Product Environmental Profile

Metal floor standing distribution enclosures / accesories

Company information

Hager
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A question concerning the Product Environmental Profile: info@hager.com

References covered

Steel enclosure including mounting kits and accessories for LV Distribuation (MES, unimes-H, unimes-P, FG) - For complete reference list please check in the Appendix 1

Methodology

PEP has been performed according to the PCR version PEP-PCR-ed4-2021 09 06 and PSR version PSR-0005-ed3.1-2023 12 08 issued by the PEP ecopassport program.
For further information, please see the website of the program www.pep-ecopassport.org

Reference product

Reference product identification
FG26WE

Use scenario based on :
PSR product Category : PSR-0005-ed3.1-2023 12 08
3.12. Unequipped enclosures and cabinets

Functional unit

Protect people from direct contact with live parts and ensure grouping of control, command and protection devices in a cabinet, having the following dimensions 1600x2000x400, while protecting against mechanical impacts (IK10) and the penetration of solid objects and liquids (IP41), according to the appropriate use scenario, and for the reference service life of the product of 20 years.

The functional unit is based on the use scenario recommended by the PCR for the category of the reference product.

Materials and substances

All useful measures have been adopted to ensure that the materials used in the composition of the product do not contain any substances banned by the legislation in force at the time of marketing.

Plastics			Metals			Others		
	g	%		g	%		g	%
PC	2244.00	1.4%	Steel	138760.03	87.2%	Wood	3788.02	2.4%
PE-LD	757.60	0.5%	Zamak	4155.93	2.6%	Cardboard	3174.03	2.0%
Ethylene propylene diene	269.00	0.2%	Stainless steel	1673.41	1.1%	PU paint	2100.00	1.3%
PA6	40.64	<0.1%	Steel	2064.24	1.3%	Paper	3.12	<0.1%
Polyether Polyols	18.50	<0.1%	Zinc	55.98	<0.1%	Other	0.38	<0.1%
Other	2.17	<0.1%	Other	0.29	<0.1%	Other	0.15	<0.1%
Total mass of reference product with raw material packaging :			**159107.49 g**					
Total mass of reference product (Product + packaging)			**151520.78 g**					

System Boundaries

The environmental information included in the PEP covers all the stages of the life cycle, from "cradle to grave".

Manufacturing			Distribution	Installation	Use							End of life				Module D
Raw material extraction and processing	Transport to the manufacturer	Manufacturing	Distribution to the place of operation	Installation on the place of operation	Use or application of the product installed	Maintenance	Repair	Replacement	Restoration	Energy requirements during the use stage	Water requirements during the use stage	Deinstallation	Transport to the waste treatment site	Treatment of waste in view of its reuse, recovery and/or recycling	Disposal	Benefits and loads beyond the system boundaries
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Life cycle stages																

Manufacturing

These products are manufactured by a site that has received an environmental certification ISO 14001.

This phase takes into account raw materials, manufacturing processes, production offcuts and their end-of-life treatment, upstream transport of materials and sub-assemblies to the manufacturing site, and transport from the manufacturing site to the final logistics platform.

Distribution

The packaging has been designed in accordance with current regulations. In particular, the European directive 94/62/CE relative to packaging and packaging waste.

The used packaging is 100% recyclable or recoverable.
Packaging and logistic flows are continuously improved in order to reduce their impact.

This phase taken into account the transport of the finished product, including packaging, to its place of use.

Installation

Installation processes

The processes to install the product are not considered in this study because of their weak impact compared to the other life cycles steps.

This phase only take into account the impact of the packaging waste treatment.

Installation elements (non delivered with the product)

Elements non delivered with the product and needed to install the product are not considered.

Use

Power loss / load dependent			
Active mode		Inactive mode	
Watt	% of time	Watt	% of time
0	100.0%	0	0.0%

Power consumption / not load dependent					
Active Sleep phase		Passive Sleep phase		Turn off phase	
Watt	% of time	Watt	% of time	Watt	% of time
0	0.0%	0	0.0%	0	100.0%

This corresponds to a total energy consumption of 0.00 kWh for the use span of 20 years.

Energy model of the use phase :
Europe

Consumables and maintenance :
None

End of life

Considering the complexity of the recycling channels for electric and electronic equipment impacts, we rely mainely on ESR modules (datasets for WEEE product end of life).

The recycling potential of the product is: 88%. The calculation of this rate is based on the method of the IEC/TR 62635.

Environmental impacts

Evaluation of the environmental impact covers the following life cycle stages: raw materials + manufacturing (RMM), distribution (D), installation (I), use (U) and end of life (EoL).

All calculations are done with EIME software version 6.2.3 with the database version CODDE-2024-04 .
Indicators set : Indicators for PEF EF 3.1 (Compliance: PEP ed.4, EN15804+A2) v2.0
PEP representative of the covered products marketed in: Europe
Energy models considered for each phase

Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4
Europe	-	Europe	Europe	Europe

Environmental impact indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Acidification (PEF-AP)	mole H+ eq.	3.13E+00	1.66E-01	4.48E-04	0.00E+00	6.23E-01	3.92E+00	-2.27E-01
Climate change - Total (PEF-GWP)	kg CO2 eq.	8.33E+02	2.62E+01	1.99E-01	0.00E+00	1.36E+02	9.94E+02	-3.39E+01
Climate change-Biogenic (PEF-GWPb)	kg CO2 eq.	-3.87E+00	0.00E+00	3.74E-02	0.00E+00	7.87E+00	4.04E+00	2.65E+00
Climate change-Fossil (PEF-GWPf)	kg CO2 eq.	8.36E+02	2.62E+01	1.61E-01	0.00E+00	1.28E+02	9.90E+02	-3.66E+01
Climate change-Land use and land use change (PEF-GWPlu)	kg CO2 eq.	3.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-03	0.00E+00
Ecotoxicity, freshwater (PEF-CTUe)	CTUe	3.51E+03	1.72E+01	2.33E+00	0.00E+00	1.92E+03	5.45E+03	8.05E+02
EF-particulate Matter (PEF-PM)	Incidence of diseases	1.85E-05	1.35E-06	2.68E-09	0.00E+00	7.00E-06	2.69E-05	-5.03E-06
Eutrophication, freshwater (PEF-Epf)	kg P eq.	8.37E-04	9.83E-06	2.21E-06	0.00E+00	3.89E-03	4.74E-03	-3.37E-02
Eutrophication, marine (PEF-Epm)	kg N eq.	4.78E-01	7.78E-02	2.14E-04	0.00E+00	1.19E-01	6.75E-01	-2.82E-02
Eutrophication, terrestrial (PEF-Ept)	mole of N eq.	5.17E+00	8.54E-01	1.33E-03	0.00E+00	1.31E+00	7.33E+00	-3.99E-01
Human toxicity, cancer (PEF-CTUh-c)	CTUh	1.06E-06	4.61E-10	1.78E-08	0.00E+00	2.61E-07	1.34E-06	-8.08E-07
Human toxicity, non-cancer (PEF-CTUh-nc)	CTUh	7.33E-06	8.91E-09	5.20E-10	0.00E+00	4.14E-06	1.15E-05	-1.07E-06
Ionising radiation, human health (PEF-IR)	kg Bq U235 eq.	3.01E+01	6.38E-02	2.40E-02	0.00E+00	1.03E+01	4.05E+01	4.61E+00
Land use (PEF-LU)	No dimension	1.43E+01	0.00E+00	4.30E-04	0.00E+00	3.47E+02	3.62E+02	3.93E+01
Ozone depletion (PEF-ODP)	kg CFC-11 eq.	6.53E-06	4.02E-08	2.07E-09	0.00E+00	1.59E-05	2.24E-05	4.59E-06
Photochemical ozone formation - human health (PEF-POCP)	kg of NMVOC eq.	1.91E+00	2.15E-01	3.11E-04	0.00E+00	3.66E-01	2.49E+00	-3.33E-01
Resource use, fossils (PEF-ADPf)	MJ	7.78E+04	3.66E+02	1.53E+00	0.00E+00	2.14E+03	8.03E+04	1.51E+02
Resource use, minerals and metals (PEF-ADPe)	kg Sb eq	7.30E-03	1.03E-06	3.75E-09	0.00E+00	4.85E-04	7.78E-03	-1.64E-03
Water use (PEF-WU)	m3 eq.	2.99E+02	9.95E-02	1.20E-02	0.00E+00	4.58E+04	4.61E+04	-1.95E+03

Resource use indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Net use of fresh water	m3	6.96E+00	2.32E-03	2.80E-04	0.00E+00	1.30E+03	1.31E+03	7.28E+01
Total primary energy	MJ	7.81E+04	3.66E+02	1.73E+00	0.00E+00	2.36E+03	8.08E+04	2.06E+02
Total non renewable primary energy	MJ	7.78E+04	3.66E+02	1.53E+00	0.00E+00	2.14E+03	8.03E+04	1.51E+02
Total renewable primary energy	MJ	2.29E+02	4.88E-01	2.04E-01	0.00E+00	2.21E+02	4.50E+02	5.50E+01
Non renewable primary energy used as energy	MJ	7.76E+04	3.66E+02	1.53E+00	0.00E+00	2.14E+03	8.02E+04	1.51E+02
Non renewable primary energy used as raw material	MJ	1.93E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E+02	0.00E+00
Use of non renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Renewable primary energy used as energy	MJ	9.98E+01	4.88E-01	2.04E-01	0.00E+00	2.21E+02	3.21E+02	5.50E+01
Renewable primary energy used as raw material	MJ	1.29E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+02	0.00E+00
Use of renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Use of secondary material	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Waste category indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Hazardous waste disposed	kg	1.11E+02	0.00E+00	3.93E-03	0.00E+00	-1.71E-01	1.11E+02	4.48E-17
Non hazardous waste disposed	kg	5.58E+01	9.20E-01	6.61E-02	0.00E+00	2.28E+00	5.91E+01	1.52E-16
Radioactive waste disposed	kg	2.66E-02	6.55E-04	7.93E-06	0.00E+00	7.34E-05	2.74E-02	0.00E+00

Output flow indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Components for re-use	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy	MJ	1.28E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+00	0.00E+00
Materials for energy recovery	kg	1.73E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.74E+00	0.00E+00
Materials for recycling	kg	3.01E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E+01	0.00E+00

Biogenic carbon content

Packaging	Unit	Cardboard	Paper	Wood	Sum
Biogenic carbon content (ratio)	%	2.80E+01	3.78E+01	3.95E+01	
Mass	kg	3.17E+00	3.12E-03	3.79E+00	6.97E+00
Biogenic carbon content (declared unit)	kg of C	8.89E-01	1.18E-03	1.50E+00	2.39E+00
Biogenic carbon content (functional unit)	kg of C	8.89E-01	1.18E-03	1.50E+00	2.39E+00
Source		ADEME	APESA/RECORD	EN 16485	

Product	Unit	Cardboard	Paper	Wood	Sum
Mass	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Biogenic carbon content (declared unit)	kg of C	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Biogenic carbon content (functional unit)	kg of C	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Extrapolation rules

Additional references (see Appendix) covered by PEP, the environmental impacts for each phase and indicator are derived from life-cycle analysis (LCA). The impact values are either directly calculated by LCA or by extrapolation following PEP Ecopassport rules. However, some of the detailed conditions applied in those cases may differ from the main reference.

Verification

Registration N°: HAGE-00961-V02.01-EN	Drafting Rules	PEP-PCR-ed4-2021 09 06
	Supplemented by	PSR-0005-ed3.1-2023 12 08
Verifier accreditation N°: VH65	Information and reference documents: www.pep-ecopassport.org	
Date of issue: 12-2025	Validity period:	5 years
Independent verification of the declaration and data, in compliance with ISO 14025 : 2006		
Internal ● External ○		
The PCR review was conducted by a panel of experts chaired by Julie Orgelet (DDemain)		
PEPs are compliant with XP C08-100-1:2016 or EN 50693:2019 The elements of the present PEP cannot be compared with elements from another program.		
Document in compliance with ISO 14025 : 2006 « Environmental labels and declarations. Type III environmental declarations »		

Nota :
The picture has no contractual value.
All numerical values indicated in this document may vary and depend of many factors such as the tolerance related to materials, the usage and environment conditions of the products, installation characteristics ... , real values for a product in a concrete application may therefore change.
The usage time mentioned in this document is an average duration chosen for the need of the calculations. This value cannot be assimilated to the minimum, average or real life time.
The responsibility of the company, issuing this document, can never be engaged if differences would be noticed between the values given by this document and real ones, whatever the causes and/or consequences would be.

Appendix

		Acidification (PEF-AP) - [mole H+ eq.]	Climate change - Total (PEF-GWP) - [Kg CO2 eq.]	Climate change-Biogenic (PEF-GWPbi) - [kg CO2 eq.]	Climate change-Fossil (PEF-GWPf) - [kg CO2 eq.]	Climate change-Land use and land use change (PEF-GWPlu) - [kg CO2 eq.]	Components for re-use - [kg]	Ecotoxicity, freshwater (PEF-CTUe) - [CTUe]	Eutrophication, freshwater (PEF-Epf) - [kg P eq.]	Eutrophication, marine (PEF-Epm) - [kg N eq.]	Eutrophication, terrestrial (PEF-Ept) - [mole of N eq.]	Exported energy - [MJ]	Hazardous waste disposed - [kg]	Human toxicity, cancer (PEF-CTUh-c) - [CTUh]	Human toxicity, non-cancer (PEF-CTUh-nc) - [CTUh]	Ionising radiation, human health (PEF-IR) - [kg Bq U235 eq.]	Land use (PEF-LU)	Materials for energy recovery - [kg]	Materials for recycling - [kg]	Net use of fresh water - [m3]	Non hazardous waste disposed - [kg]	Non renewable primary energy used as energy - [MJ]	Non renewable primary energy used as raw material - [MJ]	Ozone depletion (PEF-ODP) - [kg CFC-11 eq.]	EF-particulate Matter (PEF-PM) - [Incidence of diseases]	Photochemical ozone formation - human health (PEF-POCP) - [kg of NMVOC eq.]	Radioactive waste disposed - [kg]	Renewable primary energy used as energy - [MJ]	Renewable primary energy used as raw material - [MJ]	Resource use, fossils (PEF-ADPf) - [MJ]	Resource use, minerals and metals (PEF-ADPe) - [kg Sb eq.]	Total non renewable primary energy - [MJ]	Total primary energy - [MJ]	Total renewable primary energy - [MJ]	Use of non renewable secondary fuels - [MJ]	Use of renewable secondary fuels - [MJ]	Use of secondary material - [kg]	Water use (PEF-WU) - [m3 eq.]
Manufacturing A1-A3	FG26WE	3.13E+00	8.33E+02	-3.87E+00	8.36E+02	3.94E-03	0.00E+00	3.51E+03	8.37E-04	4.78E-01	5.17E+00	1.28E+00	1.11E+02	1.06E-06	7.33E-06	3.01E+01	1.43E+01	1.73E+00	3.01E+01	6.99E+00	5.58E+01	7.76E+04	1.93E+02	6.53E-06	1.85E-05	1.91E+00	2.66E-02	9.98E+01	1.29E+02	7.78E+04	7.30E-03	7.78E+04	7.81E+04	2.29E+02	0.00E+00	0.00E+00	0.00E+00	2.99E+02
	099-911-688	7.04E-03	1.30E+00	3.55E-02	1.25E+00	1.71E-05	0.00E+00	6.79E+01	2.91E-05	9.34E-04	9.25E-03	1.64E-03	2.78E+00	3.02E-08	2.22E-08	4.90E-01	2.27E-01	2.13E-03	2.24E-01	7.85E-02	9.57E-01	5.52E+01	1.32E+01	1.99E-07	9.12E-08	3.79E-03	4.25E-04	8.60E-01	1.65E-01	5.98E+01	2.64E-05	5.98E+01	6.27E+01	1.12E+00	0.00E+00	0.00E+00	0.00E+00	2.42E+00
	C-BBL	4.75E-02	1.71E+00	6.97E-02	1.71E+00	1.87E-07	0.00E+00	2.39E+01	8.94E-06	1.58E-03	1.66E-02	2.24E-03	2.17E-01	3.38E-08	7.75E-07	1.09E+00	9.51E-01	3.01E-03	6.45E-02	1.46E-01	8.07E+00	1.18E+02	4.56E+00	2.29E-07	3.00E-07	7.98E-03	4.85E-03	1.16E+00	2.18E-01	1.01E+02	4.13E-04	1.01E+02	9.21E+01	1.57E+00	0.00E+00	0.00E+00	0.00E+00	3.83E+00
	C-BRH110W	1.21E-01	2.87E+01	-3.97E-02	2.82E+01	0.00E+00	0.00E+00	5.80E+01	1.43E-05	1.80E-02	2.02E-01	2.61E-02	4.69E-01	4.57E-08	2.05E-07	2.43E+00	3.18E-02	3.54E-02	8.41E-01	1.11E-01	5.24E+01	1.16E+03	3.96E+00	2.54E-07	7.68E-07	7.65E-02	1.30E-04	4.24E+00	2.59E+00	1.26E+03	1.25E-04	1.28E+03	1.28E+03	6.43E+00	0.00E+00	0.00E+00	0.00E+00	4.88E+00
	C-BRH135W	1.22E-01	3.56E+01	-1.04E-01	3.47E+01	0.00E+00	0.00E+00	7.67E+01	2.04E-05	2.16E-02	2.38E-01	2.95E-02	5.09E-01	3.84E-08	2.25E-07	1.80E+00	2.84E-02	3.98E-02	1.06E+00	1.57E-01	5.10E+01	1.88E+03	4.23E+00	2.60E-07	8.15E-07	8.58E-02	1.28E-04	3.83E+00	2.91E+00	1.94E+03	2.31E-04	1.94E+03	1.97E+03	6.62E+00	0.00E+00	0.00E+00	0.00E+00	7.42E+00
	C-BRH160W	1.21E-01	3.42E+01	-1.42E-01	3.39E+01	0.00E+00	0.00E+00	7.87E+01	2.10E-05	1.86E-02	2.04E-01	3.95E-02	4.97E-01	4.25E-08	2.17E-07	1.81E+00	2.84E-02	5.38E-02	1.26E+00	1.59E-01	5.16E+01	1.63E+03	4.31E+00	2.63E-07	7.93E-07	7.98E-02	1.28E-04	4.10E+00	3.93E+00	1.72E+03	2.51E-04	1.72E+03	1.74E+03	8.49E+00	0.00E+00	0.00E+00	0.00E+00	7.49E+00
	C-BRH60W	2.65E-02	8.76E+00	-4.78E-02	8.58E+00	0.00E+00	0.00E+00	2.72E+01	1.38E-05	4.95E-03	5.20E-02	1.28E-02	2.97E-02	1.09E-08	5.70E-08	1.79E+00	8.55E-03	1.73E-02	2.55E-01	6.06E-02	1.46E-01	4.76E+02	1.56E+00	2.89E-08	1.60E-07	1.94E-02	7.74E-05	2.40E+00	1.28E+00	4.86E+02	6.57E-05	4.86E+02	5.37E+02	3.47E+00	0.00E+00	0.00E+00	0.00E+00	2.55E+00
	C-BRH85W	1.07E-01	1.48E+01	-5.51E-02	1.58E+01	0.00E+00	0.00E+00	3.78E+01	1.38E-05	1.28E-02	1.46E-01	1.98E-02	3.33E-01	3.34E-08	1.74E-07	2.25E+00	2.04E-02	2.67E-02	7.52E-01	1.07E-01	3.97E-01	8.96E+02	3.11E+00	4.10E-08	6.13E-07	6.65E-02	1.19E-04	4.11E+00	1.97E+00	9.38E+02	1.21E-04	9.38E+02	9.97E+02	6.24E+00	0.00E+00	0.00E+00	0.00E+00	4.69E+00
	C-BRV2720W	1.44E-01	2.27E+01	8.00E-02	2.23E+01	4.77E-05	0.00E+00	6.69E+01	1.70E-05	1.64E-02	1.80E-01	2.43E-02	6.08E-01	3.45E-08	2.71E-07	5.81E+00	5.08E-01	3.29E-02	7.34E-01	1.75E-01	1.93E+01	9.45E+02	7.36E+01	3.38E-07	7.72E-07	7.43E-02	1.11E-03	3.27E+01	2.52E+00	1.00E+03	2.95E-04	1.00E+03	9.73E+02	1.55E+01	0.00E+00	0.00E+00	0.00E+00	7.79E+00
	C-BRV3520W	1.56E-01	3.04E+01	6.80E-02	2.93E+01	4.68E-05	0.00E+00	9.17E+01	1.78E-05	1.96E-02	2.19E-01	2.63E-02	4.61E-01	3.70E-08	2.23E-07	5.82E+00	2.85E-01	3.59E-02	6.98E-01	1.65E-01	1.93E+01	1.12E+03	7.40E+01	3.45E-07	8.22E-07	8.64E-02	1.11E-02	3.27E+01	2.62E+00	1.23E+03	1.78E-04	1.23E+03	1.19E+03	1.54E+01	0.00E+00	0.00E+00	0.00E+00	7.31E+00
	C-BRVE20	1.09E-01	7.02E+00	1.14E-01	7.38E+00	4.87E-08	0.00E+00	7.92E+01	5.40E-06	4.73E-03	5.21E-02	9.69E-03	2.53E-01	2.89E-08	1.93E-06	1.15E+00	1.97E+00	1.31E-02	2.08E-01	1.43E-01	6.57E-01	3.18E+02	7.73E-01	4.35E-07	6.71E-07	2.13E-02	4.33E-04	5.48E+00	1.03E+00	3.81E+02	4.84E-04	3.81E+02	3.84E+02	6.19E+00	0.00E+00	0.00E+00	0.00E+00	5.92E+00
	C-BSA110W	7.00E-02	7.54E+00	-1.87E-02	7.62E+00	0.00E+00	0.00E+00	4.43E+01	1.33E-05	4.77E-03	5.30E-02	1.08E-02	6.45E-02	1.49E-08	4.69E-08	1.22E+00	3.55E-01	1.47E-02	2.40E-01	9.09E-02	3.10E-01	5.00E+02	1.99E+00	2.88E-07	3.54E-07	2.07E-02	1.76E-04	2.12E+00	1.07E+00	5.00E+02	3.70E-05	5.00E+02	5.20E+02	3.52E+00	0.00E+00	0.00E+00	0.00E+00	3.76E+00
	C-BSA135W	7.41E-02	9.16E+00	-2.97E-02	9.31E+00	0.00E+00	0.00E+00	4.58E+01	1.63E-05	5.34E-03	5.97E-02	1.43E-02	7.51E-02	1.40E-08	6.83E-08	1.56E+00	6.72E-02	1.95E-02	2.55E-01	9.70E-02	3.36E-01	5.31E+02	2.16E+00	2.58E-07	3.74E-07	2.23E-02	1.71E-04	1.96E+00	1.43E+00	5.20E+02	6.75E-05	5.20E+02	5.54E+02	3.39E+00	0.00E+00	0.00E+00	0.00E+00	4.11E+00
	C-BSA160W	7.60E-02	1.10E+01	-3.62E-02	1.16E+01	0.00E+00	0.00E+00	4.45E+01	1.61E-05	6.19E-03	6.63E-02	1.62E-02	2.17E-01	1.52E-08	7.96E-08	2.11E+00	6.74E-02	2.17E-02	5.07E-01	1.05E-01	3.76E-01	5.95E+02	2.32E+00	2.66E-07	3.80E-07	2.45E-02	1.80E-04	2.45E+00	1.60E+00	5.71E+02	8.59E-05	5.71E+02	6.12E+02	3.89E+00	0.00E+00	0.00E+00	0.00E+00	4.53E+00
	C-BSA60W	9.98E-02	4.15E+00	5.41E-02	4.15E+00	2.03E-07	0.00E+00	4.92E+01	3.49E-06	2.58E-03	3.11E-02	6.50E-03	6.25E-02	1.80E-08	5.41E-08	1.14E+00	9.13E-01	8.79E-03	1.73E-01	9.03E-02	3.41E-01	3.22E+02	9.27E-01	6.17E-07	4.86E-07	1.39E-02	1.92E-04	2.29E+00	6.48E-01	3.59E+02	4.31E-05	3.59E+02	3.07E+02	3.13E+00	0.00E+00	0.00E+00	0.00E+00	3.88E+00
	C-BSA85W	1.12E-01	5.18E+00	3.12E-02	5.08E+00	2.98E-08	0.00E+00	4.96E+01	5.57E-06	3.82E-03	4.62E-02	8.42E-03	8.40E-02	1.61E-08	4.52E-08	1.18E+00	3.62E-01	1.14E-02	2.29E-01	9.94E-02	3.20E-01	4.79E+02	1.34E+00	5.64E-07	4.72E-07	2.06E-02	1.94E-04	2.55E+00	8.27E-01	4.67E+02	3.57E-05	4.67E+02	4.82E+02	3.93E+00	0.00E+00	0.00E+00	0.00E+00	4.33E+00
	C-BWUN20	4.35E-02	1.63E+00	6.32E-02	1.67E+00	1.74E-07	0.00E+00	2.25E+01	3.99E-06	1.46E-03	1.61E-02	2.20E-03	2.98E-01	3.34E-08	6.40E-07	1.09E+00	8.68E-01	2.96E-03	6.98E-02	3.10E-02	8.05E+00	1.61E+02	4.43E+00	2.04E-07	2.68E-07	7.70E-03	4.82E-03	1.26E+00	2.14E-01	1.72E+02	3.58E-04	1.72E+02	1.46E+02	1.29E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+00
	C-CPB110	6.28E-02	4.79E+00	9.05E-02	4.79E+00	2.85E-07	0.00E+00	3.18E+01	3.98E-06	2.06E-03	2.29E-02	2.56E-03	3.02E-01	1.93E-08	8.69E-07	1.32E+00	1.58E+00	3.44E-03	9.93E-02	5.29E-02	7.70E-01	1.48E+02	9.97E-01	3.29E-07	3.78E-07	1.01E-02	2.30E-04	2.07E+00	2.52E-01	1.63E+02	4.86E-04	1.63E+02	1.43E+02	2.02E+00	0.00E+00	0.00E+00	0.00E+00	2.21E+00
	C-CPB135	7.71E-02	5.13E+00	9.51E-02	5.11E+00	3.38E-07	0.00E+00	3.58E+01	3.99E-06	2.34E-03	2.71E-02	3.70E-03	3.16E-01	1.84E-08	1.00E-06	1.32E+00	2.11E+00	4.99E-03	1.36E-01	8.32E-02	7.70E-01	1.56E+02	9.47E-01	3.98E-07	4.22E-07	1.16E-02	2.55E-04	2.23E+00	3.70E-01	1.69E+02	5.89E-04	1.69E+02	1.53E+02	2.94E+00	0.00E+00	0.00E+00	0.00E+00	3.46E+00
	C-CPB160	7.83E-02	7.20E+00	1.10E-01	7.06E+00	3.68E-07	0.00E+00	3.90E+01	4.09E-06	4.88E-03	5.48E-02	4.44E-03	3.27E-01	2.05E-08	1.13E-06	1.62E+00	2.30E+00	6.00E-03	1.86E-01	9.89E-02	8.60E-01	1.89E+02	2.17E+00	4.70E-07	4.58E-07	2.18E-02	2.88E-04	3.32E+00	4.43E-01	1.92E+02	6.46E-04	1.92E+02	1.85E+02	3.64E+00	0.00E+00	0.00E+00	0.00E+00	4.11E+00
	C-CPB60	4.35E-02	1.63E+00	6.51E-02	1.71E+00	1.74E-07	0.00E+00	2.25E+01	3.98E-06	1.50E-03	1.61E-02	2.20E-03	3.05E-01	2.37E-08	6.31E-07	1.24E+00	8.09E-01	2.96E-03	4.85E-02	3.10E-02	3.17E-01	1.60E+02	3.55E+00	1.90E-07	2.70E-07	7.70E-03	1.31E-04	1.27E+00	2.14E-01	1.71E+02	3.58E-04	1.71E+02	1.44E+02	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+00
	C-CPB85	4.38E-02	1.74E+00	6.53E-02	1.77E+00	1.74E-07	0.00E+00	2.26E+01	3.98E-06	1.56E-03	1.64E-02	2.31E-03	3.03E-01	2.37E-08	6.31E-07	1.24E+00	8.09E-01	3.10E-03	4.86E-02	3.12E-02	3.20E-01	1.60E+02	3.23E+00	1.92E-07	2.71E-07	7.89E-03	1.32E-04	1.27E+00	2.24E-01	1.71E+02	3.58E-04	1.71E+02	1.46E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+00
	C-DBLA75100	1.36E-01	4.05E+01	-1.67E-01	3.92E+01	1.30E-04	0.00E+00	1.07E+02	2.67E-05	2.16E-02	2.29E-01	5.14E-02	2.29E-01	4.16E-08	2.88E-07	5.83E+00	4.79E-01	6.95E-02	3.21E+00	5.39E-01	7.26E-01	2.46E+03	8.09E+00	1.59E-07	8.40E-07	8.57E-02	3.08E-04	4.72E+00	5.09E+00	2.45E+03	4.62E-04	2.45E+03	2.47E+03	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.33E+01
	C-DBLA7580	1.26E-01	3.59E+01	-1.44E-01	3.45E+01	1.31E-04	0.00E+00	9.01E+01	2.25E-05	1.99E-02	2.13E-01	4.05E-02	2.23E-01	3.23E-08	2.67E-07	5.88E+00	4.84E-01	5.49E-02	2.82E+00	3.29E-01	6.89E-01	2.14E+03	2.72E+02	5.17E-01	7.41E-07	8.13E-07	2.20E-02	4.78E-04	5.73E+00	4.01E+00	2.08E+03	3.98E-04	2.08E+03	2.04E+03	9.06E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+01
	C-EK-KRK	1.56E-01	5.20E+00	1.68E-01	5.03E+00	1.42E-07	0.00E+00	8.27E+01	4.17E-06	3.99E-03	4.74E-02	8.32E-03	2.53E-01	2.99E-08	2.33E-06	1.12E+00	2.45E+00	1.13E-02	2.03E-01	1.87E-01	7.73E-01	2.72E+02	5.17E-01	7.41E-07	8.13E-07	2.20E-02	4.78E-04	5.73E+00	8.13E-01	3.18E+02	1.08E-03	3.18E+02	3.13E+02	6.49E+00	0.00E+00	0.00E+00	0.00E+00	7.94E+00
	C-EK-KRKW	1.56E-01	5.20E+00	1.68E-01	5.03E+00	1.42E-07	0.00E+00	8.27E+01	4.17E-06	3.99E-03	4.74E-02	8.32E-03	2.53E-01	2.99E-08	2.33E-06	1.12E+00	2.45E+00	1.13E-02	2.03E-01	1.87E-01	7.73E-01	2.72E+02	5.17E-01	7.41E-07	8.13E-07	2.20E-02	4.78E-04	5.73E+00	8.13E-01	3.18E+02	1.08E-03	3.18E+02	3.13E+02	6.49E+00	0.00E+00	0.00E+00	0.00E+00	7.94E+00
	C-FT2720	1.30E-01	2.83E+01	-3.96E-02	2.82E+01	0.00E+00	0.00E+00	7.14E+01	1.48E-05	1.70E-02	1.83E-01	2.61E-02	1.07E+00	4.44E-08	2.28E-07	2.36E+00	9.67E-02	3.53E-02	2.63E+00	1.65E-01	7.15E-01	1.69E+03	3.06E+00	8.28E-08	6.89E-07	7.56E-02	2.74E-04	3.05E+00	2.56E+00	1.72E+03	2.32E-04	1.72E+03	1.70E+03	6.99E+00	0.00E+00	0.00E+00	0.00E+00	7.19E+00
	C-FT3520	1.30E-01	3.42E+01	-1.23E-01	3.35E+01	0.00E+00	0.00E+00	8.52E+01	2.69E-05	1.82E-02	2.01E-01	3.63E-02	1.09E+00	4.19E-08	2.54E-07	2.14E+00	9.14E-02	4.95E-02	1.78E+00	3.62E-01	7.14E-01	1.93E+03	3.34E+00	8.41E-08	6.83E-07	7.84E-02	2.72E-04	3.04E+00	3.63E+00	1.92E+03	2.92E-04	1.92E+03	1.93E+03	7.34E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+01
	C-FVD	5.84E-02	1.04E+01	-2.56E-02	7.96E+00	3.37E-05	0.00E+00	3.98E+01	6.88E-06	4.76E-03	6.92E-02	1.14E-02	2.29E+01	2.79E-08	2.74E-07	1.63E+00	2.45E-01	1.05E-02	3.07E+00	1.01E-01	8.07E+00	4.98E+03	1.16E+01	4.47E-07	2.99E-07	3.00E-02	4.98E-03	1.07E+00	2.52E-01	5.10E+03	6.17E-04	5.10E+03	5.62E+03	3.02E+00	0.00E+00	0.00E+00	0.00E+00	6.71E+00
	C-KRK135K	1.62E-01	3.62E+01	-8.18E-02	3.53E+01	1.05E-05	0.00E+00	4.46E+03	1.63E-05	2.22E-02	2.45E-01	2.91E-02	1.06E+00	5.08E-08	1.35E-06	1.96E+00	1.14E+00	3.91E-02	6.27E-01	1.44E-01	6.82E-01	1.21E+03	8.64E+00	4.57E-07	9.22E-07	9.74E-02	4.22E-04	3.77E+00	2.88E+00	1.36E+03	4.11E-04	1.36E+03	1.32E+03	6.80E+00	0.00E+00	0.00E+00	0.00E+00	6.26E+00
	C-KRK135KW	1.62E-01	3.62E+01	-8.18E-02	3.53E+01	1.05E-05	0.00E+00	4.46E+03	1.63E-05	2.22E-02	2.45E-01	2.91E-02	1.06E+00	5.08E-08	1.35E-06	1.96E+00	1.14E+00	3.91E-02	6.27E-01	1.44E-01	6.82E-01	1.21E+03	8.64E+00	4.57E-07	9.22E-07	9.74E-02	4.22E-04	3.77E+00	2.88E+00	1.36E+03	4.11E-04	1.36E+03	1.32E+03	6.80E+00	0.00E+00	0.00E+00	0.00E+00	6.26E+00
	C-KRK160K	1.58E-01	3.66E+01	-8.82E-02	3.54E+01	1.05E-05	0.00E+00	4.46E+03	2.25E-05	2.22E-02	2.45E-01	3.01E-02	1.06E+00	3.86E-08	1.35E-06	1.74E+00	1.09E+00	4.04E-02	7.93E-01	1.83E-01	6.82E-01	1.82E+03	8.63E+00	4.57E-07	8.84E-07	9.47E-02	4.22E-04	3.77E+00	2.96E+00	1.93E+03	4.11E-04	1.93E+03	1.89E+03	6.80E+00	0.00E+00	0.00E+00	0.00E+00	8.11E+00
	C-KRK160KW	1.58E-01	3.66E+01	-8.82E-02	3.54E+01	1.05E-05	0.00E+00	4.46E+03	2.25E-05	2.22E-02	2.45E-01	3.01E-02	1.06E+00	3.86E-08	1.35E-06	1.74E+00	1.09E+00	4.04E-02	7.93E-01	1.83E-01	6.82E-01	1.82E+03	8.63E+00	4.57E-07	8.84E-07	9.47E-02	4.22E-04	3.77E+00	2.96E+00	1.93E+03	4.11E-04	1.93E+03	1.89E+03	6.80E+00	0.00E+00	0.00E+00	0.00E+00	8.11E+00
	C-KRK200	1.59E-01	3.65E+01	-8.82E-02	3.54E+01	1.05E-05	0.00E+00	4.46E+03	2.25E-05	2.22E-02	2.45E-01	3.01E-02	1.06E+00	4.18E-08	1.35E-06	1.74E+00	1.09E+00	4.03E-02	7.90E-01	1.83E-01	6.82E-01	1.76E+03	8.63E+00	4.57E-07	8.88E-07	9.53E-02	4.22E-04	3.77E+00	2.96E+00	1.88E+03	4.11E-04	1.88E+03	1.85E+03	6.80E+00	0.00E+00	0.00E+00	0.00E+00	8.11E+00
	C-KRK200W	1.59E-01	3.65E+01	-8.82E-02	3.54E+01	1.05E-05	0.00E+00	4.46E+03	2.25E-05	2.22E-02	2.45E-01	3.01E-02	1.06E+00	4.18E-08	1.35E-06	1.74E+00	1.09E+00	4.03E-02	7.90E-01	1.83E-01	6.82E-01	1.76E+03	8.63E+00	4.57E-07	8.88E-07	9.53E-02	4.22E-04	3.77E+00	2.96E+00	1.88E+03	4.11E-04	1.88E+03	1.85E+03	6.80E+00	0.00E+00	0.00E+00	0.00E+00	8.11E+00
	C-MP10020	6.24E-01	1.87E+02	-1.19E+00	1.71E+02	2.63E-05	0.00E+00	4.00E+02	9.12E-05	1.02E-01	1.11E+00	3.12E-01	1.80E-01	2.74E-07	1.40E-06	3.02E+00	3.63E-02	4.22E-01	5.13E+00	1.67E+00	2.37E+00	1.35E+04	1.00E+01	6.17E-07	2.31E-06	4.09E-01	6.28E-04	9.01E+00	3.06E+01	1.38E+04	2.46E-03	1.38E+04	1.41E+04	4.06E+01	0.00E+00	0.00E+00	0.00E+00	7.46E+01
	C-MP12020	8.35E-01	2.04E+02	-1.29E+00	1.88E+02	2.63E-05	0.00E+00	5.97E+02	1.15E-04	1.11E-01	1.37E+00	3.39E-01	1.80E-01	3.19E-07	1.40E-06	3.27E+00	4.56E-02	4.75E-01	5.25E+00	1.69E+00	2.37E+00	1.40E+04	1.00E+01	1.85E-06	3.55E-06	4.86E-01	6.28E-04	9.01E+00	3.16E+01	1.38E+04	2.68E-03	1.38E+04	1.42E+04	4.30E+01	0.00E+00	0.00E+00	0.00E+00	8.09E+01
	C-MP6020	5.25E-01	1.51E+02	-7.52E-01	1.59E+02	0.00E+00	0.00E+00	3.78E+02	7.91E-05	8.48E-02	9.23E-01	2.44E-01	2.40E-01	1.95E-07	1.16E-06	2.84E+00	2.43E-02	3.34E-01	5.08E+00	1.36E+00	2.17E+00	9.91E+03	7.80E+00	6.16E-07	2.14E-06	3.38E-01	3.95E-04	8.14E+00	2.36E+01	1.00E+04	1.58E-03	1.00E+04	1.00E+04	3.39E+01	0.00E+00	0.00E+00	0.00E+00	6.16E+01
	C-MP8020	5.43E-01	1.59E+02	-8.58E-01	1.68E+02	2.63E-05	0.00E+00	3.56E+02	7.94E-05	8.87E-02	9.55E-01	2.66E-01	1.80E-01	2.25E-07	1.22E-06	2.87E+00	3.46E-02	3.63E-01	5.13E+00	1.41E+00	2.09E+00	1.14E+04	8.68E+00	6.17E-07	2.31E-06	3.55E-01	5.68E-04	8.41E+00	2.58E+01	1.16E+04	1.85E-03	1.16E+04	1.18E+04	3.56E+01	0.00E+00	0.00E+00	0.00E+00	6.29E+01
	C-NIV	5.52E-02	1.64E+00	7.28E-02	4.58E+00	6.89E-04	0.00E+00	2.39E+01	4.63E-06	1.65E-03	2.76E-02	2.17E-03	8.61E-01	3.56E-08	7.96E-07	3.25E+00	2.56E+00	2.93E-03	9.70E-02	3.31E-02	8.16E+00	1.31E+02	5.92E+00	2.51E-07	2.93E-07	7.91E-03	5.04E-03	1.16E+00	4.97E-01	3.19E+02	4.13E-04	3.19E+02	9.77E+01	1.30E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+00
	C-PHKRK	1.58E-01	5.20E+00	1.68E-01	5.03E+00	1.42E-07	0.00E+00	8.27E+01	4.17E-06	3.99E-03	4.74E-02	8.32E-03	2.53E-01	2.99E-08	2.33E-06	1.12E+00	2.45E+00	1.13E-02	2.03E-01	1.87E-01	7.73E-01	2.72E+02	5.17E-01	7.41E-07	8.13E-07	2.20E-02	4.78E-04	5.73E+00	8.13E-01	3.18E+02	1.08E-03	3.18E+02	3.13E+02	6.49E+00	0.00E+00	0.00E+00	0.00E+00	7.94E+00
	C-QTUN110	2.59E-02	4.70E+00	-1.13E-02	7.53E+00	5.21E-06	0.00E+00	1.23E+01	5.74E-06	2.73E-03	3.92E-02	6.41E-03	5.12E-01	7.23E-09	5.79E-08	3.43E+00	2.08E-02	8.70E-03	1.95E-01	4.32E+00	5.53E-01	3.19E+02	1.61E+00	4.74E-08	1.24E-07	1.08E-02	5.19E-04	2.11E+00	9.15E-01	3.55E+02	5.66E-05	3.55E+02	3.27E+02	2.81E+00	0.00E+00	0.00E+00	0.00E+00	1.87E+00
	C-QTUN135	3.27E-02	4.81E+00	-1.67E-02	7.80E+00	1.83E-05	0.00E+00	1.61E+01	5.52E-06	2.75E-03	4.02E-02	6.92E-03	5.10E-01	7.52E-09	5.82E-08	3.50E+00	2.09E-02	9.37E-03	2.26E-01	4.77E-02	6.21E-01	3.45E+02	1.79E+00	4.57E-08	1.46E-07	1.09E-02	5.34E-04	2.40E+00	9.62E-01	3.69E+02	6.00E-05	3.69E+02	3.44E+02	3.16E+00	0.00E+00	0.00E+00	0.00E+00	2.05E+00
	C-QTUN160	3.74E-02	6.00E+00	-2.78E-02	9.42E+00	6.89E-04	0.00E+00	1.94E+01	6.57E-06	3.62E-03	5.04E-02	8.38E-03	5.11E-01	8.78E-09	6.90E-08	3.56E+00	1.95E+00	1.14E-02	2.66E-01	6.99E-02	6.14E-01	4.03E+02	1.91E+00	4.77E-08	1.45E-07

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FZ8911RL	1.67E-02	5.35E+00	-3.02E-02	5.38E+00	0.00E+00	0.00E+00	1.63E+01	9.16E-06	3.12E-03	3.36E-02	8.38E-03	1.14E-02	6.24E-09	4.21E-08	8.88E-01	2.07E-01	1.13E-02	2.30E-01	4.46E-02	9.87E-02	6.92E+03	1.75E+00	2.69E-08	9.47E-08	1.20E-02	2.17E-05	7.80E-01	8.31E-01	6.92E+03	7.14E-05	6.92E+03	6.92E+03	1.61E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+00
FZ8911RM	1.82E-02	5.21E+00	-2.96E-02	5.24E+00	0.00E+00	0.00E+00	1.61E+01	9.13E-06	3.06E-03	3.28E-02	8.23E-03	1.13E-02	6.12E-09	4.12E-08	8.84E-01	2.30E-01	1.11E-02	2.20E-01	4.35E-02	9.87E-02	7.64E+03	1.76E+00	2.63E-08	9.25E-08	1.17E-02	2.21E-05	7.67E-01	8.18E-01	7.64E+03	6.98E-05	7.64E+03	7.64E+03	1.58E+00	0.00E+00	0.00E+00	0.00E+00	1.87E+00
FZ8911RR	1.67E-02	5.35E+00	-3.02E-02	5.38E+00	0.00E+00	0.00E+00	1.63E+01	9.16E-06	3.12E-03	3.36E-02	8.38E-03	1.14E-02	6.24E-09	4.21E-08	8.88E-01	2.07E-01	1.13E-02	2.30E-01	4.46E-02	9.87E-02	6.92E+03	1.75E+00	2.69E-08	9.47E-08	1.20E-02	2.17E-05	7.80E-01	8.31E-01	6.92E+03	7.14E-05	6.92E+03	6.92E+03	1.61E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+00
FZ8913ES	2.30E-02	6.61E+00	-3.94E-02	6.65E+00	0.00E+00	0.00E+00	1.99E+01	1.10E-05	3.85E-03	4.14E-02	1.04E-02	1.23E-02	7.73E-09	5.16E-08	8.92E-01	2.57E-01	1.41E-02	2.82E-01	5.52E-02	1.04E-01	8.64E+03	1.95E+00	3.20E-08	1.16E-07	1.48E-02	1.88E-05	7.81E-01	1.03E+00	8.64E+03	8.85E-05	8.64E+03	8.64E+03	1.81E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+00
FZ8913RL	2.26E-02	6.49E+00	-3.72E-02	6.53E+00	0.00E+00	0.00E+00	1.97E+01	1.10E-05	3.78E-03	4.06E-02	1.03E-02	1.28E-02	7.64E-09	5.09E-08	9.06E-01	2.70E-01	1.39E-02	2.72E-01	5.42E-02	1.17E-01	9.00E+03	2.09E+00	3.22E-08	1.14E-07	1.45E-02	2.54E-05	8.30E-01	1.02E+00	9.00E+03	8.69E-05	9.00E+03	9.00E+03	1.85E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+00
FZ8913RM	2.22E-02	6.35E+00	-3.67E-02	6.39E+00	0.00E+00	0.00E+00	1.95E+01	1.09E-05	3.71E-03	3.99E-02	1.01E-02	1.25E-02	7.52E-09	4.99E-08	8.97E-01	2.30E-01	1.37E-02	2.62E-01	5.28E-02	1.13E-01	7.71E+03	2.06E+00	3.21E-08	1.12E-07	1.42E-02	2.43E-05	7.97E-01	1.00E+00	7.71E+03	8.53E-05	7.71E+03	7.71E+03	1.80E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+00
FZ8913RR	2.26E-02	6.49E+00	-3.73E-02	6.53E+00	0.00E+00	0.00E+00	1.97E+01	1.10E-05	3.78E-03	4.07E-02	1.03E-02	1.28E-02	7.63E-09	5.09E-08	9.06E-01	2.52E-01	1.39E-02	2.72E-01	5.41E-02	1.16E-01	8.45E+03	2.08E+00	3.22E-08	1.14E-07	1.45E-02	2.50E-05	8.27E-01	1.02E+00	8.45E+03	8.69E-05	8.45E+03	8.45E+03	1.84E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+00
FZ8916ES	2.70E-02	7.75E+00	-4.64E-02	7.80E+00	0.00E+00	0.00E+00	2.33E+01	1.28E-05	4.51E-03	4.85E-02	1.23E-02	1.37E-02	9.12E-09	6.05E-08	9.10E-01	3.09E-01	1.66E-02	3.24E-01	6.47E-02	1.21E-01	1.04E+04	2.28E+00	3.73E-08	1.36E-07	1.73E-02	2.23E-05	8.29E-01	1.22E+00	1.04E+04	1.04E-04	1.04E+04	1.04E+04	2.05E+00	0.00E+00	0.00E+00	0.00E+00	2.78E+00
FZ8916RL	2.68E-02	7.63E+00	-4.43E-02	7.67E+00	0.00E+00	0.00E+00	2.31E+01	1.28E-05	4.44E-03	4.78E-02	1.21E-02	1.40E-02	9.03E-09	5.97E-08	9.21E-01	2.98E-01	1.64E-02	3.14E-01	6.38E-02	1.33E-01	9.98E+03	2.41E+00	3.75E-08	1.34E-07	1.70E-02	2.83E-05	8.69E-01	1.20E+00	9.99E+03	1.02E-04	9.99E+03	9.99E+03	2.07E+00	0.00E+00	0.00E+00	0.00E+00	2.73E+00
FZ8916RM	2.61E-02	7.49E+00	-4.38E-02	7.54E+00	0.00E+00	0.00E+00	2.29E+01	1.27E-05	4.37E-03	4.70E-02	1.20E-02	1.38E-02	8.91E-09	5.88E-08	9.13E-01	2.87E-01	1.62E-02	3.04E-01	6.24E-02	1.31E-01	9.61E+03	2.39E+00	3.74E-08	1.32E-07	1.68E-02	2.76E-05	8.41E-01	1.19E+00	9.61E+03	1.01E-04	9.61E+03	9.61E+03	2.03E+00	0.00E+00	0.00E+00	0.00E+00	2.68E+00
FZ8916RR	2.66E-02	7.63E+00	-4.43E-02	7.67E+00	0.00E+00	0.00E+00	2.31E+01	1.28E-05	4.44E-03	4.79E-02	1.21E-02	1.40E-02	9.03E-09	5.97E-08	9.21E-01	2.98E-01	1.64E-02	3.14E-01	6.38E-02	1.33E-01	9.98E+03	2.41E+00	3.75E-08	1.34E-07	1.71E-02	2.83E-05	8.69E-01	1.20E+00	9.99E+03	1.02E-04	9.99E+03	9.99E+03	2.07E+00	0.00E+00	0.00E+00	0.00E+00	2.73E+00
FZ8935ES	6.75E-03	1.92E+00	-1.12E-02	1.93E+00	0.00E+00	0.00E+00	6.16E+00	3.72E-06	1.13E-03	1.23E-02	2.85E-03	7.31E-03	2.13E-09	1.54E-08	8.34E-01	7.49E-02	3.86E-03	9.33E-02	1.61E-02	3.65E-02	2.50E+03	6.28E-01	1.07E-08	3.52E-08	4.33E-03	5.69E-06	6.29E-01	2.83E-01	2.50E+03	2.55E-05	2.50E+03	2.50E+03	9.12E-01	0.00E+00	0.00E+00	0.00E+00	6.91E-01
FZ8935RL	6.40E-03	1.80E+00	-9.68E-03	1.81E+00	0.00E+00	0.00E+00	5.98E+00	3.71E-06	1.07E-03	1.16E-02	2.73E-03	7.41E-03	2.04E-09	1.47E-08	8.37E-01	6.99E-02	3.70E-03	8.32E-02	1.50E-02	4.75E-02	2.31E+03	7.58E-01	1.09E-08	3.33E-08	4.08E-03	1.18E-05	6.40E-01	2.71E-01	2.31E+03	2.39E-05	2.31E+03	2.31E+03	9.11E-01	0.00E+00	0.00E+00	0.00E+00	6.44E-01
FZ8935RM	5.58E-03	1.63E+00	-8.20E-03	1.64E+00	0.00E+00	0.00E+00	4.31E+00	2.36E-06	9.33E-04	1.01E-02	2.50E-03	6.66E-03	1.86E-09	1.24E-08	8.31E-01	5.82E-02	3.38E-03	7.29E-02	1.38E-02	4.19E-02	1.93E+03	5.02E-01	6.14E-09	2.93E-08	3.61E-03	1.13E-05	6.41E-01	2.47E-01	1.93E+03	2.10E-05	1.93E+03	1.93E+03	8.88E-01	0.00E+00	0.00E+00	0.00E+00	5.92E-01
FZ8935RR	6.40E-03	1.80E+00	-9.68E-03	1.81E+00	0.00E+00	0.00E+00	5.98E+00	3.71E-06	1.07E-03	1.16E-02	2.73E-03	7.41E-03	2.04E-09	1.47E-08	8.37E-01	6.99E-02	3.70E-03	8.32E-02	1.50E-02	4.75E-02	2.31E+03	7.58E-01	1.09E-08	3.33E-08	4.08E-03	1.18E-05	6.40E-01	2.71E-01	2.31E+03	2.39E-05	2.31E+03	2.31E+03	9.11E-01	0.00E+00	0.00E+00	0.00E+00	6.44E-01
FZ8960ES	1.10E-02	3.13E+00	-1.83E-02	3.15E+00	0.00E+00	0.00E+00	9.83E+00	5.54E-06	1.83E-03	1.98E-02	4.74E-03	8.80E-03	3.54E-09	2.47E-08	8.50E-01	1.20E-01	6.41E-03	1.48E-01	2.62E-02	5.33E-02	4.04E+03	9.58E-01	1.60E-08	5.60E-08	7.02E-03	9.38E-06	6.71E-01	4.70E-01	4.04E+03	4.15E-05	4.04E+03	4.04E+03	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
FZ8960RL	1.06E-02	3.01E+00	-1.61E-02	3.02E+00	0.00E+00	0.00E+00	9.45E+00	5.53E-06	1.77E-03	1.91E-02	4.62E-03	8.75E-03	3.44E-09	2.40E-08	8.54E-01	1.15E-01	6.25E-03	1.35E-01	2.51E-02	6.46E-02	3.84E+03	1.09E+00	1.62E-08	5.41E-08	6.76E-03	1.51E-05	6.87E-01	4.58E-01	3.85E+03	3.99E-05	3.85E+03	3.85E+03	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
FZ8960RM	9.75E-03	2.84E+00	-1.52E-02	2.85E+00	0.00E+00	0.00E+00	7.78E+00	4.20E-06	1.63E-03	1.76E-02	4.38E-03	7.95E-03	3.26E-09	2.17E-08	8.47E-01	1.15E-01	5.93E-03	1.25E-01	2.39E-02	5.95E-02	3.83E+03	8.42E-01	1.15E-08	5.01E-08	6.30E-03	1.49E-05	6.85E-01	4.34E-01	3.84E+03	3.71E-05	3.84E+03	3.84E+03	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+00
FZ8960RR	1.06E-02	3.01E+00	-1.61E-02	3.02E+00	0.00E+00	0.00E+00	9.45E+00	5.53E-06	1.77E-03	1.91E-02	4.62E-03	8.75E-03	3.44E-09	2.40E-08	8.54E-01	1.15E-01	6.25E-03	1.35E-01	2.51E-02	6.46E-02	3.84E+03	1.09E+00	1.62E-08	5.41E-08	6.76E-03	1.51E-05	6.87E-01	4.58E-01	3.85E+03	3.99E-05	3.85E+03	3.85E+03	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
FZ8985ES	1.49E-02	4.26E+00	-2.53E-02	4.29E+00	0.00E+00	0.00E+00	1.30E+01	7.34E-06	2.49E-03	2.68E-02	6.61E-03	9.88E-03	4.93E-09	3.35E-08	8.66E-01	1.66E-01	8.95E-03	1.88E-01	3.56E-02	7.04E-02	5.57E+03	1.29E+00	2.13E-08	7.57E-08	9.55E-03	1.23E-05	6.56E-01	5.57E+03	5.70E-05	5.57E+03	5.57E+03	1.37E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+00
FZ8985RL	1.45E-02	4.14E+00	-2.32E-02	4.17E+00	0.00E+00	0.00E+00	1.28E+01	7.34E-06	2.43E-03	2.61E-02	6.49E-03	1.01E-02	4.84E-09	3.28E-08	8.73E-01	1.61E-01	8.79E-03	1.78E-01	3.46E-02	8.17E-02	5.38E+03	1.42E+00	2.15E-08	7.39E-08	9.29E-03	1.84E-05	7.38E-01	6.44E-01	5.38E+03	5.54E-05	5.38E+03	5.38E+03	1.36E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
FZ8985RM	1.41E-02	4.01E+00	-2.26E-02	4.03E+00	0.00E+00	0.00E+00	1.26E+01	7.30E-06	2.35E-03	2.54E-02	6.34E-03	1.00E-02	4.72E-09	3.18E-08	8.70E-01	1.72E-01	8.59E-03	1.67E-01	3.34E-02	8.12E-02	5.73E+03	1.42E+00	2.15E-08	7.17E-08	9.00E-03	1.85E-05	7.29E-01	6.29E-01	5.73E+03	5.38E-05	5.73E+03	5.74E+03	1.36E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
FZ8985RR	1.45E-02	4.14E+00	-2.32E-02	4.17E+00	0.00E+00	0.00E+00	1.28E+01	7.34E-06	2.43E-03	2.61E-02	6.49E-03	1.01E-02	4.84E-09	3.28E-08	8.73E-01	1.61E-01	8.79E-03	1.78E-01	3.46E-02	8.17E-02	5.38E+03	1.42E+00	2.15E-08	7.39E-08	9.29E-03	1.84E-05	7.38E-01	6.44E-01	5.38E+03	5.54E-05	5.38E+03	5.38E+03	1.36E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
FZ89ES	4.34E-02	1.63E+00	6.88E-02	1.66E+00	2.35E-04	0.00E+00	2.59E+01	2.97E-06	1.47E-03	1.56E-02	2.17E-03	3.89E-01	2.43E-08	1.34E-07	3.72E+00	2.21E+00	2.93E-03	5.38E-02	3.65E-02	4.55E-01	9.04E+01	4.50E+00	2.34E-07	2.80E-07	7.42E-03	3.12E-04	3.25E+00	2.13E-01	1.15E+02	3.75E-04	1.15E+02	8.76E+01	3.33E+00	0.00E+00	0.00E+00	0.00E+00	1.41E+00
M-4KFG01	4.24E-02	4.63E+00	6.83E-02	4.66E+00	8.95E-04	0.00E+00	2.28E+01	4.12E-06	2.01E-03	2.22E-02	2.20E-03	7.35E-01	2.36E-08	6.28E-07	1.27E+00	3.12E+00	2.97E-03	6.38E-02	3.13E-02	7.30E-01	1.99E+03	4.08E+00	1.90E-07	2.64E-07	8.99E-03	7.27E-05	1.39E+00	2.15E-01	1.97E+03	3.56E-04	1.97E+03	2.15E+03	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
M-4KFG02	4.25E-02	4.64E+00	6.83E-02	4.66E+00	8.96E-04	0.00E+00	2.29E+01	4.13E-06	2.01E-03	2.24E-02	2.20E-03	7.35E-01	2.36E-08	6.28E-07	1.27E+00	3.12E+00	2.98E-03	6.38E-02	3.13E-02	7.31E-01	2.53E+03	4.08E+00	1.90E-07	2.64E-07	9.12E-03	7.05E-05	1.40E+00	2.15E-01	2.49E+03	3.56E-04	2.49E+03	2.67E+03	1.46E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
M-4KFG03	4.49E-02	6.72E+00	6.74E-02	6.49E+00	8.98E-04	0.00E+00	2.29E+01	4.13E-06	4.44E-03	5.29E-02	2.20E-03	7.35E-01	2.37E-08	6.39E-07	2.19E+00	2.97E+00	2.98E-03	1.27E-01	3.69E-02	7.47E-01	2.53E+03	5.06E+00	2.11E-07	2.63E-07	2.07E-02	7.41E-05	2.13E+00	2.15E-01	2.50E+03	3.54E-04	2.50E+03	2.69E+03	1.80E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
M-4KFG04	5.83E-02	6.82E+00	8.77E-02	6.50E+00	8.99E-04	0.00E+00	3.07E+01	4.73E-06	4.44E-03	5.29E-02	2.55E-03	7.34E-01	1.93E-08	8.76E-07	2.19E+00	3.42E+00	3.42E-03	1.61E-01	5.58E-02	7.70E-01	4.22E+03	2.61E+00	3.40E-07	3.51E-07	2.09E-02	8.30E-05	2.18E+00	2.50E-01	4.22E+03	4.72E-04	4.22E+03	4.36E+03	2.04E+00	0.00E+00	0.00E+00	0.00E+00	2.43E+00
M-AB11005	2.14E-02	5.92E+00	-3.12E-02	6.47E+00	7.30E-08	0.00E+00	1.92E+01	8.31E-06	3.46E-03	3.86E-02	8.39E-03	2.39E-02	6.47E-09	4.38E-08	1.46E+00	1.87E-01	1.14E-02	2.53E-01	6.01E-02	1.12E-01	4.28E+02	1.51E+00	2.42E-08	9.68E-08	1.64E-02	1.01E-04	2.43E+00	8.25E-01	4.39E+02	7.86E-05	4.39E+02	4.64E+02	3.33E+00	0.00E+00	0.00E+00	0.00E+00	2.65E+00
M-AB11015	9.65E-02	1.34E+01	-5.79E-02	1.47E+01	0.00E+00	0.00E+00	3.34E+01	1.58E-05	1.26E-02	1.47E-01	2.02E-02	8.98E-01	2.76E-08	1.76E-07	2.16E+00	2.58E-02	2.69E-02	1.11E+00	1.05E-01	3.88E-01	9.30E+02	3.29E+00	8.85E-08	4.85E-07	6.56E-02	1.11E-04	4.03E+00	2.05E+00	9.83E+02	2.34E-04	9.83E+02	9.77E+02	6.39E+00	0.00E+00	0.00E+00	0.00E+00	4.80E+00
M-AB13505	2.43E-02	7.47E+00	-3.67E-02	7.65E+00	0.00E+00	0.00E+00	2.31E+01	1.09E-05	4.42E-03	4.55E-02	1.04E-02	2.47E-02	8.19E-09	5.35E-08	1.62E+00	2.86E-02	1.40E-02	2.96E-01	6.19E-02	1.39E-01	4.96E+02	2.02E+00	2.79E-08	1.21E-07	1.73E-02	7.84E-05	2.21E+00	1.02E+00	5.04E+02	8.48E-05	5.04E+02	5.64E+02	3.24E+00	0.00E+00	0.00E+00	0.00E+00	2.67E+00
M-AB13510	4.55E-02	1.18E+01	-5.59E-02	1.30E+01	0.00E+00	0.00E+00	2.93E+01	1.58E-05	6.83E-03	7.39E-02	1.67E-02	8.34E-01	1.31E-08	1.11E-07	2.06E+00	2.12E-02	2.22E-02	9.34E-01	9.36E-02	2.22E-01	6.64E+02	2.41E+00	8.70E-08	2.32E-07	2.65E-02	9.88E-05	2.79E+00	1.63E+00	7.09E+02	1.96E-04	7.09E+02	6.78E+02	4.24E+00	0.00E+00	0.00E+00	0.00E+00	4.13E+00
M-AB13515	1.16E-01	1.90E+01	-4.70E-02	1.96E+01	1.34E-06	0.00E+00	3.81E+01	1.57E-05	1.53E-02	1.69E-01	2.20E-02	1.05E+00	3.95E-08	1.82E-07	2.27E+00	2.79E-02	2.93E-02	1.88E+00	1.11E-01	5.17E-01	1.10E+03	3.42E+00	1.45E-07	7.66E-07	6.95E-02	1.29E-04	4.07E+00	2.22E+00	1.25E+03	2.46E-04	1.25E+03	1.24E+03	6.27E+00	0.00E+00	0.00E+00	0.00E+00	4.84E+00
M-AB4505	1.19E-02	3.36E+00	-1.44E-02	3.49E+00	1.44E-09	0.00E+00	8.55E+00	5.30E-06	1.94E-03	2.12E-02	4.46E-03	2.40E-02	3.67E-09	2.50E-08	1.24E+00	1.57E-02	6.06E-03	1.39E-01	2.98E-02	8.40E-02	2.54E+02	9.01E-01	1.60E-08	6.75E-08	7.73E-03	8.22E-05	1.94E+00	4.43E-01	2.59E+02	5.17E-05	2.59E+02	2.37E+02	2.51E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00
M-AB4510	1.65E-02	4.34E+00	-1.71E-02	4.36E+00	0.00E+00	0.00E+00	1.14E+01	6.54E-06	2.45E-03	2.69E-02	6.49E-03	7.81E-01	4.67E-09	3.61E-08	1.10E+00	6.82E-03	8.80E-03	5.75E-01	3.66E-02	1.09E-01	3.26E+02	9.69E-01	3.49E-08	8.45E-08	1.02E-02	1.00E-04	1.75E+00	6.45E-01	3.56E+02	5.08E-05	3.56E+02	3.14E+02	2.01E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
M-AB4515	2.12E-02	5.16E+00	-2.66E-02	5.08E+00	7.30E-08	0.00E+00	1.74E+01	7.66E-06	3.52E-03	4.16E-02	8.35E-03	7.80E-01	6.21E-09	4.06E-08	1.12E+00	1.87E-01	1.13E-02	6.01E-01	5.26E-02	1.12E-01	4.34E+02	1.32E+00	3.12E-08	9.68E-08	1.73E-02	1.11E-04	2.19E+00	8.19E-01	4.50E+02	6.65E-05	4.50E+02	4.33E+02	2.47E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+00
M-AB4520	2.69E-02	7.92E+00	-3.53E-02	7.95E+00	0.00E+00	0.00E+00	2.03E+01	1.01E-05	4.67E-03	5.02E-02	1.03E-02	7.80E-01	7.92E-09	5.97E-08	1.13E+00	2.22E-02	1.40E-02	6.78E-01	5.63E-02	1.26E-01	5.23E+02	1.85E+00	3.78E-08	1.32E-07	1.94E-02	8.26E-05	1.95E+00	1.02E+00	5.32E+02	8.34E-05	5.32E+02	5.17E+02	2.91E+00	0.00E+00	0.00E+00	0.00E+00	2.43E+00
M-AB6005	1.18E-02	3.37E+00	-2.09E-02	3.39E+00	0.00E+00	0.00E+00	1.05E+01	6.63E-06	1.98E-03	2.16E-02	5.49E-03	2.58E-02	4.09E-09	2.62E-08	1.45E+00	2.68E-03	7.43E-03	1.26E-01	2.81E-02	9.51E-02	2.24E+02	8.80E-01	1.73E-08	6.50E-08	7.55E-03	1.79E-05	2.60E+00	5.44E-01	2.25E+02	4.45E-05	2.25E+02	2.28E+02	3.14E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
M-AB6015	4.02E-02	8.51E+00	-4.26E-02	8.55E+00	0.00E+00	0.00E+00	2.38E+01	1.44E-05	5.51E-03	5.96E-02	1.12E-02	2.21E-01	1.04E-08	8.91E-08	1.25E+00	1.93E-03	1.51E-02	2.86E-01	5.46E-02	1.61E-01	4.51E+02	1.76E+00	7.23E-08	2.11E-07	2.20E-02	3.47E-05	1.81E+00	1.11E+00	4.53E+02	8.82E-05	4.53E+02	4.56E+02	2.92E+00	0.00E+00	0.00E+00	0.00E+00	2.34E+00
M-AB6020	4.09E-02	1.03E+01	-4.98E-02	1.01E+01	0.00E+00	0.00E+00	2.72E+01	1.58E-05	5.98E-03	6.49E-02	1.30E-02	7.90E-01	1.20E-08	9.19E-08	1.40E+00	2.06E-02	1.76E-02	7.02E-01	7.08E-02	1.77E-01	5.94E+02	2.16E+00	6.90E-08	2.14E-07	2.35E-02	8.47E-05	1.93E+00	1.29E+00	6.06E+02	1.08E-04	6.06E+02	6.05E+02	3.22E+00	0.00E+00	0.00E+00	0.00E+00	3.08E+00
M-AB6025	4.98E-02	1.19E+01	-5.94E-02	1.32E+01	0.00E+00	0.00E+00	3.03E+01	1.58E-05	7.11E-03	7.84E-02	1.96E-02	3.43E+00	1.57E-08	1.25E-07	2.18E+00	2.60E-02	2.64E-02	1.52E+00	1.06E-01	2.38E-01	8.44E+02	2.82E+00	8.38E-08	2.57E-07	2.88E-02	9.66E-05	4.03E+00	1.98E+00	9.04E+02	1.66E-04	9.04E+02	8.85E+02	6.67E+00	0.00E+00	0.00E+00	0.00E+00	4.64E+00
M-AB6030	1.13E-01	1.84E+01	-5.87E-02	1.95E+01	0.00E+00	0.00E+00	3.65E+01	1.58E-05	1.52E-02	1.67E-01	2.06E-02	3.57E+00	3.43E-08	1.83E-07	2.23E+00	2.60E-02	2.74E-02	1.61E+00	1.08E-01	4.35E-01	9.32E+02	3.70E+00	8.52E-08	6.61E-07	7.04E-02	1.20E-04	4.04E+00	2.06E+00	1.03E+03	2.34E-04	1.03E+03	9.97E+02	6.21E+00	0.00E+00	0.00E+00	0.00E+00	4.75E+00
M-AB6040	1.22E-01	2.89E+01	-4.11E-02	2.68E+01	1.04E-05	0.00E+00	5.46E+01	1.57E-05	1.79E-02	2.04E-01	2.68E-02	3.64E+00	4.17E-08	2.11E-07	2.44E+00	5.80E-02	3.61E-02	2.77E+00	1.22E-01	5.23E-01	1.71E+03	4.38E+00	2.23E-07	7.80E-07	7.96E-02	1.38E-04	4.20E+00	2.65E+00	1.81E+03	2.49E-04	1.81E+03	1.75E+03	6.61E+00	0.00E+00	0.00E+00	0.00E+00	5.33E+00
M-AB7020	4.53E-02	1.22E+01	-5.26E-02	1.30E+01	0.00E+00	0.00E+00	2.92E+01	1.58E-05	6.86E-03	7.38E-02	1.51E-02	8.34E-01	1.34E-08	1.10E-07	2.03E+00	2.09E-02	2.04E-02	7.92E-01	7.58E-02	2.20E-01	6.58E+02	2.29E+00	8.70E-08	2.32E-07	2.68E-02	9.78E-05	2.80E+00	1.50E+00	6.87E+02	1.54E-04	6.87E+02	6.71E+02	4.05E+00	0.00E+00	0.00E+00	0.00E+00	3.30E+00
M-AB7025	1.11E-01	1.81E+01	-5.86E-02	1.92E+01	0.00E+00	0.00E+00	3.65E+01	1.58E-05	1.47E-02	1.63E-01	2.04E-02	3.56E+00	3.11E-08	1.82E-07	2.21E+00	2.60E-02	2.72E-02	1.61E+00	1.08E-01	4.29E-01	8.92E+02	3.70E+00	8.52E-08	6.31E-07	7.05E-02	1.26E-04	4.05E+00	2.06E+00	9.79E+02	2.34E-04	9.79E+02	9.47E+02	6.21E+00	0.00E+00	0.00E+00	0.00E+00	4.75E+00
M-AB7030	1.15E-01	1.91E+01	-4.49E-02	1.96E+01	0.00E+00	0.00E+00	3.90E+01	1.58E-05	1.53E-02	1.69E-01	2.38E-02	3.62E+00	3.99E-08	1.82E-07	2.33E+00	2.89E-02	3.20E-02	2.28E+00	1.10E-01	5.19E-01	1.08E+03	3.83E+00	1.45E-07	7.70E-07	6.95E-02	1.24E-04	4.08E+00	2.37E+00	1.24E+03	2.47E-04	1.24E+03	1.22E+03	6.48E+00	0.00E+00	0.00E+00	0.00E+00	4.83E+00
M-AB7040	1.29E-01	3.57E+01	-5.27E-02	3.51E+01	8.63E-06	0.00E+00	7.57E+01	1.56E-05	2.16E-02	2.41E-01	2.91E

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M-BLR9018	3.62E-01	1.09E+02	-7.51E-01	1.11E+02	9.02E-03	0.00E+00	8.10E+02	1.49E-04	6.28E-02	6.83E-01	1.58E-01	4.66E+00	1.45E-07	8.75E-07	1.40E+02	1.70E+01	2.17E-01	8.95E+00	8.05E-01	3.53E+00	5.56E+03	2.14E+01	8.11E-07	1.79E-06	2.43E-01	2.47E-03	1.47E+01	1.58E+01	5.47E+03	8.52E-04	5.47E+03	5.56E+03	2.89E+01	0.00E+00	0.00E+00	0.00E+00	3.43E+01
M-BLR9018-MKII	3.62E-01	1.09E+02	-6.41E-01	1.11E+02	9.02E-03	0.00E+00	8.05E+02	1.38E-04	6.27E-02	6.82E-01	1.57E-01	4.66E+00	1.34E-07	8.66E-07	1.40E+02	1.70E+01	2.16E-01	8.70E+00	7.98E-01	3.51E+00	5.56E+03	2.10E+01	8.11E-07	1.79E-06	2.43E-01	2.47E-03	1.47E+01	1.58E+01	5.44E+03	8.52E-04	5.44E+03	5.49E+03	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.39E+01
M-BLR9020	3.62E-01	1.09E+02	-7.72E-01	1.11E+02	9.02E-03	0.00E+00	8.10E+02	1.49E-04	6.28E-02	6.83E-01	1.62E-01	4.66E+00	1.47E-07	8.79E-07	1.40E+02	1.70E+01	2.23E-01	9.06E+00	8.22E-01	3.53E+00	5.66E+03	2.14E+01	8.39E-07	1.79E-06	2.43E-01	2.47E-03	1.49E+01	1.66E+01	5.58E+03	8.72E-04	5.58E+03	5.65E+03	3.05E+01	0.00E+00	0.00E+00	0.00E+00	3.47E+01
M-BLR9020-MKII	3.78E-01	1.09E+02	-7.77E-01	1.09E+02	9.02E-03	0.00E+00	8.53E+02	1.58E-04	6.21E-02	6.76E-01	1.66E-01	4.66E+00	1.39E-07	8.77E-07	1.40E+02	1.70E+01	2.29E-01	8.94E+00	8.21E-01	3.53E+00	6.11E+03	2.12E+01	8.12E-07	1.81E-06	2.41E-01	2.47E-03	1.48E+01	1.68E+01	5.94E+03	8.60E-04	5.94E+03	6.13E+03	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.47E+01
M-BLR9022	3.77E-01	1.09E+02	-7.84E-01	1.09E+02	9.02E-03	0.00E+00	8.39E+02	1.58E-04	6.21E-02	6.75E-01	1.66E-01	4.66E+00	1.49E-07	8.73E-07	1.40E+02	1.70E+01	2.29E-01	9.23E+00	8.21E-01	3.53E+00	6.05E+03	2.14E+01	8.39E-07	1.78E-06	2.41E-01	2.47E-03	1.48E+01	1.71E+01	6.13E+03	8.72E-04	6.13E+03	6.08E+03	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.47E+01
M-BLR9022-MKII	4.99E-01	1.42E+02	-8.49E-01	1.51E+02	9.02E-03	0.00E+00	8.50E+02	1.59E-04	8.30E-02	9.03E-01	2.18E-01	4.66E+00	1.60E-07	1.11E-06	1.40E+02	1.70E+01	2.97E-01	9.50E+00	1.28E+00	3.56E+00	6.50E+03	2.23E+01	8.44E-07	1.88E-06	3.28E-01	2.48E-03	1.50E+01	2.28E+01	6.38E+03	8.98E-04	6.38E+03	6.72E+03	3.55E+01	0.00E+00	0.00E+00	0.00E+00	5.50E+01
M-BN200	2.46E-01	5.53E+01	9.45E-02	7.51E+01	4.62E-03	0.00E+00	3.24E+02	8.47E-05	4.72E-02	3.12E-01	3.08E-02	4.21E+00	4.79E-08	1.83E-06	8.08E+01	1.01E+01	5.51E-02	2.16E+00	8.15E-01	2.62E+00	4.63E+02	1.92E+00	1.20E-06	3.02E-06	9.98E-02	3.21E-03	1.05E+01	6.77E+00	1.80E+03	1.05E-03	1.80E+03	9.55E+02	1.66E+01	0.00E+00	0.00E+00	0.00E+00	2.49E+01
M-BSB100	4.28E-02	9.75E+00	-2.21E-02	9.59E+00	0.00E+00	0.00E+00	4.22E+01	1.39E-05	5.38E-03	5.93E-02	1.14E-02	3.03E-01	1.45E-08	4.38E-07	1.77E+00	6.85E-01	1.55E-02	4.69E-01	1.10E-01	6.23E-01	4.40E+02	2.41E+00	1.67E-07	2.28E-07	2.21E-02	2.03E-04	2.68E+00	1.17E+00	4.47E+02	1.04E-04	4.47E+02	4.63E+02	4.01E+00	0.00E+00	0.00E+00	0.00E+00	4.49E+00
M-BSB105	5.58E-02	1.15E+01	-2.05E-02	1.11E+01	0.00E+00	0.00E+00	4.19E+01	1.63E-05	8.06E-03	9.01E-02	1.21E-02	3.17E-01	1.48E-08	4.42E-07	2.01E+00	6.86E-01	1.64E-02	4.74E-01	1.24E-01	6.49E-01	4.60E+02	3.40E+00	1.81E-07	2.45E-07	3.33E-02	2.04E-04	3.73E+00	1.24E+00	4.62E+02	1.14E-04	4.62E+02	4.71E+02	4.60E+00	0.00E+00	0.00E+00	0.00E+00	5.04E+00
M-BSB110	5.59E-02	1.14E+01	-2.13E-02	1.13E+01	0.00E+00	0.00E+00	4.15E+01	1.65E-05	7.63E-03	8.58E-02	1.26E-02	3.19E-01	1.50E-08	4.42E-07	2.07E+00	6.86E-01	1.70E-02	4.77E-01	1.22E-01	6.53E-01	4.53E+02	3.66E+00	1.68E-07	2.53E-07	3.30E-02	2.04E-04	3.31E+00	1.28E+00	4.55E+02	1.13E-04	4.55E+02	4.64E+02	3.95E+00	0.00E+00	0.00E+00	0.00E+00	4.99E+00
M-BSB115	5.66E-02	1.18E+01	-2.33E-02	1.15E+01	0.00E+00	0.00E+00	4.18E+01	1.70E-05	7.73E-03	8.68E-02	1.30E-02	3.19E-01	1.48E-08	4.15E-07	2.07E+00	4.56E-01	1.76E-02	4.80E-01	1.27E-01	6.61E-01	4.53E+02	3.67E+00	1.68E-07	2.54E-07	3.32E-02	2.03E-04	3.20E+00	1.32E+00	4.55E+02	8.46E-05	4.55E+02	4.65E+02	3.86E+00	0.00E+00	0.00E+00	0.00E+00	5.23E+00
M-BSB120	5.74E-02	1.20E+01	-2.38E-02	1.16E+01	0.00E+00	0.00E+00	4.18E+01	1.68E-05	7.74E-03	8.77E-02	1.31E-02	3.22E-01	1.48E-08	3.71E-07	2.06E+00	3.99E-01	1.77E-02	4.80E-01	1.27E-01	6.67E-01	4.62E+02	3.67E+00	1.74E-07	2.55E-07	3.33E-02	2.04E-04	3.13E+00	1.31E+00	4.61E+02	8.51E-05	4.61E+02	4.74E+02	3.85E+00	0.00E+00	0.00E+00	0.00E+00	5.23E+00
M-BSB125	5.84E-02	1.25E+01	-2.42E-02	1.26E+01	0.00E+00	0.00E+00	4.18E+01	1.68E-05	8.13E-03	9.11E-02	1.44E-02	3.22E-01	1.50E-08	3.71E-07	2.14E+00	3.99E-01	1.96E-02	4.83E-01	1.25E-01	6.67E-01	4.74E+02	3.67E+00	1.74E-07	2.57E-07	3.42E-02	2.06E-04	3.21E+00	1.46E+00	4.77E+02	8.97E-05	4.77E+02	4.88E+02	3.95E+00	0.00E+00	0.00E+00	0.00E+00	5.25E+00
M-BSB130	5.80E-02	1.42E+01	-3.31E-02	1.44E+01	0.00E+00	0.00E+00	4.00E+01	1.67E-05	8.65E-03	9.45E-02	1.47E-02	3.70E-01	1.41E-08	3.00E-07	2.23E+00	2.28E-01	2.00E-02	4.93E-01	1.30E-01	6.85E-01	5.08E+02	3.80E+00	1.62E-07	2.58E-07	3.59E-02	2.12E-04	3.25E+00	1.49E+00	4.98E+02	7.49E-05	4.98E+02	5.20E+02	4.11E+00	0.00E+00	0.00E+00	0.00E+00	5.51E+00
M-BSB135	5.87E-02	1.45E+01	-3.50E-02	1.49E+01	0.00E+00	0.00E+00	4.04E+01	1.67E-05	8.76E-03	9.61E-02	1.53E-02	3.93E-01	1.38E-08	3.10E-07	2.78E+00	2.50E-01	2.09E-02	5.09E-01	1.33E-01	6.65E-01	6.22E+02	4.00E+00	1.72E-07	2.62E-07	3.65E-02	2.19E-04	3.31E+00	1.56E+00	6.03E+02	1.21E-04	6.03E+02	6.12E+02	4.27E+00	0.00E+00	0.00E+00	0.00E+00	5.81E+00
M-BSB140	5.90E-02	1.48E+01	-3.61E-02	1.49E+01	0.00E+00	0.00E+00	4.04E+01	1.68E-05	8.75E-03	9.64E-02	1.57E-02	4.43E-01	1.49E-08	3.10E-07	2.84E+00	2.08E-01	2.14E-02	7.57E-01	1.38E-01	6.67E-01	6.44E+02	3.96E+00	1.65E-07	2.62E-07	3.68E-02	2.19E-04	3.29E+00	1.58E+00	6.26E+02	1.21E-04	6.26E+02	6.30E+02	4.44E+00	0.00E+00	0.00E+00	0.00E+00	6.02E+00
M-BSB145	5.80E-02	1.44E+01	-3.78E-02	1.49E+01	0.00E+00	0.00E+00	4.04E+01	1.65E-05	8.76E-03	9.64E-02	1.70E-02	4.47E-01	1.43E-08	3.10E-07	2.64E+00	2.08E-01	2.32E-02	7.86E-01	1.42E-01	6.65E-01	6.40E+02	3.96E+00	1.63E-07	2.62E-07	3.68E-02	2.19E-04	3.28E+00	1.69E+00	6.30E+02	1.21E-04	6.30E+02	6.28E+02	4.82E+00	0.00E+00	0.00E+00	0.00E+00	6.18E+00
M-BSB150	5.79E-02	1.44E+01	-3.78E-02	1.49E+01	0.00E+00	0.00E+00	4.04E+01	1.65E-05	8.73E-03	9.63E-02	1.77E-02	4.58E-01	1.47E-08	3.10E-07	2.71E+00	2.09E-01	2.44E-02	7.91E-01	1.47E-01	6.67E-01	7.05E+02	3.99E+00	1.60E-07	2.62E-07	3.55E-02	2.26E-04	3.57E+00	1.78E+00	6.72E+02	1.23E-04	6.72E+02	6.70E+02	4.87E+00	0.00E+00	0.00E+00	0.00E+00	6.43E+00
M-BSB155	6.10E-02	1.46E+01	-3.73E-02	1.52E+01	0.00E+00	0.00E+00	4.06E+01	1.66E-05	8.96E-03	9.81E-02	1.91E-02	4.62E-01	1.63E-08	3.10E-07	2.71E+00	2.09E-01	2.62E-02	8.18E-01	1.45E-01	6.86E-01	8.17E+02	4.07E+00	1.60E-07	2.83E-07	3.74E-02	2.28E-04	4.47E+00	1.94E+00	8.03E+02	1.37E-04	8.03E+02	8.09E+02	6.87E+00	0.00E+00	0.00E+00	0.00E+00	6.36E+00
M-BSB160	1.05E-01	1.63E+01	-3.73E-02	1.65E+01	0.00E+00	0.00E+00	4.63E+01	1.66E-05	1.31E-02	1.48E-01	1.95E-02	5.00E-01	2.84E-08	3.12E-07	2.71E+00	2.09E-01	2.67E-02	8.23E-01	1.45E-01	8.31E-01	8.77E+02	5.04E+00	1.60E-07	4.85E-07	6.37E-02	2.40E-04	4.34E+00	1.97E+00	8.53E+02	1.40E-04	8.53E+02	8.60E+02	6.59E+00	0.00E+00	0.00E+00	0.00E+00	6.43E+00
M-BSB165	1.07E-01	1.69E+01	-3.73E-02	1.71E+01	0.00E+00	0.00E+00	4.74E+01	1.66E-05	1.34E-02	1.51E-01	1.95E-02	5.23E-01	2.77E-08	3.12E-07	2.72E+00	2.09E-01	2.68E-02	8.22E-01	1.49E-01	8.32E-01	8.97E+02	5.13E+00	1.60E-07	5.01E-07	6.44E-02	2.53E-04	4.71E+00	1.96E+00	8.75E+02	1.36E-04	8.75E+02	8.71E+02	6.44E+00	0.00E+00	0.00E+00	0.00E+00	6.61E+00
M-BSB170	1.20E-01	1.77E+01	-3.73E-02	1.79E+01	0.00E+00	0.00E+00	4.86E+01	1.66E-05	1.34E-02	1.51E-01	1.96E-02	6.54E-01	3.12E-08	3.14E-07	2.64E+00	2.09E-01	2.69E-02	8.92E-01	1.49E-01	8.48E-01	9.00E+02	5.39E+00	1.60E-07	6.33E-07	6.64E-02	2.54E-04	4.79E+00	1.97E+00	8.79E+02	1.36E-04	8.79E+02	8.75E+02	6.48E+00	0.00E+00	0.00E+00	0.00E+00	6.60E+00
M-BSB175	1.21E-01	2.03E+01	-3.72E-02	2.05E+01	0.00E+00	0.00E+00	5.06E+01	1.66E-05	1.48E-02	1.62E-01	1.98E-02	6.45E-01	3.14E-08	3.16E-07	2.64E+00	2.01E-01	2.71E-02	8.94E-01	1.49E-01	8.83E-01	9.07E+02	5.39E+00	1.60E-07	6.35E-07	6.74E-02	2.58E-04	4.79E+00	1.99E+00	8.92E+02	1.36E-04	8.92E+02	8.83E+02	6.45E+00	0.00E+00	0.00E+00	0.00E+00	6.60E+00
M-BSB180	1.37E-01	2.07E+01	-3.56E-02	2.09E+01	0.00E+00	0.00E+00	5.29E+01	1.66E-05	1.54E-02	1.66E-01	2.03E-02	5.88E-01	3.57E-08	3.09E-07	2.69E+00	2.02E-01	2.78E-02	8.96E-01	1.49E-01	9.23E-01	9.57E+02	5.36E+00	1.69E-07	6.75E-07	6.92E-02	2.58E-04	4.90E+00	2.04E+00	9.11E+02	1.31E-04	9.11E+02	9.03E+02	6.83E+00	0.00E+00	0.00E+00	0.00E+00	6.60E+00
M-BSB185	1.41E-01	2.07E+01	-3.22E-02	2.10E+01	0.00E+00	0.00E+00	5.49E+01	1.66E-05	1.53E-02	1.65E-01	2.09E-02	6.52E-01	3.89E-08	3.09E-07	2.70E+00	2.02E-01	2.86E-02	8.96E-01	1.50E-01	9.37E-01	9.61E+02	5.39E+00	1.74E-07	7.36E-07	6.89E-02	2.58E-04	4.91E+00	2.11E+00	9.09E+02	1.31E-04	9.09E+02	9.05E+02	6.84E+00	0.00E+00	0.00E+00	0.00E+00	6.60E+00
M-BSB190	1.42E-01	2.08E+01	-3.13E-02	2.08E+01	0.00E+00	0.00E+00	5.63E+01	1.66E-05	1.54E-02	1.67E-01	2.12E-02	6.46E-01	3.91E-08	3.11E-07	2.71E+00	2.02E-01	2.90E-02	8.96E-01	1.50E-01	9.37E-01	9.63E+02	5.41E+00	1.80E-07	7.67E-07	6.92E-02	2.58E-04	4.91E+00	2.14E+00	9.19E+02	1.31E-04	9.19E+02	9.14E+02	6.84E+00	0.00E+00	0.00E+00	0.00E+00	6.60E+00
M-BSB195	1.41E-01	2.09E+01	-2.90E-02	2.09E+01	1.08E-06	0.00E+00	5.65E+01	1.66E-05	1.54E-02	1.66E-01	2.15E-02	6.37E-01	3.88E-08	3.10E-07	2.79E+00	1.99E-01	2.94E-02	9.19E-01	1.50E-01	9.97E-01	9.63E+02	5.29E+00	1.99E-07	7.79E-07	6.88E-02	2.59E-04	5.12E+00	2.16E+00	9.21E+02	1.31E-04	9.21E+02	9.21E+02	6.88E+00	0.00E+00	0.00E+00	0.00E+00	6.60E+00
M-BSB200	1.41E-01	2.09E+01	-2.58E-02	2.09E+01	1.08E-06	0.00E+00	5.65E+01	1.66E-05	1.53E-02	1.67E-01	2.35E-02	6.22E-01	3.88E-08	3.15E-07	2.80E+00	2.00E-01	3.21E-02	9.21E-01	1.50E-01	1.01E+00	9.60E+02	5.39E+00	2.00E-07	7.74E-07	6.88E-02	2.59E-04	5.15E+00	2.34E+00	9.18E+02	1.32E-04	9.18E+02	9.25E+02	7.01E+00	0.00E+00	0.00E+00	0.00E+00	6.61E+00
M-BSB205	1.41E-01	2.09E+01	-2.58E-02	2.09E+01	1.08E-06	0.00E+00	5.65E+01	1.66E-05	1.53E-02	1.67E-01	2.36E-02	6.17E-01	3.91E-08	3.15E-07	2.81E+00	2.00E-01	3.23E-02	9.23E-01	1.50E-01	1.01E+00	9.76E+02	5.60E+00	2.00E-07	7.74E-07	6.88E-02	2.60E-04	5.15E+00	2.35E+00	9.45E+02	1.33E-04	9.45E+02	9.37E+02	7.04E+00	0.00E+00	0.00E+00	0.00E+00	6.62E+00
M-BSB210	1.43E-01	2.17E+01	-2.47E-02	2.11E+01	2.35E-05	0.00E+00	6.22E+01	1.66E-05	1.60E-02	1.76E-01	2.49E-02	6.07E-01	3.63E-08	3.21E-07	2.92E+00	2.25E-01	3.29E-02	9.43E-01	1.50E-01	1.02E+00	9.81E+02	5.60E+00	2.67E-07	7.76E-07	7.23E-02	2.60E-04	5.18E+00	2.39E+00	9.49E+02	1.33E-04	9.49E+02	9.43E+02	7.15E+00	0.00E+00	0.00E+00	0.00E+00	6.63E+00
M-BSB215	1.47E-01	2.22E+01	-2.42E-02	2.20E+01	2.35E-05	0.00E+00	6.50E+01	1.66E-05	1.65E-02	1.81E-01	2.44E-02	6.07E-01	3.73E-08	3.14E-07	2.98E+00	2.25E-01	3.34E-02	9.44E-01	1.51E-01	1.02E+00	9.82E+02	5.60E+00	2.67E-07	7.77E-07	7.52E-02	2.60E-04	5.19E+00	2.54E+00	9.56E+02	1.33E-04	9.56E+02	9.54E+02	7.17E+00	0.00E+00	0.00E+00	0.00E+00	6.65E+00
M-BSB220	1.48E-01	2.53E+01	-2.35E-02	2.49E+01	2.42E-05	0.00E+00	6.60E+01	1.65E-05	1.70E-02	1.85E-01	2.47E-02	6.03E-01	3.73E-08	3.41E-07	2.98E+00	2.25E-01	3.37E-02	9.44E-01	1.51E-01	1.03E+00	1.08E+03	5.85E+00	2.67E-07	7.81E-07	7.86E-02	2.68E-04	5.20E+00	2.56E+00	1.04E+03	1.36E-04	1.04E+03	1.03E+03	7.23E+00	0.00E+00	0.00E+00	0.00E+00	6.70E+00
M-BSB225	1.56E-01	2.93E+01	-2.27E-02	2.88E+01	0.00E+00	0.00E+00	7.62E+01	1.70E-05	1.84E-02	2.03E-01	2.65E-02	8.43E-01	4.69E-08	2.74E-07	2.71E+00	2.03E-01	3.63E-02	9.98E-01	1.50E-01	9.78E-01	1.16E+03	6.03E+00	2.67E-07	8.17E-07	8.19E-02	2.58E-04	4.17E+00	2.65E+00	1.21E+03	1.17E-04	1.21E+03	1.19E+03	6.74E+00	0.00E+00	0.00E+00	0.00E+00	6.53E+00
M-BSB230	1.58E-01	2.99E+01	-2.30E-02	2.92E+01	0.00E+00	0.00E+00	8.11E+01	1.70E-05	2.03E-02	2.20E-01	2.66E-02	8.52E-01	4.91E-08	2.80E-07	2.70E+00	2.03E-01	3.66E-02	9.98E-01	1.50E-01	9.78E-01	1.15E+03	6.03E+00	2.67E-07	8.52E-07	8.78E-02	2.58E-04	4.17E+00	2.66E+00	1.21E+03	1.18E-04	1.21E+03	1.18E+03	6.74E+00	0.00E+00	0.00E+00	0.00E+00	6.53E+00
M-BSB235	1.63E-01	2.99E+01	-1.99E-02	2.91E+01	0.00E+00	0.00E+00	8.36E+01	1.70E-05	2.05E-02	2.23E-01	2.71E-02	8.63E-01	5.33E-08	2.81E-07	2.68E+00	2.03E-01	3.70E-02	9.98E-01	1.50E-01	9.78E-01	1.15E+03	6.26E+00	2.74E-07	8.75E-07	9.24E-02	2.58E-04	4.17E+00	2.69E+00	1.20E+03	1.18E-04	1.20E+03	1.18E+03	6.74E+00	0.00E+00	0.00E+00	0.00E+00	6.54E+00
M-BSB240	1.64E-01	3.57E+01	-2.03E-02	3.48E+01	0.00E+00	0.00E+00	9.19E+01	1.70E-05	2.23E-02	2.41E-01	2.75E-02	8.83E-01	5.36E-08	2.79E-07	2.40E+00	1.95E-01	3.76E-02	9.57E-01	1.46E-01	9.78E-01	1.09E+03	6.22E+00	2.64E-07	8.94E-07	9.62E-02	2.51E-04	4.16E+00	2.73E+00	1.16E+03	8.16E-05	1.16E+03	1.15E+03	6.76E+00	0.00E+00	0.00E+00	0.00E+00	6.30E+00
M-BSB245	1.64E-01	3.61E+01	-2.03E-02	3.52E+01	0.00E+00	0.00E+00	9.28E+01	1.67E-05	2.24E-02	2.42E-01	2.87E-02	8.83E-01	5.37E-08	2.79E-07	2.40E+00	1.95E-01	3.90E-02	9.64E-01	1.47E-01	9.77E-01	1.09E+03	6.22E+00	2.65E-07	9.08E-07	9.74E-02	2.51E-04	4.18E+00	2.85E+00	1.17E+03	8.17E-05	1.17E+03	1.16E+03	6.76E+00	0.00E+00	0.00E+00	0.00E+00	6.36E+00
M-BSB250	1.64E-01	3.61E+01	-2.86E-02	3.52E+01	0.00E+00	0.00E+00	9.28E+01	1.65E-05	2.24E-02	2.42E-01	2.87E-02	8.83E-01	5.30E-08	2.79E-07	2.36E+00	1.95E-01	3.90E-02	9.64E-01	1.47E-01	9.77E-01	1.09E+03	6.22E+00	2.64E-07	9.08E-07	9.74E-02	2.51E-04	4.13E+00	2.85E+00	1.17E+03	8.17E-05	1.17E+03	1.16E+03	6.76E+00	0.00E+00	0.00E+00	0.00E+00	6.36E+00
M-BSB30	7.24E-02	2.09E+00	6.40E-02	2.07E+00	3.25E-07	0.00E+00	4.06E+01	3.94E-06	1.73E-03	2.01E-02	3.44E-03	2.85E-01	1.66E-08	9.01E-07	1.02E+00	1.83E+00	4.63E-03	1.11E-01	9.15E-02	2.95E-01	1.60E+02	5.91E-01	3.56E-07	3.83E-07	1.05E-02	2.13E-04	1.97E+00	3.43E-01	1.52E+02	5.58E-04	1.52E+02	1.36E+02	2.84E+00	0.00E+00	0.00E+00	0.00E+00	3.77E+00
M-BSB35	8.48E-02	2.55E+00	6.81E-02	2.49E+00	3.28E-07	0.00E+00	4.32E+01	3.99E-06	1.85E-03	2.06E-02	3.77E-03	2.99E-01	1.59E-08	1.04E-06	1.02E+00	2.19E+00	5.06E-03	1.23E-01	9.00E-02	3.13E-01	1.61E+02	5.44E-01	4.31E-07	4.30E-07	1.01E-02	2.22E-04	1.99E+00	3.76E-01	1.55E+02	5.78E-04	1.55E+02	1.42E+02	2.82E+00	0.00E+00	0.00E+00	0.00E+00	3.79E+00
M-BSB40	9.58E-02	3.15E+00	6.65E-02	3.14E+00	3.58E-07	0.00E+00	4.74E+01	4.20E-06	1.97E-03	2.33E-02	4.39E-03	2.96E-01	1.52E-08	1.17E-06	1.06E+00	2.27E+00	5.94E-03	1.59E-01	1.11E-01	2.75E-01	2.14E+02	8.82E-01	4.91E-07	4.89E-07	1.10E-02	1.55E-04	2.30E+00	4.38E-01	1.98E+02	6.45E-04	1.98E+02	1.80E+02	3.42E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+00
M-BSB50	9.78E-02	4.05E+00	5.39E-02	4.03E+00	2.99E-07	0.00E+00	5.40E+01	4.22E-06	2.53E-03	3.06E-02	5.45E-03	2.98E-01	1.66E-08	1.24E-06	1.15E+00	2.09E+00	7.35E-03	1.63E-01	1.35E-01	2.89E-01	2.77E+02	8.03E-01	5.29E-07	4.84E-07	1.41E-02	1.56E-04	2.61E+00	5.45E-01	3.16E+02	6.85E-04	3.16E+02	2.70E+02	4.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E+00
M-BSB60	8.90E-02	4.38E+00	5.30E-02	4.40E+00	3.36E-07	0.00E+00	5.21E+01	5.48E-06	2.64E-03	3.16E-02	6.73E-03	3.02E-01	1.77E-08	1.41E-06	1.42E+00	2.63E+00	9.11E-03	2.04E-01	1.69E-01	2.50E-01	2.98E+02	9.46E-01	6.19E-07	4.38E-07	1.46E-02	1.37E-04	2.65E+00	6.74E-01	3.26E+02	9.11E-04	3.26E+02	2.90E+02	5.04E+00	0.00E+00	0.00E+00	0.00E+00	7.25E+00
M-BSB65	1.18E-01	4.41E+00	5.83E-02	4.34E+00	3.50E-07	0.00E+00	6.51E+01	5.44E-06	2.68E-03	3.27E-02	6.78E-03	2.38E-01	1.83E-08	2.00E-06	1.11E-09	2.79E+00	9.19E-03	1.99E-01	1.68E-01	3.45E-01	3.91E+02	9.35E-01	6.72E-07	5.49E-07	1.52E-02	3.05E-04	5.02E+00	6.79E-01	4.06E+02	1.03E-03	4.06E+02	4.15E+02	5.59E+00	0.00E+00	0.00E+00	0.00E+00	7.12E+00
M-BSB70	9.52E-02	4.64E+00	5.18E-02	4.65E+00	5.15E-07	0.00E+00	6.12E+01	6.19E-06	3.81E-03	4.61E-02	8.22E-03	3.03E-01	1.95E-08	1.40E-06	1.44E+00	2.94E+00	1.11E-02	4.23E-01	1.91E-01	3.17E-01	3.13E+02	1.35E+00	5.69E-07	4.26E-07	2.27E-02	2.11E-04	2.88E+00	8.10E-01	3.40E+02	8.32E-04	3.40E+02	3.14E+02	5.36E+00	0.00E+00	0.00E+00	0.00E+00	8.16E+00
M-BSB75	8.61E-02	5.59E+00	3.54E-02	5.44E+00	8.95E-08	0.00E+00	4.88E+01	6.20E-06	3.87E-03	4.64E-02	8.30E-03	3.03E-01	1.83E-08	1.28E-06	1.49E+00	1.58E+00	1.13E-02	4.47E-01	1.55E-01	3.11E-01	3.33E+02	1.40E+00	5.57E-07	3.45E-07	2.03E-02	2.16E-04	2.84E+00	8.16E-01	3.56E+02	7.70E-04	3.56E+02	3.36E+02	5.68E+00	0.00E+00	0.00E+00	0.00E+00	6.54E+00
M-BSB80	4.86E-02	7.17E+00	4.03E-04	7.27E+00	1.66E-08	0.00E+00	4.85E+01	6.53E-

M-DBL16060	1.49E-01	4.99E+01	-2.38E-01	5.01E+01	0.00E+00	0.00E+00	1.92E+02	6.02E-05	2.68E-02	2.68E-01	7.26E-02	3.95E-01	6.29E-08	3.44E-07	2.41E+00	4.51E-02	9.89E-02	2.34E+00	5.81E-01	7.42E-01	2.79E+03	5.82E+00	2.47E-07	9.15E-07	1.03E-01	2.41E-04	5.34E+00	7.38E+00	2.83E+03	5.59E-04	2.83E+03	2.92E+03	1.80E-01	0.00E+00	0.00E+00	0.00E+00	2.44E+01
M-DBL16080	2.58E-01	6.48E+01	-3.83E-01	6.70E+01	0.00E+00	0.00E+00	4.52E+02	6.81E-05	3.68E-02	3.99E-01	9.77E-02	3.22E-01	7.82E-08	5.28E-07	2.54E+00	4.42E-02	1.31E-01	2.70E+00	5.90E-01	8.45E-01	1.01E+04	5.75E+00	3.20E-07	1.12E-06	1.43E-01	2.49E-04	6.23E+00	9.79E+00	1.00E+04	9.76E-04	1.00E+04	1.05E+04	1.88E-01	0.00E+00	0.00E+00	0.00E+00	2.91E+01
M-DBL30100	1.16E-01	2.31E+01	-2.51E-02	2.29E+01	1.04E-05	0.00E+00	5.25E+01	1.32E-05	1.56E-02	1.70E-01	2.36E-02	4.88E-01	4.14E-08	1.97E-07	2.97E+00	9.49E-02	3.20E-02	2.10E+00	1.94E-01	7.25E-01	1.82E+03	4.24E+00	1.86E-07	7.37E-07	8.69E-02	2.66E-04	4.42E+00	2.34E+00	1.84E+03	2.47E-04	1.84E+03	1.85E+03	7.01E+00	0.00E+00	0.00E+00	0.00E+00	8.22E+00
M-DBL3030	2.92E-02	7.66E+00	-1.18E-02	6.98E+00	0.00E+00	0.00E+00	1.44E+01	5.44E-06	4.76E-03	5.16E-02	5.92E-03	5.39E-02	5.01E-09	6.20E-08	1.76E+00	7.08E-03	8.01E-03	2.04E-01	5.42E-02	5.46E-01	3.26E+02	1.15E+00	1.49E-08	1.67E-07	2.02E-02	2.31E-04	3.37E+00	5.92E-01	3.63E+02	5.50E-05	3.63E+02	3.47E+02	3.32E+00	0.00E+00	0.00E+00	0.00E+00	2.19E+00
M-DBL3040	3.72E-02	8.30E+00	-3.04E-02	9.91E+00	7.30E-08	0.00E+00	2.19E+01	6.32E-06	5.10E-03	5.59E-02	6.36E-03	5.34E-02	6.51E-09	6.99E-08	1.87E+00	1.84E-01	1.13E-02	2.66E-01	6.80E-02	5.33E-01	4.13E+02	1.35E+00	1.85E-08	1.78E-07	2.24E-02	2.44E-04	3.88E+00	8.21E-01	4.06E+02	7.88E-05	4.06E+02	4.08E+02	4.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E+00
M-DBL3050	4.02E-02	1.08E+01	-3.23E-02	1.18E+01	0.00E+00	0.00E+00	3.16E+01	1.04E-05	6.18E-03	6.45E-02	1.07E-02	5.16E-02	9.07E-09	8.39E-08	2.10E+00	3.18E-02	1.45E-02	3.99E-01	9.08E-02	4.43E-01	5.41E+02	2.06E+00	2.65E-08	2.04E-07	2.46E-02	2.13E-04	3.80E+00	1.06E+00	5.27E+02	9.17E-05	5.27E+02	5.50E+02	4.47E+00	0.00E+00	0.00E+00	0.00E+00	3.51E+00
M-DBL3060	5.99E-02	1.36E+01	-3.34E-02	1.36E+01	0.00E+00	0.00E+00	3.54E+01	1.32E-05	8.41E-03	9.13E-02	1.31E-02	5.16E-02	1.21E-08	1.09E-07	2.68E+00	7.19E-02	1.77E-02	4.89E-01	1.01E-01	4.78E-01	7.19E+02	2.50E+00	4.43E-08	2.79E-07	3.53E-02	2.25E-04	4.00E+00	1.30E+00	7.16E+02	1.37E-04	7.16E+02	7.37E+02	4.65E+00	0.00E+00	0.00E+00	0.00E+00	4.08E+00
M-DBL3080	9.58E-02	1.92E+01	-3.94E-02	1.91E+01	0.00E+00	0.00E+00	4.46E+01	1.32E-05	1.38E-02	1.53E-01	1.99E-02	2.11E-01	2.74E-08	1.87E-07	2.88E+00	6.93E-02	2.67E-02	1.51E+00	1.52E-01	5.90E-01	1.17E+03	3.53E+00	4.88E-08	4.91E-07	6.22E-02	2.44E-04	4.53E+00	1.96E+00	1.18E+03	2.44E-04	1.18E+03	1.19E+03	6.91E+00	0.00E+00	0.00E+00	0.00E+00	6.43E+00
M-DBL3090	1.12E-01	2.29E+01	-3.44E-02	2.28E+01	1.34E-08	0.00E+00	4.83E+01	1.33E-05	1.53E-02	1.68E-01	2.10E-02	4.78E-01	3.88E-08	1.95E-07	2.92E+00	6.30E-02	2.84E-02	2.03E+00	1.88E-01	6.79E-01	1.33E+03	3.74E+00	6.39E-08	7.68E-07	6.58E-02	2.58E-04	4.28E+00	2.10E+00	1.42E+03	2.46E-04	1.42E+03	1.41E+03	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.89E+00
M-DBL3530	3.03E-02	7.70E+00	-1.92E-02	9.22E+00	0.00E+00	0.00E+00	1.57E+01	5.31E-06	4.75E-03	5.22E-02	6.80E-03	5.33E-02	5.22E-09	6.37E-08	1.80E+00	6.80E-03	9.22E-03	2.33E-01	5.34E-02	4.79E-01	3.42E+02	1.19E+00	1.62E-08	1.79E-07	2.03E-02	2.31E-04	3.41E+00	6.76E-01	3.66E+02	6.00E-05	3.66E+02	3.45E+02	3.45E+00	0.00E+00	0.00E+00	0.00E+00	2.15E+00
M-DBL3540	3.87E-02	9.49E+00	-3.22E-02	1.11E+01	0.00E+00	0.00E+00	2.83E+01	8.24E-06	5.86E-03	6.14E-02	1.02E-02	5.14E-02	7.84E-09	7.85E-08	2.10E+00	2.76E-02	1.37E-02	2.94E-01	7.47E-02	4.37E-01	4.79E+02	1.85E+00	2.18E-08	1.90E-07	2.42E-02	2.15E-04	3.95E+00	1.00E+00	4.73E+02	8.34E-05	4.73E+02	4.82E+02	4.43E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
M-DBL3550	5.56E-02	1.26E+01	-3.38E-02	1.30E+01	0.00E+00	0.00E+00	3.45E+01	1.29E-05	8.27E-03	8.98E-02	1.27E-02	5.51E-02	1.10E-08	9.99E-08	2.13E+00	3.09E-02	1.72E-02	4.29E-01	9.66E-02	4.67E-01	6.70E+02	2.06E+00	4.42E-08	2.58E-07	3.45E-02	2.18E-04	3.71E+00	1.26E+00	6.61E+02	9.99E-05	6.61E+02	6.97E+02	4.39E+00	0.00E+00	0.00E+00	0.00E+00	3.83E+00
M-DBL3560	6.11E-02	1.67E+01	-3.31E-02	1.69E+01	0.00E+00	0.00E+00	3.88E+01	1.32E-05	9.53E-03	1.03E-01	1.51E-02	9.76E-02	1.30E-08	1.23E-07	2.92E+00	8.16E-02	2.04E-02	6.53E-01	1.08E-01	5.11E-01	8.44E+02	2.50E+00	4.90E-08	2.84E-07	3.84E-02	2.37E-04	4.09E+00	1.50E+00	8.47E+02	2.13E-04	8.47E+02	8.41E+02	5.08E+00	0.00E+00	0.00E+00	0.00E+00	4.57E+00
M-DBL3580	1.12E-01	2.29E+01	-3.41E-02	2.28E+01	7.37E-06	0.00E+00	4.83E+01	1.33E-05	1.53E-02	1.66E-01	2.10E-02	4.78E-01	3.88E-08	1.96E-07	2.93E+00	9.05E-02	2.84E-02	2.15E+00	1.95E-01	6.79E-01	1.80E+03	3.89E+00	6.31E-08	7.06E-07	6.56E-02	2.62E-04	4.28E+00	2.06E+00	1.82E+03	2.46E-04	1.82E+03	1.83E+03	6.71E+00	0.00E+00	0.00E+00	0.00E+00	8.29E+00
M-DBL40100	1.17E-01	3.54E+01	-1.01E-01	3.45E+01	7.78E-06	0.00E+00	8.24E+01	2.05E-05	2.14E-02	2.37E-01	2.94E-02	4.54E-01	3.92E-08	2.28E-07	1.92E+00	6.02E-02	3.96E-02	2.33E+00	2.06E-01	6.95E-01	2.00E+03	4.09E+00	2.07E-07	8.28E-07	8.46E-02	2.52E-04	4.08E+00	2.99E+00	2.00E+03	2.94E-04	2.00E+03	2.02E+03	6.90E+00	0.00E+00	0.00E+00	0.00E+00	9.30E+00
M-DBL4030	4.10E-02	8.54E+00	-2.87E-02	9.85E+00	1.79E-07	0.00E+00	2.32E+01	6.08E-06	5.12E-03	5.72E-02	8.29E-03	4.87E-02	6.55E-09	7.16E-08	2.40E+00	5.67E-01	1.12E-02	3.28E-01	7.29E-02	5.22E-01	4.58E+02	1.77E+00	1.81E-08	2.24E-07	2.33E-02	2.49E-04	3.95E+00	8.18E-01	4.58E+02	1.21E-04	4.58E+02	4.34E+02	4.07E+00	0.00E+00	0.00E+00	0.00E+00	3.03E+00
M-DBL4040	4.85E-02	1.21E+01	-3.30E-02	1.25E+01	0.00E+00	0.00E+00	3.29E+01	1.00E-05	8.02E-03	8.65E-02	1.19E-02	4.76E-02	9.45E-09	8.98E-08	2.57E+00	7.71E-02	1.61E-02	4.36E-01	9.70E-02	4.65E-01	6.15E+02	2.50E+00	3.30E-08	2.32E-07	3.23E-02	2.24E-04	4.02E+00	1.17E+00	5.98E+02	1.17E-04	5.98E+02	6.06E+02	4.39E+00	0.00E+00	0.00E+00	0.00E+00	3.83E+00
M-DBL4050	6.11E-02	1.67E+01	-3.31E-02	1.69E+01	0.00E+00	0.00E+00	3.88E+01	1.32E-05	9.54E-03	1.03E-01	1.50E-02	6.46E-02	1.29E-08	1.23E-07	2.92E+00	8.14E-02	2.03E-02	4.76E-01	1.08E-01	5.30E-01	8.28E+02	2.63E+00	4.49E-08	2.82E-07	3.84E-02	2.38E-04	4.09E+00	1.49E+00	8.31E+02	1.89E-04	8.31E+02	8.30E+02	5.06E+00	0.00E+00	0.00E+00	0.00E+00	4.45E+00
M-DBL4060	9.43E-02	1.71E+01	-3.83E-02	1.76E+01	0.00E+00	0.00E+00	4.43E+01	1.34E-05	1.32E-02	1.46E-01	1.95E-02	1.93E-01	2.80E-08	1.86E-07	2.46E+00	3.09E-02	2.66E-02	1.06E+00	1.30E-01	6.04E-01	1.14E+03	2.95E+00	4.87E-08	4.78E-07	6.23E-02	2.37E-04	4.14E+00	1.95E+00	1.12E+03	2.44E-04	1.12E+03	1.16E+03	6.73E+00	0.00E+00	0.00E+00	0.00E+00	5.45E+00
M-DBL4080	1.18E-01	2.55E+01	-2.32E-02	2.52E+01	1.04E-05	0.00E+00	5.75E+01	1.34E-05	1.87E-02	1.84E-01	2.44E-02	4.53E-01	4.33E-08	2.07E-07	2.62E+00	6.47E-02	3.30E-02	2.16E+00	1.63E-01	7.12E-01	1.83E+03	3.94E+00	1.99E-07	7.57E-07	7.46E-02	2.89E-04	4.32E+00	2.49E+00	1.85E+03	2.51E-04	1.85E+03	1.87E+03	6.99E+00	0.00E+00	0.00E+00	0.00E+00	6.73E+00
M-DBL4090	1.25E-01	3.47E+01	-1.98E-02	3.39E+01	8.63E-06	0.00E+00	8.33E+01	1.39E-05	2.14E-02	2.38E-01	2.74E-02	5.05E-01	4.93E-08	2.28E-07	2.63E+00	6.29E-02	3.66E-02	2.29E+00	1.66E-01	7.06E-01	1.83E+03	4.11E+00	2.13E-07	8.53E-07	8.74E-02	2.58E-04	4.32E+00	2.71E+00	1.88E+03	2.72E-04	1.88E+03	1.89E+03	6.91E+00	0.00E+00	0.00E+00	0.00E+00	6.90E+00
M-DBL4560	1.12E-01	2.25E+01	-3.76E-02	2.25E+01	0.00E+00	0.00E+00	4.82E+01	1.36E-05	1.54E-02	1.66E-01	2.06E-02	4.27E-01	3.88E-08	1.98E-07	2.48E+00	3.18E-02	2.79E-02	1.59E+00	1.48E-01	6.54E-01	1.27E+03	2.98E+00	6.07E-08	6.94E-07	6.69E-02	2.52E-04	4.15E+00	2.06E+00	1.34E+03	2.46E-04	1.34E+03	1.36E+03	6.49E+00	0.00E+00	0.00E+00	0.00E+00	6.22E+00
M-DBL4580	1.23E-01	3.47E+01	-2.21E-02	3.39E+01	8.63E-06	0.00E+00	8.29E+01	1.37E-05	2.14E-02	2.38E-01	2.79E-02	5.05E-01	4.93E-08	2.28E-07	2.62E+00	6.29E-02	3.77E-02	2.27E+00	1.68E-01	7.06E-01	1.84E+03	4.11E+00	2.12E-07	8.50E-07	8.74E-02	2.58E-04	4.32E+00	2.78E+00	1.88E+03	2.70E-04	1.88E+03	1.89E+03	6.91E+00	0.00E+00	0.00E+00	0.00E+00	6.90E+00
M-DBL5030	4.03E-02	9.71E+00	-3.18E-02	1.11E+01	0.00E+00	0.00E+00	2.85E+01	8.24E-06	5.91E-03	6.27E-02	1.02E-02	4.86E-02	7.90E-09	8.06E-08	2.58E+00	7.16E-02	1.37E-02	3.55E-01	7.70E-02	4.45E-01	5.27E+02	2.28E+00	2.18E-08	2.04E-07	2.48E-02	2.22E-04	4.01E+00	1.00E+00	5.31E+02	1.08E-04	5.31E+02	5.15E+02	4.47E+00	0.00E+00	0.00E+00	0.00E+00	3.18E+00
M-DBL5040	6.10E-02	1.65E+01	-3.34E-02	1.66E+01	0.00E+00	0.00E+00	3.83E+01	1.32E-05	9.40E-03	1.02E-01	1.46E-02	5.24E-02	1.28E-08	1.21E-07	2.82E+00	7.40E-02	1.98E-02	4.70E-01	1.02E-01	5.13E-01	8.10E+02	2.53E+00	4.41E-08	2.81E-07	3.84E-02	2.34E-04	4.11E+00	1.45E+00	8.00E+02	1.89E-04	8.00E+02	8.07E+02	5.04E+00	0.00E+00	0.00E+00	0.00E+00	4.15E+00
M-DBL5050	9.58E-02	1.92E+01	-3.94E-02	1.91E+01	0.00E+00	0.00E+00	4.46E+01	1.32E-05	1.38E-02	1.53E-01	1.99E-02	2.11E-01	2.74E-08	1.87E-07	2.88E+00	6.93E-02	2.67E-02	1.51E+00	1.52E-01	5.90E-01	1.17E+03	3.53E+00	4.88E-08	4.91E-07	6.22E-02	2.44E-04	4.53E+00	1.96E+00	1.18E+03	2.44E-04	1.18E+03	1.19E+03	6.91E+00	0.00E+00	0.00E+00	0.00E+00	6.43E+00
M-DBL5060	1.11E-01	2.28E+01	-2.85E-02	2.23E+01	1.04E-05	0.00E+00	4.97E+01	1.35E-05	1.54E-02	1.68E-01	2.13E-02	4.55E-01	3.88E-08	1.89E-07	2.51E+00	7.19E-02	2.88E-02	1.98E+00	1.58E-01	7.12E-01	1.77E+03	3.29E+00	1.02E-07	7.41E-07	6.53E-02	2.58E-04	4.18E+00	2.13E+00	1.78E+03	2.47E-04	1.78E+03	1.81E+03	6.62E+00	0.00E+00	0.00E+00	0.00E+00	6.65E+00
M-DBL5080	1.18E-01	3.53E+01	-1.01E-01	3.45E+01	7.78E-06	0.00E+00	8.30E+01	2.05E-05	2.14E-02	2.37E-01	2.94E-02	4.53E-01	4.04E-08	2.28E-07	1.93E+00	6.02E-02	3.94E-02	2.35E+00	2.06E-01	6.95E-01	1.99E+03	4.09E+00	2.07E-07	8.29E-07	8.53E-02	2.52E-04	4.08E+00	2.89E+00	2.00E+03	2.94E-04	2.00E+03	2.02E+03	6.90E+00	0.00E+00	0.00E+00	0.00E+00	9.31E+00
M-DBL60100	1.20E-01	3.63E+01	-1.51E-01	3.57E+01	6.86E-07	0.00E+00	8.92E+01	2.22E-05	1.98E-02	2.14E-01	4.64E-02	4.21E-01	4.72E-08	2.35E-07	1.91E+00	4.87E-02	6.27E-02	1.65E+00	2.23E-01	6.90E-01	2.20E+03	4.31E+00	2.02E-07	8.12E-07	8.06E-02	2.34E-04	4.24E+00	4.66E+00	2.17E+03	4.04E-04	2.17E+03	2.19E+03	9.10E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+01
M-DBL6030	5.09E-02	1.22E+01	-3.29E-02	1.27E+01	0.00E+00	0.00E+00	3.27E+01	1.28E-05	8.06E-03	8.69E-02	1.23E-02	4.77E-02	9.52E-09	9.06E-08	2.57E+00	7.72E-02	1.66E-02	4.40E-01	9.75E-02	4.70E-01	6.47E+02	2.49E+00	3.41E-08	2.32E-07	3.29E-02	2.25E-04	4.05E+00	1.22E+00	6.44E+02	1.19E-04	6.44E+02	6.50E+02	4.33E+00	0.00E+00	0.00E+00	0.00E+00	3.93E+00
M-DBL6040	6.33E-02	1.72E+01	-3.88E-02	1.75E+01	0.00E+00	0.00E+00	3.96E+01	1.32E-05	9.70E-03	1.06E-01	1.91E-02	1.50E-01	1.61E-08	1.35E-07	2.84E+00	8.93E-02	2.62E-02	9.56E-01	1.44E-01	5.49E-01	1.07E+03	2.48E+00	5.63E-08	3.08E-07	3.90E-02	2.38E-04	4.70E+00	1.92E+00	1.07E+03	2.32E-04	1.07E+03	1.08E+03	7.33E+00	0.00E+00	0.00E+00	0.00E+00	6.11E+00
M-DBL6050	1.11E-01	2.29E+01	-2.79E-02	2.24E+01	1.04E-05	0.00E+00	4.96E+01	1.32E-05	1.53E-02	1.66E-01	2.15E-02	4.70E-01	3.88E-08	1.91E-07	2.94E+00	1.03E-01	2.90E-02	2.06E+00	1.94E-01	7.16E-01	1.81E+03	4.00E+00	1.15E-07	7.33E-07	6.51E-02	2.64E-04	4.32E+00	2.14E+00	1.82E+03	2.47E-04	1.82E+03	1.84E+03	6.77E+00	0.00E+00	0.00E+00	0.00E+00	8.21E+00
M-DBL6060	1.25E-01	3.45E+01	-1.98E-02	3.36E+01	1.04E-05	0.00E+00	8.25E+01	1.42E-05	2.13E-02	2.37E-01	2.69E-02	5.05E-01	4.89E-08	2.26E-07	2.63E+00	6.29E-02	3.64E-02	2.14E+00	1.66E-01	7.13E-01	1.83E+03	4.11E+00	2.13E-07	8.38E-07	8.61E-02	2.59E-04	4.32E+00	2.66E+00	1.88E+03	2.64E-04	1.88E+03	1.89E+03	6.91E+00	0.00E+00	0.00E+00	0.00E+00	6.92E+00
M-DBL6080	1.15E-01	3.43E+01	-1.23E-01	3.38E+01	2.46E-06	0.00E+00	8.12E+01	2.11E-05	1.88E-02	2.06E-01	3.65E-02	4.55E-01	4.00E-08	2.18E-07	1.92E+00	6.02E-02	4.90E-02	1.64E+00	2.18E-01	6.98E-01	1.94E+03	4.14E+00	2.03E-07	8.00E-07	7.93E-02	2.48E-04	4.04E+00	3.59E+00	1.92E+03	3.38E-04	1.92E+03	1.91E+03	8.71E+00	0.00E+00	0.00E+00	0.00E+00	9.56E+00
M-DBL6090	1.19E-01	3.51E+01	-1.43E-01	3.40E+01	1.92E-06	0.00E+00	8.71E+01	2.17E-05	1.92E-02	2.11E-01	4.10E-02	4.14E-01	4.41E-08	2.33E-07	1.92E+00	4.86E-02	5.56E-02	1.59E+00	2.19E-01	6.89E-01	2.01E+03	4.11E+00	2.01E-07	7.71E-07	8.02E-02	2.36E-04	4.21E+00	4.06E+00	1.99E+03	3.73E-04	1.99E+03	2.00E+03	8.46E+00	0.00E+00	0.00E+00	0.00E+00	9.70E+00
M-DBL7030	6.10E-02	1.65E+01	-3.34E-02	1.66E+01	0.00E+00	0.00E+00	3.83E+01	1.32E-05	9.40E-03	1.02E-01	1.46E-02	5.24E-02	1.28E-08	1.21E-07	2.82E+00	7.40E-02	1.98E-02	4.70E-01	1.02E-01	5.13E-01	7.71E+02	2.53E+00	4.41E-08	2.81E-07	3.84E-02	2.34E-04	4.11E+00	1.45E+00	7.69E+02	1.64E-04	7.69E+02	7.85E+02	5.04E+00	0.00E+00	0.00E+00	0.00E+00	4.15E+00
M-DBL7040	1.09E-01	2.29E+01	-3.92E-02	2.27E+01	0.00E+00	0.00E+00	4.79E+01	1.33E-05	1.54E-02	1.67E-01	2.01E-02	3.54E-01	3.55E-08	1.97E-07	2.92E+00	6.23E-02	2.74E-02	1.62E+00	1.83E-01	6.34E-01	1.30E+03	3.68E+00	4.85E-08	6.49E-07	6.64E-02	2.58E-04	4.27E+00	2.01E+00	1.38E+03	2.44E-04	1.38E+03	1.38E+03	6.65E+00	0.00E+00	0.00E+00	0.00E+00	7.78E+00
M-DBL7050	1.19E-01	2.93E+01	-2.42E-02	2.91E+01	1.04E-05	0.00E+00	6.71E+01	1.41E-05	1.78E-02	2.00E-01	2.60E-02	4.77E-01	4.37E-08	2.12E-07	2.99E+00	9.39E-02	3.53E-02	2.22E+00	2.02E-01	7.22E-01	1.88E+03	4.50E+00	1.94E-07	7.49E-07	7.52E-02	2.67E-04	4.46E+00	2.58E+00	1.93E+03	2.54E-04	1.93E+03	1.93E+03	7.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E+00
M-DBL7060	1.17E-01	3.54E+01	-1.01E-01	3.46E+01	6.79E-06	0.00E+00	8.24E+01	2.05E-05	2.14E-02	2.37E-01	2.94E-02	4.57E-01	3.93E-08	2.27E-07	1.92E+00	6.02E-02	3.96E-02	2.06E+00	2.06E-01	6.95E-01	2.00E+03	4.09E+00	2.07E-07	8.28E-07	8.46E-02	2.52E-04	4.08E+00	2.99E+00	2.01E+03	2.95E-04	2.01E+03	2.02E+03	6.90E+00	0.00E+00	0.00E+00	0.00E+00	9.30E+00
M-DBL7080	1.19E-01	3.53E+01	-1.44E-01	3.43E+01	1.92E-06	0.00E+00	8.78E+01	2.17E-05	1.96E-02	2.15E-01	4.19E-02	4.21E-01	4.68E-08	2.36E-07	1.99E+00	4.86E-02	5.71E-02	1.64E+00	2.22E-01	6.89E-01	2.05E+03	4.11E+00	2.01E-07	7.74E-07	8.06E-02	2.36E-04	4.21E+00	4.16E+00	2.00E+03	3.80E-04	2.00E+03	2.03E+03	8.78E+00	0.00E+00	0.00E+00	0.00E+00	9.79E+00
M-DBL80100	1.40E-01	4.62E+01	-1.83E-01	4.52E+01	0.00E+00	0.00E+00	1.47E+02	4.43E-05	2.48E-02	2.66E-01	6.21E-02	4.69E-01	5.31E-08	2.92E-07	2.01E+00	4.29E-02	8.46E-02	1.77E+00	5.56E-01	7.18E-01	2.67E+03	4.83E+00	1.85E-07	8.52E-07	9.47E-02	2.34E-04	5.55E+00	6.20E+00	2.69E+03	5.16E-04	2.69E+03	2.68E+03	1.50E+01	0.00E+00	0.00E+00	0.00E+00	2.32E+01
M-DBL8030	6.06E-02	1.71E+01	-3.76E-02	1.71E+01	4.08E-05	0.00E+00	3.81E+01	1.33E-05	9.70E-03	1.05E-01	1.77E-02	9.75E-02	1.43E-08	1.27E-07	3.07E+00	1.18E-01	2.41E-02	9.23E-01	1.40E-01	5.01E-01	9.55E+02	2.43E+00	5.55E-08	2.97E-07	3.75E-02	2.38E-04	4.58E+00	1.73E+00	9.68E+02	2.28E-04	9.68E+02	9.45E+02	5.82E+00	0.00E+00	0.00E+00	0.00E+00	5.95E+00
M-DBL8040	1.08E-01	2.34E+01	-2.80E-02	2.26E+01	5.65E-06	0.00E+00	4.98E+01	1.33E-05	1.52E-02	1.66E-01	2.35E-02	3.38E-01	2.86E-08	1.90E-07	3.25E+00	1.82E-01	3.17E-02	2.14E+00	2.01E-01	6.98E-01	1.84E+03	4.13E+00	9.63E-08	7.16E-07	6.40E-02	2.66E-04	4.76E+00	2.32E+00	1.86E+03	2.49E-04	1.86E+03	1.87E+03	7.26E+00	0.00E+00	0.00E+00	0.00E+00	8.49E+00
M-DBL8050	1.20E-01	3.55E+01	-9.99E-02	3.48E+01	5.76E-05	0.00E+00	8.71E+01	1.51E-05	2.15E-02	2.37E-01	2.88E-02	3.34E-01	3.42E-08	2.29E-07	3.06E+00	1.79E-01	3.88E-02	2.34E+00	2.30E-01	6.83E-01	1.94E+03	4.59E+00	1.83E-07	8.40E-07	8.64E-02	2.63E-04	4.62E+00	2.84E+00	1.96E+03	2.78E-04	1.96E+03	1.96E+03	7.20E+00	0.00E+00	0.00E+00	0.00E+00	9.54E+00
M-DBL8060	1.15E-01	3.44E+01	-1.23E-01	3.41E+01	2.46E-06	0.00E+00	8.18E+01	2.10E-05	1.95E-02	2.14E-01	3.43E-02	4.58E-01	3.95E-08	2.21E-07	1.92E+00	6.01E-02	4.56E-02	1.64E+00	2.44E-01	7.02E-01	1.94E+03	4.12E+00	1.90E-07	8.07E-07	8.09E-02	2.51E-04	4.06E+00	3.36E+00	1.93E+03	3.35E-04	1.93E+03	1.92E+03	8.22E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+01
M-DBL8080	1.27E-01	3.98E+01	-1.51E-01	3.86E+01	6.86E-07	0.00E+00	9.61E+01	2.60E-05	2.07E-02	2.25E-01	4.92E-02	4.24E-01	4.86E-08	2.52E-07	1.98E+00	4.86E-02	6.65E-02	1.64E+00	4.49E-01	7.02E-01	2.36E+03	4.35E+00	1.87E-07	8.05E-07	8.41E-02	2.34E-04	4.28E+00	4.86E+00	2.35E+03	4.51E-04	2.35E+03	2.40E+03	1.38E+01	0.00E+00	0.00E+00	0.00E+00	1.88E+01
M-DBL8090	1.30E-01	4.15E+01	-1.83E-01	4.08E+01

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M-DBLG12040	1.14E-01	3.57E+01	-1.01E-01	3.49E+01	5.48E-06	0.00E+00	7.81E+01	2.19E-05	2.10E-02	2.32E-01	3.00E-02	5.14E-01	3.78E-08	2.18E-07	1.76E+00	2.94E-01	4.02E-02	1.67E+00	1.82E-01	5.51E-01	2.01E+03	3.94E+00	2.15E-07	8.04E-07	8.28E-02	2.39E-04	3.73E+00	2.96E+00	2.03E+03	3.17E-04	2.03E+03	2.05E+03	6.72E+00	0.00E+00	0.00E+00	0.00E+00	8.37E+00
M-DBLG12050	1.17E-01	3.55E+01	-1.44E-01	3.46E+01	1.95E-06	0.00E+00	8.87E+01	2.21E-05	1.94E-02	2.14E-01	4.21E-02	4.72E-01	4.50E-08	2.33E-07	1.94E+00	2.89E-01	5.73E-02	1.66E+00	1.87E-01	5.41E-01	2.04E+03	3.92E+00	2.12E-07	7.57E-07	7.92E-02	2.29E-04	3.90E+00	4.19E+00	2.00E+03	3.79E-04	2.00E+03	2.03E+03	8.62E+00	0.00E+00	0.00E+00	0.00E+00	8.53E+00
M-DBLG12060	1.25E-01	4.10E+01	-1.82E-01	3.95E+01	7.16E-07	0.00E+00	1.31E+02	3.55E-05	2.12E-02	2.31E-01	5.40E-02	4.81E-01	4.99E-08	2.57E-07	1.83E+00	3.14E-01	7.33E-02	1.70E+00	3.76E-01	5.57E-01	2.36E+03	4.17E+00	2.11E-07	8.07E-07	8.43E-02	2.28E-04	3.93E+00	5.36E+00	2.37E+03	4.62E-04	2.37E+03	2.41E+03	1.40E+01	0.00E+00	0.00E+00	0.00E+00	1.80E+01
M-DBLG12080	1.47E-01	5.16E+01	-2.42E-01	5.03E+01	2.98E-08	0.00E+00	2.32E+02	6.23E-05	2.71E-02	2.91E-01	7.32E-02	5.34E-01	6.16E-08	3.55E-07	1.99E+00	3.38E-01	1.00E-01	2.12E+00	4.26E-01	5.81E-01	2.89E+03	4.77E+00	3.08E-07	9.27E-07	1.04E-01	2.29E-04	4.95E+00	7.40E+00	2.92E+03	5.70E-04	2.92E+03	2.94E+03	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.84E+01
M-DBLG13030	1.18E-01	2.91E+01	-1.48E-02	2.86E+01	1.04E-05	0.00E+00	6.72E+01	1.43E-05	1.91E-02	2.13E-01	2.66E-02	5.28E-01	4.39E-08	2.09E-07	2.42E+00	2.99E-01	3.58E-02	2.15E+00	1.32E-01	5.45E-01	1.83E+03	3.71E+00	2.12E-07	7.88E-07	7.88E-02	2.40E-04	3.99E+00	2.64E+00	1.90E+03	2.63E-04	1.90E+03	1.91E+03	6.73E+00	0.00E+00	0.00E+00	0.00E+00	5.53E+00
M-DBLG13040	1.12E-01	3.47E+01	-1.23E-01	3.42E+01	2.49E-06	0.00E+00	7.91E+01	2.15E-05	1.88E-02	2.07E-01	3.63E-02	5.01E-01	3.81E-08	2.16E-07	1.75E+00	2.94E-01	4.85E-02	1.66E+00	1.86E-01	5.42E-01	1.93E+03	3.93E+00	2.12E-07	7.86E-07	7.85E-02	2.33E-04	3.71E+00	3.56E+00	1.92E+03	3.41E-04	1.92E+03	1.92E+03	8.07E+00	0.00E+00	0.00E+00	0.00E+00	8.46E+00
M-DBLG13050	1.18E-01	4.07E+01	-1.51E-01	3.90E+01	7.16E-07	0.00E+00	9.13E+01	2.26E-05	2.03E-02	2.20E-01	4.68E-02	4.74E-01	4.69E-08	2.41E-07	1.82E+00	2.89E-01	6.32E-02	1.70E+00	1.88E-01	5.55E-01	2.32E+03	4.10E+00	2.12E-07	8.06E-07	8.07E-02	2.28E-04	3.92E+00	4.64E+00	2.31E+03	4.41E-04	2.31E+03	2.35E+03	9.02E+00	0.00E+00	0.00E+00	0.00E+00	8.89E+00
M-DBLG13060	1.28E-01	4.20E+01	-1.82E-01	4.05E+01	2.98E-08	0.00E+00	1.41E+02	4.68E-05	2.17E-02	2.36E-01	5.84E-02	4.83E-01	4.93E-08	2.61E-07	1.83E+00	3.38E-01	7.86E-02	1.74E+00	3.82E-01	5.61E-01	2.47E+03	4.17E+00	2.11E-07	8.18E-07	8.60E-02	2.28E-04	4.10E+00	5.78E+00	2.43E+03	4.93E-04	2.43E+03	2.45E+03	1.43E+01	0.00E+00	0.00E+00	0.00E+00	1.67E+01
M-DBLG13080	1.99E-01	6.08E+01	-2.56E-01	6.18E+01	2.98E-08	0.00E+00	4.41E+02	6.38E-05	3.29E-02	3.50E-01	7.64E-02	5.29E-01	6.55E-08	4.51E-07	2.17E+00	3.38E-01	1.04E-01	2.15E+00	4.27E-01	6.06E-01	5.02E+03	4.77E+00	4.11E-07	1.01E-06	1.25E-01	2.33E-04	5.62E+00	7.53E+00	4.44E+03	5.99E-04	4.44E+03	4.26E+03	1.55E+01	0.00E+00	0.00E+00	0.00E+00	1.85E+01
M-DBLG13530	1.21E-01	3.08E+01	-1.18E-02	2.98E+01	1.04E-05	0.00E+00	7.22E+01	1.43E-05	1.96E-02	2.19E-01	2.73E-02	5.47E-01	4.69E-08	2.12E-07	2.42E+00	2.96E-01	3.68E-02	2.23E+00	1.34E-01	5.45E-01	1.83E+03	3.90E+00	2.20E-07	8.10E-07	8.07E-02	2.40E-04	3.99E+00	2.70E+00	1.89E+03	2.68E-04	1.89E+03	1.91E+03	6.73E+00	0.00E+00	0.00E+00	0.00E+00	5.58E+00
M-DBLG13540	1.11E-01	3.47E+01	-1.23E-01	3.40E+01	1.95E-06	0.00E+00	7.91E+01	2.15E-05	1.86E-02	2.06E-01	3.67E-02	5.14E-01	3.81E-08	2.15E-07	1.75E+00	2.94E-01	4.91E-02	1.62E+00	1.86E-01	5.42E-01	1.94E+03	3.93E+00	2.12E-07	7.67E-07	7.80E-02	2.33E-04	3.71E+00	3.61E+00	1.92E+03	3.43E-04	1.92E+03	1.92E+03	7.85E+00	0.00E+00	0.00E+00	0.00E+00	8.46E+00
M-DBLG13550	1.24E-01	4.00E+01	-1.51E-01	3.84E+01	7.16E-07	0.00E+00	9.49E+01	2.60E-05	2.06E-02	2.24E-01	4.87E-02	4.74E-01	4.69E-08	2.49E-07	1.83E+00	2.89E-01	6.56E-02	1.70E+00	3.08E-01	5.56E-01	2.37E+03	4.10E+00	2.11E-07	8.01E-07	8.28E-02	2.28E-04	3.92E+00	4.82E+00	2.35E+03	4.53E-04	2.35E+03	2.40E+03	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.36E+01
M-DBLG13560	1.37E-01	4.54E+01	-1.83E-01	4.42E+01	2.98E-08	0.00E+00	1.62E+02	4.70E-05	2.44E-02	2.62E-01	6.08E-02	4.91E-01	5.09E-08	2.85E-07	1.85E+00	3.38E-01	8.26E-02	1.75E+00	4.06E-01	5.61E-01	2.56E+03	4.49E+00	2.11E-07	8.30E-07	9.16E-02	2.28E-04	6.30E+00	6.05E+00	2.52E+03	5.12E-04	2.52E+03	2.54E+03	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.74E+01
M-DBLG13580	1.99E-01	6.13E+01	-2.86E-01	6.16E+01	2.98E-08	0.00E+00	5.02E+02	6.35E-05	3.31E-02	3.53E-01	8.00E-02	5.31E-01	6.66E-08	4.53E-07	2.16E+00	3.38E-01	1.09E-01	2.20E+00	4.29E-01	6.06E-01	5.05E+03	4.81E+00	4.27E-07	1.02E-06	1.25E-01	2.33E-04	5.62E+00	7.93E+00	4.47E+03	6.17E-04	4.47E+03	4.29E+03	1.54E+01	0.00E+00	0.00E+00	0.00E+00	1.87E+01
M-DBLG14030	1.21E-01	3.51E+01	-1.18E-02	3.44E+01	8.66E-06	0.00E+00	8.88E+01	1.40E-05	2.11E-02	2.34E-01	2.79E-02	5.47E-01	4.72E-08	2.25E-07	2.43E+00	2.96E-01	3.74E-02	2.31E+00	1.34E-01	5.44E-01	1.83E+03	3.90E+00	2.19E-07	8.40E-07	8.55E-02	2.40E-04	3.98E+00	2.76E+00	1.88E+03	2.75E-04	1.88E+03	1.90E+03	6.73E+00	0.00E+00	0.00E+00	0.00E+00	5.58E+00
M-DBLG14040	1.14E-01	3.49E+01	-1.43E-01	3.42E+01	1.95E-06	0.00E+00	8.02E+01	2.19E-05	1.87E-02	2.08E-01	4.05E-02	4.87E-01	4.14E-08	2.26E-07	1.78E+00	2.94E-01	5.50E-02	1.57E+00	1.83E-01	5.49E-01	1.97E+03	3.95E+00	2.12E-07	7.57E-07	7.82E-02	2.33E-04	3.92E+00	4.02E+00	1.95E+03	3.47E-04	1.95E+03	1.95E+03	8.31E+00	0.00E+00	0.00E+00	0.00E+00	8.45E+00
M-DBLG14050	1.24E-01	3.98E+01	-1.71E-01	3.85E+01	7.16E-07	0.00E+00	9.70E+01	2.79E-05	2.06E-02	2.24E-01	5.13E-02	4.76E-01	4.73E-08	2.49E-07	1.83E+00	2.89E-01	6.94E-02	1.70E+00	3.10E-01	5.57E-01	2.36E+03	4.17E+00	2.11E-07	8.04E-07	8.33E-02	2.28E-04	3.94E+00	5.06E+00	2.35E+03	4.58E-04	2.35E+03	2.39E+03	1.40E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+01
M-DBLG14060	1.38E-01	4.62E+01	-1.83E-01	4.49E+01	2.98E-08	0.00E+00	1.70E+02	4.77E-05	2.47E-02	2.65E-01	6.21E-02	5.22E-01	5.13E-08	2.88E-07	1.85E+00	3.38E-01	8.46E-02	1.80E+00	4.06E-01	5.61E-01	2.66E+03	4.69E+00	2.12E-07	8.51E-07	9.33E-02	2.28E-04	6.33E+00	6.20E+00	2.69E+03	5.20E-04	2.69E+03	2.67E+03	1.48E+01	0.00E+00	0.00E+00	0.00E+00	1.74E+01
M-DBLG14080	2.02E-01	6.13E+01	-3.03E-01	6.19E+01	2.98E-08	0.00E+00	5.14E+02	6.59E-05	3.34E-02	3.57E-01	9.28E-02	5.35E-01	7.06E-08	4.55E-07	2.16E+00	3.38E-01	1.24E-01	2.29E+00	4.35E-01	6.06E-01	5.52E+03	4.81E+00	4.26E-07	1.02E-06	1.26E-01	2.33E-04	5.64E+00	9.01E+00	5.00E+03	6.56E-04	5.00E+03	5.05E+03	1.55E+01	0.00E+00	0.00E+00	0.00E+00	1.90E+01
M-DBLG15030	1.15E-01	3.56E+01	-1.01E-01	3.48E+01	7.78E-06	0.00E+00	8.05E+01	2.09E-05	2.11E-02	2.33E-01	2.98E-02	4.98E-01	3.86E-08	2.25E-07	1.75E+00	2.93E-01	4.00E-02	2.29E+00	1.78E-01	5.40E-01	1.98E+03	3.88E+00	2.14E-07	8.16E-07	8.35E-02	2.39E-04	3.74E+00	2.94E+00	2.01E+03	2.93E-04	2.01E+03	2.03E+03	6.72E+00	0.00E+00	0.00E+00	0.00E+00	8.19E+00
M-DBLG15040	1.15E-01	3.53E+01	-1.44E-01	3.44E+01	1.95E-06	0.00E+00	8.83E+01	2.21E-05	1.92E-02	2.11E-01	4.15E-02	4.64E-01	4.44E-08	2.31E-07	1.85E+00	2.89E-01	5.65E-02	1.62E+00	1.84E-01	5.40E-01	2.00E+03	3.90E+00	2.12E-07	7.59E-07	7.91E-02	2.29E-04	3.90E+00	4.13E+00	1.98E+03	3.76E-04	1.98E+03	2.00E+03	8.72E+00	0.00E+00	0.00E+00	0.00E+00	8.49E+00
M-DBLG15050	1.27E-01	4.14E+01	-1.82E-01	4.04E+01	7.16E-07	0.00E+00	1.33E+02	4.30E-05	2.15E-02	2.33E-01	5.45E-02	4.81E-01	4.69E-08	2.58E-07	1.83E+00	3.14E-01	7.41E-02	1.70E+00	3.72E-01	5.60E-01	2.37E+03	4.17E+00	2.11E-07	8.12E-07	8.51E-02	2.28E-04	3.94E+00	5.42E+00	2.37E+03	4.80E-04	2.37E+03	2.41E+03	1.40E+01	0.00E+00	0.00E+00	0.00E+00	1.62E+01
M-DBLG15060	1.43E-01	4.85E+01	-2.08E-01	4.84E+01	2.98E-08	0.00E+00	2.10E+02	6.18E-05	2.56E-02	2.80E-01	6.68E-02	5.45E-01	5.45E-08	3.16E-07	1.92E+00	3.38E-01	9.09E-02	1.92E+00	4.26E-01	5.81E-01	2.68E+03	5.16E+00	2.85E-07	8.80E-07	9.90E-02	2.29E-04	5.18E+00	6.68E+00	2.72E+03	5.32E-04	2.72E+03	2.74E+03	1.51E+01	0.00E+00	0.00E+00	0.00E+00	1.83E+01
M-DBLG15080	2.27E-01	6.26E+01	-3.05E-01	6.34E+01	2.98E-08	0.00E+00	5.12E+02	7.01E-05	3.47E-02	3.71E-01	9.33E-02	5.57E-01	7.53E-08	4.68E-07	2.15E+00	3.37E-01	1.25E-01	2.37E+00	4.34E-01	6.13E-01	1.20E+04	4.83E+00	4.33E-07	1.06E-06	1.32E-01	2.35E-04	5.68E+00	9.10E+00	1.15E+04	8.48E-04	1.15E+04	1.19E+04	1.58E+01	0.00E+00	0.00E+00	0.00E+00	1.86E+01
M-DBLG16030	1.14E-01	3.57E+01	-1.01E-01	3.50E+01	6.82E-06	0.00E+00	7.93E+01	2.09E-05	2.11E-02	2.33E-01	2.99E-02	5.00E-01	3.75E-08	2.23E-07	1.75E+00	2.94E-01	4.01E-02	2.08E+00	1.78E-01	5.40E-01	1.99E+03	3.88E+00	2.15E-07	8.11E-07	8.31E-02	2.35E-04	3.73E+00	2.94E+00	2.01E+03	3.10E-04	2.01E+03	2.03E+03	6.71E+00	0.00E+00	0.00E+00	0.00E+00	8.21E+00
M-DBLG16040	1.17E-01	3.55E+01	-1.51E-01	3.48E+01	1.17E-06	0.00E+00	9.03E+01	2.22E-05	1.95E-02	2.14E-01	4.61E-02	4.72E-01	4.54E-08	2.35E-07	1.77E+00	2.89E-01	6.23E-02	1.71E+00	1.88E-01	5.41E-01	2.15E+03	4.10E+00	2.12E-07	7.66E-07	7.96E-02	2.28E-04	3.86E+00	4.57E+00	2.08E+03	3.95E-04	2.08E+03	2.09E+03	9.02E+00	0.00E+00	0.00E+00	0.00E+00	8.89E+00
M-DBLG16050	1.28E-01	4.20E+01	-1.82E-01	4.05E+01	2.98E-08	0.00E+00	1.41E+02	4.68E-05	2.17E-02	2.36E-01	5.84E-02	4.83E-01	4.93E-08	2.61E-07	1.83E+00	3.38E-01	7.86E-02	1.74E+00	3.82E-01	5.61E-01	2.47E+03	4.17E+00	2.11E-07	8.18E-07	8.60E-02	2.28E-04	4.10E+00	5.78E+00	2.43E+03	4.93E-04	2.43E+03	2.45E+03	1.43E+01	0.00E+00	0.00E+00	0.00E+00	1.67E+01
M-DBLG16060	1.45E-01	4.95E+01	-2.35E-01	4.97E+01	2.98E-08	0.00E+00	2.13E+02	6.23E-05	2.66E-02	2.85E-01	7.25E-02	5.41E-01	6.12E-08	3.39E-07	1.99E+00	3.38E-01	9.93E-02	2.11E+00	4.26E-01	5.81E-01	2.78E+03	5.18E+00	3.03E-07	9.17E-07	1.01E-01	2.29E-04	4.95E+00	7.40E+00	2.81E+03	5.59E-04	2.81E+03	2.92E+03	1.51E+01	0.00E+00	0.00E+00	0.00E+00	1.84E+01
M-DBLG16080	2.47E-01	6.42E+01	-3.77E-01	6.61E+01	2.98E-08	0.00E+00	5.66E+02	7.17E-05	3.62E-02	3.86E-01	9.77E-02	5.57E-01	7.69E-08	5.20E-07	2.15E+00	3.37E-01	1.31E-01	2.46E+00	4.56E-01	6.14E-01	1.21E+04	4.83E+00	4.19E-07	1.13E-06	1.38E-01	2.35E-04	5.69E+00	9.93E+00	1.18E+04	9.22E-04	1.18E+04	1.20E+04	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.92E+01
M-DBLG30100	1.14E-01	1.94E+01	-1.57E-02	1.98E+01	1.04E-05	0.00E+00	4.67E+01	1.36E-05	1.53E-02	1.71E-01	2.40E-02	4.54E-01	4.09E-08	1.88E-07	2.37E+00	2.97E-01	3.21E-02	2.02E+00	1.27E-01	5.45E-01	1.78E+03	3.42E+00	2.03E-07	7.37E-07	6.71E-02	2.39E-04	3.94E+00	2.37E+00	1.80E+03	2.50E-04	1.80E+03	1.83E+03	6.73E+00	0.00E+00	0.00E+00	0.00E+00	5.36E+00
M-DBLG3030	2.15E-02	4.97E+00	4.92E-04	4.63E+00	2.09E-08	0.00E+00	1.24E+01	5.64E-06	3.00E-03	2.66E-02	5.86E-03	1.93E-01	4.76E-09	3.83E-08	1.04E+00	1.19E-01	7.92E-03	2.06E-01	4.55E-02	3.82E-01	1.79E+02	1.19E+00	1.81E-08	1.87E-07	1.10E-02	2.30E-04	2.64E+00	5.84E-01	2.22E+02	5.37E-05	2.22E+02	2.42E+02	2.08E+00	0.00E+00	0.00E+00	0.00E+00	1.98E+00
M-DBLG3040	3.58E-02	6.06E+00	-1.78E-02	6.44E+00	1.05E-07	0.00E+00	2.40E+01	6.45E-06	3.77E-03	4.03E-02	8.38E-03	1.94E-01	6.27E-09	5.00E-08	1.06E+00	3.74E-01	1.13E-02	2.99E-01	6.67E-02	4.90E-01	2.33E+02	1.42E+00	2.04E-08	2.68E-07	1.74E-02	2.51E-04	3.68E+00	8.19E-01	2.57E+02	7.88E-05	2.57E+02	2.82E+02	2.90E+00	0.00E+00	0.00E+00	0.00E+00	2.64E+00
M-DBLG3050	3.62E-02	7.82E+00	-2.10E-02	8.13E+00	2.98E-08	0.00E+00	2.99E+01	1.07E-05	4.95E-03	4.96E-02	1.07E-02	1.93E-01	8.82E-09	6.48E-08	1.11E+00	1.65E-01	1.45E-02	4.79E-01	6.93E-02	3.98E-01	3.28E+02	1.90E+00	2.73E-08	2.87E-07	1.91E-02	2.15E-04	3.45E+00	1.06E+00	3.79E+02	9.16E-05	3.79E+02	4.09E+02	3.43E+00	0.00E+00	0.00E+00	0.00E+00	2.82E+00
M-DBLG3060	4.97E-02	9.98E+00	-2.28E-02	9.65E+00	2.98E-08	0.00E+00	3.26E+01	1.36E-05	5.75E-03	5.96E-02	1.30E-02	1.99E-01	1.18E-08	9.23E-08	1.47E+00	1.50E-01	1.76E-02	5.13E-01	7.51E-02	4.14E-01	4.68E+02	1.90E+00	4.55E-08	3.44E-07	2.33E-02	2.19E-04	3.88E+00	1.29E+00	5.20E+02	1.12E-04	5.20E+02	5.61E+02	4.14E+00	0.00E+00	0.00E+00	0.00E+00	3.08E+00
M-DBLG3080	9.44E-02	1.39E+01	-2.85E-02	1.47E+01	2.98E-08	0.00E+00	4.06E+01	1.36E-05	1.28E-02	1.45E-01	2.00E-02	2.96E-01	2.72E-08	1.79E-07	2.26E+00	1.54E-01	2.68E-02	1.46E+00	1.12E-01	5.08E-01	1.14E+03	2.93E+00	4.98E-08	5.44E-07	8.29E-02	2.19E-04	3.88E+00	2.00E+00	1.12E+03	2.44E-04	1.12E+03	1.16E+03	6.56E+00	0.00E+00	0.00E+00	0.00E+00	4.75E+00
M-DBLG3090	1.11E-01	1.88E+01	-2.53E-02	1.95E+01	1.36E-06	0.00E+00	4.32E+01	1.37E-05	1.49E-02	1.63E-01	2.14E-02	4.67E-01	3.80E-08	1.84E-07	2.29E+00	1.54E-01	2.86E-02	1.96E+00	1.17E-01	5.40E-01	1.29E+03	2.98E+00	6.41E-08	7.00E-07	6.63E-02	2.31E-04	3.83E+00	2.14E+00	1.38E+03	2.46E-04	1.38E+03	1.40E+03	6.36E+00	0.00E+00	0.00E+00	0.00E+00	4.99E+00
M-DBLG3530	2.64E-02	4.97E+00	-5.45E-03	4.80E+00	3.33E-08	0.00E+00	1.47E+01	5.54E-06	3.03E-03	2.98E-02	6.73E-03	1.93E-01	4.97E-09	3.88E-08	1.05E+00	1.97E-01	9.12E-03	2.34E-01	4.58E-02	4.28E-01	2.00E+02	1.30E+00	1.91E-08	2.64E-07	1.06E-02	2.39E-04	3.41E+00	6.68E-01	2.34E+02	5.88E-05	2.34E+02	2.46E+02	2.33E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+00
M-DBLG3540	3.40E-02	7.21E+00	-2.09E-02	7.52E+00	2.98E-08	0.00E+00	2.69E+01	8.24E-06	4.46E-03	4.50E-02	1.02E-02	1.92E-01	7.61E-09	5.50E-08	1.07E+00	1.63E-01	1.37E-02	3.29E-01	6.38E-02	3.97E-01	2.95E+02	1.77E+00	2.30E-08	2.74E-07	1.82E-02	2.16E-04	3.50E+00	1.01E+00	3.41E+02	8.37E-05	3.41E+02	3.68E+02	3.06E+00	0.00E+00	0.00E+00	0.00E+00	2.60E+00
M-DBLG3550	4.65E-02	9.18E+00	-2.29E-02	9.10E+00	2.98E-08	0.00E+00	3.19E+01	1.32E-05	5.71E-03	5.82E-02	1.27E-02	1.97E-01	1.06E-08	8.53E-08	1.43E+00	1.59E-01	1.71E-02	5.04E-01	7.47E-02	4.12E-01	4.64E+02	1.88E+00	4.53E-08	3.35E-07	2.30E-02	2.16E-04	3.53E+00	1.26E+00	5.17E+02	9.92E-05	5.17E+02	5.58E+02	3.78E+00	0.00E+00	0.00E+00	0.00E+00	3.07E+00
M-DBLG3560	5.06E-02	1.22E+01	-2.22E-02	1.30E+01	2.98E-08	0.00E+00	3.59E+01	1.37E-05	6.69E-03	6.82E-02	1.51E-02	2.35E-01	1.28E-08	1.08E-07	2.16E+00	1.59E-01	2.05E-02	6.42E-01	7.94E-02	4.48E-01	6.37E+02	2.06E+00	5.02E-08	3.46E-07	2.62E-02	2.20E-04	3.52E+00	1.50E+00	6.71E+02	2.07E-04	6.71E+02	6.84E+02	4.64E+00	0.00E+00	0.00E+00	0.00E+00	3.29E+00
M-DBLG3580	1.11E-01	1.88E+01	-2.50E-02	1.95E+01	7.40E-06	0.00E+00	4.32E+01	1.37E-05	1.49E-02	1.63E-01	2.14E-02	4.67E-01	3.80E-08	1.85E-07	2.29E+00	1.78E-01	2.86E-02	2.08E+00	1.26E-01	5.40E-01	1.76E+03	3.12E+00	6.33E-08	7.00E-07	6.63E-02	2.39E-04	3.83E+00	2.14E+00	1.78E+03	2.46E-04	1.78E+03	1.81E+03	6.39E+00	0.00E+00	0.00E+00	0.00E+00	5.36E+00
M-DBLG40100	1.14E-01	3.57E+01	-1.01E-01	3.50E+01	7.81E-06	0.00E+00	7.99E+01	2.09E-05	2.10E-02	2.33E-01	2.99E-02	4.45E-01	3.74E-08	2.24E-07	1.75E+00	2.94E-01	4.01E-02	2.33E+00	1.78E-01	5.33E-01	1.98E+03	3.88E+00	2.11E-07	8.13E-07	8.32E-02	2.35E-04	3.73E+00	2.94E+00	2.00E+03	2.98E-04	2.00E+03	2.03E+03	6.71E+00	0.00E+00	0.00E+00	0.00E+00	8.18E+00
M-DBLG4030	4.03E-02	5.94E+00	-9.40E-03	6.06E+00	1.46E-07	0.00E+00	2.56E+01	6.19E-06	3.71E-03	3.95E-02	7.34E-03	1.94E-01	5.42E-09	4.86E-08	1.06E+00	4.24E-01	9.93E-03	3.23E-01	8.17E-02	4.93E-01	2.23E+02	1.41E+00	2.05E-08	3.05E-07	1.63E-02	2.54E-04	3.53E+00	7.28E-01	2.53E+02	9.41E-05	2.53E+02	2.74E+02	2.66E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+00
M-DBLG4040	3.58E-02	7.82E+00	-2.10E-02	8.13E+00	2.98E-08	0.00E+00	2.99E+01	1.07E-05	4.96E-03	4.96E-02	1.07E-02	1.93E-01	8.89E-09	6.44E-08	1.11E+00	1.67E-01	1.45E-02	4.64E-01	6.90E-02	3.98E-01	3.45E+02	1.90E+00	3.27E-08	2.86E-07	1.90E-02	2.15E-04	3.48E+00	1.06E+00	3.86E+02	9.25E-05	3.86E+02	4.14E+02	3.43E+00	0.00E+00	0.00E+00	0.00E+00	2.79E+00
M-DBLG4050	5.03E-02	1.20E+01	-2.28E-02	1.27E+01	2.98E-08	0.00E+00	3.54E+01	1.36E-05	6.48E-03	6.70E-02	1.46E-02	1.99E-01	1.24E-08	1.06E-07	1.86E+00	1.52E-01	1.97E-02	5.01E-01	7.47E-02	4.32E-01	5.97E+02	1.92E+00	4.53E-08	3.46E-07	2.61E-02	2.20E-04	3.52E+00	1.44E+00	6.20E+02	1.78E-04	6.20E+02	6.51E+02	4.57E+00	0.00E+00	0.00E+00	0.00E+00	3.06E+00
M-DBLG4060	5.53E-02	1.24E+01	-2.76E-02	1.32E+01	2.98E-08	0.00E+00	3.69E+01	1.36E-05	7.11E-03	7.39E-02	1.95E-02	2.60E-01	1.53E-08	1.24E-07	2.20E+00	1.54E-01	2.63E-02	1.04E+00	1.10E-01	4.62E-01	1.04E+03	2.06E+00	4.98E-08	3.63E-07	2.91E-02	2.21E-04	4.19E+00	1.96E+00	1.03E+03	2.40E-04	1.03E+03	1.08E+03	6.93E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+00

M-DBLUN10050	1.18E-01	3.58E+01	-1.02E-01	3.49E+01	4.00E-04	0.00E+00	2.61E+02	2.19E-05	2.14E-02	2.36E-01	2.99E-02	7.37E-01	2.92E-08	2.30E-07	5.44E+00	2.92E+00	3.97E-02	2.18E+00	2.79E-01	9.83E+01	2.12E+03	1.00E+01	2.30E-07	7.99E-07	8.46E-02	4.06E-04	7.40E+00	2.91E+00	2.12E+03	3.80E-04	2.12E+03	2.10E+03	9.21E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+01
M-DBLUN10060	1.19E-01	3.50E+01	-1.42E-01	3.42E+01	3.58E-04	0.00E+00	2.65E+02	2.17E-05	1.92E-02	2.10E-01	4.10E-02	7.63E-01	4.39E-08	2.34E-07	4.52E+00	2.85E+00	5.58E-02	1.71E+00	2.69E-01	9.38E+01	2.05E+03	9.76E+00	2.43E-07	7.83E-07	8.01E-02	4.20E-04	7.28E+00	4.08E+00	2.01E+03	4.17E-04	2.01E+03	2.01E+03	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.16E+01
M-DBLUN10080	1.33E-01	4.22E+01	-1.76E-01	4.09E+01	2.23E-04	0.00E+00	3.13E+02	4.43E-05	2.18E-02	2.39E-01	5.82E-02	7.88E-01	5.10E-08	2.68E-07	4.69E+00	2.24E+00	7.86E-02	1.80E+00	5.40E-01	9.65E+01	2.51E+03	9.96E+00	2.42E-07	8.34E-07	8.73E-02	4.81E-04	7.31E+00	5.76E+00	2.44E+03	5.06E-04	2.44E+03	2.46E+03	1.74E+01	0.00E+00	0.00E+00	0.00E+00	2.26E+01
M-DBLUN11030	6.68E-02	2.02E+01	-3.33E-02	1.97E+01	1.84E-04	0.00E+00	4.27E+01	1.34E-05	1.22E-02	1.33E-01	1.55E-02	5.00E-01	3.03E-08	1.73E-07	6.58E+00	1.70E+00	2.10E-02	2.16E+00	1.89E-01	7.29E+01	1.79E+03	8.81E+00	4.72E-08	2.96E-07	4.65E-02	3.99E-04	6.91E+00	1.63E+00	1.76E+03	3.05E-04	1.76E+03	1.77E+03	7.48E+00	0.00E+00	0.00E+00	0.00E+00	8.05E+00
M-DBLUN11040	1.14E-01	2.90E+01	-2.21E-02	2.88E+01	2.70E-04	0.00E+00	2.39E+02	1.44E-05	1.71E-02	1.91E-01	2.55E-02	7.16E-01	3.00E-08	2.10E-07	5.89E+00	1.83E+00	3.45E-02	3.07E+00	2.17E-01	9.99E+01	1.98E+03	9.89E+00	2.30E-07	7.52E-07	7.36E-02	4.11E-04	7.66E+00	2.56E+00	1.98E+03	3.42E-04	1.98E+03	1.99E+03	9.16E+00	0.00E+00	0.00E+00	0.00E+00	9.23E+00
M-DBLUN11050	1.21E-01	3.61E+01	-1.02E-01	3.51E+01	3.73E-04	0.00E+00	2.62E+02	2.19E-05	2.15E-02	2.37E-01	2.97E-02	6.90E-01	2.91E-08	2.43E-07	5.43E+00	2.78E+00	3.97E-02	2.07E+00	2.88E-01	9.89E+01	2.16E+03	1.00E+01	2.29E-07	7.89E-07	8.51E-02	4.07E-04	7.40E+00	2.92E+00	2.14E+03	3.86E-04	2.14E+03	2.13E+03	9.21E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+01
M-DBLUN11060	1.23E-01	3.60E+01	-1.42E-01	3.50E+01	3.58E-04	0.00E+00	2.67E+02	2.24E-05	1.99E-02	2.17E-01	4.19E-02	7.69E-01	4.66E-08	2.45E-07	4.59E+00	2.85E+00	5.70E-02	1.78E+00	2.75E-01	9.40E+01	2.19E+03	9.76E+00	2.43E-07	7.85E-07	8.12E-02	4.21E-04	7.32E+00	4.18E+00	2.09E+03	4.60E-04	2.09E+03	2.09E+03	1.10E+01	0.00E+00	0.00E+00	0.00E+00	1.18E+01
M-DBLUN11080	1.44E-01	4.59E+01	-1.76E-01	4.49E+01	1.48E-04	0.00E+00	1.64E+02	4.49E-05	2.46E-02	2.66E-01	6.15E-02	8.37E-01	5.30E-08	2.91E-07	5.01E+00	2.15E+00	8.37E-02	1.96E+00	5.51E-01	9.71E+01	2.62E+03	6.26E+00	1.82E-07	8.57E-07	9.41E-02	4.82E-04	1.21E+01	6.13E+00	2.57E+03	5.29E-04	2.57E+03	2.59E+03	1.82E+01	0.00E+00	0.00E+00	0.00E+00	2.27E+01
M-DBLUN12030	9.60E-02	2.08E+01	-3.85E-02	2.04E+01	4.08E-04	0.00E+00	2.17E+02	1.34E-05	1.36E-02	1.53E-01	1.95E-02	5.47E-01	2.46E-08	2.00E-07	6.19E+00	2.93E+00	2.68E-02	2.30E+00	2.12E-01	8.58E+01	1.88E+03	9.47E+00	5.82E-08	4.97E-07	6.17E-02	4.32E-04	7.43E+00	1.95E+00	1.84E+03	3.10E-04	1.84E+03	1.87E+03	9.00E+00	0.00E+00	0.00E+00	0.00E+00	8.97E+00
M-DBLUN12040	1.22E-01	3.55E+01	-2.59E-02	3.45E+01	4.00E-04	0.00E+00	2.61E+02	1.41E-05	2.14E-02	2.37E-01	2.81E-02	7.45E-01	3.39E-08	2.29E-07	5.78E+00	2.93E+00	3.78E-02	2.94E+00	2.15E-01	9.98E+01	2.00E+03	1.00E+01	2.39E-07	8.46E-07	8.64E-02	4.11E-04	7.65E+00	2.79E+00	2.00E+03	3.83E-04	2.00E+03	2.01E+03	9.12E+00	0.00E+00	0.00E+00	0.00E+00	9.24E+00
M-DBLUN12050	1.18E-01	3.53E+01	-1.19E-01	3.44E+01	2.28E-04	0.00E+00	9.64E+01	2.20E-05	1.93E-02	2.09E-01	3.67E-02	6.93E-01	2.95E-08	2.37E-07	5.69E+00	1.69E+00	4.91E-02	2.04E+00	2.92E-01	9.62E+01	2.08E+03	1.00E+01	1.75E-07	7.59E-07	7.97E-02	4.38E-04	7.44E+00	3.60E+00	2.04E+03	4.12E-04	2.04E+03	2.00E+03	1.04E+01	0.00E+00	0.00E+00	0.00E+00	1.26E+01
M-DBLUN12060	1.25E-01	4.00E+01	-1.46E-01	3.85E+01	2.17E-04	0.00E+00	2.69E+02	2.25E-05	2.04E-02	2.21E-01	4.81E-02	7.72E-01	4.85E-08	2.49E-07	4.67E+00	1.79E+00	6.52E-02	1.78E+00	4.26E-01	9.50E+01	2.38E+03	9.91E+00	2.43E-07	8.21E-07	8.31E-02	4.21E-04	7.31E+00	4.77E+00	2.36E+03	4.61E-04	2.36E+03	2.40E+03	1.48E+01	0.00E+00	0.00E+00	0.00E+00	1.71E+01
M-DBLUN12080	1.48E-01	4.88E+01	-2.02E-01	4.90E+01	3.67E-04	0.00E+00	3.58E+02	5.87E-05	2.61E-02	2.85E-01	6.85E-02	8.30E-01	5.71E-08	3.31E-07	4.63E+00	3.48E+00	9.32E-02	2.13E+00	5.74E-01	9.86E+01	2.81E+03	1.08E+01	3.23E-07	9.09E-07	1.01E-01	5.11E-04	1.12E+01	6.92E+00	2.84E+03	5.53E-04	2.84E+03	2.88E+03	1.83E+01	0.00E+00	0.00E+00	0.00E+00	2.40E+01
M-DBLUN13030	9.63E-02	2.08E+01	-3.86E-02	2.04E+01	3.56E-04	0.00E+00	2.16E+02	1.34E-05	1.36E-02	1.53E-01	1.95E-02	5.47E-01	2.46E-08	2.00E-07	5.68E+00	2.79E+00	2.65E-02	2.43E+00	2.13E-01	8.58E+01	1.88E+03	9.50E+00	5.84E-08	4.98E-07	6.17E-02	4.02E-04	7.42E+00	1.95E+00	1.86E+03	3.14E-04	1.86E+03	1.89E+03	8.97E+00	0.00E+00	0.00E+00	0.00E+00	9.09E+00
M-DBLUN13040	1.23E-01	3.52E+01	-5.31E-02	3.45E+01	4.02E-04	0.00E+00	2.61E+02	1.42E-05	2.14E-02	2.37E-01	2.82E-02	7.26E-01	3.44E-08	2.35E-07	5.74E+00	2.93E+00	3.78E-02	3.02E+00	2.24E-01	9.78E+01	2.24E+03	1.00E+01	2.30E-07	8.30E-07	8.67E-02	4.06E-04	7.41E+00	2.79E+00	2.22E+03	3.82E-04	2.22E+03	2.25E+03	9.16E+00	0.00E+00	0.00E+00	0.00E+00	9.72E+00
M-DBLUN13050	1.21E-01	3.61E+01	-1.39E-01	3.50E+01	3.97E-04	0.00E+00	2.70E+02	2.24E-05	1.97E-02	2.13E-01	4.08E-02	6.94E-01	3.40E-08	2.46E-07	5.19E+00	2.93E+00	5.58E-02	2.02E+00	2.93E-01	9.64E-01	2.19E+03	9.96E+00	2.29E-07	7.63E-07	8.08E-02	4.36E-04	7.57E+00	4.07E+00	2.12E+03	4.82E-04	2.12E+03	2.09E+03	1.11E+01	0.00E+00	0.00E+00	0.00E+00	1.29E+01
M-DBLUN13060	1.28E-01	4.00E+01	-1.46E-01	3.86E+01	1.44E-04	0.00E+00	1.05E+02	2.62E-05	2.07E-02	2.25E-01	5.03E-02	7.76E-01	4.86E-08	2.54E-07	4.99E+00	1.78E+00	6.82E-02	1.76E+00	4.69E-01	9.52E+01	2.41E+03	5.79E+00	1.81E-07	8.23E-07	8.48E-02	4.23E-04	7.32E+00	4.98E+00	2.38E+03	4.77E-04	2.38E+03	2.42E+03	1.68E+01	0.00E+00	0.00E+00	0.00E+00	1.92E+01
M-DBLUN13080	1.50E-01	4.98E+01	-2.32E-01	5.00E+01	3.67E-04	0.00E+00	3.99E+02	5.87E-05	2.67E-02	2.89E-01	7.26E-02	8.29E-01	6.29E-08	3.46E-07	4.75E+00	3.48E+00	9.88E-02	2.18E+00	5.66E-01	9.86E-01	2.97E+03	1.09E+01	3.21E-07	9.36E-07	1.03E-01	5.13E-04	1.10E+01	7.43E+00	2.98E+03	5.80E-04	2.98E+03	3.24E+03	1.84E+01	0.00E+00	0.00E+00	0.00E+00	2.40E+01
M-DBLUN13530	1.05E-01	1.93E+01	-3.72E-02	1.96E+01	1.41E-04	0.00E+00	4.93E+01	1.39E-05	1.33E-02	1.48E-01	1.95E-02	7.28E-01	3.18E-08	1.98E-07	5.43E+00	1.62E+00	2.66E-02	2.36E+00	1.76E-01	8.74E-01	1.81E+03	5.44E+00	4.82E-08	6.27E-07	6.49E-02	3.75E-04	7.22E+00	1.95E+00	1.77E+03	3.22E-04	1.77E+03	1.83E+03	8.42E+00	0.00E+00	0.00E+00	0.00E+00	7.06E+00
M-DBLUN13540	1.18E-01	3.52E+01	-1.01E-01	3.43E+01	3.61E-04	0.00E+00	2.57E+02	2.06E-05	2.12E-02	2.36E-01	2.96E-02	8.04E-01	3.90E-08	2.30E-07	4.52E+00	2.86E+00	3.97E-02	2.46E+00	2.25E-01	9.38E-01	2.08E+03	1.04E+01	2.55E-07	8.04E-07	8.43E-02	3.88E-04	7.07E+00	2.91E+00	2.06E+03	3.81E-04	2.06E+03	2.07E+03	8.99E+00	0.00E+00	0.00E+00	0.00E+00	9.95E+00
M-DBLUN13550	1.21E-01	3.57E+01	-1.43E-01	3.45E+01	3.44E-04	0.00E+00	2.66E+02	2.22E-05	1.97E-02	2.14E-01	4.13E-02	7.64E-01	4.57E-08	2.85E-07	5.64E+00	1.73E+00	2.37E-01	9.39E+01	2.16E+03	1.05E+01	2.54E-07	7.86E-07	8.10E-02	4.03E-04	7.33E+00	4.12E+00	2.07E+03	4.59E-04	2.07E+03	2.05E+03	1.07E+01	0.00E+00	0.00E+00	0.00E+00	1.04E+01
M-DBLUN13560	1.30E-01	4.15E+01	-1.70E-01	4.01E+01	2.67E-04	0.00E+00	1.39E+02	3.47E-05	2.14E-02	2.35E-01	5.37E-02	6.97E-01	4.19E-08	2.74E-07	6.02E+00	2.25E+00	7.27E-02	2.06E+00	5.51E-01	1.00E+00	2.52E+03	9.95E+00	1.70E-07	8.13E-07	8.53E-02	4.82E-04	7.52E+00	5.34E+00	2.48E+03	4.89E-04	2.48E+03	2.52E+03	1.98E+01	0.00E+00	0.00E+00	0.00E+00	2.34E+01
M-DBLUN13580	1.98E-01	6.24E+01	-2.56E-01	6.22E+01	4.34E-04	0.00E+00	5.01E+02	6.03E-05	3.32E-02	3.64E-01	7.61E-02	7.48E-01	5.93E-08	4.82E-07	6.10E+00	3.99E+00	1.03E-01	2.49E+00	6.08E-01	1.08E+00	3.76E+03	1.09E+01	3.81E-07	9.93E-07	1.30E-01	6.27E-04	1.21E+01	7.51E+00	3.70E+03	5.97E-04	3.70E+03	3.99E+03	2.18E+01	0.00E+00	0.00E+00	0.00E+00	2.63E+01
M-DBLUN14030	1.11E-01	2.26E+01	-3.32E-02	2.29E+01	3.77E-04	0.00E+00	2.21E+02	1.38E-05	1.53E-02	1.64E-01	2.09E-02	8.39E-01	3.81E-08	1.99E-07	5.05E+00	2.86E+00	2.83E-02	2.53E+00	1.71E-01	9.09E-01	1.84E+03	9.75E+00	7.41E-08	7.22E-07	8.57E-02	3.75E-04	7.24E+00	2.09E+00	1.81E+03	3.25E-04	1.81E+03	1.84E+03	8.50E+00	0.00E+00	0.00E+00	0.00E+00	7.17E+00
M-DBLUN14040	1.22E-01	3.56E+01	-1.01E-01	3.47E+01	1.38E-04	0.00E+00	8.97E+01	2.10E-05	2.15E-02	2.38E-01	2.96E-02	7.57E-01	3.90E-08	2.41E-07	4.93E+00	1.62E+00	3.97E-02	2.16E+00	2.26E-01	9.38E-01	2.11E+03	1.04E+01	1.94E-07	7.90E-07	8.53E-02	3.68E-04	7.07E+00	2.91E+00	2.09E+03	3.84E-04	2.09E+03	2.10E+03	8.90E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+01
M-DBLUN14050	1.23E-01	3.59E+01	-1.42E-01	3.47E+01	3.05E-04	0.00E+00	2.67E+02	2.25E-05	1.99E-02	2.17E-01	4.19E-02	7.88E-01	4.66E-08	2.43E-07	4.50E+00	2.30E+00	5.70E-02	1.78E+00	2.41E-01	9.39E-01	2.18E+03	1.05E+01	2.54E-07	7.86E-07	8.11E-02	4.03E-04	7.34E+00	4.18E+00	2.08E+03	4.58E-04	2.08E+03	2.08E+03	1.08E+01	0.00E+00	0.00E+00	0.00E+00	1.05E+01
M-DBLUN14060	1.32E-01	4.25E+01	-1.70E-01	4.13E+01	4.23E-04	0.00E+00	3.18E+02	4.36E-05	2.17E-02	2.38E-01	5.55E-02	7.24E-01	4.25E-08	2.75E-07	5.92E+00	3.74E+00	7.52E-02	2.13E+00	5.62E-01	1.01E+00	2.51E+03	1.01E+01	2.25E-07	8.32E-07	8.63E-02	4.99E-04	7.52E+00	5.51E+00	2.48E+03	5.04E-04	2.48E+03	2.51E+03	2.02E+01	0.00E+00	0.00E+00	0.00E+00	2.43E+01
M-DBLUN14080	2.01E-01	6.25E+01	-2.56E-01	6.23E+01	2.12E-04	0.00E+00	4.19E+02	6.29E-05	3.33E-02	3.65E-01	7.64E-02	7.52E-01	6.00E-08	4.61E-07	6.51E+00	2.77E+00	1.04E-01	2.50E+00	6.08E-01	1.10E+00	4.24E+03	1.10E+01	3.27E-07	1.01E-06	1.31E-01	6.27E-04	1.21E+01	7.53E+00	4.22E+03	6.08E-04	4.22E+03	4.40E+03	2.18E+01	0.00E+00	0.00E+00	0.00E+00	2.63E+01
M-DBLUN16030	1.06E-01	2.30E+01	-2.48E-02	2.30E+01	1.84E-04	0.00E+00	5.43E+01	1.34E-05	1.54E-02	1.67E-01	2.33E-02	7.73E-01	3.91E-08	1.96E-07	5.51E+00	1.64E+00	3.15E-02	2.77E+00	1.71E-01	9.58E-01	1.87E+03	9.89E+00	1.03E-07	7.66E-07	6.50E-02	3.74E-04	7.28E+00	2.31E+00	1.85E+03	3.53E-04	1.85E+03	1.88E+03	8.73E+00	0.00E+00	0.00E+00	0.00E+00	7.29E+00
M-DBLUN16040	1.19E-01	3.47E+01	-1.09E-01	3.42E+01	3.31E-04	0.00E+00	2.60E+02	2.18E-05	1.98E-02	2.17E-01	3.25E-02	7.85E-01	3.92E-08	2.32E-07	4.52E+00	2.72E+00	4.33E-02	1.74E+00	2.33E-01	9.33E-01	2.13E+03	1.05E+01	2.54E-07	7.87E-07	8.23E-02	4.02E-04	7.09E+00	3.19E+00	2.05E+03	4.17E-04	2.05E+03	2.03E+03	9.71E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+01
M-DBLUN16050	1.25E-01	4.00E+01	-1.46E-01	3.83E+01	3.68E-04	0.00E+00	2.73E+02	2.65E-05	2.09E-02	2.28E-01	4.91E-02	7.72E-01	4.84E-08	2.58E-07	4.58E+00	2.93E+00	6.64E-02	1.75E+00	4.46E-01	9.51E-01	2.42E+03	1.07E+01	2.53E-07	8.26E-07	8.47E-02	4.05E-04	7.32E+00	4.86E+00	2.38E+03	4.80E-04	2.38E+03	2.42E+03	1.65E+01	0.00E+00	0.00E+00	0.00E+00	1.83E+01
M-DBLUN16060	1.44E-01	4.74E+01	-1.70E-01	4.62E+01	4.36E-04	0.00E+00	3.46E+02	4.73E-05	2.50E-02	2.72E-01	6.29E-02	7.58E-01	4.57E-08	3.13E-07	5.98E+00	3.89E+00	8.56E-02	2.35E+00	5.90E-01	1.02E+00	2.86E+03	1.05E+01	2.43E-07	8.56E-07	9.60E-02	5.46E-04	1.24E+01	6.27E+00	2.86E+03	5.40E-04	2.86E+03	2.87E+03	2.13E+01	0.00E+00	0.00E+00	0.00E+00	2.53E+01
M-DBLUN16080	2.25E-01	6.38E+01	-3.10E-01	6.50E+01	4.34E-04	0.00E+00	6.57E+02	6.62E-05	3.49E-02	3.80E-01	9.25E-02	7.70E-01	6.94E-08	5.02E-07	6.02E+00	3.98E+00	1.24E-01	2.70E+00	5.98E-01	1.11E+00	1.02E+04	1.12E+01	4.03E-07	1.08E-06	1.35E-01	6.26E-04	1.21E+01	9.01E+00	9.77E+03	6.87E-04	9.77E+03	1.08E+04	2.24E+01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
M-DBLUN3030	2.76E-02	7.44E+00	-4.62E-03	8.72E+00	2.54E-04	0.00E+00	1.85E+01	4.51E-06	4.72E-03	5.11E-02	5.05E-03	4.54E-01	2.24E-08	7.23E-08	5.48E+00	1.89E+00	6.86E-03	1.89E+00	6.28E-02	6.16E-01	2.97E+02	7.66E+00	1.29E-08	1.67E-07	2.00E-02	3.62E-04	5.38E+00	4.99E-01	3.12E+02	7.71E-05	3.12E+02	3.18E+02	5.38E+00	0.00E+00	0.00E+00	0.00E+00	2.66E+00
M-DBLUN3040	3.81E-02	8.34E+00	-2.41E-02	9.76E+00	2.60E-04	0.00E+00	2.67E+01	5.22E-06	5.06E-03	5.51E-02	7.41E-03	4.54E-01	2.38E-08	8.07E-08	5.23E+00	2.11E+00	1.00E-02	2.65E+00	7.73E-02	5.77E-01	3.91E+02	7.66E+00	2.54E-08	2.11E-07	2.25E-02	3.69E-04	5.58E+00	7.33E-01	3.89E+02	9.49E-05	3.89E+02	3.90E+02	5.71E+00	0.00E+00	0.00E+00	0.00E+00	3.20E+00
M-DBLUN3050	3.69E-02	9.88E+00	-3.19E-02	1.14E+01	2.80E-04	0.00E+00	2.01E+02	7.69E-06	6.10E-03	6.26E-02	1.01E-02	4.53E-01	2.62E-08	9.82E-08	5.51E+00	1.91E+00	1.37E-02	3.81E-01	8.51E-02	5.81E-01	5.57E+02	8.19E+00	3.92E-08	1.95E-07	2.47E-02	3.47E-04	5.92E+00	1.16E+00	5.22E+02	9.17E-05	5.22E+02	5.54E+02	6.40E+00	0.00E+00	0.00E+00	0.00E+00	3.55E+00
M-DBLUN3060	5.62E-02	1.28E+01	-3.36E-02	1.30E+01	2.80E-04	0.00E+00	2.07E+02	1.29E-05	8.34E-03	9.05E-02	1.28E-02	4.53E-01	2.82E-08	1.17E-07	6.09E+00	1.94E+00	1.72E-02	4.81E-01	1.05E-01	6.52E-01	7.33E+02	8.59E+00	5.48E-08	2.63E-07	3.52E-02	3.55E-04	6.84E+00	1.39E+00	7.03E+02	1.38E-04	7.03E+02	7.32E+02	6.57E+00	0.00E+00	0.00E+00	0.00E+00	4.41E+00
M-DBLUN3080	6.26E-02	1.72E+01	-3.87E-02	1.76E+01	3.77E-04	0.00E+00	2.12E+02	1.32E-05	9.84E-03	1.06E-01	1.91E-02	5.45E-01	3.17E-08	1.47E-07	6.01E+00	2.90E+00	2.62E-02	1.50E+00	1.56E-01	7.89E-01	1.16E+03	8.53E+00	5.94E-08	3.01E-07	3.95E-02	3.73E-04	7.39E+00	1.94E+00	1.13E+03	3.02E-04	1.13E+03	1.15E+03	9.10E+00	0.00E+00	0.00E+00	0.00E+00	6.67E+00
M-DBLUN3530	2.86E-02	7.72E+00	-1.97E-02	9.21E+00	4.24E-04	0.00E+00	1.89E+02	4.53E-06	4.80E-03	5.22E-02	6.81E-03	4.54E-01	2.33E-08	7.62E-08	5.12E+00	2.99E+00	9.22E-03	2.15E-01	6.22E-02	5.49E-01	3.39E+02	7.55E+00	2.39E-08	1.72E-07	2.03E-02	3.58E-04	5.46E+00	6.76E-01	3.61E+02	6.01E-05	3.61E+02	3.44E+02	5.50E+00	0.00E+00	0.00E+00	0.00E+00	2.58E+00
M-DBLUN3540	3.42E-02	8.63E+00	-3.14E-02	1.02E+01	4.24E-04	0.00E+00	1.93E+02	6.23E-06	5.26E-03	5.70E-02	9.58E-03	4.54E-01	2.51E-08	8.57E-08	5.41E+00	3.00E+00	1.29E-02	2.66E-01	7.04E-02	5.07E-01	4.74E+02	7.68E+00	2.50E-08	1.74E-07	2.22E-02	3.45E-04	6.08E+00	1.14E+00	4.54E+02	8.16E-05	4.54E+02	4.66E+02	6.54E+00	0.00E+00	0.00E+00	0.00E+00	2.96E+00
M-DBLUN3550	4.98E-02	1.23E+01	-3.38E-02	1.27E+01	2.54E-04	0.00E+00	3.72E+01	1.01E-05	8.33E-03	9.02E-02	1.20E-02	4.55E-01	2.79E-08	1.05E-07	5.82E+00	1.78E+00	1.62E-02	4.14E-01	1.01E-01	5.91E-01	6.68E+02	8.20E+00	4.00E-08	2.25E-07	3.29E-02	3.49E-04	6.39E+00	1.32E+00	6.34E+02	9.70E-05	6.34E+02	6.80E+02	6.44E+00	0.00E+00	0.00E+00	0.00E+00	3.99E+00
M-DBLUN3560	6.01E-02	1.67E+01	-3.33E-02	1.69E+01	4.24E-04	0.00E+00	2.11E+02	1.32E-05	9.54E-03	1.03E-01	1.51E-02	5.00E-01	2.99E-08	1.37E-07	6.20E+00	3.05E+00	2.05E-02	6.33E-01	1.14E-01	7.33E-01	8.50E+02	8.71E+00	5.97E-08	2.75E-07	3.84E-02	3.82E-04	6.87E+00	1.66E+00	8.29E+02	2.42E-04	8.29E+02	8.33E+02	7.12E+00	0.00E+00	0.00E+00	0.00E+00	4.89E+00
M-DBLUN3580	1.12E-01	2.29E+01	-3.41E-02	2.28E+01	3.75E-04	0.00E+00	2.22E+02	1.33E-05	1.54E-02	1.66E-01	2.10E-02	8.61E-01	3.75E-08	2.01E-07	5.87E+00	2.88E+00	2.84E-02	2.14E+00	2.01E-01	9.70E-01	1.84E+03	9.62E+00	7.31E-08	7.17E-07	6.55E-02	3.99E-04	7.31E+00	2.09E+00	1.82E+03	3.66E-04	1.82E+03	1.83E+03	8.60E+00	0.00E+00	0.00E+00	0.00E+00	8.56E+00
M-DBLUN4030	3.98E-02	8.60E+00	-2.07E-02	9.70E+00	4.25E-04	0.00E+00	1.95E+02	5.13E-06	5.04E-03	5.63E-02	7.41E-03	4.55E-01	2.37E-08	8.23E-08	5.68E+00	3.25E+00	1.00E-02	3.07E-01	7.74E-02	6.22E-01	4.38E+02	8.02E+00	2.53E-08	2.21E-07	2.30E-02	3.73E-04	5.61E+00	7.33E-01	4.42E+02	1.12E-04	4.42E+02	4.20E+02	5.73E+00	0.00E+00	0.00E+00	0.00E+00	3.29E+00
M-DBLUN4040	4.09E-02	1.11E+01	-3.21E-02	1.18E+01	4.24E-04	0.00E+00	2.04E+02	1.04E-05	6.28E-03	6.58E-02	1.07E-02	4.50E-01	2.66E-08	1.01E-07	5.88E+00	3.05E+00	1.45E-02	4.32E-01	9.91E-02	6.32E-01	6.04E+02	8.60E+00	3.93E-08	2.07E-07	2.53E-02	3.51E-04	6.48E+00	1.21E+00	5.75E+02	1.14E-04	5.75E+02	5.85E+02	6.44E+00	0.00E+00	0.00E+00	0.00E+00	4.09E+00
M-DBLUN4050	6.00E-02	1.65E+01	-3.37E-02	1.66E+01	4.24E-04	0.00E+00	2.10E+02	1.32E-05	9.42E-03	1.02E-01	1.46E-02	4.55E-01	2.99E-08	1.36E-07	6.09E+00	3.05E+00	1.98E-02	4.65E-01	1.08E-01	7.11E-01	8.29E+02	8.63E+00	5.47E-08	2.74E-07	3.84E-02	3.80E-04	6.89E+00	1.55E+00	7.96E+02	2.22E-04	7.96E+02	8.09E+02	7.08E+00	0.00E+00	0.00E+

M-DBLUNG11030	5.05E-02	1.19E+01	-2.36E-02	1.28E+01	1.99E-04	0.00E+00	4.01E+01	1.39E-05	6.36E-03	6.67E-02	1.55E-02	6.28E-01	2.97E-08	1.26E-07	5.05E+00	1.81E+00	2.10E-02	2.03E+00	1.11E-01	6.20E-01	7.26E+03	9.05E+00	5.02E-08	3.11E-07	2.37E-02	2.20E-04	5.40E+00	1.63E+00	7.37E+03	3.03E-04	7.37E+03	7.26E+03	6.55E+00	0.00E+00	0.00E+00	0.00E+00	4.86E+00
M-DBLUNG11040	1.13E-01	2.75E+01	-1.33E-02	2.78E+01	2.80E-04	0.00E+00	2.34E+02	1.41E-05	1.70E-02	1.90E-01	2.60E-02	8.19E-01	3.99E-08	2.02E-07	4.83E+00	1.94E+00	3.50E-02	2.80E+00	1.41E-01	7.76E-01	7.35E+03	1.01E+01	2.62E-07	7.65E-07	7.42E-02	2.31E-04	6.78E+00	2.61E+00	7.45E+03	3.49E-04	7.45E+03	7.36E+03	8.41E+00	0.00E+00	0.00E+00	0.00E+00	6.16E+00
M-DBLUNG11050	1.18E-01	3.58E+01	-1.01E-01	3.51E+01	3.80E-04	0.00E+00	2.55E+02	2.19E-05	2.11E-02	2.34E-01	3.02E-02	8.07E-01	3.73E-08	2.32E-07	3.90E+00	2.89E+00	4.04E-02	1.77E+00	2.02E-01	7.72E-01	7.38E+03	1.03E+01	2.68E-07	7.75E-07	8.33E-02	2.26E-04	6.51E+00	2.97E+00	7.46E+03	3.87E-04	7.46E+03	7.41E+03	8.45E+00	0.00E+00	0.00E+00	0.00E+00	9.13E+00
M-DBLUNG11060	1.20E-01	3.60E+01	-1.43E-01	3.50E+01	5.23E-04	0.00E+00	2.67E+02	2.28E-05	1.98E-02	2.17E-01	4.21E-02	8.14E-01	4.48E-08	2.42E-07	3.99E+00	3.10E+00	5.72E-02	1.80E+00	2.06E-01	7.68E-01	7.39E+03	1.16E+01	2.68E-07	7.74E-07	8.02E-02	2.68E-04	6.77E+00	4.19E+00	7.47E+03	4.63E-04	7.47E+03	7.41E+03	1.05E+01	0.00E+00	0.00E+00	0.00E+00	9.22E+00
M-DBLUNG11080	1.42E-01	4.59E+01	-1.75E-01	4.46E+01	5.89E-04	0.00E+00	1.87E+02	4.85E-05	2.45E-02	2.66E-01	6.15E-02	8.83E-01	5.11E-08	2.88E-07	4.40E+00	3.22E+00	8.37E-02	2.00E+00	4.07E-01	7.88E-01	7.48E+03	8.78E+00	2.08E-07	8.54E-07	9.27E-02	3.30E-04	1.18E+01	6.13E+00	7.57E+03	5.32E-04	7.57E+03	7.51E+03	1.80E+01	0.00E+00	0.00E+00	0.00E+00	1.72E+01
M-DBLUNG12030	9.47E-02	1.36E+01	-2.77E-02	1.45E+01	4.23E-04	0.00E+00	2.13E+02	1.39E-05	1.27E-02	1.44E-01	2.00E-02	6.67E-01	3.02E-08	1.90E-07	4.76E+00	3.03E+00	2.68E-02	2.15E+00	1.35E-01	7.20E-01	7.34E+03	9.58E+00	6.12E-08	4.52E-07	6.26E-02	2.23E-04	5.45E+00	2.00E+00	7.44E+03	3.12E-04	7.44E+03	7.36E+03	8.17E+00	0.00E+00	0.00E+00	0.00E+00	5.77E+00
M-DBLUNG12040	1.20E-01	3.53E+01	-1.98E-02	3.45E+01	4.09E-04	0.00E+00	2.54E+02	1.38E-05	2.10E-02	2.33E-01	2.85E-02	8.50E-01	4.50E-08	2.24E-07	4.50E+00	3.03E+00	3.84E-02	2.68E+00	1.42E-01	7.75E-01	7.36E+03	1.03E+01	2.71E-07	8.54E-07	8.50E-02	2.31E-04	6.74E+00	2.83E+00	7.46E+03	3.65E-04	7.46E+03	7.38E+03	8.37E+00	0.00E+00	0.00E+00	0.00E+00	6.14E+00
M-DBLUNG12050	1.16E-01	3.49E+01	-1.21E-01	3.44E+01	8.26E-04	0.00E+00	8.86E+01	2.20E-05	1.90E-02	2.07E-01	3.68E-02	8.10E-01	3.78E-08	2.28E-07	4.48E+00	3.19E+00	4.92E-02	1.76E+00	2.06E-01	7.64E-01	7.38E+03	1.21E+01	2.16E-07	7.71E-07	7.87E-02	2.68E-04	6.56E+00	3.61E+00	7.45E+03	4.11E-04	7.45E+03	7.39E+03	9.54E+00	0.00E+00	0.00E+00	0.00E+00	9.21E+00
M-DBLUNG12060	1.22E-01	4.01E+01	-1.46E-01	3.83E+01	6.58E-04	0.00E+00	2.70E+02	2.29E-05	2.03E-02	2.21E-01	4.81E-02	8.19E-01	4.67E-08	2.47E-07	4.06E+00	2.83E+00	6.52E-02	1.81E+00	3.01E-01	7.84E-01	7.42E+03	1.22E+01	2.63E-07	8.13E-07	8.20E-02	2.68E-04	6.78E+00	4.78E+00	7.50E+03	4.84E-04	7.50E+03	7.45E+03	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.24E+01
M-DBLUNG12080	1.45E-01	4.88E+01	-2.01E-01	4.67E+01	9.79E-04	0.00E+00	3.80E+02	6.34E-05	2.60E-02	2.84E-01	6.84E-02	8.76E-01	5.52E-08	3.29E-07	4.20E+00	5.06E+00	9.33E-02	2.18E+00	4.30E-01	7.97E-01	7.54E+03	1.31E+01	3.70E-07	9.05E-07	9.96E-02	3.56E-04	1.10E+01	6.94E+00	7.65E+03	5.58E-04	7.65E+03	7.60E+03	1.82E+01	0.00E+00	0.00E+00	0.00E+00	1.85E+01
M-DBLUNG13030	9.50E-02	1.36E+01	-2.78E-02	1.45E+01	3.71E-04	0.00E+00	2.12E+02	1.39E-05	1.27E-02	1.44E-01	1.99E-02	6.67E-01	3.02E-08	1.90E-07	4.27E+00	2.48E+00	2.67E-02	2.29E+00	1.36E-01	7.20E-01	7.34E+03	9.60E+00	6.13E-08	5.43E-07	6.26E-02	2.23E-04	6.45E+00	1.99E+00	7.44E+03	3.18E-04	7.44E+03	7.37E+03	8.17E+00	0.00E+00	0.00E+00	0.00E+00	5.84E+00
M-DBLUNG13040	1.20E-01	3.49E+01	-4.65E-02	3.45E+01	5.27E-04	0.00E+00	2.54E+02	1.39E-05	2.10E-02	2.34E-01	2.87E-02	8.33E-01	4.55E-08	2.27E-07	4.38E+00	3.11E+00	3.84E-02	2.75E+00	1.43E-01	7.68E-01	7.40E+03	1.16E+01	2.67E-07	8.40E-07	8.51E-02	2.26E-04	6.51E+00	2.84E+00	7.48E+03	3.84E-04	7.48E+03	7.42E+03	8.40E+00	0.00E+00	0.00E+00	0.00E+00	6.22E+00
M-DBLUNG13050	1.18E-01	3.57E+01	-1.42E-01	3.48E+01	7.99E-04	0.00E+00	2.66E+02	2.29E-05	1.94E-02	2.12E-01	4.10E-02	8.10E-01	4.22E-08	2.38E-07	3.93E+00	3.68E+00	5.56E-02	1.75E+00	2.03E-01	7.68E-01	7.38E+03	1.21E+01	2.68E-07	7.74E-07	7.99E-02	2.68E-04	6.78E+00	4.06E+00	7.47E+03	4.58E-04	7.47E+03	7.41E+03	1.02E+01	0.00E+00	0.00E+00	0.00E+00	9.17E+00
M-DBLUNG13060	1.20E-01	4.00E+01	-1.46E-01	3.85E+01	5.65E-04	0.00E+00	1.06E+02	2.74E-05	2.07E-02	2.25E-01	5.03E-02	8.23E-01	4.68E-08	2.52E-07	4.38E+00	2.83E+00	6.82E-02	1.81E+00	3.33E-01	7.86E-01	7.42E+03	8.26E+00	2.06E-07	8.19E-07	8.36E-02	2.71E-04	6.76E+00	4.06E+00	7.50E+03	4.80E-04	7.50E+03	7.46E+03	1.66E+01	0.00E+00	0.00E+00	0.00E+00	1.42E+01
M-DBLUNG13080	1.47E-01	4.98E+01	-2.31E-01	4.97E+01	9.79E-04	0.00E+00	4.20E+02	6.33E-05	2.66E-02	2.88E-01	7.26E-02	8.75E-01	6.09E-08	3.44E-07	4.32E+00	5.06E+00	9.92E-02	2.24E+00	4.30E-01	7.97E-01	7.58E+03	1.31E+01	3.68E-07	9.34E-07	1.02E-01	3.58E-04	1.08E+01	7.67E+00	7.67E+03	5.84E-04	7.67E+03	7.85E+03	1.83E+01	0.00E+00	0.00E+00	0.00E+00	1.87E+01
M-DBLUNG13530	1.09E-01	1.89E+01	-2.09E-02	1.93E+01	2.54E-04	0.00E+00	4.99E+01	1.38E-05	1.51E-02	1.68E-01	2.18E-02	8.85E-01	3.71E-08	1.88E-07	4.81E+00	1.82E+00	2.91E-02	2.27E+00	1.40E-01	7.77E-01	7.35E+03	9.68E+00	9.75E-08	7.41E-07	6.58E-02	2.30E-04	6.68E+00	2.17E+00	7.45E+03	3.25E-04	7.45E+03	7.36E+03	8.09E+00	0.00E+00	0.00E+00	0.00E+00	5.95E+00
M-DBLUNG13540	1.14E-01	3.55E+01	-1.01E-01	3.48E+01	7.88E-04	0.00E+00	2.54E+02	2.19E-05	2.08E-02	2.32E-01	3.02E-02	8.55E-01	3.76E-08	2.21E-07	3.90E+00	3.88E+00	4.04E-02	1.77E+00	2.02E-01	7.72E-01	7.38E+03	1.21E+01	2.68E-07	7.85E-07	8.23E-02	2.26E-04	6.51E+00	2.97E+00	7.45E+03	3.84E-04	7.45E+03	7.39E+03	8.45E+00	0.00E+00	0.00E+00	0.00E+00	9.07E+00
M-DBLUNG13550	1.20E-01	3.60E+01	-1.43E-01	3.50E+01	7.99E-04	0.00E+00	2.67E+02	2.28E-05	1.98E-02	2.17E-01	4.52E-02	8.14E-01	4.50E-08	2.41E-07	3.99E+00	3.87E+00	6.11E-02	1.80E+00	2.11E-01	7.68E-01	7.39E+03	1.21E+01	2.68E-07	7.74E-07	8.02E-02	2.68E-04	6.77E+00	4.48E+00	7.47E+03	4.63E-04	7.47E+03	7.42E+03	1.11E+01	0.00E+00	0.00E+00	0.00E+00	9.47E+00
M-DBLUNG13560	1.30E-01	4.20E+01	-1.75E-01	4.05E+01	6.90E-04	0.00E+00	3.04E+02	4.77E-05	2.17E-02	2.37E-01	5.55E-02	8.22E-01	4.99E-08	2.66E-07	4.25E+00	3.28E+00	7.52E-02	1.82E+00	3.95E-01	7.88E-01	7.44E+03	1.23E+01	2.67E-07	8.30E-07	8.60E-02	2.81E-04	6.67E+00	5.50E+00	7.52E+03	5.05E-04	7.52E+03	7.47E+03	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.71E+01
M-DBLUNG13580	1.90E-01	6.09E+01	-2.54E-01	6.16E+01	9.79E-04	0.00E+00	6.05E+02	6.45E-05	3.27E-02	3.52E-01	7.68E-02	8.57E-01	6.53E-08	4.53E-07	4.44E+00	5.06E+00	1.04E-01	2.24E+00	4.33E-01	8.21E-01	6.65E+03	1.27E+01	5.03E-07	1.03E-06	1.25E-01	4.26E-04	1.13E+01	7.58E+00	6.11E+03	6.02E-04	6.11E+03	6.04E+03	1.85E+01	0.00E+00	0.00E+00	0.00E+00	1.88E+01
M-DBLUNG14030	1.10E-01	1.86E+01	-2.52E-02	1.94E+01	5.42E-04	0.00E+00	2.16E+02	1.36E-05	1.46E-02	1.63E-01	2.14E-02	8.67E-01	3.67E-08	1.90E-07	4.40E+00	3.11E+00	2.85E-02	2.54E+00	1.40E-01	7.52E-01	7.35E+03	1.10E+01	7.62E-08	7.07E-07	8.60E-02	2.30E-04	6.68E+00	2.14E+00	7.45E+03	3.29E-04	7.45E+03	7.36E+03	8.08E+00	0.00E+00	0.00E+00	0.00E+00	5.95E+00
M-DBLUNG14040	1.18E-01	3.58E+01	-1.00E-01	3.51E+01	5.78E-04	0.00E+00	8.71E+01	2.13E-05	2.12E-02	2.34E-01	3.00E-02	8.03E-01	3.72E-08	2.37E-07	4.31E+00	2.65E+00	4.02E-02	2.18E+00	1.98E-01	7.66E-01	7.39E+03	1.20E+01	2.07E-07	7.74E-07	8.35E-02	2.28E-04	6.51E+00	2.95E+00	7.47E+03	3.87E-04	7.47E+03	7.42E+03	8.45E+00	0.00E+00	0.00E+00	0.00E+00	8.97E+00
M-DBLUNG14050	1.20E-01	3.60E+01	-1.43E-01	3.50E+01	7.46E-04	0.00E+00	2.67E+02	2.28E-05	1.98E-02	2.17E-01	4.21E-02	8.14E-01	4.49E-08	2.41E-07	3.99E+00	3.33E+00	5.72E-02	1.80E+00	2.06E-01	7.68E-01	7.39E+03	1.21E+01	2.68E-07	7.74E-07	8.01E-02	2.68E-04	6.78E+00	4.19E+00	7.47E+03	4.81E-04	7.47E+03	7.41E+03	1.05E+01	0.00E+00	0.00E+00	0.00E+00	9.22E+00
M-DBLUNG14060	1.30E-01	4.20E+01	-1.75E-01	4.05E+01	9.53E-04	0.00E+00	3.12E+02	4.65E-05	2.17E-02	2.37E-01	5.55E-02	8.49E-01	4.99E-08	2.66E-07	4.15E+00	4.77E+00	7.52E-02	1.87E+00	3.95E-01	7.88E-01	7.44E+03	1.25E+01	2.67E-07	8.38E-07	8.60E-02	2.81E-04	6.67E+00	5.50E+00	7.52E+03	5.05E-04	7.52E+03	7.47E+03	1.70E+01	0.00E+00	0.00E+00	0.00E+00	1.71E+01
M-DBLUNG14080	1.94E-01	6.09E+01	-2.54E-01	6.16E+01	7.56E-04	0.00E+00	4.52E+02	6.72E-05	3.27E-02	3.52E-01	7.68E-02	8.60E-01	6.54E-08	4.53E-07	4.85E+00	3.83E+00	1.04E-01	2.25E+00	4.33E-01	8.21E-01	7.11E+03	1.27E+01	4.38E-07	1.02E-06	1.26E-01	4.26E-04	1.13E+01	7.54E+00	6.65E+03	6.02E-04	6.65E+03	6.41E+03	1.85E+01	0.00E+00	0.00E+00	0.00E+00	1.88E+01
M-DBLUNG16030	1.04E-01	1.90E+01	-1.70E-02	1.95E+01	5.82E-04	0.00E+00	4.99E+01	1.34E-05	1.50E-02	1.66E-01	2.37E-02	8.12E-01	3.78E-08	1.89E-07	4.86E+00	2.66E+00	3.17E-02	2.79E+00	1.41E-01	7.78E-01	7.36E+03	1.16E+01	1.14E-07	7.52E-07	6.53E-02	2.30E-04	6.70E+00	2.34E+00	7.46E+03	3.57E-04	7.46E+03	7.38E+03	8.30E+00	0.00E+00	0.00E+00	0.00E+00	6.05E+00
M-DBLUNG16040	1.16E-01	3.51E+01	-1.08E-01	3.46E+01	9.43E-04	0.00E+00	2.56E+02	2.21E-05	1.96E-02	2.16E-01	3.29E-02	8.11E-01	3.74E-08	2.29E-07	4.07E+00	4.28E+00	4.36E-02	1.76E+00	2.04E-01	7.61E-01	7.39E+03	1.21E+01	2.68E-07	7.75E-07	8.08E-02	2.68E-04	6.54E+00	3.23E+00	7.48E+03	4.20E-04	7.48E+03	7.41E+03	9.35E+00	0.00E+00	0.00E+00	0.00E+00	9.16E+00
M-DBLUNG16050	1.26E-01	4.01E+01	-1.46E-01	3.84E+01	9.80E-04	0.00E+00	2.73E+02	2.70E-05	2.09E-02	2.28E-01	4.91E-02	8.19E-01	4.66E-08	2.57E-07	4.15E+00	4.50E+00	6.64E-02	1.80E+00	3.36E-01	7.85E-01	7.43E+03	1.23E+01	2.67E-07	8.20E-07	8.39E-02	2.70E-04	6.76E+00	4.86E+00	7.51E+03	4.82E-04	7.51E+03	7.46E+03	1.64E+01	0.00E+00	0.00E+00	0.00E+00	1.44E+01
M-DBLUNG16060	1.42E-01	4.67E+01	-1.75E-01	4.53E+01	9.79E-04	0.00E+00	3.49E+02	5.02E-05	2.48E-02	2.69E-01	6.26E-02	8.81E-01	5.16E-08	3.04E-07	4.19E+00	4.98E+00	8.53E-02	2.09E+00	4.07E-01	7.88E-01	7.54E+03	1.28E+01	2.86E-07	8.62E-07	9.45E-02	3.46E-04	1.19E+01	6.26E+00	7.65E+03	5.40E-04	7.65E+03	7.58E+03	1.82E+01	0.00E+00	0.00E+00	0.00E+00	1.74E+01
M-DBLUNG16080	2.17E-01	6.22E+01	-3.08E-01	6.44E+01	9.79E-04	0.00E+00	6.95E+02	7.12E-05	3.43E-02	3.68E-01	9.32E-02	8.86E-01	7.48E-08	4.95E-07	4.44E+00	5.08E+00	1.25E-01	2.50E+00	4.36E-01	8.27E-01	1.24E+04	1.27E+01	5.08E-07	1.09E-06	1.30E-01	4.26E-04	1.13E+01	9.12E+00	1.16E+04	6.95E-04	1.16E+04	1.25E+04	1.91E+01	0.00E+00	0.00E+00	0.00E+00	1.88E+01
M-DBLUNG3030	3.42E-02	5.09E+00	2.49E-03	4.73E+00	4.71E-04	0.00E+00	1.97E+02	5.29E-06	3.12E-03	3.09E-02	7.30E-03	5.72E-01	2.34E-08	5.16E-08	3.87E+00	3.40E+00	9.92E-03	2.06E-01	7.92E-02	5.11E-01	4.81E+03	8.30E+00	2.72E-08	2.56E-07	1.18E-02	2.16E-04	3.25E+00	7.23E-01	4.87E+03	8.11E-05	4.87E+03	4.83E+03	3.97E+00	0.00E+00	0.00E+00	0.00E+00	3.63E+00
M-DBLUNG3040	3.03E-02	6.51E+00	-2.75E-02	6.74E+00	4.71E-04	0.00E+00	1.98E+02	8.11E-06	3.89E-03	3.85E-02	1.02E-02	5.72E-01	2.51E-08	6.76E-08	3.88E+00	3.15E+00	1.37E-02	2.90E-01	6.92E-02	4.71E-01	5.41E+03	8.59E+00	3.11E-08	2.30E-07	1.38E-02	2.05E-04	3.29E+00	1.17E+00	5.48E+03	7.71E-05	5.48E+03	5.56E+03	4.25E+00	0.00E+00	0.00E+00	0.00E+00	2.94E+00
M-DBLUNG3050	4.05E-02	8.20E+00	-2.25E-02	8.16E+00	4.71E-04	0.00E+00	2.03E+02	1.30E-05	4.83E-03	5.04E-02	1.25E-02	5.75E-01	2.75E-08	9.25E-08	4.19E+00	3.17E+00	1.69E-02	4.47E-01	8.06E-02	5.37E-01	6.38E+03	8.70E+00	4.53E-08	2.77E-07	1.85E-02	2.08E-04	4.47E+00	1.37E+00	6.47E+03	9.62E-05	6.47E+03	6.43E+03	5.16E+00	0.00E+00	0.00E+00	0.00E+00	3.45E+00
M-DBLUNG3060	4.80E-02	1.17E+01	-2.24E-02	1.26E+01	4.71E-04	0.00E+00	2.07E+02	1.39E-05	6.05E-03	6.26E-02	1.51E-02	6.15E-01	2.93E-08	1.22E-07	4.92E+00	3.17E+00	2.05E-02	5.74E-01	8.53E-02	5.76E-01	6.59E+03	8.85E+00	6.08E-08	3.04E-07	2.28E-02	2.07E-04	5.33E+00	1.69E+00	6.59E+03	1.26E-04	6.59E+03	6.47E+03	6.31E+00	0.00E+00	0.00E+00	0.00E+00	3.72E+00
M-DBLUNG3080	1.09E-01	1.81E+01	-2.81E-02	1.90E+01	4.76E-04	0.00E+00	2.15E+02	1.36E-05	1.46E-02	1.63E-01	2.06E-02	7.76E-01	3.48E-08	1.91E-07	5.05E+00	3.18E+00	2.76E-02	1.45E+00	1.20E-01	7.31E-01	6.74E+03	9.48E+00	6.21E-08	6.66E-07	5.71E-02	2.25E-04	6.68E+00	2.07E+00	6.92E+03	3.05E-04	6.92E+03	6.77E+03	7.99E+00	0.00E+00	0.00E+00	0.00E+00	5.29E+00
M-DBLUNG3530	2.38E-02	4.93E+00	-6.01E-03	4.74E+00	4.71E-04	0.00E+00	1.87E+02	5.17E-06	3.02E-03	2.91E-02	6.71E-03	5.72E-01	2.31E-08	5.16E-08	3.87E+00	3.18E+00	9.11E-03	2.10E-01	5.41E-02	4.87E-01	4.61E+03	8.29E+00	2.65E-08	2.29E-07	1.04E-02	2.14E-04	3.23E+00	6.68E-01	4.64E+03	5.88E-05	4.64E+03	4.57E+03	3.85E+00	0.00E+00	0.00E+00	0.00E+00	2.52E+00
M-DBLUNG3540	3.09E-02	6.75E+00	-1.89E-02	6.72E+00	4.71E-04	0.00E+00	1.94E+02	7.00E-06	3.99E-03	3.99E-02	9.61E-03	5.71E-01	2.49E-08	6.78E-08	3.88E+00	3.15E+00	1.30E-02	2.95E-01	7.09E-02	4.64E-01	5.60E+03	8.40E+00	2.75E-08	2.28E-07	1.40E-02	2.05E-04	3.29E+00	1.14E+00	5.71E+03	8.23E-05	5.71E+03	5.62E+03	4.37E+00	0.00E+00	0.00E+00	0.00E+00	3.05E+00
M-DBLUNG3550	3.83E-02	7.71E+00	-2.27E-02	7.85E+00	3.00E-04	0.00E+00	3.50E+01	1.04E-05	4.68E-03	4.85E-02	1.20E-02	5.74E-01	2.65E-08	8.70E-08	4.33E+00	1.95E+00	1.62E-02	4.64E-01	7.91E-02	5.33E-01	6.55E+03	8.70E+00	4.08E-08	2.63E-07	1.67E-02	2.07E-04	3.94E+00	1.31E+00	6.55E+03	9.56E-05	6.55E+03	6.44E+03	4.98E+00	0.00E+00	0.00E+00	0.00E+00	3.38E+00
M-DBLUNG3560	4.80E-02	1.17E+01	-2.24E-02	1.26E+01	4.71E-04	0.00E+00	2.07E+02	1.39E-05	6.05E-03	6.26E-02	1.51E-02	6.15E-01	2.93E-08	1.22E-07	4.92E+00	3.17E+00	2.05E-02	6.21E-01	8.53E-02	6.17E-01	6.59E+03	8.85E+00	6.08E-08	3.04E-07	2.28E-02	2.22E-04	5.33E+00	1.69E+00	6.65E+03	2.35E-04	6.65E+03	6.49E+03	6.28E+00	0.00E+00	0.00E+00	0.00E+00	3.72E+00
M-DBLUNG3580	1.10E-01	1.85E+01	-2.49E-02	1.92E+01	4.22E-04	0.00E+00	2.17E+02	1.36E-05	1.49E-02	1.62E-01	2.14E-02	8.72E-01	3.70E-08	1.90E-07	4.80E+00	3.02E+00	2.86E-02	2.08E+00	1.34E-01	7.57E-01	7.01E+03	9.62E+00	7.58E-08	7.06E-07	6.61E-02	2.28E-04	6.68E+00	2.14E+00	7.11E+03	3.08E-04	7.11E+03	7.02E+03	8.03E+00	0.00E+00	0.00E+00	0.00E+00	5.78E+00
M-DBLUNG4030	2.95E-02	6.50E+00	-1.60E-02	6.53E+00	3.00E-04	0.00E+00	2.63E+01	6.68E-06	3.81E-03	3.82E-02	9.61E-03	5.72E-01	2.48E-08	6.59E-08	4.28E+00	1.92E+00	1.30E-02	2.57E-01	6.95E-02	4.64E-01	5.18E+03	8.38E+00	1.66E-08	2.18E-07	1.35E-02	2.04E-04	3.29E+00	1.14E+00	5.23E+03	7.43E-05	5.23E+03	5.30E+03	4.27E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+00
M-DBLUNG4040	4.05E-02	8.20E+00	-2.25E-02	8.16E+00	3.27E-04	0.00E+00	2.03E+02	1.30E-05	4.83E-03	5.04E-02	1.25E-02	5.75E-01	2.75E-08	9.25E-08	4.29E+00	2.08E+00	1.69E-02	4.47E-01	8.06E-02	5.37E-01	6.38E+03	8.70E+00	4.53E-08	2.77E-07	1.85E-02	2.08E-04	4.47E+00	1.37E+00	6.47E+03	9.62E-05	6.47E+03	6.43E+03	5.16E+00	0.00E+00	0.00E+00	0.00E+00	3.45E+00
M-DBLUNG4050	4.83E-02	1.17E+01	-2.38E-02	1.26E+01	3.27E-04	0.00E+00	2.07E+02	1.39E-05	6.07E-03	6.33E-02	1.56E-02	6.33E-01	2.98E-08	1.23E-07	4.80E+00	2.22E+00	2.10E-02	7.09E-01	9.44E-02	6.17E-01	6.52E+03	8.81E+00	7.22E-08	3.04E-07	2.31E-02	2.23E-04	5.38E+00	1.64E+00	6.58E+03	2.15E-04	6.58E+03	6.45E+03	6.48E+00	0.00E+00	0.00E+00	0.00E+00	4.23E+00
M-DBLUNG4060	1.08E-01	1.52E+01	-2.81E-02	1.58E+01	3.32E-04	0.00E+00	2.14E+02	1.38E-05	1.28E-02	1.46E-01	2.02E-02	7.83E-01	3.20E-08	1.88E-07	5.14E+00	2.08E+00	2.70E-02	1.44E+00	1.20E-01	7.32E-01	6.67E+03	9.48E+00	6.21E-08	6.46E-07	6.58E-02	2.25E-04	6.67E+00	2.01E+00	6.79E+03	3.05E-04	6.79E+03	6.72E+03	7.99E+00	0.00E+00	0.00E+00	0.00E+00	5.29E+00
M-DBLUNG4080	1.20E-01	2.90E+01	-1.47E-02	2.85E+01	3.71E-04	0.00E+00	2.45E+02	1.42E-05	1.90E-02	2.11E-01	2.66E-02	8.71E-01	4.37E-08	2.10E-07	4.83E+00	2.89E+00	3.58E-02	2.16E+00	1.38E-01	7.76E-01	7.03E+03	1.01E+01	2.65E-07	7.98E-07	7.86E-02	2.31E-04	6.79E+00	2.64E+00	7.15E+03	3.13E-04	7.15E+03	7.06E+03	8.33E+00	0.00E+00	0.00E+00	0.00E+00	5.89E+00
M-DBLUNG4530	3.19E-02	6.73E+00	-2.46E-02	6.95E+00	4.71E-04	0.00E+00	2.01E+02	1.06E-05	4.03E-03	4.07E-02	1.07E-02	5.72E-01	2.56E-08	6.96E-08	3.88E+00	3.16E+00	1.45E-02	2.97E-01	7.39E-02	4.71E-01	5.75E+03	8.61E+00	3.17E-08	2.33E-07	1.44E-02	2.06E-04	3.86E+00

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MES-DBD12030	1.44E-01	3.03E+01	-1.02E-01	3.39E+01	6.89E-04	0.00E+00	6.49E+01	1.63E-05	1.80E-02	2.05E-01	3.03E-02	2.30E+01	5.04E-08	2.77E-07	3.58E+00	1.80E+00	4.06E-02	8.13E-01	1.85E-01	8.27E-01	1.93E+03	1.19E+01	4.73E-07	6.98E-07	8.01E-02	7.28E-04	3.46E+00	3.24E+00	2.08E+03	1.09E-04	2.08E+03	1.85E+03	6.99E+00	0.00E+00	0.00E+00	0.00E+00	8.28E+00
MES-DBD12040	1.44E-01	3.03E+01	-1.02E-01	3.39E+01	6.89E-04	0.00E+00	6.48E+01	1.62E-05	1.76E-02	2.04E-01	3.05E-02	2.30E+01	5.07E-08	2.76E-07	3.58E+00	1.80E+00	4.08E-02	8.13E-01	1.90E-01	8.42E-01	1.93E+03	9.07E+00	4.73E-07	6.97E-07	8.00E-02	7.28E-04	3.46E+00	3.25E+00	2.08E+03	1.09E-04	2.08E+03	1.90E+03	6.99E+00	0.00E+00	0.00E+00	0.00E+00	8.47E+00
MES-DBD12050	1.44E-01	2.94E+01	-1.04E-01	3.33E+01	6.89E-04	0.00E+00	6.31E+01	1.62E-05	1.70E-02	1.95E-01	3.27E-02	2.30E+01	5.07E-08	2.73E-07	3.58E+00	1.80E+00	4.37E-02	8.32E-01	1.91E-01	8.43E-01	1.75E+03	9.12E+00	4.73E-07	6.91E-07	7.78E-02	7.28E-04	3.46E+00	3.48E+00	1.95E+03	1.09E-04	1.95E+03	1.76E+03	7.54E+00	0.00E+00	0.00E+00	0.00E+00	8.53E+00
MES-DBD12060	1.44E-01	2.94E+01	-1.24E-01	3.33E+01	6.89E-04	0.00E+00	6.31E+01	1.62E-05	1.68E-02	1.93E-01	3.44E-02	2.30E+01	5.07E-08	2.72E-07	3.87E+00	1.80E+00	4.61E-02	8.52E-01	1.93E-01	8.43E-01	1.73E+03	9.12E+00	4.73E-07	6.91E-07	7.70E-02	7.28E-04	3.47E+00	3.65E+00	1.90E+03	1.09E-04	1.90E+03	1.72E+03	7.76E+00	0.00E+00	0.00E+00	0.00E+00	8.53E+00
MES-DBD12080	1.42E-01	2.92E+01	-1.49E-01	3.31E+01	6.89E-04	0.00E+00	6.31E+01	1.62E-05	1.64E-02	1.89E-01	4.05E-02	2.30E+01	5.20E-08	2.51E-07	3.92E+00	1.80E+00	5.49E-02	8.60E-01	1.88E-01	8.38E-01	1.66E+03	9.20E+00	4.84E-07	6.86E-07	7.44E-02	7.28E-04	3.86E+00	4.27E+00	1.87E+03	9.84E-05	1.87E+03	1.68E+03	8.41E+00	0.00E+00	0.00E+00	0.00E+00	8.56E+00
MES-DBD13030	1.44E-01	3.02E+01	-1.04E-01	3.38E+01	6.89E-04	0.00E+00	6.48E+01	1.62E-05	1.78E-02	2.02E-01	3.05E-02	2.30E+01	5.07E-08	2.73E-07	3.58E+00	1.80E+00	4.08E-02	8.32E-01	1.91E-01	8.43E-01	1.92E+03	9.07E+00	4.73E-07	6.97E-07	7.99E-02	7.28E-04	3.46E+00	3.25E+00	2.07E+03	1.09E-04	2.07E+03	1.89E+03	7.02E+00	0.00E+00	0.00E+00	0.00E+00	8.53E+00
MES-DBD13040	1.44E-01	2.94E+01	-1.04E-01	3.33E+01	6.89E-04	0.00E+00	6.31E+01	1.62E-05	1.70E-02	1.95E-01	3.27E-02	2.30E+01	5.07E-08	2.73E-07	3.58E+00	1.80E+00	4.37E-02	8.32E-01	1.93E-01	8.43E-01	1.75E+03	9.12E+00	4.73E-07	6.91E-07	7.78E-02	7.28E-04	3.47E+00	3.48E+00	1.95E+03	1.09E-04	1.95E+03	1.76E+03	7.54E+00	0.00E+00	0.00E+00	0.00E+00	8.53E+00
MES-DBD13050	1.43E-01	2.93E+01	-1.24E-01	3.32E+01	6.89E-04	0.00E+00	6.28E+01	1.62E-05	1.66E-02	1.91E-01	3.64E-02	2.30E+01	5.08E-08	2.72E-07	3.87E+00	1.80E+00	4.88E-02	8.73E-01	1.95E-01	8.43E-01	1.68E+03	9.12E+00	4.73E-07	6.91E-07	7.58E-02	7.28E-04	3.46E+00	3.65E+00	1.88E+03	1.09E-04	1.88E+03	1.69E+03	7.83E+00	0.00E+00	0.00E+00	0.00E+00	8.59E+00
MES-DBD13060	1.42E-01	2.92E+01	-1.49E-01	3.31E+01	6.89E-04	0.00E+00	6.31E+01	1.62E-05	1.64E-02	1.89E-01	3.98E-02	2.30E+01	5.20E-08	2.51E-07	3.92E+00	1.80E+00	5.40E-02	8.60E-01	1.88E-01	8.38E-01	1.66E+03	9.20E+00	4.84E-07	6.86E-07	7.44E-02	7.28E-04	3.86E+00	4.19E+00	1.87E+03	9.84E-05	1.87E+03	1.68E+03	8.41E+00	0.00E+00	0.00E+00	0.00E+00	8.48E+00
MES-DBD13080	1.42E-01	2.93E+01	-1.49E-01	3.31E+01	6.89E-04	0.00E+00	6.36E+01	1.62E-05	1.65E-02	1.89E-01	4.11E-02	2.30E+01	5.26E-08	2.53E-07	3.92E+00	1.80E+00	5.58E-02	8.60E-01	1.87E-01	8.41E-01	1.68E+03	7.28E+00	4.85E-07	6.90E-07	7.46E-02	7.28E-04	3.85E+00	4.34E+00	1.88E+03	9.84E-05	1.88E+03	1.69E+03	8.70E+00	0.00E+00	0.00E+00	0.00E+00	8.55E+00
MES-DBD13530	1.44E-01	2.94E+01	-1.04E-01	3.33E+01	6.89E-04	0.00E+00	6.31E+01	1.62E-05	1.70E-02	1.95E-01	3.27E-02	2.30E+01	5.07E-08	2.73E-07	3.58E+00	1.80E+00	4.37E-02	8.32E-01	1.93E-01	8.43E-01	1.75E+03	9.12E+00	4.73E-07	6.91E-07	7.78E-02	7.28E-04	3.47E+00	3.48E+00	1.95E+03	1.09E-04	1.95E+03	1.76E+03	7.54E+00	0.00E+00	0.00E+00	0.00E+00	8.53E+00
MES-DBD13540	1.43E-01	2.94E+01	-1.24E-01	3.32E+01	6.89E-04	0.00E+00	6.28E+01	1.62E-05	1.67E-02	1.91E-01	3.60E-02	2.30E+01	5.08E-08	2.72E-07	3.87E+00	1.80E+00	4.83E-02	8.73E-01	1.95E-01	8.43E-01	1.69E+03	9.12E+00	4.73E-07	6.91E-07	7.61E-02	7.28E-04	3.46E+00	3.60E+00	1.88E+03	1.09E-04	1.88E+03	1.69E+03	7.83E+00	0.00E+00	0.00E+00	0.00E+00	8.59E+00
MES-DBD13550	1.41E-01	2.91E+01	-1.49E-01	3.30E+01	6.89E-04	0.00E+00	6.28E+01	1.62E-05	1.63E-02	1.88E-01	3.83E-02	2.30E+01	5.30E-08	2.68E-07	3.92E+00	1.80E+00	5.17E-02	8.60E-01	1.92E-01	8.40E-01	1.65E+03	9.12E+00	4.73E-07	6.88E-07	7.47E-02	7.28E-04	3.87E+00	4.03E+00	1.86E+03	1.09E-04	1.86E+03	1.66E+03	8.42E+00	0.00E+00	0.00E+00	0.00E+00	8.48E+00
MES-DBD13560	1.14E-01	3.12E+01	-1.65E-01	3.41E+01	6.89E-04	0.00E+00	6.14E+01	1.71E-05	1.69E-02	1.95E-01	4.04E-02	2.43E+01	5.70E-08	2.58E-07	3.74E+00	1.80E+00	5.48E-02	1.75E+00	2.70E-01	7.77E-01	2.09E+03	9.18E+00	3.15E-07	5.99E-07	6.83E-02	7.03E-04	4.71E+00	4.27E+00	2.22E+03	4.45E-04	2.22E+03	2.04E+03	8.37E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+01
MES-DBD13580	1.66E-01	3.55E+01	-2.01E-01	4.00E+01	6.89E-04	0.00E+00	1.55E+02	4.00E-05	2.04E-02	2.33E-01	4.24E-02	2.31E+01	5.43E-08	3.52E-07	3.92E+00	1.80E+00	5.70E-02	2.67E+00	1.93E-01	9.52E-01	2.92E+03	1.62E+01	5.94E-07	8.90E-07	9.01E-02	7.51E-04	3.92E+00	5.05E+00	3.08E+03	1.26E-04	3.08E+03	2.64E+03	1.15E+01	0.00E+00	0.00E+00	0.00E+00	8.79E+00
MES-DBD14030	1.43E-01	2.94E+01	-1.24E-01	3.32E+01	6.89E-04	0.00E+00	6.28E+01	1.62E-05	1.67E-02	1.91E-01	3.60E-02	2.30E+01	5.08E-08	2.72E-07	3.87E+00	1.80E+00	4.83E-02	8.52E-01	1.95E-01	8.43E-01	1.69E+03	9.12E+00	4.73E-07	6.91E-07	7.61E-02	7.28E-04	3.46E+00	3.60E+00	1.88E+03	1.09E-04	1.88E+03	1.69E+03	7.83E+00	0.00E+00	0.00E+00	0.00E+00	8.59E+00
MES-DBD14040	1.44E-01	2.93E+01	-1.26E-01	3.33E+01	6.89E-04	0.00E+00	6.31E+01	1.62E-05	1.66E-02	1.91E-01	3.81E-02	2.30E+01	5.05E-08	2.54E-07	3.87E+00	1.80E+00	5.15E-02	8.73E-01	1.91E-01	8.41E-01	1.67E+03	9.20E+00	4.84E-07	6.92E-07	7.58E-02	7.28E-04	3.48E+00	4.03E+00	1.87E+03	9.84E-05	1.87E+03	1.69E+03	7.89E+00	0.00E+00	0.00E+00	0.00E+00	8.59E+00
MES-DBD14050	1.42E-01	2.92E+01	-1.49E-01	3.31E+01	6.89E-04	0.00E+00	6.31E+01	1.62E-05	1.64E-02	1.89E-01	4.05E-02	2.30E+01	5.20E-08	2.51E-07	3.92E+00	1.80E+00	5.49E-02	8.60E-01	1.88E-01	8.38E-01	1.66E+03	9.20E+00	4.84E-07	6.86E-07	7.44E-02	7.28E-04	3.86E+00	4.27E+00	1.87E+03	9.84E-05	1.87E+03	1.68E+03	8.41E+00	0.00E+00	0.00E+00	0.00E+00	8.56E+00
MES-DBD14060	1.42E-01	2.93E+01	-1.49E-01	3.32E+01	6.89E-04	0.00E+00	6.36E+01	1.62E-05	1.65E-02	1.89E-01	4.10E-02	2.30E+01	5.25E-08	2.53E-07	3.92E+00	1.80E+00	5.56E-02	8.60E-01	1.87E-01	8.41E-01	1.68E+03	7.28E+00	4.85E-07	6.90E-07	7.46E-02	7.28E-04	3.86E+00	4.33E+00	1.88E+03	9.84E-05	1.88E+03	1.69E+03	8.70E+00	0.00E+00	0.00E+00	0.00E+00	8.55E+00
MES-DBD14080	1.42E-01	2.99E+01	-1.54E-01	3.33E+01	6.89E-04	0.00E+00	6.40E+01	1.62E-05	1.68E-02	1.92E-01	4.24E-02	2.30E+01	5.36E-08	2.56E-07	4.00E+00	1.80E+00	5.72E-02	8.62E-01	1.89E-01	8.41E-01	1.68E+03	6.51E+00	4.85E-07	6.90E-07	7.57E-02	7.28E-04	3.85E+00	4.45E+00	1.88E+03	9.84E-05	1.88E+03	1.69E+03	8.99E+00	0.00E+00	0.00E+00	0.00E+00	8.69E+00
MES-DBD15030	1.42E-01	2.92E+01	-1.49E-01	3.31E+01	6.89E-04	0.00E+00	6.31E+01	1.62E-05	1.64E-02	1.89E-01	4.05E-02	2.30E+01	5.26E-08	2.51E-07	3.92E+00	1.80E+00	5.49E-02	8.60E-01	1.88E-01	8.38E-01	1.66E+03	9.20E+00	4.84E-07	6.86E-07	7.44E-02	7.28E-04	3.86E+00	4.27E+00	1.87E+03	9.84E-05	1.87E+03	1.68E+03	8.41E+00	0.00E+00	0.00E+00	0.00E+00	8.56E+00
MES-DBD15040	1.42E-01	2.93E+01	-1.49E-01	3.32E+01	6.89E-04	0.00E+00	6.35E+01	1.62E-05	1.64E-02	1.89E-01	4.10E-02	2.30E+01	5.26E-08	2.53E-07	3.92E+00	1.80E+00	5.56E-02	8.60E-01	1.87E-01	8.41E-01	1.67E+03	9.20E+00	4.85E-07	6.90E-07	7.46E-02	7.28E-04	3.86E+00	4.32E+00	1.87E+03	9.84E-05	1.87E+03	1.69E+03	8.70E+00	0.00E+00	0.00E+00	0.00E+00	8.55E+00
MES-DBD15050	1.42E-01	2.94E+01	-1.54E-01	3.32E+01	6.89E-04	0.00E+00	6.36E+01	1.62E-05	1.65E-02	1.89E-01	4.12E-02	2.30E+01	5.32E-08	2.53E-07	4.00E+00	1.80E+00	5.60E-02	8.60E-01	1.87E-01	8.41E-01	1.68E+03	6.51E+00	4.85E-07	6.90E-07	7.48E-02	7.28E-04	3.85E+00	4.35E+00	1.88E+03	9.84E-05	1.88E+03	1.69E+03	8.99E+00	0.00E+00	0.00E+00	0.00E+00	8.55E+00
MES-DBD15060	1.42E-01	2.94E+01	-1.54E-01	3.32E+01	6.89E-04	0.00E+00	6.36E+01	1.62E-05	1.65E-02	1.90E-01	4.23E-02	2.30E+01	5.33E-08	2.54E-07	4.00E+00	1.80E+00	5.71E-02	8.60E-01	1.87E-01	8.41E-01	1.68E+03	6.51E+00	4.85E-07	6.90E-07	7.50E-02	7.28E-04	3.85E+00	4.44E+00	1.88E+03	9.84E-05	1.88E+03	1.69E+03	8.99E+00	0.00E+00	0.00E+00	0.00E+00	8.55E+00
MES-DBD15080	1.49E-01	3.05E+01	-1.56E-01	3.34E+01	6.89E-04	0.00E+00	6.25E+01	1.65E-05	1.71E-02	1.95E-01	4.59E-02	2.30E+01	5.34E-08	2.58E-07	3.92E+00	1.80E+00	6.22E-02	8.89E-01	1.82E-01	8.42E-01	1.62E+03	6.52E+00	4.85E-07	6.89E-07	7.67E-02	7.28E-04	3.70E+00	4.80E+00	1.88E+03	9.84E-05	1.88E+03	1.69E+03	9.31E+00	0.00E+00	0.00E+00	0.00E+00	8.88E+00
MES-DBD16030	1.42E-01	2.93E+01	-1.49E-01	3.31E+01	6.89E-04	0.00E+00	6.36E+01	1.62E-05	1.65E-02	1.89E-01	4.11E-02	2.30E+01	5.26E-08	2.53E-07	3.92E+00	1.80E+00	5.58E-02	8.60E-01	1.87E-01	8.41E-01	1.68E+03	7.28E+00	4.85E-07	6.90E-07	7.46E-02	7.28E-04	3.85E+00	4.34E+00	1.88E+03	9.84E-05	1.88E+03	1.69E+03	8.70E+00	0.00E+00	0.00E+00	0.00E+00	8.55E+00
MES-DBD16040	1.42E-01	2.94E+01	-1.54E-01	3.32E+01	6.89E-04	0.00E+00	6.36E+01	1.62E-05	1.65E-02	1.89E-01	4.23E-02	2.30E+01	5.33E-08	2.53E-07	4.00E+00	1.80E+00	5.71E-02	8.60E-01	1.87E-01	8.41E-01	1.68E+03	6.51E+00	4.85E-07	6.90E-07	7.49E-02	7.28E-04	3.85E+00	4.44E+00	1.88E+03	9.84E-05	1.88E+03	1.69E+03	8.99E+00	0.00E+00	0.00E+00	0.00E+00	8.55E+00
MES-DBD16050	1.48E-01	2.99E+01	-1.54E-01	3.33E+01	6.89E-04	0.00E+00	6.40E+01	1.62E-05	1.68E-02	1.92E-01	4.24E-02	2.30E+01	5.36E-08	2.55E-07	4.00E+00	1.80E+00	5.73E-02	8.62E-01	1.89E-01	8.41E-01	1.68E+03	6.52E+00	4.85E-07	6.90E-07	7.57E-02	7.28E-04	3.85E+00	4.46E+00	1.88E+03	9.84E-05	1.88E+03	1.69E+03	8.99E+00	0.00E+00	0.00E+00	0.00E+00	8.68E+00
MES-DBD16060	1.48E-01	2.98E+01	-1.56E-01	3.32E+01	6.89E-04	0.00E+00	6.22E+01	1.65E-05	1.68E-02	1.92E-01	4.57E-02	2.30E+01	5.33E-08	2.55E-07	3.92E+00	1.80E+00	6.19E-02	8.89E-01	1.81E-01	8.42E-01	1.62E+03	6.52E+00	4.85E-07	6.91E-07	7.60E-02	7.28E-04	3.70E+00	4.78E+00	1.88E+03	9.84E-05	1.88E+03	1.69E+03	9.31E+00	0.00E+00	0.00E+00	0.00E+00	8.88E+00
MES-DBD16080	1.49E-01	3.37E+01	-1.58E-01	3.64E+01	6.89E-04	0.00E+00	6.27E+01	1.65E-05	1.76E-02	1.99E-01	4.67E-02	2.30E+01	5.47E-08	2.58E-07	3.97E+00	1.80E+00	6.32E-02	8.90E-01	1.82E-01	8.43E-01	1.76E+03	6.51E+00	4.85E-07	6.88E-07	7.72E-02	7.28E-04	3.68E+00	4.87E+00	2.12E+03	9.90E-05	2.12E+03	1.94E+03	9.31E+00	0.00E+00	0.00E+00	0.00E+00	8.88E+00
MES-DBD30100	1.33E-01	1.73E+01	8.38E-03	2.04E+01	6.89E-04	0.00E+00	5.53E+01	1.67E-05	1.47E-02	1.72E-01	2.39E-02	2.29E+01	5.40E-08	8.48E-07	3.95E+00	1.92E+00	3.19E-02	6.85E-01	1.45E-01	8.18E-01	2.03E+03	1.17E+01	4.99E-07	6.74E-07	8.64E-02	7.82E-04	4.14E+00	2.63E+00	2.18E+03	2.79E-04	2.18E+03	2.03E+03	6.81E+00	0.00E+00	0.00E+00	0.00E+00	6.34E+00
MES-DBD3030	9.48E-02	9.19E+00	2.13E-02	1.20E+01	6.89E-04	0.00E+00	5.90E+01	1.67E-05	5.59E-03	7.31E-02	1.43E-02	2.28E+01	4.23E-08	1.56E-06	3.43E+00	2.07E+00	1.94E-02	3.17E-01	1.24E-01	6.51E-01	4.79E+02	1.14E+01	5.59E-07	4.22E-07	2.46E-02	7.82E-04	4.51E+00	1.73E+00	7.30E+02	4.24E-04	7.30E+02	5.63E+02	4.49E+00	0.00E+00	0.00E+00	0.00E+00	5.09E+00
MES-DBD3040	9.59E-02	1.11E+01	1.94E-02	1.43E+01	6.89E-04	0.00E+00	5.62E+01	1.66E-05	6.27E-03	7.83E-02	1.51E-02	2.27E+01	4.20E-08	1.56E-06	3.93E+00	2.07E+00	2.05E-02	4.37E-01	1.26E-01	6.82E-01	5.28E+02	1.14E+01	5.64E-07	4.25E-07	2.61E-02	7.83E-04	4.46E+00	1.82E+00	8.08E+02	4.24E-04	8.08E+02	6.23E+02	4.68E+00	0.00E+00	0.00E+00	0.00E+00	5.25E+00
MES-DBD3050	9.39E-02	1.09E+01	1.32E-02	1.42E+01	6.89E-04	0.00E+00	5.31E+01	1.65E-05	6.26E-03	7.87E-02	1.73E-02	2.27E+01	4.02E-08	1.34E-06	3.84E+00	2.03E+00	2.31E-02	5.93E-01	1.38E-01	6.82E-01	6.26E+02	1.14E+01	5.14E-07	4.17E-07	2.61E-02	7.78E-04	4.38E+00	1.97E+00	9.07E+02	3.59E-04	9.07E+02	7.11E+02	4.75E+00	0.00E+00	0.00E+00	0.00E+00	6.06E+00
MES-DBD3060	9.09E-02	1.10E+01	4.62E-03	1.44E+01	6.89E-04	0.00E+00	5.08E+01	1.67E-05	6.61E-03	8.33E-02	1.97E-02	2.27E+01	3.94E-08	1.04E-06	3.89E+00	2.03E+00	2.63E-02	6.58E-01	1.43E-01	6.79E-01	1.81E+03	1.14E+01	4.79E-07	3.97E-07	2.78E-02	7.78E-04	4.85E+00	2.25E+00	2.00E+03	3.13E-04	2.00E+03	1.87E+03	6.78E+00	0.00E+00	0.00E+00	0.00E+00	6.38E+00
MES-DBD3080	1.30E-01	1.66E+01	5.55E-03	2.01E+01	6.89E-04	0.00E+00	5.30E+01	1.67E-05	1.45E-02	1.69E-01	2.09E-02	2.29E+01	5.10E-08	1.03E-06	3.89E+00	1.98E+00	2.77E-02	6.68E-01	1.43E-01	7.77E-01	1.98E+03	1.15E+01	4.79E-07	6.23E-07	6.65E-02	7.83E-04	4.55E+00	2.35E+00	2.18E+03	3.14E-04	2.18E+03	2.01E+03	6.70E+00	0.00E+00	0.00E+00	0.00E+00	6.42E+00
MES-DBD3090	1.32E-01	1.72E+01	8.15E-03	2.04E+01	6.89E-04	0.00E+00	5.45E+01	1.67E-05	1.48E-02	1.72E-01	2.16E-02	2.29E+01	5.31E-08	9.15E-07	3.91E+00	1.98E+00	2.86E-02	6.68E-01	1.42E-01	7.79E-01	2.02E+03	1.16E+01	4.88E-07	6.68E-07	6.64E-02	7.84E-04	4.16E+00	2.44E+00	2.18E+03	2.91E-04	2.18E+03	2.02E+03	6.63E+00	0.00E+00	0.00E+00	0.00E+00	6.25E+00
MES-DBD3530	9.33E-02	1.09E+01	1.70E-02	1.42E+01	6.89E-04	0.00E+00	5.31E+01	1.66E-05	6.07E-03	7.70E-02	1.46E-02	2.27E+01	4.00E-08	1.33E-06	3.81E+00	2.07E+00	1.98E-02	3.19E-01	1.18E-01	6.56E-01	5.44E+02	1.14E+01	5.17E-07	4.14E-07	2.58E-02	7.77E-04	4.37E+00	1.77E+00	8.20E+02	3.59E-04	8.20E+02	6.46E+02	4.11E+00	0.00E+00	0.00E+00	0.00E+00	4.90E+00
MES-DBD3540	9.37E-02	1.10E+01	1.49E-02	1.42E+01	6.89E-04	0.00E+00	5.31E+01	1.66E-05	6.24E-03	7.87E-02	1.56E-02	2.27E+01	4.07E-08	1.34E-06	3.83E+00	2.03E+00	2.11E-02	5.93E-01	1.33E-01	6.82E-01	1.59E+03	1.14E+01	5.17E-07	4.17E-07	2.61E-02	7.78E-04	4.21E+00	1.86E+00	1.79E+03	3.59E-04	1.79E+03	1.65E+03	4.35E+00	0.00E+00	0.00E+00	0.00E+00	5.60E+00
MES-DBD3550	9.09E-02	1.10E+01	4.62E-03	1.44E+01	6.89E-04	0.00E+00	5.08E+01	1.67E-05	6.61E-03	8.33E-02	1.97E-02	2.27E+01	3.94E-08	1.04E-06	3.89E+00	2.03E+00	2.63E-02	6.58E-01	1.43E-01	6.79E-01	1.81E+03	1.14E+01	4.79E-07	3.97E-07	2.78E-02	7.78E-04	4.85E+00	2.25E+00	2.00E+03	3.13E-04	2.00E+03	1.87E+03	6.78E+00	0.00E+00	0.00E+00	0.00E+00	6.38E+00
MES-DBD3560	1.11E-01	1.27E+01	3.87E-03	1.60E+01	6.89E-04	0.00E+00	5.08E+01	1.67E-05	1.27E-02	1.55E-01	2.02E-02	2.29E+01	4.73E-08	1.04E-06	3.92E+00	2.03E+00	2.68E-02	6.65E-01	1.43E-01	7.42E-01	1.94E+03	1.15E+01	4.75E-07	5.05E-07	6.38E-02	7.82E-04	4.43E+00	2.28E+00	2.14E+03	3.19E-04	2.14E+03	1.98E+03	6.65E+00	0.00E+00	0.00E+00	0.00E+00	6.41E+00
MES-DBD3580	1.31E-01	1.71E+01	1.03E-02	2.02E+01	6.89E-04	0.00E+00	5.50E+01	1.67E-05	1.46E-02	1.69E-01	2.16E-02	2.29E+01	5.29E-08	1.02E-06	3.91E+00	1.98E+00	2.86E-02	6.69E-01	1.44E-01	7.86E-01	2.02E+03	1.16E+01	4.92E-07	6.47E-07	6.64E-02	7.84E-04	4.29E+00	2.44E+00	2.18E+03	3.15E-04	2.18E+03	2.01E+03	6.66E+00	0.00E+00	0.00E+00	0.00E+00	6.43E+00
MES-DBD40100	1.35E-01	2.16E+01	1.00E-02	2.48E+01	6.89E-04	0.00E+00	5.76E+01	1.65E-05	1.59E-02	1.83E-01	2.50E-02	2.29E+01	5.63E-08	8.45E-07	4.02E+00	1.86E+00	3.33E-02	7.05E-01	1.45E-01	8.10E-01	2.06E+03	1.19E+01	5.46E-07	6.75E-07	7.21E-02	7.85E-04	4.20E+00	2.68E+00	2.23E+03	2.82E-04	2.23E+03	2.09E+03	6.91E+00	0.00E+00	0.00E+00	0.00E+00	6.32E+00
MES-DBD4030	9.42E-02	1.10E+01	1.49E-02	1.42E+01	6.89E-04	0.00E+00	5.31E+01	1.65E-05	6.26E-03	7.87E-02	1.56E-02	2.27E+01	4.05E-08	1.34E-06	3.83E+00	2.03E+00	2.11E-02	5.88E-01	1.33E-01	6.82E-01	6.27E+02	1.14E+01	5.17E-07	4.17E-07	2.61E-02	7.78E-04	4.38E+00	1.88E+00	8.99E+02	3.59E-04	8.99E+02	7.10E+02	4.37E+00	0.00E+00	0.00E+00	0.00E+00	5.60E+00
MES-DBD4040	9.09E-02	1.10E+01	4.62E-03	1.44E+01	6.89E-04	0.00E+00	5.06E+01	1.67E-05	6.49E-03	8.11E-02	1.99E-02	2.27E+01	3.94E-08	1.04E-06	3.89E+00	2.03E+00	2.61E-02	6.58E-01	1.43E-01	6.75E-01	1.79E+03	1.14E+01	4.79E-07	3.97E-07	2.70E-02	7.78E-04	4.85E+00	2.24E+00	1.99E+03	3.13E-04	1.99E+03	1.86E+03	6.78E+00	0.00E+00	0.00E+00	0.00E+00	6.38E+00
MES-DBD4050	1.15E-01	1.26E+01	4.62E-03	1.60E+01	6.89E-04	0.00E+00	5.01E+01	1.67E-05	1.27E-02	1.54E-01	2.02E-02	2.28E+01	4.73E-08	1.04E-06	3.92E+00	2.03E+00	2.67E-02	6.65E-01	1.43E-01	7.41E-01	1.91E+03	1.14E+01	4.79E-07	5.05E-07	6.32E-02	7.80E-04	4.51E+00	2.28E+00	2.08E+03	3.23E-04	2.08E+03	1.95E+03	6.71E+00	0.00E+00	0.00E+00	0.00E+00	6.41E+00

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MES-LS03	4.48E-02	6.52E+00	6.76E-02	6.40E+00	1.74E-07	0.00E+00	2.28E+01	8.03E-06	4.42E-03	5.16E-02	2.20E-03	3.11E-01	2.39E-08	6.31E-07	1.62E+00	8.09E-01	2.96E-03	6.97E-02	1.25E-01	7.59E-01	1.75E+02	4.93E+00	2.01E-07	2.64E-07	2.03E-02	1.77E-04	2.45E+00	2.14E-01	1.88E+02	3.59E-04	1.88E+02	1.65E+02	1.89E+00	0.00E+00	0.00E+00	0.00E+00	3.29E+00
MES-LS04	4.48E-02	6.52E+00	6.76E-02	6.40E+00	1.74E-07	0.00E+00	2.28E+01	8.03E-06	4.42E-03	5.16E-02	2.20E-03	3.11E-01	2.39E-08	6.31E-07	1.62E+00	8.09E-01	2.96E-03	6.97E-02	1.25E-01	7.59E-01	1.75E+02	4.93E+00	2.01E-07	2.64E-07	2.03E-02	1.77E-04	2.45E+00	2.14E-01	1.88E+02	3.59E-04	1.88E+02	1.65E+02	1.89E+00	0.00E+00	0.00E+00	0.00E+00	3.29E+00
MES-LSE02	4.29E-02	4.62E+00	6.85E-02	4.66E+00	1.74E-07	0.00E+00	2.28E+01	8.03E-06	2.05E-03	2.28E-02	2.20E-03	3.06E-01	2.39E-08	6.28E-07	1.32E+00	8.09E-01	2.96E-03	6.43E-02	1.20E-01	7.40E-01	1.75E+02	4.04E+00	1.90E-07	2.66E-07	9.44E-03	1.75E-04	1.64E+00	2.14E-01	1.88E+02	3.58E-04	1.88E+02	1.65E+02	1.52E+00	0.00E+00	0.00E+00	0.00E+00	3.05E+00
MES-LSE04	4.29E-02	4.62E+00	6.85E-02	4.66E+00	1.74E-07	0.00E+00	2.28E+01	8.03E-06	2.05E-03	2.28E-02	2.20E-03	3.06E-01	2.39E-08	6.28E-07	1.32E+00	8.09E-01	2.96E-03	6.43E-02	1.20E-01	7.40E-01	1.75E+02	4.04E+00	1.90E-07	2.66E-07	9.44E-03	1.75E-04	1.64E+00	2.14E-01	1.88E+02	3.58E-04	1.88E+02	1.65E+02	1.52E+00	0.00E+00	0.00E+00	0.00E+00	3.05E+00
MES-LSTI7035	1.60E-01	4.69E+01	-2.51E-02	4.47E+01	1.69E-07	0.00E+00	3.54E+02	6.16E-05	4.06E-02	2.02E-01	6.18E-02	3.33E-01	4.95E-08	1.32E-06	1.31E+00	7.99E-01	7.23E-02	2.27E+00	2.65E-01	3.18E-01	2.25E+03	1.92E+01	6.10E-07	1.68E-06	1.13E-01	2.78E-04	1.44E+00	5.20E+00	2.30E+03	5.28E-04	2.33E+03	2.74E+03	7.95E+00	0.00E+00	0.00E+00	0.00E+00	3.24E+00
MES-LSTI9005	2.00E-02	3.35E+00	2.38E-02	3.36E+00	5.86E-04	0.00E+00	1.38E+02	6.10E-05	3.96E-03	3.51E-02	9.06E-03	1.03E+00	5.39E-08	1.69E-07	7.64E+00	3.49E+00	8.33E-03	7.76E-01	1.59E-01	8.76E+00	2.22E+03	1.06E+02	4.22E-07	1.04E-07	8.87E-03	4.22E-03	1.09E+01	1.20E+00	1.40E+03	1.23E-05	1.40E+03	2.83E+03	2.86E+00	0.00E+00	0.00E+00	0.00E+00	8.71E+00
MES-LSTI9010	2.00E-02	3.35E+00	2.38E-02	3.36E+00	5.86E-04	0.00E+00	1.38E+02	6.10E-05	3.96E-03	3.51E-02	9.06E-03	1.03E+00	5.39E-08	1.69E-07	7.64E+00	3.49E+00	8.33E-03	7.76E-01	1.59E-01	8.76E+00	2.22E+03	1.06E+02	4.22E-07	1.04E-07	8.87E-03	4.22E-03	1.09E+01	1.20E+00	1.40E+03	1.23E-05	1.40E+03	2.83E+03	2.86E+00	0.00E+00	0.00E+00	0.00E+00	8.71E+00
MES-LSTIA	2.00E-02	3.35E+00	2.38E-02	3.36E+00	5.86E-04	0.00E+00	1.38E+02	6.10E-05	3.96E-03	3.51E-02	9.06E-03	1.03E+00	5.39E-08	1.69E-07	7.64E+00	3.49E+00	8.33E-03	7.76E-01	1.59E-01	8.76E+00	2.22E+03	1.06E+02	4.22E-07	1.04E-07	8.87E-03	4.22E-03	1.09E+01	1.20E+00	1.40E+03	1.23E-05	1.40E+03	2.83E+03	2.86E+00	0.00E+00	0.00E+00	0.00E+00	8.71E+00
MES-M01	1.97E-02	6.10E+00	-2.49E-03	7.12E+00	3.98E-04	0.00E+00	1.87E+02	4.48E-06	3.06E-03	3.23E-02	5.05E-03	4.42E-01	2.24E-08	7.11E-08	4.73E+00	2.97E+00	6.88E-03	1.83E-01	5.63E-02	6.36E-01	2.89E+02	8.09E+00	2.30E-08	1.31E-07	1.18E-02	3.44E-04	4.60E+00	4.98E-01	3.06E+02	7.56E-05	3.09E+02	3.09E+02	4.99E+00	0.00E+00	0.00E+00	0.00E+00	2.52E+00
MES-M02	2.90E-02	8.85E+00	-3.10E-02	9.91E+00	1.68E-04	0.00E+00	3.23E+01	7.40E-06	4.80E-03	4.92E-02	1.02E-02	1.68E-01	7.99E-09	7.73E-08	4.36E+00	1.84E+00	1.37E-02	3.05E-01	7.92E-02	5.36E-01	4.81E+02	2.41E+00	1.85E-08	1.51E-07	1.81E-02	3.24E-04	5.06E+00	1.01E+00	4.78E+02	8.39E-05	4.78E+02	4.84E+02	5.87E+00	0.00E+00	0.00E+00	0.00E+00	3.36E+00
MES-M03	2.50E-02	7.68E+00	2.18E-01	8.32E+00	7.55E-04	0.00E+00	2.07E+01	9.17E-06	4.03E-03	4.43E-02	5.68E-03	4.17E+01	2.94E-08	4.78E-08	6.23E+00	8.02E+00	7.61E-03	2.17E-01	5.59E-02	1.99E+01	3.81E+02	1.45E+02	1.32E-07	1.36E-07	1.49E-02	9.04E-03	2.43E+01	5.60E-01	8.63E+02	7.72E-05	8.63E+02	8.72E+02	3.19E+00	0.00E+00	0.00E+00	0.00E+00	2.09E+00
MES-M04	5.90E-02	1.66E+01	-3.79E-02	1.70E+01	4.03E-04	0.00E+00	2.11E+02	1.32E-05	9.49E-03	1.03E-01	1.77E-02	5.48E-01	3.00E-08	1.40E-07	6.10E+00	2.98E+00	2.41E-02	8.56E-01	1.44E-01	7.73E-01	9.35E+02	8.53E+00	6.82E-08	2.83E-07	3.69E-02	3.83E-04	6.90E+00	1.81E+00	9.23E+02	2.61E-04	9.23E+02	9.21E+02	7.72E+00	0.00E+00	0.00E+00	0.00E+00	6.18E+00
MES-MP10018	5.78E-01	1.69E+02	-1.03E+00	1.69E+02	2.63E-05	0.00E+00	3.69E+02	8.20E-05	9.41E-02	1.00E+00	2.84E-01	1.80E-01	2.50E-07	1.30E-06	2.92E+00	3.51E+02	3.82E-01	5.13E+00	1.47E+00	2.16E+00	1.21E+04	9.05E+00	6.17E-07	2.31E-06	3.73E-01	5.82E-04	8.61E+00	2.79E+01	1.23E+04	2.14E-03	1.23E+04	1.27E+04	3.75E+01	0.00E+00	0.00E+00	0.00E+00	6.65E+01
MES-MP10020	6.24E-01	1.87E+02	-1.19E+00	1.71E+02	2.63E-05	0.00E+00	4.00E+02	9.12E-05	1.02E-01	1.11E+00	3.12E-01	1.80E-01	2.74E-07	1.40E-06	3.02E+00	3.63E+02	4.22E-01	5.13E+00	1.67E+00	2.37E+00	1.35E+04	1.00E+01	6.17E-07	2.31E-06	4.09E-01	6.28E-04	9.01E+00	3.06E+01	1.38E+04	2.46E-03	1.38E+04	1.41E+04	4.06E+01	0.00E+00	0.00E+00	0.00E+00	7.46E+01
MES-MP10022	7.74E-01	2.00E+02	-1.27E+00	1.63E+02	2.63E-05	0.00E+00	5.66E+02	1.12E-04	1.09E-01	1.32E+00	3.33E-01	1.80E-01	3.07E-07	1.46E-06	3.20E+00	4.54E-02	4.67E-01	5.13E+00	1.69E+00	2.37E+00	1.35E+04	1.00E+01	1.36E-06	3.18E-06	4.60E-01	6.28E-04	9.01E+00	3.11E+01	1.38E+04	2.62E-03	1.38E+04	1.42E+04	4.17E+01	0.00E+00	0.00E+00	0.00E+00	7.79E+01
MES-MP11018	6.24E-01	1.87E+02	-1.19E+00	1.71E+02	2.63E-05	0.00E+00	4.00E+02	9.12E-05	1.02E-01	1.11E+00	3.12E-01	1.80E-01	2.74E-07	1.40E-06	3.02E+00	3.63E+02	4.22E-01	5.13E+00	1.67E+00	2.37E+00	1.35E+04	1.00E+01	6.17E-07	2.31E-06	4.09E-01	6.28E-04	9.01E+00	3.08E+01	1.38E+04	2.46E-03	1.38E+04	1.41E+04	4.06E+01	0.00E+00	0.00E+00	0.00E+00	7.46E+01
MES-MP11020	7.31E-01	2.25E+02	-1.38E+00	2.29E+02	0.00E+00	0.00E+00	3.93E+02	9.62E-05	1.22E-01	1.32E+00	3.60E-01	1.25E-01	3.23E-07	1.53E-06	3.06E+00	3.42E-02	4.88E-01	8.95E+00	1.92E+00	2.54E+00	1.54E+04	1.16E+01	1.16E-07	3.65E-06	4.83E-01	6.66E-04	9.89E+00	3.57E+01	1.54E+04	2.89E-03	1.54E+04	1.54E+04	4.56E+01	0.00E+00	0.00E+00	0.00E+00	8.26E+01
MES-MP11022	8.35E-01	2.04E+02	-1.28E+00	1.88E+02	2.63E-05	0.00E+00	5.97E+02	1.15E-04	1.11E-01	1.37E+00	3.39E-01	1.80E-01	3.19E-07	1.46E-06	3.42E+00	4.54E-02	4.75E-01	5.25E+00	1.69E+00	2.37E+00	1.40E+04	1.00E+01	1.87E-06	3.55E-06	4.86E-01	6.28E-04	9.01E+00	3.16E+01	1.38E+04	2.68E-03	1.38E+04	1.42E+04	4.30E+01	0.00E+00	0.00E+00	0.00E+00	8.09E+01
MES-MP12018	7.74E-01	2.00E+02	-1.27E+00	1.63E+02	2.63E-05	0.00E+00	5.66E+02	1.12E-04	1.09E-01	1.32E+00	3.33E-01	1.80E-01	3.07E-07	1.46E-06	3.20E+00	4.56E-02	4.67E-01	5.13E+00	1.69E+00	2.37E+00	1.35E+04	1.00E+01	1.36E-06	3.18E-06	4.60E-01	6.28E-04	9.01E+00	3.11E+01	1.38E+04	2.62E-03	1.38E+04	1.42E+04	4.17E+01	0.00E+00	0.00E+00	0.00E+00	7.79E+01
MES-MP12020	8.35E-01	2.04E+02	-1.28E+00	1.88E+02	2.63E-05	0.00E+00	5.97E+02	1.15E-04	1.11E-01	1.37E+00	3.39E-01	1.80E-01	3.19E-07	1.46E-06	3.27E+00	4.56E-02	4.75E-01	5.25E+00	1.69E+00	2.37E+00	1.40E+04	1.00E+01	1.85E-06	3.55E-06	4.86E-01	6.28E-04	9.01E+00	3.16E+01	1.38E+04	2.68E-03	1.38E+04	1.42E+04	4.30E+01	0.00E+00	0.00E+00	0.00E+00	8.08E+01
MES-MP12022	1.03E+00	2.21E+02	-1.29E+00	2.02E+02	2.63E-05	0.00E+00	8.00E+02	1.59E-04	1.20E-01	1.61E+00	3.62E-01	1.80E-01	3.48E-07	1.62E-06	4.23E+00	4.56E-02	5.15E-01	5.25E+00	1.70E+00	2.37E+00	1.40E+04	1.26E+01	1.89E-06	3.55E-06	5.31E-01	6.28E-04	9.01E+00	3.16E+01	1.39E+04	2.69E-03	1.39E+04	1.42E+04	4.62E+01	0.00E+00	0.00E+00	0.00E+00	8.45E+01
MES-MP13018	7.65E-01	1.93E+02	-1.28E+00	1.63E+02	4.88E-05	0.00E+00	5.77E+02	1.09E-04	1.06E-01	1.28E+00	3.21E-01	2.21E-01	2.93E-07	1.38E-06	4.51E+00	3.27E-01	4.46E-01	5.14E+00	1.68E+00	8.68E+00	1.32E+04	4.40E+01	1.85E-06	3.28E-06	4.52E-01	2.88E-03	2.93E+01	2.98E+01	1.34E+04	2.68E-03	1.34E+04	1.38E+04	4.64E+01	0.00E+00	0.00E+00	0.00E+00	7.77E+01
MES-MP13022	1.08E+00	2.19E+02	-1.30E+00	2.07E+02	4.88E-05	0.00E+00	8.86E+02	1.50E-04	1.20E-01	1.62E+00	3.56E-01	1.86E-01	3.55E-07	1.61E-06	5.50E+00	3.43E-01	5.21E-01	5.20E+00	1.71E+00	9.03E+00	1.41E+04	4.75E+01	1.88E-06	3.55E-06	5.33E-01	2.95E-03	3.01E+01	3.07E+01	1.40E+04	2.74E-03	1.40E+04	1.45E+04	5.20E+01	0.00E+00	0.00E+00	0.00E+00	8.72E+01
MES-MP13518	8.10E-01	1.97E+02	-1.29E+00	1.68E+02	4.88E-05	0.00E+00	5.91E+02	1.09E-04	1.07E-01	1.32E+00	3.26E-01	1.85E-01	3.02E-07	1.38E-06	4.57E+00	3.27E-01	4.50E-01	5.20E+00	1.69E+00	8.68E+00	1.34E+04	4.46E+01	1.85E-06	3.49E-06	4.68E-01	2.88E-03	2.93E+01	3.02E+01	1.34E+04	2.72E-03	1.34E+04	1.39E+04	4.72E+01	0.00E+00	0.00E+00	0.00E+00	7.85E+01
MES-MP13522	1.10E+00	2.22E+02	-1.30E+00	2.08E+02	4.90E-04	0.00E+00	1.07E+03	1.59E-04	1.22E-01	1.66E+00	3.59E-01	6.19E-01	3.54E-07	1.67E-06	8.89E+00	4.32E+00	5.24E-01	5.42E+00	1.71E+00	9.99E+00	1.48E+04	7.11E+01	1.95E-06	3.57E-06	5.43E-01	3.83E-03	3.31E+01	3.06E+01	1.39E+04	2.78E-03	1.39E+04	1.49E+04	5.69E+01	0.00E+00	0.00E+00	0.00E+00	8.61E+01
MES-MP14018	1.00E+00	2.13E+02	-1.29E+00	2.00E+02	4.88E-05	0.00E+00	7.68E+02	1.40E-04	1.16E-01	1.55E+00	3.53E-01	1.88E-01	3.31E-07	1.54E-06	5.19E+00	3.27E-01	4.99E-01	5.20E+00	1.70E+00	8.68E+00	1.35E+04	4.41E+01	1.88E-06	3.49E-06	5.16E-01	2.88E-03	2.93E+01	3.03E+01	1.34E+04	2.73E-03	1.34E+04	1.40E+04	4.95E+01	0.00E+00	0.00E+00	0.00E+00	8.21E+01
MES-MP14022	1.11E+00	2.22E+02	-1.30E+00	2.10E+02	6.19E-05	0.00E+00	9.05E+02	1.58E-04	1.22E-01	1.68E+00	3.64E-01	1.88E-01	3.59E-07	1.67E-06	6.38E+00	3.43E-01	5.33E-01	5.39E+00	1.96E+00	9.04E+00	1.64E+04	5.14E+01	1.85E-06	3.56E-06	5.45E-01	2.98E-03	3.00E+01	3.09E+01	1.63E+04	2.78E-03	1.63E+04	1.62E+04	5.99E+01	0.00E+00	0.00E+00	0.00E+00	9.90E+01
MES-MP15018	1.01E+00	2.15E+02	-1.30E+00	2.02E+02	4.88E-05	0.00E+00	7.92E+02	1.53E-04	1.16E-01	1.57E+00	3.54E-01	1.88E-01	3.39E-07	1.56E-06	5.50E+00	3.32E-01	5.05E-01	5.20E+00	1.71E+00	8.68E+00	1.40E+04	4.75E+01	1.88E-06	3.55E-06	5.16E-01	2.90E-03	2.96E+01	3.05E+01	1.38E+04	2.73E-03	1.38E+04	1.42E+04	5.09E+01	0.00E+00	0.00E+00	0.00E+00	8.33E+01
MES-MP15022	1.12E+00	2.25E+02	-1.30E+00	2.14E+02	7.51E-05	0.00E+00	9.07E+02	1.62E-04	1.23E-01	1.69E+00	3.61E-01	1.80E-01	3.63E-07	1.68E-06	6.53E+00	3.43E-01	5.54E-01	5.39E+00	2.15E+00	9.23E+00	1.76E+04	5.15E+01	1.90E-06	3.58E-06	5.48E-01	2.98E-03	3.00E+01	3.20E+01	1.74E+04	2.84E-03	1.74E+04	1.74E+04	6.79E+01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
MES-MP16018	1.10E+00	2.21E+02	-1.30E+00	2.08E+02	6.19E-05	0.00E+00	9.00E+02	1.54E-04	1.21E-01	1.65E+00	3.59E-01	1.88E-01	3.55E-07	1.66E-06	6.25E+00	3.43E-01	5.23E-01	5.20E+00	1.71E+00	9.03E+00	1.41E+04	5.11E+01	1.88E-06	3.55E-06	5.38E-01	2.95E-03	3.00E+01	3.07E+01	1.40E+04	2.74E-03	1.40E+04	1.45E+04	5.20E+01	0.00E+00	0.00E+00	0.00E+00	8.78E+01
MES-MP16022	1.12E+00	2.26E+02	-1.34E+00	2.14E+02	7.51E-05	0.00E+00	9.17E+02	1.62E-04	1.23E-01	1.69E+00	3.65E-01	1.80E-01	3.70E-07	1.68E-06	6.55E+00	3.54E-01	5.62E-01	5.39E+00	2.14E+00	9.27E+00	1.81E+04	5.23E+01	1.99E-06	3.58E-06	5.49E-01	2.99E-03	3.02E+01	3.20E+01	1.81E+04	2.85E-03	1.81E+04	1.78E+04	7.05E+01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
MES-MP5018	2.88E-01	7.17E+01	-5.60E-01	7.16E+01	0.00E+00	0.00E+00	3.97E+02	7.48E-05	4.02E-02	4.47E-01	1.48E-01	2.88E-01	1.49E-07	7.10E-07	2.77E+00	3.48E-02	2.05E-01	4.32E+00	8.30E-01	2.06E+00	9.23E+03	6.96E+00	6.05E-07	1.85E-06	1.65E-01	3.25E-04	7.76E+00	1.45E+01	9.65E+02	1.49E-03	9.69E+03	9.94E+03	2.31E+01	0.00E+00	0.00E+00	0.00E+00	3.88E+01
MES-MP5020	2.87E-01	7.17E+01	-5.94E-01	7.16E+01	0.00E+00	0.00E+00	3.98E+02	7.57E-05	4.02E-02	4.47E-01	1.54E-01	2.87E-01	1.53E-07	7.17E-07	2.76E+00	3.48E-02	2.13E-01	4.34E+00	8.41E-01	2.10E+00	8.93E+03	7.12E+00	6.11E-07	1.95E-06	1.65E-01	3.32E-04	7.73E+00	1.53E+01	9.33E+03	1.50E-03	9.33E+03	9.52E+03	2.42E+01	0.00E+00	0.00E+00	0.00E+00	3.97E+01
MES-MP5022	2.87E-01	7.17E+01	-6.01E-01	7.20E+01	0.00E+00	0.00E+00	3.98E+02	7.87E-05	4.01E-02	4.46E-01	1.56E-01	2.87E-01	1.61E-07	7.24E-07	2.80E+00	3.49E-02	2.16E-01	4.49E+00	8.41E-01	2.10E+00	9.84E+03	7.19E+00	6.11E-07	1.98E-06	1.66E-01	3.40E-04	7.69E+00	1.55E+01	1.01E+04	1.56E-03	1.01E+04	1.04E+04	2.44E+01	0.00E+00	0.00E+00	0.00E+00	4.04E+01
MES-MP5518	2.87E-01	7.17E+01	-5.94E-01	7.16E+01	0.00E+00	0.00E+00	3.98E+02	7.57E-05	4.02E-02	4.47E-01	1.54E-01	2.87E-01	1.53E-07	7.17E-07	2.76E+00	3.48E-02	2.13E-01	4.34E+00	8.41E-01	2.10E+00	8.93E+03	7.12E+00	6.11E-07	1.95E-06	1.65E-01	3.32E-04	7.73E+00	1.53E+01	9.33E+03	1.50E-03	9.33E+03	9.52E+03	2.42E+01	0.00E+00	0.00E+00	0.00E+00	3.97E+01
MES-MP5520	2.91E-01	7.17E+01	-6.06E-01	7.20E+01	0.00E+00	0.00E+00	3.96E+02	8.00E-05	4.01E-02	4.46E-01	1.57E-01	2.87E-01	1.61E-07	7.28E-07	2.80E+00	3.49E-02	2.18E-01	4.56E+00	8.41E-01	2.10E+00	9.89E+03	7.46E+00	6.11E-07	1.98E-06	1.67E-01	3.44E-04	7.67E+00	1.57E+01	1.01E+04	1.58E-03	1.01E+04	1.05E+04	2.44E+01	0.00E+00	0.00E+00	0.00E+00	4.04E+01
MES-MP5522	5.20E-01	1.47E+02	-7.70E-01	1.58E+02	0.00E+00	0.00E+00	3.77E+02	7.90E-05	8.40E-02	9.23E-01	2.39E-01	2.54E-01	1.88E-07	1.16E-06	2.80E+00	2.43E-02	3.22E-01	4.77E+00	1.34E+00	2.16E+00	1.00E+04	8.03E+00	6.16E-07	2.18E-06	3.37E-01	3.93E-04	7.91E+00	2.34E+01	1.03E+04	1.61E-03	1.03E+04	1.08E+04	3.34E+01	0.00E+00	0.00E+00	0.00E+00	6.17E+01
MES-MP6018	2.90E-01	7.17E+01	-6.01E-01	7.20E+01	0.00E+00	0.00E+00	3.87E+02	7.84E-05	4.04E-02	4.46E-01	1.60E-01	2.77E-01	1.67E-07	7.27E-07	2.83E+00	3.53E-02	2.28E-01	4.49E+00	8.64E-01	2.09E+00	1.01E+04	7.34E+00	6.11E-07	1.98E-06	1.66E-01	3.49E-04	7.86E+00	1.59E+01	1.02E+04	1.56E-03	1.02E+04	1.06E+04	2.46E+01	0.00E+00	0.00E+00	0.00E+00	4.04E+01
MES-MP6020	5.25E-01	1.51E+02	-7.52E-01	1.59E+02	0.00E+00	0.00E+00	3.78E+02	7.91E-05	8.48E-02	9.23E-01	2.44E-01	2.79E-01	1.90E-07	1.16E-06	2.84E+00	2.43E-02	3.34E-01	4.75E+00	1.36E+00	2.15E+00	9.91E+03	7.80E+00	6.16E-07	2.07E-06	3.38E-01	3.74E-04	8.02E+00	2.36E+01	1.00E+04	1.58E-03	1.00E+04	1.06E+04	3.36E+01	0.00E+00	0.00E+00	0.00E+00	6.16E+01
MES-MP6022	5.39E-01	1.56E+02	-7.89E-01	1.62E+02	0.00E+00	0.00E+00	3.66E+02	7.87E-05	8.77E-02	9.53E-01	2.61E-01	2.03E-01	1.99E-07	1.17E-06	2.83E+00	2.49E-02	3.53E-01	5.10E+00	1.37E+00	2.16E+00	1.03E+04	7.92E+00	6.16E-07	2.25E-06	3.50E-01	4.25E-04	8.24E+00	2.52E+01	1.04E+04	1.61E-03	1.04E+04	1.11E+04	3.43E+01	0.00E+00	0.00E+00	0.00E+00	6.22E+01
MES-MP6518	5.27E-01	1.51E+02	-7.50E-01	1.59E+02	0.00E+00	0.00E+00	3.78E+02	7.90E-05	8.51E-02	9.26E-01	2.42E-01	2.79E-01	1.89E-07	1.16E-06	2.84E+00	2.43E-02	3.32E-01	4.75E+00	1.36E+00	2.15E+00	9.93E+03	7.80E+00	6.14E-07	2.07E-06	3.40E-01	3.73E-04	8.06E+00	2.35E+01	1.01E+04	1.58E-03	1.01E+04	1.06E+04	3.36E+01	0.00E+00	0.00E+00	0.00E+00	6.18E+01
MES-MP6520	5.39E-01	1.56E+02	-7.89E-01	1.62E+02	0.00E+00	0.00E+00	3.78E+02	7.87E-05	8.77E-02	9.53E-01	2.60E-01	2.03E-01	1.97E-07	1.16E-06	2.84E+00	2.43E-02	3.52E-01	5.10E+00	1.36E+00	2.16E+00	1.01E+04	7.92E+00	6.16E-07	2.17E-06	3.50E-01	4.25E-04	8.24E+00	2.51E+01	1.02E+04	1.61E-03	1.02E+04	1.08E+04	3.43E+01	0.00E+00	0.00E+00	0.00E+00	6.17E+01
MES-MP6522	5.44E-01	1.56E+02	-8.01E-01	1.65E+02	0.00E+00	0.00E+00	3.66E+02	7.93E-05	8.88E-02	9.55E-01	2.63E-01	2.01E-01	2.20E-07	1.21E-06	2.86E+00	3.44E-02	3.57E-01	5.10E+00	1.41E+00	2.16E+00	1.04E+04	8.35E+00	6.17E-07	2.32E-06	3.55E-01	5.18E-04	8.22E+00	2.54E+01	1.06E+04	1.78E-03	1.06E+04	1.09E+04	3.57E+01	0.00E+00	0.00E+00	0.00E+00	6.27E+01
MES-MP67518	5.23E-01	1.51E+02	-7.70E-01	1.58E+02	0.00E+00	0.00E+00	3.78E+02	7.87E-05	8.48E-02	9.23E-01	2.44E-01	2.05E-01	1.93E-07	1.16E-06	2.84E+00	2.43E-02	3.34E-01	5.10E+00	1.38E+00	2.17E+00	9.97E+03	7.85E+00	6.16E-07	2.17E-06	3.38E-01	4.21E-04	8.20E+00	2.38E+01	1.01E+04	1.61E-03	1.01E+04	1.06E+04	3.39E+01	0.00E+00	0.00E+00	0.00E+00	6.16E+01
MES-MP67520	5.37E-01	1.56E+02	-8.00E-01	1.63E+02	0.00E+00	0.00E+00	3.66E+02	7.87E-05	8.77E-02	9.53E-01	2.62E-01	2.01E-01	2.00E-07	1.17E-06	2.83E+00	2.50E-02	3.54E-01	5.10E+00	1.41E+00	2.16E+00	1.04E+04	8.23E+00	6.16E-07	2.32E-06	3.50E-01	4.25E-04	8.19E+00	2.53E+01	1.06E+04	1.61E-03	1.06E+04	1.11E+04	3.43E+01	0.00E+00	0.00E+00	0.00E+00	6.22E+01
MES-MP67522	5.44E-01	1.56E+02	-8.20E-01	1.66E+02	1.31E-05	0.00E+00	3.66E+02	7.98E-05	8.88E-02	9.55E-01	2.63E-01	2.01E-01	2.24E-07	1.22E-06	2.87E+00	3.44E-02	3.60E-01	5.10E+00	1.41E+00	2.06E+00	1.08E+04	8.56E+00	6.17E-07	2.31E-06	3.56E-01	5.21E-04	8.23E+00	2.55E+01	1.11E+04	1.82E-03	1.11E+04	1.13E+04	3.58E+01	0.00E+00	0.00E+00	0.00E+00	6.27E+01
MES-MP7018	5.39E-01	1.56E+02	-7.89E-01	1.62E+02	0.00

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MES-SRV815	4.44E-01	1.27E+02	-5.51E-01	1.30E+02	6.32E-06	0.00E+00	9.36E+02	1.78E-04	7.20E-02	7.28E-01	2.34E-01	1.72E+01	1.71E-07	1.44E-06	4.85E+00	2.15E-01	2.90E-01	8.29E+00	1.38E+00	2.88E+00	7.00E+03	1.97E+01	1.50E-06	2.73E-06	2.89E-01	4.44E-04	7.59E+00	2.00E+01	6.95E+03	8.92E-04	6.95E+03	6.39E+03	2.13E+01	0.00E+00	0.00E+00	0.00E+00	5.79E+01
MES-SRV818	6.68E-01	1.78E+02	-7.86E-01	1.80E+02	6.32E-06	0.00E+00	9.72E+02	1.99E-04	1.07E-01	1.10E+00	2.76E-01	1.72E+01	2.16E-07	1.80E-06	4.85E+00	2.15E-01	3.49E-01	8.49E+00	1.55E+00	2.93E+00	7.88E+03	2.00E+01	1.52E-06	3.99E-06	4.30E-01	4.49E-04	7.64E+00	2.48E+01	7.97E+03	8.99E-04	7.97E+03	7.43E+03	3.30E+01	0.00E+00	0.00E+00	0.00E+00	6.30E+01
MES-SRV821	4.44E-01	1.27E+02	-5.51E-01	1.30E+02	6.32E-06	0.00E+00	9.36E+02	1.78E-04	7.20E-02	7.28E-01	2.34E-01	1.72E+01	1.71E-07	1.44E-06	4.85E+00	2.15E-01	2.90E-01	8.32E+00	1.38E+00	2.89E+00	7.00E+03	2.01E+01	1.50E-06	2.73E-06	2.89E-01	4.44E-04	7.58E+00	2.00E+01	6.95E+03	8.92E-04	6.95E+03	6.39E+03	2.13E+01	0.00E+00	0.00E+00	0.00E+00	5.79E+01
MES-SRV828	6.41E-01	1.76E+02	-7.97E-01	1.78E+02	6.32E-06	0.00E+00	9.68E+02	1.98E-04	1.05E-01	1.09E+00	2.80E-01	1.68E+01	2.27E-07	1.78E-06	4.85E+00	2.22E-01	3.52E-01	8.30E+00	1.54E+00	2.93E+00	7.76E+03	2.04E+01	1.55E-06	3.92E-06	4.24E-01	6.69E-04	7.57E+00	2.51E+01	7.91E+03	6.24E-04	7.91E+03	7.39E+03	3.61E+01	0.00E+00	0.00E+00	0.00E+00	6.22E+01
MES-SRV831	6.20E-01	1.71E+02	-7.67E-01	1.73E+02	6.32E-06	0.00E+00	9.64E+02	1.94E-04	1.04E-01	1.06E+00	2.68E-01	1.72E+01	2.10E-07	1.78E-06	4.88E+00	2.14E-01	3.36E-01	8.40E+00	1.55E+00	2.92E+00	7.67E+03	2.03E+01	1.55E-06	3.88E-06	4.18E-01	4.49E-04	7.47E+00	2.39E+01	7.82E+03	6.14E-04	7.82E+03	7.32E+03	3.22E+01	0.00E+00	0.00E+00	0.00E+00	6.30E+01
MES-SRV835	6.23E-01	1.74E+02	-7.97E-01	1.78E+02	6.32E-06	0.00E+00	9.68E+02	2.02E-04	1.05E-01	1.08E+00	2.80E-01	1.69E+01	2.23E-07	1.77E-06	4.86E+00	2.22E-01	3.52E-01	8.28E+00	1.54E+00	2.94E+00	8.03E+03	2.06E+01	1.55E-06	3.88E-06	4.13E-01	6.72E-04	7.61E+00	2.51E+01	8.07E+03	6.24E-04	8.07E+03	7.65E+03	3.53E+01	0.00E+00	0.00E+00	0.00E+00	6.22E+01
MES-SRV836	3.73E-01	1.18E+02	-5.05E-01	1.29E+02	8.18E-04	0.00E+00	8.99E+02	1.83E-04	6.87E-02	7.01E-01	2.27E-01	5.28E+01	1.64E-07	1.00E-06	9.80E+00	8.76E+00	2.70E-01	7.99E+00	1.37E+00	2.25E+01	6.65E+03	1.57E+02	1.50E-06	2.52E-06	2.57E-01	9.48E-03	2.83E+01	1.91E+01	7.28E+03	6.23E-04	7.28E+03	6.68E+03	3.03E+01	0.00E+00	0.00E+00	0.00E+00	5.79E+01
MES-SRV840	7.09E-01	1.88E+02	-7.35E-01	2.07E+02	1.96E-05	0.00E+00	6.72E+02	1.52E-04	1.07E-01	1.13E+00	2.66E-01	6.11E+00	1.87E-07	1.62E-06	4.89E+00	8.12E-02	3.57E-01	4.34E+00	1.54E+00	3.41E+00	8.28E+03	2.14E+01	1.41E-06	3.99E-06	4.40E-01	5.36E-04	7.72E+00	2.69E+01	8.38E+03	1.40E-03	8.38E+03	8.62E+03	3.83E+01	0.00E+00	0.00E+00	0.00E+00	5.76E+01
MES-SRV842	8.88E-01	2.63E+02	-8.11E-01	2.52E+02	6.32E-06	0.00E+00	9.68E+02	2.12E-04	1.43E-01	1.57E+00	3.27E-01	3.88E+01	2.76E-07	2.30E-06	5.16E+00	2.33E-01	4.43E-01	9.75E+00	2.01E+00	2.94E+00	1.30E+04	2.29E+01	2.39E-06	5.75E-06	5.58E-01	6.76E-04	7.78E+00	3.18E+01	1.28E+04	3.16E-03	1.28E+04	1.24E+04	3.99E+01	0.00E+00	0.00E+00	0.00E+00	8.84E+01
MES-SRV844	8.92E-01	2.64E+02	-8.13E-01	2.53E+02	6.32E-06	0.00E+00	9.84E+02	2.12E-04	1.45E-01	1.58E+00	3.27E-01	3.86E+01	2.79E-07	2.29E-06	5.16E+00	2.33E-01	4.47E-01	9.76E+00	2.06E+00	2.82E+00	1.32E+04	2.61E+01	2.43E-06	5.82E-06	5.63E-01	6.76E-04	7.79E+00	3.23E+01	1.29E+04	3.21E-03	1.29E+04	1.26E+04	3.97E+01	0.00E+00	0.00E+00	0.00E+00	8.91E+01
MES-SRV912	6.61E-01	1.71E+02	-7.68E-01	1.73E+02	6.32E-06	0.00E+00	9.73E+02	1.94E-04	1.05E-01	1.06E+00	2.70E-01	1.72E+01	2.13E-07	1.78E-06	4.88E+00	2.14E-01	3.40E-01	8.39E+00	1.55E+00	2.87E+00	7.67E+03	1.98E+01	1.52E-06	3.87E-06	4.23E-01	4.49E-04	7.67E+00	2.41E+01	7.82E+03	8.99E-04	7.82E+03	7.27E+03	3.28E+01	0.00E+00	0.00E+00	0.00E+00	6.29E+01
MES-SRV915	4.44E-01	1.27E+02	-5.52E-01	1.30E+02	6.32E-06	0.00E+00	9.35E+02	1.77E-04	7.19E-02	7.28E-01	2.34E-01	1.72E+01	1.71E-07	1.44E-06	4.85E+00	2.14E-01	2.90E-01	8.29E+00	1.38E+00	2.84E+00	7.00E+03	1.97E+01	1.50E-06	2.70E-06	2.89E-01	4.44E-04	7.60E+00	2.00E+01	6.96E+03	8.92E-04	6.96E+03	6.39E+03	2.13E+01	0.00E+00	0.00E+00	0.00E+00	5.77E+01
MES-SRV919	6.66E-01	1.78E+02	-7.86E-01	1.80E+02	6.32E-06	0.00E+00	9.72E+02	1.95E-04	1.07E-01	1.10E+00	2.76E-01	1.72E+01	2.16E-07	1.80E-06	4.86E+00	2.14E-01	3.49E-01	8.49E+00	1.55E+00	2.87E+00	7.86E+03	2.00E+01	1.52E-06	3.96E-06	4.30E-01	4.49E-04	7.64E+00	2.48E+01	7.97E+03	8.99E-04	7.97E+03	7.43E+03	3.30E+01	0.00E+00	0.00E+00	0.00E+00	6.29E+01
MES-SRV921	4.44E-01	1.27E+02	-5.52E-01	1.30E+02	6.32E-06	0.00E+00	9.35E+02	1.77E-04	7.19E-02	7.28E-01	2.34E-01	1.72E+01	1.71E-07	1.44E-06	4.85E+00	2.14E-01	2.90E-01	8.32E+00	1.38E+00	2.84E+00	7.00E+03	2.00E+01	1.50E-06	2.70E-06	2.89E-01	4.44E-04	7.59E+00	2.00E+01	6.96E+03	8.92E-04	6.96E+03	6.39E+03	2.13E+01	0.00E+00	0.00E+00	0.00E+00	5.77E+01
MES-SRV928	6.41E-01	1.76E+02	-7.97E-01	1.78E+02	6.32E-06	0.00E+00	9.68E+02	1.99E-04	1.05E-01	1.09E+00	2.80E-01	1.68E+01	2.27E-07	1.78E-06	4.86E+00	2.22E-01	3.52E-01	8.30E+00	1.53E+00	2.87E+00	7.77E+03	2.04E+01	1.55E-06	3.92E-06	4.24E-01	6.69E-04	7.58E+00	2.51E+01	7.91E+03	6.24E-04	7.91E+03	7.39E+03	3.61E+01	0.00E+00	0.00E+00	0.00E+00	6.21E+01
MES-SRV931	6.20E-01	1.71E+02	-7.68E-01	1.73E+02	6.32E-06	0.00E+00	9.64E+02	1.93E-04	1.04E-01	1.06E+00	2.68E-01	1.72E+01	2.10E-07	1.78E-06	4.88E+00	2.14E-01	3.36E-01	8.40E+00	1.55E+00	2.87E+00	7.68E+03	2.03E+01	1.55E-06	3.88E-06	4.18E-01	4.49E-04	7.48E+00	2.39E+01	7.83E+03	6.14E-04	7.83E+03	7.33E+03	3.22E+01	0.00E+00	0.00E+00	0.00E+00	6.29E+01
MES-SRV935	6.23E-01	1.74E+02	-7.97E-01	1.78E+02	6.32E-06	0.00E+00	9.68E+02	2.01E-04	1.05E-01	1.08E+00	2.80E-01	1.69E+01	2.23E-07	1.77E-06	4.89E+00	2.22E-01	3.52E-01	8.28E+00	1.54E+00	2.89E+00	8.04E+03	2.06E+01	1.55E-06	3.88E-06	4.13E-01	6.72E-04	7.62E+00	2.51E+01	8.07E+03	6.24E-04	8.07E+03	7.66E+03	3.53E+01	0.00E+00	0.00E+00	0.00E+00	6.21E+01
MES-SRV936	6.05E-01	1.64E+02	-6.84E-01	1.72E+02	8.18E-04	0.00E+00	9.15E+02	1.87E-04	1.02E-01	1.04E+00	2.60E-01	5.28E+01	2.05E-07	1.46E-06	9.80E+00	8.76E+00	3.19E-01	8.62E+00	1.53E+00	2.25E+01	7.46E+03	1.57E+02	1.52E-06	3.66E-06	3.88E-01	9.48E-03	2.84E+01	2.30E+01	8.25E+03	6.24E-04	8.25E+03	7.59E+03	3.96E+01	0.00E+00	0.00E+00	0.00E+00	6.33E+01
MES-SRV940	7.09E-01	1.88E+02	-7.35E-01	2.07E+02	1.96E-05	0.00E+00	6.72E+02	1.51E-04	1.07E-01	1.13E+00	2.66E-01	6.19E+00	1.87E-07	1.62E-06	4.89E+00	8.12E-02	3.57E-01	4.34E+00	1.54E+00	3.41E+00	8.28E+03	2.15E+01	1.41E-06	3.99E-06	4.40E-01	5.36E-04	7.72E+00	2.69E+01	8.38E+03	1.40E-03	8.38E+03	8.62E+03	3.83E+01	0.00E+00	0.00E+00	0.00E+00	5.80E+01
MES-SRV942	8.88E-01	2.63E+02	-8.11E-01	2.52E+02	6.32E-06	0.00E+00	9.68E+02	2.11E-04	1.43E-01	1.57E+00	3.27E-01	3.88E+01	2.76E-07	2.30E-06	5.17E+00	2.32E-01	4.43E-01	9.75E+00	2.01E+00	2.86E+00	1.30E+04	2.29E+01	2.40E-06	5.75E-06	5.56E-01	6.76E-04	7.79E+00	3.19E+01	1.28E+04	3.16E-03	1.28E+04	1.24E+04	3.99E+01	0.00E+00	0.00E+00	0.00E+00	8.84E+01
MES-SRV944	8.92E-01	2.64E+02	-8.13E-01	2.53E+02	6.32E-06	0.00E+00	9.83E+02	2.11E-04	1.45E-01	1.58E+00	3.27E-01	3.86E+01	2.79E-07	2.29E-06	5.17E+00	2.32E-01	4.47E-01	9.76E+00	2.06E+00	2.77E+00	1.32E+04	2.61E+01	2.43E-06	5.82E-06	5.63E-01	6.76E-04	7.79E+00	3.23E+01	1.29E+04	3.21E-03	1.29E+04	1.26E+04	3.97E+01	0.00E+00	0.00E+00	0.00E+00	8.91E+01
MES-SRVT136	6.04E-01	1.63E+02	-6.87E-01	1.72E+02	8.18E-04	0.00E+00	9.15E+02	1.87E-04	1.02E-01	1.04E+00	2.61E-01	4.61E+01	2.06E-07	1.46E-06	9.73E+00	8.83E+00	3.21E-01	8.02E+00	1.53E+00	2.25E+01	7.80E+03	1.57E+02	1.52E-06	3.65E-06	3.87E-01	9.48E-03	2.83E+01	2.31E+01	8.55E+03	6.41E-04	8.55E+03	7.97E+03	3.96E+01	0.00E+00	0.00E+00	0.00E+00	6.33E+01
MES-SRVT140	7.09E-01	1.88E+02	-7.35E-01	2.07E+02	1.91E-05	0.00E+00	6.72E+02	1.50E-04	1.07E-01	1.13E+00	2.66E-01	6.22E+00	1.87E-07	1.62E-06	4.94E+00	8.15E-02	3.57E-01	4.37E+00	1.54E+00	3.41E+00	8.38E+03	2.16E+01	1.41E-06	3.99E-06	4.40E-01	5.34E-04	7.72E+00	2.69E+01	8.44E+03	1.44E-03	8.44E+03	8.62E+03	3.83E+01	0.00E+00	0.00E+00	0.00E+00	5.82E+01
MES-SRVT836	3.73E-01	1.18E+02	-5.05E-01	1.29E+02	8.18E-04	0.00E+00	8.99E+02	1.83E-04	6.87E-02	7.01E-01	2.27E-01	4.81E+01	1.64E-07	1.00E-06	9.80E+00	8.83E+00	2.70E-01	7.99E+00	1.37E+00	2.25E+01	6.65E+03	1.57E+02	1.50E-06	2.52E-06	2.57E-01	9.48E-03	2.83E+01	1.91E+01	7.28E+03	6.23E-04	7.28E+03	6.68E+03	3.03E+01	0.00E+00	0.00E+00	0.00E+00	5.79E+01
MES-SRVT936	6.05E-01	1.64E+02	-6.84E-01	1.72E+02	8.18E-04	0.00E+00	9.15E+02	1.87E-04	1.02E-01	1.04E+00	2.60E-01	5.27E+01	2.05E-07	1.46E-06	9.80E+00	8.76E+00	3.19E-01	8.62E+00	1.53E+00	2.25E+01	7.46E+03	1.57E+02	1.52E-06	3.66E-06	3.88E-01	9.48E-03	2.84E+01	2.30E+01	8.25E+03	6.24E-04	8.25E+03	7.59E+03	3.96E+01	0.00E+00	0.00E+00	0.00E+00	6.33E+01
MES-ST01	1.77E-02	5.33E+00	9.91E-03	6.32E+00	1.44E-09	0.00E+00	1.04E+01	3.84E-06	2.52E-03	2.51E-02	4.29E-03	4.28E-02	3.46E-09	5.25E-08	1.30E+00	1.23E-02	5.81E-03	1.47E-01	3.71E-02	5.52E-01	1.97E+02	9.37E-01	1.68E-08	1.11E-07	8.96E-03	2.40E-04	2.16E+00	4.27E-01	2.16E+02	3.97E-05	2.16E+02	2.01E+02	2.61E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
MES-ST02	3.36E-02	6.74E+00	-1.55E-02	7.84E+00	3.22E-07	0.00E+00	2.76E+01	5.43E-06	3.72E-03	4.16E-02	7.46E-03	3.80E-02	5.69E-09	6.40E-08	1.46E+00	8.62E-01	1.01E-02	2.51E-01	8.31E-02	5.55E-01	3.62E+02	9.62E-01	1.90E-08	1.74E-07	1.89E-02	2.52E-04	2.81E+00	7.35E-01	3.81E+02	8.92E-05	3.81E+02	3.67E+02	3.42E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+00
MES-ST03	3.46E-02	7.97E+00	-1.92E-02	9.06E+00	0.00E+00	0.00E+00	1.84E+01	5.27E-06	4.80E-03	5.34E-02	6.94E-03	4.79E-02	5.53E-09	6.46E-08	2.36E+00	5.08E-02	9.38E-03	2.92E-01	5.62E-02	6.07E-01	3.97E+02	1.71E+00	1.62E-08	1.99E-07	2.09E-02	2.45E-04	3.52E+00	6.85E-01	4.26E+02	8.66E-05	4.26E+02	3.83E+02	3.61E+00	0.00E+00	0.00E+00	0.00E+00	2.35E+00
MES-ST04	5.06E-02	1.22E+01	-3.29E-02	1.27E+01	0.00E+00	0.00E+00	3.28E+01	1.28E-05	8.05E-03	8.67E-02	1.25E-02	4.78E-02	9.53E-09	9.15E-08	2.59E+00	7.72E-02	1.69E-02	4.37E-01	9.76E-02	4.70E-01	6.35E+02	2.49E+00	3.39E-08	2.32E-07	3.31E-02	2.25E-04	4.01E+00	1.25E+00	6.17E+02	1.19E-04	6.17E+02	6.25E+02	4.34E+00	0.00E+00	0.00E+00	0.00E+00	3.96E+00
MES-SV	1.60E-01	3.84E+01	1.44E-02	4.94E+01	1.86E-07	0.00E+00	9.38E+01	4.49E-05	1.96E-02	1.62E-01	3.73E-02	9.51E-01	4.83E-08	1.06E-06	3.28E+00	9.51E-01	5.30E-02	4.55E-01	2.42E-01	8.22E+00	1.24E+03	6.49E+00	5.62E-07	1.08E-06	9.90E-02	5.01E-03	1.35E+00	7.42E+00	7.55E+02	5.28E-04	7.55E+02	1.95E+03	6.13E+00	0.00E+00	0.00E+00	0.00E+00	3.70E+00
MES-SVU	4.61E-02	1.67E+00	7.64E-02	1.74E+00	1.87E-07	0.00E+00	2.39E+01	4.70E-06	1.77E-03	1.72E-02	2.18E-03	2.13E+01	4.99E-08	7.74E-07	1.16E+00	7.93E-01	2.94E-03	1.05E-01	3.44E-02	8.10E+00	1.25E+02	1.17E+01	3.98E-07	2.85E-07	8.17E-03	4.97E-03	1.15E+00	2.13E-01	1.11E+02	4.14E-04	1.11E+02	9.77E+01	1.30E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
MES-TB10030	2.98E-02	4.91E+00	-9.03E-03	4.77E+00	8.64E-06	0.00E+00	9.24E+00	6.75E-06	3.06E-03	3.31E-02	2.53E-03	2.86E-02	5.49E-09	6.39E-08	1.41E+00	1.29E-01	3.45E-03	2.96E+00	4.18E-02	2.26E-01	1.65E+03	4.10E+00	3.40E-08	1.89E-07	1.18E-02	1.46E-04	1.07E+00	2.43E-01	1.49E+03	3.28E-04	1.49E+03	1.63E+03	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MES-TB10040	1.29E-01	4.07E+01	-1.82E-01	3.93E+01	7.16E-07	0.00E+00	1.14E+02	3.54E-05	2.12E-02	2.31E-01	5.36E-02	4.07E-01	4.95E-08	2.58E-07	1.81E+00	1.70E-01	7.28E-02	1.67E+00	5.09E-01	5.20E-01	2.49E+03	4.11E+00	3.14E-07	8.30E-07	8.54E-02	3.31E-04	4.18E+00	5.33E+00	2.52E+03	4.53E-04	2.52E+03	2.53E+03	1.43E+01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
MES-TB10050	1.47E-01	4.85E+01	-2.08E-01	4.66E+01	2.98E-08	0.00E+00	1.74E+02	6.00E-05	2.61E-02	2.82E-01	6.99E-02	4.75E-01	5.76E-08	3.27E-07	1.91E+00	1.65E-01	9.55E-02	2.05E+00	5.68E-01	5.42E-01	2.86E+03	5.07E+00	4.07E-07	9.15E-07	1.01E-01	3.34E-04	5.25E+00	7.16E+00	2.90E+03	5.28E-04	2.90E+03	2.93E+03	1.55E+01	0.00E+00	0.00E+00	0.00E+00	2.38E+01
MES-TB10060	2.13E-01	6.13E+01	-2.86E-01	6.19E+01	2.98E-08	0.00E+00	4.71E+02	6.30E-05	3.34E-02	3.53E-01	7.98E-02	4.68E-01	6.67E-08	4.55E-07	2.15E+00	1.64E-01	1.09E-01	2.21E+00	5.64E-01	5.62E-01	4.01E+03	4.70E+00	5.20E-07	1.05E-06	1.27E-01	3.31E-04	5.95E+00	7.87E+00	3.67E+03	6.11E-04	3.67E+03	4.13E+03	1.58E+01	0.00E+00	0.00E+00	0.00E+00	2.40E+01
MES-TB10080	2.76E-01	7.01E+01	-4.68E-01	6.97E+01	2.98E-08	0.00E+00	4.75E+02	7.46E-05	3.83E-02	4.26E-01	1.21E-01	4.11E-01	8.64E-08	6.39E-07	2.25E+00	1.49E-01	1.66E-01	2.78E+00	6.29E-01	6.07E-01	5.91E+03	4.74E+00	6.37E-07	1.46E-06	1.57E-01	3.31E-04	6.12E+00	1.16E+01	5.91E+03	1.68E-03	5.91E+03	1.05E+04	1.78E+01	0.00E+00	0.00E+00	0.00E+00	2.73E+01
MES-TB4030	4.95E-02	9.99E+00	-2.81E-02	9.68E+00	2.98E-08	0.00E+00	3.25E+01	1.30E-05	5.68E-03	5.58E-02	1.30E-02	3.35E-02	1.18E-08	9.19E-08	1.44E+00	1.53E-01	1.78E-02	4.66E-01	7.74E-02	3.99E-01	8.09E+02	1.55E+00	4.54E-08	3.52E-07	2.28E-02	3.20E-04	3.84E+00	1.29E+00	8.60E+02	2.30E-04	8.60E+02	8.91E+02	4.09E+00	0.00E+00	0.00E+00	0.00E+00	3.19E+00
MES-TB4040	9.48E-02	1.40E+01	-3.33E-02	1.49E+01	1.36E-06	0.00E+00	4.07E+01	1.39E-05	1.29E-02	1.45E-01	2.00E-02	1.81E-01	2.72E-08	1.82E-07	2.24E+00	1.58E-01	2.68E-02	1.94E+00	1.16E-01	4.64E-01	1.54E+03	2.75E+00	5.87E-08	5.57E-07	8.32E-02	3.29E-04	4.14E+00	2.00E+00	1.61E+03	2.68E-04	1.61E+03	1.63E+03	6.44E+00	0.00E+00	0.00E+00	0.00E+00	4.95E+00
MES-TB4050	1.12E-01	1.96E+01	-2.24E-02	1.97E+01	1.04E-05	0.00E+00	4.49E+01	1.39E-05	1.52E-02	1.67E-01	2.39E-02	4.20E-01	3.83E-08	1.85E-07	2.36E+00	1.91E-01	3.20E-02	2.15E+00	1.32E-01	5.13E-01	1.99E+03	3.30E+00	2.66E-07	7.67E-07	8.66E-02	3.42E-04	4.16E+00	2.36E+00	2.01E+03	2.79E-04	2.01E+03	2.02E+03	6.59E+00	0.00E+00	0.00E+00	0.00E+00	5.51E+00
MES-TB4060	1.18E-01	3.58E+01	-1.01E-01	3.50E+01	7.81E-06	0.00E+00	7.93E+01	2.11E-05	2.13E-02	2.36E-01	2.98E-02	4.27E-01	3.85E-08	2.27E-07	1.74E+00	1.82E-01	4.00E-02	2.35E+00	1.78E-01	4.98E-01	2.15E+03	3.85E+00	3.18E-07	8.44E-07	8.57E-02	3.38E-04	3.97E+00	2.94E+00	2.20E+03	3.06E-04	2.20E+03	2.19E+03	6.60E+00	0.00E+00	0.00E+00	0.00E+00	8.15E+00
MES-TB4080	1.17E-01	3.50E+01	-1.45E-01	3.43E+01	1.95E-06	0.00E+00	8.02E+01	2.22E-05	1.90E-02	2.09E-01	4.05E-02	4.00E-01	4.14E-08	2.29E-07	1.76E+00	1.75E-01	5.50E-02	1.57E+00	1.84E-01	5.01E-01	2.14E+03	3.93E+00	3.15E-07	7.86E-07	7.99E-02	3.32E-04	4.15E+00	4.02E+00	2.15E+03	3.71E-04	2.15E+03	2.12E+03	7.99E+00	0.00E+00	0.00E+00	0.00E+00	8.45E+00
MES-TB5030	5.52E-02	1.26E+01	-3.29E-02	1.33E+01	2.98E-08	0.00E+00	3.69E+01	1.35E-05	7.06E-03	7.35E-02	1.94E-02	1.28E-01	1.53E-08	1.25E-07	2.20E+00	1.58E-01	2.62E-02	1.57E+00	1.12E-01	4.26E-01	1.38E+03	1.67E+00	5.90E-08	3.75E-07	2.87E-02	3.29E-04	4.47E+00	1.95E+00	1.47E+03	2.63E-04	1.47E+03	1.49E+03	6.81E+00	0.00E+00	0.00E+00	0.00E+00	4.75E+00
MES-TB5040	1.16E-01	2.39E+01	-2.09E-02	2.39E+01	1.04E-05	0.00E+00	5.35E+01	1.33E-05	1.67E-02	1.84E-01	2.47E-02	4.24E-01	4.18E-08	2.03E-07	2.40E+00	1.86E-01	3.30E-02	2.24E+00	1.34E-01	5.09E-01	1.99E+03	3.48E+00	3.03E-07	7.74E-07	7.50E-02	3.42E-04	4.25E+00	2.54E+00	2.04E+03	2.83E-04	2.04E+03	2.05E+03	6.68E+00	0.00E+00	0.00E+00	0.00E+00	5.56E+00
MES-TB5050	2.98E-02	4.91E+00	-6.86E-03	4.77E+00	1.01E-05	0.00E+00	9.24E+00	6.73E-06	3.06E-03	3.31E-02	2.53E-03	2.86E-02	5.49E-09	6.39E-08	1.41E+00	1.29E-01	3.45E-03	2.85E+00	4.10E-02	2.24E-01	1.48E+03	4.09E+00	3.35E-08	1.89E-07	1.18E-02	1.47E-04	1.07E+00	2.43E-01	1.35E+03	2.90E-04	1.35E+03	1.46E+03	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
MES-TB5060	2.98E-02	4.91E+00	-9.03E-03	4.77E+00	8.64E-06	0.00E+00	9.24E+00	6.75E-06	3.06E-03	3.31E-02	2.53E-03	2.86E-02	5.49E-09	6.39E-08	1.41E+00	1.29E-01	3.45E-03	2.96E+00	4.18E-02	2.26E-01	1.65E+03	4.10E+00	3.40E-08	1.89E-07	1.18E-02	1.46E-04	1.07E+00	2.43E-01	1.49E+03	3.54E-04	1.49E+03	1.63E+03	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MES-TB5080	2.98E-02	4.91E+00	-1.12E-02	4.77E+00	7.41E-06	0.00E+00	9.24E+00	6.75E-06	3.06E-03	3.31E-02	2.53E-03	2.86E-02	5.49E-09	6.39E-08	1.41E+00	1.30E-01	3.45E-03	2.96E+00	4.18E-02	2.26E-01	1.66E+03	4.11E+00	3.40E-08	1.89E-07	1.18E-02	1.45E-04	1.07E+00	2.43E-01	1.50E+03	4.32E-04	1.50E+03	1.64E+03	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MES-TB60100	2.98E-02	4.91E+00	-1.12E-02	4.77E+00	7.41E

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M-MBO10030	1.71E-01	4.58E+01	-9.83E-02	4.55E+01	2.98E-08	0.00E+00	2.42E+02	5.55E-05	2.76E-02	3.08E-01	3.06E-02	4.24E+00	4.23E-08	3.87E-07	2.42E+00	1.42E-01	4.01E-02	2.55E+00	5.12E-01	1.10E+00	1.72E+03	4.30E+00	9.49E-07	2.09E-06	1.11E-01	4.92E-04	4.53E+00	3.00E+00	1.85E+03	1.84E-04	1.85E+03	1.91E+03	6.67E+00	0.00E+00	0.00E+00	0.00E+00	1.96E+01
M-MBO10040	1.60E-01	4.58E+01	-1.04E-01	4.56E+01	0.00E+00	0.00E+00	2.42E+02	6.18E-05	2.76E-02	3.08E-01	3.11E-02	4.91E+00	2.93E-08	3.71E-07	2.39E+00	3.16E-02	4.08E-02	2.73E+00	5.64E-01	1.14E+00	2.15E+03	4.46E+00	8.93E-07	2.08E-06	1.07E-01	3.64E-04	4.27E+00	3.05E+00	2.17E+03	1.51E-04	2.17E+03	2.26E+03	6.52E+00	0.00E+00	0.00E+00	0.00E+00	2.28E+01
M-MBO10050	1.57E-01	3.51E+01	-2.64E-02	3.50E+01	0.00E+00	0.00E+00	2.18E+02	5.62E-05	2.36E-02	2.63E-01	2.55E-02	4.89E+00	3.90E-08	3.56E-07	2.77E+00	2.79E-02	3.38E-02	2.58E+00	5.17E-01	1.16E+00	1.22E+03	3.89E+00	8.85E-07	2.07E-06	9.99E-02	3.67E-04	4.52E+00	2.64E+00	1.28E+03	1.49E-04	1.28E+03	1.32E+03	6.79E+00	0.00E+00	0.00E+00	0.00E+00	2.08E+01
M-MBO10060	1.61E-01	4.04E+01	-1.99E-02	4.03E+01	0.00E+00	0.00E+00	2.47E+02	5.71E-05	2.59E-02	2.88E-01	2.74E-02	4.89E+00	3.95E-08	3.65E-07	2.93E+00	3.56E-02	3.63E-02	3.11E+00	5.26E-01	1.28E+00	1.51E+03	4.69E+00	8.89E-07	2.02E-06	1.03E-01	4.06E-04	4.90E+00	2.71E+00	1.56E+03	2.67E-04	1.56E+03	1.63E+03	6.98E+00	0.00E+00	0.00E+00	0.00E+00	2.13E+01
M-MBO10080	1.60E-01	4.53E+01	-1.05E-01	4.53E+01	0.00E+00	0.00E+00	2.54E+02	6.33E-05	2.79E-02	3.08E-01	3.09E-02	4.91E+00	3.09E-08	3.70E-07	2.54E+00	3.22E-02	4.05E-02	3.03E+00	5.79E-01	1.29E+00	2.22E+03	4.73E+00	8.88E-07	2.02E-06	1.07E-01	4.03E-04	4.85E+00	3.03E+00	2.22E+03	2.66E-04	2.22E+03	2.30E+03	7.01E+00	0.00E+00	0.00E+00	0.00E+00	2.35E+01
M-MBO10090	1.58E-01	4.33E+01	-1.44E-01	4.33E+01	0.00E+00	0.00E+00	2.56E+02	6.34E-05	2.48E-02	2.72E-01	4.08E-02	4.90E+00	3.51E-08	3.65E-07	2.51E+00	3.22E-02	5.50E-02	2.70E+00	5.59E-01	1.33E+00	1.91E+03	4.78E+00	8.93E-07	2.01E-06	9.93E-02	4.02E-04	4.88E+00	4.01E+00	1.95E+03	1.53E-04	1.95E+03	2.02E+03	8.56E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+01
M-MBO110100	2.21E-01	6.94E+01	-2.42E-01	7.41E+01	2.81E-06	0.00E+00	4.00E+02	1.17E-04	4.13E-02	4.07E-01	8.15E-02	4.88E+00	7.33E-08	4.74E-07	2.63E+00	1.15E-01	1.13E-01	3.48E+00	1.17E+00	1.81E+00	2.51E+03	5.50E+00	9.09E-07	2.11E-06	1.25E-01	1.50E-03	6.24E+00	9.26E+00	3.10E+03	3.93E-04	3.10E+03	2.71E+03	1.81E+01	0.00E+00	0.00E+00	0.00E+00	4.89E+01
M-MBO11030	1.61E-01	3.15E+01	-2.62E-02	3.07E+01	0.00E+00	0.00E+00	2.17E+02	5.62E-05	2.25E-02	2.54E-01	2.50E-02	4.66E+00	3.86E-08	3.51E-07	2.77E+00	1.53E-02	3.32E-02	2.65E+00	5.15E-01	1.15E+00	1.21E+03	3.75E+00	8.90E-07	2.07E-06	9.71E-02	3.71E-04	4.54E+00	2.46E+00	1.26E+03	1.47E-04	1.26E+03	1.29E+03	6.85E+00	0.00E+00	0.00E+00	0.00E+00	2.06E+01
M-MBO11040	1.63E-01	4.48E+01	-4.88E-02	4.48E+01	0.00E+00	0.00E+00	2.58E+02	5.69E-05	2.78E-02	3.07E-01	2.95E-02	4.88E+00	4.28E-08	3.72E-07	2.82E+00	3.55E-02	3.85E-02	2.78E+00	5.27E-01	1.32E+00	1.46E+03	4.77E+00	8.98E-07	2.03E-06	1.09E-01	4.32E-04	4.85E+00	2.90E+00	1.54E+03	1.51E-04	1.54E+03	1.58E+03	6.75E+00	0.00E+00	0.00E+00	0.00E+00	2.12E+01
M-MBO11050	1.55E-01	4.29E+01	-1.44E-01	4.33E+01	0.00E+00	0.00E+00	2.59E+02	6.33E-05	2.47E-02	2.70E-01	3.90E-02	4.89E+00	3.45E-08	3.64E-07	2.52E+00	3.22E-02	5.25E-02	2.77E+00	5.62E-01	1.33E+00	1.89E+03	4.94E+00	8.99E-07	2.01E-06	9.90E-02	4.00E-04	4.93E+00	3.83E+00	1.95E+03	1.52E-04	1.95E+03	2.01E+03	8.69E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+01
M-MBO11060	1.58E-01	4.39E+01	-1.44E-01	4.38E+01	0.00E+00	0.00E+00	2.69E+02	6.64E-05	2.54E-02	2.80E-01	4.26E-02	4.88E+00	3.88E-08	3.71E-07	2.57E+00	3.22E-02	5.71E-02	2.92E+00	5.81E-01	1.28E+00	2.01E+03	4.81E+00	8.94E-07	2.01E-06	1.01E-01	4.00E-04	4.88E+00	4.18E+00	2.03E+03	2.75E-04	2.03E+03	2.11E+03	9.52E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+01
M-MBO11080	2.10E-01	5.97E+01	-1.80E-01	6.54E+01	2.81E-06	0.00E+00	3.62E+02	1.00E-04	3.64E-02	3.60E-01	6.62E-02	4.83E+00	5.92E-08	4.23E-07	2.93E+00	1.31E-01	9.16E-02	3.48E+00	1.13E+00	1.78E+00	2.20E+03	5.82E+00	8.76E-07	2.10E-06	1.10E-01	1.51E-03	7.44E+00	7.71E+00	2.83E+03	3.16E-04	2.83E+03	2.39E+03	2.07E+01	0.00E+00	0.00E+00	0.00E+00	4.75E+01
M-MBO11090	2.16E-01	6.53E+01	-2.04E-01	7.22E+01	0.00E+00	0.00E+00	3.63E+02	1.15E-04	3.96E-02	3.91E-01	7.52E-02	4.88E+00	6.58E-08	4.49E-07	2.58E+00	9.53E-02	1.04E-01	3.43E+00	1.17E+00	1.80E+00	2.38E+03	5.89E+00	9.22E-07	2.10E-06	1.19E-01	1.56E-03	8.34E+00	8.74E+00	2.95E+03	3.48E-04	2.95E+03	2.52E+03	1.80E+01	0.00E+00	0.00E+00	0.00E+00	4.86E+01
M-MBO120100	1.29E-01	3.27E+01	-1.22E-02	3.94E+01	1.00E-05	0.00E+00	2.38E+02	5.57E-05	2.42E-02	2.24E-01	1.12E-02	4.65E+00	1.91E-08	3.18E-07	2.29E+00	1.02E-01	1.71E-02	3.80E+00	5.55E-01	1.45E+00	1.72E+03	4.36E+00	7.83E-07	1.91E-06	5.81E-02	1.43E-03	2.71E+00	2.33E+00	2.16E+03	2.75E-04	2.16E+03	1.71E+03	2.99E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+01
M-MBO12030	1.64E-01	3.98E+01	-2.76E-02	3.99E+01	0.00E+00	0.00E+00	2.31E+02	5.64E-05	2.46E-02	2.75E-01	2.74E-02	4.68E+00	3.88E-08	3.68E-07	2.79E+00	1.41E-02	3.63E-02	2.68E+00	5.15E-01	1.15E+00	1.35E+03	4.21E+00	8.92E-07	2.07E-06	1.02E-01	3.68E-04	4.52E+00	2.72E+00	1.44E+03	1.48E-04	1.44E+03	1.48E+03	6.80E+00	0.00E+00	0.00E+00	0.00E+00	2.08E+01
M-MBO12040	1.59E-01	4.52E+01	-1.05E-01	4.51E+01	0.00E+00	0.00E+00	2.58E+02	6.24E-05	2.78E-02	3.08E-01	3.08E-02	4.88E+00	3.09E-08	3.71E-07	2.51E+00	3.22E-02	4.03E-02	2.92E+00	5.69E-01	1.32E+00	2.18E+03	4.75E+00	8.98E-07	2.02E-06	1.07E-01	4.02E-04	4.85E+00	3.01E+00	2.17E+03	1.87E-04	2.17E+03	2.26E+03	6.95E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+01
M-MBO12050	1.61E-01	4.61E+01	-1.48E-01	4.64E+01	0.00E+00	0.00E+00	2.90E+02	7.23E-05	2.57E-02	2.82E-01	4.94E-02	4.88E+00	4.18E-08	3.74E-07	2.55E+00	3.22E-02	6.61E-02	3.11E+00	9.38E-01	1.34E+00	1.94E+03	5.23E+00	8.96E-07	2.01E-06	1.03E-01	4.00E-04	4.87E+00	4.85E+00	2.06E+03	1.92E-04	2.06E+03	2.15E+03	1.58E+01	0.00E+00	0.00E+00	0.00E+00	3.89E+01
M-MBO12060	1.58E-01	4.40E+01	-1.48E-01	4.42E+01	0.00E+00	0.00E+00	2.74E+02	6.63E-05	2.54E-02	2.80E-01	4.67E-02	4.88E+00	3.99E-08	3.70E-07	2.52E+00	3.22E-02	6.25E-02	3.28E+00	6.27E-01	1.29E+00	2.03E+03	4.98E+00	8.93E-07	2.01E-06	1.01E-01	4.02E-04	4.81E+00	4.59E+00	2.05E+03	2.79E-04	2.05E+03	2.14E+03	1.02E+01	0.00E+00	0.00E+00	0.00E+00	2.52E+01
M-MBO12080	2.07E-01	5.90E+01	-1.81E-01	6.49E+01	2.81E-06	0.00E+00	3.52E+02	1.01E-04	3.60E-02	3.57E-01	6.37E-02	4.83E+00	5.85E-08	4.18E-07	2.93E+00	1.31E-01	8.85E-02	3.46E+00	1.11E+00	1.78E+00	2.16E+03	5.51E+00	8.74E-07	2.10E-06	1.08E-01	1.51E-03	5.08E+00	7.46E+00	2.78E+03	3.01E-04	2.78E+03	2.34E+03	2.02E+01	0.00E+00	0.00E+00	0.00E+00	4.61E+01
M-MBO12090	2.15E-01	6.52E+01	-2.01E-01	7.18E+01	1.92E-06	0.00E+00	3.63E+02	1.14E-04	3.93E-02	3.88E-01	7.28E-02	4.88E+00	6.38E-08	4.46E-07	2.56E+00	1.05E-01	1.01E-01	3.39E+00	1.15E+00	1.80E+00	2.32E+03	5.92E+00	9.00E-07	2.10E-06	1.18E-01	1.50E-03	6.32E+00	8.44E+00	2.94E+03	3.36E-04	2.94E+03	2.50E+03	1.79E+01	0.00E+00	0.00E+00	0.00E+00	4.82E+01
M-MBO130100	2.72E-01	7.62E+01	-2.56E-01	8.41E+01	2.81E-06	0.00E+00	4.52E+02	1.19E-04	4.66E-02	4.65E-01	8.30E-02	4.86E+00	7.55E-08	5.91E-07	2.70E+00	1.15E-01	1.15E-01	3.58E+00	1.18E+00	1.86E+00	3.33E+03	5.57E+00	9.44E-07	2.21E-06	1.51E-01	1.50E-03	7.35E+00	9.36E+00	3.67E+03	4.23E-04	3.67E+03	3.58E+03	1.81E+01	0.00E+00	0.00E+00	0.00E+00	4.88E+01
M-MBO13030	1.70E-01	4.48E+01	-2.43E-02	4.43E+01	0.00E+00	0.00E+00	2.47E+02	5.64E-05	2.75E-02	3.05E-01	2.85E-02	4.91E+00	4.34E-08	3.82E-07	2.79E+00	1.36E-02	3.76E-02	2.65E+00	5.16E-01	1.15E+00	1.37E+03	4.49E+00	8.92E-07	2.08E-06	1.09E-01	3.68E-04	4.51E+00	2.81E+00	1.47E+03	1.49E-04	1.47E+03	1.50E+03	6.78E+00	0.00E+00	0.00E+00	0.00E+00	2.08E+01
M-MBO13040	1.59E-01	4.52E+01	-1.05E-01	4.52E+01	0.00E+00	0.00E+00	2.58E+02	6.26E-05	2.78E-02	3.07E-01	3.08E-02	4.87E+00	3.09E-08	3.68E-07	2.51E+00	3.22E-02	4.04E-02	2.95E+00	5.69E-01	1.33E+00	2.18E+03	4.75E+00	8.98E-07	2.02E-06	1.07E-01	4.02E-04	4.85E+00	3.02E+00	2.18E+03	2.15E-04	2.18E+03	2.27E+03	6.95E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+01
M-MBO13050	1.58E-01	4.37E+01	-1.45E-01	4.36E+01	0.00E+00	0.00E+00	2.64E+02	6.39E-05	2.53E-02	2.78E-01	4.24E-02	4.89E+00	3.86E-08	3.68E-07	2.56E+00	3.22E-02	5.70E-02	2.77E+00	5.70E-01	1.33E+00	1.95E+03	4.94E+00	8.96E-07	2.01E-06	1.01E-01	4.00E-04	4.92E+00	4.17E+00	1.98E+03	2.16E-04	1.98E+03	2.05E+03	9.52E+00	0.00E+00	0.00E+00	0.00E+00	2.25E+01
M-MBO13060	1.60E-01	4.68E+01	-1.48E-01	4.66E+01	0.00E+00	0.00E+00	2.84E+02	7.04E-05	2.57E-02	2.83E-01	4.90E-02	4.88E+00	4.13E-08	3.74E-07	2.55E+00	3.22E-02	6.56E-02	3.32E+00	9.19E-01	1.30E+00	2.13E+03	5.03E+00	8.93E-07	2.02E-06	1.02E-01	4.02E-04	4.79E+00	4.81E+00	2.18E+03	2.81E-04	2.18E+03	2.28E+03	1.53E+01	0.00E+00	0.00E+00	0.00E+00	3.81E+01
M-MBO13080	2.15E-01	6.49E+01	-1.81E-01	7.09E+01	2.81E-06	0.00E+00	3.76E+02	1.17E-04	3.92E-02	3.89E-01	7.10E-02	4.84E+00	6.28E-08	4.39E-07	2.94E+00	1.31E-01	9.88E-02	3.47E+00	1.16E+00	1.78E+00	2.34E+03	5.98E+00	8.74E-07	2.11E-06	1.17E-01	1.51E-03	7.54E+00	8.22E+00	2.97E+03	3.32E-04	2.97E+03	2.52E+03	2.10E+01	0.00E+00	0.00E+00	0.00E+00	4.90E+01
M-MBO13090	2.32E-01	7.13E+01	-2.43E-01	7.74E+01	2.81E-06	0.00E+00	4.02E+02	1.18E-04	4.31E-02	4.24E-01	8.23E-02	4.88E+00	7.47E-08	5.12E-07	2.70E+00	1.15E-01	1.14E-01	3.46E+00	1.16E+00	1.83E+00	2.60E+03	5.50E+00	9.44E-07	2.21E-06	1.32E-01	1.50E-03	7.36E+00	9.29E+00	3.17E+03	3.80E-04	3.17E+03	2.90E+03	1.83E+01	0.00E+00	0.00E+00	0.00E+00	4.85E+01
M-MBO135100	2.71E-01	7.62E+01	-2.56E-01	8.42E+01	2.81E-06	0.00E+00	4.52E+02	1.19E-04	4.66E-02	4.65E-01	8.30E-02	4.86E+00	7.55E-08	5.91E-07	2.70E+00	1.15E-01	1.15E-01	3.58E+00	1.18E+00	1.86E+00	3.34E+03	5.62E+00	9.44E-07	2.21E-06	1.51E-01	1.50E-03	7.35E+00	9.36E+00	3.68E+03	4.25E-04	3.68E+03	3.58E+03	1.82E+01	0.00E+00	0.00E+00	0.00E+00	4.88E+01
M-MBO13530	1.70E-01	4.56E+01	-2.65E-02	4.52E+01	0.00E+00	0.00E+00	2.46E+02	5.63E-05	2.79E-02	3.08E-01	2.97E-02	4.91E+00	4.38E-08	3.87E-07	2.79E+00	1.36E-02	3.91E-02	2.65E+00	5.16E-01	1.15E+00	1.39E+03	4.49E+00	8.93E-07	2.09E-06	1.11E-01	3.68E-04	4.51E+00	2.93E+00	1.48E+03	1.49E-04	1.48E+03	1.52E+03	6.78E+00	0.00E+00	0.00E+00	0.00E+00	2.08E+01
M-MBO13540	1.59E-01	4.52E+01	-1.06E-01	4.52E+01	0.00E+00	0.00E+00	2.58E+02	6.32E-05	2.78E-02	3.07E-01	3.09E-02	4.87E+00	3.09E-08	3.68E-07	2.51E+00	3.22E-02	4.05E-02	2.95E+00	5.71E-01	1.32E+00	2.18E+03	4.75E+00	8.99E-07	2.02E-06	1.07E-01	4.02E-04	4.84E+00	3.03E+00	2.18E+03	2.16E-04	2.18E+03	2.28E+03	6.95E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+01
M-MBO13550	1.58E-01	4.38E+01	-1.44E-01	4.37E+01	0.00E+00	0.00E+00	2.69E+02	6.62E-05	2.53E-02	2.79E-01	4.26E-02	4.88E+00	3.90E-08	3.70E-07	2.57E+00	3.22E-02	5.71E-02	2.78E+00	5.77E-01	1.33E+00	1.95E+03	4.96E+00	8.96E-07	2.01E-06	1.01E-01	4.00E-04	4.92E+00	4.16E+00	1.98E+03	2.17E-04	1.98E+03	2.05E+03	9.54E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+01
M-MBO13560	1.62E-01	4.69E+01	-1.48E-01	4.67E+01	0.00E+00	0.00E+00	2.90E+02	7.04E-05	2.59E-02	2.85E-01	4.93E-02	4.88E+00	4.14E-08	3.76E-07	2.55E+00	3.22E-02	6.59E-02	3.35E+00	9.21E-01	1.30E+00	2.12E+03	5.12E+00	8.93E-07	2.02E-06	1.03E-01	4.02E-04	4.79E+00	4.83E+00	2.17E+03	2.82E-04	2.17E+03	2.27E+03	1.55E+01	0.00E+00	0.00E+00	0.00E+00	3.80E+01
M-MBO13580	2.15E-01	6.52E+01	-2.03E-01	7.15E+01	2.81E-06	0.00E+00	3.76E+02	1.17E-04	3.94E-02	3.91E-01	7.20E-02	4.84E+00	6.36E-08	4.44E-07	2.95E+00	1.31E-01	1.00E-01	3.47E+00	1.16E+00	1.78E+00	2.34E+03	6.25E+00	8.81E-07	2.11E-06	1.17E-01	1.51E-03	6.70E+00	8.35E+00	2.97E+03	3.36E-04	2.97E+03	2.52E+03	2.08E+01	0.00E+00	0.00E+00	0.00E+00	4.90E+01
M-MBO13590	2.71E-01	7.61E+01	-2.65E-01	8.41E+01	2.81E-06	0.00E+00	4.02E+02	1.19E-04	4.66E-02	4.64E-01	8.23E-02	4.88E+00	7.47E-08	5.90E-07	2.70E+00	1.15E-01	1.14E-01	3.46E+00	1.16E+00	1.83E+00	3.26E+03	5.50E+00	9.44E-07	2.19E-06	1.51E-01	1.50E-03	7.35E+00	9.29E+00	3.77E+03	3.82E-04	3.77E+03	3.50E+03	1.82E+01	0.00E+00	0.00E+00	0.00E+00	4.85E+01
M-MBO140100	2.79E-01	7.82E+01	-2.85E-01	8.78E+01	2.81E-06	0.00E+00	5.09E+02	1.19E-04	4.87E-02	4.65E-01	8.66E-02	4.94E+00	7.65E-08	6.21E-07	2.70E+00	1.15E-01	1.22E-01	3.62E+00	1.21E+00	1.86E+00	3.37E+03	5.46E+00	9.69E-07	2.24E-06	1.51E-01	1.50E-03	7.35E+00	9.69E+00	3.91E+03	4.57E-04	3.91E+03	3.63E+03	1.81E+01	0.00E+00	0.00E+00	0.00E+00	4.88E+01
M-MBO14030	2.12E-01	5.55E+01	-3.33E-02	6.17E+01	0.00E+00	0.00E+00	2.74E+02	5.63E-05	3.70E-02	3.68E-01	3.72E-02	4.91E+00	5.46E-08	4.22E-07	2.77E+00	7.61E-02	5.19E-02	2.65E+00	5.72E-01	1.63E+00	1.39E+03	4.48E+00	8.93E-07	2.16E-06	1.15E-01	1.47E-03	4.49E+00	4.93E+00	2.06E+03	1.52E-04	2.06E+03	1.52E+03	7.28E+00	0.00E+00	0.00E+00	0.00E+00	2.08E+01
M-MBO14040	2.00E-01	5.52E+01	-1.06E-01	6.18E+01	0.00E+00	0.00E+00	2.85E+02	6.32E-05	3.70E-02	3.68E-01	3.84E-02	4.87E+00	4.39E-08	4.03E-07	2.92E+00	9.54E-02	5.34E-02	2.95E+00	6.28E-01	1.80E+00	2.19E+03	4.79E+00	8.99E-07	2.10E-06	1.10E-01	1.50E-03	4.64E+00	5.03E+00	2.75E+03	2.30E-04	2.75E+03	2.28E+03	7.51E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+01
M-MBO14050	1.99E-01	5.36E+01	-1.44E-01	6.01E+01	0.00E+00	0.00E+00	2.96E+02	6.62E-05	3.45E-02	3.39E-01	5.33E-02	4.88E+00	5.17E-08	4.03E-07	2.57E+00	9.53E-02	7.42E-02	2.79E+00	6.46E-01	1.80E+00	1.89E+03	4.96E+00	8.99E-07	2.09E-06	1.04E-01	1.50E-03	4.91E+00	6.46E+00	2.53E+03	2.22E-04	2.53E+03	2.04E+03	1.08E+01	0.00E+00	0.00E+00	0.00E+00	2.36E+01
M-MBO14060	2.04E-01	5.68E+01	-1.48E-01	6.29E+01	2.61E-06	0.00E+00	3.18E+02	7.20E-05	3.52E-02	3.46E-01	5.76E-02	4.88E+00	5.39E-08	4.12E-07	2.55E+00	1.11E-01	8.01E-02	3.36E+00	9.77E-01	1.79E+00	2.12E+03	5.14E+00	8.93E-07	2.09E-06	1.06E-01	1.50E-03	4.79E+00	6.88E+00	2.74E+03	2.85E-04	2.74E+03	2.27E+03	1.67E+01	0.00E+00	0.00E+00	0.00E+00	3.87E+01
M-MBO14080	2.24E-01	6.77E+01	-2.04E-01	7.60E+01	2.81E-06	0.00E+00	4.03E+02	1.19E-04	4.18E-02	3.95E-01	7.34E-02	4.92E+00	6.41E-08	4.80E-07	2.95E+00	1.31E-01	1.05E-01	3.47E+00	1.20E+00	1.78E+00	2.37E+03	6.25E+00	9.05E-07	2.14E-06	1.20E-01	1.51E-03	6.46E+00	8.53E+00	3.01E+03	3.51E-04	3.01E+03	2.56E+03	2.08E+01	0.00E+00	0.00E+00	0.00E+00	4.91E+01
M-MBO14090	2.79E-01	7.82E+01	-2.56E-01	8.77E+01	2.81E-06	0.00E+00	4.29E+02	1.19E-04	4.87E-02	4.64E-01	8.26E-02	4.99E+00	7.49E-08	6.21E-07	2.69E+00	1.15E-01	1.17E-01	3.46E+00	1.19E+00	1.84E+00	3.26E+03	5.50E+00	9.64E-07	2.23E-06	1.51E-01	1.50E-03	7.35E+00	9.31E+00	3.77E+03	3.82E-04	3.77E+03	3.51E+03	1.82E+01	0.00E+00	0.00E+00	0.00E+00	4.85E+01
M-MBO150100	1.37E-01	3.51E+01	-1.05E-02	4.37E+01	1.00E-05	0.00E+00	2.68E+02	5.58E-05	2.63E-02	2.23E-01	1.12E-02	4.74E+00	1.91E-08	3.51E-07	2.29E+00	1.10E-01	2.07E-02	4.08E+00	5.87E-01	1.45E+00	1.74E+03	4.26E+00	8.10E-07	1.94E-06	5.81E-02	1.43E-03	2.71E+00	2.33E+00	2.17E+03	2.91E-04	2.17E+03	1.72E+03	2.99E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+01
M-MBO15030	2.74E-01	7.70E+01	-2.99E-01	8.54E+01	0.00E+00	0.00E+00	4.84E+02	1.20E-04	4.72E-02	4.69E-01	9.93E-02	4.69E+00	7.95E-08	6.05E-07	2.70E+00	7.61E-02	1.35E-01	3.10E+00	1.14E+00	1.67E+00	3.05E+03	5.23E+00	9.93E-07	2.30E-06	1.51E-01	1.47E-03	7.37E+00	1.07E+01	3.63E+03	2.49E-04	3.63E+03	3.38E+03	1.82E+01	0.00E+00	0.00E+00	0.00E+00	4.85E+01
M-MBO15040	1.99E-01	5.38E+01	-1.06E-01	6.06E+01	0.00E+00	0.00E+00	2.87E+02	6.32E-05	3.52E-02	3.47E-01	4.06E-02	4.87E+00	4.37E-08	4.02E-07	2.92E+00	9.54E-02	5.67E-02	2.98E+00	6.28E-01	1.80E+00	2.02E+03	4.79E+00	8.99E-07	2.09E-06	1.06E-01	1.50E-03	4.67E+00	5.28E+00	2.61E+03	2.53E-04	2.61E+03	2.13E+03	8.49E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+01
M-MBO15050	1.99E-01	5.75E+01	-1.48E-01	6.36E+01	0.00E+00	0.00E+00	3.02E+02	6.62E-05	3.46E-02	3.41E-01	5.44E-02	4.88E+00	5.34E-08	4.03E-07	2.54E+00	9.53E-02	7.56E-02	3.14E+00	6.77E-01	1.81E+00	2.04E+03	5.13E+00	8.99E-07	2.09E-06	1.04E-01	1.50E-03	4.86E+00	6.56E+00	2.77E+03	2.33E-04	2.77E+03	2.30E+03	1.08E+01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
M-MBO15060	2.04E-01	5.69E+01	-1.76E-01	6.31E+01	3.49E-06	0.00E+00	3.24E+02	8.00E-05	3.54E-02	3.48E-01	6.02E-02	4.87E+00	5.61E-08	4.14E-07	2.55E+00	1.21E-01	8.36E-02	3.38E+00	1.07E+00	1.79E+00	2.13E+03	5.16E+00	8.93E-07	2.09E-06	1.07E-01	1.50E-03	4.81E+00	7.13E+00	2.74E+03	2.89E-04	2.74E+03	2.28E+03	1.69E+01	0.00E+00	0.00E+00	0.00E+00	4.41E+01
M-MBO15080	2.24E-01	6.80E+01	-2.07E-01	7.63E+01

