

Product Environmental Profile

ENCLOSURE SURFACE GAMMA 26 M



Company information

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A question concerning the Product Environmental Profile:
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References covered

Small distribution boards plastic: Alfa, Gamma, Golf, IC², Pablo, Vector, Vega, Volta, Accessories.
For complete list of the covered references, see details in Appendix.

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
GD213A

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 active parts and ensure the grouping of control, command and protection devices in a single enclosure or cabinet having the following dimensions 375mm x 250mm x 103mm with rated current In 63A, while protecting them against mechanical impacts (IK07) and the penetration of solid objects and liquids (IP30), 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	%
PS	792.75	48.3%	Steel	198.92	12.1%	Cardboard	253.38	15.4%
PC	97.80	6.0%	Brass	46.68	2.8%	Wood	39.08	2.4%
PA6	63.24	3.9%	Copper	41.32	2.5%	Paper	13.92	0.8%
PC	46.20	2.8%	Steel	24.70	1.5%	Tetrabromobisphenol A	0.81	<0.1%
PE-LD	7.82	0.5%	Stainless steel	11.65	0.7%	Other	0.36	<0.1%
HI PS	2.44	0.1%	Other	0.43	<0.1%			
Total mass of reference product with raw material packaging :			1641.50 g					
Total mass of reference product (Product + packaging)			1563,14 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 the packaging waste treatment is taken into account.

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	0%	0	100%

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	100%

For the considered scenario, the product has no energy consumption.

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 mainly on ESR modules (datasets for WEEE product end of life).

The recycling potential of the product is: 41%. 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 6.2.4-10 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	3.41E-02	1.60E-03	7.20E-04	0.00E+00	9.22E-03	4.57E-02	-1.64E-02
Climate change - Total (PEF-GWP)	kg CO2 eq.	5.81E+00	2.52E-01	3.19E-01	0.00E+00	1.34E+00	7.73E+00	6.21E-01
Climate change-Biogenic (PEF-GWPb)	kg CO2 eq.	-3.46E-01	0.00E+00	6.01E-02	0.00E+00	4.63E-02	-2.39E-01	2.55E-02
Climate change-Fossil (PEF-GWPF)	kg CO2 eq.	6.16E+00	2.52E-01	2.59E-01	0.00E+00	1.30E+00	7.97E+00	5.95E-01
Climate change-Land use and land use change (PEF-GWPlu)	kg CO2 eq.	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00
Ecotoxicity, freshwater (PEF-CTUe)	CTUe	1.77E+03	1.65E-01	3.73E+00	0.00E+00	6.79E+00	1.78E+03	-1.08E-01
EF-particulate Matter (PEF-PM)	Incidence of diseases	2.00E-07	1.30E-08	4.30E-09	0.00E+00	7.04E-08	2.87E-07	1.92E-09
Eutrophication, freshwater (PEF-Epf)	kg P eq.	7.43E-05	9.46E-08	3.55E-06	0.00E+00	1.55E-05	9.35E-05	-2.20E-03
Eutrophication marine (PEF-Epm)	kg N eq.	4.37E-03	7.49E-04	3.44E-04	0.00E+00	3.63E-03	9.10E-03	9.26E-04
Eutrophication, terrestrial (PEF-Ept)	mole of N eq.	4.65E-02	8.21E-03	2.14E-03	0.00E+00	1.45E-02	7.13E-02	-1.81E-03
Human toxicity, cancer (PEF-CTUh-c)	CTUh	6.72E-07	4.43E-12	2.86E-08	0.00E+00	1.19E-09	7.02E-07	-1.82E-09
Human toxicity, non-cancer (PEF-CTUh-nc)	CTUh	2.01E-07	8.57E-11	8.35E-10	0.00E+00	3.97E-08	2.41E-07	-2.36E-07
Ionising radiation, human health (PEF-IR)	kg Bq U235 eq.	2.65E+01	6.14E-04	3.86E-02	0.00E+00	9.70E-02	2.66E+01	7.74E-02
Land use (PEF-LU)	No dimension	4.15E-01	0.00E+00	6.91E-04	0.00E+00	2.85E+00	3.26E+00	-1.92E+01
Ozone depletion (PEF-ODP)	kg CFC-11 eq.	1.05E-07	3.87E-10	3.32E-09	0.00E+00	1.67E-07	2.76E-07	1.23E-07
Photochemical ozone formation - human health (PEF-POCP)	kg of NMVOC eq.	1.44E-02	2.07E-03	4.99E-04	0.00E+00	4.28E-03	2.12E-02	-4.63E-04
Resource use, fossils (PEF-ADPf)	MJ	1.84E+02	3.52E+00	2.46E+00	0.00E+00	2.06E+01	2.11E+02	1.42E+01
Resource use, minerals and metals (PEF-ADPe)	kg Sb eq	1.14E-04	9.93E-09	6.03E-09	0.00E+00	6.30E-06	1.21E-04	-5.89E-05
Water use (PEF-WU)	m3 eq.	1.66E+00	9.58E-04	1.93E-02	0.00E+00	2.27E+02	2.29E+02	-1.81E+01

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	3.87E-02	2.23E-05	4.50E-04	0.00E+00	7.19E+00	7.23E+00	1.22E+00
Total use of primary energy	MJ	1.92E+02	3.52E+00	2.78E+00	0.00E+00	2.19E+01	2.20E+02	1.21E+01
Total use of non renewable primary energy resources	MJ	1.84E+02	3.52E+00	2.46E+00	0.00E+00	2.06E+01	2.11E+02	1.42E+01
Total use of renewable primary energy resources	MJ	8.03E+00	4.70E-03	3.28E-01	0.00E+00	1.37E+00	9.73E+00	-2.19E+00
Use of non-renewable primary energy, excluding non renewable primary energy resources used as raw materials	MJ	1.45E+02	3.52E+00	2.46E+00	0.00E+00	2.06E+01	1.72E+02	1.42E+01
Use of non-renewable primary energy resources as raw materials	MJ	3.89E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E+01	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
Use of renewable primary energy, excluding renewable primary energy resources used as raw materials	kg	2.55E+00	4.70E-03	3.28E-01	0.00E+00	1.37E+00	4.25E+00	-2.19E+00
Use of renewable primary energy resources as raw materials	MJ	5.48E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E+00	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 materials	kg	4.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-02	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	9.44E+00	0.00E+00	6.31E-03	0.00E+00	-9.18E-04	9.45E+00	4.43E-19
Non-hazardous waste disposed	kg	8.93E-01	8.85E-03	1.06E-01	0.00E+00	1.23E-02	1.02E+00	1.65E-18
Radioactive waste disposed	kg	3.36E-04	6.31E-06	1.27E-05	0.00E+00	4.59E-07	3.55E-04	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	1.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-02	0.00E+00
Materials for energy recovery	kg	1.78E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	3.91E-02	0.00E+00
Materials for recycling	kg	3.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-02	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	2.53E-01	1.39E-02	3.91E-02	3.06E-01
Biogenic carbon content (declared unit)	kg of C	7.09E-02	5.26E-03	1.54E-02	9.17E-02
Biogenic carbon content (functional unit)	kg of C	7.09E-02	5.26E-03	1.54E-02	9.17E-02
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

For each reference in this homogeneous family (see Appendix), the environmental impacts for each phase and indicator are either derived from life-cycle analysis (LCA), or extrapolated: for the use phase, based on power consumption, and for the other phases, based on component weight.

Verification

Registration N°: HAGE-00932-V02.01-EN	Drafting Rules	PEP-PCR-ed4-2021 09 06
	Supplemented by	PSR-0005-ed3.1-2023 12 08
Verifier accreditation N°: VH37	Information and reference documents: www.pep-ecopassport.org	
Date of issue: 12-2024	Validity period:	5 years
Independent verification of the declaration and data, in compliance with ISO 14025 : 2006		
Internal <input checked="" type="radio"/> External <input type="radio"/>		
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

Manufacturing A1 - A3

	Addification (PEF-AP) - [mole of H+ equiv]	Climate change - Total (PEF-GWP) - [kg CO2 eq.]	Climate change-Biogenic (PEF-GWPb) - [kg CO2 eq.]	Climate change-Fossil (PEF-GWPF) - [kg CO2 eq.]	Climate change-Land use and land use change (PEF-GWPLi) - [kg CO2 eq.]	Components for reuse - [kg]	Ecotoxicity, freshwater (PEF-CTUe) - [CTUe]	Eutrophication, freshwater (PEF-Ep) - [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-n) - [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]	Radioactive waste disposed - [kg]	Renewable primary energy used as energy - [MJ]	Renewable primary energy used as raw material - [MJ]	Resource use, fossils (PEF-ADPfi) - [MJ]	Resource use, minerals and metals (PEF-ADPm) - [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.]	
GD213A	2.81E-02	5.71E+00	3.60E-01	6.07E+00	1.32E-04	0.00E+00	1.97E+03	8.88E-02	4.25E-03	4.51E-02	1.26E-02	2.76E+00	1.93E-07	7.77E-08	1.16E+01	3.94E-01	1.71E-02	3.15E-02	2.67E-02	7.30E-01	1.44E+02	3.92E+01	6.06E-08	1.44E-07	1.33E-02	3.00E-04	2.96E+00	5.48E+00	1.83E+02	2.62E-05	1.83E+02	1.91E+02	6.34E+00	0.00E+00	0.00E+00	4.62E-02	1.15E+00	
B04000	4.23E-03	9.80E-01	2.48E-02	1.00E+00	0.00E+00	0.00E+00	8.50E+00	2.95E-05	7.12E-04	9.04E-03	1.83E-03	2.11E-01	4.97E-09	5.28E-09	4.44E+00	9.01E-03	2.48E-03	9.33E-01	6.00E-03	3.05E-01	2.17E+01	7.22E+00	9.55E-09	2.49E-08	2.22E-03	1.75E-04	1.19E+00	5.39E-01	2.90E+01	4.88E-08	2.90E+01	3.07E+01	1.72E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-01	
B04021	3.78E-02	1.02E+01	5.96E-01	1.05E+01	2.48E-05	0.00E+00	3.23E-02	5.90E-05	8.71E-03	7.45E-02	2.19E-02	1.81E-01	1.02E-07	1.22E-07	1.98E+01	4.07E-03	2.89E-02	1.02E-01	7.03E-02	8.60E+00	2.55E+02	6.14E+01	1.82E-07	2.49E-07	2.44E-02	6.09E-04	5.85E+00	1.09E+01	3.42E+01	1.78E-05	3.31E+02	3.35E+02	1.00E+01	0.00E+00	0.00E+00	1.21E-04	3.04E+00	
B04085	2.19E-02	6.87E+00	2.54E-01	7.12E+00	4.16E-04	0.00E+00	7.55E+01	2.86E-05	5.31E-03	5.62E-02	1.53E-02	9.10E-01	5.33E-08	4.51E-08	5.92E+00	1.19E+00	2.07E-02	5.38E-02	4.25E-02	3.00E+00	1.39E+01	5.90E+01	6.83E-08	1.59E-07	1.62E-02	1.70E-03	5.83E+00	5.87E+00	1.98E+02	2.15E-05	1.98E+02	2.09E+02	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.83E+00	
B04086	2.68E-02	6.98E+00	1.82E-01	7.17E+00	5.02E-04	0.00E+00	7.17E+01	2.85E-05	5.04E-03	5.36E-02	1.49E-02	1.11E+00	4.48E-08	4.53E-08	7.25E+00	1.33E+00	2.01E-02	6.53E-02	4.19E-02	3.05E+00	1.41E+01	5.72E+01	1.32E-08	1.55E-07	1.57E-02	1.71E-03	6.13E+00	4.96E+00	1.98E+02	1.69E-05	1.98E+02	2.09E+02	1.11E+01	0.00E+00	0.00E+00	0.00E+00	1.79E+00	
B04089	3.53E-02	1.13E+01	5.17E-01	1.18E+01	9.54E-04	0.00E+00	1.26E+02	5.00E-05	8.81E-03	8.98E-02	2.83E-02	1.34E+00	1.06E-07	8.35E-08	1.12E+00	2.69E+00	3.56E-02	1.01E-01	7.17E-02	5.22E+00	2.44E+02	9.46E+01	1.34E-07	2.49E-07	2.64E-02	2.94E-03	8.89E+00	1.11E+01	3.36E+02	3.67E-05	3.36E+02	3.98E+02	1.97E+01	0.00E+00	0.00E+00	0.00E+00	3.08E+00	
B04090	4.79E-02	1.59E+01	5.98E-01	1.64E+01	1.58E-03	0.00E+00	1.74E+02	7.19E-05	1.17E-02	1.22E-01	3.99E-02	1.76E+00	1.27E-07	1.16E-07	1.33E+01	4.44E+00	4.85E-02	1.47E-01	9.95E-02	7.55E+00	3.49E+02	1.31E+02	1.88E-07	3.38E-07	3.65E-02	4.21E-03	1.22E+01	1.41E+01	4.80E+02	6.12E-05	4.80E+02	5.07E+02	2.63E+01	0.00E+00	0.00E+00	0.00E+00	4.27E+00	
B04911	1.89E-03	4.40E-01	2.45E-02	5.20E-01	2.23E-06	0.00E+00	3.20E+00	1.01E-05	3.83E-04	4.07E-03	1.14E-02	1.48E-01	1.07E-08	2.69E-09	1.91E+00	1.19E-01	1.60E-03	1.85E-03	2.29E-03	1.12E-01	4.61E+00	4.09E+00	7.21E-09	1.39E-08	1.23E-03	3.74E-05	4.03E-01	3.36E-01	1.20E+01	3.96E-05	1.18E+01	1.27E+01	7.25E-01	0.00E+00	0.00E+00	3.41E-03	9.73E-02	
B04912	1.96E-03	5.28E-01	2.72E-02	2.60E-01	2.15E-06	0.00E+00	3.24E+00	9.92E-06	4.05E-04	4.40E-03	1.34E-03	1.40E-01	2.28E-08	2.67E-09	1.93E+00	1.30E-01	1.88E-03	2.65E-03	3.30E-03	1.26E-01	5.05E+00	5.05E+00	8.40E-09	1.38E-08	1.31E-03	5.42E-05	4.93E-01	4.94E-01	1.24E+01	3.98E-05	1.27E+01	1.38E+01	8.73E-01	0.00E+00	0.00E+00	6.69E-03	1.39E-01	
B04917	9.88E-03	1.84E+00	4.34E-01	2.27E+00	0.00E+00	0.00E+00	1.45E+01	1.17E-05	1.91E-03	1.89E-02	8.25E-03	1.47E-02	5.83E-08	9.92E-09	1.88E+00	4.04E-01	1.12E-02	9.60E-03	2.03E-02	7.88E-01	1.51E+01	2.89E+01	2.05E-08	4.99E-08	5.73E-03	5.03E-04	5.92E-01	6.15E+00	4.49E-01	4.49E-01	4.41E+01	4.96E+01	5.56E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-01	
B04918	1.29E-02	2.46E+00	6.55E-01	3.02E+00	0.00E+00	0.00E+00	1.90E+01	1.55E-02	2.54E-03	2.52E-02	1.10E-02	1.88E-02	7.34E-08	1.31E-08	2.01E+00	5.41E-01	1.48E-02	1.27E-02	2.71E-02	1.02E+00	2.02E+01	3.87E+01	2.68E-08	6.93E-08	7.83E-03	6.69E-04	8.21E-01	8.02E+00	5.87E+01	5.97E-07	5.87E+01	7.20E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00		
B04919	1.57E-02	2.95E+00	7.32E-01	3.87E+00	0.00E+00	0.00E+00	2.37E+01	2.27E-05	3.11E-03	3.08E-02	1.34E-02	2.36E-02	9.82E-08	1.58E-09	2.14E+00	6.49E-01	1.81E-02	1.58E-02	3.27E-02	1.25E+00	2.45E+01	4.05E+01	3.33E-08	8.00E-08	9.30E-03	8.13E-04	1.11E+00	1.02E+01	7.08E+01	7.21E-07	7.08E+01	8.00E+01	9.90E+00	0.00E+00	0.00E+00	0.00E+00	1.40E+00	
B04925	8.85E-03	1.82E+00	1.37E-01	1.87E+00	8.89E-06	0.00E+00	3.26E+02	2.27E-05	1.32E-03	1.44E-02	3.61E-03	7.14E-01	9.82E-08	1.34E-08	2.63E+00	2.67E-01	4.85E-03	1.24E-02	1.60E-02	5.22E-01	3.36E+01	1.69E+01	3.68E-08	4.94E-08	4.71E-03	3.05E-04	6.38E-01	2.38E+00	4.73E+01	7.15E-04	5.37E+01	7.20E+01	2.98E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-02	7.01E-01
B04926	8.80E-03	1.97E+00	1.66E-01	1.97E+00	9.31E-06	0.00E+00	3.36E+02	2.35E-05	1.46E-03	1.56E-02	4.80E-03	6.97E-01	6.15E-08	1.54E-08	2.69E+00	2.89E-01	6.49E-03	1.37E-02	1.65E-02	6.51E-01	2.30E+01	2.00E+01	5.29E-08	7.20E-08	4.70E-03	3.71E-04	6.91E-01	2.44E+00	4.37E+01	3.27E-03	4.48E+01	5.07E+01	3.77E+00	0.00E+00	0.00E+00	6.10E-02	7.22E-01	
B04927	1.31E-02	2.83E+00	3.26E-01	3.16E+00	0.00E+00	0.00E+00	7.81E+00	1.83E-05	2.40E-03	2.45E-02	8.35E-03	6.13E+00	4.71E-08	1.91E-08	1.73E+00	2.55E-01	1.13E-02	1.29E-02	1.60E-02	6.03E-01	3.37E+01	3.97E+01	6.27E-08	6.91E-08	7.87E-03	3.42E-04	2.90E-01	4.70E+00	6.28E+01	1.28E-02	6.28E+01	6.72E+01	4.42E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-01	
B04928	1.61E-02	3.42E+00	4.52E-01	3.87E+00	0.00E+00	0.00E+00	7.95E+02	2.11E-05	2.99E-03	3.06E-02	1.06E-02	7.24E-02	6.32E-08	2.15E-08	1.84E+00	3.11E-01	1.43E-02	1.54E-02	2.00E-02	7.75E-01	4.02E+01	3.87E+01	7.73E-08	8.30E-08	8.69E-03	4.42E-04	5.42E-01	6.45E+00	7.83E+01	1.59E-02	7.69E+01	8.28E+01	8.91E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-01	
B04929	1.96E-02	4.18E+00	5.61E-01	4.74E+00	0.00E+00	0.00E+00	7.99E+02	2.40E-05	3.65E-03	3.74E-02	1.31E-02	8.51E-02	7.73E-08	2.43E-08	1.94E+00	3.89E-01	1.78E-02	1.84E-02	2.49E-02	9.65E-01	4.88E+01	4.57E+01	9.45E-08	1.00E-07	1.19E-02	5.49E-04	7.35E-01	8.01E+00	9.42E+01	1.99E-02	9.43E+01	1.02E+02	7.28E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00	
B04943	6.46E-03	2.17E+00	3.29E-01	2.41E+00	2.94E-04	0.00E+00	1.85E+01	1.15E-05	1.76E-03	1.80E-02	6.37E-03	3.62E-02	3.73E-08	1.72E-08	4.93E+00	9.42E-01	4.49E-03	2.73E-02	1.52E+00	4.92E+01	1.69E+01	4.02E-08	5.54E-08	5.79E-03	7.39E-04	1.30E+00	3.91E+00	6.02E+01	4.60E-06	6.62E+01	7.13E+01	5.11E+00	0.00E+00	0.00E+00	4.42E-02	6.46E-01		
B04944	1.31E-02	3.31E+00	2.95E-01	3.82E+00	4.13E-04	0.00E+00	2.49E+02	2.00E-05	2.61E-03	2.78E-02	8.72E-03	6.00E+00	4.84E-08	1.35E-08	6.82E+00	1.37E+00	1.81E-02	1.24E-02	2.32E-02	1.83E+00	5.47E+01	2.44E+01	1.37E-08	1.94E-07	8.55E-03	1.03E-04	4.09E+00	6.15E+00	7.92E+01	1.98E-06	7.92E+01	8.85E+01	9.90E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-02	9.97E-01
B04945	1.58E-02	4.17E+00	5.59E-01	4.73E+00	5.38E-04	0.00E+00	2.59E+02	2.54E-05	3.53E-03	3.65E-02	1.22E-02	5.58E-02	8.21E-08	3.41E-08	7.08E+00	1.76E+00	1.86E-02	5.44E-02	2.93E-02	2.20E+00	1.04E+02	3.19E+01	6.57E-08	1.08E-07	1.11E-02	1.24E-03	4.28E+00	8.79E+00	1.35E+02	9.96E-06	1.35E+02	1.49E+02	1.31E+01	0.00E+00	0.00E+00	4.42E-02	1.26E+00	
B04946	2.23E-02	5.48E+00	4.36E-01	5.92E+00	6.59E-04	0.00E+00	2.64E+02	2.98E-02	4.24E-03	4.47E-02	1.41E-02	9.99E+00	7.13E-08	6.26E-08	8.02E+00	2.18E+00	1.91E-02	7.16E-02	3.91E-02	3.21E+00	8.99E+01	3.79E+01	3.77E-07	3.59E-07	1.42E-02	1.84E-03	5.38E+00	7.66E+00	1.28E+02	1.39E-04	1.28E+02	1.41E+02	1.30E+01	0.00E+00	0.00E+00	1.25E-01	1.68E+00	
B04947	3.04E-02	8.25E+00	2.53E-01	8.50E+00	1.04E-03	0.00E+00	2.78E+02	3.87E-05	5.70E-03	6.13E-02	1.98E-02	1.94E+01	5.93E-08	8.70E-09	1.02E+01	3.44E+00	2.86E-02	1.02E-01	5.73E-02	3.90E+00	1.30E+02	5.84E+01	5.51E-07	5.23E-07	1.97E-02	2.85E-03	9.87E+00	6.46E+00	1.88E+02	2.08E-04	1.88E+02	2.05E+02	1.81E+01	0.00E+00	0.00E+00	2.39E-01	2.47E+00	
B04956	2.25E-02	5.52E+00	4.36E-01	5.96E+00	6.68E-04	0.00E+00	2.64E+02	2.90E-05	4.27E-03	4.50E-02	1.42E-02	9.99E+00	7.15E-08	6.27E-08	8.06E+00	2.18E+00	1.92E-02	7.17E-02	3.92E-02	3.22E+00	9.08E+01	3.81E+01	3.77E-07	3.60E-07	1.43E-02	1.84E-03	5.82E+00	7.67E+00	1.29E+02	1.39E-04	1.29E+02	1.42E+02	1.33E+01	0.00E+00	0.00E+00	1.25E-01	1.68E+00	
B04957	3.04E-02	8.20E+00	2.96E-01	8.46E+00	1.01E-03	0.00E+00	2.77E+02	3.83E-05	5.6																													

B05770	2.69E-03	1.26E-01	-1.03E-02	1.32E-01	3.81E-06	0.00E+00	5.01E-04	1.03E-05	8.24E-05	9.10E-04	2.48E-04	1.23E+00	4.45E-08	1.25E-08	3.18E+00	7.79E-02	3.36E-04	5.29E-03	3.13E-03	1.10E-01	4.43E-01	6.37E-01	1.28E-08	1.83E-08	3.47E-04	2.92E-05	3.98E-01	8.99E-02	3.26E+00	6.05E-08	3.97E+01	4.01E+01	4.09E-01	0.00E+00	0.00E+00	9.20E-04	1.35E-01	
B05774	2.14E-03	2.45E-01	-1.09E-02	2.53E-01	1.61E-06	0.00E+00	5.21E+00	8.29E-04	1.67E-04	1.79E-03	5.04E-04	2.67E-01	9.04E-08	8.15E-09	2.28E+00	7.79E-02	6.98E-04	4.53E-03	3.27E-03	1.34E-01	8.19E+00	1.62E+00	1.63E-08	1.64E-08	8.07E-04	3.38E-05	3.91E-01	1.39E-01	6.41E+00	3.82E-06	6.79E+00	7.70E+00	6.33E-01	0.00E+00	0.00E+00	5.38E-04	1.39E-01	
B06521	9.58E-03	2.88E+00	2.59E-02	2.88E+00	1.20E-04	0.00E+00	2.17E-01	8.61E-04	1.94E-03	2.24E-02	4.47E-03	3.63E-02	1.15E-08	1.48E-08	5.13E+00	3.63E-01	6.05E-03	1.24E-02	1.63E-02	1.05E+00	4.87E+01	1.91E+01	2.36E-08	5.94E-08	6.14E-03	5.27E-04	3.98E+00	1.21E+00	6.70E+01	2.49E-06	6.79E+01	7.29E+01	5.99E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-01	
B06522	1.24E-02	3.74E+00	5.12E-02	3.79E+00	1.71E-04	0.00E+00	3.06E-01	1.24E-05	2.54E-03	2.86E-02	6.34E-03	4.94E-02	1.91E-08	2.05E-08	5.79E+00	5.15E-01	8.58E-03	2.18E-02	2.21E-02	1.43E+00	7.00E+01	2.99E+01	3.84E-08	7.67E-08	8.13E-03	7.45E-04	4.31E+00	1.88E+00	9.59E+01	4.29E-06	9.59E+01	1.02E+02	3.20E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-01	
B06523	2.39E-02	7.49E+00	-1.35E-01	7.63E+00	3.35E-04	0.00E+00	1.81E-02	2.74E-05	5.39E-03	5.85E-02	1.45E-02	2.26E-01	4.05E-08	4.94E-08	5.97E+00	9.68E-01	1.97E-02	4.05E-02	4.43E-02	2.99E+00	1.27E+02	6.19E+01	6.31E-08	1.51E-07	1.67E-02	1.62E-03	7.18E+00	4.43E+00	1.88E+02	3.95E-06	1.88E+02	2.00E+02	1.16E+01	0.00E+00	0.00E+00	0.00E+00	1.90E+00	
B06524	3.82E-02	1.14E+01	-1.95E-01	1.16E+01	4.94E-04	0.00E+00	2.25E-02	5.04E-05	7.61E-03	8.12E-02	2.07E-02	3.85E-01	8.88E-08	8.14E-08	1.37E+01	1.48E+00	2.80E-02	5.86E-02	6.47E-02	4.81E+00	2.06E+02	8.78E+01	2.08E-07	2.41E-07	2.45E-02	2.73E-03	8.93E+00	6.49E+00	3.26E+02	1.20E-05	2.94E+02	3.09E+02	1.54E+01	0.00E+00	0.00E+00	0.00E+00	2.78E+00	
B06525	3.71E-02	1.20E+01	-1.77E-01	1.22E+01	8.64E-04	0.00E+00	5.42E-02	4.90E-05	6.43E-03	9.16E-02	2.33E-02	2.13E-01	6.33E-08	5.95E-08	8.50E+00	2.47E+00	3.16E-02	7.39E-02	6.95E-02	5.12E+00	2.13E+02	9.46E+01	1.11E-07	2.95E-07	2.64E-02	2.75E-03	1.22E+01	6.75E+00	3.26E+02	4.61E-05	3.08E+02	3.27E+02	1.90E+01	0.00E+00	0.00E+00	0.00E+00	2.97E+00	
B06526	6.25E-02	1.18E+01	-1.43E-01	1.17E+01	1.18E-03	0.00E+00	1.44E+00	1.39E-04	1.23E-02	1.29E-01	3.91E-02	1.26E-01	1.79E-07	1.93E-07	1.05E+01	3.39E+00	4.46E-02	1.06E-01	1.03E-01	4.34E+00	3.94E+02	1.95E+02	4.04E-07	3.93E-07	3.98E-02	4.68E-03	1.39E+01	6.26E+00	4.91E+02	5.17E+02	8.62E+01	0.00E+00	0.00E+00	0.00E+00	4.44E+00			
B06527	8.82E-02	2.65E+01	-5.37E-01	2.70E+01	1.82E-03	0.00E+00	1.44E+00	1.39E-04	1.70E-02	1.79E-01	4.74E-02	7.16E-01	2.37E-07	1.51E-07	3.31E+01	5.33E+00	6.42E-02	1.66E-01	1.45E-01	5.11E+00	1.90E+02	5.48E-07	5.59E-07	5.59E-02	6.73E-03	1.92E+01	1.62E+01	7.01E+02	3.02E-05	7.01E+02	7.38E+02	3.54E+01	0.00E+00	0.00E+00	0.00E+00	6.21E+00		
B06528	1.74E-01	4.95E+01	-2.42E-01	4.97E+01	2.56E-03	0.00E+00	1.35E+00	2.72E-04	2.73E-02	2.88E-01	6.33E-02	1.90E+00	4.69E-07	2.35E-07	8.62E+01	8.59E+00	6.57E-02	2.13E-01	2.51E-01	3.14E+01	9.04E+02	2.99E+02	1.68E-08	1.19E-08	9.84E-02	1.88E-02	3.44E+01	2.06E+01	1.32E+03	4.03E-05	1.20E+03	1.26E+03	5.52E+01	0.00E+00	0.00E+00	0.00E+00	1.06E+01	
B06534	1.50E-02	3.36E+00	-5.47E-02	3.41E+00	1.29E-04	0.00E+00	2.44E-02	4.78E-05	2.12E-03	2.51E-02	5.16E-03	2.10E+00	3.21E-07	5.18E-08	1.70E+01	4.56E-01	8.99E-03	2.43E-02	1.75E-02	7.42E-01	6.09E+01	2.09E+01	3.97E-08	8.91E-08	8.99E-03	2.85E-04	3.89E+00	1.28E+00	8.14E+01	3.28E-05	8.14E+01	8.64E+01	8.95E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-01	
B06537	2.11E-02	4.55E+00	-6.89E-02	4.64E+00	1.73E-04	0.00E+00	2.50E-02	7.73E-05	2.88E-03	3.36E-02	7.30E-03	3.49E+00	5.32E-07	8.46E-08	2.07E+01	6.68E-01	9.89E-03	4.12E-02	2.54E-02	1.03E+00	8.93E+01	2.79E+01	6.33E-08	1.35E-07	8.66E-03	4.26E-04	4.47E+00	1.98E+00	1.17E+02	5.47E-05	1.17E+02	1.24E+02	6.45E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00	
B06540	4.09E-02	8.81E+00	-6.94E-01	9.40E+00	3.33E-04	0.00E+00	1.29E+00	1.50E-04	6.24E-03	6.90E-02	1.76E-02	6.20E+00	9.64E-07	1.57E-07	2.95E+01	1.29E+00	2.39E-02	7.21E-02	4.76E-02	2.10E+00	1.58E+02	6.18E+01	1.37E-07	2.47E-07	1.99E-02	8.93E-04	5.99E+00	9.43E+00	2.27E+02	9.02E-05	2.20E+02	2.35E+02	1.48E+01	0.00E+00	0.00E+00	0.00E+00	2.04E+00	
B06541	6.39E-02	1.40E+01	-7.92E-01	1.46E+01	8.65E-04	0.00E+00	1.66E+00	2.94E-04	9.49E-03	1.06E-01	2.71E-02	7.10E+01	1.71E-08	3.82E-07	4.21E+01	2.98E+00	3.67E-02	1.15E-01	7.69E-02	3.83E+00	2.92E+02	9.89E+01	2.21E-07	3.87E-07	3.07E-02	1.67E-03	1.03E+01	6.20E+00	3.47E+02	3.96E+02	2.93E+01	0.00E+00	0.00E+00	0.00E+00	2.79E-02			
B06542	5.93E-02	1.22E+01	-6.76E-01	1.30E+01	4.84E-04	0.00E+00	1.63E+00	2.56E-04	8.65E-03	9.47E-02	2.51E-02	1.10E+01	1.71E-08	2.60E-07	4.12E+01	2.13E+00	3.40E-02	1.10E-01	7.72E-02	3.88E+00	2.25E+02	9.11E+01	1.92E-07	3.65E-07	3.21E-02	1.88E-03	7.12E+00	1.29E+01	3.16E+02	1.67E-04	3.16E+02	3.36E+02	2.20E+01	0.00E+00	0.00E+00	0.00E+00	3.32E+00	
B06544	1.18E-01	2.69E+01	-6.93E-01	2.73E+01	1.82E-03	0.00E+00	4.23E+00	5.30E-04	1.73E-02	1.89E-01	5.01E-02	2.18E+01	3.33E-08	5.50E-07	7.35E+01	6.77E+00	6.79E-02	2.37E-01	1.66E-01	1.01E+01	4.87E+02	1.95E+02	4.24E-07	7.35E-07	6.79E-02	5.12E-03	1.79E+01	1.65E+01	6.82E+02	3.35E-04	6.82E+02	7.16E+02	3.40E+01	0.00E+00	0.00E+00	0.00E+00	5.57E-02	
B08700	6.86E-02	1.86E+01	-1.47E-01	2.91E+01	1.79E-04	0.00E+00	2.62E+02	6.69E-04	1.56E-02	1.62E-01	8.03E-02	8.67E-01	3.20E-07	2.81E-07	1.36E+02	1.15E+01	1.98E-01	9.31E-02	7.16E-01	2.72E+00	3.62E+02	1.52E+02	6.13E-08	5.76E-07	5.59E-02	1.14E-03	1.52E+01	3.54E+01	5.11E+02	4.85E-06	5.13E+02	5.64E+02	6.96E+01	0.00E+00	0.00E+00	0.00E+00	3.07E+01	
B08702	9.90E-02	1.87E+01	-1.47E-01	2.92E+01	1.79E-04	0.00E+00	2.63E+02	6.62E-04	1.59E-02	1.62E-01	8.03E-02	8.11E-01	3.20E-07	2.83E-07	1.37E+02	1.15E+01	1.99E-01	9.36E-02	7.20E-01	2.72E+00	3.63E+02	1.52E+02	6.17E-08	5.76E-07	5.60E-02	1.14E-03	1.53E+01	3.54E+01	5.13E+02	4.87E-06	5.15E+02	5.66E+02	6.97E+01	0.00E+00	0.00E+00	0.00E+00	3.09E+01	
B08704	2.81E-02	7.12E+00	-2.78E-01	7.48E+00	3.43E-05	0.00E+00	6.46E-01	1.26E-04	5.07E-03	5.42E-02	1.83E-02	2.45E-01	1.14E-07	7.71E-08	6.06E+00	1.46E+00	2.49E-02	7.13E-02	1.12E+01	2.21E+00	4.31E+00	5.54E+01	9.02E-07	3.33E-07	1.74E-02	6.27E-04	6.63E+00	6.85E+00	4.63E+02	4.38E-06	4.35E+02	4.32E+02	1.11E+01	0.00E+00	0.00E+00	0.00E+00	4.64E-03	
B08705	2.90E-02	8.04E+00	-3.00E-01	8.41E+00	3.72E-05	0.00E+00	6.76E-01	1.32E-04	5.93E-03	6.15E-02	1.91E-02	2.57E-01	1.16E-07	8.22E-08	6.09E+00	1.88E+00	2.80E-02	7.25E-02	1.27E-01	2.23E+00	4.32E+00	5.98E+01	1.02E-08	3.39E-07	2.02E-02	6.28E-04	6.79E+00	7.20E+00	4.94E+02	6.84E-06	4.98E+02	4.33E+02	1.16E+01	0.00E+00	0.00E+00	0.00E+00	4.99E-03	
B08712	3.71E-03	7.45E-01	-2.82E-02	7.75E-01	7.88E-06	0.00E+00	1.14E-02	1.53E-05	5.53E-04	6.21E-03	1.61E-03	9.39E-01	9.93E-08	9.39E-08	4.15E+00	9.31E-02	8.21E-03	1.08E-02	5.97E-03	2.45E-01	1.24E+00	8.00E+00	2.79E-08	7.83E-08	1.77E-03	1.33E-04	7.71E-01	6.20E-01	2.48E+01	2.27E+01	2.45E+01	2.95E+01	2.42E+01	3.95E+00	0.00E+00	0.00E+00	1.18E-03	2.55E-01
B08716	3.70E-03	7.08E-01	-2.77E-02	7.54E-01	7.44E-06	0.00E+00	9.67E-01	1.52E-05	5.42E-04	6.33E-03	1.56E-03	6.63E-01	9.93E-08	8.37E-08	4.15E+00	9.31E-02	2.13E-03	1.04E-02	5.76E-03	2.43E-01	1.52E+01	7.93E+00	1.86E-08	2.15E-08	1.77E-03	1.30E-04	7.20E-01	6.78E-01	2.48E+01	5.40E-06	2.32E+01	2.63E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-03	
FV22A	1.08E-01	2.44E+01	-8.26E-01	2.55E+01	3.89E-05	0.00E+00	7.81E-02	3.06E-04	1.93E-02	2.26E-01	6.23E-02	4.37E+00	1.13E-07	2.56E-07	1.09E+02	8.83E-01	6.12E-02	7.54E-02	3.37E-01	2.54E+00	5.81E+02	9.99E+01	1.69E-08	6.49E-07	6.64E-02	8.14E-04	6.38E+00	1.26E+01	7.58E+02	6.70E-05	7.42E+02	8.46E+02	1.97E+01	0.00E+00	0.00E+00	0.00E+00	2.77E-02	
FV32A	9.74E-02	2.45E+01	-8.52E-01	2.53E+01	2.63E-04	0.00E+00	2.10E+00	2.95E-04	1.89E-02	2.13E-01	6.34E-02	3.03E+01	6.07E-08	2.98E-07	1.09E+02	2.37E+00	8.13E-02	1.56E-01	3.02E-01	2.63E+00	5.88E+02	1.20E+02	1.72E-08	6.43E-07	6.37E-02	9.57E-04	6.91E+00	1.53E+01	7.57E+02	2.82E-04	7.37E+02	8.46E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	4.21E-02	
FV62A	1.01E-01	2.52E+01	-8.49E-01	2.60E+01	1.02E-04	0.00E+00	1.95E+00	3.05E-04	1.94E-02	2.14E-01	6.79E-02	7.83E+00	6.25E-08	3.37E-07	1.10E+02	5.29E+00	8.94E-02	9.13E-02	3.16E-01	2.62E+00	6.82E+02	1.23E+02	1.72E-08	6.84E-07	6.59E-02	9.46E-04	6.99E+00	2.04E+01	9.23E+02	2.06E-04	8.86E+02	9.92E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	4.24E-02	
FV																																						

GD313F	4.42E-02	7.78E+00	8.92E-02	8.02E+00	1.92E-04	0.00E+00	2.23E+03	9.70E-05	5.58E-03	5.95E-02	1.60E-02	7.50E+00	2.71E-08	1.84E-07	3.22E+01	6.64E-01	2.16E-02	5.13E-02	4.90E-02	1.26E+00	1.93E+00	5.10E+01	1.18E-07	2.33E-07	1.85E-02	4.96E-04	4.09E+00	2.25E+00	2.49E+02	3.23E-03	2.48E+02	2.54E+02	7.82E+00	0.00E+00	0.00E+00	8.30E-02	2.16E+00
GD313G	3.99E-02	7.62E+00	-3.30E-01	7.95E+00	1.85E-04	0.00E+00	2.23E+03	8.27E-05	5.53E-03	5.91E-02	1.60E-02	8.82E+00	6.20E-08	1.95E-07	3.71E+01	5.52E-01	2.17E-02	4.79E-02	4.41E-02	1.02E+00	2.04E+00	4.98E+01	9.78E-08	2.29E-07	1.81E-02	3.80E-04	3.82E+00	3.30E+00	2.54E+02	9.71E-05	2.54E+02	2.63E+02	9.12E+00	0.00E+00	0.00E+00	4.62E-02	1.89E+00
GD313H	4.30E-02	7.17E+00	1.42E-01	7.52E+00	1.42E-04	0.00E+00	1.75E+03	1.41E-04	5.46E-03	5.80E-02	1.65E-02	7.64E+00	9.22E-07	2.13E-07	2.12E+01	1.23E+00	2.23E-02	5.11E-02	6.27E-02	1.28E+00	1.93E+00	4.87E+01	1.23E-07	2.49E-07	1.84E-02	4.53E-04	4.09E+00	3.29E+00	2.44E+02	3.94E-04	2.38E+02	2.52E+02	7.69E+00	0.00E+00	0.00E+00	7.19E-02	2.68E+00
GD313J	3.61E-02	7.28E+00	8.07E-02	7.60E+00	1.53E-04	0.00E+00	2.11E+03	8.51E-05	5.30E-03	5.69E-02	1.56E-02	7.39E+00	2.54E-08	1.70E-07	2.88E+01	5.98E-01	3.12E-02	4.48E-02	4.44E-02	1.12E+00	1.84E+00	4.88E+01	1.11E-07	2.05E-07	1.68E-02	4.35E-04	3.88E+00	3.13E+00	2.23E+02	5.22E-04	2.27E+02	2.38E+02	7.46E+00	0.00E+00	0.00E+00	7.87E-02	1.92E+00
GD313M	4.30E-02	7.40E+00	-8.06E-01	7.87E+00	1.42E-04	0.00E+00	2.19E+03	9.06E-05	5.51E-03	5.87E-02	1.64E-02	7.38E+00	2.51E-08	2.20E-07	3.34E+01	6.55E-01	2.22E-02	4.54E-02	6.16E-02	1.15E+00	1.95E+00	4.98E+01	1.19E-07	2.30E-07	1.83E-02	4.54E-04	4.06E+00	2.10E+00	2.42E+02	3.89E-04	2.43E+02	2.55E+02	7.53E+00	0.00E+00	0.00E+00	7.43E-02	2.63E+00
GD313S	4.41E-02	7.83E+00	-3.38E-01	8.16E+00	1.85E-04	0.00E+00	2.51E+03	1.04E-05	5.70E-03	6.10E-02	1.83E-02	1.15E+01	6.48E-08	2.45E-07	4.32E+01	5.99E-01	2.20E-02	4.82E-02	6.97E-02	1.10E+00	2.07E+00	4.99E+01	1.18E-07	2.54E-07	1.89E-02	4.17E-04	3.97E+00	3.55E+00	2.57E+02	1.27E-04	2.57E+02	2.66E+02	9.31E+00	0.00E+00	0.00E+00	4.62E-02	2.13E+00
GD313U	4.64E-02	7.91E+00	3.61E-01	8.29E+00	2.32E-04	0.00E+00	2.84E+03	1.80E-05	5.75E-03	6.62E-02	1.65E-02	1.02E+01	7.44E-08	2.37E-07	3.99E+01	7.19E-01	2.23E-02	5.06E-02	6.84E-02	1.30E+00	1.99E+00	5.95E+01	1.31E-07	2.93E-07	1.84E-02	5.09E-04	4.19E+00	3.07E+00	2.49E+02	3.27E-03	2.49E+02	2.62E+02	9.83E+00	0.00E+00	0.00E+00	6.94E-02	2.94E+00
GD318A	4.57E-02	8.06E+00	-3.02E-01	8.36E+00	3.44E-04	0.00E+00	2.87E+03	1.97E-04	6.45E-03	7.14E-02	2.03E-02	1.05E+01	4.96E-07	2.36E-07	4.37E+01	1.88E+00	2.25E-02	5.47E-02	6.84E-02	1.21E+00	2.06E+00	6.94E+01	1.24E-07	2.70E-07	2.22E-02	1.05E-03	5.88E+00	3.85E+00	2.94E+02	3.13E-04	2.92E+02	3.04E+02	9.25E+00	0.00E+00	0.00E+00	4.04E-02	2.94E+00
GD318B	6.64E-02	1.06E+01	-3.69E-01	1.10E+01	3.44E-04	0.00E+00	3.57E+03	8.63E-05	7.81E-03	8.36E-02	2.20E-02	1.55E+01	8.74E-08	3.45E-07	4.36E+01	1.54E+00	3.99E-02	4.73E-02	1.12E-01	2.39E+00	2.65E+00	7.06E+01	1.24E-07	3.48E-07	2.69E-02	1.13E-03	6.01E+00	7.13E+00	3.35E+02	9.00E-03	3.35E+02	1.31E+01	0.00E+00	0.00E+00	8.55E-02	5.68E+00	
GD318M	5.08E-02	8.14E+00	-4.18E-01	8.36E+00	2.91E-04	0.00E+00	1.07E+03	8.41E-05	6.43E-03	6.99E-02	2.13E-02	9.71E+00	9.77E-08	2.67E-07	1.85E+01	1.30E+00	2.88E-02	5.28E-02	6.99E-02	2.24E+00	2.01E+00	6.09E+01	1.18E-07	2.44E-07	2.30E-02	9.96E-04	5.50E+00	8.60E+00	2.71E+02	2.79E-03	2.68E+02	2.73E+02	1.26E+01	0.00E+00	0.00E+00	1.34E-02	3.00E+00
GD318S	5.62E-02	8.96E+00	-3.77E-01	9.84E+00	3.36E-04	0.00E+00	3.51E+03	7.82E-05	7.13E-03	7.61E-02	2.07E-02	1.69E+01	8.56E-08	3.64E-07	4.17E+01	1.30E+00	3.81E-02	6.14E-02	7.96E-02	2.11E+00	2.56E+00	6.17E+01	1.75E-07	3.34E-07	2.43E-02	1.00E-03	4.97E+00	8.91E+00	3.16E+02	1.86E-04	3.16E+02	3.38E+02	1.19E+01	0.00E+00	0.00E+00	4.04E-02	3.42E+00
GD413B	6.32E-02	1.06E+01	-4.05E-01	1.11E+01	3.15E-04	0.00E+00	3.29E+03	1.07E-04	7.81E-03	8.34E-02	2.24E-02	1.32E+01	9.10E-08	2.92E-07	5.06E+01	9.88E-01	3.04E-02	6.42E-02	1.03E-01	1.77E+00	2.76E+00	6.68E+01	1.91E-07	3.27E-07	2.61E-02	7.02E-04	4.99E+00	7.72E+00	3.42E+02	6.83E-03	3.43E+02	3.55E+02	1.27E+01	0.00E+00	0.00E+00	1.43E-01	4.41E+00
GD413D	4.52E-02	7.58E+00	2.89E-01	8.00E+00	1.54E-04	0.00E+00	1.74E+03	1.48E-04	5.77E-03	6.24E-02	1.83E-02	7.76E+00	9.32E-07	2.23E-07	2.18E+01	1.22E+00	2.47E-02	5.24E-02	7.01E-02	1.40E+00	1.85E+00	5.18E+01	1.31E-07	2.29E-07	2.00E-02	5.90E-04	4.54E+00	5.22E+00	2.49E+02	3.99E-03	2.30E+02	2.45E+02	9.37E+00	0.00E+00	0.00E+00	5.11E-02	3.18E+00
GD413F	4.72E-02	8.28E+00	3.66E-01	8.62E+00	1.92E-04	0.00E+00	2.34E+03	9.91E-05	6.04E-03	6.52E-02	1.92E-02	8.81E+00	3.02E-07	3.19E-07	4.23E+01	7.13E-01	3.32E-02	4.85E-02	8.07E-02	3.35E+00	3.08E+00	1.87E+01	1.31E-07	2.93E-07	2.96E-02	6.51E-04	4.80E+00	3.25E+00	2.40E+02	7.02E-03	2.42E+02	2.54E+02	8.55E+00	0.00E+00	0.00E+00	8.21E-02	3.48E+00
GD413J	4.55E-02	8.06E+00	-8.21E-01	8.30E+00	3.44E-04	0.00E+00	2.25E+03	9.04E-05	5.83E-03	6.28E-02	1.83E-02	8.12E+00	2.97E-08	2.43E-07	3.50E+01	6.60E-01	2.47E-02	5.68E-02	7.42E-02	1.27E+00	1.88E+00	5.22E+01	1.28E-07	2.60E-07	1.92E-02	6.00E-04	4.48E+00	2.21E+00	2.32E+02	5.08E-03	2.36E+02	2.49E+02	8.46E+00	0.00E+00	0.00E+00	7.71E-02	3.21E+00
GD413M	4.59E-02	7.88E+00	-6.17E-02	8.30E+00	1.47E-04	0.00E+00	2.20E+03	8.78E-05	5.88E-03	6.39E-02	1.95E-02	7.53E+00	2.88E-08	2.48E-07	3.42E+01	6.88E-01	2.66E-02	5.45E-02	7.49E-02	1.30E+00	2.03E+00	5.29E+01	1.28E-07	2.60E-07	2.04E-02	6.21E-04	4.52E+00	2.23E+00	2.50E+02	6.19E-03	2.54E+02	2.63E+02	8.40E+00	0.00E+00	0.00E+00	7.29E-02	3.24E+00
GD413U	5.05E-02	8.31E+00	3.45E-01	8.66E+00	2.32E-04	0.00E+00	2.62E+03	9.91E-05	6.16E-03	6.59E-02	1.94E-02	1.03E+01	7.23E-08	2.53E-07	4.00E+01	7.19E-01	2.44E-02	5.45E-02	7.93E-02	1.41E+00	1.89E+00	5.72E+01	1.37E-07	2.60E-07	2.09E-02	6.52E-04	4.51E+00	8.17E+00	2.36E+02	6.10E-03	2.42E+02	2.54E+02	1.01E+01	0.00E+00	0.00E+00	6.84E-02	3.41E+00
GD418A	5.38E-02	1.08E+01	-4.23E-01	1.12E+01	5.18E-04	0.00E+00	3.14E+03	2.06E-04	7.91E-03	8.47E-02	2.43E-02	1.23E+01	5.06E-07	2.97E-07	3.41E+01	2.11E+00	3.29E-02	5.87E-02	8.14E-02	2.42E+00	2.87E+00	7.49E+01	1.62E-07	3.35E-07	2.65E-02	1.19E-03	6.91E+00	7.86E+00	3.62E+02	1.46E-04	3.62E+02	3.77E+02	1.49E+01	0.00E+00	0.00E+00	4.04E-02	3.50E+00
GD418B	7.31E-02	1.34E+01	-4.17E-01	1.39E+01	5.88E-04	0.00E+00	4.20E+03	9.92E-05	9.81E-03	1.05E-01	2.85E-02	1.95E+01	1.04E-07	4.32E-07	6.41E+01	2.11E+00	3.85E-02	5.99E-02	1.68E-01	3.16E+00	3.44E+00	8.71E+01	2.00E-07	4.34E-07	3.40E-02	1.51E-03	7.85E+00	8.48E+00	4.32E+02	1.17E-02	4.32E+02	4.48E+02	1.63E+01	0.00E+00	0.00E+00	8.55E-02	7.23E+00
GD418M	6.25E-02	1.08E+01	-4.95E-01	1.13E+01	3.42E-04	0.00E+00	1.26E+03	8.51E-05	6.39E-03	6.82E-02	2.60E-02	1.25E+01	2.17E-07	2.88E-07	2.20E+01	1.38E+00	3.51E-02	5.61E-02	6.54E-02	2.45E+00	2.77E+00	7.43E+01	1.41E-07	3.53E-07	2.71E-02	1.19E-02	5.88E+00	8.26E+00	3.62E+02	3.43E-03	3.62E+02	3.79E+02	1.97E+01	0.00E+00	0.00E+00	1.74E-02	3.61E+00
GD418S	7.01E-02	1.40E+01	-4.80E-01	1.15E+01	4.13E-04	0.00E+00	3.24E+03	8.66E-05	8.17E-03	8.73E-02	2.45E-02	1.61E+01	9.21E-08	4.57E-07	4.21E+01	1.57E+00	3.32E-02	4.85E-02	8.87E-02	3.35E+00	3.02E+00	7.29E+01	1.32E-07	3.84E-07	2.78E-02	1.13E-03	6.11E+00	8.05E+00	4.48E+02	1.86E-04	3.74E+02	3.98E+02	1.54E+01	0.00E+00	0.00E+00	4.04E-02	3.91E+00
GD418SMB	3.60E-02	9.27E+00	-5.33E-01	9.61E+00	1.50E-04	0.00E+00	2.13E+02	4.72E-05	6.31E-03	6.52E-02	2.06E-02	3.71E+01	9.12E-08	1.31E-07	1.30E+01	4.61E-01	2.79E-02	6.42E-02	7.06E-02	2.13E+00	3.10E+00	5.07E+01	1.36E-07	2.34E-07	2.17E-02	4.33E-04	5.02E+00	2.03E+00	2.40E+02	1.43E-03	4.34E+02	4.36E+02	8.40E+00	0.00E+00	0.00E+00	3.66E-04	3.02E+00
GL24PP	3.82E-02	1.00E+01	2.83E-01	1.03E+01	2.48E-05	0.00E+00	1.65E+03	8.03E-05	6.49E-03	6.97E-02	2.22E-02	9.88E+00	1.61E-07	1.52E-07	2.32E+01	1.02E+00	3.00E-02	8.88E-02	7.65E-02	2.41E+00	1.57E+00	5.92E+01	3.07E-07	3.19E-07	2.33E-02	1.58E-03	5.02E+00	5.88E+00	2.33E+02	1.05E-02	2.32E+02	2.40E+02	1.11E+01	0.00E+00	0.00E+00	7.07E-02	3.28E+00
GL24TP	4.10E-02	1.04E+01	2.79E-01	1.06E+01	2.93E-05	0.00E+00	1.64E+03	1.11E-04	6.84E-03	7.28E-02	2.32E-02	3.39E+01	2.43E-07	1.55E-07	2.38E+01	1.18E+00	3.14E-02	9.98E-02	9.72E-02	3.95E+00	1.83E+00	9.26E+01	9.50E-07	5.90E-07	3.35E-02	1.64E-03	5.34E+00	6.42E+00	3.02E+02	1.44E-02	2.95E+02	3.08E+02	3.35E+01	0.00E+00	0.00E+00	7.39E-02	4.25E+00
GL42PP	5.54E-02	1.26E+01	-4.99E-01	1.35E+01	2.62E-05	0.00E+00	1.85E+03	7.80E-05	9.13E-03	9.78E-02	3.21E-02	1.08E+01	1.97E-07	2.19E-07	2.75E+01	1.19E+00	4.29E-02	1.53E-01	1.11E-01	2.96E+00	2.68E+00	8.94E+01	3.78E-07	4.54E-07	3.22E-02	2.07E-03	5.23E+00	8.75E+00	3.31E+02	1.19E-02	3.31E+02	3.48E+02	1.51E+01	0.00E+00	0.00E		

JK113B26	1.38E-01	3.15E+01	5.31E-02	3.23E-01	1.49E-04	0.00E+00	3.88E+02	3.72E-04	2.26E-02	3.03E-01	6.01E-02	7.51E-01	1.09E-07	2.85E-07	1.25E+02	3.37E+00	8.11E-02	9.53E-02	3.60E-01	3.31E+00	6.02E+02	1.03E+02	6.55E-07	1.09E+06	7.71E-02	9.99E-04	7.71E+00	5.62E+00	7.47E+02	6.61E+00	7.51E+02	8.79E+02	1.94E+01	0.00E+00	0.00E+00	1.15E+02	1.59E+01	
JK213	2.41E-01	4.30E+01	-9.37E-01	4.39E+01	9.73E-05	0.00E+00	3.21E+02	5.69E-04	3.34E-02	4.68E-01	7.79E-02	1.76E+00	2.82E-07	3.87E-07	1.80E+02	1.08E+00	1.06E-01	9.07E-02	5.75E-01	8.19E+00	8.50E+02	1.83E+02	7.18E-06	1.62E+06	1.11E-01	1.33E-03	1.93E+02	1.10E+01	1.01E+03	9.42E+00	1.01E+03	1.24E+03	2.24E+02	0.00E+00	0.00E+00	0.00E+00	2.47E+01	
JK213D	2.42E-01	4.37E+01	4.84E-01	4.41E+01	9.73E-05	0.00E+00	3.16E+02	5.65E-04	3.32E-02	4.69E-01	7.65E-02	1.77E+00	2.27E-07	3.89E-07	1.80E+02	1.08E+00	1.03E-01	8.90E-02	5.75E-01	8.09E+00	8.56E+02	1.89E+02	7.17E-06	1.62E+06	1.11E-01	1.30E-03	1.94E+02	1.24E+01	1.02E+03	9.51E+00	1.02E+03	1.25E+03	2.22E+02	0.00E+00	0.00E+00	0.00E+00	2.47E+01	
JS013	1.38E-01	2.44E+01	5.23E-01	2.49E+01	9.73E-05	0.00E+00	1.84E+02	3.02E-04	1.89E-02	2.84E-01	4.42E-02	9.85E-01	1.58E-07	2.19E-07	1.01E+02	6.17E+00	5.99E-02	5.15E-02	3.23E-01	3.60E+00	4.80E+02	9.36E+01	4.04E-06	9.11E-02	6.26E-02	8.24E-04	1.09E+02	1.74E+01	5.73E+02	5.30E+00	5.73E+02	6.99E+02	3.26E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+01	
JS013C	1.63E-01	2.94E+01	-4.16E-01	2.99E+01	9.73E-05	0.00E+00	2.17E+02	3.84E-04	2.25E-02	3.16E-01	5.19E-02	1.19E+00	1.64E-07	2.63E-07	1.21E+02	7.41E+00	7.03E-02	6.04E-02	3.87E-01	4.18E+00	5.76E+02	1.12E+02	4.87E-06	1.09E+06	7.48E-02	9.07E-04	1.32E+02	1.62E+01	6.88E+02	6.39E+00	6.88E+02	8.38E+02	1.50E+02	0.00E+00	0.00E+00	0.00E+00	1.66E+01	
JZ103	2.00E-03	4.46E-01	1.21E-02	4.73E-01	0.00E+00	0.00E+00	4.27E+00	1.60E-06	4.07E-04	4.41E-03	1.30E-03	1.45E-02	3.77E-09	2.04E-09	1.62E+00	5.52E-03	1.76E-03	1.51E-03	2.70E-03	1.36E-01	7.96E+00	5.48E+00	4.70E-09	1.17E+08	1.22E-03	7.62E-05	4.79E-01	5.83E-01	1.68E+01	7.33E-08	1.35E+01	1.45E+01	1.06E+00	0.00E+00	0.00E+00	1.16E+01		
JZ104	2.00E-03	5.20E-01	2.54E-02	5.55E-01	0.00E+00	0.00E+00	1.49E+00	2.02E-06	3.44E-04	3.84E-03	1.02E-03	8.65E-03	3.55E-09	1.94E-09	1.60E+00	5.40E-03	1.29E-03	4.78E-03	3.63E-03	1.49E-01	7.52E+00	6.96E+00	2.75E-09	1.17E+08	1.12E-03	6.07E-05	3.21E-01	4.11E-01	1.32E+01	5.40E-08	1.38E+01	1.44E+01	7.31E-01	0.00E+00	0.00E+00	0.00E+00	1.46E+01	
JZ131	2.29E-03	4.50E-01	-5.06E-02	4.90E-01	0.00E+00	0.00E+00	1.37E+00	2.87E-06	3.55E-04	3.84E-04	1.62E-03	6.94E-04	1.76E-09	6.72E-01	1.24E-02	1.31E-02	1.63E-02	9.16E-02	1.63E-01	6.96E+00	2.97E+00	4.48E-09	1.90E+08	1.11E-03	3.23E-05	8.11E-01	6.18E-01	9.96E+00	3.60E+00	9.96E+00	1.15E+01	1.50E+01	1.06E+00	0.00E+00	0.00E+00	6.98E+02		
JZ132	9.33E-03	1.83E+00	-5.86E-01	2.41E+00	0.00E+00	0.00E+00	1.36E+01	3.19E-05	1.97E-03	1.52E-02	7.44E-03	1.01E-01	7.24E-08	6.44E-08	3.02E+00	5.18E-02	1.21E-02	8.64E-03	8.71E-03	5.59E-01	2.95E+01	1.94E+01	4.58E-08	5.28E+08	8.64E-03	2.17E-04	1.03E+00	7.83E+00	4.90E+01	8.21E+00	4.90E+01	5.58E+01	1.60E+00	0.00E+00	0.00E+00	3.74E+01		
JZ181	2.70E-03	5.10E-01	4.65E-02	5.76E-01	0.00E+00	0.00E+00	2.18E+00	5.52E-06	4.32E-04	5.04E-03	1.25E-03	2.85E-01	8.31E-08	1.94E-09	2.07E+00	1.39E-02	1.69E-03	1.46E-03	1.91E-03	9.89E-02	8.38E+00	3.99E+00	1.63E-08	2.12E+08	1.34E-03	3.80E-05	8.98E-01	9.21E-01	1.24E+01	3.52E+00	1.24E+01	1.41E+01	1.73E+00	0.00E+00	0.00E+00	0.00E+00	8.17E+02	
JZ182	1.14E-02	2.35E+00	-6.70E-01	3.01E+00	0.00E+00	0.00E+00	1.61E+01	4.00E-05	3.38E-03	2.34E-02	8.84E-03	1.10E-01	8.30E-08	7.52E-09	3.06E+00	7.07E-02	1.20E-02	1.05E-02	4.69E-01	3.65E+01	2.48E+01	5.55E-08	6.40E+08	8.91E-03	2.56E-04	1.25E+00	8.97E+00	6.15E+01	8.28E+00	6.13E+01	6.90E+01	7.73E+00	0.00E+00	0.00E+00	0.00E+00	4.52E+01		
TN904	1.03E-03	1.40E-01	-8.99E-03	1.46E-01	2.58E-06	0.00E+00	1.10E+00	8.28E-05	1.06E-04	1.15E-03	3.13E-04	7.73E-01	3.94E-08	8.74E-09	2.37E+00	6.67E-02	4.23E-04	1.47E-03	2.41E-03	7.37E-02	6.31E+00	8.22E-01	4.26E-09	9.90E+09	3.79E-04	2.71E-05	2.88E-01	1.19E-01	3.55E+00	2.03E+00	3.47E+00	3.86E+00	3.93E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+01	
VA12A	2.76E-02	6.08E+00	2.83E-01	6.37E+00	3.09E-05	0.00E+00	7.48E+02	5.67E-05	4.04E-03	4.41E-02	1.35E-02	3.95E+00	9.34E-09	9.30E-08	2.41E+01	1.98E-01	1.83E-02	2.51E-02	3.99E-02	8.70E-01	2.23E+00	3.07E+01	9.20E-08	1.51E-07	1.43E-02	2.60E-04	2.02E+00	4.22E+00	3.56E+00	6.75E-05	2.54E+02	2.00E+02	6.24E+00	0.00E+00	0.00E+00	3.95E-02	1.71E+00	
VA12B	2.37E-02	3.97E+00	2.33E-01	8.20E+00	4.09E-05	0.00E+00	1.36E+01	1.57E-04	2.82E-03	3.09E-02	9.90E-03	6.40E+00	3.94E-07	1.38E-07	3.03E+01	4.55E-01	1.23E-02	4.17E-02	2.81E-02	7.39E-01	8.49E+01	3.30E+01	1.03E-07	1.44E-07	9.97E-03	2.62E-04	1.99E+00	3.51E+00	1.15E+00	9.40E+00	5.15E+00	1.21E+02	3.46E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00	
VA12BN	2.62E-02	4.49E+00	2.39E-01	4.88E+00	2.12E-05	0.00E+00	4.40E+00	6.78E-05	3.19E-03	3.45E-02	9.65E-03	6.86E+00	4.15E-08	1.47E-01	3.16E+01	1.88E-01	1.31E-02	2.47E-02	2.87E-02	7.04E-01	9.64E+01	3.10E+01	1.06E-07	1.49E-07	1.10E-02	2.64E-04	1.54E+00	3.58E+00	1.30E+00	7.71E+00	1.30E+02	1.36E+02	5.12E+00	0.00E+00	0.00E+00	3.65E-02	1.23E+00	
VA12CN	3.39E-02	5.00E+00	2.98E-01	5.26E+00	2.12E-05	0.00E+00	2.08E+00	9.99E-05	3.65E-03	3.96E-02	1.05E-02	1.12E+01	4.71E-08	2.30E-07	4.10E+01	2.64E-01	1.42E-02	3.44E-02	3.87E-02	8.41E-01	1.15E+02	3.18E+01	1.42E-07	1.94E-07	1.29E-02	3.21E-04	1.77E+00	3.92E+00	1.47E+02	1.24E-04	1.47E+02	1.13E+02	6.69E+00	0.00E+00	0.00E+00	3.65E-02	1.68E+00	
VA12D	2.86E-02	5.96E+00	2.12E-01	6.35E+00	3.03E-05	0.00E+00	9.13E+02	7.45E-05	4.09E-03	4.38E-02	1.35E-02	4.73E+00	3.75E-08	1.21E-07	2.59E+01	2.39E-01	1.82E-02	2.91E-02	3.66E-02	8.77E-01	1.87E+02	3.59E+01	1.07E-07	1.59E-07	1.42E-02	3.39E-04	1.95E+00	3.88E+00	2.36E+00	6.66E-05	2.31E+02	2.45E+02	6.63E+00	0.00E+00	0.00E+00	3.69E-02	1.55E+00	
VA12DK	2.03E-02	3.95E+00	-2.97E-01	4.25E+00	2.06E-05	0.00E+00	7.61E+02	5.69E-05	2.78E-03	3.06E-02	8.95E-03	4.37E+00	4.56E-08	9.52E-08	2.45E+01	2.09E-01	1.21E-02	2.42E-02	2.19E-02	7.41E-01	8.87E+01	2.91E+01	7.80E-08	1.23E-07	8.54E-03	2.89E-04	1.95E+00	3.48E+00	1.26E+00	4.75E-05	1.20E+02	1.23E+02	5.99E+00	0.00E+00	0.00E+00	3.75E-02	9.38E-01	
VA12DN	2.90E-02	5.80E+00	-1.37E-01	6.13E+00	4.39E-05	0.00E+00	1.33E+02	1.35E-04	4.07E-03	4.28E-02	1.28E-02	5.74E+00	7.51E-07	1.35E-07	2.78E+01	4.54E-01	1.74E-02	3.82E-02	4.12E-02	8.69E-01	1.47E+02	3.65E+01	1.05E-07	1.60E-07	1.41E-02	3.49E-04	1.85E+00	3.20E+00	2.15E+00	1.04E-04	2.01E+02	2.16E+02	5.80E+00	0.00E+00	0.00E+00	9.31E-03	1.77E+00	
VA12E	2.16E-02	4.09E+00	-2.99E-01	4.36E+00	2.06E-05	0.00E+00	8.75E+02	6.48E-05	2.83E-03	3.09E-02	9.31E-03	4.99E+00	4.22E-08	1.04E-07	2.39E+01	2.08E-01	1.28E-02	2.52E-02	7.64E-01	9.49E+01	3.01E+01	1.03E-07	1.39E-07	9.74E-03	2.03E-04	1.79E+00	4.25E+00	1.26E+00	5.86E-05	1.29E+02	1.28E+02	5.99E+00	0.00E+00	0.00E+00	4.09E-02	1.12E+00		
VA12G	2.84E-02	6.17E+00	-1.41E-01	6.37E+00	1.53E-04	0.00E+00	1.72E+02	1.34E-04	4.24E-03	4.65E-02	1.34E-02	6.00E+00	6.85E-07	2.82E-07	6.42E+01	6.97E-01	1.32E-02	4.17E-02	6.38E-02	4.11E-02	9.16E-01	1.85E+02	3.37E+01	1.03E-07	1.54E-07	1.42E-02	4.26E-04	2.06E+00	3.26E+00	1.26E+00	5.02E+00	2.14E+02	2.24E+02	7.98E+00	0.00E+00	0.00E+00	1.03E+02	1.77E+00
VA12K	4.95E-03	1.22E+00	-4.92E-01	1.45E+00	1.23E-04	0.00E+00	4.99E+01	1.31E-03	1.04E-03	1.05E-02	3.75E-03	8.22E-01	2.48E-08	1.86E-08	2.41E+00	5.15E-01	4.96E-03	8.33E-03	5.54E-01	1.12E+01	3.01E-08	3.31E+08	3.10E-03	2.86E-07	1.10E-02	2.86E-04	3.16E-01	1.44E+00	6.75E+01	7.68E-05	6.24E+01	6.65E+01	2.99E+00	0.00E+00	0.00E+00	1.84E-04	3.47E-01	
VA12N	2.87E-02	5.80E+00	3.13E-01	6.24E+00	2.91E-05	0.00E+00	2.12E+00	9.98E-05	4.12E-03	4.33E-02	1.40E-02	9.12E+00	2.52E-07	1.75E-07	3.62E+01	2.80E-01	1.90E-02	4.33E-02	3.78E-02	1.09E+00	1.79E+02	3.79E+01	1.29E-07	1.84E-07	1.43E-02	4.43E-04	2.13E+00	5.04E+00	2.27E+02	3.33E-04	2.25E+02	2.38E+02	6.68E+00	0.00E+00	0.00E+00	4.43E-02	1.62E+00	
VA12NL	1.97E-02	3.88E+00	2.43E-01	4.12E+00	2.12E-05	0.00E+00	7.03E+02	5.36E-05	2.77E-03	2.99E-02	8.99E-03	3.53E+00	3.61E-08	7.83E-09	2.42E+01	1.67E-01	1.22E-02	1.88E-02	2.09E-02	5.79E-01	8.48E+01	3.02E+01	7.90E-08	1.19E-07	9.36E-03	2.26E-04	1.34E+00	3.52E+00	1.15E+00	3.91E-05	1.15E+02	1.20E+02	8.86E+00	0.00E+00	0.00E+00	3.65E-02	8.98E-01	
VA24A	3.69E-02	8.62E+00	-3.79E-01	9.00E+00	3.82E-05	0.00E+00	8.83E+02	6.80E-05	5.65E-03	6.12E-02	1.90E-02	3.79E+00	5.39E-08	1.09E-07	2.44E+01	2.35E-01	2.80E-02	3.52E-02	5.62E-02	8.86E-01	3.35E+02	4.21E+01	1.15E-07	2.00E-07	2.01E-02	3.42E-04	2.94E+00	5.77E+00	3.77E+00	8.32E-05	3.77E+02	3.85E+02	7.81E+00	0.00E+00	0.00E+00	4.91E-02	2.41E+00	
VA24B	3.09E-																																					

VB318PE	5.79E-02	1.55E+01	4.34E-01	1.60E+01	1.75E-03	0.00E+00	1.80E-03	8.64E-05	1.10E-02	1.17E-01	3.96E-02	7.75E+00	4.94E-07	2.52E-07	3.44E+01	6.40E+00	5.38E-02	7.28E-02	1.24E-01	8.15E+00	3.05E+02	1.43E+02	2.45E-07	3.93E-07	3.73E-02	4.88E-03	1.44E+01	1.16E+01	4.48E+02	8.80E-05	4.48E+02	4.74E+02	2.63E+01	0.00E+00	0.00E+00	4.96E-02	5.33E+00
VB318PP	6.27E-02	1.62E+01	-4.66E-01	1.66E+01	1.75E-03	0.00E+00	2.18E-03	8.64E-05	1.14E-02	1.22E-01	3.98E-02	9.01E+00	4.96E-07	2.70E-07	3.55E+01	6.03E+00	5.41E-02	7.57E-02	1.17E-01	8.99E+00	3.26E+02	1.43E+02	2.42E-07	4.07E-07	3.82E-02	4.03E-03	1.38E+01	1.17E+01	4.69E+02	1.02E-04	4.69E+02	4.94E+02	2.55E+01	0.00E+00	0.00E+00	4.96E-02	5.01E+00
VB318R	6.03E-02	1.55E+01	4.36E-01	1.59E+01	1.77E-03	0.00E+00	2.19E-03	8.87E-05	1.10E-02	1.17E-01	3.98E-02	9.49E+00	1.53E-07	2.77E-07	3.26E+01	6.34E+00	5.30E-02	7.61E-02	1.24E-01	8.95E+00	3.13E+02	1.39E+02	2.42E-07	4.04E-07	3.74E-02	4.73E-03	1.41E+01	1.16E+01	4.49E+02	1.06E-04	4.49E+02	4.75E+02	2.57E+01	0.00E+00	0.00E+00	8.86E-02	5.31E+00
VB318TB	5.12E-02	1.49E+01	4.00E-01	1.53E+01	1.78E-03	0.00E+00	4.09E-02	2.63E-04	1.02E-02	1.12E-01	3.85E-02	8.18E+00	1.09E-06	1.95E-07	2.52E+01	6.02E+00	5.24E-02	8.94E-02	1.21E-01	8.11E+00	2.83E+02	1.42E+02	2.32E-07	3.58E-07	3.55E-02	4.88E-03	1.47E+01	1.15E+01	4.23E+02	7.85E-05	4.23E+02	4.51E+02	3.62E+01	0.00E+00	0.00E+00	1.06E-02	5.20E+00
VB418A	6.70E-02	1.54E+01	-5.04E-01	1.59E+01	6.67E-04	0.00E+00	2.34E-03	7.35E-04	1.12E-02	1.19E-01	3.80E-02	1.10E+01	7.07E-07	2.96E-07	4.12E+01	3.25E+00	5.18E-02	6.03E-02	1.24E-01	8.70E+00	3.32E+02	1.37E+02	2.15E-07	4.24E-07	3.73E-02	3.45E-03	9.93E+00	1.09E+01	4.69E+02	1.24E-04	4.69E+02	4.89E+02	3.02E+01	0.00E+00	0.00E+00	4.96E-02	5.32E+00
VB418B	7.58E-02	2.00E+01	4.10E-01	2.04E+01	2.49E-03	0.00E+00	2.73E-03	1.13E-04	1.39E-02	1.48E-01	4.93E-02	1.19E+01	1.81E-07	3.52E-07	3.94E+01	8.88E+00	6.71E-02	9.66E-02	1.57E-01	1.04E+01	4.08E+02	1.74E+02	3.12E-07	5.09E-07	4.75E-02	6.11E-03	1.84E+01	1.32E+01	5.82E+02	1.32E-04	5.82E+02	6.14E+02	3.16E+01	0.00E+00	0.00E+00	8.86E-02	6.73E+00
VB418C	6.04E-02	2.01E+01	4.23E-01	2.05E+01	1.96E-03	0.00E+00	1.95E-03	1.02E-04	1.36E-02	1.48E-01	4.79E-02	8.89E+01	1.24E-07	3.85E-07	2.66E+01	7.26E+00	6.47E-02	2.55E-01	1.72E-01	1.09E+01	2.92E+02	1.61E+02	1.48E-06	1.41E-06	4.79E-02	6.32E-03	1.63E+01	1.27E+01	5.82E+02	6.60E-04	4.99E+02	4.89E+02	2.90E+01	0.00E+00	0.00E+00	1.79E-01	7.36E+00
VB418L	7.18E-02	2.00E+01	4.30E-01	2.04E+01	2.38E-03	0.00E+00	4.54E-03	1.00E-04	1.45E-02	1.48E-01	5.07E-02	1.11E+01	2.14E-07	3.70E-07	7.68E+01	8.00E+00	6.88E-02	9.68E-02	1.77E-01	8.84E+00	8.25E+02	1.61E+02	3.08E-07	5.73E-07	4.91E-02	5.73E-03	1.74E+01	1.32E+01	5.23E+02	3.69E-03	6.78E+02	6.88E+02	3.25E+01	0.00E+00	0.00E+00	4.37E-02	7.52E+00
VB418MMP	7.46E-02	1.98E+01	4.18E-01	2.06E+01	2.38E-03	0.00E+00	4.58E-03	2.12E-04	1.49E-02	1.54E-01	5.03E-02	8.59E+00	2.14E-07	2.56E-07	7.72E+01	8.06E+00	6.80E-02	9.68E-02	1.77E-01	8.84E+00	8.25E+02	1.61E+02	3.08E-07	5.73E-07	4.91E-02	5.73E-03	1.74E+01	1.32E+01	5.23E+02	3.69E-03	6.78E+02	6.88E+02	3.25E+01	0.00E+00	0.00E+00	4.37E-02	7.52E+00
VB418MMT	7.18E-02	1.96E+01	4.10E-01	2.02E+01	2.37E-03	0.00E+00	5.36E-02	1.76E-04	1.43E-02	1.51E-01	4.90E-02	6.99E+00	2.14E-07	2.49E-07	4.17E+01	7.97E+00	6.68E-02	9.74E-02	1.59E-01	9.80E+00	8.09E+02	1.98E+02	3.06E-07	5.41E-07	4.71E-02	5.73E-03	1.72E+01	1.18E+01	5.10E+02	3.88E-03	6.68E+02	8.44E+02	3.11E+01	0.00E+00	0.00E+00	4.36E-02	6.67E+00
VB418MTP	7.05E-02	1.96E+01	4.09E-01	2.02E+01	2.36E-03	0.00E+00	5.29E-02	1.74E-04	1.38E-02	1.45E-01	4.90E-02	8.21E+00	2.36E-07	2.53E-07	4.04E+01	7.97E+00	6.68E-02	1.03E-01	1.57E-01	9.80E+00	8.08E+02	1.99E+02	3.02E-07	4.96E-07	4.67E-02	5.74E-03	1.73E+01	1.19E+01	5.16E+02	3.88E-03	6.68E+02	8.45E+02	3.11E+01	0.00E+00	0.00E+00	4.22E-02	6.61E+00
VB418MTT	7.60E-02	1.99E+01	-4.15E-01	2.06E+01	2.41E-03	0.00E+00	5.29E-02	2.17E-04	1.49E-02	1.49E-01	5.09E-02	8.76E+00	2.31E-07	2.60E-07	8.10E+01	8.04E+00	6.93E-02	1.03E-01	1.80E-01	9.84E+00	8.14E+02	1.92E+02	3.04E-07	5.41E-07	4.89E-02	5.76E-03	1.74E+01	1.63E+01	5.41E+02	3.69E-03	6.88E+02	9.34E+02	3.25E+01	0.00E+00	0.00E+00	4.23E-02	7.67E+00
VB418P	8.05E-02	2.01E+01	4.24E-01	2.05E+01	1.96E-03	0.00E+00	1.95E-03	1.02E-04	1.39E-02	1.46E-01	4.79E-02	8.89E+01	1.25E-07	3.70E-07	2.89E+01	7.26E+00	6.47E-02	2.55E-01	1.72E-01	1.09E+01	2.98E+02	1.61E+02	1.48E-06	1.41E-06	4.79E-02	6.32E-03	1.63E+01	1.27E+01	5.82E+02	6.60E-04	4.99E+02	4.89E+02	2.90E+01	0.00E+00	0.00E+00	2.79E-01	7.36E+00
VB418PB	6.16E-02	1.89E+01	4.29E-01	1.92E+01	2.48E-03	0.00E+00	4.36E-02	2.79E-04	1.33E-02	1.39E-01	4.80E-02	8.18E+00	1.23E-07	2.77E-07	9.12E+00	6.53E-02	6.53E-02	1.21E-01	1.48E+01	3.09E+01	3.67E+02	2.88E-07	4.32E-07	4.41E-02	6.16E-03	1.93E+01	1.29E+01	5.49E+02	7.92E-05	5.48E+02	5.76E+02	3.49E+01	0.00E+00	0.00E+00	1.06E-02	6.34E+00	
VB418PE	7.12E-02	1.97E+01	-3.07E-01	2.01E+01	2.48E-03	0.00E+00	2.16E-03	1.06E-04	1.37E-02	1.46E-01	4.94E-02	8.13E+00	6.34E-07	3.09E-07	4.00E+01	8.71E+00	6.72E-02	9.27E-02	1.54E-01	1.04E+01	3.98E+02	1.79E+02	3.11E-07	4.83E-07	4.67E-02	6.19E-03	1.89E+01	1.32E+01	5.76E+02	7.04E-04	5.76E+02	6.08E+02	3.21E+01	0.00E+00	0.00E+00	4.96E-02	6.62E+00
VB418PP	7.79E-02	2.00E+01	4.41E-01	2.10E+01	2.48E-03	0.00E+00	2.39E-03	1.05E-04	1.43E-02	1.52E-01	4.98E-02	1.10E+01	6.36E-07	3.37E-07	4.24E+01	8.23E+00	6.77E-02	9.71E-02	1.47E-01	9.27E+00	4.25E+02	1.79E+02	3.11E-07	5.07E-07	4.81E-02	5.33E-03	1.81E+01	1.32E+01	6.04E+02	1.24E-04	6.04E+02	6.35E+02	3.14E+01	0.00E+00	0.00E+00	4.96E-02	6.30E+00
VB418R	7.58E-02	2.00E+01	4.10E-01	2.04E+01	2.49E-03	0.00E+00	2.73E-03	1.13E-04	1.39E-02	1.48E-01	4.93E-02	1.19E+01	1.81E-07	3.52E-07	3.94E+01	8.88E+00	6.71E-02	9.66E-02	1.57E-01	1.04E+01	4.08E+02	1.74E+02	3.12E-07	5.09E-07	4.75E-02	6.11E-03	1.84E+01	1.32E+01	5.82E+02	1.32E-04	5.82E+02	6.14E+02	3.16E+01	0.00E+00	0.00E+00	8.86E-02	6.73E+00
VB418TB	6.17E-02	1.89E+01	-3.73E-01	1.93E+01	2.48E-03	0.00E+00	4.36E-02	2.79E-04	1.33E-02	1.39E-01	4.80E-02	8.18E+00	1.23E-07	2.77E-07	9.12E+00	6.53E-02	6.53E-02	1.21E-01	1.48E+01	3.09E+01	3.67E+02	2.88E-07	4.32E-07	4.41E-02	6.16E-03	1.93E+01	1.29E+01	5.44E+02	7.95E-05	5.44E+02	5.76E+02	3.19E+01	0.00E+00	0.00E+00	1.06E-02	6.34E+00	
VD101ND	1.11E-03	2.94E-01	-1.84E-02	2.88E-01	7.55E-07	0.00E+00	7.28E-02	2.90E-04	1.86E-04	2.03E-03	7.16E-04	7.27E-03	3.36E-02	2.55E-02	1.67E+00	1.21E-01	9.97E-04	7.32E-03	1.74E-03	2.07E-01	8.71E+00	2.61E+00	7.59E-09	8.88E-09	8.18E-04	2.87E-04	4.85E-01	2.02E-01	8.87E+00	1.23E-05	7.55E+00	8.37E+00	6.79E-01	0.00E+00	0.00E+00	5.18E-03	7.31E-02
VD102ND	1.40E-03	4.58E-01	2.81E-02	3.02E-01	2.14E-07	0.00E+00	2.54E-02	2.98E-04	3.33E-04	3.98E-03	1.08E-03	1.42E-03	3.50E-02	2.76E-02	1.57E+00	3.72E-02	9.62E-04	8.42E-04	1.96E-03	6.75E-02	2.91E+00	3.10E+00	2.76E-09	5.92E-09	6.29E-04	4.25E-02	1.78E-01	2.64E-01	9.07E+00	8.38E-05	6.01E+00	6.45E+00	4.42E-01	0.00E+00	0.00E+00	0.00E+00	8.42E-02
VD102NE	1.14E-03	2.42E-01	-2.81E-02	2.70E-01	0.00E+00	0.00E+00	1.23E+00	1.08E-04	2.03E-04	2.11E-03	8.71E-04	1.62E-03	3.81E-02	3.19E-02	1.66E+00	4.51E-02	1.18E-03	1.01E-03	2.30E-03	7.87E-02	2.52E+00	3.41E+00	2.09E-09	6.10E-09	8.42E-04	5.27E-05	1.92E-01	4.21E-01	5.93E+00	7.97E-05	5.93E+00	6.50E+00	5.48E-01	0.00E+00	0.00E+00	0.00E+00	9.87E-02
VD102NT	9.06E-04	2.45E-01	2.87E-02	2.74E-01	0.00E+00	0.00E+00	1.20E+01	1.22E-04	2.07E-04	2.15E-03	8.78E-04	1.58E-03	3.94E-02	1.46E-02	1.66E+00	4.51E-02	1.19E-03	1.02E-03	2.30E-03	7.91E-02	2.57E+00	3.42E+00	2.17E-09	6.09E-09	6.51E-04	5.29E-05	1.93E-01	4.29E-01	5.99E+00	8.07E-05	5.99E+00	6.57E+00	5.62E-01	0.00E+00	0.00E+00	0.00E+00	9.90E-02
VD104NE	1.22E-03	3.15E-01	4.95E-02	3.84E-01	0.00E+00	0.00E+00	1.88E+00	1.60E-04	2.89E-04	2.92E-03	1.22E-03	2.24E-03	6.52E-02	1.76E-02	1.83E+00	6.09E-02	1.65E-03	1.42E-03	3.11E-03	1.11E-01	3.22E+00	4.55E+00	3.02E-09	8.16E-09	8.84E-04	7.32E-05	1.28E-01	7.28E-01	7.77E+00	9.92E-05	7.77E+00	8.62E+00	8.47E-01	0.00E+00	0.00E+00	0.00E+00	1.33E-01
VD104NT	1.24E-03	3.21E-01	-4.95E-02	3.71E-01	0.00E+00	0.00E+00	2.34E+01	1.88E-04	2.91E-04	2.98E-03	1.23E-03	2.32E-03	6.68E-02	1.93E-02	1.83E+00	6.07E-02	1.66E-03	1.43E-03	3.11E-03	1.11E-01	3.31E+00	4.98E+00	3.15E-09	8.29E-09	8.89E-04	7.32E-05	1.34E-01	7.20E-01	7.89E+00	9.99E-05	7.89E+00	8.74E+00	8.54E-01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
VD106NE	4.64E-03	9.99E-01	-8.14E-02	1.08E+00	0.00E+00	0.00E+00	4.18E+00	3.60E-06	7.50E-04	7.96E-03	2.89E-03	5.55E-03	1.14E-02	5.52E-02	1.74E+00	1.45E-01	3.92E-03	1.66E-02	9.49E-03	2.73E-01	2.49E+01	1.02E+01	6.07E-09	3.91E-09	2.48E-03	1.82E-04	1.94E+00	1.27E+00	3.50E+01	3.27E-06	3.59E+01	3.74E+01	2.31E+00	0.00E+00	0.00E+00		

VE103PN	5.98E-03	1.57E+00	5.31E-02	1.63E+00	3.68E-04	0.00E+00	1.36E+01	8.43E-06	1.07E-03	1.15E-02	3.46E-03	1.55E-01	1.24E-08	1.10E-08	6.38E+00	1.32E+00	4.89E-03	1.07E-02	8.37E-03	9.29E-01	1.09E+00	9.10E+00	4.11E-08	8.32E-08	3.45E-03	4.56E-04	3.31E+00	1.35E+00	1.09E+00	4.04E-08	1.09E+00	1.09E+00	4.95E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-01	
VE103S	7.99E-03	1.56E+00	-8.07E-02	1.64E+00	5.25E-05	0.00E+00	2.91E-02	4.50E-05	1.21E-03	1.33E-02	3.59E-03	1.33E+00	1.37E-07	3.13E-08	8.20E+00	6.38E-01	4.86E-03	1.96E-02	1.27E-02	5.06E-01	1.09E+00	1.08E+00	6.97E-08	5.67E-08	4.32E-03	2.67E-04	3.02E+00	1.36E+00	1.09E+00	9.32E-03	1.09E+00	1.09E+00	4.38E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-01	
VE103SN	6.05E-03	1.60E+00	5.14E-02	1.65E+00	3.76E-04	0.00E+00	1.38E+01	8.56E-04	1.08E-03	1.16E-02	3.52E-03	1.55E-01	1.24E-08	1.12E-08	6.39E+00	1.34E+00	4.77E-03	1.06E-02	8.48E-03	9.44E-01	1.09E+00	9.28E+00	4.18E-08	3.66E-08	3.51E-03	4.65E-04	3.25E+00	1.36E+00	1.09E+00	4.04E-08	1.09E+00	1.09E+00	4.60E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-01	
VE103U	7.44E-03	1.53E+00	-1.00E-01	1.60E+00	5.88E-05	0.00E+00	2.43E-02	2.02E-05	1.13E-03	1.21E-02	4.12E-03	4.58E+00	3.51E-07	8.20E-08	8.42E+00	4.52E-01	5.58E-03	2.29E-02	1.48E-02	6.13E-01	1.11E+00	1.33E-01	8.08E-08	4.66E-08	3.93E-03	3.39E-04	2.56E+00	1.68E+00	1.13E+00	4.37E-03	1.12E+00	1.11E+00	3.82E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-04	6.36E-01
VE106A	1.24E-02	2.42E+00	-1.17E-02	2.54E+00	9.18E-05	0.00E+00	4.64E-02	7.46E-05	1.87E-03	2.02E-02	5.74E-03	2.05E+00	2.26E-07	5.22E-08	9.18E+00	9.56E-01	7.77E-03	3.63E-02	2.02E-02	7.65E-01	1.42E+00	1.73E+00	1.04E-07	8.10E-08	8.74E-03	4.05E-04	2.99E+00	2.04E+00	1.42E+00	1.53E-02	1.42E+00	1.42E+00	5.04E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-01	
VE106D	1.08E-02	2.19E+00	-8.13E-02	2.29E+00	8.98E-05	0.00E+00	4.70E-02	7.48E-05	1.76E-03	1.89E-02	5.67E-03	1.88E+00	2.23E-07	4.53E-08	8.42E+00	7.11E-01	7.72E-03	2.95E-02	1.89E-02	7.81E-01	1.33E+00	1.75E+00	9.44E-08	8.71E-08	6.42E-03	4.04E-04	2.92E+00	1.53E+00	1.31E+00	1.42E-02	1.33E+00	1.34E+00	4.99E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-03	8.15E-01
VE106E	8.44E-03	1.97E+00	-1.19E-01	2.09E+00	9.18E-05	0.00E+00	1.09E+01	7.39E-04	1.53E-03	1.64E-02	5.22E-03	3.59E-02	1.77E-08	1.40E-08	5.66E+00	8.22E-01	7.96E-03	1.92E-02	1.46E-02	6.65E-01	1.42E+00	1.67E+00	7.14E-08	6.91E-08	5.52E-03	3.73E-04	2.94E+00	1.99E+00	1.42E+00	1.53E-02	1.42E+00	1.42E+00	4.47E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-01	
VE106F	6.56E-03	1.98E+00	-1.18E-01	2.28E+00	9.18E-05	0.00E+00	2.85E-02	6.45E-05	1.88E-03	1.81E-02	5.47E-03	2.03E+00	2.26E-07	4.62E-08	7.40E+00	9.34E-01	7.40E-03	2.27E-02	1.79E-02	7.65E-01	1.42E+00	1.71E+00	8.55E-08	4.90E-08	6.08E-03	4.23E-04	2.93E+00	2.02E+00	1.42E+00	1.53E-02	1.42E+00	1.42E+00	4.31E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-01	
VE106G	9.07E-03	1.96E+00	-1.18E-01	1.99E+00	9.24E-05	0.00E+00	6.55E+01	1.28E-05	1.48E-03	5.24E-03	1.96E-01	2.06E-08	1.70E-08	6.25E+00	8.18E-01	7.08E-03	2.72E-02	1.58E-02	6.47E-01	1.41E+00	1.48E+00	7.50E-08	4.71E-08	5.27E-03	3.59E-04	2.42E+00	1.86E+00	1.42E+00	1.65E-02	1.41E+00	1.41E+00	4.88E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04	6.78E-01	
VE106H	2.29E-02	3.20E+00	-4.95E-02	3.24E+00	6.23E-04	0.00E+00	3.03E-02	2.11E+00	2.24E-03	2.43E-02	6.85E-03	1.08E+01	1.54E-08	2.26E-07	2.91E+01	2.54E+00	9.28E-03	5.25E-02	3.52E-02	1.95E+00	1.42E+00	1.55E+00	1.46E-07	1.66E-07	8.22E-03	8.71E-04	5.18E+00	2.15E+00	1.42E+00	1.55E-02	1.42E+00	1.42E+00	7.34E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00	
VE106L	9.99E-03	2.26E+00	-8.13E-02	2.39E+00	8.97E-05	0.00E+00	3.16E-02	6.74E-05	1.73E-03	1.86E-02	5.36E-03	1.51E+00	1.50E-07	4.38E-08	7.93E+00	9.12E-01	7.27E-03	3.08E-02	1.82E-02	7.63E-01	1.39E+00	1.68E+00	9.08E-08	6.44E-08	6.21E-03	4.18E-04	2.66E+00	1.53E+00	1.39E+00	1.48E-02	1.39E+00	1.40E+00	4.60E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	7.97E-01
VE106M	9.79E-03	2.26E+00	-1.53E-01	2.38E+00	9.94E-05	0.00E+00	3.74E-02	6.90E-05	1.72E-03	1.87E-02	5.46E-03	1.28E+00	1.61E-07	4.65E-08	7.75E+00	9.18E-01	7.37E-03	3.23E-02	1.78E-02	7.49E-01	1.44E+00	1.72E+00	9.71E-08	6.42E-08	6.05E-03	4.18E-04	2.60E+00	2.09E+00	1.42E+00	1.48E-02	1.44E+00	1.43E+00	4.66E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-03	7.70E-01
VE106N	1.29E-02	2.84E+00	6.83E-02	2.71E+00	1.05E-04	0.00E+00	9.62E-02	8.71E-05	1.88E-03	2.10E-02	5.98E-03	2.83E+00	1.89E+01	1.02E+00	7.73E-03	3.82E-02	2.39E-02	1.93E-02	1.83E-01	1.33E+00	1.69E+00	3.29E-07	8.59E-08	6.92E-03	4.47E-04	2.96E+00	1.74E+00	1.42E+00	1.99E-02	1.38E+00	1.40E+00	4.46E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-02	9.94E-01	
VE106PN	8.70E-03	2.48E+00	6.94E-02	2.54E+00	6.22E-04	0.00E+00	2.24E+01	1.33E-05	1.64E-03	1.74E-02	5.89E-03	1.61E-01	1.84E-08	1.91E-08	6.10E+00	1.23E+00	7.92E-03	1.89E-02	1.33E-02	6.59E-01	1.42E+00	1.51E+00	1.96E-07	9.52E-08	5.36E-03	7.56E-04	3.98E+00	1.74E+00	1.42E+00	1.53E-02	1.42E+00	1.42E+00	5.86E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-01	
VE106R	9.75E-03	2.26E+00	-1.23E-01	2.39E+00	9.92E-05	0.00E+00	4.34E-02	6.82E-05	1.72E-03	1.84E-02	5.43E-03	1.50E+00	1.57E-07	4.56E-08	7.99E+00	9.29E-01	7.35E-03	2.41E-02	1.76E-02	7.49E-01	1.44E+00	1.73E+00	8.55E-08	6.59E-08	6.19E-03	4.18E-04	2.52E+00	1.21E+00	1.44E+00	1.54E-02	1.44E+00	1.43E+00	4.52E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-03	7.61E-01
VE106S	1.26E-02	2.46E+00	-1.16E-01	2.58E+00	9.18E-05	0.00E+00	4.64E-02	7.47E-05	1.89E-03	2.06E-02	5.80E-03	2.05E+00	2.26E-07	5.28E-08	9.24E+00	9.55E-01	7.85E-03	3.64E-02	2.04E-02	7.73E-01	1.42E+00	1.78E+00	1.04E-07	8.28E-08	6.84E-03	4.09E-04	3.33E+00	2.05E+00	1.42E+00	1.50E-02	1.42E+00	1.42E+00	5.38E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-01	
VE106SN	8.74E-03	2.50E+00	-6.59E-02	2.56E+00	6.29E-04	0.00E+00	2.26E+01	1.34E-05	1.65E-03	1.78E-02	5.74E-03	1.61E-01	1.86E-08	1.83E-08	6.10E+00	2.14E+00	7.77E-03	1.90E-02	1.34E-02	1.51E+00	1.42E+00	1.53E+00	6.31E-08	5.09E-08	6.42E-03	7.63E-04	3.89E+00	2.04E+00	1.42E+00	1.51E-02	1.42E+00	1.42E+00	5.92E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-01	
VE106U	2.00E-02	2.82E+00	-1.06E-01	2.92E+00	9.18E-05	0.00E+00	6.68E-02	1.52E-05	2.15E-03	2.32E-02	6.35E-03	1.02E+01	1.17E-08	1.68E-07	2.32E+01	8.35E-01	8.59E-03	5.32E-02	3.34E-02	1.17E+00	1.45E+00	1.74E+00	2.05E-07	1.84E-07	6.36E-03	5.53E-04	3.39E+00	2.10E+00	1.42E+00	1.54E-02	1.42E+00	1.42E+00	4.93E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00	
VE106YN	9.99E-03	2.47E+00	-6.88E-02	2.59E+00	6.84E-04	0.00E+00	3.65E-02	6.68E-05	1.88E-03	1.98E-02	6.01E-03	1.07E+00	1.82E-07	3.98E-08	7.16E+00	2.26E+00	8.16E-03	3.40E-02	1.71E-02	1.74E+00	1.36E+00	1.66E+00	1.01E-07	5.68E-08	6.93E-03	1.03E-03	3.65E+00	1.95E+00	1.35E+00	8.21E-03	1.34E+00	1.36E+00	5.66E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	7.44E-01
VE110A	1.33E-02	3.15E+00	-1.34E-01	3.29E+00	1.51E-04	0.00E+00	7.25E-02	9.51E-04	2.43E-03	2.59E-02	7.80E-03	2.90E+00	3.01E-07	6.78E-08	1.07E-01	1.36E+00	1.08E-02	4.21E-02	2.67E-02	1.20E+00	1.91E+00	2.44E+00	1.39E-07	9.73E-08	6.88E-03	6.65E-04	5.52E+00	2.55E+00	1.92E+00	2.11E-02	1.91E+00	1.91E+00	4.11E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00	
VE110D	1.35E-02	3.20E+00	-8.51E-02	3.29E+00	1.47E-04	0.00E+00	8.17E-02	9.31E-05	2.44E-03	2.65E-02	8.05E-03	3.20E+00	3.33E-07	6.65E-08	1.72E+00	1.36E+00	1.09E-02	4.68E-02	2.63E-02	1.15E+00	1.98E+00	2.42E+00	1.96E-07	9.52E-08	6.86E-03	6.70E-04	5.70E+00	2.50E+00	1.78E+00	2.03E-02	1.90E+00	1.92E+00	4.88E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03	1.13E+00
VE110E	1.14E-02	2.96E+00	-1.33E-01	3.07E+00	1.53E-04	0.00E+00	7.10E-02	2.06E-05	2.18E-03	2.35E-02	7.36E-03	4.68E-01	2.66E-08	3.80E-08	8.86E+00	1.19E+00	9.96E-03	3.73E-02	2.29E-02	1.05E+00	1.86E+00	2.23E+00	1.02E-07	6.93E-08	8.78E-03	5.70E-04	1.77E+00	1.28E+00	1.86E+00	2.00E-02	1.85E+00	1.87E+00	4.38E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03	9.69E-01
VE110F	1.39E-02	2.96E+00	-1.36E-01	3.10E+00	1.51E-04	0.00E+00	4.83E-02	9.23E-05	2.29E-03	2.44E-02	7.56E-03	1.27E+00	1.81E-07	4.94E-08	8.95E+00	1.35E+00	1.02E-02	3.66E-02	2.44E-02	1.08E+00	1.91E+00	2.41E+00	1.17E-07	7.88E-08	8.34E-03	6.05E-04	1.42E+00	2.53E+00	1.91E+00	2.11E-02	1.91E+00	1.91E+00	3.95E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+00	
VE110G	1.14E-02	2.82E+00	-1.33E-01	2.93E+00	1.53E-04	0.00E+00	7.72E-02	1.98E-05	2.09E-03	2.23E-02	7.18E-03	4.68E-01	2.64E-08	3.67E-08	8.89E+00	1.19E+00	9.74E-03	3.71E-02	2.29E-02	1.05E+00	1.87E+00	2.22E+00	1.01E-07	6.88E-08	7.53E-03	5.70E-04	1.74E+00	1.23E+00	1.86E+00	2.02E-02	1.86E+00	1.87E+00	4.31E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	9.88E-01
VE110H	4.80E-02	5.08E+00	-2.47E-01	5.11E+00	8.74E-04	0.00E+00	8.96E-02	1.93E-04	3.57E-03	3.86E-02	1.03E-02	2.80E+01	2.84E-08	5.21E-07	6.41E-01	3.40E+00	1.40E-02	1.06E-01	7.20E-03	3.07E+00	1.91E+00	2.25E+00	3.44E-07	3.87E-07	1.4													

VE312S	5.70E-02	1.20E+01	3.82E-01	1.24E+01	7.89E-04	0.00E+00	2.45E-03	6.98E-05	8.03E-03	9.64E-02	2.83E-02	1.30E+01	9.10E-08	3.21E-07	5.06E+01	4.14E+00	3.83E-02	1.23E-01	1.04E-01	4.65E+00	3.83E+00	8.60E+01	4.29E-07	3.54E-07	3.32E-02	2.51E-03	7.58E+00	8.36E+00	3.94E+00	6.92E-02	3.84E+00	3.94E+00	1.59E+01	0.00E+00	0.00E+00	3.65E-02	4.47E+00	
VE312SN	4.07E-02	1.22E+01	-1.49E-01	1.24E+01	3.21E-03	0.00E+00	1.11E-02	6.38E-05	7.77E-03	8.24E-02	2.74E-02	5.00E-01	7.29E-08	9.15E-08	2.20E+01	1.00E+00	3.71E-02	1.04E-01	6.65E-02	7.51E+00	3.84E+00	7.69E+01	2.72E-07	2.29E-07	2.58E-02	3.67E-03	1.87E+01	9.04E+00	3.84E+00	2.57E-05	3.84E+00	3.85E+00	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.86E+00	
VE318L	5.69E-02	1.57E+01	4.28E-01	1.61E+01	1.23E-03	0.00E+00	9.38E-01	4.20E-04	1.15E-02	1.23E-01	3.85E-02	4.59E+00	7.48E-07	2.19E-07	3.07E+01	6.74E+00	6.22E-02	2.03E-01	1.25E-01	8.00E+00	4.64E+00	1.27E-02	5.30E-07	3.81E-07	4.23E-02	3.31E-03	1.07E+01	1.05E+01	4.60E+00	1.05E-01	4.65E+00	4.65E+00	1.21E+01	0.00E+00	0.00E+00	0.00E+00	5.38E+00	
VE318PN	5.62E-02	1.75E+01	-1.19E-01	1.72E+01	4.68E-03	0.00E+00	1.69E-02	9.04E-05	1.09E-02	1.16E-01	3.92E-02	5.31E-01	9.40E-08	1.32E-07	2.72E+01	1.43E+01	5.31E-02	1.51E-01	9.45E-02	1.07E+01	4.65E+00	1.12E-02	3.83E-07	3.13E-07	3.65E-02	5.57E-03	2.27E+01	1.05E+01	4.68E+00	3.45E-05	4.66E+00	4.66E+00	3.31E+01	0.00E+00	0.00E+00	0.00E+00	4.06E+00	
VE318S	7.12E-02	1.67E+01	-4.54E-01	1.72E+01	1.22E-03	0.00E+00	2.47E-03	8.59E-05	1.23E-02	1.32E-01	3.99E-02	1.31E+01	1.12E-07	3.52E-07	5.53E+01	5.97E-05	5.40E-02	1.70E-01	1.37E-01	4.64E+00	4.64E+00	1.27E-02	5.79E-07	4.43E-07	4.54E-02	3.55E-03	1.95E+01	1.08E+01	4.66E+00	1.04E-01	4.66E+00	4.66E+00	1.13E+01	0.00E+00	0.00E+00	3.65E-02	5.90E+00	
VE318SN	5.69E-02	1.77E+01	-1.12E-01	1.78E+01	4.76E-03	0.00E+00	1.62E-02	9.17E-05	1.11E-02	1.17E-01	3.99E-02	5.33E-01	9.48E-08	1.34E-07	2.73E+01	1.48E+01	5.40E-02	1.52E-01	9.87E-02	1.09E+01	4.65E+00	1.19E-02	3.89E-07	3.17E-07	3.71E-02	5.66E-03	2.30E+01	1.05E+01	4.68E+00	3.46E-05	4.69E+00	4.69E+00	3.35E+01	0.00E+00	0.00E+00	0.00E+00	4.11E+00	
VE412H	1.85E-01	2.07E+01	2.97E-02	2.07E+01	4.02E-03	0.00E+00	2.87E-02	1.64E-03	1.44E-02	1.57E-01	4.29E-02	9.95E+00	9.12E-08	1.96E-07	2.43E+01	1.62E+01	5.91E-02	3.89E-01	3.91E-01	1.29E+01	4.47E+00	1.01E-02	1.15E-06	1.31E-06	5.67E-02	6.19E-03	2.91E+01	1.03E+01	4.46E+00	3.35E-03	4.48E+00	4.48E+00	1.94E+01	0.00E+00	0.00E+00	0.00E+00	1.21E+01	
VE412L	5.09E-02	1.60E+01	-1.30E-01	1.62E+01	1.18E-03	0.00E+00	1.35E-02	4.14E-03	1.02E-02	1.00E-01	3.36E-02	4.55E+00	7.30E-08	2.06E-07	6.61E+00	4.54E-02	1.84E-01	1.12E-01	3.95E+00	4.66E+00	1.09E-02	4.65E-07	3.24E-07	3.71E-02	2.97E-03	9.50E+00	9.48E+00	4.48E+00	1.08E-01	4.48E+00	4.48E+00	1.90E+01	0.00E+00	0.00E+00	0.00E+00	4.81E+00		
VE412PN	4.90E-02	1.49E+01	-1.43E-01	1.51E+01	3.94E-03	0.00E+00	1.35E-02	7.73E-04	9.39E-03	9.96E-02	3.34E-02	6.54E-01	8.45E-08	1.13E-07	2.57E+01	1.22E+01	4.53E-02	1.84E-01	8.21E-02	9.12E+00	4.48E+00	9.42E+01	3.61E-07	2.75E-07	3.14E-02	4.73E-03	1.95E+01	9.36E+00	4.47E+00	3.38E-05	4.47E+00	4.47E+00	2.88E+01	0.00E+00	0.00E+00	0.00E+00	3.52E+00	
VE412S	6.48E-02	1.45E+01	4.23E-01	1.50E+01	1.05E-03	0.00E+00	2.46E-03	7.88E-05	1.08E-02	1.15E-01	3.44E-02	1.31E+01	1.02E-07	3.38E-07	5.41E+01	5.22E+00	4.46E-02	1.55E-01	1.23E-01	5.65E+00	4.46E+00	1.98E-02	5.04E-07	4.01E-07	3.97E-02	3.07E-03	9.59E+00	9.69E+00	4.46E+00	8.55E-02	4.48E+00	4.47E+00	1.88E+01	0.00E+00	0.00E+00	3.65E-02	5.26E+00	
VE412SN	4.99E-02	1.51E+01	-1.38E-01	1.53E+01	4.09E-03	0.00E+00	1.37E-02	7.83E-05	8.51E-03	1.01E-01	3.39E-02	6.56E-01	8.45E-08	1.15E-07	2.58E+01	1.24E+01	4.59E-02	1.35E-01	8.29E-02	9.25E+00	4.46E+00	9.56E+01	3.36E-07	2.79E-07	3.18E-02	4.80E-03	1.97E+01	9.41E+00	4.47E+00	3.38E-05	4.47E+00	4.47E+00	3.91E+01	0.00E+00	0.00E+00	0.00E+00	3.56E+00	
VF104PEH	6.14E-03	1.74E+00	-1.58E-01	1.92E+00	1.11E-04	0.00E+00	2.72E-02	3.12E-05	1.49E-03	1.57E-02	5.39E-03	6.54E-01	8.55E-08	1.94E-08	3.00E+00	5.22E-01	7.30E-03	1.15E-02	1.37E-02	7.15E-01	2.18E+01	1.91E+01	4.45E-08	5.26E-08	8.82E-03	3.65E-04	9.63E-01	4.24E+00	2.53E-03	4.11E+01	4.37E+01	3.90E+00	0.00E+00	0.00E+00	1.37E-01	5.96E-01		
VF104PJ	6.00E-03	1.78E+00	-1.57E-01	1.91E+00	1.06E-04	0.00E+00	1.27E+01	1.91E-05	1.49E-03	1.54E-02	5.39E-03	6.86E-01	5.22E-08	1.54E-08	2.13E+00	5.05E-01	7.30E-03	1.15E-02	1.32E-02	6.91E-01	2.26E+01	1.75E+01	4.09E-08	5.32E-08	4.89E-03	3.64E-04	9.61E-01	2.43E+00	2.49E+01	1.93E-03	4.24E+01	4.57E+01	3.90E+00	0.00E+00	0.00E+00	1.20E-01	5.60E-01	
VF104PP	5.99E-03	1.28E+00	2.11E-01	1.51E+00	8.42E-05	0.00E+00	1.64E-03	3.96E-05	1.83E-03	1.35E-02	5.97E-03	6.55E-01	1.22E-08	1.40E-08	3.37E+00	4.46E-01	9.25E-03	1.42E-02	1.13E-02	6.25E-01	1.75E+01	2.67E-08	4.52E-08	4.19E-03	3.59E-04	6.64E-01	3.34E+00	2.99E+01	1.22E-03	2.29E-01	3.76E+01	4.01E+00	0.00E+00	0.00E+00	2.14E-01	6.04E-01		
VF104PY	5.70E-03	1.52E+00	-1.56E-01	1.71E+00	1.07E-04	0.00E+00	4.68E-02	1.89E-05	1.29E-03	1.33E-02	5.21E-03	2.80E-01	5.45E-08	1.40E-08	2.42E+00	5.04E-01	7.05E-03	1.05E-02	1.30E-02	6.25E-01	2.25E+01	1.74E-01	3.77E-08	4.24E-08	5.19E-03	3.56E-04	9.98E-01	2.43E+00	4.19E+01	1.22E-03	4.18E+01	4.48E-01	3.87E+00	0.00E+00	0.00E+00	1.20E-01	5.53E-01	
VF104TD	6.47E-03	1.87E+00	-7.79E-02	2.02E+00	3.43E-04	0.00E+00	2.30E-01	2.70E-05	1.56E-03	1.61E-02	5.68E-03	6.97E-01	6.21E-08	1.96E-08	3.12E+00	1.13E+00	7.68E-03	1.22E-02	1.37E-02	1.05E+00	2.38E+01	1.84E+01	4.35E-08	5.01E-08	5.16E-03	7.44E-04	2.20E+00	1.61E+00	4.24E+01	4.08E-04	4.27E+01	4.68E+01	4.87E+00	0.00E+00	0.00E+00	1.21E-01	5.90E-01	
VF104TJ	5.96E-03	1.78E+00	-1.29E-01	1.99E+00	3.43E-04	0.00E+00	2.24E-01	2.75E-05	1.54E-03	1.58E-02	5.36E-03	6.75E-01	8.32E-08	1.92E-08	3.02E+00	1.14E+00	7.29E-03	1.18E-02	1.34E-02	9.83E-01	2.41E+01	1.89E+01	4.50E-08	5.13E-08	5.12E-03	7.35E-04	2.19E+00	2.07E+00	4.30E+01	4.55E-04	4.34E+01	4.77E+01	4.74E+00	0.00E+00	0.00E+00	1.21E-01	5.76E-01	
VF104TM	6.44E-03	1.86E+00	-1.35E-01	2.03E+00	3.45E-04	0.00E+00	2.30E-01	2.84E-05	1.54E-03	1.62E-02	5.61E-03	6.78E-01	8.76E-08	1.94E-08	3.03E+00	1.14E+00	7.60E-03	1.22E-02	1.37E-02	1.05E+00	2.36E+01	1.91E+01	4.60E-08	4.98E-08	5.11E-03	7.54E-04	2.24E+00	2.30E+00	4.26E+01	4.05E-04	4.30E+01	4.70E+01	4.77E+00	0.00E+00	0.00E+00	1.21E-01	5.85E-01	
VF104TR	7.15E-03	2.40E+00	-1.32E-01	2.57E+00	3.67E-04	0.00E+00	5.23E-02	3.25E-05	1.86E-03	2.00E-02	6.34E-03	6.78E-01	8.66E-08	2.70E-08	6.93E+00	1.19E+00	8.59E-03	1.52E-02	1.44E-02	1.20E+00	4.94E+01	2.01E+01	5.72E-08	6.20E-08	6.70E-03	7.65E-04	2.78E+00	2.41E+00	6.52E+01	1.02E-03	6.22E+01	6.74E+01	5.06E+00	0.00E+00	0.00E+00	7.62E-02	6.24E-01	
VF104TS	7.14E-03	2.19E+00	-8.41E-02	2.34E+00	3.66E-04	0.00E+00	1.37E-03	3.70E-05	1.70E-03	1.82E-02	5.79E-03	6.86E-01	9.74E-08	3.24E-08	6.97E+00	1.21E+00	7.62E-03	1.68E-02	1.42E-02	1.09E+00	4.14E+01	1.98E+01	5.62E-08	6.12E-08	6.12E-03	7.73E-04	2.74E+00	1.69E+00	5.13E+01	4.41E-04	5.32E+01	5.95E+01	5.10E+00	0.00E+00	0.00E+00	1.78E-01	6.19E-01	
VF108PA	7.61E-03	1.99E+00	6.20E-02	2.10E+00	1.13E-04	0.00E+00	1.73E-02	3.96E-05	1.83E-03	1.72E-02	6.90E-03	7.77E-01	7.61E-08	2.36E-08	5.28E+00	5.62E-01	9.24E-03	1.95E-02	1.74E-02	7.52E-01	4.08E+01	4.12E+01	4.02E+01	4.37E-08	6.95E-08	5.88E-03	3.97E-04	1.84E+00	1.47E-03	6.30E+01	2.08E-03	5.91E+01	6.45E+01	4.99E+00	0.00E+00	0.00E+00	1.48E-01	7.36E-01
VF108PD	7.62E-03	1.99E+00	-1.56E-01	2.04E+00	1.22E-04	0.00E+00	3.69E+01	3.80E-05	1.58E-03	1.68E-02	6.74E-03	4.97E-01	7.91E-08	2.08E-08	5.13E+00	5.94E-01	9.16E-03	1.92E-02	1.72E-02	7.20E-01	4.06E+01	2.02E+01	4.55E-08	5.83E-08	5.33E-03	3.97E-04	1.38E+00	2.55E+00	5.87E+01	2.24E-03	5.52E+01	5.69E+01	3.82E+00	0.00E+00	0.00E+00	1.46E-01	7.28E-01	
VF108PE	7.60E-03	1.80E+00	-1.51E-01	1.76E+00	1.01E-04	0.00E+00	1.06E+01	3.35E-05	1.45E-03	1.51E-02	6.68E-03	5.55E-01	1.02E-07	2.36E-08	3.02E+00	5.22E-01	9.04E-03	1.44E-02	1.29E-02	6.11E-01	1.94E+01	1.63E+01	2.60E-08	4.92E-08	4.72E-03	3.53E-04	1.01E+00	2.58E+00	3.57E+01	1.04E-05	3.57E+01	3.93E+01	3.59E+00	0.00E+00	0.00E+00	2.62E-01	5.54E-01	
VF108PEB	5.89E-03	1.38E+00	-1.57E-01	1.55E+00	8.89E-05	0.00E+00	9.07E+00	6.91E-05	1.29E-03	1.32E-02	6.40E-03	2.61E-02	2.29E-08	1.08E-08	1.80E+00	4.30E-01	8.67E-03	1.06E-02	1.06E-02	5.29E-01	1.61E+01	1.55E+01	1.79E-08	3.85E-08	4.11E-03	3.20E-04	7.87E-01	2.55E+00	3.15E+01	6.59E-07	3.15E+01	3.49E+01	3.34E+00	0.00E+00	0.00E+00	2.62E-01	4.53E-01	
VF108PEH	7.32E-03	1.82E+00	-1.77E-01	2.02E+00	1.32E-04	0.00E+00	7.04E-02	2.18E-05	1.65E-03	1.68E-02	6.97E-03	1.17E-01	7.52E-08	1.74E-08	2.50E+00	6.14E-01	9.49E-03	2.03E-02	1.55E-02	8.08E-01	4.34E+01	2.05E+01	4.65E-08	5.47E-08	5.19E-03	3.95E-04	1.19E+00	3.07E+00	6.14E+01	2.21E-03	6.15E+01	6.74E+01	4.04E+00	0.00E+00	0.00E+00			

VF118PR	2.97E-02	7.01E+00	-3.57E-01	7.30E+00	4.98E-04	0.00E+00	5.08E-02	5.11E-05	4.97E-03	5.29E-02	1.80E-02	5.60E+00	1.59E-07	1.05E-07	1.42E+01	2.23E+00	2.16E-02	4.82E-02	3.16E+00	1.33E+00	5.60E+01	1.46E-07	1.84E-07	1.75E-02	1.65E-03	5.79E+00	6.66E+00	1.80E+02	8.83E-03	1.81E+02	1.93E+02	1.16E+01	0.00E+00	0.00E+00	4.12E-02	2.06E+00	
VF118PS	3.15E-02	6.17E+00	-3.93E-01	6.56E+00	7.94E-05	0.00E+00	1.41E+03	3.40E-05	4.82E-03	5.07E-02	1.61E-02	6.03E+00	2.05E-07	1.52E-07	1.70E+01	8.49E-01	2.18E-02	6.78E-02	5.42E-02	1.85E+00	1.22E+02	5.47E+01	1.19E-07	1.90E-07	1.66E-02	1.10E+00	6.49E+00	1.76E+02	7.74E-03	1.78E+02	1.84E+02	7.69E+00	0.00E+00	0.00E+00	3.90E-02	2.33E+00	
VF118PT	9.11E-02	7.71E+00	3.09E-01	8.02E+00	2.91E-05	0.00E+00	1.36E+03	4.36E-04	6.21E-03	6.88E-02	1.85E-02	5.00E+01	3.51E-06	9.42E-07	1.12E+02	1.84E+00	2.50E-02	1.86E-01	1.32E-01	2.51E+00	1.46E+02	5.53E+01	4.59E-07	6.25E-07	2.50E-02	1.22E+03	4.54E+00	6.38E+00	2.02E+02	8.27E-03	2.02E+02	2.13E+02	1.09E+01	0.00E+00	0.00E+00	0.00E+00	5.68E+00
VF118PY	3.01E-02	6.23E+00	3.27E-01	6.59E+00	9.54E-05	0.00E+00	8.86E+02	5.75E-05	4.67E-03	5.01E-02	1.57E-02	3.02E+00	1.48E-07	1.25E-07	1.46E+01	7.56E-01	3.18E-02	6.54E-02	4.95E-02	1.87E+00	1.15E+03	5.30E+01	1.25E-07	1.82E-07	1.84E-02	1.11E+03	3.85E+00	6.69E+00	1.63E+02	6.04E-03	1.67E+02	1.74E+02	3.37E+00	0.00E+00	0.00E+00	6.81E-02	2.10E+00
VF118TA	2.68E-02	6.61E+00	-2.64E-01	6.82E+00	5.02E-04	0.00E+00	2.86E+02	5.94E-05	4.69E-03	5.02E-02	1.62E-02	4.37E+00	1.45E-07	1.03E-07	1.23E+01	2.09E+00	2.06E-02	5.26E-02	4.65E-02	2.83E+00	1.18E+02	5.29E+01	1.38E-07	1.74E-07	1.62E-02	1.56E-03	5.44E+00	6.68E+00	1.66E+02	7.37E-03	1.67E+02	1.76E+02	1.09E+01	0.00E+00	0.00E+00	6.66E-02	2.00E+00
VF118TD	2.64E-02	6.49E+00	-2.57E-01	6.73E+00	5.00E-04	0.00E+00	3.99E+02	5.60E-05	4.59E-03	4.92E-02	1.39E-02	4.45E+00	1.74E-07	1.04E-07	1.21E+01	1.98E+00	1.89E-02	5.22E-02	4.70E-02	2.80E+00	1.13E+02	4.88E+01	1.37E-07	1.75E-07	1.52E-02	1.54E-03	5.38E+00	4.98E+00	1.53E+02	6.73E-03	1.58E+02	1.67E+02	1.06E+01	0.00E+00	0.00E+00	9.94E-02	1.97E+00
VF118TES	3.02E-02	6.77E+00	-2.64E-01	7.00E+00	5.02E-04	0.00E+00	1.50E+03	4.61E-05	4.81E-03	5.14E-02	1.53E-02	7.04E+00	1.44E-07	1.64E-07	1.64E+01	2.20E+00	2.07E-02	8.93E-02	4.72E-02	2.86E+00	1.20E+02	5.01E+01	1.36E-07	1.89E-07	1.65E-02	1.60E-03	5.37E+00	5.69E+00	1.52E+02	4.30E-03	1.73E+02	1.67E+02	1.10E+01	0.00E+00	0.00E+00	1.92E-01	2.04E+00
VF118TF	2.31E-02	2.98E-02	2.98E-02	4.87E+00	0.00E+00	4.31E+02	5.46E-05	4.98E-03	5.12E-02	1.54E-02	3.84E+00	1.68E-07	1.30E-07	1.41E+01	2.18E+00	2.10E-02	6.82E-02	5.79E-02	2.86E+00	1.16E+02	5.09E+01	1.40E-07	1.90E-07	1.55E-02	1.55E-03	4.93E+00	6.66E+00	1.65E+02	8.02E-03	1.61E+02	1.74E+02	1.04E+01	0.00E+00	0.00E+00	8.90E-02	1.96E+00	
VF118TJ	2.23E-02	6.33E+00	-2.35E-01	6.59E+00	4.88E-04	0.00E+00	1.12E+02	6.25E-05	4.44E-03	4.73E-02	1.42E-02	3.97E+00	1.57E-07	9.61E-08	1.15E+01	1.88E+00	1.94E-02	4.42E-02	3.26E+00	1.12E+02	4.73E+01	1.24E-07	1.71E-07	1.49E-02	1.44E-03	4.71E+00	4.67E+00	1.53E+02	5.51E-03	1.56E+02	1.67E+02	9.48E+00	0.00E+00	0.00E+00	1.18E-01	1.91E+00	
VF118TJ1	2.49E-02	6.44E+00	-2.29E-01	6.70E+00	4.90E-04	0.00E+00	1.07E+02	6.23E-05	4.58E-03	4.90E-02	1.42E-02	3.92E+00	1.56E-07	9.79E-08	1.15E+01	1.90E+00	1.92E-02	5.20E-02	4.46E-02	2.69E+00	1.13E+02	4.81E+01	1.22E-07	1.67E-07	1.51E-02	1.45E-03	5.20E+00	4.34E+00	1.54E+02	5.20E-03	1.57E+02	1.67E+02	6.98E+00	0.00E+00	0.00E+00	1.19E-01	1.93E+00
VF118TM	2.51E-02	6.47E+00	-2.38E-01	6.76E+00	4.89E-04	0.00E+00	6.45E+02	6.42E-05	4.58E-03	4.96E-02	1.43E-02	4.12E+00	2.06E-07	1.01E-07	1.15E+01	1.97E+00	1.93E-02	5.11E-02	4.48E-02	2.72E+00	1.13E+02	4.84E+01	1.31E-07	1.68E-07	1.53E-02	1.48E-03	5.19E+00	4.64E+00	1.55E+02	5.76E-03	1.58E+02	1.69E+02	8.83E+00	0.00E+00	0.00E+00	1.17E-01	1.94E+00
VF118TP	3.05E-02	6.73E+00	-2.65E-01	7.00E+00	5.00E-04	0.00E+00	1.63E+03	5.96E-05	4.80E-03	5.14E-02	1.54E-02	6.82E+00	1.41E-07	1.46E-07	1.62E+01	2.17E+00	2.10E-02	6.36E-02	4.72E-02	3.00E+00	1.25E+02	5.00E+01	1.36E-07	1.85E-07	1.65E-02	1.60E-03	5.52E+00	6.68E+00	1.62E+02	3.84E-03	1.70E+02	1.80E+02	1.11E+01	0.00E+00	0.00E+00	2.09E-01	2.02E+00
VF118TR	2.80E-02	6.90E+00	-2.57E-01	7.13E+00	4.93E-04	0.00E+00	5.31E+02	4.91E-05	4.83E-03	5.16E-02	1.56E-02	5.78E+00	1.48E-07	1.12E-07	1.38E+01	2.20E+00	2.11E-02	7.02E-02	4.73E-02	2.99E+00	1.26E+02	4.96E+01	1.46E-07	1.87E-07	1.67E-02	1.52E-03	5.80E+00	5.09E+00	1.75E+02	7.53E-03	1.73E+02	1.82E+02	1.09E+01	0.00E+00	0.00E+00	4.29E-02	2.03E+00
VF118TS	2.90E-02	6.77E+00	-2.60E-01	6.91E+00	5.01E-04	0.00E+00	1.45E+03	5.07E-05	4.89E-03	5.12E-02	1.54E-02	6.34E+00	1.68E-07	1.41E-07	1.61E+01	2.18E+00	2.10E-02	6.82E-02	4.56E-02	3.86E+00	1.16E+02	5.01E+01	1.36E-07	1.79E-07	1.62E-02	1.46E-03	5.67E+00	6.84E+00	1.61E+02	8.61E-03	1.65E+02	1.75E+02	3.85E+00	0.00E+00	0.00E+00	2.09E-01	1.97E+00
VF122PD	2.50E-02	6.68E+00	-3.93E-01	6.45E+00	6.85E-05	0.00E+00	2.71E+01	9.07E-05	4.83E-03	4.88E-02	1.63E-02	3.60E+00	2.89E-07	6.77E-08	7.56E+00	1.11E+00	2.21E-02	7.71E-02	5.01E-02	1.92E+00	1.14E+02	5.98E+01	6.83E-08	1.59E-07	1.57E-02	1.20E-03	3.14E+00	6.64E+00	1.74E+02	8.55E-04	1.74E+02	1.84E+02	9.78E+00	0.00E+00	0.00E+00	2.15E+00	
VF122PF	2.74E-02	6.77E+00	-3.34E-01	6.21E+00	2.23E-05	0.00E+00	3.96E+02	5.89E-05	4.31E-03	4.79E-02	1.54E-02	4.54E+00	1.15E-07	1.02E-07	1.19E+01	8.89E-01	2.07E-02	1.06E-01	4.55E-02	1.93E+00	1.16E+02	5.12E+01	1.32E-07	1.98E-07	1.54E-02	1.24E-03	2.82E+00	6.08E+00	1.63E+02	7.54E-03	1.65E+02	1.76E+02	9.33E+00	0.00E+00	0.00E+00	1.44E-01	1.96E+00
VF122PJ	2.88E-02	5.95E+00	8.44E-02	6.31E+00	2.34E-05	0.00E+00	8.49E-02	6.89E-05	4.57E-03	4.97E-02	1.66E-02	6.46E+00	1.16E-07	1.19E-07	1.40E+01	8.85E-01	2.23E-02	7.71E-02	6.07E-02	1.97E+00	1.15E+02	5.22E+01	1.36E-07	2.16E-07	1.62E-02	1.24E-03	3.60E+00	2.19E+00	1.66E+02	6.69E-03	1.64E+02	1.76E+02	7.81E+00	0.00E+00	0.00E+00	1.79E-01	2.62E+00
VF122PM	3.01E-02	6.22E+00	-3.34E-01	6.88E+00	2.21E-05	0.00E+00	9.70E+02	6.46E-05	4.74E-03	5.18E-02	1.65E-02	6.33E+00	1.68E-07	1.26E-07	1.53E+01	8.39E-01	2.21E-02	7.27E-02	6.01E-02	2.05E+00	1.21E+02	5.43E+01	1.31E-07	2.10E-07	1.68E-02	1.25E-03	3.36E+00	6.12E+00	1.73E+02	8.81E-03	1.72E+02	1.88E+02	8.98E+00	0.00E+00	0.00E+00	1.61E-01	2.59E+00
VF122PP	3.29E-02	6.50E+00	-4.29E-01	6.03E+00	7.94E-05	0.00E+00	1.85E+03	4.12E-05	4.70E-03	4.95E-02	1.80E-02	8.04E+00	7.48E-08	1.86E-07	2.17E+01	7.77E-01	2.44E-02	8.06E-02	5.39E-02	2.18E+00	1.34E+02	3.89E+01	1.08E-07	2.08E-07	1.60E-02	1.26E-03	3.40E+00	1.74E+00	1.73E+02	9.94E-05	1.73E+02	1.84E+02	1.05E+01	0.00E+00	0.00E+00	6.00E-01	2.31E+00
VF122PS	3.35E-02	6.17E+00	-2.47E-01	6.48E+00	8.54E-05	0.00E+00	1.41E+03	5.38E-05	4.79E-03	5.13E-02	1.56E-02	6.42E+00	2.09E-07	1.74E-07	1.70E+01	9.53E-01	2.15E-02	7.34E-02	5.81E-02	2.03E+00	1.17E+02	4.94E+01	1.52E-07	2.42E-07	1.71E-02	1.31E-02	3.93E+00	5.10E+00	1.70E+02	4.98E-03	1.67E+02	1.79E+02	9.98E+00	0.00E+00	0.00E+00	3.20E-01	2.50E+00
VF122TA	2.98E-02	6.86E+00	-2.67E-01	7.17E+00	7.03E-04	0.00E+00	7.90E-02	6.40E-05	4.78E-03	5.26E-02	1.64E-02	4.78E+00	1.33E-07	1.03E-07	1.41E+01	2.26E+00	2.10E-02	6.82E-02	5.79E-02	1.95E+00	1.25E+02	5.99E+01	1.40E-07	1.79E-07	1.62E-02	1.17E-03	5.92E+00	6.11E+00	1.75E+02	8.61E-03	1.65E+02	1.90E+02	1.04E+01	0.00E+00	0.00E+00	3.33E-01	2.45E+00
VF122TD	2.93E-02	6.88E+00	-2.46E-01	7.10E+00	6.93E-04	0.00E+00	9.04E-02	7.46E-05	4.97E-03	5.27E-02	1.63E-02	4.86E+00	1.36E-07	1.06E-07	1.40E+01	2.25E+00	2.21E-02	6.21E-02	5.73E-02	2.95E+00	1.26E+02	5.97E+01	1.40E-07	2.09E-07	1.72E-02	1.17E-03	5.73E+00	6.88E+00	1.69E+02	8.68E-03	1.73E+02	1.90E+02	1.15E+01	0.00E+00	0.00E+00	1.08E-01	2.46E+00
VF122TF	2.71E-02	6.79E+00	-2.57E-01	7.09E+00	5.18E-04	0.00E+00	3.57E+02	7.23E-05	4.78E-03	5.14E-02	1.57E-02	4.14E+00	1.23E-07	9.01E-08	1.16E+01	2.22E+00	2.12E-02	6.00E-02	4.73E-02	2.82E+00	1.20E+02	5.99E+01	1.34E-07	1.91E-07	1.63E-02	1.68E-03	5.60E+00	6.08E+00	1.67E+02	8.59E-03	1.70E+02	1.80E+02	1.12E+01	0.00E+00	0.00E+00	9.83E-02	2.03E+00
VF122TJ	2.88E-02	6.81E+00	-1.88E-01	7.03E+00	5.15E-04	0.00E+00	2.89E+02	7.67E-05	4.99E-03	5.26E-02	1.66E-02	5.00E+00	1.33E-07	1.04E-07	1.36E+01	2.21E+00	2.23E-02	6.89E-02	5.88E-02	3.93E+00	1.20E+02	5.12E+01	1.30E-07	2.14E-07	1.73E-02	1.60E-03	5.88E+00	3.81E+00	1.70E+02	7.02E-03	1.69E+02	1.82E+02	9.10E+00	0.00E+00	0.00E+00	1.39E-01	2.53E+00
VF122TP	3.02E-02	6.96E+00	-2.54E-01	7.30E+00	5.21E-04	0.00E+00	7.55E-02	7.71E-05	5.04E-03	5.38E-02	1.72E-02	4.99E+00	1.87E-07	1.08E-07	1.43E+01	2.28E+00	2.33E-02	7.00E-02	5.89E-02	3.11E+00	1.28E+02	5.81E+01	1.45E-07	2.17E-07	1.76E-02	1.77E-03	6.44E+00	6.12E+00	1.76E+02	9.49E-03	1.75E+02	1.90E+02	1.18E+01	0.00E+00	0.00E+00	1.51E-01	2.51E+00
VF122TP																																					

VF218TM	2.98E-02	8.89E-04	-1.85E-01	8.99E-04	7.47E-04	0.00E+00	8.27E-02	1.09E-04	6.20E-03	6.53E-02	2.06E-02	4.58E-04	2.14E-07	1.30E-07	1.62E-01	2.83E-04	2.79E-02	1.07E-01	6.52E-02	3.51E-04	1.88E-02	6.13E-01	1.46E-07	2.31E-07	2.07E-02	1.85E-03	8.19E-04	3.77E-04	2.40E-02	1.06E-02	2.38E-02	2.47E-02	1.23E-01	0.00E+00	0.00E+00	1.53E-01	2.79E-04
VF218TP	4.03E-02	8.52E-04	-3.54E-01	9.04E-04	8.59E-04	0.00E+00	1.95E-03	8.63E-05	6.53E-03	7.00E-02	2.23E-02	7.83E-04	1.84E-07	2.15E-07	2.15E-01	3.16E-04	3.02E-02	1.07E-01	7.16E-02	4.64E-04	1.80E-02	6.16E-01	1.60E-07	2.63E-07	2.30E-02	2.51E-03	8.23E-04	7.77E-04	2.41E-02	3.59E-03	2.39E-02	2.51E-02	1.41E-01	0.00E+00	0.00E+00	2.88E-01	3.07E-04
VF218TR	3.82E-02	9.52E-04	2.50E-01	9.96E-04	8.62E-04	0.00E+00	4.78E-02	8.57E-05	7.03E-03	7.28E-02	2.31E-02	6.24E-04	1.56E-07	1.30E-07	1.69E-01	3.25E-04	3.12E-02	9.80E-02	7.69E-02	4.33E-04	2.41E-02	7.69E-01	1.58E-07	2.72E-07	2.37E-02	2.44E-03	8.24E-04	6.72E-04	3.14E-02	1.18E-02	3.08E-02	3.20E-02	1.41E-01	0.00E+00	0.00E+00	4.64E-02	3.27E-04
VF218TS	4.97E-02	1.04E-01	8.55E-02	1.08E-01	8.25E-04	0.00E+00	1.77E-04	6.81E-05	7.96E-03	8.51E-02	2.49E-02	7.95E-04	2.08E-07	2.03E-07	1.93E-01	3.17E-04	3.36E-02	1.07E-01	8.23E-02	4.16E-04	2.23E-02	7.36E-01	1.50E-07	2.81E-07	2.60E-02	2.27E-03	8.33E-04	3.11E-04	3.14E-02	7.94E-03	3.18E-02	3.37E-02	1.54E-01	0.00E+00	0.00E+00	2.82E-01	3.52E-04
VF312ICT	2.85E-02	7.34E-04	-6.89E-01	8.02E-04	0.00E+00	0.00E+00	8.95E-02	4.19E-05	6.32E-03	6.74E-02	3.27E-02	3.33E-02	1.03E-07	4.35E-08	4.42E-01	1.25E-04	4.43E-02	5.97E-02	2.56E-04	8.25E-01	8.91E-01	6.52E-08	2.08E-07	2.01E-02	1.67E-03	1.23E-01	1.11E-01	1.69E-04	2.59E-06	1.69E-02	1.92E-02	3.26E-01	0.00E+00	0.00E+00	1.36E-01	2.56E-04	
VF312PA	3.13E-02	8.55E-04	-4.11E-01	8.99E-04	2.68E-04	0.00E+00	6.46E-01	8.88E-05	6.08E-03	6.48E-02	2.20E-02	1.71E-01	2.36E-07	1.18E-07	1.61E-01	1.61E-04	2.97E-02	1.12E-01	6.46E-02	3.41E-04	1.49E-02	6.88E-01	5.19E-07	5.30E-07	2.20E-02	1.96E-03	5.42E-04	6.96E-04	2.30E-02	8.54E-03	2.27E-02	2.39E-02	1.28E-01	0.00E+00	0.00E+00	3.69E-01	2.76E-04
VF312PD	3.68E-02	8.79E-04	-2.74E-01	9.05E-04	2.65E-04	0.00E+00	3.78E-01	1.10E-04	6.23E-03	6.67E-02	2.96E-02	1.66E-01	2.35E-07	1.16E-07	1.19E-01	1.82E-04	2.76E-02	1.12E-01	7.81E-02	4.31E-04	1.13E-02	7.74E-01	5.60E-07	5.30E-07	2.21E-02	2.35E-03	5.73E-04	5.89E-04	2.30E-02	1.14E-02	1.99E-02	2.02E-02	1.17E-01	0.00E+00	0.00E+00	6.49E-02	3.12E-04
VF312PE	2.81E-02	5.85E-04	-2.85E-01	8.45E-04	0.00E+00	0.00E+00	2.38E-01	5.12E-05	6.45E-03	6.28E-02	2.05E-02	1.55E-01	1.31E-07	1.68E-07	1.62E-01	1.54E-04	2.79E-02	1.05E-01	5.59E-02	3.94E-04	9.21E-01	6.27E-01	4.11E-07	5.09E-07	1.72E-02	2.19E-03	5.52E-04	9.79E-04	1.45E-02	1.17E-02	1.43E-02	1.54E-02	1.15E-01	0.00E+00	0.00E+00	6.94E-01	2.40E-04
VF312PEB	2.19E-02	5.02E-04	-3.40E-01	5.36E-04	0.00E+00	0.00E+00	2.21E-01	1.94E-05	3.93E-03	4.17E-02	1.62E-02	1.49E-01	5.07E-08	5.32E-08	2.62E-04	6.52E-01	2.47E-02	9.52E-02	4.72E-02	1.91E-04	6.77E-01	5.47E-07	4.48E-07	1.35E-02	1.17E-03	3.28E-04	5.79E-04	1.10E-02	2.07E-04	1.19E-02	9.50E-04	0.00E+00	0.00E+00	6.94E-01	2.03E-04		
VF312PEBH	1.16E-02	3.22E-04	-8.54E-02	3.42E-04	5.56E-06	0.00E+00	8.60E-02	3.49E-05	2.36E-03	2.50E-02	8.66E-03	6.19E-04	2.14E-07	3.96E-08	3.87E-05	8.57E-01	1.17E-02	2.69E-02	1.57E-04	5.08E-07	2.75E-01	3.48E-07	2.59E-07	7.70E-03	1.50E-03	1.73E-04	1.66E-04	3.04E-07	6.42E-03	8.00E-01	8.71E-01	5.40E-04	0.00E+00	0.00E+00	4.23E-01	1.16E-04	
VF312PF	2.77E-02	6.34E-04	-8.65E-02	4.52E-04	1.99E-05	0.00E+00	7.69E-01	6.97E-05	4.83E-03	5.13E-02	1.83E-02	1.37E-01	2.59E-07	1.10E-07	1.38E-01	8.73E-01	2.47E-02	1.08E-01	6.85E-02	2.18E-04	1.08E-02	5.40E-01	4.50E-07	4.89E-07	1.67E-02	1.41E-03	3.89E-04	2.15E-04	1.62E-03	8.45E-03	1.63E-02	1.71E-02	9.63E-04	0.00E+00	0.00E+00	3.45E-01	2.98E-04
VF312PJ	2.96E-02	7.33E-04	-2.73E-01	7.59E-04	2.23E-05	0.00E+00	7.59E-01	7.09E-05	5.35E-03	5.79E-02	2.06E-02	1.41E-01	2.36E-07	1.17E-07	1.56E-01	1.15E-04	2.78E-02	1.05E-01	6.94E-02	4.96E-04	1.15E-02	5.74E-01	4.85E-07	4.71E-07	1.93E-02	1.74E-03	4.43E-04	5.54E-04	1.82E-04	7.76E-03	1.81E-02	1.89E-02	1.03E-01	0.00E+00	0.00E+00	3.33E-01	2.98E-04
VF312PM	2.93E-02	7.49E-04	-2.73E-01	7.62E-04	1.99E-05	0.00E+00	6.33E-02	7.21E-05	5.55E-03	5.88E-02	2.04E-02	1.40E-01	2.36E-07	1.20E-07	1.58E-01	1.04E-04	2.77E-02	1.05E-01	7.09E-02	2.42E-04	1.14E-02	5.65E-01	4.76E-07	4.71E-07	1.95E-02	1.68E-03	4.27E-04	5.54E-04	1.92E-04	5.86E-03	1.82E-02	1.91E-02	1.11E-01	0.00E+00	0.00E+00	3.40E-01	3.00E-04
VF312PR	3.84E-02	1.02E-01	8.74E-01	9.11E-01	8.42E-04	0.00E+00	8.46E-04	8.41E-05	7.49E-03	7.72E-02	2.37E-02	1.57E-01	1.79E-07	1.13E-07	1.72E-01	3.12E-04	3.22E-02	1.05E-01	7.81E-02	4.31E-04	2.32E-02	7.63E-01	3.61E-07	4.59E-07	2.32E-02	2.36E-03	8.95E-04	2.23E-04	1.92E-02	1.44E-02	3.17E-02	3.34E-02	1.34E-01	0.00E+00	0.00E+00	6.49E-02	3.38E-04
VF312PS	4.87E-02	9.04E-01	-1.14E-01	1.02E-01	2.61E-04	0.00E+00	1.66E-04	6.32E-05	7.16E-03	7.68E-02	2.22E-02	2.22E-01	3.48E-07	2.24E-07	2.25E-01	1.67E-01	3.01E-02	1.14E-01	8.44E-02	3.95E-04	1.48E-02	7.88E-01	6.11E-07	6.21E-07	2.54E-02	2.34E-03	6.11E-04	5.65E-04	2.28E-04	1.15E-02	2.28E-02	2.41E-02	1.27E-01	0.00E+00	0.00E+00	2.41E-02	3.63E-04
VF312PT	1.66E-01	1.32E-01	-1.86E-01	1.34E-01	9.55E-05	0.00E+00	1.39E-03	1.31E-03	1.02E-02	1.13E-01	2.78E-02	1.07E-02	8.95E-08	1.78E-08	2.08E-02	4.24E-04	3.76E-02	3.44E-01	2.45E-01	5.74E-04	1.96E-02	7.97E-01	1.31E-08	1.50E-08	4.29E-02	2.62E-03	1.32E-01	6.73E-04	2.75E-02	1.32E-02	2.79E-02	2.95E-02	1.99E-01	0.00E+00	0.00E+00	0.00E+00	1.00E-01
VF312PY	4.36E-02	9.32E-04	4.25E-01	9.66E-04	2.68E-04	0.00E+00	1.02E-03	9.12E-05	6.74E-03	7.21E-02	2.32E-02	1.69E-01	2.11E-07	2.10E-07	2.06E-01	1.60E-04	3.14E-02	1.13E-01	7.57E-02	3.41E-04	1.67E-02	8.07E-01	5.29E-07	5.40E-07	2.43E-02	1.97E-03	5.41E-04	7.81E-04	2.52E-04	8.39E-03	2.51E-02	2.64E-02	1.29E-01	0.00E+00	0.00E+00	3.79E-01	3.22E-04
VF312PZC	4.26E-02	9.42E-04	-4.31E-01	8.78E-04	2.57E-04	0.00E+00	8.03E-02	8.84E-05	8.82E-03	7.28E-02	2.32E-02	1.59E-01	2.15E-07	2.07E-07	2.01E-01	1.39E-04	3.14E-02	1.08E-01	7.74E-02	3.23E-04	1.88E-02	7.68E-01	4.85E-07	5.20E-07	2.43E-02	1.34E-03	5.48E-04	7.81E-04	2.56E-04	8.24E-03	2.51E-02	2.65E-02	1.28E-01	0.00E+00	0.00E+00	2.84E-01	3.31E-04
VF312PZG	3.07E-02	6.21E-04	-4.30E-01	6.54E-04	1.92E-05	0.00E+00	8.55E-02	6.39E-05	4.67E-03	5.06E-02	1.58E-02	1.48E-01	2.64E-07	1.44E-07	1.72E-01	8.89E-01	2.14E-02	7.25E-02	4.55E-02	2.02E-04	1.18E-02	5.55E-01	2.25E-07	3.42E-07	1.59E-02	1.55E-03	3.35E-04	7.11E-04	1.73E-04	5.56E-03	1.71E-02	1.76E-02	9.59E-04	0.00E+00	0.00E+00	2.87E-01	1.97E-04
VF312TA	3.98E-02	8.99E-04	-3.99E-01	9.45E-04	8.89E-04	0.00E+00	7.53E-01	9.82E-05	6.93E-03	7.07E-02	2.24E-02	1.67E-01	1.89E-07	1.16E-07	1.61E-01	3.19E-04	3.09E-02	1.05E-01	6.72E-02	4.51E-04	1.53E-02	6.68E-01	4.70E-07	5.04E-07	2.39E-02	2.59E-02	8.44E-04	7.85E-04	2.37E-02	1.14E-02	2.32E-02	2.45E-02	1.46E-01	0.00E+00	0.00E+00	1.58E-01	3.14E-04
VF312TD	3.05E-02	4.79E-04	-2.77E-01	8.11E-04	8.69E-04	0.00E+00	4.84E-04	6.78E-05	6.16E-03	6.53E-02	2.13E-02	1.62E-01	1.40E-07	1.13E-07	1.57E-01	3.14E-04	2.89E-02	1.05E-01	6.27E-02	4.37E-04	1.52E-02	6.58E-01	4.69E-07	4.98E-07	2.18E-02	2.56E-03	8.95E-04	2.23E-04	1.92E-02	1.44E-02	3.17E-02	3.34E-02	1.34E-01	0.00E+00	0.00E+00	1.58E-01	2.66E-04
VF312TE	3.00E-02	8.33E-04	-1.40E-01	8.59E-04	8.40E-04	0.00E+00	6.69E-01	7.15E-05	5.94E-03	6.42E-02	2.07E-02	1.60E-01	1.40E-07	9.86E-08	1.09E-01	3.14E-04	2.81E-02	8.26E-02	6.14E-02	4.62E-04	1.69E-02	6.39E-01	4.79E-07	4.70E-07	2.09E-02	2.68E-03	8.43E-04	7.38E-04	2.09E-04	8.00E-03	2.04E-02	2.14E-02	1.44E-01	0.00E+00	0.00E+00	2.78E-01	2.65E-04
VF312TF	2.94E-02	7.46E-04	2.62E-01	7.74E-04	7.33E-04	0.00E+00	8.90E-01	8.72E-05	5.54E-03	6.00E-02	1.90E-02	1.63E-01	1.57E-07	1.07E-07	1.55E-01	2.78E-04	2.57E-02	9.67E-02	6.23E-02	3.15E-04	1.18E-02	6.32E-01	4.71E-07	4.71E-07	1.97E-02	1.95E-03	7.75E-04	6.08E-04	1.74E-02	1.14E-02	1.79E-02	1.91E-02	1.33E-01	0.00E+00	0.00E+00	1.44E-01	2.66E-04
VF312TJ	2.99E-02	8.38E-04	2.44E-01	8.77E-04	7.36E-04	0.00E+00	5.56E-01	9.94E-05	6.11E-03	6.54E-02	2.07E-02	1.42E-01	1.93E-07	1.06E-07	1.53E-01	2.78E-04	2.89E-02	9.65E-02	6.49E-02	3.45E-04	1.37E-02	6.07E-01	4.53E-07	4.71E-07	2.11E-02	1.97E-03	7.88E-04	8.59E-04	2.21E-04	9.15E-03	2.16E-02	2.26E-02	3.27E-01	0.00E+00	0.00E+00	1.42E-01	2.78E-04
VF312TM	2.88E-02	7.79E-04	-2.08E-01	7.98E-04	7.27E-04	0.00E+00	6.33E-02	9.57E-05	5.77E-03	6.14E-02	2.04E-02	1.37E-01	2.13E-07	1.12E-07	1.51E-01	2.73E-04	2.76E-02	9.57E-02	6.44E-02	3.31E-04	1.26E-02	5.84E-01	4.38E-07	4.57E-07	2.02E-02	1.84E-03	8.00E-04	1.10E-04	1.87E-04	1.30E-04	1.85E-04	1.98E-04	1.19E-01	0.00E+00	0.00E+00	1.62E-01	2.77E-04</

VH418PF	5.97E-02	1.21E+01	5.02E-01	1.29E+01	3.69E-05	0.00E+00	9.51E-02	1.29E-04	8.66E-03	9.38E-02	3.33E-02	7.69E-00	5.32E-07	2.63E-07	3.11E+01	1.75E+00	4.45E-02	2.03E-01	1.17E-01	3.89E+00	3.33E+00	1.11E+02	1.65E-07	3.84E-07	3.09E-02	2.26E-03	5.34E+00	9.73E+00	4.69E+02	7.30E-03	4.56E+02	4.70E+02	1.69E+01	0.00E+00	0.00E+00	3.88E-01	4.95E+00	
VH418PJ	5.89E-02	1.19E+01	4.78E-01	1.26E+01	3.57E-05	0.00E+00	9.33E-02	1.37E-04	8.61E-03	9.29E-02	3.33E-02	7.78E+00	4.87E-07	2.73E-07	3.12E+01	1.68E+00	4.44E-02	2.01E-01	1.17E-01	3.81E+00	3.21E+00	1.08E+02	1.66E-07	3.57E-07	3.10E-02	2.24E-03	5.33E+00	9.47E+00	4.42E+02	7.23E-03	4.41E+02	4.53E+02	1.67E+01	0.00E+00	0.00E+00	3.87E-01	4.93E+00	
VH418PM	6.81E-02	1.56E+01	2.75E-01	1.60E+01	3.70E-05	0.00E+00	1.76E+00	1.42E-04	1.06E-02	1.14E-01	3.88E-02	9.90E+00	4.65E-07	3.48E-07	3.90E+01	1.64E+00	4.93E-02	1.96E-01	1.22E-01	3.59E+00	3.47E+00	1.03E+02	1.99E-07	3.92E-07	3.71E-02	2.25E-03	5.54E+00	5.90E+00	4.69E+02	1.09E-02	4.87E+02	4.88E+02	1.64E+01	0.00E+00	0.00E+00	3.96E-01	5.17E+00	
VH418PP	7.55E-02	1.36E+01	4.39E-01	1.41E+01	3.92E-04	0.00E+00	3.89E+00	8.11E-05	1.04E-02	1.11E-01	3.89E-02	1.94E+01	1.17E-03	4.47E-07	5.67E+01	2.28E+00	5.27E-02	2.25E-01	1.30E-01	4.45E+00	3.88E+00	8.59E+01	2.45E-07	4.74E-07	3.65E-02	3.19E-03	7.81E+00	1.04E+01	4.51E+02	2.49E-04	4.51E+02	4.70E+02	3.90E+01	0.00E+00	0.00E+00	1.28E+00	5.77E+00	
VH418PR	5.99E-02	1.92E+01	4.49E-01	1.95E+01	1.84E-03	0.00E+00	5.74E-02	1.23E-04	1.19E-02	1.35E-01	3.94E-02	8.37E+00	3.02E-07	2.02E-07	3.29E+01	6.18E+00	5.34E-02	1.97E-01	1.34E-01	8.51E+00	3.76E+00	1.25E+02	2.42E-07	4.39E-07	3.33E-02	4.65E-03	1.92E+01	1.16E+01	4.83E+02	1.29E-02	4.80E+02	5.29E+02	2.65E+01	0.00E+00	0.00E+00	8.98E-02	5.88E+00	
VH418PS	6.94E-02	1.57E+01	4.39E-01	1.62E+01	3.69E-04	0.00E+00	2.19E+00	6.54E-05	1.12E-02	1.19E-01	3.70E-02	1.03E+01	6.82E-07	2.92E-07	3.29E+01	2.53E+00	6.01E-02	2.12E-01	1.31E-01	5.11E+00	3.83E+00	1.31E+02	2.58E-07	4.28E-07	3.94E-02	3.13E-03	6.89E+00	1.03E+01	4.93E+02	1.98E-02	4.93E+02	5.11E+02	1.71E+01	0.00E+00	0.00E+00	3.90E-02	5.81E+00	
VH418PY	7.09E-02	1.68E+01	5.52E-01	1.85E+01	4.12E-04	0.00E+00	2.01E+00	1.33E-04	1.16E-02	1.34E-01	3.94E-02	1.43E+01	3.94E-07	3.40E-07	3.41E+01	4.61E+00	2.69E+00	5.34E-02	2.16E-01	1.12E-01	5.16E+00	3.45E+00	1.15E+02	2.24E-07	3.79E-07	4.23E-02	3.09E-03	7.94E+00	1.14E+01	4.76E+02	2.11E-03	4.52E+02	4.77E+02	1.85E+01	0.00E+00	0.00E+00	3.42E-01	6.19E+00
VH418PZC	5.99E-02	1.92E+01	4.49E-01	1.95E+01	1.84E-03	0.00E+00	5.74E-02	1.23E-04	1.19E-02	1.35E-01	3.94E-02	8.37E+00	3.02E-07	2.02E-07	3.29E+01	6.18E+00	5.34E-02	1.97E-01	1.34E-01	8.51E+00	3.76E+00	1.25E+02	2.42E-07	4.39E-07	3.33E-02	4.65E-03	1.92E+01	1.16E+01	4.83E+02	1.29E-02	4.80E+02	5.29E+02	2.65E+01	0.00E+00	0.00E+00	8.98E-02	5.88E+00	
VH418TA	5.85E-02	1.60E+01	4.41E-01	1.62E+01	3.69E-04	0.00E+00	1.13E+00	1.36E-04	1.07E-02	1.15E-01	3.86E-02	7.95E+00	3.50E-07	2.03E-07	3.45E+01	6.01E+00	5.25E-02	2.05E-01	1.22E-01	7.40E+00	3.96E+00	1.26E+02	2.41E-07	4.41E-07	3.78E-02	4.43E-03	1.92E+01	1.16E+01	4.74E+02	1.34E-02	4.79E+02	5.00E+02	2.38E+01	0.00E+00	0.00E+00	1.79E-01	5.18E+00	
VH418TD	6.43E-02	1.54E+01	3.28E-01	1.57E+01	3.57E-03	0.00E+00	8.99E-01	2.02E-04	1.04E-02	1.11E-01	3.53E-02	3.32E+00	5.63E-07	1.69E-07	2.19E+01	5.77E+00	4.77E-02	2.15E-01	1.19E-01	8.75E+00	3.55E+00	1.22E+02	2.46E-07	3.50E-07	3.62E-02	3.94E-03	1.11E+01	9.60E+00	4.77E+02	1.97E-02	4.77E+02	4.98E+02	2.07E+01	0.00E+00	0.00E+00	0.00E+00	4.70E+00	
VH418TES	5.96E-02	1.62E+01	4.48E-01	1.62E+01	1.83E-03	0.00E+00	2.67E+00	9.62E-05	1.09E-02	1.16E-01	3.85E-02	1.25E+01	3.88E-07	2.34E-07	3.55E+01	6.21E+00	5.21E-02	2.01E-01	1.21E-01	7.44E+00	3.48E+00	1.21E+02	2.44E-07	4.32E-07	3.79E-02	4.49E-03	1.36E+01	1.16E+01	4.83E+02	1.01E-02	4.67E+02	4.92E+02	3.31E+01	0.00E+00	0.00E+00	3.79E-01	5.13E+00	
VH418TF	5.34E-02	1.34E+01	3.64E-01	1.40E+01	1.39E-03	0.00E+00	1.06E-02	1.74E-04	9.06E-03	9.80E-02	3.25E-02	4.05E+00	3.81E-07	1.88E-07	2.34E+01	5.06E+00	4.93E-02	1.91E-01	1.09E-01	6.23E+00	3.96E+00	1.10E+02	1.93E-07	3.44E-07	3.24E-02	3.69E-03	9.93E+00	9.98E+00	4.62E+02	1.56E-02	4.60E+02	4.79E+02	1.99E+01	0.00E+00	0.00E+00	2.22E-01	4.69E+00	
VH418TJ	5.27E-02	1.42E+01	3.00E-01	1.46E+01	1.31E-03	0.00E+00	0.94E+01	1.72E-04	9.69E-03	1.04E-01	3.26E-02	4.13E+00	3.81E-07	1.89E-07	2.34E+01	5.08E+00	4.40E-02	1.92E-01	1.08E-01	6.23E+00	3.96E+00	1.10E+02	1.94E-07	3.50E-07	3.95E-02	3.63E-03	9.98E+00	9.46E+00	4.62E+02	1.56E-02	4.60E+02	4.90E+02	1.97E+01	0.00E+00	0.00E+00	2.21E-01	4.69E+00	
VH418TM	5.93E-02	1.66E+01	5.42E-01	1.84E+01	1.34E-03	0.00E+00	1.45E+00	1.48E-04	1.05E-02	1.15E-01	3.81E-02	8.91E+00	3.71E-07	2.40E-07	2.89E+01	5.17E+00	4.89E-02	1.75E-01	1.11E-01	8.01E+00	3.45E+00	1.04E+02	2.18E-07	3.79E-07	3.72E-02	3.94E-03	9.82E+00	4.68E+00	4.95E+02	2.11E-03	4.71E+02	4.90E+02	1.85E+01	0.00E+00	0.00E+00	2.42E-01	4.78E+00	
VH418TP	6.51E-02	1.96E+01	2.01E-01	1.94E+01	1.79E-03	0.00E+00	4.04E+00	1.22E-04	1.20E-02	1.26E-01	3.94E-02	1.30E+01	3.26E-07	2.68E-07	3.62E+01	6.10E+00	5.34E-02	2.05E-01	1.32E-01	8.85E+00	3.96E+00	1.19E+02	2.47E-07	4.56E-07	4.21E-02	4.90E-03	1.49E+01	1.16E+01	4.74E+02	9.76E-03	4.78E+02	5.07E+02	2.86E+01	0.00E+00	0.00E+00	3.78E-01	5.69E+00	
VH418TR	6.03E-02	1.90E+01	4.34E-01	1.93E+01	1.81E-03	0.00E+00	5.62E+00	1.25E-04	1.18E-02	1.34E-01	3.94E-02	8.01E+00	2.59E-07	1.99E-07	3.05E+01	6.04E+00	6.33E-02	2.01E-01	1.34E-01	8.27E+00	3.70E+00	1.18E+02	2.42E-07	4.21E-07	4.31E-02	4.80E-03	1.90E+01	1.03E+01	4.82E+02	1.65E-02	4.78E+02	5.26E+02	2.97E+01	0.00E+00	0.00E+00	8.92E-02	5.84E+00	
VH418TS	5.88E-02	1.60E+01	3.61E-01	1.44E+01	1.78E-03	0.00E+00	2.46E+00	9.66E-05	1.07E-02	1.14E-01	3.69E-02	8.79E+00	5.18E-07	2.26E-07	3.02E+01	6.09E+00	4.99E-02	1.98E-01	1.16E-01	7.02E+00	3.44E+00	1.10E+02	2.34E-07	3.99E-07	3.75E-02	4.20E-03	1.32E+01	9.42E+00	4.64E+02	1.39E-02	4.64E+02	4.87E+02	2.21E+01	0.00E+00	0.00E+00	3.79E-01	4.92E+00	
VH12AT	4.73E-02	1.34E+01	1.95E-01	1.35E+01	2.23E-05	0.00E+00	2.21E+03	9.10E-05	7.47E-03	8.16E-02	2.13E-02	6.84E+00	3.67E-06	2.01E-07	2.69E+01	2.53E-01	2.89E-02	4.85E-01	8.75E-02	2.07E+00	5.32E+00	4.34E+01	1.66E-07	2.76E-07	2.77E-02	4.99E-04	5.55E+00	3.98E+00	5.67E+02	1.94E-04	5.73E+02	5.97E+02	3.83E+00	0.00E+00	0.00E+00	2.19E-02	3.81E+00	
VH12DKN	4.42E-02	1.25E+01	1.83E-01	1.26E+01	2.17E-05	0.00E+00	8.69E-02	7.87E-05	7.07E-03	7.80E-02	2.07E-02	4.05E+00	3.90E-08	1.66E-07	2.38E+01	2.42E-01	2.81E-02	4.76E-01	8.08E-02	2.11E+00	5.20E+00	4.28E+01	1.43E-07	2.59E-07	2.61E-02	4.55E-04	5.47E+00	5.51E+00	5.62E+02	1.34E-04	5.73E+02	5.93E+02	8.16E+00	0.00E+00	0.00E+00	1.15E-02	3.46E+00	
VH12EP	4.45E-02	1.26E+01	1.84E-01	1.29E+01	2.20E-05	0.00E+00	1.01E+03	7.85E-05	7.07E-03	7.79E-02	2.13E-02	4.13E+00	3.92E-08	1.64E-07	2.43E+01	2.34E-01	2.89E-02	4.75E-01	8.24E-02	2.08E+00	5.37E+00	4.27E+01	1.43E-07	2.61E-07	2.69E-02	4.42E-04	5.49E+00	3.55E+00	5.75E+02	1.30E-04	5.79E+02	5.95E+02	6.29E+00	0.00E+00	0.00E+00	1.24E-02	3.52E+00	
VH12ET	4.63E-02	1.45E+01	1.76E-01	1.47E+01	2.33E-04	0.00E+00	2.14E+03	8.43E-05	6.65E-03	7.33E-02	2.06E-02	6.73E+00	3.11E-08	1.39E-07	2.87E+01	3.16E-01	3.08E-02	4.93E-01	8.39E-02	2.78E-02	5.12E+00	4.38E+01	1.55E-07	3.21E-07	2.62E-02	6.29E-04	7.47E+00	4.28E+00	5.86E+02	2.22E-04	5.88E+02	6.98E+02	3.18E+00	0.00E+00	0.00E+00	2.44E-02	3.62E+00	
VH12NA	4.33E-02	1.28E+01	1.42E-01	1.29E+01	2.23E-05	0.00E+00	1.17E+00	7.82E-05	7.18E-03	7.83E-02	2.13E-02	3.81E+00	3.76E-08	1.73E-07	2.34E+01	2.23E-01	2.88E-02	5.03E-01	8.41E-02	1.93E+00	4.42E+01	1.31E-07	2.54E-07	2.71E-02	4.29E-04	5.26E+00	3.93E+00	5.74E+02	1.33E-04	5.74E+02	5.92E+02	8.18E+00	0.00E+00	0.00E+00	2.11E-02	3.61E+00		
VH12NC	5.84E-02	1.40E+01	1.31E-01	1.42E+01	2.23E-05	0.00E+00	2.70E+00	1.24E-04	8.12E-03	8.86E-02	2.28E-02	1.19E+01	4.31E-08	3.34E-07	4.14E+01	3.17E-01	3.08E-02	5.19E-01	1.02E-01	2.22E+00	5.65E+00	4.41E+01	1.93E-07	3.44E-07	3.08E-02	5.66E-04	5.73E+00	3.07E+00	6.09E+02	2.23E-04	6.09E+02	6.18E+02	8.81E+00	0.00E+00	0.00E+00	2.11E-02	4.40E+00	
VH12NE	4.42E-02	1.32E+01	1.60E-01	1.32E+01	6.32E-05	0.00E+00	8.31E+00	1.83E-04	2.34E-03	8.02E-02	2.17E-02	3.95E+00	4.61E-07	1.81E-07	2.34E+01	5.67E-01	3.94E-02	5.27E-01	8.80E-02	2.08E+00	5.36E+00	4.32E+01	1.52E-07	2.67E-07	2.77E-02	5.32E-04	5.72E+00	3.21E+00	5.79E+02	1.46E-04	5.79E+02	5.88E+02	9.35E+00	0.00E+00	0.00E+00	2.11E-02	3.78E+00	
VH12NN	8.89E-03	2.98E+00	4.77E-03	3.10E+00	1.03E-05	0.00E+00	5.55E-02	4.57E-05	2.20E-03	2.17E-02	7.35E-03	2.18E+00	2.32E-08	4.03E-08	2.32E+00	2.08E-01	9.93E-03	8.51E-02	1.52E-03	1.35E+00	5.79E+01	2.97E+01	9.94E-08	6.99E-08	6.59E-03	3.75E-04	2.33E+00	1.27E+00	7.90E+01	7.63E-05	8.06E+01	8.61E+01	4.67E+00	0.00				

VH60DKN	1.17E-01	3.30E+01	-1.22E-01	3.30E+01	3.30E+05	0.00E+00	2.18E+03	1.88E-04	1.84E-02	2.03E-01	5.06E-02	1.10E+01	5.86E-08	3.90E-07	9.01E+01	4.01E-01	6.85E-02	1.56E+00	2.54E-01	2.88E+00	1.58E+03	9.11E+01	2.47E-07	6.18E-07	7.14E-02	8.73E-04	6.32E+00	4.84E+00	1.61E+03	3.02E-04	1.66E+03	1.68E+03	1.18E+01	0.00E+00	0.00E+00	2.85E-02	1.06E+01
VH60EP	1.19E-01	3.25E+01	-5.99E-01	3.26E+01	3.45E+05	0.00E+00	2.34E+03	1.80E-04	1.83E-02	1.97E-01	5.03E-02	1.33E+01	1.36E-07	4.31E-07	8.71E+01	4.15E-01	6.80E-02	1.51E+00	2.41E-01	3.12E+00	1.57E+03	9.43E+01	2.64E-07	6.35E-07	7.04E-02	8.63E-04	6.52E+00	4.06E+01	1.59E+03	3.08E-04	1.64E+03	1.66E+03	1.26E+01	0.00E+00	0.00E+00	3.86E-02	1.03E+01
VH60ET	1.17E-01	3.35E+01	1.23E-01	3.40E+01	1.42E-04	0.00E+00	2.20E+03	1.63E-04	1.84E-02	2.02E-01	4.54E-02	1.21E+01	6.41E-08	4.21E-07	8.88E+01	7.58E-01	6.14E-02	1.64E+00	2.86E-01	3.26E+00	1.55E+03	9.15E+01	2.59E-07	5.92E-07	7.16E-02	9.90E-04	7.84E+00	4.39E+00	1.61E+03	3.01E-03	1.65E+03	1.68E+03	1.18E+01	0.00E+00	0.00E+00	5.23E-02	1.21E+01
VH60MMV	1.24E-01	3.47E+01	1.37E-01	3.42E+01	3.85E-04	0.00E+00	2.48E+03	2.95E-04	1.99E-02	2.19E-01	4.43E-02	3.20E+00	5.29E-07	3.46E-07	2.65E+01	1.92E+00	5.98E-02	2.26E+00	3.92E-01	3.75E+00	1.84E+03	8.78E+01	1.94E-06	6.69E-07	7.53E-02	1.23E-03	9.17E+00	1.10E+00	1.94E+03	1.48E-03	1.94E+03	1.94E+03	1.72E+01	0.00E+00	0.00E+00	5.24E-02	1.25E+01
VH60NA	1.05E-01	3.06E+01	-2.49E-01	3.09E+01	4.88E+05	0.00E+00	2.30E+03	1.65E-04	1.67E-02	1.82E-01	4.92E-02	1.08E+01	6.02E-08	4.10E-07	8.84E+01	4.74E-01	6.67E-02	1.34E+00	2.01E-01	2.91E+00	1.38E+03	9.12E+01	2.78E-07	5.77E-07	6.48E-02	8.74E-04	6.72E+00	7.07E+00	1.47E+03	2.11E-04	1.47E+03	1.48E+03	1.24E+01	0.00E+00	0.00E+00	4.42E-02	8.63E+00
VH60NE	1.19E-01	3.29E+01	4.01E-01	3.31E+01	1.52E-04	0.00E+00	1.99E+03	3.65E-04	1.89E-02	2.05E-01	5.08E-02	7.83E+00	7.10E-07	3.58E-07	9.03E+01	1.14E+00	6.83E-02	1.66E+00	2.98E-01	2.94E+00	1.83E+03	9.15E+01	3.39E-07	6.35E-07	7.19E-02	8.93E-04	6.91E+00	7.62E+00	1.68E+03	2.98E-04	1.72E+03	1.75E+03	1.26E+01	0.00E+00	0.00E+00	3.91E-02	1.11E+01
VH60NK	2.32E-02	6.66E+00	4.92E-02	6.71E+00	1.22E+05	0.00E+00	5.51E-04	3.99E-04	4.13E-03	4.47E-02	1.41E-02	3.92E+00	1.62E-08	1.62E-08	2.08E+00	2.29E-01	1.91E-02	1.76E-02	3.85E-01	8.89E+00	6.59E+03	6.24E+01	1.17E-07	1.55E-07	1.39E-02	4.69E-04	4.90E+00	1.64E+00	1.40E+03	1.10E-04	1.48E-02	1.54E+00	6.63E+00	0.00E+00	0.00E+00	2.11E-02	1.22E+00
VH60NKM	4.41E-02	6.02E+00	2.35E-02	7.16E+00	2.93E-04	0.00E+00	4.78E-03	7.96E-05	5.11E-03	5.26E-02	1.60E-02	3.99E+00	7.54E-08	1.16E-07	1.04E+00	1.50E+00	1.21E-01	1.01E-01	6.18E-02	2.69E+00	1.16E+03	9.96E+01	3.66E-06	2.72E-07	1.75E-02	7.09E-04	5.54E+00	1.06E+00	1.47E+03	1.14E-04	1.64E-02	1.75E+03	3.29E+00	0.00E+00	0.00E+00	1.03E-02	2.64E+00
VH60NN	1.56E-01	3.78E+01	-2.31E-01	3.80E+01	4.88E+05	0.00E+00	4.21E+03	2.23E-04	2.21E-02	2.40E-01	5.08E-02	2.27E+01	7.54E-08	6.74E-07	9.49E+01	5.93E-01	6.88E-02	2.00E+00	3.17E-01	3.31E+00	1.97E+03	9.95E+01	3.65E-06	8.57E-07	8.49E-02	1.01E-03	7.56E+00	6.86E+00	2.07E+03	5.90E-04	2.07E+03	2.08E+03	1.34E+01	0.00E+00	0.00E+00	4.42E-02	1.36E+01
VH60NW	1.24E-01	3.47E+01	-1.54E-01	3.48E+01	6.80E-04	0.00E+00	2.67E+03	3.22E-04	1.99E-02	2.19E-01	4.50E-02	6.03E+00	7.22E-07	3.78E-07	2.33E+01	2.74E+00	6.08E-02	1.95E+00	2.94E-01	4.91E+00	1.82E+03	8.14E+01	2.21E-06	6.97E-07	7.61E-02	1.43E-03	1.29E+01	5.68E+00	1.90E+03	4.41E-04	1.90E+03	1.92E+03	1.86E+01	0.00E+00	0.00E+00	4.42E-02	1.22E+01
VH60NWB	1.15E-01	3.10E+01	-1.52E-01	3.16E+01	2.79E-04	0.00E+00	7.13E-02	2.53E-04	1.84E-02	2.11E-01	4.23E-02	6.19E+00	6.89E-08	3.19E-07	2.53E+01	7.97E-01	6.73E-02	1.92E+00	2.61E-01	2.85E+00	1.87E+03	8.41E+01	2.91E-07	6.33E-07	7.15E-02	8.49E-04	6.33E+00	5.29E+00	1.75E+03	3.36E-04	1.78E+03	1.82E+03	1.24E+01	0.00E+00	0.00E+00	2.55E-02	1.15E+01
VH60NWP	1.23E-01	3.43E+01	-1.49E-01	3.46E+01	6.87E-04	0.00E+00	2.65E+03	3.08E-04	1.97E-02	2.17E-01	4.53E-02	6.11E+00	7.13E-07	3.46E-07	2.60E+01	2.65E+00	6.12E-02	1.92E+00	2.88E-01	3.48E+00	1.82E+03	8.93E+01	2.15E-06	6.90E-07	7.53E-02	1.29E-03	1.95E+01	5.52E+00	2.10E+03	4.11E-04	1.91E+03	1.93E+03	1.73E+01	0.00E+00	0.00E+00	6.42E-02	1.14E+01
VH60WWH	1.28E-01	3.79E+01	1.24E-01	3.78E+01	1.26E-03	0.00E+00	2.62E+03	2.98E-04	2.15E-02	2.34E-01	4.22E-02	5.99E+00	7.23E-07	3.59E-07	3.09E+01	4.23E+00	5.69E-02	2.51E+00	3.70E-01	4.46E+00	1.97E+03	8.96E+01	2.23E-06	6.98E-07	8.04E-02	1.82E-03	1.48E+01	5.28E+00	1.82E+03	6.29E-04	2.08E+03	2.11E+03	2.13E+01	0.00E+00	0.00E+00	6.15E-02	1.61E+01
VH60WWW	1.11E-01	3.56E+01	-1.38E-01	3.49E+01	7.02E-04	0.00E+00	2.47E+03	3.97E-04	2.05E-02	2.19E-01	3.97E-02	6.19E+00	2.97E-07	3.47E-07	2.78E+01	2.27E+00	3.96E-02	2.53E+00	3.82E-01	4.37E+00	1.93E+03	8.96E+01	1.98E-06	6.51E-07	7.43E-02	1.53E-03	1.29E+01	5.07E+00	2.08E+03	1.48E-03	2.05E+03	2.07E+03	2.01E+01	0.00E+00	0.00E+00	5.20E-02	1.39E+01
VR108NE	6.56E-03	1.82E+00	-7.81E-01	1.44E+00	2.29E-06	0.00E+00	8.75E+00	1.07E-05	1.02E-03	1.07E-02	3.88E-03	5.66E-01	3.15E-08	1.44E-08	2.26E+00	2.33E-01	5.17E-03	2.28E-02	1.22E-02	4.40E-01	2.98E+01	1.31E+03	3.23E-08	3.99E-08	3.39E-03	2.56E-04	1.13E+00	1.53E+00	4.11E+01	2.08E-04	4.09E+01	4.17E+01	3.02E+00	0.00E+00	0.00E+00	7.38E-02	5.25E-01
VR108NH	6.58E-03	1.32E+00	-8.14E-02	1.43E+00	1.52E-06	0.00E+00	4.37E+02	2.65E-01	1.02E-03	1.07E-02	3.84E+03	7.42E-01	3.09E-08	1.25E-08	2.17E+00	2.84E-01	4.88E-03	2.20E-02	1.13E-02	4.61E-01	3.02E+01	1.28E+03	3.90E-08	3.88E-08	3.54E-03	2.62E-04	1.25E+00	1.44E+00	4.10E+01	2.39E-04	4.02E+01	4.09E+01	2.94E+00	0.00E+00	0.00E+00	8.04E-02	4.85E-01
VR108NP	6.95E-03	1.68E+00	-1.26E-01	1.65E+00	6.84E-06	0.00E+00	8.72E+00	1.02E-04	1.46E-03	1.48E-02	4.78E-03	1.40E+00	1.92E-07	3.68E-08	4.77E+00	4.42E-01	6.48E-03	3.57E-02	1.64E-02	5.31E-01	4.74E+01	1.23E+03	5.68E-08	5.24E-08	4.89E-03	3.03E-04	1.62E+00	2.12E+00	5.38E+01	2.50E-04	5.78E+01	7.70E+01	3.95E+00	0.00E+00	0.00E+00	1.29E-01	7.08E-01
VR108PP	7.33E-03	1.41E+00	-1.34E-01	1.53E+00	8.64E+05	0.00E+00	8.02E+00	1.07E-04	1.18E-03	1.28E-02	5.21E-03	1.43E+00	2.31E-07	4.30E-08	5.13E+00	5.47E-01	7.05E-03	3.82E-02	1.45E-02	5.37E-01	4.07E+01	8.46E+00	2.94E-08	5.04E-08	4.89E-03	2.96E-04	2.10E+00	2.10E+00	4.92E+01	2.65E+00	4.92E+01	5.34E+01	4.20E+00	0.00E+00	0.00E+00	2.23E-01	6.34E-01
VR108TD	9.01E-03	1.58E+00	-7.73E-02	1.70E+00	9.41E+05	0.00E+00	8.65E+00	9.73E-05	1.26E-03	1.34E-02	5.05E-03	1.43E+00	1.88E-07	3.94E-08	4.83E+00	6.15E-01	6.88E-03	3.38E-02	1.67E-02	6.92E-01	3.60E+01	1.12E+03	5.52E-08	5.19E-08	4.27E-03	3.37E-04	2.10E+00	1.63E+00	4.77E+01	2.56E-04	4.71E+01	5.12E+01	4.19E+00	0.00E+00	0.00E+00	1.23E-01	7.12E-01
VR108TF	6.90E-03	1.68E+00	-1.27E-01	1.65E+00	1.02E-04	0.00E+00	8.75E+00	4.87E-03	1.46E-03	1.48E-02	4.85E-03	1.29E+00	1.03E-07	3.21E-08	4.29E+00	6.42E-01	6.04E-03	2.96E-02	1.68E-02	5.77E-01	4.67E+01	1.21E+03	6.06E-08	5.90E-08	4.79E-03	3.26E-04	1.94E+00	2.46E+00	5.28E+01	2.20E-04	5.68E+01	7.57E+01	3.88E+00	0.00E+00	0.00E+00	1.13E-01	7.41E-01
VR108TP	8.78E-03	1.62E+00	-1.17E-01	1.73E+00	9.63E+05	0.00E+00	8.93E+00	1.31E-03	1.38E-02	5.18E-03	1.42E+00	2.09E+00	2.49E-08	4.04E-08	4.94E+00	6.44E-01	7.02E-03	3.65E-02	1.65E-02	6.08E-01	3.71E+03	1.93E+01	6.11E-08	5.10E-08	4.44E-03	3.64E-04	2.14E+00	2.08E+00	4.83E+01	2.51E-04	4.78E+01	5.30E+01	4.20E+00	0.00E+00	0.00E+00	1.24E-01	7.93E-01
VR112NE	7.08E-03	1.18E+00	-1.87E-01	1.37E+00	0.00E+00	0.00E+00	8.94E+00	6.15E-04	1.11E-03	1.15E-02	5.71E-03	4.86E+00	2.49E-08	1.46E-08	1.78E+00	1.08E-01	7.73E-03	3.06E-02	1.17E-02	4.80E-01	2.08E+01	7.54E+00	1.57E-07	1.44E-07	3.57E-03	6.94E-04	9.14E+01	2.78E+00	4.60E+01	6.86E+00	2.83E+01	3.20E+01	3.68E+00	0.00E+00	0.00E+00	2.97E-01	5.04E-01
VR112NH	9.71E-03	1.44E+00	8.28E-02	1.59E+00	3.52E-06	0.00E+00	4.38E+02	3.04E-01	1.13E-03	1.22E-02	4.18E-03	1.51E+00	3.63E-08	1.80E-08	2.49E+00	2.99E-01	6.63E-03	2.43E-02	2.01E-02	5.49E-01	2.41E+01	1.56E+03	6.91E-08	5.32E-08	4.00E-03	3.14E-04	1.21E+00	1.57E+00	4.02E+01	4.35E-04	4.24E+01	4.34E+01	3.98E+00	0.00E+00	0.00E+00	8.72E-02	8.72E-01
VR112PD	9.82E-03	1.92E+00	-1.75E-01	2.12E+00	1.11E-04	0.00E+00	3.78E+01	1.09E-04	1.61E-03	1.70E-02	6.77E-03	2.06E+00	2.08E-07	4.83E-08	6.28E+00	6.92E-01	9.11E-03	3.78E-02	2.03E-02	7.72E-01	3.90E+01	1.41E+03	1.52E-07	1.09E-07	5.14E-03	4.19E-04	2.00E+00	3.07E+00	5.98E+01	1.55E-04	5.33E+01	5.75E+01	4.74E+00	0.00E+00	0.00E+00	1.72E-01	8.68E-01
VR112PP	9.92E-03	1.82E+00	-1.72E-01	1.99E+00	1.16E-04	0.00E+00	1.20E+01	1.09E-04	1.54E-03	1.64E-02	6.77E-03	8.93E+00	2.38E-07	5.32E-08	5.19E+00	6.37E-01	9.16E-03	4.64E-02	1.87E-02	8.28E-01	3.28E+01	1.07E+03	1.80E-07	1.71E-07	5.14E-03	4.48E-04	2.13E+00	2.87E+00	4.38E+01	9.10E+00	4.35E+01	4.85E+01	4.90E+00	0.00E+00			

VS108TF	7.11E-03	1.73E+00	-1.33E-01	1.97E+00	3.48E-04	0.00E+00	3.82E-01	4.19E-05	1.40E-03	1.52E-02	5.31E-03	8.77E-01	1.12E-07	2.23E-08	4.89E+00	1.28E+00	7.21E-03	1.17E-02	1.63E-02	9.37E-01	2.98E-01	1.94E-01	4.95E-08	5.87E-08	4.99E-03	7.77E-04	2.38E+00	1.85E+00	4.29E-01	1.30E-03	4.34E-01	4.89E-01	4.52E+00	0.00E+00	0.00E+00	1.05E-02	6.99E-01	
VS108TJ	7.67E-03	1.88E+00	-1.78E-01	2.11E+00	3.47E-04	0.00E+00	3.88E-01	4.39E-05	1.60E-03	1.67E-02	6.40E-03	7.86E-01	1.43E-07	2.69E-08	5.20E+00	1.30E+00	8.81E-03	1.44E-02	1.72E-02	1.08E+00	3.73E-01	2.05E-01	4.88E-08	5.49E-08	5.20E-03	8.43E-04	2.51E+00	3.07E+00	5.80E-01	1.23E-03	5.38E-01	5.67E-01	4.74E+00	0.00E+00	0.00E+00	1.11E-02	7.40E-01	
VS108TM	7.48E-03	1.81E+00	-1.60E-01	2.02E+00	3.48E-04	0.00E+00	3.82E-01	4.42E-05	1.58E-03	1.61E-02	6.81E-03	7.34E-01	1.22E-07	2.49E-08	5.00E+00	1.29E+00	7.85E-03	1.36E-02	1.71E-02	1.05E+00	2.84E-01	2.02E-01	4.95E-08	5.44E-08	5.18E-03	8.32E-04	2.48E+00	2.51E+00	4.44E-01	1.27E-03	4.45E-01	4.73E-01	4.70E+00	0.00E+00	0.00E+00	1.09E-02	7.35E-01	
VS108TP	7.58E-03	1.80E+00	-1.77E-01	2.03E+00	3.47E-04	0.00E+00	3.84E-01	4.42E-05	1.59E-03	1.61E-02	6.82E-03	7.42E-01	1.29E-07	2.51E-08	5.09E+00	1.30E+00	7.87E-03	1.37E-02	1.74E-02	1.05E+00	2.90E-01	2.01E-01	4.95E-08	5.42E-08	5.15E-03	8.36E-04	2.48E+00	2.48E+00	4.50E-01	1.04E-03	4.53E-01	4.88E-01	4.72E+00	0.00E+00	0.00E+00	1.09E-02	7.48E-01	
VS108TR	7.74E-03	2.21E+00	-1.57E-01	2.39E+00	3.68E-04	0.00E+00	4.33E-02	3.10E-05	1.71E-03	1.83E-02	5.82E-03	8.26E-01	9.54E-08	2.63E-08	6.41E+00	1.33E+00	7.88E-03	1.57E-02	1.74E-02	1.08E+00	4.21E-01	2.03E-01	6.09E-08	6.36E-08	6.85E-03	7.99E-04	2.84E+00	2.48E+00	4.98E-01	8.87E-04	5.27E-01	5.78E-01	4.80E+00	0.00E+00	0.00E+00	7.97E-04	7.57E-01	
VS108TS	7.98E-03	2.10E+00	-8.43E-02	2.26E+00	3.68E-04	0.00E+00	5.11E-02	3.84E-05	1.65E-03	1.74E-02	6.98E-03	7.59E-01	1.09E-07	2.63E-08	7.29E+00	1.33E+00	7.70E-03	1.47E-02	1.70E-02	1.08E+00	3.71E-01	1.98E-01	5.49E-08	6.33E-08	6.95E-03	8.22E-04	2.85E+00	1.69E+00	4.98E-01	1.16E-03	5.08E-01	5.44E-01	4.83E+00	0.00E+00	0.00E+00	1.38E-02	7.40E-01	
VS112PA	1.66E-02	3.71E+00	-2.71E-01	3.99E+00	1.59E-05	0.00E+00	5.91E-01	5.94E-05	2.66E-03	3.00E-02	9.34E-02	6.21E+00	1.30E-07	4.92E-08	9.23E+00	4.65E-01	1.26E-02	4.64E-02	3.97E-02	1.35E+00	6.62E-01	2.92E-01	2.12E-07	2.40E-07	6.66E-03	7.02E-04	2.32E+00	3.66E+00	1.03E+00	3.90E-03	9.98E-01	1.04E+00	5.26E+00	0.00E+00	0.00E+00	4.63E-02	1.42E+00	
VS112PD	1.46E-02	3.21E+00	-2.93E-01	3.42E+00	2.28E-05	0.00E+00	1.72E-02	5.54E-05	2.84E-03	2.78E-02	9.96E-03	8.81E+00	1.96E-07	6.42E-08	6.51E+00	1.28E-02	3.82E-02	4.11E-02	3.31E-02	1.32E+00	4.17E-01	3.40E-01	2.06E-07	1.90E-07	9.40E-03	8.00E-04	3.05E+00	4.44E+00	7.56E-01	7.64E-03	7.58E-01	8.31E-01	4.96E+00	0.00E+00	0.00E+00	3.00E+00	1.42E+00	
VS112PE	1.35E-02	3.25E+00	-2.75E-01	3.53E+00	2.28E-05	0.00E+00	1.72E-01	3.99E-05	2.57E-03	2.71E-02	9.46E-03	8.54E+00	1.19E-07	3.70E-08	6.83E+00	5.95E-01	1.26E-02	3.12E-02	1.29E+00	4.00E-01	3.39E-01	2.06E-07	1.95E-07	8.73E-03	7.90E-04	2.83E+00	4.43E+00	7.40E-01	7.63E-03	7.40E-01	8.12E-01	7.26E+00	0.00E+00	0.00E+00	3.00E+00	1.34E+00		
VS112PEB	1.16E-02	2.94E+00	-2.98E-01	3.23E+00	4.88E-06	0.00E+00	1.51E-01	1.28E-05	2.34E-03	2.46E-02	9.95E-03	4.98E+00	3.98E-08	2.35E-08	2.26E+00	4.72E-01	1.23E-02	3.42E-02	2.89E-02	1.04E+00	3.45E-01	3.25E-01	1.90E-07	1.81E-07	7.94E-03	6.43E-04	1.85E+00	4.36E+00	6.70E-01	7.62E-03	6.70E-01	7.33E-01	6.24E+00	0.00E+00	0.00E+00	3.00E+00	1.20E+00	
VS112PF	1.54E-02	3.55E+00	-9.02E-02	3.90E+00	1.34E-05	0.00E+00	6.86E-01	4.83E-05	2.68E-03	2.88E-02	8.85E-03	5.42E+00	1.14E-07	6.34E-08	9.18E+00	4.91E-01	1.20E-02	4.21E-02	3.03E-02	1.24E+00	5.75E-01	2.81E-01	1.74E-07	1.88E-07	9.30E-03	6.94E-04	2.20E+00	1.97E+00	9.75E-01	5.79E-03	9.38E-01	9.78E-01	5.32E+00	0.00E+00	0.00E+00	4.03E-02	1.30E+00	
VS112PJ	1.71E-02	3.71E+00	-1.83E-01	4.01E+00	2.95E-05	0.00E+00	8.94E-01	6.43E-05	2.68E-03	3.00E-02	9.33E-03	6.28E+00	1.23E-07	7.66E-08	9.29E+00	4.99E-01	1.26E-02	4.64E-02	3.37E-02	1.36E+00	6.65E-01	2.89E-01	2.03E-07	1.93E-07	8.69E-03	7.01E-04	2.35E+00	3.09E+00	1.01E+00	5.81E-03	9.95E-01	1.05E-03	5.38E+00	0.00E+00	0.00E+00	4.18E-02	1.48E+00	
VS112PM	1.54E-02	3.53E+00	-1.47E-01	3.89E+00	1.34E-05	0.00E+00	6.86E-01	4.83E-05	2.65E-03	2.88E-02	8.85E-03	5.54E+00	1.17E-07	6.34E-08	9.18E+00	4.95E-01	1.20E-02	4.22E-02	3.03E-02	1.24E+00	5.92E-01	2.82E-01	1.74E-07	1.88E-07	9.30E-03	6.96E-04	2.15E+00	2.55E+00	9.71E-01	5.79E-03	9.35E-01	9.83E-01	5.31E+00	0.00E+00	0.00E+00	4.03E-02	1.31E+00	
VS112PP	2.13E-02	3.94E+00	-3.00E-01	4.24E+00	1.88E-06	0.00E+00	1.09E-02	2.73E-05	3.14E-03	3.32E-02	1.05E-02	6.45E+00	4.87E-08	1.14E-07	4.14E-01	5.28E-01	1.42E-02	4.12E-02	3.97E-02	1.35E+00	5.88E-01	3.40E-01	2.31E-07	2.40E-07	9.60E-03	7.61E-04	3.09E+00	4.21E+00	1.03E-01	7.67E-03	9.33E-01	1.01E+00	5.26E+00	0.00E+00	0.00E+00	2.41E-02	1.70E+00	
VS112PR	2.00E-02	3.94E+00	-2.33E-01	4.28E+00	3.62E-04	0.00E+00	1.92E-02	3.88E-05	3.01E-03	3.26E-02	9.40E-03	6.95E+00	1.25E-07	8.28E-08	1.10E-01	1.51E-03	1.30E-02	4.44E-02	3.39E-02	1.67E+00	7.60E-01	2.75E-01	1.70E-07	1.89E-07	1.07E-02	9.84E-04	3.50E+00	4.03E+00	1.05E-01	4.33E-03	1.06E-02	1.16E-02	6.28E+00	0.00E+00	0.00E+00	2.32E-02	1.48E+00	
VS112PS	2.14E-02	3.94E+00	-3.14E-01	4.26E+00	1.88E-05	0.00E+00	1.10E-03	2.74E-05	3.16E-03	3.36E-02	1.08E-02	6.47E+00	1.42E-07	1.16E-07	1.34E-01	5.19E-01	1.43E-02	4.13E-02	3.99E-02	1.28E+00	5.98E-01	3.46E-01	2.35E-07	2.41E-07	1.09E-02	7.20E-04	3.14E+00	4.90E+00	9.44E-01	7.67E-03	9.44E-01	1.02E-02	8.04E+00	0.00E+00	0.00E+00	2.41E-02	1.71E+00	
VS112PY	1.87E-02	3.87E+00	-2.33E-01	4.17E+00	1.62E-05	0.00E+00	5.79E-02	5.62E-05	2.95E-03	3.23E-02	9.60E-03	6.74E+00	1.32E-07	9.35E-08	1.16E-01	5.04E-01	1.30E-02	4.62E-02	3.39E-02	1.29E+00	6.82E-01	2.99E-01	2.16E-07	1.98E-07	1.04E-02	7.29E-04	2.35E+00	3.63E+00	1.08E-01	6.25E-03	1.04E-02	1.10E+00	6.40E+00	0.00E+00	0.00E+00	4.89E-02	1.46E+00	
VS112TA	1.84E-02	3.79E+00	-2.09E-01	4.13E+00	3.38E-04	0.00E+00	1.17E-02	5.08E-05	3.82E-03	3.18E-02	9.49E-03	6.18E+00	1.25E-07	8.06E-08	1.03E-01	1.44E+00	1.28E-02	4.55E-02	3.38E-02	1.65E+00	7.28E-01	2.65E-01	1.90E-07	1.90E-07	1.02E-02	1.05E-03	3.47E+00	3.60E+00	1.04E-01	5.46E-03	1.03E-02	1.10E-02	6.88E+00	0.00E+00	0.00E+00	3.97E-02	1.48E+00	
VS112TD	1.84E-02	3.78E+00	-1.50E-01	4.11E+00	3.38E-04	0.00E+00	2.41E-02	5.16E-05	2.70E-03	3.03E-02	9.39E-03	5.83E+00	1.12E-07	8.22E-08	1.05E-01	1.44E+00	1.27E-02	4.54E-02	3.33E-02	1.65E+00	7.28E-01	2.66E-01	1.82E-07	1.87E-07	9.81E-03	1.03E-03	3.32E+00	3.07E+00	1.04E-01	5.42E-03	1.03E-02	1.10E-02	6.82E+00	0.00E+00	0.00E+00	4.58E-02	1.45E+00	
VS112TE	1.72E-02	2.99E+00	-2.98E-01	3.28E+00	3.37E-04	0.00E+00	4.21E-01	2.63E-02	2.34E-03	2.49E-02	9.12E-03	5.98E+00	9.69E-08	4.97E-08	4.51E+00	1.44E+00	1.24E-02	4.46E-02	3.15E-02	1.61E+00	5.83E-01	2.48E-01	1.73E-07	1.52E-07	6.15E-03	1.02E-02	2.96E+00	3.57E+00	3.29E-01	4.32E-03	8.22E-01	8.92E-01	6.07E+00	0.00E+00	0.00E+00	8.07E-02	1.42E+00	
VS112TF	1.80E-02	3.81E+00	-2.06E-01	4.24E+00	3.38E-04	0.00E+00	1.17E-02	5.54E-05	2.84E-03	2.95E-02	9.03E-03	6.21E+00	1.15E-07	8.42E-08	1.07E-01	1.45E+00	1.29E-02	4.28E-02	3.05E-02	1.63E+00	7.18E-01	2.62E-01	1.68E-07	1.82E-07	9.49E-03	1.01E-03	3.11E+00	4.22E+00	1.03E-01	7.62E-03	9.33E-01	1.02E-02	1.09E-02	6.95E+00	0.00E+00	0.00E+00	3.65E-02	1.33E+00
VS112TJ	1.83E-02	3.86E+00	-8.66E-02	4.15E+00	3.40E-04	0.00E+00	1.18E-02	6.06E-05	2.75E-03	3.06E-02	9.39E-03	5.49E+00	1.16E-07	8.01E-08	1.04E-01	1.45E+00	1.27E-02	4.51E-02	3.34E-02	1.65E+00	6.93E-01	2.65E-01	1.84E-07	1.87E-07	9.94E-03	1.01E-03	3.23E+00	3.09E+00	1.03E-01	5.29E-03	1.03E-02	1.10E-02	6.82E+00	0.00E+00	0.00E+00	3.61E-02	1.48E+00	
VS112TM	1.84E-02	3.79E+00	-1.47E-01	4.10E+00	3.38E-04	0.00E+00	1.17E-02	5.04E-05	2.69E-03	3.01E-02	9.38E-03	5.77E+00	1.13E-07	8.05E-08	1.04E-01	1.45E+00	1.27E-02	4.56E-02	3.32E-02	1.64E+00	7.22E-01	2.66E-01	1.85E-07	1.88E-07	9.72E-03	1.02E-03	3.18E+00	3.06E+00	1.04E-01	5.29E-03	1.03E-02	1.10E-02	6.99E+00	0.00E+00	0.00E+00	3.65E-02	1.43E+00	
VS112TP	2.14E-02	4.28E+00	-2.77E-01	4.54E+00	3.21E-04	0.00E+00	1.10E-03	3.06E-05	3.29E-03	3.47E-02	1.07E-02	6.46E+00	4.93E-08	1.19E-07	1.43E-01	1.28E+00	1.45E-02	4.15E-02	3.83E-02	1.81E+00	6.99E-01	3.33E-01	2.48E-07	2.43E-07	1.13E-02	9.79E-04	4.16E+00	4.83E+00	1.03E-01	7.67E-03	1.03E-02	1.12E-02	9.00E+00	0.00E+00	0.00E+00	2.41E-02	1.64E+00	
VS112TR	2.04E-02	3.94E+00	-1.92E-01	4.29E+00	3.62E-04	0.00E+00	6.19E-02	3.79E-05	3.04E-03	3.28E-02	9.44E-03	6.99E+00	1.19E-07	8.60E-08	1.10E-01	1.48E+00	1.31E-02	4.48E-02	3.39E-02	1.67E+00	7.88E-01	2.77E-01	1.66E-07	1.90E-07	1.08E-02	9.81E-04	3.33E+00	3.40E+00	1.05E-01	4.33E-03	1.06E-02	1.16E-02	6.15E+00					

VS212TD	2.16E-02	6.53E-04	2.19E-01	5.75E-04	5.21E-04	0.00E+00	3.62E-01	9.62E-05	3.90E-03	4.16E-02	1.37E-02	1.15E-01	2.72E-07	8.42E-08	9.78E-04	2.11E-04	1.86E-02	7.33E-02	4.74E-02	2.70E-04	7.95E-01	4.66E-01	3.96E-07	3.54E-07	1.37E-02	1.53E-03	5.33E-04	4.78E-04	1.26E-02	1.09E-02	1.26E-02	1.36E-02	1.01E-01	0.00E+00	0.00E+00	0.00E+00	2.04E-00
VS212TE	1.95E-02	4.55E-04	-2.37E-01	4.95E-04	4.95E-04	0.00E+00	4.15E-01	4.28E-05	3.68E-03	3.87E-02	1.35E-02	1.04E-01	1.19E-07	6.27E-08	4.80E-04	2.00E-04	1.82E-02	6.40E-02	4.55E-02	2.08E-04	6.70E-01	4.96E-01	3.45E-07	3.04E-07	1.23E-02	1.42E-03	4.21E-04	4.72E-04	1.03E-02	7.83E-03	1.02E-02	1.12E-02	9.41E-01	0.00E+00	0.00E+00	5.38E-02	1.97E-00
VS212TF	2.25E-02	5.24E-04	1.96E-01	5.53E-04	4.95E-04	0.00E+00	4.78E-01	7.44E-05	3.87E-03	4.11E-02	1.28E-02	1.07E-01	1.95E-07	9.20E-08	1.05E-01	2.00E-04	1.73E-02	5.49E-02	4.45E-02	1.99E-04	9.90E-01	4.42E-01	3.07E-07	3.01E-07	1.37E-02	1.33E-03	4.37E-04	3.83E-04	1.44E-02	7.28E-03	1.45E-02	1.91E-02	7.23E-01	0.00E+00	0.00E+00	4.48E-02	1.52E-00
VS212TJ	2.47E-02	6.56E-04	2.49E-01	6.74E-04	4.98E-04	0.00E+00	2.74E-02	6.44E-05	4.62E-03	4.95E-02	1.42E-02	1.30E-01	1.62E-07	1.04E-07	1.31E-01	1.99E-04	1.92E-02	5.42E-02	4.66E-02	2.78E-04	1.07E-01	4.92E-01	3.58E-07	3.16E-07	1.54E-02	1.56E-03	5.29E-04	4.85E-04	1.53E-02	7.83E-03	1.53E-02	1.62E-02	1.05E-01	0.00E+00	0.00E+00	1.75E-02	2.02E-00
VS212TM	2.29E-02	5.14E-04	-1.43E-01	5.51E-04	4.98E-04	0.00E+00	5.51E-01	7.60E-05	3.89E-03	4.16E-02	1.39E-02	1.08E-01	1.87E-07	9.27E-08	1.15E-01	2.00E-04	1.88E-02	5.48E-02	4.51E-02	2.41E-04	1.04E-01	4.44E-01	3.18E-07	2.97E-07	1.37E-02	1.45E-03	4.78E-04	3.27E-04	1.48E-02	6.75E-03	1.48E-02	1.54E-02	4.74E-01	0.00E+00	0.00E+00	4.29E-02	1.94E-00
VS212TR	2.60E-02	6.70E-04	-1.40E-01	6.84E-04	4.92E-04	0.00E+00	6.54E-02	8.81E-05	4.70E-03	4.96E-02	1.35E-02	1.13E-01	1.47E-07	1.10E-07	1.27E-01	2.02E-04	1.83E-02	5.44E-02	4.81E-02	2.71E-04	1.22E-01	4.80E-01	2.45E-07	2.98E-07	1.55E-02	1.36E-03	5.58E-04	3.26E-04	1.52E-02	4.83E-03	1.63E-02	1.70E-02	6.32E-01	0.00E+00	0.00E+00	2.91E-02	2.09E-00
VS212TS	2.32E-02	5.15E-04	6.51E-02	5.50E-04	4.96E-04	0.00E+00	7.91E-02	5.81E-05	3.91E-03	4.11E-02	1.39E-02	1.15E-01	1.75E-07	1.16E-07	1.24E-01	2.02E-04	1.80E-02	5.44E-02	4.62E-02	2.40E-04	1.02E-01	4.02E-01	3.30E-07	3.01E-07	1.37E-02	1.41E-03	4.75E-04	2.03E-04	1.50E-02	6.77E-03	1.49E-02	1.59E-02	7.50E-01	0.00E+00	0.00E+00	4.81E-02	1.90E-00
VS212TY	2.73E-02	6.82E-04	-2.32E-01	7.04E-04	4.97E-04	0.00E+00	6.78E-02	7.88E-05	4.75E-03	5.06E-02	1.49E-02	1.12E-01	2.05E-07	1.19E-07	1.36E-01	2.11E-04	2.01E-02	5.53E-02	4.83E-02	2.82E-04	1.07E-01	4.79E-01	3.30E-07	3.01E-07	1.37E-02	1.45E-03	4.78E-04	3.27E-04	1.48E-02	6.75E-03	1.58E-02	1.60E-02	1.02E-01	0.00E+00	0.00E+00	2.70E-02	2.01E-00
VS218PA	3.31E-02	7.01E-04	-3.13E-01	7.34E-04	4.13E-05	0.00E+00	6.54E-02	6.34E-05	4.99E-03	5.06E-02	1.81E-02	1.76E-01	3.40E-07	1.58E-07	2.04E-01	1.04E-04	2.45E-02	1.03E-01	6.78E-02	2.20E-04	1.68E-02	6.37E-01	1.22E-07	2.17E-07	1.74E-02	1.36E-03	5.50E-04	4.77E-04	2.30E-02	1.28E-02	2.37E-02	1.15E-01	0.00E+00	0.00E+00	2.54E-02	2.92E-00	
VS218PD	2.57E-02	6.65E-04	2.99E-01	6.81E-04	3.42E-05	0.00E+00	2.65E-01	1.43E-04	4.87E-03	5.00E-02	1.73E-02	2.87E-01	4.41E-07	9.21E-08	1.43E-01	1.28E-04	2.34E-02	1.10E-01	6.51E-02	2.02E-04	1.46E-02	6.99E-01	6.30E-08	1.73E-07	1.60E-02	1.31E-03	6.30E-04	5.19E-04	2.12E-02	6.65E-05	2.12E-02	2.23E-02	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.80E-00
VS218PDE	2.90E-02	6.22E-04	-1.50E-01	6.51E-04	1.09E-05	0.00E+00	3.94E-02	5.31E-05	4.41E-03	4.67E-02	1.66E-02	1.04E-01	2.60E-07	1.07E-07	8.20E-04	1.02E-04	2.23E-02	7.01E-02	6.45E-02	2.03E-04	9.96E-01	5.54E-01	4.07E-07	3.29E-07	1.58E-02	1.37E-03	4.44E-04	3.45E-04	1.54E-02	5.91E-03	1.55E-02	1.68E-02	3.71E-01	0.00E+00	0.00E+00	1.04E-01	2.80E-00
VS218PES	3.00E-02	7.09E-04	-3.12E-01	7.40E-04	4.58E-05	0.00E+00	9.75E-02	3.20E-05	5.11E-03	5.46E-02	1.85E-02	4.38E-01	2.90E-07	1.24E-07	1.55E-01	1.06E-04	2.50E-02	1.01E-01	6.80E-02	2.11E-04	1.68E-02	6.70E-01	8.32E-08	1.96E-07	1.75E-02	1.36E-03	6.28E-04	6.66E-04	2.27E-02	6.69E-05	2.33E-02	2.45E-02	1.19E-01	0.00E+00	0.00E+00	3.90E-02	2.92E-00
VS218PF	3.96E-02	6.84E-04	3.05E-01	7.10E-04	2.77E-05	0.00E+00	9.05E-02	6.62E-05	4.83E-03	5.22E-02	1.73E-02	6.03E-01	3.37E-07	1.61E-07	2.16E-01	1.03E-04	2.95E-02	1.02E-01	6.65E-02	2.19E-04	1.61E-02	6.94E-01	1.17E-07	2.27E-07	1.72E-02	1.37E-03	5.09E-04	5.33E-04	2.37E-02	6.02E-04	2.25E-02	2.31E-02	1.07E-01	0.00E+00	0.00E+00	2.91E-02	2.87E-00
VS218PJ	3.22E-02	6.80E-04	1.18E-01	7.04E-04	2.96E-05	0.00E+00	5.96E-02	7.63E-05	4.81E-03	5.23E-02	1.79E-02	6.73E-01	1.91E-07	1.93E-07	1.05E-04	3.49E-04	2.48E-02	9.85E-02	6.93E-02	3.16E-04	1.53E-02	6.94E-01	1.40E-07	2.30E-07	1.73E-02	1.36E-03	4.99E-04	5.35E-04	2.19E-02	4.69E-03	2.13E-02	2.30E-02	6.35E-01	0.00E+00	0.00E+00	4.48E-02	2.96E-00
VS218PJ1	3.45E-02	7.63E-04	-3.08E-01	7.97E-04	4.14E-05	0.00E+00	6.96E-02	6.15E-05	5.48E-03	5.56E-02	1.90E-02	7.70E-01	3.36E-07	1.68E-07	2.28E-01	1.02E-04	2.58E-02	1.03E-01	7.28E-02	2.17E-04	1.68E-02	6.39E-01	1.21E-07	2.14E-07	1.92E-02	1.37E-03	5.70E-04	4.43E-04	2.38E-02	3.96E-04	2.36E-02	2.49E-02	1.15E-01	0.00E+00	0.00E+00	2.84E-02	3.13E-00
VS218PM	3.34E-02	7.39E-04	-1.89E-01	7.64E-04	2.91E-05	0.00E+00	6.02E-02	7.55E-05	6.21E-03	5.71E-02	1.85E-02	7.72E-01	3.42E-07	1.72E-07	2.10E-01	1.04E-04	2.50E-02	1.03E-01	7.34E-02	2.13E-04	1.70E-02	6.35E-01	1.32E-07	2.23E-07	1.87E-02	1.36E-03	5.58E-04	3.96E-04	2.38E-02	4.42E-03	2.35E-02	2.47E-02	1.06E-01	0.00E+00	0.00E+00	4.48E-02	3.18E-00
VS218PP	3.96E-02	7.86E-04	3.10E-01	8.17E-04	2.74E-05	0.00E+00	2.05E-01	4.54E-05	6.73E-03	6.16E-02	1.92E-02	9.44E-01	6.25E-08	2.19E-07	2.93E-01	1.02E-04	2.59E-02	1.08E-01	7.88E-02	2.25E-04	1.85E-02	6.72E-01	1.12E-07	2.52E-07	1.99E-02	1.37E-03	6.39E-04	5.72E-04	2.53E-02	1.22E-04	2.53E-02	2.65E-02	1.21E-01	0.00E+00	0.00E+00	3.90E-02	3.36E-00
VS218PS	3.56E-02	7.52E-04	-3.13E-01	7.83E-04	2.74E-05	0.00E+00	1.67E-03	4.46E-05	5.47E-03	5.88E-02	1.89E-02	7.31E-01	3.96E-07	1.84E-07	2.25E-01	1.01E-04	2.56E-02	1.06E-01	7.42E-02	2.07E-04	1.79E-02	6.71E-01	1.06E-07	2.27E-07	1.89E-02	1.28E-03	6.34E-04	5.75E-04	2.46E-02	9.92E-05	2.48E-02	2.98E-02	1.20E-01	0.00E+00	0.00E+00	3.90E-02	3.19E-00
VS218PT	1.54E-01	1.13E-01	-1.45E-01	1.15E-01	9.09E-05	0.00E+00	1.68E-02	1.29E-03	8.78E-03	9.70E-02	2.05E-02	9.10E-01	8.92E-08	1.74E-08	2.05E-02	4.26E-04	3.38E-02	3.37E-01	2.38E-01	4.82E-04	2.37E-02	7.00E-01	7.88E-07	1.09E-08	3.73E-02	2.18E-03	1.45E-01	9.97E-04	3.07E-01	1.21E-03	3.07E-02	3.28E-02	2.04E-01	0.00E+00	0.00E+00	0.00E+00	1.02E-01
VS218PY	3.88E-02	7.71E-04	3.15E-01	8.08E-04	2.79E-05	0.00E+00	1.40E-03	6.22E-05	5.88E-03	6.14E-02	1.93E-02	6.75E-01	3.27E-07	1.88E-07	2.57E-01	1.05E-04	2.63E-02	1.05E-01	7.51E-02	2.24E-04	1.74E-02	6.88E-01	1.19E-07	2.34E-07	1.95E-02	1.38E-03	5.71E-04	5.02E-04	2.39E-02	1.05E-03	2.39E-02	2.53E-02	1.19E-01	0.00E+00	0.00E+00	2.72E-02	3.24E-00
VS218TA	2.93E-02	6.80E-04	2.93E-01	7.57E-04	7.91E-04	0.00E+00	3.11E-02	1.26E-04	5.10E-03	4.52E-02	1.83E-02	6.78E-01	2.97E-04	1.62E-04	1.97E-01	2.87E-04	2.48E-02	9.85E-02	6.93E-02	3.20E-04	1.53E-02	6.94E-01	1.40E-07	2.24E-07	1.73E-02	1.36E-03	4.99E-04	5.35E-04	2.19E-02	4.69E-03	2.13E-02	2.30E-02	6.35E-01	0.00E+00	0.00E+00	4.61E-02	2.80E-00
VS218TD	2.60E-02	7.28E-04	-2.04E-01	7.48E-04	7.01E-04	0.00E+00	4.27E-01	1.50E-04	4.95E-03	5.31E-02	1.79E-02	2.87E-01	4.42E-07	1.03E-07	1.47E-01	2.89E-04	2.42E-02	1.11E-01	6.21E-02	3.05E-04	1.70E-02	6.34E-01	9.45E-08	1.78E-07	1.69E-02	1.78E-03	8.87E-04	5.25E-04	2.28E-02	6.65E-05	2.34E-02	2.48E-02	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.67E-00
VS218TES	2.95E-02	7.52E-04	2.31E-01	7.86E-04	7.33E-04	0.00E+00	5.82E-02	7.14E-05	5.40E-03	5.79E-02	1.85E-02	6.99E-01	3.65E-07	1.28E-07	1.65E-01	2.88E-04	2.51E-02	9.86E-02	6.81E-02	3.19E-04	1.67E-02	6.34E-01	1.43E-07	2.02E-07	1.90E-02	1.86E-03	8.01E-04	6.78E-04	2.28E-02	4.21E-03	2.32E-02	2.43E-02	1.35E-01	0.00E+00	0.00E+00	2.10E-02	2.81E-00
VS218TF	2.83E-02	7.12E-04	2.32E-01	7.33E-04	7.05E-04	0.00E+00	9.07E-01	1.22E-04	5.01E-03	5.33E-02	1.75E-02	6.82E-01	3.60E-07	1.21E-07	1.64E-01	2.70E-04	2.37E-02	9.65E-02	6.37E-02	3.16E-04	1.57E-02	5.73E-01	1.27E-07	2.02E-07	1.75E-02	1.83E-03	7.54E-04	5.30E-04	2.21E-02	2.77E-03	2.21E-02	2.28E-02	1.22E-01	0.00E+00	0.00E+00	1.31E-02	2.74E-00
VS218TJ	2.91E-02	7.26E-04	-2.79E-01	7.55E-04	7.37E-04	0.00E+00	2.56E-02	1.15E-04	5.03E-03	5.36E-02	1.79E-02	6.89E-01	3.56E-07	1.27E-07	1.72E-01	2.84E-04	2.42E-02	9.85E-02	6.40E-02	3.45E-04	1.62E-02	6.21E-01	1.39E-07	2.05E-07	1.73E-02	1.86E-03	7.97E-04	6.26E-04	2.24E-02	3.87E-03	2.25E-02	2.36E-02	1.38E-01	0.00E+00			

VS412PP	6.57E-02	1.14E+01	4.65E-01	1.18E+01	3.52E-05	0.00E+00	3.44E-03	7.66E-05	8.47E-03	9.07E-02	2.88E-02	3.54E+01	9.70E-08	4.04E-07	4.68E+01	1.33E+00	3.62E-02	1.47E-01	1.20E-01	3.80E+00	1.78E+00	8.87E+01	8.23E-07	8.26E-07	3.05E-02	2.13E-03	5.44E+00	8.45E+00	2.96E+02	1.86E-02	2.66E+02	2.90E+02	1.39E+01	0.00E+00	0.00E+00	4.81E-02	5.13E+00
VS412PR	4.27E-02	1.12E+01	-8.67E-02	1.17E+01	1.02E-03	0.00E+00	7.88E-02	8.07E-05	7.90E-03	8.51E-02	2.60E-02	1.93E+01	1.82E-07	1.43E-07	1.74E+01	3.82E+00	3.51E-02	1.13E-01	8.55E-02	4.38E+00	2.57E+01	8.13E+01	4.28E-07	5.05E-07	2.66E-02	2.49E-03	8.98E+00	2.23E+00	3.76E+02	1.69E-02	3.61E+02	3.85E+02	1.69E+01	0.00E+00	0.00E+00	2.90E-02	3.69E+00
VS412PS	5.09E-02	1.01E+01	4.87E-01	1.05E+01	2.12E-05	0.00E+00	1.94E+03	5.92E-05	7.48E-03	7.99E-02	2.52E-02	2.87E+01	4.56E-07	2.60E-07	2.68E+01	1.25E+00	3.41E-02	1.36E-01	1.02E-01	3.26E+00	1.49E+02	8.87E+01	7.75E-07	7.36E-07	2.67E-02	1.89E-03	4.62E+00	8.26E+00	2.36E+02	1.85E-02	2.36E+02	2.48E+02	1.29E+01	0.00E+00	0.00E+00	2.41E-02	4.37E+00
VS412PT	1.65E-01	1.34E+01	2.93E-01	1.37E+01	1.21E-04	0.00E+00	1.94E+02	1.50E-03	1.05E-02	1.15E-01	3.15E-02	1.11E+00	9.10E-08	1.79E-08	2.09E+02	5.09E+00	4.26E-02	3.60E-01	2.63E-01	8.26E+00	1.85E+02	9.41E+01	1.37E-08	1.58E-08	4.31E-02	2.98E-03	1.40E-01	8.50E+00	2.90E+02	1.48E-01	2.82E+02	3.02E+02	3.25E+01	0.00E+00	0.00E+00	0.00E+00	1.13E+01
VS412PY	5.27E-02	1.02E+01	-8.83E-02	1.08E+01	2.51E-05	0.00E+00	1.06E+03	9.57E-05	8.07E-03	8.41E-02	2.88E-02	1.87E+01	1.79E-07	1.97E-07	1.99E+01	1.41E+00	3.48E-02	1.36E-01	9.84E-02	3.40E+00	1.90E+02	8.16E+01	6.31E-07	6.97E-07	2.59E-02	2.02E-03	5.18E+00	2.22E+00	2.96E+02	1.50E-02	3.02E+02	3.21E+02	1.23E+01	0.00E+00	0.00E+00	5.03E-02	4.27E+00
VS412TA	4.09E-02	1.04E+01	3.34E-01	1.09E+01	1.01E-03	0.00E+00	7.03E+01	1.25E-04	7.87E-03	8.22E-02	2.49E-02	1.93E+01	2.22E-07	1.30E-07	1.64E+01	3.88E+00	3.37E-02	1.15E-01	8.42E-02	4.91E+00	2.10E+02	8.34E+01	5.99E-07	6.34E-07	2.58E-02	2.70E-03	8.89E+00	7.52E+00	3.11E+02	1.62E-02	3.11E+02	3.32E+02	1.67E+01	0.00E+00	0.00E+00	1.07E-02	3.83E+00
VS412TD	3.70E-02	9.71E+00	-3.95E-01	1.00E+01	9.64E-04	0.00E+00	8.12E+01	1.40E-04	8.72E-03	7.16E-02	2.38E-02	2.20E+01	3.32E-07	1.52E-07	1.52E+01	3.72E+00	3.22E-02	1.36E-01	8.30E-02	4.79E+00	1.30E+02	6.95E+01	7.57E-07	5.69E-07	2.39E-02	2.72E-03	7.91E+00	7.72E+00	2.20E+02	1.65E-02	2.29E+02	2.35E+02	1.55E+01	0.00E+00	0.00E+00	0.00E+00	3.52E+00
VS412TE	3.88E-02	1.00E+01	3.72E-01	1.00E+01	1.00E-03	0.00E+00	1.14E+03	1.06E-04	8.46E-03	8.72E-02	2.27E-02	1.63E+01	1.37E-07	1.07E-07	1.87E+00	3.96E+00	3.07E-02	1.88E-02	8.00E-02	5.40E+00	1.44E+02	6.72E+01	5.88E-07	5.28E-07	2.30E-02	2.81E-03	8.88E+00	9.98E+00	2.32E+02	2.28E-02	2.39E+02	3.06E+02	1.00E+00	0.00E+00	0.00E+00	5.70E-02	3.42E+00
VS412TF	4.15E-02	8.64E+00	4.78E-01	9.03E+00	1.05E-03	0.00E+00	8.18E+01	1.14E-04	6.50E-03	6.52E-02	2.24E-02	1.91E+01	2.41E-07	1.46E-07	2.01E+01	3.93E+00	3.03E-02	1.20E-01	7.90E-02	5.15E+00	1.52E+02	6.72E+01	5.88E-07	5.33E-07	2.31E-02	2.87E-03	8.73E+00	9.98E+00	2.34E+02	1.38E-02	2.31E+02	2.43E+02	1.54E+01	0.00E+00	0.00E+00	1.11E-02	3.40E+00
VS412TJ	4.13E-02	1.04E+01	-2.59E-01	1.09E+01	1.01E-03	0.00E+00	7.49E+01	1.19E-04	7.87E-03	8.22E-02	2.52E-02	1.80E+01	2.20E-07	1.27E-07	1.61E+01	3.82E+00	3.40E-02	1.10E-01	8.49E-02	4.89E+00	2.08E+02	8.19E+01	5.86E-07	5.53E-07	2.59E-02	2.62E-03	8.71E+00	8.36E+00	3.09E+02	1.43E-02	3.15E+02	3.32E+02	1.66E+01	0.00E+00	0.00E+00	9.93E-03	3.65E+00
VS412TM	5.22E-02	1.01E+01	4.75E-01	1.05E+01	1.02E-03	0.00E+00	1.05E+03	1.12E-04	7.99E-03	8.42E-02	2.51E-02	1.94E+01	2.50E-07	2.23E-07	2.28E+01	3.91E+00	3.39E-02	1.31E-01	8.52E-02	5.10E+00	2.18E+02	8.92E+01	6.11E-07	5.27E-07	2.58E-02	2.88E-03	8.73E+00	9.83E+00	3.14E+02	1.34E-02	3.15E+02	3.35E+02	1.80E+01	0.00E+00	0.00E+00	1.63E-02	3.69E+00
VS412TP	4.20E-02	1.12E+01	-3.95E-01	1.18E+01	1.01E-03	0.00E+00	8.98E+01	1.20E-04	8.06E-03	8.54E-02	2.65E-02	1.97E+01	2.20E-07	1.30E-07	1.66E+01	3.97E+00	3.59E-02	1.15E-01	8.47E-02	4.88E+00	2.18E+02	8.90E+01	6.02E-07	6.47E-07	2.61E-02	2.75E-03	8.73E+00	7.55E+00	3.17E+02	1.64E-02	3.18E+02	3.42E+02	1.75E+01	0.00E+00	0.00E+00	1.21E-02	3.65E+00
VS412TR	4.26E-02	1.12E+01	2.81E-01	1.17E+01	1.02E-03	0.00E+00	8.81E+02	7.81E-05	7.90E-03	8.49E-02	2.60E-02	2.08E+01	1.81E-07	1.43E-07	1.83E+01	3.84E+00	3.51E-02	1.06E-01	8.52E-02	4.60E+00	2.56E+02	8.48E+01	4.95E-07	5.04E-07	2.65E-02	2.63E-03	8.91E+00	8.36E+00	3.78E+02	1.46E-02	3.62E+02	3.94E+02	1.70E+01	0.00E+00	0.00E+00	1.11E-02	3.65E+00
VS418PA	4.79E-02	1.14E+01	5.04E-01	1.20E+01	3.99E-05	0.00E+00	1.14E+03	1.95E-04	8.29E-03	8.76E-02	3.09E-02	6.45E+00	1.85E+00	4.19E-02	1.92E+01	1.85E+00	4.59E-02	1.12E-01	8.36E+00	2.76E+02	1.10E+02	1.49E-07	3.42E-07	3.80E-02	3.76E-03	9.76E+00	1.18E+01	4.26E+02	1.37E-02	3.75E+02	4.07E+02	1.74E+01	0.00E+00	0.00E+00	1.20E-01	4.85E+00	
VS418PD	4.14E-02	1.00E+01	-5.12E-01	1.15E+01	3.87E-05	0.00E+00	4.45E+01	1.84E-04	7.90E-03	8.02E-02	3.22E+00	5.62E-07	2.30E-07	2.00E+01	2.01E+00	4.08E-02	2.01E-01	1.11E-03	3.66E+00	2.61E+02	1.13E+02	9.51E-08	2.70E-07	2.71E-02	2.24E-03	5.01E+00	4.45E+00	3.74E+02	9.47E-03	3.74E+02	3.88E+02	1.45E+01	0.00E+00	0.00E+00	0.00E+00	4.76E+00	
VS418PES	5.26E-02	1.22E+01	-5.57E-01	1.27E+01	4.74E-05	0.00E+00	1.62E+03	5.34E-05	8.82E-03	9.37E-02	3.22E-02	8.35E+00	6.87E-07	2.33E-07	2.82E+01	1.73E+00	4.36E-02	1.93E-01	1.22E-01	3.60E+00	2.97E+02	1.16E+02	1.50E-07	3.32E-07	3.05E-02	2.34E-03	6.09E+00	1.01E+01	4.13E+02	1.29E-04	4.13E+02	4.28E+02	1.62E+01	0.00E+00	0.00E+00	3.90E-02	5.22E+00
VS418PF	4.41E-02	1.13E+01	3.76E-01	1.17E+01	3.47E-05	0.00E+00	1.21E+03	1.54E-04	8.12E-03	8.54E-02	2.89E-02	6.60E+00	5.23E-07	1.67E-07	2.48E+01	1.76E+00	3.92E-02	1.87E-01	1.05E-01	3.45E+00	2.47E+02	1.04E+02	1.36E-07	3.16E-07	2.62E-02	2.25E-03	5.23E+00	7.31E+00	3.55E+02	1.33E-03	3.57E+02	3.76E+02	1.44E+01	0.00E+00	0.00E+00	1.20E-01	4.53E+00
VS418PJ	4.88E-02	1.12E+01	4.96E-01	1.16E+01	3.48E-05	0.00E+00	1.22E+03	1.52E-04	8.15E-03	8.57E-02	2.95E-02	6.54E+00	5.31E-07	1.75E-07	2.51E+01	1.78E+00	4.02E-02	1.97E-01	1.06E-01	3.53E+00	2.58E+02	1.08E+02	1.36E-07	3.38E-07	2.81E-02	2.26E-03	5.23E+00	8.94E+00	3.61E+02	8.26E-04	3.61E+02	3.78E+02	1.48E+01	0.00E+00	0.00E+00	1.21E-01	4.87E+00
VS418PM	6.18E-02	1.26E+01	-5.11E-01	1.33E+01	3.61E-05	0.00E+00	1.99E+03	1.30E-04	8.99E-03	9.70E-02	3.25E-02	7.85E+00	5.14E-07	3.22E-07	3.52E+01	1.79E+00	4.40E-02	2.00E-01	1.20E-01	3.60E+00	3.26E+02	1.11E+02	1.56E-07	3.60E-07	3.22E-02	2.25E-03	5.32E+00	9.52E+00	4.36E+02	5.36E-04	4.34E+02	4.55E+02	1.50E+01	0.00E+00	0.00E+00	1.22E-01	5.14E+00
VS418PP	7.93E-02	1.40E+01	-5.99E-01	1.46E+01	5.25E-05	0.00E+00	3.88E+03	8.19E-05	1.03E-01	1.10E-01	3.45E-02	1.94E+01	1.18E-07	4.39E-07	5.68E+01	1.77E+00	4.67E-02	2.12E-01	1.48E-01	4.01E+00	3.46E+02	1.17E+02	2.13E-07	4.58E-07	3.61E-02	2.41E-03	5.79E+00	1.05E+01	4.62E+02	2.49E-04	4.63E+02	4.79E+02	1.81E+01	0.00E+00	0.00E+00	7.89E-02	6.27E+00
VS418PR	5.57E-02	1.25E+01	-4.87E-01	1.24E+01	1.49E-03	0.00E+00	4.56E+02	8.03E-05	1.08E-02	1.15E-01	3.43E-02	6.90E+00	3.25E+01	6.03E+00	4.65E-02	1.85E-01	1.12E-01	8.36E+00	3.76E+02	1.21E+02	1.66E-07	3.42E-07	3.80E-02	3.76E-03	9.76E+00	1.18E+01	4.26E+02	1.37E-02	4.84E+02	5.37E+02	1.47E+01	0.00E+00	0.00E+00	1.37E-02	4.77E+00		
VS418PS	5.65E-02	1.26E+01	-5.61E-01	1.30E+01	2.98E-05	0.00E+00	2.17E+03	5.90E-05	9.11E-03	9.68E-02	3.26E-02	1.02E+01	6.61E-07	2.71E-07	3.23E+01	1.65E+00	4.41E-02	1.95E-01	1.25E-01	3.40E+00	3.11E+02	1.16E+02	1.61E-07	3.52E-07	3.15E-02	2.48E-03	4.86E+00	1.02E+01	4.16E+02	1.50E-04	4.28E+02	4.41E+02	1.51E+01	0.00E+00	0.00E+00	3.90E-02	5.38E+00
VS418PT	2.47E-01	1.88E+01	3.06E-01	1.92E+01	1.60E-04	0.00E+00	2.18E+02	2.35E-03	1.47E-02	1.62E-01	4.36E-02	1.41E+02	1.44E-05	2.76E-06	3.25E+02	7.53E+00	5.90E-02	5.44E-01	3.89E-01	8.02E+00	4.03E+02	1.22E+02	1.20E-06	1.68E-06	6.18E-02	3.71E-03	1.83E+01	1.08E+01	5.24E+02	1.91E-03	5.24E+02	5.53E+02	2.91E+01	0.00E+00	0.00E+00	0.00E+00	1.67E+01
VS418PY	6.08E-02	1.34E+01	5.08E-01	1.39E+01	4.04E-05	0.00E+00	1.89E+03	1.32E-04	9.79E-03	1.02E-01	3.25E-02	7.44E+00	5.23E-07	3.26E-07	3.52E+01	1.82E+00	4.40E-02	1.97E-01	1.19E-01	3.60E+00	3.30E+02	1.12E+02	1.61E-07	3.52E-07	3.31E-02	2.31E-03	5.23E+00	8.43E+00	4.36E+02	7.33E-04	4.36E+02	4.57E+02	1.49E+01	0.00E+00	0.00E+00	1.22E-01	5.12E+00
VS418TA	5.10E-02	1.24E+01	-3.90E-01	1.28E+01	1.35E-03	0.00E+00	5.09E+02	1.78E-04	8.51E-03	9.17E-02	3.14E-02	4.11E+00	5.30E-07	1.81E-07	2.33E+01	4.88E+00	4.24E-02	1.87E-01	1.03E-01	4.19E+00	2.86E+02	1.08E+02	1.74E-07	3.24E-07	3.01E-02	3.44E-03	9.89E+00	3.36E+00	3.82E+02	3.94E-05	3.87E+02	4.07E+02	2.18E+01	0.00E+00	0.00E+00	1.63E-02	4.41E+00