M-MBO8530	8.67E-02	2.13E+01	3.08E-02	2.16E+01	2.98E-08	0.00E+00	2.09E+02	5.43E-05	1.23E-02	1.37E-01	1.88E-02	4.04E+00	1.57E-08	2.65E-07	2.60E+00	1.43E-01	2.46E-02	2.45E+00	4.91E-01	9.93E+01	9.67E+02	1.91E+00	7.95E-07	1.93E-06	4.97E-02	4.94E-04	4.43E+00	1.84E+00	1.13E+03	1.73E-04	1.13E+03	1.15E+03	5.17E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+01
M-MBO8540	1.50E-01	2.99E+01	-3.75E-02	2.99E+01	0.00E+00	0.00E+00	2.11E+02	5.62E-05	2.19E-02	2.48E-01	2.16E-02	4.84E+00	3.13E-08	3.44E-07	2.89E+00	3.24E-02	2.87E-02	2.58E+00	5.16E-01	1.11E+02	1.19E+03	3.39E+00	7.82E-07	2.01E-06	9.44E-02	3.68E-04	4.37E+00	2.18E+00	1.24E+03	1.46E-04	1.24E+03	1.28E+03	6.16E+00	0.00E+00	0.00E+00	0.00E+00	2.08E+01
M-MBO8550	1.61E-01	3.97E+01	-3.09E-02	3.99E+01	0.00E+00	0.00E+00	2.27E+02	5.69E-05	2.46E-02	2.75E-01	2.77E-02	4.90E+00	4.00E-08	3.63E-07	2.78E+00	1.36E-02	3.68E-02	2.61E+00	5.16E-01	1.15E+02	1.36E+03	4.15E+00	8.87E-07	2.07E-06	1.01E-01	3.67E-04	4.52E+00	2.75E+00	1.45E+03	1.48E-04	1.45E+03	1.48E+03	6.71E+00	0.00E+00	0.00E+00	0.00E+00	2.08E+01
M-MBO8560	1.63E-01	4.47E+01	-3.01E-02	4.47E+01	0.00E+00	0.00E+00	2.54E+02	5.69E-05	2.78E-02	3.07E-01	2.94E-02	4.90E+00	4.24E-08	3.71E-07	2.89E+00	3.50E-02	3.85E-02	2.78E+00	5.27E-01	1.32E+02	1.50E+03	4.69E+00	8.93E-07	2.03E-06	1.09E-01	4.03E-04	4.79E+00	2.90E+00	1.55E+03	2.51E-04	1.55E+03	1.59E+03	6.98E+00	0.00E+00	0.00E+00	0.00E+00	2.12E+01
M-MBO8580	1.56E-01	4.32E+01	-1.26E-01	4.37E+01	0.00E+00	0.00E+00	2.55E+02	6.33E-05	2.51E-02	2.75E-01	3.72E-02	4.91E+00	3.12E-08	3.65E-07	2.50E+00	3.22E-02	4.97E-02	2.87E+00	5.79E-01	1.28E+02	1.96E+03	4.74E+00	8.91E-07	2.01E-06	9.99E-02	4.00E-04	4.71E+00	3.68E+00	1.99E+03	2.57E-04	1.99E+03	2.07E+03	8.50E+00	0.00E+00	0.00E+00	0.00E+00	2.34E+01
M-MBO8590	1.58E-01	4.37E+01	-1.44E-01	4.37E+01	0.00E+00	0.00E+00	2.65E+02	6.61E-05	2.52E-02	2.78E-01	4.27E-02	4.89E+00	3.91E-08	3.69E-07	2.55E+00	3.22E-02	5.72E-02	2.69E+00	5.73E-01	1.33E+02	1.88E+03	4.81E+00	8.91E-07	2.01E-06	1.01E-01	4.02E-04	4.88E+00	4.20E+00	1.93E+03	1.53E-04	1.93E+03	1.99E+03	9.20E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+01
M-MBO90100	1.56E-01	4.34E+01	-1.26E-01	4.37E+01	0.00E+00	0.00E+00	2.61E+02	6.33E-05	2.51E-02	2.76E-01	3.72E-02	4.92E+00	3.11E-08	3.66E-07	2.90E+00	5.43E-02	4.97E-02	3.11E+00	5.81E-01	1.28E+02	1.97E+03	5.01E+00	8.89E-07	2.02E-06	1.00E-01	4.10E-04	4.69E+00	3.68E+00	2.00E+03	2.66E-04	2.00E+03	2.08E+03	8.54E+00	0.00E+00	0.00E+00	0.00E+00	2.36E+01
M-MBO9030	1.70E-01	4.17E+01	4.78E-02	4.09E+01	2.98E-08	0.00E+00	2.36E+02	5.46E-05	2.64E-02	2.94E-01	2.85E-02	4.24E+00	4.35E-08	3.71E-07	2.75E+00	1.43E-01	3.75E-02	2.52E+00	4.92E-01	1.11E+02	1.48E+03	4.31E+00	9.44E-07	2.08E-06	1.07E-01	5.04E-04	4.55E+00	2.82E+00	1.64E+03	1.84E-04	1.64E+03	1.66E+03	6.58E+00	0.00E+00	0.00E+00	0.00E+00	1.91E+01
M-MBO9040	1.64E-01	4.52E+01	-2.68E-02	4.51E+01	0.00E+00	0.00E+00	2.42E+02	5.63E-05	2.78E-02	3.07E-01	2.97E-02	4.91E+00	4.09E-08	3.71E-07	2.76E+00	3.44E-02	3.91E-02	2.59E+00	5.21E-01	1.15E+02	1.41E+03	4.48E+00	8.90E-07	2.08E-06	1.06E-01	3.67E-04	4.48E+00	2.94E+00	1.50E+03	1.50E-04	1.50E+03	1.53E+03	6.53E+00	0.00E+00	0.00E+00	0.00E+00	2.10E+01
M-MBO9050	1.51E-01	3.03E+01	-3.10E-02	3.01E+01	0.00E+00	0.00E+00	2.13E+02	5.62E-05	2.19E-02	2.47E-01	2.39E-02	4.89E+00	3.65E-08	3.40E-07	2.71E+00	2.03E-02	3.16E-02	2.57E+00	5.16E-01	1.15E+02	1.19E+03	3.46E+00	8.11E-07	2.07E-06	9.37E-02	3.65E-04	4.43E+00	2.38E+00	1.25E+03	1.45E-04	1.25E+03	1.28E+03	6.60E+00	0.00E+00	0.00E+00	0.00E+00	2.08E+01
M-MBO9060	1.58E-01	3.40E+01	-2.41E-02	3.35E+01	0.00E+00	0.00E+00	2.32E+02	5.68E-05	2.29E-02	2.58E-01	2.50E-02	4.88E+00	3.72E-08	3.54E-07	2.90E+00	3.73E-02	3.33E-02	2.78E+00	5.27E-01	1.35E+02	1.35E+03	4.07E+00	8.90E-07	2.02E-06	9.75E-02	4.07E-04	4.93E+00	2.57E+00	1.35E+03	2.56E-04	1.35E+03	1.41E+03	7.04E+00	0.00E+00	0.00E+00	0.00E+00	2.12E+01
M-MBO9080	1.60E-01	4.53E+01	-1.05E-01	4.51E+01	0.00E+00	0.00E+00	2.54E+02	6.24E-05	2.76E-02	3.07E-01	3.09E-02	4.92E+00	3.01E-08	3.72E-07	2.53E+00	3.22E-02	4.03E-02	3.15E+00	5.76E-01	1.27E+02	2.21E+03	4.64E+00	8.88E-07	2.02E-06	1.07E-01	4.00E-04	4.69E+00	3.01E+00	2.20E+03	2.66E-04	2.20E+03	2.29E+03	7.06E+00	0.00E+00	0.00E+00	0.00E+00	2.34E+01
M-MBO9090	1.57E-01	4.38E+01	-1.06E-01	4.42E+01	0.00E+00	0.00E+00	2.55E+02	6.32E-05	2.56E-02	2.85E-01	3.31E-02	4.90E+00	3.13E-08	3.67E-07	2.50E+00	3.22E-02	4.38E-02	2.87E+00	5.72E-01	1.33E+02	1.95E+03	4.72E+00	8.92E-07	2.01E-06	1.03E-01	4.02E-04	4.65E+00	3.27E+00	2.00E+03	1.50E-04	2.00E+03	2.08E+03	7.73E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+01
M-MD100100	1.20E-01	3.41E+01	-1.41E-01	3.37E+01	2.61E-06	0.00E+00	8.85E+01	2.08E-05	1.86E-02	2.03E-01	4.05E-02	5.01E-01	4.50E-08	2.21E-07	1.92E+00	4.55E-02	5.54E-02	1.42E+00	2.39E-01	7.21E+01	1.79E+03	4.30E+00	2.40E-07	7.90E-07	7.96E-02	2.53E-04	4.31E+00	4.05E+00	1.84E+03	2.54E-04	1.84E+03	1.83E+03	9.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+01
M-MD10030	2.42E-02	7.79E+00	2.51E-02	8.98E+00	0.00E+00	0.00E+00	2.02E+01	5.28E-06	4.49E-03	4.66E-02	9.65E-03	4.08E-02	7.26E-09	6.34E-08	1.75E+00	1.47E-02	1.31E-02	2.49E-01	6.41E-02	4.97E-01	4.09E+02	9.86E-01	2.68E-08	1.39E-07	1.75E-02	2.21E-04	3.36E+00	9.98E-01	4.10E+02	5.25E-05	4.10E+02	4.23E+02	4.62E+00	0.00E+00	0.00E+00	0.00E+00	2.67E+00
M-MD10040	1.07E-01	2.01E+01	-3.93E-02	2.02E+01	0.00E+00	0.00E+00	4.65E+01	1.32E-05	1.36E-02	1.58E-01	1.97E-02	3.71E-01	3.27E-08	1.85E-07	2.39E+00	3.27E-02	2.69E-02	7.71E-01	1.36E-01	6.62E-01	1.01E+03	3.28E+00	5.82E-08	6.30E-07	6.63E-02	2.47E-04	4.19E+00	1.97E+00	1.05E+03	1.20E-04	1.05E+03	1.07E+03	6.50E+00	0.00E+00	0.00E+00	0.00E+00	5.67E+00
M-MD10050	5.86E-02	1.70E+01	-4.10E-02	1.71E+01	4.19E-05	0.00E+00	3.83E+01	1.32E-05	9.61E-03	1.05E-01	1.77E-02	1.02E-01	1.48E-08	1.27E-07	3.07E+00	1.10E-01	2.41E-02	7.68E-01	1.40E-01	5.21E-01	7.96E+02	2.38E+00	3.74E-08	2.84E-07	3.74E-02	2.38E-04	4.61E+00	1.73E+00	8.48E+02	1.40E-04	8.48E+02	8.21E+02	5.84E+00	0.00E+00	0.00E+00	0.00E+00	5.92E+00
M-MD10060	1.27E-01	2.97E+01	-1.88E-02	2.90E+01	0.00E+00	0.00E+00	7.29E+01	1.42E-05	1.96E-02	2.19E-01	2.66E-02	5.12E-01	5.09E-08	2.18E-07	2.61E+00	3.39E-02	3.59E-02	1.48E+00	1.36E-01	7.09E-01	1.29E+03	4.09E+00	2.57E-07	8.19E-07	8.26E-02	2.52E-04	4.35E+00	2.62E+00	1.36E+03	2.48E-04	1.36E+03	1.38E+03	6.92E+00	0.00E+00	0.00E+00	0.00E+00	5.75E+00
M-MD10080	1.21E-01	3.56E+01	-1.03E-01	3.47E+01	5.02E-05	0.00E+00	8.74E+01	2.10E-05	2.14E-02	2.37E-01	2.95E-02	3.97E-01	3.02E-08	2.23E-07	2.86E+00	1.50E-01	3.96E-02	1.43E+00	2.39E-01	7.02E-01	2.01E+03	4.59E+00	2.29E-07	7.82E-07	8.52E-02	2.59E-04	4.61E+00	2.91E+00	2.05E+03	2.48E-04	2.05E+03	2.02E+03	7.21E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+01
M-MD10090	1.19E-01	3.45E+01	-1.44E-01	3.39E+01	0.00E+00	0.00E+00	9.08E+01	2.10E-05	1.87E-02	2.01E-01	4.01E-02	4.71E-01	4.35E-08	2.18E-07	2.42E+00	4.64E-02	5.45E-02	9.91E-01	1.94E-01	7.35E-01	1.67E+03	4.89E+00	2.45E-07	7.85E-07	7.96E-02	2.58E-04	3.98E+00	1.77E+03	1.55E-04	1.77E+03	1.71E+03	8.83E+00	0.00E+00	0.00E+00	0.00E+00	8.55E+00
M-MD110100	1.58E-01	5.46E+01	-2.41E-01	5.38E+01	2.81E-06	0.00E+00	2.10E+02	6.38E-05	2.86E-02	3.03E-01	7.53E-02	4.32E-01	6.62E-08	3.60E-07	2.10E+00	4.98E-02	1.03E-01	1.66E+00	5.89E-01	7.91E-01	2.40E+03	4.97E+00	3.01E-07	9.14E-07	1.10E-01	2.56E-04	6.24E+00	7.46E+00	2.48E+03	3.85E-04	2.48E+03	2.68E+03	1.66E+01	0.00E+00	0.00E+00	0.00E+00	2.47E+01
M-MD11030	8.90E-02	1.76E+01	-4.78E-02	1.81E+01	0.00E+00	0.00E+00	4.23E+01	1.31E-05	1.23E-02	1.36E-01	1.99E-02	1.74E-01	2.72E-08	1.64E-07	2.44E+00	1.09E-02	2.68E-02	7.45E-01	1.35E-01	5.74E-01	9.55E+02	2.11E+00	3.58E-08	4.47E-07	5.56E-02	2.32E-04	4.50E+00	1.97E+00	9.70E+02	1.19E-04	9.70E+02	9.91E+02	7.65E+00	0.00E+00	0.00E+00	0.00E+00	5.63E+00
M-MD11040	1.23E-01	3.54E+01	-1.02E-01	3.48E+01	0.00E+00	0.00E+00	8.34E+01	2.02E-05	2.17E-02	2.37E-01	2.94E-02	5.22E-01	4.05E-08	2.28E-07	1.92E+00	3.01E-02	3.98E-02	9.82E-01	1.82E-01	7.47E-01	1.93E+03	4.87E+00	2.45E-07	8.13E-07	8.61E-02	2.47E-04	4.17E+00	2.90E+00	1.99E+03	1.24E-04	1.99E+03	1.98E+03	6.82E+00	0.00E+00	0.00E+00	0.00E+00	8.05E+00
M-MD11050	1.23E-01	3.57E+01	-1.04E-01	3.47E+01	0.00E+00	0.00E+00	8.78E+01	2.10E-05	2.16E-02	2.37E-01	2.95E-02	4.22E-01	3.99E-08	2.23E-07	2.43E+00	4.64E-02	3.98E-02	1.02E+00	1.93E-01	7.49E-01	1.93E+03	4.87E+00	2.45E-07	7.86E-07	8.56E-02	2.57E-04	4.91E+00	2.90E+00	2.00E+03	1.52E-04	2.00E+03	1.99E+03	7.12E+00	0.00E+00	0.00E+00	0.00E+00	8.59E+00
M-MD11060	1.25E-01	3.86E+01	-1.48E-01	3.78E+01	0.00E+00	0.00E+00	1.07E+02	2.42E-05	1.99E-02	2.14E-01	4.88E-02	4.01E-01	4.88E-08	2.35E-07	2.48E+00	4.64E-02	6.60E-02	1.43E+00	4.38E-01	7.03E-01	1.86E+03	5.01E+00	2.35E-07	7.91E-07	8.30E-02	2.55E-04	4.93E+00	4.83E+00	1.97E+03	2.66E-04	1.97E+03	1.97E+03	1.69E+01	0.00E+00	0.00E+00	0.00E+00	1.82E+01
M-MD11080	1.40E-01	4.77E+01	-2.00E-01	4.76E+01	2.81E-06	0.00E+00	1.62E+02	6.01E-05	2.49E-02	2.66E-01	6.54E-02	4.03E-01	5.56E-08	2.88E-07	2.55E+00	6.62E-02	8.93E-02	1.62E+00	5.86E-01	7.27E-01	2.12E+03	5.93E+00	2.14E-07	8.36E-07	9.68E-02	2.63E-04	5.65E+00	6.57E+00	2.21E+03	3.21E-04	2.21E+03	2.26E+03	1.91E+01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
M-MD11090	1.41E-01	4.75E+01	-2.03E-01	4.80E+01	0.00E+00	0.00E+00	1.49E+02	6.22E-05	2.53E-02	2.70E-01	6.98E-02	4.79E-01	6.03E-08	2.93E-07	2.05E+00	3.01E-02	9.55E-02	1.54E+00	5.91E-01	7.57E-01	2.17E+03	5.37E+00	2.93E-07	8.75E-07	9.81E-02	2.59E-04	5.44E+00	7.20E+00	2.21E+03	3.39E-04	2.21E+03	2.29E+03	1.66E+01	0.00E+00	0.00E+00	0.00E+00	2.49E+01
M-MD120100	4.03E-02	1.26E+01	-1.22E-02	1.24E+01	1.00E-05	0.00E+00	1.29E+01	6.69E-06	8.40E-03	9.06E-02	2.55E-03	4.89E-02	5.74E-09	1.09E-07	2.07E+00	6.43E-02	3.48E-03	2.45E+00	8.35E-02	3.61E-01	1.53E+03	4.23E+00	3.24E-08	2.11E-07	3.00E-02	1.65E-04	2.50E+00	2.45E-01	1.40E+03	2.53E-04	1.40E+03	1.48E+03	2.34E+00	0.00E+00	0.00E+00	0.00E+00	3.40E+00
M-MD12030	1.30E-01	3.01E+01	-2.61E-02	2.92E+01	0.00E+00	0.00E+00	7.11E+01	1.40E-05	1.97E-02	2.16E-01	2.62E-02	5.35E-01	5.27E-08	2.27E-07	2.56E+00	1.21E-02	3.55E-02	7.93E-01	1.40E-01	7.55E-01	1.14E+03	4.22E+00	2.44E-07	8.24E-07	8.25E-02	2.53E-04	4.41E+00	2.66E+00	1.25E+03	1.22E-04	1.25E+03	1.24E+03	7.13E+00	0.00E+00	0.00E+00	0.00E+00	5.79E+00
M-MD12040	1.23E-01	3.54E+01	-1.02E-01	3.48E+01	0.00E+00	0.00E+00	8.34E+01	2.01E-05	2.16E-02	2.38E-01	2.95E-02	5.18E-01	4.02E-08	2.28E-07	1.92E+00	3.01E-02	3.98E-02	9.88E-01	1.82E-01	7.41E-01	1.93E+03	4.29E+00	2.48E-07	8.13E-07	8.60E-02	2.47E-04	4.17E+00	2.90E+00	1.99E+03	1.62E-04	1.99E+03	1.98E+03	7.02E+00	0.00E+00	0.00E+00	0.00E+00	8.02E+00
M-MD12050	1.19E-01	3.47E+01	-1.44E-01	3.39E+01	0.00E+00	0.00E+00	9.71E+01	2.10E-05	1.88E-02	2.03E-01	4.08E-02	4.15E-01	4.57E-08	2.21E-07	2.47E+00	4.64E-02	5.56E-02	1.00E+00	2.01E-01	7.37E-01	1.69E+03	4.89E+00	2.45E-07	7.65E-07	8.03E-02	2.56E-04	5.04E+00	4.07E+00	1.78E+03	1.86E-04	1.78E+03	1.74E+03	9.74E+00	0.00E+00	0.00E+00	0.00E+00	9.04E+00
M-MD12060	1.21E-01	3.93E+01	-1.48E-01	3.84E+01	0.00E+00	0.00E+00	9.94E+01	2.11E-05	1.96E-02	2.12E-01	4.67E-02	4.01E-01	4.88E-08	2.26E-07	2.48E+00	4.64E-02	6.32E-02	1.45E+00	2.30E-01	7.06E-01	1.94E+03	4.96E+00	2.36E-07	7.96E-07	8.10E-02	2.57E-04	4.70E+00	4.63E+00	2.09E+03	2.63E-04	2.09E+03	2.11E+03	1.07E+01	0.00E+00	0.00E+00	0.00E+00	1.07E+01
M-MD12080	1.38E-01	4.57E+01	-1.80E-01	4.47E+01	2.81E-06	0.00E+00	1.50E+02	4.82E-05	2.41E-02	2.57E-01	6.22E-02	4.03E-01	5.33E-08	2.66E-07	2.55E+00	6.61E-02	8.47E-02	1.64E+00	5.78E-01	7.23E-01	2.12E+03	5.46E+00	1.91E-07	8.23E-07	9.26E-02	2.63E-04	6.82E+00	6.22E+00	2.22E+03	3.21E-04	2.22E+03	2.25E+03	1.92E+01	0.00E+00	0.00E+00	0.00E+00	2.45E+01
M-MD12090	1.43E-01	4.87E+01	-2.32E-01	4.89E+01	1.92E-06	0.00E+00	1.51E+02	6.24E-05	2.58E-02	2.74E-01	7.24E-02	4.50E-01	6.30E-08	3.06E-07	2.05E+00	3.97E-02	9.90E-02	1.59E+00	5.91E-01	7.57E-01	2.21E+03	5.39E+00	2.92E-07	8.91E-07	1.00E-01	2.54E-04	5.22E+00	7.40E+00	2.26E+03	3.72E-04	2.26E+03	2.37E+03	1.66E+01	0.00E+00	0.00E+00	0.00E+00	2.49E+01
M-MD130100	1.95E-01	6.07E+01	-2.54E-01	6.18E+01	2.81E-06	0.00E+00	3.08E+02	6.35E-05	3.31E-02	3.51E-01	7.60E-02	4.01E-01	6.73E-08	4.36E-07	2.09E+00	4.97E-02	1.04E+01	1.80E+00	5.92E-01	8.09E-01	3.01E+03	5.05E+00	3.19E-07	1.01E-06	1.27E-01	2.57E-04	6.20E+00	7.53E+00	3.05E+03	4.17E-04	3.05E+03	3.23E+03	1.66E+01	0.00E+00	0.00E+00	0.00E+00	2.47E+01
M-MD13030	1.35E-01	3.53E+01	-2.69E-02	3.43E+01	0.00E+00	0.00E+00	8.33E+01	1.34E-05	2.19E-02	2.39E-01	2.79E-02	5.37E-01	5.65E-08	2.49E-07	2.56E+00	1.22E-02	3.76E-02	7.95E-01	1.40E-01	7.52E-01	1.18E+03	4.24E+00	2.45E-07	8.69E-07	9.05E-02	2.53E-04	4.41E+00	2.78E+00	1.29E+03	1.23E-04	1.29E+03	1.28E+03	7.13E+00	0.00E+00	0.00E+00	0.00E+00	5.85E+00
M-MD13040	1.23E-01	3.53E+01	-1.03E-01	3.48E+01	0.00E+00	0.00E+00	8.33E+01	2.07E-05	2.16E-02	2.37E-01	2.95E-02	5.11E-01	4.09E-08	2.23E-07	1.92E+00	3.01E-02	3.98E-02	9.94E-01	1.87E-01	7.53E-01	1.98E+03	4.35E+00	2.50E-07	8.13E-07	8.57E-02	2.47E-04	4.17E+00	2.91E+00	2.00E+03	1.90E-04	2.00E+03	2.00E+03	7.02E+00	0.00E+00	0.00E+00	0.00E+00	8.40E+00
M-MD13050	1.21E-01	3.50E+01	-1.44E-01	3.41E+01	0.00E+00	0.00E+00	9.78E+01	2.10E-05	1.92E-02	2.08E-01	4.19E-02	4.12E-01	4.72E-08	2.25E-07	2.47E+00	4.64E-02	5.68E-02	9.99E-01	2.05E-01	7.37E-01	1.72E+03	4.91E+00	2.45E-07	7.66E-07	8.08E-02	2.56E-04	5.04E+00	4.17E+00	1.79E+03	2.08E-04	1.79E+03	1.76E+03	9.79E+00	0.00E+00	0.00E+00	0.00E+00	9.28E+00
M-MD13060	1.25E-01	3.87E+01	-1.48E-01	3.78E+01	0.00E+00	0.00E+00	1.07E+02	2.41E-05	1.99E-02	2.14E-01	4.88E-02	4.01E-01	4.88E-08	2.36E-07	2.55E+00	4.64E-02	6.60E-02	1.46E+00	4.58E-01	7.14E-01	1.89E+03	5.11E+00	2.34E-07	7.91E-07	8.29E-02	2.58E-04	4.60E+00	4.83E+00	1.99E+03	2.68E-04	1.99E+03	2.00E+03	1.69E+01	0.00E+00	0.00E+00	0.00E+00	1.91E+01
M-MD13080	1.40E-01	4.75E+01	-1.77E-01	4.72E+01	2.81E-06	0.00E+00	1.63E+02	6.09E-05	2.49E-02	2.65E-01	6.47E-02	4.03E-01	5.53E-08	2.85E-07	2.55E+00	6.61E-02	8.83E-02	1.67E+00	5.86E-01	7.26E-01	2.15E+03	5.94E+00	2.08E-07	8.38E-07	9.64E-02	2.62E-04	5.95E+00	6.47E+00	2.26E+03	3.26E-04	2.26E+03	2.28E+03	1.91E+01	0.00E+00	0.00E+00	0.00E+00	2.47E+01
M-MD13090	1.57E-01	5.45E+01	-2.50E-01	5.37E+01	2.81E-06	0.00E+00	2.10E+02	6.37E-05	2.85E-02	3.02E-01	7.53E-02	4.33E-01	6.62E-08	3.60E-07	2.10E+00	4.98E-02	1.03E-01	1.66E+00	5.92E-01	7.95E-01	2.35E+03	4.97E+00	3.24E-07	9.25E-07	1.09E-01	2.57E-04	6.20E+00	7.46E+00	2.41E+03	3.74E-04	2.41E+03	2.62E+03	1.68E+01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
M-MD135100	1.95E-01	6.07E+01	-2.83E-01	6.18E+01	2.81E-06	0.00E+00	3.64E+02	6.34E-05	3.31E-02	3.51E-01	7.96E-02	3.90E-01	6.84E-08	4.36E-07	2.10E+00	4.97E-02	1.08E-01	1.90E+00	5.92E-01	8.09E-01	3.01E+03	5.10E+00	3.19E-07	1.01E-06	1.27E-01	2.57E-04	6.20E+00	7.90E+00	3.06E+03	4.37E-04	3.06E+03	3.24E+03	1.67E+01	0.00E+00	0.00E+00	0.00E+00	2.47E+01
M-MD13530	1.11E-01	2.19E+01	-5.09E-02	2.20E+01	0.00E+00	0.00E+00	4.81E+01	1.32E-05	1.51E-02	1.66E-01	1.99E-02	3.88E-01	3.53E-08	1.97E-07	2.40E+00	1.10E-02	2.71E-02	7.49E-01	1.37E-01	6.62E-01	9.48E+02	3.13E+00	3.62E-08	6.38E-07	6.74E-02	2.48E-04	4.21E+00	1.99E+00	9.99E+02	1.18E-04	9.99E+02	1.00E+03	6.80E+00	0.00E+00	0.00E+00	0.00E+00	5.70E+00
M-MD13540	1.20E-01	3.43E+01	-1.06E-01	3.39E+01	0.00E+00	0.00E+00	8.49E+01	2.07E-05	1.97E-02	2.13E-01	3.20E-02	5.07E-01	4.05E-08	2.18E-07	1.92E+00	3.01E-02	4.29E-02	1.01E+00	1.89E-01	7.41E-01	1.76E+03	4.35E+00	2.50E-07	7.97E-07	8.26E-02	2.47E-04	4.17E+00	3.18E+00	1.84E+03	1.91E-04	1.84E+03	1.82E+03	8.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E+00
M-MD13550	1.19E-01	3.44E+01	-1.24E-01	3.39E+01	0.00E+00	0.00E+00	9.07E+01	2.10E-05	1.89E-02	2.03E-01	3.61E-02	4.15E-01	4.00E-08	2.18E-07	2.41E+00	4.64E-02	4.86E-02	1.06E+00	1.98E-01	7.50E-01	1.69E+03	4.87E+00	2.45E-07	7.66E-07	7.98E-02	2.56E-04	4.91E+00	3.56E+00	1.77E+03	2.04E-04	1.77E+03	1.73E+03	8.70E+00	0.00E+00	0.00E+00	0.00E+00	8.83E+00
M-MD13560	1.27E-01	3.97E+01	-1.79E-01	3.90E+01	0.00E+00	0.00E+00	1.26E+02	3.48E-05	2.06E-02	2.22E-01	5.40E-02	4.01E-01	5.19E-08	2.41E-07	2.55E+00	4.64E-02	7.34E-02	1.58E+00	5.36E-01	7.20E-01	1.91E+03	5.11E+00	2.34E-07	7.93E-07	8.41E-02	2.58E-04	4.60E+00	5.35E+00	2.01E+03	2.76E-04	2.01E+03	2.03E+03	1.82E+01	0.00E+00	0.00E+00	0.00E+00	2.25E+01
M-MD13580	1.44E-01	4.91E+01	-2.34E-01	4.92E+01	2.81E-06	0.00E+00	1.66E+02	6.46E-05	2.61E-02

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M-MF803	5.07E-01	1.09E+01	-4.38E-02	1.17E+01	0.00E+00	0.00E+00	4.48E+01	1.78E-05	6.27E-03	6.94E-02	1.56E-02	3.68E+00	1.47E-08	2.97E-07	2.11E+00	2.70E-01	2.12E-02	1.34E+00	1.12E-01	2.23E-01	5.53E+02	2.69E+00	1.48E-07	2.51E-07	2.47E-02	1.20E-04	2.16E+00	1.59E+00	5.49E+02	7.29E-05	5.49E+02	5.32E+02	3.85E+00	0.00E+00	0.00E+00	0.00E+00	4.82E+00
M-MF804	1.37E-01	1.73E+01	-4.17E-02	1.84E+01	0.00E+00	0.00E+00	5.24E+01	1.78E-05	1.52E-02	1.68E-01	2.04E-02	3.77E+00	3.59E-08	3.01E-07	2.18E+00	2.70E-01	2.71E-02	1.38E+00	1.21E-01	4.35E-01	7.90E+02	3.83E+00	1.41E-07	6.88E-07	7.34E-02	1.46E-04	3.43E+00	2.08E+00	8.32E+02	9.26E-05	8.32E+02	7.95E+02	6.01E+00	0.00E+00	0.00E+00	0.00E+00	5.22E+00
M-MF805	1.50E-01	1.99E+01	-3.11E-02	2.04E+01	0.00E+00	0.00E+00	6.26E+01	1.73E-05	1.67E-02	1.84E-01	2.48E-02	4.12E+00	4.47E-08	2.31E-07	2.32E+00	2.73E-01	3.32E-02	1.85E+00	1.23E-01	5.11E-01	8.63E+02	4.17E+00	2.58E-07	8.25E-07	7.95E-02	1.50E-04	3.51E+00	2.61E+00	8.94E+02	7.66E-05	8.94E+02	8.67E+02	6.40E+00	0.00E+00	0.00E+00	0.00E+00	5.25E+00
M-MF806	1.61E-01	3.67E+01	-3.44E-02	3.59E+01	0.00E+00	0.00E+00	9.11E+01	1.70E-05	2.24E-02	2.46E-01	2.94E-02	4.15E+00	4.97E-08	3.07E-07	2.28E+00	2.71E-01	3.98E-02	2.19E+00	1.23E-01	5.17E-01	1.10E+03	4.69E+00	2.71E-07	9.23E-07	9.80E-02	1.66E-04	3.58E+00	2.92E+00	1.18E+03	8.76E-05	1.18E+03	1.16E+03	6.45E+00	0.00E+00	0.00E+00	0.00E+00	5.29E+00
M-MF807	1.58E-01	3.72E+01	-1.10E-01	3.65E+01	0.00E+00	0.00E+00	9.22E+01	2.26E-05	2.24E-02	2.46E-01	3.08E-02	4.22E+00	3.81E-08	3.35E-07	1.76E+00	2.71E-01	4.16E-02	3.03E+00	1.65E-01	5.24E-01	1.99E+03	4.86E+00	2.92E-07	8.86E-07	9.55E-02	1.70E-04	3.19E+00	3.04E+00	2.02E+03	9.10E-05	2.02E+03	2.02E+03	6.47E+00	0.00E+00	0.00E+00	0.00E+00	7.72E+00
M-MF808	1.58E-01	3.61E+01	-1.13E-01	3.58E+01	0.00E+00	0.00E+00	9.27E+01	2.25E-05	2.06E-02	2.27E-01	3.32E-02	4.22E+00	3.84E-08	3.35E-07	1.76E+00	2.71E-01	4.46E-02	3.03E+00	1.72E-01	5.35E-01	1.80E+03	4.86E+00	2.98E-07	8.72E-07	9.29E-02	1.69E-04	3.19E+00	3.26E+00	1.86E+03	9.22E-05	1.86E+03	1.76E+03	7.44E+00	0.00E+00	0.00E+00	0.00E+00	7.93E+00
M-MF809	1.51E-01	3.54E+01	-1.50E-01	3.49E+01	0.00E+00	0.00E+00	1.00E+02	2.25E-05	1.96E-02	2.15E-01	4.14E-02	4.22E+00	4.28E-08	3.11E-07	1.83E+00	2.71E-01	5.66E-02	2.29E+00	1.72E-01	5.41E-01	1.72E+03	4.94E+00	2.99E-07	8.59E-07	8.89E-02	1.69E-04	3.67E+00	4.13E+00	1.78E+03	9.21E-05	1.78E+03	1.76E+03	8.76E+00	0.00E+00	0.00E+00	0.00E+00	7.95E+00
M-MF8510	1.62E-01	4.80E+01	-1.93E-01	4.92E+01	0.00E+00	0.00E+00	1.61E+02	6.04E-05	2.70E-02	2.92E-01	6.40E-02	4.24E+00	5.32E-08	3.75E-07	1.87E+00	1.58E-01	8.73E-02	2.66E+00	5.20E-01	5.70E-01	2.37E+03	5.69E+00	3.08E-07	9.95E-07	1.12E-01	1.73E-04	6.17E+00	6.37E+00	2.34E+03	9.77E-05	2.34E+03	2.35E+03	1.45E+01	0.00E+00	0.00E+00	0.00E+00	2.18E+01
M-MF8512	1.97E-01	5.46E+01	-2.60E-01	5.50E+01	0.00E+00	0.00E+00	1.91E+02	6.69E-05	2.98E-02	3.28E-01	7.52E-02	4.24E+00	6.34E-08	4.23E-07	2.31E+00	1.58E-01	1.03E-01	3.07E+00	5.98E-01	6.19E-01	2.71E+03	6.41E+00	3.81E-07	1.11E-06	1.22E-01	1.78E-04	6.30E+00	7.42E+00	2.70E+03	1.19E-04	2.70E+03	2.82E+03	1.49E+01	0.00E+00	0.00E+00	0.00E+00	2.37E+01
M-MF859	1.69E-01	4.09E+01	-1.85E-01	4.02E+01	0.00E+00	0.00E+00	1.36E+02	4.67E-05	2.14E-02	2.29E-01	5.81E-02	4.22E+00	4.87E-08	3.09E-07	1.85E+00	2.15E-01	7.85E-02	2.42E+00	4.91E-01	5.54E-01	1.79E+03	5.19E+00	2.99E-07	8.85E-07	9.04E-02	1.72E-04	3.64E+00	5.75E+00	1.93E+03	9.30E-05	1.93E+03	1.94E+03	1.40E+01	0.00E+00	0.00E+00	0.00E+00	2.07E+01
M-MFG6010	1.79E-01	3.56E+01	-1.51E-01	3.50E+01	0.00E+00	0.00E+00	1.02E+02	2.25E-05	2.02E-02	2.19E-01	4.51E-02	4.24E+00	4.53E-08	3.12E-07	1.89E+00	3.99E-01	6.12E-02	2.27E+00	1.79E-01	5.49E-01	1.83E+03	4.96E+00	2.99E-07	8.60E-07	8.96E-02	1.69E-04	3.75E+00	4.48E+00	1.90E+03	9.21E-05	1.90E+03	1.86E+03	9.48E+00	0.00E+00	0.00E+00	0.00E+00	8.37E+00
M-MFG6011	1.79E-01	3.92E+01	-1.54E-01	3.84E+01	0.00E+00	0.00E+00	1.12E+02	2.56E-05	2.06E-02	2.19E-01	4.85E-02	4.24E+00	4.73E-08	3.16E-07	1.85E+00	3.99E-01	6.56E-02	2.78E+00	3.76E-01	5.61E-01	1.90E+03	5.13E+00	2.99E-07	8.78E-07	8.99E-02	1.69E-04	3.55E+00	4.81E+00	2.02E+03	9.29E-05	2.02E+03	2.01E+03	1.29E+01	0.00E+00	0.00E+00	0.00E+00	1.55E+01
M-MFG6012	1.69E-01	3.96E+01	-1.83E-01	3.91E+01	0.00E+00	0.00E+00	1.46E+02	3.63E-05	2.10E-02	2.25E-01	5.36E-02	4.25E+00	4.94E-08	3.09E-07	1.85E+00	3.99E-01	7.27E-02	2.43E+00	4.78E-01	5.62E-01	1.87E+03	5.19E+00	2.99E-07	8.77E-07	8.95E-02	1.72E-04	3.45E+00	5.31E+00	2.00E+03	9.29E-05	2.00E+03	1.99E+03	1.35E+01	0.00E+00	0.00E+00	0.00E+00	1.96E+01
M-MFG6013	1.69E-01	4.08E+01	-1.85E-01	4.02E+01	0.00E+00	0.00E+00	1.50E+02	4.98E-05	2.14E-02	2.29E-01	5.79E-02	4.24E+00	4.88E-08	3.09E-07	1.85E+00	3.61E-01	7.82E-02	2.45E+00	4.90E-01	5.63E-01	1.87E+03	5.19E+00	2.99E-07	8.84E-07	9.04E-02	1.72E-04	3.47E+00	5.73E+00	2.01E+03	9.29E-05	2.01E+03	1.99E+03	1.39E+01	0.00E+00	0.00E+00	0.00E+00	2.06E+01
M-MFG6014	1.61E-01	4.75E+01	-1.91E-01	4.85E+01	0.00E+00	0.00E+00	1.72E+02	5.06E-05	2.67E-02	2.90E-01	6.15E-02	4.27E+00	5.07E-08	3.74E-07	1.85E+00	3.04E-01	8.36E-02	2.63E+00	5.14E-01	5.76E-01	2.45E+03	5.51E+00	3.02E-07	9.93E-07	1.11E-01	1.73E-04	6.04E+00	6.14E+00	2.41E+03	9.60E-05	2.41E+03	2.41E+03	1.44E+01	0.00E+00	0.00E+00	0.00E+00	2.17E+01
M-MFG6015	1.88E-01	4.85E+01	-2.15E-01	4.99E+01	0.00E+00	0.00E+00	1.84E+02	6.43E-05	2.80E-02	3.04E-01	6.58E-02	4.52E+00	5.59E-08	4.08E-07	1.93E+00	2.59E-01	8.98E-02	3.03E+00	5.31E-01	1.10E+03	2.67E+03	7.60E+00	3.32E-07	1.08E-06	1.16E-01	2.41E-04	5.21E+00	6.59E+00	2.74E+03	1.09E-04	2.74E+03	2.72E+03	1.49E+01	0.00E+00	0.00E+00	0.00E+00	2.29E+01
M-MFG6016	1.88E-01	4.86E+01	-2.20E-01	5.00E+01	0.00E+00	0.00E+00	1.87E+02	6.79E-05	2.81E-02	3.04E-01	7.13E-02	4.53E+00	6.03E-08	4.10E-07	2.13E+00	2.59E-01	9.78E-02	3.05E+00	5.57E-01	1.12E+03	2.68E+03	7.68E+00	3.40E-07	1.09E-06	1.16E-01	2.42E-04	5.32E+00	7.30E+00	2.73E+03	1.14E-04	2.73E+03	2.74E+03	1.50E+01	0.00E+00	0.00E+00	0.00E+00	2.39E+01
M-MFG6017	1.99E-01	5.50E+01	-2.55E-01	5.54E+01	0.00E+00	0.00E+00	2.21E+02	6.87E-05	3.03E-02	3.34E-01	7.51E-02	4.52E+00	6.51E-08	4.41E-07	2.46E+00	2.59E-01	1.03E-01	3.08E+00	5.57E-01	1.13E+03	3.51E+03	7.25E+00	3.45E-07	1.10E-06	1.23E-01	2.45E-04	6.10E+00	7.46E+00	3.36E+03	1.25E-04	3.36E+03	3.30E+03	1.54E+01	0.00E+00	0.00E+00	0.00E+00	2.41E+01
M-MFG6018	2.18E-01	6.51E+01	-2.65E-01	6.51E+01	0.00E+00	0.00E+00	3.01E+02	7.15E-05	3.54E-02	3.80E-01	7.58E-02	4.51E+00	6.61E-08	5.01E-07	2.45E+00	2.59E-01	1.04E-01	3.08E+00	5.60E-01	1.19E+03	5.06E+03	7.25E+00	3.61E-07	1.14E-06	1.34E-01	2.47E-04	6.05E+00	7.52E+00	4.75E+03	1.26E-04	4.75E+03	4.42E+03	1.52E+01	0.00E+00	0.00E+00	0.00E+00	2.42E+01
M-MFG6019	2.18E-01	6.52E+01	-2.98E-01	6.56E+01	0.00E+00	0.00E+00	3.48E+02	7.13E-05	3.55E-02	3.87E-01	7.93E-02	4.51E+00	6.71E-08	5.04E-07	2.45E+00	2.59E-01	1.08E-01	3.08E+00	5.60E-01	1.18E+03	5.06E+03	7.28E+00	3.61E-07	1.14E-06	1.36E-01	2.48E-04	6.07E+00	7.91E+00	4.76E+03	1.33E-04	4.76E+03	4.43E+03	1.52E+01	0.00E+00	0.00E+00	0.00E+00	2.42E+01
M-MFG602	7.72E-02	8.05E+00	-2.05E-02	7.85E+00	0.00E+00	0.00E+00	5.49E+01	1.45E-05	5.12E-03	5.77E-02	1.19E-02	1.03E+00	1.50E-08	5.21E-07	1.24E+00	1.09E+00	1.62E-02	6.11E-01	1.05E-01	2.33E-01	5.91E+02	1.71E+00	2.35E-07	3.76E-07	2.16E-02	1.31E-04	2.67E+00	1.21E+00	5.86E+02	1.10E-04	5.86E+02	5.79E+02	4.15E+00	0.00E+00	0.00E+00	0.00E+00	4.33E+00
M-MFG6020	2.23E-01	6.60E+01	-3.12E-01	6.64E+01	0.00E+00	0.00E+00	3.52E+02	7.10E-05	3.61E-02	3.92E-01	9.20E-02	4.51E+00	7.17E-08	5.08E-07	2.46E+00	2.81E-01	1.24E-01	3.19E+00	5.72E-01	1.19E+03	5.11E+03	7.30E+00	3.60E-07	1.14E-06	1.38E-01	2.49E-04	6.16E+00	9.03E+00	4.79E+03	1.42E-04	4.79E+03	4.66E+03	1.54E+01	0.00E+00	0.00E+00	0.00E+00	2.46E+01
M-MFG6021	2.30E-01	6.71E+01	-3.12E-01	6.76E+01	0.00E+00	0.00E+00	3.34E+02	7.12E-05	3.68E-02	3.99E-01	9.23E-02	4.51E+00	7.59E-08	5.15E-07	2.44E+00	2.81E-01	1.24E-01	3.22E+00	5.33E-01	1.23E+03	5.82E+03	7.32E+00	3.44E-07	1.17E-06	1.41E-01	2.51E-04	6.17E+00	9.04E+00	5.51E+03	3.41E-04	5.51E+03	5.41E+03	1.56E+01	0.00E+00	0.00E+00	0.00E+00	2.41E+01
M-MFG6022	2.39E-01	6.84E+01	-3.42E-01	6.88E+01	0.00E+00	0.00E+00	3.41E+02	7.28E-05	3.77E-02	4.10E-01	9.58E-02	4.50E+00	7.66E-08	5.24E-07	2.44E+00	2.81E-01	1.29E-01	3.32E+00	5.70E-01	1.23E+03	5.84E+03	7.32E+00	3.32E-07	1.18E-06	1.45E-01	2.51E-04	6.18E+00	9.23E+00	5.52E+03	3.95E-04	5.52E+03	5.41E+03	1.56E+01	0.00E+00	0.00E+00	0.00E+00	2.43E+01
M-MFG603	5.06E-02	1.07E+01	-3.38E-02	1.15E+01	0.00E+00	0.00E+00	4.51E+01	1.75E-05	8.06E-03	6.85E-02	1.56E-02	3.68E+00	1.55E-08	3.66E-07	2.13E+00	5.54E-01	2.11E-02	1.33E+00	1.09E-01	2.17E-01	6.58E+02	2.48E+00	1.66E-07	2.50E-07	2.43E-02	1.24E-04	2.19E+00	1.58E+00	6.54E+02	8.78E-05	6.54E+02	6.21E+02	3.92E+00	0.00E+00	0.00E+00	0.00E+00	4.67E+00
M-MFG604	1.37E-01	1.76E+01	-4.28E-02	1.84E+01	0.00E+00	0.00E+00	5.24E+01	1.75E-05	1.52E-02	1.66E-01	2.04E-02	3.78E+00	3.59E-08	3.04E-07	2.18E+00	3.95E-01	2.71E-02	1.38E+00	1.22E-01	4.35E-01	9.07E+02	3.70E+00	1.41E-07	6.89E-07	7.34E-02	1.46E-04	3.43E+00	2.08E+00	9.42E+02	9.23E-05	9.42E+02	8.95E+02	6.02E+00	0.00E+00	0.00E+00	0.00E+00	5.25E+00
M-MFG605	1.49E-01	2.00E+01	-3.23E-02	2.04E+01	0.00E+00	0.00E+00	6.24E+01	1.73E-05	1.66E-02	1.84E-01	2.48E-02	3.85E+00	4.48E-08	3.07E-07	2.35E+00	3.98E-01	3.31E-02	1.83E+00	1.24E-01	5.10E-01	9.80E+02	4.10E+00	2.60E-07	8.21E-07	7.96E-02	1.49E-04	3.52E+00	2.59E+00	1.00E+03	9.25E-05	1.00E+03	9.95E+02	6.42E+00	0.00E+00	0.00E+00	0.00E+00	5.28E+00
M-MFG606	1.61E-01	3.67E+01	-3.42E-02	3.59E+01	0.00E+00	0.00E+00	9.11E+01	1.70E-05	2.24E-02	2.46E-01	2.94E-02	4.18E+00	4.97E-08	2.78E-07	2.28E+00	3.98E-01	3.98E-02	2.05E+00	1.23E-01	5.08E-01	1.19E+03	4.63E+00	2.71E-07	9.23E-07	9.80E-02	1.56E-04	3.49E+00	2.92E+00	1.28E+03	8.01E-05	1.28E+03	1.21E+03	6.41E+00	0.00E+00	0.00E+00	0.00E+00	5.29E+00
M-MFG607	1.58E-01	3.72E+01	-1.03E-01	3.65E+01	0.00E+00	0.00E+00	9.13E+01	2.23E-05	2.24E-02	2.46E-01	3.07E-02	4.20E+00	3.62E-08	2.79E-07	1.76E+00	3.98E-01	4.14E-02	2.30E+00	1.60E-01	5.12E-01	2.01E+03	4.73E+00	2.70E-07	8.85E-07	9.55E-02	1.53E-04	3.09E+00	3.04E+00	2.05E+03	8.09E-05	2.05E+03	1.99E+03	6.39E+00	0.00E+00	0.00E+00	0.00E+00	7.54E+00
M-MFG608	1.58E-01	3.61E+01	-1.06E-01	3.58E+01	0.00E+00	0.00E+00	9.18E+01	2.22E-05	2.06E-02	2.27E-01	3.31E-02	4.20E+00	3.84E-08	3.08E-07	1.76E+00	3.98E-01	4.45E-02	2.43E+00	1.68E-01	5.33E-01	1.83E+03	4.79E+00	2.76E-07	8.71E-07	9.29E-02	1.56E-04	3.18E+00	3.28E+00	1.91E+03	8.94E-05	1.91E+03	1.86E+03	7.42E+00	0.00E+00	0.00E+00	0.00E+00	7.75E+00
M-MFG609	1.52E-01	3.54E+01	-1.44E-01	3.49E+01	0.00E+00	0.00E+00	1.00E+02	2.25E-05	1.96E-02	2.15E-01	4.14E-02	4.24E+00	4.28E-08	2.90E-07	1.83E+00	3.99E-01	5.66E-02	2.00E+00	1.69E-01	5.49E-01	1.78E+03	4.92E+00	2.81E-07	8.59E-07	8.92E-02	1.56E-04	3.73E+00	4.13E+00	1.85E+03	8.93E-05	1.85E+03	1.81E+03	8.76E+00	0.00E+00	0.00E+00	0.00E+00	7.95E+00
M-MFG7010	1.79E-01	3.56E+01	-1.51E-01	3.50E+01	0.00E+00	0.00E+00	1.02E+02	2.25E-05	2.02E-02	2.19E-01	4.51E-02	4.24E+00	4.53E-08	3.12E-07	1.89E+00	3.99E-01	6.12E-02	2.27E+00	1.79E-01	5.49E-01	1.83E+03	4.96E+00	2.99E-07	8.60E-07	8.96E-02	1.69E-04	3.75E+00	4.48E+00	1.90E+03	9.21E-05	1.90E+03	1.86E+03	9.48E+00	0.00E+00	0.00E+00	0.00E+00	8.37E+00
M-MFG7011	1.79E-01	3.92E+01	-1.55E-01	3.84E+01	0.00E+00	0.00E+00	1.12E+02	2.56E-05	2.05E-02	2.18E-01	4.85E-02	4.23E+00	4.69E-08	3.14E-07	1.85E+00	3.62E-01	6.56E-02	2.80E+00	3.78E-01	5.61E-01	1.90E+03	5.13E+00	2.99E-07	8.78E-07	8.97E-02	1.69E-04	3.46E+00	4.81E+00	2.01E+03	9.29E-05	2.01E+03	2.00E+03	1.29E+01	0.00E+00	0.00E+00	0.00E+00	1.57E+01
M-MFG7012	1.88E-01	4.76E+01	-1.88E-01	4.75E+01	0.00E+00	0.00E+00	1.53E+02	3.67E-05	2.69E-02	2.91E-01	5.36E-02	4.24E+00	4.93E-08	3.79E-07	1.84E+00	3.62E-01	7.27E-02	2.74E+00	4.97E-01	5.75E-01	2.51E+03	5.20E+00	3.00E-07	1.00E-06	1.15E-01	1.72E-04	3.43E+00	5.31E+00	2.46E+03	9.43E-05	2.46E+03	2.46E+03	1.35E+01	0.00E+00	0.00E+00	0.00E+00	2.02E+01
M-MFG7013	1.89E-01	4.84E+01	-1.91E-01	4.87E+01	0.00E+00	0.00E+00	1.60E+02	5.24E-05	2.83E-02	3.05E-01	5.79E-02	4.24E+00	4.92E-08	3.99E-07	1.83E+00	3.61E-01	7.82E-02	3.26E+00	5.11E-01	5.99E-01	2.62E+03	6.04E+00	3.10E-07	1.11E-06	1.20E-01	1.72E-04	3.43E+00	5.73E+00	2.62E+03	9.89E-05	2.62E+03	2.57E+03	1.41E+01	0.00E+00	0.00E+00	0.00E+00	2.14E+01
M-MFG7014	1.84E-01	4.81E+01	-1.92E-01	4.92E+01	0.00E+00	0.00E+00	1.73E+02	5.29E-05	2.76E-02	3.01E-01	6.15E-02	4.29E+00	5.10E-08	3.90E-07	1.84E+00	3.04E-01	8.36E-02	3.04E+00	5.33E-01	6.01E-01	2.56E+03	6.40E+00	3.14E-07	1.09E-06	1.15E-01	1.73E-04	6.02E+00	6.14E+00	2.55E+03	1.01E-04	2.55E+03	2.52E+03	1.45E+01	0.00E+00	0.00E+00	0.00E+00	2.22E+01
M-MFG7015	1.88E-01	4.85E+01	-2.15E-01	4.99E+01	0.00E+00	0.00E+00	1.84E+02	6.43E-05	2.80E-02	3.04E-01	6.58E-02	4.53E+00	5.59E-08	4.08E-07	1.93E+00	2.59E-01	8.98E-02	3.05E+00	5.43E-01	1.10E+03	2.68E+03	7.68E+00	3.34E-07	1.08E-06	1.16E-01	2.41E-04	5.18E+00	6.59E+00	2.74E+03	1.10E-04	2.74E+03	2.72E+03	1.49E+01	0.00E+00	0.00E+00	0.00E+00	2.33E+01
M-MFG7016	1.88E-01	4.86E+01	-2.20E-01	5.00E+01	0.00E+00	0.00E+00	1.87E+02	7.00E-05	2.81E-02	3.04E-01	7.13E-02	4.53E+00	6.03E-08	4.10E-07	2.13E+00	2.59E-01	9.78E-02	3.05E+00	5.57E-01	1.12E+03	2.68E+03	7.68E+00	3.40E-07	1.09E-06	1.16E-01	2.43E-04	5.27E+00	7.30E+00	2.73E+03	1.14E-04	2.73E+03	2.74E+03	1.49E+01	0.00E+00	0.00E+00	0.00E+00	2.39E+01
M-MFG7017	1.99E-01	5.50E+01	-2.55E-01	5.54E+01	0.00E+00	0.00E+00	2.21E+02	7.14E-05	3.03E-02	3.34E-01	7.51E-02	4.52E+00	6.51E-08	4.41E-07	2.46E+00	2.81E-01	1.03E-01	3.08E+00	5.57E-01	1.13E+03	3.51E+03	7.25E+00	3.45E-07	1.10E-06	1.23E-01	2.47E-04	6.12E+00	7.46E+00	3.36E+03	1.25E-04	3.36E+03	3.30E+03	1.52E+01	0.00E+00	0.00E+00	0.00E+00	2.41E+01
M-MFG7018	2.18E-01	6.52E+01	-2.66E-01	6.55E+01	0.00E+00	0.00E+00	3.03E+02	7.15E-05	3.55E-02	3.88E-01	7.93E-02	4.51E+00	6.62E-08	5.06E-07	2.42E+00	2.81E-01	1.04E-01	3.09E+00	5.60E-01	1.19E+03	5.06E+03	7.25E+00	3.39E-07	1.14E-06	1.37E-01	2.49E-04	6.06E+00	7.52E+00	4.76E+03	1.19E-04	4.76E+03	4.43E+03	1.52E+01	0.00E+00	0.00E+00	0.00E+00	2.42E+01
M-MFG7019	2.18E-01	6.52E+01	-2.98E-01	6.56E+01	0.00E+00	0.00E+00	3.49E+02	7.13E-05	3.55E-02	3.88E-01	7.93E-02	4.51E+00	6.71E-08	5.06E-07	2.42E+00	2.81E-01	1.08E-01	3.09E+00	5.60E-01	1.19E+03	5.07E+03	7.28E+00	3.39E-07	1.14E-06	1.37E-01	2.49E-04	6.08E+00	7.91E+00	4.77E+03	1.26E-04	4.77E+03	4.45E+03	1.53E+01	0.00E+00	0.00E+00	0.00E+00	2.42E+01
M-MFG702	7.71E-02	8.03E+00	-2.14E-02	7.85E+00	0.00E+00	0.00E+00	5.50E+01	1.45E-05	5.03E-03	5.73E-02	1.19E-02	1.03E+00	1.52E-08	5.21E-07	1.23E+00	1.09E+00	1.62E-02	6.11E-01	1.05E-01	2.34E-01	5.87E+02	2.07E+00	2.35E-07	3.71E-07	2.16E-02	1.32E-04	2.51E+00	1.21E+00	5.78E+02	1.10E-04	5.78E+02	5.75E+02	4.08E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+00
M-MFG7020	2.26E-01	6.80E+01	-3.13E-01	6.68E+01	0.00E+00	0.00E+00	3.54E+02	7.10E-05	3.63E-02	3.97E-01	9.20E-02	4.52E+00	7.18E-08	5.20E-07	2.46E+00	2.81E-01	1.24E-01	4.92E+00	5.93E-01	1.19E+03	5.16E+03	7.65E+00	3.50E-07	1.21E-06	1.41E-01	2.55E-04	6.70E+00	9.03E+00	4.86E+03	1.42E-04	4.86E+03	4.69E+03	1.56E+01	0.00E+00	0.00E+00	0.00E+00	2.46E+01
M-MFG7021	2.31E-01	6.74E+01	-3.22E-01	6.78E+01	0.00E+00	0.00E+00	3.41E+02	7.47E-05	3.68E-02	4.01E-01	9.24E-02	4.52E+00	7.59E-08	5.21E-07	2.46E+00	2.81E-01	1.24E-01	4.95E+00	5.73E-01	1.23E+03	5.89E+03	1.31E+01	3.58E-07	1.23E-06	1.42E-01	2.57E-04	6.71E+00	9.08E+00	5.55E+03	3.41E-04	5.55E+03	5.43E+03	1.59E+01	0.00E+00	0.00E+00	0.00E+00	2.42E+01
M-MFG7022	2.45E-01	7.02E+01	-3.48E-01	6.98E+01	0.00E+00	0.00E+00	4.21E+02	8.59E-05	3.91E-02	4.24E+01	9.50E-02	4.58E+00	7.64E-08	5.51E-07	2.54E+00	2.81E-01	1.28E-01	8.26E+00	5.77E-01	1.23E+03	6.14E+03	1.61E+01	4.02E-07	1.24E-06	1.50E-01	2.58E-04	6.72E+00	9.16E+00	5.86E+03	4.23E-04	5.86E+03	5.74E+03	1.60E+01	0.00E+00	0.00E+00	0.00E+00	2.39E+01
M-MFG703	5.07E-02	1.08E+01	-4.28E-02	1.17E+01	0.00E+00	0.00E+00	4.47E+01	1.75E-05	6.23E-03	6.91E-02	1.56E-02	3.68E+00	1.47E-08	2.97E-07	2.11E+00	3.85E-01	2.12E-02	1.34E+00	1.12E-01	2.23E-01	6.59E+02	2.59E+00	1.50E-07	2.51E-07	2.46E-02	1.20E-04	2.16E+00	1.59E+00	6.55E+02	7.29E-05	6.55E+02	6.28E+02	3.85E+00	0.00E+00	0.00E+00	0.00E+00	4.85E+00
M-MFG704	1.37E-01	1.76E+01	-4.28E-02	1.84E+01	0.00E+00	0.00E+00	5.24E+01	1

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M-MTG708	1.46E-01	3.66E+01	-1.74E-01	3.73E+01	0.00E+00	0.00E+00	1.25E+02	4.88E-05	2.08E-02	2.24E-01	5.03E-02	5.07E+00	4.39E-08	7.38E-07	1.95E+00	1.42E-01	6.81E-02	2.36E+00	3.77E-01	9.23E+01	2.72E+03	7.98E+00	4.42E-07	8.31E-07	8.37E-02	3.52E-04	4.00E+00	4.98E+00	2.76E+03	2.95E-04	2.76E+03	2.77E+03	1.07E+01	0.00E+00	0.00E+00	0.00E+00	1.68E+01
M-MTG709	1.41E-01	3.68E+01	-2.06E-01	3.84E+01	0.00E+00	0.00E+00	1.30E+02	6.33E-05	2.10E-02	2.27E-01	5.57E-02	5.07E+00	4.70E-08	7.30E-07	1.94E+00	1.63E-01	7.53E-02	2.03E+00	3.97E-01	9.03E+01	2.69E+03	7.77E+00	4.14E-07	8.27E-07	8.43E-02	3.52E-04	3.99E+00	5.52E+00	2.73E+03	2.97E-04	2.73E+03	2.73E+03	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.68E+01
M-MTG8010	1.40E-01	4.30E+01	-2.09E-01	4.39E+01	0.00E+00	0.00E+00	1.48E+02	6.40E-05	2.33E-02	2.48E-01	6.14E-02	5.07E+00	4.89E-08	7.30E-07	1.96E+00	1.63E-01	8.34E-02	1.93E+00	4.46E-01	9.02E+01	2.79E+03	7.72E+00	4.14E-07	8.29E-07	8.72E-02	3.53E-04	6.50E+00	6.12E+00	2.81E+03	2.97E-04	2.81E+03	2.83E+03	1.16E+01	0.00E+00	0.00E+00	0.00E+00	1.90E+01
M-MTG8011	1.69E-01	4.70E+01	-2.33E-01	5.03E+01	0.00E+00	0.00E+00	1.82E+02	6.99E-05	2.77E-02	3.00E-01	6.68E-02	5.10E+00	5.37E-08	8.09E-07	2.00E+00	1.63E-01	9.08E-02	2.62E+00	5.05E-01	9.63E+01	3.17E+03	9.22E+00	4.59E-07	9.74E-07	1.09E-01	3.55E-04	5.70E+00	6.67E+00	3.12E+03	3.08E-04	3.12E+03	3.15E+03	1.22E+01	0.00E+00	0.00E+00	0.00E+00	2.11E+01
M-MTG8012	1.70E-01	4.75E+01	-2.53E-01	5.13E+01	0.00E+00	0.00E+00	1.84E+02	7.06E-05	2.81E-02	3.02E-01	7.27E-02	5.10E+00	5.83E-08	8.09E-07	2.13E+00	1.63E-01	9.86E-02	2.83E+00	5.06E-01	9.63E+01	3.21E+03	9.29E+00	4.59E-07	9.73E-07	1.10E-01	3.54E-04	5.48E+00	7.31E+00	3.15E+03	3.08E-04	3.15E+03	3.18E+03	1.22E+01	0.00E+00	0.00E+00	0.00E+00	2.11E+01
M-MTG8013	2.22E-01	6.35E+01	4.06E-01	6.07E+01	0.00E+00	0.00E+00	2.56E+02	8.62E-05	3.43E-02	3.51E-01	7.66E-02	2.62E+01	6.69E-08	4.45E-07	3.03E+00	1.29E-01	1.03E-01	2.37E+00	7.99E-01	1.05E+02	4.55E+03	1.08E+01	5.41E-07	9.98E-07	1.37E-01	4.22E-04	5.15E+00	7.44E+00	4.44E+03	1.59E-04	4.44E+03	4.52E+03	1.75E+01	0.00E+00	0.00E+00	0.00E+00	3.25E+01
M-MTG8014	2.30E-01	6.57E+01	3.84E-01	6.28E+01	0.00E+00	0.00E+00	2.71E+02	8.69E-05	3.56E-02	3.65E-01	8.31E-02	2.66E+01	7.07E-08	4.59E-07	3.06E+00	1.29E-01	1.12E-01	2.37E+00	7.96E-01	1.05E+02	4.56E+03	1.09E+01	5.44E-07	1.00E-06	1.42E-01	4.22E-04	5.12E+00	8.07E+00	4.47E+03	1.75E-04	4.47E+03	4.56E+03	1.75E+01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
M-MTG8015	2.60E-01	6.73E+01	-3.12E-01	6.60E+01	0.00E+00	0.00E+00	2.74E+02	8.79E-05	4.02E-02	4.02E-01	9.26E-02	2.66E+01	7.47E-08	4.89E-07	3.05E+00	1.29E-01	1.26E-01	2.39E+00	7.95E-01	1.05E+02	4.56E+03	1.10E+01	5.44E-07	1.00E-06	1.57E-01	4.23E-04	5.15E+00	9.10E+00	4.26E+03	2.03E-04	4.26E+03	4.78E+03	1.73E+01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
M-MTG8016	2.60E-01	6.75E+01	-3.58E-01	6.82E+01	0.00E+00	0.00E+00	4.84E+02	8.87E-05	3.66E-02	4.04E-01	9.62E-02	2.74E+01	7.49E-08	4.90E-07	2.97E+00	1.26E-01	1.30E-01	2.37E+00	7.99E-01	1.05E+02	6.81E+03	1.11E+01	5.33E-07	1.01E-06	1.58E-01	4.21E-04	5.08E+00	9.40E+00	7.29E+03	4.76E-04	7.29E+03	6.78E+03	1.73E+01	0.00E+00	0.00E+00	0.00E+00	3.39E+01
M-MTG8017	2.68E-01	6.91E+01	-4.02E-01	6.91E+01	0.00E+00	0.00E+00	4.82E+02	8.87E-05	4.04E-02	4.06E-01	1.01E-01	2.74E+01	7.76E-08	4.92E-07	2.96E+00	1.27E-01	1.36E-01	2.42E+00	8.07E-01	1.05E+02	7.13E+03	1.11E+01	5.33E-07	1.00E-06	1.59E-01	4.21E-04	5.17E+00	1.04E+01	7.33E+03	4.75E-04	7.33E+03	6.79E+03	1.79E+01	0.00E+00	0.00E+00	0.00E+00	3.46E+01
M-MTG8018	2.68E-01	6.92E+01	-4.07E-01	6.92E+01	0.00E+00	0.00E+00	4.54E+02	8.99E-05	4.06E-02	4.08E-01	1.06E-01	2.74E+01	7.88E-08	4.96E-07	2.99E+00	1.27E-01	1.45E-01	2.66E+00	8.36E-01	1.05E+02	7.13E+03	1.12E+01	5.33E-07	1.11E-06	1.60E-01	4.21E-04	5.44E+00	1.07E+01	7.33E+03	4.69E-04	7.33E+03	6.79E+03	1.79E+01	0.00E+00	0.00E+00	0.00E+00	3.61E+01
M-MTG8019	2.70E-01	7.00E+01	-4.33E-01	7.04E+01	0.00E+00	0.00E+00	4.56E+02	8.99E-05	4.12E-02	4.10E-01	1.13E-01	2.74E+01	8.27E-08	5.03E-07	2.99E+00	1.27E-01	1.54E-01	2.66E+00	8.39E-01	1.05E+02	7.16E+03	1.17E+01	5.33E-07	1.14E-06	1.62E-01	4.21E-04	5.44E+00	1.14E+01	7.59E+03	4.71E-04	7.59E+03	7.06E+03	1.83E+01	0.00E+00	0.00E+00	0.00E+00	3.59E+01
M-MTG802	7.86E-02	1.07E+01	-2.29E-02	1.14E+01	0.00E+00	0.00E+00	8.58E+01	4.72E-05	6.01E-03	6.71E-02	1.54E-02	2.92E+00	1.53E-08	9.02E-07	2.10E+00	3.56E-01	2.09E-02	1.39E+00	4.78E-01	4.70E+01	1.72E+03	2.83E+00	2.84E-07	3.92E-07	2.41E-02	2.93E-04	3.73E+00	1.56E+00	1.69E+03	3.00E-04	1.69E+03	1.72E+03	3.84E+00	0.00E+00	0.00E+00	0.00E+00	1.87E+01
M-MTG8020	2.79E-01	7.51E+01	-4.87E-01	7.54E+01	0.00E+00	0.00E+00	4.57E+02	9.06E-05	4.37E-02	4.34E-01	1.20E-01	2.74E+01	8.93E-08	5.29E-07	3.00E+00	1.28E-01	1.67E-01	2.67E+00	8.41E-01	1.06E+02	7.55E+03	1.28E+01	5.34E-07	1.25E-06	1.74E-01	4.21E-04	5.46E+00	1.26E+01	7.63E+03	4.96E-04	7.63E+03	7.23E+03	2.00E+01	0.00E+00	0.00E+00	0.00E+00	3.59E+01
M-MTG8021	2.84E-01	7.65E+01	-5.10E-01	7.62E+01	0.00E+00	0.00E+00	5.01E+02	9.20E-05	4.46E-02	4.51E-01	1.30E-01	2.77E+01	9.56E-08	5.89E-07	3.06E+00	1.28E-01	1.81E-01	3.70E+00	8.75E-01	1.11E+00	7.68E+03	1.33E+01	5.42E-07	1.38E-06	1.81E-01	4.24E-04	6.33E+00	1.33E+01	8.16E+03	5.21E-04	8.16E+03	7.60E+03	2.01E+01	0.00E+00	0.00E+00	0.00E+00	3.73E+01
M-MTG8022	2.92E-01	7.90E+01	-5.21E-01	8.05E+01	0.00E+00	0.00E+00	6.15E+02	9.63E-05	4.58E-02	4.67E-01	1.46E-01	2.77E+01	1.01E-07	6.43E-07	3.09E+00	1.28E-01	2.00E-01	3.70E+00	8.82E-01	1.25E+00	7.71E+03	1.33E+01	5.58E-07	1.44E-06	1.88E-01	4.29E-04	6.35E+00	1.40E+01	8.16E+03	5.44E-04	8.16E+03	7.62E+03	2.04E+01	0.00E+00	0.00E+00	0.00E+00	3.80E+01
M-MTG803	1.47E-01	2.05E+01	-3.29E-02	2.07E+01	0.00E+00	0.00E+00	9.21E+01	4.60E-05	1.78E-02	1.95E-01	2.31E-02	3.17E+00	3.39E-08	8.17E-07	2.22E+00	2.56E-01	3.09E-02	1.51E+00	4.58E-01	5.85E+01	2.12E+03	4.19E+00	2.79E-07	8.27E-07	7.81E-02	3.08E-04	3.87E+00	2.38E+00	2.04E+03	2.91E-04	2.04E+03	2.07E+03	6.14E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+01
M-MTG804	1.58E-01	4.05E+01	-2.43E-02	4.06E+01	0.00E+00	0.00E+00	1.19E+02	4.62E-05	2.40E-02	2.63E-01	2.94E-02	4.85E+00	4.17E-08	8.33E-07	2.36E+00	1.40E-01	3.96E-02	2.47E+00	4.58E-01	5.99E+01	2.26E+03	5.36E+00	4.03E-07	9.05E-07	9.84E-02	3.16E-04	3.94E+00	2.96E+00	2.26E+03	2.95E-04	2.26E+03	2.30E+03	6.35E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+01
M-MTG805	1.56E-01	4.19E+01	-1.10E-01	4.20E+01	0.00E+00	0.00E+00	1.18E+02	4.70E-05	2.43E-02	2.64E-01	3.25E-02	4.99E+00	2.88E-08	7.58E-07	1.78E+00	1.40E-01	4.35E-02	2.97E+00	4.43E-01	6.04E+01	2.97E+03	5.36E+00	4.03E-07	8.85E-07	9.60E-02	3.12E-04	3.49E+00	3.23E+00	2.95E+03	2.80E-04	2.95E+03	2.98E+03	6.31E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+01
M-MTG806	1.38E-01	3.36E+01	-1.54E-01	3.53E+01	0.00E+00	0.00E+00	1.14E+02	4.73E-05	1.93E-02	2.08E-01	3.97E-02	5.00E+00	4.47E-08	7.48E-07	1.91E+00	1.40E-01	5.42E-02	1.61E+00	4.11E-01	6.49E-01	2.68E+03	9.41E+00	4.10E-07	8.29E-07	8.00E-02	3.16E-04	4.16E+00	3.93E+00	2.67E+03	2.84E-04	2.67E+03	2.69E+03	8.15E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+01
M-MTG807	1.51E-01	3.42E+01	-1.73E-01	3.59E+01	0.00E+00	0.00E+00	1.18E+02	4.62E-05	2.02E-02	2.19E-01	4.58E-02	5.07E+00	4.19E-08	7.48E-07	1.90E+00	1.42E-01	6.19E-02	2.41E+00	4.12E-01	9.29E-01	2.68E+03	7.82E+00	4.41E-07	8.38E-07	8.29E-02	3.50E-04	4.02E+00	4.54E+00	2.73E+03	2.95E-04	2.73E+03	2.76E+03	8.61E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+01
M-MTG808	1.46E-01	3.66E+01	-1.74E-01	3.73E+01	0.00E+00	0.00E+00	1.25E+02	4.88E-05	2.08E-02	2.24E-01	5.03E-02	5.07E+00	4.39E-08	7.38E-07	1.95E+00	1.42E-01	6.81E-02	2.36E+00	3.77E-01	9.23E-01	2.72E+03	7.98E+00	4.42E-07	8.31E-07	8.37E-02	3.52E-04	4.00E+00	4.98E+00	2.76E+03	2.95E-04	2.76E+03	2.77E+03	1.07E+01	0.00E+00	0.00E+00	0.00E+00	1.68E+01
M-MTG809	1.39E-01	3.70E+01	-2.06E-01	3.84E+01	0.00E+00	0.00E+00	1.30E+02	6.33E-05	2.10E-02	2.27E-01	5.57E-02	5.07E+00	4.69E-08	7.29E-07	1.94E+00	1.63E-01	7.52E-02	2.03E+00	3.98E-01	9.03E-01	2.69E+03	7.77E+00	4.14E-07	8.27E-07	8.41E-02	3.52E-04	3.91E+00	5.52E+00	2.72E+03	2.97E-04	2.72E+03	2.73E+03	1.08E+01	0.00E+00	0.00E+00	0.00E+00	1.68E+01
M-PBV06	1.49E-01	4.71E+00	1.86E-01	4.54E+00	4.08E-07	0.00E+00	7.96E+01	4.00E-06	3.03E-03	3.52E-02	6.87E-03	2.53E-01	2.84E-08	2.35E-06	1.11E+00	3.30E+00	9.30E-03	1.95E-01	1.91E-01	7.76E-01	2.36E+02	4.77E-01	7.41E-07	9.07E-07	1.66E-02	4.64E-04	5.39E+00	6.88E-01	2.91E+02	1.11E-03	2.91E+02	2.84E+02	5.92E+00	0.00E+00	0.00E+00	0.00E+00	8.18E+00
M-PBV08	1.09E-01	7.17E+00	1.12E-01	7.44E+00	4.87E-08	0.00E+00	7.82E+01	1.17E-05	4.83E-03	5.24E-02	1.04E-02	2.53E-01	2.88E-08	1.93E-06	1.17E+00	1.85E+00	1.41E-02	2.14E-01	1.28E-01	6.56E-01	3.23E+02	1.01E+00	4.31E-07	6.71E-07	2.13E-02	4.31E-04	5.05E+00	1.08E+00	3.90E+02	4.84E-04	3.90E+02	4.17E+02	5.20E+00	0.00E+00	0.00E+00	0.00E+00	5.21E+00
M-PBV85	1.56E-01	5.20E+00	1.68E-01	5.03E+00	1.42E-07	0.00E+00	8.27E+01	4.17E-06	3.99E-03	4.74E-02	8.32E-03	2.53E-01	2.99E-08	2.33E-06	1.12E+00	2.45E+00	1.13E-02	2.03E-01	1.87E-01	7.73E-01	2.72E+02	5.17E-01	7.41E-07	8.13E-07	2.20E-02	4.78E-04	5.73E+00	8.13E-01	3.18E+02	1.08E-03	3.18E+02	3.13E+02	6.49E+00	0.00E+00	0.00E+00	0.00E+00	7.94E+00
M-PST16	1.44E-01	1.85E+01	1.03E-01	1.86E+01	4.87E-08	0.00E+00	7.53E+01	1.64E-05	1.53E-02	1.68E-01	2.20E-02	6.48E-01	4.09E-08	1.51E-06	2.22E+00	1.31E+00	2.93E-02	5.95E-01	1.42E-01	6.99E-01	9.28E+02	2.68E+00	4.25E-07	8.16E-07	7.09E-02	4.25E-04	3.94E+00	2.20E+00	9.78E+02	4.42E-04	9.78E+02	9.74E+02	6.41E+00	0.00E+00	0.00E+00	0.00E+00	6.17E+00
M-PST18	1.50E-01	2.56E+01	1.06E-01	2.56E+01	4.87E-08	0.00E+00	8.16E+01	1.62E-05	1.73E-02	1.89E-01	2.53E-02	6.34E-01	4.51E-08	1.46E-06	2.34E+00	1.25E+00	3.39E-02	6.17E-01	1.42E-01	6.96E-01	9.99E+02	3.50E+00	4.55E-07	8.27E-07	8.10E-02	4.27E-04	4.01E+00	2.61E+00	1.06E+03	4.47E-04	1.06E+03	1.07E+03	6.63E+00	0.00E+00	0.00E+00	0.00E+00	6.20E+00
M-PST20	1.62E-01	3.60E+01	9.48E-02	3.50E+01	4.87E-08	0.00E+00	1.04E+02	1.61E-05	2.22E-02	2.44E-01	2.67E-02	6.84E-01	5.04E-08	1.44E-06	2.32E+00	1.19E+00	3.87E-02	6.24E-01	1.43E-01	6.93E-01	1.11E+03	3.80E+00	4.58E-07	9.24E-07	9.75E-02	4.26E-04	4.01E+00	2.65E+00	1.24E+03	4.47E-04	1.24E+03	1.23E+03	6.57E+00	0.00E+00	0.00E+00	0.00E+00	6.24E+00
M-PST22	1.58E-01	3.66E+01	-8.73E-02	3.54E+01	4.87E-08	0.00E+00	1.04E+02	2.29E-05	2.22E-02	2.43E-01	3.01E-02	6.84E-01	3.77E-08	1.44E-06	1.74E+00	1.14E+00	4.04E-02	7.92E-01	1.85E-01	6.82E-01	1.81E+03	3.78E+00	4.58E-07	8.85E-07	9.48E-02	4.22E-04	3.74E+00	2.98E+00	1.89E+03	4.47E-04	1.89E+03	1.89E+03	6.55E+00	0.00E+00	0.00E+00	0.00E+00	8.21E+00
M-PTV04	9.25E-02	2.16E+00	1.10E-01	2.14E+00	3.79E-07	0.00E+00	4.46E+01	4.03E-06	1.85E-03	2.10E-02	3.54E-03	2.49E-01	1.81E-08	1.34E-06	1.01E+00	2.47E+00	4.77E-03	1.17E-01	9.60E-02	4.38E-01	5.33E+01	3.83E-01	4.49E-07	5.30E-07	1.06E-02	3.12E-04	2.75E+00	3.54E-01	6.92E+01	7.44E-04	6.92E+01	5.63E+01	2.99E+00	0.00E+00	0.00E+00	0.00E+00	4.11E+00
M-PTV06	1.23E-01	4.46E+00	1.45E-01	4.33E+00	3.39E-07	0.00E+00	5.66E+01	4.17E-06	2.86E-03	3.25E-02	6.55E-03	2.53E-01	2.43E-08	1.88E-06	1.09E+00	2.73E+00	8.86E-03	1.83E-01	1.53E-01	6.11E-01	2.22E+02	4.27E-01	6.45E-07	7.32E-07	1.48E-02	4.00E-04	4.30E+00	6.55E-01	2.76E+02	9.70E-04	2.76E+02	2.65E+02	4.56E+00	0.00E+00	0.00E+00	0.00E+00	6.58E+00
M-R1003018	6.74E-01	1.54E+02	-5.04E-01	1.75E+02	2.88E-08	0.00E+00	6.65E+02	1.27E-04	1.02E-01	1.05E+00	2.20E-01	6.34E+00	1.89E-07	1.63E-06	4.83E+00	1.24E+00	3.06E-01	5.12E+00	1.30E+00	1.39E+01	6.28E+03	6.78E+00	1.12E-06	4.12E-06	3.82E-01	7.79E-03	1.19E+01	2.39E+01	6.66E+03	1.41E-03	6.66E+03	6.02E+03	3.43E+01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
M-R1003018S	8.14E-01	1.24E+02	-7.14E-01	1.40E+02	9.83E-04	0.00E+00	1.23E+03	2.77E-04	9.05E-02	9.08E-01	1.49E-01	9.38E+01	1.80E-06	1.85E-06	3.08E+01	9.05E+00	2.02E-01	1.17E+01	1.66E+00	3.16E+01	1.21E+04	1.47E+02	3.11E-06	4.82E-06	3.63E-01	1.56E-02	4.70E+01	1.86E+01	1.40E+04	1.06E-03	1.40E+04	1.33E+04	5.09E+01	0.00E+00	0.00E+00	0.00E+00	7.66E+01
M-R1003020	6.85E-01	1.62E+02	-5.07E-01	1.80E+02	2.88E-08	0.00E+00	6.64E+02	1.27E-04	1.07E-01	1.10E+00	2.33E-01	6.34E+00	1.96E-07	1.63E-06	4.83E+00	1.24E+00	3.19E-01	5.13E+00	1.31E+00	1.39E+01	6.71E+03	6.78E+00	1.12E-06	4.15E-06	3.97E-01	7.79E-03	1.19E+01	2.50E+01	7.17E+03	1.41E-03	7.17E+03	6.46E+03	3.48E+01	0.00E+00	0.00E+00	0.00E+00	5.47E+01
M-R1003020L	2.02E+00	5.14E+02	-2.34E+00	5.19E+02	1.25E-05	0.00E+00	1.96E+03	4.53E-04	3.02E-01	3.23E+00	7.17E-01	7.74E+01	6.09E-07	4.83E-06	1.75E+01	1.06E+00	9.74E-01	1.90E+01	4.40E+00	2.35E+01	2.70E+04	6.54E+01	4.35E-06	1.19E-05	1.20E+00	1.19E-02	3.26E+01	7.15E+01	2.69E+04	4.24E-03	2.69E+04	2.74E+04	1.11E+02	0.00E+00	0.00E+00	0.00E+00	1.84E+02
M-R1003020S	8.04E-01	1.23E+02	-1.03E+00	1.43E+02	1.00E-03	0.00E+00	1.41E+03	3.02E-04	9.07E-02	9.18E-01	1.68E-01	1.02E+02	1.99E-07	2.00E-06	3.11E+01	9.01E+00	2.28E-01	1.17E+01	1.77E+00	3.16E+01	1.35E+04	1.46E+02	3.18E-06	4.89E-06	3.72E-01	1.55E-02	4.78E+01	2.16E+01	1.47E+04	1.08E-03	1.47E+04	1.42E+04	5.15E+01	0.00E+00	0.00E+00	0.00E+00	7.28E+01
M-R1003022	6.84E-01	1.62E+02	-5.17E-01	1.81E+02	2.88E-08	0.00E+00	6.64E+02	1.27E-04	1.07E-01	1.10E+00	2.34E-01	6.34E+00	1.98E-07	1.63E-06	4.83E+00	1.24E+00	3.21E-01	5.12E+00	1.31E+00	1.39E+01	6.69E+03	6.78E+00	1.12E-06	4.15E-06	3.97E-01	7.79E-03	1.19E+01	2.51E+01	7.16E+03	1.41E-03	7.16E+03	6.45E+03	3.48E+01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
M-R1003022S	8.25E-01	1.23E+02	-9.31E-01	1.43E+02	9.49E-04	0.00E+00	1.44E+03	3.37E-04	9.13E-02	9.14E-01	1.62E-01	1.03E+02	2.04E-07	2.01E-06	3.42E+01	8.69E+00	2.24E-01	1.19E+01	1.78E+00	3.22E+01	1.34E+04	1.45E+02	3.30E-06	4.96E-06	3.70E-01	1.56E-02	5.78E+01	2.06E+01	1.50E+04	1.15E-03	1.50E+04	1.43E+04	5.29E+01	0.00E+00	0.00E+00	0.00E+00	7.35E+01
M-R1004018	6.74E-01	1.54E+02	-5.04E-01	1.75E+02	2.88E-08	0.00E+00	6.64E+02	1.27E-04	1.02E-01	1.05E+00	2.20E-01	6.34E+00	1.93E-07	1.63E-06	4.83E+00	1.24E+00	3.06E-01	5.12E+00	1.30E+00	1.39E+01	6.28E+03	6.78E+00	1.12E-06	4.12E-06	3.82E-01	7.79E-03	1.19E+01	2.39E+01	6.66E+03	1.41E-03	6.66E+03	6.02E+03	3.43E+01	0.00E+00	0.00E+00	0.00E+00	5.44E+01
M-R1004018S	8.08E-01	1.24E+02	-7.36E-01	1.40E+02	9.63E-04	0.00E+00	1.23E+03	2.73E-04	9.05E-02	9.08E-01	1.49E-01	9.33E+01	1.80E-06	1.85E-06	3.08E+01	9.05E+00	2.00E-01	1.17E+01	1.66E+00	3.16E+01	1.21E+04	1.46E+02	3.08E-06	4.78E-06	3.63E-01	1.56E-02	4.20E+01	1.85E+01	1.40E+04	1.06E-03	1.40E+04	1.34E+04	5.05E+01	0.00E+00	0.00E+00	0.00E+00	7.04E+01
M-R1004020	6.85E-01	1.62E+02	-5.07E-01	1.80E+02	2.88E-08	0.00E+00	6.64E+02	1.27E-04	1.07E-01	1.10E+00	2.33E-01	6.34E+00	1.97E-07	1.63E-06	4.83E+00	1.24E+00	3.19E-01	5.13E+00	1.31E+00	1.39E+01	6.71E+03	6.78E+00	1.12E-06	4.15E-06	3.97E-01	7.79E-03	1.19E+01	2.50E+01	7.17E+03	1.41E-03	7.17E+03	6.46E+03	3.48E+01	0.00E+00	0.00E+00	0.00E+00	5.47E+01
M-R1004020L	2.03E+00	5.13E+02	-2.43E+00	5.16E+02	0.00E+00	0.00E+00	1.99E+03	4.57E-04	3.00E-01	3.24E+00	7.37E-01	6.66E+01	6.17E-07	4.84E-06	1.92E+01	1.11E+00	9.98E-01	2.04E+01	4.27E+00	2.21E+01	2.67E+04	6.78E+01	4.11E-06	1.18E-05	1.20E+00	1.16E-02	3.24E+01	7.31E+01	2.68E+04	4.29E-03	2.68E+04	2.69E+04	1.06E+02	0.00E+00	0.00E+00	0.00E+00	1.84E+02
M-R1004020S	8.04E-01	1.23E+02	-1.04E+00	1.43E+02	9.89E-04	0.00E+00	1.43E+03	2.99E-04	9.07E-02	9.18E-01	1.68E-01	1.01E+02	1.99E-07	2.00E-06	3.11E+01	9.00E+00	2.29E-01	1.18E+01	1.78E+00	3.16E+01	1.35E+04	1.46E+02	3.12E-06	4.87E-06	3.72E-01	1.56E-02	4.19E+01	2.15E+01	1.47E+04	1.07E-03	1.47E+04	1.43E+04	5.11E+01	0.00E+00	0.00E+00	0.00E+00	7.31E+01
M-R1004022	7.06E-01	1.62E+02	-5.27E-01	1.83E+02	2.88E-08	0.00E+00	6.64E+02	1.26E-04	1.07E-01	1.11E+00	2.35E-01	6.34E+00	2.11E-07	1.65E-06	5.23E+00	1.19E+00	3.22E-01	3.62E+00	1.31E+00	1.43E+01	6.73E+03	6.88E+00	1.11E-06	4.03E-06	4.01E-01	8.11E-03	1.28E+01	2.51E+01	7.18E+03	1.50E-03	7.18E+03	6.50E+03	3.70E+01	0.00E+00	0.00E+00	0.00E+00	5.44E+01
M-R1004022S	8.26E-01	1.23E+02	-9.57E-01	1.43E+02	9.41E-04	0.00E+00	1.44E+03	3.34E-04	9.13E-02	9.14E-01	1.63E-01	1.02E+02	2.03E-07	2.01E-06	3.41E+01	8.68E+00	2.26E-01	1.19E+01	1.78E+00	3.22E+01	1.38E+04	1.47E+02	3.27E-06	4.93E-06	3.71E-01	1.56E-02	5.16E+01	2.08E+01	1.50E+04	1.15E-03	1.50E+04	1.43E+04	5.26E+01	0.00E+00	0.00E+00	0.00E+00	7.33E+01
M-R1005018	6.85E-01	1.62E+02	-5.07E-01	1.80E+02	2.88E-08	0.00E+00	6.64E+02	1.27E-04	1.07E-01

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M-R606018	6.75E-01	1.54E+02	-5.02E-01	1.76E+02	2.88E-08	0.00E+00	6.65E+02	1.27E-04	1.02E-01	1.05E+00	2.18E-01	6.34E+00	1.88E-07	1.63E-06	4.83E+00	1.24E+00	3.04E-01	5.12E+00	1.31E+00	1.39E+01	6.32E+03	6.78E+00	1.11E-06	4.12E-06	3.83E-01	7.79E-03	1.19E+01	2.37E+01	6.70E+03	1.41E-03	6.70E+03	6.09E+03	3.43E+01	0.00E+00	0.00E+00	0.00E+00	5.47E+01
M-R606018S	6.88E-01	1.15E+02	-6.03E-01	1.28E+02	9.63E-04	0.00E+00	1.12E+03	2.38E-04	8.34E-02	8.34E-01	1.43E-01	9.33E+01	1.65E-07	1.71E-06	2.99E+01	9.16E+00	1.93E-01	1.00E+01	1.54E+00	2.85E+01	1.09E+04	1.46E+02	2.73E-06	4.32E-06	3.28E-01	1.55E-02	5.93E+01	1.75E+01	1.33E+04	1.02E-03	1.33E+04	1.28E+04	4.93E+01	0.00E+00	0.00E+00	0.00E+00	6.27E+01
M-R606020	6.74E-01	1.54E+02	-5.04E-01	1.75E+02	2.88E-08	0.00E+00	6.64E+02	1.27E-04	1.02E-01	1.05E+00	2.20E-01	6.34E+00	1.93E-07	1.63E-06	4.83E+00	1.24E+00	3.06E-01	5.12E+00	1.30E+00	1.39E+01	6.28E+03	6.78E+00	1.12E-06	4.12E-06	3.82E-01	7.76E-03	1.19E+01	2.39E+01	6.66E+03	1.41E-03	6.66E+03	6.02E+03	3.43E+01	0.00E+00	0.00E+00	0.00E+00	5.44E+01
M-R606020L	1.65E+00	3.98E+02	-1.54E+00	4.00E+02	7.84E-06	0.00E+00	1.58E+03	3.57E-04	2.43E-01	2.53E+00	4.90E-01	7.51E+01	4.37E-07	3.84E-06	1.79E+01	9.79E-01	6.75E-01	1.45E+01	3.15E+00	1.71E+01	1.91E+04	4.72E+01	4.03E-06	9.66E-06	9.25E-01	9.65E-03	2.86E+01	5.30E+01	1.94E+04	3.60E-03	1.94E+04	1.97E+04	8.23E+01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
M-R606020S	7.10E-01	1.16E+02	-8.14E-01	1.31E+02	9.89E-04	0.00E+00	1.28E+03	2.56E-04	8.36E-02	8.40E-01	1.53E-01	1.02E+02	1.74E-07	1.83E-06	2.97E+01	9.09E+00	2.12E-01	1.08E+01	1.61E+00	2.84E+01	1.09E+04	1.47E+02	2.85E-06	4.36E-06	3.36E-01	1.54E-02	5.92E+01	1.89E+01	1.31E+04	1.04E-03	1.31E+04	1.28E+04	4.93E+01	0.00E+00	0.00E+00	0.00E+00	6.44E+01
M-R606022	6.85E-01	1.62E+02	-5.07E-01	1.80E+02	2.88E-08	0.00E+00	6.64E+02	1.27E-04	1.07E-01	1.10E+00	2.33E-01	6.34E+00	1.97E-07	1.63E-06	4.83E+00	1.24E+00	3.19E-01	5.13E+00	1.31E+00	1.39E+01	6.71E+03	6.78E+00	1.12E-06	4.15E-06	3.97E-01	7.79E-03	1.19E+01	2.50E+01	7.17E+03	1.41E-03	7.17E+03	6.46E+03	3.48E+01	0.00E+00	0.00E+00	0.00E+00	5.47E+01
M-R606022S	7.34E-01	1.22E+02	-8.02E-01	1.41E+02	9.63E-04	0.00E+00	1.32E+03	2.85E-04	8.72E-02	8.85E-01	1.53E-01	1.02E+02	1.77E-07	1.91E-06	3.26E+01	8.83E+00	2.18E-01	1.13E+01	1.64E+00	2.86E+01	1.14E+04	1.46E+02	2.94E-06	4.62E-06	3.58E-01	1.56E-02	4.26E+01	1.96E+01	1.33E+04	1.13E-03	1.33E+04	1.30E+04	5.08E+01	0.00E+00	0.00E+00	0.00E+00	6.71E+01
M-R608018	6.74E-01	1.54E+02	-5.04E-01	1.75E+02	2.88E-08	0.00E+00	6.64E+02	1.27E-04	1.02E-01	1.05E+00	2.20E-01	6.34E+00	1.93E-07	1.63E-06	4.83E+00	1.24E+00	3.06E-01	5.12E+00	1.30E+00	1.39E+01	6.28E+03	6.78E+00	1.12E-06	4.12E-06	3.82E-01	7.76E-03	1.19E+01	2.39E+01	6.66E+03	1.41E-03	6.66E+03	6.02E+03	3.43E+01	0.00E+00	0.00E+00	0.00E+00	5.44E+01
M-R608018S	6.98E-01	1.15E+02	-6.23E-01	1.28E+02	9.57E-04	0.00E+00	1.12E+03	2.38E-04	8.37E-02	8.34E-01	1.43E-01	9.33E+01	1.65E-07	1.73E-06	3.00E+01	8.91E+00	1.98E-01	1.02E+01	1.54E+00	2.84E+01	1.10E+04	1.47E+02	2.83E-06	4.41E-06	3.29E-01	1.55E-02	4.18E+01	1.77E+01	1.34E+04	1.11E-03	1.34E+04	1.29E+04	4.97E+01	0.00E+00	0.00E+00	0.00E+00	6.27E+01
M-R608020	6.85E-01	1.62E+02	-5.07E-01	1.80E+02	2.88E-08	0.00E+00	6.64E+02	1.27E-04	1.07E-01	1.10E+00	2.33E-01	6.34E+00	1.97E-07	1.63E-06	4.83E+00	1.24E+00	3.19E-01	5.13E+00	1.31E+00	1.39E+01	6.71E+03	6.78E+00	1.12E-06	4.15E-06	3.97E-01	7.79E-03	1.19E+01	2.50E+01	7.17E+03	1.41E-03	7.17E+03	6.46E+03	3.48E+01	0.00E+00	0.00E+00	0.00E+00	5.47E+01
M-R608020S	7.16E-01	1.16E+02	-8.25E-01	1.31E+02	9.83E-04	0.00E+00	1.29E+03	2.58E-04	8.39E-02	8.40E-01	1.53E-01	1.02E+02	1.75E-07	1.86E-06	2.98E+01	8.84E+00	2.16E-01	1.10E+01	1.61E+00	2.84E+01	1.10E+04	1.46E+02	2.95E-06	4.37E-06	3.37E-01	1.54E-02	4.09E+01	1.91E+01	1.33E+04	1.12E-03	1.33E+04	1.29E+04	5.00E+01	0.00E+00	0.00E+00	0.00E+00	6.47E+01
M-R608022	7.06E-01	1.62E+02	-5.27E-01	1.83E+02	2.88E-08	0.00E+00	6.64E+02	1.26E-04	1.07E-01	1.11E+00	2.35E-01	6.34E+00	2.11E-07	1.65E-06	5.23E+00	1.19E+00	3.22E-01	3.62E+00	1.31E+00	1.43E+01	6.73E+03	6.88E+00	1.11E-06	4.03E-06	4.01E-01	8.11E-03	1.28E+01	2.51E+01	7.18E+03	1.50E-03	7.18E+03	6.50E+03	3.70E+01	0.00E+00	0.00E+00	0.00E+00	5.44E+01
M-R608022S	7.35E-01	1.22E+02	-8.19E-01	1.40E+02	9.10E-04	0.00E+00	1.34E+03	2.88E-04	8.75E-02	8.84E-01	1.53E-01	1.02E+02	1.78E-07	1.91E-06	4.31E-01	8.36E+00	2.18E-01	1.11E+01	1.65E+00	2.85E+01	1.14E+04	1.46E+02	2.94E-06	4.64E-06	3.56E-01	1.56E-02	4.30E+01	1.97E+01	1.33E+04	1.13E-03	1.33E+04	1.31E+04	5.08E+01	0.00E+00	0.00E+00	0.00E+00	6.73E+01
M-R703018	4.53E-01	1.11E+02	-5.00E-01	1.29E+02	2.88E-08	0.00E+00	6.66E+02	1.27E-04	7.53E-02	7.37E-01	1.81E-01	6.34E+00	1.72E-07	1.29E-06	4.83E+00	1.24E+00	2.54E-01	5.12E+00	1.20E+00	1.39E+01	6.30E+03	6.78E+00	1.11E-06	4.04E-06	2.69E-01	7.79E-03	1.19E+01	2.03E+01	6.63E+03	1.41E-03	6.63E+03	6.05E+03	3.43E+01	0.00E+00	0.00E+00	0.00E+00	4.67E+01
M-R703018S	7.15E-01	1.17E+02	-7.21E-01	1.31E+02	1.06E-03	0.00E+00	1.13E+03	2.37E-04	8.36E-02	8.46E-01	1.43E-01	9.17E+01	1.66E-07	1.71E-06	2.10E+01	1.01E+01	1.94E-01	1.08E+01	1.55E+00	2.91E+01	1.09E+04	1.44E+02	2.72E-06	4.32E-06	3.38E-01	1.56E-02	3.22E+01	1.75E+01	1.30E+04	1.11E-03	1.30E+04	1.28E+04	4.53E+01	0.00E+00	0.00E+00	0.00E+00	6.39E+01
M-R703020	6.73E-01	1.54E+02	-5.02E-01	1.76E+02	2.88E-08	0.00E+00	6.65E+02	1.27E-04	1.02E-01	1.05E+00	2.18E-01	6.34E+00	1.88E-07	1.63E-06	4.83E+00	1.24E+00	3.04E-01	5.12E+00	1.31E+00	1.39E+01	6.32E+03	6.78E+00	1.11E-06	4.12E-06	3.83E-01	7.79E-03	1.19E+01	2.37E+01	6.70E+03	1.41E-03	6.70E+03	6.06E+03	3.43E+01	0.00E+00	0.00E+00	0.00E+00	5.47E+01
M-R703020L	1.72E+00	4.15E+02	-1.49E+00	4.09E+02	6.69E-06	0.00E+00	1.65E+03	3.80E-04	2.47E-01	2.68E+00	5.55E-01	7.42E+01	4.95E-07	4.13E-06	1.51E+01	9.36E-01	7.70E-01	1.52E+01	3.35E+00	2.38E+01	2.09E+04	5.77E+01	3.96E-06	1.01E-05	9.95E-01	1.21E-02	3.13E+01	5.71E+01	2.11E+04	3.80E-03	2.11E+04	2.15E+04	9.06E+01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
M-R703020S	7.30E-01	1.18E+02	-9.26E-01	1.35E+02	1.09E-03	0.00E+00	1.31E+03	2.62E-04	8.49E-02	8.57E-01	1.54E-01	9.98E+01	1.82E-07	1.86E-06	2.12E+01	1.00E+01	2.18E-01	1.12E+01	1.67E+00	2.91E+01	1.13E+04	1.44E+02	2.94E-06	4.53E-06	3.47E-01	1.56E-02	3.21E+01	1.97E+01	1.31E+04	1.13E-03	1.31E+04	1.31E+04	4.61E+01	0.00E+00	0.00E+00	0.00E+00	6.80E+01
M-R703022	6.74E-01	1.54E+02	-5.04E-01	1.75E+02	2.88E-08	0.00E+00	6.64E+02	1.27E-04	1.02E-01	1.05E+00	2.20E-01	6.34E+00	1.93E-07	1.63E-06	4.83E+00	1.24E+00	3.06E-01	5.12E+00	1.30E+00	1.39E+01	6.28E+03	6.78E+00	1.12E-06	4.12E-06	3.82E-01	7.76E-03	1.19E+01	2.39E+01	6.66E+03	1.41E-03	6.66E+03	6.02E+03	3.43E+01	0.00E+00	0.00E+00	0.00E+00	5.44E+01
M-R703022S	7.38E-01	1.22E+02	-8.89E-01	1.40E+02	9.61E-04	0.00E+00	1.35E+03	2.87E-04	8.76E-02	8.81E-01	1.48E-01	9.94E+01	1.83E-07	1.88E-06	3.15E+01	9.55E+00	2.12E-01	1.12E+01	1.69E+00	2.94E+01	1.13E+04	1.43E+02	3.00E-06	4.60E-06	3.58E-01	1.60E-02	3.26E+01	1.89E+01	1.31E+04	1.14E-03	1.31E+04	1.31E+04	4.70E+01	0.00E+00	0.00E+00	0.00E+00	6.88E+01
M-R704018	6.75E-01	1.54E+02	-5.02E-01	1.76E+02	2.88E-08	0.00E+00	6.66E+02	1.27E-04	1.02E-01	1.05E+00	2.18E-01	6.34E+00	1.87E-07	1.63E-06	4.83E+00	1.24E+00	3.04E-01	5.12E+00	1.31E+00	1.39E+01	6.32E+03	6.78E+00	1.11E-06	4.12E-06	3.82E-01	7.79E-03	1.19E+01	2.37E+01	6.70E+03	1.41E-03	6.70E+03	6.06E+03	3.43E+01	0.00E+00	0.00E+00	0.00E+00	5.45E+01
M-R704018S	7.15E-01	1.17E+02	-6.89E-01	1.31E+02	1.09E-03	0.00E+00	1.13E+03	2.37E-04	8.41E-02	8.46E-01	1.43E-01	9.44E+01	1.66E-07	1.72E-06	2.17E+01	1.00E+01	1.97E-01	1.09E+01	1.56E+00	2.91E+01	1.11E+04	1.43E+02	2.84E-06	4.38E-06	3.39E-01	1.56E-02	3.22E+01	1.76E+01	1.31E+04	1.11E-03	1.31E+04	1.30E+04	4.57E+01	0.00E+00	0.00E+00	0.00E+00	6.39E+01
M-R704020	6.74E-01	1.54E+02	-5.04E-01	1.75E+02	2.88E-08	0.00E+00	6.64E+02	1.27E-04	1.02E-01	1.05E+00	2.20E-01	6.34E+00	1.89E-07	1.63E-06	4.83E+00	1.24E+00	3.06E-01	5.12E+00	1.30E+00	1.39E+01	6.28E+03	6.78E+00	1.12E-06	4.12E-06	3.82E-01	7.79E-03	1.19E+01	2.39E+01	6.66E+03	1.41E-03	6.66E+03	6.02E+03	3.43E+01	0.00E+00	0.00E+00	0.00E+00	5.44E+01
M-R704020L	1.66E+00	4.01E+02	-1.62E+00	4.03E+02	0.00E+00	0.00E+00	1.71E+03	3.69E-04	2.38E-01	2.58E+00	5.68E-01	6.85E+01	4.91E-07	4.03E-06	1.61E+01	1.01E+00	7.68E-01	1.47E+01	3.20E+00	1.97E+01	2.03E+04	4.97E+01	3.87E-06	9.97E-06	9.62E-01	1.05E-02	3.02E+01	5.63E+01	2.03E+04	3.54E-03	2.03E+04	2.04E+04	8.65E+01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
M-R704020S	7.28E-01	1.18E+02	-9.17E-01	1.35E+02	1.12E-03	0.00E+00	1.31E+03	2.62E-04	8.49E-02	8.57E-01	1.54E-01	1.02E+02	1.82E-07	1.86E-06	2.18E+01	9.97E+00	2.18E-01	1.12E+01	1.67E+00	2.91E+01	1.12E+04	1.44E+02	2.94E-06	4.55E-06	3.47E-01	1.56E-02	3.21E+01	1.96E+01	1.31E+04	1.13E-03	1.31E+04	1.31E+04	4.62E+01	0.00E+00	0.00E+00	0.00E+00	6.80E+01
M-R704022	6.85E-01	1.62E+02	-5.07E-01	1.80E+02	2.88E-08	0.00E+00	6.64E+02	1.27E-04	1.07E-01	1.10E+00	2.33E-01	6.34E+00	1.96E-07	1.63E-06	4.83E+00	1.24E+00	3.19E-01	5.13E+00	1.31E+00	1.39E+01	6.71E+03	6.78E+00	1.12E-06	4.15E-06	3.97E-01	7.79E-03	1.19E+01	2.50E+01	7.17E+03	1.41E-03	7.17E+03	6.46E+03	3.48E+01	0.00E+00	0.00E+00	0.00E+00	5.47E+01
M-R704022S	7.38E-01	1.22E+02	-7.79E-01	1.40E+02	9.87E-04	0.00E+00	1.35E+03	2.87E-04	8.76E-02	8.81E-01	1.48E-01	1.00E+02	1.84E-07	1.88E-06	3.31E+01	9.51E+00	2.11E-01	1.12E+01	1.68E+00	2.94E+01	1.13E+04	1.43E+02	3.09E-06	4.62E-06	3.58E-01	1.60E-02	3.26E+01	1.89E+01	1.31E+04	1.14E-03	1.31E+04	1.31E+04	4.70E+01	0.00E+00	0.00E+00	0.00E+00	6.91E+01
M-R705018	6.75E-01	1.54E+02	-5.02E-01	1.76E+02	2.88E-08	0.00E+00	6.65E+02	1.27E-04	1.02E-01	1.05E+00	2.18E-01	6.34E+00	1.88E-07	1.63E-06	4.83E+00	1.24E+00	3.04E-01	5.12E+00	1.31E+00	1.39E+01	6.32E+03	6.78E+00	1.11E-06	4.12E-06	3.83E-01	7.79E-03	1.19E+01	2.37E+01	6.70E+03	1.41E-03	6.70E+03	6.06E+03	3.43E+01	0.00E+00	0.00E+00	0.00E+00	5.47E+01
M-R705018S	7.16E-01	1.17E+02	-7.05E-01	1.32E+02	1.09E-03	0.00E+00	1.14E+03	2.41E-04	8.41E-02	8.46E-01	1.43E-01	9.44E+01	1.66E-07	1.73E-06	2.17E+01	1.01E+01	1.96E-01	1.09E+01	1.55E+00	2.91E+01	1.11E+04	1.43E+02	2.84E-06	4.46E-06	3.39E-01	1.56E-02	3.22E+01	1.77E+01	1.31E+04	1.13E-03	1.31E+04	1.29E+04	4.57E+01	0.00E+00	0.00E+00	0.00E+00	6.36E+01
M-R705020	6.74E-01	1.54E+02	-5.04E-01	1.75E+02	2.88E-08	0.00E+00	6.64E+02	1.27E-04	1.02E-01	1.05E+00	2.20E-01	6.34E+00	1.93E-07	1.63E-06	4.83E+00	1.24E+00	3.08E-01	5.12E+00	1.30E+00	1.39E+01	6.28E+03	6.78E+00	1.12E-06	4.12E-06	3.82E-01	7.79E-03	1.19E+01	2.39E+01	6.66E+03	1.41E-03	6.66E+03	6.02E+03	3.43E+01	0.00E+00	0.00E+00	0.00E+00	5.44E+01
M-R705020L	1.73E+00	4.16E+02	-1.53E+00	4.15E+02	1.30E-05	0.00E+00	1.68E+03	3.84E-04	2.47E-01	2.69E+00	5.64E-01	7.97E+01	5.08E-07	4.16E-06	1.54E+01	9.72E-01	7.79E-01	1.57E+01	3.38E+00	2.40E+01	2.11E+04	5.87E+01	4.12E-06	1.01E-05	9.99E-01	1.21E-02	3.17E+01	5.78E+01	2.10E+04	3.80E-03	2.10E+04	2.14E+04	9.36E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+02
M-R705020S	7.29E-01	1.18E+02	-9.08E-01	1.35E+02	1.12E-03	0.00E+00	1.31E+03	2.63E-04	8.50E-02	8.76E-01	1.54E-01	1.02E+02	1.82E-07	1.86E-06	2.18E+01	9.97E+00	2.18E-01	1.13E+01	1.67E+00	2.91E+01	1.12E+04	1.44E+02	2.94E-06	4.54E-06	3.47E-01	1.56E-02	3.21E+01	1.96E+01	1.31E+04	1.13E-03	1.31E+04	1.31E+04	4.63E+01	0.00E+00	0.00E+00	0.00E+00	6.80E+01
M-R705022	6.85E-01	1.62E+02	-5.07E-01	1.80E+02	2.88E-08	0.00E+00	6.64E+02	1.27E-04	1.07E-01	1.10E+00	2.33E-01	6.34E+00	1.97E-07	1.63E-06	4.83E+00	1.24E+00	3.19E-01	5.13E+00	1.31E+00	1.39E+01	6.71E+03	6.78E+00	1.12E-06	4.15E-06	3.97E-01	7.79E-03	1.19E+01	2.50E+01	7.17E+03	1.41E-03	7.17E+03	6.46E+03	3.48E+01	0.00E+00	0.00E+00	0.00E+00	5.47E+01
M-R705022S	7.38E-01	1.22E+02	-7.85E-01	1.40E+02	9.87E-04	0.00E+00	1.35E+03	2.87E-04	8.76E-02	8.81E-01	1.48E-01	1.00E+02	1.84E-07	1.88E-06	3.31E+01	9.51E+00	2.11E-01	1.12E+01	1.68E+00	2.94E+01	1.13E+04	1.43E+02	3.09E-06	4.62E-06	3.58E-01	1.60E-02	3.26E+01	1.89E+01	1.32E+04	1.14E-03	1.32E+04	1.31E+04	4.70E+01	0.00E+00	0.00E+00	0.00E+00	6.91E+01
M-R706018	6.74E-01	1.54E+02	-5.04E-01	1.75E+02	2.88E-08	0.00E+00	6.64E+02	1.27E-04	1.02E-01	1.05E+00	2.20E-01	6.34E+00	1.89E-07	1.63E-06	4.83E+00	1.24E+00	3.06E-01	5.12E+00	1.30E+00	1.39E+01	6.28E+03	6.78E+00	1.12E-06	4.12E-06	3.82E-01	7.79E-03	1.19E+01	2.39E+01	6.66E+03	1.41E-03	6.66E+03	6.02E+03	3.43E+01	0.00E+00	0.00E+00	0.00E+00	5.44E+01
M-R706018S	7.16E-01	1.17E+02	-6.87E-01	1.32E+02	1.09E-03	0.00E+00	1.15E+03	2.42E-04	8.41E-02	8.46E-01	1.43E-01	9.44E+01	1.66E-07	1.73E-06	2.18E+01	1.01E+01	1.96E-01	1.09E+01	1.57E+00	2.98E+01	1.10E+04	1.46E+02	2.85E-06	4.48E-06	3.39E-01	1.56E-02	4.15E+01	1.77E+01	1.31E+04	1.13E-03	1.31E+04	1.29E+04	4.97E+01	0.00E+00	0.00E+00	0.00E+00	6.47E+01
M-R706020	6.85E-01	1.62E+02	-5.07E-01	1.80E+02	2.88E-08	0.00E+00	6.64E+02	1.27E-04	1.07E-01	1.10E+00	2.33E-01	6.34E+00	1.99E-07	1.63E-06	4.83E+00	1.24E+00	3.19E-01	5.13E+00	1.31E+00	1.39E+01	6.71E+03	6.78E+00	1.12E-06	4.15E-06	3.97E-01	7.79E-03	1.19E+01	2.50E+01	7.17E+03	1.41E-03	7.17E+03	6.46E+03	3.48E+01	0.00E+00	0.00E+00	0.00E+00	5.47E+01
M-R706020L	1.74E+00	4.18E+02	-1.55E+00	4.18E+02	1.30E-05	0.00E+00	1.71E+03	3.91E-04	2.50E-01	2.71E+00	5.72E-01	8.16E+01	5.13E-07	4.18E-06	1.53E+01	9.74E-01	7.90E-01	1.61E+01	3.41E+00	2.40E+01	2.14E+04	5.94E+01	4.18E-06	1.02E-05	1.01E+00	1.20E-02	3.17E+01	5.82E+01	2.12E+04	3.80E-03	2.12E+04	2.17E+04	9.36E+01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
M-R706020S	7.29E-01	1.18E+02	-8.52E-01	1.35E+02	1.11E-03	0.00E+00	1.33E+03	2.64E-04	8.50E-02	8.76E-01	1.54E-01	1.02E+02	1.83E-07	1.87E-06	2.23E+01	9.98E+00	2.18E-01	1.14E+01	1.68E+00	2.98E+01	1.12E+04	1.47E+02	2.95E-06	4.55E-06	3.48E-01	1.56E-02	4.36E+01	1.97E+01	1.31E+04	1.13E-03	1.31E+04	1.31E+04	5.02E+01	0.00E+00	0.00E+00	0.00E+00	6.94E+01
M-R706022	6.84E-01	1.62E+02	-5.17E-01	1.81E+02	2.88E-08	0.00E+00	6.64E+02	1.27E-04	1.07E-01	1.10E+00	2.34E-01	6.34E+00	1.98E-07	1.63E-06	4.83E+00	1.24E+00	3.21E-01	5.12E+00	1.31E+00	1.39E+01	6.69E+03	6.78E+00	1.12E-06	4.15E-06	3.97E-01	7.79E-03	1.19E+01	2.51E+01	7.16E+03	1.41E-03	7.16E+03	6.45E+03	3.48E+01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
M-R706022S	7.36E-01	1.22E+02	-7.88E-01	1.40E+02	9.80E-04	0.00E+00	1.35E+03	2.89E-04	8.76E-02	8.81E-01	1.48E-01	1.03E+02	1.84E-07	1.88E-06	3.32E+01	9.52E+00	2.11E-01	1.12E+01	1.69E+00	3.01E+01	1.13E+04	1.46E+02	3.11E-06	4.62E-06	3.58E-01	1.56E-02	4.69E+01	1.89E+01	1.32E+04	1.14E-03	1.32E+04	1.31E+04	5.10E+01	0.00E+00	0.00E+00	0.00E+00	7.01E+01
M-R708018	6.85E-01	1.62E+02	-5.07E-01	1.80E+02	2.88E-08	0.00E+00	6.64E+02	1.27E-04	1.07E-01	1.10E+00	2.33E-01	6.34E+00	1.96E-07	1.63E-06	4.83E+00	1.24E+00	3.19E-01	5.13E+00	1.31E+00	1.39E+01	6.71E+03	6.78E+00	1.12E-06	4.15E-06	3.97E-01	7.79E-03	1.19E+01	2.50E+01	7.17E+03	1.41E-03	7.17E+03	6.46E+03	3.48E+01	0.00E+00	0.00E+00	0.00E+00	5.47E+01
M-R708018S	7.19E-01	1.17E+02	-7.29E-01	1.32E+02	1.09E-03	0.00E+00	1.17E+03	2.58E-04	8.41E-02	8.67E-01	1.43E-01	9.44E+01	1.67E-07	1.72E-06	2.27E+01	1.01E+01	1.96E-01	1.12E+01	1.57E+00	2.98E+01	1.11E+04	1.46E+02	2.86E-06	4.48E-06	3.40E-01	1.56E-02	4.32E+01	1.79E+01	1.31E+04	1.13E-03	1.31E+04	1.30E+04	5.01E+01	0.00E+00	0.00E+00	0.00E+00	6.49E+01
M-R708020	6.84E-01	1.62E+02	-5.17E-01	1.81E+02	2.88E-08	0.00E+00	6.64E+02	1.27E-04	1.07E-01	1.10E+00	2.34E-01	6.34E+00	1.98E-07	1.63E-06	4.83E+00	1.24E+00	3.21E-01	5.12E+00	1.31E+00	1.39E+01	6.69E+03	6.78E+00	1.12E-06	4.15E-06	3.97E-01	7.79E-03	1.19E+01	2.51E+01	7.16E+03	1.41E-03	7.16E+03	6.45E+03	3.48E+01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
M-R708020S	7.34E-01	1.18E+02	-8.65E-01	1.35E+02	1.11E-03	0.00E+00	1.34E+03	2.63E-04	8.50E-02	8.76E-01	1.55E-01	1.03E+02	1.84E-07	1.86E-06	2.32E+01	9.99E+00	2.18E-01	1.14E+01	1.69E+00	2.98E+01	1.12E+04	1.47E+02	2.96E-06	4.56E-06	3.48E-01	1.55E-02	4.47E+01	1.98E+01	1.32E+04	1.13E-03	1.32E+04	1.31E+04	5.05E+01	0.00E+00	0.00E+00	0.00E+00	6.94E+01
M-R708022	7.06E-01	1.62E+02	-5.27E-01	1.83E+02	2.88E-08	0.00E+00	6.64E+02	1.26E-04	1.07E-01	1.11E+00	2.35E-01	6.34E+00	2.11E-07	1.64E-06	5.23E+00	1.19E+00	3.22E-01	3.62E+00	1.31E+00	1.43E+01	6.73E+03	6.88E+00	1.11E-06	4.03E-06	4.01E-01	8.12E-03	1.28E+01	2.51E+01	7.18E+03	1.50E-03	7.18E+03	6.50E+03	3.70E+01	0.00E+00	0.00E+00	0.00E+00	5.44E+01
M-R708022S	7.38E-01	1.22E+02	-7.91E-01	1.40E+02	9.80E-04	0.00E+00	1.35E+03	2.89E-04	8.74E-02	8.81E-01	1.48E-01	1.03E+02	1.84E-07	1.88E-06	3.68E+01

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M-RG855020S	7.10E-01	1.20E+02	-1.06E+00	1.40E+02	1.86E-03	0.00E+00	1.39E+03	3.00E-04	8.67E-02	8.84E-01	1.59E-01	9.99E+01	1.88E-07	1.95E-06	2.64E+01	1.11E+01	2.22E-01	1.12E+01	1.73E+00	2.96E+01	1.48E+04	1.48E+02	2.97E-06	4.66E-06	3.56E-01	1.60E-02	4.73E+01	2.04E+01	1.69E+04	1.09E-03	1.69E+04	1.69E+04	5.06E+01	0.00E+00	0.00E+00	0.00E+00	7.20E+01
M-RG855022	6.97E-01	1.63E+02	-5.91E-01	1.82E+02	2.88E-08	0.00E+00	6.20E+02	1.24E-04	1.06E-01	1.09E+00	2.40E-01	6.37E+00	2.14E-07	1.63E-06	5.32E+00	1.13E+00	3.32E-01	4.31E+00	1.29E+00	1.43E+01	7.85E+03	7.35E+00	1.11E-06	3.88E-06	3.96E-01	9.12E-03	1.30E+01	2.53E+01	8.43E+03	1.56E-03	8.43E+03	7.54E+03	3.53E+01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
M-RG855022S	7.71E-01	1.20E+02	-1.05E+00	1.41E+02	1.86E-03	0.00E+00	1.42E+03	3.39E-04	8.83E-02	8.93E-01	1.62E-01	9.99E+01	1.93E-07	1.95E-06	2.79E+01	1.10E+01	2.28E-01	1.12E+01	1.74E+00	2.96E+01	1.54E+04	1.47E+02	3.31E-06	4.87E-06	3.63E-01	1.60E-02	5.71E+01	2.10E+01	1.69E+04	1.09E-03	1.69E+04	1.64E+04	5.16E+01	0.00E+00	0.00E+00	0.00E+00	7.29E+01
M-RG856018	6.99E-01	1.63E+02	-5.51E-01	1.80E+02	2.88E-08	0.00E+00	6.27E+02	1.24E-04	1.06E-01	1.09E+00	2.37E-01	6.37E+00	2.14E-07	1.63E-06	5.32E+00	1.13E+00	3.30E-01	4.27E+00	1.29E+00	1.43E+01	7.25E+03	7.27E+00	1.11E-06	3.89E-06	3.97E-01	8.12E-03	1.30E+01	2.50E+01	7.75E+03	1.53E-03	7.75E+03	7.04E+03	3.56E+01	0.00E+00	0.00E+00	0.00E+00	5.44E+01
M-RG856018S	6.90E-01	1.20E+02	-9.16E-01	1.37E+02	1.86E-03	0.00E+00	1.20E+03	2.73E-04	8.63E-02	8.79E-01	1.49E-01	9.22E+01	1.73E-07	1.77E-06	2.63E+01	1.11E+01	2.10E-01	1.10E+01	1.63E+00	2.96E+01	1.48E+04	1.48E+02	2.90E-06	4.52E-06	3.52E-01	1.60E-02	4.67E+01	1.91E+01	1.65E+04	1.07E-03	1.65E+04	1.64E+04	4.95E+01	0.00E+00	0.00E+00	0.00E+00	6.82E+01
M-RG856020	6.99E-01	1.63E+02	-5.51E-01	1.80E+02	2.88E-08	0.00E+00	6.27E+02	1.24E-04	1.06E-01	1.09E+00	2.37E-01	6.37E+00	2.14E-07	1.63E-06	5.32E+00	1.13E+00	3.30E-01	4.27E+00	1.29E+00	1.43E+01	7.25E+03	7.27E+00	1.11E-06	3.89E-06	3.97E-01	8.12E-03	1.30E+01	2.50E+01	7.75E+03	1.53E-03	7.75E+03	7.04E+03	3.56E+01	0.00E+00	0.00E+00	0.00E+00	5.44E+01
M-RG856020S	7.10E-01	1.20E+02	-1.06E+00	1.40E+02	1.86E-03	0.00E+00	1.39E+03	3.00E-04	8.67E-02	8.84E-01	1.59E-01	9.99E+01	1.88E-07	1.95E-06	2.64E+01	1.11E+01	2.22E-01	1.12E+01	1.73E+00	2.96E+01	1.49E+04	1.48E+02	2.97E-06	4.66E-06	3.56E-01	1.60E-02	4.72E+01	2.04E+01	1.70E+04	1.09E-03	1.70E+04	1.69E+04	5.06E+01	0.00E+00	0.00E+00	0.00E+00	7.20E+01
M-RG856022	6.97E-01	1.63E+02	-5.91E-01	1.82E+02	2.88E-08	0.00E+00	6.20E+02	1.24E-04	1.06E-01	1.09E+00	2.40E-01	6.37E+00	2.17E-07	1.63E-06	5.32E+00	1.13E+00	3.32E-01	4.31E+00	1.29E+00	1.43E+01	7.85E+03	7.35E+00	1.11E-06	3.88E-06	3.96E-01	8.12E-03	1.30E+01	2.53E+01	8.43E+03	1.56E-03	8.43E+03	7.54E+03	3.53E+01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
M-RG856022S	7.72E-01	1.20E+02	-1.06E+00	1.41E+02	1.86E-03	0.00E+00	1.42E+03	3.39E-04	8.83E-02	8.93E-01	1.62E-01	9.99E+01	1.93E-07	1.95E-06	2.79E+01	1.10E+01	2.28E-01	1.12E+01	1.75E+00	2.96E+01	1.54E+04	1.47E+02	3.31E-06	4.88E-06	3.63E-01	1.60E-02	5.71E+01	2.10E+01	1.69E+04	1.09E-03	1.69E+04	1.64E+04	5.16E+01	0.00E+00	0.00E+00	0.00E+00	7.34E+01
M-RG858018	6.97E-01	1.63E+02	-5.91E-01	1.82E+02	2.88E-08	0.00E+00	6.20E+02	1.24E-04	1.06E-01	1.09E+00	2.40E-01	6.37E+00	2.14E-07	1.63E-06	5.32E+00	1.13E+00	3.32E-01	4.31E+00	1.29E+00	1.43E+01	7.85E+03	7.35E+00	1.11E-06	3.88E-06	3.96E-01	8.12E-03	1.30E+01	2.53E+01	8.43E+03	1.56E-03	8.43E+03	7.54E+03	3.53E+01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
M-RG858018S	6.90E-01	1.20E+02	-9.23E-01	1.37E+02	1.86E-03	0.00E+00	1.20E+03	2.73E-04	8.63E-02	8.79E-01	1.49E-01	9.22E+01	1.74E-07	1.77E-06	2.64E+01	1.11E+01	2.10E-01	1.10E+01	1.63E+00	2.96E+01	1.48E+04	1.48E+02	2.92E-06	4.51E-06	3.53E-01	1.60E-02	4.66E+01	1.94E+01	1.66E+04	1.07E-03	1.65E+04	1.65E+04	4.94E+01	0.00E+00	0.00E+00	0.00E+00	6.82E+01
M-RG858020	6.97E-01	1.63E+02	-5.91E-01	1.82E+02	2.88E-08	0.00E+00	6.20E+02	1.24E-04	1.06E-01	1.09E+00	2.40E-01	6.37E+00	2.14E-07	1.63E-06	5.32E+00	1.13E+00	3.32E-01	4.31E+00	1.29E+00	1.43E+01	7.85E+03	7.35E+00	1.11E-06	3.88E-06	3.96E-01	8.12E-03	1.30E+01	2.53E+01	8.43E+03	1.56E-03	8.43E+03	7.54E+03	3.53E+01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
M-RG858020S	7.11E-01	1.20E+02	-1.07E+00	1.40E+02	1.86E-03	0.00E+00	1.40E+03	3.01E-04	8.70E-02	8.87E-01	1.59E-01	9.99E+01	1.88E-07	1.95E-06	2.64E+01	1.11E+01	2.24E-01	1.11E+01	1.74E+00	2.96E+01	1.49E+04	1.47E+02	2.97E-06	4.67E-06	3.57E-01	1.60E-02	4.74E+01	2.06E+01	1.70E+04	1.09E-03	1.70E+04	1.68E+04	5.07E+01	0.00E+00	0.00E+00	0.00E+00	7.25E+01
M-RG858022	6.97E-01	1.63E+02	-5.91E-01	1.82E+02	2.88E-08	0.00E+00	6.20E+02	1.24E-04	1.06E-01	1.09E+00	2.40E-01	6.37E+00	2.17E-07	1.63E-06	5.32E+00	1.13E+00	3.32E-01	4.31E+00	1.29E+00	1.43E+01	7.85E+03	7.35E+00	1.11E-06	3.88E-06	3.96E-01	8.12E-03	1.30E+01	2.53E+01	8.43E+03	1.56E-03	8.43E+03	7.54E+03	3.53E+01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
M-RG858022S	7.76E-01	1.20E+02	-1.07E+00	1.41E+02	1.85E-03	0.00E+00	1.43E+03	3.40E-04	8.84E-02	8.97E-01	1.62E-01	9.99E+01	1.93E-07	1.95E-06	2.79E+01	1.10E+01	2.28E-01	1.13E+01	1.75E+00	2.96E+01	1.58E+04	1.47E+02	3.18E-06	4.71E-06	3.63E-01	1.60E-02	5.83E+01	2.12E+01	1.69E+04	1.09E-03	1.69E+04	1.64E+04	5.18E+01	0.00E+00	0.00E+00	0.00E+00	7.34E+01
M-RG903018	6.78E-01	1.62E+02	-5.29E-01	1.77E+02	2.88E-08	0.00E+00	6.27E+02	1.24E-04	1.06E-01	1.08E+00	2.37E-01	6.37E+00	1.99E-07	1.61E-06	4.93E+00	1.17E+00	3.28E-01	5.67E+00	1.29E+00	1.36E+01	6.69E+03	7.19E+00	1.12E-06	4.01E-06	3.92E-01	7.79E-03	1.21E+01	2.48E+01	7.17E+03	1.41E-03	7.17E+03	6.45E+03	3.34E+01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
M-RG903018S	6.92E-01	1.20E+02	-9.45E-01	1.37E+02	1.86E-03	0.00E+00	1.20E+03	2.73E-04	8.64E-02	8.80E-01	1.48E-01	9.22E+01	1.74E-07	1.80E-06	2.63E+01	1.11E+01	2.10E-01	1.10E+01	1.65E+00	2.96E+01	1.47E+04	1.48E+02	2.91E-06	4.52E-06	3.52E-01	1.60E-02	4.66E+01	1.90E+01	1.64E+04	1.07E-03	1.64E+04	1.63E+04	4.95E+01	0.00E+00	0.00E+00	0.00E+00	6.96E+01
M-RG903020	6.99E-01	1.63E+02	-5.51E-01	1.80E+02	2.88E-08	0.00E+00	6.27E+02	1.24E-04	1.06E-01	1.09E+00	2.37E-01	6.37E+00	2.14E-07	1.63E-06	5.32E+00	1.13E+00	3.30E-01	4.27E+00	1.29E+00	1.43E+01	7.25E+03	7.27E+00	1.11E-06	3.89E-06	3.97E-01	8.12E-03	1.30E+01	2.50E+01	7.75E+03	1.53E-03	7.75E+03	7.04E+03	3.56E+01	0.00E+00	0.00E+00	0.00E+00	5.44E+01
M-RG903020S	7.75E-01	1.20E+02	-1.06E+00	1.41E+02	1.86E-03	0.00E+00	1.41E+03	3.37E-04	8.81E-02	8.95E-01	1.59E-01	9.99E+01	1.91E-07	1.94E-06	2.79E+01	1.10E+01	2.23E-01	1.12E+01	1.73E+00	2.96E+01	1.52E+04	1.49E+02	3.17E-06	4.87E-06	3.60E-01	1.60E-02	5.71E+01	2.04E+01	1.67E+04	1.09E-03	1.67E+04	1.62E+04	5.17E+01	0.00E+00	0.00E+00	0.00E+00	7.29E+01
M-RG903022	6.97E-01	1.63E+02	-5.91E-01	1.82E+02	2.88E-08	0.00E+00	6.20E+02	1.24E-04	1.06E-01	1.09E+00	2.40E-01	6.37E+00	2.14E-07	1.63E-06	5.32E+00	1.13E+00	3.32E-01	4.31E+00	1.29E+00	1.43E+01	7.85E+03	7.35E+00	1.11E-06	3.88E-06	3.96E-01	8.12E-03	1.30E+01	2.53E+01	8.43E+03	1.56E-03	8.43E+03	7.54E+03	3.53E+01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
M-RG903022S	7.68E-01	1.20E+02	-1.13E+00	1.41E+02	1.86E-03	0.00E+00	1.42E+03	3.39E-04	8.80E-02	8.97E-01	1.64E-01	9.99E+01	1.93E-07	1.95E-06	2.79E+01	1.10E+01	2.26E-01	1.12E+01	1.76E+00	2.96E+01	1.58E+04	1.49E+02	3.28E-06	4.87E-06	3.65E-01	1.60E-02	5.69E+01	2.12E+01	1.68E+04	1.09E-03	1.68E+04	1.66E+04	5.16E+01	0.00E+00	0.00E+00	0.00E+00	7.30E+01
M-RG904018	6.76E-01	1.62E+02	-5.29E-01	1.77E+02	2.88E-08	0.00E+00	6.27E+02	1.24E-04	1.05E-01	1.08E+00	2.37E-01	6.37E+00	1.96E-07	1.61E-06	4.93E+00	1.17E+00	3.28E-01	5.67E+00	1.29E+00	1.36E+01	6.69E+03	7.19E+00	1.12E-06	4.01E-06	3.92E-01	7.79E-03	1.21E+01	2.48E+01	7.17E+03	1.41E-03	7.17E+03	6.45E+03	3.34E+01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
M-RG904018S	6.92E-01	1.20E+02	-9.49E-01	1.37E+02	1.86E-03	0.00E+00	1.21E+03	2.74E-04	8.64E-02	8.80E-01	1.48E-01	9.22E+01	1.74E-07	1.80E-06	2.63E+01	1.11E+01	2.10E-01	1.10E+01	1.65E+00	2.96E+01	1.49E+04	1.48E+02	2.91E-06	4.52E-06	3.52E-01	1.60E-02	4.66E+01	1.90E+01	1.65E+04	1.07E-03	1.65E+04	1.64E+04	4.95E+01	0.00E+00	0.00E+00	0.00E+00	6.96E+01
M-RG904020	6.97E-01	1.63E+02	-5.91E-01	1.82E+02	2.88E-08	0.00E+00	6.20E+02	1.24E-04	1.06E-01	1.09E+00	2.40E-01	6.37E+00	2.14E-07	1.63E-06	5.32E+00	1.13E+00	3.32E-01	4.31E+00	1.29E+00	1.43E+01	7.85E+03	7.35E+00	1.11E-06	3.88E-06	3.96E-01	8.12E-03	1.30E+01	2.53E+01	8.43E+03	1.56E-03	8.43E+03	7.54E+03	3.53E+01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
M-RG904020S	7.72E-01	1.20E+02	-1.06E+00	1.41E+02	1.86E-03	0.00E+00	1.41E+03	3.37E-04	8.81E-02	8.95E-01	1.59E-01	9.99E+01	1.91E-07	1.95E-06	2.79E+01	1.10E+01	2.23E-01	1.12E+01	1.73E+00	2.96E+01	1.54E+04	1.48E+02	3.17E-06	4.87E-06	3.60E-01	1.60E-02	5.71E+01	2.05E+01	1.68E+04	1.09E-03	1.68E+04	1.64E+04	5.16E+01	0.00E+00	0.00E+00	0.00E+00	7.29E+01
M-RG904022	6.97E-01	1.63E+02	-5.91E-01	1.82E+02	2.88E-08	0.00E+00	6.20E+02	1.24E-04	1.06E-01	1.09E+00	2.40E-01	6.37E+00	2.14E-07	1.63E-06	5.32E+00	1.13E+00	3.32E-01	4.31E+00	1.29E+00	1.43E+01	7.85E+03	7.35E+00	1.11E-06	3.88E-06	3.96E-01	8.12E-03	1.30E+01	2.53E+01	8.43E+03	1.56E-03	8.43E+03	7.54E+03	3.53E+01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
M-RG904022S	7.71E-01	1.20E+02	-1.14E+00	1.41E+02	1.86E-03	0.00E+00	1.42E+03	3.39E-04	8.83E-02	9.00E-01	1.64E-01	9.99E+01	1.94E-07	1.95E-06	2.79E+01	1.10E+01	2.27E-01	1.12E+01	1.77E+00	2.96E+01	1.59E+04	1.47E+02	3.28E-06	4.88E-06	3.65E-01	1.60E-02	5.68E+01	2.13E+01	1.69E+04	1.09E-03	1.69E+04	1.67E+04	5.16E+01	0.00E+00	0.00E+00	0.00E+00	7.35E+01
M-RG905018	6.76E-01	1.62E+02	-5.39E-01	1.77E+02	2.88E-08	0.00E+00	6.27E+02	1.24E-04	1.05E-01	1.08E+00	2.37E-01	6.37E+00	1.96E-07	1.61E-06	5.20E+00	1.17E+00	3.26E-01	4.27E+00	1.29E+00	1.43E+01	6.69E+03	7.32E+00	1.12E-06	3.86E-06	3.92E-01	8.04E-03	1.30E+01	2.48E+01	7.17E+03	1.39E-03	7.17E+03	6.45E+03	3.48E+01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
M-RG905018S	6.92E-01	1.20E+02	-9.54E-01	1.37E+02	1.86E-03	0.00E+00	1.21E+03	2.74E-04	8.64E-02	8.80E-01	1.49E-01	9.22E+01	1.74E-07	1.80E-06	2.63E+01	1.11E+01	2.10E-01	1.10E+01	1.65E+00	2.96E+01	1.49E+04	1.48E+02	2.91E-06	4.52E-06	3.52E-01	1.60E-02	4.68E+01	1.93E+01	1.65E+04	1.07E-03	1.65E+04	1.64E+04	4.95E+01	0.00E+00	0.00E+00	0.00E+00	6.96E+01
M-RG905020	6.97E-01	1.63E+02	-5.91E-01	1.82E+02	2.88E-08	0.00E+00	6.20E+02	1.24E-04	1.06E-01	1.09E+00	2.40E-01	6.37E+00	2.14E-07	1.63E-06	5.32E+00	1.13E+00	3.32E-01	4.31E+00	1.29E+00	1.43E+01	7.85E+03	7.35E+00	1.11E-06	3.88E-06	3.96E-01	8.12E-03	1.30E+01	2.53E+01	8.43E+03	1.56E-03	8.43E+03	7.54E+03	3.53E+01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
M-RG905020S	7.71E-01	1.20E+02	-1.06E+00	1.41E+02	1.86E-03	0.00E+00	1.41E+03	3.37E-04	8.81E-02	8.95E-01	1.59E-01	9.99E+01	1.92E-07	1.95E-06	2.79E+01	1.10E+01	2.23E-01	1.12E+01	1.73E+00	2.96E+01	1.54E+04	1.48E+02	3.17E-06	4.87E-06	3.60E-01	1.60E-02	5.71E+01	2.05E+01	1.69E+04	1.09E-03	1.69E+04	1.64E+04	5.16E+01	0.00E+00	0.00E+00	0.00E+00	7.29E+01
M-RG905022	6.97E-01	1.63E+02	-5.91E-01	1.82E+02	2.88E-08	0.00E+00	6.20E+02	1.24E-04	1.06E-01	1.09E+00	2.40E-01	6.37E+00	2.17E-07	1.63E-06	5.32E+00	1.13E+00	3.32E-01	4.31E+00	1.29E+00	1.43E+01	7.85E+03	7.35E+00	1.11E-06	3.88E-06	3.96E-01	8.12E-03	1.30E+01	2.53E+01	8.43E+03	1.56E-03	8.43E+03	7.54E+03	3.53E+01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
M-RG905022S	7.74E-01	1.20E+02	-1.15E+00	1.41E+02	1.85E-03	0.00E+00	1.43E+03	3.39E-04	8.84E-02	9.00E-01	1.64E-01	9.99E+01	1.94E-07	1.95E-06	2.79E+01	1.10E+01	2.27E-01	1.12E+01	1.77E+00	2.96E+01	1.59E+04	1.47E+02	3.28E-06	4.88E-06	3.65E-01	1.60E-02	5.69E+01	2.13E+01	1.69E+04	1.09E-03	1.69E+04	1.66E+04	5.16E+01	0.00E+00	0.00E+00	0.00E+00	7.35E+01
M-RG906018	6.99E-01	1.62E+02	-5.37E-01	1.79E+02	2.88E-08	0.00E+00	6.27E+02	1.24E-04	1.06E-01	1.09E+00	2.37E-01	6.37E+00	2.10E-07	1.62E-06	5.32E+00	1.13E+00	3.27E-01	4.27E+00	1.29E+00	1.43E+01	6.73E+03	7.27E+00	1.11E-06	3.90E-06	3.96E-01	8.11E-03	1.30E+01	2.49E+01	7.20E+03	1.50E-03	7.20E+03	6.50E+03	3.55E+01	0.00E+00	0.00E+00	0.00E+00	5.44E+01
M-RG906018S	6.92E-01	1.20E+02	-9.55E-01	1.37E+02	1.86E-03	0.00E+00	1.21E+03	2.74E-04	8.64E-02	8.80E-01	1.49E-01	9.22E+01	1.74E-07	1.80E-06	2.63E+01	1.11E+01	2.10E-01	1.10E+01	1.65E+00	2.96E+01	1.49E+04	1.48E+02	2.91E-06	4.52E-06	3.52E-01	1.60E-02	4.68E+01	1.93E+01	1.65E+04	1.07E-03	1.65E+04	1.64E+04	4.95E+01	0.00E+00	0.00E+00	0.00E+00	6.96E+01
M-RG906020	6.97E-01	1.63E+02	-5.91E-01	1.82E+02	2.88E-08	0.00E+00	6.20E+02	1.24E-04	1.06E-01	1.09E+00	2.40E-01	6.37E+00	2.14E-07	1.63E-06	5.32E+00	1.13E+00	3.32E-01	4.31E+00	1.29E+00	1.43E+01	7.85E+03	7.35E+00	1.11E-06	3.88E-06	3.96E-01	8.12E-03	1.30E+01	2.53E+01	8.43E+03	1.56E-03	8.43E+03	7.54E+03	3.53E+01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
M-RG906020S	7.73E-01	1.20E+02	-1.06E+00	1.41E+02	1.86E-03	0.00E+00	1.42E+03	3.38E-04	8.85E-02	8.97E-01	1.59E-01	9.99E+01	1.92E-07	1.95E-06	2.79E+01	1.10E+01	2.24E-01	1.12E+01	1.74E+00	2.96E+01	1.54E+04	1.47E+02	3.17E-06	4.88E-06	3.61E-01	1.60E-02	5.71E+01	2.08E+01	1.69E+04	1.09E-03	1.69E+04	1.64E+04	5.17E+01	0.00E+00	0.00E+00	0.00E+00	7.29E+01
M-RG906022	6.97E-01	1.63E+02	-5.91E-01	1.82E+02	2.88E-08	0.00E+00	6.20E+02	1.24E-04	1.06E-01	1.09E+00	2.40E-01	6.37E+00	2.17E-07	1.63E-06	5.32E+00	1.13E+00	3.32E-01	4.31E+00	1.29E+00	1.43E+01	7.85E+03	7.35E+00	1.11E-06	3.88E-06	3.96E-01	8.12E-03	1.30E+01	2.53E+01	8.43E+03	1.56E-03	8.43E+03	7.54E+03	3.53E+01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
M-RG906022S	7.75E-01	1.20E+02	-1.15E+00	1.41E+02	1.85E-03	0.00E+00	1.43E+03	3.40E-04	8.84E-02	9.00E-01	1.64E-01	9.99E+01	1.94E-07	1.95E-06	2.79E+01	1.10E+01	2.26E-01	1.12E+01	1.77E+00	2.96E+01	1.63E+04	1.47E+02	3.28E-06	4.89E-06	3.65E-01	1.60E-02	5.70E+01	2.15E+01	1.69E+04	1.09E-03	1.69E+04	1.68E+04	5.16E+01	0.00E+00	0.00E+00	0.00E+00	7.35E+01
M-RG908018	6.99E-01	1.62E+02	-5.37E-01	1.79E+02	2.88E-08	0.00E+00	6.27E+02	1.24E-04	1.06E-01	1.09E+00	2.37E-01	6.37E+00	2.10E-07	1.62E-06	5.32E+00	1.13E+00	3.27E-01	4.27E+00	1.29E+00	1.43E+01	6.73E+03	7.27E+00	1.11E-06	3.90E-06	3.96E-01	8.11E-03	1.30E+01	2.49E+01	7.20E+03	1.50E-03	7.20E+03	6.50E+03	3.56E+01	0.00E+00	0.00E+00	0.00E+00	5.44E+01
M-RG908018S	6.93E-01	1.20E+02	-9.57E-01	1.37E+02	1.86E-03	0.00E+00	1.21E+03	2.75E-04	8.67E-02	8.83E-01	1.49E-01	9.22E+01	1.75E-07	1.80E-06	2.64E+01	1.11E+01	2.11E-01	1.10E+01	1.66E+00	2.96E+01	1.49E+04	1.47E+02	2.92E-06	4.51E-06	3.54E-01	1.60E-02	4.68E+01	1.95E+01	1.66E+04	1.07E-03	1.66E+04	1.65E+04	4.95E+01	0.00E+00	0.00E+00	0.00E+00	6.96E+01
M-RG908020	6.97E-01	1.63E+02	-5.91E-01	1.82E+02	2.88E-08	0.00E+00	6.20E+02	1.24E-04	1.06E-01	1.09E+00	2.40E-01	6.37E+00	2.17E-07	1.63E-06	5.32E+00	1.13E+00	3.32E-01	4.31E+00	1.29E+00	1.43E+01	7.85E+03	7.35E+00	1.11E-06	3.88E-06	3.96E-01	8.12E-03	1.30E+01	2.53E+01	8.43E+03	1.56E-03	8.43E+03	7.54E+03	3.53E+01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
M-RG908020S	7.77E-01	1.20E+02	-1.08E+00	1.41E+02	1.85E-03	0.00E+00	1.42E+03	3.39E-04	8.86E-02	9.01E-01	1.59E-01	9.99E+01	1.92E-07	1.97E-06	2.79E+01	1.10E+01	2.26E-01	1.13E+01	1.74E+00	2.96E+01	1.58E+04	1.47E+02	3.05E-06	4.71E-06	3.61E-01	1.60E-02	5.83E+01	2.06E+01	1.69E+04	1.09E-03	1.69E+04	1.64E+04	5.19E+01	0.00E+00	0.00E+00	0.00E+00	7.34E+01
M-RG908022	6.97E-01	1.63E+02	-5.91E-01	1.82E+02	2.88E-08	0.00E+00	6.20E+02	1.24E-04	1.06E-01	1.09E+00	2.40E-01	6.37E+00	2.17E-07	1.63E-06	5.32E+00	1.13E+00	3.32E-01	4.31E+00	1.29E+00	1.43E+01	7.85E+03	7.35E+00	1.11E-06	3.88E-06	3.96E-01	8.12E-03	1.30E+01	2.53E+01	8.43E+03	1.56E-03	8.43E+03	7.54E+03	3.53E+01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
M-RG908022S	7.75E-01	1.20E+02	-1.15E+00	1.41E+02	1.85E-03	0.00E+00	1.43E+03	3.40E-04	8.84E-02	9.03E-01	1.64E-01	9.99E+01	1.94E-07	1.96E-06	2.79E+01	1.10E+01	2.28E-01	1.13E+01	1.77E+00	2.96E+01	1.63E+04	1.47E+02	3.15E-06	4.75E-06	3.66E-01	1.60E-02	5.80E+01	2.15E+01	1.72E+04	1.09E-03	1.72E+04	1.68E+04	5.19E+01	0.00E+00	0.00E+00	0.00E+00	7.35E+01
M-RT6010018	6.85E-01	1.62E+02	-5.07E-01	1.80E+02	2.88E-08	0.00E+00	6.64E+02	1.27E-04	1.07E-01	1.10E+00	2.33E-01	6.34E+00	1.97E-07	1.63E-06	4.83E+00	1.24E+00	3.19E-01	5.13E+00	1.31E+00	1.39E+01	6.71E+03	6.78E+00	1.12E-06	4.15E-06	3.97E-01	7.79E-03	1.19E+01	2.50E+01	7.17E+03	1.41E-03	7.17E+03	6.46E+03	3.48E+01	0.00E+00	0.00E+00	0.00E+00	5.47E+01
M-RT6010018S	9.65E-01	3.13E+02	-6.09E-01	3.33E+02	1.11E-03	0.00E+00	1.12E+03	2.68E-04	1.77E-01

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M-RW8016	2.73E-01	7.05E+01	-5.00E-01	7.07E+01	3.67E-04	0.00E+00	6.52E+02	7.21E-05	3.91E-02	4.36E-01	1.25E-01	7.79E-01	9.68E-08	6.43E-07	4.91E+00	3.48E+00	1.68E-01	2.95E+00	6.45E-01	9.13E-01	1.05E+04	1.09E+01	5.75E-07	1.46E-06	1.61E-01	5.28E-04	1.17E+01	1.21E+01	9.97E+03	1.25E-03	9.97E+03	1.12E+04	2.09E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E+01
M-RW8018	2.81E-01	7.19E+01	-5.09E-01	7.05E+01	0.00E+00	0.00E+00	5.00E+02	7.37E-05	3.96E-02	4.38E-01	1.41E-01	4.38E-01	1.31E-07	6.82E-07	2.59E+00	2.75E-02	1.92E-01	3.02E+00	7.17E-01	1.03E+00	1.03E+04	4.81E+00	5.57E-07	1.51E-06	1.63E-01	2.08E-04	6.48E+00	1.37E+01	1.03E+04	1.38E-03	1.03E+04	1.09E+04	1.81E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E+01
M-RW8020	2.83E-01	7.21E+01	-5.20E-01	7.11E+01	0.00E+00	0.00E+00	5.00E+02	7.38E-05	3.98E-02	4.43E-01	1.42E-01	4.36E-01	1.39E-07	6.89E-07	2.58E+00	2.76E-02	1.93E-01	3.02E+00	7.61E-01	1.99E+00	9.61E+03	4.82E+00	6.47E-07	1.71E-06	1.64E-01	2.19E-04	6.51E+00	1.39E+01	9.65E+03	1.37E-03	9.65E+03	1.03E+04	2.08E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+01
M-RW8022	2.83E-01	7.21E+01	-5.46E-01	7.11E+01	0.00E+00	0.00E+00	5.02E+02	7.38E-05	3.98E-02	4.43E-01	1.47E-01	4.37E-01	1.42E-07	6.96E-07	2.59E+00	2.76E-02	2.01E-01	3.02E+00	7.75E-01	2.00E+00	9.33E+03	4.89E+00	6.51E-07	1.77E-06	1.64E-01	2.25E-04	6.52E+00	1.46E+01	9.27E+03	1.39E-03	9.27E+03	9.93E+03	2.22E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E+01
M-RW8516	2.73E-01	7.10E+01	-5.07E-01	7.09E+01	3.67E-04	0.00E+00	6.51E+02	7.34E-05	3.92E-02	4.36E-01	1.35E-01	7.91E-01	1.14E-07	6.64E-07	5.14E+00	3.48E+00	1.85E-01	2.95E+00	7.10E-01	1.00E+00	1.06E+04	1.09E+01	5.90E-07	1.45E-06	1.62E-01	5.28E-04	1.18E+01	1.33E+01	1.01E+04	1.34E-03	1.01E+04	1.14E+04	2.13E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E+01
M-RW8518	2.83E-01	7.19E+01	-5.12E-01	7.09E+01	0.00E+00	0.00E+00	5.00E+02	7.37E-05	3.97E-02	4.39E-01	1.41E-01	4.38E-01	1.33E-07	6.84E-07	2.58E+00	2.76E-02	1.92E-01	3.02E+00	7.38E-01	1.99E+00	9.61E+03	4.81E+00	6.45E-07	1.67E-06	1.63E-01	2.19E-04	6.50E+00	1.37E+01	9.65E+03	1.37E-03	9.65E+03	1.03E+04	2.08E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E+01
M-RW8520	2.83E-01	7.21E+01	-5.46E-01	7.11E+01	0.00E+00	0.00E+00	5.02E+02	7.38E-05	3.98E-02	4.43E-01	1.47E-01	4.37E-01	1.42E-07	6.96E-07	2.58E+00	2.76E-02	2.01E-01	3.02E+00	7.75E-01	2.00E+00	9.31E+03	4.86E+00	6.51E-07	1.77E-06	1.64E-01	2.24E-04	6.52E+00	1.46E+01	9.25E+03	1.38E-03	9.25E+03	9.82E+03	2.22E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E+01
M-RW8522	2.83E-01	7.21E+01	-5.53E-01	7.15E+01	0.00E+00	0.00E+00	5.08E+02	7.56E-05	3.98E-02	4.42E-01	1.49E-01	4.37E-01	1.46E-07	7.00E-07	2.60E+00	2.75E-02	2.04E-01	3.07E+00	7.75E-01	2.00E+00	1.01E+04	4.96E+00	6.51E-07	1.77E-06	1.64E-01	2.28E-04	6.50E+00	1.48E+01	1.01E+04	1.41E-03	1.01E+04	1.07E+04	2.22E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E+01
M-RW9018	2.83E-01	7.21E+01	-5.20E-01	7.11E+01	0.00E+00	0.00E+00	5.00E+02	7.38E-05	3.98E-02	4.43E-01	1.42E-01	4.37E-01	1.39E-07	6.89E-07	2.58E+00	2.76E-02	1.93E-01	3.02E+00	7.61E-01	1.99E+00	9.61E+03	4.88E+00	6.47E-07	1.71E-06	1.64E-01	2.19E-04	6.51E+00	1.39E+01	9.65E+03	1.37E-03	9.65E+03	1.03E+04	2.08E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+01
M-RW9020	2.83E-01	7.21E+01	-5.46E-01	7.11E+01	0.00E+00	0.00E+00	5.02E+02	7.38E-05	3.98E-02	4.42E-01	1.49E-01	4.37E-01	1.43E-07	6.96E-07	2.58E+00	2.76E-02	2.03E-01	3.07E+00	7.75E-01	2.00E+00	9.33E+03	4.89E+00	6.51E-07	1.77E-06	1.64E-01	2.25E-04	6.51E+00	1.48E+01	9.27E+03	1.39E-03	9.27E+03	9.94E+03	2.22E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E+01
M-RW9022	5.20E-01	1.44E+02	-6.72E-01	1.55E+02	0.00E+00	0.00E+00	5.02E+02	7.74E-05	8.27E-02	9.20E-01	2.26E-01	4.37E-01	1.71E-07	1.14E-06	2.61E+00	1.66E-02	3.01E-01	3.43E+00	1.23E+00	2.03E+00	1.01E+04	5.23E+00	6.53E-07	1.87E-06	3.40E-01	2.46E-04	6.69E+00	2.22E+01	9.99E+03	1.47E-03	9.99E+03	1.08E+04	3.22E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E+01
M-RWG10018	2.84E-01	7.20E+01	-5.48E-01	7.11E+01	0.00E+00	0.00E+00	5.14E+02	7.97E-05	3.98E-02	4.44E-01	1.49E-01	4.38E-01	1.43E-07	6.95E-07	2.58E+00	2.03E-01	2.03E-01	3.11E+00	7.65E-01	2.01E+00	1.13E+04	4.94E+00	6.51E-07	1.76E-06	1.64E-01	2.24E-04	6.24E+00	1.48E+01	1.09E+04	1.39E-03	1.09E+04	1.14E+04	2.22E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E+01
M-RWG10020	5.20E-01	1.44E+02	-6.72E-01	1.55E+02	0.00E+00	0.00E+00	5.14E+02	8.35E-05	8.27E-02	9.20E-01	2.26E-01	4.97E-01	1.71E-07	1.14E-06	2.61E+00	1.93E-01	3.01E-01	3.51E+00	1.23E+00	2.04E+00	1.18E+04	5.28E+00	6.53E-07	1.87E-06	3.39E-01	2.39E-04	6.40E+00	2.22E+01	1.15E+04	1.47E-03	1.15E+04	1.21E+04	3.21E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E+01
M-RWG10022	5.22E-01	1.44E+02	-6.92E-01	1.55E+02	0.00E+00	0.00E+00	5.09E+02	8.36E-05	8.29E-02	9.26E-01	2.27E-01	4.24E-01	1.79E-07	1.15E-06	2.62E+00	1.93E-01	3.03E-01	3.92E+00	1.24E+00	2.06E+00	1.18E+04	5.42E+00	6.56E-07	2.00E-06	3.39E-01	2.84E-04	6.43E+00	2.24E+01	1.16E+04	1.49E-03	1.16E+04	1.23E+04	3.23E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E+01
M-RWG11118	3.55E-01	9.56E+01	-6.68E-01	1.01E+02	0.00E+00	0.00E+00	5.14E+02	8.39E-05	5.39E-02	5.89E-01	1.77E-01	4.97E-01	1.58E-07	8.51E-07	2.61E+00	1.93E-01	2.39E-01	3.47E+00	9.31E-01	2.04E+00	1.18E+04	5.28E+00	6.53E-07	1.84E-06	2.21E-01	2.39E-04	6.39E+00	1.77E+01	1.15E+04	1.47E-03	1.15E+04	1.21E+04	3.21E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E+01
M-RWG11120	5.22E-01	1.44E+02	-6.92E-01	1.55E+02	0.00E+00	0.00E+00	5.09E+02	8.36E-05	8.29E-02	9.26E-01	2.27E-01	4.24E-01	1.79E-07	1.15E-06	2.62E+00	1.93E-01	3.03E-01	3.92E+00	1.24E+00	2.06E+00	1.18E+04	5.42E+00	6.56E-07	2.00E-06	3.39E-01	2.84E-04	6.43E+00	2.24E+01	1.16E+04	1.49E-03	1.16E+04	1.23E+04	3.23E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E+01
M-RWG11122	5.34E-01	1.52E+02	-7.17E-01	1.60E+02	0.00E+00	0.00E+00	4.97E+02	8.38E-05	8.57E-02	9.54E-01	2.44E-01	4.20E-01	1.85E-07	1.17E-06	2.61E+00	1.93E-01	3.22E-01	3.92E+00	1.29E+00	2.05E+00	1.21E+04	5.70E+00	6.56E-07	2.15E-06	3.50E-01	2.87E-04	6.42E+00	2.40E+01	1.21E+04	1.50E-03	1.21E+04	1.26E+04	3.28E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E+01
M-RWG3018	1.31E-01	4.16E+01	-1.83E-01	4.04E+01	6.86E-07	0.00E+00	1.30E+02	4.69E-05	2.15E-02	2.34E-01	5.57E-02	4.89E-01	4.95E-08	2.59E-07	1.89E+00	2.19E-01	7.56E-02	1.74E+00	5.16E-01	5.59E-01	2.38E+03	4.15E+00	2.03E-07	8.19E-07	8.62E-02	1.95E-04	4.00E+00	5.52E+00	2.38E+03	4.81E-04	2.38E+03	2.42E+03	1.41E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E+01
M-RWG3020	1.41E-01	4.62E+01	-1.83E-01	4.49E+01	0.00E+00	0.00E+00	1.64E+02	4.78E-05	2.48E-02	2.66E-01	6.21E-02	5.28E-01	5.17E-08	2.90E-07	1.91E+00	2.19E-01	8.46E-02	1.81E+00	5.49E-01	5.59E-01	2.67E+03	4.67E+00	2.04E-07	8.56E-07	9.47E-02	1.95E-04	6.38E+00	6.20E+00	2.69E+03	5.20E-04	2.69E+03	2.67E+03	1.49E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+01
M-RWG3022	1.47E-01	4.85E+01	-2.08E-01	4.86E+01	0.00E+00	0.00E+00	2.03E+02	6.28E-05	2.61E-02	2.82E-01	6.98E-02	5.52E-01	5.83E-08	3.18E-07	1.99E+00	2.19E-01	9.54E-02	2.00E+00	5.63E-01	5.78E-01	2.70E+03	5.14E+00	2.68E-07	9.02E-07	1.01E-01	1.95E-04	6.52E+00	7.16E+00	2.75E+03	5.41E-04	2.75E+03	2.76E+03	1.51E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+01
M-RWG3518	1.43E-01	4.77E+01	-1.84E-01	4.69E+01	0.00E+00	0.00E+00	1.82E+02	5.94E-05	2.53E-02	2.73E-01	6.39E-02	5.28E-01	5.38E-08	3.02E-07	1.92E+00	2.19E-01	8.71E-02	1.89E+00	5.50E-01	5.59E-01	2.69E+03	4.86E+00	2.04E-07	8.57E-07	9.69E-02	1.95E-04	6.52E+00	6.35E+00	2.72E+03	5.22E-04	2.72E+03	2.72E+03	1.49E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+01
M-RWG3520	1.48E-01	4.95E+01	-2.08E-01	4.96E+01	0.00E+00	0.00E+00	2.07E+02	6.28E-05	2.66E-02	2.86E-01	7.22E-02	5.48E-01	6.17E-08	3.40E-07	2.05E+00	2.19E-01	9.86E-02	2.08E+00	5.63E-01	5.78E-01	2.80E+03	5.16E+00	2.86E-07	9.24E-07	1.03E-01	1.95E-04	6.23E+00	7.35E+00	2.82E+03	5.59E-04	2.82E+03	2.92E+03	1.52E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+01
M-RWG3522	2.03E-01	6.08E+01	-2.56E-01	6.16E+01	0.00E+00	0.00E+00	3.02E+02	6.41E-05	3.32E-02	3.54E-01	7.59E-02	5.42E-01	6.54E-08	4.55E-07	2.22E+00	2.19E-01	1.04E-01	2.17E+00	5.68E-01	6.06E-01	5.10E+03	4.74E+00	3.41E-07	1.01E-06	1.26E-01	1.99E-04	5.68E+00	7.45E+00	4.52E+03	5.93E-04	4.52E+03	4.43E+03	1.54E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+01
M-RWG4018	1.48E-01	4.95E+01	-2.35E-01	4.96E+01	0.00E+00	0.00E+00	2.07E+02	6.28E-05	2.67E-02	2.87E-01	7.24E-02	5.48E-01	6.18E-08	3.41E-07	2.05E+00	2.19E-01	9.91E-02	2.15E+00	5.63E-01	5.78E-01	2.79E+03	5.16E+00	2.86E-07	9.24E-07	1.03E-01	1.95E-04	5.00E+00	7.36E+00	2.82E+03	5.68E-04	2.82E+03	2.92E+03	1.52E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+01
M-RWG4020	2.03E-01	6.07E+01	-2.56E-01	6.14E+01	0.00E+00	0.00E+00	4.36E+02	6.41E-05	3.31E-02	3.54E-01	7.62E-02	5.44E-01	6.60E-08	4.54E-07	2.22E+00	2.19E-01	1.04E-01	2.18E+00	5.57E-01	6.06E-01	5.08E+03	4.74E+00	3.57E-07	1.01E-06	1.26E-01	1.99E-04	5.68E+00	7.49E+00	4.51E+03	6.00E-04	4.51E+03	4.39E+03	1.54E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+01
M-RWG4022	2.20E-01	6.14E+01	-3.03E-01	6.22E+01	0.00E+00	0.00E+00	5.04E+02	6.64E-05	3.41E-02	3.60E-01	9.28E-02	5.71E-01	7.11E-08	4.61E-07	2.21E+00	2.19E-01	1.24E-01	2.37E+00	5.48E-01	6.06E-01	5.63E+03	4.79E+00	3.71E-07	1.04E-06	1.29E-01	1.99E-04	5.71E+00	9.01E+00	5.13E+03	6.75E-04	5.13E+03	5.21E+03	1.55E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+01
M-RWG4518	2.03E-01	6.07E+01	-2.56E-01	6.14E+01	0.00E+00	0.00E+00	4.36E+02	6.41E-05	3.31E-02	3.54E-01	7.62E-02	5.44E-01	6.60E-08	4.54E-07	2.22E+00	2.19E-01	1.04E-01	2.18E+00	5.57E-01	6.06E-01	5.08E+03	4.74E+00	3.57E-07	1.01E-06	1.26E-01	1.99E-04	5.68E+00	7.49E+00	4.51E+03	6.00E-04	4.51E+03	4.39E+03	1.54E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+01
M-RWG4520	2.21E-01	6.16E+01	-3.05E-01	6.24E+01	0.00E+00	0.00E+00	5.05E+02	6.64E-05	3.42E-02	3.62E-01	9.30E-02	5.70E-01	7.12E-08	4.62E-07	2.21E+00	2.21E-01	1.24E-01	2.37E+00	5.49E-01	6.16E-01	6.94E+03	4.79E+00	3.71E-07	1.05E-06	1.29E-01	1.99E-04	5.72E+00	9.10E+00	6.29E+03	6.75E-04	6.29E+03	6.52E+03	1.56E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+01
M-RWG4522	2.54E-01	6.41E+01	-3.45E-01	6.50E+01	0.00E+00	0.00E+00	4.87E+02	7.24E-05	3.64E-02	3.89E-01	9.72E-02	5.70E-01	7.64E-08	4.94E-07	2.21E+00	2.18E-01	1.30E-01	2.48E+00	5.67E-01	6.18E-01	1.21E+04	4.81E+00	3.66E-07	1.14E-06	1.39E-01	2.01E-04	5.76E+00	9.52E+00	1.17E+04	9.33E-04	1.17E+04	1.21E+04	1.59E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E+01
M-RWG5018	2.20E-01	6.14E+01	-3.03E-01	6.22E+01	0.00E+00	0.00E+00	5.04E+02	6.64E-05	3.41E-02	3.60E-01	9.28E-02	5.71E-01	7.11E-08	4.61E-07	2.21E+00	2.19E-01	1.24E-01	2.37E+00	5.48E-01	6.06E-01	5.63E+03	4.79E+00	3.71E-07	1.04E-06	1.29E-01	1.99E-04	5.71E+00	9.01E+00	5.13E+03	6.75E-04	5.13E+03	5.21E+03	1.55E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+01
M-RWG5020	2.54E-01	6.41E+01	-3.31E-01	6.50E+01	0.00E+00	0.00E+00	4.87E+02	7.24E-05	3.64E-02	3.89E-01	9.70E-02	5.70E-01	7.64E-08	4.94E-07	2.21E+00	2.18E-01	1.29E-01	2.48E+00	5.67E-01	6.18E-01	1.21E+04	4.81E+00	3.66E-07	1.14E-06	1.39E-01	2.01E-04	5.76E+00	9.31E+00	1.17E+04	9.33E-04	1.17E+04	1.21E+04	1.59E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E+01
M-RWG5022	2.68E-01	6.93E+01	-4.41E-01	6.95E+01	0.00E+00	0.00E+00	5.07E+02	7.43E-05	3.79E-02	4.23E-01	1.11E-01	4.85E-01	8.29E-08	6.10E-07	2.21E+00	2.03E-01	1.46E-01	2.66E+00	6.12E-01	6.32E-01	1.21E+04	4.81E+00	4.70E-07	1.30E-06	1.55E-01	2.01E-04	5.77E+00	1.11E+01	1.19E+04	1.02E-03	1.19E+04	1.21E+04	1.66E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E+01
M-RWG6012	1.47E-01	4.85E+01	-2.08E-01	4.87E+01	0.00E+00	0.00E+00	2.06E+02	6.28E-05	2.62E-02	2.83E-01	7.09E-02	5.52E-01	5.91E-08	3.29E-07	2.05E+00	2.19E-01	9.70E-02	2.09E+00	5.63E-01	5.78E-01	2.76E+03	5.16E+00	2.72E-07	9.02E-07	1.01E-01	1.95E-04	5.23E+00	7.24E+00	2.80E+03	5.41E-04	2.80E+03	2.84E+03	1.51E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+01
M-RWG6018	2.68E-01	6.90E+01	-4.27E-01	6.88E+01	0.00E+00	0.00E+00	5.07E+02	7.51E-05	3.78E-02	4.23E-01	1.08E-01	4.85E-01	8.11E-08	6.06E-07	2.21E+00	2.03E-01	1.41E-01	2.66E+00	6.07E-01	6.23E-01	1.21E+04	4.81E+00	4.62E-07	1.29E-06	1.55E-01	2.01E-04	5.82E+00	1.08E+01	1.19E+04	9.94E-04	1.19E+04	1.21E+04	1.65E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E+01
M-RWG6020	2.69E-01	7.01E+01	-4.86E-01	6.97E+01	0.00E+00	0.00E+00	5.02E+02	7.81E-05	3.85E-02	4.29E-01	1.20E-01	4.87E-01	8.68E-08	6.25E-07	2.22E+00	2.03E-01	1.62E-01	2.73E+00	6.23E-01	6.33E-01	1.21E+04	4.83E+00	4.54E-07	1.38E-06	1.57E-01	2.01E-04	5.82E+00	1.15E+01	1.19E+04	1.03E-03	1.19E+04	1.22E+04	1.70E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E+01
M-RWG6022	2.81E-01	7.15E+01	-5.09E-01	7.09E+01	0.00E+00	0.00E+00	5.01E+02	8.00E-05	3.94E-02	4.38E-01	1.29E-01	4.98E-01	1.02E-07	6.63E-07	2.35E+00	2.03E-01	1.77E-01	2.93E+00	6.92E-01	8.05E-01	1.23E+04	4.83E+00	5.05E-07	1.44E-06	1.62E-01	2.02E-04	6.19E+00	1.26E+01	1.21E+04	1.33E-03	1.21E+04	1.25E+04	1.80E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E+01
M-RWG6520	2.74E-01	7.06E+01	-5.07E-01	7.05E+01	3.67E-04	0.00E+00	6.76E+02	7.90E-05	3.92E-02	4.37E-01	1.29E-01	8.50E-01	1.02E-07	6.81E-07	4.92E+00	3.59E+00	1.75E-01	3.00E+00	6.98E-01	1.02E+00	1.24E+04	1.09E+01	5.79E-07	1.44E-06	1.62E-01	5.28E-04	1.18E+01	1.26E+01	1.19E+04	1.32E-03	1.19E+04	1.28E+04	2.12E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E+01
M-RWG6520M	2.74E-01	7.06E+01	-5.11E-01	7.05E+01	3.29E-04	0.00E+00	6.85E+02	7.96E-05	3.92E-02	4.37E-01	1.31E-01	8.50E-01	1.03E-07	6.81E-07	4.93E+00	3.17E+00	1.75E-01	3.01E+00	6.96E-01	8.51E+00	1.25E+04	1.13E+01	5.79E-07	1.45E-06	1.62E-01	5.20E-03	1.20E+01	1.26E+01	1.19E+04	1.37E-03	1.19E+04	1.28E+04	2.12E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E+01
M-RWG6522	2.75E-01	7.13E+01	-5.07E-01	7.09E+01	3.67E-04	0.00E+00	6.85E+02	7.88E-05	3.94E-02	4.40E-01	1.41E-01	8.50E-01	1.30E-07	6.79E-07	5.17E+00	3.59E+00	1.90E-01	3.13E+00	7.13E-01	1.25E+00	1.25E+04	1.09E+01	6.39E-07	1.51E-06	1.62E-01	5.50E-04	1.16E+01	1.37E+01	1.19E+04	1.37E-03	1.19E+04	1.28E+04	2.12E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E+01
M-RWG6522M	2.75E-01	7.13E+01	-5.11E-01	7.09E+01	3.29E-04	0.00E+00	6.89E+02	7.93E-05	3.94E-02	4.40E-01	1.43E-01	8.50E-01	1.31E-07	6.79E-07	5.17E+00	3.17E+00	1.90E-01	3.15E+00	7.13E-01	8.65E+00	1.26E+04	1.14E+01	6.39E-07	1.52E-06	1.62E-01	5.22E-03	1.20E+01	1.37E+01	1.20E+04	1.42E-03	1.20E+04	1.28E+04	2.12E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E+01
M-RWG7018	2.81E-01	7.10E+01	-5.01E-01	7.07E+01	0.00E+00	0.00E+00	5.02E+02	7.87E-05	3.94E-02	4.38E-01	1.24E-01	4.87E-01	9.71E-08	6.45E-07	2.33E+00	2.03E-01	1.70E-01	2.93E+00	6.34E-01	7.07E-01	1.22E+04	4.83E+00	5.01E-07	1.46E-06	1.61E-01	2.02E-04	6.09E+00	1.22E+01	1.19E+04	1.29E-03	1.19E+04	1.23E+04	1.75E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E+01
M-RWG7020	2.81E-01	7.18E+01	-5.09E-01	7.09E+01	0.00E+00	0.00E+00	4.97E+02	7.98E-05	3.96E-02	4.38E-01	1.35E-01	4.98E-01	1.16E-07	6.74E-07	2.59E+00	2.03E-01	1.87E-01	2.93E+00	7.05E-01	8.05E-01	1.23E+04	4.85E+00	5.16E-07	1.46E-06	1.62E-01	2.02E-04	6.20E+00	1.34E+01	1.21E+04	1.37E-03	1.21E+04	1.25E+04	1.80E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E+01
M-RWG7022	2.84E-01	7.18E+01	-5.12E-01	7.09E+01	0.00E+00	0.00E+00	5.13E+02	7.97E-05	3.98E-02	4.41E-01	1.41E-01	4.98E-01	1.33E-07	6.84E-07	2.59E+00	2.03E-01	1.92E-01	3.06E+00	7.26E-01	2.00E+00	1.15E+04	4.86E+00	6.47E-07	1.70E-06	1.63E-01	2.18E-04	6.31E+00	1.37E+01	1.14E+04	1.38E-03	1.14E+04	1.18E+04	2.08E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E+01
M-RWG8018	2.82E-01	7.18E+01	-5.09E-01	7.09E+01	0.00E+00	0.00E+00	5.13E+02	7.98E-05	3.96E-02	4.40E-01	1.41E-01	4.98E-01	1.31E-07	6.82E-07	2.59E+00	2.03E-01	1.92E-01	3.06E+00	7.08E-01	1.94E+00	1.23E+04	4.85E+00	5.81E-07	1.50E-06	1.63E-01	2.05E-04	6.18E+00	1.37E+01	1.21E+04	1.38E-03	1.21E+04	1.24E+04	1.80E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E+01
M-RWG8020	2.84E-01	7.20E+01	-5.19E-01	7.11E+01	0.00E+00	0.00E+00	5.13E+02	7.97E-05	3.98E-02	4.44E-01	1.42E-01	4.95E-01	1.39E-07	6.89E-07	2.58E+00	2.03E-01	1.93E-01	3.06E+00	7.50E-01	2.00E+00	1.15E+04	4.87E+00	6.47E-07	1.70E-06	1.64E-01	2.18E-04	6.24E+00	1.39E+01	1.14E+04	1.38E-03	1.14E+04	1.18E+04	2.08E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E+01
M-RWG8022

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M-TL6018	4.08E-01	1.17E+02	-4.21E-01	1.12E+02	4.55E-04	0.00E+00	5.87E+02	1.37E-04	6.39E-02	7.00E-01	1.03E-01	3.99E+01	9.16E-08	1.10E-06	3.32E+00	1.25E+00	1.41E-01	8.98E+00	1.15E+00	1.76E+00	5.94E+03	2.20E+01	1.54E-05	2.41E-06	2.64E-01	8.09E-04	8.27E+00	1.09E+01	5.69E+03	5.81E-04	5.69E+03	5.94E+03	1.84E+01	0.00E+00	0.00E+00	0.00E+00	4.86E+01
M-TL6020	4.07E-01	1.17E+02	-9.43E-01	1.13E+02	4.73E-04	0.00E+00	6.26E+02	1.49E-04	6.43E-02	6.95E-01	1.49E-01	4.33E+01	1.09E-07	1.13E-06	3.28E+00	1.27E+00	2.18E-01	8.92E+00	1.14E+00	2.28E+00	6.09E+03	2.44E+01	1.66E-05	2.48E-06	2.68E-01	1.15E-03	8.18E+00	1.83E+01	5.90E+03	6.22E-04	5.92E+03	5.95E+03	2.14E+01	0.00E+00	0.00E+00	0.00E+00	4.98E+01
M-TL6022	4.15E-01	1.20E+02	-5.03E-01	1.16E+02	4.55E-04	0.00E+00	7.63E+02	1.44E-04	6.46E-02	7.03E-01	1.49E-01	4.31E+01	1.16E-07	1.17E-06	4.48E+00	1.26E+00	2.09E-01	9.08E+00	1.20E+00	2.47E+00	6.38E+03	2.31E+01	1.73E-05	2.55E-06	2.69E-01	1.16E-03	8.44E+00	1.48E+01	6.02E+03	6.93E-04	6.02E+03	6.40E+03	2.29E+01	0.00E+00	0.00E+00	0.00E+00	5.23E+01
M-TL7018	4.08E-01	1.17E+02	-4.28E-01	1.13E+02	4.55E-04	0.00E+00	5.93E+02	1.39E-04	6.43E-02	6.96E-01	1.21E-01	3.97E+01	1.04E-07	1.10E-06	4.25E+00	1.26E+00	1.72E-01	9.00E+00	1.15E+00	2.08E+00	6.00E+03	2.28E+01	1.70E-05	2.43E-06	2.62E-01	9.88E-04	8.40E+00	1.32E+01	5.89E+03	6.40E-04	5.89E+03	5.98E+03	2.23E+01	0.00E+00	0.00E+00	0.00E+00	4.94E+01
M-TL7020	4.15E-01	1.20E+02	-9.46E-01	1.16E+02	4.73E-04	0.00E+00	8.01E+02	1.50E-04	6.49E-02	7.03E-01	1.67E-01	4.32E+01	1.21E-07	1.21E-06	4.48E+00	1.27E+00	2.56E-01	9.04E+00	1.20E+00	2.47E+00	7.09E+03	2.45E+01	1.76E-05	2.55E-06	2.73E-01	1.16E-03	8.43E+00	2.03E+01	6.93E+03	6.93E-04	6.93E+03	7.29E+03	2.32E+01	0.00E+00	0.00E+00	0.00E+00	5.30E+01
M-TL7022	4.52E-01	1.26E+02	-5.33E-01	1.22E+02	4.55E-04	0.00E+00	7.95E+02	1.48E-04	6.86E-02	7.33E-01	1.56E-01	4.54E+01	1.31E-07	1.45E-06	4.56E+00	1.26E+00	2.22E-01	9.44E+00	1.40E+00	3.32E+00	7.01E+03	2.43E+01	1.85E-05	2.52E-06	2.95E-01	1.22E-03	8.60E+00	1.58E+01	6.97E+03	7.00E-04	6.97E+03	7.33E+03	2.57E+01	0.00E+00	0.00E+00	0.00E+00	6.18E+01
M-TL8018	4.16E-01	1.20E+02	-5.04E-01	1.16E+02	4.55E-04	0.00E+00	7.68E+02	1.44E-04	6.46E-02	7.03E-01	1.48E-01	3.97E+01	1.15E-07	1.17E-06	4.49E+00	1.26E+00	2.08E-01	9.13E+00	1.20E+00	2.27E+00	6.98E+03	2.28E+01	1.67E-05	2.52E-06	2.70E-01	9.93E-04	8.45E+00	1.48E+01	6.92E+03	6.88E-04	6.92E+03	7.30E+03	2.31E+01	0.00E+00	0.00E+00	0.00E+00	5.27E+01
M-TL8020	4.52E-01	1.26E+02	-1.03E+00	1.22E+02	4.73E-04	0.00E+00	8.36E+02	1.54E-04	6.86E-02	7.33E-01	1.74E-01	4.56E+01	1.36E-07	1.47E-06	4.56E+00	1.27E+00	2.71E-01	9.44E+00	1.40E+00	3.32E+00	7.39E+03	2.57E+01	1.87E-05	3.28E-06	2.99E-01	1.22E-03	8.60E+00	2.12E+01	6.97E+03	7.00E-04	6.97E+03	7.99E+03	2.57E+01	0.00E+00	0.00E+00	0.00E+00	6.25E+01
M-TL8022	4.53E-01	1.26E+02	-5.72E-01	1.22E+02	4.55E-04	0.00E+00	8.03E+02	1.52E-04	6.88E-02	7.35E-01	1.66E-01	4.54E+01	1.37E-07	1.45E-06	4.60E+00	1.26E+00	2.38E-01	9.56E+00	1.42E+00	3.38E+00	7.59E+03	2.47E+01	1.88E-05	3.22E-06	2.95E-01	1.22E-03	8.60E+00	1.68E+01	7.01E+03	7.02E-04	7.01E+03	8.25E+03	2.59E+01	0.00E+00	0.00E+00	0.00E+00	6.33E+01
M-TL8518	4.39E-01	1.22E+02	-5.31E-01	1.18E+02	4.55E-04	0.00E+00	8.07E+02	1.48E-04	6.62E-02	7.12E-01	1.52E-01	4.15E+01	1.23E-07	1.25E-06	4.54E+00	1.26E+00	2.17E-01	9.60E+00	1.35E+00	2.59E+00	7.03E+03	2.40E+01	1.71E-05	2.64E-06	2.80E-01	1.01E-03	8.58E+00	1.54E+01	6.96E+03	6.94E-04	6.96E+03	7.34E+03	2.34E+01	0.00E+00	0.00E+00	0.00E+00	5.93E+01
M-TL8520	4.53E-01	1.26E+02	-1.05E+00	1.22E+02	4.73E-04	0.00E+00	8.41E+02	1.55E-04	6.87E-02	7.35E-01	1.77E-01	4.56E+01	1.37E-07	1.47E-06	4.57E+00	1.27E+00	2.74E-01	9.55E+00	1.42E+00	3.35E+00	7.48E+03	2.60E+01	1.88E-05	3.28E-06	2.99E-01	1.22E-03	8.59E+00	2.15E+01	7.00E+03	7.01E-04	7.00E+03	7.98E+03	2.58E+01	0.00E+00	0.00E+00	0.00E+00	6.39E+01
M-TL8522	4.53E-01	1.26E+02	-5.98E-01	1.22E+02	4.55E-04	0.00E+00	8.03E+02	1.52E-04	6.88E-02	7.35E-01	1.66E-01	4.54E+01	1.37E-07	1.45E-06	5.18E+00	1.26E+00	2.36E-01	9.56E+00	1.42E+00	3.36E+00	8.22E+03	2.47E+01	1.86E-05	3.22E-06	2.95E-01	1.22E-03	8.60E+00	1.68E+01	7.88E+03	7.02E-04	7.88E+03	8.52E+03	2.63E+01	0.00E+00	0.00E+00	0.00E+00	6.33E+01
M-TL9018	4.55E-01	1.26E+02	-5.32E-01	1.22E+02	4.55E-04	0.00E+00	8.00E+02	1.48E-04	6.87E-02	7.33E-01	1.55E-01	4.19E+01	1.30E-07	1.45E-06	4.57E+00	1.26E+00	2.21E-01	9.64E+00	1.40E+00	3.09E+00	7.28E+03	2.40E+01	1.77E-05	3.17E-06	2.95E-01	1.05E-03	8.63E+00	1.57E+01	6.96E+03	6.94E-04	6.96E+03	7.97E+03	2.58E+01	0.00E+00	0.00E+00	0.00E+00	6.18E+01
M-TL9020	4.53E-01	1.26E+02	-1.05E+00	1.22E+02	4.73E-04	0.00E+00	8.41E+02	1.55E-04	6.87E-02	7.35E-01	1.82E-01	4.56E+01	1.37E-07	1.47E-06	4.75E+00	1.27E+00	2.76E-01	9.55E+00	1.42E+00	3.35E+00	7.73E+03	2.60E+01	1.88E-05	3.28E-06	2.99E-01	1.22E-03	8.59E+00	2.19E+01	7.00E+03	7.01E-04	7.00E+03	8.24E+03	2.58E+01	0.00E+00	0.00E+00	0.00E+00	6.39E+01
M-TL9022	4.51E-01	1.25E+02	-6.27E-01	1.21E+02	4.55E-04	0.00E+00	8.26E+02	1.69E-04	6.83E-02	7.29E-01	1.70E-01	4.54E+01	1.39E-07	1.44E-06	5.18E+00	1.26E+00	2.41E-01	9.51E+00	1.42E+00	3.36E+00	8.57E+03	2.55E+01	1.86E-05	3.16E-06	2.94E-01	1.22E-03	8.55E+00	1.72E+01	8.27E+03	7.02E-04	8.27E+03	8.91E+03	2.63E+01	0.00E+00	0.00E+00	0.00E+00	6.32E+01
M-TLW6012	2.45E-01	7.32E+01	-5.29E-01	7.55E+01	3.05E-04	0.00E+00	4.64E+02	9.80E-05	4.12E-02	4.47E-01	1.46E-01	2.28E+01	1.29E-07	5.77E-07	8.75E+00	9.76E-01	2.02E-01	2.37E+00	9.42E-01	2.29E+00	6.80E+03	9.60E+00	8.13E-07	1.58E-06	1.62E-01	3.08E-04	6.12E+00	1.49E+01	6.40E+03	7.52E-04	6.40E+03	6.31E+03	2.01E+01	0.00E+00	0.00E+00	0.00E+00	4.25E+01
M-TLW6018	5.21E-01	1.45E+02	-6.13E-01	1.48E+02	3.05E-04	0.00E+00	7.76E+02	1.42E-04	8.23E-02	8.85E-01	2.03E-01	2.44E+01	1.58E-07	1.12E-06	9.46E+00	9.97E-01	2.73E-01	7.97E+00	1.34E+00	3.03E+00	8.16E+03	2.17E+01	1.43E-05	3.15E-06	3.27E-01	9.88E-04	7.55E+00	2.02E+01	7.85E+03	9.02E-04	7.85E+03	7.74E+03	2.83E+01	0.00E+00	0.00E+00	0.00E+00	5.82E+01
M-TLW6020	5.67E-01	1.80E+02	-7.09E-01	1.73E+02	3.05E-04	0.00E+00	8.62E+02	1.75E-04	9.62E-02	9.96E-01	2.34E-01	4.34E+01	1.74E-07	1.42E-06	9.89E+00	9.98E-01	2.96E-01	8.16E+00	1.47E+00	3.06E+00	9.28E+03	2.20E+01	1.81E-05	4.24E-06	3.79E-01	1.27E-03	7.61E+00	2.33E+01	9.19E+03	9.97E-04	9.19E+03	8.91E+03	3.05E+01	0.00E+00	0.00E+00	0.00E+00	5.96E+01
M-TLW6022	5.12E-01	1.48E+02	-7.14E-01	1.52E+02	3.05E-04	0.00E+00	7.86E+02	1.54E-04	8.29E-02	8.83E-01	2.05E-01	4.14E+01	1.61E-07	1.16E-06	9.41E+00	1.00E+00	2.76E-01	8.56E+00	1.36E+00	3.11E+00	9.40E+03	2.25E+01	1.62E-05	3.22E-06	3.30E-01	1.28E-03	7.72E+00	2.02E+01	9.09E+03	9.28E-04	9.09E+03	8.98E+03	2.78E+01	0.00E+00	0.00E+00	0.00E+00	5.83E+01
M-TLW8018	5.82E-01	1.82E+02	-6.97E-01	1.72E+02	3.05E-04	0.00E+00	8.87E+02	1.78E-04	9.75E-02	1.01E+00	2.36E-01	2.93E+01	1.76E-07	1.45E-06	1.09E+01	1.02E+00	2.96E-01	8.84E+00	1.48E+00	3.25E+00	8.29E+03	2.30E+01	1.78E-05	4.28E-06	3.89E-01	1.12E-03	7.73E+00	2.37E+01	8.21E+03	9.73E-04	8.21E+03	7.99E+03	3.17E+01	0.00E+00	0.00E+00	0.00E+00	6.01E+01
M-TLW8020	4.77E-01	1.57E+02	-7.02E-01	1.44E+02	3.05E-04	0.00E+00	8.15E+02	1.66E-04	8.14E-02	8.50E-01	1.84E-01	4.34E+01	1.38E-07	1.27E-06	1.10E+01	1.01E+00	2.24E-01	9.71E+00	1.34E+00	1.81E+00	8.27E+03	2.32E+01	1.78E-05	3.96E-06	3.27E-01	1.19E-03	7.91E+00	1.89E+01	8.07E+03	7.67E-04	8.07E+03	7.87E+03	2.55E+01	0.00E+00	0.00E+00	0.00E+00	5.34E+01
M-TLW8022	5.84E-01	1.83E+02	-8.65E-01	1.78E+02	3.05E-04	0.00E+00	9.61E+02	2.08E-04	9.87E-02	1.02E+00	2.42E-01	4.37E+01	1.95E-07	1.52E-06	1.09E+01	1.03E+00	3.05E-01	9.84E+00	1.64E+00	3.43E+00	9.93E+03	2.69E+01	1.95E-05	4.42E-06	3.91E-01	1.32E-03	7.86E+00	2.42E+01	9.79E+03	1.03E-03	9.79E+03	9.59E+03	3.25E+01	0.00E+00	0.00E+00	0.00E+00	6.73E+01
M-TLW9018	5.87E-01	1.83E+02	-7.96E-01	1.73E+02	3.05E-04	0.00E+00	9.56E+02	2.01E-04	9.82E-02	1.02E+00	2.38E-01	2.93E+01	1.87E-07	1.47E-06	1.09E+01	1.03E+00	3.00E-01	9.67E+00	1.55E+00	3.46E+00	8.60E+03	2.53E+01	1.84E-05	4.34E-06	3.91E-01	1.15E-03	7.88E+00	2.41E+01	8.53E+03	9.83E-04	8.53E+03	8.30E+03	3.26E+01	0.00E+00	0.00E+00	0.00E+00	6.34E+01
M-TLW9020	5.91E-01	1.85E+02	-8.69E-01	1.80E+02	3.05E-04	0.00E+00	9.61E+02	2.08E-04	9.87E-02	1.03E+00	2.46E-01	4.36E+01	1.97E-07	1.53E-06	1.13E+01	1.02E+00	3.05E-01	9.84E+00	1.64E+00	3.43E+00	9.77E+03	2.69E+01	1.95E-05	4.45E-06	3.96E-01	1.32E-03	7.86E+00	2.49E+01	9.67E+03	1.03E-03	9.67E+03	9.43E+03	3.25E+01	0.00E+00	0.00E+00	0.00E+00	6.73E+01
M-TLW9022	5.84E-01	1.83E+02	-9.38E-01	1.78E+02	3.05E-04	0.00E+00	9.65E+02	2.13E-04	9.90E-02	1.03E+00	2.45E-01	4.37E+01	1.97E-07	1.54E-06	1.09E+01	1.03E+00	3.06E-01	1.04E+01	1.64E+00	3.43E+00	1.01E+04	2.70E+01	1.95E-05	4.43E-06	3.91E-01	1.32E-03	8.06E+00	2.48E+01	9.78E+03	1.03E-03	9.78E+03	9.78E+03	3.44E+01	0.00E+00	0.00E+00	0.00E+00	6.73E+01
M-TLWV8018	5.82E-01	1.82E+02	-6.97E-01	1.72E+02	3.05E-04	0.00E+00	8.87E+02	1.78E-04	9.75E-02	1.01E+00	2.36E-01	2.93E+01	1.76E-07	1.45E-06	1.09E+01	1.02E+00	2.96E-01	8.84E+00	1.48E+00	3.25E+00	8.29E+03	2.30E+01	1.78E-05	4.28E-06	3.89E-01	1.12E-03	7.73E+00	2.37E+01	8.21E+03	9.73E-04	8.21E+03	7.99E+03	3.17E+01	0.00E+00	0.00E+00	0.00E+00	6.01E+01
M-TLWV8020	5.82E-01	1.84E+02	-8.28E-01	1.77E+02	3.05E-04	0.00E+00	9.40E+02	2.01E-04	9.76E-02	1.02E+00	2.42E-01	4.35E+01	1.91E-07	1.47E-06	1.13E+01	1.02E+00	3.02E-01	9.65E+00	1.56E+00	3.36E+00	9.62E+03	2.58E+01	1.92E-05	4.36E-06	3.92E-01	1.31E-03	7.85E+00	2.47E+01	9.53E+03	1.03E-03	9.53E+03	9.30E+03	3.17E+01	0.00E+00	0.00E+00	0.00E+00	6.32E+01
M-TLWV8022	5.84E-01	1.83E+02	-8.65E-01	1.78E+02	3.05E-04	0.00E+00	9.61E+02	2.08E-04	9.87E-02	1.02E+00	2.42E-01	4.37E+01	1.95E-07	1.52E-06	1.09E+01	1.03E+00	3.05E-01	9.84E+00	1.64E+00	3.43E+00	9.93E+03	2.69E+01	1.95E-05	4.42E-06	3.91E-01	1.32E-03	7.86E+00	2.42E+01	9.79E+03	1.03E-03	9.79E+03	9.59E+03	3.25E+01	0.00E+00	0.00E+00	0.00E+00	6.73E+01
M-TLWV9018	5.87E-01	1.83E+02	-7.96E-01	1.73E+02	3.05E-04	0.00E+00	9.59E+02	2.01E-04	9.82E-02	1.02E+00	2.38E-01	2.93E+01	1.87E-07	1.47E-06	1.09E+01	1.02E+00	3.00E-01	9.67E+00	1.55E+00	3.46E+00	8.60E+03	2.53E+01	1.84E-05	4.34E-06	3.91E-01	1.15E-03	7.88E+00	2.41E+01	8.53E+03	9.83E-04	8.53E+03	8.30E+03	3.26E+01	0.00E+00	0.00E+00	0.00E+00	6.34E+01
M-TLWV9020	5.91E-01	1.85E+02	-8.69E-01	1.80E+02	3.05E-04	0.00E+00	9.61E+02	2.08E-04	9.87E-02	1.03E+00	2.46E-01	4.36E+01	1.97E-07	1.53E-06	1.13E+01	1.02E+00	3.05E-01	9.84E+00	1.64E+00	3.43E+00	9.77E+03	2.69E+01	1.95E-05	4.45E-06	3.96E-01	1.32E-03	7.86E+00	2.49E+01	9.67E+03	1.03E-03	9.67E+03	9.43E+03	3.25E+01	0.00E+00	0.00E+00	0.00E+00	6.73E+01
M-TLWV9022	5.84E-01	1.83E+02	-9.38E-01	1.78E+02	3.05E-04	0.00E+00	9.65E+02	2.13E-04	9.90E-02	1.03E+00	2.45E-01	4.37E+01	1.97E-07	1.54E-06	1.09E+01	1.03E+00	3.06E-01	1.04E+01	1.64E+00	3.43E+00	1.01E+04	2.70E+01	1.95E-05	4.43E-06	3.91E-01	1.32E-03	8.06E+00	2.48E+01	9.78E+03	1.03E-03	9.78E+03	9.78E+03	3.44E+01	0.00E+00	0.00E+00	0.00E+00	6.73E+01
M-TSE6012	3.42E-01	1.22E+02	-3.54E-01	1.12E+02	6.89E-04	0.00E+00	4.66E+02	1.47E-04	6.06E-02	6.48E-01	1.20E-01	3.18E+01	1.04E-07	1.14E-06	6.67E+00	1.99E+00	1.26E-01	7.51E+00	1.15E+00	1.48E+00	7.36E+03	1.31E+01	1.69E-06	3.71E-06	2.47E-01	1.01E-03	7.43E+00	1.22E+01	7.48E+03	3.98E-04	7.48E+03	6.80E+03	2.21E+01	0.00E+00	0.00E+00	0.00E+00	4.43E+01
M-TSE6018	3.1E-01	8.71E+01	-4.83E-01	8.92E+01	6.89E-04	0.00E+00	6.35E+02	1.18E-04	4.82E-02	5.35E-01	1.21E-01	2.55E+01	9.16E-08	8.39E-07	4.36E+00	1.97E+00	1.66E-01	7.46E+00	1.00E+00	1.28E+00	7.23E+03	1.83E+01	1.30E-06	2.46E-06	1.91E-01	8.74E-04	7.43E+00	1.23E+01	7.09E+03	5.45E-04	7.09E+03	6.78E+03	1.93E+01	0.00E+00	0.00E+00	0.00E+00	4.17E+01
M-TSE6020	4.49E-01	1.48E+02	-5.56E-01	1.37E+02	6.89E-04	0.00E+00	7.59E+02	1.50E-04	7.66E-02	8.02E-01	1.73E-01	4.69E+01	1.26E-07	1.27E-06	5.34E+00	1.97E+00	2.18E-01	7.65E+00	1.16E+00	1.69E+00	7.43E+03	1.85E+01	1.65E-06	3.80E-06	3.03E-01	1.15E-03	7.65E+00	1.77E+01	7.46E+03	7.60E-04	7.46E+03	7.05E+03	2.35E+01	0.00E+00	0.00E+00	0.00E+00	4.42E+01
M-TSE6022	4.08E-01	1.16E+02	-5.67E-01	1.18E+02	6.89E-04	0.00E+00	7.64E+02	1.28E-04	6.54E-02	7.10E-01	1.52E-01	4.48E+01	1.19E-07	1.01E-06	4.86E+00	1.97E+00	2.08E-01	7.97E+00	1.05E+00	3.02E+00	7.72E+03	1.95E+01	1.62E-06	2.96E-06	2.58E-01	1.18E-03	7.87E+00	1.56E+01	6.81E+04	7.55E-04	6.81E+04	7.31E+03	2.24E+01	0.00E+00	0.00E+00	0.00E+00	4.42E+01
M-TSE8018	4.69E-01	1.54E+02	-6.24E-01	1.42E+02	6.89E-04	0.00E+00	8.65E+02	1.55E-04	8.03E-02	8.34E-01	1.93E-01	3.17E+01	1.44E-07	1.32E-06	6.17E+00	1.82E+00	2.41E-01	8.03E+00	1.20E+00	3.16E+00	5.95E+03	2.08E+01	1.80E-05	3.96E-06	3.20E-01	1.07E-03	8.23E+00	1.95E+01	6.26E+03	7.54E-04	6.26E+03	6.04E+03	2.64E+01	0.00E+00	0.00E+00	0.00E+00	4.63E+01
M-TSE8020	4.79E-01	1.56E+02	-7.21E-01	1.45E+02	6.89E-04	0.00E+00	9.37E+02	1.94E-04	8.06E-02	8.53E-01	2.01E-01	4.72E+01	1.59E-07	1.33E-06	6.98E+00	1.82E+00	2.50E-01	8.92E+00	1.26E+00	3.31E+00	6.70E+03	2.36E+01	1.92E-06	4.08E-06	3.25E-01	1.21E-03	8.42E+00	2.09E+01	7.02E+03	7.51E-04	7.02E+03	6.82E+03	2.73E+01	0.00E+00	0.00E+00	0.00E+00	4.97E+01
M-TSE8022	5.61E-01	1.76E+02	-8.10E-01	1.70E+02	6.89E-04	0.00E+00	9.60E+02	2.03E-04	9.46E-02	9.92E-01	2.31E-01	4.75E+01	1.77E-07	1.56E-06	6.42E+00	1.82E+00	2.94E-01	9.30E+00	1.63E+00	3.46E+00	7.14E+03	2.65E+01	1.98E-06	4.42E-06	3.75E-01	1.23E-03	8.45E+00	2.33E+01	7.47E+03	7.55E-04	7.47E+03	7.22E+03	3.08E+01	0.00E+00	0.00E+00	0.00E+00	6.54E+01
M-TSE9018	5.65E-01	1.77E+02	-7.55E-01	1.69E+02	6.89E-04	0.00E+00	9.46E+02	1.96E-04	9.45E-02	1.00E+00	2.25E-01	3.18E+01	1.69E-07	1.52E-06	6.33E+00	1.82E+00	2.86E-01	9.40E+00	1.55E+00	3.42E+00	7.03E+03	2.49E+01	1.87E-06	4.34E-06	3.77E-01	1.11E-03	8.64E+00	2.30E+01	7.36E+03	7.72E-04	7.36E+03	7.12E+03	3.07E+01	0.00E+00	0.00E+00	0.00E+00	6.19E+01
M-TSE9020	5.69E-01	1.78E+02	-8.14E-01	1.73E+02	6.89E-04	0.00E+00	9.60E+02	2.03E-04	9.46E-02	1.00E+00	2.35E-01	4.79E+01	1.79E-07	1.57E-06	6.96E+00	1.82E+00	2.94E-01	9.30E+00	1.63E+00	3.46E+00	7.15E+03	2.65E+01	1.98E-06	4.46E-06	3.80E-01	1.23E-03	8.45E+00	2.40E+01	7.48E+03	7.61E-04	7.48E+03	7.22E+03	3.08E+01	0.00E+00	0.00E+00	0.00E+00	6.54E+01
M-TSE9022	5.79E-01	1.83E+02	-9.13E-01	1.76E+02	6.89E-04	0.00E+00	9.72E+02	2.13E-04	9.79E-02	1.04E+00	2.42E-01	4.74E+01	1.86E-07	1.58E-06	6.38E+00	1.83E+00	3.06E-01	9.82E+00	1.63E+00	3.51E+00	7.55E+03	2.73E+01	1.99E-06	4.47E-06	3.87E-01	1.24E-03	8.51E+00	2.47E+01	7.71E+03	7.57E-04	7.71E+03	7.65E+03	3.32E+01	0.00E+00	0.00E+00	0.00E+00	6.58E+01
M-TSEG6012	2.26E-01	6.94E+01	-2.98E-01	7.08E+01	6.89E-04	0.00E+00	3.53E+02	8.29E-05	3.67E-02	4.13E-01	7.96E-02	2.40E+01	7.92E-08	7.46E-07	3.99E+00	1.93E+00	1.07E-01	3.56E+00	8.23E-01	9.85E-01	5.69E+03	1.04E+01	6.78E-07	1.13E-06	1.46E-01	8.03E-04	5.53E+00	8.07E+00	5.53E+03	3.24E-04	5.53E+03	4.83E+03	1.77E+01	0.00E+00	0.00E+00	0.00E+00	3.58E+01
M-TSEG6018	3.38E-01	9.46E+01	-4.97E-01	9.59E+01	6.89E-04	0.00E+00	6.28E+02	1.18E-04	5.22E-02	5.78E-01	1.28E-01	2.58E+01	9.87E-08	8.82E-07	4.41E+00	1.94E+00	1.75E-01	7.66E+00	1.00E+00	1.34E+00	7.15E+03	1.83E+01	1.30E-06	2.55E-06	2.07E-01	9.66E-04	7.59E+00	1.30E+01	7.02E+03	6.44E-04	7.02E+03	6.65E+03	1.95E+01	0.00E+00	0.00E+00	0.00E+00	4.17E+01
M-TSEG6020	4.50E-01	1.48E+02	-5.91E-01	1.37E+02	6.89E-04	0.00E+00	8.35E+02	1.51E-04	7.67E-02	8.02E-01	1.80E-01	4.67E+01	1.33E-07	1.26E-06	5.34E+00	1.93E+00	2.24E-01	7.61E+00	1.16E+00	2.04E+00	7.17E+03	1.92E+01	1.72E-06	3.83E-06	3.03E-01	1.16E-03	7.68E+00	1.82E+01	7.28E+03	7.60E-04	7.28E+03	6.76E+03	2.38E+01	0.00E+00	0.00E+00	0.00E+00	4.43E+01
M-TSEG6022	4.08E-01	1.16E+02	-5.68E-01	1.18E+02	6.89E-04	0.00E+00	7.55E+02	1.27E-04	6.54E-02	7.13E-01	1.52E-01	4.47E+01	1.19E-07	1.01E-06	4.87E+00	1.94E+00	2.08E-01	8.03E+00	1.05E+00	3.09E+00	7.25E+03	1.96E+01	1.62E-06	2.90E-06	2.58E-01	1.16E-03	7.84E+00	1.50E+01	7.16E+03	6.78E-04	7.16E+03	6.81E+03	2.26E+01	0.00E+00	0.00E+00	0.00E+00	4.42E+01
M-TSEG8018	4.72E-01	1.54E+02	-6.88E-01	1.43E+02	6.89E-04	0.00E+00	9.46E+02	1.89E-04	8.04E-02	8.36E-01	1.98E-01	3.18E+01	1.57E-07	1.33E-06	6.27E+00	1.96E+00	2.49E-01	8.97E+00	1.25E+00	3.35E+00	8.01E+03	2.31E+01	1.84E-06	3.98E-06	3.20E-01	1.16E-03	7.98E+00	2.01E+01	8.14E+03	7.91E-04	8.14E+03	7.74E+03	2.73E+01	0.00E+00	0.00E+00	0.00E+00	4.93E+01
M-TSEG8020	5.60E-01	1.79E+02	-7.63E-01	1.70E+02	6.89E-04	0.00E+

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U-AM704TB160-4	2.39E-01	3.22E+01	1.78E-01	3.18E+01	3.88E-07	0.00E+00	2.94E+02	3.47E-05	3.03E-02	1.36E-01	4.89E-02	2.53E-01	5.34E-08	2.54E-06	1.35E+00	3.33E+00	6.40E-02	4.07E-01	3.77E-01	7.71E-01	5.28E+02	2.64E+00	1.08E-06	1.84E-06	9.06E-02	4.37E-04	5.33E+00	3.48E+00	5.39E+02	1.29E-03	5.39E+02	1.16E+03	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.56E+00
U-AM704TB250-4	2.39E-01	3.22E+01	1.78E-01	3.18E+01	3.88E-07	0.00E+00	2.94E+02	3.47E-05	3.03E-02	1.36E-01	4.89E-02	2.53E-01	5.34E-08	2.54E-06	1.35E+00	3.33E+00	6.40E-02	4.07E-01	3.77E-01	7.71E-01	5.28E+02	2.64E+00	1.08E-06	1.84E-06	9.06E-02	4.37E-04	5.33E+00	3.48E+00	5.39E+02	1.29E-03	5.39E+02	1.16E+03	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.56E+00
U-AM704TB400-3	2.57E-01	3.77E+01	1.78E-01	3.52E+01	3.88E-07	0.00E+00	3.02E+02	3.44E-05	3.38E-02	1.51E-01	5.54E-02	2.53E-01	5.61E-08	2.62E-06	1.35E+00	3.32E+00	6.77E-02	1.90E-01	3.76E-01	7.19E-01	5.27E+02	2.20E+00	1.09E-06	1.92E-06	9.76E-02	4.45E-04	5.26E+00	3.66E+00	5.36E+02	1.30E-03	5.36E+02	1.15E+03	8.55E+00	0.00E+00	0.00E+00	0.00E+00	9.50E+00
U-AM704TB630-3	2.57E-01	3.77E+01	1.78E-01	3.52E+01	3.88E-07	0.00E+00	3.02E+02	3.44E-05	3.38E-02	1.51E-01	5.54E-02	2.53E-01	5.61E-08	2.62E-06	1.35E+00	3.32E+00	6.77E-02	1.90E-01	3.76E-01	7.19E-01	5.27E+02	2.20E+00	1.09E-06	1.92E-06	9.76E-02	4.45E-04	5.26E+00	3.66E+00	5.36E+02	1.30E-03	5.36E+02	1.15E+03	8.55E+00	0.00E+00	0.00E+00	0.00E+00	9.50E+00
U-AM704TBH125-4	2.39E-01	3.22E+01	1.78E-01	3.18E+01	3.88E-07	0.00E+00	2.94E+02	3.47E-05	3.03E-02	1.36E-01	4.89E-02	2.53E-01	5.34E-08	2.54E-06	1.35E+00	3.33E+00	6.40E-02	4.07E-01	3.77E-01	7.71E-01	5.28E+02	2.64E+00	1.08E-06	1.84E-06	9.06E-02	4.37E-04	5.33E+00	3.48E+00	5.39E+02	1.29E-03	5.39E+02	1.16E+03	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.56E+00
U-AM704TBP125-4	2.39E-01	3.22E+01	1.78E-01	3.18E+01	3.88E-07	0.00E+00	2.94E+02	3.47E-05	3.03E-02	1.36E-01	4.89E-02	2.53E-01	5.34E-08	2.54E-06	1.35E+00	3.33E+00	6.40E-02	4.07E-01	3.77E-01	7.71E-01	5.28E+02	2.64E+00	1.08E-06	1.84E-06	9.06E-02	4.37E-04	5.33E+00	3.48E+00	5.39E+02	1.29E-03	5.39E+02	1.16E+03	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.56E+00
U-AM704TBS125-4	2.39E-01	3.22E+01	1.78E-01	3.18E+01	3.88E-07	0.00E+00	2.94E+02	3.47E-05	3.03E-02	1.36E-01	4.89E-02	2.53E-01	5.34E-08	2.54E-06	1.35E+00	3.33E+00	6.40E-02	4.07E-01	3.77E-01	7.71E-01	5.28E+02	2.64E+00	1.08E-06	1.84E-06	9.06E-02	4.37E-04	5.33E+00	3.48E+00	5.39E+02	1.29E-03	5.39E+02	1.16E+03	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.56E+00
U-AM704TPF160-4	2.39E-01	3.22E+01	1.78E-01	3.18E+01	3.88E-07	0.00E+00	2.94E+02	3.47E-05	3.03E-02	1.36E-01	4.89E-02	2.53E-01	5.34E-08	2.54E-06	1.35E+00	3.33E+00	6.40E-02	4.07E-01	3.77E-01	7.71E-01	5.28E+02	2.64E+00	1.08E-06	1.84E-06	9.06E-02	4.37E-04	5.33E+00	3.48E+00	5.39E+02	1.29E-03	5.39E+02	1.16E+03	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.56E+00
U-AM704TPF250-4	2.39E-01	3.22E+01	1.78E-01	3.18E+01	3.88E-07	0.00E+00	2.94E+02	3.47E-05	3.03E-02	1.36E-01	4.89E-02	2.53E-01	5.34E-08	2.54E-06	1.35E+00	3.33E+00	6.40E-02	4.07E-01	3.77E-01	7.71E-01	5.28E+02	2.64E+00	1.08E-06	1.84E-06	9.06E-02	4.37E-04	5.33E+00	3.48E+00	5.39E+02	1.29E-03	5.39E+02	1.16E+03	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.56E+00
U-AM705ETB160-4	2.39E-01	3.24E+01	1.78E-01	3.19E+01	5.67E-07	0.00E+00	3.01E+02	3.48E-05	3.13E-02	1.49E-01	5.00E-02	2.53E-01	5.59E-08	2.55E-06	1.36E+00	3.64E+00	6.56E-02	4.09E-01	3.98E-01	7.57E-01	5.28E+02	2.67E+00	1.04E-06	1.85E-06	9.85E-02	4.62E-04	5.43E+00	3.59E+00	5.42E+02	1.21E-03	5.42E+02	1.16E+03	8.59E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+01
U-AM705ETB250-4	2.39E-01	3.24E+01	1.78E-01	3.19E+01	5.67E-07	0.00E+00	3.01E+02	3.48E-05	3.13E-02	1.49E-01	5.00E-02	2.53E-01	5.59E-08	2.55E-06	1.36E+00	3.64E+00	6.56E-02	4.09E-01	3.98E-01	7.57E-01	5.28E+02	2.67E+00	1.04E-06	1.85E-06	9.85E-02	4.62E-04	5.43E+00	3.59E+00	5.42E+02	1.21E-03	5.42E+02	1.16E+03	8.59E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+01
U-AM705ETB400-3	2.54E-01	3.76E+01	1.75E-01	3.52E+01	4.02E-07	0.00E+00	3.12E+02	3.43E-05	3.39E-02	1.52E-01	5.55E-02	2.53E-01	5.70E-08	2.62E-06	1.35E+00	3.25E+00	6.78E-02	1.94E-01	3.76E-01	7.76E-01	5.28E+02	2.21E+00	1.04E-06	1.88E-06	9.81E-02	4.47E-04	5.33E+00	3.67E+00	5.40E+02	1.21E-03	5.40E+02	1.16E+03	8.62E+00	0.00E+00	0.00E+00	0.00E+00	9.16E+00
U-AM705ETB630-3	2.54E-01	3.76E+01	1.75E-01	3.52E+01	4.02E-07	0.00E+00	3.12E+02	3.43E-05	3.39E-02	1.52E-01	5.55E-02	2.53E-01	5.70E-08	2.62E-06	1.35E+00	3.25E+00	6.78E-02	1.94E-01	3.76E-01	7.76E-01	5.28E+02	2.21E+00	1.04E-06	1.88E-06	9.81E-02	4.47E-04	5.33E+00	3.67E+00	5.40E+02	1.21E-03	5.40E+02	1.16E+03	8.62E+00	0.00E+00	0.00E+00	0.00E+00	9.16E+00
U-AM705ETH125-4	2.39E-01	3.24E+01	1.78E-01	3.19E+01	5.67E-07	0.00E+00	3.01E+02	3.48E-05	3.13E-02	1.49E-01	5.00E-02	2.53E-01	5.59E-08	2.55E-06	1.36E+00	3.64E+00	6.56E-02	4.09E-01	3.98E-01	7.57E-01	5.28E+02	2.67E+00	1.04E-06	1.85E-06	9.85E-02	4.62E-04	5.43E+00	3.59E+00	5.42E+02	1.21E-03	5.42E+02	1.16E+03	8.59E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+01
U-AM705ETS125-4	2.39E-01	3.24E+01	1.78E-01	3.19E+01	5.67E-07	0.00E+00	3.01E+02	3.48E-05	3.13E-02	1.49E-01	5.00E-02	2.53E-01	5.59E-08	2.55E-06	1.36E+00	3.64E+00	6.56E-02	4.09E-01	3.98E-01	7.57E-01	5.28E+02	2.67E+00	1.04E-06	1.85E-06	9.85E-02	4.62E-04	5.43E+00	3.59E+00	5.42E+02	1.21E-03	5.42E+02	1.16E+03	8.59E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+01
U-AM705ETS160-4	2.39E-01	3.24E+01	1.78E-01	3.19E+01	5.67E-07	0.00E+00	3.01E+02	3.48E-05	3.13E-02	1.49E-01	5.00E-02	2.53E-01	5.59E-08	2.55E-06	1.36E+00	3.64E+00	6.56E-02	4.09E-01	3.98E-01	7.57E-01	5.28E+02	2.67E+00	1.04E-06	1.85E-06	9.85E-02	4.62E-04	5.43E+00	3.59E+00	5.42E+02	1.21E-03	5.42E+02	1.16E+03	8.59E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+01
U-AM705ETS250-4	2.39E-01	3.24E+01	1.78E-01	3.19E+01	5.67E-07	0.00E+00	3.01E+02	3.48E-05	3.13E-02	1.49E-01	5.00E-02	2.53E-01	5.59E-08	2.55E-06	1.36E+00	3.64E+00	6.56E-02	4.09E-01	3.98E-01	7.57E-01	5.28E+02	2.67E+00	1.04E-06	1.85E-06	9.85E-02	4.62E-04	5.43E+00	3.59E+00	5.42E+02	1.21E-03	5.42E+02	1.16E+03	8.59E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+01
U-AM705TB125-4	2.69E-01	3.82E+01	1.68E-01	3.56E+01	2.84E-07	0.00E+00	3.16E+02	3.45E-05	3.48E-02	1.65E-01	5.68E-02	2.53E-01	5.92E-08	2.62E-06	1.36E+00	2.82E+00	6.96E-02	2.02E-01	3.78E-01	7.76E-01	5.63E+02	2.25E+00	1.04E-06	1.94E-06	1.04E-01	4.80E-04	5.83E+00	3.78E+00	5.67E+02	1.22E-03	5.67E+02	1.19E+03	9.47E+00	0.00E+00	0.00E+00	0.00E+00	9.53E+00
U-AM705TB160-4	2.69E-01	3.82E+01	1.68E-01	3.56E+01	2.84E-07	0.00E+00	3.16E+02	3.45E-05	3.48E-02	1.65E-01	5.68E-02	2.53E-01	5.92E-08	2.62E-06	1.36E+00	2.82E+00	6.96E-02	2.02E-01	3.78E-01	7.76E-01	5.63E+02	2.25E+00	1.04E-06	1.94E-06	1.04E-01	4.80E-04	5.83E+00	3.78E+00	5.67E+02	1.22E-03	5.67E+02	1.19E+03	9.47E+00	0.00E+00	0.00E+00	0.00E+00	9.53E+00
U-AM705TB250-4	2.69E-01	3.82E+01	1.68E-01	3.56E+01	2.84E-07	0.00E+00	3.16E+02	3.45E-05	3.48E-02	1.65E-01	5.68E-02	2.53E-01	5.92E-08	2.62E-06	1.36E+00	2.82E+00	6.96E-02	2.02E-01	3.78E-01	7.76E-01	5.63E+02	2.25E+00	1.04E-06	1.94E-06	1.04E-01	4.80E-04	5.83E+00	3.78E+00	5.67E+02	1.22E-03	5.67E+02	1.19E+03	9.47E+00	0.00E+00	0.00E+00	0.00E+00	9.53E+00
U-AM705TB400-4	2.65E-01	3.79E+01	1.78E-01	3.54E+01	5.67E-07	0.00E+00	3.16E+02	3.45E-05	3.48E-02	1.65E-01	5.68E-02	2.53E-01	5.95E-08	2.63E-06	1.36E+00	3.64E+00	6.95E-02	2.01E-01	3.98E-01	7.76E-01	5.28E+02	2.23E+00	1.04E-06	1.93E-06	1.05E-01	4.77E-04	5.45E+00	3.78E+00	5.42E+02	1.22E-03	5.42E+02	1.16E+03	8.83E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+01
U-AM705TB630-4	2.65E-01	3.79E+01	1.78E-01	3.54E+01	5.67E-07	0.00E+00	3.16E+02	3.45E-05	3.48E-02	1.65E-01	5.68E-02	2.53E-01	5.95E-08	2.63E-06	1.36E+00	3.64E+00	6.95E-02	2.01E-01	3.98E-01	7.76E-01	5.28E+02	2.23E+00	1.04E-06	1.93E-06	1.05E-01	4.77E-04	5.45E+00	3.78E+00	5.42E+02	1.22E-03	5.42E+02	1.16E+03	8.83E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+01
U-AMG603	2.18E-01	3.63E+01	1.35E-01	3.40E+01	3.94E-07	0.00E+00	2.86E+02	3.45E-05	3.34E-02	1.44E-01	5.34E-02	2.53E-01	5.04E-08	1.91E-06	1.27E+00	2.56E+00	6.49E-02	1.76E-01	3.14E-01	5.53E-01	3.82E+02	2.21E+00	8.39E-07	1.67E-06	9.53E-02	3.79E-04	5.73E+00	3.45E+00	3.52E+02	9.13E-04	3.52E+02	9.74E+02	6.99E+00	0.00E+00	0.00E+00	0.00E+00	6.78E+00
U-AMG703	2.21E-01	3.74E+01	1.23E-01	3.48E+01	3.40E-07	0.00E+00	2.92E+02	3.45E-05	3.38E-02	1.51E-01	5.40E-02	2.54E-01	5.23E-08	1.98E-06	1.34E+00	2.42E+00	6.57E-02	1.76E-01	3.29E-01	5.80E-01	4.22E+02	2.11E+00	8.78E-07	1.70E-06	9.71E-02	3.82E-04	3.94E+00	3.51E+00	4.10E+02	9.45E-04	4.10E+02	1.03E+03	7.12E+00	0.00E+00	0.00E+00	0.00E+00	7.44E+00
U-APFST	9.00E-02	2.20E+00	1.05E-01	2.17E+00	3.75E-07	0.00E+00	4.46E+01	4.05E-06	1.85E-03	2.11E-02	3.62E-03	2.49E-01	2.82E-08	1.32E-06	1.08E+00	2.24E+00	4.88E-03	1.33E-01	9.55E-02	8.12E+00	9.58E+01	1.21E+00	4.40E-07	5.17E-07	1.67E-02	4.93E-03	2.77E+00	3.62E-01	7.63E+01	7.39E-04	7.63E+01	7.29E+01	3.09E+00	0.00E+00	0.00E+00	0.00E+00	4.03E+00
U-AS4020	4.35E-02	1.63E+00	6.51E-02	1.71E+00	1.74E-07	0.00E+00	2.25E+01	8.03E-06	1.50E-03	1.61E-02	2.20E-03	3.05E-01	2.37E-08	6.31E-07	1.24E+00	8.09E-01	2.96E-03	4.85E-02	1.22E-01	3.17E-01	1.60E+02	3.55E+00	1.90E-07	2.70E-07	7.70E-03	1.31E-04	1.27E+00	2.14E-01	1.71E+02	3.58E-04	1.71E+02	1.44E+02	1.44E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
U-AS4022	4.38E-02	1.73E+00	6.57E-02	1.77E+00	1.74E-07	0.00E+00	2.26E+01	8.03E-06	1.56E-03	1.67E-02	2.26E-03	3.05E-01	2.42E-08	6.31E-07	1.24E+00	8.09E-01	3.04E-03	4.86E-02	1.22E-01	3.20E-01	1.60E+02	3.69E+00	1.93E-07	2.72E-07	7.98E-03	1.32E-04	1.27E+00	2.20E-01	1.71E+02	3.58E-04	1.71E+02	1.46E+02	1.44E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
U-AS4520	4.35E-02	1.63E+00	6.51E-02	1.71E+00	1.74E-07	0.00E+00	2.25E+01	8.03E-06	1.50E-03	1.61E-02	2.20E-03	3.05E-01	2.37E-08	6.31E-07	1.24E+00	8.09E-01	2.96E-03	4.85E-02	1.22E-01	3.17E-01	1.60E+02	3.55E+00	1.90E-07	2.70E-07	7.70E-03	1.31E-04	1.27E+00	2.14E-01	1.71E+02	3.58E-04	1.71E+02	1.44E+02	1.44E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
U-AS4522	4.38E-02	1.75E+00	6.53E-02	1.77E+00	1.74E-07	0.00E+00	2.26E+01	8.03E-06	1.56E-03	1.64E-02	2.33E-03	3.01E-01	2.36E-08	6.31E-07	1.24E+00	8.09E-01	3.14E-03	5.19E-02	1.22E-01	3.20E-01	1.60E+02	2.92E+00	1.92E-07	2.71E-07	7.86E-03	1.32E-04	1.27E+00	2.26E-01	1.71E+02	3.58E-04	1.71E+02	1.46E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	3.01E+00
U-AS5520	4.35E-02	1.63E+00	6.51E-02	1.71E+00	1.74E-07	0.00E+00	2.25E+01	8.03E-06	1.50E-03	1.61E-02	2.20E-03	3.05E-01	2.37E-08	6.31E-07	1.24E+00	8.09E-01	2.96E-03	4.85E-02	1.22E-01	3.17E-01	1.60E+02	3.55E+00	1.90E-07	2.70E-07	7.70E-03	1.31E-04	1.27E+00	2.14E-01	1.71E+02	3.58E-04	1.71E+02	1.44E+02	1.44E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
U-AS5522	6.33E-02	1.89E+00	8.74E-02	1.93E+00	2.84E-07	0.00E+00	3.41E+01	3.98E-06	1.55E-03	1.63E-02	2.54E-03	3.01E-01	1.99E-08	8.72E-07	1.24E+00	1.58E+00	3.40E-03	8.59E-02	5.33E-02	3.75E-01	1.41E+02	4.47E-01	3.23E-07	3.75E-07	8.51E-03	1.98E-04	1.74E+00	2.50E-01	1.54E+02	4.81E-04	1.54E+02	1.28E+02	1.85E+00	0.00E+00	0.00E+00	0.00E+00	2.09E+00
U-AS6020	4.35E-02	1.63E+00	6.27E-02	1.71E+00	1.74E-07	0.00E+00	2.25E+01	8.86E-06	1.50E-03	1.61E-02	2.20E-03	2.54E-01	2.37E-08	6.31E-07	1.24E+00	8.09E-01	2.96E-03	4.85E-02	1.43E-01	3.19E-01	1.60E+02	3.54E+00	1.89E-07	2.70E-07	7.70E-03	1.32E-04	1.27E+00	2.14E-01	1.71E+02	3.58E-04	1.71E+02	1.44E+02	1.68E+00	0.00E+00	0.00E+00	0.00E+00	3.81E+00
U-AS6022	6.93E-02	1.93E+00	8.85E-02	1.97E+00	3.01E-07	0.00E+00	3.53E+01	8.03E-06	1.60E-03	1.72E-02	2.77E-03	3.01E-01	1.99E-08	8.72E-07	1.24E+00	1.63E+00	3.70E-03	9.36E-02	1.53E-01	3.82E-01	1.33E+02	4.18E-01	3.30E-07	3.96E-07	8.96E-03	2.05E-04	1.79E+00	2.74E-01	1.46E+02	5.09E-04	1.46E+02	1.23E+02	2.20E+00	0.00E+00	0.00E+00	0.00E+00	4.53E+00
U-AS7020	4.35E-02	1.64E+00	6.51E-02	1.71E+00	1.74E-07	0.00E+00	2.25E+01	8.03E-06	1.50E-03	1.61E-02	2.20E-03	3.05E-01	2.37E-08	6.31E-07	1.24E+00	8.09E-01	2.96E-03	4.85E-02	1.22E-01	3.17E-01	1.60E+02	3.55E+00	1.90E-07	2.70E-07	7.70E-03	1.31E-04	1.27E+00	2.14E-01	1.71E+02	3.58E-04	1.71E+02	1.44E+02	1.44E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
U-AS7022	8.06E-02	2.43E+00	9.13E-02	2.40E+00	3.38E-07	0.00E+00	4.11E+01	3.97E-06	1.86E-03	2.11E-02	3.71E-03	3.16E-01	1.80E-08	1.01E-06	1.24E+00	2.13E+00	5.01E-03	1.23E-01	9.08E-02	3.82E-01	1.41E+02	3.79E-01	3.98E-07	4.37E-07	1.04E-02	2.20E-04	1.99E+00	3.71E-01	1.52E+02	5.89E-04	1.52E+02	1.34E+02	2.89E+00	0.00E+00	0.00E+00	0.00E+00	3.80E+00
U-AS7220	4.38E-02	1.73E+00	6.57E-02	1.77E+00	1.74E-07	0.00E+00	2.26E+01	8.03E-06	1.56E-03	1.67E-02	2.26E-03	3.05E-01	2.42E-08	6.31E-07	1.24E+00	8.09E-01	3.04E-03	4.86E-02	1.22E-01	3.20E-01	1.60E+02	3.69E+00	1.93E-07	2.72E-07	7.98E-03	1.32E-04	1.27E+00	2.20E-01	1.71E+02	3.58E-04	1.71E+02	1.46E+02	1.44E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
U-AS7222	7.95E-02	2.81E+00	9.28E-02	2.85E+00	3.27E-07	0.00E+00	4.11E+01	8.03E-06	2.06E-03	2.15E-02	3.91E-03	3.17E-01	1.80E-08	1.01E-06	1.24E+00	2.08E+00	5.26E-03	1.25E-01	1.73E-01	4.36E-01	1.41E+02	4.26E-01	4.01E-07	4.38E-07	1.02E-02	2.39E-04	1.97E+00	3.93E-01	1.52E+02	5.70E-04	1.52E+02	1.36E+02	2.87E+00	0.00E+00	0.00E+00	0.00E+00	5.57E+00
U-AS8020	4.38E-02	1.74E+00	6.30E-02	1.77E+00	1.74E-07	0.00E+00	2.26E+01	8.86E-06	1.56E-03	1.64E-02	2.31E-03	2.51E-01	2.37E-08	6.31E-07	1.24E+00	8.09E-01	3.10E-03	4.86E-02	1.47E-01	3.22E-01	1.60E+02	3.22E+00	1.91E-07	2.71E-07	7.89E-03	1.33E-04	1.27E+00	2.24E-01	1.71E+02	3.58E-04	1.71E+02	1.46E+02	1.69E+00	0.00E+00	0.00E+00	0.00E+00	3.82E+00
U-AS8022	9.01E-02	3.12E+00	1.03E-01	3.14E+00	3.68E-07	0.00E+00	4.54E+01	8.11E-06	2.21E-03	2.31E-02	4.37E-03	3.19E-01	2.00E-08	1.14E-06	1.24E+00	2.32E+00	5.93E-03	1.57E-01	1.91E-01	4.91E-01	1.72E+02	4.63E-01	4.66E-07	5.00E-07	1.12E-02	2.54E-04	2.23E+00	4.37E-01	1.73E+02	6.44E-04	1.73E+02	1.63E+02	3.34E+00	0.00E+00	0.00E+00	0.00E+00	6.36E+00
U-AS8520	4.37E-02	1.75E+00	6.49E-02	1.78E+00	1.74E-07	0.00E+00	2.26E+01	8.03E-06	1.51E-03	1.58E-02	2.40E-03	3.01E-01	2.32E-08	6.31E-07	1.24E+00	8.09E-01	3.23E-03	5.68E-02	1.23E-01	3.20E-01	1.60E+02	1.26E+00	1.92E-07	2.71E-07	7.57E-03	1.32E-04	1.28E+00	2.36E-01	1.72E+02	3.58E-04	1.72E+02	1.46E+02	1.50E+00	0.00E+00	0.00E+00	0.00E+00	3.04E+00
U-AS8522	9.16E-02	3.16E+00	1.12E-01	3.19E+00	3.68E-07	0.00E+00	4.54E+01	4.05E-06	2.23E-03	2.41E-02	4.50E-03	3.19E-01	2.00E-08	1.14E-06	1.24E+00	2.32E+00	6.08E-03	1.67E-01	1.16E-01	4.91E-01	2.07E+02	4.63E-01	4.66E-07	5.05E-07	1.20E-02	2.55E-04	2.40E+00	4.47E-01	2.18E+02	6.51E-04	2.18E+02	1.99E+02	3.68E+00	0.00E+00	0.00E+00	0.00E+00	4.85E+00
U-AT	6.47E-02	1.05E+01	-1.02E-02	1.14E+01	0.00E+00	0.00E+00	3.90E+01	1.61E-05	5.90E-03	6.23E-02	1.52E-02	3.26E-01	4.81E-08	7.56E-08	2.22E+00	1.04E-01	2.07E-02	4.23E-01	8.58E-02	5.51E-01	1.64E+03	1.47E+01	2.65E-06	3.37E-06	2.34E-02	5.94E-04	3.59E+00	1.58E+00	1.61E+03	1.30E-04	1.61E+03	1.66E+03	3.65E+00	0.00E+00	0.00E+00	0.00E+00	3.84E+00
U-B02	8.31E-02	2.08E+00	1.06E-01	2.06E+00	3.49E-07	0.00E+00	4.15E+01	4.02E-06	1.76E-03	2.03E-02	3.40E-03	2.35E-01	1.87E-08	1.20E-06	1.01E+00	2.02E+00	4.57E-03	1.10E-01	9.22E-02	4.25E-01	5.07E+01	4.58E-01	4.03E-07	5.01E-07	1.06E-02	2.99E-04	2.67E+00	3.40E-01	6.73E+01	6.87E-04	6.73E+01	5.39E+01	2.91E+00	0.00E+00	0.00E+00	0.00E+00	3.80E+00
U-BAS6	1.94E-02	4.28E+00	4.60E-02	3.97E+00	1.99E-04	0.00E+00	1.53E+01	3.41E-06	2.88E-03	3.02E-02	5.18E-03	5.28E-02	1.54E-08	4.02E-08	3.41E+00	1.58E+00	7.00E-03	1.98E-01	5.49E-02	8.13E+00	2.91E+02	1.42E+00	6.55E-08	2.18E-07	1.03E-02	5.04E-03	4.87E+00	5.18E-01	3.25E+02	8.52E-05	3.25E+02	3.34E+02	4.47E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+00
U-BAS8	2.40E-02	7.19E+00	-3.80E-02	7.22E+00	0.00E+00	0.00E+00	1.27E+01	4.10E-06	3.90E-03	4.24E-02	1.04E-02	2.75E+00	7.76E-09	5.32E-08	3.32E-01	2.84E-03	1.40E-02	3.57E-01	6.23E-02	1.92E-01	4.81E+02	2.89E-01	8.52E-08	1.81E-07	1.56E-02	7.47E-05	1.13E+00	1.03E+00	4.81E+02	1.24E-04	4.81E+02	4.83E+02	2.16E+00	0.00E+00	0.00E+00	0.00E+00	2.67E+00
U-BB10060	1.20E-01	3.53E+01	-1.02E-01	3.46E+01	7.75E-06	0.00E+00	8.29E+01	2.04E-05	2.14E-02	2.37E-01	2.94E-02	5.08E-01	3.94E-08	2.29E-07	1.93E+00	5.94E-02	3.96E-02	2.62E+00	2.35E-01	6.96E-01	2.02E+03	4.22E+00	1.95E-07	8.12E-07	8.53E-02	2.53E-04	4.14E+00	2.99E+00	2.04E+03	2.70E-04	2.04E+03	2.03E+03	6.98E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+01

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U-BRLT3PN1250	1.35E-01	4.22E+01	-1.77E-01	4.09E+01	4.85E-04	0.00E+00	3.39E+02	4.30E-05	2.19E-02	2.40E-01	5.62E-02	8.13E-01	5.09E-08	2.81E-07	1.28E+01	4.54E+00	7.86E-02	2.18E+00	5.41E-01	1.07E+00	2.60E+03	2.26E+01	3.83E-07	8.41E-07	8.75E-02	5.33E-04	7.39E+00	5.76E+00	2.54E+03	5.22E-04	2.54E+03	2.61E+03	1.93E+01	0.00E+00	0.00E+00	0.00E+00	2.30E+01
U-BRLT3PN2000	1.22E-01	3.71E+01	-1.48E-01	3.68E+01	4.69E-04	0.00E+00	2.75E+02	2.22E-05	2.01E-02	2.18E-01	4.64E-02	7.58E-01	4.69E-08	2.46E-07	1.26E+01	4.09E+00	6.27E-02	1.95E+00	3.31E-01	1.55E+00	2.27E+03	2.04E+01	3.48E-07	8.20E-07	8.16E-02	4.78E-04	7.39E+00	4.60E+00	2.22E+03	4.63E-04	2.22E+03	2.22E+03	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.90E+01
U-BRLT4P1250	1.35E-01	4.22E+01	-1.76E-01	4.09E+01	2.23E-04	0.00E+00	3.31E+02	4.31E-05	2.19E-02	2.39E-01	5.64E-02	8.26E-01	5.09E-08	2.80E-07	4.78E+00	2.30E+00	7.85E-02	2.04E+00	5.37E-01	9.81E-01	2.62E+03	1.01E+01	2.58E-07	8.43E-07	8.75E-02	4.81E-04	7.45E+00	5.78E+00	2.56E+03	5.30E-04	2.56E+03	2.62E+03	1.77E+01	0.00E+00	0.00E+00	0.00E+00	2.27E+01
U-BRLT4P2000	1.23E-01	4.05E+01	-1.46E-01	3.91E+01	1.91E-04	0.00E+00	1.00E+02	2.25E-05	2.04E-02	2.20E-01	4.68E-02	7.72E-01	4.85E-08	2.43E-07	4.98E+00	1.65E+00	6.32E-02	1.78E+00	2.76E-01	9.50E-01	2.35E+03	9.91E+00	1.90E-07	8.23E-07	8.17E-02	4.21E-04	7.31E+00	4.64E+00	2.34E+03	4.63E-04	2.34E+03	2.37E+03	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.21E+01
U-BS1006020	1.33E+00	2.66E+02	-1.36E+00	2.58E+02	5.73E-05	0.00E+00	1.16E+03	2.06E-04	1.48E-01	2.06E+00	4.39E-01	7.39E+00	4.17E-07	2.19E-06	9.58E+00	8.09E-01	6.38E-01	5.57E+00	2.97E+00	2.56E+01	2.49E+04	9.11E+01	2.43E-06	5.07E-06	6.50E-01	1.33E-02	4.86E+01	3.54E+01	2.40E+04	3.23E-03	2.40E+04	2.36E+04	8.81E+01	0.00E+00	0.00E+00	0.00E+00	1.41E+02
U-BS1006022	1.34E+00	2.71E+02	-1.39E+00	2.60E+02	5.73E-05	0.00E+00	1.22E+03	2.07E-04	1.49E-01	2.09E+00	4.58E-01	7.39E+00	4.33E-07	2.28E-06	1.60E+01	8.67E-01	6.67E-01	5.57E+00	2.99E+00	2.70E+01	2.49E+04	9.40E+01	2.54E-06	5.07E-06	6.64E-01	1.44E-02	5.12E+01	3.60E+01	2.41E+04	3.33E-03	2.41E+04	2.42E+04	8.85E+01	0.00E+00	0.00E+00	0.00E+00	1.42E+02
U-BS1008020	1.38E+00	2.78E+02	-1.42E+00	2.66E+02	5.73E-05	0.00E+00	1.26E+03	2.08E-04	1.52E-01	2.14E+00	4.68E-01	7.39E+00	4.41E-07	2.36E-06	1.61E+01	8.67E-01	6.79E-01	5.93E+00	3.07E+00	2.70E+01	2.52E+04	9.40E+01	2.63E-06	5.18E-06	6.75E-01	1.45E-02	5.16E+01	3.67E+01	2.48E+04	3.55E-03	2.48E+04	2.45E+04	8.99E+01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
U-BS1008022	1.40E+00	2.78E+02	-1.51E+00	2.68E+02	5.73E-05	0.00E+00	1.26E+03	2.10E-04	1.53E-01	2.14E+00	4.79E-01	7.39E+00	4.50E-07	2.36E-06	1.61E+01	8.67E-01	6.92E-01	6.03E+00	3.08E+00	2.71E+01	2.54E+04	9.45E+01	2.64E-06	5.22E-06	6.76E-01	1.45E-02	5.20E+01	3.67E+01	2.48E+04	3.60E-03	2.48E+04	2.47E+04	9.16E+01	0.00E+00	0.00E+00	0.00E+00	1.51E+02
U-BS1106020	1.34E+00	2.68E+02	-1.38E+00	2.59E+02	5.73E-05	0.00E+00	1.22E+03	2.08E-04	1.48E-01	2.06E+00	4.53E-01	7.39E+00	4.31E-07	2.19E-06	9.60E+00	8.09E-01	6.63E-01	5.57E+00	2.99E+00	2.57E+01	2.50E+04	9.17E+01	2.43E-06	5.09E-06	6.52E-01	1.34E-02	4.88E+01	3.60E+01	2.46E+04	3.26E-03	2.46E+04	2.41E+04	8.82E+01	0.00E+00	0.00E+00	0.00E+00	1.42E+02
U-BS1106022	1.37E+00	2.73E+02	-1.42E+00	2.64E+02	5.73E-05	0.00E+00	1.25E+03	2.07E-04	1.51E-01	2.13E+00	4.71E-01	7.39E+00	4.42E-07	2.32E-06	1.60E+01	8.67E-01	6.78E-01	5.57E+00	3.04E+00	2.71E+01	2.52E+04	9.43E+01	2.55E-06	5.12E-06	6.74E-01	1.44E-02	5.19E+01	3.69E+01	2.47E+04	3.50E-03	2.47E+04	2.45E+04	8.99E+01	0.00E+00	0.00E+00	0.00E+00	1.47E+02
U-BS1108020	1.40E+00	2.78E+02	-1.51E+00	2.68E+02	5.73E-05	0.00E+00	1.26E+03	2.09E-04	1.53E-01	2.16E+00	4.78E-01	7.39E+00	4.50E-07	2.36E-06	1.61E+01	8.67E-01	6.88E-01	6.12E+00	3.08E+00	2.71E+01	2.53E+04	9.49E+01	2.63E-06	5.18E-06	6.75E-01	1.45E-02	5.24E+01	3.71E+01	2.48E+04	3.60E-03	2.48E+04	2.45E+04	8.99E+01	0.00E+00	0.00E+00	0.00E+00	1.52E+02
U-BS1108022	1.40E+00	2.79E+02	-1.57E+00	2.70E+02	5.73E-05	0.00E+00	1.27E+03	2.11E-04	1.54E-01	2.17E+00	5.16E-01	7.39E+00	4.75E-07	2.36E-06	1.61E+01	8.70E-01	7.37E-01	6.12E+00	3.11E+00	2.74E+01	2.55E+04	9.55E+01	2.64E-06	5.22E-06	6.76E-01	1.45E-02	5.25E+01	3.99E+01	2.48E+04	3.62E-03	2.48E+04	2.48E+04	9.38E+01	0.00E+00	0.00E+00	0.00E+00	1.52E+02
U-BS1356020	1.36E+00	2.69E+02	-1.40E+00	2.62E+02	5.73E-05	0.00E+00	1.23E+03	2.06E-04	1.51E-01	2.10E+00	4.65E-01	7.39E+00	4.38E-07	2.22E-06	9.60E+00	8.10E-01	6.72E-01	5.57E+00	3.04E+00	2.57E+01	2.51E+04	9.19E+01	2.44E-06	5.12E-06	6.57E-01	1.34E-02	4.93E+01	3.69E+01	2.46E+04	3.40E-03	2.46E+04	2.41E+04	8.88E+01	0.00E+00	0.00E+00	0.00E+00	1.47E+02
U-BS1356022	1.37E+00	2.73E+02	-1.51E+00	2.65E+02	5.73E-05	0.00E+00	1.26E+03	2.07E-04	1.53E-01	2.15E+00	4.81E-01	7.39E+00	4.52E-07	2.32E-06	1.60E+01	8.67E-01	6.92E-01	5.64E+00	3.04E+00	2.71E+01	2.53E+04	9.49E+01	2.55E-06	5.12E-06	6.74E-01	1.44E-02	5.24E+01	3.71E+01	2.48E+04	3.51E-03	2.48E+04	2.45E+04	8.96E+01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
U-BS1358020	1.40E+00	2.80E+02	-1.57E+00	2.71E+02	5.73E-05	0.00E+00	1.27E+03	2.09E-04	1.54E-01	2.17E+00	5.16E-01	7.39E+00	4.74E-07	2.37E-06	1.61E+01	8.70E-01	7.36E-01	6.12E+00	3.11E+00	2.73E+01	2.53E+04	9.54E+01	2.63E-06	5.22E-06	6.75E-01	1.45E-02	5.25E+01	3.99E+01	2.50E+04	3.63E-03	2.50E+04	2.47E+04	9.23E+01	0.00E+00	0.00E+00	0.00E+00	1.52E+02
U-BS1358022	1.43E+00	2.81E+02	-1.62E+00	2.75E+02	5.73E-05	0.00E+00	1.27E+03	2.11E-04	1.56E-01	2.21E+00	5.19E-01	7.39E+00	4.82E-07	2.39E-06	1.61E+01	8.70E-01	7.47E-01	6.12E+00	3.18E+00	2.74E+01	2.56E+04	9.57E+01	2.64E-06	5.31E-06	6.86E-01	1.46E-02	5.27E+01	4.00E+01	2.51E+04	3.64E-03	2.51E+04	2.50E+04	9.43E+01	0.00E+00	0.00E+00	0.00E+00	1.55E+02
U-BS1606020	1.38E+00	2.69E+02	-1.50E+00	2.62E+02	5.73E-05	0.00E+00	1.24E+03	2.08E-04	1.52E-01	2.12E+00	4.75E-01	7.39E+00	4.48E-07	2.22E-06	9.60E+00	8.10E-01	6.86E-01	5.64E+00	3.04E+00	2.58E+01	2.52E+04	9.26E+01	2.44E-06	5.12E-06	6.57E-01	1.34E-02	4.98E+01	3.72E+01	2.48E+04	3.41E-03	2.48E+04	2.41E+04	8.93E+01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
U-BS1606022	1.38E+00	2.75E+02	-1.56E+00	2.68E+02	5.73E-05	0.00E+00	1.27E+03	2.08E-04	1.53E-01	2.16E+00	5.14E-01	7.39E+00	4.72E-07	2.33E-06	1.60E+01	8.70E-01	7.30E-01	5.64E+00	3.07E+00	2.73E+01	2.54E+04	9.54E+01	2.55E-06	5.17E-06	6.74E-01	1.45E-02	5.25E+01	3.97E+01	2.49E+04	3.54E-03	2.49E+04	2.47E+04	9.20E+01	0.00E+00	0.00E+00	0.00E+00	1.49E+02
U-BS1608020	1.43E+00	2.81E+02	-1.62E+00	2.75E+02	5.73E-05	0.00E+00	1.27E+03	2.09E-04	1.56E-01	2.20E+00	5.18E-01	7.39E+00	4.80E-07	2.39E-06	1.61E+01	8.70E-01	7.44E-01	6.12E+00	3.18E+00	2.73E+01	2.55E+04	9.58E+01	2.63E-06	5.26E-06	6.85E-01	1.46E-02	5.27E+01	4.00E+01	2.52E+04	3.64E-03	2.52E+04	2.48E+04	9.28E+01	0.00E+00	0.00E+00	0.00E+00	1.55E+02
U-BS1608022	1.43E+00	2.82E+02	-1.64E+00	2.77E+02	5.73E-05	0.00E+00	1.28E+03	2.12E-04	1.56E-01	2.22E+00	5.22E-01	7.39E+00	4.87E-07	2.39E-06	1.61E+01	8.72E-01	7.64E-01	6.12E+00	3.20E+00	2.74E+01	2.57E+04	9.63E+01	2.64E-06	5.32E-06	6.94E-01	1.47E-02	5.28E+01	4.05E+01	2.52E+04	3.65E-03	2.52E+04	2.52E+04	9.44E+01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
U-BS1SST	3.04E-02	7.90E+00	1.86E-02	8.12E+00	0.00E+00	0.00E+00	1.86E+01	1.49E-05	4.89E-03	5.36E-02	1.22E-02	1.09E+00	1.84E-08	7.11E-08	8.72E-01	8.60E-02	1.65E-02	2.85E-01	7.69E-02	4.76E-01	2.67E+02	3.00E+00	1.50E-07	2.04E-07	2.09E-02	2.58E-04	1.53E+00	1.25E+00	3.09E+02	2.95E-05	3.09E+02	3.26E+02	3.26E+00	0.00E+00	0.00E+00	0.00E+00	3.47E+00
U-BS260	1.91E-02	5.18E+00	-1.91E-02	5.21E+00	0.00E+00	0.00E+00	1.22E+01	5.51E-06	2.90E-03	3.13E-02	6.61E-03	3.71E-02	4.68E-09	3.64E-08	1.30E+00	6.00E-03	8.97E-03	2.36E-01	4.74E-02	3.50E-01	3.37E+02	7.04E-01	1.77E-08	1.42E-07	1.15E-02	1.88E-04	2.25E+00	6.56E-01	3.66E+02	6.99E-05	3.66E+02	3.34E+02	2.90E+00	0.00E+00	0.00E+00	0.00E+00	2.10E+00
U-BS272	3.10E-02	6.84E+00	-2.74E-02	6.88E+00	7.30E-08	0.00E+00	1.93E+01	6.49E-06	4.01E-03	4.28E-02	8.37E-03	3.53E-02	6.40E-09	4.81E-08	1.42E+00	1.91E-01	1.13E-02	2.72E-01	7.28E-02	4.24E-01	4.59E+02	8.01E-01	1.94E-08	1.56E-07	1.75E-02	2.08E-04	2.61E+00	4.49E+02	4.50E+02	3.54E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+00				
U-BS285	3.04E-02	8.17E+00	-2.98E-02	8.42E+00	0.00E+00	0.00E+00	2.43E+01	8.42E-06	5.02E-03	5.00E-02	1.02E-02	3.53E-02	8.54E-09	6.03E-08	1.61E+00	3.61E-02	1.38E-02	3.82E-01	7.14E-02	3.39E-01	5.90E+02	1.50E+00	3.31E-08	1.78E-07	1.85E-02	1.72E-04	2.72E+00	1.01E+00	5.77E+02	9.30E-05	5.77E+02	5.94E+02	3.82E+00	0.00E+00	0.00E+00	0.00E+00	2.95E+00
U-BS40	2.38E-02	5.48E+00	-8.39E-03	5.90E+00	4.97E-08	0.00E+00	1.14E+01	6.04E-06	3.37E-03	3.60E-02	5.05E-03	3.83E-02	4.20E-09	4.17E-08	1.23E+00	2.12E-01	6.85E-03	2.61E-01	5.64E-02	3.33E-01	3.60E+02	7.67E-01	1.78E-08	1.56E-07	1.35E-02	1.87E-04	2.25E+00	4.98E-01	3.43E+02	1.11E-04	3.43E+02	3.62E+02	2.91E+00	0.00E+00	0.00E+00	0.00E+00	2.43E+00
U-BS406020	1.26E+00	2.53E+02	-1.24E+00	2.45E+02	4.73E-05	0.00E+00	1.11E+03	1.87E-04	1.42E-01	1.94E+00	3.99E-01	7.20E+00	3.89E-07	2.08E-06	7.43E+00	8.59E-01	5.57E-01	4.61E+00	2.31E+00	2.38E+01	1.65E+04	6.90E+01	2.22E-06	4.90E-06	6.29E-01	1.30E-02	3.37E+01	3.35E+01	1.64E+04	3.04E-03	1.64E+04	1.59E+04	6.08E+01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
U-BS406022	1.30E+00	2.58E+02	-1.24E+00	2.50E+02	4.77E-05	0.00E+00	1.13E+03	1.93E-04	1.45E-01	2.01E+00	4.10E-01	7.20E+00	3.98E-07	2.14E-06	7.89E+00	7.93E-01	5.81E-01	4.94E+00	2.62E+00	2.44E+01	2.04E+04	7.59E+01	2.24E-06	5.01E-06	6.44E-01	1.30E-02	3.60E+01	3.45E+01	2.01E+04	3.11E-03	2.01E+04	1.89E+04	7.49E+01	0.00E+00	0.00E+00	0.00E+00	1.31E+02
U-BS408020	1.30E+00	2.60E+02	-1.25E+00	2.53E+02	4.68E-05	0.00E+00	1.13E+03	1.93E-04	1.46E-01	2.03E+00	4.24E-01	7.20E+00	3.97E-07	2.14E-06	7.92E+00	7.92E-01	5.94E-01	4.95E+00	2.61E+00	2.45E+01	2.07E+04	7.26E+01	2.24E-06	5.02E-06	6.46E-01	1.30E-02	3.68E+01	3.47E+01	2.06E+04	3.14E-03	2.06E+04	1.98E+04	8.08E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+02
U-BS408022	1.30E+00	2.62E+02	-1.29E+00	2.54E+02	4.68E-05	0.00E+00	1.15E+03	1.95E-04	1.46E-01	2.03E+00	4.29E-01	7.39E+00	4.06E-07	2.14E-06	8.05E+00	8.03E-01	6.08E-01	5.33E+00	2.63E+00	2.47E+01	2.21E+04	7.60E+01	2.35E-06	5.02E-06	6.46E-01	1.30E-02	4.03E+01	3.53E+01	2.19E+04	3.16E-03	2.19E+04	2.08E+04	8.56E+01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
U-BS45	2.58E-02	7.64E+00	-2.15E-02	7.47E+00	2.35E-04	0.00E+00	1.68E+01	5.61E-06	4.64E-03	4.70E-02	6.61E-03	1.86E-01	5.07E-09	5.56E-08	3.97E+00	1.75E+00	8.95E-03	3.90E-01	8.02E-02	3.93E-01	5.22E+02	1.53E+00	1.39E-08	1.80E-07	1.68E-02	2.90E-04	4.38E+00	6.54E-01	4.97E+02	8.83E-05	4.97E+02	5.15E+02	4.95E+00	0.00E+00	0.00E+00	0.00E+00	3.39E+00
U-BS456020	1.28E+00	2.55E+02	-1.24E+00	2.49E+02	4.73E-05	0.00E+00	1.12E+03	1.87E-04	1.43E-01	1.97E+00	4.00E-01	7.20E+00	3.90E-07	2.13E-06	8.12E+00	8.59E-01	5.62E-01	4.61E+00	2.31E+00	2.38E+01	1.65E+04	7.27E+01	2.22E-06	4.90E-06	6.35E-01	1.30E-02	3.37E+01	3.35E+01	1.64E+04	3.04E-03	1.64E+04	1.59E+04	6.08E+01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
U-BS456022	1.30E+00	2.58E+02	-1.24E+00	2.50E+02	4.77E-05	0.00E+00	1.13E+03	1.93E-04	1.45E-01	2.01E+00	4.10E-01	7.20E+00	3.99E-07	2.14E-06	7.97E+00	7.93E-01	5.81E-01	4.94E+00	2.62E+00	2.44E+01	2.04E+04	7.59E+01	2.24E-06	5.01E-06	6.44E-01	1.30E-02	4.00E+01	3.45E+01	2.01E+04	3.11E-03	2.01E+04	1.89E+04	7.49E+01	0.00E+00	0.00E+00	0.00E+00	1.31E+02
U-BS458020	1.30E+00	2.60E+02	-1.25E+00	2.53E+02	4.68E-05	0.00E+00	1.13E+03	1.93E-04	1.46E-01	2.03E+00	4.26E-01	7.20E+00	3.99E-07	2.14E-06	7.92E+00	8.03E-01	5.97E-01	5.00E+00	2.60E+00	2.45E+01	2.08E+04	7.26E+01	2.24E-06	5.02E-06	6.46E-01	1.30E-02	3.68E+01	3.48E+01	2.06E+04	3.14E-03	2.06E+04	1.98E+04	8.08E+01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
U-BS458022	1.30E+00	2.62E+02	-1.29E+00	2.54E+02	4.68E-05	0.00E+00	1.15E+03	1.97E-04	1.46E-01	2.03E+00	4.30E-01	7.39E+00	4.08E-07	2.15E-06	8.04E+00	8.03E-01	6.13E-01	5.36E+00	2.63E+00	2.49E+01	2.23E+04	7.68E+01	2.38E-06	5.03E-06	6.46E-01	1.30E-02	4.04E+01	3.53E+01	2.21E+04	3.17E-03	2.21E+04	2.09E+04	8.58E+01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
U-BS55	4.75E-02	7.77E+00	-1.37E-02	7.65E+00	4.61E-07	0.00E+00	2.85E+01	6.77E-06	4.87E-03	5.03E-02	8.29E-03	3.67E-02	7.24E-09	7.31E-08	1.43E+00	1.28E+00	1.12E-02	4.19E-01	1.12E-01	4.34E-01	7.12E+02	9.85E-01	3.60E-08	2.42E-07	2.17E-02	2.06E-04	2.76E+00	8.15E-01	6.39E+02	2.18E-04	6.39E+02	6.78E+02	3.83E+00	0.00E+00	0.00E+00	0.00E+00	4.81E+00
U-BS60	3.05E-02	8.42E+00	-2.84E-02	8.44E+00	2.35E-04	0.00E+00	2.47E+01	6.46E-06	5.23E-03	5.21E-02	9.68E-03	4.41E-01	8.56E-09	6.42E-08	5.42E+00	1.77E+00	1.31E-02	4.18E-01	7.79E-02	5.11E-01	7.39E+02	1.88E+00	3.47E-08	1.74E-07	1.86E-02	2.98E-04	4.68E+00	9.99E-01	6.50E+02	2.62E-04	6.50E+02	6.95E+02	6.10E+00	0.00E+00	0.00E+00	0.00E+00	3.33E+00
U-BS606020	1.30E+00	2.56E+02	-1.25E+00	2.48E+02	4.73E-05	0.00E+00	1.13E+03	1.91E-04	1.46E-01	2.00E+00	4.05E-01	7.20E+00	3.95E-07	2.14E-06	8.26E+00	8.59E-01	5.75E-01	4.93E+00	2.60E+00	2.38E+01	1.87E+04	7.28E+01	2.22E-06	4.91E-06	6.41E-01	1.30E-02	3.37E+01	3.39E+01	1.87E+04	3.09E-03	1.87E+04	1.79E+04	6.93E+01	0.00E+00	0.00E+00	0.00E+00	1.31E+02
U-BS606022	1.30E+00	2.62E+02	-1.25E+00	2.54E+02	4.77E-05	0.00E+00	1.13E+03	1.97E-04	1.46E-01	2.03E+00	4.25E-01	7.20E+00	3.98E-07	2.14E-06	8.20E+00	7.92E-01	6.00E-01	4.94E+00	2.63E+00	2.46E+01	2.13E+04	7.59E+01	2.26E-06	5.02E-06	6.46E-01	1.30E-02	4.00E+01	3.52E+01	2.10E+04	3.15E-03	2.10E+04	2.01E+04	8.27E+01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
U-BS608020	1.30E+00	2.60E+02	-1.29E+00	2.53E+02	4.68E-05	0.00E+00	1.14E+03	1.93E-04	1.46E-01	2.03E+00	4.28E-01	7.30E+00	4.05E-07	2.14E-06	7.93E+00	8.03E-01	6.02E-01	5.24E+00	2.60E+00	2.47E+01	2.16E+04	7.34E+01	2.34E-06	5.02E-06	6.46E-01	1.30E-02	3.71E+01	3.48E+01	2.15E+04	3.15E-03	2.15E+04	2.04E+04	8.39E+01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
U-BS608022	1.32E+00	2.64E+02	-1.29E+00	2.55E+02	4.68E-05	0.00E+00	1.15E+03	2.02E-04	1.47E-01	2.04E+00	4.35E-01	7.39E+00	4.11E-07	2.16E-06	8.14E+00	8.03E-01	6.31E-01	5.46E+00	2.66E+00	2.48E+01	2.25E+04	7.70E+01	2.38E-06	5.05E-06	6.47E-01	1.30E-02	4.03E+01	3.53E+01	2.21E+04	3.19E-03	2.21E+04	2.09E+04	8.63E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+02
U-BS70	3.64E-02	8.90E+00	-3.19E-02	8.85E+00	0.00E+00	0.00E+00	2.78E+01	1.02E-05	5.50E-03	5.53E-02	1.20E-02	3.81E-02	9.48E-09	7.04E-08	1.63E+00	3.03E-02	1.62E-02	1.18E+00	7.62E-02	3.64E-01	7.66E+02	1.51E+00	4.04E-08	2.05E-07	1.98E-02	1.72E-04	2.49E+00	1.16E+00	6.93E+02	2.20E-04	6.93E+02	7.29E+02	3.86E+00	0.00E+00	0.00E+00	0.00E+00	3.12E+00
U-BS706020	1.30E+00	2.60E+02	-1.25E+00	2.51E+02	4.73E-05	0.00E+00	1.13E+03	1.92E-04	1.45E-01	2.02E+00	4.17E-01	7.20E+00	3.96E-07	2.14E-06	8.47E+00	8.59E-01	5.92E-01	4.93E+00	2.79E+00	2.39E+01	1.93E+04	7.28E+01	2.24E-06	4.91E-06	6.41E-01	1.30E-02	3.37E+01	3.46E+01	1.92E+04	3.13E-03	1.92E+04	1.88E+04	7.33E+01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
U-BS706022	1.30E+00	2.62E+02	-1.25E+00	2.54E+02	4.77E-05	0.00E+00	1.13E+03	1.97E-04	1.46E-01	2.03E+00	4.27E-01	7.20E+00	4.00E-07	2.14E-06	8.20E+00	8.03E-01	6.05E-01	5.16E+00	2.63E+00	2.47E+01	2.14E+04	7.60E+01	2.26E-06	5.02E-06	6.46E-01	1.30E-02	4.03E+01	3.52E+01	2.10E+04	3.16E-03	2.10E+04	2.01E+04	8.49E+01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
U-BS708020	1.31E+00	2.61E+02	-1.29E+00	2.53E+02	4.68E-05	0.00E+00	1.15E+03	1.98E-04	1.47E-01	2.03E+00	4.31E-01	7.30E+00	4.09E-07	2.15E-06	7.94E+00	8.03E-01	6.15E-01	5.37E+00	2.80E+00	2.48E+01	2.20E+04	7.34E+01	2.37E-06	5.05E-06	6.47E-01	1.30E-02	3.71E+01	3.49E+01	2.17E+04	3.17E-03	2.17E+04	2.05E+04	8.41E+01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
U-BS708022	1.33E+00	2.66E+02	-1.31E+00	2.57E+02	4.68E-05	0.00E+00	1.16E+03	2.03E-04	1.47E-01	2.05E+00	4.38E-01	7.39E+00	4.16E-07	2.18E-06	8.19E+00	8.04E-01	6.37E-01	5.46E+00	2.69E+00	2.48E+01	2.26E+04	7.76E+01	2.38E-06	5.05E-06	6.48E-01	1.30E-02	4.04E+01	3.55E+01	2.22E+04	3.19E-03	2.22E+04	2.12E+04	8.66E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+02
U-BS72	3.70E-02	8.93E+00	-3.18E-02	8.90E+00	0.00E+00	0.00E+00	2.77E+01	1.31E-05	5.50E-03	5.53E-02	1.25E-02	3.82E-02	9.58E-09	7.11E-08	1.64E+00	3.04E-02	1.69E-02	1.18E+00	7.62E-02	3.65E-01	7.68E+02	1.51E+00	4.04E-08	2.04E-07	2.00E-02	1.73E-04	2.47E+00	1.24E+00	6.94E+02	2.30E-04	6.94E+02	7.32E+02	3.85E+00	0.00E+00	0.00E+00	0.00E+00	3.12E+00
U-BS80	4.61E-02	1.07E+01	-3.22E-02	1.09E+01	0.00E+00	0.00E+00	2.95E+01	1.37E-05	6.07E-03

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U-DN	7.64E-03	1.71E+00	1.07E-01	1.70E+00	4.82E-03	0.00E+00	1.37E+01	2.42E-05	1.34E-03	1.18E-02	2.55E-03	6.62E-01	4.39E-08	1.22E-08	5.73E+01	1.36E+01	3.53E-03	1.45E-01	1.06E-01	1.21E+01	1.59E+02	1.27E+02	7.81E-08	5.51E-06	5.00E-03	6.85E-03	1.36E+01	2.58E-01	1.54E+02	1.96E-05	1.54E+02	1.58E+02	8.93E+00	0.00E+00	0.00E+00	0.00E+00	4.00E+00
U-DS40	4.39E-02	1.63E+00	6.27E-02	1.71E+00	1.74E-07	0.00E+00	2.25E+01	8.88E-06	1.50E-03	1.61E-02	2.20E-03	2.54E-01	2.37E-08	6.31E-07	1.24E+00	8.09E-01	2.98E-03	4.85E-02	1.39E-01	3.19E+01	1.60E+02	3.54E+00	1.85E-07	2.70E-07	7.70E-03	1.32E-04	1.27E+00	2.14E-01	1.71E+02	3.58E-04	1.71E+02	1.44E+02	1.44E+00	0.00E+00	0.00E+00	0.00E+00	3.62E+00
U-DS45	4.39E-02	1.63E+00	6.51E-02	1.71E+00	1.74E-07	0.00E+00	2.25E+01	8.03E-06	1.50E-03	1.61E-02	2.20E-03	3.05E-01	2.37E-08	6.31E-07	1.24E+00	8.09E-01	2.98E-03	4.85E-02	1.22E-01	3.17E+01	1.60E+02	3.55E+00	1.90E-07	2.70E-07	7.70E-03	1.31E-04	1.27E+00	2.14E-01	1.71E+02	3.58E-04	1.71E+02	1.44E+02	1.44E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
U-DS55	4.39E-02	1.63E+00	6.51E-02	1.71E+00	1.74E-07	0.00E+00	2.25E+01	8.03E-06	1.50E-03	1.61E-02	2.20E-03	3.05E-01	2.37E-08	6.31E-07	1.24E+00	8.09E-01	2.98E-03	4.85E-02	1.22E-01	3.17E+01	1.60E+02	3.55E+00	1.90E-07	2.70E-07	7.70E-03	1.31E-04	1.27E+00	2.14E-01	1.71E+02	3.58E-04	1.71E+02	1.44E+02	1.44E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
U-DS60	4.25E-02	1.77E+00	5.80E-02	1.78E+00	2.25E-04	0.00E+00	2.68E+01	8.87E-06	1.50E-03	1.56E-02	2.40E-03	3.77E-01	2.33E-08	6.31E-07	3.93E+00	2.32E+00	3.23E-03	5.44E-02	1.68E-01	5.02E+01	1.61E+02	2.20E+00	1.91E-07	2.65E-07	7.24E-03	2.73E-04	3.48E+00	2.37E-01	1.75E+02	3.59E-04	1.75E+02	1.48E+02	3.87E+00	0.00E+00	0.00E+00	0.00E+00	4.22E+00
U-DS70	4.39E-02	1.64E+00	6.51E-02	1.71E+00	1.74E-07	0.00E+00	2.25E+01	8.03E-06	1.50E-03	1.61E-02	2.20E-03	3.05E-01	2.37E-08	6.31E-07	1.24E+00	8.09E-01	2.98E-03	4.85E-02	1.22E-01	3.17E+01	1.60E+02	3.55E+00	1.90E-07	2.70E-07	7.70E-03	1.31E-04	1.27E+00	2.14E-01	1.71E+02	3.58E-04	1.71E+02	1.44E+02	1.44E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
U-DS72	6.13E-02	1.90E+00	8.03E-02	1.93E+00	2.32E-04	0.00E+00	3.83E+01	8.25E-06	1.54E-03	1.60E-02	2.55E-03	4.28E-01	1.99E-08	8.72E-07	3.92E+00	2.90E+00	3.41E-03	6.36E-02	1.61E-01	4.50E+01	1.43E+02	1.10E+00	3.23E-07	3.66E-07	8.14E-03	3.14E-04	3.90E+00	2.51E-01	1.57E+02	4.81E-04	1.57E+02	1.31E+02	4.05E+00	0.00E+00	0.00E+00	0.00E+00	4.48E+00
U-DS80	4.38E-02	1.74E+00	6.53E-02	1.77E+00	1.74E-07	0.00E+00	2.26E+01	8.03E-06	1.56E-03	1.64E-02	2.31E-03	3.03E-01	2.37E-08	6.31E-07	1.24E+00	8.09E-01	3.10E-03	4.86E-02	1.22E-01	3.20E+01	1.60E+02	3.23E+00	1.92E-07	2.71E-07	7.89E-03	1.32E-04	1.27E+00	2.24E-01	1.71E+02	3.58E-04	1.71E+02	1.46E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+00
U-DS85	6.93E-02	1.98E+00	8.85E-02	2.02E+00	3.23E-07	0.00E+00	3.89E+01	8.03E-06	1.73E-03	2.00E-02	3.21E-03	3.01E-01	1.99E-08	8.72E-07	1.24E+00	1.78E+00	4.32E-03	1.06E-01	1.72E-01	3.84E-01	1.33E+02	4.09E-01	3.33E-07	3.98E-07	1.04E-02	2.05E-04	1.99E+00	3.17E-01	1.46E+02	5.46E-04	1.46E+02	1.23E+02	2.79E+00	0.00E+00	0.00E+00	0.00E+00	5.41E+00
U-DT4020	6.38E-02	2.05E+01	-4.23E-02	2.03E+01	7.39E-06	0.00E+00	3.96E+01	1.39E-05	1.19E-02	1.30E-01	1.77E-02	1.33E-01	1.42E-08	1.63E-07	2.47E+00	7.44E-02	2.41E-02	3.01E+00	2.01E-01	6.51E+01	2.02E+03	2.42E+00	4.85E-08	2.84E-07	4.44E-02	3.61E-04	4.89E+00	1.73E+00	1.99E+03	4.37E-04	1.99E+03	2.07E+03	5.80E+00	0.00E+00	0.00E+00	0.00E+00	8.58E+00
U-DT4022	1.08E-01	2.53E+01	-4.77E-02	2.43E+01	7.39E-06	0.00E+00	5.04E+01	1.40E-05	1.68E-02	1.82E-01	1.99E-02	2.67E-01	2.95E-08	2.21E-07	2.47E+00	7.60E-02	2.69E-02	3.09E+00	2.02E-01	6.14E+01	2.11E+03	3.26E+00	4.92E-08	6.14E-07	6.99E-02	2.35E-04	4.17E+00	1.98E+00	2.09E+03	4.44E-04	2.09E+03	2.20E+03	6.73E+00	0.00E+00	0.00E+00	0.00E+00	8.61E+00
U-EACGROU	3.29E-02	6.28E+00	1.86E-01	7.62E+00	2.49E-04	0.00E+00	1.82E+01	2.65E-06	3.91E-03	4.27E-02	4.89E-03	3.91E-01	1.49E-08	6.74E-08	7.77E+00	2.02E+00	6.65E-03	1.86E-01	5.98E-02	1.10E+00	2.53E+02	2.14E+01	1.42E-06	2.81E-07	1.96E-02	5.02E-04	3.78E+00	4.79E-01	2.78E+02	6.35E-05	2.78E+02	2.51E+02	4.09E+00	0.00E+00	0.00E+00	0.00E+00	2.58E+00
U-EAVE6060	7.44E-02	1.96E+01	2.88E-01	1.87E+01	5.17E-05	0.00E+00	4.54E+01	1.42E-05	1.04E-02	1.12E-01	1.74E-02	4.08E-01	3.54E-08	1.49E-07	5.70E+00	6.02E-01	2.37E-02	6.03E-01	2.14E-01	1.62E+01	6.47E+02	2.49E+01	1.44E-06	3.85E-07	4.32E-02	4.83E-04	4.83E+00	1.71E+00	7.29E+02	1.26E-04	7.29E+02	6.91E+02	7.84E+00	0.00E+00	0.00E+00	0.00E+00	9.16E+00
U-EBF10620	1.55E-01	4.66E+01	-1.65E-01	4.63E+01	3.92E-05	0.00E+00	1.39E+02	4.34E-05	2.46E-02	2.74E-01	6.24E-02	2.63E+00	5.58E-08	2.99E-07	6.27E+00	8.93E-02	8.52E-02	2.30E+00	5.63E-01	1.05E+02	2.60E+03	6.78E+00	2.39E-07	8.78E-07	9.67E-02	5.59E-04	7.12E+00	6.46E+00	2.62E+03	3.89E-04	2.62E+03	2.75E+03	2.09E+01	0.00E+00	0.00E+00	0.00E+00	2.35E+01
U-EBF100622	1.60E-01	4.89E+01	-1.92E-01	5.17E+01	3.82E-05	0.00E+00	1.52E+02	5.49E-05	2.64E-02	2.91E-01	7.10E-02	2.63E+00	6.29E-08	3.37E-07	6.45E+00	8.80E-02	9.68E-02	2.56E+00	5.90E-01	1.05E+02	2.60E+03	7.37E+00	2.93E-07	9.31E-07	1.03E-01	5.57E-04	5.98E+00	7.58E+00	2.98E+03	4.54E-04	2.98E+03	2.98E+03	2.10E+01	0.00E+00	0.00E+00	0.00E+00	2.47E+01
U-EBF45620	1.38E-01	3.54E+01	7.41E-02	3.76E+01	7.33E-05	0.00E+00	8.97E+01	2.00E-05	2.03E-02	2.38E-01	3.41E-02	2.58E+00	4.23E-08	2.62E-07	1.28E+01	4.18E-01	4.58E-02	1.88E+00	2.22E-01	1.22E+02	1.94E+03	3.23E+01	1.23E-06	7.83E-07	8.57E-02	6.17E-04	5.00E+00	3.61E+00	2.07E+03	2.22E-04	2.07E+03	2.02E+03	9.57E+00	0.00E+00	0.00E+00	0.00E+00	9.60E+00
U-EBF45622	1.38E-01	3.51E+01	7.08E-02	3.73E+01	1.08E-04	0.00E+00	9.08E+01	2.00E-05	1.94E-02	2.26E-01	4.00E-02	2.56E+00	4.57E-08	2.60E-07	1.28E+01	4.90E-01	5.48E-02	1.62E+00	2.39E-01	1.21E+02	1.96E+03	3.20E+01	1.16E-06	7.78E-07	8.36E-02	6.16E-04	5.18E+00	4.24E+00	2.07E+03	2.82E-04	2.07E+03	2.01E+03	9.77E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+01
U-EBF6022HBT	1.52E-01	4.17E+01	6.52E-02	4.38E+01	1.00E-03	0.00E+00	3.17E+02	4.39E-05	2.16E-02	2.47E-01	5.57E-02	2.97E+00	6.05E-08	3.26E-07	2.38E+01	4.00E+00	7.57E-02	2.05E+00	5.78E-01	3.76E+02	2.21E+03	3.95E+01	6.91E-07	8.40E-07	9.99E-02	1.83E-03	8.23E+00	5.75E+00	2.37E+03	3.80E-04	2.37E+03	2.38E+03	2.44E+01	0.00E+00	0.00E+00	0.00E+00	2.56E+01
U-EBF606020HBT	1.49E-01	3.98E+01	6.11E-02	4.16E+01	4.92E-04	0.00E+00	2.89E+02	2.30E-05	2.06E-02	2.38E-01	5.01E-02	2.99E+00	5.83E-08	3.18E-07	2.20E+01	3.85E+00	6.81E-02	2.01E+00	5.11E-01	1.93E+02	2.18E+03	3.63E+01	7.17E-07	8.14E-07	8.90E-02	1.03E-03	7.78E+00	5.20E+00	2.32E+03	3.70E-04	2.32E+03	2.31E+03	2.44E+01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
U-EBF60620	1.47E-01	3.96E+01	1.07E-01	4.17E+01	5.59E-04	0.00E+00	1.26E+02	2.23E-05	2.06E-02	2.35E-01	4.88E-02	2.58E+00	6.24E-08	3.19E-07	1.69E+01	6.49E-01	6.59E-02	1.92E+00	4.88E-01	3.70E+02	2.13E+03	4.15E+01	1.20E-06	7.98E-07	8.86E-02	1.64E-03	6.57E+00	5.06E+00	2.29E+03	3.10E-04	2.29E+03	2.28E+03	2.10E+01	0.00E+00	0.00E+00	0.00E+00	2.05E+01
U-EBF608020HBT	1.48E-01	3.98E+01	7.97E-02	4.20E+01	1.00E-03	0.00E+00	3.16E+02	3.02E-05	2.06E-02	2.39E-01	5.24E-02	2.93E+00	5.99E-08	3.20E-07	2.40E+01	3.98E+00	7.12E-02	1.97E+00	5.82E-01	3.76E+02	2.17E+03	4.14E+01	6.91E-07	8.69E-07	8.90E-02	1.84E-03	8.21E+00	5.43E+00	2.31E+03	3.65E-04	2.31E+03	2.31E+03	2.43E+01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
U-EBF8022HBT	1.59E-01	4.85E+01	2.17E-01	5.10E+01	9.74E-04	0.00E+00	3.57E+02	5.36E-05	2.56E-02	2.91E-01	6.50E-02	3.04E+00	6.43E-08	3.71E-07	3.10E+01	3.93E+00	8.86E-02	2.29E+00	6.04E-01	5.13E+02	2.70E+03	6.11E+01	7.09E-07	9.10E-07	1.02E-01	2.49E-03	1.48E+01	6.72E+00	2.90E+03	4.39E-04	2.90E+03	2.86E+03	2.66E+01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
U-EBF806020HBT	1.50E-01	4.22E+01	2.38E-01	4.41E+01	9.62E-04	0.00E+00	3.37E+02	4.40E-05	2.19E-02	2.51E-01	5.83E-02	2.99E+00	6.05E-08	3.26E-07	2.39E+01	3.83E+00	7.89E-02	2.23E+00	5.78E-01	4.74E+02	2.48E+03	6.32E+01	1.04E-06	8.74E-07	9.15E-02	2.24E-03	1.25E+01	6.00E+00	2.56E+03	4.18E-04	2.56E+03	2.55E+03	2.44E+01	0.00E+00	0.00E+00	0.00E+00	2.57E+01
U-EBF80620	1.49E-01	4.13E+01	3.15E-01	4.34E+01	6.42E-04	0.00E+00	1.62E+02	4.32E-05	2.15E-02	2.47E-01	5.54E-02	2.67E+00	6.35E-08	3.26E-07	2.36E+01	6.05E-01	7.53E-02	1.91E+00	5.69E-01	5.79E+02	2.13E+03	6.25E+01	1.45E-06	8.12E-07	9.00E-02	2.26E-03	1.04E+01	5.72E+00	2.30E+03	3.27E-04	2.30E+03	2.34E+03	2.37E+01	0.00E+00	0.00E+00	0.00E+00	2.50E+01
U-EBF808020HBT	1.55E-01	4.23E+01	2.37E-01	4.41E+01	9.87E-04	0.00E+00	3.48E+02	4.47E-05	2.21E-02	2.55E-01	5.90E-02	3.00E+00	6.09E-08	3.32E-07	3.09E+01	3.83E+00	7.97E-02	2.02E+00	5.84E-01	5.16E+02	2.26E+03	6.17E+01	7.21E-07	8.36E-07	9.26E-02	2.39E-03	1.66E+01	6.06E+00	2.40E+03	3.95E-04	2.40E+03	2.44E+03	2.64E+01	0.00E+00	0.00E+00	0.00E+00	2.62E+01
U-EBS100620	2.66E-01	7.10E+01	-4.32E-01	7.24E+01	8.35E-03	0.00E+00	4.08E+02	6.59E-05	4.03E-02	4.35E-01	1.09E-01	2.62E+00	8.63E-08	5.63E-07	1.35E+02	1.63E+01	1.46E-01	3.21E+00	6.27E-01	2.22E+00	6.49E+03	6.01E+00	3.69E-07	1.34E-06	1.53E-01	2.57E-03	1.42E+01	1.15E+01	6.58E+03	8.86E-04	6.58E+03	6.99E+03	2.57E+01	0.00E+00	0.00E+00	0.00E+00	2.64E+01
U-EBS100622	2.68E-01	7.21E+01	-4.65E-01	7.35E+01	8.35E-03	0.00E+00	4.33E+02	6.93E-05	4.06E-02	4.40E-01	1.12E-01	2.62E+00	8.78E-08	5.97E-07	1.35E+02	1.63E+01	1.54E-01	3.28E+00	6.27E-01	2.23E+00	1.04E+04	6.11E+00	3.72E-07	1.37E-06	1.55E-01	2.57E-03	1.42E+01	1.17E+01	1.04E+04	8.99E-04	1.04E+04	1.10E+04	2.60E+01	0.00E+00	0.00E+00	0.00E+00	2.67E+01
U-EBS45620	1.40E-01	3.94E+01	-1.54E-01	4.13E+01	4.78E-03	0.00E+00	1.21E+02	3.23E-05	2.06E-02	2.36E-01	5.11E-02	2.61E+00	5.13E-08	2.60E-07	9.30E+01	1.03E+01	6.92E-02	2.16E+00	5.03E-01	2.04E+02	2.36E+03	5.97E+00	2.42E-07	8.55E-07	8.63E-02	2.44E-03	1.13E+01	5.30E+00	2.69E+03	3.60E-04	2.69E+03	2.52E+03	2.26E+01	0.00E+00	0.00E+00	0.00E+00	2.26E+01
U-EBS45622	1.42E-01	4.03E+01	-1.64E-01	4.22E+01	4.51E-03	0.00E+00	1.32E+02	4.05E-05	2.13E-02	2.42E-01	5.37E-02	2.61E+00	5.35E-08	2.72E-07	9.20E+01	9.73E+00	7.30E-02	2.18E+00	5.71E-01	2.03E+02	2.43E+03	5.85E+00	2.42E-07	8.51E-07	8.70E-02	2.45E-03	1.12E+01	5.56E+00	2.74E+03	3.74E-04	2.74E+03	2.59E+03	2.20E+01	0.00E+00	0.00E+00	0.00E+00	2.26E+01
U-EBS6022HBT	2.07E-01	6.58E+01	-2.55E-01	6.65E+01	7.31E-03	0.00E+00	3.99E+02	5.88E-05	3.55E-02	3.89E-01	7.59E-02	2.98E+00	6.84E-08	4.86E-07	1.36E+02	1.63E+01	1.03E-01	2.47E+00	5.84E-01	2.31E+02	3.83E+03	1.14E+01	4.24E-07	1.01E-06	1.36E-01	2.78E-03	1.90E+01	7.77E+00	3.80E+03	5.83E-04	3.80E+03	3.83E+03	2.74E+01	0.00E+00	0.00E+00	0.00E+00	2.43E+01
U-EBS606020HBT	1.60E-01	4.94E+01	-1.86E-01	5.17E+01	5.88E-03	0.00E+00	1.73E+02	6.01E-05	2.63E-02	2.95E-01	6.66E-02	2.99E+00	5.85E-08	3.47E-07	1.32E+02	1.37E+01	9.05E-02	2.32E+00	5.91E-01	2.24E+02	2.84E+03	7.81E+00	2.99E-07	8.93E-07	1.03E-01	2.72E-03	1.85E+01	6.93E+00	3.19E+03	5.21E-04	3.19E+03	3.01E+03	2.71E+01	0.00E+00	0.00E+00	0.00E+00	2.41E+01
U-EBS60620	1.60E-01	5.03E+01	-2.32E-01	5.30E+01	6.43E-03	0.00E+00	1.68E+02	5.98E-05	2.71E-02	3.00E-01	7.22E-02	2.65E+00	6.51E-08	3.60E-07	1.35E+02	1.36E+01	9.82E-02	2.41E+00	5.87E-01	2.04E+02	2.82E+03	6.84E+00	2.99E-07	9.18E-07	1.05E-01	2.56E-03	1.33E+01	7.64E+00	3.20E+03	5.25E-04	3.20E+03	3.07E+03	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.38E+01
U-EBS60622	1.76E-01	5.71E+01	-2.40E-01	5.81E+01	6.92E-03	0.00E+00	2.19E+02	5.98E-05	3.02E-02	3.33E-01	7.53E-02	2.64E+00	6.84E-08	4.11E-07	1.35E+02	1.41E+01	1.02E-01	2.41E+00	5.80E-01	2.06E+02	3.07E+03	6.30E+00	3.49E-07	9.32E-07	1.16E-01	2.56E-03	1.41E+01	7.70E+00	3.38E+03	5.39E-04	3.38E+03	3.31E+03	2.49E+01	0.00E+00	0.00E+00	0.00E+00	2.40E+01
U-EBS608020HBT	1.74E-01	5.75E+01	-2.37E-01	5.82E+01	7.31E-03	0.00E+00	3.91E+02	5.88E-05	3.02E-02	3.35E-01	7.56E-02	2.98E+00	6.77E-08	4.10E-07	1.36E+02	1.63E+01	1.02E-01	2.46E+00	5.80E-01	2.29E+02	3.08E+03	1.14E+01	4.21E-07	9.42E-07	1.16E-01	2.72E-03	1.90E+01	7.76E+00	3.36E+03	5.40E-04	3.36E+03	3.31E+03	2.74E+01	0.00E+00	0.00E+00	0.00E+00	2.42E+01
U-EBS8022HBT	2.39E-01	6.79E+01	-3.69E-01	6.96E+01	8.74E-03	0.00E+00	5.52E+02	5.73E-05	3.84E-02	4.21E-01	9.81E-02	2.99E+00	8.11E-08	5.28E-07	1.36E+02	1.85E+01	1.32E-01	2.93E+00	5.80E-01	2.35E+02	4.37E+03	1.10E+01	4.41E-07	1.10E-06	1.46E-01	2.79E-03	1.86E+01	9.96E+00	4.36E+03	8.23E-04	4.36E+03	4.56E+03	2.77E+01	0.00E+00	0.00E+00	0.00E+00	2.42E+01
U-EBS806020HBT	2.11E-01	6.59E+01	-2.99E-01	6.70E+01	8.74E-03	0.00E+00	5.46E+02	5.70E-05	3.59E-02	3.92E-01	8.69E-02	2.99E+00	7.25E-08	4.90E-07	1.36E+02	1.83E+01	1.20E-01	2.68E+00	5.82E-01	2.32E+02	3.84E+03	1.15E+01	4.34E-07	1.03E-06	1.36E-01	2.79E-03	1.86E+01	8.99E+00	3.85E+03	6.26E-04	3.85E+03	3.88E+03	2.74E+01	0.00E+00	0.00E+00	0.00E+00	2.41E+01
U-EBS80620	2.28E-01	6.72E+01	-3.01E-01	6.79E+01	8.35E-03	0.00E+00	3.67E+02	5.91E-05	3.71E-02	4.01E-01	9.29E-02	2.65E+00	7.99E-08	5.07E-07	1.35E+02	1.63E+01	1.25E-01	2.85E+00	5.80E-01	2.15E+02	4.21E+03	6.07E+00	3.87E-07	1.05E-06	1.40E-01	2.57E-03	1.42E+01	9.22E+00	4.38E+03	6.70E-04	4.38E+03	4.60E+03	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.33E+01
U-EBS80622	2.41E-01	6.79E+01	-3.33E-01	6.89E+01	8.35E-03	0.00E+00	3.72E+02	5.92E-05	3.82E-02	4.13E-01	9.74E-02	2.65E+00	8.09E-08	5.22E-07	1.35E+02	1.63E+01	1.30E-01	2.85E+00	5.69E-01	2.16E+02	4.47E+03	6.07E+00	3.71E-07	1.05E-06	1.44E-01	2.57E-03	1.42E+01	9.44E+00	4.63E+03	8.31E-04	4.63E+03	4.82E+03	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.36E+01
U-EBS808020HBT	2.21E-01	6.69E+01	-3.00E-01	6.81E+01	8.74E-03	0.00E+00	5.49E+02	5.68E-05	3.71E-02	4.03E-01	9.30E-02	2.99E+00	8.01E-08	5.08E-07	1.36E+02	1.85E+01	1.25E-01	2.88E+00	5.63E-01	2.34E+02	4.33E+03	1.12E+01	4.44E-07	1.06E-06	1.41E-01	2.79E-03	1.86E+01	9.24E+00	4.34E+03	7.48E-04	4.34E+03	4.52E+03	2.75E+01	0.00E+00	0.00E+00	0.00E+00	2.35E+01
U-ES3ST3P	3.94E-02	1.81E+00	5.78E-02	1.80E+00	2.48E-04	0.00E+00	2.46E+01	2.90E-05	1.51E-03	1.53E-02	2.47E-03	6.80E-01	3.85E-08	8.13E-08	5.07E+00	2.18E+00	3.31E-03	8.05E-02	3.83E-02	4.51E-01	1.74E+02	7.80E+00	2.03E-07	2.48E-07	7.16E-03	2.76E-04	3.44E+00	2.44E-01	1.93E+02	3.20E-04	1.93E+02	1.57E+02	3.74E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+00
U-ES4ST4P	9.75E-03	2.57E+00	1.09E-01	2.59E+00	7.29E-04	0.00E+00	9.02E+00	4.77E-06	1.75E-03	1.97E-02	3.33E-03	6.56E-01	4.26E-08	1.84E-08	6.00E+00	5.86E+00	4.56E-03	9.12E-02	3.96E-02	1.02E+01	1.94E+02	1.26E+02	1.53E-07	8.18E-08	6.69E-03	4.72E-03	1.23E+01	3.38E-01	1.86E+02	2.12E-05	1.86E+02	1.91E+02	2.57E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+00
U-ES606020	1.58E+00	3.25E+02	-2.56E+00	2.98E+02	4.48E-05	0.00E+00	1.46E+03	2.79E-04	1.71E-01	2.50E+00	6.06E-01	1.22E+01	5.42E-07	2.63E-06	2.32E+01	9.11E-01	8.50E-01	2.08E+01	4.00E+00	2.82E+01	2.84E+04	1.10E+02	2.84E-06	5.64E-06	7.66E-01	1.52E-02	5.98E+01	4.51E+01	2.75E+04	4.19E-03	2.75E+04	2.72E+04	1.10E+02	0.00E+00	0.00E+00	0.00E+00	1.99E+02
U-ES606022	1.64E+00	3.36E+02	-2.61E+00	3.09E+02	4.48E-05	0.00E+00	1.47E+03	2.88E-04	1.76E-01	2.62E+00	6.21E-01	1.22E+01	5.53E-07	2.69E-06	2.31E+01	9.18E-01	8.70E-01	2.15E+01	4.17E+00	2.83E+01	2.89E+04	1.11E+02	2.84E-06	5.73E-06	7.95E-01	1.53E-02	6.07E+01	4.62E+01	2.80E+04	4.27E-03	2.80E+04	2.77E+04	1.11E+02	0.00E+00	0.00E+00	0.00E+00	2.09E+02
U-ES608020	1.66E+00	3.41E+02	-2.68E+00	3.11E+02	5.80E-05	0.00E+00	1.48E+03	2.91E-04	1.80E-01	2.68E+00	6.51E-01	1.22E+01	5.80E-07	2.73E-06	2.30E+01	9.32E-01	9.24E-01	2.19E+01	4.23E+00	2.87E+01	3.10E+04	1.13E+02	2.84E-06	5.83E-06	8.12E-01	1.55E-02	6.18E+01	4.80E+01	3.06E+04	4.37E-03	3.06E+04	3.05E+04	1.15E+02	0.00E+00	0.00E+00	0.00E+00	2.16E+02
U-ES608022	1.66E+00	3.41E+02	-2.72E+00	3.11E+02	5.80E-05	0.00E+00	1.48E+03	2.91E-04	1.80E-01	2.68E+00	6.52E-01	1.22E+01	5.81E-07	2.73E-06	2.30E+01	9.33E-01	9.27E-01	2.19E+01	4.23E+00	2.91E+01	3.26E+04	1.15E+02	2.84E-06	5.84E-06	8.12E-01	1.57E-02	6.20E+01	4.82E+01	3.22E+04	4.39E-03	3.22E+04	3.17E+04	1.17E+02	0.00E+00	0.00E+00	0.00E+00	2.16E+02
U-ES806020	1.65E+00	3.39E+02	-2.67E+00	3.09E+02	5.80E-05	0.00E+00	1.48E+03	2.87E-04	1.79E-01	2.65E+00	6.37E-01	1.22E+01	5.67E-07	2.71E-06	2.30E+01	9.22E-01	8.99E-01	2.16E+01	4.24E+00	2.85E+01	2.93E+04	1.12E+02	2.84E-06	5.81E-06	8.04E-01	1.54E-02	6.08E+01	4.73E+01	2.83E+04	4.32E-03	2.83E+04	2.85E+04	1.12E+02	0.00E+00	0.00E+00	0.00E+00	2.14E+02
U-ES806022	1.66E+00	3.40E+02	-2.70E+00	3.11E+02	5.80E-05

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	U-KS	2.21E-02	4.83E+00	6.11E-02	4.72E+00	5.41E-04	0.00E+00	4.49E+01	6.76E-06	3.66E-03	4.05E-02	8.05E-03	8.23E-01	2.38E-08	5.01E-08	8.01E-01	3.21E+00	1.08E-02	2.48E-01	6.08E-02	8.85E+01	1.99E+02	1.61E+01	3.06E-07	1.20E-07	1.74E-02	4.88E-04	1.09E+00	8.40E-01	2.23E+02	2.54E-05	2.23E+02	2.35E+02	2.64E+00	0.00E+00	0.00E+00	0.00E+00	2.46E+00
	U-KTR2	2.82E-02	7.73E+00	-1.53E-02	7.97E+00	2.75E-04	0.00E+00	1.60E+01	9.53E-06	4.62E-03	4.59E-02	6.82E-03	9.48E-01	5.29E-09	5.20E-08	7.99E+00	1.52E+00	9.28E-03	4.55E-01	9.09E-02	2.69E+01	5.12E+02	1.82E+00	2.78E-08	1.59E-07	1.87E-02	1.98E-04	2.50E+00	6.79E-01	5.09E+02	1.37E-04	5.09E+02	5.29E+02	3.12E+00	0.00E+00	0.00E+00	0.00E+00	4.04E+00
	U-KTR3	3.17E-02	9.26E+00	-3.03E-02	9.43E+00	3.09E-04	0.00E+00	2.19E+01	1.82E-05	5.65E-03	5.84E-02	1.10E-02	9.55E-01	9.81E-09	7.10E-08	7.66E+00	1.65E+00	1.48E-02	2.30E+00	1.05E-01	3.64E+01	1.28E+03	2.30E+00	4.72E-08	1.91E-07	2.18E-02	2.00E-04	2.49E+00	1.09E+00	1.21E+03	2.14E-04	1.21E+03	1.25E+03	4.17E+00	0.00E+00	0.00E+00	0.00E+00	4.60E+00
	U-LELK602060	1.27E+00	2.54E+02	-1.24E+00	2.45E+02	5.78E-04	0.00E+00	1.28E+03	1.86E-04	1.42E-01	1.95E+00	3.95E-01	7.21E+00	3.85E-07	2.05E-06	9.86E+00	5.72E+00	5.60E-01	4.59E+00	2.34E+00	2.99E+01	1.86E+04	9.35E+01	2.24E-06	4.87E-06	6.35E-01	1.54E-02	3.66E+01	3.35E+01	1.84E+04	3.06E-03	1.84E+04	1.84E+04	6.20E+01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
	U-LELK602080	1.31E+00	2.61E+02	-1.24E+00	2.52E+02	5.62E-04	0.00E+00	1.29E+03	1.89E-04	1.46E-01	2.03E+00	4.23E-01	7.20E+00	3.97E-07	2.11E-06	1.03E+01	5.66E+00	5.95E-01	4.95E+00	2.81E+00	3.06E+01	2.33E+04	9.65E+01	2.27E-06	4.98E-06	6.50E-01	1.54E-02	3.97E+01	3.47E+01	2.40E+04	3.15E-03	2.40E+04	2.35E+04	7.98E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+02
	U-LELK602260	1.30E+00	2.62E+02	-1.24E+00	2.52E+02	5.52E-04	0.00E+00	1.29E+03	1.92E-04	1.46E-01	2.03E+00	4.19E-01	7.21E+00	3.98E-07	2.11E-06	1.04E+01	5.66E+00	5.94E-01	4.93E+00	2.81E+00	3.04E+01	2.39E+04	9.90E+01	2.27E-06	4.97E-06	6.50E-01	1.54E-02	4.30E+01	3.50E+01	2.36E+04	3.12E-03	2.36E+04	2.33E+04	7.62E+01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
	U-LELK602280	1.31E+00	2.64E+02	-1.29E+00	2.54E+02	5.59E-04	0.00E+00	1.31E+03	1.95E-04	1.46E-01	2.04E+00	4.30E-01	7.40E+00	4.09E-07	2.11E-06	1.03E+01	5.66E+00	6.10E-01	5.32E+00	2.85E+00	3.08E+01	2.53E+04	9.97E+01	2.39E-06	4.96E-06	6.51E-01	1.56E-02	4.33E+01	3.53E+01	2.56E+04	3.18E-03	2.56E+04	2.49E+04	8.78E+01	0.00E+00	0.00E+00	0.00E+00	1.37E+02
	U-LFSL	1.96E-02	2.17E+00	2.09E-02	2.17E+00	1.04E-04	0.00E+00	1.05E+01	2.98E-06	1.50E-03	1.84E-02	3.60E-03	2.24E-01	1.23E-08	2.02E-08	4.75E+00	4.59E-01	4.85E-03	1.18E-01	3.08E-02	2.85E+01	1.61E+02	2.29E-01	3.74E-08	1.70E-07	6.48E-03	3.00E-04	1.79E+00	3.59E-01	1.91E+02	1.63E-04	1.91E+02	1.59E+02	1.69E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00
	U-LFSLXR	2.51E-02	2.17E+00	2.67E-02	2.18E+00	4.83E-03	0.00E+00	1.68E+01	1.08E-05	1.55E-03	1.89E-02	3.60E-03	6.01E-02	1.23E-08	2.02E-08	7.88E+01	9.37E+00	4.86E-03	1.21E-01	8.80E-02	1.39E+00	1.60E+02	2.63E-01	7.55E-08	1.77E-07	6.88E-03	2.23E-03	8.13E+00	3.69E-01	1.90E+02	1.03E-04	1.90E+02	1.56E+02	1.02E+01	0.00E+00	0.00E+00	0.00E+00	3.49E+00
	U-LNT2000	9.56E-02	2.06E+00	1.27E-01	1.94E+00	4.33E-07	0.00E+00	4.98E+01	8.17E-04	1.98E-03	2.36E-02	3.58E-03	6.79E+01	1.55E-08	1.28E-06	1.52E+02	2.49E+00	4.85E-03	1.32E-01	1.24E-01	4.33E+01	3.61E+01	1.07E-01	4.32E-07	5.72E-07	1.27E-02	3.36E-04	3.17E+00	3.55E-01	3.62E+01	7.65E-04	3.62E+01	3.97E+01	3.53E+00	0.00E+00	0.00E+00	0.00E+00	5.32E+00
	U-LNT2500	1.32E-01	2.85E+00	1.75E-01	2.67E+00	5.97E-07	0.00E+00	6.86E+01	1.13E-03	2.73E-03	3.25E-02	4.94E-03	9.36E+01	2.13E-08	1.76E-06	2.09E+02	3.43E+00	6.69E-03	1.82E-01	1.71E-01	5.97E+01	4.97E+01	1.45E-01	5.96E-07	7.89E-07	1.75E-02	4.63E-04	4.37E+00	4.90E-01	4.99E+01	1.05E-03	4.99E+01	5.47E+01	4.86E+00	0.00E+00	0.00E+00	0.00E+00	7.33E+00
	U-LNT3200	1.76E-01	3.80E+00	2.34E-01	3.57E+00	7.96E-07	0.00E+00	9.16E+01	1.50E-03	3.65E-03	4.35E-02	6.59E-03	1.25E+02	2.84E-08	2.35E-06	2.79E+02	4.57E+00	8.92E-03	2.42E-01	2.28E-01	7.99E+01	6.68E+01	1.91E-01	7.95E-07	1.05E-06	2.33E-02	6.18E-04	6.01E+00	6.53E-01	6.70E+01	1.41E-03	6.70E+01	7.36E+01	6.66E+00	0.00E+00	0.00E+00	0.00E+00	9.79E+00
	U-LNT4000	2.20E-01	4.75E+00	2.92E-01	4.46E+00	9.95E-07	0.00E+00	1.14E+02	1.88E-03	4.56E-03	5.43E-02	8.23E-03	1.56E+02	3.55E-08	2.93E-06	3.48E+02	5.71E+00	1.11E-02	3.03E-01	2.85E-01	9.97E-01	8.33E+01	2.37E-01	9.94E-07	1.32E-06	2.91E-02	7.73E-04	7.46E+00	8.16E-01	8.36E+01	1.76E-03	8.36E+01	9.18E+01	8.28E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+01
	ULS4	4.71E-02	1.61E+00	7.14E-02	1.66E+00	1.67E-07	0.00E+00	2.39E+01	8.12E-05	1.48E-03	1.60E-02	2.17E-03	2.40E-01	3.34E-08	7.75E-07	1.08E+00	9.51E-01	2.93E-03	6.45E-02	1.22E-01	6.07E+00	1.18E+02	4.42E+00	2.24E-07	2.98E-07	7.69E-03	4.85E-03	1.16E+00	2.12E-01	1.00E+02	4.13E-04	1.00E+02	8.99E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	3.01E+00
	U-M453TB250-3F	4.13E-02	1.20E+01	-3.48E-02	1.25E+01	9.06E-04	0.00E+00	4.41E+03	1.39E-05	6.11E-03	6.40E-02	1.45E-02	9.89E-01	3.27E-08	1.14E-07	2.05E+00	2.54E+00	1.97E-02	4.99E-01	7.69E-02	4.18E+01	5.88E+02	7.10E+00	6.30E-08	2.12E-07	2.40E-02	2.30E-04	2.79E+00	1.56E+00	6.09E+02	1.02E-04	6.09E+02	7.46E+02	4.58E+00	0.00E+00	0.00E+00	0.00E+00	3.10E+00
	U-M453TB125-3F	4.13E-02	1.20E+01	-3.48E-02	1.25E+01	9.06E-04	0.00E+00	4.41E+03	1.39E-05	6.11E-03	6.40E-02	1.45E-02	9.89E-01	3.27E-08	1.14E-07	2.07E+00	2.54E+00	1.97E-02	4.99E-01	7.69E-02	4.18E+01	5.88E+02	7.10E+00	6.29E-08	2.13E-07	2.40E-02	2.30E-04	2.79E+00	1.56E+00	6.09E+02	1.02E-04	6.09E+02	7.46E+02	4.58E+00	0.00E+00	0.00E+00	0.00E+00	3.10E+00
	U-M454TB250-4F	4.93E-02	1.27E+01	-3.71E-02	1.34E+01	9.66E-04	0.00E+00	4.41E+03	1.38E-05	7.04E-03	7.38E-02	1.94E-02	1.03E+00	3.39E-08	1.38E-07	2.27E+00	2.56E+00	2.67E-02	9.30E-01	1.11E-01	6.30E+01	9.36E+02	8.53E+00	8.74E-08	2.68E-07	2.81E-02	5.51E-04	3.88E+00	2.01E+00	9.61E+02	1.18E-04	9.61E+02	1.11E+03	7.01E+00	0.00E+00	0.00E+00	0.00E+00	4.69E+00
	U-M454TB125-3R	2.73E-01	7.77E+01	9.27E-02	7.73E+01	1.69E-03	0.00E+00	9.14E+03	1.11E-04	4.18E-02	4.57E-01	3.86E-02	4.21E+00	6.33E-08	8.67E-07	1.22E+01	2.97E+00	5.33E-02	8.39E+00	6.58E-01	1.10E+01	4.02E+03	8.76E+00	5.07E-07	1.65E-06	1.67E-01	9.29E-03	1.80E+01	3.62E+00	4.33E+03	2.80E-04	4.33E+03	4.52E+03	8.98E+00	0.00E+00	0.00E+00	0.00E+00	2.71E+01
	U-M454TB125-4F	4.93E-02	1.27E+01	-3.71E-02	1.34E+01	9.66E-04	0.00E+00	4.41E+03	1.38E-05	7.04E-03	7.38E-02	1.94E-02	1.03E+00	3.39E-08	1.38E-07	2.26E+00	2.56E+00	2.67E-02	9.30E-01	1.11E-01	6.30E+01	9.36E+02	8.53E+00	8.74E-08	2.68E-07	2.81E-02	5.51E-04	3.88E+00	2.01E+00	9.61E+02	1.18E-04	9.61E+02	1.11E+03	7.01E+00	0.00E+00	0.00E+00	0.00E+00	4.69E+00
	U-M602-160-3RW	2.67E-01	7.12E+01	1.94E-01	7.07E+01	1.70E-03	0.00E+00	1.23E+02	6.15E-05	3.95E-02	4.26E-01	3.04E-02	1.97E+01	5.13E-08	7.59E-07	1.25E+01	2.90E+00	3.74E-02	8.20E+00	3.92E-01	1.10E+01	2.41E+03	4.34E+00	1.17E-06	1.68E-06	1.63E-01	8.96E-03	1.77E+01	3.14E+00	2.02E+03	2.37E-04	2.02E+03	2.59E+03	8.14E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+01
	U-M602-160-4RW	2.68E-01	7.13E+01	1.94E-01	7.11E+01	1.70E-03	0.00E+00	1.26E+02	6.17E-05	3.97E-02	4.29E-01	3.07E-02	1.97E+01	5.26E-08	7.63E-07	1.25E+01	2.90E+00	3.76E-02	8.20E+00	3.91E-01	1.10E+01	2.41E+03	4.34E+00	1.17E-06	1.68E-06	1.64E-01	8.96E-03	1.77E+01	3.14E+00	2.02E+03	2.37E-04	2.02E+03	2.59E+03	8.60E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+01
	U-M603-160-3RW	2.62E-01	7.58E+01	1.41E-01	7.64E+01	1.70E-03	0.00E+00	1.28E+02	6.56E-05	4.11E-02	4.47E-01	3.71E-02	1.97E+01	4.91E-08	7.95E-07	1.25E+01	2.90E+00	4.55E-02	8.32E+00	4.93E-01	1.10E+01	2.95E+03	4.51E+00	1.17E-06	1.67E-06	1.65E-01	8.96E-03	1.77E+01	3.70E+00	2.62E+03	3.01E-04	2.62E+03	3.19E+03	8.69E+00	0.00E+00	0.00E+00	0.00E+00	1.93E+01
	U-M603-160-4RW	2.62E-01	7.58E+01	1.41E-01	7.64E+01	1.70E-03	0.00E+00	1.28E+02	6.56E-05	4.11E-02	4.47E-01	3.71E-02	1.97E+01	4.91E-08	7.95E-07	1.25E+01	2.90E+00	4.55E-02	8.32E+00	4.93E-01	1.10E+01	2.95E+03	4.51E+00	1.17E-06	1.67E-06	1.65E-01	8.96E-03	1.77E+01	3.70E+00	2.62E+03	3.01E-04	2.62E+03	3.19E+03	8.69E+00	0.00E+00	0.00E+00	0.00E+00	1.93E+01
	U-M603TB250-3F	1.08E-01	1.56E+01	-3.76E-02	1.61E+01	8.96E-04	0.00E+00	3.84E+01	1.39E-05	1.30E-02	1.47E-01	2.00E-02	7.88E-01	3.25E-08	1.78E-07	2.24E+00	2.55E+00	2.76E-02	1.01E+00	1.14E-01	5.58E+01	1.02E+03	3.41E+00	8.90E-08	6.40E-07	6.79E-02	2.44E-04	3.83E+00	2.01E+00	1.05E+03	1.39E-04	1.05E+03	1.22E+03	6.55E+00	0.00E+00	0.00E+00	0.00E+00	4.83E+00
	U-M603TBH250-3R	2.67E-01	7.64E+01	7.10E-02	7.94E+01	1.54E-03	0.00E+00	3.86E+02	1.38E-04	4.04E-02	4.36E-01	5.28E-02	3.95E+00	8.25E-08	9.67E-07	1.05E+01	1.85E+00	7.02E-02	8.41E+00	7.51E-01	1.04E+01	2.97E+03	8.24E+00	4.99E-07	1.63E-06	1.64E-01	8.96E-03	1.81E+01	5.14E+00	3.37E+03	3.15E-04	3.37E+03	3.23E+03	1.01E+01	0.00E+00	0.00E+00	0.00E+00	2.97E+01
	U-M603TBS125-3F	1.07E-01	1.61E+01	-3.76E-02	1.66E+01	0.00E+00	0.00E+00	3.87E+01	1.39E-05	1.31E-02	1.48E-01	2.00E-02	3.62E-01	3.24E-08	1.79E-07	2.25E+00	3.56E-02	2.77E-02	1.01E+00	1.14E-01	5.72E+01	1.01E+03	3.40E+00	8.40E-08	6.40E-07	6.79E-02	2.46E-04	3.78E+00	2.01E+00	1.05E+03	1.38E-04	1.05E+03	1.06E+03	6.30E+00	0.00E+00	0.00E+00	0.00E+00	4.85E+00
	U-M603TBS125-3R	2.67E-01	7.65E+01	7.21E-02	7.94E+01	1.54E-03	0.00E+00	3.88E+02	1.38E-04	4.05E-02	4.37E-01	5.26E-02	3.95E+00	8.23E-08	9.68E-07	1.05E+01	1.85E+00	6.97E-02	8.50E+00	7.47E-01	1.04E+01	2.97E+03	8.23E+00	4.95E-07	1.63E-06	1.64E-01	8.96E-03	1.81E+01	5.11E+00	3.37E+03	3.15E-04	3.37E+03	3.23E+03	1.01E+01	0.00E+00	0.00E+00	0.00E+00	2.94E+01
	U-M603TBS125-3W	2.66E-01	7.53E+01	5.37E-02	7.83E+01	1.73E-03	0.00E+00	4.20E+02	1.37E-04	4.03E-02	4.39E-01	5.63E-02	4.03E+00	9.54E-08	9.60E-07	1.34E+01	3.01E+00	7.42E-02	8.23E+00	7.14E-01	1.04E+01	4.81E+03	1.99E+01	5.21E-07	1.62E-06	1.62E-01	8.99E-03	1.82E+01	5.70E+00	5.84E+03	3.16E-04	5.84E+03	6.01E+03	1.05E+01	0.00E+00	0.00E+00	0.00E+00	2.79E+01
	U-M603TBS250-3R	2.67E-01	7.65E+01	7.21E-02	7.94E+01	1.54E-03	0.00E+00	3.86E+02	1.38E-04	4.05E-02	4.37E-01	5.26E-02	3.95E+00	8.23E-08	9.68E-07	1.05E+01	1.85E+00	6.97E-02	8.50E+00	7.47E-01	1.04E+01	2.97E+03	8.23E+00	4.95E-07	1.63E-06	1.64E-01	8.96E-03	1.81E+01	5.11E+00	3.37E+03	3.15E-04	3.37E+03	3.23E+03	1.01E+01	0.00E+00	0.00E+00	0.00E+00	2.94E+01
	U-M604TB250-4F	1.12E-01	1.94E+01	-2.71E-02	1.98E+01	8.96E-04	0.00E+00	4.14E+01	1.39E-05	1.53E-02	1.68E-01	2.38E-02	8.75E-01	3.99E-08	1.77E-07	2.36E+00	2.56E+00	3.24E-02	1.18E+00	1.15E-01	7.91E+01	1.12E+03	4.83E+00	1.56E-07	7.68E-07	6.84E-02	5.66E-04	3.95E+00	2.41E+00	1.12E+03	2.44E-04	1.12E+03	1.28E+03	6.95E+00	0.00E+00	0.00E+00	0.00E+00	4.86E+00
	U-M604TB630-3F	1.21E-01	1.94E+01	-2.69E-02	2.24E+01	8.96E-04	0.00E+00	4.14E+01	1.39E-05	1.54E-02	1.78E-01	2.37E-02	1.03E+00	4.21E-08	2.01E-07	4.26E+00	2.57E+00	3.23E-02	1.18E+00	1.15E-01	7.91E+01	1.13E+03	4.53E+00	1.57E-07	7.67E-07	6.84E-02	5.66E-04	3.98E+00	2.62E+00	1.15E+03	2.56E-04	1.15E+03	1.29E+03	7.14E+00	0.00E+00	0.00E+00	0.00E+00	4.85E+00
	U-M604TBH250-4R	2.69E-01	7.67E+01	4.63E-02	7.99E+01	1.69E-03	0.00E+00	3.95E+02	1.39E-04	4.06E-02	4.36E-01	6.23E-02	4.05E+00	9.01E-08	9.70E-07	1.36E+01	2.90E+00	8.19E-02	8.22E+00	7.83E-01	1.04E+01	3.03E+03	8.56E+00	4.96E-07	1.64E-06	1.64E-01	8.96E-03	1.81E+01	6.04E+00	3.43E+03	3.46E-04	3.43E+03	3.28E+03	1.31E+01	0.00E+00	0.00E+00	0.00E+00	3.16E+01
	U-M604TBS125-3W	2.68E-01	7.62E+01	3.47E-02	7.96E+01	1.73E-03	0.00E+00	4.30E+02	1.39E-04	4.07E-02	4.44E-01	6.24E-02	4.05E+00	9.89E-08	9.66E-07	1.36E+01	3.01E+00	8.20E-02	8.03E+00	7.49E-01	1.04E+01	4.88E+03	1.97E+01	5.17E-07	1.62E-06	1.65E-01	8.99E-03	1.82E+01	6.31E+00	5.92E+03	3.46E-04	5.92E+03	6.10E+03	1.32E+01	0.00E+00	0.00E+00	0.00E+00	2.96E+01
	U-M604TBS125-4F	1.15E-01	1.94E+01	-2.52E-02	1.98E+01	8.96E-04	0.00E+00	4.17E+01	1.39E-05	1.54E-02	1.68E-01	2.38E-02	8.85E-01	3.99E-08	1.77E-07	2.38E+00	2.56E+00	3.25E-02	1.18E+00	1.15E-01	7.91E+01	1.12E+03	4.86E+00	2.42E-07	7.68E-07	6.85E-02	5.66E-04	3.99E+00	2.41E+00	1.12E+03	2.44E-04	1.12E+03	1.28E+03	6.95E+00	0.00E+00	0.00E+00	0.00E+00	4.86E+00
	U-M604TBS125-4R	2.75E-01	7.65E+01	5.09E-02	7.94E+01	1.69E-03	0.00E+00	3.90E+02	1.39E-04	4.07E-02	4.46E-01	6.19E-02	4.05E+00	8.95E-08	9.77E-07	1.36E+01	2.97E+00	8.13E-02	8.23E+00	7.68E-01	1.04E+01	3.99E+03	9.04E+00	4.95E-07	1.63E-06	1.66E-01	8.99E-03	1.81E+01	6.01E+00	4.62E+03	3.38E-04	4.62E+03	4.56E+03	1.31E+01	0.00E+00	0.00E+00	0.00E+00	3.10E+01
	U-M604TBS125-4W	2.67E-01	7.59E+01	2.64E-02	7.97E+01	1.74E-03	0.00E+00	4.33E+02	1.38E-04	4.04E-02	4.42E-01	6.44E-02	4.10E+00	9.93E-08	9.58E-07	1.41E+01	3.01E+00	8.47E-02	8.01E+00	7.72E-01	1.04E+01	4.85E+03	1.95E+01	5.15E-07	1.61E-06	1.63E-01	8.99E-03	1.82E+01	6.44E+00	5.90E+03	3.49E-04	5.90E+03	6.08E+03	1.62E+01	0.00E+00	0.00E+00	0.00E+00	3.09E+01
	U-M604TBS250-3W	2.68E-01	7.62E+01	2.22E-02	7.97E+01	1.74E-03	0.00E+00	4.30E+02	1.38E-04	4.06E-02	4.44E-01	6.44E-02	4.09E+00	9.89E-08	9.64E-07	1.41E+01	3.01E+00	8.50E-02	8.02E+00	7.69E-01	1.04E+01	4.88E+03	1.97E+01	5.18E-07	1.62E-06	1.64E-01	8.99E-03	1.82E+01	6.47E+00	5.90E+03	3.47E-04	5.90E+03	6.08E+03	1.63E+01	0.00E+00	0.00E+00	0.00E+00	3.07E+01
	U-M604TBS250-4R	2.69E-01	7.64E+01	5.09E-02	7.94E+01	1.69E-03	0.00E+00	3.90E+02	1.39E-04	4.02E-02	4.34E-01	6.22E-02	4.05E+00	8.96E-08	9.68E-07	1.36E+01	2.90E+00	8.18E-02	8.18E+00	7.70E-01	1.04E+01	3.02E+03	8.50E+00	4.96E-07	1.63E-06	1.64E-01	8.99E-03	1.81E+01	6.03E+00	3.43E+03	3.42E-04	3.43E+03	3.28E+03	1.31E+01	0.00E+00	0.00E+00	0.00E+00	3.11E+01
	U-M604TBS630-3R	2.70E-01	7.62E+01	3.46E-02	7.97E+01	1.74E-03	0.00E+00	4.31E+02	1.39E-04	4.06E-02	4.45E-01	6.25E-02	4.05E+00	1.01E-07	9.73E-07	1.41E+01	3.01E+00	8.21E-02	8.62E+00	7.48E-01	1.04E+01	4.86E+03	1.96E+01	5.16E-07	1.64E-06	1.66E-01	8.99E-03	1.82E+01	6.31E+00	5.92E+03	3.46E-04	5.92E+03	6.10E+03	1.33E+01	0.00E+00	0.00E+00	0.00E+00	2.96E+01
	U-M605TB630-4F	1.38E-01	2.94E+01	-1.89E-02	3.16E+01	9.06E-04	0.00E+00	4.43E+03	1.46E-05	1.96E-02	2.28E-01	2.69E-02	1.47E+00	5.16E-08	2.48E-07	4.31E+00	2.57E+00	3.67E-02	1.78E+00	1.18E-01	7.73E+01	1.43E+03	1.01E+01	2.89E-07	8.36E-07	9.35E-02	5.63E-04	4.14E+00	2.94E+00	1.59E+03	2.80E-04	1.59E+03	1.74E+03	7.42E+00	0.00E+00	0.00E+00	0.00E+00	5.04E+00
	U-M605TB800-3F	1.36E-01	3.53E+01	-1.95E-02	3.71E+01	9.06E-04	0.00E+00	4.44E+03	1.41E-05	2.15E-02	2.48E-01	2.85E-02	1.79E+00	5.22E-08	2.55E-07	4.33E+00	2.57E+00	3.88E-02	1.77E+00	1.18E-01	7.73E+01	1.45E+03	1.01E+01	2.89E-07	8.67E-07	8.89E-02	5.63E-04	4.13E+00	3.10E+00	1.60E+03	2.80E-04	1.60E+03	1.75E+03	7.42E+00	0.00E+00	0.00E+00	0.00E+00	5.04E+00
	U-M605TBS250-4W	2.71E-01	7.75E+01	7.41E-04	8.12E+01	1.74E-03	0.00E+00	9.21E+03	1.51E-04	4.15E-02	4.52E-01	7.33E-02	4.29E+00	1.02E-07	9.72E-07	1.45E+01	3.02E+00	9.70E-02	8.03E+00	1.20E+00	1.10E+01	5.07E+03	1.92E+01	5.22E-07	1.62E-06	1.67E-01	9.28E-03	1.85E+01	7.38E+00	6.08E+03	4.45E-04	6.08E+03	6.24E+03	2.69E+01	0.00E+00	0.00E+00	0.00E+00	4.72E+01
	U-M605TBS630-4R	2.76E-01	8.06E+01	-6.63E-03	8.43E+01	1.74E-03	0.00E+00	9.20E+03	1.59E-04	4.34E-02	4.67E-01	7.71E-02	4.26E+00	1.05E-07	9.87E-07	1.45E+01	3.02E+00	1.02E-01	8.05E+00	1.27E+00	1.10E+01	5.10E+03	1.94E+01	5.23E-07	1.70E-06	1.73E-01	9.29E-03	1.85E+01	7.75E+00	6.09E+03	4.48E-04	6.09E+03	6.28E+03	2.80E+01	0.00E+00	0.00E+00	0.00E+00	4.91E+01
	U-M608TB800-4F	1.28E-01	3.49E+01	-1.33E-01	3.68E+01	9.10E-04	0.00E+00	4.45E+03	2.09E-05	1.91E-02	2.17E-01	4.12E-02	1.78E+00	4.57E-08	2.49E-07	4.06E+00	2.59E+00	5.59E-02	1.99E+00	1.87E-01	7.98E+01	1.99E+03	1.03E+01	2.41E-07	8.32E-07	8.04E-02	5.61E-04	4.06E+00	4.35E+00	2.00E+03	3.24E-04	2.00E+03	2.12E+03	9.05E+00	0.00E+00	0.00E+00	0.00E+00	8.35E+00
	U-M702-160-3RW	2.70E-01	7.58E+01	1.92E-01	7.65E+01	1.70E-03	0.00E+00	9.09E+03	6.40E-05	4.13E-02	4.50E-01	3.20E-02	1.98E+01	5.46E-08	7.97E-07	1.26E+01	2.90E+00	3.93E-02	8.20E+00	3.93E-01	1.14E+01	2.50E+03	4.40E+00	1.18E-06	1.70E-06	1.68E-01	9.32E-03	1.78E+01	3.35E+00	2.11E+03	2.93E-04	2.11E+03	2.68E+03	8.30E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+01
	U-M702-160-4RW	2.69E-01	7.58E+01	1.54E-01	7.65E+01	1.70E-03	0.00E+00	9.09E+03	6.50E-05	4.12E-02	4.46E-01	3.33E-02	1.98E+01	5.40E-08	7.98E-07	1.25E+01	2.90E+00	4.15E-02	8.22E+00	4.22E-01	1.14E+01	2.63E+03	4.40E+00	1.18E-06	1.70E-06	1.67E-01	9.32E-03	1.77E+01	3.43E+00	2.28E+03	2.93E