VU36NCT	4.74E-02	1.80E+01	2.98E-01	1.63E+01	9.78E-06	0.00E+00	1.76E+02	1.36E-05	8.39E-03	9.07E-02	2.79E-02	2.03E-01	4.30E-08	9.17E-08	5.33E+00	3.51E-02	3.78E-02	1.17E-01	9.10E-02	4.17E-01	7.28E+02	4.68E+01	3.98E-08	2.38E-07	3.18E-02	1.17E-04	1.06E+00	5.05E+00	7.74E+02	2.61E-08	7.74E+02	7.90E+02	6.11E+00	0.00E+00	0.00E+00	0.00E+00	3.91E+00
VU36ND	7.89E-02	2.15E+01	-3.21E-01	2.19E+01	3.80E-05	0.00E+00	2.21E+03	2.58E-04	1.22E-02	1.32E-01	3.80E-02	1.06E+01	4.82E-07	3.39E-07	5.45E+01	6.39E-01	5.14E-02	7.32E-01	1.47E-01	2.58E+00	9.23E+02	6.98E+01	2.40E-07	4.48E-07	4.63E-02	7.00E-04	6.44E+00	6.29E+00	9.88E+02	2.20E-04	8.88E+02	1.00E+03	1.27E+01	0.00E+00	0.00E+00	2.88E-02	6.30E+00
VU36NE	7.00E-02	2.10E+01	3.08E-01	2.13E+01	1.07E-04	0.00E+00	1.86E+02	2.24E-04	1.14E-02	1.24E-01	3.71E-02	4.39E+00	6.67E-07	2.11E-07	4.20E+01	7.61E-01	6.03E-02	7.41E-01	1.33E-01	1.25E+00	9.33E+02	6.63E+01	1.26E-07	3.66E-07	4.33E-02	4.88E-04	2.99E+00	6.13E+00	9.90E+02	8.54E-05	9.99E+02	1.01E+03	9.12E+00	0.00E+00	0.00E+00	7.70E-03	5.70E+00
VU36NG	7.53E-02	2.28E+01	6.31E-01	2.27E+01	4.55E-04	0.00E+00	2.55E+03	1.02E-04	3.30E-02	1.42E-01	3.88E-02	1.04E+01	1.14E-07	3.22E-07	5.92E+01	9.25E-01	5.00E-02	7.72E-01	1.47E-01	1.95E+00	1.04E+03	7.50E+01	2.28E-07	3.81E-07	4.92E-02	7.01E-04	5.98E+00	1.01E+01	1.10E+03	2.07E-01	1.09E+03	1.10E+03	1.41E+01	0.00E+00	0.00E+00	2.89E-02	6.36E+00
VU36NH	7.79E-02	2.25E+01	-3.98E-01	2.25E+01	3.21E-05	0.00E+00	2.48E+03	1.19E-04	1.22E-02	1.35E-01	3.76E-02	1.41E+01	7.42E-08	3.66E-07	6.05E+01	3.10E-01	5.10E-02	8.70E-01	1.49E-01	1.30E+00	1.18E+03	7.30E+01	2.09E-07	3.95E-07	4.78E-02	4.88E-04	2.30E+00	7.04E+00	1.16E+03	2.10E-04	1.17E+03	1.19E+03	1.07E+01	0.00E+00	0.00E+00	1.53E-02	6.42E+00
VU36NKM	2.42E-02	4.61E+00	2.85E-01	5.10E+00	2.44E-04	0.00E+00	1.38E+03	5.64E-05	3.72E-03	3.86E-02	1.31E-02	6.13E+00	4.88E-07	1.02E-07	5.57E+00	9.13E-01	1.76E-02	1.11E-01	4.39E-02	1.40E+00	1.16E+03	4.64E+01	1.74E-06	1.90E-07	1.25E-02	6.10E-04	3.32E+00	5.76E+00	1.43E+02	3.33E-03	1.28E+02	1.40E+02	8.01E+00	0.00E+00	0.00E+00	5.34E-02	1.88E+00
VU36NMB	7.04E-02	1.99E+01	5.91E-01	2.02E+01	1.37E-04	0.00E+00	4.59E+02	1.27E-04	1.25E-02	1.34E-01	3.07E-02	4.93E+00	9.92E-08	2.46E-07	2.57E+01	8.43E-01	4.99E-02	8.11E-01	1.41E-01	2.37E+00	1.02E+03	7.94E+01	1.87E-07	4.32E-07	4.59E-02	6.92E-04	4.33E+00	8.14E+00	1.09E+03	5.20E-03	1.09E+03	1.09E+03	1.90E+01	0.00E+00	0.00E+00	2.69E-02	6.02E+00
VU36NN	7.59E-02	2.47E+01	2.37E-01	2.14E+01	2.36E-05	0.00E+00	2.26E+03	1.57E-04	1.21E-02	1.28E-01	3.66E-02	1.28E+01	2.86E-07	3.59E-07	6.49E+01	6.33E-01	6.39E-02	7.48E-01	1.11E-01	1.32E+00	9.45E+02	6.94E+01	1.87E-07	3.90E-07	4.47E-02	9.15E-04	3.33E+00	5.67E+00	1.01E+03	1.02E-02	1.02E+03	1.03E+03	1.90E+01	0.00E+00	0.00E+00	5.01E-02	6.06E+00
VU36NP	7.97E-02	2.37E+01	-6.42E-01	2.38E+01	3.21E-05	0.00E+00	2.68E+03	1.16E-04	1.40E-02	1.69E-01	3.90E-02	1.10E+01	1.24E-07	3.36E-07	6.84E+01	9.69E-01	5.28E-02	7.48E-01	1.44E-01	1.54E+00	1.04E+03	8.99E+01	2.09E-07	4.17E-07	5.20E-02	5.88E-04	1.91E+00	1.47E+01	1.10E+03	1.67E-03	1.09E+03	1.10E+03	1.53E+01	0.00E+00	0.00E+00	2.90E-02	6.16E+00
VU36NR	7.39E-02	2.14E+01	-3.36E-01	2.17E+01	3.47E-05	0.00E+00	1.64E+03	6.04E-05	1.19E-02	1.30E-01	3.64E-02	6.99E+00	6.90E-08	2.41E-07	4.55E+01	4.24E-01	4.92E-02	8.26E-01	1.33E-01	1.08E+00	1.02E+03	6.64E+01	1.49E-07	3.83E-07	4.50E-02	4.03E-04	2.67E+00	6.50E+00	1.08E+03	1.29E-03	1.09E+03	1.10E+03	9.51E+00	0.00E+00	0.00E+00	3.32E-02	5.87E+00
VU36NRM	5.77E-02	1.73E+01	-5.17E-01	1.81E+01	1.55E-05	0.00E+00	7.29E+02	1.20E-04	1.04E-02	1.14E-01	2.83E-02	6.19E+00	1.52E-07	1.47E-07	1.22E+01	5.56E-01	3.84E-02	1.17E+00	1.49E-01	1.24E+00	1.22E+03	7.11E+01	2.07E-07	3.86E-07	3.90E-02	4.44E-04	2.32E+00	8.66E+00	1.27E+03	2.96E-03	1.28E+03	1.28E+03	1.14E+01	0.00E+00	0.00E+00	8.22E-02	6.44E+00
VU36NSG	7.49E-02	2.16E+01	-5.11E-01	2.18E+01	2.43E-05	0.00E+00	4.78E+02	2.37E-04	1.28E-02	1.44E-01	3.90E-02	6.97E+00	9.30E-07	2.88E-07	4.74E+01	6.20E-01	5.27E-02	8.11E-01	1.40E-01	1.29E+00	1.04E+03	7.98E+01	1.07E-07	3.92E-07	4.89E-02	5.78E-04	1.79E+00	9.20E+00	1.08E+03	1.22E-03	1.08E+03	1.08E+03	1.36E+01	0.00E+00	0.00E+00	2.04E-02	5.93E+00
VU36NW	8.67E-02	2.21E+01	1.71E-01	2.23E+01	5.57E-04	0.00E+00	2.16E+03	1.02E-04	1.30E-02	1.36E-01	3.02E-02	6.42E+00	6.76E-07	2.93E-07	2.53E+01	2.30E+00	4.88E-02	1.17E+00	1.72E-01	2.65E+00	1.21E+03	6.82E+01	2.08E-06	4.83E-07	4.69E-02	1.02E-03	9.34E+00	5.31E+00	1.28E+03	5.69E-03	1.27E+03	1.25E+03	1.62E+01	0.00E+00	0.00E+00	5.77E-02	7.64E+00
VU36UA	7.83E-02	2.32E+01	-4.40E-01	2.32E+01	3.74E-05	0.00E+00	2.27E+03	1.07E-04	1.30E-02	1.38E-01	3.97E-02	6.05E+00	7.70E-08	3.62E-07	6.15E+01	5.92E-01	6.39E-02	8.86E-01	1.72E-01	1.19E+00	1.08E+03	7.43E+01	1.84E-06	4.32E-07	4.59E-02	5.74E-04	2.94E+00	6.79E+00	1.13E+03	3.02E-03	1.15E+03	1.15E+03	9.11E+00	0.00E+00	0.00E+00	3.47E-02	7.54E+00
VU36WWH	8.16E-02	1.97E+01	-1.07E-01	1.83E+01	1.19E-03	0.00E+00	2.07E+03	2.07E-04	1.06E-02	1.16E-01	3.16E-02	6.39E+00	6.79E-07	2.64E-07	2.83E+01	4.07E+00	4.27E-02	1.40E+00	1.82E-01	3.84E+00	1.28E+03	6.65E+01	2.14E-06	4.87E-07	3.97E-02	1.49E-03	1.34E+00	4.29E+00	1.40E+03	5.75E-03	1.36E+03	1.31E+03	2.05E+01	0.00E+00	0.00E+00	5.78E-02	7.81E+00
VU48AT	9.90E-02	2.63E+01	-3.88E-01	2.66E+01	3.01E-05	0.00E+00	2.32E+03	1.09E-04	1.45E-02	1.57E-01	4.47E-02	1.41E+01	7.43E-08	4.10E-07	6.33E+01	2.98E-01	6.05E-02	9.78E-01	1.73E-01	1.30E+00	1.18E+03	7.79E+01	1.91E-07	5.21E-07	5.54E-02	4.73E-04	2.84E+00	7.28E+00	1.28E+03	1.65E-04	1.28E+03	1.27E+03	1.01E+01	0.00E+00	0.00E+00	1.54E-02	7.43E+00
VU48EP	8.76E-02	2.51E+01	3.95E-01	2.55E+01	1.89E-05	0.00E+00	1.71E+03	6.20E-05	1.35E-02	1.49E-01	4.32E-02	6.36E+00	6.92E-08	2.94E-07	5.06E+01	1.46E-01	6.84E-02	9.25E-01	1.56E-01	1.20E+00	1.12E+03	7.89E+01	1.51E-07	4.59E-07	5.22E-02	4.30E-04	2.63E+00	7.13E+00	1.20E+03	9.22E-05	1.20E+03	1.21E+03	9.76E+00	0.00E+00	0.00E+00	1.54E-02	6.71E+00
VU48ET	8.74E-02	2.73E+01	-4.63E-01	2.72E+01	4.95E-04	0.00E+00	2.51E+03	1.20E-04	1.43E-02	1.53E-01	3.96E-02	9.79E+00	2.49E-07	3.37E-07	5.22E+01	1.11E+00	6.35E-02	1.10E+00	2.29E-01	1.80E+00	1.24E+03	7.97E+01	2.13E-07	4.87E-07	5.55E-02	9.32E-04	6.30E+00	7.74E+00	1.28E+03	1.98E-04	1.30E+03	1.30E+03	1.21E+01	0.00E+00	0.00E+00	1.57E-02	9.66E+00
VU48IE	9.73E-02	2.82E+01	-6.13E-01	2.86E+01	1.32E-04	0.00E+00	6.69E+02	2.76E-04	1.65E-02	1.92E-01	4.81E-02	6.08E+00	5.41E-07	3.33E-07	6.28E+01	1.70E+00	6.55E-02	9.94E-01	1.99E-01	1.78E+00	1.15E+03	1.06E+02	2.42E-07	5.24E-07	6.02E-02	7.30E-04	1.90E+00	1.26E+01	1.22E+03	1.54E-04	1.20E+03	1.21E+03	1.63E+01	0.00E+00	0.00E+00	1.80E-02	8.55E+00
VU48LN	9.62E-02	2.57E+01	6.32E-01	2.68E+01	3.42E-05	0.00E+00	1.98E+03	1.55E-04	1.50E-02	1.67E-01	4.76E-02	1.19E+01	1.38E-07	3.74E-07	5.61E+01	3.99E-01	6.45E-02	9.62E-01	1.62E-01	1.83E+00	1.17E+03	7.99E+01	2.52E-07	5.09E-07	5.69E-02	7.32E-04	1.46E+00	1.44E+01	1.25E+03	1.39E-04	1.25E+03	1.26E+03	1.88E+01	0.00E+00	0.00E+00	2.31E-02	6.96E+00
VU48MMV	9.67E-02	3.02E+01	-1.41E-01	3.02E+01	3.81E-05	0.00E+00	1.85E+03	2.39E-04	1.75E-02	1.92E-01	3.96E-02	6.05E+00	5.44E-08	3.32E-07	2.68E+01	1.80E+00	6.37E-02	1.06E+00	2.57E-01	2.97E+00	1.59E+03	7.47E+01	1.88E-06	5.85E-07	6.36E-02	1.04E-03	8.81E+00	6.65E+00	1.22E+03	1.41E-03	1.64E+03	1.65E+03	1.66E+01	0.00E+00	0.00E+00	6.38E-03	1.12E+01
VU48NA	8.35E-02	2.50E+01	-4.00E-01	2.54E+01	3.01E-05	0.00E+00	1.13E+03	6.50E-05	1.36E-02	1.47E-01	4.32E-02	6.80E+00	6.44E-08	2.44E-07	4.46E+01	2.02E+00	5.84E-02	9.41E-01	1.54E-01	1.04E+00	1.19E+03	7.66E+01	1.29E-06	4.29E-07	5.16E-02	3.74E-04	2.37E+00	1.73E+00	1.22E+03	6.62E-05	1.22E+03	1.23E+03	9.50E+00	0.00E+00	0.00E+00	1.54E-02	6.60E+00
VU48NC	1.02E-01	2.67E+01	3.87E-01	2.70E+01	3.01E-05	0.00E+00	3.07E+03	1.12E-04	1.48E-02	1.60E-01	4.51E-02	1.49E+01	7.94E-08	4.31E-07	6.53E+01	2.85E-01	6.10E-02	9.78E-01	1.76E-01	1.42E+00	1.19E+03	7.88E+01	2.01E-07	5.37E-07	5.64E-02	5.12E-04	2.93E+00	7.32E+00	1.27E+03	1.75E-04	1.27E+03	1.28E+03	1.02E+01	0.00E+00	0.00E+00	1.54E-02	7.56E+00
VU48NCT	7.02E-02	1.84E+01	8.98E-02	1.88E+01	1.23E-05	0.00E+00	4.71E+02	1.16E-04	1.09E-02	1.20E-01	3.22E-02	6.18E+00	3.57E-08	2.37E-07	1.88E+01	2.82E-01	4.34E-02	1.39E+00	1.69E-01	1.13E+00	1.19E+03	6.74E+01	1.22E-07	4.43E-07	4.12E-02	4.16E-04	2.94E+00	4.61E+00	1.25E+03	1.87E-04	1.25E+03	1.26E+03	1.07E+01	0.00E+00	0.00E+00	4.34E-03	7.32E+00
VU48ND	9.45E-02	2.61E+01	-3.66E-01	2.65E+01	4.24E-05	0.00E+00	2.72E+03	2.59E-04	1.47E-02	1.60E-01	4.47E-02	1.18E+01	4.94E-07	3.90E-07	5.73E+01	6.29E-01	6.06E-02	9.66E-01	1.76E-01	2.89E+00	1.14E+03	7.70E+01	2.73E-07	5.30E-07	5.61E-02	8.25E-04	6.77E+00	7.29E+00	1.22E+03	2.32E-04	1.22E+03	1.23E+03	1.41E+01	0.00E+00	0.00E+0		

VZ02NCH	2.20E-02	3.64E+00	-3.38E-01	3.94E+00	2.18E-04	0.00E+00	1.10E+03	3.97E-05	2.77E-03	2.88E-02	1.94E-02	5.10E+00	1.38E-07	9.41E-08	1.02E+01	8.97E-01	1.41E-02	4.81E-02	3.50E-02	1.23E+00	7.48E-01	2.78E+01	2.70E-07	1.81E-07	8.97E-03	4.08E-04	2.87E+00	4.86E+00	1.07E+02	4.41E-05	1.04E+02	1.12E+02	6.65E+00	0.00E+00	0.00E+00	1.58E+02	1.52E+00	
VZ02NWH	2.18E-02	4.09E+00	-3.22E-01	4.31E+00	2.21E-04	0.00E+00	8.62E+02	4.79E-05	2.93E-03	3.17E-02	9.40E-03	4.88E+00	1.39E-07	1.05E-07	2.65E+01	9.02E-01	1.27E-02	6.31E-02	3.28E-02	1.25E+00	9.25E-01	2.84E+01	2.71E-07	1.79E-07	1.02E-02	4.02E-04	2.34E+00	4.64E+00	1.30E+02	6.08E-05	1.30E+02	1.35E+02	6.67E+00	0.00E+00	0.00E+00	5.98E-03	1.42E+00	
VZ041VB	1.73E-02	3.96E+00	4.32E-02	3.66E+00	6.29E-06	0.00E+00	4.60E+01	2.20E-05	2.58E-03	2.98E-02	1.03E-02	3.88E-01	2.66E-08	3.82E-08	2.99E+00	2.16E-01	1.39E-02	3.42E-02	2.53E-02	1.28E+00	5.73E+01	2.37E+01	1.19E-07	1.46E-07	9.20E-03	3.58E-04	2.14E+00	1.70E+00	8.22E+01	1.46E-05	8.49E+01	9.49E+01	5.61E+00	0.00E+00	0.00E+00	1.21E+02	1.00E+00	
VZ093	1.24E-03	3.18E-01	8.25E-03	3.29E-01	1.37E-04	0.00E+00	3.73E+00	4.21E-04	2.16E-04	2.34E-03	8.72E-04	8.85E-03	6.79E-08	3.07E-08	1.79E+00	4.33E-01	1.20E-03	1.21E-03	1.70E-03	1.82E-01	5.38E+00	2.75E+00	7.21E-09	8.57E-09	7.04E-04	8.31E-05	1.39E+00	2.34E-01	9.94E+00	1.38E-04	9.27E+00	9.67E+00	7.91E-01	0.00E+00	0.00E+00	3.61E-03	7.30E-02	
VZ094	1.30E-03	3.66E-01	-1.15E-02	3.76E-01	3.35E-04	0.00E+00	1.32E+01	2.10E-05	2.50E-04	2.79E-03	1.38E-03	4.82E-02	7.31E-08	3.40E-09	1.95E+00	1.13E+00	1.92E-03	2.25E-03	1.83E-02	2.46E-01	7.22E+00	6.23E+00	4.99E-07	6.00E-08	8.36E-04	3.95E-04	1.78E+00	1.12E+00	9.96E+00	2.10E-06	1.07E+01	1.11E+01	1.56E-01	0.00E+00	0.00E+00	3.61E-03	8.03E-01	
VZ095	3.01E-03	9.09E-01	2.37E-02	9.83E-01	3.62E-04	0.00E+00	1.75E+01	2.14E-05	6.44E-04	6.77E-03	2.11E+03	5.01E-02	3.62E-08	8.15E-09	2.02E+00	1.33E+00	2.87E-03	4.09E-03	2.03E-02	3.24E-01	1.26E+01	8.73E+00	5.03E-07	7.50E-08	2.04E-03	3.83E-04	1.87E+00	1.45E+00	2.08E+01	2.36E-06	2.25E+01	2.15E+01	1.06E+00	0.00E+00	0.00E+00	3.61E-03	8.80E-01	
VZ096	2.98E-03	9.09E-01	2.35E-02	9.84E-01	4.10E-04	0.00E+00	1.75E+01	2.02E-05	6.39E-04	6.73E-03	2.11E+03	5.07E-02	2.92E-08	6.11E-09	1.99E+00	1.30E+00	2.87E-03	4.06E-03	2.02E-02	3.22E-01	1.26E+01	8.76E+00	5.03E-07	7.49E-08	2.04E-03	3.83E-04	1.87E+00	1.35E+00	2.07E+01	2.32E-06	2.24E+01	2.15E+01	1.06E+00	0.00E+00	0.00E+00	3.61E-03	8.79E-01	
VZ097	5.57E-03	1.67E+00	-4.12E-02	1.36E+00	7.88E-04	0.00E+00	1.95E+01	3.61E-05	8.92E-03	6.66E-02	1.94E-02	3.74E-03	6.48E-08	3.11E-09	2.37E+00	5.16E+00	2.37E-02	5.64E-03	6.24E-02	6.18E+00	1.17E+01	5.26E-07	8.09E-08	4.43E-03	1.01E-03	3.03E+00	2.44E+00	4.37E+00	3.30E-04	5.14E+01	7.04E-01	6.86E+00	0.00E+00	0.00E+00	3.61E-03	1.11E+00		
VZ098	5.44E-03	1.67E+00	-4.21E-02	1.19E+00	6.69E-04	0.00E+00	1.93E+01	2.20E-05	8.07E-04	8.17E-03	3.13E-03	4.54E-02	3.37E-08	1.05E-09	2.16E+00	1.81E+00	4.25E-03	5.64E-03	2.45E-02	8.99E-01	1.73E+01	1.16E+01	5.13E-07	7.92E-08	2.64E-03	6.47E-04	2.42E+00	2.15E+00	2.70E+01	2.89E-06	2.86E+01	3.08E+01	4.95E+00	0.00E+00	0.00E+00	3.61E-03	1.06E+00	
VZ099	6.69E-03	2.50E+00	-6.25E-02	2.51E+00	1.27E-03	0.00E+00	2.42E+01	2.54E-05	2.00E-03	1.99E-02	7.34E-03	6.23E-02	3.90E-08	1.71E-08	2.35E+00	3.33E+00	9.93E-03	1.68E-02	2.79E-02	3.33E+00	5.02E+01	2.09E+01	6.42E-07	1.10E-07	6.29E-03	1.65E-03	4.40E+00	2.45E+00	6.78E+01	3.75E-06	6.92E+01	7.58E+01	6.15E+00	0.00E+00	0.00E+00	3.61E-03	1.19E+00	
VZ100	8.98E-03	2.26E+00	-9.34E-02	2.37E+00	1.03E-03	0.00E+00	1.33E+02	1.20E-05	1.65E-03	1.83E-02	6.50E-03	2.77E-01	2.51E-08	2.28E-08	3.12E+00	3.24E+00	8.78E-03	3.80E-02	1.79E-02	2.22E+00	3.91E+01	1.64E+01	6.70E-08	8.32E-08	8.79E-03	1.21E-03	3.55E+00	2.20E+00	5.88E+01	7.15E-06	5.56E+01	6.14E+01	5.54E+00	0.00E+00	0.00E+00	1.81E+02	7.79E-01	
VZ101E	1.76E-02	4.80E+00	-6.53E-02	5.21E+00	1.08E-05	0.00E+00	8.07E+01	1.53E-05	3.42E-03	3.59E-02	1.12E-02	2.39E-01	3.12E-08	3.05E-08	2.90E+00	2.00E-01	1.53E-02	6.07E-01	3.31E-02	7.72E-01	3.30E+00	2.98E+01	4.32E-08	1.26E-07	1.18E-02	2.95E-04	1.17E+00	2.10E+00	4.03E+00	5.38E-05	3.78E+00	3.83E+02	5.58E+00	0.00E+00	0.00E+00	3.81E-03	1.42E+00	
VZ101N	2.37E-02	5.91E+00	-6.85E-02	6.21E+00	1.17E-05	0.00E+00	2.14E+02	3.90E-05	3.84E-03	4.20E-02	1.13E-02	3.02E-01	3.12E-08	8.94E-08	2.18E+01	2.08E-01	1.53E-02	5.93E-01	3.49E-02	8.57E-01	3.88E+00	3.10E+01	5.65E-08	1.48E-07	1.40E-02	3.05E-04	1.50E+00	2.19E+00	4.03E+00	7.60E-05	4.39E+00	4.39E+02	5.69E+00	0.00E+00	0.00E+00	3.25E-04	1.50E+00	
VZ101WN	1.83E-02	6.05E+00	-2.46E-01	6.17E+00	5.44E-04	0.00E+00	3.46E+02	3.01E-05	3.92E-03	4.19E-02	1.19E-02	4.20E-01	4.32E-08	6.11E-08	3.12E+00	2.87E-01	1.53E-02	4.04E-02	6.76E-01	1.07E+00	3.94E+01	6.04E-08	1.71E-07	3.35E-02	2.33E-04	1.39E+00	1.50E+00	4.42E+00	1.13E-03	8.72E-04	1.02E+00	1.07E+00	8.01E+00	0.00E+00	0.00E+00	1.97E+02	1.75E+00	
VZ102N	4.41E-02	1.09E+01	-2.99E-01	1.30E+01	9.78E-06	0.00E+00	1.85E+02	1.23E-05	7.49E-03	8.05E-02	1.54E-02	1.42E-02	5.68E-08	5.15E-09	1.51E+01	3.22E-02	2.08E-02	9.61E-01	1.12E-04	3.64E-02	1.49E-02	3.86E-08	2.31E-07	2.89E-02	1.34E-04	1.90E-01	1.10E+00	8.68E+00	1.42E-04	8.68E+00	8.74E+00	6.29E+00	0.00E+00	0.00E+00	4.82E+00	4.98E+00		
VZ102V	4.03E-02	1.13E+01	-1.81E-01	1.16E+01	1.07E-05	0.00E+00	2.06E+02	5.08E-05	6.50E-03	7.11E-02	1.60E-02	3.04E-01	3.23E-08	8.59E-08	3.03E+01	2.27E-01	2.17E-02	5.70E-01	4.73E-02	8.20E-01	7.98E+00	1.04E+01	5.96E-08	1.79E-07	2.54E-02	2.30E-04	1.81E+00	3.29E+00	7.31E+00	1.31E-04	7.48E+00	7.94E+00	6.38E+00	0.00E+00	0.00E+00	7.01E-04	2.02E+00	
VZ102WN	2.73E-02	8.78E+00	-3.37E-01	9.15E+00	6.44E-06	0.00E+00	8.95E+02	3.02E-05	6.29E-03	5.69E-02	1.57E-02	4.31E-01	6.07E-08	7.55E-08	5.65E+00	2.56E-01	2.13E-02	1.17E+00	4.53E-02	1.07E+00	1.10E+00	1.75E+01	7.61E-08	2.24E-07	1.84E-02	2.81E-04	2.19E+00	5.97E+00	1.18E+00	9.55E-05	1.14E+00	1.12E+00	7.69E+00	0.00E+00	0.00E+00	2.00E+02	1.97E+00	
VZ103N	4.29E-02	1.26E+01	-3.47E-01	1.26E+01	1.19E-05	0.00E+00	2.52E+02	5.55E-05	4.84E-03	7.27E-02	1.90E-02	3.25E-01	5.92E-08	9.84E-08	3.14E+01	2.44E-01	2.58E-02	1.18E+00	1.15E-01	1.07E+00	1.11E+00	1.85E+01	6.52E-08	2.23E-07	2.60E-02	2.19E-04	1.78E+00	8.02E+00	1.17E+00	1.43E-04	1.15E+00	1.14E+00	8.13E+00	0.00E+00	0.00E+00	8.25E-04	4.91E+00	
VZ103V	4.20E-02	1.26E+01	-3.72E-01	1.26E+01	1.08E-05	0.00E+00	2.23E+02	5.34E-05	6.35E-03	7.21E-02	1.90E-02	3.23E-01	2.47E-08	9.33E-08	3.06E+01	2.27E-01	2.57E-02	1.13E+00	1.15E-01	1.07E+00	1.02E+00	1.80E+01	6.94E-08	2.28E-07	2.59E-02	2.98E-04	2.48E+00	2.44E+00	1.10E+00	1.42E-04	1.08E+00	1.07E+00	3.18E+00	0.00E+00	0.00E+00	8.01E-04	4.95E+00	
VZ103W	4.14E-02	1.07E+01	-7.29E-01	1.08E+01	4.47E-04	0.00E+00	2.84E+02	5.48E-05	5.78E-03	6.54E-02	1.85E-02	6.21E-01	2.89E-08	9.03E-08	3.15E+01	1.07E+00	2.23E-02	1.18E+00	8.86E-02	1.38E+00	1.07E+00	1.47E+01	8.13E-08	1.98E-07	2.29E-02	5.88E-04	4.52E+00	2.45E+00	1.10E+00	1.94E-04	1.08E+00	1.07E+00	6.98E+00	0.00E+00	0.00E+00	8.27E-04	3.89E+00	
VZ103WN	3.33E-02	1.80E+01	-4.46E-01	1.71E+00	6.69E-06	0.00E+00	4.45E+02	3.61E-05	5.92E-03	6.66E-02	1.94E-02	3.62E-01	2.96E-08	1.26E-07	1.02E+00	2.53E-01	2.84E-02	1.44E+00	1.19E-01	1.55E+00	1.38E+00	2.17E+01	8.66E-08	3.43E-07	3.35E-02	2.98E-04	3.94E+00	1.47E+00	1.28E+00	1.12E-04	1.25E+00	1.24E+00	8.03E+00	0.00E+00	0.00E+00	2.02E+02	5.00E+00	
VZ103WV	3.19E-02	1.92E+00	-6.28E-01	1.01E+01	7.17E-06	0.00E+00	4.18E+02	3.84E-05	5.67E-03	6.38E-02	1.94E-02	3.67E-01	2.96E-08	1.22E-07	8.93E+00	2.63E-01	2.49E-02	1.36E+00	1.15E-01	1.44E+00	1.38E+00	2.16E+01	8.62E-08	3.50E-07	2.20E-02	3.68E-04	3.44E+00	2.75E+00	1.18E+00	1.11E-04	1.15E+00	1.13E+00	7.63E+00	0.00E+00	0.00E+00	1.88E+02	4.98E+00	
VZ104V	4.45E-02	1.78E+01	-7.38E-02	1.78E+01	1.09E-05	0.00E+00	2.24E+02	7.87E-05	7.41E-03	8.49E-02	2.27E-02	4.61E-01	3.32E-08	1.34E-07	3.16E+01	2.03E-01	3.08E-02	1.30E+00	1.34E-01	1.21E+00	1.09E+00	1.89E+01	7.47E-08	2.81E-07	3.43E-02	3.21E-04	2.55E+00	2.55E+00	1.15E+00	1.58E-04	1.13E+00	1.12E+00	7.93E+00	0.00E+00	0.00E+00	1.09E-03	5.70E+00	
VZ104WN	4.20E-02	1.24E+01	-1.39E-01	1.24E+01	4.61E-04	0.00E+00	2.87E+02	5.43E-05	6.01E-03	7.08E-02	1.83E-02	6.57E-01	5.43E-08	1.12E-07	3.20E+01	1.14E+00	2.48E-02	1.31E+00	1.24E-01	1.69E+00	1.07E+00	1.80E+01	8.80E-08	2.31E-07	2.54E-02	7.21E-04	6.51E+00	3.58E+00	1.14E+00	1.93E-04	1.11E+00	1.11E+00	1.11E+00	7.45E+00	0.00E+00	0.00E+00	1.07E-03	5.29E+00
VZ104WV	4.15E-02	1.42E+01	-3.16E-01	1.49E+01	3.61E-06	0.00E+00	1.65E+02	7.21E-05	7.73E-03	8.75E-02	2.23E-02	3.03E-01	6.38E-08	1.34E-07	6.10E+00	2.49E-01	3.14E-02	1.44E+00	1.28E-01	1.79E+00	1.23E+00	4.29E+01	8.20E-08	3.91E-07	3.03E-02	2.82E-04	3.24E+00	6.86E+00	1.27E+00	1.04E-04	1.25E+00	1.24E+00	9.11E+00	0.00E+00	0.00E+00</			

VZ24AU	4.54E-02	1.28E+01	-8.17E-02	1.32E+01	2.76E-05	0.00E+00	1.10E+03	6.96E-05	7.06E-03	7.99E-02	2.17E-02	3.99E+00	3.96E-08	1.35E-07	2.70E+01	2.04E-01	2.34E-02	3.48E-01	9.19E-02	1.08E+00	7.25E+00	1.72E+01	1.11E-07	2.45E-07	2.72E-02	3.78E-04	2.87E+00	2.84E+00	6.98E-02	1.48E-04	7.05E-02	7.03E-02	7.84E+00	0.00E+00	0.00E+00	1.39E-02	3.95E+00
VZ24CHU	4.21E-02	1.04E+01	-4.55E-01	1.06E+01	2.58E-05	0.00E+00	1.00E+03	2.31E-05	6.51E-03	6.99E-02	2.26E-02	3.65E+00	6.43E-08	1.41E-07	2.78E+01	8.99E-02	3.06E-02	5.42E-02	9.95E-02	6.60E-01	6.54E+00	3.04E+00	7.41E-08	2.21E-07	2.45E-02	2.45E-04	1.31E+00	8.94E+00	6.57E+00	1.55E-04	6.57E+00	6.65E+00	8.05E+00	0.00E+00	0.00E+00	7.70E-03	4.27E+00
VZ24NAV	1.05E-02	3.35E+00	6.82E-02	3.44E+00	2.21E-05	0.00E+00	1.58E+03	4.02E-05	2.48E-03	2.63E-02	7.83E-03	2.95E+00	3.63E-08	5.92E-08	3.41E+01	2.40E-01	1.06E-02	3.22E-02	1.73E-02	8.93E-01	9.43E+00	2.20E+01	7.38E-08	6.89E-08	8.30E-03	3.68E-04	4.90E-01	1.77E+00	1.02E+02	5.55E-05	1.05E+02	1.08E+02	5.25E+00	0.00E+00	0.00E+00	1.35E-02	7.44E-01
VZ24NRK	4.41E-02	1.15E+01	-1.11E-01	1.19E+01	3.44E-05	0.00E+00	7.03E+02	5.73E-05	6.83E-03	7.31E-02	1.30E-02	3.26E+00	3.74E-08	1.44E-07	2.54E+01	2.34E-01	3.57E-02	2.04E-01	8.99E-02	7.63E-01	7.38E+00	1.77E+01	1.12E-07	2.45E-07	2.34E-02	3.44E-04	2.11E+00	2.86E+00	7.14E+00	1.75E-04	7.24E+00	7.43E+00	7.16E+00	0.00E+00	0.00E+00	1.59E-02	3.88E+00
VZ24NUH	4.80E-02	1.18E+01	-1.17E-01	1.21E+01	3.18E-05	0.00E+00	7.22E+02	6.98E-05	6.87E-03	7.51E-02	2.05E-02	3.80E+00	4.58E-08	2.32E-07	4.11E+01	2.49E-01	2.77E-02	2.06E-01	9.16E-02	8.45E-01	7.15E+00	1.87E+01	1.25E-07	2.84E-07	2.60E-02	4.01E-04	2.12E+00	4.11E+00	7.09E+00	2.11E-04	7.14E+00	7.28E+00	7.24E+00	0.00E+00	0.00E+00	1.48E-02	3.96E+00
VZ309	2.30E-03	1.09E-01	4.51E-03	1.18E-01	2.20E-05	0.00E+00	4.82E+00	1.07E-05	7.84E-05	8.13E-04	2.34E-04	1.21E+00	1.14E-07	1.31E-08	3.41E+00	9.54E-02	3.07E-04	5.27E-03	3.22E-03	1.07E-01	5.26E+00	5.23E-01	8.71E-09	1.20E-08	3.04E-04	1.95E-05	3.21E-01	8.73E-02	2.91E+00	5.19E-06	3.08E+00	2.98E+00	7.37E-01	0.00E+00	0.00E+00	8.60E-04	1.40E-01
VZ311	3.25E-03	1.18E-01	-8.89E-03	1.23E-01	2.83E-06	0.00E+00	3.19E+00	2.89E-05	9.45E-05	1.08E-03	2.48E-04	1.39E+00	1.67E-07	2.07E-08	3.17E+00	9.73E-02	3.34E-04	4.53E-03	3.06E-02	7.89E-02	4.02E+00	5.11E-01	9.23E-09	1.20E-08	3.62E-04	2.26E-05	3.35E-01	9.87E-02	2.93E+00	1.73E-05	3.06E+00	2.89E+00	3.83E-01	0.00E+00	0.00E+00	4.32E-04	1.93E-01
VZ313	3.05E-03	1.02E-01	-6.90E-03	1.12E-01	1.15E-06	0.00E+00	3.16E+00	2.86E-05	1.00E-04	1.15E-03	2.07E-04	1.20E+00	1.36E-07	2.05E-08	3.40E+00	8.75E-02	3.81E-04	4.56E-03	3.06E-02	7.89E-02	4.02E+00	5.11E-01	9.23E-09	1.20E-08	3.62E-04	2.26E-05	3.35E-01	9.87E-02	2.93E+00	1.73E-05	3.06E+00	2.89E+00	3.83E-01	0.00E+00	0.00E+00	4.32E-04	1.93E-01
VZ331N	1.86E-02	4.89E+00	-1.55E-01	5.02E+00	4.33E-06	0.00E+00	3.18E+01	1.87E-05	3.13E-03	3.43E-02	1.13E-02	4.19E-01	3.16E-08	6.00E-08	3.14E+00	2.68E-01	1.54E-02	1.07E+00	3.84E-02	1.12E-01	1.00E+03	1.56E+01	6.28E-08	1.71E-07	1.14E-02	2.45E-04	1.32E+00	3.53E+00	1.08E+03	8.68E-05	1.05E+03	1.02E+03	5.70E+00	0.00E+00	0.00E+00	1.90E-02	1.64E+00
VZ332N	2.73E-02	8.78E+00	-3.37E-01	9.15E+00	6.44E-06	0.00E+00	3.65E+01	3.03E-05	3.29E-03	3.69E-02	1.57E-02	4.31E-01	6.07E-08	7.95E-08	5.65E+00	2.58E-01	2.13E-02	1.17E+00	4.53E-02	1.07E+00	1.10E+03	1.75E+01	7.61E-08	2.24E-07	1.84E-02	2.81E-04	2.19E+00	5.97E+00	1.18E+03	9.55E-05	1.14E+03	1.12E+03	7.69E+00	0.00E+00	0.00E+00	2.00E-02	1.97E+00
VZ333N	3.22E-02	9.77E+00	-2.81E-01	1.01E+01	6.83E-06	0.00E+00	4.56E+01	3.66E-05	3.68E-03	4.38E-02	1.84E-02	5.28E-01	5.38E-08	1.22E-07	9.13E+00	2.60E-01	2.40E-02	1.41E+00	1.16E-01	1.44E+00	1.23E+03	2.09E+01	8.96E-08	3.47E-07	2.20E-02	2.89E-04	3.53E+00	5.00E+00	1.26E+03	1.01E-04	1.24E+03	1.22E+03	8.40E+00	0.00E+00	0.00E+00	2.00E-02	4.98E+00
VZ334N	3.99E-02	1.34E+01	-1.58E-01	1.41E+01	6.91E-06	0.00E+00	4.18E+02	6.48E-05	7.15E-03	8.06E-02	2.23E-02	5.10E-01	3.42E-08	1.37E-07	8.43E+00	2.61E-01	3.02E-02	1.33E+00	1.27E-01	1.73E+00	1.12E+03	2.28E+01	9.03E-08	3.91E-07	2.93E-02	2.96E-04	3.57E+00	3.90E+00	1.15E+03	1.00E-04	1.14E+03	1.13E+03	8.34E+00	0.00E+00	0.00E+00	1.88E-02	5.50E+00
VZ335N	5.62E-02	1.99E+01	-2.48E-01	1.66E+01	7.93E-06	0.00E+00	4.67E+02	7.34E-05	1.03E-02	1.10E-01	2.98E-02	8.54E-01	5.89E-08	1.55E-07	1.11E+01	2.98E-01	3.59E-02	1.52E+00	1.20E-01	1.89E+00	1.32E+03	2.81E+01	9.53E-08	4.77E-07	3.85E-02	3.00E-04	3.69E+00	6.22E+00	1.35E+03	1.72E-04	1.39E+03	1.34E+03	1.24E+01	0.00E+00	0.00E+00	2.04E-02	7.23E+00
VZ36AP2	4.22E-02	1.51E+01	-1.84E-01	1.54E+01	1.43E-06	0.00E+00	2.19E+01	7.50E-05	8.94E-03	7.73E-02	2.19E-02	3.84E+00	3.46E-08	1.19E-07	2.73E+01	2.38E-01	3.97E-02	1.45E+00	1.20E-01	1.19E+00	1.50E+03	3.14E+01	7.13E-08	3.32E-07	3.85E-02	2.89E-04	2.49E+00	3.67E+00	1.07E+03	1.36E+00	1.26E+03	1.05E+03	9.84E+00	0.00E+00	0.00E+00	7.53E-04	5.12E+00
VZ36AU	6.06E-02	1.47E+01	-3.06E-01	1.76E+01	2.75E-06	0.00E+00	1.51E+03	7.90E-05	1.04E-02	1.15E-01	2.06E-02	7.41E+00	6.48E-08	2.29E-07	4.60E+01	2.25E-01	3.38E-02	1.05E+00	1.38E-01	1.38E+00	1.08E+03	4.42E+01	1.38E-07	3.34E-07	3.87E-02	3.60E-04	2.27E+00	8.88E+00	1.18E+03	1.67E-04	1.16E+03	1.15E+03	1.18E+01	0.00E+00	0.00E+00	1.35E-02	5.79E+00
VZ36CAV	2.07E-02	3.97E+00	4.98E-01	4.47E+00	1.58E-05	0.00E+00	8.35E+02	3.72E-05	3.13E-03	3.24E-02	1.02E-02	3.65E+00	6.38E-08	9.15E-08	3.95E+01	1.05E-01	1.38E-02	5.72E-02	3.11E-02	6.92E-01	1.88E+02	1.78E+01	7.65E-08	1.14E-07	1.07E-02	3.00E-04	-1.52E-01	6.60E+00	1.88E+02	4.00E-05	1.88E+02	1.92E+02	6.44E+00	0.00E+00	0.00E+00	7.70E-03	1.33E+00
VZ36CHU	7.40E-02	1.69E+01	-5.38E-01	2.55E+01	2.56E-06	0.00E+00	1.02E+03	4.51E-05	1.19E-02	1.38E-01	2.63E-02	3.87E+00	7.47E-08	2.06E-07	4.05E+01	1.37E-01	3.52E-02	1.32E+00	1.79E-01	8.65E-01	1.26E+03	1.95E+01	1.05E-07	3.79E-07	4.57E-02	3.48E-04	9.72E-01	7.95E+00	1.28E+03	2.16E-04	1.28E+03	1.29E+03	8.92E+00	0.00E+00	0.00E+00	7.70E-03	7.65E+00
VZ36MME	9.70E-03	2.35E+00	-8.86E-02	2.51E+00	2.49E-04	0.00E+00	8.80E+02	3.34E-05	1.75E-03	1.91E-02	5.76E-03	1.36E+00	1.63E-07	3.20E-08	1.07E+01	6.30E-01	7.80E-03	2.78E-02	1.63E-02	7.71E-01	5.05E-01	1.84E+01	1.39E-07	6.67E-08	8.55E-03	3.42E-04	1.62E+00	2.43E+00	5.82E+01	5.12E-05	5.88E+01	6.29E+01	4.37E+00	0.00E+00	0.00E+00	1.44E-02	7.01E-01
VZ36MMK	9.70E-03	2.35E+00	-8.87E-02	2.51E+00	2.49E-04	0.00E+00	8.73E+02	3.34E-05	1.75E-03	1.91E-02	5.76E-03	1.30E+00	1.63E-07	3.20E-08	1.06E+01	6.29E-01	7.80E-03	2.78E-02	1.63E-02	7.71E-01	5.05E-01	1.84E+01	1.39E-07	6.67E-08	8.55E-03	3.42E-04	1.62E+00	2.43E+00	5.82E+01	5.12E-05	5.88E+01	6.29E+01	4.37E+00	0.00E+00	0.00E+00	1.44E-02	7.01E-01
VZ36NAV	2.74E-02	5.99E+00	-1.42E-01	5.93E+00	2.52E-05	0.00E+00	1.74E+03	5.76E-05	3.99E-03	4.26E-02	1.27E-02	6.70E+00	4.41E-08	1.57E-07	4.57E+01	2.63E-01	1.73E-02	5.16E-02	4.08E-02	9.05E-01	1.55E+02	3.21E+01	1.14E-07	1.94E-07	1.38E-02	3.69E-04	3.17E-01	3.35E+00	1.90E+02	7.84E-05	1.90E+02	2.03E+02	5.91E+00	0.00E+00	0.00E+00	1.34E-02	1.76E+00
VZ36NRK	5.41E-02	1.92E+01	-1.20E-01	2.17E+01	2.18E-06	0.00E+00	2.99E+02	7.53E-05	8.26E-03	9.36E-02	2.40E-02	4.95E+00	7.01E-08	1.95E-07	3.78E+01	7.18E-01	3.25E-02	1.45E+00	1.57E-01	1.18E+00	1.50E+03	4.00E+01	6.78E-07	3.34E-07	3.81E-02	5.11E-04	2.79E+00	4.34E+00	1.18E+03	1.63E+03	1.63E+03	9.84E+00	0.00E+00	0.00E+00	1.53E-02	6.86E+00	
VZ36NUH	5.64E-02	1.81E+01	-1.10E-01	1.81E+01	2.88E-05	0.00E+00	2.35E+03	7.80E-05	8.04E-03	9.22E-02	2.25E-02	1.14E+01	4.47E-08	2.98E-07	5.08E+01	2.63E-01	3.05E-02	1.14E+00	1.36E-01	1.06E+00	1.11E+03	2.00E+01	1.37E-07	3.26E-07	3.58E-02	4.31E-04	2.22E+00	4.13E+00	1.18E+03	2.00E-04	1.19E+03	1.19E+03	7.73E+00	0.00E+00	0.00E+00	1.43E-02	6.05E+00
VZ406	2.14E-03	2.45E-01	1.36E-02	2.53E-01	2.42E-06	0.00E+00	1.52E+01	7.72E-04	1.68E-04	1.81E-03	6.97E-04	1.21E+00	1.56E-08	1.22E-08	2.33E+00	7.87E-02	8.38E-04	1.45E-03	2.72E-03	1.91E-01	7.10E+00	1.84E+00	1.02E-08	1.24E-08	5.71E-04	3.40E-05	3.17E-01	3.50E-01	8.89E+00	8.86E-06	7.02E+00	7.83E+00	6.29E-01	0.00E+00	0.00E+00	6.11E-04	1.17E-01
VZ408	3.04E-03	2.58E-01	1.32E-02	2.60E-01	2.63E-04	0.00E+00	1.02E+01	8.61E-04	2.01E-04	2.23E-03	9.47E-04	8.60E-01	1.11E-08	9.40E-08	1.98E+00	8.98E-02	3.28E-03	1.08E-02	3.62E-03	1.72E-01	1.23E+01	3.39E+00	1.15E-08	1.61E-08	6.53E-04	3.79E-05	6.70E-01	2.08E-01	6.78E+00	1.59E-05	7.18E+00	7.59E+00	9.84E-01	0.00E+00	0.00E+00	9.92E-03	1.53E-01
VZ411N	2.44E-03	2.54E-01	-1.16E-02	2.70E-01	1.07E-06	0.00E+00	7.03E+00	5.29E-05	1.87E-04	1.90E-03	6.41E-04	2.22E-01	8.81E-08	4.78E-08	1.55E+00	7.70E-02	8.63E-04	9.96E-03	2.32E-03	1.33E-01	8.16E+00	2.18E+00	1.37E-08	1.58E-08	6.41E-04	3.66E-05	3.62E-01	1.58E-01	6.77E+00	4.49E-06	6.78E+00	7.50E+00	8.47E-01	0.00E+00	0.00E+00		

VZ626N	6.10E-03	2.04E+00	6.35E-02	2.19E+00	1.02E-03	0.00E+00	2.42E+01	2.96E-05	1.63E-03	1.69E-02	6.43E-03	5.79E-02	3.99E-08	1.79E-08	2.33E+00	3.04E+00	8.71E-03	1.11E-02	2.60E-02	2.18E+00	3.64E+01	1.74E+01	5.40E-07	1.03E-07	5.48E-03	1.15E-03	3.72E+00	3.25E+00	5.22E+01	1.56E-08	5.03E+01	5.43E+01	5.53E+00	0.00E+00	0.00E+00	3.51E-03	1.13E+00
VZ627N	4.07E-03	9.31E-01	-5.02E-02	1.03E+00	4.79E-04	0.00E+00	1.95E+01	2.46E-05	7.30E-04	7.37E-03	2.60E-03	6.62E-02	3.54E-08	7.77E-09	2.06E+00	1.48E+00	4.45E-03	5.52E-03	2.07E-02	4.80E-01	1.40E+01	8.96E+00	5.09E-07	7.56E-08	2.31E-03	4.80E-04	1.93E+00	1.91E+00	2.24E+01	3.83E-05	2.33E+01	2.40E+01	1.85E+00	0.00E+00	0.00E+00	3.51E-03	8.97E-01
VZ628N	5.75E-03	1.80E+00	5.54E-02	1.72E+00	6.69E-04	0.00E+00	1.98E+01	3.37E-05	1.30E-03	1.31E-02	3.31E-03	3.57E-01	4.14E-08	1.26E-08	2.59E+00	1.82E+00	4.55E-03	6.41E-03	2.59E-02	9.10E-01	3.48E+01	1.31E+01	5.22E-07	8.21E-08	4.38E-03	6.73E-04	2.56E+00	2.34E+00	4.11E+01	3.89E-05	4.80E+01	6.93E+01	4.40E+00	0.00E+00	0.00E+00	3.51E-03	1.13E+00
VZ629N	6.73E-03	2.23E+00	1.80E-01	2.39E+00	1.02E-03	0.00E+00	2.52E+01	2.91E-05	1.88E-03	1.89E-02	7.17E-03	8.05E-02	5.09E-08	1.85E-08	2.40E+00	3.07E+00	9.73E-03	1.61E-02	2.74E-02	2.26E+00	4.98E+01	2.07E+01	5.40E-07	1.11E-07	5.69E-03	1.29E-03	3.76E+00	3.91E+00	6.03E+01	1.82E-04	6.73E+01	7.40E+01	5.71E+00	0.00E+00	0.00E+00	3.78E-03	1.19E+00
VZ630N	7.21E-03	2.58E+00	6.67E-02	2.80E+00	1.36E-03	0.00E+00	2.88E+01	2.92E-05	2.17E-03	2.14E-02	8.00E-03	8.36E-02	4.34E-08	2.06E-08	2.65E+00	3.55E+00	1.09E-02	1.65E-02	3.00E-02	3.57E+00	5.05E+01	2.98E+01	5.48E-07	1.15E-07	7.12E-03	1.79E-03	5.70E+00	2.81E+00	7.28E+01	2.00E-04	7.04E+01	7.97E+01	6.26E+00	0.00E+00	0.00E+00	3.51E-03	1.30E+00
VZ631N	4.30E-03	9.82E-01	5.49E-02	1.09E+00	5.06E-04	0.00E+00	2.09E+01	2.77E-05	7.82E-04	7.87E-03	2.89E-03	1.72E-01	3.97E-08	8.93E-09	2.15E+00	1.53E+00	4.00E-03	5.49E-03	2.16E-02	8.15E-01	1.91E+01	9.46E+00	5.16E-07	7.89E-08	2.49E-03	6.11E-04	1.99E+00	2.21E+00	2.32E+01	3.84E-05	2.47E+01	2.57E+01	4.16E+00	0.00E+00	0.00E+00	3.51E-03	9.34E-01
VZ643N	5.17E-03	1.23E+00	5.90E-02	1.30E+00	4.79E-06	0.00E+00	1.17E+01	2.11E-05	6.97E-04	9.78E-03	2.89E-02	2.31E-01	4.20E-08	3.95E-09	2.17E+00	3.30E-01	3.89E-03	7.79E-03	2.35E-02	1.05E-01	1.42E+01	1.29E+01	5.14E-07	8.47E-08	2.93E-03	1.89E-04	3.89E-01	1.80E+00	2.52E+01	1.39E-03	2.99E+01	3.09E+01	1.82E+00	0.00E+00	0.00E+00	1.68E-01	9.92E-01
VZ644N	5.67E-03	1.58E+00	1.15E-01	1.36E+00	4.93E-06	0.00E+00	1.14E+01	2.57E-05	8.75E-04	1.03E-02	3.99E-03	1.96E+00	4.56E-08	1.04E-09	2.15E+00	3.91E-05	5.48E-03	8.84E-03	2.79E-02	5.54E-01	1.66E+01	1.66E+01	5.47E-07	1.07E-07	3.28E-03	4.01E-04	4.17E-01	2.47E+00	3.16E+01	3.89E-03	1.39E-03	3.39E+01	8.00E+00	0.00E+00	0.00E+00	1.21E-01	1.19E+00
VZ647N	5.67E-03	1.28E+00	-1.29E-01	1.39E+00	4.89E-06	0.00E+00	1.15E+01	2.67E-05	1.01E-03	1.07E-02	3.98E-03	1.97E+00	4.76E-08	1.18E-09	2.34E+00	3.89E-01	5.48E-03	8.84E-03	2.53E-02	4.92E-01	1.73E+01	1.64E+01	5.24E-07	1.03E-07	3.32E-03	3.40E-04	4.11E-01	2.47E+00	3.14E+01	1.86E-03	3.22E+01	2.76E+00	0.00E+00	0.00E+00	1.21E-01	1.06E+00	
VZ648N	6.68E-03	1.67E+00	-1.36E-01	1.77E+00	5.31E-06	0.00E+00	1.44E+01	2.82E-05	1.26E-03	1.34E-02	5.20E-03	1.69E+00	5.09E-08	1.42E-09	2.42E+00	4.68E-01	7.86E-03	1.11E-02	2.82E-02	6.14E-01	2.22E+01	1.79E+01	5.40E-07	1.03E-07	4.35E-03	4.68E-04	6.93E-01	2.90E+00	4.22E+01	3.34E-03	4.41E+01	4.57E+01	3.69E+00	0.00E+00	0.00E+00	1.28E-01	1.25E+00
VZ650N	8.33E-03	2.85E+00	-1.98E-01	3.13E+00	8.03E-06	0.00E+00	4.85E+01	4.68E-05	2.25E-03	2.38E-02	8.48E-03	3.47E+00	1.45E-07	2.73E-08	3.09E+00	7.47E-01	1.14E-02	2.38E-02	3.50E-02	1.27E+00	4.53E+01	2.77E+01	5.84E-07	1.43E-07	7.53E-03	7.19E-04	1.53E+00	3.94E+00	8.18E+01	4.85E-03	7.80E+01	8.35E+01	4.89E+00	0.00E+00	0.00E+00	1.80E-01	1.51E+00
VZ651N	6.51E-03	1.62E+00	-1.41E-01	1.85E+00	5.21E-06	0.00E+00	1.34E+01	2.90E-05	1.42E-03	1.44E-02	4.46E-03	2.22E+00	4.85E-08	1.42E-09	2.42E+00	4.01E-01	6.07E-03	9.62E-03	2.78E-02	9.59E-01	3.34E+01	1.72E+01	5.31E-07	1.10E-07	4.74E-03	3.96E-04	4.55E-01	1.15E+00	4.08E+01	1.62E-03	5.15E+01	6.74E+01	3.90E+00	0.00E+00	0.00E+00	1.18E-01	1.22E+00
VZ665N	8.78E-03	2.25E+00	7.65E-02	2.99E+00	6.67E-06	0.00E+00	2.09E+01	2.98E-05	1.72E-03	1.85E-02	6.65E-03	1.17E+00	4.53E-08	2.94E-09	2.72E+00	3.00E-01	6.75E-03	1.36E-02	1.55E-02	7.95E-01	3.33E+01	2.14E+01	3.39E-08	6.39E-08	5.94E-03	4.84E-04	4.55E-01	1.81E+00	4.99E+01	1.77E-03	5.73E+01	5.73E+01	4.20E+00	0.00E+00	0.00E+00	2.91E-02	6.73E-01
VZ683N	1.57E-03	3.99E-01	1.44E-02	4.42E-01	6.33E-06	0.00E+00	7.18E+00	2.11E-05	3.02E-04	3.19E-03	1.10E-03	8.10E-02	2.63E-08	2.02E-09	1.80E+00	2.78E-01	3.91E-04	1.67E-02	1.05E-01	5.41E+00	4.01E+00	5.12E-07	1.59E-08	4.82E-04	5.55E-05	2.67E-05	9.57E-01	1.17E+00	9.98E+00	5.52E-04	1.01E+01	1.02E+01	6.37E-01	0.00E+00	0.00E+00	2.48E-03	7.32E-01
VZ685N	4.86E-03	1.32E+00	-1.46E-02	1.42E+00	1.38E-04	0.00E+00	2.55E+01	3.77E-05	9.99E-04	1.03E-02	6.94E-08	1.61E-08	2.47E+00	6.71E-01	1.47E-03	1.03E-02	2.22E-02	7.69E-01	1.84E+01	9.27E-00	5.40E-01	5.40E-01	8.82E-08	8.32E-08	3.10E-03	3.84E-04	2.09E+00	1.99E+00	2.88E+01	7.28E-08	2.88E+01	2.89E+01	3.86E+00	0.00E+00	0.00E+00	1.54E-02	9.83E-01
VZ690N	7.79E-03	2.37E+00	-2.27E-01	2.57E+00	3.33E-04	0.00E+00	3.95E+01	4.84E-05	1.88E-03	1.91E-02	7.07E-03	2.22E-01	1.11E-01	2.21E-09	3.59E+00	1.48E+00	9.59E-03	2.54E-02	2.79E-02	1.42E+00	5.88E+01	1.92E+01	5.93E-07	9.99E-08	6.90E-03	8.47E-04	2.40E+00	4.71E+00	7.93E+01	1.13E-05	7.55E+01	8.24E+01	6.90E+00	0.00E+00	0.00E+00	8.43E-02	1.21E+00
VZ691N	1.68E-03	5.00E-01	-1.93E-02	1.42E-01	6.39E-06	0.00E+00	7.72E+00	2.02E-05	3.99E-04	4.95E-03	1.52E-03	8.37E-02	2.52E-08	2.77E-09	2.35E+00	3.43E-01	1.23E-03	1.17E-02	1.87E-02	1.25E-01	1.32E+01	6.68E+00	5.13E-07	6.30E-08	1.23E-03	6.58E-05	9.74E-01	1.34E+00	1.22E+01	7.16E-04	1.30E+01	1.38E+01	8.74E-01	0.00E+00	0.00E+00	8.84E-03	8.21E-01
VZ696N	2.29E-03	4.44E-01	-2.26E-02	1.47E-01	0.00E+00	0.00E+00	7.70E-02	9.71E-06	3.52E-04	3.73E-03	4.80E-04	2.15E-02	7.05E-09	1.01E-08	1.70E+00	4.64E-04	8.50E-04	3.68E-03	6.79E-04	1.99E-02	6.33E+00	1.01E+00	9.28E-09	1.33E-08	1.20E-03	7.05E-08	8.09E-02	2.94E-01	7.34E+00	4.43E-07	7.34E+00	7.72E+00	3.75E-01	0.00E+00	0.00E+00	2.00E+00	2.92E-02
VZ704N	1.17E-03	1.42E-01	-8.45E-03	1.51E-01	9.23E-06	0.00E+00	6.95E+00	4.66E-05	1.11E-04	1.26E-03	3.09E-04	7.05E-01	9.73E-09	9.69E-09	3.72E+00	7.17E-01	4.39E-04	1.37E-03	1.69E-02	9.03E-02	6.45E+00	9.75E-01	5.05E-07	1.75E-08	3.99E-04	1.95E-05	3.36E-01	8.95E-01	3.29E+00	3.25E-06	3.70E+00	3.88E+00	5.50E-01	0.00E+00	0.00E+00	3.96E-02	7.58E-01
VZ710	3.31E-03	2.33E-01	-0.71E-02	2.69E-01	5.99E-06	0.00E+00	1.25E+03	3.10E-02	1.78E-04	1.80E-02	6.39E-04	1.97E+00	8.71E-08	3.79E-08	7.91E+00	9.81E-02	8.67E-04	5.52E-02	3.44E-03	1.39E-01	6.38E+00	1.98E+00	1.86E-08	1.79E-08	6.15E-04	2.71E-05	6.88E-01	1.42E-01	6.29E+00	1.39E-04	6.27E+00	6.88E+00	5.74E-01	0.00E+00	0.00E+00	3.48E-02	1.46E-01
VZ717	3.47E-03	2.73E-01	2.93E-02	3.44E-01	8.89E-06	0.00E+00	1.83E+00	1.54E-05	2.28E-04	2.38E-03	7.23E-04	1.18E+00	1.52E-08	1.62E-09	2.80E+00	1.96E-01	3.96E-04	3.74E-02	1.41E-02	1.85E-01	3.00E+00	3.00E+00	2.31E-08	1.55E-08	8.82E-04	6.84E-05	1.02E+00	4.47E-01	1.32E+00	3.00E-05	1.07E+01	1.32E+01	1.60E+00	0.00E+00	0.00E+00	4.45E-03	1.78E-01
VZ722	1.32E-03	1.47E-01	-1.09E-02	1.49E-01	6.68E-07	0.00E+00	1.37E-02	1.37E-03	1.12E-04	1.24E-03	3.08E-04	8.81E-01	1.64E-08	1.39E-09	2.16E+00	1.07E-01	4.29E-04	6.64E-03	1.58E-03	9.97E-02	9.07E+00	1.01E+00	1.41E-08	1.16E-08	4.05E-04	2.84E-05	6.14E-03	1.30E-01	3.88E+00	4.06E-05	3.89E+00	4.11E+00	5.41E-01	0.00E+00	0.00E+00	6.15E-03	6.27E-02
VZ723	2.37E-03	1.41E-01	-1.15E-02	1.40E-01	2.62E-06	0.00E+00	2.57E-02	5.94E-05	1.03E-04	1.13E-03	3.37E-04	9.68E-01	1.54E-07	2.61E-08	3.05E+00	2.85E-01	4.67E-04	1.06E-02	3.39E-03	1.01E-01	9.23E+00	9.47E-01	1.79E-08	1.75E-08	3.73E-04	2.34E-05	6.33E-01	1.08E-01	3.87E+00	8.31E-05	3.89E+00	3.91E+00	5.11E-01	0.00E+00	0.00E+00	9.48E-03	1.38E-01
VZ724	1.39E-03	2.18E-01	-1.29E-02	2.31E-01	4.10E-04	0.00E+00	4.97E+00	8.45E-05	1.63E-04	1.76E-03	6.10E-04	1.18E+00	2.19E-07	3.08E-08	2.93E+00	3.55E-01	8.40E-04	1.16E-02	1.35E-02	8.60E+00	9.31E+00	1.72E+00	2.51E-08	1.45E-08	3.41E-04	2.19E-05	6.51E-01	3.34E-01	6.29E+00	8.82E-05	6.25E+00	6.88E+00	5.34E-01	0.00E+00	0.00E+00	9.31E-03	6.15E-01
VZ728	1.39E-03	2.36E-01	-9.26E-03	2.55E-01	1.38E-06	0.00E+00	1.95E+00	9.27E-05	1.75E-04	1.89E-03	6.69E-04	1.10E+00	9.08E-07	2.41E-08	2.88E+00	4.95E-01	9.11E-04	3.64E-03	2.88E-03	8.96E-02	4.57E+00	1.89E+00	9.38E-09	1.40E-08	6.93E-04	2.68E-05	3.54E-01	1.59E-01	6.42E+00	8.98E-05	6.44E+00	7.15E+00	1.26E-01	0.00E+00	0.00E+		

Distribution A4	FL354BA	6.27E-01	1.10E+02	1.67E+00	1.11E+02	0.00E+00	0.00E+00	9.44E+02	1.30E+04	7.78E+02	8.21E-01	3.09E+01	4.15E+01	8.53E-07	6.34E-07	2.00E+01	9.18E+02	3.18E-01	1.70E+00	5.72E-01	3.36E+01	3.61E+00	1.17E+01	1.64E-05	3.55E+06	3.22E-01	1.03E+02	4.53E+00	9.74E+01	3.62E+03	5.19E+04	3.82E+03	3.73E+03	1.02E+02	0.00E+00	0.00E+00	0.00E+00	2.46E+01	
	FL356BA	5.03E-01	9.78E+01	-1.96E+00	9.96E+01	0.00E+00	0.00E+00	8.08E+02	1.28E+04	7.02E+02	7.39E-01	2.91E+01	3.89E+01	8.38E-07	5.77E-07	1.86E+01	9.08E+02	3.94E-01	1.68E+00	5.36E-01	3.09E+01	3.34E+00	1.12E+01	1.41E-05	3.12E+06	2.85E-01	8.90E+02	4.19E+00	9.57E+01	3.35E+03	5.24E+04	3.35E+03	3.45E+03	9.98E+01	0.00E+00	0.00E+00	0.00E+00	2.30E+01	
	FL358BA	5.61E-01	1.10E+02	6.88E-01	1.09E+02	0.00E+00	0.00E+00	8.67E+02	1.05E+04	7.52E+02	8.01E-01	3.19E+01	4.25E+01	6.27E-07	6.31E-07	1.93E+01	9.25E+02	4.32E-01	1.71E+00	5.71E-01	3.46E+01	3.57E+00	1.19E+01	1.65E-05	3.43E+06	3.15E-01	9.70E+02	1.04E+01	7.39E+01	3.58E+03	5.12E+04	3.58E+03	3.67E+03	8.43E+01	0.00E+00	0.00E+00	0.00E+00	2.45E+01	
	FL380B	9.79E-02	1.63E+01	4.72E-01	1.68E+01	0.00E+00	0.00E+00	8.84E+03	1.28E+04	1.29E+02	1.34E-01	3.88E+02	1.34E+01	5.79E-07	9.79E-07	2.45E+01	2.98E+00	5.25E-02	1.37E-01	9.96E+02	9.37E+00	4.78E+00	1.88E+01	3.91E-06	9.05E-07	4.87E+02	5.08E+03	4.52E+00	1.55E+01	4.78E+00	2.79E+04	4.75E+00	4.75E+00	3.01E+01	0.00E+00	0.00E+00	0.00E+00	4.28E+00	
	FL381B	1.25E-01	2.24E+01	-7.25E-01	2.31E+01	0.00E+00	0.00E+00	1.05E+04	2.16E+04	1.75E+00	1.79E-01	5.81E+02	3.84E+01	8.74E-07	1.30E+06	2.87E+01	3.86E+00	7.59E-02	1.95E-01	1.51E+01	1.43E+01	6.02E+00	2.96E+01	5.50E-06	1.41E+06	8.44E+02	7.84E+03	5.33E+00	2.31E+01	6.02E+00	4.94E+04	6.02E+00	6.02E+00	2.84E+01	0.00E+00	0.00E+00	0.00E+00	6.47E+00	
	FL382B	1.53E-01	2.71E+01	-9.69E-01	2.80E+01	0.00E+00	0.00E+00	1.05E+04	2.29E+04	2.13E+02	2.16E-01	7.73E+02	4.09E+01	9.42E-07	1.33E+06	2.93E+01	4.82E+00	9.92E-02	2.30E-01	1.75E+01	1.65E+01	7.26E+00	3.21E+01	6.83E-06	1.63E+06	7.94E+02	8.56E+03	4.80E+00	3.07E+01	7.26E+00	5.36E+04	7.26E+00	7.26E+00	3.53E+01	0.00E+00	0.00E+00	0.00E+00	7.53E+00	
	FL386B	1.81E-01	3.42E+01	-6.70E-01	3.51E+01	0.00E+00	0.00E+00	1.05E+04	2.25E+04	2.55E+02	2.54E-01	8.35E+02	4.10E+01	1.42E-06	1.49E+06	3.65E+01	5.50E+00	1.13E-01	6.27E-01	3.67E+01	1.67E+01	7.02E+00	3.21E+01	6.79E-06	1.73E+06	9.61E+02	8.57E+03	5.42E+00	3.17E+01	7.86E+00	6.12E+04	7.08E+00	7.08E+00	3.71E+01	0.00E+00	0.00E+00	0.00E+00	1.01E+01	
	FL387B	2.75E-01	4.75E+01	-1.24E+00	4.83E+01	0.00E+00	0.00E+00	1.05E+04	3.18E+04	3.71E+02	3.86E-01	1.11E+04	4.82E+01	1.94E-06	1.63E+06	3.77E+01	5.37E+00	1.50E-01	6.24E-01	3.83E+01	2.07E+01	8.48E+00	3.84E+01	9.44E-06	2.00E+06	1.40E+01	1.05E+02	4.90E+00	4.26E+01	7.86E+00	1.15E+04	8.48E+00	8.48E+00	5.84E+01	0.00E+00	0.00E+00	0.00E+00	1.56E+01	
	FL402B	2.12E-01	3.39E+01	-5.94E-01	3.45E+01	0.00E+00	0.00E+00	1.05E+04	2.29E+04	2.85E+02	2.96E-01	1.02E+01	4.10E+01	1.64E-07	1.61E+06	2.97E+01	4.62E+00	1.38E-01	2.00E+01	1.77E+01	7.26E+00	6.06E+01	1.04E-06	1.94E+06	1.08E-01	9.19E+03	4.80E+00	3.56E+01	7.26E+00	5.29E+04	7.26E+00	7.26E+00	3.83E+01	0.00E+00	0.00E+00	0.00E+00	8.56E+00		
	FL406B	2.34E-01	3.63E+01	-5.14E-01	3.68E+01	0.00E+00	0.00E+00	1.06E+04	2.35E+04	3.08E+02	3.21E-01	1.07E-01	3.97E+01	1.23E-06	2.24E+06	3.38E+01	4.58E+00	1.44E-01	2.54E-01	2.52E-01	1.81E+01	7.05E+00	5.92E+01	9.86E-06	2.00E+06	1.18E-01	9.26E+03	4.96E+00	3.40E+01	7.05E+00	6.66E+04	7.05E+00	7.05E+00	3.89E+01	0.00E+00	0.00E+00	0.00E+00	1.13E+01	
	FL407B	2.87E-01	4.37E+01	-4.87E-01	4.44E+01	0.00E+00	0.00E+00	1.06E+04	2.44E+04	3.81E+02	3.97E-01	1.42E-01	4.48E+01	1.34E-06	1.88E+06	3.47E+01	5.32E+00	1.92E-01	3.10E-01	2.42E-01	2.13E+01	8.49E+00	6.98E+01	1.28E-05	2.36E+06	1.48E-01	1.05E+02	3.81E+00	4.57E+01	8.49E+00	5.43E+04	8.49E+00	8.49E+00	4.95E+01	0.00E+00	0.00E+00	0.00E+00	1.04E+01	
	GD213A	1.70E-03	2.52E-01	0.00E+00	2.52E-01	0.00E+00	0.00E+00	1.65E-01	9.47E-08	7.49E-04	8.22E-03	0.00E+00	0.00E+00	4.43E-12	8.58E-11	6.15E-04	0.00E+00	0.00E+00	0.00E+00	2.23E-05	8.86E-03	3.52E+00	0.00E+00	3.87E-10	1.30E+08	2.07E-03	6.31E-06	4.70E-03	0.00E+00	3.52E+00	9.93E-09	3.52E+00	3.53E+00	4.70E-03	0.00E+00	0.00E+00	0.00E+00	9.58E-04	
	B04000	2.50E-04	3.70E-02	0.00E+00	3.70E-02	0.00E+00	0.00E+00	2.42E-02	1.39E-08	1.10E-04	1.21E-03	0.00E+00	0.00E+00	1.20E-11	1.26E-11	9.02E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.30E-03	5.16E-01	0.00E+00	5.67E-11	1.91E+09	3.04E-04	9.25E-07	6.89E-04	0.00E+00	5.16E-01	1.46E-09	5.16E-01	5.17E-01	6.89E-04	0.00E+00	0.00E+00	0.00E+00	1.41E-04	
	B04021	2.92E-03	4.59E-01	0.00E+00	4.59E-01	0.00E+00	0.00E+00	3.01E-01	1.73E-07	1.39E-03	1.50E-02	0.00E+00	0.00E+00	8.09E-12	8.09E-12	1.12E-03	0.00E+00	0.00E+00	0.00E+00	4.07E-05	1.61E+00	6.41E+00	0.00E+00	7.48E-10	2.37E+08	3.79E-03	1.15E-06	8.95E-03	0.00E+00	6.41E+00	9.81E-09	6.41E+00	6.42E+00	8.56E-03	0.00E+00	0.00E+00	0.00E+00	1.75E-03	
	B04085	1.93E-03	3.06E-01	0.00E+00	3.06E-01	0.00E+00	0.00E+00	2.00E-01	1.14E-07	9.06E-04	9.94E-03	0.00E+00	0.00E+00	5.38E-12	1.04E-10	7.43E-04	0.00E+00	0.00E+00	0.00E+00	2.70E-07	1.07E+02	4.28E+00	0.00E+00	4.68E-10	1.57E+08	2.51E-03	7.65E-06	5.68E-03	0.00E+00	4.28E+00	1.20E+08	4.28E+00	4.28E+00	6.68E-03	0.00E+00	0.00E+00	0.00E+00	1.16E-03	
	B04086	2.04E-03	3.01E-01	0.00E+00	3.01E-01	0.00E+00	0.00E+00	1.98E-01	1.13E-07	8.95E-04	9.82E-03	0.00E+00	0.00E+00	5.30E-12	1.03E-10	7.34E-04	0.00E+00	0.00E+00	0.00E+00	2.67E-05	1.08E+02	4.21E+00	0.00E+00	4.62E-10	1.55E+08	2.48E-03	7.54E-06	5.61E-03	0.00E+00	4.21E+00	1.19E+08	4.21E+00	4.21E+00	5.61E-03	0.00E+00	0.00E+00	0.00E+00	1.15E-03	
	B04089	3.47E-03	5.48E-01	0.00E+00	5.48E-01	0.00E+00	0.00E+00	3.59E-01	2.06E-07	1.63E-03	1.79E-02	0.00E+00	0.00E+00	9.64E-12	1.96E-10	1.34E-03	0.00E+00	0.00E+00	0.00E+00	4.85E-05	1.93E+02	7.65E+00	0.00E+00	8.41E-10	2.82E+08	4.50E-03	1.37E-05	1.02E-02	0.00E+00	7.65E+00	2.16E+08	7.65E+00	7.66E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00	2.08E-03	
	B04090	4.80E-03	7.56E-01	0.00E+00	7.56E-01	0.00E+00	0.00E+00	4.96E-01	2.84E-07	2.25E-03	2.47E-02	0.00E+00	0.00E+00	1.39E-11	2.57E-10	1.84E-03	0.00E+00	0.00E+00	0.00E+00	6.70E-05	2.66E+02	1.06E+01	0.00E+00	1.16E-09	3.90E+08	8.22E-03	1.89E-05	1.41E-02	0.00E+00	1.06E+01	2.98E+08	1.06E+01	1.06E+01	4.14E-02	0.00E+00	0.00E+00	0.00E+00	2.88E-03	
	B04911	1.61E-04	2.53E-02	0.00E+00	2.53E-02	0.00E+00	0.00E+00	1.68E-02	9.47E-09	7.48E-05	8.23E-04	0.00E+00	0.00E+00	4.43E-13	8.62E-12	6.15E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-06	8.86E-04	3.53E-01	0.00E+00	3.88E-11	1.30E+09	2.08E-04	6.30E-07	4.72E-04	0.00E+00	3.53E-01	9.93E-10	3.53E-01	3.53E-01	4.72E-04	0.00E+00	0.00E+00	0.00E+00	9.58E-05	
	B04912	1.64E-04	2.57E-02	0.00E+00	2.57E-02	0.00E+00	0.00E+00	1.69E-02	9.65E-09	7.67E-05	8.39E-04	0.00E+00	0.00E+00	4.52E-13	8.75E-12	6.27E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	9.05E-04	3.60E-01	0.00E+00	3.95E-11	1.33E+09	2.11E-04	6.45E-07	4.80E-04	0.00E+00	3.60E-01	1.07E-09	3.60E-01	3.58E-01	4.80E-04	0.00E+00	0.00E+00	0.00E+00	9.80E-05	
	B04917	1.15E-03	1.71E-01	0.00E+00	1.71E-01	0.00E+00	0.00E+00	1.12E-01	6.41E-08	5.08E-04	5.57E-03	0.00E+00	0.00E+00	4.05E-12	5.81E-11	4.67E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-05	6.01E+00	2.36E+00	0.00E+00	2.42E-10	8.81E+08	1.40E-03	4.28E-06	3.18E-03	0.00E+00	2.36E+00	6.73E+08	2.36E+00	2.36E+00	3.18E-03	0.00E+00	0.00E+00	0.00E+00	6.49E-04	
	B04918	1.56E-03	2.30E-01	0.00E+00	2.30E-01	0.00E+00	0.00E+00	1.51E-01	8.60E-08	6.84E-04	7.51E-03	0.00E+00	0.00E+00	4.05E-12	7.84E-11	5.61E-04	0.00E+00	0.00E+00	0.00E+00	2.04E-05	8.09E+00	3.22E+00	0.00E+00	3.53E-10	1.19E+08	1.89E-03	4.29E-06	3.08E+00	3.22E+00	9.07E+08	3.22E+00	3.22E+00	3.22E+00	3.22E+00	3.22E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-04
	B04919	1.89E-03	2.80E-01	0.00E+00	2.80E-01	0.00E+00	0.00E+00	1.83E-01	1.05E-07	8.31E-04	9.12E-03	0.00E+00	0.00E+00	4.92E-12	9.52E-11	6.82E-04	0.00E+00	0.00E+00	0.00E+00	2.48E-05	9.83E+00	3.91E+00	0.00E+00	4.29E-10	1.44E+08	2.30E-03	7.00E-06	5.21E-03	0.00E+00	3.91E+00	1.10E+08	3.91E+00	3.91E+00	5.21E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-03	
	B04925	6.17E-04	9.75E-02	0.00E+00	9.75E-02	0.00E+00	0.00E+00	6.49E-02	3.65E-08	2.90E-04	3.18E-03	0.00E+00	0.00E+00	1.71E-13	3.33E-11	2.38E-04	0.00E+00	0.00E+00	0.00E+00	8.65E-06	3.43E-03	1.36E+00	0.00E+00	1.50E-10	5.02E+08	8.01E-04	2.43E-06	1.82E-03	0.00E+00	1.36E+00	3.84E+08	1.36E+00	1.36E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	3.70E-04	
	B04926	7.44E-04	1.12E-01	0.00E+00	1.12E-01	0.00E+00	0.00E+00	7.37E-02	4.22E-08	3.34E-04	3.66E-03	0.00E+00	0.00E+00	1.98E-12	3.82E-11	2.74E-04	0.00E+00	0.00E+00	0.00E+00	9.94E-06	3.95E-03	1.57E+00	0.00E+00	1.72E-10	5.79E+08	9.24E-04	2.81E-06	2.09E-03	0.00E+00	1.57E+00	4.43E+08	1.57E+00	1.57E+00	2.09					

B08704	2.44E-03	3.81E-01	0.00E+00	3.81E-01	0.00E+00	0.00E+00	2.50E-01	1.43E-07	1.13E-03	1.24E-02	0.00E+00	0.00E+00	6.70E-12	1.30E-10	9.28E-04	0.00E+00	0.00E+00	0.00E+00	3.37E-05	1.34E-02	5.32E+00	0.00E+00	5.84E-10	1.94E-08	3.13E-03	9.53E-06	7.10E-03	0.00E+00	5.32E+00	1.50E-08	5.32E+00	5.32E+00	7.10E-03	0.00E+00	0.00E+00	0.00E+00	1.46E-03
B08705	2.44E-03	3.84E-01	0.00E+00	3.84E-01	0.00E+00	0.00E+00	2.52E-01	1.44E-07	1.14E-03	1.25E-02	0.00E+00	0.00E+00	6.75E-12	1.31E-10	9.36E-04	0.00E+00	0.00E+00	0.00E+00	3.40E-05	1.35E-02	5.36E+00	0.00E+00	5.86E-10	1.96E-08	3.15E-03	9.60E-06	7.15E-03	0.00E+00	5.36E+00	1.51E-08	5.36E+00	5.37E+00	7.15E-03	0.00E+00	0.00E+00	0.00E+00	1.46E-03
B08712	2.51E-04	3.87E-02	0.00E+00	3.87E-02	0.00E+00	0.00E+00	2.54E-02	1.45E-08	1.15E-04	1.26E-03	0.00E+00	0.00E+00	6.81E-13	1.32E-11	9.44E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	1.36E-03	5.41E-01	0.00E+00	5.94E-11	2.00E-09	3.18E-04	9.68E-07	7.22E-04	0.00E+00	5.41E-01	1.53E-09	5.41E-01	5.41E-01	7.22E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
B08716	2.49E-04	3.84E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	2.52E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.78E-13	1.31E-11	9.38E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	1.35E-03	5.36E-01	0.00E+00	5.89E-11	1.98E-09	3.16E-04	9.61E-07	7.16E-04	0.00E+00	5.36E-01	1.51E-09	5.36E-01	5.37E-01	7.16E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
FV22A	1.05E-02	1.62E+00	0.00E+00	1.62E+00	0.00E+00	0.00E+00	1.06E+00	6.06E-07	4.80E-03	5.25E-02	0.00E+00	0.00E+00	2.84E-11	5.52E-10	3.94E-03	0.00E+00	0.00E+00	0.00E+00	1.43E-04	5.70E-02	2.27E+01	0.00E+00	2.48E-09	8.29E-08	1.32E-02	4.04E-05	3.00E-02	0.00E+00	2.27E+01	6.35E-08	2.27E+01	2.27E+01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	6.19E-03
FV32A	1.05E-02	1.62E+00	0.00E+00	1.62E+00	0.00E+00	0.00E+00	1.06E+00	6.06E-07	4.80E-03	5.25E-02	0.00E+00	0.00E+00	2.84E-11	5.52E-10	3.94E-03	0.00E+00	0.00E+00	0.00E+00	1.43E-04	5.70E-02	2.27E+01	0.00E+00	2.48E-09	8.29E-08	1.32E-02	4.04E-05	3.00E-02	0.00E+00	2.27E+01	6.35E-08	2.27E+01	2.27E+01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	6.19E-03
FV62A	1.05E-02	1.62E+00	0.00E+00	1.62E+00	0.00E+00	0.00E+00	1.06E+00	6.06E-07	4.80E-03	5.25E-02	0.00E+00	0.00E+00	2.84E-11	5.52E-10	3.94E-03	0.00E+00	0.00E+00	0.00E+00	1.43E-04	5.70E-02	2.27E+01	0.00E+00	2.48E-09	8.29E-08	1.32E-02	4.04E-05	3.00E-02	0.00E+00	2.27E+01	6.35E-08	2.27E+01	2.27E+01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	6.19E-03
FV72A	1.05E-02	1.62E+00	0.00E+00	1.62E+00	0.00E+00	0.00E+00	1.06E+00	6.06E-07	4.80E-03	5.25E-02	0.00E+00	0.00E+00	2.84E-11	5.52E-10	3.94E-03	0.00E+00	0.00E+00	0.00E+00	1.43E-04	5.70E-02	2.27E+01	0.00E+00	2.48E-09	8.29E-08	1.32E-02	4.04E-05	3.00E-02	0.00E+00	2.27E+01	6.35E-08	2.27E+01	2.27E+01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	6.19E-03
GA01A	5.96E-04	9.40E-02	0.00E+00	9.40E-02	0.00E+00	0.00E+00	6.16E-02	3.53E-08	2.79E-04	3.06E-03	0.00E+00	0.00E+00	1.65E-12	3.20E-11	2.29E-04	0.00E+00	0.00E+00	0.00E+00	8.32E-06	3.30E-03	1.31E+00	0.00E+00	1.44E-10	4.85E-09	7.73E-04	2.35E-06	1.75E-03	0.00E+00	1.31E+00	3.70E-09	1.31E+00	1.31E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	3.57E-04
GA01B	6.48E-04	1.02E-01	0.00E+00	1.02E-01	0.00E+00	0.00E+00	6.68E-02	3.83E-08	3.03E-04	3.32E-03	0.00E+00	0.00E+00	1.79E-12	3.47E-11	2.49E-04	0.00E+00	0.00E+00	0.00E+00	9.02E-06	3.58E-03	1.42E+00	0.00E+00	1.56E-10	5.20E-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	3.87E-04
GA055N	9.23E-04	1.46E-01	0.00E+00	1.46E-01	0.00E+00	0.00E+00	9.55E-02	5.47E-08	4.33E-04	4.75E-03	0.00E+00	0.00E+00	2.56E-12	4.95E-11	3.55E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-05	5.12E-03	2.05E+00	0.00E+00	2.23E-10	7.51E-09	1.20E-03	3.64E-06	2.71E-03	0.00E+00	2.05E+00	5.74E-09	2.05E+00	2.04E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	5.53E-04
GD018E	2.11E-03	3.29E-01	0.00E+00	3.29E-01	0.00E+00	0.00E+00	2.16E-01	1.24E-07	9.79E-04	1.07E-02	0.00E+00	0.00E+00	5.89E-12	1.12E-10	8.04E-04	0.00E+00	0.00E+00	0.00E+00	2.92E-05	1.16E-02	4.69E+00	0.00E+00	5.06E-10	1.70E-08	2.71E-03	8.25E-06	6.14E-03	0.00E+00	4.69E+00	1.30E-08	4.69E+00	4.61E+00	6.14E-03	0.00E+00	0.00E+00	0.00E+00	1.25E-03
GD102A	1.59E-04	2.35E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.54E-02	8.84E-09	6.99E-05	7.67E-04	0.00E+00	0.00E+00	4.14E-13	8.01E-12	5.74E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	8.27E-04	3.29E-01	0.00E+00	3.61E-11	1.21E-09	1.94E-04	5.89E-07	4.39E-04	0.00E+00	3.29E-01	9.27E-10	3.29E-01	3.29E-01	4.39E-04	0.00E+00	0.00E+00	0.00E+00	8.95E-05
GD102B	1.59E-04	2.35E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.54E-02	8.84E-09	6.99E-05	7.67E-04	0.00E+00	0.00E+00	4.14E-13	8.01E-12	5.74E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	8.27E-04	3.29E-01	0.00E+00	3.61E-11	1.21E-09	1.94E-04	5.89E-07	4.39E-04	0.00E+00	3.29E-01	9.27E-10	3.29E-01	3.29E-01	4.39E-04	0.00E+00	0.00E+00	0.00E+00	8.95E-05
GD102E	1.55E-04	2.30E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.51E-02	8.64E-09	6.84E-05	7.50E-04	0.00E+00	0.00E+00	4.05E-13	7.83E-12	5.61E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	8.08E-04	3.21E-01	0.00E+00	3.53E-11	1.19E-09	1.86E-04	5.76E-07	4.29E-04	0.00E+00	3.21E-01	9.07E-10	3.21E-01	3.21E-01	4.29E-04	0.00E+00	0.00E+00	0.00E+00	8.75E-05
GD102N	1.59E-04	2.35E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.54E-02	8.84E-09	6.99E-05	7.67E-04	0.00E+00	0.00E+00	4.14E-13	8.01E-12	5.74E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	8.27E-04	3.29E-01	0.00E+00	3.61E-11	1.21E-09	1.94E-04	5.89E-07	4.39E-04	0.00E+00	3.29E-01	9.27E-10	3.29E-01	3.29E-01	4.39E-04	0.00E+00	0.00E+00	0.00E+00	8.95E-05
GD102T	6.05E-05	1.28E-02	0.00E+00	1.28E-02	0.00E+00	0.00E+00	6.28E-05	4.86E-09	3.76E-05	4.13E-04	0.00E+00	0.00E+00	2.23E-13	4.33E-12	3.13E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-06	4.50E-04	1.77E-01	0.00E+00	1.96E-11	6.55E-10	1.04E-04	3.15E-07	2.36E-04	0.00E+00	1.77E-01	6.00E-10	1.77E-01	1.77E-01	2.36E-04	0.00E+00	0.00E+00	0.00E+00	4.60E-05
GD104E	3.34E-04	5.27E-02	0.00E+00	5.27E-02	0.00E+00	0.00E+00	3.45E-02	1.98E-08	1.57E-04	1.72E-03	0.00E+00	0.00E+00	9.27E-13	1.79E-11	1.28E-04	0.00E+00	0.00E+00	0.00E+00	4.66E-06	1.85E-03	7.36E-01	0.00E+00	8.08E-11	2.72E-09	4.33E-04	1.33E-06	9.82E-04	0.00E+00	7.36E-01	2.08E-09	7.36E-01	7.37E-01	9.82E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
GD104T	1.45E-04	2.27E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.49E-02	8.52E-09	6.77E-05	7.41E-04	0.00E+00	0.00E+00	3.96E-13	7.73E-12	5.53E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	7.99E-04	3.18E-01	0.00E+00	3.49E-11	1.17E-09	1.87E-04	5.89E-07	4.24E-04	0.00E+00	3.18E-01	8.95E-10	3.18E-01	3.17E-01	4.24E-04	0.00E+00	0.00E+00	0.00E+00	8.65E-05
GD106A	3.31E-04	5.54E-02	0.00E+00	5.54E-02	0.00E+00	0.00E+00	3.63E-02	2.00E-08	1.63E-04	1.81E-03	0.00E+00	0.00E+00	9.72E-13	1.89E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.90E-06	1.95E-03	7.74E-01	0.00E+00	8.50E-11	2.98E-09	4.58E-04	1.39E-06	1.03E-03	0.00E+00	7.74E-01	2.16E-09	7.74E-01	7.75E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
GD106B	3.58E-04	5.65E-02	0.00E+00	5.65E-02	0.00E+00	0.00E+00	3.76E-02	2.12E-08	1.68E-04	1.84E-03	0.00E+00	0.00E+00	9.75E-13	1.92E-11	1.38E-04	0.00E+00	0.00E+00	0.00E+00	5.00E-06	1.98E-03	7.86E-01	0.00E+00	8.67E-11	3.01E-09	4.64E-04	1.41E-06	1.05E-03	0.00E+00	7.86E-01	2.23E-09	7.86E-01	7.90E-01	1.05E-03	0.00E+00	0.00E+00	0.00E+00	2.15E-04
GD106E	3.51E-04	5.54E-02	0.00E+00	5.54E-02	0.00E+00	0.00E+00	3.63E-02	2.00E-08	1.65E-04	1.81E-03	0.00E+00	0.00E+00	9.75E-13	1.89E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.90E-06	1.95E-03	7.74E-01	0.00E+00	8.50E-11	2.98E-09	4.58E-04	1.39E-06	1.03E-03	0.00E+00	7.74E-01	2.16E-09	7.74E-01	7.75E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
GD106N	3.69E-04	5.62E-02	0.00E+00	5.62E-02	0.00E+00	0.00E+00	3.82E-02	2.19E-08	1.73E-04	1.90E-03	0.00E+00	0.00E+00	1.02E-12	1.98E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.15E-06	2.05E-03	8.13E-01	0.00E+00	8.93E-11	3.00E-09	4.79E-04	1.46E-06	1.08E-03	0.00E+00	8.13E-01	2.29E-09	8.13E-01	8.14E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04
GD106Y	3.55E-04	5.57E-02	0.00E+00	5.57E-02	0.00E+00	0.00E+00	3.65E-02	2.09E-08	1.66E-04	1.82E-03	0.00E+00	0.00E+00	9.80E-13	1.90E-11	1.36E-04	0.00E+00	0.00E+00	0.00E+00	4.93E-06	1.96E-03	7.78E-01	0.00E+00	8.55E-11	2.87E-09	4.56E-04	1.39E-06	1.04E-03	0.00E+00	7.78E-01	2.20E-09	7.78E-01	7.79E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04
GD108A	4.28E-04	6.78E-02	0.00E+00	6.78E-02	0.00E+00	0.00E+00	4.43E-02	2.54E-08	2.01E-04	2.20E-03	0.00E+00	0.00E+00	1.19E-12	2.30E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	5.98E-06	2.37E-03	9.44E-01	0.00E+00	1.04E-10	3.48E-09	5.56E-04	1.69E-06	1.26E-03	0.00E+00	9.44E-01	2.66E-09	9.44E-01	9.45E-01	1.26E-03	0.00E+00</			

GD418B	3.66E-03	5.78E-01	0.00E+00	5.78E-01	0.00E+00	0.00E+00	2.17E-07	1.72E-03	1.88E-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	5.11E-05	2.03E-02	8.07E+00	0.00E+00	8.87E-10	2.98E-08	4.75E-03	1.45E-05	1.08E-02	0.00E+00	8.07E+00	2.28E-08	8.07E+00	8.08E+00	1.08E-02	0.00E+00	0.00E+00	2.30E-03	
GD418M	3.44E-03	5.46E-01	0.00E+00	5.46E-01	0.00E+00	0.00E+00	3.58E-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	4.83E-05	1.92E-02	7.62E+00	0.00E+00	8.38E-10	2.81E-08	4.49E-03	1.37E-05	1.02E-02	0.00E+00	7.62E+00	2.15E-08	7.62E+00	7.63E+00	1.02E-02	0.00E+00	0.00E+00	2.07E-03
GD418S	3.48E-03	5.14E-01	0.00E+00	5.14E-01	0.00E+00	0.00E+00	3.37E-01	1.93E-07	1.53E-03	1.68E-02	0.00E+00	0.00E+00	9.05E-12	1.75E-10	1.25E-03	0.00E+00	0.00E+00	0.00E+00	4.55E-05	1.81E-02	7.18E+00	0.00E+00	7.89E-10	2.65E-08	4.23E-03	1.29E-05	9.99E-03	0.00E+00	7.18E+00	2.03E-08	7.18E+00	7.19E+00	9.99E-03	0.00E+00	0.00E+00	1.96E-03
GD418SMB	2.76E-03	4.36E-01	0.00E+00	4.36E-01	0.00E+00	0.00E+00	2.88E-01	1.64E-07	1.29E-03	1.42E-02	0.00E+00	0.00E+00	7.68E-12	1.48E-10	1.09E-03	0.00E+00	0.00E+00	0.00E+00	3.86E-05	1.53E-02	6.09E+00	0.00E+00	6.69E-10	2.25E-08	3.58E-03	1.09E-05	8.13E-03	0.00E+00	6.09E+00	1.72E-08	6.09E+00	6.09E+00	1.13E-03	0.00E+00	0.00E+00	1.66E-03
GL24PP	2.87E-03	4.50E-01	0.00E+00	4.50E-01	0.00E+00	0.00E+00	2.95E-01	1.69E-07	1.34E-03	1.47E-02	0.00E+00	0.00E+00	7.91E-12	1.53E-10	1.10E-03	0.00E+00	0.00E+00	0.00E+00	3.98E-05	1.58E-02	6.29E+00	0.00E+00	6.91E-10	2.32E-08	3.70E-03	1.13E-05	8.38E-03	0.00E+00	6.29E+00	1.77E-08	6.29E+00	6.29E+00	1.38E-03	0.00E+00	0.00E+00	1.71E-03
GL24TP	3.09E-03	4.87E-01	0.00E+00	4.87E-01	0.00E+00	0.00E+00	3.20E-01	1.83E-07	1.45E-03	1.59E-02	0.00E+00	0.00E+00	8.58E-12	1.66E-10	1.19E-03	0.00E+00	0.00E+00	0.00E+00	4.31E-05	1.71E-02	6.81E+00	0.00E+00	7.48E-10	2.51E-08	4.01E-03	1.22E-05	9.09E-03	0.00E+00	6.81E+00	1.92E-08	6.81E+00	6.81E+00	9.09E-03	0.00E+00	0.00E+00	1.85E-03
GL42PP	4.02E-03	6.34E-01	0.00E+00	6.34E-01	0.00E+00	0.00E+00	4.16E-01	2.39E-07	1.88E-03	2.07E-02	0.00E+00	0.00E+00	1.12E-11	2.16E-10	1.55E-03	0.00E+00	0.00E+00	0.00E+00	5.61E-05	2.23E-02	8.82E+00	0.00E+00	9.73E-10	3.37E-08	5.21E-03	1.59E-05	1.19E-02	0.00E+00	8.82E+00	2.50E-08	8.82E+00	8.87E+00	1.19E-02	0.00E+00	0.00E+00	2.41E-03
GL42TP	4.30E-03	6.78E-01	0.00E+00	6.78E-01	0.00E+00	0.00E+00	4.45E-01	2.58E-07	2.00E-03	2.18E-02	0.00E+00	0.00E+00	1.18E-11	2.29E-10	1.64E-03	0.00E+00	0.00E+00	0.00E+00	5.96E-05	2.37E-02	9.41E+00	0.00E+00	1.02E-10	3.47E-08	5.54E-03	1.68E-05	1.25E-02	0.00E+00	9.41E+00	2.68E-08	9.41E+00	9.42E+00	1.25E-02	0.00E+00	0.00E+00	2.58E-03
GP102P	2.43E-05	3.84E-03	0.00E+00	3.84E-03	0.00E+00	0.00E+00	2.52E-03	1.44E-09	1.14E-05	1.25E-04	0.00E+00	0.00E+00	1.41E-14	1.31E-12	9.36E-06	0.00E+00	0.00E+00	0.00E+00	3.40E-07	1.35E-04	5.36E-02	0.00E+00	5.89E-12	1.98E-10	3.16E-05	9.60E-08	7.15E-05	0.00E+00	5.36E-02	1.51E-10	5.36E-02	1.75E-05	0.00E+00	0.00E+00	1.48E-05	
GP104T	4.80E-05	7.56E-03	0.00E+00	7.56E-03	0.00E+00	0.00E+00	4.96E-03	2.84E-09	2.25E-05	2.47E-04	0.00E+00	0.00E+00	1.32E-13	2.57E-12	1.84E-05	0.00E+00	0.00E+00	0.00E+00	6.99E-07	2.64E-04	1.06E-07	0.00E+00	1.16E-11	3.90E-10	6.22E-05	1.89E-07	1.41E-04	0.00E+00	1.06E-07	2.98E-15	1.06E-07	1.41E-04	0.00E+00	0.00E+00	2.88E-05	
GP108T	7.62E-05	1.21E-02	0.00E+00	1.21E-02	0.00E+00	0.00E+00	7.84E-03	4.61E-09	3.58E-05	3.90E-04	0.00E+00	0.00E+00	2.11E-13	4.10E-12	2.96E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-04	4.26E-04	1.88E-09	0.00E+00	1.85E-11	6.20E-10	9.84E-05	2.99E-07	2.24E-04	0.00E+00	1.88E-09	4.73E-10	1.88E-09	1.88E-09	2.24E-04	0.00E+00	0.00E+00	4.54E-05
GP110T	8.66E-05	1.38E-02	0.00E+00	1.38E-02	0.00E+00	0.00E+00	8.03E-03	5.22E-09	4.10E-05	4.48E-04	0.00E+00	0.00E+00	2.43E-13	4.69E-12	3.37E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-04	4.86E-04	1.93E-09	0.00E+00	2.10E-11	7.11E-10	1.13E-04	3.44E-07	2.98E-04	0.00E+00	1.93E-09	5.44E-10	1.93E-09	1.94E-09	2.98E-04	0.00E+00	0.00E+00	5.21E-05
GP111T	6.23E-04	9.75E-02	0.00E+00	9.75E-02	0.00E+00	0.00E+00	6.39E-02	3.66E-08	2.90E-04	3.16E-03	0.00E+00	0.00E+00	1.72E-12	3.20E-11	2.38E-04	0.00E+00	0.00E+00	0.00E+00	8.03E-06	3.43E-03	1.36E+00	0.00E+00	1.50E-10	5.03E-09	8.02E-04	2.44E-06	1.82E-03	0.00E+00	1.36E+00	3.84E-09	1.36E+00	1.36E+00	1.82E-03	0.00E+00	0.00E+00	3.71E-04
GP112PN	9.32E-04	1.47E-01	0.00E+00	1.47E-01	0.00E+00	0.00E+00	9.64E-02	5.52E-08	4.37E-04	4.79E-03	0.00E+00	0.00E+00	2.59E-12	5.02E-11	3.59E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-05	5.16E-03	2.02E+00	0.00E+00	1.66E-10	7.59E-09	1.21E-03	3.89E-06	2.74E-03	0.00E+00	2.02E+00	5.79E-09	2.02E+00	2.02E+00	2.74E-03	0.00E+00	0.00E+00	5.98E-04
GP112TN	6.86E-04	1.07E-01	0.00E+00	1.07E-01	0.00E+00	0.00E+00	7.02E-02	4.02E-08	3.18E-04	3.48E-03	0.00E+00	0.00E+00	1.88E-12	3.64E-11	2.61E-04	0.00E+00	0.00E+00	0.00E+00	9.47E-06	3.78E-03	1.48E+00	0.00E+00	1.64E-10	5.53E-09	8.81E-04	2.68E-06	1.99E-03	0.00E+00	1.48E+00	4.22E-04	1.48E+00	1.50E+00	1.99E-03	0.00E+00	0.00E+00	4.07E-04
GP113P	5.09E-04	8.03E-02	0.00E+00	8.03E-02	0.00E+00	0.00E+00	5.27E-02	3.02E-08	2.39E-04	2.62E-03	0.00E+00	0.00E+00	1.41E-12	2.73E-11	1.98E-04	0.00E+00	0.00E+00	0.00E+00	7.11E-06	2.82E-03	1.12E+00	0.00E+00	1.23E-10	4.14E-09	6.60E-04	2.01E-06	1.50E-03	0.00E+00	1.12E+00	3.17E-09	1.12E+00	1.12E+00	1.50E-03	0.00E+00	0.00E+00	3.05E-04
GP113T	3.82E-04	5.76E-02	0.00E+00	5.76E-02	0.00E+00	0.00E+00	3.78E-02	2.17E-08	1.71E-04	1.88E-03	0.00E+00	0.00E+00	1.01E-12	1.96E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.10E-06	2.03E-03	8.04E-07	0.00E+00	8.83E-11	2.97E-09	4.73E-04	1.44E-06	1.07E-03	0.00E+00	8.04E-07	2.27E-09	8.04E-07	8.05E-07	1.07E-03	0.00E+00	0.00E+00	2.19E-04
GP213P	8.86E-04	1.08E-01	0.00E+00	1.08E-01	0.00E+00	0.00E+00	7.10E-02	4.06E-08	3.22E-04	3.53E-03	0.00E+00	0.00E+00	1.96E-12	3.88E-11	2.64E-04	0.00E+00	0.00E+00	0.00E+00	9.95E-06	3.80E-03	1.51E+00	0.00E+00	1.68E-10	5.98E-09	9.90E-04	2.71E-06	2.02E-03	0.00E+00	1.51E+00	4.27E-09	1.51E+00	1.51E+00	2.02E-03	0.00E+00	0.00E+00	4.11E-04
GP213T	5.90E-04	9.13E-02	0.00E+00	9.13E-02	0.00E+00	0.00E+00	5.98E-02	3.43E-08	2.71E-04	2.97E-03	0.00E+00	0.00E+00	1.61E-12	3.10E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.06E-06	3.21E-03	1.28E+00	0.00E+00	1.40E-10	4.71E-09	7.52E-04	2.29E-06	1.70E-03	0.00E+00	1.28E+00	3.60E-09	1.28E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	3.48E-04
GP218P	7.81E-04	1.20E-01	0.00E+00	1.20E-01	0.00E+00	0.00E+00	7.87E-02	4.51E-08	3.57E-04	3.91E-03	0.00E+00	0.00E+00	2.11E-12	4.08E-11	2.92E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-05	4.22E-03	1.88E+00	0.00E+00	1.84E-10	6.19E-09	9.87E-04	3.00E-06	2.24E-03	0.00E+00	1.88E+00	4.73E-09	1.88E+00	1.88E+00	2.24E-03	0.00E+00	0.00E+00	4.59E-04
GP218T	6.93E-04	1.08E-01	0.00E+00	1.08E-01	0.00E+00	0.00E+00	7.09E-02	4.06E-08	3.21E-04	3.53E-03	0.00E+00	0.00E+00	1.84E-12	3.68E-11	2.64E-04	0.00E+00	0.00E+00	0.00E+00	9.57E-06	3.80E-03	1.51E+00	0.00E+00	1.68E-10	5.97E-09	8.90E-04	2.71E-06	2.02E-03	0.00E+00	1.51E+00	4.26E-09	1.51E+00	1.51E+00	2.02E-03	0.00E+00	0.00E+00	4.11E-04
GP313P	8.78E-04	1.38E-01	0.00E+00	1.38E-01	0.00E+00	0.00E+00	9.02E-02	5.20E-08	4.11E-04	4.51E-03	0.00E+00	0.00E+00	2.44E-12	4.71E-11	3.38E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-05	4.86E-03	1.93E+00	0.00E+00	2.12E-10	7.14E-09	1.14E-03	3.48E-06	2.58E-03	0.00E+00	1.93E+00	5.46E-09	1.93E+00	1.94E+00	2.58E-03	0.00E+00	0.00E+00	5.28E-04
GP313T	7.37E-04	1.11E-01	0.00E+00	1.11E-01	0.00E+00	0.00E+00	7.29E-02	4.18E-08	3.30E-04	3.62E-03	0.00E+00	0.00E+00	1.96E-12	3.78E-11	2.71E-04	0.00E+00	0.00E+00	0.00E+00	9.84E-06	3.91E-03	1.55E+00	0.00E+00	1.71E-10	5.74E-09	9.14E-04	2.79E-06	2.07E-03	0.00E+00	1.55E+00	4.38E-09	1.55E+00	1.56E+00	2.07E-03	0.00E+00	0.00E+00	4.22E-04
GP318T	9.77E-04	1.47E-01	0.00E+00	1.47E-01	0.00E+00	0.00E+00	9.65E-02	5.53E-08	4.37E-04	4.82E-03	0.00E+00	0.00E+00	2.59E-12	5.01E-11	3.59E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-05	5.17E-03	2.02E+00	0.00E+00	2.28E-10	7.93E-09	1.21E-03	3.89E-06	2.74E-03	0.00E+00	2.02E+00	5.92E-09	2.02E+00	2.02E+00	2.74E-03	0.00E+00	0.00E+00	5.98E-04
GP413P	1.14E-03	1.79E-01	0.00E+00	1.79E-01	0.00E+00	0.00E+00	1.17E-01	6.72E-08	5.32E-04	5.84E-03	0.00E+00	0.00E+00	3.15E-12	6.09E-11	4.37E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-05	6.29E-03	2.59E+00	0.00E+00	2.75E-10	9.23E-09	1.47E-03	4.48E-06	3.34E-03	0.00E+00	2.59E+00	7.06E-09	2.59E+00	2.59E+00	3.34E-03	0.00E+00	0.00E+00	6.81E-04
GP418P	1.28E-03	2.02E-01	0.00E+00	2.02E-01	0.00E+00	0.00E+00	1.32E-01	7.58E-08	6.00E-04	6.58E-03	0.00E+00	0.00E+00	3.55E-12	6.87E-11	4.92E-04	0.00E+00	0.00E+00	0.00E+00	1.79E-05	7.09E-03	2.82E+00	0.00E+00	3.10E-10	1.04												

VA12DN	1.74E-03	2.74E-01	0.00E+00	2.74E-01	0.00E+00	0.00E+00	1.80E-01	1.03E-07	8.14E-04	8.93E-03	0.00E+00	0.00E+00	4.83E-12	9.33E-11	6.88E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-05	9.62E-03	9.83E-00	0.00E+00	4.21E-10	1.41E-08	2.25E-03	6.86E-06	5.10E-03	0.00E+00	3.83E-00	1.08E-08	3.83E-00	3.83E-00	5.10E-03	0.00E+00	0.00E+00	0.00E+00	1.94E-03
VA12E	1.23E-03	1.93E-01	0.00E+00	1.93E-01	0.00E+00	0.00E+00	1.27E-01	7.25E-05	5.74E-04	6.29E-03	0.00E+00	0.00E+00	3.40E-12	6.57E-11	4.71E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-05	8.79E-03	2.70E-00	0.00E+00	2.96E-10	9.96E-09	1.59E-03	4.83E-06	3.00E-03	0.00E+00	2.70E-00	7.62E-09	2.70E-00	2.70E-00	3.00E-03	0.00E+00	0.00E+00	0.00E+00	7.34E-04
VA12G	1.70E-03	2.68E-01	0.00E+00	2.68E-01	0.00E+00	0.00E+00	1.78E-01	1.01E-07	7.96E-04	8.74E-03	0.00E+00	0.00E+00	4.71E-12	9.12E-11	6.53E-04	0.00E+00	0.00E+00	0.00E+00	2.37E-05	9.42E-03	3.74E-00	0.00E+00	4.11E-10	1.38E-08	2.20E-03	6.71E-06	4.99E-03	0.00E+00	3.74E-00	1.06E-08	3.74E-00	3.74E-00	4.99E-03	0.00E+00	0.00E+00	0.00E+00	1.02E-03
VA12K	5.37E-04	8.43E-02	0.00E+00	8.43E-02	0.00E+00	0.00E+00	5.22E-02	3.17E-08	2.51E-04	2.75E-03	0.00E+00	0.00E+00	1.48E-12	2.87E-11	2.26E-04	0.00E+00	0.00E+00	0.00E+00	7.46E-04	2.98E-03	1.18E-00	0.00E+00	1.29E-10	4.35E-09	8.94E-04	2.11E-08	1.57E-03	0.00E+00	1.18E-00	3.32E-09	1.18E-00	1.18E-00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	3.22E-04
VA12N	1.83E-03	2.88E-01	0.00E+00	2.88E-01	0.00E+00	0.00E+00	1.89E-01	1.08E-07	8.55E-04	9.40E-03	0.00E+00	0.00E+00	5.07E-12	9.80E-11	7.02E-04	0.00E+00	0.00E+00	0.00E+00	2.55E-05	1.01E-02	4.02E-00	0.00E+00	4.42E-10	1.49E-08	3.27E-03	7.20E-06	5.36E-03	0.00E+00	4.02E-00	1.13E-08	4.02E-00	4.02E-00	5.36E-03	0.00E+00	0.00E+00	0.00E+00	1.09E-03
VA12NL	1.22E-03	1.92E-01	0.00E+00	1.92E-01	0.00E+00	0.00E+00	1.26E-01	7.20E-05	5.70E-04	6.25E-03	0.00E+00	0.00E+00	3.37E-12	6.53E-11	4.68E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-05	8.74E-03	2.68E-00	0.00E+00	2.94E-10	9.89E-09	1.58E-03	4.80E-06	3.07E-03	0.00E+00	2.68E-00	7.56E-09	2.68E-00	2.68E-00	3.07E-03	0.00E+00	0.00E+00	0.00E+00	7.29E-04
VA24A	2.50E-03	3.94E-01	0.00E+00	3.94E-01	0.00E+00	0.00E+00	2.58E-01	1.40E-07	1.17E-03	1.29E-02	0.00E+00	0.00E+00	6.94E-12	1.30E-11	9.61E-04	0.00E+00	0.00E+00	0.00E+00	3.49E-05	1.39E-02	5.51E-00	0.00E+00	6.05E-10	2.03E-08	3.24E-03	9.87E-06	7.39E-03	0.00E+00	5.51E-00	1.55E-08	5.51E-00	5.51E-00	7.39E-03	0.00E+00	0.00E+00	0.00E+00	1.50E-03
VA24B	1.72E-03	2.81E-01	0.00E+00	2.81E-01	0.00E+00	0.00E+00	1.78E-01	1.06E-07	8.05E-04	8.83E-03	0.00E+00	0.00E+00	4.77E-12	9.24E-11	6.60E-04	0.00E+00	0.00E+00	0.00E+00	2.40E-05	9.52E-03	3.76E-00	0.00E+00	4.36E-10	1.48E-08	2.23E-03	6.76E-06	5.06E-03	0.00E+00	3.76E-00	1.05E-08	3.76E-00	3.76E-00	5.06E-03	0.00E+00	0.00E+00	0.00E+00	1.03E-03
VA24BN	1.79E-03	2.83E-01	0.00E+00	2.83E-01	0.00E+00	0.00E+00	1.85E-01	1.06E-07	8.40E-04	9.22E-03	0.00E+00	0.00E+00	4.97E-12	9.62E-11	6.89E-04	0.00E+00	0.00E+00	0.00E+00	2.50E-05	9.93E-03	3.95E-00	0.00E+00	4.44E-10	1.48E-08	2.32E-03	7.07E-06	5.27E-03	0.00E+00	3.95E-00	1.11E-08	3.95E-00	3.95E-00	5.27E-03	0.00E+00	0.00E+00	0.00E+00	1.07E-03
VA24CN	1.88E-03	2.97E-01	0.00E+00	2.97E-01	0.00E+00	0.00E+00	1.95E-01	1.12E-07	8.83E-04	9.68E-03	0.00E+00	0.00E+00	5.22E-12	1.01E-11	7.24E-04	0.00E+00	0.00E+00	0.00E+00	2.63E-05	1.04E-02	4.15E-00	0.00E+00	4.56E-10	1.53E-08	2.44E-03	7.43E-06	5.53E-03	0.00E+00	4.15E-00	1.17E-08	4.15E-00	4.15E-00	5.53E-03	0.00E+00	0.00E+00	0.00E+00	1.13E-03
VA24D	2.45E-03	3.85E-01	0.00E+00	3.85E-01	0.00E+00	0.00E+00	2.52E-01	1.44E-07	1.14E-03	1.25E-02	0.00E+00	0.00E+00	6.77E-12	1.31E-11	9.38E-04	0.00E+00	0.00E+00	0.00E+00	3.41E-05	1.35E-02	5.37E-00	0.00E+00	5.91E-10	1.98E-08	3.16E-03	9.83E-06	7.17E-03	0.00E+00	5.37E-00	1.52E-08	5.37E-00	5.37E-00	7.17E-03	0.00E+00	0.00E+00	0.00E+00	1.46E-03
VA24DK	1.70E-03	2.68E-01	0.00E+00	2.68E-01	0.00E+00	0.00E+00	1.78E-01	1.01E-07	7.96E-04	8.74E-03	0.00E+00	0.00E+00	4.71E-12	9.12E-11	6.53E-04	0.00E+00	0.00E+00	0.00E+00	2.37E-05	9.42E-03	3.74E-00	0.00E+00	4.11E-10	1.38E-08	2.20E-03	6.71E-06	4.99E-03	0.00E+00	3.74E-00	1.06E-08	3.74E-00	3.74E-00	4.99E-03	0.00E+00	0.00E+00	0.00E+00	1.02E-03
VA24DN	2.45E-03	3.85E-01	0.00E+00	3.85E-01	0.00E+00	0.00E+00	2.52E-01	1.44E-07	1.14E-03	1.25E-02	0.00E+00	0.00E+00	6.77E-12	1.31E-11	9.38E-04	0.00E+00	0.00E+00	0.00E+00	3.41E-05	1.35E-02	5.37E-00	0.00E+00	5.91E-10	1.98E-08	3.16E-03	9.83E-06	7.17E-03	0.00E+00	5.37E-00	1.52E-08	5.37E-00	5.37E-00	7.17E-03	0.00E+00	0.00E+00	0.00E+00	1.46E-03
VA24E	1.72E-03	2.73E-01	0.00E+00	2.73E-01	0.00E+00	0.00E+00	1.78E-01	1.02E-07	8.12E-04	8.91E-03	0.00E+00	0.00E+00	4.81E-12	9.30E-11	6.62E-04	0.00E+00	0.00E+00	0.00E+00	2.42E-05	9.60E-03	3.82E-00	0.00E+00	4.19E-10	1.41E-08	2.25E-03	6.94E-06	5.09E-03	0.00E+00	3.82E-00	1.05E-08	3.82E-00	3.82E-00	5.09E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03
VA24G	2.36E-03	3.73E-01	0.00E+00	3.73E-01	0.00E+00	0.00E+00	2.44E-01	1.40E-07	1.11E-03	1.22E-02	0.00E+00	0.00E+00	6.58E-12	1.27E-11	9.00E-04	0.00E+00	0.00E+00	0.00E+00	3.30E-05	1.31E-02	5.21E-00	0.00E+00	5.72E-10	1.93E-08	3.07E-03	8.94E-06	6.96E-03	0.00E+00	5.21E-00	1.47E-08	5.21E-00	5.21E-00	6.96E-03	0.00E+00	0.00E+00	0.00E+00	1.42E-03
VA24K	7.46E-04	1.15E-01	0.00E+00	1.15E-01	0.00E+00	0.00E+00	7.55E-02	4.33E-08	3.42E-04	3.75E-03	0.00E+00	0.00E+00	2.03E-12	3.91E-11	2.81E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-05	4.05E-03	1.61E-00	0.00E+00	1.76E-10	5.94E-09	9.45E-04	2.88E-06	2.15E-03	0.00E+00	1.61E-00	4.53E-09	1.61E-00	1.61E-00	2.15E-03	0.00E+00	0.00E+00	0.00E+00	4.37E-04
VA24N	2.66E-03	4.20E-01	0.00E+00	4.20E-01	0.00E+00	0.00E+00	2.76E-01	1.58E-07	1.25E-03	1.37E-02	0.00E+00	0.00E+00	7.39E-12	1.43E-11	1.02E-03	0.00E+00	0.00E+00	0.00E+00	3.72E-05	1.48E-02	5.87E-00	0.00E+00	6.45E-10	2.17E-08	3.45E-03	1.05E-06	7.83E-03	0.00E+00	5.87E-00	1.66E-08	5.87E-00	5.87E-00	7.83E-03	0.00E+00	0.00E+00	0.00E+00	1.60E-03
VA24NL	1.71E-03	2.70E-01	0.00E+00	2.70E-01	0.00E+00	0.00E+00	1.77E-01	1.01E-07	8.02E-04	8.80E-03	0.00E+00	0.00E+00	4.75E-12	9.19E-11	6.58E-04	0.00E+00	0.00E+00	0.00E+00	2.39E-05	9.49E-03	3.77E-00	0.00E+00	4.44E-10	1.39E-08	2.22E-03	6.76E-06	5.03E-03	0.00E+00	3.77E-00	1.06E-08	3.77E-00	3.77E-00	5.03E-03	0.00E+00	0.00E+00	0.00E+00	1.03E-03
VA36APZ	3.32E-03	5.24E-01	0.00E+00	5.24E-01	0.00E+00	0.00E+00	3.44E-01	1.97E-07	1.56E-03	1.71E-02	0.00E+00	0.00E+00	9.23E-12	1.78E-11	1.28E-03	0.00E+00	0.00E+00	0.00E+00	4.84E-05	1.84E-02	7.32E-00	0.00E+00	8.04E-10	2.70E-08	4.31E-03	1.31E-06	9.77E-03	0.00E+00	7.32E-00	2.07E-08	7.32E-00	7.32E-00	9.77E-03	0.00E+00	0.00E+00	0.00E+00	1.99E-03
VA36CN	2.21E-03	3.49E-01	0.00E+00	3.49E-01	0.00E+00	0.00E+00	2.29E-01	1.31E-07	1.04E-03	1.14E-02	0.00E+00	0.00E+00	6.14E-12	1.19E-11	8.51E-04	0.00E+00	0.00E+00	0.00E+00	3.09E-05	1.22E-02	4.97E-00	0.00E+00	5.32E-10	1.90E-08	2.87E-03	8.72E-06	6.50E-03	0.00E+00	4.97E-00	1.38E-08	4.97E-00	4.97E-00	6.50E-03	0.00E+00	0.00E+00	0.00E+00	1.32E-03
VA36K	9.87E-04	1.51E-01	0.00E+00	1.51E-01	0.00E+00	0.00E+00	9.89E-02	5.66E-08	4.48E-04	4.92E-03	0.00E+00	0.00E+00	2.65E-12	5.14E-11	3.68E-04	0.00E+00	0.00E+00	0.00E+00	1.34E-05	5.03E-03	2.11E-00	0.00E+00	2.32E-10	7.79E-09	1.24E-03	3.76E-06	2.81E-03	0.00E+00	2.11E-00	5.82E-09	2.11E-00	2.11E-00	2.81E-03	0.00E+00	0.00E+00	0.00E+00	5.74E-04
VA36NW	3.79E-03	5.67E-01	0.00E+00	5.67E-01	0.00E+00	0.00E+00	3.92E-01	2.24E-07	1.78E-03	1.95E-02	0.00E+00	0.00E+00	1.05E-11	2.03E-11	1.46E-03	0.00E+00	0.00E+00	0.00E+00	5.29E-05	2.10E-02	8.34E-00	0.00E+00	9.17E-10	3.09E-08	4.91E-03	1.50E-05	1.11E-02	0.00E+00	8.34E-00	2.35E-08	8.34E-00	8.34E-00	1.11E-02	0.00E+00	0.00E+00	0.00E+00	2.74E-03
VA36NWB	3.14E-03	4.95E-01	0.00E+00	4.95E-01	0.00E+00	0.00E+00	3.24E-01	1.86E-07	1.47E-03	1.61E-02	0.00E+00	0.00E+00	8.70E-12	1.68E-11	1.21E-03	0.00E+00	0.00E+00	0.00E+00	4.38E-05	1.74E-02	6.91E-00	0.00E+00	7.59E-10	2.55E-08	4.07E-03	1.24E-05	9.22E-03	0.00E+00	6.91E-00	1.95E-08	6.91E-00	6.91E-00	9.22E-03	0.00E+00	0.00E+00	0.00E+00	1.88E-03
VA36NWP	4.68E-03	7.42E-01	0.00E+00	7.42E-01	0.00E+00	0.00E+00	4.82E-01	2.78E-07	2.22E-03	2.41E-02	0.00E+00	0.00E+00	1.33E-11	2.52E-11	1.82E-03	0.00E+00	0.00E+00	0.00E+00	6.55E-05	2.60E-02	1.03E-01	0.00E+00	1.14E-09	3.81E-08	6.06E-03	1.85E-05	1.38E-02	0.00E+00	1.03E-01	2.92E-08	1.03E-01	1.03E-01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	2.81E-03
VA36RM	2.56E-03	3.88E-01	0.00E+00	3.88E-01	0.00E+00	0.00E+00	2.54E-01	1.29E-07	1.15E-03	1.26E-02	0.00E+00	0.00E+00	6.82E-12	1.32E-11	9.48E-04	0.00E+00	0.00E+00	0.00E+00	3.43E-05	1.36E-02	5.42E-00	0.00E+00	5.95E-10	2.00E-08	3.19E-03	9.71E-06	7.23E-03	0.00E+00	5.42E-00	1.53E-08	5.42E-00	5.42E-00	7.23E-03	0.00E+00	0.00E+00		