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U-PBSS-50	1.68E-01	5.03E+01	1.03E-01	4.77E+01	6.35E-04	0.00E+00	6.64E+01	5.87E-05	2.21E-02	2.70E-01	1.70E-03	2.20E+00	4.36E-08	4.32E-07	6.25E+00	3.89E+00	2.20E-03	5.43E+00	2.31E-01	9.41E+00	4.16E+02	1.02E+02	1.28E-07	1.20E-06	1.03E-01	4.48E-03	1.09E+01	1.71E-01	4.61E+02	1.37E-05	4.61E+02	4.35E+02	1.50E+00	0.00E+00	0.00E+00	0.00E+00	9.99E+00
U-PCHM60	2.11E-01	3.90E+01	1.03E+00	3.80E+01	1.03E-03	0.00E+00	3.20E+02	2.61E-05	2.46E-02	2.72E-01	2.98E-02	1.55E+00	8.23E-08	9.17E-07	1.84E+01	5.31E+00	4.52E-02	7.50E-01	2.89E-01	6.96E+00	1.81E+03	1.04E+02	4.92E-06	1.20E-06	1.16E-01	2.23E-03	1.24E+01	2.92E+00	1.86E+03	2.48E-04	1.86E+03	1.87E+03	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.28E+01
U-PCHM60M	2.08E-01	3.85E+01	1.10E+00	3.79E+01	1.21E-03	0.00E+00	1.78E+02	2.53E-05	2.46E-02	2.70E-01	3.29E-02	1.44E+00	8.17E-08	3.83E-07	2.44E+01	9.51E+00	4.35E-02	1.10E+00	4.68E-01	2.29E+01	2.03E+03	1.77E+02	4.62E-06	1.18E-06	1.16E-01	1.01E-02	2.90E+01	3.20E+00	2.08E+03	1.02E-04	2.08E+03	2.11E+03	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.78E+01
U-PCHM80	2.09E-01	3.84E+01	1.01E+00	3.75E+01	9.17E-04	0.00E+00	1.57E+02	2.71E-05	2.33E-02	2.52E-01	4.12E-02	1.54E+00	8.18E-08	9.07E-07	1.90E+01	4.38E+00	5.61E-02	7.97E-01	3.03E-01	6.92E+00	1.58E+03	1.03E+02	4.73E-06	1.19E-06	1.14E-01	2.32E-03	1.36E+01	4.09E+00	1.70E+03	2.49E-04	1.70E+03	1.69E+03	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.34E+01
U-PCHM80M	2.05E-01	3.86E+01	1.07E+00	3.78E+01	1.19E-03	0.00E+00	1.81E+02	3.96E-05	2.36E-02	2.58E-01	4.20E-02	1.43E+00	7.86E-08	3.61E-07	2.55E+01	5.16E+00	5.66E-02	9.54E-01	6.12E-01	1.01E+01	1.94E+03	1.51E+02	4.36E-06	1.17E-06	1.15E-01	2.62E-03	1.32E+01	4.28E+00	2.00E+03	1.61E-04	2.00E+03	2.05E+03	1.42E+01	0.00E+00	0.00E+00	0.00E+00	2.46E+01
U-PDBLK10030	9.60E-02	2.07E+01	-3.88E-02	2.03E+01	4.37E-04	0.00E+00	2.17E+02	1.34E-05	1.36E-02	1.53E-01	1.95E-02	5.47E-01	2.55E-08	1.99E-07	6.48E+00	2.90E+00	2.66E-02	1.69E+00	1.96E-01	8.56E+00	1.35E+03	9.31E+00	5.91E-06	4.98E-07	6.18E-02	3.33E-04	7.43E+00	1.95E+00	1.39E+03	3.07E-04	1.39E+03	1.38E+03	8.98E+00	0.00E+00	0.00E+00	0.00E+00	8.41E+00
U-PDBLK10035	1.08E-01	2.34E+01	-2.79E-02	2.29E+01	4.11E-04	0.00E+00	2.24E+02	1.33E-05	1.52E-02	1.66E-01	2.33E-02	7.63E-01	2.86E-08	1.96E-07	6.16E+00	2.93E+00	3.15E-02	2.30E+00	2.10E-01	9.99E+00	1.88E+03	9.61E+00	1.30E-07	7.29E-07	8.42E-02	4.12E-04	7.63E+00	2.31E+00	1.87E+03	3.10E-04	1.87E+03	1.88E+03	9.03E+00	0.00E+00	0.00E+00	0.00E+00	8.84E+00
U-PDBLK10040	1.25E-01	3.15E+01	-2.09E-02	3.03E+01	4.13E-04	0.00E+00	2.57E+02	1.45E-05	1.99E-02	2.22E-01	2.68E-02	7.77E-01	3.60E-08	2.19E-07	5.77E+00	2.93E+00	3.63E-02	2.50E+00	2.16E-01	1.00E+01	1.93E+03	1.02E+01	2.39E-07	8.12E-07	8.12E-02	4.12E-04	7.67E+00	2.66E+00	1.95E+03	3.30E-04	1.95E+03	1.94E+03	9.12E+00	0.00E+00	0.00E+00	0.00E+00	9.09E+00
U-PDBLK10060	1.19E-01	5.50E+01	-1.42E-01	3.42E+01	2.13E-04	0.00E+00	2.65E+02	2.17E-05	1.92E-02	2.10E-01	4.10E-02	7.63E-01	4.39E-08	2.34E-07	4.62E+00	1.75E+00	5.58E-02	1.71E+00	2.69E-01	9.38E+00	2.05E+03	9.76E+00	2.43E-07	7.83E-07	8.01E-02	4.20E-04	7.28E+00	4.08E+00	2.01E+03	4.17E-04	2.01E+03	2.01E+03	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.16E+01
U-PDBLK11030	1.07E-01	2.33E+01	-3.87E-02	2.28E+01	4.10E-04	0.00E+00	2.20E+02	1.33E-05	1.55E-02	1.68E-01	2.01E-02	6.88E-01	2.48E-08	2.03E-07	6.15E+00	2.92E+00	2.74E-02	2.24E+00	2.08E-01	9.03E+00	1.89E+03	9.50E+00	5.83E-06	6.46E-07	8.52E-02	4.08E-04	7.58E+00	2.01E+00	1.87E+03	3.09E-04	1.87E+03	1.88E+03	8.84E+00	0.00E+00	0.00E+00	0.00E+00	8.88E+00
U-PDBLK11035	1.16E-01	2.42E+01	-2.49E-02	2.35E+01	2.69E-04	0.00E+00	2.34E+02	1.33E-05	1.63E-02	1.80E-01	2.43E-02	7.62E-01	3.22E-08	2.07E-07	5.70E+00	1.83E+00	3.28E-02	2.30E+00	2.11E-01	1.00E+01	1.90E+03	9.81E+00	2.32E-07	7.39E-07	7.92E-02	4.12E-04	7.70E+00	2.50E+00	1.88E+03	3.20E-04	1.88E+03	1.89E+03	9.16E+00	0.00E+00	0.00E+00	0.00E+00	8.95E+00
U-PDBLK11040	1.22E-01	3.54E+01	-4.82E-02	3.46E+01	4.00E-04	0.00E+00	2.63E+02	1.40E-05	2.14E-02	2.36E-01	2.82E-02	7.32E-01	3.45E-08	2.30E-07	5.70E+00	2.93E+00	3.76E-02	2.92E+00	2.15E-01	9.88E+00	1.97E+03	1.00E+01	2.38E-07	8.46E-07	8.63E-02	4.07E-04	7.42E+00	2.79E+00	1.97E+03	3.44E-04	1.97E+03	1.97E+03	9.11E+00	0.00E+00	0.00E+00	0.00E+00	9.22E+00
U-PDBLK11060	1.23E-01	3.61E+01	-1.46E-01	3.53E+01	3.58E-04	0.00E+00	2.68E+02	2.25E-05	2.00E-02	2.17E-01	4.62E-02	7.89E-01	4.69E-08	2.45E-07	4.52E+00	2.85E+00	6.24E-02	1.82E+00	2.76E-01	9.40E+00	2.23E+03	9.91E+00	2.43E-07	7.85E-07	8.13E-02	4.21E-04	7.30E+00	4.58E+00	2.12E+03	4.61E-04	2.12E+03	2.12E+03	1.16E+01	0.00E+00	0.00E+00	0.00E+00	1.21E+01
U-PDBLK12030	1.12E-01	2.28E+01	-2.85E-02	2.24E+01	2.07E-04	0.00E+00	5.56E+01	1.35E-05	1.55E-02	1.68E-01	2.13E-02	8.37E-01	3.85E-08	1.95E-07	5.87E+00	1.63E+00	2.88E-02	2.16E+00	1.67E-01	9.55E+00	1.81E+03	9.80E+00	8.84E-08	7.52E-07	8.54E-02	3.76E-04	7.25E+00	2.13E+00	1.79E+03	3.08E-04	1.79E+03	1.82E+03	8.50E+00	0.00E+00	0.00E+00	0.00E+00	7.05E+00
U-PDBLK12035	1.22E-01	3.10E+01	-1.80E-02	3.02E+01	2.20E-04	0.00E+00	2.52E+02	1.42E-05	1.99E-02	2.21E-01	2.69E-02	8.01E-01	4.80E-08	2.18E-07	5.27E+00	1.76E+00	3.63E-02	2.75E+00	1.73E-01	9.59E+00	1.92E+03	1.05E+01	2.61E-07	8.45E-07	8.19E-02	3.73E-04	7.34E+00	2.65E+00	1.92E+03	3.51E-04	1.92E+03	1.96E+03	8.82E+00	0.00E+00	0.00E+00	0.00E+00	7.37E+00
U-PDBLK12040	1.19E-01	5.53E+01	-9.99E-02	3.44E+01	3.08E-04	0.00E+00	2.57E+02	2.05E-05	2.14E-02	2.38E-01	2.96E-02	8.11E-01	3.91E-08	2.26E-07	4.43E+00	2.30E+00	3.97E-02	2.13E+00	2.24E-01	9.47E+00	2.05E+03	1.05E+01	2.60E-07	8.32E-07	8.48E-02	3.68E-04	7.09E+00	2.91E+00	2.05E+03	3.82E-04	2.05E+03	2.05E+03	8.88E+00	0.00E+00	0.00E+00	0.00E+00	9.98E+00
U-PDBLK12060	1.27E-01	4.02E+01	-1.43E-01	3.90E+01	3.84E-04	0.00E+00	2.82E+02	2.68E-05	2.07E-02	2.25E-01	4.92E-02	6.93E-01	3.86E-08	2.62E-07	5.84E+00	3.21E+00	6.65E-02	2.06E+00	4.87E-01	1.00E+01	2.46E+03	9.96E+00	2.24E-07	8.03E-07	8.35E-02	4.82E-04	7.60E+00	4.87E+00	2.45E+03	4.72E-04	2.45E+03	2.47E+03	1.95E+01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
U-PDBLK13030	1.18E-01	2.31E+01	-2.43E-02	2.29E+01	3.24E-04	0.00E+00	2.25E+02	1.34E-05	1.57E-02	1.72E-01	2.36E-02	8.30E-01	4.21E-08	2.01E-07	5.04E+00	2.30E+00	3.20E-02	2.16E+00	1.68E-01	9.65E+00	1.84E+03	1.00E+01	2.41E-07	7.63E-07	8.73E-02	3.77E-04	7.32E+00	2.34E+00	1.82E+03	3.17E-04	1.82E+03	1.85E+03	8.78E+00	0.00E+00	0.00E+00	0.00E+00	7.13E+00
U-PDBLK13035	1.23E-01	3.49E+01	-4.77E-02	3.42E+01	3.62E-04	0.00E+00	2.59E+02	1.38E-05	2.14E-02	2.37E-01	2.83E-02	8.01E-01	4.72E-08	2.28E-07	5.01E+00	2.86E+00	3.78E-02	2.84E+00	1.72E-01	9.47E+00	1.91E+03	1.05E+01	2.60E-07	8.73E-07	8.69E-02	3.69E-04	7.10E+00	2.79E+00	1.91E+03	3.52E-04	1.91E+03	1.94E+03	8.81E+00	0.00E+00	0.00E+00	0.00E+00	7.34E+00
U-PDBLK13040	1.19E-01	3.51E+01	-1.02E-01	3.44E+01	3.60E-04	0.00E+00	2.57E+02	2.12E-05	2.13E-02	2.36E-01	2.97E-02	8.00E-01	3.95E-08	2.24E-07	4.52E+00	2.86E+00	3.98E-02	1.79E+00	2.31E-01	9.49E+00	2.07E+03	1.05E+01	2.56E-07	8.23E-07	8.46E-02	3.89E-04	7.06E+00	2.91E+00	2.05E+03	3.80E-04	2.05E+03	2.06E+03	8.99E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+01
U-PDBLK13060	1.30E-01	4.13E+01	-1.70E-01	4.01E+01	2.67E-04	0.00E+00	1.38E+02	3.47E-05	2.13E-02	2.33E-01	5.37E-02	6.97E-01	4.19E-08	2.70E-07	6.32E+00	2.24E+00	7.27E-02	2.06E+00	5.49E-01	1.00E+01	2.49E+03	9.95E+00	1.61E-07	8.13E-07	8.52E-02	4.82E-04	7.61E+00	5.34E+00	2.47E+03	4.80E-04	2.47E+03	2.51E+03	1.98E+01	0.00E+00	0.00E+00	0.00E+00	2.37E+01
U-PDBLK13530	1.18E-01	2.37E+01	-2.38E-02	2.33E+01	2.07E-04	0.00E+00	6.36E+01	1.33E-05	1.64E-02	1.80E-01	2.43E-02	8.21E-01	4.30E-08	2.06E-07	5.57E+00	1.63E+00	3.28E-02	2.25E+00	1.71E-01	9.61E+00	1.85E+03	1.00E+01	2.04E-07	7.66E-07	7.15E-02	3.76E-04	7.38E+00	2.49E+00	1.83E+03	3.21E-04	1.83E+03	1.85E+03	8.84E+00	0.00E+00	0.00E+00	0.00E+00	7.18E+00
U-PDBLK13535	1.20E-01	3.54E+01	-9.99E-02	3.45E+01	3.61E-04	0.00E+00	2.58E+02	2.05E-05	2.14E-02	2.37E-01	2.95E-02	8.00E-01	4.02E-08	2.28E-07	4.53E+00	2.86E+00	3.98E-02	2.41E+00	2.24E-01	9.47E+00	2.03E+03	1.05E+01	2.60E-07	8.41E-07	8.52E-02	3.68E-04	7.09E+00	2.90E+00	2.03E+03	3.58E-04	2.03E+03	2.03E+03	8.81E+00	0.00E+00	0.00E+00	0.00E+00	9.92E+00
U-PDBLK13540	1.16E-01	3.46E+01	-1.05E-01	3.38E+01	3.58E-04	0.00E+00	2.58E+02	2.12E-05	1.96E-02	2.15E-01	3.25E-02	8.12E-01	3.96E-08	2.21E-07	4.52E+00	2.86E+00	4.33E-02	1.73E+00	2.31E-01	9.47E+00	2.01E+03	1.05E+01	2.56E-07	7.97E-07	8.16E-02	4.12E-04	7.11E+00	3.19E+00	1.98E+03	3.81E-04	1.98E+03	1.97E+03	9.83E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+01
U-PDBLK13560	1.32E-01	4.25E+01	-1.70E-01	4.13E+01	4.10E-04	0.00E+00	3.10E+02	4.51E-05	2.17E-02	2.38E-01	5.55E-02	6.97E-01	4.25E-08	2.75E-07	5.92E+00	3.60E+00	7.52E-02	2.08E+00	5.62E-01	1.01E+01	2.51E+03	9.95E+00	2.25E-07	8.24E-07	8.63E-02	4.92E-04	7.52E+00	5.51E+00	2.48E+03	5.04E-04	2.48E+03	2.51E+03	2.02E+01	0.00E+00	0.00E+00	0.00E+00	2.43E+01
U-PDBLK14030	1.22E-01	2.96E+01	-2.33E-02	2.91E+01	3.77E-04	0.00E+00	2.47E+02	1.42E-05	1.94E-02	2.15E-01	2.61E-02	8.27E-01	4.52E-08	2.16E-07	5.17E+00	2.86E+00	3.54E-02	2.33E+00	1.73E-01	9.59E+00	1.87E+03	1.03E+01	2.53E-07	8.13E-07	7.99E-02	3.74E-04	7.36E+00	2.59E+00	1.90E+03	3.28E-04	1.90E+03	1.91E+03	8.81E+00	0.00E+00	0.00E+00	0.00E+00	7.25E+00
U-PDBLK14035	1.19E-01	3.54E+01	-9.99E-02	3.45E+01	3.61E-04	0.00E+00	2.57E+02	2.05E-05	2.14E-02	2.36E-01	2.96E-02	8.12E-01	3.91E-08	2.27E-07	4.52E+00	2.86E+00	3.97E-02	2.38E+00	2.24E-01	9.47E+00	2.05E+03	1.05E+01	2.60E-07	8.33E-07	8.48E-02	3.68E-04	7.09E+00	2.91E+00	2.05E+03	3.62E-04	2.05E+03	2.05E+03	8.88E+00	0.00E+00	0.00E+00	0.00E+00	9.93E+00
U-PDBLK14040	1.19E-01	3.47E+01	-1.19E-01	3.41E+01	3.58E-04	0.00E+00	2.59E+02	2.16E-05	1.92E-02	2.10E-01	3.62E-02	7.61E-01	3.99E-08	2.30E-07	4.51E+00	2.86E+00	4.84E-02	1.73E+00	2.36E-01	9.48E+00	2.01E+03	1.05E+01	2.55E-07	7.84E-07	8.03E-02	4.12E-04	7.11E+00	3.55E+00	1.96E+03	3.84E-04	1.96E+03	1.95E+03	1.01E+01	0.00E+00	0.00E+00	0.00E+00	1.02E+01
U-PDBLK14060	1.32E-01	4.27E+01	-1.70E-01	4.14E+01	4.36E-04	0.00E+00	3.28E+02	4.42E-05	2.18E-02	2.40E-01	5.84E-02	7.24E-01	4.26E-08	2.75E-07	5.92E+00	3.81E+00	7.88E-02	2.15E+00	5.62E-01	1.01E+01	2.57E+03	1.01E+01	2.25E-07	8.33E-07	8.67E-02	5.29E-04	7.58E+00	5.78E+00	2.51E+03	5.09E-04	2.51E+03	2.52E+03	2.05E+01	0.00E+00	0.00E+00	0.00E+00	2.44E+01
U-PDBLK15030	1.23E-01	3.10E+01	-2.00E-02	3.00E+01	2.07E-04	0.00E+00	8.47E+01	1.42E-05	1.96E-02	2.21E-01	2.69E-02	7.95E-01	4.81E-08	2.19E-07	5.27E+00	1.63E+00	3.63E-02	2.63E+00	1.73E-01	9.59E+00	1.92E+03	1.05E+01	2.14E-07	8.45E-07	8.19E-02	3.73E-04	7.35E+00	2.65E+00	1.92E+03	3.42E-04	1.92E+03	1.95E+03	8.82E+00	0.00E+00	0.00E+00	0.00E+00	7.37E+00
U-PDBLK15035	1.19E-01	3.52E+01	-1.02E-01	3.45E+01	3.60E-04	0.00E+00	2.57E+02	2.12E-05	2.13E-02	2.36E-01	2.97E-02	8.03E-01	3.95E-08	2.26E-07	4.53E+00	2.86E+00	3.98E-02	1.78E+00	2.30E-01	9.49E+00	2.07E+03	1.05E+01	2.56E-07	8.24E-07	8.46E-02	3.68E-04	7.06E+00	2.91E+00	2.06E+03	3.78E-04	2.06E+03	2.06E+03	8.99E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+01
U-PDBLK15040	1.20E-01	3.49E+01	-1.38E-01	3.39E+01	3.31E-04	0.00E+00	2.59E+02	2.17E-05	1.90E-02	2.09E-01	4.03E-02	7.60E-01	4.28E-08	2.31E-07	4.52E+00	2.72E+00	5.48E-02	1.69E+00	2.35E-01	9.37E+00	2.03E+03	1.05E+01	2.54E-07	7.83E-07	7.95E-02	4.03E-04	7.27E+00	4.00E+00	1.99E+03	4.06E-04	1.99E+03	1.96E+03	1.04E+01	0.00E+00	0.00E+00	0.00E+00	1.03E+01
U-PDBLK15060	1.44E-01	4.67E+01	-1.70E-01	4.55E+01	4.14E-04	0.00E+00	3.46E+02	4.56E-05	2.47E-02	2.68E-01	6.18E-02	7.58E-01	4.50E-08	2.99E-07	5.94E+00	3.75E+00	8.39E-02	2.27E+00	5.89E-01	1.01E+01	2.69E+03	1.05E+01	2.26E-07	8.51E-07	9.42E-02	5.30E-04	1.23E+01	6.16E+00	2.64E+03	5.34E-04	2.64E+03	2.64E+03	2.12E+01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
U-PDBLK16030	1.23E-01	3.49E+01	-2.53E-02	3.41E+01	3.36E-04	0.00E+00	2.58E+02	1.38E-05	2.14E-02	2.37E-01	2.81E-02	7.98E-01	4.67E-08	2.28E-07	5.14E+00	2.72E+00	3.78E-02	2.66E+00	1.72E-01	9.58E+00	1.92E+03	1.05E+01	2.61E-07	8.73E-07	8.69E-02	3.73E-04	7.32E+00	2.79E+00	1.92E+03	3.55E-04	1.92E+03	1.95E+03	8.82E+00	0.00E+00	0.00E+00	0.00E+00	7.34E+00
U-PDBLK16035	1.17E-01	3.45E+01	-1.02E-01	3.38E+01	3.60E-04	0.00E+00	2.58E+02	2.12E-05	1.96E-02	2.15E-01	3.25E-02	8.12E-01	3.95E-08	2.20E-07	4.52E+00	2.86E+00	4.33E-02	1.76E+00	2.32E-01	9.48E+00	2.02E+03	1.05E+01	2.56E-07	7.96E-07	8.14E-02	4.13E-04	7.11E+00	3.19E+00	1.99E+03	3.81E-04	1.99E+03	1.97E+03	9.79E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+01
U-PDBLK16040	1.20E-01	3.50E+01	-1.43E-01	3.41E+01	3.58E-04	0.00E+00	2.65E+02	2.18E-05	1.94E-02	2.12E-01	4.13E-02	7.62E-01	4.57E-08	2.33E-07	4.57E+00	2.85E+00	5.64E-02	1.71E+00	2.37E-01	9.37E+00	2.11E+03	1.05E+01	2.54E-07	7.86E-07	8.03E-02	4.02E-04	7.26E+00	4.12E+00	2.04E+03	4.17E-04	2.04E+03	2.03E+03	1.07E+01	0.00E+00	0.00E+00	0.00E+00	1.04E+01
U-PDBLK16060	1.43E-01	4.90E+01	-1.68E-01	4.84E+01	2.66E-04	0.00E+00	2.00E+02	5.73E-05	2.57E-02	2.81E-01	6.49E-02	7.58E-01	4.75E-08	3.27E-07	6.39E+00	2.77E+00	8.82E-02	2.36E+00	5.99E-01	1.02E+01	2.88E+03	1.13E+01	2.06E-07	8.68E-07	9.91E-02	5.46E-04	1.20E+01	6.48E+00	2.88E+03	5.41E-04	2.88E+03	2.90E+03	2.11E+01	0.00E+00	0.00E+00	0.00E+00	2.57E+01
U-PDBLK18030	1.20E-01	3.52E+01	-1.01E-01	3.44E+01	2.16E-04	0.00E+00	2.57E+02	2.06E-05	2.14E-02	2.37E-01	2.96E-02	7.97E-01	3.92E-08	2.30E-07	4.62E+00	1.76E+00	3.97E-02	2.18E+00	2.26E-01	9.38E+00	2.07E+03	1.04E+01	2.55E-07	8.23E-07	8.49E-02	3.68E-04	7.07E+00	2.91E+00	2.06E+03	3.79E-04	2.06E+03	2.06E+03	8.99E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+01
U-PDBLK18035	1.18E-01	3.48E+01	-1.38E-01	3.39E+01	3.31E-04	0.00E+00	2.59E+02	2.17E-05	1.90E-02	2.08E-01	4.03E-02	7.64E-01	4.28E-08	2.29E-07	4.51E+00	2.72E+00	5.48E-02	1.69E+00	2.34E-01	9.37E+00	2.02E+03	1.05E+01	2.54E-07	7.83E-07	7.95E-02	4.03E-04	7.27E+00	4.00E+00	1.99E+03	4.11E-04	1.99E+03	1.96E+03	1.04E+01	0.00E+00	0.00E+00	0.00E+00	1.03E+01
U-PDBLK18040	1.23E-01	4.05E+01	-1.46E-01	3.88E+01	3.67E-04	0.00E+00	2.68E+02	2.26E-05	2.04E-02	2.20E-01	4.68E-02	7.88E-01	4.84E-08	2.43E-07	4.56E+00	2.89E+00	6.32E-02	1.78E+00	2.41E-01	9.50E+00	2.38E+03	1.08E+01	2.54E-07	8.27E-07	8.16E-02	4.03E-04	7.31E+00	4.64E+00	2.34E+03	4.61E-04	2.34E+03	2.37E+03	1.16E+01	0.00E+00	0.00E+00	0.00E+00	1.08E+01
U-PDBLK18060	1.52E-01	5.28E+01	-2.39E-01	5.13E+01	4.34E-04	0.00E+00	4.43E+02	5.98E-05	2.74E-02	2.98E-01	7.33E-02	7.51E-01	5.59E-08	3.64E-07	6.10E+00	3.99E+00	9.94E-02	2.49E+00	6.05E-01	1.05E+01	3.07E+03	1.09E+01	3.11E-07	9.32E-07	1.06E-01	5.55E-04	1.17E+01	7.42E+00	3.05E+03	5.84E-04	3.05E+03	3.33E+03	2.17E+01	0.00E+00	0.00E+00	0.00E+00	2.83E+01
U-PDBLK5030	3.99E-02	9.76E+00	-3.19E-02	1.11E+01	4.24E-04	0.00E+00	2.01E+02	7.37E-06	5.99E-03	6.27E-02	1.01E-02	4.50E-01	2.55E-08	9.61E-08	5.88E+00	3.04E+00	1.37E-02	3.40E-01	8.32E-02	5.77E+01	5.26E+02	8.46E+00	2.95E-08	1.95E-07	2.49E-02	3.53E-04	5.98E+00	1.16E+00	5.23E+02	1.07E-04	5.23E+02	5.12E+02	6.39E+00	0.00E+00	0.00E+00	0.00E+00	3.54E+00
U-PDBLK5035	4.99E-02	1.23E+01	-3.33E-02	1.26E+01	2.80E-04	0.00E+00	2.05E+02	1.00E-05	8.35E-03	9.01E-02	1.19E-02	4.51E-01	2.68E-08	1.06E-07	5.98E+00	1.95E+00	1.61E-02	4.29E-01	1.03E-01	6.40E+01	6.44E+02	8.60E+00	4.40E-08	2.24E-07	3.34E-02	3.55E-04	6.52E+00	1.31E+00	6.37E+02	1.17E-04	6.37E+02	6.50E+02	6.38E+00	0.00E+00	0.00E+00	0.00E+00	4.20E+00
U-PDBLK5040	6.00E-02	1.65E+01	-3.37E-02	1.68E+01	4.24E-04	0.00E+00	2.10E+02	1.32E-05	9.42E-03	1.02E-01	1.46E-02	4.55E-01	2.99E-08	1.36E-07	6.09E+00	3.05E+00	1.98E-02	4.65E-01	1.08E-01	7.26E+01	8.29E+02	8.63E+00	5.47E-08	2.74E-07	3.84E-02	3.80E-04	6.92E+00	1.55E+00	7.56E+02	2.21E-04	7.56E+02	8.09E+02	7.08E+00	0.00E+00	0.00E+00	0.00E+00	4.52E+00
U-PDBLK5060	1.12E-01	2.27E+01	-2.84E-02	2.23E+01	3.77E-04	0.00E+00	2.24E+02	1.39E-05	1.54E-02	1.68E-01	2.13E-02	8.37E-01	3.87E-08	1.95E-07	5.46E+00	2.86E+00	2.88E-02	1.99E+00	1.64E-01	9.60E+00	1.81E+03	9.81E+00	1.32E-07	7.54E-07	8.53E-02	3.74E-04	7.25E+00	2.13E+00	1.78E+03	3.07E-04	1.78E+03	1.82E+03	8.50E+00	0.00E+00	0.00E+00	0.00E+00	6.98E+00
U-PDBLK6030	4.99E-02	1.23E+01	-3.33E-02	1.26E+01	3.72E-04	0.00E+00	2.05E+02	1.00E-05	8.35E-03	9.01E-02	1.19E-02	4.51E-01	2.68E-08	1.06E-07	5.79E+00	2.49E+00	1.61E-02	4.29E-01	1.03E-01	6.40E+01	6.44E+02	8.60E+00	4.40E-08	2.24E-07	3.34E-02	3.55E-04	6.52E+00	1.31E+00	6.37E+02	1.17E-04	6.37E+02	6.50E+02	6.38E+00	0.00E+

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U-PKR853518	6.54E-01	1.55E+02	-5.34E-01	1.76E+02	5.94E-04	0.00E+00	8.21E+02	1.24E-04	1.00E-01	1.05E+00	2.17E-01	6.30E+00	1.85E-07	1.52E-06	6.57E+00	6.07E+00	3.02E-01	4.89E+00	1.36E+00	8.60E+00	6.13E+03	1.25E+01	1.18E-06	3.97E-06	3.84E-01	5.00E-03	1.31E+01	2.34E+01	6.40E+03	1.30E-03	6.40E+03	5.91E+03	3.55E+01	0.00E+00	0.00E+00	0.00E+00	5.34E+01
U-PKR853520	6.63E-01	1.63E+02	-5.44E-01	1.80E+02	5.94E-04	0.00E+00	8.21E+02	1.24E-04	1.04E-01	1.10E+00	2.31E-01	6.30E+00	1.93E-07	1.52E-06	6.56E+00	6.07E+00	3.18E-01	4.89E+00	1.36E+00	8.60E+00	6.51E+03	1.25E+01	1.18E-06	4.01E-06	3.96E-01	5.00E-03	1.32E+01	2.46E+01	6.85E+03	1.30E-03	6.85E+03	6.30E+03	3.59E+01	0.00E+00	0.00E+00	0.00E+00	5.34E+01
U-PKR854018	6.53E-01	1.54E+02	-5.37E-01	1.75E+02	5.94E-04	0.00E+00	8.21E+02	1.24E-04	9.98E-02	1.05E+00	2.19E-01	6.30E+00	1.85E-07	1.51E-06	6.56E+00	6.07E+00	3.05E-01	4.88E+00	1.36E+00	8.60E+00	6.09E+03	1.25E+01	1.18E-06	3.97E-06	3.83E-01	5.00E-03	1.31E+01	2.35E+01	6.36E+03	1.30E-03	6.36E+03	5.86E+03	3.55E+01	0.00E+00	0.00E+00	0.00E+00	5.33E+01
U-PKR854020	6.65E-01	1.63E+02	-5.44E-01	1.80E+02	5.94E-04	0.00E+00	8.21E+02	1.24E-04	1.04E-01	1.10E+00	2.32E-01	6.30E+00	1.93E-07	1.52E-06	6.56E+00	6.07E+00	3.18E-01	4.89E+00	1.36E+00	8.60E+00	6.51E+03	1.25E+01	1.18E-06	4.01E-06	3.96E-01	5.00E-03	1.32E+01	2.46E+01	6.85E+03	1.30E-03	6.85E+03	6.30E+03	3.59E+01	0.00E+00	0.00E+00	0.00E+00	5.34E+01
U-PKR856018	6.81E-01	1.67E+02	-6.43E-01	1.87E+02	5.57E-04	0.00E+00	7.76E+02	1.15E-04	1.06E-01	1.10E+00	2.44E-01	6.86E+00	2.17E-07	1.42E-06	7.11E+00	5.95E+00	3.34E-01	3.68E+00	1.34E+00	8.86E+00	7.94E+03	1.30E+01	1.08E-06	3.71E-06	4.03E-01	5.19E-03	1.41E+01	2.54E+01	8.39E+03	1.54E-03	8.39E+03	7.47E+03	3.77E+01	0.00E+00	0.00E+00	0.00E+00	5.18E+01
U-PKR856020	6.81E-01	1.67E+02	-6.43E-01	1.87E+02	5.57E-04	0.00E+00	7.76E+02	1.15E-04	1.06E-01	1.10E+00	2.44E-01	6.86E+00	2.22E-07	1.42E-06	7.12E+00	5.95E+00	3.34E-01	3.68E+00	1.34E+00	8.85E+00	7.94E+03	1.30E+01	1.08E-06	3.71E-06	4.03E-01	5.19E-03	1.41E+01	2.54E+01	8.39E+03	1.54E-03	8.39E+03	7.47E+03	3.77E+01	0.00E+00	0.00E+00	0.00E+00	5.18E+01
U-PPE	6.87E-03	1.48E+00	2.81E-01	1.39E+00	5.27E-03	0.00E+00	1.45E+01	2.41E-05	9.41E-04	1.02E-02	1.78E-03	1.01E+01	4.91E-08	1.44E-08	5.73E+01	1.52E+01	2.45E-03	1.25E-02	1.00E-01	2.09E+01	1.30E+02	1.52E+02	1.54E-07	7.13E-06	4.25E-03	1.10E-02	2.54E+01	1.83E-01	1.34E+02	8.95E-06	1.34E+02	1.42E+02	8.85E+00	0.00E+00	0.00E+00	0.00E+00	3.78E+00
U-PRSV30-1	7.31E-02	5.06E+00	9.13E-02	4.29E+00	3.53E-04	0.00E+00	2.14E+02	3.67E-06	3.55E-03	4.10E-02	3.41E-03	6.20E-01	3.48E-08	1.14E-06	1.00E+01	3.41E+00	4.58E-03	9.92E-02	9.92E-02	5.74E+01	6.05E+01	1.15E+01	4.52E-07	4.23E-07	2.05E-02	4.39E-04	4.70E+00	3.41E-01	7.94E+01	6.58E-04	7.94E+01	6.62E+01	5.02E+00	0.00E+00	0.00E+00	0.00E+00	4.43E+00
U-PRSV35-1	8.42E-02	5.82E+00	9.54E-02	4.88E+00	4.45E-04	0.00E+00	2.16E+02	3.73E-06	3.82E-03	4.19E-02	4.12E-03	6.35E-01	3.41E-08	1.31E-06	9.92E+00	4.33E+00	5.57E-03	1.11E-01	9.85E-02	6.33E+01	8.24E+01	1.15E+01	5.27E-07	4.61E-07	2.02E-02	4.32E-04	4.73E+00	4.09E-01	9.21E+01	6.81E-04	9.21E+01	8.50E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	4.40E+00
U-PRSV40-1	9.82E-02	6.55E+00	1.40E-01	6.70E+00	4.97E-04	0.00E+00	2.27E+02	3.72E-06	4.45E-03	4.83E-02	4.85E-03	6.41E-01	3.64E-08	1.50E-06	9.94E+00	4.47E+00	6.57E-03	1.51E-01	1.29E-01	7.65E+01	1.12E+02	1.25E+01	7.18E-07	5.46E-07	2.26E-02	5.09E-04	5.72E+00	4.76E-01	1.21E+02	7.81E-04	1.21E+02	1.18E+02	6.10E+00	0.00E+00	0.00E+00	0.00E+00	5.74E+00
U-PRSV50-1	1.24E-01	6.78E+00	2.23E-01	7.13E+00	4.88E-04	0.00E+00	2.40E+02	3.69E-06	4.13E-03	4.62E-02	6.71E-03	8.08E-01	4.08E-08	2.24E-06	9.73E+00	4.97E+00	9.07E-03	1.63E-01	1.53E-01	1.48E+02	2.03E+02	2.40E+01	1.13E-06	7.07E-07	2.15E-02	7.14E-04	7.18E+00	6.71E-01	2.70E+02	1.19E-03	2.70E+02	2.76E+02	7.20E+00	0.00E+00	0.00E+00	0.00E+00	6.69E+00
U-PRSV60-1	1.29E-01	7.04E+00	2.31E-01	7.19E+00	2.65E-04	0.00E+00	8.63E+01	3.68E-06	4.50E-03	5.07E-02	7.36E-03	8.07E-01	4.28E-08	2.23E-06	1.01E+01	3.95E+00	9.96E-03	1.71E-01	1.63E-01	1.49E+02	2.04E+02	2.43E+01	1.16E-06	7.55E-07	2.38E-02	7.34E-04	7.29E+00	7.31E-01	2.77E+02	1.10E-03	2.77E+02	2.84E+02	7.36E+00	0.00E+00	0.00E+00	0.00E+00	7.13E+00
U-PS10I30-10	1.28E-01	7.11E+00	1.64E-01	6.14E+00	4.84E-04	0.00E+00	2.41E+02	3.72E-06	4.42E-03	4.99E-02	6.69E-03	6.37E-01	4.06E-08	2.24E-06	7.06E+00	4.91E+00	9.07E-03	1.61E-01	1.60E-01	7.90E+01	1.97E+02	9.39E+00	7.81E-07	7.54E-07	2.32E-02	5.37E-04	7.11E+00	6.71E-01	2.63E+02	1.19E-03	2.63E+02	2.67E+02	7.37E+00	0.00E+00	0.00E+00	0.00E+00	7.08E+00
U-PS10I35-10	1.34E-01	7.37E+00	1.64E-01	6.28E+00	2.92E-04	0.00E+00	8.73E+01	3.71E-06	4.83E-03	5.61E-02	7.34E-03	6.36E-01	4.27E-08	2.23E-06	8.51E+00	3.88E+00	9.94E-03	1.69E-01	1.70E-01	8.12E+01	1.98E+02	9.47E+00	7.41E-07	8.00E-07	2.59E-02	5.61E-04	7.25E+00	7.29E-01	2.69E+02	1.10E-03	2.69E+02	2.76E+02	7.62E+00	0.00E+00	0.00E+00	0.00E+00	7.52E+00
U-PS10I40-10	1.01E-01	9.15E+00	9.35E-02	8.36E+00	4.80E-04	0.00E+00	2.51E+02	4.47E-06	5.97E-03	6.80E-02	9.61E-03	6.36E-01	4.34E-08	1.82E-06	8.10E+00	4.37E+00	1.30E-02	1.70E-01	1.64E-01	7.49E+01	2.52E+02	9.33E+00	4.51E-07	5.90E-07	2.78E-02	5.26E-04	7.37E+00	1.20E+00	2.97E+02	4.71E-04	2.97E+02	3.24E+02	7.76E+00	0.00E+00	0.00E+00	0.00E+00	7.23E+00
U-PS10I60-10	1.00E-01	1.41E+01	7.75E-02	1.43E+01	5.37E-04	0.00E+00	2.43E+02	1.59E-05	7.62E-03	8.11E-02	1.51E-02	7.22E-01	4.35E-08	1.49E-06	1.21E+01	4.50E+00	2.05E-02	3.04E-01	1.95E-01	7.53E+01	3.67E+02	1.10E+01	4.93E-07	6.01E-07	3.15E-02	5.41E-04	7.11E+00	1.64E+00	4.62E+02	4.20E-04	4.62E+02	4.99E+02	6.84E+00	0.00E+00	0.00E+00	0.00E+00	8.56E+00
U-PS12I30-1	1.22E-02	2.65E+00	2.51E-01	2.15E+00	1.05E-03	0.00E+00	1.13E+01	4.11E-06	1.29E-03	1.30E-02	1.78E-03	5.90E-01	4.47E-08	3.75E-08	1.16E+01	8.91E+00	2.45E-03	1.25E-02	5.90E-02	1.93E+01	5.36E+01	1.51E+02	1.22E-07	9.05E-08	6.93E-03	9.00E-03	2.30E+01	1.83E-01	7.11E+01	8.94E-06	7.11E+01	7.27E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	2.18E+00
U-PS12I35-1	1.22E-02	2.65E+00	1.02E-01	2.15E+00	8.32E-04	0.00E+00	1.21E+01	4.11E-06	1.29E-03	1.30E-02	1.78E-03	5.90E-01	4.47E-08	3.75E-08	1.19E+01	5.98E+00	2.45E-03	1.25E-02	5.92E-02	1.02E+01	5.36E+01	1.27E+02	9.91E-08	9.05E-08	6.93E-03	4.69E-03	1.15E+01	1.83E-01	7.11E+01	8.94E-06	7.11E+01	7.27E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	2.18E+00
U-PS12I40-1	1.22E-02	2.65E+00	1.28E-01	2.15E+00	7.06E-04	0.00E+00	1.21E+01	4.11E-06	1.29E-03	1.30E-02	1.78E-03	5.90E-01	4.47E-08	3.75E-08	1.30E+01	3.62E+00	2.45E-03	1.25E-02	5.92E-02	9.01E+00	5.36E+01	1.01E+02	9.91E-08	9.05E-08	6.51E-03	4.25E-03	1.07E+01	1.83E-01	7.11E+01	8.94E-06	7.11E+01	7.27E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	2.19E+00
U-PS12I60-1	1.33E-02	2.90E+00	1.14E-01	2.47E+00	7.62E-04	0.00E+00	1.24E+01	4.45E-06	1.52E-03	1.54E-02	2.56E-03	5.58E-01	4.71E-08	3.76E-08	1.79E+01	5.99E+00	3.52E-03	2.24E-02	6.18E-02	1.02E+01	5.48E+01	1.29E+02	3.83E-07	9.12E-08	7.25E-03	4.70E-03	1.16E+01	2.59E-01	7.20E+01	1.23E-05	7.20E+01	7.43E+01	1.63E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+00
U-PS15I30-10	1.01E-01	9.15E+00	9.35E-02	8.36E+00	4.60E-04	0.00E+00	2.51E+02	4.47E-06	5.97E-03	6.80E-02	9.61E-03	6.36E-01	4.34E-08	1.82E-06	8.10E+00	4.37E+00	1.30E-02	1.70E-01	1.64E-01	7.49E+01	2.52E+02	9.33E+00	4.51E-07	5.90E-07	2.78E-02	5.26E-04	7.37E+00	1.20E+00	2.97E+02	4.71E-04	2.97E+02	3.24E+02	7.76E+00	0.00E+00	0.00E+00	0.00E+00	7.23E+00
U-PS15I35-10	9.93E-02	1.00E+01	8.18E-02	9.10E+00	5.44E-04	0.00E+00	2.47E+02	1.31E-05	6.45E-03	7.16E-02	1.19E-02	6.40E-01	4.42E-08	1.56E-06	1.01E+01	4.63E+00	1.61E-02	1.86E-01	1.80E-01	7.26E+01	2.92E+02	1.12E+01	4.93E-07	6.04E-07	2.88E-02	5.34E-04	7.42E+00	1.35E+00	3.57E+02	4.45E-04	3.57E+02	4.21E+02	6.92E+00	0.00E+00	0.00E+00	0.00E+00	7.94E+00
U-PS15I40-10	9.91E-02	1.09E+01	7.97E-02	9.85E+00	4.16E-04	0.00E+00	2.46E+02	1.60E-05	6.83E-03	7.44E-02	1.29E-02	6.42E-01	4.39E-08	1.49E-06	1.17E+01	3.70E+00	1.75E-02	1.94E-01	1.98E-01	7.26E+01	2.94E+02	1.08E+01	4.87E-07	6.00E-07	2.98E-02	5.40E-04	7.54E+00	1.44E+00	3.59E+02	4.17E-04	3.59E+02	4.22E+02	6.60E+00	0.00E+00	0.00E+00	0.00E+00	8.49E+00
U-PS15I60-10	1.42E-01	2.10E+01	8.22E-02	2.12E+01	5.08E-04	0.00E+00	2.45E+02	1.58E-05	1.61E-02	1.74E-01	2.38E-02	9.78E-01	4.19E-08	1.42E-06	1.21E+01	4.60E+00	3.18E-02	5.88E-01	1.99E-01	8.58E+01	8.87E+02	1.63E+01	7.13E-07	8.27E-07	7.23E-02	5.41E-04	7.13E+00	2.36E+00	9.41E+02	4.30E-04	9.41E+02	9.68E+02	8.51E+00	0.00E+00	0.00E+00	0.00E+00	8.56E+00
U-PSE30-10	9.64E-02	7.05E+00	1.19E-01	5.96E+00	3.40E-04	0.00E+00	2.27E+02	3.88E-06	4.37E-03	4.91E-02	5.82E-03	6.38E-01	3.83E-08	1.55E-06	7.16E+00	3.53E+00	7.84E-03	1.48E-01	1.30E-01	6.65E+01	1.72E+02	9.27E+00	5.74E-07	5.50E-07	2.27E-02	4.79E-04	5.88E+00	5.81E-01	2.49E+02	8.15E-04	2.49E+02	2.61E+02	6.18E+00	0.00E+00	0.00E+00	0.00E+00	5.86E+00
U-PSE35-10	1.34E-01	7.37E+00	1.64E-01	6.28E+00	5.25E-04	0.00E+00	2.55E+02	3.71E-06	4.83E-03	5.61E-02	7.34E-03	6.36E-01	4.27E-08	2.23E-06	8.10E+00	4.90E+00	9.94E-03	1.69E-01	1.70E-01	8.12E+01	1.98E+02	9.47E+00	7.44E-07	8.00E-07	2.59E-02	5.61E-04	7.25E+00	7.29E-01	2.69E+02	1.10E-03	2.69E+02	2.76E+02	7.62E+00	0.00E+00	0.00E+00	0.00E+00	7.52E+00
U-PSE40-10	1.01E-01	9.15E+00	9.35E-02	8.36E+00	5.32E-04	0.00E+00	2.51E+02	4.47E-06	5.97E-03	6.80E-02	9.61E-03	6.36E-01	4.34E-08	1.82E-06	8.10E+00	4.51E+00	1.30E-02	1.70E-01	1.64E-01	7.49E+01	2.52E+02	9.45E+00	4.51E-07	5.90E-07	2.78E-02	5.26E-04	7.37E+00	1.20E+00	2.97E+02	4.71E-04	2.97E+02	3.24E+02	7.76E+00	0.00E+00	0.00E+00	0.00E+00	7.23E+00
U-PSE60-10	9.97E-02	1.38E+01	7.96E-02	1.38E+01	5.59E-04	0.00E+00	2.44E+02	1.60E-05	7.45E-03	8.03E-02	1.45E-02	6.44E-01	4.40E-08	1.49E-06	1.17E+01	4.60E+00	1.97E-02	1.96E-01	1.94E-01	7.36E+01	3.47E+02	1.07E+01	4.87E-07	6.01E-07	3.15E-02	5.42E-04	7.18E+00	1.59E+00	4.35E+02	4.20E-04	4.35E+02	4.80E+02	6.81E+00	0.00E+00	0.00E+00	0.00E+00	8.47E+00
U-PSH10030	1.28E-01	7.14E+00	1.64E-01	6.17E+00	4.97E-04	0.00E+00	2.41E+02	3.72E-06	4.46E-03	5.12E-02	6.69E-03	6.36E-01	4.06E-08	2.24E-06	9.96E+00	4.81E+00	9.07E-03	1.61E-01	1.60E-01	7.97E+01	1.97E+02	1.15E+01	8.12E-07	7.56E-07	2.36E-02	5.63E-04	7.11E+00	6.71E-01	2.63E+02	1.19E-03	2.63E+02	2.67E+02	7.36E+00	0.00E+00	0.00E+00	0.00E+00	7.09E+00
U-PSH10035	1.34E-01	7.37E+00	1.64E-01	6.28E+00	3.27E-04	0.00E+00	8.73E+01	3.71E-06	4.82E-03	5.59E-02	7.34E-03	6.36E-01	4.27E-08	2.23E-06	1.04E+01	3.79E+00	9.94E-03	1.69E-01	1.70E-01	8.15E+01	1.98E+02	1.16E+01	7.70E-07	8.00E-07	2.58E-02	5.88E-04	7.25E+00	7.29E-01	2.69E+02	1.10E-03	2.69E+02	2.76E+02	7.62E+00	0.00E+00	0.00E+00	0.00E+00	7.53E+00
U-PSH10040	1.01E-01	9.74E+00	9.76E-02	8.85E+00	4.76E-04	0.00E+00	2.52E+02	4.43E-06	6.11E-03	6.90E-02	9.61E-03	6.36E-01	4.30E-08	1.82E-06	1.00E+01	4.42E+00	1.30E-02	1.72E-01	1.64E-01	7.61E+01	2.57E+02	1.16E+01	5.69E-07	5.69E-07	2.83E-02	5.50E-04	7.37E+00	1.20E+00	3.02E+02	4.71E-04	3.02E+02	3.29E+02	7.62E+00	0.00E+00	0.00E+00	0.00E+00	7.22E+00
U-PSH10060	9.98E-02	1.40E+01	2.70E-01	1.42E+01	5.04E-04	0.00E+00	2.43E+02	1.58E-05	7.34E-03	7.71E-02	1.51E-02	8.87E-01	4.59E-08	1.49E-06	1.19E+01	4.76E+00	2.05E-02	3.08E-01	1.87E-01	1.29E+02	3.69E+02	2.37E+01	1.21E-06	5.83E-07	3.05E-02	6.53E-04	7.31E+00	1.64E+00	4.68E+02	4.20E-04	4.68E+02	5.03E+02	7.27E+00	0.00E+00	0.00E+00	0.00E+00	8.12E+00
U-PSH11030	1.28E-01	7.14E+00	1.64E-01	6.17E+00	3.78E-04	0.00E+00	7.25E+01	3.72E-06	4.46E-03	5.12E-02	6.69E-03	6.36E-01	4.06E-08	2.24E-06	1.02E+01	3.82E+00	9.07E-03	1.61E-01	1.60E-01	7.97E+01	1.97E+02	1.11E+01	8.01E-07	7.56E-07	2.36E-02	5.63E-04	7.11E+00	6.71E-01	2.63E+02	1.19E-03	2.63E+02	2.67E+02	7.36E+00	0.00E+00	0.00E+00	0.00E+00	7.09E+00
U-PSH11035	1.41E-01	7.71E+00	1.47E-01	6.70E+00	3.53E-04	0.00E+00	2.53E+02	3.83E-06	5.39E-03	6.35E-02	8.33E-03	6.36E-01	4.39E-08	2.22E-06	9.89E+00	3.67E+00	1.13E-02	1.71E-01	1.62E-01	8.12E+01	2.33E+02	1.15E+01	7.73E-07	7.01E-07	2.81E-02	5.85E-04	7.43E+00	8.37E-01	2.77E+02	1.07E-03	2.77E+02	3.01E+02	7.90E+00	0.00E+00	0.00E+00	0.00E+00	7.14E+00
U-PSH11040	1.01E-01	9.25E+00	9.17E-02	8.62E+00	4.50E-04	0.00E+00	2.51E+02	6.24E-06	6.01E-03	6.79E-02	1.02E-02	6.36E-01	4.29E-08	1.82E-06	1.03E+01	4.52E+00	1.37E-02	1.84E-01	1.67E-01	7.55E+01	2.83E+02	1.19E+01	5.25E-07	5.88E-07	2.76E-02	5.49E-04	7.22E+00	1.22E+00	3.48E+02	4.71E-04	3.48E+02	4.03E+02	7.53E+00	0.00E+00	0.00E+00	0.00E+00	7.26E+00
U-PSH11060	9.96E-02	1.40E+01	2.08E-01	1.43E+01	4.99E-04	0.00E+00	2.43E+02	1.58E-05	7.56E-03	7.90E-02	1.77E-02	7.79E-01	4.50E-08	1.49E-06	1.20E+01	4.55E+00	2.38E-02	5.20E-01	1.97E-01	9.99E+01	5.09E+02	1.89E+01	1.08E-06	5.80E-07	3.11E-02	5.48E-04	7.02E+00	1.84E+00	6.18E+02	4.21E-04	6.18E+02	6.33E+02	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.80E+00
U-PSH12030	1.34E-01	7.37E+00	1.64E-01	6.28E+00	4.84E-04	0.00E+00	2.55E+02	3.71E-06	4.82E-03	5.59E-02	7.34E-03	6.36E-01	4.27E-08	2.23E-06	9.96E+00	4.78E+00	9.94E-03	1.69E-01	1.70E-01	8.15E+01	1.98E+02	1.16E+01	7.72E-07	8.00E-07	2.58E-02	5.88E-04	7.25E+00	7.29E-01	2.69E+02	1.10E-03	2.69E+02	2.76E+02	7.62E+00	0.00E+00	0.00E+00	0.00E+00	7.53E+00
U-PSH12035	1.01E-01	9.15E+00	9.38E-02	8.36E+00	4.76E-04	0.00E+00	2.51E+02	4.47E-06	5.96E-03	6.79E-02	9.61E-03	6.36E-01	4.34E-08	1.82E-06	1.00E+01	4.48E+00	1.30E-02	1.70E-01	1.64E-01	7.61E+01	2.52E+02	1.15E+01	5.27E-07	5.90E-07	2.77E-02	5.50E-04	7.37E+00	1.20E+00	2.97E+02	4.71E-04	2.97E+02	3.24E+02	7.76E+00	0.00E+00	0.00E+00	0.00E+00	7.22E+00
U-PSH12040	9.72E-02	9.98E+00	8.80E-02	9.19E+00	4.52E-04	0.00E+00	2.47E+02	1.34E-05	6.15E-03	6.94E-02	1.07E-02	6.37E-01	4.20E-08	1.70E-06	1.03E+01	4.43E+00	1.45E-02	1.86E-01	1.82E-01	7.20E+01	2.88E+02	1.20E+01	5.49E-07	5.67E-07	2.81E-02	5.43E-04	7.42E+00	1.27E+00	3.52E+02	4.45E-04	3.52E+02	4.09E+02	7.04E+00	0.00E+00	0.00E+00	0.00E+00	7.85E+00
U-PSH12060	1.02E-01	1.41E+01	2.70E-01	1.44E+01	3.61E-04	0.00E+00	2.44E+02	1.58E-05	7.74E-03	8.12E-02	1.92E-02	9.23E-01	4.62E-08	1.49E-06	1.19E+01	3.83E+00	2.56E-02	5.63E-01	1.84E-01	1.31E+02	7.12E+02	2.36E+01	1.31E-06	5.83E-07	3.29E-02	6.56E-04	7.53E+00	1.95E+00	7.90E+02	4.27E-04	7.99E+02	8.33E+02	8.98E+00	0.00E+00	0.00E+00	0.00E+00	8.07E+00
U-PSH13030	1.41E-01	7.71E+00	1.47E-01	6.70E+00	4.97E-04	0.00E+00	2.53E+02	3.83E-06	5.39E-03	6.35E-02	8.33E-03	6.36E-01	4.39E-08	2.22E-06	9.97E+00	4.62E+00	1.13E-02	1.71E-01	1.62E-01	8.12E+01	2.33E+02	1.15E+01	7.73E-07	7.01E-07	2.81E-02	5.85E-04	7.43E+00	8.37E-01	2.77E+02	1.07E-03	2.77E+02	3.01E+02	7.90E+00	0.00E+00	0.00E+00	0.00E+00	7.14E+00
U-PSH13035	1.01E-01	9.25E+00	9.17E-02	8.62E+00	5.02E-04	0.00E+00	2.51E+02	6.24E-06	6.01E-03	6.79E-02	1.02E-02	6.36E-01	4.29E-08	1.82E-06	1.03E+01	4.62E+00	1.37E-02	1.84E-01	1.67E-01	7.55E+01	2.83E+02	1.19E+01	5.25E-07	5.88E-07	2.76E-02	5.49E-04	7.22E+00	1.22E+00	3.48E+02	4.71E-04	3.48E+02	4.03E+02	7.53E+00	0.00E+00	0.00E+00	0.00E+00	7.26E+00
U-PSH13040	9.93E-02	1.06E+01	8.56E-02	9.64E+00	4.53E-04	0.00E+00	2.47E+02	1.29E-05	6.56E-03	7.34E-02	1.19E-02	6.40E-01	4.39E-08	1.56E-06	1.08E+01	4.47E+00	1.61E-02	1.88E-01	1.81E-01	7.27E+01	2.95E+02	1.19E+01	5.66E-07	5.85E-07	2.97E-02	5.43E-04	7.42E+00	1.35E+00	3.61E+02	4.45E-04	3.61E+02	4.24E+02	6.86E+00	0.00E+00	0.00E+00	0.00E+00	7.94E+00
U-PSH13060	1.28E-01	1.67E+01	2.71E-01	1.73E+01	5.01E-04	0.00E+00	2.42E+02	1.58E-05	1.34E-02	1.49E-01	1.99E-02	1.01E+00	4.07E-08	1.46E-06	1.18E+01	4.78E+00	2.64E-02	5.67E-01	1.90E-01	1.11E+02	8.16E+02	2.37E+01	1.66E-06	7.07E-07	7.68E-02	6.55E-04	7.31E+00	1.97E+00	8.85E+02	4.33E-04	8.85E+02	9.12E+02	8.66E+00	0.00E+00	0.00E+00	0.00E+00	8.28E+00
U-PSH13530	1.41E-01	7.71E+00	1.47E-01	6.70E+00	4.71E-04	0.00E+00	2.53E+02	3.83E-06	5.39E-03	6.35E-02	8.33E-03	6.36E-01	4.39E-08	2.22E-06	9.97E+00	4.52E+00	1.13E-02	1.71E-01	1.62E-01	8.12E+01	2.33E+02	1.15E+01	7.73E-07	7.01E-07	2.81E-02	5.85E-04	7.43E+00	8.37E-01	2.77E+02	1.07E-03	2.77E+02	3.01E+02	7.90E+00	0.00E+00	0.00E+00	0.00E+00	7.14E+00
U-PSH13535	1.01E-01	9.25E+00	9.17E-02	8.62E+00	3.32E-04	0.00E+00	8.31E+01	6.24E-06	6.01E-03	6.79E-02	1.02E-02	6.36E-01	4.29E-08	1.82E-06	1.07E+01	3.60E+00	1.37E-02	1.84E-01	1.67E-01	7.55E+01	2.83E+02	1.19E+01	5.23E-07	5.88E-07	2.76E-02	5.49E-04	7.22E+00	1.22E+00	3.48E+02	4.71E-04	3.48E+02	4.03E+02	7.53E+00	0.00E+00	0.00E+00	0.00E+00	7.26E+00
U-PSH13540	9.88E-02

U-PSHA	6.37E-02	1.31E+00	1.02E-01	1.28E+00	5.86E-04	0.00E+00	7.11E+00	4.01E-05	8.66E-04	9.48E-03	1.70E-03	6.60E-01	4.39E-08	1.34E-08	5.75E+00	4.34E+00	2.20E-03	1.48E-02	1.45E-02	8.99E+00	5.44E+01	9.97E+01	9.84E-08	6.50E-08	3.71E-03	4.25E-03	1.07E+01	1.72E-01	7.11E+01	9.47E-06	7.11E+01	7.34E+01	1.43E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-01
U-PSHLR10035	8.42E-02	5.82E+00	9.54E-02	4.89E+00	4.45E-04	0.00E+00	2.16E+02	3.73E-06	3.82E-03	4.19E-02	4.12E-03	6.35E-01	3.41E-08	1.31E-06	9.92E+00	3.94E+00	5.57E-03	1.11E-01	9.65E-02	6.30E+01	8.24E+01	1.15E+01	5.27E-07	4.61E-07	2.02E-02	4.92E-04	4.73E+00	4.09E-01	9.21E+01	6.81E-04	9.21E+01	8.50E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	4.40E+00
U-PSHLR10040	1.01E-01	6.33E+00	1.28E-01	5.49E+00	4.71E-04	0.00E+00	2.29E+02	3.77E-06	4.31E-03	4.76E-02	4.85E-03	6.36E-01	3.58E-08	1.50E-06	9.93E+00	4.41E+00	6.57E-03	1.49E-01	1.29E-01	6.91E+01	1.05E+02	1.15E+01	6.13E-07	5.77E-07	2.23E-02	5.07E-04	5.74E+00	4.76E-01	1.14E+02	7.81E-04	1.14E+02	1.11E+02	6.20E+00	0.00E+00	0.00E+00	0.00E+00	5.74E+00
U-PSHLR10060	1.31E-01	7.53E+00	2.04E-01	7.24E+00	3.14E-04	0.00E+00	8.70E+01	3.68E-06	4.77E-03	5.37E-02	7.36E-03	6.42E-01	4.26E-08	2.23E-06	1.03E+01	3.72E+00	9.96E-03	1.71E-01	1.70E-01	1.06E+02	2.04E+02	1.86E+01	1.02E-06	7.62E-07	2.47E-02	5.99E-04	7.19E+00	7.31E-01	2.77E+02	1.10E-03	2.77E+02	2.84E+02	7.31E+00	0.00E+00	0.00E+00	0.00E+00	7.53E+00
U-PSHLR11035	1.01E-01	6.33E+00	1.28E-01	5.49E+00	4.84E-04	0.00E+00	2.29E+02	3.77E-06	4.31E-03	4.76E-02	4.85E-03	6.36E-01	3.58E-08	1.50E-06	9.93E+00	4.51E+00	6.57E-03	1.49E-01	1.29E-01	6.91E+01	1.05E+02	1.15E+01	6.13E-07	5.77E-07	2.23E-02	5.07E-04	5.74E+00	4.76E-01	1.14E+02	7.81E-04	1.14E+02	1.11E+02	6.20E+00	0.00E+00	0.00E+00	0.00E+00	5.74E+00
U-PSHLR11040	9.51E-02	7.78E+00	1.24E-01	6.74E+00	4.71E-04	0.00E+00	2.27E+02	3.85E-06	4.62E-03	5.17E-02	5.82E-03	6.38E-01	3.81E-08	1.55E-06	9.96E+00	4.34E+00	7.94E-03	1.49E-01	1.30E-01	6.92E-01	1.77E+02	1.16E+01	6.68E-07	5.21E-07	2.35E-02	5.11E-04	5.88E+00	5.81E-01	2.52E+02	8.15E-04	2.52E+02	2.66E+02	6.09E+00	0.00E+00	0.00E+00	0.00E+00	5.86E+00
U-PSHLR11060	1.00E-01	8.73E+00	1.80E-01	9.01E+00	4.68E-04	0.00E+00	2.51E+02	4.40E-06	5.67E-03	6.33E-02	9.65E-03	8.66E-01	4.37E-08	1.82E-06	9.78E+00	4.64E+00	1.30E-02	1.71E-01	1.57E-01	1.38E+00	2.57E+02	2.37E+01	1.14E-06	5.67E-07	2.64E-02	6.66E-04	7.36E+00	1.20E+00	3.05E+02	4.72E-04	3.05E+02	3.32E+02	7.51E+00	0.00E+00	0.00E+00	0.00E+00	6.73E+00
U-PSHLR12035	9.61E-02	7.12E+00	1.19E-01	6.04E+00	4.97E-04	0.00E+00	2.27E+02	3.88E-06	4.46E-03	5.03E-02	5.62E-03	6.38E-01	3.63E-08	1.55E-06	9.96E+00	4.47E+00	7.84E-03	1.48E-01	1.30E-01	6.92E-01	1.72E+02	1.14E+01	6.33E-07	5.49E-07	2.31E-02	5.11E-04	5.88E+00	5.81E-01	2.49E+02	8.15E-04	2.49E+02	2.61E+02	6.17E+00	0.00E+00	0.00E+00	0.00E+00	5.86E+00
U-PSHLR12040	1.27E-01	7.82E+00	1.65E-01	6.88E+00	4.71E-04	0.00E+00	2.40E+02	3.69E-06	4.82E-03	5.26E-02	6.69E-03	6.38E-01	4.03E-08	2.24E-06	9.99E+00	4.68E+00	9.08E-03	1.63E-01	1.60E-01	7.97E-01	2.02E+02	1.16E+01	8.27E-07	7.17E-07	2.40E-02	5.63E-04	7.11E+00	6.70E-01	2.67E+02	1.19E-03	2.67E+02	2.73E+02	7.16E+00	0.00E+00	0.00E+00	0.00E+00	7.09E+00
U-PSHLR12060	9.63E-02	8.92E+00	2.25E-01	9.25E+00	4.97E-04	0.00E+00	2.46E+02	3.34E-05	5.69E-03	6.34E-02	1.08E-02	8.68E-01	4.30E-08	1.70E-06	1.01E+01	4.74E+00	1.45E-02	1.86E-01	1.74E-01	1.34E+00	2.89E+02	2.39E+01	1.13E-06	5.65E-07	2.61E-02	6.55E-04	7.52E+00	1.27E+00	3.53E+02	4.45E-04	3.53E+02	4.09E+02	7.24E+00	0.00E+00	0.00E+00	0.00E+00	7.48E+00
U-PSHLR13035	1.28E-01	7.14E+00	1.64E-01	6.17E+00	4.97E-04	0.00E+00	2.41E+02	3.72E-06	4.48E-03	5.12E-02	6.69E-03	6.36E-01	4.06E-08	2.24E-06	9.98E+00	4.81E+00	9.07E-03	1.61E-01	1.60E-01	7.97E-01	1.97E+02	1.15E+01	8.12E-07	7.56E-07	2.36E-02	5.63E-04	7.11E+00	6.71E-01	2.63E+02	1.19E-03	2.63E+02	2.67E+02	7.36E+00	0.00E+00	0.00E+00	0.00E+00	7.09E+00
U-PSHLR13040	1.34E-01	7.37E+00	1.64E-01	6.28E+00	4.71E-04	0.00E+00	2.55E+02	3.71E-06	4.82E-03	5.59E-02	7.34E-03	6.36E-01	4.27E-08	2.23E-06	9.99E+00	4.68E+00	9.94E-03	1.69E-01	1.70E-01	8.15E-01	1.98E+02	1.16E+01	7.72E-07	8.00E-07	2.58E-02	5.86E-04	7.25E+00	7.29E-01	2.69E+02	1.10E-03	2.69E+02	2.76E+02	7.62E+00	0.00E+00	0.00E+00	0.00E+00	7.53E+00
U-PSHLR13060	9.92E-02	1.02E+01	1.80E-01	1.00E+01	2.71E-04	0.00E+00	7.94E+01	1.29E-05	6.48E-03	7.10E-02	1.19E-02	6.47E-01	4.58E-08	1.56E-06	1.12E+01	3.54E+00	1.61E-02	1.88E-01	1.81E-01	9.96E-01	2.94E+02	1.91E+01	9.85E-07	5.85E-07	2.89E-02	5.50E-04	7.35E+00	1.35E+00	3.62E+02	4.45E-04	3.62E+02	4.25E+02	6.85E+00	0.00E+00	0.00E+00	0.00E+00	7.94E+00
U-PSHLR13535	1.28E-01	7.14E+00	1.64E-01	6.17E+00	4.45E-04	0.00E+00	2.41E+02	3.72E-06	4.48E-03	5.12E-02	6.69E-03	6.36E-01	4.06E-08	2.24E-06	9.87E+00	4.71E+00	9.07E-03	1.61E-01	1.60E-01	7.97E-01	1.97E+02	1.15E+01	8.12E-07	7.56E-07	2.36E-02	5.63E-04	7.11E+00	6.71E-01	2.63E+02	1.19E-03	2.63E+02	2.67E+02	7.36E+00	0.00E+00	0.00E+00	0.00E+00	7.09E+00
U-PSHLR13540	1.41E-01	8.40E+00	1.48E-01	7.35E+00	4.97E-04	0.00E+00	2.53E+02	3.80E-06	5.53E-03	6.45E-02	8.33E-03	6.36E-01	4.31E-08	2.22E-06	9.97E+00	4.56E+00	1.13E-02	1.73E-01	1.62E-01	8.12E-01	2.38E+02	1.16E+01	7.94E-07	6.77E-07	2.85E-02	5.85E-04	7.43E+00	8.37E-01	2.81E+02	1.07E-03	2.81E+02	3.06E+02	7.74E+00	0.00E+00	0.00E+00	0.00E+00	7.14E+00
U-PSHLR13560	9.83E-02	1.02E+01	2.67E-01	1.03E+01	3.57E-04	0.00E+00	2.45E+02	1.59E-05	6.42E-03	7.03E-02	1.26E-02	8.23E-01	4.65E-08	1.53E-06	1.17E+01	3.88E+00	1.70E-02	1.93E-01	1.84E-01	1.32E+00	2.93E+02	2.37E+01	1.21E-06	5.82E-07	2.86E-02	6.55E-04	7.75E+00	1.42E+00	3.63E+02	4.17E-04	3.63E+02	4.24E+02	6.94E+00	0.00E+00	0.00E+00	0.00E+00	7.89E+00
U-PSHLR14035	1.34E-01	7.37E+00	1.64E-01	6.28E+00	4.97E-04	0.00E+00	2.55E+02	3.71E-06	4.82E-03	5.59E-02	7.34E-03	6.36E-01	4.27E-08	2.23E-06	9.96E+00	4.78E+00	9.94E-03	1.69E-01	1.70E-01	8.15E-01	1.98E+02	1.16E+01	7.72E-07	8.00E-07	2.58E-02	5.86E-04	7.25E+00	7.29E-01	2.69E+02	1.10E-03	2.69E+02	2.76E+02	7.62E+00	0.00E+00	0.00E+00	0.00E+00	7.53E+00
U-PSHLR14040	1.41E-01	8.40E+00	1.48E-01	7.35E+00	4.71E-04	0.00E+00	2.53E+02	3.80E-06	5.53E-03	6.45E-02	8.33E-03	6.36E-01	4.31E-08	2.22E-06	9.97E+00	4.49E+00	1.13E-02	1.73E-01	1.62E-01	8.12E-01	2.38E+02	1.16E+01	7.94E-07	6.77E-07	2.85E-02	5.85E-04	7.43E+00	8.37E-01	2.81E+02	1.07E-03	2.81E+02	3.06E+02	7.74E+00	0.00E+00	0.00E+00	0.00E+00	7.14E+00
U-PSHLR14060	9.86E-02	1.05E+01	2.70E-01	1.05E+01	4.51E-04	0.00E+00	2.45E+02	1.59E-05	6.43E-03	7.11E-02	1.29E-02	8.23E-01	4.65E-08	1.49E-06	1.14E+01	4.71E+00	1.75E-02	1.96E-01	1.87E-01	1.32E+00	2.99E+02	2.37E+01	1.21E-06	5.82E-07	2.91E-02	6.53E-04	7.73E+00	1.44E+00	3.64E+02	4.18E-04	3.64E+02	4.26E+02	7.09E+00	0.00E+00	0.00E+00	0.00E+00	8.05E+00
U-PSHLR15035	1.34E-01	7.37E+00	1.64E-01	6.28E+00	3.27E-04	0.00E+00	8.73E+01	3.71E-06	4.82E-03	5.59E-02	7.34E-03	6.36E-01	4.27E-08	2.23E-06	1.04E+01	3.79E+00	9.94E-03	1.69E-01	1.70E-01	8.15E-01	1.98E+02	1.16E+01	7.70E-07	8.00E-07	2.58E-02	5.86E-04	7.25E+00	7.29E-01	2.69E+02	1.10E-03	2.69E+02	2.76E+02	7.62E+00	0.00E+00	0.00E+00	0.00E+00	7.53E+00
U-PSHLR15040	1.01E-01	9.74E+00	9.76E-02	8.85E+00	4.76E-04	0.00E+00	2.52E+02	4.43E-06	6.11E-03	6.90E-02	9.61E-03	6.36E-01	4.30E-08	1.82E-06	1.05E+01	4.62E+00	1.30E-02	1.72E-01	1.64E-01	7.61E-01	2.57E+02	1.16E+01	5.69E-07	5.69E-07	2.83E-02	5.50E-04	7.37E+00	1.20E+00	3.02E+02	4.71E-04	3.02E+02	3.29E+02	7.62E+00	0.00E+00	0.00E+00	0.00E+00	7.22E+00
U-PSHLR15060	9.96E-02	1.40E+01	2.70E-01	1.42E+01	5.04E-04	0.00E+00	2.43E+02	1.58E-05	7.34E-03	7.71E-02	1.51E-02	8.87E-01	4.59E-08	1.49E-06	1.19E+01	4.76E+00	2.05E-02	3.08E-01	1.87E-01	1.29E+00	3.69E+02	2.37E+01	1.21E-06	5.83E-07	3.05E-02	6.53E-04	7.31E+00	1.64E+00	4.68E+02	4.20E-04	4.68E+02	5.03E+02	7.27E+00	0.00E+00	0.00E+00	0.00E+00	8.12E+00
U-PSHLR16035	1.41E-01	7.71E+00	1.47E-01	6.70E+00	3.53E-04	0.00E+00	2.53E+02	3.83E-06	5.36E-03	6.35E-02	8.33E-03	6.36E-01	4.39E-08	2.22E-06	9.89E+00	3.67E+00	1.13E-02	1.71E-01	1.62E-01	8.12E-01	2.33E+02	1.15E+01	7.73E-07	7.01E-07	2.81E-02	5.85E-04	7.43E+00	8.37E-01	2.77E+02	1.07E-03	2.77E+02	3.01E+02	7.90E+00	0.00E+00	0.00E+00	0.00E+00	7.14E+00
U-PSHLR16040	1.01E-01	9.25E+00	9.17E-02	8.62E+00	4.50E-04	0.00E+00	2.51E+02	6.24E-06	6.01E-03	6.79E-02	1.02E-02	6.36E-01	4.29E-08	1.82E-06	1.03E+01	4.52E+00	1.37E-02	1.84E-01	1.67E-01	7.55E-01	2.83E+02	1.19E+01	5.25E-07	5.88E-07	2.76E-02	5.49E-04	7.22E+00	1.22E+00	3.48E+02	4.71E-04	3.48E+02	4.03E+02	7.53E+00	0.00E+00	0.00E+00	0.00E+00	7.26E+00
U-PSHLR16060	9.96E-02	1.40E+01	2.68E-01	1.43E+01	4.99E-04	0.00E+00	2.43E+02	1.58E-05	7.56E-03	7.90E-02	1.77E-02	7.79E-01	4.50E-08	1.49E-06	1.20E+01	4.55E+00	2.38E-02	5.20E-01	1.97E-01	9.99E-01	5.09E+02	1.89E+01	1.08E-06	5.80E-07	3.11E-02	5.48E-04	7.02E+00	1.84E+00	6.18E+02	4.21E-04	6.18E+02	6.33E+02	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.80E+00
U-PSHLR18035	1.01E-01	9.25E+00	9.17E-02	8.62E+00	5.02E-04	0.00E+00	2.51E+02	6.24E-06	6.01E-03	6.79E-02	1.02E-02	6.36E-01	4.29E-08	1.82E-06	1.03E+01	4.62E+00	1.37E-02	1.84E-01	1.67E-01	7.55E-01	2.83E+02	1.19E+01	5.25E-07	5.88E-07	2.76E-02	5.49E-04	7.22E+00	1.22E+00	3.48E+02	4.71E-04	3.48E+02	4.03E+02	7.53E+00	0.00E+00	0.00E+00	0.00E+00	7.26E+00
U-PSHLR18040	9.93E-02	1.06E+01	8.56E-02	9.64E+00	4.53E-04	0.00E+00	2.47E+02	1.29E-05	6.56E-03	7.34E-02	1.19E-02	6.40E-01	4.38E-08	1.56E-06	1.08E+01	4.47E+00	1.61E-02	1.88E-01	1.81E-01	7.27E-01	2.95E+02	1.19E+01	5.66E-07	5.85E-07	2.97E-02	5.43E-04	7.42E+00	1.35E+00	3.61E+02	4.45E-04	3.61E+02	4.24E+02	6.86E+00	0.00E+00	0.00E+00	0.00E+00	7.94E+00
U-PSHLR18060	1.26E-01	1.67E+01	2.71E-01	1.73E+01	5.01E-04	0.00E+00	2.42E+02	1.58E-05	1.34E-02	1.49E-01	1.99E-02	1.01E+00	4.07E-08	1.46E-06	1.18E+01	4.78E+00	2.64E-02	5.67E-01	1.90E-01	1.11E+00	8.16E+02	2.37E+01	1.66E-06	7.07E-07	7.08E-02	6.55E-04	7.31E+00	1.97E+00	8.85E+02	4.33E-04	8.85E+02	9.12E+02	8.66E+00	0.00E+00	0.00E+00	0.00E+00	8.28E+00
U-PSHLR8035	4.74E-02	4.78E+00	6.59E-02	4.01E+00	3.29E-04	0.00E+00	2.85E+01	3.72E-06	3.38E-03	3.76E-02	2.44E-03	6.19E-01	3.86E-08	7.82E-07	1.02E+01	3.03E+00	3.28E-03	6.60E-02	6.12E-02	5.23E-01	8.62E+01	7.65E+00	3.15E-07	2.83E-07	1.84E-02	3.65E-04	3.48E+00	2.42E-01	1.07E+02	4.11E-04	1.07E+02	8.74E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	2.72E+00
U-PSHLR8040	1.48E-02	3.64E+00	2.27E-01	3.20E+00	9.05E-04	0.00E+00	1.31E+01	5.82E-06	2.07E-03	2.21E-02	3.31E-03	6.07E-01	4.33E-08	5.23E-08	1.79E+01	8.75E+00	4.51E-03	8.91E-02	6.77E-02	1.93E+01	5.64E+01	1.51E+02	4.43E-07	1.11E-07	8.70E-03	9.01E-03	2.31E+01	3.35E-01	7.40E+01	1.40E-05	7.40E+01	7.59E+01	2.08E+00	0.00E+00	0.00E+00	0.00E+00	2.43E+00
U-PSHLR8060	1.01E-01	6.33E+00	1.28E-01	5.49E+00	4.97E-04	0.00E+00	2.29E+02	3.77E-06	4.31E-03	4.76E-02	4.85E-03	6.36E-01	3.58E-08	1.50E-06	9.93E+00	4.51E+00	6.57E-03	1.49E-01	1.29E-01	6.91E+01	1.05E+02	1.15E+01	6.13E-07	5.77E-07	2.23E-02	5.07E-04	5.74E+00	4.76E-01	1.14E+02	7.81E-04	1.14E+02	1.11E+02	6.20E+00	0.00E+00	0.00E+00	0.00E+00	5.74E+00
U-PSHLR8535	1.48E-02	3.64E+00	2.27E-01	3.20E+00	1.00E-03	0.00E+00	1.31E+01	5.82E-06	2.07E-03	2.21E-02	3.31E-03	6.07E-01	4.33E-08	5.23E-08	1.79E+01	8.92E+00	4.51E-03	8.91E-02	6.77E-02	1.93E+01	5.64E+01	1.51E+02	4.43E-07	1.11E-07	8.70E-03	9.03E-03	2.31E+01	3.35E-01	7.40E+01	1.40E-05	7.40E+01	7.59E+01	2.08E+00	0.00E+00	0.00E+00	0.00E+00	2.43E+00
U-PSHLR8540	7.31E-02	5.06E+00	9.13E-02	4.29E+00	2.76E-04	0.00E+00	4.57E+01	3.67E-06	3.55E-03	4.10E-02	3.41E-03	6.19E-01	3.48E-08	1.14E-06	1.03E+01	3.28E+00	4.58E-03	9.92E-02	9.92E-02	5.74E-01	6.05E+01	8.01E+00	4.48E-07	4.23E-07	2.05E-02	4.39E-04	4.70E+00	3.41E-01	7.94E+01	6.58E-04	7.94E+01	6.62E+01	5.02E+00	0.00E+00	0.00E+00	0.00E+00	4.30E+00
U-PSHLR8560	9.37E-02	7.24E+00	1.84E-01	7.07E+00	4.85E-04	0.00E+00	2.26E+02	3.84E-06	4.38E-03	4.83E-02	5.83E-03	6.43E-01	3.90E-08	1.55E-06	9.88E+00	4.43E+00	7.94E-03	1.49E-01	1.30E-01	9.66E-01	1.78E+02	1.83E+01	9.28E-07	5.16E-07	2.19E-02	5.17E-04	5.88E+00	5.81E-01	2.56E+02	8.16E-04	2.56E+02	2.69E+02	6.08E+00	0.00E+00	0.00E+00	0.00E+00	5.86E+00
U-PSHM11035	1.01E-01	6.33E+00	1.28E-01	5.49E+00	5.46E-04	0.00E+00	2.29E+02	3.77E-06	4.31E-03	4.76E-02	4.85E-03	6.36E-01	3.58E-08	1.50E-06	9.79E+00	4.51E+00	6.57E-03	1.49E-01	1.29E-01	6.91E+01	1.05E+02	1.11E+01	6.02E-07	5.77E-07	2.23E-02	5.07E-04	5.74E+00	4.76E-01	1.14E+02	7.81E-04	1.14E+02	1.11E+02	6.20E+00	0.00E+00	0.00E+00	0.00E+00	5.74E+00
U-PSHM11040	9.61E-02	7.12E+00	1.19E-01	6.04E+00	4.97E-04	0.00E+00	2.27E+02	3.88E-06	4.46E-03	5.03E-02	5.62E-03	6.38E-01	3.63E-08	1.55E-06	9.96E+00	4.47E+00	7.84E-03	1.48E-01	1.30E-01	6.92E-01	1.72E+02	1.14E+01	6.33E-07	5.49E-07	2.31E-02	5.11E-04	5.88E+00	5.81E-01	2.49E+02	8.15E-04	2.49E+02	2.61E+02	6.17E+00	0.00E+00	0.00E+00	0.00E+00	5.86E+00
U-PSHM11060	1.01E-01	9.15E+00	9.38E-02	8.36E+00	5.02E-04	0.00E+00	2.51E+02	4.47E-06	5.96E-03	6.76E-02	9.61E-03	6.36E-01	4.34E-08	1.82E-06	1.00E+01	4.58E+00	1.30E-02	1.70E-01	1.64E-01	7.61E-01	2.52E+02	1.15E+01	5.27E-07	5.92E-07	2.77E-02	5.50E-04	7.37E+00	1.20E+00	2.97E+02	4.71E-04	2.97E+02	3.24E+02	7.76E+00	0.00E+00	0.00E+00	0.00E+00	7.22E+00
U-PSHM12035	9.61E-02	7.12E+00	1.19E-01	6.04E+00	4.97E-04	0.00E+00	2.27E+02	3.88E-06	4.46E-03	5.03E-02	5.62E-03	6.38E-01	3.63E-08	1.55E-06	9.96E+00	4.47E+00	7.84E-03	1.48E-01	1.30E-01	6.92E-01	1.72E+02	1.14E+01	6.33E-07	5.49E-07	2.31E-02	5.11E-04	5.88E+00	5.81E-01	2.49E+02	8.15E-04	2.49E+02	2.61E+02	6.17E+00	0.00E+00	0.00E+00	0.00E+00	5.86E+00
U-PSHM12040	1.28E-01	7.14E+00	1.64E-01	6.17E+00	4.97E-04	0.00E+00	2.41E+02	3.72E-06	4.48E-03	5.12E-02	6.69E-03	6.36E-01	4.06E-08	2.24E-06	9.96E+00	4.81E+00	9.07E-03	1.61E-01	1.60E-01	7.97E-01	1.97E+02	1.15E+01	8.12E-07	7.56E-07	2.36E-02	5.63E-04	7.11E+00	6.71E-01	2.63E+02	1.19E-03	2.63E+02	2.67E+02	7.36E+00	0.00E+00	0.00E+00	0.00E+00	7.09E+00
U-PSHM12060	9.65E-02	9.38E+00	1.80E-01	9.37E+00	4.92E-04	0.00E+00	2.47E+02	1.34E-05	5.94E-03	6.61E-02	1.07E-02	8.42E-01	4.28E-08	1.70E-06	1.03E+01	4.51E+00	1.45E-02	1.86E-01	1.82E-01	9.94E-01	2.88E+02	1.92E+01	9.28E-07	5.66E-07	2.68E-02	5.50E-04	7.33E+00	1.27E+00	3.53E+02	4.45E-04	3.53E+02	4.09E+02	7.03E+00	0.00E+00	0.00E+00	0.00E+00	7.85E+00
U-PSHM13035	1.28E-01	7.14E+00	1.64E-01	6.17E+00	5.46E-04	0.00E+00	2.41E+02	3.72E-06	4.48E-03	5.12E-02	6.69E-03	6.36E-01	4.06E-08	2.24E-06	9.82E+00	4.81E+00	9.07E-03	1.61E-01	1.60E-01	7.97E-01	1.97E+02	1.11E+01	8.04E-07	7.56E-07	2.36E-02	5.63E-04	7.11E+00	6.71E-01	2.63E+02	1.19E-03	2.63E+02	2.67E+02	7.36E+00	0.00E+00	0.00E+00	0.00E+00	7.09E+00
U-PSHM13040	1.34E-01	7.37E+00	1.64E-01	6.28E+00	4.97E-04	0.00E+00	2.55E+02	3.71E-06	4.82E-03	5.59E-02	7.34E-03	6.36E-01	4.27E-08	2.23E-06	9.96E+00	4.78E+00	9.94E-03	1.69E-01	1.70E-01	8.15E-01	1.98E+02	1.16E+01	7.72E-07	8.00E-07	2.58E-02	5.86E-04	7.25E+00	7.29E-01	2.69E+02	1.10E-03	2.69E+02	2.76E+02	7.62E+00	0.00E+00	0.00E+00	0.00E+00	7.53E+00
U-PSHM13060	9.93E-02	1.00E+01	8.18E-02	9.10E+00	3.62E-04	0.00E+00	2.47E+02	1.29E-05	6.45E-03	7.16E-02	1.19E-02	6.40E-01	4.42E-08	1.56E-06	1.08E+01	3.68E+00	1.61E-02	1.86E-01	1.81E-01	7.27E-01	2.92E+02	1.18E+01	5.17E-07	6.04E-07	2.88E-02	5.43E-04	7.42E+00	1.35E+00	3.57E+02	4.45E-04	3.57E+02	4.21E+02	6.93E+00	0.00E+00	0.00E+00	0.00E+00	7.94E+00
U-PSHM13535	1.28E-01	7.14E+00	1.64E-01	6.17E+00	4.97E-04	0.00E+00	2.41E+02	3.72E-06	4.48E-03	5.12E-02	6.69E-03	6.36E-01	4.06E-08	2.24E-06	9.96E+00	4.81E+00	9.07E-03	1.61E-01	1.60E-01	7.97E-01	1.97E+02	1.15E+01	8.12E-07	7.56E-07	2.36E-02	5.63E-04	7.11E+00	6.71E-01	2.63E+02	1.19E-03	2.63E+02	2.67E+02	7.36E+00	0.00E+00	0.00E+00	0.00E+00	7.09E+00
U-PSHM13540	1.34E-01	7.37E+00	1.64E-01	6.28E+00	2.76E-04	0.00E+00	8.73E+01	3.71E-06	4.82E-03	5.59E-02	7.34E-03	6.36E-01	4.27E-08	2.23E-06	1.04E+01	3.79E+00	9.94E-03	1.69E-01	1.70E-01	8.15E-01	1.98E+02	1.16E+01	7.70E-07	8.00E-07	2.58E-02	5.86E-04	7.25E+00	7.29E-01	2.69E+02	1.10E-03	2.69E+02	2.76E+02	7.62E+00	0.00E+00	0.00E+00	0.00E+00	7.53E+00
U-PSHM13560	9.83E-02	1.02E+01	2.61E-01	1.03E+01	4.65E-04	0.00E+00	2.46E+02	1.59E-05	6.42E-03	7.03E-02	1.26E-02	8.23E-01	4.65E-08	1.53E-06	1.16E+01	4.73E+00	1.70E-02	1.93E-01	1.86E-01	1.32E+00	2.93E+02	2.34E+01	1.21E-06	5.80E-07	2.89E-02	6.55E-04	7.59E+00	1.42E+00	3.63E+02	4.17E-04	3.63E+02	4.23E+02	6.58E+00	0.00E+00

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C-RA602720	5.80E-02	8.23E+00	0.00E+00	8.23E+00	0.00E+00	0.00E+00	5.68E+00	3.22E-06	2.52E-02	3.02E-01	0.00E+00	0.00E+00	1.54E-10	3.06E-09	2.19E-02	0.00E+00	0.00E+00	0.00E+00	7.67E-04	3.00E-01	1.27E+02	0.00E+00	1.29E-08	4.38E-07	7.44E-02	2.15E-04	1.70E-01	0.00E+00	1.27E+02	3.31E-07	1.27E+02	1.18E+02	1.70E-01	0.00E+00	0.00E+00	0.00E+00	3.34E-02
C-RA602720W	5.80E-02	8.23E+00	0.00E+00	8.23E+00	0.00E+00	0.00E+00	5.68E+00	3.22E-06	2.52E-02	3.02E-01	0.00E+00	0.00E+00	1.54E-10	3.06E-09	2.19E-02	0.00E+00	0.00E+00	0.00E+00	7.67E-04	3.00E-01	1.27E+02	0.00E+00	1.29E-08	4.38E-07	7.44E-02	2.15E-04	1.70E-01	0.00E+00	1.27E+02	3.31E-07	1.27E+02	1.18E+02	1.70E-01	0.00E+00	0.00E+00	0.00E+00	3.34E-02
C-RA603520	5.80E-02	8.23E+00	0.00E+00	8.23E+00	0.00E+00	0.00E+00	5.68E+00	3.22E-06	2.52E-02	3.02E-01	0.00E+00	0.00E+00	1.54E-10	3.06E-09	2.19E-02	0.00E+00	0.00E+00	0.00E+00	7.67E-04	3.00E-01	1.27E+02	0.00E+00	1.29E-08	4.38E-07	7.44E-02	2.15E-04	1.70E-01	0.00E+00	1.27E+02	3.31E-07	1.27E+02	1.18E+02	1.70E-01	0.00E+00	0.00E+00	0.00E+00	3.34E-02
C-RA603520W	5.80E-02	8.23E+00	0.00E+00	8.23E+00	0.00E+00	0.00E+00	5.68E+00	3.22E-06	2.52E-02	3.02E-01	0.00E+00	0.00E+00	1.54E-10	3.06E-09	2.19E-02	0.00E+00	0.00E+00	0.00E+00	7.67E-04	3.00E-01	1.27E+02	0.00E+00	1.29E-08	4.38E-07	7.44E-02	2.15E-04	1.70E-01	0.00E+00	1.27E+02	3.31E-07	1.27E+02	1.18E+02	1.70E-01	0.00E+00	0.00E+00	0.00E+00	3.34E-02
C-RA802720	5.84E-02	9.21E+00	0.00E+00	9.21E+00	0.00E+00	0.00E+00	6.04E+00	3.46E-06	2.74E-02	3.00E-01	0.00E+00	0.00E+00	1.62E-10	3.14E-09	2.25E-02	0.00E+00	0.00E+00	0.00E+00	8.15E-04	3.24E-01	1.29E+02	0.00E+00	1.41E-08	4.75E-07	7.58E-02	2.31E-04	1.72E-01	0.00E+00	1.29E+02	3.63E-07	1.29E+02	1.29E+02	1.72E-01	0.00E+00	0.00E+00	0.00E+00	3.50E-02
C-RA802720W	7.14E-02	1.12E+01	0.00E+00	1.12E+01	0.00E+00	0.00E+00	7.34E+00	4.34E-06	3.47E-02	3.71E-01	0.00E+00	0.00E+00	2.03E-10	3.95E-09	2.78E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03	3.99E-01	1.63E+02	0.00E+00	1.82E-08	5.71E-07	9.30E-02	2.91E-04	2.13E-01	0.00E+00	1.63E+02	4.62E-07	1.63E+02	1.62E+02	2.13E-01	0.00E+00	0.00E+00	0.00E+00	4.40E-02
C-RA803520	7.02E-02	1.07E+01	0.00E+00	1.07E+01	0.00E+00	0.00E+00	7.02E+00	4.14E-06	3.33E-02	3.59E-01	0.00E+00	0.00E+00	1.94E-10	3.78E-09	2.72E-02	0.00E+00	0.00E+00	0.00E+00	9.90E-04	3.78E-01	1.58E+02	0.00E+00	1.73E-08	5.44E-07	9.10E-02	2.79E-04	2.09E-01	0.00E+00	1.58E+02	4.37E-07	1.58E+02	1.57E+02	2.09E-01	0.00E+00	0.00E+00	0.00E+00	4.31E-02
C-RA803520W	7.02E-02	1.07E+01	0.00E+00	1.07E+01	0.00E+00	0.00E+00	7.02E+00	4.14E-06	3.33E-02	3.59E-01	0.00E+00	0.00E+00	1.94E-10	3.78E-09	2.72E-02	0.00E+00	0.00E+00	0.00E+00	9.90E-04	3.78E-01	1.58E+02	0.00E+00	1.73E-08	5.44E-07	9.10E-02	2.79E-04	2.09E-01	0.00E+00	1.58E+02	4.37E-07	1.58E+02	1.57E+02	2.09E-01	0.00E+00	0.00E+00	0.00E+00	4.31E-02
C-RA852720	8.17E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.48E+00	4.85E-06	3.83E-02	4.28E-01	0.00E+00	0.00E+00	2.25E-10	4.38E-09	3.14E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-03	4.53E-01	1.81E+02	0.00E+00	2.00E-08	6.77E-07	1.06E-01	3.22E-04	2.39E-01	0.00E+00	1.81E+02	5.10E-07	1.81E+02	1.81E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
C-RA852720W	7.24E-02	1.12E+01	0.00E+00	1.12E+01	0.00E+00	0.00E+00	7.43E+00	4.34E-06	3.48E-02	3.74E-01	0.00E+00	0.00E+00	2.02E-10	3.97E-09	2.84E-02	0.00E+00	0.00E+00	0.00E+00	1.02E-03	4.03E-01	1.64E+02	0.00E+00	1.81E-08	5.74E-07	9.51E-02	2.91E-04	2.15E-01	0.00E+00	1.64E+02	4.61E-07	1.64E+02	1.63E+02	2.15E-01	0.00E+00	0.00E+00	0.00E+00	4.42E-02
C-RA853520	8.23E-02	1.28E+01	0.00E+00	1.28E+01	0.00E+00	0.00E+00	8.48E+00	4.85E-06	3.84E-02	4.29E-01	0.00E+00	0.00E+00	2.26E-10	4.39E-09	3.14E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-03	4.56E-01	1.82E+02	0.00E+00	2.01E-08	6.77E-07	1.06E-01	3.21E-04	2.40E-01	0.00E+00	1.82E+02	5.12E-07	1.82E+02	1.81E+02	2.40E-01	0.00E+00	0.00E+00	0.00E+00	4.77E-02
C-RA853520W	7.30E-02	1.12E+01	0.00E+00	1.12E+01	0.00E+00	0.00E+00	7.43E+00	4.35E-06	3.49E-02	3.76E-01	0.00E+00	0.00E+00	2.02E-10	3.98E-09	2.84E-02	0.00E+00	0.00E+00	0.00E+00	1.02E-03	4.06E-01	1.64E+02	0.00E+00	1.82E-08	5.74E-07	9.51E-02	2.91E-04	2.17E-01	0.00E+00	1.64E+02	4.63E-07	1.64E+02	1.63E+02	2.17E-01	0.00E+00	0.00E+00	0.00E+00	4.44E-02
C-RW7520	2.06E-02	3.26E+00	0.00E+00	3.26E+00	0.00E+00	0.00E+00	2.16E+00	1.21E-06	9.46E-03	1.09E-01	0.00E+00	0.00E+00	5.99E-11	1.16E-09	8.15E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04	1.13E-01	4.52E+01	0.00E+00	5.25E-09	1.64E-07	2.65E-02	8.10E-05	6.12E-02	0.00E+00	4.52E+01	1.33E-07	4.52E+01	4.64E+01	6.12E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-02
C-RWS7520	2.06E-02	3.26E+00	0.00E+00	3.26E+00	0.00E+00	0.00E+00	2.15E+00	1.22E-06	9.46E-03	1.09E-01	0.00E+00	0.00E+00	5.99E-11	1.17E-09	8.25E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04	1.13E-01	4.50E+01	0.00E+00	5.28E-09	1.64E-07	2.65E-02	8.10E-05	6.10E-02	0.00E+00	4.50E+01	1.32E-07	4.50E+01	4.63E+01	6.10E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-02
C-SB271	5.63E-04	8.79E-02	0.00E+00	8.79E-02	0.00E+00	0.00E+00	5.80E-02	3.30E-08	2.61E-04	2.87E-03	0.00E+00	0.00E+00	1.55E-12	2.98E-11	2.16E-04	0.00E+00	0.00E+00	0.00E+00	7.77E-06	3.12E-03	1.23E+00	0.00E+00	1.35E-10	4.55E-09	7.21E-04	2.20E-06	1.64E-03	0.00E+00	1.23E+00	3.46E-09	1.23E+00	1.23E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	3.36E-04
C-SB351	7.01E-04	1.11E-01	0.00E+00	1.11E-01	0.00E+00	0.00E+00	7.31E-02	4.19E-08	3.31E-04	3.61E-03	0.00E+00	0.00E+00	1.96E-12	3.76E-11	2.72E-04	0.00E+00	0.00E+00	0.00E+00	9.86E-06	3.91E-03	1.56E+00	0.00E+00	1.71E-10	5.70E-09	9.16E-04	2.79E-06	2.08E-03	0.00E+00	1.56E+00	4.36E-09	1.56E+00	1.56E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	4.21E-04
C-SBD100	2.06E-03	3.24E-01	0.00E+00	3.24E-01	0.00E+00	0.00E+00	2.15E-01	1.22E-07	9.70E-04	1.07E-02	0.00E+00	0.00E+00	5.72E-12	1.11E-10	7.93E-04	0.00E+00	0.00E+00	0.00E+00	2.88E-05	1.14E-02	4.56E+00	0.00E+00	4.98E-10	1.68E-08	2.68E-03	8.16E-06	6.06E-03	0.00E+00	4.56E+00	1.29E-08	4.56E+00	4.56E+00	6.06E-03	0.00E+00	0.00E+00	0.00E+00	1.23E-03
C-SBD100W	2.06E-03	3.24E-01	0.00E+00	3.24E-01	0.00E+00	0.00E+00	2.15E-01	1.22E-07	9.70E-04	1.07E-02	0.00E+00	0.00E+00	5.72E-12	1.11E-10	7.93E-04	0.00E+00	0.00E+00	0.00E+00	2.88E-05	1.14E-02	4.56E+00	0.00E+00	4.98E-10	1.68E-08	2.68E-03	8.16E-06	6.06E-03	0.00E+00	4.56E+00	1.29E-08	4.56E+00	4.56E+00	6.06E-03	0.00E+00	0.00E+00	0.00E+00	1.23E-03
C-SBD110	2.53E-03	4.03E-01	0.00E+00	4.03E-01	0.00E+00	0.00E+00	2.68E-01	1.51E-07	1.19E-03	1.31E-02	0.00E+00	0.00E+00	7.16E-12	1.37E-10	9.93E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05	1.42E-02	5.61E+00	0.00E+00	6.15E-10	2.12E-08	3.29E-03	1.02E-05	7.43E-03	0.00E+00	5.61E+00	1.60E-08	5.61E+00	5.67E+00	7.43E-03	0.00E+00	0.00E+00	0.00E+00	1.54E-03
C-SBD110W	2.53E-03	4.03E-01	0.00E+00	4.03E-01	0.00E+00	0.00E+00	2.68E-01	1.51E-07	1.19E-03	1.31E-02	0.00E+00	0.00E+00	7.16E-12	1.37E-10	9.93E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05	1.42E-02	5.61E+00	0.00E+00	6.15E-10	2.12E-08	3.29E-03	1.02E-05	7.43E-03	0.00E+00	5.61E+00	1.60E-08	5.61E+00	5.67E+00	7.43E-03	0.00E+00	0.00E+00	0.00E+00	1.54E-03
C-SBD120	2.56E-03	4.10E-01	0.00E+00	4.10E-01	0.00E+00	0.00E+00	2.72E-01	1.54E-07	1.22E-03	1.34E-02	0.00E+00	0.00E+00	7.31E-12	1.41E-10	1.00E-03	0.00E+00	0.00E+00	0.00E+00	3.64E-05	1.45E-02	5.75E+00	0.00E+00	6.24E-10	2.13E-08	3.35E-03	1.05E-05	7.60E-03	0.00E+00	5.75E+00	1.63E-08	5.75E+00	5.83E+00	7.60E-03	0.00E+00	0.00E+00	0.00E+00	1.56E-03
C-SBD120W	2.56E-03	4.10E-01	0.00E+00	4.10E-01	0.00E+00	0.00E+00	2.72E-01	1.54E-07	1.22E-03	1.34E-02	0.00E+00	0.00E+00	7.31E-12	1.41E-10	1.00E-03	0.00E+00	0.00E+00	0.00E+00	3.64E-05	1.45E-02	5.75E+00	0.00E+00	6.24E-10	2.13E-08	3.35E-03	1.05E-05	7.60E-03	0.00E+00	5.75E+00	1.63E-08	5.75E+00	5.83E+00	7.60E-03	0.00E+00	0.00E+00	0.00E+00	1.56E-03
C-SBD135	2.87E-03	4.53E-01	0.00E+00	4.53E-01	0.00E+00	0.00E+00	3.02E-01	1.71E-07	1.35E-03	1.48E-02	0.00E+00	0.00E+00	8.09E-12	1.55E-10	1.11E-03	0.00E+00	0.00E+00	0.00E+00	4.05E-05	1.58E-02	6.36E+00	0.00E+00	6.92E-10	2.36E-08	3.71E-03	1.16E-05	8.42E-03	0.00E+00	6.36E+00	1.80E-08	6.36E+00	6.41E+00	8.42E-03	0.00E+00	0.00E+00	0.00E+00	1.72E-03
C-SBD135W	3.00E-02	4.73E+00	0.00E+00	4.73E+00	0.00E+00	0.00E+00	3.16E+00	1.81E-06	1.42E-02	1.51E-01	0.00E+00	0.00E+00	8.39E-11	1.59E-09	1.21E-02	0.00E+00	0.00E+00	0.00E+00	4.24E-04	1.68E-01	6.68E+01	0.00E+00	7.34E-09	2.38E-07	3.99E-02	1.18E-04	8.90E-02	0.00E+00	6.68E+01	1.89E-07	6.68E+01	6.94E+01	8.90E-02	0.00E+00	0.00E+00	0.00E+00	1.78E-02
C-SBD160	3.55E-03	5.57E-01	0.00E+00	5.57E-01	0.00E+00	0.00E+00	3.65E-01	2.11E-07	1.66E-03	1.84E-02	0.00E+00	0.00E+00	9.99E-12	1.91E-10	1.38E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-05	1.96E-02	7.78E+00	0.00E+00	8.58E-10	2.92E-08	4.61E-03	1.40E-05	1.04E-02	0.00E+00	7.78E+00	2.21E-08	7.78E+00	7.88E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00	2.15E-03
C-SBD160W	3.55E-03	5.57E-01	0.00E+00	5.57E-01	0.00E+00	0.00E+00	3.65E-01	2.11E-07	1.66E-03	1.84E-02	0.00E+00	0.00E+00	9.99E-12	1.91E-10	1.38E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-05	1.96E-02	7.78E+00	0.00E+00	8.58E-10	2.92E-08	4.61E-03	1.40E-05	1.04E-02	0.00E+00	7.78E+00	2.21E-08	7.78E+00	7.88E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00	2.15E-03
C-SBD60	1.26E-03	1.98E-01	0.00E+00	1.98E-01	0.00E+00	0.00E+00	1.29E-01	7.43E-08	5.86E-04	6.46E-03	0.00E+00	0.00E+00	3.49E-12	6.75E-11	4.82E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-05	6.96E-03	2.77E+00	0.00E+00	3.04E-10	1.02E-08	1.63E-03	4.95E-06	3.68E-03	0.00E+00	2.77E+00	7.80E-09	2.77E+00	2.77E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	7.52E-04
C-SBD60W	1.26E-03	1.98E-01	0.00E+00	1.98E-01	0.00E+00	0.00E+00	1.29E-01	7.43E-08	5.86E-04	6.46E-03	0.00E+00	0.00E+00	3.49E-12	6.75E-11	4.82E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-05	6.96E-03	2.77E+00	0.00E+00	3.04E-10	1.02E-08	1.63E-03	4.95E-06	3.68E-03	0.00E+00	2.77E+00	7.80E-09	2.77E+00	2.77E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	7.52E-04
C-SBD80	1.67E-03	2.64E-01	0.00E+00	2.64E-01	0.00E+00	0.00E+00	1.74E-01	9.94E-08	7.88E-04	8.63E-03	0.00E+00	0.00E+00	4.67E-12	9.02E-11	6.48E-04	0.00E+00	0.00E+00	0.00E+00	2.35E-05	9.30E-03	3.69E+00	0.00E+00	4.06E-10	1.37E-08	2.18E-03	6.62E-06	4.93E-03	0.00E+00	3.69E+00	1.05E-08	3.69E+00	3.70E+00	4.93E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-03
C-SBD80W	1.67E-03	2.64E-01	0.00E+00	2.64E-01	0.00E+00	0.00E+00	1.74E-01	9.94E-08	7.88E-04	8.63E-03	0.00E+00	0.00E+00	4.67E-12	9.02E-11	6.48E-04	0.00E+00	0.00E+00	0.00E+00	2.35E-05	9.30E-03	3.69E+00	0.00E+00	4.06E-10	1.37E-08	2.18E-03	6.62E-06	4.93E-03	0.00E+00	3.69E+00	1.05E-08	3.69E+00	3.70E+00	4.93E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-03
C-SBD85	1.74E-03	2.73E-01	0.00E+00	2.73E-01	0.00E+00	0.00E+00	1.80E-01	1.03E-07	8.15E-04	8.92E-03	0.00E+00	0.00E+00	4.83E-12	9.33E-11	6.70E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-05	9.65E-03	3.82E+00	0.00E+00	4.20E-10	1.42E-08	2.25E-03	6.85E-06	5.10E-03	0.00E+00	3.82E+00	1.08E-08	3.82E+00	3.83E+00	5.10E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03
C-SBD85W	1.74E-03	2.73E-01	0.00E+00	2.73E-01	0.00E+00	0.00E+00	1.80E-01	1.03E-07	8.15E-04	8.92E-03	0.00E+00	0.00E+00	4.83E-12	9.33E-11	6.70E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-05	9.65E-03	3.82E+00	0.00E+00	4.20E-10	1.42E-08	2.25E-03	6.85E-06	5.10E-03	0.00E+00	3.82E+00	1.08E-08	3.82E+00	3.83E+00	5.10E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03
C-SF	2.90E-04	4.66E-02	0.00E+00	4.66E-02	0.00E+00	0.00E+00	3.06E-02	1.76E-08	1.35E-04	1.49E-03	0.00E+00	0.00E+00	7.98E-13	1.55E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.05E-06	1.56E-03	6.55E-01	0.00E+00	7.01E-11	2.31E-09	3.76E-04	1.14E-06	8.50E-04	0.00E+00	6.55E-01	1.84E-09	6.55E-01	6.34E-01	8.50E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
C-SFG	1.26E-02	8.62E-01	0.00E+00	8.62E-01	0.00E+00	0.00E+00	1.38E+00	3.89E-07	3.76E-03	4.62E-02	0.00E+00	0.00E+00	1.59E-11	4.00E-10	3.94E-03	0.00E+00	0.00E+00	0.00E+00	8.86E-05	2.65E-02	1.62E+01	0.00E+00	1.73E-09	5.88E-08	9.72E-03	1.56E-05	2.88E-02	0.00E+00	1.62E+01	3.12E-08	1.62E+01	8.90E+00	2.88E-02	0.00E+00	0.00E+00	0.00E+00	4.28E-03
C-SFG40	1.23E-02	8.13E-01	0.00E+00	8.13E-01	0.00E+00	0.00E+00	1.35E+00	3.71E-07	3.62E-03	4.47E-02	0.00E+00	0.00E+00	1.51E-11	3.84E-10	3.83E-03	0.00E+00	0.00E+00	0.00E+00	8.44E-05	2.47E-02	1.55E+01	0.00E+00	1.66E-09	5.62E-08	9.34E-03	1.42E-05	2.79E-02	0.00E+00	1.55E+01	2.92E-08	1.55E+01	8.20E+00	2.79E-02	0.00E+00	0.00E+00	0.00E+00	4.10E-03
C-SFG40A	1.23E-02	8.13E-01	0.00E+00	8.13E-01	0.00E+00	0.00E+00	1.35E+00	3.71E-07	3.62E-03	4.47E-02	0.00E+00	0.00E+00	1.51E-11	3.84E-10	3.84E-03	0.00E+00	0.00E+00	0.00E+00	8.44E-05	2.48E-02	1.55E+01	0.00E+00	1.66E-09	5.62E-08	9.34E-03	1.42E-05	2.79E-02	0.00E+00	1.55E+01	2.93E-08	1.55E+01	8.21E+00	2.79E-02	0.00E+00	0.00E+00	0.00E+00	4.10E-03
C-SFGA	1.28E-02	8.85E-01	0.00E+00	8.85E-01	0.00E+00	0.00E+00	1.39E+00	3.99E-07	3.77E-03	4.63E-02	0.00E+00	0.00E+00	1.65E-11	4.01E-10	3.95E-03	0.00E+00	0.00E+00	0.00E+00	8.90E-05	2.67E-02	1.62E+01	0.00E+00	1.74E-09	5.88E-08	9.75E-03	1.56E-05	2.89E-02	0.00E+00	1.62E+01	3.13E-08	1.62E+01	8.95E+00	2.89E-02	0.00E+00	0.00E+00	0.00E+00	4.30E-03
C-SFGK	1.25E-03	1.98E-01	0.00E+00	1.98E-01	0.00E+00	0.00E+00	1.30E-01	7.42E-08	5.87E-04	6.44E-03	0.00E+00	0.00E+00	3.48E-12	6.73E-11	4.82E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-05	6.95E-03	2.76E+00	0.00E+00	3.03E-10	1.02E-08	1.63E-03	4.95E-06	3.68E-03	0.00E+00	2.76E+00	7.79E-09	2.76E+00	2.76E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	7.51E-04
C-SFGKA	1.24E-02	8.35E-01	0.00E+00	8.35E-01	0.00E+00	0.00E+00	1.37E+00	3.79E-07	3.68E-03	4.54E-02	0.00E+00	0.00E+00	1.55E-11	3.91E-10	3.86E-03	0.00E+00	0.00E+00	0.00E+00	8.63E-05	2.55E-02	1.58E+01	0.00E+00	1.69E-09	5.72E-08	9.51E-03	1.48E-05	2.83E-02	0.00E+00	1.58E+01	3.01E-08	1.58E+01	8.53E+00	2.83E-02	0.00E+00	0.00E+00	0.00E+00	4.18E-03
C-SO100271	1.41E-02	1.53E+00	0.00E+00	1.53E+00	0.00E+00	0.00E+00	1.39E+00	7.90E-07	6.55E-03	8.77E-02	0.00E+00	0.00E+00	3.93E-11	9.97E-10	7.27E-03	0.00E+00	0.00E+00	0.00E+00	1.98E-04	9.47E-02	2.99E+01	0.00E+00	3.60E-09	1.22E-07	1.93E-02	4.93E-05	4.33E-02	0.00E+00	2.99E+01	9.95E-08	2.99E+01	3.95E+01	4.33E-02	0.00E+00	0.00E+00	0.00E+00	9.80E-03
C-SO100351	1.44E-02	1.57E+00	0.00E+00	1.57E+00	0.00E+00	0.00E+00	1.42E+00	8.04E-07	6.66E-03	8.89E-02	0.00E+00	0.00E+00	4.06E-11	1.01E-09	7.36E-03	0.00E+00	0.00E+00	0.00E+00	2.01E-04	9.63E-02	3.04E+01	0.00E+00	3.66E-09	1.24E-07	1.96E-02	5.03E-05	4.40E-02	0.00E+00	3.04E+01	9.22E-08	3.04E+01	3.11E+01	4.40E-02	0.00E+00	0.00E+00	0.00E+00	9.95E-03
C-SO110271	1.46E-02	1.61E+00	0.00E+00	1.61E+00	0.00E+00	0.00E+00	1.44E+00	8.17E-07	6.77E-03	9.00E-02	0.00E+00	0.00E+00	4.08E-11	1.02E-09	7.42E-03	0.00E+00	0.00E+00	0.00E+00	2.04E-04	9.75E-02	3.08E+01	0.00E+00	3.71E-09	1.26E-07	1.99E-02	5.13E-05	4.47E-02	0.00E+00	3.08E+01	9.34E-08	3.08E+01	3.16E+01	4.47E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-02
C-SO110351	1.48E-02	1.65E+00	0.00E+00	1.65E+00	0.00E+00	0.00E+00	1.47E+00	8.33E-07	6.88E-03	9.12E-02	0.00E+00	0.00E+00	4.13E-11	1.03E-09	7.49E-03	0.00E+00	0.00E+00	0.00E+00	2.08E-04	9.87E-02	3.14E+01	0.00E+00	3.76E-09	1.27E-07	2.02E-02	5.24E-05	4.55E-02	0.00E+00	3.14E+01	9.52E-08	3.14E+01	3.22E+01	4.55E-02	0.00E+00	0.00E+00	0.00E+00	1.02E-02
C-SO120271	1.50E-02	1.68E+00	0.00E+00	1.68E+00	0.00E+00	0.00E+00	1.48E+00	8.43E-07	6.96E-03	9.19E-02	0.00E+00	0.00E+00	4.18E-11	1.04E-09	7.54E-03	0.00E+00	0.00E+00	0.00E+00	2.10E-04	9.94E-02	3.18E+01	0.00E+00	3.79E-09	1.28E-07	2.04E-02	5.30E-05	4.59E-02	0.00E+00	3.18E+01	9.60E-08	3.18E+01	3.25E+01	4.59E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-02
C-SO120351	1.54E-02	1.74E+00	0.00E+00	1.74E+00	0.00E+00	0.00E+00	1.53E+00	8.69E-07	7.14E-03	9.33E-02	0.00E+00	0.00E+00	4.28E-11	1.06E-09	7.72E-03	0.00E+00	0.00E+00	0.00E+00	2.15E-04	1.02E-01	3.26E+01	0.00E+00	3.89E-09	1.32E-07	2.09E-02	5.44E-05	4.69E-02	0.00E+00	3.26E+01	9.84E-08	3.26E+01	3.33E+01	4.69E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-02
C-SO135271	1.57E-02	1.81E+00	0.00E+00	1.81E+00	0.00E+00	0.00E+00	1.56E+00	8.88E-07	7.31E-03	9.57E-02	0.00E+00	0.00E+00	4.39E-11	1.08E-09	7.84E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04	1.03E-01	3.34E+01	0.00E+00	3.99E-09	1.34E-07	2.14E-02	5.61E-05	4.80E-02	0.00E+00	3.34E+01	1.01E-07	3.34E+01	3.42E+01	4.80E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-02
C-SO135351	1.60E-02	1.85E+00	0.00E+00	1.85E+00	0.00E+00	0.00E+00	1.59E+00	9.02E-07	7.42E-03	9.67E-02	0.00E+00

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M-AREG9018	2.21E-03	3.45E+00	0.00E+00	3.45E+00	0.00E+00	0.00E+00	2.13E+00	1.25E-06	9.92E-03	1.11E-01	0.00E+00	0.00E+00	5.95E-11	1.14E-09	8.35E-03	0.00E+00	0.00E+00	0.00E+00	3.03E-04	1.20E-01	4.74E+01	0.00E+00	5.24E-09	1.70E-07	2.83E-02	8.38E-05	6.38E-02	0.00E+00	4.74E+01	1.36E-07	4.74E+01	4.76E+01	6.38E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-02
M-AREG9020	2.22E-02	3.46E+00	0.00E+00	3.46E+00	0.00E+00	0.00E+00	2.14E+00	1.29E-06	9.96E-03	1.11E-01	0.00E+00	0.00E+00	5.99E-11	1.14E-09	8.39E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04	1.21E-01	4.76E+01	0.00E+00	5.27E-09	1.70E-07	2.84E-02	8.42E-05	6.40E-02	0.00E+00	4.76E+01	1.36E-07	4.76E+01	4.80E+01	6.40E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-02
M-AREG9022	2.31E-02	3.55E+00	0.00E+00	3.55E+00	0.00E+00	0.00E+00	2.23E+00	1.29E-06	1.03E-02	1.15E-01	0.00E+00	0.00E+00	6.15E-11	1.17E-09	8.70E-03	0.00E+00	0.00E+00	0.00E+00	3.13E-04	1.24E-01	4.92E+01	0.00E+00	5.40E-09	1.77E-07	2.91E-02	8.71E-05	6.59E-02	0.00E+00	4.92E+01	1.40E-07	4.92E+01	4.93E+01	6.59E-02	0.00E+00	0.00E+00	0.00E+00	1.36E-02
M-BB10030	3.18E-03	4.99E-01	0.00E+00	4.99E-01	0.00E+00	0.00E+00	3.31E-01	1.88E-07	1.50E-03	1.68E-02	0.00E+00	0.00E+00	8.94E-12	1.68E-10	1.26E-03	0.00E+00	0.00E+00	0.00E+00	4.43E-05	1.76E-02	7.17E+00	0.00E+00	7.82E-10	2.72E-08	4.21E-03	1.29E-05	9.61E-03	0.00E+00	7.17E+00	2.02E-08	7.17E+00	7.18E+00	9.61E-03	0.00E+00	0.00E+00	0.00E+00	1.93E-03
M-BB10040	3.97E-03	6.27E-01	0.00E+00	6.27E-01	0.00E+00	0.00E+00	4.13E-01	2.35E-07	1.88E-03	2.11E-02	0.00E+00	0.00E+00	1.12E-11	2.14E-10	1.53E-03	0.00E+00	0.00E+00	0.00E+00	5.52E-05	2.20E-02	8.89E+00	0.00E+00	9.73E-10	3.41E-08	5.22E-03	1.58E-05	1.20E-02	0.00E+00	8.89E+00	2.52E-08	8.89E+00	8.98E+00	1.20E-02	0.00E+00	0.00E+00	0.00E+00	2.40E-03
M-BB10050	6.19E-03	9.71E-01	0.00E+00	9.71E-01	0.00E+00	0.00E+00	6.38E-01	3.65E-07	2.90E-03	3.21E-02	0.00E+00	0.00E+00	1.73E-11	3.31E-10	2.37E-03	0.00E+00	0.00E+00	0.00E+00	8.56E-05	3.42E-02	1.37E+01	0.00E+00	1.51E-09	5.13E-08	8.06E-03	2.46E-05	1.83E-02	0.00E+00	1.37E+01	3.87E-08	1.37E+01	1.38E+01	1.83E-02	0.00E+00	0.00E+00	0.00E+00	3.70E-03
M-BB10060	6.63E-03	1.05E+00	0.00E+00	1.05E+00	0.00E+00	0.00E+00	6.84E-01	3.95E-07	3.12E-03	3.47E-02	0.00E+00	0.00E+00	1.87E-11	3.59E-10	2.56E-03	0.00E+00	0.00E+00	0.00E+00	9.29E-05	3.69E-02	1.49E+01	0.00E+00	1.63E-09	5.56E-08	8.73E-03	2.66E-05	1.98E-02	0.00E+00	1.49E+01	4.18E-08	1.49E+01	1.49E+01	1.98E-02	0.00E+00	0.00E+00	0.00E+00	3.98E-03
M-BB10080	9.22E-03	1.46E+00	0.00E+00	1.46E+00	0.00E+00	0.00E+00	9.55E-01	5.51E-07	4.36E-03	4.84E-02	0.00E+00	0.00E+00	2.59E-11	4.99E-10	3.55E-03	0.00E+00	0.00E+00	0.00E+00	1.30E-04	5.13E-02	2.05E+01	0.00E+00	2.25E-09	7.54E-08	1.24E-02	3.70E-05	2.74E-02	0.00E+00	2.05E+01	5.83E-08	2.05E+01	2.05E+01	2.74E-02	0.00E+00	0.00E+00	0.00E+00	5.53E-03
M-BB11030	3.90E-03	6.18E-01	0.00E+00	6.18E-01	0.00E+00	0.00E+00	4.06E-01	2.32E-07	1.85E-03	2.08E-02	0.00E+00	0.00E+00	1.11E-11	2.10E-10	1.50E-03	0.00E+00	0.00E+00	0.00E+00	5.42E-05	2.18E-02	8.73E+00	0.00E+00	9.55E-10	3.34E-08	5.43E-03	1.56E-05	1.18E-02	0.00E+00	8.73E+00	2.48E-08	8.73E+00	8.84E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	2.37E-03
M-BB11040	5.96E-03	8.70E-01	0.00E+00	8.70E-01	0.00E+00	0.00E+00	5.70E-01	3.28E-07	2.60E-03	2.89E-02	0.00E+00	0.00E+00	1.55E-11	2.96E-10	2.12E-03	0.00E+00	0.00E+00	0.00E+00	7.70E-05	3.06E-02	1.23E+01	0.00E+00	1.36E-09	4.58E-08	7.51E-03	2.20E-05	1.65E-02	0.00E+00	1.23E+01	3.47E-08	1.23E+01	1.23E+01	1.65E-02	0.00E+00	0.00E+00	0.00E+00	3.31E-03
M-BB11050	7.52E-03	1.19E+00	0.00E+00	1.19E+00	0.00E+00	0.00E+00	7.75E-01	4.46E-07	3.52E-03	3.93E-02	0.00E+00	0.00E+00	2.11E-11	4.04E-10	2.89E-03	0.00E+00	0.00E+00	0.00E+00	1.05E-04	4.16E-02	1.67E+01	0.00E+00	1.84E-09	6.20E-08	1.01E-02	2.99E-05	2.23E-02	0.00E+00	1.67E+01	4.72E-08	1.67E+01	1.68E+01	2.23E-02	0.00E+00	0.00E+00	0.00E+00	4.49E-03
M-BB11060	9.22E-03	1.46E+00	0.00E+00	1.46E+00	0.00E+00	0.00E+00	9.55E-01	5.49E-07	4.35E-03	4.81E-02	0.00E+00	0.00E+00	2.58E-11	4.97E-10	3.54E-03	0.00E+00	0.00E+00	0.00E+00	1.29E-04	5.11E-02	2.05E+01	0.00E+00	2.24E-09	7.54E-08	1.23E-02	3.69E-05	2.73E-02	0.00E+00	2.05E+01	5.81E-08	2.05E+01	2.05E+01	2.73E-02	0.00E+00	0.00E+00	0.00E+00	5.52E-03
M-BB11080	1.11E-02	1.82E+00	0.00E+00	1.82E+00	0.00E+00	0.00E+00	1.12E+00	7.52E-07	5.30E-03	5.76E-02	0.00E+00	0.00E+00	3.08E-11	6.11E-10	4.72E-03	0.00E+00	0.00E+00	0.00E+00	1.47E-04	6.77E-02	2.61E+01	0.00E+00	2.77E-09	1.02E-07	1.49E-02	4.45E-05	3.35E-02	0.00E+00	2.61E+01	7.44E-08	2.61E+01	2.54E+01	3.35E-02	0.00E+00	0.00E+00	0.00E+00	5.84E-03
M-BB12030	3.97E-03	6.27E-01	0.00E+00	6.27E-01	0.00E+00	0.00E+00	4.14E-01	2.36E-07	1.88E-03	2.12E-02	0.00E+00	0.00E+00	1.12E-11	2.15E-10	1.53E-03	0.00E+00	0.00E+00	0.00E+00	5.52E-05	2.21E-02	8.92E+00	0.00E+00	9.75E-10	3.42E-08	5.51E-03	1.59E-05	1.21E-02	0.00E+00	8.92E+00	2.52E-08	8.92E+00	9.02E+00	1.21E-02	0.00E+00	0.00E+00	0.00E+00	2.41E-03
M-BB12040	6.15E-03	9.62E-01	0.00E+00	9.62E-01	0.00E+00	0.00E+00	6.33E-01	3.62E-07	2.87E-03	3.19E-02	0.00E+00	0.00E+00	1.71E-11	3.28E-10	2.35E-03	0.00E+00	0.00E+00	0.00E+00	8.52E-05	3.39E-02	1.36E+01	0.00E+00	1.50E-09	5.06E-08	8.27E-03	2.44E-05	1.82E-02	0.00E+00	1.36E+01	3.83E-08	1.36E+01	1.36E+01	1.82E-02	0.00E+00	0.00E+00	0.00E+00	3.66E-03
M-BB12050	8.20E-03	1.28E+00	0.00E+00	1.28E+00	0.00E+00	0.00E+00	8.46E-01	4.84E-07	3.83E-03	4.24E-02	0.00E+00	0.00E+00	2.28E-11	4.38E-10	3.13E-03	0.00E+00	0.00E+00	0.00E+00	1.14E-04	4.53E-02	1.81E+01	0.00E+00	1.99E-09	6.71E-08	1.09E-02	3.24E-05	2.42E-02	0.00E+00	1.81E+01	5.10E-08	1.81E+01	1.81E+01	2.42E-02	0.00E+00	0.00E+00	0.00E+00	4.91E-03
M-BB12060	1.00E-02	1.57E+00	0.00E+00	1.57E+00	0.00E+00	0.00E+00	1.03E+00	5.90E-07	4.66E-03	5.16E-02	0.00E+00	0.00E+00	2.77E-11	5.34E-10	3.82E-03	0.00E+00	0.00E+00	0.00E+00	1.39E-04	5.56E-02	2.21E+01	0.00E+00	2.42E-09	8.13E-08	1.33E-02	3.97E-05	2.94E-02	0.00E+00	2.21E+01	6.25E-08	2.21E+01	2.20E+01	2.94E-02	0.00E+00	0.00E+00	0.00E+00	5.99E-03
M-BB12080	1.46E-02	2.26E+00	0.00E+00	2.26E+00	0.00E+00	0.00E+00	1.41E+00	9.17E-07	6.66E-03	7.19E-02	0.00E+00	0.00E+00	3.93E-11	7.65E-10	5.78E-03	0.00E+00	0.00E+00	0.00E+00	1.89E-04	8.41E-02	3.25E+01	0.00E+00	3.51E-09	1.26E-07	1.86E-02	5.58E-05	4.21E-02	0.00E+00	3.25E+01	9.12E-08	3.25E+01	3.21E+01	4.21E-02	0.00E+00	0.00E+00	0.00E+00	7.85E-03
M-BB13030	3.99E-03	6.31E-01	0.00E+00	6.31E-01	0.00E+00	0.00E+00	4.17E-01	2.38E-07	1.90E-03	2.13E-02	0.00E+00	0.00E+00	1.13E-11	2.16E-10	1.54E-03	0.00E+00	0.00E+00	0.00E+00	5.55E-05	2.23E-02	8.97E+00	0.00E+00	9.82E-10	3.44E-08	5.55E-03	1.60E-05	1.21E-02	0.00E+00	8.97E+00	2.54E-08	8.97E+00	9.09E+00	1.21E-02	0.00E+00	0.00E+00	0.00E+00	2.42E-03
M-BB13040	6.56E-03	1.02E+00	0.00E+00	1.02E+00	0.00E+00	0.00E+00	6.67E-01	3.86E-07	3.06E-03	3.38E-02	0.00E+00	0.00E+00	1.82E-11	3.48E-10	2.49E-03	0.00E+00	0.00E+00	0.00E+00	9.05E-05	3.57E-02	1.45E+01	0.00E+00	1.59E-09	5.38E-08	8.75E-03	2.59E-05	1.94E-02	0.00E+00	1.45E+01	4.07E-08	1.45E+01	1.45E+01	1.94E-02	0.00E+00	0.00E+00	0.00E+00	3.86E-03
M-BB13050	8.62E-03	1.36E+00	0.00E+00	1.36E+00	0.00E+00	0.00E+00	8.90E-01	5.12E-07	4.04E-03	4.48E-02	0.00E+00	0.00E+00	2.41E-11	4.64E-10	3.29E-03	0.00E+00	0.00E+00	0.00E+00	1.20E-04	4.76E-02	1.91E+01	0.00E+00	2.09E-09	7.04E-08	1.15E-02	3.43E-05	2.55E-02	0.00E+00	1.91E+01	5.39E-08	1.91E+01	1.92E+01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	5.17E-03
M-BB13060	1.01E-02	1.58E+00	0.00E+00	1.58E+00	0.00E+00	0.00E+00	1.04E+00	5.96E-07	4.70E-03	5.20E-02	0.00E+00	0.00E+00	2.80E-11	5.39E-10	3.86E-03	0.00E+00	0.00E+00	0.00E+00	1.40E-04	5.59E-02	2.23E+01	0.00E+00	2.44E-09	8.22E-08	1.34E-02	4.01E-05	2.97E-02	0.00E+00	2.23E+01	6.29E-08	2.23E+01	2.22E+01	2.97E-02	0.00E+00	0.00E+00	0.00E+00	6.04E-03
M-BB13080	1.51E-02	2.38E+00	0.00E+00	2.38E+00	0.00E+00	0.00E+00	1.50E+00	9.59E-07	7.03E-03	7.54E-02	0.00E+00	0.00E+00	4.20E-11	8.03E-10	6.06E-03	0.00E+00	0.00E+00	0.00E+00	2.01E-04	8.80E-02	3.45E+01	0.00E+00	3.71E-09	1.32E-07	1.96E-02	5.92E-05	4.46E-02	0.00E+00	3.45E+01	9.61E-08	3.45E+01	3.42E+01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	8.13E-03
M-BB13530	3.35E-04	5.38E-02	0.00E+00	5.38E-02	0.00E+00	0.00E+00	3.46E-02	2.04E-08	1.60E-04	2.46E-03	0.00E+00	0.00E+00	1.20E-12	1.83E-11	1.28E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-06	1.80E-03	9.68E-01	0.00E+00	1.05E-10	4.19E-09	8.31E-04	1.76E-06	1.31E-03	0.00E+00	9.68E-01	2.73E-09	9.68E-01	9.77E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.01E-04
M-BB13540	3.35E-04	5.38E-02	0.00E+00	5.38E-02	0.00E+00	0.00E+00	3.46E-02	2.04E-08	1.60E-04	2.46E-03	0.00E+00	0.00E+00	1.20E-12	1.83E-11	1.28E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-06	1.80E-03	9.68E-01	0.00E+00	1.05E-10	4.19E-09	8.31E-04	1.76E-06	1.31E-03	0.00E+00	9.68E-01	2.73E-09	9.68E-01	9.77E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.01E-04
M-BB13550	3.35E-04	5.38E-02	0.00E+00	5.38E-02	0.00E+00	0.00E+00	3.46E-02	2.04E-08	1.60E-04	2.46E-03	0.00E+00	0.00E+00	1.20E-12	1.83E-11	1.28E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-06	1.80E-03	9.68E-01	0.00E+00	1.05E-10	4.19E-09	8.31E-04	1.76E-06	1.31E-03	0.00E+00	9.68E-01	2.73E-09	9.68E-01	9.77E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.01E-04
M-BB13560	3.35E-04	5.38E-02	0.00E+00	5.38E-02	0.00E+00	0.00E+00	3.46E-02	2.04E-08	1.60E-04	2.46E-03	0.00E+00	0.00E+00	1.20E-12	1.83E-11	1.28E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-06	1.80E-03	9.68E-01	0.00E+00	1.05E-10	4.19E-09	8.31E-04	1.76E-06	1.31E-03	0.00E+00	9.68E-01	2.73E-09	9.68E-01	9.77E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.01E-04
M-BB13580	2.45E-03	4.55E-01	0.00E+00	4.55E-01	0.00E+00	0.00E+00	2.13E-01	2.52E-07	1.23E-03	1.30E-02	0.00E+00	0.00E+00	6.74E-12	1.47E-10	1.47E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-05	2.08E-02	7.46E+00	0.00E+00	6.95E-10	3.39E-08	3.72E-03	1.03E-05	8.07E-03	0.00E+00	7.46E+00	2.08E-08	7.46E+00	6.63E+00	8.07E-03	0.00E+00	0.00E+00	0.00E+00	5.65E-04
M-BB14030	6.55E-03	1.11E+00	0.00E+00	1.11E+00	0.00E+00	0.00E+00	6.42E-01	4.92E-07	3.19E-03	3.45E-02	0.00E+00	0.00E+00	1.63E-11	3.72E-10	3.02E-03	0.00E+00	0.00E+00	0.00E+00	8.30E-05	4.32E-02	1.64E+01	0.00E+00	1.68E-09	6.66E-08	9.11E-03	2.66E-05	2.04E-02	0.00E+00	1.64E+01	4.65E-08	1.64E+01	1.58E+01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	3.10E-03
M-BB14040	8.94E-03	1.47E+00	0.00E+00	1.47E+00	0.00E+00	0.00E+00	8.90E-01	6.28E-07	4.27E-03	4.62E-02	0.00E+00	0.00E+00	2.47E-11	4.93E-10	3.91E-03	0.00E+00	0.00E+00	0.00E+00	1.15E-04	5.61E-02	2.14E+01	0.00E+00	2.25E-09	8.49E-08	1.21E-02	3.58E-05	2.71E-02	0.00E+00	2.14E+01	6.06E-08	2.14E+01	2.07E+01	2.71E-02	0.00E+00	0.00E+00	0.00E+00	4.52E-03
M-BB14050	1.10E-02	1.80E+00	0.00E+00	1.80E+00	0.00E+00	0.00E+00	1.11E+00	7.45E-07	5.23E-03	5.66E-02	0.00E+00	0.00E+00	3.04E-11	6.03E-10	4.67E-03	0.00E+00	0.00E+00	0.00E+00	1.45E-04	6.70E-02	2.59E+01	0.00E+00	2.73E-09	1.01E-07	1.47E-02	4.40E-05	3.30E-02	0.00E+00	2.59E+01	7.33E-08	2.59E+01	2.51E+01	3.30E-02	0.00E+00	0.00E+00	0.00E+00	5.78E-03
M-BB14060	1.26E-02	2.05E+00	0.00E+00	2.05E+00	0.00E+00	0.00E+00	1.28E+00	8.37E-07	5.98E-03	6.49E-02	0.00E+00	0.00E+00	3.51E-11	6.92E-10	5.31E-03	0.00E+00	0.00E+00	0.00E+00	1.68E-04	7.73E-02	2.95E+01	0.00E+00	3.13E-09	1.15E-07	1.69E-02	5.03E-05	3.81E-02	0.00E+00	2.95E+01	8.32E-08	2.95E+01	2.89E+01	3.81E-02	0.00E+00	0.00E+00	0.00E+00	6.94E-03
M-BB14080	1.66E-02	2.59E+00	0.00E+00	2.59E+00	0.00E+00	0.00E+00	1.65E+00	1.03E-06	7.62E-03	8.34E-02	0.00E+00	0.00E+00	4.47E-11	8.50E-10	6.76E-03	0.00E+00	0.00E+00	0.00E+00	2.15E-04	9.87E-02	3.74E+01	0.00E+00	4.00E-09	1.45E-07	2.14E-02	6.36E-05	4.86E-02	0.00E+00	3.74E+01	1.02E-07	3.74E+01	3.67E+01	4.86E-02	0.00E+00	0.00E+00	0.00E+00	9.85E-03
M-BB15030	7.29E-03	1.21E+00	0.00E+00	1.21E+00	0.00E+00	0.00E+00	7.19E-01	5.29E-07	3.46E-03	3.75E-02	0.00E+00	0.00E+00	2.01E-11	4.05E-10	3.29E-03	0.00E+00	0.00E+00	0.00E+00	9.20E-05	4.72E-02	1.78E+01	0.00E+00	1.85E-09	7.26E-08	9.96E-03	2.92E-05	2.23E-02	0.00E+00	1.78E+01	5.04E-08	1.78E+01	1.71E+01	2.23E-02	0.00E+00	0.00E+00	0.00E+00	3.53E-03
M-BB15040	9.26E-03	1.52E+00	0.00E+00	1.52E+00	0.00E+00	0.00E+00	9.22E-01	6.44E-07	4.41E-03	4.78E-02	0.00E+00	0.00E+00	2.56E-11	5.10E-10	4.03E-03	0.00E+00	0.00E+00	0.00E+00	1.20E-04	5.77E-02	2.21E+01	0.00E+00	2.32E-09	8.73E-08	1.25E-02	3.69E-05	2.81E-02	0.00E+00	2.21E+01	6.25E-08	2.21E+01	2.14E+01	2.81E-02	0.00E+00	0.00E+00	0.00E+00	4.70E-03
M-BB15050	1.15E-02	1.87E+00	0.00E+00	1.87E+00	0.00E+00	0.00E+00	1.16E+00	7.72E-07	5.45E-03	5.94E-02	0.00E+00	0.00E+00	3.19E-11	6.30E-10	4.87E-03	0.00E+00	0.00E+00	0.00E+00	1.52E-04	7.03E-02	2.68E+01	0.00E+00	2.85E-09	1.05E-07	1.54E-02	4.61E-05	3.46E-02	0.00E+00	2.68E+01	7.67E-08	2.68E+01	2.61E+01	3.46E-02	0.00E+00	0.00E+00	0.00E+00	6.13E-03
M-BB15060	1.39E-02	2.25E+00	0.00E+00	2.25E+00	0.00E+00	0.00E+00	1.40E+00	9.09E-07	6.58E-03	7.14E-02	0.00E+00	0.00E+00	3.91E-11	7.80E-10	5.73E-03	0.00E+00	0.00E+00	0.00E+00	1.87E-04	8.37E-02	3.21E+01	0.00E+00	3.49E-09	1.24E-07	1.85E-02	5.54E-05	4.17E-02	0.00E+00	3.21E+01	9.04E-08	3.21E+01	3.18E+01	4.17E-02	0.00E+00	0.00E+00	0.00E+00	7.81E-03
M-BB15080	1.73E-02	2.77E+00	0.00E+00	2.77E+00	0.00E+00	0.00E+00	1.73E+00	1.09E-06	8.14E-03	8.92E-02	0.00E+00	0.00E+00	4.72E-11	9.04E-10	7.06E-03	0.00E+00	0.00E+00	0.00E+00	2.26E-04	1.03E-01	4.01E+01	0.00E+00	4.21E-09	1.52E-07	2.30E-02	6.73E-05	5.16E-02	0.00E+00	4.01E+01	1.08E-07	4.01E+01	3.89E+01	5.16E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-02
M-BB16030	7.44E-03	1.23E+00	0.00E+00	1.23E+00	0.00E+00	0.00E+00	7.34E-01	5.38E-07	3.57E-03	3.84E-02	0.00E+00	0.00E+00	2.06E-11	4.14E-10	3.35E-03	0.00E+00	0.00E+00	0.00E+00	9.42E-05	4.80E-02	1.82E+01	0.00E+00	1.89E-09	7.31E-08	1.02E-02	2.98E-05	2.27E-02	0.00E+00	1.82E+01	5.13E-08	1.82E+01	1.74E+01	2.27E-02	0.00E+00	0.00E+00	0.00E+00	3.62E-03
M-BB16040	9.68E-03	1.59E+00	0.00E+00	1.59E+00	0.00E+00	0.00E+00	9.71E-01	6.69E-07	4.62E-03	4.99E-02	0.00E+00	0.00E+00	2.68E-11	5.32E-10	4.21E-03	0.00E+00	0.00E+00	0.00E+00	1.26E-04	6.00E-02	2.31E+01	0.00E+00	2.42E-09	9.06E-08	1.30E-02	3.86E-05	2.93E-02	0.00E+00	2.31E+01	6.52E-08	2.31E+01	2.23E+01	2.93E-02	0.00E+00	0.00E+00	0.00E+00	4.99E-03
M-BB16050	1.19E-02	1.93E+00	0.00E+00	1.93E+00	0.00E+00	0.00E+00	1.19E+00	7.92E-07	5.62E-03	6.10E-02	0.00E+00	0.00E+00	3.27E-11	6.48E-10	5.00E-03	0.00E+00	0.00E+00	0.00E+00	1.57E-04	7.21E-02	2.77E+01	0.00E+00	2.94E-09	1.08E-07	1.58E-02	4.73E-05	3.56E-02	0.00E+00	2.77E+01	7.87E-08	2.77E+01	2.69E+01	3.56E-02	0.00E+00	0.00E+00	0.00E+00	6.33E-03
M-BB16060	1.39E-02	2.25E+00	0.00E+00	2.25E+00	0.00E+00	0.00E+00	1.40E+00	9.11E-07	6.60E-03	7.15E-02	0.00E+00	0.00E+00	3.91E-11	7.60E-10	5.74E-03	0.00E+00	0.00E+00	0.00E+00	1.87E-04	8.38E-02	3.23E+01	0.00E+00	3.49E-09	1.24E-07	1.85E-02	5.55E-05	4.18E-02	0.00E+00	3.23E+01	9.06E-08	3.23E+01	3.19E+01	4.18E-02	0.00E+00	0.00E+00	0.00E+00	7.81E-03
M-BB16080	1.83E-02	2.88E+00	0.00E+00	2.88E+00	0.00E+00	0.00E+00	1.81E+00	1.13E-06	8.53E-03	9.28E-02	0.00E+00	0.00E+00	4.89E-11	9.42E-10	7.32E-03	0.00E+00	0.00E+00	0.00E+00	2.38E-04	1.08E-01	4.15E+01	0.00E+00	4.36E-09	1.58E-07	2.43E-02	7.01E-05	5.49E-02	0.00E+00	4.15E+01	1.14E-07	4.15E+01	4.09E+01	5.49E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-02
M-BB30100	3.98E-03	6.27E-01	0.00E+00	6.27E-01	0.00E+00	0.00E+00	4.14E-01	2.36E-07	1.88E-03	2.12E-02	0.00E+00	0.00E+00	1.12E-11	2.15E-10	1.53E-03	0.00E+00	0.00E+00	0.00E+00	5.52E-05	2.21E-02	8.92E+00	0.00E+00	9.75E-10	3.42E-08	5.51E-03	1.59E-05	1.20E-02	0.00E+00	8.92E+00	2.52E-08	8.92E+00	9.02E+00	1.20E-02	0.00E+00	0.00E+00	0.00E+00	2.41E-03
M-BB3030	9.09E-04	1.45E-01	0.00E+00	1.45E-01	0.00E+00	0.00E+00	9.43E-02	5.45E-08	4.31E-04	5.39E-03	0.00E+00	0.00E+00	2.80E-12	4.93E-11	3.50E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-05	5.03E-03	2.22E+00	0.00E+00	2.44E-10	8.92E-09	1.31E-03	3.98E-06	3.00E-03	0.00E+00	2.22E+00	6.28E-09	2.22E+00	2.25E+00	3.00E-03	0.00E+00	0.00E+00	0.00E+00	5.45E-04
M-BB3040	1.43E-03	2.25E-01	0.00E+00	2.25E-01	0.00E+00	0.00E+00	1.48E-01	8.44E-08	6.70E-04	7.96E-03	0.00E+00	0.00E+00	4.19E-12	7.64E-11	5.51E-04	0.00E+00	0.00E+00	0.00E+00	1.99E-05	7.94E-03	3.34E+00	0.00E+00	3.66E-10	1.31E-08	1.96E-03	5.97E-06	4.49E-03	0.00E+00	3.34E+00	9.42E-09	3.34E+00	3.36E+00	4.49E-03	0.00E+00	0.00E+00	0.00E+00	8.59E-04
M-BB3050	2.79E-03	4.40E-01	0.00E+00	4.40E-01	0.00E+00	0.00E+00	2.94E-01	1.67E-07	1.32E-03

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M-DBL10030	2.79E-03	4.39E-01	0.00E+00	4.39E-01	0.00E+00	0.00E+00	2.91E-01	1.67E-07	1.31E-03	1.43E-02	0.00E+00	0.00E+00	7.76E-12	1.50E-10	1.08E-03	0.00E+00	0.00E+00	0.00E+00	3.99E-05	1.55E-02	6.18E+00	0.00E+00	6.76E-10	2.29E-08	3.63E-03	1.10E-05	8.24E-03	0.00E+00	6.18E+00	1.73E-08	6.18E+00	6.17E+00	8.24E-03	0.00E+00	0.00E+00	0.00E+00	1.68E-03
M-DBL10040	3.68E-03	5.82E-01	0.00E+00	5.82E-01	0.00E+00	0.00E+00	3.80E-01	2.19E-07	1.74E-03	1.90E-02	0.00E+00	0.00E+00	1.03E-11	1.97E-10	1.41E-03	0.00E+00	0.00E+00	0.00E+00	5.18E-05	2.04E-02	8.11E+00	0.00E+00	8.95E-10	3.00E-08	4.79E-03	1.46E-05	1.09E-02	0.00E+00	8.11E+00	2.29E-08	8.11E+00	8.19E+00	1.09E-02	0.00E+00	0.00E+00	0.00E+00	2.21E-03
M-DBL10050	4.71E-03	7.50E-01	0.00E+00	7.50E-01	0.00E+00	0.00E+00	4.85E-01	2.82E-07	2.24E-03	2.44E-02	0.00E+00	0.00E+00	1.32E-11	2.56E-10	1.77E-03	0.00E+00	0.00E+00	0.00E+00	6.63E-05	2.59E-02	1.05E+01	0.00E+00	1.14E-09	3.87E-08	6.15E-03	1.87E-05	1.41E-02	0.00E+00	1.05E+01	2.96E-08	1.05E+01	1.05E+01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	2.80E-03
M-DBL10060	6.09E-03	9.64E-01	0.00E+00	9.64E-01	0.00E+00	0.00E+00	6.34E-01	3.63E-07	2.88E-03	3.15E-02	0.00E+00	0.00E+00	1.70E-11	3.29E-10	2.36E-03	0.00E+00	0.00E+00	0.00E+00	8.53E-05	3.40E-02	1.35E+01	0.00E+00	1.48E-09	4.98E-08	7.93E-03	2.42E-05	1.80E-02	0.00E+00	1.35E+01	3.80E-08	1.35E+01	1.35E+01	1.80E-02	0.00E+00	0.00E+00	0.00E+00	3.67E-03
M-DBL10080	8.25E-03	1.30E+00	0.00E+00	1.30E+00	0.00E+00	0.00E+00	8.51E-01	4.87E-07	3.86E-03	4.24E-02	0.00E+00	0.00E+00	2.29E-11	4.41E-10	3.15E-03	0.00E+00	0.00E+00	0.00E+00	1.15E-04	4.58E-02	1.81E+01	0.00E+00	1.99E-09	6.65E-08	1.07E-02	3.26E-05	2.42E-02	0.00E+00	1.81E+01	5.10E-08	1.81E+01	1.82E+01	2.42E-02	0.00E+00	0.00E+00	0.00E+00	4.95E-03
M-DBL11030	3.03E-03	4.76E-01	0.00E+00	4.76E-01	0.00E+00	0.00E+00	3.15E-01	1.79E-07	1.42E-03	1.56E-02	0.00E+00	0.00E+00	8.39E-12	1.63E-10	1.17E-03	0.00E+00	0.00E+00	0.00E+00	4.22E-05	1.68E-02	6.66E+00	0.00E+00	7.30E-10	2.46E-08	3.92E-03	1.19E-05	8.90E-03	0.00E+00	6.66E+00	1.88E-08	6.66E+00	6.66E+00	8.90E-03	0.00E+00	0.00E+00	0.00E+00	1.81E-03
M-DBL11040	3.67E-03	6.06E-01	0.00E+00	6.06E-01	0.00E+00	0.00E+00	3.98E-01	2.29E-07	1.82E-03	1.99E-02	0.00E+00	0.00E+00	1.07E-11	2.09E-10	1.46E-03	0.00E+00	0.00E+00	0.00E+00	5.34E-05	2.13E-02	8.50E+00	0.00E+00	9.29E-10	3.19E-08	4.98E-03	1.51E-05	1.15E-02	0.00E+00	8.50E+00	2.39E-08	8.50E+00	8.54E+00	1.15E-02	0.00E+00	0.00E+00	0.00E+00	2.31E-03
M-DBL11050	5.42E-03	8.59E-01	0.00E+00	8.59E-01	0.00E+00	0.00E+00	5.63E-01	3.23E-07	2.55E-03	2.79E-02	0.00E+00	0.00E+00	1.50E-11	2.92E-10	2.10E-03	0.00E+00	0.00E+00	0.00E+00	7.56E-05	3.02E-02	1.20E+01	0.00E+00	1.32E-09	4.43E-08	7.05E-03	2.15E-05	1.60E-02	0.00E+00	1.20E+01	3.38E-08	1.20E+01	1.19E+01	1.60E-02	0.00E+00	0.00E+00	0.00E+00	3.26E-03
M-DBL11060	6.50E-03	1.03E+00	0.00E+00	1.03E+00	0.00E+00	0.00E+00	6.69E-01	3.87E-07	3.07E-03	3.35E-02	0.00E+00	0.00E+00	1.81E-11	3.50E-10	2.49E-03	0.00E+00	0.00E+00	0.00E+00	9.09E-05	3.59E-02	1.44E+01	0.00E+00	1.57E-09	5.28E-08	8.45E-03	2.57E-05	1.92E-02	0.00E+00	1.44E+01	4.05E-08	1.44E+01	1.44E+01	1.92E-02	0.00E+00	0.00E+00	0.00E+00	3.87E-03
M-DBL11080	9.00E-03	1.43E+00	0.00E+00	1.43E+00	0.00E+00	0.00E+00	9.40E-01	5.35E-07	4.24E-03	4.62E-02	0.00E+00	0.00E+00	2.51E-11	4.82E-10	3.48E-03	0.00E+00	0.00E+00	0.00E+00	1.26E-04	5.02E-02	1.99E+01	0.00E+00	2.18E-09	7.28E-08	1.17E-02	3.56E-05	2.64E-02	0.00E+00	1.99E+01	5.62E-08	1.99E+01	1.98E+01	2.64E-02	0.00E+00	0.00E+00	0.00E+00	5.44E-03
M-DBL12030	3.21E-03	5.08E-01	0.00E+00	5.08E-01	0.00E+00	0.00E+00	3.33E-01	1.90E-07	1.51E-03	1.65E-02	0.00E+00	0.00E+00	8.95E-12	1.73E-10	1.24E-03	0.00E+00	0.00E+00	0.00E+00	4.49E-05	1.78E-02	7.08E+00	0.00E+00	7.78E-10	2.62E-08	4.17E-03	1.27E-05	9.45E-03	0.00E+00	7.08E+00	2.00E-08	7.08E+00	7.10E+00	9.45E-03	0.00E+00	0.00E+00	0.00E+00	1.93E-03
M-DBL12040	3.68E-03	6.09E-01	0.00E+00	6.09E-01	0.00E+00	0.00E+00	4.01E-01	2.30E-07	1.83E-03	2.00E-02	0.00E+00	0.00E+00	1.08E-11	2.09E-10	1.47E-03	0.00E+00	0.00E+00	0.00E+00	5.37E-05	2.16E-02	8.53E+00	0.00E+00	9.35E-10	3.20E-08	5.01E-03	1.52E-05	1.16E-02	0.00E+00	8.53E+00	2.41E-08	8.53E+00	8.63E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	2.33E-03
M-DBL12050	6.09E-03	9.24E-01	0.00E+00	9.24E-01	0.00E+00	0.00E+00	6.16E-01	3.48E-07	2.75E-03	3.01E-02	0.00E+00	0.00E+00	1.62E-11	3.14E-10	2.29E-03	0.00E+00	0.00E+00	0.00E+00	8.17E-05	3.29E-02	1.29E+01	0.00E+00	1.42E-09	4.84E-08	7.60E-03	2.32E-05	1.72E-02	0.00E+00	1.29E+01	3.64E-08	1.29E+01	1.29E+01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	3.95E-03
M-DBL12060	7.25E-03	1.14E+00	0.00E+00	1.14E+00	0.00E+00	0.00E+00	7.46E-01	4.25E-07	3.40E-03	3.73E-02	0.00E+00	0.00E+00	2.00E-11	3.89E-10	2.77E-03	0.00E+00	0.00E+00	0.00E+00	1.01E-04	4.00E-02	1.60E+01	0.00E+00	1.73E-09	5.88E-08	9.39E-03	2.85E-05	2.14E-02	0.00E+00	1.60E+01	4.49E-08	1.60E+01	1.60E+01	2.14E-02	0.00E+00	0.00E+00	0.00E+00	4.32E-03
M-DBL12080	1.01E-02	1.58E+00	0.00E+00	1.58E+00	0.00E+00	0.00E+00	1.03E+00	5.91E-07	4.70E-03	5.17E-02	0.00E+00	0.00E+00	2.77E-11	5.36E-10	3.85E-03	0.00E+00	0.00E+00	0.00E+00	1.41E-04	5.59E-02	2.19E+01	0.00E+00	2.43E-09	8.05E-08	1.30E-02	3.95E-05	2.93E-02	0.00E+00	2.19E+01	6.26E-08	2.19E+01	2.20E+01	2.93E-02	0.00E+00	0.00E+00	0.00E+00	6.02E-03
M-DBL13030	3.50E-03	5.54E-01	0.00E+00	5.54E-01	0.00E+00	0.00E+00	3.62E-01	2.08E-07	1.64E-03	1.81E-02	0.00E+00	0.00E+00	9.74E-12	1.88E-10	1.35E-03	0.00E+00	0.00E+00	0.00E+00	4.90E-05	1.95E-02	7.71E+00	0.00E+00	8.50E-10	2.86E-08	4.56E-03	1.38E-05	1.03E-02	0.00E+00	7.71E+00	2.18E-08	7.71E+00	7.74E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	2.12E-03
M-DBL13040	4.80E-03	7.59E-01	0.00E+00	7.59E-01	0.00E+00	0.00E+00	4.96E-01	2.86E-07	2.27E-03	2.48E-02	0.00E+00	0.00E+00	1.34E-11	2.62E-10	1.81E-03	0.00E+00	0.00E+00	0.00E+00	6.72E-05	2.66E-02	1.07E+01	0.00E+00	1.16E-09	3.96E-08	6.23E-03	1.90E-05	1.43E-02	0.00E+00	1.07E+01	3.00E-08	1.07E+01	1.07E+01	1.43E-02	0.00E+00	0.00E+00	0.00E+00	2.87E-03
M-DBL13050	6.48E-03	1.01E+00	0.00E+00	1.01E+00	0.00E+00	0.00E+00	6.65E-01	3.83E-07	3.04E-03	3.31E-02	0.00E+00	0.00E+00	1.79E-11	3.45E-10	2.48E-03	0.00E+00	0.00E+00	0.00E+00	8.98E-05	3.56E-02	1.42E+01	0.00E+00	1.55E-09	5.25E-08	8.34E-03	2.54E-05	1.90E-02	0.00E+00	1.42E+01	4.00E-08	1.42E+01	1.42E+01	1.90E-02	0.00E+00	0.00E+00	0.00E+00	3.85E-03
M-DBL13060	7.80E-03	1.23E+00	0.00E+00	1.23E+00	0.00E+00	0.00E+00	8.13E-01	4.63E-07	3.67E-03	4.03E-02	0.00E+00	0.00E+00	2.17E-11	4.20E-10	3.02E-03	0.00E+00	0.00E+00	0.00E+00	1.09E-04	4.34E-02	1.73E+01	0.00E+00	1.90E-09	6.38E-08	1.02E-02	3.09E-05	2.30E-02	0.00E+00	1.73E+01	4.87E-08	1.73E+01	1.73E+01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	4.70E-03
M-DBL13080	1.02E-02	1.58E+00	0.00E+00	1.58E+00	0.00E+00	0.00E+00	1.04E+00	5.97E-07	4.73E-03	5.20E-02	0.00E+00	0.00E+00	2.79E-11	5.40E-10	3.88E-03	0.00E+00	0.00E+00	0.00E+00	1.41E-04	5.61E-02	2.21E+01	0.00E+00	2.45E-09	8.13E-08	1.31E-02	3.98E-05	2.96E-02	0.00E+00	2.21E+01	6.29E-08	2.21E+01	2.21E+01	2.96E-02	0.00E+00	0.00E+00	0.00E+00	6.05E-03
M-DBL13530	3.61E-03	5.70E-01	0.00E+00	5.70E-01	0.00E+00	0.00E+00	3.73E-01	2.14E-07	1.70E-03	1.86E-02	0.00E+00	0.00E+00	1.00E-11	1.94E-10	1.39E-03	0.00E+00	0.00E+00	0.00E+00	5.05E-05	2.00E-02	7.96E+00	0.00E+00	8.77E-10	2.94E-08	4.70E-03	1.43E-05	1.06E-02	0.00E+00	7.96E+00	2.24E-08	7.96E+00	8.00E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00	2.17E-03
M-DBL13540	5.28E-03	8.32E-01	0.00E+00	8.32E-01	0.00E+00	0.00E+00	5.46E-01	3.13E-07	2.47E-03	2.70E-02	0.00E+00	0.00E+00	1.46E-11	2.84E-10	2.02E-03	0.00E+00	0.00E+00	0.00E+00	7.33E-05	2.93E-02	1.16E+01	0.00E+00	1.27E-09	4.31E-08	6.84E-03	2.08E-05	1.56E-02	0.00E+00	1.16E+01	3.28E-08	1.16E+01	1.16E+01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	3.17E-03
M-DBL13550	6.54E-03	1.03E+00	0.00E+00	1.03E+00	0.00E+00	0.00E+00	6.73E-01	3.86E-07	3.06E-03	3.37E-02	0.00E+00	0.00E+00	1.82E-11	3.52E-10	2.51E-03	0.00E+00	0.00E+00	0.00E+00	9.14E-05	3.61E-02	1.45E+01	0.00E+00	1.58E-09	5.32E-08	8.46E-03	2.58E-05	1.93E-02	0.00E+00	1.45E+01	4.07E-08	1.45E+01	1.44E+01	1.93E-02	0.00E+00	0.00E+00	0.00E+00	3.90E-03
M-DBL13560	8.18E-03	1.29E+00	0.00E+00	1.29E+00	0.00E+00	0.00E+00	8.44E-01	4.83E-07	3.83E-03	4.20E-02	0.00E+00	0.00E+00	2.27E-11	4.39E-10	3.13E-03	0.00E+00	0.00E+00	0.00E+00	1.14E-04	4.53E-02	1.79E+01	0.00E+00	1.98E-09	6.62E-08	1.06E-02	3.23E-05	2.40E-02	0.00E+00	1.79E+01	5.07E-08	1.79E+01	1.80E+01	2.40E-02	0.00E+00	0.00E+00	0.00E+00	4.91E-03
M-DBL13580	1.10E-02	1.71E+00	0.00E+00	1.71E+00	0.00E+00	0.00E+00	1.13E+00	6.44E-07	5.09E-03	5.60E-02	0.00E+00	0.00E+00	3.03E-11	5.82E-10	4.19E-03	0.00E+00	0.00E+00	0.00E+00	1.53E-04	6.17E-02	2.40E+01	0.00E+00	2.64E-09	8.86E-08	1.41E-02	4.27E-05	3.20E-02	0.00E+00	2.40E+01	6.78E-08	2.40E+01	2.41E+01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	6.67E-03
M-DBL14030	3.68E-03	5.82E-01	0.00E+00	5.82E-01	0.00E+00	0.00E+00	3.80E-01	2.19E-07	1.74E-03	1.90E-02	0.00E+00	0.00E+00	1.03E-11	1.97E-10	1.41E-03	0.00E+00	0.00E+00	0.00E+00	5.18E-05	2.04E-02	8.11E+00	0.00E+00	8.95E-10	3.00E-08	4.79E-03	1.46E-05	1.09E-02	0.00E+00	8.11E+00	2.29E-08	8.11E+00	8.19E+00	1.09E-02	0.00E+00	0.00E+00	0.00E+00	2.21E-03
M-DBL14040	5.41E-03	8.56E-01	0.00E+00	8.56E-01	0.00E+00	0.00E+00	5.61E-01	3.22E-07	2.54E-03	2.77E-02	0.00E+00	0.00E+00	1.50E-11	2.91E-10	2.09E-03	0.00E+00	0.00E+00	0.00E+00	7.53E-05	3.01E-02	1.19E+01	0.00E+00	1.32E-09	4.42E-08	7.03E-03	2.14E-05	1.60E-02	0.00E+00	1.19E+01	3.37E-08	1.19E+01	1.19E+01	1.60E-02	0.00E+00	0.00E+00	0.00E+00	3.24E-03
M-DBL14050	6.84E-03	1.08E+00	0.00E+00	1.08E+00	0.00E+00	0.00E+00	7.12E-01	4.07E-07	3.22E-03	3.53E-02	0.00E+00	0.00E+00	1.90E-11	3.69E-10	2.64E-03	0.00E+00	0.00E+00	0.00E+00	9.58E-05	3.81E-02	1.51E+01	0.00E+00	1.66E-09	5.59E-08	8.92E-03	2.71E-05	2.02E-02	0.00E+00	1.51E+01	4.27E-08	1.51E+01	1.51E+01	2.02E-02	0.00E+00	0.00E+00	0.00E+00	4.11E-03
M-DBL14060	8.43E-03	1.34E+00	0.00E+00	1.34E+00	0.00E+00	0.00E+00	8.76E-01	5.04E-07	3.96E-03	4.37E-02	0.00E+00	0.00E+00	2.36E-11	4.55E-10	3.25E-03	0.00E+00	0.00E+00	0.00E+00	1.19E-04	4.71E-02	1.87E+01	0.00E+00	2.05E-09	6.92E-08	1.11E-02	3.36E-05	2.49E-02	0.00E+00	1.87E+01	5.28E-08	1.87E+01	1.87E+01	2.49E-02	0.00E+00	0.00E+00	0.00E+00	5.09E-03
M-DBL14080	1.21E-02	1.91E+00	0.00E+00	1.91E+00	0.00E+00	0.00E+00	1.24E+00	7.19E-07	5.68E-03	6.22E-02	0.00E+00	0.00E+00	3.42E-11	6.52E-10	4.63E-03	0.00E+00	0.00E+00	0.00E+00	1.71E-04	6.82E-02	2.68E+01	0.00E+00	2.99E-09	9.94E-08	1.57E-02	4.79E-05	3.56E-02	0.00E+00	2.68E+01	7.48E-08	2.68E+01	2.71E+01	3.56E-02	0.00E+00	0.00E+00	0.00E+00	7.52E-03
M-DBL15030	3.86E-03	6.03E-01	0.00E+00	6.03E-01	0.00E+00	0.00E+00	3.98E-01	2.28E-07	1.81E-03	1.98E-02	0.00E+00	0.00E+00	1.07E-11	2.07E-10	1.46E-03	0.00E+00	0.00E+00	0.00E+00	5.32E-05	2.14E-02	8.47E+00	0.00E+00	9.28E-10	3.19E-08	4.96E-03	1.51E-05	1.15E-02	0.00E+00	8.47E+00	2.38E-08	8.47E+00	8.53E+00	1.15E-02	0.00E+00	0.00E+00	0.00E+00	2.31E-03
M-DBL15040	5.51E-03	8.65E-01	0.00E+00	8.65E-01	0.00E+00	0.00E+00	5.67E-01	3.25E-07	2.57E-03	2.81E-02	0.00E+00	0.00E+00	1.52E-11	2.94E-10	2.11E-03	0.00E+00	0.00E+00	0.00E+00	7.64E-05	3.03E-02	1.21E+01	0.00E+00	1.33E-09	4.48E-08	7.10E-03	2.16E-05	1.61E-02	0.00E+00	1.21E+01	3.41E-08	1.21E+01	1.21E+01	1.61E-02	0.00E+00	0.00E+00	0.00E+00	3.28E-03
M-DBL15050	7.25E-03	1.14E+00	0.00E+00	1.14E+00	0.00E+00	0.00E+00	7.47E-01	4.30E-07	3.41E-03	3.74E-02	0.00E+00	0.00E+00	2.01E-11	3.89E-10	2.78E-03	0.00E+00	0.00E+00	0.00E+00	1.01E-04	4.01E-02	1.60E+01	0.00E+00	1.75E-09	5.89E-08	9.40E-03	2.86E-05	2.14E-02	0.00E+00	1.60E+01	4.50E-08	1.60E+01	1.60E+01	2.14E-02	0.00E+00	0.00E+00	0.00E+00	4.32E-03
M-DBL15060	8.85E-03	1.40E+00	0.00E+00	1.40E+00	0.00E+00	0.00E+00	9.21E-01	5.26E-07	4.17E-03	4.57E-02	0.00E+00	0.00E+00	2.47E-11	4.76E-10	3.41E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-04	4.94E-02	1.96E+01	0.00E+00	2.14E-09	7.14E-08	1.15E-02	3.51E-05	2.62E-02	0.00E+00	1.96E+01	5.53E-08	1.96E+01	1.96E+01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	5.34E-03
M-DBL15080	1.23E-02	1.92E+00	0.00E+00	1.92E+00	0.00E+00	0.00E+00	1.25E+00	7.24E-07	5.73E-03	6.27E-02	0.00E+00	0.00E+00	3.45E-11	6.55E-10	4.65E-03	0.00E+00	0.00E+00	0.00E+00	1.72E-04	6.87E-02	2.70E+01	0.00E+00	3.01E-09	9.94E-08	1.59E-02	4.84E-05	3.60E-02	0.00E+00	2.70E+01	7.52E-08	2.70E+01	2.72E+01	3.60E-02	0.00E+00	0.00E+00	0.00E+00	7.56E-03
M-DBL16030	3.67E-03	6.08E-01	0.00E+00	6.08E-01	0.00E+00	0.00E+00	4.00E-01	2.29E-07	1.83E-03	2.00E-02	0.00E+00	0.00E+00	1.08E-11	2.09E-10	1.46E-03	0.00E+00	0.00E+00	0.00E+00	5.36E-05	2.15E-02	8.52E+00	0.00E+00	9.34E-10	3.20E-08	5.00E-03	1.52E-05	1.15E-02	0.00E+00	8.52E+00	2.40E-08	8.52E+00	8.61E+00	1.15E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
M-DBL16040	6.12E-03	9.64E-01	0.00E+00	9.64E-01	0.00E+00	0.00E+00	6.35E-01	3.64E-07	2.88E-03	3.15E-02	0.00E+00	0.00E+00	1.70E-11	3.29E-10	2.36E-03	0.00E+00	0.00E+00	0.00E+00	8.54E-05	3.41E-02	1.35E+01	0.00E+00	1.48E-09	4.99E-08	7.95E-03	2.42E-05	1.80E-02	0.00E+00	1.35E+01	3.81E-08	1.35E+01	1.35E+01	1.80E-02	0.00E+00	0.00E+00	0.00E+00	3.67E-03
M-DBL16050	7.80E-03	1.23E+00	0.00E+00	1.23E+00	0.00E+00	0.00E+00	8.12E-01	4.63E-07	3.66E-03	4.03E-02	0.00E+00	0.00E+00	2.17E-11	4.20E-10	3.02E-03	0.00E+00	0.00E+00	0.00E+00	1.09E-04	4.33E-02	1.73E+01	0.00E+00	1.90E-09	6.38E-08	1.01E-02	3.09E-05	2.30E-02	0.00E+00	1.73E+01	4.86E-08	1.73E+01	1.73E+01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	4.69E-03
M-DBL16060	9.58E-03	1.51E+00	0.00E+00	1.51E+00	0.00E+00	0.00E+00	9.89E-01	5.68E-07	4.50E-03	4.97E-02	0.00E+00	0.00E+00	2.66E-11	5.13E-10	3.68E-03	0.00E+00	0.00E+00	0.00E+00	1.34E-04	5.34E-02	2.09E+01	0.00E+00	2.32E-09	7.71E-08	1.24E-02	3.76E-05	2.80E-02	0.00E+00	2.09E+01	5.97E-08	2.09E+01	2.10E+01	2.80E-02	0.00E+00	0.00E+00	0.00E+00	5.77E-03
M-DBL16080	1.31E-02	1.97E+00	0.00E+00	1.97E+00	0.00E+00	0.00E+00	1.28E+00	7.43E-07	5.89E-03	6.42E-02	0.00E+00	0.00E+00	3.52E-11	6.85E-10	4.75E-03	0.00E+00	0.00E+00	0.00E+00	1.76E-04	6.97E-02	2.77E+01	0.00E+00	3.13E-09	1.01E-07	1.63E-02	4.95E-05	3.68E-02	0.00E+00	2.77E+01	7.73E-08	2.77E+01	2.79E+01	3.68E-02	0.00E+00	0.00E+00	0.00E+00	7.64E-03
M-DBL30100	3.11E-03	4.90E-01	0.00E+00	4.90E-01	0.00E+00	0.00E+00	3.22E-01	1.84E-07	1.46E-03	1.60E-02	0.00E+00	0.00E+00	8.64E-12	1.67E-10	1.20E-03	0.00E+00	0.00E+00	0.00E+00	4.34E-05	1.73E-02	6.85E+00	0.00E+00	7.52E-10	2.54E-08	4.03E-03	1.23E-05	9.13E-03	0.00E+00	6.85E+00	1.93E-08	6.85E+00	6.86E+00	9.13E-03	0.00E+00	0.00E+00	0.00E+00	1.87E-03
M-DBL3030	7.73E-04	1.24E-01	0.00E+00	1.24E-01	0.00E+00	0.00E+00	8.04E-02	4.68E-08	3.66E-04	4.00E-03	0.00E+00	0.00E+00	2.18E-12	4.19E-11	2.99E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-05	4.30E-03	1.74E+00	0.00E+00	1.90E-10	6.30E-09	1.02E-03	3.10E-06	2.32E-03	0.00E+00	1.74E+00	4.85E-09	1.74E+00	1.73E+00	2.32E-03	0.00E+00	0.00E+00	0.00E+00	4.62E-04
M-DBL3040	1.11E-03	1.75E-01	0.00E+00	1.75E-01	0.00E+00	0.00E+00	1.15E-01	6.60E-08	5.21E-04	5.70E-03	0.00E+00	0.00E+00	3.08E-12	5.96E-11	4.28E-04	0.00E+00	0.00E+00	0.00E+00	1.55E-05	6.14E-03	2.45E+00	0.00E+00	2.69E-10	9.08E-09	1.44E-03	4.38E-06	3.25E-03	0.00E+00	2.45E+00	6.91E-09	2.45E+00	2.45E+00	3.25E-03	0.00E+00	0.00E+00	0.00E+00	6.65E-04
M-DBL3050	1.43E-03	2.24E-01	0.00E+00	2.24E-01	0.00E+00	0.00E+00	1.47E-01	8.42E-08	6.68E-04	7.30E-03	0.00E+00	0.00E+00	3.94E-12	7.63E-11	5.49E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-05	7.91E-03	3.13E+00	0.00E+00	3.44E-10	1.16E-08	1.85E-03	5.61E-06	4.16E-03	0.00E+00	3.13E+00	8.86E-09	3.13E+00	3.13E+00	4.16E-03	0.00E+00	0.00E+00	0.00E+00	8.56E-04
M-DBL3060	1.74E-03	2.73E-01	0.00E+00	2.73E-01	0.00E+00	0.00E+00	1.79E-01	1.03E-07	8.12E-04	8.91E-03	0.00E+00	0.00E+00	4.81E-12	9.30E-11	6.69E-04	0.00E+00	0.00E+00	0.00E+00	2.41E-05	9.65E-03	3.81E+00	0.00E+00	4.20E-10	1.41E-08	2.24E-03	6.82E-06	5.06E-03	0.00E+00	3.81E+00	1.08E-08	3.81E+00	3.82E+00	5.06E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03
M-DBL3080	2.59E-03	4.12E-01	0.00E+00	4.12E-01	0.00E+00	0.00E+00	2.72E-01	1.56E-07	1.22E-03	1.34E-02	0.00E+00	0.00E+00	7.27E-12	1.40E-10	1.00E-03	0.00E+00	0.00E+00	0.00E+00	3.64E-05	1.46E-02	5.76E+00	0.00E+00	6.29E-10	2.13E-08	3.38E-03	1.03E-05	7.68E-03	0.00E+00	5.76E+00	1.62E-08	5.76E+00	5.77E+00	7.68E-03	0.00E+00	0.00E+00	0.00E+00	1.57E-03
M-DBL3090	2.83E-03	4.47E-01	0.00E+00	4.47E-01

M-DBL8560	5.28E-03	8.33E-01	0.00E+00	8.33E-01	0.00E+00	0.00E+00	5.47E-01	3.13E-07	2.47E-03	2.71E-02	0.00E+00	0.00E+00	1.46E-11	2.84E-10	2.03E-03	0.00E+00	0.00E+00	0.00E+00	7.33E-05	2.93E-02	1.16E+01	0.00E+00	1.28E-09	4.32E-08	6.84E-03	2.08E-05	1.56E-02	0.00E+00	1.16E+01	3.28E-08	1.16E+01	1.16E+01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	3.17E-03
M-DBL8580	6.94E-03	1.09E+00	0.00E+00	1.09E+00	0.00E+00	0.00E+00	7.19E-01	4.10E-07	3.26E-03	3.57E-02	0.00E+00	0.00E+00	1.92E-11	3.73E-10	2.67E-03	0.00E+00	0.00E+00	0.00E+00	9.68E-05	3.84E-02	1.53E+01	0.00E+00	1.68E-09	5.66E-08	9.02E-03	2.73E-05	2.04E-02	0.00E+00	1.53E+01	4.31E-08	1.53E+01	1.53E+01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	4.16E-03
M-DBL90100	9.23E-03	1.47E+00	0.00E+00	1.47E+00	0.00E+00	0.00E+00	9.63E-01	5.54E-07	4.36E-03	4.83E-02	0.00E+00	0.00E+00	2.59E-11	4.99E-10	3.58E-03	0.00E+00	0.00E+00	0.00E+00	1.30E-04	5.16E-02	2.05E+01	0.00E+00	2.25E-09	7.46E-08	1.21E-02	3.68E-05	2.73E-02	0.00E+00	2.05E+01	5.82E-08	2.05E+01	2.04E+01	2.73E-02	0.00E+00	0.00E+00	0.00E+00	5.57E-03
M-DBL9030	2.59E-03	4.12E-01	0.00E+00	4.12E-01	0.00E+00	0.00E+00	2.72E-01	1.56E-07	1.22E-03	1.34E-02	0.00E+00	0.00E+00	7.27E-12	1.40E-10	1.00E-03	0.00E+00	0.00E+00	0.00E+00	3.64E-05	1.46E-02	5.76E+00	0.00E+00	6.29E-10	2.13E-08	3.38E-03	1.03E-05	7.68E-03	0.00E+00	5.76E+00	1.62E-08	5.76E+00	5.77E+00	7.68E-03	0.00E+00	0.00E+00	0.00E+00	1.57E-03
M-DBL9040	3.44E-03	5.45E-01	0.00E+00	5.45E-01	0.00E+00	0.00E+00	3.56E-01	2.05E-07	1.62E-03	1.78E-02	0.00E+00	0.00E+00	9.60E-12	1.85E-10	1.33E-03	0.00E+00	0.00E+00	0.00E+00	4.82E-05	1.92E-02	7.59E+00	0.00E+00	8.36E-10	2.80E-08	4.49E-03	1.36E-05	1.01E-02	0.00E+00	7.59E+00	2.15E-08	7.59E+00	7.63E+00	1.01E-02	0.00E+00	0.00E+00	0.00E+00	2.08E-03
M-DBL9050	3.88E-03	6.08E-01	0.00E+00	6.08E-01	0.00E+00	0.00E+00	4.00E-01	2.30E-07	1.82E-03	2.00E-02	0.00E+00	0.00E+00	1.08E-11	2.09E-10	1.47E-03	0.00E+00	0.00E+00	0.00E+00	5.36E-05	2.15E-02	8.52E+00	0.00E+00	9.34E-10	3.20E-08	5.00E-03	1.52E-05	1.16E-02	0.00E+00	8.52E+00	2.40E-08	8.52E+00	8.60E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
M-DBL9060	5.40E-03	8.63E-01	0.00E+00	8.63E-01	0.00E+00	0.00E+00	5.66E-01	3.24E-07	2.56E-03	2.80E-02	0.00E+00	0.00E+00	1.51E-11	2.94E-10	2.11E-03	0.00E+00	0.00E+00	0.00E+00	7.62E-05	3.04E-02	1.20E+01	0.00E+00	1.33E-09	4.45E-08	7.10E-03	2.16E-05	1.61E-02	0.00E+00	1.20E+01	3.40E-08	1.20E+01	1.20E+01	1.61E-02	0.00E+00	0.00E+00	0.00E+00	3.27E-03
M-DBL9080	7.37E-03	1.16E+00	0.00E+00	1.16E+00	0.00E+00	0.00E+00	7.59E-01	4.36E-07	3.45E-03	3.79E-02	0.00E+00	0.00E+00	2.04E-11	3.95E-10	2.82E-03	0.00E+00	0.00E+00	0.00E+00	1.03E-04	4.07E-02	1.62E+01	0.00E+00	1.78E-09	5.98E-08	9.55E-03	2.89E-05	2.17E-02	0.00E+00	1.62E+01	4.56E-08	1.62E+01	1.63E+01	2.17E-02	0.00E+00	0.00E+00	0.00E+00	4.39E-03
M-DBL9090	8.28E-03	1.30E+00	0.00E+00	1.30E+00	0.00E+00	0.00E+00	8.51E-01	4.90E-07	3.88E-03	4.25E-02	0.00E+00	0.00E+00	2.29E-11	4.43E-10	3.15E-03	0.00E+00	0.00E+00	0.00E+00	1.15E-04	4.58E-02	1.81E+01	0.00E+00	2.00E-09	6.68E-08	1.07E-02	3.27E-05	2.43E-02	0.00E+00	1.81E+01	5.12E-08	1.81E+01	1.82E+01	2.43E-02	0.00E+00	0.00E+00	0.00E+00	4.95E-03
M-DBLA10030	1.87E-03	2.96E-01	0.00E+00	2.96E-01	0.00E+00	0.00E+00	1.93E-01	1.11E-07	8.81E-04	9.64E-03	0.00E+00	0.00E+00	5.23E-12	1.01E-10	7.20E-04	0.00E+00	0.00E+00	0.00E+00	2.62E-05	1.04E-02	4.14E+00	0.00E+00	4.55E-10	1.53E-08	2.44E-03	7.43E-06	5.52E-03	0.00E+00	4.14E+00	1.17E-08	4.14E+00	4.14E+00	5.52E-03	0.00E+00	0.00E+00	0.00E+00	1.12E-03
M-DBLA10040	2.08E-03	3.27E-01	0.00E+00	3.27E-01	0.00E+00	0.00E+00	2.14E-01	1.23E-07	9.73E-04	1.06E-02	0.00E+00	0.00E+00	5.73E-12	1.11E-10	7.96E-04	0.00E+00	0.00E+00	0.00E+00	2.88E-05	1.15E-02	4.55E+00	0.00E+00	4.98E-10	1.69E-08	2.68E-03	8.17E-06	6.06E-03	0.00E+00	4.55E+00	1.28E-08	4.55E+00	4.56E+00	6.06E-03	0.00E+00	0.00E+00	0.00E+00	1.25E-03
M-DBLA10050	3.15E-03	4.96E-01	0.00E+00	4.96E-01	0.00E+00	0.00E+00	3.26E-01	1.86E-07	1.47E-03	1.62E-02	0.00E+00	0.00E+00	8.74E-12	1.69E-10	1.21E-03	0.00E+00	0.00E+00	0.00E+00	4.39E-05	1.75E-02	6.94E+00	0.00E+00	7.62E-10	2.56E-08	4.08E-03	1.24E-05	9.25E-03	0.00E+00	6.94E+00	1.95E-08	6.94E+00	6.95E+00	9.25E-03	0.00E+00	0.00E+00	0.00E+00	1.88E-03
M-DBLA10060	3.87E-03	6.08E-01	0.00E+00	6.08E-01	0.00E+00	0.00E+00	3.99E-01	2.29E-07	1.82E-03	2.00E-02	0.00E+00	0.00E+00	1.08E-11	2.08E-10	1.48E-03	0.00E+00	0.00E+00	0.00E+00	5.36E-05	2.14E-02	8.52E+00	0.00E+00	9.33E-10	3.19E-08	4.99E-03	1.52E-05	1.15E-02	0.00E+00	8.52E+00	2.40E-08	8.52E+00	8.58E+00	1.15E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
M-DBLA10080	6.48E-03	1.02E+00	0.00E+00	1.02E+00	0.00E+00	0.00E+00	6.66E-01	3.86E-07	3.06E-03	3.33E-02	0.00E+00	0.00E+00	1.80E-11	3.48E-10	2.49E-03	0.00E+00	0.00E+00	0.00E+00	9.05E-05	3.58E-02	1.43E+01	0.00E+00	1.57E-09	5.26E-08	8.41E-03	2.56E-05	1.91E-02	0.00E+00	1.43E+01	4.03E-08	1.43E+01	1.43E+01	1.91E-02	0.00E+00	0.00E+00	0.00E+00	3.89E-03
M-DBLA11030	2.02E-03	3.18E-01	0.00E+00	3.18E-01	0.00E+00	0.00E+00	2.09E-01	1.19E-07	9.45E-04	1.03E-02	0.00E+00	0.00E+00	5.59E-12	1.08E-10	7.74E-04	0.00E+00	0.00E+00	0.00E+00	2.81E-05	1.12E-02	4.43E+00	0.00E+00	4.86E-10	1.64E-08	2.61E-03	7.96E-06	5.91E-03	0.00E+00	4.43E+00	1.25E-08	4.43E+00	4.45E+00	5.91E-03	0.00E+00	0.00E+00	0.00E+00	1.20E-03
M-DBLA11040	2.39E-03	3.75E-01	0.00E+00	3.75E-01	0.00E+00	0.00E+00	2.47E-01	1.41E-07	1.16E-03	1.21E-02	0.00E+00	0.00E+00	6.55E-12	1.27E-10	9.19E-04	0.00E+00	0.00E+00	0.00E+00	3.28E-05	1.33E-02	5.21E+00	0.00E+00	5.70E-10	1.96E-08	3.04E-03	9.29E-06	6.95E-03	0.00E+00	5.21E+00	1.46E-08	5.21E+00	5.20E+00	6.95E-03	0.00E+00	0.00E+00	0.00E+00	1.43E-03
M-DBLA11050	3.45E-03	5.45E-01	0.00E+00	5.45E-01	0.00E+00	0.00E+00	3.57E-01	2.05E-07	1.62E-03	1.78E-02	0.00E+00	0.00E+00	9.61E-12	1.86E-10	1.33E-03	0.00E+00	0.00E+00	0.00E+00	4.82E-05	1.92E-02	7.60E+00	0.00E+00	8.37E-10	2.81E-08	4.50E-03	1.36E-05	1.02E-02	0.00E+00	7.60E+00	2.15E-08	7.60E+00	7.63E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00	2.08E-03
M-DBLA11060	4.29E-03	6.74E-01	0.00E+00	6.74E-01	0.00E+00	0.00E+00	4.38E-01	2.53E-07	2.01E-03	2.21E-02	0.00E+00	0.00E+00	1.20E-11	2.32E-10	1.60E-03	0.00E+00	0.00E+00	0.00E+00	5.96E-05	2.36E-02	9.44E+00	0.00E+00	1.03E-09	3.51E-08	5.53E-03	1.68E-05	1.27E-02	0.00E+00	9.44E+00	2.66E-08	9.44E+00	9.50E+00	1.27E-02	0.00E+00	0.00E+00	0.00E+00	2.54E-03
M-DBLA11080	7.11E-03	1.12E+00	0.00E+00	1.12E+00	0.00E+00	0.00E+00	7.35E-01	4.21E-07	3.33E-03	3.66E-02	0.00E+00	0.00E+00	1.97E-11	3.80E-10	2.73E-03	0.00E+00	0.00E+00	0.00E+00	9.90E-05	3.93E-02	1.56E+01	0.00E+00	1.71E-09	5.75E-08	9.23E-03	2.80E-05	2.09E-02	0.00E+00	1.56E+01	4.41E-08	1.56E+01	1.57E+01	2.09E-02	0.00E+00	0.00E+00	0.00E+00	4.25E-03
M-DBLA12030	2.48E-03	3.85E-01	0.00E+00	3.85E-01	0.00E+00	0.00E+00	2.56E-01	1.44E-07	1.14E-03	1.25E-02	0.00E+00	0.00E+00	6.72E-12	1.30E-10	9.51E-04	0.00E+00	0.00E+00	0.00E+00	3.40E-05	1.37E-02	5.35E+00	0.00E+00	5.85E-10	2.02E-08	3.14E-03	9.61E-06	7.14E-03	0.00E+00	5.35E+00	1.51E-08	5.35E+00	5.35E+00	7.14E-03	0.00E+00	0.00E+00	0.00E+00	1.48E-03
M-DBLA12040	2.66E-03	4.22E-01	0.00E+00	4.22E-01	0.00E+00	0.00E+00	2.80E-01	1.59E-07	1.25E-03	1.37E-02	0.00E+00	0.00E+00	7.40E-12	1.43E-10	1.03E-03	0.00E+00	0.00E+00	0.00E+00	3.73E-05	1.49E-02	5.89E+00	0.00E+00	6.45E-10	2.18E-08	3.45E-03	1.06E-05	7.87E-03	0.00E+00	5.89E+00	1.66E-08	5.89E+00	5.88E+00	7.87E-03	0.00E+00	0.00E+00	0.00E+00	1.60E-03
M-DBLA12050	3.68E-03	5.82E-01	0.00E+00	5.82E-01	0.00E+00	0.00E+00	3.80E-01	2.19E-07	1.74E-03	1.90E-02	0.00E+00	0.00E+00	1.03E-11	1.97E-10	1.41E-03	0.00E+00	0.00E+00	0.00E+00	5.16E-05	2.04E-02	8.11E+00	0.00E+00	8.95E-10	3.00E-08	4.79E-03	1.46E-05	1.09E-02	0.00E+00	8.11E+00	2.29E-08	8.11E+00	8.19E+00	1.09E-02	0.00E+00	0.00E+00	0.00E+00	2.21E-03
M-DBLA12060	5.28E-03	8.33E-01	0.00E+00	8.33E-01	0.00E+00	0.00E+00	5.47E-01	3.13E-07	2.47E-03	2.71E-02	0.00E+00	0.00E+00	1.46E-11	2.84E-10	2.03E-03	0.00E+00	0.00E+00	0.00E+00	7.33E-05	2.93E-02	1.16E+01	0.00E+00	1.28E-09	4.32E-08	6.84E-03	2.08E-05	1.56E-02	0.00E+00	1.16E+01	3.28E-08	1.16E+01	1.16E+01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	3.17E-03
M-DBLA12080	7.78E-03	1.23E+00	0.00E+00	1.23E+00	0.00E+00	0.00E+00	8.10E-01	4.62E-07	3.66E-03	4.02E-02	0.00E+00	0.00E+00	2.17E-11	4.19E-10	3.01E-03	0.00E+00	0.00E+00	0.00E+00	1.09E-04	4.32E-02	1.72E+01	0.00E+00	1.89E-09	6.36E-08	1.01E-02	3.08E-05	2.29E-02	0.00E+00	1.72E+01	4.85E-08	1.72E+01	1.72E+01	2.29E-02	0.00E+00	0.00E+00	0.00E+00	4.68E-03
M-DBLA13030	2.67E-03	4.24E-01	0.00E+00	4.24E-01	0.00E+00	0.00E+00	2.78E-01	1.59E-07	1.25E-03	1.37E-02	0.00E+00	0.00E+00	7.43E-12	1.43E-10	1.03E-03	0.00E+00	0.00E+00	0.00E+00	3.72E-05	1.48E-02	5.88E+00	0.00E+00	6.45E-10	2.18E-08	3.46E-03	1.06E-05	7.89E-03	0.00E+00	5.88E+00	1.66E-08	5.88E+00	5.90E+00	7.89E-03	0.00E+00	0.00E+00	0.00E+00	1.60E-03
M-DBLA13040	3.13E-03	4.93E-01	0.00E+00	4.93E-01	0.00E+00	0.00E+00	3.24E-01	1.85E-07	1.46E-03	1.61E-02	0.00E+00	0.00E+00	8.68E-12	1.68E-10	1.20E-03	0.00E+00	0.00E+00	0.00E+00	4.36E-05	1.74E-02	6.88E+00	0.00E+00	7.56E-10	2.55E-08	4.05E-03	1.23E-05	9.18E-03	0.00E+00	6.88E+00	1.94E-08	6.88E+00	6.89E+00	9.18E-03	0.00E+00	0.00E+00	0.00E+00	1.87E-03
M-DBLA13050	3.88E-03	6.09E-01	0.00E+00	6.09E-01	0.00E+00	0.00E+00	4.01E-01	2.30E-07	1.83E-03	2.00E-02	0.00E+00	0.00E+00	1.08E-11	2.09E-10	1.47E-03	0.00E+00	0.00E+00	0.00E+00	5.37E-05	2.16E-02	8.53E+00	0.00E+00	9.35E-10	3.20E-08	5.01E-03	1.52E-05	1.16E-02	0.00E+00	8.53E+00	2.41E-08	8.53E+00	8.63E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	2.33E-03
M-DBLA13060	6.10E-03	9.64E-01	0.00E+00	9.64E-01	0.00E+00	0.00E+00	6.35E-01	3.63E-07	2.86E-03	3.16E-02	0.00E+00	0.00E+00	1.70E-11	3.29E-10	2.36E-03	0.00E+00	0.00E+00	0.00E+00	8.54E-05	3.41E-02	1.35E+01	0.00E+00	1.48E-09	4.99E-08	7.94E-03	2.42E-05	1.80E-02	0.00E+00	1.35E+01	3.81E-08	1.35E+01	1.35E+01	1.80E-02	0.00E+00	0.00E+00	0.00E+00	3.67E-03
M-DBLA13080	8.77E-03	1.40E+00	0.00E+00	1.40E+00	0.00E+00	0.00E+00	9.13E-01	5.25E-07	4.16E-03	4.54E-02	0.00E+00	0.00E+00	2.46E-11	4.73E-10	3.38E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-04	4.89E-02	1.95E+01	0.00E+00	2.13E-09	7.08E-08	1.15E-02	3.49E-05	2.59E-02	0.00E+00	1.95E+01	5.50E-08	1.95E+01	1.95E+01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	5.29E-03
M-DBLA13530	2.68E-03	4.21E-01	0.00E+00	4.21E-01	0.00E+00	0.00E+00	2.80E-01	1.59E-07	1.25E-03	1.37E-02	0.00E+00	0.00E+00	7.49E-12	1.43E-10	1.03E-03	0.00E+00	0.00E+00	0.00E+00	3.73E-05	1.49E-02	5.89E+00	0.00E+00	6.45E-10	2.18E-08	3.45E-03	1.06E-05	7.87E-03	0.00E+00	5.89E+00	1.66E-08	5.89E+00	5.88E+00	7.87E-03	0.00E+00	0.00E+00	0.00E+00	1.60E-03
M-DBLA13540	3.12E-03	4.90E-01	0.00E+00	4.90E-01	0.00E+00	0.00E+00	3.23E-01	1.84E-07	1.46E-03	1.60E-02	0.00E+00	0.00E+00	8.63E-12	1.67E-10	1.20E-03	0.00E+00	0.00E+00	0.00E+00	4.34E-05	1.73E-02	6.85E+00	0.00E+00	7.53E-10	2.54E-08	4.03E-03	1.23E-05	9.14E-03	0.00E+00	6.85E+00	1.93E-08	6.85E+00	6.87E+00	9.14E-03	0.00E+00	0.00E+00	0.00E+00	1.87E-03
M-DBLA13550	4.28E-03	6.75E-01	0.00E+00	6.75E-01	0.00E+00	0.00E+00	4.38E-01	2.54E-07	2.02E-03	2.22E-02	0.00E+00	0.00E+00	1.20E-11	2.33E-10	1.60E-03	0.00E+00	0.00E+00	0.00E+00	5.97E-05	2.37E-02	9.45E+00	0.00E+00	1.03E-09	3.52E-08	5.54E-03	1.68E-05	1.27E-02	0.00E+00	9.45E+00	2.67E-08	9.45E+00	9.54E+00	1.27E-02	0.00E+00	0.00E+00	0.00E+00	2.54E-03
M-DBLA13560	6.22E-03	9.75E-01	0.00E+00	9.75E-01	0.00E+00	0.00E+00	6.42E-01	3.67E-07	2.91E-03	3.19E-02	0.00E+00	0.00E+00	1.72E-11	3.32E-10	2.39E-03	0.00E+00	0.00E+00	0.00E+00	8.63E-05	3.44E-02	1.37E+01	0.00E+00	1.50E-09	5.05E-08	8.03E-03	2.44E-05	1.82E-02	0.00E+00	1.37E+01	3.85E-08	1.37E+01	1.37E+01	1.82E-02	0.00E+00	0.00E+00	0.00E+00	3.72E-03
M-DBLA13580	9.20E-03	1.46E+00	0.00E+00	1.46E+00	0.00E+00	0.00E+00	9.56E-01	5.51E-07	4.38E-03	4.80E-02	0.00E+00	0.00E+00	2.58E-11	4.98E-10	3.57E-03	0.00E+00	0.00E+00	0.00E+00	1.30E-04	5.13E-02	2.04E+01	0.00E+00	2.24E-09	7.46E-08	1.20E-02	3.67E-05	2.72E-02	0.00E+00	2.04E+01	5.79E-08	2.04E+01	2.04E+01	2.72E-02	0.00E+00	0.00E+00	0.00E+00	5.54E-03
M-DBLA14030	2.66E-03	4.21E-01	0.00E+00	4.21E-01	0.00E+00	0.00E+00	2.80E-01	1.59E-07	1.25E-03	1.37E-02	0.00E+00	0.00E+00	7.40E-12	1.43E-10	1.03E-03	0.00E+00	0.00E+00	0.00E+00	3.73E-05	1.49E-02	5.89E+00	0.00E+00	6.45E-10	2.18E-08	3.45E-03	1.06E-05	7.87E-03	0.00E+00	5.89E+00	1.66E-08	5.89E+00	5.88E+00	7.87E-03	0.00E+00	0.00E+00	0.00E+00	1.60E-03
M-DBLA14040	2.61E-03	4.43E-01	0.00E+00	4.43E-01	0.00E+00	0.00E+00	2.92E-01	1.68E-07	1.32E-03	1.44E-02	0.00E+00	0.00E+00	7.78E-12	1.51E-10	1.09E-03	0.00E+00	0.00E+00	0.00E+00	3.91E-05	1.56E-02	6.21E+00	0.00E+00	6.79E-10	2.30E-08	3.64E-03	1.11E-05	8.28E-03	0.00E+00	6.21E+00	1.74E-08	6.21E+00	6.18E+00	8.28E-03	0.00E+00	0.00E+00	0.00E+00	1.68E-03
M-DBLA14050	3.87E-03	6.06E-01	0.00E+00	6.06E-01	0.00E+00	0.00E+00	3.98E-01	2.29E-07	1.82E-03	1.99E-02	0.00E+00	0.00E+00	1.07E-11	2.08E-10	1.46E-03	0.00E+00	0.00E+00	0.00E+00	5.35E-05	2.14E-02	8.51E+00	0.00E+00	9.31E-10	3.19E-08	4.98E-03	1.51E-05	1.15E-02	0.00E+00	8.51E+00	2.40E-08	8.51E+00	8.58E+00	1.15E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
M-DBLA14060	5.99E-03	8.69E-01	0.00E+00	8.69E-01	0.00E+00	0.00E+00	5.71E-01	3.27E-07	2.58E-03	2.83E-02	0.00E+00	0.00E+00	1.52E-11	2.96E-10	2.13E-03	0.00E+00	0.00E+00	0.00E+00	7.69E-05	3.05E-02	1.21E+01	0.00E+00	1.34E-09	4.48E-08	7.14E-03	2.17E-05	1.62E-02	0.00E+00	1.21E+01	3.42E-08	1.21E+01	1.21E+01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	3.30E-03
M-DBLA14080	8.79E-03	1.40E+00	0.00E+00	1.40E+00	0.00E+00	0.00E+00	9.15E-01	5.26E-07	4.17E-03	4.54E-02	0.00E+00	0.00E+00	2.46E-11	4.74E-10	3.39E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-04	4.90E-02	1.95E+01	0.00E+00	2.14E-09	7.10E-08	1.15E-02	3.50E-05	2.59E-02	0.00E+00	1.95E+01	5.50E-08	1.95E+01	1.95E+01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	5.30E-03
M-DBLA15030	2.67E-03	4.22E-01	0.00E+00	4.22E-01	0.00E+00	0.00E+00	2.81E-01	1.59E-07	1.26E-03	1.38E-02	0.00E+00	0.00E+00	7.41E-12	1.44E-10	1.03E-03	0.00E+00	0.00E+00	0.00E+00	3.73E-05	1.49E-02	5.90E+00	0.00E+00	6.46E-10	2.18E-08	3.46E-03	1.06E-05	7.89E-03	0.00E+00	5.90E+00	1.66E-08	5.90E+00	5.89E+00	7.89E-03	0.00E+00	0.00E+00	0.00E+00	1.60E-03
M-DBLA15040	2.86E-03	4.51E-01	0.00E+00	4.51E-01	0.00E+00	0.00E+00	2.99E-01	1.70E-07	1.34E-03	1.47E-02	0.00E+00	0.00E+00	7.93E-12	1.53E-10	1.10E-03	0.00E+00	0.00E+00	0.00E+00	3.98E-05	1.58E-02	6.31E+00	0.00E+00	6.92E-10	2.33E-08	3.71E-03	1.13E-05	8.43E-03	0.00E+00	6.31E+00	1.77E-08	6.31E+00	6.31E+00	8.43E-03	0.00E+00	0.00E+00	0.00E+00	1.72E-03
M-DBLA15050	3.88E-03	6.09E-01	0.00E+00	6.09E-01	0.00E+00	0.00E+00	4.01E-01	2.30E-07	1.83E-03	2.00E-02	0.00E+00	0.00E+00	1.08E-11	2.09E-10	1.47E-03	0.00E+00	0.00E+00	0.00E+00	5.37E-05	2.16E-02	8.53E+00	0.00E+00	9.35E-10	3.20E-08	5.01E-03	1.52E-05	1.16E-02	0.00E+00	8.53E+00	2.41E-08	8.53E+00	8.63E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	2.33E-03
M-DBLA15060	6.17E-03	9.68E-01	0.00E+00	9.68E-01	0.00E+00	0.00E+00	6.37E-01	3.65E-07	2.89E-03	3.16E-02	0.00E+00	0.00E+00	1.70E-11	3.30E-10	2.37E-03	0.00E+00	0.00E+00	0.00E+00	8.58E-05	3.42E-02	1.36E+01	0.00E+00	1.49E-09	5.01E-08	7.97E-03	2.43E-05	1.81E-02	0.00E+00	1.36E+01	3.82E-08	1.36E+01	1.36E+01	1.81E-02	0.00E+00	0.00E+00	0.00E+00	3.69E-03
M-DBLA15080	9.58E-03	1.50E+00	0.00E+00	1.50E+00	0.00E+00	0.00E+00	9.89E-01	5.68E-07	4.50E-03	4.97E-02	0.00E+00	0.00E+00	2.66E-11	5.13E-10	3.68E-03	0.00E+00	0.00E+00	0.00E+00	1.34E-04	5.33E-02	2.09E+01	0.00E+00	2.32E-09	7.71E-08	1.24E-02	3.79E-05	2.80E-02	0.00E+00	2.09E+01	5.97E-08	2.09E+01	2.09E+01	2.80E-02	0.00E+00	0.00E+00	0.00E+00	5.76E-03
M-DBLA16030	2.92E-03	4.61E-01	0.00E+00	4.61E-01	0.00E+00	0.00E+00	3.03E-01	1.74E-07	1.37E-03	1.51E-02	0.00E+00	0.00E+00	8.11E-12	1.57E-10	1.12E-03	0.00E+00	0.00E+00	0.00E+00	4.08E-05	1.62E-02	6.45E+00	0.00E+00	7.07E-10	2.39E-08	3.79E-03	1.15E-05	8.60E-03	0.00E+00	6.45E+00	1.81E-08	6.45E+00	6.45E+00	8.60E-03	0.00E+00	0.00E+00	0.00E+00	1.75E-03
M-DBLA16040	3.38E-03	5.35E-01	0.00E+00	5.35E-01	0.00E+00	0.00E+00	3.50E-01	2.02E-07	1.59E-03	1.75E-02	0.00E+00	0.00E+00	9.42E-12	1.82E-10	1.30E-03	0.00E+00	0.00E+00	0.00E+00	4.74E-05	1.88E-02	7.46E+00	0.00E+00	8.22E-10	2.76E-08	4.41E-03	1.34E-05	9.98E-03	0.00E+00	7.46E+00	2.11E-08	7.46E+00	7.49E+00	9.98E-03	0.00E+00	0.00E+00	0.00E+00	2.04E-03
M-DBLA16050	5.28

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M-DBLAG6060	3.14E-03	4.91E-01	0.00E+00	4.91E-01	0.00E+00	0.00E+00	3.24E-01	1.84E-07	1.48E-03	1.61E-02	0.00E+00	0.00E+00	8.76E-12	1.70E-10	1.19E-03	0.00E+00	0.00E+00	0.00E+00	4.36E-05	1.74E-02	6.89E+00	0.00E+00	7.55E-10	2.56E-08	4.06E-03	1.24E-05	9.20E-03	0.00E+00	6.89E+00	1.96E-08	6.89E+00	6.89E+00	9.20E-03	0.00E+00	0.00E+00	0.00E+00	1.87E-03
M-DBLAG6080	3.98E-03	6.17E-01	0.00E+00	6.17E-01	0.00E+00	0.00E+00	4.04E-01	2.32E-07	1.85E-03	2.03E-02	0.00E+00	0.00E+00	1.09E-11	2.12E-10	1.48E-03	0.00E+00	0.00E+00	0.00E+00	5.46E-05	2.19E-02	8.67E+00	0.00E+00	9.45E-10	3.22E-08	5.10E-03	1.54E-05	1.16E-02	0.00E+00	8.67E+00	2.45E-08	8.67E+00	8.74E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	2.36E-03
M-DBLAG6090	4.81E-03	7.62E-01	0.00E+00	7.62E-01	0.00E+00	0.00E+00	4.95E-01	2.86E-07	2.27E-03	2.48E-02	0.00E+00	0.00E+00	1.35E-11	2.63E-10	1.81E-03	0.00E+00	0.00E+00	0.00E+00	6.75E-05	2.67E-02	1.07E+01	0.00E+00	1.17E-09	3.96E-08	6.25E-03	1.90E-05	1.43E-02	0.00E+00	1.07E+01	3.01E-08	1.07E+01	1.07E+01	1.43E-02	0.00E+00	0.00E+00	0.00E+00	2.87E-03
M-DBLAG7030	1.25E-03	1.98E-01	0.00E+00	1.98E-01	0.00E+00	0.00E+00	1.29E-01	7.43E-08	5.87E-04	6.43E-03	0.00E+00	0.00E+00	3.49E-12	6.76E-11	4.81E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-05	6.94E-03	2.76E+00	0.00E+00	3.03E-10	1.02E-08	1.63E-03	4.97E-06	3.69E-03	0.00E+00	2.76E+00	7.79E-09	2.76E+00	2.77E+00	3.69E-03	0.00E+00	0.00E+00	0.00E+00	7.53E-04
M-DBLAG7040	1.42E-03	2.24E-01	0.00E+00	2.24E-01	0.00E+00	0.00E+00	1.47E-01	8.41E-08	6.67E-04	7.29E-03	0.00E+00	0.00E+00	3.93E-12	7.61E-11	5.48E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-05	7.88E-03	3.13E+00	0.00E+00	3.43E-10	1.16E-08	1.84E-03	5.60E-06	4.17E-03	0.00E+00	3.13E+00	8.83E-09	3.13E+00	3.13E+00	4.17E-03	0.00E+00	0.00E+00	0.00E+00	8.53E-04
M-DBLAG7050	2.43E-03	3.76E-01	0.00E+00	3.76E-01	0.00E+00	0.00E+00	2.46E-01	1.41E-07	1.11E-03	1.22E-02	0.00E+00	0.00E+00	6.64E-12	1.30E-10	9.22E-04	0.00E+00	0.00E+00	0.00E+00	3.31E-05	1.33E-02	5.26E+00	0.00E+00	5.75E-10	1.97E-08	3.09E-03	9.46E-06	6.98E-03	0.00E+00	5.26E+00	1.48E-08	5.26E+00	5.24E+00	6.98E-03	0.00E+00	0.00E+00	0.00E+00	1.45E-03
M-DBLAG7060	3.14E-03	4.91E-01	0.00E+00	4.91E-01	0.00E+00	0.00E+00	3.24E-01	1.84E-07	1.46E-03	1.61E-02	0.00E+00	0.00E+00	8.76E-12	1.70E-10	1.19E-03	0.00E+00	0.00E+00	0.00E+00	4.36E-05	1.74E-02	6.89E+00	0.00E+00	7.55E-10	2.56E-08	4.06E-03	1.24E-05	9.20E-03	0.00E+00	6.89E+00	1.96E-08	6.89E+00	6.89E+00	9.20E-03	0.00E+00	0.00E+00	0.00E+00	1.87E-03
M-DBLAG7080	3.97E-03	6.18E-01	0.00E+00	6.18E-01	0.00E+00	0.00E+00	4.05E-01	2.34E-07	1.86E-03	2.03E-02	0.00E+00	0.00E+00	1.09E-11	2.12E-10	1.48E-03	0.00E+00	0.00E+00	0.00E+00	5.47E-05	2.19E-02	8.70E+00	0.00E+00	9.48E-10	3.24E-08	5.12E-03	1.55E-05	1.18E-02	0.00E+00	8.70E+00	2.46E-08	8.70E+00	8.77E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	2.36E-03
M-DBLAG80100	6.78E-03	1.07E+00	0.00E+00	1.07E+00	0.00E+00	0.00E+00	7.04E-01	4.03E-07	3.19E-03	3.48E-02	0.00E+00	0.00E+00	1.89E-11	3.65E-10	2.62E-03	0.00E+00	0.00E+00	0.00E+00	9.47E-05	3.77E-02	1.50E+01	0.00E+00	1.63E-09	5.54E-08	8.83E-03	2.68E-05	2.00E-02	0.00E+00	1.50E+01	4.22E-08	1.50E+01	1.50E+01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	4.08E-03
M-DBLAG8030	1.42E-03	2.24E-01	0.00E+00	2.24E-01	0.00E+00	0.00E+00	1.47E-01	8.41E-08	6.67E-04	7.29E-03	0.00E+00	0.00E+00	3.93E-12	7.61E-11	5.48E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-05	7.88E-03	3.13E+00	0.00E+00	3.43E-10	1.16E-08	1.84E-03	5.60E-06	4.17E-03	0.00E+00	3.13E+00	8.83E-09	3.13E+00	3.13E+00	4.17E-03	0.00E+00	0.00E+00	0.00E+00	8.53E-04
M-DBLAG8040	1.61E-03	2.54E-01	0.00E+00	2.54E-01	0.00E+00	0.00E+00	1.66E-01	9.58E-08	7.60E-04	8.28E-03	0.00E+00	0.00E+00	4.46E-12	8.61E-11	6.16E-04	0.00E+00	0.00E+00	0.00E+00	2.25E-05	8.88E-03	3.56E+00	0.00E+00	3.90E-10	1.31E-08	2.08E-03	6.32E-06	4.75E-03	0.00E+00	3.56E+00	1.00E-08	3.56E+00	3.55E+00	4.75E-03	0.00E+00	0.00E+00	0.00E+00	9.65E-04
M-DBLAG8050	2.61E-03	4.13E-01	0.00E+00	4.13E-01	0.00E+00	0.00E+00	2.72E-01	1.56E-07	1.24E-03	1.35E-02	0.00E+00	0.00E+00	7.38E-12	1.44E-10	1.00E-03	0.00E+00	0.00E+00	0.00E+00	3.67E-05	1.46E-02	5.85E+00	0.00E+00	6.39E-10	2.15E-08	3.42E-03	1.04E-05	7.79E-03	0.00E+00	5.85E+00	1.65E-08	5.85E+00	5.78E+00	7.79E-03	0.00E+00	0.00E+00	0.00E+00	1.57E-03
M-DBLAG8060	3.43E-03	5.43E-01	0.00E+00	5.43E-01	0.00E+00	0.00E+00	3.55E-01	2.04E-07	1.61E-03	1.78E-02	0.00E+00	0.00E+00	9.60E-12	1.86E-10	1.31E-03	0.00E+00	0.00E+00	0.00E+00	4.81E-05	1.91E-02	7.59E+00	0.00E+00	8.33E-10	2.79E-08	4.49E-03	1.36E-05	1.02E-02	0.00E+00	7.59E+00	2.15E-08	7.59E+00	7.64E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00	2.07E-03
M-DBLAG8080	4.81E-03	7.62E-01	0.00E+00	7.62E-01	0.00E+00	0.00E+00	4.95E-01	2.86E-07	2.27E-03	2.48E-02	0.00E+00	0.00E+00	1.35E-11	2.63E-10	1.81E-03	0.00E+00	0.00E+00	0.00E+00	6.75E-05	2.67E-02	1.07E+01	0.00E+00	1.17E-09	3.96E-08	6.25E-03	1.90E-05	1.43E-02	0.00E+00	1.07E+01	3.01E-08	1.07E+01	1.07E+01	1.43E-02	0.00E+00	0.00E+00	0.00E+00	2.87E-03
M-DBLAG8090	6.07E-03	9.46E-01	0.00E+00	9.46E-01	0.00E+00	0.00E+00	6.24E-01	3.57E-07	2.82E-03	3.10E-02	0.00E+00	0.00E+00	1.67E-11	3.23E-10	2.32E-03	0.00E+00	0.00E+00	0.00E+00	8.40E-05	3.33E-02	1.32E+01	0.00E+00	1.46E-09	4.91E-08	7.81E-03	2.38E-05	1.77E-02	0.00E+00	1.32E+01	3.74E-08	1.32E+01	1.33E+01	1.77E-02	0.00E+00	0.00E+00	0.00E+00	3.62E-03
M-DBLAG8530	1.60E-03	2.52E-01	0.00E+00	2.52E-01	0.00E+00	0.00E+00	1.66E-01	9.48E-08	7.51E-04	8.22E-03	0.00E+00	0.00E+00	4.44E-12	8.57E-11	6.11E-04	0.00E+00	0.00E+00	0.00E+00	2.23E-05	8.83E-03	3.52E+00	0.00E+00	3.88E-10	1.30E-08	2.07E-03	6.30E-06	4.71E-03	0.00E+00	3.52E+00	9.95E-09	3.52E+00	3.53E+00	4.71E-03	0.00E+00	0.00E+00	0.00E+00	9.57E-04
M-DBLAG8540	1.75E-03	2.73E-01	0.00E+00	2.73E-01	0.00E+00	0.00E+00	1.80E-01	1.03E-07	8.15E-04	8.92E-03	0.00E+00	0.00E+00	4.80E-12	9.30E-11	6.65E-04	0.00E+00	0.00E+00	0.00E+00	2.41E-05	9.65E-03	3.82E+00	0.00E+00	4.20E-10	1.41E-08	2.24E-03	6.81E-06	5.11E-03	0.00E+00	3.82E+00	1.08E-08	3.82E+00	3.82E+00	5.11E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03
M-DBLAG8550	2.72E-03	4.25E-01	0.00E+00	4.25E-01	0.00E+00	0.00E+00	2.81E-01	1.61E-07	1.28E-03	1.40E-02	0.00E+00	0.00E+00	7.63E-12	1.48E-10	1.03E-03	0.00E+00	0.00E+00	0.00E+00	3.78E-05	1.52E-02	6.02E+00	0.00E+00	6.57E-10	2.23E-08	3.53E-03	1.08E-05	8.08E-03	0.00E+00	6.02E+00	1.70E-08	6.02E+00	5.97E+00	8.08E-03	0.00E+00	0.00E+00	0.00E+00	1.63E-03
M-DBLAG8560	3.63E-03	5.70E-01	0.00E+00	5.70E-01	0.00E+00	0.00E+00	3.73E-01	2.15E-07	1.69E-03	1.87E-02	0.00E+00	0.00E+00	1.01E-11	1.95E-10	1.39E-03	0.00E+00	0.00E+00	0.00E+00	5.06E-05	2.02E-02	8.02E+00	0.00E+00	8.76E-10	2.94E-08	4.75E-03	1.44E-05	1.07E-02	0.00E+00	8.02E+00	2.26E-08	8.02E+00	8.01E+00	1.07E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
M-DBLAG8580	5.44E-03	8.65E-01	0.00E+00	8.65E-01	0.00E+00	0.00E+00	5.67E-01	3.24E-07	2.57E-03	2.81E-02	0.00E+00	0.00E+00	1.51E-11	2.95E-10	2.11E-03	0.00E+00	0.00E+00	0.00E+00	7.63E-05	3.05E-02	1.20E+01	0.00E+00	1.33E-09	4.47E-08	7.12E-03	2.16E-05	1.61E-02	0.00E+00	1.20E+01	3.40E-08	1.20E+01	1.20E+01	1.61E-02	0.00E+00	0.00E+00	0.00E+00	3.28E-03
M-DBLAG90100	7.79E-03	1.23E+00	0.00E+00	1.23E+00	0.00E+00	0.00E+00	8.08E-01	4.61E-07	3.66E-03	4.02E-02	0.00E+00	0.00E+00	2.17E-11	4.19E-10	3.00E-03	0.00E+00	0.00E+00	0.00E+00	1.09E-04	4.32E-02	1.72E+01	0.00E+00	1.89E-09	6.35E-08	1.01E-02	3.08E-05	2.30E-02	0.00E+00	1.72E+01	4.84E-08	1.72E+01	1.72E+01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	4.67E-03
M-DBLAG9030	1.68E-03	2.64E-01	0.00E+00	2.64E-01	0.00E+00	0.00E+00	1.73E-01	9.90E-08	7.86E-04	8.61E-03	0.00E+00	0.00E+00	4.65E-12	9.00E-11	6.39E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-05	9.29E-03	3.68E+00	0.00E+00	4.06E-10	1.36E-08	2.17E-03	6.59E-06	4.93E-03	0.00E+00	3.68E+00	1.04E-08	3.68E+00	3.69E+00	4.93E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-03
M-DBLAG9040	1.91E-03	3.02E-01	0.00E+00	3.02E-01	0.00E+00	0.00E+00	1.96E-01	1.14E-07	8.96E-04	9.83E-03	0.00E+00	0.00E+00	5.33E-12	1.03E-10	7.33E-04	0.00E+00	0.00E+00	0.00E+00	2.68E-05	1.06E-02	4.21E+00	0.00E+00	4.62E-10	1.55E-08	2.49E-03	7.57E-06	5.61E-03	0.00E+00	4.21E+00	1.19E-08	4.21E+00	4.22E+00	5.61E-03	0.00E+00	0.00E+00	0.00E+00	1.14E-03
M-DBLAG9050	2.91E-03	4.53E-01	0.00E+00	4.53E-01	0.00E+00	0.00E+00	2.98E-01	1.71E-07	1.37E-03	1.49E-02	0.00E+00	0.00E+00	8.11E-12	1.57E-10	1.10E-03	0.00E+00	0.00E+00	0.00E+00	4.03E-05	1.60E-02	6.40E+00	0.00E+00	6.99E-10	2.36E-08	3.77E-03	1.14E-05	8.57E-03	0.00E+00	6.40E+00	1.81E-08	6.40E+00	6.35E+00	8.57E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-03
M-DBLAG9060	3.78E-03	5.92E-01	0.00E+00	5.92E-01	0.00E+00	0.00E+00	3.88E-01	2.23E-07	1.77E-03	1.94E-02	0.00E+00	0.00E+00	1.04E-11	2.02E-10	1.43E-03	0.00E+00	0.00E+00	0.00E+00	5.26E-05	2.10E-02	8.27E+00	0.00E+00	9.08E-10	3.05E-08	4.90E-03	1.49E-05	1.12E-02	0.00E+00	8.27E+00	2.34E-08	8.27E+00	8.35E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.26E-03
M-DBLAG9080	6.07E-03	9.46E-01	0.00E+00	9.46E-01	0.00E+00	0.00E+00	6.24E-01	3.57E-07	2.82E-03	3.10E-02	0.00E+00	0.00E+00	1.67E-11	3.23E-10	2.32E-03	0.00E+00	0.00E+00	0.00E+00	8.40E-05	3.33E-02	1.32E+01	0.00E+00	1.46E-09	4.91E-08	7.81E-03	2.38E-05	1.77E-02	0.00E+00	1.32E+01	3.74E-08	1.32E+01	1.33E+01	1.77E-02	0.00E+00	0.00E+00	0.00E+00	3.62E-03
M-DBLAG9090	6.76E-03	1.07E+00	0.00E+00	1.07E+00	0.00E+00	0.00E+00	7.04E-01	4.03E-07	3.19E-03	3.48E-02	0.00E+00	0.00E+00	1.89E-11	3.65E-10	2.62E-03	0.00E+00	0.00E+00	0.00E+00	9.47E-05	3.77E-02	1.50E+01	0.00E+00	1.63E-09	5.54E-08	8.83E-03	2.68E-05	2.00E-02	0.00E+00	1.50E+01	4.22E-08	1.50E+01	1.50E+01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	4.08E-03
M-DBLG10030	2.73E-03	4.25E-01	0.00E+00	4.25E-01	0.00E+00	0.00E+00	2.81E-01	1.61E-07	1.28E-03	1.40E-02	0.00E+00	0.00E+00	7.64E-12	1.48E-10	1.04E-03	0.00E+00	0.00E+00	0.00E+00	3.79E-05	1.52E-02	6.03E+00	0.00E+00	6.58E-10	2.24E-08	3.54E-03	1.08E-05	8.09E-03	0.00E+00	6.03E+00	1.70E-08	6.03E+00	5.99E+00	8.09E-03	0.00E+00	0.00E+00	0.00E+00	1.63E-03
M-DBLG10040	3.68E-03	5.79E-01	0.00E+00	5.79E-01	0.00E+00	0.00E+00	3.79E-01	2.18E-07	1.72E-03	1.90E-02	0.00E+00	0.00E+00	1.02E-11	1.97E-10	1.41E-03	0.00E+00	0.00E+00	0.00E+00	5.14E-05	2.05E-02	8.14E+00	0.00E+00	8.90E-10	2.97E-08	4.81E-03	1.46E-05	1.09E-02	0.00E+00	8.14E+00	2.29E-08	8.14E+00	8.15E+00	1.09E-02	0.00E+00	0.00E+00	0.00E+00	2.21E-03
M-DBLG10050	4.32E-03	6.80E-01	0.00E+00	6.80E-01	0.00E+00	0.00E+00	4.46E-01	2.56E-07	2.03E-03	2.24E-02	0.00E+00	0.00E+00	1.21E-11	2.34E-10	1.61E-03	0.00E+00	0.00E+00	0.00E+00	6.04E-05	2.39E-02	9.52E+00	0.00E+00	1.04E-09	3.52E-08	5.62E-03	1.70E-05	1.28E-02	0.00E+00	9.52E+00	2.70E-08	9.52E+00	9.61E+00	1.28E-02	0.00E+00	0.00E+00	0.00E+00	2.55E-03
M-DBLG10060	6.07E-03	9.46E-01	0.00E+00	9.46E-01	0.00E+00	0.00E+00	6.24E-01	3.57E-07	2.82E-03	3.10E-02	0.00E+00	0.00E+00	1.67E-11	3.23E-10	2.32E-03	0.00E+00	0.00E+00	0.00E+00	8.39E-05	3.34E-02	1.32E+01	0.00E+00	1.46E-09	4.91E-08	7.81E-03	2.38E-05	1.77E-02	0.00E+00	1.32E+01	3.74E-08	1.32E+01	1.33E+01	1.77E-02	0.00E+00	0.00E+00	0.00E+00	3.62E-03
M-DBLG10080	8.18E-03	1.29E+00	0.00E+00	1.29E+00	0.00E+00	0.00E+00	8.44E-01	4.84E-07	3.84E-03	4.21E-02	0.00E+00	0.00E+00	2.27E-11	4.39E-10	3.13E-03	0.00E+00	0.00E+00	0.00E+00	1.14E-04	4.54E-02	1.79E+01	0.00E+00	1.98E-09	6.60E-08	1.06E-02	3.24E-05	2.40E-02	0.00E+00	1.79E+01	5.07E-08	1.79E+01	1.81E+01	2.40E-02	0.00E+00	0.00E+00	0.00E+00	4.91E-03
M-DBLG11030	2.91E-03	4.53E-01	0.00E+00	4.53E-01	0.00E+00	0.00E+00	2.98E-01	1.71E-07	1.37E-03	1.49E-02	0.00E+00	0.00E+00	8.11E-12	1.57E-10	1.11E-03	0.00E+00	0.00E+00	0.00E+00	4.03E-05	1.61E-02	6.40E+00	0.00E+00	7.00E-10	2.38E-08	3.77E-03	1.14E-05	8.58E-03	0.00E+00	6.40E+00	1.81E-08	6.40E+00	6.36E+00	8.58E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-03
M-DBLG11040	3.95E-03	6.15E-01	0.00E+00	6.15E-01	0.00E+00	0.00E+00	4.03E-01	2.32E-07	1.85E-03	2.02E-02	0.00E+00	0.00E+00	1.09E-11	2.11E-10	1.47E-03	0.00E+00	0.00E+00	0.00E+00	5.44E-05	2.17E-02	8.66E+00	0.00E+00	9.41E-10	3.22E-08	5.08E-03	1.54E-05	1.17E-02	0.00E+00	8.66E+00	2.44E-08	8.66E+00	8.70E+00	1.17E-02	0.00E+00	0.00E+00	0.00E+00	2.35E-03
M-DBLG11050	5.42E-03	8.60E-01	0.00E+00	8.60E-01	0.00E+00	0.00E+00	5.63E-01	3.23E-07	2.55E-03	2.79E-02	0.00E+00	0.00E+00	1.50E-11	2.93E-10	2.10E-03	0.00E+00	0.00E+00	0.00E+00	7.58E-05	3.03E-02	1.20E+01	0.00E+00	1.33E-09	4.45E-08	7.07E-03	2.15E-05	1.60E-02	0.00E+00	1.20E+01	3.38E-08	1.20E+01	1.20E+01	1.60E-02	0.00E+00	0.00E+00	0.00E+00	3.26E-03
M-DBLG11060	6.47E-03	1.01E+00	0.00E+00	1.01E+00	0.00E+00	0.00E+00	6.64E-01	3.83E-07	3.04E-03	3.31E-02	0.00E+00	0.00E+00	1.79E-11	3.46E-10	2.48E-03	0.00E+00	0.00E+00	0.00E+00	8.99E-05	3.57E-02	1.43E+01	0.00E+00	1.56E-09	5.25E-08	8.34E-03	2.54E-05	1.90E-02	0.00E+00	1.43E+01	4.00E-08	1.43E+01	1.42E+01	1.90E-02	0.00E+00	0.00E+00	0.00E+00	3.85E-03
M-DBLG11080	8.87E-03	1.41E+00	0.00E+00	1.41E+00	0.00E+00	0.00E+00	9.21E-01	5.27E-07	4.18E-03	4.57E-02	0.00E+00	0.00E+00	2.47E-11	4.76E-10	3.41E-03	0.00E+00	0.00E+00	0.00E+00	1.25E-04	4.95E-02	1.96E+01	0.00E+00	2.15E-09	7.15E-08	1.16E-02	3.51E-05	2.61E-02	0.00E+00	1.96E+01	5.54E-08	1.96E+01	1.96E+01	2.61E-02	0.00E+00	0.00E+00	0.00E+00	5.36E-03
M-DBLG12030	3.16E-03	4.95E-01	0.00E+00	4.95E-01	0.00E+00	0.00E+00	3.26E-01	1.85E-07	1.48E-03	1.62E-02	0.00E+00	0.00E+00	8.81E-12	1.71E-10	1.20E-03	0.00E+00	0.00E+00	0.00E+00	4.39E-05	1.75E-02	6.94E+00	0.00E+00	7.61E-10	2.58E-08	4.09E-03	1.25E-05	9.26E-03	0.00E+00	6.94E+00	1.97E-08	6.94E+00	6.94E+00	9.26E-03	0.00E+00	0.00E+00	0.00E+00	1.88E-03
M-DBLG12040	3.97E-03	6.18E-01	0.00E+00	6.18E-01	0.00E+00	0.00E+00	4.05E-01	2.34E-07	1.86E-03	2.03E-02	0.00E+00	0.00E+00	1.09E-11	2.12E-10	1.48E-03	0.00E+00	0.00E+00	0.00E+00	5.47E-05	2.19E-02	8.70E+00	0.00E+00	9.48E-10	3.24E-08	5.12E-03	1.55E-05	1.16E-02	0.00E+00	8.70E+00	2.46E-08	8.70E+00	8.77E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	2.36E-03
M-DBLG12050	5.98E-03	8.70E-01	0.00E+00	8.70E-01	0.00E+00	0.00E+00	5.71E-01	3.28E-07	2.59E-03	2.83E-02	0.00E+00	0.00E+00	1.53E-11	2.97E-10	2.13E-03	0.00E+00	0.00E+00	0.00E+00	7.70E-05	3.08E-02	1.21E+01	0.00E+00	1.34E-09	4.50E-08	7.15E-03	2.18E-05	1.62E-02	0.00E+00	1.21E+01	3.43E-08	1.21E+01	1.22E+01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	3.31E-03
M-DBLG12060	7.12E-03	1.12E+00	0.00E+00	1.12E+00	0.00E+00	0.00E+00	7.33E-01	4.22E-07	3.34E-03	3.66E-02	0.00E+00	0.00E+00	1.97E-11	3.81E-10	2.72E-03	0.00E+00	0.00E+00	0.00E+00	9.92E-05	3.93E-02	1.57E+01	0.00E+00	1.72E-09	5.79E-08	9.23E-03	2.80E-05	2.10E-02	0.00E+00	1.57E+01	4.41E-08	1.57E+01	1.57E+01	2.10E-02	0.00E+00	0.00E+00	0.00E+00	4.25E-03
M-DBLG12080	9.82E-03	1.53E+00	0.00E+00	1.53E+00	0.00E+00	0.00E+00	1.00E+00	5.76E-07	4.57E-03	5.06E-02	0.00E+00	0.00E+00	2.71E-11	5.22E-10	3.74E-03	0.00E+00	0.00E+00	0.00E+00	1.37E-04	5.48E-02	2.13E+01	0.00E+00	2.37E-09	7.88E-08	1.27E-02	3.85E-05	2.86E-02	0.00E+00	2.13E+01	6.11E-08	2.13E+01	2.13E+01	2.86E-02	0.00E+00	0.00E+00	0.00E+00	5.89E-03
M-DBLG13030	3.53E-03	5.56E-01	0.00E+00	5.56E-01	0.00E+00	0.00E+00	3.64E-01	2.10E-07	1.65E-03	1.83E-02	0.00E+00	0.00E+00	9.84E-12	1.90E-10	1.35E-03	0.00E+00	0.00E+00	0.00E+00	4.94E-05	1.96E-02	7.81E+00	0.00E+00	8.54E-10	2.85E-08	4.64E-03	1.40E-05	1.04E-02	0.00E+00	7.81E+00	2.20E-08	7.81E+00	7.82E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00	2.13E-03
M-DBLG13040	4.72E-03	7.53E-01	0.00E+00	7.53E-01	0.00E+00	0.00E+00	4.84E-01	2.83E-07	2.24E-03	2.45E-02	0.00E+00	0.00E+00	1.33E-11	2.60E-10	1.77E-03	0.00E+00	0.00E+00	0.00E+00	6.65E-05	2.61E-02	1.05E+01	0.00E+00	1.15E-09	3.88E-08	6.19E-03	1.88E-05	1.41E-02	0.00E+00	1.05E+01	2.98E-08	1.05E+01	1.06E+01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	2.81E-03
M-DBLG13050	6.21E-03	9.75E-01	0.00E+00	9.75E-01	0.00E+00	0.00E+00	6.40E-01	3.67E-07	2.91E-03	3.18E-02	0.00E+00	0.00E+00	1.72E-11	3.32E-10	2.38E-03	0.00E+00	0.00E+00	0.00E+00	8.62E-05	3.44E-02	1.36E+01	0.00E+00	1.50E-09	5.04E-08	8.02E-03	2.44E-05	1.82E-02	0.00E+00	1.36E+01	3.84E-08	1.36E+01	1.36E+01	1.82E-02	0.00E+00	0.00E+00	0.00E+00	3.71E-03
M-DBLG13060	7.65E-03	1.21E+00	0.00E+00	1.21E+00	0.00E+00	0.00E+00	7.94E-01	4.55E-07	3.60E-03	3.96E-02	0.00E+00	0.00E+00	2.13E-11	4.12E-10	2.95E-03	0.00E+00	0.00E+00	0.00E+00	1.07E-04	4.24E-02	1.69E+01	0.00E+00	1.86E-09	6.25E-08	9.98E-03	3.04E-05	2.26E-02	0.00E+00	1.69E+01	4.77E-08	1.69E+01	1.70E+01	2.26E-02	0.00E+00

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MES-RS170901	1.97E-02	2.99E+00	0.00E+00	2.99E+00	0.00E+00	0.00E+00	2.00E+00	1.19E-06	9.10E-03	1.01E-01	0.00E+00	0.00E+00	5.39E-11	1.03E-09	7.44E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04	1.08E-01	4.29E+01	0.00E+00	4.65E-09	1.58E-07	2.50E-02	7.76E-05	5.81E-02	0.00E+00	4.29E+01	1.21E-07	4.29E+01	4.36E+01	5.81E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-02
MES-RS170902	2.85E-02	4.58E+00	0.00E+00	4.58E+00	0.00E+00	0.00E+00	3.00E+00	1.74E-06	1.38E-02	1.45E-01	0.00E+00	0.00E+00	8.19E-11	1.52E-09	1.15E-02	0.00E+00	0.00E+00	0.00E+00	4.08E-04	1.62E-01	6.40E+01	0.00E+00	6.97E-09	2.33E-07	3.81E-02	1.14E-04	8.57E-02	0.00E+00	6.40E+01	1.80E-07	6.40E+01	6.63E+01	8.57E-02	0.00E+00	0.00E+00	0.00E+00	1.71E-02
MES-RS1801001	1.99E-02	3.04E+00	0.00E+00	3.04E+00	0.00E+00	0.00E+00	2.03E+00	1.17E-06	9.22E-03	1.02E-01	0.00E+00	0.00E+00	5.46E-11	1.04E-09	7.56E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04	1.10E-01	4.36E+01	0.00E+00	4.71E-09	1.60E-07	2.53E-02	7.86E-05	5.90E-02	0.00E+00	4.36E+01	1.22E-07	4.36E+01	4.42E+01	5.90E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-02
MES-RS1801002	3.06E-02	4.80E+00	0.00E+00	4.80E+00	0.00E+00	0.00E+00	3.14E+00	1.84E-06	1.44E-02	1.53E-01	0.00E+00	0.00E+00	8.63E-11	1.61E-09	1.19E-02	0.00E+00	0.00E+00	0.00E+00	4.29E-04	1.70E-01	6.71E+01	0.00E+00	7.31E-09	2.47E-07	3.98E-02	1.20E-04	8.94E-02	0.00E+00	6.71E+01	1.90E-07	6.71E+01	6.95E+01	8.94E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-02
MES-RS180301	1.88E-02	2.85E+00	0.00E+00	2.85E+00	0.00E+00	0.00E+00	1.89E+00	1.10E-06	8.62E-03	9.51E-02	0.00E+00	0.00E+00	5.11E-11	9.84E-10	7.09E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04	1.04E-01	4.07E+01	0.00E+00	4.42E-09	1.51E-07	2.39E-02	7.34E-05	5.54E-02	0.00E+00	4.07E+01	1.15E-07	4.07E+01	4.16E+01	5.54E-02	0.00E+00	0.00E+00	0.00E+00	1.09E-02
MES-RS180302	2.74E-02	4.31E+00	0.00E+00	4.31E+00	0.00E+00	0.00E+00	2.85E+00	1.64E-06	1.31E-02	1.39E-01	0.00E+00	0.00E+00	7.72E-11	1.45E-09	1.10E-02	0.00E+00	0.00E+00	0.00E+00	3.87E-04	1.54E-01	6.09E+01	0.00E+00	6.58E-09	2.21E-07	3.58E-02	1.09E-04	8.06E-02	0.00E+00	6.09E+01	1.70E-07	6.09E+01	6.29E+01	8.06E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-02
MES-RS180351	1.87E-02	2.84E+00	0.00E+00	2.84E+00	0.00E+00	0.00E+00	1.88E+00	1.09E-06	8.61E-03	9.44E-02	0.00E+00	0.00E+00	5.10E-11	9.79E-10	7.06E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04	1.04E-01	4.05E+01	0.00E+00	4.39E-09	1.51E-07	2.37E-02	7.29E-05	5.52E-02	0.00E+00	4.05E+01	1.15E-07	4.05E+01	4.12E+01	5.52E-02	0.00E+00	0.00E+00	0.00E+00	1.09E-02
MES-RS180401	1.88E-02	2.85E+00	0.00E+00	2.85E+00	0.00E+00	0.00E+00	1.89E+00	1.10E-06	8.62E-03	9.51E-02	0.00E+00	0.00E+00	5.11E-11	9.84E-10	7.09E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04	1.04E-01	4.07E+01	0.00E+00	4.42E-09	1.51E-07	2.39E-02	7.34E-05	5.54E-02	0.00E+00	4.07E+01	1.15E-07	4.07E+01	4.16E+01	5.54E-02	0.00E+00	0.00E+00	0.00E+00	1.09E-02
MES-RS180402	2.74E-02	4.31E+00	0.00E+00	4.31E+00	0.00E+00	0.00E+00	2.85E+00	1.64E-06	1.31E-02	1.39E-01	0.00E+00	0.00E+00	7.72E-11	1.45E-09	1.10E-02	0.00E+00	0.00E+00	0.00E+00	3.87E-04	1.54E-01	6.09E+01	0.00E+00	6.58E-09	2.21E-07	3.58E-02	1.09E-04	8.06E-02	0.00E+00	6.09E+01	1.70E-07	6.09E+01	6.29E+01	8.06E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-02
MES-RS180501	1.90E-02	2.89E+00	0.00E+00	2.89E+00	0.00E+00	0.00E+00	1.92E+00	1.11E-06	8.74E-03	9.65E-02	0.00E+00	0.00E+00	5.18E-11	9.98E-10	7.17E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04	1.06E-01	4.12E+01	0.00E+00	4.48E-09	1.53E-07	2.42E-02	7.44E-05	5.62E-02	0.00E+00	4.12E+01	1.17E-07	4.12E+01	4.21E+01	5.62E-02	0.00E+00	0.00E+00	0.00E+00	1.10E-02
MES-RS180502	2.85E-02	4.58E+00	0.00E+00	4.58E+00	0.00E+00	0.00E+00	3.00E+00	1.74E-06	1.38E-02	1.45E-01	0.00E+00	0.00E+00	8.19E-11	1.52E-09	1.15E-02	0.00E+00	0.00E+00	0.00E+00	4.08E-04	1.62E-01	6.40E+01	0.00E+00	6.97E-09	2.33E-07	3.81E-02	1.14E-04	8.57E-02	0.00E+00	6.40E+01	1.80E-07	6.40E+01	6.63E+01	8.57E-02	0.00E+00	0.00E+00	0.00E+00	1.71E-02
MES-RS180601	1.97E-02	2.99E+00	0.00E+00	2.99E+00	0.00E+00	0.00E+00	2.00E+00	1.19E-06	9.10E-03	1.01E-01	0.00E+00	0.00E+00	5.39E-11	1.03E-09	7.44E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04	1.08E-01	4.29E+01	0.00E+00	4.65E-09	1.58E-07	2.50E-02	7.76E-05	5.81E-02	0.00E+00	4.29E+01	1.21E-07	4.29E+01	4.36E+01	5.81E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-02
MES-RS180602	2.85E-02	4.58E+00	0.00E+00	4.58E+00	0.00E+00	0.00E+00	3.00E+00	1.74E-06	1.38E-02	1.45E-01	0.00E+00	0.00E+00	8.19E-11	1.52E-09	1.15E-02	0.00E+00	0.00E+00	0.00E+00	4.08E-04	1.62E-01	6.40E+01	0.00E+00	6.97E-09	2.33E-07	3.81E-02	1.14E-04	8.57E-02	0.00E+00	6.40E+01	1.80E-07	6.40E+01	6.63E+01	8.57E-02	0.00E+00	0.00E+00	0.00E+00	1.71E-02
MES-RS180801	1.97E-02	3.00E+00	0.00E+00	3.00E+00	0.00E+00	0.00E+00	2.00E+00	1.19E-06	9.10E-03	1.01E-01	0.00E+00	0.00E+00	5.39E-11	1.03E-09	7.45E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04	1.08E-01	4.29E+01	0.00E+00	4.65E-09	1.58E-07	2.50E-02	7.77E-05	5.81E-02	0.00E+00	4.29E+01	1.21E-07	4.29E+01	4.36E+01	5.81E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-02
MES-RS180802	2.95E-02	4.70E+00	0.00E+00	4.70E+00	0.00E+00	0.00E+00	3.08E+00	1.80E-06	1.42E-02	1.50E-01	0.00E+00	0.00E+00	8.42E-11	1.57E-09	1.17E-02	0.00E+00	0.00E+00	0.00E+00	4.20E-04	1.67E-01	6.57E+01	0.00E+00	7.17E-09	2.40E-07	3.91E-02	1.17E-04	8.81E-02	0.00E+00	6.57E+01	1.86E-07	6.57E+01	6.81E+01	8.81E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-02
MES-RS180901	1.97E-02	3.00E+00	0.00E+00	3.00E+00	0.00E+00	0.00E+00	2.00E+00	1.19E-06	9.10E-03	1.01E-01	0.00E+00	0.00E+00	5.39E-11	1.03E-09	7.45E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04	1.08E-01	4.29E+01	0.00E+00	4.65E-09	1.58E-07	2.50E-02	7.77E-05	5.81E-02	0.00E+00	4.29E+01	1.21E-07	4.29E+01	4.36E+01	5.81E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-02
MES-RS180902	2.95E-02	4.70E+00	0.00E+00	4.70E+00	0.00E+00	0.00E+00	3.08E+00	1.80E-06	1.42E-02	1.50E-01	0.00E+00	0.00E+00	8.42E-11	1.57E-09	1.17E-02	0.00E+00	0.00E+00	0.00E+00	4.20E-04	1.67E-01	6.57E+01	0.00E+00	7.17E-09	2.40E-07	3.91E-02	1.17E-04	8.81E-02	0.00E+00	6.57E+01	1.86E-07	6.57E+01	6.81E+01	8.81E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-02
MES-RS1901001	2.00E-02	3.04E+00	0.00E+00	3.04E+00	0.00E+00	0.00E+00	2.03E+00	1.17E-06	9.24E-03	1.02E-01	0.00E+00	0.00E+00	5.46E-11	1.05E-09	7.57E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04	1.10E-01	4.36E+01	0.00E+00	4.71E-09	1.61E-07	2.53E-02	7.86E-05	5.91E-02	0.00E+00	4.36E+01	1.22E-07	4.36E+01	4.42E+01	5.91E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-02
MES-RS1901002	3.06E-02	4.80E+00	0.00E+00	4.80E+00	0.00E+00	0.00E+00	3.14E+00	1.84E-06	1.44E-02	1.53E-01	0.00E+00	0.00E+00	8.63E-11	1.61E-09	1.19E-02	0.00E+00	0.00E+00	0.00E+00	4.29E-04	1.70E-01	6.71E+01	0.00E+00	7.31E-09	2.47E-07	3.98E-02	1.20E-04	8.94E-02	0.00E+00	6.71E+01	1.90E-07	6.71E+01	6.95E+01	8.94E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-02
MES-RS190301	1.90E-02	2.89E+00	0.00E+00	2.89E+00	0.00E+00	0.00E+00	1.92E+00	1.11E-06	8.74E-03	9.65E-02	0.00E+00	0.00E+00	5.18E-11	9.98E-10	7.17E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04	1.06E-01	4.12E+01	0.00E+00	4.48E-09	1.53E-07	2.42E-02	7.44E-05	5.62E-02	0.00E+00	4.12E+01	1.17E-07	4.12E+01	4.21E+01	5.62E-02	0.00E+00	0.00E+00	0.00E+00	1.10E-02
MES-RS190302	2.85E-02	4.58E+00	0.00E+00	4.58E+00	0.00E+00	0.00E+00	3.00E+00	1.74E-06	1.38E-02	1.45E-01	0.00E+00	0.00E+00	8.19E-11	1.52E-09	1.15E-02	0.00E+00	0.00E+00	0.00E+00	4.08E-04	1.62E-01	6.40E+01	0.00E+00	6.97E-09	2.33E-07	3.81E-02	1.14E-04	8.57E-02	0.00E+00	6.40E+01	1.80E-07	6.40E+01	6.63E+01	8.57E-02	0.00E+00	0.00E+00	0.00E+00	1.71E-02
MES-RS190401	1.90E-02	2.89E+00	0.00E+00	2.89E+00	0.00E+00	0.00E+00	1.92E+00	1.11E-06	8.74E-03	9.65E-02	0.00E+00	0.00E+00	5.18E-11	9.98E-10	7.17E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04	1.06E-01	4.12E+01	0.00E+00	4.48E-09	1.53E-07	2.42E-02	7.44E-05	5.62E-02	0.00E+00	4.12E+01	1.17E-07	4.12E+01	4.21E+01	5.62E-02	0.00E+00	0.00E+00	0.00E+00	1.10E-02
MES-RS190402	2.85E-02	4.58E+00	0.00E+00	4.58E+00	0.00E+00	0.00E+00	3.00E+00	1.74E-06	1.38E-02	1.45E-01	0.00E+00	0.00E+00	8.19E-11	1.52E-09	1.15E-02	0.00E+00	0.00E+00	0.00E+00	4.08E-04	1.62E-01	6.40E+01	0.00E+00	6.97E-09	2.33E-07	3.81E-02	1.14E-04	8.57E-02	0.00E+00	6.40E+01	1.80E-07	6.40E+01	6.63E+01	8.57E-02	0.00E+00	0.00E+00	0.00E+00	1.71E-02
MES-RS190501	1.97E-02	2.99E+00	0.00E+00	2.99E+00	0.00E+00	0.00E+00	2.00E+00	1.19E-06	9.10E-03	1.01E-01	0.00E+00	0.00E+00	5.39E-11	1.03E-09	7.44E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04	1.08E-01	4.29E+01	0.00E+00	4.65E-09	1.58E-07	2.50E-02	7.76E-05	5.81E-02	0.00E+00	4.29E+01	1.21E-07	4.29E+01	4.36E+01	5.81E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-02
MES-RS190502	2.95E-02	4.70E+00	0.00E+00	4.70E+00	0.00E+00	0.00E+00	3.08E+00	1.80E-06	1.42E-02	1.50E-01	0.00E+00	0.00E+00	8.42E-11	1.57E-09	1.17E-02	0.00E+00	0.00E+00	0.00E+00	4.20E-04	1.67E-01	6.57E+01	0.00E+00	7.17E-09	2.40E-07	3.91E-02	1.17E-04	8.81E-02	0.00E+00	6.57E+01	1.86E-07	6.57E+01	6.81E+01	8.81E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-02
MES-RS190601	1.99E-02	3.04E+00	0.00E+00	3.04E+00	0.00E+00	0.00E+00	2.03E+00	1.17E-06	9.22E-03	1.02E-01	0.00E+00	0.00E+00	5.46E-11	1.04E-09	7.56E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04	1.10E-01	4.36E+01	0.00E+00	4.71E-09	1.60E-07	2.53E-02	7.86E-05	5.90E-02	0.00E+00	4.36E+01	1.22E-07	4.36E+01	4.42E+01	5.90E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-02
MES-RS190602	2.95E-02	4.70E+00	0.00E+00	4.70E+00	0.00E+00	0.00E+00	3.08E+00	1.80E-06	1.42E-02	1.50E-01	0.00E+00	0.00E+00	8.42E-11	1.57E-09	1.17E-02	0.00E+00	0.00E+00	0.00E+00	4.20E-04	1.67E-01	6.57E+01	0.00E+00	7.17E-09	2.40E-07	3.91E-02	1.17E-04	8.81E-02	0.00E+00	6.57E+01	1.86E-07	6.57E+01	6.81E+01	8.81E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-02
MES-RS190801	2.00E-02	3.04E+00	0.00E+00	3.04E+00	0.00E+00	0.00E+00	2.03E+00	1.17E-06	9.24E-03	1.02E-01	0.00E+00	0.00E+00	5.46E-11	1.05E-09	7.57E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04	1.10E-01	4.36E+01	0.00E+00	4.71E-09	1.61E-07	2.53E-02	7.86E-05	5.91E-02	0.00E+00	4.36E+01	1.22E-07	4.36E+01	4.42E+01	5.91E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-02
MES-RS190802	3.06E-02	4.80E+00	0.00E+00	4.80E+00	0.00E+00	0.00E+00	3.14E+00	1.84E-06	1.44E-02	1.53E-01	0.00E+00	0.00E+00	8.63E-11	1.61E-09	1.19E-02	0.00E+00	0.00E+00	0.00E+00	4.29E-04	1.70E-01	6.71E+01	0.00E+00	7.31E-09	2.47E-07	3.98E-02	1.20E-04	8.94E-02	0.00E+00	6.71E+01	1.90E-07	6.71E+01	6.95E+01	8.94E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-02
MES-RS190901	2.00E-02	3.04E+00	0.00E+00	3.04E+00	0.00E+00	0.00E+00	2.03E+00	1.17E-06	9.24E-03	1.02E-01	0.00E+00	0.00E+00	5.46E-11	1.05E-09	7.57E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04	1.10E-01	4.36E+01	0.00E+00	4.71E-09	1.61E-07	2.53E-02	7.86E-05	5.91E-02	0.00E+00	4.36E+01	1.22E-07	4.36E+01	4.42E+01	5.91E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-02
MES-RS190902	3.06E-02	4.80E+00	0.00E+00	4.80E+00	0.00E+00	0.00E+00	3.14E+00	1.84E-06	1.44E-02	1.53E-01	0.00E+00	0.00E+00	8.63E-11	1.61E-09	1.19E-02	0.00E+00	0.00E+00	0.00E+00	4.29E-04	1.70E-01	6.71E+01	0.00E+00	7.31E-09	2.47E-07	3.98E-02	1.20E-04	8.94E-02	0.00E+00	6.71E+01	1.90E-07	6.71E+01	6.95E+01	8.94E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-02
MES-RS2001001	2.19E-02	3.47E+00	0.00E+00	3.47E+00	0.00E+00	0.00E+00	2.31E+00	1.32E-06	1.04E-02	1.15E-01	0.00E+00	0.00E+00	6.12E-11	1.18E-09	8.73E-03	0.00E+00	0.00E+00	0.00E+00	3.03E-04	1.25E-01	4.91E+01	0.00E+00	5.24E-09	1.80E-07	2.90E-02	8.83E-05	6.58E-02	0.00E+00	4.91E+01	1.36E-07	4.91E+01	4.97E+01	6.58E-02	0.00E+00	0.00E+00	0.00E+00	1.33E-02
MES-RS2001002	3.11E-02	4.89E+00	0.00E+00	4.89E+00	0.00E+00	0.00E+00	3.20E+00	1.87E-06	1.46E-02	1.55E-01	0.00E+00	0.00E+00	8.73E-11	1.64E-09	1.20E-02	0.00E+00	0.00E+00	0.00E+00	4.33E-04	1.70E-01	6.73E+01	0.00E+00	7.37E-09	2.52E-07	4.02E-02	1.22E-04	8.95E-02	0.00E+00	6.73E+01	1.92E-07	6.73E+01	7.03E+01	8.95E-02	0.00E+00	0.00E+00	0.00E+00	1.85E-02
MES-RS200301	1.97E-02	2.99E+00	0.00E+00	2.99E+00	0.00E+00	0.00E+00	2.00E+00	1.19E-06	9.10E-03	1.01E-01	0.00E+00	0.00E+00	5.39E-11	1.03E-09	7.44E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04	1.08E-01	4.29E+01	0.00E+00	4.65E-09	1.58E-07	2.50E-02	7.76E-05	5.81E-02	0.00E+00	4.29E+01	1.21E-07	4.29E+01	4.36E+01	5.81E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-02
MES-RS200302	2.94E-02	4.70E+00	0.00E+00	4.70E+00	0.00E+00	0.00E+00	3.06E+00	1.80E-06	1.41E-02	1.50E-01	0.00E+00	0.00E+00	8.41E-11	1.56E-09	1.16E-02	0.00E+00	0.00E+00	0.00E+00	4.19E-04	1.66E-01	6.55E+01	0.00E+00	7.19E-09	2.38E-07	3.90E-02	1.18E-04	8.72E-02	0.00E+00	6.55E+01	1.85E-07	6.55E+01	6.80E+01	8.72E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-02
MES-RS200401	1.97E-02	3.00E+00	0.00E+00	3.00E+00	0.00E+00	0.00E+00	2.00E+00	1.19E-06	9.10E-03	1.01E-01	0.00E+00	0.00E+00	5.39E-11	1.03E-09	7.45E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04	1.08E-01	4.29E+01	0.00E+00	4.65E-09	1.58E-07	2.50E-02	7.77E-05	5.81E-02	0.00E+00	4.29E+01	1.21E-07	4.29E+01	4.36E+01	5.81E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-02
MES-RS200402	3.05E-02	4.80E+00	0.00E+00	4.80E+00	0.00E+00	0.00E+00	3.12E+00	1.84E-06	1.43E-02	1.53E-01	0.00E+00	0.00E+00	8.62E-11	1.61E-09	1.17E-02	0.00E+00	0.00E+00	0.00E+00	4.28E-04	1.69E-01	6.69E+01	0.00E+00	7.32E-09	2.46E-07	3.96E-02	1.20E-04	8.85E-02	0.00E+00	6.69E+01	1.88E-07	6.69E+01	6.95E+01	8.85E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-02
MES-RS200501	1.97E-02	3.00E+00	0.00E+00	3.00E+00	0.00E+00	0.00E+00	2.00E+00	1.19E-06	9.10E-03	1.01E-01	0.00E+00	0.00E+00	5.39E-11	1.03E-09	7.45E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04	1.08E-01	4.29E+01	0.00E+00	4.65E-09	1.58E-07	2.50E-02	7.77E-05	5.81E-02	0.00E+00	4.29E+01	1.21E-07	4.29E+01	4.36E+01	5.81E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-02
MES-RS200502	3.05E-02	4.80E+00	0.00E+00	4.80E+00	0.00E+00	0.00E+00	3.12E+00	1.84E-06	1.43E-02	1.53E-01	0.00E+00	0.00E+00	8.62E-11	1.61E-09	1.17E-02	0.00E+00	0.00E+00	0.00E+00	4.28E-04	1.69E-01	6.69E+01	0.00E+00	7.32E-09	2.46E-07	3.96E-02	1.20E-04	8.85E-02	0.00E+00	6.69E+01	1.88E-07	6.69E+01	6.95E+01	8.85E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-02
MES-RS200601	2.00E-02	3.04E+00	0.00E+00	3.04E+00	0.00E+00	0.00E+00	2.03E+00	1.17E-06	9.24E-03	1.02E-01	0.00E+00	0.00E+00	5.46E-11	1.05E-09	7.57E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04	1.10E-01	4.36E+01	0.00E+00	4.71E-09	1.61E-07	2.53E-02	7.86E-05	5.91E-02	0.00E+00	4.36E+01	1.22E-07	4.36E+01	4.42E+01	5.91E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-02
MES-RS200602	3.05E-02	4.80E+00	0.00E+00	4.80E+00	0.00E+00	0.00E+00	3.12E+00	1.84E-06	1.43E-02	1.53E-01	0.00E+00	0.00E+00	8.62E-11	1.61E-09	1.17E-02	0.00E+00	0.00E+00	0.00E+00	4.28E-04	1.69E-01	6.69E+01	0.00E+00	7.32E-09	2.46E-07	3.96E-02	1.20E-04	8.85E-02	0.00E+00	6.69E+01	1.88E-07	6.69E+01	6.95E+01	8.85E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-02
MES-RS200801	2.00E-02	3.04E+00	0.00E+00	3.04E+00	0.00E+00	0.00E+00	2.03E+00	1.17E-06	9.24E-03	1.02E-01	0.00E+00	0.00E+00	5.46E-11	1.05E-09	7.57E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04	1.10E-01	4.36E+01	0.00E+00	4.71E-09	1.61E-07	2.53E-02	7.86E-05	5.91E-02	0.00E+00	4.36E+01	1.22E-07	4.36E+01	4.42E+01	5.91E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-02
MES-RS200802	3.10E-02	4.83E+00	0.00E+00	4.83E+00	0.00E+00	0.00E+00	3.17E+00	1.86E-06	1.45E-02	1.54E-01	0.00E+00	0.00E+00	8.71E-11	1.63E-09	1.19E-02	0.00E+00	0.00E+00	0.00E+00	4.30E-04	1.69E-01	6.72E+01	0.00E+00	7.34E-09	2.50E-07	3.99E-02	1.21E-04	8.91E-02	0.00E+00	6.72E+01	1.91E-07	6.72E+01	7.00E+01	8.91E-02	0.00E+00	0.00E+00	0.00E+00	1.84E-02
MES-RS200901	2.00E-02	3.04E+00	0.00E+00	3.04E+00	0.00E+00	0.00E+00	2.03E+00	1.17E-06	9.24E-03	1.02E-01	0.00E+00	0.00E+00	5.46E-11	1.05E-09	7.57E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04	1.10E-01	4.36E+01	0.00E+00	4.71E-09	1.61E-07	2.53E-02	7.86E-05	5.91E-02	0.00E+00	4.36E+01	1.22E-07	4.36E+01	4.42E+01	5.91E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-02
MES-RS200902	3.10E-02	4.83E+00	0.00E+00	4.83E+00	0.00E+00	0.00E+00	3.17E+00	1.86E-06	1.45E-02	1.54E-01	0.00E+00	0.00E+00	8.71E-11	1.63E-09	1.19E-02	0.00E+00	0.00E+00	0.00E+00	4.30E-04	1.69E-01	6.72E+01	0.00E+00	7.34E-09	2.50E-07	3.99E-02	1.21E-04	8.91E-02	0.00E+00	6.72E+01	1.91E-07	6.72E+01	7.00E+01	8.91E-02	0.00E+00	0.00E+00	0.00E+00	1.84E-02
MES-RS2101001	2.67E-02	4.17E+00	0.00E+00	4.17E+00	0.00E+00	0.00E+00	2.74E+00	1.59E-06	1.27E-02	1.34E-01	0.00E+00	0.00E+00	7.49E-11	1.41E-09	1.07E-02	0.00E+00	0.00E+00	0.00E+00	3.75E-04	1.50E-01	5.91E+01	0.00E+00	6.37E-09	2.14E-07	3.47E-02	1.06E-04	7.83E-02	0.00E+00	5.91E+01	1.64E-07	5.91E+01	6.10E+01	7.83E-02	0.00E+00	0.00E+00	0.00E+00	1.61E-02
MES-RS2101002	3.11E-02	4.89E+00	0.00E+00

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MES-RS60301	7.03E-03	1.11E+00	0.00E+00	1.11E+00	0.00E+00	0.00E+00	7.26E-01	4.16E-07	3.29E-03	3.66E-02	0.00E+00	0.00E+00	1.96E-11	3.77E-10	2.70E-03	0.00E+00	0.00E+00	0.00E+00	9.80E-05	3.88E-02	1.56E+01	0.00E+00	1.71E-09	5.82E-09	9.20E-03	2.80E-05	2.09E-02	0.00E+00	1.56E+01	4.40E-08	1.56E+01	1.57E+01	2.09E-02	0.00E+00	0.00E+00	0.00E+00	4.20E-03
MES-RS60302	8.32E-03	1.30E+00	0.00E+00	1.30E+00	0.00E+00	0.00E+00	8.55E-01	4.91E-07	3.88E-03	4.30E-02	0.00E+00	0.00E+00	2.31E-11	4.45E-10	3.15E-03	0.00E+00	0.00E+00	0.00E+00	1.15E-04	4.59E-02	1.83E+01	0.00E+00	2.01E-09	6.79E-09	1.08E-02	3.29E-05	2.46E-02	0.00E+00	1.83E+01	5.17E-08	1.83E+01	1.84E+01	2.46E-02	0.00E+00	0.00E+00	0.00E+00	4.98E-03
MES-RS60351	7.34E-03	1.16E+00	0.00E+00	1.16E+00	0.00E+00	0.00E+00	7.56E-01	4.33E-07	3.44E-03	3.83E-02	0.00E+00	0.00E+00	2.06E-11	3.95E-10	2.82E-03	0.00E+00	0.00E+00	0.00E+00	1.02E-04	4.06E-02	1.63E+01	0.00E+00	1.79E-09	6.05E-09	9.60E-03	2.92E-05	2.18E-02	0.00E+00	1.63E+01	4.59E-08	1.63E+01	1.63E+01	2.18E-02	0.00E+00	0.00E+00	0.00E+00	4.38E-03
MES-RS60401	7.37E-03	1.16E+00	0.00E+00	1.16E+00	0.00E+00	0.00E+00	7.59E-01	4.37E-07	3.45E-03	3.84E-02	0.00E+00	0.00E+00	2.08E-11	3.96E-10	2.83E-03	0.00E+00	0.00E+00	0.00E+00	1.03E-04	4.07E-02	1.64E+01	0.00E+00	1.80E-09	6.08E-09	9.63E-03	2.92E-05	2.19E-02	0.00E+00	1.64E+01	4.61E-08	1.64E+01	1.64E+01	2.19E-02	0.00E+00	0.00E+00	0.00E+00	4.40E-03
MES-RS60402	8.72E-03	1.39E+00	0.00E+00	1.39E+00	0.00E+00	0.00E+00	9.04E-01	5.20E-07	4.12E-03	4.55E-02	0.00E+00	0.00E+00	2.44E-11	4.72E-10	3.32E-03	0.00E+00	0.00E+00	0.00E+00	1.23E-04	4.84E-02	1.94E+01	0.00E+00	2.12E-09	7.09E-09	1.14E-02	3.49E-05	2.60E-02	0.00E+00	1.94E+01	5.49E-08	1.94E+01	1.95E+01	2.60E-02	0.00E+00	0.00E+00	0.00E+00	5.24E-03
MES-RS60501	7.77E-03	1.23E+00	0.00E+00	1.23E+00	0.00E+00	0.00E+00	8.05E-01	4.61E-07	3.65E-03	4.04E-02	0.00E+00	0.00E+00	2.17E-11	4.18E-10	2.99E-03	0.00E+00	0.00E+00	0.00E+00	1.09E-04	4.31E-02	1.73E+01	0.00E+00	1.90E-09	6.43E-09	1.02E-02	3.09E-05	2.30E-02	0.00E+00	1.73E+01	4.87E-08	1.73E+01	1.73E+01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	4.67E-03
MES-RS60502	9.30E-03	1.47E+00	0.00E+00	1.47E+00	0.00E+00	0.00E+00	9.62E-01	5.52E-07	4.39E-03	4.85E-02	0.00E+00	0.00E+00	2.60E-11	5.01E-10	3.56E-03	0.00E+00	0.00E+00	0.00E+00	1.30E-04	5.16E-02	2.06E+01	0.00E+00	2.26E-09	7.56E-09	1.21E-02	3.72E-05	2.76E-02	0.00E+00	2.06E+01	5.85E-08	2.06E+01	2.06E+01	2.76E-02	0.00E+00	0.00E+00	0.00E+00	5.56E-03
MES-RS60601	8.62E-03	1.36E+00	0.00E+00	1.36E+00	0.00E+00	0.00E+00	8.92E-01	5.11E-07	4.05E-03	4.48E-02	0.00E+00	0.00E+00	2.40E-11	4.64E-10	3.28E-03	0.00E+00	0.00E+00	0.00E+00	1.20E-04	4.78E-02	1.91E+01	0.00E+00	2.09E-09	7.02E-09	1.13E-02	3.44E-05	2.55E-02	0.00E+00	1.91E+01	5.38E-08	1.91E+01	1.91E+01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	5.17E-03
MES-RS60602	1.01E-02	1.58E+00	0.00E+00	1.58E+00	0.00E+00	0.00E+00	1.03E+00	5.91E-07	4.70E-03	5.19E-02	0.00E+00	0.00E+00	2.78E-11	5.36E-10	3.83E-03	0.00E+00	0.00E+00	0.00E+00	1.41E-04	5.62E-02	2.21E+01	0.00E+00	2.45E-09	8.17E-09	1.30E-02	3.99E-05	2.96E-02	0.00E+00	2.21E+01	6.29E-08	2.21E+01	2.22E+01	2.96E-02	0.00E+00	0.00E+00	0.00E+00	6.01E-03
MES-RS60801	9.62E-03	1.51E+00	0.00E+00	1.51E+00	0.00E+00	0.00E+00	9.91E-01	5.68E-07	4.50E-03	5.00E-02	0.00E+00	0.00E+00	2.67E-11	5.13E-10	3.68E-03	0.00E+00	0.00E+00	0.00E+00	1.34E-04	5.36E-02	2.11E+01	0.00E+00	2.34E-09	7.82E-09	1.25E-02	3.83E-05	2.83E-02	0.00E+00	2.11E+01	6.01E-08	2.11E+01	2.12E+01	2.83E-02	0.00E+00	0.00E+00	0.00E+00	5.77E-03
MES-RS60802	1.01E-02	1.59E+00	0.00E+00	1.59E+00	0.00E+00	0.00E+00	1.04E+00	5.98E-07	4.74E-03	5.22E-02	0.00E+00	0.00E+00	2.80E-11	5.40E-10	3.87E-03	0.00E+00	0.00E+00	0.00E+00	1.41E-04	5.65E-02	2.23E+01	0.00E+00	2.46E-09	8.25E-09	1.31E-02	4.03E-05	2.99E-02	0.00E+00	2.23E+01	6.33E-08	2.23E+01	2.23E+01	2.99E-02	0.00E+00	0.00E+00	0.00E+00	6.05E-03
MES-RS60901	1.01E-02	1.58E+00	0.00E+00	1.58E+00	0.00E+00	0.00E+00	1.03E+00	5.91E-07	4.70E-03	5.19E-02	0.00E+00	0.00E+00	2.78E-11	5.36E-10	3.84E-03	0.00E+00	0.00E+00	0.00E+00	1.41E-04	5.62E-02	2.21E+01	0.00E+00	2.45E-09	8.15E-09	1.30E-02	3.99E-05	2.96E-02	0.00E+00	2.21E+01	6.29E-08	2.21E+01	2.22E+01	2.96E-02	0.00E+00	0.00E+00	0.00E+00	6.01E-03
MES-RS60902	1.15E-02	1.84E+00	0.00E+00	1.84E+00	0.00E+00	0.00E+00	1.19E+00	6.90E-07	5.45E-03	5.99E-02	0.00E+00	0.00E+00	3.29E-11	6.29E-10	4.42E-03	0.00E+00	0.00E+00	0.00E+00	1.65E-04	6.52E-02	2.57E+01	0.00E+00	2.89E-09	9.51E-09	1.53E-02	4.64E-05	3.44E-02	0.00E+00	2.57E+01	7.24E-08	2.57E+01	2.63E+01	3.44E-02	0.00E+00	0.00E+00	0.00E+00	7.18E-03
MES-RS701001	1.15E-02	1.84E+00	0.00E+00	1.84E+00	0.00E+00	0.00E+00	1.19E+00	6.90E-07	5.45E-03	5.99E-02	0.00E+00	0.00E+00	3.29E-11	6.29E-10	4.42E-03	0.00E+00	0.00E+00	0.00E+00	1.65E-04	6.52E-02	2.57E+01	0.00E+00	2.89E-09	9.51E-09	1.53E-02	4.64E-05	3.44E-02	0.00E+00	2.57E+01	7.24E-08	2.57E+01	2.63E+01	3.44E-02	0.00E+00	0.00E+00	0.00E+00	7.18E-03
MES-RS701002	1.53E-02	2.29E+00	0.00E+00	2.29E+00	0.00E+00	0.00E+00	1.54E+00	8.70E-07	6.79E-03	7.57E-02	0.00E+00	0.00E+00	4.16E-11	7.73E-10	5.74E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-04	8.36E-02	3.23E+01	0.00E+00	3.56E-09	1.23E-08	1.86E-02	5.83E-05	4.37E-02	0.00E+00	3.23E+01	8.95E-08	3.23E+01	3.29E+01	4.37E-02	0.00E+00	0.00E+00	0.00E+00	8.92E-03
MES-RS70301	7.94E-03	1.25E+00	0.00E+00	1.25E+00	0.00E+00	0.00E+00	8.23E-01	4.69E-07	3.71E-03	4.12E-02	0.00E+00	0.00E+00	2.21E-11	4.25E-10	3.06E-03	0.00E+00	0.00E+00	0.00E+00	1.10E-04	4.40E-02	1.75E+01	0.00E+00	1.93E-09	6.54E-09	1.03E-02	3.14E-05	2.34E-02	0.00E+00	1.75E+01	4.96E-08	1.75E+01	1.76E+01	2.34E-02	0.00E+00	0.00E+00	0.00E+00	4.78E-03
MES-RS70302	1.15E-02	1.84E+00	0.00E+00	1.84E+00	0.00E+00	0.00E+00	1.19E+00	6.91E-07	5.45E-03	6.00E-02	0.00E+00	0.00E+00	3.29E-11	6.30E-10	4.42E-03	0.00E+00	0.00E+00	0.00E+00	1.65E-04	6.52E-02	2.57E+01	0.00E+00	2.89E-09	9.53E-09	1.53E-02	4.64E-05	3.45E-02	0.00E+00	2.57E+01	7.25E-08	2.57E+01	2.63E+01	3.45E-02	0.00E+00	0.00E+00	0.00E+00	7.18E-03
MES-RS70401	8.44E-03	1.33E+00	0.00E+00	1.33E+00	0.00E+00	0.00E+00	8.72E-01	5.02E-07	3.97E-03	4.40E-02	0.00E+00	0.00E+00	2.36E-11	4.55E-10	3.21E-03	0.00E+00	0.00E+00	0.00E+00	1.18E-04	4.68E-02	1.87E+01	0.00E+00	2.05E-09	6.91E-09	1.10E-02	3.37E-05	2.51E-02	0.00E+00	1.87E+01	5.29E-08	1.87E+01	1.88E+01	2.51E-02	0.00E+00	0.00E+00	0.00E+00	5.07E-03
MES-RS70402	1.21E-02	1.91E+00	0.00E+00	1.91E+00	0.00E+00	0.00E+00	1.24E+00	7.17E-07	5.65E-03	6.26E-02	0.00E+00	0.00E+00	3.42E-11	6.54E-10	4.61E-03	0.00E+00	0.00E+00	0.00E+00	1.72E-04	6.80E-02	2.66E+01	0.00E+00	3.01E-09	9.90E-09	1.59E-02	4.82E-05	3.57E-02	0.00E+00	2.66E+01	7.50E-08	2.66E+01	2.73E+01	3.57E-02	0.00E+00	0.00E+00	0.00E+00	7.54E-03
MES-RS70501	8.85E-03	1.40E+00	0.00E+00	1.40E+00	0.00E+00	0.00E+00	9.18E-01	5.26E-07	4.17E-03	4.60E-02	0.00E+00	0.00E+00	2.47E-11	4.78E-10	3.37E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-04	4.92E-02	1.97E+01	0.00E+00	2.15E-09	7.22E-09	1.16E-02	3.53E-05	2.63E-02	0.00E+00	1.97E+01	5.56E-08	1.97E+01	1.97E+01	2.63E-02	0.00E+00	0.00E+00	0.00E+00	5.33E-03
MES-RS70502	1.21E-02	1.91E+00	0.00E+00	1.91E+00	0.00E+00	0.00E+00	1.24E+00	7.19E-07	5.66E-03	6.26E-02	0.00E+00	0.00E+00	3.43E-11	6.54E-10	4.62E-03	0.00E+00	0.00E+00	0.00E+00	1.72E-04	6.81E-02	2.67E+01	0.00E+00	3.01E-09	9.94E-09	1.59E-02	4.83E-05	3.58E-02	0.00E+00	2.67E+01	7.51E-08	2.67E+01	2.74E+01	3.58E-02	0.00E+00	0.00E+00	0.00E+00	7.55E-03
MES-RS70601	9.64E-03	1.52E+00	0.00E+00	1.52E+00	0.00E+00	0.00E+00	9.92E-01	5.68E-07	4.51E-03	5.00E-02	0.00E+00	0.00E+00	2.68E-11	5.15E-10	3.67E-03	0.00E+00	0.00E+00	0.00E+00	1.34E-04	5.37E-02	2.11E+01	0.00E+00	2.34E-09	7.86E-09	1.25E-02	3.83E-05	2.84E-02	0.00E+00	2.11E+01	6.02E-08	2.11E+01	2.12E+01	2.84E-02	0.00E+00	0.00E+00	0.00E+00	5.77E-03
MES-RS70602	1.28E-02	1.93E+00	0.00E+00	1.93E+00	0.00E+00	0.00E+00	1.26E+00	7.29E-07	5.72E-03	6.31E-02	0.00E+00	0.00E+00	3.45E-11	6.59E-10	4.65E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-04	6.84E-02	2.70E+01	0.00E+00	3.03E-09	1.01E-07	1.60E-02	4.86E-05	3.61E-02	0.00E+00	2.70E+01	7.58E-08	2.70E+01	2.75E+01	3.61E-02	0.00E+00	0.00E+00	0.00E+00	7.58E-03
MES-RS70801	1.01E-02	1.59E+00	0.00E+00	1.59E+00	0.00E+00	0.00E+00	1.04E+00	5.98E-07	4.74E-03	5.22E-02	0.00E+00	0.00E+00	2.80E-11	5.41E-10	3.87E-03	0.00E+00	0.00E+00	0.00E+00	1.41E-04	5.65E-02	2.23E+01	0.00E+00	2.46E-09	8.25E-09	1.31E-02	4.03E-05	2.99E-02	0.00E+00	2.23E+01	6.33E-08	2.23E+01	2.23E+01	2.99E-02	0.00E+00	0.00E+00	0.00E+00	6.05E-03
MES-RS70802	1.33E-02	2.06E+00	0.00E+00	2.06E+00	0.00E+00	0.00E+00	1.35E+00	7.75E-07	6.15E-03	6.66E-02	0.00E+00	0.00E+00	3.71E-11	7.03E-10	4.99E-03	0.00E+00	0.00E+00	0.00E+00	1.85E-04	7.29E-02	2.90E+01	0.00E+00	3.23E-09	1.07E-07	1.71E-02	5.27E-05	3.88E-02	0.00E+00	2.90E+01	8.14E-08	2.90E+01	2.94E+01	3.88E-02	0.00E+00	0.00E+00	0.00E+00	7.90E-03
MES-RS70901	1.01E-02	1.59E+00	0.00E+00	1.59E+00	0.00E+00	0.00E+00	1.04E+00	5.98E-07	4.74E-03	5.22E-02	0.00E+00	0.00E+00	2.80E-11	5.41E-10	3.87E-03	0.00E+00	0.00E+00	0.00E+00	1.41E-04	5.65E-02	2.23E+01	0.00E+00	2.46E-09	8.25E-09	1.31E-02	4.03E-05	2.99E-02	0.00E+00	2.23E+01	6.33E-08	2.23E+01	2.23E+01	2.99E-02	0.00E+00	0.00E+00	0.00E+00	6.05E-03
MES-RS70902	1.44E-02	2.15E+00	0.00E+00	2.15E+00	0.00E+00	0.00E+00	1.43E+00	8.14E-07	6.36E-03	7.00E-02	0.00E+00	0.00E+00	3.87E-11	7.33E-10	5.32E-03	0.00E+00	0.00E+00	0.00E+00	1.94E-04	7.84E-02	3.02E+01	0.00E+00	3.38E-09	1.13E-07	1.76E-02	5.50E-05	4.09E-02	0.00E+00	3.02E+01	8.48E-08	3.02E+01	3.11E+01	4.09E-02	0.00E+00	0.00E+00	0.00E+00	8.37E-03
MES-RS751001	1.20E-02	1.91E+00	0.00E+00	1.91E+00	0.00E+00	0.00E+00	1.24E+00	7.16E-07	5.64E-03	6.25E-02	0.00E+00	0.00E+00	3.42E-11	6.54E-10	4.61E-03	0.00E+00	0.00E+00	0.00E+00	1.71E-04	6.80E-02	2.66E+01	0.00E+00	3.01E-09	9.86E-08	1.56E-02	4.82E-05	3.57E-02	0.00E+00	2.66E+01	7.49E-08	2.66E+01	2.73E+01	3.57E-02	0.00E+00	0.00E+00	0.00E+00	7.53E-03
MES-RS75801	1.01E-02	1.59E+00	0.00E+00	1.59E+00	0.00E+00	0.00E+00	1.04E+00	5.98E-07	4.74E-03	5.22E-02	0.00E+00	0.00E+00	2.80E-11	5.41E-10	3.87E-03	0.00E+00	0.00E+00	0.00E+00	1.41E-04	5.65E-02	2.23E+01	0.00E+00	2.46E-09	8.25E-09	1.31E-02	4.03E-05	2.99E-02	0.00E+00	2.23E+01	6.33E-08	2.23E+01	2.23E+01	2.99E-02	0.00E+00	0.00E+00	0.00E+00	6.05E-03
MES-RS801001	1.21E-02	1.91E+00	0.00E+00	1.91E+00	0.00E+00	0.00E+00	1.24E+00	7.18E-07	5.65E-03	6.26E-02	0.00E+00	0.00E+00	3.43E-11	6.54E-10	4.62E-03	0.00E+00	0.00E+00	0.00E+00	1.71E-04	6.83E-02	2.67E+01	0.00E+00	3.01E-09	9.94E-08	1.56E-02	4.83E-05	3.58E-02	0.00E+00	2.67E+01	7.51E-08	2.67E+01	2.74E+01	3.58E-02	0.00E+00	0.00E+00	0.00E+00	7.54E-03
MES-RS801002	1.68E-02	2.52E+00	0.00E+00	2.52E+00	0.00E+00	0.00E+00	1.71E+00	9.61E-07	7.64E-03	8.35E-02	0.00E+00	0.00E+00	4.49E-11	8.60E-10	6.30E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04	9.23E-02	3.57E+01	0.00E+00	3.87E-09	1.36E-07	2.09E-02	6.40E-05	4.91E-02	0.00E+00	3.57E+01	1.01E-07	3.57E+01	3.68E+01	4.91E-02	0.00E+00	0.00E+00	0.00E+00	9.73E-03
MES-RS80301	8.94E-03	1.41E+00	0.00E+00	1.41E+00	0.00E+00	0.00E+00	9.25E-01	5.29E-07	4.19E-03	4.62E-02	0.00E+00	0.00E+00	2.49E-11	4.80E-10	3.40E-03	0.00E+00	0.00E+00	0.00E+00	1.25E-04	4.97E-02	1.98E+01	0.00E+00	2.16E-09	7.28E-08	1.16E-02	3.56E-05	2.65E-02	0.00E+00	1.98E+01	5.59E-08	1.98E+01	1.98E+01	2.65E-02	0.00E+00	0.00E+00	0.00E+00	5.38E-03
MES-RS80302	1.28E-02	1.93E+00	0.00E+00	1.93E+00	0.00E+00	0.00E+00	1.26E+00	7.25E-07	5.72E-03	6.31E-02	0.00E+00	0.00E+00	3.45E-11	6.59E-10	4.65E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-04	6.84E-02	2.70E+01	0.00E+00	3.03E-09	1.01E-07	1.60E-02	4.86E-05	3.61E-02	0.00E+00	2.70E+01	7.58E-08	2.70E+01	2.75E+01	3.61E-02	0.00E+00	0.00E+00	0.00E+00	7.58E-03
MES-RS80351	9.33E-03	1.47E+00	0.00E+00	1.47E+00	0.00E+00	0.00E+00	9.62E-01	5.53E-07	4.40E-03	4.86E-02	0.00E+00	0.00E+00	2.60E-11	5.02E-10	3.57E-03	0.00E+00	0.00E+00	0.00E+00	1.31E-04	5.16E-02	2.06E+01	0.00E+00	2.27E-09	7.63E-08	1.21E-02	3.72E-05	2.76E-02	0.00E+00	2.06E+01	5.87E-08	2.06E+01	2.07E+01	2.76E-02	0.00E+00	0.00E+00	0.00E+00	5.56E-03
MES-RS80401	9.47E-03	1.50E+00	0.00E+00	1.50E+00	0.00E+00	0.00E+00	9.72E-01	5.61E-07	4.47E-03	4.93E-02	0.00E+00	0.00E+00	2.64E-11	5.09E-10	3.60E-03	0.00E+00	0.00E+00	0.00E+00	1.33E-04	5.24E-02	2.09E+01	0.00E+00	2.30E-09	7.71E-08	1.23E-02	3.78E-05	2.80E-02	0.00E+00	2.09E+01	5.94E-08	2.09E+01	2.10E+01	2.80E-02	0.00E+00	0.00E+00	0.00E+00	5.63E-03
MES-RS80402	1.29E-02	1.96E+00	0.00E+00	1.96E+00	0.00E+00	0.00E+00	1.27E+00	7.40E-07	5.83E-03	6.42E-02	0.00E+00	0.00E+00	3.52E-11	6.71E-10	4.72E-03	0.00E+00	0.00E+00	0.00E+00	1.76E-04	6.90E-02	2.76E+01	0.00E+00	3.08E-09	1.02E-07	1.64E-02	4.96E-05	3.67E-02	0.00E+00	2.76E+01	7.72E-08	2.76E+01	2.80E+01	3.67E-02	0.00E+00	0.00E+00	0.00E+00	7.62E-03
MES-RS80501	1.01E-02	1.58E+00	0.00E+00	1.58E+00	0.00E+00	0.00E+00	1.03E+00	5.93E-07	4.71E-03	5.20E-02	0.00E+00	0.00E+00	2.78E-11	5.37E-10	3.84E-03	0.00E+00	0.00E+00	0.00E+00	1.41E-04	5.62E-02	2.21E+01	0.00E+00	2.45E-09	8.21E-08	1.31E-02	3.99E-05	2.97E-02	0.00E+00	2.21E+01	6.30E-08	2.21E+01	2.22E+01	2.97E-02	0.00E+00	0.00E+00	0.00E+00	6.01E-03
MES-RS80502	1.33E-02	2.06E+00	0.00E+00	2.06E+00	0.00E+00	0.00E+00	1.35E+00	7.79E-07	6.15E-03	6.66E-02	0.00E+00	0.00E+00	3.71E-11	7.03E-10	4.99E-03	0.00E+00	0.00E+00	0.00E+00	1.85E-04	7.29E-02	2.90E+01	0.00E+00	3.23E-09	1.07E-07	1.71E-02	5.27E-05	3.88E-02	0.00E+00	2.90E+01	8.14E-08	2.90E+01	2.94E+01	3.88E-02	0.00E+00	0.00E+00	0.00E+00	7.90E-03
MES-RS80601	1.01E-02	1.59E+00	0.00E+00	1.59E+00	0.00E+00	0.00E+00	1.04E+00	5.98E-07	4.74E-03	5.22E-02	0.00E+00	0.00E+00	2.80E-11	5.41E-10	3.87E-03	0.00E+00	0.00E+00	0.00E+00	1.41E-04	5.65E-02	2.23E+01	0.00E+00	2.46E-09	8.27E-08	1.31E-02	4.03E-05	2.99E-02	0.00E+00	2.23E+01	6.33E-08	2.23E+01	2.24E+01	2.99E-02	0.00E+00	0.00E+00	0.00E+00	6.05E-03
MES-RS80602	1.44E-02	2.15E+00	0.00E+00	2.15E+00	0.00E+00	0.00E+00	1.43E+00	8.14E-07	6.36E-03	7.00E-02	0.00E+00	0.00E+00	3.87E-11	7.33E-10	5.32E-03	0.00E+00	0.00E+00	0.00E+00	1.94E-04	7.84E-02	3.02E+01	0.00E+00	3.38E-09	1.13E-07	1.76E-02	5.50E-05	4.09E-02	0.00E+00	3.02E+01	8.48E-08	3.02E+01	3.11E+01	4.09E-02	0.00E+00	0.00E+00	0.00E+00	8.37E-03
MES-RS80801	1.20E-02	1.91E+00	0.00E+00	1.91E+00	0.00E+00	0.00E+00	1.24E+00	7.16E-07	5.64E-03	6.25E-02	0.00E+00	0.00E+00	3.42E-11	6.54E-10	4.61E-03	0.00E+00	0.00E+00	0.00E+00	1.71E-04	6.80E-02	2.66E+01	0.00E+00	3.01E-09	9.86E-08	1.56E-02	4.82E-05	3.57E-02	0.00E+00	2.66E+01	7.49E-08	2.66E+01	2.73E+01	3.57E-02	0.00E+00	0.00E+00	0.00E+00	7.53E-03
MES-RS80802	1.57E-02	2.41E+00	0.00E+00	2.41E+00	0.00E+00	0.00E+00	1.62E+00	9.19E-07	7.21E-03	8.00E-02	0.00E+00	0.00E+00	4.31E-11	8.18E-10	5.99E-03	0.00E+00	0.00E+00	0.00E+00	2.14E-04	8.74E-02	3.41E+01	0.00E+00	3.72E-09	1.28E-07	1.97E-02	6.13E-05	4.63E-02	0.00E+00	3.41E+01	9.47E-08	3.41E+01	3.47E+01	4.63E-02	0.00E+00	0.00E+00	0.00E+00	9.24E-03
MES-RS80901	1.20E-02	1.91E+00	0.00E+00	1.91E+00	0.00E+00	0.00E+00	1.24E+00	7.16E-07	5.64E-03	6.25E-02	0.00E+00	0.00E+00	3.42E-11	6.54E-10	4.61E-03	0.00E+00	0.00E+00	0.00E+00	1.71E-04	6.80E-02	2.66E+01	0.00E+00	3.01E-09	9.86E-08	1.56E-02	4.82E-05	3.57E-02	0.00E+00	2.66E+01	7.49E-08	2.66E+01	2.73E+01	3.57E-02	0.00E+00	0.00E+00	0.00E+00	7.53E-03
MES-RS80902	1.67E-02	2.51E+00	0.00E+00	2.51E+00	0.00E+00	0.00E+00	1.70E+00	9.57E-07	7.60E-03	8.33E-02	0.00E+00	0.00E+00	4.47E-11	8.56E-10	6.27E-03	0.00E+00	0.00E+00	0.00E+00	2.24E-04	9.18E-02	3.55E+01	0.00E+00	3.85E-09	1.32E-07	2.08E-02	6.37E-05	4.88E-02	0.00E+00	3.55E+01	1.01E-07	3.55E+01	3.66E+01	4.89E-02	0.00E+00	0.00E+00	0.00E+00	9.69E-03
MES-RS851001	1.28E-02	1.93E+00	0.00E+00	1.93E+00	0.00E+00	0.00E+00	1.26E+00	7.24E-07	5.71E-03	6.30E-02	0.00E+00	0.00E+00	3.45E-11	6.59E-10	4.65E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-04	6.83E-02	2.70E+01	0.00E+00	3.03E-09	1.01E-07	1.60E-02	4.86E-05	3.61E-02	0.00E+00	2.70E+01	7.57E-08	2.70E+01	2.75E+01	3.61E-02	0.00E+00	0.00E+00	0.00E+00	7.58E-03
MES-RS851002	1.74E-02	2.64E+00	0.00E+00	2.64E+00	0.00E+00	0.00E+00	1.77E+00	1.01E-06	8.03E-03	8.66E-02	0.00E+00	0.00E+00	4.67E-11	9.05E-10	6.61E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04	9.58E-02	3.72E+01	0.00E+00	4.04E-09	1.40E-07	2.17E-02	6.64E-05	5.13E-02	0.00E+00	3.72E+01	1.06E-07	3.72E+01	3.84E+01	5.13E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-02
MES-RS85301	9.49E-03	1.50E+00	0.00E+00	1.50E+00

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MES-SHZ150	9.11E-04	1.43E-01	0.00E+00	1.43E-01	0.00E+00	0.00E+00	9.42E-02	5.39E-06	4.27E-04	4.68E-03	0.00E+00	0.00E+00	2.53E-12	4.85E-11	3.49E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-05	5.09E-03	2.01E+00	0.00E+00	2.20E-10	7.41E-09	1.18E-03	3.59E-06	2.69E-03	0.00E+00	2.01E+00	5.65E-09	2.01E+00	2.01E+00	2.69E-03	0.00E+00	0.00E+00	0.00E+00	5.45E-04
MES-SHZ45	3.74E-04	5.82E-02	0.00E+00	5.82E-02	0.00E+00	0.00E+00	3.83E-02	2.20E-06	1.73E-04	1.91E-03	0.00E+00	0.00E+00	1.03E-12	1.98E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.17E-06	2.08E-03	8.13E-01	0.00E+00	9.01E-11	3.01E-09	4.81E-04	1.46E-06	1.08E-03	0.00E+00	8.13E-01	2.30E-09	8.13E-01	8.16E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04
MES-SO1001001	1.27E-02	1.26E+00	0.00E+00	1.26E+00	0.00E+00	0.00E+00	1.25E+00	6.98E-07	5.80E-03	8.08E-02	0.00E+00	0.00E+00	3.50E-11	9.18E-10	6.94E-03	0.00E+00	0.00E+00	0.00E+00	1.78E-04	8.91E-02	2.64E+01	0.00E+00	3.22E-09	1.10E-07	1.73E-02	4.30E-05	3.95E-02	0.00E+00	2.64E+01	8.39E-08	2.64E+01	2.71E+01	3.95E-02	0.00E+00	0.00E+00	0.00E+00	8.97E-03
MES-SO1001002	9.92E-03	1.32E+00	0.00E+00	1.32E+00	0.00E+00	0.00E+00	9.58E-01	5.50E-07	4.36E-03	5.39E-02	0.00E+00	0.00E+00	2.42E-11	5.19E-10	4.22E-03	0.00E+00	0.00E+00	0.00E+00	1.50E-04	5.39E-02	2.17E+01	0.00E+00	2.19E-09	6.67E-08	1.29E-02	3.56E-05	3.23E-02	0.00E+00	2.17E+01	5.71E-08	2.17E+01	1.86E+01	3.23E-02	0.00E+00	0.00E+00	0.00E+00	5.63E-03
MES-SO1100301	9.94E-03	8.16E-01	0.00E+00	8.16E-01	0.00E+00	0.00E+00	9.73E-01	5.41E-07	4.58E-03	6.79E-02	0.00E+00	0.00E+00	2.76E-11	7.86E-10	6.00E-03	0.00E+00	0.00E+00	0.00E+00	1.41E-04	7.52E-02	2.06E+01	0.00E+00	2.59E-09	8.92E-08	1.40E-02	3.25E-05	3.20E-02	0.00E+00	2.06E+01	6.76E-08	2.06E+01	2.12E+01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	7.49E-03
MES-SO1100302	6.79E-03	8.26E-01	0.00E+00	8.26E-01	0.00E+00	0.00E+00	6.32E-01	3.64E-07	2.88E-03	3.82E-02	0.00E+00	0.00E+00	1.56E-11	3.56E-10	3.08E-03	0.00E+00	0.00E+00	0.00E+00	1.08E-04	3.67E-02	1.50E+01	0.00E+00	1.43E-09	4.15E-08	8.94E-03	2.26E-05	2.35E-02	0.00E+00	1.50E+01	3.80E-08	1.50E+01	1.17E+01	2.35E-02	0.00E+00	0.00E+00	0.00E+00	3.74E-03
MES-SO1100401	1.02E-02	8.59E-01	0.00E+00	8.59E-01	0.00E+00	0.00E+00	9.96E-01	5.55E-07	4.69E-03	6.91E-02	0.00E+00	0.00E+00	2.83E-11	7.99E-10	6.08E-03	0.00E+00	0.00E+00	0.00E+00	1.44E-04	7.64E-02	2.12E+01	0.00E+00	2.65E-09	9.12E-08	1.43E-02	3.35E-05	3.27E-02	0.00E+00	2.12E+01	6.92E-08	2.12E+01	2.18E+01	3.27E-02	0.00E+00	0.00E+00	0.00E+00	7.62E-03
MES-SO100402	7.33E-03	9.08E-01	0.00E+00	9.08E-01	0.00E+00	0.00E+00	6.91E-01	3.97E-07	3.13E-03	4.08E-02	0.00E+00	0.00E+00	1.70E-11	3.82E-10	3.28E-03	0.00E+00	0.00E+00	0.00E+00	1.15E-04	3.97E-02	1.61E+01	0.00E+00	1.57E-09	4.58E-08	9.61E-03	2.48E-05	2.50E-02	0.00E+00	1.61E+01	4.13E-08	1.61E+01	1.29E+01	2.50E-02	0.00E+00	0.00E+00	0.00E+00	4.07E-03
MES-SO100501	1.08E-02	9.37E-01	0.00E+00	9.37E-01	0.00E+00	0.00E+00	1.04E+00	5.82E-07	4.86E-03	7.14E-02	0.00E+00	0.00E+00	2.95E-11	8.20E-10	6.24E-03	0.00E+00	0.00E+00	0.00E+00	1.51E-04	7.89E-02	2.22E+01	0.00E+00	2.76E-09	9.49E-08	1.46E-02	3.53E-05	3.39E-02	0.00E+00	2.22E+01	7.20E-08	2.22E+01	2.29E+01	3.39E-02	0.00E+00	0.00E+00	0.00E+00	7.89E-03
MES-SO100502	7.83E-03	9.18E-01	0.00E+00	9.18E-01	0.00E+00	0.00E+00	6.99E-01	4.02E-07	3.17E-03	4.12E-02	0.00E+00	0.00E+00	1.72E-11	3.85E-10	3.32E-03	0.00E+00	0.00E+00	0.00E+00	1.16E-04	4.00E-02	1.63E+01	0.00E+00	1.59E-09	4.64E-08	9.68E-03	2.50E-05	2.51E-02	0.00E+00	1.63E+01	4.17E-08	1.63E+01	1.30E+01	2.51E-02	0.00E+00	0.00E+00	0.00E+00	4.11E-03
MES-SO100601	1.09E-02	9.83E-01	0.00E+00	9.83E-01	0.00E+00	0.00E+00	1.07E+00	5.98E-07	5.02E-03	7.27E-02	0.00E+00	0.00E+00	3.03E-11	8.36E-10	6.31E-03	0.00E+00	0.00E+00	0.00E+00	1.54E-04	8.01E-02	2.27E+01	0.00E+00	2.81E-09	9.70E-08	1.52E-02	3.62E-05	3.48E-02	0.00E+00	2.27E+01	7.36E-08	2.27E+01	2.35E+01	3.48E-02	0.00E+00	0.00E+00	0.00E+00	8.01E-03
MES-SO100602	8.05E-03	1.02E+00	0.00E+00	1.02E+00	0.00E+00	0.00E+00	7.61E-01	4.38E-07	3.46E-03	4.43E-02	0.00E+00	0.00E+00	1.99E-11	4.19E-10	3.53E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-04	4.35E-02	1.77E+01	0.00E+00	1.74E-09	5.14E-08	1.05E-02	2.75E-05	2.69E-02	0.00E+00	1.77E+01	4.55E-08	1.77E+01	1.44E+01	2.69E-02	0.00E+00	0.00E+00	0.00E+00	4.49E-03
MES-SO100801	1.16E-02	1.12E+00	0.00E+00	1.12E+00	0.00E+00	0.00E+00	1.15E+00	6.43E-07	5.40E-03	7.67E-02	0.00E+00	0.00E+00	3.26E-11	8.78E-10	6.62E-03	0.00E+00	0.00E+00	0.00E+00	1.66E-04	8.42E-02	2.45E+01	0.00E+00	3.00E-09	1.04E-07	1.62E-02	3.95E-05	3.71E-02	0.00E+00	2.45E+01	7.86E-08	2.45E+01	2.52E+01	3.71E-02	0.00E+00	0.00E+00	0.00E+00	8.44E-03
MES-SO100802	8.94E-03	1.16E+00	0.00E+00	1.16E+00	0.00E+00	0.00E+00	8.51E-01	4.92E-07	3.89E-03	4.89E-02	0.00E+00	0.00E+00	2.14E-11	4.67E-10	3.86E-03	0.00E+00	0.00E+00	0.00E+00	1.37E-04	4.83E-02	1.97E+01	0.00E+00	1.98E-09	5.87E-08	1.16E-02	3.10E-05	2.95E-02	0.00E+00	1.97E+01	5.12E-08	1.97E+01	1.65E+01	2.52E+01	3.71E-02	0.00E+00	0.00E+00	5.01E-03
MES-SO100901	1.22E-02	1.20E+00	0.00E+00	1.20E+00	0.00E+00	0.00E+00	1.20E+00	6.75E-07	5.64E-03	7.91E-02	0.00E+00	0.00E+00	3.40E-11	9.02E-10	6.79E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-04	8.70E-02	2.56E+01	0.00E+00	3.14E-09	1.07E-07	1.69E-02	4.17E-05	3.86E-02	0.00E+00	2.56E+01	8.18E-08	2.56E+01	2.63E+01	3.86E-02	0.00E+00	0.00E+00	0.00E+00	8.76E-03
MES-SO100902	9.40E-03	1.24E+00	0.00E+00	1.24E+00	0.00E+00	0.00E+00	9.05E-01	5.22E-07	4.13E-03	5.15E-02	0.00E+00	0.00E+00	2.29E-11	4.94E-10	4.05E-03	0.00E+00	0.00E+00	0.00E+00	1.44E-04	5.10E-02	2.08E+01	0.00E+00	2.08E-09	6.28E-08	1.23E-02	3.30E-05	3.09E-02	0.00E+00	2.08E+01	5.42E-08	2.08E+01	1.76E+01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	5.32E-03
MES-SO1101001	1.27E-02	1.26E+00	0.00E+00	1.26E+00	0.00E+00	0.00E+00	1.25E+00	6.98E-07	5.80E-03	8.08E-02	0.00E+00	0.00E+00	3.50E-11	9.18E-10	6.94E-03	0.00E+00	0.00E+00	0.00E+00	1.78E-04	8.91E-02	2.64E+01	0.00E+00	3.22E-09	1.10E-07	1.73E-02	4.30E-05	3.95E-02	0.00E+00	2.64E+01	8.39E-08	2.64E+01	2.71E+01	3.95E-02	0.00E+00	0.00E+00	0.00E+00	8.97E-03
MES-SO1101002	9.93E-03	1.32E+00	0.00E+00	1.32E+00	0.00E+00	0.00E+00	9.58E-01	5.50E-07	4.36E-03	5.39E-02	0.00E+00	0.00E+00	2.42E-11	5.19E-10	4.22E-03	0.00E+00	0.00E+00	0.00E+00	1.50E-04	5.39E-02	2.17E+01	0.00E+00	2.19E-09	6.67E-08	1.29E-02	3.56E-05	3.23E-02	0.00E+00	2.17E+01	5.72E-08	2.17E+01	1.86E+01	3.23E-02	0.00E+00	0.00E+00	0.00E+00	5.63E-03
MES-SO110301	9.94E-03	8.16E-01	0.00E+00	8.16E-01	0.00E+00	0.00E+00	9.72E-01	5.41E-07	4.58E-03	6.79E-02	0.00E+00	0.00E+00	2.76E-11	7.86E-10	6.00E-03	0.00E+00	0.00E+00	0.00E+00	1.41E-04	7.51E-02	2.06E+01	0.00E+00	2.59E-09	8.92E-08	1.40E-02	3.25E-05	3.20E-02	0.00E+00	2.06E+01	6.76E-08	2.06E+01	2.12E+01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	7.48E-03
MES-SO110302	6.79E-03	8.26E-01	0.00E+00	8.26E-01	0.00E+00	0.00E+00	6.31E-01	3.64E-07	2.88E-03	3.82E-02	0.00E+00	0.00E+00	1.56E-11	3.56E-10	3.08E-03	0.00E+00	0.00E+00	0.00E+00	1.08E-04	3.67E-02	1.50E+01	0.00E+00	1.43E-09	4.15E-08	8.93E-03	2.26E-05	2.35E-02	0.00E+00	1.50E+01	3.80E-08	1.50E+01	1.17E+01	2.35E-02	0.00E+00	0.00E+00	0.00E+00	3.73E-03
MES-SO110401	1.02E-02	8.59E-01	0.00E+00	8.59E-01	0.00E+00	0.00E+00	9.96E-01	5.55E-07	4.69E-03	6.91E-02	0.00E+00	0.00E+00	2.83E-11	7.99E-10	6.08E-03	0.00E+00	0.00E+00	0.00E+00	1.44E-04	7.64E-02	2.12E+01	0.00E+00	2.65E-09	9.12E-08	1.43E-02	3.35E-05	3.27E-02	0.00E+00	2.12E+01	6.92E-08	2.12E+01	2.18E+01	3.27E-02	0.00E+00	0.00E+00	0.00E+00	7.62E-03
MES-SO110402	7.33E-03	9.11E-01	0.00E+00	9.11E-01	0.00E+00	0.00E+00	6.92E-01	3.98E-07	3.13E-03	4.09E-02	0.00E+00	0.00E+00	1.71E-11	3.82E-10	3.29E-03	0.00E+00	0.00E+00	0.00E+00	1.15E-04	3.98E-02	1.61E+01	0.00E+00	1.58E-09	4.59E-08	9.62E-03	2.48E-05	2.50E-02	0.00E+00	1.61E+01	4.14E-08	1.61E+01	1.29E+01	2.50E-02	0.00E+00	0.00E+00	0.00E+00	4.08E-03
MES-SO110501	1.08E-02	9.37E-01	0.00E+00	9.37E-01	0.00E+00	0.00E+00	1.04E+00	5.82E-07	4.86E-03	7.14E-02	0.00E+00	0.00E+00	2.95E-11	8.20E-10	6.24E-03	0.00E+00	0.00E+00	0.00E+00	1.51E-04	7.89E-02	2.22E+01	0.00E+00	2.76E-09	9.49E-08	1.46E-02	3.53E-05	3.39E-02	0.00E+00	2.22E+01	7.20E-08	2.22E+01	2.29E+01	3.39E-02	0.00E+00	0.00E+00	0.00E+00	7.89E-03
MES-SO110502	7.82E-03	9.21E-01	0.00E+00	9.21E-01	0.00E+00	0.00E+00	6.99E-01	4.03E-07	3.17E-03	4.13E-02	0.00E+00	0.00E+00	1.73E-11	3.86E-10	3.32E-03	0.00E+00	0.00E+00	0.00E+00	1.16E-04	4.01E-02	1.63E+01	0.00E+00	1.59E-09	4.64E-08	9.70E-03	2.51E-05	2.52E-02	0.00E+00	1.63E+01	4.18E-08	1.63E+01	1.31E+01	2.52E-02	0.00E+00	0.00E+00	0.00E+00	4.11E-03
MES-SO110601	1.08E-02	9.73E-01	0.00E+00	9.73E-01	0.00E+00	0.00E+00	1.06E+00	5.93E-07	4.96E-03	7.24E-02	0.00E+00	0.00E+00	3.01E-11	8.32E-10	6.28E-03	0.00E+00	0.00E+00	0.00E+00	1.53E-04	7.99E-02	2.26E+01	0.00E+00	2.80E-09	9.64E-08	1.51E-02	3.61E-05	3.46E-02	0.00E+00	2.26E+01	7.32E-08	2.26E+01	2.33E+01	3.46E-02	0.00E+00	0.00E+00	0.00E+00	7.99E-03
MES-SO110602	7.93E-03	1.01E+00	0.00E+00	1.01E+00	0.00E+00	0.00E+00	7.54E-01	4.34E-07	3.43E-03	4.40E-02	0.00E+00	0.00E+00	1.88E-11	4.15E-10	3.51E-03	0.00E+00	0.00E+00	0.00E+00	1.23E-04	4.32E-02	1.75E+01	0.00E+00	1.72E-09	5.08E-08	1.04E-02	2.72E-05	2.67E-02	0.00E+00	1.75E+01	4.52E-08	1.75E+01	1.43E+01	2.67E-02	0.00E+00	0.00E+00	0.00E+00	4.45E-03
MES-SO110801	1.16E-02	1.11E+00	0.00E+00	1.11E+00	0.00E+00	0.00E+00	1.14E+00	6.40E-07	5.37E-03	7.64E-02	0.00E+00	0.00E+00	3.24E-11	8.75E-10	6.58E-03	0.00E+00	0.00E+00	0.00E+00	1.65E-04	8.38E-02	2.44E+01	0.00E+00	2.99E-09	1.03E-07	1.61E-02	3.93E-05	3.70E-02	0.00E+00	2.44E+01	7.84E-08	2.44E+01	2.51E+01	3.70E-02	0.00E+00	0.00E+00	0.00E+00	8.38E-03
MES-SO110802	8.65E-03	1.13E+00	0.00E+00	1.13E+00	0.00E+00	0.00E+00	8.28E-01	4.77E-07	3.77E-03	4.77E-02	0.00E+00	0.00E+00	2.08E-11	4.54E-10	3.77E-03	0.00E+00	0.00E+00	0.00E+00	1.33E-04	4.70E-02	1.91E+01	0.00E+00	1.90E-09	5.66E-08	1.13E-02	3.01E-05	2.88E-02	0.00E+00	1.91E+01	4.97E-08	1.91E+01	1.59E+01	2.88E-02	0.00E+00	0.00E+00	0.00E+00	4.88E-03
MES-SO110901	1.22E-02	1.20E+00	0.00E+00	1.20E+00	0.00E+00	0.00E+00	1.20E+00	6.75E-07	5.63E-03	7.91E-02	0.00E+00	0.00E+00	3.40E-11	9.02E-10	6.79E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-04	8.69E-02	2.56E+01	0.00E+00	3.14E-09	1.07E-07	1.69E-02	4.16E-05	3.86E-02	0.00E+00	2.56E+01	8.17E-08	2.56E+01	2.63E+01	3.86E-02	0.00E+00	0.00E+00	0.00E+00	8.76E-03
MES-SO110902	9.40E-03	1.24E+00	0.00E+00	1.24E+00	0.00E+00	0.00E+00	9.05E-01	5.22E-07	4.13E-03	5.15E-02	0.00E+00	0.00E+00	2.29E-11	4.94E-10	4.05E-03	0.00E+00	0.00E+00	0.00E+00	1.44E-04	5.10E-02	2.08E+01	0.00E+00	2.08E-09	6.28E-08	1.23E-02	3.30E-05	3.09E-02	0.00E+00	2.08E+01	5.42E-08	2.08E+01	1.76E+01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	5.32E-03
MES-SO1201001	1.27E-02	1.26E+00	0.00E+00	1.26E+00	0.00E+00	0.00E+00	1.25E+00	6.98E-07	5.80E-03	8.08E-02	0.00E+00	0.00E+00	3.50E-11	9.18E-10	6.94E-03	0.00E+00	0.00E+00	0.00E+00	1.78E-04	8.91E-02	2.64E+01	0.00E+00	3.22E-09	1.10E-07	1.73E-02	4.30E-05	3.95E-02	0.00E+00	2.64E+01	8.39E-08	2.64E+01	2.71E+01	3.95E-02	0.00E+00	0.00E+00	0.00E+00	8.97E-03
MES-SO1201002	9.93E-03	1.32E+00	0.00E+00	1.32E+00	0.00E+00	0.00E+00	9.58E-01	5.50E-07	4.36E-03	5.39E-02	0.00E+00	0.00E+00	2.42E-11	5.19E-10	4.22E-03	0.00E+00	0.00E+00	0.00E+00	1.50E-04	5.39E-02	2.17E+01	0.00E+00	2.19E-09	6.67E-08	1.29E-02	3.56E-05	3.23E-02	0.00E+00	2.17E+01	5.72E-08	2.17E+01	1.86E+01	3.23E-02	0.00E+00	0.00E+00	0.00E+00	5.63E-03
MES-SO120301	9.94E-03	8.16E-01	0.00E+00	8.16E-01	0.00E+00	0.00E+00	9.72E-01	5.41E-07	4.58E-03	6.79E-02	0.00E+00	0.00E+00	2.76E-11	7.86E-10	6.00E-03	0.00E+00	0.00E+00	0.00E+00	1.41E-04	7.51E-02	2.06E+01	0.00E+00	2.59E-09	8.92E-08	1.40E-02	3.25E-05	3.20E-02	0.00E+00	2.06E+01	6.76E-08	2.06E+01	2.12E+01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	7.48E-03
MES-SO120302	6.79E-03	8.26E-01	0.00E+00	8.26E-01	0.00E+00	0.00E+00	6.31E-01	3.64E-07	2.88E-03	3.82E-02	0.00E+00	0.00E+00	1.56E-11	3.56E-10	3.08E-03	0.00E+00	0.00E+00	0.00E+00	1.08E-04	3.67E-02	1.50E+01	0.00E+00	1.43E-09	4.15E-08	8.93E-03	2.26E-05	2.35E-02	0.00E+00	1.50E+01	3.80E-08	1.50E+01	1.17E+01	2.35E-02	0.00E+00	0.00E+00	0.00E+00	3.73E-03
MES-SO120401	1.02E-02	8.59E-01	0.00E+00	8.59E-01	0.00E+00	0.00E+00	9.96E-01	5.55E-07	4.69E-03	6.91E-02	0.00E+00	0.00E+00	2.83E-11	7.99E-10	6.08E-03	0.00E+00	0.00E+00	0.00E+00	1.44E-04	7.64E-02	2.12E+01	0.00E+00	2.65E-09	9.12E-08	1.43E-02	3.35E-05	3.27E-02	0.00E+00	2.12E+01	6.92E-08	2.12E+01	2.18E+01	3.27E-02	0.00E+00	0.00E+00	0.00E+00	7.62E-03
MES-SO120402	7.33E-03	9.11E-01	0.00E+00	9.11E-01	0.00E+00	0.00E+00	6.92E-01	3.98E-07	3.13E-03	4.09E-02	0.00E+00	0.00E+00	1.71E-11	3.82E-10	3.29E-03	0.00E+00	0.00E+00	0.00E+00	1.15E-04	3.98E-02	1.61E+01	0.00E+00	1.58E-09	4.59E-08	9.62E-03	2.48E-05	2.50E-02	0.00E+00	1.61E+01	4.14E-08	1.61E+01	1.29E+01	2.50E-02	0.00E+00	0.00E+00	0.00E+00	4.08E-03
MES-SO120501	1.08E-02	9.37E-01	0.00E+00	9.37E-01	0.00E+00	0.00E+00	1.04E+00	5.82E-07	4.86E-03	7.14E-02	0.00E+00	0.00E+00	2.95E-11	8.20E-10	6.24E-03	0.00E+00	0.00E+00	0.00E+00	1.51E-04	7.89E-02	2.22E+01	0.00E+00	2.76E-09	9.49E-08	1.46E-02	3.53E-05	3.39E-02	0.00E+00	2.22E+01	7.20E-08	2.22E+01	2.29E+01	3.39E-02	0.00E+00	0.00E+00	0.00E+00	7.89E-03
MES-SO120502	7.82E-03	9.21E-01	0.00E+00	9.21E-01	0.00E+00	0.00E+00	6.99E-01	4.03E-07	3.17E-03	4.13E-02	0.00E+00	0.00E+00	1.73E-11	3.86E-10	3.32E-03	0.00E+00	0.00E+00	0.00E+00	1.16E-04	4.01E-02	1.63E+01	0.00E+00	1.59E-09	4.64E-08	9.70E-03	2.51E-05	2.52E-02	0.00E+00	1.63E+01	4.18E-08	1.63E+01	1.31E+01	2.52E-02	0.00E+00	0.00E+00	0.00E+00	4.11E-03
MES-SO120601	1.09E-02	9.83E-01	0.00E+00	9.83E-01	0.00E+00	0.00E+00	1.07E+00	5.98E-07	5.02E-03	7.27E-02	0.00E+00	0.00E+00	3.03E-11	8.36E-10	6.31E-03	0.00E+00	0.00E+00	0.00E+00	1.54E-04	8.01E-02	2.27E+01	0.00E+00	2.81E-09	9.70E-08	1.52E-02	3.62E-05	3.48E-02	0.00E+00	2.27E+01	7.36E-08	2.27E+01	2.35E+01	3.48E-02	0.00E+00	0.00E+00	0.00E+00	8.01E-03
MES-SO120602	8.04E-03	1.02E+00	0.00E+00	1.02E+00	0.00E+00	0.00E+00	7.61E-01	4.38E-07	3.46E-03	4.43E-02	0.00E+00	0.00E+00	1.99E-11	4.19E-10	3.53E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-04	4.35E-02	1.77E+01	0.00E+00	1.74E-09	5.14E-08	1.05E-02	2.75E-05	2.69E-02	0.00E+00	1.77E+01	4.55E-08	1.77E+01	1.44E+01	2.69E-02	0.00E+00	0.00E+00	0.00E+00	4.49E-03
MES-SO120801	1.16E-02	1.12E+00	0.00E+00	1.12E+00	0.00E+00	0.00E+00	1.15E+00	6.42E-07	5.40E-03	7.66E-02	0.00E+00	0.00E+00	3.26E-11	8.77E-10	6.62E-03	0.00E+00	0.00E+00	0.00E+00	1.66E-04	8.42E-02	2.45E+01	0.00E+00	3.00E-09	1.04E-07	1.62E-02	3.95E-05	3.71E-02	0.00E+00	2.45E+01	7.86E-08	2.45E+01	2.52E+01	3.71E-02	0.00E+00	0.00E+00	0.00E+00	8.44E-03
MES-SO120802	8.94E-03	1.16E+00	0.00E+00	1.16E+00	0.00E+00	0.00E+00	8.51E-01	4.92E-07	3.89E-03	4.89E-02	0.00E+00	0.00E+00	2.14E-11	4.67E-10	3.85E-03	0.00E+00	0.00E+00	0.00E+00	1.37E-04	4.83E-02	1.97E+01	0.00E+00	1.95E-09	5.87E-08	1.16E-02	3.10E-05	2.95E-02	0.00E+00	1.97E+01	5.12E-08	1.97E+01	1.65E+01	2.52E+01	3.71E-02	0.00E+00	0.00E+00	5.01E-03
MES-SO120901	1.22E-02	1.20E+00	0.00E+00	1.20E+00	0.00E+00	0.00E+00	1.20E+00	6.75E-07	5.63E-03	7.91E-02	0.00E+00	0.00E+00	3.40E-11	9.02E-10	6.79E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-04	8.69E-02	2.56E+01	0.00E+00	3.14E-09	1.07E-07	1.69E-02	4.16E-05	3.86E-02	0.00E+00	2.56E+01	8.17E-08	2.56E+01	2.63E+01	3.86E-02	0.00E+00	0.00E+00	0.00E+00	8.76E-03
MES-SO120902	9.40E-03	1.24E+00	0.00E+00	1.24E+00	0.00E+00	0.00E+00	9.05E-01	5.22E-07	4.13E-03	5.15E-02	0.00E+00	0.00E+00	2.29E-11	4.94E-10	4.05E-03	0.00E+00	0.00E+00	0.00E+00	1.44E-04	5.10E-02	2.08E+01	0.00E+00	2.08E-09	6.28E-08	1.23E-02	3.30E-05	3.09E-02	0.00E+00	2.08E+01	5.42E-08	2.08E+01	1.76E+01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	5.32E-03
MES-SO1301001	1.27E-02	1.26E+00	0.00E+00	1.26E+00	0.00E+00	0.00E+00	1.25E+00	6.98E-07	5.80E-03	8.08E-02	0.00E+00	0.00E+00	3.50E-11	9.18E-10	6.94E-03	0.00E+00	0.00E+00	0.00E+00	1.78E-04	8.91E-02	2.64E+01	0.00E+00	3.22E-09	1.10E-07	1.73E-02	4.30E-05	3.95E-02	0.00E+00	2.64E+01	8.39E-08	2.64E+01	2.71E+01	3.95E-02	0.00E+00	0.00E+00	0.00E+00	8.97E-03
MES-SO1301002	9.93E-03	1.33E+00	0.00E+00	1.33E+00	0.00E+00	0.00E+00	9.60E-01	5.51E-07	4.37E-03	5.40E-02	0.00E+00	0.00E+00	2.43E-11	5.20E-10	4.24E-03	0.00E+00	0.00E+00	0.00E+00	1.50E-04	5.40E-02	2.18E+01	0.00E+00	2.20E-09	6.68E-08	1.29E-02	3.51E-05	3.29E-02	0.00E+00	2.18E+01	5.73E-08	2.18E+01	1.87E+01	3.29E-02	0.00E+00	0.00E+00	0.00E+00	5.64E-03
MES-SO130301	9.94E-03	8.16E-01	0.00E