VD101ND	8.09E-05	1.29E-02	0.00E+00	1.29E-02	0.00E+00	0.00E+00	8.33E-03	4.98E-09	3.80E-05	4.14E-04	0.00E+00	0.00E+00	2.24E-13	4.38E-12	3.14E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-06	4.52E-04	1.78E-01	0.00E+00	1.97E-11	6.59E-10	1.05E-04	3.18E-07	2.37E-04	0.00E+00	1.78E-01	5.03E-10	1.78E-01	1.78E-01	2.37E-04	0.00E+00	0.00E+00	0.00E+00	4.92E-05
VD101NT	9.35E-05	1.47E-02	0.00E+00	1.47E-02	0.00E+00	0.00E+00	9.67E-03	5.54E-09	4.38E-05	4.81E-04	0.00E+00	0.00E+00	2.59E-13	5.02E-12	3.59E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.18E-04	2.06E-01	0.00E+00	2.26E-11	7.60E-10	1.21E-04	3.69E-07	2.75E-04	0.00E+00	2.06E-01	5.81E-10	2.06E-01	2.06E-01	2.75E-04	0.00E+00	0.00E+00	0.00E+00	5.60E-05
VD102ND	1.16E-04	1.86E-02	0.00E+00	1.86E-02	0.00E+00	0.00E+00	1.22E-02	7.00E-09	5.48E-05	6.01E-04	0.00E+00	0.00E+00	3.27E-13	6.28E-12	4.51E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.44E-04	2.58E-01	0.00E+00	2.83E-11	9.54E-10	1.52E-04	4.65E-07	3.46E-04	0.00E+00	2.58E-01	7.27E-10	2.58E-01	2.81E-01	3.46E-04	0.00E+00	0.00E+00	0.00E+00	7.03E-05
VD102NE	1.17E-04	1.74E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.14E-02	6.53E-09	5.17E-05	5.67E-04	0.00E+00	0.00E+00	3.06E-13	5.92E-12	4.24E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.11E-04	2.43E-01	0.00E+00	2.67E-11	8.97E-10	1.43E-04	4.35E-07	3.24E-04	0.00E+00	2.43E-01	6.85E-10	2.43E-01	2.43E-01	3.24E-04	0.00E+00	0.00E+00	0.00E+00	6.61E-05
VD102NT	1.13E-04	1.78E-02	0.00E+00	1.78E-02	0.00E+00	0.00E+00	1.17E-02	6.69E-09	5.29E-05	5.81E-04	0.00E+00	0.00E+00	3.19E-13	6.06E-12	4.34E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.26E-04	2.49E-01	0.00E+00	2.73E-11	9.18E-10	1.46E-04	4.48E-07	3.32E-04	0.00E+00	2.49E-01	7.02E-10	2.49E-01	2.49E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.77E-05
VD104NE	1.55E-04	2.44E-02	0.00E+00	2.44E-02	0.00E+00	0.00E+00	1.60E-02	9.16E-09	7.25E-05	7.95E-04	0.00E+00	0.00E+00	4.29E-13	8.30E-12	5.99E-05	0.00E+00	0.00E+00	0.00E+00	2.19E-06	8.57E-04	3.41E-01	0.00E+00	3.74E-11	1.28E-09	2.00E-04	6.10E-07	4.54E-04	0.00E+00	3.41E-01	9.61E-10	3.41E-01	3.41E-01	4.54E-04	0.00E+00	0.00E+00	0.00E+00	9.27E-05
VD104NT	1.59E-04	2.51E-02	0.00E+00	2.51E-02	0.00E+00	0.00E+00	1.64E-02	9.21E-09	7.45E-05	8.17E-04	0.00E+00	0.00E+00	4.41E-13	8.50E-12	6.11E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-06	8.71E-04	3.50E-01	0.00E+00	3.85E-11	1.30E-09	2.05E-04	6.27E-07	4.67E-04	0.00E+00	3.50E-01	9.82E-10	3.50E-01	3.50E-01	4.67E-04	0.00E+00	0.00E+00	0.00E+00	9.53E-05
VD106NE	3.97E-04	6.88E-02	0.00E+00	6.88E-02	0.00E+00	0.00E+00	4.06E-02	2.41E-08	1.75E-04	1.98E-03	0.00E+00	0.00E+00	1.08E-12	2.05E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.07E-03	8.21E-01	0.00E+00	1.03E-10	3.93E-09	4.83E-04	1.47E-06	1.10E-03	0.00E+00	8.21E-01	3.93E-09	8.21E-01	8.21E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-04
VD106NP	4.25E-04	6.99E-02	0.00E+00	6.99E-02	0.00E+00	0.00E+00	4.39E-02	2.51E-08	1.99E-04	2.18E-03	0.00E+00	0.00E+00	1.18E-12	2.28E-11	1.63E-04	0.00E+00	0.00E+00	0.00E+00	5.92E-06	2.35E-03	9.34E-01	0.00E+00	1.03E-10	3.45E-09	5.50E-04	1.47E-06	1.25E-03	0.00E+00	9.34E-01	2.64E-09	9.34E-01	9.34E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.54E-04
VD106PD	4.34E-04	6.82E-02	0.00E+00	6.82E-02	0.00E+00	0.00E+00	4.48E-02	2.58E-08	2.03E-04	2.23E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.68E-04	0.00E+00	0.00E+00	0.00E+00	6.04E-06	2.40E-03	9.53E-01	0.00E+00	1.05E-10	3.52E-09	5.61E-04	1.71E-06	1.27E-03	0.00E+00	9.53E-01	2.69E-09	9.53E-01	9.53E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
VD106TD	4.34E-04	6.82E-02	0.00E+00	6.82E-02	0.00E+00	0.00E+00	4.48E-02	2.58E-08	2.03E-04	2.23E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.68E-04	0.00E+00	0.00E+00	0.00E+00	6.04E-06	2.40E-03	9.53E-01	0.00E+00	1.05E-10	3.52E-09	5.61E-04	1.71E-06	1.27E-03	0.00E+00	9.53E-01	2.69E-09	9.53E-01	9.53E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
VD106TF	3.76E-04	6.81E-02	0.00E+00	6.81E-02	0.00E+00	0.00E+00	3.81E-02	2.18E-08	1.73E-04	1.90E-03	0.00E+00	0.00E+00	1.02E-12	1.98E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.15E-06	2.04E-03	8.13E-01	0.00E+00	8.82E-11	3.00E-09	4.78E-04	1.45E-06	1.08E-03	0.00E+00	8.13E-01	2.29E-09	8.13E-01	8.13E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04
VD108NE	4.68E-04	6.93E-02	0.00E+00	6.93E-02	0.00E+00	0.00E+00	4.54E-02	2.60E-08	2.09E-04	2.26E-03	0.00E+00	0.00E+00	1.22E-12	2.36E-11	1.69E-04	0.00E+00	0.00E+00	0.00E+00	6.13E-06	2.43E-03	9.68E-01	0.00E+00	1.06E-10	3.57E-09	5.70E-04	1.73E-06	1.29E-03	0.00E+00	9.68E-01	2.73E-09	9.68E-01	9.68E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.63E-04
VD108NT	5.13E-04	7.92E-02	0.00E+00	7.92E-02	0.00E+00	0.00E+00	5.20E-02	2.99E-08	2.35E-04	2.58E-03	0.00E+00	0.00E+00	1.39E-12	2.70E-11	1.93E-04	0.00E+00	0.00E+00	0.00E+00	7.02E-06	2.78E-03	1.11E-01	0.00E+00	1.22E-10	4.09E-09	6.52E-04	1.99E-06	1.48E-03	0.00E+00	1.11E-01	3.12E-09	1.11E-01	1.11E-01	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.01E-04
VD108PD	5.57E-04	8.72E-02	0.00E+00	8.72E-02	0.00E+00	0.00E+00	5.72E-02	3.27E-08	2.59E-04	2.84E-03	0.00E+00	0.00E+00	1.53E-12	2.97E-11	2.13E-04	0.00E+00	0.00E+00	0.00E+00	7.72E-06	3.06E-03	1.22E-01	0.00E+00	1.34E-10	4.50E-09	7.17E-04	2.18E-06	1.63E-03	0.00E+00	1.22E-01	3.44E-09	1.22E-01	1.22E-01	1.63E-03	0.00E+00	0.00E+00	0.00E+00	3.32E-04
VD108PP	5.77E-04	8.97E-02	0.00E+00	8.97E-02	0.00E+00	0.00E+00	5.89E-02	3.37E-08	2.67E-04	2.93E-03	0.00E+00	0.00E+00	1.58E-12	3.06E-11	2.19E-04	0.00E+00	0.00E+00	0.00E+00	7.95E-06	3.15E-03	1.25E-01	0.00E+00	1.38E-10	4.63E-09	7.38E-04	2.25E-06	1.67E-03	0.00E+00	1.25E-01	3.54E-09	1.25E-01	1.25E-01	1.67E-03	0.00E+00	0.00E+00	0.00E+00	3.41E-04
VD108TD	5.58E-04	8.70E-02	0.00E+00	8.70E-02	0.00E+00	0.00E+00	5.70E-02	3.27E-08	2.59E-04	2.84E-03	0.00E+00	0.00E+00	1.53E-12	2.96E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.70E-06	3.06E-03	1.21E-01	0.00E+00	1.34E-10	4.49E-09	7.15E-04	2.18E-06	1.62E-03	0.00E+00	1.21E-01	3.43E-09	1.21E-01	1.21E-01	1.62E-03	0.00E+00	0.00E+00	0.00E+00	3.31E-04
VD108TF	5.57E-04	8.72E-02	0.00E+00	8.72E-02	0.00E+00	0.00E+00	5.72E-02	3.27E-08	2.59E-04	2.84E-03	0.00E+00	0.00E+00	1.53E-12	2.97E-11	2.13E-04	0.00E+00	0.00E+00	0.00E+00	7.72E-06	3.06E-03	1.22E-01	0.00E+00	1.34E-10	4.50E-09	7.17E-04	2.18E-06	1.63E-03	0.00E+00	1.22E-01	3.44E-09	1.22E-01	1.22E-01	1.63E-03	0.00E+00	0.00E+00	0.00E+00	3.32E-04
VD108TP	6.02E-04	8.91E-02	0.00E+00	8.91E-02	0.00E+00	0.00E+00	5.84E-02	3.35E-08	2.65E-04	2.90E-03	0.00E+00	0.00E+00	1.57E-12	3.03E-11	2.17E-04	0.00E+00	0.00E+00	0.00E+00	7.89E-06	3.13E-03	1.24E-01	0.00E+00	1.37E-10	4.59E-09	7.33E-04	2.23E-06	1.68E-03	0.00E+00	1.24E-01	3.51E-09	1.24E-01	1.24E-01	1.68E-03	0.00E+00	0.00E+00	0.00E+00	3.39E-04
VD110NE	5.38E-04	7.97E-02	0.00E+00	7.97E-02	0.00E+00	0.00E+00	5.22E-02	2.99E-08	2.37E-04	2.60E-03	0.00E+00	0.00E+00	1.40E-12	2.71E-11	1.94E-04	0.00E+00	0.00E+00	0.00E+00	7.05E-06	2.80E-03	1.11E-01	0.00E+00	1.22E-10	4.11E-09	6.55E-04	1.99E-06	1.49E-03	0.00E+00	1.11E-01	3.14E-09	1.11E-01	1.11E-01	1.49E-03	0.00E+00	0.00E+00	0.00E+00	3.03E-04
VD110NP	5.57E-04	8.72E-02	0.00E+00	8.72E-02	0.00E+00	0.00E+00	5.72E-02	3.27E-08	2.59E-04	2.84E-03	0.00E+00	0.00E+00	1.53E-12	2.97E-11	2.13E-04	0.00E+00	0.00E+00	0.00E+00	7.72E-06	3.06E-03	1.22E-01	0.00E+00	1.34E-10	4.50E-09	7.17E-04	2.18E-06	1.63E-03	0.00E+00	1.22E-01	3.44E-09	1.22E-01	1.22E-01	1.63E-03	0.00E+00	0.00E+00	0.00E+00	3.32E-04
VD110PD	6.19E-04	9.78E-02	0.00E+00	9.78E-02	0.00E+00	0.00E+00	6.42E-02	3.66E-08	2.91E-04	3.19E-03	0.00E+00	0.00E+00	1.72E-12	3.34E-11	2.39E-04	0.00E+00	0.00E+00	0.00E+00	8.84E-06	3.44E-03	1.37E-01	0.00E+00	1.50E-10	5.03E-09	8.03E-04	2.44E-06	1.83E-03	0.00E+00	1.37E-01	3.85E-09	1.37E-01	1.36E-01	1.83E-03	0.00E+00	0.00E+00	0.00E+00	3.71E-04
VD110PP	6.20E-04	9.80E-02	0.00E+00	9.80E-02	0.00E+00	0.00E+00	6.43E-02	3.67E-08	2.92E-04	3.20E-03	0.00E+00	0.00E+00	1.72E-12	3.34E-11	2.39E-04	0.00E+00	0.00E+00	0.00E+00	8.70E-06	3.44E-03	1.37E-01	0.00E+00	1.51E-10	5.04E-09	8.05E-04	2.45E-06	1.83E-03	0.00E+00	1.37E-01	3.86E-09	1.37E-01	1.37E-01	1.83E-03	0.00E+00	0.00E+00	0.00E+00	3.72E-04
VD110PT	7.75E-04	1.22E-01	0.00E+00	1.22E-01	0.00E+00	0.00E+00	8.01E-02	4.59E-08	3.63E-04	3.98E-03	0.00E+00	0.00E+00	2.15E-12	4.16E-11	2.98E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-05	4.29E-03	1.71E-01	0.00E+00	1.87E-10	6.30E-09	1.00E-03	3.09E-06	2.29E-03	0.00E+00	1.71E-01	4.82E-09	1.71E-01	1.71E-01	2.29E-03	0.00E+00	0.00E+00	0.00E+00	4.64E-04
VD110TD	6.20E-04	9.80E-02	0.00E+00	9.80E-02	0.00E+00	0.00E+00	6.43E-02	3.67E-08	2.92E-04	3.20E-03	0.00E+00	0.00E+00	1.72E-12	3.34E-11	2.39E-04	0.00E+00	0.00E+00	0.00E+00	8.70E-06	3.44E-03	1.37E-01	0.00E+00	1.51E-10	5.04E-09	8.05E-04	2.45E-06	1.83E-03	0.00E+00	1.37E-01	3.86E-09	1.37E-01	1.37E-01	1.83E-03	0.0			

VE106YN	817E-04	1.28E-01	0.00E+00	1.28E-01	0.00E+00	0.00E+00	8.17E-02	4.82E-08	3.81E-04	4.18E-03	0.00E+00	0.00E+00	2.26E-12	4.37E-11	3.13E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-05	4.51E-03	1.79E+00	0.00E+00	1.97E-10	6.82E-09	1.06E-03	3.21E-06	2.39E-03	0.00E+00	1.79E+00	5.06E-09	1.79E+00	1.79E+00	2.39E-03	0.00E+00	0.00E+00	0.00E+00	4.98E-04
VE110A	1.07E-03	1.69E-01	0.00E+00	1.69E-01	0.00E+00	0.00E+00	1.11E-01	6.38E-08	5.04E-04	5.53E-03	0.00E+00	0.00E+00	2.98E-12	5.77E-11	4.13E-04	0.00E+00	0.00E+00	0.00E+00	1.50E-05	5.96E-03	2.37E+00	0.00E+00	2.60E-10	8.74E-09	1.39E-03	4.24E-06	3.16E-03	0.00E+00	2.37E+00	6.68E-09	2.37E+00	2.37E+00	3.16E-03	0.00E+00	0.00E+00	0.00E+00	6.44E-04
VE110D	1.13E-03	1.71E-01	0.00E+00	1.71E-01	0.00E+00	0.00E+00	1.12E-01	6.43E-08	5.09E-04	5.58E-03	0.00E+00	0.00E+00	3.01E-12	5.83E-11	4.18E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-05	6.02E-03	2.39E+00	0.00E+00	2.63E-10	8.83E-09	1.41E-03	4.29E-06	3.19E-03	0.00E+00	2.39E+00	6.75E-09	2.39E+00	2.39E+00	3.19E-03	0.00E+00	0.00E+00	0.00E+00	6.51E-04
VE110E	9.87E-04	1.48E-01	0.00E+00	1.48E-01	0.00E+00	0.00E+00	9.70E-02	5.55E-08	4.42E-04	4.82E-03	0.00E+00	0.00E+00	2.60E-12	5.04E-11	3.61E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-05	5.19E-03	2.07E+00	0.00E+00	2.27E-10	7.83E-09	1.22E-03	3.79E-06	2.76E-03	0.00E+00	2.07E+00	5.83E-09	2.07E+00	2.07E+00	2.76E-03	0.00E+00	0.00E+00	0.00E+00	5.83E-04
VE110F	1.08E-03	1.60E-01	0.00E+00	1.60E-01	0.00E+00	0.00E+00	1.05E-01	6.03E-08	4.77E-04	5.23E-03	0.00E+00	0.00E+00	2.82E-12	5.46E-11	3.91E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-05	6.44E-03	2.34E+00	0.00E+00	2.46E-10	8.27E-09	1.32E-03	4.02E-06	2.99E-03	0.00E+00	2.34E+00	6.32E-09	2.34E+00	2.34E+00	2.99E-03	0.00E+00	0.00E+00	0.00E+00	6.19E-04
VE110G	9.85E-04	1.48E-01	0.00E+00	1.48E-01	0.00E+00	0.00E+00	9.69E-02	5.54E-08	4.39E-04	4.81E-03	0.00E+00	0.00E+00	2.62E-12	5.03E-11	3.60E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-05	5.19E-03	2.06E+00	0.00E+00	2.27E-10	7.81E-09	1.21E-03	3.69E-06	2.75E-03	0.00E+00	2.06E+00	5.82E-09	2.06E+00	2.06E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	5.62E-04
VE110H	1.40E-03	2.21E-01	0.00E+00	2.21E-01	0.00E+00	0.00E+00	1.45E-01	8.29E-08	6.55E-04	7.20E-03	0.00E+00	0.00E+00	3.88E-12	7.51E-11	5.38E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-05	7.59E-03	3.08E+00	0.00E+00	3.39E-10	1.14E-09	1.62E-03	5.52E-06	4.11E-03	0.00E+00	3.08E+00	8.70E-09	3.08E+00	3.08E+00	4.11E-03	0.00E+00	0.00E+00	0.00E+00	8.39E-04
VE110L	1.06E-03	1.67E-01	0.00E+00	1.67E-01	0.00E+00	0.00E+00	1.08E-01	6.35E-08	4.95E-04	5.43E-03	0.00E+00	0.00E+00	2.93E-12	5.61E-11	4.06E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-05	6.68E-03	2.35E+00	0.00E+00	2.59E-10	8.59E-09	1.37E-03	4.17E-06	3.11E-03	0.00E+00	2.35E+00	6.57E-09	2.35E+00	2.35E+00	3.11E-03	0.00E+00	0.00E+00	0.00E+00	6.34E-04
VE110M	1.10E-03	1.71E-01	0.00E+00	1.71E-01	0.00E+00	0.00E+00	1.12E-01	6.41E-08	5.08E-04	5.57E-03	0.00E+00	0.00E+00	3.01E-12	5.81E-11	4.16E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-05	6.08E-03	2.38E+00	0.00E+00	2.62E-10	8.81E-09	1.40E-03	4.27E-06	3.18E-03	0.00E+00	2.38E+00	6.75E-09	2.38E+00	2.38E+00	3.18E-03	0.00E+00	0.00E+00	0.00E+00	6.49E-04
VE110N	1.14E-03	1.78E-01	0.00E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-01	6.67E-08	5.28E-04	5.79E-03	0.00E+00	0.00E+00	3.12E-12	6.05E-11	4.33E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-05	6.24E-03	2.48E+00	0.00E+00	2.73E-10	9.19E-09	1.44E-03	4.44E-06	3.31E-03	0.00E+00	2.48E+00	7.30E-09	2.48E+00	2.48E+00	3.31E-03	0.00E+00	0.00E+00	0.00E+00	6.76E-04
VE110PN	1.12E-03	1.65E-01	0.00E+00	1.65E-01	0.00E+00	0.00E+00	1.08E-01	6.21E-08	4.92E-04	5.39E-03	0.00E+00	0.00E+00	2.91E-12	5.63E-11	4.03E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-05	6.81E-03	2.31E+00	0.00E+00	2.54E-10	8.53E-09	1.36E-03	4.14E-06	3.08E-03	0.00E+00	2.31E+00	6.52E-09	2.31E+00	2.31E+00	3.08E-03	0.00E+00	0.00E+00	0.00E+00	6.29E-04
VE110PVH	1.02E-03	1.51E-01	0.00E+00	1.51E-01	0.00E+00	0.00E+00	9.88E-02	5.69E-08	4.48E-04	4.91E-03	0.00E+00	0.00E+00	2.65E-12	5.13E-11	3.67E-04	0.00E+00	0.00E+00	0.00E+00	1.33E-05	5.29E-03	2.19E+00	0.00E+00	2.31E-10	7.77E-09	1.24E-03	3.77E-06	2.81E-03	0.00E+00	2.19E+00	5.94E-09	2.19E+00	2.19E+00	2.81E-03	0.00E+00	0.00E+00	0.00E+00	5.73E-04
VE110S	1.09E-03	1.72E-01	0.00E+00	1.72E-01	0.00E+00	0.00E+00	1.13E-01	6.44E-08	5.10E-04	5.59E-03	0.00E+00	0.00E+00	3.02E-12	5.84E-11	4.19E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-05	6.03E-03	2.40E+00	0.00E+00	2.63E-10	8.82E-09	1.41E-03	4.29E-06	3.20E-03	0.00E+00	2.40E+00	6.76E-09	2.40E+00	2.40E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	6.52E-04
VE110SN	1.14E-03	1.69E-01	0.00E+00	1.69E-01	0.00E+00	0.00E+00	1.11E-01	6.35E-08	5.02E-04	5.51E-03	0.00E+00	0.00E+00	2.98E-12	5.74E-11	4.12E-04	0.00E+00	0.00E+00	0.00E+00	1.50E-05	5.94E-03	2.36E+00	0.00E+00	2.62E-10	8.75E-09	1.39E-03	4.23E-06	3.15E-03	0.00E+00	2.36E+00	6.67E-09	2.36E+00	2.36E+00	3.15E-03	0.00E+00	0.00E+00	0.00E+00	6.43E-04
VE110U	1.17E-03	1.84E-01	0.00E+00	1.84E-01	0.00E+00	0.00E+00	1.12E-01	6.92E-08	5.48E-04	6.02E-03	0.00E+00	0.00E+00	3.26E-12	6.28E-11	4.50E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-05	6.48E-03	2.58E+00	0.00E+00	2.83E-10	9.51E-09	1.52E-03	4.62E-06	3.44E-03	0.00E+00	2.58E+00	7.27E-09	2.58E+00	2.58E+00	3.44E-03	0.00E+00	0.00E+00	0.00E+00	7.01E-04
VE110YN	1.10E-03	1.71E-01	0.00E+00	1.71E-01	0.00E+00	0.00E+00	1.12E-01	6.43E-08	5.08E-04	5.58E-03	0.00E+00	0.00E+00	3.01E-12	5.82E-11	4.17E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-05	6.01E-03	2.39E+00	0.00E+00	2.63E-10	8.82E-09	1.41E-03	4.28E-06	3.19E-03	0.00E+00	2.39E+00	6.74E-09	2.39E+00	2.39E+00	3.19E-03	0.00E+00	0.00E+00	0.00E+00	6.50E-04
VE112DK	1.69E-03	2.62E-01	0.00E+00	2.62E-01	0.00E+00	0.00E+00	1.72E-01	9.94E-08	7.76E-04	8.53E-03	0.00E+00	0.00E+00	4.61E-12	9.50E-11	6.39E-04	0.00E+00	0.00E+00	0.00E+00	2.32E-05	9.21E-03	3.66E+00	0.00E+00	4.02E-10	1.35E-09	2.15E-03	6.56E-06	4.89E-03	0.00E+00	3.66E+00	1.03E-09	3.66E+00	3.67E+00	4.89E-03	0.00E+00	0.00E+00	0.00E+00	9.96E-04
VE112E	2.37E-03	3.78E-01	0.00E+00	3.78E-01	0.00E+00	0.00E+00	2.45E-01	1.40E-07	1.11E-03	1.23E-02	0.00E+00	0.00E+00	6.57E-12	1.27E-10	9.10E-04	0.00E+00	0.00E+00	0.00E+00	3.30E-05	1.31E-02	5.21E+00	0.00E+00	5.73E-10	1.92E-09	3.07E-03	9.34E-06	6.95E-03	0.00E+00	5.21E+00	1.47E-09	5.21E+00	5.22E+00	6.95E-03	0.00E+00	0.00E+00	0.00E+00	1.42E-03
VE112E	1.82E-03	2.88E-01	0.00E+00	2.88E-01	0.00E+00	0.00E+00	1.88E-01	1.07E-07	8.50E-04	9.33E-03	0.00E+00	0.00E+00	5.04E-12	9.74E-11	6.89E-04	0.00E+00	0.00E+00	0.00E+00	2.53E-05	1.01E-02	4.09E+00	0.00E+00	4.39E-10	1.48E-09	2.35E-03	7.16E-06	5.33E-03	0.00E+00	4.09E+00	1.13E-09	4.09E+00	4.00E+00	5.33E-03	0.00E+00	0.00E+00	0.00E+00	1.09E-03
VE112F	2.18E-03	3.19E-01	0.00E+00	3.19E-01	0.00E+00	0.00E+00	2.09E-01	1.20E-07	9.49E-04	1.04E-02	0.00E+00	0.00E+00	5.62E-12	1.09E-10	7.79E-04	0.00E+00	0.00E+00	0.00E+00	2.83E-05	1.12E-02	4.49E+00	0.00E+00	4.30E-10	1.53E-09	2.63E-03	7.99E-06	5.95E-03	0.00E+00	4.49E+00	1.26E-09	4.49E+00	4.47E+00	5.95E-03	0.00E+00	0.00E+00	0.00E+00	1.21E-03
VE112G	1.82E-03	2.88E-01	0.00E+00	2.88E-01	0.00E+00	0.00E+00	1.88E-01	1.07E-07	8.50E-04	9.33E-03	0.00E+00	0.00E+00	5.04E-12	9.74E-11	6.89E-04	0.00E+00	0.00E+00	0.00E+00	2.53E-05	1.01E-02	4.09E+00	0.00E+00	4.39E-10	1.48E-09	2.35E-03	7.16E-06	5.33E-03	0.00E+00	4.09E+00	1.13E-09	4.09E+00	4.00E+00	5.33E-03	0.00E+00	0.00E+00	0.00E+00	1.09E-03
VE112H	2.50E-03	3.94E-01	0.00E+00	3.94E-01	0.00E+00	0.00E+00	2.58E-01	1.48E-07	1.17E-03	1.28E-02	0.00E+00	0.00E+00	6.93E-12	1.34E-10	9.60E-04	0.00E+00	0.00E+00	0.00E+00	3.48E-05	1.38E-02	5.50E+00	0.00E+00	6.04E-10	2.03E-09	3.24E-03	9.85E-06	7.34E-03	0.00E+00	5.50E+00	1.55E-09	5.50E+00	5.51E+00	7.34E-03	0.00E+00	0.00E+00	0.00E+00	1.50E-03
VE112L	2.02E-03	3.19E-01	0.00E+00	3.19E-01	0.00E+00	0.00E+00	2.09E-01	1.20E-07	9.47E-04	1.04E-02	0.00E+00	0.00E+00	5.61E-12	1.09E-10	7.77E-04	0.00E+00	0.00E+00	0.00E+00	2.82E-05	1.12E-02	4.49E+00	0.00E+00	4.89E-10	1.64E-09	2.62E-03	7.98E-06	5.94E-03	0.00E+00	4.49E+00	1.26E-09	4.49E+00	4.46E+00	5.94E-03	0.00E+00	0.00E+00	0.00E+00	1.21E-03
VE112M	2.16E-03	3.26E-01	0.00E+00	3.26E-01	0.00E+00	0.00E+00	2.13E-01	1.22E-07	9.69E-04	1.06E-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	4.52E+00	0.00E+00	5.00E-10	1.68E-09	2.68E-03	8.14E-06	6.06E-03	0.00E+00	4.52E+00	1.28E-09	4.52E+00	4.55E+00	6.06E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03
VE112N	2.03E-03	3.19E-01	0.00E+00	3.19E-01	0.00E+00	0.00E+00	2.09E-01	1.20E-07	9.48E-04	1.04E-02	0.00E+00	0.00E+00	5.61E-12	1.09E-10	7.78E-04	0.00E+00	0.00E+00	0.00E+00	2.82E-05	1.12E-02	4.49E+00	0.00E+00	4.90E-10	1.64E-09	2.62E-03	7.98E-06	5.94E-03	0.00E+00	4.49E+00	1.26E-09	4.49E+00	4.46E+00	5.94E-03	0.0			

VF104TR	8.21E-04	1.29E-01	0.00E+00	1.29E-01	0.00E+00	0.00E+00	8.30E-02	4.84E-08	3.83E-04	4.20E-03	0.00E+00	0.00E+00	2.27E-12	4.39E-11	3.14E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-05	4.53E-03	1.80E+00	0.00E+00	1.98E-10	6.85E-09	1.06E-03	3.23E-06	2.40E-03	0.00E+00	1.80E+00	5.08E-09	1.80E+00	1.90E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	4.90E-04
VF104TS	8.15E-04	1.27E-01	0.00E+00	1.27E-01	0.00E+00	0.00E+00	8.30E-02	4.75E-08	3.76E-04	4.13E-03	0.00E+00	0.00E+00	2.23E-12	4.31E-11	3.09E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-05	4.45E-03	1.77E+00	0.00E+00	1.94E-10	6.53E-09	1.04E-03	3.17E-06	2.36E-03	0.00E+00	1.77E+00	4.99E-09	1.77E+00	1.77E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	4.81E-04
VF108PA	9.93E-04	1.49E-01	0.00E+00	1.49E-01	0.00E+00	0.00E+00	9.75E-02	5.59E-08	4.42E-04	4.86E-03	0.00E+00	0.00E+00	2.62E-12	5.06E-11	3.62E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-05	5.23E-03	2.08E+00	0.00E+00	2.28E-10	7.87E-09	1.22E-03	3.72E-06	2.77E-03	0.00E+00	2.08E+00	5.86E-09	2.08E+00	2.08E+00	2.77E-03	0.00E+00	0.00E+00	0.00E+00	5.66E-04
VF108PD	9.77E-04	1.47E-01	0.00E+00	1.47E-01	0.00E+00	0.00E+00	9.65E-02	5.53E-08	4.37E-04	4.80E-03	0.00E+00	0.00E+00	2.59E-12	5.01E-11	3.59E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-05	5.17E-03	2.02E+00	0.00E+00	2.26E-10	7.59E-09	1.21E-03	3.68E-06	2.74E-03	0.00E+00	2.02E+00	5.80E-09	2.02E+00	2.02E+00	2.74E-03	0.00E+00	0.00E+00	0.00E+00	5.59E-04
VF108PE	9.95E-04	1.43E-01	0.00E+00	1.43E-01	0.00E+00	0.00E+00	9.36E-02	5.36E-08	4.24E-04	4.66E-03	0.00E+00	0.00E+00	2.51E-12	4.86E-11	3.48E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-05	5.02E-03	1.99E+00	0.00E+00	2.19E-10	7.36E-09	1.17E-03	3.57E-06	2.66E-03	0.00E+00	1.99E+00	5.63E-09	1.99E+00	2.00E+00	2.66E-03	0.00E+00	0.00E+00	0.00E+00	5.43E-04
VF108PEB	8.53E-04	1.34E-01	0.00E+00	1.34E-01	0.00E+00	0.00E+00	8.82E-02	5.05E-08	4.00E-04	4.36E-03	0.00E+00	0.00E+00	2.37E-12	4.58E-11	3.28E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-05	4.73E-03	1.88E+00	0.00E+00	2.06E-10	6.93E-09	1.11E-03	3.37E-06	2.51E-03	0.00E+00	1.88E+00	5.30E-09	1.88E+00	1.88E+00	2.51E-03	0.00E+00	0.00E+00	0.00E+00	5.11E-04
VF108PEH	9.82E-04	1.47E-01	0.00E+00	1.47E-01	0.00E+00	0.00E+00	9.65E-02	5.53E-08	4.36E-04	4.80E-03	0.00E+00	0.00E+00	2.59E-12	5.01E-11	3.59E-04	0.00E+00	0.00E+00	0.00E+00	1.33E-05	5.17E-03	2.02E+00	0.00E+00	2.26E-10	7.59E-09	1.21E-03	3.68E-06	2.75E-03	0.00E+00	2.02E+00	5.80E-09	2.02E+00	2.02E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	5.60E-04
VF108PF	7.01E-04	1.10E-01	0.00E+00	1.10E-01	0.00E+00	0.00E+00	7.65E-02	4.11E-08	3.26E-04	3.57E-03	0.00E+00	0.00E+00	1.93E-12	3.71E-11	2.67E-04	0.00E+00	0.00E+00	0.00E+00	9.69E-06	3.85E-03	1.53E+00	0.00E+00	1.86E-10	5.85E-09	9.01E-04	2.74E-06	2.04E-03	0.00E+00	1.53E+00	4.32E-09	1.53E+00	2.14E+00	2.74E-03	0.00E+00	0.00E+00	0.00E+00	4.16E-04
VF108PJ	1.00E-03	1.50E-01	0.00E+00	1.50E-01	0.00E+00	0.00E+00	9.80E-02	5.61E-08	4.44E-04	4.88E-03	0.00E+00	0.00E+00	2.56E-12	5.06E-11	3.65E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-05	5.25E-03	2.09E+00	0.00E+00	2.30E-10	7.71E-09	1.23E-03	3.79E-06	2.79E-03	0.00E+00	2.09E+00	5.90E-09	2.09E+00	2.09E+00	2.79E-03	0.00E+00	0.00E+00	0.00E+00	5.69E-04
VF108PM	8.99E-04	1.40E-01	0.00E+00	1.40E-01	0.00E+00	0.00E+00	9.20E-02	5.27E-08	4.17E-04	4.57E-03	0.00E+00	0.00E+00	2.47E-12	4.77E-11	3.42E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-05	4.93E-03	1.96E+00	0.00E+00	2.15E-10	7.22E-09	1.15E-03	3.51E-06	2.61E-03	0.00E+00	1.96E+00	5.33E-09	1.96E+00	1.96E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	5.33E-04
VF108PP	9.17E-04	1.45E-01	0.00E+00	1.45E-01	0.00E+00	0.00E+00	9.49E-02	5.43E-08	4.30E-04	4.72E-03	0.00E+00	0.00E+00	2.52E-12	4.92E-11	3.53E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-05	5.08E-03	2.02E+00	0.00E+00	2.22E-10	7.44E-09	1.19E-03	3.62E-06	2.70E-03	0.00E+00	2.02E+00	5.70E-09	2.02E+00	2.02E+00	2.70E-03	0.00E+00	0.00E+00	0.00E+00	5.50E-04
VF108PR	1.06E-03	1.58E-01	0.00E+00	1.58E-01	0.00E+00	0.00E+00	1.04E-01	5.94E-08	4.70E-04	5.16E-03	0.00E+00	0.00E+00	2.78E-12	5.39E-11	3.86E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-05	5.56E-03	2.21E+00	0.00E+00	2.43E-10	8.16E-09	1.30E-03	3.96E-06	2.95E-03	0.00E+00	2.21E+00	6.24E-09	2.21E+00	2.21E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	6.02E-04
VF108PT	1.10E-03	1.74E-01	0.00E+00	1.74E-01	0.00E+00	0.00E+00	1.14E-01	6.54E-08	5.17E-04	5.66E-03	0.00E+00	0.00E+00	3.06E-12	5.91E-11	4.25E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-05	6.12E-03	2.43E+00	0.00E+00	2.67E-10	8.39E-09	1.43E-03	4.36E-06	3.24E-03	0.00E+00	2.43E+00	6.86E-09	2.43E+00	2.43E+00	3.24E-03	0.00E+00	0.00E+00	0.00E+00	6.62E-04
VF108PY	1.01E-03	1.50E-01	0.00E+00	1.50E-01	0.00E+00	0.00E+00	9.84E-02	5.64E-08	4.42E-04	4.90E-03	0.00E+00	0.00E+00	2.46E-12	5.01E-11	3.62E-04	0.00E+00	0.00E+00	0.00E+00	1.33E-05	5.27E-03	2.10E+00	0.00E+00	2.30E-10	7.83E-09	1.23E-03	3.79E-06	2.80E-03	0.00E+00	2.10E+00	5.92E-09	2.10E+00	2.10E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	5.71E-04
VF108TA	9.87E-04	1.48E-01	0.00E+00	1.48E-01	0.00E+00	0.00E+00	9.70E-02	5.56E-08	4.40E-04	4.82E-03	0.00E+00	0.00E+00	2.49E-12	5.04E-11	3.61E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-05	5.16E-03	2.07E+00	0.00E+00	2.27E-10	7.83E-09	1.22E-03	3.79E-06	2.76E-03	0.00E+00	2.07E+00	5.83E-09	2.07E+00	2.07E+00	2.76E-03	0.00E+00	0.00E+00	0.00E+00	5.63E-04
VF108TD	9.89E-04	1.48E-01	0.00E+00	1.48E-01	0.00E+00	0.00E+00	9.71E-02	5.56E-08	4.40E-04	4.83E-03	0.00E+00	0.00E+00	2.49E-12	5.04E-11	3.61E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-05	5.20E-03	2.07E+00	0.00E+00	2.27E-10	7.83E-09	1.22E-03	3.71E-06	2.78E-03	0.00E+00	2.07E+00	5.84E-09	2.07E+00	2.07E+00	2.78E-03	0.00E+00	0.00E+00	0.00E+00	5.63E-04
VF108TE	9.82E-04	1.47E-01	0.00E+00	1.47E-01	0.00E+00	0.00E+00	9.65E-02	5.53E-08	4.36E-04	4.80E-03	0.00E+00	0.00E+00	2.59E-12	5.01E-11	3.59E-04	0.00E+00	0.00E+00	0.00E+00	1.33E-05	5.17E-03	2.02E+00	0.00E+00	2.26E-10	7.59E-09	1.21E-03	3.68E-06	2.75E-03	0.00E+00	2.02E+00	5.80E-09	2.02E+00	2.02E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	5.60E-04
VF108TF	9.82E-04	1.47E-01	0.00E+00	1.47E-01	0.00E+00	0.00E+00	9.65E-02	5.53E-08	4.36E-04	4.80E-03	0.00E+00	0.00E+00	2.59E-12	5.01E-11	3.59E-04	0.00E+00	0.00E+00	0.00E+00	1.33E-05	5.17E-03	2.02E+00	0.00E+00	2.26E-10	7.59E-09	1.21E-03	3.68E-06	2.75E-03	0.00E+00	2.02E+00	5.80E-09	2.02E+00	2.02E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	5.60E-04
VF108TJ	9.79E-04	1.47E-01	0.00E+00	1.47E-01	0.00E+00	0.00E+00	9.66E-02	5.53E-08	4.38E-04	4.80E-03	0.00E+00	0.00E+00	2.59E-12	5.01E-11	3.59E-04	0.00E+00	0.00E+00	0.00E+00	1.33E-05	5.17E-03	2.02E+00	0.00E+00	2.26E-10	7.60E-09	1.21E-03	3.68E-06	2.75E-03	0.00E+00	2.02E+00	5.81E-09	2.02E+00	2.02E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	5.61E-04
VF108TM	8.95E-04	1.40E-01	0.00E+00	1.40E-01	0.00E+00	0.00E+00	9.20E-02	5.27E-08	4.17E-04	4.57E-03	0.00E+00	0.00E+00	2.47E-12	4.77E-11	3.42E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-05	4.93E-03	1.96E+00	0.00E+00	2.15E-10	7.22E-09	1.15E-03	3.51E-06	2.61E-03	0.00E+00	1.96E+00	5.33E-09	1.96E+00	1.96E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	5.33E-04
VF108TP	9.87E-04	1.48E-01	0.00E+00	1.48E-01	0.00E+00	0.00E+00	9.70E-02	5.56E-08	4.40E-04	4.82E-03	0.00E+00	0.00E+00	2.49E-12	5.04E-11	3.61E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-05	5.16E-03	2.07E+00	0.00E+00	2.27E-10	7.83E-09	1.22E-03	3.79E-06	2.76E-03	0.00E+00	2.07E+00	5.83E-09	2.07E+00	2.07E+00	2.76E-03	0.00E+00	0.00E+00	0.00E+00	5.63E-04
VF108TR	1.08E-03	1.67E-01	0.00E+00	1.67E-01	0.00E+00	0.00E+00	1.10E-01	6.29E-08	4.97E-04	5.46E-03	0.00E+00	0.00E+00	2.84E-12	5.70E-11	4.08E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-05	5.88E-03	2.34E+00	0.00E+00	2.57E-10	8.83E-09	1.38E-03	4.19E-06	3.12E-03	0.00E+00	2.34E+00	6.60E-09	2.34E+00	2.34E+00	3.12E-03	0.00E+00	0.00E+00	0.00E+00	6.36E-04
VF108TS	9.69E-04	1.47E-01	0.00E+00	1.47E-01	0.00E+00	0.00E+00	9.81E-02	5.51E-08	4.35E-04	4.78E-03	0.00E+00	0.00E+00	2.58E-12	4.99E-11	3.57E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-05	5.15E-03	2.05E+00	0.00E+00	2.25E-10	7.56E-09	1.20E-03	3.67E-06	2.73E-03	0.00E+00	2.05E+00	5.77E-09	2.05E+00	2.05E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	5.57E-04
VF112PA	1.50E-03	2.36E-01	0.00E+00	2.36E-01	0.00E+00	0.00E+00	1.55E-01	8.85E-08	7.00E-04	7.88E-03	0.00E+00	0.00E+00	4.15E-12	8.02E-11	5.75E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-05	8.28E-03	3.29E+00	0.00E+00	3.62E-10	1.22E-08	1.94E-03	5.90E-06	4.39E-03	0.00E+00	3.29E+00	9.29E-09	3.29E+00	3.30E+00	4.39E-03	0.00E+00	0.00E+00	0.00E+00	8.96E-04
VF112PD	1.50E-03	2.36E-01	0.00E+00	2.36E-01	0.00E+00	0.00E+00	1.55E-01	8.85E-08	7.00E-04	7.88E-03	0.00E+00	0.00E+00	4.15E-12	8.02E-11	5.75E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-05	8.28E-03	3.29E+00	0.00E+00	3.62E-10	1.22E-08	1.94E-03	5.90E-06	4.39E-03	0.00E+00	3.29E+00	9.29E-09	3.29E+00	3.30E+00	4.39E-03				

VF122PP	2.32E-03	3.66E-01	0.00E+00	3.66E-01	0.00E+00	0.00E+00	1.37E-07	1.09E-03	1.19E-02	0.00E+00	0.00E+00	6.44E-12	1.25E-10	8.92E-04	0.00E+00	0.00E+00	0.00E+00	3.24E-05	1.29E-02	5.11E+00	0.00E+00	5.61E-10	1.89E-08	3.01E-03	9.16E-06	6.82E-03	0.00E+00	5.11E+00	1.44E-08	5.11E+00	5.12E+00	6.82E-03	0.00E+00	0.00E+00	0.00E+00	1.39E-03	
VF122PS	2.16E-03	3.40E-01	0.00E+00	3.40E-01	0.00E+00	0.00E+00	2.23E-01	1.28E-07	1.01E-03	1.11E-02	0.00E+00	0.00E+00	5.98E-12	1.16E-10	8.29E-04	0.00E+00	0.00E+00	0.00E+00	3.01E-05	1.15E-02	4.75E+00	0.00E+00	5.22E-10	1.75E-08	2.80E-03	8.51E-06	6.34E-03	0.00E+00	4.75E+00	1.34E-08	4.75E+00	4.75E+00	6.34E-03	0.00E+00	0.00E+00	0.00E+00	1.29E-03
VF122TA	2.01E-03	3.16E-01	0.00E+00	3.16E-01	0.00E+00	0.00E+00	2.08E-01	1.19E-07	9.40E-04	1.03E-02	0.00E+00	0.00E+00	5.57E-12	1.08E-10	7.72E-04	0.00E+00	0.00E+00	0.00E+00	2.80E-05	1.11E-02	4.42E+00	0.00E+00	4.86E-10	1.63E-08	2.60E-03	7.92E-06	5.90E-03	0.00E+00	4.42E+00	1.25E-08	4.42E+00	4.43E+00	5.90E-03	0.00E+00	0.00E+00	0.00E+00	1.20E-03
VF122TD	2.20E-03	3.47E-01	0.00E+00	3.47E-01	0.00E+00	0.00E+00	2.28E-01	1.30E-07	1.02E-03	1.13E-02	0.00E+00	0.00E+00	6.11E-12	1.18E-10	8.47E-04	0.00E+00	0.00E+00	0.00E+00	3.07E-05	1.22E-02	4.85E+00	0.00E+00	5.32E-10	1.79E-08	3.05E-03	8.89E-06	6.47E-03	0.00E+00	4.85E+00	1.37E-08	4.85E+00	4.85E+00	6.47E-03	0.00E+00	0.00E+00	0.00E+00	1.32E-03
VF122TF	2.16E-03	3.26E-01	0.00E+00	3.26E-01	0.00E+00	0.00E+00	2.13E-01	1.22E-07	9.68E-04	1.06E-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	4.55E+00	0.00E+00	5.00E-10	1.68E-08	2.85E-03	8.14E-06	6.06E-03	0.00E+00	4.55E+00	1.28E-08	4.55E+00	4.55E+00	6.06E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03
VF122TJ	2.16E-03	3.40E-01	0.00E+00	3.40E-01	0.00E+00	0.00E+00	2.23E-01	1.28E-07	1.01E-03	1.11E-02	0.00E+00	0.00E+00	5.98E-12	1.16E-10	8.29E-04	0.00E+00	0.00E+00	0.00E+00	3.01E-05	1.15E-02	4.75E+00	0.00E+00	5.22E-10	1.75E-08	2.80E-03	8.51E-06	6.34E-03	0.00E+00	4.75E+00	1.34E-08	4.75E+00	4.75E+00	6.34E-03	0.00E+00	0.00E+00	0.00E+00	1.29E-03
VF122TM	2.22E-03	3.49E-01	0.00E+00	3.49E-01	0.00E+00	0.00E+00	2.29E-01	1.31E-07	1.04E-03	1.14E-02	0.00E+00	0.00E+00	6.12E-12	1.19E-10	8.52E-04	0.00E+00	0.00E+00	0.00E+00	3.09E-05	1.23E-02	4.82E+00	0.00E+00	5.36E-10	1.80E-08	2.87E-03	8.74E-06	6.51E-03	0.00E+00	4.82E+00	1.36E-08	4.82E+00	4.82E+00	6.51E-03	0.00E+00	0.00E+00	0.00E+00	1.32E-03
VF122TP	2.28E-03	3.60E-01	0.00E+00	3.60E-01	0.00E+00	0.00E+00	2.36E-01	1.35E-07	1.07E-03	1.17E-02	0.00E+00	0.00E+00	6.35E-12	1.23E-10	8.78E-04	0.00E+00	0.00E+00	0.00E+00	3.19E-05	1.27E-02	5.00E+00	0.00E+00	5.59E-10	1.84E-08	2.96E-03	9.01E-06	6.71E-03	0.00E+00	5.00E+00	1.42E-08	5.00E+00	5.04E+00	6.71E-03	0.00E+00	0.00E+00	0.00E+00	1.37E-03
VF122TS	2.01E-03	3.16E-01	0.00E+00	3.16E-01	0.00E+00	0.00E+00	2.08E-01	1.19E-07	9.40E-04	1.03E-02	0.00E+00	0.00E+00	5.57E-12	1.08E-10	7.72E-04	0.00E+00	0.00E+00	0.00E+00	2.80E-05	1.11E-02	4.42E+00	0.00E+00	4.86E-10	1.63E-08	2.60E-03	7.92E-06	5.90E-03	0.00E+00	4.42E+00	1.25E-08	4.42E+00	4.43E+00	5.90E-03	0.00E+00	0.00E+00	0.00E+00	1.20E-03
VF212PA	2.20E-03	3.47E-01	0.00E+00	3.47E-01	0.00E+00	0.00E+00	2.27E-01	1.30E-07	1.03E-03	1.13E-02	0.00E+00	0.00E+00	6.10E-12	1.18E-10	8.44E-04	0.00E+00	0.00E+00	0.00E+00	3.07E-05	1.22E-02	4.84E+00	0.00E+00	5.32E-10	1.79E-08	2.85E-03	8.66E-06	6.46E-03	0.00E+00	4.84E+00	1.37E-08	4.84E+00	4.85E+00	6.46E-03	0.00E+00	0.00E+00	0.00E+00	1.32E-03
VF212PD	2.09E-03	3.30E-01	0.00E+00	3.30E-01	0.00E+00	0.00E+00	2.16E-01	1.24E-07	9.81E-04	1.08E-02	0.00E+00	0.00E+00	5.80E-12	1.12E-10	8.05E-04	0.00E+00	0.00E+00	0.00E+00	2.92E-05	1.16E-02	4.61E+00	0.00E+00	5.08E-10	1.70E-08	2.71E-03	8.26E-06	6.15E-03	0.00E+00	4.61E+00	1.30E-08	4.61E+00	4.61E+00	6.15E-03	0.00E+00	0.00E+00	0.00E+00	1.25E-03
VF212PE	2.07E-03	3.26E-01	0.00E+00	3.26E-01	0.00E+00	0.00E+00	2.14E-01	1.22E-07	9.68E-04	1.06E-02	0.00E+00	0.00E+00	5.72E-12	1.11E-10	7.94E-04	0.00E+00	0.00E+00	0.00E+00	2.88E-05	1.14E-02	4.55E+00	0.00E+00	5.00E-10	1.68E-08	2.85E-03	8.15E-06	6.07E-03	0.00E+00	4.55E+00	1.28E-08	4.55E+00	4.55E+00	6.07E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03
VF212PEB	1.83E-03	2.89E-01	0.00E+00	2.89E-01	0.00E+00	0.00E+00	1.89E-01	1.08E-07	8.59E-04	9.41E-03	0.00E+00	0.00E+00	5.08E-12	9.80E-11	7.04E-04	0.00E+00	0.00E+00	0.00E+00	2.59E-05	1.01E-02	4.03E+00	0.00E+00	4.43E-10	1.49E-08	2.37E-03	7.23E-06	5.38E-03	0.00E+00	4.03E+00	1.14E-08	4.03E+00	4.04E+00	5.38E-03	0.00E+00	0.00E+00	0.00E+00	1.14E-03
VF212PEH	2.07E-03	3.26E-01	0.00E+00	3.26E-01	0.00E+00	0.00E+00	2.14E-01	1.22E-07	9.68E-04	1.06E-02	0.00E+00	0.00E+00	5.72E-12	1.11E-10	7.92E-04	0.00E+00	0.00E+00	0.00E+00	2.88E-05	1.15E-02	4.55E+00	0.00E+00	5.00E-10	1.68E-08	2.85E-03	8.15E-06	6.07E-03	0.00E+00	4.55E+00	1.28E-08	4.55E+00	4.55E+00	6.07E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03
VF212PF	1.86E-03	2.94E-01	0.00E+00	2.94E-01	0.00E+00	0.00E+00	1.93E-01	1.10E-07	8.73E-04	9.57E-03	0.00E+00	0.00E+00	5.17E-12	1.10E-10	7.17E-04	0.00E+00	0.00E+00	0.00E+00	2.60E-05	1.03E-02	4.11E+00	0.00E+00	4.51E-10	1.52E-08	2.42E-03	7.36E-06	5.48E-03	0.00E+00	4.11E+00	1.16E-08	4.11E+00	4.11E+00	5.48E-03	0.00E+00	0.00E+00	0.00E+00	1.12E-03
VF212PJ	2.16E-03	3.26E-01	0.00E+00	3.26E-01	0.00E+00	0.00E+00	2.13E-01	1.22E-07	9.68E-04	1.06E-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	4.55E+00	0.00E+00	5.00E-10	1.68E-08	2.85E-03	8.14E-06	6.06E-03	0.00E+00	4.55E+00	1.28E-08	4.55E+00	4.55E+00	6.06E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03
VF212PM	2.16E-03	3.26E-01	0.00E+00	3.26E-01	0.00E+00	0.00E+00	2.13E-01	1.22E-07	9.68E-04	1.06E-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	4.55E+00	0.00E+00	5.00E-10	1.68E-08	2.85E-03	8.14E-06	6.06E-03	0.00E+00	4.55E+00	1.28E-08	4.55E+00	4.55E+00	6.06E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03
VF212PP	2.21E-03	3.48E-01	0.00E+00	3.48E-01	0.00E+00	0.00E+00	2.28E-01	1.31E-07	1.03E-03	1.14E-02	0.00E+00	0.00E+00	6.13E-12	1.19E-10	8.49E-04	0.00E+00	0.00E+00	0.00E+00	3.06E-05	1.22E-02	4.84E+00	0.00E+00	5.34E-10	1.80E-08	2.85E-03	8.72E-06	6.49E-03	0.00E+00	4.84E+00	1.37E-08	4.84E+00	4.87E+00	6.49E-03	0.00E+00	0.00E+00	0.00E+00	1.32E-03
VF212PR	2.34E-03	3.69E-01	0.00E+00	3.69E-01	0.00E+00	0.00E+00	2.42E-01	1.36E-07	1.10E-03	1.20E-02	0.00E+00	0.00E+00	6.49E-12	1.26E-10	9.00E-04	0.00E+00	0.00E+00	0.00E+00	3.27E-05	1.30E-02	5.15E+00	0.00E+00	5.66E-10	1.90E-08	3.03E-03	9.24E-06	6.88E-03	0.00E+00	5.15E+00	1.45E-08	5.15E+00	5.16E+00	6.88E-03	0.00E+00	0.00E+00	0.00E+00	1.40E-03
VF212PS	1.88E-03	2.97E-01	0.00E+00	2.97E-01	0.00E+00	0.00E+00	1.95E-01	1.12E-07	8.83E-04	9.66E-03	0.00E+00	0.00E+00	5.22E-12	1.01E-10	7.24E-04	0.00E+00	0.00E+00	0.00E+00	2.53E-05	1.04E-02	4.15E+00	0.00E+00	4.56E-10	1.52E-08	2.44E-03	7.42E-06	5.54E-03	0.00E+00	4.15E+00	1.17E-08	4.15E+00	4.15E+00	5.54E-03	0.00E+00	0.00E+00	0.00E+00	1.13E-03
VF212PT	2.77E-03	4.37E-01	0.00E+00	4.37E-01	0.00E+00	0.00E+00	2.86E-01	1.64E-07	1.30E-03	1.43E-02	0.00E+00	0.00E+00	7.84E-12	1.49E-10	1.06E-03	0.00E+00	0.00E+00	0.00E+00	3.87E-05	1.53E-02	6.15E+00	0.00E+00	6.70E-10	2.32E-08	3.59E-03	1.06E-05	8.14E-03	0.00E+00	6.15E+00	1.72E-08	6.15E+00	6.11E+00	8.14E-03	0.00E+00	0.00E+00	0.00E+00	1.66E-03
VF212PY	2.28E-03	3.60E-01	0.00E+00	3.60E-01	0.00E+00	0.00E+00	2.36E-01	1.35E-07	1.07E-03	1.17E-02	0.00E+00	0.00E+00	6.34E-12	1.23E-10	8.78E-04	0.00E+00	0.00E+00	0.00E+00	3.19E-05	1.27E-02	5.03E+00	0.00E+00	5.53E-10	1.86E-08	2.96E-03	9.01E-06	6.71E-03	0.00E+00	5.03E+00	1.42E-08	5.03E+00	5.04E+00	6.71E-03	0.00E+00	0.00E+00	0.00E+00	1.37E-03
VF212PZB	1.78E-03	2.81E-01	0.00E+00	2.81E-01	0.00E+00	0.00E+00	1.85E-01	1.06E-07	8.36E-04	9.18E-03	0.00E+00	0.00E+00	4.90E-12	9.58E-11	6.86E-04	0.00E+00	0.00E+00	0.00E+00	2.49E-05	9.89E-03	3.93E+00	0.00E+00	4.32E-10	1.45E-08	2.31E-03	7.04E-06	5.25E-03	0.00E+00	3.93E+00	1.11E-08	3.93E+00	3.94E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	1.07E-03
VF212PZC	1.70E-03	2.68E-01	0.00E+00	2.68E-01	0.00E+00	0.00E+00	1.78E-01	1.01E-07	7.99E-04	8.74E-03	0.00E+00	0.00E+00	4.72E-12	9.13E-11	6.52E-04	0.00E+00	0.00E+00	0.00E+00	2.38E-05	9.43E-03	3.75E+00	0.00E+00	4.11E-10	1.38E-08	2.21E-03	6.72E-06	5.00E-03	0.00E+00	3.75E+00	1.06E-08	3.75E+00	3.75E+00	5.00E-03	0.00E+00	0.00E+00	0.00E+00	1.02E-03
VF212PZA	2.28E-03	3.60E-01	0.00E+00	3.60E-01	0.00E+00	0.00E+00	2.36E-01	1.35E-07	1.07E-03	1.17E-02	0.00E+00	0.00E+00	6.34E-12	1.23E-10	8.78E-04	0.00E+00	0.00E+00	0.00E+00	3.19E-05	1.27E-02	5.03E+00	0.00E+00	5.53E-10	1.86E-08	2.96E-03	9.01E-06	6.71E-03	0.00E+00	5.03E+00	1.42E-08	5.03E+00	5.04E+00	6.71E-03	0.00E+00			

VF312PZG	2.16E-03	3.28E-01	0.00E+00	3.26E-01	0.00E+00	0.00E+00	2.14E-01	1.22E-07	8.93E-04	1.06E-02	0.00E+00	0.00E+00	5.73E-12	1.11E-10	7.95E-04	0.00E+00	0.00E+00	0.00E+00	2.89E-05	1.15E-02	4.55E+00	0.00E+00	5.00E-10	1.88E-08	2.88E-03	8.14E-06	6.07E-03	0.00E+00	4.55E+00	1.29E-08	4.55E+00	4.56E+00	8.07E-03	0.00E+00	0.00E+00	0.00E+00	1.34E-03
VF312TA	2.97E-03	4.50E-01	0.00E+00	4.50E-01	0.00E+00	0.00E+00	2.95E-01	1.69E-07	1.34E-03	1.47E-02	0.00E+00	0.00E+00	7.92E-12	1.53E-10	1.10E-03	0.00E+00	0.00E+00	0.00E+00	3.98E-05	1.58E-02	6.29E+00	0.00E+00	6.91E-10	2.32E-08	3.70E-03	1.13E-05	8.39E-03	0.00E+00	6.29E+00	1.77E-08	6.29E+00	6.30E+00	8.39E-03	0.00E+00	0.00E+00	0.00E+00	1.71E-03
VF312TD	2.82E-03	4.38E-01	0.00E+00	4.38E-01	0.00E+00	0.00E+00	2.88E-01	1.65E-07	1.30E-03	1.43E-02	0.00E+00	0.00E+00	7.72E-12	1.49E-10	1.07E-03	0.00E+00	0.00E+00	0.00E+00	3.88E-05	1.54E-02	6.12E+00	0.00E+00	6.73E-10	2.28E-08	3.61E-03	1.10E-05	8.18E-03	0.00E+00	6.12E+00	1.73E-08	6.12E+00	6.13E+00	8.18E-03	0.00E+00	0.00E+00	0.00E+00	1.67E-03
VF312TE	2.75E-03	4.33E-01	0.00E+00	4.33E-01	0.00E+00	0.00E+00	2.84E-01	1.63E-07	1.29E-03	1.41E-02	0.00E+00	0.00E+00	7.63E-12	1.48E-10	1.06E-03	0.00E+00	0.00E+00	0.00E+00	3.84E-05	1.52E-02	6.08E+00	0.00E+00	6.65E-10	2.24E-08	3.57E-03	1.09E-05	8.09E-03	0.00E+00	6.08E+00	1.71E-08	6.08E+00	6.09E+00	8.09E-03	0.00E+00	0.00E+00	0.00E+00	1.65E-03
VF312TF	2.44E-03	3.85E-01	0.00E+00	3.85E-01	0.00E+00	0.00E+00	2.52E-01	1.44E-07	1.14E-03	1.25E-02	0.00E+00	0.00E+00	6.77E-12	1.31E-10	9.38E-04	0.00E+00	0.00E+00	0.00E+00	3.41E-05	1.35E-02	5.37E+00	0.00E+00	5.91E-10	1.98E-08	3.16E-03	9.65E-06	7.17E-03	0.00E+00	5.37E+00	1.52E-08	5.37E+00	5.38E+00	7.17E-03	0.00E+00	0.00E+00	0.00E+00	1.48E-03
VF312TJ	2.76E-03	4.34E-01	0.00E+00	4.34E-01	0.00E+00	0.00E+00	2.85E-01	1.63E-07	1.29E-03	1.42E-02	0.00E+00	0.00E+00	7.64E-12	1.48E-10	1.06E-03	0.00E+00	0.00E+00	0.00E+00	3.84E-05	1.53E-02	6.06E+00	0.00E+00	6.66E-10	2.24E-08	3.57E-03	1.09E-05	8.09E-03	0.00E+00	6.06E+00	1.71E-08	6.06E+00	6.07E+00	8.09E-03	0.00E+00	0.00E+00	0.00E+00	1.65E-03
VF312TM	2.66E-03	4.19E-01	0.00E+00	4.19E-01	0.00E+00	0.00E+00	2.75E-01	1.57E-07	1.24E-03	1.36E-02	0.00E+00	0.00E+00	7.37E-12	1.45E-10	1.02E-03	0.00E+00	0.00E+00	0.00E+00	3.70E-05	1.47E-02	5.92E+00	0.00E+00	6.43E-10	2.15E-08	3.44E-03	1.05E-05	7.90E-03	0.00E+00	5.92E+00	1.65E-08	5.92E+00	5.93E+00	7.90E-03	0.00E+00	0.00E+00	0.00E+00	1.59E-03
VF312TP	3.09E-03	4.87E-01	0.00E+00	4.87E-01	0.00E+00	0.00E+00	3.06E-01	1.83E-07	1.45E-03	1.59E-02	0.00E+00	0.00E+00	8.75E-12	1.63E-10	1.19E-03	0.00E+00	0.00E+00	0.00E+00	4.31E-05	1.71E-02	6.81E+00	0.00E+00	7.49E-10	2.59E-08	4.01E-03	1.22E-05	9.09E-03	0.00E+00	6.81E+00	1.92E-08	6.81E+00	6.81E+00	9.09E-03	0.00E+00	0.00E+00	0.00E+00	1.85E-03
VF312TR	3.15E-03	4.97E-01	0.00E+00	4.97E-01	0.00E+00	0.00E+00	3.26E-01	1.87E-07	1.47E-03	1.62E-02	0.00E+00	0.00E+00	8.94E-12	1.66E-10	1.21E-03	0.00E+00	0.00E+00	0.00E+00	4.39E-05	1.73E-02	6.93E+00	0.00E+00	7.62E-10	2.58E-08	4.08E-03	1.24E-05	9.27E-03	0.00E+00	6.93E+00	1.96E-08	6.93E+00	6.94E+00	9.27E-03	0.00E+00	0.00E+00	0.00E+00	1.89E-03
VF312TS	2.98E-03	4.57E-01	0.00E+00	4.57E-01	0.00E+00	0.00E+00	3.05E-01	1.72E-07	1.39E-03	1.49E-02	0.00E+00	0.00E+00	8.04E-12	1.55E-10	1.11E-03	0.00E+00	0.00E+00	0.00E+00	4.04E-05	1.61E-02	6.38E+00	0.00E+00	7.01E-10	2.39E-08	3.78E-03	1.14E-05	8.52E-03	0.00E+00	6.38E+00	1.80E-08	6.38E+00	6.39E+00	8.52E-03	0.00E+00	0.00E+00	0.00E+00	1.74E-03
VF312TY	3.15E-03	4.97E-01	0.00E+00	4.97E-01	0.00E+00	0.00E+00	3.26E-01	1.87E-07	1.47E-03	1.62E-02	0.00E+00	0.00E+00	8.74E-12	1.63E-10	1.21E-03	0.00E+00	0.00E+00	0.00E+00	4.39E-05	1.73E-02	6.93E+00	0.00E+00	7.62E-10	2.59E-08	4.08E-03	1.24E-05	9.27E-03	0.00E+00	6.93E+00	1.96E-08	6.93E+00	6.94E+00	9.27E-03	0.00E+00	0.00E+00	0.00E+00	1.89E-03
VF318PD	3.80E-03	6.00E-01	0.00E+00	6.00E-01	0.00E+00	0.00E+00	3.93E-01	2.25E-07	1.78E-03	1.96E-02	0.00E+00	0.00E+00	1.06E-11	2.04E-10	1.46E-03	0.00E+00	0.00E+00	0.00E+00	5.31E-05	2.11E-02	8.38E+00	0.00E+00	9.21E-10	3.09E-08	4.93E-03	1.59E-05	1.12E-02	0.00E+00	8.38E+00	2.36E-08	8.38E+00	8.39E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.28E-03
VF318PEH	3.44E-03	5.46E-01	0.00E+00	5.46E-01	0.00E+00	0.00E+00	3.59E-01	2.05E-07	1.62E-03	1.78E-02	0.00E+00	0.00E+00	9.61E-12	1.88E-10	1.33E-03	0.00E+00	0.00E+00	0.00E+00	4.83E-05	1.92E-02	7.62E+00	0.00E+00	8.38E-10	2.81E-08	4.49E-03	1.37E-05	1.02E-02	0.00E+00	7.62E+00	2.15E-08	7.62E+00	7.63E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00	2.07E-03
VF318PES	3.90E-03	6.15E-01	0.00E+00	6.15E-01	0.00E+00	0.00E+00	4.04E-01	2.31E-07	1.83E-03	2.01E-02	0.00E+00	0.00E+00	1.06E-11	2.10E-10	1.52E-03	0.00E+00	0.00E+00	0.00E+00	5.45E-05	2.16E-02	8.82E+00	0.00E+00	9.45E-10	3.17E-08	5.06E-03	1.54E-05	1.12E-02	0.00E+00	8.82E+00	2.42E-08	8.82E+00	8.83E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.34E-03
VF318PF	2.99E-03	4.72E-01	0.00E+00	4.72E-01	0.00E+00	0.00E+00	3.01E-01	1.77E-07	1.40E-03	1.54E-02	0.00E+00	0.00E+00	8.31E-12	1.61E-10	1.15E-03	0.00E+00	0.00E+00	0.00E+00	4.18E-05	1.66E-02	6.00E+00	0.00E+00	7.25E-10	2.44E-08	3.86E-03	1.18E-05	8.81E-03	0.00E+00	6.00E+00	1.86E-08	6.00E+00	6.00E+00	8.81E-03	0.00E+00	0.00E+00	0.00E+00	1.80E-03
VF318PJ	3.38E-03	5.30E-01	0.00E+00	5.30E-01	0.00E+00	0.00E+00	3.48E-01	1.99E-07	1.58E-03	1.73E-02	0.00E+00	0.00E+00	9.34E-12	1.80E-10	1.29E-03	0.00E+00	0.00E+00	0.00E+00	4.69E-05	1.88E-02	7.41E+00	0.00E+00	8.14E-10	2.73E-08	4.36E-03	1.33E-05	9.99E-03	0.00E+00	7.41E+00	2.09E-08	7.41E+00	7.42E+00	9.99E-03	0.00E+00	0.00E+00	0.00E+00	2.02E-03
VF318PM	3.80E-03	5.74E-01	0.00E+00	5.74E-01	0.00E+00	0.00E+00	3.76E-01	2.16E-07	1.71E-03	1.87E-02	0.00E+00	0.00E+00	1.01E-11	1.95E-10	1.40E-03	0.00E+00	0.00E+00	0.00E+00	5.09E-05	2.02E-02	8.02E+00	0.00E+00	8.81E-10	2.99E-08	4.72E-03	1.44E-05	1.07E-02	0.00E+00	8.02E+00	2.26E-08	8.02E+00	8.03E+00	1.07E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
VF318PP	4.02E-03	6.34E-01	0.00E+00	6.34E-01	0.00E+00	0.00E+00	4.16E-01	2.38E-07	1.88E-03	2.07E-02	0.00E+00	0.00E+00	1.12E-11	2.16E-10	1.55E-03	0.00E+00	0.00E+00	0.00E+00	5.61E-05	2.23E-02	8.86E+00	0.00E+00	9.78E-10	3.27E-08	5.21E-03	1.59E-05	1.18E-02	0.00E+00	8.86E+00	2.50E-08	8.86E+00	8.87E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	2.41E-03
VF318PS	3.95E-03	6.23E-01	0.00E+00	6.23E-01	0.00E+00	0.00E+00	4.09E-01	2.34E-07	1.85E-03	2.03E-02	0.00E+00	0.00E+00	1.10E-11	2.12E-10	1.52E-03	0.00E+00	0.00E+00	0.00E+00	5.52E-05	2.18E-02	8.71E+00	0.00E+00	9.57E-10	3.21E-08	5.13E-03	1.56E-05	1.16E-02	0.00E+00	8.71E+00	2.46E-08	8.71E+00	8.72E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	2.37E-03
VF318PT	4.90E-03	7.72E-01	0.00E+00	7.72E-01	0.00E+00	0.00E+00	5.06E-01	2.90E-07	2.30E-03	2.52E-02	0.00E+00	0.00E+00	1.36E-11	2.93E-10	1.88E-03	0.00E+00	0.00E+00	0.00E+00	6.94E-05	2.71E-02	1.08E+00	0.00E+00	1.19E-09	3.99E-08	6.39E-03	1.93E-05	1.44E-02	0.00E+00	1.08E+00	3.04E-08	1.08E+00	1.08E+00	1.44E-02	0.00E+00	0.00E+00	0.00E+00	2.94E-03
VF318PY	3.83E-03	6.02E-01	0.00E+00	6.02E-01	0.00E+00	0.00E+00	3.95E-01	2.28E-07	1.79E-03	1.96E-02	0.00E+00	0.00E+00	1.06E-11	2.05E-10	1.47E-03	0.00E+00	0.00E+00	0.00E+00	5.33E-05	2.15E-02	8.41E+00	0.00E+00	9.24E-10	3.10E-08	4.95E-03	1.51E-05	1.12E-02	0.00E+00	8.41E+00	2.37E-08	8.41E+00	8.41E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.29E-03
VF318PZC	3.83E-03	6.02E-01	0.00E+00	6.02E-01	0.00E+00	0.00E+00	3.95E-01	2.28E-07	1.79E-03	1.96E-02	0.00E+00	0.00E+00	1.06E-11	2.05E-10	1.47E-03	0.00E+00	0.00E+00	0.00E+00	5.33E-05	2.15E-02	8.40E+00	0.00E+00	9.24E-10	3.10E-08	4.95E-03	1.51E-05	1.12E-02	0.00E+00	8.40E+00	2.37E-08	8.40E+00	8.41E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.29E-03
VF318TA	3.71E-03	5.61E-01	0.00E+00	5.61E-01	0.00E+00	0.00E+00	3.68E-01	2.11E-07	1.67E-03	1.83E-02	0.00E+00	0.00E+00	9.87E-12	1.91E-10	1.37E-03	0.00E+00	0.00E+00	0.00E+00	4.96E-05	1.97E-02	7.83E+00	0.00E+00	8.60E-10	2.89E-08	4.61E-03	1.41E-05	1.05E-02	0.00E+00	7.83E+00	2.21E-08	7.83E+00	7.84E+00	1.05E-02	0.00E+00	0.00E+00	0.00E+00	2.13E-03
VF318TD	3.88E-03	6.08E-01	0.00E+00	6.08E-01	0.00E+00	0.00E+00	3.99E-01	2.29E-07	1.81E-03	1.98E-02	0.00E+00	0.00E+00	1.07E-11	2.07E-10	1.48E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-05	2.14E-02	8.50E+00	0.00E+00	9.34E-10	3.14E-08	5.00E-03	1.52E-05	1.13E-02	0.00E+00	8.50E+00	2.40E-08	8.50E+00	8.51E+00	1.13E-02	0.00E+00	0.00E+00	0.00E+00	2.31E-03
VF318TES	3.77E-03	5.68E-01	0.00E+00	5.68E-01	0.00E+00	0.00E+00	3.73E-01	2.13E-07	1.69E-03	1.85E-02	0.00E+00	0.00E+00	9.99E-12	1.93E-10	1.38E-03	0.00E+00	0.00E+00	0.00E+00	5.03E-05	2.00E-02	7.93E+00	0.00E+00	8.71E-10	2.93E-08	4.67E-03	1.42E-05	1.06E-02	0.00E+00	7.93E+00	2.24E-08	7.93E+00	7.94E+00	1.06E-02</				

VH12DKN	2.78E-03	4.38E-01	0.00E+00	4.38E-01	0.00E+00	0.00E+00	2.88E-01	1.66E-07	1.30E-03	1.43E-02	0.00E+00	0.00E+00	7.71E-12	1.49E-10	1.07E-03	0.00E+00	0.00E+00	0.00E+00	3.88E-05	1.54E-02	6.12E+00	0.00E+00	6.73E-10	2.29E-08	3.60E-03	1.95E-05	8.17E-03	0.00E+00	6.12E+00	1.73E-08	6.12E+00	6.13E+00	8.17E-03	0.00E+00	0.00E+00	0.00E+00	1.67E-03
VH12EP	2.90E-03	4.42E-01	0.00E+00	4.42E-01	0.00E+00	0.00E+00	2.90E-01	1.66E-07	1.31E-03	1.44E-02	0.00E+00	0.00E+00	7.78E-12	1.51E-10	1.08E-03	0.00E+00	0.00E+00	0.00E+00	3.92E-05	1.55E-02	6.18E+00	0.00E+00	6.79E-10	2.30E-08	3.64E-03	1.91E-05	8.25E-03	0.00E+00	6.18E+00	1.74E-08	6.18E+00	6.19E+00	8.25E-03	0.00E+00	0.00E+00	0.00E+00	1.68E-03
VH12ET	2.67E-03	4.21E-01	0.00E+00	4.21E-01	0.00E+00	0.00E+00	2.76E-01	1.58E-07	1.25E-03	1.37E-02	0.00E+00	0.00E+00	7.41E-12	1.43E-10	1.03E-03	0.00E+00	0.00E+00	0.00E+00	3.73E-05	1.48E-02	5.88E+00	0.00E+00	6.47E-10	2.17E-08	3.47E-03	1.95E-05	7.85E-03	0.00E+00	5.88E+00	1.66E-08	5.88E+00	5.89E+00	7.85E-03	0.00E+00	0.00E+00	0.00E+00	1.60E-03
VH12NA	2.80E-03	4.42E-01	0.00E+00	4.42E-01	0.00E+00	0.00E+00	2.80E-01	1.66E-07	1.31E-03	1.44E-02	0.00E+00	0.00E+00	7.77E-12	1.50E-10	1.08E-03	0.00E+00	0.00E+00	0.00E+00	3.91E-05	1.55E-02	6.17E+00	0.00E+00	6.78E-10	2.29E-08	3.63E-03	1.91E-05	8.23E-03	0.00E+00	6.17E+00	1.74E-08	6.17E+00	6.18E+00	8.23E-03	0.00E+00	0.00E+00	0.00E+00	1.68E-03
VH12NC	2.90E-03	4.58E-01	0.00E+00	4.58E-01	0.00E+00	0.00E+00	3.00E-01	1.72E-07	1.36E-03	1.49E-02	0.00E+00	0.00E+00	8.05E-12	1.56E-10	1.12E-03	0.00E+00	0.00E+00	0.00E+00	4.05E-05	1.61E-02	6.39E+00	0.00E+00	7.02E-10	2.36E-08	3.76E-03	1.95E-05	8.53E-03	0.00E+00	6.39E+00	1.80E-08	6.39E+00	6.40E+00	8.53E-03	0.00E+00	0.00E+00	0.00E+00	1.74E-03
VH12NE	2.90E-03	4.58E-01	0.00E+00	4.58E-01	0.00E+00	0.00E+00	3.00E-01	1.72E-07	1.36E-03	1.49E-02	0.00E+00	0.00E+00	8.05E-12	1.56E-10	1.12E-03	0.00E+00	0.00E+00	0.00E+00	4.05E-05	1.61E-02	6.39E+00	0.00E+00	7.02E-10	2.36E-08	3.77E-03	1.95E-05	8.53E-03	0.00E+00	6.39E+00	1.80E-08	6.39E+00	6.40E+00	8.53E-03	0.00E+00	0.00E+00	0.00E+00	1.74E-03
VH12NK	6.97E-04	1.51E-01	0.00E+00	1.51E-01	0.00E+00	0.00E+00	9.89E-02	5.62E-08	4.49E-04	4.93E-03	0.00E+00	0.00E+00	2.65E-12	5.14E-11	3.69E-04	0.00E+00	0.00E+00	0.00E+00	1.34E-05	5.30E-02	2.11E+00	0.00E+00	2.32E-10	7.77E-09	1.24E-03	3.78E-06	2.81E-03	0.00E+00	2.11E+00	5.95E-09	2.11E+00	2.11E+00	2.81E-03	0.00E+00	0.00E+00	0.00E+00	5.74E-04
VH12NN	2.91E-03	4.60E-01	0.00E+00	4.60E-01	0.00E+00	0.00E+00	3.01E-01	1.73E-07	1.36E-03	1.50E-02	0.00E+00	0.00E+00	8.06E-12	1.56E-10	1.12E-03	0.00E+00	0.00E+00	0.00E+00	4.06E-05	1.62E-02	6.41E+00	0.00E+00	7.03E-10	2.37E-08	3.78E-03	1.95E-05	8.56E-03	0.00E+00	6.41E+00	1.81E-08	6.41E+00	6.42E+00	8.56E-03	0.00E+00	0.00E+00	0.00E+00	1.75E-03
VH24AT	3.81E-03	6.01E-01	0.00E+00	6.01E-01	0.00E+00	0.00E+00	3.94E-01	2.26E-07	1.79E-03	1.96E-02	0.00E+00	0.00E+00	1.06E-11	2.04E-10	1.47E-03	0.00E+00	0.00E+00	0.00E+00	5.32E-05	2.11E-02	8.39E+00	0.00E+00	9.22E-10	3.10E-08	4.94E-03	1.50E-05	1.12E-02	0.00E+00	8.39E+00	2.37E-08	8.39E+00	8.40E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.38E-03
VH24DKN	3.80E-03	5.99E-01	0.00E+00	5.99E-01	0.00E+00	0.00E+00	3.93E-01	2.25E-07	1.78E-03	1.95E-02	0.00E+00	0.00E+00	1.05E-11	2.04E-10	1.46E-03	0.00E+00	0.00E+00	0.00E+00	5.30E-05	2.11E-02	8.37E+00	0.00E+00	9.20E-10	3.09E-08	4.93E-03	1.50E-05	1.12E-02	0.00E+00	8.37E+00	2.36E-08	8.37E+00	8.38E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.38E-03
VH24EP	3.80E-03	6.00E-01	0.00E+00	6.00E-01	0.00E+00	0.00E+00	3.94E-01	2.25E-07	1.78E-03	1.96E-02	0.00E+00	0.00E+00	1.06E-11	2.04E-10	1.48E-03	0.00E+00	0.00E+00	0.00E+00	5.31E-05	2.11E-02	8.38E+00	0.00E+00	9.21E-10	3.09E-08	4.94E-03	1.50E-05	1.12E-02	0.00E+00	8.38E+00	2.37E-08	8.38E+00	8.39E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.38E-03
VH24ET	3.76E-03	5.70E-01	0.00E+00	5.70E-01	0.00E+00	0.00E+00	3.75E-01	2.13E-07	1.70E-03	1.86E-02	0.00E+00	0.00E+00	1.00E-11	1.94E-10	1.36E-03	0.00E+00	0.00E+00	0.00E+00	5.06E-05	2.00E-02	7.94E+00	0.00E+00	8.72E-10	2.95E-08	4.88E-03	1.45E-05	1.06E-02	0.00E+00	7.94E+00	2.24E-08	7.94E+00	7.95E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00	2.16E-03
VH24NA	3.82E-03	6.03E-01	0.00E+00	6.03E-01	0.00E+00	0.00E+00	3.95E-01	2.26E-07	1.79E-03	1.97E-02	0.00E+00	0.00E+00	1.06E-11	2.05E-10	1.47E-03	0.00E+00	0.00E+00	0.00E+00	5.34E-05	2.12E-02	8.42E+00	0.00E+00	9.25E-10	3.11E-08	4.99E-03	1.51E-05	1.12E-02	0.00E+00	8.42E+00	2.38E-08	8.42E+00	8.43E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.39E-03
VH24NC	3.98E-03	6.28E-01	0.00E+00	6.28E-01	0.00E+00	0.00E+00	4.12E-01	2.38E-07	1.87E-03	2.05E-02	0.00E+00	0.00E+00	1.11E-11	2.14E-10	1.53E-03	0.00E+00	0.00E+00	0.00E+00	5.65E-05	2.21E-02	8.78E+00	0.00E+00	9.64E-10	3.24E-08	5.17E-03	1.57E-05	1.17E-02	0.00E+00	8.78E+00	2.48E-08	8.78E+00	8.79E+00	1.17E-02	0.00E+00	0.00E+00	0.00E+00	2.39E-03
VH24NE	3.92E-03	6.18E-01	0.00E+00	6.18E-01	0.00E+00	0.00E+00	4.06E-01	2.32E-07	1.84E-03	2.02E-02	0.00E+00	0.00E+00	1.09E-11	2.10E-10	1.51E-03	0.00E+00	0.00E+00	0.00E+00	5.47E-05	2.17E-02	8.64E+00	0.00E+00	9.49E-10	3.19E-08	5.07E-03	1.55E-05	1.15E-02	0.00E+00	8.64E+00	2.44E-08	8.64E+00	8.65E+00	1.15E-02	0.00E+00	0.00E+00	0.00E+00	2.35E-03
VH24NK	1.22E-03	1.93E-01	0.00E+00	1.93E-01	0.00E+00	0.00E+00	1.26E-01	7.24E-08	6.73E-04	6.29E-03	0.00E+00	0.00E+00	3.39E-12	6.56E-11	4.70E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-05	6.78E-02	2.69E+00	0.00E+00	2.96E-10	9.95E-09	1.59E-03	4.83E-06	3.59E-03	0.00E+00	2.69E+00	7.60E-09	2.69E+00	2.70E+00	3.59E-03	0.00E+00	0.00E+00	0.00E+00	7.33E-04
VH24NN	3.97E-03	6.27E-01	0.00E+00	6.27E-01	0.00E+00	0.00E+00	4.11E-01	2.35E-07	1.86E-03	2.04E-02	0.00E+00	0.00E+00	1.10E-11	2.13E-10	1.53E-03	0.00E+00	0.00E+00	0.00E+00	5.59E-05	2.20E-02	8.75E+00	0.00E+00	9.62E-10	3.23E-08	5.15E-03	1.57E-05	1.17E-02	0.00E+00	8.75E+00	2.47E-08	8.75E+00	8.76E+00	1.17E-02	0.00E+00	0.00E+00	0.00E+00	2.39E-03
VH24NW	3.32E-03	5.23E-01	0.00E+00	5.23E-01	0.00E+00	0.00E+00	3.43E-01	1.97E-07	1.55E-03	1.71E-02	0.00E+00	0.00E+00	9.21E-12	1.78E-10	1.28E-03	0.00E+00	0.00E+00	0.00E+00	4.83E-05	1.84E-02	7.31E+00	0.00E+00	8.03E-10	2.70E-08	4.30E-03	1.31E-05	9.76E-03	0.00E+00	7.31E+00	2.06E-08	7.31E+00	7.32E+00	9.76E-03	0.00E+00	0.00E+00	0.00E+00	1.99E-03
VH36AT	5.16E-03	8.20E-01	0.00E+00	8.20E-01	0.00E+00	0.00E+00	5.37E-01	3.08E-07	2.44E-03	2.67E-02	0.00E+00	0.00E+00	1.44E-11	2.79E-10	2.00E-03	0.00E+00	0.00E+00	0.00E+00	7.26E-05	2.88E-02	1.15E+01	0.00E+00	1.26E-09	4.23E-08	6.74E-03	2.05E-05	1.53E-02	0.00E+00	1.15E+01	3.23E-08	1.15E+01	1.15E+01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	3.12E-03
VH36DKN	4.88E-03	7.40E-01	0.00E+00	7.40E-01	0.00E+00	0.00E+00	4.85E-01	2.78E-07	2.20E-03	2.47E-02	0.00E+00	0.00E+00	1.30E-11	2.52E-10	1.80E-03	0.00E+00	0.00E+00	0.00E+00	6.55E-05	2.60E-02	1.03E+01	0.00E+00	1.14E-09	3.91E-08	6.09E-03	1.85E-05	1.38E-02	0.00E+00	1.03E+01	2.92E-08	1.03E+01	1.03E+01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	2.81E-03
VH36EP	4.77E-03	7.38E-01	0.00E+00	7.38E-01	0.00E+00	0.00E+00	4.84E-01	2.78E-07	2.24E-03	2.48E-02	0.00E+00	0.00E+00	1.32E-11	2.52E-10	1.84E-03	0.00E+00	0.00E+00	0.00E+00	6.67E-05	2.61E-02	1.05E+01	0.00E+00	1.16E-09	3.88E-08	6.19E-03	1.85E-05	1.40E-02	0.00E+00	1.05E+01	2.97E-08	1.05E+01	1.05E+01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.86E-03
VH36ET	4.45E-03	6.89E-01	0.00E+00	6.89E-01	0.00E+00	0.00E+00	4.51E-01	2.59E-07	2.04E-03	2.24E-02	0.00E+00	0.00E+00	1.23E-11	2.34E-10	1.68E-03	0.00E+00	0.00E+00	0.00E+00	6.08E-05	2.42E-02	9.61E+00	0.00E+00	1.05E-09	3.55E-08	5.65E-03	1.73E-05	1.28E-02	0.00E+00	9.61E+00	2.70E-08	9.61E+00	9.69E+00	1.28E-02	0.00E+00	0.00E+00	0.00E+00	2.61E-03
VH36NA	4.58E-03	7.23E-01	0.00E+00	7.23E-01	0.00E+00	0.00E+00	4.74E-01	2.71E-07	2.15E-03	2.36E-02	0.00E+00	0.00E+00	1.27E-11	2.46E-10	1.78E-03	0.00E+00	0.00E+00	0.00E+00	6.40E-05	2.54E-02	1.01E+01	0.00E+00	1.11E-09	3.73E-08	5.94E-03	1.81E-05	1.35E-02	0.00E+00	1.01E+01	2.85E-08	1.01E+01	1.01E+01	1.35E-02	0.00E+00	0.00E+00	0.00E+00	2.75E-03
VH36NC	4.98E-03	7.85E-01	0.00E+00	7.85E-01	0.00E+00	0.00E+00	5.15E-01	2.95E-07	2.33E-03	2.56E-02	0.00E+00	0.00E+00	1.38E-11	2.67E-10	1.91E-03	0.00E+00	0.00E+00	0.00E+00	6.95E-05	2.78E-02	1.10E+01	0.00E+00	1.20E-09	4.05E-08	6.44E-03	1.96E-05	1.46E-02	0.00E+00	1.10E+01	3.09E-08	1.10E+01	1.10E+01	1.46E-02	0.00E+00	0.00E+00	0.00E+00	2.98E-03
VH36NCT	3.77E-03	5.75E-01	0.00E+00	5.75E-01	0.00E+00	0.00E+00	3.78E-01	2.16E-07	1.71E-03	1.88E-02	0.00E+00	0.00E+00	1.01E-11	1.96E-10	1.40E-03	0.00E+00	0.00E+00	0.00E+00	5.10E-05	2.02E-02	8.05E+00	0.00E+00	8.82E-10	2.98E-08	4.73E-03	1.44E-05	1.07E-02	0.00E+00	8.05E+00	2.27E-08	8.05E+00	8.04E+00	1.07E-02	0.00E+00	0.00E+00		

VR108TD	6.93E-04	1.08E-01	0.00E+00	1.08E-01	0.00E+00	0.00E+00	7.09E-02	4.06E-08	3.21E-04	3.53E-03	0.00E+00	0.00E+00	1.90E-12	3.88E-11	2.64E-04	0.00E+00	0.00E+00	0.00E+00	9.57E-06	3.80E-03	1.51E-00	0.00E+00	1.66E-10	5.57E-09	8.89E-04	2.71E-06	2.02E-03	0.00E+00	1.51E-00	4.26E-09	1.51E-00	1.51E-00	2.02E-03	0.00E+00	0.00E+00	0.00E+00	4.11E-04
VR108TF	6.19E-04	9.78E-02	0.00E+00	9.78E-02	0.00E+00	0.00E+00	6.42E-02	3.66E-08	2.91E-04	3.19E-03	0.00E+00	0.00E+00	1.72E-12	3.34E-11	2.39E-04	0.00E+00	0.00E+00	0.00E+00	8.88E-06	3.44E-03	1.37E-00	0.00E+00	1.50E-10	5.03E-09	8.03E-04	2.44E-06	1.83E-03	0.00E+00	1.37E-00	3.85E-09	1.37E-00	1.36E-00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	3.71E-04
VR108TP	7.03E-04	1.10E-01	0.00E+00	1.10E-01	0.00E+00	0.00E+00	7.19E-02	4.12E-08	3.26E-04	3.57E-03	0.00E+00	0.00E+00	1.93E-12	3.73E-11	2.87E-04	0.00E+00	0.00E+00	0.00E+00	9.70E-06	3.85E-03	1.53E-00	0.00E+00	1.68E-10	5.65E-09	9.01E-04	2.74E-06	2.04E-03	0.00E+00	1.53E-00	4.32E-09	1.53E-00	1.53E-00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	4.17E-04
VR112NE	7.84E-04	1.16E-01	0.00E+00	1.16E-01	0.00E+00	0.00E+00	7.61E-02	4.38E-08	3.45E-04	3.78E-03	0.00E+00	0.00E+00	2.04E-12	3.95E-11	2.83E-04	0.00E+00	0.00E+00	0.00E+00	1.03E-05	4.08E-03	1.62E-00	0.00E+00	1.78E-10	5.98E-09	9.54E-04	2.90E-06	2.16E-03	0.00E+00	1.62E-00	4.57E-09	1.62E-00	1.62E-00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	4.41E-04
VR112NH	5.91E-04	9.18E-02	0.00E+00	9.18E-02	0.00E+00	0.00E+00	6.02E-02	3.45E-08	2.73E-04	2.99E-03	0.00E+00	0.00E+00	1.62E-12	3.13E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.13E-06	3.23E-03	1.28E-00	0.00E+00	1.41E-10	4.74E-09	7.55E-04	2.36E-06	1.71E-03	0.00E+00	1.28E-00	3.62E-09	1.28E-00	1.28E-00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	3.49E-04
VR112PD	8.91E-04	1.40E-01	0.00E+00	1.40E-01	0.00E+00	0.00E+00	9.16E-02	5.26E-08	4.16E-04	4.56E-03	0.00E+00	0.00E+00	2.48E-12	4.76E-11	3.41E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-05	4.91E-03	1.96E-00	0.00E+00	2.14E-10	7.22E-09	1.15E-03	3.51E-06	2.61E-03	0.00E+00	1.96E-00	5.51E-09	1.96E-00	1.96E-00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	5.31E-04
VR112PP	6.83E-04	1.39E-01	0.00E+00	1.39E-01	0.00E+00	0.00E+00	9.14E-02	5.20E-08	4.14E-04	4.54E-03	0.00E+00	0.00E+00	2.45E-12	4.74E-11	3.40E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-05	4.90E-03	1.95E-00	0.00E+00	2.14E-10	7.19E-09	1.15E-03	3.49E-06	2.60E-03	0.00E+00	1.95E-00	5.49E-09	1.95E-00	1.95E-00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	5.30E-04
VR112TD	8.91E-04	1.40E-01	0.00E+00	1.40E-01	0.00E+00	0.00E+00	9.16E-02	5.26E-08	4.16E-04	4.56E-03	0.00E+00	0.00E+00	2.48E-12	4.76E-11	3.41E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-05	4.91E-03	1.96E-00	0.00E+00	2.14E-10	7.22E-09	1.15E-03	3.51E-06	2.61E-03	0.00E+00	1.96E-00	5.51E-09	1.96E-00	1.96E-00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	5.31E-04
VR112TP	8.91E-04	1.40E-01	0.00E+00	1.40E-01	0.00E+00	0.00E+00	9.16E-02	5.26E-08	4.16E-04	4.56E-03	0.00E+00	0.00E+00	2.48E-12	4.76E-11	3.41E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-05	4.91E-03	1.96E-00	0.00E+00	2.14E-10	7.22E-09	1.15E-03	3.51E-06	2.61E-03	0.00E+00	1.96E-00	5.51E-09	1.96E-00	1.96E-00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	5.31E-04
VR118NE	1.03E-03	1.52E-01	0.00E+00	1.52E-01	0.00E+00	0.00E+00	9.98E-02	5.72E-08	4.52E-04	4.96E-03	0.00E+00	0.00E+00	2.68E-12	5.18E-11	3.71E-04	0.00E+00	0.00E+00	0.00E+00	1.33E-05	5.35E-03	2.13E-00	0.00E+00	2.34E-10	7.95E-09	1.25E-03	3.91E-06	2.94E-03	0.00E+00	2.13E-00	6.03E-09	2.13E-00	2.13E-00	2.94E-03	0.00E+00	0.00E+00	0.00E+00	5.79E-04
VR118NH	8.15E-04	1.27E-01	0.00E+00	1.27E-01	0.00E+00	0.00E+00	8.30E-02	4.75E-08	3.76E-04	4.13E-03	0.00E+00	0.00E+00	2.23E-12	4.31E-11	3.09E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-05	4.45E-03	1.77E-00	0.00E+00	1.94E-10	6.53E-09	1.04E-03	3.17E-06	2.36E-03	0.00E+00	1.77E-00	4.99E-09	1.77E-00	1.77E-00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	4.91E-04
VR118NP	1.10E-03	1.71E-01	0.00E+00	1.71E-01	0.00E+00	0.00E+00	1.12E-01	6.41E-08	5.08E-04	5.57E-03	0.00E+00	0.00E+00	3.06E-12	5.81E-11	4.16E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-05	6.06E-03	2.39E-00	0.00E+00	2.62E-10	8.81E-09	1.40E-03	4.27E-06	3.18E-03	0.00E+00	2.39E-00	6.75E-09	2.39E-00	2.39E-00	3.18E-03	0.00E+00	0.00E+00	0.00E+00	6.49E-04
VR118PD	1.14E-03	1.78E-01	0.00E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-01	6.67E-08	5.29E-04	5.79E-03	0.00E+00	0.00E+00	3.12E-12	6.05E-11	4.33E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-05	6.24E-03	2.48E-00	0.00E+00	2.73E-10	9.15E-09	1.46E-03	4.44E-06	3.31E-03	0.00E+00	2.48E-00	7.00E-09	2.48E-00	2.48E-00	3.31E-03	0.00E+00	0.00E+00	0.00E+00	6.76E-04
VR118PP	1.18E-03	1.86E-01	0.00E+00	1.86E-01	0.00E+00	0.00E+00	1.22E-01	6.99E-08	5.53E-04	6.07E-03	0.00E+00	0.00E+00	3.26E-12	6.31E-11	4.54E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-05	6.54E-03	2.60E-00	0.00E+00	2.87E-10	9.50E-09	1.48E-03	4.66E-06	3.47E-03	0.00E+00	2.60E-00	7.34E-09	2.60E-00	2.60E-00	3.47E-03	0.00E+00	0.00E+00	0.00E+00	7.08E-04
VR118TP	1.14E-03	1.80E-01	0.00E+00	1.80E-01	0.00E+00	0.00E+00	1.18E-01	6.78E-08	5.36E-04	5.88E-03	0.00E+00	0.00E+00	3.17E-12	6.14E-11	4.40E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-05	6.34E-03	2.52E-00	0.00E+00	2.77E-10	9.30E-09	1.48E-03	4.52E-06	3.36E-03	0.00E+00	2.52E-00	7.11E-09	2.52E-00	2.52E-00	3.36E-03	0.00E+00	0.00E+00	0.00E+00	6.98E-04
VR212NE	1.25E-03	1.97E-01	0.00E+00	1.97E-01	0.00E+00	0.00E+00	1.29E-01	7.40E-08	5.85E-04	6.42E-03	0.00E+00	0.00E+00	3.47E-12	6.71E-11	4.80E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-05	6.92E-03	2.75E-00	0.00E+00	3.02E-10	1.02E-08	1.62E-03	4.93E-06	3.67E-03	0.00E+00	2.75E-00	7.76E-09	2.75E-00	2.75E-00	3.67E-03	0.00E+00	0.00E+00	0.00E+00	7.49E-04
VR212NE1	5.16E-04	7.69E-02	0.00E+00	7.69E-02	0.00E+00	0.00E+00	5.05E-02	2.89E-08	2.29E-04	2.51E-03	0.00E+00	0.00E+00	1.35E-12	2.62E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.81E-06	2.70E-03	1.07E-00	0.00E+00	1.18E-10	3.97E-09	6.33E-04	1.93E-06	1.43E-03	0.00E+00	1.07E-00	3.03E-09	1.07E-00	1.07E-00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	2.02E-04
VR212NE2	1.46E-04	2.30E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.51E-02	8.63E-09	6.85E-05	7.50E-04	0.00E+00	0.00E+00	4.03E-13	7.83E-12	5.60E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	8.09E-04	3.22E-01	0.00E+00	3.53E-11	1.19E-09	4.89E-04	5.76E-07	4.29E-04	0.00E+00	3.22E-01	3.06E-10	3.22E-01	3.31E-01	4.29E-04	0.00E+00	0.00E+00	0.00E+00	8.76E-05
VR212NE3	3.55E-04	5.57E-02	0.00E+00	5.57E-02	0.00E+00	0.00E+00	3.65E-02	2.09E-08	1.66E-04	1.82E-03	0.00E+00	0.00E+00	9.80E-13	1.90E-11	1.36E-04	0.00E+00	0.00E+00	0.00E+00	4.93E-06	1.98E-03	7.78E-01	0.00E+00	8.55E-11	2.87E-09	4.59E-04	1.39E-06	1.04E-03	0.00E+00	7.78E-01	2.20E-09	7.78E-01	7.79E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04
VR212NEB	1.26E-03	1.88E-01	0.00E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-01	7.00E-08	5.54E-04	6.06E-03	0.00E+00	0.00E+00	3.26E-12	6.35E-11	4.55E-04	0.00E+00	0.00E+00	0.00E+00	1.55E-05	6.55E-03	2.61E-00	0.00E+00	2.86E-10	9.52E-09	1.53E-03	4.67E-06	3.48E-03	0.00E+00	2.61E-00	7.35E-09	2.61E-00	2.61E-00	3.48E-03	0.00E+00	0.00E+00	0.00E+00	7.09E-04
VR212NH	1.14E-03	1.78E-01	0.00E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-01	6.67E-08	5.29E-04	5.79E-03	0.00E+00	0.00E+00	3.12E-12	6.05E-11	4.33E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-05	6.24E-03	2.48E-00	0.00E+00	2.73E-10	9.15E-09	1.46E-03	4.44E-06	3.31E-03	0.00E+00	2.48E-00	7.00E-09	2.48E-00	2.48E-00	3.31E-03	0.00E+00	0.00E+00	0.00E+00	6.76E-04
VR212NH1	5.16E-04	7.69E-02	0.00E+00	7.69E-02	0.00E+00	0.00E+00	5.05E-02	2.89E-08	2.29E-04	2.51E-03	0.00E+00	0.00E+00	1.35E-12	2.62E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.81E-06	2.70E-03	1.07E-00	0.00E+00	1.18E-10	3.97E-09	6.33E-04	1.93E-06	1.43E-03	0.00E+00	1.07E-00	3.03E-09	1.07E-00	1.07E-00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	2.02E-04
VR212PD	1.51E-03	2.36E-01	0.00E+00	2.36E-01	0.00E+00	0.00E+00	1.55E-01	8.86E-08	7.01E-04	7.69E-03	0.00E+00	0.00E+00	4.15E-12	8.03E-11	5.75E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-05	8.29E-03	3.29E-00	0.00E+00	3.62E-10	1.22E-08	1.94E-03	5.90E-06	4.39E-03	0.00E+00	3.29E-00	9.29E-09	3.29E-00	3.30E-00	4.39E-03	0.00E+00	0.00E+00	0.00E+00	8.96E-04
VR212PDM	1.36E-03	2.14E-01	0.00E+00	2.14E-01	0.00E+00	0.00E+00	1.40E-01	8.01E-08	6.32E-04	6.97E-03	0.00E+00	0.00E+00	3.75E-12	7.27E-11	5.23E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-05	7.50E-03	2.99E-00	0.00E+00	3.28E-10	1.12E-08	1.76E-03	5.34E-06	3.98E-03	0.00E+00	2.99E-00	8.42E-09	2.99E-00	2.99E-00	3.98E-03	0.00E+00	0.00E+00	0.00E+00	8.13E-04
VR212PP	1.50E-03	2.37E-01	0.00E+00	2.37E-01	0.00E+00	0.00E+00	1.55E-01	8.90E-08	7.05E-04	7.73E-03	0.00E+00	0.00E+00	4.17E-12	8.07E-11	5.78E-04	0.00E+00	0.00E+00	0.00E+00	2.10E-05	8.33E-03	3.31E-00	0.00E+00	3.64E-10	1.22E-08	1.95E-03	5.93E-06	4.42E-03	0.00E+00	3.31E-00	9.34E-09	3.31E-00	3.32E-00	4.42E-03				

VS112TD	1.22E-03	1.92E-01	0.00E+00	1.92E-01	0.00E+00	0.00E+00	1.26E-01	7.23E-08	5.72E-04	6.27E-03	0.00E+00	0.00E+00	3.38E-12	6.55E-11	4.89E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-05	6.78E-03	2.89E+00	0.00E+00	2.95E-10	9.92E-09	1.58E-03	4.82E-06	3.98E-03	0.00E+00	2.99E+00	7.58E-09	2.89E+00	2.89E+00	3.58E-03	0.00E+00	0.00E+00	0.00E+00	7.31E-04
VS112TE	1.19E-03	1.88E-01	0.00E+00	1.88E-01	0.00E+00	0.00E+00	1.24E-01	7.08E-08	5.60E-04	6.14E-03	0.00E+00	0.00E+00	3.31E-12	6.41E-11	4.59E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-05	6.62E-03	2.83E+00	0.00E+00	2.89E-10	9.72E-09	1.55E-03	4.72E-06	3.51E-03	0.00E+00	2.63E+00	7.42E-09	2.63E+00	2.64E+00	3.51E-03	0.00E+00	0.00E+00	0.00E+00	7.16E-04
VS112TF	1.16E-03	1.83E-01	0.00E+00	1.83E-01	0.00E+00	0.00E+00	1.20E-01	6.88E-08	5.44E-04	5.97E-03	0.00E+00	0.00E+00	3.22E-12	6.23E-11	4.46E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-05	6.43E-03	2.56E+00	0.00E+00	2.81E-10	9.44E-09	1.50E-03	4.58E-06	3.41E-03	0.00E+00	2.58E+00	7.21E-09	2.56E+00	2.56E+00	3.41E-03	0.00E+00	0.00E+00	0.00E+00	6.96E-04
VS112TJ	1.23E-03	1.94E-01	0.00E+00	1.94E-01	0.00E+00	0.00E+00	1.27E-01	7.30E-08	5.77E-04	6.34E-03	0.00E+00	0.00E+00	3.42E-12	6.61E-11	4.74E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-05	6.83E-03	2.71E+00	0.00E+00	2.98E-10	1.00E-08	1.60E-03	4.88E-06	3.62E-03	0.00E+00	2.71E+00	7.66E-09	2.71E+00	2.72E+00	3.62E-03	0.00E+00	0.00E+00	0.00E+00	7.39E-04
VS112TM	1.22E-03	1.92E-01	0.00E+00	1.92E-01	0.00E+00	0.00E+00	1.26E-01	7.23E-08	5.72E-04	6.27E-03	0.00E+00	0.00E+00	3.38E-12	6.55E-11	4.89E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-05	6.78E-03	2.89E+00	0.00E+00	2.95E-10	9.92E-09	1.58E-03	4.82E-06	3.98E-03	0.00E+00	2.99E+00	7.58E-09	2.89E+00	2.89E+00	3.58E-03	0.00E+00	0.00E+00	0.00E+00	7.31E-04
VS112TP	1.37E-03	2.16E-01	0.00E+00	2.16E-01	0.00E+00	0.00E+00	1.42E-01	8.11E-08	6.42E-04	7.04E-03	0.00E+00	0.00E+00	3.80E-12	7.35E-11	5.28E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-05	7.59E-03	3.01E+00	0.00E+00	3.31E-10	1.11E-08	1.78E-03	5.40E-06	4.02E-03	0.00E+00	3.01E+00	8.51E-09	3.01E+00	3.02E+00	4.02E-03	0.00E+00	0.00E+00	0.00E+00	8.21E-04
VS112TR	1.27E-03	2.00E-01	0.00E+00	2.00E-01	0.00E+00	0.00E+00	1.31E-01	7.53E-08	5.95E-04	6.53E-03	0.00E+00	0.00E+00	3.52E-12	6.82E-11	4.89E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-05	7.04E-03	2.92E+00	0.00E+00	3.08E-10	1.03E-08	1.65E-03	5.02E-06	3.73E-03	0.00E+00	2.92E+00	7.90E-09	2.92E+00	2.92E+00	3.73E-03	0.00E+00	0.00E+00	0.00E+00	7.62E-04
VS112TS	1.27E-03	2.00E-01	0.00E+00	2.00E-01	0.00E+00	0.00E+00	1.31E-01	7.53E-08	5.95E-04	6.53E-03	0.00E+00	0.00E+00	3.52E-12	6.82E-11	4.88E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-05	7.04E-03	2.89E+00	0.00E+00	3.08E-10	1.03E-08	1.65E-03	5.02E-06	3.73E-03	0.00E+00	2.92E+00	7.90E-09	2.92E+00	2.92E+00	3.73E-03	0.00E+00	0.00E+00	0.00E+00	7.62E-04
VS112TY	1.28E-03	2.03E-01	0.00E+00	2.03E-01	0.00E+00	0.00E+00	1.33E-01	7.61E-08	6.02E-04	6.61E-03	0.00E+00	0.00E+00	3.58E-12	6.90E-11	4.94E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-05	7.12E-03	2.83E+00	0.00E+00	3.11E-10	1.05E-08	1.67E-03	5.07E-06	3.78E-03	0.00E+00	2.83E+00	7.99E-09	2.83E+00	2.84E+00	3.78E-03	0.00E+00	0.00E+00	0.00E+00	7.71E-04
VS118PA	1.67E-03	2.63E-01	0.00E+00	2.63E-01	0.00E+00	0.00E+00	1.72E-01	9.88E-08	7.92E-04	8.58E-03	0.00E+00	0.00E+00	4.62E-12	8.96E-11	6.42E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-05	9.28E-03	3.68E+00	0.00E+00	4.04E-10	1.36E-08	2.18E-03	6.59E-06	4.91E-03	0.00E+00	3.68E+00	1.04E-09	3.68E+00	3.68E+00	4.91E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-03
VS118PD	1.67E-03	2.63E-01	0.00E+00	2.63E-01	0.00E+00	0.00E+00	1.72E-01	9.87E-08	7.91E-04	8.57E-03	0.00E+00	0.00E+00	4.62E-12	8.95E-11	6.41E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-05	9.24E-03	3.67E+00	0.00E+00	4.04E-10	1.36E-08	2.18E-03	6.58E-06	4.90E-03	0.00E+00	3.67E+00	1.04E-09	3.67E+00	3.68E+00	4.90E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-03
VS118PES	1.74E-03	2.75E-01	0.00E+00	2.75E-01	0.00E+00	0.00E+00	1.80E-01	1.03E-07	8.17E-04	8.96E-03	0.00E+00	0.00E+00	4.83E-12	9.35E-11	6.70E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-05	9.66E-03	3.84E+00	0.00E+00	4.22E-10	1.42E-08	2.26E-03	6.88E-06	5.12E-03	0.00E+00	3.84E+00	1.08E-09	3.84E+00	3.84E+00	5.12E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03
VS118PF	1.57E-03	2.48E-01	0.00E+00	2.48E-01	0.00E+00	0.00E+00	1.63E-01	9.33E-08	7.39E-04	8.10E-03	0.00E+00	0.00E+00	4.37E-12	8.45E-11	6.09E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-05	8.73E-03	3.47E+00	0.00E+00	3.62E-10	1.28E-08	2.04E-03	6.22E-06	4.83E-03	0.00E+00	3.47E+00	9.80E-09	3.47E+00	3.48E+00	4.83E-03	0.00E+00	0.00E+00	0.00E+00	9.44E-04
VS118PJ	1.67E-03	2.63E-01	0.00E+00	2.63E-01	0.00E+00	0.00E+00	1.72E-01	9.88E-08	7.92E-04	8.58E-03	0.00E+00	0.00E+00	4.63E-12	8.92E-11	6.42E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-05	9.28E-03	3.68E+00	0.00E+00	4.04E-10	1.36E-08	2.18E-03	6.59E-06	4.91E-03	0.00E+00	3.68E+00	1.04E-09	3.68E+00	3.68E+00	4.91E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-03
VS118PJ1	1.70E-03	2.68E-01	0.00E+00	2.68E-01	0.00E+00	0.00E+00	1.76E-01	1.01E-07	7.98E-04	8.74E-03	0.00E+00	0.00E+00	4.72E-12	9.13E-11	6.55E-04	0.00E+00	0.00E+00	0.00E+00	2.38E-05	9.43E-03	3.75E+00	0.00E+00	4.11E-10	1.38E-08	2.21E-03	6.70E-06	5.00E-03	0.00E+00	3.75E+00	1.06E-09	3.75E+00	3.75E+00	5.00E-03	0.00E+00	0.00E+00	0.00E+00	1.02E-03
VS118PM	6.19E-04	9.78E-02	0.00E+00	9.78E-02	0.00E+00	0.00E+00	6.42E-02	3.66E-08	2.91E-04	3.19E-03	0.00E+00	0.00E+00	1.72E-12	3.34E-11	2.39E-04	0.00E+00	0.00E+00	0.00E+00	8.68E-08	3.44E-03	1.37E+00	0.00E+00	1.50E-10	5.03E-09	8.03E-04	2.44E-06	1.83E-03	0.00E+00	1.37E+00	3.85E-09	1.37E+00	1.36E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	3.71E-04
VS118PP	1.75E-03	2.77E-01	0.00E+00	2.77E-01	0.00E+00	0.00E+00	1.81E-01	1.04E-07	8.22E-04	9.02E-03	0.00E+00	0.00E+00	4.97E-12	9.41E-11	6.74E-04	0.00E+00	0.00E+00	0.00E+00	2.45E-05	9.72E-03	3.98E+00	0.00E+00	4.24E-10	1.43E-08	2.27E-03	6.92E-06	5.15E-03	0.00E+00	3.98E+00	1.09E-09	3.98E+00	3.97E+00	5.15E-03	0.00E+00	0.00E+00	0.00E+00	1.05E-03
VS118PS	1.77E-03	2.79E-01	0.00E+00	2.79E-01	0.00E+00	0.00E+00	1.83E-01	1.05E-07	8.30E-04	9.10E-03	0.00E+00	0.00E+00	4.91E-12	9.50E-11	6.81E-04	0.00E+00	0.00E+00	0.00E+00	2.47E-05	9.81E-03	3.99E+00	0.00E+00	4.29E-10	1.44E-08	2.30E-03	6.99E-06	5.20E-03	0.00E+00	3.99E+00	1.10E-09	3.99E+00	3.91E+00	5.20E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-03
VS118PT	2.11E-03	3.33E-01	0.00E+00	3.33E-01	0.00E+00	0.00E+00	2.18E-01	1.25E-07	9.89E-04	1.09E-02	0.00E+00	0.00E+00	5.86E-12	1.13E-10	8.12E-04	0.00E+00	0.00E+00	0.00E+00	2.95E-05	1.17E-02	4.65E+00	0.00E+00	5.11E-10	1.72E-08	2.74E-03	8.33E-06	6.20E-03	0.00E+00	4.65E+00	1.31E-09	4.65E+00	4.66E+00	6.20E-03	0.00E+00	0.00E+00	0.00E+00	1.27E-03
VS118PY	1.74E-03	2.74E-01	0.00E+00	2.74E-01	0.00E+00	0.00E+00	1.80E-01	1.03E-07	8.14E-04	8.92E-03	0.00E+00	0.00E+00	4.82E-12	9.32E-11	6.69E-04	0.00E+00	0.00E+00	0.00E+00	2.42E-05	9.63E-03	3.82E+00	0.00E+00	4.20E-10	1.41E-08	2.25E-03	6.88E-06	5.11E-03	0.00E+00	3.82E+00	1.08E-09	3.82E+00	3.82E+00	5.11E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03
VS118TA	1.70E-03	2.68E-01	0.00E+00	2.68E-01	0.00E+00	0.00E+00	1.76E-01	1.01E-07	7.98E-04	8.74E-03	0.00E+00	0.00E+00	4.72E-12	9.13E-11	6.55E-04	0.00E+00	0.00E+00	0.00E+00	2.38E-05	9.43E-03	3.75E+00	0.00E+00	4.11E-10	1.38E-08	2.21E-03	6.70E-06	5.00E-03	0.00E+00	3.75E+00	1.06E-09	3.75E+00	3.75E+00	5.00E-03	0.00E+00	0.00E+00	0.00E+00	1.02E-03
VS118TD	1.73E-03	2.73E-01	0.00E+00	2.73E-01	0.00E+00	0.00E+00	1.79E-01	1.03E-07	8.11E-04	8.90E-03	0.00E+00	0.00E+00	4.80E-12	9.29E-11	6.66E-04	0.00E+00	0.00E+00	0.00E+00	2.42E-05	9.59E-03	3.81E+00	0.00E+00	4.19E-10	1.41E-08	2.24E-03	6.83E-06	5.09E-03	0.00E+00	3.81E+00	1.08E-09	3.81E+00	3.82E+00	5.09E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03
VS118TES	1.78E-03	2.76E-01	0.00E+00	2.76E-01	0.00E+00	0.00E+00	1.81E-01	1.04E-07	8.22E-04	9.01E-03	0.00E+00	0.00E+00	4.86E-12	9.41E-11	6.74E-04	0.00E+00	0.00E+00	0.00E+00	2.45E-05	9.72E-03	3.88E+00	0.00E+00	4.24E-10	1.43E-08	2.27E-03	6.92E-06	5.15E-03	0.00E+00	3.88E+00	1.09E-09	3.88E+00	3.97E+00	5.15E-03	0.00E+00	0.00E+00	0.00E+00	1.05E-03
VS118TF	1.57E-03	2.48E-01	0.00E+00	2.48E-01	0.00E+00	0.00E+00	1.63E-01	9.32E-08	7.37E-04	8.09E-03	0.00E+00	0.00E+00	4.37E-12	8.45E-11	6.09E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-05	8.72E-03	3.47E+00	0.00E+00	3.61E-10	1.28E-08	2.04E-03	6.21E-06	4.83E-03	0.00E+00	3.47E+00	9.79E-09	3.47E+00	3.47E+00	4.83E-03	0.00E+00	0.00E+00	0.00E+00	9.44E-04
VS118TJ	1.67E-03	2.63E-01	0.00E+00	2.63E-01	0.00E+00	0.00E+00	1.72E-01	9.88E-08	7.92E-04	8.58E-03	0.00E+00	0.00E+00	4.63E-12	8.96E-11	6.42E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-05	9.28E-03	3.68E+00	0.00E+00	4.04E-10	1.36E-08	2.18E-03	6.59E-06	4.91E-03	0.00E+00	3.68E+00	1.04E-09	3.68E+00	3.68E+00	4.91E-03</				