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MES-SRTV121	3.23E-02	5.32E+00	0.00E+00	5.32E+00	0.00E+00	0.00E+00	3.44E+00	1.93E-06	1.58E-02	1.64E-01	0.00E+00	0.00E+00	9.38E-11	1.74E-09	1.25E-02	0.00E+00	0.00E+00	0.00E+00	4.33E-04	1.87E-01	7.38E+01	0.00E+00	8.06E-09	2.59E-07	4.34E-02	1.25E-04	9.68E-02	0.00E+00	7.38E+01	2.03E-07	7.38E+01	7.36E+01	9.68E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-02
MES-SRTV128	3.39E-02	5.61E+00	0.00E+00	5.61E+00	0.00E+00	0.00E+00	3.63E+00	2.04E-06	1.65E-02	1.75E-01	0.00E+00	0.00E+00	9.87E-11	1.84E-09	1.34E-02	0.00E+00	0.00E+00	0.00E+00	4.60E-04	1.99E-01	7.73E+01	0.00E+00	8.56E-09	2.77E-07	4.58E-02	1.33E-04	1.03E-01	0.00E+00	7.73E+01	2.16E-07	7.73E+01	7.76E+01	1.03E-01	0.00E+00	0.00E+00	0.00E+00	2.09E-02
MES-SRTV131	3.21E-02	5.30E+00	0.00E+00	5.30E+00	0.00E+00	0.00E+00	3.43E+00	1.92E-06	1.56E-02	1.63E-01	0.00E+00	0.00E+00	9.38E-11	1.73E-09	1.25E-02	0.00E+00	0.00E+00	0.00E+00	4.31E-04	1.87E-01	7.33E+01	0.00E+00	8.05E-09	2.58E-07	4.34E-02	1.24E-04	9.68E-02	0.00E+00	7.33E+01	2.02E-07	7.33E+01	7.30E+01	9.68E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-02
MES-SRTV135	3.39E-02	5.61E+00	0.00E+00	5.61E+00	0.00E+00	0.00E+00	3.63E+00	2.04E-06	1.65E-02	1.75E-01	0.00E+00	0.00E+00	9.87E-11	1.85E-09	1.34E-02	0.00E+00	0.00E+00	0.00E+00	4.60E-04	1.99E-01	7.73E+01	0.00E+00	8.56E-09	2.77E-07	4.58E-02	1.33E-04	1.03E-01	0.00E+00	7.73E+01	2.16E-07	7.73E+01	7.76E+01	1.03E-01	0.00E+00	0.00E+00	0.00E+00	2.09E-02
MES-SRTV142	4.14E-02	6.81E+00	0.00E+00	6.81E+00	0.00E+00	0.00E+00	4.40E+00	2.51E-06	2.03E-02	2.17E-01	0.00E+00	0.00E+00	1.20E-10	2.30E-09	1.63E-02	0.00E+00	0.00E+00	0.00E+00	5.97E-04	2.35E-01	9.33E+01	0.00E+00	1.06E-08	3.53E-07	5.41E-02	1.71E-04	1.26E-01	0.00E+00	9.33E+01	2.64E-07	9.33E+01	9.48E+01	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.64E-02
MES-SRTV144	4.20E-02	6.88E+00	0.00E+00	6.88E+00	0.00E+00	0.00E+00	4.54E+00	2.53E-06	2.05E-02	2.19E-01	0.00E+00	0.00E+00	1.21E-10	2.32E-09	1.64E-02	0.00E+00	0.00E+00	0.00E+00	6.01E-04	2.36E-01	9.52E+01	0.00E+00	1.07E-08	3.56E-07	5.45E-02	1.74E-04	1.28E-01	0.00E+00	9.52E+01	2.67E-07	9.52E+01	9.58E+01	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
MES-SRTV812	3.24E-02	5.32E+00	0.00E+00	5.32E+00	0.00E+00	0.00E+00	3.44E+00	1.94E-06	1.58E-02	1.64E-01	0.00E+00	0.00E+00	9.38E-11	1.74E-09	1.25E-02	0.00E+00	0.00E+00	0.00E+00	4.33E-04	1.87E-01	7.38E+01	0.00E+00	8.06E-09	2.60E-07	4.34E-02	1.25E-04	9.68E-02	0.00E+00	7.38E+01	2.03E-07	7.38E+01	7.36E+01	9.68E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-02
MES-SRTV815	2.64E-02	4.62E+00	0.00E+00	4.62E+00	0.00E+00	0.00E+00	2.93E+00	1.60E-06	1.35E-02	1.38E-01	0.00E+00	0.00E+00	7.89E-11	1.44E-09	1.06E-02	0.00E+00	0.00E+00	0.00E+00	3.54E-04	1.59E-01	6.32E+01	0.00E+00	6.72E-09	2.08E-07	3.75E-02	1.05E-04	8.17E-02	0.00E+00	6.32E+01	1.70E-07	6.32E+01	6.27E+01	8.17E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-02
MES-SRTV818	3.33E-02	5.52E+00	0.00E+00	5.52E+00	0.00E+00	0.00E+00	3.58E+00	2.02E-06	1.63E-02	1.72E-01	0.00E+00	0.00E+00	9.73E-11	1.81E-09	1.31E-02	0.00E+00	0.00E+00	0.00E+00	4.50E-04	1.96E-01	7.63E+01	0.00E+00	8.44E-09	2.70E-07	4.49E-02	1.31E-04	1.01E-01	0.00E+00	7.63E+01	2.13E-07	7.63E+01	7.66E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	2.05E-02
MES-SRTV821	2.63E-02	4.62E+00	0.00E+00	4.62E+00	0.00E+00	0.00E+00	2.93E+00	1.60E-06	1.35E-02	1.38E-01	0.00E+00	0.00E+00	7.89E-11	1.44E-09	1.06E-02	0.00E+00	0.00E+00	0.00E+00	3.54E-04	1.59E-01	6.32E+01	0.00E+00	6.72E-09	2.08E-07	3.75E-02	1.05E-04	8.17E-02	0.00E+00	6.32E+01	1.70E-07	6.32E+01	6.27E+01	8.17E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-02
MES-SRTV828	3.39E-02	5.61E+00	0.00E+00	5.61E+00	0.00E+00	0.00E+00	3.63E+00	2.04E-06	1.65E-02	1.75E-01	0.00E+00	0.00E+00	9.87E-11	1.84E-09	1.34E-02	0.00E+00	0.00E+00	0.00E+00	4.60E-04	1.99E-01	7.73E+01	0.00E+00	8.56E-09	2.77E-07	4.58E-02	1.33E-04	1.03E-01	0.00E+00	7.73E+01	2.16E-07	7.73E+01	7.76E+01	1.03E-01	0.00E+00	0.00E+00	0.00E+00	2.09E-02
MES-SRTV831	3.21E-02	5.30E+00	0.00E+00	5.30E+00	0.00E+00	0.00E+00	3.43E+00	1.92E-06	1.56E-02	1.63E-01	0.00E+00	0.00E+00	9.38E-11	1.73E-09	1.25E-02	0.00E+00	0.00E+00	0.00E+00	4.31E-04	1.87E-01	7.33E+01	0.00E+00	8.05E-09	2.58E-07	4.34E-02	1.24E-04	9.68E-02	0.00E+00	7.33E+01	2.02E-07	7.33E+01	7.30E+01	9.68E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-02
MES-SRTV835	3.39E-02	5.61E+00	0.00E+00	5.61E+00	0.00E+00	0.00E+00	3.63E+00	2.04E-06	1.65E-02	1.75E-01	0.00E+00	0.00E+00	9.87E-11	1.85E-09	1.34E-02	0.00E+00	0.00E+00	0.00E+00	4.60E-04	1.99E-01	7.73E+01	0.00E+00	8.56E-09	2.77E-07	4.58E-02	1.33E-04	1.03E-01	0.00E+00	7.73E+01	2.16E-07	7.73E+01	7.76E+01	1.03E-01	0.00E+00	0.00E+00	0.00E+00	2.09E-02
MES-SRTV840	3.72E-02	5.50E+00	0.00E+00	5.50E+00	0.00E+00	0.00E+00	3.51E+00	2.09E-06	1.71E-02	1.89E-01	0.00E+00	0.00E+00	9.99E-11	1.93E-09	1.45E-02	0.00E+00	0.00E+00	0.00E+00	5.04E-04	1.96E-01	7.95E+01	0.00E+00	7.99E-09	2.94E-07	4.77E-02	1.44E-04	1.15E-01	0.00E+00	7.95E+01	2.15E-07	7.95E+01	8.29E+01	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.19E-02
MES-SRTV842	4.10E-02	6.76E+00	0.00E+00	6.76E+00	0.00E+00	0.00E+00	4.44E+00	2.47E-06	2.00E-02	2.14E-01	0.00E+00	0.00E+00	1.19E-10	2.27E-09	1.60E-02	0.00E+00	0.00E+00	0.00E+00	5.87E-04	2.34E-01	9.23E+01	0.00E+00	1.04E-08	3.49E-07	5.33E-02	1.68E-04	1.25E-01	0.00E+00	9.23E+01	2.60E-07	9.23E+01	9.33E+01	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.63E-02
MES-SRTV844	4.14E-02	6.81E+00	0.00E+00	6.81E+00	0.00E+00	0.00E+00	4.49E+00	2.51E-06	2.03E-02	2.17E-01	0.00E+00	0.00E+00	1.20E-10	2.30E-09	1.63E-02	0.00E+00	0.00E+00	0.00E+00	5.97E-04	2.35E-01	9.33E+01	0.00E+00	1.06E-08	3.53E-07	5.41E-02	1.71E-04	1.26E-01	0.00E+00	9.33E+01	2.64E-07	9.33E+01	9.48E+01	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.64E-02
MES-SRTV912	3.24E-02	5.32E+00	0.00E+00	5.32E+00	0.00E+00	0.00E+00	3.44E+00	1.94E-06	1.58E-02	1.64E-01	0.00E+00	0.00E+00	9.38E-11	1.74E-09	1.25E-02	0.00E+00	0.00E+00	0.00E+00	4.33E-04	1.87E-01	7.38E+01	0.00E+00	8.06E-09	2.60E-07	4.34E-02	1.25E-04	9.68E-02	0.00E+00	7.38E+01	2.03E-07	7.38E+01	7.36E+01	9.68E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-02
MES-SRTV915	2.63E-02	4.62E+00	0.00E+00	4.62E+00	0.00E+00	0.00E+00	2.93E+00	1.59E-06	1.35E-02	1.38E-01	0.00E+00	0.00E+00	7.89E-11	1.44E-09	1.06E-02	0.00E+00	0.00E+00	0.00E+00	3.54E-04	1.59E-01	6.32E+01	0.00E+00	6.72E-09	2.08E-07	3.75E-02	1.05E-04	8.17E-02	0.00E+00	6.32E+01	1.70E-07	6.32E+01	6.27E+01	8.17E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-02
MES-SRTV919	3.26E-02	5.38E+00	0.00E+00	5.38E+00	0.00E+00	0.00E+00	3.49E+00	1.96E-06	1.59E-02	1.67E-01	0.00E+00	0.00E+00	9.50E-11	1.76E-09	1.27E-02	0.00E+00	0.00E+00	0.00E+00	4.40E-04	1.90E-01	7.47E+01	0.00E+00	8.21E-09	2.63E-07	4.39E-02	1.27E-04	9.80E-02	0.00E+00	7.47E+01	2.05E-07	7.47E+01	7.46E+01	9.80E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-02
MES-SRTV921	2.63E-02	4.62E+00	0.00E+00	4.62E+00	0.00E+00	0.00E+00	2.93E+00	1.60E-06	1.35E-02	1.38E-01	0.00E+00	0.00E+00	7.90E-11	1.44E-09	1.06E-02	0.00E+00	0.00E+00	0.00E+00	3.54E-04	1.59E-01	6.32E+01	0.00E+00	6.73E-09	2.08E-07	3.75E-02	1.05E-04	8.17E-02	0.00E+00	6.32E+01	1.70E-07	6.32E+01	6.27E+01	8.17E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-02
MES-SRTV928	3.39E-02	5.61E+00	0.00E+00	5.61E+00	0.00E+00	0.00E+00	3.63E+00	2.04E-06	1.65E-02	1.75E-01	0.00E+00	0.00E+00	9.87E-11	1.84E-09	1.34E-02	0.00E+00	0.00E+00	0.00E+00	4.60E-04	1.99E-01	7.73E+01	0.00E+00	8.56E-09	2.77E-07	4.58E-02	1.33E-04	1.03E-01	0.00E+00	7.73E+01	2.16E-07	7.73E+01	7.76E+01	1.03E-01	0.00E+00	0.00E+00	0.00E+00	2.09E-02
MES-SRTV931	3.21E-02	5.30E+00	0.00E+00	5.30E+00	0.00E+00	0.00E+00	3.43E+00	1.92E-06	1.56E-02	1.63E-01	0.00E+00	0.00E+00	9.38E-11	1.73E-09	1.25E-02	0.00E+00	0.00E+00	0.00E+00	4.31E-04	1.87E-01	7.33E+01	0.00E+00	8.05E-09	2.58E-07	4.34E-02	1.24E-04	9.68E-02	0.00E+00	7.33E+01	2.02E-07	7.33E+01	7.30E+01	9.68E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-02
MES-SRTV935	3.39E-02	5.61E+00	0.00E+00	5.61E+00	0.00E+00	0.00E+00	3.63E+00	2.04E-06	1.65E-02	1.75E-01	0.00E+00	0.00E+00	9.87E-11	1.85E-09	1.34E-02	0.00E+00	0.00E+00	0.00E+00	4.60E-04	1.99E-01	7.73E+01	0.00E+00	8.56E-09	2.77E-07	4.58E-02	1.33E-04	1.03E-01	0.00E+00	7.73E+01	2.16E-07	7.73E+01	7.76E+01	1.03E-01	0.00E+00	0.00E+00	0.00E+00	2.09E-02
MES-SRTV940	3.65E-02	5.48E+00	0.00E+00	5.48E+00	0.00E+00	0.00E+00	3.49E+00	2.08E-06	1.70E-02	1.88E-01	0.00E+00	0.00E+00	9.94E-11	1.93E-09	1.44E-02	0.00E+00	0.00E+00	0.00E+00	5.03E-04	1.94E-01	7.89E+01	0.00E+00	7.95E-09	2.94E-07	4.74E-02	1.43E-04	1.14E-01	0.00E+00	7.89E+01	2.13E-07	7.89E+01	8.24E+01	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.19E-02
MES-SRTV942	4.10E-02	6.76E+00	0.00E+00	6.76E+00	0.00E+00	0.00E+00	4.44E+00	2.47E-06	2.00E-02	2.14E-01	0.00E+00	0.00E+00	1.19E-10	2.27E-09	1.60E-02	0.00E+00	0.00E+00	0.00E+00	5.87E-04	2.34E-01	9.23E+01	0.00E+00	1.04E-08	3.49E-07	5.33E-02	1.68E-04	1.25E-01	0.00E+00	9.23E+01	2.60E-07	9.23E+01	9.33E+01	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.63E-02
MES-SRTV944	4.14E-02	6.81E+00	0.00E+00	6.81E+00	0.00E+00	0.00E+00	4.49E+00	2.51E-06	2.03E-02	2.17E-01	0.00E+00	0.00E+00	1.20E-10	2.30E-09	1.63E-02	0.00E+00	0.00E+00	0.00E+00	5.97E-04	2.35E-01	9.33E+01	0.00E+00	1.06E-08	3.53E-07	5.41E-02	1.71E-04	1.26E-01	0.00E+00	9.33E+01	2.64E-07	9.33E+01	9.48E+01	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.64E-02
MES-SRV112	3.27E-02	5.38E+00	0.00E+00	5.38E+00	0.00E+00	0.00E+00	3.49E+00	1.96E-06	1.59E-02	1.67E-01	0.00E+00	0.00E+00	9.50E-11	1.77E-09	1.27E-02	0.00E+00	0.00E+00	0.00E+00	4.40E-04	1.90E-01	7.47E+01	0.00E+00	8.21E-09	2.64E-07	4.39E-02	1.27E-04	9.80E-02	0.00E+00	7.47E+01	2.05E-07	7.47E+01	7.46E+01	9.80E-02	0.00E+00	0.00E+00	0.00E+00	1.98E-02
MES-SRV115	3.23E-02	5.32E+00	0.00E+00	5.32E+00	0.00E+00	0.00E+00	3.44E+00	1.93E-06	1.58E-02	1.64E-01	0.00E+00	0.00E+00	9.38E-11	1.74E-09	1.25E-02	0.00E+00	0.00E+00	0.00E+00	4.33E-04	1.87E-01	7.38E+01	0.00E+00	8.06E-09	2.59E-07	4.34E-02	1.25E-04	9.68E-02	0.00E+00	7.38E+01	2.03E-07	7.38E+01	7.36E+01	9.68E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-02
MES-SRV118	3.39E-02	5.60E+00	0.00E+00	5.60E+00	0.00E+00	0.00E+00	3.63E+00	2.05E-06	1.65E-02	1.75E-01	0.00E+00	0.00E+00	9.84E-11	1.84E-09	1.33E-02	0.00E+00	0.00E+00	0.00E+00	4.59E-04	1.98E-01	7.74E+01	0.00E+00	8.54E-09	2.75E-07	4.56E-02	1.32E-04	1.02E-01	0.00E+00	7.74E+01	2.16E-07	7.74E+01	7.77E+01	1.02E-01	0.00E+00	0.00E+00	0.00E+00	2.08E-02
MES-SRV121	3.23E-02	5.32E+00	0.00E+00	5.32E+00	0.00E+00	0.00E+00	3.44E+00	1.93E-06	1.58E-02	1.64E-01	0.00E+00	0.00E+00	9.38E-11	1.74E-09	1.25E-02	0.00E+00	0.00E+00	0.00E+00	4.33E-04	1.87E-01	7.38E+01	0.00E+00	8.06E-09	2.59E-07	4.34E-02	1.25E-04	9.68E-02	0.00E+00	7.38E+01	2.03E-07	7.38E+01	7.36E+01	9.68E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-02
MES-SRV128	3.39E-02	5.61E+00	0.00E+00	5.61E+00	0.00E+00	0.00E+00	3.63E+00	2.04E-06	1.65E-02	1.75E-01	0.00E+00	0.00E+00	9.87E-11	1.84E-09	1.34E-02	0.00E+00	0.00E+00	0.00E+00	4.60E-04	1.99E-01	7.73E+01	0.00E+00	8.56E-09	2.77E-07	4.58E-02	1.33E-04	1.03E-01	0.00E+00	7.73E+01	2.16E-07	7.73E+01	7.76E+01	1.03E-01	0.00E+00	0.00E+00	0.00E+00	2.09E-02
MES-SRV131	3.24E-02	5.35E+00	0.00E+00	5.35E+00	0.00E+00	0.00E+00	3.48E+00	1.94E-06	1.58E-02	1.66E-01	0.00E+00	0.00E+00	9.48E-11	1.76E-09	1.27E-02	0.00E+00	0.00E+00	0.00E+00	4.38E-04	1.90E-01	7.42E+01	0.00E+00	8.19E-09	2.63E-07	4.38E-02	1.26E-04	9.80E-02	0.00E+00	7.42E+01	2.05E-07	7.42E+01	7.40E+01	9.80E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-02
MES-SRV135	3.65E-02	6.05E+00	0.00E+00	6.05E+00	0.00E+00	0.00E+00	3.91E+00	2.20E-06	1.75E-02	1.88E-01	0.00E+00	0.00E+00	1.06E-10	1.99E-09	1.43E-02	0.00E+00	0.00E+00	0.00E+00	5.03E-04	2.14E-01	8.31E+01	0.00E+00	9.18E-09	3.04E-07	4.87E-02	1.46E-04	1.11E-01	0.00E+00	8.31E+01	2.34E-07	8.31E+01	8.29E+01	1.11E-01	0.00E+00	0.00E+00	0.00E+00	2.31E-02
MES-SRV136	3.10E-02	4.90E+00	0.00E+00	4.90E+00	0.00E+00	0.00E+00	3.19E+00	1.82E-06	1.43E-02	1.61E-01	0.00E+00	0.00E+00	8.71E-11	1.68E-09	1.21E-02	0.00E+00	0.00E+00	0.00E+00	4.28E-04	1.74E-01	6.86E+01	0.00E+00	7.39E-09	2.47E-07	4.26E-02	1.22E-04	9.10E-02	0.00E+00	6.86E+01	1.95E-07	6.86E+01	6.79E+01	9.10E-02	0.00E+00	0.00E+00	0.00E+00	1.90E-02
MES-SRV140	3.64E-02	5.39E+00	0.00E+00	5.39E+00	0.00E+00	0.00E+00	3.43E+00	2.05E-06	1.67E-02	1.86E-01	0.00E+00	0.00E+00	9.83E-11	1.90E-09	1.42E-02	0.00E+00	0.00E+00	0.00E+00	4.98E-04	1.93E-01	7.85E+01	0.00E+00	7.90E-09	2.88E-07	4.70E-02	1.41E-04	1.14E-01	0.00E+00	7.85E+01	2.10E-07	7.85E+01	8.15E+01	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.15E-02
MES-SRV142	4.16E-02	6.83E+00	0.00E+00	6.83E+00	0.00E+00	0.00E+00	4.50E+00	2.52E-06	2.03E-02	2.17E-01	0.00E+00	0.00E+00	1.20E-10	2.31E-09	1.63E-02	0.00E+00	0.00E+00	0.00E+00	5.97E-04	2.35E-01	9.42E+01	0.00E+00	1.06E-08	3.55E-07	5.41E-02	1.72E-04	1.27E-01	0.00E+00	9.42E+01	2.65E-07	9.42E+01	9.50E+01	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.64E-02
MES-SRV144	4.21E-02	6.91E+00	0.00E+00	6.91E+00	0.00E+00	0.00E+00	4.55E+00	2.54E-06	2.06E-02	2.19E-01	0.00E+00	0.00E+00	1.21E-10	2.33E-09	1.65E-02	0.00E+00	0.00E+00	0.00E+00	6.03E-04	2.37E-01	9.54E+01	0.00E+00	1.07E-08	3.60E-07	5.48E-02	1.75E-04	1.28E-01	0.00E+00	9.54E+01	2.67E-07	9.54E+01	9.58E+01	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
MES-SRV812	3.24E-02	5.32E+00	0.00E+00	5.32E+00	0.00E+00	0.00E+00	3.44E+00	1.94E-06	1.58E-02	1.64E-01	0.00E+00	0.00E+00	9.38E-11	1.74E-09	1.25E-02	0.00E+00	0.00E+00	0.00E+00	4.33E-04	1.87E-01	7.38E+01	0.00E+00	8.06E-09	2.60E-07	4.34E-02	1.25E-04	9.68E-02	0.00E+00	7.38E+01	2.03E-07	7.38E+01	7.36E+01	9.68E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-02
MES-SRV815	2.63E-02	4.62E+00	0.00E+00	4.62E+00	0.00E+00	0.00E+00	2.93E+00	1.60E-06	1.35E-02	1.38E-01	0.00E+00	0.00E+00	7.89E-11	1.44E-09	1.06E-02	0.00E+00	0.00E+00	0.00E+00	3.54E-04	1.59E-01	6.32E+01	0.00E+00	6.72E-09	2.08E-07	3.75E-02	1.05E-04	8.17E-02	0.00E+00	6.32E+01	1.70E-07	6.32E+01	6.27E+01	8.17E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-02
MES-SRV818	3.33E-02	5.52E+00	0.00E+00	5.52E+00	0.00E+00	0.00E+00	3.58E+00	2.02E-06	1.63E-02	1.72E-01	0.00E+00	0.00E+00	9.73E-11	1.81E-09	1.31E-02	0.00E+00	0.00E+00	0.00E+00	4.50E-04	1.96E-01	7.63E+01	0.00E+00	8.44E-09	2.70E-07	4.49E-02	1.31E-04	1.01E-01	0.00E+00	7.63E+01	2.13E-07	7.63E+01	7.66E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	2.05E-02
MES-SRV821	2.63E-02	4.62E+00	0.00E+00	4.62E+00	0.00E+00	0.00E+00	2.93E+00	1.60E-06	1.35E-02	1.38E-01	0.00E+00	0.00E+00	7.89E-11	1.44E-09	1.06E-02	0.00E+00	0.00E+00	0.00E+00	3.54E-04	1.59E-01	6.32E+01	0.00E+00	6.72E-09	2.08E-07	3.75E-02	1.05E-04	8.17E-02	0.00E+00	6.32E+01	1.70E-07	6.32E+01	6.27E+01	8.17E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-02
MES-SRV828	3.39E-02	5.61E+00	0.00E+00	5.61E+00	0.00E+00	0.00E+00	3.63E+00	2.04E-06	1.65E-02	1.75E-01	0.00E+00	0.00E+00	9.87E-11	1.84E-09	1.34E-02	0.00E+00	0.00E+00	0.00E+00	4.60E-04	1.99E-01	7.73E+01	0.00E+00	8.56E-09	2.77E-07	4.58E-02	1.33E-04	1.03E-01	0.00E+00	7.73E+01	2.16E-07	7.73E+01	7.76E+01	1.03E-01	0.00E+00	0.00E+00	0.00E+00	2.09E-02
MES-SRV831	3.21E-02	5.30E+00	0.00E+00	5.30E+00	0.00E+00	0.00E+00	3.43E+00	1.92E-06	1.56E-02	1.63E-01	0.00E+00	0.00E+00	9.38E-11	1.73E-09	1.25E-02	0.00E+00	0.00E+00	0.00E+00	4.31E-04	1.87E-01	7.33E+01	0.00E+00	8.05E-09	2.58E-07	4.34E-02	1.24E-04	9.68E-02	0.00E+00	7.33E+01	2.02E-07	7.33E+01	7.30E+01	9.68E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-02
MES-SRV835	3.39E-02	5.61E+00	0.00E+00	5.61E+00	0.00E+00	0.00E+00	3.63E+00	2.04E-06	1.65E-02	1.75E-01	0.00E+00	0.00E+00	9.87E-11	1.85E-09	1.34E-02	0.00E+00	0.00E+00	0.00E+00	4.60E-04	1.99E-01	7.73E+01	0.00E+00	8.56E-09	2.77E-07	4.58E-02	1.33E-04	1.03E-01	0.00E+00	7.73E+01	2.16E-07	7.73E+01	7.76E+01	1.03E-01	0.00E+00	0.00E+00	0.00E+00	2.09E-02
MES-SRV836	2.48E-02	4.06E+00	0.00E+00	4.06E+00	0.00E+00	0.00E+00	2.61E+00	1.47E-06	1.17E-02	1.31E-01	0.00E+00	0.00E+00	6.93E-11	1.37E-09	9.91E-03	0.00E+00	0.00E+00	0.00E+00	3.39E-04	1.44E-01	5.68E+01	0.00E+00	6.07E-09	1.96E-07	3.59E-02	1.00E-04	7.45E-02	0.00E+00	5.68E+01	1.62E-07	5.68E+01	5.53E+01	7.45E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-02
MES-SRV840	3.65E-02	5.48E+00	0.00E+00	5.48E+00	0.00E+00	0.00E+00	3.49E+00	2.08E-06	1.70E-02	1.88E-01	0.00E+00	0.00E+00	9.94E-11	1.93E-09	1.44E-02	0.00E+00	0.00E+00	0.00E+00	5.03E-04	1.94E-01	7.89E+01	0.00E+00	7.95E-09	2.94E-07	4.74E-02	1.43E-04	1.14E-01	0.00E+00	7.89E+01	2.13E-07	7.89E+01	8.24E+01	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.19E-02
MES-SRV842	4.10E-02

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M-R1503020	3.31E-02	5.09E+00	0.00E+00	5.09E+00	0.00E+00	0.00E+00	3.33E+00	2.00E-06	1.55E-02	1.71E-01	0.00E+00	0.00E+00	8.95E-11	1.77E-09	1.33E-02	0.00E+00	0.00E+00	0.00E+00	4.69E-04	1.84E-01	7.38E+01	0.00E+00	7.90E-09	2.69E-07	4.39E-02	1.28E-04	9.99E-02	0.00E+00	7.38E+01	2.05E-07	7.38E+01	7.23E+01	9.99E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-02
M-R1503020S	1.68E-02	2.83E+00	0.00E+00	2.83E+00	0.00E+00	0.00E+00	1.79E+00	1.28E-06	8.41E-03	1.02E-01	0.00E+00	0.00E+00	4.69E-11	1.15E-09	9.59E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04	9.21E-02	3.65E+01	0.00E+00	4.65E-09	1.47E-07	2.60E-02	9.60E-05	6.65E-02	0.00E+00	3.65E+01	1.22E-07	3.65E+01	3.93E+01	6.65E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-02
M-R1503022	3.34E-02	5.18E+00	0.00E+00	5.18E+00	0.00E+00	0.00E+00	3.41E+00	2.03E-06	1.58E-02	1.73E-01	0.00E+00	0.00E+00	9.04E-11	1.80E-09	1.35E-02	0.00E+00	0.00E+00	0.00E+00	4.74E-04	1.85E-01	7.43E+01	0.00E+00	7.96E-09	2.75E-07	4.44E-02	1.29E-04	1.01E-01	0.00E+00	7.43E+01	2.10E-07	7.43E+01	7.33E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.98E-02
M-R1503022S	1.81E-02	2.77E+00	0.00E+00	2.77E+00	0.00E+00	0.00E+00	1.74E+00	1.21E-06	8.17E-03	9.88E-02	0.00E+00	0.00E+00	4.48E-11	1.06E-09	9.03E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04	9.21E-02	3.56E+01	0.00E+00	4.52E-09	1.47E-07	2.46E-02	8.33E-05	6.41E-02	0.00E+00	3.56E+01	1.15E-07	3.56E+01	3.80E+01	6.41E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-02
M-R1504018	3.31E-02	5.09E+00	0.00E+00	5.09E+00	0.00E+00	0.00E+00	3.33E+00	2.00E-06	1.55E-02	1.71E-01	0.00E+00	0.00E+00	8.95E-11	1.77E-09	1.33E-02	0.00E+00	0.00E+00	0.00E+00	4.69E-04	1.84E-01	7.38E+01	0.00E+00	7.90E-09	2.69E-07	4.39E-02	1.28E-04	9.99E-02	0.00E+00	7.38E+01	2.05E-07	7.38E+01	7.23E+01	9.99E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-02
M-R1504018S	1.82E-02	2.72E+00	0.00E+00	2.72E+00	0.00E+00	0.00E+00	1.72E+00	1.20E-06	8.13E-03	9.75E-02	0.00E+00	0.00E+00	4.44E-11	1.05E-09	8.92E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04	9.17E-02	3.53E+01	0.00E+00	4.42E-09	1.47E-07	2.42E-02	8.19E-05	6.28E-02	0.00E+00	3.53E+01	1.14E-07	3.53E+01	3.77E+01	6.28E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-02
M-R1504020	3.33E-02	5.13E+00	0.00E+00	5.13E+00	0.00E+00	0.00E+00	3.37E+00	2.02E-06	1.57E-02	1.72E-01	0.00E+00	0.00E+00	9.03E-11	1.79E-09	1.34E-02	0.00E+00	0.00E+00	0.00E+00	4.71E-04	1.85E-01	7.41E+01	0.00E+00	7.93E-09	2.73E-07	4.41E-02	1.28E-04	1.01E-01	0.00E+00	7.41E+01	2.09E-07	7.41E+01	7.29E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.97E-02
M-R1504020L	1.42E-01	2.24E+01	0.00E+00	2.24E+01	0.00E+00	0.00E+00	1.47E+01	8.40E-06	6.65E-02	7.30E-01	0.00E+00	0.00E+00	3.94E-10	7.62E-09	5.46E-02	0.00E+00	0.00E+00	0.00E+00	1.98E-03	7.86E-01	3.13E+02	0.00E+00	3.43E-08	1.15E-06	1.84E-01	5.60E-04	4.17E-01	0.00E+00	3.13E+02	8.82E-07	3.13E+02	3.13E+02	4.17E-01	0.00E+00	0.00E+00	0.00E+00	8.51E-02
M-R1504020S	1.68E-02	2.82E+00	0.00E+00	2.82E+00	0.00E+00	0.00E+00	1.78E+00	1.29E-06	8.40E-03	1.02E-01	0.00E+00	0.00E+00	4.67E-11	1.16E-09	9.60E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04	9.21E-02	3.65E+01	0.00E+00	4.65E-09	1.47E-07	2.60E-02	9.65E-05	6.67E-02	0.00E+00	3.65E+01	1.22E-07	3.65E+01	3.93E+01	6.67E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-02
M-R1504022	3.34E-02	5.18E+00	0.00E+00	5.18E+00	0.00E+00	0.00E+00	3.41E+00	2.03E-06	1.58E-02	1.73E-01	0.00E+00	0.00E+00	9.04E-11	1.80E-09	1.35E-02	0.00E+00	0.00E+00	0.00E+00	4.74E-04	1.85E-01	7.43E+01	0.00E+00	7.96E-09	2.75E-07	4.44E-02	1.29E-04	1.01E-01	0.00E+00	7.43E+01	2.10E-07	7.43E+01	7.33E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.98E-02
M-R1504022S	1.81E-02	2.76E+00	0.00E+00	2.76E+00	0.00E+00	0.00E+00	1.73E+00	1.21E-06	8.17E-03	9.86E-02	0.00E+00	0.00E+00	4.48E-11	1.06E-09	9.03E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04	9.21E-02	3.56E+01	0.00E+00	4.50E-09	1.47E-07	2.47E-02	8.33E-05	6.41E-02	0.00E+00	3.56E+01	1.15E-07	3.56E+01	3.79E+01	6.41E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-02
M-R1505018	3.31E-02	5.09E+00	0.00E+00	5.09E+00	0.00E+00	0.00E+00	3.33E+00	2.00E-06	1.55E-02	1.71E-01	0.00E+00	0.00E+00	8.95E-11	1.77E-09	1.33E-02	0.00E+00	0.00E+00	0.00E+00	4.69E-04	1.84E-01	7.38E+01	0.00E+00	7.90E-09	2.69E-07	4.39E-02	1.28E-04	9.99E-02	0.00E+00	7.38E+01	2.05E-07	7.38E+01	7.23E+01	9.99E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-02
M-R1505018S	1.82E-02	2.72E+00	0.00E+00	2.72E+00	0.00E+00	0.00E+00	1.72E+00	1.20E-06	8.12E-03	9.74E-02	0.00E+00	0.00E+00	4.44E-11	1.05E-09	8.94E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04	9.17E-02	3.53E+01	0.00E+00	4.44E-09	1.47E-07	2.43E-02	8.25E-05	6.27E-02	0.00E+00	3.53E+01	1.15E-07	3.53E+01	3.77E+01	6.27E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-02
M-R1505020	3.34E-02	5.18E+00	0.00E+00	5.18E+00	0.00E+00	0.00E+00	3.41E+00	2.03E-06	1.58E-02	1.73E-01	0.00E+00	0.00E+00	9.04E-11	1.80E-09	1.35E-02	0.00E+00	0.00E+00	0.00E+00	4.74E-04	1.85E-01	7.43E+01	0.00E+00	7.96E-09	2.75E-07	4.44E-02	1.29E-04	1.01E-01	0.00E+00	7.43E+01	2.10E-07	7.43E+01	7.33E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.98E-02
M-R1505020S	1.68E-02	2.82E+00	0.00E+00	2.82E+00	0.00E+00	0.00E+00	1.78E+00	1.29E-06	8.40E-03	1.02E-01	0.00E+00	0.00E+00	4.67E-11	1.16E-09	9.61E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04	9.21E-02	3.65E+01	0.00E+00	4.65E-09	1.47E-07	2.60E-02	9.65E-05	6.67E-02	0.00E+00	3.65E+01	1.22E-07	3.65E+01	3.93E+01	6.67E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-02
M-R1505022	3.34E-02	5.18E+00	0.00E+00	5.18E+00	0.00E+00	0.00E+00	3.41E+00	2.03E-06	1.58E-02	1.73E-01	0.00E+00	0.00E+00	9.04E-11	1.80E-09	1.35E-02	0.00E+00	0.00E+00	0.00E+00	4.74E-04	1.85E-01	7.43E+01	0.00E+00	7.96E-09	2.75E-07	4.44E-02	1.29E-04	1.01E-01	0.00E+00	7.43E+01	2.10E-07	7.43E+01	7.33E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.98E-02
M-R1505022S	1.81E-02	2.76E+00	0.00E+00	2.76E+00	0.00E+00	0.00E+00	1.73E+00	1.22E-06	8.17E-03	9.86E-02	0.00E+00	0.00E+00	4.48E-11	1.06E-09	9.03E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04	9.21E-02	3.56E+01	0.00E+00	4.50E-09	1.47E-07	2.47E-02	8.33E-05	6.41E-02	0.00E+00	3.56E+01	1.15E-07	3.56E+01	3.79E+01	6.41E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-02
M-R1506018	3.33E-02	5.13E+00	0.00E+00	5.13E+00	0.00E+00	0.00E+00	3.37E+00	2.02E-06	1.57E-02	1.72E-01	0.00E+00	0.00E+00	9.03E-11	1.79E-09	1.34E-02	0.00E+00	0.00E+00	0.00E+00	4.71E-04	1.85E-01	7.41E+01	0.00E+00	7.93E-09	2.73E-07	4.41E-02	1.28E-04	1.01E-01	0.00E+00	7.41E+01	2.09E-07	7.41E+01	7.29E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.97E-02
M-R1506018S	1.82E-02	2.72E+00	0.00E+00	2.72E+00	0.00E+00	0.00E+00	1.72E+00	1.20E-06	8.12E-03	9.74E-02	0.00E+00	0.00E+00	4.44E-11	1.05E-09	8.94E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04	9.17E-02	3.53E+01	0.00E+00	4.44E-09	1.47E-07	2.43E-02	8.25E-05	6.27E-02	0.00E+00	3.53E+01	1.15E-07	3.53E+01	3.77E+01	6.27E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-02
M-R1506020	3.34E-02	5.18E+00	0.00E+00	5.18E+00	0.00E+00	0.00E+00	3.41E+00	2.03E-06	1.58E-02	1.73E-01	0.00E+00	0.00E+00	9.04E-11	1.80E-09	1.35E-02	0.00E+00	0.00E+00	0.00E+00	4.74E-04	1.85E-01	7.43E+01	0.00E+00	7.96E-09	2.75E-07	4.44E-02	1.29E-04	1.01E-01	0.00E+00	7.43E+01	2.10E-07	7.43E+01	7.33E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.98E-02
M-R1506020S	1.68E-02	2.82E+00	0.00E+00	2.82E+00	0.00E+00	0.00E+00	1.78E+00	1.30E-06	8.40E-03	1.02E-01	0.00E+00	0.00E+00	4.67E-11	1.16E-09	9.61E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04	9.21E-02	3.65E+01	0.00E+00	4.65E-09	1.47E-07	2.60E-02	9.65E-05	6.67E-02	0.00E+00	3.65E+01	1.22E-07	3.65E+01	3.93E+01	6.67E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-02
M-R1506022	3.34E-02	5.18E+00	0.00E+00	5.18E+00	0.00E+00	0.00E+00	3.41E+00	2.03E-06	1.58E-02	1.73E-01	0.00E+00	0.00E+00	9.04E-11	1.80E-09	1.35E-02	0.00E+00	0.00E+00	0.00E+00	4.74E-04	1.85E-01	7.43E+01	0.00E+00	7.96E-09	2.75E-07	4.44E-02	1.29E-04	1.01E-01	0.00E+00	7.43E+01	2.10E-07	7.43E+01	7.33E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.98E-02
M-R1506022S	1.81E-02	2.76E+00	0.00E+00	2.76E+00	0.00E+00	0.00E+00	1.73E+00	1.22E-06	8.17E-03	9.86E-02	0.00E+00	0.00E+00	4.48E-11	1.07E-09	9.03E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04	9.21E-02	3.56E+01	0.00E+00	4.50E-09	1.47E-07	2.47E-02	8.33E-05	6.50E-02	0.00E+00	3.56E+01	1.15E-07	3.56E+01	3.81E+01	6.50E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-02
M-R1508018	3.34E-02	5.18E+00	0.00E+00	5.18E+00	0.00E+00	0.00E+00	3.41E+00	2.03E-06	1.58E-02	1.73E-01	0.00E+00	0.00E+00	9.04E-11	1.80E-09	1.35E-02	0.00E+00	0.00E+00	0.00E+00	4.74E-04	1.85E-01	7.43E+01	0.00E+00	7.96E-09	2.75E-07	4.44E-02	1.29E-04	1.01E-01	0.00E+00	7.43E+01	2.10E-07	7.43E+01	7.33E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.98E-02
M-R1508018S	1.81E-02	2.72E+00	0.00E+00	2.72E+00	0.00E+00	0.00E+00	1.73E+00	1.20E-06	8.12E-03	9.75E-02	0.00E+00	0.00E+00	4.44E-11	1.05E-09	8.95E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04	9.17E-02	3.53E+01	0.00E+00	4.43E-09	1.47E-07	2.42E-02	8.25E-05	6.36E-02	0.00E+00	3.53E+01	1.15E-07	3.53E+01	3.80E+01	6.36E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-02
M-R1508020	3.34E-02	5.18E+00	0.00E+00	5.18E+00	0.00E+00	0.00E+00	3.41E+00	2.03E-06	1.58E-02	1.73E-01	0.00E+00	0.00E+00	9.04E-11	1.80E-09	1.35E-02	0.00E+00	0.00E+00	0.00E+00	4.74E-04	1.85E-01	7.43E+01	0.00E+00	7.96E-09	2.75E-07	4.44E-02	1.29E-04	1.01E-01	0.00E+00	7.43E+01	2.10E-07	7.43E+01	7.33E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.98E-02
M-R1508020S	1.68E-02	2.82E+00	0.00E+00	2.82E+00	0.00E+00	0.00E+00	1.80E+00	1.30E-06	8.40E-03	1.02E-01	0.00E+00	0.00E+00	4.67E-11	1.17E-09	9.71E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-04	9.21E-02	3.65E+01	0.00E+00	4.66E-09	1.47E-07	2.61E-02	8.65E-05	6.76E-02	0.00E+00	3.65E+01	1.22E-07	3.65E+01	3.96E+01	6.76E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-02
M-R1508022	3.34E-02	5.18E+00	0.00E+00	5.18E+00	0.00E+00	0.00E+00	3.41E+00	2.03E-06	1.58E-02	1.73E-01	0.00E+00	0.00E+00	9.04E-11	1.80E-09	1.35E-02	0.00E+00	0.00E+00	0.00E+00	4.74E-04	1.85E-01	7.43E+01	0.00E+00	7.96E-09	2.75E-07	4.44E-02	1.29E-04	1.01E-01	0.00E+00	7.43E+01	2.10E-07	7.43E+01	7.33E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.98E-02
M-R1508022S	1.81E-02	2.77E+00	0.00E+00	2.77E+00	0.00E+00	0.00E+00	1.73E+00	1.22E-06	8.17E-03	9.86E-02	0.00E+00	0.00E+00	4.48E-11	1.07E-09	9.08E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04	9.21E-02	3.56E+01	0.00E+00	4.50E-09	1.47E-07	2.47E-02	8.34E-05	6.50E-02	0.00E+00	3.56E+01	1.15E-07	3.56E+01	3.81E+01	6.50E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-02
M-R1603018	3.31E-02	5.09E+00	0.00E+00	5.09E+00	0.00E+00	0.00E+00	3.33E+00	2.00E-06	1.55E-02	1.71E-01	0.00E+00	0.00E+00	8.95E-11	1.77E-09	1.33E-02	0.00E+00	0.00E+00	0.00E+00	4.69E-04	1.84E-01	7.38E+01	0.00E+00	7.90E-09	2.69E-07	4.39E-02	1.28E-04	9.99E-02	0.00E+00	7.38E+01	2.05E-07	7.38E+01	7.23E+01	9.99E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-02
M-R1603018S	1.82E-02	2.73E+00	0.00E+00	2.73E+00	0.00E+00	0.00E+00	1.74E+00	1.21E-06	8.14E-03	9.74E-02	0.00E+00	0.00E+00	4.45E-11	1.04E-09	8.97E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04	9.17E-02	3.55E+01	0.00E+00	4.46E-09	1.47E-07	2.44E-02	8.16E-05	6.35E-02	0.00E+00	3.55E+01	1.14E-07	3.55E+01	3.79E+01	6.35E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-02
M-R1603020	3.33E-02	5.13E+00	0.00E+00	5.13E+00	0.00E+00	0.00E+00	3.37E+00	2.02E-06	1.57E-02	1.72E-01	0.00E+00	0.00E+00	9.03E-11	1.79E-09	1.34E-02	0.00E+00	0.00E+00	0.00E+00	4.71E-04	1.85E-01	7.41E+01	0.00E+00	7.93E-09	2.73E-07	4.41E-02	1.28E-04	1.01E-01	0.00E+00	7.41E+01	2.09E-07	7.41E+01	7.29E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.97E-02
M-R1603020S	1.68E-02	2.87E+00	0.00E+00	2.87E+00	0.00E+00	0.00E+00	1.81E+00	1.29E-06	8.41E-03	1.04E-01	0.00E+00	0.00E+00	4.72E-11	1.16E-09	9.75E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04	9.21E-02	3.65E+01	0.00E+00	4.68E-09	1.47E-07	2.64E-02	8.68E-05	6.76E-02	0.00E+00	3.65E+01	1.23E-07	3.65E+01	3.94E+01	6.76E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-02
M-R1603022	3.34E-02	5.18E+00	0.00E+00	5.18E+00	0.00E+00	0.00E+00	3.41E+00	2.03E-06	1.58E-02	1.73E-01	0.00E+00	0.00E+00	9.04E-11	1.80E-09	1.35E-02	0.00E+00	0.00E+00	0.00E+00	4.74E-04	1.85E-01	7.43E+01	0.00E+00	7.96E-09	2.75E-07	4.44E-02	1.29E-04	1.01E-01	0.00E+00	7.43E+01	2.10E-07	7.43E+01	7.33E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.98E-02
M-R1603022S	1.83E-02	2.77E+00	0.00E+00	2.77E+00	0.00E+00	0.00E+00	1.74E+00	1.22E-06	8.22E-03	9.86E-02	0.00E+00	0.00E+00	4.55E-11	1.08E-09	9.29E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-04	9.21E-02	3.60E+01	0.00E+00	4.52E-09	1.47E-07	2.46E-02	8.33E-05	6.41E-02	0.00E+00	3.60E+01	1.16E-07	3.60E+01	3.85E+01	6.41E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-02
M-R1604018	3.31E-02	5.09E+00	0.00E+00	5.09E+00	0.00E+00	0.00E+00	3.33E+00	2.00E-06	1.55E-02	1.71E-01	0.00E+00	0.00E+00	8.95E-11	1.77E-09	1.33E-02	0.00E+00	0.00E+00	0.00E+00	4.69E-04	1.84E-01	7.38E+01	0.00E+00	7.90E-09	2.69E-07	4.39E-02	1.28E-04	9.99E-02	0.00E+00	7.38E+01	2.05E-07	7.38E+01	7.23E+01	9.99E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-02
M-R1604018S	1.82E-02	2.72E+00	0.00E+00	2.72E+00	0.00E+00	0.00E+00	1.73E+00	1.21E-06	8.13E-03	9.74E-02	0.00E+00	0.00E+00	4.44E-11	1.05E-09	8.97E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04	9.17E-02	3.57E+01	0.00E+00	4.45E-09	1.47E-07	2.44E-02	8.28E-05	6.35E-02	0.00E+00	3.57E+01	1.15E-07	3.57E+01	3.78E+01	6.35E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-02
M-R1604020	3.34E-02	5.18E+00	0.00E+00	5.18E+00	0.00E+00	0.00E+00	3.41E+00	2.03E-06	1.58E-02	1.73E-01	0.00E+00	0.00E+00	9.04E-11	1.80E-09	1.35E-02	0.00E+00	0.00E+00	0.00E+00	4.74E-04	1.85E-01	7.43E+01	0.00E+00	7.96E-09	2.75E-07	4.44E-02	1.29E-04	1.01E-01	0.00E+00	7.43E+01	2.10E-07	7.43E+01	7.33E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.98E-02
M-R1604020L	1.49E-01	2.36E+01	0.00E+00	2.36E+01	0.00E+00	0.00E+00	1.55E+01	8.85E-06	7.00E-02	7.68E-01	0.00E+00	0.00E+00	4.15E-10	8.02E-09	5.75E-02	0.00E+00	0.00E+00	0.00E+00	2.09E-03	8.28E-01	3.29E+02	0.00E+00	3.62E-08	1.21E-06	1.94E-01	5.90E-04	4.39E-01	0.00E+00	3.29E+02	9.29E-07	3.29E+02	3.30E+02	4.39E-01	0.00E+00	0.00E+00	0.00E+00	8.96E-02
M-R1604020S	1.68E-02	2.86E+00	0.00E+00	2.86E+00	0.00E+00	0.00E+00	1.80E+00	1.29E-06	8.41E-03	1.04E-01	0.00E+00	0.00E+00	4.72E-11	1.17E-09	9.75E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04	9.21E-02	3.65E+01	0.00E+00	4.67E-09	1.47E-07	2.65E-02	8.68E-05	6.76E-02	0.00E+00	3.65E+01	1.23E-07	3.65E+01	3.94E+01	6.76E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-02
M-R1604022	3.34E-02	5.18E+00	0.00E+00	5.18E+00	0.00E+00	0.00E+00	3.41E+00	2.03E-06	1.58E-02	1.73E-01	0.00E+00	0.00E+00	9.04E-11	1.80E-09	1.35E-02	0.00E+00	0.00E+00	0.00E+00	4.74E-04	1.85E-01	7.43E+01	0.00E+00	7.96E-09	2.75E-07	4.44E-02	1.29E-04	1.01E-01	0.00E+00	7.43E+01	2.10E-07	7.43E+01	7.33E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.98E-02
M-R1604022S	1.83E-02	2.76E+00	0.00E+00	2.76E+00	0.00E+00	0.00E+00	1.73E+00	1.23E-06	8.22E-03	9.86E-02	0.00E+00	0.00E+00	4.54E-11	1.08E-09	9.29E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-04	9.21E-02	3.60E+01	0.00E+00	4.50E-09	1.47E-07	2.47E-02	8.32E-05	6.41E-02	0.00E+00	3.60E+01	1.16E-07	3.60E+01	3.85E+01	6.41E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-02
M-R1605018	3.33E-02	5.13E+00	0.00E+00	5.13E+00	0.00E+00	0.00E+00	3.37E+00	2.02E-06	1.57E-02	1.72E-01	0.00E+00	0.00E+00	9.03E-11	1.79E-09	1.34E-02	0.00E+00	0.00E+00	0.00E+00	4.71E-04	1.85E-01	7.41E+01	0.00E+00	7.93E-09	2.73E-07	4.41E-02	1.28E-04	1.01E-01	0.00E+00	7.41E+01	2.09E-07	7.41E+01	7.29E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.97E-02
M-R1605018S	1.82E-02	2.72E+00	0.00E+00	2.72E+00	0.00E+00	0.00E+00	1.73E+00	1.21E-06	8.13E-03	9.74E-02	0.00E+00	0.00E+00	4.44E-11	1.05E-09	8.98E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04	9.17E-02	3.57E+01	0.00E+00	4.47E-09	1.47E-07	2.44E-02	8.28E-05	6.36E-02	0.00E+00	3.57E+01	1.15E-07	3.57E+01	3.78E+01	6.36E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-02
M-R1605020	3.34E-02	5.18E+00	0.00E+00	5.18E+00	0.00E+00	0.00E+00	3.41E+00	2.03E-06	1.58E-02	1.73E-01	0.00E+00	0.00E+00	9.04E-11	1.80E-09	1.35E-02	0.00E+00	0.00E+00	0.00E+00	4.74E-04	1.85E-01	7.43E+01	0.00E+00	7.96E-09	2.75E-07	4.44E-02	1.29E-04	1.01E-01	0.00E+00	7.43E+01	2.10E-07	7.43E+01	7.33E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.98E-02
M-R1605020S	1.68E-02	2.86E+00	0.00E+00	2.86E+00	0.00E+00	0.00E+00	1.80E+00	1.29E-06	8.41E-03	1.04E-01	0.00E+00	0.00E+00	4.72E-11	1.17E-09	9.75E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04	9.21E-02	3.65E+01	0.00E+00	4.67E-09	1.47E-07	2.65E-02	8.68E-05	6.76E-02	0.00E+00	3.65E+01	1.23E-07	3.65E+01	3.94E+01	6.76E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-02
M-R1605022	3.34E-02	5.18E+00	0.00E+00	5.18E+00	0.00E+00	0.00E+00	3.41E+00	2.03E-06	1.58E-02	1.73E-01

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M-R803020L	8.19E-02	1.29E+01	0.00E+00	1.29E+01	0.00E+00	0.00E+00	8.47E+00	4.85E-06	3.84E-02	4.21E-01	0.00E+00	0.00E+00	2.27E-10	4.40E-09	3.15E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03	4.54E-01	1.80E+02	0.00E+00	1.98E-08	6.66E-07	1.06E-01	3.23E-04	2.41E-01	0.00E+00	1.80E+02	5.09E-07	1.80E+02	1.81E+02	2.41E-01	0.00E+00	0.00E+00	0.00E+00	4.91E-02
M-R803020S	1.68E-02	2.53E+00	0.00E+00	2.53E+00	0.00E+00	0.00E+00	1.62E+00	1.09E-06	7.48E-03	8.85E-02	0.00E+00	0.00E+00	4.24E-11	9.77E-10	7.93E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04	8.63E-02	3.28E+01	0.00E+00	4.15E-09	1.34E-07	2.25E-02	7.57E-05	5.58E-02	0.00E+00	3.29E+01	1.09E-07	3.29E+01	3.54E+01	5.58E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-02
M-R803022	3.16E-02	4.91E+00	0.00E+00	4.91E+00	0.00E+00	0.00E+00	3.22E+00	1.93E-06	1.50E-02	1.65E-01	0.00E+00	0.00E+00	8.59E-11	1.70E-09	1.30E-02	0.00E+00	0.00E+00	0.00E+00	4.53E-04	1.79E-01	7.13E+01	0.00E+00	7.63E-09	2.58E-07	4.25E-02	1.22E-04	9.72E-02	0.00E+00	7.13E+01	1.99E-07	7.13E+01	6.98E+01	9.72E-02	0.00E+00	0.00E+00	0.00E+00	1.87E-02
M-R803022S	1.68E-02	2.55E+00	0.00E+00	2.55E+00	0.00E+00	0.00E+00	1.63E+00	1.12E-06	7.48E-03	9.13E-02	0.00E+00	0.00E+00	4.31E-11	9.78E-10	8.01E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04	8.57E-02	3.30E+01	0.00E+00	4.14E-09	1.37E-07	2.27E-02	7.61E-05	5.71E-02	0.00E+00	3.30E+01	1.12E-07	3.30E+01	3.68E+01	5.71E-02	0.00E+00	0.00E+00	0.00E+00	1.10E-02
M-R804018	3.00E-02	4.53E+00	0.00E+00	4.53E+00	0.00E+00	0.00E+00	2.99E+00	1.79E-06	1.40E-02	1.54E-01	0.00E+00	0.00E+00	7.99E-11	1.60E-09	1.21E-02	0.00E+00	0.00E+00	0.00E+00	4.22E-04	1.67E-01	6.63E+01	0.00E+00	7.07E-09	2.41E-07	3.94E-02	1.14E-04	8.97E-02	0.00E+00	6.63E+01	1.83E-07	6.63E+01	6.51E+01	8.97E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-02
M-R804018S	1.54E-02	2.39E+00	0.00E+00	2.39E+00	0.00E+00	0.00E+00	1.56E+00	1.01E-06	7.15E-03	8.36E-02	0.00E+00	0.00E+00	4.01E-11	8.90E-10	7.49E-03	0.00E+00	0.00E+00	0.00E+00	2.42E-04	8.56E-02	3.20E+01	0.00E+00	3.97E-09	1.27E-07	2.13E-02	6.73E-05	5.29E-02	0.00E+00	3.20E+01	9.74E-08	3.20E+01	3.42E+01	5.29E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-02
M-R804020	3.05E-02	4.63E+00	0.00E+00	4.63E+00	0.00E+00	0.00E+00	3.05E+00	1.83E-06	1.43E-02	1.58E-01	0.00E+00	0.00E+00	8.14E-11	1.63E-09	1.24E-02	0.00E+00	0.00E+00	0.00E+00	4.31E-04	1.71E-01	6.78E+01	0.00E+00	7.24E-09	2.46E-07	4.02E-02	1.16E-04	9.17E-02	0.00E+00	6.78E+01	1.88E-07	6.78E+01	6.64E+01	9.17E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-02
M-R804020L	8.31E-02	1.31E+01	0.00E+00	1.31E+01	0.00E+00	0.00E+00	8.59E+00	4.92E-06	3.89E-02	4.27E-01	0.00E+00	0.00E+00	2.31E-10	4.46E-09	3.19E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03	4.60E-01	1.83E+02	0.00E+00	2.01E-08	6.76E-07	1.08E-01	3.28E-04	2.44E-01	0.00E+00	1.83E+02	5.16E-07	1.83E+02	1.83E+02	2.44E-01	0.00E+00	0.00E+00	0.00E+00	4.98E-02
M-R804020S	1.68E-02	2.52E+00	0.00E+00	2.52E+00	0.00E+00	0.00E+00	1.62E+00	1.09E-06	7.47E-03	8.87E-02	0.00E+00	0.00E+00	4.24E-11	9.78E-10	7.93E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04	8.61E-02	3.28E+01	0.00E+00	4.14E-09	1.32E-07	2.25E-02	7.58E-05	5.57E-02	0.00E+00	3.28E+01	1.09E-07	3.28E+01	3.52E+01	5.57E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-02
M-R804022	3.16E-02	4.91E+00	0.00E+00	4.91E+00	0.00E+00	0.00E+00	3.22E+00	1.93E-06	1.50E-02	1.65E-01	0.00E+00	0.00E+00	8.59E-11	1.70E-09	1.30E-02	0.00E+00	0.00E+00	0.00E+00	4.53E-04	1.79E-01	7.13E+01	0.00E+00	7.63E-09	2.58E-07	4.25E-02	1.22E-04	9.72E-02	0.00E+00	7.13E+01	1.99E-07	7.13E+01	6.98E+01	9.72E-02	0.00E+00	0.00E+00	0.00E+00	1.87E-02
M-R804022S	1.71E-02	2.54E+00	0.00E+00	2.54E+00	0.00E+00	0.00E+00	1.63E+00	1.12E-06	7.50E-03	9.16E-02	0.00E+00	0.00E+00	4.31E-11	9.84E-10	8.04E-03	0.00E+00	0.00E+00	0.00E+00	2.58E-04	8.57E-02	3.33E+01	0.00E+00	4.13E-09	1.38E-07	2.30E-02	7.63E-05	5.72E-02	0.00E+00	3.33E+01	1.12E-07	3.33E+01	3.67E+01	5.72E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-02
M-R805018	3.05E-02	4.63E+00	0.00E+00	4.63E+00	0.00E+00	0.00E+00	3.05E+00	1.83E-06	1.43E-02	1.58E-01	0.00E+00	0.00E+00	8.14E-11	1.63E-09	1.24E-02	0.00E+00	0.00E+00	0.00E+00	4.31E-04	1.71E-01	6.78E+01	0.00E+00	7.24E-09	2.46E-07	4.02E-02	1.16E-04	9.17E-02	0.00E+00	6.78E+01	1.88E-07	6.78E+01	6.64E+01	9.17E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-02
M-R805018S	1.54E-02	2.39E+00	0.00E+00	2.39E+00	0.00E+00	0.00E+00	1.56E+00	1.01E-06	7.15E-03	8.36E-02	0.00E+00	0.00E+00	4.01E-11	8.90E-10	7.49E-03	0.00E+00	0.00E+00	0.00E+00	2.42E-04	8.56E-02	3.20E+01	0.00E+00	3.98E-09	1.27E-07	2.13E-02	6.73E-05	5.30E-02	0.00E+00	3.20E+01	9.74E-08	3.20E+01	3.43E+01	5.30E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-02
M-R805020	3.16E-02	4.91E+00	0.00E+00	4.91E+00	0.00E+00	0.00E+00	3.22E+00	1.93E-06	1.50E-02	1.65E-01	0.00E+00	0.00E+00	8.59E-11	1.70E-09	1.30E-02	0.00E+00	0.00E+00	0.00E+00	4.53E-04	1.79E-01	7.13E+01	0.00E+00	7.63E-09	2.58E-07	4.25E-02	1.22E-04	9.72E-02	0.00E+00	7.13E+01	1.99E-07	7.13E+01	6.98E+01	9.72E-02	0.00E+00	0.00E+00	0.00E+00	1.87E-02
M-R805020L	8.24E-02	1.33E+01	0.00E+00	1.33E+01	0.00E+00	0.00E+00	8.74E+00	5.04E-06	3.95E-02	4.36E-01	0.00E+00	0.00E+00	2.34E-10	4.54E-09	3.26E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03	4.68E-01	1.87E+02	0.00E+00	2.05E-08	6.87E-07	1.09E-01	3.34E-04	2.48E-01	0.00E+00	1.87E+02	5.22E-07	1.87E+02	1.86E+02	2.48E-01	0.00E+00	0.00E+00	0.00E+00	4.89E-02
M-R805020S	1.68E-02	2.52E+00	0.00E+00	2.52E+00	0.00E+00	0.00E+00	1.62E+00	1.09E-06	7.47E-03	8.90E-02	0.00E+00	0.00E+00	4.24E-11	9.82E-10	7.93E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04	8.61E-02	3.28E+01	0.00E+00	4.14E-09	1.32E-07	2.25E-02	7.58E-05	5.57E-02	0.00E+00	3.28E+01	1.09E-07	3.28E+01	3.52E+01	5.57E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-02
M-R805022	3.24E-02	5.02E+00	0.00E+00	5.02E+00	0.00E+00	0.00E+00	3.28E+00	1.97E-06	1.54E-02	1.69E-01	0.00E+00	0.00E+00	8.80E-11	1.74E-09	1.32E-02	0.00E+00	0.00E+00	0.00E+00	4.63E-04	1.82E-01	7.29E+01	0.00E+00	7.80E-09	2.64E-07	4.34E-02	1.25E-04	9.90E-02	0.00E+00	7.29E+01	2.03E-07	7.29E+01	7.14E+01	9.90E-02	0.00E+00	0.00E+00	0.00E+00	1.92E-02
M-R805022S	1.71E-02	2.55E+00	0.00E+00	2.55E+00	0.00E+00	0.00E+00	1.63E+00	1.13E-06	7.50E-03	9.16E-02	0.00E+00	0.00E+00	4.31E-11	9.84E-10	8.05E-03	0.00E+00	0.00E+00	0.00E+00	2.58E-04	8.65E-02	3.33E+01	0.00E+00	4.13E-09	1.38E-07	2.30E-02	7.68E-05	5.72E-02	0.00E+00	3.33E+01	1.12E-07	3.33E+01	3.67E+01	5.72E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-02
M-R806018	3.05E-02	4.63E+00	0.00E+00	4.63E+00	0.00E+00	0.00E+00	3.05E+00	1.83E-06	1.43E-02	1.58E-01	0.00E+00	0.00E+00	8.14E-11	1.63E-09	1.24E-02	0.00E+00	0.00E+00	0.00E+00	4.31E-04	1.71E-01	6.78E+01	0.00E+00	7.24E-09	2.46E-07	4.02E-02	1.16E-04	9.17E-02	0.00E+00	6.78E+01	1.88E-07	6.78E+01	6.64E+01	9.17E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-02
M-R806018S	1.54E-02	2.39E+00	0.00E+00	2.39E+00	0.00E+00	0.00E+00	1.56E+00	1.01E-06	7.15E-03	8.36E-02	0.00E+00	0.00E+00	4.01E-11	8.90E-10	7.50E-03	0.00E+00	0.00E+00	0.00E+00	2.42E-04	8.57E-02	3.20E+01	0.00E+00	3.98E-09	1.27E-07	2.14E-02	6.73E-05	5.30E-02	0.00E+00	3.20E+01	9.75E-08	3.20E+01	3.43E+01	5.30E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-02
M-R806020	3.16E-02	4.91E+00	0.00E+00	4.91E+00	0.00E+00	0.00E+00	3.22E+00	1.93E-06	1.50E-02	1.65E-01	0.00E+00	0.00E+00	8.59E-11	1.70E-09	1.30E-02	0.00E+00	0.00E+00	0.00E+00	4.53E-04	1.79E-01	7.13E+01	0.00E+00	7.63E-09	2.58E-07	4.25E-02	1.22E-04	9.72E-02	0.00E+00	7.13E+01	1.99E-07	7.13E+01	6.98E+01	9.72E-02	0.00E+00	0.00E+00	0.00E+00	1.87E-02
M-R806020L	8.29E-02	1.34E+01	0.00E+00	1.34E+01	0.00E+00	0.00E+00	8.75E+00	5.06E-06	3.97E-02	4.38E-01	0.00E+00	0.00E+00	2.35E-10	4.56E-09	3.28E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03	4.71E-01	1.88E+02	0.00E+00	2.07E-08	6.91E-07	1.09E-01	3.36E-04	2.49E-01	0.00E+00	1.88E+02	5.24E-07	1.88E+02	1.87E+02	2.49E-01	0.00E+00	0.00E+00	0.00E+00	4.92E-02
M-R806020S	1.68E-02	2.52E+00	0.00E+00	2.52E+00	0.00E+00	0.00E+00	1.62E+00	1.09E-06	7.47E-03	8.94E-02	0.00E+00	0.00E+00	4.24E-11	9.88E-10	7.97E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04	8.61E-02	3.28E+01	0.00E+00	4.14E-09	1.34E-07	2.26E-02	7.59E-05	5.58E-02	0.00E+00	3.28E+01	1.09E-07	3.28E+01	3.52E+01	5.58E-02	0.00E+00	0.00E+00	0.00E+00	1.09E-02
M-R806022	3.31E-02	5.09E+00	0.00E+00	5.09E+00	0.00E+00	0.00E+00	3.33E+00	2.00E-06	1.55E-02	1.71E-01	0.00E+00	0.00E+00	8.95E-11	1.77E-09	1.33E-02	0.00E+00	0.00E+00	0.00E+00	4.69E-04	1.84E-01	7.38E+01	0.00E+00	7.90E-09	2.68E-07	4.39E-02	1.26E-04	9.99E-02	0.00E+00	7.38E+01	2.05E-07	7.38E+01	7.23E+01	9.99E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-02
M-R806022S	1.71E-02	2.56E+00	0.00E+00	2.56E+00	0.00E+00	0.00E+00	1.63E+00	1.13E-06	7.50E-03	9.17E-02	0.00E+00	0.00E+00	4.31E-11	9.88E-10	8.08E-03	0.00E+00	0.00E+00	0.00E+00	2.58E-04	8.65E-02	3.33E+01	0.00E+00	4.13E-09	1.38E-07	2.30E-02	7.69E-05	5.73E-02	0.00E+00	3.33E+01	1.13E-07	3.33E+01	3.67E+01	5.73E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-02
M-R808018	3.16E-02	4.91E+00	0.00E+00	4.91E+00	0.00E+00	0.00E+00	3.22E+00	1.93E-06	1.50E-02	1.65E-01	0.00E+00	0.00E+00	8.59E-11	1.70E-09	1.30E-02	0.00E+00	0.00E+00	0.00E+00	4.53E-04	1.79E-01	7.13E+01	0.00E+00	7.63E-09	2.58E-07	4.25E-02	1.22E-04	9.72E-02	0.00E+00	7.13E+01	1.99E-07	7.13E+01	6.98E+01	9.72E-02	0.00E+00	0.00E+00	0.00E+00	1.87E-02
M-R808018S	1.55E-02	2.40E+00	0.00E+00	2.40E+00	0.00E+00	0.00E+00	1.57E+00	1.01E-06	7.12E-03	8.43E-02	0.00E+00	0.00E+00	4.01E-11	8.95E-10	7.49E-03	0.00E+00	0.00E+00	0.00E+00	2.42E-04	8.57E-02	3.24E+01	0.00E+00	3.95E-09	1.28E-07	2.14E-02	6.75E-05	5.29E-02	0.00E+00	3.24E+01	9.76E-08	3.24E+01	3.41E+01	5.29E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-02
M-R808020	3.00E-02	4.73E+00	0.00E+00	4.73E+00	0.00E+00	0.00E+00	3.10E+00	1.79E-06	1.41E-02	1.54E-01	0.00E+00	0.00E+00	8.32E-11	1.61E-09	1.15E-02	0.00E+00	0.00E+00	0.00E+00	4.19E-04	1.66E-01	6.61E+01	0.00E+00	7.29E-09	2.44E-07	3.89E-02	1.18E-04	8.82E-02	0.00E+00	6.61E+01	1.86E-07	6.61E+01	6.52E+01	8.82E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-02
M-R808020S	1.68E-02	2.54E+00	0.00E+00	2.54E+00	0.00E+00	0.00E+00	1.62E+00	1.09E-06	7.43E-03	8.95E-02	0.00E+00	0.00E+00	4.23E-11	9.85E-10	7.95E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04	8.69E-02	3.30E+01	0.00E+00	4.11E-09	1.34E-07	2.27E-02	7.62E-05	5.56E-02	0.00E+00	3.30E+01	1.10E-07	3.30E+01	3.50E+01	5.56E-02	0.00E+00	0.00E+00	0.00E+00	1.10E-02
M-R808022	3.18E-02	4.98E+00	0.00E+00	4.98E+00	0.00E+00	0.00E+00	3.26E+00	1.87E-06	1.48E-02	1.62E-01	0.00E+00	0.00E+00	8.76E-11	1.69E-09	1.21E-02	0.00E+00	0.00E+00	0.00E+00	4.41E-04	1.75E-01	6.95E+01	0.00E+00	7.64E-09	2.57E-07	4.06E-02	1.25E-04	9.28E-02	0.00E+00	6.95E+01	1.96E-07	6.95E+01	6.96E+01	9.28E-02	0.00E+00	0.00E+00	0.00E+00	1.89E-02
M-R808022S	1.71E-02	2.56E+00	0.00E+00	2.56E+00	0.00E+00	0.00E+00	1.63E+00	1.13E-06	7.50E-03	9.17E-02	0.00E+00	0.00E+00	4.31E-11	9.88E-10	8.09E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04	8.65E-02	3.33E+01	0.00E+00	4.13E-09	1.38E-07	2.30E-02	7.69E-05	5.75E-02	0.00E+00	3.33E+01	1.13E-07	3.33E+01	3.68E+01	5.75E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-02
M-R853018	3.00E-02	4.53E+00	0.00E+00	4.53E+00	0.00E+00	0.00E+00	2.99E+00	1.79E-06	1.40E-02	1.54E-01	0.00E+00	0.00E+00	7.99E-11	1.60E-09	1.21E-02	0.00E+00	0.00E+00	0.00E+00	4.22E-04	1.67E-01	6.63E+01	0.00E+00	7.07E-09	2.41E-07	3.94E-02	1.14E-04	8.97E-02	0.00E+00	6.63E+01	1.83E-07	6.63E+01	6.51E+01	8.97E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-02
M-R853018S	1.54E-02	2.43E+00	0.00E+00	2.43E+00	0.00E+00	0.00E+00	1.58E+00	1.01E-06	7.12E-03	8.41E-02	0.00E+00	0.00E+00	4.03E-11	8.87E-10	7.49E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04	8.56E-02	3.20E+01	0.00E+00	3.99E-09	1.28E-07	2.15E-02	6.76E-05	5.30E-02	0.00E+00	3.20E+01	9.89E-08	3.20E+01	3.43E+01	5.30E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-02
M-R853020	3.00E-02	4.53E+00	0.00E+00	4.53E+00	0.00E+00	0.00E+00	2.99E+00	1.79E-06	1.40E-02	1.54E-01	0.00E+00	0.00E+00	7.99E-11	1.60E-09	1.21E-02	0.00E+00	0.00E+00	0.00E+00	4.22E-04	1.67E-01	6.63E+01	0.00E+00	7.07E-09	2.41E-07	3.94E-02	1.14E-04	8.97E-02	0.00E+00	6.63E+01	1.83E-07	6.63E+01	6.51E+01	8.97E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-02
M-R853020L	7.98E-02	1.21E+01	0.00E+00	1.21E+01	0.00E+00	0.00E+00	8.00E+00	4.61E-06	3.70E-02	4.10E-01	0.00E+00	0.00E+00	2.15E-10	4.19E-09	3.02E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03	4.24E-01	1.73E+02	0.00E+00	1.91E-08	6.31E-07	1.02E-01	3.07E-04	2.32E-01	0.00E+00	1.73E+02	4.85E-07	1.73E+02	1.73E+02	2.32E-01	0.00E+00	0.00E+00	0.00E+00	4.59E-02
M-R853020S	1.67E-02	2.55E+00	0.00E+00	2.55E+00	0.00E+00	0.00E+00	1.63E+00	1.10E-06	7.45E-03	9.03E-02	0.00E+00	0.00E+00	4.28E-11	9.82E-10	8.01E-03	0.00E+00	0.00E+00	0.00E+00	2.55E-04	8.57E-02	3.28E+01	0.00E+00	4.14E-09	1.36E-07	2.28E-02	7.56E-05	5.60E-02	0.00E+00	3.28E+01	1.12E-07	3.28E+01	3.61E+01	5.60E-02	0.00E+00	0.00E+00	0.00E+00	1.10E-02
M-R853022	3.05E-02	4.63E+00	0.00E+00	4.63E+00	0.00E+00	0.00E+00	3.05E+00	1.83E-06	1.43E-02	1.58E-01	0.00E+00	0.00E+00	8.14E-11	1.63E-09	1.24E-02	0.00E+00	0.00E+00	0.00E+00	4.31E-04	1.71E-01	6.78E+01	0.00E+00	7.24E-09	2.46E-07	4.02E-02	1.16E-04	9.17E-02	0.00E+00	6.78E+01	1.88E-07	6.78E+01	6.64E+01	9.17E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-02
M-R853022S	1.61E-02	2.54E+00	0.00E+00	2.54E+00	0.00E+00	0.00E+00	1.62E+00	1.11E-06	7.31E-03	8.92E-02	0.00E+00	0.00E+00	4.23E-11	9.47E-10	8.06E-03	0.00E+00	0.00E+00	0.00E+00	2.55E-04	8.73E-02	3.27E+01	0.00E+00	4.09E-09	1.32E-07	2.28E-02	7.17E-05	5.68E-02	0.00E+00	3.27E+01	1.07E-07	3.27E+01	3.65E+01	5.68E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-02
M-R854018	3.00E-02	4.53E+00	0.00E+00	4.53E+00	0.00E+00	0.00E+00	2.99E+00	1.79E-06	1.40E-02	1.54E-01	0.00E+00	0.00E+00	7.99E-11	1.60E-09	1.21E-02	0.00E+00	0.00E+00	0.00E+00	4.22E-04	1.67E-01	6.63E+01	0.00E+00	7.07E-09	2.41E-07	3.94E-02	1.14E-04	8.97E-02	0.00E+00	6.63E+01	1.83E-07	6.63E+01	6.51E+01	8.97E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-02
M-R854018S	1.54E-02	2.42E+00	0.00E+00	2.42E+00	0.00E+00	0.00E+00	1.57E+00	1.01E-06	7.13E-03	8.42E-02	0.00E+00	0.00E+00	4.03E-11	8.88E-10	7.49E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04	8.56E-02	3.21E+01	0.00E+00	3.95E-09	1.27E-07	2.15E-02	6.77E-05	5.30E-02	0.00E+00	3.21E+01	9.89E-08	3.21E+01	3.41E+01	5.30E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-02
M-R854020	3.00E-02	4.53E+00	0.00E+00	4.53E+00	0.00E+00	0.00E+00	2.99E+00	1.79E-06	1.40E-02	1.54E-01	0.00E+00	0.00E+00	7.99E-11	1.60E-09	1.21E-02	0.00E+00	0.00E+00	0.00E+00	4.22E-04	1.67E-01	6.63E+01	0.00E+00	7.07E-09	2.41E-07	3.94E-02	1.14E-04	8.97E-02	0.00E+00	6.63E+01	1.83E-07	6.63E+01	6.51E+01	8.97E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-02
M-R854020L	9.03E-02	1.43E+01	0.00E+00	1.43E+01	0.00E+00	0.00E+00	9.30E+00	5.38E-06	4.27E-02	4.68E-01	0.00E+00	0.00E+00	2.52E-10	4.86E-09	3.46E-02	0.00E+00	0.00E+00	0.00E+00	1.27E-03	5.02E-01	2.00E+02	0.00E+00	2.21E-08	7.36E-07	1.16E-01	3.63E-04	2.66E-01	0.00E+00	2.00E+02	5.61E-07	2.00E+02	2.00E+02	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.40E-02
M-R854020S	1.69E-02	2.54E+00	0.00E+00	2.54E+00	0.00E+00	0.00E+00	1.63E+00	1.11E-06	7.46E-03	9.06E-02	0.00E+00	0.00E+00	4.28E-11	9.86E-10	8.03E-03	0.00E+00	0.00E+00	0.00E+00	2.54E-04	8.57E-02	3.30E+01	0.00E+00	4.13E-09	1.37E-07	2.29E-02	7.59E-05	5.61E-02	0.00E+00	3.30E+01	1.12E-07	3.30E+01	3.60E+01	5.61E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-02
M-R854022	3.18E-02	4.91E+00	0.00E+00	4.91E+00	0.00E+00	0.00E+00	3.22E+00	1.93E-06	1.50E-02	1.65E-01	0.00E+00	0.00E+00	8.59E-11	1.70E-09	1.30E-02	0.00E+00	0.00E+00	0.00E+00	4.52E-04	1.79E-01	7.12E+01	0.00E+00	7.62E-09	2.58E-07	4.25E-02	1.22E-04	9.72E-02	0.00E+00	7.12E+01	1.99E-07	7.12E+01	6.97E+01	9.72E-02	0.00E+00	0.00E+00	0.00E+00	1.87E-02
M-R854022S	1.61E-02	2.53E+00	0.00E+00	2.53E+00	0.00E+00	0.00E+00	1.61E+00	1.11E-06	7.32E-03	8.94E-02	0.00E+00	0.00E+00	4.23E-11	9.48E-10	8.06E-03	0.00E+00	0.00E+00	0.00E+00	2.55E-04	8.73E-02	3.27E+01	0.00E+00	4.08E-09	1.32E-07	2.28E-02	7.16E-05	5.68E-02	0.00E+00	3.27E+01	1.07E-07	3.27E+01	3.64E+01	5.68E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-02
M-R855018	3.05E-02	4.63E+00	0.00E+00	4.63E+00	0.00E+00	0.00E+00	3.05E+00	1.83E-06	1.43E-02	1.58E-01	0.00E+00	0.00E+00	8.14E-11	1.63E-09	1.24E-02	0.00E+00	0.00E+00	0.00E+00	4.31E-04	1.71E-01	6.78E+01	0.00E+00	7.24E-09	2.46E-07	4.02E-02	1.16E-04	9.17E-02	0.00E+00	6.78E+01	1.88E-07	6.78E+01	6.64E+01	9.17E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-02
M-R855018S	1.54E-02	2.42E+00	0.00E+00	2.42E+00	0.00E+00	0.00E+00	1.57E+00	1.01E-06	7.13E-03	8.46E-02	0.00E+00	0.00E+00	4.03E-11	8.92E-10	7.49

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M-RG1205020S	1.84E-02	2.77E+00	0.00E+00	2.77E+00	0.00E+00	0.00E+00	1.75E+00	1.23E-06	8.14E-03	9.90E-02	0.00E+00	0.00E+00	4.61E-11	1.13E-09	9.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	9.22E-02	3.56E+01	0.00E+00	4.47E-09	1.48E-07	2.51E-02	8.52E-05	6.27E-02	0.00E+00	3.56E+01	1.19E-07	3.56E+01	3.87E+01	6.27E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-02
M-RG1205022	3.42E-02	5.19E+00	0.00E+00	5.19E+00	0.00E+00	0.00E+00	3.37E+00	2.03E-06	1.55E-02	1.75E-01	0.00E+00	0.00E+00	9.09E-11	1.79E-09	1.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04	1.86E-01	7.48E+01	0.00E+00	7.94E-09	2.78E-07	4.41E-02	1.29E-04	9.98E-02	0.00E+00	7.48E+01	2.05E-07	7.49E+01	7.43E+01	9.98E-02	0.00E+00	0.00E+00	0.00E+00	2.02E-02
M-RG1205022S	1.79E-02	2.73E+00	0.00E+00	2.73E+00	0.00E+00	0.00E+00	1.73E+00	1.19E-06	8.04E-03	9.67E-02	0.00E+00	0.00E+00	4.47E-11	1.05E-09	9.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	9.18E-02	3.56E+01	0.00E+00	4.39E-09	1.46E-07	2.38E-02	8.23E-05	6.11E-02	0.00E+00	3.56E+01	1.17E-07	3.56E+01	3.80E+01	6.11E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-02
M-RG1206018	3.38E-02	5.19E+00	0.00E+00	5.19E+00	0.00E+00	0.00E+00	3.37E+00	2.03E-06	1.55E-02	1.73E-01	0.00E+00	0.00E+00	9.02E-11	1.78E-09	1.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	1.86E-01	7.41E+01	0.00E+00	7.94E-09	2.76E-07	4.41E-02	1.29E-04	9.94E-02	0.00E+00	7.41E+01	2.05E-07	7.41E+01	7.38E+01	9.94E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-02
M-RG1206018S	1.74E-02	2.67E+00	0.00E+00	2.67E+00	0.00E+00	0.00E+00	1.66E+00	1.15E-06	7.89E-03	9.39E-02	0.00E+00	0.00E+00	4.42E-11	1.01E-09	8.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	9.02E-02	3.46E+01	0.00E+00	4.28E-09	1.44E-07	2.34E-02	7.84E-05	5.88E-02	0.00E+00	3.46E+01	1.14E-07	3.46E+01	3.77E+01	5.88E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-02
M-RG1206020	3.38E-02	5.19E+00	0.00E+00	5.19E+00	0.00E+00	0.00E+00	3.37E+00	2.03E-06	1.55E-02	1.73E-01	0.00E+00	0.00E+00	9.02E-11	1.78E-09	1.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	1.86E-01	7.41E+01	0.00E+00	7.94E-09	2.76E-07	4.41E-02	1.29E-04	9.94E-02	0.00E+00	7.41E+01	2.05E-07	7.41E+01	7.38E+01	9.94E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-02
M-RG1206020S	1.84E-02	2.77E+00	0.00E+00	2.77E+00	0.00E+00	0.00E+00	1.75E+00	1.23E-06	8.14E-03	9.88E-02	0.00E+00	0.00E+00	4.61E-11	1.13E-09	9.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	9.22E-02	3.56E+01	0.00E+00	4.47E-09	1.48E-07	2.51E-02	8.57E-05	6.27E-02	0.00E+00	3.56E+01	1.20E-07	3.56E+01	3.87E+01	6.27E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-02
M-RG1206022	3.44E-02	5.28E+00	0.00E+00	5.28E+00	0.00E+00	0.00E+00	3.49E+00	2.08E-06	1.59E-02	1.79E-01	0.00E+00	0.00E+00	9.34E-11	1.83E-09	1.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04	1.90E-01	7.66E+01	0.00E+00	8.10E-09	2.84E-07	4.45E-02	1.31E-04	1.02E-01	0.00E+00	7.66E+01	2.09E-07	7.66E+01	7.51E+01	1.02E-01	0.00E+00	0.00E+00	0.00E+00	2.04E-02
M-RG1206022S	1.79E-02	2.73E+00	0.00E+00	2.73E+00	0.00E+00	0.00E+00	1.73E+00	1.19E-06	8.04E-03	9.67E-02	0.00E+00	0.00E+00	4.47E-11	1.05E-09	9.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	9.18E-02	3.56E+01	0.00E+00	4.39E-09	1.46E-07	2.38E-02	8.23E-05	6.13E-02	0.00E+00	3.56E+01	1.17E-07	3.56E+01	3.80E+01	6.13E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-02
M-RG1208018	3.38E-02	5.19E+00	0.00E+00	5.19E+00	0.00E+00	0.00E+00	3.37E+00	2.03E-06	1.55E-02	1.73E-01	0.00E+00	0.00E+00	9.02E-11	1.78E-09	1.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	1.86E-01	7.41E+01	0.00E+00	7.94E-09	2.76E-07	4.41E-02	1.29E-04	9.94E-02	0.00E+00	7.41E+01	2.05E-07	7.41E+01	7.38E+01	9.94E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-02
M-RG1208018S	1.74E-02	2.66E+00	0.00E+00	2.66E+00	0.00E+00	0.00E+00	1.66E+00	1.16E-06	7.92E-03	9.39E-02	0.00E+00	0.00E+00	4.42E-11	1.01E-09	8.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	9.04E-02	3.46E+01	0.00E+00	4.29E-09	1.44E-07	2.34E-02	7.92E-05	5.90E-02	0.00E+00	3.46E+01	1.15E-07	3.46E+01	3.77E+01	5.90E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-02
M-RG1208020	3.44E-02	5.28E+00	0.00E+00	5.28E+00	0.00E+00	0.00E+00	3.49E+00	2.08E-06	1.59E-02	1.79E-01	0.00E+00	0.00E+00	9.34E-11	1.83E-09	1.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04	1.90E-01	7.66E+01	0.00E+00	8.10E-09	2.84E-07	4.45E-02	1.31E-04	1.02E-01	0.00E+00	7.66E+01	2.09E-07	7.66E+01	7.51E+01	1.02E-01	0.00E+00	0.00E+00	0.00E+00	2.04E-02
M-RG1208020S	1.84E-02	2.77E+00	0.00E+00	2.77E+00	0.00E+00	0.00E+00	1.75E+00	1.23E-06	8.14E-03	9.88E-02	0.00E+00	0.00E+00	4.61E-11	1.13E-09	9.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	9.22E-02	3.57E+01	0.00E+00	4.47E-09	1.48E-07	2.51E-02	8.57E-05	6.30E-02	0.00E+00	3.57E+01	1.20E-07	3.57E+01	3.88E+01	6.30E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-02
M-RG1208022	3.44E-02	5.28E+00	0.00E+00	5.28E+00	0.00E+00	0.00E+00	3.49E+00	2.08E-06	1.59E-02	1.79E-01	0.00E+00	0.00E+00	9.34E-11	1.83E-09	1.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04	1.90E-01	7.66E+01	0.00E+00	8.10E-09	2.84E-07	4.45E-02	1.31E-04	1.02E-01	0.00E+00	7.66E+01	2.09E-07	7.66E+01	7.51E+01	1.02E-01	0.00E+00	0.00E+00	0.00E+00	2.04E-02
M-RG1208022S	1.79E-02	2.73E+00	0.00E+00	2.73E+00	0.00E+00	0.00E+00	1.73E+00	1.19E-06	8.04E-03	9.67E-02	0.00E+00	0.00E+00	4.47E-11	1.05E-09	9.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	9.18E-02	3.56E+01	0.00E+00	4.39E-09	1.46E-07	2.38E-02	8.23E-05	6.13E-02	0.00E+00	3.56E+01	1.17E-07	3.56E+01	3.80E+01	6.13E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-02
M-RG1303018	3.38E-02	5.19E+00	0.00E+00	5.19E+00	0.00E+00	0.00E+00	3.37E+00	2.03E-06	1.55E-02	1.73E-01	0.00E+00	0.00E+00	9.02E-11	1.78E-09	1.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	1.86E-01	7.41E+01	0.00E+00	7.94E-09	2.76E-07	4.41E-02	1.29E-04	9.94E-02	0.00E+00	7.41E+01	2.05E-07	7.41E+01	7.38E+01	9.94E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-02
M-RG1303018S	1.78E-02	2.67E+00	0.00E+00	2.67E+00	0.00E+00	0.00E+00	1.69E+00	1.17E-06	7.88E-03	9.60E-02	0.00E+00	0.00E+00	4.48E-11	1.03E-09	8.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	9.22E-02	3.51E+01	0.00E+00	4.33E-09	1.46E-07	2.35E-02	8.08E-05	5.96E-02	0.00E+00	3.51E+01	1.14E-07	3.51E+01	3.77E+01	5.96E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-02
M-RG1303020	3.38E-02	5.19E+00	0.00E+00	5.19E+00	0.00E+00	0.00E+00	3.37E+00	2.03E-06	1.55E-02	1.73E-01	0.00E+00	0.00E+00	9.02E-11	1.78E-09	1.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	1.86E-01	7.41E+01	0.00E+00	7.94E-09	2.76E-07	4.41E-02	1.29E-04	9.94E-02	0.00E+00	7.41E+01	2.05E-07	7.41E+01	7.38E+01	9.94E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-02
M-RG1303020S	1.84E-02	2.86E+00	0.00E+00	2.86E+00	0.00E+00	0.00E+00	1.81E+00	1.26E-06	8.27E-03	1.03E-01	0.00E+00	0.00E+00	4.76E-11	1.16E-09	9.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	9.18E-02	3.62E+01	0.00E+00	4.51E-09	1.49E-07	2.61E-02	8.66E-05	6.48E-02	0.00E+00	3.62E+01	1.24E-07	3.62E+01	3.93E+01	6.48E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-02
M-RG1303022	3.38E-02	5.19E+00	0.00E+00	5.19E+00	0.00E+00	0.00E+00	3.37E+00	2.03E-06	1.55E-02	1.73E-01	0.00E+00	0.00E+00	9.02E-11	1.78E-09	1.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	1.86E-01	7.41E+01	0.00E+00	7.94E-09	2.76E-07	4.41E-02	1.29E-04	9.94E-02	0.00E+00	7.41E+01	2.05E-07	7.41E+01	7.38E+01	9.94E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-02
M-RG1303022S	1.79E-02	2.74E+00	0.00E+00	2.74E+00	0.00E+00	0.00E+00	1.74E+00	1.20E-06	8.10E-03	9.73E-02	0.00E+00	0.00E+00	4.48E-11	1.06E-09	9.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	9.18E-02	3.59E+01	0.00E+00	4.44E-09	1.49E-07	2.40E-02	8.21E-05	6.19E-02	0.00E+00	3.59E+01	1.17E-07	3.59E+01	3.83E+01	6.19E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-02
M-RG1304018	3.38E-02	5.19E+00	0.00E+00	5.19E+00	0.00E+00	0.00E+00	3.37E+00	2.03E-06	1.55E-02	1.73E-01	0.00E+00	0.00E+00	9.02E-11	1.78E-09	1.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	1.86E-01	7.41E+01	0.00E+00	7.94E-09	2.76E-07	4.41E-02	1.29E-04	9.94E-02	0.00E+00	7.41E+01	2.05E-07	7.41E+01	7.38E+01	9.94E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-02
M-RG1304018S	1.78E-02	2.67E+00	0.00E+00	2.67E+00	0.00E+00	0.00E+00	1.69E+00	1.17E-06	7.90E-03	9.58E-02	0.00E+00	0.00E+00	4.47E-11	1.03E-09	8.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	9.22E-02	3.49E+01	0.00E+00	4.33E-09	1.47E-07	2.35E-02	8.09E-05	5.97E-02	0.00E+00	3.49E+01	1.15E-07	3.49E+01	3.77E+01	5.97E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-02
M-RG1304020	3.38E-02	5.19E+00	0.00E+00	5.19E+00	0.00E+00	0.00E+00	3.37E+00	2.03E-06	1.55E-02	1.73E-01	0.00E+00	0.00E+00	9.02E-11	1.78E-09	1.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	1.86E-01	7.41E+01	0.00E+00	7.94E-09	2.76E-07	4.41E-02	1.29E-04	9.94E-02	0.00E+00	7.41E+01	2.05E-07	7.41E+01	7.38E+01	9.94E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-02
M-RG1304020S	1.84E-02	2.86E+00	0.00E+00	2.86E+00	0.00E+00	0.00E+00	1.81E+00	1.26E-06	8.28E-03	1.03E-01	0.00E+00	0.00E+00	4.76E-11	1.16E-09	9.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	9.18E-02	3.62E+01	0.00E+00	4.51E-09	1.49E-07	2.61E-02	8.64E-05	6.48E-02	0.00E+00	3.62E+01	1.24E-07	3.62E+01	3.93E+01	6.48E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-02
M-RG1304022	3.42E-02	5.19E+00	0.00E+00	5.19E+00	0.00E+00	0.00E+00	3.37E+00	2.03E-06	1.55E-02	1.75E-01	0.00E+00	0.00E+00	9.09E-11	1.79E-09	1.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04	1.88E-01	7.48E+01	0.00E+00	7.94E-09	2.78E-07	4.41E-02	1.29E-04	9.98E-02	0.00E+00	7.48E+01	2.05E-07	7.48E+01	7.43E+01	9.98E-02	0.00E+00	0.00E+00	0.00E+00	2.02E-02
M-RG1304022S	1.79E-02	2.74E+00	0.00E+00	2.74E+00	0.00E+00	0.00E+00	1.74E+00	1.21E-06	8.10E-03	9.71E-02	0.00E+00	0.00E+00	4.48E-11	1.06E-09	9.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	9.18E-02	3.59E+01	0.00E+00	4.46E-09	1.49E-07	2.40E-02	8.25E-05	6.22E-02	0.00E+00	3.59E+01	1.17E-07	3.59E+01	3.83E+01	6.22E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-02
M-RG1305018	3.38E-02	5.19E+00	0.00E+00	5.19E+00	0.00E+00	0.00E+00	3.37E+00	2.03E-06	1.55E-02	1.73E-01	0.00E+00	0.00E+00	9.02E-11	1.78E-09	1.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	1.86E-01	7.41E+01	0.00E+00	7.94E-09	2.76E-07	4.41E-02	1.29E-04	9.94E-02	0.00E+00	7.41E+01	2.05E-07	7.41E+01	7.38E+01	9.94E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-02
M-RG1305018S	1.79E-02	2.67E+00	0.00E+00	2.67E+00	0.00E+00	0.00E+00	1.69E+00	1.17E-06	7.93E-03	9.58E-02	0.00E+00	0.00E+00	4.47E-11	1.03E-09	8.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	9.22E-02	3.52E+01	0.00E+00	4.33E-09	1.47E-07	2.35E-02	8.11E-05	5.98E-02	0.00E+00	3.52E+01	1.14E-07	3.52E+01	3.77E+01	5.98E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-02
M-RG1305020	3.38E-02	5.19E+00	0.00E+00	5.19E+00	0.00E+00	0.00E+00	3.37E+00	2.03E-06	1.55E-02	1.73E-01	0.00E+00	0.00E+00	9.02E-11	1.78E-09	1.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	1.86E-01	7.41E+01	0.00E+00	7.94E-09	2.76E-07	4.41E-02	1.29E-04	9.94E-02	0.00E+00	7.41E+01	2.05E-07	7.41E+01	7.38E+01	9.94E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-02
M-RG1305020S	1.84E-02	2.86E+00	0.00E+00	2.86E+00	0.00E+00	0.00E+00	1.81E+00	1.26E-06	8.28E-03	1.03E-01	0.00E+00	0.00E+00	4.76E-11	1.16E-09	9.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	9.18E-02	3.62E+01	0.00E+00	4.53E-09	1.49E-07	2.61E-02	8.66E-05	6.49E-02	0.00E+00	3.62E+01	1.24E-07	3.62E+01	3.93E+01	6.49E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-02
M-RG1305022	3.44E-02	5.28E+00	0.00E+00	5.28E+00	0.00E+00	0.00E+00	3.49E+00	2.08E-06	1.59E-02	1.79E-01	0.00E+00	0.00E+00	9.34E-11	1.83E-09	1.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04	1.90E-01	7.66E+01	0.00E+00	8.10E-09	2.84E-07	4.45E-02	1.31E-04	1.02E-01	0.00E+00	7.66E+01	2.09E-07	7.66E+01	7.51E+01	1.02E-01	0.00E+00	0.00E+00	0.00E+00	2.04E-02
M-RG1305022S	1.79E-02	2.74E+00	0.00E+00	2.74E+00	0.00E+00	0.00E+00	1.74E+00	1.21E-06	8.10E-03	9.71E-02	0.00E+00	0.00E+00	4.48E-11	1.06E-09	9.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	9.18E-02	3.59E+01	0.00E+00	4.46E-09	1.49E-07	2.40E-02	8.25E-05	6.22E-02	0.00E+00	3.59E+01	1.17E-07	3.59E+01	3.83E+01	6.22E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-02
M-RG1306018	3.38E-02	5.19E+00	0.00E+00	5.19E+00	0.00E+00	0.00E+00	3.37E+00	2.03E-06	1.55E-02	1.73E-01	0.00E+00	0.00E+00	9.02E-11	1.78E-09	1.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	1.86E-01	7.41E+01	0.00E+00	7.94E-09	2.76E-07	4.41E-02	1.29E-04	9.94E-02	0.00E+00	7.41E+01	2.05E-07	7.41E+01	7.38E+01	9.94E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-02
M-RG1306018S	1.79E-02	2.68E+00	0.00E+00	2.68E+00	0.00E+00	0.00E+00	1.69E+00	1.17E-06	7.93E-03	9.58E-02	0.00E+00	0.00E+00	4.47E-11	1.03E-09	8.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	9.22E-02	3.52E+01	0.00E+00	4.33E-09	1.47E-07	2.36E-02	8.15E-05	5.99E-02	0.00E+00	3.52E+01	1.15E-07	3.52E+01	3.77E+01	5.99E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-02
M-RG1306020	3.42E-02	5.19E+00	0.00E+00	5.19E+00	0.00E+00	0.00E+00	3.37E+00	2.03E-06	1.55E-02	1.75E-01	0.00E+00	0.00E+00	9.09E-11	1.79E-09	1.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04	1.88E-01	7.48E+01	0.00E+00	7.94E-09	2.78E-07	4.41E-02	1.29E-04	9.98E-02	0.00E+00	7.48E+01	2.05E-07	7.48E+01	7.43E+01	9.98E-02	0.00E+00	0.00E+00	0.00E+00	2.02E-02
M-RG1306020S	1.84E-02	2.86E+00	0.00E+00	2.86E+00	0.00E+00	0.00E+00	1.81E+00	1.26E-06	8.28E-03	1.03E-01	0.00E+00	0.00E+00	4.77E-11	1.16E-09	9.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	9.18E-02	3.62E+01	0.00E+00	4.53E-09	1.49E-07	2.61E-02	8.66E-05	6.51E-02	0.00E+00	3.62E+01	1.24E-07	3.62E+01	3.93E+01	6.51E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-02
M-RG1306022	3.48E-02	5.28E+00	0.00E+00	5.28E+00	0.00E+00	0.00E+00	3.49E+00	2.08E-06	1.59E-02	1.79E-01	0.00E+00	0.00E+00	9.34E-11	1.83E-09	1.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04	1.90E-01	7.66E+01	0.00E+00	8.10E-09	2.84E-07	4.45E-02	1.31E-04	1.02E-01	0.00E+00	7.66E+01	2.09E-07	7.66E+01	7.51E+01	1.02E-01	0.00E+00	0.00E+00	0.00E+00	2.04E-02
M-RG1306022S	1.79E-02	2.74E+00	0.00E+00	2.74E+00	0.00E+00	0.00E+00	1.74E+00	1.21E-06	8.10E-03	9.71E-02	0.00E+00	0.00E+00	4.48E-11	1.06E-09	9.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	9.18E-02	3.59E+01	0.00E+00	4.46E-09	1.49E-07	2.40E-02	8.25E-05	6.22E-02	0.00E+00	3.59E+01	1.17E-07	3.59E+01	3.83E+01	6.22E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-02
M-RG1308018	3.38E-02	5.19E+00	0.00E+00	5.19E+00	0.00E+00	0.00E+00	3.37E+00	2.03E-06	1.55E-02	1.73E-01	0.00E+00	0.00E+00	9.02E-11	1.78E-09	1.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	1.86E-01	7.41E+01	0.00E+00	7.94E-09	2.76E-07	4.41E-02	1.29E-04	9.94E-02	0.00E+00	7.41E+01	2.05E-07	7.41E+01	7.38E+01	9.94E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-02
M-RG1308018S	1.79E-02	2.68E+00	0.00E+00	2.68E+00	0.00E+00	0.00E+00	1.69E+00	1.17E-06	7.93E-03	9.56E-02	0.00E+00	0.00E+00	4.47E-11	1.03E-09	8.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	9.22E-02	3.52E+01	0.00E+00	4.33E-09	1.47E-07	2.35E-02	8.12E-05	6.01E-02	0.00E+00	3.52E+01	1.15E-07	3.52E+01	3.77E+01	6.01E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-02
M-RG1308020	3.44E-02	5.28E+00	0.00E+00	5.28E+00	0.00E+00	0.00E+00	3.49E+00	2.08E-06	1.59E-02	1.79E-01	0.00E+00	0.00E+00	9.34E-11	1.83E-09	1.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04	1.90E-01	7.66E+01	0.00E+00	8.10E-09	2.84E-07	4.45E-02	1.31E-04	1.02E-01	0.00E+00	7.66E+01	2.09E-07	7.66E+01	7.51E+01	1.02E-01	0.00E+00	0.00E+00	0.00E+00	2.04E-02
M-RG1308020S	1.84E-02	2.86E+00	0.00E+00	2.86E+00	0.00E+00	0.00E+00	1.81E+00	1.26E-06	8.28E-03	1.03E-01	0.00E+00	0.00E+00	4.71E-11	1.16E-09	9.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	9.18E-02	3.62E+01	0.00E+00	4.53E-09	1.49E-07	2.61E-02	8.66E-05	6.51E-02	0.00E+00	3.62E+01	1.24E-07	3.62E+01	3.93E+01	6.51E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-02
M-RG1308022	3.79E-02	5.61E+00	0.00E+00	5.61E+00	0.00E+00	0.00E+00	3.79E+00	2.20E-06	1.68E-02	1.88E-01	0.00E+00	0.00E+00	1.01E-10	1.96E-09	1.45E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04	2.00E-01	8.13E+01	0.00E+00	8.74E-09	3.04E-07	4.69E-02	1.40E-04	1.09E-01	0.00E+00	8.13E+01	2.25E-07	8.13E+01	8.06E+01	1.09E-01	0.00E+00	0.00E+00	0.00E+00	2.14E-02
M-RG1308022S	1.79E-02	2.74E+00	0.00E+00	2.74E+00	0.00E+00	0.00E+00	1.74E+00	1.21E-06	8.10E-03	9.71E-02	0.00E+00	0.00E+00	4.48E-11	1.06E-09	9.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	9.18E-02	3.59E+01	0.00E+00	4.46E-09	1.49E-07	2.40E-02	8.25E-05	6.27E-02	0.00E+00	3.59E+01	1.17E-07	3.59E+01	3.85E+01	6.27E-02	0.00E+00	0.00E+00	0.00

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M-RW17020	3.79E-02	5.89E+00	0.00E+00	5.89E+00	0.00E+00	0.00E+00	3.91E+00	2.22E-06	1.75E-02	1.95E-01	0.00E+00	0.00E+00	1.08E-10	2.08E-09	1.47E-02	0.00E+00	0.00E+00	0.00E+00	5.14E-04	2.00E-01	8.41E+01	0.00E+00	9.32E-09	3.00E-07	4.67E-02	1.51E-04	1.09E-01	0.00E+00	8.41E+01	2.37E-07	8.41E+01	8.66E+01	1.09E-01	0.00E+00	0.00E+00	0.00E+00	2.14E-02
M-RW17318	3.81E-02	5.94E+00	0.00E+00	5.94E+00	0.00E+00	0.00E+00	3.96E+00	2.24E-06	1.77E-02	1.97E-01	0.00E+00	0.00E+00	1.09E-10	2.10E-09	1.49E-02	0.00E+00	0.00E+00	0.00E+00	5.19E-04	2.06E-01	8.48E+01	0.00E+00	9.38E-09	3.08E-07	4.71E-02	1.52E-04	1.10E-01	0.00E+00	8.48E+01	2.40E-07	8.48E+01	8.69E+01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	2.17E-02
M-RW17320	4.11E-02	6.81E+00	0.00E+00	6.81E+00	0.00E+00	0.00E+00	4.19E+00	2.62E-06	1.96E-02	2.07E-01	0.00E+00	0.00E+00	1.19E-10	2.31E-09	1.58E-02	0.00E+00	0.00E+00	0.00E+00	5.53E-04	2.33E-01	9.72E+01	0.00E+00	1.07E-08	3.31E-07	4.81E-02	1.72E-04	1.16E-01	0.00E+00	9.72E+01	2.75E-07	9.72E+01	9.43E+01	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.32E-02
M-RW18018	3.72E-02	5.63E+00	0.00E+00	5.63E+00	0.00E+00	0.00E+00	3.88E+00	2.15E-06	1.72E-02	1.88E-01	0.00E+00	0.00E+00	1.06E-10	2.00E-09	1.45E-02	0.00E+00	0.00E+00	0.00E+00	5.02E-04	1.97E-01	8.11E+01	0.00E+00	8.93E-09	2.92E-07	4.60E-02	1.44E-04	1.07E-01	0.00E+00	8.11E+01	2.30E-07	8.11E+01	8.46E+01	1.07E-01	0.00E+00	0.00E+00	0.00E+00	2.07E-02
M-RW18020	3.88E-02	6.16E+00	0.00E+00	6.16E+00	0.00E+00	0.00E+00	3.94E+00	2.36E-06	1.79E-02	1.99E-01	0.00E+00	0.00E+00	1.12E-10	2.17E-09	1.49E-02	0.00E+00	0.00E+00	0.00E+00	5.26E-04	2.02E-01	8.84E+01	0.00E+00	9.56E-09	3.03E-07	4.72E-02	1.57E-04	1.12E-01	0.00E+00	8.84E+01	2.46E-07	8.84E+01	8.98E+01	1.12E-01	0.00E+00	0.00E+00	0.00E+00	2.14E-02
M-RW18318	3.81E-02	5.95E+00	0.00E+00	5.95E+00	0.00E+00	0.00E+00	3.88E+00	2.32E-06	1.76E-02	1.94E-01	0.00E+00	0.00E+00	1.10E-10	2.12E-09	1.47E-02	0.00E+00	0.00E+00	0.00E+00	5.14E-04	1.99E-01	8.61E+01	0.00E+00	9.33E-09	2.97E-07	4.62E-02	1.53E-04	1.10E-01	0.00E+00	8.61E+01	2.41E-07	8.61E+01	8.90E+01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	2.11E-02
M-RW18320	4.02E-02	6.47E+00	0.00E+00	6.47E+00	0.00E+00	0.00E+00	4.04E+00	2.49E-06	1.91E-02	2.00E-01	0.00E+00	0.00E+00	1.15E-10	2.23E-09	1.53E-02	0.00E+00	0.00E+00	0.00E+00	5.35E-04	2.23E-01	9.23E+01	0.00E+00	1.03E-08	3.12E-07	4.71E-02	1.65E-04	1.14E-01	0.00E+00	9.23E+01	2.63E-07	9.23E+01	9.25E+01	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.25E-02
M-RW3018	7.39E-03	1.16E+00	0.00E+00	1.16E+00	0.00E+00	0.00E+00	7.61E-01	4.37E-07	3.46E-03	3.80E-02	0.00E+00	0.00E+00	2.05E-11	3.96E-10	2.83E-03	0.00E+00	0.00E+00	0.00E+00	1.03E-04	4.09E-02	1.63E+01	0.00E+00	1.78E-09	6.00E-08	9.58E-03	2.96E-05	2.18E-02	0.00E+00	1.63E+01	4.58E-08	1.63E+01	1.63E+01	2.18E-02	0.00E+00	0.00E+00	0.00E+00	4.41E-03
M-RW3020	8.28E-03	1.30E+00	0.00E+00	1.30E+00	0.00E+00	0.00E+00	8.51E-01	4.89E-07	3.88E-03	4.25E-02	0.00E+00	0.00E+00	2.29E-11	4.43E-10	3.15E-03	0.00E+00	0.00E+00	0.00E+00	1.15E-04	4.58E-02	1.81E+01	0.00E+00	2.00E-09	6.68E-08	1.07E-02	3.27E-05	2.43E-02	0.00E+00	1.81E+01	5.12E-08	1.81E+01	1.82E+01	2.43E-02	0.00E+00	0.00E+00	0.00E+00	4.95E-03
M-RW3022	9.12E-03	1.45E+00	0.00E+00	1.45E+00	0.00E+00	0.00E+00	9.48E-01	5.42E-07	4.31E-03	4.72E-02	0.00E+00	0.00E+00	2.54E-11	4.90E-10	3.51E-03	0.00E+00	0.00E+00	0.00E+00	1.28E-04	5.08E-02	2.01E+01	0.00E+00	2.21E-09	7.36E-08	1.19E-02	3.62E-05	2.68E-02	0.00E+00	2.01E+01	5.70E-08	2.01E+01	2.01E+01	2.68E-02	0.00E+00	0.00E+00	0.00E+00	5.49E-03
M-RW3518	8.46E-03	1.35E+00	0.00E+00	1.35E+00	0.00E+00	0.00E+00	8.80E-01	5.05E-07	3.99E-03	4.39E-02	0.00E+00	0.00E+00	2.36E-11	4.56E-10	3.26E-03	0.00E+00	0.00E+00	0.00E+00	1.19E-04	4.73E-02	1.87E+01	0.00E+00	2.06E-09	6.83E-08	1.11E-02	3.37E-05	2.49E-02	0.00E+00	1.87E+01	5.29E-08	1.87E+01	1.88E+01	2.49E-02	0.00E+00	0.00E+00	0.00E+00	5.10E-03
M-RW3520	9.40E-03	1.49E+00	0.00E+00	1.49E+00	0.00E+00	0.00E+00	9.71E-01	5.59E-07	4.45E-03	4.90E-02	0.00E+00	0.00E+00	2.62E-11	5.06E-10	3.61E-03	0.00E+00	0.00E+00	0.00E+00	1.32E-04	5.24E-02	2.07E+01	0.00E+00	2.29E-09	7.56E-08	1.22E-02	3.73E-05	2.76E-02	0.00E+00	2.07E+01	5.90E-08	2.07E+01	2.07E+01	2.76E-02	0.00E+00	0.00E+00	0.00E+00	5.63E-03
M-RW3522	1.01E-02	1.58E+00	0.00E+00	1.58E+00	0.00E+00	0.00E+00	1.03E+00	5.93E-07	4.73E-03	5.21E-02	0.00E+00	0.00E+00	2.78E-11	5.38E-10	3.86E-03	0.00E+00	0.00E+00	0.00E+00	1.42E-04	5.66E-02	2.20E+01	0.00E+00	2.46E-09	8.10E-08	1.31E-02	3.97E-05	2.95E-02	0.00E+00	2.20E+01	6.32E-08	2.20E+01	2.21E+01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	6.04E-03
M-RW4	2.90E-04	4.66E-02	0.00E+00	4.66E-02	0.00E+00	0.00E+00	3.06E-02	1.76E-08	1.35E-04	1.49E-03	0.00E+00	0.00E+00	7.98E-13	1.55E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.05E-06	1.56E-03	6.55E-01	0.00E+00	7.01E-11	2.31E-09	3.76E-04	1.14E-06	8.50E-04	0.00E+00	6.55E-01	1.84E-09	6.55E-01	6.34E-01	8.50E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
M-RW4018	9.60E-03	1.51E+00	0.00E+00	1.51E+00	0.00E+00	0.00E+00	9.89E-01	5.66E-07	4.50E-03	4.98E-02	0.00E+00	0.00E+00	2.66E-11	5.12E-10	3.68E-03	0.00E+00	0.00E+00	0.00E+00	1.34E-04	5.38E-02	2.09E+01	0.00E+00	2.33E-09	7.71E-08	1.24E-02	3.78E-05	2.81E-02	0.00E+00	2.09E+01	5.99E-08	2.09E+01	2.09E+01	2.81E-02	0.00E+00	0.00E+00	0.00E+00	5.76E-03
M-RW4020	1.02E-02	1.59E+00	0.00E+00	1.59E+00	0.00E+00	0.00E+00	1.04E+00	5.97E-07	4.74E-03	5.22E-02	0.00E+00	0.00E+00	2.79E-11	5.40E-10	3.86E-03	0.00E+00	0.00E+00	0.00E+00	1.42E-04	5.66E-02	2.21E+01	0.00E+00	2.46E-09	8.14E-08	1.31E-02	3.99E-05	2.97E-02	0.00E+00	2.21E+01	6.32E-08	2.21E+01	2.22E+01	2.97E-02	0.00E+00	0.00E+00	0.00E+00	6.08E-03
M-RW4022	1.21E-02	1.91E+00	0.00E+00	1.91E+00	0.00E+00	0.00E+00	1.24E+00	7.19E-07	5.65E-03	6.22E-02	0.00E+00	0.00E+00	3.40E-11	6.53E-10	4.61E-03	0.00E+00	0.00E+00	0.00E+00	1.71E-04	6.82E-02	2.66E+01	0.00E+00	3.01E-09	9.80E-08	1.58E-02	4.80E-05	3.55E-02	0.00E+00	2.66E+01	7.48E-08	2.66E+01	2.71E+01	3.55E-02	0.00E+00	0.00E+00	0.00E+00	7.54E-03
M-RW4518	1.02E-02	1.59E+00	0.00E+00	1.59E+00	0.00E+00	0.00E+00	1.04E+00	5.97E-07	4.74E-03	5.22E-02	0.00E+00	0.00E+00	2.79E-11	5.40E-10	3.86E-03	0.00E+00	0.00E+00	0.00E+00	1.42E-04	5.66E-02	2.21E+01	0.00E+00	2.46E-09	8.14E-08	1.31E-02	3.99E-05	2.97E-02	0.00E+00	2.21E+01	6.32E-08	2.21E+01	2.22E+01	2.97E-02	0.00E+00	0.00E+00	0.00E+00	6.08E-03
M-RW4520	1.22E-02	1.92E+00	0.00E+00	1.92E+00	0.00E+00	0.00E+00	1.25E+00	7.23E-07	5.68E-03	6.26E-02	0.00E+00	0.00E+00	3.42E-11	6.56E-10	4.63E-03	0.00E+00	0.00E+00	0.00E+00	1.72E-04	6.86E-02	2.67E+01	0.00E+00	3.02E-09	9.86E-08	1.59E-02	4.83E-05	3.57E-02	0.00E+00	2.67E+01	7.51E-08	2.67E+01	2.72E+01	3.57E-02	0.00E+00	0.00E+00	0.00E+00	7.58E-03
M-RW4522	1.30E-02	1.95E+00	0.00E+00	1.95E+00	0.00E+00	0.00E+00	1.27E+00	7.33E-07	5.76E-03	6.34E-02	0.00E+00	0.00E+00	3.47E-11	6.64E-10	4.68E-03	0.00E+00	0.00E+00	0.00E+00	1.74E-04	6.91E-02	2.71E+01	0.00E+00	3.05E-09	1.01E-07	1.62E-02	4.90E-05	3.62E-02	0.00E+00	2.71E+01	7.63E-08	2.71E+01	2.76E+01	3.62E-02	0.00E+00	0.00E+00	0.00E+00	7.69E-03
M-RW5018	1.21E-02	1.91E+00	0.00E+00	1.91E+00	0.00E+00	0.00E+00	1.24E+00	7.19E-07	5.65E-03	6.22E-02	0.00E+00	0.00E+00	3.40E-11	6.53E-10	4.61E-03	0.00E+00	0.00E+00	0.00E+00	1.71E-04	6.82E-02	2.66E+01	0.00E+00	3.01E-09	9.80E-08	1.58E-02	4.80E-05	3.55E-02	0.00E+00	2.66E+01	7.48E-08	2.66E+01	2.71E+01	3.55E-02	0.00E+00	0.00E+00	0.00E+00	7.54E-03
M-RW5020	1.29E-02	1.94E+00	0.00E+00	1.94E+00	0.00E+00	0.00E+00	1.27E+00	7.31E-07	5.75E-03	6.31E-02	0.00E+00	0.00E+00	3.45E-11	6.61E-10	4.67E-03	0.00E+00	0.00E+00	0.00E+00	1.74E-04	6.89E-02	2.71E+01	0.00E+00	3.04E-09	1.01E-07	1.61E-02	4.87E-05	3.61E-02	0.00E+00	2.71E+01	7.59E-08	2.71E+01	2.74E+01	3.61E-02	0.00E+00	0.00E+00	0.00E+00	7.63E-03
M-RW5022	1.47E-02	2.21E+00	0.00E+00	2.21E+00	0.00E+00	0.00E+00	1.51E+00	8.31E-07	6.57E-03	7.38E-02	0.00E+00	0.00E+00	4.14E-11	7.80E-10	5.81E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-04	7.80E-02	3.13E+01	0.00E+00	3.67E-09	1.11E-07	1.80E-02	5.49E-05	4.27E-02	0.00E+00	3.13E+01	8.87E-08	3.13E+01	3.29E+01	4.27E-02	0.00E+00	0.00E+00	0.00E+00	8.34E-03
M-RW6012	9.22E-03	1.47E+00	0.00E+00	1.47E+00	0.00E+00	0.00E+00	9.60E-01	5.52E-07	4.39E-03	4.81E-02	0.00E+00	0.00E+00	2.58E-11	4.98E-10	3.57E-03	0.00E+00	0.00E+00	0.00E+00	1.30E-04	5.16E-02	2.04E+01	0.00E+00	2.25E-09	7.47E-08	1.21E-02	3.67E-05	2.72E-02	0.00E+00	2.04E+01	5.81E-08	2.04E+01	2.04E+01	2.72E-02	0.00E+00	0.00E+00	0.00E+00	5.56E-03
M-RW6016	1.23E-02	1.93E+00	0.00E+00	1.93E+00	0.00E+00	0.00E+00	1.26E+00	7.29E-07	5.71E-03	6.29E-02	0.00E+00	0.00E+00	3.45E-11	6.58E-10	4.66E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-04	6.89E-02	2.70E+01	0.00E+00	3.03E-09	9.97E-08	1.60E-02	4.87E-05	3.61E-02	0.00E+00	2.70E+01	7.55E-08	2.70E+01	2.74E+01	3.61E-02	0.00E+00	0.00E+00	0.00E+00	7.61E-03
M-RW6018	1.39E-02	2.14E+00	0.00E+00	2.14E+00	0.00E+00	0.00E+00	1.45E+00	8.04E-07	6.36E-03	7.09E-02	0.00E+00	0.00E+00	4.00E-11	7.56E-10	5.50E-03	0.00E+00	0.00E+00	0.00E+00	1.92E-04	7.29E-02	3.03E+01	0.00E+00	3.54E-09	1.06E-07	1.75E-02	5.30E-05	4.07E-02	0.00E+00	3.03E+01	8.57E-08	3.03E+01	3.14E+01	4.07E-02	0.00E+00	0.00E+00	0.00E+00	7.87E-03
M-RW6020	1.59E-02	2.45E+00	0.00E+00	2.45E+00	0.00E+00	0.00E+00	1.67E+00	9.20E-07	7.28E-03	8.27E-02	0.00E+00	0.00E+00	4.52E-11	8.54E-10	6.38E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-04	8.54E-02	3.45E+01	0.00E+00	3.97E-09	1.23E-07	2.00E-02	6.04E-05	4.76E-02	0.00E+00	3.45E+01	9.73E-08	3.45E+01	3.62E+01	4.76E-02	0.00E+00	0.00E+00	0.00E+00	9.10E-03
M-RW6022	1.75E-02	2.71E+00	0.00E+00	2.71E+00	0.00E+00	0.00E+00	1.87E+00	1.03E-06	8.19E-03	9.24E-02	0.00E+00	0.00E+00	5.10E-11	9.86E-10	7.13E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04	9.36E-02	3.89E+01	0.00E+00	4.44E-09	1.40E-07	2.19E-02	6.83E-05	5.34E-02	0.00E+00	3.89E+01	1.12E-07	3.89E+01	4.17E+01	5.34E-02	0.00E+00	0.00E+00	0.00E+00	9.95E-03
M-RW6518	1.59E-02	2.49E+00	0.00E+00	2.49E+00	0.00E+00	0.00E+00	1.67E+00	9.37E-07	7.40E-03	8.34E-02	0.00E+00	0.00E+00	4.66E-11	8.80E-10	6.38E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-04	8.49E-02	3.51E+01	0.00E+00	4.02E-09	1.23E-07	1.98E-02	6.13E-05	4.76E-02	0.00E+00	3.51E+01	9.89E-08	3.51E+01	3.73E+01	4.76E-02	0.00E+00	0.00E+00	0.00E+00	9.11E-03
M-RW6520	1.74E-02	2.72E+00	0.00E+00	2.72E+00	0.00E+00	0.00E+00	1.81E+00	1.02E-06	8.18E-03	9.07E-02	0.00E+00	0.00E+00	5.01E-11	9.64E-10	7.11E-03	0.00E+00	0.00E+00	0.00E+00	2.38E-04	9.28E-02	3.81E+01	0.00E+00	4.34E-09	1.35E-07	2.17E-02	6.61E-05	5.23E-02	0.00E+00	3.81E+01	1.10E-07	3.81E+01	4.07E+01	5.23E-02	0.00E+00	0.00E+00	0.00E+00	9.94E-03
M-RW6522	1.88E-02	2.97E+00	0.00E+00	2.97E+00	0.00E+00	0.00E+00	2.05E+00	1.12E-06	8.83E-03	1.01E-01	0.00E+00	0.00E+00	5.49E-11	1.07E-09	7.62E-03	0.00E+00	0.00E+00	0.00E+00	2.63E-04	1.02E-01	4.20E+01	0.00E+00	4.82E-09	1.55E-07	2.40E-02	7.44E-05	5.75E-02	0.00E+00	4.20E+01	1.22E-07	4.20E+01	4.51E+01	5.75E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-02
M-RW6718	1.68E-02	2.58E+00	0.00E+00	2.58E+00	0.00E+00	0.00E+00	1.74E+00	9.66E-07	7.76E-03	8.72E-02	0.00E+00	0.00E+00	4.80E-11	9.14E-10	6.62E-03	0.00E+00	0.00E+00	0.00E+00	2.26E-04	8.90E-02	3.64E+01	0.00E+00	4.13E-09	1.29E-07	2.08E-02	6.33E-05	4.99E-02	0.00E+00	3.64E+01	1.04E-07	3.64E+01	3.89E+01	4.99E-02	0.00E+00	0.00E+00	0.00E+00	9.54E-03
M-RW6720	1.84E-02	2.87E+00	0.00E+00	2.87E+00	0.00E+00	0.00E+00	1.99E+00	1.07E-06	8.48E-03	9.65E-02	0.00E+00	0.00E+00	5.28E-11	1.03E-09	7.41E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04	9.74E-02	4.01E+01	0.00E+00	4.65E-09	1.51E-07	2.30E-02	7.08E-05	5.55E-02	0.00E+00	4.01E+01	1.18E-07	4.01E+01	4.34E+01	5.55E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-02
M-RW7018	1.69E-02	2.59E+00	0.00E+00	2.59E+00	0.00E+00	0.00E+00	1.75E+00	9.77E-07	7.80E-03	8.80E-02	0.00E+00	0.00E+00	4.83E-11	9.21E-10	6.66E-03	0.00E+00	0.00E+00	0.00E+00	2.27E-04	9.01E-02	3.66E+01	0.00E+00	4.17E-09	1.30E-07	2.10E-02	6.40E-05	5.03E-02	0.00E+00	3.66E+01	1.05E-07	3.66E+01	3.93E+01	5.03E-02	0.00E+00	0.00E+00	0.00E+00	9.59E-03
M-RW7020	1.84E-02	2.87E+00	0.00E+00	2.87E+00	0.00E+00	0.00E+00	1.99E+00	1.08E-06	8.50E-03	9.74E-02	0.00E+00	0.00E+00	5.30E-11	1.03E-09	7.43E-03	0.00E+00	0.00E+00	0.00E+00	2.53E-04	9.81E-02	4.02E+01	0.00E+00	4.67E-09	1.51E-07	2.33E-02	7.14E-05	5.58E-02	0.00E+00	4.02E+01	1.19E-07	4.02E+01	4.36E+01	5.58E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-02
M-RW7022	1.88E-02	2.97E+00	0.00E+00	2.97E+00	0.00E+00	0.00E+00	2.05E+00	1.13E-06	8.84E-03	1.02E-01	0.00E+00	0.00E+00	5.50E-11	1.07E-09	7.64E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-04	1.02E-01	4.21E+01	0.00E+00	4.84E-09	1.56E-07	2.42E-02	7.48E-05	5.77E-02	0.00E+00	4.21E+01	1.22E-07	4.21E+01	4.54E+01	5.77E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-02
M-RW7518	1.84E-02	2.87E+00	0.00E+00	2.87E+00	0.00E+00	0.00E+00	1.99E+00	1.07E-06	8.48E-03	9.65E-02	0.00E+00	0.00E+00	5.28E-11	1.03E-09	7.41E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04	9.74E-02	4.01E+01	0.00E+00	4.65E-09	1.51E-07	2.30E-02	7.08E-05	5.55E-02	0.00E+00	4.01E+01	1.18E-07	4.01E+01	4.34E+01	5.55E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-02
M-RW7520	1.88E-02	2.97E+00	0.00E+00	2.97E+00	0.00E+00	0.00E+00	2.05E+00	1.12E-06	8.83E-03	1.01E-01	0.00E+00	0.00E+00	5.49E-11	1.07E-09	7.62E-03	0.00E+00	0.00E+00	0.00E+00	2.63E-04	1.02E-01	4.20E+01	0.00E+00	4.82E-09	1.55E-07	2.40E-02	7.44E-05	5.75E-02	0.00E+00	4.20E+01	1.22E-07	4.20E+01	4.51E+01	5.75E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-02
M-RW8016	1.69E-02	2.59E+00	0.00E+00	2.59E+00	0.00E+00	0.00E+00	1.75E+00	9.71E-07	7.80E-03	8.74E-02	0.00E+00	0.00E+00	4.82E-11	9.19E-10	6.65E-03	0.00E+00	0.00E+00	0.00E+00	2.27E-04	8.95E-02	3.66E+01	0.00E+00	4.16E-09	1.30E-07	2.09E-02	6.36E-05	5.01E-02	0.00E+00	3.66E+01	1.05E-07	3.66E+01	3.91E+01	5.01E-02	0.00E+00	0.00E+00	0.00E+00	9.55E-03
M-RW8018	1.88E-02	2.97E+00	0.00E+00	2.97E+00	0.00E+00	0.00E+00	2.05E+00	1.13E-06	8.84E-03	1.02E-01	0.00E+00	0.00E+00	5.50E-11	1.07E-09	7.64E-03	0.00E+00	0.00E+00	0.00E+00	2.63E-04	1.02E-01	4.21E+01	0.00E+00	4.84E-09	1.56E-07	2.42E-02	7.48E-05	5.77E-02	0.00E+00	4.21E+01	1.22E-07	4.21E+01	4.54E+01	5.77E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-02
M-RW8020	1.90E-02	3.00E+00	0.00E+00	3.00E+00	0.00E+00	0.00E+00	2.07E+00	1.14E-06	8.93E-03	1.03E-01	0.00E+00	0.00E+00	5.55E-11	1.08E-09	7.71E-03	0.00E+00	0.00E+00	0.00E+00	2.66E-04	1.03E-01	4.25E+01	0.00E+00	4.88E-09	1.57E-07	2.45E-02	7.56E-05	5.84E-02	0.00E+00	4.25E+01	1.23E-07	4.25E+01	4.58E+01	5.84E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-02
M-RW8022	1.99E-02	3.14E+00	0.00E+00	3.14E+00	0.00E+00	0.00E+00	2.16E+00	1.19E-06	9.40E-03	1.07E-01	0.00E+00	0.00E+00	5.81E-11	1.12E-09	8.03E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-04	1.06E-01	4.44E+01	0.00E+00	5.08E-09	1.63E-07	2.54E-02	7.95E-05	6.08E-02	0.00E+00	4.44E+01	1.28E-07	4.44E+01	4.73E+01	6.08E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-02
M-RW8516	1.84E-02	2.87E+00	0.00E+00	2.87E+00	0.00E+00	0.00E+00	1.99E+00	1.07E-06	8.48E-03	9.65E-02	0.00E+00	0.00E+00	5.28E-11	1.03E-09	7.41E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04	9.74E-02	4.01E+01	0.00E+00	4.65E-09	1.51E-07	2.30E-02	7.08E-05	5.55E-02	0.00E+00	4.01E+01	1.18E-07	4.01E+01	4.34E+01	5.55E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-02
M-RW8518	1.88E-02	2.97E+00	0.00E+00	2.97E+00	0.00E+00	0.00E+00	2.05E+00	1.13E-06	8.84E-03	1.02E-01	0.00E+00	0.00E+00	5.50E-11	1.07E-09	7.64E-03	0.00E+00	0.00E+00	0.00E+00	2.63E-04	1.02E-01	4.21E+01	0.00E+00	4.84E-09	1.56E-07	2.42E-02	7.48E-05	5.77E-02	0.00E+00	4.21E+01	1.22E-07	4.21E+01	4.54E+01	5.77E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-02
M-RW8520	1.99E-02	3.13E+00	0.00E+00	3.13E+00	0.00E+00	0.00E+00	2.16E+00	1.19E-06	9.40E-03	1.07E-01	0.00E+00	0.00E+00	5.81E-11	1.12E-09	8.03E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-04	1.06E-01	4.44E+01	0.00E+00	5.08E-09	1.63E-07	2.54E-02	7.95E-05	6.08E-02	0.00E+00	4.44E+01	1.28E-07	4.44E+01	4.73E+01	6.08E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-02
M-RW8522	2.02E-02	3.18E+00	0.00E+00	3.18E+00	0.00E+00	0.00E+00	2.19E+00	1.20E-06	9.54E-03	1.09E-01	0.00E+00	0.00E+00	5.88E-11	1.13E-09	8.15E-03	0.00E+00	0.00E+00	0.00E+00	2.79E-04	1.08E-01	4.51E+01	0.00E+00	5.11E-09	1.65E-07	2.57E-02	8.07E-05	6.22E-02	0.00E+00	4.51E+01	1.30E-07	4.51E+01	4.80E+01	6.22E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-02
M-RW9018	1.90E-02	3.00E+00	0.00E+00	3.00E+00	0.00E+00	0.00E+00	2.07E+00	1.14E-06	8.93E-03	1.03E-

M-RWG9020	2.01E-02	3.18E+00	0.00E+00	3.18E+00	0.00E+00	0.00E+00	2.19E+00	1.20E-06	9.53E-03	1.09E-01	0.00E+00	0.00E+00	5.88E-11	1.13E-09	8.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	1.08E-01	4.51E+01	0.00E+00	5.11E-09	1.65E-07	2.57E-02	8.07E-05	6.21E-02	0.00E+00	4.51E+01	1.30E-07	4.51E+01	4.80E+01	6.21E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-02
M-RWG9022	2.81E-02	4.50E+00	0.00E+00	4.50E+00	0.00E+00	0.00E+00	3.03E+00	1.70E-06	1.35E-02	1.49E-01	0.00E+00	0.00E+00	8.18E-11	1.56E-09	1.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04	1.56E-01	6.37E+01	0.00E+00	7.11E-09	2.29E-07	3.73E-02	1.13E-04	8.47E-02	0.00E+00	6.37E+01	1.81E-07	6.37E+01	6.76E+01	8.47E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-02
M-RWL10018	2.23E-02	3.89E+00	0.00E+00	3.89E+00	0.00E+00	0.00E+00	2.45E+00	1.39E-06	1.16E-02	1.13E-01	0.00E+00	0.00E+00	6.64E-11	1.19E-09	8.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	1.29E-01	5.33E+01	0.00E+00	5.64E-09	1.80E-07	2.92E-02	8.76E-05	6.86E-02	0.00E+00	5.33E+01	1.41E-07	5.33E+01	5.30E+01	6.86E-02	0.00E+00	0.00E+00	0.00E+00	1.33E-02
M-RWL10020	2.28E-02	3.95E+00	0.00E+00	3.95E+00	0.00E+00	0.00E+00	2.50E+00	1.38E-06	1.18E-02	1.16E-01	0.00E+00	0.00E+00	6.75E-11	1.21E-09	8.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04	1.32E-01	5.43E+01	0.00E+00	5.75E-09	1.84E-07	2.98E-02	8.93E-05	7.00E-02	0.00E+00	5.43E+01	1.44E-07	5.43E+01	5.39E+01	7.00E-02	0.00E+00	0.00E+00	0.00E+00	1.36E-02
M-RWL10022	2.28E-02	3.95E+00	0.00E+00	3.95E+00	0.00E+00	0.00E+00	2.50E+00	1.38E-06	1.18E-02	1.16E-01	0.00E+00	0.00E+00	6.75E-11	1.21E-09	8.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04	1.32E-01	5.43E+01	0.00E+00	5.75E-09	1.84E-07	2.98E-02	8.93E-05	7.00E-02	0.00E+00	5.43E+01	1.44E-07	5.43E+01	5.39E+01	7.00E-02	0.00E+00	0.00E+00	0.00E+00	1.36E-02
M-RWL3018	5.90E-03	8.75E-01	0.00E+00	8.75E-01	0.00E+00	0.00E+00	5.72E-01	3.28E-07	2.60E-03	2.86E-02	0.00E+00	0.00E+00	1.54E-11	2.96E-10	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-05	3.07E-02	1.22E+01	0.00E+00	1.34E-09	4.49E-08	7.18E-03	2.18E-05	1.63E-02	0.00E+00	1.22E+01	3.45E-08	1.22E+01	1.22E+01	1.63E-02	0.00E+00	0.00E+00	0.00E+00	3.29E-03
M-RWL3020	6.40E-03	1.01E+00	0.00E+00	1.01E+00	0.00E+00	0.00E+00	6.61E-01	3.79E-07	2.99E-03	3.28E-02	0.00E+00	0.00E+00	1.78E-11	3.43E-10	2.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-05	3.54E-02	1.41E+01	0.00E+00	1.54E-09	5.21E-08	8.31E-03	2.52E-05	1.88E-02	0.00E+00	1.41E+01	3.98E-08	1.41E+01	1.41E+01	1.88E-02	0.00E+00	0.00E+00	0.00E+00	3.85E-03
M-RWL3022	7.36E-03	1.15E+00	0.00E+00	1.15E+00	0.00E+00	0.00E+00	7.59E-01	4.34E-07	3.43E-03	3.76E-02	0.00E+00	0.00E+00	2.04E-11	3.93E-10	2.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	4.06E-02	1.61E+01	0.00E+00	1.77E-09	5.95E-08	9.50E-03	2.90E-05	2.15E-02	0.00E+00	1.61E+01	4.55E-08	1.61E+01	1.62E+01	2.15E-02	0.00E+00	0.00E+00	0.00E+00	4.41E-03
M-RWL3518	6.44E-03	1.02E+00	0.00E+00	1.02E+00	0.00E+00	0.00E+00	6.66E-01	3.82E-07	3.02E-03	3.31E-02	0.00E+00	0.00E+00	1.79E-11	3.46E-10	2.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-05	3.57E-02	1.42E+01	0.00E+00	1.55E-09	5.26E-08	8.36E-03	2.55E-05	1.89E-02	0.00E+00	1.42E+01	4.02E-08	1.42E+01	1.42E+01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	3.89E-03
M-RWL3520	7.40E-03	1.16E+00	0.00E+00	1.16E+00	0.00E+00	0.00E+00	7.63E-01	4.37E-07	3.45E-03	3.78E-02	0.00E+00	0.00E+00	2.05E-11	3.96E-10	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	4.10E-02	1.62E+01	0.00E+00	1.78E-09	5.98E-08	9.55E-03	2.91E-05	2.16E-02	0.00E+00	1.62E+01	4.58E-08	1.62E+01	1.63E+01	2.16E-02	0.00E+00	0.00E+00	0.00E+00	4.43E-03
M-RWL3522	8.08E-03	1.27E+00	0.00E+00	1.27E+00	0.00E+00	0.00E+00	8.35E-01	4.80E-07	3.78E-03	4.15E-02	0.00E+00	0.00E+00	2.23E-11	4.33E-10	3.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	4.47E-02	1.78E+01	0.00E+00	1.95E-09	6.58E-08	1.05E-02	3.20E-05	2.38E-02	0.00E+00	1.78E+01	5.03E-08	1.78E+01	1.79E+01	2.38E-02	0.00E+00	0.00E+00	0.00E+00	4.87E-03
M-RWL4018	7.43E-03	1.17E+00	0.00E+00	1.17E+00	0.00E+00	0.00E+00	7.66E-01	4.39E-07	3.46E-03	3.80E-02	0.00E+00	0.00E+00	2.05E-11	3.97E-10	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	4.11E-02	1.63E+01	0.00E+00	1.79E-09	6.01E-08	9.60E-03	2.92E-05	2.18E-02	0.00E+00	1.63E+01	4.60E-08	1.63E+01	1.63E+01	2.18E-02	0.00E+00	0.00E+00	0.00E+00	4.45E-03
M-RWL4020	8.15E-03	1.28E+00	0.00E+00	1.28E+00	0.00E+00	0.00E+00	8.41E-01	4.83E-07	3.80E-03	4.18E-02	0.00E+00	0.00E+00	2.25E-11	4.36E-10	3.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	4.50E-02	1.79E+01	0.00E+00	1.96E-09	6.62E-08	1.05E-02	3.22E-05	2.39E-02	0.00E+00	1.79E+01	5.06E-08	1.79E+01	1.79E+01	2.39E-02	0.00E+00	0.00E+00	0.00E+00	4.90E-03
M-RWL4022	9.02E-03	1.42E+00	0.00E+00	1.42E+00	0.00E+00	0.00E+00	9.37E-01	5.35E-07	4.22E-03	4.65E-02	0.00E+00	0.00E+00	2.51E-11	4.85E-10	3.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	5.01E-02	1.99E+01	0.00E+00	2.18E-09	7.33E-08	1.17E-02	3.56E-05	2.66E-02	0.00E+00	1.99E+01	5.60E-08	1.99E+01	1.99E+01	2.66E-02	0.00E+00	0.00E+00	0.00E+00	5.40E-03
M-RWL4518	8.15E-03	1.28E+00	0.00E+00	1.28E+00	0.00E+00	0.00E+00	8.41E-01	4.83E-07	3.80E-03	4.18E-02	0.00E+00	0.00E+00	2.25E-11	4.36E-10	3.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	4.50E-02	1.79E+01	0.00E+00	1.96E-09	6.62E-08	1.05E-02	3.22E-05	2.39E-02	0.00E+00	1.79E+01	5.06E-08	1.79E+01	1.79E+01	2.39E-02	0.00E+00	0.00E+00	0.00E+00	4.90E-03
M-RWL4520	9.09E-03	1.43E+00	0.00E+00	1.43E+00	0.00E+00	0.00E+00	9.39E-01	5.38E-07	4.25E-03	4.68E-02	0.00E+00	0.00E+00	2.51E-11	4.86E-10	3.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	5.04E-02	1.99E+01	0.00E+00	2.19E-09	7.36E-08	1.17E-02	3.58E-05	2.67E-02	0.00E+00	1.99E+01	5.62E-08	1.99E+01	1.99E+01	2.67E-02	0.00E+00	0.00E+00	0.00E+00	5.42E-03
M-RWL4522	1.00E-02	1.57E+00	0.00E+00	1.57E+00	0.00E+00	0.00E+00	1.03E+00	5.91E-07	4.66E-03	5.14E-02	0.00E+00	0.00E+00	2.77E-11	5.37E-10	3.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	5.55E-02	2.20E+01	0.00E+00	2.41E-09	8.13E-08	1.29E-02	3.94E-05	2.94E-02	0.00E+00	2.20E+01	6.17E-08	2.20E+01	2.20E+01	2.94E-02	0.00E+00	0.00E+00	0.00E+00	5.96E-03
M-RWL5018	9.02E-03	1.42E+00	0.00E+00	1.42E+00	0.00E+00	0.00E+00	9.37E-01	5.35E-07	4.23E-03	4.65E-02	0.00E+00	0.00E+00	2.51E-11	4.85E-10	3.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	5.01E-02	1.99E+01	0.00E+00	2.18E-09	7.33E-08	1.17E-02	3.56E-05	2.66E-02	0.00E+00	1.99E+01	5.60E-08	1.99E+01	1.99E+01	2.66E-02	0.00E+00	0.00E+00	0.00E+00	5.40E-03
M-RWL5020	1.00E-02	1.57E+00	0.00E+00	1.57E+00	0.00E+00	0.00E+00	1.03E+00	5.91E-07	4.66E-03	5.14E-02	0.00E+00	0.00E+00	2.77E-11	5.37E-10	3.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	5.55E-02	2.20E+01	0.00E+00	2.41E-09	8.13E-08	1.29E-02	3.94E-05	2.94E-02	0.00E+00	2.20E+01	6.17E-08	2.20E+01	2.20E+01	2.94E-02	0.00E+00	0.00E+00	0.00E+00	5.96E-03
M-RWL5022	1.01E-02	1.59E+00	0.00E+00	1.59E+00	0.00E+00	0.00E+00	1.05E+00	5.98E-07	4.73E-03	5.19E-02	0.00E+00	0.00E+00	2.81E-11	5.44E-10	3.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	5.62E-02	2.22E+01	0.00E+00	2.44E-09	8.19E-08	1.31E-02	3.98E-05	2.97E-02	0.00E+00	2.22E+01	6.24E-08	2.22E+01	2.23E+01	2.97E-02	0.00E+00	0.00E+00	0.00E+00	6.03E-03
M-RWL6012	7.93E-03	1.25E+00	0.00E+00	1.25E+00	0.00E+00	0.00E+00	8.20E-01	4.70E-07	3.71E-03	4.07E-02	0.00E+00	0.00E+00	2.19E-11	4.25E-10	3.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	4.40E-02	1.75E+01	0.00E+00	1.91E-09	6.45E-08	1.03E-02	3.13E-05	2.33E-02	0.00E+00	1.75E+01	4.93E-08	1.75E+01	1.74E+01	2.33E-02	0.00E+00	0.00E+00	0.00E+00	4.76E-03
M-RWL6018	1.01E-02	1.59E+00	0.00E+00	1.59E+00	0.00E+00	0.00E+00	1.04E+00	5.95E-07	4.71E-03	5.17E-02	0.00E+00	0.00E+00	2.80E-11	5.42E-10	3.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	5.60E-02	2.22E+01	0.00E+00	2.43E-09	8.19E-08	1.31E-02	3.96E-05	2.96E-02	0.00E+00	2.22E+01	6.24E-08	2.22E+01	2.22E+01	2.96E-02	0.00E+00	0.00E+00	0.00E+00	6.03E-03
M-RWL6020	1.21E-02	1.94E+00	0.00E+00	1.94E+00	0.00E+00	0.00E+00	1.26E+00	7.24E-07	5.75E-03	6.30E-02	0.00E+00	0.00E+00	3.42E-11	6.54E-10	4.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	6.76E-02	2.69E+01	0.00E+00	2.99E-09	9.95E-08	1.60E-02	4.83E-05	3.62E-02	0.00E+00	2.69E+01	7.56E-08	2.69E+01	2.71E+01	3.62E-02	0.00E+00	0.00E+00	0.00E+00	7.31E-03
M-RWL6022	1.25E-02	1.97E+00	0.00E+00	1.97E+00	0.00E+00	0.00E+00	1.28E+00	7.30E-07	5.83E-03	6.38E-02	0.00E+00	0.00E+00	3.47E-11	6.63E-10	4.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	6.87E-02	2.74E+01	0.00E+00	3.03E-09	1.01E-07	1.62E-02	4.93E-05	3.67E-02	0.00E+00	2.74E+01	7.70E-08	2.74E+01	2.75E+01	3.67E-02	0.00E+00	0.00E+00	0.00E+00	7.41E-03
M-RWL7018	1.23E-02	1.96E+00	0.00E+00	1.96E+00	0.00E+00	0.00E+00	1.27E+00	7.30E-07	5.80E-03	6.34E-02	0.00E+00	0.00E+00	3.45E-11	6.60E-10	4.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	6.78E-02	2.72E+01	0.00E+00	2.98E-09	1.00E-07	1.61E-02	4.89E-05	3.65E-02	0.00E+00	2.72E+01	7.63E-08	2.72E+01	2.73E+01	3.65E-02	0.00E+00	0.00E+00	0.00E+00	7.34E-03
M-RWL7020	1.34E-02	2.09E+00	0.00E+00	2.09E+00	0.00E+00	0.00E+00	1.36E+00	7.86E-07	6.24E-03	6.79E-02	0.00E+00	0.00E+00	3.69E-11	7.12E-10	5.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	7.33E-02	2.93E+01	0.00E+00	3.23E-09	1.08E-07	1.72E-02	5.24E-05	3.89E-02	0.00E+00	2.93E+01	8.22E-08	2.93E+01	2.92E+01	3.89E-02	0.00E+00	0.00E+00	0.00E+00	7.86E-03
M-RWL7022	1.52E-02	2.54E+00	0.00E+00	2.54E+00	0.00E+00	0.00E+00	1.63E+00	9.19E-07	7.74E-03	7.73E-02	0.00E+00	0.00E+00	4.31E-11	8.23E-10	5.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	9.07E-02	3.42E+01	0.00E+00	3.81E-09	1.26E-07	1.96E-02	6.02E-05	4.54E-02	0.00E+00	3.42E+01	9.48E-08	3.42E+01	3.46E+01	4.54E-02	0.00E+00	0.00E+00	0.00E+00	9.04E-03
M-RWL8018	1.35E-02	2.11E+00	0.00E+00	2.11E+00	0.00E+00	0.00E+00	1.38E+00	8.02E-07	6.37E-03	6.91E-02	0.00E+00	0.00E+00	3.70E-11	7.25E-10	5.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	7.44E-02	2.96E+01	0.00E+00	3.27E-09	1.09E-07	1.74E-02	5.29E-05	3.94E-02	0.00E+00	2.96E+01	8.31E-08	2.96E+01	2.95E+01	3.94E-02	0.00E+00	0.00E+00	0.00E+00	7.93E-03
M-RWL8020	1.66E-02	2.74E+00	0.00E+00	2.74E+00	0.00E+00	0.00E+00	1.78E+00	9.92E-07	8.53E-03	8.24E-02	0.00E+00	0.00E+00	4.78E-11	8.77E-10	6.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	9.48E-02	3.74E+01	0.00E+00	4.13E-09	1.34E-07	2.13E-02	6.39E-05	5.00E-02	0.00E+00	3.74E+01	1.03E-07	3.74E+01	3.84E+01	5.00E-02	0.00E+00	0.00E+00	0.00E+00	9.89E-03
M-RWL8022	1.89E-02	3.19E+00	0.00E+00	3.19E+00	0.00E+00	0.00E+00	2.05E+00	1.13E-06	9.85E-03	9.42E-02	0.00E+00	0.00E+00	5.59E-11	9.90E-10	7.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	1.08E-01	4.43E+01	0.00E+00	4.75E-09	1.51E-07	2.37E-02	7.19E-05	5.74E-02	0.00E+00	4.43E+01	1.15E-07	4.43E+01	4.43E+01	5.74E-02	0.00E+00	0.00E+00	0.00E+00	1.09E-02
M-RWL8518	1.44E-02	2.34E+00	0.00E+00	2.34E+00	0.00E+00	0.00E+00	1.55E+00	8.74E-07	7.30E-03	7.42E-02	0.00E+00	0.00E+00	4.14E-11	7.80E-10	5.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	8.66E-02	3.18E+01	0.00E+00	3.65E-09	1.20E-07	1.89E-02	5.60E-05	4.37E-02	0.00E+00	3.18E+01	8.94E-08	3.18E+01	3.30E+01	4.37E-02	0.00E+00	0.00E+00	0.00E+00	8.77E-03
M-RWL8520	1.80E-02	3.08E+00	0.00E+00	3.08E+00	0.00E+00	0.00E+00	1.95E+00	1.09E-06	9.32E-03	8.91E-02	0.00E+00	0.00E+00	5.30E-11	9.47E-10	6.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	1.03E-01	4.25E+01	0.00E+00	4.51E-09	1.45E-07	2.28E-02	6.91E-05	5.45E-02	0.00E+00	4.25E+01	1.10E-07	4.25E+01	4.24E+01	5.45E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-02
M-RWL8522	1.98E-02	3.43E+00	0.00E+00	3.43E+00	0.00E+00	0.00E+00	2.16E+00	1.19E-06	1.05E-02	9.94E-02	0.00E+00	0.00E+00	5.90E-11	1.04E-09	7.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	1.14E-01	4.67E+01	0.00E+00	4.95E-09	1.57E-07	2.49E-02	7.57E-05	6.00E-02	0.00E+00	4.67E+01	1.21E-07	4.67E+01	4.70E+01	6.00E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-02
M-RWL9018	1.69E-02	2.80E+00	0.00E+00	2.80E+00	0.00E+00	0.00E+00	1.80E+00	9.99E-07	8.71E-03	8.30E-02	0.00E+00	0.00E+00	4.84E-11	8.84E-10	6.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	9.65E-02	3.83E+01	0.00E+00	4.20E-09	1.35E-07	2.14E-02	6.44E-05	5.08E-02	0.00E+00	3.83E+01	1.03E-07	3.83E+01	3.89E+01	5.08E-02	0.00E+00	0.00E+00	0.00E+00	9.76E-03
M-RWL9020	1.94E-02	3.33E+00	0.00E+00	3.33E+00	0.00E+00	0.00E+00	2.10E+00	1.17E-06	1.02E-02	9.68E-02	0.00E+00	0.00E+00	5.76E-11	1.01E-09	7.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04	1.09E-01	4.59E+01	0.00E+00	4.90E-09	1.55E-07	2.44E-02	7.45E-05	5.88E-02	0.00E+00	4.59E+01	1.18E-07	4.59E+01	4.60E+01	5.88E-02	0.00E+00	0.00E+00	0.00E+00	1.12E-02
M-RWL9022	2.02E-02	3.52E+00	0.00E+00	3.52E+00	0.00E+00	0.00E+00	2.21E+00	1.22E-06	1.07E-02	1.02E-01	0.00E+00	0.00E+00	6.04E-11	1.06E-09	7.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	1.17E-01	4.78E+01	0.00E+00	5.10E-09	1.61E-07	2.56E-02	7.80E-05	6.13E-02	0.00E+00	4.78E+01	1.24E-07	4.78E+01	4.75E+01	6.13E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-02
M-RWS10018	2.04E-02	3.19E+00	0.00E+00	3.19E+00	0.00E+00	0.00E+00	2.18E+00	1.21E-06	9.53E-03	1.09E-01	0.00E+00	0.00E+00	5.91E-11	1.13E-09	8.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	1.08E-01	4.49E+01	0.00E+00	5.15E-09	1.65E-07	2.58E-02	8.10E-05	6.20E-02	0.00E+00	4.49E+01	1.30E-07	4.49E+01	4.79E+01	6.20E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-02
M-RWS10020	2.86E-02	4.54E+00	0.00E+00	4.54E+00	0.00E+00	0.00E+00	3.07E+00	1.73E-06	1.37E-02	1.52E-01	0.00E+00	0.00E+00	8.27E-11	1.60E-09	1.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	1.58E-01	6.47E+01	0.00E+00	7.25E-09	2.31E-07	3.74E-02	1.14E-04	8.64E-02	0.00E+00	6.47E+01	1.82E-07	6.47E+01	6.78E+01	8.64E-02	0.00E+00	0.00E+00	0.00E+00	1.71E-02
M-RWS10022	2.92E-02	4.66E+00	0.00E+00	4.66E+00	0.00E+00	0.00E+00	3.15E+00	1.77E-06	1.40E-02	1.56E-01	0.00E+00	0.00E+00	8.45E-11	1.63E-09	1.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04	1.61E-01	6.64E+01	0.00E+00	7.44E-09	2.37E-07	3.84E-02	1.17E-04	8.84E-02	0.00E+00	6.64E+01	1.88E-07	6.64E+01	6.95E+01	8.84E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-02
M-RWS3018	7.64E-03	1.21E+00	0.00E+00	1.21E+00	0.00E+00	0.00E+00	7.93E-01	4.55E-07	3.60E-03	3.95E-02	0.00E+00	0.00E+00	2.13E-11	4.12E-10	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	4.25E-02	1.69E+01	0.00E+00	1.89E-09	6.22E-08	9.97E-03	3.03E-05	2.26E-02	0.00E+00	1.69E+01	4.76E-08	1.69E+01	1.70E+01	2.26E-02	0.00E+00	0.00E+00	0.00E+00	4.58E-03
M-RWS3020	8.56E-03	1.36E+00	0.00E+00	1.36E+00	0.00E+00	0.00E+00	8.93E-01	5.12E-07	4.04E-03	4.44E-02	0.00E+00	0.00E+00	2.38E-11	4.62E-10	3.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	4.79E-02	1.89E+01	0.00E+00	2.08E-09	6.92E-08	1.12E-02	3.41E-05	2.52E-02	0.00E+00	1.89E+01	5.35E-08	1.89E+01	1.90E+01	2.52E-02	0.00E+00	0.00E+00	0.00E+00	5.18E-03
M-RWS3022	9.24E-03	1.47E+00	0.00E+00	1.47E+00	0.00E+00	0.00E+00	9.60E-01	5.56E-07	4.39E-03	4.82E-02	0.00E+00	0.00E+00	2.58E-11	4.99E-10	3.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	5.16E-02	2.04E+01	0.00E+00	2.25E-09	7.48E-08	1.21E-02	3.68E-05	2.72E-02	0.00E+00	2.04E+01	5.82E-08	2.04E+01	2.05E+01	2.72E-02	0.00E+00	0.00E+00	0.00E+00	5.57E-03
M-RWS3518	8.68E-03	1.39E+00	0.00E+00	1.39E+00	0.00E+00	0.00E+00	9.04E-01	5.21E-07	4.12E-03	4.51E-02	0.00E+00	0.00E+00	2.43E-11	4.69E-10	3.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	4.85E-02	1.93E+01	0.00E+00	2.12E-09	7.00E-08	1.14E-02	3.46E-05	2.56E-02	0.00E+00	1.93E+01	5.46E-08	1.93E+01	1.94E+01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	5.25E-03
M-RWS3520	9.80E-03	1.54E+00	0.00E+00	1.54E+00	0.00E+00	0.00E+00	1.00E+00	5.78E-07	4.56E-03	5.01E-02	0.00E+00	0.00E+00	2.70E-11	5.21E-10	3.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	5.43E-02	2.13E+01	0.00E+00	2.35E-09	7.86E-08	1.27E-02	3.85E-05	2.85E-02	0.00E+00	2.13E+01	6.08E-08	2.13E+01	2.13E+01	2.85E-02	0.00E+00	0.00E+00	0.00E+00	5.88E-03
M-RWS3522	1.01E-02	1.59E+00	0.00E+00	1.59E+00	0.00E+00	0.00E+00	1.04E+00	5.98E-07	4.73E-03	5.17E-02	0.00E+00	0.00E+00	2.78E-11	5.39E-10	3.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	5.59E-02	2.21E+01	0.00E+00	2.43E-09	8.15E-08	1.31E-02	3.98E-05	2.96E-02	0.00E+00	2.21E+01	6.27E-08	2.21E+01	2.21E+01	2.96E-02	0.00E+00	0.00E+00	0.00

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M-SW8020	2.23E-02	3.52E+00	0.00E+00	3.52E+00	0.00E+00	0.00E+00	2.31E+00	1.32E-06	1.05E-02	1.15E-01	0.00E+00	0.00E+00	6.19E-11	1.20E-09	8.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	1.24E-01	4.92E+01	0.00E+00	5.40E-09	1.82E-07	2.90E-02	8.81E-05	6.56E-02	0.00E+00	4.92E+01	1.39E-07	4.92E+01	4.92E+01	6.56E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-02
M-SW8020L	2.29E-02	3.43E+00	0.00E+00	3.43E+00	0.00E+00	0.00E+00	2.28E+00	1.27E-06	1.00E-02	1.15E-01	0.00E+00	0.00E+00	6.33E-11	1.22E-09	8.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	1.17E-01	4.73E+01	0.00E+00	5.55E-09	1.72E-07	2.76E-02	8.58E-05	6.41E-02	0.00E+00	4.73E+01	1.42E-07	4.73E+01	5.04E+01	6.41E-02	0.00E+00	0.00E+00	0.00E+00	1.27E-02
M-SW8022	2.32E-02	3.57E+00	0.00E+00	3.57E+00	0.00E+00	0.00E+00	2.35E+00	1.31E-06	1.03E-02	1.16E-01	0.00E+00	0.00E+00	6.50E-11	1.26E-09	9.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	1.22E-01	4.93E+01	0.00E+00	5.74E-09	1.78E-07	2.84E-02	8.80E-05	6.70E-02	0.00E+00	4.93E+01	1.47E-07	4.93E+01	5.20E+01	6.70E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-02
M-SW9018	2.25E-02	3.43E+00	0.00E+00	3.43E+00	0.00E+00	0.00E+00	2.28E+00	1.27E-06	1.00E-02	1.15E-01	0.00E+00	0.00E+00	6.30E-11	1.22E-09	8.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	1.17E-01	4.73E+01	0.00E+00	5.55E-09	1.72E-07	2.76E-02	8.55E-05	6.41E-02	0.00E+00	4.73E+01	1.42E-07	4.73E+01	5.04E+01	6.41E-02	0.00E+00	0.00E+00	0.00E+00	1.27E-02
M-SW9020	2.32E-02	3.57E+00	0.00E+00	3.57E+00	0.00E+00	0.00E+00	2.35E+00	1.31E-06	1.03E-02	1.16E-01	0.00E+00	0.00E+00	6.50E-11	1.26E-09	9.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	1.22E-01	4.93E+01	0.00E+00	5.74E-09	1.78E-07	2.84E-02	8.80E-05	6.70E-02	0.00E+00	4.93E+01	1.47E-07	4.93E+01	5.20E+01	6.70E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-02
M-SW9020L	2.32E-02	3.57E+00	0.00E+00	3.57E+00	0.00E+00	0.00E+00	2.35E+00	1.31E-06	1.03E-02	1.16E-01	0.00E+00	0.00E+00	6.50E-11	1.26E-09	9.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	1.22E-01	4.93E+01	0.00E+00	5.74E-09	1.78E-07	2.84E-02	8.80E-05	6.70E-02	0.00E+00	4.93E+01	1.47E-07	4.93E+01	5.20E+01	6.70E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-02
M-SWE10018	2.16E-02	3.35E+00	0.00E+00	3.35E+00	0.00E+00	0.00E+00	2.19E+00	1.22E-06	9.54E-03	1.11E-01	0.00E+00	0.00E+00	6.08E-11	1.19E-09	8.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	1.17E-01	4.59E+01	0.00E+00	5.41E-09	1.66E-07	2.66E-02	8.21E-05	6.25E-02	0.00E+00	4.59E+01	1.38E-07	4.59E+01	4.90E+01	6.25E-02	0.00E+00	0.00E+00	0.00E+00	1.23E-02
M-SWE10020	2.34E-02	3.58E+00	0.00E+00	3.58E+00	0.00E+00	0.00E+00	2.35E+00	1.31E-06	1.03E-02	1.16E-01	0.00E+00	0.00E+00	6.50E-11	1.26E-09	9.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04	1.23E-01	4.93E+01	0.00E+00	5.79E-09	1.78E-07	2.84E-02	8.86E-05	6.70E-02	0.00E+00	4.93E+01	1.47E-07	4.93E+01	5.22E+01	6.70E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-02
M-SWE10022	2.93E-02	4.69E+00	0.00E+00	4.69E+00	0.00E+00	0.00E+00	3.11E+00	1.73E-06	1.37E-02	1.56E-01	0.00E+00	0.00E+00	8.45E-11	1.64E-09	1.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-04	1.65E-01	6.64E+01	0.00E+00	7.49E-09	2.38E-07	3.79E-02	1.19E-04	8.70E-02	0.00E+00	6.64E+01	1.91E-07	6.64E+01	6.84E+01	8.70E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-02
M-SWE3018	6.12E-03	9.67E-01	0.00E+00	9.67E-01	0.00E+00	0.00E+00	6.36E-01	3.64E-07	2.88E-03	3.16E-02	0.00E+00	0.00E+00	1.70E-11	3.30E-10	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-05	3.41E-02	1.35E+01	0.00E+00	1.49E-09	5.00E-08	7.97E-03	2.42E-05	1.81E-02	0.00E+00	1.35E+01	3.82E-08	1.35E+01	1.35E+01	1.81E-02	0.00E+00	0.00E+00	0.00E+00	3.68E-03
M-SWE3020	6.71E-03	1.06E+00	0.00E+00	1.06E+00	0.00E+00	0.00E+00	6.97E-01	4.00E-07	3.17E-03	3.47E-02	0.00E+00	0.00E+00	1.88E-11	3.63E-10	2.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-05	3.74E-02	1.49E+01	0.00E+00	1.64E-09	5.48E-08	8.78E-03	2.67E-05	1.98E-02	0.00E+00	1.49E+01	4.20E-08	1.49E+01	1.49E+01	1.98E-02	0.00E+00	0.00E+00	0.00E+00	4.04E-03
M-SWE3022	7.37E-03	1.16E+00	0.00E+00	1.16E+00	0.00E+00	0.00E+00	7.63E-01	4.37E-07	3.46E-03	3.80E-02	0.00E+00	0.00E+00	2.05E-11	3.95E-10	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	4.09E-02	1.63E+01	0.00E+00	1.79E-09	6.00E-08	9.56E-03	2.90E-05	2.18E-02	0.00E+00	1.63E+01	4.58E-08	1.63E+01	1.63E+01	2.18E-02	0.00E+00	0.00E+00	0.00E+00	4.41E-03
M-SWE4018	8.09E-03	1.28E+00	0.00E+00	1.28E+00	0.00E+00	0.00E+00	8.36E-01	4.78E-07	3.79E-03	4.17E-02	0.00E+00	0.00E+00	2.25E-11	4.34E-10	3.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	4.50E-02	1.77E+01	0.00E+00	1.96E-09	6.54E-08	1.05E-02	3.20E-05	2.38E-02	0.00E+00	1.77E+01	5.02E-08	1.77E+01	1.79E+01	2.38E-02	0.00E+00	0.00E+00	0.00E+00	4.86E-03
M-SWE4020	9.51E-03	1.50E+00	0.00E+00	1.50E+00	0.00E+00	0.00E+00	1.05E+00	5.67E-07	4.46E-03	5.06E-02	0.00E+00	0.00E+00	2.80E-11	5.41E-10	4.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	5.01E-02	2.10E+01	0.00E+00	2.49E-09	7.28E-08	1.21E-02	3.67E-05	2.87E-02	0.00E+00	2.10E+01	6.12E-08	2.10E+01	2.18E+01	2.87E-02	0.00E+00	0.00E+00	0.00E+00	5.42E-03
M-SWE4022	1.06E-02	1.71E+00	0.00E+00	1.71E+00	0.00E+00	0.00E+00	1.14E+00	6.41E-07	5.09E-03	5.84E-02	0.00E+00	0.00E+00	3.22E-11	6.26E-10	4.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	5.59E-02	2.38E+01	0.00E+00	2.81E-09	8.06E-08	1.34E-02	4.18E-05	3.16E-02	0.00E+00	2.38E+01	6.96E-08	2.38E+01	2.52E+01	3.16E-02	0.00E+00	0.00E+00	0.00E+00	6.02E-03
M-SWE5018	1.06E-02	1.65E+00	0.00E+00	1.65E+00	0.00E+00	0.00E+00	1.14E+00	6.21E-07	4.94E-03	5.61E-02	0.00E+00	0.00E+00	3.09E-11	5.92E-10	4.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	5.59E-02	2.31E+01	0.00E+00	2.74E-09	8.06E-08	1.34E-02	4.05E-05	3.16E-02	0.00E+00	2.31E+01	6.76E-08	2.31E+01	2.39E+01	3.16E-02	0.00E+00	0.00E+00	0.00E+00	6.02E-03
M-SWE5020	1.20E-02	1.94E+00	0.00E+00	1.94E+00	0.00E+00	0.00E+00	1.28E+00	7.30E-07	5.76E-03	6.56E-02	0.00E+00	0.00E+00	3.63E-11	7.03E-10	4.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	6.38E-02	2.71E+01	0.00E+00	3.16E-09	9.27E-08	1.53E-02	4.76E-05	3.60E-02	0.00E+00	2.71E+01	7.79E-08	2.71E+01	2.85E+01	3.60E-02	0.00E+00	0.00E+00	0.00E+00	6.94E-03
M-SWE5022	1.26E-02	2.01E+00	0.00E+00	2.01E+00	0.00E+00	0.00E+00	1.41E+00	7.58E-07	6.00E-03	6.92E-02	0.00E+00	0.00E+00	3.85E-11	7.47E-10	5.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	6.67E-02	2.90E+01	0.00E+00	3.37E-09	1.03E-07	1.60E-02	5.15E-05	3.84E-02	0.00E+00	2.90E+01	8.27E-08	2.90E+01	3.02E+01	3.84E-02	0.00E+00	0.00E+00	0.00E+00	7.28E-03
M-SWE6018	1.26E-02	2.01E+00	0.00E+00	2.01E+00	0.00E+00	0.00E+00	1.41E+00	7.58E-07	6.00E-03	6.92E-02	0.00E+00	0.00E+00	3.85E-11	7.47E-10	5.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	6.67E-02	2.89E+01	0.00E+00	3.37E-09	1.03E-07	1.60E-02	5.14E-05	3.84E-02	0.00E+00	2.89E+01	8.27E-08	2.89E+01	3.02E+01	3.84E-02	0.00E+00	0.00E+00	0.00E+00	7.28E-03
M-SWE6020	1.38E-02	2.19E+00	0.00E+00	2.19E+00	0.00E+00	0.00E+00	1.51E+00	8.15E-07	6.52E-03	7.40E-02	0.00E+00	0.00E+00	4.13E-11	8.10E-10	5.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	7.24E-02	3.12E+01	0.00E+00	3.62E-09	1.10E-07	1.74E-02	5.56E-05	4.14E-02	0.00E+00	3.12E+01	8.97E-08	3.12E+01	3.25E+01	4.14E-02	0.00E+00	0.00E+00	0.00E+00	7.77E-03
M-SWE6022	1.68E-02	2.53E+00	0.00E+00	2.53E+00	0.00E+00	0.00E+00	1.74E+00	9.24E-07	7.41E-03	8.54E-02	0.00E+00	0.00E+00	4.66E-11	9.04E-10	6.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	8.70E-02	3.53E+01	0.00E+00	4.18E-09	1.28E-07	1.99E-02	6.23E-05	4.73E-02	0.00E+00	3.53E+01	1.04E-07	3.53E+01	3.73E+01	4.73E-02	0.00E+00	0.00E+00	0.00E+00	9.35E-03
M-SWE8018	1.89E-02	2.88E+00	0.00E+00	2.88E+00	0.00E+00	0.00E+00	1.93E+00	1.06E-06	8.40E-03	9.62E-02	0.00E+00	0.00E+00	5.30E-11	1.04E-09	7.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	9.92E-02	3.99E+01	0.00E+00	4.74E-09	1.44E-07	2.30E-02	7.05E-05	5.37E-02	0.00E+00	3.99E+01	1.20E-07	3.99E+01	4.26E+01	5.37E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-02
M-SWE8020	2.14E-02	3.26E+00	0.00E+00	3.26E+00	0.00E+00	0.00E+00	2.15E+00	1.22E-06	9.46E-03	1.09E-01	0.00E+00	0.00E+00	6.03E-11	1.17E-09	8.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	1.13E-01	4.51E+01	0.00E+00	5.35E-09	1.64E-07	2.65E-02	8.10E-05	6.14E-02	0.00E+00	4.51E+01	1.37E-07	4.51E+01	4.86E+01	6.14E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-02
M-SWE8022	2.16E-02	3.35E+00	0.00E+00	3.35E+00	0.00E+00	0.00E+00	2.19E+00	1.22E-06	9.54E-03	1.11E-01	0.00E+00	0.00E+00	6.08E-11	1.19E-09	8.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	1.17E-01	4.59E+01	0.00E+00	5.41E-09	1.66E-07	2.66E-02	8.21E-05	6.25E-02	0.00E+00	4.59E+01	1.38E-07	4.59E+01	4.90E+01	6.25E-02	0.00E+00	0.00E+00	0.00E+00	1.23E-02
M-SWE9018	2.14E-02	3.29E+00	0.00E+00	3.29E+00	0.00E+00	0.00E+00	2.15E+00	1.22E-06	9.46E-03	1.09E-01	0.00E+00	0.00E+00	6.03E-11	1.17E-09	8.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	1.13E-01	4.51E+01	0.00E+00	5.35E-09	1.64E-07	2.65E-02	8.10E-05	6.14E-02	0.00E+00	4.51E+01	1.37E-07	4.51E+01	4.86E+01	6.14E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-02
M-SWE9020	2.16E-02	3.35E+00	0.00E+00	3.35E+00	0.00E+00	0.00E+00	2.19E+00	1.22E-06	9.54E-03	1.11E-01	0.00E+00	0.00E+00	6.08E-11	1.19E-09	8.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	1.17E-01	4.59E+01	0.00E+00	5.46E-09	1.66E-07	2.66E-02	8.21E-05	6.25E-02	0.00E+00	4.59E+01	1.38E-07	4.59E+01	4.90E+01	6.25E-02	0.00E+00	0.00E+00	0.00E+00	1.23E-02
M-SWE9022	2.32E-02	3.58E+00	0.00E+00	3.58E+00	0.00E+00	0.00E+00	2.35E+00	1.31E-06	1.03E-02	1.19E-01	0.00E+00	0.00E+00	6.49E-11	1.26E-09	9.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	1.23E-01	4.93E+01	0.00E+00	5.78E-09	1.78E-07	2.84E-02	8.84E-05	6.70E-02	0.00E+00	4.93E+01	1.47E-07	4.93E+01	5.21E+01	6.70E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-02
M-SWEG10018	2.16E-02	3.35E+00	0.00E+00	3.35E+00	0.00E+00	0.00E+00	2.19E+00	1.22E-06	9.54E-03	1.11E-01	0.00E+00	0.00E+00	6.08E-11	1.19E-09	8.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	1.17E-01	4.59E+01	0.00E+00	5.41E-09	1.66E-07	2.66E-02	8.21E-05	6.25E-02	0.00E+00	4.59E+01	1.38E-07	4.59E+01	4.90E+01	6.25E-02	0.00E+00	0.00E+00	0.00E+00	1.23E-02
M-SWEG10020	2.34E-02	3.58E+00	0.00E+00	3.58E+00	0.00E+00	0.00E+00	2.35E+00	1.31E-06	1.03E-02	1.16E-01	0.00E+00	0.00E+00	6.50E-11	1.26E-09	9.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04	1.23E-01	4.93E+01	0.00E+00	5.79E-09	1.78E-07	2.84E-02	8.86E-05	6.71E-02	0.00E+00	4.93E+01	1.47E-07	4.93E+01	5.22E+01	6.71E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-02
M-SWEG10022	2.93E-02	4.69E+00	0.00E+00	4.69E+00	0.00E+00	0.00E+00	3.11E+00	1.73E-06	1.37E-02	1.56E-01	0.00E+00	0.00E+00	8.45E-11	1.64E-09	1.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-04	1.65E-01	6.64E+01	0.00E+00	7.49E-09	2.38E-07	3.79E-02	1.19E-04	8.71E-02	0.00E+00	6.64E+01	1.91E-07	6.64E+01	6.84E+01	8.71E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-02
M-SWEG3018	6.12E-03	9.67E-01	0.00E+00	9.67E-01	0.00E+00	0.00E+00	6.36E-01	3.64E-07	2.88E-03	3.16E-02	0.00E+00	0.00E+00	1.70E-11	3.30E-10	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-05	3.41E-02	1.35E+01	0.00E+00	1.49E-09	5.00E-08	7.97E-03	2.42E-05	1.81E-02	0.00E+00	1.35E+01	3.82E-08	1.35E+01	1.35E+01	1.81E-02	0.00E+00	0.00E+00	0.00E+00	3.68E-03
M-SWEG3020	6.71E-03	1.06E+00	0.00E+00	1.06E+00	0.00E+00	0.00E+00	6.97E-01	4.00E-07	3.17E-03	3.47E-02	0.00E+00	0.00E+00	1.88E-11	3.63E-10	2.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-05	3.74E-02	1.49E+01	0.00E+00	1.64E-09	5.48E-08	8.78E-03	2.67E-05	1.98E-02	0.00E+00	1.49E+01	4.20E-08	1.49E+01	1.49E+01	1.98E-02	0.00E+00	0.00E+00	0.00E+00	4.04E-03
M-SWEG3022	7.37E-03	1.16E+00	0.00E+00	1.16E+00	0.00E+00	0.00E+00	7.63E-01	4.37E-07	3.46E-03	3.80E-02	0.00E+00	0.00E+00	2.05E-11	3.95E-10	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	4.09E-02	1.63E+01	0.00E+00	1.79E-09	6.00E-08	9.56E-03	2.90E-05	2.18E-02	0.00E+00	1.63E+01	4.58E-08	1.63E+01	1.63E+01	2.18E-02	0.00E+00	0.00E+00	0.00E+00	4.41E-03
M-SWEG4018	8.09E-03	1.28E+00	0.00E+00	1.28E+00	0.00E+00	0.00E+00	8.36E-01	4.78E-07	3.79E-03	4.17E-02	0.00E+00	0.00E+00	2.25E-11	4.34E-10	3.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	4.50E-02	1.77E+01	0.00E+00	1.96E-09	6.54E-08	1.05E-02	3.20E-05	2.38E-02	0.00E+00	1.77E+01	5.02E-08	1.77E+01	1.79E+01	2.38E-02	0.00E+00	0.00E+00	0.00E+00	4.86E-03
M-SWEG4020	9.51E-03	1.50E+00	0.00E+00	1.50E+00	0.00E+00	0.00E+00	1.05E+00	5.67E-07	4.46E-03	5.06E-02	0.00E+00	0.00E+00	2.81E-11	5.43E-10	4.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	5.01E-02	2.10E+01	0.00E+00	2.49E-09	7.28E-08	1.21E-02	3.67E-05	2.87E-02	0.00E+00	2.10E+01	6.12E-08	2.10E+01	2.18E+01	2.87E-02	0.00E+00	0.00E+00	0.00E+00	5.42E-03
M-SWEG4022	1.06E-02	1.71E+00	0.00E+00	1.71E+00	0.00E+00	0.00E+00	1.14E+00	6.41E-07	5.09E-03	5.84E-02	0.00E+00	0.00E+00	3.22E-11	6.27E-10	4.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	5.59E-02	2.38E+01	0.00E+00	2.81E-09	8.06E-08	1.34E-02	4.18E-05	3.16E-02	0.00E+00	2.38E+01	6.96E-08	2.38E+01	2.52E+01	3.16E-02	0.00E+00	0.00E+00	0.00E+00	6.02E-03
M-SWEG5018	1.06E-02	1.65E+00	0.00E+00	1.65E+00	0.00E+00	0.00E+00	1.14E+00	6.21E-07	4.94E-03	5.61E-02	0.00E+00	0.00E+00	3.07E-11	5.94E-10	4.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	5.59E-02	2.31E+01	0.00E+00	2.74E-09	8.06E-08	1.34E-02	4.05E-05	3.16E-02	0.00E+00	2.31E+01	6.76E-08	2.31E+01	2.39E+01	3.16E-02	0.00E+00	0.00E+00	0.00E+00	6.02E-03
M-SWEG5020	1.21E-02	1.96E+00	0.00E+00	1.96E+00	0.00E+00	0.00E+00	1.30E+00	7.37E-07	5.81E-03	6.65E-02	0.00E+00	0.00E+00	3.68E-11	7.14E-10	4.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	6.51E-02	2.74E+01	0.00E+00	3.21E-09	9.38E-08	1.55E-02	4.82E-05	3.64E-02	0.00E+00	2.74E+01	7.91E-08	2.74E+01	2.89E+01	3.64E-02	0.00E+00	0.00E+00	0.00E+00	7.02E-03
M-SWEG5022	1.27E-02	2.04E+00	0.00E+00	2.04E+00	0.00E+00	0.00E+00	1.43E+00	7.67E-07	6.06E-03	7.02E-02	0.00E+00	0.00E+00	3.90E-11	7.59E-10	5.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	6.81E-02	2.93E+01	0.00E+00	3.41E-09	1.04E-07	1.62E-02	5.21E-05	3.88E-02	0.00E+00	2.93E+01	8.39E-08	2.93E+01	3.06E+01	3.88E-02	0.00E+00	0.00E+00	0.00E+00	7.36E-03
M-SWEG6018	1.27E-02	2.04E+00	0.00E+00	2.04E+00	0.00E+00	0.00E+00	1.43E+00	7.67E-07	6.06E-03	7.02E-02	0.00E+00	0.00E+00	3.90E-11	7.59E-10	5.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	6.81E-02	2.93E+01	0.00E+00	3.41E-09	1.04E-07	1.61E-02	5.20E-05	3.88E-02	0.00E+00	2.93E+01	8.39E-08	2.93E+01	3.06E+01	3.88E-02	0.00E+00	0.00E+00	0.00E+00	7.36E-03
M-SWEG6020	1.38E-02	2.21E+00	0.00E+00	2.21E+00	0.00E+00	0.00E+00	1.52E+00	8.22E-07	6.56E-03	7.49E-02	0.00E+00	0.00E+00	4.17E-11	8.20E-10	5.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	7.35E-02	3.15E+01	0.00E+00	3.66E-09	1.11E-07	1.75E-02	5.61E-05	4.18E-02	0.00E+00	3.15E+01	9.07E-08	3.15E+01	3.28E+01	4.18E-02	0.00E+00	0.00E+00	0.00E+00	7.84E-03
M-SWEG6022	1.68E-02	2.54E+00	0.00E+00	2.54E+00	0.00E+00	0.00E+00	1.74E+00	9.25E-07	7.42E-03	8.57E-02	0.00E+00	0.00E+00	4.68E-11	9.09E-10	6.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	8.75E-02	3.54E+01	0.00E+00	4.20E-09	1.28E-07	2.00E-02	6.26E-05	4.75E-02	0.00E+00	3.54E+01	1.05E-07	3.54E+01	3.75E+01	4.75E-02	0.00E+00	0.00E+00	0.00E+00	9.38E-03
M-SWEG8018	1.89E-02	2.88E+00	0.00E+00	2.88E+00	0.00E+00	0.00E+00	1.93E+00	1.06E-06	8.40E-03	9.63E-02	0.00E+00	0.00E+00	5.30E-11	1.04E-09	7.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	9.93E-02	3.97E+01	0.00E+00	4.75E-09	1.44E-07	2.31E-02	7.06E-05	5.38E-02	0.00E+00	3.97E+01	1.21E-07	3.97E+01	4.27E+01	5.38E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-02
M-SWEG8020	2.14E-02	3.26E+00	0.00E+00	3.26E+00	0.00E+00	0.00E+00	2.15E+00	1.22E-06	9.46E-03	1.09E-01	0.00E+00	0.00E+00	6.03E-11	1.18E-09	8.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	1.13E-01	4.51E+01	0.00E+00	5.35E-09	1.64E-07	2.65E-02	8.10E-05	6.15E-02	0.00E+00	4.51E+01	1.37E-07	4.51E+01	4.86E+01	6.15E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-02
M-SWEG8022	2.16E-02	3.35E+00	0.00E+00	3.35E+00	0.00E+00	0.00E+00	2.16E+00	1.22E-06	9.54E-03	1.11E-01	0.00E+00	0.00E+00	6.08E-11	1.19E-09	8.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	1.17E-01	4.59E+01	0.00E+00	5.41E-09	1.66E-07	2.66E-02	8.21E-05	6.25E-02	0.00E+00	4.59E+01	1.38E-07	4.59E+01	4.90E+01	6.25E-02	0.00E+00	0.00

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M-TSEG9022	3.36E-02	5.46E+00	0.00E+00	5.46E+00	0.00E+00	0.00E+00	3.57E+00	1.87E-06	1.46E-02	1.78E-01	0.00E+00	0.00E+00	8.92E-11	1.73E-09	1.24E-02	0.00E+00	0.00E+00	0.00E+00	4.91E-04	1.88E-01	7.22E+01	0.00E+00	7.67E-09	2.98E-07	4.37E-02	1.32E-04	9.61E-02	0.00E+00	7.22E+01	2.12E-07	7.22E+01	7.20E+01	9.61E-02	0.00E+00	0.00E+00	0.00E+00	1.87E-02
M-TSEV8018	2.47E-02	4.23E+00	0.00E+00	4.23E+00	0.00E+00	0.00E+00	2.79E+00	1.40E-06	1.06E-02	1.40E-01	0.00E+00	0.00E+00	6.73E-11	1.31E-09	9.36E-03	0.00E+00	0.00E+00	0.00E+00	3.90E-04	1.43E-01	5.54E+01	0.00E+00	5.86E-09	2.31E-07	3.28E-02	1.02E-04	7.22E-02	0.00E+00	5.54E+01	1.65E-07	5.54E+01	5.55E+01	7.22E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-02
M-TSEV8020	2.62E-02	4.43E+00	0.00E+00	4.43E+00	0.00E+00	0.00E+00	2.91E+00	1.47E-06	1.15E-02	1.45E-01	0.00E+00	0.00E+00	7.15E-11	1.36E-09	9.70E-03	0.00E+00	0.00E+00	0.00E+00	4.06E-04	1.51E-01	5.77E+01	0.00E+00	6.12E-09	2.40E-07	3.41E-02	1.07E-04	7.60E-02	0.00E+00	5.77E+01	1.71E-07	5.77E+01	5.77E+01	7.60E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-02
M-TSEV8022	3.05E-02	5.05E+00	0.00E+00	5.05E+00	0.00E+00	0.00E+00	3.34E+00	1.74E-06	1.36E-02	1.67E-01	0.00E+00	0.00E+00	8.27E-11	1.60E-09	1.15E-02	0.00E+00	0.00E+00	0.00E+00	4.85E-04	1.75E-01	6.74E+01	0.00E+00	7.17E-09	2.80E-07	4.02E-02	1.24E-04	8.87E-02	0.00E+00	6.74E+01	1.97E-07	6.74E+01	6.76E+01	8.87E-02	0.00E+00	0.00E+00	0.00E+00	1.73E-02
M-TSEV9018	2.85E-02	4.86E+00	0.00E+00	4.86E+00	0.00E+00	0.00E+00	3.17E+00	1.68E-06	1.31E-02	1.59E-01	0.00E+00	0.00E+00	7.95E-11	1.53E-09	1.11E-02	0.00E+00	0.00E+00	0.00E+00	4.42E-04	1.66E-01	6.46E+01	0.00E+00	6.84E-09	2.63E-07	3.81E-02	1.19E-04	8.54E-02	0.00E+00	6.46E+01	1.89E-07	6.46E+01	6.46E+01	8.54E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-02
M-TSEV9020	3.10E-02	5.09E+00	0.00E+00	5.09E+00	0.00E+00	0.00E+00	3.38E+00	1.74E-06	1.37E-02	1.68E-01	0.00E+00	0.00E+00	8.43E-11	1.60E-09	1.15E-02	0.00E+00	0.00E+00	0.00E+00	4.73E-04	1.76E-01	6.76E+01	0.00E+00	7.17E-09	2.83E-07	4.04E-02	1.26E-04	8.90E-02	0.00E+00	6.76E+01	1.98E-07	6.76E+01	6.80E+01	8.90E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-02
M-TSEV9022	3.29E-02	5.37E+00	0.00E+00	5.37E+00	0.00E+00	0.00E+00	3.52E+00	1.84E-06	1.44E-02	1.76E-01	0.00E+00	0.00E+00	8.77E-11	1.69E-09	1.23E-02	0.00E+00	0.00E+00	0.00E+00	4.86E-04	1.85E-01	7.12E+01	0.00E+00	7.56E-09	2.93E-07	4.32E-02	1.30E-04	9.48E-02	0.00E+00	7.12E+01	2.09E-07	7.12E+01	7.08E+01	9.48E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-02
M-TSEVG8018	2.56E-02	4.39E+00	0.00E+00	4.39E+00	0.00E+00	0.00E+00	2.87E+00	1.46E-06	1.13E-02	1.45E-01	0.00E+00	0.00E+00	7.04E-11	1.36E-09	9.68E-03	0.00E+00	0.00E+00	0.00E+00	4.03E-04	1.48E-01	5.74E+01	0.00E+00	6.11E-09	2.38E-07	3.40E-02	1.06E-04	7.57E-02	0.00E+00	5.74E+01	1.71E-07	5.74E+01	5.73E+01	7.57E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-02
M-TSEVG8020	3.08E-02	4.97E+00	0.00E+00	4.97E+00	0.00E+00	0.00E+00	3.30E+00	1.69E-06	1.32E-02	1.61E-01	0.00E+00	0.00E+00	8.07E-11	1.55E-09	1.12E-02	0.00E+00	0.00E+00	0.00E+00	4.55E-04	1.70E-01	6.59E+01	0.00E+00	6.93E-09	2.74E-07	3.88E-02	1.20E-04	8.61E-02	0.00E+00	6.59E+01	1.92E-07	6.59E+01	6.56E+01	8.61E-02	0.00E+00	0.00E+00	0.00E+00	1.71E-02
M-TSEVG8022	3.16E-02	5.16E+00	0.00E+00	5.16E+00	0.00E+00	0.00E+00	3.36E+00	1.75E-06	1.37E-02	1.69E-01	0.00E+00	0.00E+00	8.36E-11	1.62E-09	1.17E-02	0.00E+00	0.00E+00	0.00E+00	4.67E-04	1.75E-01	6.80E+01	0.00E+00	7.22E-09	2.81E-07	4.06E-02	1.25E-04	8.97E-02	0.00E+00	6.80E+01	2.00E-07	6.80E+01	6.77E+01	8.97E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-02
M-TSEVG9018	2.96E-02	4.90E+00	0.00E+00	4.90E+00	0.00E+00	0.00E+00	3.19E+00	1.69E-06	1.32E-02	1.61E-01	0.00E+00	0.00E+00	8.01E-11	1.54E-09	1.12E-02	0.00E+00	0.00E+00	0.00E+00	4.49E-04	1.68E-01	6.50E+01	0.00E+00	6.92E-09	2.65E-07	3.86E-02	1.19E-04	8.61E-02	0.00E+00	6.50E+01	1.91E-07	6.50E+01	6.57E+01	8.61E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-02
M-TSEVG9020	3.26E-02	5.25E+00	0.00E+00	5.25E+00	0.00E+00	0.00E+00	3.47E+00	1.79E-06	1.41E-02	1.71E-01	0.00E+00	0.00E+00	8.62E-11	1.64E-09	1.20E-02	0.00E+00	0.00E+00	0.00E+00	4.81E-04	1.82E-01	6.95E+01	0.00E+00	7.38E-09	2.88E-07	4.19E-02	1.28E-04	9.20E-02	0.00E+00	6.95E+01	2.05E-07	6.95E+01	6.95E+01	9.20E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-02
M-TSEVG9022	3.36E-02	5.46E+00	0.00E+00	5.46E+00	0.00E+00	0.00E+00	3.57E+00	1.87E-06	1.46E-02	1.78E-01	0.00E+00	0.00E+00	8.92E-11	1.73E-09	1.24E-02	0.00E+00	0.00E+00	0.00E+00	4.91E-04	1.88E-01	7.22E+01	0.00E+00	7.67E-09	2.98E-07	4.37E-02	1.32E-04	9.61E-02	0.00E+00	7.22E+01	2.12E-07	7.22E+01	7.20E+01	9.61E-02	0.00E+00	0.00E+00	0.00E+00	1.87E-02
M-TSEVG6018	1.23E-02	1.95E+00	0.00E+00	1.95E+00	0.00E+00	0.00E+00	1.28E+00	7.31E-07	5.78E-03	6.37E-02	0.00E+00	0.00E+00	3.42E-11	6.60E-10	4.76E-03	0.00E+00	0.00E+00	0.00E+00	1.72E-04	6.89E-02	2.71E+01	0.00E+00	2.98E-09	1.01E-07	1.60E-02	4.89E-05	3.63E-02	0.00E+00	2.71E+01	7.63E-08	2.71E+01	2.73E+01	3.63E-02	0.00E+00	0.00E+00	0.00E+00	7.39E-03
M-TSK6020	1.56E-02	2.24E+00	0.00E+00	2.24E+00	0.00E+00	0.00E+00	1.51E+00	8.69E-07	7.02E-03	7.76E-02	0.00E+00	0.00E+00	3.99E-11	8.10E-10	6.10E-03	0.00E+00	0.00E+00	0.00E+00	2.14E-04	7.35E-02	3.11E+01	0.00E+00	3.54E-09	1.25E-07	1.79E-02	6.71E-05	4.57E-02	0.00E+00	3.11E+01	9.53E-08	3.11E+01	3.26E+01	4.57E-02	0.00E+00	0.00E+00	0.00E+00	8.56E-03
M-TSK6022	1.48E-02	2.28E+00	0.00E+00	2.28E+00	0.00E+00	0.00E+00	1.51E+00	8.61E-07	6.81E-03	7.50E-02	0.00E+00	0.00E+00	4.03E-11	7.79E-10	5.62E-03	0.00E+00	0.00E+00	0.00E+00	2.03E-04	8.15E-02	3.22E+01	0.00E+00	3.52E-09	1.19E-07	1.86E-02	5.72E-05	4.27E-02	0.00E+00	3.22E+01	9.04E-08	3.22E+01	3.21E+01	4.27E-02	0.00E+00	0.00E+00	0.00E+00	8.82E-03
M-TSK8018	2.14E-02	3.23E+00	0.00E+00	3.23E+00	0.00E+00	0.00E+00	2.15E+00	1.24E-06	9.94E-03	1.09E-01	0.00E+00	0.00E+00	5.64E-11	1.14E-09	8.52E-03	0.00E+00	0.00E+00	0.00E+00	3.00E-04	1.07E-01	4.52E+01	0.00E+00	5.07E-09	1.75E-07	2.61E-02	9.04E-05	6.40E-02	0.00E+00	4.52E+01	1.35E-07	4.52E+01	4.65E+01	6.40E-02	0.00E+00	0.00E+00	0.00E+00	1.24E-02
M-TSK8020	2.95E-02	4.60E+00	0.00E+00	4.60E+00	0.00E+00	0.00E+00	3.02E+00	1.73E-06	1.39E-02	1.52E-01	0.00E+00	0.00E+00	7.94E-11	1.60E-09	1.19E-02	0.00E+00	0.00E+00	0.00E+00	4.13E-04	1.56E-01	6.39E+01	0.00E+00	7.14E-09	2.40E-07	3.72E-02	1.23E-04	8.85E-02	0.00E+00	6.39E+01	1.88E-07	6.39E+01	6.54E+01	8.85E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-02
M-TSK8022	2.40E-02	3.71E+00	0.00E+00	3.71E+00	0.00E+00	0.00E+00	2.46E+00	1.41E-06	1.13E-02	1.24E-01	0.00E+00	0.00E+00	6.39E-11	1.30E-09	9.61E-03	0.00E+00	0.00E+00	0.00E+00	3.38E-04	1.24E-01	5.11E+01	0.00E+00	5.73E-09	1.97E-07	2.99E-02	1.02E-04	7.22E-02	0.00E+00	5.11E+01	1.53E-07	5.11E+01	5.27E+01	7.22E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-02
M-TSK9018	2.35E-02	3.61E+00	0.00E+00	3.61E+00	0.00E+00	0.00E+00	2.40E+00	1.37E-06	1.10E-02	1.21E-01	0.00E+00	0.00E+00	6.26E-11	1.27E-09	9.38E-03	0.00E+00	0.00E+00	0.00E+00	3.32E-04	1.21E-01	5.00E+01	0.00E+00	5.61E-09	1.92E-07	2.91E-02	9.99E-05	7.07E-02	0.00E+00	5.00E+01	1.49E-07	5.00E+01	5.15E+01	7.07E-02	0.00E+00	0.00E+00	0.00E+00	1.36E-02
M-TSK9020	2.43E-02	3.73E+00	0.00E+00	3.73E+00	0.00E+00	0.00E+00	2.47E+00	1.42E-06	1.14E-02	1.25E-01	0.00E+00	0.00E+00	6.47E-11	1.31E-09	9.88E-03	0.00E+00	0.00E+00	0.00E+00	3.42E-04	1.24E-01	5.17E+01	0.00E+00	5.77E-09	2.00E-07	3.00E-02	1.02E-04	7.32E-02	0.00E+00	5.17E+01	1.56E-07	5.17E+01	5.38E+01	7.32E-02	0.00E+00	0.00E+00	0.00E+00	1.41E-02
M-TSK9022	2.77E-02	4.25E+00	0.00E+00	4.25E+00	0.00E+00	0.00E+00	2.81E+00	1.64E-06	1.29E-02	1.42E-01	0.00E+00	0.00E+00	7.44E-11	1.48E-09	1.11E-02	0.00E+00	0.00E+00	0.00E+00	3.90E-04	1.44E-01	5.88E+01	0.00E+00	6.59E-09	2.27E-07	3.42E-02	1.15E-04	8.29E-02	0.00E+00	5.88E+01	1.77E-07	5.88E+01	6.05E+01	8.29E-02	0.00E+00	0.00E+00	0.00E+00	1.62E-02
M-TSKM10018	1.89E-02	2.97E+00	0.00E+00	2.97E+00	0.00E+00	0.00E+00	1.94E+00	1.10E-06	8.73E-03	9.60E-02	0.00E+00	0.00E+00	5.15E-11	9.90E-10	7.20E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04	1.02E-01	4.14E+01	0.00E+00	4.50E-09	1.52E-07	2.44E-02	7.32E-05	5.44E-02	0.00E+00	4.14E+01	1.16E-07	4.14E+01	4.14E+01	5.44E-02	0.00E+00	0.00E+00	0.00E+00	1.10E-02
M-TSKM10020	2.26E-02	3.47E+00	0.00E+00	3.47E+00	0.00E+00	0.00E+00	2.29E+00	1.32E-06	1.05E-02	1.16E-01	0.00E+00	0.00E+00	6.05E-11	1.21E-09	9.20E-03	0.00E+00	0.00E+00	0.00E+00	3.18E-04	1.16E-01	4.77E+01	0.00E+00	5.37E-09	1.87E-07	2.78E-02	9.59E-05	6.84E-02	0.00E+00	4.77E+01	1.45E-07	4.77E+01	4.94E+01	6.84E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-02
M-TSKM10022	2.04E-02	3.24E+00	0.00E+00	3.24E+00	0.00E+00	0.00E+00	2.11E+00	1.20E-06	9.55E-03	1.05E-01	0.00E+00	0.00E+00	5.64E-11	1.09E-09	7.85E-03	0.00E+00	0.00E+00	0.00E+00	2.83E-04	1.13E-01	4.49E+01	0.00E+00	4.92E-09	1.65E-07	2.66E-02	8.00E-05	5.97E-02	0.00E+00	4.49E+01	1.26E-07	4.49E+01	4.51E+01	5.97E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-02
M-TSKM11018	2.47E-02	3.76E+00	0.00E+00	3.76E+00	0.00E+00	0.00E+00	2.48E+00	1.44E-06	1.15E-02	1.25E-01	0.00E+00	0.00E+00	6.59E-11	1.31E-09	9.99E-03	0.00E+00	0.00E+00	0.00E+00	3.44E-04	1.27E-01	5.22E+01	0.00E+00	5.79E-09	2.01E-07	3.01E-02	1.03E-04	7.38E-02	0.00E+00	5.22E+01	1.58E-07	5.22E+01	5.41E+01	7.38E-02	0.00E+00	0.00E+00	0.00E+00	1.41E-02
M-TSKM11020	2.82E-02	4.32E+00	0.00E+00	4.32E+00	0.00E+00	0.00E+00	2.84E+00	1.69E-06	1.32E-02	1.45E-01	0.00E+00	0.00E+00	7.60E-11	1.54E-09	1.15E-02	0.00E+00	0.00E+00	0.00E+00	3.96E-04	1.44E-01	5.91E+01	0.00E+00	6.68E-09	2.27E-07	3.50E-02	1.19E-04	8.52E-02	0.00E+00	5.91E+01	1.81E-07	5.91E+01	6.16E+01	8.52E-02	0.00E+00	0.00E+00	0.00E+00	1.62E-02
M-TSKM11022	2.98E-02	4.62E+00	0.00E+00	4.62E+00	0.00E+00	0.00E+00	3.04E+00	1.78E-06	1.40E-02	1.54E-01	0.00E+00	0.00E+00	8.03E-11	1.60E-09	1.20E-02	0.00E+00	0.00E+00	0.00E+00	4.15E-04	1.56E-01	6.34E+01	0.00E+00	7.12E-09	2.43E-07	3.72E-02	1.26E-04	9.02E-02	0.00E+00	6.34E+01	1.91E-07	6.34E+01	6.54E+01	9.02E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-02
M-TSKM12018	2.79E-02	4.27E+00	0.00E+00	4.27E+00	0.00E+00	0.00E+00	2.81E+00	1.64E-06	1.31E-02	1.43E-01	0.00E+00	0.00E+00	7.50E-11	1.49E-09	1.12E-02	0.00E+00	0.00E+00	0.00E+00	3.91E-04	1.44E-01	5.91E+01	0.00E+00	6.61E-09	2.27E-07	3.44E-02	1.16E-04	8.36E-02	0.00E+00	5.91E+01	1.78E-07	5.91E+01	6.11E+01	8.36E-02	0.00E+00	0.00E+00	0.00E+00	1.62E-02
M-TSKM12020	2.91E-02	4.52E+00	0.00E+00	4.52E+00	0.00E+00	0.00E+00	2.95E+00	1.73E-06	1.37E-02	1.51E-01	0.00E+00	0.00E+00	7.92E-11	1.62E-09	1.19E-02	0.00E+00	0.00E+00	0.00E+00	4.08E-04	1.53E-01	6.12E+01	0.00E+00	6.91E-09	2.37E-07	3.66E-02	1.23E-04	8.82E-02	0.00E+00	6.12E+01	1.87E-07	6.12E+01	6.36E+01	8.82E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-02
M-TSKM12022	3.02E-02	4.71E+00	0.00E+00	4.71E+00	0.00E+00	0.00E+00	3.09E+00	1.81E-06	1.43E-02	1.57E-01	0.00E+00	0.00E+00	8.15E-11	1.62E-09	1.22E-02	0.00E+00	0.00E+00	0.00E+00	4.23E-04	1.59E-01	6.44E+01	0.00E+00	7.25E-09	2.48E-07	3.79E-02	1.28E-04	9.18E-02	0.00E+00	6.44E+01	1.94E-07	6.44E+01	6.65E+01	9.18E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-02
M-TSKM13018	2.80E-02	4.30E+00	0.00E+00	4.30E+00	0.00E+00	0.00E+00	2.82E+00	1.65E-06	1.31E-02	1.43E-01	0.00E+00	0.00E+00	7.53E-11	1.49E-09	1.12E-02	0.00E+00	0.00E+00	0.00E+00	3.91E-04	1.44E-01	5.91E+01	0.00E+00	6.61E-09	2.29E-07	3.45E-02	1.17E-04	8.37E-02	0.00E+00	5.91E+01	1.78E-07	5.91E+01	6.11E+01	8.37E-02	0.00E+00	0.00E+00	0.00E+00	1.62E-02
M-TSKM13020	2.99E-02	4.70E+00	0.00E+00	4.70E+00	0.00E+00	0.00E+00	3.07E+00	1.82E-06	1.42E-02	1.56E-01	0.00E+00	0.00E+00	8.14E-11	1.65E-09	1.23E-02	0.00E+00	0.00E+00	0.00E+00	4.24E-04	1.58E-01	6.33E+01	0.00E+00	7.18E-09	2.44E-07	3.82E-02	1.29E-04	9.19E-02	0.00E+00	6.33E+01	1.93E-07	6.33E+01	6.58E+01	9.19E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-02
M-TSKM13022	3.03E-02	4.76E+00	0.00E+00	4.76E+00	0.00E+00	0.00E+00	3.13E+00	1.81E-06	1.46E-02	1.58E-01	0.00E+00	0.00E+00	8.19E-11	1.64E-09	1.24E-02	0.00E+00	0.00E+00	0.00E+00	4.24E-04	1.60E-01	6.48E+01	0.00E+00	7.33E-09	2.50E-07	3.81E-02	1.29E-04	9.29E-02	0.00E+00	6.48E+01	1.97E-07	6.48E+01	6.73E+01	9.29E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-02
M-TSKM13518	2.89E-02	4.45E+00	0.00E+00	4.45E+00	0.00E+00	0.00E+00	2.92E+00	1.71E-06	1.35E-02	1.49E-01	0.00E+00	0.00E+00	7.89E-11	1.55E-09	1.16E-02	0.00E+00	0.00E+00	0.00E+00	4.04E-04	1.50E-01	6.12E+01	0.00E+00	6.84E-09	2.37E-07	3.57E-02	1.20E-04	8.67E-02	0.00E+00	6.12E+01	1.84E-07	6.12E+01	6.32E+01	8.67E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-02
M-TSKM13520	2.99E-02	4.70E+00	0.00E+00	4.70E+00	0.00E+00	0.00E+00	3.07E+00	1.82E-06	1.42E-02	1.56E-01	0.00E+00	0.00E+00	8.19E-11	1.67E-09	1.24E-02	0.00E+00	0.00E+00	0.00E+00	4.24E-04	1.56E-01	6.33E+01	0.00E+00	7.18E-09	2.44E-07	3.82E-02	1.29E-04	9.28E-02	0.00E+00	6.33E+01	1.96E-07	6.33E+01	6.58E+01	9.28E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-02
M-TSKM13522	3.03E-02	4.77E+00	0.00E+00	4.77E+00	0.00E+00	0.00E+00	3.14E+00	1.81E-06	1.46E-02	1.58E-01	0.00E+00	0.00E+00	8.19E-11	1.64E-09	1.24E-02	0.00E+00	0.00E+00	0.00E+00	4.24E-04	1.60E-01	6.48E+01	0.00E+00	7.33E-09	2.50E-07	3.81E-02	1.29E-04	9.31E-02	0.00E+00	6.48E+01	1.97E-07	6.48E+01	6.73E+01	9.31E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-02
M-TSKM14018	2.85E-02	4.45E+00	0.00E+00	4.45E+00	0.00E+00	0.00E+00	2.94E+00	1.72E-06	1.35E-02	1.49E-01	0.00E+00	0.00E+00	7.89E-11	1.55E-09	1.16E-02	0.00E+00	0.00E+00	0.00E+00	4.04E-04	1.50E-01	6.12E+01	0.00E+00	6.84E-09	2.37E-07	3.57E-02	1.22E-04	8.72E-02	0.00E+00	6.12E+01	1.84E-07	6.12E+01	6.32E+01	8.72E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-02
M-TSKM14020	3.03E-02	4.80E+00	0.00E+00	4.80E+00	0.00E+00	0.00E+00	3.13E+00	1.85E-06	1.45E-02	1.60E-01	0.00E+00	0.00E+00	8.29E-11	1.69E-09	1.27E-02	0.00E+00	0.00E+00	0.00E+00	4.29E-04	1.59E-01	6.43E+01	0.00E+00	7.37E-09	2.48E-07	3.88E-02	1.31E-04	9.43E-02	0.00E+00	6.43E+01	1.99E-07	6.43E+01	6.71E+01	9.43E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-02
M-TSKM14022	3.03E-02	4.77E+00	0.00E+00	4.77E+00	0.00E+00	0.00E+00	3.14E+00	1.81E-06	1.46E-02	1.58E-01	0.00E+00	0.00E+00	8.19E-11	1.64E-09	1.24E-02	0.00E+00	0.00E+00	0.00E+00	4.24E-04	1.60E-01	6.48E+01	0.00E+00	7.33E-09	2.50E-07	3.81E-02	1.29E-04	9.31E-02	0.00E+00	6.48E+01	1.97E-07	6.48E+01	6.73E+01	9.31E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-02
M-TSKM15018	2.98E-02	4.62E+00	0.00E+00	4.62E+00	0.00E+00	0.00E+00	3.04E+00	1.78E-06	1.40E-02	1.55E-01	0.00E+00	0.00E+00	8.05E-11	1.60E-09	1.21E-02	0.00E+00	0.00E+00	0.00E+00	4.17E-04	1.56E-01	6.34E+01	0.00E+00	7.13E-09	2.45E-07	3.73E-02	1.27E-04	9.04E-02	0.00E+00	6.34E+01	1.91E-07	6.34E+01	6.54E+01	9.04E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-02
M-TSKM15020	3.05E-02	4.85E+00	0.00E+00	4.85E+00	0.00E+00	0.00E+00	3.16E+00	1.85E-06	1.47E-02	1.61E-01	0.00E+00	0.00E+00	8.33E-11	1.71E-09	1.28E-02	0.00E+00	0.00E+00	0.00E+00	4.30E-04	1.60E-01	6.47E+01	0.00E+00	7.40E-09	2.50E-07	3.91E-02	1.32E-04	9.50E-02	0.00E+00	6.47E+01	1.99E-07	6.47E+01	6.76E+01	9.50E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-02
M-TSKM15022	3.03E-02	4.77E+00	0.00E+00	4.77E+00	0.00E+00	0.00E+00	3.14E+00	1.81E-06	1.46E-02	1.58E-01	0.00E+00	0.00E+00	8.21E-11	1.65E-09	1.25E-02	0.00E+00	0.00E+00	0.00E+00	4.25E-04	1.61E-01	6.48E+01	0.00E+00	7.39E-09	2.50E-07	3.81E-02	1.29E-04	9.31E-02	0.00E+00	6.48E+01	1.97E-07	6.48E+01	6.73E+01	9.31E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-02
M-TSKM16018	3.02E-02	4.73E+00	0.00E+00	4.73E+00	0.00E+00	0.00E+00	3.11E+00	1.81E-06	1.44E-02	1.57E-01	0.00E+00	0.00E+00	8.15E-11	1.62E-09	1.24E-02	0.00E+00	0.00E+00	0.00E+00	4.23E-04	1.59E-01	6.43E+01	0.00E+00	7.30E-09	2.48E-07	3.79E-02	1.29E-04	9.28E-02	0.00E+00	6.43E+01	1.96E-07	6.43E+01	6.68E+01	9.28E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-02
M-TSKM16020	3.05E-02	4.85E+00	0.00E+00	4.85E+00	0.00E+00	0.00E+00	3.16E+00	1.85E-06	1.48E-02	1.61E-01	0.00E+00	0.00E+00	8.33E-11	1.72E-09	1.28E-02	0.00E+00	0.00E+00	0.00E+00	4.31E-04	1.61E-01	6.47E+01	0.00E+00	7.48E-09	2.50E-07	3.91E-02	1.32E-04	9.50E-02	0.00E+00	6.47E+01	1.99E-07	6.47E+01	6.76E+01	9.50E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-02
M-TSKM16022	3.03E-02	4.78E+00	0.00E+00	4.78E+00	0.00E+00	0.00E+00	3.14E+00	1.81E-06	1.46E-02	1.59E-01	0.00E+00	0.00E+00	8.24E-11	1.65E-09	1.25E-02	0.00E+00	0.00E+00	0.00E+00	4.25E-04	1.61E-01	6.48E+01	0.00E+00	7.39E-09	2.50E-07	3.83E-02	1.30E-04	9.34E-02	0.00E+00	6.48E+01	1.97E-07	6.48E+01	6.73E+01	9.34E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-02

M-ZBV100	2.01E-03	3.16E-01	0.00E+00	3.16E-01	0.00E+00	0.00E+00	2.09E-01	1.19E-07	9.42E-04	1.03E-02	0.00E+00	0.00E+00	5.57E-12	1.08E-10	7.70E-04	0.00E+00	0.00E+00	0.00E+00	2.81E-05	1.11E-02	4.42E+00	0.00E+00	4.85E-10	1.63E-08	2.61E-03	7.98E-06	5.89E-03	0.00E+00	4.42E+00	1.25E-08	4.42E+00	4.44E+00	5.89E-03	0.00E+00	0.00E+00	0.00E+00	1.20E-03
M-ZBV110	2.39E-03	3.75E-01	0.00E+00	3.75E-01	0.00E+00	0.00E+00	2.49E-01	1.40E-07	1.10E-03	1.20E-02	0.00E+00	0.00E+00	6.55E-12	1.27E-10	9.20E-04	0.00E+00	0.00E+00	0.00E+00	3.29E-05	1.32E-02	5.18E+00	0.00E+00	5.72E-10	1.98E-08	3.02E-03	9.28E-06	6.93E-03	0.00E+00	5.18E+00	1.47E-08	5.18E+00	5.20E+00	6.93E-03	0.00E+00	0.00E+00	0.00E+00	1.44E-03
M-ZBV120	2.57E-03	4.06E-01	0.00E+00	4.06E-01	0.00E+00	0.00E+00	2.68E-01	1.52E-07	1.19E-03	1.30E-02	0.00E+00	0.00E+00	7.13E-12	1.37E-10	9.95E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05	1.42E-02	5.60E+00	0.00E+00	6.19E-10	2.14E-08	3.26E-03	1.01E-05	7.48E-03	0.00E+00	5.60E+00	1.60E-08	5.60E+00	5.65E+00	7.48E-03	0.00E+00	0.00E+00	0.00E+00	1.54E-03
M-ZBV130	2.58E-03	4.13E-01	0.00E+00	4.13E-01	0.00E+00	0.00E+00	2.73E-01	1.55E-07	1.22E-03	1.34E-02	0.00E+00	0.00E+00	7.28E-12	1.40E-10	1.01E-03	0.00E+00	0.00E+00	0.00E+00	3.64E-05	1.45E-02	5.75E+00	0.00E+00	6.32E-10	2.16E-08	3.34E-03	1.04E-05	7.61E-03	0.00E+00	5.75E+00	1.64E-08	5.75E+00	5.77E+00	7.61E-03	0.00E+00	0.00E+00	0.00E+00	1.56E-03
M-ZBV135	2.65E-03	4.25E-01	0.00E+00	4.25E-01	0.00E+00	0.00E+00	2.82E-01	1.60E-07	1.26E-03	1.38E-02	0.00E+00	0.00E+00	7.49E-12	1.45E-10	1.04E-03	0.00E+00	0.00E+00	0.00E+00	3.75E-05	1.50E-02	5.92E+00	0.00E+00	6.51E-10	2.22E-08	3.44E-03	1.07E-05	7.87E-03	0.00E+00	5.92E+00	1.68E-08	5.92E+00	5.95E+00	7.87E-03	0.00E+00	0.00E+00	0.00E+00	1.61E-03
M-ZBV140	2.83E-03	4.50E-01	0.00E+00	4.50E-01	0.00E+00	0.00E+00	2.98E-01	1.69E-07	1.34E-03	1.47E-02	0.00E+00	0.00E+00	7.95E-12	1.53E-10	1.10E-03	0.00E+00	0.00E+00	0.00E+00	4.00E-05	1.57E-02	6.28E+00	0.00E+00	6.89E-10	2.36E-08	3.67E-03	1.14E-05	8.36E-03	0.00E+00	6.28E+00	1.79E-08	6.28E+00	6.31E+00	8.36E-03	0.00E+00	0.00E+00	0.00E+00	1.70E-03
M-ZBV15	3.48E-04	5.48E-02	0.00E+00	5.48E-02	0.00E+00	0.00E+00	3.59E-02	2.06E-08	1.62E-04	1.80E-03	0.00E+00	0.00E+00	9.61E-13	1.86E-11	1.33E-04	0.00E+00	0.00E+00	0.00E+00	4.85E-06	1.92E-03	7.62E-01	0.00E+00	8.44E-11	2.83E-09	4.52E-04	1.38E-06	1.02E-03	0.00E+00	7.62E-01	2.16E-09	7.62E-01	7.62E-01	1.02E-03	0.00E+00	0.00E+00	0.00E+00	2.06E-04
M-ZBV150	3.09E-03	4.88E-01	0.00E+00	4.88E-01	0.00E+00	0.00E+00	3.24E-01	1.83E-07	1.45E-03	1.60E-02	0.00E+00	0.00E+00	8.63E-12	1.67E-10	1.20E-03	0.00E+00	0.00E+00	0.00E+00	4.33E-05	1.72E-02	6.81E+00	0.00E+00	7.48E-10	2.56E-08	4.00E-03	1.24E-05	9.07E-03	0.00E+00	6.81E+00	1.94E-08	6.81E+00	6.85E+00	9.07E-03	0.00E+00	0.00E+00	0.00E+00	1.85E-03
M-ZBV160	3.10E-03	4.91E-01	0.00E+00	4.91E-01	0.00E+00	0.00E+00	3.25E-01	1.84E-07	1.46E-03	1.60E-02	0.00E+00	0.00E+00	8.69E-12	1.68E-10	1.21E-03	0.00E+00	0.00E+00	0.00E+00	4.36E-05	1.73E-02	6.86E+00	0.00E+00	7.53E-10	2.57E-08	4.03E-03	1.24E-05	9.13E-03	0.00E+00	6.86E+00	1.96E-08	6.86E+00	6.89E+00	9.13E-03	0.00E+00	0.00E+00	0.00E+00	1.86E-03
M-ZBV17	3.48E-04	5.48E-02	0.00E+00	5.48E-02	0.00E+00	0.00E+00	3.59E-02	2.06E-08	1.62E-04	1.80E-03	0.00E+00	0.00E+00	9.61E-13	1.86E-11	1.33E-04	0.00E+00	0.00E+00	0.00E+00	4.85E-06	1.92E-03	7.62E-01	0.00E+00	8.44E-11	2.83E-09	4.52E-04	1.38E-06	1.02E-03	0.00E+00	7.62E-01	2.16E-09	7.62E-01	7.62E-01	1.02E-03	0.00E+00	0.00E+00	0.00E+00	2.06E-04
M-ZBV180	3.62E-03	5.69E-01	0.00E+00	5.69E-01	0.00E+00	0.00E+00	3.73E-01	2.15E-07	1.68E-03	1.87E-02	0.00E+00	0.00E+00	1.01E-11	1.93E-10	1.40E-03	0.00E+00	0.00E+00	0.00E+00	5.07E-05	2.00E-02	7.89E+00	0.00E+00	8.75E-10	2.96E-08	4.71E-03	1.43E-05	1.07E-02	0.00E+00	7.89E+00	2.25E-08	7.89E+00	8.03E+00	1.07E-02	0.00E+00	0.00E+00	0.00E+00	2.17E-03
M-ZBV20	4.41E-04	6.96E-02	0.00E+00	6.98E-02	0.00E+00	0.00E+00	4.60E-02	2.63E-08	2.06E-04	2.30E-03	0.00E+00	0.00E+00	1.23E-12	2.37E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.22E-06	2.47E-03	9.72E-01	0.00E+00	1.08E-10	3.56E-09	5.78E-04	1.74E-06	1.30E-03	0.00E+00	9.72E-01	2.75E-09	9.72E-01	9.73E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.66E-04
M-ZBV25	5.89E-04	9.01E-02	0.00E+00	9.01E-02	0.00E+00	0.00E+00	5.97E-02	3.40E-08	2.70E-04	2.97E-03	0.00E+00	0.00E+00	1.60E-12	3.08E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	8.05E-06	3.17E-03	1.26E+00	0.00E+00	1.40E-10	4.66E-09	7.46E-04	2.26E-06	1.69E-03	0.00E+00	1.26E+00	3.57E-09	1.26E+00	1.27E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	3.42E-04
M-ZBV30	5.59E-04	8.63E-02	0.00E+00	8.63E-02	0.00E+00	0.00E+00	5.79E-02	3.23E-08	2.57E-04	2.80E-03	0.00E+00	0.00E+00	1.52E-12	2.94E-11	2.14E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-06	3.11E-03	1.21E+00	0.00E+00	1.32E-10	4.52E-09	7.10E-04	2.16E-06	1.61E-03	0.00E+00	1.21E+00	3.41E-09	1.21E+00	1.21E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	3.35E-04
M-ZBV35	6.49E-04	1.02E-01	0.00E+00	1.02E-01	0.00E+00	0.00E+00	6.71E-02	3.84E-08	3.04E-04	3.32E-03	0.00E+00	0.00E+00	1.80E-12	3.48E-11	2.50E-04	0.00E+00	0.00E+00	0.00E+00	9.05E-06	3.61E-03	1.43E+00	0.00E+00	1.57E-10	5.29E-09	8.40E-04	2.55E-06	1.91E-03	0.00E+00	1.43E+00	4.03E-09	1.43E+00	1.42E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	3.91E-04
M-ZBV40	7.64E-04	1.22E-01	0.00E+00	1.22E-01	0.00E+00	0.00E+00	7.99E-02	4.63E-08	3.65E-04	3.97E-03	0.00E+00	0.00E+00	2.16E-12	4.14E-11	2.97E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-05	4.28E-03	1.72E+00	0.00E+00	1.88E-10	6.25E-09	1.01E-03	3.07E-06	2.30E-03	0.00E+00	1.72E+00	4.80E-09	1.72E+00	1.71E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	4.62E-04
M-ZBV42	8.95E-04	1.41E-01	0.00E+00	1.41E-01	0.00E+00	0.00E+00	9.27E-02	5.30E-08	4.20E-04	4.59E-03	0.00E+00	0.00E+00	2.49E-12	4.80E-11	3.44E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-05	4.96E-03	1.97E+00	0.00E+00	2.16E-10	7.30E-09	1.16E-03	3.52E-06	2.64E-03	0.00E+00	1.97E+00	5.56E-09	1.97E+00	1.97E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04
M-ZBV45	8.95E-04	1.41E-01	0.00E+00	1.41E-01	0.00E+00	0.00E+00	9.27E-02	5.30E-08	4.20E-04	4.59E-03	0.00E+00	0.00E+00	2.49E-12	4.80E-11	3.44E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-05	4.96E-03	1.97E+00	0.00E+00	2.16E-10	7.30E-09	1.16E-03	3.52E-06	2.64E-03	0.00E+00	1.97E+00	5.56E-09	1.97E+00	1.97E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04
M-ZBV50	9.85E-04	1.54E-01	0.00E+00	1.54E-01	0.00E+00	0.00E+00	1.02E-01	5.81E-08	4.61E-04	5.02E-03	0.00E+00	0.00E+00	2.72E-12	5.27E-11	3.80E-04	0.00E+00	0.00E+00	0.00E+00	1.37E-05	5.47E-03	2.16E+00	0.00E+00	2.37E-10	8.07E-09	1.27E-03	3.86E-06	2.89E-03	0.00E+00	2.16E+00	6.09E-09	2.16E+00	2.16E+00	2.89E-03	0.00E+00	0.00E+00	0.00E+00	5.90E-04
M-ZBV55	1.10E-03	1.74E-01	0.00E+00	1.74E-01	0.00E+00	0.00E+00	1.15E-01	6.57E-08	5.19E-04	5.69E-03	0.00E+00	0.00E+00	3.07E-12	5.92E-11	4.27E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-05	6.13E-03	2.44E+00	0.00E+00	2.67E-10	9.05E-09	1.43E-03	4.35E-06	3.24E-03	0.00E+00	2.44E+00	6.87E-09	2.44E+00	2.44E+00	3.24E-03	0.00E+00	0.00E+00	0.00E+00	6.63E-04
M-ZBV60	1.25E-03	1.98E-01	0.00E+00	1.98E-01	0.00E+00	0.00E+00	1.29E-01	7.42E-08	5.86E-04	6.45E-03	0.00E+00	0.00E+00	3.48E-12	6.74E-11	4.81E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-05	6.94E-03	2.76E+00	0.00E+00	3.03E-10	1.02E-08	1.62E-03	4.94E-06	3.68E-03	0.00E+00	2.76E+00	7.78E-09	2.76E+00	2.77E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	7.50E-04
M-ZBV65	1.36E-03	2.14E-01	0.00E+00	2.14E-01	0.00E+00	0.00E+00	1.41E-01	8.03E-08	6.37E-04	6.97E-03	0.00E+00	0.00E+00	3.77E-12	7.28E-11	5.24E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-05	7.52E-03	2.99E+00	0.00E+00	3.28E-10	1.11E-08	1.76E-03	5.35E-06	3.98E-03	0.00E+00	2.99E+00	8.44E-09	2.99E+00	2.99E+00	3.98E-03	0.00E+00	0.00E+00	0.00E+00	8.15E-04
M-ZBV67	1.36E-03	2.14E-01	0.00E+00	2.14E-01	0.00E+00	0.00E+00	1.41E-01	8.03E-08	6.37E-04	6.97E-03	0.00E+00	0.00E+00	3.77E-12	7.28E-11	5.24E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-05	7.52E-03	2.99E+00	0.00E+00	3.28E-10	1.11E-08	1.76E-03	5.35E-06	3.98E-03	0.00E+00	2.99E+00	8.44E-09	2.99E+00	2.99E+00	3.98E-03	0.00E+00	0.00E+00	0.00E+00	8.15E-04
M-ZBV70	1.42E-03	2.24E-01	0.00E+00	2.24E-01	0.00E+00	0.00E+00	1.47E-01	8.40E-08	6.66E-04	7.31E-03	0.00E+00	0.00E+00	3.94E-12	7.61E-11	5.50E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-05	7.90E-03	3.13E+00	0.00E+00	3.43E-10	1.16E-08	1.84E-03	5.61E-06	4.18E-03	0.00E+00	3.13E+00	8.87E-09	3.13E+00	3.14E+00	4.18E-03	0.00E+00	0.00E+00	0.00E+00	8.56E-04
M-ZBV75	1.42E-03	2.24E-01	0.00E+00	2.24E-01	0.00E+00	0.00E+00	1.47E-01	8.40E-08	6.66E-04	7.31E-03	0.00E+00	0.00E+00	3.94E-12	7.61E-11	5.50E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-05	7.90E-03	3.13E+00	0.00E+00	3.43E-10	1.16E-08	1.84E-03	5.61E-06	4.18E-03	0.00E+00	3.13E+00	8.87E-09	3.13E+00	3.14E+00	4.18E-03	0.00E+00	0.00E+00	0.00E+00	8.56E-04
M-ZBV80	1.58E-03	2.51E-01	0.00E+00	2.51E-01	0.00E+00	0.00E+00	1.64E-01	9.40E-08	7.45E-04	8.17E-03	0.00E+00	0.00E+00	4.42E-12	8.51E-11	6.08E-04	0.00E+00	0.00E+00	0.00E+00	2.22E-05	8.74E-03	3.50E+00	0.00E+00	3.85E-10	1.29E-08	2.06E-03	6.29E-06	4.68E-03	0.00E+00	3.50E+00	9.90E-09	3.50E+00	3.51E+00	4.68E-03	0.00E+00	0.00E+00	0.00E+00	9.50E-04
M-ZBV85	1.67E-03	2.63E-01	0.00E+00	2.63E-01	0.00E+00	0.00E+00	1.72E-01	9.88E-08	7.83E-04	8.58E-03	0.00E+00	0.00E+00	4.63E-12	8.95E-11	6.40E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-05	9.22E-03	3.68E+00	0.00E+00	4.04E-10	1.35E-08	2.17E-03	6.59E-06	4.91E-03	0.00E+00	3.68E+00	1.04E-08	3.68E+00	3.68E+00	4.91E-03	0.00E+00	0.00E+00	0.00E+00	9.98E-04
M-ZST16	3.10E-03	4.91E-01	0.00E+00	4.91E-01	0.00E+00	0.00E+00	3.25E-01	1.84E-07	1.46E-03	1.60E-02	0.00E+00	0.00E+00	8.68E-12	1.68E-10	1.21E-03	0.00E+00	0.00E+00	0.00E+00	4.36E-05	1.73E-02	6.86E+00	0.00E+00	7.53E-10	2.57E-08	4.03E-03	1.24E-05	9.13E-03	0.00E+00	6.86E+00	1.96E-08	6.86E+00	6.89E+00	9.13E-03	0.00E+00	0.00E+00	0.00E+00	1.86E-03
M-ZST18	3.48E-03	5.48E-01	0.00E+00	5.48E-01	0.00E+00	0.00E+00	3.57E-01	2.07E-07	1.62E-03	1.80E-02	0.00E+00	0.00E+00	9.72E-12	1.87E-10	1.34E-03	0.00E+00	0.00E+00	0.00E+00	4.88E-05	1.93E-02	7.62E+00	0.00E+00	8.46E-10	2.84E-08	4.56E-03	1.38E-05	1.02E-02	0.00E+00	7.62E+00	2.18E-08	7.62E+00	7.71E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00	2.08E-03
M-ZST20	3.73E-03	5.88E-01	0.00E+00	5.88E-01	0.00E+00	0.00E+00	3.87E-01	2.22E-07	1.75E-03	1.94E-02	0.00E+00	0.00E+00	1.04E-11	1.99E-10	1.44E-03	0.00E+00	0.00E+00	0.00E+00	5.27E-05	2.08E-02	8.20E+00	0.00E+00	9.05E-10	3.06E-08	4.87E-03	1.48E-05	1.11E-02	0.00E+00	8.20E+00	2.32E-08	8.20E+00	8.37E+00	1.11E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
M-ZST22	3.92E-03	6.14E-01	0.00E+00	6.14E-01	0.00E+00	0.00E+00	4.05E-01	2.32E-07	1.83E-03	2.02E-02	0.00E+00	0.00E+00	1.09E-11	2.10E-10	1.49E-03	0.00E+00	0.00E+00	0.00E+00	5.46E-05	2.15E-02	8.57E+00	0.00E+00	9.40E-10	3.25E-08	5.05E-03	1.53E-05	1.17E-02	0.00E+00	8.57E+00	2.43E-08	8.57E+00	8.72E+00	1.17E-02	0.00E+00	0.00E+00	0.00E+00	2.34E-03
M-ZSTD16	6.15E-03	9.62E-01	0.00E+00	9.62E-01	0.00E+00	0.00E+00	6.35E-01	3.62E-07	2.87E-03	3.14E-02	0.00E+00	0.00E+00	1.69E-11	3.27E-10	2.36E-03	0.00E+00	0.00E+00	0.00E+00	8.51E-05	3.39E-02	1.35E+01	0.00E+00	1.48E-09	4.98E-08	7.91E-03	2.41E-05	1.80E-02	0.00E+00	1.35E+01	3.79E-08	1.35E+01	1.35E+01	1.80E-02	0.00E+00	0.00E+00	0.00E+00	3.67E-03
M-ZSTD18	6.70E-03	1.06E+00	0.00E+00	1.06E+00	0.00E+00	0.00E+00	6.96E-01	3.99E-07	3.16E-03	3.45E-02	0.00E+00	0.00E+00	1.87E-11	3.61E-10	2.59E-03	0.00E+00	0.00E+00	0.00E+00	9.38E-05	3.71E-02	1.49E+01	0.00E+00	1.63E-09	5.48E-08	8.74E-03	2.65E-05	1.98E-02	0.00E+00	1.49E+01	4.18E-08	1.49E+01	1.48E+01	1.98E-02	0.00E+00	0.00E+00	0.00E+00	4.02E-03
M-ZSTD20	7.54E-03	1.19E+00	0.00E+00	1.19E+00	0.00E+00	0.00E+00	7.78E-01	4.47E-07	3.53E-03	3.90E-02	0.00E+00	0.00E+00	2.09E-11	4.05E-10	2.90E-03	0.00E+00	0.00E+00	0.00E+00	1.05E-04	4.17E-02	1.68E+01	0.00E+00	1.82E-09	6.14E-08	9.78E-03	2.97E-05	2.22E-02	0.00E+00	1.68E+01	4.70E-08	1.68E+01	1.66E+01	2.22E-02	0.00E+00	0.00E+00	0.00E+00	4.51E-03
M-ZSTD22	8.35E-03	1.31E+00	0.00E+00	1.31E+00	0.00E+00	0.00E+00	8.56E-01	4.92E-07	3.89E-03	4.27E-02	0.00E+00	0.00E+00	2.30E-11	4.46E-10	3.16E-03	0.00E+00	0.00E+00	0.00E+00	1.16E-04	4.59E-02	1.83E+01	0.00E+00	2.01E-09	6.71E-08	1.07E-02	3.29E-05	2.44E-02	0.00E+00	1.83E+01	5.16E-08	1.83E+01	1.83E+01	2.44E-02	0.00E+00	0.00E+00	0.00E+00	5.01E-03
M-ZSTG18	3.93E-03	6.18E-01	0.00E+00	6.18E-01	0.00E+00	0.00E+00	4.07E-01	2.33E-07	1.85E-03	2.04E-02	0.00E+00	0.00E+00	1.10E-11	2.11E-10	1.50E-03	0.00E+00	0.00E+00	0.00E+00	5.50E-05	2.17E-02	8.61E+00	0.00E+00	9.46E-10	3.27E-08	5.09E-03	1.54E-05	1.18E-02	0.00E+00	8.61E+00	2.45E-08	8.61E+00	8.80E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	2.36E-03
M-ZSTG20	4.79E-03	7.58E-01	0.00E+00	7.58E-01	0.00E+00	0.00E+00	4.96E-01	2.83E-07	2.27E-03	2.48E-02	0.00E+00	0.00E+00	1.34E-11	2.62E-10	1.81E-03	0.00E+00	0.00E+00	0.00E+00	6.73E-05	2.65E-02	1.06E+01	0.00E+00	1.16E-09	3.95E-08	6.22E-03	1.89E-05	1.43E-02	0.00E+00	1.06E+01	3.01E-08	1.06E+01	1.06E+01	1.43E-02	0.00E+00	0.00E+00	0.00E+00	2.87E-03
M-ZSTG22	5.44E-03	8.65E-01	0.00E+00	8.65E-01	0.00E+00	0.00E+00	5.67E-01	3.24E-07	2.57E-03	2.81E-02	0.00E+00	0.00E+00	1.51E-11	2.95E-10	2.10E-03	0.00E+00	0.00E+00	0.00E+00	7.64E-05	3.05E-02	1.21E+01	0.00E+00	1.33E-09	4.45E-08	7.13E-03	2.16E-05	1.61E-02	0.00E+00	1.21E+01	3.40E-08	1.21E+01	1.20E+01	1.61E-02	0.00E+00	0.00E+00	0.00E+00	3.29E-03
M-ZSTGR12	2.39E-03	3.73E-01	0.00E+00	3.73E-01	0.00E+00	0.00E+00	2.49E-01	1.40E-07	1.10E-03	1.21E-02	0.00E+00	0.00E+00	6.56E-12	1.27E-10	9.22E-04	0.00E+00	0.00E+00	0.00E+00	3.29E-05	1.32E-02	5.18E+00	0.00E+00	5.72E-10	1.98E-08	3.02E-03	9.29E-06	6.94E-03	0.00E+00	5.18E+00	1.47E-08	5.18E+00	5.20E+00	6.94E-03	0.00E+00	0.00E+00	0.00E+00	1.44E-03
M-ZSTGR13	2.57E-03	4.12E-01	0.00E+00	4.12E-01	0.00E+00	0.00E+00	2.72E-01	1.55E-07	1.22E-03	1.34E-02	0.00E+00	0.00E+00	7.28E-12	1.40E-10	1.00E-03	0.00E+00	0.00E+00	0.00E+00	3.63E-05	1.44E-02	5.73E+00	0.00E+00	6.29E-10	2.15E-08	3.33E-03	1.04E-05	7.58E-03	0.00E+00	5.73E+00	1.64E-08	5.73E+00	5.76E+00	7.58E-03	0.00E+00	0.00E+00	0.00E+00	1.56E-03
M-ZSTGR15	2.83E-03	4.50E-01	0.00E+00	4.50E-01	0.00E+00	0.00E+00	2.98E-01	1.69E-07	1.34E-03	1.47E-02	0.00E+00	0.00E+00	7.95E-12	1.53E-10	1.10E-03	0.00E+00	0.00E+00	0.00E+00	4.00E-05	1.57E-02	6.28E+00	0.00E+00	6.89E-10	2.36E-08	3.67E-03	1.14E-05	8.36E-03	0.00E+00	6.28E+00	1.79E-08	6.28E+00	6.31E+00	8.36E-03	0.00E+00	0.00E+00	0.00E+00	1.70E-03
SP-SV	2.97E-03	3.28E-01	0.00E+00	3.28E-01	0.00E+00	0.00E+00	2.66E-01	1.62E-07	1.45E-03	1.63E-02	0.00E+00	0.00E+00	5.57E-12	1.74E-10	1.58E-03	0.00E+00	0.00E+00	0.00E+00	5.01E-05	4.91E-03	4.44E+00	0.00E+00	6.35E-10	2.98E-08	2.07E-03	2.11E-05	1.11E-02	0.00E+00	4.44E+00	2.32E-08	4.44E+00	6.43E+00	1.11E-02	0.00E+00	0.00E+00	0.00E+00	1.35E-03
U-A2100620	1.32E-02	2.04E+00	0.00E+00	2.04E+00	0.00E+00	0.00E+00	1.35E+00	7.68E-07	6.15E-03	6.64E-02	0.00E+00	0.00E+00	3.71E-11	6.99E-10	4.98E-03	0.00E+00	0.00E+00	0.00E+00	1.85E-04	7.27E-02	2.91E+01	0.00E+00	3.21E-09	1.05E-07	1.68E-02	5.18E-05	3.85E-02	0.00E+00	2.91E+01	8.05E-08	2.91E+01	2.94E+01	3.85E-02	0.00E+00	0.00E+00	0.00E+00	7.79E-03
U-A2100622	1.40E-02	2.29E+00	0.00E+00	2.29E+00	0.00E+00	0.00E+00	1.50E+00	8.43E-07	6.88E-03	7.52E-02	0.00E+00	0.00E+00	4.05E-11	7.59E-10	5.70E-03	0.00E+00	0.00E+00	0.00E+00	2.02E-04	8.14E-02	3.25E+01	0.00E+00	3.49E-09	1.17E-07	1.84E-02	5.69E-05	4.33E-02	0.00E+00	3.25E+01	8.77E-08	3.25E+01	3.26E+01	4.33E-02	0.00E+00	0.00E+00	0.00E+00	8.71E-03
U-A2100820	1.48E-02	2.28E+00	0.00E+00	2.28E+00	0.00E+00	0.00E+00	1.50E+00	8.42E-07	6.88E-03	7.52E-02	0.00E+00	0.00E+00	4.04E-11	7.57E-10	5.69E-03	0.00E+00	0.00E+00	0.00E+00	2.01E-04	8.14E-02	3.24E+01	0.00E+00	3.49E-09	1.17E-07	1.84E-02	5.68E-05	4.31E-02	0.00E+00	3.24E+01	8.77E-08	3.24E+01	3.25E+01	4.31E-02	0.00E+00	0.00E+00	0.00E+00	8.70E-03
U-A2100822	1.63E-02	2.50E+00	0.00E+00	2.50E+00	0.00E+00	0.00E+00	1.64E+00	9.27E-07	7.36E-03	8.22E-02	0.00E+00	0.00E+00	4.39E-11	8.31E-10	6.18E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04	8.93E-02	3.53E+01	0.00E+00	3.78E-09	1.28E-07	2.00E-02	6.19E-05	4.86E-02	0.00E+00	3.53E+01	9.84E-08	3.53E+01	3.61E+01	4.86E-02	0.00E+00	0.00E+00	0.00E+00	9.50E-03
U-A2110620	1.53E-02	2.40E+00	0.00E+00	2.40E+00

U-A2C9040	1.21E-02	1.93E+00	0.00E+00	1.93E+00	0.00E+00	0.00E+00	1.26E+00	7.27E-07	5.70E-03	6.40E-02	0.00E+00	0.00E+00	3.45E-11	6.62E-10	4.65E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-04	6.85E-02	2.68E+01	0.00E+00	3.03E-09	9.94E-08	1.60E-02	4.86E-05	3.70E-02	0.00E+00	2.68E+01	7.56E-08	2.68E+01	2.75E+01	3.70E-02	0.00E+00	0.00E+00	0.00E+00	7.58E-03
U-A2K100820	1.28E-02	1.96E+00	0.00E+00	1.96E+00	0.00E+00	0.00E+00	1.27E+00	7.36E-07	5.84E-03	6.37E-02	0.00E+00	0.00E+00	3.59E-11	6.89E-10	4.72E-03	0.00E+00	0.00E+00	0.00E+00	1.76E-04	6.93E-02	2.75E+01	0.00E+00	3.04E-09	1.01E-07	1.61E-02	4.91E-05	3.65E-02	0.00E+00	2.75E+01	7.67E-08	2.75E+01	2.77E+01	3.65E-02	0.00E+00	0.00E+00	0.00E+00	7.59E-03
U-A2K100822	1.47E-02	2.21E+00	0.00E+00	2.21E+00	0.00E+00	0.00E+00	1.46E+00	8.29E-07	6.56E-03	7.33E-02	0.00E+00	0.00E+00	3.98E-11	7.43E-10	5.62E-03	0.00E+00	0.00E+00	0.00E+00	1.99E-04	8.06E-02	3.12E+01	0.00E+00	3.43E-09	1.16E-07	1.81E-02	5.60E-05	4.23E-02	0.00E+00	3.12E+01	8.63E-08	3.12E+01	3.20E+01	4.23E-02	0.00E+00	0.00E+00	0.00E+00	8.60E-03
U-A2K45620	3.59E-03	5.61E-01	0.00E+00	5.61E-01	0.00E+00	0.00E+00	3.70E-01	2.11E-07	1.67E-03	1.84E-02	0.00E+00	0.00E+00	9.82E-12	1.91E-10	1.38E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-05	1.99E-02	7.91E+00	0.00E+00	8.71E-10	2.88E-08	4.62E-03	1.40E-05	1.04E-02	0.00E+00	7.91E+00	2.23E-08	7.91E+00	7.79E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00	2.14E-03
U-A2K45622	4.01E-03	6.20E-01	0.00E+00	6.20E-01	0.00E+00	0.00E+00	4.09E-01	2.35E-07	1.87E-03	2.06E-02	0.00E+00	0.00E+00	1.09E-11	2.13E-10	1.51E-03	0.00E+00	0.00E+00	0.00E+00	5.52E-05	2.21E-02	8.83E+00	0.00E+00	9.63E-10	3.24E-08	5.09E-03	1.55E-05	1.18E-02	0.00E+00	8.83E+00	2.48E-08	8.83E+00	8.72E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	2.38E-03
U-A2K45820	3.84E-03	5.96E-01	0.00E+00	5.96E-01	0.00E+00	0.00E+00	3.91E-01	2.26E-07	1.79E-03	1.98E-02	0.00E+00	0.00E+00	1.05E-11	2.02E-10	1.46E-03	0.00E+00	0.00E+00	0.00E+00	5.33E-05	2.11E-02	8.45E+00	0.00E+00	9.27E-10	3.05E-08	4.90E-03	1.49E-05	1.12E-02	0.00E+00	8.45E+00	2.37E-08	8.45E+00	8.34E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.27E-03
U-A2K45822	4.03E-03	6.23E-01	0.00E+00	6.23E-01	0.00E+00	0.00E+00	4.13E-01	2.37E-07	1.89E-03	2.07E-02	0.00E+00	0.00E+00	1.10E-11	2.14E-10	1.52E-03	0.00E+00	0.00E+00	0.00E+00	5.55E-05	2.23E-02	8.88E+00	0.00E+00	9.69E-10	3.26E-08	5.12E-03	1.56E-05	1.19E-02	0.00E+00	8.88E+00	2.49E-08	8.88E+00	8.79E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	2.39E-03
U-A2K60620	5.10E-03	8.07E-01	0.00E+00	8.07E-01	0.00E+00	0.00E+00	5.24E-01	3.05E-07	2.41E-03	2.64E-02	0.00E+00	0.00E+00	1.42E-11	2.76E-10	1.93E-03	0.00E+00	0.00E+00	0.00E+00	7.13E-05	2.83E-02	1.14E+01	0.00E+00	1.25E-09	4.14E-08	6.63E-03	2.01E-05	1.52E-02	0.00E+00	1.14E+01	3.19E-08	1.14E+01	1.13E+01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	3.05E-03
U-A2K60622	6.18E-03	9.75E-01	0.00E+00	9.75E-01	0.00E+00	0.00E+00	6.43E-01	3.69E-07	2.86E-03	3.18E-02	0.00E+00	0.00E+00	1.71E-11	3.32E-10	2.37E-03	0.00E+00	0.00E+00	0.00E+00	8.62E-05	3.43E-02	1.38E+01	0.00E+00	1.49E-09	5.02E-08	8.01E-03	2.44E-05	1.81E-02	0.00E+00	1.38E+01	3.84E-08	1.38E+01	1.36E+01	1.81E-02	0.00E+00	0.00E+00	0.00E+00	3.71E-03
U-A2K60820	5.51E-03	8.64E-01	0.00E+00	8.64E-01	0.00E+00	0.00E+00	5.65E-01	3.25E-07	2.57E-03	2.81E-02	0.00E+00	0.00E+00	1.52E-11	2.94E-10	2.10E-03	0.00E+00	0.00E+00	0.00E+00	7.65E-05	3.03E-02	1.21E+01	0.00E+00	1.33E-09	4.44E-08	7.10E-03	2.16E-05	1.61E-02	0.00E+00	1.21E+01	3.40E-08	1.21E+01	1.20E+01	1.61E-02	0.00E+00	0.00E+00	0.00E+00	3.28E-03
U-A2K60822	6.56E-03	1.04E+00	0.00E+00	1.04E+00	0.00E+00	0.00E+00	6.76E-01	3.89E-07	3.08E-03	3.37E-02	0.00E+00	0.00E+00	1.82E-11	3.53E-10	2.51E-03	0.00E+00	0.00E+00	0.00E+00	9.17E-05	3.62E-02	1.45E+01	0.00E+00	1.59E-09	5.32E-08	8.51E-03	2.59E-05	1.93E-02	0.00E+00	1.45E+01	4.08E-08	1.45E+01	1.45E+01	1.93E-02	0.00E+00	0.00E+00	0.00E+00	3.92E-03
U-A2K80620	7.30E-03	1.16E+00	0.00E+00	1.16E+00	0.00E+00	0.00E+00	7.64E-01	4.37E-07	3.46E-03	3.80E-02	0.00E+00	0.00E+00	2.05E-11	3.97E-10	2.84E-03	0.00E+00	0.00E+00	0.00E+00	1.03E-04	4.10E-02	1.62E+01	0.00E+00	1.79E-09	6.01E-08	9.56E-03	2.91E-05	2.17E-02	0.00E+00	1.62E+01	4.59E-08	1.62E+01	1.63E+01	2.17E-02	0.00E+00	0.00E+00	0.00E+00	4.44E-03
U-A2K80622	8.80E-03	1.39E+00	0.00E+00	1.39E+00	0.00E+00	0.00E+00	9.13E-01	5.22E-07	4.12E-03	4.52E-02	0.00E+00	0.00E+00	2.45E-11	4.73E-10	3.36E-03	0.00E+00	0.00E+00	0.00E+00	1.23E-04	4.89E-02	1.95E+01	0.00E+00	2.12E-09	7.10E-08	1.14E-02	3.46E-05	2.59E-02	0.00E+00	1.95E+01	5.48E-08	1.95E+01	1.94E+01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	5.28E-03
U-A2K80820	8.22E-03	1.29E+00	0.00E+00	1.29E+00	0.00E+00	0.00E+00	8.46E-01	4.84E-07	3.83E-03	4.21E-02	0.00E+00	0.00E+00	2.27E-11	4.39E-10	3.12E-03	0.00E+00	0.00E+00	0.00E+00	1.14E-04	4.54E-02	1.80E+01	0.00E+00	1.98E-09	6.63E-08	1.06E-02	3.23E-05	2.40E-02	0.00E+00	1.80E+01	5.09E-08	1.80E+01	1.80E+01	2.40E-02	0.00E+00	0.00E+00	0.00E+00	4.92E-03
U-A2K80822	9.47E-03	1.50E+00	0.00E+00	1.50E+00	0.00E+00	0.00E+00	9.87E-01	5.63E-07	4.46E-03	4.94E-02	0.00E+00	0.00E+00	2.65E-11	5.11E-10	3.65E-03	0.00E+00	0.00E+00	0.00E+00	1.34E-04	5.32E-02	2.09E+01	0.00E+00	2.31E-09	7.70E-08	1.24E-02	3.78E-05	2.79E-02	0.00E+00	2.09E+01	5.94E-08	2.09E+01	2.09E+01	2.79E-02	0.00E+00	0.00E+00	0.00E+00	5.73E-03
U-A2LT602060	4.28E-03	6.74E-01	0.00E+00	6.74E-01	0.00E+00	0.00E+00	4.38E-01	2.52E-07	1.99E-03	2.19E-02	0.00E+00	0.00E+00	1.18E-11	2.28E-10	1.64E-03	0.00E+00	0.00E+00	0.00E+00	5.92E-05	2.37E-02	9.49E+00	0.00E+00	1.04E-09	3.48E-08	5.50E-03	1.68E-05	1.25E-02	0.00E+00	9.49E+00	2.64E-08	9.49E+00	9.43E+00	1.25E-02	0.00E+00	0.00E+00	0.00E+00	2.57E-03
U-A2LT602080	5.39E-03	8.54E-01	0.00E+00	8.54E-01	0.00E+00	0.00E+00	5.59E-01	3.21E-07	2.54E-03	2.79E-02	0.00E+00	0.00E+00	1.50E-11	2.90E-10	2.07E-03	0.00E+00	0.00E+00	0.00E+00	7.56E-05	2.99E-02	1.19E+01	0.00E+00	1.31E-09	4.39E-08	7.01E-03	2.14E-05	1.59E-02	0.00E+00	1.19E+01	3.36E-08	1.19E+01	1.19E+01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	3.22E-03
U-A2LT602260	4.86E-03	7.69E-01	0.00E+00	7.69E-01	0.00E+00	0.00E+00	5.02E-01	2.87E-07	2.28E-03	2.51E-02	0.00E+00	0.00E+00	1.35E-11	2.60E-10	1.88E-03	0.00E+00	0.00E+00	0.00E+00	6.79E-05	2.69E-02	1.08E+01	0.00E+00	1.19E-09	3.95E-08	6.27E-03	1.93E-05	1.44E-02	0.00E+00	1.08E+01	3.00E-08	1.08E+01	1.08E+01	1.44E-02	0.00E+00	0.00E+00	0.00E+00	2.92E-03
U-A2LT602280	5.87E-03	8.67E-01	0.00E+00	8.67E-01	0.00E+00	0.00E+00	5.67E-01	3.24E-07	2.57E-03	2.83E-02	0.00E+00	0.00E+00	1.52E-11	2.94E-10	2.11E-03	0.00E+00	0.00E+00	0.00E+00	7.66E-05	3.04E-02	1.21E+01	0.00E+00	1.33E-09	4.44E-08	7.11E-03	2.16E-05	1.62E-02	0.00E+00	1.21E+01	3.41E-08	1.21E+01	1.21E+01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	3.26E-03
U-A2LTHM602060	6.16E-03	9.75E-01	0.00E+00	9.75E-01	0.00E+00	0.00E+00	6.43E-01	3.69E-07	2.86E-03	3.17E-02	0.00E+00	0.00E+00	1.71E-11	3.31E-10	2.37E-03	0.00E+00	0.00E+00	0.00E+00	8.60E-05	3.43E-02	1.36E+01	0.00E+00	1.50E-09	5.03E-08	8.00E-03	2.44E-05	1.81E-02	0.00E+00	1.36E+01	3.83E-08	1.36E+01	1.36E+01	1.81E-02	0.00E+00	0.00E+00	0.00E+00	3.71E-03
U-A2LTHM602080	6.57E-03	1.04E+00	0.00E+00	1.04E+00	0.00E+00	0.00E+00	6.76E-01	3.88E-07	3.06E-03	3.37E-02	0.00E+00	0.00E+00	1.82E-11	3.52E-10	2.51E-03	0.00E+00	0.00E+00	0.00E+00	9.17E-05	3.61E-02	1.45E+01	0.00E+00	1.59E-09	5.32E-08	8.51E-03	2.59E-05	1.93E-02	0.00E+00	1.45E+01	4.08E-08	1.45E+01	1.45E+01	1.93E-02	0.00E+00	0.00E+00	0.00E+00	3.91E-03
U-A2LTHM602260	6.51E-03	1.02E+00	0.00E+00	1.02E+00	0.00E+00	0.00E+00	6.68E-01	3.85E-07	3.06E-03	3.33E-02	0.00E+00	0.00E+00	1.80E-11	3.48E-10	2.49E-03	0.00E+00	0.00E+00	0.00E+00	9.06E-05	3.57E-02	1.44E+01	0.00E+00	1.57E-09	5.27E-08	8.40E-03	2.56E-05	1.92E-02	0.00E+00	1.44E+01	4.03E-08	1.44E+01	1.43E+01	1.92E-02	0.00E+00	0.00E+00	0.00E+00	3.86E-03
U-A2LTHM602280	7.08E-03	1.12E+00	0.00E+00	1.12E+00	0.00E+00	0.00E+00	7.35E-01	4.18E-07	3.32E-03	3.64E-02	0.00E+00	0.00E+00	1.97E-11	3.81E-10	2.73E-03	0.00E+00	0.00E+00	0.00E+00	9.88E-05	3.92E-02	1.56E+01	0.00E+00	1.71E-09	5.77E-08	9.20E-03	2.80E-05	2.08E-02	0.00E+00	1.56E+01	4.40E-08	1.56E+01	1.56E+01	2.08E-02	0.00E+00	0.00E+00	0.00E+00	4.25E-03
U-A2LTHO602060	4.93E-03	7.81E-01	0.00E+00	7.81E-01	0.00E+00	0.00E+00	5.11E-01	2.92E-07	2.32E-03	2.55E-02	0.00E+00	0.00E+00	1.38E-11	2.65E-10	1.91E-03	0.00E+00	0.00E+00	0.00E+00	6.91E-05	2.74E-02	1.10E+01	0.00E+00	1.21E-09	4.01E-08	6.39E-03	1.96E-05	1.46E-02	0.00E+00	1.10E+01	3.05E-08	1.10E+01	1.09E+01	1.46E-02	0.00E+00	0.00E+00	0.00E+00	2.96E-03
U-A2LTHO602080	5.45E-03	8.60E-01	0.00E+00	8.60E-01	0.00E+00	0.00E+00	5.63E-01	3.23E-07	2.56E-03	2.80E-02	0.00E+00	0.00E+00	1.51E-11	2.92E-10	2.10E-03	0.00E+00	0.00E+00	0.00E+00	7.61E-05	3.00E-02	1.20E+01	0.00E+00	1.32E-09	4.41E-08	7.07E-03	2.15E-05	1.60E-02	0.00E+00	1.20E+01	3.38E-08	1.20E+01	1.20E+01	1.60E-02	0.00E+00	0.00E+00	0.00E+00	3.23E-03
U-A2LTHO602260	6.44E-03	1.01E+00	0.00E+00	1.01E+00	0.00E+00	0.00E+00	6.65E-01	3.82E-07	3.01E-03	3.31E-02	0.00E+00	0.00E+00	1.79E-11	3.45E-10	2.48E-03	0.00E+00	0.00E+00	0.00E+00	9.00E-05	3.56E-02	1.42E+01	0.00E+00	1.55E-09	5.24E-08	8.37E-03	2.55E-05	1.89E-02	0.00E+00	1.42E+01	4.01E-08	1.42E+01	1.42E+01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	3.88E-03
U-A2LTHO602280	6.14E-03	9.66E-01	0.00E+00	9.66E-01	0.00E+00	0.00E+00	6.37E-01	3.65E-07	2.88E-03	3.17E-02	0.00E+00	0.00E+00	1.71E-11	3.30E-10	2.37E-03	0.00E+00	0.00E+00	0.00E+00	8.59E-05	3.41E-02	1.35E+01	0.00E+00	1.49E-09	4.98E-08	8.00E-03	2.42E-05	1.81E-02	0.00E+00	1.35E+01	3.81E-08	1.35E+01	1.35E+01	1.81E-02	0.00E+00	0.00E+00	0.00E+00	3.68E-03
U-A2LTHU602060	5.41E-03	8.57E-01	0.00E+00	8.57E-01	0.00E+00	0.00E+00	5.61E-01	3.21E-07	2.54E-03	2.79E-02	0.00E+00	0.00E+00	1.51E-11	2.91E-10	2.08E-03	0.00E+00	0.00E+00	0.00E+00	7.58E-05	2.99E-02	1.19E+01	0.00E+00	1.32E-09	4.39E-08	7.04E-03	2.14E-05	1.60E-02	0.00E+00	1.19E+01	3.37E-08	1.19E+01	1.19E+01	1.60E-02	0.00E+00	0.00E+00	0.00E+00	3.20E-03
U-A2LTHU602080	6.43E-03	1.01E+00	0.00E+00	1.01E+00	0.00E+00	0.00E+00	6.65E-01	3.80E-07	3.01E-03	3.30E-02	0.00E+00	0.00E+00	1.78E-11	3.45E-10	2.47E-03	0.00E+00	0.00E+00	0.00E+00	8.98E-05	3.57E-02	1.42E+01	0.00E+00	1.56E-09	5.24E-08	8.34E-03	2.53E-05	1.89E-02	0.00E+00	1.42E+01	3.99E-08	1.42E+01	1.42E+01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	3.87E-03
U-A2LTHU602260	6.12E-03	9.57E-01	0.00E+00	9.57E-01	0.00E+00	0.00E+00	6.27E-01	3.59E-07	2.84E-03	3.12E-02	0.00E+00	0.00E+00	1.68E-11	3.25E-10	2.34E-03	0.00E+00	0.00E+00	0.00E+00	8.45E-05	3.37E-02	1.33E+01	0.00E+00	1.47E-09	4.91E-08	7.87E-03	2.38E-05	1.78E-02	0.00E+00	1.33E+01	3.76E-08	1.33E+01	1.34E+01	1.78E-02	0.00E+00	0.00E+00	0.00E+00	3.63E-03
U-A2LTHU602280	6.83E-03	1.08E+00	0.00E+00	1.08E+00	0.00E+00	0.00E+00	7.10E-01	4.07E-07	3.22E-03	3.53E-02	0.00E+00	0.00E+00	1.91E-11	3.68E-10	2.64E-03	0.00E+00	0.00E+00	0.00E+00	9.61E-05	3.81E-02	1.51E+01	0.00E+00	1.67E-09	5.57E-08	8.93E-03	2.71E-05	2.02E-02	0.00E+00	1.51E+01	4.26E-08	1.51E+01	1.52E+01	2.02E-02	0.00E+00	0.00E+00	0.00E+00	4.14E-03
U-A2SA6523	6.47E-03	1.02E+00	0.00E+00	1.02E+00	0.00E+00	0.00E+00	6.64E-01	3.84E-07	3.04E-03	3.31E-02	0.00E+00	0.00E+00	1.79E-11	3.46E-10	2.48E-03	0.00E+00	0.00E+00	0.00E+00	9.01E-05	3.56E-02	1.43E+01	0.00E+00	1.56E-09	5.24E-08	8.37E-03	2.55E-05	1.91E-02	0.00E+00	1.43E+01	4.01E-08	1.43E+01	1.43E+01	1.91E-02	0.00E+00	0.00E+00	0.00E+00	3.85E-03
U-A2SA6527	7.64E-03	1.20E+00	0.00E+00	1.20E+00	0.00E+00	0.00E+00	7.91E-01	4.53E-07	3.58E-03	3.94E-02	0.00E+00	0.00E+00	2.12E-11	4.10E-10	2.94E-03	0.00E+00	0.00E+00	0.00E+00	1.07E-04	4.23E-02	1.69E+01	0.00E+00	1.85E-09	6.23E-08	9.90E-03	3.01E-05	2.25E-02	0.00E+00	1.69E+01	4.75E-08	1.69E+01	1.69E+01	2.25E-02	0.00E+00	0.00E+00	0.00E+00	4.59E-03
U-A2SA6534	6.49E-03	1.02E+00	0.00E+00	1.02E+00	0.00E+00	0.00E+00	6.66E-01	3.85E-07	3.05E-03	3.33E-02	0.00E+00	0.00E+00	1.80E-11	3.48E-10	2.49E-03	0.00E+00	0.00E+00	0.00E+00	9.04E-05	3.57E-02	1.43E+01	0.00E+00	1.57E-09	5.26E-08	8.41E-03	2.56E-05	1.91E-02	0.00E+00	1.43E+01	4.03E-08	1.43E+01	1.43E+01	1.91E-02	0.00E+00	0.00E+00	0.00E+00	3.88E-03
U-A2SA6538	1.16E-02	1.85E+00	0.00E+00	1.85E+00	0.00E+00	0.00E+00	1.20E+00	6.94E-07	5.47E-03	6.00E-02	0.00E+00	0.00E+00	3.30E-11	6.34E-10	4.44E-03	0.00E+00	0.00E+00	0.00E+00	1.66E-04	6.56E-02	2.57E+01	0.00E+00	2.90E-09	9.50E-08	1.54E-02	4.64E-05	3.45E-02	0.00E+00	2.57E+01	7.25E-08	2.57E+01	2.63E+01	3.45E-02	0.00E+00	0.00E+00	0.00E+00	7.21E-03
U-A2SA8523	6.45E-03	1.01E+00	0.00E+00	1.01E+00	0.00E+00	0.00E+00	6.62E-01	3.81E-07	3.02E-03	3.29E-02	0.00E+00	0.00E+00	1.78E-11	3.44E-10	2.47E-03	0.00E+00	0.00E+00	0.00E+00	8.94E-05	3.55E-02	1.42E+01	0.00E+00	1.55E-09	5.23E-08	8.30E-03	2.53E-05	1.89E-02	0.00E+00	1.42E+01	3.98E-08	1.42E+01	1.41E+01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	3.84E-03
U-A2SA8527	7.64E-03	1.20E+00	0.00E+00	1.20E+00	0.00E+00	0.00E+00	7.91E-01	4.53E-07	3.58E-03	3.94E-02	0.00E+00	0.00E+00	2.12E-11	4.10E-10	2.94E-03	0.00E+00	0.00E+00	0.00E+00	1.07E-04	4.23E-02	1.69E+01	0.00E+00	1.85E-09	6.23E-08	9.90E-03	3.01E-05	2.25E-02	0.00E+00	1.69E+01	4.75E-08	1.69E+01	1.69E+01	2.25E-02	0.00E+00	0.00E+00	0.00E+00	4.59E-03
U-A2SA8534	6.96E-03	1.10E+00	0.00E+00	1.10E+00	0.00E+00	0.00E+00	7.20E-01	4.11E-07	3.26E-03	3.57E-02	0.00E+00	0.00E+00	1.92E-11	3.75E-10	2.67E-03	0.00E+00	0.00E+00	0.00E+00	9.68E-05	3.84E-02	1.53E+01	0.00E+00	1.68E-09	5.67E-08	9.06E-03	2.73E-05	2.04E-02	0.00E+00	1.53E+01	4.31E-08	1.53E+01	1.53E+01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	4.16E-03
U-A2SA8538	7.23E-03	1.14E+00	0.00E+00	1.14E+00	0.00E+00	0.00E+00	7.46E-01	4.28E-07	3.39E-03	3.73E-02	0.00E+00	0.00E+00	2.00E-11	3.88E-10	2.77E-03	0.00E+00	0.00E+00	0.00E+00	1.01E-04	3.99E-02	1.59E+01	0.00E+00	1.75E-09	5.88E-08	9.38E-03	2.85E-05	2.13E-02	0.00E+00	1.59E+01	4.48E-08	1.59E+01	1.60E+01	2.13E-02	0.00E+00	0.00E+00	0.00E+00	4.31E-03
U-A2SAH12	3.50E-03	5.53E-01	0.00E+00	5.53E-01	0.00E+00	0.00E+00	3.61E-01	2.09E-07	1.65E-03	1.81E-02	0.00E+00	0.00E+00	9.73E-12	1.88E-10	1.35E-03	0.00E+00	0.00E+00	0.00E+00	4.92E-05	1.94E-02	7.74E+00	0.00E+00	8.52E-10	2.83E-08	4.56E-03	1.38E-05	1.03E-02	0.00E+00	7.74E+00	2.17E-08	7.74E+00	7.77E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	2.08E-03
U-A2SAH16	4.18E-03	6.61E-01	0.00E+00	6.61E-01	0.00E+00	0.00E+00	4.32E-01	2.48E-07	1.96E-03	2.15E-02	0.00E+00	0.00E+00	1.16E-11	2.25E-10	1.61E-03	0.00E+00	0.00E+00	0.00E+00	5.82E-05	2.33E-02	9.30E+00	0.00E+00	1.02E-09	3.39E-08	5.42E-03	1.66E-05	1.23E-02	0.00E+00	9.30E+00	2.59E-08	9.30E+00	9.24E+00	1.23E-02	0.00E+00	0.00E+00	0.00E+00	2.50E-03
U-A2SAH20	4.33E-03	6.81E-01	0.00E+00	6.81E-01	0.00E+00	0.00E+00	4.45E-01	2.55E-07	2.02E-03	2.22E-02	0.00E+00	0.00E+00	1.19E-11	2.31E-10	1.66E-03	0.00E+00	0.00E+00	0.00E+00	5.99E-05	2.40E-02	9.61E+00	0.00E+00	1.05E-09	3.48E-08	5.59E-03	1.71E-05	1.26E-02	0.00E+00	9.61E+00	2.65E-08	9.61E+00	9.56E+00	1.26E-02	0.00E+00	0.00E+00	0.00E+00	2.57E-03
U-A2SAH24	5.30E-03	8.38E-01	0.00E+00	8.38E-01	0.00E+00	0.00E+00	5.48E-01	3.14E-07	2.49E-03	2.75E-02	0.00E+00	0.00E+00	1.48E-11	2.85E-10	2.04E-03	0.00E+00	0.00E+00	0.00E+00	7.42E-05	2.93E-02	1.17E+01	0.00E+00	1.29E-09	4.30E-08	6.87E-03	2.09E-05	1.56E-02	0.00E+00	1.17E+01	3.29E-08	1.17E+01	1.17E+01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	3.14E-03
U-A2SAH28	5.54E-03	8.76E-01	0.00E+00	8.76E-01	0.00E+00	0.00E+00	5.69E-01	3.28E-07	2.59E-03	2.84E-02	0.00E+00	0.00E+00	1.54E-11	2.95E-10	2.12E-03	0.00E+00	0.00E+00	0.00E+00	7.71E-05	3.03E-02	1.21E+01	0.00E+00	1.34E-09	4.46E-08	7.15E-03	2.17E-05	1.62E-02	0.00E+00	1.21E+01	3.43E-08	1.21E+01	1.22E+01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	3.27E-03
U-A2SAH32	6.38E-03	1.01E+00	0.00E+00	1.01E+00	0.00E+00	0.00E+00	6.60E-01	3.78E-07	2.99E-03	3.28E-02	0.00E+00	0.00E+00	1.77E-11	3.42E-10	2.45E-03	0.00E+00	0.00E+00	0.00E+00	8.93E-05	3.53E-02	1.41E+01	0.00E+00	1.54E-09	5.20E-08	8.29E-03	2.52E-05	1.87E-02	0.00E+00	1.41E+01	3.97E-08	1.41E+01	1.41E+01	1.87E-02	0.00E+00	0.00E+00	0.00E+00	3.84E-03
U-A2SAH36	6.83E-03	1.08E+00	0.00E+00	1.08E+00	0.00E+00	0.00E+00	7.09E-01	4.06E-07	3.20E-03	3.52E-02	0.00E+00	0.00E+00	1.90E-11	3.67E-10	2.64E-03	0.00E+00	0.00E+00	0.00E+00	9.59E-05	3.81E-02	1.51E+01	0.00E+00	1.66E-09	5.57E-08	8.90E-03	2.71E-05	2.01E-02	0.00E+00	1.51E+01	4.26E-08	1.51E+01	1.51E+01	2.01E-02	0.00E+00	0.00E+00	0.00E+00

U-A3M10822	2.09E-02	3.17E+00	0.00E+00	3.17E+00	0.00E+00	0.00E+00	2.11E+00	1.19E-06	9.56E-03	1.09E-01	0.00E+00	0.00E+00	5.73E-11	1.11E-09	8.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04	1.10E-01	4.58E+01	0.00E+00	5.06E-09	1.59E-07	2.61E-02	8.02E-05	6.25E-02	0.00E+00	4.58E+01	1.27E-07	4.58E+01	4.64E+01	6.25E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-02
U-A3M45620	7.79E-03	1.22E+00	0.00E+00	1.22E+00	0.00E+00	0.00E+00	8.07E-01	4.60E-07	3.64E-03	3.99E-02	0.00E+00	0.00E+00	2.16E-11	4.18E-10	3.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	4.31E-02	1.72E+01	0.00E+00	1.88E-09	6.34E-08	1.01E-02	3.08E-05	2.28E-02	0.00E+00	1.72E+01	4.84E-08	1.72E+01	1.71E+01	2.28E-02	0.00E+00	0.00E+00	0.00E+00	4.68E-03
U-A3M45622	8.28E-03	1.30E+00	0.00E+00	1.30E+00	0.00E+00	0.00E+00	8.51E-01	4.88E-07	3.86E-03	4.24E-02	0.00E+00	0.00E+00	2.29E-11	4.43E-10	3.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	4.57E-02	1.82E+01	0.00E+00	1.99E-09	6.67E-08	1.07E-02	3.26E-05	2.42E-02	0.00E+00	1.82E+01	5.12E-08	1.82E+01	1.82E+01	2.42E-02	0.00E+00	0.00E+00	0.00E+00	4.96E-03
U-A3M45820	8.98E-03	1.42E+00	0.00E+00	1.42E+00	0.00E+00	0.00E+00	9.37E-01	5.32E-07	4.22E-03	4.66E-02	0.00E+00	0.00E+00	2.50E-11	4.82E-10	3.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	4.99E-02	1.98E+01	0.00E+00	2.16E-09	7.27E-08	1.16E-02	3.56E-05	2.64E-02	0.00E+00	1.98E+01	5.59E-08	1.98E+01	1.97E+01	2.64E-02	0.00E+00	0.00E+00	0.00E+00	5.40E-03
U-A3M45822	9.21E-03	1.46E+00	0.00E+00	1.46E+00	0.00E+00	0.00E+00	9.59E-01	5.46E-07	4.32E-03	4.82E-02	0.00E+00	0.00E+00	2.58E-11	4.99E-10	3.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	5.13E-02	2.04E+01	0.00E+00	2.24E-09	7.47E-08	1.20E-02	3.68E-05	2.72E-02	0.00E+00	2.04E+01	5.79E-08	2.04E+01	2.04E+01	2.72E-02	0.00E+00	0.00E+00	0.00E+00	5.53E-03
U-A3M60620	1.00E-02	1.58E+00	0.00E+00	1.58E+00	0.00E+00	0.00E+00	1.04E+00	5.92E-07	4.70E-03	5.17E-02	0.00E+00	0.00E+00	2.78E-11	5.38E-10	3.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	5.58E-02	2.20E+01	0.00E+00	2.43E-09	8.10E-08	1.30E-02	3.98E-05	2.95E-02	0.00E+00	2.20E+01	6.27E-08	2.20E+01	2.21E+01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	6.03E-03
U-A3M60622	1.00E-02	1.58E+00	0.00E+00	1.58E+00	0.00E+00	0.00E+00	1.04E+00	5.92E-07	4.70E-03	5.17E-02	0.00E+00	0.00E+00	2.78E-11	5.38E-10	3.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	5.58E-02	2.20E+01	0.00E+00	2.43E-09	8.10E-08	1.30E-02	3.98E-05	2.95E-02	0.00E+00	2.20E+01	6.27E-08	2.20E+01	2.21E+01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	6.03E-03
U-A3M60820	1.21E-02	1.91E+00	0.00E+00	1.91E+00	0.00E+00	0.00E+00	1.24E+00	7.15E-07	5.68E-03	6.21E-02	0.00E+00	0.00E+00	3.42E-11	6.49E-10	4.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	6.81E-02	2.67E+01	0.00E+00	2.98E-09	9.88E-08	1.57E-02	4.79E-05	3.56E-02	0.00E+00	2.67E+01	7.47E-08	2.67E+01	2.70E+01	3.56E-02	0.00E+00	0.00E+00	0.00E+00	7.50E-03
U-A3M60822	1.21E-02	1.91E+00	0.00E+00	1.91E+00	0.00E+00	0.00E+00	1.24E+00	7.15E-07	5.67E-03	6.21E-02	0.00E+00	0.00E+00	3.42E-11	6.49E-10	4.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	6.80E-02	2.67E+01	0.00E+00	2.98E-09	9.87E-08	1.57E-02	4.79E-05	3.56E-02	0.00E+00	2.67E+01	7.47E-08	2.67E+01	2.70E+01	3.56E-02	0.00E+00	0.00E+00	0.00E+00	7.50E-03
U-A3M80620	1.48E-02	2.28E+00	0.00E+00	2.28E+00	0.00E+00	0.00E+00	1.50E+00	8.42E-07	6.66E-03	7.50E-02	0.00E+00	0.00E+00	4.04E-11	7.56E-10	5.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	8.14E-02	3.24E+01	0.00E+00	3.48E-09	1.17E-07	1.84E-02	5.68E-05	4.31E-02	0.00E+00	3.24E+01	8.76E-08	3.24E+01	3.25E+01	4.31E-02	0.00E+00	0.00E+00	0.00E+00	8.70E-03
U-A3M80622	1.64E-02	2.51E+00	0.00E+00	2.51E+00	0.00E+00	0.00E+00	1.65E+00	9.31E-07	7.42E-03	8.24E-02	0.00E+00	0.00E+00	4.42E-11	8.35E-10	6.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	8.98E-02	3.55E+01	0.00E+00	3.80E-09	1.29E-07	2.09E-02	6.22E-05	4.88E-02	0.00E+00	3.55E+01	9.89E-08	3.55E+01	3.63E+01	4.88E-02	0.00E+00	0.00E+00	0.00E+00	9.54E-03
U-A3M80820	1.69E-02	2.65E+00	0.00E+00	2.65E+00	0.00E+00	0.00E+00	1.69E+00	9.88E-07	7.84E-03	8.57E-02	0.00E+00	0.00E+00	4.63E-11	8.95E-10	6.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	9.54E-02	3.75E+01	0.00E+00	4.01E-09	1.33E-07	2.18E-02	6.55E-05	5.13E-02	0.00E+00	3.75E+01	1.04E-07	3.75E+01	3.79E+01	5.13E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-02
U-A3M80822	1.89E-02	2.93E+00	0.00E+00	2.93E+00	0.00E+00	0.00E+00	1.88E+00	1.09E-06	8.60E-03	9.73E-02	0.00E+00	0.00E+00	5.11E-11	9.99E-10	7.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	1.04E-01	4.15E+01	0.00E+00	4.48E-09	1.49E-07	2.41E-02	7.31E-05	5.64E-02	0.00E+00	4.15E+01	1.15E-07	4.15E+01	4.21E+01	5.64E-02	0.00E+00	0.00E+00	0.00E+00	1.12E-02
U-A3TSE110620	2.03E-02	3.11E+00	0.00E+00	3.11E+00	0.00E+00	0.00E+00	2.03E+00	1.17E-06	9.27E-03	1.04E-01	0.00E+00	0.00E+00	5.48E-11	1.05E-09	8.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	1.09E-01	4.44E+01	0.00E+00	4.75E-09	1.58E-07	2.55E-02	7.87E-05	6.01E-02	0.00E+00	4.44E+01	1.22E-07	4.44E+01	4.45E+01	6.01E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-02
U-A3TSE110622	2.63E-02	4.38E+00	0.00E+00	4.38E+00	0.00E+00	0.00E+00	2.89E+00	1.66E-06	1.33E-02	1.43E-01	0.00E+00	0.00E+00	7.74E-11	1.50E-09	1.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04	1.56E-01	6.27E+01	0.00E+00	6.78E-09	2.20E-07	3.66E-02	1.11E-04	8.30E-02	0.00E+00	6.27E+01	1.73E-07	6.27E+01	6.45E+01	8.30E-02	0.00E+00	0.00E+00	0.00E+00	1.71E-02
U-A3TSE60620	1.00E-02	1.58E+00	0.00E+00	1.58E+00	0.00E+00	0.00E+00	1.03E+00	5.83E-07	4.66E-03	5.14E-02	0.00E+00	0.00E+00	2.76E-11	5.34E-10	3.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	5.54E-02	2.18E+01	0.00E+00	2.42E-09	8.03E-08	1.29E-02	3.92E-05	2.91E-02	0.00E+00	2.18E+01	6.21E-08	2.18E+01	2.18E+01	2.91E-02	0.00E+00	0.00E+00	0.00E+00	5.98E-03
U-A3TSE60622	1.01E-02	1.57E+00	0.00E+00	1.57E+00	0.00E+00	0.00E+00	1.04E+00	5.91E-07	4.66E-03	5.17E-02	0.00E+00	0.00E+00	2.78E-11	5.38E-10	3.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	5.56E-02	2.20E+01	0.00E+00	2.43E-09	8.11E-08	1.30E-02	3.96E-05	2.94E-02	0.00E+00	2.20E+01	6.25E-08	2.20E+01	2.20E+01	2.94E-02	0.00E+00	0.00E+00	0.00E+00	6.02E-03
U-AB100	1.09E-03	1.73E-01	0.00E+00	1.73E-01	0.00E+00	0.00E+00	1.14E-01	6.47E-08	5.12E-04	5.64E-03	0.00E+00	0.00E+00	3.03E-12	5.89E-11	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05	6.06E-03	2.41E+00	0.00E+00	2.66E-10	8.94E-09	1.42E-03	4.32E-06	3.20E-03	0.00E+00	2.41E+00	6.81E-09	2.41E+00	2.41E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	6.55E-04
U-AB1200X100	2.02E-03	3.16E-01	0.00E+00	3.16E-01	0.00E+00	0.00E+00	2.09E-01	1.18E-07	9.38E-04	1.03E-02	0.00E+00	0.00E+00	5.55E-12	1.08E-10	7.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-05	1.11E-02	4.41E+00	0.00E+00	4.84E-10	1.63E-08	2.61E-03	7.94E-06	5.88E-03	0.00E+00	4.41E+00	1.24E-08	4.41E+00	4.44E+00	5.88E-03	0.00E+00	0.00E+00	0.00E+00	1.20E-03
U-AB1200X50	1.35E-03	2.14E-01	0.00E+00	2.14E-01	0.00E+00	0.00E+00	1.41E-01	8.00E-08	6.33E-04	6.96E-03	0.00E+00	0.00E+00	3.76E-12	7.27E-11	5.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-05	7.51E-03	2.98E+00	0.00E+00	3.27E-10	1.10E-08	1.76E-03	5.35E-06	3.97E-03	0.00E+00	2.98E+00	8.42E-09	2.98E+00	2.99E+00	3.97E-03	0.00E+00	0.00E+00	0.00E+00	8.13E-04
U-AB1300X100	2.48E-03	3.83E-01	0.00E+00	3.83E-01	0.00E+00	0.00E+00	2.53E-01	1.41E-07	1.11E-03	1.23E-02	0.00E+00	0.00E+00	6.67E-12	1.30E-10	9.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-05	1.33E-02	5.32E+00	0.00E+00	5.82E-10	1.96E-08	3.14E-03	9.61E-06	7.02E-03	0.00E+00	5.32E+00	1.48E-08	5.32E+00	5.33E+00	7.02E-03	0.00E+00	0.00E+00	0.00E+00	1.46E-03
U-AB1300X50	1.42E-03	2.23E-01	0.00E+00	2.23E-01	0.00E+00	0.00E+00	1.47E-01	8.37E-08	6.65E-04	7.27E-03	0.00E+00	0.00E+00	3.92E-12	7.59E-11	5.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	7.86E-03	3.12E+00	0.00E+00	3.42E-10	1.15E-08	1.84E-03	5.59E-06	4.16E-03	0.00E+00	3.12E+00	8.81E-09	3.12E+00	3.12E+00	4.16E-03	0.00E+00	0.00E+00	0.00E+00	8.53E-04
U-AB150	1.42E-03	2.23E-01	0.00E+00	2.23E-01	0.00E+00	0.00E+00	1.47E-01	8.39E-08	6.65E-04	7.28E-03	0.00E+00	0.00E+00	3.93E-12	7.60E-11	5.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05	7.89E-03	3.13E+00	0.00E+00	3.42E-10	1.16E-08	1.84E-03	5.59E-06	4.17E-03	0.00E+00	3.13E+00	8.82E-09	3.13E+00	3.12E+00	4.17E-03	0.00E+00	0.00E+00	0.00E+00	8.54E-04
U-AB200	1.72E-03	2.70E-01	0.00E+00	2.70E-01	0.00E+00	0.00E+00	1.78E-01	1.02E-07	8.05E-04	8.84E-03	0.00E+00	0.00E+00	4.76E-12	9.23E-11	6.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05	9.56E-03	3.78E+00	0.00E+00	4.15E-10	1.40E-08	2.22E-03	6.77E-06	5.05E-03	0.00E+00	3.78E+00	1.07E-08	3.78E+00	3.78E+00	5.05E-03	0.00E+00	0.00E+00	0.00E+00	1.03E-03
U-AB300	2.63E-03	4.10E-01	0.00E+00	4.10E-01	0.00E+00	0.00E+00	2.76E-01	1.56E-07	1.25E-03	1.36E-02	0.00E+00	0.00E+00	7.40E-12	1.45E-10	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-05	1.49E-02	5.81E+00	0.00E+00	6.36E-10	2.16E-08	3.42E-03	1.06E-05	7.79E-03	0.00E+00	5.81E+00	1.65E-08	5.81E+00	5.79E+00	7.79E-03	0.00E+00	0.00E+00	0.00E+00	1.59E-03
U-AB50	6.99E-04	1.11E-01	0.00E+00	1.11E-01	0.00E+00	0.00E+00	7.28E-02	4.19E-08	3.30E-04	3.59E-03	0.00E+00	0.00E+00	1.96E-12	3.76E-11	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-06	3.89E-03	1.56E+00	0.00E+00	1.70E-10	5.67E-09	9.14E-04	2.79E-06	2.08E-03	0.00E+00	1.56E+00	4.35E-09	1.56E+00	1.55E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	4.20E-04
U-AB75	8.98E-04	1.41E-01	0.00E+00	1.41E-01	0.00E+00	0.00E+00	9.30E-02	5.31E-08	4.20E-04	4.61E-03	0.00E+00	0.00E+00	2.48E-12	4.81E-11	3.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05	4.96E-03	1.98E+00	0.00E+00	2.17E-10	7.31E-09	1.16E-03	3.53E-06	2.64E-03	0.00E+00	1.98E+00	5.57E-09	1.98E+00	1.98E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	5.38E-04
U-ABCG100	1.58E-03	2.50E-01	0.00E+00	2.50E-01	0.00E+00	0.00E+00	1.64E-01	9.39E-08	7.44E-04	8.16E-03	0.00E+00	0.00E+00	4.40E-12	8.50E-11	6.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05	8.75E-03	3.49E+00	0.00E+00	3.84E-10	1.29E-08	2.05E-03	6.26E-06	4.66E-03	0.00E+00	3.49E+00	9.85E-09	3.49E+00	3.50E+00	4.66E-03	0.00E+00	0.00E+00	0.00E+00	9.49E-04
U-ABCG150	1.69E-03	2.99E-01	0.00E+00	2.99E-01	0.00E+00	0.00E+00	1.96E-01	1.12E-07	8.90E-04	9.78E-03	0.00E+00	0.00E+00	5.28E-12	1.02E-10	7.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-05	1.05E-02	4.18E+00	0.00E+00	4.59E-10	1.54E-08	2.46E-03	7.51E-06	5.57E-03	0.00E+00	4.18E+00	1.18E-08	4.18E+00	4.19E+00	5.57E-03	0.00E+00	0.00E+00	0.00E+00	1.13E-03
U-ABCG200	2.58E-03	4.04E-01	0.00E+00	4.04E-01	0.00E+00	0.00E+00	2.67E-01	1.51E-07	1.20E-03	1.31E-02	0.00E+00	0.00E+00	7.15E-12	1.38E-10	9.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-05	1.43E-02	5.66E+00	0.00E+00	6.19E-10	2.12E-08	3.31E-03	1.01E-05	7.56E-03	0.00E+00	5.66E+00	1.58E-08	5.66E+00	5.66E+00	7.56E-03	0.00E+00	0.00E+00	0.00E+00	1.56E-03
U-ABCG300	3.11E-03	4.89E-01	0.00E+00	4.89E-01	0.00E+00	0.00E+00	3.20E-01	1.84E-07	1.46E-03	1.59E-02	0.00E+00	0.00E+00	8.61E-12	1.67E-10	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05	1.72E-02	6.84E+00	0.00E+00	7.47E-10	2.53E-08	4.01E-03	1.23E-05	9.11E-03	0.00E+00	6.84E+00	1.92E-08	6.84E+00	6.86E+00	9.11E-03	0.00E+00	0.00E+00	0.00E+00	1.86E-03
U-ABCG50	1.25E-03	1.98E-01	0.00E+00	1.98E-01	0.00E+00	0.00E+00	1.30E-01	7.42E-08	5.89E-04	6.47E-03	0.00E+00	0.00E+00	3.49E-12	6.75E-11	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05	6.97E-03	2.76E+00	0.00E+00	3.04E-10	1.02E-08	1.63E-03	4.95E-06	3.69E-03	0.00E+00	2.76E+00	7.81E-09	2.76E+00	2.77E+00	3.69E-03	0.00E+00	0.00E+00	0.00E+00	7.52E-04
U-ABCG75	1.42E-03	2.23E-01	0.00E+00	2.23E-01	0.00E+00	0.00E+00	1.47E-01	8.38E-08	6.67E-04	7.29E-03	0.00E+00	0.00E+00	3.93E-12	7.61E-11	5.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05	7.89E-03	3.13E+00	0.00E+00	3.43E-10	1.16E-08	1.84E-03	5.60E-06	4.17E-03	0.00E+00	3.13E+00	8.84E-09	3.13E+00	3.13E+00	4.17E-03	0.00E+00	0.00E+00	0.00E+00	8.55E-04
U-ABCK100	1.58E-03	2.50E-01	0.00E+00	2.50E-01	0.00E+00	0.00E+00	1.64E-01	9.39E-08	7.44E-04	8.16E-03	0.00E+00	0.00E+00	4.40E-12	8.50E-11	6.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05	8.75E-03	3.49E+00	0.00E+00	3.84E-10	1.29E-08	2.05E-03	6.26E-06	4.66E-03	0.00E+00	3.49E+00	9.85E-09	3.49E+00	3.50E+00	4.66E-03	0.00E+00	0.00E+00	0.00E+00	9.49E-04
U-ABCK150	1.69E-03	2.99E-01	0.00E+00	2.99E-01	0.00E+00	0.00E+00	1.96E-01	1.12E-07	8.90E-04	9.78E-03	0.00E+00	0.00E+00	5.28E-12	1.02E-10	7.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-05	1.05E-02	4.18E+00	0.00E+00	4.59E-10	1.54E-08	2.46E-03	7.51E-06	5.57E-03	0.00E+00	4.18E+00	1.18E-08	4.18E+00	4.19E+00	5.57E-03	0.00E+00	0.00E+00	0.00E+00	1.13E-03
U-ABCK200	2.09E-03	3.26E-01	0.00E+00	3.26E-01	0.00E+00	0.00E+00	2.16E-01	1.22E-07	9.71E-04	1.07E-02	0.00E+00	0.00E+00	5.74E-12	1.11E-10	7.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-05	1.15E-02	4.57E+00	0.00E+00	5.00E-10	1.69E-08	2.70E-03	8.21E-06	6.10E-03	0.00E+00	4.57E+00	1.28E-08	4.57E+00	4.58E+00	6.10E-03	0.00E+00	0.00E+00	0.00E+00	1.25E-03
U-ABCK300	2.85E-03	4.48E-01	0.00E+00	4.48E-01	0.00E+00	0.00E+00	2.95E-01	1.70E-07	1.34E-03	1.47E-02	0.00E+00	0.00E+00	7.92E-12	1.53E-10	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05	1.57E-02	6.32E+00	0.00E+00	6.88E-10	2.32E-08	3.70E-03	1.13E-05	8.44E-03	0.00E+00	6.32E+00	1.76E-08	6.32E+00	6.30E+00	8.44E-03	0.00E+00	0.00E+00	0.00E+00	1.70E-03
U-ABCK50	1.25E-03	1.98E-01	0.00E+00	1.98E-01	0.00E+00	0.00E+00	1.30E-01	7.42E-08	5.89E-04	6.47E-03	0.00E+00	0.00E+00	3.49E-12	6.75E-11	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05	6.97E-03	2.76E+00	0.00E+00	3.04E-10	1.02E-08	1.63E-03	4.95E-06	3.69E-03	0.00E+00	2.76E+00	7.81E-09	2.76E+00	2.77E+00	3.69E-03	0.00E+00	0.00E+00	0.00E+00	7.52E-04
U-ABCK75	1.36E-03	2.14E-01	0.00E+00	2.14E-01	0.00E+00	0.00E+00	1.41E-01	8.02E-08	6.37E-04	6.97E-03	0.00E+00	0.00E+00	3.77E-12	7.28E-11	5.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	7.53E-03	2.98E+00	0.00E+00	3.28E-10	1.11E-08	1.76E-03	5.36E-06	3.98E-03	0.00E+00	2.98E+00	8.45E-09	2.98E+00	2.99E+00	3.98E-03	0.00E+00	0.00E+00	0.00E+00	8.15E-04
U-ABK100	9.08E-04	1.44E-01	0.00E+00	1.44E-01	0.00E+00	0.00E+00	9.39E-02	5.41E-08	4.29E-04	4.70E-03	0.00E+00	0.00E+00	2.53E-12	4.89E-11	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05	5.02E-03	2.02E+00	0.00E+00	2.21E-10	7.39E-09	1.19E-03	3.60E-06	2.69E-03	0.00E+00	2.02E+00	5.68E-09	2.02E+00	2.02E+00	2.69E-03	0.00E+00	0.00E+00	0.00E+00	5.43E-04
U-ABK150	1.35E-03	2.12E-01	0.00E+00	2.12E-01	0.00E+00	0.00E+00	1.40E-01	7.95E-08	6.30E-04	6.91E-03	0.00E+00	0.00E+00	3.74E-12	7.23E-11	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-05	7.49E-03	2.96E+00	0.00E+00	3.26E-10	1.10E-08	1.75E-03	5.31E-06	3.95E-03	0.00E+00	2.96E+00	8.37E-09	2.96E+00	2.97E+00	3.95E-03	0.00E+00	0.00E+00	0.00E+00	8.10E-04
U-ABK200	1.66E-03	2.62E-01	0.00E+00	2.62E-01	0.00E+00	0.00E+00	1.72E-01	9.85E-08	7.81E-04	8.56E-03	0.00E+00	0.00E+00	4.62E-12	8.94E-11	6.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-05	9.25E-03	3.67E+00	0.00E+00	4.03E-10	1.35E-08	2.16E-03	6.57E-06	4.89E-03	0.00E+00	3.67E+00	1.03E-08	3.67E+00	3.67E+00	4.89E-03	0.00E+00	0.00E+00	0.00E+00	9.97E-04
U-ABK300	2.44E-03	3.74E-01	0.00E+00	3.74E-01	0.00E+00	0.00E+00	2.53E-01	1.41E-07	1.11E-03	1.22E-02	0.00E+00	0.00E+00	6.64E-12	1.30E-10	9.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-05	1.33E-02	5.24E+00	0.00E+00	5.75E-10	1.96E-08	3.09E-03	9.51E-06	7.00E-03	0.00E+00	5.24E+00	1.48E-08	5.24E+00	5.25E+00	7.00E-03	0.00E+00	0.00E+00	0.00E+00	1.46E-03
U-ABK50	6.73E-04	1.06E-01	0.00E+00	1.06E-01	0.00E+00	0.00E+00	6.99E-02	3.98E-08	3.15E-04	3.44E-03	0.00E+00	0.00E+00	1.86E-12	3.60E-11	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-06	3.71E-03	1.48E+00	0.00E+00	1.62E-10	5.47E-09	8.70E-04	2.65E-06	1.97E-03	0.00E+00	1.48E+00	4.17E-09	1.48E+00	1.48E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	4.02E-04
U-ABK75	8.60E-04	1.35E-01	0.00E+00	1.35E-01	0.00E+00	0.00E+00	8.92E-02	5.08E-08	4.02E-04	4.40E-03	0.00E+00	0.00E+00	2.38E-12	4.60E-11	3.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-05	4.76E-03	1.89E+00	0.00E+00	2.07E-10	7.01E-09	1.11E-03	3.38E-06	2.52E-03	0.00E+00	1.89E+00	5.32E-09	1.89E+00	1.89E+00	2.52E-03	0.00E+00	0.00E+00	0.00E+00	5.16

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U-AM453TB160-3	1.17E-02	7.16E-01	0.00E+00	7.16E-01	0.00E+00	0.00E+00	1.30E+00	3.39E-07	3.34E-03	4.17E-02	0.00E+00	0.00E+00	1.34E-11	3.51E-10	3.62E-03	0.00E+00	0.00E+00	0.00E+00	7.59E-05	2.13E-02	1.42E+01	0.00E+00	1.52E-09	5.13E-08	8.55E-03	1.17E-05	2.62E-02	0.00E+00	1.42E+01	2.54E-08	1.42E+01	6.82E+00	2.62E-02	0.00E+00	0.00E+00	0.00E+00	3.74E-03
U-AM453TB250-3	1.17E-02	7.16E-01	0.00E+00	7.16E-01	0.00E+00	0.00E+00	1.30E+00	3.39E-07	3.34E-03	4.17E-02	0.00E+00	0.00E+00	1.34E-11	3.51E-10	3.62E-03	0.00E+00	0.00E+00	0.00E+00	7.59E-05	2.13E-02	1.42E+01	0.00E+00	1.52E-09	5.13E-08	8.55E-03	1.17E-05	2.62E-02	0.00E+00	1.42E+01	2.54E-08	1.42E+01	6.82E+00	2.62E-02	0.00E+00	0.00E+00	0.00E+00	3.74E-03
U-AM453TBH125-3	1.17E-02	7.16E-01	0.00E+00	7.16E-01	0.00E+00	0.00E+00	1.30E+00	3.39E-07	3.34E-03	4.17E-02	0.00E+00	0.00E+00	1.34E-11	3.51E-10	3.62E-03	0.00E+00	0.00E+00	0.00E+00	7.59E-05	2.13E-02	1.42E+01	0.00E+00	1.52E-09	5.13E-08	8.55E-03	1.17E-05	2.62E-02	0.00E+00	1.42E+01	2.54E-08	1.42E+01	6.82E+00	2.62E-02	0.00E+00	0.00E+00	0.00E+00	3.74E-03
U-AM453TBS125-3	1.17E-02	7.16E-01	0.00E+00	7.16E-01	0.00E+00	0.00E+00	1.30E+00	3.39E-07	3.34E-03	4.17E-02	0.00E+00	0.00E+00	1.34E-11	3.51E-10	3.62E-03	0.00E+00	0.00E+00	0.00E+00	7.59E-05	2.13E-02	1.42E+01	0.00E+00	1.52E-09	5.13E-08	8.55E-03	1.17E-05	2.62E-02	0.00E+00	1.42E+01	2.54E-08	1.42E+01	6.82E+00	2.62E-02	0.00E+00	0.00E+00	0.00E+00	3.74E-03
U-AM454TB160-4	1.18E-02	7.30E-01	0.00E+00	7.30E-01	0.00E+00	0.00E+00	1.31E+00	3.40E-07	3.38E-03	4.22E-02	0.00E+00	0.00E+00	1.36E-11	3.56E-10	3.65E-03	0.00E+00	0.00E+00	0.00E+00	7.72E-05	2.19E-02	1.44E+01	0.00E+00	1.54E-09	5.21E-08	8.67E-03	1.21E-05	2.65E-02	0.00E+00	1.44E+01	2.59E-08	1.44E+01	7.02E+00	2.65E-02	0.00E+00	0.00E+00	0.00E+00	3.80E-03
U-AM454TB250-4	1.18E-02	7.30E-01	0.00E+00	7.30E-01	0.00E+00	0.00E+00	1.31E+00	3.40E-07	3.38E-03	4.22E-02	0.00E+00	0.00E+00	1.36E-11	3.56E-10	3.65E-03	0.00E+00	0.00E+00	0.00E+00	7.72E-05	2.19E-02	1.44E+01	0.00E+00	1.54E-09	5.21E-08	8.67E-03	1.21E-05	2.65E-02	0.00E+00	1.44E+01	2.59E-08	1.44E+01	7.02E+00	2.65E-02	0.00E+00	0.00E+00	0.00E+00	3.80E-03
U-AM454TBH125-4	1.18E-02	7.30E-01	0.00E+00	7.30E-01	0.00E+00	0.00E+00	1.31E+00	3.40E-07	3.38E-03	4.22E-02	0.00E+00	0.00E+00	1.36E-11	3.56E-10	3.65E-03	0.00E+00	0.00E+00	0.00E+00	7.72E-05	2.19E-02	1.44E+01	0.00E+00	1.54E-09	5.21E-08	8.67E-03	1.21E-05	2.65E-02	0.00E+00	1.44E+01	2.59E-08	1.44E+01	7.02E+00	2.65E-02	0.00E+00	0.00E+00	0.00E+00	3.80E-03
U-AM454TBS125-4	1.18E-02	7.30E-01	0.00E+00	7.30E-01	0.00E+00	0.00E+00	1.31E+00	3.40E-07	3.38E-03	4.22E-02	0.00E+00	0.00E+00	1.36E-11	3.56E-10	3.65E-03	0.00E+00	0.00E+00	0.00E+00	7.72E-05	2.19E-02	1.44E+01	0.00E+00	1.54E-09	5.21E-08	8.67E-03	1.21E-05	2.65E-02	0.00E+00	1.44E+01	2.59E-08	1.44E+01	7.02E+00	2.65E-02	0.00E+00	0.00E+00	0.00E+00	3.80E-03
U-AM603TB160-3	9.57E-03	7.07E-01	0.00E+00	7.07E-01	0.00E+00	0.00E+00	1.26E+00	3.01E-07	3.19E-03	4.06E-02	0.00E+00	0.00E+00	1.31E-11	3.29E-10	3.68E-03	0.00E+00	0.00E+00	0.00E+00	7.37E-05	2.23E-02	1.28E+01	0.00E+00	1.35E-09	5.27E-08	8.25E-03	1.14E-05	2.52E-02	0.00E+00	1.28E+01	2.64E-08	1.28E+01	7.20E+00	2.52E-02	0.00E+00	0.00E+00	0.00E+00	3.62E-03
U-AM603TB250-3	9.57E-03	7.07E-01	0.00E+00	7.07E-01	0.00E+00	0.00E+00	1.26E+00	3.01E-07	3.19E-03	4.06E-02	0.00E+00	0.00E+00	1.31E-11	3.29E-10	3.68E-03	0.00E+00	0.00E+00	0.00E+00	7.37E-05	2.23E-02	1.28E+01	0.00E+00	1.35E-09	5.27E-08	8.25E-03	1.14E-05	2.52E-02	0.00E+00	1.28E+01	2.64E-08	1.28E+01	7.20E+00	2.52E-02	0.00E+00	0.00E+00	0.00E+00	3.62E-03
U-AM603TBH125-3	9.57E-03	7.07E-01	0.00E+00	7.07E-01	0.00E+00	0.00E+00	1.26E+00	3.01E-07	3.19E-03	4.06E-02	0.00E+00	0.00E+00	1.31E-11	3.29E-10	3.68E-03	0.00E+00	0.00E+00	0.00E+00	7.37E-05	2.23E-02	1.28E+01	0.00E+00	1.35E-09	5.27E-08	8.25E-03	1.14E-05	2.52E-02	0.00E+00	1.28E+01	2.64E-08	1.28E+01	7.20E+00	2.52E-02	0.00E+00	0.00E+00	0.00E+00	3.62E-03
U-AM603TBS125-3	9.57E-03	7.07E-01	0.00E+00	7.07E-01	0.00E+00	0.00E+00	1.26E+00	3.01E-07	3.19E-03	4.06E-02	0.00E+00	0.00E+00	1.31E-11	3.29E-10	3.68E-03	0.00E+00	0.00E+00	0.00E+00	7.37E-05	2.23E-02	1.28E+01	0.00E+00	1.35E-09	5.27E-08	8.25E-03	1.14E-05	2.52E-02	0.00E+00	1.28E+01	2.64E-08	1.28E+01	7.20E+00	2.52E-02	0.00E+00	0.00E+00	0.00E+00	3.62E-03
U-AM604TB160-3	9.74E-03	7.38E-01	0.00E+00	7.38E-01	0.00E+00	0.00E+00	1.21E+00	3.12E-07	3.28E-03	4.16E-02	0.00E+00	0.00E+00	1.37E-11	3.38E-10	3.74E-03	0.00E+00	0.00E+00	0.00E+00	7.64E-05	2.34E-02	1.32E+01	0.00E+00	1.40E-09	5.42E-08	8.49E-03	1.22E-05	2.58E-02	0.00E+00	1.32E+01	2.76E-08	1.32E+01	7.64E+00	2.58E-02	0.00E+00	0.00E+00	0.00E+00	3.73E-03
U-AM604TB160-4	1.21E-02	7.73E-01	0.00E+00	7.73E-01	0.00E+00	0.00E+00	1.33E+00	3.56E-07	3.51E-03	4.35E-02	0.00E+00	0.00E+00	1.44E-11	3.70E-10	3.74E-03	0.00E+00	0.00E+00	0.00E+00	8.10E-05	2.34E-02	1.49E+01	0.00E+00	1.60E-09	5.42E-08	9.02E-03	1.32E-05	2.73E-02	0.00E+00	1.49E+01	2.76E-08	1.49E+01	7.64E+00	2.73E-02	0.00E+00	0.00E+00	0.00E+00	3.95E-03
U-AM604TB250-3	9.74E-03	7.38E-01	0.00E+00	7.38E-01	0.00E+00	0.00E+00	1.21E+00	3.12E-07	3.28E-03	4.16E-02	0.00E+00	0.00E+00	1.37E-11	3.38E-10	3.74E-03	0.00E+00	0.00E+00	0.00E+00	7.64E-05	2.34E-02	1.32E+01	0.00E+00	1.40E-09	5.42E-08	8.49E-03	1.22E-05	2.58E-02	0.00E+00	1.32E+01	2.76E-08	1.32E+01	7.64E+00	2.58E-02	0.00E+00	0.00E+00	0.00E+00	3.73E-03
U-AM604TB250-4	1.21E-02	7.73E-01	0.00E+00	7.73E-01	0.00E+00	0.00E+00	1.33E+00	3.56E-07	3.51E-03	4.35E-02	0.00E+00	0.00E+00	1.44E-11	3.70E-10	3.74E-03	0.00E+00	0.00E+00	0.00E+00	8.10E-05	2.34E-02	1.49E+01	0.00E+00	1.60E-09	5.42E-08	9.02E-03	1.32E-05	2.73E-02	0.00E+00	1.49E+01	2.76E-08	1.49E+01	7.64E+00	2.73E-02	0.00E+00	0.00E+00	0.00E+00	3.95E-03
U-AM604TB400-3	1.20E-02	7.57E-01	0.00E+00	7.57E-01	0.00E+00	0.00E+00	1.32E+00	3.50E-07	3.46E-03	4.29E-02	0.00E+00	0.00E+00	1.41E-11	3.64E-10	3.70E-03	0.00E+00	0.00E+00	0.00E+00	7.95E-05	2.28E-02	1.47E+01	0.00E+00	1.58E-09	5.33E-08	8.89E-03	1.28E-05	2.70E-02	0.00E+00	1.47E+01	2.69E-08	1.47E+01	7.40E+00	2.70E-02	0.00E+00	0.00E+00	0.00E+00	3.89E-03
U-AM604TB630-3	1.20E-02	7.57E-01	0.00E+00	7.57E-01	0.00E+00	0.00E+00	1.32E+00	3.50E-07	3.46E-03	4.29E-02	0.00E+00	0.00E+00	1.41E-11	3.64E-10	3.70E-03	0.00E+00	0.00E+00	0.00E+00	7.95E-05	2.28E-02	1.47E+01	0.00E+00	1.58E-09	5.33E-08	8.89E-03	1.28E-05	2.70E-02	0.00E+00	1.47E+01	2.69E-08	1.47E+01	7.40E+00	2.70E-02	0.00E+00	0.00E+00	0.00E+00	3.89E-03
U-AM604TBH125-3	9.74E-03	7.38E-01	0.00E+00	7.38E-01	0.00E+00	0.00E+00	1.21E+00	3.12E-07	3.28E-03	4.16E-02	0.00E+00	0.00E+00	1.37E-11	3.38E-10	3.74E-03	0.00E+00	0.00E+00	0.00E+00	7.64E-05	2.34E-02	1.32E+01	0.00E+00	1.40E-09	5.42E-08	8.49E-03	1.22E-05	2.58E-02	0.00E+00	1.32E+01	2.76E-08	1.32E+01	7.64E+00	2.58E-02	0.00E+00	0.00E+00	0.00E+00	3.73E-03
U-AM604TBH125-4	1.21E-02	7.73E-01	0.00E+00	7.73E-01	0.00E+00	0.00E+00	1.33E+00	3.56E-07	3.51E-03	4.35E-02	0.00E+00	0.00E+00	1.44E-11	3.70E-10	3.74E-03	0.00E+00	0.00E+00	0.00E+00	8.10E-05	2.34E-02	1.49E+01	0.00E+00	1.60E-09	5.42E-08	9.02E-03	1.32E-05	2.73E-02	0.00E+00	1.49E+01	2.76E-08	1.49E+01	7.64E+00	2.73E-02	0.00E+00	0.00E+00	0.00E+00	3.95E-03
U-AM604TBS125-3	9.74E-03	7.38E-01	0.00E+00	7.38E-01	0.00E+00	0.00E+00	1.21E+00	3.12E-07	3.28E-03	4.16E-02	0.00E+00	0.00E+00	1.37E-11	3.38E-10	3.74E-03	0.00E+00	0.00E+00	0.00E+00	7.64E-05	2.34E-02	1.32E+01	0.00E+00	1.40E-09	5.42E-08	8.49E-03	1.22E-05	2.58E-02	0.00E+00	1.32E+01	2.76E-08	1.32E+01	7.64E+00	2.58E-02	0.00E+00	0.00E+00	0.00E+00	3.73E-03
U-AM604TBS125-4	1.21E-02	7.73E-01	0.00E+00	7.73E-01	0.00E+00	0.00E+00	1.33E+00	3.56E-07	3.51E-03	4.35E-02	0.00E+00	0.00E+00	1.44E-11	3.70E-10	3.74E-03	0.00E+00	0.00E+00	0.00E+00	8.10E-05	2.34E-02	1.49E+01	0.00E+00	1.60E-09	5.42E-08	9.02E-03	1.32E-05	2.73E-02	0.00E+00	1.49E+01	2.76E-08	1.49E+01	7.64E+00	2.73E-02	0.00E+00	0.00E+00	0.00E+00	3.95E-03
U-AM604TPF125-4	9.74E-03	7.38E-01	0.00E+00	7.38E-01	0.00E+00	0.00E+00	1.21E+00	3.12E-07	3.28E-03	4.16E-02	0.00E+00	0.00E+00	1.37E-11	3.38E-10	3.74E-03	0.00E+00	0.00E+00	0.00E+00	7.64E-05	2.34E-02	1.32E+01	0.00E+00	1.40E-09	5.42E-08	8.49E-03	1.22E-05	2.58E-02	0.00E+00	1.32E+01	2.76E-08	1.32E+01	7.64E+00	2.58E-02	0.00E+00	0.00E+00	0.00E+00	3.73E-03
U-AM604TPF160-4	9.74E-03	7.38E-01	0.00E+00	7.38E-01	0.00E+00	0.00E+00	1.21E+00	3.12E-07	3.28E-03	4.16E-02	0.00E+00	0.00E+00	1.37E-11	3.38E-10	3.74E-03	0.00E+00	0.00E+00	0.00E+00	7.64E-05	2.34E-02	1.32E+01	0.00E+00	1.40E-09	5.42E-08	8.49E-03	1.22E-05	2.58E-02	0.00E+00	1.32E+01	2.76E-08	1.32E+01	7.64E+00	2.58E-02	0.00E+00	0.00E+00	0.00E+00	3.73E-03
U-AM604TPF250-4	9.74E-03	7.38E-01	0.00E+00	7.38E-01	0.00E+00	0.00E+00	1.21E+00	3.12E-07	3.28E-03	4.16E-02	0.00E+00	0.00E+00	1.37E-11	3.38E-10	3.74E-03	0.00E+00	0.00E+00	0.00E+00	7.64E-05	2.34E-02	1.32E+01	0.00E+00	1.40E-09	5.42E-08	8.49E-03	1.22E-05	2.58E-02	0.00E+00	1.32E+01	2.76E-08	1.32E+01	7.64E+00	2.58E-02	0.00E+00	0.00E+00	0.00E+00	3.73E-03
U-AM605TB125-4	9.80E-03	7.47E-01	0.00E+00	7.47E-01	0.00E+00	0.00E+00	1.22E+00	3.15E-07	3.30E-03	4.21E-02	0.00E+00	0.00E+00	1.38E-11	3.41E-10	3.76E-03	0.00E+00	0.00E+00	0.00E+00	7.71E-05	2.37E-02	1.33E+01	0.00E+00	1.41E-09	5.46E-08	8.57E-03	1.24E-05	2.59E-02	0.00E+00	1.33E+01	2.80E-08	1.33E+01	7.76E+00	2.59E-02	0.00E+00	0.00E+00	0.00E+00	3.76E-03
U-AM605TB160-4	9.80E-03	7.47E-01	0.00E+00	7.47E-01	0.00E+00	0.00E+00	1.22E+00	3.15E-07	3.30E-03	4.21E-02	0.00E+00	0.00E+00	1.38E-11	3.41E-10	3.76E-03	0.00E+00	0.00E+00	0.00E+00	7.71E-05	2.37E-02	1.33E+01	0.00E+00	1.41E-09	5.46E-08	8.57E-03	1.24E-05	2.59E-02	0.00E+00	1.33E+01	2.80E-08	1.33E+01	7.76E+00	2.59E-02	0.00E+00	0.00E+00	0.00E+00	3.76E-03
U-AM605TB250-4	9.80E-03	7.47E-01	0.00E+00	7.47E-01	0.00E+00	0.00E+00	1.22E+00	3.15E-07	3.30E-03	4.21E-02	0.00E+00	0.00E+00	1.38E-11	3.41E-10	3.76E-03	0.00E+00	0.00E+00	0.00E+00	7.71E-05	2.37E-02	1.33E+01	0.00E+00	1.41E-09	5.46E-08	8.57E-03	1.24E-05	2.59E-02	0.00E+00	1.33E+01	2.80E-08	1.33E+01	7.76E+00	2.59E-02	0.00E+00	0.00E+00	0.00E+00	3.76E-03
U-AM703TB160-3	1.20E-02	7.64E-01	0.00E+00	7.64E-01	0.00E+00	0.00E+00	1.33E+00	3.53E-07	3.48E-03	4.32E-02	0.00E+00	0.00E+00	1.42E-11	3.67E-10	3.72E-03	0.00E+00	0.00E+00	0.00E+00	8.01E-05	2.30E-02	1.48E+01	0.00E+00	1.59E-09	5.36E-08	8.95E-03	1.30E-05	2.71E-02	0.00E+00	1.48E+01	2.72E-08	1.48E+01	7.50E+00	2.71E-02	0.00E+00	0.00E+00	0.00E+00	3.91E-03
U-AM703TB250-3	1.20E-02	7.64E-01	0.00E+00	7.64E-01	0.00E+00	0.00E+00	1.33E+00	3.53E-07	3.48E-03	4.32E-02	0.00E+00	0.00E+00	1.42E-11	3.67E-10	3.72E-03	0.00E+00	0.00E+00	0.00E+00	8.01E-05	2.30E-02	1.48E+01	0.00E+00	1.59E-09	5.36E-08	8.95E-03	1.30E-05	2.71E-02	0.00E+00	1.48E+01	2.72E-08	1.48E+01	7.50E+00	2.71E-02	0.00E+00	0.00E+00	0.00E+00	3.91E-03
U-AM703TBH125-3	1.20E-02	7.64E-01	0.00E+00	7.64E-01	0.00E+00	0.00E+00	1.33E+00	3.53E-07	3.48E-03	4.32E-02	0.00E+00	0.00E+00	1.42E-11	3.67E-10	3.72E-03	0.00E+00	0.00E+00	0.00E+00	8.01E-05	2.30E-02	1.48E+01	0.00E+00	1.59E-09	5.36E-08	8.95E-03	1.30E-05	2.71E-02	0.00E+00	1.48E+01	2.72E-08	1.48E+01	7.50E+00	2.71E-02	0.00E+00	0.00E+00	0.00E+00	3.91E-03
U-AM703TBS125-3	1.20E-02	7.64E-01	0.00E+00	7.64E-01	0.00E+00	0.00E+00	1.33E+00	3.53E-07	3.48E-03	4.32E-02	0.00E+00	0.00E+00	1.42E-11	3.67E-10	3.72E-03	0.00E+00	0.00E+00	0.00E+00	8.01E-05	2.30E-02	1.48E+01	0.00E+00	1.59E-09	5.36E-08	8.95E-03	1.30E-05	2.71E-02	0.00E+00	1.48E+01	2.72E-08	1.48E+01	7.50E+00	2.71E-02	0.00E+00	0.00E+00	0.00E+00	3.91E-03
U-AM704TB125-4	9.78E-03	7.43E-01	0.00E+00	7.43E-01	0.00E+00	0.00E+00	1.22E+00	3.14E-07	3.29E-03	4.20E-02	0.00E+00	0.00E+00	1.38E-11	3.40E-10	3.75E-03	0.00E+00	0.00E+00	0.00E+00	7.68E-05	2.36E-02	1.32E+01	0.00E+00	1.41E-09	5.44E-08	8.54E-03	1.23E-05	2.59E-02	0.00E+00	1.32E+01	2.79E-08	1.32E+01	7.71E+00	2.59E-02	0.00E+00	0.00E+00	0.00E+00	3.75E-03
U-AM704TB160-3	1.21E-02	7.79E-01	0.00E+00	7.79E-01	0.00E+00	0.00E+00	1.33E+00	3.58E-07	3.52E-03	4.37E-02	0.00E+00	0.00E+00	1.45E-11	3.72E-10	3.75E-03	0.00E+00	0.00E+00	0.00E+00	8.14E-05	2.36E-02	1.50E+01	0.00E+00	1.61E-09	5.44E-08	9.06E-03	1.33E-05	2.73E-02	0.00E+00	1.50E+01	2.79E-08	1.50E+01	7.71E+00	2.73E-02	0.00E+00	0.00E+00	0.00E+00	3.97E-03
U-AM704TB250-3	1.21E-02	7.79E-01	0.00E+00	7.79E-01	0.00E+00	0.00E+00	1.33E+00	3.58E-07	3.52E-03	4.37E-02	0.00E+00	0.00E+00	1.45E-11	3.72E-10	3.75E-03	0.00E+00	0.00E+00	0.00E+00	8.14E-05	2.36E-02	1.50E+01	0.00E+00	1.61E-09	5.44E-08	9.06E-03	1.33E-05	2.73E-02	0.00E+00	1.50E+01	2.79E-08	1.50E+01	7.71E+00	2.73E-02	0.00E+00	0.00E+00	0.00E+00	3.97E-03
U-AM704TBH125-3	1.21E-02	7.79E-01	0.00E+00	7.79E-01	0.00E+00	0.00E+00	1.33E+00	3.58E-07	3.52E-03	4.37E-02	0.00E+00	0.00E+00	1.45E-11	3.72E-10	3.75E-03	0.00E+00	0.00E+00	0.00E+00	8.14E-05	2.36E-02	1.50E+01	0.00E+00	1.61E-09	5.44E-08	9.06E-03	1.33E-05	2.73E-02	0.00E+00	1.50E+01	2.79E-08	1.50E+01	7.71E+00	2.73E-02	0.00E+00	0.00E+00	0.00E+00	3.97E-03
U-AM704TBS125-3	1.21E-02	7.79E-01	0.00E+00	7.79E-01	0.00E+00	0.00E+00	1.33E+00	3.58E-07	3.52E-03	4.37E-02	0.00E+00	0.00E+00	1.45E-11	3.72E-10	3.75E-03	0.00E+00	0.00E+00	0.00E+00	8.14E-05	2.36E-02	1.50E+01	0.00E+00	1.61E-09	5.44E-08	9.06E-03	1.33E-05	2.73E-02	0.00E+00	1.50E+01	2.79E-08	1.50E+01	7.71E+00	2.73E-02	0.00E+00	0.00E+00	0.00E+00	3.97E-03
U-AM704TBS125-4	9.78E-03	7.43E-01	0.00E+00	7.43E-01	0.00E+00	0.00E+00	1.22E+00	3.14E-07	3.29E-03	4.20E-02	0.00E+00	0.00E+00	1.38E-11	3.40E-10	3.75E-03	0.00E+00	0.00E+00	0.00E+00	7.68E-05	2.36E-02	1.32E+01	0.00E+00	1.41E-09	5.44E-08	8.54E-03	1.23E-05	2.59E-02	0.00E+00	1.32E+01	2.79E-08	1.32E+01	7.71E+00	2.59E-02	0.00E+00	0.00E+00	0.00E+00	3.75E-03
U-AM704TB160-4	9.80E-03	7.48E-01	0.00E+00	7.48E-01	0.00E+00	0.00E+00	1.22E+00	3.16E-07	3.30E-03	4.22E-02	0.00E+00	0.00E+00	1.38E-11	3.42E-10	3.76E-03	0.00E+00	0.00E+00	0.00E+00	7.72E-05	2.37E-02	1.33E+01	0.00E+00	1.41E-09	5.47E-08	8.57E-03	1.24E-05	2.60E-02	0.00E+00	1.33E+01	2.80E-08	1.33E+01	7.77E+00	2.60E-02	0.00E+00	0.00E+00	0.00E+00	3.77E-03
U-AM704TB250-4	9.80E-03	7.48E-01	0.00E+00	7.48E-01	0.00E+00	0.00E+00	1.22E+00	3.16E-07	3.30E-03	4.22E-02	0.00E+00	0.00E+00	1.38E-11	3.42E-10	3.76E-03	0.00E+00	0.00E+00	0.00E+00	7.72E-05	2.37E-02	1.33E+01	0.00E+00	1.41E-09	5.47E-08	8.57E-03	1.24E-05	2.60E-02	0.00E+00	1.33E+01	2.80E-08	1.33E+01	7.77E+00	2.60E-02	0.00E+00	0.00E+00	0.00E+00	3.77E-03
U-AM704TB400-3	1.21E-02	7.81E-01	0.00E+00	7.81E-01	0.00E+00	0.00E+00	1.34E+00	3.59E-07	3.53E-03	4.38E-02	0.00E+00	0.00E+00	1.45E-11	3.73E-10	3.76E-03	0.00E+00	0.00E+00	0.00E+00	8.17E-05	2.37E-02	1.51E+01	0.00E+00	1.61E-09	5.48E-08	9.08E-03	1.34E-05	2.74E-02	0.00E+00	1.51E+01	2.80E-08	1.51E+01	7.75E+00	2.74E-02	0.00E+00	0.00E+00	0.00E+00	3.98E-03
U-AM704TB630-3	1.21E-02	7.81E-01	0.00E+00	7.81E-01	0.00E+00	0.00E+00	1.34E+00	3.59E-07	3.53E-03	4.38E-02	0.00E+00	0.00E+00	1.45E-11	3.73E-10	3.76E-03	0.00E+00	0.00E+00	0.00E+00	8.17E-05	2.37E-02	1.51E+01	0.00E+00	1.61E-09	5.48E-08	9.08E-03	1.34E-05	2.74E-02	0.00E+00	1.51E+01	2.80E-08	1.51E+01	7.75E+00	2.74E-02	0.00E+00	0.00E+00	0.00E+00	3.98E-03
U-AM704TBH125-4	9.80E-03	7.48E-01	0.00E+00	7.48E-01	0.00E+00	0.00E+00	1.22E+00	3.16E-07	3.30E-03	4.22E-02	0.00E+00	0.00E+00	1.38E-11	3.42E-10	3.76E-03	0.00E+00	0.00E+00	0.00E+00	7.72E-05	2.37E-02	1.33E+01	0.00E+00	1.41E-09	5.47E-08	8.57E-03	1.24E-05	2.60E-02	0.00E+00	1.33E+01	2.80E-08	1.33E+01	7.77E+00	2.60E-02	0.00E+00	0.00E+00	0.00E+00	3.77E-03
U-AM704TBP125-4	9.80E-03	7.48E-01	0.00E+00	7.48E-01	0.00E+00	0.00E+00	1.22E+00	3.16E-07	3.30E-03	4.22E-02	0.00E+00	0.00E+00	1.38E-11	3.42E-10	3.76E-03	0.00E+00	0.00E+00	0.00E+00	7.72E-05	2.37E-02	1.33E+01	0.00E+00	1.41E-09	5.47E-08	8.57E-03	1.24E-05	2.60E-02	0.00E+00	1.33E+01	2.80E-08	1.33E+01	7.77E+00	2.60E-02	0.00E+00	0.00E+00	0.00E+00	3.77E-03
U-AM704TBS125-4	9.80E-03	7.48E-01	0.00E+00	7.48E-01	0.00E+00	0.00E+00	1.22E+00	3.16E-07	3.30E-03	4.22E-02	0.00E+00	0.00E+00	1.38E-11	3.42E-10	3.76E-03	0.00E+00	0.00E+00	0.00E+00	7.72E-05	2.37E-02	1.33E+01	0.00E+00	1.41E-09	5.47E-08	8.57E-03	1.24E-05	2.60E-02	0.00E+00	1.33E+01	2.80E-08	1.33E+01	7.77E+00	2.60E-02	0.00E+00	0.00E+00	0.00E+00	3.77E-03
U-AM704TPF160-4	9.80E-03	7.48E-01	0.00E+00	7.48E-01	0.00E+00	0.00E+00	1.22E+00	3.16E-07	3.30E-03	4.22E-02	0.00E+00	0.00E+00	1.38E-11	3.42E-10	3.76E-03	0.00E+00	0.00E+00	0.00E+00	7.72E-05	2.37E-02	1.33E+01	0.00E+00	1.41E-09	5.47E-08	8.57