VS218PT	3.25e-03	5.12e-01	0.00e+00	5.12e-01	0.00e+00	0.00e+00	1.95e-07	1.52e-03	1.67e-02	0.00e+00	0.00e+00	9.01e-12	1.74e-10	1.25e-03	0.00e+00	0.00e+00	4.53e-05	1.80e-02	7.15e-08	0.00e+00	7.88e-10	2.84e-08	4.21e-03	1.28e-05	9.55e-03	0.00e+00	7.15e-08	2.02e-08	7.15e-08	7.18e-08	9.55e-03	0.00e+00	0.00e+00	0.00e+00	1.95e-03	
VS218PY	2.49e-03	3.93e-01	0.00e+00	3.93e-01	0.00e+00	0.00e+00	2.58e-01	1.48e-07	1.17e-03	1.28e-02	0.00e+00	0.00e+00	6.92e-12	1.34e-10	9.59e-04	0.00e+00	0.00e+00	3.48e-05	1.38e-02	5.49e-08	0.00e+00	6.03e-10	2.03e-08	3.23e-03	9.84e-06	7.33e-03	0.00e+00	5.49e-08	1.55e-08	5.49e-08	5.50e-08	7.33e-03	0.00e+00	0.00e+00	0.00e+00	1.49e-03
VS218TA	2.41e-03	3.78e-01	0.00e+00	3.78e-01	0.00e+00	0.00e+00	2.48e-01	1.42e-07	1.12e-03	1.23e-02	0.00e+00	0.00e+00	6.65e-12	1.29e-10	9.22e-04	0.00e+00	0.00e+00	3.35e-05	1.33e-02	5.28e-08	0.00e+00	5.80e-10	1.95e-08	3.11e-03	9.48e-06	7.05e-03	0.00e+00	5.28e-08	1.49e-08	5.28e-08	5.29e-08	7.05e-03	0.00e+00	0.00e+00	0.00e+00	1.44e-03
VS218TD	2.37e-03	3.74e-01	0.00e+00	3.74e-01	0.00e+00	0.00e+00	2.45e-01	1.41e-07	1.11e-03	1.22e-02	0.00e+00	0.00e+00	6.59e-12	1.27e-10	9.13e-04	0.00e+00	0.00e+00	3.31e-05	1.32e-02	5.23e-08	0.00e+00	5.74e-10	1.93e-08	3.06e-03	9.37e-06	6.98e-03	0.00e+00	5.23e-08	1.48e-08	5.23e-08	5.23e-08	6.98e-03	0.00e+00	0.00e+00	0.00e+00	1.42e-03
VS218TES	2.58e-03	3.90e-01	0.00e+00	3.90e-01	0.00e+00	0.00e+00	2.56e-01	1.47e-07	1.16e-03	1.27e-02	0.00e+00	0.00e+00	6.87e-12	1.33e-10	9.52e-04	0.00e+00	0.00e+00	3.46e-05	1.37e-02	5.45e-08	0.00e+00	5.99e-10	2.01e-08	3.21e-03	9.77e-06	7.28e-03	0.00e+00	5.45e-08	1.54e-08	5.45e-08	5.46e-08	7.28e-03	0.00e+00	0.00e+00	0.00e+00	1.48e-03
VS218TF	2.24e-03	3.53e-01	0.00e+00	3.53e-01	0.00e+00	0.00e+00	2.32e-01	1.33e-07	1.05e-03	1.15e-02	0.00e+00	0.00e+00	6.23e-12	1.20e-10	8.61e-04	0.00e+00	0.00e+00	3.19e-05	1.24e-02	4.93e-08	0.00e+00	5.42e-10	1.82e-08	2.90e-03	8.84e-06	6.58e-03	0.00e+00	4.93e-08	1.39e-08	4.93e-08	4.94e-08	6.58e-03	0.00e+00	0.00e+00	0.00e+00	1.34e-03
VS218TJ	2.36e-03	3.73e-01	0.00e+00	3.73e-01	0.00e+00	0.00e+00	2.44e-01	1.40e-07	1.11e-03	1.22e-02	0.00e+00	0.00e+00	6.56e-12	1.27e-10	9.09e-04	0.00e+00	0.00e+00	3.30e-05	1.31e-02	5.21e-08	0.00e+00	5.72e-10	1.92e-08	3.07e-03	9.30e-06	6.95e-03	0.00e+00	5.21e-08	1.47e-08	5.21e-08	5.21e-08	6.95e-03	0.00e+00	0.00e+00	0.00e+00	1.42e-03
VS218TJ1	2.54e-03	4.01e-01	0.00e+00	4.01e-01	0.00e+00	0.00e+00	2.64e-01	1.51e-07	1.19e-03	1.31e-02	0.00e+00	0.00e+00	7.06e-12	1.37e-10	9.78e-04	0.00e+00	0.00e+00	3.55e-05	1.41e-02	5.69e-08	0.00e+00	6.16e-10	2.07e-08	3.30e-03	1.00e-05	7.48e-03	0.00e+00	5.69e-08	1.58e-08	5.69e-08	5.61e-08	7.48e-03	0.00e+00	0.00e+00	0.00e+00	1.53e-03
VS218TM	2.54e-03	4.01e-01	0.00e+00	4.01e-01	0.00e+00	0.00e+00	2.63e-01	1.51e-07	1.19e-03	1.31e-02	0.00e+00	0.00e+00	7.06e-12	1.37e-10	9.78e-04	0.00e+00	0.00e+00	3.55e-05	1.41e-02	5.69e-08	0.00e+00	6.16e-10	2.07e-08	3.30e-03	1.00e-05	7.48e-03	0.00e+00	5.69e-08	1.58e-08	5.69e-08	5.61e-08	7.48e-03	0.00e+00	0.00e+00	0.00e+00	1.53e-03
VS218TP	2.48e-03	3.86e-01	0.00e+00	3.86e-01	0.00e+00	0.00e+00	2.53e-01	1.45e-07	1.15e-03	1.26e-02	0.00e+00	0.00e+00	6.79e-12	1.31e-10	9.42e-04	0.00e+00	0.00e+00	3.42e-05	1.36e-02	5.39e-08	0.00e+00	5.93e-10	1.99e-08	3.18e-03	9.66e-06	7.20e-03	0.00e+00	5.39e-08	1.52e-08	5.39e-08	5.40e-08	7.20e-03	0.00e+00	0.00e+00	0.00e+00	1.47e-03
VS218TS	2.49e-03	3.93e-01	0.00e+00	3.93e-01	0.00e+00	0.00e+00	2.58e-01	1.48e-07	1.17e-03	1.28e-02	0.00e+00	0.00e+00	6.92e-12	1.34e-10	9.59e-04	0.00e+00	0.00e+00	3.48e-05	1.38e-02	5.49e-08	0.00e+00	6.03e-10	2.03e-08	3.23e-03	9.84e-06	7.33e-03	0.00e+00	5.49e-08	1.55e-08	5.49e-08	5.50e-08	7.33e-03	0.00e+00	0.00e+00	0.00e+00	1.49e-03
VS218TY	2.54e-03	4.01e-01	0.00e+00	4.01e-01	0.00e+00	0.00e+00	2.63e-01	1.51e-07	1.19e-03	1.31e-02	0.00e+00	0.00e+00	7.06e-12	1.37e-10	9.78e-04	0.00e+00	0.00e+00	3.55e-05	1.41e-02	5.69e-08	0.00e+00	6.16e-10	2.07e-08	3.30e-03	1.00e-05	7.48e-03	0.00e+00	5.69e-08	1.58e-08	5.69e-08	5.61e-08	7.48e-03	0.00e+00	0.00e+00	0.00e+00	1.53e-03
VS312PA	2.31e-03	3.64e-01	0.00e+00	3.64e-01	0.00e+00	0.00e+00	2.39e-01	1.37e-07	1.09e-03	1.19e-02	0.00e+00	0.00e+00	6.40e-12	1.24e-10	8.97e-04	0.00e+00	0.00e+00	3.22e-05	1.28e-02	5.08e-08	0.00e+00	5.58e-10	1.88e-08	2.99e-03	9.11e-06	6.78e-03	0.00e+00	5.08e-08	1.43e-08	5.08e-08	5.09e-08	6.78e-03	0.00e+00	0.00e+00	0.00e+00	1.38e-03
VS312PD	2.22e-03	3.62e-01	0.00e+00	3.62e-01	0.00e+00	0.00e+00	2.37e-01	1.36e-07	1.08e-03	1.18e-02	0.00e+00	0.00e+00	6.32e-12	1.23e-10	8.82e-04	0.00e+00	0.00e+00	3.20e-05	1.27e-02	5.02e-08	0.00e+00	5.55e-10	1.87e-08	2.98e-03	9.06e-06	6.74e-03	0.00e+00	5.02e-08	1.42e-08	5.02e-08	5.09e-08	6.74e-03	0.00e+00	0.00e+00	0.00e+00	1.36e-03
VS312PE	2.45e-03	3.92e-01	0.00e+00	3.92e-01	0.00e+00	0.00e+00	2.57e-01	1.38e-07	1.08e-03	1.18e-02	0.00e+00	0.00e+00	6.37e-12	1.23e-10	8.83e-04	0.00e+00	0.00e+00	3.20e-05	1.27e-02	5.02e-08	0.00e+00	5.55e-10	1.87e-08	2.98e-03	9.06e-06	6.75e-03	0.00e+00	5.02e-08	1.43e-08	5.02e-08	5.09e-08	6.75e-03	0.00e+00	0.00e+00	0.00e+00	1.38e-03
VS312PF	2.16e-03	3.40e-01	0.00e+00	3.40e-01	0.00e+00	0.00e+00	2.23e-01	1.28e-07	1.01e-03	1.11e-02	0.00e+00	0.00e+00	5.98e-12	1.16e-10	8.29e-04	0.00e+00	0.00e+00	3.01e-05	1.19e-02	4.75e-08	0.00e+00	5.22e-10	1.75e-08	2.80e-03	8.51e-06	6.34e-03	0.00e+00	4.75e-08	1.34e-08	4.75e-08	4.75e-08	6.34e-03	0.00e+00	0.00e+00	0.00e+00	1.29e-03
VS312PJ	2.44e-03	3.85e-01	0.00e+00	3.85e-01	0.00e+00	0.00e+00	2.52e-01	1.44e-07	1.14e-03	1.25e-02	0.00e+00	0.00e+00	6.77e-12	1.31e-10	9.38e-04	0.00e+00	0.00e+00	3.41e-05	1.35e-02	5.37e-08	0.00e+00	5.91e-10	1.98e-08	3.18e-03	9.63e-06	7.17e-03	0.00e+00	5.37e-08	1.52e-08	5.37e-08	5.38e-08	7.17e-03	0.00e+00	0.00e+00	0.00e+00	1.46e-03
VS312PM	2.33e-03	3.67e-01	0.00e+00	3.67e-01	0.00e+00	0.00e+00	2.41e-01	1.38e-07	1.05e-03	1.20e-02	0.00e+00	0.00e+00	6.46e-12	1.25e-10	8.96e-04	0.00e+00	0.00e+00	3.25e-05	1.29e-02	5.18e-08	0.00e+00	5.64e-10	1.89e-08	3.02e-03	9.19e-06	6.85e-03	0.00e+00	5.18e-08	1.45e-08	5.18e-08	5.14e-08	6.85e-03	0.00e+00	0.00e+00	0.00e+00	1.40e-03
VS312PP	2.09e-03	3.29e-01	0.00e+00	3.29e-01	0.00e+00	0.00e+00	2.16e-01	1.24e-07	9.78e-04	1.07e-02	0.00e+00	0.00e+00	5.79e-12	1.12e-10	8.02e-04	0.00e+00	0.00e+00	2.91e-05	1.16e-02	4.59e-08	0.00e+00	5.05e-10	1.70e-08	2.71e-03	8.23e-06	6.13e-03	0.00e+00	4.59e-08	1.30e-08	4.59e-08	4.60e-08	6.13e-03	0.00e+00	0.00e+00	0.00e+00	1.25e-03
VS312PR	2.35e-03	4.02e-01	0.00e+00	4.02e-01	0.00e+00	0.00e+00	2.63e-01	1.51e-07	1.19e-03	1.31e-02	0.00e+00	0.00e+00	7.07e-12	1.37e-10	9.79e-04	0.00e+00	0.00e+00	3.55e-05	1.41e-02	5.61e-08	0.00e+00	6.16e-10	2.07e-08	3.30e-03	1.01e-05	7.48e-03	0.00e+00	5.61e-08	1.58e-08	5.61e-08	5.62e-08	7.48e-03	0.00e+00	0.00e+00	0.00e+00	1.52e-03
VS312PS	2.44e-03	3.85e-01	0.00e+00	3.85e-01	0.00e+00	0.00e+00	2.54e-01	1.46e-07	1.15e-03	1.26e-02	0.00e+00	0.00e+00	6.78e-12	1.31e-10	9.40e-04	0.00e+00	0.00e+00	3.41e-05	1.35e-02	5.36e-08	0.00e+00	5.73e-10	1.93e-08	3.17e-03	9.63e-06	7.18e-03	0.00e+00	5.36e-08	1.47e-08	5.36e-08	5.38e-08	7.18e-03	0.00e+00	0.00e+00	0.00e+00	1.47e-03
VS312PT	3.27e-03	5.16e-01	0.00e+00	5.16e-01	0.00e+00	0.00e+00	3.39e-01	1.94e-07	1.54e-03	1.68e-02	0.00e+00	0.00e+00	9.09e-12	1.76e-10	1.26e-03	0.00e+00	0.00e+00	4.57e-05	1.82e-02	7.21e-08	0.00e+00	7.93e-10	2.66e-08	4.25e-03	1.26e-05	9.63e-03	0.00e+00	7.21e-08	2.04e-08	7.21e-08	7.22e-08	9.63e-03	0.00e+00	0.00e+00	0.00e+00	1.96e-03
VS312PY	2.49e-03	3.93e-01	0.00e+00	3.93e-01	0.00e+00	0.00e+00	2.58e-01	1.48e-07	1.17e-03	1.28e-02	0.00e+00	0.00e+00	6.92e-12	1.34e-10	9.59e-04	0.00e+00	0.00e+00	3.48e-05	1.38e-02	5.49e-08	0.00e+00	6.03e-10	2.03e-08	3.23e-03	9.84e-06	7.33e-03	0.00e+00	5.49e-08	1.55e-08	5.49e-08	5.50e-08	7.33e-03	0.00e+00	0.00e+00	0.00e+00	1.49e-03
VS312TA	2.36e-03	3.72e-01	0.00e+00	3.72e-01	0.00e+00	0.00e+00	2.44e-01	1.40e-07	1.11e-03	1.21e-02	0.00e+00	0.00e+00	6.58e-12	1.27e-10	9.08e-04	0.00e+00	0.00e+00	3.30e-05	1.31e-02	5.20e-08	0.00e+00	5.71e-10	1.92e-08	3.06e-03	9.32e-06	6.94e-03	0.00e+00	5.20e-08	1.47e-08	5.20e-08	5.21e-08	6.94e-03	0.00e+00	0.00e+00	0.00e+00	1.42e-03
VS312TD	2.35e-03	3.71e-01	0.00e+00	3.71e-01	0.00e+00	0.00e+00	2.43e-01	1.39e-07	1.10e-03	1.21e-02	0.00e+00	0.00e+00	6.52e-12	1.26e-10	9.04e-04	0.00e+00	0.00e+00	3.28e-05	1.30e-02	5.18e-08	0.00e+00	5.69e-10	1.91e-08	3.05e-03	9.28e-06	6.91e-03	0.00e+00	5.18e-08	1.46e-08	5.18e-08	5.18e-08	6.91e-03	0.00e+00	0.00e+00	0.00e+00	1.41e-03
VS312TE	2.27e-03	3.58e-01	0.00e+00	3.58e-01	0.00e+00	0.00e+00	2.35e-01	1.35e-07	1.07e-03	1.17e-02	0.00e+00	0.00e+00	6.31e-12	1.22e-10	8.74e-04	0.00e+00	0.00e+00	3.17e-05	1.28e-02	5.01e-08	0.00e+00															

VS418PM	4.52E-03	6.96E-01	0.00E+00	6.96E-01	0.00E+00	0.00E+00	4.49E-01	2.61E-07	2.07E-03	2.27E-02	0.00E+00	0.00E+00	1.23E-11	2.38E-10	1.70E-03	0.00E+00	0.00E+00	0.00E+00	6.18E-05	2.45E-02	9.78E+00	0.00E+00	1.07E-09	3.90E-08	5.74E-03	1.75E-05	1.30E-02	0.00E+00	9.78E+00	2.75E-08	9.78E+00	9.78E+00	1.30E-02	0.00E+00	0.00E+00	0.00E+00	2.96E-03
VS418PP	4.40E-03	6.94E-01	0.00E+00	6.94E-01	0.00E+00	0.00E+00	4.55E-01	2.61E-07	2.06E-03	2.26E-02	0.00E+00	0.00E+00	1.23E-11	2.36E-10	1.69E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-05	2.44E-02	9.70E+00	0.00E+00	1.07E-09	3.95E-08	5.71E-03	1.74E-05	1.29E-02	0.00E+00	9.70E+00	2.74E-08	9.70E+00	9.71E+00	1.29E-02	0.00E+00	0.00E+00	0.00E+00	2.64E-03
VS418PR	4.47E-03	7.01E-01	0.00E+00	7.01E-01	0.00E+00	0.00E+00	4.60E-01	2.64E-07	2.09E-03	2.29E-02	0.00E+00	0.00E+00	1.24E-11	2.39E-10	1.71E-03	0.00E+00	0.00E+00	0.00E+00	6.21E-05	2.47E-02	9.80E+00	0.00E+00	1.08E-09	3.82E-08	5.78E-03	1.76E-05	1.31E-02	0.00E+00	9.80E+00	2.76E-08	9.80E+00	9.82E+00	1.31E-02	0.00E+00	0.00E+00	0.00E+00	2.67E-03
VS418PS	4.19E-03	6.60E-01	0.00E+00	6.60E-01	0.00E+00	0.00E+00	4.33E-01	2.48E-07	1.99E-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	5.85E-05	2.32E-02	9.32E+00	0.00E+00	1.01E-09	3.41E-08	5.43E-03	1.65E-05	1.23E-02	0.00E+00	9.32E+00	2.60E-08	9.32E+00	9.34E+00	1.23E-02	0.00E+00	0.00E+00	0.00E+00	2.51E-03
VS418PT	5.53E-03	6.71E-01	0.00E+00	6.71E-01	0.00E+00	0.00E+00	5.72E-01	3.27E-07	2.59E-03	2.84E-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	7.72E-05	3.06E-02	1.22E+01	0.00E+00	1.34E-09	4.49E-08	6.17E-03	2.18E-05	1.62E-02	0.00E+00	1.22E+01	3.44E-08	1.22E+01	1.22E+01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	3.31E-03
VS418PY	4.53E-03	6.94E-01	0.00E+00	6.94E-01	0.00E+00	0.00E+00	4.55E-01	2.60E-07	2.06E-03	2.26E-02	0.00E+00	0.00E+00	1.23E-11	2.37E-10	1.69E-03	0.00E+00	0.00E+00	0.00E+00	6.15E-05	2.44E-02	9.71E+00	0.00E+00	1.07E-09	3.98E-08	5.72E-03	1.74E-05	1.30E-02	0.00E+00	9.71E+00	2.74E-08	9.71E+00	9.71E+00	1.30E-02	0.00E+00	0.00E+00	0.00E+00	2.64E-03
VS418TA	4.01E-03	6.32E-01	0.00E+00	6.32E-01	0.00E+00	0.00E+00	4.14E-01	2.37E-07	1.86E-03	2.06E-02	0.00E+00	0.00E+00	1.11E-11	2.17E-10	1.54E-03	0.00E+00	0.00E+00	0.00E+00	5.65E-05	2.22E-02	8.92E+00	0.00E+00	9.71E-09	3.35E-08	5.20E-03	1.58E-05	1.19E-02	0.00E+00	8.92E+00	2.46E-08	8.92E+00	8.94E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	2.40E-03
VS418TD	4.11E-03	6.40E-01	0.00E+00	6.40E-01	0.00E+00	0.00E+00	4.24E-01	2.40E-07	1.93E-03	2.12E-02	0.00E+00	0.00E+00	1.14E-11	2.21E-10	1.58E-03	0.00E+00	0.00E+00	0.00E+00	5.74E-05	2.28E-02	9.06E+00	0.00E+00	1.01E-09	3.39E-08	5.34E-03	1.62E-05	1.21E-02	0.00E+00	9.06E+00	2.56E-08	9.06E+00	9.08E+00	1.21E-02	0.00E+00	0.00E+00	0.00E+00	2.47E-03
VS418TES	4.05E-03	6.40E-01	0.00E+00	6.40E-01	0.00E+00	0.00E+00	4.19E-01	2.40E-07	1.90E-03	2.09E-02	0.00E+00	0.00E+00	1.13E-11	2.18E-10	1.56E-03	0.00E+00	0.00E+00	0.00E+00	5.66E-05	2.25E-02	8.94E+00	0.00E+00	9.82E-09	3.30E-08	5.28E-03	1.60E-05	1.19E-02	0.00E+00	8.94E+00	2.52E-08	8.94E+00	8.95E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	2.43E-03
VS418TF	3.88E-03	6.12E-01	0.00E+00	6.12E-01	0.00E+00	0.00E+00	4.01E-01	2.30E-07	1.82E-03	1.99E-02	0.00E+00	0.00E+00	1.08E-11	2.08E-10	1.49E-03	0.00E+00	0.00E+00	0.00E+00	5.42E-05	2.15E-02	8.54E+00	0.00E+00	9.39E-09	3.19E-08	5.03E-03	1.53E-05	1.14E-02	0.00E+00	8.54E+00	2.41E-08	8.54E+00	8.56E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00	2.33E-03
VS418TJ	4.02E-03	6.30E-01	0.00E+00	6.30E-01	0.00E+00	0.00E+00	4.14E-01	2.37E-07	1.87E-03	2.06E-02	0.00E+00	0.00E+00	1.11E-11	2.15E-10	1.54E-03	0.00E+00	0.00E+00	0.00E+00	5.58E-05	2.22E-02	8.81E+00	0.00E+00	9.88E-09	3.32E-08	5.19E-03	1.58E-05	1.18E-02	0.00E+00	8.81E+00	2.49E-08	8.81E+00	8.82E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	2.40E-03
VS418TM	4.38E-03	6.79E-01	0.00E+00	6.79E-01	0.00E+00	0.00E+00	4.45E-01	2.55E-07	2.02E-03	2.21E-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	6.01E-05	2.38E-02	9.47E+00	0.00E+00	1.04E-09	3.50E-08	5.93E-03	1.79E-05	1.26E-02	0.00E+00	9.47E+00	2.68E-08	9.47E+00	9.51E+00	1.26E-02	0.00E+00	0.00E+00	0.00E+00	2.58E-03
VS418TP	4.54E-03	6.92E-01	0.00E+00	6.92E-01	0.00E+00	0.00E+00	4.53E-01	2.60E-07	2.06E-03	2.26E-02	0.00E+00	0.00E+00	1.22E-11	2.36E-10	1.69E-03	0.00E+00	0.00E+00	0.00E+00	6.12E-05	2.43E-02	9.67E+00	0.00E+00	1.06E-09	3.37E-08	5.70E-03	1.73E-05	1.29E-02	0.00E+00	9.67E+00	2.73E-08	9.67E+00	9.68E+00	1.29E-02	0.00E+00	0.00E+00	0.00E+00	2.63E-03
VS418TS	4.02E-03	6.36E-01	0.00E+00	6.36E-01	0.00E+00	0.00E+00	4.19E-01	2.39E-07	1.90E-03	2.08E-02	0.00E+00	0.00E+00	1.13E-11	2.17E-10	1.56E-03	0.00E+00	0.00E+00	0.00E+00	5.65E-05	2.24E-02	8.92E+00	0.00E+00	9.81E-09	3.29E-08	5.25E-03	1.59E-05	1.19E-02	0.00E+00	8.92E+00	2.52E-08	8.92E+00	8.93E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	2.43E-03
VS418TY	4.38E-03	6.79E-01	0.00E+00	6.79E-01	0.00E+00	0.00E+00	4.45E-01	2.55E-07	2.02E-03	2.21E-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	6.01E-05	2.38E-02	9.48E+00	0.00E+00	1.04E-09	3.50E-08	5.93E-03	1.79E-05	1.26E-02	0.00E+00	9.48E+00	2.68E-08	9.48E+00	9.51E+00	1.26E-02	0.00E+00	0.00E+00	0.00E+00	2.58E-03
VU12AT	2.89E-03	4.58E-01	0.00E+00	4.58E-01	0.00E+00	0.00E+00	3.00E-01	1.72E-07	1.36E-03	1.49E-02	0.00E+00	0.00E+00	8.06E-12	1.56E-10	1.12E-03	0.00E+00	0.00E+00	0.00E+00	4.05E-05	1.61E-02	6.40E+00	0.00E+00	7.03E-09	2.39E-08	3.77E-03	1.15E-05	8.53E-03	0.00E+00	6.40E+00	1.81E-08	6.40E+00	6.40E+00	8.53E-03	0.00E+00	0.00E+00	0.00E+00	1.74E-03
VU12DKN	2.79E-03	4.39E-01	0.00E+00	4.39E-01	0.00E+00	0.00E+00	2.88E-01	1.65E-07	1.30E-03	1.43E-02	0.00E+00	0.00E+00	7.73E-12	1.50E-10	1.07E-03	0.00E+00	0.00E+00	0.00E+00	3.96E-05	1.54E-02	6.14E+00	0.00E+00	6.74E-09	2.29E-08	3.61E-03	1.10E-05	8.19E-03	0.00E+00	6.14E+00	1.73E-08	6.14E+00	6.14E+00	8.19E-03	0.00E+00	0.00E+00	0.00E+00	1.67E-03
VU12EP	2.78E-03	4.38E-01	0.00E+00	4.38E-01	0.00E+00	0.00E+00	2.87E-01	1.65E-07	1.30E-03	1.43E-02	0.00E+00	0.00E+00	7.71E-12	1.49E-10	1.07E-03	0.00E+00	0.00E+00	0.00E+00	3.96E-05	1.54E-02	6.12E+00	0.00E+00	6.72E-09	2.29E-08	3.60E-03	1.10E-05	8.17E-03	0.00E+00	6.12E+00	1.73E-08	6.12E+00	6.13E+00	8.17E-03	0.00E+00	0.00E+00	0.00E+00	1.67E-03
VU12ET	2.45E-03	3.87E-01	0.00E+00	3.87E-01	0.00E+00	0.00E+00	2.54E-01	1.45E-07	1.15E-03	1.26E-02	0.00E+00	0.00E+00	6.89E-12	1.30E-10	9.43E-04	0.00E+00	0.00E+00	0.00E+00	3.42E-05	1.36E-02	5.40E+00	0.00E+00	5.93E-09	1.99E-08	3.18E-03	9.88E-06	7.21E-03	0.00E+00	5.40E+00	1.52E-08	5.40E+00	5.41E+00	7.21E-03	0.00E+00	0.00E+00	0.00E+00	1.47E-03
VU12IE	3.24E-03	5.12E-01	0.00E+00	5.12E-01	0.00E+00	0.00E+00	3.36E-01	1.92E-07	1.52E-03	1.67E-02	0.00E+00	0.00E+00	9.01E-12	1.74E-10	1.25E-03	0.00E+00	0.00E+00	0.00E+00	4.53E-05	1.80E-02	7.16E+00	0.00E+00	7.86E-09	2.64E-08	4.21E-03	1.28E-05	9.34E-03	0.00E+00	7.16E+00	2.02E-08	7.16E+00	7.17E+00	9.34E-03	0.00E+00	0.00E+00	0.00E+00	1.95E-03
VU12LN	3.22E-03	5.09E-01	0.00E+00	5.09E-01	0.00E+00	0.00E+00	3.34E-01	1.91E-07	1.51E-03	1.66E-02	0.00E+00	0.00E+00	8.99E-12	1.73E-10	1.24E-03	0.00E+00	0.00E+00	0.00E+00	4.50E-05	1.79E-02	7.15E+00	0.00E+00	7.85E-09	2.62E-08	4.18E-03	1.27E-05	9.48E-03	0.00E+00	7.15E+00	2.00E-08	7.15E+00	7.16E+00	9.48E-03	0.00E+00	0.00E+00	0.00E+00	1.93E-03
VU12NA	2.86E-03	4.51E-01	0.00E+00	4.51E-01	0.00E+00	0.00E+00	2.96E-01	1.69E-07	1.34E-03	1.47E-02	0.00E+00	0.00E+00	7.94E-12	1.54E-10	1.10E-03	0.00E+00	0.00E+00	0.00E+00	4.00E-05	1.56E-02	6.30E+00	0.00E+00	6.63E-09	2.33E-08	3.71E-03	1.16E-05	8.41E-03	0.00E+00	6.30E+00	1.78E-08	6.30E+00	6.31E+00	8.41E-03	0.00E+00	0.00E+00	0.00E+00	1.72E-03
VU12NC	2.96E-03	4.67E-01	0.00E+00	4.67E-01	0.00E+00	0.00E+00	3.06E-01	1.75E-07	1.39E-03	1.52E-02	0.00E+00	0.00E+00	8.22E-12	1.59E-10	1.14E-03	0.00E+00	0.00E+00	0.00E+00	4.14E-05	1.64E-02	6.52E+00	0.00E+00	7.17E-09	2.41E-08	3.84E-03	1.17E-05	8.71E-03	0.00E+00	6.52E+00	1.84E-08	6.52E+00	6.53E+00	8.71E-03	0.00E+00	0.00E+00	0.00E+00	1.78E-03
VU12ND	2.93E-03	4.63E-01	0.00E+00	4.63E-01	0.00E+00	0.00E+00	3.03E-01	1.74E-07	1.38E-03	1.51E-02	0.00E+00	0.00E+00	8.14E-12	1.58E-10	1.13E-03	0.00E+00	0.00E+00	0.00E+00	4.10E-05	1.63E-02	6.48E+00	0.00E+00	7.10E-09	2.39E-08	3.81E-03	1.16E-05	8.62E-03	0.00E+00	6.48E+00	1.82E-08	6.48E+00	6.47E+00	8.62E-03	0.00E+00	0.00E+00	0.00E+00	1.76E-03
VU12NE	2.95E-03	4.65E-01	0.00E+00	4.65E-01	0.00E+00	0.00E+00	3.05E-01	1.75E-07	1.38E-03	1.52E-02	0.00E+00	0.00E+00	8.19E-12	1.58E-10	1.13E-03	0.00E+00	0.00E+00	0.00E+00	4.12E-05	1.64E-02	6.50E+00	0.00E+00	7.14E-09	2.40E-08	3.83E-03	1.16E-05	8.67E-03	0.00E+00	6.50E+00	1.83E-08	6.50E+00	6.51E+00	8.67E-03	0.00E+00			

VU48IE	6.47E-03	1.02E+00	0.00E+00	1.02E+00	0.00E+00	0.00E+00	6.69E-01	3.83E-07	3.03E-03	3.33E-02	0.00E+00	0.00E+00	1.73E-11	3.47E-10	2.49E-03	0.00E+00	0.00E+00	0.00E+00	9.02E-05	3.95E-02	1.42E+01	0.00E+00	1.56E-09	5.29E-08	8.40E-03	2.55E-05	1.90E-02	0.00E+00	1.42E+01	4.02E+08	1.42E+01	1.43E+01	1.90E-02	0.00E+00	0.00E+00	0.00E+00	3.98E-03
VU48LN	6.33E-03	9.98E-01	0.00E+00	9.98E-01	0.00E+00	0.00E+00	6.55E-01	3.75E-07	2.97E-03	3.26E-02	0.00E+00	0.00E+00	1.76E-11	3.40E-10	2.43E-03	0.00E+00	0.00E+00	0.00E+00	8.84E-05	3.51E-02	1.39E+01	0.00E+00	1.53E-09	5.15E-08	8.21E-03	2.50E-05	1.86E-02	0.00E+00	1.39E+01	3.94E+08	1.39E+01	1.40E+01	1.86E-02	0.00E+00	0.00E+00	0.00E+00	3.80E-03
VU48MMV	5.53E-03	8.49E-01	0.00E+00	8.49E-01	0.00E+00	0.00E+00	5.56E-01	3.19E-07	2.52E-03	2.77E-02	0.00E+00	0.00E+00	1.49E-11	2.89E-10	2.07E-03	0.00E+00	0.00E+00	0.00E+00	7.51E-05	2.98E-02	1.18E+01	0.00E+00	1.30E-09	4.38E-08	6.97E-03	2.13E-05	1.58E-02	0.00E+00	1.18E+01	3.34E+08	1.18E+01	1.19E+01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	3.23E-03
VU48NA	5.68E-03	8.96E-01	0.00E+00	8.96E-01	0.00E+00	0.00E+00	5.68E-01	3.37E-07	2.66E-03	2.92E-02	0.00E+00	0.00E+00	1.59E-11	3.05E-10	2.19E-03	0.00E+00	0.00E+00	0.00E+00	7.93E-05	3.18E-02	1.25E+01	0.00E+00	1.38E-09	4.62E-08	7.37E-03	2.24E-05	1.67E-02	0.00E+00	1.25E+01	3.53E+08	1.25E+01	1.25E+01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	3.41E-03
VU48NC	5.90E-03	9.30E-01	0.00E+00	9.30E-01	0.00E+00	0.00E+00	6.10E-01	3.49E-07	2.76E-03	3.03E-02	0.00E+00	0.00E+00	1.64E-11	3.17E-10	2.27E-03	0.00E+00	0.00E+00	0.00E+00	8.23E-05	3.27E-02	1.30E+01	0.00E+00	1.43E-09	4.80E-08	7.65E-03	2.33E-05	1.73E-02	0.00E+00	1.30E+01	3.67E+08	1.30E+01	1.30E+01	1.73E-02	0.00E+00	0.00E+00	0.00E+00	3.54E-03
VU48NCT	4.08E-03	6.44E-01	0.00E+00	6.44E-01	0.00E+00	0.00E+00	4.23E-01	2.42E-07	1.91E-03	2.10E-02	0.00E+00	0.00E+00	1.13E-11	2.19E-10	1.57E-03	0.00E+00	0.00E+00	0.00E+00	5.71E-05	2.26E-02	9.00E+00	0.00E+00	8.99E-10	3.32E-08	5.30E-03	1.81E-05	1.20E-02	0.00E+00	9.00E+00	2.54E+08	9.00E+00	9.01E+00	1.20E-02	0.00E+00	0.00E+00	0.00E+00	2.45E-03
VU48ND	5.93E-03	9.35E-01	0.00E+00	9.35E-01	0.00E+00	0.00E+00	6.13E-01	3.51E-07	2.79E-03	3.05E-02	0.00E+00	0.00E+00	1.64E-11	3.16E-10	2.29E-03	0.00E+00	0.00E+00	0.00E+00	8.16E-05	3.24E-02	1.31E+01	0.00E+00	1.43E-09	4.70E-08	7.69E-03	2.34E-05	1.74E-02	0.00E+00	1.31E+01	3.66E+08	1.31E+01	1.31E+01	1.74E-02	0.00E+00	0.00E+00	0.00E+00	3.52E-03
VU48NE	5.85E-03	9.22E-01	0.00E+00	9.22E-01	0.00E+00	0.00E+00	6.05E-01	3.46E-07	2.74E-03	2.91E-02	0.00E+00	0.00E+00	1.62E-11	3.14E-10	2.25E-03	0.00E+00	0.00E+00	0.00E+00	8.06E-05	3.24E-02	1.29E+01	0.00E+00	1.42E-09	4.63E-08	7.59E-03	2.31E-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	3.51E-03
VU48NG	5.63E-03	8.88E-01	0.00E+00	8.88E-01	0.00E+00	0.00E+00	5.82E-01	3.33E-07	2.64E-03	2.86E-02	0.00E+00	0.00E+00	1.56E-11	3.02E-10	2.16E-03	0.00E+00	0.00E+00	0.00E+00	7.86E-05	3.12E-02	1.24E+01	0.00E+00	1.36E-09	4.58E-08	7.30E-03	2.22E-05	1.65E-02	0.00E+00	1.24E+01	3.50E+08	1.24E+01	1.24E+01	1.65E-02	0.00E+00	0.00E+00	0.00E+00	3.38E-03
VU48NH	6.16E-03	9.71E-01	0.00E+00	9.71E-01	0.00E+00	0.00E+00	6.37E-01	3.65E-07	2.89E-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	3.41E-02	1.36E+01	0.00E+00	1.49E-09	5.01E-08	7.99E-03	2.43E-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	3.69E-03
VU48NKM	1.88E-03	2.97E-01	0.00E+00	2.97E-01	0.00E+00	0.00E+00	1.95E-01	1.11E-07	8.81E-04	9.67E-03	0.00E+00	0.00E+00	5.23E-12	1.01E-10	7.23E-04	0.00E+00	0.00E+00	0.00E+00	2.63E-05	1.04E-02	4.14E+00	0.00E+00	4.55E-10	1.53E-08	2.44E-03	7.43E-06	5.53E-03	0.00E+00	4.14E+00	1.17E+08	4.14E+00	4.15E+00	5.53E-03	0.00E+00	0.00E+00	0.00E+00	1.13E-03
VU48NN	5.91E-03	9.32E-01	0.00E+00	9.32E-01	0.00E+00	0.00E+00	6.11E-01	3.50E-07	2.77E-03	3.04E-02	0.00E+00	0.00E+00	1.64E-11	3.17E-10	2.27E-03	0.00E+00	0.00E+00	0.00E+00	8.23E-05	3.28E-02	1.30E+01	0.00E+00	1.43E-09	4.81E-08	7.67E-03	2.33E-05	1.74E-02	0.00E+00	1.30E+01	3.67E+08	1.30E+01	1.30E+01	1.74E-02	0.00E+00	0.00E+00	0.00E+00	3.54E-03
VU48NP	6.18E-03	9.75E-01	0.00E+00	9.75E-01	0.00E+00	0.00E+00	6.40E-01	3.66E-07	2.90E-03	3.16E-02	0.00E+00	0.00E+00	1.72E-11	3.30E-10	2.38E-03	0.00E+00	0.00E+00	0.00E+00	8.63E-05	3.43E-02	1.36E+01	0.00E+00	1.50E-09	5.03E-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
VU48NR	5.74E-03	9.06E-01	0.00E+00	9.06E-01	0.00E+00	0.00E+00	5.94E-01	3.40E-07	2.69E-03	2.92E-02	0.00E+00	0.00E+00	1.59E-11	3.08E-10	2.21E-03	0.00E+00	0.00E+00	0.00E+00	8.02E-05	3.18E-02	1.27E+01	0.00E+00	1.39E-09	4.67E-08	7.45E-03	2.27E-05	1.69E-02	0.00E+00	1.27E+01	3.57E+08	1.27E+01	1.27E+01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	3.44E-03
VU48NRM	4.44E-03	6.86E-01	0.00E+00	6.86E-01	0.00E+00	0.00E+00	4.54E-01	2.58E-07	2.04E-03	2.24E-02	0.00E+00	0.00E+00	1.21E-11	2.33E-10	1.67E-03	0.00E+00	0.00E+00	0.00E+00	6.05E-05	2.41E-02	9.54E+00	0.00E+00	1.05E-09	3.53E-08	5.63E-03	1.75E-05	1.28E-02	0.00E+00	9.54E+00	2.70E+08	9.54E+00	9.56E+00	1.28E-02	0.00E+00	0.00E+00	0.00E+00	2.60E-03
VU48NSG	6.44E-03	1.02E+00	0.00E+00	1.02E+00	0.00E+00	0.00E+00	6.66E-01	3.81E-07	3.02E-03	3.31E-02	0.00E+00	0.00E+00	1.78E-11	3.45E-10	2.48E-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	8.35E-03	2.54E-05	1.89E-02	0.00E+00	1.42E+01	4.00E+08	1.42E+01	1.42E+01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	3.98E-03
VU48NW	5.56E-03	8.53E-01	0.00E+00	8.53E-01	0.00E+00	0.00E+00	5.58E-01	3.20E-07	2.54E-03	2.78E-02	0.00E+00	0.00E+00	1.50E-11	2.90E-10	2.08E-03	0.00E+00	0.00E+00	0.00E+00	7.55E-05	3.00E-02	1.19E+01	0.00E+00	1.31E-09	4.43E-08	7.01E-03	2.14E-05	1.59E-02	0.00E+00	1.19E+01	3.30E+08	1.19E+01	1.19E+01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	3.24E-03
VU48NWP	5.47E-03	8.62E-01	0.00E+00	8.62E-01	0.00E+00	0.00E+00	5.65E-01	3.24E-07	2.56E-03	2.81E-02	0.00E+00	0.00E+00	1.52E-11	2.93E-10	2.10E-03	0.00E+00	0.00E+00	0.00E+00	7.63E-05	3.03E-02	1.20E+01	0.00E+00	1.32E-09	4.44E-08	7.09E-03	2.16E-05	1.61E-02	0.00E+00	1.20E+01	3.40E+08	1.20E+01	1.21E+01	1.61E-02	0.00E+00	0.00E+00	0.00E+00	3.28E-03
VU48UA	5.72E-03	9.02E-01	0.00E+00	9.02E-01	0.00E+00	0.00E+00	5.92E-01	3.39E-07	2.68E-03	2.94E-02	0.00E+00	0.00E+00	1.59E-11	3.07E-10	2.20E-03	0.00E+00	0.00E+00	0.00E+00	7.99E-05	3.17E-02	1.28E+01	0.00E+00	1.38E-09	4.65E-08	7.42E-03	2.26E-05	1.68E-02	0.00E+00	1.28E+01	3.56E+08	1.28E+01	1.28E+01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	3.43E-03
VU48VWH	5.88E-03	8.92E-01	0.00E+00	8.92E-01	0.00E+00	0.00E+00	5.87E-01	3.36E-07	2.66E-03	2.92E-02	0.00E+00	0.00E+00	1.57E-11	3.05E-10	2.19E-03	0.00E+00	0.00E+00	0.00E+00	7.92E-05	3.15E-02	1.25E+01	0.00E+00	1.37E-09	4.62E-08	7.39E-03	2.24E-05	1.67E-02	0.00E+00	1.25E+01	3.53E+08	1.25E+01	1.25E+01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	3.40E-03
VU48VWV	5.53E-03	8.49E-01	0.00E+00	8.49E-01	0.00E+00	0.00E+00	5.56E-01	3.19E-07	2.52E-03	2.77E-02	0.00E+00	0.00E+00	1.49E-11	2.89E-10	2.07E-03	0.00E+00	0.00E+00	0.00E+00	7.51E-05	2.98E-02	1.18E+01	0.00E+00	1.30E-09	4.38E-08	6.97E-03	2.13E-05	1.58E-02	0.00E+00	1.18E+01	3.34E+08	1.18E+01	1.18E+01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	3.23E-03
VU601PLH	6.24E-03	9.84E-01	0.00E+00	9.84E-01	0.00E+00	0.00E+00	6.45E-01	3.70E-07	2.92E-03	3.21E-02	0.00E+00	0.00E+00	1.73E-11	3.35E-10	2.40E-03	0.00E+00	0.00E+00	0.00E+00	8.71E-05	3.46E-02	1.37E+01	0.00E+00	1.51E-09	5.07E-08	8.06E-03	2.48E-05	1.83E-02	0.00E+00	1.37E+01	3.88E+08	1.37E+01	1.38E+01	1.83E-02	0.00E+00	0.00E+00	0.00E+00	3.74E-03
VU602NWH	6.44E-03	1.02E+00	0.00E+00	1.02E+00	0.00E+00	0.00E+00	6.66E-01	3.81E-07	3.02E-03	3.31E-02	0.00E+00	0.00E+00	1.78E-11	3.45E-10	2.48E-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	8.35E-03	2.54E-05	1.89E-02	0.00E+00	1.42E+01	4.00E+08	1.42E+01	1.42E+01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	3.98E-03
VU602VWH	5.74E-03	9.06E-01	0.00E+00	9.06E-01	0.00E+00	0.00E+00	5.94E-01	3.40E-07	2.69E-03	2.92E-02	0.00E+00	0.00E+00	1.59E-11	3.08E-10	2.21E-03	0.00E+00	0.00E+00	0.00E+00	8.02E-05	3.18E-02	1.27E+01	0.00E+00	1.39E-09	4.67E-08	7.45E-03	2.27E-05	1.69E-02	0.00E+00	1.27E+01	3.57E+08	1.27E+01	1.27E+01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	3.44E-03
VU603NWH	6.71E-03	1.06E+00	0.00E+00	1.06E+00	0.00E+00	0.00E+00	6.94E-01	3.97E-07	3.14E-03	3.45E-02	0.00E+00	0.00E+00	1.84E-11	3.60E-10	2.58E-03	0.00E+00	0.00E+00	0.00E+00	9.38E-05	3.72E-02	1.48E+01	0.00E+00	1.62E-09	5.45E-08	8.70E-03	2.65E-05	1.97E-02	0.00E+00	1.48E+01	4.17E+08	1.48E+01	1.48E+01	1.97E-02	0.00E+00			

VZ103V	2.45E-03	3.85E-01	0.00E+00	3.85E-01	0.00E+00	0.00E+00	2.52E-01	1.44E-07	1.14E-03	1.25E-02	0.00E+00	0.00E+00	6.77E-12	1.31E-10	9.38E-04	0.00E+00	0.00E+00	0.00E+00	3.41E-05	1.35E-02	5.37E+00	0.00E+00	5.91E-10	1.98E-08	3.16E-03	9.63E-06	7.17E-03	0.00E+00	5.37E+00	1.52E-08	5.37E+00	5.38E+00	7.17E-03	0.00E+00	0.00E+00	0.00E+00	1.46E-03
VZ103W	2.22E-03	3.50E-01	0.00E+00	3.50E-01	0.00E+00	0.00E+00	2.30E-01	1.31E-07	1.04E-03	1.14E-02	0.00E+00	0.00E+00	6.15E-12	1.19E-10	8.53E-04	0.00E+00	0.00E+00	0.00E+00	3.10E-05	1.23E-02	4.89E+00	0.00E+00	5.37E-10	1.80E-08	2.88E-03	8.76E-06	6.52E-03	0.00E+00	4.89E+00	1.38E-08	4.89E+00	4.89E+00	6.52E-03	0.00E+00	0.00E+00	0.00E+00	1.33E-03
VZ103WN	2.54E-03	4.01E-01	0.00E+00	4.01E-01	0.00E+00	0.00E+00	2.63E-01	1.51E-07	1.19E-03	1.31E-02	0.00E+00	0.00E+00	7.06E-12	1.37E-10	9.79E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05	1.41E-02	5.60E+00	0.00E+00	6.16E-10	2.07E-08	3.30E-03	1.00E-05	7.48E-03	0.00E+00	5.60E+00	1.58E-08	5.60E+00	5.61E+00	7.48E-03	0.00E+00	0.00E+00	0.00E+00	1.53E-03
VZ103WV	2.57E-03	3.89E-01	0.00E+00	3.89E-01	0.00E+00	0.00E+00	2.55E-01	1.46E-07	1.16E-03	1.27E-02	0.00E+00	0.00E+00	6.84E-12	1.32E-10	9.49E-04	0.00E+00	0.00E+00	0.00E+00	3.44E-05	1.37E-02	5.43E+00	0.00E+00	5.97E-10	2.01E-08	3.20E-03	9.74E-06	7.25E-03	0.00E+00	5.43E+00	1.53E-08	5.43E+00	5.44E+00	7.25E-03	0.00E+00	0.00E+00	0.00E+00	1.48E-03
VZ104V	2.93E-03	4.62E-01	0.00E+00	4.62E-01	0.00E+00	0.00E+00	3.03E-01	1.73E-07	1.37E-03	1.51E-02	0.00E+00	0.00E+00	8.12E-12	1.57E-10	1.13E-03	0.00E+00	0.00E+00	0.00E+00	4.09E-05	1.62E-02	6.46E+00	0.00E+00	7.09E-10	2.38E-08	3.80E-03	1.16E-05	8.61E-03	0.00E+00	6.46E+00	1.82E-08	6.46E+00	6.46E+00	8.61E-03	0.00E+00	0.00E+00	0.00E+00	1.76E-03
VZ104W	2.56E-03	3.88E-01	0.00E+00	3.88E-01	0.00E+00	0.00E+00	2.54E-01	1.46E-07	1.15E-03	1.26E-02	0.00E+00	0.00E+00	6.82E-12	1.30E-10	9.46E-04	0.00E+00	0.00E+00	0.00E+00	3.43E-05	1.36E-02	5.42E+00	0.00E+00	5.95E-10	2.03E-08	3.19E-03	9.71E-06	7.23E-03	0.00E+00	5.42E+00	1.53E-08	5.42E+00	5.42E+00	7.23E-03	0.00E+00	0.00E+00	0.00E+00	1.47E-03
VZ104WN	3.11E-03	4.99E-01	0.00E+00	4.99E-01	0.00E+00	0.00E+00	3.21E-01	1.84E-07	1.45E-03	1.62E-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	4.33E-05	1.72E-02	6.92E+00	0.00E+00	7.52E-10	2.50E-08	4.03E-03	1.23E-05	9.14E-03	0.00E+00	6.92E+00	1.93E-08	6.92E+00	6.94E+00	9.14E-03	0.00E+00	0.00E+00	0.00E+00	1.65E-03
VZ104WV	2.93E-03	4.62E-01	0.00E+00	4.62E-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	8.12E-12	1.57E-10	1.13E-03	0.00E+00	0.00E+00	0.00E+00	4.09E-05	1.62E-02	6.46E+00	0.00E+00	7.09E-10	2.38E-08	3.80E-03	1.16E-05	8.62E-03	0.00E+00	6.46E+00	1.82E-08	6.46E+00	6.47E+00	8.62E-03	0.00E+00	0.00E+00	0.00E+00	1.76E-03
VZ105N	3.43E-03	5.40E-01	0.00E+00	5.40E-01	0.00E+00	0.00E+00	3.55E-01	2.03E-07	1.61E-03	1.78E-02	0.00E+00	0.00E+00	9.51E-12	1.84E-10	1.32E-03	0.00E+00	0.00E+00	0.00E+00	4.78E-05	1.90E-02	7.55E+00	0.00E+00	8.30E-10	2.79E-08	4.45E-03	1.35E-05	1.01E-02	0.00E+00	7.55E+00	2.13E-08	7.55E+00	7.56E+00	1.01E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
VZ105W	2.93E-03	4.58E-01	0.00E+00	4.58E-01	0.00E+00	0.00E+00	3.03E-01	1.72E-07	1.36E-03	1.49E-02	0.00E+00	0.00E+00	8.05E-12	1.56E-10	1.12E-03	0.00E+00	0.00E+00	0.00E+00	4.59E-05	1.61E-02	6.39E+00	0.00E+00	7.02E-10	2.39E-08	3.76E-03	1.15E-05	8.53E-03	0.00E+00	6.39E+00	1.80E-08	6.39E+00	6.40E+00	8.53E-03	0.00E+00	0.00E+00	0.00E+00	1.74E-03
VZ105WN	3.48E-03	5.49E-01	0.00E+00	5.49E-01	0.00E+00	0.00E+00	3.60E-01	2.06E-07	1.63E-03	1.79E-02	0.00E+00	0.00E+00	9.66E-12	1.87E-10	1.34E-03	0.00E+00	0.00E+00	0.00E+00	4.86E-05	1.93E-02	7.86E+00	0.00E+00	8.42E-10	2.83E-08	4.51E-03	1.36E-05	1.03E-02	0.00E+00	7.86E+00	2.16E-08	7.86E+00	7.87E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	2.09E-03
VZ105WV	3.77E-03	5.70E-01	0.00E+00	5.70E-01	0.00E+00	0.00E+00	3.75E-01	2.14E-07	1.70E-03	1.86E-02	0.00E+00	0.00E+00	1.06E-11	1.95E-10	1.36E-03	0.00E+00	0.00E+00	0.00E+00	5.09E-05	2.00E-02	7.95E+00	0.00E+00	8.73E-10	2.95E-08	4.69E-03	1.43E-05	1.06E-02	0.00E+00	7.95E+00	2.24E-08	7.95E+00	7.96E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00	2.17E-03
VZ111N	3.01E-04	4.72E-02	0.00E+00	4.72E-02	0.00E+00	0.00E+00	3.10E-02	1.77E-08	1.40E-04	1.54E-03	0.00E+00	0.00E+00	8.31E-13	1.61E-11	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.19E-06	1.66E-03	6.59E-01	0.00E+00	7.24E-11	2.44E-09	3.88E-04	1.18E-06	8.80E-04	0.00E+00	6.59E-01	1.86E-06	6.59E-01	6.59E-01	8.80E-04	0.00E+00	0.00E+00	0.00E+00	1.90E-04
VZ112N	3.42E-04	5.36E-02	0.00E+00	5.36E-02	0.00E+00	0.00E+00	3.53E-02	2.02E-08	1.60E-04	1.76E-03	0.00E+00	0.00E+00	9.45E-13	1.71E-11	1.31E-04	0.00E+00	0.00E+00	0.00E+00	4.77E-06	1.89E-03	7.51E-01	0.00E+00	8.26E-11	2.79E-09	4.42E-04	1.35E-06	1.00E-03	0.00E+00	7.51E-01	2.12E-06	7.51E-01	7.52E-01	1.00E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-04
VZ113N	3.76E-04	5.81E-02	0.00E+00	5.81E-02	0.00E+00	0.00E+00	3.81E-02	2.18E-08	1.73E-04	1.90E-03	0.00E+00	0.00E+00	1.02E-11	1.97E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.15E-06	2.04E-03	8.10E-01	0.00E+00	8.90E-11	3.00E-09	4.75E-04	1.45E-06	1.08E-03	0.00E+00	8.10E-01	2.25E-06	8.10E-01	8.11E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04
VZ114N	4.35E-04	6.83E-02	0.00E+00	6.83E-02	0.00E+00	0.00E+00	4.48E-02	2.57E-08	2.03E-04	2.23E-03	0.00E+00	0.00E+00	1.20E-11	2.33E-11	1.67E-04	0.00E+00	0.00E+00	0.00E+00	6.05E-06	2.40E-03	9.54E-01	0.00E+00	1.05E-10	3.52E-09	5.62E-04	1.71E-06	1.27E-03	0.00E+00	9.54E-01	2.69E-06	9.54E-01	9.55E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
VZ115N	5.14E-04	7.74E-02	0.00E+00	7.74E-02	0.00E+00	0.00E+00	5.07E-02	2.90E-08	2.30E-04	2.52E-03	0.00E+00	0.00E+00	1.36E-11	2.63E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.95E-06	2.72E-03	1.08E+00	0.00E+00	1.19E-10	4.03E-09	6.37E-04	1.94E-06	1.44E-03	0.00E+00	1.08E+00	3.05E-06	1.08E+00	1.08E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
VZ121N	8.23E-04	1.30E-01	0.00E+00	1.30E-01	0.00E+00	0.00E+00	8.54E-02	4.88E-08	3.86E-04	4.24E-03	0.00E+00	0.00E+00	2.26E-11	4.43E-11	3.17E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-05	4.57E-03	1.82E+00	0.00E+00	2.00E-10	6.70E-09	1.07E-03	3.26E-06	2.42E-03	0.00E+00	1.82E+00	5.12E-06	1.82E+00	1.82E+00	2.42E-03	0.00E+00	0.00E+00	0.00E+00	4.94E-04
VZ122N	1.18E-03	1.87E-01	0.00E+00	1.87E-01	0.00E+00	0.00E+00	1.23E-01	7.02E-08	5.56E-04	6.16E-03	0.00E+00	0.00E+00	3.26E-11	6.37E-11	4.56E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-05	6.57E-03	2.61E+00	0.00E+00	2.87E-10	9.64E-09	1.54E-03	4.68E-06	3.49E-03	0.00E+00	2.61E+00	7.37E-06	2.61E+00	2.62E+00	3.49E-03	0.00E+00	0.00E+00	0.00E+00	7.11E-04
VZ122W	8.90E-04	1.40E-01	0.00E+00	1.40E-01	0.00E+00	0.00E+00	9.19E-02	5.25E-08	4.15E-04	4.56E-03	0.00E+00	0.00E+00	2.48E-11	4.76E-11	3.41E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-05	4.90E-03	1.95E+00	0.00E+00	2.15E-10	7.21E-09	1.15E-03	3.50E-06	2.61E-03	0.00E+00	1.95E+00	5.51E-06	1.95E+00	1.96E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	5.52E-04
VZ123N	1.42E-03	2.24E-01	0.00E+00	2.24E-01	0.00E+00	0.00E+00	1.45E-02	8.44E-08	6.66E-04	7.31E-03	0.00E+00	0.00E+00	3.95E-11	7.64E-11	5.48E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-05	7.32E-03	3.15E+00	0.00E+00	3.44E-10	1.14E-08	1.84E-03	5.83E-06	4.18E-03	0.00E+00	3.15E+00	8.84E-06	3.15E+00	3.14E+00	4.18E-03	0.00E+00	0.00E+00	0.00E+00	8.52E-04
VZ123W	1.20E-03	1.89E-01	0.00E+00	1.89E-01	0.00E+00	0.00E+00	1.24E-01	7.11E-08	5.63E-04	6.17E-03	0.00E+00	0.00E+00	3.33E-11	6.45E-11	4.62E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-05	6.65E-03	2.64E+00	0.00E+00	2.91E-10	9.76E-09	1.56E-04	4.74E-06	3.53E-03	0.00E+00	2.64E+00	7.46E-06	2.64E+00	2.65E+00	3.53E-03	0.00E+00	0.00E+00	0.00E+00	7.20E-04
VZ124N	1.75E-03	2.74E-01	0.00E+00	2.74E-01	0.00E+00	0.00E+00	1.80E-01	1.03E-07	8.16E-04	8.95E-03	0.00E+00	0.00E+00	4.83E-11	9.34E-11	6.69E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-05	9.64E-03	3.84E+00	0.00E+00	4.21E-10	1.41E-08	2.26E-03	6.87E-06	5.11E-03	0.00E+00	3.84E+00	1.08E-06	3.84E+00	3.84E+00	5.11E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03
VZ125N	1.52E-03	2.38E-01	0.00E+00	2.38E-01	0.00E+00	0.00E+00	1.56E-01	8.94E-08	7.09E-04	7.77E-03	0.00E+00	0.00E+00	4.19E-11	8.11E-11	5.92E-04	0.00E+00	0.00E+00	0.00E+00	2.11E-05	8.36E-03	3.32E+00	0.00E+00	3.65E-10	1.23E-08	1.96E-03	5.99E-06	4.43E-03	0.00E+00	3.32E+00	9.38E-06	3.32E+00	3.33E+00	4.43E-03	0.00E+00	0.00E+00	0.00E+00	9.09E-04
VZ126N	1.87E-03	2.86E-01	0.00E+00	2.86E-01	0.00E+00	0.00E+00	1.88E-01	1.07E-07	8.50E-04	9.33E-03	0.00E+00	0.00E+00	5.09E-11	9.74E-11	6.98E-04	0.00E+00	0.00E+00	0.00E+00	2.53E-05	1.01E-02	4.09E+00	0.00E+00	4.39E-10	1.48E-08	2.35E-03	7.16E-06	5.33E-03	0.00E+00	4.09E+00	1.13E-06	4.09E+00	4.09E+00	5.33E-03				

VZ36MMK	8.14E-04	1.23E-01	0.00E+00	1.23E-01	0.00E+00	0.00E+00	1.78E-02	4.62E-08	3.66E-04	4.02E-03	0.00E+00	0.00E+00	2.17E-12	4.19E-11	3.00E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	4.32E-03	1.72E+00	0.00E+00	1.89E-10	6.34E-09	1.01E-03	3.0E-06	2.29E-03	0.00E+00	1.72E+00	4.85E-09	1.72E+00	1.72E+00	2.29E-03	0.00E+00	0.00E+00	0.00E+00	4.98E-04
VZ36NAV	1.70E-03	2.68E-01	0.00E+00	2.68E-01	0.00E+00	0.00E+00	1.78E-01	1.01E-03	7.96E-04	8.74E-03	0.00E+00	0.00E+00	4.71E-12	9.12E-11	6.53E-04	0.00E+00	0.00E+00	0.00E+00	2.37E-05	9.42E-03	3.74E+00	0.00E+00	4.11E-10	1.38E-08	2.20E-03	6.71E-06	4.99E-03	0.00E+00	3.74E+00	1.06E-08	3.74E+00	3.75E+00	4.99E-03	0.00E+00	0.00E+00	0.00E+00	1.02E-03
VZ36NRK	3.26E-03	5.14E-01	0.00E+00	5.14E-01	0.00E+00	0.00E+00	3.37E-01	1.93E-07	1.53E-03	1.68E-02	0.00E+00	0.00E+00	9.04E-12	1.75E-10	1.25E-03	0.00E+00	0.00E+00	0.00E+00	4.55E-05	1.81E-02	7.18E+00	0.00E+00	7.89E-10	2.65E-08	4.23E-03	1.29E-05	9.58E-03	0.00E+00	7.18E+00	2.03E-08	7.18E+00	7.19E+00	9.58E-03	0.00E+00	0.00E+00	0.00E+00	1.96E-03
VZ36NUH	2.90E-03	4.58E-01	0.00E+00	4.58E-01	0.00E+00	0.00E+00	3.00E-01	1.72E-07	1.36E-03	1.45E-02	0.00E+00	0.00E+00	8.00E-12	1.56E-10	1.12E-03	0.00E+00	0.00E+00	0.00E+00	4.06E-05	1.61E-02	6.40E+00	0.00E+00	7.03E-10	2.36E-08	3.77E-03	1.15E-05	8.53E-03	0.00E+00	6.40E+00	1.81E-08	6.42E+00	6.41E+00	8.53E-03	0.00E+00	0.00E+00	0.00E+00	1.74E-03
VZ406	9.55E-05	1.50E-02	0.00E+00	1.50E-02	0.00E+00	0.00E+00	9.82E-03	5.68E-08	4.49E-05	4.91E-04	0.00E+00	0.00E+00	2.64E-13	5.15E-12	3.66E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-06	5.32E-04	2.16E-01	0.00E+00	2.33E-11	7.71E-10	1.23E-04	3.76E-07	2.80E-04	0.00E+00	2.16E-01	5.91E-10	2.16E-01	2.16E-01	2.80E-04	0.00E+00	0.00E+00	0.00E+00	5.73E-05
VZ418	1.57E-04	2.46E-02	0.00E+00	2.46E-02	0.00E+00	0.00E+00	1.61E-02	9.24E-09	7.31E-05	8.01E-04	0.00E+00	0.00E+00	4.36E-13	8.93E-12	6.01E-05	0.00E+00	0.00E+00	0.00E+00	2.17E-06	8.66E-04	3.44E-01	0.00E+00	3.77E-11	1.27E-09	2.02E-04	6.18E-07	4.58E-04	0.00E+00	3.44E-01	9.69E-10	3.44E-01	3.44E-01	4.58E-04	0.00E+00	0.00E+00	0.00E+00	9.37E-05
VZ411N	1.11E-04	1.74E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.14E-02	6.55E-09	5.16E-05	5.68E-04	0.00E+00	0.00E+00	3.07E-13	5.95E-12	4.25E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.13E-04	2.44E-01	0.00E+00	2.68E-11	8.97E-10	1.43E-04	4.36E-07	3.25E-04	0.00E+00	2.44E-01	6.86E-10	2.44E-01	2.44E-01	3.25E-04	0.00E+00	0.00E+00	0.00E+00	6.63E-05
VZ418	2.88E-05	4.41E-03	0.00E+00	4.41E-03	0.00E+00	0.00E+00	2.85E-03	1.61E-09	1.31E-05	1.43E-04	0.00E+00	0.00E+00	7.56E-14	1.47E-12	1.07E-05	0.00E+00	0.00E+00	0.00E+00	3.90E-07	1.53E-04	6.12E-02	0.00E+00	3.64E-11	1.23E-09	3.57E-05	1.06E-07	8.22E-05	0.00E+00	6.12E-02	1.65E-09	6.12E-02	5.97E-02	8.22E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-05
VZ451N	7.37E-04	1.11E-01	0.00E+00	1.11E-01	0.00E+00	0.00E+00	7.29E-02	4.18E-08	3.30E-04	3.62E-03	0.00E+00	0.00E+00	2.38E-13	3.78E-11	2.71E-04	0.00E+00	0.00E+00	0.00E+00	9.84E-07	3.91E-03	1.55E+00	0.00E+00	1.71E-10	5.74E-09	9.14E-04	2.79E-06	2.07E-03	0.00E+00	1.55E+00	4.38E-09	1.55E+00	1.56E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	4.22E-04
VZ452N	1.24E-03	1.95E-01	0.00E+00	1.95E-01	0.00E+00	0.00E+00	1.28E-01	7.33E-08	5.93E-04	6.36E-03	0.00E+00	0.00E+00	3.42E-12	6.64E-11	4.78E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-05	6.86E-03	2.72E+00	0.00E+00	2.99E-10	1.01E-08	1.60E-03	4.88E-06	3.64E-03	0.00E+00	2.72E+00	7.69E-09	2.72E+00	2.73E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00	7.42E-04
VZ453N	1.72E-03	2.71E-01	0.00E+00	2.71E-01	0.00E+00	0.00E+00	1.78E-01	1.02E-07	8.05E-04	8.83E-03	0.00E+00	0.00E+00	4.77E-12	9.22E-11	6.61E-04	0.00E+00	0.00E+00	0.00E+00	2.40E-05	9.52E-03	3.78E+00	0.00E+00	4.46E-10	1.40E-08	2.23E-03	6.78E-06	5.05E-03	0.00E+00	3.78E+00	1.07E-08	3.78E+00	3.79E+00	5.05E-03	0.00E+00	0.00E+00	0.00E+00	1.93E-03
VZ454N	2.23E-03	3.38E-01	0.00E+00	3.38E-01	0.00E+00	0.00E+00	2.22E-01	1.27E-07	1.00E-03	1.10E-02	0.00E+00	0.00E+00	5.92E-12	1.15E-10	8.24E-04	0.00E+00	0.00E+00	0.00E+00	2.99E-05	1.16E-02	4.72E+00	0.00E+00	5.19E-10	1.74E-08	2.78E-03	8.4E-06	6.30E-03	0.00E+00	4.72E+00	1.33E-08	4.72E+00	4.73E+00	6.30E-03	0.00E+00	0.00E+00	0.00E+00	1.29E-03
VZ455M	2.55E-03	4.01E-01	0.00E+00	4.01E-01	0.00E+00	0.00E+00	2.63E-01	1.51E-07	1.19E-03	1.31E-02	0.00E+00	0.00E+00	7.06E-12	1.37E-10	9.79E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05	1.41E-02	5.60E+00	0.00E+00	6.16E-10	2.07E-08	3.30E-03	1.00E-05	7.48E-03	0.00E+00	5.60E+00	1.59E-08	5.60E+00	5.61E+00	7.48E-03	0.00E+00	0.00E+00	0.00E+00	1.53E-03
VZ461	2.07E-04	3.27E-02	0.00E+00	3.27E-02	0.00E+00	0.00E+00	2.14E-02	1.23E-08	9.72E-05	1.06E-03	0.00E+00	0.00E+00	5.73E-13	1.11E-11	7.94E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	1.15E-04	4.55E-01	0.00E+00	5.01E-11	1.86E-09	2.66E-04	8.17E-07	6.07E-04	0.00E+00	4.55E-01	1.28E-09	4.55E-01	4.55E-01	6.07E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04
VZ462	2.42E-04	3.75E-02	0.00E+00	3.75E-02	0.00E+00	0.00E+00	2.46E-02	1.40E-08	1.12E-04	1.22E-03	0.00E+00	0.00E+00	6.58E-13	1.28E-11	9.14E-05	0.00E+00	0.00E+00	0.00E+00	3.31E-06	1.32E-03	5.24E-01	0.00E+00	5.77E-11	1.93E-07	3.07E-04	9.37E-07	7.00E-04	0.00E+00	5.24E-01	1.47E-09	5.24E-01	5.21E-01	7.00E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
VZ463	3.01E-04	4.72E-02	0.00E+00	4.72E-02	0.00E+00	0.00E+00	3.10E-02	1.77E-08	1.40E-04	1.54E-03	0.00E+00	0.00E+00	8.31E-13	1.61E-11	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.18E-06	1.68E-03	6.59E-01	0.00E+00	7.24E-11	2.44E-09	3.88E-04	1.18E-08	8.80E-04	0.00E+00	6.59E-01	1.86E-09	6.59E-01	6.59E-01	8.80E-04	0.00E+00	0.00E+00	0.00E+00	1.80E-04
VZ473	6.96E-04	1.40E-01	0.00E+00	1.40E-01	0.00E+00	0.00E+00	9.20E-02	5.28E-08	4.17E-04	4.58E-03	0.00E+00	0.00E+00	2.47E-12	4.78E-11	3.43E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-05	4.83E-03	1.96E+00	0.00E+00	2.15E-10	7.25E-09	1.15E-03	3.52E-06	2.62E-03	0.00E+00	1.96E+00	5.54E-09	1.96E+00	1.96E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	5.94E-04
VZ48AU	4.43E-03	6.98E-01	0.00E+00	6.98E-01	0.00E+00	0.00E+00	4.59E-01	2.63E-07	2.08E-03	2.28E-02	0.00E+00	0.00E+00	1.25E-11	2.38E-10	1.70E-03	0.00E+00	0.00E+00	0.00E+00	6.18E-05	2.48E-02	9.78E+00	0.00E+00	1.07E-09	3.80E-08	6.75E-03	1.75E-05	1.30E-02	0.00E+00	9.78E+00	2.75E-08	9.78E+00	9.78E+00	1.30E-02	0.00E+00	0.00E+00	0.00E+00	2.66E-03
VZ48CAV	1.75E-03	2.78E-01	0.00E+00	2.78E-01	0.00E+00	0.00E+00	1.81E-01	1.04E-07	8.19E-04	8.96E-03	0.00E+00	0.00E+00	4.85E-12	9.38E-11	6.72E-04	0.00E+00	0.00E+00	0.00E+00	2.44E-05	8.69E-03	3.85E+00	0.00E+00	4.23E-10	1.42E-08	2.27E-03	6.93E-06	5.14E-03	0.00E+00	3.85E+00	1.09E-08	3.85E+00	3.86E+00	5.14E-03	0.00E+00	0.00E+00	0.00E+00	1.05E-03
VZ48CHU	4.09E-03	6.45E-01	0.00E+00	6.45E-01	0.00E+00	0.00E+00	4.22E-01	2.42E-07	1.92E-03	2.10E-02	0.00E+00	0.00E+00	1.14E-11	2.20E-10	1.57E-03	0.00E+00	0.00E+00	0.00E+00	5.71E-05	2.27E-02	9.01E+00	0.00E+00	3.90E-10	3.33E-08	5.31E-03	1.61E-05	1.20E-02	0.00E+00	9.01E+00	2.54E-08	9.01E+00	9.02E+00	1.20E-02	0.00E+00	0.00E+00	0.00E+00	2.55E-03
VZ48MME	8.93E-04	1.41E-01	0.00E+00	1.41E-01	0.00E+00	0.00E+00	9.23E-02	5.28E-08	4.18E-04	4.58E-03	0.00E+00	0.00E+00	2.46E-12	4.78E-11	3.43E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-05	4.83E-03	1.96E+00	0.00E+00	2.15E-10	7.24E-09	1.16E-03	3.51E-06	2.62E-03	0.00E+00	1.96E+00	5.54E-09	1.96E+00	1.96E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	5.94E-04
VZ48MMK	8.89E-04	1.40E-01	0.00E+00	1.40E-01	0.00E+00	0.00E+00	9.18E-02	5.25E-08	4.15E-04	4.56E-03	0.00E+00	0.00E+00	2.44E-12	4.76E-11	3.41E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-05	4.82E-03	1.95E+00	0.00E+00	2.15E-10	7.21E-09	1.15E-03	3.50E-06	2.61E-03	0.00E+00	1.95E+00	5.51E-09	1.95E+00	1.96E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	5.92E-04
VZ48NAV	1.78E-03	2.78E-01	0.00E+00	2.78E-01	0.00E+00	0.00E+00	1.81E-01	1.04E-07	8.20E-04	8.96E-03	0.00E+00	0.00E+00	4.85E-12	9.39E-11	6.73E-04	0.00E+00	0.00E+00	0.00E+00	2.44E-05	8.69E-03	3.85E+00	0.00E+00	4.23E-10	1.42E-08	2.27E-03	6.93E-06	5.14E-03	0.00E+00	3.85E+00	1.09E-08	3.85E+00	3.86E+00	5.14E-03	0.00E+00	0.00E+00	0.00E+00	1.05E-03
VZ48NRK	4.47E-03	6.97E-01	0.00E+00	6.97E-01	0.00E+00	0.00E+00	4.57E-01	2.62E-07	2.07E-03	2.27E-02	0.00E+00	0.00E+00	1.23E-11	2.37E-10	1.73E-03	0.00E+00	0.00E+00	0.00E+00	6.16E-05	2.45E-02	9.79E+00	0.00E+00	1.07E-09	3.93E-08	6.73E-03	1.75E-05	1.30E-02	0.00E+00	9.79E+00	2.74E-08	9.79E+00	9.72E+00	1.30E-02	0.00E+00	0.00E+00	0.00E+00	2.64E-03
VZ48NUH	4.44E-03	6.86E-01	0.00E+00	6.86E-01	0.00E+00	0.00E+00	4.49E-01	2.58E-07	2.04E-03	2.24E-02	0.00E+00	0.00E+00	1.21E-11	2.33E-10	1.67E-03	0.00E+00	0.00E+00	0.00E+00	6.05E-05	2.41E-02	9.58E+00	0.00E+00	1.05E-09	3.93E-08	6.63E-03	1.72E-05	1.28E-02	0.00E+00	9.58E+00	2.70E-08	9.58E+00	9.59E+00	1.28E-02	0.00E+00	0.		

VZ704N	5.79E-05	9.12E-03	0.00E+00	9.12E-03	0.00E+00	0.00E+00	1.21E-03	3.44E-09	2.71E-05	2.97E-04	0.00E+00	0.00E+00	1.61E-13	3.10E-12	2.23E-05	0.00E+00	0.00E+00	0.00E+00	8.11E-07	3.21E-04	1.27E-01	0.00E+00	1.40E-11	4.72E-10	7.50E-05	2.29E-07	1.70E-04	0.00E+00	1.27E-01	3.61E-10	1.27E-01	1.28E-01	1.70E-04	0.00E+00	0.00E+00	0.00E+00	3.47E-05
VZ710	1.16E-04	1.85E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.22E-02	7.00E-09	5.48E-05	6.01E-04	0.00E+00	0.00E+00	3.27E-13	6.28E-12	4.51E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.46E-04	2.58E-01	0.00E+00	2.83E-11	9.54E-10	1.52E-04	4.65E-07	3.46E-04	0.00E+00	2.58E-01	7.27E-10	2.58E-01	2.81E-01	3.46E-04	0.00E+00	0.00E+00	0.00E+00	7.03E-05
VZ717	1.05E-04	1.65E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	1.09E-02	6.22E-09	4.93E-05	5.43E-04	0.00E+00	0.00E+00	2.92E-13	5.66E-12	4.03E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-06	5.84E-04	2.32E-01	0.00E+00	2.55E-11	8.52E-10	1.36E-04	4.16E-07	3.09E-04	0.00E+00	2.32E-01	6.51E-10	2.32E-01	2.32E-01	3.09E-04	0.00E+00	0.00E+00	0.00E+00	6.34E-05
VZ722	5.03E-05	8.00E-03	0.00E+00	8.00E-03	0.00E+00	0.00E+00	5.25E-03	3.01E-09	2.33E-05	2.61E-04	0.00E+00	0.00E+00	1.41E-13	2.72E-12	1.92E-05	0.00E+00	0.00E+00	0.00E+00	7.08E-07	2.81E-04	1.12E-01	0.00E+00	1.23E-11	4.13E-10	6.56E-05	2.00E-07	1.40E-04	0.00E+00	1.12E-01	3.15E-10	1.12E-01	1.12E-01	1.46E-04	0.00E+00	0.00E+00	0.00E+00	3.04E-05
VZ723	6.62E-05	1.04E-02	0.00E+00	1.04E-02	0.00E+00	0.00E+00	6.85E-03	3.94E-09	3.10E-05	3.40E-04	0.00E+00	0.00E+00	1.84E-13	3.55E-12	2.55E-05	0.00E+00	0.00E+00	0.00E+00	9.28E-07	3.67E-04	1.48E-01	0.00E+00	1.60E-11	5.41E-10	8.59E-05	2.62E-07	1.95E-04	0.00E+00	1.48E-01	4.13E-10	1.48E-01	1.47E-01	1.95E-04	0.00E+00	0.00E+00	0.00E+00	3.97E-05
VZ724	1.05E-04	1.67E-02	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.10E-02	6.37E-09	4.96E-05	5.44E-04	0.00E+00	0.00E+00	2.97E-13	5.68E-12	4.10E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-06	5.89E-04	2.34E-01	0.00E+00	2.55E-11	8.67E-10	1.39E-04	4.22E-07	3.14E-04	0.00E+00	2.34E-01	6.80E-10	2.34E-01	2.37E-01	3.14E-04	0.00E+00	0.00E+00	0.00E+00	6.36E-05
VZ728	1.25E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.48E-09	5.66E-05	6.48E-04	0.00E+00	0.00E+00	3.51E-13	6.74E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.59E-04	2.79E-01	0.00E+00	3.05E-11	1.03E-09	1.63E-04	4.97E-07	3.71E-04	0.00E+00	2.79E-01	7.81E-10	2.79E-01	2.79E-01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	7.53E-05
VZ730	1.56E-04	2.42E-02	0.00E+00	2.42E-02	0.00E+00	0.00E+00	1.65E-02	9.19E-09	7.26E-05	7.97E-04	0.00E+00	0.00E+00	4.31E-13	8.35E-12	5.96E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-06	8.55E-04	3.42E-01	0.00E+00	3.58E-11	1.30E-09	2.01E-04	6.12E-07	4.55E-04	0.00E+00	3.42E-01	9.83E-10	3.42E-01	3.42E-01	4.55E-04	0.00E+00	0.00E+00	0.00E+00	9.29E-05
VZ744	2.98E-05	4.62E-03	0.00E+00	4.62E-03	0.00E+00	0.00E+00	3.03E-03	1.73E-09	1.37E-05	1.51E-04	0.00E+00	0.00E+00	8.12E-14	1.57E-12	1.15E-05	0.00E+00	0.00E+00	0.00E+00	4.09E-07	1.62E-04	6.45E-02	0.00E+00	7.09E-12	2.38E-10	3.80E-05	1.18E-07	8.60E-05	0.00E+00	6.45E-02	1.82E-10	6.45E-02	6.48E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-05
VZ758	6.66E-05	1.38E-02	0.00E+00	1.38E-02	0.00E+00	0.00E+00	9.03E-03	5.22E-09	4.10E-05	4.48E-04	0.00E+00	0.00E+00	2.42E-13	4.69E-12	3.37E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-06	4.88E-04	1.93E-01	0.00E+00	2.10E-11	7.11E-10	1.13E-04	3.44E-07	2.58E-04	0.00E+00	1.93E-01	6.44E-10	1.93E-01	1.94E-01	2.58E-04	0.00E+00	0.00E+00	0.00E+00	5.21E-05
VZ761	2.28E-04	3.56E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	2.33E-02	1.33E-09	1.06E-04	1.16E-03	0.00E+00	0.00E+00	6.24E-13	1.21E-11	8.67E-05	0.00E+00	0.00E+00	0.00E+00	3.14E-06	1.25E-03	4.97E-01	0.00E+00	5.48E-11	1.83E-09	3.02E-04	8.90E-07	6.64E-04	0.00E+00	4.97E-01	1.40E-09	4.97E-01	4.94E-01	6.64E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04
VZ786N	2.94E-05	4.44E-03	0.00E+00	4.44E-03	0.00E+00	0.00E+00	3.04E-03	1.74E-09	1.38E-05	1.51E-04	0.00E+00	0.00E+00	8.16E-14	1.58E-12	1.13E-05	0.00E+00	0.00E+00	0.00E+00	4.11E-07	1.63E-04	6.48E-02	0.00E+00	7.12E-12	2.39E-10	3.82E-05	1.18E-07	8.66E-05	0.00E+00	6.48E-02	1.83E-10	6.48E-02	6.49E-02	8.66E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-05
VZ790N	3.32E-05	5.20E-03	0.00E+00	5.20E-03	0.00E+00	0.00E+00	3.41E-03	1.95E-09	1.55E-05	1.70E-04	0.00E+00	0.00E+00	9.16E-14	1.77E-12	1.27E-05	0.00E+00	0.00E+00	0.00E+00	4.81E-07	1.83E-04	7.27E-02	0.00E+00	7.99E-12	2.68E-10	4.29E-05	1.30E-07	9.70E-05	0.00E+00	7.27E-02	2.05E-10	7.27E-02	7.28E-02	9.70E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-05
VZ793N	1.16E-04	1.85E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.68E-02	9.47E-09	7.42E-05	8.23E-04	0.00E+00	0.00E+00	4.00E-13	7.82E-12	6.15E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-06	8.89E-04	3.53E-01	0.00E+00	3.85E-11	1.33E-09	2.06E-04	6.30E-07	4.72E-04	0.00E+00	3.53E-01	9.92E-10	3.53E-01	3.52E-01	4.72E-04	0.00E+00	0.00E+00	0.00E+00	9.58E-05
VZ797N	1.29E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.32E-02	7.63E-09	6.00E-05	6.61E-04	0.00E+00	0.00E+00	3.58E-13	6.89E-12	4.94E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.09E-04	2.83E-01	0.00E+00	3.11E-11	1.05E-09	1.67E-04	5.07E-07	3.78E-04	0.00E+00	2.83E-01	7.98E-10	2.83E-01	2.85E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.69E-05
VZ816	2.88E-05	4.44E-03	0.00E+00	4.44E-03	0.00E+00	0.00E+00	2.85E-03	1.61E-09	1.31E-05	1.43E-04	0.00E+00	0.00E+00	7.82E-14	1.45E-12	1.07E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-07	1.53E-04	6.12E-02	0.00E+00	6.73E-12	2.22E-10	3.57E-05	1.09E-07	8.22E-05	0.00E+00	6.12E-02	1.69E-10	6.12E-02	5.97E-02	8.22E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-05
VZ842N	6.13E-05	1.20E-02	0.00E+00	1.20E-02	0.00E+00	0.00E+00	7.69E-03	4.52E-09	3.56E-05	3.92E-04	0.00E+00	0.00E+00	2.12E-13	4.10E-12	2.93E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-06	4.23E-04	1.68E-01	0.00E+00	1.65E-11	6.20E-10	9.90E-05	3.01E-07	2.24E-04	0.00E+00	1.68E-01	4.74E-10	1.68E-01	1.68E-01	2.24E-04	0.00E+00	0.00E+00	0.00E+00	4.57E-05
VZ851N	1.16E-04	1.85E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.22E-02	7.00E-09	5.48E-05	6.01E-04	0.00E+00	0.00E+00	3.27E-13	6.28E-12	4.51E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.46E-04	2.58E-01	0.00E+00	2.83E-11	9.54E-10	1.52E-04	4.65E-07	3.46E-04	0.00E+00	2.58E-01	7.27E-10	2.58E-01	2.81E-01	3.46E-04	0.00E+00	0.00E+00	0.00E+00	7.03E-05
VZ852N	1.55E-04	2.44E-02	0.00E+00	2.44E-02	0.00E+00	0.00E+00	1.60E-02	9.19E-09	7.25E-05	7.97E-04	0.00E+00	0.00E+00	4.27E-13	8.32E-12	5.95E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	8.59E-04	3.41E-01	0.00E+00	3.75E-11	1.30E-09	2.01E-04	6.10E-07	4.57E-04	0.00E+00	3.41E-01	9.61E-10	3.41E-01	3.40E-01	4.57E-04	0.00E+00	0.00E+00	0.00E+00	9.29E-05
VZ855N	5.77E-04	8.97E-02	0.00E+00	8.97E-02	0.00E+00	0.00E+00	5.88E-02	3.37E-09	2.67E-04	2.92E-03	0.00E+00	0.00E+00	1.58E-12	3.05E-11	2.19E-04	0.00E+00	0.00E+00	0.00E+00	7.95E-06	3.15E-03	1.25E+00	0.00E+00	1.38E-10	4.63E-09	7.38E-04	2.25E-06	1.67E-03	0.00E+00	1.25E+00	3.54E-09	1.25E+00	1.25E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	3.41E-04
VZ857N	4.34E-04	6.82E-02	0.00E+00	6.82E-02	0.00E+00	0.00E+00	4.28E-02	3.37E-09	2.62E-04	2.92E-03	0.00E+00	0.00E+00	1.26E-12	2.32E-11	1.68E-04	0.00E+00	0.00E+00	0.00E+00	6.94E-06	2.40E-03	9.53E-01	0.00E+00	1.05E-10	5.32E-09	8.61E-04	1.71E-06	1.27E-03	0.00E+00	9.53E-01	2.69E-09	9.53E-01	9.55E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
VZ858N	5.77E-04	8.97E-02	0.00E+00	8.97E-02	0.00E+00	0.00E+00	5.88E-02	3.37E-09	2.67E-04	2.92E-03	0.00E+00	0.00E+00	1.58E-12	3.06E-11	2.19E-04	0.00E+00	0.00E+00	0.00E+00	7.95E-06	3.15E-03	1.25E+00	0.00E+00	1.38E-10	4.63E-09	7.38E-04	2.25E-06	1.67E-03	0.00E+00	1.25E+00	3.54E-09	1.25E+00	1.25E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	3.41E-04
VZ860N	6.93E-04	1.08E-01	0.00E+00	1.08E-01	0.00E+00	0.00E+00	7.09E-02	4.06E-09	3.21E-04	3.53E-03	0.00E+00	0.00E+00	1.90E-12	3.68E-11	2.64E-04	0.00E+00	0.00E+00	0.00E+00	9.57E-06	3.80E-03	1.51E+00	0.00E+00	1.66E-10	5.57E-09	8.89E-04	2.71E-06	2.02E-03	0.00E+00	1.51E+00	4.26E-09	1.51E+00	1.51E+00	2.02E-03	0.00E+00	0.00E+00	0.00E+00	4.11E-04
VZ861N	3.95E-04	5.87E-02	0.00E+00	5.87E-02	0.00E+00	0.00E+00	3.85E-02	2.20E-09	1.74E-04	1.91E-03	0.00E+00	0.00E+00	1.03E-12	2.00E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.19E-06	2.26E-03	8.20E-01	0.00E+00	9.01E-11	3.03E-09	4.83E-04	1.47E-06	1.09E-03	0.00E+00	8.20E-01	2.31E-09	8.20E-01	8.21E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.32E-04
VZ909N	4.78E-05	7.53E-03	0.00E+00	7.53E-03	0.00E+00	0.00E+00	4.94E-03	2.83E-09	2.24E-05	2.46E-04	0.00E+00	0.00E+00	1.32E-13	2.56E-12	1.84E-05	0.00E+00	0.00E+00	0.00E+00	6.67E-07	2.65E-04	1.03E-01	0.00E+00	1.16E-11	3.88E-10	6.19E-05	1.88E-07	1.40E-04	0.00E+00	1.03E-01	2.97E-10	1.03E-01	1.05E-01	1.40E-04	0.00E+00			

B04911	5.40E-05	2.59E-02	4.31E-03	2.16E-02	0.00E+00	0.00E+00	2.70E-01	2.71E-07	2.52E-05	1.60E-04	0.00E+00	4.95E-04	2.05E-09	6.13E-11	3.26E-03	4.95E-05	2.40E-03	1.86E-03	3.83E-05	9.12E-03	1.87E-01	0.00E+00	2.45E-10	3.29E-10	3.73E-05	1.02E-06	2.51E-02	0.00E+00	1.97E-01	4.75E-10	1.87E-01	2.12E-01	2.51E-02	0.00E+00	0.00E+00	0.00E+00	1.64E-03
B04912	8.94E-05	4.22E-02	7.17E-03	3.50E-02	0.00E+00	0.00E+00	4.49E-01	4.46E-07	4.17E-05	2.64E-04	0.00E+00	7.62E-04	3.41E-09	1.01E-10	5.27E-03	8.24E-05	3.55E-03	1.96E-03	6.18E-05	1.47E-02	3.07E-01	0.00E+00	4.06E-10	5.41E-10	8.16E-05	1.66E-06	4.13E-02	0.00E+00	3.07E-01	7.77E-10	3.07E-01	3.48E-01	4.13E-02	0.00E+00	0.00E+00	0.00E+00	2.65E-03
B04917	9.78E-04	4.01E-01	7.55E-02	3.26E-01	0.00E+00	0.00E+00	4.69E-00	4.46E-04	4.32E-04	2.68E-03	0.00E+00	7.93E-03	3.59E-08	1.05E-09	4.84E-02	8.68E-04	2.67E-02	0.00E+00	6.65E-04	1.33E-01	3.00E+00	0.00E+00	4.17E-09	5.40E-09	6.27E-04	1.60E-05	4.12E-01	0.00E+00	3.00E+00	7.57E-09	3.09E+00	3.50E+00	4.12E-01	0.00E+00	0.00E+00	0.00E+00	2.42E-02
B04918	1.27E-03	5.22E-01	9.82E-02	4.23E-01	0.00E+00	0.00E+00	5.10E+00	5.80E-05	5.61E-04	3.45E-03	0.00E+00	1.03E-02	4.67E-08	1.36E-09	6.30E-02	1.13E-03	3.48E-02	0.00E+00	7.35E-04	1.73E-01	4.01E+00	0.00E+00	5.43E-09	7.02E-09	3.16E-04	2.08E-05	5.35E-01	0.00E+00	4.01E+00	9.85E-09	4.01E+00	4.55E+00	5.35E-01	0.00E+00	0.00E+00	0.00E+00	3.15E-02
B04919	1.63E-03	6.67E-01	1.26E-01	5.41E-01	0.00E+00	0.00E+00	7.80E+00	7.47E-07	7.18E-04	4.46E-03	0.00E+00	1.32E-02	5.97E-08	1.74E-09	8.05E-02	1.44E-04	3.45E-02	0.00E+00	9.39E-04	2.22E-01	5.13E+00	0.00E+00	6.94E-09	8.99E-09	1.04E-03	2.66E-05	6.85E-01	0.00E+00	5.13E+00	1.26E-08	5.13E+00	5.02E+00	6.85E-01	0.00E+00	0.00E+00	0.00E+00	4.03E-02
B04925	3.13E-04	1.46E-01	2.48E-02	1.21E-01	0.00E+00	0.00E+00	1.55E+00	1.54E-06	1.44E-04	9.12E-04	0.00E+00	2.63E-03	1.18E-08	3.50E-10	1.82E-02	2.84E-04	1.09E-02	3.23E-03	2.19E-04	5.07E-02	1.06E+00	0.00E+00	1.40E-09	1.87E-09	2.12E-04	5.72E-06	1.43E-01	0.00E+00	1.06E+00	2.88E-09	1.06E+00	1.20E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	9.15E-03
B04926	5.33E-04	1.64E-01	2.89E-02	1.39E-01	0.00E+00	0.00E+00	1.75E+00	1.74E-06	1.63E-04	1.03E-03	0.00E+00	2.87E-03	1.33E-08	3.94E-10	2.04E-02	3.22E-04	1.21E-02	3.45E-03	2.31E-04	5.69E-02	1.19E+00	0.00E+00	1.58E-09	6.51E-09	2.40E-04	6.44E-06	1.61E-01	0.00E+00	1.19E+00	3.02E-09	1.19E+00	1.36E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
B04927	7.17E-04	1.27E-01	5.90E-02	2.42E-01	0.00E+00	0.00E+00	1.41E+00	1.37E-06	1.25E-04	7.36E-03	0.00E+00	1.96E-03	8.76E-08	2.61E-02	6.13E-04	2.86E-04	1.09E-02	4.29E-04	9.96E-02	2.26E+00	0.00E+00	3.90E-09	2.10E-09	4.58E-04	1.16E-05	3.02E-01	0.00E+00	1.26E+00	3.02E-09	2.26E+00	2.96E+00	3.02E-01	0.00E+00	0.00E+00	0.00E+00	1.91E-02	
B04928	9.96E-04	4.21E-01	7.65E-02	3.35E-01	0.00E+00	0.00E+00	4.75E+00	4.54E-06	4.38E-04	2.73E-03	0.00E+00	8.04E-03	3.63E-08	1.06E-09	4.99E-02	8.79E-04	2.84E-02	1.48E-03	5.83E-04	1.38E-01	3.14E+00	0.00E+00	4.24E-09	5.51E-09	6.38E-04	1.64E-05	4.20E-01	0.00E+00	3.14E+00	7.74E-09	3.14E+00	3.58E+00	4.20E-01	0.00E+00	0.00E+00	0.00E+00	2.50E-02
B04929	1.24E-03	5.10E-01	9.50E-02	4.15E-01	0.00E+00	0.00E+00	5.91E+00	5.64E-06	5.44E-04	3.39E-03	0.00E+00	9.99E-03	4.51E-08	1.32E-09	6.18E-02	1.09E-03	3.50E-02	1.46E-03	7.21E-04	1.70E-01	3.90E+00	0.00E+00	5.26E-09	6.83E-09	7.92E-04	2.03E-05	5.21E-01	0.00E+00	3.90E+00	9.60E-09	3.90E+00	4.42E-01	5.21E-01	0.00E+00	0.00E+00	0.00E+00	3.10E-02
B04943	5.74E-04	2.61E-01	4.70E-02	2.14E-01	0.00E+00	0.00E+00	2.93E+00	2.84E-06	2.71E-04	1.70E-03	0.00E+00	4.86E-03	2.23E-08	6.58E-10	3.20E-02	5.40E-04	1.96E-02	3.27E-03	3.75E-04	8.88E-02	1.96E+00	0.00E+00	2.62E-09	3.44E-09	3.96E-04	1.03E-05	2.62E-01	0.00E+00	1.96E+00	4.87E-09	1.96E+00	2.22E-01	2.62E-01	0.00E+00	0.00E+00	0.00E+00	1.61E-02
B04944	7.47E-04	3.40E-01	6.11E-02	2.79E-01	0.00E+00	0.00E+00	3.81E+00	3.69E-06	3.52E-04	2.21E-03	0.00E+00	6.45E-03	2.90E-08	8.55E-10	4.18E-02	7.02E-04	2.56E-02	4.44E-03	4.88E-04	1.16E-01	2.56E+00	0.00E+00	3.41E-09	4.48E-09	5.15E-04	1.35E-05	3.42E-01	0.00E+00	2.56E+00	6.35E-09	2.56E+00	2.89E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	2.10E-02
B04945	1.31E-03	5.94E-01	1.08E-01	4.86E-01	0.00E+00	0.00E+00	6.71E+00	6.48E-06	6.19E-04	3.88E-03	0.00E+00	1.14E-02	5.12E-08	1.51E-09	7.28E-02	1.24E-03	4.35E-02	5.93E-03	8.49E-04	2.01E-01	4.48E+00	0.00E+00	6.00E-09	7.85E-09	9.05E-04	2.32E-05	5.99E-01	0.00E+00	4.48E+00	1.11E-08	4.48E+00	5.07E+00	5.99E-01	0.00E+00	0.00E+00	0.00E+00	3.64E-02
B04946	1.02E-03	4.93E-01	8.93E-02	4.03E-01	0.00E+00	0.00E+00	5.65E+00	5.39E-06	5.14E-04	3.22E-03	0.00E+00	8.42E-03	3.70E-08	1.02E-09	6.03E-02	1.03E-03	3.92E-02	5.09E-03	7.05E-04	1.67E-01	3.71E+00	0.00E+00	4.98E-09	6.51E-09	7.51E-04	1.95E-05	4.97E-01	0.00E+00	3.71E+00	9.21E-09	3.71E+00	4.21E+00	4.97E-01	0.00E+00	0.00E+00	0.00E+00	3.03E-02
B04947	7.98E-04	3.65E-01	6.50E-02	3.01E-01	0.00E+00	0.00E+00	4.55E+00	4.39E-06	4.25E-04	2.56E-03	0.00E+00	6.86E-03	3.09E-08	8.51E-10	4.50E-02	7.46E-04	2.82E-02	4.75E-03	5.27E-04	1.25E-01	2.72E+00	0.00E+00	3.64E-09	4.79E-09	4.49E-04	1.45E-05	3.65E-01	0.00E+00	2.72E+00	6.80E-09	2.72E+00	3.09E+00	3.65E-01	0.00E+00	0.00E+00	0.00E+00	2.26E-02
B04956	1.09E-03	4.93E-01	8.93E-02	4.03E-01	0.00E+00	0.00E+00	5.66E+00	5.38E-06	5.14E-04	3.22E-03	0.00E+00	9.42E-03	4.24E-08	1.25E-09	6.03E-02	1.03E-03	3.62E-02	5.09E-03	7.05E-04	1.67E-01	3.71E+00	0.00E+00	4.98E-09	6.51E-09	7.51E-04	1.95E-05	4.97E-01	0.00E+00	3.71E+00	9.21E-09	3.71E+00	4.21E+00	4.97E-01	0.00E+00	0.00E+00	0.00E+00	3.03E-02
B04957	7.98E-04	3.65E-01	6.50E-02	3.01E-01	0.00E+00	0.00E+00	4.55E+00	4.39E-06	4.25E-04	2.56E-03	0.00E+00	6.86E-03	3.09E-08	8.51E-10	4.50E-02	7.46E-04	2.82E-02	4.75E-03	5.27E-04	1.25E-01	2.72E+00	0.00E+00	3.64E-09	4.79E-09	4.49E-04	1.45E-05	3.65E-01	0.00E+00	2.72E+00	6.80E-09	2.72E+00	3.09E+00	3.65E-01	0.00E+00	0.00E+00	0.00E+00	2.26E-02
B05169	3.34E-05	1.54E-02	3.38E-03	1.21E-02	0.00E+00	0.00E+00	1.80E-01	1.59E-07	1.64E-05	1.01E-04	0.00E+00	2.82E-04	1.29E-09	4.44E-11	1.72E-03	3.08E-05	3.65E-03	0.00E+00	2.58E-05	7.69E-03	1.16E-01	0.00E+00	1.53E-10	1.96E-10	3.39E-05	5.86E-07	1.46E-02	0.00E+00	1.16E-01	2.72E-10	1.16E-01	1.35E-01	1.46E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-03
B05172	4.88E-05	3.49E-02	1.53E-03	3.33E-02	0.00E+00	0.00E+00	1.17E-01	2.40E-07	1.33E-05	1.15E-04	0.00E+00	2.18E-04	7.26E-10	3.38E-11	5.34E-03	1.75E-05	3.40E-02	1.03E-03	6.48E-05	1.61E-02	1.54E-01	0.00E+00	1.48E-10	2.93E-10	2.59E-05	1.23E-06	2.28E-02	0.00E+00	1.54E-01	5.32E-10	1.54E-01	1.77E-01	2.28E-02	0.00E+00	0.00E+00	0.00E+00	2.78E-03
B05173	8.80E-05	5.72E-02	2.48E-03	5.47E-02	0.00E+00	0.00E+00	1.90E-01	3.82E-07	2.17E-05	1.86E-04	0.00E+00	3.54E-04	1.17E-09	5.50E-11	8.79E-03	2.94E-05	3.89E-02	7.89E-04	1.08E-04	2.63E-02	2.52E-01	0.00E+00	2.41E-10	4.90E-10	4.19E-05	2.02E-06	3.74E-02	0.00E+00	2.52E-01	6.72E-10	2.52E-01	2.99E-01	3.74E-02	0.00E+00	0.00E+00	0.00E+00	4.57E-03
B05174	1.09E-03	6.82E-02	1.32E-01	2.01E-01	0.00E+00	0.00E+00	7.65E+00	7.35E-06	7.26E-04	4.25E-03	0.00E+00	1.26E-02	6.18E-08	1.48E-09	4.07E-02	1.52E-03	3.92E-02	5.09E-03	7.05E-04	1.67E-01	3.71E+00	0.00E+00	4.98E-09	6.51E-09	7.51E-04	1.95E-05	4.97E-01	0.00E+00	3.71E+00	9.21E-09	3.71E+00	4.21E+00	4.97E-01	0.00E+00	0.00E+00	0.00E+00	3.03E-02
B05182	1.08E-03	5.42E-02	1.30E-01	1.85E-01	0.00E+00	0.00E+00	7.47E+00	7.31E-06	7.16E-04	4.23E-03	0.00E+00	1.21E-02	6.18E-08	1.46E-09	3.80E-02	1.49E-03	3.65E-02	1.72E-01	5.14E-04	1.42E-01	2.76E+00	0.00E+00	5.42E-09	4.16E-09	7.19E-04	2.84E-05	3.05E-01	0.00E+00	2.76E+00	2.47E-09	2.76E+00	3.07E+00	3.05E-01	0.00E+00	0.00E+00	0.00E+00	2.21E-02
B05184	8.59E-06	4.81E-03	7.78E-04	4.04E-03	0.00E+00	0.00E+00	4.33E-02	4.17E-04	4.00E-06	2.57E-05	0.00E+00	8.62E-05	3.07E-10	1.08E-11	5.98E-04	7.29E-06	1.19E-03	1.71E-04	8.45E-06	2.34E-03	2.84E-02	0.00E+00	3.81E-11	5.12E-11	6.01E-06	1.62E-07	3.80E-03	0.00E+00	2.84E-02	7.36E-11	2.84E-02	3.22E-02	3.80E-03	0.00E+00	0.00E+00	0.00E+00	3.63E-04
B05186	8.59E-06	4.81E-03	7.78E-04	4.04E-03	0.00E+00	0.00E+00	4.33E-02	4.17E-04	4.00E-06	2.57E-05	0.00E+00	8.62E-05	3.07E-10	1.08E-11	5.98E-04	7.29E-06	1.19E-03	1.71E-04	8.45E-06	2.34E-03	2.84E-02	0.00E+00	3.81E-11	5.12E-11	6.01E-06	1.62E-07	3.80E-03	0.00E+00	2.84E-02	7.36E-11	2.84E-02	3.22E-02	3.80E-03	0.00E+00	0.00E+00	0.00E+00	3.63E-04
B05188	2.05E-05	1.09E-02	1.71E-03	3.22E-03	0.00E+00	0.00E+00	1.08E-01	1.11E-07	1.01E-05	6.50E-05	0.00E+00	1.84E-04	8.13E-10	2.46E-11	1.40E-03	1.97E-05	3.06E-02	1.73E-03	1.65E-05	3.94E-03	7.62E-02	0.00E+00	8.99E-11	1.35E-10	1.51E-05	4.25E-07	1.03E-02	0.00E+00	7.62E-02	1.98E-10	7.62E-02	8.65E-02	1.03E-02	0.00E+00	0.0		

GD104T	2.10E-05	9.47E-03	1.71E-03	7.76E-03	0.00E+00	0.00E+00	1.07E-01	1.03E-07	8.82E-08	6.17E-05	0.00E+00	1.81E-04	8.13E-10	2.30E-11	1.16E-03	1.97E-05	1.28E-03	1.12E-03	1.38E-05	3.21E-03	7.12E-02	0.00E+00	9.54E-11	1.23E-10	1.44E-05	3.76E-07	9.54E-03	0.00E+00	7.12E-02	1.77E-10	7.12E-02	8.08E-02	9.54E-03	0.00E+00	0.00E+00	0.00E+00	5.93E-04
GD106A	1.31E-04	6.35E-02	1.01E-02	5.34E-02	0.00E+00	0.00E+00	6.35E-01	6.52E-07	5.94E-05	3.81E-04	0.00E+00	1.08E-03	4.80E-09	1.45E-10	8.09E-03	1.16E-04	6.06E-03	2.76E-03	9.52E-05	2.28E-02	4.48E-01	0.00E+00	5.81E-10	7.90E-10	8.87E-05	2.47E-06	6.04E-02	0.00E+00	4.48E-01	1.15E-09	4.48E-01	5.07E-01	9.04E-02	0.00E+00	0.00E+00	0.00E+00	4.09E-03
GD106B	1.98E-04	9.34E-02	1.57E-02	7.78E-02	0.00E+00	0.00E+00	9.84E-01	9.83E-07	9.15E-05	5.81E-04	0.00E+00	1.67E-03	7.47E-09	2.23E-10	1.17E-02	1.81E-04	8.95E-03	2.76E-03	1.37E-04	3.27E-02	6.76E-01	0.00E+00	8.92E-10	1.19E-09	1.35E-04	3.67E-06	9.10E-02	0.00E+00	6.76E-01	1.72E-09	6.76E-01	7.87E-01	9.10E-02	0.00E+00	0.00E+00	0.00E+00	5.89E-03
GD106E	1.31E-04	6.35E-02	1.01E-02	5.34E-02	0.00E+00	0.00E+00	6.35E-01	6.52E-07	5.94E-05	3.81E-04	0.00E+00	1.08E-03	4.80E-09	1.45E-10	8.09E-03	1.16E-04	6.06E-03	2.76E-03	9.52E-05	2.28E-02	4.48E-01	0.00E+00	5.81E-10	7.90E-10	8.87E-05	2.47E-06	6.04E-02	0.00E+00	4.48E-01	1.15E-09	4.48E-01	5.07E-01	9.04E-02	0.00E+00	0.00E+00	0.00E+00	4.09E-03
GD106N	1.31E-04	6.35E-02	1.01E-02	5.34E-02	0.00E+00	0.00E+00	6.35E-01	6.52E-07	5.94E-05	3.81E-04	0.00E+00	1.08E-03	4.80E-09	1.45E-10	8.09E-03	1.16E-04	6.06E-03	2.76E-03	9.52E-05	2.28E-02	4.48E-01	0.00E+00	5.81E-10	7.90E-10	8.87E-05	2.47E-06	6.04E-02	0.00E+00	4.48E-01	1.15E-09	4.48E-01	5.07E-01	9.04E-02	0.00E+00	0.00E+00	0.00E+00	4.09E-03
GD106Y	3.62E-05	1.58E-02	3.04E-03	1.28E-02	0.00E+00	0.00E+00	1.88E-01	1.78E-07	1.73E-05	1.07E-04	0.00E+00	3.18E-04	1.44E-09	4.20E-11	1.90E-03	3.49E-05	1.57E-03	9.61E-04	2.21E-05	5.22E-03	1.23E-01	0.00E+00	1.67E-10	2.15E-10	2.51E-05	6.33E-07	1.64E-02	0.00E+00	1.23E-01	3.00E-10	1.23E-01	1.39E-01	1.64E-02	0.00E+00	0.00E+00	0.00E+00	9.50E-04
GD108A	1.95E-04	8.73E-02	1.61E-02	7.12E-02	0.00E+00	0.00E+00	1.00E+00	9.61E-07	9.24E-05	5.77E-04	0.00E+00	1.70E-03	7.52E-09	2.25E-10	1.06E-02	1.65E-04	6.15E-03	4.92E-04	1.24E-04	2.93E-02	6.64E-01	0.00E+00	8.94E-10	1.19E-09	1.35E-04	3.47E-06	8.88E-02	0.00E+00	6.64E-01	1.64E-09	6.64E-01	7.53E-01	8.88E-02	0.00E+00	0.00E+00	0.00E+00	5.33E-03
GD108E	1.95E-04	8.73E-02	1.61E-02	7.12E-02	0.00E+00	0.00E+00	1.00E+00	9.61E-07	9.24E-05	5.77E-04	0.00E+00	1.70E-03	7.52E-09	2.25E-10	1.06E-02	1.65E-04	6.15E-03	4.92E-04	1.24E-04	2.93E-02	6.64E-01	0.00E+00	8.94E-10	1.19E-09	1.35E-04	3.47E-06	8.88E-02	0.00E+00	6.64E-01	1.64E-09	6.64E-01	7.53E-01	8.88E-02	0.00E+00	0.00E+00	0.00E+00	5.33E-03
GD108N	1.95E-04	8.73E-02	1.61E-02	7.12E-02	0.00E+00	0.00E+00	1.00E+00	9.61E-07	9.24E-05	5.77E-04	0.00E+00	1.70E-03	7.52E-09	2.25E-10	1.06E-02	1.65E-04	6.15E-03	4.92E-04	1.24E-04	2.93E-02	6.64E-01	0.00E+00	8.94E-10	1.19E-09	1.35E-04	3.47E-06	8.88E-02	0.00E+00	6.64E-01	1.64E-09	6.64E-01	7.53E-01	8.88E-02	0.00E+00	0.00E+00	0.00E+00	5.33E-03
GD110A	2.52E-04	1.13E-01	2.09E-02	9.18E-02	0.00E+00	0.00E+00	1.30E+00	1.24E-07	1.20E-04	7.46E-04	0.00E+00	2.20E-03	9.32E-09	2.91E-10	1.37E-02	2.40E-04	7.84E-03	4.92E-04	1.60E-04	3.78E-02	8.60E-01	0.00E+00	1.16E-09	1.51E-09	1.74E-04	4.49E-06	1.15E-01	0.00E+00	8.60E-01	2.12E-09	8.60E-01	9.74E-01	1.15E-01	0.00E+00	0.00E+00	0.00E+00	6.86E-03
GD110E	2.52E-04	1.13E-01	2.09E-02	9.18E-02	0.00E+00	0.00E+00	1.30E+00	1.24E-07	1.20E-04	7.46E-04	0.00E+00	2.20E-03	9.32E-09	2.91E-10	1.37E-02	2.40E-04	7.84E-03	4.92E-04	1.60E-04	3.78E-02	8.60E-01	0.00E+00	1.16E-09	1.51E-09	1.74E-04	4.49E-06	1.15E-01	0.00E+00	8.60E-01	2.12E-09	8.60E-01	9.74E-01	1.15E-01	0.00E+00	0.00E+00	0.00E+00	6.86E-03
GD110N	2.52E-04	1.13E-01	2.09E-02	9.18E-02	0.00E+00	0.00E+00	1.30E+00	1.24E-07	1.20E-04	7.46E-04	0.00E+00	2.20E-03	9.32E-09	2.91E-10	1.37E-02	2.40E-04	7.84E-03	4.92E-04	1.60E-04	3.78E-02	8.60E-01	0.00E+00	1.16E-09	1.51E-09	1.74E-04	4.49E-06	1.15E-01	0.00E+00	8.60E-01	2.12E-09	8.60E-01	9.74E-01	1.15E-01	0.00E+00	0.00E+00	0.00E+00	6.86E-03
GD113A	6.54E-04	2.90E-01	5.82E-02	2.35E-01	0.00E+00	0.00E+00	3.39E+00	3.23E-06	3.12E-04	1.94E-03	0.00E+00	5.74E-03	2.60E-08	7.99E-10	3.50E-02	6.28E-04	1.94E-02	0.00E+00	4.90E-04	9.65E-02	2.23E-04	0.00E+00	3.02E-09	3.91E-09	4.54E-04	1.16E-05	2.98E-01	0.00E+00	2.23E-04	5.48E-09	2.23E-04	2.53E-04	2.98E-01	0.00E+00	0.00E+00	0.00E+00	1.75E-03
GD113D	6.57E-05	2.05E-02	4.32E-03	1.02E-02	0.00E+00	0.00E+00	4.78E-01	2.32E-07	3.97E-05	1.91E-04	0.00E+00	7.75E-04	3.92E-09	3.38E-11	2.75E-02	9.59E-05	1.57E-02	6.41E-04	2.99E-05	6.39E-03	1.82E-01	0.00E+00	3.62E-10	2.77E-10	4.67E-05	1.94E-07	2.03E-02	0.00E+00	1.82E-04	1.79E-10	1.82E-01	2.02E-01	2.03E-02	0.00E+00	0.00E+00	0.00E+00	1.28E-03
GD113F	1.23E-04	5.62E-02	8.88E-03	2.67E-02	0.00E+00	0.00E+00	1.42E-01	4.60E-07	4.88E-05	2.86E-04	0.00E+00	8.08E-04	4.22E-09	1.18E-10	3.81E-03	1.02E-04	3.81E-03	2.86E-03	4.33E-05	9.91E-03	3.26E-01	0.00E+00	4.63E-10	5.56E-10	1.32E-05	1.49E-06	4.21E-02	0.00E+00	3.26E-01	7.26E-10	3.26E-01	3.65E-01	2.41E-02	0.00E+00	0.00E+00	0.00E+00	1.98E-03
GD113H	1.34E-04	3.19E-02	1.44E-02	1.75E-02	0.00E+00	0.00E+00	6.56E-01	6.00E-07	7.45E-05	4.09E-04	0.00E+00	1.41E-03	6.83E-09	1.79E-10	1.98E-03	1.65E-04	6.55E-04	7.10E-04	1.88E-05	3.19E-03	4.33E-01	0.00E+00	6.88E-10	7.22E-10	9.78E-05	1.53E-04	5.42E-02	0.00E+00	4.33E-01	8.10E-10	4.33E-01	4.89E-01	5.42E-02	0.00E+00	0.00E+00	0.00E+00	8.09E-04
GD113J	3.88E-05	7.29E-05	3.32E-03	3.25E-03	0.00E+00	0.00E+00	1.62E-01	9.75E-08	1.60E-05	7.81E-05	0.00E+00	1.12E-04	1.58E-09	3.79E-11	7.31E-04	3.62E-05	3.49E-04	1.75E-03	1.02E-05	2.91E-03	7.57E-02	0.00E+00	1.42E-10	1.17E-10	1.91E-05	1.07E-07	6.59E-03	0.00E+00	7.57E-02	6.39E-11	7.57E-02	8.43E-02	8.59E-03	0.00E+00	0.00E+00	0.00E+00	4.99E-04
GD113M	4.17E-05	1.43E-03	3.95E-03	2.13E-03	0.00E+00	0.00E+00	2.07E-01	1.12E-07	1.74E-05	8.88E-05	0.00E+00	3.37E-04	1.96E-09	4.12E-11	5.63E-04	4.09E-05	4.43E-04	1.74E-03	8.24E-04	2.44E-03	8.57E-03	0.00E+00	1.55E-10	1.34E-10	2.11E-05	1.61E-07	9.94E-03	0.00E+00	8.57E-03	1.06E-10	8.57E-03	9.57E-02	9.94E-03	0.00E+00	0.00E+00	0.00E+00	3.54E-04
GD113S	6.58E-04	2.92E-01	5.50E-02	2.37E-01	0.00E+00	0.00E+00	3.41E+00	3.24E-06	3.14E-04	1.95E-03	0.00E+00	5.77E-03	2.81E-08	7.63E-10	3.53E-02	6.31E-04	1.95E-02	0.00E+00	4.11E-04	9.71E-02	2.25E-04	0.00E+00	3.04E-09	3.93E-09	4.59E-04	1.16E-05	3.0E-01	0.00E+00	2.25E-04	5.51E-09	2.25E-04	2.55E-04	3.0E-01	0.00E+00	0.00E+00	0.00E+00	1.77E-02
GD113U	4.88E-04	2.04E-01	3.52E-02	1.68E-01	0.00E+00	0.00E+00	2.37E+00	2.28E-06	2.18E-04	1.36E-03	0.00E+00	4.01E-03	1.81E-08	5.30E-10	2.47E-02	4.38E-04	1.54E-02	1.86E-02	2.88E-04	6.80E-02	1.56E-04	0.00E+00	2.11E-09	2.74E-09	3.17E-04	8.12E-06	2.94E-01	0.00E+00	1.56E-04	3.84E-09	1.56E-04	1.77E-04	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
GD118A	5.13E-04	2.28E-01	4.75E-02	1.85E-01	0.00E+00	0.00E+00	2.65E+00	2.53E-06	2.45E-04	1.53E-03	0.00E+00	4.50E-03	2.04E-08	5.95E-10	2.75E-02	4.92E-04	1.57E-02	1.82E-02	3.09E-04	3.56E-04	7.92E-02	0.00E+00	2.37E-09	3.90E-09	4.59E-04	1.08E-06	2.81E-01	0.00E+00	1.75E-04	4.20E-09	1.75E-04	1.98E-04	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.38E-02
GD118M	5.80E-04	2.57E-01	4.92E-02	2.06E-01	0.00E+00	0.00E+00	2.95E+00	2.83E-06	2.72E-04	1.70E-03	0.00E+00	4.99E-03	2.26E-08	6.61E-10	3.12E-02	5.45E-04	1.76E-02	2.21E-03	3.84E-04	8.62E-02	1.96E-04	0.00E+00	2.63E-09	3.43E-09	3.96E-04	1.02E-05	2.81E-01	0.00E+00	1.96E-04	4.82E-09	1.96E-04	2.22E-04	2.61E-01	0.00E+00	0.00E+00	0.00E+00	1.56E-02
GD118S	5.19E-04	2.30E-01	4.33E-02	1.87E-01	0.00E+00	0.00E+00	2.69E+00	2.58E-06	2.48E-04	1.54E-03	0.00E+00	4.55E-03	2.06E-08	6.01E-10	2.78E-02	4.98E-04	1.53E-02	0.00E+00	3.24E-04	7.65E-02	1.77E-04	0.00E+00	2.39E-09	3.10E-09	3.60E-04	9.18E-06	2.36E-01	0.00E+00	1.77E-04	4.34E-09	1.77E-04	2.01E-04	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.39E-02
GD213B	7.87E-04	3.25E-01	6.04E-02	2.65E-01	0.00E+00	0.00E+00	3.75E+00	3.59E-06	3.49E-04	2.16E-03	0.00E+00	6.35E-03	2.87E-08	8.40E-10	3.95E-02	6.94E-04	2.25E-02	1.27E-03	4.61E-04	1.09E-01	2.48E-04	0.00E+00	3.35E-09	4.35E-09	5.04E-04	1.29E-05	3.32E-01	0.00E+00	2.48E-04	6.12E-09	2.48E-04	2.81E-04	3.32E-01	0.00E+00	0.00E+00	0.00E+00	1.98E-02
GD213D	1.86E-04	6.09E-02	1.81E-02	4.27E-02	0.00E+00	0.00E+00	1.10E+00	8.72E-07	9.75E-05	5.63E-04	0.00E+00	1.83E-03	8.61E-09	2.35E-10	5.86E-03	2.08E-04	2.14E-03	8.26E-04	6.50E-05	1.43E-02	6.19E-01	0.00E+00	9.17E-10	1.05E-09	1.33E-04	2.64E-06	7.96E-02	0.00E+00	6.19E-01	1.31E-09	6.19E-01	6.99E-01	7.96E-02	0.00E			