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U-MC5EUDM254UM	3.21E-03	5.05E-01	0.00E+00	5.05E-01	0.00E+00	0.00E+00	3.32E-01	1.92E-07	1.50E-03	1.65E-02	0.00E+00	0.00E+00	8.99E-12	1.73E-10	1.23E-03	0.00E+00	0.00E+00	0.00E+00	4.48E-05	1.80E-02	6.99E+00	0.00E+00	7.72E-10	2.60E-08	4.18E-03	1.26E-05	9.36E-03	0.00E+00	6.99E+00	2.02E-08	6.99E+00	7.03E+00	9.36E-03	0.00E+00	0.00E+00	0.00E+00	1.94E-03
U-MC5EUDM633G	3.21E-03	5.05E-01	0.00E+00	5.05E-01	0.00E+00	0.00E+00	3.32E-01	1.92E-07	1.50E-03	1.65E-02	0.00E+00	0.00E+00	8.99E-12	1.73E-10	1.23E-03	0.00E+00	0.00E+00	0.00E+00	4.48E-05	1.80E-02	6.99E+00	0.00E+00	7.72E-10	2.60E-08	4.18E-03	1.26E-05	9.36E-03	0.00E+00	6.99E+00	2.02E-08	6.99E+00	7.03E+00	9.36E-03	0.00E+00	0.00E+00	0.00E+00	1.94E-03
J-MC5EUDM633GM	3.21E-03	5.05E-01	0.00E+00	5.05E-01	0.00E+00	0.00E+00	3.32E-01	1.92E-07	1.50E-03	1.65E-02	0.00E+00	0.00E+00	8.99E-12	1.73E-10	1.23E-03	0.00E+00	0.00E+00	0.00E+00	4.48E-05	1.80E-02	6.99E+00	0.00E+00	7.72E-10	2.60E-08	4.18E-03	1.26E-05	9.36E-03	0.00E+00	6.99E+00	2.02E-08	6.99E+00	7.03E+00	9.36E-03	0.00E+00	0.00E+00	0.00E+00	1.94E-03
U-MC5EUDM633U	3.21E-03	5.05E-01	0.00E+00	5.05E-01	0.00E+00	0.00E+00	3.32E-01	1.92E-07	1.50E-03	1.65E-02	0.00E+00	0.00E+00	8.99E-12	1.73E-10	1.23E-03	0.00E+00	0.00E+00	0.00E+00	4.48E-05	1.80E-02	6.99E+00	0.00E+00	7.72E-10	2.60E-08	4.18E-03	1.26E-05	9.36E-03	0.00E+00	6.99E+00	2.02E-08	6.99E+00	7.03E+00	9.36E-03	0.00E+00	0.00E+00	0.00E+00	1.94E-03
J-MC5EUDM633UM	3.21E-03	5.05E-01	0.00E+00	5.05E-01	0.00E+00	0.00E+00	3.32E-01	1.92E-07	1.50E-03	1.65E-02	0.00E+00	0.00E+00	8.99E-12	1.73E-10	1.23E-03	0.00E+00	0.00E+00	0.00E+00	4.48E-05	1.80E-02	6.99E+00	0.00E+00	7.72E-10	2.60E-08	4.18E-03	1.26E-05	9.36E-03	0.00E+00	6.99E+00	2.02E-08	6.99E+00	7.03E+00	9.36E-03	0.00E+00	0.00E+00	0.00E+00	1.94E-03
U-MC5EUDM634G	3.21E-03	5.05E-01	0.00E+00	5.05E-01	0.00E+00	0.00E+00	3.32E-01	1.92E-07	1.50E-03	1.65E-02	0.00E+00	0.00E+00	8.99E-12	1.73E-10	1.23E-03	0.00E+00	0.00E+00	0.00E+00	4.48E-05	1.80E-02	6.99E+00	0.00E+00	7.72E-10	2.60E-08	4.18E-03	1.26E-05	9.36E-03	0.00E+00	6.99E+00	2.02E-08	6.99E+00	7.03E+00	9.36E-03	0.00E+00	0.00E+00	0.00E+00	1.94E-03
J-MC5EUDM634GM	3.21E-03	5.05E-01	0.00E+00	5.05E-01	0.00E+00	0.00E+00	3.32E-01	1.92E-07	1.50E-03	1.65E-02	0.00E+00	0.00E+00	8.99E-12	1.73E-10	1.23E-03	0.00E+00	0.00E+00	0.00E+00	4.48E-05	1.80E-02	6.99E+00	0.00E+00	7.72E-10	2.60E-08	4.18E-03	1.26E-05	9.36E-03	0.00E+00	6.99E+00	2.02E-08	6.99E+00	7.03E+00	9.36E-03	0.00E+00	0.00E+00	0.00E+00	1.94E-03
U-MC5EUDM634U	3.21E-03	5.05E-01	0.00E+00	5.05E-01	0.00E+00	0.00E+00	3.32E-01	1.92E-07	1.50E-03	1.65E-02	0.00E+00	0.00E+00	8.99E-12	1.73E-10	1.23E-03	0.00E+00	0.00E+00	0.00E+00	4.48E-05	1.80E-02	6.99E+00	0.00E+00	7.72E-10	2.60E-08	4.18E-03	1.26E-05	9.36E-03	0.00E+00	6.99E+00	2.02E-08	6.99E+00	7.03E+00	9.36E-03	0.00E+00	0.00E+00	0.00E+00	1.94E-03
J-MC5EUDM634UM	3.21E-03	5.05E-01	0.00E+00	5.05E-01	0.00E+00	0.00E+00	3.32E-01	1.92E-07	1.50E-03	1.65E-02	0.00E+00	0.00E+00	8.99E-12	1.73E-10	1.23E-03	0.00E+00	0.00E+00	0.00E+00	4.48E-05	1.80E-02	6.99E+00	0.00E+00	7.72E-10	2.60E-08	4.18E-03	1.26E-05	9.36E-03	0.00E+00	6.99E+00	2.02E-08	6.99E+00	7.03E+00	9.36E-03	0.00E+00	0.00E+00	0.00E+00	1.94E-03
U-MC5EUM2563G	3.21E-03	5.05E-01	0.00E+00	5.05E-01	0.00E+00	0.00E+00	3.32E-01	1.92E-07	1.50E-03	1.65E-02	0.00E+00	0.00E+00	8.99E-12	1.73E-10	1.23E-03	0.00E+00	0.00E+00	0.00E+00	4.48E-05	1.80E-02	6.99E+00	0.00E+00	7.72E-10	2.60E-08	4.18E-03	1.26E-05	9.36E-03	0.00E+00	6.99E+00	2.02E-08	6.99E+00	7.03E+00	9.36E-03	0.00E+00	0.00E+00	0.00E+00	1.94E-03
J-MC5EUM2563GM	3.21E-03	5.05E-01	0.00E+00	5.05E-01	0.00E+00	0.00E+00	3.32E-01	1.92E-07	1.50E-03	1.65E-02	0.00E+00	0.00E+00	8.99E-12	1.73E-10	1.23E-03	0.00E+00	0.00E+00	0.00E+00	4.48E-05	1.80E-02	6.99E+00	0.00E+00	7.72E-10	2.60E-08	4.18E-03	1.26E-05	9.36E-03	0.00E+00	6.99E+00	2.02E-08	6.99E+00	7.03E+00	9.36E-03	0.00E+00	0.00E+00	0.00E+00	1.94E-03
U-MC5EUM2563U	3.21E-03	5.05E-01	0.00E+00	5.05E-01	0.00E+00	0.00E+00	3.32E-01	1.92E-07	1.50E-03	1.65E-02	0.00E+00	0.00E+00	8.99E-12	1.73E-10	1.23E-03	0.00E+00	0.00E+00	0.00E+00	4.48E-05	1.80E-02	6.99E+00	0.00E+00	7.72E-10	2.60E-08	4.18E-03	1.26E-05	9.36E-03	0.00E+00	6.99E+00	2.02E-08	6.99E+00	7.03E+00	9.36E-03	0.00E+00	0.00E+00	0.00E+00	1.94E-03
J-MC5EUM2563UM	3.21E-03	5.05E-01	0.00E+00	5.05E-01	0.00E+00	0.00E+00	3.32E-01	1.92E-07	1.50E-03	1.65E-02	0.00E+00	0.00E+00	8.99E-12	1.73E-10	1.23E-03	0.00E+00	0.00E+00	0.00E+00	4.48E-05	1.80E-02	6.99E+00	0.00E+00	7.72E-10	2.60E-08	4.18E-03	1.26E-05	9.36E-03	0.00E+00	6.99E+00	2.02E-08	6.99E+00	7.03E+00	9.36E-03	0.00E+00	0.00E+00	0.00E+00	1.94E-03
U-MC6D633UG	3.75E-03	5.88E-01	0.00E+00	5.88E-01	0.00E+00	0.00E+00	3.88E-01	2.23E-07	1.76E-03	1.93E-02	0.00E+00	0.00E+00	1.04E-11	2.02E-10	1.44E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-05	2.09E-02	8.20E+00	0.00E+00	9.03E-10	3.05E-08	4.87E-03	1.47E-05	1.10E-02	0.00E+00	8.20E+00	2.36E-08	8.20E+00	8.27E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
U-MC6D633UGM	3.75E-03	5.88E-01	0.00E+00	5.88E-01	0.00E+00	0.00E+00	3.88E-01	2.23E-07	1.76E-03	1.93E-02	0.00E+00	0.00E+00	1.04E-11	2.02E-10	1.44E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-05	2.09E-02	8.20E+00	0.00E+00	9.03E-10	3.05E-08	4.87E-03	1.47E-05	1.10E-02	0.00E+00	8.20E+00	2.36E-08	8.20E+00	8.27E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
U-MC6D634G	3.75E-03	5.88E-01	0.00E+00	5.88E-01	0.00E+00	0.00E+00	3.88E-01	2.23E-07	1.76E-03	1.93E-02	0.00E+00	0.00E+00	1.04E-11	2.02E-10	1.44E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-05	2.09E-02	8.20E+00	0.00E+00	9.03E-10	3.05E-08	4.87E-03	1.47E-05	1.10E-02	0.00E+00	8.20E+00	2.36E-08	8.20E+00	8.27E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
U-MC6D634GM	3.75E-03	5.88E-01	0.00E+00	5.88E-01	0.00E+00	0.00E+00	3.88E-01	2.23E-07	1.76E-03	1.93E-02	0.00E+00	0.00E+00	1.04E-11	2.02E-10	1.44E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-05	2.09E-02	8.20E+00	0.00E+00	9.03E-10	3.05E-08	4.87E-03	1.47E-05	1.10E-02	0.00E+00	8.20E+00	2.36E-08	8.20E+00	8.27E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
U-MC6D634U	3.75E-03	5.88E-01	0.00E+00	5.88E-01	0.00E+00	0.00E+00	3.88E-01	2.23E-07	1.76E-03	1.93E-02	0.00E+00	0.00E+00	1.04E-11	2.02E-10	1.44E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-05	2.09E-02	8.20E+00	0.00E+00	9.03E-10	3.05E-08	4.87E-03	1.47E-05	1.10E-02	0.00E+00	8.20E+00	2.36E-08	8.20E+00	8.27E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
U-MC6D634UM	3.75E-03	5.88E-01	0.00E+00	5.88E-01	0.00E+00	0.00E+00	3.88E-01	2.23E-07	1.76E-03	1.93E-02	0.00E+00	0.00E+00	1.04E-11	2.02E-10	1.44E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-05	2.09E-02	8.20E+00	0.00E+00	9.03E-10	3.05E-08	4.87E-03	1.47E-05	1.10E-02	0.00E+00	8.20E+00	2.36E-08	8.20E+00	8.27E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
U-MC6DM633G	3.75E-03	5.88E-01	0.00E+00	5.88E-01	0.00E+00	0.00E+00	3.88E-01	2.23E-07	1.76E-03	1.93E-02	0.00E+00	0.00E+00	1.04E-11	2.02E-10	1.44E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-05	2.09E-02	8.20E+00	0.00E+00	9.02E-10	3.05E-08	4.87E-03	1.47E-05	1.10E-02	0.00E+00	8.20E+00	2.36E-08	8.20E+00	8.26E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
U-MC6DM633GM	3.75E-03	5.88E-01	0.00E+00	5.88E-01	0.00E+00	0.00E+00	3.88E-01	2.23E-07	1.76E-03	1.93E-02	0.00E+00	0.00E+00	1.04E-11	2.02E-10	1.44E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-05	2.09E-02	8.20E+00	0.00E+00	9.02E-10	3.05E-08	4.87E-03	1.47E-05	1.10E-02	0.00E+00	8.20E+00	2.36E-08	8.20E+00	8.26E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
U-MC6DM633U	3.75E-03	5.88E-01	0.00E+00	5.88E-01	0.00E+00	0.00E+00	3.88E-01	2.23E-07	1.76E-03	1.93E-02	0.00E+00	0.00E+00	1.04E-11	2.02E-10	1.44E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-05	2.09E-02	8.20E+00	0.00E+00	9.02E-10	3.05E-08	4.87E-03	1.47E-05	1.10E-02	0.00E+00	8.20E+00	2.36E-08	8.20E+00	8.26E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
U-MC6DM633UM	3.75E-03	5.88E-01	0.00E+00	5.88E-01	0.00E+00	0.00E+00	3.88E-01	2.23E-07	1.76E-03	1.93E-02	0.00E+00	0.00E+00	1.04E-11	2.02E-10	1.44E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-05	2.09E-02	8.20E+00	0.00E+00	9.02E-10	3.05E-08	4.87E-03	1.47E-05	1.10E-02	0.00E+00	8.20E+00	2.36E-08	8.20E+00	8.26E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
U-MC6DM634G	3.75E-03	5.88E-01	0.00E+00	5.88E-01	0.00E+00	0.00E+00	3.88E-01	2.23E-07	1.76E-03	1.93E-02	0.00E+00	0.00E+00	1.04E-11	2.02E-10	1.44E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-05	2.09E-02	8.20E+00	0.00E+00	9.02E-10	3.05E-08	4.87E-03	1.47E-05	1.10E-02	0.00E+00	8.20E+00	2.36E-08	8.20E+00	8.26E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
U-MC6DM634GM	3.75E-03	5.88E-01	0.00E+00	5.88E-01	0.00E+00	0.00E+00	3.88E-01	2.23E-07	1.76E-03	1.93E-02	0.00E+00	0.00E+00	1.04E-11	2.02E-10	1.44E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-05	2.09E-02	8.20E+00	0.00E+00	9.02E-10	3.05E-08	4.87E-03	1.47E-05	1.10E-02	0.00E+00	8.20E+00	2.36E-08	8.20E+00	8.26E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
U-MC6DM634U	3.75E-03	5.88E-01	0.00E+00	5.88E-01	0.00E+00	0.00E+00	3.88E-01	2.23E-07	1.76E-03	1.93E-02	0.00E+00	0.00E+00	1.04E-11	2.02E-10	1.44E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-05	2.09E-02	8.20E+00	0.00E+00	9.02E-10	3.05E-08	4.87E-03	1.47E-05	1.10E-02	0.00E+00	8.20E+00	2.36E-08	8.20E+00	8.26E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
U-MC6DM634UM	3.75E-03	5.88E-01	0.00E+00	5.88E-01	0.00E+00	0.00E+00	3.88E-01	2.23E-07	1.76E-03	1.93E-02	0.00E+00	0.00E+00	1.04E-11	2.02E-10	1.44E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-05	2.09E-02	8.20E+00	0.00E+00	9.02E-10	3.05E-08	4.87E-03	1.47E-05	1.10E-02	0.00E+00	8.20E+00	2.36E-08	8.20E+00	8.26E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
U-MC6G6334UG	3.75E-03	5.88E-01	0.00E+00	5.88E-01	0.00E+00	0.00E+00	3.88E-01	2.23E-07	1.76E-03	1.93E-02	0.00E+00	0.00E+00	1.04E-11	2.02E-10	1.44E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-05	2.09E-02	8.20E+00	0.00E+00	9.03E-10	3.05E-08	4.87E-03	1.47E-05	1.10E-02	0.00E+00	8.20E+00	2.36E-08	8.20E+00	8.27E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
U-MC6G6334UGM	3.75E-03	5.88E-01	0.00E+00	5.88E-01	0.00E+00	0.00E+00	3.88E-01	2.23E-07	1.76E-03	1.93E-02	0.00E+00	0.00E+00	1.04E-11	2.02E-10	1.44E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-05	2.09E-02	8.20E+00	0.00E+00	9.03E-10	3.05E-08	4.87E-03	1.47E-05	1.10E-02	0.00E+00	8.20E+00	2.36E-08	8.20E+00	8.27E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
U-MC6M6334G	3.75E-03	5.88E-01	0.00E+00	5.88E-01	0.00E+00	0.00E+00	3.88E-01	2.23E-07	1.76E-03	1.93E-02	0.00E+00	0.00E+00	1.04E-11	2.02E-10	1.44E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-05	2.09E-02	8.20E+00	0.00E+00	9.02E-10	3.05E-08	4.87E-03	1.47E-05	1.10E-02	0.00E+00	8.20E+00	2.36E-08	8.20E+00	8.26E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
U-MC6M6334GM	3.75E-03	5.88E-01	0.00E+00	5.88E-01	0.00E+00	0.00E+00	3.88E-01	2.23E-07	1.76E-03	1.93E-02	0.00E+00	0.00E+00	1.04E-11	2.02E-10	1.44E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-05	2.09E-02	8.20E+00	0.00E+00	9.02E-10	3.05E-08	4.87E-03	1.47E-05	1.10E-02	0.00E+00	8.20E+00	2.36E-08	8.20E+00	8.26E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
U-MC6M6334U	3.75E-03	5.88E-01	0.00E+00	5.88E-01	0.00E+00	0.00E+00	3.88E-01	2.23E-07	1.76E-03	1.93E-02	0.00E+00	0.00E+00	1.04E-11	2.02E-10	1.44E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-05	2.09E-02	8.20E+00	0.00E+00	9.02E-10	3.05E-08	4.87E-03	1.47E-05	1.10E-02	0.00E+00	8.20E+00	2.36E-08	8.20E+00	8.26E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
U-MC6M6334UM	3.75E-03	5.88E-01	0.00E+00	5.88E-01	0.00E+00	0.00E+00	3.88E-01	2.23E-07	1.76E-03	1.93E-02	0.00E+00	0.00E+00	1.04E-11	2.02E-10	1.44E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-05	2.09E-02	8.20E+00	0.00E+00	9.02E-10	3.05E-08	4.87E-03	1.47E-05	1.10E-02	0.00E+00	8.20E+00	2.36E-08	8.20E+00	8.26E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
U-MD1B10060	6.99E-03	1.09E+00	0.00E+00	1.09E+00	0.00E+00	0.00E+00	7.17E-01	4.10E-07	3.25E-03	3.57E-02	0.00E+00	0.00E+00	1.92E-11	3.72E-10	2.66E-03	0.00E+00	0.00E+00	0.00E+00	9.66E-05	3.84E-02	1.53E+01	0.00E+00	1.67E-09	5.63E-08	8.99E-03	2.73E-05	2.04E-02	0.00E+00	1.53E+01	4.30E-08	1.53E+01	1.53E+01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	4.14E-03
U-MD1B10080	9.32E-03	1.48E+00	0.00E+00	1.48E+00	0.00E+00	0.00E+00	9.64E-01	5.55E-07	4.41E-03	4.86E-02	0.00E+00	0.00E+00	2.61E-11	5.04E-10	3.59E-03	0.00E+00	0.00E+00	0.00E+00	1.31E-04	5.18E-02	2.06E+01	0.00E+00	2.27E-09	7.54E-08	1.21E-02	3.71E-05	2.74E-02	0.00E+00	2.06E+01	5.85E-08	2.06E+01	2.06E+01	2.74E-02	0.00E+00	0.00E+00	0.00E+00	5.58E-03
U-MD1B11060	1.01E-02	1.57E+00	0.00E+00	1.57E+00	0.00E+00	0.00E+00	1.03E+00	5.91E-07	4.69E-03	5.17E-02	0.00E+00	0.00E+00	2.77E-11	5.37E-10	3.84E-03	0.00E+00	0.00E+00	0.00E+00	1.41E-04	5.61E-02	2.20E+01	0.00E+00	2.43E-09	8.09E-08	1.30E-02	3.97E-05	2.94E-02	0.00E+00	2.20E+01	6.26E-08	2.20E+01	2.20E+01	2.94E-02	0.00E+00	0.00E+00	0.00E+00	6.02E-03
U-MD1B11080	1.57E-02	2.40E+00	0.00E+00	2.40E+00	0.00E+00	0.00E+00	1.57E+00	8.60E-07	6.79E-03	7.61E-02	0.00E+00	0.00E+00	4.11E-11	7.53E-10	6.03E-03	0.00E+00	0.00E+00	0.00E+00	2.08E-04	8.24E-02	3.19E+01	0.00E+00	3.54E-09	1.21E-07	1.92E-02	5.78E-05	4.40E-02	0.00E+00	3.19E+01	9.22E-08	3.19E+01	3.33E+01	4.40E-02	0.00E+00	0.00E+00	0.00E+00	9.00E-03
U-MD1B13560	1.21E-02	1.91E+00	0.00E+00	1.91E+00	0.00E+00	0.00E+00	1.24E+00	7.18E-07	5.66E-03	6.22E-02	0.00E+00	0.00E+00	3.43E-11	6.54E-10	4.63E-03	0.00E+00	0.00E+00	0.00E+00	1.72E-04	6.84E-02	2.65E+01	0.00E+00	2.99E-09	9.86E-08	1.58E-02	4.81E-05	3.58E-02	0.00E+00	2.65E+01	7.50E-08	2.65E+01	2.72E+01	3.58E-02	0.00E+00	0.00E+00	0.00E+00	7.52E-03
U-MD1B13580	2.03E-02	3.20E+00	0.00E+00	3.20E+00	0.00E+00	0.00E+00	2.11E+00	1.16E-06	9.22E-03	1.05E-01	0.00E+00	0.00E+00	5.36E-11	1.06E-09	8.18E-03	0.00E+00	0.00E+00	0.00E+00	2.81E-04	1.10E-01	4.37E+01	0.00E+00	4.79E-09	1.61E-07	2.66E-02	7.82E-05	5.99E-02	0.00E+00	4.37E+01	1.23E-07	4.37E+01	4.54E+01	5.99E-02	0.00E+00	0.00E+00	0.00E+00	1.23E-02
U-MD1B16060	1.52E-02	2.25E+00	0.00E+00	2.25E+00	0.00E+00	0.00E+00	1.47E+00	8.21E-07	6.58E-03	7.07E-02	0.00E+00	0.00E+00	3.92E-11	7.21E-10	5.57E-03	0.00E+00	0.00E+00	0.00E+00	1.97E-04	7.96E-02	3.08E+01	0.00E+00	3.41E-09	1.16E-07	1.81E-02	5.43E-05	4.18E-02	0.00E+00	3.08E+01	8.65E-08	3.08E+01	3.13E+01	4.18E-02	0.00E+00	0.00E+00	0.00E+00	8.67E-03
U-MD1B16080	2.06E-02	3.31E+00	0.00E+00	3.31E+00	0.00E+00	0.00E+00	2.15E+00	1.21E-06	9.54E-03	1.06E-01	0.00E+00	0.00E+00	5.58E-11	1.10E-09	8.35E-03	0.00E+00	0.00E+00	0.00E+00	2.90E-04	1.14E-01	4.57E+01	0.00E+00	4.99E-09	1.65E-07	2.74E-02	8.14E-05	6.21E-02	0.00E+00	4.57E+01	1.27E-07	4.57E+01	4.71E+01	6.21E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-02
U-MD1B4060	3.13E-03	4.91E-01	0.00E+00	4.91E-01	0.00E+00	0.00E+00	3.21E-01	1.86E-07	1.47E-03	1.60E-02	0.00E+00	0.00E+00	8.69E-12	1.67E-10	1.20E-03	0.00E+00	0.00E+00	0.00E+00	4.37E-05	1.72E-02	6.89E+00	0.00E+00	7.56E-10	2.54E-08	4.05E-03	1.23E-05	9.17E-03	0.00E+00	6.89E+00	1.94E-08	6.89E+00	6.97E+00	9.17E-03	0.00E+00	0.00E+00	0.00E+00	1.87E-03
U-MD1B4080	3.69E-03	6.11E-01	0.00E+00	6.11E-01	0.00E+00	0.00E+00	4.01E-01	2.32E-07	1.84E-03	2.01E-02	0.00E+00	0.00E+00	1.08E-11	2.10E-10	1.48E-03	0.00E+00	0.00E+00	0.00E+00	5.37E-05	2.15E-02	8.63E+00	0.00E+00	9.38E-10	3.22E-08	5.03E-03	1.52E-05	1.16E-02	0.00E+00	8.63E+00	2.41E-08	8.63E+00	8.62E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	2.33E-03
U-MD1B4560	3.48E-03	5.48E-01	0.00E+00	5.48E-01	0.00E+00	0.00E+00	3.57E-01	2.07E-07	1.63E-03	1.79E-02	0.00E+00	0.00E+00	9.69E-12	1.87E-10	1.34E-03	0.00E+00	0.00E+00	0.00E+00	4.87E-05	1.92E-02	7.67E+00	0.00E+00	8.43E-10	2.83E-08	4.53E-03	1.37E-05	1.02E-02	0.00E+00	7.67E+00	2.17E-08	7.67E+00	7.67E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00	2.09E-03
U-MD1B4580	4.29E-03	6.75E-01	0.00E+00	6.75E-01	0.00E+00	0.00E+00	4.40E-01	2.55E-07	2.02E-03	2.21E-02	0.00E+00	0.00E+00	1.20E-11	2.33E-10	1.61E-03	0.00E+00	0.00E+00	0.00E+00	5.94E-05	2.36E-02	9.51E+00	0.00E+00	1.03E-09	3.53E-08	5.54E-03	1.68E-05	1.28E-02	0.00E+00	9.51E+00	2.66E-08	9.51E+00	9.52E+00	1.28E-02	0.00E+00	0.00E+00	0.00E+00	2.56E-03
U-MD1B6060	3.90E-03	6.14E-01	0.00E+00	6.14E-01	0.00E+00	0.00E+00	4.04E-01	2.34E-07	1.85E-03	2.02E-02	0.00E+00	0.00E+00	1.09E-11	2.11E-10	1.49E-03	0.00E+00	0.00E+00	0.00E+00	5.40E-05	2.16E-02	8.66E+00	0.00E+00	9.44E-10	3.24E-08	5.06E-03	1.53E-05	1.17E-02	0.00E+00	8.66E+00	2.43E-08	8.66E+00	8.69E+00	1.17E

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U-MTCHEX1FHFM	1.33E-03	2.10E-01	0.00E+00	2.10E-01	0.00E+00	0.00E+00	1.38E-01	7.88E-08	6.25E-04	6.84E-03	0.00E+00	0.00E+00	3.69E-12	7.13E-11	5.12E-04	0.00E+00	0.00E+00	0.00E+00	1.86E-05	7.39E-03	2.93E+00	0.00E+00	3.22E-10	1.08E-08	1.73E-03	5.25E-06	3.91E-03	0.00E+00	2.93E+00	8.28E-09	2.93E+00	2.94E+00	3.91E-03	0.00E+00	0.00E+00	0.00E+00	8.00E-04
U-MTCHEX1RFE	1.58E-03	2.49E-01	0.00E+00	2.49E-01	0.00E+00	0.00E+00	1.63E-01	9.33E-08	7.36E-04	8.10E-03	0.00E+00	0.00E+00	4.38E-12	8.43E-11	6.08E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-05	8.72E-03	3.47E+00	0.00E+00	3.82E-10	1.28E-08	2.04E-03	6.22E-06	4.64E-03	0.00E+00	3.47E+00	9.81E-09	3.47E+00	3.48E+00	4.64E-03	0.00E+00	0.00E+00	0.00E+00	9.49E-04
U-MTCHEX1RFEM	1.58E-03	2.49E-01	0.00E+00	2.49E-01	0.00E+00	0.00E+00	1.63E-01	9.33E-08	7.36E-04	8.10E-03	0.00E+00	0.00E+00	4.38E-12	8.43E-11	6.08E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-05	8.72E-03	3.47E+00	0.00E+00	3.82E-10	1.28E-08	2.04E-03	6.22E-06	4.64E-03	0.00E+00	3.47E+00	9.81E-09	3.47E+00	3.48E+00	4.64E-03	0.00E+00	0.00E+00	0.00E+00	9.49E-04
U-MTCHEX1RHF	1.44E-03	2.27E-01	0.00E+00	2.27E-01	0.00E+00	0.00E+00	1.49E-01	8.53E-08	6.76E-04	7.40E-03	0.00E+00	0.00E+00	4.00E-12	7.73E-11	5.53E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-05	7.96E-03	3.17E+00	0.00E+00	3.48E-10	1.17E-08	1.87E-03	5.68E-06	4.23E-03	0.00E+00	3.17E+00	8.94E-09	3.17E+00	3.18E+00	4.23E-03	0.00E+00	0.00E+00	0.00E+00	8.63E-04
U-MTCHEX1RHFM	1.44E-03	2.27E-01	0.00E+00	2.27E-01	0.00E+00	0.00E+00	1.49E-01	8.53E-08	6.76E-04	7.40E-03	0.00E+00	0.00E+00	4.00E-12	7.73E-11	5.53E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-05	7.96E-03	3.17E+00	0.00E+00	3.48E-10	1.17E-08	1.87E-03	5.68E-06	4.23E-03	0.00E+00	3.17E+00	8.94E-09	3.17E+00	3.18E+00	4.23E-03	0.00E+00	0.00E+00	0.00E+00	8.63E-04
U-MTD11012	1.38E-02	2.21E+00	0.00E+00	2.21E+00	0.00E+00	0.00E+00	1.43E+00	8.29E-07	6.50E-03	7.16E-02	0.00E+00	0.00E+00	3.85E-11	7.48E-10	5.35E-03	0.00E+00	0.00E+00	0.00E+00	1.95E-04	7.56E-02	3.05E+01	0.00E+00	3.37E-09	1.13E-07	1.82E-02	5.47E-05	4.10E-02	0.00E+00	3.05E+01	8.59E-08	3.05E+01	3.06E+01	4.10E-02	0.00E+00	0.00E+00	0.00E+00	8.19E-03
U-MTD1106	7.60E-03	1.20E+00	0.00E+00	1.20E+00	0.00E+00	0.00E+00	7.88E-01	4.51E-07	3.57E-03	3.92E-02	0.00E+00	0.00E+00	2.11E-11	4.09E-10	2.93E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-04	4.22E-02	1.68E+01	0.00E+00	1.84E-09	6.20E-08	9.88E-03	3.01E-05	2.24E-02	0.00E+00	1.68E+01	4.74E-08	1.68E+01	1.68E+01	2.24E-02	0.00E+00	0.00E+00	0.00E+00	4.57E-03
U-MTD1109	1.02E-02	1.61E+00	0.00E+00	1.61E+00	0.00E+00	0.00E+00	1.05E+00	6.02E-07	4.76E-03	5.23E-02	0.00E+00	0.00E+00	2.82E-11	5.46E-10	3.92E-03	0.00E+00	0.00E+00	0.00E+00	1.42E-04	5.65E-02	2.23E+01	0.00E+00	2.45E-09	8.21E-08	1.32E-02	3.99E-05	2.99E-02	0.00E+00	2.23E+01	6.31E-08	2.23E+01	2.24E+01	2.99E-02	0.00E+00	0.00E+00	0.00E+00	6.10E-03
U-MTD13512	2.21E-02	3.48E+00	0.00E+00	3.48E+00	0.00E+00	0.00E+00	2.19E+00	1.31E-06	9.82E-03	1.14E-01	0.00E+00	0.00E+00	5.97E-11	1.15E-09	8.62E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04	1.29E-01	4.91E+01	0.00E+00	5.12E-09	1.70E-07	3.10E-02	8.51E-05	6.42E-02	0.00E+00	4.91E+01	1.39E-07	4.91E+01	4.71E+01	6.42E-02	0.00E+00	0.00E+00	0.00E+00	1.25E-02
U-MTD1356	9.22E-03	1.46E+00	0.00E+00	1.46E+00	0.00E+00	0.00E+00	9.56E-01	5.47E-07	4.32E-03	4.75E-02	0.00E+00	0.00E+00	2.56E-11	4.96E-10	3.54E-03	0.00E+00	0.00E+00	0.00E+00	1.29E-04	5.15E-02	2.03E+01	0.00E+00	2.23E-09	7.46E-08	1.19E-02	3.65E-05	2.71E-02	0.00E+00	2.03E+01	5.74E-08	2.03E+01	2.04E+01	2.71E-02	0.00E+00	0.00E+00	0.00E+00	5.54E-03
U-MTD1359	1.32E-02	2.01E+00	0.00E+00	2.01E+00	0.00E+00	0.00E+00	1.31E+00	7.48E-07	5.93E-03	6.49E-02	0.00E+00	0.00E+00	3.51E-11	6.78E-10	4.86E-03	0.00E+00	0.00E+00	0.00E+00	1.76E-04	6.91E-02	2.80E+01	0.00E+00	3.05E-09	1.03E-07	1.64E-02	4.98E-05	3.73E-02	0.00E+00	2.80E+01	7.85E-08	2.80E+01	2.80E+01	3.73E-02	0.00E+00	0.00E+00	0.00E+00	7.53E-03
U-MTG454TB2504	2.03E-03	3.19E-01	0.00E+00	3.19E-01	0.00E+00	0.00E+00	2.11E-01	1.20E-07	9.54E-04	1.04E-02	0.00E+00	0.00E+00	5.62E-12	1.09E-10	7.78E-04	0.00E+00	0.00E+00	0.00E+00	2.84E-05	1.12E-02	4.48E+00	0.00E+00	4.91E-10	1.64E-08	2.64E-03	8.05E-06	5.95E-03	0.00E+00	4.48E+00	1.27E-08	4.48E+00	4.49E+00	5.95E-03	0.00E+00	0.00E+00	0.00E+00	1.21E-03
U-MTG454TBS1254	2.03E-03	3.19E-01	0.00E+00	3.19E-01	0.00E+00	0.00E+00	2.11E-01	1.20E-07	9.54E-04	1.04E-02	0.00E+00	0.00E+00	5.62E-12	1.09E-10	7.78E-04	0.00E+00	0.00E+00	0.00E+00	2.84E-05	1.12E-02	4.48E+00	0.00E+00	4.91E-10	1.64E-08	2.64E-03	8.05E-06	5.95E-03	0.00E+00	4.48E+00	1.27E-08	4.48E+00	4.49E+00	5.95E-03	0.00E+00	0.00E+00	0.00E+00	1.21E-03
U-MTG604TB2503	2.95E-03	4.54E-01	0.00E+00	4.54E-01	0.00E+00	0.00E+00	3.05E-01	1.71E-07	1.38E-03	1.49E-02	0.00E+00	0.00E+00	8.06E-12	1.55E-10	1.18E-03	0.00E+00	0.00E+00	0.00E+00	4.11E-05	1.64E-02	6.52E+00	0.00E+00	7.06E-10	2.35E-08	3.77E-03	1.16E-05	8.51E-03	0.00E+00	6.52E+00	1.83E-08	6.52E+00	6.36E+00	8.51E-03	0.00E+00	0.00E+00	0.00E+00	1.78E-03
U-MTG604TB2504	2.95E-03	4.54E-01	0.00E+00	4.54E-01	0.00E+00	0.00E+00	3.05E-01	1.71E-07	1.38E-03	1.49E-02	0.00E+00	0.00E+00	8.06E-12	1.55E-10	1.18E-03	0.00E+00	0.00E+00	0.00E+00	4.11E-05	1.64E-02	6.52E+00	0.00E+00	7.06E-10	2.35E-08	3.77E-03	1.16E-05	8.51E-03	0.00E+00	6.52E+00	1.83E-08	6.52E+00	6.36E+00	8.51E-03	0.00E+00	0.00E+00	0.00E+00	1.78E-03
U-MTG604TB6303	2.87E-03	4.44E-01	0.00E+00	4.44E-01	0.00E+00	0.00E+00	2.97E-01	1.67E-07	1.35E-03	1.46E-02	0.00E+00	0.00E+00	7.89E-12	1.51E-10	1.15E-03	0.00E+00	0.00E+00	0.00E+00	4.01E-05	1.59E-02	6.38E+00	0.00E+00	6.89E-10	2.29E-08	3.68E-03	1.14E-05	8.30E-03	0.00E+00	6.38E+00	1.79E-08	6.38E+00	6.21E+00	8.30E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-03
U-MTG604TBS1254	2.95E-03	4.54E-01	0.00E+00	4.54E-01	0.00E+00	0.00E+00	3.05E-01	1.71E-07	1.38E-03	1.49E-02	0.00E+00	0.00E+00	8.06E-12	1.55E-10	1.18E-03	0.00E+00	0.00E+00	0.00E+00	4.11E-05	1.64E-02	6.52E+00	0.00E+00	7.06E-10	2.35E-08	3.77E-03	1.16E-05	8.51E-03	0.00E+00	6.52E+00	1.83E-08	6.52E+00	6.36E+00	8.51E-03	0.00E+00	0.00E+00	0.00E+00	1.78E-03
U-MTG605TB2504	3.43E-03	5.33E-01	0.00E+00	5.33E-01	0.00E+00	0.00E+00	3.55E-01	2.00E-07	1.60E-03	1.74E-02	0.00E+00	0.00E+00	9.38E-12	1.81E-10	1.35E-03	0.00E+00	0.00E+00	0.00E+00	4.79E-05	1.90E-02	7.53E+00	0.00E+00	8.23E-10	2.77E-08	4.40E-03	1.35E-05	9.93E-03	0.00E+00	7.53E+00	2.13E-08	7.53E+00	7.46E+00	9.93E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-03
U-MTG605TB6304	3.37E-03	5.23E-01	0.00E+00	5.23E-01	0.00E+00	0.00E+00	3.48E-01	1.97E-07	1.57E-03	1.71E-02	0.00E+00	0.00E+00	9.20E-12	1.78E-10	1.33E-03	0.00E+00	0.00E+00	0.00E+00	4.70E-05	1.87E-02	7.40E+00	0.00E+00	8.08E-10	2.71E-08	4.32E-03	1.32E-05	9.74E-03	0.00E+00	7.40E+00	2.10E-08	7.40E+00	7.31E+00	9.74E-03	0.00E+00	0.00E+00	0.00E+00	2.01E-03
U-MTG64X1254	2.87E-03	4.44E-01	0.00E+00	4.44E-01	0.00E+00	0.00E+00	2.98E-01	1.66E-07	1.34E-03	1.46E-02	0.00E+00	0.00E+00	7.87E-12	1.51E-10	1.15E-03	0.00E+00	0.00E+00	0.00E+00	4.01E-05	1.60E-02	6.37E+00	0.00E+00	6.89E-10	2.29E-08	3.69E-03	1.14E-05	8.28E-03	0.00E+00	6.37E+00	1.79E-08	6.37E+00	6.20E+00	8.28E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-03
U-MTG64X2504	2.87E-03	4.44E-01	0.00E+00	4.44E-01	0.00E+00	0.00E+00	2.98E-01	1.66E-07	1.34E-03	1.46E-02	0.00E+00	0.00E+00	7.87E-12	1.51E-10	1.15E-03	0.00E+00	0.00E+00	0.00E+00	4.01E-05	1.60E-02	6.37E+00	0.00E+00	6.89E-10	2.29E-08	3.69E-03	1.14E-05	8.28E-03	0.00E+00	6.37E+00	1.79E-08	6.37E+00	6.20E+00	8.28E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-03
U-MTG64X6303	2.87E-03	4.44E-01	0.00E+00	4.44E-01	0.00E+00	0.00E+00	2.98E-01	1.66E-07	1.34E-03	1.46E-02	0.00E+00	0.00E+00	7.87E-12	1.51E-10	1.15E-03	0.00E+00	0.00E+00	0.00E+00	4.01E-05	1.60E-02	6.37E+00	0.00E+00	6.89E-10	2.29E-08	3.69E-03	1.14E-05	8.28E-03	0.00E+00	6.37E+00	1.79E-08	6.37E+00	6.20E+00	8.28E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-03
U-MTG64Y1254	2.84E-03	4.42E-01	0.00E+00	4.42E-01	0.00E+00	0.00E+00	2.98E-01	1.65E-07	1.34E-03	1.45E-02	0.00E+00	0.00E+00	7.84E-12	1.51E-10	1.14E-03	0.00E+00	0.00E+00	0.00E+00	4.00E-05	1.58E-02	6.34E+00	0.00E+00	6.86E-10	2.28E-08	3.67E-03	1.13E-05	8.24E-03	0.00E+00	6.34E+00	1.78E-08	6.34E+00	6.17E+00	8.24E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-03
U-MTG64Y2504	2.84E-03	4.42E-01	0.00E+00	4.42E-01	0.00E+00	0.00E+00	2.98E-01	1.65E-07	1.34E-03	1.45E-02	0.00E+00	0.00E+00	7.84E-12	1.51E-10	1.14E-03	0.00E+00	0.00E+00	0.00E+00	4.00E-05	1.58E-02	6.34E+00	0.00E+00	6.86E-10	2.28E-08	3.67E-03	1.13E-05	8.24E-03	0.00E+00	6.34E+00	1.78E-08	6.34E+00	6.17E+00	8.24E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-03
U-MTG64Y6303	2.84E-03	4.42E-01	0.00E+00	4.42E-01	0.00E+00	0.00E+00	2.98E-01	1.65E-07	1.34E-03	1.45E-02	0.00E+00	0.00E+00	7.84E-12	1.51E-10	1.14E-03	0.00E+00	0.00E+00	0.00E+00	4.00E-05	1.58E-02	6.34E+00	0.00E+00	6.86E-10	2.28E-08	3.67E-03	1.13E-05	8.24E-03	0.00E+00	6.34E+00	1.78E-08	6.34E+00	6.17E+00	8.24E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-03
U-MTG65X6304	3.33E-03	5.21E-01	0.00E+00	5.21E-01	0.00E+00	0.00E+00	3.47E-01	1.95E-07	1.56E-03	1.70E-02	0.00E+00	0.00E+00	9.16E-12	1.77E-10	1.32E-03	0.00E+00	0.00E+00	0.00E+00	4.68E-05	1.86E-02	7.36E+00	0.00E+00	8.05E-10	2.70E-08	4.30E-03	1.32E-05	9.67E-03	0.00E+00	7.36E+00	2.09E-08	7.36E+00	7.27E+00	9.67E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-03
U-MTG65Y6304	3.34E-03	5.18E-01	0.00E+00	5.18E-01	0.00E+00	0.00E+00	3.46E-01	1.94E-07	1.55E-03	1.69E-02	0.00E+00	0.00E+00	9.12E-12	1.76E-10	1.31E-03	0.00E+00	0.00E+00	0.00E+00	4.66E-05	1.85E-02	7.31E+00	0.00E+00	8.00E-10	2.68E-08	4.28E-03	1.31E-05	9.62E-03	0.00E+00	7.31E+00	2.07E-08	7.31E+00	7.23E+00	9.62E-03	0.00E+00	0.00E+00	0.00E+00	1.99E-03
U-MTG704TB2503	3.35E-03	5.20E-01	0.00E+00	5.20E-01	0.00E+00	0.00E+00	3.46E-01	1.95E-07	1.56E-03	1.70E-02	0.00E+00	0.00E+00	9.14E-12	1.77E-10	1.32E-03	0.00E+00	0.00E+00	0.00E+00	4.67E-05	1.86E-02	7.34E+00	0.00E+00	8.03E-10	2.69E-08	4.29E-03	1.32E-05	9.66E-03	0.00E+00	7.34E+00	2.08E-08	7.34E+00	7.25E+00	9.66E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-03
U-MTG704TB2504	3.35E-03	5.20E-01	0.00E+00	5.20E-01	0.00E+00	0.00E+00	3.46E-01	1.95E-07	1.56E-03	1.70E-02	0.00E+00	0.00E+00	9.14E-12	1.77E-10	1.32E-03	0.00E+00	0.00E+00	0.00E+00	4.67E-05	1.86E-02	7.34E+00	0.00E+00	8.03E-10	2.69E-08	4.29E-03	1.32E-05	9.66E-03	0.00E+00	7.34E+00	2.08E-08	7.34E+00	7.25E+00	9.66E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-03
U-MTG704TB6303	3.33E-03	5.18E-01	0.00E+00	5.18E-01	0.00E+00	0.00E+00	3.45E-01	1.94E-07	1.55E-03	1.70E-02	0.00E+00	0.00E+00	9.12E-12	1.77E-10	1.32E-03	0.00E+00	0.00E+00	0.00E+00	4.67E-05	1.86E-02	7.33E+00	0.00E+00	8.01E-10	2.69E-08	4.28E-03	1.32E-05	9.65E-03	0.00E+00	7.33E+00	2.08E-08	7.33E+00	7.24E+00	9.65E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-03
U-MTG704TBS1254	3.35E-03	5.20E-01	0.00E+00	5.20E-01	0.00E+00	0.00E+00	3.46E-01	1.95E-07	1.56E-03	1.70E-02	0.00E+00	0.00E+00	9.14E-12	1.77E-10	1.32E-03	0.00E+00	0.00E+00	0.00E+00	4.67E-05	1.86E-02	7.34E+00	0.00E+00	8.03E-10	2.69E-08	4.29E-03	1.32E-05	9.66E-03	0.00E+00	7.34E+00	2.08E-08	7.34E+00	7.25E+00	9.66E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-03
U-MTG705TB2504	4.12E-03	6.42E-01	0.00E+00	6.42E-01	0.00E+00	0.00E+00	4.19E-01	2.41E-07	1.90E-03	2.11E-02	0.00E+00	0.00E+00	1.12E-11	2.17E-10	1.58E-03	0.00E+00	0.00E+00	0.00E+00	5.75E-05	2.26E-02	8.93E+00	0.00E+00	9.84E-10	3.28E-08	5.27E-03	1.61E-05	1.19E-02	0.00E+00	8.93E+00	2.55E-08	8.93E+00	8.99E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	2.45E-03
U-MTG705TB6303	4.12E-03	6.42E-01	0.00E+00	6.42E-01	0.00E+00	0.00E+00	4.19E-01	2.41E-07	1.90E-03	2.11E-02	0.00E+00	0.00E+00	1.12E-11	2.17E-10	1.58E-03	0.00E+00	0.00E+00	0.00E+00	5.75E-05	2.26E-02	8.93E+00	0.00E+00	9.84E-10	3.28E-08	5.27E-03	1.61E-05	1.19E-02	0.00E+00	8.93E+00	2.55E-08	8.93E+00	8.99E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	2.45E-03
U-MTG705TB6304	4.12E-03	6.42E-01	0.00E+00	6.42E-01	0.00E+00	0.00E+00	4.19E-01	2.41E-07	1.90E-03	2.11E-02	0.00E+00	0.00E+00	1.12E-11	2.17E-10	1.58E-03	0.00E+00	0.00E+00	0.00E+00	5.75E-05	2.26E-02	8.93E+00	0.00E+00	9.84E-10	3.28E-08	5.27E-03	1.61E-05	1.19E-02	0.00E+00	8.93E+00	2.55E-08	8.93E+00	8.99E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	2.45E-03
U-MTG705TBS1254	4.12E-03	6.42E-01	0.00E+00	6.42E-01	0.00E+00	0.00E+00	4.19E-01	2.41E-07	1.90E-03	2.11E-02	0.00E+00	0.00E+00	1.12E-11	2.17E-10	1.58E-03	0.00E+00	0.00E+00	0.00E+00	5.75E-05	2.26E-02	8.93E+00	0.00E+00	9.84E-10	3.28E-08	5.27E-03	1.61E-05	1.19E-02	0.00E+00	8.93E+00	2.55E-08	8.93E+00	8.99E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	2.45E-03
U-MTG706TB6304	4.31E-03	6.68E-01	0.00E+00	6.68E-01	0.00E+00	0.00E+00	4.38E-01	2.51E-07	1.99E-03	2.20E-02	0.00E+00	0.00E+00	1.17E-11	2.27E-10	1.63E-03	0.00E+00	0.00E+00	0.00E+00	5.99E-05	2.36E-02	9.29E+00	0.00E+00	1.02E-09	3.45E-08	5.48E-03	1.68E-05	1.25E-02	0.00E+00	9.29E+00	2.67E-08	9.29E+00	9.37E+00	1.25E-02	0.00E+00	0.00E+00	0.00E+00	2.55E-03
U-MTGG603TB2503	2.05E-03	3.22E-01	0.00E+00	3.22E-01	0.00E+00	0.00E+00	2.13E-01	1.22E-07	9.66E-04	1.06E-02	0.00E+00	0.00E+00	5.67E-12	1.10E-10	7.86E-04	0.00E+00	0.00E+00	0.00E+00	2.87E-05	1.13E-02	4.53E+00	0.00E+00	4.96E-10	1.66E-08	2.67E-03	8.12E-06	6.03E-03	0.00E+00	4.53E+00	1.28E-08	4.53E+00	4.53E+00	6.03E-03	0.00E+00	0.00E+00	0.00E+00	1.22E-03
U-MTGG63X2503	2.03E-03	3.20E-01	0.00E+00	3.20E-01	0.00E+00	0.00E+00	2.12E-01	1.21E-07	9.57E-04	1.05E-02	0.00E+00	0.00E+00	5.65E-12	1.10E-10	7.82E-04	0.00E+00	0.00E+00	0.00E+00	2.85E-05	1.12E-02	4.49E+00	0.00E+00	4.92E-10	1.65E-08	2.65E-03	8.07E-06	5.98E-03	0.00E+00	4.49E+00	1.27E-08	4.49E+00	4.50E+00	5.98E-03	0.00E+00	0.00E+00	0.00E+00	1.21E-03
U-MTGG63Y2503	1.90E-03	3.01E-01	0.00E+00	3.01E-01	0.00E+00	0.00E+00	1.97E-01	1.13E-07	8.97E-04	9.85E-03	0.00E+00	0.00E+00	5.32E-12	1.03E-10	7.30E-04	0.00E+00	0.00E+00	0.00E+00	2.68E-05	1.05E-02	4.20E+00	0.00E+00	4.61E-10	1.54E-08	2.49E-03	7.58E-06	5.61E-03	0.00E+00	4.20E+00	1.19E-08	4.20E+00	4.21E+00	5.61E-03	0.00E+00	0.00E+00	0.00E+00	1.13E-03
U-MTGG703TB2503	2.75E-03	4.29E-01	0.00E+00	4.29E-01	0.00E+00	0.00E+00	2.82E-01	1.59E-07	1.28E-03	1.42E-02	0.00E+00	0.00E+00	7.70E-12	1.49E-10	1.06E-03	0.00E+00	0.00E+00	0.00E+00	3.86E-05	1.54E-02	6.10E+00	0.00E+00	6.70E-10	2.21E-08	3.55E-03	1.09E-05	7.92E-03	0.00E+00	6.10E+00	1.73E-08	6.10E+00	6.00E+00	7.92E-03	0.00E+00	0.00E+00	0.00E+00	1.64E-03
U-MTGK453TB2503	1.58E-03	2.51E-01	0.00E+00	2.51E-01	0.00E+00	0.00E+00	1.64E-01	9.41E-08	7.45E-04	8.20E-03	0.00E+00	0.00E+00	4.41E-12	8.52E-11	6.09E-04	0.00E+00	0.00E+00	0.00E+00	2.22E-05	8.77E-03	3.50E+00	0.00E+00	3.85E-10	1.29E-08	2.06E-03	6.29E-06	4.68E-03	0.00E+00	3.50E+00	9.90E-09	3.50E+00	3.51E+00	4.68E-03	0.00E+00	0.00E+00	0.00E+00	9.53E-04
U-MTGK603TB2503	2.09E-03	3.30E-01	0.00E+00	3.30E-01	0.00E+00	0.00E+00	2.18E-01	1.24E-07	9.84E-04	1.08E-02	0.00E+00	0.00E+00	5.82E-12	1.12E-10	7.99E-04	0.00E+00	0.00E+00	0.00E+00	2.92E-05	1.16E-02	4.62E+00	0.00E+00	5.04E-10	1.71E-08	2.72E-03	8.31E-06	6.13E-03	0.00E+00	4.62E+00	1.31E-08	4.62E+00	4.61E+00	6.13E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03
U-MTGK63X2503	2.03E-03	3.20E-01	0.00E+00	3.20E-01	0.00E+00	0.00E+00	2.12E-01	1.21E-07	9.57E-04	1.05E-02	0.00E+00	0.00E+00	5.65E-12	1.10E-10	7.82E-04	0.00E+00	0.00E+00	0.00E+00	2.85E-05	1.12E-02	4.49E+00	0.00E+00	4.92E-10	1.65E-08	2.65E-03	8.07E-06	5.98E-03	0.00E+00	4.49E+00	1.27E-08	4.49E+00	4.50E+00	5.98E-03	0.00E+00	0.00E+00	0.00E+00	1.21E-03
U-MTGK63Y2503	2.03E-03	3.20E-01	0.00E+00	3.20E-01	0.00E+00	0.00E+00	2.12E-01	1.21E-07	9.57E-04	1.05E-02	0.00E+00	0.00E+00	5.65E-12	1.10E-10	7.82E-04	0.00E+00	0.00E+00	0.00E+00	2.85E-05	1.12E-02	4.49E+00	0.00E+00	4.92E-10	1.65E-08	2.65E-03	8.07E-06	5.98E-03	0.00E+00	4.49E+00	1.27E-08	4.49E+00	4.50E+00	5.98E-03	0.00E+00	0.00E+00	0.00E+00	1.21E-03
U-MTGK703TB2503	2.84E-03	4.41E-01	0.00E+00	4.41E-01	0.00E+00	0.00E+00	2.96E-01	1.65E-07	1.34E-03	1.45E-02	0.00E+00	0.00E+00	7.83E-12	1.50E-10	1.14E-03	0.00E+00	0.00E+00	0.00E+00	3.99E-05	1.58E-02	6.34E+00	0.00E+00	6.84E-10	2.27E-08	3.66E-03	1.13E-05	8.24E-03	0.00E+00	6.34E+00	1.78E-08	6.34E+00	6.17E+00	8.24E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-03
U-MTK603S12	2.03E-03	3.20E-01	0.00E+00	3.20E-01	0.00E+00	0.00E+00	2.12E-01	1.21E-07	9.57E-04	1.05E-02	0.00E+00	0.00E+00	5.65E-12	1.10E-10	7.82E-04	0.00E+00	0.00E+00	0.00E+00	2.85E-05	1.12E-02	4.49E+00	0.00E+00	4.92E-10	1.65E-08	2.65E-03	8.07E-06	5.98E-03	0.00

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U-PFBGRM50	6.48E-04	1.01E-01	0.00E+00	1.01E-01	0.00E+00	0.00E+00	6.71E-02	3.82E-08	3.03E-04	3.31E-03	0.00E+00	0.00E+00	1.80E-12	3.47E-11	2.50E-04	0.00E+00	0.00E+00	0.00E+00	9.04E-06	3.59E-03	1.42E+00	0.00E+00	1.56E-10	5.28E-09	8.38E-04	2.55E-06	1.90E-03	0.00E+00	1.42E+00	4.02E-09	1.42E+00	1.42E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	3.89E-04
U-PFBGRM60	7.67E-04	1.22E-01	0.00E+00	1.22E-01	0.00E+00	0.00E+00	7.99E-02	4.61E-08	3.64E-04	3.98E-03	0.00E+00	0.00E+00	2.17E-12	4.12E-11	2.97E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-05	4.30E-03	1.72E+00	0.00E+00	1.88E-10	6.21E-09	1.01E-03	3.07E-06	2.30E-03	0.00E+00	1.72E+00	4.80E-09	1.72E+00	1.71E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	4.64E-04
U-PFBGRM80	1.11E-03	1.74E-01	0.00E+00	1.74E-01	0.00E+00	0.00E+00	1.15E-01	6.56E-08	5.19E-04	5.70E-03	0.00E+00	0.00E+00	3.07E-12	5.93E-11	4.29E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-05	6.15E-03	2.45E+00	0.00E+00	2.68E-10	9.05E-09	1.43E-03	4.36E-06	3.26E-03	0.00E+00	2.45E+00	6.88E-09	2.45E+00	2.44E+00	3.26E-03	0.00E+00	0.00E+00	0.00E+00	6.63E-04
U-PFBGRM85	1.11E-03	1.74E-01	0.00E+00	1.74E-01	0.00E+00	0.00E+00	1.15E-01	6.56E-08	5.19E-04	5.70E-03	0.00E+00	0.00E+00	3.07E-12	5.93E-11	4.29E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-05	6.15E-03	2.45E+00	0.00E+00	2.68E-10	9.05E-09	1.43E-03	4.36E-06	3.26E-03	0.00E+00	2.45E+00	6.88E-09	2.45E+00	2.44E+00	3.26E-03	0.00E+00	0.00E+00	0.00E+00	6.63E-04
U-PGFAW	6.55E-04	1.03E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	6.80E-02	3.89E-08	3.08E-04	3.39E-03	0.00E+00	0.00E+00	1.82E-12	3.53E-11	2.53E-04	0.00E+00	0.00E+00	0.00E+00	9.17E-06	3.59E-03	1.44E+00	0.00E+00	1.59E-10	5.33E-09	8.53E-04	2.59E-06	1.93E-03	0.00E+00	1.44E+00	4.08E-09	1.44E+00	1.45E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	3.87E-04
U-PGLT50LR3518	7.37E-04	1.17E+00	0.00E+00	1.17E+00	0.00E+00	0.00E+00	7.59E-01	4.37E-07	3.45E-03	3.90E-02	0.00E+00	0.00E+00	2.04E-11	3.97E-10	2.82E-03	0.00E+00	0.00E+00	0.00E+00	1.03E-04	4.07E-02	1.63E+01	0.00E+00	1.78E-09	5.97E-08	9.60E-03	2.90E-05	2.27E-02	0.00E+00	1.63E+01	4.56E-08	1.63E+01	1.62E+01	2.27E-02	0.00E+00	0.00E+00	0.00E+00	4.39E-03
U-PGLT50LR3520	7.81E-03	1.24E+00	0.00E+00	1.24E+00	0.00E+00	0.00E+00	8.11E-01	4.63E-07	3.66E-03	4.12E-02	0.00E+00	0.00E+00	2.17E-11	4.21E-10	3.02E-03	0.00E+00	0.00E+00	0.00E+00	1.09E-04	4.33E-02	1.73E+01	0.00E+00	1.89E-09	6.36E-08	1.02E-02	3.08E-05	2.40E-02	0.00E+00	1.73E+01	4.86E-08	1.73E+01	1.72E+01	2.40E-02	0.00E+00	0.00E+00	0.00E+00	4.66E-03
U-PGLT50LR4018	6.75E-03	1.07E+00	0.00E+00	1.07E+00	0.00E+00	0.00E+00	7.01E-01	4.01E-07	3.18E-03	3.58E-02	0.00E+00	0.00E+00	1.88E-11	3.67E-10	2.61E-03	0.00E+00	0.00E+00	0.00E+00	9.45E-05	3.76E-02	1.49E+01	0.00E+00	1.64E-09	5.54E-08	8.87E-03	2.68E-05	2.09E-02	0.00E+00	1.49E+01	4.21E-08	1.49E+01	1.49E+01	2.09E-02	0.00E+00	0.00E+00	0.00E+00	4.07E-03
U-PGLT50LR4020	8.33E-03	1.32E+00	0.00E+00	1.32E+00	0.00E+00	0.00E+00	8.59E-01	4.94E-07	3.91E-03	4.38E-02	0.00E+00	0.00E+00	2.32E-11	4.49E-10	3.18E-03	0.00E+00	0.00E+00	0.00E+00	1.17E-04	4.62E-02	1.84E+01	0.00E+00	2.03E-09	6.75E-08	1.08E-02	3.29E-05	2.54E-02	0.00E+00	1.84E+01	5.20E-08	1.84E+01	1.84E+01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	5.00E-03
U-PGLT50LR6018	1.01E-02	1.58E+00	0.00E+00	1.58E+00	0.00E+00	0.00E+00	1.03E+00	5.88E-07	4.68E-03	5.26E-02	0.00E+00	0.00E+00	2.79E-11	5.37E-10	3.80E-03	0.00E+00	0.00E+00	0.00E+00	1.40E-04	5.56E-02	2.20E+01	0.00E+00	2.43E-09	8.08E-08	1.30E-02	3.93E-05	3.03E-02	0.00E+00	2.20E+01	6.24E-08	2.20E+01	2.21E+01	3.03E-02	0.00E+00	0.00E+00	0.00E+00	5.99E-03
U-PGLT50LR6020	1.01E-02	1.59E+00	0.00E+00	1.59E+00	0.00E+00	0.00E+00	1.03E+00	5.92E-07	4.70E-03	5.28E-02	0.00E+00	0.00E+00	2.80E-11	5.39E-10	3.87E-03	0.00E+00	0.00E+00	0.00E+00	1.40E-04	5.56E-02	2.21E+01	0.00E+00	2.44E-09	8.12E-08	1.30E-02	3.95E-05	3.04E-02	0.00E+00	2.21E+01	6.26E-08	2.21E+01	2.22E+01	3.04E-02	0.00E+00	0.00E+00	0.00E+00	6.01E-03
U-PGLTE35	1.75E-03	2.85E-01	0.00E+00	2.85E-01	0.00E+00	0.00E+00	1.80E-01	1.04E-07	8.20E-04	1.01E-02	0.00E+00	0.00E+00	4.84E-12	9.72E-11	6.71E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-05	9.68E-03	3.85E+00	0.00E+00	4.23E-10	1.42E-08	2.34E-03	6.85E-06	6.22E-03	0.00E+00	3.85E+00	1.08E-08	3.85E+00	3.84E+00	6.22E-03	0.00E+00	0.00E+00	0.00E+00	1.05E-03
U-PGLTE40	3.87E-03	6.18E-01	0.00E+00	6.18E-01	0.00E+00	0.00E+00	4.00E-01	2.30E-07	1.84E-03	2.11E-02	0.00E+00	0.00E+00	1.08E-11	2.11E-10	1.46E-03	0.00E+00	0.00E+00	0.00E+00	5.34E-05	2.14E-02	8.55E+00	0.00E+00	9.32E-10	3.19E-08	5.08E-03	1.52E-05	1.26E-02	0.00E+00	8.55E+00	2.40E-08	8.55E+00	8.60E+00	1.26E-02	0.00E+00	0.00E+00	0.00E+00	2.31E-03
U-PGLTLR3518	6.90E-03	1.10E+00	0.00E+00	1.10E+00	0.00E+00	0.00E+00	7.17E-01	4.09E-07	3.25E-03	3.67E-02	0.00E+00	0.00E+00	1.92E-11	3.74E-10	2.66E-03	0.00E+00	0.00E+00	0.00E+00	9.66E-05	3.83E-02	1.53E+01	0.00E+00	1.67E-09	5.64E-08	9.05E-03	2.73E-05	2.13E-02	0.00E+00	1.53E+01	4.30E-08	1.53E+01	1.52E+01	2.13E-02	0.00E+00	0.00E+00	0.00E+00	4.14E-03
U-PGLTLR3520	7.23E-03	1.15E+00	0.00E+00	1.15E+00	0.00E+00	0.00E+00	7.47E-01	4.30E-07	3.40E-03	3.84E-02	0.00E+00	0.00E+00	2.01E-11	3.92E-10	2.78E-03	0.00E+00	0.00E+00	0.00E+00	1.01E-04	4.00E-02	1.60E+01	0.00E+00	1.75E-09	5.89E-08	9.46E-03	2.86E-05	2.24E-02	0.00E+00	1.60E+01	4.50E-08	1.60E+01	1.60E+01	2.24E-02	0.00E+00	0.00E+00	0.00E+00	4.31E-03
U-PGLTLR4018	7.39E-03	1.17E+00	0.00E+00	1.17E+00	0.00E+00	0.00E+00	7.61E-01	4.37E-07	3.46E-03	3.91E-02	0.00E+00	0.00E+00	2.05E-11	3.98E-10	2.83E-03	0.00E+00	0.00E+00	0.00E+00	1.03E-04	4.08E-02	1.63E+01	0.00E+00	1.78E-09	5.99E-08	9.64E-03	2.91E-05	2.28E-02	0.00E+00	1.63E+01	4.58E-08	1.63E+01	1.63E+01	2.28E-02	0.00E+00	0.00E+00	0.00E+00	4.40E-03
U-PGLTLR4020	7.81E-03	1.24E+00	0.00E+00	1.24E+00	0.00E+00	0.00E+00	8.10E-01	4.62E-07	3.66E-03	4.12E-02	0.00E+00	0.00E+00	2.17E-11	4.21E-10	3.01E-03	0.00E+00	0.00E+00	0.00E+00	1.09E-04	4.32E-02	1.72E+01	0.00E+00	1.89E-09	6.36E-08	1.02E-02	3.08E-05	2.39E-02	0.00E+00	1.72E+01	4.86E-08	1.72E+01	1.72E+01	2.39E-02	0.00E+00	0.00E+00	0.00E+00	4.66E-03
U-PGLTLR6018	9.45E-03	1.50E+00	0.00E+00	1.50E+00	0.00E+00	0.00E+00	9.75E-01	5.57E-07	4.44E-03	5.02E-02	0.00E+00	0.00E+00	2.64E-11	5.07E-10	3.65E-03	0.00E+00	0.00E+00	0.00E+00	1.32E-04	5.29E-02	2.07E+01	0.00E+00	2.31E-09	7.66E-08	1.23E-02	3.74E-05	2.86E-02	0.00E+00	2.07E+01	5.90E-08	2.07E+01	2.09E+01	2.86E-02	0.00E+00	0.00E+00	0.00E+00	5.67E-03
U-PGLTLR6020	1.00E-02	1.58E+00	0.00E+00	1.58E+00	0.00E+00	0.00E+00	1.03E+00	5.88E-07	4.68E-03	5.26E-02	0.00E+00	0.00E+00	2.79E-11	5.37E-10	3.86E-03	0.00E+00	0.00E+00	0.00E+00	1.40E-04	5.56E-02	2.20E+01	0.00E+00	2.43E-09	8.08E-08	1.30E-02	3.93E-05	3.03E-02	0.00E+00	2.20E+01	6.24E-08	2.20E+01	2.21E+01	3.03E-02	0.00E+00	0.00E+00	0.00E+00	5.99E-03
U-PGLTM3518	1.21E-02	1.93E+00	0.00E+00	1.93E+00	0.00E+00	0.00E+00	1.25E+00	7.24E-07	5.71E-03	6.40E-02	0.00E+00	0.00E+00	3.48E-11	6.61E-10	4.66E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-04	6.83E-02	2.69E+01	0.00E+00	3.02E-09	9.91E-08	1.59E-02	4.83E-05	3.70E-02	0.00E+00	2.69E+01	7.55E-08	2.69E+01	2.75E+01	3.70E-02	0.00E+00	0.00E+00	0.00E+00	7.52E-03
U-PGLTM3520	1.21E-02	1.93E+00	0.00E+00	1.93E+00	0.00E+00	0.00E+00	1.26E+00	7.25E-07	5.72E-03	6.41E-02	0.00E+00	0.00E+00	3.47E-11	6.61E-10	4.67E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-04	6.84E-02	2.70E+01	0.00E+00	3.02E-09	9.95E-08	1.59E-02	4.85E-05	3.71E-02	0.00E+00	2.70E+01	7.56E-08	2.70E+01	2.75E+01	3.71E-02	0.00E+00	0.00E+00	0.00E+00	7.53E-03
U-PGLTM4018	1.21E-02	1.93E+00	0.00E+00	1.93E+00	0.00E+00	0.00E+00	1.26E+00	7.25E-07	5.72E-03	6.41E-02	0.00E+00	0.00E+00	3.47E-11	6.61E-10	4.67E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-04	6.84E-02	2.70E+01	0.00E+00	3.02E-09	9.95E-08	1.59E-02	4.85E-05	3.71E-02	0.00E+00	2.70E+01	7.56E-08	2.70E+01	2.75E+01	3.71E-02	0.00E+00	0.00E+00	0.00E+00	7.53E-03
U-PGLTM4020	1.30E-02	1.97E+00	0.00E+00	1.97E+00	0.00E+00	0.00E+00	1.28E+00	7.42E-07	5.87E-03	6.54E-02	0.00E+00	0.00E+00	3.53E-11	6.76E-10	4.76E-03	0.00E+00	0.00E+00	0.00E+00	1.77E-04	6.93E-02	2.77E+01	0.00E+00	3.07E-09	1.02E-07	1.63E-02	4.94E-05	3.79E-02	0.00E+00	2.77E+01	7.74E-08	2.77E+01	2.81E+01	3.79E-02	0.00E+00	0.00E+00	0.00E+00	7.59E-03
U-PGLTM6018	1.50E-02	2.40E+00	0.00E+00	2.40E+00	0.00E+00	0.00E+00	1.56E+00	8.92E-07	7.08E-03	7.96E-02	0.00E+00	0.00E+00	4.23E-11	7.98E-10	5.81E-03	0.00E+00	0.00E+00	0.00E+00	2.08E-04	8.27E-02	3.41E+01	0.00E+00	3.61E-09	1.23E-07	1.96E-02	5.94E-05	4.60E-02	0.00E+00	3.41E+01	9.26E-08	3.41E+01	3.38E+01	4.60E-02	0.00E+00	0.00E+00	0.00E+00	8.88E-03
U-PGLTM6020	1.58E-02	2.51E+00	0.00E+00	2.51E+00	0.00E+00	0.00E+00	1.66E+00	9.25E-07	7.42E-03	8.24E-02	0.00E+00	0.00E+00	4.39E-11	8.38E-10	6.09E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-04	8.77E-02	3.56E+01	0.00E+00	3.73E-09	1.29E-07	2.07E-02	6.16E-05	4.89E-02	0.00E+00	3.56E+01	9.78E-08	3.56E+01	3.56E+01	4.89E-02	0.00E+00	0.00E+00	0.00E+00	9.41E-03
U-PGLTT50	3.08E-03	4.95E-01	0.00E+00	4.95E-01	0.00E+00	0.00E+00	3.19E-01	1.82E-07	1.45E-03	1.69E-02	0.00E+00	0.00E+00	8.53E-12	1.69E-10	1.18E-03	0.00E+00	0.00E+00	0.00E+00	4.29E-05	1.71E-02	6.79E+00	0.00E+00	7.46E-10	2.51E-08	4.07E-03	1.22E-05	1.01E-02	0.00E+00	6.79E+00	1.91E-08	6.79E+00	6.79E+00	1.01E-02	0.00E+00	0.00E+00	0.00E+00	1.85E-03
U-PGNH60	8.71E-03	1.72E+00	0.00E+00	1.72E+00	0.00E+00	0.00E+00	1.09E+00	4.17E-07	3.29E-03	5.91E-02	0.00E+00	0.00E+00	2.15E-11	4.33E-10	2.97E-03	0.00E+00	0.00E+00	0.00E+00	1.67E-04	5.44E-02	1.78E+01	0.00E+00	1.81E-09	1.04E-07	1.20E-02	3.74E-05	2.33E-02	0.00E+00	1.78E+01	6.43E-08	1.78E+01	1.89E+01	2.33E-02	0.00E+00	0.00E+00	0.00E+00	3.98E-03
U-PHA30	8.92E-03	1.41E+00	0.00E+00	1.41E+00	0.00E+00	0.00E+00	9.22E-01	5.27E-07	4.17E-03	4.57E-02	0.00E+00	0.00E+00	2.47E-11	4.78E-10	3.41E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-04	4.95E-02	1.96E+01	0.00E+00	2.14E-09	7.19E-08	1.15E-02	3.52E-05	2.62E-02	0.00E+00	1.96E+01	5.55E-08	1.96E+01	1.96E+01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	5.35E-03
U-PHA35	1.01E-02	1.59E+00	0.00E+00	1.59E+00	0.00E+00	0.00E+00	1.04E+00	5.94E-07	4.73E-03	5.22E-02	0.00E+00	0.00E+00	2.79E-11	5.41E-10	3.87E-03	0.00E+00	0.00E+00	0.00E+00	1.42E-04	5.66E-02	2.21E+01	0.00E+00	2.46E-09	8.14E-08	1.31E-02	3.98E-05	2.97E-02	0.00E+00	2.21E+01	6.31E-08	2.21E+01	2.22E+01	2.97E-02	0.00E+00	0.00E+00	0.00E+00	6.04E-03
U-PHA40	1.34E-02	2.06E+00	0.00E+00	2.06E+00	0.00E+00	0.00E+00	1.36E+00	7.83E-07	6.15E-03	6.69E-02	0.00E+00	0.00E+00	3.76E-11	7.04E-10	5.01E-03	0.00E+00	0.00E+00	0.00E+00	1.88E-04	7.32E-02	2.93E+01	0.00E+00	3.26E-09	1.06E-07	1.71E-02	5.27E-05	3.86E-02	0.00E+00	2.93E+01	8.13E-08	2.93E+01	2.97E+01	3.86E-02	0.00E+00	0.00E+00	0.00E+00	7.90E-03
U-PHA60	2.94E-02	4.68E+00	0.00E+00	4.68E+00	0.00E+00	0.00E+00	3.13E+00	1.78E-06	1.41E-02	1.48E-01	0.00E+00	0.00E+00	8.30E-11	1.55E-09	1.16E-02	0.00E+00	0.00E+00	0.00E+00	4.17E-04	1.66E-01	6.57E+01	0.00E+00	7.18E-09	2.36E-07	3.97E-02	1.16E-04	8.71E-02	0.00E+00	6.57E+01	1.88E-07	6.57E+01	6.89E+01	8.71E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-02
U-PHB30	8.92E-03	1.41E+00	0.00E+00	1.41E+00	0.00E+00	0.00E+00	9.22E-01	5.27E-07	4.17E-03	4.57E-02	0.00E+00	0.00E+00	2.47E-11	4.78E-10	3.41E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-04	4.95E-02	1.96E+01	0.00E+00	2.14E-09	7.19E-08	1.15E-02	3.52E-05	2.62E-02	0.00E+00	1.96E+01	5.55E-08	1.96E+01	1.96E+01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	5.35E-03
U-PHB35	1.01E-02	1.59E+00	0.00E+00	1.59E+00	0.00E+00	0.00E+00	1.04E+00	5.94E-07	4.73E-03	5.22E-02	0.00E+00	0.00E+00	2.79E-11	5.41E-10	3.87E-03	0.00E+00	0.00E+00	0.00E+00	1.42E-04	5.66E-02	2.21E+01	0.00E+00	2.46E-09	8.14E-08	1.31E-02	3.98E-05	2.97E-02	0.00E+00	2.21E+01	6.31E-08	2.21E+01	2.22E+01	2.97E-02	0.00E+00	0.00E+00	0.00E+00	6.04E-03
U-PHB40	1.34E-02	2.06E+00	0.00E+00	2.06E+00	0.00E+00	0.00E+00	1.36E+00	7.83E-07	6.15E-03	6.69E-02	0.00E+00	0.00E+00	3.76E-11	7.04E-10	5.01E-03	0.00E+00	0.00E+00	0.00E+00	1.88E-04	7.32E-02	2.93E+01	0.00E+00	3.26E-09	1.06E-07	1.71E-02	5.27E-05	3.86E-02	0.00E+00	2.93E+01	8.13E-08	2.93E+01	2.97E+01	3.86E-02	0.00E+00	0.00E+00	0.00E+00	7.90E-03
U-PHB60	2.94E-02	4.68E+00	0.00E+00	4.68E+00	0.00E+00	0.00E+00	3.13E+00	1.78E-06	1.41E-02	1.48E-01	0.00E+00	0.00E+00	8.30E-11	1.55E-09	1.16E-02	0.00E+00	0.00E+00	0.00E+00	4.17E-04	1.66E-01	6.57E+01	0.00E+00	7.18E-09	2.36E-07	3.97E-02	1.16E-04	8.71E-02	0.00E+00	6.57E+01	1.88E-07	6.57E+01	6.89E+01	8.71E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-02
U-PHC30	6.50E-04	1.03E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	6.75E-02	3.89E-08	3.08E-04	3.38E-03	0.00E+00	0.00E+00	1.82E-12	3.52E-11	2.53E-04	0.00E+00	0.00E+00	0.00E+00	9.16E-06	3.61E-03	1.44E+00	0.00E+00	1.58E-10	5.31E-09	8.52E-04	2.58E-06	1.93E-03	0.00E+00	1.44E+00	4.07E-09	1.44E+00	1.45E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	3.86E-04
U-PHC35	8.92E-03	1.41E+00	0.00E+00	1.41E+00	0.00E+00	0.00E+00	9.22E-01	5.27E-07	4.17E-03	4.57E-02	0.00E+00	0.00E+00	2.47E-11	4.78E-10	3.41E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-04	4.95E-02	1.96E+01	0.00E+00	2.14E-09	7.19E-08	1.15E-02	3.52E-05	2.62E-02	0.00E+00	1.96E+01	5.55E-08	1.96E+01	1.96E+01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	5.35E-03
U-PHC40	1.21E-02	1.92E+00	0.00E+00	1.92E+00	0.00E+00	0.00E+00	1.25E+00	7.22E-07	5.68E-03	6.26E-02	0.00E+00	0.00E+00	3.43E-11	6.58E-10	4.64E-03	0.00E+00	0.00E+00	0.00E+00	1.72E-04	6.86E-02	2.68E+01	0.00E+00	3.01E-09	9.90E-08	1.59E-02	4.85E-05	3.59E-02	0.00E+00	2.68E+01	7.52E-08	2.68E+01	2.74E+01	3.59E-02	0.00E+00	0.00E+00	0.00E+00	7.58E-03
U-PHC60	2.82E-02	4.40E+00	0.00E+00	4.40E+00	0.00E+00	0.00E+00	2.94E+00	1.67E-06	1.33E-02	1.42E-01	0.00E+00	0.00E+00	7.77E-11	1.48E-09	1.12E-02	0.00E+00	0.00E+00	0.00E+00	3.94E-04	1.57E-01	6.20E+01	0.00E+00	6.78E-09	2.23E-07	3.74E-02	1.11E-04	8.17E-02	0.00E+00	6.20E+01	1.77E-07	6.20E+01	6.55E+01	8.17E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-02
U-PHD30	6.50E-04	1.03E-01	0.00E+00	1.03E-01	0.00E+00	0.00E+00	6.75E-02	3.89E-08	3.08E-04	3.38E-03	0.00E+00	0.00E+00	1.82E-12	3.52E-11	2.53E-04	0.00E+00	0.00E+00	0.00E+00	9.16E-06	3.61E-03	1.44E+00	0.00E+00	1.58E-10	5.31E-09	8.52E-04	2.58E-06	1.93E-03	0.00E+00	1.44E+00	4.07E-09	1.44E+00	1.45E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	3.86E-04
U-PHD35	8.92E-03	1.41E+00	0.00E+00	1.41E+00	0.00E+00	0.00E+00	9.22E-01	5.27E-07	4.17E-03	4.57E-02	0.00E+00	0.00E+00	2.47E-11	4.78E-10	3.41E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-04	4.95E-02	1.96E+01	0.00E+00	2.14E-09	7.19E-08	1.15E-02	3.52E-05	2.62E-02	0.00E+00	1.96E+01	5.55E-08	1.96E+01	1.96E+01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	5.35E-03
U-PHD40	1.21E-02	1.92E+00	0.00E+00	1.92E+00	0.00E+00	0.00E+00	1.25E+00	7.22E-07	5.68E-03	6.26E-02	0.00E+00	0.00E+00	3.43E-11	6.58E-10	4.64E-03	0.00E+00	0.00E+00	0.00E+00	1.72E-04	6.86E-02	2.68E+01	0.00E+00	3.01E-09	9.90E-08	1.59E-02	4.85E-05	3.59E-02	0.00E+00	2.68E+01	7.52E-08	2.68E+01	2.74E+01	3.59E-02	0.00E+00	0.00E+00	0.00E+00	7.58E-03
U-PHD60	2.82E-02	4.40E+00	0.00E+00	4.40E+00	0.00E+00	0.00E+00	2.94E+00	1.67E-06	1.33E-02	1.42E-01	0.00E+00	0.00E+00	7.77E-11	1.48E-09	1.12E-02	0.00E+00	0.00E+00	0.00E+00	3.94E-04	1.57E-01	6.20E+01	0.00E+00	6.78E-09	2.23E-07	3.74E-02	1.11E-04	8.17E-02	0.00E+00	6.20E+01	1.77E-07	6.20E+01	6.55E+01	8.17E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-02
U-PHNA30	2.29E-04	3.56E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	2.40E-02	1.37E-08	1.08E-04	1.21E-03	0.00E+00	0.00E+00	6.53E-13	1.25E-11	8.94E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	1.28E-03	5.05E-01	0.00E+00	5.72E-11	1.88E-09	3.02E-04	9.04E-07	6.80E-04	0.00E+00	5.05E-01	1.42E-09	5.05E-01	5.18E-01	6.80E-04	0.00E+00	0.00E+00	0.00E+00	1.36E-04
U-PHNA35	3.53E-04	5.57E-02	0.00E+00	5.57E-02	0.00E+00	0.00E+00	3.66E-02	2.09E-08	1.65E-04	1.81E-03	0.00E+00	0.00E+00	9.71E-13	1.88E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.93E-06	1.94E-03	7.74E-01	0.00E+00	8.50E-11	2.87E-09	4.58E-04	1.39E-06	1.04E-03	0.00E+00	7.74E-01	2.19E-09	7.74E-01	7.75E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.09E-04
U-PHNC30	2.29E-04	3.56E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	2.40E-02	1.37E-08	1.08E-04	1.21E-03	0.00E+00	0.00E+00	6.53E-13	1.25E-11	8.94E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	1.28E-03	5.05E-01	0.00E+00	5.72E-11	1.88E-09	3.02E-04	9.04E-07	6.80E-04	0.00E+00	5.05E-01	1.42E-09	5.05E-01	5.18E-01	6.80E-04	0.00E+00	0.00E+00	0.00E+00	1.36E-04
U-P

U-PKR1356018	3.47E-02	5.25E+00	0.00E+00	5.25E+00	0.00E+00	0.00E+00	3.47E+00	2.05E-06	1.61E-02	1.79E-01	0.00E+00	0.00E+00	9.23E-11	1.85E-09	1.40E-02	0.00E+00	0.00E+00	0.00E+00	4.81E-04	1.90E-01	7.68E+01	0.00E+00	8.08E-09	2.79E-07	4.44E-02	1.33E-04	1.04E-01	0.00E+00	7.68E+01	2.10E-07	7.68E+01	7.42E+01	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.02E-02
U-PKR1356020	3.53E-02	5.33E+00	0.00E+00	5.33E+00	0.00E+00	0.00E+00	3.57E+00	2.10E-06	1.64E-02	1.84E-01	0.00E+00	0.00E+00	9.65E-11	1.90E-09	1.41E-02	0.00E+00	0.00E+00	0.00E+00	4.88E-04	1.99E-01	7.95E+01	0.00E+00	8.24E-09	2.85E-07	4.48E-02	1.37E-04	1.07E-01	0.00E+00	7.95E+01	2.14E-07	7.95E+01	7.58E+01	1.07E-01	0.00E+00	0.00E+00	0.00E+00	2.04E-02
U-PKR1403518	3.30E-02	5.10E+00	0.00E+00	5.10E+00	0.00E+00	0.00E+00	3.35E+00	2.00E-06	1.55E-02	1.70E-01	0.00E+00	0.00E+00	8.91E-11	1.76E-09	1.33E-02	0.00E+00	0.00E+00	0.00E+00	4.66E-04	1.87E-01	7.38E+01	0.00E+00	7.85E-09	2.68E-07	4.34E-02	1.27E-04	1.00E-01	0.00E+00	7.38E+01	2.05E-07	7.38E+01	7.21E+01	1.00E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
U-PKR1403520	3.30E-02	5.10E+00	0.00E+00	5.10E+00	0.00E+00	0.00E+00	3.35E+00	2.00E-06	1.55E-02	1.70E-01	0.00E+00	0.00E+00	8.91E-11	1.76E-09	1.33E-02	0.00E+00	0.00E+00	0.00E+00	4.66E-04	1.87E-01	7.38E+01	0.00E+00	7.85E-09	2.68E-07	4.34E-02	1.27E-04	1.00E-01	0.00E+00	7.38E+01	2.05E-07	7.38E+01	7.21E+01	1.00E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
U-PKR1404018	3.30E-02	5.10E+00	0.00E+00	5.10E+00	0.00E+00	0.00E+00	3.35E+00	2.00E-06	1.55E-02	1.70E-01	0.00E+00	0.00E+00	8.91E-11	1.76E-09	1.33E-02	0.00E+00	0.00E+00	0.00E+00	4.66E-04	1.87E-01	7.38E+01	0.00E+00	7.85E-09	2.68E-07	4.34E-02	1.27E-04	1.00E-01	0.00E+00	7.38E+01	2.05E-07	7.38E+01	7.21E+01	1.00E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
U-PKR1404020	3.34E-02	5.14E+00	0.00E+00	5.14E+00	0.00E+00	0.00E+00	3.39E+00	2.02E-06	1.57E-02	1.71E-01	0.00E+00	0.00E+00	9.00E-11	1.78E-09	1.35E-02	0.00E+00	0.00E+00	0.00E+00	4.68E-04	1.87E-01	7.41E+01	0.00E+00	7.91E-09	2.73E-07	4.37E-02	1.28E-04	1.01E-01	0.00E+00	7.41E+01	2.08E-07	7.41E+01	7.27E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.95E-02
U-PKR1406018	3.47E-02	5.25E+00	0.00E+00	5.25E+00	0.00E+00	0.00E+00	3.47E+00	2.05E-06	1.61E-02	1.79E-01	0.00E+00	0.00E+00	9.23E-11	1.85E-09	1.40E-02	0.00E+00	0.00E+00	0.00E+00	4.81E-04	1.90E-01	7.68E+01	0.00E+00	8.08E-09	2.79E-07	4.44E-02	1.33E-04	1.04E-01	0.00E+00	7.68E+01	2.10E-07	7.68E+01	7.42E+01	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.02E-02
U-PKR1406020	3.60E-02	5.65E+00	0.00E+00	5.65E+00	0.00E+00	0.00E+00	3.84E+00	2.22E-06	1.76E-02	1.93E-01	0.00E+00	0.00E+00	1.04E-10	2.03E-09	1.49E-02	0.00E+00	0.00E+00	0.00E+00	5.16E-04	2.09E-01	8.40E+01	0.00E+00	8.83E-09	3.04E-07	4.72E-02	1.45E-04	1.13E-01	0.00E+00	8.40E+01	2.30E-07	8.40E+01	8.14E+01	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
U-PKR1503518	3.30E-02	5.10E+00	0.00E+00	5.10E+00	0.00E+00	0.00E+00	3.35E+00	2.00E-06	1.55E-02	1.70E-01	0.00E+00	0.00E+00	8.91E-11	1.76E-09	1.33E-02	0.00E+00	0.00E+00	0.00E+00	4.66E-04	1.87E-01	7.38E+01	0.00E+00	7.85E-09	2.68E-07	4.34E-02	1.27E-04	1.00E-01	0.00E+00	7.38E+01	2.05E-07	7.38E+01	7.21E+01	1.00E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
U-PKR1503520	3.34E-02	5.14E+00	0.00E+00	5.14E+00	0.00E+00	0.00E+00	3.39E+00	2.02E-06	1.57E-02	1.71E-01	0.00E+00	0.00E+00	9.00E-11	1.78E-09	1.35E-02	0.00E+00	0.00E+00	0.00E+00	4.68E-04	1.87E-01	7.41E+01	0.00E+00	7.91E-09	2.73E-07	4.37E-02	1.28E-04	1.01E-01	0.00E+00	7.41E+01	2.08E-07	7.41E+01	7.27E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.95E-02
U-PKR1504018	3.30E-02	5.10E+00	0.00E+00	5.10E+00	0.00E+00	0.00E+00	3.35E+00	2.00E-06	1.55E-02	1.70E-01	0.00E+00	0.00E+00	8.91E-11	1.76E-09	1.33E-02	0.00E+00	0.00E+00	0.00E+00	4.66E-04	1.87E-01	7.38E+01	0.00E+00	7.85E-09	2.68E-07	4.34E-02	1.27E-04	1.00E-01	0.00E+00	7.38E+01	2.05E-07	7.38E+01	7.21E+01	1.00E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
U-PKR1504020	3.36E-02	5.19E+00	0.00E+00	5.19E+00	0.00E+00	0.00E+00	3.43E+00	2.03E-06	1.57E-02	1.72E-01	0.00E+00	0.00E+00	9.01E-11	1.79E-09	1.36E-02	0.00E+00	0.00E+00	0.00E+00	4.71E-04	1.88E-01	7.43E+01	0.00E+00	7.95E-09	2.74E-07	4.40E-02	1.30E-04	1.01E-01	0.00E+00	7.43E+01	2.09E-07	7.43E+01	7.31E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.97E-02
U-PKR1506018	3.53E-02	5.33E+00	0.00E+00	5.33E+00	0.00E+00	0.00E+00	3.57E+00	2.10E-06	1.64E-02	1.84E-01	0.00E+00	0.00E+00	9.65E-11	1.90E-09	1.41E-02	0.00E+00	0.00E+00	0.00E+00	4.88E-04	1.99E-01	7.95E+01	0.00E+00	8.24E-09	2.85E-07	4.48E-02	1.37E-04	1.07E-01	0.00E+00	7.95E+01	2.14E-07	7.95E+01	7.58E+01	1.07E-01	0.00E+00	0.00E+00	0.00E+00	2.04E-02
U-PKR1506020	3.60E-02	5.65E+00	0.00E+00	5.65E+00	0.00E+00	0.00E+00	3.84E+00	2.22E-06	1.76E-02	1.93E-01	0.00E+00	0.00E+00	1.04E-10	2.03E-09	1.49E-02	0.00E+00	0.00E+00	0.00E+00	5.16E-04	2.09E-01	8.40E+01	0.00E+00	8.83E-09	3.04E-07	4.72E-02	1.45E-04	1.13E-01	0.00E+00	8.40E+01	2.30E-07	8.40E+01	8.14E+01	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
U-PKR1603518	3.30E-02	5.10E+00	0.00E+00	5.10E+00	0.00E+00	0.00E+00	3.35E+00	2.00E-06	1.55E-02	1.70E-01	0.00E+00	0.00E+00	8.91E-11	1.76E-09	1.33E-02	0.00E+00	0.00E+00	0.00E+00	4.66E-04	1.87E-01	7.38E+01	0.00E+00	7.85E-09	2.68E-07	4.34E-02	1.27E-04	1.00E-01	0.00E+00	7.38E+01	2.05E-07	7.38E+01	7.21E+01	1.00E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
U-PKR1603520	3.36E-02	5.19E+00	0.00E+00	5.19E+00	0.00E+00	0.00E+00	3.43E+00	2.03E-06	1.57E-02	1.72E-01	0.00E+00	0.00E+00	9.01E-11	1.79E-09	1.36E-02	0.00E+00	0.00E+00	0.00E+00	4.71E-04	1.88E-01	7.43E+01	0.00E+00	7.95E-09	2.74E-07	4.40E-02	1.30E-04	1.01E-01	0.00E+00	7.43E+01	2.09E-07	7.43E+01	7.31E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.97E-02
U-PKR1604018	3.34E-02	5.14E+00	0.00E+00	5.14E+00	0.00E+00	0.00E+00	3.39E+00	2.02E-06	1.57E-02	1.71E-01	0.00E+00	0.00E+00	9.00E-11	1.78E-09	1.35E-02	0.00E+00	0.00E+00	0.00E+00	4.68E-04	1.87E-01	7.41E+01	0.00E+00	7.91E-09	2.73E-07	4.37E-02	1.28E-04	1.01E-01	0.00E+00	7.41E+01	2.08E-07	7.41E+01	7.27E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.95E-02
U-PKR1604020	3.36E-02	5.19E+00	0.00E+00	5.19E+00	0.00E+00	0.00E+00	3.43E+00	2.03E-06	1.57E-02	1.72E-01	0.00E+00	0.00E+00	9.01E-11	1.79E-09	1.36E-02	0.00E+00	0.00E+00	0.00E+00	4.71E-04	1.88E-01	7.43E+01	0.00E+00	7.95E-09	2.74E-07	4.40E-02	1.30E-04	1.01E-01	0.00E+00	7.43E+01	2.09E-07	7.43E+01	7.31E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.97E-02
U-PKR1606018	3.53E-02	5.33E+00	0.00E+00	5.33E+00	0.00E+00	0.00E+00	3.57E+00	2.10E-06	1.64E-02	1.84E-01	0.00E+00	0.00E+00	9.65E-11	1.90E-09	1.41E-02	0.00E+00	0.00E+00	0.00E+00	4.88E-04	1.99E-01	7.95E+01	0.00E+00	8.24E-09	2.85E-07	4.48E-02	1.37E-04	1.07E-01	0.00E+00	7.95E+01	2.14E-07	7.95E+01	7.58E+01	1.07E-01	0.00E+00	0.00E+00	0.00E+00	2.04E-02
U-PKR1606020	3.60E-02	5.65E+00	0.00E+00	5.65E+00	0.00E+00	0.00E+00	3.84E+00	2.22E-06	1.76E-02	1.93E-01	0.00E+00	0.00E+00	1.04E-10	2.03E-09	1.49E-02	0.00E+00	0.00E+00	0.00E+00	5.16E-04	2.09E-01	8.40E+01	0.00E+00	8.83E-09	3.04E-07	4.72E-02	1.45E-04	1.13E-01	0.00E+00	8.40E+01	2.30E-07	8.40E+01	8.14E+01	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
U-PKR1803518	3.36E-02	5.19E+00	0.00E+00	5.19E+00	0.00E+00	0.00E+00	3.43E+00	2.03E-06	1.57E-02	1.72E-01	0.00E+00	0.00E+00	9.01E-11	1.79E-09	1.36E-02	0.00E+00	0.00E+00	0.00E+00	4.71E-04	1.88E-01	7.43E+01	0.00E+00	7.95E-09	2.74E-07	4.40E-02	1.30E-04	1.01E-01	0.00E+00	7.43E+01	2.09E-07	7.43E+01	7.31E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.97E-02
U-PKR1803520	3.36E-02	5.19E+00	0.00E+00	5.19E+00	0.00E+00	0.00E+00	3.43E+00	2.03E-06	1.57E-02	1.72E-01	0.00E+00	0.00E+00	9.01E-11	1.79E-09	1.36E-02	0.00E+00	0.00E+00	0.00E+00	4.71E-04	1.88E-01	7.43E+01	0.00E+00	7.95E-09	2.74E-07	4.40E-02	1.30E-04	1.01E-01	0.00E+00	7.43E+01	2.09E-07	7.43E+01	7.31E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.97E-02
U-PKR1804018	3.36E-02	5.19E+00	0.00E+00	5.19E+00	0.00E+00	0.00E+00	3.43E+00	2.03E-06	1.57E-02	1.72E-01	0.00E+00	0.00E+00	9.01E-11	1.79E-09	1.36E-02	0.00E+00	0.00E+00	0.00E+00	4.71E-04	1.88E-01	7.43E+01	0.00E+00	7.95E-09	2.74E-07	4.40E-02	1.30E-04	1.01E-01	0.00E+00	7.43E+01	2.09E-07	7.43E+01	7.31E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.97E-02
U-PKR1804020	3.36E-02	5.19E+00	0.00E+00	5.19E+00	0.00E+00	0.00E+00	3.43E+00	2.03E-06	1.57E-02	1.72E-01	0.00E+00	0.00E+00	9.01E-11	1.79E-09	1.36E-02	0.00E+00	0.00E+00	0.00E+00	4.71E-04	1.88E-01	7.43E+01	0.00E+00	7.95E-09	2.74E-07	4.40E-02	1.30E-04	1.01E-01	0.00E+00	7.43E+01	2.09E-07	7.43E+01	7.31E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.97E-02
U-PKR1806018	3.60E-02	5.65E+00	0.00E+00	5.65E+00	0.00E+00	0.00E+00	3.84E+00	2.22E-06	1.76E-02	1.93E-01	0.00E+00	0.00E+00	1.04E-10	2.03E-09	1.49E-02	0.00E+00	0.00E+00	0.00E+00	5.16E-04	2.09E-01	8.40E+01	0.00E+00	8.83E-09	3.04E-07	4.72E-02	1.45E-04	1.13E-01	0.00E+00	8.40E+01	2.30E-07	8.40E+01	8.14E+01	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
U-PKR1806020	3.85E-02	5.78E+00	0.00E+00	5.78E+00	0.00E+00	0.00E+00	3.84E+00	2.27E-06	1.77E-02	1.97E-01	0.00E+00	0.00E+00	1.05E-10	2.07E-09	1.50E-02	0.00E+00	0.00E+00	0.00E+00	5.23E-04	2.09E-01	8.57E+01	0.00E+00	9.05E-09	3.08E-07	4.74E-02	1.49E-04	1.14E-01	0.00E+00	8.57E+01	2.36E-07	8.57E+01	8.28E+01	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.16E-02
U-PKR603518	2.52E-02	3.85E+00	0.00E+00	3.85E+00	0.00E+00	0.00E+00	2.58E+00	1.56E-06	1.19E-02	1.33E-01	0.00E+00	0.00E+00	6.68E-11	1.34E-09	1.04E-02	0.00E+00	0.00E+00	0.00E+00	3.54E-04	1.45E-01	5.66E+01	0.00E+00	5.95E-09	2.09E-07	3.34E-02	9.86E-05	7.80E-02	0.00E+00	5.66E+01	1.55E-07	5.66E+01	5.43E+01	7.80E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-02
U-PKR603520	2.99E-02	4.53E+00	0.00E+00	4.53E+00	0.00E+00	0.00E+00	3.00E+00	1.80E-06	1.40E-02	1.53E-01	0.00E+00	0.00E+00	7.93E-11	1.59E-09	1.22E-02	0.00E+00	0.00E+00	0.00E+00	4.19E-04	1.68E-01	6.63E+01	0.00E+00	7.06E-09	2.40E-07	3.88E-02	1.14E-04	9.00E-02	0.00E+00	6.63E+01	1.82E-07	6.63E+01	6.49E+01	9.00E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-02
U-PKR604018	2.99E-02	4.53E+00	0.00E+00	4.53E+00	0.00E+00	0.00E+00	3.00E+00	1.80E-06	1.40E-02	1.53E-01	0.00E+00	0.00E+00	7.93E-11	1.59E-09	1.22E-02	0.00E+00	0.00E+00	0.00E+00	4.19E-04	1.68E-01	6.63E+01	0.00E+00	7.06E-09	2.40E-07	3.88E-02	1.14E-04	9.00E-02	0.00E+00	6.63E+01	1.82E-07	6.63E+01	6.49E+01	9.00E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-02
U-PKR604020	2.99E-02	4.53E+00	0.00E+00	4.53E+00	0.00E+00	0.00E+00	3.00E+00	1.80E-06	1.40E-02	1.53E-01	0.00E+00	0.00E+00	7.93E-11	1.59E-09	1.22E-02	0.00E+00	0.00E+00	0.00E+00	4.19E-04	1.68E-01	6.63E+01	0.00E+00	7.06E-09	2.40E-07	3.88E-02	1.14E-04	9.00E-02	0.00E+00	6.63E+01	1.82E-07	6.63E+01	6.49E+01	9.00E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-02
U-PKR606018	3.42E-02	5.25E+00	0.00E+00	5.25E+00	0.00E+00	0.00E+00	3.47E+00	2.05E-06	1.60E-02	1.77E-01	0.00E+00	0.00E+00	9.16E-11	1.83E-09	1.40E-02	0.00E+00	0.00E+00	0.00E+00	4.81E-04	1.90E-01	7.61E+01	0.00E+00	8.08E-09	2.77E-07	4.44E-02	1.32E-04	1.04E-01	0.00E+00	7.61E+01	2.10E-07	7.61E+01	7.37E+01	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
U-PKR606020	3.42E-02	5.25E+00	0.00E+00	5.25E+00	0.00E+00	0.00E+00	3.47E+00	2.05E-06	1.60E-02	1.77E-01	0.00E+00	0.00E+00	9.16E-11	1.83E-09	1.40E-02	0.00E+00	0.00E+00	0.00E+00	4.81E-04	1.90E-01	7.61E+01	0.00E+00	8.08E-09	2.77E-07	4.44E-02	1.32E-04	1.04E-01	0.00E+00	7.61E+01	2.10E-07	7.61E+01	7.37E+01	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
U-PKR803518	2.99E-02	4.53E+00	0.00E+00	4.53E+00	0.00E+00	0.00E+00	3.00E+00	1.80E-06	1.40E-02	1.53E-01	0.00E+00	0.00E+00	7.93E-11	1.59E-09	1.22E-02	0.00E+00	0.00E+00	0.00E+00	4.19E-04	1.68E-01	6.63E+01	0.00E+00	7.06E-09	2.40E-07	3.88E-02	1.14E-04	9.00E-02	0.00E+00	6.63E+01	1.82E-07	6.63E+01	6.49E+01	9.00E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-02
U-PKR803520	3.04E-02	4.64E+00	0.00E+00	4.64E+00	0.00E+00	0.00E+00	3.07E+00	1.83E-06	1.43E-02	1.57E-01	0.00E+00	0.00E+00	8.11E-11	1.62E-09	1.24E-02	0.00E+00	0.00E+00	0.00E+00	4.28E-04	1.72E-01	6.76E+01	0.00E+00	7.22E-09	2.45E-07	3.97E-02	1.16E-04	9.19E-02	0.00E+00	6.76E+01	1.87E-07	6.76E+01	6.62E+01	9.19E-02	0.00E+00	0.00E+00	0.00E+00	1.78E-02
U-PKR804018	2.99E-02	4.53E+00	0.00E+00	4.53E+00	0.00E+00	0.00E+00	3.00E+00	1.80E-06	1.40E-02	1.53E-01	0.00E+00	0.00E+00	7.93E-11	1.59E-09	1.22E-02	0.00E+00	0.00E+00	0.00E+00	4.19E-04	1.68E-01	6.63E+01	0.00E+00	7.06E-09	2.40E-07	3.88E-02	1.14E-04	9.00E-02	0.00E+00	6.63E+01	1.82E-07	6.63E+01	6.49E+01	9.00E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-02
U-PKR804020	3.14E-02	4.90E+00	0.00E+00	4.90E+00	0.00E+00	0.00E+00	3.24E+00	1.93E-06	1.50E-02	1.64E-01	0.00E+00	0.00E+00	8.57E-11	1.69E-09	1.30E-02	0.00E+00	0.00E+00	0.00E+00	4.49E-04	1.80E-01	7.12E+01	0.00E+00	7.61E-09	2.56E-07	4.20E-02	1.22E-04	9.73E-02	0.00E+00	7.12E+01	1.97E-07	7.12E+01	6.95E+01	9.73E-02	0.00E+00	0.00E+00	0.00E+00	1.84E-02
U-PKR806018	3.42E-02	5.25E+00	0.00E+00	5.25E+00	0.00E+00	0.00E+00	3.47E+00	2.05E-06	1.60E-02	1.77E-01	0.00E+00	0.00E+00	9.16E-11	1.83E-09	1.40E-02	0.00E+00	0.00E+00	0.00E+00	4.81E-04	1.90E-01	7.61E+01	0.00E+00	8.08E-09	2.77E-07	4.44E-02	1.32E-04	1.04E-01	0.00E+00	7.61E+01	2.10E-07	7.61E+01	7.37E+01	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
U-PKR806020	3.42E-02	5.25E+00	0.00E+00	5.25E+00	0.00E+00	0.00E+00	3.47E+00	2.05E-06	1.60E-02	1.77E-01	0.00E+00	0.00E+00	9.16E-11	1.83E-09	1.40E-02	0.00E+00	0.00E+00	0.00E+00	4.81E-04	1.90E-01	7.61E+01	0.00E+00	8.08E-09	2.77E-07	4.44E-02	1.32E-04	1.04E-01	0.00E+00	7.61E+01	2.10E-07	7.61E+01	7.37E+01	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
U-PKR853518	2.99E-02	4.53E+00	0.00E+00	4.53E+00	0.00E+00	0.00E+00	3.00E+00	1.80E-06	1.40E-02	1.53E-01	0.00E+00	0.00E+00	7.93E-11	1.59E-09	1.22E-02	0.00E+00	0.00E+00	0.00E+00	4.19E-04	1.68E-01	6.63E+01	0.00E+00	7.06E-09	2.40E-07	3.88E-02	1.14E-04	9.00E-02	0.00E+00	6.63E+01	1.82E-07	6.63E+01	6.49E+01	9.00E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-02
U-PKR853520	3.14E-02	4.90E+00	0.00E+00	4.90E+00	0.00E+00	0.00E+00	3.24E+00	1.93E-06	1.50E-02	1.64E-01	0.00E+00	0.00E+00	8.57E-11	1.69E-09	1.30E-02	0.00E+00	0.00E+00	0.00E+00	4.49E-04	1.80E-01	7.12E+01	0.00E+00	7.61E-09	2.56E-07	4.20E-02	1.22E-04	9.73E-02	0.00E+00	7.12E+01	1.97E-07	7.12E+01	6.95E+01	9.73E-02	0.00E+00	0.00E+00	0.00E+00	1.84E-02
U-PKR854018	3.04E-02	4.64E+00	0.00E+00	4.64E+00	0.00E+00	0.00E+00	3.07E+00	1.83E-06	1.43E-02	1.57E-01	0.00E+00	0.00E+00	8.11E-11	1.62E-09	1.24E-02	0.00E+00	0.00E+00	0.00E+00	4.28E-04	1.72E-01	6.76E+01	0.00E+00	7.22E-09	2.45E-07	3.97E-02	1.16E-04	9.19E-02	0.00E+00	6.76E+01	1.87E-07	6.76E+01	6.62E+01	9.19E-02	0.00E+00	0.00E+00	0.00E+00	1.78E-02
U-PKR854020	3.14E-02	4.91E+00	0.00E+00	4.91E+00	0.00E+00	0.00E+00	3.24E+00	1.93E-06	1.50E-02	1.64E-01	0.00E+00	0.00E+00	8.58E-11	1.69E-09	1.30E-02	0.00E+00	0.00E+00	0.00E+00	4.50E-04	1.80E-01	7.13E+01	0.00E+00	7.61E-09	2.56E-07	4.20E-02	1.22E-04	9.73E-02	0.00E+00	7.13E+01	1.98E-07	7.13E+01	6.96E+01	9.73E-02	0.00E+00	0.00E+00	0.00E+00	1.84E-02
U-PKR856018	3.42E-02	5.25E+00	0.00E+00	5.25E+00	0.00E+00	0.00E+00	3.47E+00	2.05E-06	1.60E-02	1.77E-01	0.00E+00	0.00E+00	9.16E-11	1.83E-09	1.40E-02	0.00E+00	0.00E+00	0.00E+00	4.81E-04	1.90E-01	7.61E+01	0.00E+00	8.08E-09	2.77E-07	4.44E-02	1.32E-04	1.04E-01	0.00E+00	7.61E+01	2.10E-07	7.61E+01	7.37E+01	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
U-PKR856020	3.42E-02	5.25E+00	0.00E+00	5.25E+00	0.00E+00	0.00E+00	3.47E+00	2.05E-06	1.60E-02	1.77E-01	0.00E+00	0.00E+00	9.16E-11	1.83E-09	1.40E-02	0.00E+00	0.00E+00	0.00E+00	4.81E-04	1.90E-01	7.61E+01	0.00E+00	8.08E-09	2.77E-07	4.44E-02	1.32E-04	1.04E-01	0.00E+00	7.61E+01	2.10E-07	7.61E+01	7.37E+01	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
U-PPE	2.40E-04	3.75E-02	0.00E+00	3.75E-02	0.00E+00	0.00E+00	2.51E-02	1.43E-08	1.14E-04	1.26E-03	0.00E+00	0.00E+00	6.77E-13	1.30E-11	9.32E-05	0.00E+00	0.00E+00	0.00E+00	3.37E-06	1.34E-03	5.31E-01	0.00E+00	5.83E-11	1.96E-09	3.16E-04	9.50E-07	7.12E-04	0.00E+00	5.31E-01	1.48E-09	5.31E-01	5.37E-01	7.12E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
U-PRSV30-1	4.55E-04	7.19E-02	0.00E+00	7.19E-02	0.00E+00	0.00E+00	4.73E-02	2.68E-08	2.11E-04	2.32E-03	0.00E+00	0.00E+00	1.25E-12	2.42E-11	1.75E-04	0.00E+00	0.00E+00	0.00E+00	6.31E-06	2.52E-03	9.99E-01	0.00E+00	1.10E-10	3.69E-09	5.85E-04	1.78E-06	1.33E-03	0.00E+00	9.99E-01	2.80E-09	9.99E-01	9.99E-01	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04
U-PRSV35-1	5.57E-04	8.61E-02

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U-SES4451001	1.36E-02	1.67E+00	0.00E+00	1.67E+00	0.00E+00	0.00E+00	1.20E+00	6.87E-07	5.67E-03	6.80E-02	0.00E+00	0.00E+00	3.44E-11	7.13E-10	5.12E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04	7.61E-02	2.70E+01	0.00E+00	2.85E-09	8.94E-08	1.68E-02	4.27E-05	3.98E-02	0.00E+00	2.70E+01	7.22E-08	2.70E+01	2.64E+01	3.98E-02	0.00E+00	0.00E+00	0.00E+00	7.08E-03
U-SES451002	1.77E-02	2.58E+00	0.00E+00	2.58E+00	0.00E+00	0.00E+00	1.76E+00	9.90E-07	8.03E-03	9.38E-02	0.00E+00	0.00E+00	4.62E-11	9.29E-10	7.13E-03	0.00E+00	0.00E+00	0.00E+00	2.58E-04	9.52E-02	4.00E+01	0.00E+00	4.01E-09	1.34E-07	2.32E-02	6.53E-05	5.61E-02	0.00E+00	4.00E+01	1.04E-07	4.00E+01	3.64E+01	5.61E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-02
U-SES45401	1.00E-02	1.07E+00	0.00E+00	1.07E+00	0.00E+00	0.00E+00	8.24E-01	4.66E-07	3.92E-03	4.94E-02	0.00E+00	0.00E+00	2.39E-11	5.18E-10	3.74E-03	0.00E+00	0.00E+00	0.00E+00	1.32E-04	5.70E-02	1.88E+01	0.00E+00	1.99E-09	5.92E-08	1.20E-02	2.80E-05	2.92E-02	0.00E+00	1.88E+01	4.90E-08	1.88E+01	1.82E+01	2.92E-02	0.00E+00	0.00E+00	0.00E+00	4.85E-03
U-SES45402	1.19E-02	1.64E+00	0.00E+00	1.64E+00	0.00E+00	0.00E+00	1.16E+00	6.66E-07	5.25E-03	6.42E-02	0.00E+00	0.00E+00	2.98E-11	6.25E-10	4.90E-03	0.00E+00	0.00E+00	0.00E+00	1.78E-04	6.36E-02	2.65E+01	0.00E+00	2.65E-09	8.61E-08	1.57E-02	4.24E-05	3.87E-02	0.00E+00	2.65E+01	6.92E-08	2.65E+01	2.29E+01	3.87E-02	0.00E+00	0.00E+00	0.00E+00	6.82E-03
U-SES45601	1.11E-02	1.27E+00	0.00E+00	1.27E+00	0.00E+00	0.00E+00	9.40E-01	5.36E-07	4.47E-03	5.55E-02	0.00E+00	0.00E+00	2.72E-11	5.80E-10	4.17E-03	0.00E+00	0.00E+00	0.00E+00	1.48E-04	6.31E-02	2.14E+01	0.00E+00	2.27E-09	6.86E-08	1.35E-02	3.27E-05	3.26E-02	0.00E+00	2.14E+01	5.64E-08	2.14E+01	2.08E+01	3.26E-02	0.00E+00	0.00E+00	0.00E+00	5.52E-03
U-SES45602	1.39E-02	1.97E+00	0.00E+00	1.97E+00	0.00E+00	0.00E+00	1.36E+00	7.89E-07	6.22E-03	7.51E-02	0.00E+00	0.00E+00	3.62E-11	7.42E-10	5.65E-03	0.00E+00	0.00E+00	0.00E+00	2.09E-04	7.61E-02	3.11E+01	0.00E+00	3.22E-09	1.04E-07	1.84E-02	5.08E-05	4.49E-02	0.00E+00	3.11E+01	8.21E-08	3.11E+01	2.81E+01	4.49E-02	0.00E+00	0.00E+00	0.00E+00	8.25E-03
U-SES45801	1.24E-02	1.48E+00	0.00E+00	1.48E+00	0.00E+00	0.00E+00	1.08E+00	6.17E-07	5.10E-03	6.21E-02	0.00E+00	0.00E+00	3.10E-11	6.51E-10	4.64E-03	0.00E+00	0.00E+00	0.00E+00	1.67E-04	7.01E-02	2.43E+01	0.00E+00	2.59E-09	7.93E-08	1.52E-02	3.81E-05	3.64E-02	0.00E+00	2.43E+01	6.50E-08	2.43E+01	2.38E+01	3.64E-02	0.00E+00	0.00E+00	0.00E+00	6.33E-03
U-SES45802	1.50E-02	2.11E+00	0.00E+00	2.11E+00	0.00E+00	0.00E+00	1.49E+00	8.40E-07	6.73E-03	7.90E-02	0.00E+00	0.00E+00	3.91E-11	7.89E-10	6.04E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04	8.04E-02	3.33E+01	0.00E+00	3.46E-09	1.10E-07	1.95E-02	5.44E-05	4.76E-02	0.00E+00	3.33E+01	8.80E-08	3.33E+01	3.04E+01	4.76E-02	0.00E+00	0.00E+00	0.00E+00	8.64E-03
U-SES651001	1.37E-02	1.68E+00	0.00E+00	1.68E+00	0.00E+00	0.00E+00	1.21E+00	6.93E-07	5.70E-03	6.83E-02	0.00E+00	0.00E+00	3.46E-11	7.17E-10	5.15E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04	7.63E-02	2.72E+01	0.00E+00	2.90E-09	9.01E-08	1.68E-02	4.31E-05	4.01E-02	0.00E+00	2.72E+01	7.26E-08	2.72E+01	2.65E+01	4.01E-02	0.00E+00	0.00E+00	0.00E+00	7.11E-03
U-SES651002	1.80E-02	2.61E+00	0.00E+00	2.61E+00	0.00E+00	0.00E+00	1.78E+00	1.00E-06	8.11E-03	9.45E-02	0.00E+00	0.00E+00	4.68E-11	9.38E-10	7.28E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04	9.66E-02	4.05E+01	0.00E+00	4.05E-09	1.36E-07	2.34E-02	6.63E-05	5.72E-02	0.00E+00	4.05E+01	1.06E-07	4.05E+01	3.70E+01	5.72E-02	0.00E+00	0.00E+00	0.00E+00	1.04E-02
U-SES65401	1.04E-02	1.15E+00	0.00E+00	1.15E+00	0.00E+00	0.00E+00	8.68E-01	4.94E-07	4.14E-03	5.18E-02	0.00E+00	0.00E+00	2.52E-11	5.44E-10	3.91E-03	0.00E+00	0.00E+00	0.00E+00	1.39E-04	5.95E-02	1.99E+01	0.00E+00	2.10E-09	6.25E-08	1.26E-02	2.99E-05	3.07E-02	0.00E+00	1.99E+01	5.20E-08	1.99E+01	1.93E+01	3.07E-02	0.00E+00	0.00E+00	0.00E+00	5.12E-03
U-SES65402	1.38E-02	1.97E+00	0.00E+00	1.97E+00	0.00E+00	0.00E+00	1.36E+00	7.87E-07	6.21E-03	7.50E-02	0.00E+00	0.00E+00	3.61E-11	7.41E-10	5.63E-03	0.00E+00	0.00E+00	0.00E+00	2.09E-04	7.59E-02	3.10E+01	0.00E+00	3.21E-09	1.03E-07	1.83E-02	5.07E-05	4.48E-02	0.00E+00	3.10E+01	8.18E-08	3.10E+01	2.80E+01	4.48E-02	0.00E+00	0.00E+00	0.00E+00	8.23E-03
U-SES65601	7.64E-03	1.24E+00	0.00E+00	1.24E+00	0.00E+00	0.00E+00	8.08E-01	4.61E-07	3.87E-03	4.02E-02	0.00E+00	0.00E+00	2.17E-11	4.10E-10	2.95E-03	0.00E+00	0.00E+00	0.00E+00	1.07E-04	4.24E-02	1.74E+01	0.00E+00	1.85E-09	6.24E-08	1.01E-02	3.02E-05	2.26E-02	0.00E+00	1.74E+01	4.76E-08	1.74E+01	1.69E+01	2.26E-02	0.00E+00	0.00E+00	0.00E+00	4.59E-03
U-SES65602	1.27E-02	2.00E+00	0.00E+00	2.00E+00	0.00E+00	0.00E+00	1.32E+00	7.46E-07	5.92E-03	6.53E-02	0.00E+00	0.00E+00	3.52E-11	6.71E-10	4.89E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-04	7.18E-02	2.82E+01	0.00E+00	3.07E-09	1.02E-07	1.62E-02	4.91E-05	3.65E-02	0.00E+00	2.82E+01	7.67E-08	2.82E+01	2.74E+01	3.65E-02	0.00E+00	0.00E+00	0.00E+00	7.57E-03
U-SES65801	1.26E-02	1.52E+00	0.00E+00	1.52E+00	0.00E+00	0.00E+00	1.10E+00	6.33E-07	5.21E-03	6.30E-02	0.00E+00	0.00E+00	3.15E-11	6.63E-10	4.77E-03	0.00E+00	0.00E+00	0.00E+00	1.71E-04	7.10E-02	2.48E+01	0.00E+00	2.66E-09	8.14E-08	1.55E-02	3.99E-05	3.70E-02	0.00E+00	2.48E+01	6.59E-08	2.48E+01	2.43E+01	3.70E-02	0.00E+00	0.00E+00	0.00E+00	6.52E-03
U-SES65802	1.48E-02	1.98E+00	0.00E+00	1.98E+00	0.00E+00	0.00E+00	1.36E+00	7.90E-07	6.26E-03	7.53E-02	0.00E+00	0.00E+00	3.61E-11	7.41E-10	5.66E-03	0.00E+00	0.00E+00	0.00E+00	2.09E-04	7.60E-02	3.12E+01	0.00E+00	3.23E-09	1.04E-07	1.84E-02	5.09E-05	4.49E-02	0.00E+00	3.12E+01	8.22E-08	3.12E+01	2.81E+01	4.49E-02	0.00E+00	0.00E+00	0.00E+00	8.25E-03
U-SES8510002	1.97E-02	2.92E+00	0.00E+00	2.92E+00	0.00E+00	0.00E+00	1.96E+00	1.10E-06	8.91E-03	1.05E-01	0.00E+00	0.00E+00	5.10E-11	1.04E-09	8.04E-03	0.00E+00	0.00E+00	0.00E+00	2.80E-04	1.04E-01	4.39E+01	0.00E+00	4.48E-09	1.47E-07	2.54E-02	7.35E-05	6.20E-02	0.00E+00	4.39E+01	1.17E-07	4.39E+01	4.05E+01	6.20E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-02
U-SES851001	1.42E-02	1.75E+00	0.00E+00	1.75E+00	0.00E+00	0.00E+00	1.26E+00	7.22E-07	5.92E-03	7.09E-02	0.00E+00	0.00E+00	3.62E-11	7.45E-10	5.35E-03	0.00E+00	0.00E+00	0.00E+00	1.92E-04	7.95E-02	2.83E+01	0.00E+00	3.02E-09	9.47E-08	1.75E-02	4.52E-05	4.15E-02	0.00E+00	2.83E+01	7.60E-08	2.83E+01	2.78E+01	4.15E-02	0.00E+00	0.00E+00	0.00E+00	7.51E-03
U-SES85401	1.10E-02	1.25E+00	0.00E+00	1.25E+00	0.00E+00	0.00E+00	9.25E-01	5.29E-07	4.42E-03	5.49E-02	0.00E+00	0.00E+00	2.68E-11	5.74E-10	4.12E-03	0.00E+00	0.00E+00	0.00E+00	1.47E-04	6.23E-02	2.11E+01	0.00E+00	2.24E-09	6.76E-08	1.34E-02	3.22E-05	3.23E-02	0.00E+00	2.11E+01	5.56E-08	2.11E+01	2.05E+01	3.23E-02	0.00E+00	0.00E+00	0.00E+00	5.45E-03
U-SES85402	1.39E-02	1.97E+00	0.00E+00	1.97E+00	0.00E+00	0.00E+00	1.36E+00	7.89E-07	6.22E-03	7.51E-02	0.00E+00	0.00E+00	3.62E-11	7.39E-10	5.65E-03	0.00E+00	0.00E+00	0.00E+00	2.09E-04	7.60E-02	3.10E+01	0.00E+00	3.22E-09	1.04E-07	1.84E-02	5.08E-05	4.48E-02	0.00E+00	3.10E+01	8.20E-08	3.10E+01	2.80E+01	4.48E-02	0.00E+00	0.00E+00	0.00E+00	8.24E-03
U-SES85601	1.19E-02	1.40E+00	0.00E+00	1.40E+00	0.00E+00	0.00E+00	1.03E+00	5.90E-07	4.88E-03	5.97E-02	0.00E+00	0.00E+00	2.95E-11	6.25E-10	4.48E-03	0.00E+00	0.00E+00	0.00E+00	1.60E-04	6.69E-02	2.32E+01	0.00E+00	2.48E-09	7.58E-08	1.46E-02	3.61E-05	3.50E-02	0.00E+00	2.32E+01	6.12E-08	2.32E+01	2.27E+01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	6.05E-03
U-SES85602	1.37E-02	2.16E+00	0.00E+00	2.16E+00	0.00E+00	0.00E+00	1.41E+00	8.13E-07	6.39E-03	7.04E-02	0.00E+00	0.00E+00	3.77E-11	7.28E-10	5.25E-03	0.00E+00	0.00E+00	0.00E+00	1.87E-04	7.70E-02	3.04E+01	0.00E+00	3.34E-09	1.10E-07	1.76E-02	5.32E-05	3.92E-02	0.00E+00	3.04E+01	8.20E-08	3.04E+01	2.94E+01	3.92E-02	0.00E+00	0.00E+00	0.00E+00	8.01E-03
U-SES85801	1.31E-02	1.82E+00	0.00E+00	1.82E+00	0.00E+00	0.00E+00	1.15E+00	6.62E-07	5.46E-03	6.61E-02	0.00E+00	0.00E+00	3.30E-11	6.87E-10	4.95E-03	0.00E+00	0.00E+00	0.00E+00	1.78E-04	7.33E-02	2.58E+01	0.00E+00	2.78E-09	8.56E-08	1.62E-02	4.12E-05	3.84E-02	0.00E+00	2.58E+01	6.89E-08	2.58E+01	2.53E+01	3.84E-02	0.00E+00	0.00E+00	0.00E+00	6.82E-03
U-SES85802	1.49E-02	2.11E+00	0.00E+00	2.11E+00	0.00E+00	0.00E+00	1.47E+00	8.36E-07	6.72E-03	7.89E-02	0.00E+00	0.00E+00	3.84E-11	7.87E-10	6.03E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04	8.02E-02	3.28E+01	0.00E+00	3.42E-09	1.09E-07	1.95E-02	5.42E-05	4.80E-02	0.00E+00	3.28E+01	8.75E-08	3.28E+01	2.99E+01	4.80E-02	0.00E+00	0.00E+00	0.00E+00	8.81E-03
U-SF10012	1.88E-02	2.94E+00	0.00E+00	2.94E+00	0.00E+00	0.00E+00	1.96E+00	1.10E-06	8.64E-03	1.01E-01	0.00E+00	0.00E+00	5.30E-11	1.03E-09	7.72E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04	9.71E-02	4.11E+01	0.00E+00	4.63E-09	1.44E-07	2.43E-02	7.31E-05	5.62E-02	0.00E+00	4.11E+01	1.16E-07	4.11E+01	4.30E+01	5.62E-02	0.00E+00	0.00E+00	0.00E+00	1.09E-02
U-SF1006	9.85E-03	1.49E+00	0.00E+00	1.49E+00	0.00E+00	0.00E+00	9.64E-01	5.54E-07	4.53E-03	5.14E-02	0.00E+00	0.00E+00	2.68E-11	5.24E-10	3.60E-03	0.00E+00	0.00E+00	0.00E+00	1.35E-04	5.18E-02	2.07E+01	0.00E+00	2.28E-09	7.54E-08	1.29E-02	3.71E-05	2.86E-02	0.00E+00	2.07E+01	5.88E-08	2.07E+01	2.07E+01	2.86E-02	0.00E+00	0.00E+00	0.00E+00	5.90E-03
U-SF1009	1.39E-02	2.09E+00	0.00E+00	2.09E+00	0.00E+00	0.00E+00	1.37E+00	7.85E-07	6.38E-03	7.04E-02	0.00E+00	0.00E+00	3.77E-11	7.27E-10	5.04E-03	0.00E+00	0.00E+00	0.00E+00	1.93E-04	7.33E-02	2.98E+01	0.00E+00	3.27E-09	1.06E-07	1.79E-02	5.27E-05	4.00E-02	0.00E+00	2.98E+01	8.25E-08	2.98E+01	2.98E+01	4.00E-02	0.00E+00	0.00E+00	0.00E+00	8.20E-03
U-SF110612	1.99E-02	3.10E+00	0.00E+00	3.10E+00	0.00E+00	0.00E+00	2.00E+00	1.15E-06	9.16E-03	1.04E-01	0.00E+00	0.00E+00	5.41E-11	1.05E-09	7.77E-03	0.00E+00	0.00E+00	0.00E+00	2.72E-04	1.03E-01	4.37E+01	0.00E+00	4.67E-09	1.53E-07	2.58E-02	7.85E-05	5.85E-02	0.00E+00	4.37E+01	1.20E-07	4.37E+01	4.42E+01	5.85E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-02
U-SF11066	1.38E-02	2.06E+00	0.00E+00	2.06E+00	0.00E+00	0.00E+00	1.33E+00	7.73E-07	6.24E-03	6.95E-02	0.00E+00	0.00E+00	3.72E-11	7.15E-10	4.93E-03	0.00E+00	0.00E+00	0.00E+00	1.89E-04	7.14E-02	2.93E+01	0.00E+00	3.22E-09	1.05E-07	1.75E-02	5.16E-05	3.94E-02	0.00E+00	2.93E+01	8.06E-08	2.93E+01	2.95E+01	3.94E-02	0.00E+00	0.00E+00	0.00E+00	8.07E-03
U-SF11069	1.83E-02	2.91E+00	0.00E+00	2.91E+00	0.00E+00	0.00E+00	1.87E+00	1.08E-06	8.46E-03	9.71E-02	0.00E+00	0.00E+00	5.09E-11	9.85E-10	7.26E-03	0.00E+00	0.00E+00	0.00E+00	2.54E-04	9.72E-02	4.07E+01	0.00E+00	4.37E-09	1.46E-07	2.42E-02	7.23E-05	5.47E-02	0.00E+00	4.07E+01	1.12E-07	4.07E+01	4.13E+01	5.47E-02	0.00E+00	0.00E+00	0.00E+00	1.09E-02
U-SF135612	2.63E-02	4.38E+00	0.00E+00	4.38E+00	0.00E+00	0.00E+00	2.97E+00	1.65E-06	1.33E-02	1.45E-01	0.00E+00	0.00E+00	7.66E-11	1.52E-09	1.18E-02	0.00E+00	0.00E+00	0.00E+00	3.91E-04	1.49E-01	6.30E+01	0.00E+00	6.87E-09	2.19E-07	3.70E-02	1.11E-04	8.46E-02	0.00E+00	6.30E+01	1.73E-07	6.30E+01	6.48E+01	8.46E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-02
U-SF13566	1.52E-02	2.38E+00	0.00E+00	2.38E+00	0.00E+00	0.00E+00	1.53E+00	8.75E-07	7.06E-03	8.02E-02	0.00E+00	0.00E+00	4.19E-11	8.09E-10	5.75E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04	8.21E-02	3.36E+01	0.00E+00	3.60E-09	1.21E-07	2.02E-02	5.91E-05	4.49E-02	0.00E+00	3.36E+01	9.20E-08	3.36E+01	3.36E+01	4.49E-02	0.00E+00	0.00E+00	0.00E+00	9.05E-03
U-SF13569	1.84E-02	2.93E+00	0.00E+00	2.93E+00	0.00E+00	0.00E+00	1.89E+00	1.09E-06	8.51E-03	9.80E-02	0.00E+00	0.00E+00	5.10E-11	9.93E-10	7.30E-03	0.00E+00	0.00E+00	0.00E+00	2.56E-04	9.78E-02	4.10E+01	0.00E+00	4.40E-09	1.46E-07	2.44E-02	7.29E-05	5.51E-02	0.00E+00	4.10E+01	1.13E-07	4.10E+01	4.16E+01	5.51E-02	0.00E+00	0.00E+00	0.00E+00	1.10E-02
U-SF4512	1.27E-02	1.97E+00	0.00E+00	1.97E+00	0.00E+00	0.00E+00	1.27E+00	7.35E-07	5.93E-03	6.66E-02	0.00E+00	0.00E+00	3.56E-11	6.84E-10	4.71E-03	0.00E+00	0.00E+00	0.00E+00	1.78E-04	6.91E-02	2.74E+01	0.00E+00	3.05E-09	1.01E-07	1.68E-02	4.90E-05	3.75E-02	0.00E+00	2.74E+01	7.70E-08	2.74E+01	2.77E+01	3.75E-02	0.00E+00	0.00E+00	0.00E+00	7.90E-03
U-SF456	7.06E-03	1.03E+00	0.00E+00	1.03E+00	0.00E+00	0.00E+00	6.69E-01	3.86E-07	3.19E-03	3.64E-02	0.00E+00	0.00E+00	1.88E-11	3.70E-10	2.49E-03	0.00E+00	0.00E+00	0.00E+00	9.46E-05	3.59E-02	1.44E+01	0.00E+00	1.57E-09	5.28E-08	9.18E-03	2.57E-05	2.02E-02	0.00E+00	1.44E+01	4.04E-08	1.44E+01	1.44E+01	2.02E-02	0.00E+00	0.00E+00	0.00E+00	4.20E-03
U-SF459	9.71E-03	1.47E+00	0.00E+00	1.47E+00	0.00E+00	0.00E+00	9.54E-01	5.47E-07	4.47E-03	5.05E-02	0.00E+00	0.00E+00	2.64E-11	5.16E-10	3.55E-03	0.00E+00	0.00E+00	0.00E+00	1.33E-04	5.11E-02	2.04E+01	0.00E+00	2.24E-09	7.46E-08	1.27E-02	3.65E-05	2.82E-02	0.00E+00	2.04E+01	5.79E-08	2.04E+01	2.04E+01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	5.82E-03
U-SF6012	1.38E-02	2.09E+00	0.00E+00	2.09E+00	0.00E+00	0.00E+00	1.37E+00	7.84E-07	6.37E-03	7.04E-02	0.00E+00	0.00E+00	3.77E-11	7.26E-10	5.04E-03	0.00E+00	0.00E+00	0.00E+00	1.92E-04	7.33E-02	2.98E+01	0.00E+00	3.26E-09	1.07E-07	1.78E-02	5.27E-05	4.00E-02	0.00E+00	2.98E+01	8.23E-08	2.98E+01	2.98E+01	4.00E-02	0.00E+00	0.00E+00	0.00E+00	8.19E-03
U-SF606	7.90E-03	1.17E+00	0.00E+00	1.17E+00	0.00E+00	0.00E+00	7.56E-01	4.35E-07	3.57E-03	4.07E-02	0.00E+00	0.00E+00	2.11E-11	4.15E-10	2.81E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-04	4.06E-02	1.62E+01	0.00E+00	1.77E-09	5.97E-08	1.03E-02	2.89E-05	2.27E-02	0.00E+00	1.62E+01	4.56E-08	1.62E+01	1.62E+01	2.27E-02	0.00E+00	0.00E+00	0.00E+00	4.71E-03
U-SF609	1.06E-02	1.59E+00	0.00E+00	1.59E+00	0.00E+00	0.00E+00	1.03E+00	5.92E-07	4.84E-03	5.47E-02	0.00E+00	0.00E+00	2.87E-11	5.59E-10	3.86E-03	0.00E+00	0.00E+00	0.00E+00	1.45E-04	5.57E-02	2.21E+01	0.00E+00	2.44E-09	8.09E-08	1.38E-02	3.97E-05	3.06E-02	0.00E+00	2.21E+01	6.32E-08	2.21E+01	2.21E+01	3.06E-02	0.00E+00	0.00E+00	0.00E+00	6.36E-03
U-SF7012	1.49E-02	2.27E+00	0.00E+00	2.27E+00	0.00E+00	0.00E+00	1.49E+00	8.50E-07	6.88E-03	7.83E-02	0.00E+00	0.00E+00	4.08E-11	7.83E-10	5.60E-03	0.00E+00	0.00E+00	0.00E+00	2.06E-04	8.02E-02	3.21E+01	0.00E+00	3.50E-09	1.18E-07	1.93E-02	5.74E-05	4.35E-02	0.00E+00	3.21E+01	8.92E-08	3.21E+01	3.24E+01	4.35E-02	0.00E+00	0.00E+00	0.00E+00	8.89E-03
U-SF706	8.34E-03	1.24E+00	0.00E+00	1.24E+00	0.00E+00	0.00E+00	8.09E-01	4.62E-07	3.78E-03	4.30E-02	0.00E+00	0.00E+00	2.24E-11	4.40E-10	3.01E-03	0.00E+00	0.00E+00	0.00E+00	1.13E-04	4.32E-02	1.72E+01	0.00E+00	1.85E-09	6.36E-08	1.09E-02	3.08E-05	2.39E-02	0.00E+00	1.72E+01	4.86E-08	1.72E+01	1.72E+01	2.39E-02	0.00E+00	0.00E+00	0.00E+00	5.01E-03
U-SF709	1.15E-02	1.73E+00	0.00E+00	1.73E+00	0.00E+00	0.00E+00	1.14E+00	6.50E-07	5.27E-03	5.95E-02	0.00E+00	0.00E+00	3.13E-11	6.06E-10	4.21E-03	0.00E+00	0.00E+00	0.00E+00	1.57E-04	6.17E-02	2.43E+01	0.00E+00	2.66E-09	8.94E-08	1.50E-02	4.31E-05	3.33E-02	0.00E+00	2.43E+01	6.87E-08	2.43E+01	2.44E+01	3.33E-02	0.00E+00	0.00E+00	0.00E+00	7.02E-03
U-SF8012	1.58E-02	2.42E+00	0.00E+00	2.42E+00	0.00E+00	0.00E+00	1.59E+00	9.10E-07	7.28E-03	8.25E-02	0.00E+00	0.00E+00	4.30E-11	8.37E-10	5.93E-03	0.00E+00	0.00E+00	0.00E+00	2.18E-04	8.50E-02	3.41E+01	0.00E+00	3.72E-09	1.24E-07	2.06E-02	6.07E-05	4.63E-02	0.00E+00	3.41E+01	9.54E-08	3.41E+01	3.48E+01	4.63E-02	0.00E+00	0.00E+00	0.00E+00	9.52E-03
U-SF806	8.89E-03	1.32E+00	0.00E+00	1.32E+00	0.00E+00	0.00E+00	8.57E-01	4.93E-07	4.03E-03	4.58E-02	0.00E+00	0.00E+00	2.39E-11	4.68E-10	3.18E-03	0.00E+00	0.00E+00	0.00E+00	1.20E-04	4.61E-02	1.84E+01	0.00E+00	2.02E-09	6.72E-08	1.15E-02	3.29E-05	2.55E-02	0.00E+00	1.84E+01	5.19E-08	1.84E+01	1.84E+01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	5.31E-03
U-SF809	1.27E-02	1.97E+00	0.00E+00	1.97E+00	0.00E+00	0.00E+00	1.27E+00	7.37E-07	5.94E-03	6.66E-02	0.00E+00	0.00E+00	3.56E-11	6.84E-10	4.71E-03	0.00E+00	0.00E+00	0.00E+00	1.78E-04	6.91E-02	2.74E+01	0.00E+00	3.05E-09	1.01E-07	1.68E-02	4.90E-05	3.75E-02	0.00E+00	2.74E+01	7.70E-08	2.74E+01	2.77E+01	3.75E-02	0.00E+00	0.00E+00	0.00E+00	7.90E-03
U-SF8512	1.58E-02	2.44E+00	0.00E+00	2.44E+00	0.00E+00	0.00E+00	1.59E+00	9.16E-07	7.32E-03	8.27E-02	0.00E+00	0.00E+00	4.33E-11	8.55E-10	5.96E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04	8.56E-02	3.42E+01	0.00E+00	3.79E-09	1.25E-07	2.07E-02	6.11E-05	4.66E-02	0.00E+00	3.42E+01	9.59E-08	3.42E+01	3.50E+01	4.66E-02	0.00E+00	0.00E+00	0.00E+00	9.57E-03
U-SF856	9.15E-03	1.37E+00	0.00E+00	1.37E+00	0.00E+00	0.00E+00	8.90E-01	5.10E-07	4.16E-03	4.73E-02

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U-TK606020	4.77E-02	8.60E+00	0.00E+00	8.60E+00	0.00E+00	0.00E+00	5.99E+00	3.32E-06	2.57E-02	2.45E-01	0.00E+00	0.00E+00	1.46E-10	2.86E-09	1.88E-02	0.00E+00	0.00E+00	0.00E+00	6.97E-04	2.90E-01	1.16E+02	0.00E+00	1.31E-08	4.25E-07	6.01E-02	2.19E-04	1.46E-01	0.00E+00	1.16E+02	3.45E-07	1.16E+02	1.17E+02	1.46E-01	0.00E+00	0.00E+00	0.00E+00	2.98E-02
U-TK606022	4.88E-02	8.76E+00	0.00E+00	8.76E+00	0.00E+00	0.00E+00	5.19E+00	3.38E-06	2.62E-02	2.49E-01	0.00E+00	0.00E+00	1.49E-10	2.89E-09	1.96E-02	0.00E+00	0.00E+00	0.00E+00	7.11E-04	3.01E-01	1.17E+02	0.00E+00	1.34E-08	4.32E-07	6.06E-02	2.13E-04	1.49E-01	0.00E+00	1.17E+02	3.49E-07	1.17E+02	1.20E+02	1.49E-01	0.00E+00	0.00E+00	0.00E+00	3.13E-02
U-TK608020	4.87E-02	8.90E+00	0.00E+00	8.90E+00	0.00E+00	0.00E+00	5.23E+00	3.43E-06	2.62E-02	2.50E-01	0.00E+00	0.00E+00	1.50E-10	2.90E-09	1.98E-02	0.00E+00	0.00E+00	0.00E+00	7.08E-04	3.04E-01	1.18E+02	0.00E+00	1.35E-08	4.32E-07	6.10E-02	2.15E-04	1.50E-01	0.00E+00	1.18E+02	3.49E-07	1.18E+02	1.20E+02	1.50E-01	0.00E+00	0.00E+00	0.00E+00	3.20E-02
U-TK608022	4.99E-02	9.11E+00	0.00E+00	9.11E+00	0.00E+00	0.00E+00	5.34E+00	3.58E-06	2.68E-02	2.55E-01	0.00E+00	0.00E+00	1.54E-10	3.01E-09	2.03E-02	0.00E+00	0.00E+00	0.00E+00	7.31E-04	3.08E-01	1.22E+02	0.00E+00	1.37E-08	4.42E-07	6.27E-02	2.29E-04	1.54E-01	0.00E+00	1.22E+02	3.59E-07	1.23E+02	1.23E+02	1.54E-01	0.00E+00	0.00E+00	0.00E+00	3.27E-02
U-TK806020	4.80E-02	8.77E+00	0.00E+00	8.77E+00	0.00E+00	0.00E+00	5.17E+00	3.38E-06	2.61E-02	2.49E-01	0.00E+00	0.00E+00	1.47E-10	2.89E-09	1.92E-02	0.00E+00	0.00E+00	0.00E+00	7.01E-04	2.97E-01	1.17E+02	0.00E+00	1.34E-08	4.27E-07	6.03E-02	2.13E-04	1.47E-01	0.00E+00	1.17E+02	3.46E-07	1.17E+02	1.19E+02	1.47E-01	0.00E+00	0.00E+00	0.00E+00	3.08E-02
U-TK806022	4.92E-02	8.89E+00	0.00E+00	8.89E+00	0.00E+00	0.00E+00	5.25E+00	3.43E-06	2.63E-02	2.50E-01	0.00E+00	0.00E+00	1.51E-10	2.91E-09	1.98E-02	0.00E+00	0.00E+00	0.00E+00	7.13E-04	3.04E-01	1.18E+02	0.00E+00	1.35E-08	4.36E-07	6.13E-02	2.16E-04	1.50E-01	0.00E+00	1.18E+02	3.50E-07	1.18E+02	1.21E+02	1.50E-01	0.00E+00	0.00E+00	0.00E+00	3.20E-02
U-TK808020	4.94E-02	9.11E+00	0.00E+00	9.11E+00	0.00E+00	0.00E+00	5.32E+00	3.58E-06	2.67E-02	2.55E-01	0.00E+00	0.00E+00	1.53E-10	3.00E-09	2.03E-02	0.00E+00	0.00E+00	0.00E+00	7.26E-04	3.08E-01	1.22E+02	0.00E+00	1.39E-08	4.37E-07	6.24E-02	2.28E-04	1.53E-01	0.00E+00	1.22E+02	3.57E-07	1.23E+02	1.23E+02	1.53E-01	0.00E+00	0.00E+00	0.00E+00	3.27E-02
U-TK808022	5.03E-02	9.33E+00	0.00E+00	9.33E+00	0.00E+00	0.00E+00	5.36E+00	3.61E-06	2.73E-02	2.58E-01	0.00E+00	0.00E+00	1.57E-10	3.04E-09	2.04E-02	0.00E+00	0.00E+00	0.00E+00	7.38E-04	3.09E-01	1.23E+02	0.00E+00	1.39E-08	4.46E-07	6.33E-02	2.32E-04	1.56E-01	0.00E+00	1.23E+02	3.66E-07	1.23E+02	1.25E+02	1.56E-01	0.00E+00	0.00E+00	0.00E+00	3.31E-02
U-TKSB4520	1.95E-02	3.03E+00	0.00E+00	3.03E+00	0.00E+00	0.00E+00	1.95E+00	1.13E-06	9.06E-03	9.84E-02	0.00E+00	0.00E+00	5.33E-11	1.04E-09	7.46E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04	1.07E-01	4.19E+01	0.00E+00	4.65E-09	1.55E-07	2.46E-02	7.57E-05	5.65E-02	0.00E+00	4.19E+01	1.19E-07	4.19E+01	4.23E+01	5.65E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-02
U-TKSB4522	2.06E-02	3.20E+00	0.00E+00	3.20E+00	0.00E+00	0.00E+00	2.06E+00	1.19E-06	9.55E-03	1.05E-01	0.00E+00	0.00E+00	5.61E-11	1.09E-09	7.89E-03	0.00E+00	0.00E+00	0.00E+00	2.80E-04	1.12E-01	4.44E+01	0.00E+00	4.93E-09	1.63E-07	2.63E-02	8.03E-05	6.00E-02	0.00E+00	4.44E+01	1.25E-07	4.44E+01	4.45E+01	6.00E-02	0.00E+00	0.00E+00	0.00E+00	1.24E-02
U-TKSB6020	2.51E-02	3.89E+00	0.00E+00	3.89E+00	0.00E+00	0.00E+00	2.58E+00	1.47E-06	1.16E-02	1.28E-01	0.00E+00	0.00E+00	6.86E-11	1.35E-09	9.75E-03	0.00E+00	0.00E+00	0.00E+00	3.45E-04	1.36E-01	5.49E+01	0.00E+00	6.03E-09	2.00E-07	3.17E-02	9.75E-05	7.30E-02	0.00E+00	5.49E+01	1.53E-07	5.49E+01	5.43E+01	7.30E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-02
U-TKSB6022	2.70E-02	4.18E+00	0.00E+00	4.18E+00	0.00E+00	0.00E+00	2.74E+00	1.57E-06	1.25E-02	1.37E-01	0.00E+00	0.00E+00	7.35E-11	1.45E-09	1.04E-02	0.00E+00	0.00E+00	0.00E+00	3.72E-04	1.46E-01	5.88E+01	0.00E+00	6.46E-09	2.15E-07	3.38E-02	1.05E-04	7.80E-02	0.00E+00	5.88E+01	1.63E-07	5.88E+01	5.83E+01	7.80E-02	0.00E+00	0.00E+00	0.00E+00	1.62E-02
U-TKSB7020	2.90E-02	4.54E+00	0.00E+00	4.54E+00	0.00E+00	0.00E+00	2.97E+00	1.71E-06	1.35E-02	1.49E-01	0.00E+00	0.00E+00	7.99E-11	1.57E-09	1.12E-02	0.00E+00	0.00E+00	0.00E+00	4.04E-04	1.58E-01	6.40E+01	0.00E+00	7.03E-09	2.34E-07	3.71E-02	1.14E-04	8.53E-02	0.00E+00	6.40E+01	1.78E-07	6.40E+01	6.31E+01	8.53E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-02
U-TKSB7022	3.03E-02	4.67E+00	0.00E+00	4.67E+00	0.00E+00	0.00E+00	3.07E+00	1.77E-06	1.38E-02	1.53E-01	0.00E+00	0.00E+00	8.29E-11	1.63E-09	1.14E-02	0.00E+00	0.00E+00	0.00E+00	4.17E-04	1.63E-01	6.59E+01	0.00E+00	7.23E-09	2.44E-07	3.80E-02	1.17E-04	8.74E-02	0.00E+00	6.59E+01	1.84E-07	6.59E+01	6.52E+01	8.74E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-02
U-TKSB8020	3.03E-02	4.61E+00	0.00E+00	4.61E+00	0.00E+00	0.00E+00	3.04E+00	1.74E-06	1.36E-02	1.50E-01	0.00E+00	0.00E+00	8.17E-11	1.59E-09	1.13E-02	0.00E+00	0.00E+00	0.00E+00	4.06E-04	1.61E-01	6.44E+01	0.00E+00	7.06E-09	2.40E-07	3.75E-02	1.14E-04	8.63E-02	0.00E+00	6.44E+01	1.83E-07	6.44E+01	6.42E+01	8.63E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-02
U-TKSB8022	3.18E-02	4.77E+00	0.00E+00	4.77E+00	0.00E+00	0.00E+00	3.13E+00	1.80E-06	1.41E-02	1.56E-01	0.00E+00	0.00E+00	8.43E-11	1.66E-09	1.17E-02	0.00E+00	0.00E+00	0.00E+00	4.24E-04	1.67E-01	6.67E+01	0.00E+00	7.32E-09	2.51E-07	3.88E-02	1.19E-04	8.87E-02	0.00E+00	6.67E+01	1.89E-07	6.67E+01	6.64E+01	8.87E-02	0.00E+00	0.00E+00	0.00E+00	1.86E-02
U-TLA8-4X2X40	5.90E-03	1.18E+00	0.00E+00	1.18E+00	0.00E+00	0.00E+00	4.04E-01	3.20E-07	2.87E-03	4.64E-02	0.00E+00	0.00E+00	1.92E-11	3.92E-10	3.26E-03	0.00E+00	0.00E+00	0.00E+00	9.07E-05	4.20E-02	1.73E+01	0.00E+00	8.93E-10	5.09E-08	1.15E-02	3.41E-05	4.14E-02	0.00E+00	1.73E+01	3.37E-08	1.73E+01	2.32E+01	4.14E-02	0.00E+00	0.00E+00	0.00E+00	4.04E-03
U-TLKSB4520	2.16E-02	3.69E+00	0.00E+00	3.69E+00	0.00E+00	0.00E+00	2.40E+00	1.19E-06	9.39E-03	1.21E-01	0.00E+00	0.00E+00	5.72E-11	1.12E-09	7.97E-03	0.00E+00	0.00E+00	0.00E+00	3.41E-04	1.24E-01	4.65E+01	0.00E+00	5.00E-09	2.04E-07	2.84E-02	8.72E-05	6.15E-02	0.00E+00	4.65E+01	1.42E-07	4.65E+01	4.68E+01	6.15E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-02
U-TLKSB4522	1.90E-02	3.00E+00	0.00E+00	3.00E+00	0.00E+00	0.00E+00	1.95E+00	1.11E-06	8.78E-03	9.74E-02	0.00E+00	0.00E+00	5.29E-11	1.01E-09	7.28E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04	1.03E-01	4.15E+01	0.00E+00	4.58E-09	1.52E-07	2.44E-02	7.50E-05	5.55E-02	0.00E+00	4.15E+01	1.16E-07	4.15E+01	4.17E+01	5.55E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-02
U-TLKSB6020	2.51E-02	4.20E+00	0.00E+00	4.20E+00	0.00E+00	0.00E+00	2.73E+00	1.38E-06	1.09E-02	1.39E-01	0.00E+00	0.00E+00	6.66E-11	1.31E-09	9.32E-03	0.00E+00	0.00E+00	0.00E+00	3.94E-04	1.42E-01	5.39E+01	0.00E+00	5.82E-09	2.28E-07	3.26E-02	1.01E-04	7.08E-02	0.00E+00	5.39E+01	1.63E-07	5.39E+01	5.45E+01	7.08E-02	0.00E+00	0.00E+00	0.00E+00	1.41E-02
U-TLKSB6022	2.16E-02	3.39E+00	0.00E+00	3.39E+00	0.00E+00	0.00E+00	2.22E+00	1.25E-06	9.93E-03	1.11E-01	0.00E+00	0.00E+00	5.93E-11	1.14E-09	8.12E-03	0.00E+00	0.00E+00	0.00E+00	2.96E-04	1.17E-01	4.66E+01	0.00E+00	5.17E-09	1.71E-07	2.76E-02	8.39E-05	6.24E-02	0.00E+00	4.66E+01	1.33E-07	4.66E+01	4.70E+01	6.24E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-02
U-TLKSB7020	2.59E-02	4.36E+00	0.00E+00	4.36E+00	0.00E+00	0.00E+00	2.84E+00	1.44E-06	1.14E-02	1.44E-01	0.00E+00	0.00E+00	6.99E-11	1.36E-09	9.67E-03	0.00E+00	0.00E+00	0.00E+00	3.98E-04	1.47E-01	5.61E+01	0.00E+00	6.11E-09	2.35E-07	3.42E-02	1.05E-04	7.54E-02	0.00E+00	5.61E+01	1.70E-07	5.61E+01	5.66E+01	7.54E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-02
U-TLKSB8022	2.57E-02	4.06E+00	0.00E+00	4.06E+00	0.00E+00	0.00E+00	2.71E+00	1.53E-06	1.20E-02	1.33E-01	0.00E+00	0.00E+00	7.21E-11	1.39E-09	1.01E-02	0.00E+00	0.00E+00	0.00E+00	3.59E-04	1.42E-01	5.73E+01	0.00E+00	6.26E-09	2.10E-07	3.28E-02	1.01E-04	7.67E-02	0.00E+00	5.73E+01	1.58E-07	5.73E+01	5.65E+01	7.67E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-02
U-TP60	1.24E-03	1.96E-01	0.00E+00	1.96E-01	0.00E+00	0.00E+00	1.28E-01	7.30E-08	5.82E-04	6.40E-03	0.00E+00	0.00E+00	3.45E-12	6.69E-11	4.75E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-05	6.86E-03	2.74E+00	0.00E+00	3.01E-10	1.00E-08	1.61E-03	4.90E-06	3.65E-03	0.00E+00	2.74E+00	7.73E-09	2.74E+00	2.74E+00	3.65E-03	0.00E+00	0.00E+00	0.00E+00	7.43E-04
U-TP70	1.38E-03	2.19E-01	0.00E+00	2.19E-01	0.00E+00	0.00E+00	1.44E-01	8.22E-08	6.52E-04	7.12E-03	0.00E+00	0.00E+00	3.85E-12	7.46E-11	5.34E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-05	7.69E-03	3.05E+00	0.00E+00	3.36E-10	1.13E-08	1.80E-03	5.48E-06	4.08E-03	0.00E+00	3.05E+00	8.63E-09	3.05E+00	3.06E+00	4.08E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-04
U-TP80	1.60E-03	2.53E-01	0.00E+00	2.53E-01	0.00E+00	0.00E+00	1.66E-01	9.50E-08	7.53E-04	8.24E-03	0.00E+00	0.00E+00	4.45E-12	8.59E-11	6.12E-04	0.00E+00	0.00E+00	0.00E+00	2.24E-05	8.83E-03	3.53E+00	0.00E+00	3.89E-10	1.30E-08	2.08E-03	6.32E-06	4.72E-03	0.00E+00	3.53E+00	9.97E-09	3.53E+00	3.53E+00	4.72E-03	0.00E+00	0.00E+00	0.00E+00	9.59E-04
U-TPLV606036	3.28E-02	5.05E+00	0.00E+00	5.05E+00	0.00E+00	0.00E+00	3.37E+00	1.94E-06	1.52E-02	1.61E-01	0.00E+00	0.00E+00	8.99E-11	1.71E-09	1.29E-02	0.00E+00	0.00E+00	0.00E+00	4.51E-04	1.76E-01	7.06E+01	0.00E+00	7.71E-09	2.60E-07	4.22E-02	1.26E-04	9.37E-02	0.00E+00	7.06E+01	2.03E-07	7.06E+01	7.37E+01	9.37E-02	0.00E+00	0.00E+00	0.00E+00	1.92E-02
U-TS10080	5.35E-03	8.40E-01	0.00E+00	8.40E-01	0.00E+00	0.00E+00	5.52E-01	3.15E-07	2.46E-03	2.73E-02	0.00E+00	0.00E+00	1.47E-11	2.86E-10	2.05E-03	0.00E+00	0.00E+00	0.00E+00	7.40E-05	2.96E-02	1.17E+01	0.00E+00	1.29E-09	4.35E-08	6.91E-03	2.10E-05	1.56E-02	0.00E+00	1.17E+01	3.31E-08	1.17E+01	1.18E+01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	3.20E-03
U-TS456	1.74E-03	2.73E-01	0.00E+00	2.73E-01	0.00E+00	0.00E+00	1.79E-01	1.02E-07	8.10E-04	8.88E-03	0.00E+00	0.00E+00	4.79E-12	9.28E-11	6.63E-04	0.00E+00	0.00E+00	0.00E+00	2.41E-05	9.61E-03	3.80E+00	0.00E+00	4.20E-10	1.41E-08	2.24E-03	6.80E-06	5.08E-03	0.00E+00	3.80E+00	1.08E-08	3.80E+00	3.81E+00	5.08E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03
U-TS458	2.02E-03	3.16E-01	0.00E+00	3.16E-01	0.00E+00	0.00E+00	2.08E-01	1.19E-07	9.43E-04	1.04E-02	0.00E+00	0.00E+00	5.58E-12	1.08E-10	7.76E-04	0.00E+00	0.00E+00	0.00E+00	2.82E-05	1.12E-02	4.43E+00	0.00E+00	4.88E-10	1.64E-08	2.62E-03	7.97E-06	5.92E-03	0.00E+00	4.43E+00	1.25E-08	4.43E+00	4.46E+00	5.92E-03	0.00E+00	0.00E+00	0.00E+00	1.21E-03
U-TS606	1.91E-03	3.03E-01	0.00E+00	3.03E-01	0.00E+00	0.00E+00	1.98E-01	1.13E-07	8.97E-04	9.82E-03	0.00E+00	0.00E+00	5.31E-12	1.03E-10	7.35E-04	0.00E+00	0.00E+00	0.00E+00	2.67E-05	1.06E-02	4.21E+00	0.00E+00	4.64E-10	1.56E-08	2.49E-03	7.57E-06	5.61E-03	0.00E+00	4.21E+00	1.19E-08	4.21E+00	4.22E+00	5.61E-03	0.00E+00	0.00E+00	0.00E+00	1.14E-03
U-TS608	2.57E-03	4.07E-01	0.00E+00	4.07E-01	0.00E+00	0.00E+00	2.67E-01	1.53E-07	1.21E-03	1.33E-02	0.00E+00	0.00E+00	7.16E-12	1.38E-10	9.89E-04	0.00E+00	0.00E+00	0.00E+00	3.60E-05	1.43E-02	5.68E+00	0.00E+00	6.22E-10	2.10E-08	3.35E-03	1.02E-05	7.59E-03	0.00E+00	5.68E+00	1.60E-08	5.68E+00	5.69E+00	7.59E-03	0.00E+00	0.00E+00	0.00E+00	1.54E-03
U-TS806	2.56E-03	4.01E-01	0.00E+00	4.01E-01	0.00E+00	0.00E+00	2.62E-01	1.50E-07	1.18E-03	1.29E-02	0.00E+00	0.00E+00	7.03E-12	1.35E-10	9.79E-04	0.00E+00	0.00E+00	0.00E+00	3.52E-05	1.40E-02	5.55E+00	0.00E+00	6.10E-10	2.06E-08	3.29E-03	9.93E-06	7.44E-03	0.00E+00	5.55E+00	1.56E-08	5.55E+00	5.56E+00	7.44E-03	0.00E+00	0.00E+00	0.00E+00	1.52E-03
U-TS808	3.00E-03	4.73E-01	0.00E+00	4.73E-01	0.00E+00	0.00E+00	3.12E-01	1.78E-07	1.41E-03	1.55E-02	0.00E+00	0.00E+00	8.34E-12	1.61E-10	1.16E-03	0.00E+00	0.00E+00	0.00E+00	4.19E-05	1.66E-02	6.62E+00	0.00E+00	7.25E-10	2.46E-08	3.90E-03	1.18E-05	8.82E-03	0.00E+00	6.62E+00	1.87E-08	6.62E+00	6.63E+00	8.82E-03	0.00E+00	0.00E+00	0.00E+00	1.80E-03
U-TSB10020	3.56E-02	5.35E+00	0.00E+00	5.35E+00	0.00E+00	0.00E+00	3.61E+00	2.04E-06	1.62E-02	1.77E-01	0.00E+00	0.00E+00	9.79E-11	1.93E-09	1.28E-02	0.00E+00	0.00E+00	0.00E+00	4.71E-04	1.88E-01	7.65E+01	0.00E+00	8.43E-09	2.83E-07	4.31E-02	1.35E-04	1.00E-01	0.00E+00	7.65E+01	2.14E-07	7.65E+01	7.54E+01	1.00E-01	0.00E+00	0.00E+00	0.00E+00	2.03E-02
U-TSB10022	3.71E-02	5.86E+00	0.00E+00	5.86E+00	0.00E+00	0.00E+00	3.64E+00	2.31E-06	1.68E-02	1.87E-01	0.00E+00	0.00E+00	1.06E-10	2.13E-09	1.32E-02	0.00E+00	0.00E+00	0.00E+00	4.95E-04	1.93E-01	8.43E+01	0.00E+00	9.15E-09	2.94E-07	4.42E-02	1.47E-04	1.06E-01	0.00E+00	8.43E+01	2.32E-07	8.43E+01	8.23E+01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	2.12E-02
U-TSB11020	4.73E-02	7.81E+00	0.00E+00	7.81E+00	0.00E+00	0.00E+00	4.89E+00	3.04E-06	2.11E-02	2.43E-01	0.00E+00	0.00E+00	1.32E-10	2.82E-09	1.76E-02	0.00E+00	0.00E+00	0.00E+00	7.30E-04	2.95E-01	1.16E+02	0.00E+00	1.20E-08	3.87E-07	6.28E-02	2.03E-04	1.34E-01	0.00E+00	1.16E+02	3.13E-07	1.16E+02	1.04E+02	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.95E-02
U-TSB11022	4.55E-02	7.91E+00	0.00E+00	7.91E+00	0.00E+00	0.00E+00	4.60E+00	2.89E-06	2.06E-02	2.32E-01	0.00E+00	0.00E+00	1.31E-10	2.51E-09	1.56E-02	0.00E+00	0.00E+00	0.00E+00	6.21E-04	2.65E-01	1.06E+02	0.00E+00	1.20E-08	3.92E-07	5.47E-02	1.90E-04	1.26E-01	0.00E+00	1.06E+02	3.02E-07	1.06E+02	1.04E+02	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.62E-02
U-TSB13520	5.12E-02	9.55E+00	0.00E+00	9.55E+00	0.00E+00	0.00E+00	5.59E+00	3.73E-06	2.72E-02	2.75E-01	0.00E+00	0.00E+00	1.65E-10	3.08E-09	2.04E-02	0.00E+00	0.00E+00	0.00E+00	8.53E-04	3.47E-01	1.40E+02	0.00E+00	1.54E-08	4.60E-07	7.33E-02	2.53E-04	1.57E-01	0.00E+00	1.40E+02	3.87E-07	1.40E+02	1.31E+02	1.57E-01	0.00E+00	0.00E+00	0.00E+00	3.58E-02
U-TSB13522	5.07E-02	1.00E+01	0.00E+00	1.00E+01	0.00E+00	0.00E+00	5.73E+00	3.79E-06	2.76E-02	2.77E-01	0.00E+00	0.00E+00	1.67E-10	3.09E-09	1.93E-02	0.00E+00	0.00E+00	0.00E+00	7.49E-04	3.44E-01	1.32E+02	0.00E+00	1.58E-08	5.06E-07	6.54E-02	2.44E-04	1.52E-01	0.00E+00	1.32E+02	3.94E-07	1.32E+02	1.35E+02	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.30E-02
U-TSB13555820	5.36E-02	1.02E+01	0.00E+00	1.02E+01	0.00E+00	0.00E+00	6.10E+00	3.93E-06	2.83E-02	2.88E-01	0.00E+00	0.00E+00	1.74E-10	3.23E-09	2.12E-02	0.00E+00	0.00E+00	0.00E+00	8.66E-04	3.78E-01	1.45E+02	0.00E+00	1.61E-08	5.06E-07	7.60E-02	2.61E-04	1.62E-01	0.00E+00	1.45E+02	4.07E-07	1.45E+02	1.37E+02	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.73E-02
U-TSB13555822	9.62E-03	1.70E+00	0.00E+00	1.70E+00	0.00E+00	0.00E+00	1.02E+00	3.95E-07	2.33E-03	5.75E-02	0.00E+00	0.00E+00	1.78E-11	3.66E-10	2.39E-03	0.00E+00	0.00E+00	0.00E+00	1.50E-04	5.04E-02	1.53E+01	0.00E+00	1.47E-09	1.00E-07	1.24E-02	3.37E-05	1.83E-02	0.00E+00	1.53E+01	6.16E-08	1.53E+01	1.74E+01	1.83E-02	0.00E+00	0.00E+00	0.00E+00	3.43E-03
U-TSB16020	5.49E-02	1.11E+01	0.00E+00	1.11E+01	0.00E+00	0.00E+00	6.36E+00	4.28E-06	3.06E-02	3.07E-01	0.00E+00	0.00E+00	1.87E-10	3.43E-09	2.31E-02	0.00E+00	0.00E+00	0.00E+00	9.16E-04	4.09E-01	1.56E+02	0.00E+00	1.74E-08	5.31E-07	8.02E-02	2.82E-04	1.71E-01	0.00E+00	1.56E+02	4.34E-07	1.56E+02	1.47E+02	1.71E-01	0.00E+00	0.00E+00	0.00E+00	4.01E-02
U-TSB16022	5.20E-02	1.07E+01	0.00E+00	1.07E+01	0.00E+00	0.00E+00	5.96E+00	3.99E-06	2.86E-02	2.89E-01	0.00E+00	0.00E+00	1.75E-10	3.26E-09	2.07E-02	0.00E+00	0.00E+00	0.00E+00	7.72E-04	3.63E-01	1.39E+02	0.00E+00	1.65E-08	5.16E-07	6.75E-02	2.57E-04	1.59E-01	0.00E+00	1.39E+02	4.09E-07	1.39E+02	1.40E+02	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.48E-02
U-TSB3020	3.01E-04	6.30E-02	0.00E+00	6.30E-02	0.00E+00	0.00E+00	3.13E-02	1.83E-08	1.41E-04	2.22E-03	0.00E+00	0.00E+00	1.09E-12	2.12E-11	1.17E-04	0.00E+00	0.00E+00	0.00E+00	4.22E-06	1.62E-03	8.84E-01	0.00E+00	9.57E-11	3.93E-09	6.37E-04	1.56E-06	1.19E-03	0.00E+00	8.84E-01	2.49E-09	8.84E-01	8.86E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	1.81E-04
U-TSB3022	3.01E-04	6.30E-02	0.00E+00	6.30E-02	0.00E+00	0.00E+00	3.13E-02	1.83E-08	1.41E-04	2.22E-03	0.00E+00	0.00E+00	1.09E-12	2.12E-11	1.17E-04	0.00E+00	0.00E+00	0.00E+00	4.22E-06	1.62E-03	8.84E-01	0.00E+00	9.57E-11	3.93E-09	6.37E-04	1.56E-06	1.19E-03	0.00E+00	8.84E-01	2.49E-09	8.84E-01	8.86E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	1.81E-04
U-TSB4020	1.86E-02	2.93E+00	0.00E+00	2.93E+00

U-TSSB7020	2.94E-02	4.87E+00	0.00E+00	4.87E+00	0.00E+00	0.00E+00	3.20E+00	1.67E-06	1.30E-02	1.60E-01	0.00E+00	0.00E+00	7.95E-11	1.56E-09	1.12E-02	0.00E+00	0.00E+00	0.00E+00	4.45E-04	1.66E-01	6.45E+01	0.00E+00	6.95E-09	2.64E-07	3.79E-02	1.19E-04	8.60E-02	0.00E+00	6.45E+01	1.90E-07	6.45E+01	6.41E+01	8.60E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-02
U-TSSB7022	2.57E-02	4.06E+00	0.00E+00	4.06E+00	0.00E+00	0.00E+00	2.71E+00	1.53E-06	1.20E-02	1.33E-01	0.00E+00	0.00E+00	7.21E-11	1.39E-09	1.01E-02	0.00E+00	0.00E+00	0.00E+00	3.99E-04	1.42E-01	5.73E+01	0.00E+00	6.26E-09	2.10E-07	3.28E-02	1.01E-04	7.67E-02	0.00E+00	5.73E+01	1.58E-07	5.73E+01	5.65E+01	7.67E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-02
U-TSSB8520	3.28E-02	5.28E+00	0.00E+00	5.28E+00	0.00E+00	0.00E+00	3.45E+00	1.82E-06	1.42E-02	1.73E-01	0.00E+00	0.00E+00	8.62E-11	1.68E-09	1.23E-02	0.00E+00	0.00E+00	0.00E+00	4.80E-04	1.82E-01	7.04E+01	0.00E+00	7.49E-09	2.87E-07	4.18E-02	1.28E-04	9.33E-02	0.00E+00	7.04E+01	2.05E-07	7.04E+01	6.96E+01	9.33E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-02
U-TSSB8522	2.83E-02	4.36E+00	0.00E+00	4.36E+00	0.00E+00	0.00E+00	2.89E+00	1.64E-06	1.29E-02	1.43E-01	0.00E+00	0.00E+00	7.71E-11	1.50E-09	1.08E-02	0.00E+00	0.00E+00	0.00E+00	3.86E-04	1.53E-01	6.14E+01	0.00E+00	6.71E-09	2.26E-07	3.54E-02	1.08E-04	8.23E-02	0.00E+00	6.14E+01	1.73E-07	6.14E+01	6.08E+01	8.23E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-02
U-TSSF004	5.14E-03	5.49E-01	0.00E+00	5.49E-01	0.00E+00	0.00E+00	4.60E-01	2.65E-07	2.09E-03	2.98E-02	0.00E+00	0.00E+00	1.07E-10	2.60E-10	2.42E-03	0.00E+00	0.00E+00	0.00E+00	8.31E-05	2.73E-02	1.13E+01	0.00E+00	1.03E-09	2.73E-08	6.84E-03	1.59E-05	1.87E-02	0.00E+00	1.13E+01	2.74E-08	1.13E+01	7.89E+00	1.87E-02	0.00E+00	0.00E+00	0.00E+00	2.75E-03
U-TSSF006	5.89E-03	6.73E-01	0.00E+00	6.73E-01	0.00E+00	0.00E+00	5.39E-01	3.09E-07	2.45E-03	3.38E-02	0.00E+00	0.00E+00	1.29E-10	3.05E-10	2.68E-03	0.00E+00	0.00E+00	0.00E+00	9.34E-05	3.16E-02	1.29E+01	0.00E+00	1.21E-09	3.39E-08	7.77E-03	1.87E-05	2.09E-02	0.00E+00	1.29E+01	3.22E-08	1.29E+01	9.64E+00	2.09E-02	0.00E+00	0.00E+00	0.00E+00	3.21E-03
U-TSSF014	6.77E-03	8.22E-01	0.00E+00	8.22E-01	0.00E+00	0.00E+00	6.31E-01	3.62E-07	2.87E-03	3.84E-02	0.00E+00	0.00E+00	1.55E-10	3.57E-10	3.01E-03	0.00E+00	0.00E+00	0.00E+00	1.07E-04	3.66E-02	1.49E+01	0.00E+00	1.43E-09	4.13E-08	8.96E-03	2.24E-05	2.35E-02	0.00E+00	1.49E+01	3.80E-08	1.49E+01	1.17E+01	2.35E-02	0.00E+00	0.00E+00	0.00E+00	3.74E-03
U-TSSF016	8.03E-03	1.01E+00	0.00E+00	1.01E+00	0.00E+00	0.00E+00	7.56E-01	4.37E-07	3.45E-03	4.44E-02	0.00E+00	0.00E+00	1.89E-10	4.19E-10	3.48E-03	0.00E+00	0.00E+00	0.00E+00	1.23E-04	4.34E-02	1.76E+01	0.00E+00	1.73E-09	5.13E-08	1.05E-02	2.74E-05	2.69E-02	0.00E+00	1.76E+01	4.54E-08	1.76E+01	1.44E+01	2.69E-02	0.00E+00	0.00E+00	0.00E+00	4.48E-03
U-TSSF034	7.91E-03	1.01E+00	0.00E+00	1.01E+00	0.00E+00	0.00E+00	7.53E-01	4.33E-07	3.43E-03	4.42E-02	0.00E+00	0.00E+00	1.87E-10	4.16E-10	3.46E-03	0.00E+00	0.00E+00	0.00E+00	1.22E-04	4.31E-02	1.75E+01	0.00E+00	1.72E-09	5.08E-08	1.05E-02	2.71E-05	2.68E-02	0.00E+00	1.75E+01	4.51E-08	1.75E+01	1.42E+01	2.68E-02	0.00E+00	0.00E+00	0.00E+00	4.44E-03
U-TSSF036	9.31E-03	1.23E+00	0.00E+00	1.23E+00	0.00E+00	0.00E+00	8.92E-01	5.16E-07	4.07E-03	5.13E-02	0.00E+00	0.00E+00	2.26E-10	4.91E-10	3.96E-03	0.00E+00	0.00E+00	0.00E+00	1.41E-04	5.05E-02	2.05E+01	0.00E+00	2.06E-09	6.20E-08	1.22E-02	3.26E-05	3.07E-02	0.00E+00	2.05E+01	5.37E-08	2.05E+01	1.74E+01	3.07E-02	0.00E+00	0.00E+00	0.00E+00	5.24E-03
U-TSSF054	3.42E-03	2.95E-01	0.00E+00	2.95E-01	0.00E+00	0.00E+00	2.93E-01	1.68E-07	1.33E-03	2.04E-02	0.00E+00	0.00E+00	6.03E-12	1.78E-10	1.80E-03	0.00E+00	0.00E+00	0.00E+00	6.32E-05	1.86E-02	7.55E+00	0.00E+00	5.97E-10	1.29E-08	4.78E-03	9.07E-06	1.37E-02	0.00E+00	7.55E+00	1.76E-08	7.55E+00	4.13E+00	1.37E-02	0.00E+00	0.00E+00	0.00E+00	1.70E-03
U-TSSF056	3.58E-03	3.18E-01	0.00E+00	3.18E-01	0.00E+00	0.00E+00	3.09E-01	1.75E-07	1.40E-03	2.12E-02	0.00E+00	0.00E+00	6.43E-12	1.86E-10	1.85E-03	0.00E+00	0.00E+00	0.00E+00	6.52E-05	1.94E-02	7.88E+00	0.00E+00	6.33E-10	1.41E-08	4.97E-03	9.65E-06	1.42E-02	0.00E+00	7.88E+00	1.85E-08	7.88E+00	4.46E+00	1.42E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
U-TSSF064	3.74E-03	3.47E-01	0.00E+00	3.47E-01	0.00E+00	0.00E+00	3.26E-01	1.85E-07	1.48E-03	2.21E-02	0.00E+00	0.00E+00	6.93E-12	1.95E-10	1.91E-03	0.00E+00	0.00E+00	0.00E+00	6.77E-05	2.03E-02	8.24E+00	0.00E+00	6.74E-10	1.54E-08	5.21E-03	1.04E-05	1.47E-02	0.00E+00	8.24E+00	1.97E-08	8.24E+00	4.86E+00	1.47E-02	0.00E+00	0.00E+00	0.00E+00	1.88E-03
U-TSSF066	4.33E-03	4.44E-01	0.00E+00	4.44E-01	0.00E+00	0.00E+00	3.90E-01	2.20E-07	1.75E-03	2.49E-02	0.00E+00	0.00E+00	8.57E-12	2.27E-10	2.15E-03	0.00E+00	0.00E+00	0.00E+00	7.58E-05	2.36E-02	9.50E+00	0.00E+00	8.18E-10	2.10E-08	5.93E-03	1.27E-05	1.63E-02	0.00E+00	9.50E+00	2.34E-08	9.50E+00	6.14E+00	1.63E-02	0.00E+00	0.00E+00	0.00E+00	2.25E-03
U-TSSF074	4.10E-03	4.01E-01	0.00E+00	4.01E-01	0.00E+00	0.00E+00	3.64E-01	2.05E-07	1.64E-03	2.37E-02	0.00E+00	0.00E+00	7.64E-12	2.13E-10	2.05E-03	0.00E+00	0.00E+00	0.00E+00	7.24E-05	2.23E-02	8.97E+00	0.00E+00	7.57E-10	1.88E-08	5.60E-03	1.17E-05	1.57E-02	0.00E+00	8.97E+00	2.18E-08	8.97E+00	5.56E+00	1.57E-02	0.00E+00	0.00E+00	0.00E+00	2.11E-03
U-TSSF076	4.38E-03	4.55E-01	0.00E+00	4.55E-01	0.00E+00	0.00E+00	3.96E-01	2.24E-07	1.79E-03	2.54E-02	0.00E+00	0.00E+00	8.81E-12	2.31E-10	2.17E-03	0.00E+00	0.00E+00	0.00E+00	7.89E-05	2.39E-02	9.69E+00	0.00E+00	8.36E-10	2.13E-08	6.02E-03	1.31E-05	1.65E-02	0.00E+00	9.69E+00	2.39E-08	9.69E+00	6.34E+00	1.65E-02	0.00E+00	0.00E+00	0.00E+00	2.28E-03
U-TSSF104	5.62E-03	6.26E-01	0.00E+00	6.26E-01	0.00E+00	0.00E+00	5.08E-01	2.93E-07	2.30E-03	3.15E-02	0.00E+00	0.00E+00	1.18E-11	2.85E-10	2.59E-03	0.00E+00	0.00E+00	0.00E+00	9.00E-05	3.00E-02	1.21E+01	0.00E+00	1.12E-09	2.98E-08	7.24E-03	1.74E-05	1.96E-02	0.00E+00	1.21E+01	2.98E-08	1.21E+01	8.74E+00	1.96E-02	0.00E+00	0.00E+00	0.00E+00	3.05E-03
U-TSSF106	6.27E-03	7.36E-01	0.00E+00	7.36E-01	0.00E+00	0.00E+00	5.72E-01	3.30E-07	2.62E-03	3.56E-02	0.00E+00	0.00E+00	1.38E-11	3.25E-10	2.81E-03	0.00E+00	0.00E+00	0.00E+00	9.96E-05	3.36E-02	1.36E+01	0.00E+00	1.28E-09	3.58E-08	8.12E-03	2.00E-05	2.16E-02	0.00E+00	1.36E+01	3.42E-08	1.36E+01	1.04E+01	2.16E-02	0.00E+00	0.00E+00	0.00E+00	3.43E-03
U-TSSF114	7.35E-03	9.13E-01	0.00E+00	9.13E-01	0.00E+00	0.00E+00	6.92E-01	3.98E-07	3.15E-03	4.10E-02	0.00E+00	0.00E+00	1.71E-11	3.84E-10	3.23E-03	0.00E+00	0.00E+00	0.00E+00	1.15E-04	3.98E-02	1.62E+01	0.00E+00	1.58E-09	4.58E-08	9.65E-03	2.48E-05	2.50E-02	0.00E+00	1.62E+01	4.14E-08	1.62E+01	1.29E+01	2.50E-02	0.00E+00	0.00E+00	0.00E+00	4.09E-03
U-TSSF116	8.65E-03	1.12E+00	0.00E+00	1.12E+00	0.00E+00	0.00E+00	8.27E-01	4.76E-07	3.76E-03	4.75E-02	0.00E+00	0.00E+00	2.07E-11	4.53E-10	3.73E-03	0.00E+00	0.00E+00	0.00E+00	1.33E-04	4.69E-02	1.91E+01	0.00E+00	1.85E-09	5.68E-08	1.13E-02	3.00E-05	2.87E-02	0.00E+00	1.91E+01	4.95E-08	1.91E+01	1.58E+01	2.87E-02	0.00E+00	0.00E+00	0.00E+00	4.86E-03
U-TSSF134	8.37E-03	1.08E+00	0.00E+00	1.08E+00	0.00E+00	0.00E+00	7.94E-01	4.59E-07	3.63E-03	4.61E-02	0.00E+00	0.00E+00	2.00E-11	4.38E-10	3.61E-03	0.00E+00	0.00E+00	0.00E+00	1.29E-04	4.52E-02	1.85E+01	0.00E+00	1.82E-09	5.42E-08	1.09E-02	2.89E-05	2.80E-02	0.00E+00	1.85E+01	4.77E-08	1.85E+01	1.52E+01	2.80E-02	0.00E+00	0.00E+00	0.00E+00	4.69E-03
U-TSSF136	9.99E-03	1.33E+00	0.00E+00	1.33E+00	0.00E+00	0.00E+00	9.63E-01	5.53E-07	4.38E-03	5.42E-02	0.00E+00	0.00E+00	2.43E-11	5.24E-10	4.19E-03	0.00E+00	0.00E+00	0.00E+00	1.51E-04	5.42E-02	2.19E+01	0.00E+00	2.21E-09	6.70E-08	1.30E-02	3.52E-05	3.25E-02	0.00E+00	2.19E+01	5.76E-08	2.19E+01	1.87E+01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	5.66E-03
U-TSSF154	1.73E-03	2.71E-01	0.00E+00	2.71E-01	0.00E+00	0.00E+00	1.79E-01	1.02E-07	8.08E-04	8.85E-03	0.00E+00	0.00E+00	4.77E-12	9.24E-11	6.62E-04	0.00E+00	0.00E+00	0.00E+00	2.40E-05	9.55E-03	3.79E+00	0.00E+00	4.17E-10	1.40E-08	2.23E-03	6.80E-06	5.07E-03	0.00E+00	3.79E+00	1.07E-08	3.79E+00	3.80E+00	5.07E-03	0.00E+00	0.00E+00	0.00E+00	1.03E-03
U-TSSF156	2.04E-03	3.20E-01	0.00E+00	3.20E-01	0.00E+00	0.00E+00	2.11E-01	1.20E-07	9.52E-04	1.05E-02	0.00E+00	0.00E+00	5.60E-12	1.09E-10	7.80E-04	0.00E+00	0.00E+00	0.00E+00	2.84E-05	1.12E-02	4.47E+00	0.00E+00	4.90E-10	1.65E-08	2.64E-03	8.02E-06	5.97E-03	0.00E+00	4.47E+00	1.26E-08	4.47E+00	4.48E+00	5.97E-03	0.00E+00	0.00E+00	0.00E+00	1.22E-03
U-TSSF164	2.51E-03	3.97E-01	0.00E+00	3.97E-01	0.00E+00	0.00E+00	2.60E-01	1.48E-07	1.16E-03	1.28E-02	0.00E+00	0.00E+00	6.92E-12	1.34E-10	9.71E-04	0.00E+00	0.00E+00	0.00E+00	3.48E-05	1.37E-02	5.45E+00	0.00E+00	6.04E-10	2.09E-08	3.21E-03	9.88E-06	7.29E-03	0.00E+00	5.45E+00	1.56E-08	5.45E+00	5.49E+00	7.29E-03	0.00E+00	0.00E+00	0.00E+00	1.50E-03
U-TSSF166	2.61E-03	4.19E-01	0.00E+00	4.19E-01	0.00E+00	0.00E+00	2.77E-01	1.57E-07	1.24E-03	1.36E-02	0.00E+00	0.00E+00	7.37E-12	1.43E-10	1.03E-03	0.00E+00	0.00E+00	0.00E+00	3.70E-05	1.46E-02	5.81E+00	0.00E+00	6.40E-10	2.18E-08	3.40E-03	1.05E-05	7.74E-03	0.00E+00	5.81E+00	1.66E-08	5.81E+00	5.85E+00	7.74E-03	0.00E+00	0.00E+00	0.00E+00	1.59E-03
U-TSSF174	2.54E-03	4.09E-01	0.00E+00	4.09E-01	0.00E+00	0.00E+00	2.69E-01	1.53E-07	1.21E-03	1.33E-02	0.00E+00	0.00E+00	7.19E-12	1.39E-10	9.99E-04	0.00E+00	0.00E+00	0.00E+00	3.61E-05	1.42E-02	5.66E+00	0.00E+00	6.24E-10	2.13E-08	3.31E-03	1.03E-05	7.53E-03	0.00E+00	5.66E+00	1.62E-08	5.66E+00	5.70E+00	7.53E-03	0.00E+00	0.00E+00	0.00E+00	1.54E-03
U-TSSF176	3.11E-03	4.94E-01	0.00E+00	4.94E-01	0.00E+00	0.00E+00	3.27E-01	1.85E-07	1.47E-03	1.62E-02	0.00E+00	0.00E+00	8.73E-12	1.69E-10	1.21E-03	0.00E+00	0.00E+00	0.00E+00	4.38E-05	1.73E-02	6.89E+00	0.00E+00	7.57E-10	2.58E-08	4.05E-03	1.25E-05	9.18E-03	0.00E+00	6.89E+00	1.96E-08	6.89E+00	6.93E+00	9.18E-03	0.00E+00	0.00E+00	0.00E+00	1.87E-03
U-TSSF254	3.69E-03	3.18E-01	0.00E+00	3.18E-01	0.00E+00	0.00E+00	3.08E-01	1.79E-07	1.40E-03	2.20E-02	0.00E+00	0.00E+00	6.52E-12	1.85E-10	1.85E-03	0.00E+00	0.00E+00	0.00E+00	6.30E-05	1.94E-02	7.93E+00	0.00E+00	6.58E-10	1.46E-08	4.87E-03	9.76E-06	1.42E-02	0.00E+00	7.93E+00	1.78E-08	7.93E+00	4.45E+00	1.42E-02	0.00E+00	0.00E+00	0.00E+00	1.86E-03
U-TSSF256	4.10E-03	3.81E-01	0.00E+00	3.81E-01	0.00E+00	0.00E+00	3.52E-01	2.03E-07	1.58E-03	2.39E-02	0.00E+00	0.00E+00	7.59E-12	2.06E-10	2.00E-03	0.00E+00	0.00E+00	0.00E+00	6.83E-05	2.16E-02	8.61E+00	0.00E+00	7.52E-10	1.76E-08	5.36E-03	1.13E-05	1.54E-02	0.00E+00	8.61E+00	2.03E-08	8.61E+00	5.29E+00	1.54E-02	0.00E+00	0.00E+00	0.00E+00	2.09E-03
U-TSSF264	4.34E-03	4.17E-01	0.00E+00	4.17E-01	0.00E+00	0.00E+00	3.77E-01	2.16E-07	1.68E-03	2.50E-02	0.00E+00	0.00E+00	8.22E-12	2.19E-10	2.10E-03	0.00E+00	0.00E+00	0.00E+00	7.15E-05	2.30E-02	9.25E+00	0.00E+00	8.08E-10	1.98E-08	5.62E-03	1.22E-05	1.60E-02	0.00E+00	9.25E+00	2.17E-08	9.25E+00	5.81E+00	1.60E-02	0.00E+00	0.00E+00	0.00E+00	2.25E-03
U-TSSF266	4.76E-03	4.95E-01	0.00E+00	4.95E-01	0.00E+00	0.00E+00	4.26E-01	2.44E-07	1.92E-03	2.75E-02	0.00E+00	0.00E+00	9.63E-12	2.45E-10	2.27E-03	0.00E+00	0.00E+00	0.00E+00	7.83E-05	2.54E-02	1.03E+01	0.00E+00	9.26E-10	2.36E-08	6.25E-03	1.43E-05	1.74E-02	0.00E+00	1.03E+01	2.49E-08	1.03E+01	6.93E+00	1.74E-02	0.00E+00	0.00E+00	0.00E+00	2.51E-03
U-TSSF274	4.53E-03	4.58E-01	0.00E+00	4.58E-01	0.00E+00	0.00E+00	4.01E-01	2.30E-07	1.80E-03	2.63E-02	0.00E+00	0.00E+00	8.99E-12	2.32E-10	2.19E-03	0.00E+00	0.00E+00	0.00E+00	7.49E-05	2.42E-02	9.82E+00	0.00E+00	8.68E-10	2.16E-08	5.94E-03	1.33E-05	1.67E-02	0.00E+00	9.82E+00	2.34E-08	9.82E+00	6.40E+00	1.67E-02	0.00E+00	0.00E+00	0.00E+00	2.37E-03
U-TSSF276	5.13E-03	5.52E-01	0.00E+00	5.52E-01	0.00E+00	0.00E+00	4.61E-01	2.65E-07	2.09E-03	2.94E-02	0.00E+00	0.00E+00	1.06E-11	2.64E-10	2.40E-03	0.00E+00	0.00E+00	0.00E+00	8.32E-05	2.73E-02	1.11E+01	0.00E+00	1.01E-09	2.64E-08	6.73E-03	1.57E-05	1.84E-02	0.00E+00	1.11E+01	2.71E-08	1.11E+01	7.72E+00	1.84E-02	0.00E+00	0.00E+00	0.00E+00	2.72E-03
U-TSSF284	4.78E-03	4.98E-01	0.00E+00	4.98E-01	0.00E+00	0.00E+00	4.28E-01	2.46E-07	1.92E-03	2.76E-02	0.00E+00	0.00E+00	9.68E-12	2.46E-10	2.28E-03	0.00E+00	0.00E+00	0.00E+00	7.86E-05	2.55E-02	1.04E+01	0.00E+00	9.31E-10	2.37E-08	6.28E-03	1.43E-05	1.74E-02	0.00E+00	1.04E+01	2.50E-08	1.04E+01	6.97E+00	1.74E-02	0.00E+00	0.00E+00	0.00E+00	2.53E-03
U-TSSF286	5.65E-03	6.34E-01	0.00E+00	6.34E-01	0.00E+00	0.00E+00	5.12E-01	2.96E-07	2.33E-03	3.21E-02	0.00E+00	0.00E+00	1.21E-11	2.90E-10	2.59E-03	0.00E+00	0.00E+00	0.00E+00	9.07E-05	3.01E-02	1.22E+01	0.00E+00	1.14E-09	3.06E-08	7.42E-03	1.76E-05	2.00E-02	0.00E+00	1.22E+01	3.02E-08	1.22E+01	8.99E+00	2.00E-02	0.00E+00	0.00E+00	0.00E+00	3.04E-03
U-TSSF294	5.04E-03	5.39E-01	0.00E+00	5.39E-01	0.00E+00	0.00E+00	4.53E-01	2.62E-07	2.06E-03	2.89E-02	0.00E+00	0.00E+00	1.04E-11	2.60E-10	2.37E-03	0.00E+00	0.00E+00	0.00E+00	8.21E-05	2.69E-02	1.09E+01	0.00E+00	9.92E-10	2.58E-08	6.62E-03	1.54E-05	1.82E-02	0.00E+00	1.09E+01	2.66E-08	1.09E+01	7.54E+00	1.82E-02	0.00E+00	0.00E+00	0.00E+00	2.68E-03
U-TSSF296	5.65E-03	6.34E-01	0.00E+00	6.34E-01	0.00E+00	0.00E+00	5.12E-01	2.96E-07	2.33E-03	3.21E-02	0.00E+00	0.00E+00	1.21E-11	2.90E-10	2.59E-03	0.00E+00	0.00E+00	0.00E+00	9.07E-05	3.01E-02	1.22E+01	0.00E+00	1.14E-09	3.06E-08	7.42E-03	1.76E-05	2.00E-02	0.00E+00	1.22E+01	3.02E-08	1.22E+01	8.99E+00	2.00E-02	0.00E+00	0.00E+00	0.00E+00	3.04E-03
U-TSSF354	3.86E-03	3.46E-01	0.00E+00	3.46E-01	0.00E+00	0.00E+00	3.26E-01	1.89E-07	1.48E-03	2.26E-02	0.00E+00	0.00E+00	7.02E-12	1.93E-10	1.91E-03	0.00E+00	0.00E+00	0.00E+00	6.60E-05	2.02E-02	8.30E+00	0.00E+00	6.99E-10	1.54E-08	5.02E-03	1.05E-05	1.46E-02	0.00E+00	8.30E+00	1.90E-08	8.30E+00	4.84E+00	1.46E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-03
U-TSSF356	4.53E-03	4.58E-01	0.00E+00	4.58E-01	0.00E+00	0.00E+00	3.98E-01	2.30E-07	1.79E-03	2.59E-02	0.00E+00	0.00E+00	8.94E-12	2.29E-10	2.18E-03	0.00E+00	0.00E+00	0.00E+00	7.51E-05	2.40E-02	9.77E+00	0.00E+00	8.65E-10	2.15E-08	5.85E-03	1.32E-05	1.65E-02	0.00E+00	9.77E+00	2.33E-08	9.77E+00	6.38E+00	1.65E-02	0.00E+00	0.00E+00	0.00E+00	2.36E-03
U-TSSF364	4.53E-03	4.58E-01	0.00E+00	4.58E-01	0.00E+00	0.00E+00	4.01E-01	2.30E-07	1.80E-03	2.61E-02	0.00E+00	0.00E+00	8.99E-12	2.30E-10	2.18E-03	0.00E+00	0.00E+00	0.00E+00	7.54E-05	2.42E-02	9.82E+00	0.00E+00	8.68E-10	2.16E-08	5.86E-03	1.33E-05	1.66E-02	0.00E+00	9.82E+00	2.34E-08	9.82E+00	6.40E+00	1.66E-02	0.00E+00	0.00E+00	0.00E+00	2.37E-03
U-TSSF366	5.03E-03	5.36E-01	0.00E+00	5.36E-01	0.00E+00	0.00E+00	4.51E-01	2.59E-07	2.04E-03	2.86E-02	0.00E+00	0.00E+00	1.04E-11	2.57E-10	2.37E-03	0.00E+00	0.00E+00	0.00E+00	8.25E-05	2.69E-02	1.09E+01	0.00E+00	9.88E-10	2.57E-08	6.52E-03	1.53E-05	1.80E-02	0.00E+00	1.09E+01	2.65E-08	1.09E+01	7.51E+00	1.80E-02	0.00E+00	0.00E+00	0.00E+00	2.67E-03
U-TSSF374	4.78E-03	4.98E-01	0.00E+00	4.98E-01	0.00E+00	0.00E+00	4.28E-01	2.46E-07	1.92E-03	2.74E-02	0.00E+00	0.00E+00	9.68E-12	2.44E-10	2.28E-03	0.00E+00	0.00E+00	0.00E+00	7.92E-05	2.55E-02	1.04E+01	0.00E+00	9.31E-10	2.37E-08	6.20E-03	1.43E-05	1.73E-02	0.00E+00	1.04E+01	2.50E-08	1.04E+01	6.97E+00	1.73E-02	0.00E+00	0.00E+00	0.00E+00	2.53E-03
U-TSSF376	5.54E-03	6.14E-01	0.00E+00	6.14E-01	0.00E+00	0.00E+00	4.99E-01	2.89E-07	2.26E-03	3.12E-02	0.00E+00	0.00E+00	1.17E-11	2.82E-10	2.55E-03	0.00E+00	0.00E+00	0.00E+00	8.94E-05	2.95E-02	1.19E+01	0.00E+00	1.11E-09	2.98E-08	7.16E-03	1.72E-05	1.95E-02	0.00E+00	1.19E+01	2.95E-08	1.19E+01	8.64E+00	1.95E-02	0.00E+00	0.00E+00	0.00E+00	2.98E-03
U-TSSF384	5.13E-03	5.52E-01	0.00E+00	5.52E-01	0.00E+00	0.00E+00	4.61E-01	2.65E-07	2.09E-03	2.94E-02	0.00E+00	0.00E+00	1.06E-11	2.64E-10	2.40E-03	0.00E+00	0.00E+00	0.00E+00	8.32E-05	2.73E-02	1.11E+01	0.00E+00	1.01E-09	2.64E-08	6.73E-03	1.57E-05	1.84E-02	0.00E+00	1.11E+01	2.71E-08	1.11E+01	7.72E+00	1.84E-02	0.00E+00	0.00E+00	0.00E+00	2.72E-03
U-TSSF386	5.83E-03	6.58E-01	0.00E+00	6.58E-01	0.00E+00	0.00E+00	5.29E-01	3.06E-07	2.41E-03	3.27E-02	0.00E+00	0.00E+00	1.26E-11	2.98E-10	2.64E-03	0.00E+00	0.00E+00	0.00E+00	9.31E-05	3.10E-02	1.26E+01	0.00E+00	1.17E-09	3.25E-08	7.51E-03	1.82E-05	2.05E-02	0.00E+00	1.26E+01	3.13E-08	1.26E+01	9.34E+00	2.05E-02	0.00E+00	0.00E+00	0.00E+00	3.15E-03
U-TSSF394	5.46E-03	6.01E-01	0.00E+00	6.01E

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Installation A5

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FG34XE	3.11E-06	2.03E-04	4.88E-04	6.90E-04	0.00E+00	0.00E+00	2.80E-02	1.32E-05	2.31E-06	1.10E-05	0.00E+00	4.52E-05	2.32E-10	5.46E-12	1.42E-04	5.61E-06	5.31E-04	1.32E-05	1.92E-06	5.33E-04	1.04E-02	0.00E+00	2.03E-11	1.57E-11	2.70E-06	8.48E-09	1.14E-03	0.00E+00	1.04E-02	9.29E-12	1.04E-02	1.15E-02	1.14E-03	0.00E+00	0.00E+00	0.00E+00	8.26E-05
FL252Z	2.94E-06	1.36E-03	2.39E-04	1.12E-03	0.00E+00	0.00E+00	1.49E-02	1.48E-06	1.38E-06	6.68E-06	0.00E+00	2.92E-05	1.13E-10	3.35E-12	1.68E-04	2.74E-06	1.07E-04	6.57E-06	1.98E-06	4.68E-04	1.01E-02	0.00E+00	1.34E-11	1.77E-11	2.02E-06	5.38E-08	1.35E-03	0.00E+00	1.01E-02	2.52E-11	1.01E-02	1.14E-02	1.33E-03	0.00E+00	0.00E+00	0.00E+00	8.42E-05
FL254Z	4.99E-04	2.31E-01	4.04E-02	1.90E-01	0.00E+00	0.00E+00	2.52E+00	2.47E-06	2.33E-04	1.47E-03	0.00E+00	4.27E-03	1.92E-08	5.68E-10	2.85E-02	4.64E-04	1.84E-02	1.64E-05	3.34E-04	7.94E-02	1.70E+00	0.00E+00	2.27E-09	3.00E-09	3.43E-04	9.10E-06	2.29E-01	0.00E+00	1.70E+00	4.28E-09	1.70E+00	1.93E+00	2.29E-01	0.00E+00	0.00E+00	0.00E+00	1.44E-02
FL255Z	6.17E-04	2.85E-01	4.99E-02	2.35E-01	0.00E+00	0.00E+00	3.11E+00	3.08E-06	2.88E-04	1.82E-03	0.00E+00	5.28E-03	2.37E-08	7.01E-10	3.52E-02	5.73E-04	2.27E-02	2.02E-05	4.13E-04	9.81E-02	2.11E+00	0.00E+00	2.80E-09	3.70E-09	4.24E-04	1.12E-05	2.83E-01	0.00E+00	2.11E+00	5.28E-09	2.11E+00	2.39E+00	2.83E-01	0.00E+00	0.00E+00	0.00E+00	1.77E-02
FL256Z	2.97E-06	1.35E-03	2.43E-04	1.11E-03	0.00E+00	0.00E+00	1.51E-02	1.47E-06	1.40E-06	8.77E-06	0.00E+00	2.56E-05	1.15E-10	3.40E-12	1.66E-04	2.79E-06	1.02E-04	5.12E-06	1.94E-06	4.61E-04	1.01E-02	0.00E+00	1.36E-11	1.78E-11	2.05E-06	5.36E-08	1.36E-03	0.00E+00	1.01E-02	2.53E-11	1.01E-02	1.15E-02	1.36E-03	0.00E+00	0.00E+00	0.00E+00	8.35E-05
FL259Z	7.99E-05	3.66E-02	6.46E-03	3.04E-02	0.00E+00	0.00E+00	4.03E-01	3.98E-07	3.73E-05	2.35E-04	0.00E+00	6.84E-04	3.07E-09	9.09E-11	4.57E-03	7.42E-05	2.94E-03	2.62E-06	5.35E-05	1.27E-02	2.73E-01	0.00E+00	3.63E-10	4.80E-10	5.49E-05	1.46E-06	3.66E-02	0.00E+00	2.73E-01	6.84E-10	2.73E-01	3.09E-01	3.66E-02	0.00E+00	0.00E+00	0.00E+00	2.30E-03
FZ201XE RAL7035	4.16E-08	9.96E-10	1.13E-09	1.28E-10	0.00E+00	0.00E+00	7.61E-09	1.90E-14	4.83E-13	8.93E-12	0.00E+00	3.35E-11	0.00E+00	0.00E+00	2.09E-10	3.76E-12	5.28E-10	0.00E+00	1.05E-12	7.12E-10	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-12	6.70E-14	1.78E-09	0.00E+00	1.26E-08	0.00E+00	1.26E-08	1.43E-08	1.78E-09	0.00E+00	0.00E+00	0.00E+00	4.51E-11
FZ204XE RAL7035	3.17E-08	1.23E-09	1.39E-09	1.58E-10	0.00E+00	0.00E+00	9.37E-09	2.40E-14	5.96E-13	1.10E-11	0.00E+00	4.13E-11	0.00E+00	0.00E+00	2.57E-10	4.63E-12	6.50E-10	0.00E+00	1.29E-12	8.77E-10	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.90E-12	8.30E-14	2.20E-09	0.00E+00	1.55E-08	0.00E+00	1.55E-08	1.77E-08	2.20E-09	0.00E+00	0.00E+00	0.00E+00	5.55E-11
FZ205XE RAL7035	4.01E-08	1.23E-09	1.39E-09	1.58E-10	0.00E+00	0.00E+00	9.38E-09	2.40E-14	5.96E-13	1.10E-11	0.00E+00	4.13E-11	0.00E+00	0.00E+00	2.57E-10	4.63E-12	6.50E-10	0.00E+00	1.29E-12	8.77E-10	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.90E-12	8.30E-14	2.20E-09	0.00E+00	1.55E-08	0.00E+00	1.55E-08	1.77E-08	2.20E-09	0.00E+00	0.00E+00	0.00E+00	5.55E-11
FZ206XE RAL7035	4.50E-08	1.23E-09	1.39E-09	1.58E-10	0.00E+00	0.00E+00	9.38E-09	2.40E-14	5.96E-13	1.10E-11	0.00E+00	4.13E-11	0.00E+00	0.00E+00	2.57E-10	4.63E-12	6.50E-10	0.00E+00	1.29E-12	8.77E-10	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.90E-12	8.30E-14	2.20E-09	0.00E+00	1.55E-08	0.00E+00	1.55E-08	1.77E-08	2.20E-09	0.00E+00	0.00E+00	0.00E+00	5.55E-11
FZ221XE	2.44E-09	5.17E-09	5.83E-09	6.64E-10	0.00E+00	0.00E+00	3.93E-08	9.90E-14	2.50E-12	4.61E-11	0.00E+00	1.73E-10	1.00E-15	0.00E+00	1.08E-09	1.94E-11	2.73E-09	0.00E+00	5.43E-12	3.68E-09	6.49E-08	0.00E+00	0.00E+00	0.00E+00	7.97E-12	3.47E-13	9.21E-09	0.00E+00	6.49E-08	0.00E+00	6.49E-08	7.41E-08	9.21E-09	0.00E+00	0.00E+00	0.00E+00	2.33E-10
FZ221XE RAL7035	4.71E-03	2.09E+00	3.94E-01	1.70E+00	0.00E+00	0.00E+00	2.45E+01	2.33E-05	2.25E-03	1.40E-02	0.00E+00	4.14E-02	1.87E-07	5.47E-09	2.53E-01	4.53E-03	1.40E-01	2.00E-15	2.95E-03	6.96E-01	1.61E+01	0.00E+00	2.18E-08	2.82E-08	3.27E-03	8.35E-05	2.15E+00	0.00E+00	1.61E+01	3.95E-08	1.61E+01	1.83E+01	2.15E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-01
FZ223XE	1.15E-08	5.17E-09	5.83E-09	6.64E-10	0.00E+00	0.00E+00	3.94E-08	9.90E-14	2.50E-12	4.62E-11	0.00E+00	1.73E-10	1.00E-15	0.00E+00	1.08E-09	1.94E-11	2.73E-09	0.00E+00	5.43E-12	3.68E-09	6.49E-08	0.00E+00	0.00E+00	0.00E+00	7.98E-12	3.47E-13	9.22E-09	0.00E+00	6.49E-08	0.00E+00	6.49E-08	7.42E-08	9.22E-09	0.00E+00	0.00E+00	0.00E+00	2.33E-10
FZ224XE	5.56E-08	1.11E-08	1.25E-08	1.43E-09	0.00E+00	0.00E+00	8.45E-08	2.13E-13	5.37E-12	9.92E-11	0.00E+00	3.72E-10	2.00E-15	0.00E+00	2.32E-09	4.17E-11	5.86E-09	0.00E+00	1.17E-11	7.91E-09	1.40E-07	0.00E+00	0.00E+00	0.00E+00	1.71E-11	7.45E-13	1.98E-08	0.00E+00	1.40E-07	0.00E+00	1.40E-07	1.59E-07	1.98E-08	0.00E+00	0.00E+00	0.00E+00	5.01E-10
FZ224XE RAL7035	5.56E-08	1.11E-08	1.25E-08	1.43E-09	0.00E+00	0.00E+00	8.45E-08	2.13E-13	5.37E-12	9.92E-11	0.00E+00	3.72E-10	2.00E-15	0.00E+00	2.32E-09	4.17E-11	5.86E-09	0.00E+00	1.17E-11	7.91E-09	1.40E-07	0.00E+00	0.00E+00	0.00E+00	1.71E-11	7.45E-13	1.98E-08	0.00E+00	1.40E-07	0.00E+00	1.40E-07	1.59E-07	1.98E-08	0.00E+00	0.00E+00	0.00E+00	5.01E-10
FZ225XE	6.19E-07	4.01E-05	9.63E-05	1.36E-04	0.00E+00	0.00E+00	5.53E-03	2.60E-09	4.57E-07	2.17E-06	0.00E+00	8.94E-06	4.58E-11	1.08E-12	2.81E-05	1.11E-06	1.05E-04	2.60E-06	3.80E-07	1.05E-04	2.05E-03	0.00E+00	4.02E-12	3.10E-12	5.33E-07	1.68E-09	2.26E-04	0.00E+00	2.05E-03	1.84E-12	2.05E-03	2.28E-03	2.26E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-05
FZ225XE RAL7035	6.15E-07	4.01E-05	9.63E-05	1.36E-04	0.00E+00	0.00E+00	5.53E-03	2.60E-09	4.57E-07	2.17E-06	0.00E+00	8.94E-06	4.58E-11	1.08E-12	2.81E-05	1.11E-06	1.05E-04	2.60E-06	3.80E-07	1.05E-04	2.05E-03	0.00E+00	4.02E-12	3.10E-12	5.33E-07	1.68E-09	2.26E-04	0.00E+00	2.05E-03	1.84E-12	2.05E-03	2.28E-03	2.26E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-05
FZ226XE RAL7035	4.23E-08	1.11E-08	1.25E-08	1.43E-09	0.00E+00	0.00E+00	8.45E-08	2.13E-13	5.37E-12	9.92E-11	0.00E+00	3.72E-10	2.00E-15	0.00E+00	2.32E-09	4.17E-11	5.86E-09	0.00E+00	1.17E-11	7.91E-09	1.39E-07	0.00E+00	0.00E+00	0.00E+00	1.71E-11	7.45E-13	1.98E-08	0.00E+00	1.39E-07	0.00E+00	1.39E-07	1.59E-07	1.98E-08	0.00E+00	0.00E+00	0.00E+00	5.01E-10
FZ321XW	6.97E-04	3.10E-01	5.84E-02	2.52E-01	0.00E+00	0.00E+00	3.63E+00	3.45E-06	3.34E-04	2.06E-03	0.00E+00	6.14E-03	2.78E-08	8.11E-10	3.75E-02	6.71E-04	2.07E-02	0.00E+00	4.37E-04	1.03E-01	2.39E+00	0.00E+00	3.23E-09	4.18E-09	4.85E-04	1.24E-05	3.19E-01	0.00E+00	2.39E+00	5.86E-09	2.39E+00	2.71E+00	3.19E-01	0.00E+00	0.00E+00	0.00E+00	1.88E-02
FZ322XW	6.87E-09	4.93E-09	5.56E-09	6.33E-10	0.00E+00	0.00E+00	3.75E-08	9.50E-14	2.38E-12	4.40E-11	0.00E+00	1.65E-10	1.00E-15	0.00E+00	1.03E-09	1.85E-11	2.60E-09	0.00E+00	5.18E-12	3.51E-09	6.19E-08	0.00E+00	0.00E+00	0.00E+00	7.60E-12	3.31E-13	8.79E-09	0.00E+00	6.19E-08	0.00E+00	6.19E-08	7.07E-08	8.79E-09	0.00E+00	0.00E+00	0.00E+00	2.22E-10
FZ323XW	1.73E-09	4.93E-09	5.56E-09	6.34E-10	0.00E+00	0.00E+00	3.75E-08	9.50E-14	2.38E-12	4.40E-11	0.00E+00	1.65E-10	1.00E-15	0.00E+00	1.03E-09	1.85E-11	2.60E-09	0.00E+00	5.18E-12	3.51E-09	6.20E-08	0.00E+00	0.00E+00	0.00E+00	7.61E-12	3.31E-13	8.79E-09	0.00E+00	6.20E-08	0.00E+00	6.20E-08	7.07E-08	8.79E-09	0.00E+00	0.00E+00	0.00E+00	2.22E-10
FZ324XWL	3.03E-03	1.35E+00	2.54E-01	1.10E+00	0.00E+00	0.00E+00	1.58E+01	1.50E-05	1.45E-03	9.03E-03	0.00E+00	2.67E-02	1.21E-07	3.53E-09	1.63E-01	2.92E-03	9.00E-02	1.00E-15	1.90E-03	4.49E-01	1.04E+01	0.00E+00	1.40E-08	1.82E-08	2.11E-03	5.38E-05	1.39E+00	0.00E+00	1.04E+01	2.55E-08	1.04E+01	1.18E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-02
FZ324XWR	3.33E-08	6.68E-09	7.55E-09	8.61E-10	0.00E+00	0.00E+00	5.10E-08	1.28E-13	3.24E-12	5.98E-11	0.00E+00	2.25E-10	1.00E-15	0.00E+00	1.40E-09	2.52E-11	3.54E-09	0.00E+00	7.03E-12	4.77E-09	8.41E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-11	4.49E-13	1.19E-08	0.00E+00	8.41E-08	0.00E+00	8.41E-08	9.61E-08	1.19E-08	0.00E+00	0.00E+00	0.00E+00	3.02E-10
FZ326XWL	7.85E-08	6.33E-09	7.14E-09	8.13E-10	0.00E+00	0.00E+00	4.82E-08	1.21E-13	3.06E-12	5.65E-11	0.00E+00	2.12E-10	1.00E-15	0.00E+00	1.32E-09	2.38E-11	3.34E-09	0.00E+00	6.65E-12	4.51E-09	7.95E-08	0.00E+00	0.00E+00	0.00E+00	9.76E-12	4.25E-13	1.13E-08	0.00E+00	7.95E-08	0.00E+00	7.95E-08	9.08E-08	1.13E-08	0.00E+00	0.00E+00	0.00E+00	2.85E-10
FZ326XWR	2.61E-08	6.70E-09	7.56E-09	8.61E-10	0.00E+00	0.00E+00	5.10E-08	1.29E-13	3.24E-12	5.98E-11	0.00E+00	2.25E-10	1.00E-15	0.00E+00	1.40E-09	2.52E-11	3.54E-09	0.00E+00	7.04E-12	4.77E-09	8.42E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-11	4.50E-13	1.19E-08	0.00E+00	8.42E-08	0.00E+00	8.42E-08	9.61E-08	1.19E-08	0.00E+00	0.00E+00	0.00E+00	3.02E-10
FZ331XG	3.53E-08	1.24E-09	1.40E-09	1.60E-10	0.00E+00	0.00E+00	9.47E-09	2.40E-14	6.02E-13	1.11E-11	0.00E+00	4.17E-11	0.00E+00	0.00E+00	2.60E-10	4.68E-12	6.57E-10	0.00E+00	1.31E-12	8.86E-10	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.92E-12	8.30E-14	2.22E-09	0.00E+00	1.56E-08	0.00E+00	1.56E-08	1.78E-08	2.22E-09	0.00E+00	0.00E+00	0.00E+00	5.61E-11
FZ332XG	4.25E-08	1.24E-09	1.40E-09	1.59E-10	0.00E+00	0.00E+00	9.44E-09	2.40E-14	6.00E-13	1.11E-11	0.00E+00	4.16E-11	0.00E+00	0.00E+00	2.59E-10	4.66E-12	6.55E-10	0.00E+00	1.30E-12	8.83E-10	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.91E-12	8.30E-14	2.21E-09	0.00E+00	1.55E-08	0.00E+00	1.55E-08	1.78E-08	2.21E-09	0.00E+00	0.00E+00	0.00E+00	5.59E-11
FZ333XG	4.19E-08	1.24E-09	1.40E-09	1.60E-10	0.00E+00	0.00E+00	9.45E-09	2.40E-14	6.00E-13	1.11E-11	0.00E+00	4.16E-11	0.00E+00	0.00E+00	2.59E-10	4.67E-12	6.56E-10	0.00E+00	1.30E-12	8.84E-10	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.92E-12	8.30E-14	2.21E-09	0.00E+00	1.56E-08	0.00E+00	1.56E-08	1.78E-08	2.21E-09	0.00E+00	0.00E+00	0.00E+00	5.60E-11
FZ334XGL	3.40E-08	1.58E-10	1.78E-10	2.03E-11	0.00E+00	0.00E+00	1.20E-09	3.00E-15	7.70E-14	1.41E-12	0.00E+00	5.30E-12	0.00E+00	0.00E+00	3.30E-11	5.94E-13	8.36E-11	0.00E+00	1.66E-13	1.13E-10	1.99E-09	0.00E+00	0.00E+00	0.00E+00	2.44E-13	1.10E-14	2.82E-10	0.00E+00	1.99E-09	0.00E+00	1.99E-09	2.27E-09	2.82E-10	0.00E+00	0.00E+00	0.00E+00	7.13E-12
FZ334XGR	1.28E-08	5.37E-10	5.94E-10	6.77E-11	0.00E+00	0.00E+00	4.01E-09	1.00E-14	2.55E-13	4.70E-12	0.00E+00	1.77E-11	0.00E+00	0.00E+00	1.10E-10	1.98E-12	2.78E-10	0.00E+00	5.53E-13	3.75E-10	6.62E-09	0.00E+00	0.00E+00	0.00E+00	8.13E-13	3.50E-14	9.39E-10	0.00E+00	6.62E-09	0.00E+00	6.62E-09	7.56E-09	9.39E-10	0.00E+00	0.00E+00	0.00E+00	2.38E-11
FZ336XGL	3.06E-08	1.59E-10	1.80E-10	2.05E-11	0.00E+00	0.00E+00	1.21E-09	3.00E-15	7.70E-14	1.42E-12	0.00E+00	5.34E-12	0.00E+00	0.00E+00	3.33E-11	5.99E-13	8.41E-11	0.00E+00	1.67E-13	1.13E-10	2.00E-09	0.00E+00	0.00E+00	0.00E+00	2.46E-13	1.10E-14	2.84E-10	0.00E+00	2.00E-09	0.00E+00	2.00E-09	2.28E-09	2.84E-10	0.00E+00	0.00E+00	0.00E+00	7.18E-12
FZ336XGR	2.01E-08	5.30E-10	5.98E-10	6.81E-11	0.00E+00	0.00E+00	4.04E-09	1.00E-14	2.56E-13	4.73E-12	0.00E+00	1.78E-11	0.00E+00	0.00E+00	1.11E-10	1.99E-12	2.80E-10	0.00E+00	5.57E-13	3.78E-10	6.66E-09	0.00E+00	0.00E+00	0.00E+00	8.18E-13	3.60E-14	9.45E-10	0.00E+00	6.66E-09	0.00E+00	6.66E-09	7.61E-09	9.45E-10	0.00E+00	0.00E+00	0.00E+00	2.39E-11
FZ414XE7035	1.47E-06	2.60E-08	2.93E-08	3.34E-09	0.00E+00	0.00E+00	1.98E-07	4.99E-13	1.26E-11	2.32E-10	0.00E+00	8.72E-10	4.00E-15	0.00E+00	5.43E-09	9.77E-11	1.37E-08	0.00E+00	2.73E-11	1.85E-08	3.27E-07	0.00E+00	0.00E+00	1.00E-15	4.01E-11	1.74E-12	4.63E-08	0.00E+00	3.27E-07	1.00E-15	3.27E-07	3.73E-07	4.63E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-09
FZ414XE9005	2.23E-04	1.03E-01	1.80E-02	8.51E-02	0.00E+00	0.00E+00	1.13E+00	1.11E-06	1.04E-04	6.57E-04	0.00E+00	1.91E-03	8.57E-09	2.54E-10	1.26E-02	2.07E-04	8.22E-03	7.35E-06	1.49E-04	3.55E-02	7.62E-01	0.00E+00	1.01E-09	1.34E-09	1.53E-04	4.07E-06	1.02E-01	0.00E+00	7.62E-01	1.91E-09	7.62E-01	8.64E-01	1.02E-01	0.00E+00	0.00E+00	0.00E+00	6.42E-03
FZ414XE9010	1.57E-06	1.35E-03	2.54E-04	1.10E-03	0.00E+00	0.00E+00	1.58E-02	1.50E-06	1.45E-06	9.03E-06	0.00E+00	2.67E-05	1.21E-10	3.53E-12	1.63E-04	2.92E-06	9.00E-05	0.00E+00	1.90E-06	4.49E-04	1.04E-02	0.00E+00	1.40E-11	1.82E-11	2.11E-06	5.38E-08	1.39E-03	0.00E+00	1.04E-02	2.55E-11	1.04E-02	1.18E-02	1.39E-03	0.00E+00	0.00E+00	0.00E+00	8.16E-05
FZ708EW	1.50E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
FZ708EWF	1.51E-03	6.75E-01	1.26E-01	5.49E-01	0.00E+00	0.00E+00	7.84E+00	7.48E-06	7.22E-04	4.50E-03	0.00E+00	1.33E-02	6.00E-08	1.75E-09	8.17E-02	1.45E-03	4.56E-02	1.31E-03	9.53E-04	2.23E-01	5.17E+00	0.00E+00	6.98E-09	9.06E-09	1.05E-03	2.69E-05	6.91E-01	0.00E+00	5.17E+00	1.27E-08	5.17E+00	5.86E+00	6.91E-01	0.00E+00	0.00E+00	0.00E+00	4.09E-02
FZ708EWT	5.02E-04	2.32E-01	4.06E-02	1.91E-01	0.00E+00	0.00E+00	2.54E+00	2.49E-06	2.35E-04	1.48E-03	0.00E+00	4.30E-03	1.93E-08	5.72E-10	2.87E-02	4.67E-04	1.85E-02	1.53E-05	3.36E-04	7.98E-02	1.72E+00	0.00E+00	2.28E-09	3.02E-09	3.45E-04	9.16E-06	2.30E-01	0.00E+00	1.72E+00	4.30E-09	1.72E+00	1.95E+00	2.30E-01	0.00E+00	0.00E+00	0.00E+00	1.44E-02
FZ708XE RAL7035	8.98E-09	4.40E-11	4.99E-11	5.65E-12	0.00E+00	0.00E+00	3.35E-10	1.00E-15	2.10E-14	3.93E-13	0.00E+00	1.47E-12	0.00E+00	0.00E+00	9.19E-12	1.65E-13	2.32E-11	0.00E+00	4.60E-14	3.13E-11	5.52E-10	0.00E+00	0.00E+00	0.00E+00	6.80E-14	3.00E-15	7.84E-11	0.00E+00	5.52E-10	0.00E+00	5.52E-10	6.31E-10	7.84E-11	0.00E+00	0.00E+00	0.00E+00	1.98E-12
FZ709EX	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
FZ709EXF	2.22E-06	1.89E-03	5.66E-04	2.26E-03	0.00E+00	0.00E+00	3.14E-02	7.17E-06	2.44E-08	9.45E-08	0.00E+00	4.95E-05	2.69E-10	5.95E-12	4.02E-04	6.52E-06	9.80E-04	1.31E-03	5.14E-06	1.35E-03	7.08E-03	0.00E+00	2.02E-11	8.22E-12	2.43E-06	3.95E-08	5.41E-04	0.00E+00	7.08E-03	9.83E-12	7.08E-03	7.62E-03	5.41E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-04
FZ709EXT	2.99E-05	1.35E-02	2.44E-03	1.11E-02	0.00E+00	0.00E+00	1.53E-01	1.48E-07	1.41E-05	8.83E-05	0.00E+00	2.59E-04	1.17E-09	3.43E-11	1.65E-03	2.82E-05	9.93E-04	1.24E-06	1.93E-05	4.58E-03	1.02E-01	0.00E+00	1.37E-10	1.75E-10	2.06E-05	5.37E-07	1.36E-02	0.00E+00	1.02E-01	2.53E-10	1.02E-01	1.16E-01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	8.30E-04
FZ709XE RAL7035	9.51E-09	4.03E-11	4.55E-11	5.18E-12	0.00E+00	0.00E+00	3.07E-10	1.00E-15	1.90E-14	3.60E-13	0.00E+00	1.35E-12	0.00E+00	0.00E+00	8.43E-12	1.52E-13	2.13E-11	0.00E+00	4.20E-14	2.87E-11	5.07E-10	0.00E+00	0.00E+00	0.00E+00	6.20E-14	3.00E-15	7.19E-11	0.00E+00	5.07E-10	0.00E+00	5.07E-10	5.78E-10	7.19E-11	0.00E+00	0.00E+00	0.00E+00	1.82E-12
FZ751XE	5.47E-09	6.65E-11	6.83E-11	7.78E-12	0.00E+00	0.00E+00	4.61E-10	1.00E-15	2.90E-14	5.41E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.31E-11	7.81E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.81E-10	0.00E+00	7.81E-10	8.68E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
FZ752XE	5.36E-09	6.66E-11	6.83E-11	7.79E-12	0.00E+00	0.00E+00	4.61E-10	1.00E-15	2.90E-14	5.41E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.31E-11	7.81E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.81E-10	0.00E+00	7.81E-10	8.69E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
FZ753XE	5.73E-09	6.04E-11	6.81E-11	7.76E-12	0.00E+00	0.00E+00	4.60E-10	1.00E-15	2.90E-14	5.39E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.30E-14	4.30E-11	7.59E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.59E-10	0.00E+00	7.59E-10	8.66E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-12
FZ754XE	5.15E-09	6.06E-11	6.84E-11	7.80E-12	0.00E+00	0.00E+00	4.62E-10

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M-BBB30100	9.02E-08	1.75E-10	1.97E-10	2.25E-11	0.00E+00	0.00E+00	1.33E-09	3.00E-15	6.50E-14	1.56E-12	0.00E+00	5.87E-12	0.00E+00	0.00E+00	3.66E-11	6.58E-13	9.24E-11	0.00E+00	1.84E-13	1.25E-10	2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.70E-13	1.20E-14	3.12E-10	0.00E+00	2.20E-09	0.00E+00	2.20E-09	2.51E-09	3.12E-10	0.00E+00	0.00E+00	0.00E+00	7.89E-12
M-BBB30300	5.62E-08	1.40E-10	1.58E-10	1.79E-11	0.00E+00	0.00E+00	1.06E-09	3.00E-15	6.80E-14	1.25E-12	0.00E+00	4.68E-12	0.00E+00	0.00E+00	2.92E-11	5.25E-13	7.37E-11	0.00E+00	1.47E-13	9.94E-11	1.75E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-13	9.00E-15	2.49E-10	0.00E+00	1.75E-09	0.00E+00	1.75E-09	2.00E-09	2.49E-10	0.00E+00	0.00E+00	0.00E+00	6.30E-12
M-BBB30400	5.77E-08	1.39E-10	1.57E-10	1.79E-11	0.00E+00	0.00E+00	1.06E-09	3.00E-15	6.70E-14	1.24E-12	0.00E+00	4.66E-12	0.00E+00	0.00E+00	2.90E-11	5.22E-13	7.34E-11	0.00E+00	1.46E-13	9.90E-11	1.75E-09	0.00E+00	0.00E+00	0.00E+00	2.14E-13	9.00E-15	2.48E-10	0.00E+00	1.75E-09	0.00E+00	1.75E-09	1.99E-09	2.48E-10	0.00E+00	0.00E+00	0.00E+00	6.27E-12
M-BBB30500	5.84E-08	1.39E-10	1.56E-10	1.78E-11	0.00E+00	0.00E+00	1.06E-09	3.00E-15	6.70E-14	1.24E-12	0.00E+00	4.65E-12	0.00E+00	0.00E+00	2.90E-11	5.21E-13	7.32E-11	0.00E+00	1.46E-13	9.88E-11	1.74E-09	0.00E+00	0.00E+00	0.00E+00	2.14E-13	9.00E-15	2.47E-10	0.00E+00	1.74E-09	0.00E+00	1.74E-09	1.99E-09	2.47E-10	0.00E+00	0.00E+00	0.00E+00	6.25E-12
M-BBB30600	5.75E-08	1.39E-10	1.57E-10	1.79E-11	0.00E+00	0.00E+00	1.06E-09	3.00E-15	6.70E-14	1.24E-12	0.00E+00	4.68E-12	0.00E+00	0.00E+00	2.91E-11	5.23E-13	7.34E-11	0.00E+00	1.46E-13	9.90E-11	1.75E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-13	9.00E-15	2.48E-10	0.00E+00	1.75E-09	0.00E+00	1.75E-09	2.00E-09	2.48E-10	0.00E+00	0.00E+00	0.00E+00	6.27E-12
M-BBB30800	7.88E-08	1.63E-10	1.84E-10	2.10E-11	0.00E+00	0.00E+00	1.24E-09	3.00E-15	7.90E-14	1.46E-12	0.00E+00	5.47E-12	0.00E+00	0.00E+00	3.41E-11	6.14E-13	8.62E-11	0.00E+00	1.72E-13	1.16E-10	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-13	1.10E-14	2.91E-10	0.00E+00	2.05E-09	0.00E+00	2.05E-09	2.34E-09	2.91E-10	0.00E+00	0.00E+00	0.00E+00	7.36E-12
M-BBB30900	8.03E-08	1.63E-10	1.83E-10	2.09E-11	0.00E+00	0.00E+00	1.24E-09	3.00E-15	7.90E-14	1.45E-12	0.00E+00	5.45E-12	0.00E+00	0.00E+00	3.40E-11	6.11E-13	8.58E-11	0.00E+00	1.71E-13	1.16E-10	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.51E-13	1.10E-14	2.90E-10	0.00E+00	2.04E-09	0.00E+00	2.04E-09	2.33E-09	2.90E-10	0.00E+00	0.00E+00	0.00E+00	7.33E-12
M-BBB31000	5.62E-08	1.40E-10	1.58E-10	1.80E-11	0.00E+00	0.00E+00	1.06E-09	3.00E-15	6.80E-14	1.25E-12	0.00E+00	4.69E-12	0.00E+00	0.00E+00	2.92E-11	5.26E-13	7.38E-11	0.00E+00	1.47E-13	9.96E-11	1.76E-09	0.00E+00	0.00E+00	0.00E+00	2.16E-13	9.00E-15	2.49E-10	0.00E+00	1.76E-09	0.00E+00	1.76E-09	2.01E-09	2.49E-10	0.00E+00	0.00E+00	0.00E+00	6.31E-12
M-BBB31200	5.77E-08	1.39E-10	1.57E-10	1.79E-11	0.00E+00	0.00E+00	1.06E-09	3.00E-15	6.70E-14	1.24E-12	0.00E+00	4.67E-12	0.00E+00	0.00E+00	2.91E-11	5.23E-13	7.35E-11	0.00E+00	1.46E-13	9.91E-11	1.75E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-13	9.00E-15	2.48E-10	0.00E+00	1.75E-09	0.00E+00	1.75E-09	2.00E-09	2.48E-10	0.00E+00	0.00E+00	0.00E+00	6.28E-12
M-BBB31500	5.74E-08	1.39E-10	1.57E-10	1.79E-11	0.00E+00	0.00E+00	1.06E-09	3.00E-15	6.70E-14	1.24E-12	0.00E+00	4.67E-12	0.00E+00	0.00E+00	2.91E-11	5.24E-13	7.35E-11	0.00E+00	1.46E-13	9.92E-11	1.75E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-13	9.00E-15	2.48E-10	0.00E+00	1.75E-09	0.00E+00	1.75E-09	2.00E-09	2.48E-10	0.00E+00	0.00E+00	0.00E+00	6.28E-12
M-BBB31800	5.75E-08	1.39E-10	1.57E-10	1.79E-11	0.00E+00	0.00E+00	1.06E-09	3.00E-15	6.70E-14	1.24E-12	0.00E+00	4.67E-12	0.00E+00	0.00E+00	2.91E-11	5.24E-13	7.35E-11	0.00E+00	1.46E-13	9.92E-11	1.75E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-13	9.00E-15	2.48E-10	0.00E+00	1.75E-09	0.00E+00	1.75E-09	2.00E-09	2.48E-10	0.00E+00	0.00E+00	0.00E+00	6.28E-12
M-BBB32100	7.90E-08	1.63E-10	1.84E-10	2.10E-11	0.00E+00	0.00E+00	1.24E-09	3.00E-15	7.90E-14	1.46E-12	0.00E+00	5.48E-12	0.00E+00	0.00E+00	3.41E-11	6.14E-13	8.63E-11	0.00E+00	1.72E-13	1.16E-10	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-13	1.10E-14	2.91E-10	0.00E+00	2.05E-09	0.00E+00	2.05E-09	2.34E-09	2.91E-10	0.00E+00	0.00E+00	0.00E+00	7.37E-12
M-BBB40100	9.06E-08	1.75E-10	1.98E-10	2.25E-11	0.00E+00	0.00E+00	1.33E-09	3.00E-15	8.50E-14	1.56E-12	0.00E+00	5.87E-12	0.00E+00	0.00E+00	3.66E-11	6.59E-13	9.25E-11	0.00E+00	1.84E-13	1.25E-10	2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.70E-13	1.20E-14	3.12E-10	0.00E+00	2.20E-09	0.00E+00	2.20E-09	2.51E-09	3.12E-10	0.00E+00	0.00E+00	0.00E+00	7.90E-12
M-BBB40300	5.61E-08	1.40E-10	1.58E-10	1.80E-11	0.00E+00	0.00E+00	1.07E-09	3.00E-15	6.80E-14	1.25E-12	0.00E+00	4.70E-12	0.00E+00	0.00E+00	2.93E-11	5.27E-13	7.40E-11	0.00E+00	1.47E-13	9.98E-11	1.76E-09	0.00E+00	0.00E+00	0.00E+00	2.16E-13	9.00E-15	2.50E-10	0.00E+00	1.76E-09	0.00E+00	1.76E-09	2.01E-09	2.50E-10	0.00E+00	0.00E+00	0.00E+00	6.32E-12
M-BBB40400	5.77E-08	1.39E-10	1.57E-10	1.79E-11	0.00E+00	0.00E+00	1.06E-09	3.00E-15	6.70E-14	1.24E-12	0.00E+00	4.67E-12	0.00E+00	0.00E+00	2.91E-11	5.24E-13	7.36E-11	0.00E+00	1.46E-13	9.92E-11	1.75E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-13	9.00E-15	2.48E-10	0.00E+00	1.75E-09	0.00E+00	1.75E-09	2.00E-09	2.48E-10	0.00E+00	0.00E+00	0.00E+00	6.28E-12
M-BBB40500	5.83E-08	1.39E-10	1.57E-10	1.79E-11	0.00E+00	0.00E+00	1.06E-09	3.00E-15	6.70E-14	1.24E-12	0.00E+00	4.68E-12	0.00E+00	0.00E+00	2.91E-11	5.23E-13	7.34E-11	0.00E+00	1.46E-13	9.90E-11	1.75E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-13	9.00E-15	2.48E-10	0.00E+00	1.75E-09	0.00E+00	1.75E-09	2.00E-09	2.48E-10	0.00E+00	0.00E+00	0.00E+00	6.27E-12
M-BBB40600	5.75E-08	1.39E-10	1.57E-10	1.79E-11	0.00E+00	0.00E+00	1.06E-09	3.00E-15	6.80E-14	1.25E-12	0.00E+00	4.68E-12	0.00E+00	0.00E+00	2.92E-11	5.24E-13	7.36E-11	0.00E+00	1.47E-13	9.93E-11	1.75E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-13	9.00E-15	2.49E-10	0.00E+00	1.75E-09	0.00E+00	1.75E-09	2.00E-09	2.49E-10	0.00E+00	0.00E+00	0.00E+00	6.29E-12
M-BBB40800	7.93E-08	1.63E-10	1.84E-10	2.10E-11	0.00E+00	0.00E+00	1.24E-09	3.00E-15	7.90E-14	1.46E-12	0.00E+00	5.48E-12	0.00E+00	0.00E+00	3.42E-11	6.15E-13	8.63E-11	0.00E+00	1.72E-13	1.16E-10	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-13	1.10E-14	2.91E-10	0.00E+00	2.05E-09	0.00E+00	2.05E-09	2.35E-09	2.91E-10	0.00E+00	0.00E+00	0.00E+00	7.37E-12
M-BBB41000	8.08E-08	1.63E-10	1.84E-10	2.09E-11	0.00E+00	0.00E+00	1.24E-09	3.00E-15	7.90E-14	1.45E-12	0.00E+00	5.46E-12	0.00E+00	0.00E+00	3.40E-11	6.12E-13	8.60E-11	0.00E+00	1.71E-13	1.16E-10	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.51E-13	1.10E-14	2.90E-10	0.00E+00	2.05E-09	0.00E+00	2.05E-09	2.34E-09	2.90E-10	0.00E+00	0.00E+00	0.00E+00	7.34E-12
M-BBB41200	8.99E-08	1.93E-10	2.18E-10	2.48E-11	0.00E+00	0.00E+00	1.47E-09	4.00E-15	9.30E-14	1.72E-12	0.00E+00	6.47E-12	0.00E+00	0.00E+00	4.03E-11	7.25E-13	1.02E-10	0.00E+00	2.03E-13	1.37E-10	2.42E-09	0.00E+00	0.00E+00	0.00E+00	2.98E-13	1.30E-14	3.44E-10	0.00E+00	2.42E-09	0.00E+00	2.42E-09	2.77E-09	3.44E-10	0.00E+00	0.00E+00	0.00E+00	8.70E-12
M-BBB41500	9.16E-08	1.92E-10	2.17E-10	2.47E-11	0.00E+00	0.00E+00	1.46E-09	4.00E-15	9.30E-14	1.72E-12	0.00E+00	6.44E-12	0.00E+00	0.00E+00	4.02E-11	7.22E-13	1.01E-10	0.00E+00	2.02E-13	1.37E-10	2.41E-09	0.00E+00	0.00E+00	0.00E+00	2.97E-13	1.30E-14	3.43E-10	0.00E+00	2.41E-09	0.00E+00	2.41E-09	2.76E-09	3.43E-10	0.00E+00	0.00E+00	0.00E+00	8.67E-12
M-BBB41800	9.24E-08	1.92E-10	2.16E-10	2.47E-11	0.00E+00	0.00E+00	1.46E-09	4.00E-15	9.30E-14	1.71E-12	0.00E+00	6.43E-12	0.00E+00	0.00E+00	4.01E-11	7.21E-13	1.01E-10	0.00E+00	2.02E-13	1.37E-10	2.41E-09	0.00E+00	0.00E+00	0.00E+00	2.96E-13	1.30E-14	3.42E-10	0.00E+00	2.41E-09	0.00E+00	2.41E-09	2.75E-09	3.42E-10	0.00E+00	0.00E+00	0.00E+00	8.65E-12
M-BBB42100	9.18E-08	1.92E-10	2.17E-10	2.47E-11	0.00E+00	0.00E+00	1.46E-09	4.00E-15	9.30E-14	1.72E-12	0.00E+00	6.45E-12	0.00E+00	0.00E+00	4.02E-11	7.23E-13	1.01E-10	0.00E+00	2.02E-13	1.37E-10	2.42E-09	0.00E+00	0.00E+00	0.00E+00	2.97E-13	1.30E-14	3.43E-10	0.00E+00	2.42E-09	0.00E+00	2.42E-09	2.76E-09	3.43E-10	0.00E+00	0.00E+00	0.00E+00	8.67E-12
M-BBB42400	1.13E-07	2.16E-10	2.44E-10	2.78E-11	0.00E+00	0.00E+00	1.65E-09	4.00E-15	1.05E-13	1.93E-12	0.00E+00	7.25E-12	0.00E+00	0.00E+00	4.52E-11	8.13E-13	1.14E-10	0.00E+00	2.27E-13	1.54E-10	2.72E-09	0.00E+00	0.00E+00	0.00E+00	3.34E-13	1.50E-14	3.85E-10	0.00E+00	2.72E-09	0.00E+00	2.72E-09	3.10E-09	3.85E-10	0.00E+00	0.00E+00	0.00E+00	9.75E-12
M-BBB60100	1.35E-07	2.40E-10	2.71E-10	3.09E-11	0.00E+00	0.00E+00	1.83E-09	5.00E-15	1.16E-13	2.15E-12	0.00E+00	8.06E-12	0.00E+00	0.00E+00	5.03E-11	9.04E-13	1.27E-10	0.00E+00	2.53E-13	1.71E-10	3.02E-09	0.00E+00	0.00E+00	0.00E+00	3.71E-13	1.66E-14	4.29E-10	0.00E+00	3.02E-09	0.00E+00	3.02E-09	3.45E-09	4.29E-10	0.00E+00	0.00E+00	0.00E+00	1.08E-11
M-BBB6030	1.07E-07	2.19E-10	2.47E-10	2.82E-11	0.00E+00	0.00E+00	1.67E-09	4.00E-15	1.06E-13	1.96E-12	0.00E+00	7.35E-12	0.00E+00	0.00E+00	4.58E-11	8.24E-13	1.16E-10	0.00E+00	2.30E-13	1.56E-10	2.75E-09	0.00E+00	0.00E+00	0.00E+00	3.38E-13	1.50E-14	3.91E-10	0.00E+00	2.75E-09	0.00E+00	2.75E-09	3.14E-09	3.91E-10	0.00E+00	0.00E+00	0.00E+00	9.88E-12
M-BBB6040	1.09E-07	2.18E-10	2.46E-10	2.81E-11	0.00E+00	0.00E+00	1.66E-09	4.00E-15	1.05E-13	1.95E-12	0.00E+00	7.32E-12	0.00E+00	0.00E+00	4.56E-11	8.20E-13	1.15E-10	0.00E+00	2.29E-13	1.55E-10	2.74E-09	0.00E+00	0.00E+00	0.00E+00	3.37E-13	1.50E-14	3.89E-10	0.00E+00	2.74E-09	0.00E+00	2.74E-09	3.13E-09	3.89E-10	0.00E+00	0.00E+00	0.00E+00	9.84E-12
M-BBB6050	1.10E-07	2.18E-10	2.46E-10	2.80E-11	0.00E+00	0.00E+00	1.66E-09	4.00E-15	1.05E-13	1.95E-12	0.00E+00	7.31E-12	0.00E+00	0.00E+00	4.55E-11	8.19E-13	1.15E-10	0.00E+00	2.29E-13	1.55E-10	2.74E-09	0.00E+00	0.00E+00	0.00E+00	3.36E-13	1.50E-14	3.89E-10	0.00E+00	2.74E-09	0.00E+00	2.74E-09	3.13E-09	3.89E-10	0.00E+00	0.00E+00	0.00E+00	9.83E-12
M-BBB6060	1.09E-07	2.18E-10	2.46E-10	2.81E-11	0.00E+00	0.00E+00	1.66E-09	4.00E-15	1.06E-13	1.95E-12	0.00E+00	7.32E-12	0.00E+00	0.00E+00	4.56E-11	8.21E-13	1.15E-10	0.00E+00	2.29E-13	1.55E-10	2.74E-09	0.00E+00	0.00E+00	0.00E+00	3.37E-13	1.50E-14	3.89E-10	0.00E+00	2.74E-09	0.00E+00	2.74E-09	3.13E-09	3.89E-10	0.00E+00	0.00E+00	0.00E+00	9.84E-12
M-BBB6080	1.31E-07	2.42E-10	2.73E-10	3.11E-11	0.00E+00	0.00E+00	1.84E-09	5.00E-15	1.17E-13	2.16E-12	0.00E+00	8.12E-12	0.00E+00	0.00E+00	5.08E-11	9.10E-13	1.28E-10	0.00E+00	2.54E-13	1.72E-10	3.04E-09	0.00E+00	0.00E+00	0.00E+00	3.74E-13	1.68E-14	4.32E-10	0.00E+00	3.04E-09	0.00E+00	3.04E-09	3.47E-09	4.32E-10	0.00E+00	0.00E+00	0.00E+00	1.09E-11
M-BBB6090	1.33E-07	2.41E-10	2.72E-10	3.10E-11	0.00E+00	0.00E+00	1.84E-09	5.00E-15	1.17E-13	2.15E-12	0.00E+00	8.09E-12	0.00E+00	0.00E+00	5.04E-11	9.07E-13	1.27E-10	0.00E+00	2.53E-13	1.72E-10	3.03E-09	0.00E+00	0.00E+00	0.00E+00	3.72E-13	1.66E-14	4.30E-10	0.00E+00	3.03E-09	0.00E+00	3.03E-09	3.46E-09	4.30E-10	0.00E+00	0.00E+00	0.00E+00	1.09E-11
M-BBB7030	1.06E-07	2.21E-10	2.49E-10	2.84E-11	0.00E+00	0.00E+00	1.68E-09	4.00E-15	1.07E-13	1.97E-12	0.00E+00	7.40E-12	0.00E+00	0.00E+00	4.61E-11	8.30E-13	1.16E-10	0.00E+00	2.32E-13	1.57E-10	2.77E-09	0.00E+00	0.00E+00	0.00E+00	3.40E-13	1.50E-14	3.93E-10	0.00E+00	2.77E-09	0.00E+00	2.77E-09	3.17E-09	3.93E-10	0.00E+00	0.00E+00	0.00E+00	9.95E-12
M-BBB7040	1.08E-07	2.20E-10	2.48E-10	2.82E-11	0.00E+00	0.00E+00	1.67E-09	4.00E-15	1.06E-13	1.96E-12	0.00E+00	7.37E-12	0.00E+00	0.00E+00	4.59E-11	8.26E-13	1.16E-10	0.00E+00	2.31E-13	1.56E-10	2.76E-09	0.00E+00	0.00E+00	0.00E+00	3.39E-13	1.50E-14	3.92E-10	0.00E+00	2.76E-09	0.00E+00	2.76E-09	3.15E-09	3.92E-10	0.00E+00	0.00E+00	0.00E+00	9.91E-12
M-BBB7050	1.09E-07	2.19E-10	2.48E-10	2.82E-11	0.00E+00	0.00E+00	1.67E-09	4.00E-15	1.06E-13	1.96E-12	0.00E+00	7.36E-12	0.00E+00	0.00E+00	4.58E-11	8.25E-13	1.16E-10	0.00E+00	2.31E-13	1.56E-10	2.76E-09	0.00E+00	0.00E+00	0.00E+00	3.39E-13	1.50E-14	3.91E-10	0.00E+00	2.76E-09	0.00E+00	2.76E-09	3.15E-09	3.91E-10	0.00E+00	0.00E+00	0.00E+00	9.89E-12
M-BBB7060	1.08E-07	2.20E-10	2.48E-10	2.83E-11	0.00E+00	0.00E+00	1.67E-09	4.00E-15	1.06E-13	1.96E-12	0.00E+00	7.37E-12	0.00E+00	0.00E+00	4.59E-11	8.26E-13	1.16E-10	0.00E+00	2.31E-13	1.57E-10	2.76E-09	0.00E+00	0.00E+00	0.00E+00	3.39E-13	1.50E-14	3.92E-10	0.00E+00	2.76E-09	0.00E+00	2.76E-09	3.15E-09	3.92E-10	0.00E+00	0.00E+00	0.00E+00	9.91E-12
M-BBB7080	1.31E-07	2.43E-10	2.75E-10	3.13E-11	0.00E+00	0.00E+00	1.85E-09	5.00E-15	1.18E-13	2.17E-12	0.00E+00	8.16E-12	0.00E+00	0.00E+00	5.09E-11	9.15E-13	1.29E-10	0.00E+00	2.56E-13	1.73E-10	3.06E-09	0.00E+00	0.00E+00	0.00E+00	3.76E-13	1.69E-14	4.34E-10	0.00E+00	3.06E-09	0.00E+00	3.06E-09	3.49E-09	4.34E-10	0.00E+00	0.00E+00	0.00E+00	1.10E-11
M-BBB80100	1.36E-07	2.41E-10	2.72E-10	3.10E-11	0.00E+00	0.00E+00	1.84E-09	5.00E-15	1.17E-13	2.15E-12	0.00E+00	8.09E-12	0.00E+00	0.00E+00	5.04E-11	9.07E-13	1.27E-10	0.00E+00	2.54E-13	1.72E-10	3.03E-09	0.00E+00	0.00E+00	0.00E+00	3.72E-13	1.66E-14	4.30E-10	0.00E+00	3.03E-09	0.00E+00	3.03E-09	3.46E-09	4.30E-10	0.00E+00	0.00E+00	0.00E+00	1.09E-11
M-BBB8030	1.06E-07	2.21E-10	2.49E-10	2.84E-11	0.00E+00	0.00E+00	1.68E-09	4.00E-15	1.07E-13	1.97E-12	0.00E+00	7.40E-12	0.00E+00	0.00E+00	4.61E-11	8.29E-13	1.16E-10	0.00E+00	2.32E-13	1.57E-10	2.77E-09	0.00E+00	0.00E+00	0.00E+00	3.40E-13	1.50E-14	3.93E-10	0.00E+00	2.77E-09	0.00E+00	2.77E-09	3.16E-09	3.93E-10	0.00E+00	0.00E+00	0.00E+00	9.95E-12
M-BBB8040	1.08E-07	2.20E-10	2.48E-10	2.82E-11	0.00E+00	0.00E+00	1.67E-09	4.00E-15	1.06E-13	1.96E-12	0.00E+00	7.37E-12	0.00E+00	0.00E+00	4.59E-11	8.26E-13	1.16E-10	0.00E+00	2.31E-13	1.56E-10	2.76E-09	0.00E+00	0.00E+00	0.00E+00	3.39E-13	1.50E-14	3.92E-10	0.00E+00	2.76E-09	0.00E+00	2.76E-09	3.15E-09	3.92E-10	0.00E+00	0.00E+00	0.00E+00	9.90E-12
M-BBB8050	1.10E-07	2.19E-10	2.47E-10	2.82E-11	0.00E+00	0.00E+00	1.67E-09	4.00E-15	1.06E-13	1.96E-12	0.00E+00	7.35E-12	0.00E+00	0.00E+00	4.58E-11	8.24E-13	1.16E-10	0.00E+00	2.30E-13	1.56E-10	2.76E-09	0.00E+00	0.00E+00	0.00E+00	3.38E-13	1.50E-14	3.91E-10	0.00E+00	2.76E-09	0.00E+00	2.76E-09	3.15E-09	3.91E-10	0.00E+00	0.00E+00	0.00E+00	9.89E-12
M-BBB8060	1.09E-07	2.20E-10	2.48E-10	2.82E-11	0.00E+00	0.00E+00	1.67E-09	4.00E-15	1.06E-13	1.96E-12	0.00E+00	7.37E-12	0.00E+00	0.00E+00	4.59E-11	8.26E-13	1.16E-10	0.00E+00	2.31E-13	1.56E-10	2.76E-09	0.00E+00	0.00E+00	0.00E+00	3.39E-13	1.50E-14	3.92E-10	0.00E+00	2.76E-09	0.00E+00	2.76E-09	3.15E-09	3.92E-10	0.00E+00	0.00E+00	0.00E+00	9.91E-12
M-BBB8080	1.31E-07	2.43E-10	2.74E-10	3.13E-11	0.00E+00	0.00E+00	1.85E-09	5.00E-15	1.18E-13	2.17E-12	0.00E+00	8.16E-12	0.00E+00	0.00E+00	5.08E-11	9.14E-13	1.28E-10	0.00E+00	2.56E-13	1.73E-10	3.05E-09	0.00E+00	0.00E+00	0.00E+00	3.75E-13	1.69E-14	4.34E-10	0.00E+00	3.05E-09	0.00E+00	3.05E-09	3.49E-09	4.34E-10	0.00E+00	0.00E+00	0.00E+00	1.10E-11
M-BBB8090	1.34E-07	2.42E-10	2.73E-10	3.11E-11	0.00E+00	0.00E+00	1.84E-09	5.00E-15	1.17E-13	2.16E-12	0.00E+00	8.12E-12	0.00E+00	0.00E+00	5.06E-11	9.10E-13	1.28E-10	0.00E+00	2.54E-13	1.72E-10	3.04E-09	0.00E+00	0.00E+00	0.00E+00	3.74E-13	1.68E-14	4.32E-10	0.00E+00	3.04E-09	0.00E+00	3.04E-09	3.47E-09	4.32E-10	0.00E+00	0.00E+00	0.00E+00	1.09E-11
M-BBB8530	1.08E-07	2.20E-10	2.49E-10	2.84E-11	0.00E+00	0.00E+00	1.68E-09	4.00E-15	1.07E-13	1.97E-12	0.00E+00	7.40E-12	0.00E+00	0.00E+00	4.61E-11	8.29E-13	1.16E-10	0.00E+00	2.32E-13	1.57E-10	2.77E-09	0.00E+00	0.00E+00	0.00E+00	3.40E-13	1.50E-14	3.93E-10	0.00E+00	2.77E-09	0.00E+00	2.77E-09	3.16E-09	3.93E-10	0.00E+00	0.00E+00	0.00E+00	9.95E-12
M-BBB8540	1.09E-07	2.19E-10	2.48E-10	2.82E-11	0.00E+00	0.00E+00	1.67E-09	4.00E-15	1.06E-13	1.96E-12	0.00E+00	7.36E-12	0.00E+00	0.00E+00	4.59E-11	8.25E-13	1.16E-10	0.00E+00	2.31E-13	1.56E-10	2.76E-09	0.00E+00	0.00E+00	0.00E+00	3.39E-13	1.50E-14	3.91E-10	0.00E+00	2.76E-09	0.00E+00	2.76E-09	3.15E-09	3.91E-10	0.00E+00	0.00E+00	0.00E+00	9.90E-12
M-BBB8550	1.11E-07	2.17E-10	2.45E-10	2.79E-11	0.00E+00	0.00E+00	1.65E-09	4.00E-15	1.05E-13	1.94E-12	0.00E+00	7.28E-12	0.00E+00	0.00E+00	4.54E-11	8.17E-13	1.15E-10	0.00E+00	2.28E-13	1.55E-10	2.73E-09	0.00E+00	0.00E+00	0.00E+00	3.35E-13	1.50E-14	3.87E-10	0.00E+00	2.73E-09	0.00E+00	2.73E-09	3.12E-09	3.87E-10	0.00E+00	0.00E+00	0.00E+00	9.80E-12
M-BBB8560	1.09E-07	2.20E-10	2.48E-10	2.82E-11

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M-DBL3560	6.39E-09	6.01E-11	6.78E-11	7.73E-12	0.00E+00	0.00E+00	4.58E-10	1.00E-15	2.90E-14	5.37E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.29E-13	3.18E-11	0.00E+00	6.30E-14	4.28E-11	7.56E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.56E-10	0.00E+00	7.56E-10	8.63E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-12
M-DBL3580	6.38E-09	6.01E-11	6.79E-11	7.73E-12	0.00E+00	0.00E+00	4.58E-10	1.00E-15	2.90E-14	5.37E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.29E-13	3.18E-11	0.00E+00	6.30E-14	4.28E-11	7.56E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.56E-10	0.00E+00	7.56E-10	8.63E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-12
M-DBL40100	5.46E-09	6.06E-11	6.84E-11	7.79E-12	0.00E+00	0.00E+00	4.62E-10	1.00E-15	2.90E-14	5.41E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.32E-11	7.62E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.62E-10	0.00E+00	7.62E-10	8.70E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
M-DBL4030	6.57E-09	6.00E-11	6.77E-11	7.72E-12	0.00E+00	0.00E+00	4.57E-10	1.00E-15	2.90E-14	5.36E-13	0.00E+00	2.01E-12	0.00E+00	0.00E+00	1.26E-11	2.29E-13	3.17E-11	0.00E+00	6.30E-14	4.28E-11	7.54E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.54E-10	0.00E+00	7.54E-10	8.61E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-12
M-DBL4040	6.56E-09	6.00E-11	6.78E-11	7.72E-12	0.00E+00	0.00E+00	4.57E-10	1.00E-15	2.90E-14	5.36E-13	0.00E+00	2.01E-12	0.00E+00	0.00E+00	1.26E-11	2.29E-13	3.17E-11	0.00E+00	6.30E-14	4.28E-11	7.55E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.55E-10	0.00E+00	7.55E-10	8.62E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-12
M-DBL4050	6.54E-09	6.01E-11	6.78E-11	7.72E-12	0.00E+00	0.00E+00	4.57E-10	1.00E-15	2.90E-14	5.37E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.29E-13	3.17E-11	0.00E+00	6.30E-14	4.28E-11	7.55E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.55E-10	0.00E+00	7.55E-10	8.62E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-12
M-DBL4060	5.54E-09	6.05E-11	6.83E-11	7.78E-12	0.00E+00	0.00E+00	4.61E-10	1.00E-15	2.90E-14	5.41E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.31E-11	7.61E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.61E-10	0.00E+00	7.61E-10	8.69E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
M-DBL4080	5.50E-09	6.06E-11	6.84E-11	7.79E-12	0.00E+00	0.00E+00	4.61E-10	1.00E-15	2.90E-14	5.41E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.31E-11	7.61E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.61E-10	0.00E+00	7.61E-10	8.69E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
M-DBL4090	5.38E-09	6.06E-11	6.84E-11	7.80E-12	0.00E+00	0.00E+00	4.62E-10	1.00E-15	2.90E-14	5.42E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.32E-11	7.62E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.62E-10	0.00E+00	7.62E-10	8.70E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
M-DBL4560	5.53E-09	6.05E-11	6.83E-11	7.78E-12	0.00E+00	0.00E+00	4.61E-10	1.00E-15	2.90E-14	5.41E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.31E-11	7.61E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.61E-10	0.00E+00	7.61E-10	8.69E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
M-DBL4580	5.49E-09	6.06E-11	6.84E-11	7.79E-12	0.00E+00	0.00E+00	4.61E-10	1.00E-15	2.90E-14	5.41E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.32E-11	7.61E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.61E-10	0.00E+00	7.61E-10	8.69E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
M-DBL5030	6.52E-09	6.01E-11	6.78E-11	7.72E-12	0.00E+00	0.00E+00	4.57E-10	1.00E-15	2.90E-14	5.36E-13	0.00E+00	2.01E-12	0.00E+00	0.00E+00	1.26E-11	2.29E-13	3.17E-11	0.00E+00	6.30E-14	4.28E-11	7.55E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.55E-10	0.00E+00	7.55E-10	8.62E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-12
M-DBL5040	6.51E-09	6.01E-11	6.78E-11	7.72E-12	0.00E+00	0.00E+00	4.57E-10	1.00E-15	2.90E-14	5.37E-13	0.00E+00	2.01E-12	0.00E+00	0.00E+00	1.26E-11	2.29E-13	3.17E-11	0.00E+00	6.30E-14	4.28E-11	7.55E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.55E-10	0.00E+00	7.55E-10	8.62E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-12
M-DBL5050	6.50E-09	6.01E-11	6.78E-11	7.72E-12	0.00E+00	0.00E+00	4.58E-10	1.00E-15	2.90E-14	5.37E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.29E-13	3.17E-11	0.00E+00	6.30E-14	4.28E-11	7.55E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.55E-10	0.00E+00	7.55E-10	8.62E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-12
M-DBL5060	5.37E-09	6.06E-11	6.84E-11	7.79E-12	0.00E+00	0.00E+00	4.62E-10	1.00E-15	2.90E-14	5.42E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.32E-11	7.62E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.62E-10	0.00E+00	7.62E-10	8.70E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
M-DBL5080	5.33E-09	6.06E-11	6.84E-11	7.80E-12	0.00E+00	0.00E+00	4.62E-10	1.00E-15	2.90E-14	5.42E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.32E-11	7.62E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.62E-10	0.00E+00	7.62E-10	8.70E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-12
M-DBL60100	5.21E-09	6.08E-11	6.86E-11	7.81E-12	0.00E+00	0.00E+00	4.63E-10	1.00E-15	2.90E-14	5.43E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.21E-11	0.00E+00	6.40E-14	4.33E-11	7.64E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.64E-10	0.00E+00	7.64E-10	8.72E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-12
M-DBL6030	6.54E-09	6.00E-11	6.78E-11	7.72E-12	0.00E+00	0.00E+00	4.57E-10	1.00E-15	2.90E-14	5.36E-13	0.00E+00	2.01E-12	0.00E+00	0.00E+00	1.26E-11	2.29E-13	3.17E-11	0.00E+00	6.30E-14	4.28E-11	7.55E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.55E-10	0.00E+00	7.55E-10	8.62E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-12
M-DBL6040	6.52E-09	6.01E-11	6.78E-11	7.72E-12	0.00E+00	0.00E+00	4.57E-10	1.00E-15	2.90E-14	5.37E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.29E-13	3.17E-11	0.00E+00	6.30E-14	4.28E-11	7.55E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.55E-10	0.00E+00	7.55E-10	8.62E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-12
M-DBL6050	6.49E-09	6.01E-11	6.78E-11	7.73E-12	0.00E+00	0.00E+00	4.58E-10	1.00E-15	2.90E-14	5.37E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.29E-13	3.17E-11	0.00E+00	6.30E-14	4.28E-11	7.55E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.55E-10	0.00E+00	7.55E-10	8.62E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-12
M-DBL6060	5.50E-09	6.06E-11	6.84E-11	7.79E-12	0.00E+00	0.00E+00	4.61E-10	1.00E-15	2.90E-14	5.41E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.32E-11	7.61E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.61E-10	0.00E+00	7.61E-10	8.69E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
M-DBL6080	5.44E-09	6.06E-11	6.84E-11	7.80E-12	0.00E+00	0.00E+00	4.62E-10	1.00E-15	2.90E-14	5.42E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.32E-11	7.62E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.62E-10	0.00E+00	7.62E-10	8.70E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
M-DBL6090	5.21E-09	6.07E-11	6.85E-11	7.81E-12	0.00E+00	0.00E+00	4.63E-10	1.00E-15	2.90E-14	5.43E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.21E-11	0.00E+00	6.40E-14	4.33E-11	7.63E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.63E-10	0.00E+00	7.63E-10	8.72E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-12
M-DBL7030	6.54E-09	6.01E-11	6.78E-11	7.72E-12	0.00E+00	0.00E+00	4.57E-10	1.00E-15	2.90E-14	5.36E-13	0.00E+00	2.01E-12	0.00E+00	0.00E+00	1.26E-11	2.29E-13	3.17E-11	0.00E+00	6.30E-14	4.28E-11	7.55E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.55E-10	0.00E+00	7.55E-10	8.62E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-12
M-DBL7040	6.50E-09	6.01E-11	6.78E-11	7.73E-12	0.00E+00	0.00E+00	4.58E-10	1.00E-15	2.90E-14	5.37E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.29E-13	3.17E-11	0.00E+00	6.30E-14	4.28E-11	7.55E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.55E-10	0.00E+00	7.55E-10	8.62E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-12
M-DBL7050	6.48E-09	6.01E-11	6.78E-11	7.73E-12	0.00E+00	0.00E+00	4.58E-10	1.00E-15	2.90E-14	5.37E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.29E-13	3.17E-11	0.00E+00	6.30E-14	4.28E-11	7.55E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.55E-10	0.00E+00	7.55E-10	8.63E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-12
M-DBL7060	5.47E-09	6.06E-11	6.84E-11	7.79E-12	0.00E+00	0.00E+00	4.62E-10	1.00E-15	2.90E-14	5.41E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.32E-11	7.62E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.62E-10	0.00E+00	7.62E-10	8.70E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
M-DBL7080	5.41E-09	6.07E-11	6.85E-11	7.80E-12	0.00E+00	0.00E+00	4.62E-10	1.00E-15	2.90E-14	5.42E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.32E-11	7.62E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.62E-10	0.00E+00	7.62E-10	8.70E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-12
M-DBL80100	5.73E-09	6.06E-11	6.83E-11	7.79E-12	0.00E+00	0.00E+00	4.61E-10	1.00E-15	2.90E-14	5.41E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.31E-11	7.61E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.61E-10	0.00E+00	7.61E-10	8.69E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
M-DBL8030	7.54E-09	5.96E-11	6.73E-11	7.68E-12	0.00E+00	0.00E+00	4.54E-10	1.00E-15	2.90E-14	5.32E-13	0.00E+00	2.00E-12	0.00E+00	0.00E+00	1.25E-11	2.24E-13	3.15E-11	0.00E+00	6.30E-14	4.24E-11	7.49E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.49E-10	0.00E+00	7.49E-10	8.55E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.69E-12
M-DBL8040	7.51E-09	5.96E-11	6.73E-11	7.67E-12	0.00E+00	0.00E+00	4.54E-10	1.00E-15	2.90E-14	5.33E-13	0.00E+00	2.00E-12	0.00E+00	0.00E+00	1.25E-11	2.24E-13	3.15E-11	0.00E+00	6.30E-14	4.25E-11	7.49E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.49E-10	0.00E+00	7.49E-10	8.56E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.69E-12
M-DBL8050	7.48E-09	5.97E-11	6.73E-11	7.67E-12	0.00E+00	0.00E+00	4.54E-10	1.00E-15	2.90E-14	5.33E-13	0.00E+00	2.00E-12	0.00E+00	0.00E+00	1.25E-11	2.24E-13	3.15E-11	0.00E+00	6.30E-14	4.25E-11	7.50E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.50E-10	0.00E+00	7.50E-10	8.56E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.69E-12
M-DBL8060	5.99E-09	6.04E-11	6.81E-11	7.76E-12	0.00E+00	0.00E+00	4.60E-10	1.00E-15	2.90E-14	5.39E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.30E-14	4.30E-11	7.59E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.59E-10	0.00E+00	7.59E-10	8.67E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-12
M-DBL8080	5.90E-09	6.04E-11	6.82E-11	7.77E-12	0.00E+00	0.00E+00	4.60E-10	1.00E-15	2.90E-14	5.40E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.30E-14	4.30E-11	7.60E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.60E-10	0.00E+00	7.60E-10	8.67E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
M-DBL8090	5.81E-09	6.05E-11	6.83E-11	7.78E-12	0.00E+00	0.00E+00	4.61E-10	1.00E-15	2.90E-14	5.40E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.31E-11	7.60E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.60E-10	0.00E+00	7.60E-10	8.68E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
M-DBL8530	7.54E-09	5.96E-11	6.73E-11	7.66E-12	0.00E+00	0.00E+00	4.54E-10	1.00E-15	2.90E-14	5.32E-13	0.00E+00	2.00E-12	0.00E+00	0.00E+00	1.25E-11	2.24E-13	3.15E-11	0.00E+00	6.30E-14	4.25E-11	7.49E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.49E-10	0.00E+00	7.49E-10	8.55E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.69E-12
M-DBL8540	7.51E-09	5.96E-11	6.73E-11	7.67E-12	0.00E+00	0.00E+00	4.54E-10	1.00E-15	2.90E-14	5.33E-13	0.00E+00	2.00E-12	0.00E+00	0.00E+00	1.25E-11	2.24E-13	3.15E-11	0.00E+00	6.30E-14	4.25E-11	7.49E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.49E-10	0.00E+00	7.49E-10	8.56E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.69E-12
M-DBL8550	7.47E-09	5.97E-11	6.73E-11	7.67E-12	0.00E+00	0.00E+00	4.54E-10	1.00E-15	2.90E-14	5.33E-13	0.00E+00	2.00E-12	0.00E+00	0.00E+00	1.25E-11	2.24E-13	3.15E-11	0.00E+00	6.30E-14	4.25E-11	7.50E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.50E-10	0.00E+00	7.50E-10	8.56E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.69E-12
M-DBL8560	5.99E-09	6.04E-11	6.82E-11	7.77E-12	0.00E+00	0.00E+00	4.60E-10	1.00E-15	2.90E-14	5.40E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.30E-14	4.30E-11	7.59E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.59E-10	0.00E+00	7.59E-10	8.67E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-12
M-DBL8580	5.88E-09	6.05E-11	6.82E-11	7.77E-12	0.00E+00	0.00E+00	4.60E-10	1.00E-15	2.90E-14	5.40E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.40E-14	4.31E-11	7.60E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.60E-10	0.00E+00	7.60E-10	8.68E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
M-DBL90100	5.66E-09	6.06E-11	6.84E-11	7.79E-12	0.00E+00	0.00E+00	4.62E-10	1.00E-15	2.90E-14	5.41E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.32E-11	7.62E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.62E-10	0.00E+00	7.62E-10	8.70E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
M-DBL9030	7.53E-09	5.96E-11	6.73E-11	7.66E-12	0.00E+00	0.00E+00	4.54E-10	1.00E-15	2.90E-14	5.32E-13	0.00E+00	2.00E-12	0.00E+00	0.00E+00	1.25E-11	2.24E-13	3.15E-11	0.00E+00	6.30E-14	4.25E-11	7.49E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.49E-10	0.00E+00	7.49E-10	8.55E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.69E-12
M-DBL9040	7.49E-09	5.96E-11	6.73E-11	7.67E-12	0.00E+00	0.00E+00	4.54E-10	1.00E-15	2.90E-14	5.33E-13	0.00E+00	2.00E-12	0.00E+00	0.00E+00	1.25E-11	2.24E-13	3.15E-11	0.00E+00	6.30E-14	4.25E-11	7.50E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.50E-10	0.00E+00	7.50E-10	8.56E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.69E-12
M-DBL9050	7.48E-09	5.97E-11	6.73E-11	7.67E-12	0.00E+00	0.00E+00	4.54E-10	1.00E-15	2.90E-14	5.33E-13	0.00E+00	2.00E-12	0.00E+00	0.00E+00	1.25E-11	2.24E-13	3.15E-11	0.00E+00	6.30E-14	4.25E-11	7.50E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.50E-10	0.00E+00	7.50E-10	8.56E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.69E-12
M-DBL9060	5.94E-09	6.04E-11	6.82E-11	7.77E-12	0.00E+00	0.00E+00	4.60E-10	1.00E-15	2.90E-14	5.40E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.30E-14	4.30E-11	7.59E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.59E-10	0.00E+00	7.59E-10	8.67E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-12
M-DBL9080	5.86E-09	6.05E-11	6.83E-11	7.78E-12	0.00E+00	0.00E+00	4.61E-10	1.00E-15	2.90E-14	5.40E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.40E-14	4.31E-11	7.60E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.60E-10	0.00E+00	7.60E-10	8.68E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
M-DBL9090	5.73E-09	6.06E-11	6.83E-11	7.79E-12

M-DBLA3030	5.72E-09	6.04E-11	6.82E-11	7.77E-12	0.00E+00	0.00E+00	4.60E-10	1.00E-15	2.90E-14	5.40E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.30E-14	4.30E-11	7.59E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.59E-10	0.00E+00	7.59E-10	8.67E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-12
M-DBLA3040	5.58E-09	6.05E-11	6.82E-11	7.77E-12	0.00E+00	0.00E+00	4.61E-10	1.00E-15	2.90E-14	5.40E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.40E-14	4.31E-11	7.60E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.60E-10	0.00E+00	7.60E-10	8.68E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
M-DBLA3050	5.43E-09	6.05E-11	6.83E-11	7.78E-12	0.00E+00	0.00E+00	4.61E-10	1.00E-15	2.90E-14	5.41E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.31E-11	7.61E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.61E-10	0.00E+00	7.61E-10	8.69E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
M-DBLA3060	5.93E-09	6.03E-11	6.81E-11	7.75E-12	0.00E+00	0.00E+00	4.59E-10	1.00E-15	2.90E-14	5.39E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.18E-11	0.00E+00	6.30E-14	4.30E-11	7.58E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.58E-10	0.00E+00	7.58E-10	8.65E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-12
M-DBLA3080	5.92E-09	6.03E-11	6.81E-11	7.76E-12	0.00E+00	0.00E+00	4.59E-10	1.00E-15	2.90E-14	5.39E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.30E-14	4.30E-11	7.58E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.58E-10	0.00E+00	7.58E-10	8.66E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-12
M-DBLA3090	5.88E-09	6.03E-11	6.81E-11	7.76E-12	0.00E+00	0.00E+00	4.60E-10	1.00E-15	2.90E-14	5.39E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.30E-14	4.30E-11	7.58E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.58E-10	0.00E+00	7.58E-10	8.66E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-12
M-DBLA3530	5.69E-09	6.04E-11	6.82E-11	7.77E-12	0.00E+00	0.00E+00	4.60E-10	1.00E-15	2.90E-14	5.40E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.30E-14	4.30E-11	7.59E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.59E-10	0.00E+00	7.59E-10	8.67E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
M-DBLA3540	5.47E-09	6.05E-11	6.83E-11	7.78E-12	0.00E+00	0.00E+00	4.61E-10	1.00E-15	2.90E-14	5.41E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.31E-11	7.61E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.61E-10	0.00E+00	7.61E-10	8.68E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
M-DBLA3550	5.54E-09	6.05E-11	6.83E-11	7.78E-12	0.00E+00	0.00E+00	4.61E-10	1.00E-15	2.90E-14	5.40E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.40E-14	4.31E-11	7.60E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.60E-10	0.00E+00	7.60E-10	8.68E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
M-DBLA3560	5.97E-09	6.03E-11	6.81E-11	7.75E-12	0.00E+00	0.00E+00	4.59E-10	1.00E-15	2.90E-14	5.39E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.18E-11	0.00E+00	6.30E-14	4.30E-11	7.58E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.58E-10	0.00E+00	7.58E-10	8.65E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-12
M-DBLA3580	5.95E-09	6.03E-11	6.81E-11	7.76E-12	0.00E+00	0.00E+00	4.59E-10	1.00E-15	2.90E-14	5.39E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.30E-14	4.30E-11	7.58E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.58E-10	0.00E+00	7.58E-10	8.66E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-12
M-DBLA40100	4.60E-09	6.10E-11	6.88E-11	7.84E-12	0.00E+00	0.00E+00	4.64E-10	1.00E-15	3.00E-14	5.45E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.29E-13	3.22E-11	0.00E+00	6.40E-14	4.34E-11	7.66E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.09E-10	0.00E+00	7.66E-10	0.00E+00	7.66E-10	8.75E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.75E-12
M-DBLA4030	6.15E-09	6.02E-11	6.79E-11	7.74E-12	0.00E+00	0.00E+00	4.58E-10	1.00E-15	2.90E-14	5.38E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.26E-13	3.18E-11	0.00E+00	6.30E-14	4.29E-11	7.57E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.57E-10	0.00E+00	7.57E-10	8.64E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-12
M-DBLA4040	5.72E-09	6.04E-11	6.82E-11	7.76E-12	0.00E+00	0.00E+00	4.60E-10	1.00E-15	2.90E-14	5.39E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.30E-14	4.30E-11	7.59E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.59E-10	0.00E+00	7.59E-10	8.67E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-12
M-DBLA4050	5.70E-09	6.04E-11	6.82E-11	7.77E-12	0.00E+00	0.00E+00	4.60E-10	1.00E-15	2.90E-14	5.40E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.30E-14	4.30E-11	7.59E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.59E-10	0.00E+00	7.59E-10	8.67E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-12
M-DBLA4060	4.71E-09	6.09E-11	6.87E-11	7.83E-12	0.00E+00	0.00E+00	4.64E-10	1.00E-15	3.00E-14	5.44E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.29E-13	3.22E-11	0.00E+00	6.40E-14	4.34E-11	7.65E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.09E-10	0.00E+00	7.65E-10	0.00E+00	7.65E-10	8.74E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.75E-12
M-DBLA4080	4.66E-09	6.09E-11	6.88E-11	7.83E-12	0.00E+00	0.00E+00	4.64E-10	1.00E-15	3.00E-14	5.44E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.29E-13	3.22E-11	0.00E+00	6.40E-14	4.34E-11	7.66E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.09E-10	0.00E+00	7.66E-10	0.00E+00	7.66E-10	8.74E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.75E-12
M-DBLA4090	4.52E-09	6.10E-11	6.88E-11	7.84E-12	0.00E+00	0.00E+00	4.64E-10	1.00E-15	3.00E-14	5.45E-13	0.00E+00	2.05E-12	0.00E+00	0.00E+00	1.28E-11	2.29E-13	3.22E-11	0.00E+00	6.40E-14	4.34E-11	7.66E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.09E-10	0.00E+00	7.66E-10	0.00E+00	7.66E-10	8.75E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.75E-12
M-DBLA4560	4.65E-09	6.09E-11	6.87E-11	7.83E-12	0.00E+00	0.00E+00	4.64E-10	1.00E-15	3.00E-14	5.44E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.29E-13	3.22E-11	0.00E+00	6.40E-14	4.34E-11	7.65E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.09E-10	0.00E+00	7.65E-10	0.00E+00	7.65E-10	8.74E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.75E-12
M-DBLA4580	5.95E-09	6.04E-11	6.81E-11	7.76E-12	0.00E+00	0.00E+00	4.60E-10	1.00E-15	2.90E-14	5.39E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.30E-14	4.30E-11	7.59E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.59E-10	0.00E+00	7.59E-10	8.66E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-12
M-DBLA5030	6.09E-09	6.02E-11	6.80E-11	7.74E-12	0.00E+00	0.00E+00	4.59E-10	1.00E-15	2.90E-14	5.38E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.18E-11	0.00E+00	6.30E-14	4.29E-11	7.57E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.57E-10	0.00E+00	7.57E-10	8.64E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-12
M-DBLA5040	5.65E-09	6.04E-11	6.82E-11	7.77E-12	0.00E+00	0.00E+00	4.60E-10	1.00E-15	2.90E-14	5.40E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.30E-14	4.30E-11	7.59E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.59E-10	0.00E+00	7.59E-10	8.67E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
M-DBLA5050	5.64E-09	6.04E-11	6.82E-11	7.77E-12	0.00E+00	0.00E+00	4.60E-10	1.00E-15	2.90E-14	5.40E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.30E-14	4.31E-11	7.60E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.60E-10	0.00E+00	7.60E-10	8.67E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
M-DBLA5060	4.65E-09	6.09E-11	6.87E-11	7.83E-12	0.00E+00	0.00E+00	4.64E-10	1.00E-15	3.00E-14	5.44E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.29E-13	3.22E-11	0.00E+00	6.40E-14	4.34E-11	7.66E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.09E-10	0.00E+00	7.66E-10	0.00E+00	7.66E-10	8.74E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.75E-12
M-DBLA5080	4.49E-09	6.10E-11	6.88E-11	7.84E-12	0.00E+00	0.00E+00	4.65E-10	1.00E-15	3.00E-14	5.45E-13	0.00E+00	2.05E-12	0.00E+00	0.00E+00	1.28E-11	2.29E-13	3.22E-11	0.00E+00	6.40E-14	4.35E-11	7.67E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.09E-10	0.00E+00	7.67E-10	0.00E+00	7.67E-10	8.75E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.75E-12
M-DBLA60100	4.65E-09	6.10E-11	6.88E-11	7.84E-12	0.00E+00	0.00E+00	4.64E-10	1.00E-15	3.00E-14	5.45E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.29E-13	3.22E-11	0.00E+00	6.40E-14	4.34E-11	7.66E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.09E-10	0.00E+00	7.66E-10	0.00E+00	7.66E-10	8.75E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.75E-12
M-DBLA6030	5.88E-09	6.03E-11	6.81E-11	7.76E-12	0.00E+00	0.00E+00	4.59E-10	1.00E-15	2.90E-14	5.39E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.30E-14	4.30E-11	7.58E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.58E-10	0.00E+00	7.58E-10	8.66E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-12
M-DBLA6040	1.27E-03	5.85E-01	1.02E-01	4.82E-01	0.00E+00	0.00E+00	6.39E+00	6.27E-06	5.92E-04	3.73E-03	0.00E+00	1.08E-02	4.86E-08	1.44E-09	7.23E-02	1.18E-03	4.66E-02	4.16E-05	8.47E-04	2.01E-01	4.32E+00	0.00E+00	5.75E-09	7.60E-09	8.70E-04	2.31E-05	5.80E-01	0.00E+00	4.32E+00	1.08E-08	4.32E+00	4.90E+00	5.80E-01	0.00E+00	0.00E+00	0.00E+00	3.64E-02
M-DBLA6050	5.83E-09	6.04E-11	6.81E-11	7.76E-12	0.00E+00	0.00E+00	4.60E-10	1.00E-15	2.90E-14	5.39E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.30E-14	4.30E-11	7.59E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.59E-10	0.00E+00	7.59E-10	8.66E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-12
M-DBLA6060	7.88E-05	3.91E-02	6.61E-03	2.85E-02	0.00E+00	0.00E+00	4.10E-01	3.90E-07	3.78E-05	2.35E-04	0.00E+00	6.94E-04	3.14E-09	9.17E-11	4.24E-03	7.56E-05	2.34E-03	0.00E+00	4.94E-05	1.17E-02	2.70E-01	0.00E+00	3.65E-10	4.72E-10	5.44E-05	1.40E-06	3.60E-02	0.00E+00	2.70E-01	6.82E-10	2.70E-01	3.06E-01	3.60E-02	0.00E+00	0.00E+00	0.00E+00	2.12E-03
M-DBLA6080	4.77E-09	6.09E-11	6.87E-11	7.83E-12	0.00E+00	0.00E+00	4.64E-10	1.00E-15	3.00E-14	5.44E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.29E-13	3.22E-11	0.00E+00	6.40E-14	4.34E-11	7.65E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.09E-10	0.00E+00	7.65E-10	0.00E+00	7.65E-10	8.74E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.75E-12
M-DBLA6090	4.70E-09	6.09E-11	6.88E-11	7.84E-12	0.00E+00	0.00E+00	4.64E-10	1.00E-15	3.00E-14	5.44E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.29E-13	3.22E-11	0.00E+00	6.40E-14	4.34E-11	7.66E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.09E-10	0.00E+00	7.66E-10	0.00E+00	7.66E-10	8.75E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.75E-12
M-DBLA7030	5.80E-09	6.04E-11	6.81E-11	7.76E-12	0.00E+00	0.00E+00	4.60E-10	1.00E-15	2.90E-14	5.39E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.30E-14	4.30E-11	7.59E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.59E-10	0.00E+00	7.59E-10	8.66E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-12
M-DBLA7040	5.03E-09	6.07E-11	6.85E-11	7.80E-12	0.00E+00	0.00E+00	4.62E-10	1.00E-15	2.90E-14	5.42E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.21E-11	0.00E+00	6.40E-14	4.32E-11	7.63E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.63E-10	0.00E+00	7.63E-10	8.71E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-12
M-DBLA7050	5.01E-09	6.07E-11	6.85E-11	7.81E-12	0.00E+00	0.00E+00	4.62E-10	1.00E-15	2.90E-14	5.42E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.21E-11	0.00E+00	6.40E-14	4.32E-11	7.63E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.63E-10	0.00E+00	7.63E-10	8.71E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-12
M-DBLA7060	4.01E-09	6.12E-11	6.91E-11	7.87E-12	0.00E+00	0.00E+00	4.66E-10	1.00E-15	3.00E-14	5.47E-13	0.00E+00	2.05E-12	0.00E+00	0.00E+00	1.28E-11	2.30E-13	3.23E-11	0.00E+00	6.40E-14	4.36E-11	7.69E-10	0.00E+00	0.00E+00	0.00E+00	9.50E-14	4.00E-15	1.09E-10	0.00E+00	7.69E-10	0.00E+00	7.69E-10	8.78E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.76E-12
M-DBLA7080	3.95E-09	6.13E-11	6.91E-11	7.88E-12	0.00E+00	0.00E+00	4.67E-10	1.00E-15	3.00E-14	5.47E-13	0.00E+00	2.06E-12	0.00E+00	0.00E+00	1.28E-11	2.30E-13	3.24E-11	0.00E+00	6.40E-14	4.36E-11	7.70E-10	0.00E+00	0.00E+00	0.00E+00	9.50E-14	4.00E-15	1.09E-10	0.00E+00	7.70E-10	0.00E+00	7.70E-10	8.79E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.76E-12
M-DBLA80100	3.89E-09	6.13E-11	6.92E-11	7.88E-12	0.00E+00	0.00E+00	4.67E-10	1.00E-15	3.00E-14	5.48E-13	0.00E+00	2.06E-12	0.00E+00	0.00E+00	1.28E-11	2.31E-13	3.24E-11	0.00E+00	6.50E-14	4.37E-11	7.71E-10	0.00E+00	0.00E+00	0.00E+00	9.50E-14	4.00E-15	1.09E-10	0.00E+00	7.71E-10	0.00E+00	7.71E-10	8.80E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.77E-12
M-DBLA8030	6.63E-09	6.00E-11	6.77E-11	7.71E-12	0.00E+00	0.00E+00	4.57E-10	1.00E-15	2.90E-14	5.36E-13	0.00E+00	2.01E-12	0.00E+00	0.00E+00	1.25E-11	2.26E-13	3.17E-11	0.00E+00	6.30E-14	4.27E-11	7.54E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.54E-10	0.00E+00	7.54E-10	8.61E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-12
M-DBLA8040	5.70E-09	6.04E-11	6.81E-11	7.76E-12	0.00E+00	0.00E+00	4.60E-10	1.00E-15	2.90E-14	5.39E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.30E-14	4.30E-11	7.59E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.59E-10	0.00E+00	7.59E-10	8.66E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-12
M-DBLA8050	5.67E-09	6.04E-11	6.82E-11	7.77E-12	0.00E+00	0.00E+00	4.60E-10	1.00E-15	2.90E-14	5.40E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.30E-14	4.30E-11	7.59E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.59E-10	0.00E+00	7.59E-10	8.67E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-12
M-DBLA8060	4.15E-09	6.11E-11	6.90E-11	7.86E-12	0.00E+00	0.00E+00	4.66E-10	1.00E-15	3.00E-14	5.46E-13	0.00E+00	2.05E-12	0.00E+00	0.00E+00	1.28E-11	2.30E-13	3.23E-11	0.00E+00	6.40E-14	4.36E-11	7.68E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.09E-10	0.00E+00	7.68E-10	0.00E+00	7.68E-10	8.77E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.76E-12
M-DBLA8080	4.08E-09	6.12E-11	6.91E-11	7.87E-12	0.00E+00	0.00E+00	4.66E-10	1.00E-15	3.00E-14	5.47E-13	0.00E+00	2.05E-12	0.00E+00	0.00E+00	1.28E-11	2.30E-13	3.23E-11	0.00E+00	6.40E-14	4.36E-11	7.69E-10	0.00E+00	0.00E+00	0.00E+00	9.50E-14	4.00E-15	1.09E-10	0.00E+00	7.69E-10	0.00E+00	7.69E-10	8.78E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.76E-12
M-DBLA8090	3.90E-09	6.13E-11	6.92E-11	7.88E-12	0.00E+00	0.00E+00	4.67E-10	1.00E-15	3.00E-14	5.48E-13	0.00E+00	2.06E-12	0.00E+00	0.00E+00	1.28E-11	2.30E-13	3.24E-11	0.00E+00	6.40E-14	4.37E-11	7.70E-10	0.00E+00	0.00E+00	0.00E+00	9.50E-14	4.00E-15	1.09E-10	0.00E+00	7.70E-10	0.00E+00	7.70E-10	8.80E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.76E-12
M-DBLA8530	6.63E-09	6.00E-11	6.77E-11	7.71E-12	0.00E+00	0.00E+00	4.57E-10	1.00E-15	2.90E-14	5.36E-13	0.00E+00	2.01E-12	0.00E+00	0.00E+00	1.25E-11	2.26E-13	3.17E-11	0.00E+00	6.30E-14	4.27E-11	7.54E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.54E-10	0.00E+00	7.54E-10	8.61E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-12
M-DBLA8540	3.04E-06	1.35E-03	2.54E-04	1.10E-03	0.00E+00	0.00E+00	1.58E-02	1.50E-08	1.45E-06	9.03E-06	0.00E+00	2.67E-05	1.21E-10	3.53E-12	1.63E-04	2.92E-06	9.00E-05	0.00E+00	1.90E-06	4.49E-04	1.04E-02	0.00E+00	1.40E-11	1.82E-11	2.11E-06	5.38E-08	1.39E-03	0.00E+00	1.04E-02	2.55E-11	1.04E-02	1.18E-02	1.39E-03	0.00E+00	0.00E+00	0.00E+00	8.16E-05

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M-DBLG13560	7.91E-09	5.93E-11	6.69E-11	7.63E-12	0.00E+00	0.00E+00	4.52E-10	1.00E-15	2.90E-14	5.30E-13	0.00E+00	1.99E-12	0.00E+00	0.00E+00	1.24E-11	2.23E-13	3.13E-11	0.00E+00	6.20E-14	4.22E-11	7.45E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.45E-10	8.51E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.68E-12
M-DBLG13580	7.73E-09	5.94E-11	6.71E-11	7.64E-12	0.00E+00	0.00E+00	4.53E-10	1.00E-15	2.90E-14	5.31E-13	0.00E+00	1.99E-12	0.00E+00	0.00E+00	1.24E-11	2.24E-13	3.14E-11	0.00E+00	6.20E-14	4.23E-11	7.47E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.47E-10	8.53E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.68E-12
M-DBLG14030	8.01E-09	5.92E-11	6.68E-11	7.61E-12	0.00E+00	0.00E+00	4.51E-10	1.00E-15	2.90E-14	5.29E-13	0.00E+00	1.99E-12	0.00E+00	0.00E+00	1.24E-11	2.23E-13	3.13E-11	0.00E+00	6.20E-14	4.22E-11	7.44E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.06E-10	0.00E+00	7.44E-10	8.49E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG14040	7.99E-09	5.92E-11	6.68E-11	7.61E-12	0.00E+00	0.00E+00	4.51E-10	1.00E-15	2.90E-14	5.29E-13	0.00E+00	1.99E-12	0.00E+00	0.00E+00	1.24E-11	2.23E-13	3.13E-11	0.00E+00	6.20E-14	4.22E-11	7.44E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.06E-10	0.00E+00	7.44E-10	8.50E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG14050	7.97E-09	5.93E-11	6.69E-11	7.62E-12	0.00E+00	0.00E+00	4.51E-10	1.00E-15	2.90E-14	5.29E-13	0.00E+00	1.99E-12	0.00E+00	0.00E+00	1.24E-11	2.23E-13	3.13E-11	0.00E+00	6.20E-14	4.22E-11	7.45E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.45E-10	8.50E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG14060	7.81E-09	5.94E-11	6.70E-11	7.63E-12	0.00E+00	0.00E+00	4.52E-10	1.00E-15	2.90E-14	5.30E-13	0.00E+00	1.99E-12	0.00E+00	0.00E+00	1.24E-11	2.23E-13	3.13E-11	0.00E+00	6.20E-14	4.23E-11	7.46E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.46E-10	8.52E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.68E-12
M-DBLG14080	7.70E-09	5.94E-11	6.71E-11	7.64E-12	0.00E+00	0.00E+00	4.53E-10	1.00E-15	2.90E-14	5.31E-13	0.00E+00	1.99E-12	0.00E+00	0.00E+00	1.24E-11	2.24E-13	3.14E-11	0.00E+00	6.20E-14	4.23E-11	7.47E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.47E-10	8.53E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.68E-12
M-DBLG15030	8.10E-09	5.91E-11	6.68E-11	7.61E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.43E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.43E-10	8.49E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG15040	7.93E-09	5.93E-11	6.69E-11	7.62E-12	0.00E+00	0.00E+00	4.51E-10	1.00E-15	2.90E-14	5.29E-13	0.00E+00	1.99E-12	0.00E+00	0.00E+00	1.24E-11	2.23E-13	3.13E-11	0.00E+00	6.20E-14	4.22E-11	7.45E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.45E-10	8.50E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG15050	7.90E-09	5.93E-11	6.69E-11	7.62E-12	0.00E+00	0.00E+00	4.52E-10	1.00E-15	2.90E-14	5.30E-13	0.00E+00	1.99E-12	0.00E+00	0.00E+00	1.24E-11	2.23E-13	3.13E-11	0.00E+00	6.20E-14	4.22E-11	7.45E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.45E-10	8.51E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG15060	7.88E-09	5.93E-11	6.70E-11	7.63E-12	0.00E+00	0.00E+00	4.52E-10	1.00E-15	2.90E-14	5.30E-13	0.00E+00	1.99E-12	0.00E+00	0.00E+00	1.24E-11	2.23E-13	3.13E-11	0.00E+00	6.20E-14	4.23E-11	7.46E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.46E-10	8.52E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.68E-12
M-DBLG15080	7.70E-09	5.95E-11	6.71E-11	7.65E-12	0.00E+00	0.00E+00	4.53E-10	1.00E-15	2.90E-14	5.31E-13	0.00E+00	2.00E-12	0.00E+00	0.00E+00	1.24E-11	2.24E-13	3.14E-11	0.00E+00	6.20E-14	4.24E-11	7.48E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.48E-10	8.54E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.68E-12
M-DBLG16030	8.03E-09	5.92E-11	6.68E-11	7.61E-12	0.00E+00	0.00E+00	4.51E-10	1.00E-15	2.90E-14	5.29E-13	0.00E+00	1.99E-12	0.00E+00	0.00E+00	1.24E-11	2.23E-13	3.13E-11	0.00E+00	6.20E-14	4.22E-11	7.44E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.06E-10	0.00E+00	7.44E-10	8.49E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG16040	8.00E-09	5.92E-11	6.68E-11	7.62E-12	0.00E+00	0.00E+00	4.51E-10	1.00E-15	2.90E-14	5.29E-13	0.00E+00	1.99E-12	0.00E+00	0.00E+00	1.24E-11	2.23E-13	3.13E-11	0.00E+00	6.20E-14	4.22E-11	7.44E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.06E-10	0.00E+00	7.44E-10	8.50E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG16050	7.84E-09	5.93E-11	6.70E-11	7.63E-12	0.00E+00	0.00E+00	4.52E-10	1.00E-15	2.90E-14	5.30E-13	0.00E+00	1.99E-12	0.00E+00	0.00E+00	1.24E-11	2.23E-13	3.13E-11	0.00E+00	6.20E-14	4.23E-11	7.46E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.46E-10	8.52E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.68E-12
M-DBLG16060	7.81E-09	5.94E-11	6.70E-11	7.64E-12	0.00E+00	0.00E+00	4.52E-10	1.00E-15	2.90E-14	5.30E-13	0.00E+00	1.99E-12	0.00E+00	0.00E+00	1.24E-11	2.23E-13	3.14E-11	0.00E+00	6.20E-14	4.23E-11	7.46E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.46E-10	8.52E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.68E-12
M-DBLG16080	7.62E-09	5.95E-11	6.72E-11	7.65E-12	0.00E+00	0.00E+00	4.53E-10	1.00E-15	2.90E-14	5.32E-13	0.00E+00	2.00E-12	0.00E+00	0.00E+00	1.24E-11	2.24E-13	3.14E-11	0.00E+00	6.30E-14	4.24E-11	7.48E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.48E-10	8.54E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.69E-12
M-DBLG30100	8.17E-09	5.91E-11	6.67E-11	7.60E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.43E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.43E-10	8.48E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG3030	8.16E-09	5.91E-11	6.68E-11	7.59E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.23E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.42E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.42E-10	8.48E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.66E-12
M-DBLG3040	8.16E-09	5.91E-11	6.67E-11	7.59E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.23E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.42E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.42E-10	8.48E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.66E-12
M-DBLG3050	8.16E-09	5.91E-11	6.67E-11	7.59E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.42E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.42E-10	8.48E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.66E-12
M-DBLG3060	8.16E-09	5.91E-11	6.67E-11	7.60E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.42E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.42E-10	8.48E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.66E-12
M-DBLG3080	8.14E-09	5.91E-11	6.67E-11	7.60E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.43E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.43E-10	8.48E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG3090	8.11E-09	5.91E-11	6.67E-11	7.60E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.43E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.43E-10	8.48E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG3530	8.13E-09	5.91E-11	6.67E-11	7.60E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.42E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.42E-10	8.48E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.66E-12
M-DBLG3540	8.20E-09	5.90E-11	6.66E-11	7.59E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.27E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.23E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.42E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.42E-10	8.47E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.66E-12
M-DBLG3550	8.12E-09	5.91E-11	6.67E-11	7.60E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.43E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.43E-10	8.48E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG3560	8.05E-09	5.91E-11	6.67E-11	7.60E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.43E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.43E-10	8.49E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG3580	8.03E-09	5.91E-11	6.68E-11	7.61E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.43E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.43E-10	8.49E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG40100	8.11E-09	5.91E-11	6.68E-11	7.60E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.43E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.43E-10	8.49E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG4030	8.10E-09	5.91E-11	6.67E-11	7.60E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.43E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.43E-10	8.48E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG4040	8.10E-09	5.91E-11	6.67E-11	7.60E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.43E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.43E-10	8.48E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG4050	8.09E-09	5.91E-11	6.67E-11	7.60E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.43E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.43E-10	8.48E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG4060	8.09E-09	5.91E-11	6.67E-11	7.60E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.43E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.43E-10	8.48E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG4080	8.07E-09	5.91E-11	6.67E-11	7.60E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.43E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.43E-10	8.49E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG4090	8.03E-09	5.92E-11	6.68E-11	7.61E-12	0.00E+00	0.00E+00	4.51E-10	1.00E-15	2.90E-14	5.29E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.23E-13	3.12E-11	0.00E+00	6.20E-14	4.22E-11	7.44E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.06E-10	0.00E+00	7.44E-10	8.49E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG4560	8.12E-09	5.91E-11	6.67E-11	7.60E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.43E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.43E-10	8.48E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG4580	8.11E-09	5.91E-11	6.67E-11	7.60E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.43E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.43E-10	8.49E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG5030	8.17E-09	5.91E-11	6.67E-11	7.59E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.23E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.42E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.42E-10	8.48E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.66E-12
M-DBLG5040	8.17E-09	5.91E-11	6.67E-11	7.60E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.42E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.42E-10	8.48E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.66E-12
M-DBLG5050	8.16E-09	5.91E-11	6.67E-11	7.60E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.43E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.43E-10	8.48E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG5060	8.02E-09	5.92E-11	6.68E-11	7.61E-12	0.00E+00	0.00E+00	4.51E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.23E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.44E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.06E-10	0.00E+00	7.44E-10	8.49E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG5080	8.00E-09	5.92E-11	6.68E-11	7.61E-12	0.00E+00	0.00E+00	4.51E-10	1.00E-15	2.90E-14	5.29E-13	0.00E+00	1.99E-12	0.00E+00	0.00E+00	1.24E-11	2.23E-13	3.13E-11	0.00E+00	6.20E-14	4.22E-11	7.44E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.06E-10	0.00E+00	7.44E-10	8.49E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG60100	7.88E-09	5.93E-11	6.69E-11	7.62E-12	0.00E+00	0.00E+00	4.52E-10	1.00E-15	2.90E-14	5.30E-13	0.00E+00	1.99E-12	0.00E+00	0.00E+00	1.24E-11	2.23E-13	3.13E-11	0.00E+00	6.20E-14	4.22E-11	7.45E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.45E-10	8.51E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG6030	8.10E-09	5.91E-11	6.67E-11	7.60E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.43E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.43E-10	8.48E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG6040	8.10E-09	5.91E-11	6.67E-11	7.60E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.43E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.43E-10	8.48E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG6050	8.09E-09	5.91E-11	6.67E-11	7.60E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.43E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.43E-10	8.49E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG6060	8.08E-09	5.91E-11	6.67E-11	7.60E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.43E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.43E-10	8.49E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-DBLG6080	8.07E-09	5.92E-11	6.68E-11	7.61E-12	0.00E+00	0.00E+00	4.51E-10	1.00E-15	2.90E-14	5.29E-13	0.00E+00	1.99E-12	0.00E+00	0.00E+00	1.24E-11	2.23E-13	3.13E-11	0.00E+00

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M-DBLUNG13050	4.28E-04	1.90E-01	3.58E-02	1.54E-01	0.00E+00	0.00E+00	2.22E+00	2.12E-06	2.05E-04	1.27E-03	0.00E+00	3.76E-03	1.79E-08	4.97E-10	2.30E-02	4.12E-04	1.27E-02	0.00E+00	2.68E-04	6.33E-02	1.46E+00	0.00E+00	1.98E-09	2.56E-09	2.96E-04	7.59E-06	1.95E-01	0.00E+00	1.46E+00	3.59E-09	1.46E+00	1.66E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	1.15E-02
M-DBLUNG13060	1.70E-04	7.56E-02	1.42E-02	6.13E-02	0.00E+00	0.00E+00	8.84E-01	8.42E-07	8.13E-05	5.06E-04	0.00E+00	1.49E-03	6.76E-09	1.98E-10	9.13E-03	1.63E-04	5.04E-03	0.00E+00	1.06E-04	2.51E-02	5.81E-01	0.00E+00	7.86E-10	1.02E-09	1.18E-04	3.01E-06	7.76E-02	0.00E+00	5.81E-01	1.43E-09	5.81E-01	6.59E-01	7.76E-02	0.00E+00	0.00E+00	0.00E+00	4.57E-03
M-DBLUNG13080	3.24E-04	1.44E-01	2.72E-02	1.17E-01	0.00E+00	0.00E+00	1.69E+00	1.61E-06	1.55E-04	9.66E-04	0.00E+00	2.85E-03	1.29E-08	3.77E-10	1.74E-02	3.12E-04	9.63E-03	0.00E+00	2.03E-04	4.80E-02	1.11E+00	0.00E+00	1.50E-09	1.94E-09	2.26E-04	5.76E-06	1.48E-01	0.00E+00	1.11E+00	2.72E-09	1.11E+00	1.26E+00	1.48E-01	0.00E+00	0.00E+00	0.00E+00	8.73E-03
M-DBLUNG13530	1.94E-04	8.64E-02	1.63E-02	7.01E-02	0.00E+00	0.00E+00	1.01E+00	9.60E-07	9.29E-05	5.78E-04	0.00E+00	1.71E-03	7.73E-09	2.26E-10	1.04E-02	1.87E-04	5.76E-03	0.00E+00	1.22E-04	2.87E-02	6.64E-01	0.00E+00	8.98E-10	1.16E-09	1.35E-04	3.44E-06	8.86E-02	0.00E+00	6.64E-01	1.63E-09	6.64E-01	7.53E-01	8.86E-02	0.00E+00	0.00E+00	0.00E+00	5.22E-03
M-DBLUNG13540	4.25E-04	1.89E-01	3.56E-02	1.53E-01	0.00E+00	0.00E+00	2.21E+00	2.10E-06	2.03E-04	1.26E-03	0.00E+00	3.74E-03	1.69E-08	4.94E-10	2.28E-02	4.09E-04	1.26E-02	0.00E+00	2.66E-04	6.28E-02	1.45E+00	0.00E+00	1.96E-09	2.54E-09	2.95E-04	7.54E-06	1.94E-01	0.00E+00	1.45E+00	3.57E-09	1.45E+00	1.65E+00	1.94E-01	0.00E+00	0.00E+00	0.00E+00	1.14E-02
M-DBLUNG13550	3.52E-04	1.57E-01	2.95E-02	1.27E-01	0.00E+00	0.00E+00	1.83E+00	1.74E-06	1.68E-04	1.05E-03	0.00E+00	3.09E-03	1.40E-08	4.09E-10	1.89E-02	3.39E-04	1.04E-02	0.00E+00	2.20E-04	5.20E-02	1.20E+00	0.00E+00	1.63E-09	2.11E-09	2.45E-04	6.24E-06	1.61E-01	0.00E+00	1.20E+00	2.95E-09	1.20E+00	1.37E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	9.46E-03
M-DBLUNG13560	2.27E-04	1.01E-01	1.91E-02	8.22E-02	0.00E+00	0.00E+00	1.18E+00	1.13E-06	1.09E-04	6.77E-04	0.00E+00	2.00E-03	9.05E-09	2.65E-10	1.22E-02	2.19E-04	6.75E-03	0.00E+00	1.43E-04	3.37E-02	7.79E-01	0.00E+00	1.05E-09	1.36E-09	1.58E-04	4.04E-06	1.04E-01	0.00E+00	7.79E-01	1.91E-09	7.79E-01	8.83E-01	1.04E-01	0.00E+00	0.00E+00	0.00E+00	6.12E-03
M-DBLUNG13580	3.65E-04	1.71E-01	3.23E-02	1.39E-01	0.00E+00	0.00E+00	2.00E+00	1.91E-06	1.84E-04	1.15E-03	0.00E+00	3.39E-03	1.53E-08	4.48E-10	2.07E-02	3.71E-04	1.14E-02	0.00E+00	2.41E-04	5.70E-02	1.32E+00	0.00E+00	1.78E-09	2.31E-09	2.68E-04	6.84E-06	1.76E-01	0.00E+00	1.32E+00	3.23E-09	1.32E+00	1.49E+00	1.76E-01	0.00E+00	0.00E+00	0.00E+00	1.04E-02
M-DBLUNG14030	4.00E-04	1.78E-01	3.35E-02	1.45E-01	0.00E+00	0.00E+00	2.08E+00	1.98E-06	1.92E-04	1.19E-03	0.00E+00	3.52E-03	1.59E-08	4.66E-10	2.15E-02	3.85E-04	1.19E-02	0.00E+00	2.51E-04	5.92E-02	1.37E+00	0.00E+00	1.85E-09	2.40E-09	2.79E-04	7.10E-06	1.83E-01	0.00E+00	1.37E+00	3.36E-09	1.37E+00	1.55E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	1.08E-02
M-DBLUNG14040	1.79E-04	7.96E-02	1.50E-02	6.46E-02	0.00E+00	0.00E+00	9.31E-01	8.85E-07	8.57E-05	5.33E-04	0.00E+00	1.57E-03	7.12E-09	2.08E-10	9.62E-03	1.72E-04	5.31E-03	0.00E+00	1.12E-04	2.65E-02	6.13E-01	0.00E+00	8.28E-10	1.07E-09	1.25E-04	3.18E-06	8.17E-02	0.00E+00	6.13E-01	1.50E-09	6.13E-01	6.94E-01	8.17E-02	0.00E+00	0.00E+00	0.00E+00	4.81E-03
M-DBLUNG14050	2.61E-04	1.16E-01	2.19E-02	9.42E-02	0.00E+00	0.00E+00	1.36E+00	1.29E-06	1.25E-04	7.76E-04	0.00E+00	2.29E-03	1.04E-08	3.03E-10	1.40E-02	2.51E-04	7.74E-03	0.00E+00	1.63E-04	3.86E-02	8.93E-01	0.00E+00	1.21E-09	1.56E-09	1.81E-04	4.63E-06	1.19E-01	0.00E+00	8.93E-01	2.19E-09	8.93E-01	1.01E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	7.02E-03
M-DBLUNG14060	2.94E-04	1.31E-01	2.48E-02	1.06E-01	0.00E+00	0.00E+00	1.53E+00	1.46E-06	1.41E-04	8.76E-04	0.00E+00	2.58E-03	1.17E-08	3.42E-10	1.58E-02	2.83E-04	8.73E-03	0.00E+00	1.84E-04	4.35E-02	1.01E+00	0.00E+00	1.36E-09	1.76E-09	2.05E-04	5.22E-06	1.34E-01	0.00E+00	1.01E+00	2.47E-09	1.01E+00	1.14E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	7.91E-03
M-DBLUNG14080	1.79E-04	7.96E-02	1.50E-02	6.46E-02	0.00E+00	0.00E+00	9.31E-01	8.85E-07	8.57E-05	5.33E-04	0.00E+00	1.57E-03	7.12E-09	2.08E-10	9.62E-03	1.72E-04	5.31E-03	0.00E+00	1.12E-04	2.65E-02	6.13E-01	0.00E+00	8.28E-10	1.07E-09	1.25E-04	3.18E-06	8.17E-02	0.00E+00	6.13E-01	1.50E-09	6.13E-01	6.94E-01	8.17E-02	0.00E+00	0.00E+00	0.00E+00	4.81E-03
M-DBLUNG16030	1.76E-04	7.83E-02	1.47E-02	6.35E-02	0.00E+00	0.00E+00	9.15E-01	8.70E-07	8.42E-05	5.24E-04	0.00E+00	1.55E-03	7.00E-09	2.05E-10	9.45E-03	1.69E-04	5.22E-03	0.00E+00	1.10E-04	2.60E-02	6.02E-01	0.00E+00	8.14E-10	1.05E-09	1.22E-04	3.12E-06	8.03E-02	0.00E+00	6.02E-01	1.48E-09	6.02E-01	6.83E-01	8.03E-02	0.00E+00	0.00E+00	0.00E+00	4.73E-03
M-DBLUNG16040	2.68E-04	1.28E-01	2.41E-02	1.04E-01	0.00E+00	0.00E+00	1.50E+00	1.43E-06	1.38E-04	8.58E-04	0.00E+00	2.53E-03	1.15E-08	3.35E-10	1.55E-02	2.77E-04	8.55E-03	0.00E+00	1.81E-04	4.26E-02	9.86E-01	0.00E+00	1.33E-09	1.73E-09	2.00E-04	5.11E-06	1.32E-01	0.00E+00	9.86E-01	2.42E-09	9.86E-01	1.12E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	7.75E-03
M-DBLUNG16050	3.82E-04	1.70E-01	3.20E-02	1.38E-01	0.00E+00	0.00E+00	1.99E+00	1.89E-06	1.83E-04	1.14E-03	0.00E+00	3.36E-03	1.52E-08	4.44E-10	2.05E-02	3.68E-04	1.13E-02	0.00E+00	2.39E-04	5.65E-02	1.31E+00	0.00E+00	1.77E-09	2.29E-09	2.66E-04	6.78E-06	1.75E-01	0.00E+00	1.31E+00	3.21E-09	1.31E+00	1.48E+00	1.75E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
M-DBLUNG16060	4.49E-04	2.00E-01	3.76E-02	1.62E-01	0.00E+00	0.00E+00	2.34E+00	2.22E-06	2.15E-04	1.34E-03	0.00E+00	3.95E-03	1.79E-08	5.22E-10	2.41E-02	4.32E-04	1.33E-02	0.00E+00	2.81E-04	6.64E-02	1.54E+00	0.00E+00	2.08E-09	2.69E-09	3.12E-04	7.97E-06	2.05E-01	0.00E+00	1.54E+00	3.77E-09	1.54E+00	1.74E+00	2.05E-01	0.00E+00	0.00E+00	0.00E+00	1.21E-02
M-DBLUNG16080	3.34E-04	1.48E-01	2.80E-02	1.20E-01	0.00E+00	0.00E+00	1.74E+00	1.65E-06	1.60E-04	9.93E-04	0.00E+00	2.93E-03	1.33E-08	3.88E-10	1.79E-02	3.21E-04	9.90E-03	0.00E+00	2.09E-04	4.94E-02	1.14E+00	0.00E+00	1.54E-09	2.00E-09	2.32E-04	5.92E-06	1.52E-01	0.00E+00	1.14E+00	2.80E-09	1.14E+00	1.29E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	8.98E-03
M-DBLUNG3030	3.79E-04	1.69E-01	3.18E-02	1.37E-01	0.00E+00	0.00E+00	1.97E+00	1.88E-06	1.82E-04	1.13E-03	0.00E+00	3.34E-03	1.51E-08	4.41E-10	2.04E-02	3.65E-04	1.12E-02	0.00E+00	2.38E-04	5.61E-02	1.30E+00	0.00E+00	1.75E-09	2.27E-09	2.64E-04	6.73E-06	1.73E-01	0.00E+00	1.30E+00	3.18E-09	1.30E+00	1.47E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	1.02E-02
M-DBLUNG3040	3.97E-04	1.77E-01	3.33E-02	1.44E-01	0.00E+00	0.00E+00	2.07E+00	1.97E-06	1.90E-04	1.18E-03	0.00E+00	3.50E-03	1.58E-08	4.62E-10	2.13E-02	3.82E-04	1.18E-02	0.00E+00	2.49E-04	5.88E-02	1.36E+00	0.00E+00	1.84E-09	2.38E-09	2.76E-04	7.05E-06	1.81E-01	0.00E+00	1.36E+00	3.34E-09	1.36E+00	1.54E+00	1.81E-01	0.00E+00	0.00E+00	0.00E+00	1.07E-02
M-DBLUNG3050	4.15E-04	1.85E-01	3.48E-02	1.50E-01	0.00E+00	0.00E+00	2.16E+00	2.06E-06	1.99E-04	1.24E-03	0.00E+00	3.66E-03	1.65E-08	4.83E-10	2.23E-02	4.00E-04	1.23E-02	0.00E+00	2.60E-04	6.15E-02	1.42E+00	0.00E+00	1.92E-09	2.49E-09	2.89E-04	7.37E-06	1.90E-01	0.00E+00	1.42E+00	3.49E-09	1.42E+00	1.61E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	1.12E-02
M-DBLUNG3060	3.79E-04	1.69E-01	3.18E-02	1.37E-01	0.00E+00	0.00E+00	1.97E+00	1.88E-06	1.82E-04	1.13E-03	0.00E+00	3.34E-03	1.51E-08	4.41E-10	2.04E-02	3.65E-04	1.12E-02	0.00E+00	2.38E-04	5.61E-02	1.30E+00	0.00E+00	1.75E-09	2.27E-09	2.64E-04	6.73E-06	1.73E-01	0.00E+00	1.30E+00	3.18E-09	1.30E+00	1.47E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	1.02E-02
M-DBLUNG3080	4.15E-04	1.85E-01	3.48E-02	1.50E-01	0.00E+00	0.00E+00	2.16E+00	2.06E-06	1.99E-04	1.24E-03	0.00E+00	3.66E-03	1.65E-08	4.83E-10	2.23E-02	4.00E-04	1.23E-02	0.00E+00	2.60E-04	6.15E-02	1.42E+00	0.00E+00	1.92E-09	2.49E-09	2.89E-04	7.37E-06	1.90E-01	0.00E+00	1.42E+00	3.49E-09	1.42E+00	1.61E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	1.12E-02
M-DBLUNG3530	4.37E-04	1.94E-01	3.66E-02	1.58E-01	0.00E+00	0.00E+00	2.27E+00	2.16E-06	2.09E-04	1.30E-03	0.00E+00	3.84E-03	1.74E-08	5.08E-10	2.35E-02	4.20E-04	1.30E-02	0.00E+00	2.74E-04	6.46E-02	1.50E+00	0.00E+00	2.02E-09	2.62E-09	3.04E-04	7.75E-06	1.99E-01	0.00E+00	1.50E+00	3.67E-09	1.50E+00	1.69E+00	1.99E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
M-DBLUNG3540	3.18E-04	1.42E-01	2.67E-02	1.15E-01	0.00E+00	0.00E+00	1.66E+00	1.58E-06	1.52E-04	9.48E-04	0.00E+00	2.80E-03	1.27E-08	3.70E-10	1.71E-02	3.07E-04	9.45E-03	0.00E+00	2.00E-04	4.71E-02	1.09E+00	0.00E+00	1.47E-09	1.91E-09	2.22E-04	5.65E-06	1.45E-01	0.00E+00	1.09E+00	2.67E-09	1.09E+00	1.24E+00	1.45E-01	0.00E+00	0.00E+00	0.00E+00	8.57E-03
M-DBLUNG3550	1.68E-04	8.37E-02	1.58E-02	6.79E-02	0.00E+00	0.00E+00	9.78E-01	9.30E-07	9.00E-05	5.60E-04	0.00E+00	1.65E-03	7.48E-09	2.19E-10	1.01E-02	1.81E-04	5.58E-03	0.00E+00	1.18E-04	2.78E-02	6.44E-01	0.00E+00	8.70E-10	1.13E-09	1.31E-04	3.34E-06	8.59E-02	0.00E+00	6.44E-01	1.58E-09	6.44E-01	7.30E-01	8.59E-02	0.00E+00	0.00E+00	0.00E+00	5.06E-03
M-DBLUNG3560	3.31E-04	1.47E-01	2.77E-02	1.19E-01	0.00E+00	0.00E+00	1.72E+00	1.64E-06	1.58E-04	9.84E-04	0.00E+00	2.91E-03	1.32E-08	3.84E-10	1.78E-02	3.18E-04	9.81E-03	0.00E+00	2.07E-04	4.89E-02	1.13E+00	0.00E+00	1.53E-09	1.98E-09	2.30E-04	5.87E-06	1.51E-01	0.00E+00	1.13E+00	2.78E-09	1.13E+00	1.28E+00	1.51E-01	0.00E+00	0.00E+00	0.00E+00	8.89E-03
M-DBLUNG3580	3.79E-04	1.69E-01	3.18E-02	1.37E-01	0.00E+00	0.00E+00	1.97E+00	1.88E-06	1.82E-04	1.13E-03	0.00E+00	3.34E-03	1.51E-08	4.41E-10	2.04E-02	3.65E-04	1.12E-02	0.00E+00	2.38E-04	5.61E-02	1.30E+00	0.00E+00	1.75E-09	2.27E-09	2.64E-04	6.73E-06	1.73E-01	0.00E+00	1.30E+00	3.18E-09	1.30E+00	1.47E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	1.02E-02
M-DBLUNG4030	2.03E-04	9.04E-02	1.70E-02	7.34E-02	0.00E+00	0.00E+00	1.06E+00	1.01E-06	9.73E-05	6.05E-04	0.00E+00	1.79E-03	8.09E-09	2.36E-10	1.09E-02	1.96E-04	6.03E-03	0.00E+00	1.27E-04	3.01E-02	6.96E-01	0.00E+00	9.40E-10	1.22E-09	1.41E-04	3.61E-06	9.28E-02	0.00E+00	6.96E-01	1.71E-09	6.96E-01	7.88E-01	9.28E-02	0.00E+00	0.00E+00	0.00E+00	5.47E-03
M-DBLUNG4040	2.27E-04	1.01E-01	1.91E-02	8.22E-02	0.00E+00	0.00E+00	1.18E+00	1.13E-06	1.08E-04	6.77E-04	0.00E+00	2.00E-03	9.05E-09	2.65E-10	1.22E-02	2.19E-04	6.75E-03	0.00E+00	1.43E-04	3.37E-02	7.79E-01	0.00E+00	1.05E-09	1.36E-09	1.58E-04	4.04E-06	1.04E-01	0.00E+00	7.79E-01	1.91E-09	7.79E-01	8.83E-01	1.04E-01	0.00E+00	0.00E+00	0.00E+00	6.12E-03
M-DBLUNG4050	2.52E-04	1.12E-01	2.11E-02	9.09E-02	0.00E+00	0.00E+00	1.31E+00	1.25E-06	1.21E-04	7.49E-04	0.00E+00	2.21E-03	1.00E-08	2.93E-10	1.35E-02	2.42E-04	7.47E-03	0.00E+00	1.58E-04	3.72E-02	8.62E-01	0.00E+00	1.16E-09	1.51E-09	1.75E-04	4.47E-06	1.15E-01	0.00E+00	8.62E-01	2.11E-09	8.62E-01	9.77E-01	1.15E-01	0.00E+00	0.00E+00	0.00E+00	6.77E-03
M-DBLUNG4060	2.24E-04	9.99E-02	1.88E-02	8.11E-02	0.00E+00	0.00E+00	1.17E+00	1.11E-06	1.07E-04	6.68E-04	0.00E+00	1.97E-03	8.93E-09	2.61E-10	1.21E-02	2.16E-04	6.66E-03	0.00E+00	1.41E-04	3.32E-02	7.68E-01	0.00E+00	1.04E-09	1.34E-09	1.56E-04	3.98E-06	1.02E-01	0.00E+00	7.68E-01	1.88E-09	7.68E-01	8.71E-01	1.02E-01	0.00E+00	0.00E+00	0.00E+00	6.04E-03
M-DBLUNG4080	2.73E-04	1.21E-01	2.29E-02	9.86E-02	0.00E+00	0.00E+00	1.42E+00	1.35E-06	1.31E-04	8.12E-04	0.00E+00	2.40E-03	1.09E-08	3.17E-10	1.47E-02	2.63E-04	8.10E-03	0.00E+00	1.71E-04	4.04E-02	9.34E-01	0.00E+00	1.26E-09	1.64E-09	1.90E-04	4.84E-06	1.25E-01	0.00E+00	9.34E-01	2.29E-09	9.34E-01	1.06E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	7.34E-03
M-DBLUNG4530	4.49E-04	2.00E-01	3.76E-02	1.62E-01	0.00E+00	0.00E+00	2.34E+00	2.22E-06	2.15E-04	1.34E-03	0.00E+00	3.95E-03	1.79E-08	5.22E-10	2.41E-02	4.32E-04	1.33E-02	0.00E+00	2.81E-04	6.64E-02	1.54E+00	0.00E+00	2.08E-09	2.69E-09	3.12E-04	7.97E-06	2.05E-01	0.00E+00	1.54E+00	3.77E-09	1.54E+00	1.74E+00	2.05E-01	0.00E+00	0.00E+00	0.00E+00	1.21E-02
M-DBLUNG4540	3.24E-04	1.44E-01	2.72E-02	1.17E-01	0.00E+00	0.00E+00	1.69E+00	1.61E-06	1.55E-04	9.66E-04	0.00E+00	2.85E-03	1.29E-08	3.77E-10	1.74E-02	3.12E-04	9.63E-03	0.00E+00	2.03E-04	4.80E-02	1.11E+00	0.00E+00	1.50E-09	1.94E-09	2.26E-04	5.76E-06	1.48E-01	0.00E+00	1.11E+00	2.72E-09	1.11E+00	1.26E+00	1.48E-01	0.00E+00	0.00E+00	0.00E+00	8.73E-03
M-DBLUNG4550	3.46E-04	1.54E-01	2.90E-02	1.25E-01	0.00E+00	0.00E+00	1.80E+00	1.71E-06	1.66E-04	1.03E-03	0.00E+00	3.04E-03	1.38E-08	4.02E-10	1.86E-02	3.33E-04	1.03E-02	0.00E+00	2.17E-04	5.12E-02	1.18E+00	0.00E+00	1.60E-09	2.07E-09	2.41E-04	6.14E-06	1.58E-01	0.00E+00	1.18E+00	2.90E-09	1.18E+00	1.34E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	9.30E-03
M-DBLUNG4560	2.03E-04	9.04E-02	1.70E-02	7.34E-02	0.00E+00	0.00E+00	1.06E+00	1.01E-06	9.73E-05	6.05E-04	0.00E+00	1.79E-03	8.09E-09	2.36E-10	1.09E-02	1.96E-04	6.03E-03	0.00E+00	1.27E-04	3.01E-02	6.96E-01	0.00E+00	9.40E-10	1.22E-09	1.41E-04	3.61E-06	9.28E-02	0.00E+00	6.96E-01	1.71E-09	6.96E-01	7.88E-01	9.28E-02	0.00E+00	0.00E+00	0.00E+00	5.47E-03
M-DBLUNG4580	2.61E-04	1.16E-01	2.19E-02	9.42E-02	0.00E+00	0.00E+00	1.36E+00	1.29E-06	1.25E-04	7.76E-04	0.00E+00	2.29E-03	1.04E-08	3.03E-10	1.40E-02	2.51E-04	7.74E-03	0.00E+00	1.63E-04	3.86E-02	8.93E-01	0.00E+00	1.21E-09	1.56E-09	1.81E-04	4.63E-06	1.19E-01	0.00E+00	8.93E-01	2.19E-09	8.93E-01	1.01E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	7.02E-03
M-DBLUNG5030	3.88E-04	1.73E-01	3.25E-02	1.40E-01	0.00E+00	0.00E+00	2.02E+00	1.92E-06	1.86E-04	1.16E-03	0.00E+00	3.42E-03	1.55E-08	4.51E-10	2.09E-02	3.74E-04	1.15E-02	0.00E+00	2.43E-04	5.74E-02	1.33E+00	0.00E+00	1.80E-09	2.33E-09	2.70E-04	6.89E-06	1.77E-01	0.00E+00	1.33E+00	3.26E-09	1.33E+00	1.51E+00	1.77E-01	0.00E+00	0.00E+00	0.00E+00	1.04E-02
M-DBLUNG5040	4.18E-04	1.86E-01	3.51E-02	1.51E-01	0.00E+00	0.00E+00	2.18E+00	2.07E-06	2.00E-04	1.25E-03	0.00E+00	3.68E-03	1.67E-08	4.87E-10	2.25E-02	4.03E-04	1.24E-02	0.00E+00	2.62E-04	6.19E-02	1.43E+00	0.00E+00	1.94E-09	2.51E-09	2.91E-04	7.43E-06	1.91E-01	0.00E+00	1.43E+00	3.51E-09	1.43E+00	1.62E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	1.13E-02
M-DBLUNG5050	4.49E-04	2.00E-01	3.76E-02	1.62E-01	0.00E+00	0.00E+00	2.34E+00	2.22E-06	2.15E-04	1.34E-03	0.00E+00	3.95E-03	1.79E-08	5.22E-10	2.41E-02	4.32E-04	1.33E-02	0.00E+00	2.81E-04	6.64E-02	1.54E+00	0.00E+00	2.08E-09	2.69E-09	3.12E-04	7.97E-06	2.05E-01	0.00E+00	1.54E+00	3.77E-09	1.54E+00	1.74E+00	2.05E-01	0.00E+00	0.00E+00	0.00E+00	1.21E-02
M-DBLUNG5060	4.28E-04	1.90E-01	3.58E-02	1.54E-01	0.00E+00	0.00E+00	2.22E+00	2.12E-06	2.05E-04	1.27E-03	0.00E+00	3.76E-03	1.70E-08	4.97E-10	2.30E-02	4.12E-04	1.27E-02	0.00E+00	2.68E-04	6.33E-02	1.46E+00	0.00E+00	1.98E-09	2.56E-09	2.96E-04	7.59E-06	1.95E-01	0.00E+00	1.46E+00	3.59E-09	1.46E+00	1.66E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	1.15E-02
M-DBLUNG5080	1.65E-04	8.23E-02	1.55E-02	6.66E-02	0.00E+00	0.00E+00	9.63E-01	9.15E-07	8.86E-05	5.51E-04	0.00E+00	1.62E-03	7.36E-09	2.15E-10	9.94E-03	1.78E-04	5.49E-03	0.00E+00	1.16E-04	2.74E-02	6.33E-01	0.00E+00	8.56E-10	1.11E-09	1.29E-04	3.28E-06	8.45E-02	0.00E+00	6.33E-01	1.55E-09	6.33E-01	7.18E-01	8.45E-02	0.00E+00	0.00E+00	0.00E+00	4.98E-03
M-DBLUNG6030	3.00E-04	1.34E-01	2.52E-02	1.08E-01	0.00E+00	0.00E+00	1.56E+00	1.49E-06	1.44E-04	8.94E-04	0.00E+00	2.64E-03	1.19E-08	3.49E-10	1.61E-02	2.89E-04	8.91E-03	0.00E+00	1.88E-04	4.44E-02	1.03E+00	0.00E+00	1.39E-09	1.80E-09	2.09E-04	5.33E-06	1.37E-01	0.00E+00	1.03E+00	2.52E-09	1.03E+00	1.16E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	8.08E-03
M-DBLUNG6040	3.37E-04	1.50E-01	2.82E-02	1.22E-01	0.00E+00	0.00E+00	1.75E+00	1.67E-06	1.61E-04	1.00E-03	0.00E+00	2.96E-03	1.34E-08	3.92E-10	1.81E-02	3.24E-04	9.99E-03	0.00E+00	2.11E-04	4.98E-02	1.15E+00	0.00E+00	1.56E-09	2.02E-09	2.34E-04	5.97E-06	1.54E-01	0.00E+00	1.15E+00	2.83E-09	1.15E+00	1.31E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	9.06E-03
M-DBLUNG6050	3.73E-04	1.66E-01	3.13E-02	1.35E-01	0.00E+00	0.00E+00	1.94E+00	1.85E-06	1.79E-04	1.11E-03	0.00E+00	3.28E-03	1.48E-08	4.34E-10	2.00E-02	3.59E-04	1.11E-02	0.00E+00	2.34E-04	5.52E-02	1.28E+00	0.00E+00	1.73E-09	2.23E-09	2.60E-04	6.62E-06	1.70E

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MES-RS100402	1.39E-07	2.53E-10	2.85E-10	3.25E-11	0.00E+00	0.00E+00	1.93E-09	5.00E-15	1.22E-13	2.26E-12	0.00E+00	8.48E-12	0.00E+00	0.00E+00	5.29E-11	9.51E-13	1.34E-10	0.00E+00	2.66E-13	1.80E-10	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.90E-13	1.70E-14	4.51E-10	0.00E+00	3.19E-09	0.00E+00	3.18E-09	3.63E-09	4.51E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS100501	1.38E-07	2.54E-10	2.87E-10	3.27E-11	0.00E+00	0.00E+00	1.93E-09	5.00E-15	1.23E-13	2.27E-12	0.00E+00	8.52E-12	0.00E+00	0.00E+00	5.31E-11	9.55E-13	1.34E-10	0.00E+00	2.67E-13	1.81E-10	3.19E-09	0.00E+00	0.00E+00	0.00E+00	3.92E-13	1.70E-14	4.53E-10	0.00E+00	3.19E-09	0.00E+00	3.19E-09	3.65E-09	4.53E-10	0.00E+00	0.00E+00	0.00E+00	1.15E-11
MES-RS100502	1.39E-07	2.53E-10	2.86E-10	3.26E-11	0.00E+00	0.00E+00	1.93E-09	5.00E-15	1.22E-13	2.26E-12	0.00E+00	8.49E-12	0.00E+00	0.00E+00	5.29E-11	9.51E-13	1.34E-10	0.00E+00	2.66E-13	1.80E-10	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.91E-13	1.70E-14	4.51E-10	0.00E+00	3.18E-09	0.00E+00	3.18E-09	3.63E-09	4.51E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS100601	1.39E-07	2.54E-10	2.86E-10	3.26E-11	0.00E+00	0.00E+00	1.93E-09	5.00E-15	1.23E-13	2.27E-12	0.00E+00	8.51E-12	0.00E+00	0.00E+00	5.31E-11	9.55E-13	1.34E-10	0.00E+00	2.67E-13	1.81E-10	3.19E-09	0.00E+00	0.00E+00	0.00E+00	3.92E-13	1.70E-14	4.53E-10	0.00E+00	3.19E-09	0.00E+00	3.19E-09	3.64E-09	4.53E-10	0.00E+00	0.00E+00	0.00E+00	1.15E-11
MES-RS100602	1.39E-07	2.53E-10	2.86E-10	3.25E-11	0.00E+00	0.00E+00	1.93E-09	5.00E-15	1.22E-13	2.26E-12	0.00E+00	8.49E-12	0.00E+00	0.00E+00	5.29E-11	9.51E-13	1.34E-10	0.00E+00	2.66E-13	1.80E-10	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.91E-13	1.70E-14	4.51E-10	0.00E+00	3.18E-09	0.00E+00	3.18E-09	3.63E-09	4.51E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS100801	1.39E-07	2.54E-10	2.86E-10	3.26E-11	0.00E+00	0.00E+00	1.93E-09	5.00E-15	1.23E-13	2.27E-12	0.00E+00	8.51E-12	0.00E+00	0.00E+00	5.30E-11	9.54E-13	1.34E-10	0.00E+00	2.67E-13	1.81E-10	3.19E-09	0.00E+00	0.00E+00	0.00E+00	3.92E-13	1.70E-14	4.52E-10	0.00E+00	3.19E-09	0.00E+00	3.19E-09	3.64E-09	4.52E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS100802	1.39E-07	2.53E-10	2.86E-10	3.26E-11	0.00E+00	0.00E+00	1.93E-09	5.00E-15	1.22E-13	2.26E-12	0.00E+00	8.49E-12	0.00E+00	0.00E+00	5.29E-11	9.52E-13	1.34E-10	0.00E+00	2.66E-13	1.80E-10	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.91E-13	1.70E-14	4.52E-10	0.00E+00	3.18E-09	0.00E+00	3.18E-09	3.63E-09	4.52E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS100901	1.39E-07	2.54E-10	2.86E-10	3.26E-11	0.00E+00	0.00E+00	1.93E-09	5.00E-15	1.23E-13	2.27E-12	0.00E+00	8.51E-12	0.00E+00	0.00E+00	5.31E-11	9.54E-13	1.34E-10	0.00E+00	2.67E-13	1.81E-10	3.19E-09	0.00E+00	0.00E+00	0.00E+00	3.92E-13	1.70E-14	4.53E-10	0.00E+00	3.19E-09	0.00E+00	3.19E-09	3.64E-09	4.53E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS100902	1.39E-07	2.53E-10	2.86E-10	3.26E-11	0.00E+00	0.00E+00	1.93E-09	5.00E-15	1.23E-13	2.26E-12	0.00E+00	8.49E-12	0.00E+00	0.00E+00	5.29E-11	9.52E-13	1.34E-10	0.00E+00	2.66E-13	1.80E-10	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.91E-13	1.70E-14	4.52E-10	0.00E+00	3.18E-09	0.00E+00	3.18E-09	3.63E-09	4.52E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS1101001	1.40E-07	2.53E-10	2.86E-10	3.26E-11	0.00E+00	0.00E+00	1.93E-09	5.00E-15	1.23E-13	2.26E-12	0.00E+00	8.50E-12	0.00E+00	0.00E+00	5.30E-11	9.53E-13	1.34E-10	0.00E+00	2.66E-13	1.81E-10	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.91E-13	1.70E-14	4.52E-10	0.00E+00	3.18E-09	0.00E+00	3.18E-09	3.64E-09	4.52E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS1101002	1.39E-07	2.52E-10	2.85E-10	3.24E-11	0.00E+00	0.00E+00	1.92E-09	5.00E-15	1.22E-13	2.25E-12	0.00E+00	8.46E-12	0.00E+00	0.00E+00	5.27E-11	9.49E-13	1.33E-10	0.00E+00	2.65E-13	1.80E-10	3.17E-09	0.00E+00	0.00E+00	0.00E+00	3.89E-13	1.70E-14	4.50E-10	0.00E+00	3.17E-09	0.00E+00	3.17E-09	3.62E-09	4.50E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS110301	1.39E-07	2.54E-10	2.86E-10	3.26E-11	0.00E+00	0.00E+00	1.93E-09	5.00E-15	1.23E-13	2.27E-12	0.00E+00	8.52E-12	0.00E+00	0.00E+00	5.31E-11	9.55E-13	1.34E-10	0.00E+00	2.67E-13	1.81E-10	3.19E-09	0.00E+00	0.00E+00	0.00E+00	3.92E-13	1.70E-14	4.53E-10	0.00E+00	3.19E-09	0.00E+00	3.19E-09	3.64E-09	4.53E-10	0.00E+00	0.00E+00	0.00E+00	1.15E-11
MES-RS110302	1.40E-07	2.52E-10	2.84E-10	3.24E-11	0.00E+00	0.00E+00	1.92E-09	5.00E-15	1.22E-13	2.25E-12	0.00E+00	8.45E-12	0.00E+00	0.00E+00	5.27E-11	9.47E-13	1.33E-10	0.00E+00	2.65E-13	1.79E-10	3.17E-09	0.00E+00	0.00E+00	0.00E+00	3.89E-13	1.70E-14	4.49E-10	0.00E+00	3.17E-09	0.00E+00	3.17E-09	3.61E-09	4.49E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS110351	2.58E-04	1.15E-01	2.16E-02	9.31E-02	0.00E+00	0.00E+00	1.34E+00	1.28E-06	1.23E-04	7.67E-04	0.00E+00	2.27E-03	1.03E-08	3.00E-10	1.39E-02	2.48E-04	7.65E-03	0.00E+00	1.62E-04	3.81E-02	8.82E-01	0.00E+00	1.19E-09	1.54E-09	1.79E-04	4.58E-06	1.18E-01	0.00E+00	8.82E-01	2.16E-09	8.82E-01	1.00E+00	1.18E-01	0.00E+00	0.00E+00	0.00E+00	6.94E-03
MES-RS110401	1.38E-07	2.54E-10	2.86E-10	3.26E-11	0.00E+00	0.00E+00	1.93E-09	5.00E-15	1.23E-13	2.27E-12	0.00E+00	8.51E-12	0.00E+00	0.00E+00	5.31E-11	9.54E-13	1.34E-10	0.00E+00	2.67E-13	1.81E-10	3.19E-09	0.00E+00	0.00E+00	0.00E+00	3.92E-13	1.70E-14	4.53E-10	0.00E+00	3.19E-09	0.00E+00	3.19E-09	3.64E-09	4.53E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS110402	1.40E-07	2.52E-10	2.84E-10	3.24E-11	0.00E+00	0.00E+00	1.92E-09	5.00E-15	1.22E-13	2.25E-12	0.00E+00	8.45E-12	0.00E+00	0.00E+00	5.27E-11	9.47E-13	1.33E-10	0.00E+00	2.65E-13	1.79E-10	3.17E-09	0.00E+00	0.00E+00	0.00E+00	3.89E-13	1.70E-14	4.49E-10	0.00E+00	3.17E-09	0.00E+00	3.17E-09	3.62E-09	4.49E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS110501	1.39E-07	2.54E-10	2.86E-10	3.26E-11	0.00E+00	0.00E+00	1.93E-09	5.00E-15	1.23E-13	2.27E-12	0.00E+00	8.51E-12	0.00E+00	0.00E+00	5.31E-11	9.54E-13	1.34E-10	0.00E+00	2.67E-13	1.81E-10	3.19E-09	0.00E+00	0.00E+00	0.00E+00	3.92E-13	1.70E-14	4.53E-10	0.00E+00	3.19E-09	0.00E+00	3.19E-09	3.64E-09	4.53E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS110502	1.40E-07	2.52E-10	2.84E-10	3.24E-11	0.00E+00	0.00E+00	1.92E-09	5.00E-15	1.22E-13	2.25E-12	0.00E+00	8.45E-12	0.00E+00	0.00E+00	5.27E-11	9.48E-13	1.33E-10	0.00E+00	2.65E-13	1.80E-10	3.17E-09	0.00E+00	0.00E+00	0.00E+00	3.89E-13	1.70E-14	4.49E-10	0.00E+00	3.17E-09	0.00E+00	3.17E-09	3.62E-09	4.49E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS110601	1.39E-07	2.53E-10	2.86E-10	3.26E-11	0.00E+00	0.00E+00	1.93E-09	5.00E-15	1.23E-13	2.26E-12	0.00E+00	8.50E-12	0.00E+00	0.00E+00	5.30E-11	9.53E-13	1.34E-10	0.00E+00	2.66E-13	1.81E-10	3.19E-09	0.00E+00	0.00E+00	0.00E+00	3.91E-13	1.70E-14	4.52E-10	0.00E+00	3.19E-09	0.00E+00	3.19E-09	3.64E-09	4.52E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS110602	1.40E-07	2.52E-10	2.84E-10	3.24E-11	0.00E+00	0.00E+00	1.92E-09	5.00E-15	1.22E-13	2.25E-12	0.00E+00	8.45E-12	0.00E+00	0.00E+00	5.27E-11	9.48E-13	1.33E-10	0.00E+00	2.65E-13	1.80E-10	3.17E-09	0.00E+00	0.00E+00	0.00E+00	3.89E-13	1.70E-14	4.49E-10	0.00E+00	3.17E-09	0.00E+00	3.17E-09	3.62E-09	4.49E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS110801	1.40E-07	2.53E-10	2.86E-10	3.26E-11	0.00E+00	0.00E+00	1.93E-09	5.00E-15	1.23E-13	2.26E-12	0.00E+00	8.50E-12	0.00E+00	0.00E+00	5.30E-11	9.53E-13	1.34E-10	0.00E+00	2.66E-13	1.80E-10	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.91E-13	1.70E-14	4.52E-10	0.00E+00	3.18E-09	0.00E+00	3.18E-09	3.64E-09	4.52E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS110802	1.40E-07	2.52E-10	2.85E-10	3.24E-11	0.00E+00	0.00E+00	1.92E-09	5.00E-15	1.22E-13	2.25E-12	0.00E+00	8.46E-12	0.00E+00	0.00E+00	5.27E-11	9.48E-13	1.33E-10	0.00E+00	2.65E-13	1.80E-10	3.17E-09	0.00E+00	0.00E+00	0.00E+00	3.89E-13	1.70E-14	4.50E-10	0.00E+00	3.17E-09	0.00E+00	3.17E-09	3.62E-09	4.50E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS110901	1.39E-07	2.53E-10	2.86E-10	3.26E-11	0.00E+00	0.00E+00	1.93E-09	5.00E-15	1.23E-13	2.26E-12	0.00E+00	8.50E-12	0.00E+00	0.00E+00	5.30E-11	9.53E-13	1.34E-10	0.00E+00	2.66E-13	1.81E-10	3.19E-09	0.00E+00	0.00E+00	0.00E+00	3.91E-13	1.70E-14	4.52E-10	0.00E+00	3.19E-09	0.00E+00	3.18E-09	3.64E-09	4.52E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS110902	1.40E-07	2.52E-10	2.85E-10	3.24E-11	0.00E+00	0.00E+00	1.92E-09	5.00E-15	1.22E-13	2.25E-12	0.00E+00	8.46E-12	0.00E+00	0.00E+00	5.27E-11	9.48E-13	1.33E-10	0.00E+00	2.65E-13	1.80E-10	3.17E-09	0.00E+00	0.00E+00	0.00E+00	3.89E-13	1.70E-14	4.50E-10	0.00E+00	3.17E-09	0.00E+00	3.17E-09	3.62E-09	4.50E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS1201001	1.40E-07	2.53E-10	2.85E-10	3.25E-11	0.00E+00	0.00E+00	1.93E-09	5.00E-15	1.22E-13	2.26E-12	0.00E+00	8.48E-12	0.00E+00	0.00E+00	5.29E-11	9.51E-13	1.34E-10	0.00E+00	2.66E-13	1.80E-10	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.90E-13	1.70E-14	4.51E-10	0.00E+00	3.18E-09	0.00E+00	3.18E-09	3.63E-09	4.51E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS1201002	1.40E-07	2.51E-10	2.83E-10	3.23E-11	0.00E+00	0.00E+00	1.91E-09	5.00E-15	1.21E-13	2.24E-12	0.00E+00	8.42E-12	0.00E+00	0.00E+00	5.25E-11	9.44E-13	1.33E-10	0.00E+00	2.64E-13	1.79E-10	3.16E-09	0.00E+00	0.00E+00	0.00E+00	3.88E-13	1.70E-14	4.48E-10	0.00E+00	3.16E-09	0.00E+00	3.16E-09	3.60E-09	4.48E-10	0.00E+00	0.00E+00	0.00E+00	1.13E-11
MES-RS120301	1.39E-07	2.53E-10	2.86E-10	3.26E-11	0.00E+00	0.00E+00	1.93E-09	5.00E-15	1.23E-13	2.26E-12	0.00E+00	8.50E-12	0.00E+00	0.00E+00	5.30E-11	9.53E-13	1.34E-10	0.00E+00	2.66E-13	1.80E-10	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.91E-13	1.70E-14	4.52E-10	0.00E+00	3.18E-09	0.00E+00	3.18E-09	3.64E-09	4.52E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS120302	1.41E-07	2.51E-10	2.83E-10	3.22E-11	0.00E+00	0.00E+00	1.91E-09	5.00E-15	1.21E-13	2.24E-12	0.00E+00	8.41E-12	0.00E+00	0.00E+00	5.24E-11	9.43E-13	1.32E-10	0.00E+00	2.63E-13	1.79E-10	3.15E-09	0.00E+00	0.00E+00	0.00E+00	3.87E-13	1.70E-14	4.47E-10	0.00E+00	3.15E-09	0.00E+00	3.15E-09	3.60E-09	4.47E-10	0.00E+00	0.00E+00	0.00E+00	1.13E-11
MES-RS120351	3.46E-04	1.54E-01	2.90E-02	1.25E-01	0.00E+00	0.00E+00	1.80E+00	1.71E-06	1.66E-04	1.03E-03	0.00E+00	3.04E-03	1.38E-08	4.02E-10	1.86E-02	3.33E-04	1.03E-02	0.00E+00	2.17E-04	5.12E-02	1.18E+00	0.00E+00	1.60E-09	2.07E-09	2.41E-04	6.14E-06	1.58E-01	0.00E+00	1.18E+00	2.90E-09	1.18E+00	1.34E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	9.30E-03
MES-RS120401	1.39E-07	2.53E-10	2.86E-10	3.26E-11	0.00E+00	0.00E+00	1.93E-09	5.00E-15	1.23E-13	2.26E-12	0.00E+00	8.50E-12	0.00E+00	0.00E+00	5.30E-11	9.53E-13	1.34E-10	0.00E+00	2.66E-13	1.80E-10	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.91E-13	1.70E-14	4.52E-10	0.00E+00	3.18E-09	0.00E+00	3.18E-09	3.64E-09	4.52E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS120402	1.41E-07	2.51E-10	2.83E-10	3.22E-11	0.00E+00	0.00E+00	1.91E-09	5.00E-15	1.21E-13	2.24E-12	0.00E+00	8.41E-12	0.00E+00	0.00E+00	5.24E-11	9.43E-13	1.32E-10	0.00E+00	2.64E-13	1.79E-10	3.15E-09	0.00E+00	0.00E+00	0.00E+00	3.87E-13	1.70E-14	4.47E-10	0.00E+00	3.15E-09	0.00E+00	3.15E-09	3.60E-09	4.47E-10	0.00E+00	0.00E+00	0.00E+00	1.13E-11
MES-RS120501	1.39E-07	2.53E-10	2.86E-10	3.26E-11	0.00E+00	0.00E+00	1.93E-09	5.00E-15	1.23E-13	2.26E-12	0.00E+00	8.50E-12	0.00E+00	0.00E+00	5.30E-11	9.52E-13	1.34E-10	0.00E+00	2.66E-13	1.80E-10	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.91E-13	1.70E-14	4.52E-10	0.00E+00	3.18E-09	0.00E+00	3.18E-09	3.63E-09	4.52E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS120502	1.41E-07	2.51E-10	2.83E-10	3.23E-11	0.00E+00	0.00E+00	1.91E-09	5.00E-15	1.21E-13	2.24E-12	0.00E+00	8.41E-12	0.00E+00	0.00E+00	5.24E-11	9.43E-13	1.32E-10	0.00E+00	2.64E-13	1.79E-10	3.15E-09	0.00E+00	0.00E+00	0.00E+00	3.87E-13	1.70E-14	4.47E-10	0.00E+00	3.15E-09	0.00E+00	3.15E-09	3.60E-09	4.47E-10	0.00E+00	0.00E+00	0.00E+00	1.13E-11
MES-RS120601	1.40E-07	2.53E-10	2.86E-10	3.26E-11	0.00E+00	0.00E+00	1.93E-09	5.00E-15	1.23E-13	2.26E-12	0.00E+00	8.49E-12	0.00E+00	0.00E+00	5.29E-11	9.51E-13	1.34E-10	0.00E+00	2.66E-13	1.80E-10	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.91E-13	1.70E-14	4.51E-10	0.00E+00	3.18E-09	0.00E+00	3.18E-09	3.63E-09	4.51E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS120602	1.41E-07	2.51E-10	2.83E-10	3.23E-11	0.00E+00	0.00E+00	1.91E-09	5.00E-15	1.21E-13	2.24E-12	0.00E+00	8.42E-12	0.00E+00	0.00E+00	5.25E-11	9.43E-13	1.32E-10	0.00E+00	2.64E-13	1.79E-10	3.15E-09	0.00E+00	0.00E+00	0.00E+00	3.87E-13	1.70E-14	4.47E-10	0.00E+00	3.15E-09	0.00E+00	3.15E-09	3.60E-09	4.47E-10	0.00E+00	0.00E+00	0.00E+00	1.13E-11
MES-RS120801	1.40E-07	2.53E-10	2.85E-10	3.25E-11	0.00E+00	0.00E+00	1.93E-09	5.00E-15	1.22E-13	2.26E-12	0.00E+00	8.48E-12	0.00E+00	0.00E+00	5.29E-11	9.51E-13	1.34E-10	0.00E+00	2.66E-13	1.80E-10	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.90E-13	1.70E-14	4.51E-10	0.00E+00	3.18E-09	0.00E+00	3.18E-09	3.63E-09	4.51E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS120802	1.41E-07	2.51E-10	2.83E-10	3.23E-11	0.00E+00	0.00E+00	1.91E-09	5.00E-15	1.21E-13	2.24E-12	0.00E+00	8.42E-12	0.00E+00	0.00E+00	5.25E-11	9.44E-13	1.33E-10	0.00E+00	2.64E-13	1.79E-10	3.15E-09	0.00E+00	0.00E+00	0.00E+00	3.87E-13	1.70E-14	4.48E-10	0.00E+00	3.15E-09	0.00E+00	3.15E-09	3.60E-09	4.48E-10	0.00E+00	0.00E+00	0.00E+00	1.13E-11
MES-RS120901	1.40E-07	2.53E-10	2.86E-10	3.25E-11	0.00E+00	0.00E+00	1.93E-09	5.00E-15	1.22E-13	2.26E-12	0.00E+00	8.49E-12	0.00E+00	0.00E+00	5.29E-11	9.51E-13	1.34E-10	0.00E+00	2.66E-13	1.80E-10	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.91E-13	1.70E-14	4.51E-10	0.00E+00	3.18E-09	0.00E+00	3.18E-09	3.63E-09	4.51E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS120902	1.41E-07	2.51E-10	2.83E-10	3.23E-11	0.00E+00	0.00E+00	1.91E-09	5.00E-15	1.21E-13	2.24E-12	0.00E+00	8.42E-12	0.00E+00	0.00E+00	5.25E-11	9.44E-13	1.33E-10	0.00E+00	2.64E-13	1.79E-10	3.15E-09	0.00E+00	0.00E+00	0.00E+00	3.87E-13	1.70E-14	4.48E-10	0.00E+00	3.15E-09	0.00E+00	3.15E-09	3.60E-09	4.48E-10	0.00E+00	0.00E+00	0.00E+00	1.13E-11
MES-RS1301001	1.41E-07	2.52E-10	2.85E-10	3.25E-11	0.00E+00	0.00E+00	1.92E-09	5.00E-15	1.22E-13	2.25E-12	0.00E+00	8.47E-12	0.00E+00	0.00E+00	5.28E-11	9.49E-13	1.33E-10	0.00E+00	2.65E-13	1.80E-10	3.17E-09	0.00E+00	0.00E+00	0.00E+00	3.90E-13	1.70E-14	4.50E-10	0.00E+00	3.17E-09	0.00E+00	3.17E-09	3.62E-09	4.50E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS1301002	1.41E-07	2.51E-10	2.83E-10	3.23E-11	0.00E+00	0.00E+00	1.91E-09	5.00E-15	1.21E-13	2.24E-12	0.00E+00	8.41E-12	0.00E+00	0.00E+00	5.24E-11	9.43E-13	1.32E-10	0.00E+00	2.64E-13	1.79E-10	3.15E-09	0.00E+00	0.00E+00	0.00E+00	3.87E-13	1.70E-14	4.47E-10	0.00E+00	3.15E-09	0.00E+00	3.15E-09	3.60E-09	4.47E-10	0.00E+00	0.00E+00	0.00E+00	1.13E-11
MES-RS130301	1.39E-07	2.53E-10	2.85E-10	3.25E-11	0.00E+00	0.00E+00	1.93E-09	5.00E-15	1.22E-13	2.26E-12	0.00E+00	8.48E-12	0.00E+00	0.00E+00	5.29E-11	9.51E-13	1.34E-10	0.00E+00	2.66E-13	1.80E-10	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.90E-13	1.70E-14	4.51E-10	0.00E+00	3.18E-09	0.00E+00	3.18E-09	3.63E-09	4.51E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS130302	1.42E-07	2.50E-10	2.83E-10	3.22E-11	0.00E+00	0.00E+00	1.91E-09	5.00E-15	1.21E-13	2.24E-12	0.00E+00	8.40E-12	0.00E+00	0.00E+00	5.24E-11	9.42E-13	1.32E-10	0.00E+00	2.63E-13	1.78E-10	3.15E-09	0.00E+00	0.00E+00	0.00E+00	3.87E-13	1.70E-14	4.47E-10	0.00E+00	3.15E-09	0.00E+00	3.15E-09	3.59E-09	4.47E-10	0.00E+00	0.00E+00	0.00E+00	1.13E-11
MES-RS130351	4.37E-04	1.94E-01	3.66E-02	1.58E-01	0.00E+00	0.00E+00	2.27E+00	2.16E-06	2.09E-04	1.30E-03	0.00E+00	3.84E-03	1.74E-08	5.08E-10	2.35E-02	4.20E-04	1.30E-02	0.00E+00	2.74E-04	6.46E-02	1.50E+00	0.00E+00	2.02E-09	2.62E-09	3.04E-04	7.75E-06	1.99E-01	0.00E+00	1.50E+00	3.67E-09	1.50E+00	1.69E+00	1.99E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
MES-RS130401	1.40E-07	2.53E-10	2.85E-10	3.25E-11	0.00E+00	0.00E+00	1.93E-09	5.00E-15	1.22E-13	2.26E-12	0.00E+00	8.48E-12	0.00E+00	0.00E+00	5.29E-11	9.51E-13	1.34E-10	0.00E+00	2.66E-13	1.80E-10	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.90E-13	1.70E-14	4.51E-10	0.00E+00	3.18E-09	0.00E+00	3.18E-09	3.63E-09	4.51E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-11
MES-RS130402	1.42E-07	2.51E-10	2.83E-10	3.22E-11	0.00E+00	0.00E+00	1.91E-09	5.00E-15	1.21E-13	2.24E-12	0.00E+00	8.40E-12	0.00E+00	0.00E+00	5.24E-11	9.42E-13	1.32E-10	0.00E+00	2.63E-13	1.78E-10	3.15E-09	0.00E+00	0.00E+00	0.00E+00	3.87E-13	1.70E-14	4.47E-10	0.00E+00	3.15E-09	0.00E+00	3.15E-09	3.60E-09	4.47E-10	0.00E+00	0.00E+00	0.00E+00	1.13E-11
MES-RS130501	1.40E-07	2.53E-10	2.85E-10	3.