GP213T	1.12E-04	3.90E-02	1.11E-02	2.79E-02	0.00E+00	0.00E+00	8.75E-01	5.46E-07	6.02E-05	3.50E-04	0.00E+00	1.13E-03	5.29E-09	1.45E-10	3.87E-03	1.28E-04	1.74E-03	4.32E-05	9.83E-03	3.86E-01	0.00E+00	5.67E-10	6.58E-10	8.27E-05	1.88E-06	4.98E-02	0.00E+00	3.86E-01	8.31E-10	3.86E-01	4.36E-01	4.86E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-03	
GP218P	5.01E-04	2.27E-01	4.12E-02	1.85E-01	0.00E+00	0.00E+00	2.57E+00	2.48E-08	2.37E-04	1.48E-03	0.00E+00	4.35E-03	1.96E-08	5.76E-10	2.77E-02	4.74E-04	1.66E-02	2.16E-03	3.24E-04	7.67E-02	1.71E+00	0.00E+00	2.30E-09	3.00E-09	3.46E-04	9.00E-06	2.29E-01	0.00E+00	1.71E+00	4.24E-09	1.71E+00	1.94E+00	2.29E-01	0.00E+00	0.00E+00	0.00E+00	1.39E-02
GP218T	3.35E-04	1.42E-01	2.87E-02	1.15E-01	0.00E+00	0.00E+00	1.66E+00	1.57E-04	1.52E-04	9.48E-04	0.00E+00	2.80E-03	1.27E-08	3.70E-10	1.71E-02	3.08E-04	1.02E-02	1.17E-03	2.00E-04	4.71E-02	1.00E+00	0.00E+00	1.47E-09	1.91E-09	2.21E-04	5.65E-06	1.40E-01	0.00E+00	1.00E+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
GP313P	1.02E-03	4.56E-01	8.54E-02	3.71E-01	0.00E+00	0.00E+00	5.30E+00	5.05E-04	4.89E-04	3.04E-03	0.00E+00	8.97E-03	4.03E-08	1.19E-09	5.52E-02	9.81E-04	3.09E-02	7.54E-04	6.44E-04	1.52E-01	3.50E+00	0.00E+00	4.72E-09	6.12E-09	7.10E-04	1.82E-05	4.67E-01	0.00E+00	3.50E+00	8.59E-09	3.50E+00	3.96E+00	4.67E-01	0.00E+00	0.00E+00	0.00E+00	2.76E-02
GP313T	9.60E-05	2.51E-02	9.74E-03	1.53E-02	0.00E+00	0.00E+00	5.83E-01	4.28E-07	5.11E-05	2.85E-04	0.00E+00	8.66E-04	4.83E-09	1.23E-10	1.90E-03	1.12E-05	5.72E-04	1.74E-03	1.98E-05	3.89E-03	3.07E-01	0.00E+00	4.75E-10	5.13E-10	8.80E-05	1.16E-06	3.88E-02	0.00E+00	3.07E-01	5.98E-10	3.07E-01	3.44E-01	3.86E-02	0.00E+00	0.00E+00	0.00E+00	8.43E-04
GP318T	3.67E-05	3.48E-04	2.06E-03	2.31E-03	0.00E+00	0.00E+00	1.54E-01	8.01E-08	1.29E-05	6.32E-05	0.00E+00	2.50E-04	1.27E-09	3.05E-11	5.38E-04	3.09E-05	1.44E-04	1.34E-04	7.65E-06	2.19E-03	6.16E-02	0.00E+00	1.14E-10	9.59E-11	1.54E-05	9.57E-08	7.04E-03	0.00E+00	6.16E-02	7.13E-11	6.16E-02	6.87E-02	7.04E-03	0.00E+00	0.00E+00	0.00E+00	3.28E-04
GP413P	1.22E-03	5.42E-01	1.11E-01	4.40E-01	0.00E+00	0.00E+00	8.30E+00	6.90E-05	5.80E-04	3.61E-03	0.00E+00	1.07E-02	4.32E-08	1.41E-09	6.59E-02	1.19E-03	3.69E-02	9.47E-04	1.61E-01	4.15E+00	0.00E+00	5.61E-09	7.77E-09	8.43E-04	2.16E-05	5.54E-01	0.00E+00	4.15E+00	1.02E-09	4.15E+00	4.71E+00	5.54E-01	0.00E+00	0.00E+00	0.00E+00	3.29E-02	
GP418P	7.98E-04	3.71E-01	6.95E-02	2.95E-01	0.00E+00	0.00E+00	4.06E+00	3.00E-08	3.77E-04	2.36E-03	0.00E+00	8.92E-03	4.12E-08	9.17E-10	4.41E-02	7.54E-04	3.82E-03	3.56E-03	5.15E-04	1.22E-01	2.27E+00	0.00E+00	3.89E-09	4.37E-10	5.02E-05	1.48E-06	3.64E-01	0.00E+00	2.27E+00	6.95E-09	2.72E+00	3.09E+00	4.64E-01	0.00E+00	0.00E+00	0.00E+00	2.21E-02
GP418PM	9.18E-05	2.97E-02	9.91E-03	1.80E-02	0.00E+00	0.00E+00	5.95E-01	4.47E-07	5.24E-05	2.96E-04	0.00E+00	8.88E-04	4.71E-09	1.26E-10	2.33E-03	1.14E-04	2.24E-03	2.48E-05	5.15E-03	3.20E-01	0.00E+00	4.69E-10	5.39E-10	7.03E-05	1.26E-06	4.06E-02	0.00E+00	3.20E-01	6.43E-10	3.20E-01	3.61E-01	4.06E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-03	
GP418T	3.48E-04	1.40E-01	2.76E-02	1.12E-01	0.00E+00	0.00E+00	1.71E+00	1.59E-04	1.56E-04	9.65E-04	0.00E+00	2.88E-03	1.31E-08	3.80E-10	1.68E-02	3.17E-04	9.97E-03	4.34E-04	1.93E-04	4.54E-02	1.10E+00	0.00E+00	1.51E-09	1.93E-09	2.29E-04	5.62E-06	1.47E-01	0.00E+00	1.10E+00	2.67E-09	1.10E+00	1.25E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	8.29E-03
GR013CN	7.67E-06	1.13E-02	8.73E-04	1.04E-02	0.00E+00	0.00E+00	5.96E-02	8.87E-08	6.12E-04	4.61E-05	0.00E+00	1.06E-04	4.14E-10	1.52E-11	1.64E-03	1.00E-05	1.64E-03	2.13E-03	1.98E-05	4.86E-03	5.84E-02	0.00E+00	6.39E-11	1.08E-10	1.05E-05	4.16E-07	8.36E-03	0.00E+00	5.84E-02	1.82E-10	5.84E-02	6.87E-02	8.36E-03	0.00E+00	0.00E+00	0.00E+00	8.49E-04
GR118AN	1.98E-05	4.11E-04	9.88E-04	1.40E-03	0.00E+00	0.00E+00	5.67E-02	2.67E-08	4.68E-06	2.22E-05	0.00E+00	9.17E-05	4.93E-10	1.11E-11	2.88E-04	1.14E-05	7.90E-04	2.27E-03	3.89E-06	1.08E-03	2.16E-02	0.00E+00	4.12E-11	3.16E-11	5.47E-06	1.72E-08	2.92E-03	0.00E+00	2.16E-02	1.88E-11	2.16E-02	2.33E-02	2.92E-03	0.00E+00	0.00E+00	0.00E+00	1.67E-04
GR218AN	2.33E-04	1.17E-01	1.97E-02	9.73E-02	0.00E+00	0.00E+00	1.23E+00	1.23E-06	1.14E-04	7.27E-04	0.00E+00	2.09E-03	4.36E-09	2.79E-10	1.47E-02	2.28E-04	8.67E-03	3.02E-03	1.72E-04	4.10E-02	8.46E-01	0.00E+00	1.12E-09	1.14E-09	1.69E-04	4.99E-06	1.14E-01	0.00E+00	4.10E+00	2.15E-09	8.46E-01	9.00E-01	1.14E-01	0.00E+00	0.00E+00	0.00E+00	7.39E-03
GR318AN	2.99E-01	1.12E-02	1.13E-02	3.89E-03	0.00E+00	0.00E+00	7.70E-01	9.68E-05	7.55E-04	5.29E-05	0.00E+00	1.34E-04	5.59E-10	1.84E-11	1.55E-03	1.35E-05	6.10E-03	2.36E-03	1.96E-05	4.53E-02	6.48E-02	0.00E+00	7.65E-11	1.19E-10	3.12E-05	4.16E-07	9.07E-03	0.00E+00	6.48E-02	3.87E-10	6.48E-02	7.39E-02	9.07E-03	0.00E+00	0.00E+00	0.00E+00	7.98E-04
GR413AN	5.83E-05	3.85E-02	5.52E-03	3.21E-02	0.00E+00	0.00E+00	3.50E+00	3.77E-07	3.31E-05	2.17E-04	0.00E+00	9.96E-04	2.62E-09	8.09E-11	5.03E-03	6.33E-04	3.47E-03	2.73E-03	5.99E-05	1.43E-02	2.57E-01	0.00E+00	3.28E-10	4.37E-10	5.02E-05	1.48E-06	3.50E-02	0.00E+00	2.57E-01	6.83E-10	2.57E-01	2.92E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.96E-03
GR418AN	5.37E-05	3.59E-02	5.39E-03	3.55E-02	0.00E+00	0.00E+00	3.41E-01	3.59E-07	3.20E-05	2.08E-04	0.00E+00	5.82E-04	2.58E-09	7.82E-11	4.64E-03	6.19E-05	2.93E-03	2.54E-03	5.48E-05	1.31E-02	2.45E-01	0.00E+00	3.15E-10	4.35E-10	4.83E-05	1.39E-06	3.33E-02	0.00E+00	2.45E-01	6.43E-10	2.45E-01	2.78E-01	3.33E-02	0.00E+00	0.00E+00	0.00E+00	2.35E-03
GR714AN	6.06E-05	3.97E-02	5.99E-03	3.37E-02	0.00E+00	0.00E+00	3.78E-01	3.97E-07	3.55E-05	2.30E-04	0.00E+00	6.45E-04	2.94E-09	8.07E-11	5.13E-03	6.67E-05	2.94E-03	1.93E-03	6.09E-05	1.45E-02	2.71E-01	0.00E+00	3.49E-10	4.82E-10	5.35E-05	1.54E-06	3.69E-02	0.00E+00	2.71E-01	7.12E-10	2.71E-01	3.39E-01	3.69E-02	0.00E+00	0.00E+00	0.00E+00	2.60E-03
GR72AN	9.00E-05	7.35E-02	5.52E-03	6.83E-02	0.00E+00	0.00E+00	3.61E-01	5.64E-07	3.76E-05	2.89E-04	0.00E+00	4.45E-04	2.48E-09	9.39E-11	1.08E-02	5.98E-05	1.57E-02	1.48E-02	1.30E-04	3.21E-02	3.76E-01	0.00E+00	3.96E-10	6.88E-10	6.55E-05	2.68E-06	5.92E-02	0.00E+00	3.76E-01	1.17E-09	3.76E-01	4.23E-01	5.92E-02	0.00E+00	0.00E+00	0.00E+00	5.60E-03
GS118D	7.76E-05	3.04E-02	4.31E-03	5.62E-02	0.00E+00	0.00E+00	2.88E-01	2.94E-07	2.54E-05	1.88E-04	0.00E+00	4.59E-04	2.06E-09	6.22E-11	4.01E-03	4.84E-05	3.31E-03	9.02E-04	4.75E-05	1.15E-02	2.06E-01	0.00E+00	2.52E-10	3.58E-10	3.99E-05	1.17E-06	2.73E-02	0.00E+00	2.06E-01	5.36E-10	2.06E-01	2.27E-01	2.73E-02	0.00E+00	0.00E+00	0.00E+00	2.04E-03
GS213D	2.29E-05	1.04E-02	5.90E-04	1.09E-02	0.00E+00	0.00E+00	2.09E-02	4.32E-08	6.74E-07	1.17E-05	0.00E+00	2.54E-05	2.42E-10	9.09E-13	1.91E-03	5.89E-06	2.42E-03	1.97E-03	2.23E-05	5.64E-03	2.40E-02	0.00E+00	2.94E-12	5.37E-11	2.11E-06	3.37E-07	4.33E-03	0.00E+00	2.40E-02	1.35E-10	2.40E-02	2.53E-02	4.33E-03	0.00E+00	0.00E+00	0.00E+00	9.59E-04
GS218D	1.92E-04	7.81E-02	1.33E-02	5.52E-02	0.00E+00	0.00E+00	4.83E-04	0.00E+00	1.86E-04	4.83E-04	0.00E+00	1.36E-04	3.41E-09	1.84E-10	9.83E-04	1.94E-04	6.10E-03	1.37E-04	1.19E-05	2.75E-02	5.61E-01	0.00E+00	7.88E-10	1.91E-10	1.12E-04	3.06E-06	7.57E-03	0.00E+00	5.61E-01	1.43E-09	5.61E-01	6.37E-01	7.57E-02	0.00E+00	0.00E+00	0.00E+00	4.96E-03
GS318D	1.25E-04	4.85E-02	7.19E-03	1.41E-02	0.00E+00	0.00E+00	4.55E-01	4.82E-07	4.28E-05	2.79E-04	0.00E+00	7.77E-04	3.06E-10	1.05E-10	6.30E-03	8.26E-05	3.63E-03	1.94E-03	7.44E-05	1.79E-02	3.29E-01	0.00E+00	4.21E-10	5.89E-10	4.47E-05	1.48E-06	4.48E-02	0.00E+00	3.29E-01	8.47E-10	3.29E-01	3.74E-01	4.48E-02	0.00E+00	0.00E+00	0.00E+00	3.20E-03
GS418D	1.29E-04	4.67E-02	7.07E-03	1.39E-02	0.00E+00	0.00E+00	4.47E-01	4.68E-07	4.20E-05	2.72E-04	0.00E+00	7.62E-04	3.36E-09	1.02E-10	6.02E-03	8.12E-05	2.94E-03	2.23E-03	7.71E-05	1.70E-02	3.20E-01	0.00E+00	4.12E-10	5.68E-10	6.31E-05	1.81E-06	4.35E-02	0.00E+00	3.20E-01	8.38E-10	3.20E-01	3.84E-01	4.35E-02	0.00E+00	0.00E+00	0.00E+00	3.05E-03
GZ07E	4.66E-01	6.19E-03	5.19E-04	5.67E-03	0.00E+00	0.00E+00	3.50E-02	4.98E-08	3.55E-04	2.62E-05	0.00E+00	6.18E-05	2.44E-10	8.81E-12	8.92E-04	5.95E-04	9.81E-04	1.50E-03	1.07E-05	2.63E-03	3.29E-02	0.00E+00	3.68E-11	6.97E-11	5.97E-06	2.26E-07	4.69E-03	0.00E+00	3.29E-02	1.01E-10	3.29E-02	3.76E-02	4.69E-03	0.00E+00	0.00E+00	0.00E+00	4.61E-04
GZ08A	3.81E-05	1.96E-03	1.21E-03	3.17E-03	0.00E+00	0.00E+00	6.85E-02	2.48E-08	5.50E-06	2.40E-05	0.00E+00	1.09E-04	5.79E-10	1.29E-11	5.00E-04	1.39E-04	6.76E-04	1.51E-03	7.88E-06	2.05E-03	2.08E-02	0.00E+00	4.71E-11	2.90E-11	6.01E-06	2.85E-08	2.06E-03	0.00E+00	2.08E-02	2.47E-12	2.08E-02	2.29E-02	2.06E-03	0.00E+00	0.00E+00	0.00E+00	3.30E-

VA36APZ	691E-05	3.57E-02	5.94E-03	3.06E-02	0.00E+00	0.00E+00	1.29E-01	3.47E-07	3.03E-05	1.99E-04	0.00E+00	5.48E-04	2.36E-09	7.42E-11	1.48E-03	5.79E-05	4.03E-03	2.48E-03	5.54E-05	1.33E-02	2.36E-01	0.00E+00	2.99E-10	4.32E-10	4.62E-05	1.37E-06	3.23E-02	0.00E+00	2.36E-01	6.31E-10	2.36E-01	2.89E-01	3.23E-02	0.00E+00	0.00E+00	0.00E+00	2.36E-03	
VA36CN	2.09E-04	9.25E-02	1.74E-02	7.51E-02	0.00E+00	0.00E+00	1.08E+00	1.03E-04	9.95E-05	6.19E-04	0.00E+00	1.83E-03	8.27E-09	2.42E-10	1.12E-02	2.00E-04	6.18E-03	9.84E-06	1.30E-04	3.08E-02	7.12E-01	0.00E+00	9.62E-10	1.35E-09	1.45E-04	3.69E-06	9.90E-02	0.00E+00	7.12E-01	1.75E-09	7.12E-01	8.07E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	5.60E-03	
VA36K	2.60E-05	5.26E-04	2.23E-03	1.71E-03	0.00E+00	0.00E+00	1.29E-01	6.85E-04	1.08E-05	5.36E-05	0.00E+00	2.10E-04	1.06E-09	2.57E-11	4.14E-04	2.57E-05	1.77E-03	8.06E-05	6.91E-04	1.71E-03	5.25E-02	0.00E+00	9.65E-11	8.18E-11	1.31E-05	8.83E-08	6.03E-03	0.00E+00	5.25E-02	6.32E-11	5.25E-02	6.84E-02	6.03E-03	0.00E+00	0.00E+00	0.00E+00	2.54E-04	
VA36NW	8.55E-04	3.79E-01	7.14E-02	3.06E-01	0.00E+00	0.00E+00	4.43E+00	4.22E-04	4.09E-04	2.54E-03	0.00E+00	7.60E-03	3.39E-08	9.91E-10	4.59E-02	8.20E-04	2.53E-02	1.97E-05	5.34E-04	1.28E-01	2.32E+00	0.00E+00	3.34E-09	5.11E-04	9.93E-04	1.51E-05	3.89E-01	0.00E+00	2.32E+00	7.16E-09	2.32E+00	3.31E+00	3.89E-01	0.00E+00	0.00E+00	0.00E+00	2.39E-02	
VA36NWB	7.88E-04	3.52E-01	6.54E-02	2.86E-01	0.00E+00	0.00E+00	4.07E+00	3.89E-04	3.75E-04	2.33E-03	0.00E+00	8.86E-03	3.11E-08	9.10E-10	4.26E-02	7.52E-04	2.42E-02	1.14E-03	4.98E-04	1.18E-01	2.69E+00	0.00E+00	3.62E-09	4.71E-04	9.45E-04	1.49E-05	3.99E-01	0.00E+00	2.69E+00	6.62E-09	2.69E+00	3.05E+00	3.99E-01	0.00E+00	0.00E+00	0.00E+00	2.14E-02	
VA36NWP	2.64E-04	1.07E-01	2.38E-02	8.27E-02	0.00E+00	0.00E+00	1.46E+00	1.29E-04	1.33E-04	8.00E-04	0.00E+00	2.45E-03	1.13E-08	3.21E-10	1.20E-02	2.73E-04	6.68E-03	1.13E-03	1.39E-04	3.21E-02	9.04E-01	0.00E+00	1.27E-09	1.95E-09	1.88E-04	4.37E-04	1.19E-01	0.00E+00	9.04E-01	2.10E-09	9.04E-01	1.02E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	5.94E-03	
VA36RM	1.59E-04	8.23E-02	1.27E-02	7.04E-02	0.00E+00	0.00E+00	7.58E-01	6.11E-07	7.16E-05	4.68E-04	0.00E+00	1.30E-03	5.69E-09	1.75E-10	1.07E-02	1.37E-04	7.12E-03	1.19E-03	1.07E-04	3.05E-02	5.53E-01	0.00E+00	7.05E-10	3.89E-09	1.09E-04	3.17E-04	7.54E-02	0.00E+00	5.53E-01	6.37E-01	5.53E-01	6.39E-01	7.54E-02	0.00E+00	0.00E+00	0.00E+00	5.45E-03	
VA36V	2.15E-06	1.26E-02	2.30E-03	1.76E-03	0.00E+00	0.00E+00	3.58E+00	3.99E-04	1.10E-05	5.46E-05	0.00E+00	2.46E-04	2.18E-09	5.81E-11	4.25E-04	2.61E-05	1.85E-04	1.06E-04	6.76E-04	1.58E-03	6.00E+00	0.00E+00	3.25E-09	8.31E-11	1.33E-05	8.90E-08	6.13E-03	0.00E+00	6.00E+00	5.34E-01	6.13E-03	5.47E-02	5.96E-02	6.13E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
VA36W	5.13E-05	1.50E-02	4.58E-03	8.06E-03	0.00E+00	0.00E+00	2.75E-01	2.05E-01	2.42E-05	1.36E-04	0.00E+00	5.46E-04	2.18E-09	5.81E-11	1.04E-03	5.27E-04	1.26E-03	2.01E-04	1.10E-05	2.28E-03	1.47E-01	0.00E+00	9.25E-10	2.47E-10	3.24E-05	5.74E-07	1.86E-02	0.00E+00	1.47E-01	2.94E-10	1.47E-01	1.64E-01	1.86E-02	0.00E+00	0.00E+00	0.00E+00	4.70E-04	
VA36WVH	4.32E-08	3.61E-04	4.37E-03	4.73E-03	0.00E+00	0.00E+00	2.52E-01	1.38E-07	2.09E-05	1.02E-04	0.00E+00	4.08E-04	2.07E-09	4.96E-11	1.03E-03	6.02E-05	2.74E-03	6.17E-04	1.43E-05	4.54E-03	9.79E-02	0.00E+00	1.85E-10	1.50E-10	2.49E-05	1.25E-07	1.10E-02	0.00E+00	9.79E-02	1.04E-10	9.79E-02	1.06E-01	1.10E-02	0.00E+00	0.00E+00	0.00E+00	6.15E-04	
VA48K	4.10E-05	3.29E-04	2.71E-03	3.38E-03	0.00E+00	0.00E+00	1.57E-01	8.13E-08	1.31E-05	6.43E-05	0.00E+00	2.54E-04	1.29E-09	3.10E-11	5.22E-04	3.11E-05	2.82E-03	4.69E-04	7.77E-06	2.23E-03	6.26E-02	0.00E+00	1.16E-10	9.71E-11	1.57E-05	9.65E-08	7.14E-03	0.00E+00	6.26E-02	7.22E-11	6.26E-02	6.97E-02	7.14E-03	0.00E+00	0.00E+00	0.00E+00	3.34E-04	
VA48NWB	9.18E-04	4.14E-01	7.26E-02	3.41E-01	0.00E+00	0.00E+00	4.53E+00	4.44E-04	4.20E-04	2.64E-03	0.00E+00	7.68E-03	3.45E-08	1.02E-09	5.11E-02	8.34E-04	2.90E-02	2.67E-03	5.99E-04	1.42E-01	3.06E+00	0.00E+00	4.07E-09	5.36E-09	8.16E-04	1.63E-05	4.11E-01	0.00E+00	3.06E+00	7.67E-09	3.06E+00	3.47E+00	4.11E-01	0.00E+00	0.00E+00	0.00E+00	2.57E-02	
VA48V	6.90E-04	2.88E-01	5.43E-02	2.34E-01	0.00E+00	0.00E+00	3.37E+00	3.20E-04	3.10E-04	1.93E-03	0.00E+00	5.70E-03	2.58E-08	7.53E-10	3.48E-02	6.24E-04	1.92E-02	1.00E+00	4.00E-04	9.99E-02	3.00E-09	0.00E+00	3.00E-09	3.89E-09	4.51E-04	1.15E-05	2.92E-01	0.00E+00	3.00E+00	5.44E-09	2.22E+00	2.51E+00	2.96E-01	0.00E+00	0.00E+00	0.00E+00	1.74E-02	
VA48W	3.81E-05	2.45E-04	2.91E-03	3.66E-03	0.00E+00	0.00E+00	1.68E-01	8.67E-08	1.40E-05	6.86E-05	0.00E+00	2.73E-04	1.30E-09	3.12E-10	6.10E-04	3.34E-05	2.57E-03	4.84E-04	8.57E-04	1.07E-03	2.45E-02	0.00E+00	1.25E-10	1.04E-10	1.66E-05	1.00E-07	7.62E-03	0.00E+00	6.69E-02	7.62E-03	7.45E-02	7.62E-03	0.00E+00	0.00E+00	0.00E+00	3.69E-04		
VB118B	7.27E-04	3.48E-01	5.70E-02	2.91E-01	0.00E+00	0.00E+00	3.58E+00	3.62E-04	3.33E-04	2.13E-03	0.00E+00	6.80E-03	2.71E-08	8.12E-10	4.40E-02	6.54E-04	3.17E-02	1.27E-02	5.17E-04	1.23E-01	2.48E+00	0.00E+00	3.25E-09	4.39E-09	9.54E-04	1.96E-05	3.35E-01	0.00E+00	2.48E+00	6.36E-09	2.48E+00	2.02E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	2.22E-02	
VB118C	7.02E-04	3.23E-01	5.70E-02	2.66E-01	0.00E+00	0.00E+00	3.55E+00	3.48E-04	3.29E-04	2.07E-03	0.00E+00	6.03E-03	2.71E-08	8.00E-10	3.99E-02	6.14E-04	2.54E-02	5.79E-03	4.87E-04	1.11E-01	2.40E+00	0.00E+00	3.19E-09	4.22E-09	4.83E-04	1.28E-05	3.22E-01	0.00E+00	2.40E+00	6.00E-09	2.40E+00	2.72E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02	
VB118L	6.36E-04	3.07E-01	5.59E-02	2.57E-01	0.00E+00	0.00E+00	3.17E+00	3.20E-04	2.96E-04	1.88E-03	0.00E+00	5.39E-03	2.40E-08	7.20E-10	3.87E-02	5.81E-04	2.57E-02	4.91E-03	4.55E-04	1.06E-01	2.20E+00	0.00E+00	2.88E-09	3.89E-09	4.39E-04	1.20E-05	2.97E-01	0.00E+00	2.20E+00	6.42E-09	2.20E+00	2.50E+00	2.97E-01	0.00E+00	0.00E+00	0.00E+00	1.96E-02	
VB118P	7.02E-04	3.23E-01	5.70E-02	2.66E-01	0.00E+00	0.00E+00	3.55E+00	3.48E-04	3.29E-04	2.07E-03	0.00E+00	6.03E-03	2.71E-08	8.00E-10	3.99E-02	6.54E-04	2.54E-02	5.79E-03	4.87E-04	1.11E-01	2.48E+00	0.00E+00	3.19E-09	4.22E-09	4.83E-04	1.28E-05	3.22E-01	0.00E+00	2.48E+00	6.00E-09	2.48E+00	2.72E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02	
VB118PB	6.94E-04	3.19E-01	5.63E-02	2.63E-01	0.00E+00	0.00E+00	3.51E+00	3.44E-04	3.25E-04	2.05E-03	0.00E+00	5.95E-03	2.67E-08	7.91E-10	3.94E-02	6.48E-04	2.51E-02	5.79E-03	4.82E-04	1.10E-01	2.37E+00	0.00E+00	3.16E-09	4.17E-09	4.77E-04	1.26E-05	3.18E-01	0.00E+00	2.37E+00	5.93E-09	2.37E+00	2.69E+00	3.18E-01	0.00E+00	0.00E+00	0.00E+00	1.98E-02	
VB118PP	7.02E-04	3.23E-01	5.70E-02	2.66E-01	0.00E+00	0.00E+00	3.55E+00	3.48E-04	3.29E-04	2.07E-03	0.00E+00	6.03E-03	2.71E-08	8.00E-10	3.99E-02	6.54E-04	2.54E-02	5.79E-03	4.87E-04	1.11E-01	2.40E+00	0.00E+00	3.19E-09	4.22E-09	4.83E-04	1.28E-05	3.22E-01	0.00E+00	2.40E+00	6.00E-09	2.40E+00	2.72E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02	
VB118R	6.25E-04	3.02E-01	4.96E-02	2.53E-01	0.00E+00	0.00E+00	3.13E+00	3.15E-04	2.91E-04	1.85E-03	0.00E+00	5.13E-03	2.50E-08	7.00E-10	3.81E-02	5.72E-04	3.02E-02	4.82E-03	4.48E-04	1.07E-01	2.16E+00	0.00E+00	2.84E-09	3.82E-09	4.32E-04	1.18E-05	2.92E-01	0.00E+00	2.16E+00	5.32E-09	2.16E+00	2.48E+00	2.92E-01	0.00E+00	0.00E+00	0.00E+00	1.92E-02	
VB118TB	8.95E-04	4.16E-01	7.36E-02	3.42E-01	0.00E+00	0.00E+00	4.99E+00	4.49E-04	4.25E-04	2.67E-03	0.00E+00	7.78E-03	3.50E-08	1.03E-09	5.13E-02	8.46E-04	3.16E-02	6.00E-03	6.00E-04	1.42E-01	3.09E+00	0.00E+00	4.13E-09	5.44E-09	6.23E-04	1.64E-05	4.15E-01	0.00E+00	3.09E+00	7.73E-09	3.09E+00	3.51E+00	4.15E-01	0.00E+00	0.00E+00	0.00E+00	2.58E-02	
VB218B	8.71E-04	4.14E-01	6.78E-02	3.47E-01	0.00E+00	0.00E+00	4.24E+00	4.30E-04	3.96E-04	2.53E-03	0.00E+00	7.22E-03	3.21E-08	9.64E-10	5.24E-02	7.77E-04	3.60E-02	3.25E-03	6.16E-04	1.47E-01	2.95E+00	0.00E+00	3.86E-09	5.21E-09	5.88E-04	1.62E-05	3.98E-01	0.00E+00	2.95E+00	7.56E-09	2.95E+00	3.35E+00	3.98E-01	0.00E+00	0.00E+00	0.00E+00	2.64E-02	
VB218C	9.77E-04	4.47E-01	7.87E-02	3.67E-01	0.00E+00	0.00E+00	4.97E+00	4.84E-04	4.60E-04	2.89E-03	0.00E+00	8.42E-03	3.79E-08	1.12E-09	5.49E-02	9.16E-04	3.41E-02	6.49E-03	6.43E-04	1.52E-01	3.34E+00	0.00E+00	4.46E-09	5.89E-09	6.73E-04	1.77E-05	4.47E-01	0.00E+00	3.34E+00	8.32E-09	3.34E+00	3.78E+00	4.47E-01	0.00E+00	0.00E+00	0.00E+00	2.76E-02	
VB218L	8.34E-04	3.99E-01	6.81E-02	3.35E-01	0.00E+00	0.00E+00	4.15E+00	4.17E-04	3.86E-04	2.46E-03	0.00E+00	7.05E-03	3.14E-08	9.41E-10	5.03E-02	7.60E-04	3.30E-02	5.96E-03	5.91E-04	1.41E-01	2.87E+00	0.00E+00	3.77E-09	5.09E-09	5.73E-04	1.56E-05	3.87E-01	0.00E+00	2.87E+00	7.31E-09	2.87E+00	3.25E+00	3.87E-01	0.00E+00				

VD108TP	2.20E-04	9.34E-02	1.85E-02	7.69E-02	0.00E+00	0.00E+00	1.03E-04	1.01E-06	8.51E-05	5.98E-04	0.00E+00	1.74E-03	7.82E-09	2.31E-10	1.15E-02	1.99E-04	3.72E-03	1.65E-03	1.35E-04	3.20E-02	6.93E-01	0.00E+00	9.23E-10	1.32E-09	1.40E-04	3.69E-06	9.30E-02	0.00E+00	6.93E-01	1.73E-09	6.93E-01	7.89E-01	9.30E-02	0.00E+00	0.00E+00	0.00E+00	5.79E-03
VD110NE	2.48E-04	1.06E-01	1.84E-02	8.80E-02	0.00E+00	0.00E+00	1.15E-04	1.14E-06	1.07E-04	6.75E-04	0.00E+00	1.96E-03	8.76E-09	2.60E-10	1.32E-02	2.12E-04	8.67E-03	2.37E-03	1.55E-04	3.68E-02	7.83E-01	0.00E+00	1.04E-09	1.39E-09	1.57E-04	4.20E-06	1.05E-01	0.00E+00	7.83E-01	1.97E-09	7.83E-01	8.89E-01	1.05E-01	0.00E+00	0.00E+00	0.00E+00	6.65E-03
VD110NP	2.95E-05	1.15E-02	2.54E-03	8.92E-03	0.00E+00	0.00E+00	1.56E-01	1.39E-07	1.42E-05	8.56E-05	0.00E+00	2.62E-04	1.21E-09	3.43E-11	1.30E-03	2.92E-05	1.75E-03	1.35E-03	1.49E-05	3.47E-03	9.88E-02	0.00E+00	1.35E-10	1.68E-10	2.01E-05	4.69E-07	1.27E-02	0.00E+00	9.88E-02	2.26E-10	9.88E-02	1.10E-01	1.27E-02	0.00E+00	0.00E+00	0.00E+00	6.42E-04
VD110PD	1.72E-04	7.92E-02	1.45E-02	3.47E-02	0.00E+00	0.00E+00	9.04E-01	8.69E-07	8.34E-05	5.21E-04	0.00E+00	1.53E-03	6.92E-09	2.03E-10	9.65E-03	1.67E-04	8.37E-03	1.87E-03	1.13E-04	2.67E-02	6.01E-01	0.00E+00	8.07E-10	1.05E-09	1.22E-04	3.15E-06	8.03E-02	0.00E+00	6.01E-01	1.49E-09	6.01E-01	6.81E-01	8.03E-02	0.00E+00	0.00E+00	0.00E+00	4.84E-03
VD110PP	2.06E-04	9.29E-02	1.87E-02	7.62E-02	0.00E+00	0.00E+00	1.04E-04	1.07E-06	9.61E-05	6.02E-04	0.00E+00	1.76E-03	7.92E-09	2.34E-10	1.14E-02	1.92E-04	7.50E-03	1.94E-03	1.33E-04	3.16E-02	6.96E-01	0.00E+00	9.31E-10	1.32E-09	1.41E-04	3.68E-06	9.32E-02	0.00E+00	6.96E-01	1.73E-09	6.96E-01	7.89E-01	9.32E-02	0.00E+00	0.00E+00	0.00E+00	5.73E-03
VD110PT	2.30E-04	1.05E-01	1.87E-02	8.65E-02	0.00E+00	0.00E+00	1.17E-04	1.14E-06	1.08E-04	6.78E-04	0.00E+00	1.99E-03	8.89E-09	2.62E-10	1.30E-02	2.15E-04	8.11E-03	1.65E-03	1.52E-04	3.60E-02	7.84E-01	0.00E+00	1.05E-09	1.39E-09	1.58E-04	4.16E-06	1.05E-01	0.00E+00	7.84E-01	1.96E-09	7.84E-01	8.89E-01	1.05E-01	0.00E+00	0.00E+00	0.00E+00	6.51E-03
VD110TD	3.51E-05	1.33E-02	3.01E-03	1.03E-02	0.00E+00	0.00E+00	1.65E-01	1.62E-07	1.67E-05	1.01E-04	0.00E+00	3.10E-04	1.42E-09	4.55E-11	1.49E-03	3.49E-05	1.73E-03	1.44E-03	1.72E-05	3.97E-03	1.14E-01	0.00E+00	1.60E-10	1.97E-10	2.37E-05	5.46E-07	1.93E-02	0.00E+00	1.14E-01	2.64E-10	1.14E-01	1.29E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	7.96E-04
VD110TF	2.30E-04	1.04E-01	1.84E-02	8.39E-02	0.00E+00	0.00E+00	1.15E-04	1.12E-06	1.04E-04	6.64E-04	0.00E+00	1.94E-03	8.76E-09	2.58E-10	1.25E-02	2.12E-04	8.02E-03	1.66E-03	1.50E-04	3.58E-02	7.74E-01	0.00E+00	1.03E-09	1.39E-09	1.55E-04	4.04E-06	1.03E-01	0.00E+00	7.87E-01	1.93E-09	7.74E-01	8.89E-01	1.03E-01	0.00E+00	0.00E+00	0.00E+00	6.25E-03
VD110TP	2.45E-04	1.02E-01	1.84E-02	8.54E-02	0.00E+00	0.00E+00	1.15E-04	1.12E-06	1.06E-04	6.69E-04	0.00E+00	1.95E-03	8.76E-09	2.59E-10	1.28E-02	2.12E-04	8.02E-03	1.66E-03	1.50E-04	3.58E-02	7.74E-01	0.00E+00	1.03E-09	1.39E-09	1.58E-04	4.11E-06	1.04E-01	0.00E+00	7.74E-01	1.93E-09	7.74E-01	8.78E-01	1.04E-01	0.00E+00	0.00E+00	0.00E+00	6.43E-03
VD110TT	2.49E-04	1.05E-01	1.97E-02	8.65E-02	0.00E+00	0.00E+00	1.17E-04	1.14E-06	1.08E-04	6.78E-04	0.00E+00	1.98E-03	8.89E-09	2.62E-10	1.30E-02	2.15E-04	8.11E-03	1.65E-03	1.52E-04	3.60E-02	7.84E-01	0.00E+00	1.05E-09	1.39E-09	1.58E-04	4.16E-06	1.05E-01	0.00E+00	7.84E-01	1.96E-09	7.84E-01	8.89E-01	1.05E-01	0.00E+00	0.00E+00	0.00E+00	6.51E-03
VD112NE	3.53E-04	1.49E-01	2.65E-02	1.23E-01	0.00E+00	0.00E+00	1.65E-04	1.61E-06	1.53E-04	9.92E-04	0.00E+00	2.80E-03	1.26E-09	3.72E-10	1.84E-02	3.05E-04	1.15E-02	2.37E-03	2.15E-04	5.11E-02	1.11E-01	0.00E+00	1.49E-09	1.94E-09	2.24E-04	5.91E-06	1.49E-01	0.00E+00	1.11E-01	2.78E-09	1.11E-01	1.26E-01	1.49E-01	0.00E+00	0.00E+00	0.00E+00	9.25E-03
VD112NP	1.73E-04	6.80E-02	1.41E-02	3.49E-02	0.00E+00	0.00E+00	8.68E-01	7.98E-07	7.94E-05	4.87E-04	0.00E+00	1.46E-03	6.68E-09	1.92E-10	8.09E-03	1.62E-04	8.42E-03	1.81E-03	9.37E-05	2.20E-02	5.55E-01	0.00E+00	7.63E-10	9.66E-10	1.14E-04	2.78E-06	7.93E-02	0.00E+00	5.55E-01	1.33E-09	5.55E-01	6.26E-01	7.93E-02	0.00E+00	0.00E+00	0.00E+00	4.02E-03
VD112PD	2.01E-04	8.26E-02	1.63E-02	6.62E-02	0.00E+00	0.00E+00	1.01E-04	9.40E-07	9.26E-05	5.70E-04	0.00E+00	1.70E-03	7.75E-09	2.25E-10	9.80E-03	1.88E-04	6.45E-03	1.92E-03	1.14E-04	2.68E-02	6.53E-01	0.00E+00	8.92E-10	1.14E-09	1.34E-04	3.32E-06	8.67E-02	0.00E+00	6.53E-01	1.59E-09	6.53E-01	7.40E-01	8.67E-02	0.00E+00	0.00E+00	0.00E+00	4.99E-03
VD112PP	3.01E-04	8.26E-02	1.63E-02	6.62E-02	0.00E+00	0.00E+00	1.01E-04	9.40E-07	9.26E-05	5.70E-04	0.00E+00	1.70E-03	7.75E-09	2.25E-10	9.82E-03	1.88E-04	6.45E-03	1.92E-03	1.14E-04	2.68E-02	6.53E-01	0.00E+00	8.92E-10	1.14E-09	1.34E-04	3.32E-06	8.67E-02	0.00E+00	6.53E-01	1.59E-09	6.53E-01	7.40E-01	8.67E-02	0.00E+00	0.00E+00	0.00E+00	4.99E-03
VD112TD	3.80E-04	1.50E-01	3.07E-02	1.34E-01	0.00E+00	0.00E+00	1.91E-04	1.89E-06	1.76E-04	1.10E-03	0.00E+00	3.22E-03	1.46E-09	4.27E-10	2.00E-02	3.33E-04	1.23E-02	2.48E-03	2.34E-04	5.52E-02	1.26E-01	0.00E+00	1.70E-09	2.21E-09	2.56E-04	6.57E-06	1.68E-01	0.00E+00	1.26E-01	3.11E-09	1.26E-01	1.43E-01	1.68E-01	0.00E+00	0.00E+00	0.00E+00	1.00E-02
VD112TF	1.23E-04	4.64E-02	1.01E-02	3.63E-02	0.00E+00	0.00E+00	6.22E-01	5.56E-07	5.66E-05	3.43E-04	0.00E+00	1.05E-03	4.81E-09	1.37E-10	5.30E-03	1.16E-04	3.83E-03	1.71E-03	6.11E-05	1.42E-02	3.88E-01	0.00E+00	5.41E-10	6.73E-10	8.05E-05	1.90E-06	5.12E-02	0.00E+00	3.88E-01	9.10E-09	3.88E-01	4.40E-01	5.12E-02	0.00E+00	0.00E+00	0.00E+00	2.62E-03
VD112TP	3.55E-04	1.51E-01	2.65E-02	1.25E-01	0.00E+00	0.00E+00	1.66E-04	1.62E-06	1.53E-04	9.66E-04	0.00E+00	2.81E-03	1.26E-09	3.73E-10	1.87E-02	3.05E-04	1.20E-02	2.84E-03	2.19E-04	5.19E-02	1.12E-01	0.00E+00	1.49E-09	1.97E-09	2.25E-04	5.98E-06	1.50E-01	0.00E+00	1.12E-01	2.80E-09	1.12E-01	1.27E-01	1.50E-01	0.00E+00	0.00E+00	0.00E+00	9.39E-03
VD118NE	4.52E-04	1.92E-01	3.39E-02	1.58E-01	0.00E+00	0.00E+00	2.11E-04	2.07E-06	1.95E-04	1.23E-03	0.00E+00	3.58E-03	1.61E-09	4.75E-10	2.34E-02	3.89E-04	1.46E-02	2.84E-03	2.74E-04	6.49E-02	1.42E-01	0.00E+00	1.90E-09	2.49E-09	2.87E-04	7.94E-06	1.91E-01	0.00E+00	1.42E-01	3.37E-09	1.42E-01	1.62E-01	1.91E-01	0.00E+00	0.00E+00	0.00E+00	1.19E-02
VD118NP	4.11E-04	1.76E-01	3.39E-02	1.43E-01	0.00E+00	0.00E+00	2.04E-04	1.95E-06	1.88E-04	1.17E-03	0.00E+00	3.45E-03	1.56E-09	4.57E-10	2.12E-02	3.78E-04	1.33E-02	2.73E-03	2.48E-04	6.88E-02	1.35E-01	0.00E+00	1.82E-09	2.39E-09	2.73E-04	6.96E-06	1.80E-01	0.00E+00	1.35E-01	3.31E-09	1.35E-01	1.53E-01	1.80E-01	0.00E+00	0.00E+00	0.00E+00	1.06E-02
VD118PD	4.89E-04	2.15E-01	3.99E-02	1.79E-01	0.00E+00	0.00E+00	2.42E-04	2.34E-06	2.23E-04	1.40E-03	0.00E+00	4.09E-03	1.84E-09	5.43E-10	2.63E-02	4.49E-04	1.63E-02	2.86E-03	3.09E-04	7.30E-02	1.62E-01	0.00E+00	2.16E-09	2.94E-09	3.29E-04	8.52E-06	1.90E-01	0.00E+00	1.62E-01	4.01E-09	1.62E-01	1.83E-01	2.16E-01	0.00E+00	0.00E+00	0.00E+00	1.32E-02
VD118PP	4.16E-04	1.90E-01	3.39E-02	1.56E-01	0.00E+00	0.00E+00	2.12E-04	2.06E-06	1.95E-04	1.23E-03	0.00E+00	3.58E-03	1.61E-09	4.75E-10	2.34E-02	3.89E-04	1.46E-02	2.84E-03	2.74E-04	6.49E-02	1.42E-01	0.00E+00	1.90E-09	2.49E-09	2.86E-04	7.93E-06	1.90E-01	0.00E+00	1.42E-01	3.54E-09	1.42E-01	1.61E-01	1.90E-01	0.00E+00	0.00E+00	0.00E+00	1.18E-02
VD118TD	4.24E-04	1.90E-01	3.39E-02	1.56E-01	0.00E+00	0.00E+00	2.10E-04	2.03E-06	1.94E-04	1.22E-03	0.00E+00	3.56E-03	1.61E-09	4.72E-10	2.28E-02	3.88E-04	1.43E-02	2.71E-03	2.87E-04	6.32E-02	1.40E-01	0.00E+00	1.88E-09	2.46E-09	2.84E-04	7.45E-06	1.88E-01	0.00E+00	1.40E-01	3.49E-09	1.40E-01	1.59E-01	1.88E-01	0.00E+00	0.00E+00	0.00E+00	1.15E-02
VD118TF	4.21E-04	1.87E-01	3.37E-02	1.53E-01	0.00E+00	0.00E+00	2.10E-04	2.03E-06	1.94E-04	1.21E-03	0.00E+00	3.56E-03	1.60E-09	4.72E-10	2.28E-02	3.87E-04	1.42E-02	2.78E-03	2.87E-04	6.32E-02	1.40E-01	0.00E+00	1.88E-09	2.46E-09	2.84E-04	7.39E-06	1.88E-01	0.00E+00	1.40E-01	3.48E-09	1.40E-01	1.59E-01	1.88E-01	0.00E+00	0.00E+00	0.00E+00	1.15E-02
VD118TP	4.16E-04	1.90E-01	3.39E-02	1.56E-01	0.00E+00	0.00E+00	2.11E-04	2.06E-06	1.95E-04	1.23E-03	0.00E+00	3.58E-03	1.61E-09	4.75E-10	2.34E-02	3.89E-04	1.46E-02	2.84E-03	2.74E-04	6.49E-02	1.42E-01	0.00E+00	1.90E-09	2.49E-09	2.86E-04	7.93E-06	1.90E-01	0.00E+00	1.42E-01	3.54E-09	1.42E-01	1.61E-01	1.90E-01	0.00E+00	0.00E+00	0.00E+00	1.18E-02
VD212NE	4.16E-04	1.89E-01	3.41E-02	1.55E-01	0.00E+00	0.00E+00	2.12E-04	2.06E-06	1.96E-04	1.23E-03	0.00E+00	3.59E-03	1.62E-09	4.77E-10	2.32E-02	3.91E-04	1.42E-02	2.37E-03	2.72E-04	6.44E-02	1.42E-01	0.00E+00	1.90E-09	2.49E-09	2.87E-04	7.93E-06	1.90E-01	0.00E+00	1.42E-01	3.53E-09	1.42E-01	1.61E-01	1.90E-01	0.0			

VE112E	5.01E-04	2.22E-01	4.02E-02	1.82E-01	0.00E+00	0.00E+00	2.51E+00	2.42E-06	2.31E-04	1.45E-03	0.00E+00	4.24E-03	1.91E-08	5.62E-10	2.71E-02	4.62E-04	1.69E-02	1.87E+00	0.00E+00	2.24E-09	2.93E-09	3.38E-04	8.80E-06	2.24E-01	0.00E+00	1.67E+00	4.15E-09	1.67E+00	1.90E+00	2.24E-01	0.00E+00	0.00E+00	0.00E+00	1.36E-02			
VE112F	6.46E-04	2.71E-01	4.94E-02	2.22E-01	0.00E+00	0.00E+00	3.08E+00	2.97E-06	2.84E-04	1.78E-03	0.00E+00	5.21E-03	2.35E-08	6.90E-10	3.31E-02	5.68E-04	1.96E-02	2.37E-03	3.87E-04	1.95E-02	2.05E+00	0.00E+00	2.75E-09	3.59E-09	4.15E-04	1.08E-05	2.74E-01	0.00E+00	2.05E+00	5.07E-09	2.05E+00	2.32E+00	2.74E-01	0.00E+00	0.00E+00	0.00E+00	1.66E-02
VE112G	5.48E-04	2.44E-01	4.40E-02	2.05E-01	0.00E+00	0.00E+00	2.74E+00	2.65E-06	2.53E-04	1.59E-03	0.00E+00	4.64E-03	2.09E-08	6.18E-10	2.98E-02	5.08E-04	1.84E-02	2.27E-03	3.49E-04	8.26E-02	1.83E+00	0.00E+00	2.45E-09	3.22E-09	3.70E-04	9.66E-06	2.46E-01	0.00E+00	1.83E+00	4.55E-09	1.83E+00	2.08E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	1.50E-02
VE112H	5.94E-04	2.76E-01	4.78E-02	2.28E-01	0.00E+00	0.00E+00	2.99E+00	2.95E-06	2.77E-04	1.75E-03	0.00E+00	5.06E-03	2.27E-08	6.74E-10	3.43E-02	5.49E-04	2.26E-02	6.25E-03	4.02E-04	9.55E-02	2.03E+00	0.00E+00	2.69E-09	3.57E-09	4.09E-04	1.09E-05	2.73E-01	0.00E+00	2.03E+00	5.11E-09	2.03E+00	2.30E+00	2.73E-01	0.00E+00	0.00E+00	0.00E+00	1.73E-02
VE112L	5.78E-04	2.61E-01	4.75E-02	2.13E-01	0.00E+00	0.00E+00	2.96E+00	2.85E-06	2.73E-04	1.71E-03	0.00E+00	5.01E-03	2.26E-08	6.64E-10	3.19E-02	5.46E-04	1.90E-02	2.37E-03	3.72E-04	8.82E-02	1.97E+00	0.00E+00	2.65E-09	3.46E-09	3.99E-04	1.04E-05	2.64E-01	0.00E+00	1.97E+00	4.89E-09	1.97E+00	2.24E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	1.60E-02
VE112M	6.78E-04	3.17E-01	5.59E-02	2.61E-01	0.00E+00	0.00E+00	3.49E+00	3.41E-06	3.23E-04	2.03E-03	0.00E+00	5.91E-03	2.63E-08	7.85E-10	3.92E-02	6.42E-04	2.40E-02	2.86E-03	4.99E-04	1.09E-01	2.35E+00	0.00E+00	3.13E-09	4.14E-09	4.74E-04	1.25E-05	3.16E-01	0.00E+00	2.35E+00	5.89E-09	2.35E+00	2.67E+00	3.16E-01	0.00E+00	0.00E+00	0.00E+00	1.97E-02
VE112N	1.45E-05	7.42E-04	1.72E-03	9.74E-04	0.00E+00	0.00E+00	9.97E-02	2.45E-09	8.36E-05	4.19E-05	0.00E+00	1.63E-04	8.15E-10	1.99E-11	2.63E-04	1.97E-05	9.86E-04	7.03E-04	3.96E-05	1.15E-03	4.15E-02	0.00E+00	7.49E-11	6.32E-11	1.02E-05	7.93E-08	4.02E-03	0.00E+00	4.15E-02	5.33E-11	4.15E-02	4.43E-02	4.62E-03	0.00E+00	0.00E+00	0.00E+00	1.66E-04
VE112PN	6.25E-04	2.41E-01	4.75E-02	2.13E-01	0.00E+00	0.00E+00	2.96E+00	2.85E-06	2.73E-04	1.71E-03	0.00E+00	5.01E-03	2.26E-08	6.64E-10	3.19E-02	5.46E-04	1.90E-02	2.37E-03	3.72E-04	8.82E-02	1.97E+00	0.00E+00	2.65E-09	3.46E-09	3.99E-04	1.04E-05	2.64E-01	0.00E+00	1.97E+00	4.89E-09	1.97E+00	2.23E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	1.60E-02
VE112PVH	6.00E-04	2.49E-01	4.59E-02	2.03E-01	0.00E+00	0.00E+00	2.85E+00	2.74E-06	2.63E-04	1.64E-03	0.00E+00	4.83E-03	2.18E-08	6.39E-10	3.03E-02	5.27E-04	1.76E-02	1.48E-03	3.54E-04	3.84E-02	1.89E+00	0.00E+00	2.54E-09	3.32E-09	3.83E-04	9.90E-06	2.93E-01	0.00E+00	1.89E+00	4.87E-09	1.89E+00	2.15E+00	2.63E-01	0.00E+00	0.00E+00	0.00E+00	1.52E-02
VE112S	6.08E-04	2.75E-01	5.01E-02	2.24E-01	0.00E+00	0.00E+00	3.12E+00	3.01E-06	2.88E-04	1.80E-03	0.00E+00	5.28E-03	2.38E-08	7.00E-10	3.35E-02	5.78E-04	1.99E-02	2.37E-03	3.52E-04	9.27E-02	2.08E+00	0.00E+00	2.79E-09	3.64E-09	4.20E-04	1.09E-05	2.78E-01	0.00E+00	2.08E+00	5.14E-09	2.08E+00	2.35E+00	2.78E-01	0.00E+00	0.00E+00	0.00E+00	1.68E-02
VE112SN	6.25E-04	2.41E-01	4.75E-02	2.13E-01	0.00E+00	0.00E+00	2.96E+00	2.85E-06	2.73E-04	1.71E-03	0.00E+00	5.01E-03	2.26E-08	6.64E-10	3.19E-02	5.46E-04	1.90E-02	2.37E-03	3.72E-04	8.82E-02	1.97E+00	0.00E+00	2.64E-09	3.46E-09	3.99E-04	1.04E-05	2.64E-01	0.00E+00	1.97E+00	4.89E-09	1.97E+00	2.23E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	1.60E-02
VE112U	5.77E-04	2.61E-01	4.75E-02	2.13E-01	0.00E+00	0.00E+00	2.96E+00	2.85E-06	2.73E-04	1.71E-03	0.00E+00	5.01E-03	2.26E-08	6.64E-10	3.19E-02	5.46E-04	1.90E-02	2.37E-03	3.72E-04	8.82E-02	1.97E+00	0.00E+00	2.64E-09	3.46E-09	3.99E-04	1.04E-05	2.64E-01	0.00E+00	1.97E+00	4.89E-09	1.97E+00	2.23E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	1.60E-02
VE118AK	8.79E-04	3.67E-01	6.69E-02	3.05E-01	0.00E+00	0.00E+00	4.16E+00	4.02E-06	3.84E-04	2.40E-03	0.00E+00	7.05E-03	3.19E-08	9.34E-10	4.48E-02	7.69E-04	2.87E-02	3.31E-03	5.24E-04	1.24E-01	2.77E+00	0.00E+00	3.72E-09	4.87E-09	5.61E-04	1.46E-05	3.71E-01	0.00E+00	2.77E+00	6.87E-09	2.77E+00	3.15E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	2.25E-02
VE118H	7.97E-04	3.70E-01	6.42E-02	3.05E-01	0.00E+00	0.00E+00	4.01E+00	3.95E-06	3.72E-04	2.32E-03	0.00E+00	6.81E-03	3.05E-08	9.86E-10	4.59E-02	7.39E-04	2.96E-02	3.75E-03	5.37E-04	1.25E-01	2.72E+00	0.00E+00	3.62E-09	4.73E-09	5.47E-04	1.46E-05	3.66E-01	0.00E+00	2.72E+00	6.84E-09	2.72E+00	3.09E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	2.31E-02
VE118L	7.78E-04	3.52E-01	6.40E-02	2.88E-01	0.00E+00	0.00E+00	3.98E+00	3.86E-06	3.68E-04	2.30E-03	0.00E+00	6.75E-03	3.04E-08	8.94E-10	4.30E-02	7.35E-04	2.57E-02	3.31E-03	5.02E-04	1.19E-01	2.68E+00	0.00E+00	3.56E-09	4.66E-09	5.37E-04	1.45E-05	3.55E-01	0.00E+00	2.68E+00	6.58E-09	2.68E+00	3.01E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	2.16E-02
VE118PN	8.42E-04	3.52E-01	6.40E-02	2.88E-01	0.00E+00	0.00E+00	3.98E+00	3.84E-06	3.68E-04	2.30E-03	0.00E+00	6.74E-03	3.04E-08	8.94E-10	4.30E-02	7.35E-04	2.57E-02	3.31E-03	5.02E-04	1.19E-01	2.68E+00	0.00E+00	3.56E-09	4.66E-09	5.37E-04	1.45E-05	3.55E-01	0.00E+00	2.68E+00	6.58E-09	2.68E+00	3.01E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	2.16E-02
VE118S	8.14E-04	3.68E-01	6.70E-02	3.01E-01	0.00E+00	0.00E+00	4.17E+00	4.02E-06	3.85E-04	2.41E-03	0.00E+00	7.06E-03	3.19E-08	9.36E-10	4.49E-02	7.70E-04	2.87E-02	3.31E-03	5.25E-04	1.24E-01	2.78E+00	0.00E+00	3.73E-09	4.89E-09	5.62E-04	1.46E-05	3.72E-01	0.00E+00	2.78E+00	6.89E-09	2.78E+00	3.15E+00	3.72E-01	0.00E+00	0.00E+00	0.00E+00	2.25E-02
VE118SN	8.42E-04	3.52E-01	6.40E-02	2.88E-01	0.00E+00	0.00E+00	3.98E+00	3.84E-06	3.68E-04	2.30E-03	0.00E+00	6.74E-03	3.04E-08	8.94E-10	4.30E-02	7.35E-04	2.57E-02	3.31E-03	5.02E-04	1.19E-01	2.68E+00	0.00E+00	3.56E-09	4.66E-09	5.37E-04	1.45E-05	3.55E-01	0.00E+00	2.68E+00	6.58E-09	2.68E+00	3.01E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	2.16E-02
VE118YN	6.82E-05	1.36E-03	3.28E-03	4.64E-03	0.00E+00	0.00E+00	1.88E-01	8.85E-05	1.55E-05	7.38E-05	0.00E+00	3.04E-04	1.56E-09	3.67E-11	5.64E-04	3.77E-05	2.40E-04	5.36E-04	1.29E-05	3.58E-03	6.97E-02	0.00E+00	1.37E-10	1.05E-10	1.81E-05	5.70E-08	7.69E-03	0.00E+00	6.97E-02	6.24E-11	6.97E-02	7.74E-02	7.69E-03	0.00E+00	0.00E+00	0.00E+00	5.55E-04
VE212DN	8.81E-04	3.87E-01	7.12E-02	3.15E-01	0.00E+00	0.00E+00	4.45E+00	4.25E-06	4.08E-04	2.55E-03	0.00E+00	7.49E-03	3.38E-08	9.02E-10	4.70E-02	8.19E-04	2.74E-02	2.37E-03	4.98E-04	1.30E-01	2.94E+00	0.00E+00	3.95E-09	5.15E-09	5.95E-04	1.54E-05	3.99E-01	0.00E+00	2.94E+00	7.26E-09	2.94E+00	3.33E+00	3.99E-01	0.00E+00	0.00E+00	0.00E+00	2.36E-02
VE212E	7.78E-04	3.07E-01	6.48E-02	2.86E-01	0.00E+00	0.00E+00	4.00E+00	3.94E-06	3.69E-04	2.30E-03	0.00E+00	6.73E-03	3.08E-08	8.96E-10	4.28E-02	7.39E-04	2.49E-02	2.37E-03	4.98E-04	1.18E-01	2.68E+00	0.00E+00	3.57E-09	4.66E-09	5.38E-04	1.36E-05	3.55E-01	0.00E+00	2.68E+00	6.58E-09	2.68E+00	3.01E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	2.14E-02
VE212H	7.98E-04	3.07E-01	6.48E-02	2.86E-01	0.00E+00	0.00E+00	4.04E+00	3.95E-06	3.74E-04	2.35E-03	0.00E+00	6.85E-03	3.08E-08	9.10E-10	4.52E-02	7.44E-04	2.88E-02	6.25E-03	5.29E-04	1.26E-01	2.72E+00	0.00E+00	3.63E-09	4.79E-09	5.49E-04	1.45E-05	3.66E-01	0.00E+00	2.72E+00	6.81E-09	2.72E+00	3.09E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
VE212L	7.78E-04	3.05E-01	6.43E-02	2.86E-01	0.00E+00	0.00E+00	4.00E+00	3.84E-06	3.69E-04	2.30E-03	0.00E+00	6.77E-03	3.06E-08	8.97E-10	4.28E-02	7.39E-04	2.49E-02	2.37E-03	4.98E-04	1.18E-01	2.68E+00	0.00E+00	3.57E-09	4.66E-09	5.38E-04	1.36E-05	3.55E-01	0.00E+00	2.68E+00	6.57E-09	2.68E+00	3.01E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	2.14E-02
VE212PN	8.42E-04	3.52E-01	6.43E-02	2.86E-01	0.00E+00	0.00E+00	4.00E+00	3.84E-06	3.69E-04	2.30E-03	0.00E+00	6.77E-03	3.05E-08	8.96E-10	4.28E-02	7.39E-04	2.49E-02	2.37E-03	4.98E-04	1.18E-01	2.68E+00	0.00E+00	3.57E-09	4.66E-09	5.38E-04	1.36E-05	3.55E-01	0.00E+00	2.68E+00	6.58E-09	2.68E+00	3.01E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	2.14E-02
VE212S	8.15E-04	3.66E-01	6.73E-02	3.05E-01	0.00E+00	0.00E+00	4.19E+00	4.02E-06	3.86E-04	2.41E-03	0.00E+00	7.06E-03	3.20E-08	9.36E-10	4.46E-02	7.74E-04	2.80E-02	2.37E-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.

VF108TJ	3.18E-04	1.42E-01	2.56E-02	1.17E-01	0.00E+00	0.00E+00	1.89E-04	1.54E-06	1.47E-04	9.22E-04	0.00E+00	2.70E-03	1.21E-06	3.58E-10	1.74E-02	2.94E-04	1.09E-02	2.32E-03	2.04E-04	4.83E-02	1.07E+00	0.00E+00	1.43E-09	1.87E-03	2.15E-04	5.63E-06	1.43E-01	0.00E+00	1.07E+00	2.65E-09	1.07E+00	1.21E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	8.78E-03
VF108TM	2.44E-04	1.08E-01	1.96E-02	8.86E-02	0.00E+00	0.00E+00	1.22E+00	1.18E-06	1.13E-04	7.06E-04	0.00E+00	2.07E-03	9.32E-09	2.74E-10	1.32E-02	2.25E-04	8.52E-03	2.08E-03	1.55E-04	3.67E-02	8.16E-01	0.00E+00	1.09E-09	1.43E-09	1.65E-04	4.29E-06	1.09E-01	0.00E+00	8.16E-01	2.02E-09	1.64E-01	9.25E-01	1.09E-01	0.00E+00	0.00E+00	0.00E+00	6.65E-03
VF108TP	4.21E-04	1.90E-01	3.38E-02	1.56E-01	0.00E+00	0.00E+00	2.11E+00	2.05E-06	1.95E-04	1.22E-03	0.00E+00	3.57E-03	1.61E-08	4.74E-10	2.33E-02	3.89E-04	1.42E-02	2.65E-03	2.73E-04	6.47E-02	1.42E+00	0.00E+00	1.89E-09	2.49E-09	2.86E-04	7.51E-06	1.90E-01	0.00E+00	1.42E+00	3.53E-09	1.42E+00	1.61E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
VF108TR	6.41E-09	1.10E-03	8.53E-04	2.47E-04	0.00E+00	0.00E+00	5.02E-02	3.12E-08	4.29E-06	2.25E-05	0.00E+00	8.23E-06	4.09E-10	1.02E-11	1.16E-05	9.81E-08	1.10E-03	1.21E-03	4.63E-07	2.26E-04	2.31E-02	0.00E+00	3.00E-11	3.74E-11	5.43E-09	6.43E-08	2.79E-03	0.00E+00	2.31E-02	3.69E-11	2.31E-02	2.59E-02	2.79E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-05
VF108TS	4.18E-04	1.89E-01	3.45E-02	1.55E-01	0.00E+00	0.00E+00	2.15E+00	2.07E-06	1.98E-04	1.24E-03	0.00E+00	3.63E-03	1.64E-08	4.82E-10	2.31E-02	3.90E-04	1.42E-02	2.55E-03	2.70E-04	8.40E-02	1.45E+00	0.00E+00	1.92E-09	2.51E-09	2.89E-04	7.52E-06	1.91E-01	0.00E+00	1.45E+00	3.54E-09	1.43E+00	1.62E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	1.16E-02
VF112PA	5.49E-04	2.44E-01	4.42E-02	1.99E-01	0.00E+00	0.00E+00	2.75E+00	2.69E-06	2.54E-04	1.59E-03	0.00E+00	4.66E-03	2.10E-08	6.18E-10	2.98E-02	5.08E-04	1.83E-02	2.81E-03	3.48E-04	8.24E-02	1.84E+00	0.00E+00	2.46E-09	3.22E-09	3.71E-04	9.86E-06	2.46E-01	0.00E+00	1.84E+00	4.55E-09	1.84E+00	2.08E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	1.49E-02
VF112PD	5.43E-04	2.41E-01	4.37E-02	1.97E-01	0.00E+00	0.00E+00	2.72E+00	2.65E-06	2.51E-04	1.57E-03	0.00E+00	4.61E-03	2.08E-08	6.11E-10	2.94E-02	5.02E-04	1.81E-02	2.79E-03	3.44E-04	8.15E-02	1.82E+00	0.00E+00	2.44E-09	3.79E-09	3.67E-04	9.52E-06	2.43E-01	0.00E+00	1.82E+00	4.50E-09	1.82E+00	2.09E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	1.49E-02
VF112PE	5.77E-04	2.60E-01	4.76E-02	2.13E-01	0.00E+00	0.00E+00	2.96E+00	2.85E-06	2.73E-04	1.71E-03	0.00E+00	5.01E-03	2.26E-08	6.64E-10	3.18E-02	5.48E-04	1.88E-02	2.17E-03	3.71E-04	8.79E-02	1.97E+00	0.00E+00	2.65E-09	3.49E-09	3.99E-04	1.03E-05	2.64E-01	0.00E+00	1.97E+00	4.88E-09	1.97E+00	2.23E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	1.59E-02
VF112PEB	5.77E-04	2.60E-01	4.76E-02	2.13E-01	0.00E+00	0.00E+00	2.96E+00	2.85E-06	2.73E-04	1.71E-03	0.00E+00	5.01E-03	2.26E-08	6.64E-10	3.18E-02	5.48E-04	1.88E-02	2.17E-03	3.71E-04	8.79E-02	1.97E+00	0.00E+00	2.65E-09	3.49E-09	3.99E-04	1.03E-05	2.64E-01	0.00E+00	1.97E+00	4.88E-09	1.97E+00	2.23E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	1.59E-02
VF112PEH	5.48E-04	2.44E-01	4.37E-02	2.00E-01	0.00E+00	0.00E+00	2.73E+00	2.65E-06	2.52E-04	1.58E-03	0.00E+00	4.62E-03	2.08E-08	6.13E-10	2.99E-02	5.03E-04	1.87E-02	2.80E-03	3.50E-04	8.29E-02	1.83E+00	0.00E+00	2.44E-09	3.21E-09	3.69E-04	9.65E-06	2.46E-01	0.00E+00	1.83E+00	4.55E-09	1.83E+00	2.07E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	1.50E-02
VF112PF	1.94E-05	6.83E-04	1.64E-03	3.23E-03	0.00E+00	0.00E+00	9.43E-02	4.44E-08	7.78E-06	3.70E-05	0.00E+00	1.62E-04	7.80E-10	1.84E-11	4.78E-04	1.98E-05	1.05E-03	1.10E-03	6.47E-05	1.79E-03	3.46E-02	0.00E+00	6.84E-11	5.28E-11	9.09E-06	2.86E-08	3.85E-03	0.00E+00	3.46E-02	3.13E-11	3.46E-02	3.86E-02	3.85E-03	0.00E+00	0.00E+00	0.00E+00	2.78E-04
VF112PJ	3.52E-04	1.53E-01	2.85E-02	1.24E-01	0.00E+00	0.00E+00	1.77E+00	1.69E-06	1.63E-04	1.01E-03	0.00E+00	2.99E-03	1.35E-08	3.96E-10	1.85E-02	3.27E-04	1.17E-02	2.07E-03	2.16E-04	5.10E-02	1.17E+00	0.00E+00	1.57E-09	2.04E-09	2.37E-04	6.06E-06	1.56E-01	0.00E+00	1.17E+00	2.87E-09	1.17E+00	1.32E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	9.26E-03
VF112PM	1.91E-04	8.10E-02	1.53E-02	6.57E-02	0.00E+00	0.00E+00	9.49E-01	9.01E-07	8.74E-05	5.43E-04	0.00E+00	1.61E-03	7.29E-09	2.12E-10	9.78E-03	1.76E-04	6.91E-03	1.50E-03	1.14E-04	2.69E-02	6.24E-01	0.00E+00	8.44E-10	1.09E-09	1.27E-04	3.23E-06	6.32E-02	0.00E+00	6.24E-01	1.53E-09	6.24E-01	7.07E-01	8.32E-02	0.00E+00	0.00E+00	0.00E+00	4.98E-03
VF112PP	6.22E-04	2.83E-01	5.19E-02	3.32E-01	0.00E+00	0.00E+00	3.23E+00	3.11E-06	2.92E-04	1.86E-03	0.00E+00	5.47E-03	2.47E-08	7.24E-10	3.42E-02	5.96E-04	2.03E-02	2.17E-03	4.04E-04	9.32E-02	1.65E+00	0.00E+00	2.88E-09	3.79E-09	4.35E-04	1.13E-06	3.07E-01	0.00E+00	1.42E+00	3.51E-09	1.42E+00	2.43E+00	3.07E-01	0.00E+00	0.00E+00	0.00E+00	1.73E-02
VF112PR	1.60E-06	7.60E-04	1.87E-03	3.10E-04	0.00E+00	0.00E+00	9.71E-02	5.30E-08	8.17E-06	4.09E-05	0.00E+00	1.56E-04	7.94E-10	1.94E-11	2.50E-04	1.92E-05	1.08E-03	1.07E-04	3.88E-05	1.10E-03	4.05E-02	0.00E+00	7.31E-11	6.37E-11	9.95E-06	7.85E-08	4.71E-03	0.00E+00	4.05E-02	5.24E-11	4.05E-02	4.32E-02	4.71E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
VF112PS	6.48E-04	2.94E-01	5.32E-02	2.41E-01	0.00E+00	0.00E+00	3.31E+00	3.21E-06	3.06E-04	1.92E-03	0.00E+00	5.61E-03	2.53E-08	7.44E-10	3.60E-02	6.11E-04	2.18E-02	3.30E-03	4.21E-04	9.98E-02	2.21E+00	0.00E+00	2.96E-09	3.88E-09	4.47E-04	1.17E-05	2.96E-01	0.00E+00	2.21E+00	5.50E-09	2.21E+00	2.51E+00	2.96E-01	0.00E+00	0.00E+00	0.00E+00	1.81E-02
VF112PT	6.00E-04	2.75E-01	4.88E-02	2.29E-01	0.00E+00	0.00E+00	3.04E+00	2.97E-06	2.81E-04	1.77E-03	0.00E+00	5.16E-03	2.32E-08	6.85E-10	3.39E-02	5.60E-04	2.14E-02	4.52E-03	3.97E-04	9.42E-02	2.05E+00	0.00E+00	2.73E-09	3.60E-09	4.13E-04	1.09E-05	2.75E-01	0.00E+00	2.05E+00	6.12E-09	2.05E+00	2.32E+00	2.75E-01	0.00E+00	0.00E+00	0.00E+00	1.71E-02
VF112PY	5.49E-04	2.44E-01	4.43E-02	1.99E-01	0.00E+00	0.00E+00	2.76E+00	2.68E-06	2.54E-04	1.59E-03	0.00E+00	4.67E-03	2.10E-08	6.19E-10	2.98E-02	5.09E-04	1.83E-02	2.83E-03	3.48E-04	8.24E-02	1.84E+00	0.00E+00	2.47E-09	3.22E-09	3.72E-04	9.84E-06	2.46E-01	0.00E+00	1.84E+00	4.56E-09	1.84E+00	2.08E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	1.49E-02
VF112PZG	5.51E-04	2.43E-01	4.46E-02	1.99E-01	0.00E+00	0.00E+00	2.77E+00	2.67E-06	2.55E-04	1.60E-03	0.00E+00	4.69E-03	2.12E-08	6.22E-10	2.97E-02	5.12E-04	1.80E-02	2.85E-03	3.47E-04	8.26E-02	1.84E+00	0.00E+00	2.48E-09	3.23E-09	3.73E-04	9.87E-06	2.47E-01	0.00E+00	1.84E+00	4.56E-09	1.84E+00	2.09E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	1.49E-02
VF112TA	3.73E-04	1.62E-01	2.99E-02	1.32E-01	0.00E+00	0.00E+00	1.86E+00	1.79E-06	1.72E-04	1.07E-03	0.00E+00	3.15E-03	1.42E-08	4.17E-10	1.97E-02	3.44E-04	1.25E-02	2.06E-02	2.30E-04	5.44E-02	1.22E+00	0.00E+00	1.86E-09	2.19E-09	2.50E-04	6.42E-06	1.65E-01	0.00E+00	1.22E+00	3.05E-09	1.22E+00	1.40E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	9.88E-03
VF112TD	4.29E-04	1.88E-01	3.44E-02	1.54E-01	0.00E+00	0.00E+00	2.14E+00	2.06E-06	1.98E-04	1.24E-03	0.00E+00	3.63E-03	1.60E-08	4.80E-10	2.39E-02	3.96E-04	1.43E-02	2.27E-03	2.68E-04	6.32E-02	1.42E+00	0.00E+00	2.91E-09	2.50E-09	2.88E-04	7.46E-06	1.90E-01	0.00E+00	1.42E+00	3.52E-09	1.42E+00	1.61E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	1.15E-02
VF112TE	5.49E-04	2.44E-01	4.42E-02	1.99E-01	0.00E+00	0.00E+00	2.75E+00	2.68E-06	2.54E-04	1.59E-03	0.00E+00	4.66E-03	2.10E-08	6.18E-10	2.98E-02	5.08E-04	1.81E-02	2.85E-03	3.48E-04	8.24E-02	1.84E+00	0.00E+00	2.46E-09	3.22E-09	3.71E-04	9.86E-06	2.46E-01	0.00E+00	1.84E+00	4.56E-09	1.84E+00	2.08E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	1.49E-02
VF112TF	5.01E-04	2.20E-01	4.02E-02	1.80E-01	0.00E+00	0.00E+00	2.50E+00	2.41E-06	2.31E-04	1.44E-03	0.00E+00	4.23E-03	1.91E-08	5.61E-10	2.69E-02	4.62E-04	1.65E-02	2.37E-03	3.15E-04	7.45E-02	1.67E+00	0.00E+00	2.24E-09	2.92E-09	3.37E-04	8.75E-06	2.23E-01	0.00E+00	1.67E+00	4.13E-09	1.67E+00	1.89E+00	2.23E-01	0.00E+00	0.00E+00	0.00E+00	1.35E-02
VF112TJ	3.44E-04	1.49E-01	2.77E-02	1.21E-01	0.00E+00	0.00E+00	1.72E+00	1.64E-06	1.59E-04	9.87E-04	0.00E+00	2.91E-03	1.32E-08	3.85E-10	1.92E-02	3.18E-04	1.13E-02	1.85E-03	2.10E-04	4.99E-02	1.14E+00	0.00E+00	1.53E-09	1.99E-09	2.31E-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	9.02E-03
VF112TM	1.80E-05	9.35E-04	1.25E-03	3.16E-04	0.00E+00	0.00E+00	7.30E-02	4.19E-08	6.18E-06	3.15E-05	0.00E+00	1.19E-04	5.92E-10	1.47E-11	1.27E-04	1.44E-05	1.22E-03	7.24E-04	2.03E-05	8.41E-04	3.16E-02	0.00E+00	5.56E-11	5.02E-11	7.63E-06	7.12E-08	3.73E-03	0.00E+00	3.16E-02	4.45E-11	3.16E-02	3.33E-02	3.73E-03				

VF212PR	4.78E-04	2.20E-01	3.88E-02	1.81E-01	0.00E+00	0.00E+00	2.42E+00	2.37E-06	2.24E-04	1.41E-03	0.00E+00	4.10E-03	1.84E-08	5.45E-10	2.71E-02	4.45E-04	1.88E-02	2.69E-03	3.17E-04	7.53E-02	1.63E+00	0.00E+00	2.17E-09	2.87E-03	3.20E-04	8.68E-06	2.19E-01	0.00E+00	1.63E+00	4.08E-09	1.63E+00	1.85E+00	2.19E-01	0.00E+00	0.00E+00	0.00E+00	1.36E-02
VF212PS	6.63E-04	2.97E-01	5.54E-02	2.44E-01	0.00E+00	0.00E+00	3.33E+00	3.23E-06	3.08E-04	1.93E-03	0.00E+00	6.64E-03	2.54E-08	7.48E-10	3.65E-02	6.14E-04	2.23E-02	3.78E-03	4.26E-04	1.01E-01	2.23E+00	0.00E+00	2.98E-09	3.91E-03	4.50E-04	1.18E-05	2.99E-01	0.00E+00	2.23E+00	5.55E-09	2.23E+00	2.53E+00	2.99E-01	0.00E+00	0.00E+00	0.00E+00	1.83E-02
VF212PT	6.04E-04	2.78E-01	4.90E-02	2.29E-01	0.00E+00	0.00E+00	3.06E+00	2.99E-06	2.83E-04	1.79E-03	0.00E+00	5.19E-03	2.33E-08	6.89E-10	3.43E-02	5.63E-04	2.19E-02	4.96E-03	4.02E-04	9.55E-02	2.06E+00	0.00E+00	2.75E-09	3.63E-03	4.16E-04	1.10E-05	2.77E-01	0.00E+00	2.06E+00	5.17E-09	2.06E+00	2.34E+00	2.77E-01	0.00E+00	0.00E+00	0.00E+00	1.73E-02
VF212PY	7.11E-04	3.25E-01	5.93E-02	2.67E-01	0.00E+00	0.00E+00	3.61E+00	3.52E-06	3.34E-04	2.10E-03	0.00E+00	6.12E-03	2.75E-08	8.13E-10	4.00E-02	6.66E-04	2.44E-02	4.06E-03	4.68E-04	1.11E-01	2.43E+00	0.00E+00	3.24E-09	4.26E-03	4.90E-04	1.29E-05	3.25E-01	0.00E+00	2.43E+00	6.02E-09	2.43E+00	2.75E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
VF212PZB	9.74E-04	4.36E-01	8.07E-02	3.55E-01	0.00E+00	0.00E+00	5.02E+00	4.81E-06	4.62E-04	2.88E-03	0.00E+00	8.46E-03	3.83E-08	1.12E-09	5.30E-02	9.27E-04	3.95E-02	2.14E-03	6.19E-04	1.46E-01	3.32E+00	0.00E+00	4.47E-09	5.83E-03	6.74E-04	1.74E-05	4.44E-01	0.00E+00	3.32E+00	8.19E-09	3.32E+00	3.77E+00	4.44E-01	0.00E+00	0.00E+00	0.00E+00	2.66E-02
VF212PZC	7.26E-04	3.25E-01	5.89E-02	2.67E-01	0.00E+00	0.00E+00	3.62E+00	3.52E-06	3.35E-04	2.10E-03	0.00E+00	6.13E-03	2.76E-08	8.14E-10	4.00E-02	6.67E-04	2.47E-02	3.77E-03	4.68E-04	1.11E-01	2.43E+00	0.00E+00	3.25E-09	4.27E-03	4.90E-04	1.29E-05	3.26E-01	0.00E+00	2.43E+00	6.06E-09	2.43E+00	2.75E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
VF212PZG	7.21E-04	3.25E-01	5.89E-02	2.66E-01	0.00E+00	0.00E+00	3.65E+00	3.54E-06	3.37E-04	2.11E-03	0.00E+00	6.16E-03	2.78E-08	8.20E-10	3.99E-02	6.73E-04	2.37E-02	3.89E-03	4.75E-04	1.10E-01	2.44E+00	0.00E+00	3.27E-09	4.30E-03	4.93E-04	1.29E-05	3.27E-01	0.00E+00	2.44E+00	6.07E-09	2.44E+00	2.77E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	2.00E-02
VF212TA	5.71E-04	2.98E-01	4.96E-02	2.19E-01	0.00E+00	0.00E+00	2.88E+00	2.84E-06	2.67E-04	1.67E-03	0.00E+00	4.88E-03	2.25E-08	6.30E-10	3.18E-02	4.51E-04	1.96E-02	3.32E-03	3.62E-04	8.82E-02	1.99E+00	0.00E+00	2.49E-09	3.40E-03	3.90E-04	1.05E-05	2.99E-01	0.00E+00	1.99E+00	4.82E-09	1.99E+00	2.19E+00	2.99E-01	0.00E+00	0.00E+00	0.00E+00	1.60E-02
VF212TD	6.57E-04	2.98E-01	5.13E-02	2.45E-01	0.00E+00	0.00E+00	3.31E+00	3.22E-06	3.06E-04	1.92E-03	0.00E+00	6.61E-03	2.52E-08	7.45E-10	3.67E-02	6.10E-04	2.23E-02	3.43E-03	4.26E-04	1.02E-01	2.22E+00	0.00E+00	2.97E-09	3.91E-03	4.49E-04	1.18E-05	2.98E-01	0.00E+00	2.22E+00	5.55E-09	2.22E+00	2.52E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	1.84E-02
VF212TE	7.11E-04	3.25E-01	5.77E-02	2.68E-01	0.00E+00	0.00E+00	3.60E+00	3.51E-06	3.33E-04	2.09E-03	0.00E+00	6.10E-03	2.74E-08	8.10E-10	4.01E-02	6.63E-04	2.42E-02	3.69E-03	4.69E-04	1.11E-01	2.42E+00	0.00E+00	3.23E-09	4.26E-03	4.88E-04	1.29E-05	3.25E-01	0.00E+00	2.42E+00	6.02E-09	2.42E+00	2.75E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
VF212TF	7.18E-04	3.25E-01	5.81E-02	2.67E-01	0.00E+00	0.00E+00	3.62E+00	3.52E-06	3.35E-04	2.10E-03	0.00E+00	6.13E-03	2.76E-08	8.14E-10	4.00E-02	6.67E-04	2.39E-02	3.42E-03	4.68E-04	1.11E-01	2.43E+00	0.00E+00	3.25E-09	4.27E-03	4.90E-04	1.29E-05	3.26E-01	0.00E+00	2.43E+00	6.06E-09	2.43E+00	2.76E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
VF212TJ	3.64E-04	1.62E-01	2.96E-02	1.33E-01	0.00E+00	0.00E+00	1.84E+00	1.78E-06	1.70E-04	1.06E-03	0.00E+00	3.12E-03	1.41E-08	4.14E-10	1.98E-02	3.41E-04	1.24E-02	2.40E-03	2.31E-04	5.84E-02	1.29E+00	0.00E+00	1.65E-09	2.15E-03	2.49E-04	6.44E-06	1.64E-01	0.00E+00	1.29E+00	3.04E-09	1.29E+00	1.39E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	9.94E-03
VF212TM	7.14E-04	3.25E-01	5.73E-02	2.68E-01	0.00E+00	0.00E+00	3.59E+00	3.50E-06	3.32E-04	2.09E-03	0.00E+00	6.09E-03	2.73E-08	8.07E-10	4.01E-02	6.60E-04	2.40E-02	3.44E-03	4.70E-04	1.12E-01	2.42E+00	0.00E+00	3.22E-09	4.25E-03	4.87E-04	1.29E-05	3.24E-01	0.00E+00	2.42E+00	6.04E-09	2.42E+00	2.74E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	2.02E-02
VF212TP	6.52E-04	2.96E-01	4.93E-02	2.32E-01	0.00E+00	0.00E+00	3.31E+00	3.21E-06	3.04E-04	1.92E-03	0.00E+00	5.61E-03	2.53E-08	7.44E-10	3.63E-02	6.11E-04	2.22E-02	3.75E-03	4.24E-04	1.01E-01	2.22E+00	0.00E+00	2.97E-09	3.89E-03	4.46E-04	1.17E-05	2.97E-01	0.00E+00	2.22E+00	5.52E-09	2.22E+00	2.52E+00	2.97E-01	0.00E+00	0.00E+00	0.00E+00	1.82E-02
VF212TR	5.10E-04	2.56E-01	4.14E-02	1.93E-01	0.00E+00	0.00E+00	2.58E+00	2.53E-06	2.39E-04	1.50E-03	0.00E+00	4.36E-03	1.97E-08	6.80E-10	2.89E-02	4.75E-04	1.78E-02	2.78E-03	3.39E-04	8.04E-02	1.74E+00	0.00E+00	3.29E-09	3.06E-03	3.51E-04	9.27E-06	2.34E-01	0.00E+00	1.74E+00	4.36E-09	1.74E+00	1.97E+00	2.34E-01	0.00E+00	0.00E+00	0.00E+00	1.46E-02
VF212TS	4.43E-04	2.03E-01	3.84E-02	1.67E-01	0.00E+00	0.00E+00	2.27E+00	2.20E-06	2.10E-04	1.31E-03	0.00E+00	3.84E-03	1.73E-08	5.10E-10	2.50E-02	4.18E-04	1.68E-02	2.96E-03	2.92E-04	6.92E-02	1.52E+00	0.00E+00	2.03E-09	2.67E-03	3.07E-04	8.04E-06	2.04E-01	0.00E+00	1.52E+00	3.79E-09	1.52E+00	1.72E+00	2.04E-01	0.00E+00	0.00E+00	0.00E+00	1.25E-02
VF212TY	7.16E-04	3.25E-01	5.79E-02	2.67E-01	0.00E+00	0.00E+00	3.61E+00	3.52E-06	3.34E-04	2.10E-03	0.00E+00	6.12E-03	2.75E-08	8.12E-10	4.00E-02	6.65E-04	2.41E-02	3.80E-03	4.69E-04	1.11E-01	2.43E+00	0.00E+00	3.24E-09	4.26E-03	4.89E-04	1.29E-05	3.25E-01	0.00E+00	2.43E+00	6.05E-09	2.43E+00	2.75E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
VF218PA	9.69E-04	4.33E-01	7.89E-02	3.54E-01	0.00E+00	0.00E+00	4.91E+00	4.73E-06	4.53E-04	2.83E-03	0.00E+00	8.31E-03	3.75E-08	1.10E-09	5.29E-02	9.06E-04	3.19E-02	1.42E-03	6.18E-04	1.46E-01	3.27E+00	0.00E+00	4.39E-09	5.74E-03	6.62E-04	1.73E-05	4.39E-01	0.00E+00	3.27E+00	8.10E-09	3.27E+00	3.71E+00	4.39E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
VF218PD	1.00E-03	4.54E-01	8.30E-02	3.72E-01	0.00E+00	0.00E+00	5.11E+00	4.94E-06	4.72E-04	2.93E-03	0.00E+00	8.65E-03	3.89E-08	1.15E-09	5.56E-02	9.42E-04	3.37E-02	1.51E-03	6.50E-04	1.54E-01	3.41E+00	0.00E+00	4.57E-09	5.99E-03	6.90E-04	1.85E-05	4.57E-01	0.00E+00	3.41E+00	8.48E-09	3.41E+00	3.97E+00	4.57E-01	0.00E+00	0.00E+00	0.00E+00	2.79E-02
VF218PEH	9.69E-04	4.33E-01	7.92E-02	3.54E-01	0.00E+00	0.00E+00	4.93E+00	4.74E-06	4.55E-04	2.84E-03	0.00E+00	8.34E-03	3.76E-08	1.10E-09	5.29E-02	9.05E-04	3.22E-02	1.44E-03	6.17E-04	1.46E-01	3.28E+00	0.00E+00	4.40E-09	5.75E-03	6.63E-04	1.72E-05	4.39E-01	0.00E+00	3.28E+00	8.11E-09	3.28E+00	3.71E+00	4.39E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
VF218PES	1.05E-03	4.78E-01	8.86E-02	3.92E-01	0.00E+00	0.00E+00	5.35E+00	5.21E-06	4.98E-04	3.12E-03	0.00E+00	9.13E-03	4.14E-08	1.21E-09	5.87E-02	9.95E-04	3.48E-02	1.58E-03	6.84E-04	1.62E-01	3.66E+00	0.00E+00	4.83E-09	6.32E-03	7.28E-04	1.99E-05	4.82E-01	0.00E+00	3.66E+00	9.34E-09	3.66E+00	4.08E+00	4.82E-01	0.00E+00	0.00E+00	0.00E+00	2.94E-02
VF218PF	6.22E-04	2.73E-01	5.13E-02	2.21E-01	0.00E+00	0.00E+00	3.18E+00	3.08E-06	2.93E-04	1.83E-03	0.00E+00	5.36E-03	2.44E-08	7.12E-10	3.29E-02	5.89E-04	2.04E-02	2.74E-03	3.84E-04	9.07E-02	2.10E+00	0.00E+00	2.83E-09	3.67E-03	4.26E-04	1.09E-05	2.80E-01	0.00E+00	2.10E+00	5.14E-09	2.10E+00	2.36E+00	2.80E-01	0.00E+00	0.00E+00	0.00E+00	1.65E-02
VF218PJ	9.71E-04	4.33E-01	7.91E-02	3.54E-01	0.00E+00	0.00E+00	4.92E+00	4.74E-06	4.54E-04	2.84E-03	0.00E+00	8.34E-03	3.76E-08	1.10E-09	5.28E-02	9.09E-04	3.16E-02	1.39E-03	6.17E-04	1.46E-01	3.28E+00	0.00E+00	4.40E-09	5.74E-03	6.63E-04	1.72E-05	4.39E-01	0.00E+00	3.28E+00	8.11E-09	3.28E+00	3.71E+00	4.39E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
VF218PJ1	6.40E-04	2.81E-01	5.26E-02	2.28E-01	0.00E+00	0.00E+00	3.27E+00	3.11E-06	3.01E-04	1.87E-03	0.00E+00	5.53E-03	2.50E-08	7.31E-10	3.42E-02	6.04E-04	2.09E-02	2.98E-03	3.96E-04	9.36E-02	2.15E+00	0.00E+00	2.91E-09	3.77E-03	4.36E-04	1.12E-05	2.98E-01	0.00E+00	2.15E+00	5.29E-09	2.15E+00	2.44E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	1.70E-02
VF218PM	5.54E-04	2.43E-01	4.54E-02	1.99E-01	0.00E+00	0.00E+00	2.82E+00	2.69E-06	2.60E-04	1.62E-03	0.00E+00	4.77E-03	2.16E-08	6.31E-10	2.94E-02	5.21E-04	1.84E-02	2.65E-03	3.43E-04	8.12E-02	1.88E+00	0.00E+00	2.51E-09	3.26E-03	3.78E-04	9.68E-06	2.48E-01	0.00E+00	1.88E+00	4.58E-09	1.88E+00	2.11E+00	2.48E-				

VF318PS	1.27E-03	5.76E-01	1.95E-01	4.72E-01	0.00E+00	0.00E+00	0.00E+00	6.29E-06	6.01E-04	3.76E-03	0.00E+00	1.10E-02	4.97E-08	1.48E-09	7.04E-02	1.20E-03	4.23E-02	5.80E-03	8.23E-04	1.95E-01	4.34E+00	0.00E+00	5.82E-09	7.82E-09	8.78E-04	2.29E-05	5.81E-01	0.00E+00	4.34E+00	1.08E-08	4.34E+00	4.92E+00	5.81E-01	0.00E+00	0.00E+00	0.00E+00	3.54E-02
VF318PT	1.22E-03	5.56E-01	1.90E-01	4.56E-01	0.00E+00	0.00E+00	8.23E+00	6.04E-06	5.76E-04	3.61E-03	0.00E+00	1.06E-02	4.75E-08	1.40E-09	6.82E-02	1.15E-03	4.18E-02	7.03E-03	7.98E-04	1.89E-01	4.17E+00	0.00E+00	5.58E-09	7.32E-09	8.42E-04	2.20E-05	5.59E-01	0.00E+00	4.17E+00	1.04E-08	4.17E+00	4.73E+00	5.59E-01	0.00E+00	0.00E+00	0.00E+00	3.43E-02
VF318PY	1.17E-03	5.28E-01	1.84E-02	4.32E-01	0.00E+00	0.00E+00	5.94E+00	5.75E-06	5.49E-04	3.44E-03	0.00E+00	1.01E-02	4.53E-08	1.33E-09	6.48E-02	1.10E-03	3.92E-02	5.18E-03	7.56E-04	1.79E-01	3.97E+00	0.00E+00	5.32E-09	6.97E-09	8.02E-04	2.00E-05	5.31E-01	0.00E+00	3.97E+00	9.86E-09	3.97E+00	4.50E+00	5.31E-01	0.00E+00	0.00E+00	0.00E+00	3.25E-02
VF318PZC	1.21E-03	5.27E-01	1.88E-02	4.31E-01	0.00E+00	0.00E+00	6.01E+00	5.78E-06	5.52E-04	3.42E-03	0.00E+00	1.02E-02	4.59E-08	1.35E-09	6.43E-02	1.11E-03	3.78E-02	4.28E-03	7.51E-04	1.78E-01	4.00E+00	0.00E+00	5.37E-09	7.01E-09	8.09E-04	2.09E-05	5.34E-01	0.00E+00	4.00E+00	1.02E-08	4.00E+00	4.64E+00	5.34E-01	0.00E+00	0.00E+00	0.00E+00	3.22E-02
VF318TA	1.17E-03	5.28E-01	1.98E-02	4.32E-01	0.00E+00	0.00E+00	5.96E+00	5.78E-06	5.51E-04	3.45E-03	0.00E+00	1.01E-02	4.55E-08	1.34E-09	6.45E-02	1.10E-03	3.86E-02	4.55E-03	7.54E-04	1.79E-01	3.98E+00	0.00E+00	5.33E-09	6.98E-09	8.05E-04	2.08E-05	5.32E-01	0.00E+00	3.98E+00	9.87E-09	3.98E+00	4.51E+00	5.32E-01	0.00E+00	0.00E+00	0.00E+00	3.24E-02
VF318TD	1.20E-03	5.44E-01	1.94E-02	4.35E-01	0.00E+00	0.00E+00	6.13E+00	5.93E-06	5.66E-04	3.54E-03	0.00E+00	1.04E-02	4.88E-08	1.38E-09	6.65E-02	1.13E-03	4.01E-02	5.80E-03	7.73E-04	1.84E-01	4.00E+00	0.00E+00	5.49E-09	7.18E-09	8.23E-04	2.16E-05	5.48E-01	0.00E+00	4.00E+00	1.02E-08	4.00E+00	4.64E+00	5.48E-01	0.00E+00	0.00E+00	0.00E+00	3.34E-02
VF318TES	1.14E-03	5.14E-01	1.93E-02	4.19E-01	0.00E+00	0.00E+00	5.87E+00	5.82E-06	5.41E-04	3.38E-03	0.00E+00	9.83E-03	4.48E-08	1.30E-09	6.29E-02	1.09E-03	3.74E-02	4.42E-03	7.01E-04	1.73E-01	3.90E+00	0.00E+00	5.24E-09	6.93E-09	7.89E-04	2.04E-05	5.21E-01	0.00E+00	3.90E+00	9.63E-09	3.90E+00	4.42E+00	5.21E-01	0.00E+00	0.00E+00	0.00E+00	3.14E-02
VF318TM	1.67E-03	5.27E-01	1.83E-01	4.23E-01	0.00E+00	0.00E+00	4.88E+00	5.40E-06	5.23E-04	3.41E-03	0.00E+00	1.03E-02	4.58E-08	1.30E-09	6.32E-02	1.56E-03	3.84E-02	4.85E-03	7.03E-04	1.75E-01	3.58E+00	0.00E+00	5.36E-09	6.97E-09	1.15E-03	3.00E-05	7.60E-01	0.00E+00	3.58E+00	1.63E-08	3.58E+00	6.44E+00	7.60E-01	0.00E+00	0.00E+00	0.00E+00	4.88E-02
VF318TP	1.17E-03	5.27E-01	1.94E-02	4.31E-01	0.00E+00	0.00E+00	6.00E+00	5.78E-06	5.53E-04	3.43E-03	0.00E+00	1.02E-02	4.58E-08	1.35E-09	6.44E-02	1.11E-03	3.84E-02	4.63E-03	7.52E-04	1.78E-01	3.99E+00	0.00E+00	5.36E-09	7.00E-09	8.08E-04	2.09E-05	5.34E-01	0.00E+00	3.99E+00	9.88E-09	3.99E+00	4.52E+00	5.34E-01	0.00E+00	0.00E+00	0.00E+00	3.23E-02
VF318TR	2.14E-03	9.70E-01	1.74E-01	7.96E-01	0.00E+00	0.00E+00	1.08E-01	1.05E-02	1.00E-03	8.28E-03	0.00E+00	1.84E-02	8.28E-08	2.44E-09	1.19E-01	2.00E-03	6.88E-02	6.84E-03	1.39E-03	3.30E-03	7.28E+00	0.00E+00	9.71E-09	1.27E-08	1.47E-03	3.34E-05	9.73E-01	0.00E+00	7.28E+00	1.81E-08	7.28E+00	8.23E+00	9.73E-01	0.00E+00	0.00E+00	0.00E+00	5.98E-02
VF412PA	1.15E-03	5.14E-01	1.93E-02	4.20E-01	0.00E+00	0.00E+00	5.83E+00	5.62E-06	5.38E-04	3.36E-03	0.00E+00	9.87E-03	4.45E-08	1.31E-09	6.28E-02	1.08E-03	3.80E-02	4.31E-03	7.34E-04	1.74E-01	3.88E+00	0.00E+00	5.21E-09	6.81E-09	7.86E-04	2.04E-05	5.19E-01	0.00E+00	3.88E+00	9.82E-09	3.88E+00	4.40E+00	5.19E-01	0.00E+00	0.00E+00	0.00E+00	3.15E-02
VF412PD	1.22E-03	5.51E-01	1.91E-01	4.50E-01	0.00E+00	0.00E+00	6.26E+00	6.02E-06	5.78E-04	3.61E-03	0.00E+00	1.06E-02	4.72E-08	1.40E-09	6.73E-02	1.16E-03	3.99E-02	4.72E-03	7.88E-04	1.86E-01	4.17E+00	0.00E+00	5.59E-09	7.31E-09	8.43E-04	2.19E-05	5.57E-01	0.00E+00	4.17E+00	1.03E-08	4.17E+00	4.72E+00	5.57E-01	0.00E+00	0.00E+00	0.00E+00	3.37E-02
VF412PE	1.21E-03	5.45E-01	1.94E-02	4.35E-01	0.00E+00	0.00E+00	6.18E+00	5.96E-06	5.71E-04	3.57E-03	0.00E+00	1.05E-02	4.73E-08	1.39E-09	6.65E-02	1.14E-03	3.94E-02	4.72E-03	7.72E-04	1.84E-01	4.12E+00	0.00E+00	5.53E-09	7.22E-09	8.33E-04	2.16E-05	5.51E-01	0.00E+00	4.12E+00	1.02E-08	4.12E+00	4.67E+00	5.51E-01	0.00E+00	0.00E+00	0.00E+00	3.34E-02
VF412PEB	2.70E-03	1.48E-03	9.39E-03	5.05E-03	0.00E+00	0.00E+00	2.26E-01	9.63E-05	1.69E-05	8.02E-05	0.00E+00	3.31E-04	1.69E-09	1.00E-11	1.04E-03	4.10E-05	8.90E-02	1.75E-04	1.40E-05	3.89E-05	7.58E-02	0.00E+00	1.48E-10	1.15E-10	1.97E-05	6.20E-08	8.37E-03	0.00E+00	7.58E-02	9.79E-11	7.58E-02	8.42E-02	8.37E-03	0.00E+00	0.00E+00	0.00E+00	6.94E-04
VF412PEBH	2.69E-06	1.24E-03	2.99E-03	4.23E-03	0.00E+00	0.00E+00	1.71E-01	8.07E-05	1.42E-05	6.72E-05	0.00E+00	2.27E-04	1.42E-09	3.34E-11	8.69E-04	3.43E-05	2.49E-03	6.85E-04	1.18E-03	3.26E-03	6.35E-02	0.00E+00	1.42E-10	9.00E-11	1.65E-05	5.20E-08	7.01E-03	0.00E+00	6.35E-02	5.69E-11	6.35E-02	7.05E-02	7.01E-03	0.00E+00	0.00E+00	0.00E+00	5.06E-04
VF412PEH	1.15E-03	5.14E-01	1.92E-02	4.22E-01	0.00E+00	0.00E+00	5.78E+00	5.60E-06	5.34E-04	3.35E-03	0.00E+00	9.79E-03	4.41E-08	1.30E-09	6.30E-02	1.07E-03	3.84E-02	4.44E-03	7.37E-04	1.75E-01	3.88E+00	0.00E+00	5.18E-09	6.78E-09	7.81E-04	2.04E-05	5.17E-01	0.00E+00	3.88E+00	9.61E-09	3.88E+00	4.38E+00	5.17E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
VF412PF	1.00E-03	4.46E-01	8.21E-02	3.64E-01	0.00E+00	0.00E+00	5.11E+00	4.90E-06	4.71E-04	2.54E-03	0.00E+00	8.64E-03	3.93E-08	1.14E-09	5.43E-02	9.43E-04	3.29E-02	3.45E-03	6.34E-04	1.50E-03	3.39E+00	0.00E+00	4.56E-09	5.94E-09	6.87E-04	1.77E-05	4.53E-01	0.00E+00	3.39E+00	8.37E-09	3.39E+00	3.84E+00	4.53E-01	0.00E+00	0.00E+00	0.00E+00	2.72E-02
VF412PJ	1.36E-03	6.06E-01	1.11E-01	4.98E-01	0.00E+00	0.00E+00	8.88E+00	6.65E-06	6.36E-04	3.88E-03	0.00E+00	1.17E-02	5.25E-08	1.54E-09	7.44E-02	1.27E-03	4.41E-02	4.69E-03	8.70E-04	2.06E-01	4.59E+00	0.00E+00	6.16E-09	8.05E-09	9.29E-04	2.42E-05	6.14E-01	0.00E+00	4.59E+00	1.14E-08	4.59E+00	5.21E+00	6.14E-01	0.00E+00	0.00E+00	0.00E+00	3.74E-02
VF412PM	8.04E-04	3.55E-01	6.07E-02	2.90E-01	0.00E+00	0.00E+00	4.09E+00	3.91E-06	3.77E-04	2.35E-03	0.00E+00	8.91E-03	3.12E-08	9.15E-10	4.32E-02	7.55E-04	2.84E-02	2.95E-03	5.04E-04	1.19E-01	2.71E+00	0.00E+00	3.64E-09	4.74E-09	5.49E-04	1.41E-05	3.62E-01	0.00E+00	2.71E+00	6.68E-09	2.71E+00	3.07E+00	3.62E-01	0.00E+00	0.00E+00	0.00E+00	2.16E-02
VF412PP	1.30E-03	5.86E-01	1.97E-01	4.79E-01	0.00E+00	0.00E+00	6.67E+00	6.42E-06	6.15E-04	3.84E-03	0.00E+00	1.13E-02	5.09E-08	1.49E-09	7.15E-02	1.23E-03	4.22E-02	4.72E-03	8.35E-04	1.98E-01	4.43E+00	0.00E+00	5.96E-09	7.79E-09	8.98E-04	2.33E-05	5.93E-01	0.00E+00	4.43E+00	1.10E-08	4.43E+00	5.03E+00	5.93E-01	0.00E+00	0.00E+00	0.00E+00	3.58E-02
VF412PR	1.52E-03	6.88E-01	1.02E-01	5.66E-01	0.00E+00	0.00E+00	7.68E+00	7.44E-06	7.06E-04	4.43E-03	0.00E+00	1.42E-02	5.02E-08	1.72E-09	8.48E-02	1.41E-03	4.90E-02	4.51E-03	9.92E-04	2.35E-01	5.13E+00	0.00E+00	6.85E-09	9.91E-09	1.08E-03	2.72E-05	6.88E-01	0.00E+00	5.13E+00	1.28E-08	5.13E+00	5.82E+00	6.88E-01	0.00E+00	0.00E+00	0.00E+00	4.28E-02
VF412PS	1.28E-03	5.78E-01	1.96E-01	4.72E-01	0.00E+00	0.00E+00	6.57E+00	6.33E-06	6.06E-04	3.79E-03	0.00E+00	1.11E-02	5.02E-08	1.47E-09	7.05E-02	1.21E-03	4.17E-02	4.72E-03	8.23E-04	1.95E-01	4.37E+00	0.00E+00	5.67E-09	7.47E-09	8.85E-04	2.29E-05	5.85E-01	0.00E+00	4.37E+00	1.08E-08	4.37E+00	4.96E+00	5.85E-01	0.00E+00	0.00E+00	0.00E+00	3.54E-02
VF412PT	1.24E-03	5.64E-01	1.92E-01	4.61E-01	0.00E+00	0.00E+00	6.36E+00	6.15E-06	5.87E-04	3.68E-03	0.00E+00	1.08E-02	4.85E-08	1.43E-09	6.90E-02	1.17E-03	4.15E-02	5.95E-03	8.06E-04	1.91E-01	4.24E+00	0.00E+00	5.69E-09	7.45E-09	8.58E-04	2.24E-05	5.88E-01	0.00E+00	4.24E+00	1.05E-08	4.24E+00	4.81E+00	5.88E-01	0.00E+00	0.00E+00	0.00E+00	3.48E-02
VF412PY	1.15E-03	5.14E-01	1.93E-02	4.21E-01	0.00E+00	0.00E+00	5.80E+00	5.61E-06	5.32E-04	3.35E-03	0.00E+00	9.82E-03	4.42E-08	1.30E-09	6.29E-02	1.07E-03	3.79E-02	4.47E-03	7.36E-04	1.74E-01	3.87E+00	0.00E+00	5.19E-09	6.79E-09	7.83E-04	2.04E-05	5.18E-01	0.00E+00	3.87E+00	9.81E-09	3.87E+00	4.39E+00	5.18E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
VF412PZC	1.18E-03	5.14E-01	1.94E-02	4.19E-01	0.00E+00	0.00E+00	5.87E+00	5.64E-06	5.41E-04	3.38E-03	0.00E+00	9.93E-03	4.48E-08	1.32E-09	6.28E-02	1.08E-03	3.86E-02	3.57E-03	7.31E-04	1.73E-01	3.90E+00	0.00E+00	5.24E-09	6.83E-09	7.89E-04	2.04E-05	5.21E-01	0.00E+00	3.90E+00	9.83E-09	3.90E+00	4.42E+00	5.21E-01</				

VH36AT	9.9604	4.54E-01	8.96E-02	3.73E-01	0.00E+00	0.00E+00	5.03E-04	4.90E-05	4.65E-04	2.92E-03	0.00E+00	8.52E-03	8.83E-08	1.13E-09	5.59E-02	9.26E-04	3.18E-02	2.53E-03	6.55E-04	1.55E-01	3.38E+00	0.00E+00	4.51E-09	5.94E-09	6.82E-04	1.85E-05	4.53E-01	0.00E+00	3.38E+00	8.44E-09	3.38E+00	3.93E+00	4.53E-01	0.00E+00	0.00E+00	0.00E+00	2.91E-02
VH36DKN	1.08E-04	4.73E-02	8.73E-03	3.86E-02	0.00E+00	0.00E+00	5.43E-01	5.20E-07	5.00E-05	3.12E-04	0.00E+00	1.81E-04	4.14E-08	1.22E-10	5.75E-03	1.00E-04	3.78E-03	2.96E-04	6.72E-05	1.56E-02	3.60E-01	0.00E+00	4.84E-10	6.31E-10	7.20E-05	1.88E-06	4.81E-02	0.00E+00	3.60E-01	8.88E-10	3.60E-01	4.08E-01	4.81E-02	0.00E+00	0.00E+00	0.00E+00	2.88E-03
VH36EP	4.71E-04	2.14E-01	3.78E-02	1.77E-01	0.00E+00	0.00E+00	2.25E+00	2.30E-04	2.18E-04	1.37E-03	0.00E+00	3.98E-03	1.79E-08	5.20E-10	2.65E-02	4.32E-04	1.64E-02	8.35E-04	3.10E-04	7.36E-02	1.59E+00	0.00E+00	2.11E-09	2.79E-09	3.20E-04	8.48E-08	2.13E-01	0.00E+00	1.50E+00	3.98E-09	1.59E+00	1.80E+00	2.13E-01	0.00E+00	0.00E+00	0.00E+00	1.33E-02
VH36ET	1.92E-04	8.74E-02	1.38E-02	7.36E-02	0.00E+00	0.00E+00	8.67E-01	8.93E-07	8.11E-05	5.22E-04	0.00E+00	1.48E-03	6.54E-09	1.98E-10	1.12E-02	1.58E-04	4.84E-03	2.14E-03	1.31E-04	3.14E-02	6.11E-01	0.00E+00	7.84E-10	1.08E-09	1.21E-04	3.40E-08	8.28E-02	0.00E+00	6.11E-01	1.58E-09	6.11E-01	6.34E-01	8.28E-02	0.00E+00	0.00E+00	0.00E+00	5.64E-03
VH36NA	2.12E-04	9.39E-02	1.77E-02	7.62E-02	0.00E+00	0.00E+00	1.10E+00	1.04E-08	1.01E-04	6.28E-04	0.00E+00	1.86E-03	8.40E-09	2.45E-10	1.13E-02	2.03E-04	6.26E-03	0.00E+00	1.32E-04	3.12E-02	7.22E-01	0.00E+00	9.78E-10	1.26E-09	1.47E-04	3.75E-08	9.64E-02	0.00E+00	7.22E-01	1.77E-09	7.22E-01	8.19E-01	9.64E-02	0.00E+00	0.00E+00	0.00E+00	5.68E-03
VH36NC	2.12E-04	9.39E-02	1.77E-02	7.62E-02	0.00E+00	0.00E+00	1.10E+00	1.04E-08	1.01E-04	6.28E-04	0.00E+00	1.86E-03	8.40E-09	2.45E-10	1.13E-02	2.03E-04	6.27E-03	9.84E-08	1.32E-04	3.12E-02	7.22E-01	0.00E+00	9.77E-10	1.26E-09	1.47E-04	3.75E-08	9.64E-02	0.00E+00	7.22E-01	1.77E-09	7.22E-01	8.19E-01	9.64E-02	0.00E+00	0.00E+00	0.00E+00	5.68E-03
VH36NCT	2.91E-04	1.38E-01	2.04E-02	1.09E-01	0.00E+00	0.00E+00	1.29E+00	1.27E-08	1.20E-04	7.74E-04	0.00E+00	2.19E-03	9.70E-09	1.94E-10	1.66E-02	2.35E-04	1.01E-02	1.63E-01	1.95E-04	4.67E-02	9.07E-01	0.00E+00	1.18E-09	1.61E-09	1.80E-04	5.02E-08	1.23E-01	0.00E+00	9.07E-01	2.35E-09	9.07E-01	1.02E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	8.39E-03
VH36NE	2.57E-04	2.17E-01	2.15E-02	1.26E-02	0.00E+00	0.00E+00	3.00E+00	1.32E-08	1.32E-04	6.26E-04	0.00E+00	2.16E-03	9.70E-09	2.98E-10	1.38E-02	2.47E-04	1.76E-03	0.00E+00	1.65E-04	3.78E-02	8.76E-01	0.00E+00	1.64E-09	1.54E-09	1.78E-04	4.55E-08	1.17E-01	0.00E+00	8.76E-01	2.15E-09	8.76E-01	9.95E-01	1.17E-01	0.00E+00	0.00E+00	0.00E+00	6.90E-03
VH36NK	4.89E-05	2.17E-02	4.08E-03	1.78E-02	0.00E+00	0.00E+00	2.54E-01	2.41E-07	2.33E-05	1.45E-04	0.00E+00	4.29E-04	1.94E-09	5.67E-11	2.62E-03	4.69E-05	1.45E-03	0.00E+00	3.05E-05	7.21E-03	1.67E-01	0.00E+00	2.28E-10	2.92E-10	3.39E-05	8.65E-07	2.23E-02	0.00E+00	1.67E-01	4.05E-10	1.67E-01	1.89E-01	2.23E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-03
VH36NKM	2.08E-05	1.51E-03	7.73E-03	8.64E-03	0.00E+00	0.00E+00	4.11E-01	2.01E-07	3.40E-05	1.64E-04	0.00E+00	6.65E-04	3.39E-09	8.05E-11	1.84E-03	8.20E-05	1.83E-03	1.91E-03	2.52E-05	7.07E-03	1.57E-01	0.00E+00	3.01E-10	2.39E-10	4.02E-05	1.74E-07	1.75E-02	0.00E+00	1.57E-01	1.56E-10	1.57E-01	1.74E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
VH36NN	2.12E-04	9.39E-02	1.77E-02	7.62E-02	0.00E+00	0.00E+00	1.10E+00	1.04E-08	1.01E-04	6.28E-04	0.00E+00	1.86E-03	8.40E-09	2.45E-10	1.13E-02	2.03E-04	6.27E-03	9.84E-08	1.32E-04	3.12E-02	7.22E-01	0.00E+00	9.77E-10	1.26E-09	1.47E-04	3.75E-08	9.64E-02	0.00E+00	7.22E-01	1.77E-09	7.22E-01	8.19E-01	9.64E-02	0.00E+00	0.00E+00	0.00E+00	5.68E-03
VH36NW	2.23E-04	1.03E-01	1.81E-02	8.46E-02	0.00E+00	0.00E+00	1.13E+00	1.11E-08	1.05E-04	6.58E-04	0.00E+00	1.91E-03	8.59E-09	2.54E-10	1.27E-02	2.08E-04	8.08E-03	1.85E-03	1.49E-04	3.53E-02	7.62E-01	0.00E+00	1.01E-09	1.34E-09	1.53E-04	4.08E-08	1.02E-01	0.00E+00	7.62E-01	1.91E-09	7.62E-01	8.84E-01	1.02E-01	0.00E+00	0.00E+00	0.00E+00	6.38E-03
VH36NWB	2.19E-04	1.10E-01	1.47E-02	8.57E-02	0.00E+00	0.00E+00	9.37E-01	1.05E-08	8.93E-05	5.95E-04	0.00E+00	1.81E-03	8.96E-09	2.19E-10	1.47E-02	1.68E-04	1.01E-02	4.07E-03	1.74E-04	4.21E-02	7.10E-01	0.00E+00	8.87E-10	1.27E-09	1.37E-04	4.21E-08	9.75E-02	0.00E+00	7.07E-01	1.90E-09	7.10E-01	8.08E-01	9.75E-02	0.00E+00	0.00E+00	0.00E+00	7.49E-03
VH36NWP	2.32E-04	1.07E-01	2.96E-02	7.63E-02	0.00E+00	0.00E+00	1.28E+00	1.21E-08	1.17E-04	6.28E-04	0.00E+00	2.16E-03	9.70E-09	2.85E-10	1.30E-02	2.37E-04	8.79E-03	1.62E-03	1.51E-04	3.56E-02	8.36E-01	0.00E+00	1.13E-09	1.48E-09	1.70E-04	4.31E-08	1.11E-01	0.00E+00	8.36E-01	2.04E-09	8.36E-01	9.48E-01	1.11E-01	0.00E+00	0.00E+00	0.00E+00	6.48E-03
VH36WWH	2.53E-05	1.58E-03	2.86E-04	1.83E-03	0.00E+00	0.00E+00	1.41E-02	9.57E-10	1.01E-06	2.67E-06	0.00E+00	2.15E-05	1.26E-10	2.29E-12	3.14E-04	3.06E-04	9.30E-03	3.61E-03	3.95E-06	1.02E-03	6.79E-04	0.00E+00	6.73E-12	1.44E-12	7.67E-07	4.48E-08	1.65E-04	0.00E+00	6.79E-04	1.56E-11	6.79E-04	5.14E-04	1.65E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-04
VH48AT	2.12E-04	9.40E-02	1.77E-02	7.62E-02	0.00E+00	0.00E+00	1.10E+00	1.04E-08	1.01E-04	6.28E-04	0.00E+00	1.86E-03	8.41E-09	2.46E-10	1.14E-02	2.03E-04	6.28E-03	9.84E-08	1.32E-04	3.12E-02	7.22E-01	0.00E+00	9.77E-10	1.27E-09	1.47E-04	3.75E-08	9.65E-02	0.00E+00	7.22E-01	1.77E-09	7.22E-01	8.20E-01	9.65E-02	0.00E+00	0.00E+00	0.00E+00	5.69E-03
VH48DKN	4.68E-05	2.04E-02	3.39E-03	1.70E-02	0.00E+00	0.00E+00	2.12E-01	2.13E-07	1.97E-05	1.28E-04	0.00E+00	3.65E-04	1.61E-09	4.81E-11	2.57E-03	3.88E-05	1.65E-03	1.52E-04	3.02E-05	7.20E-03	1.47E-01	0.00E+00	1.93E-10	2.59E-10	2.93E-05	8.00E-07	1.98E-02	0.00E+00	1.47E-01	3.74E-10	1.47E-01	1.66E-01	1.98E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
VH48EP	4.70E-04	2.15E-01	3.71E-02	1.77E-01	0.00E+00	0.00E+00	2.32E+00	2.39E-04	2.15E-04	1.36E-03	0.00E+00	3.93E-03	1.79E-08	5.23E-10	2.66E-02	4.36E-04	1.55E-02	1.03E-03	3.12E-04	7.43E-02	1.58E+00	0.00E+00	2.09E-09	2.77E-09	3.18E-04	8.45E-08	2.12E-01	0.00E+00	1.58E+00	3.97E-09	1.58E+00	1.79E+00	2.12E-01	0.00E+00	0.00E+00	0.00E+00	1.34E-02
VH48ET	8.77E-04	3.99E-01	6.84E-02	3.31E-01	0.00E+00	0.00E+00	4.28E+00	4.24E-08	3.97E-04	2.51E-03	0.00E+00	7.26E-03	3.25E-08	9.67E-10	4.97E-02	7.88E-04	2.60E-02	5.06E-03	5.83E-04	1.39E-01	2.92E+00	0.00E+00	3.86E-09	5.14E-09	5.98E-04	1.57E-05	3.92E-01	0.00E+00	2.92E+00	7.37E-09	2.92E+00	3.31E+00	3.92E-01	0.00E+00	0.00E+00	0.00E+00	2.51E-02
VH48MMV	1.93E-04	1.22E-01	2.05E-02	1.02E-01	0.00E+00	0.00E+00	1.28E+00	1.28E-08	1.19E-04	7.56E-04	0.00E+00	2.18E-03	9.71E-09	2.00E-10	1.54E-02	2.35E-04	2.88E-02	3.50E-03	1.81E-04	4.30E-02	8.82E-01	0.00E+00	1.16E-09	1.59E-09	1.77E-04	4.80E-08	1.19E-01	0.00E+00	8.82E-01	2.25E-09	8.82E-01	1.00E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	7.75E-03
VH48NA	2.12E-04	9.40E-02	1.77E-02	7.62E-02	0.00E+00	0.00E+00	1.10E+00	1.04E-08	1.01E-04	6.28E-04	0.00E+00	1.86E-03	8.41E-09	2.46E-10	1.13E-02	2.03E-04	6.27E-03	9.84E-08	1.32E-04	3.12E-02	7.22E-01	0.00E+00	9.77E-10	1.27E-09	1.47E-04	3.75E-08	9.65E-02	0.00E+00	7.22E-01	1.77E-09	7.22E-01	8.19E-01	9.65E-02	0.00E+00	0.00E+00	0.00E+00	5.68E-03
VH48NC	2.12E-04	9.40E-02	1.77E-02	7.62E-02	0.00E+00	0.00E+00	1.10E+00	1.04E-08	1.01E-04	6.28E-04	0.00E+00	1.86E-03	8.41E-09	2.46E-10	1.14E-02	2.03E-04	6.28E-03	9.84E-08	1.32E-04	3.12E-02	7.22E-01	0.00E+00	9.77E-10	1.27E-09	1.47E-04	3.75E-08	9.66E-02	0.00E+00	7.22E-01	1.77E-09	7.22E-01	8.20E-01	9.66E-02	0.00E+00	0.00E+00	0.00E+00	5.69E-03
VH48NE	2.57E-04	1.14E-01	2.15E-02	9.26E-02	0.00E+00	0.00E+00	1.33E+00	1.27E-08	1.23E-04	7.64E-04	0.00E+00	2.26E-03	1.02E-08	2.98E-10	1.38E-02	2.47E-04	7.81E-03	0.00E+00	1.61E-04	3.80E-02	8.78E-01	0.00E+00	1.19E-09	1.54E-09	1.78E-04	4.55E-08	1.17E-01	0.00E+00	8.78E-01	2.15E-09	8.78E-01	9.95E-01	1.17E-01	0.00E+00	0.00E+00	0.00E+00	6.90E-03
VH48NK	4.90E-05	2.18E-02	4.10E-03	1.77E-02	0.00E+00	0.00E+00	2.54E-01	2.42E-07	2.34E-05	1.45E-04	0.00E+00	4.30E-04	1.93E-09	5.69E-11	2.63E-03	4.71E-05	1.45E-03	0.00E+00	3.06E-05	7.23E-03	1.67E-01	0.00E+00	2.28E-10	2.93E-10	3.40E-05	8.84E-07	2.23E-02	0.00E+00	1.67E-01	1.10E-10	1.67E-01	1.90E-01	2.23E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
VH48NKM	1.03E-04	4.55E-02	8.56E-03	3.96E-02	0.00E+00	0.00E+00	5.32E-01	5.07E-07	4.89E-05	3.04E-04	0.00E+00	8.99E-04	4.07E-09	1.19E-10	5.49E-03	9.84E-05	3.03E-03	0.00E+00	6.40E-05	1.51E-02	3.50E-01	0.00E+00	4.73E-10	6.12E-10	7.11E-05	1.81E-08	4.87E-02	0.00E+00	3.50E-01	8.88E-10	3.50E-01	3.97E-01	4.87E-02	0.00E+00	0.00E+00		

VR212NE3	9.83E-07	3.87E-04	9.30E-04	1.32E-03	0.00E+00	0.00E+00	2.91E-05	4.41E-06	2.09E-05	0.00E+00	8.83E-05	4.43E-10	1.04E-11	2.71E-04	1.07E-05	8.90E-04	1.65E-03	3.67E-05	1.02E-03	1.98E-02	0.00E+00	3.87E-11	2.99E-11	5.15E-06	1.63E-06	2.18E-03	0.00E+00	1.98E-02	1.77E-11	1.98E-02	2.30E-02	2.18E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
VR212NEB	4.28E-04	1.87E-01	3.13E-02	1.56E-01	0.00E+00	0.00E+00	1.96E+00	1.96E+00	1.82E-04	1.16E-03	0.00E+00	3.38E-03	1.49E-08	4.44E-10	2.34E-02	3.59E-04	1.63E-02	6.78E-03	2.75E-04	6.56E-02	1.35E+00	0.00E+00	1.78E-09	2.38E-09	2.70E-04	7.33E-06	1.82E-01	0.00E+00	1.35E+00	3.43E-09	1.35E+00	1.53E+00	1.82E-01	0.00E+00	0.00E+00	1.18E-02
VR212NH	2.30E-04	9.46E-02	1.77E-02	7.68E-02	0.00E+00	0.00E+00	1.10E+00	1.05E-04	1.01E-04	6.30E-04	0.00E+00	1.86E-03	8.40E-09	2.46E-10	1.54E-02	2.03E-04	7.19E-03	3.81E-04	1.33E-04	3.15E-02	7.25E-01	0.00E+00	9.78E-10	1.27E-09	1.47E-04	3.77E-06	9.67E-02	0.00E+00	7.25E-01	1.78E-09	7.25E-01	8.21E-01	9.67E-02	0.00E+00	0.00E+00	5.73E-03
VR212NH1	5.92E-09	1.19E-04	2.87E-04	4.40E-04	0.00E+00	0.00E+00	1.65E-02	7.75E-03	3.92E-04	6.48E-06	0.00E+00	2.66E-05	1.38E-10	3.21E-12	8.35E-05	3.30E-04	3.30E-04	1.93E-03	1.13E-04	3.13E-04	6.10E-03	0.00E+00	1.20E-11	9.23E-12	1.59E-06	4.99E-09	6.73E-04	0.00E+00	6.10E-03	5.46E-12	6.10E-03	6.78E-03	8.73E-04	0.00E+00	0.00E+00	4.86E-05
VR212PD	5.08E-05	1.26E-02	4.77E-03	7.82E-03	0.00E+00	0.00E+00	2.85E-01	2.10E-07	2.50E-05	1.40E-04	0.00E+00	4.72E-04	2.26E-09	6.01E-11	9.85E-04	5.46E-05	1.13E-03	9.44E-04	1.03E-05	2.07E-03	1.51E-01	0.00E+00	2.33E-10	2.53E-10	3.34E-05	5.77E-07	1.90E-02	0.00E+00	1.51E-01	2.97E-10	1.51E-01	1.70E-01	1.90E-02	0.00E+00	0.00E+00	4.41E-04
VR212PDM	4.68E-04	2.07E-01	3.81E-02	1.69E-01	0.00E+00	0.00E+00	2.35E+00	2.26E-06	2.17E-04	1.35E-03	0.00E+00	9.97E-03	1.79E-08	5.26E-10	2.53E-02	4.33E-04	1.49E-02	1.89E-03	2.99E-04	7.00E-02	1.56E+00	0.00E+00	2.10E-09	2.74E-09	3.16E-04	8.21E-06	2.09E-01	0.00E+00	1.56E+00	3.87E-09	1.56E+00	1.77E+00	2.09E-01	0.00E+00	0.00E+00	1.27E-02
VR212PP	4.67E-04	2.13E-01	3.77E-02	1.75E-01	0.00E+00	0.00E+00	2.28E+00	2.31E-06	2.20E-04	1.38E-03	0.00E+00	4.03E-03	1.81E-08	5.34E-10	2.61E-02	4.39E-04	1.61E-02	2.94E-03	3.90E-04	7.24E-02	1.59E+00	0.00E+00	2.13E-09	3.81E-09	3.22E-04	8.42E-06	2.13E-01	0.00E+00	1.59E+00	3.97E-09	1.59E+00	1.61E+00	2.13E-01	0.00E+00	0.00E+00	1.91E-02
VR212PPC	4.72E-04	2.07E-01	3.86E-02	1.88E-01	0.00E+00	0.00E+00	2.36E+00	2.29E-06	2.21E-04	1.38E-03	0.00E+00	4.06E-03	1.83E-08	5.37E-10	2.50E-02	4.44E-04	1.60E-02	2.18E-03	3.02E-04	6.89E-02	1.58E+00	0.00E+00	2.13E-09	2.77E-09	3.21E-04	8.23E-06	2.11E-01	0.00E+00	1.58E+00	3.87E-09	1.58E+00	1.79E+00	2.11E-01	0.00E+00	0.00E+00	1.25E-02
VR212PPH	4.79E-04	2.07E-01	3.84E-02	1.88E-01	0.00E+00	0.00E+00	2.36E+00	2.28E-06	2.20E-04	1.37E-03	0.00E+00	4.04E-03	1.83E-08	5.35E-10	2.51E-02	4.41E-04	1.59E-02	2.03E-04	6.91E-02	1.58E+00	0.00E+00	2.13E-09	2.77E-09	3.20E-04	8.23E-06	2.11E-01	0.00E+00	1.58E+00	3.89E-09	1.58E+00	1.79E+00	2.11E-01	0.00E+00	0.00E+00	1.26E-02	
VR212TD	7.98E-04	3.14E-01	5.72E-02	2.56E-01	0.00E+00	0.00E+00	3.56E+00	3.43E-08	3.29E-04	2.05E-03	0.00E+00	6.03E-03	2.72E-08	7.99E-10	3.83E-02	6.57E-04	2.22E-02	2.74E-03	4.47E-04	1.96E-01	2.37E+00	0.00E+00	3.18E-09	4.18E-09	4.80E-04	1.24E-05	3.17E-01	0.00E+00	2.37E+00	6.87E-09	2.37E+00	2.69E+00	3.17E-01	0.00E+00	0.00E+00	1.92E-02
VR212TF	5.90E-04	2.59E-01	4.78E-02	2.11E-01	0.00E+00	0.00E+00	2.97E+00	2.85E-06	2.74E-04	1.71E-03	0.00E+00	5.03E-03	2.27E-08	6.68E-10	3.15E-02	5.49E-04	1.84E-02	2.45E-03	3.68E-04	8.71E-02	1.97E+00	0.00E+00	2.65E-09	3.46E-09	4.00E-04	1.03E-05	2.64E-01	0.00E+00	1.97E+00	4.87E-09	1.97E+00	2.34E+00	2.64E-01	0.00E+00	0.00E+00	1.58E-02
VS104PE	3.14E-04	1.40E-01	2.51E-02	1.15E-01	0.00E+00	0.00E+00	1.56E+00	1.52E-06	1.45E-04	9.06E-04	0.00E+00	2.65E-03	1.19E-08	3.51E-10	1.72E-02	2.88E-04	1.04E-02	2.35E-03	2.01E-04	4.78E-02	1.05E+00	0.00E+00	1.40E-09	1.84E-09	2.12E-04	5.54E-06	1.40E-01	0.00E+00	1.03E+00	2.61E-09	1.05E+00	1.19E+00	1.40E-01	0.00E+00	0.00E+00	6.63E-03
VS104PEB	3.02E-04	1.37E-01	2.48E-02	1.12E-01	0.00E+00	0.00E+00	1.54E+00	1.49E-06	1.42E-04	8.92E-04	0.00E+00	2.61E-03	1.18E-08	3.46E-10	1.69E-02	2.84E-04	1.02E-02	1.56E-03	1.96E-04	4.65E-02	1.03E+00	0.00E+00	1.38E-09	1.81E-09	2.09E-04	5.44E-06	1.38E-01	0.00E+00	1.02E+00	2.59E-09	1.03E+00	1.17E+00	1.38E-01	0.00E+00	0.00E+00	8.43E-03
VS104PEB	3.02E-04	1.37E-01	2.48E-02	1.12E-01	0.00E+00	0.00E+00	1.54E+00	1.49E-06	1.42E-04	8.92E-04	0.00E+00	2.61E-03	1.18E-08	3.46E-10	1.69E-02	2.84E-04	1.02E-02	1.56E-03	1.96E-04	4.65E-02	1.03E+00	0.00E+00	1.38E-09	1.81E-09	2.09E-04	5.44E-06	1.38E-01	0.00E+00	1.02E+00	2.59E-09	1.03E+00	1.17E+00	1.38E-01	0.00E+00	0.00E+00	8.43E-03
VS104PF	3.09E-04	1.38E-01	2.47E-02	1.13E-01	0.00E+00	0.00E+00	1.54E+00	1.49E-06	1.42E-04	8.92E-04	0.00E+00	2.61E-03	1.17E-08	3.46E-10	1.69E-02	2.84E-04	1.02E-02	2.35E-03	1.98E-04	4.66E-02	1.03E+00	0.00E+00	1.38E-09	1.81E-09	2.09E-04	5.45E-06	1.38E-01	0.00E+00	1.02E+00	2.57E-09	1.03E+00	1.17E+00	1.38E-01	0.00E+00	0.00E+00	8.49E-03
VS104PJ	2.03E-04	9.07E-02	1.84E-02	7.43E-02	0.00E+00	0.00E+00	1.02E+00	9.87E-07	9.41E-05	5.90E-04	0.00E+00	1.73E-03	7.77E-09	2.29E-10	1.11E-02	1.88E-04	7.06E-03	1.94E-03	1.30E-04	3.08E-02	6.81E-01	0.00E+00	9.12E-10	1.20E-09	1.38E-04	3.59E-06	9.12E-02	0.00E+00	6.81E-01	1.69E-09	6.81E-01	7.72E-01	9.12E-02	0.00E+00	0.00E+00	5.58E-03
VS104PP	3.02E-04	1.37E-01	2.48E-02	1.12E-01	0.00E+00	0.00E+00	1.54E+00	1.49E-06	1.43E-04	8.92E-04	0.00E+00	2.61E-03	1.18E-08	3.47E-10	1.68E-02	2.85E-04	1.02E-02	1.56E-03	1.97E-04	4.66E-02	1.03E+00	0.00E+00	1.38E-09	1.81E-09	2.09E-04	5.44E-06	1.38E-01	0.00E+00	1.02E+00	2.56E-09	1.03E+00	1.17E+00	1.38E-01	0.00E+00	0.00E+00	8.44E-03
VS104PR	3.17E-04	1.41E-01	2.59E-02	1.15E-01	0.00E+00	0.00E+00	1.61E+00	1.55E-06	1.49E-04	9.28E-04	0.00E+00	2.73E-03	1.23E-08	3.61E-10	1.72E-02	2.97E-04	1.02E-02	1.93E-03	2.01E-04	4.77E-02	1.07E+00	0.00E+00	1.44E-09	1.88E-09	2.17E-04	5.61E-06	1.43E-01	0.00E+00	1.07E+00	2.65E-09	1.07E+00	1.21E+00	1.43E-01	0.00E+00	0.00E+00	8.65E-03
VS104PY	4.59E-06	2.21E-04	5.52E-04	7.54E-04	0.00E+00	0.00E+00	3.06E-02	1.44E-05	2.52E-06	1.20E-05	0.00E+00	4.94E-05	2.53E-10	5.96E-12	1.55E-04	6.12E-06	6.80E-04	1.29E-03	2.10E-06	6.82E-04	1.13E-02	0.00E+00	2.22E-11	1.71E-11	1.95E-06	9.27E-09	1.25E-03	0.00E+00	1.13E-02	1.01E-11	1.13E-02	1.26E-02	1.25E-03	0.00E+00	0.00E+00	9.02E-05
VS104TD	2.42E-05	6.54E-03	1.79E-03	4.76E-03	0.00E+00	0.00E+00	1.08E-01	8.88E-09	9.88E-05	5.62E-05	0.00E+00	1.89E-04	8.44E-10	2.33E-11	6.68E-04	2.04E-05	9.81E-04	1.39E-02	7.51E-06	1.69E-03	6.27E-02	0.00E+00	9.12E-11	1.07E-10	1.33E-05	2.78E-07	6.11E-03	0.00E+00	6.27E-02	1.37E-10	6.27E-02	7.98E-02	6.11E-03	0.00E+00	0.00E+00	3.22E-04
VS104TE	3.23E-04	1.46E-01	2.59E-02	1.18E-01	0.00E+00	0.00E+00	1.61E+00	1.56E-06	1.48E-04	9.32E-04	0.00E+00	2.71E-03	1.22E-08	3.61E-10	1.77E-02	2.96E-04	1.07E-02	2.21E-03	2.07E-04	4.91E-02	1.06E+00	0.00E+00	1.44E-09	1.89E-09	2.17E-04	5.71E-06	1.44E-01	0.00E+00	1.06E+00	2.68E-09	1.06E+00	1.22E+00	1.44E-01	0.00E+00	0.00E+00	8.98E-03
VS104TF	2.63E-04	1.14E-01	2.10E-02	9.55E-02	0.00E+00	0.00E+00	1.31E+00	1.27E-06	1.21E-04	7.56E-04	0.00E+00	2.21E-03	9.96E-09	2.93E-10	1.43E-02	2.41E-04	8.71E-03	2.11E-03	1.47E-04	3.96E-02	8.74E-01	0.00E+00	1.17E-09	1.53E-09	1.77E-04	4.61E-06	1.17E-01	0.00E+00	8.74E-01	2.17E-09	8.74E-01	9.91E-01	1.17E-01	0.00E+00	0.00E+00	7.17E-03
VS104TJ	2.27E-04	1.02E-01	1.82E-02	8.33E-02	0.00E+00	0.00E+00	1.14E+00	1.10E-06	1.05E-04	6.68E-04	0.00E+00	1.92E-03	8.66E-09	2.55E-10	1.25E-02	2.09E-04	7.77E-03	1.94E-03	1.46E-04	3.44E-02	7.61E-01	0.00E+00	1.02E-09	1.34E-09	1.54E-04	4.02E-06	1.02E-01	0.00E+00	7.61E-01	1.89E-09	7.61E-01	8.83E-01	1.02E-01	0.00E+00	0.00E+00	6.26E-03
VS104TM	3.24E-04	1.44E-01	2.59E-02	1.19E-01	0.00E+00	0.00E+00	1.61E+00	1.57E-06	1.49E-04	9.32E-04	0.00E+00	2.73E-03	1.23E-08	3.62E-10	1.77E-02	2.97E-04	1.07E-02	2.31E-03	2.09E-04	4.92E-02	1.06E+00	0.00E+00	1.45E-09	1.90E-09	2.18E-04	5.72E-06	1.45E-01	0.00E+00	1.06E+00	2.69E-09	1.06E+00	1.23E+00	1.45E-01	0.00E+00	0.00E+00	8.91E-03
VS104TR	3.59E-05	1.22E-02	3.33E-03	8.87E-03	0.00E+00	0.00E+00	2.02E-01	1.66E-07	1.81E-05	1.06E-04	0.00E+00	3.36E-04	1.58E-09	4.36E-11	1.24E-03	3.82E-05	1.14E-03	1.06E-03	1.40E-05	3.14E-03	1.17E-01	0.00E+00	1.71E-10	2.00E-10	2.50E-05	5.19E-07	1.52E-02	0.00E+00	1.17E-01	2.56E-10	1.17E-01	1.33E-01	1.52E-02	0.00E+00	0.00E+00	5.99E-04
VS108PD	9.05E-05	3.34E-02	7.99E-03	2.63E-02	0.00E+00	0.00E+00	4.37E-01	3.95E-07	3.98E-05	2.42E-04	0.00E+00	7.35E-04	3.37E-09	9.64E-11	3.86E-03	8.14E-05	2.85E-03	1.50E-03	2.46E-05	1.04E-02	2.75E															

VS118PT	5.89E-04	2.70E-01	4.78E-02	2.23E-01	0.00E+00	0.00E+00	2.90E-04	2.76E-04	1.74E-03	0.00E+00	5.06E-03	2.27E-08	6.72E-10	3.34E-02	5.90E-04	2.11E-02	4.58E-03	3.90E-04	9.27E-02	2.91E+00	0.00E+00	2.68E-09	3.53E-09	4.05E-04	1.07E-05	2.70E-01	0.00E+00	2.01E+00	5.03E-09	2.01E+00	2.28E+00	2.70E-01	0.00E+00	0.00E+00	0.00E+00	1.94E-02	
VS118PY	4.65E-04	2.03E-01	3.70E-02	1.64E-01	0.00E+00	0.00E+00	2.30E-04	2.22E-04	2.13E-04	1.33E-03	0.00E+00	3.90E-03	1.76E-08	5.17E-10	2.48E-02	4.25E-04	1.63E-02	2.89E-04	8.65E-02	1.53E+00	0.00E+00	2.06E-09	2.69E-09	3.10E-04	8.05E-06	2.06E-01	0.00E+00	1.53E+00	3.80E-09	1.53E+00	1.74E+00	2.05E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02	
VS118TA	5.75E-04	2.57E-01	4.84E-02	2.11E-01	0.00E+00	0.00E+00	2.89E-04	2.80E-04	2.67E-04	1.67E-03	0.00E+00	4.89E-03	2.20E-08	6.49E-10	3.15E-02	5.33E-04	1.89E-02	2.94E-03	3.69E-04	8.73E-02	1.93E+00	0.00E+00	2.59E-09	3.39E-09	3.90E-04	1.02E-05	2.59E-01	0.00E+00	1.93E+00	4.80E-09	1.93E+00	2.19E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	1.98E-02
VS118TD	5.75E-04	2.57E-01	4.84E-02	2.11E-01	0.00E+00	0.00E+00	2.89E-04	2.80E-04	2.67E-04	1.67E-03	0.00E+00	4.89E-03	2.20E-08	6.49E-10	3.15E-02	5.33E-04	1.89E-02	2.94E-03	3.69E-04	8.73E-02	1.93E+00	0.00E+00	2.59E-09	3.39E-09	3.90E-04	1.02E-05	2.59E-01	0.00E+00	1.93E+00	4.80E-09	1.93E+00	2.19E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	1.98E-02
VS118TES	5.74E-04	2.57E-01	4.86E-02	2.10E-01	0.00E+00	0.00E+00	2.90E-04	2.81E-04	2.68E-04	1.68E-03	0.00E+00	4.92E-03	2.22E-08	6.52E-10	3.14E-02	5.36E-04	1.89E-02	2.89E-03	3.68E-04	8.70E-02	1.94E+00	0.00E+00	2.60E-09	3.40E-09	3.92E-04	1.02E-05	2.59E-01	0.00E+00	1.94E+00	4.81E-09	1.94E+00	2.20E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	1.98E-02
VS118TF	4.18E-04	1.85E-01	3.38E-02	1.51E-01	0.00E+00	0.00E+00	2.11E-04	2.03E-04	1.94E-04	1.21E-03	0.00E+00	3.55E-03	1.61E-08	4.72E-10	2.28E-02	3.89E-04	1.39E-02	2.41E-03	2.94E-04	6.25E-02	1.40E+00	0.00E+00	1.88E-09	2.49E-09	2.84E-04	7.36E-06	1.87E-01	0.00E+00	1.40E+00	3.47E-09	1.40E+00	1.59E+00	1.87E-01	0.00E+00	0.00E+00	0.00E+00	1.13E-02
VS118TJ	4.80E-04	2.14E-01	3.99E-02	1.75E-01	0.00E+00	0.00E+00	2.42E-04	2.35E-04	2.23E-04	1.42E-03	0.00E+00	4.09E-03	1.94E-08	5.40E-10	2.61E-02	4.49E-04	1.59E-02	2.52E-03	3.76E-04	7.24E-02	1.61E+00	0.00E+00	2.16E-09	2.93E-09	3.29E-04	8.49E-06	2.16E-01	0.00E+00	1.61E+00	3.65E-09	1.61E+00	1.80E+00	2.16E-01	0.00E+00	0.00E+00	0.00E+00	1.31E-02
VS118TJ1	4.93E-04	2.19E-01	3.95E-02	1.59E-01	0.00E+00	0.00E+00	2.42E-04	2.33E-04	2.04E-04	1.28E-03	0.00E+00	4.74E-03	1.92E-08	5.49E-10	2.38E-02	4.08E-04	1.56E-02	2.59E-03	2.99E-04	6.58E-02	1.47E+00	0.00E+00	1.97E-09	2.58E-09	3.28E-04	7.73E-06	1.87E-01	0.00E+00	1.47E+00	3.05E-09	1.47E+00	1.67E+00	1.87E-01	0.00E+00	0.00E+00	0.00E+00	1.19E-02
VS118TM	5.01E-04	2.23E-01	4.05E-02	1.83E-01	0.00E+00	0.00E+00	2.52E-04	2.44E-04	2.33E-04	1.46E-03	0.00E+00	4.27E-03	1.92E-08	5.66E-10	2.73E-02	4.65E-04	1.65E-02	2.71E-03	3.19E-04	7.56E-02	1.68E+00	0.00E+00	2.05E-09	2.95E-09	3.40E-04	8.86E-06	2.25E-01	0.00E+00	1.68E+00	4.17E-09	1.68E+00	1.91E+00	2.25E-01	0.00E+00	0.00E+00	0.00E+00	1.37E-02
VS118TP	6.73E-04	2.57E-01	4.94E-02	2.11E-01	0.00E+00	0.00E+00	2.89E-04	2.80E-04	2.67E-04	1.67E-03	0.00E+00	4.89E-03	2.20E-08	6.49E-10	3.15E-02	5.33E-04	1.89E-02	2.94E-03	3.69E-04	8.73E-02	1.93E+00	0.00E+00	2.59E-09	3.39E-09	3.90E-04	1.02E-05	2.59E-01	0.00E+00	1.93E+00	4.80E-09	1.93E+00	2.19E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	1.98E-02
VS118TS	1.69E-05	6.64E-04	1.90E-03	1.24E-03	0.00E+00	0.00E+00	1.11E-01	5.96E-03	9.37E-06	4.62E-05	0.00E+00	1.80E-04	9.05E-10	2.30E-11	3.17E-04	2.19E-05	9.39E-04	1.17E-03	4.60E-06	1.35E-03	4.55E-02	0.00E+00	8.28E-11	7.10E-11	1.12E-05	8.25E-08	5.26E-03	0.00E+00	4.55E-02	5.69E-11	4.55E-02	5.07E-02	5.26E-03	0.00E+00	0.00E+00	0.00E+00	1.98E-04
VS122PF	4.43E-05	1.29E-02	3.97E-03	8.93E-03	0.00E+00	0.00E+00	2.40E-01	1.89E-07	2.13E-05	1.22E-04	0.00E+00	4.00E-04	1.89E-09	5.13E-11	1.21E-03	4.56E-05	2.05E-03	1.68E-03	1.34E-05	2.92E-03	1.34E-01	0.00E+00	2.00E-10	2.29E-10	3.90E-05	5.63E-07	1.72E-02	0.00E+00	1.34E-01	2.82E-10	1.34E-01	1.51E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	5.74E-04
VS122PD	1.64E-04	2.84E-01	5.14E-02	2.33E-01	0.00E+00	0.00E+00	3.20E-04	3.10E-04	2.95E-04	1.85E-03	0.00E+00	5.42E-03	2.44E-08	7.19E-10	3.48E-02	5.90E-04	2.11E-02	3.43E-03	4.07E-04	9.64E-02	2.14E+00	0.00E+00	2.86E-09	3.75E-09	4.32E-04	1.13E-05	2.86E-01	0.00E+00	2.14E+00	5.31E-09	2.14E+00	2.42E+00	2.86E-01	0.00E+00	0.00E+00	0.00E+00	1.75E-02
VS122PJ	1.72E-05	6.79E-04	1.87E-03	1.16E-03	0.00E+00	0.00E+00	1.08E-01	5.98E-03	9.02E-06	4.52E-05	0.00E+00	1.76E-04	8.97E-10	2.15E-11	3.07E-04	2.15E-05	1.17E-03	1.57E-03	4.46E-06	1.31E-02	4.47E-02	0.00E+00	8.12E-11	7.00E-11	1.10E-05	8.19E-08	5.17E-03	0.00E+00	4.47E-02	5.62E-11	4.47E-02	4.99E-02	5.17E-03	0.00E+00	0.00E+00	0.00E+00	1.92E-04
VS122PM	6.35E-04	2.84E-01	5.14E-02	2.33E-01	0.00E+00	0.00E+00	3.20E-04	3.10E-04	2.96E-04	1.85E-03	0.00E+00	5.42E-03	2.44E-08	7.19E-10	3.48E-02	5.90E-04	2.11E-02	3.43E-03	4.07E-04	9.64E-02	2.14E+00	0.00E+00	2.86E-09	3.75E-09	4.32E-04	1.13E-05	2.86E-01	0.00E+00	2.14E+00	5.31E-09	2.14E+00	2.42E+00	2.86E-01	0.00E+00	0.00E+00	0.00E+00	1.75E-02
VS122PP	7.31E-04	3.36E-01	5.93E-02	2.77E-01	0.00E+00	0.00E+00	3.70E-04	3.62E-04	3.43E-04	2.16E-03	0.00E+00	6.27E-03	2.82E-08	8.33E-10	4.15E-02	6.81E-04	2.63E-02	5.91E-03	4.86E-04	1.15E-01	2.50E+00	0.00E+00	3.33E-09	4.39E-09	5.03E-04	1.33E-05	3.35E-01	0.00E+00	2.50E+00	6.24E-09	2.50E+00	2.83E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	2.09E-02
VS122PS	7.30E-04	3.40E-01	5.99E-02	2.80E-01	0.00E+00	0.00E+00	3.74E-04	3.66E-04	3.46E-04	2.18E-03	0.00E+00	6.34E-03	2.82E-08	8.42E-10	4.19E-02	6.89E-04	2.67E-02	6.01E-03	4.91E-04	1.17E-01	2.52E+00	0.00E+00	3.36E-09	4.43E-09	5.09E-04	1.34E-05	3.39E-01	0.00E+00	2.52E+00	6.31E-09	2.52E+00	2.86E+00	3.39E-01	0.00E+00	0.00E+00	0.00E+00	2.11E-02
VS122PY	8.34E-04	2.84E-01	5.14E-02	2.33E-01	0.00E+00	0.00E+00	3.20E-04	3.10E-04	2.96E-04	1.85E-03	0.00E+00	5.42E-03	2.44E-08	7.19E-10	3.48E-02	5.90E-04	2.11E-02	3.43E-03	4.07E-04	9.64E-02	2.14E+00	0.00E+00	2.87E-09	3.75E-09	4.32E-04	1.13E-05	2.86E-01	0.00E+00	2.14E+00	5.31E-09	2.14E+00	2.42E+00	2.86E-01	0.00E+00	0.00E+00	0.00E+00	1.75E-02
VS122TA	6.36E-04	2.84E-01	5.13E-02	2.33E-01	0.00E+00	0.00E+00	3.19E-04	3.09E-04	2.95E-04	1.85E-03	0.00E+00	5.41E-03	2.44E-08	7.17E-10	3.48E-02	5.89E-04	2.09E-02	3.16E-03	4.07E-04	9.65E-02	2.14E+00	0.00E+00	2.86E-09	3.75E-09	4.32E-04	1.13E-05	2.86E-01	0.00E+00	2.14E+00	5.31E-09	2.14E+00	2.42E+00	2.86E-01	0.00E+00	0.00E+00	0.00E+00	1.75E-02
VS122TD	6.36E-04	2.84E-01	5.13E-02	2.33E-01	0.00E+00	0.00E+00	3.19E-04	3.09E-04	2.95E-04	1.85E-03	0.00E+00	5.41E-03	2.43E-08	7.17E-10	3.48E-02	5.89E-04	2.09E-02	3.16E-03	4.07E-04	9.65E-02	2.14E+00	0.00E+00	2.86E-09	3.75E-09	4.32E-04	1.13E-05	2.86E-01	0.00E+00	2.14E+00	5.31E-09	2.14E+00	2.42E+00	2.86E-01	0.00E+00	0.00E+00	0.00E+00	1.75E-02
VS122TF	6.36E-04	2.84E-01	5.13E-02	2.33E-01	0.00E+00	0.00E+00	3.19E-04	3.09E-04	2.95E-04	1.85E-03	0.00E+00	5.41E-03	2.43E-08	7.17E-10	3.48E-02	5.89E-04	2.09E-02	3.16E-03	4.07E-04	9.65E-02	2.14E+00	0.00E+00	2.86E-09	3.75E-09	4.32E-04	1.13E-05	2.86E-01	0.00E+00	2.14E+00	5.31E-09	2.14E+00	2.42E+00	2.86E-01	0.00E+00	0.00E+00	0.00E+00	1.75E-02
VS122TJ	4.86E-04	2.15E-01	3.92E-02	1.76E-01	0.00E+00	0.00E+00	2.44E-04	2.36E-04	2.25E-04	1.41E-03	0.00E+00	4.13E-03	1.86E-08	5.47E-10	2.63E-02	4.50E-04	1.60E-02	2.66E-03	3.07E-04	7.27E-02	1.63E+00	0.00E+00	2.18E-09	2.85E-09	3.29E-04	8.54E-06	2.17E-01	0.00E+00	1.63E+00	4.05E-09	1.63E+00	1.84E+00	2.17E-01	0.00E+00	0.00E+00	0.00E+00	1.30E-02
VS122TM	6.37E-04	2.84E-01	5.13E-02	2.33E-01	0.00E+00	0.00E+00	3.20E-04	3.09E-04	2.95E-04	1.85E-03	0.00E+00	5.41E-03	2.44E-08	7.19E-10	3.48E-02	5.89E-04	2.09E-02	3.20E-03	4.07E-04	9.65E-02	2.14E+00	0.00E+00	2.86E-09	3.75E-09	4.32E-04	1.13E-05	2.86E-01	0.00E+00	2.14E+00	5.31E-09	2.14E+00	2.42E+00	2.86E-01	0.00E+00	0.00E+00	0.00E+00	1.75E-02
VS122TP	6.36E-04	2.84E-01	5.13E-02	2.33E-01	0.00E+00	0.00E+00	3.19E-04	3.09E-04	2.95E-04	1.85E-03	0.00E+00	5.41E-03	2.44E-08	7.17E-10	3.48E-02	5.89E-04	2.09E-02	3.20E-03	4.07E-04	9.65E-02	2.14E+00	0.00E+00	2.86E-09	3.75E-09	4.32E-04	1.13E-05	2.86E-01	0.00E+00	2.14E+00	5.31E-09	2.14E+00	2.42E+00	2.86E-01	0.00E+00	0.00E+00	0.00E+00	1.75E-02
VS212PA	5.73E-04	2.57E-01	4.85E-02	2.11E-01	0.00E+00	0.00E+00	2.90E-04	2.80E-04	2.67E-04	1.67E-03	0.00E+00	4.90E-03	2.21E-08	6.50E-10	3.15E-02	5.34E-04	1.92E-02	2.95E-03	3.68E-04	8.72E-02	1.93E+00	0.00E+00	2.59E-09	3.39E-09	3.91E-04	1.02E-05	2.59E-01	0.00E+00	1.93E+00	4.80E-09	1.93E+00	2.19E+00	2.59E-01	0.00E+00	0.00E+00		

VS312PP	7.63E-04	3.47E-01	6.35E-02	2.84E-01	0.00E+00	0.00E+00	3.77E-08	3.60E-04	2.55E-03	0.00E+00	6.89E-03	2.97E-08	8.74E-10	4.25E-02	7.18E-04	2.59E-02	4.19E-03	4.97E-04	1.18E-01	2.60E+00	0.00E+00	3.49E-09	4.57E-09	5.26E-04	1.37E-05	3.49E-01	0.00E+00	2.90E+00	6.47E-09	2.60E+00	2.95E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02	
VS312PR	8.34E-04	3.82E-01	6.77E-02	3.15E-01	0.00E+00	0.00E+00	4.22E+00	4.12E-08	3.91E-04	2.46E-03	0.00E+00	7.15E-03	3.21E-08	9.50E-10	4.71E-02	7.77E-04	2.74E-02	2.96E-03	5.52E-04	1.31E-01	2.84E+00	0.00E+00	3.79E-09	5.00E-09	5.73E-04	1.51E-05	3.81E-01	0.00E+00	2.84E+00	7.11E-09	2.84E+00	3.22E+00	3.81E-01	0.00E+00	0.00E+00	0.00E+00	2.37E-02
VS312PS	7.59E-04	3.45E-01	6.21E-02	2.83E-01	0.00E+00	0.00E+00	3.87E+00	3.75E-08	3.58E-04	2.24E-03	0.00E+00	6.56E-03	2.95E-08	8.70E-10	4.23E-02	7.14E-04	2.58E-02	4.19E-03	4.95E-04	1.17E-01	2.59E+00	0.00E+00	3.47E-09	4.55E-09	5.23E-04	1.37E-05	3.47E-01	0.00E+00	2.59E+00	6.44E-09	2.59E+00	2.94E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	2.12E-02
VS312PT	7.12E-04	3.25E-01	5.81E-02	2.67E-01	0.00E+00	0.00E+00	3.62E+00	3.52E-08	3.32E-04	2.10E-03	0.00E+00	6.14E-03	2.78E-08	8.14E-10	4.00E-02	6.67E-04	2.48E-02	4.70E-03	4.68E-04	1.11E-01	2.43E+00	0.00E+00	3.25E-09	4.27E-09	4.91E-04	1.29E-05	3.26E-01	0.00E+00	2.43E+00	6.02E-09	2.43E+00	2.76E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
VS312PA	7.18E-04	3.25E-01	5.85E-02	2.66E-01	0.00E+00	0.00E+00	3.64E+00	3.53E-08	3.37E-04	2.11E-03	0.00E+00	6.17E-03	2.78E-08	8.18E-10	3.98E-02	6.72E-04	2.41E-02	3.75E-03	4.68E-04	1.10E-01	2.44E+00	0.00E+00	3.28E-09	4.28E-09	4.92E-04	1.29E-05	3.27E-01	0.00E+00	2.44E+00	6.06E-09	2.44E+00	2.76E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	2.00E-02
VS312TA	7.20E-04	3.25E-01	5.83E-02	2.67E-01	0.00E+00	0.00E+00	3.63E+00	3.53E-08	3.36E-04	2.11E-03	0.00E+00	6.15E-03	2.77E-08	8.17E-10	3.99E-02	6.70E-04	2.39E-02	3.23E-03	4.67E-04	1.11E-01	2.43E+00	0.00E+00	3.28E-09	4.27E-09	4.92E-04	1.29E-05	3.26E-01	0.00E+00	2.43E+00	6.06E-09	2.43E+00	2.76E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	2.00E-02
VS312TD	6.95E-04	3.17E-01	5.69E-02	2.60E-01	0.00E+00	0.00E+00	3.54E+00	3.40E-08	3.27E-04	2.05E-03	0.00E+00	6.00E-03	2.70E-08	7.95E-10	3.89E-02	6.53E-04	2.39E-02	4.19E-03	4.55E-04	1.08E-01	2.37E+00	0.00E+00	3.17E-09	4.19E-09	4.79E-04	1.25E-05	3.16E-01	0.00E+00	2.37E+00	5.91E-09	2.37E+00	2.69E+00	3.16E-01	0.00E+00	0.00E+00	0.00E+00	1.95E-02
VS312TE	7.19E-04	3.25E-01	5.80E-02	2.67E-01	0.00E+00	0.00E+00	3.61E+00	3.52E-08	3.34E-04	2.10E-03	0.00E+00	6.12E-03	2.76E-08	8.13E-10	4.00E-02	6.66E-04	2.23E-02	3.30E-03	4.68E-04	1.11E-01	2.43E+00	0.00E+00	3.24E-09	4.28E-09	4.90E-04	1.29E-05	3.25E-01	0.00E+00	2.43E+00	6.02E-09	2.43E+00	2.75E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
VS312TF	6.67E-04	3.01E-01	5.41E-02	2.47E-01	0.00E+00	0.00E+00	3.37E+00	3.27E-08	3.11E-04	1.95E-03	0.00E+00	5.70E-03	2.57E-08	7.57E-10	3.69E-02	6.21E-04	2.22E-02	3.03E-03	4.31E-04	1.03E-01	2.25E+00	0.00E+00	3.02E-09	3.98E-09	4.55E-04	1.19E-05	3.02E-01	0.00E+00	2.25E+00	5.61E-09	2.25E+00	2.58E+00	3.02E-01	0.00E+00	0.00E+00	0.00E+00	1.85E-02
VS312TJ	3.78E-04	1.68E-01	3.09E-02	1.37E-01	0.00E+00	0.00E+00	1.92E+00	1.84E-08	1.77E-04	1.10E-03	0.00E+00	3.25E-03	1.47E-08	4.30E-10	2.04E-02	3.54E-04	1.28E-02	2.22E-03	2.39E-04	5.64E-02	1.27E+00	0.00E+00	1.71E-09	2.22E-09	2.58E-04	6.66E-06	1.70E-01	0.00E+00	1.27E+00	3.15E-09	1.27E+00	1.44E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	1.02E-02
VS312TM	5.28E-04	2.37E-01	4.29E-02	1.94E-01	0.00E+00	0.00E+00	2.67E+00	2.58E-08	2.47E-04	1.55E-03	0.00E+00	4.53E-03	2.04E-08	6.00E-10	2.90E-02	4.93E-04	1.78E-02	2.67E-03	3.39E-04	8.02E-02	1.78E+00	0.00E+00	2.39E-09	3.13E-09	3.61E-04	9.36E-06	2.39E-01	0.00E+00	1.78E+00	4.43E-09	1.78E+00	2.02E+00	2.39E-01	0.00E+00	0.00E+00	0.00E+00	1.45E-02
VS312TP	7.20E-04	3.25E-01	5.83E-02	2.67E-01	0.00E+00	0.00E+00	3.64E+00	3.53E-08	3.36E-04	2.11E-03	0.00E+00	6.16E-03	2.77E-08	8.17E-10	3.99E-02	6.70E-04	2.39E-02	3.23E-03	4.67E-04	1.11E-01	2.43E+00	0.00E+00	3.28E-09	4.27E-09	4.92E-04	1.29E-05	3.26E-01	0.00E+00	2.43E+00	6.06E-09	2.43E+00	2.76E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	2.00E-02
VS312TR	7.04E-04	3.22E-01	5.73E-02	2.65E-01	0.00E+00	0.00E+00	3.57E+00	3.48E-08	3.30E-04	2.08E-03	0.00E+00	6.05E-03	2.72E-08	8.03E-10	3.97E-02	6.58E-04	2.32E-02	2.59E-03	4.65E-04	1.10E-01	2.40E+00	0.00E+00	3.21E-09	4.22E-09	4.84E-04	1.28E-05	3.23E-01	0.00E+00	2.40E+00	6.00E-09	2.40E+00	2.72E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	2.00E-02
VS312TY	7.20E-04	3.25E-01	5.80E-02	2.67E-01	0.00E+00	0.00E+00	3.64E+00	3.53E-08	3.34E-04	2.10E-03	0.00E+00	6.16E-03	2.77E-08	8.17E-10	3.99E-02	6.71E-04	2.37E-02	3.36E-03	4.68E-04	1.11E-01	2.43E+00	0.00E+00	3.28E-09	4.28E-09	4.92E-04	1.29E-05	3.26E-01	0.00E+00	2.43E+00	6.06E-09	2.43E+00	2.75E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	2.00E-02
VS318PA	8.93E-04	4.06E-01	7.27E-02	3.34E-01	0.00E+00	0.00E+00	4.53E+00	4.40E-08	4.19E-04	2.63E-03	0.00E+00	7.67E-03	3.45E-08	1.10E-09	4.99E-02	8.35E-04	3.14E-02	5.65E-03	5.84E-04	1.36E-01	3.04E+00	0.00E+00	4.08E-09	5.34E-09	6.13E-04	1.61E-05	4.07E-01	0.00E+00	3.04E+00	7.57E-09	3.04E+00	3.45E-01	4.07E-01	0.00E+00	0.00E+00	0.00E+00	2.51E-02
VS318PD	9.50E-04	4.33E-01	7.78E-02	3.55E-01	0.00E+00	0.00E+00	4.84E+00	4.70E-08	4.47E-04	2.80E-03	0.00E+00	8.19E-03	3.69E-08	1.10E-09	5.20E-02	8.92E-04	3.27E-02	5.80E-03	6.22E-04	1.47E-01	3.24E+00	0.00E+00	4.33E-09	5.69E-09	6.55E-04	1.71E-05	4.34E-01	0.00E+00	3.24E+00	8.07E-09	3.24E+00	3.68E+00	4.34E-01	0.00E+00	0.00E+00	0.00E+00	2.67E-02
VS318PES	1.02E-03	4.44E-01	8.35E-02	3.81E-01	0.00E+00	0.00E+00	5.20E+00	5.05E-08	4.81E-04	3.01E-03	0.00E+00	8.81E-03	3.97E-08	1.17E-09	5.70E-02	9.60E-04	3.48E-02	5.80E-03	6.66E-04	1.58E-01	3.48E+00	0.00E+00	4.66E-09	6.12E-09	7.04E-04	1.84E-05	4.67E-01	0.00E+00	3.48E+00	8.67E-09	3.48E+00	3.95E+00	4.67E-01	0.00E+00	0.00E+00	0.00E+00	2.86E-02
VS318PF	8.98E-04	4.06E-01	7.31E-02	3.36E-01	0.00E+00	0.00E+00	4.56E+00	4.43E-08	4.23E-04	2.65E-03	0.00E+00	7.72E-03	3.47E-08	1.02E-09	5.03E-02	8.40E-04	3.17E-02	5.56E-03	5.88E-04	1.36E-01	3.06E+00	0.00E+00	4.08E-09	5.37E-09	6.17E-04	1.62E-05	4.10E-01	0.00E+00	3.06E+00	7.62E-09	3.06E+00	3.47E+00	4.10E-01	0.00E+00	0.00E+00	0.00E+00	2.53E-02
VS318PJ	1.04E-03	4.61E-01	1.88E-03	1.18E-03	0.00E+00	0.00E+00	1.08E-01	5.84E-05	9.07E-05	4.52E-05	0.00E+00	1.76E-04	8.84E-10	2.15E-11	3.05E-04	2.14E-05	2.91E-03	2.85E-03	4.43E-06	1.31E-03	4.46E-02	0.00E+00	8.10E-11	6.98E-11	1.10E-05	8.18E-08	5.16E-03	0.00E+00	4.46E-02	5.61E-11	4.46E-02	4.97E-02	5.16E-03	0.00E+00	0.00E+00	0.00E+00	1.91E-04
VS318PM	8.04E-04	3.86E-01	6.98E-02	3.00E-01	0.00E+00	0.00E+00	4.09E+00	3.97E-08	3.78E-04	2.37E-03	0.00E+00	6.93E-03	3.12E-08	9.19E-10	4.49E-02	7.54E-04	2.78E-02	4.44E-03	5.25E-04	1.24E-01	2.74E+00	0.00E+00	3.86E-09	4.91E-09	5.53E-04	1.45E-05	3.67E-01	0.00E+00	2.74E+00	6.52E-09	2.74E+00	3.11E+00	3.67E-01	0.00E+00	0.00E+00	0.00E+00	2.25E-02
VS318PP	1.02E-03	4.46E-01	8.37E-02	3.82E-01	0.00E+00	0.00E+00	5.20E+00	5.06E-08	4.82E-04	3.02E-03	0.00E+00	8.84E-03	3.98E-08	1.17E-09	5.71E-02	9.62E-04	3.49E-02	5.80E-03	6.68E-04	1.58E-01	3.48E+00	0.00E+00	4.67E-09	6.13E-09	7.06E-04	1.84E-05	4.68E-01	0.00E+00	3.48E+00	8.69E-09	3.48E+00	3.96E+00	4.68E-01	0.00E+00	0.00E+00	0.00E+00	2.87E-02
VS318PS	1.02E-03	4.46E-01	8.37E-02	3.82E-01	0.00E+00	0.00E+00	5.22E+00	5.06E-08	4.82E-04	3.02E-03	0.00E+00	8.84E-03	3.98E-08	1.17E-09	5.71E-02	9.62E-04	3.49E-02	5.80E-03	6.68E-04	1.58E-01	3.48E+00	0.00E+00	4.67E-09	6.13E-09	7.05E-04	1.84E-05	4.68E-01	0.00E+00	3.48E+00	8.69E-09	3.48E+00	3.96E+00	4.68E-01	0.00E+00	0.00E+00	0.00E+00	2.87E-02
VS318PT	9.65E-04	4.40E-01	7.89E-02	3.61E-01	0.00E+00	0.00E+00	4.92E+00	4.77E-08	4.54E-04	2.85E-03	0.00E+00	8.33E-03	3.75E-08	1.10E-09	5.40E-02	9.08E-04	3.32E-02	5.80E-03	6.31E-04	1.50E-01	3.29E+00	0.00E+00	4.41E-09	5.78E-09	6.65E-04	1.74E-05	4.41E-01	0.00E+00	3.29E+00	8.20E-09	3.29E+00	3.74E+00	4.41E-01	0.00E+00	0.00E+00	0.00E+00	2.71E-02
VS318PY	8.92E-04	4.06E-01	7.27E-02	3.34E-01	0.00E+00	0.00E+00	4.53E+00	4.41E-08	4.19E-04	2.63E-03	0.00E+00	7.68E-03	3.45E-08	1.02E-09	4.99E-02	8.35E-04	3.13E-02	5.56E-03	5.84E-04	1.36E-01	3.04E+00	0.00E+00	4.08E-09	5.34E-09	6.14E-04	1.61E-05	4.07E-01	0.00E+00	3.04E+00	7.57E-09	3.04E+00	3.45E+00	4.07E-01	0.00E+00	0.00E+00	0.00E+00	2.51E-02
VS318TA	8.98E-04	4.06E-01	7.35E-02	3.34E-01	0.00E+00	0.00E+00	4.52E+00	4.40E-08	4.18E-04	2.63E-03	0.00E+00	7.66E-03	3.45E-08	1.02E-09	5.00E-02	8.33E-04	3.09E-02	5.10E-03	5.85E-04	1.36E-01	3.04E+00	0.00E+00	4.08E-09	5.33E-09	6.13E-04	1.61E-05	4.07E-01	0.00E+00	3.04E+00	7.57E-09	3.04E+00	3.44E+00	4.07E-01	0.00E+00	0		

VU12ET	1.24E-05	1.12E-03	8.95E-04	3.15E-04	0.00E+00	0.00E+00	2.96E-03	4.06E-08	2.14E-05	0.00E+00	7.78E-05	8.83E-10	9.70E-12	2.47E-06	9.29E-06	8.85E-04	7.65E-04	2.72E-07	1.53E-04	2.21E-02	0.00E+00	3.70E-11	3.59E-11	5.16E-06	6.34E-08	2.68E-03	0.00E+00	2.21E-02	3.60E-11	2.21E-02	2.48E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.18E-05		
VU12IE	7.66E-04	3.23E-01	6.41E-02	2.58E-01	0.00E+00	0.00E+00	3.97E+00	3.68E-03	3.63E-04	2.24E-03	0.00E+00	6.69E-03	3.05E-08	8.82E-10	3.82E-02	7.37E-04	2.01E-02	1.42E-03	4.44E-04	1.04E-01	2.58E+00	0.00E+00	3.50E-09	4.46E-09	5.24E-04	1.30E-05	3.40E-01	0.00E+00	2.68E+00	6.17E-09	2.56E+00	2.00E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	1.91E-02	
VU12LN	1.03E-03	4.56E-01	8.58E-02	3.70E-01	0.00E+00	0.00E+00	5.33E+00	5.06E-04	4.90E-04	3.05E-03	0.00E+00	9.01E-03	4.08E-08	1.19E-09	5.50E-02	9.88E-04	3.04E-02	0.00E+00	6.42E-04	1.51E-01	3.51E+00	0.00E+00	4.74E-09	6.13E-09	7.12E-04	1.82E-05	4.88E-01	0.00E+00	3.51E+00	8.60E-09	3.51E+00	3.97E+00	4.68E-01	0.00E+00	0.00E+00	0.00E+00	2.75E-02	
VU12NA	3.39E-04	1.50E-01	2.83E-02	1.22E-01	0.00E+00	0.00E+00	1.76E+00	1.67E-04	1.62E-04	1.00E-03	0.00E+00	2.97E-03	1.34E-08	3.93E-10	1.81E-02	3.25E-04	1.00E-02	0.00E+00	2.11E-04	4.99E-02	1.16E+00	0.00E+00	1.56E-09	2.02E-09	3.25E-04	5.99E-06	1.54E-01	0.00E+00	1.16E+00	2.83E-01	1.16E+00	1.31E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	9.08E-03	
VU12NC	3.39E-04	1.50E-01	2.83E-02	1.22E-01	0.00E+00	0.00E+00	1.76E+00	1.67E-04	1.62E-04	1.00E-03	0.00E+00	2.97E-03	1.34E-08	3.93E-10	1.81E-02	3.25E-04	1.00E-02	0.00E+00	2.11E-04	4.99E-02	1.16E+00	0.00E+00	1.56E-09	2.02E-09	3.25E-04	5.99E-06	1.54E-01	0.00E+00	1.16E+00	2.83E-01	1.16E+00	1.31E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	9.08E-03	
VU12ND	3.39E-04	1.50E-01	2.83E-02	1.22E-01	0.00E+00	0.00E+00	1.76E+00	1.67E-04	1.62E-04	1.00E-03	0.00E+00	2.97E-03	1.34E-08	3.93E-10	1.81E-02	3.25E-04	1.00E-02	0.00E+00	2.11E-04	4.99E-02	1.16E+00	0.00E+00	1.56E-09	2.02E-09	3.25E-04	5.99E-06	1.54E-01	0.00E+00	1.16E+00	2.83E-01	1.16E+00	1.31E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	9.08E-03	
VU12NE	3.23E-04	1.43E-01	2.70E-02	1.16E-01	0.00E+00	0.00E+00	1.68E+00	1.59E-04	1.54E-04	9.62E-04	0.00E+00	2.84E-03	1.28E-08	7.95E-10	1.73E-02	3.10E-04	9.57E-03	0.00E+00	2.02E-04	4.77E-02	1.10E+00	0.00E+00	1.49E-09	1.93E-09	2.24E-04	5.72E-06	1.47E-01	0.00E+00	1.10E+00	2.71E-01	1.10E+00	1.25E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	8.67E-03	
VU12NG	7.07E-04	3.00E-01	5.80E-02	2.38E-01	0.00E+00	0.00E+00	3.56E+00	3.38E-03	3.26E-03	2.03E-03	0.00E+00	6.00E-03	2.84E-08	7.36E-10	3.52E-02	6.86E-04	1.81E-02	3.84E-04	2.10E-04	6.84E-02	2.38E+00	0.00E+00	3.19E-09	4.06E-09	4.76E-04	1.19E-05	3.10E-01	0.00E+00	2.38E+00	5.45E-09	2.38E+00	2.64E+00	3.10E-01	0.00E+00	0.00E+00	0.00E+00	1.76E-02	
VU12NK	3.46E-06	7.73E-04	1.64E-03	8.70E-04	0.00E+00	0.00E+00	9.55E-02	5.25E-08	8.04E-06	4.03E-05	0.00E+00	1.56E-04	7.81E-10	1.91E-11	2.41E-04	1.89E-05	3.78E-04	3.67E-06	1.07E-03	3.99E-02	0.00E+00	7.19E-11	6.28E-11	9.80E-06	7.80E-08	4.65E-03	0.00E+00	3.99E-02	5.19E-11	3.99E-02	4.48E-02	4.65E-03	0.00E+00	0.00E+00	0.00E+00	1.54E-04		
VU12NN	6.48E-04	2.55E-01	4.52E-02	2.10E-01	0.00E+00	0.00E+00	2.62E+00	2.75E-04	2.61E-04	1.64E-03	0.00E+00	4.77E-03	2.14E-08	6.34E-10	3.14E-02	5.19E-04	1.80E-02	1.08E-03	3.68E-04	8.72E-02	1.90E+00	0.00E+00	2.53E-09	3.33E-09	3.62E-04	1.01E-05	2.54E-01	0.00E+00	1.90E+00	4.74E-09	1.90E+00	2.15E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02	
VU12NP	6.65E-04	2.82E-01	5.58E-02	2.27E-01	0.00E+00	0.00E+00	3.45E+00	3.22E-04	3.16E-04	1.95E-03	0.00E+00	6.83E-03	2.65E-08	7.68E-10	3.35E-02	6.41E-04	1.79E-02	1.73E-03	3.90E-04	9.16E-02	2.23E+00	0.00E+00	3.05E-09	3.89E-09	4.57E-04	1.13E-05	2.97E-01	0.00E+00	2.23E+00	5.39E-09	2.23E+00	2.53E+00	2.97E-01	0.00E+00	0.00E+00	0.00E+00	1.67E-02	
VU12NR	3.51E-04	1.63E-01	2.87E-02	1.34E-01	0.00E+00	0.00E+00	1.79E+00	1.75E-04	1.66E-04	1.04E-03	0.00E+00	3.04E-03	1.36E-08	4.04E-10	2.01E-02	3.30E-04	1.17E-02	3.02E-04	2.35E-04	5.58E-02	1.21E+00	0.00E+00	1.61E-09	2.12E-09	3.43E-04	6.43E-06	1.62E-01	0.00E+00	1.21E+00	3.02E-01	1.21E+00	1.37E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	1.01E-02	
VU12NSG	6.80E-04	2.82E-01	5.17E-02	2.24E-01	0.00E+00	0.00E+00	3.55E+00	3.22E-03	3.25E-04	1.99E-03	0.00E+00	5.99E-03	2.73E-08	1.67E-10	3.30E-02	6.61E-04	1.71E-02	1.66E-03	3.83E-04	8.97E-02	2.27E+00	0.00E+00	3.12E-09	3.95E-09	4.66E-04	1.14E-05	3.01E-01	0.00E+00	2.27E+00	5.43E-09	2.27E+00	2.57E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.64E-02	
VU12UA	1.43E-04	6.79E-02	1.15E-02	6.62E-02	0.00E+00	0.00E+00	7.28E-01	3.20E-07	6.77E-05	4.28E-04	0.00E+00	4.64E-03	1.65E-08	4.42E-10	1.34E-04	8.29E-03	3.76E-04	9.91E-05	2.36E-04	4.97E-01	0.00E+00	6.58E-10	8.75E-10	3.86E-06	6.89E-02	0.00E+00	0.00E+00	0.00E+00	2.97E+00	1.25E-01	4.97E-01	5.84E-01	6.89E-02	0.00E+00	0.00E+00	0.00E+00	4.36E-03	
VU24EP	4.13E-04	1.83E-01	3.45E-02	1.49E-01	0.00E+00	0.00E+00	2.14E+00	2.04E-04	1.97E-04	1.23E-03	0.00E+00	3.62E-03	1.64E-08	4.79E-10	2.21E-02	3.96E-04	1.22E-02	0.00E+00	2.58E-04	6.09E-02	1.41E+00	0.00E+00	1.91E-09	2.47E-09	2.87E-04	7.31E-06	1.88E-01	0.00E+00	1.41E+00	3.46E-09	1.41E+00	1.60E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	1.11E-02	
VU24ET	3.56E-04	1.52E-01	2.87E-02	1.24E-01	0.00E+00	0.00E+00	1.78E+00	1.70E-04	1.64E-04	1.02E-03	0.00E+00	3.02E-03	1.37E-08	3.99E-10	1.84E-02	3.30E-04	6.38E-03	1.71E-03	2.15E-04	5.07E-02	1.17E+00	0.00E+00	1.59E-09	2.05E-09	2.39E-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	
VU24IE	1.03E-03	4.37E-01	8.55E-02	3.52E-01	0.00E+00	0.00E+00	5.29E+00	4.95E-04	4.86E-04	3.00E-03	0.00E+00	8.94E-03	4.05E-08	1.16E-09	5.21E-02	9.62E-04	2.76E-02	1.83E-03	6.06E-04	1.43E-01	3.44E+00	0.00E+00	4.68E-09	6.03E-09	7.02E-04	1.75E-05	4.57E-01	0.00E+00	3.44E+00	8.33E-09	3.44E+00	3.89E+00	4.57E-01	0.00E+00	0.00E+00	0.00E+00	2.60E-02	
VU24LN	1.27E-03	5.62E-01	1.06E-01	4.66E-01	0.00E+00	0.00E+00	6.57E+00	6.25E-04	6.05E-04	3.78E-03	0.00E+00	1.11E-02	5.03E-08	1.47E-09	6.79E-02	1.22E-03	3.75E-02	9.84E-06	7.92E-04	1.87E-01	4.38E+00	0.00E+00	5.85E-09	7.57E-09	8.79E-04	2.24E-05	5.77E-01	0.00E+00	4.38E+00	1.06E-08	4.38E+00	4.90E+00	5.77E-01	0.00E+00	0.00E+00	0.00E+00	3.40E-02	
VU24NA	4.13E-04	1.83E-01	3.45E-02	1.49E-01	0.00E+00	0.00E+00	2.14E+00	2.04E-04	1.97E-04	1.23E-03	0.00E+00	3.62E-03	1.64E-08	4.79E-10	2.21E-02	3.96E-04	1.22E-02	0.00E+00	2.58E-04	6.09E-02	1.41E+00	0.00E+00	1.91E-09	2.47E-09	2.87E-04	7.31E-06	1.88E-01	0.00E+00	1.41E+00	3.46E-09	1.41E+00	1.60E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	1.11E-02	
VU24NC	6.92E-08	4.67E-04	2.98E-03	1.91E-03	0.00E+00	0.00E+00	1.38E-01	7.23E-09	1.15E-05	5.86E-05	0.00E+00	2.24E-04	1.13E-09	2.73E-11	4.55E-04	2.72E-05	4.95E-04	1.66E-03	6.47E-09	1.87E-03	5.53E-02	0.00E+00	1.02E-10	8.64E-11	1.39E-05	9.08E-08	6.37E-03	0.00E+00	5.53E-02	6.59E-11	5.53E-02	6.19E-02	6.37E-03	0.00E+00	0.00E+00	0.00E+00	2.78E-04	
VU24NCT	3.03E-04	1.35E-01	2.46E-02	1.10E-01	0.00E+00	0.00E+00	1.54E+00	1.48E-04	1.43E-04	8.92E-04	0.00E+00	2.62E-03	1.16E-08	3.47E-10	1.64E-02	2.86E-04	9.49E-03	1.92E-04	4.54E-02	1.03E+00	0.00E+00	1.38E-09	1.80E-09	2.08E-04	5.37E-06	1.37E-01	0.00E+00	1.03E+00	2.47E-09	1.03E+00	1.17E+00	1.37E+00	1.60E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	8.34E-03
VU24ND	4.13E-04	1.83E-01	3.45E-02	1.49E-01	0.00E+00	0.00E+00	2.14E+00	2.04E-04	1.97E-04	1.23E-03	0.00E+00	3.62E-03	1.64E-08	4.79E-10	2.21E-02	3.96E-04	1.22E-02	0.00E+00	2.58E-04	6.09E-02	1.41E+00	0.00E+00	1.91E-09	2.47E-09	2.87E-04	7.31E-06	1.88E-01	0.00E+00	1.41E+00	3.46E-09	1.41E+00	1.60E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	1.11E-02	
VU24NE	6.23E-04	2.35E-01	4.38E-02	1.91E-01	0.00E+00	0.00E+00	2.72E+00	2.60E-04	2.51E-04	1.56E-03	0.00E+00	4.61E-03	2.08E-08	6.09E-10	2.85E-02	5.03E-04	1.56E-02	2.98E-04	3.32E-04	7.85E-02	1.80E+00	0.00E+00	2.43E-09	3.15E-09	3.65E-04	9.36E-06	2.40E-01	0.00E+00	1.80E+00	4.42E-09	1.80E+00	2.04E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	1.43E-02	
VU24NG	1.04E-03	4.37E-01	8.52E-02	3.52E-01	0.00E+00	0.00E+00	5.28E+00	4.95E-04	4.82E-04	2.99E-03	0.00E+00	8.92E-03	4.05E-08	1.16E-09	5.22E-02	9.79E-04	2.80E-02	1.06E-05	6.07E-04	1.43E-01	3.43E+00	0.00E+00	4.67E-09	5.99E-09	7.02E-04	1.75E-05	4.56E-01	0.00E+00	3.43E+00	8.33E-09	3.43E+00	3.89E+00	4.56E-01	0.00E+00	0.00E+00	0.00E+00	2.61E-02	
VU24NH	7.57E-04	3.45E-01	6.30E-02	2.82E-01	0.00E+00	0.00E+00	3.02E+00	3.78E-04	3.62E-04	2.28E-03	0.00E+00	6.84E-03	2.99E-08	8.79E-10	4.21E-02	7.24E-04	2.34E-02	1.04E-03	4.92E-04	1.16E-01	2.61E+00	0.00E+00	3.50E-09	4.58E-09	5.28E-04	1.37E-05	3.49E-01	0.00E+00	2.61E+00	6.46E-09	2.61E+00	2.96E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00		

VU48UA	1.06E-05	1.20E-03	6.91E-04	6.04E-04	0.00E+00	0.00E+00	3.57E-02	2.44E-08	3.09E-08	1.88E-05	0.00E+00	5.88E-05	2.85E-10	7.41E-12	6.20E-05	6.90E-08	5.90E-04	1.78E-03	5.33E-07	6.88E-05	1.78E-02	0.00E+00	2.85E-11	2.93E-11	4.03E-08	5.98E-08	2.20E-03	0.00E+00	1.78E-02	3.21E-11	1.78E-02	2.90E-02	2.20E-03	0.00E+00	0.00E+00	0.00E+00	2.38E-05
VU48WWH	1.50E-03	6.96E-01	1.22E-01	5.74E-01	0.00E+00	0.00E+00	7.63E+00	7.47E-08	7.06E-04	4.45E-03	0.00E+00	1.26E-02	5.80E-08	1.72E-09	8.00E-02	1.40E-03	5.23E-02	8.29E-03	1.01E-03	2.35E-01	5.15E+00	0.00E+00	6.86E-09	9.06E-09	1.04E-03	2.76E-05	6.91E-01	0.00E+00	5.15E+00	1.26E-08	5.15E+00	5.84E+00	9.91E-01	0.00E+00	0.00E+00	4.32E-02	
VU48WVW	1.78E-04	1.22E-01	2.21E-02	9.96E-02	0.00E+00	0.00E+00	1.38E+00	1.33E-04	1.27E-04	7.96E-04	0.00E+00	2.33E-03	1.05E-08	3.09E-10	1.49E-02	2.54E-04	2.19E-02	5.15E-03	1.74E-04	4.12E-02	9.19E-01	0.00E+00	1.23E-09	1.61E-09	1.86E-04	4.83E-04	1.23E-01	0.00E+00	9.19E-01	2.28E-09	9.19E-01	1.04E+00	1.23E-01	0.00E+00	0.00E+00	7.47E-03	
VU601PLH	6.93E-04	3.17E-01	5.86E-02	2.60E-01	0.00E+00	0.00E+00	3.53E+00	3.43E-08	3.29E-04	2.02E-03	0.00E+00	5.97E-03	2.69E-08	7.93E-10	3.90E-02	6.50E-04	3.42E-02	4.60E-03	4.56E-04	1.08E-01	2.37E+00	0.00E+00	3.16E-09	4.16E-09	4.78E-04	1.25E-05	3.17E-01	0.00E+00	2.37E+00	5.90E-09	2.37E+00	2.68E+00	3.17E-01	0.00E+00	0.00E+00	1.96E-02	
VU602NWH	1.17E-04	3.70E-02	8.91E-03	2.81E-02	0.00E+00	0.00E+00	5.45E-01	4.68E-08	4.92E-05	2.93E-04	0.00E+00	1.13E-04	4.23E-08	1.19E-10	4.04E-03	1.02E-04	3.76E-03	9.48E-04	4.81E-05	1.06E-02	3.26E-01	0.00E+00	4.68E-10	5.69E-10	8.90E-05	1.54E-06	4.30E-02	0.00E+00	3.26E-01	7.47E-10	3.26E-01	3.72E-01	3.30E-02	0.00E+00	0.00E+00	1.98E-03	
VU602VWH	2.86E-04	1.22E-01	2.24E-02	9.93E-02	0.00E+00	0.00E+00	1.39E+00	1.34E-08	1.28E-04	8.02E-04	0.00E+00	2.36E-03	1.06E-08	3.12E-10	1.48E-02	2.57E-04	1.23E-02	5.01E-03	1.73E-04	4.09E-02	9.24E-01	0.00E+00	1.24E-09	1.62E-09	1.87E-04	4.84E-04	1.24E-01	0.00E+00	9.24E-01	2.28E-09	9.24E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	7.43E-03	
VU603NWH	6.93E-04	3.82E-01	6.87E-02	3.13E-01	0.00E+00	0.00E+00	4.28E+00	4.15E-08	3.95E-04	2.48E-03	0.00E+00	7.25E-03	3.27E-08	9.02E-10	4.69E-02	7.90E-04	2.85E-02	4.61E-03	4.57E-04	1.30E-01	2.87E+00	0.00E+00	3.84E-09	5.03E-09	5.79E-04	1.51E-05	3.84E-01	0.00E+00	2.87E+00	7.12E-09	2.87E+00	3.25E+00	3.84E-01	0.00E+00	0.00E+00	2.35E-02	
VU603PLH	6.93E-04	3.76E-01	5.96E-02	2.60E-01	0.00E+00	0.00E+00	3.53E+00	3.43E-08	3.29E-04	2.02E-03	0.00E+00	5.97E-03	2.69E-08	7.93E-10	3.90E-02	6.50E-04	3.42E-02	4.60E-03	4.56E-04	1.08E-01	2.37E+00	0.00E+00	3.16E-09	4.16E-09	4.78E-04	1.25E-05	3.17E-01	0.00E+00	2.37E+00	5.90E-09	2.37E+00	2.68E+00	3.17E-01	0.00E+00	0.00E+00	1.96E-02	
VU60AT	5.50E-04	2.43E-01	4.80E-02	1.97E-01	0.00E+00	0.00E+00	2.88E+00	2.71E-08	2.63E-04	1.63E-03	0.00E+00	4.83E-03	2.19E-08	6.38E-10	2.92E-02	5.29E-04	1.62E-02	2.60E-03	3.41E-04	8.04E-02	1.88E+00	0.00E+00	2.54E-09	3.28E-09	3.82E-04	9.69E-06	2.50E-01	0.00E+00	1.88E+00	4.59E-09	1.88E+00	2.13E+00	2.50E-01	0.00E+00	0.00E+00	1.46E-02	
VU60DKN	1.98E-05	1.96E-04	3.12E-03	2.97E-03	0.00E+00	0.00E+00	1.81E-01	9.32E-08	1.51E-05	7.36E-05	0.00E+00	2.93E-04	1.48E-08	3.96E-11	6.73E-04	3.59E-05	6.17E-04	1.71E-03	9.41E-04	2.69E-03	7.14E-02	0.00E+00	1.34E-10	1.10E-10	1.80E-05	1.04E-07	8.12E-03	0.00E+00	7.14E-02	8.07E-11	7.14E-02	7.96E-02	8.12E-03	0.00E+00	0.00E+00	4.05E-04	
VU60EP	6.23E-04	2.76E-01	5.19E-02	2.24E-01	0.00E+00	0.00E+00	3.22E+00	3.07E-08	2.97E-04	1.84E-03	0.00E+00	5.45E-03	2.47E-08	7.21E-10	3.33E-02	5.97E-04	1.84E-02	9.84E-08	3.88E-04	9.17E-02	2.12E+00	0.00E+00	2.87E-09	3.71E-09	4.31E-04	1.16E-05	2.83E-01	0.00E+00	2.12E+00	5.30E-09	2.12E+00	2.40E+00	2.83E-01	0.00E+00	0.00E+00	1.67E-02	
VU60ET	1.00E-05	3.16E-04	4.35E-03	4.57E-03	0.00E+00	0.00E+00	2.46E-01	1.23E-07	2.04E-05	9.92E-05	0.00E+00	3.98E-04	2.02E-09	4.84E-11	1.00E-03	4.90E-05	3.01E-04	1.81E-03	1.39E-05	3.93E-03	9.56E-02	0.00E+00	1.81E-10	1.47E-10	4.43E-05	1.24E-07	1.08E-02	0.00E+00	9.56E-02	1.02E-10	9.56E-02	1.06E-01	1.08E-02	0.00E+00	0.00E+00	5.97E-04	
VU60MMV	1.47E-04	1.22E-01	2.19E-02	1.05E-01	0.00E+00	0.00E+00	1.36E+00	1.32E-08	1.26E-04	7.90E-04	0.00E+00	2.31E-03	1.04E-08	3.02E-10	1.50E-02	2.51E-04	2.52E-02	2.06E-03	1.75E-04	4.15E-02	9.13E-01	0.00E+00	1.22E-09	1.60E-09	1.84E-04	4.83E-04	1.22E-01	0.00E+00	9.13E-01	2.27E-09	9.13E-01	1.04E+00	1.22E-01	0.00E+00	0.00E+00	7.51E-03	
VU60NA	6.23E-04	2.76E-01	5.19E-02	2.24E-01	0.00E+00	0.00E+00	3.22E+00	3.07E-08	2.97E-04	1.84E-03	0.00E+00	5.45E-03	2.47E-08	7.21E-10	3.33E-02	5.97E-04	1.84E-02	9.84E-08	3.88E-04	9.17E-02	2.12E+00	0.00E+00	2.87E-09	3.71E-09	4.31E-04	1.16E-05	2.83E-01	0.00E+00	2.12E+00	5.30E-09	2.12E+00	2.40E+00	2.83E-01	0.00E+00	0.00E+00	1.67E-02	
VU60NC	5.65E-04	2.51E-01	4.89E-02	2.04E-01	0.00E+00	0.00E+00	2.91E+00	2.79E-08	2.68E-04	1.67E-03	0.00E+00	4.93E-03	2.23E-08	6.52E-10	3.04E-02	5.39E-04	1.70E-02	2.01E-04	3.55E-04	8.36E-02	1.92E+00	0.00E+00	2.59E-09	3.37E-09	3.90E-04	1.00E-05	2.97E-01	0.00E+00	1.92E+00	4.73E-09	1.92E+00	2.18E+00	2.97E-01	0.00E+00	0.00E+00	1.52E-02	
VU60NE	6.07E-04	2.69E-01	5.07E-02	2.18E-01	0.00E+00	0.00E+00	3.15E+00	2.99E-08	2.90E-04	1.80E-03	0.00E+00	5.32E-03	2.41E-08	7.03E-10	3.25E-02	5.62E-04	1.79E-02	0.00E+00	3.79E-04	8.95E-02	2.07E+00	0.00E+00	2.80E-09	3.62E-09	4.21E-04	1.07E-05	2.78E-01	0.00E+00	2.07E+00	6.08E-09	2.07E+00	2.35E+00	2.78E-01	0.00E+00	0.00E+00	1.63E-02	
VU60NG	6.88E-04	4.04E-01	7.76E-02	3.27E-01	0.00E+00	0.00E+00	4.81E+00	4.54E-08	4.42E-04	2.74E-03	0.00E+00	8.13E-03	3.69E-08	1.07E-09	4.85E-02	8.92E-04	2.53E-02	5.61E-04	5.65E-04	1.33E-01	3.14E+00	0.00E+00	4.27E-09	5.50E-09	6.41E-04	1.62E-05	4.19E-01	0.00E+00	3.14E+00	7.67E-09	3.14E+00	3.95E+00	4.19E-01	0.00E+00	0.00E+00	2.42E-02	
VU60NH	4.91E-04	2.16E-01	4.14E-02	1.74E-01	0.00E+00	0.00E+00	2.57E+00	2.42E-08	2.36E-04	1.48E-03	0.00E+00	4.34E-03	1.97E-08	5.72E-10	2.59E-02	4.75E-04	1.42E-02	3.86E-04	3.91E-04	7.10E-02	1.88E+00	0.00E+00	2.28E-09	2.93E-09	3.42E-04	8.62E-06	2.23E-01	0.00E+00	1.88E+00	4.05E-09	1.88E+00	1.90E+00	2.23E-01	0.00E+00	0.00E+00	1.29E-02	
VU60NKM	3.02E-05	2.18E-03	8.75E-03	1.09E-02	0.00E+00	0.00E+00	5.04E-01	2.45E-07	4.17E-05	2.00E-04	0.00E+00	8.15E-04	4.16E-09	9.86E-11	2.31E-03	1.01E-04	1.98E-03	3.42E-03	3.16E-05	8.84E-03	1.91E-01	0.00E+00	3.88E-10	2.91E-10	4.91E-05	2.02E-07	2.13E-02	0.00E+00	1.91E-01	1.87E-10	1.91E-01	2.13E-01	2.13E-02	0.00E+00	0.00E+00	1.36E-03	
VU60NN	6.23E-04	2.76E-01	5.19E-02	2.24E-01	0.00E+00	0.00E+00	3.22E+00	3.07E-08	2.97E-04	1.84E-03	0.00E+00	5.45E-03	2.47E-08	7.21E-10	3.33E-02	5.97E-04	1.84E-02	9.84E-08	3.88E-04	9.17E-02	2.12E+00	0.00E+00	2.87E-09	3.71E-09	4.31E-04	1.16E-05	2.83E-01	0.00E+00	2.12E+00	5.30E-09	2.12E+00	2.40E+00	2.83E-01	0.00E+00	0.00E+00	1.67E-02	
VU60NR	5.47E-04	2.32E-01	4.50E-02	1.91E-01	0.00E+00	0.00E+00	2.80E+00	2.68E-08	2.58E-04	1.61E-03	0.00E+00	4.78E-03	2.37E-08	6.02E-10	2.96E-02	5.17E-04	1.67E-02	2.46E-03	1.85E+00	1.85E+00	2.49E-02	0.00E+00	2.49E-09	3.25E-09	3.76E-04	9.88E-06	2.48E-01	0.00E+00	1.85E+00	5.75E-09	1.85E+00	2.10E+00	2.48E-01	0.00E+00	0.00E+00	1.48E-02	
VU60NW	6.04E-04	2.72E-01	4.99E-02	2.22E-01	0.00E+00	0.00E+00	3.10E+00	2.98E-08	2.86E-04	1.79E-03	0.00E+00	5.25E-03	2.37E-08	6.95E-10	3.31E-02	5.73E-04	1.93E-02	1.85E-03	3.86E-04	9.14E-02	2.06E+00	0.00E+00	2.77E-09	3.61E-09	4.17E-04	1.08E-05	2.75E-01	0.00E+00	2.06E+00	5.06E-09	2.06E+00	2.34E+00	2.75E-01	0.00E+00	0.00E+00	1.66E-02	
VU60NWB	2.64E-04	1.23E-01	1.82E-02	1.05E-01	0.00E+00	0.00E+00	1.15E+00	1.22E-04	1.09E-04	7.08E-04	0.00E+00	1.97E-03	8.66E-09	2.66E-10	1.60E-02	2.10E-04	1.04E-02	3.44E-03	1.89E-04	4.54E-02	8.36E-01	0.00E+00	1.07E-09	1.49E-09	1.64E-04	4.76E-04	1.14E-01	0.00E+00	8.36E-01	2.20E-09	8.36E-01	9.50E-01	1.14E-01	0.00E+00	0.00E+00	8.13E-03	
VU60NWP	5.99E-04	2.68E-01	4.37E-02	2.18E-01	0.00E+00	0.00E+00	3.09E+00	2.96E-08	2.82E-04	1.78E-03	0.00E+00	5.23E-03	2.36E-08	6.92E-10	3.28E-02	5.71E-04	1.87E-02	1.15E-03	3.80E-04	8.99E-02	2.05E+00	0.00E+00	2.78E-09	3.58E-09	4.15E-04	1.07E-05	2.73E-01	0.00E+00	2.05E+00	5.04E-09	2.05E+00	2.32E+00	2.73E-01	0.00E+00	0.00E+00	1.63E-02	
VU60UA	1.52E-05	8.46E-04	1.46E-03	8.17E-04	0.00E+00	0.00E+00	8.52E-02	4.77E-08	7.18E-06	3.62E-05	0.00E+00	1.39E-04	6.92E-10	1.71E-11	1.89E-04	1.68E-05	1.81E-04	1.95E-03	2.87E-06	8.73E-04	3.61E-02	0.00E+00	6.44E-11	5.70E-11	8.80E-06	7.48E-08	4.22E-03	0.00E+00	3.61E-02	4.85E-11	3.61E-02	4.03E-02	4.22E-03	0.00E+00	0.00E+00	1.23E-04	
VU60WVH	6.18E-04	2.86E-01	4.19E-02	2.35E-01	0.00E+00	0.00E+00	3.11E+00	3.06E-08	2.89E-04	1.82E-03	0.00E+00	5.28E-03	2.37E-08	7.02E-10	3.54E-02	5.73E-04	2.29E-02	5.85E-03	4.19E-04	8.85E-0																	

VZ122N	1.96E-04	8.97E-02	1.88E-02	7.09E-02	0.00E+00	0.00E+00	1.16E+00	1.06E-05	1.06E-04	6.45E-04	0.00E+00	1.95E-03	8.93E-09	2.56E-10	1.04E-02	2.14E-04	6.88E-03	1.20E-04	2.81E-02	7.34E-01	0.00E+00	1.01E-09	1.37E-09	1.51E-04	3.64E-06	9.70E-02	0.00E+00	7.34E-01	1.74E-09	7.34E-01	8.31E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	5.14E-03	
VZ122W	1.81E-05	2.38E-04	2.93E-03	6.89E-03	0.00E+00	0.00E+00	1.69E-01	8.72E-05	1.41E-05	6.52E-05	0.00E+00	2.75E-04	1.39E-09	3.35E-11	1.61E-04	3.37E-05	2.12E-03	5.66E-04	8.84E-06	2.47E-03	6.73E-02	0.00E+00	1.25E-10	1.04E-10	1.69E-05	1.00E-07	7.66E-03	0.00E+00	6.73E-02	7.64E-11	6.73E-02	7.49E-02	7.66E-03	0.00E+00	0.00E+00	0.00E+00	3.71E-04
VZ123N	1.34E-05	2.77E-04	4.17E-03	4.44E-03	0.00E+00	0.00E+00	2.40E-01	1.21E-07	2.00E-05	9.71E-05	0.00E+00	3.90E-04	1.98E-09	4.73E-11	9.78E-04	4.79E-05	9.79E-04	1.66E-03	1.35E-05	3.83E-03	9.36E-02	0.00E+00	1.77E-10	1.44E-10	2.38E-05	1.22E-07	1.06E-02	0.00E+00	9.36E-02	1.00E-10	9.36E-02	1.04E-01	1.06E-02	0.00E+00	0.00E+00	0.00E+00	5.81E-04
VZ123W	7.47E-04	3.31E-01	6.24E-02	2.69E-01	0.00E+00	0.00E+00	3.87E+00	3.68E-05	3.55E-04	2.22E-03	0.00E+00	8.55E-03	2.98E-08	8.66E-10	4.02E-02	7.17E-04	2.21E-02	0.00E+00	4.66E-04	1.10E-01	2.55E+00	0.00E+00	3.44E-09	4.46E-05	5.16E-04	1.32E-05	3.40E-01	0.00E+00	2.55E+00	8.25E-09	2.55E+00	2.89E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	2.00E-02
VZ124N	1.36E-04	5.24E-02	1.40E-02	3.84E-02	0.00E+00	0.00E+00	8.52E-01	7.04E-07	7.63E-05	4.48E-04	0.00E+00	1.42E-03	6.62E-09	1.84E-10	5.40E-03	1.61E-05	2.45E-03	1.55E-03	6.09E-05	1.38E-02	4.97E-01	0.00E+00	7.21E-10	8.50E-10	1.06E-04	2.22E-06	6.44E-02	0.00E+00	4.97E-02	1.09E-09	4.97E-01	5.81E-01	8.44E-02	0.00E+00	0.00E+00	0.00E+00	2.61E-03
VZ125N	1.39E-05	1.10E-04	3.23E-03	3.12E-03	0.00E+00	0.00E+00	1.87E-01	9.55E-08	1.56E-05	7.61E-05	0.00E+00	3.03E-04	1.54E-09	3.69E-11	7.05E-04	3.72E-05	9.77E-04	1.27E-03	9.95E-06	2.81E-03	7.38E-02	0.00E+00	1.38E-10	1.14E-10	1.86E-05	1.06E-07	8.38E-03	0.00E+00	7.38E-02	8.22E-11	7.38E-02	8.22E-02	8.38E-03	0.00E+00	0.00E+00	0.00E+00	4.23E-04
VZ126N	9.47E-04	3.92E-02	1.07E-02	2.65E-02	0.00E+00	0.00E+00	6.50E-01	5.63E-07	5.62E-05	3.40E-04	0.00E+00	1.09E-03	5.02E-09	1.14E-10	3.99E-03	1.23E-04	1.52E-03	1.28E-04	5.95E-05	1.01E-02	3.77E-01	0.00E+00	5.49E-10	6.44E-10	8.03E-05	1.67E-06	4.89E-02	0.00E+00	3.77E-01	8.25E-10	3.77E-01	4.29E-01	4.89E-02	0.00E+00	0.00E+00	0.00E+00	1.93E-03
VZ127N	0.30E-04	1.28E-02	7.88E-02	3.40E-01	0.00E+00	0.00E+00	4.86E+00	4.50E-07	4.50E-04	2.83E-04	0.00E+00	2.76E-03	2.95E-09	1.00E-10	5.05E-02	9.05E-04	3.27E-03	0.00E+00	4.89E-04	1.39E-01	3.22E+00	0.00E+00	6.49E-09	5.83E-09	6.54E-04	1.87E-05	4.29E-01	0.00E+00	3.22E+00	7.89E-09	3.22E+00	3.65E+00	4.29E-01	0.00E+00	0.00E+00	0.00E+00	2.53E-02
VZ12AU	0.44E-05	1.00E-02	6.20E-03	5.77E-03	0.00E+00	0.00E+00	3.68E-01	2.49E-07	3.19E-05	1.73E-04	0.00E+00	6.07E-04	2.97E-09	7.63E-11	5.63E-04	7.13E-05	2.21E-03	1.78E-03	4.56E-04	4.86E-04	1.82E-01	0.00E+00	2.93E-10	2.99E-10	4.14E-05	6.02E-07	2.24E-02	0.00E+00	1.82E-01	3.24E-10	1.82E-01	2.04E-01	2.24E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-04
VZ12CAV	1.41E-05	5.64E-05	3.39E-03	3.31E-03	0.00E+00	0.00E+00	1.94E-01	9.90E-08	1.62E-05	7.90E-05	0.00E+00	3.15E-04	1.60E-09	3.83E-11	7.43E-04	3.87E-05	1.18E-03	8.87E-04	1.04E-05	2.95E-03	7.86E-02	0.00E+00	1.44E-10	1.19E-10	1.93E-05	1.08E-07	8.88E-03	0.00E+00	7.86E-02	8.47E-11	7.86E-02	8.52E-02	8.88E-03	0.00E+00	0.00E+00	0.00E+00	4.45E-04
VZ12CHU	7.45E-05	1.06E-02	9.84E-03	1.15E-03	0.00E+00	0.00E+00	5.55E-01	3.37E-07	4.73E-05	2.46E-04	0.00E+00	9.06E-04	4.50E-09	1.13E-10	3.87E-04	1.09E-04	1.56E-03	3.96E-03	8.30E-04	3.08E-03	2.51E-01	0.00E+00	4.29E-10	4.94E-10	5.94E-05	6.96E-07	3.01E-02	0.00E+00	2.51E-01	3.86E-10	2.51E-01	2.81E-01	3.01E-02	0.00E+00	0.00E+00	0.00E+00	3.98E-04
VZ121N	3.14E-04	1.35E-01	2.81E-02	1.07E-01	0.00E+00	0.00E+00	1.74E+00	1.58E-08	1.58E-04	9.67E-04	0.00E+00	2.92E-03	1.34E-08	3.84E-10	1.57E-02	3.23E-04	7.95E-03	9.36E-05	1.92E-04	4.26E-02	1.19E+00	0.00E+00	1.52E-09	1.91E-09	2.27E-04	5.48E-06	1.46E-01	0.00E+00	1.19E+00	2.62E-09	1.19E+00	1.25E+00	1.46E-01	0.00E+00	0.00E+00	0.00E+00	7.82E-03
VZ131N	4.26E-04	1.12E-01	3.91E-02	7.62E-02	0.00E+00	0.00E+00	2.15E+00	1.67E-08	1.90E-04	1.09E-03	0.00E+00	3.58E-03	1.62E-08	4.29E-10	1.02E-02	4.09E-04	3.87E-03	7.02E-03	1.12E-04	2.43E-02	1.19E+00	0.00E+00	1.79E-09	2.02E-09	2.59E-04	4.92E-06	1.52E-01	0.00E+00	1.19E+00	2.47E-09	1.19E+00	1.34E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	4.81E-03
VZ132N	9.92E-05	3.99E-02	5.35E-02	3.79E-02	0.00E+00	0.00E+00	5.68E-01	4.79E-07	5.11E-05	3.02E-04	0.00E+00	9.51E-04	4.63E-09	1.32E-10	3.92E-03	1.07E-04	1.76E-03	1.01E-04	4.46E-05	1.02E-04	3.37E-01	0.00E+00	4.84E-10	5.79E-10	7.12E-05	1.55E-06	4.39E-02	0.00E+00	3.37E-01	7.55E-10	3.37E-01	3.81E-01	4.39E-02	0.00E+00	0.00E+00	0.00E+00	1.91E-03
VZ133N	3.63E-06	1.40E-04	3.83E-03	3.97E-03	0.00E+00	0.00E+00	2.22E-01	1.12E-07	1.84E-05	8.96E-05	0.00E+00	3.56E-04	1.82E-09	4.26E-10	8.80E-04	4.41E-05	3.08E-03	6.36E-04	1.22E-04	3.64E-03	8.66E-02	0.00E+00	1.63E-10	1.33E-10	1.12E-05	1.16E-07	9.79E-03	0.00E+00	8.66E-02	9.57E-11	8.66E-02	9.84E-02	9.79E-03	0.00E+00	0.00E+00	0.00E+00	5.25E-04
VZ134N	4.89E-05	3.57E-04	4.36E-03	4.71E-03	0.00E+00	0.00E+00	2.51E-01	1.26E-07	2.09E-05	1.01E-04	0.00E+00	4.07E-04	2.07E-09	4.95E-11	1.03E-03	5.01E-05	3.87E-03	8.86E-04	1.43E-05	4.03E-03	9.77E-02	0.00E+00	1.85E-10	1.50E-10	2.48E-05	1.25E-07	1.10E-02	0.00E+00	9.77E-02	1.04E-10	9.77E-02	1.09E-01	1.10E-02	0.00E+00	0.00E+00	0.00E+00	6.14E-04
VZ135	2.16E-08	6.31E-04	2.14E-02	2.79E-02	0.00E+00	0.00E+00	1.23E-01	5.94E-08	1.02E-05	4.89E-05	0.00E+00	2.00E-04	1.02E-09	2.41E-11	5.62E-04	2.47E-05	4.43E-04	2.52E-03	7.94E-09	2.21E-03	4.65E-02	0.00E+00	9.00E-11	7.09E-11	1.20E-05	4.62E-08	5.18E-03	0.00E+00	4.62E-08	4.46E-11	4.62E-08	5.17E-02	5.18E-03	0.00E+00	0.00E+00	0.00E+00	3.41E-04
VZ135N	2.89E-05	1.65E-03	7.47E-03	9.12E-03	0.00E+00	0.00E+00	4.30E-01	2.19E-07	3.55E-05	1.71E-04	0.00E+00	8.96E-04	3.55E-09	8.43E-11	1.94E-03	8.99E-05	1.04E-03	3.02E-03	2.65E-05	7.43E-03	1.84E-01	0.00E+00	3.15E-10	2.90E-10	4.20E-05	1.79E-07	1.83E-02	0.00E+00	1.84E-01	1.83E-02	1.84E-01	1.83E-01	1.83E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03
VZ136	6.50E-05	2.60E-02	7.84E-03	1.85E-02	0.00E+00	0.00E+00	4.53E-01	3.65E-07	4.04E-05	2.34E-04	0.00E+00	7.55E-04	3.55E-09	9.73E-11	2.56E-03	8.59E-05	1.44E-03	1.94E-03	2.86E-05	6.86E-03	2.59E-01	0.00E+00	3.80E-10	4.40E-10	5.55E-05	1.13E-06	3.33E-02	0.00E+00	2.59E-01	5.55E-05	2.59E-01	2.92E-01	3.33E-02	0.00E+00	0.00E+00	0.00E+00	1.23E-03
VZ141N	6.97E-05	2.59E-02	7.65E-03	1.83E-02	0.00E+00	0.00E+00	4.63E-01	3.69E-07	4.12E-05	2.36E-04	0.00E+00	7.72E-04	3.62E-09	9.03E-11	2.51E-03	8.79E-05	2.02E-04	5.62E-04	2.79E-05	6.17E-02	2.62E-01	0.00E+00	3.88E-10	4.48E-10	5.64E-05	1.12E-06	3.37E-02	0.00E+00	2.62E-01	5.64E-05	2.62E-01	2.96E-01	3.37E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
VZ142N	1.40E-04	1.67E-02	1.13E-02	3.94E-02	0.00E+00	0.00E+00	8.11E-01	6.86E-07	7.30E-05	4.32E-04	0.00E+00	1.62E-04	1.96E-09	1.70E-10	5.10E-03	1.53E-04	1.72E-03	1.81E-04	6.36E-05	1.45E-02	4.82E-01	0.00E+00	6.92E-10	8.28E-10	1.02E-04	2.21E-06	6.28E-02	0.00E+00	4.82E-01	1.08E-09	4.82E-01	5.45E-01	6.28E-02	0.00E+00	0.00E+00	0.00E+00	2.73E-03
VZ143N	3.11E-05	5.64E-02	1.43E-02	5.76E-03	0.00E+00	0.00E+00	2.36E-01	1.12E-07	1.95E-05	9.28E-05	0.00E+00	3.62E-04	1.96E-09	4.61E-11	1.19E-03	4.73E-05	1.11E-03	1.61E-05	4.46E-03	0.00E+00	1.72E-10	1.33E-10	1.33E-10	1.33E-10	2.28E-05	7.41E-08	9.70E-03	0.00E+00	8.79E-02	7.94E-11	8.79E-02	9.76E-02	9.70E-03	0.00E+00	0.00E+00	0.00E+00	6.91E-04
VZ144N	1.60E-04	5.22E-02	1.44E-02	3.79E-02	0.00E+00	0.00E+00	8.73E-01	7.14E-07	7.80E-05	4.56E-04	0.00E+00	1.46E-03	6.83E-09	1.88E-10	5.29E-03	1.65E-04	1.88E-03	1.63E-03	5.94E-05	1.34E-02	5.05E-01	0.00E+00	7.37E-10	8.62E-10	1.09E-04	2.23E-06	6.53E-02	0.00E+00	5.05E-01	1.10E-09	5.05E-01	5.70E-01	6.53E-02	0.00E+00	0.00E+00	0.00E+00	2.56E-03
VZ201	4.64E-09	3.47E-04	2.86E-03	3.32E-03	0.00E+00	0.00E+00	1.54E-01	8.01E-08	1.29E-05	6.32E-05	0.00E+00	2.50E-04	1.27E-09	3.05E-11	5.39E-04	3.09E-05	3.95E-04	1.65E-04	7.60E-04	2.18E-03	6.17E-02	0.00E+00	1.14E-10	9.56E-11	1.54E-05	9.56E-08	7.04E-03	0.00E+00	6.17E-02	2.14E-11	6.17E-02	6.87E-02	7.04E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
VZ203	3.12E-05	5.03E-04	4.71E-03	5.21E-03	0.00E+00	0.00E+00	2.72E-01	1.36E-07	2.26E-05	1.06E-04	0.00E+00	4.40E-04	2.24E-09	5.34E-11	1.13E-03	5.41E-04	1.57E-04	1.24E-03	1.57E-05	4.42E-03	1.06E-01	0.00E+00	2.00E-10	1.81E-10	2.88E-05	1.31E-07	1.18E-02	0.00E+00	1.06E-01	1.10E-10	1.06E-01	1.17E-01	1.18E-02	0.00E+00	0.00E+00		

VZ48CAV	1.14E-03	5.04E-01	9.84E-02	4.09E-01	0.00E+00	0.00E+00	1.44E+00	5.60E-06	5.42E-04	3.37E-03	0.00E+00	9.96E-03	4.51E-08	1.32E-09	6.09E-02	1.09E-03	3.36E-02	0.00E+00	7.10E-04	1.68E-01	3.88E+00	0.00E+00	5.24E-09	6.78E-07	7.88E-04	2.91E-05	5.17E-01	0.00E+00	3.88E+00	3.51E-09	3.88E+00	4.39E+00	5.17E-01	0.00E+00	0.00E+00	0.00E+00	3.95E-02
VZ48CHU	1.20E-03	5.32E-01	1.00E-01	4.32E-01	0.00E+00	0.00E+00	8.22E+00	5.91E-06	5.72E-04	3.56E-03	0.00E+00	1.05E-02	4.76E-08	1.39E-09	6.42E-02	1.15E-03	3.55E-02	0.00E+00	7.49E-04	1.77E-01	4.09E+00	0.00E+00	5.53E-09	7.16E-09	8.32E-04	2.12E-05	5.46E-01	0.00E+00	4.09E+00	1.00E-09	4.09E+00	4.64E+00	5.46E-01	0.00E+00	0.00E+00	0.00E+00	3.22E-02
VZ48MME	2.73E-04	1.42E-01	2.30E-02	1.19E-01	0.00E+00	0.00E+00	1.44E+00	1.47E-06	1.35E-04	8.61E-04	0.00E+00	2.45E-03	1.09E-08	3.28E-10	1.80E-02	2.64E-04	1.04E-02	3.62E-03	2.11E-04	5.04E-02	1.01E+00	0.00E+00	1.32E-09	1.78E-09	2.00E-04	5.54E-06	1.36E-01	0.00E+00	1.01E+00	2.58E-09	1.01E+00	1.14E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	9.07E-03
VZ48MMK	2.73E-04	1.42E-01	2.30E-02	1.19E-01	0.00E+00	0.00E+00	1.44E+00	1.47E-06	1.34E-04	8.62E-04	0.00E+00	2.45E-03	1.09E-08	3.28E-10	1.80E-02	2.63E-04	1.04E-02	3.62E-03	2.11E-04	5.05E-02	1.01E+00	0.00E+00	1.31E-09	1.78E-09	2.00E-04	5.54E-06	1.36E-01	0.00E+00	1.01E+00	2.58E-09	1.01E+00	1.14E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	9.08E-03
VZ48NAV	3.44E-04	1.32E-01	3.28E-02	3.91E-02	0.00E+00	0.00E+00	2.00E+00	1.70E-06	1.80E-04	1.07E-03	0.00E+00	3.35E-03	1.56E-08	4.35E-10	1.42E-02	3.76E-04	6.44E-03	2.61E-03	1.61E-04	3.68E-02	1.19E+00	0.00E+00	1.71E-09	2.05E-09	3.52E-04	5.51E-06	1.96E-01	0.00E+00	1.19E+00	2.69E-09	1.19E+00	1.35E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	6.92E-03
VZ48NRK	1.58E-03	7.17E-01	1.24E-01	5.94E-01	0.00E+00	0.00E+00	7.74E+00	7.65E-06	7.18E-04	4.54E-03	0.00E+00	1.31E-02	5.89E-08	1.75E-09	8.91E-02	1.42E-03	6.20E-02	4.36E-03	2.05E-04	2.48E-01	5.27E+00	0.00E+00	6.98E-09	9.02E-09	1.05E-03	2.83E-05	7.08E-01	0.00E+00	5.27E+00	1.33E-08	5.27E+00	5.97E+00	7.08E-01	0.00E+00	0.00E+00	0.00E+00	4.49E-02
VZ48NUH	5.10E-04	2.06E-01	4.59E-02	1.61E-01	0.00E+00	0.00E+00	2.80E+00	2.80E-06	2.55E-04	1.54E-03	0.00E+00	4.71E-03	2.17E-08	6.17E-10	2.34E-02	5.24E-04	1.16E-02	2.54E-03	2.74E-04	6.27E-02	1.74E+00	0.00E+00	2.43E-09	3.02E-09	3.62E-04	8.42E-06	2.29E-01	0.00E+00	1.74E+00	4.96E-09	1.74E+00	1.97E+00	2.29E-01	0.00E+00	0.00E+00	0.00E+00	1.16E-02
VZ510N	2.44E-05	1.67E-03	5.84E-04	2.19E-03	0.00E+00	0.00E+00	2.44E+00	2.44E-06	2.20E-04	8.30E-06	0.00E+00	4.48E-06	2.47E-10	3.87E-04	5.93E-06	2.15E-06	1.82E-03	2.94E-04	1.82E-03	6.06E-02	6.00E+00	0.00E+00	1.01E-09	1.68E-12	2.15E-06	4.04E-08	4.22E-04	0.00E+00	6.00E+00	1.06E-09	1.68E-12	2.15E-06	4.04E-08	0.00E+00	0.00E+00	0.00E+00	2.12E-04
VZ511N	2.08E-05	1.01E-03	2.00E-04	4.81E-03	0.00E+00	0.00E+00	1.57E-02	3.39E-09	1.82E-06	1.61E-05	0.00E+00	2.44E-05	9.50E-11	4.63E-12	7.71E-04	2.30E-06	3.18E-04	1.01E-03	9.37E-06	2.32E-03	2.17E-02	0.00E+00	2.04E-11	1.41E-11	3.57E-06	1.76E-07	3.23E-03	0.00E+00	2.17E-02	7.60E-11	2.17E-02	2.49E-02	3.23E-03	0.00E+00	0.00E+00	0.00E+00	4.02E-04
VZ512N	2.98E-05	1.70E-03	5.93E-04	2.29E-03	0.00E+00	0.00E+00	3.29E-02	7.88E-09	2.94E-06	1.00E-05	0.00E+00	5.19E-05	2.82E-10	5.95E-12	4.15E-04	6.62E-06	1.98E-04	1.87E-03	5.24E-06	1.37E-03	7.64E-03	0.00E+00	2.13E-11	9.09E-12	2.58E-06	3.91E-08	6.03E-04	0.00E+00	7.64E-03	9.34E-12	7.64E-03	8.24E-03	6.03E-04	0.00E+00	0.00E+00	0.00E+00	2.25E-04
VZ513N	2.51E-05	1.57E-03	6.28E-04	2.20E-03	0.00E+00	0.00E+00	3.50E-02	9.66E-09	2.76E-06	1.12E-05	0.00E+00	5.55E-05	2.99E-10	6.42E-12	3.96E-04	7.23E-06	1.89E-05	1.79E-03	5.09E-06	1.34E-03	8.90E-03	0.00E+00	2.31E-11	1.12E-11	2.84E-06	3.35E-08	7.65E-04	0.00E+00	8.90E-03	6.60E-12	8.90E-03	9.66E-03	7.65E-04	0.00E+00	0.00E+00	0.00E+00	2.19E-04
VZ514N	2.27E-05	2.25E-03	5.51E-04	2.78E-03	0.00E+00	0.00E+00	2.83E-02	2.69E-09	2.12E-06	7.10E-06	0.00E+00	4.40E-05	2.49E-10	4.88E-12	4.84E-04	6.00E-06	7.55E-05	1.87E-03	6.12E-06	1.59E-03	4.13E-03	0.00E+00	1.69E-11	2.76E-12	1.90E-06	6.01E-08	1.20E-04	0.00E+00	4.13E-03	1.89E-11	4.13E-03	4.25E-03	1.20E-04	0.00E+00	0.00E+00	0.00E+00	2.63E-04
VZ515N	5.30E-06	3.17E-03	6.33E-04	3.81E-03	0.00E+00	0.00E+00	3.40E-02	8.42E-10	2.51E-06	7.64E-06	0.00E+00	5.26E-05	3.01E-10	5.71E-12	6.58E-04	7.29E-06	9.27E-04	1.61E-03	8.30E-06	2.14E-03	3.53E-03	0.00E+00	1.95E-11	3.62E-13	2.10E-06	6.78E-08	9.05E-05	0.00E+00	3.52E-03	2.92E-11	3.53E-03	3.44E-03	9.05E-05	0.00E+00	0.00E+00	0.00E+00	3.57E-04
VZ523	1.52E-05	1.41E-02	4.70E-03	3.95E-03	0.00E+00	0.00E+00	2.83E-01	2.19E-07	2.52E-05	1.42E-04	0.00E+00	4.70E-04	2.23E-09	3.01E-11	1.24E-03	5.40E-05	3.07E-04	3.16E-03	1.34E-05	2.89E-03	2.34E-10	2.81E-10	3.39E-05	6.25E-07	1.97E-02	0.00E+00	1.56E-01	3.16E-10	1.52E-01	1.74E-01	3.97E-02	0.00E+00	0.00E+00	0.00E+00	5.75E-04		
VZ551N	1.83E-06	8.50E-03	1.20E-03	3.70E-03	0.00E+00	0.00E+00	6.23E-02	1.24E-06	4.32E-06	8.77E-06	0.00E+00	9.41E-05	5.61E-10	1.65E-03	1.38E-05	7.26E-04	1.45E-03	2.07E-05	3.50E-03	1.87E-03	3.00E+00	3.10E-11	1.89E-11	2.76E-06	2.51E-07	1.53E-03	0.00E+00	1.87E-03	3.96E-06	1.87E-03	3.39E-03	1.53E-03	0.00E+00	0.00E+00	0.00E+00	8.89E-04	
VZ552N	2.30E-05	2.82E-02	2.28E-03	2.59E-02	0.00E+00	0.00E+00	1.55E-01	2.24E-07	1.58E-05	1.17E-04	0.00E+00	2.73E-04	1.08E-09	3.92E-11	4.09E-03	2.62E-05	2.14E-03	1.06E-03	4.91E-05	1.20E-02	1.48E-01	0.00E+00	1.64E-10	2.73E-10	2.67E-05	1.03E-06	2.11E-02	0.00E+00	1.48E-01	4.56E-10	1.48E-01	1.89E-01	2.11E-02	0.00E+00	0.00E+00	0.00E+00	2.11E-03
VZ553N	9.03E-05	5.65E-02	7.72E-03	4.87E-02	0.00E+00	0.00E+00	4.62E-01	5.42E-07	4.47E-05	3.09E-04	0.00E+00	4.83E-04	3.67E-09	1.14E-10	7.47E-03	8.86E-05	4.02E-03	7.27E-04	8.89E-05	2.13E-02	3.68E-01	0.00E+00	4.63E-10	6.59E-10	7.16E-05	2.16E-06	5.05E-02	0.00E+00	3.68E-01	9.93E-10	3.68E-01	4.19E-01	5.05E-02	0.00E+00	0.00E+00	0.00E+00	3.60E-03
VZ554N	5.91E-05	4.29E-02	5.36E-03	3.77E-02	0.00E+00	0.00E+00	3.39E-01	3.94E-07	3.26E-05	2.21E-04	0.00E+00	5.84E-04	2.59E-09	8.00E-11	5.82E-03	6.04E-05	3.07E-03	4.66E-04	6.92E-05	1.68E-02	2.86E-01	0.00E+00	3.28E-10	4.79E-10	5.09E-05	1.62E-06	3.88E-02	0.00E+00	2.86E-01	7.40E-10	2.86E-01	3.03E-01	3.88E-02	0.00E+00	0.00E+00	0.00E+00	2.97E-03
VZ555N	1.76E-04	9.43E-02	1.47E-02	7.99E-02	0.00E+00	0.00E+00	9.24E-01	9.58E-07	8.66E-05	5.58E-04	0.00E+00	1.58E-03	6.97E-09	2.11E-10	1.21E-02	1.69E-04	6.58E-03	3.26E-04	1.42E-04	3.41E-02	6.55E-01	0.00E+00	8.49E-10	1.19E-09	1.30E-04	3.66E-06	8.88E-02	0.00E+00	6.55E-01	1.70E-09	6.55E-01	7.44E-01	8.88E-02	0.00E+00	0.00E+00	0.00E+00	6.12E-03
VZ602	7.88E-05	3.77E-03	5.57E-03	3.94E-03	0.00E+00	0.00E+00	3.19E-01	1.42E-07	2.81E-05	1.22E-04	0.00E+00	5.14E-04	2.62E-09	6.17E-11	1.88E-03	6.40E-05	2.34E-03	1.87E-03	2.49E-05	6.91E-03	1.14E-01	0.00E+00	2.29E-10	1.99E-10	3.01E-05	4.75E-08	1.23E-02	0.00E+00	1.14E-01	6.55E-11	1.14E-01	1.26E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03
VZ602N	5.47E-05	3.32E-02	4.20E-03	2.82E-02	0.00E+00	0.00E+00	2.72E-01	3.10E-07	2.81E-05	1.17E-04	0.00E+00	4.88E-04	2.02E-09	3.95E-11	1.45E-03	4.98E-05	3.07E-04	3.02E-03	5.89E-05	1.28E-02	2.13E-01	0.00E+00	2.46E-10	3.77E-10	4.04E-05	1.26E-06	2.89E-02	0.00E+00	2.10E-01	3.96E-10	2.10E-01	2.39E-01	2.89E-02	0.00E+00	0.00E+00	0.00E+00	2.27E-03
VZ603N	5.69E-05	3.52E-02	4.46E-03	3.12E-02	0.00E+00	0.00E+00	2.87E-01	3.30E-07	2.75E-05	1.86E-04	0.00E+00	4.93E-04	2.12E-09	6.75E-11	1.42E-03	5.12E-05	4.63E-03	3.33E-03	5.73E-05	1.39E-02	2.75E-10	2.75E-10	4.01E-10	4.01E-10	4.28E-05	1.36E-06	3.08E-02	0.00E+00	2.23E-01	6.17E-10	2.23E-01	2.54E-01	3.08E-02	0.00E+00	0.00E+00	0.00E+00	2.46E-03
VZ604N	8.39E-05	5.12E-02	6.40E-03	4.48E-02	0.00E+00	0.00E+00	4.11E-01	4.74E-07	3.95E-05	2.66E-04	0.00E+00	7.09E-04	3.04E-09	6.69E-11	6.90E-03	7.39E-05	6.32E-03	4.35E-03	8.21E-05	1.99E-02	3.20E-01	0.00E+00	3.94E-10	5.76E-10	6.15E-05	1.94E-06	4.42E-02	0.00E+00	3.20E-01	8.85E-10	3.20E-01	3.84E-01	4.42E-02	0.00E+00	0.00E+00	0.00E+00	3.53E-03
VZ605N	1.22E-04	7.32E-02	9.56E-03	6.36E-02	0.00E+00	0.00E+00	6.12E-01	6.89E-07	5.84E-05	3.90E-04	0.00E+00	1.05E-03	4.54E-09	1.43E-10	9.79E-03	1.10E-04	8.47E-03	5.26E-03	1.16E-04	2.81E-02	4.67E-01	0.00E+00	5.81E-10	8.37E-10	9.02E-05	2.79E-06	6.42E-02	0.00E+00	4.67E-01	1.29E-01	4.67E-01	5.31E-01	6.42E-02	0.00E+00	0.00E+00	0.00E+00	4.99E-03
VZ606N	1.87E-04	1.09E-01	1.48E-02	9.40E-02	0.00E+00	0.00E+00	9.44E-01	1.04E-08	8.97E-05	5.94E-04	0.00E+00	1.62E-03	7.03E-09	2.20E-10	1.44E-02	1.70E-04	1.19E-02	6.31E-03	1.71E-04	4.12E-02	7.08E-01	0.00E+00	8.89E-10	1.27E-09	1.38E-04	4.16E-06	9.70E-02	0.00E+00	7.08E-01	1.91E-09	7.08E-01	8.05E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	7.34E-

VZ852N	4.83E-05	2.53E-02	3.87E-03	2.14E-02	0.00E+00	0.00E+00	2.56E-07	2.20E-05	1.48E-04	0.00E+00	4.17E-04	1.84E-09	5.60E-11	3.26E-03	4.45E-05	2.66E-03	1.78E-03	3.84E-05	9.21E-03	1.74E-01	0.00E+00	2.25E-10	3.10E-10	3.45E-05	9.81E-07	2.37E-02	0.00E+00	1.74E-01	4.55E-10	1.74E-01	1.98E-01	2.37E-02	0.00E+00	0.00E+00	0.00E+00	1.65E-03	
VZ855N	1.60E-05	1.40E-02	1.39E-03	1.26E-02	0.00E+00	0.00E+00	9.15E-02	1.19E-07	9.05E-06	6.43E-05	0.00E+00	1.60E-04	6.69E-10	2.24E-11	1.97E-03	1.59E-05	4.25E-03	1.72E-03	2.36E-05	8.78E-03	7.93E-02	0.00E+00	9.22E-11	1.45E-10	1.47E-05	5.18E-07	1.11E-02	0.00E+00	7.00E-02	2.33E-10	7.93E-02	9.94E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
VZ857N	1.01E-04	3.88E-03	6.83E-03	9.71E-03	0.00E+00	0.00E+00	3.34E-01	1.49E-07	2.74E-05	1.28E-04	0.00E+00	5.38E-04	2.77E-09	6.48E-11	1.94E-03	6.70E-05	8.40E-03	6.57E-03	2.59E-05	7.10E-03	1.19E-01	0.00E+00	2.40E-10	1.78E-10	3.16E-05	5.21E-08	1.29E-02	0.00E+00	1.19E-01	9.05E-11	1.19E-01	1.32E-01	1.29E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-03
VZ858N	1.50E-01	1.42E-02	1.32E-03	1.28E-02	0.00E+00	0.00E+00	8.44E-02	1.15E-07	8.47E-04	6.15E-05	0.00E+00	1.48E-04	6.02E-10	2.10E-11	2.02E-03	1.45E-05	3.97E-03	1.34E-03	2.40E-05	8.88E-03	7.68E-02	0.00E+00	8.71E-11	1.41E-10	1.40E-05	5.18E-07	1.09E-02	0.00E+00	7.68E-02	2.30E-10	7.68E-02	8.75E-02	1.09E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-03
VZ860N	2.68E-04	1.46E-01	2.10E-02	1.25E-01	0.00E+00	0.00E+00	1.33E+00	1.43E-06	1.32E-04	8.22E-04	0.00E+00	2.27E-03	9.96E-09	3.07E-10	1.90E-02	2.41E-04	1.36E-02	6.37E-03	2.23E-04	8.41E-02	9.73E-01	0.00E+00	1.24E-09	1.07E-09	3.91E-04	5.66E-06	1.33E-01	0.00E+00	9.73E-01	2.59E-09	9.73E-01	1.11E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	9.66E-03
VZ861N	1.80E-04	8.37E-02	1.24E-02	7.13E-02	0.00E+00	0.00E+00	7.84E-01	8.31E-07	7.39E-05	4.81E-04	0.00E+00	1.34E-03	5.88E-09	1.80E-10	1.09E-02	1.42E-04	8.89E-03	4.93E-03	1.28E-04	3.08E-02	5.87E-01	0.00E+00	7.27E-10	1.01E-09	1.12E-04	3.23E-06	7.72E-02	0.00E+00	5.87E-01	1.50E-09	5.87E-01	6.45E-01	7.72E-02	0.00E+00	0.00E+00	0.00E+00	5.51E-03
VZ909N	1.81E-05	1.16E-02	1.15E-03	1.05E-02	0.00E+00	0.00E+00	7.60E-02	9.09E-07	7.53E-05	5.32E-05	0.00E+00	1.33E-04	5.47E-10	1.86E-11	1.64E-03	1.32E-05	1.71E-03	2.09E-03	1.93E-05	4.79E-03	6.60E-02	0.00E+00	7.67E-11	1.20E-10	1.22E-05	4.32E-07	9.28E-03	0.00E+00	6.60E-02	1.94E-10	6.60E-02	7.52E-02	9.28E-03	0.00E+00	0.00E+00	0.00E+00	8.44E-04
VZ910N	1.99E-05	1.08E-02	1.38E-03	1.45E-03	0.00E+00	0.00E+00	8.46E-02	1.02E-07	8.46E-04	6.70E-05	0.00E+00	1.52E-04	1.28E-11	1.88E-11	1.45E-03	1.59E-05	1.37E-03	2.78E-03	1.93E-05	4.18E-03	6.84E-02	0.00E+00	9.65E-11	1.23E-10	1.32E-05	4.17E-07	9.42E-03	0.00E+00	6.84E-02	1.86E-10	6.84E-02	7.78E-02	9.42E-03	0.00E+00	0.00E+00	0.00E+00	7.43E-04
VZ912N	2.28E-05	1.26E-02	1.67E-03	1.08E-02	0.00E+00	0.00E+00	1.01E-01	1.16E-07	9.68E-04	6.52E-05	0.00E+00	1.74E-04	7.47E-10	2.37E-11	1.68E-03	1.81E-05	1.59E-03	1.11E-03	2.00E-05	4.83E-03	7.83E-02	0.00E+00	9.65E-11	1.41E-10	1.50E-05	4.73E-07	1.08E-02	0.00E+00	7.83E-02	2.16E-10	7.83E-02	8.81E-02	1.08E-02	0.00E+00	0.00E+00	0.00E+00	8.57E-04
VZ914N	2.47E-05	1.33E-02	1.79E-03	1.16E-02	0.00E+00	0.00E+00	1.11E-01	1.25E-07	1.06E-05	7.08E-05	0.00E+00	1.90E-04	8.22E-10	2.60E-11	1.78E-03	1.99E-05	1.60E-03	1.15E-03	2.11E-05	5.11E-03	8.48E-02	0.00E+00	1.05E-10	1.52E-10	1.64E-05	5.06E-07	1.17E-02	0.00E+00	8.48E-02	2.32E-10	8.48E-02	9.84E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	9.09E-04
VZ916N	2.55E-05	1.41E-02	1.73E-03	1.24E-02	0.00E+00	0.00E+00	1.11E-01	1.30E-07	1.07E-05	7.27E-05	0.00E+00	1.92E-04	8.23E-10	2.63E-11	1.91E-03	1.99E-05	1.86E-03	1.38E-03	2.28E-05	5.52E-03	8.76E-02	0.00E+00	1.07E-10	1.58E-10	1.68E-05	5.34E-07	1.21E-02	0.00E+00	8.76E-02	2.43E-10	8.76E-02	9.97E-02	1.21E-02	0.00E+00	0.00E+00	0.00E+00	9.78E-04
VZ917N	3.46E-05	2.00E-02	2.17E-03	1.78E-02	0.00E+00	0.00E+00	1.42E-01	1.75E-07	1.39E-05	9.63E-05	0.00E+00	2.46E-04	1.03E-09	3.41E-11	2.78E-03	2.50E-05	2.55E-03	2.59E-03	3.30E-05	8.04E-03	1.18E-01	0.00E+00	1.40E-10	2.13E-10	2.21E-05	7.48E-07	1.64E-02	0.00E+00	1.18E-01	3.37E-10	1.18E-01	1.34E-01	1.64E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03
VZ918N	3.51E-05	1.94E-02	2.28E-03	1.70E-02	0.00E+00	0.00E+00	1.53E-01	1.78E-07	1.47E-05	9.99E-05	0.00E+00	2.64E-04	1.13E-09	3.62E-11	2.63E-03	2.73E-05	2.55E-03	1.86E-03	3.13E-05	7.58E-03	1.20E-01	0.00E+00	1.47E-10	2.17E-10	2.30E-05	7.34E-07	1.66E-02	0.00E+00	1.20E-01	3.34E-10	1.20E-01	1.37E-01	1.66E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
VZ920N	3.81E-05	2.10E-02	2.39E-03	1.87E-02	0.00E+00	0.00E+00	1.29E-01	1.85E-07	1.46E-05	1.02E-04	0.00E+00	2.60E-04	1.09E-09	3.62E-11	2.91E-03	2.83E-05	3.04E-03	2.47E-03	3.94E-05	8.46E-03	1.24E-01	0.00E+00	1.48E-10	2.32E-10	2.33E-05	7.88E-07	1.73E-02	0.00E+00	1.24E-01	3.52E-10	1.24E-01	1.41E-01	1.73E-02	0.00E+00	0.00E+00	0.00E+00	1.48E-03
VZ921N	5.46E-05	2.91E-02	3.21E-03	2.54E-02	0.00E+00	0.00E+00	2.38E-01	2.72E-07	2.28E-05	1.53E-04	0.00E+00	4.10E-04	1.76E-09	5.59E-11	3.91E-03	4.26E-05	3.26E-03	2.73E-03	4.65E-05	1.12E-02	1.84E-01	0.00E+00	2.27E-10	3.30E-10	3.54E-05	1.11E-06	2.53E-02	0.00E+00	1.84E-01	5.05E-10	1.84E-01	2.09E-01	2.53E-02	0.00E+00	0.00E+00	0.00E+00	2.00E-03
VZ922N	7.39E-05	3.70E-02	4.57E-03	3.14E-02	0.00E+00	0.00E+00	3.52E-01	3.70E-07	3.31E-05	2.15E-04	0.00E+00	6.00E-04	2.64E-09	8.08E-11	4.78E-03	6.40E-05	3.84E-03	2.07E-03	5.64E-05	1.35E-02	2.53E-01	0.00E+00	3.25E-10	4.49E-10	4.98E-05	1.43E-06	3.44E-02	0.00E+00	2.53E-01	6.83E-10	2.53E-01	2.87E-01	3.44E-02	0.00E+00	0.00E+00	0.00E+00	2.42E-03
VZ923N	4.04E-04	5.97E-03	3.61E-04	6.33E-03	0.00E+00	0.00E+00	1.60E-02	2.28E-08	7.21E-07	5.10E-08	0.00E+00	2.11E-05	1.72E-10	1.31E-12	1.05E-03	4.16E-06	1.74E-03	2.48E-03	1.33E-05	3.30E-03	1.22E-02	0.00E+00	1.28E-12	2.84E-11	8.16E-07	1.91E-07	2.31E-03	0.00E+00	1.22E-02	7.56E-11	1.22E-02	1.45E-02	2.31E-03	0.00E+00	0.00E+00	0.00E+00	5.60E-04
VZ924N	7.39E-05	3.70E-02	4.57E-03	3.14E-02	0.00E+00	0.00E+00	3.52E-01	3.70E-07	3.31E-05	2.15E-04	0.00E+00	6.00E-04	2.64E-09	8.08E-11	4.78E-03	6.40E-05	3.84E-03	2.07E-03	5.64E-05	1.35E-02	2.53E-01	0.00E+00	3.25E-10	4.49E-10	4.98E-05	1.43E-06	3.44E-02	0.00E+00	2.53E-01	6.83E-10	2.53E-01	2.87E-01	3.44E-02	0.00E+00	0.00E+00	0.00E+00	2.42E-03
VZ926N	1.66E-05	8.34E-03	1.04E-03	7.30E-03	0.00E+00	0.00E+00	6.88E-02	7.71E-08	6.42E-06	4.33E-05	0.00E+00	1.15E-04	4.94E-10	1.57E-11	1.13E-03	1.19E-05	1.08E-03	7.87E-04	1.34E-05	3.24E-03	5.21E-02	0.00E+00	6.41E-11	9.37E-11	9.99E-06	3.16E-07	7.19E-03	0.00E+00	5.21E-02	1.44E-10	5.21E-02	5.93E-02	7.19E-03	0.00E+00	0.00E+00	0.00E+00	5.75E-04
VZ932N	1.18E-05	4.40E-03	7.89E-05	4.47E-03	0.00E+00	0.00E+00	6.17E-04	2.24E-08	3.99E-07	8.20E-06	0.00E+00	2.98E-08	3.47E-11	1.23E-12	7.32E-04	8.42E-07	8.99E-04	1.20E-04	8.99E-06	2.28E-02	1.34E-02	0.00E+00	7.30E-12	2.77E-11	1.77E-06	1.47E-07	2.20E-03	0.00E+00	1.34E-02	6.05E-11	1.34E-02	1.58E-02	2.20E-03	0.00E+00	0.00E+00	0.00E+00	3.86E-04
VZ950	6.07E-05	1.52E-02	3.96E-03	1.74E-02	0.00E+00	0.00E+00	1.29E-01	3.76E-08	1.63E-05	5.98E-05	0.00E+00	3.34E-04	1.48E-08	3.76E-11	3.07E-03	4.44E-05	4.95E-03	8.20E-04	3.90E-05	1.02E-02	4.18E-02	0.00E+00	1.33E-10	4.31E-11	1.56E-05	3.96E-07	2.60E-03	0.00E+00	4.18E-02	9.55E-11	4.18E-02	4.40E-02	2.60E-03	0.00E+00	0.00E+00	0.00E+00	1.68E-03
VZ951	1.97E-04	6.32E-03	3.12E-02	6.86E-02	0.00E+00	0.00E+00	1.80E+00	8.84E-07	1.49E-04	7.19E-04	0.00E+00	2.91E-03	1.48E-08	3.53E-10	7.91E-03	3.59E-04	1.47E-02	2.49E-02	1.09E-04	3.05E-02	1.04E-01	0.00E+00	1.32E-09	1.05E-09	1.76E-04	7.90E-07	7.72E-02	0.00E+00	6.89E-01	6.98E-10	6.89E-01	7.84E-01	7.72E-02	0.00E+00	0.00E+00	0.00E+00	4.67E-03
FL204B	1.97E-03	8.73E-01	1.84E-01	7.09E-01	0.00E+00	0.00E+00	1.02E+01	9.69E-04	9.37E-04	5.83E-03	0.00E+00	1.72E-02	7.79E-08	2.28E-09	1.98E-01	1.88E-03	6.88E-02	8.20E-04	1.23E-03	2.91E-01	6.71E+00	0.00E+00	9.06E-09	1.17E-08	1.36E-03	3.48E-05	8.95E-01	0.00E+00	6.71E+00	1.65E-08	6.71E+00	7.00E+00	8.95E-01	0.00E+00	0.00E+00	0.00E+00	5.29E-02
FL209B	3.02E-03	1.38E+00	2.55E-01	1.10E+00	0.00E+00	0.00E+00	1.58E+01	1.51E-05	1.49E-03	9.26E-03	0.00E+00	2.68E-02	1.21E-03	3.54E-09	1.64E-01	2.93E-03	9.10E-02	8.20E-04	1.91E-03	4.51E-01	1.04E+01	0.00E+00	1.41E-08	1.83E-08	3.12E-03	5.41E-05	1.39E+00	0.00E+00	1.04E+01	2.56E-08	1.04E+01	1.18E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-02
FL213B	3.05E-03	1.36E+00	2.55E-01	1.10E+00	0.00E+00	0.00E+00	1.58E+01	1.51E-05	1.46E-03	9.06E-03	0.00E+00	2.68E-02	1.21E-03	3.54E-09	1.64E-01	2.93E-03	9.10E-02	8.20E-04	1.91E-03	4.51E-01	1.04E+01	0.00E+00	1.41E-08	1.83E-08	3.12E-03	5.41E-05	1.39E+00	0.00E+00	1.04E+01	2.56E-08	1.04E+01	1.18E+01	1.39E+00	0.00E+00	0.		