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MES-SRT115	4.66E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.87E-13	1.65E-11	0.00E+00	6.18E-11	0.00E+00	0.00E+00	3.85E-10	6.92E-12	9.72E-10	0.00E+00	1.93E-12	1.31E-09	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-12	1.24E-13	3.28E-09	0.00E+00	2.31E-08	0.00E+00	2.31E-08	2.64E-08	3.28E-09	0.00E+00	0.00E+00	0.00E+00	8.30E-11
MES-SRT118	4.61E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.86E-13	1.65E-11	0.00E+00	6.18E-11	0.00E+00	0.00E+00	3.85E-10	6.93E-12	9.73E-10	0.00E+00	1.93E-12	1.31E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.65E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.31E-11
MES-SRT121	4.68E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.87E-13	1.65E-11	0.00E+00	6.18E-11	0.00E+00	0.00E+00	3.85E-10	6.92E-12	9.72E-10	0.00E+00	1.93E-12	1.31E-09	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-12	1.24E-13	3.28E-09	0.00E+00	2.31E-08	0.00E+00	2.31E-08	2.64E-08	3.28E-09	0.00E+00	0.00E+00	0.00E+00	8.30E-11
MES-SRT128	4.60E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.89E-13	1.65E-11	0.00E+00	6.19E-11	0.00E+00	0.00E+00	3.86E-10	6.93E-12	9.74E-10	0.00E+00	1.93E-12	1.31E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.65E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.32E-11
MES-SRT131	4.70E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.87E-13	1.64E-11	0.00E+00	6.17E-11	0.00E+00	0.00E+00	3.85E-10	6.92E-12	9.72E-10	0.00E+00	1.93E-12	1.31E-09	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-12	1.24E-13	3.28E-09	0.00E+00	2.31E-08	0.00E+00	2.31E-08	2.64E-08	3.28E-09	0.00E+00	0.00E+00	0.00E+00	8.30E-11
MES-SRT135	4.59E-07	1.85E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.41E-08	3.50E-14	8.90E-13	1.65E-11	0.00E+00	6.19E-11	0.00E+00	0.00E+00	3.86E-10	6.93E-12	9.75E-10	0.00E+00	1.93E-12	1.31E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.65E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.32E-11
MES-SRT136	3.79E-04	1.67E-01	3.15E-02	1.36E-01	0.00E+00	0.00E+00	1.99E+00	1.88E-06	1.80E-04	1.12E-03	0.00E+00	3.31E-03	1.50E-08	4.37E-10	2.02E-02	3.62E-04	1.12E-02	0.00E+00	2.36E-04	5.56E-02	1.29E+00	0.00E+00	1.74E-09	2.25E-09	2.62E-04	6.67E-06	1.72E-01	0.00E+00	1.29E+00	3.16E-09	1.29E+00	1.46E+00	1.72E-01	0.00E+00	0.00E+00	0.00E+00	1.01E-02
MES-SRT140	4.58E-07	1.85E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.41E-08	3.50E-14	8.90E-13	1.65E-11	0.00E+00	6.20E-11	0.00E+00	0.00E+00	3.86E-10	6.94E-12	9.75E-10	0.00E+00	1.93E-12	1.32E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.65E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.33E-11
MES-SRT142	4.58E-07	1.85E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.41E-08	3.50E-14	8.90E-13	1.65E-11	0.00E+00	6.20E-11	0.00E+00	0.00E+00	3.86E-10	6.94E-12	9.75E-10	0.00E+00	1.93E-12	1.32E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.65E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.33E-11
MES-SRT144	4.58E-07	1.85E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.41E-08	3.50E-14	8.90E-13	1.65E-11	0.00E+00	6.20E-11	0.00E+00	0.00E+00	3.86E-10	6.94E-12	9.75E-10	0.00E+00	1.93E-12	1.32E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.65E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.33E-11
MES-SRT812	4.62E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.88E-13	1.65E-11	0.00E+00	6.18E-11	0.00E+00	0.00E+00	3.85E-10	6.92E-12	9.73E-10	0.00E+00	1.93E-12	1.31E-09	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.28E-09	0.00E+00	2.31E-08	0.00E+00	2.31E-08	2.64E-08	3.28E-09	0.00E+00	0.00E+00	0.00E+00	8.31E-11
MES-SRT815	4.67E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.87E-13	1.64E-11	0.00E+00	6.17E-11	0.00E+00	0.00E+00	3.85E-10	6.92E-12	9.72E-10	0.00E+00	1.93E-12	1.31E-09	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-12	1.24E-13	3.28E-09	0.00E+00	2.31E-08	0.00E+00	2.31E-08	2.64E-08	3.28E-09	0.00E+00	0.00E+00	0.00E+00	8.30E-11
MES-SRT818	4.62E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.88E-13	1.65E-11	0.00E+00	6.18E-11	0.00E+00	0.00E+00	3.85E-10	6.93E-12	9.73E-10	0.00E+00	1.93E-12	1.31E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.64E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.31E-11
MES-SRT821	4.66E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.87E-13	1.64E-11	0.00E+00	6.17E-11	0.00E+00	0.00E+00	3.85E-10	6.92E-12	9.72E-10	0.00E+00	1.93E-12	1.31E-09	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-12	1.24E-13	3.28E-09	0.00E+00	2.31E-08	0.00E+00	2.31E-08	2.64E-08	3.28E-09	0.00E+00	0.00E+00	0.00E+00	8.30E-11
MES-SRT828	4.61E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.89E-13	1.65E-11	0.00E+00	6.19E-11	0.00E+00	0.00E+00	3.86E-10	6.93E-12	9.74E-10	0.00E+00	1.93E-12	1.31E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.65E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.32E-11
MES-SRT831	4.71E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.87E-13	1.64E-11	0.00E+00	6.17E-11	0.00E+00	0.00E+00	3.85E-10	6.91E-12	9.72E-10	0.00E+00	1.93E-12	1.31E-09	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-12	1.24E-13	3.28E-09	0.00E+00	2.31E-08	0.00E+00	2.31E-08	2.64E-08	3.28E-09	0.00E+00	0.00E+00	0.00E+00	8.30E-11
MES-SRT835	4.60E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.41E-08	3.50E-14	8.89E-13	1.65E-11	0.00E+00	6.19E-11	0.00E+00	0.00E+00	3.86E-10	6.93E-12	9.74E-10	0.00E+00	1.93E-12	1.31E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.65E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.32E-11
MES-SRT836	4.72E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.87E-13	1.64E-11	0.00E+00	6.17E-11	0.00E+00	0.00E+00	3.85E-10	6.92E-12	9.72E-10	0.00E+00	1.93E-12	1.31E-09	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-12	1.24E-13	3.28E-09	0.00E+00	2.31E-08	0.00E+00	2.31E-08	2.64E-08	3.28E-09	0.00E+00	0.00E+00	0.00E+00	8.30E-11
MES-SRT840	4.59E-07	1.85E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.41E-08	3.50E-14	8.90E-13	1.65E-11	0.00E+00	6.19E-11	0.00E+00	0.00E+00	3.86E-10	6.94E-12	9.75E-10	0.00E+00	1.93E-12	1.31E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.65E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.33E-11
MES-SRT842	4.59E-07	1.85E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.41E-08	3.50E-14	8.90E-13	1.65E-11	0.00E+00	6.19E-11	0.00E+00	0.00E+00	3.86E-10	6.94E-12	9.75E-10	0.00E+00	1.93E-12	1.32E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.65E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.33E-11
MES-SRT844	4.59E-07	1.85E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.41E-08	3.50E-14	8.90E-13	1.65E-11	0.00E+00	6.19E-11	0.00E+00	0.00E+00	3.86E-10	6.94E-12	9.75E-10	0.00E+00	1.93E-12	1.32E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.65E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.33E-11
MES-SRT912	4.62E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.88E-13	1.65E-11	0.00E+00	6.18E-11	0.00E+00	0.00E+00	3.85E-10	6.92E-12	9.73E-10	0.00E+00	1.93E-12	1.31E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.64E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.31E-11
MES-SRT915	4.67E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.87E-13	1.65E-11	0.00E+00	6.17E-11	0.00E+00	0.00E+00	3.85E-10	6.92E-12	9.72E-10	0.00E+00	1.93E-12	1.31E-09	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-12	1.24E-13	3.28E-09	0.00E+00	2.31E-08	0.00E+00	2.31E-08	2.64E-08	3.28E-09	0.00E+00	0.00E+00	0.00E+00	8.30E-11
MES-SRT918	4.61E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.88E-13	1.65E-11	0.00E+00	6.18E-11	0.00E+00	0.00E+00	3.85E-10	6.93E-12	9.73E-10	0.00E+00	1.93E-12	1.31E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.65E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.31E-11
MES-SRT921	4.66E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.87E-13	1.64E-11	0.00E+00	6.17E-11	0.00E+00	0.00E+00	3.85E-10	6.92E-12	9.72E-10	0.00E+00	1.93E-12	1.31E-09	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-12	1.24E-13	3.28E-09	0.00E+00	2.31E-08	0.00E+00	2.31E-08	2.64E-08	3.28E-09	0.00E+00	0.00E+00	0.00E+00	8.30E-11
MES-SRT928	4.60E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.89E-13	1.65E-11	0.00E+00	6.19E-11	0.00E+00	0.00E+00	3.86E-10	6.93E-12	9.74E-10	0.00E+00	1.93E-12	1.31E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.65E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.32E-11
MES-SRT931	4.71E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.87E-13	1.64E-11	0.00E+00	6.17E-11	0.00E+00	0.00E+00	3.85E-10	6.91E-12	9.72E-10	0.00E+00	1.93E-12	1.31E-09	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-12	1.24E-13	3.28E-09	0.00E+00	2.31E-08	0.00E+00	2.31E-08	2.64E-08	3.28E-09	0.00E+00	0.00E+00	0.00E+00	8.30E-11
MES-SRT935	4.59E-07	1.85E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.41E-08	3.50E-14	8.89E-13	1.65E-11	0.00E+00	6.19E-11	0.00E+00	0.00E+00	3.86E-10	6.93E-12	9.74E-10	0.00E+00	1.93E-12	1.31E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.65E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.32E-11
MES-SRT936	4.72E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.87E-13	1.65E-11	0.00E+00	6.18E-11	0.00E+00	0.00E+00	3.85E-10	6.92E-12	9.72E-10	0.00E+00	1.93E-12	1.31E-09	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-12	1.24E-13	3.28E-09	0.00E+00	2.31E-08	0.00E+00	2.31E-08	2.64E-08	3.28E-09	0.00E+00	0.00E+00	0.00E+00	8.30E-11
MES-SRT940	4.59E-07	1.85E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.41E-08	3.50E-14	8.90E-13	1.65E-11	0.00E+00	6.19E-11	0.00E+00	0.00E+00	3.86E-10	6.94E-12	9.75E-10	0.00E+00	1.93E-12	1.31E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.65E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.33E-11
MES-SRT942	4.58E-07	1.85E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.41E-08	3.50E-14	8.90E-13	1.65E-11	0.00E+00	6.19E-11	0.00E+00	0.00E+00	3.86E-10	6.94E-12	9.75E-10	0.00E+00	1.93E-12	1.32E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.65E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.33E-11
MES-SRT944	4.58E-07	1.85E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.41E-08	3.50E-14	8.90E-13	1.65E-11	0.00E+00	6.19E-11	0.00E+00	0.00E+00	3.86E-10	6.94E-12	9.75E-10	0.00E+00	1.93E-12	1.32E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.65E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.33E-11
MES-SRTB27	1.25E-08	9.36E-10	1.06E-09	1.21E-10	0.00E+00	0.00E+00	7.15E-09	1.80E-14	4.54E-13	8.39E-12	0.00E+00	3.15E-11	0.00E+00	0.00E+00	1.96E-10	3.53E-12	4.96E-10	0.00E+00	9.86E-13	6.69E-10	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.45E-12	6.30E-14	1.67E-09	0.00E+00	1.18E-08	0.00E+00	1.18E-08	1.35E-08	1.67E-09	0.00E+00	0.00E+00	0.00E+00	4.23E-11
MES-SRTB39	1.23E-08	9.36E-10	1.06E-09	1.21E-10	0.00E+00	0.00E+00	7.15E-09	1.80E-14	4.54E-13	8.39E-12	0.00E+00	3.15E-11	0.00E+00	0.00E+00	1.96E-10	3.53E-12	4.96E-10	0.00E+00	9.86E-13	6.69E-10	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.45E-12	6.30E-14	1.67E-09	0.00E+00	1.18E-08	0.00E+00	1.18E-08	1.35E-08	1.67E-09	0.00E+00	0.00E+00	0.00E+00	4.23E-11
MES-SRTBA39	5.12E-07	3.34E-05	8.03E-05	1.14E-04	0.00E+00	0.00E+00	4.61E-03	2.17E-09	3.81E-07	1.81E-06	0.00E+00	7.45E-06	3.82E-11	8.99E-13	2.34E-05	9.23E-07	8.74E-05	2.17E-06	3.17E-07	8.78E-05	1.71E-03	0.00E+00	3.35E-12	2.58E-12	4.44E-07	1.40E-09	1.88E-04	0.00E+00	1.71E-03	1.53E-12	1.71E-03	1.90E-03	1.88E-04	0.00E+00	0.00E+00	0.00E+00	1.36E-05
MES-SRTV112	1.36E-06	8.84E-05	2.12E-04	3.01E-04	0.00E+00	0.00E+00	1.22E-02	5.74E-09	1.01E-06	4.78E-06	0.00E+00	1.97E-05	1.01E-10	2.38E-12	6.19E-05	2.44E-06	2.31E-04	5.74E-06	8.38E-07	2.32E-04	4.52E-03	0.00E+00	8.85E-12	6.83E-12	1.18E-06	3.70E-09	4.99E-04	0.00E+00	4.52E-03	4.05E-12	4.52E-03	5.02E-03	4.99E-04	0.00E+00	0.00E+00	0.00E+00	3.60E-05
MES-SRTV115	1.21E-05	7.87E-05	1.89E-04	2.68E-04	0.00E+00	0.00E+00	1.09E-02	5.11E-09	8.97E-07	4.26E-06	0.00E+00	1.76E-05	8.99E-11	2.12E-12	5.51E-05	2.18E-06	2.06E-04	5.11E-06	7.46E-07	2.07E-04	4.03E-03	0.00E+00	7.89E-12	6.08E-12	1.05E-06	3.29E-09	4.44E-04	0.00E+00	4.03E-03	3.60E-12	4.03E-03	4.47E-03	4.44E-04	0.00E+00	0.00E+00	0.00E+00	3.21E-05
MES-SRTV118	1.48E-06	9.62E-05	2.31E-04	3.27E-04	0.00E+00	0.00E+00	1.33E-02	6.25E-09	1.10E-06	5.21E-06	0.00E+00	2.15E-05	1.10E-10	2.59E-12	6.74E-05	2.66E-06	2.52E-04	6.25E-06	9.12E-07	2.53E-04	4.92E-03	0.00E+00	9.64E-12	7.44E-12	1.28E-06	4.02E-09	5.43E-04	0.00E+00	4.92E-03	4.40E-12	4.92E-03	5.46E-03	5.43E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-05
MES-SRTV121	1.24E-06	8.11E-05	1.95E-04	2.76E-04	0.00E+00	0.00E+00	1.12E-02	5.27E-09	9.24E-07	4.39E-06	0.00E+00	1.81E-05	9.26E-11	2.18E-12	5.68E-05	2.24E-06	2.12E-04	5.27E-06	7.69E-07	2.13E-04	4.15E-03	0.00E+00	8.12E-12	6.27E-12	1.08E-06	3.39E-09	4.58E-04	0.00E+00	4.15E-03	3.71E-12	4.15E-03	4.61E-03	4.58E-04	0.00E+00	0.00E+00	0.00E+00	3.30E-05
MES-SRTV128	1.67E-06	1.09E-04	2.63E-04	3.72E-04	0.00E+00	0.00E+00	1.51E-02	7.09E-09	1.24E-06	5.91E-06	0.00E+00	2.44E-05	1.25E-10	2.94E-12	7.65E-05	3.02E-06	2.86E-04	7.10E-06	1.04E-06	2.87E-04	5.59E-03	0.00E+00	1.09E-11	8.44E-12	1.45E-06	4.57E-09	6.16E-04	0.00E+00	5.59E-03	5.00E-12	5.59E-03	6.20E-03	6.16E-04	0.00E+00	0.00E+00	0.00E+00	4.45E-05
MES-SRTV131	1.30E-06	8.51E-05	2.04E-04	2.90E-04	0.00E+00	0.00E+00	1.17E-02	5.52E-09	9.66E-07	4.60E-06	0.00E+00	1.90E-05	9.72E-11	2.29E-12	5.96E-05	2.35E-06	2.23E-04	5.53E-06	8.06E-07	2.23E-04	4.35E-03	0.00E+00	8.52E-12	6.57E-12	1.13E-06	3.56E-09	4.80E-04	0.00E+00	4.35E-03	3.90E-12	4.35E-03	4.83E-03	4.80E-04	0.00E+00	0.00E+00	0.00E+00	3.47E-05
MES-SRTV135	1.81E-06	1.18E-04	2.84E-04	4.03E-04	0.00E+00	0.00E+00	1.63E-02	7.69E-09	1.35E-06	6.40E-06	0.00E+00	2.64E-05	1.35E-10	3.19E-12	8.29E-05	3.27E-06	3.10E-04	7.69E-06	1.12E-06	3.11E-04	6.05E-03	0.00E+00	1.19E-11	9.15E-12	1.57E-06	4.95E-09	6.68E-04	0.00E+00	6.05E-03	5.42E-12	6.05E-03	6.72E-03	6.68E-04	0.00E+00	0.00E+00	0.00E+00	4.82E-05
MES-SRTV142	1.95E-06	1.27E-04	3.06E-04	4.34E-04	0.00E+00	0.00E+00	1.76E-02	8.28E-09	1.45E-06	6.90E-06	0.00E+00	2.84E-05	1.46E-10	3.43E-12	8.93E-05	3.52E-06	3.33E-04	8.28E-06	1.21E-06	3.35E-04	6.52E-03	0.00E+00	1.28E-11	9.85E-12	1.70E-06	5.33E-09	7.19E-04	0.00E+00	6.52E-03	5.84E-12	6.52E-03	7.24E-03	7.19E-04	0.00E+00	0.00E+00	0.00E+00	5.19E-05
MES-SRTV144	1.99E-06	1.30E-04	3.13E-04	4.43E-04	0.00E+00	0.00E+00	1.80E-02	8.45E-09	1.48E-06	7.04E-06	0.00E+00	2.90E-05	1.49E-10	3.50E-12	9.11E-05	3.59E-06	3.40E-04	8.45E-06	1.23E-06	3.42E-04	6.65E-03	0.00E+00	1.30E-11	1.01E-11	1.73E-06	5.44E-09	7.34E-04	0.00E+00	6.65E-03	5.96E-12	6.65E-03	7.39E-03	7.34E-04	0.00E+00	0.00E+00	0.00E+00	5.30E-05
MES-SRTV812	1.27E-06	8.29E-05	1.99E-04	2.82E-04	0.00E+00	0.00E+00	1.14E-02	5.38E-09	9.44E-07	4.48E-06	0.00E+00	1.85E-05	9.47E-11	2.23E-12	5.80E-05	2.29E-06	2.17E-04	5.38E-06	7.85E-07	2.18E-04	4.24E-03	0.00E+00	8.30E-12	6.40E-12	1.10E-06	3.47E-09	4.68E-04	0.00E+00	4.24E-03	3.79E-12	4.24E-03	4.71E-03	4.68E-04	0.00E+00	0.00E+00	0.00E+00	3.38E-05
MES-SRTV815	1.12E-06	7.32E-05	1.76E-04	2.49E-04	0.00E+00	0.00E+00	1.01E-02	4.75E-09	8.34E-07	3.96E-06	0.00E+00	1.63E-05	8.36E-11	1.97E-12	5.13E-05	2.02E-06	1.91E-04	4.75E-06	6.94E-07	1.92E-04	3.74E-03	0.00E+00	7.33E-12	5.66E-12	9.74E-07	3.06E-09	4.13E-04	0.00E+00	3.74E-03	3.35E-12	3.74E-03	4.16E-03	4.13E-04	0.00E+00	0.00E+00	0.00E+00	2.98E-05
MES-SRTV818	1.39E-06	9.07E-05	2

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M-MBO9090	1.28E-07	2.42E-10	2.73E-10	3.11E-11	0.00E+00	0.00E+00	1.84E-09	5.00E-15	1.17E-13	2.16E-12	0.00E+00	8.12E-12	0.00E+00	0.00E+00	5.06E-11	9.10E-13	1.28E-10	0.00E+00	2.54E-13	1.72E-10	3.04E-09	0.00E+00	0.00E+00	0.00E+00	3.74E-13	1.68E-14	4.32E-10	0.00E+00	3.04E-09	0.00E+00	3.04E-09	3.47E-09	4.32E-10	0.00E+00	0.00E+00	0.00E+00	1.09E-11
M-MD100100	9.31E-09	5.88E-11	6.63E-11	7.58E-12	0.00E+00	0.00E+00	4.49E-10	1.00E-15	2.80E-14	5.27E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.23E-11	2.22E-13	3.11E-11	0.00E+00	6.20E-14	4.20E-11	7.41E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.09E-15	1.05E-10	0.00E+00	7.41E-10	0.00E+00	7.41E-10	8.46E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.66E-12
M-MD10030	6.41E-09	6.01E-11	6.79E-11	7.73E-12	0.00E+00	0.00E+00	4.58E-10	1.00E-15	2.90E-14	5.37E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.26E-13	3.18E-11	0.00E+00	6.30E-14	4.28E-11	7.56E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.56E-10	0.00E+00	7.56E-10	8.63E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-12
M-MD10040	7.07E-09	5.99E-11	6.76E-11	7.70E-12	0.00E+00	0.00E+00	4.56E-10	1.00E-15	2.90E-14	5.35E-13	0.00E+00	2.01E-12	0.00E+00	0.00E+00	1.25E-11	2.25E-13	3.16E-11	0.00E+00	6.30E-14	4.26E-11	7.52E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.07E-10	0.00E+00	7.52E-10	0.00E+00	7.52E-10	8.58E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.70E-12
M-MD10050	8.67E-09	5.91E-11	6.67E-11	7.60E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.43E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.43E-10	0.00E+00	7.43E-10	8.48E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
M-MD10060	6.84E-09	6.00E-11	6.77E-11	7.71E-12	0.00E+00	0.00E+00	4.57E-10	1.00E-15	2.90E-14	5.36E-13	0.00E+00	2.01E-12	0.00E+00	0.00E+00	1.25E-11	2.26E-13	3.17E-11	0.00E+00	6.30E-14	4.27E-11	7.54E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.54E-10	0.00E+00	7.54E-10	8.61E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-12
M-MD10080	9.82E-09	5.87E-11	6.62E-11	7.54E-12	0.00E+00	0.00E+00	4.47E-10	1.00E-15	2.80E-14	5.24E-13	0.00E+00	1.97E-12	0.00E+00	0.00E+00	1.23E-11	2.21E-13	3.10E-11	0.00E+00	6.20E-14	4.18E-11	7.37E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.37E-10	0.00E+00	7.37E-10	8.42E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.65E-12
M-MD10090	1.15E-08	5.80E-11	6.54E-11	7.45E-12	0.00E+00	0.00E+00	4.41E-10	1.00E-15	2.80E-14	5.18E-13	0.00E+00	1.94E-12	0.00E+00	0.00E+00	1.21E-11	2.18E-13	3.06E-11	0.00E+00	6.10E-14	4.13E-11	7.28E-10	0.00E+00	0.00E+00	0.00E+00	8.90E-14	4.00E-15	1.03E-10	0.00E+00	7.28E-10	0.00E+00	7.28E-10	8.32E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	2.61E-12
M-MD110100	1.40E-08	5.76E-11	6.43E-11	7.33E-12	0.00E+00	0.00E+00	4.34E-10	1.00E-15	2.80E-14	5.09E-13	0.00E+00	1.91E-12	0.00E+00	0.00E+00	1.19E-11	2.14E-13	3.01E-11	0.00E+00	6.00E-14	4.06E-11	7.17E-10	0.00E+00	0.00E+00	0.00E+00	8.80E-14	4.00E-15	1.02E-10	0.00E+00	7.17E-10	0.00E+00	7.17E-10	8.18E-10	1.02E-10	0.00E+00	0.00E+00	0.00E+00	2.57E-12
M-MD11030	7.87E-09	5.95E-11	6.72E-11	7.65E-12	0.00E+00	0.00E+00	4.53E-10	1.00E-15	2.90E-14	5.32E-13	0.00E+00	2.00E-12	0.00E+00	0.00E+00	1.24E-11	2.24E-13	3.14E-11	0.00E+00	6.30E-14	4.24E-11	7.48E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.48E-10	0.00E+00	7.48E-10	8.54E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.69E-12
M-MD11040	9.29E-09	5.89E-11	6.65E-11	7.58E-12	0.00E+00	0.00E+00	4.49E-10	1.00E-15	2.80E-14	5.26E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.23E-11	2.22E-13	3.11E-11	0.00E+00	6.20E-14	4.20E-11	7.41E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.41E-10	0.00E+00	7.41E-10	8.46E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.66E-12
M-MD11050	1.06E-08	5.83E-11	6.58E-11	7.50E-12	0.00E+00	0.00E+00	4.44E-10	1.00E-15	2.80E-14	5.21E-13	0.00E+00	1.95E-12	0.00E+00	0.00E+00	1.22E-11	2.19E-13	3.08E-11	0.00E+00	6.10E-14	4.15E-11	7.33E-10	0.00E+00	0.00E+00	0.00E+00	9.00E-14	4.00E-15	1.04E-10	0.00E+00	7.33E-10	0.00E+00	7.33E-10	8.37E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	2.63E-12
M-MD11060	1.22E-08	5.77E-11	6.51E-11	7.42E-12	0.00E+00	0.00E+00	4.39E-10	1.00E-15	2.80E-14	5.15E-13	0.00E+00	1.94E-12	0.00E+00	0.00E+00	1.21E-11	2.17E-13	3.05E-11	0.00E+00	6.10E-14	4.11E-11	7.25E-10	0.00E+00	0.00E+00	0.00E+00	8.90E-14	4.00E-15	1.03E-10	0.00E+00	7.25E-10	0.00E+00	7.25E-10	8.28E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	2.60E-12
M-MD11080	1.42E-08	5.69E-11	6.42E-11	7.31E-12	0.00E+00	0.00E+00	4.33E-10	1.00E-15	2.70E-14	5.08E-13	0.00E+00	1.91E-12	0.00E+00	0.00E+00	1.19E-11	2.14E-13	3.00E-11	0.00E+00	6.00E-14	4.05E-11	7.15E-10	0.00E+00	0.00E+00	0.00E+00	8.80E-14	4.00E-15	1.01E-10	0.00E+00	7.15E-10	0.00E+00	7.15E-10	8.16E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	2.57E-12
M-MD11090	1.41E-08	5.70E-11	6.43E-11	7.32E-12	0.00E+00	0.00E+00	4.34E-10	1.00E-15	2.80E-14	5.09E-13	0.00E+00	1.91E-12	0.00E+00	0.00E+00	1.19E-11	2.14E-13	3.01E-11	0.00E+00	6.00E-14	4.06E-11	7.16E-10	0.00E+00	0.00E+00	0.00E+00	8.80E-14	4.00E-15	1.02E-10	0.00E+00	7.16E-10	0.00E+00	7.16E-10	8.18E-10	1.02E-10	0.00E+00	0.00E+00	0.00E+00	2.57E-12
M-MD120100	1.22E-09	6.23E-11	7.03E-11	8.01E-12	0.00E+00	0.00E+00	4.75E-10	1.00E-15	3.00E-14	5.57E-13	0.00E+00	2.09E-12	0.00E+00	0.00E+00	1.30E-11	2.34E-13	3.29E-11	0.00E+00	6.50E-14	4.44E-11	7.83E-10	0.00E+00	0.00E+00	0.00E+00	9.60E-14	4.00E-15	1.11E-10	0.00E+00	7.83E-10	0.00E+00	7.83E-10	8.95E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	2.81E-12
M-MD12030	9.23E-09	5.89E-11	6.65E-11	7.58E-12	0.00E+00	0.00E+00	4.49E-10	1.00E-15	2.80E-14	5.27E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.23E-11	2.22E-13	3.11E-11	0.00E+00	6.20E-14	4.20E-11	7.41E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.41E-10	0.00E+00	7.41E-10	8.46E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.66E-12
M-MD12040	9.07E-09	5.90E-11	6.66E-11	7.59E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.27E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.23E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.20E-11	7.42E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.42E-10	0.00E+00	7.42E-10	8.47E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.66E-12
M-MD12050	1.17E-08	5.79E-11	6.53E-11	7.44E-12	0.00E+00	0.00E+00	4.41E-10	1.00E-15	2.80E-14	5.17E-13	0.00E+00	1.94E-12	0.00E+00	0.00E+00	1.21E-11	2.18E-13	3.06E-11	0.00E+00	6.10E-14	4.12E-11	7.27E-10	0.00E+00	0.00E+00	0.00E+00	8.90E-14	4.00E-15	1.03E-10	0.00E+00	7.27E-10	0.00E+00	7.27E-10	8.31E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	2.61E-12
M-MD12060	1.17E-08	5.79E-11	6.54E-11	7.45E-12	0.00E+00	0.00E+00	4.41E-10	1.00E-15	2.80E-14	5.17E-13	0.00E+00	1.94E-12	0.00E+00	0.00E+00	1.21E-11	2.18E-13	3.06E-11	0.00E+00	6.10E-14	4.13E-11	7.28E-10	0.00E+00	0.00E+00	0.00E+00	8.90E-14	4.00E-15	1.03E-10	0.00E+00	7.28E-10	0.00E+00	7.28E-10	8.31E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	2.61E-12
M-MD12080	1.35E-08	5.72E-11	6.45E-11	7.35E-12	0.00E+00	0.00E+00	4.35E-10	1.00E-15	2.80E-14	5.11E-13	0.00E+00	1.92E-12	0.00E+00	0.00E+00	1.20E-11	2.15E-13	3.02E-11	0.00E+00	6.00E-14	4.07E-11	7.18E-10	0.00E+00	0.00E+00	0.00E+00	8.80E-14	4.00E-15	1.02E-10	0.00E+00	7.18E-10	0.00E+00	7.18E-10	8.20E-10	1.02E-10	0.00E+00	0.00E+00	0.00E+00	2.58E-12
M-MD12090	1.45E-08	5.68E-11	6.41E-11	7.30E-12	0.00E+00	0.00E+00	4.32E-10	1.00E-15	2.70E-14	5.07E-13	0.00E+00	1.90E-12	0.00E+00	0.00E+00	1.19E-11	2.14E-13	3.00E-11	0.00E+00	6.00E-14	4.05E-11	7.14E-10	0.00E+00	0.00E+00	0.00E+00	8.80E-14	4.00E-15	1.01E-10	0.00E+00	7.14E-10	0.00E+00	7.14E-10	8.15E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	2.56E-12
M-MD130100	1.47E-08	5.67E-11	6.40E-11	7.29E-12	0.00E+00	0.00E+00	4.32E-10	1.00E-15	2.70E-14	5.07E-13	0.00E+00	1.90E-12	0.00E+00	0.00E+00	1.19E-11	2.13E-13	3.00E-11	0.00E+00	6.00E-14	4.04E-11	7.13E-10	0.00E+00	0.00E+00	0.00E+00	8.80E-14	4.00E-15	1.01E-10	0.00E+00	7.13E-10	0.00E+00	7.13E-10	8.14E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	2.56E-12
M-MD13030	9.44E-09	5.89E-11	6.64E-11	7.57E-12	0.00E+00	0.00E+00	4.48E-10	1.00E-15	2.80E-14	5.26E-13	0.00E+00	1.97E-12	0.00E+00	0.00E+00	1.23E-11	2.21E-13	3.11E-11	0.00E+00	6.20E-14	4.19E-11	7.40E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.40E-10	0.00E+00	7.40E-10	8.45E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.66E-12
M-MD13040	9.20E-09	5.90E-11	6.66E-11	7.58E-12	0.00E+00	0.00E+00	4.49E-10	1.00E-15	2.80E-14	5.27E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.23E-11	2.22E-13	3.11E-11	0.00E+00	6.20E-14	4.20E-11	7.41E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.41E-10	0.00E+00	7.41E-10	8.46E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.66E-12
M-MD13050	1.20E-08	5.78E-11	6.52E-11	7.43E-12	0.00E+00	0.00E+00	4.40E-10	1.00E-15	2.80E-14	5.16E-13	0.00E+00	1.94E-12	0.00E+00	0.00E+00	1.21E-11	2.17E-13	3.05E-11	0.00E+00	6.10E-14	4.12E-11	7.26E-10	0.00E+00	0.00E+00	0.00E+00	8.90E-14	4.00E-15	1.03E-10	0.00E+00	7.26E-10	0.00E+00	7.26E-10	8.29E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	2.61E-12
M-MD13060	1.18E-08	5.78E-11	6.53E-11	7.44E-12	0.00E+00	0.00E+00	4.41E-10	1.00E-15	2.80E-14	5.17E-13	0.00E+00	1.94E-12	0.00E+00	0.00E+00	1.21E-11	2.18E-13	3.06E-11	0.00E+00	6.10E-14	4.12E-11	7.27E-10	0.00E+00	0.00E+00	0.00E+00	8.90E-14	4.00E-15	1.03E-10	0.00E+00	7.27E-10	0.00E+00	7.27E-10	8.30E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	2.61E-12
M-MD13080	1.37E-08	5.71E-11	6.44E-11	7.34E-12	0.00E+00	0.00E+00	4.35E-10	1.00E-15	2.80E-14	5.10E-13	0.00E+00	1.91E-12	0.00E+00	0.00E+00	1.19E-11	2.15E-13	3.01E-11	0.00E+00	6.00E-14	4.07E-11	7.17E-10	0.00E+00	0.00E+00	0.00E+00	8.80E-14	4.00E-15	1.02E-10	0.00E+00	7.17E-10	0.00E+00	7.17E-10	8.19E-10	1.02E-10	0.00E+00	0.00E+00	0.00E+00	2.57E-12
M-MD13090	1.49E-08	5.66E-11	6.39E-11	7.28E-12	0.00E+00	0.00E+00	4.31E-10	1.00E-15	2.70E-14	5.06E-13	0.00E+00	1.90E-12	0.00E+00	0.00E+00	1.18E-11	2.13E-13	2.99E-11	0.00E+00	5.90E-14	4.03E-11	7.12E-10	0.00E+00	0.00E+00	0.00E+00	8.70E-14	4.00E-15	1.01E-10	0.00E+00	7.12E-10	0.00E+00	7.12E-10	8.13E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	2.55E-12
M-MD135100	1.49E-08	5.67E-11	6.39E-11	7.29E-12	0.00E+00	0.00E+00	4.32E-10	1.00E-15	2.70E-14	5.06E-13	0.00E+00	1.90E-12	0.00E+00	0.00E+00	1.18E-11	2.13E-13	2.99E-11	0.00E+00	6.00E-14	4.04E-11	7.12E-10	0.00E+00	0.00E+00	0.00E+00	8.80E-14	4.00E-15	1.01E-10	0.00E+00	7.12E-10	0.00E+00	7.12E-10	8.13E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	2.56E-12
M-MD13530	8.03E-09	5.94E-11	6.71E-11	7.64E-12	0.00E+00	0.00E+00	4.53E-10	1.00E-15	2.90E-14	5.31E-13	0.00E+00	1.99E-12	0.00E+00	0.00E+00	1.24E-11	2.24E-13	3.14E-11	0.00E+00	6.20E-14	4.23E-11	7.47E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.47E-10	0.00E+00	7.47E-10	8.53E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.68E-12
M-MD13540	9.63E-09	5.88E-11	6.64E-11	7.56E-12	0.00E+00	0.00E+00	4.48E-10	1.00E-15	2.80E-14	5.25E-13	0.00E+00	1.97E-12	0.00E+00	0.00E+00	1.23E-11	2.21E-13	3.11E-11	0.00E+00	6.20E-14	4.19E-11	7.39E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.39E-10	0.00E+00	7.39E-10	8.44E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.65E-12
M-MD13550	1.09E-08	5.82E-11	6.57E-11	7.49E-12	0.00E+00	0.00E+00	4.43E-10	1.00E-15	2.80E-14	5.20E-13	0.00E+00	1.95E-12	0.00E+00	0.00E+00	1.22E-11	2.19E-13	3.07E-11	0.00E+00	6.10E-14	4.15E-11	7.32E-10	0.00E+00	0.00E+00	0.00E+00	9.00E-14	4.00E-15	1.04E-10	0.00E+00	7.32E-10	0.00E+00	7.32E-10	8.36E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	2.63E-12
M-MD13560	1.26E-08	5.75E-11	6.49E-11	7.40E-12	0.00E+00	0.00E+00	4.38E-10	1.00E-15	2.80E-14	5.14E-13	0.00E+00	1.93E-12	0.00E+00	0.00E+00	1.20E-11	2.16E-13	3.04E-11	0.00E+00	6.00E-14	4.10E-11	7.23E-10	0.00E+00	0.00E+00	0.00E+00	8.90E-14	4.00E-15	1.03E-10	0.00E+00	7.23E-10	0.00E+00	7.23E-10	8.26E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	2.60E-12
M-MD13580	1.48E-08	5.66E-11	6.39E-11	7.28E-12	0.00E+00	0.00E+00	4.31E-10	1.00E-15	2.70E-14	5.06E-13	0.00E+00	1.90E-12	0.00E+00	0.00E+00	1.18E-11	2.13E-13	2.99E-11	0.00E+00	5.90E-14	4.03E-11	7.11E-10	0.00E+00	0.00E+00	0.00E+00	8.70E-14	4.00E-15	1.01E-10	0.00E+00	7.11E-10	0.00E+00	7.11E-10	8.12E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	2.55E-12
M-MD13590	1.51E-08	5.65E-11	6.38E-11	7.27E-12	0.00E+00	0.00E+00	4.31E-10	1.00E-15	2.70E-14	5.05E-13	0.00E+00	1.90E-12	0.00E+00	0.00E+00	1.18E-11	2.13E-13	2.98E-11	0.00E+00	5.90E-14	4.03E-11	7.10E-10	0.00E+00	0.00E+00	0.00E+00	8.70E-14	4.00E-15	1.01E-10	0.00E+00	7.10E-10	0.00E+00	7.10E-10	8.11E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	2.55E-12
M-MD140100	1.61E-08	5.61E-11	6.33E-11	7.22E-12	0.00E+00	0.00E+00	4.27E-10	1.00E-15	2.70E-14	5.01E-13	0.00E+00	1.88E-12	0.00E+00	0.00E+00	1.17E-11	2.11E-13	2.96E-11	0.00E+00	5.90E-14	4.00E-11	7.05E-10	0.00E+00	0.00E+00	0.00E+00	8.70E-14	4.00E-15	1.00E-10	0.00E+00	7.05E-10	0.00E+00	7.05E-10	8.05E-10	1.00E-10	0.00E+00	0.00E+00	0.00E+00	2.53E-12
M-MD14030	1.07E-08	5.83E-11	6.58E-11	7.50E-12	0.00E+00	0.00E+00	4.44E-10	1.00E-15	2.80E-14	5.21E-13	0.00E+00	1.96E-12	0.00E+00	0.00E+00	1.22E-11	2.19E-13	3.08E-11	0.00E+00	6.10E-14	4.15E-11	7.33E-10	0.00E+00	0.00E+00	0.00E+00	9.00E-14	4.00E-15	1.04E-10	0.00E+00	7.33E-10	0.00E+00	7.33E-10	8.37E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	2.63E-12
M-MD14040	1.04E-08	5.84E-11	6.60E-11	7.51E-12	0.00E+00	0.00E+00	4.45E-10	1.00E-15	2.80E-14	5.22E-13	0.00E+00	1.96E-12	0.00E+00	0.00E+00	1.22E-11	2.20E-13	3.09E-11	0.00E+00	6.10E-14	4.16E-11	7.35E-10	0.00E+00	0.00E+00	0.00E+00	9.00E-14	4.00E-15	1.04E-10	0.00E+00	7.35E-10	0.00E+00	7.35E-10	8.39E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	2.64E-12
M-MD14050	1.13E-08	5.81E-11	6.56E-11	7.47E-12	0.00E+00	0.00E+00	4.43E-10	1.00E-15	2.80E-14	5.19E-13	0.00E+00	1.95E-12	0.00E+00	0.00E+00	1.22E-11	2.19E-13	3.07E-11	0.00E+00	6.10E-14	4.14E-11	7.30E-10	0.00E+00	0.00E+00	0.00E+00	9.00E-14	4.00E-15	1.04E-10	0.00E+00	7.30E-10	0.00E+00	7.30E-10	8.34E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	2.62E-12
M-MD14060	1.10E-08	5.82E-11	6.57E-11	7.49E-12	0.00E+00	0.00E+00	4.43E-10	1.00E-15	2.80E-14	5.20E-13	0.00E+00	1.95E-12	0.00E+00	0.00E+00	1.22E-11	2.19E-13	3.08E-11	0.00E+00	6.10E-14	4.15E-11	7.32E-10	0.00E+00	0.00E+00	0.00E+00	9.00E-14	4.00E-15	1.04E-10	0.00E+00	7.32E-10	0.00E+00	7.32E-10	8.36E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	2.63E-12
M-MD14080	1.30E-08	5.74E-11	6.48E-11	7.38E-12	0.00E+00	0.00E+00	4.37E-10	1.00E-15	2.80E-14	5.13E-13	0.00E+00	1.93E-12	0.00E+00	0.00E+00	1.20E-11	2.16E-13	3.03E-11	0.00E+00	6.00E-14	4.09E-11	7.22E-10	0.00E+00	0.00E+00	0.00E+00	8.90E-14	4.00E-15	1.02E-10	0.00E+00	7.22E-10	0.00E+00	7.22E-10	8.24E-10	1.02E-10	0.00E+00	0.00E+00	0.00E+00	2.59E-12
M-MD14090	1.64E-08	5.60E-11	6.32E-11	7.20E-12	0.00E+00	0.00E+00	4.26E-10	1.00E-15	2.70E-14	5.00E-13	0.00E+00	1.88E-12	0.00E+00	0.00E+00	1.17E-11	2.10E-13	2.96E-11	0.00E+00	5.90E-14	3.99E-11	7.03E-10	0.00E+00	0.00E+00	0.00E+00	8.60E-14	4.00E-15	9.98E-11	0.00E+00	7.03E-10	0.00E+00	7.03E-10	8.03E-10	9.98E-11	0.00E+00	0.00E+00	0.00E+00	2.52E-12
M-MD150100	1.69E-09	6.21E-11	7.01E-11	7.98E-12	0.00E+00	0.00E+00	4.73E-10	1.00E-15	3.00E-14	5.55E-13	0.00E+00	2.08E-12	0.00E+00	0.00E+00	1.30E-11	2.33E-13	3.28E-11	0.00E+00	6.50E-14	4.42E-11	7.80E-10	0.00E+00	0.00E+00	0.00E+00	9.60E-14	4.00E-15	1.11E-10	0.00E+00	7.80E-10	0.00E+00	7.80E-10	8.91E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	2.80E-12
M-MD15030	2.03E-08	5.43E-11	6.13E-11	6.98E-12	0.00E+00	0.00E+00	4.13E-10	1.00E-15	2.60E-14	4.85E-13	0.00E+00	1.82E-12	0.00E+00	0.00E+00	1.14E-11	2.04E-13	2.87E-11	0.00E+00	5.70E-14	3.87E-11	6.82E-10	0.00E+00	0.00E+00	0.00E+00	8.40E-14	4.00E-15	9.68E-11	0.00E+00	6.82E-10	0.00E+00	6.82E-10	7.79E-10	9.68E-11	0.00E+00	0.00E+00	0.00E+00	2.45E-12
M-MD15040	1.05E-08	5.84E-11	6.59E-11	7.51E-12	0.00E+00	0.00E+00	4.45E-10	1.00E-15	2.80E-14	5.22E-13	0.00E+00	1.96E-12	0.00E+00	0.00E+00	1.22E-11	2.20E-13	3.08E-11	0.00E+00	6.10E-14	4.16E-11	7.34E-10	0.00E+00	0.00E+00	0.00E+00	9.00E-14	4.00E-15	1.04E-10	0.00E+00	7.34E-10	0.00E+00	7.34E-10	8.38E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	2.63E-12
M-MD15050	1.15E-08	5.80E-11	6.55E-11	7.46E-12	0.00E+00	0.00E+00	4.42E-10	1.00E-15	2.80E-14

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M-R1358018S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R1358020	8.72E-09	7.40E-11	8.33E-11	9.51E-12	0.00E+00	0.00E+00	5.83E-10	1.00E-15	3.60E-14	6.61E-13	0.00E+00	2.48E-12	0.00E+00	0.00E+00	1.55E-11	2.78E-13	3.91E-11	0.00E+00	7.80E-14	5.27E-11	9.30E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-13	5.00E-15	1.32E-10	0.00E+00	9.30E-10	0.00E+00	9.30E-10	1.06E-09	1.32E-10	0.00E+00	0.00E+00	0.00E+00	3.34E-12
M-R1358020S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R1358022	1.07E-08	7.31E-11	8.26E-11	9.41E-12	0.00E+00	0.00E+00	5.57E-10	1.00E-15	3.50E-14	6.53E-13	0.00E+00	2.45E-12	0.00E+00	0.00E+00	1.53E-11	2.75E-13	3.86E-11	0.00E+00	7.70E-14	5.21E-11	9.19E-10	0.00E+00	0.00E+00	0.00E+00	1.13E-13	5.00E-15	1.30E-10	0.00E+00	9.19E-10	0.00E+00	9.19E-10	1.05E-09	1.30E-10	0.00E+00	0.00E+00	0.00E+00	3.30E-12
M-R1358022S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R1403018	4.21E-09	7.59E-11	8.56E-11	9.77E-12	0.00E+00	0.00E+00	5.78E-10	1.00E-15	3.70E-14	6.78E-13	0.00E+00	2.54E-12	0.00E+00	0.00E+00	1.59E-11	2.85E-13	4.01E-11	0.00E+00	8.00E-14	5.40E-11	9.53E-10	0.00E+00	0.00E+00	0.00E+00	1.17E-13	5.00E-15	1.35E-10	0.00E+00	9.53E-10	0.00E+00	9.53E-10	1.09E-09	1.35E-10	0.00E+00	0.00E+00	0.00E+00	3.42E-12
M-R1403018S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R1403020	6.21E-09	7.50E-11	8.47E-11	9.65E-12	0.00E+00	0.00E+00	5.71E-10	1.00E-15	3.60E-14	6.70E-13	0.00E+00	2.52E-12	0.00E+00	0.00E+00	1.57E-11	2.82E-13	3.96E-11	0.00E+00	7.90E-14	5.34E-11	9.43E-10	0.00E+00	0.00E+00	0.00E+00	1.16E-13	5.00E-15	1.34E-10	0.00E+00	9.43E-10	0.00E+00	9.43E-10	1.08E-09	1.34E-10	0.00E+00	0.00E+00	0.00E+00	3.38E-12
M-R1403020S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R1403022	8.21E-09	7.42E-11	8.37E-11	9.54E-12	0.00E+00	0.00E+00	5.65E-10	1.00E-15	3.60E-14	6.63E-13	0.00E+00	2.49E-12	0.00E+00	0.00E+00	1.55E-11	2.79E-13	3.92E-11	0.00E+00	7.80E-14	5.29E-11	9.32E-10	0.00E+00	0.00E+00	0.00E+00	1.15E-13	5.00E-15	1.32E-10	0.00E+00	9.32E-10	0.00E+00	9.32E-10	1.06E-09	1.32E-10	0.00E+00	0.00E+00	0.00E+00	3.35E-12
M-R1403022S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R1404018	5.24E-09	7.54E-11	8.51E-11	9.70E-12	0.00E+00	0.00E+00	5.74E-10	1.00E-15	3.70E-14	6.74E-13	0.00E+00	2.53E-12	0.00E+00	0.00E+00	1.58E-11	2.84E-13	3.98E-11	0.00E+00	7.90E-14	5.37E-11	9.48E-10	0.00E+00	0.00E+00	0.00E+00	1.16E-13	5.00E-15	1.35E-10	0.00E+00	9.48E-10	0.00E+00	9.48E-10	1.08E-09	1.35E-10	0.00E+00	0.00E+00	0.00E+00	3.40E-12
M-R1404018S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R1404020	7.23E-09	7.46E-11	8.42E-11	9.59E-12	0.00E+00	0.00E+00	5.68E-10	1.00E-15	3.60E-14	6.66E-13	0.00E+00	2.50E-12	0.00E+00	0.00E+00	1.56E-11	2.81E-13	3.94E-11	0.00E+00	7.80E-14	5.31E-11	9.38E-10	0.00E+00	0.00E+00	0.00E+00	1.15E-13	5.00E-15	1.33E-10	0.00E+00	9.38E-10	0.00E+00	9.38E-10	1.07E-09	1.33E-10	0.00E+00	0.00E+00	0.00E+00	3.37E-12
M-R1404020L	1.68E-06	7.47E-04	1.41E-04	6.07E-04	0.00E+00	0.00E+00	8.74E-03	8.31E-09	8.04E-07	5.00E-06	0.00E+00	1.48E-05	6.68E-11	1.95E-12	9.03E-05	1.62E-06	4.98E-05	0.00E+00	1.05E-06	2.48E-04	5.75E-03	0.00E+00	7.77E-12	1.01E-11	1.17E-06	2.98E-08	7.67E-04	0.00E+00	5.75E-03	1.41E-11	5.75E-03	6.52E-03	7.67E-04	0.00E+00	0.00E+00	0.00E+00	4.52E-05
M-R1404020S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R1404022	9.23E-09	7.38E-11	8.33E-11	9.49E-12	0.00E+00	0.00E+00	5.62E-10	1.00E-15	3.60E-14	6.59E-13	0.00E+00	2.47E-12	0.00E+00	0.00E+00	1.54E-11	2.77E-13	3.90E-11	0.00E+00	7.70E-14	5.23E-11	9.27E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-13	5.00E-15	1.32E-10	0.00E+00	9.27E-10	0.00E+00	9.27E-10	1.06E-09	1.32E-10	0.00E+00	0.00E+00	0.00E+00	3.33E-12
M-R1404022S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R1405018	6.21E-09	7.50E-11	8.47E-11	9.65E-12	0.00E+00	0.00E+00	5.71E-10	1.00E-15	3.60E-14	6.70E-13	0.00E+00	2.52E-12	0.00E+00	0.00E+00	1.57E-11	2.82E-13	3.96E-11	0.00E+00	7.90E-14	5.34E-11	9.43E-10	0.00E+00	0.00E+00	0.00E+00	1.16E-13	5.00E-15	1.34E-10	0.00E+00	9.43E-10	0.00E+00	9.43E-10	1.08E-09	1.34E-10	0.00E+00	0.00E+00	0.00E+00	3.38E-12
M-R1405018S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R1405020	8.21E-09	7.42E-11	8.37E-11	9.54E-12	0.00E+00	0.00E+00	5.65E-10	1.00E-15	3.60E-14	6.63E-13	0.00E+00	2.49E-12	0.00E+00	0.00E+00	1.55E-11	2.79E-13	3.92E-11	0.00E+00	7.80E-14	5.29E-11	9.32E-10	0.00E+00	0.00E+00	0.00E+00	1.15E-13	5.00E-15	1.32E-10	0.00E+00	9.32E-10	0.00E+00	9.32E-10	1.06E-09	1.32E-10	0.00E+00	0.00E+00	0.00E+00	3.35E-12
M-R1405020S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R1405022	1.02E-08	7.34E-11	8.28E-11	9.43E-12	0.00E+00	0.00E+00	5.59E-10	1.00E-15	3.60E-14	6.58E-13	0.00E+00	2.46E-12	0.00E+00	0.00E+00	1.53E-11	2.76E-13	3.87E-11	0.00E+00	7.70E-14	5.23E-11	9.22E-10	0.00E+00	0.00E+00	0.00E+00	1.13E-13	5.00E-15	1.31E-10	0.00E+00	9.22E-10	0.00E+00	9.22E-10	1.05E-09	1.31E-10	0.00E+00	0.00E+00	0.00E+00	3.31E-12
M-R1405022S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R1406018	7.23E-09	7.46E-11	8.42E-11	9.59E-12	0.00E+00	0.00E+00	5.68E-10	1.00E-15	3.60E-14	6.66E-13	0.00E+00	2.50E-12	0.00E+00	0.00E+00	1.56E-11	2.81E-13	3.94E-11	0.00E+00	7.80E-14	5.31E-11	9.38E-10	0.00E+00	0.00E+00	0.00E+00	1.15E-13	5.00E-15	1.33E-10	0.00E+00	9.38E-10	0.00E+00	9.38E-10	1.07E-09	1.33E-10	0.00E+00	0.00E+00	0.00E+00	3.37E-12
M-R1406018S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R1406020	9.23E-09	7.38E-11	8.33E-11	9.49E-12	0.00E+00	0.00E+00	5.62E-10	1.00E-15	3.60E-14	6.59E-13	0.00E+00	2.47E-12	0.00E+00	0.00E+00	1.54E-11	2.77E-13	3.90E-11	0.00E+00	7.70E-14	5.23E-11	9.27E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-13	5.00E-15	1.32E-10	0.00E+00	9.27E-10	0.00E+00	9.27E-10	1.06E-09	1.32E-10	0.00E+00	0.00E+00	0.00E+00	3.33E-12
M-R1406020S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R1406022	1.12E-08	7.29E-11	8.23E-11	9.38E-12	0.00E+00	0.00E+00	5.55E-10	1.00E-15	3.50E-14	6.52E-13	0.00E+00	2.45E-12	0.00E+00	0.00E+00	1.53E-11	2.74E-13	3.85E-11	0.00E+00	7.70E-14	5.20E-11	9.17E-10	0.00E+00	0.00E+00	0.00E+00	1.13E-13	5.00E-15	1.30E-10	0.00E+00	9.17E-10	0.00E+00	9.17E-10	1.05E-09	1.30E-10	0.00E+00	0.00E+00	0.00E+00	3.29E-12
M-R1406022S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R1408018	9.23E-09	7.38E-11	8.33E-11	9.49E-12	0.00E+00	0.00E+00	5.62E-10	1.00E-15	3.60E-14	6.59E-13	0.00E+00	2.47E-12	0.00E+00	0.00E+00	1.54E-11	2.77E-13	3.90E-11	0.00E+00	7.70E-14	5.23E-11	9.27E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-13	5.00E-15	1.32E-10	0.00E+00	9.27E-10	0.00E+00	9.27E-10	1.06E-09	1.32E-10	0.00E+00	0.00E+00	0.00E+00	3.33E-12
M-R1408018S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R1408020	1.12E-08	7.29E-11	8.23E-11	9.38E-12	0.00E+00	0.00E+00	5.55E-10	1.00E-15	3.50E-14	6.52E-13	0.00E+00	2.45E-12	0.00E+00	0.00E+00	1.53E-11	2.74E-13	3.85E-11	0.00E+00	7.70E-14	5.20E-11	9.17E-10	0.00E+00	0.00E+00	0.00E+00	1.13E-13	5.00E-15	1.30E-10	0.00E+00	9.17E-10	0.00E+00	9.17E-10	1.05E-09	1.30E-10	0.00E+00	0.00E+00	0.00E+00	3.29E-12
M-R1408020S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R1408022	1.32E-08	7.21E-11	8.14E-11	9.27E-12	0.00E+00	0.00E+00	5.49E-10	1.00E-15	3.50E-14	6.44E-13	0.00E+00	2.42E-12	0.00E+00	0.00E+00	1.51E-11	2.71E-13	3.81E-11	0.00E+00	7.60E-14	5.14E-11	9.06E-10	0.00E+00	0.00E+00	0.00E+00	1.11E-13	5.00E-15	1.29E-10	0.00E+00	9.06E-10	0.00E+00	9.06E-10	1.03E-09	1.29E-10	0.00E+00	0.00E+00	0.00E+00	3.25E-12
M-R1408022S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R1503018	5.24E-09	7.54E-11	8.51E-11	9.70E-12	0.00E+00	0.00E+00	5.74E-10	1.00E-15	3.70E-14	6.74E-13	0.00E+00	2.53E-12	0.00E+00	0.00E+00	1.58E-11	2.84E-13	3.98E-11	0.00E+00	7.90E-14	5.37E-11	9.48E-10	0.00E+00	0.00E+00	0.00E+00	1.16E-13	5.00E-15	1.35E-10	0.00E+00	9.48E-10	0.00E+00	9.48E-10	1.08E-09	1.35E-10	0.00E+00	0.00E+00	0.00E+00	3.40E-12
M-R1503018S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R1503020	7.23E-09	7.46E-11	8.42E-11	9.59E-12	0.00E+00	0.00E+00	5.68E-10	1.00E-15	3.60E-14	6.66E-13	0.00E+00	2.50E-12	0.00E+00	0.00E+00	1.56E-11	2.81E-13	3.94E-11	0.00E+00	7.80E-14	5.31E-11	9.38E-10	0.00E+00	0.00E+00	0.00E+00	1.15E-13	5.00E-15	1.33E-10	0.00E+00	9.38E-10	0.00E+00	9.38E-10	1.07E-09	1.33E-10	0.00E+00	0.00E+00	0.00E+00	3.37E-12
M-R1503020S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R1503022	9.23E-09	7.38E-11	8.33E-11	9.49E-12	0.00E+00	0.00E+00	5.62E-10	1.00E-15	3.60E-14	6.59E-13	0.00E+00	2.47E-12	0.00E+00	0.00E+00	1.54E-11	2.77E-13	3.90E-11	0.00E+00	7.70E-14	5.23E-11	9.27E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-13	5.00E-15	1.32E-10	0.00E+00	9.27E-10	0.00E+00	9.27E-10	1.06E-09	1.32E-10	0.00E+00	0.00E+00	0.00E+00	3.33E-12
M-R1503022S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R1504018	6.26E-09	7.50E-11	8.46E-11	9.64E-12	0.00E+00	0.00E+00	5.71E-10	1.00E-15	3.60E-14	6.70E-13	0.00E+00	2.52E-12	0.00E+00	0.00E+00	1.57E-11	2.82E-13	3.96E-11	0.00E+00	7.90E-14	5.34E-11	9.43E-10	0.00E+00	0.00E+00	0.00E+00	1.16E-13	5.00E-15	1.34E-10	0.00E+00	9.43E-10	0.00E+00	9.43E-10	1.08E-09	1.34E-10	0.00E+00	0.00E+00	0.00E+00	3.38E-12
M-R1504018S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R1504020	8.26E-09	7.42E-11	8.37E-11	9.54E-12	0.00E+00	0.00E+00	5.65E-10	1.00E-15	3.60E-14	6.63E-13	0.00E+00	2.49E-12	0.00E+00	0.00E+00	1.55E-11	2.79E-13	3.92E-11	0.00E+00	7.80E-14	5.28E-11	9.32E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-13	5.00E-15	1.32E-10	0.00E+00	9.32E-10	0.00E+00	9.32E-10	1.06E-09	1.32E-10	0.00E+00	0.00E+00	0.00E+00	3.35E-12
M-R1504020L	1.68E-06	7.47E-04	1.41E-04	6.07E-04	0.00E+00	0.00E+00	8.74E-03	8.31E-09	8.04E-07	5.00E-06	0.00E+00	1.48E-05	6.68E-11	1.95E-12	9.03E-05	1.62E-06	4.98E-05	0.00E+00	1.05E-06	2.48E-04	5.75E-03	0.00E+00	7.77E-12	1.01E-11	1.17E-06	2.98E-08	7.67E-04	0.00E+00	5.75E-03	1.41E-11	5.75E-03	6.52E-03	7.67E-04	0.00E+00	0.00E+00	0.00E+00	4.52E-05
M-R1504020S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8

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M-R404022S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R405018	3.79E-09	7.92E-11	8.94E-11	1.02E-11	0.00E+00	0.00E+00	6.03E-10	2.00E-15	3.80E-14	7.07E-13	0.00E+00	2.86E-12	0.00E+00	0.00E+00	1.68E-11	2.98E-13	4.18E-11	0.00E+00	8.30E-14	5.64E-11	9.95E-10	0.00E+00	0.00E+00	0.00E+00	1.22E-13	5.00E-15	1.41E-10	0.00E+00	9.95E-10	0.00E+00	9.95E-10	1.14E-09	1.41E-10	0.00E+00	0.00E+00	0.00E+00	3.57E-12
M-R405018S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R405020	1.79E-09	7.83E-11	8.84E-11	1.01E-11	0.00E+00	0.00E+00	5.97E-10	1.00E-15	3.80E-14	7.00E-13	0.00E+00	2.83E-12	0.00E+00	0.00E+00	1.64E-11	2.95E-13	4.14E-11	0.00E+00	8.20E-14	5.58E-11	9.85E-10	0.00E+00	0.00E+00	0.00E+00	1.21E-13	5.00E-15	1.40E-10	0.00E+00	9.85E-10	0.00E+00	9.85E-10	1.12E-09	1.40E-10	0.00E+00	0.00E+00	0.00E+00	3.53E-12
M-R405020L	7.34E-09	7.41E-11	8.38E-11	9.52E-12	0.00E+00	0.00E+00	5.64E-10	1.00E-15	3.60E-14	6.62E-13	0.00E+00	2.48E-12	0.00E+00	0.00E+00	1.55E-11	2.79E-13	3.91E-11	0.00E+00	7.80E-14	5.28E-11	9.31E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-13	5.00E-15	1.32E-10	0.00E+00	9.31E-10	0.00E+00	9.31E-10	1.06E-09	1.32E-10	0.00E+00	0.00E+00	0.00E+00	3.34E-12
M-R405020S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R405022	2.11E-10	7.75E-11	8.75E-11	9.97E-12	0.00E+00	0.00E+00	5.90E-10	1.00E-15	3.70E-14	6.92E-13	0.00E+00	2.60E-12	0.00E+00	0.00E+00	1.62E-11	2.92E-13	4.09E-11	0.00E+00	8.20E-14	5.52E-11	9.74E-10	0.00E+00	0.00E+00	0.00E+00	1.20E-13	5.00E-15	1.38E-10	0.00E+00	9.74E-10	0.00E+00	9.74E-10	1.11E-09	1.38E-10	0.00E+00	0.00E+00	0.00E+00	3.50E-12
M-R405022S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R406018	2.79E-09	7.88E-11	8.89E-11	1.01E-11	0.00E+00	0.00E+00	6.00E-10	2.00E-15	3.80E-14	7.04E-13	0.00E+00	2.84E-12	0.00E+00	0.00E+00	1.65E-11	2.96E-13	4.16E-11	0.00E+00	8.30E-14	5.61E-11	9.90E-10	0.00E+00	0.00E+00	0.00E+00	1.22E-13	5.00E-15	1.40E-10	0.00E+00	9.90E-10	0.00E+00	9.90E-10	1.13E-09	1.40E-10	0.00E+00	0.00E+00	0.00E+00	3.55E-12
M-R406018S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R406020	7.60E-10	7.79E-11	8.79E-11	1.00E-11	0.00E+00	0.00E+00	5.93E-10	1.00E-15	3.80E-14	6.96E-13	0.00E+00	2.61E-12	0.00E+00	0.00E+00	1.63E-11	2.93E-13	4.12E-11	0.00E+00	8.20E-14	5.55E-11	9.79E-10	0.00E+00	0.00E+00	0.00E+00	1.20E-13	5.00E-15	1.39E-10	0.00E+00	9.79E-10	0.00E+00	9.79E-10	1.12E-09	1.39E-10	0.00E+00	0.00E+00	0.00E+00	3.51E-12
M-R406020L	8.16E-09	7.37E-11	8.32E-11	9.48E-12	0.00E+00	0.00E+00	5.62E-10	1.00E-15	3.60E-14	6.59E-13	0.00E+00	2.47E-12	0.00E+00	0.00E+00	1.54E-11	2.77E-13	3.89E-11	0.00E+00	7.76E-14	5.25E-11	9.27E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-13	5.00E-15	1.32E-10	0.00E+00	9.27E-10	0.00E+00	9.27E-10	1.06E-09	1.32E-10	0.00E+00	0.00E+00	0.00E+00	3.33E-12
M-R406020S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R406022	1.24E-09	7.71E-11	8.70E-11	9.91E-12	0.00E+00	0.00E+00	5.87E-10	1.00E-15	3.70E-14	6.89E-13	0.00E+00	2.59E-12	0.00E+00	0.00E+00	1.61E-11	2.90E-13	4.07E-11	0.00E+00	8.10E-14	5.49E-11	9.69E-10	0.00E+00	0.00E+00	0.00E+00	1.19E-13	5.00E-15	1.37E-10	0.00E+00	9.69E-10	0.00E+00	9.69E-10	1.11E-09	1.37E-10	0.00E+00	0.00E+00	0.00E+00	3.48E-12
M-R406022S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R408018	7.60E-10	7.79E-11	8.79E-11	1.00E-11	0.00E+00	0.00E+00	5.93E-10	1.00E-15	3.80E-14	6.96E-13	0.00E+00	2.61E-12	0.00E+00	0.00E+00	1.63E-11	2.93E-13	4.12E-11	0.00E+00	8.20E-14	5.55E-11	9.79E-10	0.00E+00	0.00E+00	0.00E+00	1.20E-13	5.00E-15	1.39E-10	0.00E+00	9.79E-10	0.00E+00	9.79E-10	1.12E-09	1.39E-10	0.00E+00	0.00E+00	0.00E+00	3.51E-12
M-R408018S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R408020	1.24E-09	7.71E-11	8.70E-11	9.91E-12	0.00E+00	0.00E+00	5.87E-10	1.00E-15	3.70E-14	6.89E-13	0.00E+00	2.59E-12	0.00E+00	0.00E+00	1.61E-11	2.90E-13	4.07E-11	0.00E+00	8.10E-14	5.49E-11	9.69E-10	0.00E+00	0.00E+00	0.00E+00	1.19E-13	5.00E-15	1.37E-10	0.00E+00	9.69E-10	0.00E+00	9.69E-10	1.11E-09	1.37E-10	0.00E+00	0.00E+00	0.00E+00	3.48E-12
M-R408020S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R408022	3.24E-09	7.83E-11	8.61E-11	9.81E-12	0.00E+00	0.00E+00	5.81E-10	1.00E-15	3.70E-14	6.81E-13	0.00E+00	2.56E-12	0.00E+00	0.00E+00	1.59E-11	2.87E-13	4.00E-11	0.00E+00	8.00E-14	5.43E-11	9.58E-10	0.00E+00	0.00E+00	0.00E+00	1.18E-13	5.00E-15	1.36E-10	0.00E+00	9.58E-10	0.00E+00	9.58E-10	1.09E-09	1.36E-10	0.00E+00	0.00E+00	0.00E+00	3.44E-12
M-R408022S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R503018	4.76E-09	7.96E-11	8.98E-11	1.02E-11	0.00E+00	0.00E+00	6.06E-10	2.00E-15	3.90E-14	7.11E-13	0.00E+00	2.87E-12	0.00E+00	0.00E+00	1.66E-11	2.99E-13	4.20E-11	0.00E+00	8.40E-14	5.67E-11	1.00E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-13	5.00E-15	1.42E-10	0.00E+00	1.00E-09	0.00E+00	1.00E-09	1.14E-09	1.42E-10	0.00E+00	0.00E+00	0.00E+00	3.59E-12
M-R503018S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R503020	2.76E-09	7.88E-11	8.89E-11	1.01E-11	0.00E+00	0.00E+00	6.00E-10	2.00E-15	3.80E-14	7.04E-13	0.00E+00	2.84E-12	0.00E+00	0.00E+00	1.65E-11	2.96E-13	4.16E-11	0.00E+00	8.30E-14	5.61E-11	9.90E-10	0.00E+00	0.00E+00	0.00E+00	1.22E-13	5.00E-15	1.40E-10	0.00E+00	9.90E-10	0.00E+00	9.90E-10	1.13E-09	1.40E-10	0.00E+00	0.00E+00	0.00E+00	3.55E-12
M-R503020L	5.98E-09	7.42E-11	8.37E-11	9.54E-12	0.00E+00	0.00E+00	5.65E-10	1.00E-15	3.60E-14	6.63E-13	0.00E+00	2.49E-12	0.00E+00	0.00E+00	1.55E-11	2.79E-13	3.92E-11	0.00E+00	7.80E-14	5.28E-11	9.32E-10	0.00E+00	0.00E+00	0.00E+00	1.15E-13	5.00E-15	1.32E-10	0.00E+00	9.32E-10	0.00E+00	9.32E-10	1.06E-09	1.32E-10	0.00E+00	0.00E+00	0.00E+00	3.35E-12
M-R503020S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R503022	7.60E-10	7.79E-11	8.79E-11	1.00E-11	0.00E+00	0.00E+00	5.93E-10	1.00E-15	3.80E-14	6.96E-13	0.00E+00	2.61E-12	0.00E+00	0.00E+00	1.63E-11	2.93E-13	4.12E-11	0.00E+00	8.20E-14	5.55E-11	9.79E-10	0.00E+00	0.00E+00	0.00E+00	1.20E-13	5.00E-15	1.39E-10	0.00E+00	9.79E-10	0.00E+00	9.79E-10	1.12E-09	1.39E-10	0.00E+00	0.00E+00	0.00E+00	3.51E-12
M-R503022S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R504018	3.73E-09	7.92E-11	8.93E-11	1.02E-11	0.00E+00	0.00E+00	6.03E-10	2.00E-15	3.80E-14	7.07E-13	0.00E+00	2.86E-12	0.00E+00	0.00E+00	1.68E-11	2.98E-13	4.18E-11	0.00E+00	8.30E-14	5.64E-11	9.95E-10	0.00E+00	0.00E+00	0.00E+00	1.22E-13	5.00E-15	1.41E-10	0.00E+00	9.95E-10	0.00E+00	9.95E-10	1.14E-09	1.41E-10	0.00E+00	0.00E+00	0.00E+00	3.57E-12
M-R504018S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R504020	1.73E-09	7.83E-11	8.84E-11	1.01E-11	0.00E+00	0.00E+00	5.97E-10	1.00E-15	3.80E-14	7.00E-13	0.00E+00	2.83E-12	0.00E+00	0.00E+00	1.64E-11	2.95E-13	4.14E-11	0.00E+00	8.20E-14	5.58E-11	9.84E-10	0.00E+00	0.00E+00	0.00E+00	1.21E-13	5.00E-15	1.40E-10	0.00E+00	9.84E-10	0.00E+00	9.84E-10	1.12E-09	1.40E-10	0.00E+00	0.00E+00	0.00E+00	3.53E-12
M-R504020L	1.68E-06	7.47E-04	1.41E-04	6.07E-04	0.00E+00	0.00E+00	8.74E-03	8.31E-09	8.04E-07	5.00E-06	0.00E+00	1.48E-05	6.68E-11	1.95E-12	9.03E-05	1.62E-06	4.98E-05	0.00E+00	1.05E-06	2.48E-04	5.75E-03	0.00E+00	7.77E-12	1.01E-11	1.17E-06	2.98E-08	7.67E-04	0.00E+00	5.75E-03	1.41E-11	5.75E-03	6.52E-03	7.67E-04	0.00E+00	0.00E+00	0.00E+00	4.52E-05
M-R504020S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R504022	2.68E-10	7.75E-11	8.75E-11	9.96E-12	0.00E+00	0.00E+00	5.90E-10	1.00E-15	3.70E-14	6.92E-13	0.00E+00	2.60E-12	0.00E+00	0.00E+00	1.62E-11	2.91E-13	4.09E-11	0.00E+00	8.20E-14	5.52E-11	9.74E-10	0.00E+00	0.00E+00	0.00E+00	1.20E-13	5.00E-15	1.38E-10	0.00E+00	9.74E-10	0.00E+00	9.74E-10	1.11E-09	1.38E-10	0.00E+00	0.00E+00	0.00E+00	3.50E-12
M-R504022S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R505018	2.76E-09	7.88E-11	8.89E-11	1.01E-11	0.00E+00	0.00E+00	6.00E-10	2.00E-15	3.80E-14	7.04E-13	0.00E+00	2.84E-12	0.00E+00	0.00E+00	1.65E-11	2.96E-13	4.16E-11	0.00E+00	8.30E-14	5.61E-11	9.90E-10	0.00E+00	0.00E+00	0.00E+00	1.22E-13	5.00E-15	1.40E-10	0.00E+00	9.90E-10	0.00E+00	9.90E-10	1.13E-09	1.40E-10	0.00E+00	0.00E+00	0.00E+00	3.55E-12
M-R505018S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R505020	7.60E-10	7.79E-11	8.79E-11	1.00E-11	0.00E+00	0.00E+00	5.93E-10	1.00E-15	3.80E-14	6.96E-13	0.00E+00	2.61E-12	0.00E+00	0.00E+00	1.63E-11	2.93E-13	4.12E-11	0.00E+00	8.20E-14	5.55E-11	9.79E-10	0.00E+00	0.00E+00	0.00E+00	1.20E-13	5.00E-15	1.39E-10	0.00E+00	9.79E-10	0.00E+00	9.79E-10	1.12E-09	1.39E-10	0.00E+00	0.00E+00	0.00E+00	3.51E-12
M-R505020L	7.47E-09	7.36E-11	8.31E-11	9.47E-12	0.00E+00	0.00E+00	5.61E-10	1.00E-15	3.60E-14	6.58E-13	0.00E+00	2.47E-12	0.00E+00	0.00E+00	1.54E-11	2.77E-13	3.89E-11	0.00E+00	7.70E-14	5.24E-11	9.25E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-13	5.00E-15	1.31E-10	0.00E+00	9.25E-10	0.00E+00	9.25E-10	1.06E-09	1.31E-10	0.00E+00	0.00E+00	0.00E+00	3.32E-12
M-R505020S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R505022	1.24E-09	7.71E-11	8.70E-11	9.91E-12	0.00E+00	0.00E+00	5.87E-10	1.00E-15	3.70E-14	6.89E-13	0.00E+00	2.59E-12	0.00E+00	0.00E+00	1.61E-11	2.90E-13	4.07E-11	0.00E+00	8.10E-14	5.49E-11	9.69E-10	0.00E+00	0.00E+00	0.00E+00	1.19E-13	5.00E-15	1.37E-10	0.00E+00	9.69E-10	0.00E+00	9.69E-10	1.11E-09	1.37E-10	0.00E+00	0.00E+00	0.00E+00	3.48E-12
M-R505022S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R506018	7.60E-10	7.79E-11	8.79E-11	1.00E-11	0.00E+00	0.00E+00	5.93E-10	1.00E-15	3.80E-14	6.96E-13	0.00E+00	2.61E-12	0.00E+00	0.00E+00	1.63E-11	2.93E-13	4.12E-11	0.00E+00	8.20E-14	5.55E-11	9.79E-10	0.00E+00	0.00E+00	0.00E+00	1.20E-13	5.00E-15	1.39E-10	0.00E+00	9.79E-10	0.00E+00	9.79E-10	1.12E-09	1.39E-10	0.00E+00	0.00E+00	0.00E+00	3.51E-12
M-R506018S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-R506020	2.68E-10	7.75E-11	8.73E-11	9.96E-12	0.00E+00	0.00E+00	5.90E-10	1.00E-15	3.70E-14	6.92E-13	0.00E+00	2.60E-12	0.00E+00	0.00E+00	1.62E-11	2.91E-13	4.09E-11	0.00E+00	8.20E-14	5.52E-11	9.74E-10	0.00E+00	0.00E+00	0.00E+00	1.20E-13	5.00E-15	1.38E-10	0.00E+00	9.74E-10	0.00E+00	9.74E-10	1.11E-09	1.38E-10	0.00E+00	0.00E+00	0.00E+00	3.50E-12
M-R506020L	8.46E-09	7.32E-11	8.26E-11	9.42E-12	0.00E+00	0.00E+00	5.58E-10	1.00E-15	3.50E-14	6.54E-13	0.00E+00	2.46E-12	0.00E+00	0.00E+00	1.53E-11	2.75E-13	3.87E-11	0.00E+00	7.70E-14	5.22E-11	9.20E-10	0.00E+00	0.00E+00	0.00E+00	1.13E-13	5.00E-15	1.31E-10	0.00E+00	9.20E-10	0.00E+00	9.20E-10	1.05E-09	1.31E-10	0.00E+00	0.00E+00	0.00E+00	3.30E-12
M-R506020S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09

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M-RG403018S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-RG403020	1.34E-09	7.71E-11	8.70E-11	9.92E-12	0.00E+00	0.00E+00	5.87E-10	1.00E-15	3.70E-14	6.89E-13	0.00E+00	2.59E-12	0.00E+00	0.00E+00	1.61E-11	2.90E-13	4.07E-11	0.00E+00	8.10E-14	5.49E-11	9.69E-10	0.00E+00	0.00E+00	0.00E+00	1.19E-13	5.00E-15	1.38E-10	0.00E+00	9.69E-10	0.00E+00	9.69E-10	1.11E-09	1.38E-10	0.00E+00	0.00E+00	0.00E+00	3.48E-12
M-RG403020S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-RG403022	3.47E-09	7.62E-11	8.60E-11	9.80E-12	0.00E+00	0.00E+00	5.81E-10	1.00E-15	3.70E-14	6.81E-13	0.00E+00	2.56E-12	0.00E+00	0.00E+00	1.59E-11	2.87E-13	4.03E-11	0.00E+00	8.00E-14	5.43E-11	9.58E-10	0.00E+00	0.00E+00	0.00E+00	1.18E-13	5.00E-15	1.36E-10	0.00E+00	9.58E-10	0.00E+00	9.58E-10	1.09E-09	1.36E-10	0.00E+00	0.00E+00	0.00E+00	3.44E-12
M-RG403022S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-RG404018	2.13E-09	7.86E-11	8.87E-11	1.01E-11	0.00E+00	0.00E+00	5.98E-10	2.00E-15	3.80E-14	7.02E-13	0.00E+00	2.64E-12	0.00E+00	0.00E+00	1.64E-11	2.95E-13	4.15E-11	0.00E+00	8.30E-14	5.60E-11	9.87E-10	0.00E+00	0.00E+00	0.00E+00	1.21E-13	5.00E-15	1.40E-10	0.00E+00	9.87E-10	0.00E+00	9.87E-10	1.13E-09	1.40E-10	0.00E+00	0.00E+00	0.00E+00	3.54E-12
M-RG404018S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-RG404020	2.37E-09	7.67E-11	8.65E-11	9.86E-12	0.00E+00	0.00E+00	5.84E-10	1.00E-15	3.70E-14	6.85E-13	0.00E+00	2.57E-12	0.00E+00	0.00E+00	1.60E-11	2.88E-13	4.06E-11	0.00E+00	8.10E-14	5.46E-11	9.64E-10	0.00E+00	0.00E+00	0.00E+00	1.18E-13	5.00E-15	1.37E-10	0.00E+00	9.64E-10	0.00E+00	9.64E-10	1.10E-09	1.37E-10	0.00E+00	0.00E+00	0.00E+00	3.46E-12
M-RG404020S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-RG404022	4.50E-09	7.58E-11	8.55E-11	9.75E-12	0.00E+00	0.00E+00	5.77E-10	1.00E-15	3.70E-14	6.77E-13	0.00E+00	2.54E-12	0.00E+00	0.00E+00	1.58E-11	2.85E-13	4.00E-11	0.00E+00	8.00E-14	5.40E-11	9.53E-10	0.00E+00	0.00E+00	0.00E+00	1.17E-13	5.00E-15	1.35E-10	0.00E+00	9.53E-10	0.00E+00	9.53E-10	1.09E-09	1.35E-10	0.00E+00	0.00E+00	0.00E+00	3.42E-12
M-RG404022S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-RG405018	1.86E-09	7.85E-11	8.85E-11	1.01E-11	0.00E+00	0.00E+00	5.98E-10	2.00E-15	3.80E-14	7.01E-13	0.00E+00	2.63E-12	0.00E+00	0.00E+00	1.64E-11	2.95E-13	4.14E-11	0.00E+00	8.30E-14	5.59E-11	9.86E-10	0.00E+00	0.00E+00	0.00E+00	1.21E-13	5.00E-15	1.40E-10	0.00E+00	9.86E-10	0.00E+00	9.86E-10	1.13E-09	1.40E-10	0.00E+00	0.00E+00	0.00E+00	3.54E-12
M-RG405018S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-RG405020	3.34E-09	7.63E-11	8.61E-11	9.81E-12	0.00E+00	0.00E+00	5.81E-10	1.00E-15	3.70E-14	6.81E-13	0.00E+00	2.56E-12	0.00E+00	0.00E+00	1.59E-11	2.87E-13	4.03E-11	0.00E+00	8.00E-14	5.43E-11	9.59E-10	0.00E+00	0.00E+00	0.00E+00	1.18E-13	5.00E-15	1.36E-10	0.00E+00	9.59E-10	0.00E+00	9.59E-10	1.09E-09	1.36E-10	0.00E+00	0.00E+00	0.00E+00	3.44E-12
M-RG405020S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-RG405022	5.47E-09	7.54E-11	8.51E-11	9.69E-12	0.00E+00	0.00E+00	5.74E-10	1.00E-15	3.70E-14	6.74E-13	0.00E+00	2.53E-12	0.00E+00	0.00E+00	1.58E-11	2.84E-13	3.98E-11	0.00E+00	7.90E-14	5.37E-11	9.48E-10	0.00E+00	0.00E+00	0.00E+00	1.16E-13	5.00E-15	1.34E-10	0.00E+00	9.48E-10	0.00E+00	9.48E-10	1.08E-09	1.34E-10	0.00E+00	0.00E+00	0.00E+00	3.40E-12
M-RG405022S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-RG406018	1.63E-09	7.83E-11	8.84E-11	1.01E-11	0.00E+00	0.00E+00	5.97E-10	1.00E-15	3.80E-14	7.00E-13	0.00E+00	2.63E-12	0.00E+00	0.00E+00	1.64E-11	2.95E-13	4.14E-11	0.00E+00	8.20E-14	5.58E-11	9.85E-10	0.00E+00	0.00E+00	0.00E+00	1.21E-13	5.00E-15	1.40E-10	0.00E+00	9.85E-10	0.00E+00	9.85E-10	1.12E-09	1.40E-10	0.00E+00	0.00E+00	0.00E+00	3.53E-12
M-RG406018S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-RG406020	4.37E-09	7.59E-11	8.56E-11	9.75E-12	0.00E+00	0.00E+00	5.78E-10	1.00E-15	3.70E-14	6.78E-13	0.00E+00	2.54E-12	0.00E+00	0.00E+00	1.59E-11	2.85E-13	4.01E-11	0.00E+00	8.00E-14	5.40E-11	9.53E-10	0.00E+00	0.00E+00	0.00E+00	1.17E-13	5.00E-15	1.35E-10	0.00E+00	9.53E-10	0.00E+00	9.53E-10	1.09E-09	1.35E-10	0.00E+00	0.00E+00	0.00E+00	3.42E-12
M-RG406020S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-RG406022	6.50E-09	7.50E-11	8.46E-11	9.64E-12	0.00E+00	0.00E+00	5.71E-10	1.00E-15	3.60E-14	6.70E-13	0.00E+00	2.51E-12	0.00E+00	0.00E+00	1.57E-11	2.82E-13	3.96E-11	0.00E+00	7.90E-14	5.34E-11	9.42E-10	0.00E+00	0.00E+00	0.00E+00	1.16E-13	5.00E-15	1.34E-10	0.00E+00	9.42E-10	0.00E+00	9.42E-10	1.08E-09	1.34E-10	0.00E+00	0.00E+00	0.00E+00	3.38E-12
M-RG406022S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-RG408018	1.13E-09	7.81E-11	8.82E-11	1.00E-11	0.00E+00	0.00E+00	5.95E-10	1.00E-15	3.80E-14	6.96E-13	0.00E+00	2.62E-12	0.00E+00	0.00E+00	1.63E-11	2.94E-13	4.13E-11	0.00E+00	8.20E-14	5.57E-11	9.82E-10	0.00E+00	0.00E+00	0.00E+00	1.21E-13	5.00E-15	1.39E-10	0.00E+00	9.82E-10	0.00E+00	9.82E-10	1.12E-09	1.39E-10	0.00E+00	0.00E+00	0.00E+00	3.52E-12
M-RG408018S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-RG408020	6.37E-09	7.50E-11	8.47E-11	9.65E-12	0.00E+00	0.00E+00	5.71E-10	1.00E-15	3.60E-14	6.70E-13	0.00E+00	2.52E-12	0.00E+00	0.00E+00	1.57E-11	2.82E-13	3.96E-11	0.00E+00	7.90E-14	5.34E-11	9.43E-10	0.00E+00	0.00E+00	0.00E+00	1.16E-13	5.00E-15	1.34E-10	0.00E+00	9.43E-10	0.00E+00	9.43E-10	1.08E-09	1.34E-10	0.00E+00	0.00E+00	0.00E+00	3.38E-12
M-RG408020S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-RG408022	8.50E-09	7.41E-11	8.37E-11	9.53E-12	0.00E+00	0.00E+00	5.65E-10	1.00E-15	3.60E-14	6.62E-13	0.00E+00	2.49E-12	0.00E+00	0.00E+00	1.55E-11	2.79E-13	3.92E-11	0.00E+00	7.80E-14	5.28E-11	9.32E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-13	5.00E-15	1.32E-10	0.00E+00	9.32E-10	0.00E+00	9.32E-10	1.06E-09	1.32E-10	0.00E+00	0.00E+00	0.00E+00	3.34E-12
M-RG408022S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-RG503018	1.07E-09	7.81E-11	8.82E-11	1.00E-11	0.00E+00	0.00E+00	5.95E-10	1.00E-15	3.80E-14	6.96E-13	0.00E+00	2.62E-12	0.00E+00	0.00E+00	1.63E-11	2.94E-13	4.13E-11	0.00E+00	8.20E-14	5.56E-11	9.82E-10	0.00E+00	0.00E+00	0.00E+00	1.21E-13	5.00E-15	1.39E-10	0.00E+00	9.82E-10	0.00E+00	9.82E-10	1.12E-09	1.39E-10	0.00E+00	0.00E+00	0.00E+00	3.52E-12
M-RG503018S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-RG503020	2.66E-09	7.66E-11	8.64E-11	9.85E-12	0.00E+00	0.00E+00	5.83E-10	1.00E-15	3.70E-14	6.84E-13	0.00E+00	2.57E-12	0.00E+00	0.00E+00	1.60E-11	2.88E-13	4.04E-11	0.00E+00	8.00E-14	5.45E-11	9.62E-10	0.00E+00	0.00E+00	0.00E+00	1.18E-13	5.00E-15	1.37E-10	0.00E+00	9.62E-10	0.00E+00	9.62E-10	1.10E-09	1.37E-10	0.00E+00	0.00E+00	0.00E+00	3.45E-12
M-RG503020S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-RG503022	4.79E-09	7.57E-11	8.54E-11	9.73E-12	0.00E+00	0.00E+00	5.76E-10	1.00E-15	3.70E-14	6.79E-13	0.00E+00	2.54E-12	0.00E+00	0.00E+00	1.58E-11	2.85E-13	4.00E-11	0.00E+00	8.00E-14	5.39E-11	9.51E-10	0.00E+00	0.00E+00	0.00E+00	1.17E-13	5.00E-15	1.35E-10	0.00E+00	9.51E-10	0.00E+00	9.51E-10	1.09E-09	1.35E-10	0.00E+00	0.00E+00	0.00E+00	3.41E-12
M-RG503022S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-RG504018	8.15E-10	7.60E-11	8.60E-11	1.00E-11	0.00E+00	0.00E+00	5.94E-10	1.00E-15	3.80E-14	6.97E-13	0.00E+00	2.62E-12	0.00E+00	0.00E+00	1.63E-11	2.93E-13	4.12E-11	0.00E+00	8.20E-14	5.56E-11	9.80E-10	0.00E+00	0.00E+00	0.00E+00	1.20E-13	5.00E-15	1.39E-10	0.00E+00	9.80E-10	0.00E+00	9.80E-10	1.12E-09	1.39E-10	0.00E+00	0.00E+00	0.00E+00	3.52E-12
M-RG504018S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-RG504020	3.68E-09	7.61E-11	8.59E-11	9.79E-12	0.00E+00	0.00E+00	5.80E-10	1.00E-15	3.70E-14	6.80E-13	0.00E+00	2.55E-12	0.00E+00	0.00E+00	1.59E-11	2.86E-13	4.02E-11	0.00E+00	8.00E-14	5.42E-11	9.57E-10	0.00E+00	0.00E+00	0.00E+00	1.18E-13	5.00E-15	1.36E-10	0.00E+00	9.57E-10	0.00E+00	9.57E-10	1.09E-09	1.36E-10	0.00E+00	0.00E+00	0.00E+00	3.43E-12
M-RG504020S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-RG504022	5.81E-09	7.53E-11	8.49E-11	9.68E-12	0.00E+00	0.00E+00	5.73E-10	1.00E-15	3.60E-14	6.72E-13	0.00E+00	2.52E-12	0.00E+00	0.00E+00	1.57E-11	2.83E-13	3.97E-11	0.00E+00	7.90E-14	5.36E-11	9.46E-10	0.00E+00	0.00E+00	0.00E+00	1.16E-13	5.00E-15	1.34E-10	0.00E+00	9.46E-10	0.00E+00	9.46E-10	1.08E-09	1.34E-10	0.00E+00	0.00E+00	0.00E+00	3.39E-12
M-RG504022S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-RG505018	5.73E-10	7.79E-11	8.79E-11	1.00E-11	0.00E+00	0.00E+00	5.93E-10	1.00E-15	3.80E-14	6.96E-13	0.00E+00	2.61E-12	0.00E+00	0.00E+00	1.63E-11	2.93E-13	4.11E-11	0.00E+00	8.20E-14	5.55E-11	9.79E-10	0.00E+00	0.00E+00	0.00E+00	1.20E-13	5.00E-15	1.39E-10	0.00E+00	9.79E-10	0.00E+00	9.79E-10	1.12E-09	1.39E-10	0.00E+00	0.00E+00	0.00E+00	3.51E-12
M-RG505018S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-RG505020	4.68E-09	7.57E-11	8.55E-11	9.74E-12	0.00E+00	0.00E+00	5.77E-10	1.00E-15	3.70E-14	6.77E-13	0.00E+00	2.54E-12	0.00E+00	0.00E+00	1.58E-11	2.85E-13	4.00E-11	0.00E+00	8.00E-14	5.40E-11	9.52E-10	0.00E+00	0.00E+00	0.00E+00	1.17E-13	5.00E-15	1.35E-10	0.00E+00	9.52E-10	0.00E+00	9.52E-10	1.09E-09	1.35E-10	0.00E+00	0.00E+00	0.00E+00	3.42E-12
M-RG505020S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03	8.65E-03	0.00E+00	2.51E-02	1.13E-07	3.34E-09	1.68E-01	2.73E-03	1.08E-01	9.44E-05	1.97E-03	4.67E-01	1.00E+01	0.00E+00	1.33E-08	1.76E-08	2.02E-03	5.35E-05	1.35E+00	0.00E+00	1.00E+01	2.51E-08	1.00E+01	1.14E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-02
M-RG505022	6.79E-09	7.48E-11	8.45E-11	9.62E-12	0.00E+00	0.00E+00	5.70E-10	1.00E-15	3.60E-14	6.69E-13	0.00E+00	2.51E-12	0.00E+00	0.00E+00	1.57E-11	2.81E-13	3.95E-11	0.00E+00	7.90E-14	5.33E-11	9.41E-10	0.00E+00	0.00E+00	0.00E+00	1.16E-13	5.00E-15	1.33E-10	0.00E+00	9.41E-10	0.00E+00	9.41E-10	1.07E-09	1.33E-10	0.00E+00	0.00E+00	0.00E+00	3.39E-12
M-RG505022S	2.94E-03	1.36E+00	2.37E-01	1.12E+00	0.00E+00	0.00E+00	1.48E+01	1.46E-05	1.37E-03

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M-RT906018S	3.03E-03	1.35E+00	2.54E-01	1.10E+00	0.00E+00	0.00E+00	1.58E+01	1.50E-05	1.45E-03	9.03E-03	0.00E+00	2.67E-02	1.21E-07	3.53E-09	1.63E-01	2.92E-03	9.00E-02	1.00E-15	1.90E-03	4.49E-01	1.04E+01	0.00E+00	1.40E-08	1.82E-08	2.11E-03	5.38E-05	1.39E+00	0.00E+00	1.04E+01	2.55E-08	1.04E+01	1.18E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-02
M-RT906020	4.27E-09	7.58E-11	8.58E-11	9.75E-12	0.00E+00	0.00E+00	5.78E-10	1.00E-15	3.70E-14	6.77E-13	0.00E+00	2.54E-12	0.00E+00	0.00E+00	1.59E-11	2.85E-13	4.00E-11	0.00E+00	8.00E-14	5.40E-11	9.53E-10	0.00E+00	0.00E+00	0.00E+00	1.17E-13	5.00E-15	1.35E-10	0.00E+00	9.53E-10	0.00E+00	9.53E-10	1.09E-09	1.35E-10	0.00E+00	0.00E+00	0.00E+00	3.42E-12
M-RT906020S	3.03E-03	1.35E+00	2.54E-01	1.10E+00	0.00E+00	0.00E+00	1.58E+01	1.50E-05	1.45E-03	9.03E-03	0.00E+00	2.67E-02	1.21E-07	3.53E-09	1.63E-01	2.92E-03	9.00E-02	1.00E-15	1.90E-03	4.49E-01	1.04E+01	0.00E+00	1.40E-08	1.82E-08	2.11E-03	5.38E-05	1.39E+00	0.00E+00	1.04E+01	2.55E-08	1.04E+01	1.18E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-02
M-RT906022	6.26E-09	7.50E-11	8.46E-11	9.64E-12	0.00E+00	0.00E+00	5.71E-10	1.00E-15	3.60E-14	6.70E-13	0.00E+00	2.52E-12	0.00E+00	0.00E+00	1.57E-11	2.82E-13	3.96E-11	0.00E+00	7.90E-14	5.34E-11	9.43E-10	0.00E+00	0.00E+00	0.00E+00	1.16E-13	5.00E-15	1.34E-10	0.00E+00	9.43E-10	0.00E+00	9.43E-10	1.08E-09	1.34E-10	0.00E+00	0.00E+00	0.00E+00	3.38E-12
M-RT906022S	3.03E-03	1.35E+00	2.54E-01	1.10E+00	0.00E+00	0.00E+00	1.58E+01	1.50E-05	1.45E-03	9.03E-03	0.00E+00	2.67E-02	1.21E-07	3.53E-09	1.63E-01	2.92E-03	9.00E-02	1.00E-15	1.90E-03	4.49E-01	1.04E+01	0.00E+00	1.40E-08	1.82E-08	2.11E-03	5.38E-05	1.39E+00	0.00E+00	1.04E+01	2.55E-08	1.04E+01	1.18E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-02
M-RT908018	4.27E-09	7.58E-11	8.58E-11	9.75E-12	0.00E+00	0.00E+00	5.78E-10	1.00E-15	3.70E-14	6.77E-13	0.00E+00	2.54E-12	0.00E+00	0.00E+00	1.59E-11	2.85E-13	4.00E-11	0.00E+00	8.00E-14	5.40E-11	9.53E-10	0.00E+00	0.00E+00	0.00E+00	1.17E-13	5.00E-15	1.35E-10	0.00E+00	9.53E-10	0.00E+00	9.53E-10	1.09E-09	1.35E-10	0.00E+00	0.00E+00	0.00E+00	3.42E-12
M-RT908018S	3.03E-03	1.35E+00	2.54E-01	1.10E+00	0.00E+00	0.00E+00	1.58E+01	1.50E-05	1.45E-03	9.03E-03	0.00E+00	2.67E-02	1.21E-07	3.53E-09	1.63E-01	2.92E-03	9.00E-02	1.00E-15	1.90E-03	4.49E-01	1.04E+01	0.00E+00	1.40E-08	1.82E-08	2.11E-03	5.38E-05	1.39E+00	0.00E+00	1.04E+01	2.55E-08	1.04E+01	1.18E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-02
M-RT908020	6.26E-09	7.50E-11	8.46E-11	9.64E-12	0.00E+00	0.00E+00	5.71E-10	1.00E-15	3.60E-14	6.70E-13	0.00E+00	2.52E-12	0.00E+00	0.00E+00	1.57E-11	2.82E-13	3.96E-11	0.00E+00	7.90E-14	5.34E-11	9.43E-10	0.00E+00	0.00E+00	0.00E+00	1.16E-13	5.00E-15	1.34E-10	0.00E+00	9.43E-10	0.00E+00	9.43E-10	1.08E-09	1.34E-10	0.00E+00	0.00E+00	0.00E+00	3.38E-12
M-RT908020S	3.03E-03	1.35E+00	2.54E-01	1.10E+00	0.00E+00	0.00E+00	1.58E+01	1.50E-05	1.45E-03	9.03E-03	0.00E+00	2.67E-02	1.21E-07	3.53E-09	1.63E-01	2.92E-03	9.00E-02	1.00E-15	1.90E-03	4.49E-01	1.04E+01	0.00E+00	1.40E-08	1.82E-08	2.11E-03	5.38E-05	1.39E+00	0.00E+00	1.04E+01	2.55E-08	1.04E+01	1.18E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-02
M-RT908022	8.26E-09	7.42E-11	8.37E-11	9.54E-12	0.00E+00	0.00E+00	5.65E-10	1.00E-15	3.60E-14	6.63E-13	0.00E+00	2.49E-12	0.00E+00	0.00E+00	1.55E-11	2.79E-13	3.92E-11	0.00E+00	7.80E-14	5.28E-11	9.32E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-13	5.00E-15	1.32E-10	0.00E+00	9.32E-10	0.00E+00	9.32E-10	1.06E-09	1.32E-10	0.00E+00	0.00E+00	0.00E+00	3.35E-12
M-RT908022S	3.03E-03	1.35E+00	2.54E-01	1.10E+00	0.00E+00	0.00E+00	1.58E+01	1.50E-05	1.45E-03	9.03E-03	0.00E+00	2.67E-02	1.21E-07	3.53E-09	1.63E-01	2.92E-03	9.00E-02	1.00E-15	1.90E-03	4.49E-01	1.04E+01	0.00E+00	1.40E-08	1.82E-08	2.11E-03	5.38E-05	1.39E+00	0.00E+00	1.04E+01	2.55E-08	1.04E+01	1.18E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-02
M-RT909018	5.24E-09	7.54E-11	8.51E-11	9.70E-12	0.00E+00	0.00E+00	5.74E-10	1.00E-15	3.70E-14	6.74E-13	0.00E+00	2.53E-12	0.00E+00	0.00E+00	1.58E-11	2.84E-13	3.98E-11	0.00E+00	7.90E-14	5.37E-11	9.48E-10	0.00E+00	0.00E+00	0.00E+00	1.16E-13	5.00E-15	1.35E-10	0.00E+00	9.48E-10	0.00E+00	9.48E-10	1.08E-09	1.35E-10	0.00E+00	0.00E+00	0.00E+00	3.40E-12
M-RT909018S	3.03E-03	1.35E+00	2.54E-01	1.10E+00	0.00E+00	0.00E+00	1.58E+01	1.50E-05	1.45E-03	9.03E-03	0.00E+00	2.67E-02	1.21E-07	3.53E-09	1.63E-01	2.92E-03	9.00E-02	1.00E-15	1.90E-03	4.49E-01	1.04E+01	0.00E+00	1.40E-08	1.82E-08	2.11E-03	5.38E-05	1.39E+00	0.00E+00	1.04E+01	2.55E-08	1.04E+01	1.18E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-02
M-RT909020	7.23E-09	7.46E-11	8.42E-11	9.59E-12	0.00E+00	0.00E+00	5.68E-10	1.00E-15	3.60E-14	6.66E-13	0.00E+00	2.50E-12	0.00E+00	0.00E+00	1.56E-11	2.81E-13	3.94E-11	0.00E+00	7.80E-14	5.31E-11	9.38E-10	0.00E+00	0.00E+00	0.00E+00	1.15E-13	5.00E-15	1.33E-10	0.00E+00	9.38E-10	0.00E+00	9.38E-10	1.07E-09	1.33E-10	0.00E+00	0.00E+00	0.00E+00	3.37E-12
M-RT909020S	3.03E-03	1.35E+00	2.54E-01	1.10E+00	0.00E+00	0.00E+00	1.58E+01	1.50E-05	1.45E-03	9.03E-03	0.00E+00	2.67E-02	1.21E-07	3.53E-09	1.63E-01	2.92E-03	9.00E-02	1.00E-15	1.90E-03	4.49E-01	1.04E+01	0.00E+00	1.40E-08	1.82E-08	2.11E-03	5.38E-05	1.39E+00	0.00E+00	1.04E+01	2.55E-08	1.04E+01	1.18E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-02
M-RT909022	9.23E-09	7.38E-11	8.33E-11	9.49E-12	0.00E+00	0.00E+00	5.62E-10	1.00E-15	3.60E-14	6.59E-13	0.00E+00	2.47E-12	0.00E+00	0.00E+00	1.54E-11	2.77E-13	3.90E-11	0.00E+00	7.70E-14	5.25E-11	9.27E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-13	5.00E-15	1.32E-10	0.00E+00	9.27E-10	0.00E+00	9.27E-10	1.06E-09	1.32E-10	0.00E+00	0.00E+00	0.00E+00	3.33E-12
M-RT909022S	3.03E-03	1.35E+00	2.54E-01	1.10E+00	0.00E+00	0.00E+00	1.58E+01	1.50E-05	1.45E-03	9.03E-03	0.00E+00	2.67E-02	1.21E-07	3.53E-09	1.63E-01	2.92E-03	9.00E-02	1.00E-15	1.90E-03	4.49E-01	1.04E+01	0.00E+00	1.40E-08	1.82E-08	2.11E-03	5.38E-05	1.39E+00	0.00E+00	1.04E+01	2.55E-08	1.04E+01	1.18E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-02
M-RTH	2.06E-04	9.18E-02	1.73E-02	7.45E-02	0.00E+00	0.00E+00	1.07E+00	1.02E-06	9.88E-05	6.14E-04	0.00E+00	1.81E-03	8.21E-09	2.40E-10	1.11E-02	1.99E-04	6.12E-03	0.00E+00	1.29E-04	3.05E-02	7.05E-01	0.00E+00	9.54E-10	1.24E-09	1.43E-04	3.66E-06	9.42E-02	0.00E+00	7.09E-01	1.73E-09	7.09E-01	8.00E-01	9.42E-02	0.00E+00	0.00E+00	0.00E+00	5.55E-03
M-RTHK	4.23E-04	1.95E-01	3.42E-02	1.61E-01	0.00E+00	0.00E+00	2.13E+00	2.09E-06	1.96E-04	1.25E-03	0.00E+00	3.62E-03	1.62E-08	4.81E-10	2.42E-02	3.93E-04	1.56E-02	1.39E-05	2.83E-04	6.72E-02	1.44E+00	0.00E+00	1.92E-09	2.54E-09	2.91E-04	7.71E-06	1.94E-01	0.00E+00	1.44E+00	3.62E-09	1.44E+00	1.64E+00	1.94E-01	0.00E+00	0.00E+00	0.00E+00	1.22E-02
M-RW	2.11E-06	1.38E-08	1.55E-08	1.77E-09	0.00E+00	0.00E+00	1.05E-07	2.64E-13	6.85E-12	1.23E-10	0.00E+00	4.62E-10	2.06E-15	0.00E+00	2.88E-09	5.18E-11	7.27E-09	0.00E+00	1.44E-11	9.81E-09	1.73E-07	0.00E+00	0.00E+00	0.00E+00	2.12E-11	9.25E-13	2.46E-08	0.00E+00	1.73E-07	0.00E+00	1.73E-07	1.98E-07	2.48E-08	0.00E+00	0.00E+00	0.00E+00	6.21E-10
M-RW10016	5.82E-04	2.59E-01	4.88E-02	2.10E-01	0.00E+00	0.00E+00	3.03E+00	2.88E-06	2.79E-04	1.73E-03	0.00E+00	5.12E-03	2.32E-08	6.77E-10	3.13E-02	5.60E-04	1.73E-02	0.00E+00	3.65E-04	8.62E-02	1.99E+00	0.00E+00	2.69E-09	3.49E-09	4.05E-04	1.03E-05	2.66E-01	0.00E+00	1.99E+00	4.89E-09	1.99E+00	2.26E+00	2.66E-01	0.00E+00	0.00E+00	0.00E+00	1.57E-02
M-RW10016-2	4.79E-04	2.13E-01	4.01E-02	1.73E-01	0.00E+00	0.00E+00	2.49E+00	2.37E-06	2.29E-04	1.43E-03	0.00E+00	4.22E-03	1.91E-08	5.57E-10	2.57E-02	4.61E-04	1.42E-02	0.00E+00	3.00E-04	7.09E-02	1.64E+00	0.00E+00	2.22E-09	2.87E-09	3.33E-04	8.50E-06	2.19E-01	0.00E+00	1.64E+00	4.02E-09	1.64E+00	1.86E+00	2.19E-01	0.00E+00	0.00E+00	0.00E+00	1.29E-02
M-RW10018	4.17E-09	8.16E-11	8.94E-11	7.91E-12	0.00E+00	0.00E+00	4.89E-10	1.00E-15	3.00E-14	5.50E-13	0.00E+00	2.06E-12	0.00E+00	0.00E+00	1.29E-11	2.31E-13	3.25E-11	0.00E+00	6.50E-14	4.38E-11	7.73E-10	0.00E+00	0.00E+00	0.00E+00	9.50E-14	4.00E-15	1.10E-10	0.00E+00	7.73E-10	0.00E+00	7.73E-10	8.83E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	2.76E-12
M-RW10020	4.11E-09	8.16E-11	8.95E-11	7.92E-12	0.00E+00	0.00E+00	4.89E-10	1.00E-15	3.00E-14	5.50E-13	0.00E+00	2.07E-12	0.00E+00	0.00E+00	1.29E-11	2.32E-13	3.26E-11	0.00E+00	6.50E-14	4.39E-11	7.74E-10	0.00E+00	0.00E+00	0.00E+00	9.50E-14	4.00E-15	1.10E-10	0.00E+00	7.74E-10	0.00E+00	7.74E-10	8.84E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	2.76E-12
M-RW10022	4.04E-09	8.17E-11	8.96E-11	7.93E-12	0.00E+00	0.00E+00	4.70E-10	1.00E-15	3.00E-14	5.51E-13	0.00E+00	2.07E-12	0.00E+00	0.00E+00	1.29E-11	2.32E-13	3.26E-11	0.00E+00	6.50E-14	4.39E-11	7.75E-10	0.00E+00	0.00E+00	0.00E+00	9.50E-14	4.00E-15	1.10E-10	0.00E+00	7.75E-10	0.00E+00	7.75E-10	8.85E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	2.76E-12
M-RW10218	7.22E-04	3.21E-01	6.05E-02	2.61E-01	0.00E+00	0.00E+00	3.76E+00	3.57E-06	3.46E-04	2.15E-03	0.00E+00	6.35E-03	2.87E-08	8.40E-10	3.88E-02	6.95E-04	2.14E-02	0.00E+00	4.52E-04	1.07E-01	2.47E+00	0.00E+00	3.34E-09	4.32E-09	5.02E-04	1.28E-05	3.30E-01	0.00E+00	2.47E+00	6.05E-09	2.47E+00	2.80E+00	3.30E-01	0.00E+00	0.00E+00	0.00E+00	1.94E-02
M-RW10220	6.58E-04	2.93E-01	5.51E-02	2.38E-01	0.00E+00	0.00E+00	3.42E+00	3.26E-06	3.15E-04	1.96E-03	0.00E+00	5.79E-03	2.62E-08	7.65E-10	3.54E-02	6.33E-04	1.95E-02	0.00E+00	4.12E-04	9.74E-02	2.25E+00	0.00E+00	3.05E-09	3.94E-09	4.58E-04	1.17E-05	3.01E-01	0.00E+00	2.25E+00	5.53E-09	2.25E+00	2.55E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.77E-02
M-RW11016	6.73E-04	3.00E-01	5.64E-02	2.43E-01	0.00E+00	0.00E+00	3.50E+00	3.33E-06	3.22E-04	2.00E-03	0.00E+00	5.92E-03	2.68E-08	7.83E-10	3.62E-02	6.48E-04	2.00E-02	0.00E+00	4.22E-04	9.96E-02	2.30E+00	0.00E+00	3.12E-09	4.03E-09	4.68E-04	1.19E-05	3.07E-01	0.00E+00	2.30E+00	5.65E-09	2.30E+00	2.61E+00	3.07E-01	0.00E+00	0.00E+00	0.00E+00	1.81E-02
M-RW11118	4.09E-09	8.16E-11	8.95E-11	7.92E-12	0.00E+00	0.00E+00	4.89E-10	1.00E-15	3.00E-14	5.50E-13	0.00E+00	2.07E-12	0.00E+00	0.00E+00	1.29E-11	2.32E-13	3.25E-11	0.00E+00	6.50E-14	4.39E-11	7.74E-10	0.00E+00	0.00E+00	0.00E+00	9.50E-14	4.00E-15	1.10E-10	0.00E+00	7.74E-10	0.00E+00	7.74E-10	8.84E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	2.76E-12
M-RW11120	3.94E-09	8.17E-11	8.97E-11	7.94E-12	0.00E+00	0.00E+00	4.70E-10	1.00E-15	3.00E-14	5.51E-13	0.00E+00	2.07E-12	0.00E+00	0.00E+00	1.29E-11	2.32E-13	3.26E-11	0.00E+00	6.50E-14	4.40E-11	7.76E-10	0.00E+00	0.00E+00	0.00E+00	9.50E-14	4.00E-15	1.10E-10	0.00E+00	7.76E-10	0.00E+00	7.76E-10	8.86E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	2.76E-12
M-RW11122	3.91E-09	8.18E-11	8.97E-11	7.94E-12	0.00E+00	0.00E+00	4.71E-10	1.00E-15	3.00E-14	5.52E-13	0.00E+00	2.07E-12	0.00E+00	0.00E+00	1.29E-11	2.32E-13	3.26E-11	0.00E+00	6.50E-14	4.40E-11	7.77E-10	0.00E+00	0.00E+00	0.00E+00	9.50E-14	4.00E-15	1.10E-10	0.00E+00	7.77E-10	0.00E+00	7.77E-10	8.87E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	2.76E-12
M-RW12016	8.70E-04	3.87E-01	7.29E-02	3.14E-01	0.00E+00	0.00E+00	4.53E+00	4.31E-06	4.17E-04	2.59E-03	0.00E+00	7.66E-03	3.46E-08	1.01E-09	4.68E-02	8.38E-04	2.58E-02	0.00E+00	5.45E-04	1.29E-01	2.98E+00	0.00E+00	4.03E-09	5.21E-09	6.06E-04	1.54E-05	3.98E-01	0.00E+00	2.98E+00	7.31E-09	2.98E+00	3.38E+00	3.98E-01	0.00E+00	0.00E+00	0.00E+00	2.34E-02
M-RW13016	7.61E-04	3.39E-01	6.38E-02	2.75E-01	0.00E+00	0.00E+00	3.96E+00	3.77E-06	3.65E-04	2.27E-03	0.00E+00	6.70E-03	3.03E-08	8.85E-10	4.09E-02	7.33E-04	2.26E-02	0.00E+00	4.77E-04	1.13E-01	2.61E+00	0.00E+00	3.52E-09	4.56E-09	5.30E-04	1.35E-05	3.48E-01	0.00E+00	2.61E+00	6.39E-09	2.61E+00	2.95E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	2.05E-02
M-RW13516	7.07E-04	3.14E-01	5.92E-02	2.55E-01	0.00E+00	0.00E+00	3.68E+00	3.50E-06	3.38E-04	2.10E-03	0.00E+00	6.22E-03	2.81E-08	8.22E-10	3.80E-02	6.80E-04	2.10E-02	0.00E+00	4.43E-04	1.05E-01	2.42E+00	0.00E+00	3.27E-09	4.23E-09	4.92E-04	1.25E-05	3.23E-01	0.00E+00	2.42E+00	5.93E-09	2.42E+00	2.74E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	1.90E-02
M-RW14016	9.55E-04	4.25E-01	8.00E-02	3.45E-01	0.00E+00	0.00E+00	4.97E+00	4.73E-06	4.57E-04	2.84E-03	0.00E+00	8.40E-03	3.80E-08	1.11E-09	5.13E-02	9.20E-04	2.83E-02	0.00E+00	5.98E-04	1.41E-01	3.27E+00	0.00E+00	4.42E-09	5.72E-09	6.65E-04	1.70E-05	4.36E-01	0.00E+00	3.27E+00	8.02E-09	3.27E+00	3.71E+00	4.36E-01	0.00E+00	0.00E+00	0.00E+00	2.57E-02
M-RW15016	8.49E-04	3.78E-01	7.12E-02	3.07E-01	0.00E+00	0.00E+00	4.42E+00	4.20E-06	4.07E-04	2.53E-03	0.00E+00	7.47E-03	3.38E-08	9.88E-10	4.56E-02	8.17E-04	2.52E-02	0.00E+00	5.32E-04	1.26E-01	2.91E+00	0.00E+00	3.93E-09	5.09E-09	5.91E-04	1.51E-05	3.88E-01	0.00E+00	2.91E+00	7.13E-09	2.91E+00	3.29E+00	3.88E-01	0.00E+00	0.00E+00	0.00E+00	2.28E-02
M-RW16016	1.04E-03	4.64E-01	8.74E-02	3.77E-01	0.00E+00	0.00E+00	5.43E+00	5.16E-06	5.00E-04	3.11E-03	0.00E+00	9.18E-03	4.15E-08	1.21E-09	5.61E-02	1.00E-03	3.10E-02	0.00E+00	6.54E-04	1.54E-01	3.57E+00	0.00E+00	4.83E-09	6.25E-09	7.26E-04	1.85E-05	4.76E-01	0.00E+00	3.57E+00	8.76E-09	3.57E+00	4.05E+00	4.76E-01	0.00E+00	0.00E+00	0.00E+00	2.81E-02
M-RW17018	9.52E-04	4.24E-01	7.99E-02	3.44E-01	0.00E+00	0.00E+00	4.95E+00	4.71E-06	4.56E-04	2.83E-03	0.00E+00	8.38E-03	3.79E-08	1.11E-09	5.12E-02	9.17E-04	2.82E-02	0.00E+00	5.97E-04	1.41E-01	3.26E+00	0.00E+00	4.41E-09	5.71E-09	6.63E-04	1.69E-05	4.35E-01	0.00E+00	3.26E+00	8.00E-09	3.26E+00	3.69E+00	4.35E-01	0.00E+00	0.00E+00	0.00E+00	2.56E-02
M-RW17020	1.27E-03	5.67E-01	1.07E-01	4.60E-01	0.00E+00	0.00E+00	6.63E+00	6.30E-06	6.10E-04	3.79E-03	0.00E+00	1.12E-02	5.07E-08	1.48E-09	6.84E-02	1.23E-03	3.78E-02	1.00E-15	7.98E-04	1.88E-01	4.36E+00	0.00E+00	5.89E-09	7.63E-09	8.86E-04	2.26E-05	5.82E-01	0.00E+00	4.36E+00	1.07E-08	4.36E+00	4.94E+00	5.82E-01	0.00E+00	0.00E+00	0.00E+00	3.43E-02
M-RW17318	1.12E-03	4.97E-01	9.35E-02	4.03E-01	0.00E+00	0.00E+00	5.81E+00	5.52E-06	5.34E-04	3.32E-03	0.00E+00	9.82E-03	4.44E-08	1.30E-09	6.00E-02	1.07E-03	3.31E-02	0.00E+00	6.99E-04	1.65E-01	3.82E+00	0.00E+00	5.16E-09	6.68E-09	7.77E-04	1.98E-05	5.10E-01	0.00E+00	3.82E+00	9.37E-09	3.82E+00	4.33E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	3.00E-02
M-RW17320	1.37E-03	6.09E-01	1.15E-01	4.94E-01	0.00E+00	0.00E+00	7.12E+00	6.77E-06	6.55E-04	4.07E-03	0.00E+00	1.20E-02	5.44E-08	1.59E-09	7.35E-02	1.32E-03	4.06E-02	1.00E-15	8.57E-04	2.02E-01	4.68E+00	0.00E+00	6.33E-09	8.19E-09	9.52E-04	2.43E-05	6.25E-01	0.00E+00	4.68E+00	1.15E-08	4.68E+00	5.31E+00	6.25E-01	0.00E+00	0.00E+00	0.00E+00	3.68E-02
M-RW18018	1.16E-03	5.16E-01	9.71E-02	4.18E-01	0.00E+00	0.00E+00	6.03E+00	5.73E-06	5.55E-04	3.45E-03	0.00E+00	1.02E-02	4.61E-08	1.35E-09	6.23E-02	1.12E-03	3.44E-02	0.00E+00	7.26E-04	1.71E-01	3.97E+00	0.00E+00	5.36E-09	6.94E-09	8.06E-04	2.06E-05	5.29E-01	0.00E+00	3.97E+00	9.73E-09	3.97E+00	4.50E+00	5.29E-01	0.00E+00	0.00E+00	0.00E+00	3.12E-02
M-RW18020	1.19E-03	5.29E-01	9.96E-02	4.29E-01	0.00E+00	0.00E+00	6.19E+00	5.88E-06	5.69E-04	3.54E-03	0.00E+00	1.05E-02	4.73E-08	1.38E-09	6.39E-02	1.14E-03	3.53E-02	1.00E-15	7.45E-04	1.76E-01	4.07E+00	0.00E+00	5.50E-09	7.12E-09	8.27E-04	2.11E-05	5.43E-01	0.00E+00	4.07E+00	9.98E-09	4.07E+00	4.61E+00	5.43E-01	0.00E+00	0.00E+00	0.00E+00	3.20E-02
M-RW18318	1.32E-03	5.88E-01	1.11E-01	4.76E-01	0.00E+00	0.00E+00	6.88E+00	6.54E-06	6.33E-04	3.94E-03	0.00E+00	1.16E-02	5.26E-08	1.54E-09	7.11E-02	1.27E-03	3.92E-02	1.00E-15	8.29E-04	1.96E-01	4.53E+00	0.00E+00	6.12E-09	7.92E-09	9.20E-04	2.35E-05	6.04E-01	0.00E+00	4.53E+00	1.11E-08	4.53E+00	5.13E+00	6.04E-01	0.00E+00	0.00E+00	0.00E+00	3.56E-02
M-RW18320	1.28E-03	5.71E-01	1.07E-01	4.63E-01	0.00E+00	0.00E+00	6.67E+00	6.35E-06	6.14E-04	3.82E-03	0.00E+00	1.13E-02	5.11E-08	1.49E-09	6.89E-02	1.23E-03	3.81E-02	1.00E-15	8.04E-04	1.90E-01	4.39E+00	0.00E+00	5.94E-09	7.69E-09	8.93E-04	2.28E-05	5.86E-01	0.00E+00	4.39E+00	1.08E-08	4.39E+00	4.98E+00	5.86E-01	0.00E+00	0.00E+00	0.00E+00	3.45E-02
M-RW3018	4.72E-09	8.10E-11	8.89E-11	7.84E-12	0.00E+00	0.00E+00	4.65E-10	1.00E-15	3.00E-14	5.45E-13	0.00E+00	2.05E-12	0.00E+00	0.00E+00	1.28E-11	2.29E-13	3.22E-11	0.00E+00	6.40E-14	4.35E-11	7.67E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.09E-10	0.00E+00	7.67E-10	0.00E+00	7.67E-10	8.76E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.75E-12
M-RW3020	4.65E-09	8.11E-11	8.89E-11	7.85E-12	0.00E+00	0.00E+00	4.65E-10	1.00E-15	3.00E-14	5.45E-

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M-RWS4522	1.01E-05	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWS5018	9.81E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWS5020	9.81E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWS5022	9.81E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWS6012	9.82E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWS6018	9.81E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWS6020	9.81E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWS6022	9.81E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWS7018	9.81E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWS7020	9.81E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWS7022	9.81E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWS8018	9.81E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWS8020	9.81E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWS8022	9.81E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWS8518	9.81E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWS8520	9.81E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWS8522	9.81E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWS9018	9.81E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWS9020	9.81E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWS9022	9.81E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWSLW6012	9.82E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWSLW6018	9.83E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWSLW6020	9.84E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWSLW6022	9.84E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWSLW8018	9.84E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWSLW8020	9.84E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWSLW8022	9.85E-06	6.40E-04	1.54E-03	2.18E-03	0.00E+00	0.00E+00	8.84E-02	4.16E-08	7.29E-06	3.46E-05	0.00E+00	1.43E-04	7.31E-10	1.72E-11	4.48E-04	1.77E-05	1.67E-03	2.46E-03	6.07E-06	1.68E-03	3.27E-02	0.00E+00	6.41E-11	4.95E-11	8.52E-06	2.68E-08	3.61E-03	0.00E+00	3.27E-02	2.93E-11	3.27E-02	3.64E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
M-RWSLW9018	6.69E-04	3.03E-01	5.54E-02	2.48E-01	0.00E+00	0.00E+00	3.45E+00	3.32E-05	3.18E-04	1.99E-03	0.00E+00	5.83E-03	2.63E-08	7.73E-10	3.70E-02	6.39E-04	2.18E-02	2.46E-03	4.32E-04	1.02E-01	2.29E+00	0.00E+00	3.08E-09	4.02E-09	4.64E-04	1.20E-05	3.07E-01	0.00E+00	2.29E+00	5.68E-09	2.29E+00	2.60E+00	3.07E-01	0.00E+00	0.00E+00	0.00E+00	1.85E-02
M-RWSLW9020	7.42E-04	3.35E-01	6.15E-02	2.74E-01	0.00E+00	0.00E+00	3.83E+00	3.68E-05	3.53E-04	2.20E-03	0.00E+00	6.47E-03	2.92E-08	8.58E-10	4.09E-02	7.09E-04	2.40E-02	2.46E-03	4.77E-04	1.13E-01	2.54E+00	0.00E+00	3.42E-09	4.46E-09	5.15E-04	1.33E-05	3.40E-01	0.00E+00	2.54E+00	6.29E-09	2.54E+00	2.88E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	2.05E-02
M-RWSLW9022	8.12E-04	3.68E-01	6.73E-02	2.99E-01	0.00E+00	0.00E+00	4.19E+00	4.02E-05	3.86E-04	2.41E-03	0.00E+00	7.09E-03	3.20E-08	9.39E-10	4.46E-02	7.73E-04	2.61E-02	2.46E-03	5.21E-04	1.23E-01	2.78E+00	0.00E+00	3.74E-09	4.87E-09	5.63E-04	1.46E-05	3.72E-01	0.00E+00	2.78E+00	6.87E-09	2.78E+00	3.15E+00	3.72E-01	0.00E+00	0.00E+00	0.00E+00	2.24E-02
M-SBD100	7.82E-09	5.94E-11	6.70E-11	7.63E-12	0.00E+00	0.00E+00	4.52E-10	1.00E-15	2.90E-14	5.30E-13	0.00E+00	1.99E-12	0.00E+00	0.00E+00	1.24E-11	2.23E-13	3.14E-11	0.00E+00	6.20E-14	4.23E-11	7.46E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.46E-10	0.00E+00	7.46E-10	8.52E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.68E-12
M-SBD110	9.10E-09	5.90E-11	6.66E-11	7.59E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.27E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.23E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.42E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.42E-10	0.00E+00	7.42E-10	8.47E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.66E-12
M-SBD120	9.40E-09	5.88E-11	6.64E-11	7.56E-12	0.00E+00	0.00E+00	4.48E-10	1.00E-15	2.80E-14	5.26E-13	0.00E+00	1.97E-12	0.00E+00	0.00E+00	1.23E-11	2.21E-13	3.11E-11	0.00E+00	6.20E-14	4.19E-11	7.39E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.39E-10	0.00E+00	7.39E-10	8.44E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.65E-12
M-SBD130	9.71E-09	5.86E-11	6.62E-11	7.54E-12	0.00E+00	0.00E+00	4.46E-10	1.00E-15	2.80E-14	5.24E-13	0.00E+00	1.97E-12	0.00E+00	0.00E+00	1.23E-11	2.20E-13	3.10E-11	0.00E+00	6.20E-14	4.18E-11	7.37E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.37E-10	0.00E+00	7.37E-10	8.41E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.64E-12
M-SBD135	9.90E-09	5.86E-11	6.62E-11	7.54E-12	0.00E+00	0.00E+00	4.46E-10	1.00E-15	2.80E-14	5.24E-13	0.00E+00	1.97E-12	0.00E+00	0.00E+00	1.23E-11	2.20E-13	3.10E-11	0.00E+00	6.20E-14	4.18E-11	7.37E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.37E-10	0.00E+00	7.37E-10	8.41E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.64E-12
M-SBD140	1.00E-08	5.84E-11	6.59E-11	7.51E-12	0.00E+00	0.00E+00	4.45E-10	1.00E-15	2.80E-14	5.22E-13	0.00E+00	1.96E-12	0.00E+00	0.00E+00	1.22E-11	2.20E-13	3.08E-11	0.00E+00	6.10E-14	4.16E-11	7.34E-10	0.00E+00	0.00E+00	0.00E+00	9.00E-14	4.00E-15	1.04E-10	0.00E+00	7.34E-10	0.00E+00	7.34E-10	8.38E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	2.63E-12
M-SBD150	4.61E-09	6.66E-11	6.87E-11	7.83E-12	0.00E+00	0.00E+00	4.64E-10	1.00E-15	3.00E-14	5.44E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.29E-13	3.22E-11	0.00E+00	6.40E-14	4.34E-11	7.65E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.09E-10	0.00E+00	7.65E-10	0.00E+00	7.65E-10	8.74E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.75E-12
M-SBD160	1.05E-08	5.84E-11	6.59E-11	7.50E-12	0.00E+00	0.00E+00	4.44E-10	1.00E-15	2.80E-14	5.21E-13	0.00E+00	1.96E-12	0.00E+00	0.00E+00	1.22E-11	2.19E-13	3.08E-11	0.00E+00	6.10E-14	4.16E-11	7.33E-10	0.00E+00	0.00E+00	0.00E+00	9.00E-14	4.00E-15	1.04E-10	0.00E+00	7.33E-10	0.00E+00	7.33E-10	8.37E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	2.63E-12
M-SBD180	3.85E-04	1.71E-01	3.23E-02	1.39E-01	0.00E+00	0.00E+00	2.00E+00	1.91E-05	1.84E-04	1.15E-03	0.00E+00	3.39E-03	1.53E-08	4.48E-10	2.07E-02	3.71E-04	1.14E-02	0.00E+00	2.41E-04	5.70E-02	1.32E+00	0.00E+00	1.78E-09	2.31E-09	2.68E-04	6.84E-06	1.76E-01	0.00E+00	1.32E+00	3.23E-09	1.32E+00	1.49E+00	1.76E-01	0.00E+00	0.00E+00	0.00E+00	1.04E-02
M-SBD30	4.72E-09	6.09E-11	6.88E-11	7.83E-12	0.00E+00	0.00E+00	4.64E-10	1.00E-15	3.00E-14	5.44E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.29E-13	3.22E-11	0.00E+00	6.40E-14	4.34E-11	7.66E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.09E-10	0.00E+00	7.66E-10	0.00E+00	7.66E-10	8.74E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.75E-12
M-SBD35	4.80E-09	6.06E-11	6.84E-11	7.80E-12	0.00E+00	0.00E+00	4.62E-10	1.00E-15	2.90E-14	5.42E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.32E-11	7.62E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.62E-10	0.00E+00	7.62E-10	8.70E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-12
M-SBD40	6.08E-09	6.03E-11	6.80E-11	7.75E-12	0.00E+00	0.00E+00	4.59E-10	1.00E-15	2.90E-14	5.39E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.18E-11	0.00E+00	6.30E-14	4.29E-11	7.58E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.58E-10	0.00E+00	7.58E-10	8.65E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-12
M-SBD45	6.27E-09	6.03E-11	6.80E-11	7.75E-12	0.00E+00	0.00E+00	4.59E-10	1.00E-15	2.90E-14	5.39E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.18E-11	0.00E+00	6.30E-14	4.29E-11	7.58E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.58E-10	0.00E+00	7.58E-10	8.65E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-12
M-SBD50	4.58E-09	6.08E-11	6.88E-11	7.82E-12	0.00E+00	0.00E+00	4.63E-10	1.00E-15	2.90E-14	5.43E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.29E-13	3.21E-11	0.00E+00	6.40E-14	4.33E-11	7.64E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.64E-10	0.00E+00	7.64E-10	8.73E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-12
M-SBD60	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
M-SBD70	6.90E-09	6.00E-11	6.77E-11	7.72E-12	0.00E+00	0.00E+00	4.57E-10	1.00E-15	2.90E-14	5.36E-13	0.00E+00	2.01E-12	0.00E+00	0.00E+00	1.25E-11	2.26E-13	3.17E-11	0.00E+00	6.30E-14	4.26E-11	7.54E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.54E-10	0.00E+00	7.54E-10	8.61E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-12
M-SBD80	1.39E-06	6.16E-04	1.16E-04	5.00E-

M-SIP80	4.68E-09	6.06E-11	6.84E-11	7.80E-12	0.00E+00	0.00E+00	4.62E-10	1.00E-15	2.90E-14	5.42E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.32E-11	7.62E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.62E-10	0.00E+00	7.62E-10	8.70E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-12
M-SIP85	4.88E-09	6.07E-11	6.85E-11	7.80E-12	0.00E+00	0.00E+00	4.62E-10	1.00E-15	2.90E-14	5.42E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.32E-11	7.63E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.63E-10	0.00E+00	7.63E-10	8.71E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-12
M-SIP90	4.81E-09	6.07E-11	6.85E-11	7.81E-12	0.00E+00	0.00E+00	4.63E-10	1.00E-15	2.90E-14	5.43E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.21E-11	0.00E+00	6.40E-14	4.33E-11	7.63E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.63E-10	0.00E+00	7.63E-10	8.72E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-12
M-STG01	5.65E-09	6.18E-11	6.98E-11	7.95E-12	0.00E+00	0.00E+00	4.71E-10	1.00E-15	3.00E-14	5.52E-13	0.00E+00	2.07E-12	0.00E+00	0.00E+00	1.29E-11	2.33E-13	3.27E-11	0.00E+00	6.50E-14	4.40E-11	7.77E-10	0.00E+00	0.00E+00	0.00E+00	9.50E-14	4.00E-15	1.10E-10	0.00E+00	7.77E-10	0.00E+00	7.77E-10	8.87E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	2.79E-12
M-STG02	5.67E-09	6.23E-11	7.03E-11	8.01E-12	0.00E+00	0.00E+00	4.75E-10	1.00E-15	3.00E-14	5.57E-13	0.00E+00	2.09E-12	0.00E+00	0.00E+00	1.30E-11	2.34E-13	3.29E-11	0.00E+00	6.55E-14	4.44E-11	7.83E-10	0.00E+00	0.00E+00	0.00E+00	9.60E-14	4.00E-15	1.11E-10	0.00E+00	7.83E-10	0.00E+00	7.83E-10	8.94E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	2.81E-12
M-STG03	6.65E-09	6.08E-11	6.86E-11	7.81E-12	0.00E+00	0.00E+00	4.63E-10	1.00E-15	2.90E-14	5.43E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.29E-13	3.21E-11	0.00E+00	6.40E-14	4.33E-11	7.64E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.64E-10	0.00E+00	7.64E-10	8.72E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-12
M-STG04	6.72E-09	6.24E-11	7.05E-11	8.03E-12	0.00E+00	0.00E+00	4.76E-10	1.00E-15	3.00E-14	5.58E-13	0.00E+00	2.09E-12	0.00E+00	0.00E+00	1.31E-11	2.35E-13	3.30E-11	0.00E+00	6.60E-14	4.45E-11	7.85E-10	0.00E+00	0.00E+00	0.00E+00	9.60E-14	4.00E-15	1.11E-10	0.00E+00	7.85E-10	0.00E+00	7.85E-10	8.96E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	2.82E-12
M-STP16	4.61E-09	6.10E-11	6.88E-11	7.84E-12	0.00E+00	0.00E+00	4.64E-10	1.00E-15	3.00E-14	5.45E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.29E-13	3.22E-11	0.00E+00	6.40E-14	4.34E-11	7.66E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.09E-10	0.00E+00	7.66E-10	0.00E+00	7.66E-10	8.75E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.75E-12
M-STP18	4.82E-09	6.09E-11	6.87E-11	7.83E-12	0.00E+00	0.00E+00	4.64E-10	1.00E-15	3.00E-14	5.44E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.29E-13	3.22E-11	0.00E+00	6.40E-14	4.34E-11	7.65E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.09E-10	0.00E+00	7.65E-10	0.00E+00	7.65E-10	8.74E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.75E-12
M-STP20	4.77E-09	6.09E-11	6.87E-11	7.83E-12	0.00E+00	0.00E+00	4.64E-10	1.00E-15	3.00E-14	5.44E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.29E-13	3.22E-11	0.00E+00	6.40E-14	4.34E-11	7.65E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.09E-10	0.00E+00	7.65E-10	0.00E+00	7.65E-10	8.74E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.75E-12
M-STP22	4.75E-09	6.09E-11	6.87E-11	7.83E-12	0.00E+00	0.00E+00	4.64E-10	1.00E-15	3.00E-14	5.44E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.29E-13	3.22E-11	0.00E+00	6.40E-14	4.34E-11	7.66E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.09E-10	0.00E+00	7.66E-10	0.00E+00	7.66E-10	8.74E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.75E-12
M-STPG18	8.40E-06	7.55E-09	8.52E-09	9.71E-10	0.00E+00	0.00E+00	5.75E-08	1.45E-13	3.65E-12	6.74E-11	0.00E+00	2.53E-10	1.00E-15	0.00E+00	1.58E-09	2.84E-11	3.99E-09	0.00E+00	7.93E-12	5.38E-09	9.49E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-11	5.07E-13	1.35E-08	0.00E+00	9.49E-08	0.00E+00	9.49E-08	1.08E-07	1.35E-08	0.00E+00	0.00E+00	0.00E+00	3.41E-10
M-STPG20	8.40E-06	7.55E-09	8.52E-09	9.71E-10	0.00E+00	0.00E+00	5.75E-08	1.45E-13	3.65E-12	6.74E-11	0.00E+00	2.53E-10	1.00E-15	0.00E+00	1.58E-09	2.84E-11	3.99E-09	0.00E+00	7.93E-12	5.38E-09	9.49E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-11	5.07E-13	1.35E-08	0.00E+00	9.49E-08	0.00E+00	9.49E-08	1.08E-07	1.35E-08	0.00E+00	0.00E+00	0.00E+00	3.41E-10
M-STPG22	8.40E-06	7.55E-09	8.52E-09	9.71E-10	0.00E+00	0.00E+00	5.75E-08	1.45E-13	3.65E-12	6.74E-11	0.00E+00	2.53E-10	1.00E-15	0.00E+00	1.58E-09	2.84E-11	3.99E-09	0.00E+00	7.93E-12	5.38E-09	9.49E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-11	5.07E-13	1.35E-08	0.00E+00	9.49E-08	0.00E+00	9.49E-08	1.08E-07	1.35E-08	0.00E+00	0.00E+00	0.00E+00	3.41E-10
M-SW10018	1.13E-08	3.46E-11	3.91E-11	4.45E-12	0.00E+00	0.00E+00	2.64E-10	1.00E-15	1.70E-14	3.09E-13	0.00E+00	1.16E-12	0.00E+00	0.00E+00	7.24E-12	1.30E-13	1.83E-11	0.00E+00	3.60E-14	2.47E-11	4.35E-10	0.00E+00	0.00E+00	0.00E+00	5.30E-14	2.00E-15	6.17E-11	0.00E+00	4.35E-10	0.00E+00	4.35E-10	4.97E-10	6.17E-11	0.00E+00	0.00E+00	0.00E+00	1.56E-12
M-SW10020	1.19E-08	3.66E-11	3.44E-11	3.94E-12	0.00E+00	0.00E+00	2.33E-10	1.00E-15	1.50E-14	2.74E-13	0.00E+00	1.03E-12	0.00E+00	0.00E+00	6.40E-12	1.15E-13	1.62E-11	0.00E+00	3.20E-14	2.18E-11	3.85E-10	0.00E+00	0.00E+00	0.00E+00	4.70E-14	2.00E-15	5.46E-11	0.00E+00	3.85E-10	0.00E+00	3.85E-10	4.40E-10	5.46E-11	0.00E+00	0.00E+00	0.00E+00	1.38E-12
M-SW10020L	1.20E-08	3.66E-11	3.45E-11	3.93E-12	0.00E+00	0.00E+00	2.33E-10	1.00E-15	1.50E-14	2.73E-13	0.00E+00	1.03E-12	0.00E+00	0.00E+00	6.40E-12	1.15E-13	1.62E-11	0.00E+00	3.20E-14	2.18E-11	3.84E-10	0.00E+00	0.00E+00	0.00E+00	4.70E-14	2.00E-15	5.46E-11	0.00E+00	3.84E-10	0.00E+00	3.84E-10	4.39E-10	5.46E-11	0.00E+00	0.00E+00	0.00E+00	1.38E-12
M-SW10022	2.36E-08	4.16E-11	4.70E-11	5.35E-12	0.00E+00	0.00E+00	3.17E-10	1.00E-15	2.00E-14	3.72E-13	0.00E+00	1.40E-12	0.00E+00	0.00E+00	8.70E-12	1.57E-13	2.20E-11	0.00E+00	4.40E-14	2.96E-11	5.23E-10	0.00E+00	0.00E+00	0.00E+00	6.40E-14	3.00E-15	7.42E-11	0.00E+00	5.23E-10	0.00E+00	5.23E-10	5.97E-10	7.42E-11	0.00E+00	0.00E+00	0.00E+00	1.88E-12
M-SW3016	4.21E-04	1.88E-01	3.53E-02	1.52E-01	0.00E+00	0.00E+00	2.19E+00	2.09E-06	2.02E-04	1.25E-03	0.00E+00	3.71E-03	1.68E-08	4.90E-10	2.27E-02	4.06E-04	1.25E-02	0.00E+00	2.64E-04	6.24E-02	1.44E+00	0.00E+00	1.95E-09	2.53E-09	2.93E-04	7.48E-06	1.93E-01	0.00E+00	1.44E+00	3.54E-09	1.44E+00	1.64E+00	1.93E-01	0.00E+00	0.00E+00	0.00E+00	1.13E-02
M-SW3018	7.71E-09	5.77E-11	6.51E-11	7.42E-12	0.00E+00	0.00E+00	4.39E-10	1.00E-15	2.80E-14	5.15E-13	0.00E+00	1.93E-12	0.00E+00	0.00E+00	1.21E-11	2.17E-13	3.05E-11	0.00E+00	6.10E-14	4.11E-11	7.25E-10	0.00E+00	0.00E+00	0.00E+00	8.90E-14	4.00E-15	1.03E-10	0.00E+00	7.25E-10	0.00E+00	7.25E-10	8.28E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	2.60E-12
M-SW3020	8.66E-09	5.56E-11	6.27E-11	7.14E-12	0.00E+00	0.00E+00	4.23E-10	1.00E-15	2.70E-14	4.96E-13	0.00E+00	1.86E-12	0.00E+00	0.00E+00	1.16E-11	2.09E-13	2.93E-11	0.00E+00	5.80E-14	3.96E-11	6.98E-10	0.00E+00	0.00E+00	0.00E+00	8.60E-14	4.00E-15	9.91E-11	0.00E+00	6.98E-10	0.00E+00	6.98E-10	7.97E-10	9.91E-11	0.00E+00	0.00E+00	0.00E+00	2.51E-12
M-SW3020L	8.05E-09	5.58E-11	6.30E-11	7.16E-12	0.00E+00	0.00E+00	4.25E-10	1.00E-15	2.70E-14	4.99E-13	0.00E+00	1.87E-12	0.00E+00	0.00E+00	1.17E-11	2.10E-13	2.95E-11	0.00E+00	5.90E-14	3.98E-11	7.01E-10	0.00E+00	0.00E+00	0.00E+00	8.60E-14	4.00E-15	9.95E-11	0.00E+00	7.01E-10	0.00E+00	7.01E-10	8.01E-10	9.95E-11	0.00E+00	0.00E+00	0.00E+00	2.52E-12
M-SW3022	8.87E-09	5.41E-11	6.11E-11	6.96E-12	0.00E+00	0.00E+00	4.12E-10	1.00E-15	2.60E-14	4.83E-13	0.00E+00	1.81E-12	0.00E+00	0.00E+00	1.13E-11	2.03E-13	2.86E-11	0.00E+00	5.70E-14	3.85E-11	6.80E-10	0.00E+00	0.00E+00	0.00E+00	8.30E-14	4.00E-15	9.65E-11	0.00E+00	6.80E-10	0.00E+00	6.80E-10	7.77E-10	9.65E-11	0.00E+00	0.00E+00	0.00E+00	2.44E-12
M-SW3518	1.67E-04	7.42E-02	1.40E-02	6.02E-02	0.00E+00	0.00E+00	8.68E-01	8.25E-07	7.99E-05	4.97E-04	0.00E+00	1.47E-03	6.64E-09	1.94E-10	8.99E-03	1.61E-04	4.95E-03	0.00E+00	1.05E-04	2.47E-02	5.71E-01	0.00E+00	7.72E-10	9.99E-10	1.16E-04	2.96E-06	7.62E-02	0.00E+00	5.71E-01	1.40E-09	5.71E-01	6.47E-01	7.62E-02	0.00E+00	0.00E+00	0.00E+00	4.49E-03
M-SW3520	2.76E-04	1.23E-01	2.31E-02	9.97E-02	0.00E+00	0.00E+00	1.44E+00	1.37E-06	1.32E-04	8.22E-04	0.00E+00	2.43E-03	1.10E-08	3.21E-10	1.48E-02	2.66E-04	8.19E-03	0.00E+00	1.73E-04	4.08E-02	9.45E-01	0.00E+00	1.28E-09	1.65E-09	1.92E-04	4.90E-06	1.26E-01	0.00E+00	9.45E-01	2.32E-09	9.45E-01	1.07E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	7.43E-03
M-SW4018	8.36E-09	5.43E-11	6.13E-11	6.98E-12	0.00E+00	0.00E+00	4.14E-10	1.00E-15	2.60E-14	4.85E-13	0.00E+00	1.82E-12	0.00E+00	0.00E+00	1.14E-11	2.04E-13	2.87E-11	0.00E+00	5.70E-14	3.87E-11	6.83E-10	0.00E+00	0.00E+00	0.00E+00	8.40E-14	4.00E-15	9.69E-11	0.00E+00	6.83E-10	0.00E+00	6.83E-10	7.80E-10	9.69E-11	0.00E+00	0.00E+00	0.00E+00	2.45E-12
M-SW4020	9.34E-09	5.19E-11	5.85E-11	6.67E-12	0.00E+00	0.00E+00	3.95E-10	1.00E-15	2.50E-14	4.63E-13	0.00E+00	1.74E-12	0.00E+00	0.00E+00	1.08E-11	1.95E-13	2.74E-11	0.00E+00	5.50E-14	3.69E-11	6.52E-10	0.00E+00	0.00E+00	0.00E+00	8.00E-14	3.00E-15	9.25E-11	0.00E+00	6.52E-10	0.00E+00	6.52E-10	7.44E-10	9.25E-11	0.00E+00	0.00E+00	0.00E+00	2.34E-12
M-SW4020L	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
M-SW4022	9.63E-09	5.00E-11	5.65E-11	6.43E-12	0.00E+00	0.00E+00	3.81E-10	1.00E-15	2.40E-14	4.47E-13	0.00E+00	1.68E-12	0.00E+00	0.00E+00	1.05E-11	1.88E-13	2.64E-11	0.00E+00	5.30E-14	3.56E-11	6.29E-10	0.00E+00	0.00E+00	0.00E+00	7.70E-14	3.00E-15	8.92E-11	0.00E+00	6.29E-10	0.00E+00	6.29E-10	7.18E-10	8.92E-11	0.00E+00	0.00E+00	0.00E+00	2.26E-12
M-SW5018	8.75E-09	5.11E-11	5.77E-11	6.57E-12	0.00E+00	0.00E+00	3.89E-10	1.00E-15	2.50E-14	4.56E-13	0.00E+00	1.71E-12	0.00E+00	0.00E+00	1.07E-11	1.92E-13	2.70E-11	0.00E+00	5.40E-14	3.64E-11	6.42E-10	0.00E+00	0.00E+00	0.00E+00	7.90E-14	3.00E-15	9.11E-11	0.00E+00	6.42E-10	0.00E+00	6.42E-10	7.33E-10	9.11E-11	0.00E+00	0.00E+00	0.00E+00	2.30E-12
M-SW5020	1.01E-08	4.81E-11	5.43E-11	6.19E-12	0.00E+00	0.00E+00	3.67E-10	1.00E-15	2.30E-14	4.30E-13	0.00E+00	1.61E-12	0.00E+00	0.00E+00	1.01E-11	1.81E-13	2.54E-11	0.00E+00	5.10E-14	3.43E-11	6.05E-10	0.00E+00	0.00E+00	0.00E+00	7.40E-14	3.00E-15	8.58E-11	0.00E+00	6.05E-10	0.00E+00	6.05E-10	6.91E-10	8.58E-11	0.00E+00	0.00E+00	0.00E+00	2.17E-12
M-SW5020L	8.65E-09	4.87E-11	5.50E-11	6.26E-12	0.00E+00	0.00E+00	3.71E-10	1.00E-15	2.40E-14	4.35E-13	0.00E+00	1.63E-12	0.00E+00	0.00E+00	1.02E-11	1.83E-13	2.57E-11	0.00E+00	5.10E-14	3.47E-11	6.12E-10	0.00E+00	0.00E+00	0.00E+00	7.50E-14	3.00E-15	8.69E-11	0.00E+00	6.12E-10	0.00E+00	6.12E-10	6.99E-10	8.69E-11	0.00E+00	0.00E+00	0.00E+00	2.20E-12
M-SW5022	1.05E-08	4.59E-11	5.18E-11	5.90E-12	0.00E+00	0.00E+00	3.50E-10	1.00E-15	2.20E-14	4.10E-13	0.00E+00	1.54E-12	0.00E+00	0.00E+00	9.60E-12	1.73E-13	2.42E-11	0.00E+00	4.80E-14	3.27E-11	5.77E-10	0.00E+00	0.00E+00	0.00E+00	7.10E-14	3.00E-15	8.19E-11	0.00E+00	5.77E-10	0.00E+00	5.77E-10	6.59E-10	8.19E-11	0.00E+00	0.00E+00	0.00E+00	2.07E-12
M-SW6018	9.27E-09	4.78E-11	5.39E-11	6.14E-12	0.00E+00	0.00E+00	3.64E-10	1.00E-15	2.30E-14	4.27E-13	0.00E+00	1.60E-12	0.00E+00	0.00E+00	9.99E-12	1.80E-13	2.52E-11	0.00E+00	5.00E-14	3.40E-11	6.01E-10	0.00E+00	0.00E+00	0.00E+00	7.40E-14	3.00E-15	8.52E-11	0.00E+00	6.01E-10	0.00E+00	6.01E-10	6.86E-10	8.52E-11	0.00E+00	0.00E+00	0.00E+00	2.16E-12
M-SW6020	1.11E-08	4.46E-11	5.04E-11	5.74E-12	0.00E+00	0.00E+00	3.40E-10	1.00E-15	2.20E-14	3.99E-13	0.00E+00	1.50E-12	0.00E+00	0.00E+00	9.33E-12	1.68E-13	2.36E-11	0.00E+00	4.70E-14	3.18E-11	5.61E-10	0.00E+00	0.00E+00	0.00E+00	6.90E-14	3.00E-15	7.96E-11	0.00E+00	5.61E-10	0.00E+00	5.61E-10	6.40E-10	7.96E-11	0.00E+00	0.00E+00	0.00E+00	2.01E-12
M-SW6020L	9.67E-09	4.52E-11	5.10E-11	5.82E-12	0.00E+00	0.00E+00	3.44E-10	1.00E-15	2.20E-14	4.04E-13	0.00E+00	1.52E-12	0.00E+00	0.00E+00	9.46E-12	1.70E-13	2.39E-11	0.00E+00	4.76E-14	3.22E-11	5.68E-10	0.00E+00	0.00E+00	0.00E+00	7.00E-14	3.00E-15	8.07E-11	0.00E+00	5.68E-10	0.00E+00	5.68E-10	6.49E-10	8.07E-11	0.00E+00	0.00E+00	0.00E+00	2.04E-12
M-SW6022	1.01E-08	4.23E-11	4.77E-11	5.44E-12	0.00E+00	0.00E+00	3.22E-10	1.00E-15	2.10E-14	3.78E-13	0.00E+00	1.42E-12	0.00E+00	0.00E+00	8.84E-12	1.59E-13	2.23E-11	0.00E+00	4.40E-14	3.01E-11	5.32E-10	0.00E+00	0.00E+00	0.00E+00	6.50E-14	3.00E-15	7.54E-11	0.00E+00	5.32E-10	0.00E+00	5.32E-10	6.07E-10	7.54E-11	0.00E+00	0.00E+00	0.00E+00	1.91E-12
M-SW8018	1.03E-08	4.12E-11	4.65E-11	5.30E-12	0.00E+00	0.00E+00	3.14E-10	1.00E-15	2.00E-14	3.68E-13	0.00E+00	1.38E-12	0.00E+00	0.00E+00	8.61E-12	1.55E-13	2.18E-11	0.00E+00	4.30E-14	2.93E-11	5.18E-10	0.00E+00	0.00E+00	0.00E+00	6.40E-14	3.00E-15	7.35E-11	0.00E+00	5.18E-10	0.00E+00	5.18E-10	5.91E-10	7.35E-11	0.00E+00	0.00E+00	0.00E+00	1.86E-12
M-SW8020	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
M-SW8020L	1.06E-08	3.79E-11	4.28E-11	4.87E-12	0.00E+00	0.00E+00	2.89E-10	1.00E-15	1.80E-14	3.39E-13	0.00E+00	1.27E-12	0.00E+00	0.00E+00	7.92E-12	1.43E-13	2.00E-11	0.00E+00	4.00E-14	2.70E-11	4.76E-10	0.00E+00	0.00E+00	0.00E+00	5.90E-14	3.00E-15	6.76E-11	0.00E+00	4.76E-10	0.00E+00	4.76E-10	5.44E-10	6.76E-11	0.00E+00	0.00E+00	0.00E+00	1.71E-12
M-SW8022	1.13E-08	3.46E-11	3.91E-11	4.45E-12	0.00E+00	0.00E+00	2.64E-10	1.00E-15	1.70E-14	3.10E-13	0.00E+00	1.16E-12	0.00E+00	0.00E+00	7.24E-12	1.30E-13	1.83E-11	0.00E+00	3.60E-14	2.47E-11	4.35E-10	0.00E+00	0.00E+00	0.00E+00	5.30E-14	2.00E-15	6.18E-11	0.00E+00	4.35E-10	0.00E+00	4.35E-10	4.97E-10	6.18E-11	0.00E+00	0.00E+00	0.00E+00	1.56E-12
M-SW9018	1.08E-08	3.79E-11	4.28E-11	4.87E-12	0.00E+00	0.00E+00	2.89E-10	1.00E-15	1.80E-14	3.39E-13	0.00E+00	1.27E-12	0.00E+00	0.00E+00	7.93E-12	1.43E-13	2.00E-11	0.00E+00	4.00E-14	2.70E-11	4.76E-10	0.00E+00	0.00E+00	0.00E+00	5.90E-14	3.00E-15	6.76E-11	0.00E+00	4.76E-10	0.00E+00	4.76E-10	5.44E-10	6.76E-11	0.00E+00	0.00E+00	0.00E+00	1.71E-12
M-SW9020	1.12E-08	3.43E-11	3.87E-11	4.41E-12	0.00E+00	0.00E+00	2.61E-10	1.00E-15	1.70E-14	3.07E-13	0.00E+00	1.15E-12	0.00E+00	0.00E+00	7.16E-12	1.29E-13	1.81E-11	0.00E+00	3.60E-14	2.44E-11	4.31E-10	0.00E+00	0.00E+00	0.00E+00	5.30E-14	2.00E-15	6.12E-11	0.00E+00	4.31E-10	0.00E+00	4.31E-10	4.92E-10	6.12E-11	0.00E+00	0.00E+00	0.00E+00	1.55E-12
M-SW9020L	1.13E-08	3.43E-11	3.87E-11	4.41E-12	0.00E+00	0.00E+00	2.61E-10	1.00E-15	1.70E-14	3.08E-13	0.00E+00	1.15E-12	0.00E+00	0.00E+00	7.16E-12	1.29E-13	1.81E-11	0.00E+00	3.60E-14	2.44E-11	4.31E-10	0.00E+00	0.00E+00	0.00E+00	5.30E-14	2.00E-15	6.11E-11	0.00E+00	4.31E-10	0.00E+00	4.31E-10	4.92E-10	6.11E-11	0.00E+00	0.00E+00	0.00E+00	1.55E-12
M-SWE10018	5.17E-09	3.48E-11	3.93E-11	4.47E-12	0.00E+00	0.00E+00	2.65E-10	1.00E-15	1.70E-14	3.11E-13	0.00E+00	1.17E-12	0.00E+00	0.00E+00	7.27E-12	1.31E-13	1.84E-11	0.00E+00	3.70E-14	2.48E-11	4.37E-10	0.00E+00	0.00E+00	0.00E+00	5.40E-14	2.00E-15	6.20E-11	0.00E+00	4.37E-10	0.00E+00	4.37E-10	4.96E-10	6.20E-11	0.00E+00	0.00E+00	0.00E+00	1.57E-12
M-SWE10020	5.53E-09	3.05E-11	3.45E-11	3.93E-12	0.00E+00	0.00E+00	2.33E-10	1.00E-15	1.50E-14	2.73E-13	0.00E+00	1.02E-12	0.00E+00	0.00E+00	6.38E-12	1.15E-13	1.61E-11	0.00E+00	3.20E-14	2.17E-11	3.84E-10	0.00E+00	0.00E+00	0.00E+00	4.70E-14	2.00E-15	5.44E-11	0.00E+00	3.84E-10	0.00E+00	3.84E-10	4.38E-10	5.44E-11	0.00E+00	0.00E+00	0.00E+00	1.38E-12
M-SWE10022	5.65E-09	2.67E-11	3.02E-11	3.43E-12	0.00E+00	0.00E+00	2.03E-10	1.00E-15	1.30E-14	2.39E-13

M-SWF10022	7.54E-09	6.49E-11	7.32E-11	8.35E-12	0.00E+00	0.00E+00	4.94E-10	1.00E-15	3.10E-14	5.80E-13	0.00E+00	2.18E-12	0.00E+00	0.00E+00	1.36E-11	2.44E-13	3.43E-11	0.00E+00	6.80E-14	4.62E-11	8.16E-10	0.00E+00	0.00E+00	0.00E+00	1.00E-13	4.00E-15	1.16E-10	0.00E+00	8.16E-10	0.00E+00	8.16E-10	9.31E-10	1.16E-10	0.00E+00	0.00E+00	0.00E+00	2.93E-12
M-SWF14020	2.50E-10	7.16E-11	8.11E-11	9.24E-12	0.00E+00	0.00E+00	5.47E-10	1.00E-15	3.50E-14	6.42E-13	0.00E+00	2.41E-12	0.00E+00	0.00E+00	1.50E-11	2.70E-13	3.80E-11	0.00E+00	7.80E-14	5.12E-11	9.03E-10	0.00E+00	0.00E+00	0.00E+00	1.11E-13	5.00E-15	1.28E-10	0.00E+00	9.03E-10	0.00E+00	9.03E-10	1.03E-09	1.28E-10	0.00E+00	0.00E+00	0.00E+00	3.24E-12
M-SWF14022	3.68E-04	1.73E-01	3.25E-02	1.40E-01	0.00E+00	0.00E+00	2.02E+00	1.92E-06	1.86E-04	1.16E-05	0.00E+00	3.42E-03	1.55E-08	4.51E-10	2.09E-02	3.74E-04	1.15E-02	0.00E+00	2.43E-04	5.74E-02	1.33E+00	0.00E+00	1.80E-09	2.33E-09	2.70E-04	6.89E-06	1.77E-01	0.00E+00	1.33E+00	3.26E-09	1.33E+00	1.51E+00	1.77E-01	0.00E+00	0.00E+00	0.00E+00	1.04E-02
M-SWF16020	2.56E-09	7.34E-11	8.28E-11	9.43E-12	0.00E+00	0.00E+00	5.59E-10	1.00E-15	3.60E-14	6.55E-13	0.00E+00	2.46E-12	0.00E+00	0.00E+00	1.53E-11	2.76E-13	3.87E-11	0.00E+00	7.70E-14	5.23E-11	9.22E-10	0.00E+00	0.00E+00	0.00E+00	1.13E-13	5.00E-15	1.31E-10	0.00E+00	9.22E-10	0.00E+00	9.22E-10	1.05E-09	1.31E-10	0.00E+00	0.00E+00	0.00E+00	3.31E-12
M-SWF16022	6.76E-04	3.01E-01	5.67E-02	2.44E-01	0.00E+00	0.00E+00	3.52E+00	3.35E-06	3.24E-04	2.01E-05	0.00E+00	5.95E-03	2.69E-08	7.87E-10	3.63E-02	6.51E-04	2.01E-02	0.00E+00	4.24E-04	1.00E-01	2.32E+00	0.00E+00	3.13E-09	4.05E-09	4.71E-04	1.20E-05	3.09E-01	0.00E+00	2.32E+00	5.68E-09	2.32E+00	2.62E+00	3.09E-01	0.00E+00	0.00E+00	0.00E+00	1.82E-02
M-SWF3016	3.97E-04	1.77E-01	3.33E-02	1.44E-01	0.00E+00	0.00E+00	2.07E+00	1.97E-06	1.90E-04	1.18E-05	0.00E+00	3.50E-03	1.58E-08	4.62E-10	2.13E-02	3.82E-04	1.18E-02	0.00E+00	2.49E-04	5.88E-02	1.36E+00	0.00E+00	1.84E-09	2.38E-09	2.76E-04	7.05E-06	1.81E-01	0.00E+00	1.36E+00	3.34E-09	1.36E+00	1.54E+00	1.81E-01	0.00E+00	0.00E+00	0.00E+00	1.07E-02
M-SWF3018	2.76E-09	6.14E-11	6.93E-11	7.89E-12	0.00E+00	0.00E+00	4.68E-10	1.00E-15	3.00E-14	5.48E-13	0.00E+00	2.06E-12	0.00E+00	0.00E+00	1.28E-11	2.31E-13	3.24E-11	0.00E+00	6.50E-14	4.37E-11	7.72E-10	0.00E+00	0.00E+00	0.00E+00	9.50E-14	4.00E-15	1.09E-10	0.00E+00	7.72E-10	0.00E+00	7.72E-10	8.81E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.77E-12
M-SWF3020	2.45E-09	6.14E-11	6.93E-11	7.90E-12	0.00E+00	0.00E+00	4.68E-10	1.00E-15	3.00E-14	5.49E-13	0.00E+00	2.06E-12	0.00E+00	0.00E+00	1.28E-11	2.31E-13	3.24E-11	0.00E+00	6.50E-14	4.38E-11	7.72E-10	0.00E+00	0.00E+00	0.00E+00	9.50E-14	4.00E-15	1.10E-10	0.00E+00	7.72E-10	0.00E+00	7.72E-10	8.82E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	2.77E-12
M-SWF3022	2.60E-09	6.13E-11	6.92E-11	7.88E-12	0.00E+00	0.00E+00	4.67E-10	1.00E-15	3.00E-14	5.47E-13	0.00E+00	2.06E-12	0.00E+00	0.00E+00	1.28E-11	2.30E-13	3.24E-11	0.00E+00	6.40E-14	4.36E-11	7.70E-10	0.00E+00	0.00E+00	0.00E+00	9.50E-14	4.00E-15	1.09E-10	0.00E+00	7.70E-10	0.00E+00	7.70E-10	8.79E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.76E-12
M-SWF3518	2.30E-04	1.03E-01	1.93E-02	8.33E-02	0.00E+00	0.00E+00	1.20E+00	1.14E-06	1.10E-04	6.86E-06	0.00E+00	2.03E-03	9.17E-09	2.68E-10	1.24E-02	2.22E-04	6.84E-03	0.00E+00	1.44E-04	3.41E-02	7.89E-01	0.00E+00	1.07E-09	1.38E-09	1.60E-04	4.09E-06	1.05E-01	0.00E+00	7.89E-01	1.94E-09	7.89E-01	8.94E-01	1.05E-01	0.00E+00	0.00E+00	0.00E+00	6.20E-03
M-SWF3520	2.33E-04	1.04E-01	1.96E-02	8.43E-02	0.00E+00	0.00E+00	1.22E+00	1.16E-06	1.12E-04	6.95E-06	0.00E+00	2.05E-03	9.29E-09	2.72E-10	1.25E-02	2.25E-04	6.93E-03	0.00E+00	1.46E-04	3.45E-02	7.99E-01	0.00E+00	1.08E-09	1.40E-09	1.62E-04	4.14E-06	1.07E-01	0.00E+00	7.99E-01	1.96E-09	7.99E-01	9.06E-01	1.07E-01	0.00E+00	0.00E+00	0.00E+00	6.28E-03
M-SWF4018	1.66E-09	6.17E-11	6.96E-11	7.93E-12	0.00E+00	0.00E+00	4.70E-10	1.00E-15	3.00E-14	5.51E-13	0.00E+00	2.07E-12	0.00E+00	0.00E+00	1.29E-11	2.32E-13	3.26E-11	0.00E+00	6.50E-14	4.39E-11	7.75E-10	0.00E+00	0.00E+00	0.00E+00	9.50E-14	4.00E-15	1.10E-10	0.00E+00	7.75E-10	0.00E+00	7.75E-10	8.85E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	2.78E-12
M-SWF4020	1.39E-08	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-08	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.42E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
M-SWF4022	1.26E-09	6.20E-11	7.00E-11	7.97E-12	0.00E+00	0.00E+00	4.72E-10	1.00E-15	3.00E-14	5.54E-13	0.00E+00	2.08E-12	0.00E+00	0.00E+00	1.30E-11	2.33E-13	3.27E-11	0.00E+00	6.50E-14	4.42E-11	7.79E-10	0.00E+00	0.00E+00	0.00E+00	9.60E-14	4.00E-15	1.11E-10	0.00E+00	7.79E-10	0.00E+00	7.79E-10	8.90E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	2.80E-12
M-SWF5018	5.01E-10	6.23E-11	7.03E-11	8.01E-12	0.00E+00	0.00E+00	4.74E-10	1.00E-15	3.00E-14	5.56E-13	0.00E+00	2.09E-12	0.00E+00	0.00E+00	1.30E-11	2.34E-13	3.28E-11	0.00E+00	6.50E-14	4.44E-11	7.83E-10	0.00E+00	0.00E+00	0.00E+00	9.60E-14	4.00E-15	1.11E-10	0.00E+00	7.83E-10	0.00E+00	7.83E-10	8.94E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	2.81E-12
M-SWF5020	1.88E-10	6.25E-11	7.05E-11	8.03E-12	0.00E+00	0.00E+00	4.76E-10	1.00E-15	3.00E-14	5.58E-13	0.00E+00	2.10E-12	0.00E+00	0.00E+00	1.31E-11	2.35E-13	3.30E-11	0.00E+00	6.60E-14	4.46E-11	7.85E-10	0.00E+00	0.00E+00	0.00E+00	9.60E-14	4.00E-15	1.11E-10	0.00E+00	7.85E-10	0.00E+00	7.85E-10	8.97E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	2.82E-12
M-SWF5022	1.70E-10	6.22E-11	7.01E-11	7.99E-12	0.00E+00	0.00E+00	4.73E-10	1.00E-15	3.00E-14	5.55E-13	0.00E+00	2.08E-12	0.00E+00	0.00E+00	1.30E-11	2.34E-13	3.28E-11	0.00E+00	6.50E-14	4.43E-11	7.81E-10	0.00E+00	0.00E+00	0.00E+00	9.60E-14	4.00E-15	1.11E-10	0.00E+00	7.81E-10	0.00E+00	7.81E-10	8.92E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	2.80E-12
M-SWF6018	5.94E-10	6.26E-11	7.06E-11	8.04E-12	0.00E+00	0.00E+00	4.76E-10	1.00E-15	3.00E-14	5.59E-13	0.00E+00	2.10E-12	0.00E+00	0.00E+00	1.31E-11	2.35E-13	3.30E-11	0.00E+00	6.60E-14	4.46E-11	7.86E-10	0.00E+00	0.00E+00	0.00E+00	9.70E-14	4.00E-15	1.12E-10	0.00E+00	7.86E-10	0.00E+00	7.86E-10	8.98E-10	1.12E-10	0.00E+00	0.00E+00	0.00E+00	2.82E-12
M-SWF6020	3.88E-10	6.23E-11	7.03E-11	8.01E-12	0.00E+00	0.00E+00	4.74E-10	1.00E-15	3.00E-14	5.56E-13	0.00E+00	2.09E-12	0.00E+00	0.00E+00	1.30E-11	2.34E-13	3.29E-11	0.00E+00	6.50E-14	4.44E-11	7.83E-10	0.00E+00	0.00E+00	0.00E+00	9.60E-14	4.00E-15	1.11E-10	0.00E+00	7.83E-10	0.00E+00	7.83E-10	8.94E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	2.81E-12
M-SWF6022	2.08E-09	6.32E-11	7.14E-11	8.13E-12	0.00E+00	0.00E+00	4.82E-10	1.00E-15	3.10E-14	5.65E-13	0.00E+00	2.12E-12	0.00E+00	0.00E+00	1.32E-11	2.38E-13	3.34E-11	0.00E+00	6.60E-14	4.50E-11	7.95E-10	0.00E+00	0.00E+00	0.00E+00	9.80E-14	4.00E-15	1.13E-10	0.00E+00	7.95E-10	0.00E+00	7.95E-10	9.08E-10	1.13E-10	0.00E+00	0.00E+00	0.00E+00	2.85E-12
M-SWF8018	2.85E-09	6.35E-11	7.16E-11	8.16E-12	0.00E+00	0.00E+00	4.83E-10	1.00E-15	3.10E-14	5.67E-13	0.00E+00	2.13E-12	0.00E+00	0.00E+00	1.33E-11	2.39E-13	3.35E-11	0.00E+00	6.70E-14	4.52E-11	7.98E-10	0.00E+00	0.00E+00	0.00E+00	9.80E-14	4.00E-15	1.13E-10	0.00E+00	7.98E-10	0.00E+00	7.98E-10	9.11E-10	1.13E-10	0.00E+00	0.00E+00	0.00E+00	2.86E-12
M-SWF8020	2.69E-09	6.32E-11	7.13E-11	8.13E-12	0.00E+00	0.00E+00	4.81E-10	1.00E-15	3.10E-14	5.65E-13	0.00E+00	2.12E-12	0.00E+00	0.00E+00	1.32E-11	2.38E-13	3.34E-11	0.00E+00	6.60E-14	4.50E-11	7.94E-10	0.00E+00	0.00E+00	0.00E+00	9.80E-14	4.00E-15	1.13E-10	0.00E+00	7.94E-10	0.00E+00	7.94E-10	9.07E-10	1.13E-10	0.00E+00	0.00E+00	0.00E+00	2.85E-12
M-SWF8022	4.81E-09	6.42E-11	7.25E-11	8.26E-12	0.00E+00	0.00E+00	4.89E-10	1.00E-15	3.10E-14	5.74E-13	0.00E+00	2.16E-12	0.00E+00	0.00E+00	1.34E-11	2.42E-13	3.39E-11	0.00E+00	6.80E-14	4.58E-11	8.07E-10	0.00E+00	0.00E+00	0.00E+00	9.90E-14	4.00E-15	1.15E-10	0.00E+00	8.07E-10	0.00E+00	8.07E-10	9.22E-10	1.15E-10	0.00E+00	0.00E+00	0.00E+00	2.90E-12
M-SWF9018	3.78E-09	6.36E-11	7.17E-11	8.17E-12	0.00E+00	0.00E+00	4.84E-10	1.00E-15	3.10E-14	5.68E-13	0.00E+00	2.13E-12	0.00E+00	0.00E+00	1.33E-11	2.39E-13	3.36E-11	0.00E+00	6.70E-14	4.53E-11	7.99E-10	0.00E+00	0.00E+00	0.00E+00	9.80E-14	4.00E-15	1.13E-10	0.00E+00	7.99E-10	0.00E+00	7.99E-10	9.12E-10	1.13E-10	0.00E+00	0.00E+00	0.00E+00	2.87E-12
M-SWF9020	4.99E-09	6.42E-11	7.25E-11	8.26E-12	0.00E+00	0.00E+00	4.89E-10	1.00E-15	3.10E-14	5.74E-13	0.00E+00	2.15E-12	0.00E+00	0.00E+00	1.34E-11	2.42E-13	3.39E-11	0.00E+00	6.80E-14	4.58E-11	8.07E-10	0.00E+00	0.00E+00	0.00E+00	9.90E-14	4.00E-15	1.15E-10	0.00E+00	8.07E-10	0.00E+00	8.07E-10	9.22E-10	1.15E-10	0.00E+00	0.00E+00	0.00E+00	2.90E-12
M-SWF9022	6.05E-09	6.45E-11	7.28E-11	8.29E-12	0.00E+00	0.00E+00	4.91E-10	1.00E-15	3.10E-14	5.76E-13	0.00E+00	2.16E-12	0.00E+00	0.00E+00	1.35E-11	2.42E-13	3.41E-11	0.00E+00	6.80E-14	4.59E-11	8.10E-10	0.00E+00	0.00E+00	0.00E+00	1.00E-13	4.00E-15	1.15E-10	0.00E+00	8.10E-10	0.00E+00	8.10E-10	9.25E-10	1.15E-10	0.00E+00	0.00E+00	0.00E+00	2.91E-12
M-SWFG10020	7.91E-09	6.54E-11	7.38E-11	8.40E-12	0.00E+00	0.00E+00	4.98E-10	1.00E-15	3.20E-14	5.84E-13	0.00E+00	2.19E-12	0.00E+00	0.00E+00	1.37E-11	2.46E-13	3.45E-11	0.00E+00	6.90E-14	4.66E-11	8.21E-10	0.00E+00	0.00E+00	0.00E+00	1.01E-13	4.00E-15	1.17E-10	0.00E+00	8.21E-10	0.00E+00	8.21E-10	9.38E-10	1.17E-10	0.00E+00	0.00E+00	0.00E+00	2.95E-12
M-SWFG10022	9.16E-09	6.57E-11	7.41E-11	8.45E-12	0.00E+00	0.00E+00	5.00E-10	1.00E-15	3.20E-14	5.87E-13	0.00E+00	2.20E-12	0.00E+00	0.00E+00	1.37E-11	2.47E-13	3.47E-11	0.00E+00	6.90E-14	4.68E-11	8.26E-10	0.00E+00	0.00E+00	0.00E+00	1.01E-13	4.00E-15	1.17E-10	0.00E+00	8.26E-10	0.00E+00	8.26E-10	9.43E-10	1.17E-10	0.00E+00	0.00E+00	0.00E+00	2.96E-12
M-SWFG3018	1.10E-09	6.22E-11	7.02E-11	8.00E-12	0.00E+00	0.00E+00	4.74E-10	1.00E-15	3.00E-14	5.56E-13	0.00E+00	2.09E-12	0.00E+00	0.00E+00	1.30E-11	2.34E-13	3.28E-11	0.00E+00	6.50E-14	4.43E-11	7.82E-10	0.00E+00	0.00E+00	0.00E+00	9.60E-14	4.00E-15	1.11E-10	0.00E+00	7.82E-10	0.00E+00	7.82E-10	8.92E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	2.81E-12
M-SWFG3020	1.15E-09	6.21E-11	7.01E-11	7.98E-12	0.00E+00	0.00E+00	4.73E-10	1.00E-15	3.00E-14	5.55E-13	0.00E+00	2.08E-12	0.00E+00	0.00E+00	1.30E-11	2.33E-13	3.28E-11	0.00E+00	6.50E-14	4.42E-11	7.80E-10	0.00E+00	0.00E+00	0.00E+00	9.60E-14	4.00E-15	1.11E-10	0.00E+00	7.80E-10	0.00E+00	7.80E-10	8.91E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	2.80E-12
M-SWFG3022	8.63E-10	6.21E-11	7.01E-11	7.98E-12	0.00E+00	0.00E+00	4.73E-10	1.00E-15	3.00E-14	5.55E-13	0.00E+00	2.08E-12	0.00E+00	0.00E+00	1.30E-11	2.33E-13	3.28E-11	0.00E+00	6.50E-14	4.42E-11	7.80E-10	0.00E+00	0.00E+00	0.00E+00	9.60E-14	4.00E-15	1.11E-10	0.00E+00	7.80E-10	0.00E+00	7.80E-10	8.91E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	2.80E-12
M-SWFG4018	3.50E-11	6.25E-11	7.05E-11	8.03E-12	0.00E+00	0.00E+00	4.76E-10	1.00E-15	3.00E-14	5.58E-13	0.00E+00	2.10E-12	0.00E+00	0.00E+00	1.31E-11	2.35E-13	3.30E-11	0.00E+00	6.60E-14	4.45E-11	7.85E-10	0.00E+00	0.00E+00	0.00E+00	9.60E-14	4.00E-15	1.11E-10	0.00E+00	7.85E-10	0.00E+00	7.85E-10	8.96E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	2.82E-12
M-SWFG4020	4.29E-11	6.27E-11	7.08E-11	8.06E-12	0.00E+00	0.00E+00	4.78E-10	1.00E-15	3.00E-14	5.60E-13	0.00E+00	2.10E-12	0.00E+00	0.00E+00	1.31E-11	2.36E-13	3.31E-11	0.00E+00	6.60E-14	4.47E-11	7.88E-10	0.00E+00	0.00E+00	0.00E+00	9.70E-14	4.00E-15	1.12E-10	0.00E+00	7.88E-10	0.00E+00	7.88E-10	9.00E-10	1.12E-10	0.00E+00	0.00E+00	0.00E+00	2.83E-12
M-SWFG4022	4.53E-10	6.28E-11	7.09E-11	8.07E-12	0.00E+00	0.00E+00	4.78E-10	1.00E-15	3.00E-14	5.61E-13	0.00E+00	2.11E-12	0.00E+00	0.00E+00	1.31E-11	2.36E-13	3.32E-11	0.00E+00	6.60E-14	4.47E-11	7.89E-10	0.00E+00	0.00E+00	0.00E+00	9.70E-14	4.00E-15	1.12E-10	0.00E+00	7.89E-10	0.00E+00	7.89E-10	9.01E-10	1.12E-10	0.00E+00	0.00E+00	0.00E+00	2.83E-12
M-SWFG5018	1.23E-09	6.31E-11	7.12E-11	8.12E-12	0.00E+00	0.00E+00	4.81E-10	1.00E-15	3.10E-14	5.64E-13	0.00E+00	2.12E-12	0.00E+00	0.00E+00	1.32E-11	2.37E-13	3.33E-11	0.00E+00	6.60E-14	4.50E-11	7.93E-10	0.00E+00	0.00E+00	0.00E+00	9.70E-14	4.00E-15	1.13E-10	0.00E+00	7.93E-10	0.00E+00	7.93E-10	9.06E-10	1.13E-10	0.00E+00	0.00E+00	0.00E+00	2.85E-12
M-SWFG5020	1.84E-09	6.33E-11	7.14E-11	8.14E-12	0.00E+00	0.00E+00	4.82E-10	1.00E-15	3.10E-14	5.65E-13	0.00E+00	2.12E-12	0.00E+00	0.00E+00	1.32E-11	2.38E-13	3.34E-11	0.00E+00	6.60E-14	4.51E-11	7.95E-10	0.00E+00	0.00E+00	0.00E+00	9.80E-14	4.00E-15	1.13E-10	0.00E+00	7.95E-10	0.00E+00	7.95E-10	9.08E-10	1.13E-10	0.00E+00	0.00E+00	0.00E+00	2.85E-12
M-SWFG5022	2.29E-09	6.33E-11	7.14E-11	8.14E-12	0.00E+00	0.00E+00	4.82E-10	1.00E-15	3.10E-14	5.65E-13	0.00E+00	2.12E-12	0.00E+00	0.00E+00	1.32E-11	2.38E-13	3.34E-11	0.00E+00	6.60E-14	4.51E-11	7.95E-10	0.00E+00	0.00E+00	0.00E+00	9.80E-14	4.00E-15	1.13E-10	0.00E+00	7.95E-10	0.00E+00	7.95E-10	9.08E-10	1.13E-10	0.00E+00	0.00E+00	0.00E+00	2.85E-12
M-SWFG6018	2.36E-09	6.34E-11	7.16E-11	8.15E-12	0.00E+00	0.00E+00	4.83E-10	1.00E-15	3.10E-14	5.66E-13	0.00E+00	2.13E-12	0.00E+00	0.00E+00	1.33E-11	2.38E-13	3.35E-11	0.00E+00	6.70E-14	4.52E-11	7.97E-10	0.00E+00	0.00E+00	0.00E+00	9.80E-14	4.00E-15	1.13E-10	0.00E+00	7.97E-10	0.00E+00	7.97E-10	9.10E-10	1.13E-10	0.00E+00	0.00E+00	0.00E+00	2.86E-12
M-SWFG6020	2.10E-09	6.31E-11	7.12E-11	8.11E-12	0.00E+00	0.00E+00	4.81E-10	1.00E-15	3.10E-14	5.64E-13	0.00E+00	2.12E-12	0.00E+00	0.00E+00	1.32E-11	2.37E-13	3.33E-11	0.00E+00	6.60E-14	4.50E-11	7.93E-10	0.00E+00	0.00E+00	0.00E+00	9.70E-14	4.00E-15	1.13E-10	0.00E+00	7.93E-10	0.00E+00	7.93E-10	9.06E-10	1.13E-10	0.00E+00	0.00E+00	0.00E+00	2.85E-12
M-SWFG6022	2.88E-09	6.37E-11	7.19E-11	8.19E-12	0.00E+00	0.00E+00	4.85E-10	1.00E-15	3.10E-14	5.69E-13	0.00E+00	2.14E-12	0.00E+00	0.00E+00	1.33E-11	2.39E-13	3.36E-11	0.00E+00	6.70E-14	4.54E-11	8.00E-10	0.00E+00	0.00E+00	0.00E+00	9.80E-14	4.00E-15	1.14E-10	0.00E+00	8.00E-10	0.00E+00	8.00E-10	9.14E-10	1.14E-10	0.00E+00	0.00E+00	0.00E+00	2.87E-12
M-SWFG8018	4.55E-09	6.43E-11	7.25E-11	8.26E-12	0.00E+00	0.00E+00	4.90E-10	1.00E-15	3.10E-14	5.74E-13	0.00E+00	2.16E-12	0.00E+00	0.00E+00	1.34E-11	2.42E-13	3.39E-11	0.00E+00	6.80E-14	4.58E-11	8.08E-10	0.00E+00	0.00E+00	0.00E+00	9.90E-14	4.00E-15	1.15E-10	0.00E+00	8.08E-10	0.00E+00	8.08E-10	9.22E-10	1.15E-10	0.00E+00	0.00E+00	0.00E+00	2.90E-12
M-SWFG8020	4.40E-09	6.40E-11	7.23E-11	8.23E-12	0.00E+00	0.00E+00	4.88E-10	1.00E-15	3.10E-14	5.72E-13	0.00E+00	2.15E-12	0.00E+00	0.00E+00	1.34E-11	2.41E-13	3.38E-11	0.00E+00	6.70E-14	4.56E-11	8.05E-10	0.00E+00	0.00E+00	0.00E+00	9.90E-14	4.00E-15	1.14E-10	0.00E+00	8.05E-10	0.00E+00	8.05E-10	9.19E-10	1.14E-10	0.00E+00	0.00E+00	0.00E+00	2.89E-12
M-SWFG8022	5.31E-09	6.46E-11	7.29E-11	8.30E-12	0.00E+00	0.00E+00	4.92E-10	1.00E-15	3.10E-14	5.77E-13	0.00E+00	2.17E-12	0.00E+00	0.00E+00	1.35E-11	2.43E-13	3.41E-11	0.00E+00	6.80E-14	4.60E-11	8.11E-10	0.00E+00	0.00E+00	0.00E+00	1.00E-13	4.00E-15	1.15E-10	0.00E+00	8.11E-10	0.00E+00	8.11E-10	9.27E-10	1.15E-10	0.00E+00	0.00E+00	0.00E+00	2.91E-12
M-SWG10020	9.88E-08	1.07E-10	1.21E-10	1.38E-11	0.00E+00	0.00E+00	8.18E-10	2.00E-15	5.20E-14	9.59E-13	0.00E+00	3.60E-12	0.00E+00	0.00E+00	2.24E-11	4.04E-13	5.67E-11	0.00E+00	1.13E-13	7.65E-11	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-13	7.00E-15	1.91E-10	0.00E+00	1.33E-09	0.00E+00	1.33E-09	1.54E-09	1.91E-10	0.00E+00	0.00E+00	0.00E+00	4.84E-12
M-SWG10022	9.92E-08	1.03E-10	1.17E-10	1.33E-11	0.00E+00	0.00E+00	7.87E-10	2.00E-15	5.00E-14	9.23E-13	0.00E+00	3.47E-12	0.00E+00	0.00E+00	2.16E-11	3.89E-13	5.46E-11	0.00E+00	1.09E-13	7.36E-11	1.30E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-13	7.00E-15	1.84E-10	0.00E+00	1.30E-09	0.00E+00	1.30E-09	1.48E-09	1.84E-10	0.00E+00	0.00E+00	0.00E+00	4.66E-12
M-SWG3018	9.43E-08	1.34E-10	1.52E-10	1.73E-11	0.00E+00	0.00E+00	1.02E-09	3.00E-15	6.50E-14	1.20E-12	0.00E+00	4.51E-12	0.00E+00	0.00E+00	2.81E-11	5.06E-13	7.10E-11	0.00E+00	1.41E-13	9.58E-11	1.69E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-13	9.00E-15	2.40E-10	0.00E+00	1.69E-09	0.00E+00	1.69E-09	1.93E-09	2.40E-10	0.00E+00	0.00E+00	0.00E+00	6.06E-12
M-SWG3020	9.53E-08	1.32E-

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U-AM705ETB630-3	2.68E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.90E-13	1.65E-11	0.00E+00	6.18E-11	0.00E+00	0.00E+00	3.85E-10	6.93E-12	9.73E-10	0.00E+00	1.93E-12	1.31E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.64E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.31E-11
U-AM705ETH125-4	2.30E-08	4.33E-10	4.89E-10	5.57E-11	0.00E+00	0.00E+00	3.30E-09	8.00E-15	2.10E-13	3.87E-12	0.00E+00	1.45E-11	0.00E+00	0.00E+00	9.06E-11	1.63E-12	2.29E-10	0.00E+00	4.55E-13	3.09E-10	5.45E-09	0.00E+00	0.00E+00	0.00E+00	6.69E-13	2.90E-14	7.73E-10	0.00E+00	5.45E-09	0.00E+00	5.45E-09	6.22E-09	7.73E-10	0.00E+00	0.00E+00	0.00E+00	1.95E-11
U-AM705ETS125-4	2.30E-08	4.33E-10	4.89E-10	5.57E-11	0.00E+00	0.00E+00	3.30E-09	8.00E-15	2.10E-13	3.87E-12	0.00E+00	1.45E-11	0.00E+00	0.00E+00	9.06E-11	1.63E-12	2.29E-10	0.00E+00	4.55E-13	3.09E-10	5.45E-09	0.00E+00	0.00E+00	0.00E+00	6.69E-13	2.90E-14	7.73E-10	0.00E+00	5.45E-09	0.00E+00	5.45E-09	6.22E-09	7.73E-10	0.00E+00	0.00E+00	0.00E+00	1.95E-11
U-AM705ETS160-4	2.30E-08	4.33E-10	4.89E-10	5.57E-11	0.00E+00	0.00E+00	3.30E-09	8.00E-15	2.10E-13	3.87E-12	0.00E+00	1.45E-11	0.00E+00	0.00E+00	9.06E-11	1.63E-12	2.29E-10	0.00E+00	4.55E-13	3.09E-10	5.45E-09	0.00E+00	0.00E+00	0.00E+00	6.69E-13	2.90E-14	7.73E-10	0.00E+00	5.45E-09	0.00E+00	5.45E-09	6.22E-09	7.73E-10	0.00E+00	0.00E+00	0.00E+00	1.95E-11
U-AM705ETS250-4	2.30E-08	4.33E-10	4.89E-10	5.57E-11	0.00E+00	0.00E+00	3.30E-09	8.00E-15	2.10E-13	3.87E-12	0.00E+00	1.45E-11	0.00E+00	0.00E+00	9.06E-11	1.63E-12	2.29E-10	0.00E+00	4.55E-13	3.09E-10	5.45E-09	0.00E+00	0.00E+00	0.00E+00	6.69E-13	2.90E-14	7.73E-10	0.00E+00	5.45E-09	0.00E+00	5.45E-09	6.22E-09	7.73E-10	0.00E+00	0.00E+00	0.00E+00	1.95E-11
U-AM705TB125-4	2.68E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.90E-13	1.65E-11	0.00E+00	6.18E-11	0.00E+00	0.00E+00	3.85E-10	6.93E-12	9.73E-10	0.00E+00	1.93E-12	1.31E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.64E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.31E-11
U-AM705TB160-4	2.68E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.90E-13	1.65E-11	0.00E+00	6.18E-11	0.00E+00	0.00E+00	3.85E-10	6.93E-12	9.73E-10	0.00E+00	1.93E-12	1.31E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.64E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.31E-11
U-AM705TB250-4	2.68E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.90E-13	1.65E-11	0.00E+00	6.18E-11	0.00E+00	0.00E+00	3.85E-10	6.93E-12	9.73E-10	0.00E+00	1.93E-12	1.31E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.64E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.31E-11
U-AM705TB400-4	2.68E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.90E-13	1.65E-11	0.00E+00	6.18E-11	0.00E+00	0.00E+00	3.85E-10	6.93E-12	9.73E-10	0.00E+00	1.93E-12	1.31E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.64E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.31E-11
U-AM705TB630-4	2.68E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.90E-13	1.65E-11	0.00E+00	6.18E-11	0.00E+00	0.00E+00	3.85E-10	6.93E-12	9.73E-10	0.00E+00	1.93E-12	1.31E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.64E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.31E-11
U-AMG603	2.68E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.90E-13	1.65E-11	0.00E+00	6.18E-11	0.00E+00	0.00E+00	3.85E-10	6.93E-12	9.73E-10	0.00E+00	1.93E-12	1.31E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.64E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.31E-11
U-AMG703	2.68E-07	1.84E-09	2.08E-09	2.37E-10	0.00E+00	0.00E+00	1.40E-08	3.50E-14	8.90E-13	1.65E-11	0.00E+00	6.18E-11	0.00E+00	0.00E+00	3.85E-10	6.93E-12	9.73E-10	0.00E+00	1.93E-12	1.31E-09	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-12	1.24E-13	3.29E-09	0.00E+00	2.32E-08	0.00E+00	2.32E-08	2.64E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	8.31E-11
U-APFST	1.73E-06	1.05E-08	1.23E-08	1.40E-09	0.00E+00	0.00E+00	8.30E-08	2.09E-13	5.26E-12	9.75E-11	0.00E+00	3.66E-10	2.00E-15	0.00E+00	2.28E-09	4.10E-11	5.76E-09	0.00E+00	1.14E-11	7.77E-09	1.37E-07	0.00E+00	0.00E+00	0.00E+00	1.68E-11	7.32E-13	1.94E-08	0.00E+00	1.37E-07	0.00E+00	1.37E-07	1.56E-07	1.94E-08	0.00E+00	0.00E+00	0.00E+00	4.92E-10
U-AS4020	5.28E-09	6.07E-11	6.85E-11	7.80E-12	0.00E+00	0.00E+00	4.62E-10	1.00E-15	2.90E-14	5.42E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.32E-11	7.62E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.62E-10	0.00E+00	7.62E-10	8.71E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-12
U-AS4022	5.45E-09	6.06E-11	6.84E-11	7.79E-12	0.00E+00	0.00E+00	4.61E-10	1.00E-15	2.90E-14	5.41E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.32E-11	7.62E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.62E-10	0.00E+00	7.62E-10	8.70E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
U-AS4520	5.31E-09	6.07E-11	6.85E-11	7.80E-12	0.00E+00	0.00E+00	4.62E-10	1.00E-15	2.90E-14	5.42E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.32E-11	7.62E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.62E-10	0.00E+00	7.62E-10	8.70E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-12
U-AS4522	5.50E-09	6.06E-11	6.84E-11	7.79E-12	0.00E+00	0.00E+00	4.61E-10	1.00E-15	2.90E-14	5.41E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.31E-11	7.61E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.61E-10	0.00E+00	7.61E-10	8.69E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
U-AS5520	5.36E-09	6.06E-11	6.84E-11	7.80E-12	0.00E+00	0.00E+00	4.62E-10	1.00E-15	2.90E-14	5.42E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.32E-11	7.62E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.62E-10	0.00E+00	7.62E-10	8.70E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-12
U-AS5522	5.56E-09	6.05E-11	6.83E-11	7.78E-12	0.00E+00	0.00E+00	4.61E-10	1.00E-15	2.90E-14	5.41E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.31E-11	7.60E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.60E-10	0.00E+00	7.60E-10	8.68E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
U-AS6020	1.37E-08	6.48E-11	7.31E-11	8.33E-12	0.00E+00	0.00E+00	4.93E-10	1.00E-15	3.10E-14	5.79E-13	0.00E+00	2.17E-12	0.00E+00	0.00E+00	1.35E-11	2.44E-13	3.42E-11	0.00E+00	6.80E-14	4.61E-11	8.14E-10	0.00E+00	0.00E+00	0.00E+00	1.00E-13	4.28E-15	1.15E-10	0.00E+00	8.14E-10	0.00E+00	8.14E-10	9.29E-10	1.15E-10	0.00E+00	0.00E+00	0.00E+00	2.92E-12
U-AS6022	5.66E-09	6.05E-11	6.83E-11	7.78E-12	0.00E+00	0.00E+00	4.61E-10	1.00E-15	2.90E-14	5.41E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.31E-11	7.60E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.60E-10	0.00E+00	7.60E-10	8.68E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
U-AS7020	5.44E-09	6.06E-11	6.84E-11	7.79E-12	0.00E+00	0.00E+00	4.62E-10	1.00E-15	2.90E-14	5.41E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.32E-11	7.62E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.62E-10	0.00E+00	7.62E-10	8.70E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
U-AS7022	5.72E-09	6.04E-11	6.82E-11	7.77E-12	0.00E+00	0.00E+00	4.60E-10	1.00E-15	2.90E-14	5.40E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.30E-14	4.31E-11	7.60E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.60E-10	0.00E+00	7.60E-10	8.67E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
U-AS7220	5.45E-09	6.06E-11	6.84E-11	7.79E-12	0.00E+00	0.00E+00	4.61E-10	1.00E-15	2.90E-14	5.41E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.32E-11	7.62E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.62E-10	0.00E+00	7.62E-10	8.70E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
U-AS7222	5.80E-09	6.04E-11	6.82E-11	7.77E-12	0.00E+00	0.00E+00	4.60E-10	1.00E-15	2.90E-14	5.40E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.30E-14	4.31E-11	7.60E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.60E-10	0.00E+00	7.60E-10	8.68E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
U-AS8020	1.74E-08	6.65E-11	7.50E-11	8.55E-12	0.00E+00	0.00E+00	5.06E-10	1.00E-15	3.20E-14	5.94E-13	0.00E+00	2.23E-12	0.00E+00	0.00E+00	1.39E-11	2.50E-13	3.51E-11	0.00E+00	7.00E-14	4.74E-11	8.35E-10	0.00E+00	0.00E+00	0.00E+00	1.03E-13	4.00E-15	1.19E-10	0.00E+00	8.35E-10	0.00E+00	8.35E-10	9.54E-10	1.19E-10	0.00E+00	0.00E+00	0.00E+00	3.00E-12
U-AS8022	5.88E-09	6.04E-11	6.82E-11	7.77E-12	0.00E+00	0.00E+00	4.60E-10	1.00E-15	2.90E-14	5.40E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.30E-14	4.30E-11	7.59E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.59E-10	0.00E+00	7.59E-10	8.67E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
U-AS8520	5.51E-09	6.06E-11	6.84E-11	7.79E-12	0.00E+00	0.00E+00	4.61E-10	1.00E-15	2.90E-14	5.41E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.31E-11	7.61E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.61E-10	0.00E+00	7.61E-10	8.69E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
U-AS8522	5.65E-09	6.04E-11	6.81E-11	7.76E-12	0.00E+00	0.00E+00	4.60E-10	1.00E-15	2.90E-14	5.39E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.30E-14	4.30E-11	7.59E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.59E-10	0.00E+00	7.59E-10	8.67E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-12
U-AT	1.98E-08	2.53E-09	2.85E-09	3.25E-10	0.00E+00	0.00E+00	1.92E-08	4.90E-14	1.22E-12	2.26E-11	0.00E+00	8.47E-11	0.00E+00	0.00E+00	5.28E-10	9.50E-12	1.33E-09	0.00E+00	2.65E-12	1.80E-09	3.17E-08	0.00E+00	0.00E+00	0.00E+00	3.90E-12	1.70E-13	4.51E-09	0.00E+00	3.17E-08	0.00E+00	3.17E-08	3.63E-08	4.51E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-10
U-B02	4.85E-07	2.76E-09	3.11E-09	3.55E-10	0.00E+00	0.00E+00	2.10E-08	5.30E-14	1.33E-12	2.46E-11	0.00E+00	9.25E-11	0.00E+00	0.00E+00	5.77E-10	1.04E-11	1.46E-09	0.00E+00	2.89E-12	1.96E-09	3.47E-08	0.00E+00	0.00E+00	0.00E+00	4.25E-12	1.85E-13	4.92E-09	0.00E+00	3.47E-08	0.00E+00	3.47E-08	3.96E-08	4.92E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-10
U-BAS6	2.65E-05	1.08E-02	2.03E-03	8.76E-03	0.00E+00	0.00E+00	1.26E-01	1.20E-07	1.16E-05	7.22E-05	0.00E+00	2.13E-04	9.66E-10	2.82E-11	1.30E-03	2.34E-05	7.20E-04	0.00E+00	1.52E-05	3.59E-03	8.31E-02	0.00E+00	1.12E-10	1.45E-10	1.69E-05	4.31E-07	1.11E-02	0.00E+00	8.31E-02	2.04E-10	8.31E-02	9.41E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	6.53E-04
U-BAS8	0.00E+00	0.00E+00	0.00E+00

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U-EAVE6060	1.61E-06	5.94E-10	6.78E-10	8.40E-11	0.00E+00	0.00E+00	4.58E-09	1.10E-14	3.23E-13	5.56E-12	0.00E+00	2.01E-11	0.00E+00	0.00E+00	1.26E-10	2.28E-12	3.17E-10	0.00E+00	6.56E-13	4.28E-10	7.65E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-12	4.00E-14	1.07E-09	0.00E+00	7.65E-09	0.00E+00	7.65E-09	8.72E-09	1.07E-09	0.00E+00	0.00E+00	0.00E+00	2.71E-11
U-EBF100620	1.73E-07	2.18E-09	2.46E-09	2.80E-10	0.00E+00	0.00E+00	1.66E-08	4.20E-14	1.05E-12	1.94E-11	0.00E+00	7.30E-11	0.00E+00	0.00E+00	4.55E-10	8.19E-12	1.15E-09	0.00E+00	2.29E-12	1.55E-09	2.74E-08	0.00E+00	0.00E+00	0.00E+00	3.36E-12	1.46E-13	3.88E-09	0.00E+00	2.74E-08	0.00E+00	2.74E-08	3.12E-08	3.88E-09	0.00E+00	0.00E+00	0.00E+00	9.82E-11
U-EBF100622	1.73E-07	2.18E-09	2.46E-09	2.80E-10	0.00E+00	0.00E+00	1.66E-08	4.20E-14	1.05E-12	1.94E-11	0.00E+00	7.30E-11	0.00E+00	0.00E+00	4.55E-10	8.19E-12	1.15E-09	0.00E+00	2.29E-12	1.55E-09	2.74E-08	0.00E+00	0.00E+00	0.00E+00	3.36E-12	1.46E-13	3.88E-09	0.00E+00	2.74E-08	0.00E+00	2.74E-08	3.12E-08	3.88E-09	0.00E+00	0.00E+00	0.00E+00	9.82E-11
U-EBF45620	1.70E-07	2.18E-09	2.46E-09	2.80E-10	0.00E+00	0.00E+00	1.66E-08	4.20E-14	1.05E-12	1.95E-11	0.00E+00	7.31E-11	0.00E+00	0.00E+00	4.56E-10	8.19E-12	1.15E-09	0.00E+00	2.29E-12	1.55E-09	2.74E-08	0.00E+00	0.00E+00	0.00E+00	3.36E-12	1.46E-13	3.89E-09	0.00E+00	2.74E-08	0.00E+00	2.74E-08	3.13E-08	3.89E-09	0.00E+00	0.00E+00	0.00E+00	9.83E-11
U-EBF45622	1.70E-07	2.18E-09	2.46E-09	2.80E-10	0.00E+00	0.00E+00	1.66E-08	4.20E-14	1.05E-12	1.95E-11	0.00E+00	7.31E-11	0.00E+00	0.00E+00	4.56E-10	8.19E-12	1.15E-09	0.00E+00	2.29E-12	1.55E-09	2.74E-08	0.00E+00	0.00E+00	0.00E+00	3.36E-12	1.46E-13	3.89E-09	0.00E+00	2.74E-08	0.00E+00	2.74E-08	3.13E-08	3.89E-09	0.00E+00	0.00E+00	0.00E+00	9.83E-11
U-EBF6022HBT	4.34E-04	1.93E-01	3.63E-02	1.57E-01	0.00E+00	0.00E+00	2.26E+00	2.15E-06	2.08E-04	1.29E-03	0.00E+00	3.82E-03	1.73E-06	5.04E-10	2.33E-02	4.17E-04	1.29E-02	0.00E+00	2.72E-04	6.42E-02	1.48E+00	0.00E+00	2.01E-09	2.60E-09	3.02E-04	7.70E-06	1.98E-01	0.00E+00	1.48E+00	3.64E-09	1.48E+00	1.68E+00	1.98E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
U-EBF606020HBT	3.76E-04	1.67E-01	3.15E-02	1.36E-01	0.00E+00	0.00E+00	1.96E+00	1.86E-06	1.80E-04	1.12E-03	0.00E+00	3.31E-03	1.50E-06	4.37E-10	2.02E-02	3.62E-04	1.12E-02	0.00E+00	2.36E-04	5.56E-02	1.29E+00	0.00E+00	1.74E-09	2.25E-09	2.62E-04	6.67E-06	1.72E-01	0.00E+00	1.29E+00	3.16E-09	1.29E+00	1.46E+00	1.72E-01	0.00E+00	0.00E+00	0.00E+00	1.01E-02
U-EBF60620	1.69E-07	2.18E-09	2.46E-09	2.80E-10	0.00E+00	0.00E+00	1.66E-08	4.20E-14	1.05E-12	1.95E-11	0.00E+00	7.31E-11	0.00E+00	0.00E+00	4.56E-10	8.20E-12	1.15E-09	0.00E+00	2.29E-12	1.55E-09	2.74E-08	0.00E+00	0.00E+00	0.00E+00	3.36E-12	1.46E-13	3.89E-09	0.00E+00	2.74E-08	0.00E+00	2.74E-08	3.13E-08	3.89E-09	0.00E+00	0.00E+00	0.00E+00	9.83E-11
U-EBF608020HBT	3.22E-04	1.43E-01	2.69E-02	1.16E-01	0.00E+00	0.00E+00	1.67E+00	1.59E-06	1.54E-04	9.57E-04	0.00E+00	2.83E-03	1.28E-06	3.74E-10	1.73E-02	3.09E-04	9.54E-03	0.00E+00	2.01E-04	4.76E-02	1.10E+00	0.00E+00	1.49E-09	1.93E-09	2.24E-04	5.71E-06	1.47E-01	0.00E+00	1.10E+00	2.70E-09	1.10E+00	1.25E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	8.65E-03
U-EBF8022HBT	4.49E-04	2.00E-01	3.76E-02	1.62E-01	0.00E+00	0.00E+00	2.34E+00	2.22E-06	2.15E-04	1.34E-03	0.00E+00	3.95E-03	1.79E-06	5.22E-10	2.41E-02	4.32E-04	1.33E-02	0.00E+00	2.81E-04	6.64E-02	1.54E+00	0.00E+00	2.08E-09	2.69E-09	3.12E-04	7.97E-06	2.05E-01	0.00E+00	1.54E+00	3.77E-09	1.54E+00	1.74E+00	2.05E-01	0.00E+00	0.00E+00	0.00E+00	1.21E-02
U-EBF806020HBT	3.03E-04	1.35E-01	2.54E-02	1.10E-01	0.00E+00	0.00E+00	1.58E+00	1.50E-06	1.45E-04	9.03E-04	0.00E+00	2.67E-03	1.21E-06	3.53E-10	1.63E-02	2.92E-04	9.00E-03	0.00E+00	1.90E-04	4.49E-02	1.04E+00	0.00E+00	1.40E-09	1.82E-09	2.11E-04	5.38E-06	1.39E-01	0.00E+00	1.04E+00	2.55E-09	1.04E+00	1.18E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	8.16E-03
U-EBF80620	1.69E-07	2.18E-09	2.46E-09	2.80E-10	0.00E+00	0.00E+00	1.66E-08	4.20E-14	1.05E-12	1.95E-11	0.00E+00	7.31E-11	0.00E+00	0.00E+00	4.56E-10	8.20E-12	1.15E-09	0.00E+00	2.29E-12	1.55E-09	2.74E-08	0.00E+00	0.00E+00	0.00E+00	3.36E-12	1.46E-13	3.89E-09	0.00E+00	2.74E-08	0.00E+00	2.74E-08	3.13E-08	3.89E-09	0.00E+00	0.00E+00	0.00E+00	9.83E-11
U-EBF808020HBT	2.91E-04	1.30E-01	2.44E-02	1.05E-01	0.00E+00	0.00E+00	1.51E+00	1.44E-06	1.39E-04	8.67E-04	0.00E+00	2.56E-03	1.16E-06	3.39E-10	1.56E-02	2.80E-04	8.64E-03	0.00E+00	1.82E-04	4.31E-02	9.97E-01	0.00E+00	1.35E-09	1.74E-09	2.03E-04	5.17E-06	1.33E-01	0.00E+00	9.97E-01	2.44E-09	9.97E-01	1.13E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	7.83E-03
U-EBS100620	1.94E-06	1.39E-04	3.33E-04	4.72E-04	0.00E+00	0.00E+00	1.91E-02	9.01E-09	1.58E-06	7.50E-06	0.00E+00	3.09E-05	1.58E-10	3.73E-12	9.71E-05	3.83E-06	3.63E-04	5.33E-04	1.31E-06	3.64E-04	7.10E-03	0.00E+00	1.39E-11	1.07E-11	1.85E-06	5.80E-09	7.83E-04	0.00E+00	7.10E-03	6.35E-12	7.10E-03	7.88E-03	7.83E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-05
U-EBS100622	1.94E-06	1.39E-04	3.33E-04	4.72E-04	0.00E+00	0.00E+00	1.91E-02	9.01E-09	1.58E-06	7.50E-06	0.00E+00	3.09E-05	1.58E-10	3.73E-12	9.71E-05	3.83E-06	3.63E-04	5.33E-04	1.31E-06	3.64E-04	7.10E-03	0.00E+00	1.39E-11	1.07E-11	1.85E-06	5.80E-09	7.83E-04	0.00E+00	7.10E-03	6.35E-12	7.10E-03	7.88E-03	7.83E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-05
U-EBS45620	1.95E-06	1.39E-04	3.33E-04	4.72E-04	0.00E+00	0.00E+00	1.91E-02	9.01E-09	1.58E-06	7.50E-06	0.00E+00	3.09E-05	1.58E-10	3.73E-12	9.71E-05	3.83E-06	3.63E-04	5.33E-04	1.31E-06	3.64E-04	7.10E-03	0.00E+00	1.39E-11	1.07E-11	1.85E-06	5.80E-09	7.83E-04	0.00E+00	7.10E-03	6.35E-12	7.10E-03	7.88E-03	7.83E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-05
U-EBS45622	1.95E-06	1.39E-04	3.33E-04	4.72E-04	0.00E+00	0.00E+00	1.91E-02	9.01E-09	1.58E-06	7.50E-06	0.00E+00	3.09E-05	1.58E-10	3.73E-12	9.71E-05	3.83E-06	3.63E-04	5.33E-04	1.31E-06	3.64E-04	7.10E-03	0.00E+00	1.39E-11	1.07E-11	1.85E-06	5.80E-09	7.83E-04	0.00E+00	7.10E-03	6.35E-12	7.10E-03	7.88E-03	7.83E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-05
U-EBS6022HBT	2.59E-04	1.16E-01	2.15E-02	9.47E-02	0.00E+00	0.00E+00	1.34E+00	1.28E-06	1.23E-04	7.69E-04	0.00E+00	2.26E-03	1.02E-06	3.00E-10	1.41E-02	2.47E-04	8.10E-03	5.33E-04	1.65E-04	3.90E-02	8.86E-01	0.00E+00	1.19E-09	1.55E-09	1.80E-04	4.62E-06	1.18E-01	0.00E+00	8.86E-01	2.18E-09	8.86E-01	1.00E+00	1.18E-01	0.00E+00	0.00E+00	0.00E+00	7.07E-03
U-EBS606020HBT	1.58E-04	7.17E-02	1.31E-02	5.85E-02	0.00E+00	0.00E+00	8.17E-01	7.86E-07	7.54E-05	4.71E-04	0.00E+00	1.38E-03	6.24E-09	1.83E-10	8.73E-03	1.51E-04	5.13E-03	5.33E-04	1.02E-04	2.41E-02	5.43E-01	0.00E+00	7.30E-10	9.52E-10	1.10E-04	2.85E-06	7.26E-02	0.00E+00	5.43E-01	1.34E-09	5.43E-01	6.16E-01	7.26E-02	0.00E+00	0.00E+00	0.00E+00	4.38E-03
U-EBS60620	1.95E-06	1.39E-04	3.33E-04	4.72E-04	0.00E+00	0.00E+00	1.91E-02	9.01E-09	1.58E-06	7.50E-06	0.00E+00	3.09E-05	1.58E-10	3.73E-12	9.71E-05	3.83E-06	3.63E-04	5.33E-04	1.31E-06	3.64E-04	7.10E-03	0.00E+00	1.39E-11	1.07E-11	1.85E-06	5.80E-09	7.83E-04	0.00E+00	7.10E-03	6.35E-12	7.10E-03	7.88E-03	7.83E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-05
U-EBS60622	1.95E-06	1.39E-04	3.33E-04	4.72E-04	0.00E+00	0.00E+00	1.91E-02	9.01E-09	1.58E-06	7.50E-06	0.00E+00	3.09E-05	1.58E-10	3.73E-12	9.71E-05	3.83E-06	3.63E-04	5.33E-04	1.31E-06	3.64E-04	7.10E-03	0.00E+00	1.39E-11	1.07E-11	1.85E-06	5.80E-09	7.83E-04	0.00E+00	7.10E-03	6.35E-12	7.10E-03	7.88E-03	7.83E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-05
U-EBS608020HBT	4.50E-04	2.01E-01	3.75E-02	1.64E-01	0.00E+00	0.00E+00	2.33E+00	2.23E-06	2.15E-04	1.34E-03	0.00E+00	3.94E-03	1.78E-06	5.22E-10	2.44E-02	4.31E-04	1.38E-02	5.33E-04	2.84E-04	6.72E-02	1.54E+00	0.00E+00	2.08E-09	2.70E-09	3.13E-04	8.01E-06	2.06E-01	0.00E+00	1.54E+00	3.79E-09	1.54E+00	1.75E+00	2.06E-01	0.00E+00	0.00E+00	0.00E+00	1.22E-02
U-EBS8022HBT	3.22E-04	1.43E-01	2.69E-02	1.16E-01	0.00E+00	0.00E+00	1.67E+00	1.60E-06	1.54E-04	9.58E-04	0.00E+00	2.82E-03	1.28E-06	3.74E-10	1.75E-02	3.09E-04	9.99E-03	5.33E-04	2.05E-04	4.84E-02	1.10E+00	0.00E+00	1.49E-09	1.93E-09	2.24E-04	5.75E-06	1.47E-01	0.00E+00	1.10E+00	2.72E-09	1.10E+00	1.25E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	8.79E-03
U-EBS806020HBT	2.62E-04	1.16E-01	2.18E-02	9.56E-02	0.00E+00	0.00E+00	1.35E+00	1.30E-06	1.25E-04	7.78E-04	0.00E+00	2.29E-03	1.03E-06	3.03E-10	1.43E-02	2.50E-04	8.19E-03	5.33E-04	1.67E-04	3.94E-02	8.96E-01	0.00E+00	1.21E-09	1.57E-09	1.82E-04	4.68E-06	1.20E-01	0.00E+00	8.96E-01	2.21E-09	8.96E-01	1.02E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	7.16E-03
U-EBS80620	1.95E-06	1.39E-04	3.33E-04	4.72E-04	0.00E+00	0.00E+00	1.91E-02	9.01E-09	1.58E-06	7.50E-06	0.00E+00	3.09E-05	1.58E-10	3.73E-12	9.71E-05	3.83E-06	3.63E-04	5.33E-04	1.31E-06	3.64E-04	7.10E-03	0.00E+00	1.39E-11	1.07E-11	1.85E-06	5.80E-09	7.83E-04	0.00E+00	7.10E-03	6.35E-12	7.10E-03	7.88E-03	7.83E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-05
U-EBS80622	1.95E-06	1.39E-04	3.33E-04	4.72E-04	0.00E+00	0.00E+00	1.91E-02	9.01E-09	1.58E-06	7.50E-06	0.00E+00	3.09E-05	1.58E-10	3.73E-12	9.71E-05	3.83E-06	3.63E-04	5.33E-04	1.31E-06	3.64E-04	7.10E-03	0.00E+00	1.39E-11	1.07E-11	1.85E-06	5.80E-09	7.83E-04	0.00E+00	7.10E-03	6.35E-12	7.10E-03	7.88E-03	7.83E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-05
U-EBS808020HBT	4.65E-04	2.08E-01	3.88E-02	1.69E-01	0.00E+00	0.00E+00	2.41E+00	2.30E-06	2.22E-04	1.38E-03	0.00E+00	4.08E-03	1.84E-06	5.39E-10	2.52E-02	4.46E-04	1.42E-02	5.33E-04	2.94E-04	6.95E-02	1.59E+00	0.00E+00	2.15E-09	2.79E-09	3.23E-04	8.28E-06	2.13E-01	0.00E+00	1.59E+00	3.92E-09	1.59E+00	1.80E+00	2.13E-01	0.00E+00	0.00E+00	0.00E+00	1.26E-02
U-ES3ST3P	1.82E-04	8.10E-02	1.52E-02	6.57E-02	0.00E+00	0.00E+00	9.47E-01	9.00E-07	8.71E-05	5.42E-04	0.00E+00	1.60E-03	7.24E-09	2.12E-10	9.78E-03	1.75E-04	5.40E-03	0.00E+00	1.14E-04	2.69E-02	6.23E-01	0.00E+00	8.42E-10	1.09E-09	1.27E-04	3.23E-06	8.31E-02	0.00E+00	6.23E-01	1.53E-09	6.23E-01	7.06E-01	8.31E-02	0.00E+00	0.00E+00	0.00E+00	4.90E-03
U-ES4ST4P	2.55E-04	1.16E-01	2.07E-02	9.74E-02	0.00E+00	0.00E+00	1.29E+00	1.27E-06	1.19E-04	7.53E-04	0.00E+00	2.19E-03	9.81E-09	2.91E-10	1.46E-02	2.37E-04	9.41E-03	8.35E-06	1.71E-04	4.06E-02	8.72E-01	0.00E+00	1.16E-09	1.53E-09	1.76E-04	4.66E-06	1.17E-01	0.00E+00	8.72E-01	2.19E-09	8.72E-01	9.86E-01	1.17E-01	0.00E+00	0.00E+00	0.00E+00	7.35E-03
U-ES606020	3.18E-08	1.02E-09	1.15E-09	1.31E-10	0.00E+00	0.00E+00	7.74E-09	1.90E-14	4.92E-13	9.08E-12	0.00E+00	3.41E-11	0.00E+00	0.00E+00	2.12E-10	3.82E-12	5.37E-10	0.00E+00	1.07E-12	7.24E-10	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-12	6.80E-14	1.81E-09	0.00E+00	1.28E-08	0.00E+00	1.28E-08	1.46E-08	1.81E-09	0.00E+00	0.00E+00	0.00E+00	4.58E-11
U-ES606022	3.18E-08	1.02E-09	1.15E-09	1.31E-10	0.00E+00	0.00E+00	7.74E-09	1.90E-14	4.92E-13	9.08E-12	0.00E+00	3.41E-11	0.00E+00	0.00E+00	2.12E-10	3.82E-12	5.37E-10	0.00E+00	1.07E-12	7.24E-10	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-12	6.80E-14	1.81E-09	0.00E+00	1.28E-08	0.00E+00	1.28E-08	1.46E-08	1.81E-09	0.00E+00	0.00E+00	0.00E+00	4.58E-11
U-ES608020	2.96E-08	1.02E-09	1.15E-09	1.31E-10	0.00E+00	0.00E+00	7.75E-09	1.90E-14	4.92E-13	9.09E-12	0.00E+00	3.41E-11	0.00E+00	0.00E+00	2.13E-10	3.82E-12	5.37E-10	0.00E+00	1.07E-12	7.24E-10	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-12	6.80E-14	1.81E-09	0.00E+00	1.28E-08	0.00E+00	1.28E-08	1.46E-08	1.81E-09	0.00E+00	0.00E+00	0.00E+00	4.59E-11
U-ES608022	3.09E-08	1.02E-09	1.15E-09	1.31E-10	0.00E+00	0.00E+00	7.74E-09	1.90E-14	4.92E-13	9.08E-12	0.00E+00	3.41E-11	0.00E+00	0.00E+00	2.13E-10	3.82E-12	5.37E-10	0.00E+00	1.07E-12	7.24E-10	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-12	6.80E-14	1.81E-09	0.00E+00	1.28E-08	0.00E+00	1.28E-08	1.46E-08	1.81E-09	0.00E+00	0.00E+00	0.00E+00	4.59E-11
U-ES806020	2.98E-08	1.02E-09	1.15E-09	1.31E-10	0.00E+00	0.00E+00	7.75E-09	1.90E-14	4.92E-13	9.09E-12	0.00E+00	3.41E-11	0.00E+00	0.00E+00	2.13E-10	3.82E-12	5.37E-10	0.00E+00	1.07E-12	7.25E-10	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-12	6.80E-14	1.81E-09	0.00E+00	1.28E-08	0.00E+00	1.28E-08	1.46E-08	1.81E-09	0.00E+00	0.00E+00	0.00E+00	4.59E-11
U-ES806022	3.08E-08	1.02E-09	1.15E-09	1.31E-10	0.00E+00	0.00E+00	7.74E-09	1.90E-14	4.92E-13	9.08E-12	0.00E+00	3.41E-11	0.00E+00	0.00E+00	2.13E-10	3.82E-12	5.37E-10	0.00E+00	1.07E-12	7.24E-10	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-12	6.80E-14	1.81E-09	0.00E+00	1.28E-08	0.00E+00	1.28E-08	1.46E-08	1.81E-09	0.00E+00	0.00E+00	0.00E+00	4.59E-11
U-ES808020	2.84E-08	1.02E-09	1.15E-09	1.31E-10	0.00E+00	0.00E+00	7.75E-09	1.90E-14	4.92E-13	9.09E-12	0.00E+00	3.41E-11	0.00E+00	0.00E+00	2.13E-10	3.83E-12	5.37E-10	0.00E+00	1.07E-12	7.25E-10	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-12	6.80E-14	1.82E-09	0.00E+00	1.28E-08	0.00E+00	1.28E-08	1.46E-08	1.82E-09	0.00E+00	0.00E+00	0.00E+00	4.59E-11
U-ES808022	3.07E-08	1.02E-09	1.15E-09	1.31E-10	0.00E+00	0.00E+00	7.74E-09	1.90E-14	4.92E-13	9.08E-12	0.00E+00	3.41E-11	0.00E+00	0.00E+00	2.13E-10	3.82E-12	5.37E-10	0.00E+00	1.07E-12	7.24E-10	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-12	6.80E-14	1.81E-09	0.00E+00	1.28E-08	0.00E+00	1.28E-08	1.46E-08	1.81E-09	0.00E+00	0.00E+00	0.00E+00	4.59E-11
U-ET10020	8.57E-09	6.00E-11	6.78E-11	7.72E-12	0.00E+00	0.00E+00	4.57E-10	1.00E-15	2.90E-14	5.36E-13	0.00E+00	2.01E-12	0.00E+00	0.00E+00	1.26E-11	2.26E-13	3.17E-11	0.00E+00	6.30E-14	4.28E-11	7.55E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.55E-10	0.00E+00	7.55E-10	8.62E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-12
U-ET10022	1.13E-08	5.82E-11	6.56E-11	7.48E-12	0.00E+00	0.00E+00	4.43E-10	1.00E-15	2.80E-14	5.20E-13	0.00E+00	1.95E-12	0.00E+00	0.00E+00	1.22E-11	2.19E-13	3.07E-11	0.00E+00	6.10E-14	4.14E-11	7.31E-10	0.00E+00	0.00E+00	0.00E+00	9.00E-14	4.00E-15	1.04E-10	0.00E+00	7.31E-10	0.00E+00	7.31E-10	8.35E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	2.62E-12
U-ET11020	4.07E-08	1.76E-10	1.98E-10	2.26E-11	0.00E+00	0.00E+00	1.34E-09	3.00E-15	8.50E-14	1.57E-12	0.00E+00	5.89E-12	0.00E+00	0.00E+00	3.67E-11	6.61E-13	9.28E-11	0.00E+00	1.85E-13	1.25E-10	2.21E-09	0.00E+00	0.00E+00	0.00E+00	2.71E-13	1.20E-14	3.13E-10	0.00E+00	2.21E-09	0.00E+00	2.21E-09	2.52E-09	3.13E-10	0.00E+00	0.00E+00	0.00E+00	7.92E-12
U-ET11022	7.19E-08	1.86E-09	2.13E-09	2.43E-10	0.00E+00	0.00E+00	1.44E-08	3.60E-14	9.15E-13	1.69E-11	0.00E+00	6.34E-11	0.00E+00	0.00E+00	3.95E-10	7.11E-12	9.98E-10	0.00E+00	1.99E-12	1.35E-09	2.38E-08	0.00E+00	0.00E+00	0.00E+00	2.92E-12	1.27E-13	3.37E-09	0.00E+00	2.38E-08	0.00E+00	2.38E-08	2.71E-08	3.37E-09	0.00E+00	0.00E+00	0.00E+00	8.53E-11
U-ET13520	3.81E-08	1.75E-10	1.97E-10	2.25E-11	0.00E+00	0.00E+00	1.33E-09	3.00E-15	8.50E-14	1.56E-12	0.00E+00	5.86E-12	0.00E+00	0.00E+00	3.65E-11	6.57E-13	9.23E-11	0.00E+00	1.84E-13	1.24E-10	2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.70E-13	1.20E-14	3.12E-10	0.00E+00	2.20E-09	0.00E+00	2.20E-09	2.51E-09	3.12E-10	0.00E+00	0.00E+00	0.00E+00	7.88E-12
U-ET13522	6.68E-08	1.86E-09	2.14E-09	2.43E-10	0.00E+00	0.00E+00	1.44E-08	3.60E-14	9.15E-13	1.69E-11	0.00E+00	6.35E-11	0.00E+00	0.00E+00	3.96E-10	7.12E-12	9.99E-10	0.00E+00	1.99E-12	1.35E-09	2.38E-08	0.00E+00	0.00E+00	0.00E+00	2.92E-12	1.27E-13	3.37E-09	0.00E+00	2.38E-08	0.00E+00	2.38E-08	2.72E-08	3.37E-09	0.00E+00	0.00E+00	0.00E+00	8.54E-11
U-ET16020	3.15E-08	1.72E-10	1.94E-10	2.21E-11	0.00E+00	0.00E+00	1.31E-09	3.00E-15	8.30E-14	1.53E-12	0.00E+00	5.76E-12	0.00E+00	0.00E+00	3.59E-11	6.44E-13	9.07E-11	0.00E+00	1.80E-13	1.22E-10	2.16E-09	0.00E+00	0.00E+00	0.00E+00	2.65E-13	1.10E-14	3.06E-10	0.00E+00	2.16E-09	0.00E+00	2.16E-09	2.46E-09	3.06E-10	0.00E+00	0.00E+00	0.00E+00	7.75E-12
U-ET16022	6.21E-08	1.90E-09	2.14E-09	2.44E-10	0.00E+00	0.00E+00	1.44E-08	3.60E-14	9.17E-13	1.69E-11	0.00E+00	6.36E-11	0.00E+00	0.00E+00	3.96E-10	7.13E-12	1.00E-09	0.00E+00	1.99E-12	1.35E-09	2.38E-08	0.00E+00	0.00E+00	0.00E+00	2.93E-12	1.27E-13	3.38E-09	0.00E+00	2.38E-08	0.00E+00	2.38E-08	2.72E-08	3.38E-09	0.00E+00	0.00E+00	0.00E+00	8.55E-11
U-ET3020	1.60E-08	5.75E-11	6.49E-11	7.40E-12	0.00E+00	0.00E+00	4.38E-10	1.00E-15	2.80E-14	5.14E-13	0.00E+00	1.93E-12	0.00E+00	0.00E+00	1.20E-11	2.16E-13	3.04E-11	0.00E+00	6.00E-14	4.10E-11	7.23E-10	0.00E+00	0.00E+00	0.00E+00	8.90E-14	4.00E-15	1.03E-10	0.00E+00	7.23E-10	0.00E+00	7.23E-10	8.26E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	2.59E-12
U-ET3022	1.95E-08	5.52E-11	6.23E-11

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U-FRSL27HF	1.79E-04	7.96E-02	1.50E-02	6.46E-02	0.00E+00	0.00E+00	9.31E-01	8.85E-07	8.57E-05	5.33E-04	0.00E+00	1.57E-03	7.12E-09	2.08E-10	9.62E-03	1.72E-04	5.31E-03	0.00E+00	1.12E-04	2.65E-02	6.13E-01	0.00E+00	8.28E-10	1.07E-09	1.25E-04	3.18E-06	8.17E-02	0.00E+00	6.13E-01	1.50E-09	6.13E-01	6.94E-01	8.17E-02	0.00E+00	0.00E+00	0.00E+00	4.81E-03
U-FRSL34FE	1.61E-06	5.93E-10	6.77E-10	8.39E-11	0.00E+00	0.00E+00	4.57E-09	1.10E-14	3.22E-13	5.55E-12	0.00E+00	2.01E-11	0.00E+00	0.00E+00	1.26E-10	2.27E-12	3.17E-10	0.00E+00	6.55E-13	4.27E-10	7.64E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-12	4.00E-14	1.07E-09	0.00E+00	7.64E-09	0.00E+00	7.64E-09	8.71E-09	1.07E-09	0.00E+00	0.00E+00	0.00E+00	2.71E-11
U-FRSL34HF	3.90E-04	1.74E-01	3.28E-02	1.41E-01	0.00E+00	0.00E+00	2.04E+00	1.94E-06	1.87E-04	1.16E-03	0.00E+00	3.44E-03	1.56E-08	4.55E-10	2.10E-02	3.77E-04	1.16E-02	0.00E+00	2.45E-04	5.79E-02	1.34E+00	0.00E+00	1.81E-09	2.34E-09	2.72E-04	6.94E-06	1.79E-01	0.00E+00	1.34E+00	3.29E-09	1.34E+00	1.52E+00	1.79E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-02
U-FRSL38FE	1.61E-06	5.93E-10	6.77E-10	8.39E-11	0.00E+00	0.00E+00	4.57E-09	1.10E-14	3.22E-13	5.55E-12	0.00E+00	2.01E-11	0.00E+00	0.00E+00	1.25E-10	2.27E-12	3.17E-10	0.00E+00	6.55E-13	4.27E-10	7.63E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-12	4.00E-14	1.07E-09	0.00E+00	7.63E-09	0.00E+00	7.63E-09	8.70E-09	1.07E-09	0.00E+00	0.00E+00	0.00E+00	2.71E-11
U-FRSL38HF	2.20E-04	9.85E-02	1.85E-02	8.00E-02	0.00E+00	0.00E+00	1.15E+00	1.10E-06	1.06E-04	6.56E-04	0.00E+00	1.95E-03	8.81E-09	2.57E-10	1.19E-02	2.13E-04	6.57E-03	0.00E+00	1.38E-04	3.28E-02	7.58E-01	0.00E+00	1.02E-09	1.33E-09	1.54E-04	3.93E-06	1.01E-01	0.00E+00	7.58E-01	1.86E-09	7.58E-01	8.59E-01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	5.96E-03
U-FSAH12	2.21E-09	1.03E-10	1.16E-10	1.33E-11	0.00E+00	0.00E+00	7.86E-10	2.00E-15	5.00E-14	9.22E-13	0.00E+00	3.45E-12	0.00E+00	0.00E+00	2.15E-11	3.86E-13	5.43E-11	0.00E+00	1.08E-13	7.32E-11	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-13	7.00E-15	1.83E-10	0.00E+00	1.29E-09	0.00E+00	1.29E-09	1.48E-09	1.84E-10	0.00E+00	0.00E+00	0.00E+00	4.66E-12
U-FSAH16	1.83E-09	1.03E-10	1.16E-10	1.32E-11	0.00E+00	0.00E+00	7.83E-10	2.00E-15	5.00E-14	9.18E-13	0.00E+00	3.45E-12	0.00E+00	0.00E+00	2.15E-11	3.86E-13	5.43E-11	0.00E+00	1.08E-13	7.32E-11	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-13	7.00E-15	1.83E-10	0.00E+00	1.29E-09	0.00E+00	1.29E-09	1.47E-09	1.83E-10	0.00E+00	0.00E+00	0.00E+00	4.63E-12
U-FSAH20	2.16E-09	1.02E-10	1.15E-10	1.31E-11	0.00E+00	0.00E+00	7.76E-10	2.00E-15	4.90E-14	9.11E-13	0.00E+00	3.42E-12	0.00E+00	0.00E+00	2.13E-11	3.83E-13	5.38E-11	0.00E+00	1.07E-13	7.26E-11	1.28E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-13	7.00E-15	1.82E-10	0.00E+00	1.28E-09	0.00E+00	1.28E-09	1.46E-09	1.82E-10	0.00E+00	0.00E+00	0.00E+00	4.60E-12
U-FSAH24	1.59E-10	1.34E-10	1.40E-10	1.60E-11	0.00E+00	0.00E+00	9.45E-10	2.00E-15	6.00E-14	1.11E-12	0.00E+00	4.16E-12	0.00E+00	0.00E+00	2.59E-11	4.67E-13	6.55E-11	0.00E+00	1.30E-13	8.84E-11	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.92E-13	8.00E-15	2.21E-10	0.00E+00	1.56E-09	0.00E+00	1.56E-09	1.78E-09	2.21E-10	0.00E+00	0.00E+00	0.00E+00	5.80E-12
U-FSAH28	1.73E-10	1.23E-10	1.30E-10	1.59E-11	0.00E+00	0.00E+00	9.39E-10	2.00E-15	6.00E-14	1.10E-12	0.00E+00	4.14E-12	0.00E+00	0.00E+00	2.58E-11	4.64E-13	6.51E-11	0.00E+00	1.30E-13	8.78E-11	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-13	8.00E-15	2.20E-10	0.00E+00	1.55E-09	0.00E+00	1.55E-09	1.77E-09	2.20E-10	0.00E+00	0.00E+00	0.00E+00	5.76E-12
U-FSAH32	1.05E-09	1.22E-10	1.38E-10	1.57E-11	0.00E+00	0.00E+00	9.31E-10	2.00E-15	5.90E-14	1.09E-12	0.00E+00	4.10E-12	0.00E+00	0.00E+00	2.56E-11	4.60E-13	6.46E-11	0.00E+00	1.28E-13	8.71E-11	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.89E-13	8.00E-15	2.18E-10	0.00E+00	1.54E-09	0.00E+00	1.54E-09	1.75E-09	2.18E-10	0.00E+00	0.00E+00	0.00E+00	5.52E-12
U-FSAH36	1.06E-09	1.22E-10	1.37E-10	1.56E-11	0.00E+00	0.00E+00	9.26E-10	2.00E-15	5.90E-14	1.09E-12	0.00E+00	4.08E-12	0.00E+00	0.00E+00	2.54E-11	4.57E-13	6.42E-11	0.00E+00	1.28E-13	8.66E-11	1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-13	8.00E-15	2.17E-10	0.00E+00	1.53E-09	0.00E+00	1.53E-09	1.74E-09	2.17E-10	0.00E+00	0.00E+00	0.00E+00	5.48E-12
U-FSLH12	3.23E-09	1.02E-10	1.16E-10	1.32E-11	0.00E+00	0.00E+00	7.80E-10	2.00E-15	4.90E-14	9.15E-13	0.00E+00	3.44E-12	0.00E+00	0.00E+00	2.14E-11	3.85E-13	5.41E-11	0.00E+00	1.08E-13	7.30E-11	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-13	7.00E-15	1.83E-10	0.00E+00	1.29E-09	0.00E+00	1.29E-09	1.47E-09	1.83E-10	0.00E+00	0.00E+00	0.00E+00	4.62E-12
U-FSLH16	2.88E-09	1.02E-10	1.15E-10	1.32E-11	0.00E+00	0.00E+00	7.79E-10	2.00E-15	4.90E-14	9.14E-13	0.00E+00	3.43E-12	0.00E+00	0.00E+00	2.14E-11	3.85E-13	5.40E-11	0.00E+00	1.08E-13	7.29E-11	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-13	7.00E-15	1.82E-10	0.00E+00	1.29E-09	0.00E+00	1.29E-09	1.47E-09	1.82E-10	0.00E+00	0.00E+00	0.00E+00	4.61E-12
U-FSLH20	3.36E-09	1.02E-10	1.15E-10	1.31E-11	0.00E+00	0.00E+00	7.75E-10	2.00E-15	4.90E-14	9.09E-13	0.00E+00	3.41E-12	0.00E+00	0.00E+00	2.13E-11	3.83E-13	5.37E-11	0.00E+00	1.07E-13	7.23E-11	1.28E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-13	7.00E-15	1.81E-10	0.00E+00	1.28E-09	0.00E+00	1.28E-09	1.46E-09	1.81E-10	0.00E+00	0.00E+00	0.00E+00	4.59E-12
U-FSLH24	1.48E-09	1.23E-10	1.39E-10	1.59E-11	0.00E+00	0.00E+00	9.40E-10	2.00E-15	6.00E-14	1.10E-12	0.00E+00	4.14E-12	0.00E+00	0.00E+00	2.58E-11	4.64E-13	6.52E-11	0.00E+00	1.30E-13	8.79E-11	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-13	8.00E-15	2.20E-10	0.00E+00	1.55E-09	0.00E+00	1.55E-09	1.77E-09	2.20E-10	0.00E+00	0.00E+00	0.00E+00	5.57E-12
U-FSLH28	2.04E-09	1.22E-10	1.38E-10	1.58E-11	0.00E+00	0.00E+00	9.33E-10	2.00E-15	5.90E-14	1.09E-12	0.00E+00	4.11E-12	0.00E+00	0.00E+00	2.56E-11	4.61E-13	6.47E-11	0.00E+00	1.29E-13	8.73E-11	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.89E-13	8.00E-15	2.18E-10	0.00E+00	1.54E-09	0.00E+00	1.54E-09	1.76E-09	2.18E-10	0.00E+00	0.00E+00	0.00E+00	5.53E-12
U-FSLH32	3.02E-09	1.21E-10	1.37E-10	1.56E-11	0.00E+00	0.00E+00	9.25E-10	2.00E-15	5.90E-14	1.08E-12	0.00E+00	4.07E-12	0.00E+00	0.00E+00	2.54E-11	4.57E-13	6.41E-11	0.00E+00	1.28E-13	8.65E-11	1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-13	8.00E-15	2.17E-10	0.00E+00	1.53E-09	0.00E+00	1.53E-09	1.74E-09	2.17E-10	0.00E+00	0.00E+00	0.00E+00	5.48E-12
U-FSLH36	3.33E-09	1.21E-10	1.36E-10	1.56E-11	0.00E+00	0.00E+00	9.21E-10	2.00E-15	5.90E-14	1.08E-12	0.00E+00	4.06E-12	0.00E+00	0.00E+00	2.53E-11	4.55E-13	6.39E-11	0.00E+00	1.27E-13	8.62E-11	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-13	8.00E-15	2.16E-10	0.00E+00	1.52E-09	0.00E+00	1.52E-09	1.74E-09	2.16E-10	0.00E+00	0.00E+00	0.00E+00	5.46E-12
U-FSTK-30-12	1.64E-04	8.10E-02	1.52E-02	6.57E-02	0.00E+00	0.00E+00	9.47E-01	9.00E-07	8.71E-05	5.42E-04	0.00E+00	1.60E-03	7.24E-09	2.12E-10	9.78E-03	1.75E-04	5.40E-03	0.00E+00	1.14E-04	2.69E-02	6.23E-01	0.00E+00	8.42E-10	1.09E-09	1.27E-04	3.23E-06	8.31E-02	0.00E+00	6.23E-01	1.53E-09	6.23E-01	7.06E-01	8.31E-02	0.00E+00	0.00E+00	0.00E+00	4.90E-03
U-FSTK-30-2	3.20E-04	1.48E-01	2.59E-02	1.22E-01	0.00E+00	0.00E+00	1.62E+00	1.59E-06	1.50E-04	9.43E-04	0.00E+00	2.74E-03	1.23E-08	3.64E-10	1.83E-02	2.97E-04	1.18E-02	0.00E+00	1.95E-04	5.09E-02	1.06E+00	0.00E+00	1.45E-09	1.92E-09	2.20E-04	5.84E-06	1.47E-01	0.00E+00	1.06E+00	2.74E-09	1.09E+00	1.24E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	9.20E-03
U-FSTK-30-3	1.88E+00	8.67E+02	1.52E+02	7.16E+02	0.00E+00	0.00E+00	9.48E+03	9.30E-03	8.78E-01	5.53E+00	0.00E+00	1.61E+01	7.21E-05	2.14E-06	1.07E+02	1.74E+00	6.92E+01	6.19E-02	1.26E+00	2.99E+02	6.41E+03	0.00E+00	8.53E-06	1.13E-05	1.29E+00	3.42E-02	8.61E+02	0.00E+00	6.41E+03	1.61E-05	6.41E+03	7.27E+03	8.61E+02	0.00E+00	0.00E+00	0.00E+00	5.40E+01
U-FSTK-30-6	3.85E-04	1.74E-01	3.28E-02	1.41E-01	0.00E+00	0.00E+00	2.04E+00	1.94E-06	1.87E-04	1.16E-03	0.00E+00	3.44E-03	1.56E-08	4.55E-10	2.10E-02	3.77E-04	1.16E-02	0.00E+00	2.45E-04	5.79E-02	1.34E+00	0.00E+00	1.81E-09	2.34E-09	2.72E-04	6.94E-06	1.79E-01	0.00E+00	1.34E+00	3.29E-09	1.34E+00	1.52E+00	1.79E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-02
U-FSTK-30-9	1.31E-05	1.35E-03	2.54E-04	1.10E-03	0.00E+00	0.00E+00	1.58E-02	1.50E-08	1.45E-06	9.03E-06	0.00E+00	2.67E-05	1.21E-10	3.53E-12	1.63E-04	2.92E-06	9.00E-05	1.00E-15	1.90E-06	4.49E-04	1.04E-02	0.00E+00	1.40E-11	1.82E-11	2.11E-06	5.38E-08	1.39E-03	0.00E+00	1.04E-02	2.55E-11	1.04E-02	1.18E-02	1.39E-03	0.00E+00	0.00E+00	0.00E+00	8.16E-05
U-FSTK-40-12	3.92E-04	1.78E-01	3.35E-02	1.45E-01	0.00E+00	0.00E+00	2.08E+00	1.98E-06	1.92E-04	1.19E-03	0.00E+00	3.52E-03	1.59E-08	4.66E-10	2.15E-02	3.85E-04	1.19E-02	1.00E-15	2.51E-04	5.92E-02	1.37E+00	0.00E+00	1.85E-09	2.40E-09	2.79E-04	7.10E-06	1.83E-01	0.00E+00	1.37E+00	3.36E-09	1.37E+00	1.55E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	1.08E-02
U-FSTK-40-2	3.55E-04	1.64E-01	2.87E-02	1.35E-01	0.00E+00	0.00E+00	1.79E+00	1.76E-06	1.66E-04	1.05E-03	0.00E+00	3.04E-03	1.36E-08	4.04E-10	2.03E-02	3.30E-04	1.31E-02	1.16E-05	2.38E-04	5.65E-02	1.21E+00	0.00E+00	1.61E-09	2.13E-09	2.44E-04	6.48E-06	1.63E-01	0.00E+00	1.21E+00	3.04E-09	1.21E+00	1.38E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	1.02E-02
U-FSTK-40-3	3.94E-04	1.76E-01	3.33E-02	1.45E-01	0.00E+00	0.00E+00	2.08E+00	1.96E-06	1.92E-04	1.19E-03	0.00E+00	3.52E-03	1.58E-08	4.66E-10	2.15E-02	3.85E-04	1.19E-02	1.00E-15	2.51E-04	5.92E-02	1.37E+00	0.00E+00	1.85E-09	2.40E-09	2.79E-04	7.10E-06	1.83E-01	0.00E+00	1.37E+00	3.36E-09	1.37E+00	1.55E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	1.08E-02
U-FSTK-40-6	8.51E-05	4.05E-02	7.62E-03	3.29E-02	0.00E+00	0.00E+00	4.73E-01	4.50E-07	4.36E-05	2.71E-04	0.00E+00	8.00E-04	3.62E-09	1.06E-10	4.89E-03	8.76E-05	2.70E-03	0.00E+00	5.70E-05	1.35E-02	3.11E-01	0.00E+00	4.21E-10	5.45E-10	6.33E-05	1.61E-06	4.16E-02	0.00E+00	3.11E-01	7.64E-10	3.13E-01	4.16E-02	0.00E+00	0.00E+00	0.00E+00	2.45E-03
U-FSTK-40-8	2.48E-04	1.17E-01	2.21E-02	9.53E-02	0.00E+00	0.00E+00	1.37E+00	1.31E-06	1.26E-04	7.85E-04	0.00E+00	2.32E-03	1.05E-08	3.07E-10	1.42E-02	2.54E-04	7.83E-03	1.00E-15	1.65E-04	3.90E-02	9.03E-01	0.00E+00	1.22E-09	1.58E-09	1.84E-04	4.68E-06	1.21E-01	0.00E+00	9.03E-01	2.22E-09	9.03E-01	1.02E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	7.10E-03
U-FSTK-40-9	2.84E-04	1.34E-01	2.52E-02	1.08E-01	0.00E+00	0.00E+00	1.56E+00	1.49E-06	1.44E-04	8.94E-04	0.00E+00	2.64E-03	1.19E-08	3.49E-10	1.61E-02	2.89E-04	8.91E-03	1.00E-15	1.88E-04	4.44E-02	1.03E+00	0.00E+00	1.39E-09	1.80E-09	2.09E-04	5.33E-06	1.37E-01	0.00E+00	1.03E+00	2.52E-09	1.03E+00	1.16E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	8.08E-03
U-FSTK-60-12	1.88E-04	9.18E-02	1.73E-02	7.45E-02	0.00E+00	0.00E+00	1.07E+00	1.02E-06	9.88E-05	6.14E-04	0.00E+00	1.81E-03	8.21E-09	2.40E-10	1.11E-02	1.99E-04	6.12E-03	1.00E-15	1.29E-04	3.05E-02	7.09E-01	0.00E+00	9.54E-10	1.24E-09	1.43E-04	3.66E-06	9.42E-02	0.00E+00	7.09E-01	1.73E-09	7.09E-01	8.00E-01	9.42E-02	0.00E+00	0.00E+00	0.00E+00	5.55E-03
U-FSTK-60-2	4.20E-04	1.94E-01	3.39E-02	1.60E-01	0.00E+00	0.00E+00	2.12E+00	2.08E-06	1.96E-04	1.24E-03	0.00E+00	3.59E-03	1.61E-08	4.78E-10	2.40E-02	3.90E-04	1.55E-02	1.38E-05	2.81E-04	6.68E-02	1.43E+00	0.00E+00	1.91E-09	2.52E-09	2.89E-04	7.66E-06	1.92E-01	0.00E+00	1.43E+00	3.60E-09	1.43E+00	1.63E+00	1.92E-01	0.00E+00	0.00E+00	0.00E+00	1.21E-02
U-FSTK-60-3	2.97E-04	1.35E-01	2.54E-02	1.10E-01	0.00E+00	0.00E+00	1.58E+00	1.50E-06	1.45E-04	9.03E-04	0.00E+00	2.67E-03	1.21E-08	3.53E-10	1.63E-02	2.92E-04	9.00E-03	0.00E+00	1.90E-04	4.49E-02	1.04E+00	0.00E+00	1.40E-09	1.82E-09	2.11E-04	5.38E-06	1.39E-01	0.00E+00	1.04E+00	2.55E-09	1.04E+00	1.18E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	8.16E-03
U-FSTK-60-6	2.70E-04	1.26E-01	2.26E-02	9.75E-02	0.00E+00	0.00E+00	1.40E+00	1.34E-06	1.29E-04	8.03E-04	0.00E+00	2.37E-03	1.07E-08	3.14E-10	1.45E-02	2.60E-04	8.01E-03	0.00E+00	1.69E-04	3.99E-02	9.24E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.79E-06	1.23E-01	0.00E+00	9.24E-01	2.27E-09	9.24E-01	1.05E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	7.26E-03
U-FSTK-60-8	9.91E-05	5.13E-02	9.66E-03	4.16E-02	0.00E+00	0.00E+00	6.00E-01	5.70E-07	5.52E-05	3.43E-04	0.00E+00	1.01E-03	4.59E-09	1.34E-10	6.19E-03	1.11E-04	3.42E-03	1.00E-15	7.22E-05	1.71E-02	3.95E-01	0.00E+00	5.33E-10	6.90E-10	8.02E-05	2.05E-06	5.26E-02	0.00E+00	3.95E-01	9.68E-10	3.95E-01	4.47E-01	5.26E-02	0.00E+00	0.00E+00	0.00E+00	3.10E-03
U-FSTK-60-9	2.67E-04	1.35E-01	2.54E-02	1.10E-01	0.00E+00	0.00E+00	1.58E+00	1.50E-06	1.45E-04	9.03E-04	0.00E+00	2.67E-03	1.21E-08	3.53E-10	1.63E-02	2.92E-04	9.00E-03	1.00E-15	1.90E-04	4.49E-02	1.04E+00	0.00E+00	1.40E-09	1.82E-09	2.11E-04	5.38E-06	1.39E-01	0.00E+00	1.04E+00	2.55E-09	1.04E+00	1.18E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	8.16E-03
U-FSTK-80-12	2.97E-04	1.40E-01	2.64E-02	1.14E-01	0.00E+00	0.00E+00	1.64E+00	1.56E-06	1.51E-04	9.39E-04	0.00E+00	2.77E-03	1.26E-08	3.67E-10	1.69E-02	3.04E-04	9.36E-03	1.00E-15	1.98E-04	4.67E-02	1.08E+00	0.00E+00	1.46E-09	1.89E-09	2.19E-04	5.60E-06	1.44E-01	0.00E+00	1.08E+00	2.65E-09	1.08E+00	1.22E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	8.49E-03
U-FSTK-80-2	3.04E-06	1.35E-03	2.54E-04	1.10E-03	0.00E+00	0.00E+00	1.58E-02	1.50E-08	1.45E-06	9.03E-06	0.00E+00	2.67E-05	1.21E-10	3.53E-12	1.63E-04	2.92E-06	9.00E-05	0.00E+00	1.90E-06	4.49E-04	1.04E-02	0.00E+00	1.40E-11	1.82E-11	2.11E-06	5.38E-08	1.39E-03	0.00E+00	1.04E-02	2.55E-11	1.04E-02	1.18E-02	1.39E-03	0.00E+00	0.00E+00	0.00E+00	8.16E-05
U-FSTK-80-3	2.37E-04	1.08E-01	2.03E-02	8.76E-02	0.00E+00	0.00E+00	1.26E+00	1.20E-06	1.16E-04	7.22E-04	0.00E+00	2.13E-03	9.69E-09	2.82E-10	1.30E-02	2.34E-04	7.20E-03	0.00E+00	1.52E-04	3.59E-02	8.31E-01	0.00E+00	1.12E-09	1.45E-09	1.69E-04	4.31E-06	1.11E-01	0.00E+00	8.31E-01	2.04E-09	8.31E-01	9.41E-01	1.11E-01	0.00E+00	0.00E+00	0.00E+00	6.53E-03
U-FSTK-80-6	2.51E-04	1.11E-01	2.09E-02	9.02E-02	0.00E+00	0.00E+00	1.30E+00	1.24E-06	1.20E-04	7.44E-04	0.00E+00	2.20E-03	9.94E-09	2.91E-10	1.34E-02	2.40E-04	7.41E-03	0.00E+00	1.57E-04	3.70E-02	8.55E-01	0.00E+00	1.16E-09	1.50E-09	1.74E-04	4.43E-06	1.14E-01	0.00E+00	8.55E-01	2.10E-09	8.55E-01	9.69E-01	1.14E-01	0.00E+00	0.00E+00	0.00E+00	6.72E-03
U-FSTK-80-8	1.93E-04	9.31E-02	1.75E-02	7.56E-02	0.00E+00	0.00E+00	1.09E+00	1.04E-06	1.00E-04	6.23E-04	0.00E+00	1.84E-03	8.33E-09	2.43E-10	1.12E-02	2.01E-04	6.21E-03	1.00E-15	1.31E-04	3.10E-02	7.16E-01	0.00E+00	9.68E-10	1.25E-09	1.46E-04	3.71E-06	9.56E-02	0.00E+00	7.16E-01	1.75E-09	7.16E-01	8.12E-01	9.56E-02	0.00E+00	0.00E+00	0.00E+00	5.63E-03
U-FSTK-80-9	8.10E-06	1.08E-02	2.03E-03	8.76E-03	0.00E+00	0.00E+00	1.26E-01	1.20E-07	1.16E-05	7.22E-05	0.00E+00	2.13E-04	9.69E-10	2.82E-11	1.30E-03	2.34E-05	7.20E-04	1.00E-15	1.52E-05	3.59E-03	8.31E-02	0.00E+00	1.12E-10	1.45E-10	1.69E-05	4.31E-07	1.11E-02	0.00E+00	8.31E-02	2.04E-10	8.31E-02	9.41E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	6.53E-04
U-FVS11020	3.40E-06	1.67E-10	1.88E-10	2.15E-11	0.00E+00	0.00E+00	1.27E-09	3.00E-15	8.10E-14	1.49E-12	0.00E+00	5.60E-12	0.00E+00	0.00E+00	3.49E-11	6.28E-13	8.82E-11	0.00E+00	1.75E-13	1.19E-10	2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.58E-13	1.16E-14	2.98E-10	0.00E+00	2.10E-09	0.00E+00	2.10E-09	2.40E-09	2.98E-10	0.00E+00	0.00E+00	0.00E+00	7.53E-12
U-FVS11022	3.51E-06	1.67E-10	1.89E-10	2.15E-11	0.00E+00	0.00E+00	1.27E-09	3.00E-15	8.10E-14	1.49E-12	0.00E+00	5.61E-12	0.00E+00	0.00E+00	3.50E-11	6.29E-13	8.83E-11	0.00E+00	1.76E-13	1.19E-10	2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.58E-13	1.16E-14	2.98E-10	0.00E+00	2.10E-09	0.00E+00	2.10E-09	2.40E-09	2.98E-10	0.00E+00	0.00E+00	0.00E+00	7.54E-12
U-FVS6020	1.35E-08	1.56E-10	1.76E-10	2.00E-11	0.00E+00	0.00E+00	1.18E-09	3.00E-15	7.50E-14	1.39E-12	0.00E+00	5.22E-12	0.00E+00	0.00E+00	3.25E-11	5.85E-13	8.22E-11	0.00E+00	1.64E-13	1.11E-10	1.96E-09	0.00E+00	0.00E+00	0.00E+00	2.40E-13	1.00E-14	2.77E-10	0.00E+00	1.96E-09	0.00E+00	1.96E-09	2.23E-09	2.77E-10	0.00E+00	0.00E+00	0.00E+00	7.02E-12
U-FVS6022	1.40E-08	1.56E-10	1.76E-10	2.00E-11	0.00E+00	0.00E+00	1.19E-09	3.00E-15	7.50E-14	1.39E-12	0.00E+00	5.22E-12	0.00E+00	0.00E+00	3.26E-11	5.86E-13	8.22E-11	0.00E+00	1.64E-13	1.11E-10	1.96E-09	0.00E+00	0.00E+00	0.00E+00	2.40E-13	1.00E-14	2.78E-10	0.00E+00	1.96E-09	0.00E+00	1.96E-09	2.23E-09	2.78E-10	0.00E+00	0.00E+00

U-GRSSL23FE80	2.06E-09	5.76E-09	6.50E-09	7.40E-10	0.00E+00	0.00E+00	4.38E-08	1.10E-13	2.76E-12	5.14E-11	0.00E+00	1.93E-10	1.00E-15	0.00E+00	1.20E-09	2.16E-11	3.04E-09	0.00E+00	6.05E-12	4.10E-09	7.23E-08	0.00E+00	0.00E+00	0.00E+00	8.89E-12	3.86E-13	1.03E-08	0.00E+00	7.23E-08	0.00E+00	7.23E-08	8.26E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	2.80E-10
U-GRSSL23HF60	1.70E-08	5.76E-09	6.50E-09	7.40E-10	0.00E+00	0.00E+00	4.39E-08	1.10E-13	2.76E-12	5.14E-11	0.00E+00	1.93E-10	1.00E-15	0.00E+00	1.20E-09	2.17E-11	3.04E-09	0.00E+00	6.05E-12	4.10E-09	7.24E-08	0.00E+00	0.00E+00	0.00E+00	8.89E-12	3.87E-13	1.03E-08	0.00E+00	7.24E-08	0.00E+00	7.24E-08	8.26E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	2.80E-10
U-GRSSL23HF80	1.67E-08	5.76E-09	6.50E-09	7.40E-10	0.00E+00	0.00E+00	4.39E-08	1.10E-13	2.76E-12	5.14E-11	0.00E+00	1.93E-10	1.00E-15	0.00E+00	1.20E-09	2.17E-11	3.04E-09	0.00E+00	6.05E-12	4.10E-09	7.24E-08	0.00E+00	0.00E+00	0.00E+00	8.89E-12	3.87E-13	1.03E-08	0.00E+00	7.24E-08	0.00E+00	7.24E-08	8.26E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	2.80E-10
U-GRSSL27FE60	2.58E-04	1.15E-01	2.16E-02	9.31E-02	0.00E+00	0.00E+00	1.34E+00	1.28E-06	1.23E-04	7.67E-04	0.00E+00	2.27E-03	1.03E-08	3.00E-10	1.39E-02	2.48E-04	7.65E-03	0.00E+00	1.62E-04	3.81E-02	8.82E-01	0.00E+00	1.19E-09	1.54E-09	1.79E-04	4.58E-06	1.18E-01	0.00E+00	8.82E-01	2.16E-09	8.82E-01	1.00E+00	1.18E-01	0.00E+00	0.00E+00	0.00E+00	6.94E-03
U-GRSSL27FE80	1.70E-04	7.56E-02	1.42E-02	6.13E-02	0.00E+00	0.00E+00	8.84E-01	8.40E-07	8.13E-05	5.06E-04	0.00E+00	1.49E-03	6.76E-09	1.98E-10	9.13E-03	1.63E-04	5.04E-03	0.00E+00	1.06E-04	2.51E-02	5.81E-01	0.00E+00	7.86E-10	1.02E-09	1.18E-04	3.01E-06	7.76E-02	0.00E+00	5.81E-01	1.43E-09	5.81E-01	6.59E-01	7.76E-02	0.00E+00	0.00E+00	0.00E+00	4.57E-03
U-GRSSL27HF60	1.70E-04	7.56E-02	1.42E-02	6.13E-02	0.00E+00	0.00E+00	8.84E-01	8.40E-07	8.13E-05	5.06E-04	0.00E+00	1.49E-03	6.76E-09	1.98E-10	9.13E-03	1.63E-04	5.04E-03	0.00E+00	1.06E-04	2.51E-02	5.81E-01	0.00E+00	7.86E-10	1.02E-09	1.18E-04	3.01E-06	7.76E-02	0.00E+00	5.81E-01	1.43E-09	5.81E-01	6.59E-01	7.76E-02	0.00E+00	0.00E+00	0.00E+00	4.57E-03
U-GRSSL27HF80	3.85E-04	1.71E-01	3.23E-02	1.39E-01	0.00E+00	0.00E+00	2.00E+00	1.91E-06	1.84E-04	1.15E-03	0.00E+00	3.39E-03	1.53E-08	4.48E-10	2.07E-02	3.71E-04	1.14E-02	0.00E+00	2.41E-04	5.70E-02	1.32E+00	0.00E+00	1.78E-09	2.31E-09	2.68E-04	6.84E-06	1.76E-01	0.00E+00	1.32E+00	3.23E-09	1.32E+00	1.49E+00	1.76E-01	0.00E+00	0.00E+00	0.00E+00	1.04E-02
U-GRSSL34FE	1.18E-08	5.78E-11	6.53E-11	7.44E-12	0.00E+00	0.00E+00	4.41E-10	1.00E-15	2.80E-14	5.17E-13	0.00E+00	1.94E-12	0.00E+00	0.00E+00	1.21E-11	2.18E-13	3.06E-11	0.00E+00	6.10E-14	4.12E-11	7.27E-10	0.00E+00	0.00E+00	0.00E+00	8.90E-14	4.00E-15	1.03E-10	0.00E+00	7.27E-10	0.00E+00	7.27E-10	8.30E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	2.81E-12
U-GRSSL34HF	2.67E-04	1.18E-01	2.24E-02	9.64E-02	0.00E+00	0.00E+00	1.39E+00	1.32E-06	1.28E-04	7.94E-04	0.00E+00	2.35E-03	1.06E-08	3.10E-10	1.43E-02	2.57E-04	7.92E-03	0.00E+00	1.67E-04	3.95E-02	9.14E-01	0.00E+00	1.23E-09	1.60E-09	1.86E-04	4.74E-06	1.22E-01	0.00E+00	9.14E-01	2.24E-09	9.14E-01	1.04E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	7.18E-03
U-GRSSL38FE	1.21E-08	5.78E-11	6.52E-11	7.43E-12	0.00E+00	0.00E+00	4.40E-10	1.00E-15	2.80E-14	5.16E-13	0.00E+00	1.94E-12	0.00E+00	0.00E+00	1.21E-11	2.17E-13	3.05E-11	0.00E+00	6.10E-14	4.12E-11	7.26E-10	0.00E+00	0.00E+00	0.00E+00	8.90E-14	4.00E-15	1.03E-10	0.00E+00	7.26E-10	0.00E+00	7.26E-10	8.30E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	2.81E-12
U-GRSSL38HF	1.76E-04	7.83E-02	1.47E-02	6.35E-02	0.00E+00	0.00E+00	9.15E-01	8.70E-07	8.42E-05	5.24E-04	0.00E+00	1.55E-03	7.00E-09	2.05E-10	9.45E-03	1.69E-04	5.22E-03	0.00E+00	1.10E-04	2.60E-02	6.02E-01	0.00E+00	8.14E-10	1.05E-09	1.22E-04	3.12E-06	8.03E-02	0.00E+00	6.02E-01	1.48E-09	6.02E-01	6.83E-01	8.03E-02	0.00E+00	0.00E+00	0.00E+00	4.73E-03
U-GRSTSE19	1.56E-04	7.15E-02	1.35E-02	5.81E-02	0.00E+00	0.00E+00	8.36E-01	7.95E-07	7.70E-05	4.78E-04	0.00E+00	1.41E-03	6.40E-09	1.87E-10	8.64E-03	1.55E-04	4.77E-03	0.00E+00	1.01E-04	2.38E-02	5.50E-01	0.00E+00	7.44E-10	9.63E-10	1.12E-04	2.85E-06	7.34E-02	0.00E+00	5.50E-01	1.35E-09	5.50E-01	6.24E-01	7.34E-02	0.00E+00	0.00E+00	0.00E+00	4.32E-03
U-GRSTSE9	2.94E-04	1.31E-01	2.46E-02	1.06E-01	0.00E+00	0.00E+00	1.53E+00	1.46E-06	1.41E-04	8.76E-04	0.00E+00	2.59E-03	1.17E-08	3.42E-10	1.58E-02	2.83E-04	8.73E-03	0.00E+00	1.84E-04	4.35E-02	1.01E+00	0.00E+00	1.36E-09	1.76E-09	2.05E-04	5.22E-06	1.34E-01	0.00E+00	1.01E+00	2.47E-09	1.01E+00	1.14E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	7.91E-03
U-GSH7060	3.09E-09	6.23E-11	7.03E-11	8.01E-12	0.00E+00	0.00E+00	4.75E-10	1.00E-15	3.00E-14	5.57E-13	0.00E+00	2.09E-12	0.00E+00	0.00E+00	1.30E-11	2.34E-13	3.29E-11	0.00E+00	6.50E-14	4.44E-11	7.83E-10	0.00E+00	0.00E+00	0.00E+00	9.60E-14	4.00E-15	1.11E-10	0.00E+00	7.83E-10	0.00E+00	7.83E-10	8.94E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	2.81E-12
U-GSHC	2.61E-04	1.16E-01	2.19E-02	9.42E-02	0.00E+00	0.00E+00	1.36E+00	1.29E-06	1.25E-04	7.76E-04	0.00E+00	2.29E-03	1.04E-08	3.03E-10	1.40E-02	2.51E-04	7.74E-03	0.00E+00	1.63E-04	3.86E-02	8.93E-01	0.00E+00	1.21E-09	1.56E-09	1.81E-04	4.63E-06	1.19E-01	0.00E+00	8.93E-01	2.19E-09	8.93E-01	1.01E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	7.02E-03
U-GSHCL	1.90E-04	8.51E-02	1.58E-02	6.93E-02	0.00E+00	0.00E+00	9.83E-01	9.40E-07	9.06E-05	5.64E-04	0.00E+00	1.66E-03	7.51E-09	2.20E-10	1.03E-02	1.82E-04	5.88E-03	3.00E-04	1.20E-04	2.85E-02	6.59E-01	0.00E+00	8.76E-10	1.14E-09	1.32E-04	3.39E-06	8.68E-02	0.00E+00	6.59E-01	1.60E-09	6.59E-01	7.37E-01	8.68E-02	0.00E+00	0.00E+00	0.00E+00	5.17E-03
U-GSHU11060	4.43E-04	1.97E-01	3.71E-02	1.60E-01	0.00E+00	0.00E+00	2.30E+00	2.19E-06	2.12E-04	1.32E-03	0.00E+00	3.90E-03	1.76E-08	5.15E-10	2.38E-02	4.26E-04	1.31E-02	0.00E+00	2.77E-04	6.55E-02	1.52E+00	0.00E+00	2.05E-09	2.65E-09	3.08E-04	7.86E-06	2.02E-01	0.00E+00	1.52E+00	3.72E-09	1.52E+00	1.72E+00	2.02E-01	0.00E+00	0.00E+00	0.00E+00	1.19E-02
U-GSHU11080	4.31E-04	1.92E-01	3.61E-02	1.56E-01	0.00E+00	0.00E+00	2.24E+00	2.13E-06	2.06E-04	1.28E-03	0.00E+00	3.79E-03	1.71E-08	5.01E-10	2.31E-02	4.15E-04	1.28E-02	0.00E+00	2.70E-04	6.37E-02	1.47E+00	0.00E+00	1.99E-09	2.58E-09	3.00E-04	7.64E-06	1.97E-01	0.00E+00	1.47E+00	3.62E-09	1.47E+00	1.67E+00	1.97E-01	0.00E+00	0.00E+00	0.00E+00	1.16E-02
U-GSHU13560	3.55E-04	1.58E-01	2.97E-02	1.28E-01	0.00E+00	0.00E+00	1.85E+00	1.76E-06	1.70E-04	1.06E-03	0.00E+00	3.12E-03	1.41E-08	4.13E-10	1.91E-02	3.42E-04	1.05E-02	0.00E+00	2.22E-04	5.25E-02	1.21E+00	0.00E+00	1.64E-09	2.13E-09	2.47E-04	6.30E-06	1.62E-01	0.00E+00	1.21E+00	2.98E-09	1.21E+00	1.38E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	9.55E-03
U-GSHU13580	3.40E-04	1.51E-01	2.85E-02	1.23E-01	0.00E+00	0.00E+00	1.77E+00	1.68E-06	1.63E-04	1.01E-03	0.00E+00	2.99E-03	1.35E-08	3.95E-10	1.83E-02	3.27E-04	1.01E-02	0.00E+00	2.13E-04	5.03E-02	1.16E+00	0.00E+00	1.57E-09	2.04E-09	2.36E-04	6.03E-06	1.55E-01	0.00E+00	1.16E+00	2.85E-09	1.16E+00	1.32E+00	1.55E-01	0.00E+00	0.00E+00	0.00E+00	9.14E-03
U-GSHU6060	3.55E-04	1.58E-01	2.97E-02	1.28E-01	0.00E+00	0.00E+00	1.85E+00	1.76E-06	1.70E-04	1.06E-03	0.00E+00	3.12E-03	1.41E-08	4.13E-10	1.91E-02	3.42E-04	1.05E-02	0.00E+00	2.22E-04	5.25E-02	1.21E+00	0.00E+00	1.64E-09	2.13E-09	2.47E-04	6.30E-06	1.62E-01	0.00E+00	1.21E+00	2.98E-09	1.21E+00	1.38E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	9.55E-03
U-GSHU6080	3.49E-04	1.55E-01	2.92E-02	1.26E-01	0.00E+00	0.00E+00	1.81E+00	1.73E-06	1.67E-04	1.04E-03	0.00E+00	3.07E-03	1.39E-08	4.06E-10	1.87E-02	3.36E-04	1.03E-02	0.00E+00	2.19E-04	5.16E-02	1.19E+00	0.00E+00	1.61E-09	2.09E-09	2.43E-04	6.19E-06	1.59E-01	0.00E+00	1.19E+00	2.93E-09	1.19E+00	1.35E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	9.38E-03
U-GSHU8560	4.43E-04	1.97E-01	3.71E-02	1.60E-01	0.00E+00	0.00E+00	2.30E+00	2.19E-06	2.12E-04	1.32E-03	0.00E+00	3.90E-03	1.76E-08	5.15E-10	2.38E-02	4.26E-04	1.31E-02	0.00E+00	2.77E-04	6.55E-02	1.52E+00	0.00E+00	2.05E-09	2.65E-09	3.08E-04	7.86E-06	2.02E-01	0.00E+00	1.52E+00	3.72E-09	1.52E+00	1.72E+00	2.02E-01	0.00E+00	0.00E+00	0.00E+00	1.19E-02
U-GSHU8580	4.34E-04	1.93E-01	3.63E-02	1.57E-01	0.00E+00	0.00E+00	2.26E+00	2.15E-06	2.08E-04	1.29E-03	0.00E+00	3.82E-03	1.73E-08	5.04E-10	2.33E-02	4.17E-04	1.29E-02	0.00E+00	2.72E-04	6.42E-02	1.48E+00	0.00E+00	2.01E-09	2.60E-09	3.02E-04	7.70E-06	1.98E-01	0.00E+00	1.48E+00	3.64E-09	1.48E+00	1.68E+00	1.98E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
U-GSLELKAB6060	2.12E-04	9.45E-02	1.78E-02	7.67E-02	0.00E+00	0.00E+00	1.10E+00	1.05E-06	1.02E-04	6.32E-04	0.00E+00	1.87E-03	8.45E-09	2.47E-10	1.14E-02	2.04E-04	6.30E-03	0.00E+00	1.33E-04	3.14E-02	7.27E-01	0.00E+00	9.82E-10	1.27E-09	1.48E-04	3.77E-06	9.70E-02	0.00E+00	7.27E-01	1.78E-09	7.27E-01	8.24E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	5.71E-03
U-GSLELKAB6080	2.58E-04	1.15E-01	2.16E-02	9.31E-02	0.00E+00	0.00E+00	1.34E+00	1.28E-06	1.23E-04	7.67E-04	0.00E+00	2.27E-03	1.03E-08	3.00E-10	1.39E-02	2.48E-04	7.65E-03	0.00E+00	1.62E-04	3.81E-02	8.82E-01	0.00E+00	1.19E-09	1.54E-09	1.79E-04	4.58E-06	1.18E-01	0.00E+00	8.82E-01	2.16E-09	8.82E-01	1.00E+00	1.18E-01	0.00E+00	0.00E+00	0.00E+00	6.94E-03
U-GSLEZU6060	2.61E-04	1.16E-01	2.19E-02	9.42E-02	0.00E+00	0.00E+00	1.36E+00	1.29E-06	1.25E-04	7.76E-04	0.00E+00	2.29E-03	1.04E-08	3.03E-10	1.40E-02	2.51E-04	7.74E-03	0.00E+00	1.63E-04	3.86E-02	8.93E-01	0.00E+00	1.21E-09	1.56E-09	1.81E-04	4.63E-06	1.19E-01	0.00E+00	8.93E-01	2.19E-09	8.93E-01	1.01E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	7.02E-03
U-GSLEZU6080	2.21E-04	9.85E-02	1.85E-02	8.00E-02	0.00E+00	0.00E+00	1.15E+00	1.10E-06	1.06E-04	6.59E-04	0.00E+00	1.95E-03	8.81E-09	2.57E-10	1.19E-02	2.13E-04	6.57E-03	0.00E+00	1.39E-04	3.28E-02	7.58E-01	0.00E+00	1.02E-09	1.33E-09	1.54E-04	3.93E-06	1.01E-01	0.00E+00	7.58E-01	1.86E-09	7.58E-01	8.59E-01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	5.96E-03
U-GSV403FR	4.64E-07	2.76E-09	3.11E-09	3.55E-10	0.00E+00	0.00E+00	2.10E-08	5.30E-14	1.33E-12	2.46E-11	0.00E+00	9.25E-11	0.00E+00	0.00E+00	5.77E-10	1.04E-11	1.46E-09	0.00E+00	2.89E-12	1.96E-09	3.47E-08	0.00E+00	0.00E+00	0.00E+00	4.25E-12	1.85E-13	4.92E-09	0.00E+00	3.47E-08	0.00E+00	3.47E-08	3.96E-08	4.92E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-10
U-GSV404FR	4.64E-07	2.76E-09	3.11E-09	3.55E-10	0.00E+00	0.00E+00	2.10E-08	5.30E-14	1.33E-12	2.46E-11	0.00E+00	9.25E-11	0.00E+00	0.00E+00	5.77E-10	1.04E-11	1.46E-09	0.00E+00	2.89E-12	1.96E-09	3.47E-08	0.00E+00	0.00E+00	0.00E+00	4.25E-12	1.85E-13	4.92E-09	0.00E+00	3.47E-08	0.00E+00	3.47E-08	3.96E-08	4.92E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-10
U-GSV405FR	4.63E-07	2.76E-09	3.11E-09	3.55E-10	0.00E+00	0.00E+00	2.10E-08	5.30E-14	1.33E-12	2.47E-11	0.00E+00	9.26E-11	0.00E+00	0.00E+00	5.77E-10	1.04E-11	1.46E-09	0.00E+00	2.89E-12	1.97E-09	3.47E-08	0.00E+00	0.00E+00	0.00E+00	4.25E-12	1.85E-13	4.92E-09	0.00E+00	3.47E-08	0.00E+00	3.47E-08	3.96E-08	4.92E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-10
U-GSV406W	4.64E-07	2.76E-09	3.11E-09	3.55E-10	0.00E+00	0.00E+00	2.10E-08	5.30E-14	1.33E-12	2.46E-11	0.00E+00	9.25E-11	0.00E+00	0.00E+00	5.77E-10	1.04E-11	1.46E-09	0.00E+00	2.89E-12	1.96E-09	3.47E-08	0.00E+00	0.00E+00	0.00E+00	4.25E-12	1.85E-13	4.92E-09	0.00E+00	3.47E-08	0.00E+00	3.47E-08	3.96E-08	4.92E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-10
U-HBFI2500N80	2.43E-04	1.08E-01	2.03E-02	8.76E-02	0.00E+00	0.00E+00	1.26E+00	1.20E-06	1.16E-04	7.22E-04	0.00E+00	2.13E-03	9.66E-09	2.82E-10	1.30E-02	2.34E-04	7.20E-03	0.00E+00	1.52E-04	3.59E-02	8.31E-01	0.00E+00	1.12E-09	1.45E-09	1.69E-04	4.31E-06	1.11E-01	0.00E+00	8.31E-01	2.04E-09	8.31E-01	9.41E-01	1.11E-01	0.00E+00	0.00E+00	0.00E+00	6.53E-03
U-HBFI45	3.04E-06	1.35E-03	2.54E-04	1.10E-03	0.00E+00	0.00E+00	1.58E-02	1.50E-08	1.45E-06	9.03E-06	0.00E+00	2.67E-05	1.21E-10	3.53E-12	1.63E-04	2.92E-06	9.00E-05	0.00E+00	1.90E-06	4.49E-04	1.04E-02	0.00E+00	1.40E-11	1.82E-11	2.11E-06	5.38E-08	1.39E-03	0.00E+00	1.04E-02	2.55E-11	1.04E-02	1.18E-02	1.39E-03	0.00E+00	0.00E+00	0.00E+00	8.16E-05
U-HBFI60	3.04E-06	1.35E-03	2.54E-04	1.10E-03	0.00E+00	0.00E+00	1.58E-02	1.50E-08	1.45E-06	9.03E-06	0.00E+00	2.67E-05	1.21E-10	3.53E-12	1.63E-04	2.92E-06	9.00E-05	0.00E+00	1.90E-06	4.49E-04	1.04E-02	0.00E+00	1.40E-11	1.82E-11	2.11E-06	5.38E-08	1.39E-03	0.00E+00	1.04E-02	2.55E-11	1.04E-02	1.18E-02	1.39E-03	0.00E+00	0.00E+00	0.00E+00	8.16E-05
U-HBFI80	5.71E-09	6.04E-11	6.82E-11	7.77E-12	0.00E+00	0.00E+00	4.60E-10	1.00E-15	2.90E-14	5.40E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.30E-14	4.30E-11	7.59E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.59E-10	0.00E+00	7.59E-10	8.67E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-12
U-HBFITSE110	1.88E-04	8.37E-02	1.56E-02	6.76E-02	0.00E+00	0.00E+00	9.76E-01	9.32E-07	9.00E-05	5.60E-04	0.00E+00	1.65E-03	7.46E-09	2.19E-10	1.01E-02	1.81E-04	5.58E-03	0.00E+00	1.18E-04	2.78E-02	6.44E-01	0.00E+00	8.70E-10	1.13E-09	1.31E-04	3.34E-06	8.59E-02	0.00E+00	6.44E-01	1.58E-09	6.44E-01	7.30E-01	8.59E-02	0.00E+00	0.00E+00	0.00E+00	5.06E-03
U-HBFITSE60	2.64E-04	1.17E-01	2.21E-02	9.53E-02	0.00E+00	0.00E+00	1.37E+00	1.31E-06	1.26E-04	7.85E-04	0.00E+00	2.32E-03	1.05E-08	3.07E-10	1.42E-02	2.54E-04	7.83E-03	0.00E+00	1.65E-04	3.90E-02	9.03E-01	0.00E+00	1.22E-09	1.58E-09	1.84E-04	4.68E-06	1.21E-01	0.00E+00	9.03E-01	2.22E-09	9.03E-01	1.02E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	7.10E-03
U-HBI1008	1.71E-07	2.62E-09	2.95E-09	3.36E-10	0.00E+00	0.00E+00	1.99E-08	5.00E-14	1.27E-12	2.34E-11	0.00E+00	8.78E-11	0.00E+00	0.00E+00	5.47E-10	9.84E-12	1.38E-09	0.00E+00	2.75E-12	1.86E-09	3.29E-08	0.00E+00	0.00E+00	0.00E+00	4.04E-12	1.76E-13	4.67E-09	0.00E+00	3.29E-08	0.00E+00	3.29E-08	3.76E-08	4.67E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-10
U-HBI456	1.66E-07	2.18E-09	2.46E-09	2.80E-10	0.00E+00	0.00E+00	1.66E-08	4.20E-14	1.05E-12	1.95E-11	0.00E+00	7.31E-11	0.00E+00	0.00E+00	4.56E-10	8.20E-12	1.15E-09	0.00E+00	2.29E-12	1.55E-09	2.74E-08	0.00E+00	0.00E+00	0.00E+00	3.36E-12	1.46E-13	3.89E-09	0.00E+00	2.74E-08	0.00E+00	2.74E-08	3.13E-08	3.89E-09	0.00E+00	0.00E+00	0.00E+00	9.83E-11
U-HBI606	1.66E-07	2.18E-09	2.46E-09	2.80E-10	0.00E+00	0.00E+00	1.66E-08	4.20E-14	1.05E-12	1.95E-11	0.00E+00	7.31E-11	0.00E+00	0.00E+00	4.56E-10	8.20E-12	1.15E-09	0.00E+00	2.29E-12	1.55E-09	2.74E-08	0.00E+00	0.00E+00	0.00E+00	3.36E-12	1.46E-13	3.89E-09	0.00E+00	2.74E-08	0.00E+00	2.74E-08	3.13E-08	3.89E-09	0.00E+00	0.00E+00	0.00E+00	9.83E-11
U-HBI806	1.67E-07	2.18E-09	2.46E-09	2.80E-10	0.00E+00	0.00E+00	1.66E-08	4.20E-14	1.05E-12	1.95E-11	0.00E+00	7.31E-11	0.00E+00	0.00E+00	4.56E-10	8.20E-12	1.15E-09	0.00E+00	2.29E-12	1.55E-09	2.74E-08	0.00E+00	0.00E+00	0.00E+00	3.36E-12	1.46E-13	3.89E-09	0.00E+00	2.74E-08	0.00E+00	2.74E-08	3.13E-08	3.89E-09	0.00E+00	0.00E+00	0.00E+00	9.83E-11
U-HBIM45	6.07E-09	6.03E-11	6.80E-11	7.75E-12	0.00E+00	0.00E+00	4.59E-10	1.00E-15	2.90E-14	5.38E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.18E-11	0.00E+00	6.30E-14	4.29E-11	7.57E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.57E-10	0.00E+00	7.57E-10	8.65E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-12
U-HBIM60	6.61E-09	6.00E-11	6.78E-11	7.72E-12	0.00E+00	0.00E+00	4.57E-10	1.00E-15	2.90E-14	5.36E-13	0.00E+00	2.01E-12	0.00E+00	0.00E+00	1.26E-11	2.26E-13	3.17E-11	0.00E+00	6.30E-14	4.28E-11	7.55E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.55E-10	0.00E+00	7.55E-10	8.62E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-12
U-HBIM806	6.62E-09	6.00E-11	6.78E-11	7.72E-12	0.00E+00	0.00E+00	4.57E-10	1.00E-15	2.90E-14	5.36E-13	0.00E+00	2.01E-12	0.00E+00	0.00E+00	1.26E-11	2.26E-13	3.17E-11	0.00E+00	6.30E-14	4.28E-11	7.55E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.55E-10	0.00E+00	7.55E-10	8.62E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-12
U-HBIM808	6.52E-09	6.01E-11	6.78E-11	7.73E-12	0.00E+00	0.00E+00	4.58E-10	1.00E-15	2.90E-14	5.37E-13	0.00E+00	2.02E-12	0.00E+00	0.00E+00	1.26E-11	2.26E-13	3.17E-11	0.00E+00	6.30E-14	4.28E-11	7.55E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.55E-10	0.00E+00	7.55E-10	8.62E-10	1.07E-10	0.00E+00	0.00E+00	0.

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U-MC5EOD254UM	2.12E-04	9.77E-02	1.71E-02	8.05E-02	0.00E+00	0.00E+00	1.07E+00	1.05E-05	9.90E-05	6.23E-04	0.00E+00	1.81E-03	8.13E-09	2.41E-10	1.21E-02	1.97E-04	7.76E-03	6.27E-06	1.41E-04	3.36E-02	7.22E-01	0.00E+00	9.61E-10	1.27E-09	1.45E-04	3.85E-06	9.70E-02	0.00E+00	7.22E-01	1.81E-09	7.22E-01	8.19E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	6.07E-03
U-MC5EOD633UG	2.12E-04	9.77E-02	1.71E-02	8.05E-02	0.00E+00	0.00E+00	1.07E+00	1.05E-05	9.90E-05	6.23E-04	0.00E+00	1.81E-03	8.13E-09	2.41E-10	1.21E-02	1.97E-04	7.76E-03	6.27E-06	1.41E-04	3.36E-02	7.22E-01	0.00E+00	9.61E-10	1.27E-09	1.45E-04	3.85E-06	9.70E-02	0.00E+00	7.22E-01	1.81E-09	7.22E-01	8.19E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	6.07E-03
U-MC5EOD633UGM	2.12E-04	9.77E-02	1.71E-02	8.05E-02	0.00E+00	0.00E+00	1.07E+00	1.05E-05	9.90E-05	6.23E-04	0.00E+00	1.81E-03	8.13E-09	2.41E-10	1.21E-02	1.97E-04	7.76E-03	6.27E-06	1.41E-04	3.36E-02	7.22E-01	0.00E+00	9.61E-10	1.27E-09	1.45E-04	3.85E-06	9.70E-02	0.00E+00	7.22E-01	1.81E-09	7.22E-01	8.19E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	6.07E-03
U-MC5EOD634G	2.12E-04	9.77E-02	1.71E-02	8.05E-02	0.00E+00	0.00E+00	1.07E+00	1.05E-05	9.90E-05	6.23E-04	0.00E+00	1.81E-03	8.13E-09	2.41E-10	1.21E-02	1.97E-04	7.76E-03	6.27E-06	1.41E-04	3.36E-02	7.22E-01	0.00E+00	9.61E-10	1.27E-09	1.45E-04	3.85E-06	9.70E-02	0.00E+00	7.22E-01	1.81E-09	7.22E-01	8.19E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	6.07E-03
U-MC5EOD634GM	2.12E-04	9.77E-02	1.71E-02	8.05E-02	0.00E+00	0.00E+00	1.07E+00	1.05E-05	9.90E-05	6.23E-04	0.00E+00	1.81E-03	8.13E-09	2.41E-10	1.21E-02	1.97E-04	7.76E-03	6.27E-06	1.41E-04	3.36E-02	7.22E-01	0.00E+00	9.61E-10	1.27E-09	1.45E-04	3.85E-06	9.70E-02	0.00E+00	7.22E-01	1.81E-09	7.22E-01	8.19E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	6.07E-03
U-MC5EOD634U	2.12E-04	9.77E-02	1.71E-02	8.05E-02	0.00E+00	0.00E+00	1.07E+00	1.05E-05	9.90E-05	6.23E-04	0.00E+00	1.81E-03	8.13E-09	2.41E-10	1.21E-02	1.97E-04	7.76E-03	6.27E-06	1.41E-04	3.36E-02	7.22E-01	0.00E+00	9.61E-10	1.27E-09	1.45E-04	3.85E-06	9.70E-02	0.00E+00	7.22E-01	1.81E-09	7.22E-01	8.19E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	6.07E-03
U-MC5EOD634UM	2.12E-04	9.77E-02	1.71E-02	8.05E-02	0.00E+00	0.00E+00	1.07E+00	1.05E-05	9.90E-05	6.23E-04	0.00E+00	1.81E-03	8.13E-09	2.41E-10	1.21E-02	1.97E-04	7.76E-03	6.27E-06	1.41E-04	3.36E-02	7.22E-01	0.00E+00	9.61E-10	1.27E-09	1.45E-04	3.85E-06	9.70E-02	0.00E+00	7.22E-01	1.81E-09	7.22E-01	8.19E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	6.07E-03
U-MC5EODM254G	3.08E-04	1.42E-01	2.49E-02	1.17E-01	0.00E+00	0.00E+00	1.56E+00	1.53E-05	1.44E-04	9.06E-04	0.00E+00	2.64E-03	1.19E-08	3.51E-10	1.76E-02	2.87E-04	1.13E-02	9.49E-06	2.06E-04	4.90E-02	1.05E+00	0.00E+00	1.40E-09	1.85E-09	2.12E-04	5.62E-06	1.41E-01	0.00E+00	1.05E+00	2.64E-09	1.05E+00	1.19E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	8.86E-03
U-MC5EODM254GM	3.08E-04	1.42E-01	2.49E-02	1.17E-01	0.00E+00	0.00E+00	1.56E+00	1.53E-05	1.44E-04	9.06E-04	0.00E+00	2.64E-03	1.19E-08	3.51E-10	1.76E-02	2.87E-04	1.13E-02	9.49E-06	2.06E-04	4.90E-02	1.05E+00	0.00E+00	1.40E-09	1.85E-09	2.12E-04	5.62E-06	1.41E-01	0.00E+00	1.05E+00	2.64E-09	1.05E+00	1.19E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	8.86E-03
U-MC5EODM254U	3.08E-04	1.42E-01	2.49E-02	1.17E-01	0.00E+00	0.00E+00	1.56E+00	1.53E-05	1.44E-04	9.06E-04	0.00E+00	2.64E-03	1.19E-08	3.51E-10	1.76E-02	2.87E-04	1.13E-02	9.49E-06	2.06E-04	4.90E-02	1.05E+00	0.00E+00	1.40E-09	1.85E-09	2.12E-04	5.62E-06	1.41E-01	0.00E+00	1.05E+00	2.64E-09	1.05E+00	1.19E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	8.86E-03
U-MC5EODM254UM	3.08E-04	1.42E-01	2.49E-02	1.17E-01	0.00E+00	0.00E+00	1.56E+00	1.53E-05	1.44E-04	9.06E-04	0.00E+00	2.64E-03	1.19E-08	3.51E-10	1.76E-02	2.87E-04	1.13E-02	9.49E-06	2.06E-04	4.90E-02	1.05E+00	0.00E+00	1.40E-09	1.85E-09	2.12E-04	5.62E-06	1.41E-01	0.00E+00	1.05E+00	2.64E-09	1.05E+00	1.19E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	8.86E-03
U-MC5EODM633G	3.08E-04	1.42E-01	2.49E-02	1.17E-01	0.00E+00	0.00E+00	1.56E+00	1.53E-05	1.44E-04	9.06E-04	0.00E+00	2.64E-03	1.19E-08	3.51E-10	1.76E-02	2.87E-04	1.13E-02	9.49E-06	2.06E-04	4.90E-02	1.05E+00	0.00E+00	1.40E-09	1.85E-09	2.12E-04	5.62E-06	1.41E-01	0.00E+00	1.05E+00	2.64E-09	1.05E+00	1.19E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	8.86E-03
J-MC5EODM633GM	3.08E-04	1.42E-01	2.49E-02	1.17E-01	0.00E+00	0.00E+00	1.56E+00	1.53E-05	1.44E-04	9.06E-04	0.00E+00	2.64E-03	1.19E-08	3.51E-10	1.76E-02	2.87E-04	1.13E-02	9.49E-06	2.06E-04	4.90E-02	1.05E+00	0.00E+00	1.40E-09	1.85E-09	2.12E-04	5.62E-06	1.41E-01	0.00E+00	1.05E+00	2.64E-09	1.05E+00	1.19E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	8.86E-03
U-MC5EODM633U	3.08E-04	1.42E-01	2.49E-02	1.17E-01	0.00E+00	0.00E+00	1.56E+00	1.53E-05	1.44E-04	9.06E-04	0.00E+00	2.64E-03	1.19E-08	3.51E-10	1.76E-02	2.87E-04	1.13E-02	9.49E-06	2.06E-04	4.90E-02	1.05E+00	0.00E+00	1.40E-09	1.85E-09	2.12E-04	5.62E-06	1.41E-01	0.00E+00	1.05E+00	2.64E-09	1.05E+00	1.19E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	8.86E-03
J-MC5EODM633UM	3.08E-04	1.42E-01	2.49E-02	1.17E-01	0.00E+00	0.00E+00	1.56E+00	1.53E-05	1.44E-04	9.06E-04	0.00E+00	2.64E-03	1.19E-08	3.51E-10	1.76E-02	2.87E-04	1.13E-02	9.49E-06	2.06E-04	4.90E-02	1.05E+00	0.00E+00	1.40E-09	1.85E-09	2.12E-04	5.62E-06	1.41E-01	0.00E+00	1.05E+00	2.64E-09	1.05E+00	1.19E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	8.86E-03
U-MC5EODM634G	3.08E-04	1.42E-01	2.49E-02	1.17E-01	0.00E+00	0.00E+00	1.56E+00	1.53E-05	1.44E-04	9.06E-04	0.00E+00	2.64E-03	1.19E-08	3.51E-10	1.76E-02	2.87E-04	1.13E-02	9.49E-06	2.06E-04	4.90E-02	1.05E+00	0.00E+00	1.40E-09	1.85E-09	2.12E-04	5.62E-06	1.41E-01	0.00E+00	1.05E+00	2.64E-09	1.05E+00	1.19E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	8.86E-03
J-MC5EODM634GM	3.08E-04	1.42E-01	2.49E-02	1.17E-01	0.00E+00	0.00E+00	1.56E+00	1.53E-05	1.44E-04	9.06E-04	0.00E+00	2.64E-03	1.19E-08	3.51E-10	1.76E-02	2.87E-04	1.13E-02	9.49E-06	2.06E-04	4.90E-02	1.05E+00	0.00E+00	1.40E-09	1.85E-09	2.12E-04	5.62E-06	1.41E-01	0.00E+00	1.05E+00	2.64E-09	1.05E+00	1.19E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	8.86E-03
U-MC5EODM634U	3.08E-04	1.42E-01	2.49E-02	1.17E-01	0.00E+00	0.00E+00	1.56E+00	1.53E-05	1.44E-04	9.06E-04	0.00E+00	2.64E-03	1.19E-08	3.51E-10	1.76E-02	2.87E-04	1.13E-02	9.49E-06	2.06E-04	4.90E-02	1.05E+00	0.00E+00	1.40E-09	1.85E-09	2.12E-04	5.62E-06	1.41E-01	0.00E+00	1.05E+00	2.64E-09	1.05E+00	1.19E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	8.86E-03
J-MC5EODM634UM	3.08E-04	1.42E-01	2.49E-02	1.17E-01	0.00E+00	0.00E+00	1.56E+00	1.53E-05	1.44E-04	9.06E-04	0.00E+00	2.64E-03	1.19E-08	3.51E-10	1.76E-02	2.87E-04	1.13E-02	9.49E-06	2.06E-04	4.90E-02	1.05E+00	0.00E+00	1.40E-09	1.85E-09	2.12E-04	5.62E-06	1.41E-01	0.00E+00	1.05E+00	2.64E-09	1.05E+00	1.19E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	8.86E-03
U-MC5EOG2563UG	1.70E-04	7.87E-02	1.38E-02	6.49E-02	0.00E+00	0.00E+00	8.61E-01	8.44E-07	7.98E-05	5.02E-04	0.00E+00	1.46E-03	6.55E-09	1.94E-10	9.73E-03	1.58E-04	6.25E-03	4.91E-06	1.14E-04	2.71E-02	5.82E-01	0.00E+00	7.75E-10	1.02E-09	1.17E-04	3.11E-06	7.81E-02	0.00E+00	5.82E-01	1.46E-09	5.82E-01	6.60E-01	7.81E-02	0.00E+00	0.00E+00	0.00E+00	4.89E-03
J-MC5EOG2563UG	1.70E-04	7.87E-02	1.38E-02	6.49E-02	0.00E+00	0.00E+00	8.61E-01	8.44E-07	7.98E-05	5.02E-04	0.00E+00	1.46E-03	6.55E-09	1.94E-10	9.73E-03	1.58E-04	6.25E-03	4.91E-06	1.14E-04	2.71E-02	5.82E-01	0.00E+00	7.75E-10	1.02E-09	1.17E-04	3.11E-06	7.81E-02	0.00E+00	5.82E-01	1.46E-09	5.82E-01	6.60E-01	7.81E-02	0.00E+00	0.00E+00	0.00E+00	4.89E-03
U-MC5EOM2563G	2.67E-04	1.23E-01	2.16E-02	1.02E-01	0.00E+00	0.00E+00	1.35E+00	1.32E-05	1.25E-04	7.88E-04	0.00E+00	2.29E-03	1.03E-08	3.04E-10	1.53E-02	2.48E-04	9.82E-03	8.14E-06	1.79E-04	4.25E-02	9.13E-01	0.00E+00	1.21E-09	1.61E-09	1.84E-04	4.87E-06	1.23E-01	0.00E+00	9.13E-01	2.29E-09	9.13E-01	1.04E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	7.68E-03
J-MC5EOM2563GM	2.67E-04	1.23E-01	2.16E-02	1.02E-01	0.00E+00	0.00E+00	1.35E+00	1.32E-05	1.25E-04	7.88E-04	0.00E+00	2.29E-03	1.03E-08	3.04E-10	1.53E-02	2.48E-04	9.82E-03	8.14E-06	1.79E-04	4.25E-02	9.13E-01	0.00E+00	1.21E-09	1.61E-09	1.84E-04	4.87E-06	1.23E-01	0.00E+00	9.13E-01	2.29E-09	9.13E-01	1.04E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	7.68E-03
U-MC5EOM2563U	2.67E-04	1.23E-01	2.16E-02	1.02E-01	0.00E+00	0.00E+00	1.35E+00	1.32E-05	1.25E-04	7.88E-04	0.00E+00	2.29E-03	1.03E-08	3.04E-10	1.53E-02	2.48E-04	9.82E-03	8.14E-06	1.79E-04	4.25E-02	9.13E-01	0.00E+00	1.21E-09	1.61E-09	1.84E-04	4.87E-06	1.23E-01	0.00E+00	9.13E-01	2.29E-09	9.13E-01	1.04E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	7.68E-03
J-MC5EOM2563UM	2.67E-04	1.23E-01	2.16E-02	1.02E-01	0.00E+00	0.00E+00	1.35E+00	1.32E-05	1.25E-04	7.88E-04	0.00E+00	2.29E-03	1.03E-08	3.04E-10	1.53E-02	2.48E-04	9.82E-03	8.14E-06	1.79E-04	4.25E-02	9.13E-01	0.00E+00	1.21E-09	1.61E-09	1.84E-04	4.87E-06	1.23E-01	0.00E+00	9.13E-01	2.29E-09	9.13E-01	1.04E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	7.68E-03
U-MC5EUD254G	2.12E-04	9.77E-02	1.71E-02	8.05E-02	0.00E+00	0.00E+00	1.07E+00	1.05E-05	9.90E-05	6.23E-04	0.00E+00	1.81E-03	8.13E-09	2.41E-10	1.21E-02	1.97E-04	7.76E-03	6.27E-06	1.41E-04	3.36E-02	7.22E-01	0.00E+00	9.61E-10	1.27E-09	1.45E-04	3.85E-06	9.70E-02	0.00E+00	7.22E-01	1.81E-09	7.22E-01	8.19E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	6.07E-03
U-MC5EUD254GM	2.12E-04	9.77E-02	1.71E-02	8.05E-02	0.00E+00	0.00E+00	1.07E+00	1.05E-05	9.90E-05	6.23E-04	0.00E+00	1.81E-03	8.13E-09	2.41E-10	1.21E-02	1.97E-04	7.76E-03	6.27E-06	1.41E-04	3.36E-02	7.22E-01	0.00E+00	9.61E-10	1.27E-09	1.45E-04	3.85E-06	9.70E-02	0.00E+00	7.22E-01	1.81E-09	7.22E-01	8.19E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	6.07E-03
U-MC5EUD254U	2.12E-04	9.77E-02	1.71E-02	8.05E-02	0.00E+00	0.00E+00	1.07E+00	1.05E-05	9.90E-05	6.23E-04	0.00E+00	1.81E-03	8.13E-09	2.41E-10	1.21E-02	1.97E-04	7.76E-03	6.27E-06	1.41E-04	3.36E-02	7.22E-01	0.00E+00	9.61E-10	1.27E-09	1.45E-04	3.85E-06	9.70E-02	0.00E+00	7.22E-01	1.81E-09	7.22E-01	8.19E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	6.07E-03
U-MC5EUD254UM	2.12E-04	9.77E-02	1.71E-02	8.05E-02	0.00E+00	0.00E+00	1.07E+00	1.05E-05	9.90E-05	6.23E-04	0.00E+00	1.81E-03	8.13E-09	2.41E-10	1.21E-02	1.97E-04	7.76E-03	6.27E-06	1.41E-04	3.36E-02	7.22E-01	0.00E+00	9.61E-10	1.27E-09	1.45E-04	3.85E-06	9.70E-02	0.00E+00	7.22E-01	1.81E-09	7.22E-01	8.19E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	6.07E-03
U-MC5EUD633UG	2.12E-04	9.77E-02	1.71E-02	8.05E-02	0.00E+00	0.00E+00	1.07E+00	1.05E-05	9.90E-05	6.23E-04	0.00E+00	1.81E-03	8.13E-09	2.41E-10	1.21E-02	1.97E-04	7.76E-03	6.27E-06	1.41E-04	3.36E-02	7.22E-01	0.00E+00	9.61E-10	1.27E-09	1.45E-04	3.85E-06	9.70E-02	0.00E+00	7.22E-01	1.81E-09	7.22E-01	8.19E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	6.07E-03
J-MC5EUD633UGM	2.12E-04	9.77E-02	1.71E-02	8.05E-02	0.00E+00	0.00E+00	1.07E+00	1.05E-05	9.90E-05	6.23E-04	0.00E+00	1.81E-03	8.13E-09	2.41E-10	1.21E-02	1.97E-04	7.76E-03	6.27E-06	1.41E-04	3.36E-02	7.22E-01	0.00E+00	9.61E-10	1.27E-09	1.45E-04	3.85E-06	9.70E-02	0.00E+00	7.22E-01	1.81E-09	7.22E-01	8.19E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	6.07E-03
U-MC5EUD634G	2.12E-04	9.77E-02	1.71E-02	8.05E-02	0.00E+00	0.00E+00	1.07E+00	1.05E-05	9.90E-05	6.23E-04	0.00E+00	1.81E-03	8.13E-09	2.41E-10	1.21E-02	1.97E-04	7.76E-03	6.27E-06	1.41E-04	3.36E-02	7.22E-01	0.00E+00	9.61E-10	1.27E-09	1.45E-04	3.85E-06	9.70E-02	0.00E+00	7.22E-01	1.81E-09	7.22E-01	8.19E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	6.07E-03
U-MC5EUD634GM	2.12E-04	9.77E-02	1.71E-02	8.05E-02	0.00E+00	0.00E+00	1.07E+00	1.05E-05	9.90E-05	6.23E-04	0.00E+00	1.81E-03	8.13E-09	2.41E-10	1.21E-02	1.97E-04	7.76E-03	6.27E-06	1.41E-04	3.36E-02	7.22E-01	0.00E+00	9.61E-10	1.27E-09	1.45E-04	3.85E-06	9.70E-02	0.00E+00	7.22E-01	1.81E-09	7.22E-01	8.19E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	6.07E-03
U-MC5EUD634U	2.12E-04	9.77E-02	1.71E-02	8.05E-02	0.00E+00	0.00E+00	1.07E+00	1.05E-05	9.90E-05	6.23E-04	0.00E+00	1.81E-03	8.13E-09	2.41E-10	1.21E-02	1.97E-04	7.76E-03	6.27E-06	1.41E-04	3.36E-02	7.22E-01	0.00E+00	9.61E-10	1.27E-09	1.45E-04	3.85E-06	9.70E-02	0.00E+00	7.22E-01	1.81E-09	7.22E-01	8.19E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	6.07E-03
U-MC5EUD634UM	2.12E-04	9.77E-02	1.71E-02	8.05E-02	0.00E+00	0.00E+00	1.07E+00	1.05E-05	9.90E-05	6.23E-04	0.00E+00	1.81E-03	8.13E-09	2.41E-10	1.21E-02	1.97E-04	7.76E-03	6.27E-06	1.41E-04	3.36E-02	7.22E-01	0.00E+00	9.61E-10	1.27E-09	1.45E-04	3.85E-06	9.70E-02	0.00E+00	7.22E-01	1.81E-09	7.22E-01	8.19E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	6.07E-03
U-MC5EUDM254G	3.08E-04	1.42E-01	2.49E-02	1.17E-01	0.00E+00	0.00E+00	1.56E+00	1.53E-05	1.44E-04	9.06E-04	0.00E+00	2.64E-03	1.19E-08	3.51E-10	1.76E-02	2.87E-04	1.13E-02	9.49E-06	2.06E-04	4.90E-02	1.05E+00	0.00E+00	1.40E-09	1.85E-09	2.12E-04	5.62E-06	1.41E-01	0.00E+00	1.05E+00	2.64E-09	1.05E+00	1.19E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	8.86E-03
J-MC5EUDM254GM	3.08E-04	1.42E-01	2.49E-02	1.17E-01	0.00E+00	0.00E+00	1.56E+00	1.53E-05	1.44E-04	9.06E-04	0.00E+00	2.64E-03	1.19E-08	3.51E-10	1.76E-02	2.87E-04	1.13E-02	9.49E-06	2.06E-04	4.90E-02	1.05E+00	0.00E+00	1.40E-09	1.85E-09	2.12E-04	5.62E-06	1.41E-01	0.00E+00	1.05E+00	2.64E-09	1.05E+00	1.19E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	8.86E-03
U-MC5EUDM254U	3.08E-04	1.42E-01	2.49E-02	1.17E-01	0.00E+00	0.00E+00	1.56E+00	1.53E-05	1.44E-04	9.06E-04	0.00E+00	2.64E-03	1.19E-08	3.51E-10	1.76E-02	2.87E-04	1.13E-02	9.49E-06	2.06E-04	4.90E-02	1.05E+00	0.00E+00	1.40E-09	1.85E-09	2.12E-04	5.62E-06	1.41E-01	0.00E+00	1.05E+00	2.64E-09	1.05E+00	1.19E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	8.86E-03
J-MC5EUDM254UM	3.08E-04	1.42E-01	2.49E-02	1.17E-01	0.00E+00	0.00E+00	1.56E+00	1.53E-05	1.44E-04	9.06E-04	0.00E+00	2.64E-03	1.19E-08	3.51E-10	1.76E-02	2.87E-04	1.13E-02	9.49E-06	2.06E-04	4.90E-02	1.05E+00	0.00E+00	1.40E-09	1.85E-09	2.12E-04	5.62E-06	1.41E-01	0.00E+00	1.05E+00	2.64E-09	1.05E+00	1.19E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	8.86E-03
U-MC5EUDM633G	3.08E-04	1.42E-01	2.49E-02	1.17E-01	0.00E+00	0.00E+00	1.56E+00	1.53E-05	1.44E-04	9.06E-04	0.00E+00	2.64E-03	1.19E-08	3.51E-10	1.76E-02	2.87E-04	1.13E-02	9.49E-06	2.06E-04	4.90E-02	1.05E+00	0.00E+00	1.40E-09	1.85E-09	2.12E-04	5.62E-06	1.41E-01	0.00E+00	1.05E+00	2.64E-09	1.05E+00	1.19E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	8.86E-03
J-MC5EUDM633GM	3.08E-04	1.42E-01	2.49E-02	1.17E-01	0.00E+00	0.00E+00	1.56E+00	1.53E-05	1.44E-04	9.06E-04	0.00E+00	2.64E-03	1.19E-08	3.51E-10	1.76E-02	2.87E-04	1.13E-02	9.49E-06	2.06E-04	4.90E-02	1.05E+00	0.00E+00	1.40E-09	1.85E-09	2.12E-04	5.62E-06	1.41E-01	0.00E+00	1.05E+00	2.64E-09	1.05E+00	1.19E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	8.86E-03
U-MC5EUDM633U	3.08E-04	1.42E-01	2.49E-02	1.17E-01	0.00E+00	0.00E+00	1.56E+00	1.53E-05	1.44E-04	9.06E-04	0.00E+00	2.64E-03	1.19E-08	3.51E-10	1.76E-02	2.87E-04	1.13E-02	9.49E-06	2.06E-04	4.90E-02	1.05E+00	0.00E+00	1.40E-09	1.85E-09	2.12E-04	5.62E-06	1.41E-01	0.00E+00	1.05E+00	2.64E-09	1.05E+00	1.19E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	8.86E-03
J-MC5EUDM633UM	3.08E-04	1.42E-01	2.49E-02	1.17E-01	0.00E+00	0.00E+00	1.56E+00	1.53E-05	1.44E-04	9.06E-04	0.00E+00	2.64E-03	1.19E-08	3.51E-10	1.76E-02	2.87E-04	1.13E-02	9.49E-06	2.06E-04	4.90E-02	1.05E+00	0.00E+00	1.40E-09	1.85E-09	2.12E-04	5.62E-06	1.41E-01	0.00E+00	1.05E+00	2.64E-09	1.05E+00	1.19E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	8.86E-03
U-MC5EUDM634G	3.08E-04	1.42E-01	2.49E-02	1.17E-01	0.00E+00	0.00E+00	1.56E+00	1.53E-05	1.44E-04	9.06E-04	0.00E+00	2.64E-03	1.19E-08	3.51E-10	1.76E-02	2.87E-04	1.13E-02	9.49E-06	2.06E-04	4.90E-02	1.05E+00	0.00E+00	1.40E-09	1.85E-09	2.12E-04	5.62E-06	1.41E-01	0.00E+00	1.05E+00	2.64E-09	1.05E+00	1.19E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	8.86E-03
J-MC5EUDM634GM	3.08E-04	1.42E-01	2.49E-02	1.17E-01	0.00E+00	0.00E+00	1.56E+00	1.53E-05	1.44E-04	9.06E-04	0.00E+00	2.64E-03	1.19E-08	3.51E-10	1.76E-02	2.87E-04	1.13E-02	9.49E-06	2.06E-04	4.90E-02	1.05E+00	0.00E+00	1.40E-09	1.85E-09	2.12E-04	5.62E-06	1.41E-01	0.00E+00	1.05E+00	2.64E-09	1.05E+00	1.19E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	8.86E-03
U-MC5EUDM634U	3.08E-04	1.42E-01	2.49E-02	1.17E-01	0.00E+00	0.00E+00	1.56E+00	1.53E-05	1.44E-04	9.06E-04	0.00E+00	2.64E-03	1.19E-08	3.51E-10	1.76E-02	2.87E-04	1.13E-02	9.49E-06	2.06E-04	4.90E-02	1.05E+00	0.00E+00	1.40E-09	1.85E-09	2.12E-04	5.62E-06	1.41E-01	0.00E+

U-MD1B8080	1.43E-08	5.99E-11	6.76E-11	7.71E-12	0.00E+00	0.00E+00	4.56E-10	1.00E-15	2.90E-14	5.35E-13	0.00E+00	2.01E-12	0.00E+00	0.00E+00	1.25E-13	2.25E-13	3.16E-11	0.00E+00	6.30E-14	4.27E-11	7.53E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.07E-10	0.00E+00	7.53E-10	0.00E+00	7.53E-03	8.60E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.70E-12
U-MD1B8560	9.73E-09	6.19E-11	6.99E-11	7.96E-12	0.00E+00	0.00E+00	4.72E-10	1.00E-15	3.00E-14	5.53E-13	0.00E+00	2.08E-12	0.00E+00	0.00E+00	1.29E-13	2.33E-13	3.27E-11	0.00E+00	6.50E-14	4.41E-11	7.78E-10	0.00E+00	0.00E+00	0.00E+00	9.60E-14	4.00E-15	1.10E-10	0.00E+00	7.78E-10	0.00E+00	7.78E-03	8.89E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	2.79E-12
U-MD1B8580	1.45E-08	5.99E-11	6.76E-11	7.70E-12	0.00E+00	0.00E+00	4.56E-10	1.00E-15	2.90E-14	5.35E-13	0.00E+00	2.01E-12	0.00E+00	0.00E+00	1.25E-13	2.25E-13	3.16E-11	0.00E+00	6.30E-14	4.26E-11	7.52E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.07E-10	0.00E+00	7.52E-10	0.00E+00	7.52E-03	8.59E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.70E-12
U-MD1B9060	9.73E-09	6.19E-11	6.99E-11	7.96E-12	0.00E+00	0.00E+00	4.72E-10	1.00E-15	3.00E-14	5.53E-13	0.00E+00	2.08E-12	0.00E+00	0.00E+00	1.29E-13	2.33E-13	3.27E-11	0.00E+00	6.50E-14	4.41E-11	7.78E-10	0.00E+00	0.00E+00	0.00E+00	9.60E-14	4.00E-15	1.10E-10	0.00E+00	7.78E-10	0.00E+00	7.78E-03	8.89E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	2.79E-12
U-MD1B9080	1.46E-08	5.98E-11	6.75E-11	7.69E-12	0.00E+00	0.00E+00	4.55E-10	1.00E-15	2.90E-14	5.34E-13	0.00E+00	2.01E-12	0.00E+00	0.00E+00	1.25E-13	2.25E-13	3.16E-11	0.00E+00	6.30E-14	4.26E-11	7.52E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.07E-10	0.00E+00	7.52E-10	0.00E+00	7.52E-03	8.58E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.70E-12
U-MD1M10060	1.10E-08	5.89E-11	6.65E-11	7.58E-12	0.00E+00	0.00E+00	4.49E-10	1.00E-15	2.80E-14	5.27E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.23E-13	2.22E-13	3.11E-11	0.00E+00	6.20E-14	4.20E-11	7.41E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.41E-10	0.00E+00	7.41E-03	8.46E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.66E-12
U-MD1M10080	1.59E-08	5.88E-11	6.41E-11	7.30E-12	0.00E+00	0.00E+00	4.33E-10	1.00E-15	2.70E-14	5.08E-13	0.00E+00	1.91E-12	0.00E+00	0.00E+00	1.19E-13	2.14E-13	3.00E-11	0.00E+00	6.00E-14	4.05E-11	7.14E-10	0.00E+00	0.00E+00	0.00E+00	8.80E-14	4.00E-15	1.01E-10	0.00E+00	7.14E-10	0.00E+00	7.14E-03	8.15E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	2.56E-12
U-MD1M11060	1.80E-08	5.56E-11	6.27E-11	7.15E-12	0.00E+00	0.00E+00	4.23E-10	1.00E-15	2.70E-14	4.96E-13	0.00E+00	1.86E-12	0.00E+00	0.00E+00	1.16E-13	2.09E-13	2.94E-11	0.00E+00	5.80E-14	3.96E-11	6.99E-10	0.00E+00	0.00E+00	0.00E+00	8.60E-14	4.00E-15	9.91E-11	0.00E+00	6.99E-10	0.00E+00	6.99E-03	7.98E-10	9.91E-11	0.00E+00	0.00E+00	0.00E+00	2.51E-12
U-MD1M11080	2.28E-08	5.36E-11	6.05E-11	6.89E-12	0.00E+00	0.00E+00	4.08E-10	1.00E-15	2.60E-14	4.79E-13	0.00E+00	1.80E-12	0.00E+00	0.00E+00	1.12E-13	2.01E-13	2.83E-11	0.00E+00	5.60E-14	3.82E-11	6.73E-10	0.00E+00	0.00E+00	0.00E+00	8.30E-14	4.00E-15	9.56E-11	0.00E+00	6.73E-10	0.00E+00	6.73E-03	7.69E-10	9.56E-11	0.00E+00	0.00E+00	0.00E+00	2.42E-12
U-MD1M13560	1.90E-08	5.53E-11	6.24E-11	7.11E-12	0.00E+00	0.00E+00	4.21E-10	1.00E-15	2.70E-14	4.94E-13	0.00E+00	1.85E-12	0.00E+00	0.00E+00	1.16E-13	2.08E-13	2.92E-11	0.00E+00	5.80E-14	3.94E-11	6.95E-10	0.00E+00	0.00E+00	0.00E+00	8.50E-14	4.00E-15	9.86E-11	0.00E+00	6.95E-10	0.00E+00	6.95E-03	7.93E-10	9.86E-11	0.00E+00	0.00E+00	0.00E+00	2.49E-12
U-MD1M13580	2.46E-08	5.29E-11	5.97E-11	6.81E-12	0.00E+00	0.00E+00	4.03E-10	1.00E-15	2.60E-14	4.73E-13	0.00E+00	1.78E-12	0.00E+00	0.00E+00	1.11E-13	1.99E-13	2.80E-11	0.00E+00	5.60E-14	3.77E-11	6.65E-10	0.00E+00	0.00E+00	0.00E+00	8.20E-14	4.00E-15	9.44E-11	0.00E+00	6.65E-10	0.00E+00	6.65E-03	7.60E-10	9.44E-11	0.00E+00	0.00E+00	0.00E+00	2.39E-12
U-MD1M16060	2.07E-08	5.47E-11	6.18E-11	7.04E-12	0.00E+00	0.00E+00	4.17E-10	1.00E-15	2.70E-14	4.89E-13	0.00E+00	1.84E-12	0.00E+00	0.00E+00	1.14E-13	2.06E-13	2.89E-11	0.00E+00	5.70E-14	3.90E-11	6.88E-10	0.00E+00	0.00E+00	0.00E+00	8.50E-14	4.00E-15	9.76E-11	0.00E+00	6.88E-10	0.00E+00	6.88E-03	7.85E-10	9.76E-11	0.00E+00	0.00E+00	0.00E+00	2.47E-12
U-MD1M16080	2.61E-08	5.25E-11	5.93E-11	6.75E-12	0.00E+00	0.00E+00	4.00E-10	1.00E-15	2.50E-14	4.69E-13	0.00E+00	1.76E-12	0.00E+00	0.00E+00	1.10E-13	1.97E-13	2.77E-11	0.00E+00	5.50E-14	3.74E-11	6.60E-10	0.00E+00	0.00E+00	0.00E+00	8.10E-14	4.00E-15	9.36E-11	0.00E+00	6.60E-10	0.00E+00	6.60E-03	7.53E-10	9.36E-11	0.00E+00	0.00E+00	0.00E+00	2.37E-12
U-MD1M4060	1.08E-08	5.84E-11	6.59E-11	7.51E-12	0.00E+00	0.00E+00	4.45E-10	1.00E-15	2.80E-14	5.22E-13	0.00E+00	1.96E-12	0.00E+00	0.00E+00	1.22E-13	2.20E-13	3.08E-11	0.00E+00	6.10E-14	4.16E-11	7.34E-10	0.00E+00	0.00E+00	0.00E+00	9.00E-14	4.00E-15	1.04E-10	0.00E+00	7.34E-10	0.00E+00	7.34E-03	8.38E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	2.63E-12
U-MD1M4080	1.26E-08	5.76E-11	6.51E-11	7.41E-12	0.00E+00	0.00E+00	4.39E-10	1.00E-15	2.80E-14	5.15E-13	0.00E+00	1.93E-12	0.00E+00	0.00E+00	1.21E-13	2.17E-13	3.04E-11	0.00E+00	6.10E-14	4.11E-11	7.24E-10	0.00E+00	0.00E+00	0.00E+00	8.90E-14	4.00E-15	1.03E-10	0.00E+00	7.24E-10	0.00E+00	7.24E-03	8.27E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	2.60E-12
U-MD1M4560	1.13E-08	5.82E-11	6.57E-11	7.46E-12	0.00E+00	0.00E+00	4.43E-10	1.00E-15	2.80E-14	5.20E-13	0.00E+00	1.95E-12	0.00E+00	0.00E+00	1.22E-13	2.19E-13	3.07E-11	0.00E+00	6.10E-14	4.15E-11	7.32E-10	0.00E+00	0.00E+00	0.00E+00	9.00E-14	4.00E-15	1.04E-10	0.00E+00	7.32E-10	0.00E+00	7.32E-03	8.35E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	2.63E-12
U-MD1M4580	1.47E-08	5.67E-11	6.40E-11	7.29E-12	0.00E+00	0.00E+00	4.32E-10	1.00E-15	2.70E-14	5.06E-13	0.00E+00	1.90E-12	0.00E+00	0.00E+00	1.19E-13	2.13E-13	2.99E-11	0.00E+00	6.00E-14	4.04E-11	7.12E-10	0.00E+00	0.00E+00	0.00E+00	8.80E-14	4.00E-15	1.01E-10	0.00E+00	7.12E-10	0.00E+00	7.12E-03	8.14E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	2.56E-12
U-MD1M6060	5.16E-05	2.29E-02	4.32E-03	1.86E-02	0.00E+00	0.00E+00	2.68E-01	2.55E-07	2.47E-05	1.53E-04	0.00E+00	4.54E-04	2.05E-09	6.00E-11	2.77E-03	4.96E-05	1.53E-03	0.00E+00	3.23E-05	7.63E-03	1.76E-01	0.00E+00	2.39E-10	3.09E-10	3.59E-05	9.15E-07	2.35E-02	0.00E+00	1.76E-01	4.33E-10	1.76E-01	2.00E-01	2.35E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
U-MD1M6080	1.52E-08	5.66E-11	6.39E-11	7.28E-12	0.00E+00	0.00E+00	4.31E-10	1.00E-15	2.70E-14	5.06E-13	0.00E+00	1.90E-12	0.00E+00	0.00E+00	1.18E-13	2.13E-13	2.99E-11	0.00E+00	5.90E-14	4.04E-11	7.12E-10	0.00E+00	0.00E+00	0.00E+00	8.70E-14	4.00E-15	1.01E-10	0.00E+00	7.12E-10	0.00E+00	7.12E-03	8.13E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	2.56E-12
U-MD1M7060	1.13E-08	5.85E-11	6.60E-11	7.52E-12	0.00E+00	0.00E+00	4.45E-10	1.00E-15	2.80E-14	5.22E-13	0.00E+00	1.96E-12	0.00E+00	0.00E+00	1.22E-13	2.20E-13	3.08E-11	0.00E+00	6.20E-14	4.17E-11	7.35E-10	0.00E+00	0.00E+00	0.00E+00	9.00E-14	4.00E-15	1.04E-10	0.00E+00	7.35E-10	0.00E+00	7.35E-03	8.39E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	2.64E-12
U-MD1M7080	1.56E-08	5.66E-11	6.39E-11	7.28E-12	0.00E+00	0.00E+00	4.31E-10	1.00E-15	2.70E-14	5.06E-13	0.00E+00	1.90E-12	0.00E+00	0.00E+00	1.18E-13	2.13E-13	2.99E-11	0.00E+00	5.90E-14	4.03E-11	7.12E-10	0.00E+00	0.00E+00	0.00E+00	8.70E-14	4.00E-15	1.01E-10	0.00E+00	7.12E-10	0.00E+00	7.12E-03	8.13E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	2.55E-12
U-MD1M8060	1.14E-08	5.86E-11	6.61E-11	7.53E-12	0.00E+00	0.00E+00	4.46E-10	1.00E-15	2.80E-14	5.23E-13	0.00E+00	1.97E-12	0.00E+00	0.00E+00	1.23E-13	2.20E-13	3.09E-11	0.00E+00	6.20E-14	4.17E-11	7.36E-10	0.00E+00	0.00E+00	0.00E+00	9.00E-14	4.00E-15	1.04E-10	0.00E+00	7.36E-10	0.00E+00	7.36E-03	8.41E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	2.64E-12
U-MD1M8080	1.56E-08	5.66E-11	6.39E-11	7.28E-12	0.00E+00	0.00E+00	4.31E-10	1.00E-15	2.70E-14	5.06E-13	0.00E+00	1.90E-12	0.00E+00	0.00E+00	1.18E-13	2.13E-13	2.99E-11	0.00E+00	5.90E-14	4.03E-11	7.11E-10	0.00E+00	0.00E+00	0.00E+00	8.70E-14	4.00E-15	1.01E-10	0.00E+00	7.11E-10	0.00E+00	7.11E-03	8.12E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	2.55E-12
U-MD1M8560	1.14E-08	5.86E-11	6.62E-11	7.54E-12	0.00E+00	0.00E+00	4.47E-10	1.00E-15	2.80E-14	5.24E-13	0.00E+00	1.97E-12	0.00E+00	0.00E+00	1.23E-13	2.21E-13	3.10E-11	0.00E+00	6.20E-14	4.18E-11	7.37E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.37E-10	0.00E+00	7.37E-03	8.42E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.65E-12
U-MD1M8580	1.61E-08	5.86E-11	6.39E-11	7.27E-12	0.00E+00	0.00E+00	4.31E-10	1.00E-15	2.70E-14	5.05E-13	0.00E+00	1.90E-12	0.00E+00	0.00E+00	1.18E-13	2.13E-13	2.98E-11	0.00E+00	5.90E-14	4.03E-11	7.11E-10	0.00E+00	0.00E+00	0.00E+00	8.70E-14	4.00E-15	1.01E-10	0.00E+00	7.11E-10	0.00E+00	7.11E-03	8.12E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	2.55E-12
U-MD1M9060	1.14E-08	5.87E-11	6.62E-11	7.55E-12	0.00E+00	0.00E+00	4.47E-10	1.00E-15	2.80E-14	5.24E-13	0.00E+00	1.97E-12	0.00E+00	0.00E+00	1.23E-13	2.21E-13	3.10E-11	0.00E+00	6.20E-14	4.18E-11	7.38E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.38E-10	0.00E+00	7.38E-03	8.42E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.65E-12
U-MD1M9080	1.63E-08	5.86E-11	6.38E-11	7.27E-12	0.00E+00	0.00E+00	4.31E-10	1.00E-15	2.70E-14	5.05E-13	0.00E+00	1.90E-12	0.00E+00	0.00E+00	1.18E-13	2.13E-13	2.98E-11	0.00E+00	5.90E-14	4.03E-11	7.11E-10	0.00E+00	0.00E+00	0.00E+00	8.70E-14	4.00E-15	1.01E-10	0.00E+00	7.11E-10	0.00E+00	7.11E-03	8.12E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	2.55E-12
U-MD2B10060	1.21E-08	6.09E-11	6.88E-11	7.83E-12	0.00E+00	0.00E+00	4.64E-10	1.00E-15	3.00E-14	5.44E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-13	2.29E-13	3.22E-11	0.00E+00	6.40E-14	4.34E-11	7.66E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.09E-10	0.00E+00	7.66E-10	0.00E+00	7.66E-03	8.74E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.75E-12
U-MD2B10080	1.48E-08	5.97E-11	6.74E-11	7.68E-12	0.00E+00	0.00E+00	4.55E-10	1.00E-15	2.90E-14	5.34E-13	0.00E+00	2.00E-12	0.00E+00	0.00E+00	1.25E-13	2.25E-13	3.16E-11	0.00E+00	6.30E-14	4.26E-11	7.51E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.07E-10	0.00E+00	7.51E-10	0.00E+00	7.51E-03	8.57E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.69E-12
U-MD2B11060	1.83E-08	5.87E-11	6.40E-11	7.29E-12	0.00E+00	0.00E+00	4.32E-10	1.00E-15	2.70E-14	5.08E-13	0.00E+00	1.90E-12	0.00E+00	0.00E+00	1.18E-13	2.13E-13	2.98E-11	0.00E+00	6.00E-14	4.04E-11	7.12E-10	0.00E+00	0.00E+00	0.00E+00	8.80E-14	4.00E-15	1.01E-10	0.00E+00	7.12E-10	0.00E+00	7.12E-03	8.13E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	2.56E-12
U-MD2B11080	2.20E-08	5.51E-11	6.22E-11	7.09E-12	0.00E+00	0.00E+00	4.20E-10	1.00E-15	2.70E-14	4.93E-13	0.00E+00	1.85E-12	0.00E+00	0.00E+00	1.15E-13	2.07E-13	2.91E-11	0.00E+00	5.80E-14	3.93E-11	6.93E-10	0.00E+00	0.00E+00	0.00E+00	8.50E-14	4.00E-15	9.83E-11	0.00E+00	6.93E-10	0.00E+00	6.93E-03	7.91E-10	9.83E-11	0.00E+00	0.00E+00	0.00E+00	2.49E-12
U-MD2B13560	1.98E-08	5.77E-11	6.51E-11	7.42E-12	0.00E+00	0.00E+00	4.39E-10	1.00E-15	2.80E-14	5.15E-13	0.00E+00	1.94E-12	0.00E+00	0.00E+00	1.21E-13	2.17E-13	3.05E-11	0.00E+00	6.10E-14	4.11E-11	7.25E-10	0.00E+00	0.00E+00	0.00E+00	8.90E-14	4.00E-15	1.03E-10	0.00E+00	7.25E-10	0.00E+00	7.25E-03	8.28E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	2.60E-12
U-MD2B13580	2.40E-08	5.60E-11	6.32E-11	7.20E-12	0.00E+00	0.00E+00	4.26E-10	1.00E-15	2.70E-14	5.00E-13	0.00E+00	1.88E-12	0.00E+00	0.00E+00	1.17E-13	2.10E-13	2.96E-11	0.00E+00	5.90E-14	3.99E-11	7.03E-10	0.00E+00	0.00E+00	0.00E+00	8.60E-14	4.00E-15	9.98E-11	0.00E+00	7.03E-10	0.00E+00	7.03E-03	8.03E-10	9.98E-11	0.00E+00	0.00E+00	0.00E+00	2.52E-12
U-MD2B16060	2.13E-08	5.71E-11	6.44E-11	7.34E-12	0.00E+00	0.00E+00	4.35E-10	1.00E-15	2.80E-14	5.10E-13	0.00E+00	1.91E-12	0.00E+00	0.00E+00	1.19E-13	2.15E-13	3.01E-11	0.00E+00	6.00E-14	4.06E-11	7.17E-10	0.00E+00	0.00E+00	0.00E+00	8.80E-14	4.00E-15	1.02E-10	0.00E+00	7.17E-10	0.00E+00	7.17E-03	8.19E-10	1.02E-10	0.00E+00	0.00E+00	0.00E+00	2.57E-12
U-MD2B16080	2.51E-08	5.56E-11	6.27E-11	7.15E-12	0.00E+00	0.00E+00	4.23E-10	1.00E-15	2.70E-14	4.96E-13	0.00E+00	1.86E-12	0.00E+00	0.00E+00	1.16E-13	2.09E-13	2.93E-11	0.00E+00	5.80E-14	3.96E-11	6.98E-10	0.00E+00	0.00E+00	0.00E+00	8.60E-14	4.00E-15	9.91E-11	0.00E+00	6.98E-10	0.00E+00	6.98E-03	7.97E-10	9.91E-11	0.00E+00	0.00E+00	0.00E+00	2.51E-12
U-MD2B4060	1.11E-08	5.91E-11	6.67E-11	7.60E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-13	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.43E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.43E-10	0.00E+00	7.43E-03	8.46E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
U-MD2B4080	1.21E-08	5.87E-11	6.62E-11	7.54E-12	0.00E+00	0.00E+00	4.47E-10	1.00E-15	2.80E-14	5.24E-13	0.00E+00	1.97E-12	0.00E+00	0.00E+00	1.23E-13	2.21E-13	3.10E-11	0.00E+00	6.20E-14	4.18E-11	7.37E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.37E-10	0.00E+00	7.37E-03	8.42E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.65E-12
U-MD2B4560	1.16E-08	5.88E-11	6.64E-11	7.56E-12	0.00E+00	0.00E+00	4.48E-10	1.00E-15	2.80E-14	5.26E-13	0.00E+00	1.97E-12	0.00E+00	0.00E+00	1.23E-13	2.21E-13	3.11E-11	0.00E+00	6.20E-14	4.19E-11	7.39E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.39E-10	0.00E+00	7.39E-03	8.44E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.65E-12
U-MD2B4580	1.42E-08	5.77E-11	6.51E-11	7.42E-12	0.00E+00	0.00E+00	4.39E-10	1.00E-15	2.80E-14	5.15E-13	0.00E+00	1.93E-12	0.00E+00	0.00E+00	1.21E-13	2.17E-13	3.05E-11	0.00E+00	6.10E-14	4.11E-11	7.25E-10	0.00E+00	0.00E+00	0.00E+00	8.90E-14	4.00E-15	1.03E-10	0.00E+00	7.25E-10	0.00E+00	7.25E-03	8.28E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	2.60E-12
U-MD2B6060	1.18E-08	5.94E-11	6.70E-11	7.63E-12	0.00E+00	0.00E+00	4.52E-10	1.00E-15	2.90E-14	5.30E-13	0.00E+00	1.99E-12	0.00E+00	0.00E+00	1.24E-13	2.23E-13	3.13E-11	0.00E+00	6.20E-14	4.23E-11	7.46E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.06E-10	0.00E+00	7.46E-10	0.00E+00	7.46E-03	8.52E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	2.68E-12
U-MD2B6080	1.45E-08	5.81E-11	6.56E-11	7.48E-12	0.00E+00	0.00E+00	4.43E-10	1.00E-15	2.80E-14	5.19E-13	0.00E+00	1.95E-12	0.00E+00	0.00E+00	1.22E-13	2.19E-13	3.07E-11	0.00E+00	6.10E-14	4.14E-11	7.31E-10	0.00E+00	0.00E+00	0.00E+00	9.00E-14	4.00E-15	1.04E-10	0.00E+00	7.31E-10	0.00E+00	7.31E-03	8.35E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	2.62E-12
U-MD2B7060	1.16E-08	6.11E-11	6.89E-11	7.86E-12	0.00E+00	0.00E+00	4.65E-10	1.00E-15	3.00E-14	5.46E-13	0.00E+00	2.05E-12	0.00E+00	0.00E+00	1.28E-13	2.30E-13	3.23E-11	0.00E+00	6.40E-14	4.35E-11	7.68E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.09E-10	0.00E+00	7.68E-10	0.00E+00	7.68E-03	8.77E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.76E-12
U-MD2B7080	1.44E-08	5.99E-11	6.76E-11	7.70E-12	0.00E+00	0.00E+00	4.56E-10	1.00E-15	2.90E-14	5.35E-13	0.00E+00	2.01E-12	0.00E+00	0.00E+00	1.25E-13	2.25E-13	3.16E-11	0.00E+00	6.30E-14	4.26E-11	7.52E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.07E-10	0.00E+00	7.52E-10	0.00E+00	7.52E-03	8.59E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.70E-12
U-MD2B8060	1.18E-08	6.10E-11	6.89E-11	7.85E-12	0.00E+00	0.00E+00	4.65E-10	1.00E-15	3.00E-14	5.45E-13	0.00E+00	2.05E-12	0.00E+00	0.00E+00	1.28E-13	2.30E-13	3.22E-11	0.00E+00	6.40E-14	4.35E-11	7.67E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.09E-10	0.00E+00	7.67E-10	0.00E+00	7.67E-03	8.76E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.75E-12
U-MD2B8080	1.46E-08	5.98E-11	6.75E-11	7.69E-12	0.00E+00	0.00E+00	4.55E-10	1.00E-15	2.90E-14	5.34E-13	0.00E+00	2.01E-12	0.00E+00	0.00E+00	1.25E-13	2.25E-13	3.16E-11	0.00E+00	6.30E-14	4.26E-11	7.51E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-14	4.00E-15	1.07E-10	0.00E+00	7.51E-10	0.00E+00	7.51E-03	8.58E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.70E-12
U-MD2B8560	1.18E-08	6.10E-11	6.89E-11	7.85E-12	0.00E+00	0.00E+00	4.65E-10	1.00E-15	3.00E-14	5.45E-13	0.00E+00	2.05E-12	0.00E+00	0.00E+00	1.28E-13	2.29E-13	3.22E-11	0.00E+00	6.40E-14	4.35E-11	7.67E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.09E-10	0.00E+00	7.67E-10	0.00E+00	7.67E-03	8.76E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.75E-12

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U-MTKLS4522	3.56E-08	6.56E-11	7.40E-11	8.43E-12	0.00E+00	0.00E+00	4.99E-10	1.00E-15	3.20E-14	5.86E-13	0.00E+00	2.20E-12	0.00E+00	0.00E+00	1.37E-11	2.47E-13	3.46E-11	0.00E+00	6.99E-14	4.67E-11	8.24E-10	0.00E+00	0.00E+00	0.00E+00	1.01E-13	4.00E-15	1.17E-10	0.00E+00	8.24E-10	0.00E+00	8.24E-13	9.41E-10	1.17E-10	0.00E+00	0.00E+00	0.00E+00	2.95E-12
U-MTKLS6020	3.13E-08	5.77E-11	6.44E-11	7.34E-12	0.00E+00	0.00E+00	4.35E-10	1.00E-15	2.80E-14	5.10E-13	0.00E+00	1.92E-12	0.00E+00	0.00E+00	1.19E-11	2.15E-13	3.02E-11	0.00E+00	6.09E-14	4.07E-11	7.18E-10	0.00E+00	0.00E+00	0.00E+00	8.80E-14	4.00E-15	1.02E-10	0.00E+00	7.18E-10	0.00E+00	7.18E-13	8.19E-10	1.02E-10	0.00E+00	0.00E+00	0.00E+00	2.58E-12
U-MTKLS6022	3.83E-08	6.00E-11	6.77E-11	7.72E-12	0.00E+00	0.00E+00	4.57E-10	1.00E-15	2.90E-14	5.36E-13	0.00E+00	2.01E-12	0.00E+00	0.00E+00	1.25E-11	2.26E-13	3.17E-11	0.00E+00	6.30E-14	4.27E-11	7.54E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.54E-10	0.00E+00	7.54E-13	8.61E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-12
U-MTKLS8020	3.00E-08	5.74E-11	6.48E-11	7.38E-12	0.00E+00	0.00E+00	4.37E-10	1.00E-15	2.80E-14	5.13E-13	0.00E+00	1.93E-12	0.00E+00	0.00E+00	1.20E-11	2.16E-13	3.03E-11	0.00E+00	6.00E-14	4.09E-11	7.21E-10	0.00E+00	0.00E+00	0.00E+00	8.90E-14	4.00E-15	1.02E-10	0.00E+00	7.21E-10	0.00E+00	7.21E-13	8.24E-10	1.02E-10	0.00E+00	0.00E+00	0.00E+00	2.59E-12
U-MTKLS8022	4.15E-08	5.57E-11	6.28E-11	7.16E-12	0.00E+00	0.00E+00	4.24E-10	1.00E-15	2.70E-14	4.97E-13	0.00E+00	1.87E-12	0.00E+00	0.00E+00	1.16E-11	2.09E-13	2.94E-11	0.00E+00	5.90E-14	3.97E-11	7.00E-10	0.00E+00	0.00E+00	0.00E+00	8.60E-14	4.00E-15	9.93E-11	0.00E+00	7.00E-10	0.00E+00	7.00E-13	7.99E-10	9.93E-11	0.00E+00	0.00E+00	0.00E+00	2.51E-12
U-MTKRS10020	2.91E-08	5.61E-11	6.33E-11	7.21E-12	0.00E+00	0.00E+00	4.27E-10	1.00E-15	2.70E-14	5.01E-13	0.00E+00	1.88E-12	0.00E+00	0.00E+00	1.17E-11	2.11E-13	2.96E-11	0.00E+00	5.90E-14	3.99E-11	7.05E-10	0.00E+00	0.00E+00	0.00E+00	8.60E-14	4.00E-15	1.00E-10	0.00E+00	7.05E-10	0.00E+00	7.05E-13	8.05E-10	1.00E-10	0.00E+00	0.00E+00	0.00E+00	2.53E-12
U-MTKRS10022	4.50E-08	4.98E-11	5.62E-11	6.40E-12	0.00E+00	0.00E+00	3.79E-10	1.00E-15	2.40E-14	4.45E-13	0.00E+00	1.67E-12	0.00E+00	0.00E+00	1.04E-11	1.87E-13	2.63E-11	0.00E+00	5.26E-14	3.55E-11	6.25E-10	0.00E+00	0.00E+00	0.00E+00	7.70E-14	3.00E-15	8.88E-11	0.00E+00	6.25E-10	0.00E+00	6.25E-13	7.14E-10	8.88E-11	0.00E+00	0.00E+00	0.00E+00	2.24E-12
U-MTKRS4520	3.18E-08	5.91E-11	6.67E-11	7.60E-12	0.00E+00	0.00E+00	4.50E-10	1.00E-15	2.90E-14	5.28E-13	0.00E+00	1.98E-12	0.00E+00	0.00E+00	1.24E-11	2.22E-13	3.12E-11	0.00E+00	6.20E-14	4.21E-11	7.43E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-14	4.00E-15	1.05E-10	0.00E+00	7.43E-10	0.00E+00	7.43E-13	8.48E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-12
U-MTKRS4522	3.58E-08	6.58E-11	7.40E-11	8.43E-12	0.00E+00	0.00E+00	4.99E-10	1.00E-15	3.20E-14	5.86E-13	0.00E+00	2.20E-12	0.00E+00	0.00E+00	1.37E-11	2.47E-13	3.46E-11	0.00E+00	6.99E-14	4.67E-11	8.24E-10	0.00E+00	0.00E+00	0.00E+00	1.01E-13	4.00E-15	1.17E-10	0.00E+00	8.24E-10	0.00E+00	8.24E-13	9.41E-10	1.17E-10	0.00E+00	0.00E+00	0.00E+00	2.95E-12
U-MTKRS6020	3.13E-08	5.71E-11	6.44E-11	7.34E-12	0.00E+00	0.00E+00	4.35E-10	1.00E-15	2.80E-14	5.10E-13	0.00E+00	1.92E-12	0.00E+00	0.00E+00	1.19E-11	2.15E-13	3.02E-11	0.00E+00	6.00E-14	4.07E-11	7.18E-10	0.00E+00	0.00E+00	0.00E+00	8.80E-14	4.00E-15	1.02E-10	0.00E+00	7.18E-10	0.00E+00	7.18E-13	8.19E-10	1.02E-10	0.00E+00	0.00E+00	0.00E+00	2.58E-12
U-MTKRS6022	3.84E-08	6.00E-11	6.77E-11	7.71E-12	0.00E+00	0.00E+00	4.57E-10	1.00E-15	2.90E-14	5.36E-13	0.00E+00	2.01E-12	0.00E+00	0.00E+00	1.25E-11	2.26E-13	3.17E-11	0.00E+00	6.30E-14	4.27E-11	7.54E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.07E-10	0.00E+00	7.54E-10	0.00E+00	7.54E-13	8.61E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-12
U-MTKRS8020	3.00E-08	5.74E-11	6.48E-11	7.38E-12	0.00E+00	0.00E+00	4.37E-10	1.00E-15	2.80E-14	5.13E-13	0.00E+00	1.93E-12	0.00E+00	0.00E+00	1.20E-11	2.16E-13	3.03E-11	0.00E+00	6.00E-14	4.09E-11	7.21E-10	0.00E+00	0.00E+00	0.00E+00	8.90E-14	4.00E-15	1.02E-10	0.00E+00	7.21E-10	0.00E+00	7.21E-13	8.24E-10	1.02E-10	0.00E+00	0.00E+00	0.00E+00	2.59E-12
U-MTKRS8022	4.14E-08	5.57E-11	6.28E-11	7.17E-12	0.00E+00	0.00E+00	4.25E-10	1.00E-15	2.70E-14	4.98E-13	0.00E+00	1.87E-12	0.00E+00	0.00E+00	1.17E-11	2.10E-13	2.94E-11	0.00E+00	5.90E-14	3.97E-11	7.01E-10	0.00E+00	0.00E+00	0.00E+00	8.60E-14	4.00E-15	9.94E-11	0.00E+00	7.01E-10	0.00E+00	7.01E-13	8.00E-10	9.94E-11	0.00E+00	0.00E+00	0.00E+00	2.51E-12
U-MTTL100	1.18E-08	4.47E-11	5.05E-11	5.75E-12	0.00E+00	0.00E+00	3.40E-10	1.00E-15	2.20E-14	3.99E-13	0.00E+00	1.50E-12	0.00E+00	0.00E+00	9.35E-12	1.68E-13	2.36E-11	0.00E+00	4.70E-14	3.18E-11	5.62E-10	0.00E+00	0.00E+00	0.00E+00	6.90E-14	3.00E-15	7.97E-11	0.00E+00	5.62E-10	0.00E+00	5.62E-13	6.42E-10	7.97E-11	0.00E+00	0.00E+00	0.00E+00	2.02E-12
U-MTTL45	1.70E-08	6.05E-11	6.83E-11	7.78E-12	0.00E+00	0.00E+00	4.61E-10	1.00E-15	2.90E-14	5.40E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.26E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.31E-11	7.60E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.60E-10	0.00E+00	7.60E-13	8.68E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
U-MTTL60	1.65E-08	6.05E-11	6.83E-11	7.78E-12	0.00E+00	0.00E+00	4.61E-10	1.00E-15	2.90E-14	5.41E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.31E-11	7.61E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.61E-10	0.00E+00	7.61E-13	8.68E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
U-MTTL80	1.58E-08	6.08E-11	6.86E-11	7.82E-12	0.00E+00	0.00E+00	4.63E-10	1.00E-15	2.90E-14	5.43E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.29E-13	3.21E-11	0.00E+00	6.40E-14	4.33E-11	7.64E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.64E-10	0.00E+00	7.64E-13	8.73E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-12
U-MTTR100	1.52E-08	6.09E-11	6.88E-11	7.84E-12	0.00E+00	0.00E+00	4.64E-10	1.00E-15	3.00E-14	5.44E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.29E-13	3.22E-11	0.00E+00	6.40E-14	4.34E-11	7.66E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.09E-10	0.00E+00	7.66E-10	0.00E+00	7.66E-13	8.75E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	2.75E-12
U-MTTR45	1.70E-08	6.05E-11	6.83E-11	7.78E-12	0.00E+00	0.00E+00	4.61E-10	1.00E-15	2.90E-14	5.40E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.26E-11	2.27E-13	3.19E-11	0.00E+00	6.40E-14	4.31E-11	7.60E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.60E-10	0.00E+00	7.60E-13	8.68E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
U-MTTR60	1.65E-08	6.05E-11	6.83E-11	7.78E-12	0.00E+00	0.00E+00	4.61E-10	1.00E-15	2.90E-14	5.41E-13	0.00E+00	2.03E-12	0.00E+00	0.00E+00	1.27E-11	2.28E-13	3.20E-11	0.00E+00	6.40E-14	4.31E-11	7.61E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-14	4.00E-15	1.08E-10	0.00E+00	7.61E-10	0.00E+00	7.61E-13	8.68E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-12
U-MTTR80	1.58E-08	6.08E-11	6.86E-11	7.82E-12	0.00E+00	0.00E+00	4.63E-10	1.00E-15	2.90E-14	5.43E-13	0.00E+00	2.04E-12	0.00E+00	0.00E+00	1.27E-11	2.29E-13	3.21E-11	0.00E+00	6.40E-14	4.33E-11	7.64E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-14	4.00E-15	1.08E-10	0.00E+00	7.64E-10	0.00E+00	7.64E-13	8.73E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-12
U-MTU454TB2504	2.25E-08	3.67E-11	4.14E-11	4.72E-12	0.00E+00	0.00E+00	2.80E-10	1.00E-15	1.80E-14	3.28E-13	0.00E+00	1.23E-12	0.00E+00	0.00E+00	7.67E-12	1.38E-13	1.94E-11	0.00E+00	3.90E-14	2.61E-11	4.61E-10	0.00E+00	0.00E+00	0.00E+00	5.70E-14	2.00E-15	6.55E-11	0.00E+00	4.61E-10	0.00E+00	4.61E-13	5.27E-10	6.55E-11	0.00E+00	0.00E+00	0.00E+00	1.66E-12
U-MTU454TBS1254	2.25E-08	3.67E-11	4.14E-11	4.72E-12	0.00E+00	0.00E+00	2.80E-10	1.00E-15	1.80E-14	3.28E-13	0.00E+00	1.23E-12	0.00E+00	0.00E+00	7.67E-12	1.38E-13	1.94E-11	0.00E+00	3.90E-14	2.61E-11	4.61E-10	0.00E+00	0.00E+00	0.00E+00	5.70E-14	2.00E-15	6.55E-11	0.00E+00	4.61E-10	0.00E+00	4.61E-13	5.27E-10	6.55E-11	0.00E+00	0.00E+00	0.00E+00	1.66E-12
U-MTU604TB2503	2.24E-08	3.66E-11	4.13E-11	4.70E-12	0.00E+00	0.00E+00	2.78E-10	1.00E-15	1.80E-14	3.27E-13	0.00E+00	1.23E-12	0.00E+00	0.00E+00	7.64E-12	1.37E-13	1.93E-11	0.00E+00	3.80E-14	2.60E-11	4.59E-10	0.00E+00	0.00E+00	0.00E+00	5.60E-14	2.00E-15	6.52E-11	0.00E+00	4.59E-10	0.00E+00	4.59E-13	5.25E-10	6.52E-11	0.00E+00	0.00E+00	0.00E+00	1.65E-12
U-MTU604TB2504	2.24E-08	3.66E-11	4.13E-11	4.70E-12	0.00E+00	0.00E+00	2.78E-10	1.00E-15	1.80E-14	3.27E-13	0.00E+00	1.23E-12	0.00E+00	0.00E+00	7.64E-12	1.37E-13	1.93E-11	0.00E+00	3.80E-14	2.60E-11	4.59E-10	0.00E+00	0.00E+00	0.00E+00	5.60E-14	2.00E-15	6.52E-11	0.00E+00	4.59E-10	0.00E+00	4.59E-13	5.25E-10	6.52E-11	0.00E+00	0.00E+00	0.00E+00	1.65E-12
U-MTU604TB6303	2.23E-08	3.66E-11	4.13E-11	4.71E-12	0.00E+00	0.00E+00	2.79E-10	1.00E-15	1.80E-14	3.27E-13	0.00E+00	1.23E-12	0.00E+00	0.00E+00	7.65E-12	1.38E-13	1.93E-11	0.00E+00	3.90E-14	2.61E-11	4.60E-10	0.00E+00	0.00E+00	0.00E+00	5.60E-14	2.00E-15	6.53E-11	0.00E+00	4.60E-10	0.00E+00	4.60E-13	5.25E-10	6.53E-11	0.00E+00	0.00E+00	0.00E+00	1.65E-12
U-MTU604TBS1254	2.24E-08	3.66E-11	4.13E-11	4.70E-12	0.00E+00	0.00E+00	2.78E-10	1.00E-15	1.80E-14	3.27E-13	0.00E+00	1.23E-12	0.00E+00	0.00E+00	7.64E-12	1.37E-13	1.93E-11	0.00E+00	3.80E-14	2.60E-11	4.59E-10	0.00E+00	0.00E+00	0.00E+00	5.60E-14	2.00E-15	6.52E-11	0.00E+00	4.59E-10	0.00E+00	4.59E-13	5.25E-10	6.52E-11	0.00E+00	0.00E+00	0.00E+00	1.65E-12
U-MTU605TB2504	2.21E-08	3.72E-11	4.20E-11	4.78E-12	0.00E+00	0.00E+00	2.83E-10	1.00E-15	1.80E-14	3.32E-13	0.00E+00	1.25E-12	0.00E+00	0.00E+00	7.78E-12	1.40E-13	1.96E-11	0.00E+00	3.90E-14	2.65E-11	4.67E-10	0.00E+00	0.00E+00	0.00E+00	5.70E-14	2.00E-15	6.63E-11	0.00E+00	4.67E-10	0.00E+00	4.67E-13	5.34E-10	6.63E-11	0.00E+00	0.00E+00	0.00E+00	1.68E-12
U-MTU605TB6304	2.20E-08	3.72E-11	4.20E-11	4.79E-12	0.00E+00	0.00E+00	2.84E-10	1.00E-15	1.80E-14	3.33E-13	0.00E+00	1.25E-12	0.00E+00	0.00E+00	7.78E-12	1.40E-13	1.97E-11	0.00E+00	3.90E-14	2.65E-11	4.68E-10	0.00E+00	0.00E+00	0.00E+00	5.70E-14	2.00E-15	6.64E-11	0.00E+00	4.68E-10	0.00E+00	4.68E-13	5.34E-10	6.64E-11	0.00E+00	0.00E+00	0.00E+00	1.68E-12
U-MTU64X1254	1.85E-04	8.23E-02	1.55E-02	6.68E-02	0.00E+00	0.00E+00	9.63E-01	9.19E-07	8.86E-05	5.51E-04	0.00E+00	1.63E-03	7.39E-09	2.15E-10	9.94E-03	1.78E-04	5.49E-03	0.00E+00	1.16E-04	2.74E-02	6.33E-01	0.00E+00	8.56E-10	1.11E-09	1.29E-04	3.28E-06	8.45E-02	0.00E+00	6.33E-01	1.55E-09	6.33E-11	7.18E-01	8.45E-02	0.00E+00	0.00E+00	0.00E+00	4.98E-03
U-MTU64X2504	1.85E-04	8.23E-02	1.55E-02	6.68E-02	0.00E+00	0.00E+00	9.63E-01	9.19E-07	8.86E-05	5.51E-04	0.00E+00	1.63E-03	7.39E-09	2.15E-10	9.94E-03	1.78E-04	5.49E-03	0.00E+00	1.16E-04	2.74E-02	6.33E-01	0.00E+00	8.56E-10	1.11E-09	1.29E-04	3.28E-06	8.45E-02	0.00E+00	6.33E-01	1.55E-09	6.33E-11	7.18E-01	8.45E-02	0.00E+00	0.00E+00	0.00E+00	4.98E-03
U-MTU64X6303	1.85E-04	8.23E-02	1.55E-02	6.68E-02	0.00E+00	0.00E+00	9.63E-01	9.19E-07	8.86E-05	5.51E-04	0.00E+00	1.63E-03	7.39E-09	2.15E-10	9.94E-03	1.78E-04	5.49E-03	0.00E+00	1.16E-04	2.74E-02	6.33E-01	0.00E+00	8.56E-10	1.11E-09	1.29E-04	3.28E-06	8.45E-02	0.00E+00	6.33E-01	1.55E-09	6.33E-11	7.18E-01	8.45E-02	0.00E+00	0.00E+00	0.00E+00	4.98E-03
U-MTU64Y1254	1.67E-04	7.42E-02	1.40E-02	6.02E-02	0.00E+00	0.00E+00	8.68E-01	8.25E-07	7.99E-05	4.97E-04	0.00E+00	1.47E-03	6.64E-09	1.94E-10	8.96E-03	1.61E-04	4.95E-03	0.00E+00	1.05E-04	2.47E-02	5.71E-01	0.00E+00	7.72E-10	9.99E-10	1.16E-04	2.96E-06	7.62E-02	0.00E+00	5.71E-01	1.40E-09	5.71E-11	6.47E-01	7.62E-02	0.00E+00	0.00E+00	0.00E+00	4.49E-03
U-MTU64Y2504	1.67E-04	7.42E-02	1.40E-02	6.02E-02	0.00E+00	0.00E+00	8.68E-01	8.25E-07	7.99E-05	4.97E-04	0.00E+00	1.47E-03	6.64E-09	1.94E-10	8.96E-03	1.61E-04	4.95E-03	0.00E+00	1.05E-04	2.47E-02	5.71E-01	0.00E+00	7.72E-10	9.99E-10	1.16E-04	2.96E-06	7.62E-02	0.00E+00	5.71E-01	1.40E-09	5.71E-11	6.47E-01	7.62E-02	0.00E+00	0.00E+00	0.00E+00	4.49E-03
U-MTU64Y6303	3.49E-04	1.55E-01	2.92E-02	1.26E-01	0.00E+00	0.00E+00	1.81E+00	1.73E-06	1.67E-04	1.04E-03	0.00E+00	3.07E-03	1.39E-08	4.05E-10	1.87E-02	3.36E-04	1.03E-02	0.00E+00	2.19E-04	5.16E-02	1.19E+00	0.00E+00	1.61E-09	2.09E-09	2.43E-04	6.19E-06	1.59E-01	0.00E+00	1.19E+00	2.93E-09	1.19E-10	1.35E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	9.38E-03
U-MTU65X6304	2.06E-04	9.16E-02	1.73E-02	7.45E-02	0.00E+00	0.00E+00	1.07E+00	1.02E-06	9.86E-05	6.14E-04	0.00E+00	1.81E-03	8.21E-09	2.40E-10	1.11E-02	1.99E-04	6.12E-03	0.00E+00	1.29E-04	3.05E-02	7.06E-01	0.00E+00	9.54E-10	1.24E-09	1.43E-04	3.66E-06	9.42E-02	0.00E+00	7.06E-01	1.73E-09	7.06E-11	8.00E-01	9.42E-02	0.00E+00	0.00E+00	0.00E+00	5.55E-03
U-MTU65Y6304	3.70E-04	1.65E-01	3.10E-02	1.34E-01	0.00E+00	0.00E+00	1.93E+00	1.83E-06	1.77E-04	1.10E-03	0.00E+00	3.26E-03	1.47E-08	4.30E-10	1.99E-02	3.56E-04	1.10E-02	0.00E+00	2.32E-04	5.47E-02	1.27E+00	0.00E+00	1.71E-09	2.22E-09	2.57E-04	6.57E-06	1.69E-01	0.00E+00	1.27E+00	3.11E-09	1.27E-10	1.44E+00	1.69E-01	0.00E+00	0.00E+00	0.00E+00	9.95E-03
U-MTU704TB2503	2.21E-08	3.67E-11	4.15E-11	4.72E-12	0.00E+00	0.00E+00	2.80E-10	1.00E-15	1.80E-14	3.28E-13	0.00E+00	1.23E-12	0.00E+00	0.00E+00	7.68E-12	1.38E-13	1.94E-11	0.00E+00	3.90E-14	2.62E-11	4.62E-10	0.00E+00	0.00E+00	0.00E+00	5.70E-14	2.00E-15	6.55E-11	0.00E+00	4.62E-10	0.00E+00	4.62E-13	5.27E-10	6.55E-11	0.00E+00	0.00E+00	0.00E+00	1.66E-12
U-MTU704TB2504	2.21E-08	3.67E-11	4.15E-11	4.72E-12	0.00E+00	0.00E+00	2.80E-10	1.00E-15	1.80E-14	3.28E-13	0.00E+00	1.23E-12	0.00E+00	0.00E+00	7.68E-12	1.38E-13	1.94E-11	0.00E+00	3.90E-14	2.62E-11	4.62E-10	0.00E+00	0.00E+00	0.00E+00	5.70E-14	2.00E-15	6.55E-11	0.00E+00	4.62E-10	0.00E+00	4.62E-13	5.27E-10	6.55E-11	0.00E+00	0.00E+00	0.00E+00	1.66E-12
U-MTU704TB6303	2.21E-08	3.68E-11	4.15E-11	4.73E-12	0.00E+00	0.00E+00	2.80E-10	1.00E-15	1.80E-14	3.29E-13	0.00E+00	1.23E-12	0.00E+00	0.00E+00	7.69E-12	1.38E-13	1.94E-11	0.00E+00	3.90E-14	2.62E-11	4.62E-10	0.00E+00	0.00E+00	0.00E+00	5.70E-14	2.00E-15	6.56E-11	0.00E+00	4.62E-10	0.00E+00	4.62E-13	5.28E-10	6.56E-11	0.00E+00	0.00E+00	0.00E+00	1.66E-12
U-MTU704TBS1254	2.21E-08	3.67E-11	4.15E-11	4.72E-12	0.00E+00	0.00E+00	2.80E-10	1.00E-15	1.80E-14	3.28E-13	0.00E+00	1.23E-12	0.00E+00	0.00E+00	7.68E-12	1.38E-13	1.94E-11	0.00E+00	3.90E-14	2.62E-11	4.62E-10	0.00E+00	0.00E+00	0.00E+00	5.70E-14	2.00E-15	6.55E-11	0.00E+00	4.62E-10	0.00E+00	4.62E-13	5.27E-10	6.55E-11	0.00E+00	0.00E+00	0.00E+00	1.66E-12
U-MTU705TB2504	2.20E-08	3.67E-11	4.15E-11	4.72E-12	0.00E+00	0.00E+00	2.80E-10	1.00E-15	1.80E-14	3.28E-13	0.00E+00	1.23E-12	0.00E+00	0.00E+00	7.68E-12	1.38E-13	1.94E-11	0.00E+00	3.90E-14	2.62E-11	4.62E-10	0.00E+00	0.00E+00	0.00E+00	5.70E-14	2.00E-15	6.55E-11	0.00E+00	4.62E-10	0.00E+00	4.62E-13	5.27E-10	6.55E-11	0.00E+00	0.00E+00	0.00E+00	1.66E-12
U-MTU705TB6303	2.19E-08	3.68E-11	4.15E-11	4.73E-12	0.00E+00	0.00E+00	2.80E-10	1.00E-15	1.80E-14	3.28E-13	0.00E+00	1.23E-12	0.00E+00	0.00E+00	7.69E-12	1.38E-13	1.94E-11	0.00E+00	3.90E-14	2.62E-11	4.62E-10	0.00E+00	0.00E+00	0.00E+00	5.70E-14	2.00E-15	6.56E-11	0.00E+00	4.62E-10	0.00E+00	4.62E-13	5.28E-10	6.56E-11	0.00E+00	0.00E+00	0.00E+00	1.66E-12
U-MTU705TB6304	2.19E-08	3.68E-11	4.15E-11	4.73E-12	0.00E+00	0.00E+00	2.80E-10	1.00E-15	1.80E-14	3.28E-13	0.00E+00	1.23E-12	0.00E+00	0.00E+00	7.69E-12	1.38E-13	1.94E-11	0.00E+00	3.90E-14	2.62E-11	4.62E-10	0.00E+00	0.00E+00	0.00E+00	5.70E-14	2.00E-15	6.56E-11	0.00E+00	4.62E-10	0.00E+00	4.62E-13	5.28E-10	6.56E-11	0.00E+00	0.00E+00	0.00E+00	1.66E-12
U-MTU705TBS1254	2.20E-08	3.67E-11	4.15E-11	4.72E-12	0.00E+00	0.00E+00	2.80E-10	1.00E-15	1.80E-14	3.28E-13	0.00E+00	1.23E-12	0.00E+00	0.00E+00	7.68E-12	1.38E-13	1.94E-11	0.00E+00	3.90E-14	2.62E-11	4.62E-10	0.00E+00	0.00E+00	0.00E+00	5.70E-14	2.00E-15	6.55E-11	0.00E+00	4.62E-10	0.00E+00	4.62E-13	5.27E-10	6.55E-11	0.00E+00	0.00E+00	0.00E+00	1.66E-12
U-MTU706TB6304	2.18E-08	3.66E-11	4.13E-11	4.71E-12	0.00E+00	0.00E+00	2.79E-10	1.00E-15	1.80E-14	3.27E-13	0.00E+00	1.23E-12	0.00E+00	0.00E+00	7.65E-12	1.38E-13	1.93E-11	0.00E+00	3.90E-14	2.61E-11	4.60E-10	0.00E+00	0.00E+00	0.00E+00	5.60E-14	2.00E-15	6.53E-11	0.00E+00	4.60E-10	0.00E+00	4.60E

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U-PER603020	7.47E-04	3.33E-01	6.28E-02	2.71E-01	0.00E+00	0.00E+00	3.90E+00	3.71E-05	3.56E-04	2.23E-03	0.00E+00	6.59E-03	2.98E-08	8.71E-10	4.03E-02	7.21E-04	2.22E-02	1.00E-15	4.69E-04	1.11E-01	2.56E+00	0.00E+00	3.47E-09	4.49E-09	5.21E-04	1.33E-05	3.42E-01	0.00E+00	2.56E+00	6.29E-09	2.56E+00	2.91E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	2.02E-02
U-PER803016	7.50E-04	3.35E-01	6.30E-02	2.72E-01	0.00E+00	0.00E+00	3.91E+00	3.72E-05	3.60E-04	2.24E-03	0.00E+00	6.62E-03	2.99E-08	8.75E-10	4.04E-02	7.24E-04	2.23E-02	1.00E-15	4.71E-04	1.11E-01	2.57E+00	0.00E+00	3.48E-09	4.51E-09	5.23E-04	1.33E-05	3.44E-01	0.00E+00	2.57E+00	6.32E-09	2.57E+00	2.92E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	2.02E-02
U-PER803018	7.47E-04	3.33E-01	6.28E-02	2.71E-01	0.00E+00	0.00E+00	3.90E+00	3.71E-05	3.56E-04	2.23E-03	0.00E+00	6.59E-03	2.98E-08	8.71E-10	4.03E-02	7.21E-04	2.22E-02	1.00E-15	4.69E-04	1.11E-01	2.56E+00	0.00E+00	3.47E-09	4.49E-09	5.21E-04	1.33E-05	3.42E-01	0.00E+00	2.56E+00	6.29E-09	2.56E+00	2.91E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	2.02E-02
U-PER803020	7.44E-04	3.32E-01	6.25E-02	2.69E-01	0.00E+00	0.00E+00	3.88E+00	3.69E-05	3.57E-04	2.22E-03	0.00E+00	6.56E-03	2.97E-08	8.68E-10	4.01E-02	7.18E-04	2.21E-02	1.00E-15	4.67E-04	1.10E-01	2.55E+00	0.00E+00	3.45E-09	4.47E-09	5.19E-04	1.32E-05	3.41E-01	0.00E+00	2.55E+00	6.26E-09	2.55E+00	2.89E+00	3.41E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
U-PER853016	5.98E-04	2.67E-01	5.03E-02	2.17E-01	0.00E+00	0.00E+00	3.12E+00	2.97E-05	2.86E-04	1.79E-03	0.00E+00	5.28E-03	2.39E-08	6.98E-10	3.23E-02	5.78E-04	1.78E-02	0.00E+00	3.76E-04	8.88E-02	2.06E+00	0.00E+00	2.78E-09	3.60E-09	4.18E-04	1.07E-05	2.74E-01	0.00E+00	2.06E+00	5.04E-09	2.05E+00	2.33E+00	2.74E-01	0.00E+00	0.00E+00	0.00E+00	1.62E-02
U-PER853018	7.47E-04	3.33E-01	6.28E-02	2.71E-01	0.00E+00	0.00E+00	3.90E+00	3.71E-05	3.56E-04	2.23E-03	0.00E+00	6.59E-03	2.98E-08	8.71E-10	4.03E-02	7.21E-04	2.22E-02	1.00E-15	4.69E-04	1.11E-01	2.56E+00	0.00E+00	3.47E-09	4.49E-09	5.21E-04	1.33E-05	3.42E-01	0.00E+00	2.56E+00	6.29E-09	2.56E+00	2.91E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	2.02E-02
U-PER853020	5.92E-04	2.65E-01	4.98E-02	2.15E-01	0.00E+00	0.00E+00	3.09E+00	2.94E-05	2.85E-04	1.77E-03	0.00E+00	5.23E-03	2.37E-08	6.91E-10	3.19E-02	5.72E-04	1.76E-02	0.00E+00	3.72E-04	8.79E-02	2.03E+00	0.00E+00	2.75E-09	3.56E-09	4.14E-04	1.05E-05	2.71E-01	0.00E+00	2.03E+00	4.99E-09	2.03E+00	2.31E+00	2.71E-01	0.00E+00	0.00E+00	0.00E+00	1.60E-02
U-PESR603518	8.68E-04	3.87E-01	7.29E-02	3.14E-01	0.00E+00	0.00E+00	4.53E+00	4.31E-05	4.17E-04	2.59E-03	0.00E+00	7.66E-03	3.46E-08	1.01E-09	4.68E-02	8.38E-04	2.58E-02	1.00E-15	5.45E-04	1.29E-01	2.98E+00	0.00E+00	4.03E-09	5.21E-09	6.06E-04	1.54E-05	3.98E-01	0.00E+00	2.98E+00	7.31E-09	2.98E+00	3.38E+00	3.98E-01	0.00E+00	0.00E+00	0.00E+00	2.34E-02
U-PESR603520	8.63E-04	3.86E-01	7.27E-02	3.13E-01	0.00E+00	0.00E+00	4.51E+00	4.29E-05	4.15E-04	2.58E-03	0.00E+00	7.63E-03	3.45E-08	1.01E-09	4.66E-02	8.35E-04	2.57E-02	1.00E-15	5.43E-04	1.28E-01	2.97E+00	0.00E+00	4.01E-09	5.20E-09	6.04E-04	1.54E-05	3.96E-01	0.00E+00	2.97E+00	7.28E-09	2.97E+00	3.37E+00	3.96E-01	0.00E+00	0.00E+00	0.00E+00	2.33E-02
U-PESR604018	8.35E-04	3.72E-01	7.01E-02	3.02E-01	0.00E+00	0.00E+00	4.36E+00	4.14E-05	4.01E-04	2.49E-03	0.00E+00	7.36E-03	3.33E-08	9.74E-10	4.50E-02	8.06E-04	2.48E-02	1.00E-15	5.24E-04	1.24E-01	2.87E+00	0.00E+00	3.87E-09	5.01E-09	5.82E-04	1.48E-05	3.82E-01	0.00E+00	2.87E+00	7.03E-09	2.87E+00	3.25E+00	3.82E-01	0.00E+00	0.00E+00	0.00E+00	2.25E-02
U-PESR604020	8.32E-04	3.71E-01	6.99E-02	3.01E-01	0.00E+00	0.00E+00	4.34E+00	4.13E-05	3.99E-04	2.48E-03	0.00E+00	7.34E-03	3.32E-08	9.70E-10	4.48E-02	8.03E-04	2.47E-02	1.00E-15	5.23E-04	1.23E-01	2.86E+00	0.00E+00	3.86E-09	5.00E-09	5.80E-04	1.48E-05	3.81E-01	0.00E+00	2.86E+00	7.00E-09	2.86E+00	3.24E+00	3.81E-01	0.00E+00	0.00E+00	0.00E+00	2.24E-02
U-PESR606018	1.07E-03	4.75E-01	8.94E-02	3.86E-01	0.00E+00	0.00E+00	5.55E+00	5.28E-05	5.11E-04	3.18E-03	0.00E+00	9.39E-03	4.25E-08	1.24E-09	5.74E-02	1.03E-03	3.17E-02	1.00E-15	6.68E-04	1.58E-01	3.65E+00	0.00E+00	4.94E-09	6.40E-09	7.43E-04	1.89E-05	4.88E-01	0.00E+00	3.65E+00	8.95E-09	3.65E+00	4.14E+00	4.88E-01	0.00E+00	0.00E+00	0.00E+00	2.87E-02
U-PESR606020	1.06E-03	4.74E-01	8.92E-02	3.84E-01	0.00E+00	0.00E+00	5.54E+00	5.27E-05	5.10E-04	3.17E-03	0.00E+00	9.36E-03	4.24E-08	1.24E-09	5.72E-02	1.02E-03	3.16E-02	1.00E-15	6.67E-04	1.57E-01	3.64E+00	0.00E+00	4.93E-09	6.38E-09	7.41E-04	1.88E-05	4.86E-01	0.00E+00	3.64E+00	8.94E-09	3.64E+00	4.13E+00	4.86E-01	0.00E+00	0.00E+00	0.00E+00	2.86E-02
U-PETH	3.14E-04	1.45E-01	2.54E-02	1.20E-01	0.00E+00	0.00E+00	1.59E+00	1.56E-05	1.47E-04	9.26E-04	0.00E+00	2.69E-03	1.21E-08	3.57E-10	1.80E-02	2.92E-04	1.16E-02	1.03E-05	2.10E-04	5.00E-02	1.07E+00	0.00E+00	1.43E-09	1.85E-09	2.16E-04	5.73E-06	1.44E-01	0.00E+00	1.07E+00	2.69E-09	1.07E+00	1.22E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	9.03E-03
U-PETV	3.99E-04	1.83E-01	3.20E-02	1.51E-01	0.00E+00	0.00E+00	2.00E+00	1.96E-05	1.85E-04	1.17E-03	0.00E+00	3.39E-03	1.52E-08	4.51E-10	2.27E-02	3.68E-04	1.46E-02	1.31E-05	2.65E-04	6.30E-02	1.35E+00	0.00E+00	1.80E-09	2.38E-09	2.72E-04	7.23E-06	1.82E-01	0.00E+00	1.35E+00	3.39E-09	1.35E+00	1.54E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	1.14E-02
U-PEV	5.22E-05	3.41E-04	8.21E-04	1.16E-03	0.00E+00	0.00E+00	4.71E-02	2.22E-08	3.88E-05	1.85E-05	0.00E+00	7.62E-05	3.99E-10	9.19E-12	2.39E-04	9.43E-06	8.93E-04	1.31E-03	3.24E-06	8.97E-04	1.75E-02	0.00E+00	3.42E-11	2.64E-11	4.54E-06	1.43E-08	1.93E-03	0.00E+00	1.75E-02	1.56E-11	1.75E-02	1.94E-02	1.93E-03	0.00E+00	0.00E+00	0.00E+00	1.39E-04
U-PFBGR100	2.32E-04	1.04E-01	1.94E-02	8.46E-02	0.00E+00	0.00E+00	1.20E+00	1.15E-05	1.11E-04	6.91E-04	0.00E+00	2.04E-03	9.20E-09	2.69E-10	1.26E-02	2.23E-04	7.14E-03	3.05E-04	1.47E-04	3.48E-02	7.95E-01	0.00E+00	1.07E-09	1.39E-09	1.61E-04	4.14E-06	1.06E-01	0.00E+00	7.95E-01	1.96E-09	7.95E-01	9.02E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	6.32E-03
U-PFBGR110	4.45E-04	1.98E-01	3.72E-02	1.61E-01	0.00E+00	0.00E+00	2.31E+00	2.20E-05	2.13E-04	1.32E-03	0.00E+00	3.90E-03	1.77E-08	5.16E-10	2.40E-02	4.27E-04	1.34E-02	3.05E-04	2.80E-04	6.62E-02	1.52E+00	0.00E+00	2.05E-09	2.66E-09	3.09E-04	7.91E-06	2.03E-01	0.00E+00	1.52E+00	3.74E-09	1.52E+00	1.73E+00	2.03E-01	0.00E+00	0.00E+00	0.00E+00	1.20E-02
U-PFBGR120	3.78E-04	1.69E-01	3.16E-02	1.37E-01	0.00E+00	0.00E+00	1.96E+00	1.87E-05	1.81E-04	1.12E-03	0.00E+00	3.32E-03	1.50E-08	4.39E-10	2.04E-02	3.63E-04	1.15E-02	3.05E-04	2.38E-04	5.63E-02	1.29E+00	0.00E+00	1.75E-09	2.27E-09	2.63E-04	6.72E-06	1.73E-01	0.00E+00	1.29E+00	3.18E-09	1.29E+00	1.47E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	1.02E-02
U-PFBGR130	3.08E-04	1.38E-01	2.57E-02	1.12E-01	0.00E+00	0.00E+00	1.60E+00	1.52E-05	1.47E-04	9.17E-04	0.00E+00	2.70E-03	1.22E-08	3.58E-10	1.67E-02	2.96E-04	9.39E-03	3.05E-04	1.95E-04	4.60E-02	1.05E+00	0.00E+00	1.42E-09	1.85E-09	2.14E-04	5.49E-06	1.41E-01	0.00E+00	1.05E+00	2.59E-09	1.05E+00	1.20E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-03
U-PFBGR135	4.26E-04	1.90E-01	3.56E-02	1.55E-01	0.00E+00	0.00E+00	2.21E+00	2.11E-05	2.04E-04	1.27E-03	0.00E+00	3.74E-03	1.69E-08	4.95E-10	2.30E-02	4.09E-04	1.29E-02	3.05E-04	2.69E-04	6.35E-02	1.46E+00	0.00E+00	1.97E-09	2.56E-09	2.96E-04	7.59E-06	1.95E-01	0.00E+00	1.46E+00	3.59E-09	1.46E+00	1.65E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	1.15E-02
U-PFBGR140	2.38E-04	1.07E-01	1.99E-02	8.68E-02	0.00E+00	0.00E+00	1.24E+00	1.18E-05	1.14E-04	7.09E-04	0.00E+00	2.09E-03	9.45E-09	2.77E-10	1.29E-02	2.28E-04	7.32E-03	3.05E-04	1.51E-04	3.57E-02	8.16E-01	0.00E+00	1.10E-09	1.43E-09	1.66E-04	4.25E-06	1.09E-01	0.00E+00	8.16E-01	2.01E-09	8.16E-01	9.25E-01	1.09E-01	0.00E+00	0.00E+00	0.00E+00	6.48E-03
U-PFBGR150	1.72E-04	7.70E-02	1.43E-02	6.27E-02	0.00E+00	0.00E+00	8.89E-01	8.50E-07	8.19E-05	5.10E-04	0.00E+00	1.50E-03	6.79E-09	1.99E-10	9.34E-03	1.64E-04	5.34E-03	3.05E-04	1.08E-04	2.58E-02	5.88E-01	0.00E+00	7.92E-10	1.03E-09	1.19E-04	3.06E-06	7.85E-02	0.00E+00	5.88E-01	1.45E-09	5.88E-01	6.66E-01	7.85E-02	0.00E+00	0.00E+00	0.00E+00	4.66E-03
U-PFBGRM100	2.32E-04	1.04E-01	1.94E-02	8.46E-02	0.00E+00	0.00E+00	1.20E+00	1.15E-05	1.11E-04	6.91E-04	0.00E+00	2.04E-03	9.20E-09	2.69E-10	1.26E-02	2.23E-04	7.14E-03	3.05E-04	1.47E-04	3.48E-02	7.95E-01	0.00E+00	1.07E-09	1.39E-09	1.61E-04	4.14E-06	1.06E-01	0.00E+00	7.95E-01	1.96E-09	7.95E-01	9.02E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	6.32E-03
U-PFBGRM110	4.45E-04	1.98E-01	3.72E-02	1.61E-01	0.00E+00	0.00E+00	2.31E+00	2.20E-05	2.13E-04	1.32E-03	0.00E+00	3.90E-03	1.77E-08	5.16E-10	2.40E-02	4.27E-04	1.34E-02	3.05E-04	2.80E-04	6.62E-02	1.52E+00	0.00E+00	2.05E-09	2.66E-09	3.09E-04	7.91E-06	2.03E-01	0.00E+00	1.52E+00	3.74E-09	1.52E+00	1.73E+00	2.03E-01	0.00E+00	0.00E+00	0.00E+00	1.20E-02
U-PFBGRM120	3.78E-04	1.69E-01	3.16E-02	1.37E-01	0.00E+00	0.00E+00	1.96E+00	1.87E-05	1.81E-04	1.12E-03	0.00E+00	3.32E-03	1.50E-08	4.39E-10	2.04E-02	3.63E-04	1.15E-02	3.05E-04	2.38E-04	5.63E-02	1.29E+00	0.00E+00	1.75E-09	2.27E-09	2.63E-04	6.72E-06	1.73E-01	0.00E+00	1.29E+00	3.18E-09	1.29E+00	1.47E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	1.02E-02
U-PFBGRM130	3.08E-04	1.38E-01	2.57E-02	1.12E-01	0.00E+00	0.00E+00	1.60E+00	1.52E-05	1.47E-04	9.17E-04	0.00E+00	2.70E-03	1.22E-08	3.58E-10	1.67E-02	2.96E-04	9.39E-03	3.05E-04	1.95E-04	4.60E-02	1.05E+00	0.00E+00	1.42E-09	1.85E-09	2.14E-04	5.49E-06	1.41E-01	0.00E+00	1.05E+00	2.59E-09	1.05E+00	1.20E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-03
U-PFBGRM135	4.26E-04	1.90E-01	3.56E-02	1.55E-01	0.00E+00	0.00E+00	2.21E+00	2.11E-05	2.04E-04	1.27E-03	0.00E+00	3.74E-03	1.69E-08	4.95E-10	2.30E-02	4.09E-04	1.29E-02	3.05E-04	2.69E-04	6.35E-02	1.46E+00	0.00E+00	1.97E-09	2.56E-09	2.96E-04	7.59E-06	1.95E-01	0.00E+00	1.46E+00	3.59E-09	1.46E+00	1.65E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	1.15E-02
U-PFBGRM140	2.38E-04	1.07E-01	1.99E-02	8.68E-02	0.00E+00	0.00E+00	1.24E+00	1.18E-05	1.14E-04	7.09E-04	0.00E+00	2.09E-03	9.45E-09	2.77E-10	1.29E-02	2.28E-04	7.32E-03	3.05E-04	1.51E-04	3.57E-02	8.16E-01	0.00E+00	1.10E-09	1.43E-09	1.66E-04	4.25E-06	1.09E-01	0.00E+00	8.16E-01	2.01E-09	8.16E-01	9.25E-01	1.09E-01	0.00E+00	0.00E+00	0.00E+00	6.48E-03
U-PFBGRM150	1.72E-04	7.70E-02	1.43E-02	6.27E-02	0.00E+00	0.00E+00	8.89E-01	8.50E-07	8.19E-05	5.10E-04	0.00E+00	1.50E-03	6.79E-09	1.99E-10	9.34E-03	1.64E-04	5.34E-03	3.05E-04	1.08E-04	2.58E-02	5.88E-01	0.00E+00	7.92E-10	1.03E-09	1.19E-04	3.06E-06	7.85E-02	0.00E+00	5.88E-01	1.45E-09	5.88E-01	6.66E-01	7.85E-02	0.00E+00	0.00E+00	0.00E+00	4.66E-03
U-PFBGRM160	4.05E-04	1.81E-01	3.39E-02	1.47E-01	0.00E+00	0.00E+00	2.10E+00	2.00E-05	1.94E-04	1.21E-03	0.00E+00	3.56E-03	1.61E-08	4.71E-10	2.19E-02	3.89E-04	1.23E-02	3.05E-04	2.55E-04	6.03E-02	1.38E+00	0.00E+00	1.87E-09	2.43E-09	2.82E-04	7.21E-06	1.85E-01	0.00E+00	1.38E+00	3.41E-09	1.38E+00	1.57E+00	1.85E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
U-PFBGRM180	2.69E-04	1.20E-01	2.24E-02	9.78E-02	0.00E+00	0.00E+00	1.39E+00	1.33E-05	1.28E-04	7.99E-04	0.00E+00	2.36E-03	1.07E-08	3.12E-10	1.46E-02	2.58E-04	8.22E-03	3.05E-04	1.70E-04	4.01E-02	9.20E-01	0.00E+00	1.24E-09	1.61E-09	1.87E-04	4.79E-06	1.23E-01	0.00E+00	9.20E-01	2.26E-09	9.20E-01	1.04E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	7.29E-03
U-PFBGRM50	2.72E-04	1.22E-01	2.27E-02	9.89E-02	0.00E+00	0.00E+00	1.41E+00	1.34E-05	1.30E-04	8.08E-04	0.00E+00	2.38E-03	1.08E-08	3.15E-10	1.47E-02	2.61E-04	8.31E-03	3.05E-04	1.72E-04	4.06E-02	9.30E-01	0.00E+00	1.26E-09	1.63E-09	1.89E-04	4.84E-06	1.24E-01	0.00E+00	9.30E-01	2.29E-09	9.30E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.38E-03
U-PFBGRM60	2.02E-04	9.05E-02	1.68E-02	7.37E-02	0.00E+00	0.00E+00	1.05E+00	1.00E-05	9.64E-05	6.01E-04	0.00E+00	1.77E-03	8.00E-09	2.34E-10	1.10E-02	1.93E-04	6.24E-03	3.05E-04	1.28E-04	3.03E-02	6.92E-01	0.00E+00	9.32E-10	1.21E-09	1.40E-04	3.60E-06	9.24E-02	0.00E+00	6.92E-01	1.70E-09	6.92E-01	7.84E-01	9.24E-02	0.00E+00	0.00E+00	0.00E+00	5.50E-03
U-PFBGRM80	3.69E-04	1.65E-01	3.08E-02	1.34E-01	0.00E+00	0.00E+00	1.91E+00	1.82E-05	1.76E-04	1.10E-03	0.00E+00	3.24E-03	1.46E-08	4.28E-10	1.99E-02	3.54E-04	1.12E-02	3.05E-04	2.33E-04	5.49E-02	1.26E+00	0.00E+00	1.70E-09	2.21E-09	2.56E-04	6.56E-06	1.69E-01	0.00E+00	1.26E+00	3.10E-09	1.26E+00	1.43E+00	1.69E-01	0.00E+00	0.00E+00	0.00E+00	9.99E-03
U-PFBGRM85	1.84E-04	8.24E-02	1.53E-02	6.71E-02	0.00E+00	0.00E+00	9.52E-01	9.10E-07	8.77E-05	5.46E-04	0.00E+00	1.61E-03	7.27E-09	2.13E-10	1.00E-02	1.76E-04	5.70E-03	3.05E-04	1.17E-04	2.76E-02	6.29E-01	0.00E+00	8.48E-10	1.10E-09	1.28E-04	3.28E-06	8.40E-02	0.00E+00	6.29E-01	1.55E-09	6.29E-01	7.13E-01	8.40E-02	0.00E+00	0.00E+00	0.00E+00	5.01E-03
U-PGFAW	1.68E-04	6.68E-02	1.52E-02	7.16E-02	0.00E+00	0.00E+00	9.49E-01	9.31E-07	8.79E-05	5.54E-04	0.00E+00	1.61E-03	7.22E-09	2.14E-10	1.07E-02	1.75E-04	6.92E-03	6.07E-06	1.26E-04	2.99E-02	6.42E-01	0.00E+00	8.54E-10	1.13E-09	1.29E-04	3.43E-06	8.61E-02	0.00E+00	6.42E-01	1.61E-09	6.42E-01	7.28E-01	8.61E-02	0.00E+00	0.00E+00	0.00E+00	5.40E-03
U-PGLT50LR3518	2.53E-04	1.17E-01	2.07E-02	9.58E-02	0.00E+00	0.00E+00	1.29E+00	1.28E-05	1.19E-04	7.50E-04	0.00E+00	2.19E-03	9.83E-09	2.90E-10	1.44E-02	2.38E-04	9.00E-03	1.85E-03	1.68E-04	3.98E-02	8.68E-01	0.00E+00	1.16E-09	1.53E-09	1.75E-04	4.61E-06	1.16E-01	0.00E+00	8.68E-01	2.17E-09	8.68E-01	9.85E-01	1.16E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
U-PGLT50LR3520	4.05E-04	1.84E-01	3.34E-02	1.51E-01	0.00E+00	0.00E+00	2.08E+00	2.01E-05	1.92E-04	1.20E-03	0.00E+00	3.52E-03	1.59E-08	4.67E-10	2.25E-02	3.84E-04	1.35E-02	1.85E-03	2.63E-04	6.23E-02	1.39E+00	0.00E+00	1.86E-09	2.43E-09	2.81E-04	7.30E-06	1.86E-01	0.00E+00	1.39E+00	3.44E-09	1.39E+00	1.57E+00	1.86E-01	0.00E+00	0.00E+00	0.00E+00	1.13E-02
U-PGLT50LR4018	4.35E-04	1.98E-01	3.59E-02	1.62E-01	0.00E+00	0.00E+00	2.24E+00	2.16E-05	2.07E-04	1.29E-03	0.00E+00	3.79E-03	1.71E-08	5.02E-10	2.41E-02	4.13E-04	1.44E-02	1.85E-03	2.82E-04	6.68E-02	1.49E+00	0.00E+00	2.00E-09	2.62E-09	3.02E-04	7.84E-06	2.00E-01	0.00E+00	1.49E+00	3.70E-09	1.49E+00	1.69E+00	2.00E-01	0.00E+00	0.00E+00	0.00E+00	1.21E-02
U-PGLT50LR4020	3.29E-04	1.50E-01	2.71E-02	1.23E-01	0.00E+00	0.00E+00	1.69E+00	1.63E-05	1.56E-04	9.76E-04	0.00E+00	2.85E-03	1.28E-08	3.79E-10	1.84E-02	3.11E-04	1.12E-02	1.85E-03	2.15E-04	5.11E-02	1.13E+00	0.00E+00	1.51E-09	1.98E-09	2.28E-04	5.95E-06	1.51E-01	0.00E+00	1.13E+00	2.80E-09	1.13E+00	1.28E+00	1.51E-01	0.00E+00	0.00E+00	0.00E+00	9.25E-03
U-PGLT50LR6018	3.47E-04	1.58E-01	2.86E-02	1.30E-01	0.00E+00	0.00E+00	1.78E+00	1.72E-05	1.64E-04	1.03E-03	0.00E+00	3.01E-03	1.36E-08	4.00E-10	1.94E-02	3.28E-04	1.18E-02	1.85E-03	2.27E-04	5.38E-02	1.19E+00	0.00E+00	1.59E-09	2.09E-09	2.41E-04	6.28E-06	1.59E-01	0.00E+00	1.19E+00	2.96E-09	1.19E+00	1.35E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	9.74E-03
U-PGLT50LR6020	1.93E-04	9.35E-02	1.56E-02	7.39E-02	0.00E+00	0.00E+00	9.75E-01	9.59E-07	9.04E-05	5.70E-04	0.00E+00	1.65E-03	7.42E-09	2.20E-10	1.11E-02	1.79E-04	7.20E-03	1.85E-03	1.30E-04	3.09E-02	6.61E-01	0.00E+00	8.78E-10	1.16E-09	1.33E-04	3.53E-06	8.87E-02	0.00E+00	6.61E-01	1.66E-09	6.61E-01	7.49E-01	8.87E-02	0.00E+00	0.00E+00	0.00E+00	5.58E-03
U-PGLTE35	4.22E-04	1.89E-01	3.52E-02	1.54E-01	0.00E+00	0.00E+00	2.19E+00	2.09E-05	2.02E-04	1.26E-03	0.00E+00	3.70E-03	1.67E-08	4.90E-10	2.29E-02	4.05E-04	1.36E-02	5.33E-04	2.67E-04	6.32E-02	1.45E+00	0.00E+00	1.95E-09	2.53E-09	2.94E-04	7.53E-06	1.93E-01	0.00E+00	1.45E+00	3.56E-09	1.45E+00	1.64E+00	1.93E-01	0.00E+00	0.00E+00	0.00E+00	1.15E-02
U-PGLTE40	3.80E-04	1.70E-01	3.17E-02	1.38E-01	0.00E+00	0.00E+00	1.97E+00	1.88E-05	1.81E-04	1.13E-03	0.00E+00	3.33E-03	1.51E-08	4.41E-10	2.06E-02	3.64E-04	1.17E-02	5.33E-04	2.41E-04	5.69E-02	1.30E+00	0.00E+00	1.75E-09	2.28E-09	2.64E-04	6.78E-06	1.74E-01	0.00E+00	1.30E+00	3.20E-09	1.30E+00	1.47E+00	1.74E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
U-PGLTLR3518	3.75E-04	1.71E-01	3.09E-02	1.40E-01	0.00E+00	0.00E+00	1.92E+00	1.86E-05	1.78E-04	1.11E-03	0.00E+00	3.25E-03	1.47E-08	4.32E-10	2.09E-02	3.55E-04	1.26E-02	1.85E-03	2.44E-04	5.78E-02	1.28E+00	0.00E+00	1.72E-09	2.25E-09	2.59E-04	6.76E-06	1.72E-01	0.00E+00	1.28E+00	3.19E-09	1.28E+00	1.46E+00	1.72E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-02

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U-TSB6020	1.29E-09	5.72E-11	6.45E-11	7.35E-12	0.00E+00	0.00E+00	4.35E-10	1.00E-15	2.80E-14	5.11E-13	0.00E+00	1.92E-12	0.00E+00	0.00E+00	1.20E-11	2.15E-13	3.02E-11	0.00E+00	6.00E-14	4.07E-11	7.19E-10	0.00E+00	0.00E+00	0.00E+00	8.80E-14	4.00E-15	1.02E-10	0.00E+00	7.19E-10	0.00E+00	7.19E-10	8.21E-10	1.02E-10	0.00E+00	0.00E+00	0.00E+00	2.58E-12
U-TSB6022	3.02E-09	1.35E-03	2.54E-04	1.10E-03	0.00E+00	0.00E+00	1.58E-02	1.50E-08	1.48E-06	9.03E-08	0.00E+00	2.87E-05	1.21E-10	3.53E-12	1.63E-04	2.92E-06	9.00E-05	0.00E+00	1.90E-06	4.49E-04	1.04E-02	0.00E+00	1.40E-11	1.82E-11	2.11E-06	5.38E-08	1.39E-03	0.00E+00	1.04E-02	2.55E-11	1.04E-02	1.16E-02	1.39E-03	0.00E+00	0.00E+00	0.00E+00	8.16E-05
U-TSB7020	1.59E-08	5.56E-11	6.27E-11	7.14E-12	0.00E+00	0.00E+00	4.23E-10	1.00E-15	2.70E-14	4.96E-13	0.00E+00	1.86E-12	0.00E+00	0.00E+00	1.16E-11	2.09E-13	2.93E-11	0.00E+00	5.80E-14	3.96E-11	6.98E-10	0.00E+00	0.00E+00	0.00E+00	8.60E-14	4.00E-15	9.91E-11	0.00E+00	6.98E-10	0.00E+00	6.98E-10	7.97E-10	9.91E-11	0.00E+00	0.00E+00	0.00E+00	2.51E-12
U-TSB7022	1.89E-08	5.37E-11	6.06E-11	6.90E-12	0.00E+00	0.00E+00	4.09E-10	1.00E-15	2.60E-14	4.79E-13	0.00E+00	1.80E-12	0.00E+00	0.00E+00	1.12E-11	2.02E-13	2.83E-11	0.00E+00	5.60E-14	3.82E-11	6.74E-10	0.00E+00	0.00E+00	0.00E+00	8.30E-14	4.00E-15	9.57E-11	0.00E+00	6.74E-10	0.00E+00	6.74E-10	7.70E-10	9.57E-11	0.00E+00	0.00E+00	0.00E+00	2.42E-12
U-TSB8020	1.13E-08	5.74E-11	6.48E-11	7.38E-12	0.00E+00	0.00E+00	4.37E-10	1.00E-15	2.80E-14	5.13E-13	0.00E+00	1.93E-12	0.00E+00	0.00E+00	1.20E-11	2.16E-13	3.03E-11	0.00E+00	6.00E-14	4.09E-11	7.21E-10	0.00E+00	0.00E+00	0.00E+00	8.90E-14	4.00E-15	1.02E-10	0.00E+00	7.21E-10	0.00E+00	7.21E-10	8.24E-10	1.02E-10	0.00E+00	0.00E+00	0.00E+00	2.59E-12
U-TSB8022	1.43E-08	5.54E-11	6.25E-11	7.12E-12	0.00E+00	0.00E+00	4.22E-10	1.00E-15	2.70E-14	4.95E-13	0.00E+00	1.86E-12	0.00E+00	0.00E+00	1.16E-11	2.09E-13	2.92E-11	0.00E+00	5.80E-14	3.95E-11	6.97E-10	0.00E+00	0.00E+00	0.00E+00	8.60E-14	4.00E-15	9.89E-11	0.00E+00	6.96E-10	0.00E+00	6.96E-10	7.95E-10	9.89E-11	0.00E+00	0.00E+00	0.00E+00	2.50E-12
U-TSB8520	1.49E-08	5.55E-11	6.26E-11	7.13E-12	0.00E+00	0.00E+00	4.23E-10	1.00E-15	2.70E-14	4.96E-13	0.00E+00	1.86E-12	0.00E+00	0.00E+00	1.16E-11	2.09E-13	2.93E-11	0.00E+00	5.80E-14	3.95E-11	6.97E-10	0.00E+00	0.00E+00	0.00E+00	8.60E-14	4.00E-15	9.89E-11	0.00E+00	6.97E-10	0.00E+00	6.97E-10	7.96E-10	9.89E-11	0.00E+00	0.00E+00	0.00E+00	2.50E-12
U-TSB8522	3.01E-06	1.35E-03	2.54E-04	1.10E-03	0.00E+00	0.00E+00	1.58E-02	1.50E-08	1.45E-06	9.03E-08	0.00E+00	2.87E-05	1.21E-10	3.53E-12	1.63E-04	2.92E-06	9.00E-05	0.00E+00	1.90E-06	4.49E-04	1.04E-02	0.00E+00	1.40E-11	1.82E-11	2.11E-06	5.38E-08	1.39E-03	0.00E+00	1.04E-02	2.55E-11	1.04E-02	1.16E-02	1.39E-03	0.00E+00	0.00E+00	0.00E+00	8.16E-05
U-TSB9020	1.43E-08	5.50E-11	6.20E-11	7.07E-12	0.00E+00	0.00E+00	4.19E-10	1.00E-15	2.70E-14	4.91E-13	0.00E+00	1.84E-12	0.00E+00	0.00E+00	1.15E-11	2.07E-13	2.90E-11	0.00E+00	5.80E-14	3.91E-11	6.91E-10	0.00E+00	0.00E+00	0.00E+00	8.50E-14	4.00E-15	9.80E-11	0.00E+00	6.91E-10	0.00E+00	6.91E-10	7.89E-10	9.80E-11	0.00E+00	0.00E+00	0.00E+00	2.48E-12
U-TSB9022	1.74E-08	5.30E-11	5.98E-11	6.82E-12	0.00E+00	0.00E+00	4.04E-10	1.00E-15	2.60E-14	4.74E-13	0.00E+00	1.78E-12	0.00E+00	0.00E+00	1.11E-11	1.99E-13	2.80E-11	0.00E+00	5.60E-14	3.78E-11	6.66E-10	0.00E+00	0.00E+00	0.00E+00	8.20E-14	4.00E-15	9.46E-11	0.00E+00	6.66E-10	0.00E+00	6.66E-10	7.61E-10	9.46E-11	0.00E+00	0.00E+00	0.00E+00	2.39E-12
U-TSC23FE	3.76E-04	1.67E-01	3.15E-02	1.36E-01	0.00E+00	0.00E+00	1.96E+00	1.86E-06	1.80E-04	1.12E-02	0.00E+00	3.31E-03	1.50E-08	4.37E-10	2.02E-02	3.62E-04	1.12E-02	0.00E+00	2.36E-04	5.56E-02	1.29E+00	0.00E+00	1.74E-09	2.25E-09	2.62E-04	6.67E-06	1.72E-01	0.00E+00	1.29E+00	3.16E-09	1.29E+00	1.46E+00	1.72E-01	0.00E+00	0.00E+00	0.00E+00	1.01E-02
U-TSC23HF	2.79E-04	1.24E-01	2.34E-02	1.01E-01	0.00E+00	0.00E+00	1.45E+00	1.38E-06	1.34E-04	8.31E-04	0.00E+00	2.45E-03	1.11E-08	3.25E-10	1.50E-02	2.69E-04	8.28E-03	0.00E+00	1.75E-04	4.13E-02	9.55E-01	0.00E+00	1.29E-09	1.67E-09	1.94E-04	4.95E-06	1.27E-01	0.00E+00	9.55E-01	2.34E-09	9.55E-01	1.08E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	7.51E-03
U-TSC27FE	4.40E-04	1.96E-01	3.68E-02	1.59E-01	0.00E+00	0.00E+00	2.29E+00	2.18E-06	2.11E-04	1.31E-03	0.00E+00	3.87E-03	1.75E-08	5.11E-10	2.36E-02	4.23E-04	1.30E-02	0.00E+00	2.76E-04	6.51E-02	1.51E+00	0.00E+00	2.03E-09	2.63E-09	3.06E-04	7.80E-06	2.01E-01	0.00E+00	1.51E+00	3.69E-09	1.51E+00	1.71E+00	2.01E-01	0.00E+00	0.00E+00	0.00E+00	1.18E-02
U-TSC27HF	3.43E-04	1.52E-01	2.87E-02	1.24E-01	0.00E+00	0.00E+00	1.78E+00	1.70E-06	1.64E-04	1.02E-03	0.00E+00	3.01E-03	1.36E-08	3.99E-10	1.84E-02	3.30E-04	1.02E-02	0.00E+00	2.15E-04	5.07E-02	1.17E+00	0.00E+00	1.59E-09	2.05E-09	2.38E-04	6.08E-06	1.57E-01	0.00E+00	1.17E+00	2.88E-09	1.17E+00	1.33E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	9.22E-03
U-TSC36FE	3.94E-04	1.75E-01	3.30E-02	1.42E-01	0.00E+00	0.00E+00	2.05E+00	1.95E-06	1.89E-04	1.17E-03	0.00E+00	3.47E-03	1.57E-08	4.59E-10	2.12E-02	3.80E-04	1.17E-02	0.00E+00	2.47E-04	5.83E-02	1.35E+00	0.00E+00	1.82E-09	2.36E-09	2.74E-04	7.00E-06	1.80E-01	0.00E+00	1.35E+00	3.31E-09	1.35E+00	1.53E+00	1.80E-01	0.00E+00	0.00E+00	0.00E+00	1.06E-02
U-TSC36HF	2.97E-04	1.32E-01	2.49E-02	1.07E-01	0.00E+00	0.00E+00	1.55E+00	1.47E-06	1.42E-04	8.85E-04	0.00E+00	2.61E-03	1.18E-08	3.46E-10	1.60E-02	2.86E-04	8.82E-03	0.00E+00	1.86E-04	4.40E-02	1.02E+00	0.00E+00	1.38E-09	1.78E-09	2.07E-04	5.27E-06	1.36E-01	0.00E+00	1.02E+00	2.50E-09	1.02E+00	1.15E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	8.00E-03
U-TSC40FE	1.79E-04	7.96E-02	1.50E-02	6.46E-02	0.00E+00	0.00E+00	9.31E-01	8.85E-07	8.57E-05	5.33E-04	0.00E+00	1.57E-03	7.12E-09	2.08E-10	9.62E-03	1.72E-04	5.31E-03	0.00E+00	1.12E-04	2.65E-02	6.13E-01	0.00E+00	8.28E-10	1.07E-09	1.25E-04	3.18E-06	8.17E-02	0.00E+00	6.13E-01	1.50E-09	6.13E-01	6.94E-01	8.17E-02	0.00E+00	0.00E+00	0.00E+00	4.81E-03
U-TSC40HF	3.85E-04	1.71E-01	3.23E-02	1.39E-01	0.00E+00	0.00E+00	2.00E+00	1.91E-06	1.84E-04	1.15E-03	0.00E+00	3.39E-03	1.53E-08	4.48E-10	2.07E-02	3.71E-04	1.14E-02	0.00E+00	2.41E-04	5.70E-02	1.32E+00	0.00E+00	1.78E-09	2.31E-09	2.68E-04	6.84E-06	1.76E-01	0.00E+00	1.32E+00	3.23E-09	1.32E+00	1.49E+00	1.76E-01	0.00E+00	0.00E+00	0.00E+00	1.04E-02
U-TSE1106020	2.24E-03	9.96E-01	1.88E-01	8.08E-01	0.00E+00	0.00E+00	1.16E+01	1.11E-05	1.07E-03	6.66E-03	0.00E+00	1.97E-02	8.91E-08	2.60E-09	1.20E-01	2.15E-03	6.64E-02	1.00E-15	1.40E-03	3.31E-01	7.66E+00	0.00E+00	1.04E-08	1.34E-08	1.56E-03	3.97E-05	1.02E+00	0.00E+00	7.66E+00	1.88E-08	7.66E+00	8.68E+00	1.02E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-02
U-TSE1106022	2.34E-03	1.04E+00	1.97E-01	8.48E-01	0.00E+00	0.00E+00	1.22E+01	1.16E-05	1.12E-03	6.99E-03	0.00E+00	2.07E-02	9.34E-08	2.73E-09	1.26E-01	2.26E-03	6.97E-02	1.00E-15	1.47E-03	3.47E-01	8.04E+00	0.00E+00	1.09E-08	1.41E-08	1.63E-03	4.17E-05	1.07E+00	0.00E+00	8.04E+00	1.97E-08	8.04E+00	9.11E+00	1.07E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-02
U-TSE606020	1.61E-03	7.19E-01	1.35E-01	5.84E-01	0.00E+00	0.00E+00	8.41E+00	8.00E-06	7.74E-04	4.81E-03	0.00E+00	1.42E-02	6.43E-08	1.88E-09	8.69E-02	1.56E-03	4.80E-02	1.00E-15	1.01E-03	2.39E-01	5.53E+00	0.00E+00	7.48E-09	9.68E-09	1.12E-03	2.87E-05	7.38E-01	0.00E+00	5.53E+00	1.36E-08	5.53E+00	6.27E+00	7.38E-01	0.00E+00	0.00E+00	0.00E+00	4.35E-02
U-TSE606022	1.65E-03	7.35E-01	1.38E-01	5.97E-01	0.00E+00	0.00E+00	8.60E+00	8.18E-06	7.92E-04	4.92E-03	0.00E+00	1.45E-02	6.58E-08	1.92E-09	8.88E-02	1.59E-03	4.90E-02	1.00E-15	1.04E-03	2.45E-01	5.66E+00	0.00E+00	7.65E-09	9.90E-09	1.15E-03	2.93E-05	7.55E-01	0.00E+00	5.66E+00	1.39E-08	5.66E+00	6.41E+00	7.55E-01	0.00E+00	0.00E+00	0.00E+00	4.45E-02
U-TSS23FE	1.69E-07	2.18E-09	2.48E-08	2.80E-10	0.00E+00	0.00E+00	1.66E-08	4.20E-14	1.05E-12	1.95E-11	0.00E+00	7.31E-11	0.00E+00	0.00E+00	4.55E-10	8.19E-12	1.15E-09	0.00E+00	2.29E-12	1.55E-09	2.74E-08	0.00E+00	0.00E+00	0.00E+00	3.36E-12	1.46E-13	3.89E-09	0.00E+00	2.74E-08	0.00E+00	2.74E-08	3.13E-08	3.89E-09	0.00E+00	0.00E+00	0.00E+00	9.83E-11
U-TSS23HF	1.70E-07	2.18E-09	2.49E-08	2.80E-10	0.00E+00	0.00E+00	1.66E-08	4.20E-14	1.05E-12	1.95E-11	0.00E+00	7.31E-11	0.00E+00	0.00E+00	4.55E-10	8.19E-12	1.15E-09	0.00E+00	2.29E-12	1.55E-09	2.74E-08	0.00E+00	0.00E+00	0.00E+00	3.36E-12	1.46E-13	3.89E-09	0.00E+00	2.74E-08	0.00E+00	2.74E-08	3.13E-08	3.89E-09	0.00E+00	0.00E+00	0.00E+00	9.83E-11
U-TSS27FE	1.97E-04	8.77E-02	1.65E-02	7.12E-02	0.00E+00	0.00E+00	1.03E+00	9.75E-07	9.44E-05	5.87E-04	0.00E+00	1.73E-03	7.85E-09	2.29E-10	1.06E-02	1.90E-04	5.85E-03	0.00E+00	1.24E-04	2.92E-02	6.75E-01	0.00E+00	9.12E-10	1.18E-09	1.37E-04	3.50E-06	9.00E-02	0.00E+00	6.75E-01	1.66E-09	6.75E-01	7.65E-01	9.00E-02	0.00E+00	0.00E+00	0.00E+00	5.30E-03
U-TSS27HF	3.25E-04	1.44E-01	2.72E-02	1.17E-01	0.00E+00	0.00E+00	1.69E+00	1.61E-06	1.55E-04	9.66E-04	0.00E+00	2.85E-03	1.29E-08	3.77E-10	1.74E-02	3.12E-04	9.63E-03	0.00E+00	2.03E-04	4.80E-02	1.11E+00	0.00E+00	1.50E-09	1.94E-09	2.26E-04	5.76E-06	1.48E-01	0.00E+00	1.11E+00	2.72E-09	1.11E+00	1.26E+00	1.48E-01	0.00E+00	0.00E+00	0.00E+00	8.73E-03
U-TSS34	1.47E-02	6.78E+00	1.19E+00	5.60E+00	0.00E+00	0.00E+00	7.41E+01	7.27E-05	6.86E-03	4.33E-02	0.00E+00	1.26E-01	5.64E-07	1.67E-08	8.39E-01	1.36E-02	5.41E-01	4.84E-04	9.83E-03	2.33E+00	5.01E+01	0.00E+00	6.67E-08	8.82E-08	1.01E-02	2.88E-04	6.73E+00	0.00E+00	5.01E+01	1.26E-07	5.01E+01	5.69E+01	6.73E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-01
U-TSS34HF	2.05E-04	9.18E-02	1.73E-02	7.45E-02	0.00E+00	0.00E+00	1.07E+00	1.02E-06	9.88E-05	6.14E-04	0.00E+00	1.81E-03	8.21E-09	2.40E-10	1.11E-02	1.99E-04	6.12E-03	0.00E+00	1.29E-04	3.05E-02	7.06E-01	0.00E+00	9.54E-10	1.24E-09	1.43E-04	3.66E-06	9.42E-02	0.00E+00	7.06E-01	1.73E-09	7.06E-01	8.00E-01	9.42E-02	0.00E+00	0.00E+00	0.00E+00	5.55E-03
U-TSS38	1.45E-06	2.71E-09	3.07E-09	3.56E-10	0.00E+00	0.00E+00	2.07E-08	5.20E-14	1.30E-12	2.45E-11	0.00E+00	9.12E-11	0.00E+00	0.00E+00	5.69E-10	1.02E-11	1.44E-09	0.00E+00	2.88E-12	1.94E-09	3.43E-08	0.00E+00	0.00E+00	0.00E+00	4.28E-12	1.83E-13	4.85E-09	0.00E+00	3.43E-08	0.00E+00	3.43E-08	3.91E-08	4.85E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-10
U-TSS38HF	2.81E-04	1.26E-01	2.38E-02	1.02E-01	0.00E+00	0.00E+00	1.47E+00	1.40E-06	1.36E-04	8.40E-04	0.00E+00	2.48E-03	1.12E-08	3.28E-10	1.52E-02	2.71E-04	8.37E-03	0.00E+00	1.77E-04	4.17E-02	9.66E-01	0.00E+00	1.31E-09	1.69E-09	1.96E-04	5.01E-06	1.29E-01	0.00E+00	9.66E-01	2.37E-09	9.66E-01	1.09E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	7.59E-03
U-TSSB11020	1.47E-07	1.21E-08	1.37E-08	1.56E-09	0.00E+00	0.00E+00	9.25E-08	2.33E-13	5.87E-12	1.08E-10	0.00E+00	4.07E-10	2.00E-15	0.00E+00	2.54E-09	4.57E-11	6.41E-09	0.00E+00	1.28E-11	8.65E-09	1.53E-07	0.00E+00	0.00E+00	0.00E+00	1.87E-11	8.15E-13	2.17E-08	0.00E+00	1.53E-07	0.00E+00	1.53E-07	1.74E-07	2.17E-08	0.00E+00	0.00E+00	0.00E+00	5.48E-10
U-TSSB11022	1.32E-07	1.21E-08	1.37E-08	1.56E-09	0.00E+00	0.00E+00	9.25E-08	2.33E-13	5.88E-12	1.09E-10	0.00E+00	4.07E-10	2.00E-15	0.00E+00	2.54E-09	4.57E-11	6.42E-09	0.00E+00	1.28E-11	8.65E-09	1.53E-07	0.00E+00	0.00E+00	0.00E+00	1.87E-11	8.15E-13	2.17E-08	0.00E+00	1.53E-07	0.00E+00	1.53E-07	1.74E-07	2.17E-08	0.00E+00	0.00E+00	0.00E+00	5.48E-10
U-TSSB13555820	5.32E-06	1.20E-03	6.11E-04	5.89E-04	0.00E+00	0.00E+00	3.63E-02	2.47E-08	3.15E-06	1.71E-05	0.00E+00	5.98E-05	2.91E-10	7.53E-12	5.89E-05	7.03E-06	2.99E-04	1.00E-05	4.91E-07	5.82E-05	1.80E-02	0.00E+00	2.89E-11	2.97E-11	4.09E-06	6.00E-08	2.22E-03	0.00E+00	1.80E-02	3.23E-11	1.80E-02	2.02E-02	2.22E-03	0.00E+00	0.00E+00	0.00E+00	2.10E-05
U-TSSB13555822	1.33E-07	1.21E-08	1.37E-08	1.56E-09	0.00E+00	0.00E+00	9.25E-08	2.33E-13	5.88E-12	1.09E-10	0.00E+00	4.07E-10	2.00E-15	0.00E+00	2.54E-09	4.57E-11	6.41E-09	0.00E+00	1.28E-11	8.65E-09	1.53E-07	0.00E+00	0.00E+00	0.00E+00	1.87E-11	8.15E-13	2.17E-08	0.00E+00	1.53E-07	0.00E+00	1.53E-07	1.74E-07	2.17E-08	0.00E+00	0.00E+00	0.00E+00	5.48E-10
U-TSSB4520	6.56E-08	6.22E-09	7.02E-09	8.00E-10	0.00E+00	0.00E+00	4.74E-08	1.19E-13	3.01E-12	5.55E-11	0.00E+00	2.09E-10	1.00E-15	0.00E+00	1.30E-09	2.34E-11	3.28E-09	0.00E+00	6.53E-12	4.43E-09	7.81E-08	0.00E+00	0.00E+00	0.00E+00	9.60E-12	4.17E-13	1.11E-08	0.00E+00	7.81E-08	0.00E+00	7.81E-08	8.92E-08	1.11E-08	0.00E+00	0.00E+00	0.00E+00	2.80E-10
U-TSSB4522	6.65E-08	6.22E-09	7.02E-09	7.99E-10	0.00E+00	0.00E+00	4.73E-08	1.19E-13	3.01E-12	5.55E-11	0.00E+00	2.09E-10	1.00E-15	0.00E+00	1.30E-09	2.34E-11	3.28E-09	0.00E+00	6.53E-12	4.43E-09	7.81E-08	0.00E+00	0.00E+00	0.00E+00	9.59E-12	4.17E-13	1.11E-08	0.00E+00	7.81E-08	0.00E+00	7.81E-08	8.92E-08	1.11E-08	0.00E+00	0.00E+00	0.00E+00	2.80E-10
U-TSSB6020	6.24E-08	6.22E-09	7.02E-09	8.00E-10	0.00E+00	0.00E+00	4.74E-08	1.19E-13	3.01E-12	5.55E-11	0.00E+00	2.09E-10	1.00E-15	0.00E+00	1.30E-09	2.34E-11	3.28E-09	0.00E+00	6.53E-12	4.43E-09	7.82E-08	0.00E+00	0.00E+00	0.00E+00	9.60E-12	4.17E-13	1.11E-08	0.00E+00	7.82E-08	0.00E+00	7.82E-08	8.92E-08	1.11E-08	0.00E+00	0.00E+00	0.00E+00	2.80E-10
U-TSSB6022	6.50E-08	6.22E-09	7.02E-09	7.99E-10	0.00E+00	0.00E+00	4.73E-08	1.19E-13	3.01E-12	5.55E-11	0.00E+00	2.09E-10	1.00E-15	0.00E+00	1.30E-09	2.34E-11	3.28E-09	0.00E+00	6.53E-12	4.43E-09	7.81E-08	0.00E+00	0.00E+00	0.00E+00	9.60E-12	4.17E-13	1.11E-08	0.00E+00	7.81E-08	0.00E+00	7.81E-08	8.92E-08	1.11E-08	0.00E+00	0.00E+00	0.00E+00	2.80E-10
U-TSSB7020	6.02E-08	6.22E-09	7.02E-09	8.00E-10	0.00E+00	0.00E+00	4.74E-08	1.19E-13	3.01E-12	5.56E-11	0.00E+00	2.09E-10	1.00E-15	0.00E+00	1.30E-09	2.34E-11	3.28E-09	0.00E+00	6.53E-12	4.43E-09	7.82E-08	0.00E+00	0.00E+00	0.00E+00	9.60E-12	4.17E-13	1.11E-08	0.00E+00	7.82E-08	0.00E+00	7.82E-08	8.93E-08	1.11E-08	0.00E+00	0.00E+00	0.00E+00	2.81E-10
U-TSSB7022	6.19E-08	6.22E-09	7.02E-09	7.99E-10	0.00E+00	0.00E+00	4.74E-08	1.19E-13	3.01E-12	5.55E-11	0.00E+00	2.09E-10	1.00E-15	0.00E+00	1.30E-09	2.34E-11	3.28E-09	0.00E+00	6.53E-12	4.43E-09	7.81E-08	0.00E+00	0.00E+00	0.00E+00	9.60E-12	4.17E-13	1.11E-08	0.00E+00	7.81E-08	0.00E+00	7.81E-08	8.92E-08	1.11E-08	0.00E+00	0.00E+00	0.00E+00	2.80E-10
U-TSSB8520	5.53E-08	6.22E-09	7.02E-09	8.00E-10	0.00E+00	0.00E+00	4.74E-08	1.19E-13	3.01E-12	5.56E-11	0.00E+00	2.09E-10	1.00E-15	0.00E+00	1.30E-09	2.34E-11	3.28E-09	0.00E+00	6.54E-12	4.43E-09	7.82E-08	0.00E+00	0.00E+00	0.00E+00	9.60E-12	4.18E-13	1.11E-08	0.00E+00	7.82E-08	0.00E+00	7.82E-08	8.93E-08	1.11E-08	0.00E+00	0.00E+00	0.00E+00	2.81E-10
U-TSSB8522	5.30E-08	6.22E-09	7.02E-09	8.00E-10	0.00E+00	0.00E+00	4.74E-08	1.19E-13	3.01E-12	5.56E-11	0.00E+00	2.09E-10	1.00E-15	0.00E+00	1.30E-09	2.34E-11	3.28E-09	0.00E+00	6.54E-12	4.43E-09	7.82E-08	0.00E+00	0.00E+00	0.00E+00	9.60E-12	4.18E-13	1.11E-08	0.00E+00	7.82E-08	0.00E+00	7.82E-08	8.93E-08	1.11E-08	0.00E+00	0.00E+00	0.00E+00	2.81E-10
U-TSSF004	4.81E-04	2.77E-06	3.12E-06	3.56E-07	0.00E+00	0.00E+00	2.11E-05	5.31E-11	1.34E-09	2.47E-08	0.00E+00	9.28E-08	4.16E-13	1.00E-15	5.79E-07	1.04E-08	1.46E-06	3.00E-14	2.99E-09	1.97E-06	3.48E-05	0.00E+00	4.00E-14	5.60E-14	4.26E-09	1.86E-10	4.93E-06	0.00E+00	3.48E-05	8.50E-14	3.48E-05	3.97E-05	4.93E-06	0.00E+00	0.00E+00	0.00E+00	1.25E-07
U-TSSF006	7.19E-04	4.14E-06	4.67E-06	5.32E-07	0.00E+00	0.00E+00	3.15E-05	7.94E-11	2.00E-09	3.70E-08	0.00E+00	1.39E-07	6.22E-13	1.00E-15	8.66E-07	1.56E-08	2.19E-06	4.50E-14	4.34E-09	2.95E-06	5.20E-05	0.00E+00	6.00E-14	8.32E-14	6.36E-09	2.78E-10	7.38E-06	0.00E+00	5.20E-05	1.27E-13	5.20E-05	5.94E-05	7.38E-06	0.00E+00	0.00E+00	0.00E+00	1.87E-07
U-TSSF014	7.32E-04	4.22E-06	4.76E-06	5.42E-07	0.00E+00	0.00E+00	3.21E-05	8.09E-11	2.04E-09	3.77E-08	0.00E+00	1.41E-07	6.33E-13	1.00E-15	8.82E-07	1.59E-08	2.23E-06	4.60E-14	4.42E-09	3.00E-06	5.30E-05	0.00E+00	6.10E-14	8.50E-14	6.50E-09	2.83E-10	7.52E-06	0.00E+00	5.30E-05	1.29E-13	5.30E-05	6.05E-05	7.52E-06	0.00E+00	0.00E+00	0.00E+00	1.90E-07
U-TSSF016	9.68E-04	5.58E-06	6.29E-06	7.17E-07	0.00E+00	0.00E+00	4.25E-05	1.07E-10	2.69E-09	4.98E-08	0.00E+00	1.87E-07	8.37E-13	2.00E-15	1.17E-06	2.10E-08	2.94E-06	6.00E-14	5.85E-09	3.97E-06	7.01E-05	0.00E+00	8.00E-14	1.12E-13	8.59E-09	3.74E-10	9.94E-06	0.00E+00	7.01E-05	1.71E-13	7.01E-05	8.00E-05	9.94E-06	0.00E+00	0.00E+00	0.00E+00	2.51E-07
U-TSSF034	9.12E-04	5.25E-06	5.92

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End																																						
	C-BBL	1.23E-02	2.34E-01	8.43E-02	1.79E-01	0.00E+00	0.00E+00	4.98E+00	1.27E-05	8.90E-03	2.08E-03	0.00E+00	-7.81E-03	8.64E-10	9.10E-08	4.12E-02	1.20E+00	0.00E+00	0.00E+00	7.00E+00	9.73E-02	6.42E+00	0.00E+00	5.54E-08	1.87E-09	9.81E-04	2.91E-06	1.00E+00	0.00E+00	6.42E+00	2.03E-07	6.42E+00	6.92E+00	1.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E+02
	C-BRH110W	6.88E-03	2.83E+00	5.28E-01	1.87E+00	0.00E+00	0.00E+00	2.35E+01	4.79E-05	1.41E-03	1.68E-02	0.00E+00	-6.04E-03	4.75E-09	5.01E-08	1.20E-01	4.20E+00	0.00E+00	0.00E+00	1.83E+01	8.79E-02	2.37E+01	0.00E+00	1.65E-07	7.99E-08	4.42E-03	3.19E-05	2.80E+00	0.00E+00	2.37E+01	1.37E-07	2.37E+01	2.58E+01	2.80E+00	0.00E+00	0.00E+00	0.00E+00	6.54E+02
	C-BRH135W	7.66E-03	3.14E+00	2.10E-01	2.36E+00	0.00E+00	0.00E+00	4.32E+01	8.07E-05	1.75E-03	2.26E-02	0.00E+00	-2.92E-03	4.77E-09	6.70E-08	1.45E-01	5.62E+00	0.00E+00	0.00E+00	2.38E+01	4.23E-02	3.58E+01	0.00E+00	2.19E-07	1.22E-07	5.73E-03	1.38E-06	4.14E+00	0.00E+00	3.58E+01	3.12E-06	3.58E+01	3.92E+01	4.14E+00	0.00E+00	0.00E+00	0.00E+00	8.55E+02
	C-BRH160W	2.14E-02	4.68E+00	2.34E-01	4.49E+00	0.00E+00	0.00E+00	4.89E+01	1.14E-04	3.90E-03	4.63E-02	0.00E+00	-2.92E-03	8.53E-09	9.39E-08	3.27E-01	1.11E+01	0.00E+00	0.00E+00	3.95E+01	4.81E-02	7.55E+01	0.00E+00	5.52E-07	2.46E-07	1.29E-02	1.47E-06	6.68E+00	0.00E+00	7.55E+01	2.01E-05	7.55E+01	8.26E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+03
	C-BRH60W	6.35E-03	1.62E+00	8.96E-02	1.43E+00	0.00E+00	0.00E+00	1.65E+01	3.79E-05	1.32E-03	1.47E-02	0.00E+00	-2.74E-03	2.05E-09	3.26E-08	9.97E-02	3.31E+00	0.00E+00	0.00E+00	1.29E+01	3.79E-02	2.06E+01	0.00E+00	1.52E-07	6.56E-08	4.02E-03	9.64E-07	2.08E+00	0.00E+00	2.06E+01	4.94E-06	2.06E+01	2.26E+01	2.08E+00	0.00E+00	0.00E+00	0.00E+00	4.51E+02
	C-BRH85W	6.26E-03	2.18E+00	3.97E-01	1.71E+00	0.00E+00	0.00E+00	2.24E+01	4.50E-05	1.33E-03	1.56E-02	0.00E+00	-5.51E-03	4.49E-09	4.69E-08	1.15E-01	3.79E+00	0.00E+00	0.00E+00	1.51E+01	7.60E-02	2.19E+01	0.00E+00	1.56E-07	6.68E-08	4.17E-03	2.63E-06	2.33E+00	0.00E+00	2.19E+01	5.28E-06	2.19E+01	2.36E+01	2.33E+00	0.00E+00	0.00E+00	0.00E+00	5.41E+02
	C-BRV2720W	9.38E-03	2.56E+00	6.35E-01	1.82E+00	0.00E+00	0.00E+00	2.66E+01	5.46E-05	2.85E-03	1.99E-02	0.00E+00	-4.33E-02	4.19E-09	5.82E-08	1.52E-01	4.89E+00	0.00E+00	0.00E+00	1.63E+01	5.35E-01	3.06E+01	0.00E+00	2.41E-07	1.07E-07	5.56E-03	1.40E-05	3.05E+00	0.00E+00	3.06E+01	-3.08E-06	3.06E+01	3.48E+01	3.05E+00	0.00E+00	0.00E+00	0.00E+00	5.74E+02
	C-BRV3520W	9.57E-03	2.86E+00	6.89E-01	1.88E+00	0.00E+00	0.00E+00	2.71E+01	5.66E-05	1.89E-03	2.03E-02	0.00E+00	-4.89E-02	4.19E-09	6.11E-08	1.56E-01	5.08E+00	0.00E+00	0.00E+00	1.66E+01	5.90E-01	3.14E+01	0.00E+00	2.48E-07	1.08E-07	5.65E-03	1.68E-05	3.11E+00	0.00E+00	3.14E+01	1.04E-06	3.14E+01	3.52E+01	3.11E+00	0.00E+00	0.00E+00	0.00E+00	5.76E+02
	C-BRVE20	1.83E-02	1.15E+00	8.58E-02	1.18E+00	0.00E+00	0.00E+00	1.38E+01	2.58E-05	1.15E-02	1.45E-02	0.00E+00	-2.22E-04	1.69E-09	1.38E-07	6.79E-02	2.67E+00	0.00E+00	0.00E+00	1.18E+01	3.09E-03	1.63E+01	0.00E+00	1.22E-07	6.23E-08	4.20E-03	2.12E-07	2.03E+00	0.00E+00	1.63E+01	1.98E-06	1.63E+01	1.76E+01	2.03E+00	0.00E+00	0.00E+00	0.00E+00	3.52E+02
	C-BSA110W	5.34E-03	1.34E+00	9.73E-02	1.16E+00	0.00E+00	0.00E+00	1.11E+01	2.43E-05	1.02E-03	1.23E-02	0.00E+00	-5.23E-03	1.49E-09	2.09E-08	6.75E-02	2.22E+00	0.00E+00	0.00E+00	9.17E+00	6.10E-02	1.76E+01	0.00E+00	1.37E-07	6.61E-08	3.65E-03	1.83E-06	1.66E+00	0.00E+00	1.76E+01	3.06E-06	1.76E+01	1.88E+01	1.66E+00	0.00E+00	0.00E+00	0.00E+00	3.20E+02
	C-BSA135W	6.47E-03	1.71E+00	1.12E-01	1.45E+00	0.00E+00	0.00E+00	1.93E+01	4.02E-05	1.27E-03	1.51E-02	0.00E+00	-5.83E-03	3.14E-09	3.21E-08	1.13E-01	3.46E+00	0.00E+00	0.00E+00	1.39E+01	7.25E-02	2.28E+01	0.00E+00	1.71E-07	7.96E-08	4.32E-03	2.25E-06	2.22E+00	0.00E+00	2.28E+01	5.52E-06	2.28E+01	2.51E+01	2.22E+00	0.00E+00	0.00E+00	0.00E+00	4.56E+02
	C-BSA160W	6.27E-03	1.71E+00	2.15E-01	1.52E+00	0.00E+00	0.00E+00	2.05E+01	4.26E-05	1.23E-03	1.47E-02	0.00E+00	-6.83E-03	3.33E-09	3.35E-08	1.18E-01	3.75E+00	0.00E+00	0.00E+00	1.42E+01	8.64E-02	2.43E+01	0.00E+00	1.79E-07	8.17E-08	4.33E-03	2.59E-06	2.41E+00	0.00E+00	2.43E+01	5.22E-06	2.43E+01	2.69E+01	2.41E+00	0.00E+00	0.00E+00	0.00E+00	4.66E+02
	C-BSA60W	1.91E-03	7.05E-01	6.26E-02	5.51E-01	0.00E+00	0.00E+00	6.60E+00	1.35E-05	4.14E-04	5.30E-03	0.00E+00	-3.27E-03	1.28E-09	1.46E-08	3.45E-02	1.09E+00	0.00E+00	0.00E+00	4.48E+00	3.88E-02	7.52E+00	0.00E+00	5.54E-08	2.29E-08	1.35E-03	1.32E-06	7.50E-01	0.00E+00	7.52E+00	5.44E-07	7.52E+00	8.24E+00	7.50E-01	0.00E+00	0.00E+00	0.00E+00	1.77E+02
	C-BSA85W	3.17E-03	1.04E+00	7.99E-02	9.84E-01	0.00E+00	0.00E+00	1.02E+01	2.37E-05	6.73E-04	1.03E-02	0.00E+00	-4.31E-03	1.36E-09	1.78E-08	6.42E-02	2.06E+00	0.00E+00	0.00E+00	8.92E+00	5.09E-02	1.45E+01	0.00E+00	1.11E-07	5.87E-08	3.33E-03	1.55E-06	1.62E+00	0.00E+00	1.45E+01	1.57E-06	1.45E+01	1.61E+01	1.62E+00	0.00E+00	0.00E+00	0.00E+00	3.26E+02
	C-BWUN20	1.15E-02	2.27E-01	8.15E-02	1.57E-01	0.00E+00	0.00E+00	2.03E+00	3.49E-06	8.40E-03	1.60E-03	0.00E+00	-7.68E-03	8.64E-10	8.03E-08	1.13E-02	4.56E-01	0.00E+00	0.00E+00	1.77E+00	9.43E-02	2.37E+00	0.00E+00	1.79E-08	8.68E-09	5.09E-04	2.64E-06	3.01E-01	0.00E+00	2.37E+00	2.11E-07	2.37E+00	3.12E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	5.73E+01
	C-CPB110	1.57E-02	2.62E-01	4.58E-02	2.04E-01	0.00E+00	0.00E+00	3.71E+00	7.41E-06	1.25E-02	2.11E-03	0.00E+00	-9.53E-03	5.55E-10	1.17E-07	1.94E-02	1.01E+00	0.00E+00	0.00E+00	2.97E+00	1.17E-01	4.24E+00	0.00E+00	3.03E-08	1.47E-08	7.85E-04	2.44E-06	5.24E-01	0.00E+00	4.24E+00	-2.91E-07	4.24E+00	5.05E+00	5.24E-01	0.00E+00	0.00E+00	0.00E+00	8.25E+01
	C-CPB135	1.84E-02	4.75E-01	5.24E-02	4.36E-01	0.00E+00	0.00E+00	7.08E+00	1.20E-05	1.45E-02	4.82E-03	0.00E+00	-9.26E-03	1.32E-09	1.45E-07	3.13E-02	2.44E+00	0.00E+00	0.00E+00	5.79E+00	1.17E-01	7.20E+00	0.00E+00	5.40E-08	3.55E-08	2.20E-03	2.43E-06	1.05E+00	0.00E+00	7.20E+00	-3.14E-07	7.20E+00	8.17E+00	1.05E+00	0.00E+00	0.00E+00	0.00E+00	1.94E+02
	C-CPB160	2.07E-02	4.97E-01	8.12E-02	4.67E-01	0.00E+00	0.00E+00	8.12E+00	1.30E-05	1.65E-02	4.96E-03	0.00E+00	-2.33E-02	1.35E-09	1.62E-07	3.35E-02	2.84E+00	0.00E+00	0.00E+00	6.53E+00	3.08E-01	7.98E+00	0.00E+00	6.03E-08	4.15E-08	2.53E-03	6.84E-06	1.22E+00	0.00E+00	7.98E+00	-4.63E-07	7.98E+00	9.11E+00	1.22E+00	0.00E+00	0.00E+00	0.00E+00	1.91E+02
	C-CPB60	1.14E-02	2.27E-01	8.17E-02	1.40E-01	0.00E+00	0.00E+00	2.01E+00	3.76E-06	8.35E-03	1.60E-03	0.00E+00	-7.85E-03	3.71E-10	8.02E-08	1.14E-02	4.45E-01	0.00E+00	0.00E+00	1.77E+00	9.56E-02	2.38E+00	0.00E+00	1.79E-08	8.68E-09	5.09E-04	2.53E-06	3.01E-01	0.00E+00	2.38E+00	2.07E-07	2.38E+00	3.12E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	5.73E+01
	C-CPB85	1.15E-02	2.36E-01	7.90E-02	1.52E-01	0.00E+00	0.00E+00	2.27E+00	4.42E-06	8.35E-03	1.67E-03	0.00E+00	-7.64E-03	3.99E-10	8.02E-08	1.28E-02	4.71E-01	0.00E+00	0.00E+00	1.90E+00	9.62E-02	2.54E+00	0.00E+00	2.00E-08	9.32E-09	5.51E-04	2.35E-06	3.13E-01	0.00E+00	2.54E+00	-4.23E-07	2.54E+00	3.43E+00	3.13E-01	0.00E+00	0.00E+00	0.00E+00	5.80E+01
	C-DBLA75100	2.89E-02	5.86E+00	2.61E-01	5.56E+00	0.00E+00	0.00E+00	7.05E+01	1.51E-04	5.33E-03	5.86E-02	0.00E+00	-2.21E-03	1.23E-08	1.55E-07	4.21E-01	1.44E+01	0.00E+00	0.00E+00	5.20E+01	3.07E-02	9.34E+01	0.00E+00	7.07E-07	3.14E-07	1.71E-02	1.78E-06	8.73E+00	0.00E+00	9.34E+01	2.60E-05	9.34E+01	1.04E+02	8.73E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+03
	C-DBLA7580	2.24E-02	4.76E+00	2.00E-01	4.72E+00	0.00E+00	0.00E+00	5.41E+01	1.20E-04	4.16E-03	4.90E-02	0.00E+00	-2.21E-03	1.19E-08	1.10E-07	3.32E-01	1.13E+01	0.00E+00	0.00E+00	4.14E+01	3.06E-02	7.94E+01	0.00E+00	5.96E-07	2.64E-07	1.37E-02	1.62E-06	6.95E+00	0.00E+00	7.94E+01	2.25E-05	7.94E+01	8.54E+01	6.95E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+03
	C-EK-KRK	3.32E-02	1.09E+00	8.97E-02	1.02E+00	0.00E+00	0.00E+00	1.48E+01	2.58E-05	2.44E-02	1.30E-02	0.00E+00	-1.52E-04	1.99E-09	2.63E-07	6.68E-02	3.27E+00	0.00E+00	0.00E+00	1.23E+01	2.15E-03	1.57E+01	0.00E+00	1.16E-07	6.76E-08	4.47E-03	1.72E-07	2.18E+00	0.00E+00	1.57E+01	1.39E-06	1.57E+01	1.78E+01	2.16E+00	0.00E+00	0.00E+00	0.00E+00	4.04E+02
	C-EK-KRKW	3.32E-02	1.09E+00	8.97E-02	1.02E+00	0.00E+00	0.00E+00	1.48E+01	2.58E-05	2.44E-02	1.30E-02	0.00E+00	-1.52E-04	1.99E-09	2.63E-07	6.68E-02	3.27E+00	0.00E+00	0.00E+00	1.23E+01	2.15E-03	1.57E+01	0.00E+00	1.16E-07	6.76E-08	4.47E-03	1.72E-07	2.18E+00	0.00E+00	1.57E+01	1.39E-06	1.57E+01	1.78E+01	2.16E+00	0.00E+00	0.00E+00	0.00E+00	4.04E+02
	C-FT2720	7.28E-03	2.84E+00	2.46E-01	2.02E+00	0.00E+00	0.00E+00	2.37E+01	4.65E-05	1.52E-03	1.75E-02	0.00E+00	-2.07E-03	5.20E-09	5.53E-08	1.21E-01	3.87E+00	0.00E+00	0.00E+00	1.70E+01	1.02E-02	2.51E+01	0.00E+00	1.80E-07	8.10E-08	4.56E-03	1.57E-06	2.68E+00	0.00E+00	2.51E+01	6.59E-06	2.51E+01	2.73E+01	2.68E+00	0.00E+00	0.00E+00	0.00E+00	6.50E+02
	C-FT3520	2.16E-02	4.66E+00	1.99E-01	4.44E+00	0.00E+00	0.00E+00	4.76E+01	1.04E-04	4.10E-03	4.55E-02	0.00E+00	-9.42E-04	8.65E-09	1.02E-07	3.11E-01	1.08E+01	0.00E+00	0.00E+00	3.39E+01	1.01E-02	7.40E+01	0.00E+00	5.46E-07	2.45E-07	1.27E-02	8.95E-07	6.15E+00	0.00E+00	7.40E+01	1.94E-05	7.40E+01	8.09E+01	6.15E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+03
	C-FVD	8.46E-03	5.21E-01	1.41E-01	1.07E+00	0.00E+00	0.00E+00	4.29E+01	1.81E-05	1.68E-03	1.60E-02	0.00E+00	-7.98E-03	7.99E-09	7.71E-08	1.78E-01	5.21E+00	0.00E+00	0.00E+00	2.94E+01	1.24E-01	2.77E+01	0.00E+00	3.16E-08	4.48E-08	3.37E-03	5.89E-06	4.62E+00	0.00E+00	2.77E+01	5.50E-06	2.77E+01	2.63E+01	4.62E+00	0.00E+00	0.00E+00	0.00E+00	3.35E+02
	C-KRK135K	1.61E-02	3.14E+00	6.08E-01	1.91E+00	0.00E+00	0.00E+00	2.33E+01	4.59E-05	9.21E-03	1.78E-02	0.00E+00	-6.11E-03	3.97E-09	1.12E-07	1.15E-01	4.06E+00	7.21E-06	0.00E+00	1.53E+01	7.54E-02	2.33E+01	0.00E+00	1.65E-07	8.41E-08	4.91E-03	4.40E-06	2.47E+00	0.00E+00	2.33E+01	-9.17E-07	2.33E+01	2.48E+01	2.47E+00	0.00E+00	0.00E+00	0.00E+00	5.19E+02
	C-KRK135KW	1.61E-02	3.14E+00	6.08E-01	1.91E+00	0.00E+00	0.00E+00	2.33E+01	4.59E-05	9.21E-03	1.78E-02	0.00E+00	-6.11E-03	3.97E-09	1.12E-07	1.15E-01	4.06E+00	7.21E-06	0.00E+00	1.53E+01	7.54E-02	2.33E+01	0.00E+00	1.65E-07	8.41E-08	4.91E-03	4.40E-06	2.47E+00	0.00E+00	2.33E+01	-9.17E-07	2.33E+01	2.48E+01	2.47E+00	0.00E+00	0.00E+00	0.00E+00	5.19E+02
	C-KRK160K	1.68E-02	3.24E+00	2.67E-01	2.39E+00	0.00E+00	0.00E+00	4.38E+01	7.78E-05	9.27E-03	2.32E-02	0.00E+00	-2.25E-03	3.97E-09	1.18E-07	1.41E-01	5.44E+00	7.21E-06	0.00E+00	2.20E+01	2.57E-02	3.49E+01	0.00E+00	2.15E-07	1.22E-07	6.00E-03	2.48E-06	3.96E+00	0.00E+00	3.49E+01	1.98E-06	3.49E+01	3.74E+01	3.96E+00	0.00E+00	0.00E+00	0.00E+00	7.62E+02
	C-KRK160KW	1.68E-02	3.24E+00	2.67E-01	2.39E+00	0.00E+00	0.00E+00	4.38E+01	7.78E-05	9.27E-03	2.32E-02	0.00E+00	-2.25E-03	3.97E-09	1.18E-07	1.41E-01	5.44E+00	7.21E-06	0.00E+00	2.20E+01	2.57E-02	3.49E+01	0.00E+00	2.15E-07	1.22E-07	6.00E-03	2.48E-06	3.96E+00	0.00E+00	3.49E+01	1.98E-06	3.49E+01	3.74E+01	3.96E+00	0.00E+00	0.00E+00	0.00E+00	7.62E+02
	C-KRK200	1.67E-02	3.23E+00	3.12E-01	2.33E+00	0.00E+00	0.00E+00	4.05E+01	7.24E-05	9.27E-03	2.26E-02	0.00E+00	-2.25E-03	3.97E-09	1.20E-07	1.39E-01	5.35E+00	7.21E-06	0.00E+00	2.11E+01	2.57E-02	3.27E+01	0.00E+00	2.13E-07	1.18E-07	5.89E-03	3.30E-06	3.75E+00	0.00E+00	3.27E+01	1.90E-06	3.27E+01	3.59E+01	3.75E+00	0.00E+00	0.00E+00	0.00E+00	7.31E+02
	C-KRK200W	1.67E-02	3.23E+00	3.12E-01	2.33E+00	0.00E+00	0.00E+00	4.05E+01	7.24E-05	9.27E-03	2.26E-02	0.00E+00	-2.25E-03	3.97E-09	1.20E-07	1.39E-01	5.35E+00	7.21E-06	0.00E+00	2.11E+01	2.57E-02	3.27E+01	0.00E+00	2.13E-07	1.18E-07	5.89E-03	3.30E-06	3.75E+00	0.00E+00	3.27E+01	1.90E-06	3.27E+01	3.59E+01	3.75E+00	0.00E+00	0.00E+00	0.00E+00	7.31E+02
	C-MP10020	1.56E-01	3.24E+01	1.69E+00	3.12E+01	0.00E+00	0.00E+00	4.95E+02	9.60E-04	2.94E-02	3.01E-01	0.00E+00	-5.59E-03	5.56E-08	1.05E-06	2.63E+00	8.88E+01	0.00E+00	0.00E+00	3.38E+02	8.98E-02	5.37E+02	0.00E+00	3.87E-06	1.73E-06	8.88E-02	7.38E-05	5.78E+01	0.00E+00	5.37E+02	1.22E-04	5.37E+02	5.99E+02	5.78E+01	0.00E+00	0.00E+00	0.00E+00	1.07E+04
	C-MP12020	1.71E-01	3.63E+01	1.82E+00	3.39E+01	0.00E+00	0.00E+00	5.79E+02	1.06E-03	3.35E-02	3.51E-01	0.00E+00	-6.43E-03	6.81E-08	1.12E-06	3.01E+00	9.87E+01	0.00E+00	0.00E+00	3.69E+02	9.46E-02	5.78E+02	0.00E+00	4.03E-06	1.93E-06	1.01E-01	7.62E-06	6.33E+01	0.00E+00	5.78E+02	1.29E-04	5.78E+02	6.05E+02	6.33E+01	0.00E+00	0.00E+00	0.00E+00	1.10E+04
	C-MP6020	1.22E-01	2.42E+01	1.43E+00	2.41E+01	0.00E+00	0.00E+00	3.77E+02	7.44E-04	2.31E-02	2.48E-01	0.00E+00	-4.47E-03	4.46E-08	8.10E-07	2.03E+00	7.07E+01	0.00E+00	0.00E+00	2.69E+02	7.54E-02	4.11E+02	0.00E+00	2.80E-06	1.33E-06	6.73E-02	5.91E-06	4.37E+01	0.00E+00	4.11E+02	9.14E-05	4.11E+02	4.49E+02	4.37E+01	0.00E+00	0.00E+00	0.00E+00	8.52E+03
	C-MP8020	1.31E-01	2.69E+01	1.47E+00	2.62E+01	0.00E+00	0.00E+00	4.15E+02	8.18E-04	2.53E-02	2.84E-01	0.00E+00	-4.92E-03	5.59E-08	8.93E-07	2.22E+00	7.83E+01	0.00E+00	0.00E+00	2.91E+02	8.01E-02	4.53E+02	0.00E+00	3.20E-06	1.47E-06	7.56E-02	6.54E-06	4.88E+01	0.00E+00	4.53E+02	1.00E-04	4.53E+02	4.94E+02	4.88E+01	0.00E+00	0.00E+00	0.00E+00	9.85E+03
	C-NIV	1.20E-02	8.14E-01	8.46E-02	3.50E-01	0.00E+00	0.00E+00	2.13E+00	3.50E-06	9.04E-03	8.56E-03	0.00E+00	-1.02E-02	9.49E-10	9.50E-08	4.65E-02	4.55E-01	3.28E-07	0.00E+00	4.12E+00	1.22E-01	3.58E+00	0.00E+00	1.83E-09	8.78E-09	1.29E-03	3.65E-06	1.09E+00	0.00E+00	3.58E+00	1.91E-07	3.58E+00	3.19E+00	1.09E+00	0.00E+00	0.00E+00	0.00E+00	5.78E+01
	C-PHKRK	3.32E-02	1.09E+00	8.97E-02	1.02E+00	0.00E+00	0.00E+00	1.48E+01	2.58E-05	2.44E-02	1.30E-02	0.00E+00	-1.52E-04	1.99E-09	2.63E-07	6.68E-02	3.27E+00	0.00E+00	0.00E+00	1.23E+01	2.15E-03	1.57E+01	0.00E+00	1.16E-07	6.76E-08	4.47E-03	1.72E-07	2.18E+00	0.00E+00	1.57E+01	1.39E-06	1.57E+01	1.78E+01	2.16E+00	0.00E+00	0.00E+00	0.00E+00	4.04E+02
	C-QTUN110	2.81E-03	1.08E+00	5.35E-02	7.78E-01	0.00E+00	0.00E+00	9.39E+00	1.79E-05	7.27E-04	1.28E-02	0.00E+00	-1.36E-03	1.47E-09	2.94E-08	8.15E-02	1.59E+00	3.28E-07	0.00E+00	8.36E+00	1.83E-02	1.10E+01	0.00E+00	7.40E-08	3.14E-08	2.39E-03	5.80E-07	1.79E+00	0.00E+00	1.10E+01	1.63E-06	1.10E+01	1.10E+01	1.79E+00	0.00E+00	0.00E+00	0.00E+00	2.13E+02
	C-QTUN135	3.02E-03	1.12E+00	5.84E-02	7.95E-01	0.00E+00	0.00E+00	9.90E+00	1.91E-05	7.78E-04	1.32E-02	0.00E+00	-1.33E-03	1.67E-09	3.10E-08	8.60E-02	1.73E+00	3.28E-07	0.00E+00	8.84E+00	1.58E-02	1.17E+01	0.00E+00	7.85E-08	3.37E-08	2.48E-03	4.24E-07	1.88E+00	0.00E+00	1.17E+01	1.96E-06	1.17E+01	1.20E+01	1.88E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+02
	C-QTUN160	4.00E-03	1.31E+00	6.78E-02	1.00E+00	0.00E+00	0.00E+00	1.28E+01	2.62E-05	9.03E-04	1.56E-02	0.00E+00	-1.63E-03	1.97E-09	3.74E-08	1.04E-01	2.73E+00	3.28E-07	0.00E+00	1.16E+01	1.98E-02	1.50E+01	0.00E+00	1.01E-07	4.88E-08	3.44E-03	4.52E-07	2.42E+00	0.00E+00	1.50E+01	2.54E-06	1.50E+01	1.54E+01	2.42E+00	0.00E+00	0.00E+00	0.00E+00	3.46E+02
	C-QTUN60	1.77E-03	6.11E-01	2.90E-02	4.65E-01	0.00E+00	0.00E+00	4.43E+00	8.73E-06	6.43E-04	5.56E-03	0.00E+00	-3.05E-02	7.86E-10	1.35E-08	2.67E-02	8.68E-01	0.00E+00	0.00E+00	3.05E+00	4.02E-01	5.85E+00	0.00E+00	3.50E-08	1.56E-08	1.64E-03	8.08E-06	5.22E-01	0.00E+00	5.85E+00	8.45E-07	5.85E+00	5.33E+00	5.22E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
	C-QTUN85	2.05E-03	8.84E-01	4.87E-02	5.95E-01	0.00E+00	0.00E+00	6.39E+00	1.27E-05	5.75E-04	1.13E-02	0.00E+00	-2.87E-03	1.14E-09	2.29E-08	6.83E-02	1.14E+00	0.00E+00	0.00E+00	6.64E+00	2.28E-02	8.13E+00	0.00E+00	5.11E-08	2.29E-08	1.94E-03	2.37E-07	1.52E+00	0.00E+00	8.13E+00	1.16E-06	8.13E+00	7.51E+00	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.98E+02
	C-R1002720	3.35E-01	7.44E+01	4.07E+00	6.95E+01	0.00E+00	0.00E+00	1.02E+03	2.07E-03	6.35E-02	7.05E-01	0.00E+00	-7.39E-02	1.36E-07	2.23E-06	5.47E+00	1.83E+02	0.00E+00	0.00E+00	7.13E+02	1.01E+00	1.12E+03	0.00E+00	8.33E-06	3.75E-06	1.96E-01	3.26E-05	1.22E+02	0.00E+00	1.12E+03	2.68E-04	1.12E+03	1.26E+03	1.22E+02	0.00E+00	0.00E+00	0.00E+00	2.56E+04
	C-R1002720T	2.20E-01	4.95E+01	2.76E+00	4.49E+01	0.00E+00	0.00E+00	7.46E+02	1.41E-03	4.72E-02	5.13E-01	0.00E+00	-3.57E-02	8.38E-08	1.43E-06	3.72E+00	1.30E+02	0.00E+00	0.00E+00	5.08E+02	4.67E-01	7.48E+02	0.00E+00	5.57E-06	2.54E-06	1.35E-01	1.71E-05	8.45E+01	0.00E+00	7.48E+02	1.77E-04	7.48E+02	8.16E+02	8.45E+01	0.00E+00	0.00E+00	0.00E+00	1.57E+04
	C-R1002720W	3.35E-01	7.44E+01	4

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M-DBLA4030	2.68E-03	6.62E-01	6.79E-02	5.86E-01	0.00E+00	0.00E+00	1.09E+01	2.04E-05	5.15E-04	5.57E-03	0.00E+00	-1.33E-03	1.43E-09	2.22E-08	4.69E-02	1.78E+00	0.00E+00	0.00E+00	6.93E+00	1.86E-02	9.31E+00	0.00E+00	7.04E-08	2.94E-08	1.54E-03	6.39E-07	1.36E+00	0.00E+00	9.31E+00	1.32E-06	9.31E+00	1.10E+01	1.36E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+02
M-DBLA4040	3.03E-03	7.10E-01	6.99E-02	5.92E-01	0.00E+00	0.00E+00	1.24E+01	2.28E-05	5.68E-04	6.02E-03	0.00E+00	-1.32E-03	2.07E-09	2.82E-08	5.24E-02	1.93E+00	0.00E+00	0.00E+00	7.64E+00	1.68E-02	1.02E+01	0.00E+00	7.43E-08	3.16E-08	1.65E-03	4.37E-07	1.46E+00	0.00E+00	1.02E+01	1.73E-06	1.02E+01	1.17E+01	1.49E+00	0.00E+00	0.00E+00	0.00E+00	2.74E+02
M-DBLA4050	5.06E-03	1.07E+00	8.33E-02	1.00E+00	0.00E+00	0.00E+00	1.53E+01	3.10E-05	9.36E-04	1.05E-02	0.00E+00	-1.26E-03	2.58E-09	3.22E-08	8.28E-02	2.95E+00	0.00E+00	0.00E+00	1.12E+01	1.47E-02	1.78E+01	0.00E+00	1.31E-07	6.02E-08	2.99E-03	3.97E-07	1.98E+00	0.00E+00	1.78E+01	3.47E-06	1.78E+01	1.97E+01	1.98E+00	0.00E+00	0.00E+00	0.00E+00	4.30E+02
M-DBLA4060	6.81E-03	1.63E+00	8.58E-02	1.50E+00	0.00E+00	0.00E+00	1.81E+01	3.98E-05	1.34E-03	1.54E-02	0.00E+00	-1.26E-03	3.43E-09	3.91E-08	1.02E-01	3.54E+00	0.00E+00	0.00E+00	1.46E+01	1.44E-02	2.18E+01	0.00E+00	1.60E-07	7.23E-08	4.12E-03	4.19E-07	2.35E+00	0.00E+00	2.18E+01	5.79E-06	2.18E+01	2.38E+01	2.35E+00	0.00E+00	0.00E+00	0.00E+00	5.39E+02
M-DBLA4080	7.35E-03	2.18E+00	2.55E-01	1.75E+00	0.00E+00	0.00E+00	2.29E+01	4.58E-05	1.38E-03	1.61E-02	0.00E+00	-2.02E-03	4.56E-09	4.98E-08	1.21E-01	4.11E+00	0.00E+00	0.00E+00	1.66E+01	1.66E-02	2.48E+01	0.00E+00	1.79E-07	8.10E-08	4.40E-03	9.81E-07	2.60E+00	0.00E+00	2.48E+01	6.38E-06	2.48E+01	2.66E+01	2.60E+00	0.00E+00	0.00E+00	0.00E+00	6.13E+02
M-DBLA4090	7.71E-03	2.51E+00	2.80E-01	1.90E+00	0.00E+00	0.00E+00	2.35E+01	4.69E-05	1.46E-03	1.66E-02	0.00E+00	-2.02E-03	4.82E-09	5.11E-08	1.25E-01	4.24E+00	0.00E+00	0.00E+00	1.73E+01	1.66E-02	2.59E+01	0.00E+00	1.85E-07	8.38E-08	4.56E-03	9.71E-07	2.68E+00	0.00E+00	2.59E+01	3.76E-06	2.59E+01	2.71E+01	2.68E+00	0.00E+00	0.00E+00	0.00E+00	6.36E+02
M-DBLA4560	6.73E-03	1.67E+00	1.47E-01	1.52E+00	0.00E+00	0.00E+00	2.10E+01	4.33E-05	1.34E-03	1.54E-02	0.00E+00	-1.28E-03	4.13E-09	4.67E-08	1.13E-01	3.81E+00	0.00E+00	0.00E+00	1.54E+01	1.69E-02	2.28E+01	0.00E+00	1.67E-07	7.35E-08	4.12E-03	4.19E-07	2.40E+00	0.00E+00	2.28E+01	5.52E-06	2.28E+01	2.48E+01	2.40E+00	0.00E+00	0.00E+00	0.00E+00	5.63E+02
M-DBLA4580	6.92E-03	2.51E+00	3.34E-01	1.88E+00	0.00E+00	0.00E+00	2.30E+01	4.61E-05	1.41E-03	1.64E-02	0.00E+00	-2.02E-03	4.77E-09	5.05E-08	1.18E-01	4.06E+00	0.00E+00	0.00E+00	1.74E+01	1.66E-02	2.33E+01	0.00E+00	1.65E-07	7.74E-08	4.30E-03	1.28E-06	2.64E+00	0.00E+00	2.33E+01	1.95E-06	2.33E+01	2.49E+01	2.64E+00	0.00E+00	0.00E+00	0.00E+00	6.32E+02
M-DBLA5030	3.38E-03	7.73E-01	7.12E-02	6.15E-01	0.00E+00	0.00E+00	1.28E+01	2.39E-05	6.06E-04	6.39E-03	0.00E+00	-1.40E-03	1.95E-09	2.88E-08	5.55E-02	2.12E+00	0.00E+00	0.00E+00	7.94E+00	1.67E-02	1.09E+01	0.00E+00	7.87E-08	3.50E-08	1.80E-03	4.03E-07	1.50E+00	0.00E+00	1.09E+01	1.95E-06	1.09E+01	1.23E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	2.79E+02
M-DBLA5040	5.02E-03	1.04E+00	6.99E-02	9.95E-01	0.00E+00	0.00E+00	1.54E+01	3.06E-05	9.26E-04	1.06E-02	0.00E+00	-1.15E-03	2.55E-09	3.21E-08	8.04E-02	2.92E+00	0.00E+00	0.00E+00	1.11E+01	1.41E-02	1.66E+01	0.00E+00	1.23E-07	5.83E-08	3.06E-03	3.93E-07	1.97E+00	0.00E+00	1.66E+01	3.25E-06	1.66E+01	1.85E+01	1.97E+00	0.00E+00	0.00E+00	0.00E+00	4.28E+02
M-DBLA5050	7.14E-03	1.63E+00	9.12E-02	1.51E+00	0.00E+00	0.00E+00	1.85E+01	4.04E-05	1.39E-03	1.54E-02	0.00E+00	-1.26E-03	3.43E-09	4.01E-08	1.07E-01	3.68E+00	0.00E+00	0.00E+00	1.47E+01	1.48E-02	2.35E+01	0.00E+00	1.74E-07	7.67E-08	4.23E-03	4.16E-07	2.42E+00	0.00E+00	2.35E+01	6.15E-06	2.35E+01	2.57E+01	2.42E+00	0.00E+00	0.00E+00	0.00E+00	5.42E+02
M-DBLA5060	7.36E-03	2.06E+00	1.58E-01	1.72E+00	0.00E+00	0.00E+00	2.28E+01	4.56E-05	1.38E-03	1.61E-02	0.00E+00	-1.23E-03	4.45E-09	4.89E-08	1.21E-01	4.09E+00	0.00E+00	0.00E+00	1.61E+01	1.63E-02	2.48E+01	0.00E+00	1.81E-07	8.12E-08	4.41E-03	4.43E-07	2.57E+00	0.00E+00	2.48E+01	6.55E-06	2.48E+01	2.69E+01	2.57E+00	0.00E+00	0.00E+00	0.00E+00	5.98E+02
M-DBLA5080	7.70E-03	2.75E+00	3.20E-01	1.96E+00	0.00E+00	0.00E+00	2.36E+01	4.76E-05	1.48E-03	1.72E-02	0.00E+00	-2.49E-03	4.73E-09	5.15E-08	1.28E-01	4.34E+00	0.00E+00	0.00E+00	1.77E+01	1.91E-02	2.64E+01	0.00E+00	1.84E-07	8.55E-08	4.71E-03	1.49E-06	2.69E+00	0.00E+00	2.64E+01	3.12E-06	2.64E+01	2.79E+01	2.69E+00	0.00E+00	0.00E+00	0.00E+00	6.42E+02
M-DBLA60100	2.33E-02	5.01E+00	2.55E-01	4.60E+00	0.00E+00	0.00E+00	6.62E+01	1.30E-04	4.26E-03	4.72E-02	0.00E+00	-4.09E-04	1.19E-08	1.46E-07	3.42E-01	1.17E+01	0.00E+00	0.00E+00	4.51E+01	5.70E-03	7.67E+01	0.00E+00	5.59E-07	2.52E-07	1.33E-02	5.84E-07	7.51E+00	0.00E+00	7.67E+01	2.12E-05	7.67E+01	8.65E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	1.66E+03
M-DBLA6030	4.16E-03	9.26E-01	7.34E-02	9.03E-01	0.00E+00	0.00E+00	1.45E+01	2.69E-05	7.69E-04	9.74E-03	0.00E+00	-1.15E-03	2.32E-09	3.16E-08	7.74E-02	3.11E+00	0.00E+00	0.00E+00	1.01E+01	1.48E-02	1.51E+01	0.00E+00	1.10E-07	5.18E-08	2.93E-03	4.03E-07	1.84E+00	0.00E+00	1.51E+01	2.69E-06	1.51E+01	1.70E+01	1.84E+00	0.00E+00	0.00E+00	0.00E+00	3.82E+02
M-DBLA6040	5.13E-03	1.33E+00	5.85E-02	1.22E+00	0.00E+00	0.00E+00	1.44E+01	2.98E-05	9.16E-04	1.16E-02	0.00E+00	-4.46E-05	2.53E-09	3.09E-08	7.88E-02	2.81E+00	0.00E+00	0.00E+00	1.01E+01	1.13E-03	1.72E+01	0.00E+00	1.29E-07	6.26E-08	2.84E-03	2.75E-07	1.75E+00	0.00E+00	1.72E+01	3.77E-06	1.72E+01	1.93E+01	1.75E+00	0.00E+00	0.00E+00	0.00E+00	3.67E+02
M-DBLA6050	8.15E-03	2.14E+00	2.73E-01	1.73E+00	0.00E+00	0.00E+00	2.36E+01	4.79E-05	1.47E-03	1.63E-02	0.00E+00	-2.02E-03	4.50E-09	5.10E-08	1.29E-01	4.45E+00	0.00E+00	0.00E+00	1.73E+01	1.66E-02	2.78E+01	0.00E+00	2.12E-07	9.17E-08	4.69E-03	1.23E-06	2.88E+00	0.00E+00	2.78E+01	7.15E-06	2.78E+01	3.11E+01	2.88E+00	0.00E+00	0.00E+00	0.00E+00	6.36E+02
M-DBLA6060	7.76E-03	2.52E+00	2.81E-01	1.90E+00	0.00E+00	0.00E+00	2.36E+01	4.70E-05	1.48E-03	1.67E-02	0.00E+00	-1.70E-03	4.76E-09	5.15E-08	1.26E-01	4.26E+00	0.00E+00	0.00E+00	1.74E+01	1.35E-02	2.60E+01	0.00E+00	1.86E-07	8.41E-08	4.58E-03	1.03E-06	2.66E+00	0.00E+00	2.60E+01	3.11E-07	2.60E+01	2.73E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	6.31E+02
M-DBLA6080	9.25E-03	3.14E+00	2.31E-01	2.52E+00	0.00E+00	0.00E+00	4.51E+01	8.46E-05	2.31E-03	2.37E-02	0.00E+00	-4.09E-04	4.82E-09	7.29E-08	1.58E-01	5.85E+00	0.00E+00	0.00E+00	2.42E+01	5.59E-03	3.85E+01	0.00E+00	2.53E-07	1.31E-07	6.46E-03	5.27E-07	4.24E+00	0.00E+00	3.85E+01	5.34E-06	3.85E+01	4.13E+01	4.24E+00	0.00E+00	0.00E+00	0.00E+00	8.59E+02
M-DBLA6090	2.15E-02	4.68E+00	2.31E-01	4.42E+00	0.00E+00	0.00E+00	4.69E+01	1.01E-04	3.93E-03	4.60E-02	0.00E+00	-4.09E-04	1.13E-08	8.14E-08	3.10E-01	1.08E+01	0.00E+00	0.00E+00	3.19E+01	5.61E-03	7.44E+01	0.00E+00	5.52E-07	2.42E-07	1.27E-02	5.36E-07	8.00E+00	0.00E+00	7.44E+01	1.98E-05	7.44E+01	8.26E+01	8.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+03
M-DBLA7030	5.06E-03	1.07E+00	8.38E-02	1.00E+00	0.00E+00	0.00E+00	1.53E+01	3.10E-05	9.36E-04	1.05E-02	0.00E+00	-1.26E-03	2.58E-09	3.22E-08	8.28E-02	2.95E+00	0.00E+00	0.00E+00	1.12E+01	1.47E-02	1.78E+01	0.00E+00	1.31E-07	6.02E-08	2.99E-03	3.97E-07	1.98E+00	0.00E+00	1.78E+01	3.47E-06	1.78E+01	1.97E+01	1.98E+00	0.00E+00	0.00E+00	0.00E+00	4.30E+02
M-DBLA7040	5.93E-03	1.29E+00	8.66E-02	1.13E+00	0.00E+00	0.00E+00	1.55E+01	3.09E-05	1.09E-03	1.14E-02	0.00E+00	-1.22E-03	2.77E-09	3.45E-08	7.68E-02	2.85E+00	0.00E+00	0.00E+00	1.15E+01	1.47E-02	1.69E+01	0.00E+00	1.27E-07	6.43E-08	3.34E-03	3.84E-07	2.01E+00	0.00E+00	1.69E+01	3.13E-06	1.69E+01	1.83E+01	2.01E+00	0.00E+00	0.00E+00	0.00E+00	4.35E+02
M-DBLA7050	6.18E-03	2.05E+00	1.55E-01	1.74E+00	0.00E+00	0.00E+00	2.37E+01	4.77E-05	1.48E-03	1.63E-02	0.00E+00	-1.23E-03	4.49E-09	5.11E-08	1.29E-01	4.43E+00	0.00E+00	0.00E+00	1.72E+01	1.68E-02	2.76E+01	0.00E+00	2.10E-07	9.18E-08	4.70E-03	4.34E-07	2.88E+00	0.00E+00	2.76E+01	7.31E-06	2.76E+01	3.06E+01	2.88E+00	0.00E+00	0.00E+00	0.00E+00	6.31E+02
M-DBLA7060	7.71E-03	2.52E+00	2.79E-01	1.91E+00	0.00E+00	0.00E+00	2.35E+01	4.68E-05	1.47E-03	1.66E-02	0.00E+00	-2.02E-03	4.72E-09	5.11E-08	1.25E-01	4.26E+00	0.00E+00	0.00E+00	1.74E+01	1.66E-02	2.58E+01	0.00E+00	1.85E-07	8.37E-08	4.56E-03	9.01E-07	2.66E+00	0.00E+00	2.58E+01	3.85E-06	2.58E+01	2.72E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	6.33E+02
M-DBLA7080	9.25E-03	3.14E+00	2.33E-01	2.52E+00	0.00E+00	0.00E+00	4.58E+01	8.50E-05	2.60E-03	2.37E-02	0.00E+00	-4.09E-04	4.82E-09	7.34E-08	1.58E-01	5.85E+00	0.00E+00	0.00E+00	2.42E+01	5.61E-03	3.85E+01	0.00E+00	2.53E-07	1.31E-07	6.46E-03	5.35E-07	4.24E+00	0.00E+00	3.85E+01	5.34E-06	3.85E+01	4.13E+01	4.24E+00	0.00E+00	0.00E+00	0.00E+00	8.59E+02
M-DBLA80100	2.84E-02	5.72E+00	3.07E-01	5.36E+00	0.00E+00	0.00E+00	7.42E+01	1.53E-04	5.16E-03	5.67E-02	0.00E+00	-4.09E-04	1.22E-08	1.61E-07	4.21E-01	1.44E+01	0.00E+00	0.00E+00	5.22E+01	6.20E-03	8.98E+01	0.00E+00	6.76E-07	3.04E-07	1.65E-02	8.02E-07	8.72E+00	0.00E+00	8.98E+01	2.48E-05	8.98E+01	1.01E+02	8.72E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+03
M-DBLA8030	6.67E-03	1.31E+00	8.11E-02	1.14E+00	0.00E+00	0.00E+00	1.60E+01	3.10E-05	1.27E-03	1.32E-02	0.00E+00	-1.11E-03	2.64E-09	3.61E-08	8.18E-02	3.27E+00	0.00E+00	0.00E+00	1.17E+01	1.23E-02	2.03E+01	0.00E+00	1.59E-07	6.90E-08	3.69E-03	3.85E-07	2.09E+00	0.00E+00	2.03E+01	4.09E-06	2.03E+01	2.28E+01	2.09E+00	0.00E+00	0.00E+00	0.00E+00	4.48E+02
M-DBLA8040	7.71E-03	1.40E+00	8.29E-02	1.30E+00	0.00E+00	0.00E+00	1.98E+01	4.40E-05	1.46E-03	1.53E-02	0.00E+00	-1.07E-03	3.08E-09	4.22E-08	1.22E-01	4.05E+00	0.00E+00	0.00E+00	1.51E+01	1.24E-02	2.55E+01	0.00E+00	1.93E-07	8.32E-08	4.25E-03	4.11E-07	2.51E+00	0.00E+00	2.55E+01	4.68E-06	2.55E+01	2.87E+01	2.51E+00	0.00E+00	0.00E+00	0.00E+00	5.64E+02
M-DBLA8050	9.18E-03	2.16E+00	1.53E-01	1.90E+00	0.00E+00	0.00E+00	2.79E+01	5.56E-05	1.74E-03	1.94E-02	0.00E+00	-2.61E-04	4.78E-09	5.82E-08	1.49E-01	4.97E+00	0.00E+00	0.00E+00	1.91E+01	3.03E-03	3.13E+01	0.00E+00	2.32E-07	1.00E-07	5.33E-03	6.55E-07	3.20E+00	0.00E+00	3.13E+01	8.29E-06	3.13E+01	3.55E+01	3.20E+00	0.00E+00	0.00E+00	0.00E+00	6.80E+02
M-DBLA8060	8.44E-03	2.82E+00	3.25E-01	2.09E+00	0.00E+00	0.00E+00	2.39E+01	4.67E-05	1.70E-03	1.78E-02	0.00E+00	-2.49E-03	4.83E-09	5.38E-08	1.25E-01	4.22E+00	0.00E+00	0.00E+00	1.78E+01	2.13E-02	2.68E+01	0.00E+00	1.97E-07	9.17E-08	5.26E-03	1.53E-06	2.68E+00	0.00E+00	2.68E+01	3.25E-06	2.68E+01	2.79E+01	2.68E+00	0.00E+00	0.00E+00	0.00E+00	6.36E+02
M-DBLA8080	2.18E-02	4.69E+00	2.57E-01	4.47E+00	0.00E+00	0.00E+00	5.48E+01	1.18E-04	3.97E-03	4.65E-02	0.00E+00	-4.09E-04	1.19E-08	1.05E-07	3.29E-01	1.12E+01	0.00E+00	0.00E+00	4.02E+01	5.97E-03	7.55E+01	0.00E+00	5.56E-07	2.46E-07	1.30E-02	5.57E-07	6.86E+00	0.00E+00	7.55E+01	2.09E-05	7.55E+01	8.31E+01	6.86E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+03
M-DBLA8090	2.81E-02	5.15E+00	2.66E-01	4.66E+00	0.00E+00	0.00E+00	6.70E+01	1.32E-04	4.38E-03	4.79E-02	0.00E+00	-4.09E-04	1.20E-08	1.47E-07	3.72E-01	1.28E+01	0.00E+00	0.00E+00	4.57E+01	6.09E-03	7.72E+01	0.00E+00	5.66E-07	2.55E-07	1.36E-02	6.52E-07	7.53E+00	0.00E+00	7.72E+01	2.18E-05	7.72E+01	8.79E+01	7.53E+00	0.00E+00	0.00E+00	0.00E+00	1.68E+03
M-DBLA8530	7.30E-03	1.30E+00	8.49E-02	1.18E+00	0.00E+00	0.00E+00	1.95E+01	4.36E-05	1.38E-03	1.38E-02	0.00E+00	-1.11E-03	3.02E-09	4.18E-08	1.17E-01	3.92E+00	0.00E+00	0.00E+00	1.51E+01	1.24E-02	2.44E+01	0.00E+00	1.86E-07	7.88E-08	3.91E-03	4.14E-07	2.51E+00	0.00E+00	2.44E+01	4.09E-06	2.44E+01	2.80E+01	2.51E+00	0.00E+00	0.00E+00	0.00E+00	5.57E+02
M-DBLA8540	8.09E-03	1.66E+00	7.92E-02	1.61E+00	0.00E+00	0.00E+00	2.34E+01	4.75E-05	1.56E-03	1.81E-02	0.00E+00	-5.10E-04	4.23E-09	5.08E-08	1.28E-01	4.27E+00	0.00E+00	0.00E+00	1.63E+01	5.95E-03	2.70E+01	0.00E+00	2.03E-07	8.70E-08	4.78E-03	4.03E-07	2.67E+00	0.00E+00	2.70E+01	6.69E-06	2.70E+01	3.02E+01	2.67E+00	0.00E+00	0.00E+00	0.00E+00	5.98E+02
M-DBLA8550	9.15E-03	2.26E+00	1.70E-01	1.91E+00	0.00E+00	0.00E+00	2.75E+01	5.49E-05	1.73E-03	1.94E-02	0.00E+00	-2.61E-04	4.73E-09	5.82E-08	1.47E-01	4.96E+00	0.00E+00	0.00E+00	1.90E+01	3.03E-03	3.11E+01	0.00E+00	2.32E-07	9.97E-08	5.29E-03	5.96E-07	3.16E+00	0.00E+00	3.11E+01	6.97E-06	3.11E+01	3.49E+01	3.16E+00	0.00E+00	0.00E+00	0.00E+00	6.86E+02
M-DBLA8560	8.45E-03	3.00E+00	3.59E-01	2.10E+00	0.00E+00	0.00E+00	2.39E+01	4.67E-05	1.71E-03	1.78E-02	0.00E+00	-2.59E-03	4.82E-09	5.38E-08	1.23E-01	4.22E+00	0.00E+00	0.00E+00	1.75E+01	2.13E-02	2.66E+01	0.00E+00	1.97E-07	9.11E-08	5.21E-03	2.01E-06	2.66E+00	0.00E+00	2.66E+01	3.21E-06	2.66E+01	2.76E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	6.34E+02
M-DBLA8580	2.31E-02	5.01E+00	2.57E-01	4.60E+00	0.00E+00	0.00E+00	6.06E+01	1.27E-04	4.24E-03	4.71E-02	0.00E+00	-4.09E-04	1.19E-08	1.22E-07	3.40E-01	1.16E+01	0.00E+00	0.00E+00	4.32E+01	6.01E-03	7.67E+01	0.00E+00	5.58E-07	2.52E-07	1.33E-02	5.68E-07	7.24E+00	0.00E+00	7.67E+01	2.13E-05	7.67E+01	8.66E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+03
M-DBLA90100	3.55E-02	6.85E+00	3.67E-01	6.77E+00	0.00E+00	0.00E+00	7.82E+01	1.78E-04	6.46E-03	7.43E-02	0.00E+00	-4.09E-04	1.36E-08	1.75E-07	4.83E-01	1.64E+01	0.00E+00	0.00E+00	5.88E+01	6.37E-03	1.13E+02	0.00E+00	8.44E-07	3.91E-07	2.13E-02	1.09E-06	1.01E+01	0.00E+00	1.13E+02	2.72E-05	1.13E+02	1.21E+02	1.01E+01	0.00E+00	0.00E+00	0.00E+00	2.06E+03
M-DBLA9030	7.68E-03	1.63E+00	8.70E-02	1.59E+00	0.00E+00	0.00E+00	2.07E+01	4.51E-05	1.52E-03	1.78E-02	0.00E+00	-1.11E-03	3.53E-09	4.30E-08	1.19E-01	4.00E+00	0.00E+00	0.00E+00	1.58E+01	1.24E-02	2.56E+01	0.00E+00	1.91E-07	8.20E-08	4.57E-03	4.22E-07	2.60E+00	0.00E+00	2.56E+01	6.39E-06	2.56E+01	2.86E+01	2.60E+00	0.00E+00	0.00E+00	0.00E+00	5.80E+02
M-DBLA9040	8.18E-03	1.66E+00	9.20E-02	1.63E+00	0.00E+00	0.00E+00	2.37E+01	4.79E-05	1.58E-03	1.84E-02	0.00E+00	-3.33E-04	4.30E-09	5.15E-08	1.29E-01	4.32E+00	0.00E+00	0.00E+00	1.64E+01	3.89E-03	2.73E+01	0.00E+00	2.06E-07	8.85E-08	4.81E-03	4.16E-07	2.66E+00	0.00E+00	2.73E+01	6.95E-06	2.73E+01	3.05E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	6.02E+02
M-DBLA9050	9.81E-03	2.51E+00	1.80E-01	2.08E+00	0.00E+00	0.00E+00	2.89E+01	5.77E-05	1.83E-03	2.01E-02	0.00E+00	-2.61E-04	4.97E-09	6.11E-08	1.56E-01	5.29E+00	0.00E+00	0.00E+00	2.01E+01	3.06E-03	3.31E+01	0.00E+00	2.54E-07	1.07E-07	5.63E-03	6.21E-07	3.31E+00	0.00E+00	3.31E+01	6.06E-06	3.31E+01	3.79E+01	3.31E+00	0.00E+00	0.00E+00	0.00E+00	7.19E+02
M-DBLA9060	8.66E-03	3.05E+00	3.18E-01	2.22E+00	0.00E+00	0.00E+00	3.23E+01	6.11E-05	1.71E-03	1.97E-02	0.00E+00	-1.50E-03	4.82E-09	6.06E-08	1.32E-01	4.80E+00	0.00E+00	0.00E+00	2.00E+01	5.78E-03	2.99E+01	0.00E+00	2.16E-07	1.06E-07	5.58E-03	1.67E-06	3.32E+00	0.00E+00	2.99E+01	4.38E-06	2.99E+01	3.20E+01	3.32E+00	0.00E+00	0.00E+00	0.00E+00	7.05E+02
M-DBLA9080	2.60E-02	5.19E+00	2.66E-01	4.62E+00	0.00E+00	0.00E+00	6.76E+01	1.32E-04	4.51E-03	4.99E-02	0.00E+00	-4.09E-04	1.20E-08	1.50E-07	3.77E-01	1.29E+01	0.00E+00	0.00E+00	4.59E+01	6.09E-03	8.03E+01	0.00E+00	6.03E-07	2.67E-07	1.43E-02	6.52E-07	7.54E+00	0.00E+00	8.03E+01	2.21E-05	8.03E+01	8.99E+01	7.54E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+03
M-DBLA9090	2.84E-02	5.72E+00	3.07E-01	5.36E+00	0.00E+00	0.00E+00	7.42E+01	1.53E-04	5.16E-03	5.67E-02	0.00E+00	-4.09E-04	1.22E-08	1.61E-07	4.21E-01	1.44E+01	0.00E+00	0.00E+00	5.22E+01	6.20E-03	8.98E+01	0.00E+00	6.76E-07	3.04E-07	1.65E-02	8.02E-07	8.72E+00	0.00E+00	8.98E+01	2.48E-05	8.98E+01	1.01E+02	8.72E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+03
M-DBLAG10030	6.71E-03	1.63E+00	8.66E-02	1.50E+00	0.00E+00	0.00E+00	1.77E+01	3.86E-05	1.31E-03	1.54E-02	0.00E+00	-3.88E-03	3.48E-09	3.84E-08	1.00E-01	3.44E+00	0.00E+00	0.00E+00	1.47E+01	4.35E-02	2.15E+01	0.00E+00	1.55E-07	7.21E-08	4.18E-03	9.43E-07	2.39E+00	0.00E+00	2.15E+01	5.16E-06	2.15E+01	2.34E+01	2.39E+00	0.00E+00	0.00E+00	0.00E+00	5.37E+02
M-DBLAG10040	7.10E-03	1.67E+00	1.00E-01	1.55E+00	0.00E+00	0.00E+00	2.12E+01	4.32E-05	1.36E-03	1.58E-02	0.00E+00	-3.20E-03	4.11E-09	4.61E-08	1.16E-01	3.82E+00	0.00E+00	0.00E+00	1.54E+01	4.26E-02	2.35E+01	0.00E+00	1.71E-07	7.76E-08	4.39E-03	9.05E-07	2.46E+00	0.00E+00	2.35E+01	5.17E-06	2.35E+01	2.54E+01	2.46E+00	0.00E+00	0.00E+00	0.00E+00	5.67E+02

M-DBLAG3060	4.61E-03	1.07E+00	8.27E-02	1.00E+00	0.00E+00	0.00E+00	1.45E+01	2.97E-05	9.09E-04	1.05E-02	0.00E+00	-3.68E-03	2.69E-09	3.09E-08	7.93E-02	2.72E+00	0.00E+00	0.00E+00	1.14E+01	4.29E-02	1.68E+01	0.00E+00	1.21E-07	5.77E-08	3.07E-03	9.38E-07	1.99E+00	0.00E+00	1.68E+01	3.13E-06	1.68E+01	1.81E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	4.21E+02
M-DBLAG3080	6.70E-03	1.67E+00	1.04E-01	1.54E+00	0.00E+00	0.00E+00	2.08E+01	4.28E-05	1.31E-03	1.58E-02	0.00E+00	-3.22E-03	4.10E-09	4.81E-08	1.12E-01	3.70E+00	0.00E+00	0.00E+00	1.58E+01	4.26E-02	2.23E+01	0.00E+00	1.63E-07	7.32E-08	4.20E-03	9.38E-07	2.48E+00	0.00E+00	2.23E+01	4.91E-06	2.23E+01	2.45E+01	2.49E+00	0.00E+00	0.00E+00	0.00E+00	5.64E+02
M-DBLAG3090	6.65E-03	2.08E+00	1.39E-01	1.73E+00	0.00E+00	0.00E+00	2.25E+01	4.49E-05	1.31E-03	1.59E-02	0.00E+00	-3.13E-03	4.38E-09	4.84E-08	1.15E-01	3.99E+00	0.00E+00	0.00E+00	1.63E+01	4.20E-02	2.30E+01	0.00E+00	1.63E-07	7.77E-08	4.28E-03	9.53E-07	2.64E+00	0.00E+00	2.30E+01	5.81E-06	2.30E+01	2.49E+01	2.64E+00	0.00E+00	0.00E+00	0.00E+00	5.97E+02
M-DBLAG3530	2.62E-03	5.99E-01	6.06E-02	5.91E-01	0.00E+00	0.00E+00	8.22E+00	1.58E-05	4.76E-04	5.96E-03	0.00E+00	-3.51E-03	1.46E-09	1.77E-08	4.18E-02	1.49E+00	0.00E+00	0.00E+00	5.63E+00	4.27E-02	9.12E+00	0.00E+00	7.13E-08	3.08E-08	1.59E-03	1.09E-06	9.83E-01	0.00E+00	9.12E+00	1.34E-06	9.12E+00	1.06E+01	9.83E-01	0.00E+00	0.00E+00	0.00E+00	2.09E+02
M-DBLAG3540	3.23E-03	7.13E-01	7.16E-02	6.24E-01	0.00E+00	0.00E+00	1.07E+01	2.09E-05	5.95E-04	6.59E-03	0.00E+00	-3.43E-03	1.99E-09	2.60E-08	5.25E-02	1.72E+00	0.00E+00	0.00E+00	6.99E+00	4.16E-02	1.06E+01	0.00E+00	7.59E-08	3.42E-08	1.73E-03	9.26E-07	1.23E+00	0.00E+00	1.06E+01	2.04E-06	1.06E+01	1.21E+01	1.23E+00	0.00E+00	0.00E+00	0.00E+00	2.43E+02
M-DBLAG3550	4.61E-03	1.07E+00	8.27E-02	1.00E+00	0.00E+00	0.00E+00	1.45E+01	2.97E-05	9.09E-04	1.05E-02	0.00E+00	-3.68E-03	2.69E-09	3.09E-08	7.93E-02	2.72E+00	0.00E+00	0.00E+00	1.14E+01	4.36E-02	1.68E+01	0.00E+00	1.21E-07	5.77E-08	3.07E-03	9.48E-07	1.99E+00	0.00E+00	1.68E+01	3.13E-06	1.68E+01	1.81E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	4.21E+02
M-DBLAG3560	6.59E-03	1.58E+00	8.60E-02	1.42E+00	0.00E+00	0.00E+00	1.72E+01	3.79E-05	1.28E-03	1.49E-02	0.00E+00	-3.70E-03	3.17E-09	3.71E-08	9.90E-02	3.39E+00	0.00E+00	0.00E+00	1.42E+01	4.35E-02	2.07E+01	0.00E+00	1.50E-07	7.11E-08	4.12E-03	9.43E-07	2.37E+00	0.00E+00	2.07E+01	4.35E-06	2.07E+01	2.27E+01	2.37E+00	0.00E+00	0.00E+00	0.00E+00	5.26E+02
M-DBLAG3580	7.19E-03	2.16E+00	2.39E-01	1.73E+00	0.00E+00	0.00E+00	2.26E+01	4.52E-05	1.34E-03	1.60E-02	0.00E+00	-3.93E-03	4.40E-09	4.84E-08	1.19E-01	4.00E+00	0.00E+00	0.00E+00	1.65E+01	4.20E-02	2.43E+01	0.00E+00	1.76E-07	8.05E-08	4.43E-03	1.68E-06	2.65E+00	0.00E+00	2.43E+01	5.83E-06	2.43E+01	2.62E+01	2.65E+00	0.00E+00	0.00E+00	0.00E+00	5.99E+02
M-DBLAG40100	7.24E-03	2.07E+00	1.32E-01	1.75E+00	0.00E+00	0.00E+00	2.26E+01	4.51E-05	1.36E-03	1.60E-02	0.00E+00	-3.13E-03	4.32E-09	4.83E-08	1.20E-01	3.98E+00	0.00E+00	0.00E+00	1.61E+01	4.20E-02	2.42E+01	0.00E+00	1.76E-07	8.07E-08	4.46E-03	9.15E-07	2.61E+00	0.00E+00	2.42E+01	5.90E-06	2.42E+01	2.63E+01	2.61E+00	0.00E+00	0.00E+00	0.00E+00	5.90E+02
M-DBLAG4030	6.20E-03	2.08E+00	1.77E-01	1.72E+00	0.00E+00	0.00E+00	2.14E+01	4.30E-05	1.29E-03	1.58E-02	0.00E+00	-3.78E-03	4.14E-09	4.54E-08	1.12E-01	3.57E+00	0.00E+00	0.00E+00	1.44E+01	4.99E-02	2.13E+01	0.00E+00	1.54E-07	6.71E-08	4.22E-03	1.18E-06	2.20E+00	0.00E+00	2.13E+01	4.68E-06	2.13E+01	2.33E+01	2.20E+00	0.00E+00	0.00E+00	0.00E+00	5.18E+02
M-DBLAG4040	6.21E-03	2.08E+00	1.56E-01	1.71E+00	0.00E+00	0.00E+00	2.22E+01	4.33E-05	1.29E-03	1.57E-02	0.00E+00	-3.98E-03	4.33E-09	4.62E-08	1.12E-01	3.62E+00	0.00E+00	0.00E+00	1.46E+01	5.30E-02	2.16E+01	0.00E+00	1.57E-07	6.76E-08	4.22E-03	1.26E-06	2.31E+00	0.00E+00	2.16E+01	5.05E-06	2.16E+01	2.35E+01	2.31E+00	0.00E+00	0.00E+00	0.00E+00	5.27E+02
M-DBLAG4050	6.73E-03	2.08E+00	1.55E-01	1.72E+00	0.00E+00	0.00E+00	2.24E+01	4.49E-05	1.30E-03	1.58E-02	0.00E+00	-3.98E-03	4.37E-09	4.82E-08	1.15E-01	3.86E+00	0.00E+00	0.00E+00	1.63E+01	5.23E-02	2.27E+01	0.00E+00	1.63E-07	7.60E-08	4.24E-03	1.24E-06	2.60E+00	0.00E+00	2.27E+01	5.27E-06	2.27E+01	2.47E+01	2.60E+00	0.00E+00	0.00E+00	0.00E+00	5.92E+02
M-DBLAG4060	6.75E-03	2.08E+00	1.39E-01	1.73E+00	0.00E+00	0.00E+00	2.25E+01	4.44E-05	1.30E-03	1.58E-02	0.00E+00	-3.15E-03	4.38E-09	4.83E-08	1.15E-01	3.95E+00	0.00E+00	0.00E+00	1.63E+01	4.20E-02	2.28E+01	0.00E+00	1.63E-07	7.80E-08	4.24E-03	9.58E-07	2.60E+00	0.00E+00	2.28E+01	5.47E-06	2.28E+01	2.48E+01	2.60E+00	0.00E+00	0.00E+00	0.00E+00	5.92E+02
M-DBLAG4080	7.25E-03	2.07E+00	1.34E-01	1.75E+00	0.00E+00	0.00E+00	2.26E+01	4.49E-05	1.35E-03	1.61E-02	0.00E+00	-3.13E-03	4.36E-09	4.84E-08	1.20E-01	3.99E+00	0.00E+00	0.00E+00	1.63E+01	4.20E-02	2.43E+01	0.00E+00	1.77E-07	8.09E-08	4.46E-03	9.53E-07	2.63E+00	0.00E+00	2.43E+01	5.92E-06	2.43E+01	2.65E+01	2.63E+00	0.00E+00	0.00E+00	0.00E+00	5.96E+02
M-DBLAG4090	7.28E-03	2.07E+00	1.34E-01	1.75E+00	0.00E+00	0.00E+00	2.26E+01	4.52E-05	1.36E-03	1.61E-02	0.00E+00	-3.13E-03	4.38E-09	4.85E-08	1.20E-01	3.99E+00	0.00E+00	0.00E+00	1.63E+01	4.20E-02	2.44E+01	0.00E+00	1.77E-07	8.12E-08	4.48E-03	9.27E-07	2.63E+00	0.00E+00	2.44E+01	5.92E-06	2.44E+01	2.65E+01	2.63E+00	0.00E+00	0.00E+00	0.00E+00	5.96E+02
M-DBLAG4560	6.70E-03	1.67E+00	1.04E-01	1.54E+00	0.00E+00	0.00E+00	2.08E+01	4.28E-05	1.31E-03	1.58E-02	0.00E+00	-3.20E-03	4.09E-09	4.81E-08	1.12E-01	3.70E+00	0.00E+00	0.00E+00	1.58E+01	4.26E-02	2.23E+01	0.00E+00	1.63E-07	7.34E-08	4.20E-03	9.40E-07	2.48E+00	0.00E+00	2.23E+01	4.91E-06	2.23E+01	2.45E+01	2.48E+00	0.00E+00	0.00E+00	0.00E+00	5.64E+02
M-DBLAG4580	6.60E-03	2.53E+00	2.99E-01	1.91E+00	0.00E+00	0.00E+00	2.28E+01	4.53E-05	1.38E-03	1.63E-02	0.00E+00	-3.93E-03	4.65E-09	4.99E-08	1.17E-01	3.99E+00	0.00E+00	0.00E+00	1.74E+01	4.26E-02	2.29E+01	0.00E+00	1.63E-07	7.70E-08	4.35E-03	1.71E-06	2.69E+00	0.00E+00	2.29E+01	1.57E-06	2.29E+01	2.46E+01	2.69E+00	0.00E+00	0.00E+00	0.00E+00	6.30E+02
M-DBLAG5030	3.25E-03	7.58E-01	7.27E-02	6.40E-01	0.00E+00	0.00E+00	1.10E+01	2.11E-05	5.97E-04	6.70E-03	0.00E+00	-3.46E-03	2.05E-09	2.63E-08	5.30E-02	1.85E+00	0.00E+00	0.00E+00	7.08E+00	4.17E-02	1.09E+01	0.00E+00	7.78E-08	3.62E-08	1.80E-03	9.26E-07	1.23E+00	0.00E+00	1.09E+01	2.08E-06	1.09E+01	1.22E+01	1.23E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+02
M-DBLAG5040	4.77E-03	1.04E+00	7.16E-02	9.97E-01	0.00E+00	0.00E+00	1.45E+01	2.93E-05	9.05E-04	1.05E-02	0.00E+00	-3.54E-03	2.56E-09	3.04E-08	7.75E-02	2.68E+00	0.00E+00	0.00E+00	1.13E+01	4.18E-02	1.57E+01	0.00E+00	1.14E-07	5.58E-08	3.13E-03	9.22E-07	1.99E+00	0.00E+00	1.57E+01	2.94E-06	1.57E+01	1.74E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	4.18E+02
M-DBLAG5050	6.71E-03	1.63E+00	8.66E-02	1.50E+00	0.00E+00	0.00E+00	1.77E+01	3.88E-05	1.31E-03	1.54E-02	0.00E+00	-3.70E-03	3.48E-09	3.84E-08	1.00E-01	3.44E+00	0.00E+00	0.00E+00	1.47E+01	4.35E-02	2.15E+01	0.00E+00	1.55E-07	7.20E-08	4.18E-03	9.42E-07	2.39E+00	0.00E+00	2.15E+01	5.13E-06	2.15E+01	2.34E+01	2.39E+00	0.00E+00	0.00E+00	0.00E+00	5.37E+02
M-DBLAG5060	7.25E-03	2.07E+00	1.38E-01	1.75E+00	0.00E+00	0.00E+00	2.26E+01	4.49E-05	1.35E-03	1.61E-02	0.00E+00	-3.13E-03	4.36E-09	4.84E-08	1.20E-01	3.99E+00	0.00E+00	0.00E+00	1.63E+01	4.20E-02	2.43E+01	0.00E+00	1.77E-07	8.09E-08	4.46E-03	9.53E-07	2.63E+00	0.00E+00	2.43E+01	5.83E-06	2.43E+01	2.65E+01	2.63E+00	0.00E+00	0.00E+00	0.00E+00	5.96E+02
M-DBLAG5080	7.59E-03	2.81E+00	2.85E-01	2.01E+00	0.00E+00	0.00E+00	2.35E+01	4.70E-05	1.46E-03	1.73E-02	0.00E+00	-4.41E-03	4.64E-09	5.09E-08	1.28E-01	4.28E+00	0.00E+00	0.00E+00	1.79E+01	4.55E-02	2.60E+01	0.00E+00	1.85E-07	8.53E-08	4.78E-03	1.99E-06	2.78E+00	0.00E+00	2.60E+01	3.01E-06	2.60E+01	2.77E+01	2.78E+00	0.00E+00	0.00E+00	0.00E+00	6.43E+02
M-DBLAG60100	2.34E-02	5.00E+00	2.28E-01	4.60E+00	0.00E+00	0.00E+00	6.56E+01	1.31E-04	4.46E-03	4.70E-02	0.00E+00	-2.32E-03	1.19E-08	1.45E-07	3.43E-01	1.17E+01	0.00E+00	0.00E+00	4.54E+01	3.19E-02	7.68E+01	0.00E+00	5.81E-07	2.52E-07	1.33E-02	1.01E-05	7.51E+00	0.00E+00	7.68E+01	2.00E-05	7.68E+01	8.54E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	1.68E+03
M-DBLAG6030	3.25E-03	7.58E-01	7.27E-02	6.42E-01	0.00E+00	0.00E+00	1.12E+01	2.12E-05	5.97E-04	6.70E-03	0.00E+00	-3.53E-03	2.27E-09	2.68E-08	5.31E-02	1.86E+00	0.00E+00	0.00E+00	7.17E+00	4.21E-02	1.09E+01	0.00E+00	7.78E-08	3.62E-08	1.80E-03	9.38E-07	1.26E+00	0.00E+00	1.09E+01	2.09E-06	1.09E+01	1.22E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	2.50E+02
M-DBLAG6040	6.58E-03	1.58E+00	8.60E-02	1.42E+00	0.00E+00	0.00E+00	1.72E+01	3.79E-05	1.28E-03	1.49E-02	0.00E+00	-3.70E-03	3.17E-09	3.71E-08	9.90E-02	3.39E+00	0.00E+00	0.00E+00	1.42E+01	4.35E-02	2.07E+01	0.00E+00	1.50E-07	7.11E-08	4.12E-03	9.43E-07	2.37E+00	0.00E+00	2.07E+01	4.35E-06	2.07E+01	2.27E+01	2.37E+00	0.00E+00	0.00E+00	0.00E+00	5.26E+02
M-DBLAG6050	7.25E-03	2.07E+00	1.38E-01	1.75E+00	0.00E+00	0.00E+00	2.26E+01	4.49E-05	1.35E-03	1.61E-02	0.00E+00	-3.13E-03	4.36E-09	4.84E-08	1.20E-01	3.99E+00	0.00E+00	0.00E+00	1.63E+01	4.20E-02	2.43E+01	0.00E+00	1.77E-07	8.09E-08	4.46E-03	9.53E-07	2.63E+00	0.00E+00	2.43E+01	5.83E-06	2.43E+01	2.65E+01	2.63E+00	0.00E+00	0.00E+00	0.00E+00	5.96E+02
M-DBLAG6060	7.60E-03	2.53E+00	2.49E-01	1.94E+00	0.00E+00	0.00E+00	2.33E+01	4.63E-05	1.44E-03	1.66E-02	0.00E+00	-3.93E-03	4.65E-09	5.05E-08	1.25E-01	4.16E+00	0.00E+00	0.00E+00	1.74E+01	4.26E-02	2.55E+01	0.00E+00	1.84E-07	8.37E-08	4.63E-03	1.42E-06	2.73E+00	0.00E+00	2.55E+01	3.39E-06	2.55E+01	2.68E+01	2.73E+00	0.00E+00	0.00E+00	0.00E+00	6.35E+02
M-DBLAG6080	9.16E-03	3.20E+00	1.98E-01	2.55E+00	0.00E+00	0.00E+00	4.54E+01	8.45E-05	2.41E-03	2.37E-02	0.00E+00	-2.32E-03	4.71E-09	7.27E-08	1.58E-01	5.82E+00	0.00E+00	0.00E+00	2.43E+01	3.18E-02	3.83E+01	0.00E+00	2.54E-07	1.31E-07	8.49E-03	9.61E-07	4.28E+00	0.00E+00	3.83E+01	5.19E-06	3.83E+01	4.10E+01	4.28E+00	0.00E+00	0.00E+00	0.00E+00	8.53E+02
M-DBLAG6090	2.15E-02	4.66E+00	2.01E-01	4.43E+00	0.00E+00	0.00E+00	4.73E+01	1.01E-04	4.05E-03	4.56E-02	0.00E+00	-2.32E-03	1.13E-08	8.15E-08	3.10E-01	1.08E+01	0.00E+00	0.00E+00	3.21E+01	3.19E-02	7.45E+01	0.00E+00	5.53E-07	2.42E-07	1.27E-02	9.79E-07	6.00E+00	0.00E+00	7.45E+01	1.86E-05	7.45E+01	8.22E+01	6.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+03
M-DBLAG7030	4.77E-03	1.04E+00	7.16E-02	9.97E-01	0.00E+00	0.00E+00	1.45E+01	2.93E-05	9.05E-04	1.05E-02	0.00E+00	-3.54E-03	2.56E-09	3.04E-08	7.75E-02	2.68E+00	0.00E+00	0.00E+00	1.13E+01	4.18E-02	1.57E+01	0.00E+00	1.14E-07	5.58E-08	3.13E-03	9.22E-07	1.99E+00	0.00E+00	1.57E+01	2.94E-06	1.57E+01	1.74E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	4.18E+02
M-DBLAG7040	5.52E-03	1.30E+00	8.33E-02	1.11E+00	0.00E+00	0.00E+00	1.45E+01	2.85E-05	1.03E-03	1.12E-02	0.00E+00	-3.67E-03	2.60E-09	3.13E-08	7.56E-02	2.73E+00	0.00E+00	0.00E+00	1.13E+01	4.32E-02	1.73E+01	0.00E+00	1.29E-07	6.13E-08	3.30E-03	9.21E-07	1.99E+00	0.00E+00	1.73E+01	3.38E-06	1.73E+01	1.82E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	4.21E+02
M-DBLAG7050	7.04E-03	1.80E+00	1.26E-01	1.73E+00	0.00E+00	0.00E+00	2.21E+01	4.41E-05	1.35E-03	1.60E-02	0.00E+00	-3.13E-03	4.16E-09	4.73E-08	1.18E-01	3.89E+00	0.00E+00	0.00E+00	1.59E+01	4.20E-02	2.35E+01	0.00E+00	1.72E-07	7.78E-08	4.39E-03	9.34E-07	2.55E+00	0.00E+00	2.35E+01	5.40E-06	2.35E+01	2.56E+01	2.55E+00	0.00E+00	0.00E+00	0.00E+00	5.84E+02
M-DBLAG7060	7.55E-03	2.53E+00	2.46E-01	1.93E+00	0.00E+00	0.00E+00	2.32E+01	4.62E-05	1.44E-03	1.66E-02	0.00E+00	-3.93E-03	4.61E-09	5.04E-08	1.24E-01	4.15E+00	0.00E+00	0.00E+00	1.73E+01	4.26E-02	2.53E+01	0.00E+00	1.83E-07	8.32E-08	4.60E-03	1.39E-06	2.72E+00	0.00E+00	2.53E+01	3.38E-06	2.53E+01	2.67E+01	2.72E+00	0.00E+00	0.00E+00	0.00E+00	6.32E+02
M-DBLAG7080	9.16E-03	3.21E+00	2.02E-01	2.55E+00	0.00E+00	0.00E+00	4.61E+01	8.48E-05	2.70E-03	2.38E-02	0.00E+00	-2.32E-03	4.71E-09	7.33E-08	1.58E-01	5.82E+00	0.00E+00	0.00E+00	2.43E+01	3.19E-02	3.83E+01	0.00E+00	2.54E-07	1.31E-07	8.50E-03	9.76E-07	4.28E+00	0.00E+00	3.83E+01	5.17E-06	3.83E+01	4.10E+01	4.28E+00	0.00E+00	0.00E+00	0.00E+00	8.57E+02
M-DBLAG80100	2.84E-02	5.72E+00	2.79E-01	5.35E+00	0.00E+00	0.00E+00	7.27E+01	1.53E-04	5.33E-03	5.66E-02	0.00E+00	-2.32E-03	1.22E-08	1.59E-07	4.21E-01	1.44E+01	0.00E+00	0.00E+00	5.23E+01	3.20E-02	8.88E+01	0.00E+00	6.74E-07	3.04E-07	1.64E-02	1.12E-06	8.72E+00	0.00E+00	8.88E+01	2.26E-05	8.88E+01	1.00E+02	8.72E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+03
M-DBLAG8030	5.51E-03	1.30E+00	8.32E-02	1.11E+00	0.00E+00	0.00E+00	1.45E+01	2.85E-05	1.03E-03	1.12E-02	0.00E+00	-3.89E-03	2.60E-09	3.08E-08	7.56E-02	2.73E+00	0.00E+00	0.00E+00	1.13E+01	4.32E-02	1.73E+01	0.00E+00	1.29E-07	6.13E-08	3.30E-03	9.19E-07	1.99E+00	0.00E+00	1.73E+01	3.36E-06	1.73E+01	1.82E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	4.21E+02
M-DBLAG8040	5.82E-03	1.28E+00	8.32E-02	1.13E+00	0.00E+00	0.00E+00	1.57E+01	3.14E-05	1.06E-03	1.15E-02	0.00E+00	-3.68E-03	2.81E-09	3.46E-08	8.14E-02	2.83E+00	0.00E+00	0.00E+00	1.23E+01	4.34E-02	1.67E+01	0.00E+00	1.19E-07	6.52E-08	3.46E-03	9.16E-07	2.10E+00	0.00E+00	1.67E+01	2.88E-06	1.67E+01	1.70E+01	2.10E+00	0.00E+00	0.00E+00	0.00E+00	4.49E+02
M-DBLAG8050	7.25E-03	2.16E+00	2.04E-01	1.74E+00	0.00E+00	0.00E+00	2.28E+01	4.50E-05	1.36E-03	1.60E-02	0.00E+00	-3.93E-03	4.44E-09	4.84E-08	1.21E-01	4.01E+00	0.00E+00	0.00E+00	1.65E+01	4.20E-02	2.44E+01	0.00E+00	1.76E-07	8.08E-08	4.47E-03	1.39E-06	2.64E+00	0.00E+00	2.44E+01	6.14E-06	2.44E+01	2.63E+01	2.64E+00	0.00E+00	0.00E+00	0.00E+00	5.99E+02
M-DBLAG8060	8.44E-03	2.81E+00	2.66E-01	2.13E+00	0.00E+00	0.00E+00	2.48E+01	4.94E-05	1.69E-03	1.82E-02	0.00E+00	-4.41E-03	4.72E-09	5.40E-08	1.33E-01	4.47E+00	0.00E+00	0.00E+00	1.84E+01	4.55E-02	2.78E+01	0.00E+00	2.02E-07	9.36E-08	5.38E-03	1.99E-06	2.92E+00	0.00E+00	2.78E+01	3.18E-06	2.78E+01	2.91E+01	2.92E+00	0.00E+00	0.00E+00	0.00E+00	6.58E+02
M-DBLAG8080	2.16E-02	4.66E+00	2.10E-01	4.43E+00	0.00E+00	0.00E+00	4.97E+01	1.02E-04	4.06E-03	4.56E-02	0.00E+00	-2.32E-03	1.14E-08	8.42E-08	3.10E-01	1.08E+01	0.00E+00	0.00E+00	3.26E+01	3.19E-02	7.47E+01	0.00E+00	5.54E-07	2.43E-07	1.28E-02	9.81E-07	6.03E+00	0.00E+00	7.47E+01	1.90E-05	7.47E+01	8.22E+01	6.03E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+03
M-DBLAG8090	2.81E-02	5.14E+00	2.38E-01	4.66E+00	0.00E+00	0.00E+00	6.65E+01	1.32E-04	4.56E-03	4.77E-02	0.00E+00	-2.32E-03	1.20E-08	1.46E-07	3.72E-01	1.27E+01	0.00E+00	0.00E+00	4.60E+01	3.20E-02	7.71E+01	0.00E+00	5.67E-07	2.56E-07	1.35E-02	1.05E-06	7.52E+00	0.00E+00	7.71E+01	2.04E-05	7.71E+01	8.65E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+03
M-DBLAG8530	5.40E-03	1.28E+00	8.43E-02	1.12E+00	0.00E+00	0.00E+00	1.56E+01	3.14E-05	1.01E-03	1.13E-02	0.00E+00	-3.70E-03	2.80E-09	3.42E-08	7.91E-02	2.74E+00	0.00E+00	0.00E+00	1.23E+01	4.34E-02	1.57E+01	0.00E+00	1.15E-07	6.22E-08	3.31E-03	9.20E-07	2.09E+00	0.00E+00	1.57E+01	2.65E-06	1.57E+01	1.65E+01	2.09E+00	0.00E+00	0.00E+00	0.00E+00	4.47E+02
M-DBLAG8540	7.01E-03	1.63E+00	8.50E-02	1.52E+00	0.00E+00	0.00E+00	1.80E+01	3.89E-05	1.35E-03	1.56E-02	0.00E+00	-3.68E-03	3.46E-09	3.86E-08	1.05E-01	3.57E+00	0.00E+00	0.00E+00	1.46E+01	4.35E-02	2.24E+01	0.00E+00	1.63E-07	7.56E-08	4.35E-03	9.35E-07	2.40E+00	0.00E+00	2.24E+01	5.33E-06	2.24E+01	2.42E+01	2.40E+00	0.00E+00	0.00E+00	0.00E+00	5.41E+02
M-DBLAG8550	7.24E-03	2.22E+00	2.22E-01	1.78E+00	0.00E+00	0.00E+00	2.27E+01	4.54E-05	1.36E-03	1.61E-02	0.00E+00	-3.93E-03	4.41E-09	4.91E-08	1.21E-01	4.01E+00	0.00E+00	0.00E+00	1.67E+01	4.20E-02	2.43E+01	0.00E+00	1.74E-07	8.04E-08	4.46E-03	1.38E-06	2.64E+00	0.00E+00	2.43E+01	5.84E-06	2.43E+01	2.61E+01	2.64E+00	0.00E+00	0.00E+00	0.00E+00	6.07E+02
M-DBLAG8560	8.46E-03	2.97E+00	3.07E-01	2.15E+00	0.00E+00	0.00E+00	2.48E+01	4.94E-05	1.70E-03	1.82E-02	0.00E+00	-4.50E-03	4.71E-09	5.41E-08	1.33E-01	4.47E+00	0.00E+00	0.00E+00	1.83E+01	4.61E-02	2.78E+01	0.00E+00	2.04E-07	9.31E-08	5.36E-03	1.99E-06	2.92E+00	0.00E+00	2.78E+01	3.17E-06	2.78E+01	2.89E+01	2.92E+00	0.00E+00	0.00E+00	0.00E+00	6.56E+02
M-DBLAG8580	2.26E-02	4.92E+00	2.29E-01	4.55E+00	0.00E+00	0.00E+00	5.76E+01	1.24E-04	4.38E-03	4.68E-02	0.00E+00	-2.32E-03	1.19E-08	1.09E-07	3.38E-01	1.15E+01	0.00E+00	0.00E+00	4.25E+01	3.19E-02	7.64E+01	0.00E+00	5.59E-07	2.47E-07	1.31E-02	9.98E-07	7.07E+00	0.00E+00	7.64E+01	1.98E-05	7.64E+01	8.53E+01

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MES-CPSTB120	5.84E-03	1.51E+00	7.48E-02	1.38E+00	0.00E+00	0.00E+00	1.68E+01	3.56E-05	1.11E-03	1.19E-02	0.00E+00	-1.16E-03	2.61E-09	3.55E-08	9.75E-02	3.21E+00	0.00E+00	0.00E+00	1.16E+01	1.29E-02	1.95E+01	0.00E+00	1.47E-07	6.22E-08	3.41E-03	5.08E-07	1.93E+00	0.00E+00	1.95E+01	3.59E-06	1.95E+01	2.15E+01	1.93E+00	0.00E+00	0.00E+00	0.00E+00	4.21E+02
MES-CPSTB130	6.43E-03	1.80E+00	7.64E-02	1.58E+00	0.00E+00	0.00E+00	1.77E+01	3.79E-05	1.34E-03	1.54E-02	0.00E+00	-1.00E-03	3.29E-09	3.74E-08	1.01E-01	3.37E+00	0.00E+00	0.00E+00	1.27E+01	1.18E-02	2.11E+01	0.00E+00	1.58E-07	6.66E-08	4.06E-03	5.15E-07	2.08E+00	0.00E+00	2.11E+01	5.72E-06	2.11E+01	2.28E+01	2.08E+00	0.00E+00	0.00E+00	0.00E+00	4.55E+02
MES-CPSTB135	6.57E-03	1.64E+00	7.72E-02	1.49E+00	0.00E+00	0.00E+00	1.78E+01	3.90E-05	1.34E-03	1.54E-02	0.00E+00	-1.00E-03	3.34E-09	3.80E-08	1.01E-01	3.45E+00	0.00E+00	0.00E+00	1.37E+01	1.18E-02	2.15E+01	0.00E+00	1.58E-07	6.90E-08	4.11E-03	4.70E-07	2.19E+00	0.00E+00	2.15E+01	5.79E-06	2.15E+01	2.33E+01	2.19E+00	0.00E+00	0.00E+00	0.00E+00	4.82E+02
MES-CPSTB140	6.88E-03	1.83E+00	7.70E-02	1.62E+00	0.00E+00	0.00E+00	2.09E+01	4.31E-05	1.36E-03	1.56E-02	0.00E+00	-8.78E-04	4.16E-09	4.66E-08	1.11E-01	3.78E+00	0.00E+00	0.00E+00	1.51E+01	1.05E-02	2.31E+01	0.00E+00	1.66E-07	7.37E-08	4.13E-03	5.18E-07	2.41E+00	0.00E+00	2.31E+01	5.86E-06	2.31E+01	2.49E+01	2.41E+00	0.00E+00	0.00E+00	0.00E+00	5.59E+02
MES-CPSTB150	6.72E-03	1.83E+00	1.38E-01	1.63E+00	0.00E+00	0.00E+00	2.11E+01	4.36E-05	1.34E-03	1.56E-02	0.00E+00	-2.09E-03	4.15E-09	4.71E-08	1.13E-01	3.82E+00	0.00E+00	0.00E+00	1.52E+01	2.68E-02	2.28E+01	0.00E+00	1.66E-07	7.35E-08	4.11E-03	7.68E-07	2.41E+00	0.00E+00	2.28E+01	5.42E-06	2.28E+01	2.48E+01	2.41E+00	0.00E+00	0.00E+00	0.00E+00	5.65E+02
MES-CPSTB160	6.72E-03	1.69E+00	1.36E-01	1.54E+00	0.00E+00	0.00E+00	2.11E+01	4.39E-05	1.34E-03	1.56E-02	0.00E+00	-2.09E-03	4.16E-09	4.71E-08	1.13E-01	3.82E+00	0.00E+00	0.00E+00	1.55E+01	2.68E-02	2.28E+01	0.00E+00	1.67E-07	7.35E-08	4.11E-03	7.23E-07	2.41E+00	0.00E+00	2.28E+01	5.44E-06	2.28E+01	2.50E+01	2.41E+00	0.00E+00	0.00E+00	0.00E+00	5.65E+02
MES-CPSTB170	6.85E-03	2.12E+00	1.50E-01	1.75E+00	0.00E+00	0.00E+00	2.27E+01	4.54E-05	1.35E-03	1.59E-02	0.00E+00	-2.09E-03	4.48E-09	4.87E-08	1.16E-01	3.98E+00	0.00E+00	0.00E+00	1.58E+01	2.68E-02	2.32E+01	0.00E+00	1.66E-07	7.63E-08	4.19E-03	7.81E-07	2.54E+00	0.00E+00	2.32E+01	6.04E-06	2.32E+01	2.51E+01	2.54E+00	0.00E+00	0.00E+00	0.00E+00	5.91E+02
MES-CPSTB180	6.60E-03	2.17E+00	3.22E-01	1.74E+00	0.00E+00	0.00E+00	2.27E+01	4.56E-05	1.35E-03	1.59E-02	0.00E+00	-2.88E-03	4.51E-09	4.87E-08	1.16E-01	4.00E+00	0.00E+00	0.00E+00	1.60E+01	3.78E-02	2.32E+01	0.00E+00	1.65E-07	7.58E-08	4.17E-03	1.87E-06	2.55E+00	0.00E+00	2.32E+01	5.77E-06	2.32E+01	2.49E+01	2.55E+00	0.00E+00	0.00E+00	0.00E+00	5.94E+02
MES-CPSTB35	1.74E-03	4.16E-01	2.67E-02	4.04E-01	0.00E+00	0.00E+00	5.25E+00	1.06E-05	3.38E-04	4.00E-03	0.00E+00	-3.93E-03	9.72E-10	1.17E-08	2.92E-02	9.35E-01	0.00E+00	0.00E+00	3.54E+00	4.42E-02	5.88E+00	0.00E+00	4.36E-08	1.89E-08	1.10E-03	1.13E-06	6.07E-01	0.00E+00	5.88E+00	7.46E-07	5.88E+00	6.39E+00	6.07E-01	0.00E+00	0.00E+00	0.00E+00	1.40E+02
MES-CPSTB40	2.00E-03	4.27E-01	2.50E-02	3.94E-01	0.00E+00	0.00E+00	5.53E+00	1.10E-05	3.40E-04	4.03E-03	0.00E+00	-4.42E-03	9.64E-10	1.47E-08	2.95E-02	1.02E+00	0.00E+00	0.00E+00	3.72E+00	5.80E-02	5.96E+00	0.00E+00	4.43E-08	1.94E-08	1.14E-03	9.75E-07	6.31E-01	0.00E+00	5.96E+00	8.63E-07	5.96E+00	6.52E+00	6.31E-01	0.00E+00	0.00E+00	0.00E+00	1.41E+02
MES-CPSTB45	3.20E-03	5.93E-01	3.67E-02	5.36E-01	0.00E+00	0.00E+00	6.05E+00	1.18E-05	3.83E-04	5.04E-03	0.00E+00	-1.63E-02	1.06E-09	1.78E-08	3.31E-02	1.39E+00	0.00E+00	0.00E+00	4.54E+00	2.33E-01	7.29E+00	0.00E+00	5.55E-08	2.35E-08	1.46E-03	3.04E-06	7.71E-01	0.00E+00	7.29E+00	8.97E-07	7.29E+00	8.16E+00	7.71E-01	0.00E+00	0.00E+00	0.00E+00	1.67E+02
MES-CPSTB50	1.99E-03	6.41E-01	3.79E-02	5.56E-01	0.00E+00	0.00E+00	6.60E+00	1.30E-05	4.13E-04	5.11E-03	0.00E+00	-1.83E-03	1.11E-09	1.65E-08	3.56E-02	1.17E+00	0.00E+00	0.00E+00	4.77E+00	1.90E-02	7.73E+00	0.00E+00	5.87E-08	2.34E-08	1.22E-03	3.04E-07	7.97E-01	0.00E+00	7.73E+00	1.22E-06	7.73E+00	8.54E+00	7.97E-01	0.00E+00	0.00E+00	0.00E+00	1.74E+02
MES-CPSTB60	2.41E-03	6.82E-01	3.91E-02	5.53E-01	0.00E+00	0.00E+00	8.34E+00	1.62E-05	4.55E-04	5.29E-03	0.00E+00	-8.37E-04	1.14E-09	1.89E-08	4.15E-02	1.33E+00	0.00E+00	0.00E+00	5.40E+00	1.01E-02	8.76E+00	0.00E+00	6.44E-08	2.68E-08	1.34E-03	7.66E-07	8.78E-01	0.00E+00	8.76E+00	1.54E-06	8.76E+00	9.77E+00	8.78E-01	0.00E+00	0.00E+00	0.00E+00	1.88E+02
MES-CPSTB70	2.93E-03	7.17E-01	4.44E-02	6.32E-01	0.00E+00	0.00E+00	9.67E+00	1.85E-05	5.65E-04	6.16E-03	0.00E+00	-8.41E-04	1.44E-09	2.11E-08	4.92E-02	1.66E+00	0.00E+00	0.00E+00	6.30E+00	8.74E-03	1.02E+01	0.00E+00	7.52E-08	3.27E-08	1.71E-03	4.13E-07	1.05E+00	0.00E+00	1.02E+01	1.74E-06	1.02E+01	1.15E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	2.14E+02
MES-CPSTB80	3.68E-03	1.06E+00	4.87E-02	1.02E+00	0.00E+00	0.00E+00	1.19E+01	2.46E-05	7.21E-04	8.91E-03	0.00E+00	-7.59E-04	1.58E-09	2.77E-08	6.55E-02	2.68E+00	0.00E+00	0.00E+00	8.44E+00	6.29E-03	1.33E+01	0.00E+00	9.97E-08	4.84E-08	2.76E-03	4.28E-07	1.50E+00	0.00E+00	1.33E+01	2.43E-06	1.33E+01	1.44E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	3.30E+02
MES-CPSTB85	3.90E-03	9.16E-01	5.17E-02	8.41E-01	0.00E+00	0.00E+00	1.24E+01	2.58E-05	7.13E-04	8.93E-03	0.00E+00	-6.41E-04	1.65E-09	2.73E-08	6.89E-02	2.72E+00	0.00E+00	0.00E+00	9.08E+00	7.74E-03	1.38E+01	0.00E+00	1.01E-07	4.86E-08	2.77E-03	3.87E-07	1.58E+00	0.00E+00	1.38E+01	2.48E-06	1.38E+01	1.53E+01	1.58E+00	0.00E+00	0.00E+00	0.00E+00	3.16E+02
MES-CPSTB90	4.52E-03	1.30E+00	7.66E-02	1.18E+00	0.00E+00	0.00E+00	1.28E+01	2.64E-05	8.68E-04	9.66E-03	0.00E+00	-1.06E-03	1.80E-09	2.79E-08	6.98E-02	2.40E+00	0.00E+00	0.00E+00	8.94E+00	1.03E-02	1.52E+01	0.00E+00	1.16E-07	5.19E-08	2.74E-03	4.51E-07	1.60E+00	0.00E+00	1.52E+01	3.01E-06	1.52E+01	1.67E+01	1.60E+00	0.00E+00	0.00E+00	0.00E+00	3.27E+02
MES-CPSTOB100	4.60E-03	1.30E+00	7.63E-02	1.18E+00	0.00E+00	0.00E+00	1.38E+01	2.74E-05	8.65E-04	9.70E-03	0.00E+00	-7.79E-04	2.12E-09	2.96E-08	7.00E-02	2.41E+00	0.00E+00	0.00E+00	9.27E+00	1.07E-02	1.53E+01	0.00E+00	1.16E-07	5.18E-08	2.75E-03	3.64E-07	1.67E+00	0.00E+00	1.53E+01	3.10E-06	1.53E+01	1.67E+01	1.67E+00	0.00E+00	0.00E+00	0.00E+00	3.40E+02
MES-CPSTOB110	5.29E-03	1.50E+00	7.22E-02	1.32E+00	0.00E+00	0.00E+00	1.39E+01	2.71E-05	1.04E-03	1.12E-02	0.00E+00	-1.13E-03	2.28E-09	3.06E-08	7.14E-02	2.61E+00	0.00E+00	0.00E+00	9.52E+00	1.27E-02	1.64E+01	0.00E+00	1.25E-07	5.66E-08	3.18E-03	4.80E-07	1.68E+00	0.00E+00	1.64E+01	3.44E-06	1.64E+01	1.74E+01	1.68E+00	0.00E+00	0.00E+00	0.00E+00	3.45E+02
MES-CPSTOB120	5.15E-03	1.49E+00	7.35E-02	1.34E+00	0.00E+00	0.00E+00	1.52E+01	3.02E-05	1.03E-03	1.13E-02	0.00E+00	-1.17E-03	2.48E-09	3.34E-08	7.71E-02	2.63E+00	0.00E+00	0.00E+00	1.02E+01	1.28E-02	1.49E+01	0.00E+00	1.13E-07	5.62E-08	3.19E-03	4.80E-07	1.75E+00	0.00E+00	1.49E+01	2.76E-06	1.49E+01	1.60E+01	1.75E+00	0.00E+00	0.00E+00	0.00E+00	3.69E+02
MES-CPSTOB130	6.43E-03	1.80E+00	7.64E-02	1.58E+00	0.00E+00	0.00E+00	1.77E+01	3.79E-05	1.34E-03	1.54E-02	0.00E+00	-1.00E-03	3.29E-09	3.74E-08	1.01E-01	3.37E+00	0.00E+00	0.00E+00	1.27E+01	1.18E-02	2.11E+01	0.00E+00	1.58E-07	6.66E-08	4.06E-03	5.15E-07	2.08E+00	0.00E+00	2.11E+01	5.72E-06	2.11E+01	2.28E+01	2.08E+00	0.00E+00	0.00E+00	0.00E+00	4.55E+02
MES-CPSTOB135	6.57E-03	1.80E+00	7.64E-02	1.58E+00	0.00E+00	0.00E+00	1.78E+01	3.85E-05	1.34E-03	1.54E-02	0.00E+00	-1.00E-03	3.34E-09	3.80E-08	1.01E-01	3.45E+00	0.00E+00	0.00E+00	1.32E+01	1.18E-02	2.15E+01	0.00E+00	1.57E-07	6.90E-08	4.11E-03	5.15E-07	2.16E+00	0.00E+00	2.15E+01	5.79E-06	2.15E+01	2.31E+01	2.16E+00	0.00E+00	0.00E+00	0.00E+00	4.82E+02
MES-CPSTOB140	6.88E-03	1.82E+00	7.70E-02	1.62E+00	0.00E+00	0.00E+00	2.09E+01	4.31E-05	1.36E-03	1.56E-02	0.00E+00	-6.84E-04	4.15E-09	4.66E-08	1.11E-01	3.78E+00	0.00E+00	0.00E+00	1.51E+01	6.58E-03	2.31E+01	0.00E+00	1.66E-07	7.37E-08	4.13E-03	5.11E-07	2.41E+00	0.00E+00	2.31E+01	5.86E-06	2.31E+01	2.49E+01	2.41E+00	0.00E+00	0.00E+00	0.00E+00	5.58E+02
MES-CPSTOB150	6.79E-03	1.83E+00	9.67E-02	1.62E+00	0.00E+00	0.00E+00	2.09E+01	4.30E-05	1.35E-03	1.57E-02	0.00E+00	-2.09E-03	4.12E-09	4.66E-08	1.13E-01	3.81E+00	0.00E+00	0.00E+00	1.51E+01	2.68E-02	2.27E+01	0.00E+00	1.66E-07	7.37E-08	4.13E-03	5.01E-07	2.40E+00	0.00E+00	2.27E+01	5.46E-06	2.27E+01	2.48E+01	2.40E+00	0.00E+00	0.00E+00	0.00E+00	5.62E+02
MES-CPSTOB160	6.72E-03	1.83E+00	1.36E-01	1.63E+00	0.00E+00	0.00E+00	2.11E+01	4.36E-05	1.34E-03	1.56E-02	0.00E+00	-2.09E-03	4.15E-09	4.71E-08	1.13E-01	3.82E+00	0.00E+00	0.00E+00	1.52E+01	2.68E-02	2.28E+01	0.00E+00	1.66E-07	7.35E-08	4.11E-03	7.68E-07	2.41E+00	0.00E+00	2.28E+01	5.42E-06	2.28E+01	2.48E+01	2.41E+00	0.00E+00	0.00E+00	0.00E+00	5.65E+02
MES-CPSTOB170	6.85E-03	2.12E+00	1.50E-01	1.75E+00	0.00E+00	0.00E+00	2.27E+01	4.54E-05	1.35E-03	1.59E-02	0.00E+00	-2.09E-03	4.48E-09	4.87E-08	1.16E-01	3.98E+00	0.00E+00	0.00E+00	1.58E+01	2.68E-02	2.32E+01	0.00E+00	1.66E-07	7.63E-08	4.19E-03	7.81E-07	2.54E+00	0.00E+00	2.32E+01	6.04E-06	2.32E+01	2.51E+01	2.54E+00	0.00E+00	0.00E+00	0.00E+00	5.91E+02
MES-CPSTOB180	6.60E-03	2.17E+00	3.22E-01	1.74E+00	0.00E+00	0.00E+00	2.27E+01	4.56E-05	1.35E-03	1.59E-02	0.00E+00	-2.88E-03	4.51E-09	4.87E-08	1.16E-01	4.00E+00	0.00E+00	0.00E+00	1.60E+01	3.78E-02	2.32E+01	0.00E+00	1.65E-07	7.58E-08	4.17E-03	1.82E-06	2.55E+00	0.00E+00	2.32E+01	5.77E-06	2.32E+01	2.49E+01	2.55E+00	0.00E+00	0.00E+00	0.00E+00	5.94E+02
MES-CPSTOB35	1.86E-03	5.00E-01	2.31E-02	4.68E-01	0.00E+00	0.00E+00	5.43E+00	1.07E-05	4.26E-04	4.86E-03	0.00E+00	-4.21E-03	1.02E-09	9.58E-09	2.86E-02	1.11E+00	0.00E+00	0.00E+00	4.02E+00	4.86E-02	6.32E+00	0.00E+00	4.82E-08	2.24E-08	1.31E-03	1.34E-06	7.01E-01	0.00E+00	6.32E+00	5.89E-07	6.32E+00	6.91E+00	7.01E-01	0.00E+00	0.00E+00	0.00E+00	1.49E+02
MES-CPSTOB40	1.91E-03	4.60E-01	2.53E-02	4.52E-01	0.00E+00	0.00E+00	6.03E+00	1.18E-05	4.02E-04	4.33E-03	0.00E+00	-5.44E-03	1.00E-09	1.33E-08	3.24E-02	1.01E+00	0.00E+00	0.00E+00	4.01E+00	6.44E-02	6.57E+00	0.00E+00	4.91E-08	2.08E-08	1.16E-03	1.30E-06	6.55E-01	0.00E+00	6.57E+00	8.76E-07	6.57E+00	7.26E+00	6.55E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MES-CPSTOB45	1.74E-03	4.33E-01	3.11E-02	4.10E-01	0.00E+00	0.00E+00	5.43E+00	1.07E-05	3.52E-04	4.14E-03	0.00E+00	-1.85E-02	9.62E-10	1.19E-08	2.94E-02	9.41E-01	0.00E+00	0.00E+00	3.64E+00	2.33E-01	6.02E+00	0.00E+00	4.44E-08	1.95E-08	1.10E-03	2.94E-06	6.31E-01	0.00E+00	6.02E+00	9.01E-07	6.02E+00	6.55E+00	6.31E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
MES-CPSTOB50	2.13E-03	5.88E-01	3.58E-02	5.48E-01	0.00E+00	0.00E+00	6.60E+00	1.27E-05	3.96E-04	5.13E-03	0.00E+00	-1.44E-03	1.09E-09	1.61E-08	3.49E-02	1.22E+00	0.00E+00	0.00E+00	4.66E+00	1.55E-02	7.68E+00	0.00E+00	5.86E-08	2.36E-08	1.27E-03	2.61E-07	7.85E-01	0.00E+00	7.68E+00	1.17E-06	7.68E+00	8.56E+00	7.85E-01	0.00E+00	0.00E+00	0.00E+00	1.75E+02
MES-CPSTOB60	2.25E-03	6.42E-01	3.65E-02	5.66E-01	0.00E+00	0.00E+00	7.89E+00	1.47E-05	4.34E-04	5.20E-03	0.00E+00	-4.76E-04	1.12E-09	1.79E-08	3.87E-02	1.27E+00	0.00E+00	0.00E+00	4.95E+00	9.83E-03	8.35E+00	0.00E+00	6.22E-08	2.54E-08	1.30E-03	7.91E-07	8.12E-01	0.00E+00	8.35E+00	1.36E-06	8.35E+00	9.15E+00	8.12E-01	0.00E+00	0.00E+00	0.00E+00	1.86E+02
MES-CPSTOB70	2.97E-03	7.19E-01	4.13E-02	6.57E-01	0.00E+00	0.00E+00	9.71E+00	1.81E-05	5.69E-04	6.22E-03	0.00E+00	-4.18E-04	1.45E-09	2.14E-08	4.95E-02	1.68E+00	0.00E+00	0.00E+00	6.16E+00	5.73E-03	1.03E+01	0.00E+00	7.56E-08	3.31E-08	1.72E-03	3.15E-07	1.03E+00	0.00E+00	1.03E+01	1.75E-06	1.03E+01	1.13E+01	1.03E+00	0.00E+00	0.00E+00	0.00E+00	2.18E+02
MES-CPSTOB80	3.90E-03	1.06E+00	4.71E-02	1.02E+00	0.00E+00	0.00E+00	1.22E+01	2.47E-05	7.10E-04	8.92E-03	0.00E+00	-3.43E-04	1.61E-09	2.76E-08	6.56E-02	2.70E+00	0.00E+00	0.00E+00	8.49E+00	4.02E-03	1.33E+01	0.00E+00	9.99E-08	4.85E-08	2.75E-03	3.30E-07	1.53E+00	0.00E+00	1.33E+01	2.44E-06	1.33E+01	1.44E+01	1.53E+00	0.00E+00	0.00E+00	0.00E+00	3.36E+02
MES-CPSTOB85	3.91E-03	1.06E+00	4.82E-02	1.02E+00	0.00E+00	0.00E+00	1.22E+01	2.48E-05	7.12E-04	8.99E-03	0.00E+00	-4.45E-04	1.71E-09	2.76E-08	6.56E-02	2.70E+00	0.00E+00	0.00E+00	8.52E+00	6.43E-03	1.34E+01	0.00E+00	1.00E-07	4.86E-08	2.75E-03	3.26E-07	1.54E+00	0.00E+00	1.34E+01	2.46E-06	1.34E+01	1.45E+01	1.54E+00	0.00E+00	0.00E+00	0.00E+00	3.36E+02
MES-CPSTOB90	4.51E-03	1.20E+00	4.85E-02	1.15E+00	0.00E+00	0.00E+00	1.31E+01	2.63E-05	8.58E-04	9.71E-03	0.00E+00	-6.76E-04	1.79E-09	2.77E-08	6.87E-02	2.39E+00	0.00E+00	0.00E+00	8.90E+00	9.53E-03	1.44E+01	0.00E+00	1.11E-07	5.02E-08	2.84E-03	3.41E-07	1.60E+00	0.00E+00	1.44E+01	2.80E-06	1.44E+01	1.59E+01	1.60E+00	0.00E+00	0.00E+00	0.00E+00	3.22E+02
MES-CPT100	5.03E-04	2.58E-01	5.94E-02	1.34E-01	0.00E+00	0.00E+00	8.38E-01	1.68E-06	1.07E-04	1.10E-03	0.00E+00	-9.03E-03	1.53E-10	1.95E-09	6.54E-03	2.68E-01	0.00E+00	0.00E+00	5.64E-01	1.03E-01	1.44E+00	0.00E+00	1.30E-08	6.32E-09	2.73E-04	1.97E-08	8.02E-02	0.00E+00	1.44E+00	-8.56E-08	1.44E+00	1.52E+00	8.02E-02	0.00E+00	0.00E+00	0.00E+00	1.68E+01
MES-CPT30	1.22E-02	2.26E-01	8.19E-02	1.40E-01	0.00E+00	0.00E+00	1.93E+00	3.78E-06	8.95E-03	1.60E-03	0.00E+00	-6.50E-03	3.64E-10	8.76E-08	1.14E-02	4.52E-01	0.00E+00	0.00E+00	1.79E+00	8.04E-02	2.41E+00	0.00E+00	1.82E-08	8.76E-09	5.16E-04	2.29E-06	3.02E-01	0.00E+00	2.41E+00	2.03E-07	2.41E+00	3.16E+00	3.02E-01	0.00E+00	0.00E+00	0.00E+00	5.78E+01
MES-CPT40	2.60E-04	1.81E-01	6.91E-02	9.51E-02	0.00E+00	0.00E+00	5.20E-01	1.02E-06	7.92E-05	8.74E-04	0.00E+00	-7.65E-03	1.35E-10	1.55E-09	4.53E-03	1.58E-01	0.00E+00	0.00E+00	3.03E-01	1.04E-01	7.59E-01	0.00E+00	5.34E-09	2.22E-09	2.00E-04	2.40E-06	4.70E-02	0.00E+00	7.59E-01	-2.21E-07	7.59E-01	8.86E-01	4.70E-02	0.00E+00	0.00E+00	0.00E+00	1.20E+01
MES-CPT50	1.22E-02	2.26E-01	8.19E-02	1.40E-01	0.00E+00	0.00E+00	1.93E+00	3.78E-06	8.95E-03	1.60E-03	0.00E+00	-6.50E-03	3.64E-10	8.76E-08	1.14E-02	4.52E-01	0.00E+00	0.00E+00	1.79E+00	8.04E-02	2.41E+00	0.00E+00	1.82E-08	8.76E-09	5.16E-04	2.29E-06	3.02E-01	0.00E+00	2.41E+00	2.03E-07	2.41E+00	3.16E+00	3.02E-01	0.00E+00	0.00E+00	0.00E+00	5.78E+01
MES-CPT60	2.60E-04	1.81E-01	6.91E-02	9.51E-02	0.00E+00	0.00E+00	5.20E-01	1.02E-06	7.92E-05	8.74E-04	0.00E+00	-7.65E-03	1.35E-10	1.55E-09	4.53E-03	1.58E-01	0.00E+00	0.00E+00	3.03E-01	1.04E-01	7.59E-01	0.00E+00	5.34E-09	2.22E-09	2.00E-04	2.40E-06	4.70E-02	0.00E+00	7.59E-01	-2.21E-07	7.59E-01	8.86E-01	4.70E-02	0.00E+00	0.00E+00	0.00E+00	1.20E+01
MES-CPT70	1.22E-02	2.26E-01	8.19E-02	1.40E-01	0.00E+00	0.00E+00	1.93E+00	3.78E-06	8.95E-03	1.60E-03	0.00E+00	-6.50E-03	3.64E-10	8.76E-08	1.14E-02	4.52E-01	0.00E+00	0.00E+00	1.79E+00	8.04E-02	2.41E+00	0.00E+00	1.82E-08	8.76E-09	5.16E-04	2.29E-06	3.02E-01	0.00E+00	2.41E+00	2.03E-07	2.41E+00	3.16E+00	3.02E-01	0.00E+00	0.00E+00	0.00E+00	5.78E+01
MES-CPT80	1.95E-04	1.94E-01	7.38E-02	9.08E-02	0.00E+00	0.00E+00	3.13E-01	6.08E-07	7.07E-05	8.08E-04	0.00E+00	-9.15E-03	7.73E-11	1.32E-09	4.07E-03	1.16E-01	0.00E+00	0.00E+00	1.64E-01	1.20E-01	6.46E-01	0.00E+00	4.15E-09	1.41E-09	1.75E-04	2.57E-06	3.84E-02	0.00E+00	6.46E-01	-2.42E-07	6.46E-01	6.71E-01	3.84E-02	0.00E+00	0.00E+00	0.00E+00	7.89E+00
MES-CPT90	1.23E-02	2.42E-01	5.57E-02	1.77E-01	0.00E+00	0.00E+00	2.93E+00	5.82E-06	8.56E-03	1.65E-03	0.00E+00	-2.79E-03	4.27E-10	8.82E-08	1.64E-02	6.19E-01	0.00E+00	0.00E+00	2.49E+00	3.59E-02	3.33E+00	0.00E+00	2.41E-08	1.19E-08	6.44E-04	8.53E-07	4.38E-01	0.00E+00	3.33E+00	3.51E-07	3.33E+00	4.15E+00	4.38E-01	0.00E+00	0.00E+00	0.00E+00	7.01E+01
MES-DB3	1.26E-02	2.26E-01	8.19E-02	2.11E-01	0.00E+00	0.00E+00	2.15E+00	5.66E-06	8.93E-03	2.83E-03	0.00E+00	-7.16E-03	3.64E-10	8.76E-08	4.07E-02	1.35E+00	0.00E+00	0.00E+00	2.54E+00	9.33E-02	5.90E+00	0.00E+00	5.54E-08	2.02E-08	1.03E-03	2.56E-06	5.18E-01	0.00E+00	5.90E+00	3.37E-07	5.90E+00	5.32E+00	5.18E-01	0.00E+00	0.00E+00	0.00E+00	7.48E+01
MES-DB3K	1.26E-02	2.26E-01	8.19E-02	2.11E-01	0.00E+00	0.00E+00	2.15E+00	5.66E-06	8.93E-03	2.83E-03	0.00E+00	-7.16E-03	3.64E-10	8.76E-08	4.07E-02	1.35E+00	0.00E+00	0.00E+00	2.54E+00	9.33E-02	5.90E+00	0.00E+00	5.54E-08	2.02E-08	1.03E-03	2.56E-06	5.18E-01	0.00E+00	5.90E+00	3.37E-07	5.90E+00	5.32E+00	5.18E-01

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MES-ES40501	3.90E-02	8.39E+00	3.17E-01	8.54E+00	0.00E+00	0.00E+00	9.37E+01	1.77E-04	7.52E-03	8.65E-02	0.00E+00	-4.60E-03	1.15E-08	2.16E-07	5.65E-01	1.95E+01	0.00E+00	0.00E+00	6.68E+01	6.38E-02	1.27E+02	0.00E+00	9.53E-07	4.16E-07	2.25E-02	2.46E-06	1.10E+01	0.00E+00	1.27E+02	2.80E-05	1.27E+02	1.42E+02	1.10E+01	0.00E+00	0.00E+00	0.00E+00	2.47E+03
MES-ES40502	4.79E-02	1.43E+01	6.72E-01	1.42E+01	0.00E+00	0.00E+00	1.03E+02	2.18E-04	1.06E-02	1.28E-01	0.00E+00	-2.98E-03	1.89E-08	2.55E-07	6.75E-01	2.56E+01	0.00E+00	0.00E+00	9.07E+01	3.32E-01	1.66E+02	0.00E+00	1.40E-06	4.94E-07	3.22E-02	6.78E-06	1.60E+01	0.00E+00	1.66E+02	3.89E-05	1.66E+02	2.23E+02	1.60E+01	0.00E+00	0.00E+00	0.00E+00	3.60E+03
MES-ES40601	4.47E-02	1.34E+01	3.85E-01	1.25E+01	0.00E+00	0.00E+00	9.52E+01	1.59E-04	9.92E-03	1.22E-01	0.00E+00	-5.01E-03	1.21E-08	2.19E-07	5.20E-01	1.92E+01	0.00E+00	0.00E+00	6.20E+01	6.88E-02	1.24E+02	0.00E+00	9.62E-07	4.14E-07	2.69E-02	2.66E-06	1.04E+01	0.00E+00	1.24E+02	2.78E-05	1.24E+02	1.36E+02	1.04E+01	0.00E+00	0.00E+00	0.00E+00	2.38E+03
MES-ES40602	5.64E-02	1.45E+01	7.55E-01	1.45E+01	0.00E+00	0.00E+00	1.61E+02	3.02E-04	1.10E-02	1.33E-01	0.00E+00	-2.66E-02	3.02E-08	3.36E-07	8.29E-01	2.96E+01	0.00E+00	0.00E+00	1.10E+02	3.51E-01	1.86E+02	0.00E+00	1.59E-06	5.51E-07	3.40E-02	9.00E-06	1.97E+01	0.00E+00	1.86E+02	4.40E-05	1.86E+02	2.49E+02	1.97E+01	0.00E+00	0.00E+00	0.00E+00	4.32E+03
MES-ES40801	4.65E-02	1.44E+01	4.06E-01	1.33E+01	0.00E+00	0.00E+00	1.09E+02	1.85E-04	1.05E-02	1.28E-01	0.00E+00	-5.01E-03	1.43E-08	2.47E-07	5.79E-01	2.10E+01	0.00E+00	0.00E+00	6.99E+01	6.88E-02	1.36E+02	0.00E+00	1.02E-06	4.38E-07	2.81E-02	2.73E-06	1.17E+01	0.00E+00	1.36E+02	2.82E-05	1.36E+02	1.48E+02	1.17E+01	0.00E+00	0.00E+00	0.00E+00	2.69E+03
MES-ES40802	5.78E-02	1.48E+01	7.55E-01	1.48E+01	0.00E+00	0.00E+00	1.74E+02	3.41E-04	1.13E-02	1.36E-01	0.00E+00	-2.66E-02	3.01E-08	3.74E-07	9.01E-01	3.16E+01	0.00E+00	0.00E+00	1.19E+02	3.51E-01	1.99E+02	0.00E+00	1.68E-06	5.83E-07	3.47E-02	9.00E-06	2.13E+01	0.00E+00	1.99E+02	4.54E-05	1.99E+02	2.62E+02	2.13E+01	0.00E+00	0.00E+00	0.00E+00	4.64E+03
MES-ES40901	5.83E-02	1.42E+01	5.96E-01	1.33E+01	0.00E+00	0.00E+00	1.66E+02	3.42E-04	1.10E-02	1.32E-01	0.00E+00	-2.28E-02	3.12E-08	3.61E-07	8.56E-01	2.92E+01	0.00E+00	0.00E+00	1.10E+02	2.72E-01	1.82E+02	0.00E+00	1.39E-06	5.83E-07	3.16E-02	6.66E-06	1.92E+01	0.00E+00	1.82E+02	4.23E-05	1.82E+02	2.04E+02	1.92E+01	0.00E+00	0.00E+00	0.00E+00	4.10E+03
MES-ES501001	5.59E-02	1.46E+01	6.75E-01	1.46E+01	0.00E+00	0.00E+00	1.21E+02	2.43E-04	1.08E-02	1.30E-01	0.00E+00	-5.45E-03	2.99E-08	2.78E-07	7.25E-01	2.69E+01	0.00E+00	0.00E+00	9.45E+01	7.43E-02	1.76E+02	0.00E+00	1.48E-06	5.19E-07	3.32E-02	2.31E-06	1.67E+01	0.00E+00	1.76E+02	4.12E-05	1.76E+02	2.32E+02	1.67E+01	0.00E+00	0.00E+00	0.00E+00	3.81E+03
MES-ES501002	6.23E-02	1.58E+01	8.69E-01	1.53E+01	0.00E+00	0.00E+00	1.99E+02	4.03E-04	1.26E-02	1.48E-01	0.00E+00	-2.76E-02	3.03E-08	4.43E-07	1.06E+00	3.68E+01	0.00E+00	0.00E+00	1.42E+02	3.71E-01	2.32E+02	0.00E+00	1.88E-06	6.97E-07	3.93E-02	9.87E-06	2.48E+01	0.00E+00	2.32E+02	5.23E-05	2.32E+02	2.93E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	5.34E+03
MES-ES50501	4.34E-02	8.83E+00	4.31E-01	9.06E+00	0.00E+00	0.00E+00	9.24E+01	1.90E-04	8.66E-03	9.12E-02	0.00E+00	-4.96E-03	1.12E-08	2.16E-07	5.46E-01	2.06E+01	0.00E+00	0.00E+00	7.67E+01	7.00E-02	1.40E+02	0.00E+00	1.24E-06	4.14E-07	2.83E-02	2.07E-06	1.36E+01	0.00E+00	1.40E+02	3.46E-05	1.40E+02	1.97E+02	1.36E+01	0.00E+00	0.00E+00	0.00E+00	2.93E+03
MES-ES50502	4.75E-02	1.46E+01	6.70E-01	1.45E+01	0.00E+00	0.00E+00	1.02E+02	2.18E-04	1.04E-02	1.29E-01	0.00E+00	-5.45E-03	2.73E-08	2.55E-07	6.74E-01	2.56E+01	0.00E+00	0.00E+00	9.06E+01	7.43E-02	1.66E+02	0.00E+00	1.39E-06	4.81E-07	3.22E-02	2.31E-06	1.59E+01	0.00E+00	1.66E+02	3.92E-05	1.66E+02	2.23E+02	1.59E+01	0.00E+00	0.00E+00	0.00E+00	3.61E+03
MES-ES50601	4.67E-02	1.39E+01	4.75E-01	1.42E+01	0.00E+00	0.00E+00	8.84E+01	1.76E-04	1.00E-02	1.24E-01	0.00E+00	-5.08E-03	1.15E-08	2.10E-07	5.23E-01	2.04E+01	0.00E+00	0.00E+00	7.08E+01	6.95E-02	1.40E+02	0.00E+00	1.25E-06	4.25E-07	3.11E-02	2.15E-06	1.27E+01	0.00E+00	1.40E+02	3.43E-05	1.40E+02	1.97E+02	1.27E+01	0.00E+00	0.00E+00	0.00E+00	2.98E+03
MES-ES50602	5.65E-02	1.44E+01	7.57E-01	1.44E+01	0.00E+00	0.00E+00	1.32E+02	2.63E-04	1.06E-02	1.32E-01	0.00E+00	-2.66E-02	3.00E-08	3.05E-07	7.60E-01	2.81E+01	0.00E+00	0.00E+00	1.02E+02	3.56E-01	1.80E+02	0.00E+00	1.52E-06	5.28E-07	3.37E-02	9.06E-06	1.78E+01	0.00E+00	1.80E+02	4.18E-05	1.80E+02	2.38E+02	1.78E+01	0.00E+00	0.00E+00	0.00E+00	4.05E+03
MES-ES50801	4.77E-02	1.46E+01	6.63E-01	1.45E+01	0.00E+00	0.00E+00	1.02E+02	2.18E-04	1.05E-02	1.28E-01	0.00E+00	-5.45E-03	1.84E-08	2.55E-07	6.72E-01	2.56E+01	0.00E+00	0.00E+00	9.06E+01	7.43E-02	1.65E+02	0.00E+00	1.40E-06	4.87E-07	3.23E-02	2.27E-06	1.60E+01	0.00E+00	1.65E+02	3.90E-05	1.65E+02	2.22E+02	1.60E+01	0.00E+00	0.00E+00	0.00E+00	3.60E+03
MES-ES50802	5.69E-02	1.51E+01	7.74E-01	1.50E+01	0.00E+00	0.00E+00	1.66E+02	3.72E-04	1.17E-02	1.42E-01	0.00E+00	-2.78E-02	3.02E-08	4.11E-07	9.75E-01	3.40E+01	0.00E+00	0.00E+00	1.30E+02	3.71E-01	2.12E+02	0.00E+00	1.72E-06	6.26E-07	3.65E-02	9.21E-06	2.24E+01	0.00E+00	2.12E+02	4.83E-05	2.12E+02	2.73E+02	2.24E+01	0.00E+00	0.00E+00	0.00E+00	4.99E+03
MES-ES50901	5.05E-02	1.46E+01	6.72E-01	1.46E+01	0.00E+00	0.00E+00	1.03E+02	2.22E-04	1.06E-02	1.29E-01	0.00E+00	-5.45E-03	2.89E-08	2.56E-07	6.78E-01	2.58E+01	0.00E+00	0.00E+00	9.09E+01	7.43E-02	1.67E+02	0.00E+00	1.41E-06	4.92E-07	3.25E-02	2.31E-06	1.61E+01	0.00E+00	1.67E+02	3.90E-05	1.67E+02	2.24E+02	1.61E+01	0.00E+00	0.00E+00	0.00E+00	3.65E+03
MES-ES50902	6.12E-02	1.56E+01	7.80E-01	1.52E+01	0.00E+00	0.00E+00	1.93E+02	3.68E-04	1.23E-02	1.46E-01	0.00E+00	-2.78E-02	3.03E-08	4.26E-07	1.01E+00	3.55E+01	0.00E+00	0.00E+00	1.38E+02	3.71E-01	2.23E+02	0.00E+00	1.81E-06	6.72E-07	3.84E-02	9.35E-06	2.34E+01	0.00E+00	2.23E+02	5.15E-05	2.23E+02	2.85E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	5.19E+03
MES-ES601001	5.76E-02	1.48E+01	7.52E-01	1.49E+01	0.00E+00	0.00E+00	1.79E+02	3.53E-04	1.15E-02	1.37E-01	0.00E+00	-2.64E-02	3.00E-08	3.85E-07	9.31E-01	3.27E+01	0.00E+00	0.00E+00	1.23E+02	3.46E-01	2.00E+02	0.00E+00	1.69E-06	6.02E-07	3.53E-02	8.82E-06	2.16E+01	0.00E+00	2.00E+02	4.68E-05	2.00E+02	2.65E+02	2.16E+01	0.00E+00	0.00E+00	0.00E+00	4.81E+03
MES-ES601002	6.60E-02	1.66E+01	1.12E+00	1.64E+01	0.00E+00	0.00E+00	2.11E+02	4.38E-04	1.40E-02	1.54E-01	0.00E+00	-5.45E-03	3.35E-08	4.67E-07	1.15E+00	4.08E+01	0.00E+00	0.00E+00	1.55E+02	7.92E-02	2.47E+02	0.00E+00	2.02E-06	7.76E-07	4.23E-02	2.39E-06	2.70E+01	0.00E+00	2.47E+02	5.46E-05	2.47E+02	3.04E+02	2.70E+01	0.00E+00	0.00E+00	0.00E+00	5.73E+03
MES-ES60601	4.76E-02	1.47E+01	6.50E-01	1.45E+01	0.00E+00	0.00E+00	1.02E+02	2.19E-04	1.05E-02	1.28E-01	0.00E+00	-5.45E-03	1.85E-08	2.54E-07	6.73E-01	2.55E+01	0.00E+00	0.00E+00	9.19E+01	7.43E-02	1.66E+02	0.00E+00	1.39E-06	4.81E-07	3.21E-02	2.15E-06	1.60E+01	0.00E+00	1.66E+02	3.91E-05	1.66E+02	2.23E+02	1.60E+01	0.00E+00	0.00E+00	0.00E+00	3.66E+03
MES-ES60602	5.89E-02	1.51E+01	7.49E-01	1.49E+01	0.00E+00	0.00E+00	1.66E+02	3.70E-04	1.18E-02	1.42E-01	0.00E+00	-2.65E-02	2.99E-08	4.06E-07	9.76E-01	3.41E+01	0.00E+00	0.00E+00	1.29E+02	3.51E-01	2.13E+02	0.00E+00	1.73E-06	6.28E-07	3.67E-02	9.02E-06	2.24E+01	0.00E+00	2.13E+02	4.82E-05	2.13E+02	2.74E+02	2.24E+01	0.00E+00	0.00E+00	0.00E+00	4.98E+03
MES-ES60801	5.59E-02	1.46E+01	6.61E-01	1.46E+01	0.00E+00	0.00E+00	1.22E+02	2.43E-04	1.08E-02	1.30E-01	0.00E+00	-2.11E-02	2.99E-08	2.78E-07	7.26E-01	2.70E+01	0.00E+00	0.00E+00	9.46E+01	2.85E-01	1.76E+02	0.00E+00	1.48E-06	5.19E-07	3.32E-02	7.46E-06	1.68E+01	0.00E+00	1.76E+02	4.12E-05	1.76E+02	2.32E+02	1.68E+01	0.00E+00	0.00E+00	0.00E+00	3.81E+03
MES-ES60802	6.23E-02	1.58E+01	8.68E-01	1.53E+01	0.00E+00	0.00E+00	1.99E+02	4.03E-04	1.26E-02	1.48E-01	0.00E+00	-2.76E-02	3.03E-08	4.43E-07	1.05E+00	3.65E+01	0.00E+00	0.00E+00	1.42E+02	3.71E-01	2.32E+02	0.00E+00	1.88E-06	6.97E-07	3.93E-02	9.87E-06	2.41E+01	0.00E+00	2.32E+02	5.23E-05	2.32E+02	2.93E+02	2.41E+01	0.00E+00	0.00E+00	0.00E+00	5.34E+03
MES-ES60901	5.65E-02	1.45E+01	6.79E-01	1.46E+01	0.00E+00	0.00E+00	1.65E+02	3.18E-04	1.11E-02	1.34E-01	0.00E+00	-2.11E-02	2.97E-08	3.45E-07	8.55E-01	3.02E+01	0.00E+00	0.00E+00	1.10E+02	2.85E-01	1.90E+02	0.00E+00	1.62E-06	5.64E-07	3.45E-02	7.40E-06	2.02E+01	0.00E+00	1.90E+02	4.45E-05	1.90E+02	2.54E+02	2.02E+01	0.00E+00	0.00E+00	0.00E+00	4.34E+03
MES-ES60902	6.38E-02	1.60E+01	8.81E-01	1.58E+01	0.00E+00	0.00E+00	2.05E+02	4.19E-04	1.33E-02	1.52E-01	0.00E+00	-2.85E-02	3.03E-08	4.55E-07	1.12E+00	3.91E+01	0.00E+00	0.00E+00	1.50E+02	3.79E-01	2.42E+02	0.00E+00	1.94E-06	7.47E-07	4.13E-02	1.03E-05	2.57E+01	0.00E+00	2.42E+02	5.43E-05	2.42E+02	3.02E+02	2.57E+01	0.00E+00	0.00E+00	0.00E+00	5.61E+03
MES-ES801001	6.38E-02	1.61E+01	8.59E-01	1.57E+01	0.00E+00	0.00E+00	2.05E+02	4.19E-04	1.33E-02	1.51E-01	0.00E+00	-2.85E-02	3.03E-08	4.54E-07	1.11E+00	3.88E+01	0.00E+00	0.00E+00	1.50E+02	3.56E-01	2.42E+02	0.00E+00	1.95E-06	7.46E-07	4.11E-02	9.42E-06	2.53E+01	0.00E+00	2.42E+02	5.41E-05	2.42E+02	3.02E+02	2.53E+01	0.00E+00	0.00E+00	0.00E+00	5.56E+03
MES-ES801002	7.22E-02	1.72E+01	1.17E+00	1.68E+01	0.00E+00	0.00E+00	2.33E+02	4.73E-04	1.44E-02	1.63E-01	0.00E+00	-3.42E-02	3.04E-08	5.13E-07	1.25E+00	4.34E+01	0.00E+00	0.00E+00	1.66E+02	4.45E-01	2.65E+02	0.00E+00	2.12E-06	8.29E-07	4.51E-02	1.35E-05	2.90E+01	0.00E+00	2.65E+02	5.83E-05	2.65E+02	3.28E+02	2.90E+01	0.00E+00	0.00E+00	0.00E+00	6.22E+03
MES-ES80801	6.11E-02	1.58E+01	6.70E-01	1.54E+01	0.00E+00	0.00E+00	1.89E+02	3.85E-04	1.23E-02	1.46E-01	0.00E+00	-2.11E-02	2.99E-08	4.17E-07	1.00E+00	3.53E+01	0.00E+00	0.00E+00	1.36E+02	2.90E-01	2.23E+02	0.00E+00	1.82E-06	6.69E-07	3.83E-02	7.54E-06	2.34E+01	0.00E+00	2.23E+02	5.17E-05	2.23E+02	2.85E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	5.15E+03
MES-ES80802	6.66E-02	1.66E+01	1.14E+00	1.62E+01	0.00E+00	0.00E+00	2.16E+02	4.42E-04	1.36E-02	1.58E-01	0.00E+00	-2.83E-02	2.97E-08	4.75E-07	1.15E+00	4.08E+01	0.00E+00	0.00E+00	1.55E+02	3.74E-01	2.51E+02	0.00E+00	2.01E-06	7.78E-07	4.28E-02	1.02E-05	2.65E+01	0.00E+00	2.51E+02	5.54E-05	2.51E+02	3.10E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	5.82E+03
MES-ES80901	6.12E-02	1.56E+01	7.54E-01	1.52E+01	0.00E+00	0.00E+00	1.93E+02	3.90E-04	1.24E-02	1.46E-01	0.00E+00	-2.85E-02	3.04E-08	4.26E-07	1.02E+00	3.57E+01	0.00E+00	0.00E+00	1.38E+02	3.55E-01	2.22E+02	0.00E+00	1.84E-06	6.77E-07	3.86E-02	9.20E-06	2.38E+01	0.00E+00	2.22E+02	5.17E-05	2.22E+02	2.87E+02	2.38E+01	0.00E+00	0.00E+00	0.00E+00	5.21E+03
MES-ES80902	6.93E-02	1.67E+01	1.14E+00	1.63E+01	0.00E+00	0.00E+00	2.24E+02	4.60E-04	1.39E-02	1.59E-01	0.00E+00	-3.41E-02	3.03E-08	4.97E-07	1.21E+00	4.20E+01	0.00E+00	0.00E+00	1.60E+02	4.42E-01	2.58E+02	0.00E+00	2.06E-06	7.91E-07	4.32E-02	1.26E-05	2.79E+01	0.00E+00	2.58E+02	5.59E-05	2.58E+02	3.16E+02	2.79E+01	0.00E+00	0.00E+00	0.00E+00	6.01E+03
MES-ES901001	6.58E-02	1.64E+01	1.12E+00	1.60E+01	0.00E+00	0.00E+00	2.13E+02	4.37E-04	1.37E-02	1.54E-01	0.00E+00	-2.84E-02	3.03E-08	4.70E-07	1.14E+00	4.02E+01	0.00E+00	0.00E+00	1.53E+02	3.75E-01	2.48E+02	0.00E+00	1.99E-06	7.66E-07	4.23E-02	1.03E-05	2.62E+01	0.00E+00	2.48E+02	5.43E-05	2.48E+02	3.07E+02	2.62E+01	0.00E+00	0.00E+00	0.00E+00	5.66E+03
MES-ES901002	7.47E-02	1.74E+01	1.32E+00	1.70E+01	0.00E+00	0.00E+00	2.36E+02	4.80E-04	1.45E-02	1.64E-01	0.00E+00	-3.51E-02	3.30E-08	5.21E-07	1.26E+00	4.39E+01	0.00E+00	0.00E+00	1.67E+02	4.63E-01	2.69E+02	0.00E+00	2.15E-06	8.41E-07	4.53E-02	1.45E-05	2.93E+01	0.00E+00	2.69E+02	5.83E-05	2.69E+02	3.32E+02	2.93E+01	0.00E+00	0.00E+00	0.00E+00	6.29E+03
MES-ES90901	6.57E-02	1.63E+01	1.11E+00	1.60E+01	0.00E+00	0.00E+00	2.13E+02	4.36E-04	1.36E-02	1.53E-01	0.00E+00	-2.65E-02	2.99E-08	4.69E-07	1.14E+00	4.02E+01	0.00E+00	0.00E+00	1.53E+02	3.55E-01	2.48E+02	0.00E+00	1.99E-06	7.66E-07	4.22E-02	9.42E-06	2.61E+01	0.00E+00	2.48E+02	5.43E-05	2.48E+02	3.06E+02	2.61E+01	0.00E+00	0.00E+00	0.00E+00	5.66E+03
MES-ES90902	7.00E-02	1.73E+01	1.16E+00	1.68E+01	0.00E+00	0.00E+00	2.27E+02	4.58E-04	1.44E-02	1.62E-01	0.00E+00	-2.96E-02	3.00E-08	4.95E-07	1.20E+00	4.25E+01	0.00E+00	0.00E+00	1.62E+02	3.88E-01	2.60E+02	0.00E+00	2.08E-06	8.25E-07	4.50E-02	1.14E-05	2.76E+01	0.00E+00	2.60E+02	5.82E-05	2.60E+02	3.20E+02	2.76E+01	0.00E+00	0.00E+00	0.00E+00	6.06E+03
MES-FLA02	1.39E-03	3.00E-01	3.28E-02	2.63E-01	0.00E+00	0.00E+00	4.20E+00	8.28E-06	3.12E-04	2.61E-03	0.00E+00	-1.41E-02	5.22E-10	1.01E-08	2.17E-02	7.36E-01	0.00E+00	0.00E+00	2.74E+00	2.15E-01	4.42E+00	0.00E+00	3.27E-08	1.40E-08	7.65E-04	3.91E-06	4.89E-01	0.00E+00	4.42E+00	2.81E-07	4.42E+00	5.05E+00	4.89E-01	0.00E+00	0.00E+00	0.00E+00	9.22E+01
MES-FLA04	2.10E-03	2.76E-01	7.84E-02	2.12E-01	0.00E+00	0.00E+00	6.97E+00	1.30E-05	4.42E-04	2.24E-03	0.00E+00	-1.47E-03	5.61E-10	1.52E-08	2.64E-02	9.82E-01	0.00E+00	0.00E+00	3.92E+00	2.29E-02	4.88E+00	0.00E+00	3.31E-08	1.23E-08	6.32E-04	7.40E-07	9.25E-01	0.00E+00	4.88E+00	1.09E-06	4.88E+00	6.06E+00	9.25E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MES-FLL	1.77E-03	5.32E-01	3.66E-02	4.91E-01	0.00E+00	0.00E+00	6.58E+00	1.25E-05	4.28E-04	4.73E-03	0.00E+00	-2.84E-03	1.21E-09	1.30E-08	3.40E-02	1.13E+00	0.00E+00	0.00E+00	4.35E+00	4.03E-02	7.37E+00	0.00E+00	5.49E-09	2.42E-08	1.29E-03	9.84E-07	7.19E-01	0.00E+00	7.37E+00	2.24E-07	7.37E+00	8.11E+00	7.19E-01	0.00E+00	0.00E+00	0.00E+00	1.59E+02
MES-FLLE	1.97E-03	8.17E-01	7.59E-02	5.67E-01	0.00E+00	0.00E+00	7.80E+00	1.54E-05	4.27E-04	5.48E-03	0.00E+00	-5.07E-03	1.44E-09	1.48E-08	4.04E-02	2.08E+00	0.00E+00	0.00E+00	6.34E+00	6.55E-02	9.16E+00	0.00E+00	6.46E-08	3.05E-08	1.57E-03	1.16E-06	1.09E+00	0.00E+00	9.16E+00	2.15E-07	9.16E+00	9.72E+00	1.09E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+02
MES-FLMB100	4.06E-03	1.21E+00	4.53E-02	1.15E+00	0.00E+00	0.00E+00	9.46E+00	2.27E-05	8.18E-04	9.62E-03	0.00E+00	-7.50E-03	1.13E-09	2.34E-08	6.47E-02	2.26E+00	0.00E+00	0.00E+00	8.79E+00	1.08E-01	1.37E+01	0.00E+00	1.08E-07	4.83E-08	2.78E-03	1.76E-06	1.54E+00	0.00E+00	1.37E+01	1.77E-06	1.37E+01	1.58E+01	1.54E+00	0.00E+00	0.00E+00	0.00E+00	3.04E+02
MES-FLMB90	2.10E-03	7.87E-01	4.49E-02	5.63E-01	0.00E+00	0.00E+00	6.42E+00	1.29E-05	4.36E-04	5.15E-03	0.00E+00	-1.62E-02	1.20E-09	1.77E-08	3.48E-02	1.22E+00	0.00E+00	0.00E+00	4.66E+00	2.21E-01	7.83E+00	0.00E+00	5.60E-08	2.36E-08	1.30E-03	5.66E-06	7.78E-01	0.00E+00	7.83E+00	6.23E-07	7.83E+00	8.56E+00	7.78E-01	0.00E+00	0.00E+00	0.00E+00	1.64E+02
MES-FT10016	5.96E-02	1.52E+01	5.85E-01	1.33E+01	0.00E+00	0.00E+00	1.76E+02	3.70E-04	1.11E-02	1.37E-01	0.00E+00	-8.56E-03	2.24E-08	3.81E-07	9.34E-01	3.19E+01	0.00E+00	0.00E+00	1.18E+02	1.20E-01	2.05E+02	0.00E+00	1.47E-06	6.28E-07	3.29E-02	3.31E-06	2.07E+01	0.00E+00	2.05E+02	4.36E-05	2.05E+02	2.13E+02	2.07E+01	0.00E+00	0.00E+00	0.00E+00	4.30E+03
MES-FT1002	6.47E-03	1.70E+00	1.51E-01	1.45E+00	0.00E+00	0.00E+00	2.08E+01	4.19E-05	1.27E-03	1.47E-02	0.00E+00	-2.93E-03	4.37E-09	4.75E-08	1.05E-01	3.47E+00	0.00E+00	0.00E+00	1.59E+01	2.81E-02	2.20E+01	0.00E+00	1.61E-07	7.28E-08	4.10E-03	1.63E-06	2.39E+00	0.00E+00	2.20E+01	6.19E-06	2.20E+01	2.43E+01	2.39E+00	0.00E+00	0.00E+00	0.00E+00	5.76E+02
MES-FT10020	6.67E-02	1.59E+01	1.12E+00	1.55E+01	0.00E+00	0.00E+00	2.24E+02	4.68E-04	1.27E-02	1.45E-01	0.00E+00	-9.77E-03	2.32E-08	4.74E-07	1.23E+00	4.04E+01	0.00E+00	0.00E+00	1.47E+02	1.31E-01	2.68E+02	0.00E+00	1.82E-06	7.66E-07	4.10E-02	3.49E-06	2.51E+01	0.00E+00	2.68E+02	5.24E-05	2.68E+02	2.61E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	5.14E+03
MES-FT3016	7.06E-03	2.51E+00	2.71E-01	1.69E+00	0.00E+00	0.00E+00	2.31E+01	4.52E-05	1.36E-03	1.58E-02	0.00E+00	-3.19E-03	4.89E-09	5.29E-08	1.15E-01	3.70E+00	0.00E+00	0.00E+00	1.69E+01	2.66E-02	2.40E+01	0.00E+00	1.73E-07	7.91E-08	4.30E-03	2.13E-06	2.61E+00	0.00E+00	2.40E+01	3.54E-06	2.40E+01	2.63E+01	2.61E+00	0.00E+00	0.00E+00	0.00E+00	6.36E+02
MES-FT3020	1.39E-02	3.31E+00	2.18E-01	2.95E+00	0.00E+00	0.00E+00	4.29E+01	8.57E-05	2.69E-03	2.90E-02	0.00E+00	-9.42E-04	5.67E-09	9.10E-08	2.28E-01	7.63E+00	0.00E+00	0.00E+00	2.99E+01	1.00E-02	4.60E+01	0.00E+00	3.45E-07	1.55E-07	8.16E-03	8.65E-07	4.95E+00	0.00E+00	4.60E+01	1.03E-05	4.60E+01	5.24E+01	4.95E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+03
MES-FT4016	1.97E-02	4.27E+00	1.89E-01	4.05E+00

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MES-MP13522	1.67E-01	4.07E+01	2.07E+00	3.61E+01	0.00E+00	0.00E+00	6.71E+02	1.19E-03	3.95E-02	4.35E-01	0.00E+00	-6.22E-03	7.02E-08	1.11E-06	3.33E+00	1.10E+02	0.00E+00	0.00E+00	3.99E+02	8.89E-02	6.23E+02	0.00E+00	4.27E-05	2.12E-06	1.09E-01	7.35E-06	7.05E+01	0.00E+00	6.23E+02	1.35E-04	6.23E+02	5.82E+02	7.05E+01	0.00E+00	0.00E+00	0.00E+00	1.19E+04
MES-MP14018	1.78E-01	3.81E+01	1.93E+00	3.43E+01	0.00E+00	0.00E+00	6.30E+02	1.10E-03	3.63E-02	4.12E-01	0.00E+00	-6.45E-03	6.76E-08	1.10E-06	3.13E+00	1.04E+02	0.00E+00	0.00E+00	3.80E+02	9.23E-02	5.95E+02	0.00E+00	4.05E-05	1.98E-06	1.03E-01	7.00E-06	6.63E+01	0.00E+00	5.95E+02	1.28E-04	5.95E+02	5.81E+02	6.63E+01	0.00E+00	0.00E+00	0.00E+00	1.13E+04
MES-MP14022	1.92E-01	4.24E+01	2.41E+00	3.84E+01	0.00E+00	0.00E+00	6.88E+02	1.18E-03	4.11E-02	4.43E-01	0.00E+00	-6.61E-03	7.30E-08	1.12E-06	3.39E+00	1.13E+02	0.00E+00	0.00E+00	4.01E+02	9.38E-02	6.41E+02	0.00E+00	4.24E-05	2.20E-06	1.13E-01	7.65E-06	7.21E+01	0.00E+00	6.41E+02	1.42E-04	6.41E+02	5.84E+02	7.21E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+04
MES-MP15018	1.78E-01	3.85E+01	1.95E+00	3.47E+01	0.00E+00	0.00E+00	6.44E+02	1.11E-03	3.71E-02	4.17E-01	0.00E+00	-6.50E-03	6.93E-08	1.11E-06	3.17E+00	1.05E+02	0.00E+00	0.00E+00	3.84E+02	9.23E-02	6.02E+02	0.00E+00	4.13E-05	2.01E-06	1.05E-01	7.18E-06	6.72E+01	0.00E+00	6.02E+02	1.30E-04	6.02E+02	5.84E+02	6.72E+01	0.00E+00	0.00E+00	0.00E+00	1.15E+04
MES-MP15022	2.02E-01	4.61E+01	2.64E+00	4.05E+01	0.00E+00	0.00E+00	7.13E+02	1.22E-03	4.29E-02	4.70E-01	0.00E+00	-6.81E-03	7.42E-08	1.15E-06	3.49E+00	1.17E+02	0.00E+00	0.00E+00	4.09E+02	9.38E-02	6.78E+02	0.00E+00	4.55E-05	2.30E-06	1.21E-01	7.65E-06	7.49E+01	0.00E+00	6.78E+02	1.49E-04	6.78E+02	6.03E+02	7.49E+01	0.00E+00	0.00E+00	0.00E+00	1.35E+04
MES-MP16018	1.86E-01	4.05E+01	2.07E+00	3.60E+01	0.00E+00	0.00E+00	6.71E+02	1.15E-03	3.94E-02	4.33E-01	0.00E+00	-6.61E-03	6.99E-08	1.11E-06	3.33E+00	1.10E+02	0.00E+00	0.00E+00	3.93E+02	9.38E-02	6.25E+02	0.00E+00	4.24E-05	2.12E-06	1.09E-01	7.39E-06	7.07E+01	0.00E+00	6.25E+02	1.35E-04	6.25E+02	5.84E+02	7.07E+01	0.00E+00	0.00E+00	0.00E+00	1.19E+04
MES-MP16022	2.02E-01	4.61E+01	2.66E+00	4.05E+01	0.00E+00	0.00E+00	7.15E+02	1.22E-03	4.30E-02	4.71E-01	0.00E+00	-6.61E-03	7.44E-08	1.15E-06	3.54E+00	1.17E+02	0.00E+00	0.00E+00	4.09E+02	9.38E-02	6.82E+02	0.00E+00	4.60E-05	2.32E-06	1.22E-01	1.08E-05	7.49E+01	0.00E+00	6.82E+02	1.49E-04	6.82E+02	6.03E+02	7.49E+01	0.00E+00	0.00E+00	0.00E+00	1.35E+04
MES-MP5018	7.39E-02	1.51E+01	1.08E+00	1.46E+01	0.00E+00	0.00E+00	2.35E+02	4.49E-04	1.47E-02	1.64E-01	0.00E+00	-2.35E-03	3.64E-08	5.12E-07	1.29E+00	4.33E+01	0.00E+00	0.00E+00	1.74E+02	4.66E-02	2.59E+02	0.00E+00	1.84E-05	8.29E-07	4.37E-02	3.26E-06	2.72E+01	0.00E+00	2.59E+02	5.60E-05	2.59E+02	2.73E+02	2.72E+01	0.00E+00	0.00E+00	0.00E+00	5.73E+03
MES-MP5020	7.72E-02	1.57E+01	1.12E+00	1.52E+01	0.00E+00	0.00E+00	2.47E+02	4.64E-04	1.53E-02	1.71E-01	0.00E+00	-2.63E-03	3.86E-08	5.30E-07	1.34E+00	4.53E+01	0.00E+00	0.00E+00	1.82E+02	4.94E-02	2.69E+02	0.00E+00	1.92E-05	8.79E-07	4.56E-02	3.97E-06	2.84E+01	0.00E+00	2.69E+02	6.09E-05	2.69E+02	2.85E+02	2.84E+01	0.00E+00	0.00E+00	0.00E+00	6.07E+03
MES-MP5022	7.79E-02	1.58E+01	1.31E+00	1.52E+01	0.00E+00	0.00E+00	2.50E+02	4.69E-04	1.55E-02	1.73E-01	0.00E+00	-2.86E-03	4.27E-08	5.36E-07	1.35E+00	4.57E+01	0.00E+00	0.00E+00	1.84E+02	5.16E-02	2.72E+02	0.00E+00	1.94E-05	8.90E-07	4.63E-02	4.50E-06	2.91E+01	0.00E+00	2.72E+02	6.13E-05	2.72E+02	2.91E+02	2.91E+01	0.00E+00	0.00E+00	0.00E+00	6.12E+03
MES-MP5518	7.72E-02	1.57E+01	1.12E+00	1.50E+01	0.00E+00	0.00E+00	2.47E+02	4.64E-04	1.53E-02	1.71E-01	0.00E+00	-2.63E-03	3.86E-08	5.30E-07	1.34E+00	4.53E+01	0.00E+00	0.00E+00	1.82E+02	4.94E-02	2.69E+02	0.00E+00	1.92E-05	8.79E-07	4.59E-02	3.97E-06	2.84E+01	0.00E+00	2.69E+02	6.09E-05	2.69E+02	2.85E+02	2.84E+01	0.00E+00	0.00E+00	0.00E+00	6.07E+03
MES-MP5520	7.79E-02	1.58E+01	1.31E+00	1.53E+01	0.00E+00	0.00E+00	2.56E+02	4.77E-04	1.56E-02	1.75E-01	0.00E+00	-3.28E-03	4.27E-08	5.39E-07	1.37E+00	4.58E+01	0.00E+00	0.00E+00	1.86E+02	5.76E-02	2.74E+02	0.00E+00	1.95E-05	8.93E-07	4.65E-02	5.26E-06	2.95E+01	0.00E+00	2.74E+02	6.25E-05	2.74E+02	2.91E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	6.21E+03
MES-MP5522	1.20E-01	2.41E+01	1.43E+00	2.37E+01	0.00E+00	0.00E+00	3.69E+02	7.43E-04	2.31E-02	2.49E-01	0.00E+00	-4.00E-03	4.48E-08	7.95E-07	1.99E+00	6.85E+01	0.00E+00	0.00E+00	2.68E+02	6.64E-02	4.04E+02	0.00E+00	2.73E-05	1.32E-06	6.71E-02	6.08E-06	4.34E+01	0.00E+00	4.04E+02	8.85E-05	4.04E+02	4.44E+02	4.34E+01	0.00E+00	0.00E+00	0.00E+00	8.67E+03
MES-MP6018	7.87E-02	1.59E+01	1.31E+00	1.54E+01	0.00E+00	0.00E+00	2.58E+02	4.75E-04	1.58E-02	1.73E-01	0.00E+00	-3.46E-03	4.27E-08	5.47E-07	1.39E+00	4.80E+01	0.00E+00	0.00E+00	1.91E+02	6.13E-02	2.75E+02	0.00E+00	1.99E-05	9.05E-07	4.66E-02	4.50E-06	2.99E+01	0.00E+00	2.75E+02	6.46E-05	2.75E+02	2.95E+02	2.99E+01	0.00E+00	0.00E+00	0.00E+00	6.12E+03
MES-MP6020	1.22E-01	2.42E+01	1.43E+00	2.41E+01	0.00E+00	0.00E+00	3.77E+02	7.44E-04	2.31E-02	2.48E-01	0.00E+00	-4.47E-03	4.46E-08	8.10E-07	2.03E+00	7.07E+01	0.00E+00	0.00E+00	2.69E+02	7.54E-02	4.11E+02	0.00E+00	2.80E-05	1.33E-06	6.73E-02	5.91E-06	4.37E+01	0.00E+00	4.11E+02	9.14E-05	4.11E+02	4.49E+02	4.37E+01	0.00E+00	0.00E+00	0.00E+00	8.52E+03
MES-MP6022	1.28E-01	2.62E+01	1.47E+00	2.55E+01	0.00E+00	0.00E+00	3.98E+02	7.86E-04	2.46E-02	2.60E-01	0.00E+00	-4.47E-03	4.49E-08	8.54E-07	2.15E+00	7.41E+01	0.00E+00	0.00E+00	2.85E+02	7.54E-02	4.38E+02	0.00E+00	3.00E-05	1.42E-06	7.22E-02	5.93E-06	4.68E+01	0.00E+00	4.38E+02	9.48E-05	4.38E+02	4.76E+02	4.68E+01	0.00E+00	0.00E+00	0.00E+00	9.00E+03
MES-MP6518	1.21E-01	2.40E+01	1.42E+00	2.39E+01	0.00E+00	0.00E+00	3.75E+02	7.40E-04	2.30E-02	2.45E-01	0.00E+00	-4.47E-03	4.38E-08	8.05E-07	2.02E+00	7.04E+01	0.00E+00	0.00E+00	2.67E+02	7.54E-02	4.08E+02	0.00E+00	2.79E-05	1.32E-06	6.67E-02	5.91E-06	4.31E+01	0.00E+00	4.08E+02	9.06E-05	4.08E+02	4.47E+02	4.31E+01	0.00E+00	0.00E+00	0.00E+00	8.44E+03
MES-MP6520	1.28E-01	2.62E+01	1.47E+00	2.53E+01	0.00E+00	0.00E+00	3.95E+02	7.83E-04	2.43E-02	2.58E-01	0.00E+00	-4.47E-03	4.49E-08	8.51E-07	2.14E+00	7.37E+01	0.00E+00	0.00E+00	2.83E+02	7.54E-02	4.36E+02	0.00E+00	2.98E-05	1.41E-06	7.19E-02	5.93E-06	4.64E+01	0.00E+00	4.36E+02	9.44E-05	4.36E+02	4.75E+02	4.64E+01	0.00E+00	0.00E+00	0.00E+00	8.88E+03
MES-MP6522	1.29E-01	2.63E+01	1.47E+00	2.58E+01	0.00E+00	0.00E+00	4.05E+02	7.99E-04	2.48E-02	2.74E-01	0.00E+00	-4.69E-03	5.55E-08	8.70E-07	2.18E+00	7.51E+01	0.00E+00	0.00E+00	2.87E+02	7.78E-02	4.47E+02	0.00E+00	3.12E-05	1.44E-06	7.39E-02	6.25E-06	4.77E+01	0.00E+00	4.47E+02	9.82E-05	4.47E+02	4.83E+02	4.77E+01	0.00E+00	0.00E+00	0.00E+00	9.41E+03
MES-MP67518	1.22E-01	2.42E+01	1.43E+00	2.41E+01	0.00E+00	0.00E+00	3.77E+02	7.44E-04	2.31E-02	2.48E-01	0.00E+00	-4.47E-03	4.46E-08	8.10E-07	2.03E+00	7.07E+01	0.00E+00	0.00E+00	2.69E+02	7.54E-02	4.11E+02	0.00E+00	2.80E-05	1.33E-06	6.73E-02	5.91E-06	4.37E+01	0.00E+00	4.11E+02	9.18E-05	4.11E+02	4.49E+02	4.37E+01	0.00E+00	0.00E+00	0.00E+00	8.55E+03
MES-MP67520	1.28E-01	2.63E+01	1.47E+00	2.55E+01	0.00E+00	0.00E+00	3.99E+02	7.89E-04	2.46E-02	2.64E-01	0.00E+00	-4.52E-03	4.59E-08	8.56E-07	2.15E+00	7.43E+01	0.00E+00	0.00E+00	2.85E+02	7.54E-02	4.39E+02	0.00E+00	3.01E-05	1.42E-06	7.24E-02	6.10E-06	4.69E+01	0.00E+00	4.39E+02	9.51E-05	4.39E+02	4.78E+02	4.69E+01	0.00E+00	0.00E+00	0.00E+00	9.19E+03
MES-MP67522	1.30E-01	2.65E+01	1.47E+00	2.60E+01	0.00E+00	0.00E+00	4.11E+02	8.09E-04	2.51E-02	2.78E-01	0.00E+00	-4.85E-03	5.56E-08	8.83E-07	2.20E+00	7.55E+01	0.00E+00	0.00E+00	2.88E+02	8.01E-02	4.50E+02	0.00E+00	3.15E-05	1.46E-06	7.46E-02	6.54E-06	4.85E+01	0.00E+00	4.50E+02	9.94E-05	4.50E+02	4.89E+02	4.85E+01	0.00E+00	0.00E+00	0.00E+00	9.59E+03
MES-MP7018	1.28E-01	2.62E+01	1.47E+00	2.53E+01	0.00E+00	0.00E+00	3.95E+02	7.83E-04	2.43E-02	2.58E-01	0.00E+00	-4.47E-03	4.49E-08	8.50E-07	2.14E+00	7.37E+01	0.00E+00	0.00E+00	2.83E+02	7.54E-02	4.38E+02	0.00E+00	2.98E-05	1.41E-06	7.18E-02	5.91E-06	4.64E+01	0.00E+00	4.38E+02	9.45E-05	4.38E+02	4.75E+02	4.64E+01	0.00E+00	0.00E+00	0.00E+00	8.87E+03
MES-MP7020	1.29E-01	2.63E+01	1.47E+00	2.58E+01	0.00E+00	0.00E+00	4.05E+02	7.99E-04	2.48E-02	2.74E-01	0.00E+00	-4.63E-03	5.55E-08	8.70E-07	2.18E+00	7.51E+01	0.00E+00	0.00E+00	2.87E+02	7.70E-02	4.47E+02	0.00E+00	3.12E-05	1.44E-06	7.39E-02	6.32E-06	4.77E+01	0.00E+00	4.47E+02	9.82E-05	4.47E+02	4.83E+02	4.77E+01	0.00E+00	0.00E+00	0.00E+00	9.41E+03
MES-MP7022	1.31E-01	2.69E+01	1.47E+00	2.62E+01	0.00E+00	0.00E+00	4.15E+02	8.15E-04	2.53E-02	2.84E-01	0.00E+00	-4.85E-03	5.56E-08	8.93E-07	2.22E+00	7.63E+01	0.00E+00	0.00E+00	2.91E+02	8.01E-02	4.53E+02	0.00E+00	3.20E-05	1.47E-06	7.59E-02	6.54E-06	4.88E+01	0.00E+00	4.53E+02	1.00E-04	4.53E+02	4.94E+02	4.88E+01	0.00E+00	0.00E+00	0.00E+00	9.85E+03
MES-MP7518	1.28E-01	2.63E+01	1.47E+00	2.55E+01	0.00E+00	0.00E+00	3.99E+02	7.89E-04	2.46E-02	2.64E-01	0.00E+00	-4.52E-03	4.59E-08	8.56E-07	2.15E+00	7.43E+01	0.00E+00	0.00E+00	2.85E+02	7.54E-02	4.39E+02	0.00E+00	3.01E-05	1.42E-06	7.24E-02	6.10E-06	4.69E+01	0.00E+00	4.39E+02	9.51E-05	4.39E+02	4.78E+02	4.69E+01	0.00E+00	0.00E+00	0.00E+00	9.19E+03
MES-MP7520	9.30E-03	9.54E-01	1.04E-01	1.29E+00	0.00E+00	0.00E+00	4.24E+01	3.24E-05	1.86E-03	1.78E-02	0.00E+00	-3.73E-03	7.71E-09	7.68E-08	1.92E-01	6.32E+00	0.00E+00	0.00E+00	3.17E+01	6.18E-02	3.12E+01	0.00E+00	7.50E-06	5.73E-08	3.78E-03	4.86E-06	5.24E+00	0.00E+00	3.12E+01	6.30E-06	3.12E+01	3.30E+01	5.24E+00	0.00E+00	0.00E+00	0.00E+00	4.92E+02
MES-MP7522	1.33E-01	2.70E+01	1.47E+00	2.65E+01	0.00E+00	0.00E+00	4.18E+02	8.17E-04	2.54E-02	2.84E-01	0.00E+00	-4.85E-03	5.56E-08	9.05E-07	2.24E+00	7.69E+01	0.00E+00	0.00E+00	2.93E+02	8.01E-02	4.57E+02	0.00E+00	3.25E-05	1.49E-06	7.66E-02	6.54E-06	4.94E+01	0.00E+00	4.57E+02	1.02E-04	4.57E+02	5.04E+02	4.94E+01	0.00E+00	0.00E+00	0.00E+00	9.85E+03
MES-MP8018	1.29E-01	2.63E+01	1.47E+00	2.58E+01	0.00E+00	0.00E+00	4.05E+02	7.99E-04	2.48E-02	2.74E-01	0.00E+00	-4.76E-03	5.55E-08	8.70E-07	2.18E+00	7.51E+01	0.00E+00	0.00E+00	2.87E+02	7.78E-02	4.47E+02	0.00E+00	3.12E-05	1.44E-06	7.39E-02	6.27E-06	4.77E+01	0.00E+00	4.47E+02	9.82E-05	4.47E+02	4.83E+02	4.77E+01	0.00E+00	0.00E+00	0.00E+00	9.41E+03
MES-MP8020	1.27E-01	2.74E+01	1.38E+00	2.60E+01	0.00E+00	0.00E+00	4.04E+02	8.10E-04	2.42E-02	2.68E-01	0.00E+00	-3.87E-03	6.72E-08	8.67E-07	2.14E+00	7.19E+01	0.00E+00	0.00E+00	2.70E+02	5.64E-02	4.40E+02	0.00E+00	3.25E-05	1.43E-06	7.45E-02	5.12E-06	4.58E+01	0.00E+00	4.40E+02	1.01E-04	4.40E+02	4.86E+02	4.58E+01	0.00E+00	0.00E+00	0.00E+00	9.54E+03
MES-MP8022	1.31E-01	2.64E+01	1.47E+00	2.60E+01	0.00E+00	0.00E+00	4.08E+02	8.00E-04	2.46E-02	2.74E-01	0.00E+00	-4.76E-03	5.55E-08	8.83E-07	2.21E+00	7.56E+01	0.00E+00	0.00E+00	2.89E+02	7.78E-02	4.52E+02	0.00E+00	3.17E-05	1.46E-06	7.44E-02	6.27E-06	4.83E+01	0.00E+00	4.52E+02	1.00E-04	4.52E+02	4.92E+02	4.83E+01	0.00E+00	0.00E+00	0.00E+00	9.41E+03
MES-MP8518	1.31E-01	2.69E+01	1.47E+00	2.62E+01	0.00E+00	0.00E+00	4.15E+02	8.15E-04	2.53E-02	2.84E-01	0.00E+00	-4.92E-03	5.56E-08	8.93E-07	2.22E+00	7.63E+01	0.00E+00	0.00E+00	2.91E+02	8.01E-02	4.53E+02	0.00E+00	3.20E-05	1.47E-06	7.59E-02	6.54E-06	4.88E+01	0.00E+00	4.53E+02	1.00E-04	4.53E+02	4.94E+02	4.88E+01	0.00E+00	0.00E+00	0.00E+00	9.85E+03
MES-MP8520	1.33E-01	2.70E+01	1.47E+00	2.65E+01	0.00E+00	0.00E+00	4.18E+02	8.19E-04	2.54E-02	2.84E-01	0.00E+00	-4.41E-03	5.56E-08	9.02E-07	2.24E+00	7.67E+01	0.00E+00	0.00E+00	2.93E+02	7.46E-02	4.57E+02	0.00E+00	3.25E-05	1.49E-06	7.67E-02	6.51E-06	4.94E+01	0.00E+00	4.57E+02	1.02E-04	4.57E+02	5.04E+02	4.94E+01	0.00E+00	0.00E+00	0.00E+00	9.85E+03
MES-MP8522	1.38E-01	2.82E+01	1.49E+00	2.74E+01	0.00E+00	0.00E+00	4.33E+02	8.35E-04	2.60E-02	2.89E-01	0.00E+00	-4.92E-03	5.56E-08	9.14E-07	2.32E+00	7.84E+01	0.00E+00	0.00E+00	2.94E+02	8.01E-02	4.69E+02	0.00E+00	3.34E-05	1.52E-06	7.74E-02	6.54E-06	5.03E+01	0.00E+00	4.69E+02	1.08E-04	4.69E+02	5.20E+02	5.03E+01	0.00E+00	0.00E+00	0.00E+00	1.01E+04
MES-MP9018	1.33E-01	2.70E+01	1.47E+00	2.65E+01	0.00E+00	0.00E+00	4.18E+02	8.17E-04	2.54E-02	2.84E-01	0.00E+00	-4.92E-03	5.56E-08	9.05E-07	2.24E+00	7.69E+01	0.00E+00	0.00E+00	2.93E+02	8.01E-02	4.57E+02	0.00E+00	3.25E-05	1.49E-06	7.66E-02	6.54E-06	4.94E+01	0.00E+00	4.57E+02	1.02E-04	4.57E+02	5.04E+02	4.94E+01	0.00E+00	0.00E+00	0.00E+00	9.85E+03
MES-MP9020	1.38E-01	2.82E+01	1.49E+00	2.74E+01	0.00E+00	0.00E+00	4.33E+02	8.35E-04	2.60E-02	2.89E-01	0.00E+00	-4.92E-03	5.56E-08	9.14E-07	2.32E+00	7.84E+01	0.00E+00	0.00E+00	2.94E+02	8.01E-02	4.69E+02	0.00E+00	3.34E-05	1.52E-06	7.74E-02	6.54E-06	5.03E+01	0.00E+00	4.69E+02	1.08E-04	4.69E+02	5.20E+02	5.03E+01	0.00E+00	0.00E+00	0.00E+00	1.01E+04
MES-MP9022	1.52E-01	3.15E+01	1.64E+00	3.02E+01	0.00E+00	0.00E+00	4.79E+02	9.23E-04	2.87E-02	3.01E-01	0.00E+00	-5.23E-03	5.59E-08	1.01E-06	2.52E+00	8.55E+01	0.00E+00	0.00E+00	3.24E+02	8.23E-02	5.10E+02	0.00E+00	3.69E-05	1.68E-06	8.61E-02	7.13E-06	5.65E+01	0.00E+00	5.10E+02	1.18E-04	5.10E+02	5.76E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	1.07E+04
MES-MPPSB12018	1.62E-01	3.34E+01	1.70E+00	3.19E+01	0.00E+00	0.00E+00	5.25E+02	9.81E-04	3.02E-02	3.16E-01	0.00E+00	-5.70E-03	5.88E-08	1.07E-06	2.72E+00	9.11E+01	0.00E+00	0.00E+00	3.47E+02	8.98E-02	5.43E+02	0.00E+00	3.92E-05	1.74E-06	9.28E-02	7.33E-06	5.81E+01	0.00E+00	5.43E+02	1.23E-04	5.43E+02	6.05E+02	5.81E+01	0.00E+00	0.00E+00	0.00E+00	1.07E+04
MES-MPPSB12020	1.71E-01	3.63E+01	1.82E+00	3.39E+01	0.00E+00	0.00E+00	5.79E+02	1.06E-03	3.35E-02	3.51E-01	0.00E+00	-6.43E-03	6.81E-08	1.12E-06	3.01E+00	9.87E+01	0.00E+00	0.00E+00	3.69E+02	9.46E-02	5.78E+02	0.00E+00	4.03E-05	1.93E-06	1.01E-01	7.62E-06	6.33E+01	0.00E+00	5.78E+02	1.29E-04	5.78E+02	6.05E+02	6.33E+01	0.00E+00	0.00E+00	0.00E+00	1.16E+04
MES-MPPSB12022	1.81E-01	3.91E+01	1.97E+00	3.52E+01	0.00E+00	0.00E+00	6.55E+02	1.13E-03	3.74E-02	4.17E-01	0.00E+00	-7.08E-03	6.99E-08	1.14E-06	3.23E+00	1.07E+02	0.00E+00	0.00E+00	3.92E+02	9.92E-02	6.18E+02	0.00E+00	4.33E-05	2.06E-06	1.07E-01	7.81E-06	6.92E+01	0.00E+00	6.18E+02	1.34E-04	6.18E+02	6.11E+02	6.92E+01	0.00E+00	0.00E+00	0.00E+00	1.15E+04
MES-MPPSB6018	1.22E-01	2.43E+01	1.42E+00	2.41E+01	0.00E+00	0.00E+00	3.77E+02	7.44E-04	2.31E-02	2.48E-01	0.00E+00	-4.53E-03	4.38E-08	8.10E-07	2.03E+00	7.07E+01	0.00E+00	0.00E+00	2.69E+02	7.58E-02	4.09E+02	0.00E+00	2.80E-05	1.33E-06	6.73E-02	5.91E-06	4.37E+01	0.00E+00	4.09E+02	9.11E-05	4.09E+02	4.50E+02	4.37E+01	0.00E+00	0.00E+00	0.00E+00	8.53E+03
MES-MPPSB6020	1.21E-01	2.40E+01	1.42E+00	2.39E+01	0.00E+00	0.00E+00	3.75E+02	7.40E-04	2.30E-02	2.45E-01	0.00E+00	-4.47E-03	4.38E-08	8.05E-07	2.02E+00	7.04E+01	0.00E+00	0.00E+00	2.68E+02	7.54E-02	4.08E+02	0.00E+00	2.79E-05	1.32E-06	6.67E-02	5.91E-06	4.31E+01	0.00E+00	4.08E+02	9.08E-05	4.08E+02	4.47E+02	4.31E+01	0.00E+00	0.00E+00	0.00E+00	8.46E+03
MES-MPPSB6022	1.28E-01	2.62E+01	1.47E+00	2.55E+01	0.00E+00	0.00E+00	3.98E+02	7.86E-04	2.45E-02	2.60E-01	0.00E+00	-4.52E-03	4.49E-08	8.54E-07	2.15E+00	7.41E+01	0.00E+00	0.00E+00	2.85E+02	7.54E-02	4.38E+02	0.00E+00	3.00E-05	1.42E-06	7.22E-02	6.10E-06	4.68E+01	0.00E+00	4.38E+02	9.48E-05	4.38E+02	4.76E+02	4.68E+01	0.00E+00	0.00E+00	0.00E+00	9.00E+03
MES-MPZ18	2.68E-02	5.57E+00	2.94E-01	5.15E+00	0.00E+00	0.00E+00	7.17E+01	1.47E-04	4.92E-03	5.34E-02	0.00E+00	-6.13E-04	1.25E-08	1.56E-07	3.97E-01	1.36E+01	0.00E+00	0.00E+00	5.14E+01	1.68E-02	8.68E+01	0.00E+00	6.43E-06	2.83E-07	1.51E-02	9.59E-07	8.33E+00	0.00E+00	8.68E+01	2.37E-05	8.68E+01	9.86E+01	8.33E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+03
MES-MPZ20	3.22E-02	6.20E+00	3.10E-01	6.00E+00	0.00E+00	0.00E+00	7.41E+01	1.58E-04	5.79E-03	6.53E-02	0.00E+00	-8.13E-04	1.30E-08	1.63E-07	4.47E-01	1.55E+01	0.00E+00	0.00E+00	5.31E+01	1.67E-02	1.02E+02	0.00E+00	7.59E-06	3.52E-07	1.93E-02	1.07E-06	9.02E+00	0.00E+00	1.02E+02	2.65E-05	1.02E+02	1.10E+02	9.02E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+03
MES-MPZ22	3.61E-02	6.96E+00	3.39E-01	6.92E+00	0.00E+00	0.00E+00	7.86E+01	1.80E-04	6.61E-03	7.54E-02	0.00E+00	-8.13E-04	1.41E-08	1.74E-07	5.26E-01	1.78E+01	0.00E+00	0.00E+00	6.04E+01	1.68E-02	1.15E+02	0.00E+00	8.61E-06	3.96E-07	2.14E-02	1.16E-06	1.03E+01	0.00E+00	1.15E+02	2.74E-05	1.15E+02	1.24E+02	1.03E+01	0.00E+00	0.00E+00	0.00E+00	2.08E+03
MES-MSGKK110	2.05E-03	6.18

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M-MDL4080	6.94E-03	1.64E+00	1.94E-01	1.56E+00	0.00E+00	0.00E+00	2.17E+01	4.38E-05	1.55E-03	1.63E-02	0.00E+00	-1.91E-03	3.17E-09	4.80E-08	1.18E-01	3.67E+00	0.00E+00	0.00E+00	1.40E+01	2.37E-02	2.28E+01	0.00E+00	1.73E-07	6.97E-08	4.55E-03	2.45E-06	2.32E+00	0.00E+00	2.28E+01	4.28E-06	2.28E+01	2.52E+01	2.32E+00	0.00E+00	0.00E+00	0.00E+00	4.82E+02
M-MDL4560	5.93E-03	1.51E+00	1.48E-01	1.37E+00	0.00E+00	0.00E+00	1.49E+01	3.15E-05	1.24E-03	1.37E-02	0.00E+00	-1.05E-03	2.16E-09	3.12E-08	9.01E-02	2.90E+00	0.00E+00	0.00E+00	1.09E+01	1.39E-01	1.84E+01	0.00E+00	1.39E-07	5.86E-08	3.63E-03	2.67E-06	1.77E+00	0.00E+00	1.84E+01	3.56E-06	1.84E+01	1.98E+01	1.77E+00	0.00E+00	0.00E+00	0.00E+00	3.69E+02
M-MDL4580	7.32E-03	1.82E+00	2.02E-01	1.81E+00	0.00E+00	0.00E+00	2.41E+01	4.85E-05	1.64E-03	1.81E-02	0.00E+00	-1.91E-03	3.48E-09	5.19E-08	1.29E-01	4.02E+00	0.00E+00	0.00E+00	1.54E+01	2.37E-02	2.45E+01	0.00E+00	1.85E-07	7.27E-08	4.83E-03	2.47E-06	2.54E+00	0.00E+00	2.45E+01	4.29E-06	2.45E+01	2.67E+01	2.54E+00	0.00E+00	0.00E+00	0.00E+00	5.28E+02
M-MDL50100	7.58E-03	2.47E+00	5.18E-01	1.86E+00	0.00E+00	0.00E+00	2.67E+01	5.15E-05	1.69E-03	1.85E-02	0.00E+00	-4.62E-03	4.42E-09	5.63E-08	1.34E-01	4.16E+00	0.00E+00	0.00E+00	1.70E+01	4.89E-02	2.55E+01	0.00E+00	1.93E-07	7.55E-08	5.00E-03	5.30E-06	2.69E+00	0.00E+00	2.55E+01	-1.98E-06	2.55E+01	2.78E+01	2.69E+00	0.00E+00	0.00E+00	0.00E+00	5.85E+02
M-MDL5030	4.39E-03	1.02E+00	9.01E-02	8.22E-01	0.00E+00	0.00E+00	1.08E+01	2.46E-05	4.82E-04	8.07E-03	0.00E+00	-3.00E-02	1.25E-09	3.48E-08	6.32E-02	4.28E+00	0.00E+00	0.00E+00	9.55E+00	4.17E-01	1.39E+01	0.00E+00	1.06E-07	5.46E-08	3.06E-03	1.04E-05	1.72E+00	0.00E+00	1.39E+01	5.78E-07	1.39E+01	1.54E+01	1.72E+00	0.00E+00	0.00E+00	0.00E+00	3.33E+02
M-MDL5040	4.98E-03	1.09E+00	1.26E-01	1.01E+00	0.00E+00	0.00E+00	1.19E+01	2.88E-05	9.70E-04	1.11E-02	0.00E+00	-3.89E-02	1.51E-09	2.25E-08	8.35E-02	2.79E+00	0.00E+00	0.00E+00	9.81E+00	5.30E-01	1.78E+01	0.00E+00	1.38E-07	5.80E-08	3.26E-03	7.91E-06	1.72E+00	0.00E+00	1.78E+01	1.41E-06	1.78E+01	2.01E+01	1.72E+00	0.00E+00	0.00E+00	0.00E+00	3.43E+02
M-MDL5050	5.84E-03	1.46E+00	6.77E-02	1.34E+00	0.00E+00	0.00E+00	1.32E+01	3.18E-05	1.24E-03	1.32E-02	0.00E+00	-7.31E-03	1.76E-09	2.67E-08	8.98E-02	2.91E+00	0.00E+00	0.00E+00	1.01E+01	9.11E-02	1.88E+01	0.00E+00	1.40E-07	5.87E-08	3.56E-03	9.53E-07	1.83E+00	0.00E+00	1.88E+01	3.55E-06	1.88E+01	2.04E+01	1.83E+00	0.00E+00	0.00E+00	0.00E+00	3.69E+02
M-MDL5060	5.95E-03	1.61E+00	1.48E-01	1.40E+00	0.00E+00	0.00E+00	1.72E+01	3.37E-05	1.24E-03	1.39E-02	0.00E+00	-1.06E-02	3.07E-09	3.99E-08	9.41E-02	2.97E+00	0.00E+00	0.00E+00	1.14E+01	1.39E-01	1.88E+01	0.00E+00	1.41E-07	5.87E-08	3.72E-03	2.67E-06	1.87E+00	0.00E+00	1.88E+01	3.54E-06	1.88E+01	2.00E+01	1.87E+00	0.00E+00	0.00E+00	0.00E+00	3.92E+02
M-MDL5080	7.33E-03	2.08E+00	3.97E-01	1.82E+00	0.00E+00	0.00E+00	2.41E+01	4.83E-05	1.64E-03	1.80E-02	0.00E+00	-3.36E-03	3.73E-09	5.19E-08	1.29E-01	4.02E+00	0.00E+00	0.00E+00	1.58E+01	4.63E-02	2.48E+01	0.00E+00	1.88E-07	7.29E-08	4.84E-03	4.18E-06	2.54E+00	0.00E+00	2.48E+01	3.32E-06	2.48E+01	2.66E+01	2.54E+00	0.00E+00	0.00E+00	0.00E+00	5.34E+02
M-MDL5090	6.00E-03	2.30E+00	4.77E-01	1.55E+00	0.00E+00	0.00E+00	2.12E+01	4.07E-05	1.30E-03	1.47E-02	0.00E+00	-4.81E-03	4.18E-09	4.97E-08	1.05E-01	3.26E+00	0.00E+00	0.00E+00	1.39E+01	4.71E-02	1.99E+01	0.00E+00	1.47E-07	6.02E-08	3.94E-03	4.56E-06	2.14E+00	0.00E+00	1.99E+01	-2.76E-06	1.99E+01	2.21E+01	2.14E+00	0.00E+00	0.00E+00	0.00E+00	4.91E+02
M-MDL60100	5.97E-03	2.61E+00	5.49E-01	1.72E+00	0.00E+00	0.00E+00	2.17E+01	3.97E-05	1.31E-03	1.54E-02	0.00E+00	-4.77E-03	4.47E-09	4.87E-08	1.02E-01	3.20E+00	0.00E+00	0.00E+00	1.38E+01	5.04E-02	1.97E+01	0.00E+00	1.45E-07	6.02E-08	3.99E-03	5.76E-06	2.18E+00	0.00E+00	1.97E+01	5.25E-07	1.97E+01	2.15E+01	2.18E+00	0.00E+00	0.00E+00	0.00E+00	4.98E+02
M-MDL6030	3.78E-03	1.08E+00	6.43E-02	9.57E-01	0.00E+00	0.00E+00	9.99E+00	2.31E-05	7.76E-04	9.16E-03	0.00E+00	-3.79E-02	1.21E-09	2.11E-08	6.29E-02	1.97E+00	0.00E+00	0.00E+00	8.81E+00	5.25E-01	1.35E+01	0.00E+00	9.94E-08	4.57E-08	2.66E-03	1.11E-05	1.57E+00	0.00E+00	1.35E+01	1.57E-06	1.35E+01	1.53E+01	1.57E+00	0.00E+00	0.00E+00	0.00E+00	3.02E+02
M-MDL6040	5.18E-03	1.27E+00	9.76E-02	1.05E+00	0.00E+00	0.00E+00	1.16E+01	2.69E-05	9.93E-04	1.03E-02	0.00E+00	-3.44E-02	1.63E-09	2.39E-08	7.59E-02	2.55E+00	0.00E+00	0.00E+00	8.99E+00	4.82E-01	1.69E+01	0.00E+00	1.25E-07	5.46E-08	2.81E-03	6.61E-06	1.61E+00	0.00E+00	1.69E+01	1.63E-06	1.69E+01	1.83E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	3.25E+02
M-MDL6050	6.86E-03	1.60E+00	1.32E-01	1.54E+00	0.00E+00	0.00E+00	2.08E+01	4.17E-05	1.54E-03	1.61E-02	0.00E+00	-1.06E-02	3.11E-09	4.62E-08	1.16E-01	3.56E+00	0.00E+00	0.00E+00	1.36E+01	1.39E-01	2.25E+01	0.00E+00	1.70E-07	6.96E-08	4.50E-03	2.52E-06	2.20E+00	0.00E+00	2.25E+01	3.81E-06	2.25E+01	2.50E+01	2.20E+00	0.00E+00	0.00E+00	0.00E+00	4.61E+02
M-MDL6060	5.94E-03	1.65E+00	1.88E-01	1.41E+00	0.00E+00	0.00E+00	1.84E+01	3.73E-05	1.27E-03	1.41E-02	0.00E+00	-4.17E-03	3.08E-09	4.43E-08	1.00E-01	3.09E+00	0.00E+00	0.00E+00	1.21E+01	4.45E-02	1.95E+01	0.00E+00	1.46E-07	5.93E-08	3.82E-03	3.10E-06	1.99E+00	0.00E+00	1.95E+01	4.03E-06	1.95E+01	2.15E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	4.15E+02
M-MDL6080	7.39E-03	2.17E+00	4.37E-01	1.84E+00	0.00E+00	0.00E+00	2.55E+01	4.97E-05	1.66E-03	1.82E-02	0.00E+00	-3.46E-03	4.29E-09	5.47E-08	1.30E-01	4.05E+00	0.00E+00	0.00E+00	1.65E+01	3.88E-02	2.50E+01	0.00E+00	1.88E-07	7.32E-08	4.87E-03	4.24E-06	2.58E+00	0.00E+00	2.50E+01	-1.57E-06	2.50E+01	2.68E+01	2.58E+00	0.00E+00	0.00E+00	0.00E+00	5.72E+02
M-MDL6090	7.59E-03	2.52E+00	5.36E-01	1.87E+00	0.00E+00	0.00E+00	2.69E+01	5.17E-05	1.68E-03	1.87E-02	0.00E+00	-4.67E-03	4.44E-09	5.65E-08	1.36E-01	4.20E+00	0.00E+00	0.00E+00	1.72E+01	4.94E-02	2.56E+01	0.00E+00	1.94E-07	7.57E-08	5.03E-03	5.32E-06	2.70E+00	0.00E+00	2.56E+01	-9.24E-07	2.56E+01	2.81E+01	2.70E+00	0.00E+00	0.00E+00	0.00E+00	5.92E+02
M-MDL70100	5.98E-03	2.89E+00	5.79E-01	1.81E+00	0.00E+00	0.00E+00	2.17E+01	4.02E-05	1.36E-03	1.56E-02	0.00E+00	-4.73E-03	4.49E-09	4.89E-08	1.04E-01	3.24E+00	0.00E+00	0.00E+00	1.39E+01	5.04E-02	1.99E+01	0.00E+00	1.46E-07	6.06E-08	4.08E-03	6.13E-06	2.21E+00	0.00E+00	1.99E+01	1.31E-06	1.99E+01	2.18E+01	2.21E+00	0.00E+00	0.00E+00	0.00E+00	5.07E+02
M-MDL7030	4.85E-03	1.30E+00	8.77E-02	1.03E+00	0.00E+00	0.00E+00	1.01E+01	2.30E-05	9.92E-04	9.89E-03	0.00E+00	-2.89E-02	1.29E-09	2.10E-08	6.23E-02	2.05E+00	0.00E+00	0.00E+00	8.83E+00	3.96E-01	1.53E+01	0.00E+00	1.12E-07	5.26E-08	2.83E-03	6.79E-06	1.59E+00	0.00E+00	1.53E+01	2.64E-06	1.53E+01	1.61E+01	1.59E+00	0.00E+00	0.00E+00	0.00E+00	3.20E+02
M-MDL7040	5.82E-03	1.46E+00	9.89E-02	1.36E+00	0.00E+00	0.00E+00	1.31E+01	3.04E-05	1.23E-03	1.34E-02	0.00E+00	-7.67E-03	1.79E-09	2.66E-08	8.92E-02	2.88E+00	0.00E+00	0.00E+00	9.94E+00	1.14E-01	1.86E+01	0.00E+00	1.40E-07	5.87E-08	3.59E-03	1.47E-06	1.76E+00	0.00E+00	1.86E+01	3.29E-06	1.86E+01	1.99E+01	1.76E+00	0.00E+00	0.00E+00	0.00E+00	3.59E+02
M-MDL7050	6.84E-03	1.65E+00	2.67E-01	1.56E+00	0.00E+00	0.00E+00	2.14E+01	4.28E-05	1.54E-03	1.61E-02	0.00E+00	-1.39E-02	3.07E-09	4.71E-08	1.17E-01	3.64E+00	0.00E+00	0.00E+00	1.37E+01	1.79E-01	2.25E+01	0.00E+00	1.71E-07	6.95E-08	4.52E-03	4.87E-06	2.29E+00	0.00E+00	2.25E+01	3.55E-06	2.25E+01	2.49E+01	2.29E+00	0.00E+00	0.00E+00	0.00E+00	4.75E+02
M-MDL7060	5.98E-03	2.03E+00	2.02E-01	1.53E+00	0.00E+00	0.00E+00	1.99E+01	3.95E-05	1.28E-03	1.45E-02	0.00E+00	-2.12E-03	3.51E-09	4.69E-08	1.03E-01	3.19E+00	0.00E+00	0.00E+00	1.30E+01	2.39E-02	1.99E+01	0.00E+00	1.48E-07	6.00E-08	3.88E-03	2.94E-06	2.09E+00	0.00E+00	1.99E+01	4.08E-06	1.99E+01	2.21E+01	2.09E+00	0.00E+00	0.00E+00	0.00E+00	4.49E+02
M-MDL7080	7.58E-03	2.41E+00	5.15E-01	1.85E+00	0.00E+00	0.00E+00	2.67E+01	5.14E-05	1.68E-03	1.85E-02	0.00E+00	-4.51E-03	4.37E-09	5.62E-08	1.34E-01	4.15E+00	0.00E+00	0.00E+00	1.69E+01	4.67E-02	2.55E+01	0.00E+00	1.92E-07	7.51E-08	5.00E-03	5.19E-06	2.67E+00	0.00E+00	2.55E+01	-2.60E-06	2.55E+01	2.76E+01	2.67E+00	0.00E+00	0.00E+00	0.00E+00	5.83E+02
M-MDL7090	7.64E-03	2.83E+00	5.57E-01	1.92E+00	0.00E+00	0.00E+00	2.74E+01	5.28E-05	1.72E-03	1.91E-02	0.00E+00	-4.73E-03	4.57E-09	5.76E-08	1.40E-01	4.27E+00	0.00E+00	0.00E+00	1.75E+01	5.04E-02	2.63E+01	0.00E+00	1.95E-07	7.70E-08	5.08E-03	5.54E-06	2.76E+00	0.00E+00	2.63E+01	1.06E-06	2.63E+01	2.87E+01	2.76E+00	0.00E+00	0.00E+00	0.00E+00	6.01E+02
M-MDL80100	5.99E-03	2.92E+00	6.07E-01	1.82E+00	0.00E+00	0.00E+00	2.17E+01	4.03E-05	1.36E-03	1.60E-02	0.00E+00	-5.09E-03	4.66E-09	4.91E-08	1.04E-01	3.26E+00	0.00E+00	0.00E+00	1.40E+01	5.50E-02	1.99E+01	0.00E+00	1.46E-07	6.06E-08	4.08E-03	6.82E-06	2.24E+00	0.00E+00	1.99E+01	1.83E-06	1.99E+01	2.20E+01	2.24E+00	0.00E+00	0.00E+00	0.00E+00	5.15E+02
M-MDL8030	5.58E-03	1.29E+00	8.97E-02	1.08E+00	0.00E+00	0.00E+00	1.46E+01	3.49E-05	1.08E-03	1.06E-02	0.00E+00	-1.43E-02	1.50E-09	3.11E-08	9.47E-02	3.06E+00	0.00E+00	0.00E+00	1.19E+01	1.78E-01	1.93E+01	0.00E+00	1.46E-07	6.06E-08	3.13E-03	3.29E-06	2.00E+00	0.00E+00	1.93E+01	2.63E-06	1.93E+01	2.12E+01	2.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E+02
M-MDL8040	5.94E-03	1.52E+00	1.50E-01	1.37E+00	0.00E+00	0.00E+00	1.48E+01	3.19E-05	1.24E-03	1.39E-02	0.00E+00	-1.06E-02	2.33E-09	3.32E-08	9.06E-02	2.90E+00	0.00E+00	0.00E+00	1.07E+01	1.39E-01	1.86E+01	0.00E+00	1.40E-07	5.85E-08	3.66E-03	2.67E-06	1.78E+00	0.00E+00	1.86E+01	3.52E-06	1.86E+01	1.99E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	3.72E+02
M-MDL8050	7.24E-03	2.01E+00	2.23E-01	1.81E+00	0.00E+00	0.00E+00	2.39E+01	4.79E-05	1.62E-03	1.79E-02	0.00E+00	-4.93E-03	3.59E-09	5.16E-08	1.28E-01	3.98E+00	0.00E+00	0.00E+00	1.51E+01	5.36E-02	2.42E+01	0.00E+00	1.83E-07	7.27E-08	4.79E-03	3.25E-06	2.51E+00	0.00E+00	2.42E+01	4.36E-06	2.42E+01	2.65E+01	2.51E+00	0.00E+00	0.00E+00	0.00E+00	5.19E+02
M-MDL8060	5.94E-03	2.07E+00	3.94E-01	1.53E+00	0.00E+00	0.00E+00	2.00E+01	3.93E-05	1.28E-03	1.45E-02	0.00E+00	-3.89E-03	3.56E-09	4.69E-08	1.03E-01	3.20E+00	0.00E+00	0.00E+00	1.31E+01	4.75E-02	1.98E+01	0.00E+00	1.48E-07	5.99E-08	3.90E-03	4.52E-06	2.11E+00	0.00E+00	1.98E+01	1.69E-06	1.98E+01	2.20E+01	2.11E+00	0.00E+00	0.00E+00	0.00E+00	4.52E+02
M-MDL8080	7.60E-03	2.55E+00	5.28E-01	1.88E+00	0.00E+00	0.00E+00	2.69E+01	5.17E-05	1.68E-03	1.87E-02	0.00E+00	-4.80E-03	4.44E-09	5.67E-08	1.36E-01	4.19E+00	0.00E+00	0.00E+00	1.72E+01	4.79E-02	2.56E+01	0.00E+00	1.93E-07	7.57E-08	5.01E-03	5.32E-06	2.71E+00	0.00E+00	2.56E+01	-1.21E-06	2.56E+01	2.82E+01	2.71E+00	0.00E+00	0.00E+00	0.00E+00	5.93E+02
M-MDL8090	7.58E-03	2.92E+00	6.06E-01	1.91E+00	0.00E+00	0.00E+00	2.69E+01	5.24E-05	1.70E-03	1.89E-02	0.00E+00	-5.05E-03	4.58E-09	5.69E-08	1.36E-01	4.24E+00	0.00E+00	0.00E+00	1.71E+01	5.50E-02	2.61E+01	0.00E+00	1.93E-07	7.60E-08	5.05E-03	6.50E-06	2.75E+00	0.00E+00	2.61E+01	1.05E-06	2.61E+01	2.84E+01	2.75E+00	0.00E+00	0.00E+00	0.00E+00	6.01E+02
M-MDL85100	5.32E-03	1.27E+00	9.16E-02	1.08E+00	0.00E+00	0.00E+00	1.55E+01	2.94E-05	1.02E-03	1.06E-02	0.00E+00	-4.97E-04	2.59E-09	3.28E-08	7.97E-02	2.62E+00	0.00E+00	0.00E+00	1.00E+01	9.36E-03	1.71E+01	0.00E+00	1.28E-07	5.51E-08	2.98E-03	3.69E-07	1.71E+00	0.00E+00	1.71E+01	3.36E-06	1.71E+01	1.87E+01	1.71E+00	0.00E+00	0.00E+00	0.00E+00	3.60E+02
M-MDL8530	6.18E-03	1.62E+00	9.09E-02	1.42E+00	0.00E+00	0.00E+00	1.52E+01	3.64E-05	1.28E-03	1.42E-02	0.00E+00	-1.29E-02	1.74E-09	3.26E-08	9.75E-02	3.21E+00	0.00E+00	0.00E+00	1.23E+01	1.44E-01	2.03E+01	0.00E+00	1.49E-07	6.43E-08	3.88E-03	3.34E-06	2.06E+00	0.00E+00	2.03E+01	4.71E-06	2.03E+01	2.21E+01	2.06E+00	0.00E+00	0.00E+00	0.00E+00	4.39E+02
M-MDL8540	5.84E-03	1.84E+00	3.26E-01	1.52E+00	0.00E+00	0.00E+00	1.88E+01	3.59E-05	1.24E-03	1.43E-02	0.00E+00	-1.64E-02	3.26E-09	4.35E-08	9.64E-02	3.07E+00	0.00E+00	0.00E+00	1.21E+01	1.97E-01	1.87E+01	0.00E+00	1.40E-07	5.84E-08	3.75E-03	5.58E-06	1.99E+00	0.00E+00	1.87E+01	2.89E-06	1.87E+01	2.01E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	4.23E+02
M-MDL8550	7.20E-03	2.07E+00	3.93E-01	1.82E+00	0.00E+00	0.00E+00	2.37E+01	4.75E-05	1.63E-03	1.78E-02	0.00E+00	-6.38E-03	3.65E-09	5.14E-08	1.28E-01	3.98E+00	0.00E+00	0.00E+00	1.52E+01	7.61E-02	2.42E+01	0.00E+00	1.82E-07	7.27E-08	4.78E-03	5.08E-06	2.51E+00	0.00E+00	2.42E+01	3.60E-06	2.42E+01	2.63E+01	2.51E+00	0.00E+00	0.00E+00	0.00E+00	5.21E+02
M-MDL8560	6.00E-03	2.55E+00	5.90E-01	1.65E+00	0.00E+00	0.00E+00	2.05E+01	3.99E-05	1.31E-03	1.51E-02	0.00E+00	-4.98E-03	3.70E-09	4.80E-08	1.05E-01	3.26E+00	0.00E+00	0.00E+00	1.35E+01	6.39E-02	1.99E+01	0.00E+00	1.49E-07	5.99E-08	4.01E-03	6.92E-06	2.12E+00	0.00E+00	1.99E+01	-2.30E-06	1.99E+01	2.23E+01	2.12E+00	0.00E+00	0.00E+00	0.00E+00	4.65E+02
M-MDL8580	7.60E-03	2.92E+00	6.05E-01	1.91E+00	0.00E+00	0.00E+00	2.69E+01	5.23E-05	1.70E-03	1.89E-02	0.00E+00	-4.91E-03	4.55E-09	5.72E-08	1.36E-01	4.23E+00	0.00E+00	0.00E+00	1.71E+01	5.23E-02	2.61E+01	0.00E+00	1.93E-07	7.60E-08	5.05E-03	6.49E-06	2.73E+00	0.00E+00	2.61E+01	7.81E-07	2.61E+01	2.84E+01	2.73E+00	0.00E+00	0.00E+00	0.00E+00	5.99E+02
M-MDL8590	1.41E-02	3.37E+00	2.45E-01	2.93E+00	0.00E+00	0.00E+00	4.49E+01	9.01E-05	2.78E-03	2.99E-02	0.00E+00	-2.95E-04	4.80E-09	9.33E-08	2.34E-01	7.67E+00	0.00E+00	0.00E+00	3.08E+01	7.01E-03	4.72E+01	0.00E+00	3.56E-07	1.54E-07	8.48E-03	9.89E-07	5.13E+00	0.00E+00	4.72E+01	9.44E-06	4.72E+01	5.28E+01	5.13E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+03
M-MDL90100	2.76E-02	4.85E+00	2.28E-01	4.55E+00	0.00E+00	0.00E+00	5.71E+01	1.27E-04	4.37E-03	4.85E-02	0.00E+00	-4.51E-04	8.73E-09	1.25E-07	3.44E-01	1.17E+01	0.00E+00	0.00E+00	4.30E+01	9.38E-03	7.60E+01	0.00E+00	5.69E-07	2.61E-07	1.37E-02	1.24E-06	7.36E+00	0.00E+00	7.60E+01	2.02E-05	7.60E+01	8.29E+01	7.36E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+03
M-MDL9030	6.31E-03	1.66E+00	9.03E-02	1.47E+00	0.00E+00	0.00E+00	1.57E+01	3.69E-05	1.30E-03	1.49E-02	0.00E+00	-1.20E-02	1.77E-09	3.28E-08	9.93E-02	3.29E+00	0.00E+00	0.00E+00	1.26E+01	1.39E-01	2.07E+01	0.00E+00	1.53E-07	6.51E-08	4.00E-03	3.20E-06	2.09E+00	0.00E+00	2.07E+01	5.37E-06	2.07E+01	2.27E+01	2.09E+00	0.00E+00	0.00E+00	0.00E+00	4.47E+02
M-MDL9040	5.84E-03	1.62E+00	2.93E-01	1.40E+00	0.00E+00	0.00E+00	1.72E+01	3.38E-05	1.24E-03	1.39E-02	0.00E+00	-1.37E-02	2.94E-09	3.98E-08	9.39E-02	2.99E+00	0.00E+00	0.00E+00	1.14E+01	1.76E-01	1.84E+01	0.00E+00	1.38E-07	5.82E-08	3.71E-03	5.14E-06	1.87E+00	0.00E+00	1.84E+01	3.17E-06	1.84E+01	1.98E+01	1.87E+00	0.00E+00	0.00E+00	0.00E+00	3.90E+02
M-MDL9050	7.21E-03	2.07E+00	3.93E-01	1.82E+00	0.00E+00	0.00E+00	2.37E+01	4.75E-05	1.63E-03	1.78E-02	0.00E+00	-3.30E-03	3.65E-09	5.14E-08	1.28E-01	3.97E+00	0.00E+00	0.00E+00	1.52E+01	4.55E-02	2.42E+01	0.00E+00	1.82E-07	7.26E-08	4.79E-03	4.51E-06	2.51E+00	0.00E+00	2.42E+01	2.79E-06	2.42E+01	2.63E+01	2.51E+00	0.00E+00	0.00E+00	0.00E+00	5.21E+02
M-MDL9060	5.95E-03	2.17E+00	4.87E-01	1.53E+00	0.00E+00	0.00E+00	2.03E+01	3.96E-05	1.28E-03	1.45E-02	0.00E+00	-3.86E-03	3.62E-09	4.73E-08	1.04E-01	3.22E+00	0.00E+00	0.00E+00	1.34E+01	5.22E-02	1.98E+01	0.00E+00	1.47E-07	5.99E-08	3.92E-03	5.60E-06	2.10E+00	0.00E+00	1.98E+01	-2.57E-06	1.98E+01	2.20E+01	2.10E+00	0.00E+00	0.00E+00	0.00E+00	4.59E+02
M-MDL9080	7.68E-03	2.83E+00	5.48E-01	1.93E+00	0.00E+00	0.00E+00	2.74E+01	5.29E-05	1.72E-03	1.91E-02	0.00E+00	-4.85E-03	4.55E-09	5.79E-08	1.41E-01	4.27E+00	0.00E+00	0.00E+00	1.73E+01	4.89E-02	2.63E+01	0.00E+00	1.95E-07	7.70E-08	5.06E-03	5.58E-06	2.77E+00	0.00E+00	2.63E+01	9.43E-07	2.63E+01	2.87E+01	2.77E+00	0.00E+00	0.00E+00	0.00E+00	6.02E+02
M-MDL9090	8.25E-03	2.97E+00	5.89E-01	1.99E+00	0.00E+00	0.00E+00	2.83E+01	5.63E-05	1.77E-03	2.02E-02	0.00E+00	-5.05E-03	4.76E-09	6.09E-08	1.46E-01	4.64E+00	0.00E+00	0.00E+00	1.81E+01	5.50E-02	2.84E+01	0.00E+00	2.11E-07	8.46E-08	5.44E-03	6.50E-06	3.01E+00	0.00E+00	2.84E+01	3.72E-06	2.84E+01	3.11E+01	3.01E+00	0.00E+00	0.00E+00	0.00E+00	6.59E+02
M-MDLB100	4.58E-03	1.21E+00	7.92E-02	1.15E+00	0.00E+00	0.00E+00	1.01E+01	2.49E-05	8.48E-04	1.18E-02	0.00E+00	-5.14E-03	1.56E-09	2.16E-08	6.76E-02	2.84E+00	0.00E+00	0.00E+00	9.00E+00	6.20E-02	1.55E+01	0.00E+00	1.15E-07	5.98E-08	3.44E-03	1.34E-06	1.70E+00	0.00E+00	1.55E+01	1.40E-06	1.55E+01	1.72E+01	1.70E+00	0.00E+00	0.00E+00	0.00E+00	3.46E+02
M-MDLB110	4.80E-03	1.28E+00	1.34E-01	1.17E+00

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M-PBV08	1.61E-02	1.32E+00	9.58E-02	1.22E+00	0.00E+00	0.00E+00	1.36E+01	2.43E-05	1.15E-02	1.47E-02	0.00E+00	-2.93E-04	1.79E-09	1.39E-07	6.48E-02	2.71E+00	0.00E+00	0.00E+00	1.17E+01	4.02E-03	1.66E+01	0.00E+00	1.29E-07	6.61E-06	4.18E-03	2.35E-07	2.04E+00	0.00E+00	1.66E+01	2.60E-06	1.66E+01	1.75E+01	2.04E+00	0.00E+00	0.00E+00	0.00E+00	3.59E+02
M-PBV85	3.32E-02	1.09E+00	8.97E-02	1.02E+00	0.00E+00	0.00E+00	1.48E+01	2.58E-05	2.44E-02	1.30E-02	0.00E+00	-1.52E-04	1.99E-09	2.83E-07	6.68E-02	3.27E+00	0.00E+00	0.00E+00	1.23E+01	2.15E-03	1.57E+01	0.00E+00	1.16E-07	6.76E-06	4.47E-03	1.72E-07	2.18E+00	0.00E+00	1.57E+01	1.39E-06	1.57E+01	1.78E+01	2.16E+00	0.00E+00	0.00E+00	0.00E+00	4.04E+02
M-PST16	1.59E-02	2.41E+00	5.05E-01	1.64E+00	0.00E+00	0.00E+00	2.00E+01	4.08E-05	9.13E-03	1.60E-02	0.00E+00	-3.25E-03	3.78E-09	1.15E-07	1.10E-01	3.74E+00	0.00E+00	0.00E+00	1.43E+01	4.37E-02	2.18E+01	0.00E+00	1.63E-07	7.98E-06	4.53E-03	3.71E-06	2.29E+00	0.00E+00	2.18E+01	4.66E-07	2.18E+01	2.31E+01	2.29E+00	0.00E+00	0.00E+00	0.00E+00	4.98E+02
M-PST18	1.62E-02	2.68E+00	5.87E-01	1.75E+00	0.00E+00	0.00E+00	2.01E+01	4.08E-05	9.21E-03	1.63E-02	0.00E+00	-5.80E-03	3.97E-09	1.17E-07	1.12E-01	3.81E+00	0.00E+00	0.00E+00	1.44E+01	7.06E-02	2.15E+01	0.00E+00	1.59E-07	7.95E-06	4.57E-03	4.67E-06	2.33E+00	0.00E+00	2.15E+01	-4.83E-06	2.15E+01	2.32E+01	2.35E+00	0.00E+00	0.00E+00	0.00E+00	5.00E+02
M-PST20	1.62E-02	3.12E+00	6.48E-01	1.82E+00	0.00E+00	0.00E+00	2.03E+01	4.11E-05	9.21E-03	1.70E-02	0.00E+00	-6.11E-03	3.95E-09	1.17E-07	1.13E-01	3.86E+00	0.00E+00	0.00E+00	1.45E+01	7.54E-02	2.22E+01	0.00E+00	1.62E-07	8.08E-06	4.66E-03	4.74E-06	2.33E+00	0.00E+00	2.22E+01	-1.42E-06	2.22E+01	2.36E+01	2.35E+00	0.00E+00	0.00E+00	0.00E+00	5.05E+02
M-PST22	1.70E-02	3.24E+00	2.65E-01	2.37E+00	0.00E+00	0.00E+00	4.38E+01	7.79E-05	9.28E-03	2.31E-02	0.00E+00	-2.25E-03	3.97E-09	1.19E-07	1.41E-01	5.46E+00	0.00E+00	0.00E+00	2.21E+01	2.56E-02	3.49E+01	0.00E+00	2.16E-07	1.22E-07	6.01E-03	2.48E-06	4.01E+00	0.00E+00	3.49E+01	3.75E+01	4.01E+00	0.00E+00	0.00E+00	0.00E+00	7.84E+02
M-PTV04	2.02E-02	4.87E-01	4.96E-02	4.53E-01	0.00E+00	0.00E+00	7.28E+00	1.23E-05	1.57E-02	5.10E-03	0.00E+00	-2.30E-04	1.48E-09	1.60E-07	3.33E-02	2.66E+00	0.00E+00	0.00E+00	6.21E+00	2.69E-03	7.66E+00	0.00E+00	5.92E-08	3.83E-06	2.26E-03	7.12E-08	1.10E+00	0.00E+00	7.66E+00	4.74E-07	7.66E+00	9.03E+00	1.10E+00	0.00E+00	0.00E+00	0.00E+00	2.10E+02
M-PTV06	2.73E-02	7.49E-01	7.08E-02	6.34E-01	0.00E+00	0.00E+00	1.04E+01	1.68E-05	2.19E-02	6.63E-03	0.00E+00	-1.52E-04	1.79E-09	2.20E-07	4.17E-02	3.23E+00	0.00E+00	0.00E+00	8.37E+00	2.12E-03	1.03E+01	0.00E+00	7.76E-08	4.82E-06	2.78E-03	1.34E-07	1.46E+00	0.00E+00	1.03E+01	6.00E-07	1.03E+01	1.16E+01	1.46E+00	0.00E+00	0.00E+00	0.00E+00	2.71E+02
M-R1003018	1.10E-01	2.42E+01	1.45E+00	2.26E+01	0.00E+00	0.00E+00	3.36E+02	7.14E-04	2.05E-02	2.22E-01	0.00E+00	-6.77E-03	4.47E-08	7.73E-07	1.83E+00	6.34E+01	0.00E+00	0.00E+00	2.42E+02	9.23E-02	3.83E+02	0.00E+00	2.93E-06	1.22E-05	6.74E-02	4.45E-05	5.98E+01	0.00E+00	3.83E+02	8.58E-05	3.83E+02	4.61E+02	3.99E+01	0.00E+00	0.00E+00	0.00E+00	8.48E+03
M-R1003018S	4.91E-02	1.84E+01	1.08E+00	1.73E+01	0.00E+00	0.00E+00	2.09E+02	3.39E-04	1.55E-02	1.40E-01	0.00E+00	-6.42E-02	4.55E-08	4.01E-07	1.02E+00	3.23E+01	0.00E+00	0.00E+00	9.05E+01	9.09E-01	1.97E+02	0.00E+00	1.63E-06	6.19E-07	3.43E-02	2.49E-05	1.88E+01	0.00E+00	1.97E+02	4.20E-05	1.97E+02	2.31E+02	1.88E+01	0.00E+00	0.00E+00	0.00E+00	3.56E+03
M-R1003020	1.15E-01	2.56E+01	1.46E+00	2.37E+01	0.00E+00	0.00E+00	3.55E+02	7.50E-04	2.17E-02	2.32E-01	0.00E+00	-6.77E-03	4.51E-08	8.15E-07	1.93E+00	6.65E+01	0.00E+00	0.00E+00	2.55E+02	9.23E-02	4.03E+02	0.00E+00	3.07E-06	1.29E-05	7.15E-02	4.45E-05	4.20E+01	0.00E+00	4.03E+02	9.03E-05	4.03E+02	4.81E+02	4.20E+01	0.00E+00	0.00E+00	0.00E+00	8.79E+03
M-R1003020L	3.53E-01	7.81E+01	4.30E+00	7.30E+01	0.00E+00	0.00E+00	1.09E+03	2.19E-03	6.71E-02	7.41E-01	0.00E+00	-7.84E-02	1.40E-07	2.36E-06	5.89E+00	1.97E+02	0.00E+00	0.00E+00	7.49E+02	1.06E+00	1.20E+03	0.00E+00	8.91E-06	3.94E-06	2.07E-01	3.60E-05	1.27E+02	0.00E+00	1.20E+03	2.79E-04	1.20E+03	1.32E+03	1.27E+02	0.00E+00	0.00E+00	0.00E+00	2.64E+04
M-R1003020S	5.13E-02	1.93E+01	1.29E+00	1.87E+01	0.00E+00	0.00E+00	2.27E+02	3.48E-04	1.63E-02	1.44E-01	0.00E+00	-7.03E-02	4.55E-08	4.50E-07	1.10E+00	3.35E+01	0.00E+00	0.00E+00	9.59E+01	9.80E-01	2.11E+02	0.00E+00	1.73E-06	6.46E-07	3.75E-02	2.98E-05	1.98E+01	0.00E+00	2.11E+02	4.38E-05	2.11E+02	2.41E+02	1.98E+01	0.00E+00	0.00E+00	0.00E+00	3.58E+03
M-R1003022	1.16E-01	2.57E+01	1.46E+00	2.38E+01	0.00E+00	0.00E+00	3.56E+02	7.53E-04	2.18E-02	2.39E-01	0.00E+00	-6.77E-03	4.63E-08	8.17E-07	1.94E+00	6.67E+01	0.00E+00	0.00E+00	2.56E+02	9.23E-02	4.05E+02	0.00E+00	3.09E-06	1.29E-05	7.17E-02	4.45E-05	4.21E+01	0.00E+00	4.05E+02	9.05E-05	4.05E+02	4.83E+02	4.21E+01	0.00E+00	0.00E+00	0.00E+00	9.02E+03
M-R1003022S	5.23E-02	1.94E+01	1.33E+00	1.86E+01	0.00E+00	0.00E+00	2.27E+02	3.48E-04	1.67E-02	1.44E-01	0.00E+00	-7.31E-02	4.55E-08	4.49E-07	1.12E+00	3.44E+01	0.00E+00	0.00E+00	9.05E+01	9.91E-01	2.13E+02	0.00E+00	1.63E-06	6.54E-07	3.76E-02	3.08E-05	1.97E+01	0.00E+00	2.13E+02	4.38E-05	2.13E+02	2.48E+02	1.97E+01	0.00E+00	0.00E+00	0.00E+00	3.59E+03
M-R1004018	1.10E-01	2.42E+01	1.45E+00	2.26E+01	0.00E+00	0.00E+00	3.36E+02	7.14E-04	2.05E-02	2.22E-01	0.00E+00	-6.77E-03	4.47E-08	7.73E-07	1.83E+00	6.34E+01	0.00E+00	0.00E+00	2.42E+02	9.23E-02	3.83E+02	0.00E+00	2.93E-06	1.22E-05	6.74E-02	4.45E-05	3.98E+01	0.00E+00	3.83E+02	8.58E-05	3.83E+02	4.61E+02	3.99E+01	0.00E+00	0.00E+00	0.00E+00	8.48E+03
M-R1004018S	4.91E-02	1.83E+01	1.07E+00	1.72E+01	0.00E+00	0.00E+00	2.09E+02	3.39E-04	1.55E-02	1.40E-01	0.00E+00	-6.49E-02	4.55E-08	4.02E-07	1.03E+00	3.22E+01	0.00E+00	0.00E+00	9.05E+01	9.11E-01	1.97E+02	0.00E+00	1.63E-06	6.19E-07	3.43E-02	2.48E-05	1.88E+01	0.00E+00	1.97E+02	4.20E-05	1.97E+02	2.31E+02	1.88E+01	0.00E+00	0.00E+00	0.00E+00	3.58E+03
M-R1004020	1.15E-01	2.56E+01	1.46E+00	2.37E+01	0.00E+00	0.00E+00	3.55E+02	7.50E-04	2.17E-02	2.32E-01	0.00E+00	-6.77E-03	4.51E-08	8.15E-07	1.93E+00	6.65E+01	0.00E+00	0.00E+00	2.55E+02	9.23E-02	4.03E+02	0.00E+00	3.07E-06	1.29E-05	7.15E-02	4.45E-05	4.20E+01	0.00E+00	4.03E+02	9.03E-05	4.03E+02	4.81E+02	4.20E+01	0.00E+00	0.00E+00	0.00E+00	8.79E+03
M-R1004020L	3.57E-01	7.85E+01	4.41E+00	7.41E+01	0.00E+00	0.00E+00	1.12E+03	2.20E-03	6.86E-02	7.54E-01	0.00E+00	-7.85E-02	1.51E-07	2.42E-06	5.98E+00	2.01E+02	0.00E+00	0.00E+00	7.54E+02	1.05E+00	1.23E+03	0.00E+00	9.10E-06	4.01E-06	2.10E-01	3.66E-05	1.28E+02	0.00E+00	1.23E+03	2.73E-04	1.23E+03	1.36E+03	1.28E+02	0.00E+00	0.00E+00	0.00E+00	2.66E+04
M-R1004020S	5.13E-02	1.92E+01	1.29E+00	1.86E+01	0.00E+00	0.00E+00	2.27E+02	3.48E-04	1.62E-02	1.44E-01	0.00E+00	-7.04E-02	4.55E-08	4.50E-07	1.10E+00	3.36E+01	0.00E+00	0.00E+00	9.59E+01	9.81E-01	2.11E+02	0.00E+00	1.73E-06	6.46E-07	3.75E-02	2.98E-05	1.98E+01	0.00E+00	2.11E+02	4.37E-05	2.11E+02	2.41E+02	1.98E+01	0.00E+00	0.00E+00	0.00E+00	3.58E+03
M-R1004022	1.16E-01	2.58E+01	1.46E+00	2.40E+01	0.00E+00	0.00E+00	3.60E+02	7.56E-04	2.20E-02	2.48E-01	0.00E+00	-6.77E-03	5.61E-08	8.23E-07	1.96E+00	6.71E+01	0.00E+00	0.00E+00	2.57E+02	9.23E-02	4.09E+02	0.00E+00	3.15E-06	1.30E-05	7.24E-02	4.45E-05	4.26E+01	0.00E+00	4.09E+02	9.26E-05	4.09E+02	4.86E+02	4.26E+01	0.00E+00	0.00E+00	0.00E+00	9.26E+03
M-R1004022S	5.23E-02	1.93E+01	1.33E+00	1.85E+01	0.00E+00	0.00E+00	2.27E+02	3.48E-04	1.67E-02	1.44E-01	0.00E+00	-7.31E-02	4.55E-08	4.49E-07	1.12E+00	3.44E+01	0.00E+00	0.00E+00	9.05E+01	9.91E-01	2.13E+02	0.00E+00	1.63E-06	6.54E-07	3.76E-02	3.07E-05	1.97E+01	0.00E+00	2.13E+02	4.37E-05	2.13E+02	2.48E+02	1.97E+01	0.00E+00	0.00E+00	0.00E+00	3.59E+03
M-R1005018	1.15E-01	2.56E+01	1.46E+00	2.37E+01	0.00E+00	0.00E+00	3.55E+02	7.50E-04	2.17E-02	2.32E-01	0.00E+00	-6.77E-03	4.51E-08	8.15E-07	1.93E+00	6.65E+01	0.00E+00	0.00E+00	2.55E+02	9.23E-02	4.03E+02	0.00E+00	3.07E-06	1.29E-05	7.15E-02	4.45E-05	4.20E+01	0.00E+00	4.03E+02	9.03E-05	4.03E+02	4.81E+02	4.20E+01	0.00E+00	0.00E+00	0.00E+00	8.79E+03
M-R1005018S	4.91E-02	1.84E+01	1.08E+00	1.74E+01	0.00E+00	0.00E+00	2.09E+02	3.39E-04	1.56E-02	1.41E-01	0.00E+00	-6.52E-02	4.55E-08	4.02E-07	1.03E+00	3.24E+01	0.00E+00	0.00E+00	9.05E+01	9.16E-01	1.97E+02	0.00E+00	1.63E-06	6.19E-07	3.45E-02	2.49E-05	1.88E+01	0.00E+00	1.97E+02	4.20E-05	1.97E+02	2.31E+02	1.88E+01	0.00E+00	0.00E+00	0.00E+00	3.58E+03
M-R1005020	1.16E-01	2.57E+01	1.46E+00	2.38E+01	0.00E+00	0.00E+00	3.56E+02	7.53E-04	2.18E-02	2.39E-01	0.00E+00	-6.77E-03	4.63E-08	8.17E-07	1.94E+00	6.67E+01	0.00E+00	0.00E+00	2.56E+02	9.23E-02	4.05E+02	0.00E+00	3.09E-06	1.29E-05	7.17E-02	4.45E-05	4.21E+01	0.00E+00	4.05E+02	9.05E-05	4.05E+02	4.83E+02	4.21E+01	0.00E+00	0.00E+00	0.00E+00	9.02E+03
M-R1005020L	3.56E-01	7.88E+01	4.33E+00	7.31E+01	0.00E+00	0.00E+00	1.10E+03	2.21E-03	6.74E-02	7.45E-01	0.00E+00	-7.98E-02	1.44E-07	2.36E-06	5.91E+00	1.98E+02	0.00E+00	0.00E+00	7.52E+02	1.06E+00	1.21E+03	0.00E+00	8.92E-06	3.95E-06	2.07E-01	3.61E-05	1.27E+02	0.00E+00	1.21E+03	2.79E-04	1.21E+03	1.32E+03	1.27E+02	0.00E+00	0.00E+00	0.00E+00	2.66E+04
M-R1005020S	5.13E-02	1.92E+01	1.30E+00	1.87E+01	0.00E+00	0.00E+00	2.27E+02	3.47E-04	1.62E-02	1.44E-01	0.00E+00	-7.04E-02	4.55E-08	4.50E-07	1.10E+00	3.36E+01	0.00E+00	0.00E+00	9.59E+01	9.81E-01	2.11E+02	0.00E+00	1.73E-06	6.46E-07	3.77E-02	2.97E-05	1.98E+01	0.00E+00	2.11E+02	4.37E-05	2.11E+02	2.41E+02	1.98E+01	0.00E+00	0.00E+00	0.00E+00	3.58E+03
M-R1005022	1.16E-01	2.58E+01	1.46E+00	2.40E+01	0.00E+00	0.00E+00	3.60E+02	7.56E-04	2.20E-02	2.48E-01	0.00E+00	-6.77E-03	5.61E-08	8.23E-07	1.96E+00	6.71E+01	0.00E+00	0.00E+00	2.57E+02	9.23E-02	4.09E+02	0.00E+00	3.15E-06	1.30E-05	7.24E-02	4.45E-05	4.26E+01	0.00E+00	4.09E+02	9.26E-05	4.09E+02	4.86E+02	4.26E+01	0.00E+00	0.00E+00	0.00E+00	9.26E+03
M-R1005022S	5.23E-02	1.93E+01	1.33E+00	1.85E+01	0.00E+00	0.00E+00	2.27E+02	3.48E-04	1.67E-02	1.44E-01	0.00E+00	-7.31E-02	4.55E-08	4.49E-07	1.12E+00	3.45E+01	0.00E+00	0.00E+00	9.05E+01	9.92E-01	2.13E+02	0.00E+00	1.63E-06	6.54E-07	3.77E-02	3.07E-05	1.97E+01	0.00E+00	2.13E+02	4.37E-05	2.13E+02	2.48E+02	1.97E+01	0.00E+00	0.00E+00	0.00E+00	3.59E+03
M-R1006018	1.15E-01	2.56E+01	1.46E+00	2.37E+01	0.00E+00	0.00E+00	3.55E+02	7.50E-04	2.17E-02	2.32E-01	0.00E+00	-6.77E-03	4.51E-08	8.15E-07	1.93E+00	6.65E+01	0.00E+00	0.00E+00	2.55E+02	9.23E-02	4.03E+02	0.00E+00	3.07E-06	1.29E-05	7.15E-02	4.45E-05	4.20E+01	0.00E+00	4.03E+02	9.03E-05	4.03E+02	4.81E+02	4.20E+01	0.00E+00	0.00E+00	0.00E+00	8.79E+03
M-R1006018S	4.91E-02	1.84E+01	1.08E+00	1.74E+01	0.00E+00	0.00E+00	2.09E+02	3.38E-04	1.56E-02	1.41E-01	0.00E+00	-6.54E-02	4.55E-08	4.02E-07	1.04E+00	3.25E+01	0.00E+00	0.00E+00	9.05E+01	9.15E-01	1.97E+02	0.00E+00	1.63E-06	6.19E-07	3.45E-02	2.50E-05	1.88E+01	0.00E+00	1.97E+02	4.20E-05	1.97E+02	2.31E+02	1.88E+01	0.00E+00	0.00E+00	0.00E+00	3.58E+03
M-R1006020	1.16E-01	2.58E+01	1.46E+00	2.40E+01	0.00E+00	0.00E+00	3.60E+02	7.56E-04	2.20E-02	2.48E-01	0.00E+00	-6.77E-03	5.61E-08	8.23E-07	1.96E+00	6.71E+01	0.00E+00	0.00E+00	2.57E+02	9.23E-02	4.09E+02	0.00E+00	3.15E-06	1.30E-05	7.24E-02	4.45E-05	4.26E+01	0.00E+00	4.09E+02	9.26E-05	4.09E+02	4.86E+02	4.26E+01	0.00E+00	0.00E+00	0.00E+00	9.26E+03
M-R1006020L	3.56E-01	7.88E+01	4.34E+00	7.32E+01	0.00E+00	0.00E+00	1.10E+03	2.21E-03	6.75E-02	7.45E-01	0.00E+00	-8.04E-02	1.44E-07	2.36E-06	5.92E+00	1.98E+02	0.00E+00	0.00E+00	7.52E+02	1.06E+00	1.21E+03	0.00E+00	8.92E-06	3.95E-06	2.07E-01	3.61E-05	1.28E+02	0.00E+00	1.21E+03	2.79E-04	1.21E+03	1.32E+03	1.28E+02	0.00E+00	0.00E+00	0.00E+00	2.66E+04
M-R1006020S	5.13E-02	1.92E+01	1.29E+00	1.87E+01	0.00E+00	0.00E+00	2.27E+02	3.47E-04	1.62E-02	1.44E-01	0.00E+00	-7.07E-02	4.55E-08	4.50E-07	1.10E+00	3.36E+01	0.00E+00	0.00E+00	9.59E+01	9.81E-01	2.11E+02	0.00E+00	1.73E-06	6.46E-07	3.77E-02	2.98E-05	1.98E+01	0.00E+00	2.11E+02	4.37E-05	2.11E+02	2.41E+02	1.98E+01	0.00E+00	0.00E+00	0.00E+00	3.58E+03
M-R1006022	1.16E-01	2.58E+01	1.46E+00	2.40E+01	0.00E+00	0.00E+00	3.60E+02	7.56E-04	2.20E-02	2.48E-01	0.00E+00	-6.77E-03	5.61E-08	8.23E-07	1.96E+00	6.71E+01	0.00E+00	0.00E+00	2.57E+02	9.23E-02	4.09E+02	0.00E+00	3.15E-06	1.30E-05	7.24E-02	4.45E-05	4.26E+01	0.00E+00	4.09E+02	9.26E-05	4.09E+02	4.86E+02	4.26E+01	0.00E+00	0.00E+00	0.00E+00	9.26E+03
M-R1006022S	5.23E-02	1.93E+01	1.33E+00	1.85E+01	0.00E+00	0.00E+00	2.27E+02	3.48E-04	1.67E-02	1.44E-01	0.00E+00	-7.33E-02	4.55E-08	4.49E-07	1.12E+00	3.46E+01	0.00E+00	0.00E+00	9.05E+01	9.92E-01	2.13E+02	0.00E+00	1.63E-06	6.54E-07	3.77E-02	3.08E-05	1.97E+01	0.00E+00	2.13E+02	4.37E-05	2.13E+02	2.48E+02	1.97E+01	0.00E+00	0.00E+00	0.00E+00	3.59E+03
M-R1008018	1.16E-01	2.58E+01	1.46E+00	2.40E+01	0.00E+00	0.00E+00	3.60E+02	7.56E-04	2.20E-02	2.48E-01	0.00E+00	-6.77E-03	5.61E-08	8.23E-07	1.96E+00	6.71E+01	0.00E+00	0.00E+00	2.57E+02	9.23E-02	4.09E+02	0.00E+00	3.15E-06	1.30E-05	7.24E-02	4.45E-05	4.26E+01	0.00E+00	4.09E+02	9.26E-05	4.09E+02	4.86E+02	4.26E+01	0.00E+00	0.00E+00	0.00E+00	9.26E+03
M-R1008018S	4.91E-02	1.84E+01	1.09E+00	1.75E+01	0.00E+00	0.00E+00	2.09E+02	3.39E-04	1.56E-02	1.41E-01	0.00E+00	-6.53E-02	4.55E-08	4.04E-07	1.04E+00	3.25E+01	0.00E+00	0.00E+00	9.05E+01	9.15E-01	1.97E+02	0.00E+00	1.63E-06	6.19E-07	3.46E-02	2.51E-05	1.88E+01	0.00E+00	1.97E+02	4.20E-05	1.97E+02	2.31E+02	1.88E+01	0.00E+00	0.00E+00	0.00E+00	3.59E+03
M-R1008020	1.16E-01	2.58E+01	1.46E+00	2.40E+01	0.00E+00	0.00E+00	3.60E+02	7.56E-04	2.20E-02	2.48E-01	0.00E+00	-6.77E-03	5.61E-08	8.23E-07	1.96E+00	6.71E+01	0.00E+00	0.00E+00	2.57E+02	9.23E-02	4.09E+02	0.00E+00	3.15E-06	1.30E-05	7.24E-02	4.45E-05	4.26E+01	0.00E+00	4.09E+02	9.26E-05	4.09E+02	4.86E+02	4.26E+01	0.00E+00	0.00E+00	0.00E+00	9.26E+03
M-R1008020S	5.13E-02	1.92E+01	1.29E+00	1.87E+01	0.00E+00	0.00E+00	2.27E+02	3.46E-04	1.62E-02	1.44E-01	0.00E+00	-7.05E-02	4.55E-08	4.52E-07	1.10E+00	3.37E+01	0.00E+00	0.00E+00	9.59E+01	9.78E-01	2.11E+02	0.00E+00	1.73E-06	6.47E-07	3.77E-02	2.99E-05	1.98E+01	0.00E+00	2.11E+02	4.37E-05	2.11E+02	2.41E+02	1.98E+01	0.00E+00	0.00E+00	0.00E+00	3.58E+03
M-R1008022	1.16E-01	2.63E+01	1.46E+00	2.43E+01	0.00E+00	0.00E+00	3.70E+02	7.70E-04	2.23E-02	2.58E-01	0.00E+00	-6.77E-03	5.63E-08	8.41E-07	1.99E+00	6.83E+01	0.00E+00	0.00E+00	2.60E+02	9.23E-02	4.14E+02	0.00E+00	3.22E-06	1.33E-05	7.42E-02	4.53E-05	4.34E+01	0.00E+00	4.14E+02	9.45E-05	4.14E+02	4.95E+02	4.34E+01	0.00E+00	0.00E+00	0.00E+00	9.64E+03
M-R1008022S	5.23E-02	1.93E+01	1.33E+00	1.85E+01	0.00E+00	0.00E+00	2.27E+02	3.48E-04	1.67E-02	1.44E-01	0.00E+00	-7.33E-02	4.55E-08	4.49E-07	1.12E+00	3.48E+01	0.00E+00	0.00E+00	9.05E+01	9.92E-01	2.13E+02	0.00E+00	1.63E-06	6.54E-07	3.77E-02	3.08E-05	1.97E+01	0.00E+00	2.13E+02	4.37E-05	2.13E+02	2.48E+02	1.97E+01	0.00E+00	0.00E+00	0.00E+00	3.59E+03
M-R1103018	1.10E-01	2.42E+01	1.45E+00	2.26E+01	0.00E+00	0.00E+00	3.36E+02	7.14E-04	2.05E-02	2.22E-01	0.00E+00	-6.77E-03	4.47E-08	7.73E-07	1.83E+00	6.34E+01	0.00E+00	0.00E+00	2.42E+02	9.23E-02	3.83E+02	0.00E+00	2.92E-06	1.22E-05	6.74E-02	4.45E-05	3.98E+01	0.00E+00	3.83E+02	8.58E-05	3.83E+02	4.61E+02	3.98E+01	0.00E+00	0.00E+00	0.00E+00	8.48E+03
M-R1103018S	5.01E-02	1.98E+01	1.19E+00	1.84E+01	0.00E+00	0.00E+00	2.17E+02	3.38E-04	1.58E-02	1.41E-01	0.00E+00	-7.25E-02	4.52E-08	4.31E-07	1.09E+00	3.31E+01	0.00E+00	0.00E+00	9.73E+01	1.05E+00	2.08E+02	0.00E+00	1.78E-06	6.32E-07	3.58E-02	3.22E-05	1.92E+01	0.00E+00	2.08E+02	4.27E-05	2.08E+02	2.40E+02	1.92E+01	0.00E+00	0.00E+00	0.00E+00	3.62E+03
M-R1103020	1.15E-01	2.56E+01	1.46E+00	2.37E+01	0.00E+00	0.00E+00	3.55E+02	7.50E-04	2.17E-02	2.32E-01	0.00E+00	-6.77E-03	4.51E-08	8.15E-07	1.93E+00	6.65E+01	0.00E+00	0.00E+00	2.55E+02	9.23E-02	4.03E+02	0.00E+00	3.07E-06	1.29E-05	7.15E-02	4.45E-05	4.20E+01	0.00E+00	4.03E+02	9.03E-05	4.03E+02	4.81E+02	4.20E+01	0.00E+00	0.00E+00	0.00E+00	8.79E+03
M-R1103020L	4.09E-01	8.97E+01	5.17E+00	8.45E+01	0.00E+00	0.00E+00	1.29E+03	2.59E-03	7.83E-02	8.61E-01	0.00E+00	-1.04E-01	1.73E-07	2.77E-06	6.86E+00	2.30E+02	0.00E+00	0.00E+00	8.64E+02	1.36E+00	1.41E+03	0.00E+00	1.04E-05	4.59E-06	2.40E-01	4.57E-05	1.47E+02	0.00E+00	1.41E+03	3.11E-04	1.41E+03	1.56E+03	1.47E+02	0.00E+00	0.00E+00	0.00E+00	3.05E+04
M-R1103020S	5.16E-02	2.09E+01	1.44E+00	2.01E+01	0.00E+00	0.00E+00	2.31E+02	3.50E-04	1.66E-02	1.49E-01	0.00E+00	-8.88E-

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M-TSKM6020	5.71E-02	1.45E+01	6.90E-01	1.48E+01	0.00E+00	0.00E+00	1.66E+02	2.92E-04	1.16E-02	1.27E-01	0.00E+00	-6.88E-02	2.08E-08	3.62E-07	7.30E-01	2.54E+01	0.00E+00	0.00E+00	9.34E+01	9.18E-01	1.63E+02	0.00E+00	1.50E-05	5.55E-07	3.04E-02	2.02E-05	1.56E+01	0.00E+00	1.63E+02	3.29E-05	1.63E+02	1.75E+02	1.56E+01	0.00E+00	0.00E+00	0.00E+00	3.29E+03
M-TSKM6022	5.91E-02	1.41E+01	6.93E-01	1.42E+01	0.00E+00	0.00E+00	1.73E+02	3.47E-04	1.13E-02	1.27E-01	0.00E+00	-6.86E-02	2.09E-08	3.85E-07	8.62E-01	2.99E+01	0.00E+00	0.00E+00	1.17E+02	9.18E-01	1.82E+02	0.00E+00	1.35E-06	6.00E-07	3.27E-02	2.10E-05	1.98E+01	0.00E+00	1.82E+02	3.96E-05	1.82E+02	2.02E+02	1.98E+01	0.00E+00	0.00E+00	0.00E+00	4.18E+03
M-TSKM7018	5.59E-02	1.37E+01	6.91E-01	1.37E+01	0.00E+00	0.00E+00	1.40E+02	2.67E-04	1.08E-02	1.23E-01	0.00E+00	-6.88E-02	2.09E-08	3.05E-07	7.29E-01	2.54E+01	0.00E+00	0.00E+00	8.90E+01	9.20E-01	1.55E+02	0.00E+00	1.17E-05	5.04E-07	3.02E-02	2.01E-05	1.56E+01	0.00E+00	1.55E+02	3.30E-05	1.55E+02	1.71E+02	1.56E+01	0.00E+00	0.00E+00	0.00E+00	3.30E+03
M-TSKM7020	6.06E-02	1.52E+01	6.93E-01	1.55E+01	0.00E+00	0.00E+00	2.02E+02	3.81E-04	1.21E-02	1.32E-01	0.00E+00	-6.86E-02	2.08E-08	4.30E-07	8.86E-01	3.06E+01	0.00E+00	0.00E+00	1.25E+02	9.07E-01	1.94E+02	0.00E+00	1.72E-06	6.16E-07	3.35E-02	2.16E-05	2.03E+01	0.00E+00	1.94E+02	4.03E-05	1.94E+02	2.16E+02	2.03E+01	0.00E+00	0.00E+00	0.00E+00	4.29E+03
M-TSKM7022	6.52E-02	1.49E+01	7.75E-01	1.48E+01	0.00E+00	0.00E+00	1.99E+02	4.10E-04	1.21E-02	1.39E-01	0.00E+00	-7.55E-02	2.72E-08	4.33E-07	1.07E+00	3.58E+01	0.00E+00	0.00E+00	1.34E+02	9.97E-01	2.18E+02	0.00E+00	1.61E-06	7.20E-07	3.78E-02	2.33E-05	2.32E+01	0.00E+00	2.18E+02	4.71E-05	2.18E+02	2.42E+02	2.32E+01	0.00E+00	0.00E+00	0.00E+00	4.90E+03
M-TSKM8018	5.89E-02	1.42E+01	6.93E-01	1.44E+01	0.00E+00	0.00E+00	1.72E+02	3.45E-04	1.13E-02	1.27E-01	0.00E+00	-6.78E-02	2.46E-08	3.63E-07	8.53E-01	2.98E+01	0.00E+00	0.00E+00	1.17E+02	9.09E-01	1.80E+02	0.00E+00	1.34E-06	5.93E-07	3.26E-02	2.09E-05	1.95E+01	0.00E+00	1.80E+02	3.94E-05	1.80E+02	2.01E+02	1.95E+01	0.00E+00	0.00E+00	0.00E+00	4.15E+03
M-TSKM8020	6.64E-02	1.60E+01	7.76E-01	1.60E+01	0.00E+00	0.00E+00	2.23E+02	4.34E-04	1.30E-02	1.43E-01	0.00E+00	-7.53E-02	2.72E-08	4.89E-07	1.07E+00	3.59E+01	0.00E+00	0.00E+00	1.38E+02	9.97E-01	2.25E+02	0.00E+00	1.94E-06	7.26E-07	3.82E-02	2.34E-05	2.32E+01	0.00E+00	2.25E+02	4.72E-05	2.25E+02	2.50E+02	2.32E+01	0.00E+00	0.00E+00	0.00E+00	4.91E+03
M-TSKM8022	6.76E-02	1.57E+01	1.16E+00	1.51E+01	0.00E+00	0.00E+00	2.15E+02	4.35E-04	1.28E-02	1.45E-01	0.00E+00	-7.79E-02	2.62E-08	4.67E-07	1.16E+00	3.87E+01	0.00E+00	0.00E+00	1.44E+02	1.03E+00	2.35E+02	0.00E+00	1.76E-06	7.69E-07	4.03E-02	2.39E-05	2.47E+01	0.00E+00	2.35E+02	4.92E-05	2.35E+02	2.62E+02	2.47E+01	0.00E+00	0.00E+00	0.00E+00	5.13E+03
M-TSKM8518	6.13E-02	1.44E+01	7.31E-01	1.47E+01	0.00E+00	0.00E+00	1.81E+02	3.74E-04	1.16E-02	1.33E-01	0.00E+00	-7.52E-02	2.69E-08	3.91E-07	9.33E-01	3.23E+01	0.00E+00	0.00E+00	1.24E+02	9.98E-01	1.95E+02	0.00E+00	1.46E-06	6.45E-07	3.46E-02	2.31E-05	2.12E+01	0.00E+00	1.95E+02	4.21E-05	1.95E+02	2.19E+02	2.12E+01	0.00E+00	0.00E+00	0.00E+00	4.47E+03
M-TSKM8520	6.76E-02	1.64E+01	8.78E-01	1.61E+01	0.00E+00	0.00E+00	2.33E+02	4.48E-04	1.33E-02	1.46E-01	0.00E+00	-7.79E-02	2.82E-08	5.10E-07	1.12E+00	3.76E+01	0.00E+00	0.00E+00	1.44E+02	1.03E+00	2.37E+02	0.00E+00	2.03E-06	7.51E-07	3.96E-02	2.40E-05	2.41E+01	0.00E+00	2.37E+02	4.82E-05	2.37E+02	2.62E+02	2.41E+01	0.00E+00	0.00E+00	0.00E+00	5.06E+03
M-TSKM8522	6.87E-02	1.58E+01	1.25E+00	1.52E+01	0.00E+00	0.00E+00	2.18E+02	4.41E-04	1.32E-02	1.46E-01	0.00E+00	-8.04E-02	3.02E-08	4.74E-07	1.20E+00	3.94E+01	0.00E+00	0.00E+00	1.44E+02	1.07E+00	2.39E+02	0.00E+00	1.78E-06	7.77E-07	4.09E-02	2.65E-05	2.49E+01	0.00E+00	2.39E+02	4.92E-05	2.39E+02	2.66E+02	2.49E+01	0.00E+00	0.00E+00	0.00E+00	5.15E+03
M-TSKM9018	6.43E-02	1.50E+01	7.43E-01	1.49E+01	0.00E+00	0.00E+00	1.94E+02	4.03E-04	1.20E-02	1.38E-01	0.00E+00	-7.50E-02	2.72E-08	4.22E-07	1.03E+00	3.50E+01	0.00E+00	0.00E+00	1.33E+02	9.98E-01	2.12E+02	0.00E+00	1.58E-06	7.01E-07	3.73E-02	2.32E-05	2.27E+01	0.00E+00	2.12E+02	4.70E-05	2.12E+02	2.36E+02	2.27E+01	0.00E+00	0.00E+00	0.00E+00	4.80E+03
M-TSKM9020	6.87E-02	1.67E+01	1.16E+00	1.63E+01	0.00E+00	0.00E+00	2.39E+02	4.61E-04	1.37E-02	1.49E-01	0.00E+00	-7.79E-02	2.82E-08	5.24E-07	1.16E+00	3.87E+01	0.00E+00	0.00E+00	1.47E+02	1.03E+00	2.43E+02	0.00E+00	2.08E-06	7.69E-07	4.07E-02	2.46E-05	2.47E+01	0.00E+00	2.43E+02	4.92E-05	2.43E+02	2.69E+02	2.47E+01	0.00E+00	0.00E+00	0.00E+00	5.13E+03
M-TSKM9022	7.16E-02	1.60E+01	1.25E+00	1.53E+01	0.00E+00	0.00E+00	2.24E+02	4.56E-04	1.35E-02	1.48E-01	0.00E+00	-8.12E-02	3.02E-08	4.87E-07	1.23E+00	4.04E+01	0.00E+00	0.00E+00	1.50E+02	1.08E+00	2.48E+02	0.00E+00	1.84E-06	7.99E-07	4.21E-02	2.71E-05	2.59E+01	0.00E+00	2.48E+02	5.17E-05	2.48E+02	2.74E+02	2.59E+01	0.00E+00	0.00E+00	0.00E+00	5.32E+03
M-TSKV8018	6.65E-02	1.68E+01	1.12E+00	1.65E+01	0.00E+00	0.00E+00	2.36E+02	4.51E-04	1.37E-02	1.47E-01	0.00E+00	-6.94E-02	2.60E-08	5.14E-07	1.14E+00	3.81E+01	0.00E+00	0.00E+00	1.46E+02	9.16E-01	2.40E+02	0.00E+00	2.02E-06	7.57E-07	4.04E-02	2.19E-05	2.40E+01	0.00E+00	2.40E+02	4.83E-05	2.40E+02	2.67E+02	2.40E+01	0.00E+00	0.00E+00	0.00E+00	5.05E+03
M-TSKV8020	7.38E-02	1.72E+01	1.23E+00	1.67E+01	0.00E+00	0.00E+00	2.51E+02	4.83E-04	1.46E-02	1.55E-01	0.00E+00	-7.72E-02	2.89E-08	5.45E-07	1.22E+00	4.08E+01	0.00E+00	0.00E+00	1.56E+02	1.03E+00	2.57E+02	0.00E+00	2.15E-06	8.10E-07	4.30E-02	2.33E-05	2.62E+01	0.00E+00	2.57E+02	5.25E-05	2.57E+02	2.84E+02	2.62E+01	0.00E+00	0.00E+00	0.00E+00	5.39E+03
M-TSKV8022	7.67E-02	1.83E+01	1.29E+00	1.76E+01	0.00E+00	0.00E+00	2.66E+02	5.13E-04	1.55E-02	1.63E-01	0.00E+00	-7.83E-02	2.84E-08	5.82E-07	1.30E+00	4.39E+01	0.00E+00	0.00E+00	1.67E+02	1.04E+00	2.78E+02	0.00E+00	2.31E-06	8.73E-07	4.63E-02	2.40E-05	2.81E+01	0.00E+00	2.78E+02	5.63E-05	2.78E+02	3.04E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	5.79E+03
M-TSKV9018	7.70E-02	1.80E+01	1.25E+00	1.75E+01	0.00E+00	0.00E+00	2.61E+02	5.05E-04	1.52E-02	1.60E-01	0.00E+00	-7.54E-02	2.81E-08	5.66E-07	1.27E+00	4.28E+01	0.00E+00	0.00E+00	1.64E+02	1.00E+00	2.70E+02	0.00E+00	2.25E-06	8.50E-07	4.52E-02	2.33E-05	2.73E+01	0.00E+00	2.70E+02	5.52E-05	2.70E+02	2.97E+02	2.73E+01	0.00E+00	0.00E+00	0.00E+00	5.65E+03
M-TSKV9020	7.67E-02	1.83E+01	1.40E+00	1.76E+01	0.00E+00	0.00E+00	2.66E+02	5.17E-04	1.55E-02	1.63E-01	0.00E+00	-7.95E-02	2.99E-08	5.84E-07	1.31E+00	4.39E+01	0.00E+00	0.00E+00	1.67E+02	1.07E+00	2.78E+02	0.00E+00	2.31E-06	8.73E-07	4.63E-02	2.48E-05	2.81E+01	0.00E+00	2.78E+02	5.63E-05	2.78E+02	3.04E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	5.79E+03
M-TSKV9022	9.28E-02	2.14E+01	1.47E+00	2.01E+01	0.00E+00	0.00E+00	3.09E+02	6.05E-04	1.83E-02	1.97E-01	0.00E+00	-8.20E-02	3.21E-08	6.74E-07	1.56E+00	5.17E+01	0.00E+00	0.00E+00	1.99E+02	1.08E+00	3.23E+02	0.00E+00	2.62E-06	1.03E-06	5.44E-02	2.86E-05	3.31E+01	0.00E+00	3.23E+02	6.74E-05	3.23E+02	3.56E+02	3.31E+01	0.00E+00	0.00E+00	0.00E+00	6.92E+03
M-TST100	3.99E-03	9.18E-01	6.77E-02	8.45E-01	0.00E+00	0.00E+00	1.29E+01	2.62E-05	7.22E-04	8.81E-03	0.00E+00	-1.64E-03	1.91E-09	2.82E-08	6.94E-02	2.73E+00	0.00E+00	0.00E+00	9.57E+00	2.01E-02	1.39E+01	0.00E+00	1.01E-07	4.88E-08	2.78E-03	4.44E-07	1.68E+00	0.00E+00	1.39E+01	2.57E-06	1.39E+01	1.54E+01	1.68E+00	0.00E+00	0.00E+00	0.00E+00	3.52E+02
M-TST60	3.54E-03	5.97E-01	5.09E-02	5.28E-01	0.00E+00	0.00E+00	7.21E+00	1.41E-05	4.05E-04	5.07E-03	0.00E+00	-1.36E-03	1.13E-09	1.95E-08	3.70E-02	1.57E+00	0.00E+00	0.00E+00	5.09E+00	2.08E-02	8.12E+00	0.00E+00	6.06E-08	2.66E-08	1.54E-03	8.58E-07	8.69E-01	0.00E+00	8.12E+00	1.18E-06	8.12E+00	9.08E+00	8.69E-01	0.00E+00	0.00E+00	0.00E+00	1.85E+02
M-TST70	2.64E-03	6.50E-01	5.34E-02	6.05E-01	0.00E+00	0.00E+00	8.84E+00	1.60E-05	5.12E-04	5.73E-03	0.00E+00	-1.41E-03	1.35E-09	1.87E-08	4.35E-02	1.50E+00	0.00E+00	0.00E+00	5.80E+00	2.04E-02	9.19E+00	0.00E+00	7.11E-08	2.97E-08	1.58E-03	6.78E-07	9.45E-01	0.00E+00	9.19E+00	1.46E-06	9.19E+00	1.06E+01	9.45E-01	0.00E+00	0.00E+00	0.00E+00	2.05E+02
M-TST80	2.67E-03	7.11E-01	5.62E-02	6.25E-01	0.00E+00	0.00E+00	9.52E+00	1.83E-05	5.56E-04	6.14E-03	0.00E+00	-1.39E-03	1.44E-09	2.06E-08	4.81E-02	1.64E+00	0.00E+00	0.00E+00	6.21E+00	1.84E-02	1.01E+01	0.00E+00	7.52E-08	3.20E-08	1.67E-03	4.61E-07	1.04E+00	0.00E+00	1.01E+01	1.67E-06	1.01E+01	1.13E+01	1.04E+00	0.00E+00	0.00E+00	0.00E+00	2.20E+02
M-UNBB001	1.14E-03	2.27E-01	8.19E-02	1.57E-01	0.00E+00	0.00E+00	1.90E+00	3.54E-06	1.68E-03	1.59E-03	0.00E+00	-7.92E-03	8.08E-10	7.94E-09	1.05E-02	3.03E-01	0.00E+00	0.00E+00	1.39E+00	9.57E-02	1.92E+00	0.00E+00	1.48E-08	6.39E-09	4.00E-04	2.66E-06	2.26E-01	0.00E+00	1.92E+00	1.52E-07	1.92E+00	2.44E+00	2.26E-01	0.00E+00	0.00E+00	0.00E+00	4.95E+01
M-VWG	4.82E-03	1.34E+00	9.94E-02	1.15E+00	0.00E+00	0.00E+00	1.20E+01	2.63E-05	8.60E-04	1.17E-02	0.00E+00	-3.08E-02	1.19E-09	3.22E-08	7.70E-02	2.95E+00	0.00E+00	0.00E+00	9.21E+00	4.02E-01	1.90E+01	0.00E+00	1.51E-07	6.57E-08	3.39E-03	1.04E-05	1.92E+00	0.00E+00	1.90E+01	1.99E-06	1.90E+01	2.27E+01	1.92E+00	0.00E+00	0.00E+00	0.00E+00	3.34E+02
M-ZBV100	6.17E-03	1.87E+00	1.65E-01	1.51E+00	0.00E+00	0.00E+00	1.50E+01	3.08E-05	2.34E-03	1.49E-02	0.00E+00	-3.18E-02	3.07E-09	3.12E-08	8.50E-02	2.70E+00	0.00E+00	0.00E+00	9.98E+00	3.98E-01	1.88E+01	0.00E+00	1.54E-07	7.49E-08	4.12E-03	8.81E-06	1.64E+00	0.00E+00	1.88E+01	4.42E-06	1.88E+01	2.05E+01	1.64E+00	0.00E+00	0.00E+00	0.00E+00	3.88E+02
M-ZBV110	6.07E-03	1.99E+00	3.16E-01	1.50E+00	0.00E+00	0.00E+00	1.61E+01	3.17E-05	2.32E-03	1.47E-02	0.00E+00	-3.31E-02	3.17E-09	3.25E-08	8.61E-02	2.77E+00	0.00E+00	0.00E+00	1.05E+01	4.09E-01	1.87E+01	0.00E+00	1.53E-07	7.47E-08	4.11E-03	9.66E-06	1.65E+00	0.00E+00	1.87E+01	4.54E-06	1.87E+01	2.05E+01	1.65E+00	0.00E+00	0.00E+00	0.00E+00	4.10E+02
M-ZBV120	6.11E-03	2.14E+00	3.36E-01	1.50E+00	0.00E+00	0.00E+00	1.73E+01	3.31E-05	2.32E-03	1.48E-02	0.00E+00	-3.42E-02	3.38E-09	3.37E-08	8.66E-02	2.78E+00	0.00E+00	0.00E+00	1.10E+01	4.23E-01	1.90E+01	0.00E+00	1.54E-07	7.52E-08	4.16E-03	1.01E-05	1.69E+00	0.00E+00	1.90E+01	4.91E-06	1.90E+01	2.08E+01	1.69E+00	0.00E+00	0.00E+00	0.00E+00	4.16E+02
M-ZBV130	6.04E-03	2.18E+00	6.88E-01	1.50E+00	0.00E+00	0.00E+00	1.76E+01	3.30E-05	2.32E-03	1.47E-02	0.00E+00	-4.03E-02	3.47E-09	3.38E-08	8.71E-02	2.77E+00	0.00E+00	0.00E+00	1.10E+01	4.97E-01	1.88E+01	0.00E+00	1.52E-07	7.38E-08	4.13E-03	1.36E-05	1.68E+00	0.00E+00	1.88E+01	4.08E-06	1.88E+01	2.05E+01	1.68E+00	0.00E+00	0.00E+00	0.00E+00	4.16E+02
M-ZBV135	6.05E-03	2.22E+00	7.00E-01	1.51E+00	0.00E+00	0.00E+00	1.76E+01	3.30E-05	2.32E-03	1.47E-02	0.00E+00	-4.07E-02	3.52E-09	3.41E-08	8.71E-02	2.77E+00	0.00E+00	0.00E+00	1.10E+01	5.02E-01	1.87E+01	0.00E+00	1.52E-07	7.37E-08	4.13E-03	1.37E-05	1.68E+00	0.00E+00	1.87E+01	3.79E-06	1.87E+01	2.05E+01	1.68E+00	0.00E+00	0.00E+00	0.00E+00	4.16E+02
M-ZBV140	6.05E-03	2.26E+00	7.25E-01	1.52E+00	0.00E+00	0.00E+00	1.76E+01	3.30E-05	2.33E-03	1.48E-02	0.00E+00	-4.11E-02	3.53E-09	3.43E-08	8.74E-02	2.77E+00	0.00E+00	0.00E+00	1.10E+01	5.06E-01	1.87E+01	0.00E+00	1.52E-07	7.34E-08	4.12E-03	1.38E-05	1.68E+00	0.00E+00	1.87E+01	1.42E-06	1.87E+01	2.05E+01	1.68E+00	0.00E+00	0.00E+00	0.00E+00	4.09E+02
M-ZBV15	6.39E-04	2.52E-01	9.26E-02	1.38E-01	0.00E+00	0.00E+00	1.54E+00	2.72E-06	1.17E-04	1.30E-03	0.00E+00	-2.69E-02	2.04E-10	2.77E-09	8.75E-03	3.89E-01	0.00E+00	0.00E+00	8.76E-01	3.56E-01	2.06E+00	0.00E+00	1.79E-08	9.61E-09	3.06E-04	6.01E-06	1.93E-01	0.00E+00	2.06E+00	-8.44E-07	2.06E+00	2.21E+00	1.93E-01	0.00E+00	0.00E+00	0.00E+00	2.96E+01
M-ZBV150	6.06E-03	2.51E+00	7.40E-01	1.59E+00	0.00E+00	0.00E+00	1.76E+01	3.31E-05	2.36E-03	1.51E-02	0.00E+00	-4.20E-02	3.73E-09	3.46E-08	8.89E-02	2.80E+00	0.00E+00	0.00E+00	1.11E+01	5.16E-01	1.87E+01	0.00E+00	1.51E-07	7.35E-08	4.18E-03	1.38E-05	1.69E+00	0.00E+00	1.87E+01	1.98E-07	1.87E+01	2.05E+01	1.69E+00	0.00E+00	0.00E+00	0.00E+00	4.14E+02
M-ZBV160	6.10E-03	2.53E+00	7.43E-01	1.59E+00	0.00E+00	0.00E+00	1.76E+01	3.34E-05	2.37E-03	1.52E-02	0.00E+00	-4.20E-02	3.76E-09	3.52E-08	8.98E-02	2.82E+00	0.00E+00	0.00E+00	1.12E+01	5.16E-01	1.87E+01	0.00E+00	1.51E-07	7.35E-08	4.19E-03	1.38E-05	1.71E+00	0.00E+00	1.87E+01	-3.91E-06	1.87E+01	2.05E+01	1.71E+00	0.00E+00	0.00E+00	0.00E+00	4.15E+02
M-ZBV17	6.39E-04	2.52E-01	9.26E-02	1.38E-01	0.00E+00	0.00E+00	1.54E+00	2.72E-06	1.17E-04	1.30E-03	0.00E+00	-2.69E-02	2.04E-10	2.77E-09	8.75E-03	3.89E-01	0.00E+00	0.00E+00	8.76E-01	3.56E-01	2.06E+00	0.00E+00	1.79E-08	9.61E-09	3.06E-04	6.01E-06	1.93E-01	0.00E+00	2.06E+00	-8.44E-07	2.06E+00	2.21E+00	1.93E-01	0.00E+00	0.00E+00	0.00E+00	2.96E+01
M-ZBV180	6.07E-03	2.95E+00	8.61E-01	1.67E+00	0.00E+00	0.00E+00	1.80E+01	3.39E-05	2.39E-03	1.59E-02	0.00E+00	-4.80E-02	3.79E-09	3.58E-08	9.10E-02	2.91E+00	0.00E+00	0.00E+00	1.13E+01	5.58E-01	1.94E+01	0.00E+00	1.48E-07	7.46E-08	4.27E-03	1.40E-05	1.73E+00	0.00E+00	1.94E+01	-1.39E-06	1.94E+01	2.10E+01	1.73E+00	0.00E+00	0.00E+00	0.00E+00	4.27E+02
M-ZBV20	1.77E-03	5.52E-01	9.40E-02	4.82E-01	0.00E+00	0.00E+00	4.88E+00	8.96E-06	4.19E-04	4.90E-03	0.00E+00	-2.67E-02	9.18E-10	5.75E-09	2.55E-02	9.64E-01	0.00E+00	0.00E+00	3.67E+00	3.51E-01	5.62E+00	0.00E+00	4.44E-08	2.15E-08	1.29E-03	5.83E-06	6.42E-01	0.00E+00	5.62E+00	-7.92E-07	5.62E+00	6.16E+00	6.42E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
M-ZBV25	1.86E-03	5.26E-01	9.51E-02	4.69E-01	0.00E+00	0.00E+00	5.98E+00	1.11E-05	4.03E-04	4.35E-03	0.00E+00	-2.67E-02	9.97E-10	1.28E-08	3.15E-02	9.50E-01	0.00E+00	0.00E+00	3.97E+00	3.51E-01	6.62E+00	0.00E+00	4.87E-08	2.06E-08	1.16E-03	5.83E-06	6.42E-01	0.00E+00	6.62E+00	-7.47E-07	6.62E+00	7.24E+00	6.42E-01	0.00E+00	0.00E+00	0.00E+00	1.37E+02
M-ZBV30	1.71E-03	4.60E-01	6.22E-02	4.26E-01	0.00E+00	0.00E+00	5.11E+00	1.01E-05	2.94E-03	4.06E-03	0.00E+00	-2.37E-02	9.41E-10	1.07E-08	2.84E-02	9.58E-01	0.00E+00	0.00E+00	3.66E+00	3.13E-01	5.77E+00	0.00E+00	4.41E-08	1.98E-08	1.14E-03	7.02E-06	6.41E-01	0.00E+00	5.77E+00	-5.04E-07	5.77E+00	6.52E+00	6.41E-01	0.00E+00	0.00E+00	0.00E+00	1.31E+02
M-ZBV35	1.94E-03	6.59E-01	6.53E-02	5.36E-01	0.00E+00	0.00E+00	6.04E+00	1.19E-05	3.46E-03	4.99E-03	0.00E+00	-2.37E-02	1.05E-09	1.39E-08	3.25E-02	1.09E+00	0.00E+00	0.00E+00	4.24E+00	3.13E-01	7.24E+00	0.00E+00	5.40E-08	2.17E-08	1.32E-03	7.02E-06	7.40E-01	0.00E+00	7.24E+00	-4.92E-07	7.24E+00	8.25E+00	7.40E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
M-ZBV40	1.81E-03	7.04E-01	6.59E-02	5.43E-01	0.00E+00	0.00E+00	6.05E+00	1.19E-05	3.46E-03	5.02E-03	0.00E+00	-2.37E-02	1.04E-09	1.41E-08	3.23E-02	1.00E+00	0.00E+00	0.00E+00	4.20E+00	3.13E-01	7.26E+00	0.00E+00	5.36E-08	2.06E-08	1.25E-03	7.12E-06	7.19E-01	0.00E+00	7.26E+00	-4.73E-07	7.26E+00	8.16E+00	7.19E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
M-ZBV42	1.87E-03	7.40E-01	7.33E-02	5.42E-01	0.00E+00	0.00E+00	6.07E+00	1.19E-05	3.70E-03	5.07E-03	0.00E+00	-2.37E-02	1.04E-09	1.48E-08	3.23E-02	1.02E+00	0.00E+00	0.00E+00	4.28E+00	3.13E-01	7.28E+00	0.00E+00	5.31E-08	2.11E-08	1.26E-03	7.26E-06	7.34E-01	0.00E+00	7.28E+00	-4.56E-07	7.28E+00	8.15E+00	7.34E-01	0.00E+00	0.00E+00	0.00E+00	1.60E+02
M-ZBV45	1.87E-03	7.40E-01	7.33E-02	5.42E-01	0.00E+00	0.00E+00	6.07E+00	1.19E-05	3.70E-03	5.07E-03	0.00E+00	-2.37E-02	1.04E-09	1.48E-08	3.23E-02	1.02E+00	0.00E+00	0.00E+00	4.28E+00	3.13E-01	7.28E+00	0.00E+00	5.31E-08	2.11E-08	1.26E-03	7.26E-06	7.34E-01	0.00E+00	7.28E+00	-4.56E-07	7.28E+00	8.15E+00	7.34E-01	0.00E+00	0.00E+00	0.00E+00	1.60E+02
M-ZBV50	2.10E-03	8.10E-01	7.60E-02	5.75E-01	0.00E+00	0.00E+00	6.39E+00	1.24E-05	5.71E-03	5.31E-03	0.00E+00	-2.49E-02	1.11E-09	1.69E-08	3.43E-02	1.21E+00	0.00E+00	0.00E+00	4.53E+00	3.32E-01	7.98E+00	0.00E+00	5.53E-08	2.40E-08	1.36E-03	7.64E-06	7.84E-01	0.00E+00	7.98E+00	-4.08E-07	7.98E+00	8.58E+00	7.84E-01	0.00E+00	0.00E+00	0.00E+00	1.64E+02
M-ZBV55	3.06E-03	1.19E+00	7.95E-02	1.14E+00	0.00E+00	0.00E+00	8.87E+00	2.08E-05	5.88E-03	1.01E-02	0.00E+00	-2.68E-02	1.06E-09	1.87E-08	6.02E-02	2.31E+00	0.00E+00	0.00E+00	7.39E+00	3.62E-01	1.38E+01	0.00E+00	1.10E-07	5.43E-08	3.23E-03	8.00E-06	1.35E+00	0.00E+00	1.38E+01	6.59E-07	1.38E+01	1.56E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	2.90E+02
M-ZBV60	3.99E-03	1.31E+00	7.65E-02

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U-BBH8580	7.80E-03	1.69E+00	1.57E-01	1.68E+00	0.00E+00	0.00E+00	2.42E+01	4.84E-05	1.65E-03	1.81E-02	0.00E+00	-1.44E-03	4.16E-09	5.28E-08	1.30E-01	4.14E+00	0.00E+00	0.00E+00	1.53E+01	1.74E-02	2.59E+01	0.00E+00	1.97E-07	8.09E-06	4.85E-03	7.15E-07	2.59E+00	0.00E+00	2.59E+01	5.92E-06	2.59E+01	2.98E+01	2.59E+00	0.00E+00	0.00E+00	0.00E+00	5.29E+02
U-BBHK10060	6.13E-03	2.27E+00	5.64E-01	1.64E+00	0.00E+00	0.00E+00	1.97E+01	3.63E-05	1.33E-03	1.52E-02	0.00E+00	-3.33E-03	3.85E-09	4.53E-08	1.01E-01	3.27E+00	0.00E+00	0.00E+00	1.26E+01	4.57E-02	1.98E+01	0.00E+00	1.48E-07	6.29E-06	4.67E-03	2.09E-06	1.99E+00	0.00E+00	1.99E+01	1.51E-06	1.99E+01	2.16E+01	1.95E+00	0.00E+00	0.00E+00	0.00E+00	4.80E+02
U-BBHK10080	9.76E-03	2.97E+00	5.05E-01	2.15E+00	0.00E+00	0.00E+00	2.99E+01	6.06E-05	1.95E-03	2.09E-02	0.00E+00	-1.95E-03	5.03E-09	6.63E-08	1.61E-01	5.35E+00	0.00E+00	0.00E+00	1.94E+01	4.15E-02	3.31E+01	0.00E+00	2.52E-07	1.06E-07	5.90E-03	2.44E-06	3.35E+00	0.00E+00	3.31E+01	1.21E-06	3.31E+01	3.76E+01	3.35E+00	0.00E+00	0.00E+00	0.00E+00	6.30E+02
U-BBHK11060	2.17E-03	2.76E-01	7.51E-02	2.12E-01	0.00E+00	0.00E+00	8.67E+00	1.59E-05	4.49E-04	2.24E-03	0.00E+00	-1.50E-03	7.15E-10	2.54E-08	3.02E-02	1.25E+00	0.00E+00	0.00E+00	4.54E+00	2.20E-02	5.00E+00	0.00E+00	3.43E-08	1.38E-08	6.33E-04	7.33E-07	1.16E+00	0.00E+00	5.00E+00	1.44E-06	5.00E+00	6.26E+00	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+02
U-BBHK11080	6.20E-03	3.00E+00	6.87E-01	1.88E+00	0.00E+00	0.00E+00	2.68E+01	3.99E-05	1.41E-03	1.67E-02	0.00E+00	-4.29E-03	4.62E-09	4.62E-08	1.05E-01	3.37E+00	0.00E+00	0.00E+00	1.38E+01	5.88E-02	2.03E+01	0.00E+00	1.50E-07	6.47E-06	4.30E-03	2.81E-06	2.05E+00	0.00E+00	2.03E+01	-7.62E-07	2.03E+01	2.21E+01	2.05E+00	0.00E+00	0.00E+00	0.00E+00	5.07E+02
U-BBHK12060	9.42E-03	2.48E+00	3.88E-01	2.09E+00	0.00E+00	0.00E+00	2.89E+01	5.82E-05	1.91E-03	2.06E-02	0.00E+00	-1.65E-03	5.01E-09	6.33E-08	1.56E-01	5.17E+00	0.00E+00	0.00E+00	1.89E+01	3.30E-02	3.19E+01	0.00E+00	2.47E-07	1.04E-07	5.76E-03	1.83E-06	3.23E+00	0.00E+00	3.19E+01	3.00E-06	3.19E+01	3.71E+01	3.23E+00	0.00E+00	0.00E+00	0.00E+00	6.27E+02
U-BBHK12080	6.21E-03	3.00E+00	6.77E-01	1.88E+00	0.00E+00	0.00E+00	2.68E+01	3.99E-05	1.41E-03	1.66E-02	0.00E+00	-4.29E-03	4.63E-09	4.64E-08	1.05E-01	3.38E+00	0.00E+00	0.00E+00	1.38E+01	5.88E-02	2.03E+01	0.00E+00	1.50E-07	6.47E-06	4.30E-03	2.81E-06	2.07E+00	0.00E+00	2.03E+01	-6.96E-07	2.03E+01	2.20E+01	2.07E+00	0.00E+00	0.00E+00	0.00E+00	5.10E+02
U-BBHK13060	9.50E-03	2.52E+00	3.92E-01	2.10E+00	0.00E+00	0.00E+00	2.91E+01	5.86E-05	1.91E-03	2.06E-02	0.00E+00	-1.65E-03	5.03E-09	6.36E-08	1.57E-01	5.20E+00	0.00E+00	0.00E+00	1.88E+01	3.30E-02	3.20E+01	0.00E+00	2.47E-07	1.05E-07	5.78E-03	1.84E-06	3.25E+00	0.00E+00	3.20E+01	3.00E-06	3.20E+01	3.72E+01	3.25E+00	0.00E+00	0.00E+00	0.00E+00	6.28E+02
U-BBHK13080	6.21E-03	3.00E+00	6.63E-01	1.88E+00	0.00E+00	0.00E+00	2.12E+01	4.09E-05	1.41E-03	1.68E-02	0.00E+00	-4.29E-03	4.63E-09	4.66E-08	1.05E-01	3.43E+00	0.00E+00	0.00E+00	1.38E+01	5.92E-02	2.05E+01	0.00E+00	1.50E-07	6.63E-06	4.32E-03	2.82E-06	2.09E+00	0.00E+00	2.05E+01	-6.55E-07	2.05E+01	2.24E+01	2.09E+00	0.00E+00	0.00E+00	0.00E+00	5.10E+02
U-BBHK14060	6.16E-03	2.55E+00	6.01E-01	1.79E+00	0.00E+00	0.00E+00	2.03E+01	3.95E-05	1.38E-03	1.59E-02	0.00E+00	-3.59E-03	4.59E-09	4.60E-08	1.03E-01	3.32E+00	0.00E+00	0.00E+00	1.35E+01	5.03E-02	1.96E+01	0.00E+00	1.46E-07	6.30E-06	4.19E-03	2.35E-06	1.99E+00	0.00E+00	1.96E+01	-5.11E-06	1.96E+01	2.16E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	4.96E+02
U-BBHK14080	1.02E-02	3.11E+00	2.02E-01	2.49E+00	0.00E+00	0.00E+00	4.30E+01	8.23E-05	2.00E-03	2.49E-02	0.00E+00	-4.91E-04	5.04E-09	7.78E-08	1.78E-01	6.34E+00	0.00E+00	0.00E+00	2.41E+01	6.48E-03	3.95E+01	0.00E+00	2.83E-07	1.33E-07	6.79E-03	1.05E-06	4.36E+00	0.00E+00	3.95E+01	5.25E-06	3.95E+01	4.52E+01	4.36E+00	0.00E+00	0.00E+00	0.00E+00	8.15E+02
U-BBHK8560	6.12E-03	2.19E+00	5.40E-01	1.63E+00	0.00E+00	0.00E+00	1.97E+01	3.85E-05	1.32E-03	1.52E-02	0.00E+00	-3.33E-03	3.83E-09	4.51E-08	1.01E-01	3.28E+00	0.00E+00	0.00E+00	1.29E+01	4.56E-02	1.98E+01	0.00E+00	1.48E-07	6.33E-06	4.07E-03	2.09E-06	1.96E+00	0.00E+00	1.98E+01	4.03E-06	1.98E+01	2.17E+01	1.96E+00	0.00E+00	0.00E+00	0.00E+00	4.63E+02
U-BBHK8580	9.76E-03	2.83E+00	4.77E-01	2.15E+00	0.00E+00	0.00E+00	2.98E+01	6.06E-05	1.95E-03	2.10E-02	0.00E+00	-1.50E-03	5.04E-09	6.63E-08	1.62E-01	5.35E+00	0.00E+00	0.00E+00	1.94E+01	3.74E-02	3.31E+01	0.00E+00	2.52E-07	1.09E-07	5.91E-03	2.32E-06	3.35E+00	0.00E+00	3.31E+01	1.29E-06	3.31E+01	3.79E+01	3.35E+00	0.00E+00	0.00E+00	0.00E+00	6.32E+02
U-BBHW	1.14E-03	2.27E-01	8.22E-02	1.46E-01	0.00E+00	0.00E+00	1.91E+00	3.71E-06	2.81E-04	1.59E-03	0.00E+00	-7.92E-03	3.11E-10	7.94E-09	1.05E-02	3.03E-01	0.00E+00	0.00E+00	1.39E+00	9.56E-02	1.92E+00	0.00E+00	1.48E-08	6.39E-09	4.00E-04	2.59E-06	2.26E-01	0.00E+00	1.92E+00	1.47E-07	1.92E+00	2.44E+00	2.26E-01	0.00E+00	0.00E+00	0.00E+00	4.95E+01
U-BBM10060	7.76E-03	3.00E+00	3.56E-01	1.98E+00	0.00E+00	0.00E+00	2.36E+01	4.77E-05	1.50E-03	1.73E-02	0.00E+00	-2.99E-03	4.63E-09	5.16E-08	1.27E-01	4.35E+00	0.00E+00	0.00E+00	1.77E+01	1.97E-02	2.66E+01	0.00E+00	1.86E-07	8.53E-06	4.69E-03	2.05E-06	2.71E+00	0.00E+00	2.66E+01	3.14E-06	2.66E+01	2.76E+01	2.71E+00	0.00E+00	0.00E+00	0.00E+00	6.43E+02
U-BBM10080	1.90E-02	4.37E+00	2.27E-01	4.14E+00	0.00E+00	0.00E+00	4.52E+01	9.19E-05	3.68E-03	4.18E-02	0.00E+00	-4.09E-04	7.10E-09	7.82E-08	2.79E-01	9.84E+00	0.00E+00	0.00E+00	2.83E+01	5.93E-03	6.88E+01	0.00E+00	4.87E-07	2.21E-07	1.15E-02	6.11E-07	5.27E+00	0.00E+00	6.88E+01	1.74E-05	6.88E+01	7.32E+01	5.27E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+03
U-BBM11060	1.01E-02	3.00E+00	4.22E-01	2.15E+00	0.00E+00	0.00E+00	3.09E+01	6.33E-05	1.96E-03	2.06E-02	0.00E+00	-1.74E-03	5.13E-09	6.85E-08	1.63E-01	5.71E+00	0.00E+00	0.00E+00	2.20E+01	3.82E-02	3.42E+01	0.00E+00	2.55E-07	1.16E-07	5.91E-03	2.10E-06	3.70E+00	0.00E+00	3.42E+01	2.04E-06	3.42E+01	3.82E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	7.33E+02
U-BBM11080	2.00E-02	4.36E+00	1.76E-01	4.31E+00	0.00E+00	0.00E+00	4.56E+01	9.33E-05	3.95E-03	4.52E-02	0.00E+00	-2.36E-04	7.05E-09	8.88E-08	2.83E-01	9.95E+00	0.00E+00	0.00E+00	3.03E+01	3.04E-03	7.16E+01	0.00E+00	5.18E-07	2.42E-07	1.24E-02	6.43E-07	5.47E+00	0.00E+00	7.16E+01	2.00E-05	7.16E+01	7.55E+01	5.47E+00	0.00E+00	0.00E+00	0.00E+00	1.06E+03
U-BBM13560	1.85E-02	4.16E+00	1.76E-01	3.94E+00	0.00E+00	0.00E+00	4.45E+01	8.80E-05	3.82E-03	4.13E-02	0.00E+00	-2.36E-04	7.07E-09	8.28E-08	2.54E-01	9.05E+00	0.00E+00	0.00E+00	2.75E+01	3.04E-03	6.48E+01	0.00E+00	4.74E-07	2.20E-07	1.16E-02	6.29E-07	5.10E+00	0.00E+00	6.48E+01	1.67E-05	6.48E+01	7.00E+01	5.10E+00	0.00E+00	0.00E+00	0.00E+00	9.62E+02
U-BBM13580	2.70E-02	5.48E+00	2.17E-01	5.17E+00	0.00E+00	0.00E+00	5.88E+01	1.41E-04	4.96E-03	5.48E-02	0.00E+00	-2.36E-04	9.22E-09	1.29E-07	3.76E-01	1.29E+01	0.00E+00	0.00E+00	4.77E+01	3.22E-03	8.57E+01	0.00E+00	6.49E-07	2.97E-07	1.59E-02	7.17E-07	8.17E+00	0.00E+00	8.57E+01	2.54E-05	8.57E+01	9.30E+01	8.11E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+03
U-BBM16060	2.86E-02	5.17E+00	2.01E-01	5.04E+00	0.00E+00	0.00E+00	5.60E+01	1.28E-04	4.75E-03	5.36E-02	0.00E+00	-2.15E-04	9.02E-09	1.23E-07	3.41E-01	1.17E+01	0.00E+00	0.00E+00	4.36E+01	3.21E-03	8.35E+01	0.00E+00	6.33E-07	2.85E-07	1.51E-02	7.09E-07	7.42E+00	0.00E+00	8.35E+01	2.44E-05	8.35E+01	9.09E+01	7.42E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+03
U-BBM16080	3.55E-02	6.86E+00	2.47E-01	6.77E+00	0.00E+00	0.00E+00	6.53E+01	1.57E-04	6.49E-03	7.11E-02	0.00E+00	-2.15E-04	9.60E-09	1.46E-07	4.75E-01	1.62E+01	0.00E+00	0.00E+00	5.22E+01	3.43E-03	1.13E+02	0.00E+00	8.47E-07	3.89E-07	2.14E-02	8.83E-07	9.35E+00	0.00E+00	1.13E+02	2.92E-05	1.13E+02	1.21E+02	9.35E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+03
U-BBM4060	4.70E-03	1.05E+00	6.44E-02	9.75E-01	0.00E+00	0.00E+00	1.42E+01	2.84E-05	8.98E-04	1.02E-02	0.00E+00	-1.47E-03	2.24E-09	3.04E-08	7.53E-02	2.63E+00	0.00E+00	0.00E+00	1.01E+01	1.62E-02	1.52E+01	0.00E+00	1.14E-07	5.11E-06	2.95E-03	4.15E-07	1.78E+00	0.00E+00	1.52E+01	2.73E-06	1.52E+01	1.72E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	3.58E+02
U-BBM4080	5.75E-03	1.29E+00	9.45E-02	1.13E+00	0.00E+00	0.00E+00	1.57E+01	3.31E-05	1.10E-03	1.11E-02	0.00E+00	-1.47E-03	2.57E-09	3.52E-08	9.15E-02	3.01E+00	0.00E+00	0.00E+00	1.09E+01	1.70E-02	1.86E+01	0.00E+00	1.40E-07	5.95E-06	3.29E-03	4.46E-07	1.83E+00	0.00E+00	1.86E+01	3.20E-06	1.86E+01	2.04E+01	1.83E+00	0.00E+00	0.00E+00	0.00E+00	4.02E+02
U-BBM4560	5.28E-03	1.30E+00	7.99E-02	1.09E+00	0.00E+00	0.00E+00	1.42E+01	2.77E-05	1.04E-03	1.08E-02	0.00E+00	-1.44E-03	2.30E-09	3.06E-08	7.36E-02	2.68E+00	0.00E+00	0.00E+00	1.02E+01	1.67E-02	1.65E+01	0.00E+00	1.24E-07	5.63E-06	3.15E-03	4.15E-07	1.77E+00	0.00E+00	1.65E+01	3.37E-06	1.65E+01	1.78E+01	1.77E+00	0.00E+00	0.00E+00	0.00E+00	3.67E+02
U-BBM4580	6.37E-03	1.67E+00	9.60E-02	1.51E+00	0.00E+00	0.00E+00	1.83E+01	3.67E-05	1.33E-03	1.49E-02	0.00E+00	-1.28E-03	3.99E-09	4.35E-08	9.87E-02	3.22E+00	0.00E+00	0.00E+00	1.21E+01	1.48E-02	2.04E+01	0.00E+00	1.50E-07	6.34E-06	4.03E-03	4.53E-07	1.95E+00	0.00E+00	2.04E+01	5.60E-06	2.04E+01	2.22E+01	1.95E+00	0.00E+00	0.00E+00	0.00E+00	4.44E+02
U-BBM6060	6.79E-03	1.67E+00	1.12E-01	1.53E+00	0.00E+00	0.00E+00	2.09E+01	4.33E-05	1.34E-03	1.56E-02	0.00E+00	-2.14E-03	4.13E-09	4.67E-08	1.13E-01	3.81E+00	0.00E+00	0.00E+00	1.54E+01	2.72E-02	2.28E+01	0.00E+00	1.67E-07	7.36E-06	4.13E-03	4.16E-07	2.40E+00	0.00E+00	2.28E+01	5.44E-06	2.28E+01	2.47E+01	2.40E+00	0.00E+00	0.00E+00	0.00E+00	5.63E+02
U-BBM6080	6.72E-03	2.22E+00	4.26E-01	1.70E+00	0.00E+00	0.00E+00	2.14E+01	4.15E-05	1.35E-03	1.55E-02	0.00E+00	-3.22E-03	4.57E-09	4.84E-08	1.05E-01	3.63E+00	0.00E+00	0.00E+00	1.56E+01	4.38E-02	2.13E+01	0.00E+00	1.59E-07	7.30E-06	4.10E-03	1.79E-06	2.39E+00	0.00E+00	2.13E+01	4.87E-06	2.13E+01	2.30E+01	2.39E+00	0.00E+00	0.00E+00	0.00E+00	5.83E+02
U-BBM7060	6.61E-03	2.16E+00	2.73E-01	1.71E+00	0.00E+00	0.00E+00	2.27E+01	4.54E-05	1.34E-03	1.58E-02	0.00E+00	-2.04E-03	4.54E-09	4.89E-08	1.16E-01	3.99E+00	0.00E+00	0.00E+00	1.63E+01	1.66E-02	2.31E+01	0.00E+00	1.65E-07	7.58E-06	4.20E-03	1.24E-06	2.56E+00	0.00E+00	2.31E+01	5.95E-06	2.31E+01	2.49E+01	2.56E+00	0.00E+00	0.00E+00	0.00E+00	5.97E+02
U-BBM7080	6.73E-03	2.57E+00	3.88E-01	1.88E+00	0.00E+00	0.00E+00	2.18E+01	4.23E-05	1.40E-03	1.60E-02	0.00E+00	-2.51E-03	4.79E-09	4.96E-08	1.08E-01	3.73E+00	0.00E+00	0.00E+00	1.67E+01	2.13E-02	2.14E+01	0.00E+00	1.55E-07	7.40E-06	4.22E-03	2.00E-06	2.47E+00	0.00E+00	2.14E+01	-4.04E-06	2.14E+01	2.31E+01	2.47E+00	0.00E+00	0.00E+00	0.00E+00	6.10E+02
U-BBM8060	7.62E-03	2.40E+00	3.28E-01	1.80E+00	0.00E+00	0.00E+00	2.33E+01	4.63E-05	1.42E-03	1.63E-02	0.00E+00	-2.02E-03	4.74E-09	5.02E-08	1.23E-01	4.23E+00	0.00E+00	0.00E+00	1.71E+01	1.66E-02	2.58E+01	0.00E+00	1.84E-07	8.34E-06	4.50E-03	1.28E-06	2.67E+00	0.00E+00	2.58E+01	2.86E-06	2.58E+01	2.72E+01	2.67E+00	0.00E+00	0.00E+00	0.00E+00	6.36E+02
U-BBM8080	7.61E-03	3.01E+00	4.22E-01	1.94E+00	0.00E+00	0.00E+00	2.25E+01	4.37E-05	1.46E-03	1.70E-02	0.00E+00	-2.59E-03	4.77E-09	5.06E-08	1.17E-01	3.99E+00	0.00E+00	0.00E+00	1.70E+01	2.13E-02	2.47E+01	0.00E+00	1.79E-07	8.26E-06	4.57E-03	2.11E-06	2.54E+00	0.00E+00	2.47E+01	1.12E-06	2.47E+01	2.59E+01	2.54E+00	0.00E+00	0.00E+00	0.00E+00	6.23E+02
U-BBM8560	7.72E-03	2.52E+00	2.82E-01	1.90E+00	0.00E+00	0.00E+00	2.34E+01	4.67E-05	1.46E-03	1.66E-02	0.00E+00	-2.02E-03	4.77E-09	5.10E-08	1.25E-01	4.26E+00	0.00E+00	0.00E+00	1.75E+01	1.66E-02	2.59E+01	0.00E+00	1.86E-07	8.38E-06	4.56E-03	1.01E-06	2.68E+00	0.00E+00	2.59E+01	3.11E-07	2.59E+01	2.73E+01	2.68E+00	0.00E+00	0.00E+00	0.00E+00	6.37E+02
U-BBM8580	8.32E-03	3.13E+00	2.11E-01	2.42E+00	0.00E+00	0.00E+00	4.32E+01	7.98E-05	1.54E-03	2.30E-02	0.00E+00	-4.09E-04	4.77E-09	6.71E-08	1.45E-01	5.50E+00	0.00E+00	0.00E+00	2.32E+01	5.78E-03	3.65E+01	0.00E+00	2.33E-07	1.25E-07	5.99E-03	5.46E-07	3.99E+00	0.00E+00	3.65E+01	5.16E-06	3.65E+01	3.98E+01	3.99E+00	0.00E+00	0.00E+00	0.00E+00	8.37E+02
U-BES36	3.47E-02	6.76E+00	2.89E-01	6.56E+00	0.00E+00	0.00E+00	6.81E+01	1.59E-04	6.39E-03	7.00E-02	0.00E+00	-1.55E-04	9.42E-09	1.53E-07	4.79E-01	1.63E+01	0.00E+00	0.00E+00	5.35E+01	2.48E-03	1.11E+02	0.00E+00	8.21E-07	3.76E-07	2.06E-02	8.61E-07	9.26E+00	0.00E+00	1.11E+02	2.72E-05	1.11E+02	1.19E+02	9.26E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+03
U-BESD36	5.29E-02	1.08E+01	5.18E-01	1.03E+01	0.00E+00	0.00E+00	1.13E+02	2.41E-04	8.92E-03	1.03E-01	0.00E+00	-4.26E-04	3.11E-08	2.51E-07	7.18E-01	2.48E+01	0.00E+00	0.00E+00	8.38E+01	6.68E-03	1.58E+02	0.00E+00	1.16E-06	5.11E-07	2.77E-02	1.19E-06	1.40E+01	0.00E+00	1.58E+02	3.38E-05	1.58E+02	1.72E+02	1.40E+01	0.00E+00	0.00E+00	0.00E+00	3.02E+03
U-BESD40	5.78E-02	1.24E+01	5.32E-01	1.18E+01	0.00E+00	0.00E+00	1.78E+02	3.68E-04	1.06E-02	1.26E-01	0.00E+00	-4.25E-04	3.22E-08	3.83E-07	9.70E-01	3.26E+01	0.00E+00	0.00E+00	1.21E+02	6.70E-03	2.10E+02	0.00E+00	1.45E-06	6.53E-07	3.40E-02	1.25E-06	2.05E+01	0.00E+00	2.10E+02	4.58E-05	2.10E+02	2.18E+02	2.05E+01	0.00E+00	0.00E+00	0.00E+00	4.34E+03
U-BHSASB6020	1.27E-02	2.37E+00	7.32E-01	1.57E+00	0.00E+00	0.00E+00	1.63E+01	3.37E-05	6.95E-03	1.50E-02	0.00E+00	-7.22E-02	2.28E-09	8.84E-08	8.30E-02	2.81E+00	0.00E+00	0.00E+00	1.39E+01	9.62E-01	1.76E+01	0.00E+00	1.40E-07	7.06E-08	4.10E-03	2.43E-05	1.93E+00	0.00E+00	1.76E+01	-6.19E-06	1.76E+01	1.89E+01	1.93E+00	0.00E+00	0.00E+00	0.00E+00	4.55E+02
U-BHSASB6022	1.27E-02	2.37E+00	7.32E-01	1.57E+00	0.00E+00	0.00E+00	1.63E+01	3.37E-05	6.95E-03	1.50E-02	0.00E+00	-7.30E-02	2.27E-09	8.84E-08	8.30E-02	2.81E+00	0.00E+00	0.00E+00	1.39E+01	9.72E-01	1.75E+01	0.00E+00	1.38E-07	7.06E-08	4.09E-03	2.45E-05	1.93E+00	0.00E+00	1.75E+01	-6.29E-06	1.75E+01	1.87E+01	1.93E+00	0.00E+00	0.00E+00	0.00E+00	4.56E+02
U-BK806020	2.05E-01	4.76E+01	2.73E+00	4.21E+01	0.00E+00	0.00E+00	7.29E+02	1.37E-03	4.75E-02	4.92E-01	0.00E+00	-3.89E-03	7.66E-08	1.23E-06	3.59E+00	1.23E+02	0.00E+00	0.00E+00	4.75E+02	5.09E-02	6.41E+02	0.00E+00	4.82E-06	2.46E-06	1.30E-01	7.99E-06	7.88E+01	0.00E+00	6.41E+02	1.62E-04	6.41E+02	6.08E+02	7.88E+01	0.00E+00	0.00E+00	0.00E+00	1.52E+04
U-BK806022	2.14E-01	5.08E+01	2.99E+00	4.42E+01	0.00E+00	0.00E+00	7.54E+02	1.41E-03	4.92E-02	5.20E-01	0.00E+00	-5.70E-03	8.04E-08	1.25E-06	3.66E+00	1.27E+02	0.00E+00	0.00E+00	4.83E+02	7.48E-02	6.79E+02	0.00E+00	5.04E-06	2.56E-06	1.37E-01	7.99E-06	8.19E+01	0.00E+00	6.79E+02	1.68E-04	6.79E+02	6.37E+02	8.19E+01	0.00E+00	0.00E+00	0.00E+00	1.63E+04
U-BK808020	2.15E-01	5.11E+01	3.04E+00	4.44E+01	0.00E+00	0.00E+00	7.57E+02	1.40E-03	4.96E-02	5.24E-01	0.00E+00	-5.70E-03	8.00E-08	1.25E-06	3.70E+00	1.26E+02	0.00E+00	0.00E+00	4.83E+02	7.48E-02	6.76E+02	0.00E+00	5.01E-06	2.57E-06	1.38E-01	9.01E-06	8.24E+01	0.00E+00	6.76E+02	1.68E-04	6.76E+02	6.30E+02	8.24E+01	0.00E+00	0.00E+00	0.00E+00	1.64E+04
U-BK808022	2.17E-01	5.12E+01	3.06E+00	4.44E+01	0.00E+00	0.00E+00	7.60E+02	1.42E-03	4.98E-02	5.30E-01	0.00E+00	-6.43E-03	8.16E-08	1.25E-06	3.73E+00	1.28E+02	0.00E+00	0.00E+00	4.86E+02	8.49E-02	6.86E+02	0.00E+00	5.13E-06	2.60E-06	1.39E-01	1.33E-05	8.30E+01	0.00E+00	6.86E+02	1.70E-04	6.86E+02	6.42E+02	8.30E+01	0.00E+00	0.00E+00	0.00E+00	1.65E+04
U-BKS	4.1E-03	9.24E-01	6.83E-02	8.52E-01	0.00E+00	0.00E+00	1.32E+01	2.69E-05	7.61E-04	9.63E-03	0.00E+00	-1.78E-03	2.09E-09	2.95E-08	7.33E-02	2.91E+00	0.00E+00	0.00E+00	9.73E+00	2.22E-02	1.41E+01	0.00E+00	1.02E-07	4.99E-06	2.89E-03	4.69E-07	1.69E+00	0.00E+00	1.41E+01	2.61E-06	1.41E+01	1.57E+01	1.69E+00	0.00E+00	0.00E+00	0.00E+00	3.68E+02
U-BKS2	4.73E-03	1.04E+00	6.29E-02	9.97E-01	0.00E+00	0.00E+00	1.46E+01	2.88E-05	9.08E-04	1.05E-02	0.00E+00	-1.44E-03	2.45E-09	3.10E-08	7.72E-02	2.65E+00	0.00E+00	0.00E+00	1.02E+01	1.88E-02	1.55E+01	0.00E+00	1.16E-07	5.16E-06	3.00E-03	3.25E-07	1.79E+00	0.00E+00	1.55E+01	3.04E-06	1.55E+01	1.74E+01	1.79E+00	0.00E+00	0.00E+00	0.00E+00	3.66E+02
U-BLVZIT1-U-P	3.68E-04	1.68E-01	4.53E-02	1.06E-01	0.00E+00	0.00E+00	1.03E+00	1.75E-06	8.45E-05	1.07E-03	0.00E+00	-5.75E-03	4.83E-10	2.63E-09	6.69E-03	2.46E-01	0.00E+00	0.00E+00	7.09E-01	7.65E-02	1.35E+00	0.00E+00	9.94E-09	4.24E-09	2.43E-04	2.09E-06	1.06E-01	0.00E+00	1.35E+00	-1.04E-07	1.35E+00	1.53E+00	1.06E-01	0.00E+00	0.00E+00	0.00E+00	2.58E+01
U-BLVZITFL	3.00E-02	4.80E+00	2.12E-01

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U-MC5EODM633GM	7.65E-03	2.56E+00	2.40E-01	2.05E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.87E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	4.99E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.73E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.95E+01	3.06E+00	0.00E+00	0.00E+00	0.00E+00	7.25E+02
U-MC5EODM633U	7.63E-03	2.56E+00	2.40E-01	2.01E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.86E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	5.02E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.67E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.97E+01	3.09E+00	0.00E+00	0.00E+00	0.00E+00	7.30E+02
U-MC5EODM633UM	7.65E-03	2.56E+00	2.40E-01	2.05E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.87E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	4.99E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.73E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.95E+01	3.06E+00	0.00E+00	0.00E+00	0.00E+00	7.25E+02
U-MC5EODM634G	7.65E-03	2.56E+00	2.40E-01	2.01E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.86E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	5.02E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.67E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.97E+01	3.09E+00	0.00E+00	0.00E+00	0.00E+00	7.30E+02
U-MC5EODM634GM	7.65E-03	2.56E+00	2.40E-01	2.05E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.87E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	4.99E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.73E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.95E+01	3.06E+00	0.00E+00	0.00E+00	0.00E+00	7.25E+02
U-MC5EODM634U	7.65E-03	2.56E+00	2.40E-01	2.01E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.86E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	5.02E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.67E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.97E+01	3.09E+00	0.00E+00	0.00E+00	0.00E+00	7.30E+02
U-MC5EODM634UM	7.65E-03	2.56E+00	2.40E-01	2.05E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.87E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	4.99E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.73E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.95E+01	3.06E+00	0.00E+00	0.00E+00	0.00E+00	7.25E+02
U-MC5EOG2563UG	7.81E-03	2.85E+00	2.40E-01	2.14E+00	0.00E+00	0.00E+00	2.73E+01	5.47E-05	1.58E-03	1.93E-02	0.00E+00	-3.70E-03	5.29E-09	6.20E-08	1.39E-01	4.37E+00	0.00E+00	0.00E+00	1.95E+01	5.02E-02	2.83E+01	0.00E+00	2.06E-07	8.92E-08	4.80E-03	2.77E-06	3.13E+00	0.00E+00	2.83E+01	6.73E-06	2.83E+01	3.06E+01	3.13E+00	0.00E+00	0.00E+00	0.00E+00	7.38E+02
U-MC5EOG2563UGM	7.81E-03	2.85E+00	2.40E-01	2.17E+00	0.00E+00	0.00E+00	2.73E+01	5.47E-05	1.58E-03	1.93E-02	0.00E+00	-3.70E-03	5.29E-09	6.20E-08	1.39E-01	4.37E+00	0.00E+00	0.00E+00	1.95E+01	4.99E-02	2.83E+01	0.00E+00	2.06E-07	8.92E-08	4.80E-03	2.83E-06	3.10E+00	0.00E+00	2.83E+01	6.73E-06	2.83E+01	3.04E+01	3.10E+00	0.00E+00	0.00E+00	0.00E+00	7.33E+02
U-MC5EOM2563G	7.65E-03	2.56E+00	2.40E-01	2.01E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.86E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	5.02E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.67E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.97E+01	3.09E+00	0.00E+00	0.00E+00	0.00E+00	7.30E+02
U-MC5EOM2563GM	7.65E-03	2.56E+00	2.40E-01	2.05E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.87E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	4.99E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.73E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.95E+01	3.06E+00	0.00E+00	0.00E+00	0.00E+00	7.25E+02
U-MC5EOM2563U	7.65E-03	2.56E+00	2.40E-01	2.01E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.86E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	5.02E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.67E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.97E+01	3.09E+00	0.00E+00	0.00E+00	0.00E+00	7.30E+02
U-MC5EOM2563UM	7.65E-03	2.56E+00	2.40E-01	2.05E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.87E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	4.99E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.73E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.95E+01	3.06E+00	0.00E+00	0.00E+00	0.00E+00	7.25E+02
U-MC5EUD254G	7.81E-03	2.85E+00	2.40E-01	2.14E+00	0.00E+00	0.00E+00	2.73E+01	5.47E-05	1.58E-03	1.93E-02	0.00E+00	-3.70E-03	5.29E-09	6.20E-08	1.39E-01	4.37E+00	0.00E+00	0.00E+00	1.95E+01	5.02E-02	2.83E+01	0.00E+00	2.06E-07	8.92E-08	4.80E-03	2.77E-06	3.13E+00	0.00E+00	2.83E+01	6.73E-06	2.83E+01	3.06E+01	3.13E+00	0.00E+00	0.00E+00	0.00E+00	7.38E+02
U-MC5EUD254GM	7.81E-03	2.85E+00	2.40E-01	2.17E+00	0.00E+00	0.00E+00	2.73E+01	5.47E-05	1.58E-03	1.93E-02	0.00E+00	-3.70E-03	5.29E-09	6.20E-08	1.39E-01	4.37E+00	0.00E+00	0.00E+00	1.95E+01	4.99E-02	2.83E+01	0.00E+00	2.06E-07	8.92E-08	4.80E-03	2.83E-06	3.10E+00	0.00E+00	2.83E+01	6.73E-06	2.83E+01	3.04E+01	3.10E+00	0.00E+00	0.00E+00	0.00E+00	7.33E+02
U-MC5EUD254U	7.81E-03	2.85E+00	2.40E-01	2.14E+00	0.00E+00	0.00E+00	2.73E+01	5.47E-05	1.58E-03	1.93E-02	0.00E+00	-3.70E-03	5.29E-09	6.20E-08	1.39E-01	4.37E+00	0.00E+00	0.00E+00	1.95E+01	5.02E-02	2.83E+01	0.00E+00	2.06E-07	8.92E-08	4.80E-03	2.77E-06	3.13E+00	0.00E+00	2.83E+01	6.73E-06	2.83E+01	3.06E+01	3.13E+00	0.00E+00	0.00E+00	0.00E+00	7.38E+02
U-MC5EUD254UM	7.81E-03	2.85E+00	2.40E-01	2.17E+00	0.00E+00	0.00E+00	2.73E+01	5.47E-05	1.58E-03	1.93E-02	0.00E+00	-3.70E-03	5.29E-09	6.20E-08	1.39E-01	4.37E+00	0.00E+00	0.00E+00	1.95E+01	4.99E-02	2.83E+01	0.00E+00	2.06E-07	8.92E-08	4.80E-03	2.83E-06	3.10E+00	0.00E+00	2.83E+01	6.73E-06	2.83E+01	3.04E+01	3.10E+00	0.00E+00	0.00E+00	0.00E+00	7.33E+02
U-MC5EUD633UG	7.81E-03	2.85E+00	2.40E-01	2.14E+00	0.00E+00	0.00E+00	2.73E+01	5.47E-05	1.58E-03	1.93E-02	0.00E+00	-3.70E-03	5.29E-09	6.20E-08	1.39E-01	4.37E+00	0.00E+00	0.00E+00	1.95E+01	5.02E-02	2.83E+01	0.00E+00	2.06E-07	8.92E-08	4.80E-03	2.77E-06	3.13E+00	0.00E+00	2.83E+01	6.73E-06	2.83E+01	3.06E+01	3.13E+00	0.00E+00	0.00E+00	0.00E+00	7.38E+02
U-MC5EUD633UGM	7.81E-03	2.85E+00	2.40E-01	2.17E+00	0.00E+00	0.00E+00	2.73E+01	5.47E-05	1.58E-03	1.93E-02	0.00E+00	-3.70E-03	5.29E-09	6.20E-08	1.39E-01	4.37E+00	0.00E+00	0.00E+00	1.95E+01	4.99E-02	2.83E+01	0.00E+00	2.06E-07	8.92E-08	4.80E-03	2.83E-06	3.10E+00	0.00E+00	2.83E+01	6.73E-06	2.83E+01	3.04E+01	3.10E+00	0.00E+00	0.00E+00	0.00E+00	7.33E+02
U-MC5EUD634G	7.81E-03	2.85E+00	2.40E-01	2.14E+00	0.00E+00	0.00E+00	2.73E+01	5.47E-05	1.58E-03	1.93E-02	0.00E+00	-3.70E-03	5.29E-09	6.20E-08	1.39E-01	4.37E+00	0.00E+00	0.00E+00	1.95E+01	5.02E-02	2.83E+01	0.00E+00	2.06E-07	8.92E-08	4.80E-03	2.83E-06	3.10E+00	0.00E+00	2.83E+01	6.73E-06	2.83E+01	3.06E+01	3.13E+00	0.00E+00	0.00E+00	0.00E+00	7.38E+02
U-MC5EUD634GM	7.81E-03	2.85E+00	2.40E-01	2.17E+00	0.00E+00	0.00E+00	2.73E+01	5.47E-05	1.58E-03	1.93E-02	0.00E+00	-3.70E-03	5.29E-09	6.20E-08	1.39E-01	4.37E+00	0.00E+00	0.00E+00	1.95E+01	4.99E-02	2.83E+01	0.00E+00	2.06E-07	8.92E-08	4.80E-03	2.83E-06	3.10E+00	0.00E+00	2.83E+01	6.73E-06	2.83E+01	3.04E+01	3.10E+00	0.00E+00	0.00E+00	0.00E+00	7.33E+02
U-MC5EUD634U	7.81E-03	2.85E+00	2.40E-01	2.14E+00	0.00E+00	0.00E+00	2.73E+01	5.47E-05	1.58E-03	1.93E-02	0.00E+00	-3.70E-03	5.29E-09	6.20E-08	1.39E-01	4.37E+00	0.00E+00	0.00E+00	1.95E+01	5.02E-02	2.83E+01	0.00E+00	2.06E-07	8.92E-08	4.80E-03	2.77E-06	3.13E+00	0.00E+00	2.83E+01	6.73E-06	2.83E+01	3.06E+01	3.13E+00	0.00E+00	0.00E+00	0.00E+00	7.38E+02
U-MC5EUD634UM	7.81E-03	2.85E+00	2.40E-01	2.17E+00	0.00E+00	0.00E+00	2.73E+01	5.47E-05	1.58E-03	1.93E-02	0.00E+00	-3.70E-03	5.29E-09	6.20E-08	1.39E-01	4.37E+00	0.00E+00	0.00E+00	1.95E+01	4.99E-02	2.83E+01	0.00E+00	2.06E-07	8.92E-08	4.80E-03	2.83E-06	3.10E+00	0.00E+00	2.83E+01	6.73E-06	2.83E+01	3.04E+01	3.10E+00	0.00E+00	0.00E+00	0.00E+00	7.33E+02
U-MC5EUDM254G	7.65E-03	2.56E+00	2.40E-01	2.01E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.86E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	5.02E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.67E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.97E+01	3.09E+00	0.00E+00	0.00E+00	0.00E+00	7.30E+02
U-MC5EUDM254GM	7.65E-03	2.56E+00	2.40E-01	2.05E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.87E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	4.99E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.73E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.95E+01	3.06E+00	0.00E+00	0.00E+00	0.00E+00	7.25E+02
U-MC5EUDM254U	7.65E-03	2.56E+00	2.40E-01	2.01E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.86E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	5.02E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.67E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.97E+01	3.09E+00	0.00E+00	0.00E+00	0.00E+00	7.30E+02
U-MC5EUDM254UM	7.65E-03	2.56E+00	2.40E-01	2.05E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.87E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	4.99E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.73E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.95E+01	3.06E+00	0.00E+00	0.00E+00	0.00E+00	7.25E+02
U-MC5EUDM633G	7.65E-03	2.56E+00	2.40E-01	2.01E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.86E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	5.02E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.67E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.97E+01	3.09E+00	0.00E+00	0.00E+00	0.00E+00	7.30E+02
U-MC5EUDM633GM	7.65E-03	2.56E+00	2.40E-01	2.05E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.87E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	4.99E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.73E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.95E+01	3.06E+00	0.00E+00	0.00E+00	0.00E+00	7.25E+02
U-MC5EUDM633U	7.63E-03	2.56E+00	2.40E-01	2.01E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.86E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	5.02E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.67E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.97E+01	3.09E+00	0.00E+00	0.00E+00	0.00E+00	7.30E+02
U-MC5EUDM633UM	7.65E-03	2.56E+00	2.40E-01	2.05E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.87E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	4.99E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.73E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.95E+01	3.06E+00	0.00E+00	0.00E+00	0.00E+00	7.25E+02
U-MC5EUDM634G	7.65E-03	2.56E+00	2.40E-01	2.01E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.86E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	5.02E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.67E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.97E+01	3.09E+00	0.00E+00	0.00E+00	0.00E+00	7.30E+02
U-MC5EUDM634GM	7.65E-03	2.56E+00	2.40E-01	2.05E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.87E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	4.99E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.73E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.95E+01	3.06E+00	0.00E+00	0.00E+00	0.00E+00	7.25E+02
U-MC5EUDM634U	7.65E-03	2.56E+00	2.40E-01	2.01E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.86E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	5.02E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.67E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.97E+01	3.09E+00	0.00E+00	0.00E+00	0.00E+00	7.30E+02
U-MC5EUDM634UM	7.65E-03	2.56E+00	2.40E-01	2.05E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.87E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	4.99E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.73E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.95E+01	3.06E+00	0.00E+00	0.00E+00	0.00E+00	7.25E+02
U-MC5EUM2563G	7.65E-03	2.56E+00	2.40E-01	2.01E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.86E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	5.02E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.67E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.97E+01	3.09E+00	0.00E+00	0.00E+00	0.00E+00	7.30E+02
U-MC5EUM2563GM	7.65E-03	2.56E+00	2.40E-01	2.05E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.87E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	4.99E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.73E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.95E+01	3.06E+00	0.00E+00	0.00E+00	0.00E+00	7.25E+02
U-MC5EUM2563U	7.65E-03	2.56E+00	2.40E-01	2.01E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.86E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	5.02E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.67E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.97E+01	3.09E+00	0.00E+00	0.00E+00	0.00E+00	7.30E+02
U-MC5EUM2563UM	7.65E-03	2.56E+00	2.40E-01	2.05E+00	0.00E+00	0.00E+00	2.70E+01	5.40E-05	1.47E-03	1.87E-02	0.00E+00	-3.70E-03	5.16E-09	6.07E-08	1.35E-01	4.27E+00	0.00E+00	0.00E+00	1.94E+01	4.99E-02	2.74E+01	0.00E+00	2.00E-07	8.77E-08	4.61E-03	2.73E-06	3.06E+00	0.00E+00	2.74E+01	5.08E-06	2.74E+01	2.95E+01	3.06E+00	0.00E+00	0.00E+00	0.00E+00	7.25E+02
U-MC6D633UG	8.67E-03	2.96E+00	2.63E-01	2.16E+00	0.00E+00	0.00E+00	2.77E+01	5.59E-05	1.56E-03	1.96E-02	0.00E+00	-3.70E-03	5.75E-09	6.27E-08	1.40E-01	4.75E+00	0.00E+00	0.00E+00	1.97E+01	5.03E-02	2.98E+01	0.00E+00	2.19E-07	9.98E-08	4.98E-03	2.91E-06	3.25E+00	0.00E+00	2.98E+01	7.41E-06	2.98E+01	3.23E+01	3.25E+00	0.00E+00	0.00E+00	0.00E+00	7.48E+02
U-MC6D633UGM	8.67E-03	2.96E+00	2.63E-01	2.19E+00	0.00E+00	0.00E+00	2.77E+01	5.59E-05	1.56E-03	1.98E-02	0.00E+00	-3.70E-03	5.75E-09	6.27E-08	1.40E-01	4.75E+00	0.00E+00	0.00E+00	1.97E+01	4.99E-02	2.98E+01	0.00E+00	2.19E-07	9.98E-08	4.98E-03	2.96E-06	3.23E+00	0.00E+00	2.98E+01	7.41E-06	2.98E+01	3.21E+01	3.23E+00	0.00E+00	0.00E+00	0.00E+00	7.45E+02
U-MC6D634G	8.67E-03	2.96E+00	2.63E-01	2.16E+00	0.00E+00	0.00E+00	2.77E+01	5.59E-05	1.56E-03	1.96E-02	0.00E+00	-3.70E-03	5.75E-09	6.27E-08	1.40E-01	4.75E+00	0.00E+00	0.00E+00	1.97E+01	5.03E-02	2.98E+01	0.00E+00	2.19E-07	9.98E-08	4.98E-03	2.91E-06	3.25E+00	0.00E+00	2.98E+01	7.41E-06	2.98E+01	3.23E+01	3.25E+00	0.00E+00	0.00E+00	0.00E+00	7.48E+02
U-MC6D634GM	8.67E-03	2.96E+00	2.63E-01	2.19E+00	0.00E+00	0.00E+00	2.77E+01	5.59E-05	1.56E-03	1.98E-02	0.00E+00	-3.70E-03	5.75E-09	6.27E-08	1.40E-01	4.75E+00	0.00E+00	0.00E+00	1.97E+01	4.99E-02	2.98E+01	0.00E+00	2.19E-07	9.98E-08	4.98E-03	2.96E-06	3.23E+00	0.00E+00	2.98E+01	7.41E-06	2.98E+01	3.21E+01	3.23E+00	0.00E+00	0.00E+00	0.00E+00	7.45E+02
U-MC6D634U	8.67E-03	2.96E+00	2.63E-01	2.16E+00	0.00E+00	0.00E+00	2.77E+01	5.59E-05	1.56E-03	1.96E-02	0.00E+00	-3.70E-03	5.75E-09	6.27E-08	1.40E-01	4.75E+00	0.00E+00	0.00E+00	1.97E+01	5.03E-02	2.98E+01	0.00E+00	2.19E-07	9.98E-08	4.98E-03	2.91E-06	3.25E+00	0.00E+00	2.98E+01	7.41E-06	2.98E+01	3.23E+01	3.25E+00	0.00E+00	0.00E+00	0.00E+00	7.48E+02
U-MC6D634UM	8.67E-03	2.96E+00	2.63E-01	2.19E+00	0.00E+00	0.00E+00	2.77E+01	5.59E-05	1.56E-03	1.96E-02	0.00E+00	-3.70E-03	5.75E-09	6.27E-08	1.40E-01	4.75E+00	0.00E+00	0.00E+00	1.97E+01	4.99E-02	2.98E+01	0.00E+00	2.19E-07	9.98E-08	4.98E-03	2.96E-06	3.23E+00	0.00E+00	2.98E+01	7.41E-06	2.98E+01	3.21E+01	3.23E+00	0.00E+00	0.00E+00	0.00E+00	7.45E+02
U-MC6DM633G	8.57E-03	2.96E+00	2.53E-01	2.15E+00	0.00E+00	0.00E+00	2.77E+01	5.56E-05	1.56E-03	1.95E-02	0.00E+00	-3.70E-03	5.53E-09	6.24E-08	1.40E-01	4.71E+00	0.00E+00	0.00E+00	1.97E+01	5.02E-02	2.98E+01	0.00E+00	2.19E-07	9.93E-08	4.95E-03	2.96E-06	3.23E+00	0.00E+00

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U-MT8512	3.45E-02	7.86E+00	5.08E-01	7.18E+00	0.00E+00	0.00E+00	9.93E+01	1.99E-04	6.60E-03	7.42E-02	0.00E+00	-1.86E-02	1.03E-08	2.18E-07	5.48E-01	1.88E+01	0.00E+00	0.00E+00	6.74E+01	2.45E-01	1.18E+02	0.00E+00	8.55E-07	3.85E-07	2.08E-02	7.13E-06	1.14E+01	0.00E+00	1.18E+02	2.43E-05	1.18E+02	1.28E+02	1.14E+01	0.00E+00	0.00E+00	0.00E+00	2.35E+03
U-MT856	2.11E-02	4.57E+00	3.08E-01	4.30E+00	0.00E+00	0.00E+00	5.88E+01	1.20E-04	4.16E-03	4.48E-02	0.00E+00	-1.73E-02	8.04E-09	1.16E-07	3.37E-01	1.13E+01	0.00E+00	0.00E+00	4.38E+01	2.23E-01	7.23E+01	0.00E+00	5.33E-07	2.39E-07	1.24E-02	6.58E-06	7.10E+00	0.00E+00	7.23E+01	1.68E-05	7.23E+01	7.96E+01	7.10E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+03
U-MT859	2.92E-02	6.39E+00	3.92E-01	6.03E+00	0.00E+00	0.00E+00	8.64E+01	1.68E-04	5.51E-03	6.28E-02	0.00E+00	-1.49E-02	9.07E-09	1.85E-07	4.73E-01	1.59E+01	0.00E+00	0.00E+00	5.66E+01	1.97E-01	1.04E+02	0.00E+00	7.55E-07	3.28E-07	1.72E-02	5.87E-06	9.56E+00	0.00E+00	1.04E+02	2.29E-05	1.04E+02	1.14E+02	9.56E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+03
U-MTCH1603P3F	5.31E-03	1.51E+00	7.24E-02	1.34E+00	0.00E+00	0.00E+00	1.41E+01	2.73E-05	1.05E-03	1.14E-02	0.00E+00	-1.00E-03	2.52E-09	3.13E-08	7.25E-02	2.66E+00	0.00E+00	0.00E+00	9.70E+00	1.17E-02	1.66E+01	0.00E+00	1.27E-07	5.70E-08	3.23E-03	4.83E-07	1.72E+00	0.00E+00	1.66E+01	3.50E-06	1.66E+01	1.76E+01	1.72E+00	0.00E+00	0.00E+00	0.00E+00	3.54E+02
U-MTCH1603P3RL	1.33E-02	4.52E+00	3.90E-01	3.96E+00	0.00E+00	0.00E+00	5.86E+01	1.39E-04	3.33E-03	3.23E-02	0.00E+00	-2.99E-02	5.47E-09	1.47E-07	3.13E-01	8.48E+00	0.00E+00	0.00E+00	3.20E+01	3.04E-01	6.32E+01	0.00E+00	3.97E-07	1.97E-07	1.33E-02	1.03E-05	5.38E+00	0.00E+00	6.32E+01	5.47E-06	6.32E+01	9.40E+01	5.38E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+03
U-MTCH1603P3RR	1.33E-02	4.52E+00	3.90E-01	3.96E+00	0.00E+00	0.00E+00	5.86E+01	1.39E-04	3.33E-03	3.23E-02	0.00E+00	-2.99E-02	5.47E-09	1.47E-07	3.13E-01	8.48E+00	0.00E+00	0.00E+00	3.20E+01	3.04E-01	6.32E+01	0.00E+00	3.97E-07	1.97E-07	1.33E-02	1.03E-05	5.38E+00	0.00E+00	6.32E+01	5.47E-06	6.32E+01	9.40E+01	5.38E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+03
U-MTCH1604P3F	5.31E-03	1.51E+00	7.24E-02	1.34E+00	0.00E+00	0.00E+00	1.41E+01	2.73E-05	1.05E-03	1.14E-02	0.00E+00	-1.00E-03	2.52E-09	3.13E-08	7.25E-02	2.66E+00	0.00E+00	0.00E+00	9.70E+00	1.17E-02	1.66E+01	0.00E+00	1.27E-07	5.70E-08	3.23E-03	4.83E-07	1.72E+00	0.00E+00	1.66E+01	3.50E-06	1.66E+01	1.76E+01	1.72E+00	0.00E+00	0.00E+00	0.00E+00	3.54E+02
U-MTCH1604P3RL	3.69E-02	9.45E+00	4.58E-01	1.10E+01	0.00E+00	0.00E+00	9.63E+01	1.94E-04	5.48E-03	8.57E-02	0.00E+00	-2.99E-02	2.58E-08	3.82E-07	5.59E-01	1.90E+01	0.00E+00	0.00E+00	8.17E+01	3.05E-01	1.34E+02	0.00E+00	7.75E-07	4.65E-07	2.95E-02	1.06E-05	1.16E+01	0.00E+00	1.34E+02	2.41E-05	1.34E+02	2.02E+02	1.16E+01	0.00E+00	0.00E+00	0.00E+00	3.45E+03
U-MTCH1604P3RR	3.69E-02	9.48E+00	4.58E-01	1.10E+01	0.00E+00	0.00E+00	9.63E+01	1.94E-04	5.48E-03	8.57E-02	0.00E+00	-2.99E-02	2.58E-08	3.82E-07	5.59E-01	1.90E+01	0.00E+00	0.00E+00	8.17E+01	3.05E-01	1.34E+02	0.00E+00	7.75E-07	4.65E-07	2.95E-02	1.06E-05	1.16E+01	0.00E+00	1.34E+02	2.41E-05	1.34E+02	2.02E+02	1.16E+01	0.00E+00	0.00E+00	0.00E+00	3.45E+03
U-MTCH2503P3F	5.31E-03	1.51E+00	7.24E-02	1.34E+00	0.00E+00	0.00E+00	1.41E+01	2.73E-05	1.05E-03	1.14E-02	0.00E+00	-1.00E-03	2.52E-09	3.13E-08	7.25E-02	2.66E+00	0.00E+00	0.00E+00	9.70E+00	1.17E-02	1.66E+01	0.00E+00	1.27E-07	5.70E-08	3.23E-03	4.83E-07	1.72E+00	0.00E+00	1.66E+01	3.50E-06	1.66E+01	1.76E+01	1.72E+00	0.00E+00	0.00E+00	0.00E+00	3.54E+02
U-MTCH2503P3RL	8.33E-03	3.51E+00	3.56E-01	2.76E+00	0.00E+00	0.00E+00	5.14E+01	9.36E-05	2.67E-03	2.68E-02	0.00E+00	-2.99E-02	4.42E-09	7.82E-08	1.79E-01	6.37E+00	0.00E+00	0.00E+00	2.73E+01	3.05E-01	4.08E+01	0.00E+00	2.65E-07	1.35E-07	7.23E-03	1.02E-05	4.61E+00	0.00E+00	4.08E+01	4.89E-07	4.08E+01	4.23E+01	4.61E+00	0.00E+00	0.00E+00	0.00E+00	9.58E+02
U-MTCH2503P3RR	1.67E-02	4.71E+00	3.56E-01	4.47E+00	0.00E+00	0.00E+00	5.12E+01	9.49E-05	3.80E-03	4.07E-02	0.00E+00	-2.99E-02	7.14E-09	7.78E-08	2.57E-01	9.04E+00	0.00E+00	0.00E+00	2.68E+01	3.05E-01	6.13E+01	0.00E+00	4.39E-07	2.00E-07	1.10E-02	1.02E-05	5.27E+00	0.00E+00	6.13E+01	1.04E-05	6.13E+01	6.52E+01	5.27E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+03
U-MTCH2504P4F	6.66E-03	1.80E+00	7.65E-02	1.59E+00	0.00E+00	0.00E+00	1.80E+01	3.92E-05	1.35E-03	1.55E-02	0.00E+00	-9.98E-04	3.38E-09	3.90E-08	1.02E-01	3.54E+00	0.00E+00	0.00E+00	1.43E+01	1.11E-02	2.18E+01	0.00E+00	1.59E-07	7.23E-08	4.11E-03	4.91E-07	2.33E+00	0.00E+00	2.18E+01	5.85E-06	2.18E+01	2.37E+01	2.33E+00	0.00E+00	0.00E+00	0.00E+00	5.34E+02
U-MTCH2504P4RL	4.45E-02	1.07E+01	4.82E-01	1.22E+01	0.00E+00	0.00E+00	1.04E+02	2.23E-04	6.28E-03	9.27E-02	0.00E+00	-3.11E-02	2.77E-08	4.21E-07	6.43E-01	2.14E+01	3.28E-07	0.00E+00	9.72E+01	3.26E-01	1.45E+02	0.00E+00	8.67E-07	5.08E-07	3.17E-02	1.12E-05	1.37E+01	0.00E+00	1.45E+02	3.06E-05	1.45E+02	2.16E+02	1.37E+01	0.00E+00	0.00E+00	0.00E+00	4.07E+03
U-MTCH2504P4RR	4.45E-02	1.07E+01	4.82E-01	1.22E+01	0.00E+00	0.00E+00	1.04E+02	2.23E-04	6.28E-03	9.27E-02	0.00E+00	-3.11E-02	2.77E-08	4.21E-07	6.43E-01	2.14E+01	3.28E-07	0.00E+00	9.72E+01	3.26E-01	1.45E+02	0.00E+00	8.67E-07	5.08E-07	3.17E-02	1.12E-05	1.37E+01	0.00E+00	1.45E+02	3.06E-05	1.45E+02	2.16E+02	1.37E+01	0.00E+00	0.00E+00	0.00E+00	4.07E+03
U-MTCH6303P4F	6.88E-03	1.82E+00	7.70E-02	1.62E+00	0.00E+00	0.00E+00	2.06E+01	4.31E-05	1.36E-03	1.58E-02	0.00E+00	-6.84E-04	4.15E-09	4.86E-08	1.11E-01	3.78E+00	0.00E+00	0.00E+00	1.51E+01	5.94E-03	2.31E+01	0.00E+00	1.68E-07	7.37E-08	4.13E-03	4.88E-07	2.41E+00	0.00E+00	2.31E+01	5.87E-06	2.31E+01	2.49E+01	2.41E+00	0.00E+00	0.00E+00	0.00E+00	5.58E+02
U-MTCH6303P4RL	2.55E-02	6.39E+00	3.44E-01	5.95E+00	0.00E+00	0.00E+00	6.67E+01	1.40E-04	4.97E-03	5.14E-02	0.00E+00	-3.01E-02	9.91E-09	1.54E-07	3.81E-01	1.28E+01	0.00E+00	0.00E+00	5.01E+01	4.03E-01	7.79E+01	0.00E+00	5.80E-07	2.63E-07	1.46E-02	1.15E-05	8.52E+00	0.00E+00	7.79E+01	1.80E-05	7.79E+01	8.68E+01	8.52E+00	0.00E+00	0.00E+00	0.00E+00	1.87E+03
U-MTCH6303P4RR	2.55E-02	6.39E+00	3.44E-01	5.95E+00	0.00E+00	0.00E+00	6.67E+01	1.40E-04	4.97E-03	5.14E-02	0.00E+00	-3.01E-02	9.91E-09	1.54E-07	3.81E-01	1.28E+01	0.00E+00	0.00E+00	5.01E+01	4.03E-01	7.79E+01	0.00E+00	5.80E-07	2.63E-07	1.46E-02	1.15E-05	8.52E+00	0.00E+00	7.79E+01	1.80E-05	7.79E+01	8.68E+01	8.52E+00	0.00E+00	0.00E+00	0.00E+00	1.87E+03
U-MTCH6303P6F	6.66E-03	2.31E+00	2.17E-01	1.65E+00	0.00E+00	0.00E+00	2.21E+01	4.42E-05	1.33E-03	1.58E-02	0.00E+00	-1.66E-03	4.65E-09	5.12E-08	1.11E-01	3.65E+00	0.00E+00	0.00E+00	1.62E+01	9.21E-03	2.32E+01	0.00E+00	1.66E-07	7.81E-08	4.26E-03	1.24E-06	2.51E+00	0.00E+00	2.32E+01	3.55E-06	2.32E+01	2.55E+01	2.51E+00	0.00E+00	0.00E+00	0.00E+00	5.98E+02
U-MTCH6304P4F	6.88E-03	1.82E+00	7.70E-02	1.62E+00	0.00E+00	0.00E+00	2.06E+01	4.31E-05	1.36E-03	1.56E-02	0.00E+00	-6.84E-04	4.15E-09	4.66E-08	1.11E-01	3.78E+00	0.00E+00	0.00E+00	1.51E+01	5.94E-03	2.31E+01	0.00E+00	1.66E-07	7.37E-08	4.13E-03	4.88E-07	2.41E+00	0.00E+00	2.31E+01	5.87E-06	2.31E+01	2.49E+01	2.41E+00	0.00E+00	0.00E+00	0.00E+00	5.58E+02
U-MTCH6304P4RL	4.85E-02	1.15E+01	4.49E-01	1.29E+01	0.00E+00	0.00E+00	1.22E+02	2.39E-04	7.63E-03	1.01E-01	0.00E+00	-3.26E-02	2.81E-08	4.61E-07	7.18E-01	2.40E+01	0.00E+00	0.00E+00	1.03E+02	4.27E-01	1.59E+02	0.00E+00	9.90E-07	5.52E-07	3.50E-02	1.19E-05	1.49E+01	0.00E+00	1.59E+02	3.29E-05	1.59E+02	2.30E+02	1.49E+01	0.00E+00	0.00E+00	0.00E+00	4.26E+03
U-MTCH6304P4RR	4.85E-02	1.15E+01	4.49E-01	1.29E+01	0.00E+00	0.00E+00	1.22E+02	2.39E-04	7.63E-03	1.01E-01	0.00E+00	-3.26E-02	2.81E-08	4.61E-07	7.18E-01	2.40E+01	0.00E+00	0.00E+00	1.03E+02	4.27E-01	1.59E+02	0.00E+00	9.90E-07	5.52E-07	3.50E-02	1.19E-05	1.49E+01	0.00E+00	1.59E+02	3.29E-05	1.59E+02	2.30E+02	1.49E+01	0.00E+00	0.00E+00	0.00E+00	4.26E+03
U-MTCH6304P6F	6.88E-03	2.31E+00	2.17E-01	1.65E+00	0.00E+00	0.00E+00	2.21E+01	4.42E-05	1.33E-03	1.58E-02	0.00E+00	-1.66E-03	4.65E-09	5.12E-08	1.11E-01	3.65E+00	0.00E+00	0.00E+00	1.62E+01	9.21E-03	2.32E+01	0.00E+00	1.66E-07	7.81E-08	4.26E-03	1.24E-06	2.51E+00	0.00E+00	2.32E+01	3.55E-06	2.32E+01	2.55E+01	2.51E+00	0.00E+00	0.00E+00	0.00E+00	5.98E+02
U-MTCHEX1FFE	4.56E-03	1.53E+00	4.69E-02	1.23E+00	0.00E+00	0.00E+00	9.82E+00	2.37E-05	9.56E-04	1.15E-02	0.00E+00	-1.04E-02	1.34E-09	2.24E-08	6.29E-02	2.30E+00	0.00E+00	0.00E+00	6.95E+00	1.43E-01	1.34E+01	0.00E+00	9.92E-08	4.41E-08	2.59E-03	2.65E-06	1.34E+00	0.00E+00	1.34E+01	2.14E-06	1.34E+01	1.44E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	2.67E+02
U-MTCHEX1FFEM	4.56E-03	1.65E+00	4.36E-02	1.36E+00	0.00E+00	0.00E+00	9.72E+00	2.19E-05	9.56E-04	1.19E-02	0.00E+00	-1.06E-02	1.32E-09	2.26E-08	6.21E-02	2.29E+00	0.00E+00	0.00E+00	7.01E+00	1.44E-01	1.34E+01	0.00E+00	9.83E-08	4.40E-08	2.59E-03	2.71E-06	1.24E+00	0.00E+00	1.34E+01	2.14E-06	1.34E+01	1.42E+01	1.24E+00	0.00E+00	0.00E+00	0.00E+00	2.56E+02
U-MTCHEX1FHF	4.13E-03	1.43E+00	4.49E-02	1.24E+00	0.00E+00	0.00E+00	9.22E+00	2.29E-05	8.51E-04	1.20E-02	0.00E+00	-9.18E-03	1.24E-09	2.14E-08	6.32E-02	2.20E+00	0.00E+00	0.00E+00	6.70E+00	1.18E-01	1.25E+01	0.00E+00	9.34E-08	4.29E-08	2.68E-03	2.11E-06	1.29E+00	0.00E+00	1.25E+01	1.40E-06	1.25E+01	1.39E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	2.48E+02
U-MTCHEX1FHFM	4.14E-03	1.56E+00	4.17E-02	1.38E+00	0.00E+00	0.00E+00	9.09E+00	2.10E-05	8.51E-04	1.26E-02	0.00E+00	-9.39E-03	1.22E-09	2.17E-08	6.19E-02	2.19E+00	0.00E+00	0.00E+00	6.75E+00	1.18E-01	1.24E+01	0.00E+00	9.18E-08	4.26E-08	2.69E-03	2.16E-06	1.18E+00	0.00E+00	1.24E+01	1.40E-06	1.24E+01	1.35E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+02
U-MTCHEX1RFE	4.34E-03	1.53E+00	5.11E-02	1.23E+00	0.00E+00	0.00E+00	1.04E+01	2.49E-05	9.20E-04	1.12E-02	0.00E+00	-1.23E-02	1.36E-09	2.30E-08	6.50E-02	2.29E+00	0.00E+00	0.00E+00	7.49E+00	1.71E-01	1.14E+01	0.00E+00	8.69E-08	4.32E-08	2.52E-03	3.04E-06	1.38E+00	0.00E+00	1.14E+01	1.60E-06	1.14E+01	1.29E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	2.82E+02
U-MTCHEX1RFEM	4.34E-03	1.65E+00	4.79E-02	1.36E+00	0.00E+00	0.00E+00	1.03E+01	2.32E-05	9.20E-04	1.17E-02	0.00E+00	-1.25E-02	1.34E-09	2.33E-08	6.42E-02	2.30E+00	0.00E+00	0.00E+00	7.53E+00	1.72E-01	1.14E+01	0.00E+00	8.64E-08	4.31E-08	2.52E-03	3.10E-06	1.29E+00	0.00E+00	1.14E+01	1.60E-06	1.14E+01	1.27E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	2.72E+02
U-MTCHEX1RHF	4.65E-03	1.56E+00	4.71E-02	1.31E+00	0.00E+00	0.00E+00	9.82E+00	2.37E-05	9.96E-04	1.30E-02	0.00E+00	-9.03E-03	1.33E-09	2.24E-08	6.54E-02	2.31E+00	0.00E+00	0.00E+00	6.93E+00	1.14E-01	1.37E+01	0.00E+00	1.02E-07	4.51E-08	2.75E-03	2.18E-06	1.35E+00	0.00E+00	1.37E+01	2.22E-06	1.37E+01	1.49E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	2.68E+02
U-MTCHEX1RHFM	4.65E-03	1.68E+00	4.39E-02	1.44E+00	0.00E+00	0.00E+00	9.72E+00	2.19E-05	9.96E-04	1.35E-02	0.00E+00	-9.24E-03	1.31E-09	2.26E-08	6.41E-02	2.30E+00	0.00E+00	0.00E+00	6.98E+00	1.16E-01	1.37E+01	0.00E+00	1.01E-07	4.51E-08	2.74E-03	2.24E-06	1.24E+00	0.00E+00	1.37E+01	2.23E-06	1.37E+01	1.47E+01	1.24E+00	0.00E+00	0.00E+00	0.00E+00	2.56E+02
U-MTD11012	5.66E-02	1.24E+01	7.20E-01	1.25E+01	0.00E+00	0.00E+00	1.66E+02	3.23E-04	1.04E-02	1.16E-01	0.00E+00	-3.10E-02	1.93E-08	3.47E-07	8.32E-01	2.87E+01	0.00E+00	0.00E+00	1.10E+02	4.09E-01	1.73E+02	0.00E+00	1.28E-06	5.64E-07	3.04E-02	1.08E-05	1.86E+01	0.00E+00	1.73E+02	3.88E-05	1.73E+02	1.94E+02	1.86E+01	0.00E+00	0.00E+00	0.00E+00	3.89E+03
U-MTD1106	3.13E-02	7.59E+00	5.19E-01	7.10E+00	0.00E+00	0.00E+00	8.24E+01	1.60E-04	6.31E-03	6.80E-02	0.00E+00	-1.68E-02	9.47E-09	1.76E-07	4.80E-01	1.61E+01	0.00E+00	0.00E+00	5.50E+01	2.40E-01	1.11E+02	0.00E+00	8.25E-07	3.58E-07	1.99E-02	7.20E-06	9.50E+00	0.00E+00	1.11E+02	3.29E-05	1.11E+02	1.21E+02	9.50E+00	0.00E+00	0.00E+00	0.00E+00	1.96E+03
U-MTD1109	4.11E-02	1.15E+01	5.90E-01	1.12E+01	0.00E+00	0.00E+00	9.23E+01	1.71E-04	9.07E-03	1.01E-01	0.00E+00	-1.60E-02	1.10E-08	2.05E-07	5.00E-01	1.85E+01	0.00E+00	0.00E+00	5.51E+01	2.29E-01	1.19E+02	0.00E+00	9.23E-07	4.06E-07	2.62E-02	7.77E-06	1.03E+01	0.00E+00	1.19E+02	3.45E-05	1.19E+02	1.26E+02	1.03E+01	0.00E+00	0.00E+00	0.00E+00	2.16E+03
U-MTD13512	6.52E-02	1.67E+01	1.07E+00	1.51E+01	0.00E+00	0.00E+00	2.51E+02	4.40E-04	1.50E-02	1.55E-01	0.00E+00	-2.97E-02	1.93E-08	5.36E-07	1.29E+00	4.29E+01	0.00E+00	0.00E+00	1.59E+02	3.73E-01	2.60E+02	0.00E+00	2.05E-06	8.13E-07	4.24E-02	1.17E-05	2.61E+01	0.00E+00	2.60E+02	5.02E-05	2.60E+02	2.76E+02	2.61E+01	0.00E+00	0.00E+00	0.00E+00	5.28E+03
U-MTD1356	3.63E-02	8.77E+00	3.60E-01	7.92E+00	0.00E+00	0.00E+00	9.12E+01	1.88E-04	7.42E-03	7.88E-02	0.00E+00	-8.19E-03	1.08E-08	1.99E-07	5.43E-01	1.87E+01	0.00E+00	0.00E+00	5.95E+01	1.20E-01	1.21E+02	0.00E+00	9.19E-07	4.07E-07	2.32E-02	5.62E-06	1.07E+01	0.00E+00	1.21E+02	3.45E-05	1.21E+02	1.31E+02	1.07E+01	0.00E+00	0.00E+00	0.00E+00	2.23E+03
U-MTD1359	5.44E-02	1.20E+01	5.77E-01	1.18E+01	0.00E+00	0.00E+00	1.37E+02	2.69E-04	9.78E-03	1.09E-01	0.00E+00	-2.90E-02	1.94E-08	2.95E-07	7.32E-01	2.55E+01	0.00E+00	0.00E+00	8.82E+01	3.24E-01	1.58E+02	0.00E+00	1.16E-06	5.03E-07	2.82E-02	9.33E-06	1.58E+01	0.00E+00	1.58E+02	3.82E-05	1.58E+02	1.71E+02	1.58E+01	0.00E+00	0.00E+00	0.00E+00	3.22E+03
U-MTG454TB2504	1.24E-02	1.71E+00	1.27E-01	1.86E+00	0.00E+00	0.00E+00	2.38E+01	5.40E-05	2.82E-03	1.94E-02	0.00E+00	-8.19E-03	3.35E-09	8.93E-08	1.72E-01	5.36E+00	0.00E+00	0.00E+00	2.18E+01	1.11E-01	3.06E+01	0.00E+00	2.52E-07	9.92E-08	5.94E-03	3.11E-06	3.41E+00	0.00E+00	3.06E+01	5.26E-06	3.06E+01	3.18E+01	3.41E+00	0.00E+00	0.00E+00	0.00E+00	7.28E+02
U-MTG454TBS1254	1.24E-02	1.71E+00	1.27E-01	1.86E+00	0.00E+00	0.00E+00	2.38E+01	5.40E-05	2.82E-03	1.94E-02	0.00E+00	-8.19E-03	3.35E-09	8.93E-08	1.72E-01	5.36E+00	0.00E+00	0.00E+00	2.18E+01	1.11E-01	3.06E+01	0.00E+00	2.52E-07	9.92E-08	5.94E-03	3.11E-06	3.41E+00	0.00E+00	3.06E+01	5.26E-06	3.06E+01	3.18E+01	3.41E+00	0.00E+00	0.00E+00	0.00E+00	7.28E+02
U-MTG604TB2503	1.17E-02	2.26E+00	4.71E-01	1.99E+00	0.00E+00	0.00E+00	2.58E+01	5.60E-05	2.79E-03	1.91E-02	0.00E+00	-9.41E-03	3.75E-09	8.81E-08	1.75E-01	5.58E+00	0.00E+00	0.00E+00	2.27E+01	1.27E-01	3.20E+01	0.00E+00	2.55E-07	9.97E-08	5.95E-03	5.14E-06	3.62E+00	0.00E+00	3.20E+01	5.05E-06	3.20E+01	3.31E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	7.47E+02
U-MTG604TB2504	1.17E-02	2.26E+00	4.71E-01	1.99E+00	0.00E+00	0.00E+00	2.58E+01	5.60E-05	2.79E-03	1.91E-02	0.00E+00	-9.41E-03	3.75E-09	8.81E-08	1.75E-01	5.58E+00	0.00E+00	0.00E+00	2.27E+01	1.27E-01	3.20E+01	0.00E+00	2.55E-07	9.97E-08	5.95E-03	5.14E-06	3.62E+00	0.00E+00	3.20E+01	5.05E-06	3.20E+01	3.31E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	7.47E+02
U-MTG604TB6303	1.17E-02	2.23E+00	4.60E-01	1.99E+00	0.00E+00	0.00E+00	2.58E+01	5.60E-05	2.79E-03	1.91E-02	0.00E+00	-9.06E-03	3.73E-09	8.81E-08	1.75E-01	5.58E+00	0.00E+00	0.00E+00	2.27E+01	1.22E-01	3.20E+01	0.00E+00	2.55E-07	9.98E-08	5.95E-03	5.08E-06	3.62E+00	0.00E+00	3.20E+01	5.21E-06	3.20E+01	3.31E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	7.47E+02
U-MTG604TBS1254	1.17E-02	2.26E+00	4.71E-01	1.99E+00	0.00E+00	0.00E+00	2.58E+01	5.60E-05	2.79E-03	1.91E-02	0.00E+00	-9.41E-03	3.75E-09	8.81E-08	1.75E-01	5.58E+00	0.00E+00	0.00E+00	2.27E+01	1.27E-01	3.20E+01	0.00E+00	2.55E-07	9.97E-08	5.95E-03	5.14E-06	3.62E+00	0.00E+00	3.20E+01	5.05E-06	3.20E+01	3.31E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	7.47E+02
U-MTG605TB2504	1.17E-02	2.61E+00	5.76E-01	2.08E+00	0.00E+00	0.00E+00	2.58E+01	5.58E-05	2.83E-03	1.93E-02	0.00E+00	-1.12E-02	3.99E-09	8.87E-08	1.75E-01	5.63E+00	0.00E+00	0.00E+00	2.26E+01	1.47E-01	3.19E+01	0.00E+00	2.51E-07	9.93E-08	6.00E-03	5.99E-06	3.62E+00	0.00E+00	3.19E+01	-3.47E-06	3.19E+01	3.28E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	7.47E+02
U-MTG605TB6304	1.17E-02	2.58E+00	5.43E-01	2.08E+00	0.00E+00	0.00E+00	2.57E+01	5.57E-05	2.83E-03	1.93E-02	0.00E+00	-9.99E-03	3.99E-09	8.87E-08	1.76E-01	5.60E+00	0.00E+00	0.00E+00	2.26E+01	1.34E-01	3.19E+01	0.00E+00	2.52E-07	9.95E-08	5.99E-03	5.52E-06	3.62E+00	0.00E+00	3.19E+01	-3.14E-06	3.19E+01	3.28E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	7.47E+02
U-MTG64X1254	1.17E-02	2.22E+00	4.60E-01	2.03E+00	0.00E+00	0.00E+00	2.57E+01	5.60E-05	2.78E-03	1.93E-02	0.00E+00	-8.91E-03	3.69E-09	8.56E-08	1.75E-01	5.58E+00	0.00E+00	0.00E+00	2.26E+01	1.20E-01	3.20E+01	0.00E+00	2.54E-07	9.96E-08	5.96E-03	5.09E-06	3.55E+00	0.00E+

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U-PSE30-10	2.30E-02	7.16E-01	4.51E-02	6.46E-01	0.00E+00	0.00E+00	9.01E+00	1.54E-05	1.86E-02	6.63E-03	0.00E+00	0.00E+00	1.67E-09	1.82E-07	4.09E-02	3.17E+00	0.00E+00	0.00E+00	7.80E+00	9.99E-05	1.02E+01	0.00E+00	7.79E-08	4.78E-08	2.79E-03	1.35E-07	1.42E+00	0.00E+00	1.02E+01	5.57E-07	1.02E+01	1.14E+01	1.42E+00	0.00E+00	0.00E+00	0.00E+00	2.55E+02
U-PSE35-10	3.29E-02	8.35E-01	5.51E-02	6.74E-01	0.00E+00	0.00E+00	1.15E+01	1.64E-05	2.46E-02	7.09E-03	0.00E+00	0.00E+00	1.80E-09	2.61E-07	4.32E-02	3.51E+00	0.00E+00	0.00E+00	8.79E+00	1.53E-04	1.08E+01	0.00E+00	7.78E-08	5.10E-08	2.96E-03	1.85E-07	1.58E+00	0.00E+00	1.08E+01	6.75E-07	1.08E+01	1.17E+01	1.58E+00	0.00E+00	0.00E+00	0.00E+00	2.55E+02
U-PSE40-10	1.82E-02	1.33E+00	5.48E-02	1.32E+00	0.00E+00	0.00E+00	1.26E+01	2.29E-05	1.15E-02	1.43E-02	0.00E+00	-7.06E-05	1.48E-09	1.34E-07	6.21E-02	2.58E+00	0.00E+00	0.00E+00	1.02E+01	1.09E-03	1.53E+01	0.00E+00	1.18E-07	6.31E-08	4.26E-03	2.26E-07	1.87E+00	0.00E+00	1.53E+01	1.67E-06	1.53E+01	1.68E+01	1.87E+00	0.00E+00	0.00E+00	0.00E+00	3.18E+02
U-PSE60-10	1.58E-02	1.87E+00	8.07E-02	1.66E+00	0.00E+00	0.00E+00	1.89E+01	3.93E-05	9.13E-03	1.63E-02	0.00E+00	-1.11E-03	3.28E-09	1.11E-07	1.07E-01	3.62E+00	0.00E+00	0.00E+00	1.34E+01	1.34E-02	2.21E+01	0.00E+00	1.66E-07	8.06E-08	4.53E-03	1.07E-06	2.22E+00	0.00E+00	2.21E+01	5.31E-06	2.21E+01	2.36E+01	2.22E+00	0.00E+00	0.00E+00	0.00E+00	4.46E+02
U-PSH10030	3.47E-02	7.56E-01	5.35E-02	6.49E-01	0.00E+00	0.00E+00	1.09E+01	1.59E-05	2.69E-02	6.64E-03	0.00E+00	0.00E+00	1.69E-09	2.78E-07	4.20E-02	3.45E+00	0.00E+00	0.00E+00	8.70E+00	1.49E-04	1.02E+01	0.00E+00	7.73E-08	4.85E-08	2.82E-03	1.83E-07	1.56E+00	0.00E+00	1.02E+01	6.11E-07	1.02E+01	1.15E+01	1.56E+00	0.00E+00	0.00E+00	0.00E+00	2.57E+02
U-PSH10035	3.29E-02	8.35E-01	5.51E-02	6.74E-01	0.00E+00	0.00E+00	1.15E+01	1.64E-05	2.45E-02	7.09E-03	0.00E+00	0.00E+00	1.80E-09	2.61E-07	4.32E-02	3.51E+00	0.00E+00	0.00E+00	8.80E+00	1.53E-04	1.08E+01	0.00E+00	7.78E-08	5.10E-08	2.96E-03	1.85E-07	1.58E+00	0.00E+00	1.08E+01	6.75E-07	1.08E+01	1.17E+01	1.58E+00	0.00E+00	0.00E+00	0.00E+00	2.55E+02
U-PSH10040	1.82E-02	1.33E+00	6.35E-02	1.31E+00	0.00E+00	0.00E+00	1.23E+01	2.21E-05	1.15E-02	1.43E-02	0.00E+00	-3.24E-03	1.47E-09	1.34E-07	6.11E-02	2.58E+00	0.00E+00	0.00E+00	1.02E+01	4.85E-02	1.49E+01	0.00E+00	1.16E-07	6.28E-08	4.26E-03	1.36E-06	1.86E+00	0.00E+00	1.49E+01	1.01E-06	1.49E+01	1.64E+01	1.86E+00	0.00E+00	0.00E+00	0.00E+00	3.18E+02
U-PSH10060	1.58E-02	1.88E+00	2.87E-01	1.65E+00	0.00E+00	0.00E+00	1.79E+01	3.78E-05	9.13E-03	1.63E-02	0.00E+00	-7.42E-03	3.17E-09	1.12E-07	1.03E-01	3.54E+00	0.00E+00	0.00E+00	1.24E+01	9.32E-02	2.14E+01	0.00E+00	1.63E-07	8.00E-08	4.51E-03	3.48E-06	2.08E+00	0.00E+00	2.14E+01	4.53E-06	2.14E+01	2.26E+01	2.08E+00	0.00E+00	0.00E+00	0.00E+00	4.17E+02
U-PSH11030	3.47E-02	7.56E-01	5.35E-02	6.49E-01	0.00E+00	0.00E+00	1.09E+01	1.59E-05	2.69E-02	6.64E-03	0.00E+00	0.00E+00	1.69E-09	2.78E-07	4.20E-02	3.45E+00	0.00E+00	0.00E+00	8.70E+00	1.49E-04	1.02E+01	0.00E+00	7.73E-08	4.85E-08	2.82E-03	1.83E-07	1.56E+00	0.00E+00	1.02E+01	6.11E-07	1.02E+01	1.15E+01	1.56E+00	0.00E+00	0.00E+00	0.00E+00	2.57E+02
U-PSH11035	3.32E-02	1.22E+00	5.75E-02	1.18E+00	0.00E+00	0.00E+00	1.36E+01	2.33E-05	2.44E-02	1.31E-02	0.00E+00	0.00E+00	1.73E-09	2.61E-07	6.31E-02	3.21E+00	0.00E+00	0.00E+00	1.10E+01	1.53E-04	1.50E+01	0.00E+00	1.13E-07	6.73E-08	4.42E-03	1.85E-07	2.03E+00	0.00E+00	1.50E+01	1.42E-06	1.50E+01	1.67E+01	2.03E+00	0.00E+00	0.00E+00	0.00E+00	3.64E+02
U-PSH11040	1.83E-02	1.40E+00	7.59E-02	1.39E+00	0.00E+00	0.00E+00	1.27E+01	2.36E-05	1.15E-02	1.48E-02	0.00E+00	-1.41E-04	1.52E-09	1.34E-07	6.43E-02	2.62E+00	0.00E+00	0.00E+00	1.04E+01	2.02E-03	1.59E+01	0.00E+00	1.20E-07	6.22E-08	4.10E-03	2.49E-07	1.90E+00	0.00E+00	1.59E+01	2.04E-06	1.59E+01	1.72E+01	1.90E+00	0.00E+00	0.00E+00	0.00E+00	3.19E+02
U-PSH11060	1.58E-02	1.98E+00	2.52E-01	1.65E+00	0.00E+00	0.00E+00	1.97E+01	4.06E-05	9.13E-03	1.62E-02	0.00E+00	-7.42E-03	3.40E-09	1.12E-07	1.10E-01	3.72E+00	0.00E+00	0.00E+00	1.36E+01	9.32E-02	2.16E+01	0.00E+00	1.64E-07	8.06E-08	4.53E-03	3.30E-06	2.19E+00	0.00E+00	2.16E+01	4.66E-06	2.16E+01	2.33E+01	2.19E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+02
U-PSH12030	3.29E-02	8.35E-01	5.51E-02	6.74E-01	0.00E+00	0.00E+00	1.15E+01	1.64E-05	2.45E-02	7.09E-03	0.00E+00	0.00E+00	1.80E-09	2.61E-07	4.32E-02	3.51E+00	0.00E+00	0.00E+00	8.80E+00	1.53E-04	1.08E+01	0.00E+00	7.78E-08	5.10E-08	2.96E-03	1.85E-07	1.58E+00	0.00E+00	1.08E+01	6.75E-07	1.08E+01	1.17E+01	1.58E+00	0.00E+00	0.00E+00	0.00E+00	2.55E+02
U-PSH12035	1.82E-02	1.33E+00	5.48E-02	1.31E+00	0.00E+00	0.00E+00	1.27E+01	2.25E-05	1.15E-02	1.43E-02	0.00E+00	-7.06E-05	1.48E-09	1.34E-07	6.21E-02	2.59E+00	0.00E+00	0.00E+00	1.03E+01	1.09E-03	1.53E+01	0.00E+00	1.18E-07	6.31E-08	4.26E-03	2.26E-07	1.88E+00	0.00E+00	1.53E+01	1.67E-06	1.53E+01	1.68E+01	1.88E+00	0.00E+00	0.00E+00	0.00E+00	3.21E+02
U-PSH12040	1.58E-02	1.57E+00	8.52E-02	1.49E+00	0.00E+00	0.00E+00	1.22E+01	2.23E-05	9.46E-03	1.50E-02	0.00E+00	-3.22E-03	1.53E-09	1.14E-07	6.21E-02	2.68E+00	0.00E+00	0.00E+00	1.03E+01	5.16E-02	1.73E+01	0.00E+00	1.34E-07	6.84E-08	4.26E-03	1.62E-06	1.88E+00	0.00E+00	1.73E+01	2.75E-06	1.73E+01	1.80E+01	1.88E+00	0.00E+00	0.00E+00	0.00E+00	3.24E+02
U-PSH12060	1.58E-02	2.10E+00	3.13E-01	1.65E+00	0.00E+00	0.00E+00	1.94E+01	3.92E-05	9.13E-03	1.61E-02	0.00E+00	-7.42E-03	3.46E-09	1.12E-07	1.04E-01	3.56E+00	0.00E+00	0.00E+00	1.30E+01	9.32E-02	2.13E+01	0.00E+00	1.63E-07	8.06E-08	4.54E-03	3.68E-06	2.10E+00	0.00E+00	2.13E+01	5.00E-06	2.13E+01	2.26E+01	2.10E+00	0.00E+00	0.00E+00	0.00E+00	4.33E+02
U-PSH13030	3.32E-02	1.22E+00	5.75E-02	1.18E+00	0.00E+00	0.00E+00	1.36E+01	2.33E-05	2.44E-02	1.31E-02	0.00E+00	0.00E+00	1.73E-09	2.61E-07	6.31E-02	3.21E+00	0.00E+00	0.00E+00	1.10E+01	1.53E-04	1.50E+01	0.00E+00	1.13E-07	6.73E-08	4.42E-03	1.85E-07	2.03E+00	0.00E+00	1.50E+01	1.42E-06	1.50E+01	1.67E+01	2.03E+00	0.00E+00	0.00E+00	0.00E+00	3.64E+02
U-PSH13035	1.83E-02	1.40E+00	7.59E-02	1.39E+00	0.00E+00	0.00E+00	1.27E+01	2.36E-05	1.15E-02	1.48E-02	0.00E+00	-1.41E-04	1.52E-09	1.34E-07	6.43E-02	2.62E+00	0.00E+00	0.00E+00	1.04E+01	2.02E-03	1.59E+01	0.00E+00	1.20E-07	6.22E-08	4.10E-03	2.49E-07	1.90E+00	0.00E+00	1.59E+01	2.04E-06	1.59E+01	1.72E+01	1.90E+00	0.00E+00	0.00E+00	0.00E+00	3.19E+02
U-PSH13040	1.58E-02	1.54E+00	8.64E-02	1.48E+00	0.00E+00	0.00E+00	1.33E+01	2.58E-05	9.45E-03	1.50E-02	0.00E+00	-3.93E-03	1.56E-09	1.16E-07	6.78E-02	2.84E+00	0.00E+00	0.00E+00	1.08E+01	5.61E-02	1.51E+01	0.00E+00	1.20E-07	6.85E-08	4.26E-03	1.98E-06	1.89E+00	0.00E+00	1.51E+01	1.82E-06	1.51E+01	1.60E+01	1.89E+00	0.00E+00	0.00E+00	0.00E+00	3.48E+02
U-PSH13060	1.58E-02	2.16E+00	4.82E-01	1.65E+00	0.00E+00	0.00E+00	1.94E+01	3.92E-05	9.13E-03	1.61E-02	0.00E+00	-1.05E-02	3.54E-09	1.12E-07	1.05E-01	3.56E+00	0.00E+00	0.00E+00	1.30E+01	1.32E-01	2.11E+01	0.00E+00	1.61E-07	7.93E-08	4.51E-03	5.45E-06	2.10E+00	0.00E+00	2.11E+01	4.08E-06	2.11E+01	2.22E+01	2.10E+00	0.00E+00	0.00E+00	0.00E+00	4.33E+02
U-PSH13530	3.32E-02	1.22E+00	5.75E-02	1.18E+00	0.00E+00	0.00E+00	1.36E+01	2.33E-05	2.44E-02	1.31E-02	0.00E+00	0.00E+00	1.73E-09	2.61E-07	6.31E-02	3.21E+00	0.00E+00	0.00E+00	1.10E+01	1.53E-04	1.50E+01	0.00E+00	1.13E-07	6.73E-08	4.42E-03	1.85E-07	2.03E+00	0.00E+00	1.50E+01	1.42E-06	1.50E+01	1.67E+01	2.03E+00	0.00E+00	0.00E+00	0.00E+00	3.64E+02
U-PSH13535	1.83E-02	1.40E+00	7.59E-02	1.39E+00	0.00E+00	0.00E+00	1.27E+01	2.36E-05	1.15E-02	1.48E-02	0.00E+00	-1.41E-04	1.52E-09	1.34E-07	6.43E-02	2.62E+00	0.00E+00	0.00E+00	1.04E+01	2.02E-03	1.59E+01	0.00E+00	1.20E-07	6.22E-08	4.10E-03	2.49E-07	1.90E+00	0.00E+00	1.59E+01	2.04E-06	1.59E+01	1.72E+01	1.90E+00	0.00E+00	0.00E+00	0.00E+00	3.19E+02
U-PSH13540	1.58E-02	1.79E+00	8.73E-02	1.59E+00	0.00E+00	0.00E+00	1.55E+01	3.45E-05	9.14E-03	1.58E-02	0.00E+00	-3.37E-03	1.64E-09	1.12E-07	9.48E-02	3.43E+00	0.00E+00	0.00E+00	1.25E+01	5.19E-02	2.02E+01	0.00E+00	1.55E-07	7.66E-08	4.45E-03	1.98E-06	2.18E+00	0.00E+00	2.02E+01	4.43E-06	2.02E+01	2.18E+01	2.18E+00	0.00E+00	0.00E+00	0.00E+00	4.16E+02
U-PSH13560	1.58E-02	2.21E+00	4.94E-01	1.65E+00	0.00E+00	0.00E+00	1.95E+01	3.92E-05	9.13E-03	1.60E-02	0.00E+00	-1.09E-02	3.57E-09	1.12E-07	1.05E-01	3.56E+00	0.00E+00	0.00E+00	1.30E+01	1.38E-01	2.11E+01	0.00E+00	1.61E-07	7.92E-08	4.51E-03	5.51E-06	2.10E+00	0.00E+00	2.11E+01	3.77E-06	2.11E+01	2.21E+01	2.10E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+02
U-PSH14030	3.32E-02	1.22E+00	5.75E-02	1.18E+00	0.00E+00	0.00E+00	1.36E+01	2.33E-05	2.44E-02	1.31E-02	0.00E+00	0.00E+00	1.73E-09	2.61E-07	6.31E-02	3.21E+00	0.00E+00	0.00E+00	1.10E+01	1.53E-04	1.50E+01	0.00E+00	1.13E-07	6.73E-08	4.42E-03	1.85E-07	2.03E+00	0.00E+00	1.50E+01	1.42E-06	1.50E+01	1.67E+01	2.03E+00	0.00E+00	0.00E+00	0.00E+00	3.64E+02
U-PSH14035	1.58E-02	1.57E+00	7.74E-02	1.49E+00	0.00E+00	0.00E+00	1.26E+01	2.28E-05	9.46E-03	1.50E-02	0.00E+00	-3.87E-04	1.55E-09	1.14E-07	6.27E-02	2.68E+00	0.00E+00	0.00E+00	1.04E+01	3.51E-03	1.74E+01	0.00E+00	1.34E-07	6.85E-08	4.28E-03	4.97E-07	1.89E+00	0.00E+00	1.74E+01	2.98E-06	1.74E+01	1.81E+01	1.89E+00	0.00E+00	0.00E+00	0.00E+00	3.26E+02
U-PSH14040	1.58E-02	1.79E+00	7.98E-02	1.59E+00	0.00E+00	0.00E+00	1.56E+01	3.45E-05	9.14E-03	1.58E-02	0.00E+00	-1.06E-03	1.66E-09	1.12E-07	9.49E-02	3.43E+00	0.00E+00	0.00E+00	1.25E+01	1.29E-02	2.02E+01	0.00E+00	1.55E-07	7.86E-08	4.45E-03	1.04E-06	2.18E+00	0.00E+00	2.02E+01	4.55E-06	2.02E+01	2.18E+01	2.18E+00	0.00E+00	0.00E+00	0.00E+00	4.16E+02
U-PSH14060	1.58E-02	2.29E+00	4.97E-01	1.67E+00	0.00E+00	0.00E+00	2.05E+01	4.10E-05	9.14E-03	1.62E-02	0.00E+00	-1.09E-02	3.78E-09	1.12E-07	1.12E-01	3.73E+00	0.00E+00	0.00E+00	1.37E+01	1.38E-01	2.14E+01	0.00E+00	1.62E-07	7.95E-08	4.54E-03	5.12E-06	2.22E+00	0.00E+00	2.14E+01	1.53E-06	2.14E+01	2.29E+01	2.22E+00	0.00E+00	0.00E+00	0.00E+00	4.71E+02
U-PSH15030	1.62E-02	1.33E+00	5.48E-02	1.31E+00	0.00E+00	0.00E+00	1.27E+01	2.29E-05	1.15E-02	1.43E-02	0.00E+00	-7.06E-05	1.48E-09	1.34E-07	6.21E-02	2.59E+00	0.00E+00	0.00E+00	1.03E+01	1.09E-03	1.53E+01	0.00E+00	1.18E-07	6.31E-08	4.26E-03	2.26E-07	1.88E+00	0.00E+00	1.53E+01	1.67E-06	1.53E+01	1.68E+01	1.88E+00	0.00E+00	0.00E+00	0.00E+00	3.21E+02
U-PSH15035	1.58E-02	1.54E+00	7.88E-02	1.48E+00	0.00E+00	0.00E+00	1.36E+01	2.62E-05	9.46E-03	1.50E-02	0.00E+00	-1.68E-03	1.59E-09	1.16E-07	6.83E-02	2.84E+00	0.00E+00	0.00E+00	1.09E+01	1.70E-02	1.52E+01	0.00E+00	1.20E-07	6.85E-08	4.26E-03	1.02E-06	1.91E+00	0.00E+00	1.52E+01	2.04E-06	1.52E+01	1.62E+01	1.91E+00	0.00E+00	0.00E+00	0.00E+00	3.49E+02
U-PSH15040	1.57E-02	1.87E+00	8.78E-02	1.65E+00	0.00E+00	0.00E+00	1.63E+01	3.54E-05	9.13E-03	1.63E-02	0.00E+00	-3.39E-03	1.66E-09	1.11E-07	9.63E-02	3.46E+00	0.00E+00	0.00E+00	1.27E+01	5.25E-02	2.11E+01	0.00E+00	1.63E-07	8.02E-08	4.52E-03	2.01E-06	2.18E+00	0.00E+00	2.11E+01	5.20E-06	2.11E+01	2.25E+01	2.18E+00	0.00E+00	0.00E+00	0.00E+00	4.28E+02
U-PSH15060	1.58E-02	2.40E+00	5.22E-01	1.68E+00	0.00E+00	0.00E+00	1.96E+01	3.91E-05	9.14E-03	1.61E-02	0.00E+00	-1.09E-02	3.74E-09	1.12E-07	1.05E-01	3.57E+00	0.00E+00	0.00E+00	1.29E+01	1.40E-01	2.11E+01	0.00E+00	1.61E-07	7.89E-08	4.52E-03	5.54E-06	2.11E+00	0.00E+00	2.11E+01	1.06E-06	2.11E+01	2.22E+01	2.11E+00	0.00E+00	0.00E+00	0.00E+00	4.36E+02
U-PSH16030	1.83E-02	1.40E+00	7.59E-02	1.39E+00	0.00E+00	0.00E+00	1.27E+01	2.36E-05	1.15E-02	1.48E-02	0.00E+00	-1.41E-04	1.52E-09	1.34E-07	6.43E-02	2.62E+00	0.00E+00	0.00E+00	1.04E+01	2.02E-03	1.59E+01	0.00E+00	1.20E-07	6.22E-08	4.10E-03	2.49E-07	1.90E+00	0.00E+00	1.59E+01	2.04E-06	1.59E+01	1.72E+01	1.90E+00	0.00E+00	0.00E+00	0.00E+00	3.19E+02
U-PSH16035	1.58E-02	1.54E+00	7.88E-02	1.48E+00	0.00E+00	0.00E+00	1.36E+01	2.62E-05	9.45E-03	1.50E-02	0.00E+00	-1.68E-03	1.59E-09	1.16E-07	6.83E-02	2.84E+00	0.00E+00	0.00E+00	1.09E+01	1.70E-02	1.52E+01	0.00E+00	1.20E-07	6.85E-08	4.26E-03	1.02E-06	1.91E+00	0.00E+00	1.52E+01	2.04E-06	1.52E+01	1.62E+01	1.91E+00	0.00E+00	0.00E+00	0.00E+00	3.49E+02
U-PSH16040	1.58E-02	1.87E+00	8.81E-02	1.66E+00	0.00E+00	0.00E+00	1.88E+01	3.93E-05	9.13E-03	1.63E-02	0.00E+00	-3.39E-03	3.27E-09	1.11E-07	1.07E-01	3.62E+00	0.00E+00	0.00E+00	1.34E+01	5.25E-02	2.21E+01	0.00E+00	1.66E-07	8.06E-08	4.53E-03	2.01E-06	2.22E+00	0.00E+00	2.21E+01	5.19E-06	2.21E+01	2.36E+01	2.22E+00	0.00E+00	0.00E+00	0.00E+00	4.46E+02
U-PSH16060	1.58E-02	2.56E+00	5.31E-01	1.75E+00	0.00E+00	0.00E+00	1.96E+01	3.95E-05	9.16E-03	1.63E-02	0.00E+00	-1.11E-02	3.89E-09	1.13E-07	1.07E-01	3.60E+00	0.00E+00	0.00E+00	1.30E+01	1.40E-01	2.11E+01	0.00E+00	1.60E-07	7.93E-08	4.55E-03	5.56E-06	2.13E+00	0.00E+00	2.11E+01	-4.17E-06	2.11E+01	2.22E+01	2.13E+00	0.00E+00	0.00E+00	0.00E+00	4.39E+02
U-PSH17030	1.83E-02	1.40E+00	7.59E-02	1.39E+00	0.00E+00	0.00E+00	1.27E+01	2.36E-05	1.15E-02	1.48E-02	0.00E+00	-1.41E-04	1.52E-09	1.34E-07	6.43E-02	2.62E+00	0.00E+00	0.00E+00	1.04E+01	2.02E-03	1.59E+01	0.00E+00	1.20E-07	6.22E-08	4.10E-03	2.49E-07	1.90E+00	0.00E+00	1.59E+01	2.04E-06	1.59E+01	1.72E+01	1.90E+00	0.00E+00	0.00E+00	0.00E+00	3.19E+02
U-PSH17035	1.58E-02	1.79E+00	7.98E-02	1.59E+00	0.00E+00	0.00E+00	1.56E+01	3.45E-05	9.14E-03	1.58E-02	0.00E+00	-1.06E-03	1.66E-09	1.12E-07	9.49E-02	3.43E+00	0.00E+00	0.00E+00	1.25E+01	1.29E-02	2.02E+01	0.00E+00	1.55E-07	7.66E-08	4.45E-03	1.04E-06	2.18E+00	0.00E+00	2.02E+01	4.55E-06	2.02E+01	2.18E+01	2.18E+00	0.00E+00	0.00E+00	0.00E+00	4.16E+02
U-PSH17040	1.58E-02	1.88E+00	1.20E-01	1.65E+00	0.00E+00	0.00E+00	1.90E+01	3.99E-05	9.13E-03	1.63E-02	0.00E+00	-4.23E-03	3.32E-09	1.12E-07	1.09E-01	3.68E+00	0.00E+00	0.00E+00	1.32E+01	6.26E-02	2.17E+01	0.00E+00	1.64E-07	8.09E-08	4.53E-03	2.09E-06	2.22E+00	0.00E+00	2.17E+01	4.61E-06	2.17E+01	2.33E+01	2.22E+00	0.00E+00	0.00E+00	0.00E+00	4.56E+02
U-PSH17060	1.62E-02	2.84E+00	6.12E-01	1.81E+00	0.00E+00	0.00E+00	1.98E+01	3.99E-05	9.22E-03	1.70E-02	0.00E+00	-1.33E-02	3.94E-09	1.14E-07	1.10E-01	3.68E+00	0.00E+00	0.00E+00	1.33E+01	1.65E-01	2.17E+01	0.00E+00	1.59E-07	8.01E-08	4.68E-03	6.48E-06	2.18E+00	0.00E+00	2.17E+01	-1.49E-06	2.17E+01	2.30E+01	2.18E+00	0.00E+00	0.00E+00	0.00E+00	4.51E+02
U-PSH18030	1.58E-02	1.57E+00	7.74E-02	1.49E+00	0.00E+00	0.00E+00	1.26E+01	2.28E-05	9.46E-03	1.50E-02	0.00E+00	-3.87E-04	1.55E-09	1.14E-07	6.27E-02	2.68E+00	0.00E+00	0.00E+00	1.04E+01	3.51E-03	1.74E+01	0.00E+00	1.34E-07	6.85E-08	4.28E-03	4.97E-07	1.89E+00	0.00E+00	1.74E+01	2.98E-06	1.74E+01	1.81E+01	1.89E+00	0.00E+00	0.00E+00	0.00E+00	3.26E+02
U-PSH18035	1.57E-02	1.87E+00	8.03E-02	1.65E+00	0.00E+00	0.00E+00	1.64E+01	3.54E-05	9.13E-03	1.63E-02	0.00E+00	-1.11E-03	1.88E-09	1.11E-07	9.64E-02	3.46E+00	0.00E+00	0.00E+00	1.27E+01	1.34E-02	2.11E+01	0.00E+00	1.63E-07	8.02E-08	4.52E-03	1.07E-06	2.18E+00	0.00E+00	2.11E+01	5.32E-06	2.11E+01	2.25E+01	2.18E+00	0.00E+00	0.00E+00	0.00E+00	4.28E+02
U-PSH18040	1.58E-02	1.89E+00	1.88E-01	1.64E+00	0.00E+00	0.00E+00	1.91E+01	4.00E-05	9.13E-03	1.61E-02	0.00E+00	-4.23E-03	3.36E-09	1.12E-07	1.09E-01	3.68E+00	0.00E+00	0.00E+00	1.34E+01	6.26E-02	2.17E+01	0.00E+00	1.64E-07	8.08E-08	4.51E-03	2.36E-06	2.22E+00	0.00E+00	2.17E+01	4.54E-06	2.17E+01	2.33E+01	2.22E+00	0.00E+00	0.00E+00	0.00E+00	4.57E+02
U-PSH18060	1.62E-02	2.95E+00	6.19E-01	1.82E+00	0.00E+00	0.00E+00	1.98E+01	3.99E-05	9.22E-03	1.71E-02	0.00E+00	-1.31E-02	3.94E-09	1.14E-07	1.10E-01	3.68E+00	0.00E+00	0.00E+00	1.32E+01	1.65E-01	2.17E+01	0.00E+00	1.63E-07	7.99E-08	4.68E-03	6.44E-06	2.18E+00	0.00E+00	2.17E+01	-1.50E-06	2.17E+01	2.31E+01	2.18E+00	0.00E+00	0.00E+00	0.00E+00	4.51E+02
U-PSH5030	1.65E-02	4.61E-01	3.66E-02	4.53E-01	0.00E+00	0.00E+00	6.51E+00	1.12E-05	1.35E-02	5.00E-03	0.00E+00	-4.05E-04	1.33E-09	1.37E-07	3.25E-02	2.53E+00	0.00E+00	0.00E+00	5.69E+00	6.86E-04	7.45E+00	0.00E+00	5.71E-08	3.73E-08	2.17E-03	1.33E-07	1.09E+00	0.00E+00	7.45E+00	5.25E-07	7.45E+00	8.75E+00	1.09E+00	0.00E+00	0.00E+00	0.00E+00	2.01E+02
U-PSH5035	1.99E-02	4.64E-01	4.01E-02	4.59E-01	0.00E+00	0.00E+00	6.93E+00	1.20E-05	1.55E-02	5.18E-03	0.00E+00	-3.27E-05	1.39E-09	1.52E-07	3.35E-02	2.33E+00	0.00E+00	0.00E+00	5.72E+00	2.25E-04	7.74E+00	0.00E+00	5.82E-08	3.74E-08	2.19E-03	7.72E-08	1.09E+00	0.00E+00	7.74E+00	5.30E-07	7.74E+00	8.84E+00	1.09E+00	0.00E+00	0.00E+00	0.00E+00	2.03E+02
U-PSH5040	2.30E-02	6.79E-01	4.47E-02	6.40E-01	0

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U-PWG1F3P66M	5.98E-03	1.79E+00	2.13E-01	1.53E+00	0.00E+00	0.00E+00	7.02E+00	1.80E-05	1.10E-03	1.45E-02	0.00E+00	-2.28E-02	1.15E-09	1.80E-08	6.26E-02	2.30E+00	0.00E+00	0.00E+00	6.29E+00	3.02E-01	1.59E+01	0.00E+00	1.28E-07	6.52E-08	3.97E-03	7.18E-06	1.17E+00	0.00E+00	1.59E+01	4.19E-06	1.59E+01	1.69E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+02
U-PWG1F3P66X	6.80E-03	1.82E+00	2.29E-01	1.54E+00	0.00E+00	0.00E+00	7.87E+00	2.17E-05	1.34E-03	1.52E-02	0.00E+00	-2.42E-02	1.19E-09	1.88E-08	7.64E-02	2.65E+00	0.00E+00	0.00E+00	7.41E+00	3.19E-01	2.06E+01	0.00E+00	1.60E-07	7.32E-08	4.36E-03	7.81E-06	1.29E+00	0.00E+00	2.06E+01	5.76E-06	2.06E+01	2.19E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	2.64E+02
U-PWG1F3P66XM	5.98E-03	1.79E+00	2.13E-01	1.53E+00	0.00E+00	0.00E+00	7.02E+00	1.80E-05	1.10E-03	1.45E-02	0.00E+00	-2.28E-02	1.15E-09	1.80E-08	6.26E-02	2.30E+00	0.00E+00	0.00E+00	6.29E+00	3.02E-01	1.59E+01	0.00E+00	1.28E-07	6.52E-08	3.97E-03	7.18E-06	1.17E+00	0.00E+00	1.59E+01	4.19E-06	1.59E+01	1.69E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+02
U-PWG1F3P66Y	6.01E-03	1.82E+00	2.13E-01	1.44E+00	0.00E+00	0.00E+00	7.44E+00	1.95E-05	1.13E-03	1.31E-02	0.00E+00	-2.27E-02	1.16E-09	1.82E-08	6.35E-02	2.21E+00	0.00E+00	0.00E+00	6.67E+00	3.01E-01	1.57E+01	0.00E+00	1.25E-07	6.55E-08	3.83E-03	7.36E-06	1.16E+00	0.00E+00	1.57E+01	3.47E-06	1.57E+01	1.71E+01	1.16E+00	0.00E+00	0.00E+00	0.00E+00	2.44E+02
U-PWG1F3P66YM	5.98E-03	1.79E+00	2.13E-01	1.53E+00	0.00E+00	0.00E+00	7.02E+00	1.80E-05	1.10E-03	1.45E-02	0.00E+00	-2.28E-02	1.15E-09	1.80E-08	6.26E-02	2.30E+00	0.00E+00	0.00E+00	6.29E+00	3.02E-01	1.59E+01	0.00E+00	1.28E-07	6.52E-08	3.97E-03	7.18E-06	1.17E+00	0.00E+00	1.59E+01	4.19E-06	1.59E+01	1.69E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+02
U-PWG1F3P68	6.91E-03	1.93E+00	2.44E-01	1.60E+00	0.00E+00	0.00E+00	1.00E+01	2.48E-05	1.37E-03	1.57E-02	0.00E+00	-5.36E-02	1.94E-09	2.65E-08	8.13E-02	2.81E+00	0.00E+00	0.00E+00	8.43E+00	8.15E-01	2.04E+01	0.00E+00	1.51E-07	7.35E-08	4.37E-03	1.82E-05	1.40E+00	0.00E+00	2.04E+01	-3.64E-06	2.04E+01	2.22E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.95E+02
U-PWG1F3P68M	7.27E-03	1.98E+00	2.85E-01	1.70E+00	0.00E+00	0.00E+00	8.08E+00	2.18E-05	1.34E-03	1.68E-02	0.00E+00	-4.50E-02	1.32E-09	2.02E-08	7.67E-02	2.60E+00	0.00E+00	0.00E+00	7.65E+00	5.80E-01	2.11E+01	0.00E+00	1.66E-07	7.82E-08	4.85E-03	1.23E-05	1.40E+00	0.00E+00	2.11E+01	-2.43E-06	2.11E+01	2.21E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.83E+02
U-PWG1F3P68X	6.91E-03	1.93E+00	2.44E-01	1.60E+00	0.00E+00	0.00E+00	1.00E+01	2.48E-05	1.37E-03	1.57E-02	0.00E+00	-5.36E-02	1.94E-09	2.65E-08	8.13E-02	2.81E+00	0.00E+00	0.00E+00	8.43E+00	8.15E-01	2.04E+01	0.00E+00	1.51E-07	7.35E-08	4.37E-03	1.82E-05	1.40E+00	0.00E+00	2.04E+01	-3.64E-06	2.04E+01	2.22E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.95E+02
U-PWG1F3P68XM	7.27E-03	1.98E+00	2.85E-01	1.70E+00	0.00E+00	0.00E+00	8.08E+00	2.18E-05	1.34E-03	1.68E-02	0.00E+00	-4.50E-02	1.32E-09	2.02E-08	7.67E-02	2.60E+00	0.00E+00	0.00E+00	7.65E+00	5.80E-01	2.11E+01	0.00E+00	1.66E-07	7.82E-08	4.85E-03	1.23E-05	1.40E+00	0.00E+00	2.11E+01	-2.43E-06	2.11E+01	2.21E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.83E+02
U-PWG1F3P68Y	6.91E-03	1.93E+00	2.44E-01	1.60E+00	0.00E+00	0.00E+00	1.00E+01	2.48E-05	1.37E-03	1.57E-02	0.00E+00	-5.36E-02	1.94E-09	2.65E-08	8.13E-02	2.81E+00	0.00E+00	0.00E+00	8.43E+00	8.15E-01	2.04E+01	0.00E+00	1.51E-07	7.35E-08	4.37E-03	1.82E-05	1.40E+00	0.00E+00	2.04E+01	-3.64E-06	2.04E+01	2.22E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.95E+02
U-PWG1F3P68YM	7.27E-03	1.98E+00	2.85E-01	1.70E+00	0.00E+00	0.00E+00	8.08E+00	2.18E-05	1.34E-03	1.68E-02	0.00E+00	-4.50E-02	1.32E-09	2.02E-08	7.67E-02	2.60E+00	0.00E+00	0.00E+00	7.65E+00	5.80E-01	2.11E+01	0.00E+00	1.66E-07	7.82E-08	4.85E-03	1.23E-05	1.40E+00	0.00E+00	2.11E+01	-2.43E-06	2.11E+01	2.21E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.83E+02
U-PWG1F4P66	5.99E-03	1.62E+00	2.12E-01	1.39E+00	0.00E+00	0.00E+00	7.32E+00	1.95E-05	1.08E-03	1.30E-02	0.00E+00	-2.27E-02	1.16E-09	1.82E-08	6.29E-02	2.19E+00	0.00E+00	0.00E+00	6.62E+00	3.01E-01	1.55E+01	0.00E+00	1.25E-07	6.51E-08	3.79E-03	7.36E-06	1.13E+00	0.00E+00	1.55E+01	2.69E-06	1.55E+01	1.71E+01	1.13E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+02
U-PWG1F4P66M	5.98E-03	1.74E+00	2.11E-01	1.50E+00	0.00E+00	0.00E+00	7.00E+00	1.77E-05	1.08E-03	1.42E-02	0.00E+00	-2.28E-02	1.15E-09	1.80E-08	6.21E-02	2.26E+00	0.00E+00	0.00E+00	6.20E+00	3.02E-01	1.58E+01	0.00E+00	1.28E-07	6.52E-08	3.88E-03	7.16E-06	1.16E+00	0.00E+00	1.58E+01	4.06E-06	1.58E+01	1.69E+01	1.16E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+02
U-PWG1F4P66X	5.99E-03	1.62E+00	2.12E-01	1.39E+00	0.00E+00	0.00E+00	7.32E+00	1.95E-05	1.08E-03	1.30E-02	0.00E+00	-2.27E-02	1.16E-09	1.82E-08	6.29E-02	2.19E+00	0.00E+00	0.00E+00	6.62E+00	3.01E-01	1.55E+01	0.00E+00	1.25E-07	6.51E-08	3.79E-03	7.36E-06	1.13E+00	0.00E+00	1.55E+01	2.69E-06	1.55E+01	1.71E+01	1.13E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+02
U-PWG1F4P66XM	5.98E-03	1.74E+00	2.11E-01	1.50E+00	0.00E+00	0.00E+00	7.00E+00	1.77E-05	1.08E-03	1.42E-02	0.00E+00	-2.28E-02	1.15E-09	1.80E-08	6.21E-02	2.26E+00	0.00E+00	0.00E+00	6.20E+00	3.02E-01	1.58E+01	0.00E+00	1.28E-07	6.52E-08	3.88E-03	7.16E-06	1.16E+00	0.00E+00	1.58E+01	4.06E-06	1.58E+01	1.69E+01	1.16E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+02
U-PWG1F4P66Y	5.98E-03	1.62E+00	2.12E-01	1.39E+00	0.00E+00	0.00E+00	7.32E+00	1.95E-05	1.08E-03	1.30E-02	0.00E+00	-2.27E-02	1.16E-09	1.82E-08	6.29E-02	2.19E+00	0.00E+00	0.00E+00	6.62E+00	3.01E-01	1.55E+01	0.00E+00	1.25E-07	6.51E-08	3.79E-03	7.36E-06	1.13E+00	0.00E+00	1.55E+01	2.69E-06	1.55E+01	1.71E+01	1.13E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+02
U-PWG1F4P66YM	6.13E-03	1.75E+00	2.09E-01	1.50E+00	0.00E+00	0.00E+00	6.90E+00	1.73E-05	1.12E-03	1.43E-02	0.00E+00	-2.21E-02	1.13E-09	1.79E-08	6.19E-02	2.27E+00	0.00E+00	0.00E+00	6.14E+00	2.89E-01	1.81E+01	0.00E+00	1.39E-07	6.50E-08	3.86E-03	7.06E-06	1.17E+00	0.00E+00	1.81E+01	4.72E-06	1.81E+01	1.85E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+02
U-PWG1F4P68	7.22E-03	1.93E+00	2.40E-01	1.63E+00	0.00E+00	0.00E+00	9.65E+00	2.45E-05	1.40E-03	1.60E-02	0.00E+00	-4.24E-02	1.93E-09	2.51E-08	8.22E-02	2.90E+00	0.00E+00	0.00E+00	8.34E+00	6.29E-01	2.15E+01	0.00E+00	1.61E-07	7.60E-08	4.52E-03	1.47E-05	1.40E+00	0.00E+00	2.15E+01	5.24E-06	2.15E+01	2.31E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+02
U-PWG1F4P68M	7.32E-03	1.98E+00	2.85E-01	1.70E+00	0.00E+00	0.00E+00	8.04E+00	2.17E-05	1.34E-03	1.69E-02	0.00E+00	-3.76E-02	1.32E-09	2.00E-08	7.72E-02	2.60E+00	0.00E+00	0.00E+00	7.60E+00	5.12E-01	2.13E+01	0.00E+00	1.68E-07	7.91E-08	4.87E-03	1.07E-05	1.40E+00	0.00E+00	2.13E+01	5.69E-07	2.13E+01	2.23E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.82E+02
U-PWG1F4P68X	7.22E-03	1.93E+00	2.40E-01	1.63E+00	0.00E+00	0.00E+00	9.65E+00	2.45E-05	1.40E-03	1.60E-02	0.00E+00	-4.24E-02	1.93E-09	2.51E-08	8.22E-02	2.90E+00	0.00E+00	0.00E+00	8.34E+00	6.29E-01	2.15E+01	0.00E+00	1.61E-07	7.60E-08	4.52E-03	1.47E-05	1.40E+00	0.00E+00	2.15E+01	5.24E-06	2.15E+01	2.31E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+02
U-PWG1F4P68XM	7.32E-03	1.98E+00	2.85E-01	1.70E+00	0.00E+00	0.00E+00	8.04E+00	2.17E-05	1.34E-03	1.69E-02	0.00E+00	-3.76E-02	1.32E-09	2.00E-08	7.72E-02	2.60E+00	0.00E+00	0.00E+00	7.60E+00	5.12E-01	2.13E+01	0.00E+00	1.68E-07	7.91E-08	4.87E-03	1.07E-05	1.40E+00	0.00E+00	2.13E+01	5.69E-07	2.13E+01	2.23E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.82E+02
U-PWG1F4P68Y	7.22E-03	1.93E+00	2.40E-01	1.63E+00	0.00E+00	0.00E+00	9.65E+00	2.45E-05	1.40E-03	1.60E-02	0.00E+00	-4.24E-02	1.93E-09	2.51E-08	8.22E-02	2.90E+00	0.00E+00	0.00E+00	8.34E+00	6.29E-01	2.15E+01	0.00E+00	1.61E-07	7.60E-08	4.52E-03	1.47E-05	1.40E+00	0.00E+00	2.15E+01	5.24E-06	2.15E+01	2.31E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+02
U-PWG1F4P68YM	7.32E-03	1.98E+00	2.85E-01	1.70E+00	0.00E+00	0.00E+00	8.04E+00	2.17E-05	1.34E-03	1.69E-02	0.00E+00	-3.76E-02	1.32E-09	2.00E-08	7.72E-02	2.60E+00	0.00E+00	0.00E+00	7.60E+00	5.12E-01	2.13E+01	0.00E+00	1.68E-07	7.91E-08	4.87E-03	1.07E-05	1.40E+00	0.00E+00	2.13E+01	5.69E-07	2.13E+01	2.23E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.82E+02
U-PWG1H3N66	6.90E-03	1.82E+00	2.29E-01	1.54E+00	0.00E+00	0.00E+00	7.89E+00	2.18E-05	1.34E-03	1.52E-02	0.00E+00	-2.43E-02	1.19E-09	1.88E-08	7.66E-02	2.65E+00	0.00E+00	0.00E+00	7.41E+00	3.20E-01	2.06E+01	0.00E+00	1.61E-07	7.35E-08	4.36E-03	7.84E-06	1.29E+00	0.00E+00	2.06E+01	5.77E-06	2.06E+01	2.19E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	2.64E+02
U-PWG1H3N66M	5.99E-03	1.79E+00	2.13E-01	1.53E+00	0.00E+00	0.00E+00	7.02E+00	1.80E-05	1.10E-03	1.45E-02	0.00E+00	-2.29E-02	1.15E-09	1.80E-08	6.26E-02	2.30E+00	0.00E+00	0.00E+00	6.29E+00	3.03E-01	1.59E+01	0.00E+00	1.28E-07	6.52E-08	3.98E-03	7.20E-06	1.17E+00	0.00E+00	1.59E+01	4.20E-06	1.59E+01	1.69E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+02
U-PWG1H3N66X	6.90E-03	1.82E+00	2.29E-01	1.54E+00	0.00E+00	0.00E+00	7.89E+00	2.18E-05	1.34E-03	1.52E-02	0.00E+00	-2.43E-02	1.19E-09	1.88E-08	7.66E-02	2.65E+00	0.00E+00	0.00E+00	7.41E+00	3.20E-01	2.06E+01	0.00E+00	1.61E-07	7.35E-08	4.36E-03	7.84E-06	1.29E+00	0.00E+00	2.06E+01	5.77E-06	2.06E+01	2.19E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	2.64E+02
U-PWG1H3N66XM	5.99E-03	1.79E+00	2.13E-01	1.53E+00	0.00E+00	0.00E+00	7.02E+00	1.80E-05	1.10E-03	1.45E-02	0.00E+00	-2.29E-02	1.15E-09	1.80E-08	6.26E-02	2.30E+00	0.00E+00	0.00E+00	6.29E+00	3.03E-01	1.59E+01	0.00E+00	1.28E-07	6.52E-08	3.98E-03	7.20E-06	1.17E+00	0.00E+00	1.59E+01	4.20E-06	1.59E+01	1.69E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+02
U-PWG1H3N66Y	6.90E-03	1.82E+00	2.29E-01	1.54E+00	0.00E+00	0.00E+00	7.89E+00	2.18E-05	1.34E-03	1.52E-02	0.00E+00	-2.43E-02	1.19E-09	1.88E-08	7.66E-02	2.65E+00	0.00E+00	0.00E+00	7.41E+00	3.20E-01	2.06E+01	0.00E+00	1.61E-07	7.35E-08	4.36E-03	7.84E-06	1.29E+00	0.00E+00	2.06E+01	5.77E-06	2.06E+01	2.19E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	2.64E+02
U-PWG1H3N66YM	5.99E-03	1.79E+00	2.13E-01	1.53E+00	0.00E+00	0.00E+00	7.02E+00	1.80E-05	1.10E-03	1.45E-02	0.00E+00	-2.29E-02	1.15E-09	1.80E-08	6.26E-02	2.30E+00	0.00E+00	0.00E+00	6.29E+00	3.03E-01	1.59E+01	0.00E+00	1.28E-07	6.52E-08	3.98E-03	7.20E-06	1.17E+00	0.00E+00	1.59E+01	4.20E-06	1.59E+01	1.69E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+02
U-PWG1H3N68	6.91E-03	1.93E+00	2.44E-01	1.60E+00	0.00E+00	0.00E+00	1.00E+01	2.48E-05	1.37E-03	1.57E-02	0.00E+00	-5.36E-02	1.94E-09	2.65E-08	8.13E-02	2.81E+00	0.00E+00	0.00E+00	8.43E+00	8.15E-01	2.04E+01	0.00E+00	1.51E-07	7.35E-08	4.37E-03	1.82E-05	1.40E+00	0.00E+00	2.04E+01	-3.64E-06	2.04E+01	2.22E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.95E+02
U-PWG1H3N68M	7.27E-03	1.98E+00	2.85E-01	1.68E+00	0.00E+00	0.00E+00	9.49E+00	2.28E-05	1.34E-03	1.66E-02	0.00E+00	-4.50E-02	1.76E-09	2.54E-08	7.70E-02	2.59E+00	0.00E+00	0.00E+00	7.73E+00	5.80E-01	2.13E+01	0.00E+00	1.66E-07	7.83E-08	4.85E-03	1.23E-05	1.40E+00	0.00E+00	2.13E+01	-2.47E-06	2.13E+01	2.21E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.86E+02
U-PWG1H3N68X	6.91E-03	1.93E+00	2.44E-01	1.60E+00	0.00E+00	0.00E+00	1.00E+01	2.48E-05	1.37E-03	1.57E-02	0.00E+00	-5.36E-02	1.94E-09	2.65E-08	8.13E-02	2.81E+00	0.00E+00	0.00E+00	8.43E+00	8.15E-01	2.04E+01	0.00E+00	1.51E-07	7.35E-08	4.37E-03	1.82E-05	1.40E+00	0.00E+00	2.04E+01	-3.64E-06	2.04E+01	2.22E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.95E+02
U-PWG1H3N68XM	7.27E-03	1.98E+00	2.85E-01	1.70E+00	0.00E+00	0.00E+00	8.08E+00	2.18E-05	1.34E-03	1.68E-02	0.00E+00	-4.50E-02	1.32E-09	2.02E-08	7.67E-02	2.60E+00	0.00E+00	0.00E+00	7.65E+00	5.80E-01	2.11E+01	0.00E+00	1.66E-07	7.82E-08	4.85E-03	1.23E-05	1.40E+00	0.00E+00	2.11E+01	-2.43E-06	2.11E+01	2.21E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.83E+02
U-PWG1H3N68Y	6.91E-03	1.93E+00	2.44E-01	1.60E+00	0.00E+00	0.00E+00	1.00E+01	2.48E-05	1.37E-03	1.57E-02	0.00E+00	-5.36E-02	1.94E-09	2.65E-08	8.13E-02	2.81E+00	0.00E+00	0.00E+00	8.43E+00	8.15E-01	2.04E+01	0.00E+00	1.51E-07	7.35E-08	4.37E-03	1.82E-05	1.40E+00	0.00E+00	2.04E+01	-3.64E-06	2.04E+01	2.22E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.95E+02
U-PWG1H3N68YM	7.27E-03	1.98E+00	2.85E-01	1.70E+00	0.00E+00	0.00E+00	8.08E+00	2.18E-05	1.34E-03	1.68E-02	0.00E+00	-4.50E-02	1.32E-09	2.02E-08	7.67E-02	2.60E+00	0.00E+00	0.00E+00	7.65E+00	5.80E-01	2.11E+01	0.00E+00	1.66E-07	7.82E-08	4.85E-03	1.23E-05	1.40E+00	0.00E+00	2.11E+01	-2.43E-06	2.11E+01	2.21E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.83E+02
U-PWG1H3P66	7.10E-03	1.84E+00	2.45E-01	1.55E+00	0.00E+00	0.00E+00	7.97E+00	2.20E-05	1.35E-03	1.53E-02	0.00E+00	-2.58E-02	1.20E-09	1.90E-08	7.74E-02	2.69E+00	0.00E+00	0.00E+00	7.58E+00	3.44E-01	2.09E+01	0.00E+00	1.63E-07	7.56E-08	4.44E-03	8.40E-06	1.31E+00	0.00E+00	2.09E+01	5.82E-06	2.09E+01	2.22E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	2.71E+02
U-PWG1H3P66M	6.27E-03	1.82E+00	2.35E-01	1.56E+00	0.00E+00	0.00E+00	7.11E+00	1.88E-05	1.12E-03	1.48E-02	0.00E+00	-2.51E-02	1.16E-09	1.82E-08	6.38E-02	2.31E+00	0.00E+00	0.00E+00	6.44E+00	3.28E-01	1.65E+01	0.00E+00	1.32E-07	6.80E-08	4.16E-03	7.99E-06	1.19E+00	0.00E+00	1.65E+01	4.35E-06	1.65E+01	1.73E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+02
U-PWG1H3P66X	7.10E-03	1.84E+00	2.45E-01	1.55E+00	0.00E+00	0.00E+00	7.97E+00	2.20E-05	1.35E-03	1.53E-02	0.00E+00	-2.58E-02	1.20E-09	1.90E-08	7.74E-02	2.69E+00	0.00E+00	0.00E+00	7.58E+00	3.44E-01	2.09E+01	0.00E+00	1.63E-07	7.56E-08	4.44E-03	8.40E-06	1.31E+00	0.00E+00	2.09E+01	5.82E-06	2.09E+01	2.22E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	2.71E+02
U-PWG1H3P66XM	6.27E-03	1.82E+00	2.35E-01	1.56E+00	0.00E+00	0.00E+00	7.11E+00	1.88E-05	1.12E-03	1.48E-02	0.00E+00	-2.51E-02	1.16E-09	1.82E-08	6.38E-02	2.31E+00	0.00E+00	0.00E+00	6.44E+00	3.28E-01	1.65E+01	0.00E+00	1.32E-07	6.80E-08	4.16E-03	7.99E-06	1.19E+00	0.00E+00	1.65E+01	4.35E-06	1.65E+01	1.73E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+02
U-PWG1H3P66Y	7.10E-03	1.84E+00	2.45E-01	1.55E+00	0.00E+00	0.00E+00	7.97E+00	2.20E-05	1.35E-03	1.53E-02	0.00E+00	-2.58E-02	1.20E-09	1.90E-08	7.74E-02	2.69E+00	0.00E+00	0.00E+00	7.58E+00	3.44E-01	2.09E+01	0.00E+00	1.63E-07	7.56E-08	4.44E-03	8.40E-06	1.31E+00	0.00E+00	2.09E+01	5.82E-06	2.09E+01	2.22E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	2.71E+02
U-PWG1H3P66YM	6.27E-03	1.82E+00	2.35E-01	1.56E+00	0.00E+00	0.00E+00	7.11E+00	1.88E-05	1.12E-03	1.48E-02	0.00E+00	-2.51E-02	1.16E-09	1.82E-08	6.38E-02	2.31E+00	0.00E+00	0.00E+00	6.44E+00	3.28E-01	1.65E+01	0.00E+00	1.32E-07	6.80E-08	4.16E-03	7.99E-06	1.19E+00	0.00E+00	1.65E+01	4.35E-06	1.65E+01	1.73E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+02
U-PWG1H3P68	6.71E-03	1.93E+00	3.03E-01	1.58E+00	0.00E+00	0.00E+00	1.01E+01	2.48E-05	1.30E-03	1.50E-02	0.00E+00	-6.12E-02	1.93E-09	2.64E-08	8.12E-02	2.65E+00	0.00E+00	0.00E+00	8.40E+00	8.73E-01	1.90E+01	0.00E+00	1.49E-07	7.30E-08	4.26E-03	1.93E-05	1.40E+00	0.00E+00	1.90E+01	-4.50E-06	1.90E+01	2.04E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.95E+02
U-PWG1H3P68M	7.27E-03	1.98E+00	2.85E-01	1.68E+00	0.00E+00	0.00E+00	9.31E+00	2.28E-05	1.33E-03	1.66E-02	0.00E+00	-4.56E-02	1.71E-09	2.53E-08	7.70E-02	2.57E+00	0.00E+00	0.00E+00	7.73E+00	5.72E-01	2.13E+01	0.00E+00	1.66E-07	7.81E-08	4.82E-03	1.27E-05	1.40E+00	0.00E+00	2.13E+01	-2.83E-06	2.13E+01	2.21E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.86E+02
U-PWG1H3P68X	6.83E-03	1.93E+00	2.48E-01	1.59E+00	0.00E+00	0.00E+00	9.95E+00	2.48E-05	1.32E-03	1.51E-02	0.00E+00	-5.59E-02	1.85E-09	2.61E-08	8.12E-02	2.65E+00	0.00E+00	0.00E+00	8.42E+00	8.11E-01	1.99E+01	0.00E+00	1.50E-07	7.32E-08	4.30E-03	1.88E-05	1.40E+00	0.00E+00	1.99E+01	-4.07E-06	1.99E+01	2.19E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.95E+02
U-PWG1H3P68XM	7.27E-03	1.98E+00	2.85E-01	1.68E+00	0.00E+00	0.00E+00	9.31E+00	2.28E-05	1.33E-03	1.66E-02	0.00E+00	-4.56E-02	1.71E-09	2.53E-08	7.70E-02	2.57E+00	0.00E+00	0.00E+00	7.73E+00	5.72E-01	2.13E+01	0.00E+00	1.66E-07	7.81E-08	4.82E-03	1.27E-05	1.40E+00	0.00E+00	2.13E+01	-2.83E-06	2.13E+01	2.21E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.86E+02
U-PWG1H3P68Y	6.83E-03	1.93E+00	2.48E-01	1.59E+00	0.00E+00	0.00E+00	9.95E+00	2.48E-05	1.32E-03	1.51E-02	0.00E+00	-5.59E-02	1.85E-09	2.61E-08	8.12E-02	2.65E+00	0.00E+00	0.00E+00	8.42E+00	8.11E-01	1.99E+01	0.00E+00	1.50E-07	7.32E-08	4.

U-PWG8H3P66M	5.51E-03	1.71E+00	2.74E-01	1.45E+00	0.00E+00	0.00E+00	6.97E+00	1.73E-05	9.77E-04	1.36E-02	0.00E+00	-2.92E-02	1.14E-09	1.83E-08	6.03E-02	2.22E+00	0.00E+00	0.00E+00	6.12E+00	3.99E-01	1.45E+01	0.00E+00	1.14E-07	5.95E-09	3.54E-03	9.88E-06	1.09E+00	0.00E+00	1.45E+01	2.85E-06	1.45E+01	1.56E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	2.20E+02
U-PWG8H3P68	5.58E-03	1.60E+00	2.60E-01	1.42E+00	0.00E+00	0.00E+00	7.67E+00	1.98E-05	1.06E-03	1.29E-02	0.00E+00	-2.85E-02	1.17E-09	1.85E-08	6.39E-02	2.23E+00	0.00E+00	0.00E+00	6.84E+00	3.86E-01	1.55E+01	0.00E+00	1.24E-07	6.49E-09	3.76E-03	9.88E-06	1.18E+00	0.00E+00	1.55E+01	3.13E-06	1.55E+01	1.68E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	2.51E+02
U-PWG8H3P68M	6.66E-03	1.95E+00	3.23E-01	1.66E+00	0.00E+00	0.00E+00	7.96E+00	2.14E-05	1.26E-03	1.55E-02	0.00E+00	-3.29E-02	1.32E-09	2.11E-08	7.64E-02	2.56E+00	0.00E+00	0.00E+00	7.59E+00	4.31E-01	1.92E+01	0.00E+00	1.50E-07	7.25E-09	4.35E-03	1.09E-05	1.30E+00	0.00E+00	1.92E+01	4.61E-06	1.92E+01	2.02E+01	1.30E+00	0.00E+00	0.00E+00	0.00E+00	2.74E+02
U-PWG8H4P66	5.64E-03	1.60E+00	2.44E-01	1.39E+00	0.00E+00	0.00E+00	7.02E+00	1.85E-05	1.08E-03	1.27E-02	0.00E+00	-2.61E-02	1.13E-09	1.73E-08	6.25E-02	2.23E+00	0.00E+00	0.00E+00	6.28E+00	3.53E-01	1.69E+01	0.00E+00	1.32E-07	6.29E-09	3.64E-03	8.87E-06	1.11E+00	0.00E+00	1.69E+01	3.94E-06	1.69E+01	1.78E+01	1.11E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+02
U-PWG8H4P66M	5.68E-03	1.72E+00	2.61E-01	1.45E+00	0.00E+00	0.00E+00	6.88E+00	1.69E-05	1.01E-03	1.38E-02	0.00E+00	-2.84E-02	1.13E-09	1.80E-08	6.00E-02	2.23E+00	0.00E+00	0.00E+00	6.03E+00	3.71E-01	1.66E+01	0.00E+00	1.24E-07	5.98E-09	3.54E-03	9.14E-06	1.10E+00	0.00E+00	1.66E+01	3.50E-06	1.66E+01	1.70E+01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	2.19E+02
U-PWG8H4P68	5.58E-03	1.60E+00	2.60E-01	1.42E+00	0.00E+00	0.00E+00	7.67E+00	1.98E-05	1.06E-03	1.29E-02	0.00E+00	-2.85E-02	1.17E-09	1.85E-08	6.39E-02	2.23E+00	0.00E+00	0.00E+00	6.84E+00	3.86E-01	1.55E+01	0.00E+00	1.24E-07	6.49E-09	3.76E-03	9.85E-06	1.18E+00	0.00E+00	1.55E+01	3.13E-06	1.55E+01	1.68E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	2.51E+02
U-PWG8H4P68M	6.66E-03	1.95E+00	3.23E-01	1.66E+00	0.00E+00	0.00E+00	7.96E+00	2.14E-05	1.26E-03	1.55E-02	0.00E+00	-3.29E-02	1.32E-09	2.11E-08	7.64E-02	2.56E+00	0.00E+00	0.00E+00	7.59E+00	4.31E-01	1.92E+01	0.00E+00	1.50E-07	7.25E-09	4.35E-03	1.09E-05	1.30E+00	0.00E+00	1.92E+01	4.61E-06	1.92E+01	2.02E+01	1.30E+00	0.00E+00	0.00E+00	0.00E+00	2.74E+02
U-PWGFA3P	1.67E-03	5.55E-01	8.64E-02	5.01E-01	0.00E+00	0.00E+00	4.80E+00	9.08E-06	4.41E-04	5.29E-03	0.00E+00	-1.05E-02	1.02E-09	4.83E-09	2.49E-02	9.90E-01	0.00E+00	0.00E+00	3.64E+00	1.41E-01	5.99E+00	0.00E+00	4.77E-08	2.28E-09	1.39E-03	3.61E-06	6.32E-01	0.00E+00	5.99E+00	-1.30E-06	5.99E+00	6.41E+00	6.32E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
U-PWGFA3PN	1.67E-03	5.55E-01	8.64E-02	5.01E-01	0.00E+00	0.00E+00	4.80E+00	9.08E-06	4.41E-04	5.29E-03	0.00E+00	-1.05E-02	1.02E-09	4.83E-09	2.49E-02	9.90E-01	0.00E+00	0.00E+00	3.64E+00	1.41E-01	5.99E+00	0.00E+00	4.77E-08	2.28E-09	1.39E-03	3.61E-06	6.32E-01	0.00E+00	5.99E+00	-1.30E-06	5.99E+00	6.41E+00	6.32E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
U-PWGFA4P	1.67E-03	5.55E-01	8.64E-02	5.01E-01	0.00E+00	0.00E+00	4.80E+00	9.08E-06	4.41E-04	5.29E-03	0.00E+00	-1.05E-02	1.02E-09	4.83E-09	2.49E-02	9.90E-01	0.00E+00	0.00E+00	3.64E+00	1.41E-01	5.99E+00	0.00E+00	4.77E-08	2.28E-09	1.39E-03	3.61E-06	6.32E-01	0.00E+00	5.99E+00	-1.30E-06	5.99E+00	6.41E+00	6.32E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
U-PWGFF3P10	4.20E-04	2.56E-01	9.06E-02	1.18E-01	0.00E+00	0.00E+00	5.82E-01	1.21E-06	8.30E-05	9.55E-04	0.00E+00	-1.34E-02	1.14E-10	1.49E-09	3.58E-03	2.03E-01	0.00E+00	0.00E+00	4.32E-01	1.78E-01	1.02E+00	0.00E+00	1.23E-08	6.47E-09	2.12E-04	4.33E-06	4.86E-02	0.00E+00	1.02E+00	-1.49E-06	1.02E+00	1.09E+00	4.86E-02	0.00E+00	0.00E+00	0.00E+00	1.06E+01
U-PWGFF3P15	1.67E-03	5.55E-01	8.64E-02	5.01E-01	0.00E+00	0.00E+00	4.80E+00	9.08E-06	4.41E-04	5.29E-03	0.00E+00	-1.05E-02	1.02E-09	4.83E-09	2.49E-02	9.90E-01	0.00E+00	0.00E+00	3.64E+00	1.41E-01	5.99E+00	0.00E+00	4.77E-08	2.28E-09	1.39E-03	3.61E-06	6.32E-01	0.00E+00	5.99E+00	-1.30E-06	5.99E+00	6.41E+00	6.32E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
U-PWGFF4P10	4.20E-04	2.56E-01	9.06E-02	1.18E-01	0.00E+00	0.00E+00	5.82E-01	1.21E-06	8.30E-05	9.55E-04	0.00E+00	-1.34E-02	1.14E-10	1.49E-09	3.58E-03	2.03E-01	0.00E+00	0.00E+00	4.32E-01	1.78E-01	1.02E+00	0.00E+00	1.23E-08	6.47E-09	2.12E-04	4.33E-06	4.86E-02	0.00E+00	1.02E+00	-1.49E-06	1.02E+00	1.09E+00	4.86E-02	0.00E+00	0.00E+00	0.00E+00	1.06E+01
U-PWGFF4P15	1.78E-03	5.28E-01	8.58E-02	4.89E-01	0.00E+00	0.00E+00	6.14E+00	1.18E-05	4.26E-04	4.78E-03	0.00E+00	-1.03E-02	1.18E-09	1.29E-08	3.38E-02	1.08E+00	0.00E+00	0.00E+00	4.16E+00	1.38E-01	7.23E+00	0.00E+00	5.45E-08	2.32E-08	1.28E-03	3.55E-06	6.88E-01	0.00E+00	7.23E+00	-1.21E-06	7.23E+00	8.02E+00	6.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E+02
U-PWGFR3P	9.35E-05	1.93E-01	9.47E-02	7.58E-02	0.00E+00	0.00E+00	9.48E-02	1.80E-07	4.48E-05	6.40E-04	0.00E+00	-1.39E-02	3.69E-11	8.09E-10	1.17E-03	5.47E-02	0.00E+00	0.00E+00	3.42E-02	1.87E-01	2.42E-01	0.00E+00	2.73E-09	9.69E-10	1.08E-04	4.73E-06	8.13E-03	0.00E+00	2.42E-01	-1.50E-06	2.42E-01	2.35E-01	8.13E-03	0.00E+00	0.00E+00	0.00E+00	1.73E+00
U-PWGFR4P	4.19E-04	2.53E-01	8.55E-02	1.16E-01	0.00E+00	0.00E+00	5.82E-01	1.21E-06	8.17E-05	9.32E-04	0.00E+00	-1.30E-02	1.14E-10	1.48E-09	3.56E-03	2.03E-01	0.00E+00	0.00E+00	4.32E-01	1.74E-01	1.02E+00	0.00E+00	1.23E-08	6.47E-09	2.07E-04	4.18E-06	4.93E-02	0.00E+00	1.02E+00	-1.44E-06	1.02E+00	1.09E+00	4.93E-02	0.00E+00	0.00E+00	0.00E+00	1.06E+01
U-PWGSF60	1.65E-03	7.46E-01	2.77E-01	4.69E-01	0.00E+00	0.00E+00	4.94E+00	9.82E-06	3.83E-04	4.29E-03	0.00E+00	-3.23E-02	8.23E-10	1.18E-08	2.69E-02	8.71E-01	0.00E+00	0.00E+00	3.28E+00	4.26E-01	5.37E+00	0.00E+00	4.01E-09	1.71E-08	1.12E-03	1.04E-05	5.19E-01	0.00E+00	5.37E+00	-2.52E-06	5.37E+00	5.89E+00	5.19E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+02
U-PWGSF60M	1.81E-03	7.63E-01	2.88E-01	5.30E-01	0.00E+00	0.00E+00	5.52E+00	1.03E-05	4.37E-04	4.56E-03	0.00E+00	-3.33E-02	8.75E-10	1.37E-08	3.00E-02	1.02E+00	0.00E+00	0.00E+00	3.78E+00	4.34E-01	5.52E+00	0.00E+00	4.18E-08	1.94E-08	1.22E-03	1.05E-05	5.69E-01	0.00E+00	5.52E+00	-2.29E-06	5.52E+00	6.04E+00	5.69E-01	0.00E+00	0.00E+00	0.00E+00	1.21E+02
U-PWGSF80	1.74E-03	9.98E-01	3.78E-01	5.29E-01	0.00E+00	0.00E+00	4.96E+00	9.82E-06	4.18E-04	4.71E-03	0.00E+00	-4.49E-02	8.26E-10	1.23E-08	2.73E-02	8.71E-01	0.00E+00	0.00E+00	3.29E+00	5.92E-01	5.39E+00	0.00E+00	4.03E-08	1.70E-08	1.20E-03	1.44E-05	5.04E-01	0.00E+00	5.39E+00	-3.98E-06	5.39E+00	5.89E+00	5.04E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+02
U-PWGSF80M	2.56E-03	1.26E+00	3.32E-01	1.03E+00	0.00E+00	0.00E+00	7.15E+00	1.47E-05	5.57E-04	1.00E-02	0.00E+00	-3.92E-02	8.97E-10	1.51E-08	5.00E-02	2.00E+00	0.00E+00	0.00E+00	5.85E+00	5.09E-01	1.12E+01	0.00E+00	8.86E-08	5.51E-08	2.69E-03	1.25E-05	9.19E-01	0.00E+00	1.12E+01	-1.70E-06	1.12E+01	1.17E+01	9.19E-01	0.00E+00	0.00E+00	0.00E+00	1.84E+02
U-PWGSFZ66	1.68E-03	7.21E-01	2.61E-01	4.60E-01	0.00E+00	0.00E+00	4.94E+00	9.82E-06	3.77E-04	4.23E-03	0.00E+00	-3.03E-02	8.22E-10	1.17E-08	2.69E-02	8.71E-01	0.00E+00	0.00E+00	3.28E+00	4.00E-01	5.37E+00	0.00E+00	4.00E-08	1.71E-08	1.11E-03	9.74E-06	5.21E-01	0.00E+00	5.37E+00	-2.29E-06	5.37E+00	5.89E+00	5.21E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+02
U-PWGSFZ66M	1.35E-02	3.35E+00	5.82E-01	2.91E+00	0.00E+00	0.00E+00	3.98E+01	8.24E-05	2.70E-03	2.85E-02	0.00E+00	-4.09E-02	2.56E-09	8.59E-08	2.17E-01	7.14E+00	0.00E+00	0.00E+00	2.76E+01	5.59E-01	4.40E+01	0.00E+00	3.36E-07	1.48E-07	8.17E-03	1.54E-05	4.71E+00	0.00E+00	4.40E+01	8.20E-06	4.40E+01	4.99E+01	4.71E+00	0.00E+00	0.00E+00	0.00E+00	9.45E+02
U-PWGSFZ68	1.69E-03	7.57E-01	2.84E-01	4.74E-01	0.00E+00	0.00E+00	4.94E+00	9.82E-06	3.85E-04	4.32E-03	0.00E+00	-3.32E-02	8.23E-10	1.18E-08	2.70E-02	8.71E-01	0.00E+00	0.00E+00	3.28E+00	4.38E-01	5.37E+00	0.00E+00	4.01E-08	1.71E-08	1.12E-03	1.07E-05	5.18E-01	0.00E+00	5.37E+00	-2.82E-06	5.37E+00	5.89E+00	5.18E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+02
U-PWGSFZ68M	2.60E-02	5.46E+00	5.57E-01	5.19E+00	0.00E+00	0.00E+00	6.34E+01	1.48E-04	4.79E-03	5.26E-02	0.00E+00	-3.99E-02	8.83E-09	1.37E-07	4.08E-01	1.37E+01	0.00E+00	0.00E+00	5.05E+01	5.60E-01	8.72E+01	0.00E+00	6.51E-07	2.84E-07	1.44E-02	1.41E-05	8.63E+00	0.00E+00	8.72E+01	2.44E-05	8.72E+01	9.71E+01	8.63E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+03
U-PWGSFZ86	1.72E-03	8.38E-01	3.34E-01	5.04E-01	0.00E+00	0.00E+00	4.95E+00	9.82E-06	4.03E-04	4.53E-03	0.00E+00	-3.95E-02	8.24E-10	1.21E-08	2.72E-02	8.71E-01	0.00E+00	0.00E+00	3.28E+00	5.21E-01	5.38E+00	0.00E+00	4.02E-08	1.71E-08	1.17E-03	1.27E-05	5.10E-01	0.00E+00	5.38E+00	-3.35E-06	5.38E+00	5.89E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+02
U-PWGSFZ86M	2.17E-02	4.64E+00	5.43E-01	4.38E+00	0.00E+00	0.00E+00	5.31E+01	1.20E-04	4.12E-03	4.62E-02	0.00E+00	-3.99E-02	8.25E-09	1.12E-07	3.32E-01	1.12E+01	0.00E+00	0.00E+00	4.04E+01	5.60E-01	7.44E+01	0.00E+00	5.54E-07	2.50E-07	1.29E-02	1.42E-05	6.99E+00	0.00E+00	7.44E+01	2.10E-05	7.44E+01	8.04E+01	6.99E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+03
U-PWGSFZ88	1.73E-03	8.75E-01	3.58E-01	5.17E-01	0.00E+00	0.00E+00	4.96E+00	9.82E-06	4.11E-04	4.62E-03	0.00E+00	-4.23E-02	8.25E-10	1.22E-08	2.72E-02	8.71E-01	0.00E+00	0.00E+00	3.28E+00	5.58E-01	5.38E+00	0.00E+00	4.03E-08	1.71E-08	1.19E-03	1.36E-05	5.07E-01	0.00E+00	5.38E+00	-3.68E-06	5.38E+00	5.89E+00	5.07E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+02
U-PWGSFZ88M	3.77E-02	7.99E+00	5.77E-01	7.53E+00	0.00E+00	0.00E+00	8.70E+01	1.90E-04	7.09E-03	7.78E-02	0.00E+00	-3.90E-02	1.23E-08	1.83E-07	5.67E-01	1.92E+01	0.00E+00	0.00E+00	6.48E+01	5.42E-01	1.24E+02	0.00E+00	9.19E-07	4.15E-07	2.20E-02	1.41E-05	1.10E+01	0.00E+00	1.24E+02	2.80E-05	1.24E+02	1.36E+02	1.10E+01	0.00E+00	0.00E+00	0.00E+00	2.31E+03
U-PWHGFF3P16	4.47E-03	1.21E+00	1.21E-01	1.16E+00	0.00E+00	0.00E+00	1.20E+01	3.10E-05	8.38E-04	9.66E-03	0.00E+00	-2.39E-02	1.13E-09	2.95E-08	8.87E-02	2.94E+00	0.00E+00	0.00E+00	1.22E+01	3.58E-01	1.70E+01	0.00E+00	1.37E-07	5.73E-08	3.08E-03	7.41E-06	1.96E+00	0.00E+00	1.70E+01	1.87E-06	1.70E+01	1.86E+01	1.96E+00	0.00E+00	0.00E+00	0.00E+00	4.32E+02
U-PWHGFF3P16M	4.47E-03	1.34E+00	1.20E-01	1.31E+00	0.00E+00	0.00E+00	1.08E+01	2.41E-05	8.48E-04	9.89E-03	0.00E+00	-2.39E-02	1.63E-09	2.94E-08	8.38E-02	2.90E+00	0.00E+00	0.00E+00	1.15E+01	3.58E-01	1.56E+01	0.00E+00	1.35E-07	5.71E-08	3.16E-03	7.42E-06	1.91E+00	0.00E+00	1.56E+01	1.85E-06	1.56E+01	1.79E+01	1.91E+00	0.00E+00	0.00E+00	0.00E+00	4.32E+02
U-PWHGFF4P16	4.47E-03	1.21E+00	1.21E-01	1.16E+00	0.00E+00	0.00E+00	1.20E+01	3.10E-05	8.38E-04	9.89E-03	0.00E+00	-2.39E-02	1.13E-09	2.95E-08	8.87E-02	2.94E+00	0.00E+00	0.00E+00	1.22E+01	3.58E-01	1.70E+01	0.00E+00	1.37E-07	5.73E-08	3.08E-03	7.41E-06	1.96E+00	0.00E+00	1.70E+01	1.87E-06	1.70E+01	1.86E+01	1.96E+00	0.00E+00	0.00E+00	0.00E+00	4.32E+02
U-PWHGFF4P16M	4.47E-03	1.34E+00	1.20E-01	1.31E+00	0.00E+00	0.00E+00	1.08E+01	2.41E-05	8.48E-04	9.89E-03	0.00E+00	-2.39E-02	1.63E-09	2.94E-08	8.38E-02	2.90E+00	0.00E+00	0.00E+00	1.15E+01	3.58E-01	1.56E+01	0.00E+00	1.35E-07	5.71E-08	3.16E-03	7.42E-06	1.91E+00	0.00E+00	1.56E+01	1.85E-06	1.56E+01	1.79E+01	1.91E+00	0.00E+00	0.00E+00	0.00E+00	4.32E+02
U-PWHGFF8	1.67E-03	4.29E-01	4.87E-02	4.03E-01	0.00E+00	0.00E+00	5.21E+00	1.05E-05	3.39E-04	3.98E-03	0.00E+00	-5.59E-03	9.54E-10	1.09E-08	2.87E-02	9.10E-01	0.00E+00	0.00E+00	3.53E+00	7.22E-02	5.84E+00	0.00E+00	4.28E-08	1.87E-08	1.07E-03	2.10E-06	6.14E-01	0.00E+00	5.84E+00	7.32E-07	5.84E+00	6.37E+00	6.14E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
U-PWHGFF8M	1.67E-03	4.29E-01	4.80E-02	4.19E-01	0.00E+00	0.00E+00	4.73E+00	9.01E-06	3.39E-04	3.98E-03	0.00E+00	-5.59E-03	1.45E-09	1.09E-08	2.87E-02	9.11E-01	0.00E+00	0.00E+00	3.47E+00	7.24E-02	5.84E+00	0.00E+00	4.28E-08	1.86E-08	1.07E-03	2.28E-06	5.97E-01	0.00E+00	5.84E+00	7.40E-07	5.84E+00	6.37E+00	5.97E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
U-PWHGFH3P16	2.89E-03	1.11E+00	1.53E-01	1.03E+00	0.00E+00	0.00E+00	8.82E+00	2.07E-05	8.17E-04	8.45E-03	0.00E+00	-4.06E-02	1.11E-09	1.96E-08	5.88E-02	2.30E+00	0.00E+00	0.00E+00	7.09E+00	5.65E-01	1.25E+01	0.00E+00	9.22E-08	4.08E-08	2.50E-03	1.38E-05	1.26E+00	0.00E+00	1.25E+01	5.55E-07	1.25E+01	1.34E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	2.87E+02
U-PWHGFH3P16M	2.89E-03	1.19E+00	1.53E-01	1.16E+00	0.00E+00	0.00E+00	7.68E+00	1.30E-05	6.25E-04	8.45E-03	0.00E+00	-4.06E-02	1.61E-09	1.95E-08	5.39E-02	2.28E+00	0.00E+00	0.00E+00	6.31E+00	5.65E-01	1.11E+01	0.00E+00	9.15E-08	4.08E-08	2.54E-03	1.38E-05	1.16E+00	0.00E+00	1.11E+01	5.38E-07	1.11E+01	1.28E+01	1.16E+00	0.00E+00	0.00E+00	0.00E+00	2.87E+02
U-PWHGFH4P16	3.62E-03	1.24E+00	1.51E-01	1.14E+00	0.00E+00	0.00E+00	8.88E+00	2.04E-05	7.71E-04	9.33E-03	0.00E+00	-4.03E-02	1.05E-09	1.87E-08	5.79E-02	1.86E+00	0.00E+00	0.00E+00	6.67E+00	5.63E-01	1.31E+01	0.00E+00	9.86E-08	4.29E-08	2.58E-03	1.37E-05	1.19E+00	0.00E+00	1.31E+01	7.14E-07	1.31E+01	1.41E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	2.58E+02
U-PWHGFH4P16M	3.62E-03	1.37E+00	1.50E-01	1.30E+00	0.00E+00	0.00E+00	7.42E+00	1.27E-05	7.81E-04	9.33E-03	0.00E+00	-4.03E-02	1.55E-09	1.86E-08	5.29E-02	1.84E+00	0.00E+00	0.00E+00	5.95E+00	5.63E-01	1.17E+01	0.00E+00	9.82E-08	4.28E-08	2.66E-03	1.38E-05	1.06E+00	0.00E+00	1.17E+01	6.97E-07	1.17E+01	1.34E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	2.56E+02
U-PWHGFH8	1.67E-03	4.29E-01	4.87E-02	4.03E-01	0.00E+00	0.00E+00	5.21E+00	1.05E-05	3.39E-04	3.98E-03	0.00E+00	-5.59E-03	9.54E-10	1.09E-08	2.87E-02	9.10E-01	0.00E+00	0.00E+00	3.53E+00	7.22E-02	5.84E+00	0.00E+00	4.28E-08	1.87E-08	1.07E-03	2.10E-06	6.14E-01	0.00E+00	5.84E+00	7.32E-07	5.84E+00	6.37E+00	6.14E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
U-PWHGFH8M	1.67E-03	4.29E-01	4.80E-02	4.19E-01	0.00E+00	0.00E+00	4.73E+00	9.01E-06	3.39E-04	3.98E-03	0.00E+00	-5.59E-03	1.45E-09	1.09E-08	2.87E-02	9.11E-01	0.00E+00	0.00E+00	3.47E+00	7.24E-02	5.84E+00	0.00E+00	4.28E-08	1.86E-08	1.07E-03	2.28E-06	5.97E-01	0.00E+00	5.84E+00	7.40E-07	5.84E+00	6.37E+00	5.97E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
U-PWHWND11	2.55E-03	5.69E-01	6.69E-02	5.49E-01	0.00E+00	0.00E+00	8.16E+00	1.57E-05	4.72E-04	5.40E-03	0.00E+00	-5.35E-03	1.57E-09	1.97E-08	3.99E-02	1.42E+00	0.00E+00	0.00E+00	5.19E+00	7.40E-02	8.21E+00	0.00E+00	5.99E-08	2.77E-08	1.47E-03	2.27E-06	8.97E-01	0.00E+00	8.21E+00	1.33E-06	8.21E+00	8.89E+00	8.97E-01	0.00E+00	0.00E+00	0.00E+00	1.98E+02
U-PWHWND12	1.85E-03	6.08E-01	6.08E-02	5.10E-01	0.00E+00	0.00E+00	5.91E+00	1.22E-05	4.05E-04	4.98E-03	0.00E+00	-2.18E-02	1.04E-09	1.46E-08	3.39E-02	1.07E+00	0.00E+00	0.00E+00	4.16E+00	3.05E-01	6.67E+00	0.00E+00	5.07E-08	2.14E-08	1.20E-03	4.66E-06	6.97E-01	0.00E+00	6.67E+00	9.68E-07	6.67E+00	7.42E+00	6.97E-01	0.00E+00	0.00E+00	0.00E+00	1.62E+02
U-PWHWND13	1.80E-03	6.38E-01	6.26E-02	5.10E-01	0.00E+00	0.00E+00	5.83E+00	1.20E-05	3.98E-04	4.99E-03	0.00E+00	-1.01E-02	1.04E-09	1.40E-08	3.33E-02	1.02E+00	0.00E+00	0.00E+00	4.10E+00	1.20E-01	6.80E+00	0.00E+00	4.97E-08	2.08E-08	1.19E-03	3.46E-06	6.68E-01	0.00E+00	6.80E+00	8.04E-07	6.80E+00	7.29E+00	6.68E-01	0.00E+00	0.00E+00	0.00E+00	1.59E+02
U-PWHWND81	2.52E-03	5.79E-01	6.63E-02	5.57E-01	0.00E+00	0.00E+00	8.19E+00	1.58E-05	4.71E-04	5.49E-03	0.00E+00	-7.25E-03	1.55E-09	1.99E-08	3.92E-02	1.40E+00	0.00E+00	0.00E+00	5.18E+00	9.85E-02	8.30E+00	0.00E+00	6.16E-08	2.79E-08	1.46E-03	2.31E-06	8.85E-01	0.00E+00	8.30E+00	1.37E-06	8.30E+00	9.16E+00	8.85E-01	0.00E+00	0.00E+00	0.00E+00	1.99E+02
U-PWHWND82	1.85E-03	6.22E-01	6.03E-02	5.22E-01	0.00E+00	0.00E+00	5.91E+00	1.27E-05	4.04E-04	5.07E-03	0.00E+00	-1.46E-02	1.03E-09	1.46E-08	3.43E-02	1.10E+00	0.00E+00	0.00E+00	4.25E+00	2.22E-01	7.13E+00	0.00E+00	5.20E-08	2.19E-08	1.20E-03	3.86E-06	7.16E-01	0.00E+00	7.13E+00	1.25E-06	7.13E+00	7.75E+00	7.16E-01	0.00E+00	0.00E+00	0.00E+00	1.65E+02
U-PWK26620	1.58E-01	3.39E+01	1.68E+00	3.22E+01	0.00E+00	0.00E+00	5.00E+02	1.00E-03	3.00E-02	3.30E-01	0.00E+00	0.00E+00	8.31E-08	1.07E-06	2.65E+00	8.90E+01	0.00E+00	0.00E+00	3.34E+02	6.76E-03	5.45E+02	0.00E+00	4.63E-06	1.77E-06	9.23E-02	4.81E-06	5.69E+01	0.00E+00	5.45E+02	1.25E-04	5.45

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	U-ST201	3.11E-03	1.11E+00	6.30E-02	8.11E-01	0.00E+00	0.00E+00	1.10E+01	2.19E-05	7.78E-04	1.35E-02	0.00E+00	-2.88E-03	2.28E-09	3.39E-08	8.73E-02	1.77E+00	0.00E+00	0.00E+00	1.02E+01	3.63E-02	1.19E+01	0.00E+00	8.00E-08	3.45E-08	2.51E-03	7.29E-07	2.14E+00	0.00E+00	1.19E+01	2.23E-06	1.19E+01	1.24E+01	2.14E+00	0.00E+00	0.00E+00	0.00E+00	3.04E+02
	U-ST301	3.30E-03	1.12E+00	6.49E-02	8.03E-01	0.00E+00	0.00E+00	1.12E+01	2.19E-05	7.91E-04	1.38E-02	0.00E+00	-2.76E-03	2.31E-09	3.51E-08	8.87E-02	1.82E+00	3.28E-07	0.00E+00	1.03E+01	3.51E-02	1.19E+01	0.00E+00	7.97E-08	3.47E-08	2.51E-03	7.15E-07	2.17E+00	0.00E+00	1.19E+01	2.55E-06	1.19E+01	1.24E+01	2.17E+00	0.00E+00	0.00E+00	0.00E+00	3.03E+02
	U-ST3ME1603PRW	2.75E-03	4.94E-01	3.37E-02	5.73E-01	0.00E+00	0.00E+00	8.46E+00	1.64E-05	5.47E-04	5.88E-03	0.00E+00	-1.22E-03	1.43E-09	1.94E-08	4.39E-02	1.40E+00	0.00E+00	0.00E+00	5.19E+00	1.68E-02	9.32E+00	0.00E+00	6.78E-08	2.94E-08	1.68E-03	2.83E-07	9.06E-01	0.00E+00	9.32E+00	1.58E-06	9.32E+00	1.01E+01	9.06E-01	0.00E+00	0.00E+00	0.00E+00	1.89E+02
	U-ST3ME1604PRW	2.75E-03	4.94E-01	3.37E-02	5.73E-01	0.00E+00	0.00E+00	8.46E+00	1.64E-05	5.47E-04	5.88E-03	0.00E+00	-1.22E-03	1.43E-09	1.94E-08	4.39E-02	1.40E+00	0.00E+00	0.00E+00	5.19E+00	1.68E-02	9.32E+00	0.00E+00	6.78E-08	2.94E-08	1.68E-03	2.83E-07	9.06E-01	0.00E+00	9.32E+00	1.58E-06	9.32E+00	1.01E+01	9.06E-01	0.00E+00	0.00E+00	0.00E+00	1.89E+02
	U-ST3ME2503PRW	2.75E-03	4.94E-01	3.37E-02	5.73E-01	0.00E+00	0.00E+00	8.46E+00	1.64E-05	5.47E-04	5.88E-03	0.00E+00	-1.22E-03	1.43E-09	1.94E-08	4.39E-02	1.40E+00	0.00E+00	0.00E+00	5.19E+00	1.68E-02	9.32E+00	0.00E+00	6.78E-08	2.94E-08	1.68E-03	2.83E-07	9.06E-01	0.00E+00	9.32E+00	1.58E-06	9.32E+00	1.01E+01	9.06E-01	0.00E+00	0.00E+00	0.00E+00	1.89E+02
	UST4-1X20X10	3.78E-03	4.03E-01	1.05E-02	3.85E-01	0.00E+00	0.00E+00	4.13E+00	6.33E-06	1.19E-03	3.76E-03	0.00E+00	-2.64E-03	7.72E-10	1.63E-08	2.07E-02	1.24E+00	5.03E-06	0.00E+00	3.62E+00	5.14E-04	4.24E+00	0.00E+00	3.58E-08	1.88E-08	1.20E-03	7.79E-08	7.33E-01	0.00E+00	4.24E+00	2.99E-07	4.24E+00	4.77E+00	7.32E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
	UST4-1X50X10	3.78E-03	4.03E-01	1.17E-02	3.85E-01	0.00E+00	0.00E+00	4.16E+00	6.33E-06	1.19E-03	3.76E-03	0.00E+00	-2.64E-03	7.72E-10	1.63E-08	2.07E-02	1.24E+00	5.03E-06	0.00E+00	3.62E+00	5.14E-04	4.24E+00	0.00E+00	3.61E-08	1.89E-08	1.20E-03	7.79E-08	7.33E-01	0.00E+00	4.24E+00	2.97E-07	4.24E+00	4.79E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
	UST4-2X30X10	3.77E-03	4.03E-01	1.01E-02	3.84E-01	0.00E+00	0.00E+00	4.11E+00	6.33E-06	1.19E-03	3.76E-03	0.00E+00	-2.64E-03	7.50E-10	1.63E-08	2.06E-02	1.22E+00	5.03E-06	0.00E+00	3.49E+00	5.13E-04	4.24E+00	0.00E+00	3.57E-08	1.88E-08	1.20E-03	7.80E-08	7.31E-01	0.00E+00	4.24E+00	2.92E-07	4.24E+00	4.77E+00	7.31E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
	UST4-2X40X10	3.78E-03	4.03E-01	1.02E-02	3.85E-01	0.00E+00	0.00E+00	4.11E+00	6.33E-06	1.19E-03	3.76E-03	0.00E+00	-2.64E-03	7.57E-10	1.63E-08	2.06E-02	1.22E+00	5.03E-06	0.00E+00	3.53E+00	5.14E-04	4.24E+00	0.00E+00	3.58E-08	1.88E-08	1.20E-03	7.79E-08	7.31E-01	0.00E+00	4.24E+00	2.95E-07	4.24E+00	4.77E+00	7.31E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
	UST4-MB	1.19E-03	2.51E-01	6.79E-02	2.08E-01	0.00E+00	0.00E+00	2.60E+00	4.88E-06	2.85E-04	2.02E-03	0.00E+00	-9.33E-03	8.93E-10	8.24E-09	1.34E-02	4.33E-01	0.00E+00	0.00E+00	1.75E+00	1.25E-01	2.77E+00	0.00E+00	2.10E-09	8.56E-09	5.28E-04	2.83E-06	2.96E-01	0.00E+00	2.77E+00	5.00E-07	2.77E+00	3.32E+00	2.96E-01	0.00E+00	0.00E+00	0.00E+00	6.51E+01
	U-ST4ME2504PRW	2.72E-03	4.94E-01	3.13E-02	5.72E-01	0.00E+00	0.00E+00	8.23E+00	1.62E-05	5.44E-04	5.82E-03	0.00E+00	-7.81E-04	1.37E-09	1.90E-08	4.36E-02	1.40E+00	0.00E+00	0.00E+00	5.12E+00	1.05E-02	9.23E+00	0.00E+00	6.72E-08	2.90E-08	1.66E-03	2.74E-07	8.98E-01	0.00E+00	9.23E+00	1.56E-06	9.23E+00	1.01E+01	8.98E-01	0.00E+00	0.00E+00	0.00E+00	1.87E+02
	U-ST4ME6303PRW	2.73E-03	4.94E-01	3.14E-02	5.73E-01	0.00E+00	0.00E+00	8.34E+00	1.63E-05	5.44E-04	5.82E-03	0.00E+00	-1.02E-03	1.40E-09	1.92E-08	4.36E-02	1.40E+00	0.00E+00	0.00E+00	5.12E+00	1.32E-02	9.29E+00	0.00E+00	6.76E-08	2.90E-08	1.67E-03	2.75E-07	8.99E-01	0.00E+00	9.29E+00	1.57E-06	9.29E+00	1.01E+01	8.99E-01	0.00E+00	0.00E+00	0.00E+00	1.87E+02
	U-ST4ME6304PRW	2.72E-03	4.94E-01	3.13E-02	5.72E-01	0.00E+00	0.00E+00	8.23E+00	1.62E-05	5.44E-04	5.82E-03	0.00E+00	-7.81E-04	1.37E-09	1.90E-08	4.36E-02	1.40E+00	0.00E+00	0.00E+00	5.12E+00	1.05E-02	9.23E+00	0.00E+00	6.72E-08	2.90E-08	1.66E-03	2.74E-07	8.98E-01	0.00E+00	9.23E+00	1.56E-06	9.23E+00	1.01E+01	8.98E-01	0.00E+00	0.00E+00	0.00E+00	1.87E+02
	UST5-GST340	2.14E-04	1.94E-01	7.21E-02	9.37E-02	0.00E+00	0.00E+00	4.72E-01	6.45E-07	7.06E-05	8.16E-04	0.00E+00	-9.20E-03	9.86E-11	1.55E-09	4.57E-03	1.24E-01	0.00E+00	0.00E+00	3.29E-01	1.19E-01	7.49E-01	0.00E+00	4.78E-09	1.64E-09	1.77E-04	2.53E-06	4.79E-02	0.00E+00	7.49E-01	-2.39E-07	7.49E-01	7.57E-01	4.79E-02	0.00E+00	0.00E+00	0.00E+00	1.31E+01
	UST5-MB	1.19E-03	8.32E-01	1.17E-01	3.97E-01	0.00E+00	0.00E+00	2.85E+00	5.09E-06	4.67E-04	8.90E-03	0.00E+00	-2.12E-02	9.86E-10	1.76E-08	4.81E-02	4.36E-01	0.00E+00	0.00E+00	4.12E+00	2.63E-01	3.93E+00	0.00E+00	2.05E-08	8.51E-09	1.29E-03	8.97E-06	1.08E+00	0.00E+00	3.93E+00	1.17E-07	3.93E+00	3.35E+00	1.08E+00	0.00E+00	0.00E+00	0.00E+00	6.35E+01
	UST5-STT50	4.89E-03	1.06E+00	9.41E-02	1.08E+00	0.00E+00	0.00E+00	1.43E+01	2.90E-05	9.20E-04	1.60E-02	0.00E+00	-1.04E-02	2.55E-09	3.03E-08	7.50E-02	2.69E+00	0.00E+00	0.00E+00	9.98E+00	1.19E-01	1.60E+01	0.00E+00	1.20E-07	5.48E-08	2.81E-03	3.98E-06	1.68E+00	0.00E+00	1.60E+01	2.59E-06	1.60E+01	1.76E+01	1.68E+00	0.00E+00	0.00E+00	0.00E+00	3.62E+02
	UST5-STT60	5.53E-03	1.26E+00	9.68E-02	1.09E+00	0.00E+00	0.00E+00	1.58E+01	3.21E-05	1.00E-03	1.11E-02	0.00E+00	-1.04E-02	2.81E-09	3.28E-08	8.64E-02	2.98E+00	0.00E+00	0.00E+00	1.09E+01	1.18E-01	1.89E+01	0.00E+00	1.38E-07	6.30E-08	3.19E-03	3.99E-06	1.87E+00	0.00E+00	1.85E+01	2.85E-06	1.89E+01	2.10E+01	1.87E+00	0.00E+00	0.00E+00	0.00E+00	4.03E+02
	UST5-STT70	6.46E-03	1.47E+00	1.04E-01	1.32E+00	0.00E+00	0.00E+00	1.74E+01	3.78E-05	1.27E-03	1.40E-02	0.00E+00	-9.67E-03	3.83E-09	3.80E-08	9.99E-02	3.39E+00	0.00E+00	0.00E+00	1.37E+01	1.10E-01	2.20E+01	0.00E+00	1.55E-07	7.37E-08	4.00E-03	4.01E-06	2.22E+00	0.00E+00	2.20E+01	4.53E-06	2.20E+01	2.39E+01	2.22E+00	0.00E+00	0.00E+00	0.00E+00	5.23E+02
	UST5-STT80	6.55E-03	1.59E+00	1.24E-01	1.37E+00	0.00E+00	0.00E+00	1.97E+01	4.11E-05	1.29E-03	1.44E-02	0.00E+00	-1.01E-02	4.37E-09	4.55E-08	1.06E-01	3.56E+00	0.00E+00	0.00E+00	1.50E+01	1.15E-01	2.28E+01	0.00E+00	1.61E-07	7.52E-08	4.14E-03	4.29E-06	2.37E+00	0.00E+00	2.28E+01	4.70E-06	2.28E+01	2.47E+01	2.37E+00	0.00E+00	0.00E+00	0.00E+00	5.66E+02
	U-STW4020	4.52E-02	1.21E+01	3.99E-01	1.15E+01	0.00E+00	0.00E+00	1.07E+02	2.05E-04	9.92E-03	1.02E-01	0.00E+00	9.16E-07	1.52E-08	2.34E-07	5.71E-01	2.10E+01	0.00E+00	0.00E+00	6.45E+01	2.01E-03	1.33E+02	0.00E+00	9.85E-07	4.34E-07	2.79E-02	1.30E-06	1.19E+01	0.00E+00	1.33E+02	2.79E-05	1.33E+02	1.41E+02	1.19E+01	0.00E+00	0.00E+00	0.00E+00	2.50E+03
	U-STW4022	2.55E-02	5.25E+00	2.96E-01	4.85E+00	0.00E+00	0.00E+00	7.19E+01	1.49E-04	4.55E-03	5.01E-02	0.00E+00	-4.09E-04	1.21E-08	1.56E-07	3.78E-01	1.29E+01	0.00E+00	0.00E+00	5.15E+01	6.11E-03	8.05E+01	0.00E+00	6.03E-07	2.70E-07	1.44E-02	6.97E-07	8.51E+00	0.00E+00	8.05E+01	2.24E-05	8.05E+01	8.98E+01	8.51E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+03
	U-STWT1H2040	1.80E-02	4.19E+00	2.38E-01	3.89E+00	0.00E+00	0.00E+00	4.70E+01	8.59E-05	3.70E-03	3.99E-02	0.00E+00	-8.66E-05	9.12E-09	7.38E-08	2.45E-01	8.78E+00	0.00E+00	0.00E+00	2.53E+01	2.45E-03	6.25E+01	0.00E+00	4.61E-07	2.06E-07	1.11E-02	5.91E-07	4.87E+00	0.00E+00	6.25E+01	1.58E-05	6.25E+01	6.84E+01	4.87E+00	0.00E+00	0.00E+00	0.00E+00	9.15E+02
	U-STWT1H2240	2.28E-02	4.99E+00	2.54E-01	5.08E+00	0.00E+00	0.00E+00	5.46E+01	1.18E-04	4.11E-03	4.80E-02	0.00E+00	-8.66E-05	1.20E-08	1.05E-07	3.32E-01	1.13E+01	0.00E+00	0.00E+00	4.08E+01	2.52E-03	7.61E+01	0.00E+00	5.67E-07	2.52E-07	1.35E-02	6.11E-07	6.94E+00	0.00E+00	7.61E+01	2.11E-05	7.61E+01	8.39E+01	6.94E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+03
	U-STWT1V2040	9.25E-03	3.14E+00	2.39E-01	2.52E+00	0.00E+00	0.00E+00	4.71E+01	8.51E-05	2.39E-03	2.37E-02	0.00E+00	-8.66E-05	4.81E-09	7.38E-08	1.58E-01	5.85E+00	0.00E+00	0.00E+00	2.38E+01	2.45E-03	3.85E+01	0.00E+00	2.53E-07	1.31E-07	8.47E-03	5.85E-07	4.22E+00	0.00E+00	3.85E+01	5.72E-06	3.85E+01	4.11E+01	4.22E+00	0.00E+00	0.00E+00	0.00E+00	8.57E+02
	U-STWT1V2240	2.14E-02	4.63E+00	2.39E-01	4.53E+00	0.00E+00	0.00E+00	4.91E+01	9.97E-05	3.94E-03	4.63E-02	0.00E+00	-8.66E-05	1.11E-08	8.43E-08	3.02E-01	1.06E+01	0.00E+00	0.00E+00	3.13E+01	2.47E-03	7.35E+01	0.00E+00	5.45E-07	2.42E-07	1.29E-02	5.94E-07	5.80E+00	0.00E+00	7.35E+01	2.03E-05	7.35E+01	8.02E+01	5.80E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+03
	U-STWT2H2040	1.80E-02	4.19E+00	2.38E-01	3.89E+00	0.00E+00	0.00E+00	4.70E+01	8.59E-05	3.70E-03	3.99E-02	0.00E+00	-8.66E-05	9.12E-09	7.38E-08	2.45E-01	8.78E+00	0.00E+00	0.00E+00	2.53E+01	2.45E-03	6.25E+01	0.00E+00	4.61E-07	2.06E-07	1.11E-02	5.91E-07	4.87E+00	0.00E+00	6.25E+01	1.58E-05	6.25E+01	6.84E+01	4.87E+00	0.00E+00	0.00E+00	0.00E+00	9.15E+02
	U-STWT2H2240	2.28E-02	4.99E+00	2.54E-01	5.08E+00	0.00E+00	0.00E+00	5.46E+01	1.18E-04	4.11E-03	4.80E-02	0.00E+00	-8.66E-05	1.20E-08	1.05E-07	3.32E-01	1.13E+01	0.00E+00	0.00E+00	4.08E+01	2.52E-03	7.61E+01	0.00E+00	5.67E-07	2.52E-07	1.35E-02	6.11E-07	6.94E+00	0.00E+00	7.61E+01	2.11E-05	7.61E+01	8.39E+01	6.94E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+03
	U-STWT2V2040	9.25E-03	3.50E+00	2.40E-01	2.67E+00	0.00E+00	0.00E+00	4.73E+01	8.61E-05	2.80E-03	3.02E-02	0.00E+00	-4.45E-05	4.88E-09	8.32E-08	1.91E-01	5.85E+00	0.00E+00	0.00E+00	2.60E+01	2.14E-03	3.94E+01	0.00E+00	2.53E-07	1.31E-07	7.13E-03	5.33E-07	4.96E+00	0.00E+00	3.94E+01	5.73E-06	3.94E+01	4.11E+01	4.96E+00	0.00E+00	0.00E+00	0.00E+00	8.57E+02
	U-STWT2V2240	2.20E-02	5.37E+00	2.41E-01	5.24E+00	0.00E+00	0.00E+00	5.64E+01	1.01E-04	4.19E-03	5.40E-02	0.00E+00	-4.45E-05	1.17E-08	9.22E-08	3.41E-01	1.08E+01	3.28E-07	0.00E+00	3.37E+01	2.16E-03	7.58E+01	0.00E+00	5.63E-07	2.46E-07	1.37E-02	5.40E-07	6.81E+00	0.00E+00	7.58E+01	2.04E-05	7.58E+01	8.32E+01	6.81E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+03
	U-STWV4020	2.82E-02	5.41E+00	2.63E-01	5.34E+00	0.00E+00	0.00E+00	6.57E+01	1.28E-04	4.57E-03	4.97E-02	0.00E+00	-8.66E-05	1.21E-08	1.45E-07	3.43E-01	1.17E+01	0.00E+00	0.00E+00	4.43E+01	2.63E-03	7.81E+01	0.00E+00	5.80E-07	2.62E-07	1.42E-02	7.09E-07	7.54E+00	0.00E+00	7.81E+01	2.19E-05	7.81E+01	8.78E+01	7.54E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+03
	U-STWV4022	2.67E-02	5.87E+00	2.93E-01	5.69E+00	0.00E+00	0.00E+00	7.03E+01	1.41E-04	5.16E-03	5.40E-02	0.00E+00	-8.66E-05	1.22E-08	1.53E-07	3.92E-01	1.34E+01	0.00E+00	0.00E+00	4.97E+01	2.71E-03	8.60E+01	0.00E+00	6.41E-07	2.83E-07	1.53E-02	7.93E-07	8.46E+00	0.00E+00	8.60E+01	2.32E-05	8.60E+01	9.66E+01	8.46E+00	0.00E+00	0.00E+00	0.00E+00	1.82E+03
	U-STWZEP2040	2.40E-02	5.38E+00	2.57E-01	5.26E+00	0.00E+00	0.00E+00	6.57E+01	1.25E-04	4.49E-03	4.88E-02	0.00E+00	-8.66E-05	1.21E-08	1.45E-07	3.41E-01	1.17E+01	0.00E+00	0.00E+00	4.40E+01	2.55E-03	7.77E+01	0.00E+00	5.72E-07	2.58E-07	1.38E-02	6.40E-07	7.50E+00	0.00E+00	7.77E+01	2.15E-05	7.77E+01	8.73E+01	7.50E+00	0.00E+00	0.00E+00	0.00E+00	1.66E+03
	U-STWZEP2240	2.60E-02	5.69E+00	2.69E-01	5.53E+00	0.00E+00	0.00E+00	7.02E+01	1.41E-04	4.77E-03	5.17E-02	0.00E+00	-8.66E-05	1.22E-08	1.52E-07	3.78E-01	1.29E+01	0.00E+00	0.00E+00	4.94E+01	2.67E-03	8.13E+01	0.00E+00	6.14E-07	2.75E-07	1.49E-02	7.19E-07	8.47E+00	0.00E+00	8.13E+01	2.25E-05	8.13E+01	9.07E+01	8.47E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+03
	U-SWS6020	6.73E-03	1.83E+00	1.33E-01	1.61E+00	0.00E+00	0.00E+00	2.09E+01	4.35E-05	1.35E-03	1.55E-02	0.00E+00	-2.09E-03	4.12E-09	4.99E-08	1.13E-01	3.81E+00	0.00E+00	0.00E+00	1.51E+01	2.68E-02	2.28E+01	0.00E+00	1.66E-07	7.35E-08	4.11E-03	7.53E-07	2.40E+00	0.00E+00	2.28E+01	5.37E-06	2.28E+01	2.48E+01	2.40E+00	0.00E+00	0.00E+00	0.00E+00	5.62E+02
	U-SWS6022	6.72E-03	1.83E+00	1.24E-01	1.64E+00	0.00E+00	0.00E+00	2.12E+01	4.36E-05	1.34E-03	1.56E-02	0.00E+00	-1.26E-03	4.16E-09	4.71E-08	1.13E-01	3.82E+00	0.00E+00	0.00E+00	1.52E+01	1.65E-02	2.28E+01	0.00E+00	1.66E-07	7.35E-08	4.11E-03	4.93E-07	2.41E+00	0.00E+00	2.28E+01	5.58E-06	2.28E+01	2.48E+01	2.41E+00	0.00E+00	0.00E+00	0.00E+00	5.66E+02
	U-SWS8020	8.43E-03	3.19E+00	1.80E-01	2.46E+00	0.00E+00	0.00E+00	4.46E+01	8.38E-05	1.56E-03	2.32E-02	0.00E+00	-4.35E-04	4.71E-09	6.84E-08	1.54E-01	5.76E+00	0.00E+00	0.00E+00	2.35E+01	5.69E-03	3.75E+01	0.00E+00	2.39E-07	1.26E-07	6.03E-03	5.30E-07	4.17E+00	0.00E+00	3.75E+01	5.59E-06	3.75E+01	4.03E+01	4.17E+00	0.00E+00	0.00E+00	0.00E+00	8.49E+02
	U-SWS8022	8.83E-03	3.21E+00	1.98E-01	2.49E+00	0.00E+00	0.00E+00	4.51E+01	8.42E-05	2.46E-03	2.35E-02	0.00E+00	-4.35E-04	4.74E-09	7.15E-08	1.55E-01	5.81E+00	0.00E+00	0.00E+00	2.38E+01	5.85E-03	3.77E+01	0.00E+00	2.45E-07	1.27E-07	6.08E-03	5.99E-07	4.19E+00	0.00E+00	3.77E+01	5.62E-06	3.77E+01	4.05E+01	4.19E+00	0.00E+00	0.00E+00	0.00E+00	8.55E+02
	U-SWV2060	7.47E-02	1.44E+01	8.48E-01	1.42E+01	0.00E+00	0.00E+00	2.43E+02	4.48E-04	1.44E-02	1.56E-01	0.00E+00	-4.95E-02	3.51E-08	5.33E-07	1.34E+00	4.32E+01	0.00E+00	0.00E+00	1.66E+02	6.47E-01	2.58E+02	0.00E+00	1.79E-06	8.29E-07	4.30E-02	1.69E-05	2.79E+01	0.00E+00	2.58E+02	5.59E-05	2.58E+02	2.79E+02	2.79E+01	0.00E+00	0.00E+00	0.00E+00	5.64E+03
	U-SWV2080	8.34E-02	1.68E+01	1.16E+00	1.65E+01	0.00E+00	0.00E+00	2.68E+02	4.98E-04	1.57E-02	1.68E-01	0.00E+00	-5.57E-02	3.75E-08	5.86E-07	1.46E+00	4.81E+01	0.00E+00	0.00E+00	1.84E+02	7.22E-01	2.87E+02	0.00E+00	1.99E-06	9.17E-07	4.76E-02	1.95E-05	3.06E+01	0.00E+00	2.87E+02	6.16E-05	2.87E+02	3.03E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	6.28E+03
	U-SWV2260	7.61E-02	1.48E+01	1.11E+00	1.47E+01	0.00E+00	0.00E+00	2.51E+02	4.62E-04	1.47E-02	1.60E-01	0.00E+00	-5.04E-02	3.56E-08	5.48E-07	1.36E+00	4.44E+01	0.00E+00	0.00E+00	1.69E+02	6.60E-01	2.65E+02	0.00E+00	1.83E-06	8.46E-07	4.39E-02	1.74E-05	2.86E+01	0.00E+00	2.65E+02	5.61E-05	2.65E+02	2.84E+02	2.86E+01	0.00E+00	0.00E+00	0.00E+00	5.76E+03
	U-SWV2280	9.73E-02	1.97E+01	1.43E+00	1.96E+01	0.00E+00	0.00E+00	3.08E+02	5.85E-04	1.82E-02	1.95E-01	0.00E+00	-6.13E-02	4.24E-08	6.72E-07	1.66E+00	5.51E+01	0.00E+00	0.00E+00	2.12E+02	8.39E-01	3.26E+02	0.00E+00	2.28E-06	1.05E-06	5.44E-02	2.23E-05	3.63E+01	0.00E+00	3.26E+02	6.94E-05	3.26E+02	3.59E+02	3.63E+01	0.00E+00	0.00E+00	0.00E+00	7.07E+03
	U-T2DE456020	1.97E-01	4.42E+01	2.36E+00	4.06E+01	0.00E+00	0.00E+00	6.96E+02	1.36E-03	4.46E-02	4.78E-01	0.00E+00	-7.29E-03	8.17E-08	1.34E-06	3.60E+00	1.19E+02	3.28E-07	0.00E+00	4.77E+02	1.05E+01	6.58E+02	0.00E+00	4.95E-06	2.39E-06	1.27E-01	8.48E-06	7.73E+01	0.00E+00	6.58E+02	1.57E-04	6.58E+02	6.39E+02	7.73E+01	0.00E+00	0.00E+00	0.00E+00	1.54E+04
	U-T2DE456022	2.04E-01	4.64E+01	2.51E+00	4.20E+01	0.00E+00	0.00E+00	7.37E+02	1.39E-03	4.71E-02	4.96E-01	0.00E+00	-7.29E-03	8.17E-08	1.34E-06	3.78E+00	1.24E+02	3.28E-07	0.00E+00	4.86E+02	1.05E+01	6.77E+02	0.00E+00	5.18E-06	2.49E-06	1.31E-01	8.50E-06	8.04E+01	0.00E+00	6.77E+02	1.60E-04	6.77E+02	6.39E+02	8.04E+01	0.00E+00	0.00E+00	0.00E+00	1.57E+04
	U-T2DE458020	2.09E-01	4.71E+01	2.52E+00	4.25E+01	0.00E+00	0.00E+00	7.48E+02	1.41E-03	4.83E-02	5.08E-01	0.00E+00	-7.64E-03	8.33E-08	1.34E-06	3.83E+00	1.26E+02	3.28E-07	0.00E+00	4.88E+02	1.10E+01	6.82E+02	0.00E+00	5.18E-06	2.52E-06	1.34E-01	8.83E-06	8.10E+01	0.00E+00	6.82E+02	1.65E-04	6.82E+02	6.39E+02	8.10E+01	0.00E+00	0.00E+00	0.00E+00	1.58E+04
	U-T2DE458022	2.25E-01	5.20E+01	3.06E+00	4.70E+01	0.00E+00	0.00E+00	7.81E+02	1.49E-03	5.12E-02	5.42E-01	0.00E+00	-7.64E-03	8.61E-08	1.37E-06	3.98E+00	1.31E+02	3.28E-07	0.00E+00	5.05E+02	1.16E-01	7.37E+02	0.00E+00	5.33E-06	2.68E-06	1.44E-01	9.56E-06	8.75E+01	0.00E+00	7.37E+02	1.77E-04	7.37E+02	6.53E+02	8.75E+01	0.00E+00	0.00E+00	0.00E+00	1.74E+04
	U-T2DE606020	2.04E-01	4.64E+01	2.51E+00	4.20E+01	0.00E+00	0.00E+00	7.37E+02	1.39E-03	4.71E-02	4.96E-01	0.00E+00	-7.44E-03	8.17E-08	1.34E-06	3.78E+00	1.24E+02	3.28E-07	0.00E+00	4.86E+02	1.08E-01	6.76E+02	0.00E+00	5.18E-06	2.50E-06	1.31E-01	8.56E-06	8.04E+01	0.00E+00	6.76E+02	1.60E-04	6.76E+02	6.39E+02

U-TFVO85	5.65E-02	1.09E+01	8.17E-01	1.02E+01	0.00E+00	0.00E+00	1.74E+02	3.50E-04	9.65E-03	1.11E-01	0.00E+00	-3.90E-02	2.69E-08	3.70E-07	9.19E-01	3.01E+01	0.00E+00	0.00E+00	1.14E+02	4.79E-01	1.81E+02	0.00E+00	1.39E-06	5.84E-07	2.88E-02	1.26E-05	1.98E+01	0.00E+00	1.81E+02	3.50E-05	1.81E+02	2.08E+02	1.98E+01	0.00E+00	0.00E+00	0.00E+00	4.07E+03
U-TFVU110	7.30E-02	1.40E+01	1.14E+00	1.31E+01	0.00E+00	0.00E+00	2.29E+02	4.69E-04	1.36E-02	1.49E-01	0.00E+00	-4.71E-02	3.09E-08	4.94E-07	1.24E+00	4.16E+01	0.00E+00	0.00E+00	1.57E+02	5.91E-01	2.58E+02	0.00E+00	1.90E-06	8.34E-07	4.23E-02	1.56E-05	2.64E+01	0.00E+00	2.56E+02	5.31E-05	2.56E+02	2.83E+02	2.64E+01	0.00E+00	0.00E+00	0.00E+00	5.56E+03
U-TFVU60	4.31E-02	9.96E+00	7.19E-01	9.41E+00	0.00E+00	0.00E+00	1.29E+02	2.68E-04	8.56E-03	9.64E-02	0.00E+00	-2.91E-02	1.63E-08	2.88E-07	7.01E-01	2.42E+01	0.00E+00	0.00E+00	9.13E+01	3.55E-01	1.46E+02	0.00E+00	1.03E-06	4.71E-07	2.57E-02	7.91E-06	1.53E+01	0.00E+00	1.46E+02	3.06E-05	1.46E+02	1.60E+02	1.53E+01	0.00E+00	0.00E+00	0.00E+00	3.25E+03
U-TFVU85	5.65E-02	1.09E+01	8.17E-01	1.02E+01	0.00E+00	0.00E+00	1.74E+02	3.50E-04	9.65E-03	1.11E-01	0.00E+00	-3.90E-02	2.69E-08	3.70E-07	9.19E-01	3.01E+01	0.00E+00	0.00E+00	1.14E+02	4.79E-01	1.81E+02	0.00E+00	1.39E-06	5.84E-07	2.88E-02	1.26E-05	1.98E+01	0.00E+00	1.81E+02	3.50E-05	1.81E+02	2.08E+02	1.98E+01	0.00E+00	0.00E+00	0.00E+00	4.07E+03
U-TGTA1008	3.99E-02	1.46E+01	3.60E-01	1.42E+01	0.00E+00	0.00E+00	8.85E+01	1.49E-04	9.93E-03	1.20E-01	0.00E+00	-2.88E-03	1.32E-08	1.97E-07	4.87E-01	1.73E+01	0.00E+00	0.00E+00	5.42E+01	5.61E-02	1.09E+02	0.00E+00	8.39E-07	3.79E-07	2.63E-02	1.59E-06	9.49E+00	0.00E+00	1.09E+02	2.31E-05	1.09E+02	1.21E+02	9.49E+00	0.00E+00	0.00E+00	0.00E+00	2.25E+03
U-TGTA456	8.26E-03	3.50E+00	1.82E-01	2.70E+00	0.00E+00	0.00E+00	5.06E+01	1.79E-03	2.70E-02	0.00E+00	0.00E+00	-5.40E-03	4.41E-09	7.62E-08	1.71E-01	6.13E+00	0.00E+00	0.00E+00	2.72E+01	7.46E-02	3.99E+01	0.00E+00	2.62E-07	1.29E-07	7.34E-03	1.25E-06	4.61E+00	0.00E+00	3.99E+01	4.29E-06	3.99E+01	4.29E+01	4.61E+00	0.00E+00	0.00E+00	0.00E+00	9.34E+02
U-TGTA458	1.71E-02	4.79E+00	2.00E-01	4.23E+00	0.00E+00	0.00E+00	5.06E+01	8.87E-05	3.99E-03	4.10E-02	0.00E+00	-5.40E-03	6.85E-09	7.88E-08	2.53E-01	8.86E+00	0.00E+00	0.00E+00	2.87E+01	6.03E-02	6.31E+01	0.00E+00	4.45E-07	2.01E-07	1.11E-02	1.30E-06	5.25E+00	0.00E+00	6.31E+01	1.19E-05	6.31E+01	6.87E+01	5.25E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+03
U-TGTA606	2.09E-02	5.24E+00	2.17E-01	4.90E+00	0.00E+00	0.00E+00	5.64E+01	1.12E-04	4.37E-03	4.81E-02	0.00E+00	-3.92E-03	8.78E-09	1.06E-07	3.35E-01	1.12E+01	0.00E+00	0.00E+00	4.04E+01	6.03E-02	7.47E+01	0.00E+00	5.38E-07	2.39E-07	1.29E-02	1.31E-06	6.84E+00	0.00E+00	7.47E+01	1.66E-05	7.47E+01	8.21E+01	6.84E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+03
U-TGTA608	2.77E-02	5.59E+00	2.26E-01	5.20E+00	0.00E+00	0.00E+00	6.68E+01	1.19E-04	4.87E-03	4.92E-02	0.00E+00	-3.92E-03	9.17E-09	1.45E-07	3.48E-01	1.18E+01	0.00E+00	0.00E+00	4.36E+01	5.53E-02	7.70E+01	0.00E+00	5.48E-07	2.48E-07	1.33E-02	1.35E-06	7.51E+00	0.00E+00	7.70E+01	1.72E-05	7.70E+01	8.53E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	1.68E+03
U-TGTA806	2.64E-02	6.24E+00	2.59E-01	5.92E+00	0.00E+00	0.00E+00	7.41E+01	1.33E-04	6.01E-03	5.76E-02	0.00E+00	-2.88E-03	1.12E-08	1.62E-07	4.17E-01	1.42E+01	0.00E+00	0.00E+00	4.84E+01	5.54E-02	8.93E+01	0.00E+00	6.62E-07	2.90E-07	1.59E-02	1.38E-06	8.37E+00	0.00E+00	8.93E+01	2.01E-05	8.93E+01	1.00E+02	8.37E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+03
U-TGTA808	2.94E-02	6.78E+00	2.66E-01	6.56E+00	0.00E+00	0.00E+00	7.69E+01	1.38E-04	6.69E-03	6.50E-02	0.00E+00	-2.88E-03	1.20E-08	1.69E-07	4.48E-01	1.57E+01	0.00E+00	0.00E+00	4.95E+01	5.54E-02	9.73E+01	0.00E+00	7.30E-07	3.23E-07	1.85E-02	1.43E-06	8.70E+00	0.00E+00	9.73E+01	2.12E-05	9.73E+01	1.08E+02	8.70E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+03
U-TGTF606	2.09E-02	5.40E+00	2.03E-01	4.90E+00	0.00E+00	0.00E+00	5.24E+01	1.02E-04	4.36E-03	5.20E-02	0.00E+00	-3.92E-03	8.77E-09	9.56E-08	3.45E-01	1.09E+01	0.00E+00	0.00E+00	3.66E+01	6.03E-02	7.49E+01	0.00E+00	5.40E-07	2.38E-07	1.28E-02	1.30E-06	7.02E+00	0.00E+00	7.49E+01	1.59E-05	7.49E+01	8.22E+01	7.02E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+03
U-TGTF608	2.45E-02	5.81E+00	2.46E-01	5.38E+00	0.00E+00	0.00E+00	7.10E+01	1.29E-04	5.04E-03	5.57E-02	0.00E+00	-2.88E-03	9.61E-09	1.60E-07	4.06E-01	1.28E+01	0.00E+00	0.00E+00	4.89E+01	5.54E-02	8.02E+01	0.00E+00	5.87E-07	2.61E-07	1.41E-02	1.36E-06	8.96E+00	0.00E+00	8.02E+01	1.76E-05	8.02E+01	8.84E+01	8.96E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+03
U-TGTF806	2.60E-02	6.27E+00	2.57E-01	5.80E+00	0.00E+00	0.00E+00	7.35E+01	1.32E-04	5.85E-03	6.06E-02	0.00E+00	-2.88E-03	1.18E-08	1.66E-07	4.29E-01	1.38E+01	0.00E+00	0.00E+00	5.06E+01	5.54E-02	8.75E+01	0.00E+00	6.45E-07	2.84E-07	1.55E-02	1.38E-06	8.97E+00	0.00E+00	8.75E+01	1.98E-05	8.75E+01	9.86E+01	8.97E+00	0.00E+00	0.00E+00	0.00E+00	1.82E+03
U-TGTF808	3.13E-02	7.53E+00	2.91E-01	7.12E+00	0.00E+00	0.00E+00	8.15E+01	1.45E-04	7.26E-03	7.78E-02	0.00E+00	-2.88E-03	1.30E-08	1.81E-07	4.90E-01	1.59E+01	0.00E+00	0.00E+00	5.36E+01	5.55E-02	1.02E+02	0.00E+00	7.86E-07	3.47E-07	2.05E-02	1.47E-06	9.91E+00	0.00E+00	1.02E+02	2.32E-05	1.02E+02	1.14E+02	9.91E+00	0.00E+00	0.00E+00	0.00E+00	2.03E+03
U-TGU1008	3.98E-02	1.46E+01	3.60E-01	1.42E+01	0.00E+00	0.00E+00	8.83E+01	1.49E-04	9.94E-03	1.20E-01	0.00E+00	-2.88E-03	1.31E-08	1.97E-07	4.88E-01	1.74E+01	0.00E+00	0.00E+00	5.42E+01	5.61E-02	1.09E+02	0.00E+00	8.39E-07	3.81E-07	2.63E-02	1.60E-06	9.49E+00	0.00E+00	1.09E+02	2.31E-05	1.09E+02	1.21E+02	9.49E+00	0.00E+00	0.00E+00	0.00E+00	2.25E+03
U-TGU458	8.23E-03	3.53E+00	1.99E-01	2.68E+00	0.00E+00	0.00E+00	5.07E+01	8.64E-05	2.78E-03	2.71E-02	0.00E+00	-5.56E-03	4.39E-09	7.70E-08	1.70E-01	6.14E+00	0.00E+00	0.00E+00	2.72E+01	6.03E-02	4.00E+01	0.00E+00	2.62E-07	1.29E-07	7.31E-03	1.30E-06	4.61E+00	0.00E+00	4.00E+01	2.17E-06	4.00E+01	4.30E+01	4.61E+00	0.00E+00	0.00E+00	0.00E+00	9.42E+02
U-TGU608	2.25E-02	5.52E+00	2.23E-01	5.15E+00	0.00E+00	0.00E+00	6.69E+01	1.19E-04	4.83E-03	4.87E-02	0.00E+00	-3.92E-03	9.10E-09	1.44E-07	3.46E-01	1.18E+01	0.00E+00	0.00E+00	4.36E+01	5.53E-02	7.59E+01	0.00E+00	5.40E-07	2.46E-07	1.32E-02	1.34E-06	7.51E+00	0.00E+00	7.59E+01	1.72E-05	7.59E+01	8.48E+01	7.51E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+03
U-TGU806	2.61E-02	6.17E+00	2.51E-01	5.84E+00	0.00E+00	0.00E+00	7.29E+01	1.31E-04	5.93E-03	5.67E-02	0.00E+00	-2.88E-03	9.41E-09	1.60E-07	4.06E-01	1.39E+01	0.00E+00	0.00E+00	4.81E+01	5.53E-02	8.81E+01	0.00E+00	6.53E-07	2.86E-07	1.56E-02	1.38E-06	8.19E+00	0.00E+00	8.81E+01	1.97E-05	8.81E+01	9.92E+01	8.19E+00	0.00E+00	0.00E+00	0.00E+00	1.82E+03
U-TGU808	2.91E-02	6.75E+00	2.61E-01	6.53E+00	0.00E+00	0.00E+00	7.59E+01	1.36E-04	6.68E-03	6.45E-02	0.00E+00	-2.88E-03	9.38E-09	1.68E-07	4.37E-01	1.52E+01	0.00E+00	0.00E+00	4.90E+01	5.54E-02	9.69E+01	0.00E+00	7.27E-07	3.21E-07	1.84E-02	1.43E-06	8.59E+00	0.00E+00	9.69E+01	2.11E-05	9.69E+01	1.07E+02	8.59E+00	0.00E+00	0.00E+00	0.00E+00	1.86E+03
U-TK1008020	2.43E-01	5.65E+01	3.36E+00	4.82E+01	0.00E+00	0.00E+00	8.59E+02	1.52E-03	5.66E-02	5.76E-01	0.00E+00	-1.34E-02	8.78E-08	1.37E-06	4.18E+00	1.44E+02	0.00E+00	0.00E+00	5.40E+02	1.98E-01	7.42E+02	0.00E+00	5.59E-06	2.88E-06	1.53E-01	2.32E-05	9.34E+00	0.00E+00	7.42E+02	1.83E-04	7.42E+02	6.90E+02	9.34E+01	0.00E+00	0.00E+00	0.00E+00	1.74E+04
U-TK1008022	2.45E-01	5.65E+01	3.37E+00	4.83E+01	0.00E+00	0.00E+00	8.77E+02	1.55E-03	5.67E-02	5.78E-01	0.00E+00	-1.34E-02	8.84E-08	1.39E-06	4.31E+00	1.45E+02	0.00E+00	0.00E+00	5.43E+02	2.16E-01	7.53E+02	0.00E+00	5.61E-06	2.89E-06	1.55E-01	2.33E-05	9.34E+00	0.00E+00	7.53E+02	1.84E-04	7.53E+02	6.95E+02	9.34E+01	0.00E+00	0.00E+00	0.00E+00	1.74E+04
U-TK456020	1.98E-01	4.58E+01	2.39E+00	3.88E+01	0.00E+00	0.00E+00	7.15E+02	1.32E-03	4.58E-02	4.79E-01	0.00E+00	-3.89E-03	7.34E-08	1.22E-06	3.53E+00	1.20E+02	0.00E+00	0.00E+00	4.66E+02	5.09E-02	6.18E+02	0.00E+00	4.82E-06	2.38E-06	1.25E-01	7.78E-06	7.64E+01	0.00E+00	6.18E+02	1.53E-04	6.18E+02	6.08E+02	7.64E+01	0.00E+00	0.00E+00	0.00E+00	1.45E+04
U-TK456022	2.12E-01	4.95E+01	2.90E+00	4.37E+01	0.00E+00	0.00E+00	7.50E+02	1.40E-03	4.86E-02	5.15E-01	0.00E+00	-5.70E-03	8.04E-08	1.25E-06	3.62E+00	1.26E+02	0.00E+00	0.00E+00	4.80E+02	7.48E-02	6.67E+02	0.00E+00	4.97E-06	2.54E-06	1.36E-01	8.00E-06	8.04E+01	0.00E+00	6.67E+02	1.66E-04	6.67E+02	6.37E+02	8.04E+01	0.00E+00	0.00E+00	0.00E+00	1.61E+04
U-TK458020	2.15E-01	5.11E+01	3.04E+00	4.44E+01	0.00E+00	0.00E+00	7.57E+02	1.40E-03	4.96E-02	5.24E-01	0.00E+00	-5.70E-03	7.97E-08	1.25E-06	3.70E+00	1.26E+02	0.00E+00	0.00E+00	4.83E+02	7.48E-02	6.76E+02	0.00E+00	5.01E-06	2.57E-06	1.38E-01	9.01E-06	8.28E+01	0.00E+00	6.76E+02	1.68E-04	6.76E+02	6.30E+02	8.28E+01	0.00E+00	0.00E+00	0.00E+00	1.64E+04
U-TK458022	2.17E-01	5.13E+01	3.07E+00	4.45E+01	0.00E+00	0.00E+00	7.67E+02	1.42E-03	4.98E-02	5.30E-01	0.00E+00	-6.43E-03	8.16E-08	1.26E-06	3.74E+00	1.28E+02	0.00E+00	0.00E+00	4.86E+02	8.49E-02	6.87E+02	0.00E+00	5.13E-06	2.60E-06	1.39E-01	1.34E-05	8.30E+01	0.00E+00	6.87E+02	1.70E-04	6.87E+02	6.42E+02	8.30E+01	0.00E+00	0.00E+00	0.00E+00	1.65E+04
U-TK606020	2.11E-01	4.95E+01	2.88E+00	4.35E+01	0.00E+00	0.00E+00	7.48E+02	1.39E-03	4.85E-02	5.09E-01	0.00E+00	-3.88E-03	7.72E-08	1.24E-06	3.62E+00	1.25E+02	0.00E+00	0.00E+00	4.77E+02	5.09E-02	6.63E+02	0.00E+00	4.90E-06	2.53E-06	1.35E-01	7.99E-06	8.02E+01	0.00E+00	6.63E+02	1.64E-04	6.63E+02	6.21E+02	8.02E+01	0.00E+00	0.00E+00	0.00E+00	1.59E+04
U-TK606022	2.16E-01	5.12E+01	3.04E+00	4.44E+01	0.00E+00	0.00E+00	7.57E+02	1.41E-03	4.97E-02	5.27E-01	0.00E+00	-5.70E-03	8.09E-08	1.25E-06	3.67E+00	1.27E+02	0.00E+00	0.00E+00	4.86E+02	7.48E-02	6.79E+02	0.00E+00	5.07E-06	2.58E-06	1.38E-01	8.00E-06	8.24E+01	0.00E+00	6.79E+02	1.69E-04	6.79E+02	6.37E+02	8.24E+01	0.00E+00	0.00E+00	0.00E+00	1.65E+04
U-TK608020	2.16E-01	5.12E+01	3.05E+00	4.44E+01	0.00E+00	0.00E+00	7.60E+02	1.41E-03	4.96E-02	5.26E-01	0.00E+00	-6.43E-03	8.04E-08	1.25E-06	3.73E+00	1.27E+02	0.00E+00	0.00E+00	4.83E+02	8.49E-02	6.81E+02	0.00E+00	5.09E-06	2.59E-06	1.38E-01	1.33E-05	8.30E+01	0.00E+00	6.81E+02	1.69E-04	6.81E+02	6.34E+02	8.30E+01	0.00E+00	0.00E+00	0.00E+00	1.64E+04
U-TK608022	2.22E-01	5.31E+01	3.16E+00	4.54E+01	0.00E+00	0.00E+00	7.82E+02	1.46E-03	5.16E-02	5.40E-01	0.00E+00	-1.01E-02	8.20E-08	1.29E-06	3.84E+00	1.32E+02	0.00E+00	0.00E+00	5.01E+02	1.16E-01	7.01E+02	0.00E+00	5.26E-06	2.67E-06	1.42E-01	1.99E-05	8.58E+01	0.00E+00	7.01E+02	1.73E-04	7.01E+02	6.46E+02	8.58E+01	0.00E+00	0.00E+00	0.00E+00	1.68E+04
U-TK806020	2.15E-01	5.11E+01	3.02E+00	4.42E+01	0.00E+00	0.00E+00	7.54E+02	1.40E-03	4.93E-02	5.22E-01	0.00E+00	-3.89E-03	7.77E-08	1.24E-06	3.69E+00	1.26E+02	0.00E+00	0.00E+00	4.83E+02	5.09E-02	6.76E+02	0.00E+00	5.01E-06	2.57E-06	1.38E-01	8.98E-06	8.22E+01	0.00E+00	6.76E+02	1.66E-04	6.76E+02	6.23E+02	8.22E+01	0.00E+00	0.00E+00	0.00E+00	1.63E+04
U-TK806022	2.17E-01	5.12E+01	3.06E+00	4.44E+01	0.00E+00	0.00E+00	7.60E+02	1.42E-03	4.98E-02	5.30E-01	0.00E+00	-6.43E-03	8.16E-08	1.25E-06	3.72E+00	1.28E+02	0.00E+00	0.00E+00	4.86E+02	8.49E-02	6.86E+02	0.00E+00	5.13E-06	2.60E-06	1.39E-01	1.33E-05	8.25E+01	0.00E+00	6.86E+02	1.70E-04	6.86E+02	6.42E+02	8.25E+01	0.00E+00	0.00E+00	0.00E+00	1.65E+04
U-TK808020	2.21E-01	5.30E+01	3.15E+00	4.54E+01	0.00E+00	0.00E+00	7.82E+02	1.45E-03	5.16E-02	5.37E-01	0.00E+00	-1.01E-02	8.08E-08	1.29E-06	3.84E+00	1.31E+02	0.00E+00	0.00E+00	4.99E+02	1.16E-01	6.97E+02	0.00E+00	5.19E-06	2.66E-06	1.41E-01	1.99E-05	8.58E+01	0.00E+00	6.97E+02	1.72E-04	6.97E+02	6.38E+02	8.58E+01	0.00E+00	0.00E+00	0.00E+00	1.67E+04
U-TK808022	2.24E-01	5.34E+01	3.19E+00	4.57E+01	0.00E+00	0.00E+00	7.90E+02	1.47E-03	5.24E-02	5.43E-01	0.00E+00	-1.01E-02	8.23E-08	1.29E-06	3.88E+00	1.32E+02	0.00E+00	0.00E+00	5.03E+02	1.25E-01	7.07E+02	0.00E+00	5.30E-06	2.71E-06	1.43E-01	2.12E-05	8.65E+01	0.00E+00	7.07E+02	1.74E-04	7.07E+02	6.51E+02	8.65E+01	0.00E+00	0.00E+00	0.00E+00	1.69E+04
U-TKBSB4520	6.67E-02	1.36E+01	1.06E+00	1.29E+01	0.00E+00	0.00E+00	2.14E+02	4.33E-04	1.29E-02	1.38E-01	0.00E+00	-4.74E-02	2.22E-08	4.69E-07	1.16E+00	3.88E+01	0.00E+00	0.00E+00	1.47E+02	5.99E-01	2.35E+02	0.00E+00	1.75E-06	7.76E-07	3.96E-02	1.53E-05	2.48E+01	0.00E+00	2.35E+02	5.00E-05	2.35E+02	2.61E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	5.11E+03
U-TKSB4522	7.06E-02	1.45E+01	1.13E+00	1.37E+01	0.00E+00	0.00E+00	2.27E+02	4.56E-04	1.35E-02	1.47E-01	0.00E+00	-4.86E-02	2.26E-08	4.93E-07	1.22E+00	4.11E+01	0.00E+00	0.00E+00	1.56E+02	6.21E-01	2.49E+02	0.00E+00	1.85E-06	8.23E-07	4.21E-02	1.66E-05	2.63E+01	0.00E+00	2.49E+02	5.32E-05	2.49E+02	2.75E+02	2.63E+01	0.00E+00	0.00E+00	0.00E+00	5.51E+03
U-TKSB6020	9.31E-02	2.02E+01	1.35E+00	1.87E+01	0.00E+00	0.00E+00	2.87E+02	5.73E-04	1.75E-02	1.92E-01	0.00E+00	-4.55E-02	2.39E-08	6.23E-07	1.53E+00	5.10E+01	0.00E+00	0.00E+00	1.93E+02	6.06E-01	3.12E+02	0.00E+00	2.31E-06	1.02E-06	5.28E-02	1.78E-05	3.31E+01	0.00E+00	3.12E+02	6.59E-05	3.12E+02	3.52E+02	3.31E+01	0.00E+00	0.00E+00	0.00E+00	6.92E+03
U-TKSB6022	9.95E-02	2.14E+01	1.41E+00	1.99E+01	0.00E+00	0.00E+00	3.04E+02	6.10E-04	1.87E-02	2.04E-01	0.00E+00	-5.54E-02	2.86E-08	6.64E-07	1.62E+00	5.46E+01	0.00E+00	0.00E+00	2.06E+02	7.32E-01	3.33E+02	0.00E+00	2.47E-06	1.09E-06	5.59E-02	2.07E-05	3.47E+01	0.00E+00	3.33E+02	6.95E-05	3.33E+02	3.76E+02	3.47E+01	0.00E+00	0.00E+00	0.00E+00	7.39E+03
U-TKSB7020	1.05E-01	2.30E+01	1.47E+00	2.12E+01	0.00E+00	0.00E+00	3.27E+02	6.57E-04	2.01E-02	2.22E-01	0.00E+00	-5.63E-02	3.10E-08	7.08E-07	1.74E+00	5.85E+01	0.00E+00	0.00E+00	2.21E+02	7.57E-01	3.58E+02	0.00E+00	2.66E-06	1.17E-06	6.05E-02	2.14E-05	3.74E+01	0.00E+00	3.58E+02	7.52E-05	3.58E+02	4.02E+02	3.74E+01	0.00E+00	0.00E+00	0.00E+00	8.02E+03
U-TKSB7022	1.07E-01	2.32E+01	1.49E+00	2.16E+01	0.00E+00	0.00E+00	3.36E+02	6.68E-04	2.05E-02	2.33E-01	0.00E+00	-5.91E-02	4.03E-08	7.26E-07	1.79E+00	5.97E+01	0.00E+00	0.00E+00	2.24E+02	8.10E-01	3.66E+02	0.00E+00	2.80E-06	1.20E-06	6.18E-02	2.21E-05	3.84E+01	0.00E+00	3.66E+02	7.86E-05	3.66E+02	4.09E+02	3.84E+01	0.00E+00	0.00E+00	0.00E+00	8.30E+03
U-TKSB8020	1.09E-01	2.32E+01	1.59E+00	2.17E+01	0.00E+00	0.00E+00	3.31E+02	6.71E-04	2.00E-02	2.36E-01	0.00E+00	-6.03E-02	3.98E-08	7.24E-07	1.77E+00	5.84E+01	0.00E+00	0.00E+00	2.22E+02	8.10E-01	3.61E+02	0.00E+00	2.78E-06	1.17E-06	6.23E-02	2.26E-05	3.90E+01	0.00E+00	3.61E+02	8.08E-05	3.61E+02	4.06E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	8.54E+03
U-TKSB8022	1.11E-01	2.44E+01	1.60E+00	2.27E+01	0.00E+00	0.00E+00	3.45E+02	6.98E-04	2.11E-02	2.44E-01	0.00E+00	-6.41E-02	4.14E-08	7.55E-07	1.84E+00	6.16E+01	0.00E+00	0.00E+00	2.34E+02	8.47E-01	3.76E+02	0.00E+00	2.90E-06	1.22E-06	6.45E-02	2.57E-05	3.99E+01	0.00E+00	3.76E+02	8.31E-05	3.76E+02	4.25E+02	3.99E+01	0.00E+00	0.00E+00	0.00E+00	8.85E+03
U-TLA8-4X2X40	3.63E-02	5.69E+00	2.20E-01	7.16E+00	0.00E+00	0.00E+00	5.16E+01	7.52E-05	1.23E-02	6.20E-02	0.00E+00	-1.83E-02	2.11E-08	3.77E-07	3.22E-01	1.10E+01	0.00E+00	0.00E+00	6.23E+01	2.39E-01	7.16E+01	0.00E+00	3.58E-07	2.76E-07	1.89E-02	5.53E-06	8.39E+00	0.00E+00	7.16E+01	1.19E-05	7.16E+01	1.14E+02	8.39E+00	0.00E+00	0.00E+00	0.00E+00	2.51E+03
U-TLKSB4520	8.10E-02	1.43E+01	8.72E-01	1.52E+01	0.00E+00	0.00E+00	2.53E+02	5.29E-04	1.44E-02	1.56E-01	0.00E+00	-4.85E-02	2.92E-08	6.17E-07	1.50E+00	4.30E+01	0.00E+00	0.00E+00	1.60E+02	5.82E-01	2.98E+02	0.00E+00	1.85E-06	8.94E-07	4.50E-02	1.49E-05	2.91E+01	0.00E+00	2.98E+02	6.13E-05	2.98E+02	2.92E+02	2.91E+01	0.00E+00	0.00E+00	0.00E+00	6.23E+03
U-TLKSB4522	6.59E-02	1.36E+01	1.05E+00	1.26E+01	0.00E+00	0.00E+00	2.10E+02	4.24E-04	1.27E-02	1.41E-01	0.00E+00	-4.75E-02	2.03E-08	4.59E-07	1.15E+00	3.79E+01	0.00E+00	0.00E+00	1.46E+02	6.03E-01	2.28E+02	0.00E+00	1.70E-06	7.63E-07	3.90E-02	1.58E-05	2.48E+01	0.00E+00	2.28E+02	4.93E-05	2.28E+02	2.56E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	5.05E+03
U-TLKSB6020	9.37E-02	1.66E+01	1.21E+00	1.72E+01	0.00E+00	0.00E+00	2.86E+02	5.97E-04	1.67E-02	1.73E-01	0.00E+00	-4.53E-02	3.00E-08	6.88E-07	1.67E+00	4.96E+01	0.00E+00	0.00E+00	1.85E+02	6.00E-01	3.36E+02	0.00E+00	2.17E-06	1.03E-06	5.27E-02	1.68E-05	3.34E+01	0.00E+00	3.36E+02	6.97E-05	3.36E+02	3.32E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	7.06E+03
U-TLKSB6022	7.66E-02	1.52E+01	1.32E+00	1.41E+01

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U-BBB4080	-6.60E-03	-1.02E+00	1.56E-03	-1.01E+00	0.00E+00	0.00E+00	1.52E+00	-3.16E-04	-9.10E-04	-1.26E-02	0.00E+00	0.00E+00	-1.27E-08	-2.84E-08	2.55E-02	-2.09E+00	0.00E+00	0.00E+00	-2.37E+00	0.00E+00	-5.23E+00	0.00E+00	-1.54E-08	-1.01E-07	-4.30E-03	0.00E+00	-4.31E-01	0.00E+00	-6.23E+00	-1.55E-05	-5.23E+00	1.09E+01	-4.31E-01	0.00E+00	0.00E+00	0.00E+00	7.28E+01
U-BBB4560	-6.79E-03	-1.06E+00	7.66E-04	-1.03E+00	0.00E+00	0.00E+00	1.55E+00	-3.19E-04	-9.98E-04	-1.43E-02	0.00E+00	0.00E+00	-1.31E-08	-3.36E-08	2.47E-02	-2.04E+00	0.00E+00	0.00E+00	-3.47E+00	0.00E+00	-6.52E+00	0.00E+00	-1.70E-08	-1.08E-07	-4.58E-03	0.00E+00	-4.52E-01	0.00E+00	-6.52E+00	-1.68E-05	-6.52E+00	1.21E+01	-4.52E-01	0.00E+00	0.00E+00	0.00E+00	4.28E+01
U-BBB4580	-1.01E-02	-1.13E+00	-9.91E-04	-1.14E+00	0.00E+00	0.00E+00	1.45E+00	-4.29E-04	-1.06E-03	-1.58E-02	0.00E+00	0.00E+00	-1.59E-08	-3.23E-08	2.71E-02	-2.60E+00	0.00E+00	0.00E+00	-5.15E+00	0.00E+00	-5.87E+00	0.00E+00	-2.78E-08	-1.33E-07	-5.82E-03	0.00E+00	-4.03E-01	0.00E+00	-5.87E+00	-1.72E-05	-5.87E+00	1.01E+01	-4.03E-01	0.00E+00	0.00E+00	0.00E+00	-5.60E+01
U-BBB6060	-1.05E-02	-1.21E+00	-2.24E-03	-1.22E+00	0.00E+00	0.00E+00	1.45E+00	-4.63E-04	-1.16E-03	-1.59E-02	0.00E+00	0.00E+00	-1.59E-08	-3.24E-08	2.62E-02	-2.74E+00	0.00E+00	0.00E+00	-5.61E+00	0.00E+00	-6.33E+00	0.00E+00	-2.09E-08	-1.38E-07	-6.03E-03	0.00E+00	-4.34E-01	0.00E+00	-6.33E+00	-1.71E-05	-6.33E+00	8.82E+00	-4.34E-01	0.00E+00	0.00E+00	0.00E+00	-6.75E+01
U-BBB6080	-1.18E-02	-1.08E+00	8.19E-03	-1.09E+00	0.00E+00	0.00E+00	1.94E+00	-4.64E-04	-8.71E-04	-1.46E-02	0.00E+00	0.00E+00	-1.51E-08	-2.21E-08	4.16E-02	-1.39E+00	0.00E+00	0.00E+00	-3.88E+00	0.00E+00	-5.33E+00	0.00E+00	-1.37E-08	-1.25E-07	-7.99E-03	0.00E+00	-3.74E-01	0.00E+00	-5.33E+00	-1.71E-05	-5.33E+00	1.65E+01	-3.74E-01	0.00E+00	0.00E+00	0.00E+00	-1.12E+01
U-BBB7060	-1.02E-02	-1.23E+00	-4.11E-03	-1.25E+00	0.00E+00	0.00E+00	1.33E+00	-4.83E-04	-1.00E-03	-1.60E-02	0.00E+00	0.00E+00	-1.72E-08	-3.13E-08	2.59E-02	-2.29E+00	0.00E+00	0.00E+00	-5.51E+00	0.00E+00	-6.32E+00	0.00E+00	-1.95E-08	-1.39E-07	-7.97E-03	0.00E+00	-4.08E-01	0.00E+00	-6.32E+00	-1.93E-05	-6.32E+00	1.06E+01	-4.08E-01	0.00E+00	0.00E+00	0.00E+00	-5.58E+01
U-BBB7080	-1.14E-02	-5.96E-01	3.74E-02	-6.44E-01	0.00E+00	0.00E+00	3.63E+00	-4.47E-04	-3.46E-04	-4.01E-03	0.00E+00	0.00E+00	-8.77E-09	4.02E-09	4.63E-02	-7.12E-01	0.00E+00	0.00E+00	-2.45E-01	0.00E+00	-3.02E+00	0.00E+00	1.98E-08	-5.81E-08	-6.71E-03	0.00E+00	-2.94E-01	0.00E+00	-3.02E+00	-1.30E-05	-3.02E+00	2.88E+01	-2.94E-01	0.00E+00	0.00E+00	0.00E+00	2.04E+02
U-BBB8060	-1.20E-02	-6.86E-01	1.93E-02	-6.91E-01	0.00E+00	0.00E+00	2.86E+00	-4.55E-04	-5.24E-04	-1.08E-02	0.00E+00	0.00E+00	-1.24E-08	-1.31E-08	4.04E-02	2.00E-01	0.00E+00	0.00E+00	-2.18E+00	0.00E+00	-4.17E+00	0.00E+00	1.58E-08	-1.14E-07	-7.01E-03	0.00E+00	-3.10E-01	0.00E+00	-4.17E+00	-1.44E-05	-4.17E+00	2.29E+01	-3.10E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
U-BBB8080	-1.40E-02	-1.32E+00	2.82E-03	-1.29E+00	0.00E+00	0.00E+00	1.07E+00	-5.67E-04	-1.16E-03	-1.59E-02	0.00E+00	0.00E+00	-2.07E-08	-3.79E-08	2.47E-02	-1.55E+00	0.00E+00	0.00E+00	-4.71E+00	0.00E+00	-1.02E+01	0.00E+00	-2.67E-08	-1.57E-07	-1.08E-02	0.00E+00	-4.59E-01	0.00E+00	-1.02E+01	-3.23E-05	-1.02E+01	1.69E+01	-4.59E-01	0.00E+00	0.00E+00	0.00E+00	-1.81E+02
U-BBB8560	-1.14E-02	-6.25E-01	3.56E-02	-6.65E-01	0.00E+00	0.00E+00	3.63E+00	-4.47E-04	-3.58E-04	-5.52E-03	0.00E+00	0.00E+00	-8.89E-09	3.55E-11	4.52E-02	-7.11E-01	0.00E+00	0.00E+00	-3.11E-01	0.00E+00	-3.78E+00	0.00E+00	1.96E-08	-8.06E-08	-6.88E-03	0.00E+00	-2.94E-01	0.00E+00	-3.78E+00	-1.30E-05	-3.78E+00	2.83E+01	-2.94E-01	0.00E+00	0.00E+00	0.00E+00	1.99E+02
U-BBB8580	-1.53E-02	-1.41E+00	-6.18E-04	-1.46E+00	0.00E+00	0.00E+00	7.67E-01	-5.69E-04	-1.17E-03	-1.86E-02	0.00E+00	0.00E+00	-2.01E-08	-4.76E-08	2.06E-02	-1.64E+00	0.00E+00	0.00E+00	-4.39E+00	0.00E+00	-1.08E+01	0.00E+00	-2.96E-08	-1.84E-07	-1.23E-02	0.00E+00	-9.80E-01	0.00E+00	-1.08E+01	-3.21E-05	-1.08E+01	1.52E+01	-9.80E-01	0.00E+00	0.00E+00	0.00E+00	-3.09E+02
U-BBBMUN11060	-3.84E-03	-1.82E+01	1.19E-01	-1.58E+01	0.00E+00	0.00E+00	3.06E+01	-1.66E-03	-8.72E-04	-2.46E-02	0.00E+00	0.00E+00	-1.55E-08	-6.25E-08	7.93E-02	-6.43E-01	0.00E+00	0.00E+00	-3.18E+00	0.00E+00	-1.26E+02	0.00E+00	1.21E-07	-2.15E-07	-1.28E-02	0.00E+00	-4.87E+00	0.00E+00	-1.26E+02	-6.56E-05	-1.26E+02	2.86E+01	-4.87E+00	0.00E+00	0.00E+00	0.00E+00	-1.26E+02
U-BBBMUN11080	-1.03E-02	-1.83E+01	1.24E-01	-1.59E+01	0.00E+00	0.00E+00	3.12E+01	-1.78E-03	-1.02E-03	-2.87E-02	0.00E+00	0.00E+00	-1.69E-08	-7.11E-08	9.23E-02	-1.28E+00	0.00E+00	0.00E+00	-5.25E+00	0.00E+00	-1.27E+02	0.00E+00	1.10E-07	-2.43E-07	-1.45E-02	0.00E+00	-4.88E+00	0.00E+00	-1.27E+02	-6.99E-05	-1.27E+02	3.08E+01	-4.88E+00	0.00E+00	0.00E+00	0.00E+00	-2.17E+02
U-BBBMUN13560	-9.52E-03	-1.35E+01	1.13E-01	-1.18E+01	0.00E+00	0.00E+00	3.03E+01	-1.64E-03	-1.27E-03	-3.06E-02	0.00E+00	0.00E+00	-2.13E-08	-8.32E-08	7.96E-02	-2.11E+00	0.00E+00	0.00E+00	-5.69E+00	0.00E+00	-4.85E+01	0.00E+00	1.05E-07	-2.37E-07	-1.42E-02	0.00E+00	2.29E+01	0.00E+00	-4.85E+01	-7.79E-05	-4.85E+01	2.58E+01	2.29E+01	0.00E+00	0.00E+00	0.00E+00	-2.90E+02
U-BBBMUN13580	-1.18E-02	-1.35E+01	1.18E-01	-1.19E+01	0.00E+00	0.00E+00	3.46E+01	-1.82E-03	-1.22E-03	-2.44E-02	0.00E+00	0.00E+00	-2.15E-08	-8.25E-08	8.74E-02	-1.63E+00	0.00E+00	0.00E+00	-4.15E+00	0.00E+00	-4.95E+01	0.00E+00	1.62E-07	-2.21E-07	-1.49E-02	0.00E+00	2.31E+01	0.00E+00	-4.95E+01	-7.83E-05	-4.95E+01	2.56E+01	2.31E+01	0.00E+00	0.00E+00	0.00E+00	-3.02E+02
U-BBBMUN6060	-5.18E-03	7.88E-01	1.47E-01	7.39E-01	0.00E+00	0.00E+00	3.28E+01	-3.88E-04	6.13E-05	-5.72E-04	0.00E+00	0.00E+00	-1.00E-08	-1.52E-08	1.35E-01	-8.95E+01	0.00E+00	0.00E+00	2.47E+00	0.00E+00	2.88E+01	0.00E+00	1.81E-07	-6.42E-08	-1.77E-03	0.00E+00	-5.12E+00	0.00E+00	2.88E+01	-2.07E-05	2.88E+01	2.73E+01	-5.12E+00	0.00E+00	0.00E+00	0.00E+00	-6.31E+01
U-BBBMUN6080	-3.65E-03	1.51E-01	7.59E-02	3.39E-01	0.00E+00	0.00E+00	1.73E+01	-7.58E-04	-5.23E-04	-5.20E-03	0.00E+00	0.00E+00	-1.46E-08	-6.01E-08	6.84E-02	-3.75E+00	0.00E+00	0.00E+00	3.93E+00	0.00E+00	6.40E+00	0.00E+00	1.07E-07	-1.18E-07	-7.21E-03	0.00E+00	-3.44E+00	0.00E+00	6.40E+00	-3.12E-05	6.40E+00	1.90E+01	-3.44E+00	0.00E+00	0.00E+00	0.00E+00	-1.11E+01
U-BBBMUN8560	-1.37E-03	-1.63E+01	1.20E-01	-1.43E+01	0.00E+00	0.00E+00	2.81E+01	-1.55E-03	-1.28E-04	-1.65E-02	0.00E+00	0.00E+00	-1.17E-08	-3.85E-08	9.32E-02	6.10E-01	0.00E+00	0.00E+00	9.73E-01	0.00E+00	-1.26E+02	0.00E+00	1.32E-07	-1.60E-07	-6.88E-03	0.00E+00	-8.19E+00	0.00E+00	-1.26E+02	-6.25E-05	-1.26E+02	3.26E+01	-8.19E+00	0.00E+00	0.00E+00	0.00E+00	3.46E+00
U-BBBMUN8580	-6.25E-03	-1.68E+01	1.21E-01	-1.48E+01	0.00E+00	0.00E+00	2.85E+01	-1.71E-03	-5.90E-04	-2.19E-02	0.00E+00	0.00E+00	-1.52E-08	-5.05E-08	1.10E-01	-1.27E+00	0.00E+00	0.00E+00	-1.92E+00	0.00E+00	-1.27E+02	0.00E+00	1.19E-07	-1.99E-07	-9.18E-03	0.00E+00	-4.42E+00	0.00E+00	-1.27E+02	-6.56E-05	-1.27E+02	3.34E+01	-4.42E+00	0.00E+00	0.00E+00	0.00E+00	-1.47E+02
U-BBH10060	-5.43E-03	-1.08E+00	-5.62E-03	-1.06E+00	0.00E+00	0.00E+00	1.29E+00	-3.11E-04	-9.36E-04	-1.11E-02	0.00E+00	0.00E+00	-1.10E-08	-2.15E-08	3.80E-03	-5.51E-01	0.00E+00	0.00E+00	-4.99E+00	0.00E+00	-6.01E+00	0.00E+00	-1.49E-08	-8.82E-08	-3.70E-03	0.00E+00	-5.39E-01	0.00E+00	-6.01E+00	-1.50E-05	-6.01E+00	-1.70E+01	-5.39E-01	0.00E+00	0.00E+00	0.00E+00	-2.50E+02
U-BBH10080	-1.13E-02	-1.18E+00	-1.06E-02	-1.23E+00	0.00E+00	0.00E+00	1.73E+00	-5.36E-04	-1.27E-03	-2.07E-02	0.00E+00	0.00E+00	-1.54E-08	-4.81E-08	-4.18E-04	-2.18E+00	0.00E+00	0.00E+00	-8.03E+00	0.00E+00	-7.03E+00	0.00E+00	-1.67E-08	-1.50E-07	-1.10E-02	0.00E+00	-5.43E-01	0.00E+00	-7.03E+00	-2.23E-05	-7.03E+00	-2.04E+01	-5.43E-01	0.00E+00	0.00E+00	0.00E+00	-4.04E+02
U-BBH11060	-1.41E-02	-1.52E+00	-1.07E-02	-1.59E+00	0.00E+00	0.00E+00	3.30E+00	-5.37E-04	-1.25E-03	-2.04E-02	0.00E+00	0.00E+00	-1.84E-08	-5.41E-08	2.15E-03	-2.63E+00	0.00E+00	0.00E+00	-6.88E+00	0.00E+00	-1.09E+01	0.00E+00	-4.30E-14	-1.60E-07	-1.02E-02	0.00E+00	-4.84E-01	0.00E+00	-1.09E+01	-2.87E-05	-1.09E+01	-1.13E+01	-4.84E-01	0.00E+00	0.00E+00	0.00E+00	-4.92E+02
U-BBH11080	-2.11E-03	1.36E+00	3.08E-02	1.02E+00	0.00E+00	0.00E+00	8.06E+00	-5.23E-04	-1.18E-03	1.60E-02	0.00E+00	0.00E+00	-1.71E-08	1.92E-08	2.93E-02	-4.72E+01	0.00E+00	0.00E+00	-3.85E+00	0.00E+00	2.93E+01	0.00E+00	1.03E-07	7.83E-08	-2.68E-03	0.00E+00	-3.64E-01	0.00E+00	2.93E+01	-2.95E-05	2.93E+01	2.85E+00	-3.64E-01	0.00E+00	0.00E+00	0.00E+00	-3.68E+02
U-BBH13560	-1.26E-02	-1.24E+00	-9.62E-03	-1.51E+00	0.00E+00	0.00E+00	8.33E+00	-5.01E-04	-1.22E-03	-1.11E-02	0.00E+00	0.00E+00	-2.10E-08	-4.66E-08	1.20E-02	-5.02E-01	0.00E+00	0.00E+00	-4.23E+00	0.00E+00	-1.02E+01	0.00E+00	7.48E-09	-1.48E-07	-7.97E-03	0.00E+00	-1.09E-01	0.00E+00	-1.02E+01	-2.78E-05	-1.02E+01	-7.17E+00	-1.09E-01	0.00E+00	0.00E+00	0.00E+00	-4.70E+02
U-BBH13580	-2.44E-02	-2.07E+00	-1.43E-02	-2.09E+00	0.00E+00	0.00E+00	4.35E-01	-9.05E-04	-1.86E-03	-1.52E-02	0.00E+00	0.00E+00	-3.91E-08	-1.16E-08	-5.04E-03	-5.28E+01	0.00E+00	0.00E+00	-1.03E+01	0.00E+00	-5.65E+00	0.00E+00	3.51E-08	-1.72E-07	-8.60E-03	0.00E+00	-7.45E-01	0.00E+00	-5.65E+00	-7.26E-05	-5.65E+00	-1.96E+01	-7.45E-01	0.00E+00	0.00E+00	0.00E+00	-4.70E+02
U-BBH16060	-3.75E-03	5.83E-01	2.81E-02	3.39E-01	0.00E+00	0.00E+00	1.35E+01	-5.76E-04	-1.17E-03	3.53E-03	0.00E+00	0.00E+00	-2.05E-08	8.49E-10	1.97E-02	-4.92E+01	0.00E+00	0.00E+00	-2.99E+00	0.00E+00	1.34E+01	0.00E+00	1.42E-07	-1.49E-09	-4.32E-03	0.00E+00	2.22E+00	0.00E+00	1.34E+01	-2.95E-05	1.34E+01	5.61E+00	2.22E+00	0.00E+00	0.00E+00	0.00E+00	-3.48E+02
U-BBH16080	-2.21E-02	-4.27E-01	-2.39E-02	-5.53E-01	0.00E+00	0.00E+00	-7.82E+00	-1.16E-03	-3.80E-04	-1.86E-02	0.00E+00	0.00E+00	-3.72E-08	-4.24E-08	1.29E-02	2.47E+00	0.00E+00	0.00E+00	-1.46E+01	0.00E+00	2.06E+01	0.00E+00	8.67E-08	-2.02E-07	-1.20E-02	0.00E+00	1.23E+00	0.00E+00	2.06E+01	-6.54E-05	2.06E+01	-1.92E+01	1.23E+00	0.00E+00	0.00E+00	0.00E+00	-4.65E+02
U-BBH4060	-2.64E-03	-9.76E-01	2.63E-03	-9.46E-01	0.00E+00	0.00E+00	1.21E+00	-2.21E-04	-5.97E-04	-7.32E-03	0.00E+00	0.00E+00	-5.26E-09	-7.52E-09	4.45E-03	4.64E-01	0.00E+00	0.00E+00	-3.74E+00	0.00E+00	-5.61E+00	0.00E+00	-1.49E-08	-7.66E-08	-3.37E-03	0.00E+00	-4.61E-01	0.00E+00	-5.61E+00	-1.26E-05	-5.61E+00	-5.49E+00	-4.61E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
U-BBH4080	-5.36E-03	-1.03E+00	-2.80E-03	-1.04E+00	0.00E+00	0.00E+00	1.23E+00	-2.86E-04	-7.57E-04	-9.81E-03	0.00E+00	0.00E+00	-8.54E-09	-2.28E-08	4.96E-03	-3.11E-01	0.00E+00	0.00E+00	-4.38E+00	0.00E+00	-5.77E+00	0.00E+00	-1.49E-08	-8.46E-08	-3.74E-03	0.00E+00	-5.12E-01	0.00E+00	-5.77E+00	-1.45E-05	-5.77E+00	-1.28E+01	-5.12E-01	0.00E+00	0.00E+00	0.00E+00	-2.07E+02
U-BBH4560	-6.50E-03	-1.07E+00	-2.49E-03	-1.07E+00	0.00E+00	0.00E+00	1.07E+00	-3.58E-04	-8.34E-04	-1.58E-02	0.00E+00	0.00E+00	-9.05E-09	-3.13E-08	3.47E-03	-1.97E+00	0.00E+00	0.00E+00	-5.18E+00	0.00E+00	-6.12E+00	0.00E+00	-1.93E-08	-1.37E-07	-7.24E-03	0.00E+00	-4.60E-01	0.00E+00	-6.12E+00	-1.58E-05	-6.12E+00	-1.17E+01	-4.60E-01	0.00E+00	0.00E+00	0.00E+00	-2.33E+02
U-BBH4580	-5.26E-03	-1.05E+00	-2.80E-03	-1.02E+00	0.00E+00	0.00E+00	1.29E+00	-2.85E-04	-8.06E-04	-1.01E-02	0.00E+00	0.00E+00	-8.69E-09	-1.82E-08	4.96E-03	-3.87E-01	0.00E+00	0.00E+00	-4.42E+00	0.00E+00	-5.80E+00	0.00E+00	-1.49E-08	-8.42E-08	-3.45E-03	0.00E+00	-5.35E-01	0.00E+00	-5.80E+00	-1.41E-05	-5.80E+00	-1.51E+01	-5.35E-01	0.00E+00	0.00E+00	0.00E+00	-2.18E+02
U-BBH6060	-4.85E-03	-9.77E-01	-2.56E-04	-9.43E-01	0.00E+00	0.00E+00	1.23E+00	-2.26E-04	-6.86E-04	-8.67E-03	0.00E+00	0.00E+00	-6.65E-09	-1.49E-08	4.45E-03	-2.09E-01	0.00E+00	0.00E+00	-3.68E+00	0.00E+00	-5.61E+00	0.00E+00	-1.49E-08	-7.93E-08	-3.33E-03	0.00E+00	-4.70E-01	0.00E+00	-5.61E+00	-1.24E-05	-5.61E+00	-1.11E+01	-4.70E-01	0.00E+00	0.00E+00	0.00E+00	-1.71E+02
U-BBH6080	-1.56E-02	-1.90E+00	-1.20E-02	-2.11E+00	0.00E+00	0.00E+00	6.60E+00	-5.75E-04	-1.36E-03	-1.90E-02	0.00E+00	0.00E+00	-2.20E-08	-5.95E-08	8.23E-03	-1.67E+00	0.00E+00	0.00E+00	-4.85E+00	0.00E+00	-1.52E+01	0.00E+00	8.20E-08	-1.77E-07	-1.11E-02	0.00E+00	-4.96E-01	0.00E+00	-1.52E+01	-3.63E-05	-1.52E+01	-1.62E+01	-4.96E-01	0.00E+00	0.00E+00	0.00E+00	-5.24E+02
U-BBH7060	-5.16E-03	-9.72E-01	-1.20E-03	-9.45E-01	0.00E+00	0.00E+00	1.23E+00	-2.44E-04	-7.36E-04	-9.44E-03	0.00E+00	0.00E+00	-8.51E-09	-1.91E-08	4.96E-03	-3.12E-01	0.00E+00	0.00E+00	-4.00E+00	0.00E+00	-5.61E+00	0.00E+00	-1.49E-08	-7.98E-08	-3.46E-03	0.00E+00	-4.70E-01	0.00E+00	-5.61E+00	-1.27E-05	-5.61E+00	-1.23E+01	-4.70E-01	0.00E+00	0.00E+00	0.00E+00	-1.95E+02
U-BBH7080	-6.11E-03	-9.51E-01	7.08E-03	-9.94E-01	0.00E+00	0.00E+00	2.02E+00	-4.51E-04	-8.19E-04	-1.58E-02	0.00E+00	0.00E+00	-9.97E-09	-3.28E-08	4.55E-03	-2.00E+00	0.00E+00	0.00E+00	-6.05E+00	0.00E+00	-5.41E+00	0.00E+00	-1.34E-08	-1.06E-07	-9.29E-03	0.00E+00	-4.63E-01	0.00E+00	-5.41E+00	-1.87E-05	-5.41E+00	-6.73E+00	-4.63E-01	0.00E+00	0.00E+00	0.00E+00	-2.04E+02
U-BBH8060	-5.38E-03	-1.01E+00	-1.97E-03	-9.97E-01	0.00E+00	0.00E+00	1.23E+00	-2.79E-04	-7.84E-04	-9.86E-03	0.00E+00	0.00E+00	-8.71E-09	-2.08E-08	4.96E-03	-2.14E-01	0.00E+00	0.00E+00	-4.29E+00	0.00E+00	-5.77E+00	0.00E+00	-1.49E-08	-8.48E-08	-3.46E-03	0.00E+00	-4.97E-01	0.00E+00	-5.77E+00	-1.41E-05	-5.77E+00	-1.37E+01	-4.97E-01	0.00E+00	0.00E+00	0.00E+00	-2.08E+02
U-BBH8080	-6.17E-03	-9.66E-01	5.88E-03	-1.02E+00	0.00E+00	0.00E+00	2.02E+00	-4.58E-04	-8.38E-04	-1.59E-02	0.00E+00	0.00E+00	-1.01E-08	-3.39E-08	3.32E-03	-2.08E+00	0.00E+00	0.00E+00	-6.22E+00	0.00E+00	-5.58E+00	0.00E+00	-1.47E-08	-1.09E-07	-9.29E-03	0.00E+00	-4.76E-01	0.00E+00	-5.58E+00	-1.90E-05	-5.58E+00	-6.87E+00	-4.76E-01	0.00E+00	0.00E+00	0.00E+00	-2.14E+02
U-BBH8560	-5.43E-03	-1.00E+00	-2.19E-03	-9.93E-01	0.00E+00	0.00E+00	1.23E+00	-2.81E-04	-7.85E-04	-9.95E-03	0.00E+00	0.00E+00	-8.47E-09	-1.82E-08	4.96E-03	-3.25E-01	0.00E+00	0.00E+00	-4.42E+00	0.00E+00	-5.77E+00	0.00E+00	-1.49E-08	-8.35E-08	-3.42E-03	0.00E+00	-4.97E-01	0.00E+00	-5.77E+00	-1.41E-05	-5.77E+00	-1.38E+01	-4.97E-01	0.00E+00	0.00E+00	0.00E+00	-2.06E+02
U-BBH8580	-9.52E-03	-1.16E+00	-7.45E-03	-1.24E+00	0.00E+00	0.00E+00	1.90E+00	-5.26E-04	-1.18E-03	-1.98E-02	0.00E+00	0.00E+00	-1.39E-08	-4.63E-08	8.55E-04	-2.29E+00	0.00E+00	0.00E+00	-7.35E+00	0.00E+00	-6.19E+00	0.00E+00	-1.56E-08	-1.45E-07	-9.83E-03	0.00E+00	-5.36E-01	0.00E+00	-6.19E+00	-2.21E-05	-6.19E+00	-1.92E+01	-5.36E-01	0.00E+00	0.00E+00	0.00E+00	-3.87E+02
U-BBHK10060	-5.11E-04	-8.21E-01	1.58E-02	-8.22E-01	0.00E+00	0.00E+00	2.41E+00	-3.10E-04	-4.30E-04	-4.99E-03	0.00E+00	0.00E+00	-6.60E-09	-8.36E-09	1.82E-02	-2.01E-01	0.00E+00	0.00E+00	-1.50E+00	0.00E+00	-4.26E+00	0.00E+00	-2.49E-09	-5.86E-08	-3.34E-03	0.00E+00	-5.31E-01	0.00E+00	-4.26E+00	-1.17E-05	-4.26E+00	-1.56E+00	-5.31E-01	0.00E+00	0.00E+00	0.00E+00	-9.76E+01
U-BBHK10080	-1.60E-02	-2.04E+00	-1.68E-02	-2.09E+00	0.00E+00	0.00E+00	1.36E+00	-7.80E-04	-1.81E-03	-2.93E-02	0.00E+00	0.00E+00	-2.28E-08	-7.88E-08	-2.32E-03	-3.30E+00	0.00E+00	0.00E+00	-8.60E+00	0.00E+00	-1.33E+01	0.00E+00	-2.77E-08	-2.21E-07	-1.45E-02	0.00E+00	-5.75E-01	0.00E+00	-1.33E+01	-4.21E-05	-1.33E+01	-2.00E+01	-5.75E-01	0.00E+00	0.00E+00	0.00E+00	-6.83E+02
U-BBHK11060	-1.22E-02	-1.39E+00	-3.36E-03	-1.39E+00	0.00E+00	0.00E+00	1.09E+00	-6.70E-04	-1.30E-03	-2.15E-02	0.00E+00	0.00E+00	-1.41E-08	-4.36E-08	4.15E-03	-5.31E+00	0.00E+00	0.00E+00	-6.90E+00	0.00E+00	-7.61E+00	0.00E+00	-1.24E-08	-1.59E-07	-1.05E-02	0.00E+00	-4.63E-01	0.00E+00	-7.61E+00	-3.32E-05	-7.61E+00	-1.03E+01	-4.63E-01	0.00E+00	0.00E+00	0.00E+00	-3.13E+02
U-BBHK11080	-1.34E-02	-1.68E+00	-1.63E-02	-1.71E+00	0.00E+00	0.00E+00	5.23E-02	-5.65E-04	-1.51E-03	-2.37E-02	0.00E+00	0.00E+00	-2.05E-08	-6.88E-08	-6.41E-03	-2.88E+00	0.00E+00	0.00E+00	-7.57E+00	0.00E+00	-1.29E+01	0.00E+00	-3.61E-08	-1.77E-07	-9.73E-03	0.00E+00	-6.17E-01	0.00E+00	-1.29E+01	-3.32E-05	-1.29E+01	-1.63E+01	-6.17E-01	0.00E+00	0.00E+00	0.00E+00	-5.73E+02
U-BBHK12060	-1.33E-02	-1.16E+00	2.49E-02	-1.21E+00	0.00E+00	0.00E+00	3.96E+00	-7.20E-04	-9.06E-04	-1.52E-02	0.00E+00	0.00E+00	-1.16E-08	-2.88E-08	2.51E-02	-1.41E+00	0.00E+00	0.00E+00	-2.48E+00	0.00E+00	-4.32E+00	0.00E+00	4.92E-09	-1.48E-07	-1.21E-02	0.00E+00	-5.07E-01	0.00E+00	-4.32E+00	-3.15E-05	-4.32E+00	-1.68E+00	-5.07E-01	0.00E+00	0.00E+00	0.00E+00	-1.55E+02
U-BBHK12080	-1.35E-02	-1.68E+00	-1.63E-02	-1.71E+00	0.00E+00	0.00E+00	5.23E-02	-5.67E-04	-1.51E-03	-2.37E-02	0.00E+00	0.00E+00	-2.06E-08	-6.88E-08	-6.41E-03	-2.86E+00	0.00E+00	0.00E+00	-7.57E+00	0.00E+00	-1.29E+01	0.00E+00	-3.61E-08	-1.77E-07	-9.73E-03	0.00E+00	-6.17E-01	0.00E+00	-1.29E+01	-3.35E-05	-1.29E+01	-1.63E+01	-6.17E-01	0.00E+00	0.00E+00	0.00E+00	-5.73E+02
U-BBHK13060	-1.47E-02	-1.19E+00	2.69E-02	-1.24E+00	0.00E+00	0.00E+00	3.89E+00	-7.26E-04	-9.02E-04	-1.60E-02	0.00E+00	0.00E+00	-1.34E-08	-2.78E-08	3.01E-02	-1.32E+00	0.00E+00	0.00E+00	-2.47E+00	0.00E+00	-4.69E+00	0.00E+00	7.19E-09	-1.54E-07	-1.22E-02	0.00E+00	-5.07E-01	0.00E+00	-4.69E+00	-3.23E-05	-4.69E+00	-2.63E+00	-5.07E-01	0.00E+00	0.00E+00	0.00E+00	-1.98E+02
U-BBHK13080	-1.35

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U-MD2M7060	-2.67E-03	1.24E+00	3.64E-02	8.49E-01	0.00E+00	0.00E+00	1.08E+01	-5.09E-04	-6.81E-04	8.76E-03	0.00E+00	0.00E+00	-1.66E-08	1.58E-08	3.08E-02	5.71E+00	0.00E+00	0.00E+00	-1.91E+00	0.00E+00	2.93E+01	0.00E+00	7.43E-06	6.36E-06	-4.03E-03	0.00E+00	-6.93E-02	0.00E+00	2.93E+01	-3.34E-05	2.93E+01	2.64E+00	-6.93E-02	0.00E+00	0.00E+00	0.00E+00	-2.72E+02
U-MD2M7080	-3.63E-02	-5.38E+00	-4.25E-03	-5.37E+00	0.00E+00	0.00E+00	-4.67E+00	-1.84E-03	-4.04E-03	-4.08E-02	0.00E+00	0.00E+00	-4.87E-08	-1.23E-07	7.99E-04	-6.48E+01	0.00E+00	0.00E+00	-2.62E+01	0.00E+00	-1.52E+01	0.00E+00	2.70E-08	-3.55E-07	-3.12E-02	0.00E+00	-1.26E+01	0.00E+00	-1.52E+01	-1.08E-04	-1.52E+01	-6.67E+01	-1.26E+01	0.00E+00	0.00E+00	0.00E+00	-1.14E+03
U-MD2M8060	-1.65E-02	-4.38E-01	-2.42E-02	-7.39E-01	0.00E+00	0.00E+00	-2.21E+00	-1.25E-03	-6.27E-04	-1.68E-02	0.00E+00	0.00E+00	-3.36E-08	-4.03E-08	3.89E-02	-1.34E+00	0.00E+00	0.00E+00	-1.01E+01	0.00E+00	2.47E+01	0.00E+00	8.72E-08	-1.89E-07	-1.33E-02	0.00E+00	3.23E-01	0.00E+00	2.47E+01	-6.81E-05	2.47E+01	-3.69E+01	3.23E-01	0.00E+00	0.00E+00	0.00E+00	-4.12E+02
U-MD2M8080	-6.45E-02	-1.12E+01	-6.48E-02	-1.13E+01	0.00E+00	0.00E+00	-8.89E+00	-2.84E-03	-7.63E-03	-8.53E-02	0.00E+00	0.00E+00	-5.47E-08	-2.81E-07	-7.40E-02	-6.54E+01	0.00E+00	0.00E+00	-4.49E+01	0.00E+00	-7.43E+01	0.00E+00	-3.04E-07	-7.31E-07	-4.32E-02	0.00E+00	-1.42E+01	0.00E+00	-7.43E+01	-1.48E-04	-7.43E+01	-1.16E+02	-1.42E+01	0.00E+00	0.00E+00	0.00E+00	-1.28E+03
U-MD2M8560	-1.00E-02	-1.14E-02	1.01E-02	-3.22E-01	0.00E+00	0.00E+00	5.87E+00	-1.18E-03	-3.58E-04	-7.87E-03	0.00E+00	0.00E+00	-3.05E-08	-1.69E-08	1.09E-01	-6.50E+00	0.00E+00	0.00E+00	-8.02E+00	0.00E+00	3.34E+01	0.00E+00	2.28E-07	-1.88E-07	-1.41E-02	0.00E+00	9.64E-01	0.00E+00	3.34E+01	-6.22E-05	3.34E+01	-3.05E+01	9.64E-01	0.00E+00	0.00E+00	0.00E+00	-3.56E+02
U-MD2M8580	-6.44E-02	-1.14E+01	-7.44E-02	-1.17E+01	0.00E+00	0.00E+00	-9.96E+00	-2.88E-03	-7.74E-03	-9.07E-02	0.00E+00	0.00E+00	-7.17E-08	-2.75E-07	-6.79E-02	-6.69E+01	0.00E+00	0.00E+00	-4.74E+01	0.00E+00	-7.54E+01	0.00E+00	-3.50E-07	-7.91E-07	-4.51E-02	0.00E+00	-1.45E+01	0.00E+00	-7.54E+01	-1.52E-04	-7.54E+01	-1.23E+02	-1.45E+01	0.00E+00	0.00E+00	0.00E+00	-1.32E+03
U-MD2M9060	-1.10E-02	-1.50E-01	1.85E-02	-3.82E-01	0.00E+00	0.00E+00	4.45E+00	-1.16E-03	-3.79E-04	-4.29E-03	0.00E+00	0.00E+00	-2.93E-08	-1.31E-08	8.79E-02	-5.74E+00	0.00E+00	0.00E+00	-7.71E+00	0.00E+00	3.26E+01	0.00E+00	2.42E-07	-1.48E-07	-1.74E-02	0.00E+00	1.07E+00	0.00E+00	3.26E+01	-6.30E-05	3.26E+01	-3.03E+01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	-4.87E+02
U-MD2M9080	-6.13E-02	-1.12E+01	-5.63E-02	-1.12E+01	0.00E+00	0.00E+00	4.35E+00	-2.97E-03	-7.30E-03	-8.37E-02	0.00E+00	0.00E+00	-5.95E-08	-2.85E-07	-4.96E-02	-6.73E+01	0.00E+00	0.00E+00	-3.91E+01	0.00E+00	-5.01E+01	0.00E+00	-2.53E-07	-7.88E-07	-4.37E-02	0.00E+00	-1.45E+01	0.00E+00	-5.01E+01	-1.57E-04	-5.01E+01	-1.24E+02	-1.45E+01	0.00E+00	0.00E+00	0.00E+00	-1.04E+03
U-MDK10060	9.62E-03	1.30E+00	1.24E-01	1.41E+00	0.00E+00	0.00E+00	2.70E+01	-4.34E-04	1.73E-03	1.84E-02	0.00E+00	0.00E+00	-1.64E-08	-1.64E-08	1.60E-01	-9.17E+00	0.00E+00	0.00E+00	2.23E+01	0.00E+00	4.04E+01	0.00E+00	2.01E-07	-5.34E-08	-4.25E-03	0.00E+00	-1.88E+00	0.00E+00	4.04E+01	-2.97E-06	4.04E+01	4.80E+01	-1.88E+00	0.00E+00	0.00E+00	0.00E+00	6.58E+02
U-MDK10080	-3.48E-02	-8.54E+00	-4.91E-02	-8.26E+00	0.00E+00	0.00E+00	-1.37E+01	-1.95E-03	-5.51E-03	-6.36E-02	0.00E+00	0.00E+00	-6.54E-08	-1.39E-07	-4.40E-01	-3.61E+00	0.00E+00	0.00E+00	-5.46E+01	0.00E+00	-7.57E+01	0.00E+00	2.42E-07	-5.17E-07	-2.53E-02	0.00E+00	-2.27E+00	0.00E+00	-7.57E+01	-1.13E-04	-7.57E+01	-1.11E+02	-5.27E+01	0.00E+00	0.00E+00	0.00E+00	-2.28E+03
U-MDK11060	-5.35E-02	-1.08E+01	-7.16E-02	-1.09E+01	0.00E+00	0.00E+00	-1.99E+01	-2.96E-03	-7.90E-03	-8.89E-02	0.00E+00	0.00E+00	-8.42E-08	-2.46E-07	-6.33E-02	-1.51E+01	0.00E+00	0.00E+00	-5.82E+01	0.00E+00	-9.22E+01	0.00E+00	-1.17E-07	-7.97E-07	-4.62E-02	0.00E+00	-7.65E+00	0.00E+00	-9.22E+01	-1.28E-04	-9.22E+01	-1.17E+02	-7.65E+00	0.00E+00	0.00E+00	0.00E+00	-2.36E+03
U-MDK11080	-4.64E-02	-9.47E+00	-4.10E-02	-9.23E+00	0.00E+00	0.00E+00	-1.33E+01	-3.90E-03	-6.59E-03	-7.64E-02	0.00E+00	0.00E+00	-1.05E-07	-3.31E-07	-3.19E-02	-1.44E+01	0.00E+00	0.00E+00	-5.61E+01	0.00E+00	-7.88E+01	0.00E+00	-2.68E-07	-1.11E-06	-4.81E-02	0.00E+00	-7.65E+00	0.00E+00	-7.88E+01	-1.69E-04	-7.88E+01	-1.06E+02	-7.65E+00	0.00E+00	0.00E+00	0.00E+00	-2.51E+03
U-MDK13560	-5.57E-02	-1.08E+01	-7.84E-02	-1.10E+01	0.00E+00	0.00E+00	-2.11E+01	-3.16E-03	-8.47E-03	-9.68E-02	0.00E+00	0.00E+00	-9.27E-08	-2.70E-07	-6.37E-02	-1.48E+01	0.00E+00	0.00E+00	-5.95E+01	0.00E+00	-9.60E+01	0.00E+00	-1.12E-07	-9.50E-07	-4.12E-02	0.00E+00	-6.10E+00	0.00E+00	-9.60E+01	-1.36E-04	-9.60E+01	-1.21E+02	-8.10E+00	0.00E+00	0.00E+00	0.00E+00	-2.52E+03
U-MDK13580	-5.09E-02	-1.10E+01	-7.51E-02	-1.04E+01	0.00E+00	0.00E+00	-2.25E+01	-4.65E-03	-8.21E-03	-8.78E-02	0.00E+00	0.00E+00	-1.15E-07	-3.33E-07	-6.19E-02	-1.53E+01	0.00E+00	0.00E+00	-6.17E+01	0.00E+00	-9.03E+01	0.00E+00	-3.75E-07	-1.22E-06	-4.79E-02	0.00E+00	-8.42E+00	0.00E+00	-9.03E+01	-2.08E-04	-9.03E+01	-1.14E+02	-8.42E+00	0.00E+00	0.00E+00	0.00E+00	-2.65E+03
U-MDK16060	-4.40E-02	-8.80E+00	-1.81E-02	-8.60E+00	0.00E+00	0.00E+00	-6.30E+00	-2.83E-03	-6.06E-03	-6.75E-02	0.00E+00	0.00E+00	-8.79E-08	-2.57E-07	-2.05E-03	-1.42E+01	0.00E+00	0.00E+00	-5.01E+01	0.00E+00	-7.26E+01	0.00E+00	2.29E-07	-9.35E-07	-3.57E-02	0.00E+00	-7.17E+00	0.00E+00	-7.26E+01	-9.29E-05	-7.26E+01	-9.27E+01	-7.17E+00	0.00E+00	0.00E+00	0.00E+00	-2.19E+03
U-MDK16080	-4.28E-02	-1.01E+01	-3.90E-02	-9.30E+00	0.00E+00	0.00E+00	-9.03E+00	-4.48E-03	-7.22E-03	-7.14E-02	0.00E+00	0.00E+00	-9.89E-08	-2.58E-07	4.22E-02	-1.51E+01	0.00E+00	0.00E+00	-5.29E+01	0.00E+00	-7.75E+01	0.00E+00	-3.94E-07	-1.02E-06	-4.66E-02	0.00E+00	-7.18E+00	0.00E+00	-7.75E+01	-1.93E-04	-7.75E+01	-1.03E+02	-7.18E+00	0.00E+00	0.00E+00	0.00E+00	-1.88E+03
U-MDK1B10060	-2.21E-02	-6.09E+00	-7.40E-03	-6.19E+00	0.00E+00	0.00E+00	-7.27E+00	-1.16E-03	-3.32E-03	-3.32E-02	0.00E+00	0.00E+00	-5.88E-08	-3.41E-08	2.63E-03	-1.05E+01	0.00E+00	0.00E+00	-2.99E+01	0.00E+00	-3.15E+01	0.00E+00	-8.58E-08	-1.64E-07	-8.49E-03	0.00E+00	-4.21E+00	0.00E+00	-3.15E+01	-4.67E-05	-3.15E+01	-6.22E+01	-4.21E+00	0.00E+00	0.00E+00	0.00E+00	-1.27E+03
U-MDK1B10080	-5.20E-02	-1.11E+01	-8.50E-02	-1.05E+01	0.00E+00	0.00E+00	-2.17E+01	-2.77E-03	-7.60E-03	-8.56E-02	0.00E+00	0.00E+00	-7.65E-08	-2.23E-07	-4.65E-01	-6.11E+00	0.00E+00	0.00E+00	-7.27E+01	0.00E+00	-1.04E+02	0.00E+00	-8.20E-08	-7.23E-07	-3.87E-02	0.00E+00	-6.22E+00	0.00E+00	-1.04E+02	-1.31E-04	-1.04E+02	-1.34E+02	-6.22E+00	0.00E+00	0.00E+00	0.00E+00	-2.94E+03
U-MDK1B11060	-5.48E-02	-1.10E+01	-8.03E-02	-1.08E+01	0.00E+00	0.00E+00	-2.16E+01	-3.15E-03	-8.19E-03	-8.95E-02	0.00E+00	0.00E+00	-9.29E-08	-2.63E-07	-6.37E-02	-1.48E+01	0.00E+00	0.00E+00	-6.03E+01	0.00E+00	-9.58E+01	0.00E+00	-1.34E-07	-9.14E-07	-4.12E-02	0.00E+00	-7.94E+00	0.00E+00	-9.58E+01	-1.39E-04	-9.58E+01	-1.20E+02	-7.94E+00	0.00E+00	0.00E+00	0.00E+00	-2.51E+03
U-MDK1B11080	-4.87E-02	-9.97E+00	-5.19E-02	-9.75E+00	0.00E+00	0.00E+00	-1.57E+01	-4.62E-03	-7.26E-03	-8.13E-02	0.00E+00	0.00E+00	-1.07E-07	-3.27E-07	-3.65E-02	-1.44E+01	0.00E+00	0.00E+00	-5.88E+01	0.00E+00	-8.21E+01	0.00E+00	-3.25E-07	-1.12E-06	-4.80E-02	0.00E+00	-7.69E+00	0.00E+00	-8.21E+01	-1.82E-04	-8.21E+01	-1.09E+02	-7.69E+00	0.00E+00	0.00E+00	0.00E+00	-2.58E+03
U-MDK1B13560	-4.55E-02	-9.21E+00	-2.15E-02	-8.75E+00	0.00E+00	0.00E+00	-8.98E+00	-3.27E-03	-6.16E-03	-6.96E-02	0.00E+00	0.00E+00	-9.13E-08	-3.10E-07	1.22E-02	-1.51E+01	0.00E+00	0.00E+00	-4.99E+01	0.00E+00	-7.72E+01	0.00E+00	1.40E-07	-1.05E-06	-4.34E-02	0.00E+00	-7.99E+00	0.00E+00	-7.72E+01	-1.30E-04	-7.72E+01	-9.89E+01	-7.99E+00	0.00E+00	0.00E+00	0.00E+00	-2.24E+03
U-MDK1B13580	-4.34E-02	-1.02E+01	-4.16E-02	-9.42E+00	0.00E+00	0.00E+00	-8.20E+00	-4.51E-03	-7.27E-03	-7.21E-02	0.00E+00	0.00E+00	-9.86E-08	-2.66E-07	2.14E-02	-1.46E+01	0.00E+00	0.00E+00	-5.50E+01	0.00E+00	-7.75E+01	0.00E+00	-3.95E-07	-1.03E-06	-4.90E-02	0.00E+00	-6.63E+00	0.00E+00	-7.75E+01	-1.97E-04	-7.75E+01	-1.04E+02	-6.63E+00	0.00E+00	0.00E+00	0.00E+00	-1.96E+03
U-MDK1B16060	-4.87E-02	-9.97E+00	-5.26E-02	-9.75E+00	0.00E+00	0.00E+00	-1.57E+01	-4.08E-03	-7.26E-03	-8.13E-02	0.00E+00	0.00E+00	-1.07E-07	-3.29E-07	-3.65E-02	-1.44E+01	0.00E+00	0.00E+00	-5.90E+01	0.00E+00	-8.21E+01	0.00E+00	-3.39E-07	-1.12E-06	-4.81E-02	0.00E+00	-7.69E+00	0.00E+00	-8.21E+01	-1.82E-04	-8.21E+01	-1.09E+02	-7.69E+00	0.00E+00	0.00E+00	0.00E+00	-2.59E+03
U-MDK1B16080	-3.83E-02	-8.35E+00	6.72E-02	-7.69E+00	0.00E+00	0.00E+00	2.17E+01	-4.17E-03	-6.02E-03	-5.87E-02	0.00E+00	0.00E+00	-9.20E-08	-2.70E-07	2.16E-01	-1.39E+01	0.00E+00	0.00E+00	-4.33E+01	0.00E+00	-6.50E+01	0.00E+00	-3.12E-07	-9.07E-07	-4.81E-02	0.00E+00	-6.62E+00	0.00E+00	-6.50E+01	-1.80E-04	-6.50E+01	-8.42E+01	-5.62E+00	0.00E+00	0.00E+00	0.00E+00	-1.38E+03
U-MDK1B4060	-3.24E-03	-6.68E-01	5.34E-02	-4.13E-01	0.00E+00	0.00E+00	8.35E+00	-4.79E-04	-1.64E-04	7.98E-04	0.00E+00	0.00E+00	-1.56E-08	-3.50E-08	5.64E-02	-5.68E+00	0.00E+00	0.00E+00	1.17E+00	0.00E+00	8.94E+00	0.00E+00	1.43E-07	-1.72E-07	-6.19E-03	0.00E+00	-2.59E+00	0.00E+00	8.94E+00	-1.54E-05	8.94E+00	9.17E+00	-2.59E+00	0.00E+00	0.00E+00	0.00E+00	-1.68E+01
U-MDK1B4080	-8.73E-03	-2.06E+00	1.70E-02	-1.71E+00	0.00E+00	0.00E+00	4.98E+00	-6.21E-04	-1.16E-03	-8.28E-03	0.00E+00	0.00E+00	-1.84E-08	-9.20E-08	4.15E-02	-9.14E+00	0.00E+00	0.00E+00	-7.52E+00	0.00E+00	-8.42E+00	0.00E+00	-9.41E-09	-2.50E-07	-1.11E-02	0.00E+00	-2.81E+00	0.00E+00	-8.42E+00	-3.06E-05	-8.42E+00	-8.31E+00	-2.81E+00	0.00E+00	0.00E+00	0.00E+00	-3.16E+02
U-MDK1B4560	-3.04E-03	-5.94E-01	5.53E-02	-3.54E-01	0.00E+00	0.00E+00	8.66E+00	-4.52E-04	-1.41E-04	1.16E-03	0.00E+00	0.00E+00	-1.53E-08	-3.43E-08	5.89E-02	-5.68E+00	0.00E+00	0.00E+00	5.64E-01	0.00E+00	1.12E+01	0.00E+00	1.34E-07	-1.57E-07	-6.43E-03	0.00E+00	-2.56E+00	0.00E+00	1.12E+01	-1.36E-05	1.12E+01	8.67E+00	-2.56E+00	0.00E+00	0.00E+00	0.00E+00	-3.88E+00
U-MDK1B4580	-6.99E-03	-2.43E+00	1.63E-02	-2.02E+00	0.00E+00	0.00E+00	3.62E+00	-8.23E-04	-9.07E-04	-7.80E-03	0.00E+00	0.00E+00	-1.95E-08	-8.75E-08	-3.88E-01	-8.14E-01	0.00E+00	0.00E+00	-2.26E+01	0.00E+00	-2.32E+01	0.00E+00	3.40E-08	-3.01E-07	-9.43E-03	0.00E+00	-2.21E+00	0.00E+00	-2.32E+01	-5.99E-05	-2.32E+01	-3.16E+01	-2.21E+00	0.00E+00	0.00E+00	0.00E+00	-8.70E+02
U-MDK1B6060	-8.94E-03	-2.03E+00	1.61E-02	-1.69E+00	0.00E+00	0.00E+00	5.02E+00	-5.94E-04	-1.16E-03	-8.85E-03	0.00E+00	0.00E+00	-1.84E-08	-8.88E-08	4.20E-02	-9.14E+00	0.00E+00	0.00E+00	-8.89E+00	0.00E+00	-8.50E+00	0.00E+00	-1.41E-08	-2.43E-07	-1.11E-02	0.00E+00	-2.81E+00	0.00E+00	-8.50E+00	-3.30E-05	-8.50E+00	-8.31E+00	-2.81E+00	0.00E+00	0.00E+00	0.00E+00	-3.43E+02
U-MDK1B6080	1.23E-02	8.16E-01	1.11E-01	9.33E-01	0.00E+00	0.00E+00	2.39E+01	-7.14E-04	2.06E-03	1.91E-02	0.00E+00	0.00E+00	-1.55E-08	-1.85E-08	-3.02E-01	-5.54E-01	0.00E+00	0.00E+00	2.06E+00	0.00E+00	2.01E+01	0.00E+00	2.23E-07	-1.99E-07	-3.16E-03	0.00E+00	-1.41E+00	0.00E+00	2.01E+01	-5.60E-05	2.01E+01	1.77E+01	-1.41E+00	0.00E+00	0.00E+00	0.00E+00	-4.38E+01
U-MDK1B7060	7.08E-03	8.49E-01	1.02E-01	9.56E-01	0.00E+00	0.00E+00	2.24E+01	-4.29E-04	1.32E-03	1.15E-02	0.00E+00	0.00E+00	-1.53E-08	-1.04E-08	1.36E-01	-9.17E+00	0.00E+00	0.00E+00	1.61E+01	0.00E+00	2.91E+01	0.00E+00	2.05E-07	-3.75E-08	-3.97E-03	0.00E+00	-2.02E+00	0.00E+00	2.91E+01	-4.93E-06	2.91E+01	3.01E+01	-2.02E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+02
U-MDK1B7080	-2.07E-02	-6.12E+00	-1.98E-02	-6.52E+00	0.00E+00	0.00E+00	-1.02E+01	-1.33E-03	-3.15E-03	-3.16E-02	0.00E+00	0.00E+00	-5.76E-08	-4.67E-08	-4.19E-01	-1.66E+00	0.00E+00	0.00E+00	-4.63E+01	0.00E+00	-4.70E+01	0.00E+00	-2.04E-08	-2.54E-07	-8.55E-03	0.00E+00	-3.36E+00	0.00E+00	-4.70E+01	-7.07E-05	-4.70E+01	-7.99E+01	-3.36E+00	0.00E+00	0.00E+00	0.00E+00	-1.90E+03
U-MDK1B8060	1.10E-02	1.48E+00	1.29E-01	1.51E+00	0.00E+00	0.00E+00	2.73E+01	-3.92E-04	2.00E-03	2.02E-02	0.00E+00	0.00E+00	-1.36E-08	-5.21E-09	1.64E-01	-9.09E+00	0.00E+00	0.00E+00	2.27E+01	0.00E+00	4.10E+01	0.00E+00	2.22E-07	-6.29E-09	-2.71E-03	0.00E+00	-1.85E+00	0.00E+00	4.10E+01	-1.95E-06	4.10E+01	4.54E+01	-1.85E+00	0.00E+00	0.00E+00	0.00E+00	6.82E+02
U-MDK1B8080	-3.04E-02	-6.67E+00	-3.63E-02	-6.89E+00	0.00E+00	0.00E+00	-1.28E+01	-1.24E-03	-4.85E-03	-5.34E-02	0.00E+00	0.00E+00	-6.36E-08	-2.85E-08	-4.31E-01	-3.37E+00	0.00E+00	0.00E+00	-4.83E+01	0.00E+00	-6.27E+01	0.00E+00	2.41E-07	-1.01E-07	-5.30E-03	0.00E+00	-3.55E+00	0.00E+00	-6.27E+01	-7.04E-05	-6.27E+01	-9.33E+01	-3.55E+00	0.00E+00	0.00E+00	0.00E+00	-2.66E+03
U-MDK1B8560	1.10E-02	1.48E+00	1.28E-01	1.51E+00	0.00E+00	0.00E+00	2.68E+01	-4.31E-04	2.00E-03	2.02E-02	0.00E+00	0.00E+00	-1.36E-08	-8.13E-09	1.63E-01	-9.16E+00	0.00E+00	0.00E+00	2.27E+01	0.00E+00	4.10E+01	0.00E+00	1.22E-07	-1.51E-08	-3.44E-03	0.00E+00	-1.85E+00	0.00E+00	4.10E+01	-7.07E-06	4.10E+01	4.54E+01	-1.85E+00	0.00E+00	0.00E+00	0.00E+00	6.76E+02
U-MDK1B8580	-3.55E-02	-8.07E+00	-4.67E-02	-7.70E+00	0.00E+00	0.00E+00	-1.51E+01	-1.36E-03	-5.67E-03	-6.50E-02	0.00E+00	0.00E+00	-6.71E-08	-3.52E-08	-4.44E-01	-3.85E+00	0.00E+00	0.00E+00	-5.24E+01	0.00E+00	-7.36E+01	0.00E+00	2.05E-07	-2.12E-07	-9.10E-03	0.00E+00	-4.83E+00	0.00E+00	-7.36E+01	-8.31E-05	-7.36E+01	-1.06E+02	-4.83E+00	0.00E+00	0.00E+00	0.00E+00	-2.33E+03
U-MDK1B9060	9.40E-03	1.25E+00	1.23E-01	1.18E+00	0.00E+00	0.00E+00	2.61E+01	-4.98E-04	1.58E-03	1.76E-02	0.00E+00	0.00E+00	-1.76E-08	-1.82E-09	1.59E-01	-9.33E+00	0.00E+00	0.00E+00	1.78E+01	0.00E+00	3.93E+01	0.00E+00	9.04E-08	5.39E-09	-3.35E-03	0.00E+00	-1.93E+00	0.00E+00	3.93E+01	-8.88E-06	3.93E+01	4.42E+01	-1.93E+00	0.00E+00	0.00E+00	0.00E+00	5.74E+02
U-MDK1B9080	-3.39E-02	-8.77E+00	-4.76E-02	-8.12E+00	0.00E+00	0.00E+00	-1.36E+01	-1.91E-03	-5.37E-03	-6.21E-02	0.00E+00	0.00E+00	-6.35E-08	-1.25E-07	-4.39E-01	-3.52E+00	0.00E+00	0.00E+00	-5.54E+01	0.00E+00	-7.51E+01	0.00E+00	2.68E-07	-4.46E-07	-2.48E-02	0.00E+00	-6.74E+00	0.00E+00	-7.51E+01	-1.17E-04	-7.51E+01	-1.10E+02	-5.74E+00	0.00E+00	0.00E+00	0.00E+00	-2.27E+03
U-MDK2B10060	-3.68E-02	-7.68E+00	-3.54E-02	-7.64E+00	0.00E+00	0.00E+00	-1.22E+01	-1.09E-03	-5.62E-03	-6.43E-02	0.00E+00	0.00E+00	-6.69E-08	-1.64E-08	-2.97E-02	-1.27E+01	0.00E+00	0.00E+00	-3.77E+01	0.00E+00	-5.77E+01	0.00E+00	2.17E-07	-5.26E-08	-5.53E-03	0.00E+00	-6.21E+00	0.00E+00	-5.77E+01	-4.83E-05	-5.77E+01	-8.39E+01	-6.21E+00	0.00E+00	0.00E+00	0.00E+00	-1.74E+03
U-MDK2B10080	-5.27E-02	-1.15E+01	-8.60E-02	-1.09E+01	0.00E+00	0.00E+00	-2.39E+01	-3.04E-03	-7.84E-03	-8.84E-02	0.00E+00	0.00E+00	-9.06E-08	-2.56E-07	-4.68E-01	-6.11E+00	0.00E+00	0.00E+00	-7.29E+01	0.00E+00	-1.04E+02	0.00E+00	-1.02E-07	-8.63E-07	-4.05E-02	0.00E+00	-6.77E+00	0.00E+00	-1.04E+02	-1.38E-04	-1.04E+02	-1.36E+02	-6.77E+00	0.00E+00	0.00E+00	0.00E+00	-3.00E+03
U-MDK2B11060	-4.91E-02	-9.93E+00	-1.99E-02	-9.53E+00	0.00E+00	0.00E+00	-7.03E+00	-2.92E-03	-7.02E-03	-7.91E-02	0.00E+00	0.00E+00	-9.24E-08	-2.50E-07	1.88E-02	-1.47E+01	0.00E+00	0.00E+00	-4.92E+01	0.00E+00	-7.56E+01	0.00E+00	2.08E-07	-8.83E-07	-3.80E-02	0.00E+00	-7.86E+00	0.00E+00	-7.56E+01	-1.01E-04	-7.56E+01	-9.73E+01	-7.86E+00	0.00E+00	0.00E+00	0.00E+00	-2.23E+03
U-MDK2B11080	-5.07E-02	-1.10E+01	-7.51E-02	-1.04E+01	0.00E+00	0.00E+00	-2.26E+01	-4.64E-03	-8.21E-03	-8.78E-02	0.00E+00	0.00E+00	-1.15E-07	-3.29E-07	-6.07E-02	-1.53E+01	0.00E+00	0.00E+00	-6.17E+01	0.00E+00	-9.11E+01	0.00E+00	-3.62E-07	-1.23E-06	-4.87E-02	0.00E+00	-8.42E+00	0.00E+00	-9.11E+01	-2.10E-04	-9.11E+01	-1.14E+02	-8.42E+00	0.00E+00	0.00E+00	0.00E+00	-2.66E+03
U-MDK2B13560	-5.09E-02	-1.06E+01	-7.16E-02	-1.04E+01	0.00E+00	0.00E+00	-2.32E+01	-4.56E-03	-7.78E-03	-8.66E-02	0.00E+00	0.00E+00	-1.15E-07	-3.29E-07	-4.09E-02	-1.58E+01	0.00E+00	0.00E+00	-5.96E+01	0.00E+00	-9.11E+01	0.00E+00	-3.63E-07	-1.19E-06	-4.79E-02	0.00E+00	-8.97E+00	0.00E+00	-9.11E+01	-2.03E-04	-9.11E+01	-1.13E+02	-8.97E+00	0.00E+00	0.00E+00	0.00E+00	-2.64E+03
U-MDK2B13580	-3.78E-02	-8.39E+00	6.70E-02	-7.65E+00	0.00E+00	0.00E+00	2.34E+01	-4.10E-03	-5.84E-03	-5.84E-02	0.00E+00	0.00E+00	-9.09E-08	-2.66E-07	1.97E-01	-1.34E+01	0.00E+00	0.00E+00	-4.43E+01	0.00E+00	-6.40E+01	0.00E+00	-3.10E-07	-8.91E-07	-4.71E-02	0.00E+00	-4.88E+00	0.00E+00	-6.40E+01	-1.81E-04	-6.40E+01	-8.21E+01	-4.88E+00	0.00E+00	0.00E+00	0.00E+00	-1.40E+03
U-MDK2B16060	-4.90E-02	-1.07E+01	-7.74E-02	-1.01E+01	0.00E+00	0.00E+00	-2.26E+01	-4.71E-03	-7.71E-03	-8.22E-02	0.00E+00	0.00E+00	-1.09E-07	-3.21E-07	-5.71E-02	-1.54E+01	0.00E+00	0.00E+00	-6.21E+01	0.00E+00	-8.69E+01	0.00E+00	-3.95E-07	-1.24E-06	-4.88E-02	0.00E+00	-8.42E+00	0.00E+00	-8.69E+01	-2.12E-04	-8.69E+01	-1.12E+02	-8.42E+00	0.00E+00	0.00E+00	0.00E+00	-2.56E+03
U-MDK2B16080	-3.83E-02	-8.16E+00	7.33E-02	-7.69E+00	0.00E+00	0.00E+00	2.35E+01	-4.16E-03	-6.02E-03	-5.87E-02	0.00E+00	0.00E+00	-9.08E-08	-2.70E-07	2.18E-01	-1.39E+01	0.00E+00	0.00E+00	-4.33E+01	0.00E+00	-6.42E+01	0.00E+00	-8.04E-08	-8.85E-07	-4.75E-02	0.00E+00	-5.46E+00	0.00E+00	-6.42E+01	-1.80E-04	-6.42E+01	-8.42E+01	-5.46E+00	0.00E+00	0

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