B05768	2.65E-03	7.21E-01	1.14E-02	6.40E-01	0.00E+00	0.00E+00	1.14E+00	1.52E-08	4.16E-04	5.80E-03	0.00E+00	-1.71E-03	2.21E-10	6.16E-09	1.74E-02	4.91E-01	5.30E-09	0.00E+00	9.60E-01	2.39E-02	3.96E+00	0.00E+00	2.82E-08	1.26E-08	1.59E-03	6.56E-07	2.09E-01	0.00E+00	3.96E+00	1.05E-08	3.39E+00	3.99E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	2.82E-01	
B05769	2.70E-04	3.95E-02	1.46E-03	3.54E-02	0.00E+00	0.00E+00	1.13E-01	3.86E-07	8.72E-05	3.10E-04	0.00E+00	-1.70E-03	2.57E-11	8.33E-10	1.39E-03	6.09E-02	3.16E-07	0.00E+00	1.54E-01	8.71E-03	4.07E-01	0.00E+00	3.63E-09	1.83E-09	1.04E-04	2.82E-07	2.53E-02	0.00E+00	4.07E-01	1.36E-08	4.07E-01	4.48E-01	2.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-00
B05770	2.70E-04	3.95E-02	1.46E-03	3.54E-02	0.00E+00	0.00E+00	1.13E-01	3.86E-07	8.72E-05	3.10E-04	0.00E+00	-1.70E-03	2.57E-11	8.33E-10	1.39E-03	6.09E-02	3.16E-07	0.00E+00	1.54E-01	8.71E-03	4.07E-01	0.00E+00	3.63E-09	1.83E-09	1.04E-04	2.82E-07	2.53E-02	0.00E+00	4.07E-01	1.36E-08	4.07E-01	4.48E-01	2.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-00
B05774	3.40E-04	6.23E-02	1.84E-03	7.43E-02	0.00E+00	0.00E+00	2.04E-01	4.14E-07	6.24E-05	5.90E-04	0.00E+00	-3.40E-04	3.06E-11	7.23E-10	4.30E-03	1.06E-01	3.16E-07	0.00E+00	3.97E-01	7.61E-03	1.04E+00	0.00E+00	8.19E-09	2.81E-09	1.83E-04	2.30E-07	5.54E-02	0.00E+00	1.04E+00	1.68E-07	1.04E+00	1.11E+00	5.54E-02	0.00E+00	0.00E+00	0.00E+00	7.80E-00	
B06521	2.08E-03	4.62E-01	3.09E-02	4.31E-01	0.00E+00	0.00E+00	1.54E+00	4.00E-08	4.27E-04	4.85E-03	0.00E+00	-2.58E-03	2.68E-10	3.66E-09	3.12E-02	7.96E-01	0.00E+00	0.00E+00	1.88E+00	3.41E-02	6.78E+00	0.00E+00	5.63E-08	2.26E-08	1.39E-03	8.86E-07	3.74E-01	0.00E+00	6.78E+00	2.11E-08	6.78E+00	7.13E+00	3.74E-01	0.00E+00	0.00E+00	0.00E+00	5.62E-01	
B06522	2.96E-03	6.42E-01	3.45E-02	6.09E-01	0.00E+00	0.00E+00	2.27E+00	5.90E-08	6.03E-04	6.84E-03	0.00E+00	-2.48E-03	3.33E-10	5.34E-09	4.41E-02	1.14E+00	0.00E+00	0.00E+00	2.72E+00	3.28E-02	9.62E+00	0.00E+00	7.99E-08	3.23E-08	1.97E-03	8.72E-07	5.99E-01	0.00E+00	9.62E+00	3.15E-08	9.62E+00	1.02E+01	5.99E-01	0.00E+00	0.00E+00	0.00E+00	8.21E+01	
B06523	6.81E-03	1.50E+00	6.95E-02	1.44E+00	0.00E+00	0.00E+00	4.71E+00	1.21E-05	1.41E-03	1.61E-02	0.00E+00	-3.45E-03	8.93E-10	1.12E-09	1.03E-01	2.59E+00	0.00E+00	0.00E+00	5.99E+00	4.57E-02	2.21E+01	0.00E+00	1.65E-07	7.90E-08	4.60E-03	1.20E-06	1.21E+00	0.00E+00	2.21E+01	1.74E-05	2.21E+01	2.02E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+00	
B06524	9.77E-03	2.28E+00	8.34E-02	2.04E+00	0.00E+00	0.00E+00	6.18E+00	1.74E-05	2.02E-03	2.28E-02	0.00E+00	-3.45E-03	1.19E-09	1.59E-09	1.48E-01	3.71E+00	0.00E+00	0.00E+00	8.55E+00	6.58E-02	3.17E+01	0.00E+00	1.90E-07	9.06E-08	5.68E-03	1.68E-06	1.73E+00	0.00E+00	3.17E+01	1.07E-05	3.17E+01	3.35E+01	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.51E+02	
B06525	1.19E-02	2.58E+00	9.20E-02	2.49E+00	0.00E+00	0.00E+00	8.28E+00	2.26E-05	2.42E-03	2.70E-02	0.00E+00	-4.61E-03	1.43E-09	1.95E-09	1.67E-01	4.41E+00	0.00E+00	0.00E+00	1.03E+01	6.12E-02	3.75E+01	0.00E+00	3.11E-07	1.28E-07	7.92E-03	2.06E+00	0.00E+00	3.75E+01	1.33E-05	3.75E+01	3.95E+01	2.06E+00	0.00E+00	0.00E+00	0.00E+00	3.16E+02		
B06526	1.60E-02	3.45E+00	1.21E-01	3.33E+00	0.00E+00	0.00E+00	1.13E+01	3.03E-05	3.26E-03	3.71E-02	0.00E+00	-6.73E-03	1.96E-09	2.66E-09	2.30E-01	6.00E+00	0.00E+00	0.00E+00	1.41E+01	7.62E-02	5.09E+01	0.00E+00	4.24E-07	1.73E-07	1.07E-02	2.25E-06	2.81E+00	0.00E+00	5.09E+01	1.79E-05	5.09E+01	6.38E+01	2.81E+00	0.00E+00	0.00E+00	0.00E+00	4.26E+02	
B06527	2.42E-02	6.13E+00	1.70E-01	4.96E+00	0.00E+00	0.00E+00	1.72E+01	4.75E-05	4.87E-03	5.54E-02	0.00E+00	-7.30E-03	2.92E-09	4.02E-09	3.38E-01	9.02E+00	0.00E+00	0.00E+00	2.13E+01	9.71E-02	7.85E+01	0.00E+00	6.35E-07	2.83E-07	1.60E-02	2.95E-06	4.23E+00	0.00E+00	7.85E+01	2.78E-05	7.85E+01	8.08E+01	4.23E+00	0.00E+00	0.00E+00	0.00E+00	6.57E+02	
B06528	3.45E-02	1.10E+01	2.27E-01	1.07E+01	0.00E+00	0.00E+00	2.08E+01	4.85E-05	8.57E-03	9.86E-02	0.00E+00	-1.08E-02	3.81E-09	5.10E-09	3.48E-01	1.09E+01	0.00E+00	0.00E+00	2.93E+01	1.43E-01	8.45E+01	0.00E+00	7.27E-07	3.27E-07	2.59E-02	4.26E-06	4.89E+00	0.00E+00	8.45E+01	2.75E-05	8.45E+01	6.91E+01	4.89E+00	0.00E+00	0.00E+00	0.00E+00	7.57E+02	
B06534	2.85E-03	5.41E-01	4.22E-02	4.99E-01	0.00E+00	0.00E+00	2.09E+00	5.12E-08	6.59E-04	5.66E-03	0.00E+00	-3.65E-03	6.44E-10	8.95E-09	3.73E-02	9.75E-01	0.00E+00	0.00E+00	3.42E+00	4.92E-02	7.85E+00	0.00E+00	6.43E-08	2.61E-08	1.61E-03	1.23E-06	4.67E-01	0.00E+00	7.85E+00	2.19E-08	7.85E+00	8.32E+00	4.67E-01	0.00E+00	0.00E+00	0.00E+00	7.33E+01	
B06537	4.20E-03	7.68E-01	5.90E-02	7.10E-01	0.00E+00	0.00E+00	3.14E+00	7.71E-05	1.31E-03	7.81E-02	0.00E+00	-4.88E-03	3.54E-10	1.41E-09	5.25E-02	1.42E+00	0.00E+00	0.00E+00	5.95E+00	6.42E-02	1.12E+01	0.00E+00	9.15E-09	3.76E-09	3.21E-04	1.65E-06	6.80E-01	0.00E+00	1.12E+01	3.19E-05	1.12E+01	1.19E+01	1.65E-06	0.00E+00	0.00E+00	0.00E+00	1.09E+02	
B06540	8.55E-03	1.71E+00	1.05E-01	1.60E+00	0.00E+00	0.00E+00	8.84E+00	1.41E-05	2.58E-03	1.75E-02	0.00E+00	-3.22E-03	1.04E-09	2.53E-09	1.12E-01	2.88E+00	0.00E+00	0.00E+00	7.00E+00	1.10E-01	2.34E+01	0.00E+00	1.92E-07	8.32E-08	4.98E-03	2.88E-06	1.37E+00	0.00E+00	2.34E+01	6.88E-04	2.34E+01	2.48E+01	1.37E+00	0.00E+00	0.00E+00	0.00E+00	2.08E+02	
B06541	1.50E-02	2.94E+00	1.96E-01	2.78E+00	0.00E+00	0.00E+00	9.95E+00	2.53E-05	4.54E-03	3.01E-02	0.00E+00	-1.15E-02	1.73E-09	4.43E-09	1.81E-01	4.95E+00	0.00E+00	0.00E+00	1.19E+01	1.52E-01	3.97E+01	0.00E+00	3.26E-07	1.38E-07	8.63E-03	4.00E-06	2.32E+00	0.00E+00	3.97E+01	1.23E-05	3.97E+01	4.20E+01	3.22E+00	0.00E+00	0.00E+00	0.00E+00	3.68E+02	
B06542	1.30E-02	2.44E+00	1.43E-01	2.31E+00	0.00E+00	0.00E+00	8.62E+00	2.08E-05	4.13E-03	2.54E-02	0.00E+00	-1.08E-02	1.54E-09	4.12E-09	1.65E-01	4.31E+00	0.00E+00	0.00E+00	1.04E+01	1.42E-01	3.42E+01	0.00E+00	2.85E-07	1.15E-07	7.30E-03	3.72E-06	2.03E+00	0.00E+00	3.42E+01	6.94E-04	3.42E+01	3.65E+01	2.03E+00	0.00E+00	0.00E+00	0.00E+00	3.03E+02	
B06544	3.04E-02	5.77E+00	2.71E-01	5.50E+00	0.00E+00	0.00E+00	2.91E+01	5.23E-05	8.05E-03	5.99E-02	0.00E+00	-1.79E-02	3.46E-09	8.88E-09	3.63E-01	1.06E+01	0.00E+00	0.00E+00	2.42E+01	2.37E-01	8.04E+01	0.00E+00	6.60E-07	2.77E-07	1.73E-02	6.36E-06	4.70E+00	0.00E+00	8.04E+01	2.62E-05	8.04E+01	8.51E+01	4.70E+00	0.00E+00	0.00E+00	0.00E+00	7.51E+02	
B08700	3.83E-03	7.22E+00	4.38E-02	2.84E+00	0.00E+00	0.00E+00	2.19E+00	4.32E-05	1.75E-03	2.07E-02	0.00E+00	-6.42E-01	3.52E-10	2.49E-09	3.11E-02	5.19E-01	0.00E+00	0.00E+00	1.50E+00	7.15E+00	4.75E+00	0.00E+00	4.32E-08	1.13E-08	4.48E-03	1.73E-04	-3.79E-01	0.00E+00	4.75E+00	-6.10E-05	4.75E+00	4.37E+00	-3.79E-01	0.00E+00	0.00E+00	0.00E+00	5.40E-01	
B08702	3.83E-03	7.22E+00	4.38E-02	2.84E+00	0.00E+00	0.00E+00	2.19E+00	4.32E-05	1.75E-03	2.07E-02	0.00E+00	-6.42E-01	3.52E-10	2.49E-09	3.11E-02	5.19E-01	0.00E+00	0.00E+00	1.50E+00	7.15E+00	4.75E+00	0.00E+00	4.32E-08	1.13E-08	4.48E-03	1.73E-04	-3.79E-01	0.00E+00	4.75E+00	-6.10E-05	4.75E+00	4.37E+00	-3.79E-01	0.00E+00	0.00E+00	0.00E+00	5.40E-01	
B08704	1.03E-02	1.95E+00	4.40E-01	1.83E+00	0.00E+00	0.00E+00	5.00E+00	1.28E-05	2.06E-03	1.94E-02	0.00E+00	-1.02E-01	8.99E-10	2.20E-09	1.15E-01	3.60E+00	4.05E-06	0.00E+00	5.34E+00	5.52E+00	2.98E+00	0.00E+00	1.90E-07	9.72E-08	5.92E-03	3.91E-05	7.04E-01	0.00E+00	4.76E+00	1.44E-05	4.76E+00	4.37E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	1.94E+02	
B08705	9.90E-03	2.22E+00	1.30E-01	1.88E+00	0.00E+00	0.00E+00	4.68E+00	1.24E-05	2.17E-03	2.00E-02	0.00E+00	-1.33E-01	8.99E-10	2.22E-09	1.15E-01	3.69E+00	4.05E-06	0.00E+00	5.01E+00	2.02E+00	2.88E+00	0.00E+00	2.12E-07	9.72E-08	6.09E-03	3.75E-05	5.07E-01	0.00E+00	2.88E+00	-1.64E-05	2.88E+00	2.76E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00	1.83E+02	
B08712	7.25E-04	1.06E-01	6.04E-03	1.33E-01	0.00E+00	0.00E+00	5.58E-01	1.02E-04	1.02E-04	9.73E-04	0.00E+00	-1.07E-03	1.33E-10	1.40E-09	1.40E-02	2.50E-01	6.30E-09	0.00E+00	6.20E-01	1.71E-02	2.47E+00	0.00E+00	2.09E-08	6.55E-09	3.05E-04	4.11E-07	1.36E-01	0.00E+00	2.47E+00	6.26E-07	2.47E+00	2.06E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	1.63E+01	
B08716	7.14E-04	1.08E-01	5.92E-03	1.32E-01	0.00E+00	0.00E+00	5.48E-01	8.98E-07	1.02E-04	8.61E-04	0.00E+00	-8.90E-04	1.19E-10	1.40E-09	1.42E-02	2.50E-01	6.30E-09	0.00E+00	6.17E-01	1.52E-02	2.47E+00	0.00E+00	2.08E-08	6.50E-09	3.02E-04	3.91E-07	1.36E-01	0.00E+00	2.47E+00	6.27E-07	2.47E+00	2.06E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	1.60E+01	
FV22A	1.71E-02	6.28E+00	1.52E-01	4.43E+00	0.00E+00	0.00E+00	1.50E+01	2.87E-05	4.45E-03	4.48E-02	0.00E+00	-6.55E-02	2.63E-09	3.10E-09	2.44E-01	8.31E+00	1.65E-05	0.00E+00	1.60E+01	6.02E-01	5.08E+01	0.00E+00	4.59E-07	1.98E-07	1.39E-02	1.76E-05	4.15E+00	0.00E+00	5.08E+01	3.92E-06	5.08E+01	6.27E+01	4.15					

GD313B	1.97E-02	3.49E+00	7.03E-02	3.42E+00	0.00E+00	0.00E+00	0.94E+00	1.98E+05	5.66E-03	3.10E-02	0.00E+00	-2.02E-03	1.72E-09	5.16E-08	1.05E-01	3.97E+00	3.80E-07	0.00E+00	0.90E+00	2.70E-02	2.52E+01	0.00E+00	2.13E-07	1.91E+07	8.12E-03	8.91E-07	1.76E+00	0.00E+00	2.52E+01	7.26E-08	2.52E+01	2.99E+01	1.76E+00	0.00E+00	0.00E+00	0.00E+00	3.09E+02
GD313D	9.17E-03	1.72E+00	6.72E-02	1.75E+00	0.00E+00	0.00E+00	8.81E+00	1.40E-05	3.10E-03	1.78E-02	0.00E+00	-1.76E-03	1.27E-08	3.32E-08	1.14E-01	3.19E+00	8.26E-05	0.00E+00	8.01E+00	4.54E-02	2.38E+01	0.00E+00	1.96E-07	8.24E-08	5.37E-03	1.29E-06	1.52E+00	0.00E+00	2.38E+01	6.92E-08	2.38E+01	2.55E+01	1.52E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+02
GD313F	1.42E-02	2.27E+00	6.57E-02	2.52E+00	0.00E+00	0.00E+00	7.78E+00	1.60E-05	4.11E-03	2.28E-02	0.00E+00	-1.88E-03	1.52E-09	3.97E-08	1.10E-01	3.41E+00	3.07E-07	0.00E+00	8.20E+00	4.49E-02	2.45E+01	0.00E+00	2.00E-07	8.56E-08	6.58E-03	1.14E-06	1.81E+00	0.00E+00	2.45E+01	7.04E-08	2.45E+01	2.57E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	2.60E+02
GD313G	1.09E-02	1.71E+00	6.35E-02	1.84E+00	0.00E+00	0.00E+00	8.77E+00	2.02E-05	3.99E-03	1.82E-02	0.00E+00	-1.84E-03	1.53E-09	4.34E-08	1.23E-01	3.53E+00	3.06E-07	0.00E+00	9.10E+00	2.45E-02	2.59E+01	0.00E+00	2.10E-07	8.78E-08	5.34E-03	7.98E-07	1.73E+00	0.00E+00	2.59E+01	7.96E-08	2.59E+01	2.27E+01	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.87E+02
GD313H	1.25E-02	2.51E+00	6.91E-02	2.18E+00	0.00E+00	0.00E+00	8.40E+00	1.75E-05	3.57E-03	2.04E-02	0.00E+00	-1.49E-03	1.67E-09	4.56E-08	1.16E-01	3.57E+00	1.91E-04	0.00E+00	8.89E+00	2.33E-02	2.51E+01	0.00E+00	2.07E-07	8.99E-08	6.39E-03	9.52E-07	1.70E+00	0.00E+00	2.51E+01	7.28E-08	2.51E+01	2.70E+01	1.70E+00	0.00E+00	0.00E+00	0.00E+00	2.77E+02
GD313J	1.01E-02	1.77E+00	6.50E-02	1.83E+00	0.00E+00	0.00E+00	8.99E+00	1.42E-05	3.37E-03	1.81E-02	0.00E+00	-1.87E-03	1.29E-09	3.62E-08	1.14E-01	3.23E+00	2.45E-07	0.00E+00	8.12E+00	4.47E-02	2.43E+01	0.00E+00	1.97E-07	8.28E-08	6.42E-03	1.14E-06	1.55E+00	0.00E+00	2.43E+01	7.03E-08	2.43E+01	2.58E+01	1.55E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+02
GD313M	1.30E-02	2.54E+00	6.91E-02	2.30E+00	0.00E+00	0.00E+00	8.45E+00	2.14E-05	4.66E-03	2.07E-02	0.00E+00	-1.69E-03	1.72E-09	4.99E-08	1.09E-01	3.53E+00	2.91E-07	0.00E+00	9.74E+00	4.62E-02	2.48E+01	0.00E+00	2.02E-07	8.93E-08	6.39E-03	1.21E-06	1.67E+00	0.00E+00	2.48E+01	7.33E-08	2.48E+01	2.61E+01	1.67E+00	0.00E+00	0.00E+00	0.00E+00	2.80E+02
GD313S	1.20E-02	1.67E+00	6.70E-02	1.78E+00	0.00E+00	0.00E+00	8.22E+00	1.74E-05	4.78E-03	1.86E-02	0.00E+00	-1.86E-03	1.67E-09	5.16E-08	1.25E-01	3.72E+00	3.80E-07	0.00E+00	8.13E+00	2.45E-02	2.68E+01	0.00E+00	2.14E-07	9.07E-08	6.52E-03	8.06E-07	1.80E+00	0.00E+00	2.68E+01	7.30E-08	2.68E+01	2.83E+01	1.80E+00	0.00E+00	0.00E+00	0.00E+00	3.04E+02
GD313U	1.53E-02	2.87E+00	6.77E-02	2.86E+00	0.00E+00	0.00E+00	8.44E+00	1.76E-05	5.09E-03	2.49E-02	0.00E+00	-1.67E-03	1.67E-09	4.88E-08	1.09E-01	3.60E+00	2.23E-07	0.00E+00	8.88E+00	2.47E-02	2.38E+01	0.00E+00	1.97E-07	8.93E-08	6.90E-03	8.25E-07	1.69E+00	0.00E+00	2.38E+01	6.94E-08	2.38E+01	2.58E+01	1.69E+00	0.00E+00	0.00E+00	0.00E+00	2.82E+02
GD318A	1.38E-02	2.23E+00	7.31E-02	2.16E+00	0.00E+00	0.00E+00	1.11E+01	2.68E-05	4.73E-03	2.39E-02	0.00E+00	-1.47E-03	1.91E-08	5.14E-08	1.55E-01	4.53E+00	3.60E-07	0.00E+00	1.17E+01	1.97E-02	3.40E+01	0.00E+00	2.74E-07	1.17E-07	7.04E-03	7.37E-07	2.21E+00	0.00E+00	3.40E+01	1.12E-05	3.40E+01	3.62E+01	2.21E+00	0.00E+00	0.00E+00	0.00E+00	3.74E+02
GD318B	2.52E-02	4.32E+00	9.10E-02	4.23E+00	0.00E+00	0.00E+00	1.23E+01	2.52E-05	7.51E-03	3.92E-02	0.00E+00	-2.75E-03	2.24E-09	7.02E-08	1.29E-01	4.86E+00	3.80E-07	0.00E+00	1.15E+01	3.67E-02	3.07E+01	0.00E+00	2.99E-07	1.34E-07	1.00E-02	1.88E-06	2.21E+00	0.00E+00	3.07E+01	8.51E-04	3.07E+01	3.30E+01	3.21E+00	0.00E+00	0.00E+00	0.00E+00	3.94E+02
GD318M	1.29E-02	2.72E+00	8.34E-02	2.92E+00	0.00E+00	0.00E+00	8.43E+00	1.90E-05	3.68E-03	2.94E-02	0.00E+00	-1.40E-03	1.57E-09	4.89E-08	1.48E-01	4.39E+00	8.90E-09	0.00E+00	9.77E+00	2.07E-02	3.27E+01	0.00E+00	2.63E-07	1.15E-07	8.00E-03	7.95E-07	1.93E+00	0.00E+00	3.27E+01	9.78E-08	3.27E+01	3.47E+01	1.93E+00	0.00E+00	0.00E+00	0.00E+00	2.92E+02
GD318S	1.64E-02	2.28E+00	8.02E-02	2.19E+00	0.00E+00	0.00E+00	1.24E+01	2.85E-05	6.77E-03	2.42E-02	0.00E+00	-2.75E-03	2.16E-09	7.37E-08	1.58E-01	4.93E+00	3.60E-07	0.00E+00	1.12E+01	3.67E-02	3.43E+01	0.00E+00	2.76E-07	1.19E-07	7.22E-03	1.15E-06	2.28E+00	0.00E+00	3.43E+01	1.05E-05	3.43E+01	3.07E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	4.11E+02
GD413B	2.33E-02	4.12E+00	9.42E-02	4.04E+00	0.00E+00	0.00E+00	1.16E+01	2.41E-05	6.72E-03	3.66E-02	0.00E+00	-2.36E-03	2.10E-09	6.22E-08	1.25E-01	4.61E+00	3.90E-07	0.00E+00	1.07E+01	3.19E-02	2.98E+01	0.00E+00	2.51E-07	1.19E-07	9.65E-03	1.05E-06	2.11E+00	0.00E+00	2.98E+01	8.44E-04	2.98E+01	3.9E+01	3.11E+00	0.00E+00	0.00E+00	0.00E+00	3.73E+02
GD413D	1.33E-02	2.59E+00	7.14E-02	2.21E+00	0.00E+00	0.00E+00	8.96E+00	1.82E-05	3.63E-03	2.46E-02	0.00E+00	-1.50E-03	1.64E-09	4.62E-08	1.27E-01	3.62E+00	1.91E-04	0.00E+00	9.23E+00	2.26E-02	2.68E+01	0.00E+00	2.24E-07	9.85E-08	7.01E-03	1.00E-06	1.76E+00	0.00E+00	2.68E+01	8.63E-06	2.68E+01	2.92E+01	1.76E+00	0.00E+00	0.00E+00	0.00E+00	2.82E+02
GD413F	1.67E-02	2.82E+00	6.99E-02	2.82E+00	0.00E+00	0.00E+00	8.82E+00	1.85E-05	6.01E-03	2.74E-02	0.00E+00	-2.12E-03	1.83E-09	4.75E-08	1.33E-01	3.79E+00	1.52E-06	0.00E+00	9.47E+00	4.40E-02	2.87E+01	0.00E+00	2.41E-07	1.09E-07	7.48E-03	1.18E-06	1.82E+00	0.00E+00	2.87E+01	8.63E-06	2.87E+01	3.18E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	2.94E+02
GD413J	1.45E-02	2.67E+00	6.99E-02	2.35E+00	0.00E+00	0.00E+00	8.64E+00	1.82E-05	5.93E-03	2.45E-02	0.00E+00	-1.52E-03	1.73E-09	4.76E-08	1.26E-01	3.65E+00	2.39E-07	0.00E+00	9.39E+00	4.30E-02	2.69E+01	0.00E+00	2.25E-07	9.69E-08	7.59E-03	1.15E-06	1.77E+00	0.00E+00	2.69E+01	6.71E-04	2.69E+01	2.89E+01	1.77E+00	0.00E+00	0.00E+00	0.00E+00	2.97E+02
GD413M	1.37E-02	2.64E+00	7.15E-02	2.31E+00	0.00E+00	0.00E+00	8.63E+00	1.85E-05	5.10E-03	2.49E-02	0.00E+00	-1.90E-03	1.80E-09	4.79E-08	1.39E-01	3.86E+00	2.28E-07	0.00E+00	9.96E+00	4.57E-02	2.96E+01	0.00E+00	2.44E-07	1.10E-07	7.51E-03	1.23E-06	1.83E+00	0.00E+00	2.96E+01	8.30E-04	2.96E+01	3.23E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	2.96E+02
GD413U	1.60E-02	2.89E+00	7.31E-02	2.80E+00	0.00E+00	0.00E+00	8.69E+00	1.85E-05	5.19E-03	2.73E-02	0.00E+00	-1.67E-03	1.70E-09	4.86E-08	1.32E-01	3.78E+00	2.16E-07	0.00E+00	9.29E+00	2.44E-02	2.84E+01	0.00E+00	2.38E-07	1.08E-07	7.50E-03	8.43E-07	1.81E+00	0.00E+00	2.84E+01	8.60E-06	2.84E+01	3.15E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+02
GD418A	1.83E-02	2.66E+00	8.91E-02	2.57E+00	0.00E+00	0.00E+00	1.38E+01	3.27E-05	5.50E-03	2.85E-02	0.00E+00	-1.84E-03	2.36E-09	6.10E-08	1.87E-01	5.43E+00	3.80E-07	0.00E+00	1.42E+01	2.47E-02	4.06E+01	0.00E+00	3.27E-07	1.39E-07	6.98E-03	9.08E-07	2.69E+00	0.00E+00	4.06E+01	1.32E-05	4.06E+01	4.33E+01	2.69E+00	0.00E+00	0.00E+00	0.00E+00	4.54E+02
GD418B	2.18E-02	3.66E+00	1.31E-01	3.48E+00	0.00E+00	0.00E+00	1.67E+01	3.84E-05	8.52E-03	3.66E-02	0.00E+00	-3.67E-03	2.92E-09	9.03E-08	2.10E-01	6.63E+00	6.90E-07	0.00E+00	1.69E+01	4.90E-02	4.98E+01	0.00E+00	3.77E-07	1.65E-07	1.05E-02	1.54E-06	3.18E+00	0.00E+00	4.98E+01	1.46E-05	4.98E+01	4.97E+01	3.18E+00	0.00E+00	0.00E+00	0.00E+00	5.52E+02
GD418M	1.64E-02	3.64E+00	1.00E-01	3.58E+00	0.00E+00	0.00E+00	1.16E+01	2.56E-05	4.17E-03	3.31E-02	0.00E+00	-1.56E-03	2.02E-09	5.77E-08	1.69E-01	4.88E+00	8.64E-09	0.00E+00	1.23E+01	2.40E-02	3.59E+01	0.00E+00	2.99E-07	1.26E-07	8.87E-03	9.74E-07	2.37E+00	0.00E+00	3.59E+01	1.04E-05	3.59E+01	3.44E+01	2.37E+00	0.00E+00	0.00E+00	0.00E+00	3.89E+02
GD418S	2.69E-02	4.42E+00	9.81E-02	4.33E+00	0.00E+00	0.00E+00	1.41E+01	2.87E-05	6.02E-03	3.94E-02	0.00E+00	-2.75E-03	2.54E-09	7.80E-08	1.42E-01	5.27E+00	3.60E-07	0.00E+00	1.29E+01	3.68E-02	3.32E+01	0.00E+00	2.79E-07	1.32E-07	1.04E-02	1.20E-06	2.48E+00	0.00E+00	3.32E+01	8.99E-06	3.32E+01	3.96E+01	2.45E+00	0.00E+00	0.00E+00	0.00E+00	4.38E+02
GD418SMB	1.09E-02	2.52E+00	7.84E-02	2.17E+00	0.00E+00	0.00E+00	8.99E+00	1.98E-05	3.70E-03	2.43E-02	0.00E+00	-1.64E-03	1.83E-09	3.50E-08	1.43E-01	3.97E+00	3.17E-08	0.00E+00	1.01E+01	3.73E-02	2.87E+01	0.00E+00	2.49E-07	1.02E-07	7.20E-03	1.22E-06	1.91E+00	0.00E+00	2.87E+01	5.92E-04	2.87E+01	3.29E+01	1.91E+00	0.00E+00	0.00E+00	0.00E+00	3.21E+02
GL24PP	1.42E-02	3.28E+00	8.09E-02	3.35E+00	0.00E+00	0.00E+00	9.29E+00	1.79E-05	4.76E-03	3.19E-02	0.00E+00	-2.04E-03	1.90E-09	3.49E-08	1.44E-01	4.21E+00	6.22E-05	0.00E+00	9.89E+00	4.08E-02	3.07E+01	0.00E+00	2.51E-07	1.10E-07	8.32E-03	1.37E-06	1.93E+00	0.00E+00	3.07E+01	8.20E-04	3.07E+01	3.30E+01	1.93E+00	0			

JK113B13	7.08E-03	3.84E+00	1.07E+02	2.63E+00	0.00E+00	0.00E+00	4.91E+00	1.06E-05	2.59E-03	2.14E-02	0.00E+00	-1.39E-01	1.08E-09	1.19E-09	7.33E-02	2.04E+00	1.59E-04	0.00E+00	5.38E+00	1.80E+00	1.78E+01	0.00E+00	1.67E-07	6.11E-08	5.18E-03	3.45E-05	6.08E-01	0.00E+00	1.78E+01	-1.19E-05	1.78E+01	1.58E+01	8.08E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+02
JK113B20	7.37E-03	5.53E+00	1.11E+02	2.65E+00	0.00E+00	0.00E+00	4.57E+00	7.64E-05	2.78E-03	1.95E-02	0.00E+00	-1.41E-01	1.01E-09	2.05E-08	7.86E-02	2.64E+00	1.62E-04	0.00E+00	4.79E+00	1.82E+00	1.96E+01	0.00E+00	1.83E-07	7.19E-08	5.03E-03	3.49E-05	8.54E-01	0.00E+00	1.96E+01	-9.40E-06	1.96E+01	1.64E+01	8.54E-01	0.00E+00	0.00E+00	0.00E+00	1.53E+02
JK113B26	7.17E-03	5.58E+00	2.21E+02	2.60E+00	0.00E+00	0.00E+00	4.29E+00	6.81E-04	2.28E-03	1.83E-02	0.00E+00	-1.83E-01	9.93E-10	2.04E-08	7.12E-02	2.19E+00	1.61E-04	0.00E+00	4.21E+00	2.20E+00	1.65E+01	0.00E+00	1.70E-07	6.88E-08	4.92E-03	4.76E-05	7.91E-01	0.00E+00	1.65E+01	-2.15E-05	1.65E+01	1.46E+01	7.91E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
JK213	3.14E-03	7.40E+00	4.62E+02	2.99E+00	0.00E+00	0.00E+00	9.94E-01	2.46E-03	1.79E-03	2.10E-02	0.00E+00	-5.48E-01	5.53E-10	2.26E-08	2.14E-02	1.77E-01	3.70E-04	0.00E+00	2.56E-01	7.23E+00	1.74E+01	0.00E+00	2.24E-08	1.47E-08	4.32E-03	1.75E-04	5.82E-01	0.00E+00	1.74E+01	-4.34E-05	1.74E+01	1.16E+01	8.62E-01	0.00E+00	0.00E+00	0.00E+00	8.29E+00
JK213D	3.46E-03	7.46E+00	4.42E+02	3.04E+00	0.00E+00	0.00E+00	1.17E+00	4.24E-03	1.82E-03	2.17E-02	0.00E+00	-5.48E-01	5.86E-10	2.30E-08	2.09E-02	2.70E-04	0.00E+00	5.13E-01	7.23E+00	2.82E+00	0.00E+00	3.17E-08	4.93E-08	4.54E-03	1.75E-04	5.82E-01	0.00E+00	2.82E+00	-8.30E-05	2.82E+00	2.29E+00	8.27E-01	0.00E+00	0.00E+00	0.00E+00	1.46E+01	
JS013	2.08E-03	4.31E+00	2.48E+02	1.83E+00	0.00E+00	0.00E+00	6.54E-01	1.41E-08	1.09E-03	1.30E-02	0.00E+00	-3.08E-01	3.10E-10	1.30E-08	1.39E-02	1.77E-01	1.35E-04	0.00E+00	2.43E-01	4.05E+00	1.45E+00	0.00E+00	1.75E-08	3.23E-08	2.72E-03	9.85E-05	-3.00E-01	0.00E+00	1.45E+00	-3.55E-05	1.45E+00	1.15E+00	-3.00E-01	0.00E+00	0.00E+00	0.00E+00	7.76E+00
JS013C	2.37E-03	5.14E+00	3.00E+02	2.14E+00	0.00E+00	0.00E+00	7.38E-01	1.09E-08	1.27E-03	1.51E-02	0.00E+00	-3.72E-01	3.30E-10	1.59E-08	1.57E-01	1.35E-04	0.00E+00	2.47E-01	4.91E+00	1.52E+00	0.00E+00	1.68E-08	2.75E-08	3.14E-03	1.19E-04	-3.76E-01	0.00E+00	1.52E+00	-3.40E-05	1.52E+00	1.15E+00	-3.76E-01	0.00E+00	0.00E+00	0.00E+00	7.90E+00	
JZ103	3.19E-04	6.91E-02	1.82E-03	8.78E-02	0.00E+00	0.00E+00	1.85E-04	4.15E-07	8.95E-05	7.83E-04	0.00E+00	1.94E-04	1.20E-10	5.65E-03	1.23E-01	4.06E-05	0.00E+00	2.58E-01	6.03E+00	1.06E+00	0.00E+00	6.24E-09	3.47E-09	2.21E-04	6.84E-08	5.73E-02	0.00E+00	1.02E+00	-4.36E-05	1.02E+00	1.15E+00	6.03E-02	0.00E+00	0.00E+00	0.00E+00	6.62E+00	
JZ104	2.20E-04	4.99E-02	1.62E-03	4.73E-02	0.00E+00	0.00E+00	2.64E-01	5.44E-07	4.73E-05	6.28E-04	0.00E+00	2.91E-05	1.75E-10	5.59E-03	1.44E-03	9.52E-02	9.81E-05	0.00E+00	2.49E-01	4.88E+00	1.74E+00	0.00E+00	6.28E-09	2.39E-09	1.48E-04	6.52E-08	5.00E-02	0.00E+00	7.74E-01	2.20E-07	7.74E-01	8.24E-01	5.00E-02	0.00E+00	0.00E+00	0.00E+00	7.25E+00
JZ131	3.20E-04	9.30E-02	1.53E-03	9.74E-02	0.00E+00	0.00E+00	2.06E-01	3.93E-07	6.11E-05	9.42E-04	0.00E+00	2.72E-05	4.04E-11	4.97E-03	4.72E-03	1.11E-01	0.00E+00	0.00E+00	2.49E-01	1.28E-05	9.22E-07	0.00E+00	7.02E-09	3.11E-09	2.43E-04	9.11E-09	5.24E-02	0.00E+00	9.22E-07	2.53E-07	9.22E-07	9.73E-01	5.24E-02	0.00E+00	0.00E+00	0.00E+00	6.72E+00
JZ132	2.26E-03	6.96E-01	1.09E-02	8.85E-01	0.00E+00	0.00E+00	1.22E+00	2.54E-08	5.69E-04	6.60E-03	0.00E+00	5.41E-05	6.49E-10	3.08E-09	3.25E-02	7.63E-01	1.83E-04	0.00E+00	1.90E+00	9.96E-04	6.37E+00	0.00E+00	5.43E-08	2.19E-08	1.70E-03	1.71E-07	3.74E-01	0.00E+00	6.37E+00	1.87E-04	6.37E+00	6.74E+00	3.74E-01	0.00E+00	0.00E+00	0.00E+00	5.52E+01
JZ181	4.14E-04	1.28E-01	1.93E-03	1.26E-01	0.00E+00	0.00E+00	2.48E-01	4.74E-07	1.05E-04	1.22E-03	0.00E+00	4.49E-10	6.05E-10	6.11E-03	1.43E-01	0.00E+00	0.00E+00	3.13E-01	1.65E-05	1.19E+00	0.00E+00	1.02E-08	4.01E-09	3.15E-04	1.18E-08	6.66E-02	0.00E+00	1.19E+00	3.29E-07	1.18E+00	1.26E+00	6.66E-02	0.00E+00	0.00E+00	0.00E+00	8.32E+00	
JZ182	2.75E-03	8.48E-01	1.30E-02	8.95E-01	0.00E+00	0.00E+00	1.44E+00	3.92E-08	6.94E-04	8.06E-03	0.00E+00	5.41E-05	6.96E-10	3.65E-09	3.97E-02	9.26E-01	1.83E-04	0.00E+00	2.23E+00	1.02E-03	7.76E+00	0.00E+00	6.64E-08	2.06E-08	2.09E-03	1.84E-07	4.07E-01	0.00E+00	7.76E+00	2.27E-06	7.76E+00	8.21E+00	4.47E-01	0.00E+00	0.00E+00	0.00E+00	6.36E+01
TN904	2.33E-04	4.56E-02	9.98E-04	3.62E-02	0.00E+00	0.00E+00	1.32E-01	2.82E-07	3.14E-05	3.45E-04	0.00E+00	3.13E-05	2.06E-10	1.82E-03	6.74E-02	3.85E-07	0.00E+00	1.64E-01	4.89E-03	3.40E-01	0.00E+00	4.31E-09	2.13E-09	3.27E-04	8.15E-08	3.05E-02	0.00E+00	3.40E+00	-3.46E-05	3.40E+00	5.37E-01	3.05E-02	0.00E+00	0.00E+00	0.00E+00	5.96E+00	
VA12A	7.55E-03	6.86E+00	3.96E+02	1.63E+00	0.00E+00	0.00E+00	1.03E-01	2.17E-03	2.34E-03	1.65E-02	0.00E+00	-5.51E-04	1.79E-09	3.19E-05	9.55E-02	2.87E-02	0.00E+00	0.00E+00	8.44E+00	7.52E-03	1.98E+01	0.00E+00	1.45E-07	6.75E-04	4.41E-03	3.56E-07	1.58E+00	0.00E+00	1.98E+01	5.22E-04	1.98E+01	2.13E+01	1.55E+00	0.00E+00	0.00E+00	0.00E+00	2.78E+02
VA12B	5.55E-03	1.23E+00	2.39E-02	1.20E+00	0.00E+00	0.00E+00	3.86E+00	7.37E-04	2.12E-03	1.17E-02	0.00E+00	3.54E-10	7.26E-10	2.11E-08	5.96E-02	1.68E+00	0.00E+00	0.00E+00	3.97E+00	1.63E-04	1.20E+01	0.00E+00	1.02E-07	4.23E-08	3.13E-03	1.16E-07	7.91E-01	0.00E+00	1.20E+01	3.11E-06	1.20E+01	1.28E+01	7.91E-01	0.00E+00	0.00E+00	0.00E+00	1.20E+02
VA12BN	6.94E-03	1.31E+00	3.63E-02	1.27E+00	0.00E+00	0.00E+00	4.47E+00	9.22E-04	2.92E-03	1.38E-02	0.00E+00	-1.10E-03	8.22E-10	2.84E-08	6.45E-02	1.97E+00	0.00E+00	0.00E+00	4.69E+00	1.47E-02	1.32E+01	0.00E+00	1.13E-07	4.65E-08	3.46E-03	4.75E-07	9.14E-01	0.00E+00	1.32E+01	3.66E-04	1.32E+01	1.44E+01	9.14E-01	0.00E+00	0.00E+00	0.00E+00	1.47E+02
VA12CN	8.69E-03	1.41E+00	4.55E-02	1.36E+00	0.00E+00	0.00E+00	5.36E+00	1.11E-05	4.04E-03	1.38E-02	0.00E+00	-1.65E-03	9.83E-10	4.05E-08	6.99E-02	2.31E+00	0.00E+00	0.00E+00	5.52E+00	2.20E-02	1.48E+01	0.00E+00	1.23E-07	5.44E-08	8.92E-03	6.66E-07	1.06E+00	0.00E+00	1.48E+01	3.91E-06	1.48E+01	1.59E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+02
VA12DN	7.75E-03	1.61E+00	4.59E-02	1.58E+00	0.00E+00	0.00E+00	7.48E+00	1.34E-05	2.92E-03	1.67E-02	0.00E+00	-1.77E-04	1.19E-09	2.88E-08	9.01E-02	2.66E+00	1.12E-08	0.00E+00	6.69E+00	1.16E-02	1.82E+01	0.00E+00	1.50E-07	6.57E-08	4.52E-03	3.97E-07	1.31E+00	0.00E+00	1.82E+01	4.18E-06	1.82E+01	1.91E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	2.06E+02
VA12DK	5.08E-03	1.14E+00	3.19E-02	1.18E+00	0.00E+00	0.00E+00	3.84E+00	7.76E-04	1.37E-03	1.21E-02	0.00E+00	-5.99E-04	7.36E-10	1.88E-08	5.67E-02	1.82E+00	1.12E-08	0.00E+00	4.07E+00	8.19E-03	1.21E+01	0.00E+00	9.96E-08	4.25E-08	3.07E-03	3.22E-07	7.74E-01	0.00E+00	1.21E+01	3.80E-06	1.21E+01	1.28E+01	7.74E-01	0.00E+00	0.00E+00	0.00E+00	1.27E+02
VA12DN	7.70E-03	1.65E+00	4.33E-02	1.47E+00	0.00E+00	0.00E+00	8.54E+00	1.13E-05	2.57E-03	1.65E-02	0.00E+00	-1.48E-03	7.48E-04	3.82E-08	2.44E+00	3.30E-09	0.00E+00	5.81E+00	4.49E-03	1.68E+01	0.00E+00	1.40E-07	6.92E-08	4.40E-03	2.56E-07	1.14E+00	0.00E+00	1.68E+01	3.54E-06	1.68E+01	1.78E+01	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+02	
VA12E	5.65E-03	1.27E+00	3.25E-02	1.27E+00	0.00E+00	0.00E+00	4.41E+00	8.96E-04	2.19E-03	1.25E-02	0.00E+00	-8.42E-04	8.56E-10	2.13E-08	5.98E-02	1.78E+00	1.12E-08	0.00E+00	4.58E+00	8.38E-03	1.27E+01	0.00E+00	1.05E-07	4.57E-08	3.41E-03	8.67E-01	0.00E+00	1.27E+01	3.91E-06	1.27E+01	1.37E+01	8.67E-01	0.00E+00	0.00E+00	0.00E+00	1.42E+02	
VA12G	7.50E-03	1.52E+00	4.34E-02	1.46E+00	0.00E+00	0.00E+00	6.40E+00	1.09E-05	2.27E-03	1.40E-02	0.00E+00	-3.81E-04	9.78E-10	2.58E-08	8.49E-02	2.47E+00	5.30E-09	0.00E+00	5.66E+00	6.29E-03	1.69E+01	0.00E+00	1.40E-07	5.87E-08	4.24E-03	2.47E-07	1.15E+00	0.00E+00	1.69E+01	3.67E-06	1.69E+01	1.79E+01	1.15E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+02
VA12K	1.87E-03	4.58E-01	8.27E-03	4.90E-01	0.00E+00	0.00E+00	9.29E-01	1.45E-04	4.09E-04	4.93E-03	0.00E+00	-1.28E-03	1.45E-10	3.06E-09	1.92E-02	5.50E-01	4.73E-07	0.00E+00	1.13E+00	3.22E-03	4.42E+00	0.00E+00	3.78E-08	1.60E-08	3.22E-03	1.23E-07	2.44E-01	0.00E+00	4.42E+00	1.09E-04	4.42E+00	4.65E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	3.43E+01
VA12N	8.42E-03	1.72E+00	4.62E-02	1.65E+00	0.00E+00	0.00E+00	7.50E+00	1.55E-05	3.27E-03	1.73E-02	0.00E+00	-1.66E-03	1.19E-09	3.19E-08	9.82E-02	2.71E+00	3.86E-06	0.00E+00	6.90E+00	2.44E-02	1.94E+01	0.00E+00	1.63E-07	6.70E-08	4.71E-03	8.47E-07	1.34E+00	0.00E+00	1.94E+01	4.69E-06	1.94E+01	2.07E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	2.04E+02
VA12NL	5.93E-03	1.21E+00	2.74E-02	1.1																																	

VB318P	2.34E-02	4.47E+00	1.46E-01	4.32E+00	0.00E+00	0.00E+00	1.79E+01	4.91E-05	5.65E-03	4.83E-02	0.00E+00	-1.81E-03	3.96E-09	5.46E-08	3.03E-01	8.29E+00	7.79E-04	0.00E+00	2.09E+01	6.85E-02	6.89E+01	0.00E+00	5.56E-07	2.39E-07	1.42E-02	2.51E-06	4.02E+00	0.00E+00	6.89E+01	2.51E-05	6.89E+01	7.29E+01	4.02E+00	0.00E+00	0.00E+00	6.62E+02	
VB318PB	2.22E-02	4.50E+00	1.31E-01	4.37E+00	0.00E+00	0.00E+00	1.60E+01	4.57E-05	4.76E-03	4.85E-02	0.00E+00	-3.51E-03	3.67E-09	4.22E-08	2.99E-01	7.99E+00	7.79E-04	0.00E+00	1.99E+01	5.39E-02	6.83E+01	0.00E+00	5.53E-07	2.34E-07	1.42E-02	2.18E-06	3.84E+00	0.00E+00	6.83E+01	2.54E-05	6.83E+01	7.21E+01	3.84E+00	0.00E+00	0.00E+00	6.17E+02	
VB318PE	2.50E-02	4.81E+00	1.48E-01	4.46E+00	0.00E+00	0.00E+00	1.72E+01	4.88E-05	6.51E-03	4.99E-02	0.00E+00	-4.80E-03	3.87E-09	6.03E-08	3.08E-01	8.54E+00	7.79E-04	0.00E+00	2.11E+01	7.09E-02	7.09E+01	0.00E+00	5.72E-07	2.44E-07	1.47E-02	2.60E-06	4.06E+00	0.00E+00	7.09E+01	2.62E-05	7.09E+01	7.49E+01	4.06E+00	0.00E+00	0.00E+00	6.87E+02	
VB318PP	2.56E-02	4.65E+00	1.53E-01	4.49E+00	0.00E+00	0.00E+00	1.76E+01	4.95E-05	6.89E-03	5.02E-02	0.00E+00	-5.16E-03	3.93E-09	6.45E-08	3.09E-01	8.68E+00	7.79E-04	0.00E+00	2.14E+01	7.57E-02	7.13E+01	0.00E+00	5.78E-07	2.46E-07	1.48E-02	2.72E-06	4.12E+00	0.00E+00	7.13E+01	2.63E-05	7.13E+01	7.54E+01	4.12E+00	0.00E+00	0.00E+00	6.78E+02	
VB318R	2.55E-02	4.53E+00	1.23E-01	4.41E+00	0.00E+00	0.00E+00	1.75E+01	4.98E-05	6.93E-03	4.93E-02	0.00E+00	-1.61E-03	3.91E-09	6.56E-08	3.00E-01	8.57E+00	7.79E-04	0.00E+00	2.12E+01	2.88E-02	7.01E+01	0.00E+00	5.65E-07	2.44E-07	1.46E-02	1.57E-06	4.07E+00	0.00E+00	7.01E+01	2.65E-05	7.01E+01	7.42E+01	4.07E+00	0.00E+00	0.00E+00	6.76E+02	
VB318TB	2.22E-02	4.50E+00	1.31E-01	4.37E+00	0.00E+00	0.00E+00	1.60E+01	4.57E-05	4.76E-03	4.85E-02	0.00E+00	-3.51E-03	3.67E-09	4.22E-08	2.99E-01	7.99E+00	7.79E-04	0.00E+00	1.99E+01	5.39E-02	6.83E+01	0.00E+00	5.53E-07	2.34E-07	1.42E-02	2.18E-06	3.84E+00	0.00E+00	6.83E+01	2.54E-05	6.83E+01	7.21E+01	3.84E+00	0.00E+00	0.00E+00	6.17E+02	
VB418A	2.25E-02	4.13E+00	1.66E-01	3.97E+00	0.00E+00	0.00E+00	1.77E+01	4.25E-05	6.90E-03	4.42E-02	0.00E+00	-6.88E-03	4.44E-09	6.94E-08	3.02E-01	7.89E+00	1.04E-03	0.00E+00	2.19E+01	1.01E-01	6.30E+01	0.00E+00	5.13E-07	2.03E-07	1.29E-02	3.42E-06	3.95E+00	0.00E+00	6.30E+01	1.96E-05	6.30E+01	6.69E+01	3.95E+00	0.00E+00	0.00E+00	6.02E+02	
VB418B	2.32E-02	4.19E+00	1.57E-01	3.97E+00	0.00E+00	0.00E+00	1.77E+01	4.25E-05	6.90E-03	4.42E-02	0.00E+00	-6.88E-03	4.44E-09	6.94E-08	3.02E-01	7.89E+00	1.04E-03	0.00E+00	2.19E+01	1.01E-01	6.30E+01	0.00E+00	5.13E-07	2.03E-07	1.29E-02	3.42E-06	3.95E+00	0.00E+00	6.30E+01	1.96E-05	6.30E+01	6.69E+01	3.95E+00	0.00E+00	0.00E+00	6.02E+02	
VB418C	3.06E-02	5.64E+00	1.45E-01	5.50E+00	0.00E+00	0.00E+00	2.33E+01	6.52E-05	7.53E-03	6.15E-02	0.00E+00	-1.29E-03	3.83E-09	7.41E-08	3.80E-01	1.08E+01	1.04E-03	0.00E+00	2.73E+01	1.36E-02	8.86E+01	0.00E+00	7.31E-07	3.06E-07	1.82E-02	1.07E-06	5.20E+00	0.00E+00	8.86E+01	3.35E-05	8.86E+01	9.38E+01	5.20E+00	0.00E+00	0.00E+00	8.75E+02	
VB418L	3.12E-02	5.96E+00	2.95E-01	5.98E+00	0.00E+00	0.00E+00	2.12E+01	6.17E-05	7.56E-03	6.22E-02	0.00E+00	-6.91E-03	4.43E-09	7.31E-08	3.56E-01	1.01E+01	9.65E-04	0.00E+00	2.53E+01	9.70E-02	8.86E+01	0.00E+00	6.87E-07	3.04E-07	1.83E-02	2.12E-06	4.91E+00	0.00E+00	8.86E+01	3.17E-05	8.86E+01	9.14E+01	4.91E+00	0.00E+00	0.00E+00	8.15E+02	
VB418MMP	2.82E-02	6.08E+00	3.43E-01	5.81E+00	0.00E+00	0.00E+00	1.99E+01	5.78E-05	6.89E-03	6.09E-02	0.00E+00	-6.13E-03	4.00E-09	6.20E-08	3.36E-01	9.42E+00	1.35E-04	0.00E+00	2.39E+01	1.72E-01	7.84E+01	0.00E+00	6.46E-07	2.85E-07	1.76E-02	3.24E-06	4.71E+00	0.00E+00	7.84E+01	3.07E-05	7.84E+01	8.62E+01	4.71E+00	0.00E+00	0.00E+00	7.86E+02	
VB418MMT	2.88E-02	5.96E+00	1.69E-01	5.82E+00	0.00E+00	0.00E+00	2.00E+01	5.78E-05	6.80E-03	6.07E-02	0.00E+00	-3.05E-03	4.00E-09	6.10E-08	3.40E-01	9.72E+00	1.39E-04	0.00E+00	2.40E+01	4.68E-02	8.19E+01	0.00E+00	6.54E-07	2.87E-07	1.78E-02	2.00E-06	4.75E+00	0.00E+00	8.19E+01	3.16E-05	8.19E+01	8.63E+01	4.75E+00	0.00E+00	0.00E+00	7.77E+02	
VB418MTP	2.93E-02	5.96E+00	1.69E-01	5.99E+00	0.00E+00	0.00E+00	2.01E+01	5.88E-05	6.84E-03	6.07E-02	0.00E+00	-3.21E-03	4.05E-09	6.12E-08	3.52E-01	1.01E+01	9.24E-04	0.00E+00	2.43E+01	4.91E-02	8.35E+01	0.00E+00	6.67E-07	2.93E-07	1.79E-02	2.05E-06	4.78E+00	0.00E+00	8.35E+01	3.16E-05	8.35E+01	8.82E+01	4.78E+00	0.00E+00	0.00E+00	7.93E+02	
VB418MTT	2.78E-02	6.07E+00	1.45E-01	5.99E+00	0.00E+00	0.00E+00	1.93E+01	5.83E-05	6.99E-03	6.01E-02	0.00E+00	-7.84E-04	3.87E-09	6.32E-08	3.33E-01	8.93E+00	9.17E-04	0.00E+00	2.30E+01	1.05E+00	7.86E+01	0.00E+00	5.86E-07	2.82E-07	1.80E-02	3.79E-06	4.19E+00	0.00E+00	7.86E+01	2.29E-05	7.86E+01	8.40E+01	4.19E+00	0.00E+00	0.00E+00	7.64E+02	
VB418P	3.06E-02	5.64E+00	1.45E-01	5.50E+00	0.00E+00	0.00E+00	2.33E+01	6.52E-05	7.53E-03	6.15E-02	0.00E+00	-1.29E-03	3.84E-09	7.41E-08	3.80E-01	1.08E+01	1.04E-03	0.00E+00	2.73E+01	1.36E-02	8.86E+01	0.00E+00	7.31E-07	3.06E-07	1.82E-02	1.07E-06	5.20E+00	0.00E+00	8.86E+01	3.35E-05	8.86E+01	9.38E+01	5.20E+00	0.00E+00	0.00E+00	8.75E+02	
VB418PB	2.86E-02	5.78E+00	1.88E-01	5.59E+00	0.00E+00	0.00E+00	2.06E+01	6.03E-05	6.96E-03	6.21E-02	0.00E+00	-4.68E-03	4.73E-09	5.27E-08	3.77E-01	1.03E+01	1.04E-03	0.00E+00	2.55E+01	7.19E-02	8.79E+01	0.00E+00	7.10E-07	3.03E-07	1.82E-02	2.87E-06	4.92E+00	0.00E+00	8.79E+01	3.35E-05	8.79E+01	9.28E+01	4.92E+00	0.00E+00	0.00E+00	8.08E+02	
VB418PE	3.20E-02	5.91E+00	1.93E-01	6.72E+00	0.00E+00	0.00E+00	2.22E+01	6.42E-05	6.12E-03	6.39E-02	0.00E+00	-6.33E-03	5.03E-09	7.54E-08	3.88E-01	1.09E+01	1.04E-03	0.00E+00	2.71E+01	9.37E-02	9.10E+01	0.00E+00	7.33E-07	3.16E-07	1.89E-02	3.41E-06	5.21E+00	0.00E+00	9.10E+01	4.35E-05	9.10E+01	9.62E+01	5.21E+00	0.00E+00	0.00E+00	8.68E+02	
VB418PP	3.29E-02	5.96E+00	1.97E-01	5.76E+00	0.00E+00	0.00E+00	2.27E+01	6.52E-05	6.87E-03	6.44E-02	0.00E+00	-6.88E-03	5.09E-09	8.17E-08	3.90E-01	1.11E+01	1.04E-03	0.00E+00	2.78E+01	1.01E-01	9.14E+01	0.00E+00	7.38E-07	3.19E-07	1.91E-02	3.96E-06	5.29E+00	0.00E+00	9.14E+01	3.44E-05	9.14E+01	9.84E+01	5.29E+00	0.00E+00	0.00E+00	8.85E+02	
VB418R	3.32E-02	5.88E+00	1.57E-01	5.72E+00	0.00E+00	0.00E+00	2.29E+01	6.58E-05	6.88E-03	6.39E-02	0.00E+00	-1.90E-03	4.12E-09	8.41E-08	3.85E-01	1.11E+01	1.04E-03	0.00E+00	2.78E+01	9.52E-02	9.12E+01	0.00E+00	7.34E-07	3.19E-07	1.90E-02	1.99E-06	5.29E+00	0.00E+00	9.12E+01	3.50E-05	9.12E+01	9.64E+01	5.29E+00	0.00E+00	0.00E+00	8.91E+02	
VB418TB	2.86E-02	5.78E+00	1.88E-01	5.59E+00	0.00E+00	0.00E+00	2.06E+01	6.03E-05	6.96E-03	6.21E-02	0.00E+00	-4.68E-03	4.73E-09	5.27E-08	3.77E-01	1.03E+01	1.04E-03	0.00E+00	2.55E+01	7.19E-02	8.79E+01	0.00E+00	7.10E-07	3.03E-07	1.82E-02	2.87E-06	4.92E+00	0.00E+00	8.79E+01	3.35E-05	8.79E+01	9.28E+01	4.92E+00	0.00E+00	0.00E+00	8.08E+02	
VD101ND	5.22E-04	1.70E-01	1.98E-03	1.48E-01	0.00E+00	0.00E+00	2.25E+01	8.00E-07	7.16E-04	1.49E-03	0.00E+00	4.73E-11	3.27E-10	5.14E-03	1.70E-01	6.87E-07	0.00E+00	3.42E-01	4.59E-03	1.42E+00	0.00E+00	1.15E-08	5.37E-09	3.78E-04	2.84E-08	7.17E-02	3.96E-06	1.42E+00	0.00E+00	1.42E+00	1.51E+00	1.71E-02	0.00E+00	0.00E+00	0.00E+00	1.19E+01	
VD101NT	3.01E-04	1.67E-02	1.54E-03	8.54E-02	0.00E+00	0.00E+00	2.04E-01	4.81E-07	6.46E-05	7.37E-04	0.00E+00	2.63E-10	3.80E-11	4.81E-10	5.36E-03	1.18E-01	0.00E+00	0.00E+00	2.77E-01	1.25E-05	1.04E+00	0.00E+00	8.66E-09	3.26E-09	2.07E-04	8.86E-09	5.70E-02	0.00E+00	1.04E+00	3.24E-07	1.04E+00	1.10E+00	5.70E-02	0.00E+00	0.00E+00	0.00E+00	7.37E+00
VD102ND	5.67E-04	1.93E-01	1.83E-03	1.67E-01	0.00E+00	0.00E+00	2.78E-01	8.50E-07	1.28E-04	1.60E-03	0.00E+00	-2.16E-04	4.78E-11	7.17E-10	6.07E-03	1.81E-01	7.23E-08	0.00E+00	3.63E-01	4.79E-03	1.51E+00	0.00E+00	1.27E-08	5.75E-09	4.14E-04	2.63E-08	7.66E-02	0.00E+00	1.51E+00	3.12E-07	1.51E+00	1.59E+00	7.66E-02	0.00E+00	0.00E+00	0.00E+00	1.22E+01
VD102NE	4.85E-04	2.14E-01	1.41E-03	3.12E-01	0.00E+00	0.00E+00	1.60E-01	6.47E-05	1.42E-04	1.70E-03	0.00E+00	2.97E-10	3.02E-11	4.44E-10	2.43E-03	9.40E-02	9.00E+00	0.00E+00	1.39E-01	1.41E-05	5.68E-01	0.00E+00	5.62E-09	2.93E-03	3.84E-04	1.00E-08	3.51E-02	0.00E+00	5.68E-01	7.08E-08	5.68E-01	6.03E-01	3.51E-02	0.00E+00	0.00E+00	0.00E+00	4.30E+00
VD102NT	4.18E-04	2.14E-01	1.42E-03	3.13E-01	0.00E+00	0.00E+00	1.62E-01	6.97E-05	1.43E-04	1.70E-03	0.00E+00	2.98E-10	3.94E-11	4.49E-10	2.46E-03	9.49E-02	9.00E+00	0.00E+00	1.40E-01	1.42E-05	5.79E-01	0.00E+00	5.88E-09	2.99E-03	3.86E-04	1.01E-08	3.54E-02	0.00E+00	5.79E-01	7.41E-08	5.79E-01	6.10E-01	3.54E-02	0.00E+00	0.00E+00	0.00E+00	4.37E+00
VD104NE	4.41E-04	9.74E-02	2.25E-03	9.52E-02	0.00E+00	0.00E+00	2.80E-01	6.45E-07	9.53E-05	1.09E-03	0.00E+00	3.94E-10	5.33E-11	6.66E-10	6.23E-03	1.73E-01																					

VE103M	2.39E-03	7.05E-01	1.75E-02	7.68E-01	0.00E+00	0.00E+00	1.31E+00	2.15E-06	5.89E-04	6.08E-03	0.00E+00	-1.31E-03	2.41E-10	3.72E-09	1.54E-02	5.71E-01	5.30E-09	0.00E+00	1.17E+00	1.45E-02	3.84E+00	0.00E+00	3.57E-08	1.72E-08	1.52E-03	3.54E-07	2.48E-01	0.00E+00	3.94E+00	9.21E-07	3.84E+00	4.09E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	4.11E+01
VE103N	2.39E-03	6.96E-01	1.86E-02	7.23E-01	0.00E+00	0.00E+00	1.30E+00	2.29E-06	5.80E-04	5.80E-03	0.00E+00	-1.90E-03	1.92E-10	3.64E-09	1.53E-02	5.88E-01	5.16E-07	0.00E+00	1.20E+00	1.97E-02	3.85E+00	0.00E+00	3.60E-08	1.73E-08	1.48E-03	3.97E-07	2.50E-01	0.00E+00	3.85E+00	8.79E-07	3.85E+00	4.13E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	4.11E+01
VE103PN	3.10E-03	5.08E-01	1.18E-02	4.97E-01	0.00E+00	0.00E+00	1.49E+00	5.16E-06	4.37E-04	5.00E-03	0.00E+00	-4.19E-04	2.22E-10	3.42E-09	2.08E-02	7.55E-01	0.00E+00	0.00E+00	1.84E+00	5.58E-03	6.15E+00	0.00E+00	4.91E-08	2.40E-08	1.48E-03	1.77E-07	3.44E-01	0.00E+00	6.15E+00	2.83E-06	6.15E+00	6.49E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	6.64E+01
VE103S	2.58E-03	8.07E-01	1.26E-02	7.95E-01	0.00E+00	0.00E+00	1.33E+00	2.32E-06	6.54E-04	6.88E-03	0.00E+00	-5.66E-04	2.54E-10	4.19E-09	1.44E-02	5.54E-01	5.00E+00	0.00E+00	1.17E+00	7.52E-03	3.83E+00	0.00E+00	3.27E-08	1.62E-08	1.81E-03	2.26E-07	2.41E-01	0.00E+00	3.83E+00	9.50E-07	3.83E+00	3.87E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	4.02E+01
VE103SN	3.17E-03	5.20E-01	1.19E-02	5.06E-01	0.00E+00	0.00E+00	1.51E+00	5.25E-06	4.47E-04	5.11E-03	0.00E+00	-4.19E-04	2.26E-10	3.48E-09	2.11E-02	7.70E-01	0.00E+00	0.00E+00	1.88E+00	5.58E-03	6.27E+00	0.00E+00	5.01E-08	2.45E-08	1.50E-03	1.78E-07	3.50E-01	0.00E+00	6.27E+00	2.88E-06	6.27E+00	6.62E+00	3.50E-01	0.00E+00	0.00E+00	0.00E+00	6.76E+01
VE103U	2.55E-03	8.28E-01	1.89E-02	8.30E-01	0.00E+00	0.00E+00	1.36E+00	2.37E-06	5.99E-04	6.91E-03	0.00E+00	-1.20E-03	2.58E-10	3.60E-09	1.82E-02	6.39E-01	6.30E-09	0.00E+00	1.34E+00	1.75E-02	4.24E+00	0.00E+00	3.92E-08	1.81E-08	1.59E-03	4.95E-07	2.91E-01	0.00E+00	4.24E+00	9.44E-07	4.24E+00	4.99E+00	2.91E-01	0.00E+00	0.00E+00	0.00E+00	4.29E+01
VE106A	4.10E-03	1.31E+00	3.40E-02	1.25E+00	0.00E+00	0.00E+00	2.11E+00	3.92E-06	1.07E-03	1.07E-02	0.00E+00	-2.27E-03	4.02E-10	6.99E-09	2.25E-02	8.69E-01	0.00E+00	0.00E+00	1.94E+00	3.60E-02	5.61E+00	0.00E+00	5.08E-08	2.51E-08	2.59E-03	7.96E-07	3.76E-01	0.00E+00	5.61E+00	1.15E-06	5.61E+00	5.99E+00	3.76E-01	0.00E+00	0.00E+00	0.00E+00	6.20E+01
VE106D	3.80E-03	1.12E+00	2.99E-02	1.05E+00	0.00E+00	0.00E+00	2.47E+00	3.90E-06	1.03E-03	1.05E-02	0.00E+00	-1.13E-03	3.52E-10	6.78E-09	2.68E-02	9.95E-01	1.01E-06	0.00E+00	2.07E+00	1.65E-02	6.52E+00	0.00E+00	4.55E-08	2.83E-08	3.25E-03	4.42E-07	4.20E-01	0.00E+00	6.52E+00	4.52E-06	6.52E+00	6.98E+00	4.20E-01	0.00E+00	0.00E+00	0.00E+00	6.73E+01
VE106E	3.35E-03	1.24E+00	2.83E-02	1.21E+00	0.00E+00	0.00E+00	1.49E+00	2.28E-06	8.43E-04	1.00E-02	0.00E+00	-2.27E-03	3.01E-10	3.82E-09	1.85E-02	7.08E-01	0.00E+00	0.00E+00	1.35E+00	3.08E-02	4.88E+00	0.00E+00	4.36E-08	2.17E-08	2.36E-03	7.88E-07	2.90E-01	0.00E+00	4.88E+00	8.96E-07	4.88E+00	4.97E+00	2.90E-01	0.00E+00	0.00E+00	0.00E+00	4.55E+01
VE106F	3.25E-03	1.27E+00	2.98E-02	1.24E+00	0.00E+00	0.00E+00	1.75E+00	2.82E-06	1.14E-03	1.03E-02	0.00E+00	-2.27E-03	3.50E-10	7.39E-09	2.04E-02	8.11E-01	0.00E+00	0.00E+00	1.60E+00	3.08E-02	5.15E+00	0.00E+00	4.74E-08	2.37E-08	2.47E-03	7.91E-07	3.35E-01	0.00E+00	5.15E+00	1.01E-06	5.15E+00	6.48E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
VE106G	3.29E-03	1.12E+00	2.72E-02	1.05E+00	0.00E+00	0.00E+00	1.69E+00	2.81E-06	8.92E-04	8.08E-03	0.00E+00	-1.86E-03	3.16E-10	4.51E-09	1.96E-02	7.55E-01	5.30E-09	0.00E+00	1.53E+00	2.47E-02	5.09E+00	0.00E+00	4.68E-08	2.34E-08	2.08E-03	6.95E-07	3.17E-01	0.00E+00	5.09E+00	1.22E-06	5.09E+00	5.29E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	5.14E+01
VE106H	6.81E-03	1.00E+00	2.71E-02	8.75E-01	0.00E+00	0.00E+00	4.09E+00	1.15E-05	2.70E-03	9.98E-03	0.00E+00	-5.44E-04	6.67E-10	2.94E-09	4.42E-02	1.85E+00	0.00E+00	0.00E+00	4.48E+00	7.30E-03	1.25E-01	0.00E+00	1.01E-07	5.01E-08	3.02E-03	2.64E-07	8.24E-01	0.00E+00	1.25E-01	5.03E-06	1.25E+01	1.33E+01	1.24E-01	0.00E+00	0.00E+00	0.00E+00	1.62E+01
VE106L	3.57E-03	1.25E+00	2.81E-02	1.21E+00	0.00E+00	0.00E+00	1.90E+00	3.14E-06	1.01E-03	1.05E-02	0.00E+00	-2.15E-03	3.63E-10	7.36E-09	2.09E-02	8.33E-01	1.01E-06	0.00E+00	1.70E+00	2.62E-02	5.36E+00	0.00E+00	4.86E-08	2.42E-08	2.59E-03	7.29E-07	3.57E-01	0.00E+00	5.36E+00	1.30E-06	5.36E+00	5.07E+00	3.57E-01	0.00E+00	0.00E+00	0.00E+00	5.94E+01
VE106M	3.48E-03	1.25E+00	2.96E-02	1.24E+00	0.00E+00	0.00E+00	1.94E+00	3.68E-06	1.02E-03	1.02E-02	0.00E+00	-1.13E-03	3.55E-10	7.27E-09	2.28E-02	8.88E-01	5.30E-09	0.00E+00	1.94E+00	1.75E-02	5.83E+00	0.00E+00	5.01E-08	2.84E-08	3.47E-03	4.97E-07	3.71E-01	0.00E+00	5.83E+00	1.61E-06	5.83E+00	5.91E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	6.24E+01
VE106N	4.09E-03	1.05E+00	2.79E-02	1.23E+00	0.00E+00	0.00E+00	2.25E+00	4.12E-06	1.28E-03	1.20E-02	0.00E+00	-2.66E-03	3.92E-10	1.03E-04	2.46E-02	9.76E-01	9.93E-07	0.00E+00	2.10E+00	3.34E-02	6.27E+00	0.00E+00	6.16E-08	2.75E-08	2.70E-03	9.12E-07	4.35E-01	0.00E+00	6.27E+00	1.56E-06	6.27E+00	6.64E+00	4.35E-01	0.00E+00	0.00E+00	0.00E+00	7.26E+01
VE106PN	5.23E-03	8.66E-01	1.85E-02	8.48E-01	0.00E+00	0.00E+00	2.47E+00	8.60E-06	7.41E-04	8.48E-03	0.00E+00	-5.44E-04	3.72E-10	5.69E-09	3.49E-02	1.27E+00	0.00E+00	0.00E+00	3.09E+00	7.27E-03	1.03E-01	0.00E+00	8.27E-08	4.04E-08	2.48E-03	2.47E-07	5.78E-01	0.00E+00	1.03E-01	4.77E-06	1.03E+01	1.09E+01	5.78E-01	0.00E+00	0.00E+00	0.00E+00	1.11E+02
VE106R	3.51E-03	1.27E+00	2.69E-02	1.25E+00	0.00E+00	0.00E+00	1.91E+00	3.46E-06	9.95E-04	1.05E-02	0.00E+00	-1.91E-03	3.65E-10	7.32E-09	2.22E-02	8.56E-01	5.30E-09	0.00E+00	1.77E+00	2.58E-02	5.52E+00	0.00E+00	4.96E-08	2.43E-08	2.50E-03	7.30E-07	3.65E-01	0.00E+00	5.52E+00	1.37E-06	5.52E+00	5.84E+00	3.65E-01	0.00E+00	0.00E+00	0.00E+00	6.02E+01
VE106S	4.36E-03	1.32E+00	1.90E-02	1.30E+00	0.00E+00	0.00E+00	2.21E+00	4.00E-06	1.05E-03	1.10E-02	0.00E+00	-8.91E-04	4.23E-10	7.14E-09	2.43E-02	9.35E-01	0.00E+00	0.00E+00	1.99E+00	9.21E-03	6.17E+00	0.00E+00	5.52E-08	2.73E-08	2.86E-03	2.96E-07	4.07E-01	0.00E+00	6.17E+00	1.61E-06	6.17E+00	6.98E+00	4.07E-01	0.00E+00	0.00E+00	0.00E+00	6.86E+01
VE106SN	5.28E-03	8.74E-01	1.88E-02	8.59E-01	0.00E+00	0.00E+00	2.48E+00	8.67E-06	7.49E-04	8.57E-03	0.00E+00	-5.44E-04	3.74E-10	5.73E-09	3.52E-02	1.28E+00	0.00E+00	0.00E+00	3.11E+00	7.27E-03	1.04E-01	0.00E+00	8.35E-08	4.08E-08	2.50E-03	2.48E-07	5.81E-01	0.00E+00	1.04E-01	4.81E-06	1.04E+01	1.10E+01	5.81E-01	0.00E+00	0.00E+00	0.00E+00	1.12E+02
VE106U	3.35E-03	1.37E+00	3.99E-02	1.33E+00	0.00E+00	0.00E+00	3.05E+00	5.49E-06	9.57E-04	1.13E-02	0.00E+00	-2.27E-03	5.52E-10	7.26E-09	2.79E-02	1.01E+00	0.00E+00	0.00E+00	2.43E+00	3.00E-02	6.65E+00	0.00E+00	5.83E-08	2.93E-08	2.71E-03	8.05E-07	4.77E-01	0.00E+00	6.65E+00	1.43E-06	6.65E+00	7.12E+00	4.77E-01	0.00E+00	0.00E+00	0.00E+00	8.38E+01
VE106YN	4.44E-03	1.02E+00	2.35E-02	1.01E+00	0.00E+00	0.00E+00	2.47E+00	4.87E-06	1.01E-03	9.85E-03	0.00E+00	-1.13E-03	4.35E-10	7.26E-09	3.29E-02	1.15E+00	5.30E-09	0.00E+00	2.81E+00	1.47E-02	8.74E+00	0.00E+00	7.38E-08	3.80E-08	2.58E-03	3.65E-07	5.29E-01	0.00E+00	8.74E+00	4.52E-06	8.74E+00	9.42E+00	5.29E-01	0.00E+00	0.00E+00	0.00E+00	9.81E+01
VE110A	4.65E-03	1.81E+00	4.11E-02	1.77E+00	0.00E+00	0.00E+00	2.77E+00	4.87E-06	1.47E-03	1.48E-02	0.00E+00	-2.96E-03	5.92E-10	9.20E-09	3.14E-02	1.21E+00	0.00E+00	0.00E+00	2.51E+00	3.92E-02	8.00E+00	0.00E+00	7.18E-08	3.55E-08	3.57E-03	1.05E-06	5.16E-01	0.00E+00	7.94E+00	1.78E-06	7.94E+00	8.42E+00	5.16E-01	0.00E+00	0.00E+00	0.00E+00	8.58E+01
VE110D	5.02E-03	1.88E+00	3.02E-02	1.88E+00	0.00E+00	0.00E+00	2.94E+00	5.32E-06	1.50E-03	1.55E-02	0.00E+00	-2.27E-03	5.47E-10	1.06E-09	3.21E-02	1.32E+00	1.13E-06	0.00E+00	2.88E+00	2.37E-02	8.64E+00	0.00E+00	7.83E-08	3.91E-08	3.72E-03	6.93E-07	5.74E-01	0.00E+00	8.64E+00	2.10E-06	8.64E+00	9.22E+00	5.74E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
VE110E	4.64E-03	1.64E+00	2.97E-02	1.57E+00	0.00E+00	0.00E+00	2.69E+00	4.68E-06	1.23E-03	1.30E-02	0.00E+00	-2.09E-03	5.13E-10	9.52E-09	3.18E-02	1.29E+00	5.30E-09	0.00E+00	2.59E+00	2.95E-02	8.28E+00	0.00E+00	7.34E-08	3.58E-08	3.27E-03	8.35E-07	5.24E-01	0.00E+00	8.28E+00	1.91E-06	8.28E+00	8.89E+00	5.24E-01	0.00E+00	0.00E+00	0.00E+00	8.96E+01
VE110F	5.99E-03	1.78E+00	4.03E-02	1.74E+00	0.00E+00	0.00E+00	2.49E+00	4.20E-06	1.65E-03	1.48E-02	0.00E+00	-2.96E-03	4.92E-10	1.08E-09	2.95E-02	1.17E+00	0.00E+00	0.00E+00	2.32E+00	3.92E-02	7.53E+00	0.00E+00	6.89E-08	3.44E-08	3.52E-03	1.04E-06	4.85E-01	0.00E+00	7.53E+00	1.62E-06	7.53E+00	8.02E+00	4.85E-01	0.0			

VE312L	1.67E-02	6.34E+00	1.39E-01	8.20E+00	0.00E+00	0.00E+00	9.82E+00	1.97E-05	5.22E-03	5.26E-02	0.00E+00	9.86E-03	1.86E-09	3.27E-08	1.16E-01	4.45E+00	0.00E+00	0.00E+00	9.29E+00	1.28E-01	3.01E+01	0.00E+00	2.69E-07	1.33E-07	1.28E-02	3.44E-06	1.90E+00	0.00E+00	3.01E+01	7.72E-08	3.01E+01	3.20E+01	1.90E+00	0.00E+00	0.00E+00	0.00E+00	3.20E+02
VE312PN	2.66E-02	4.14E+00	8.34E-02	4.06E+00	0.00E+00	0.00E+00	1.28E+01	4.51E-05	3.66E-03	4.17E-02	0.00E+00	1.47E-03	1.90E-09	2.93E-08	1.79E-01	6.47E+00	0.00E+00	0.00E+00	1.60E+01	1.98E-02	5.32E+01	0.00E+00	4.24E-07	2.06E-07	1.24E-02	8.30E-07	2.96E+00	0.00E+00	5.32E+01	2.49E-05	5.32E+01	5.62E+01	2.96E+00	0.00E+00	0.00E+00	0.00E+00	5.75E+02
VE312S	2.14E-02	6.44E+00	1.05E-01	6.33E+00	0.00E+00	0.00E+00	1.20E+01	2.38E-05	8.20E-03	5.48E-02	0.00E+00	1.82E-03	2.26E-09	6.40E-08	1.32E-01	5.40E+00	0.00E+00	0.00E+00	1.15E+01	5.08E-02	3.42E+01	0.00E+00	3.00E-07	1.50E-07	1.37E-02	1.60E-06	2.31E+00	0.00E+00	3.42E+01	9.99E-06	3.42E+01	3.65E+01	2.31E+00	0.00E+00	0.00E+00	0.00E+00	4.03E+02
VE312SN	2.71E-02	4.22E+00	8.45E-02	4.14E+00	0.00E+00	0.00E+00	1.30E+01	4.57E-05	3.72E-03	4.25E-02	0.00E+00	1.47E-03	1.92E-09	2.96E-08	1.81E-01	6.57E+00	0.00E+00	0.00E+00	1.62E+01	1.98E-02	5.40E+01	0.00E+00	4.30E-07	2.09E-07	1.26E-02	8.36E-07	3.00E+00	0.00E+00	5.40E+01	2.53E-05	5.42E+01	5.70E+01	3.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E+02
VE318L	2.55E-02	9.26E+00	1.81E-01	9.08E+00	0.00E+00	0.00E+00	1.36E+01	2.58E-05	8.53E-03	7.71E-02	0.00E+00	1.14E-02	2.61E-09	5.59E-08	1.66E-01	6.54E+00	0.00E+00	0.00E+00	1.33E+01	1.51E-01	4.36E+01	0.00E+00	3.02E-07	1.95E-07	1.89E-02	4.15E-06	2.73E+00	0.00E+00	4.36E+01	1.15E-05	4.36E+01	4.64E+01	2.73E+00	0.00E+00	0.00E+00	0.00E+00	4.58E+02
VE318PN	3.93E-02	6.16E+00	1.20E-01	6.04E+00	0.00E+00	0.00E+00	1.87E+01	3.61E-05	5.42E-03	6.19E-02	0.00E+00	1.17E-03	2.78E-09	4.28E-08	2.63E-01	9.54E+00	0.00E+00	0.00E+00	1.55E+01	2.41E-02	7.84E+01	0.00E+00	6.25E-07	3.04E-07	1.83E-02	1.10E-06	4.39E+00	0.00E+00	7.84E+01	3.88E-05	7.84E+01	8.29E+01	4.39E+00	0.00E+00	0.00E+00	0.00E+00	8.44E+02
VE318S	2.88E-02	9.42E+00	1.34E-01	9.29E+00	0.00E+00	0.00E+00	1.69E+01	6.15E-05	1.03E-02	7.98E-02	0.00E+00	1.12E-03	3.02E-09	7.39E-08	1.65E-01	7.30E+00	0.00E+00	0.00E+00	1.23E+01	5.51E-02	4.82E+01	0.00E+00	4.26E-07	2.19E-07	1.99E-02	1.98E-06	3.14E+00	0.00E+00	4.82E+01	1.39E-05	4.82E+01	5.14E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	5.40E+02
VE318SN	4.00E-02	6.27E+00	1.19E-01	6.17E+00	0.00E+00	0.00E+00	2.48E+01	6.97E-05	5.52E-03	6.30E-02	0.00E+00	1.47E-03	4.78E-09	1.03E-08	2.67E-01	9.68E+00	0.00E+00	0.00E+00	2.38E+01	2.42E-02	7.97E+01	0.00E+00	6.68E-07	3.03E-07	1.85E-02	1.11E-06	4.42E+00	0.00E+00	7.97E+01	4.73E-05	7.97E+01	8.14E+01	4.42E+00	0.00E+00	0.00E+00	0.00E+00	8.56E+02
VE412H	5.26E-02	6.57E+00	2.01E-01	6.36E+00	0.00E+00	0.00E+00	2.89E+01	7.88E-05	2.38E-02	6.61E-02	0.00E+00	1.70E-03	4.81E-09	2.56E-07	2.94E-01	1.32E+01	0.00E+00	0.00E+00	3.15E+01	6.28E-02	8.31E+01	0.00E+00	6.68E-07	3.38E-07	2.04E-02	2.09E-06	5.78E+00	0.00E+00	8.31E+01	3.22E-05	8.31E+01	8.88E+01	5.78E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+03
VE412L	2.24E-02	7.62E+00	1.98E-01	7.77E+00	0.00E+00	0.00E+00	1.22E+01	2.35E-05	7.61E-03	8.62E-02	0.00E+00	1.69E-03	2.33E-09	5.22E-08	1.44E-01	5.77E+00	0.00E+00	0.00E+00	1.19E+01	1.31E-01	3.94E+01	0.00E+00	3.43E-07	1.70E-07	1.63E-02	3.60E-06	2.43E+00	0.00E+00	3.94E+01	1.02E-05	3.94E+01	4.08E+01	2.43E+00	0.00E+00	0.00E+00	0.00E+00	4.11E+02
VE412PN	3.33E-02	6.17E+00	1.94E-01	6.07E+00	0.00E+00	0.00E+00	1.62E+01	5.68E-05	4.57E-03	5.21E-02	0.00E+00	1.70E-03	2.40E-09	3.69E-08	2.24E-01	8.10E+00	0.00E+00	0.00E+00	2.00E+01	2.31E-02	6.87E+01	0.00E+00	5.30E-07	2.58E-07	1.54E-02	9.96E-07	3.72E+00	0.00E+00	6.87E+01	3.12E-05	6.87E+01	7.04E+01	3.72E+00	0.00E+00	0.00E+00	0.00E+00	7.22E+02
VE412S	2.53E-02	7.91E+00	1.02E-01	7.79E+00	0.00E+00	0.00E+00	1.44E+01	2.90E-05	9.27E-03	6.73E-02	0.00E+00	1.05E-03	2.70E-09	6.99E-08	1.61E-01	6.50E+00	0.00E+00	0.00E+00	1.39E+01	5.41E-02	4.21E+01	0.00E+00	3.69E-07	1.84E-07	1.68E-02	1.76E-06	2.79E+00	0.00E+00	4.21E+01	1.22E-05	4.21E+01	4.49E+01	2.79E+00	0.00E+00	0.00E+00	0.00E+00	4.86E+02
VE412SN	3.98E-02	5.26E+00	1.05E-01	5.16E+00	0.00E+00	0.00E+00	1.84E+01	5.74E-05	4.65E-03	5.30E-02	0.00E+00	1.70E-03	2.43E-09	3.74E-08	2.27E-01	8.22E+00	0.00E+00	0.00E+00	1.90E+01	2.31E-02	6.76E+01	0.00E+00	5.38E-07	2.62E-07	1.57E-02	1.00E-06	3.76E+00	0.00E+00	6.76E+01	3.16E-05	6.76E+01	7.14E+01	3.76E+00	0.00E+00	0.00E+00	0.00E+00	7.31E+02
VF104PEH	2.87E-03	7.68E-01	1.25E-02	7.17E-01	0.00E+00	0.00E+00	1.46E+00	3.14E-05	6.12E-04	7.14E-03	0.00E+00	4.34E-04	2.92E-10	3.70E-09	2.21E-02	8.18E-01	5.30E-09	0.00E+00	1.94E+00	8.82E-03	6.32E+00	0.00E+00	6.74E-08	3.40E-08	1.97E-03	9.74E-08	3.98E-01	0.00E+00	6.32E+00	2.16E-06	6.32E+00	6.82E+00	3.98E-01	0.00E+00	0.00E+00	0.00E+00	5.76E+01
VF104PJ	3.00E-03	6.65E-01	1.22E-02	7.36E-01	0.00E+00	0.00E+00	1.55E+00	3.04E-05	6.52E-04	7.52E-03	0.00E+00	2.02E-05	3.04E-10	4.24E-09	2.89E-02	8.16E-01	5.30E-09	0.00E+00	1.94E+00	5.30E-04	6.27E+00	0.00E+00	5.41E-08	2.33E-08	1.95E-03	6.78E-08	3.85E-01	0.00E+00	6.27E+00	2.19E-06	6.27E+00	6.74E+00	3.85E-01	0.00E+00	0.00E+00	0.00E+00	5.73E+01
VF104PP	2.63E-03	5.58E-01	1.25E-02	6.45E-01	0.00E+00	0.00E+00	1.63E+00	4.36E-05	6.01E-04	6.05E-03	0.00E+00	2.19E-04	4.84E-10	4.78E-09	4.09E-02	9.64E-01	0.00E+00	0.00E+00	2.54E+00	9.53E-05	8.36E+00	0.00E+00	6.88E-08	2.74E-08	1.72E-03	6.79E-08	4.83E-01	0.00E+00	8.36E+00	2.86E-06	8.36E+00	8.84E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	7.59E+01
VF104PY	2.81E-03	7.22E-01	1.20E-02	6.75E-01	0.00E+00	0.00E+00	1.36E+00	3.02E-05	6.31E-04	6.91E-03	0.00E+00	2.93E-04	3.46E-10	2.88E-02	7.92E-01	5.30E-09	0.00E+00	1.87E+00	4.35E-03	6.20E+00	0.00E+00	5.39E-08	2.29E-08	1.80E-03	7.32E-08	3.75E-01	0.00E+00	6.20E+00	2.17E-06	6.20E+00	6.95E+00	3.75E-01	0.00E+00	0.00E+00	0.00E+00	5.66E+01	
VF104TD	2.98E-03	7.43E-01	1.41E-02	6.99E-01	0.00E+00	0.00E+00	1.70E+00	4.61E-05	6.73E-04	7.51E-03	0.00E+00	4.40E-05	3.06E-10	4.48E-09	3.06E-02	9.64E-01	5.30E-09	0.00E+00	2.43E+00	1.83E-03	7.88E+00	0.00E+00	6.84E-08	2.94E-08	2.05E-03	7.75E-08	4.70E-01	0.00E+00	7.88E+00	2.52E-06	7.88E+00	8.17E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	7.58E+01
VF104TJ	2.90E-03	7.39E-01	1.34E-02	7.07E-01	0.00E+00	0.00E+00	1.60E+00	4.74E-05	6.44E-04	7.36E-03	0.00E+00	4.40E-05	3.07E-10	4.38E-09	2.96E-02	8.59E-01	5.30E-09	0.00E+00	2.18E+00	1.55E-03	6.81E+00	0.00E+00	5.87E-08	2.65E-08	1.99E-03	7.98E-08	4.16E-01	0.00E+00	6.81E+00	2.43E-06	6.81E+00	7.40E+00	4.16E-01	0.00E+00	0.00E+00	0.00E+00	7.16E+01
VF104TM	2.94E-03	7.45E-01	1.38E-02	7.28E-01	0.00E+00	0.00E+00	1.67E+00	5.10E-05	6.80E-04	7.36E-03	0.00E+00	4.40E-05	3.07E-10	4.41E-09	3.17E-02	9.69E-01	5.30E-09	0.00E+00	2.42E+00	1.35E-03	7.62E+00	0.00E+00	6.81E-08	2.91E-08	2.05E-03	8.04E-08	4.92E-01	0.00E+00	7.62E+00	2.57E-06	7.62E+00	8.21E+00	4.92E-01	0.00E+00	0.00E+00	0.00E+00	7.58E+01
VF104TR	3.09E-03	7.88E-01	1.29E-02	7.54E-01	0.00E+00	0.00E+00	2.13E+00	5.81E-05	6.78E-04	7.31E-03	0.00E+00	4.30E-04	3.76E-10	6.39E-09	3.02E-02	1.16E+00	5.30E-09	0.00E+00	2.79E+00	1.84E-03	8.82E+00	0.00E+00	6.74E-08	3.40E-08	2.21E-03	8.82E-08	5.48E-01	0.00E+00	8.82E+00	3.26E-06	8.82E+00	9.27E+00	5.48E-01	0.00E+00	0.00E+00	0.00E+00	8.55E+01
VF104TS	3.10E-03	7.88E-01	2.50E-02	7.13E-01	0.00E+00	0.00E+00	1.92E+00	5.17E-05	6.94E-04	7.33E-03	0.00E+00	1.71E-03	3.60E-10	6.50E-09	3.38E-02	1.06E+00	5.30E-09	0.00E+00	2.61E+00	2.16E-02	8.01E+00	0.00E+00	7.06E-08	3.20E-08	2.21E-03	6.04E-07	5.10E-01	0.00E+00	8.01E+00	2.72E-06	8.01E+00	8.36E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	8.17E+01
VF108PA	3.55E-03	9.97E-01	1.73E-02	1.17E+00	0.00E+00	0.00E+00	1.98E+00	4.32E-05	8.65E-04	1.11E-02	0.00E+00	1.43E-03	4.46E-10	5.62E-09	4.29E-02	1.09E+00	6.34E-07	0.00E+00	2.87E+00	4.78E-03	8.92E+00	0.00E+00	7.37E-08	3.10E-08	2.45E-03	2.25E-07	5.28E-01	0.00E+00	8.92E+00	2.50E-06	8.92E+00	9.28E+00	5.28E-01	0.00E+00	0.00E+00	0.00E+00	8.39E+01
VF108PD	3.52E-03	9.82E-01	1.63E-02	1.13E+00	0.00E+00	0.00E+00	1.94E+00	4.69E-05	8.59E-04	1.08E-02	0.00E+00	1.61E-04	4.40E-10	5.40E-09	4.49E-02	1.10E+00	6.30E-09	0.00E+00	2.84E+00	2.41E-03	8.93E+00	0.00E+00	7.44E-08	3.11E-08	2.40E-03	1.64E-07	5.29E-01	0.00E+00	8.93E+00	2.74E-06	8.93E+00	9.39E+00	5.29E-01	0.00E+00	0.00E+00	0.00E+00	8.05E+01
VF108PE	3.24E-03	7.03E-01	1.53E-02	1.88E-01	0.00E+00	0.00E+00	1.93E+00	5.15E-05	7.27E-04	7.62E-03	0.00E+00	2.70E-04	5.29E-10	5.39E-09	5.15E-02	1.20E+00	0.00E+00	0.00E+00	3.09E+00	1.20E-04	1.04E+01	0.00E+00	8.63E-08	3.41E-08	2.15E-03	8.57E-08	5.89E-01	0.00E+00	1.04E+01	3.53E-06	1.04E+01	1.10E+01	5.89E-01	0.00E+00	0		

VF118PM	8.05E-03	1.91E+00	4.57E-02	1.87E+00	0.00E+00	0.00E+00	8.82E+00	1.13E-05	2.47E-03	2.03E-02	0.00E+00	14.42E-04	1.04E-09	2.78E-09	9.95E-02	2.61E+00	5.30E-09	0.00E+00	6.23E+00	1.05E-02	1.98E+01	0.00E+00	1.67E-07	6.78E-08	4.45E-03	5.64E-07	1.35E+00	0.00E+00	1.98E+01	5.65E-04	1.98E+01	2.08E+01	1.25E+00	0.00E+00	0.00E+00	0.00E+00	1.82E+02
VF118PP	9.33E-03	1.59E+00	5.14E-02	1.53E+00	0.00E+00	0.00E+00	8.65E+00	1.57E-05	3.12E-03	1.72E-02	0.00E+00	11.10E-03	1.44E-09	3.13E-08	1.21E-01	3.14E+00	0.00E+00	0.00E+00	8.17E+00	1.48E-02	2.46E+01	0.00E+00	2.01E-07	8.11E-08	4.99E-03	5.53E-07	1.55E+00	0.00E+00	2.46E+01	7.65E-04	2.46E+01	2.62E+01	1.55E+00	0.00E+00	0.00E+00	0.00E+00	2.48E+02
VF118PR	1.07E-02	2.17E+00	6.78E-02	2.08E+00	0.00E+00	0.00E+00	8.45E+00	1.39E-05	2.75E-03	2.17E-02	0.00E+00	11.64E-03	1.38E-09	2.24E-08	1.05E-01	3.26E+00	5.30E-09	0.00E+00	7.65E+00	2.19E-02	2.26E+01	0.00E+00	1.84E-07	8.45E-08	6.19E-03	9.30E-07	1.48E+00	0.00E+00	2.26E+01	6.96E-04	2.26E+01	1.48E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E+02
VF118PS	9.69E-03	2.14E+00	5.97E-02	2.09E+00	0.00E+00	0.00E+00	8.42E+00	1.40E-05	3.43E-03	2.07E-02	0.00E+00	12.27E-03	1.44E-09	3.14E-08	1.07E-01	3.00E+00	5.00E+00	0.00E+00	7.32E+00	3.02E-02	2.22E+01	0.00E+00	1.85E-07	7.84E-08	5.60E-03	9.26E-07	1.44E+00	0.00E+00	2.22E+01	6.40E-04	2.22E+01	2.37E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	2.35E+02
VF118PT	1.68E-02	2.51E+00	7.32E-02	2.44E+00	0.00E+00	0.00E+00	1.11E+01	2.18E-05	8.23E-03	2.42E-02	0.00E+00	11.35E-03	2.39E-09	8.77E-08	1.28E-01	4.39E+00	0.00E+00	0.00E+00	1.13E+01	1.53E-02	2.64E+01	0.00E+00	2.18E-07	9.73E-08	8.78E-03	6.02E-07	2.09E+00	0.00E+00	2.64E+01	6.37E-04	2.64E+01	2.84E+01	2.09E+00	0.00E+00	0.00E+00	0.00E+00	3.75E+02
VF118PY	9.51E-03	2.08E+00	4.75E-02	2.06E+00	0.00E+00	0.00E+00	8.09E+00	1.33E-05	2.66E-03	2.06E-02	0.00E+00	10.99E-04	1.24E-09	2.76E-08	1.07E-01	2.92E+00	5.30E-09	0.00E+00	6.21E+00	1.51E-02	2.15E+01	0.00E+00	1.83E-07	7.79E-08	5.46E-03	5.90E-07	1.39E+00	0.00E+00	2.15E+01	6.20E-04	2.15E+01	2.31E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	2.21E+02
VF118TA	8.46E-03	1.98E+00	4.89E-02	1.95E+00	0.00E+00	0.00E+00	8.55E+00	1.29E-05	2.33E-03	2.09E-02	0.00E+00	13.37E-04	1.07E-09	2.15E-08	1.06E-01	2.74E+00	5.30E-09	0.00E+00	7.02E+00	5.58E-03	2.14E+01	0.00E+00	1.76E-07	7.40E-08	5.29E-03	3.41E-07	1.31E+00	0.00E+00	2.14E+01	7.71E-04	2.14E+01	2.27E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+02
VF118TD	8.86E-03	1.97E+00	4.90E-02	1.95E+00	0.00E+00	0.00E+00	8.45E+00	1.25E-05	2.40E-03	2.04E-02	0.00E+00	14.48E-04	1.07E-09	2.12E-08	1.02E-01	2.82E+00	5.30E-09	0.00E+00	6.23E+00	5.97E-03	2.04E+01	0.00E+00	1.76E-07	7.01E-08	5.15E-03	3.61E-07	1.32E+00	0.00E+00	2.04E+01	7.12E-04	2.04E+01	2.15E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	1.87E+02
VF118TES	9.02E-03	2.02E+00	5.88E-02	1.98E+00	0.00E+00	0.00E+00	8.31E+00	1.38E-05	2.86E-03	2.02E-02	0.00E+00	12.15E-03	1.31E-09	2.73E-08	1.07E-01	3.03E+00	5.30E-09	0.00E+00	7.38E+00	2.69E-02	2.22E+01	0.00E+00	1.72E-07	7.98E-08	5.34E-03	8.81E-07	1.43E+00	0.00E+00	2.22E+01	7.27E-04	2.22E+01	2.36E+01	1.43E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+02
VF118TF	8.39E-03	2.04E+00	4.53E-02	2.03E+00	0.00E+00	0.00E+00	8.50E+00	1.21E-05	2.26E-03	2.06E-02	0.00E+00	14.88E-04	9.67E-10	2.16E-08	9.84E-02	2.63E+00	5.30E-09	0.00E+00	6.19E+00	5.61E-03	2.02E+01	0.00E+00	1.71E-07	7.31E-08	5.05E-03	3.79E-07	1.23E+00	0.00E+00	2.02E+01	6.80E-04	2.02E+01	2.13E+01	1.23E+00	0.00E+00	0.00E+00	0.00E+00	1.86E+02
VF118TJ	8.54E-03	1.99E+00	4.36E-02	1.97E+00	0.00E+00	0.00E+00	8.06E+00	1.11E-05	2.26E-03	2.02E-02	0.00E+00	14.79E-04	9.51E-10	1.73E-08	9.95E-02	2.56E+00	5.30E-09	0.00E+00	5.98E+00	5.73E-03	2.05E+01	0.00E+00	1.68E-07	7.19E-08	5.13E-03	3.68E-07	1.18E+00	0.00E+00	2.05E+01	6.99E-04	2.05E+01	2.13E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+02
VF118TJ1	8.61E-03	1.99E+00	4.74E-02	1.96E+00	0.00E+00	0.00E+00	8.33E+00	1.14E-05	2.27E-03	2.02E-02	0.00E+00	14.16E-04	9.78E-10	1.80E-08	1.01E-01	2.58E+00	5.30E-09	0.00E+00	5.98E+00	5.45E-03	2.06E+01	0.00E+00	1.73E-07	7.33E-08	5.12E-03	3.74E-07	1.20E+00	0.00E+00	2.05E+01	7.13E-04	2.06E+01	2.15E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+02
VF118TM	8.54E-03	2.00E+00	4.88E-02	1.97E+00	0.00E+00	0.00E+00	8.33E+00	1.11E-05	2.30E-03	2.02E-02	0.00E+00	16.33E-04	9.83E-10	1.76E-08	1.01E-01	2.58E+00	5.30E-09	0.00E+00	5.92E+00	9.78E-03	2.05E+01	0.00E+00	1.72E-07	7.33E-08	5.12E-03	6.22E-07	1.20E+00	0.00E+00	2.05E+01	7.06E-04	2.05E+01	2.14E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+02
VF118TP	1.07E-02	2.07E+00	5.72E-02	2.09E+00	0.00E+00	0.00E+00	8.45E+00	1.51E-05	2.79E-03	2.06E-02	0.00E+00	11.47E-03	1.56E-09	3.97E-08	1.37E-01	3.20E+00	5.30E-09	0.00E+00	7.39E+00	2.05E-02	2.32E+01	0.00E+00	1.89E-07	8.32E-08	6.16E-03	6.86E-07	1.49E+00	0.00E+00	2.32E+01	7.11E-04	2.32E+01	2.42E+01	1.49E+00	0.00E+00	0.00E+00	0.00E+00	2.47E+02
VF118TR	9.29E-03	2.05E+00	5.32E-02	2.01E+00	0.00E+00	0.00E+00	8.66E+00	1.27E-05	2.74E-03	2.12E-02	0.00E+00	11.66E-03	1.29E-09	2.13E-08	1.03E-01	3.06E+00	5.30E-09	0.00E+00	7.39E+00	2.20E-02	2.18E+01	0.00E+00	1.76E-07	8.09E-08	5.70E-03	9.25E-07	1.40E+00	0.00E+00	2.18E+01	7.20E-04	2.18E+01	2.32E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.22E+02
VF118TS	9.35E-03	2.00E+00	5.99E-02	2.08E+00	0.00E+00	0.00E+00	8.88E+00	1.21E-05	2.86E-03	2.05E-02	0.00E+00	12.56E-03	1.37E-09	2.38E-08	1.10E-01	2.98E+00	1.24E-06	0.00E+00	7.21E+00	4.02E-02	2.26E+01	0.00E+00	1.84E-07	8.25E-08	5.80E-03	1.13E-06	1.42E+00	0.00E+00	2.26E+01	7.11E-04	2.26E+01	2.43E+01	1.42E+00	0.00E+00	0.00E+00	0.00E+00	2.20E+02
VF122PD	7.74E-03	2.23E+00	3.79E-02	2.19E+00	0.00E+00	0.00E+00	8.53E+00	1.16E-05	2.91E-03	2.13E-02	0.00E+00	8.54E-09	1.32E-09	1.54E-08	1.08E-01	2.70E+00	9.00E+00	0.00E+00	6.74E+00	2.90E-04	2.17E+01	0.00E+00	1.83E-07	7.44E-08	5.59E-03	2.07E-07	1.33E+00	0.00E+00	2.17E+01	6.20E-04	2.17E+01	2.30E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02
VF122PF	7.87E-03	1.88E+00	4.35E-02	1.88E+00	0.00E+00	0.00E+00	8.70E+00	1.14E-05	2.47E-03	2.08E-02	0.00E+00	8.54E-04	1.11E-09	2.60E-08	1.05E-01	2.79E+00	5.30E-09	0.00E+00	6.87E+00	6.40E-03	2.17E+01	0.00E+00	1.73E-07	7.13E-08	4.73E-03	4.06E-07	1.35E+00	0.00E+00	2.17E+01	6.20E-04	2.17E+01	2.27E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	2.05E+02
VF122PJ	9.47E-03	2.29E+00	5.07E-02	2.28E+00	0.00E+00	0.00E+00	7.34E+00	1.47E-05	3.09E-03	2.16E-02	0.00E+00	11.77E-03	1.58E-09	2.78E-08	1.16E-01	3.27E+00	9.93E-07	0.00E+00	8.24E+00	2.68E-02	2.44E+01	0.00E+00	2.01E-07	8.31E-08	5.90E-03	8.85E-07	1.58E+00	0.00E+00	2.44E+01	6.32E-04	2.44E+01	2.57E+01	1.58E+00	0.00E+00	0.00E+00	0.00E+00	2.49E+02
VF122PM	9.34E-03	2.26E+00	5.21E-02	2.12E+00	0.00E+00	0.00E+00	7.21E+00	1.48E-05	3.28E-03	2.21E-02	0.00E+00	10.30E-04	1.43E-09	2.81E-08	1.12E-01	3.32E+00	5.30E-09	0.00E+00	8.20E+00	1.19E-02	2.35E+01	0.00E+00	1.93E-07	8.19E-08	5.83E-03	6.26E-07	1.55E+00	0.00E+00	2.35E+01	6.34E-04	2.35E+01	2.49E+01	1.55E+00	0.00E+00	0.00E+00	0.00E+00	2.48E+02
VF122PP	1.10E-02	1.80E+00	6.12E-02	1.74E+00	0.00E+00	0.00E+00	7.84E+00	1.52E-05	3.09E-03	2.17E-02	0.00E+00	11.47E-03	1.59E-09	3.97E-08	1.37E-01	3.02E+00	5.30E-09	0.00E+00	9.38E+00	2.97E-02	2.78E+01	0.00E+00	2.27E-07	9.20E-08	6.56E-03	6.97E-07	1.78E+00	0.00E+00	2.78E+01	6.48E-04	2.78E+01	2.96E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	2.86E+02
VF122PS	1.01E-02	2.00E+00	6.18E-02	2.01E+00	0.00E+00	0.00E+00	7.66E+00	1.67E-05	3.53E-03	2.00E-02	0.00E+00	12.70E-03	1.59E-09	3.43E-08	1.17E-01	3.27E+00	2.08E-05	0.00E+00	8.02E+00	3.66E-02	2.40E+01	0.00E+00	1.55E-07	8.27E-08	5.53E-03	1.14E-06	1.83E+00	0.00E+00	2.40E+01	6.29E-04	2.40E+01	2.58E+01	1.83E+00	0.00E+00	0.00E+00	0.00E+00	2.69E+02
VF122TA	1.12E-02	2.36E+00	6.25E-02	2.17E+00	0.00E+00	0.00E+00	7.61E+00	1.79E-05	3.07E-03	2.24E-02	0.00E+00	16.41E-04	1.49E-09	2.47E-08	1.14E-01	3.48E+00	5.30E-09	0.00E+00	8.85E+00	7.01E-03	2.52E+01	0.00E+00	1.98E-07	9.31E-08	6.52E-03	4.30E-07	1.63E+00	0.00E+00	2.52E+01	6.89E-04	2.52E+01	2.65E+01	1.63E+00	0.00E+00	0.00E+00	0.00E+00	2.74E+02
VF122TD	1.11E-02	2.41E+00	5.17E-02	2.19E+00	0.00E+00	0.00E+00	7.55E+00	1.70E-05	3.07E-03	2.25E-02	0.00E+00	16.44E-04	1.44E-09	2.55E-08	1.05E-01	3.39E+00	5.30E-09	0.00E+00	8.23E+00	7.30E-03	2.36E+01	0.00E+00	1.86E-07	9.12E-08	6.51E-03	4.29E-07	1.53E+00	0.00E+00	2.36E+01	6.54E-04	2.36E+01	2.42E+01	1.53E+00	0.00E+00	0.00E+00	0.00E+00	2.68E+02
VF122TF	1.03E-02	2.17E+00	4.93E-02	2.20E+00	0.00E+00	0.00E+00	8.03E+00	1.42E-05	2.41E-03	2.15E-02	0.00E+00	14.63E-04	1.13E-09	2.05E-08	1.05E-01	3.06E+00	5.30E-09	0.00E+00	7.39E+00	6.56E-03	2.33E+01	0.00E+00	1.87E-07	8.73E-08	6.15E-03	3.75E-07	1.44E+00	0.00E+00	2.33E+01	7.58E-04	2.33E+01	2.4					

VF218TJ	1.0762	2.32E+02	5.36E+02	2.15E+00	0.00E+00	0.00E+00	8.12E+00	1.86E+05	3.07E+03	2.33E+02	0.00E+00	-4.79E+04	1.47E+09	2.49E+08	1.37E+01	3.69E+00	5.30E+09	0.00E+00	9.47E+00	6.55E+03	2.91E+01	0.00E+00	2.41E+07	1.03E+07	6.84E+03	4.77E+07	1.79E+00	0.00E+00	2.91E+01	1.12E+05	2.91E+01	3.09E+01	1.70E+00	0.00E+00	0.00E+00	0.00E+00	2.98E+02
VF218TJ1	1.20E+02	2.55E+00	6.57E+02	2.83E+00	0.00E+00	0.00E+00	8.52E+00	2.01E+05	3.12E+03	2.88E+02	0.00E+00	-4.77E+04	1.48E+09	2.63E+08	1.53E+01	4.42E+00	5.30E+09	0.00E+00	9.84E+00	6.24E+03	3.42E+01	0.00E+00	2.74E+07	1.20E+07	7.91E+03	4.55E+07	1.96E+00	0.00E+00	3.42E+01	1.14E+05	3.42E+01	3.66E+01	1.86E+00	0.00E+00	0.00E+00	0.00E+00	2.98E+02
VF218TM	1.08E+02	2.41E+00	6.88E+02	2.20E+00	0.00E+00	0.00E+00	8.20E+00	1.94E+05	3.12E+03	2.54E+02	0.00E+00	-8.17E+04	1.45E+09	2.51E+08	1.50E+01	3.91E+00	5.30E+09	0.00E+00	9.78E+00	1.12E+02	3.19E+01	0.00E+00	2.66E+07	1.10E+07	7.20E+03	6.97E+07	1.84E+00	0.00E+00	3.19E+01	1.16E+05	3.19E+01	3.39E+01	1.84E+00	0.00E+00	0.00E+00	0.00E+00	2.91E+02
VF218TP	1.30E+02	2.59E+00	8.07E+02	2.77E+00	0.00E+00	0.00E+00	9.32E+00	2.33E+05	3.99E+03	2.74E+02	0.00E+00	-1.88E+05	1.93E+09	4.03E+08	1.62E+01	4.64E+00	5.30E+09	0.00E+00	1.13E+01	2.57E+02	3.50E+01	0.00E+00	2.86E+07	1.25E+07	7.92E+03	8.81E+07	2.17E+00	0.00E+00	3.50E+01	1.29E+05	3.50E+01	3.74E+01	3.17E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+02
VF218TR	1.35E+02	2.73E+00	7.54E+02	3.20E+00	0.00E+00	0.00E+00	8.06E+00	2.13E+05	3.46E+03	3.00E+02	0.00E+00	-3.22E+03	1.74E+09	2.74E+08	1.62E+01	4.66E+00	5.30E+09	0.00E+00	1.11E+01	3.06E+02	3.51E+01	0.00E+00	2.87E+07	1.25E+07	8.23E+03	1.07E+08	2.13E+00	0.00E+00	3.51E+01	1.31E+05	3.51E+01	3.75E+01	2.13E+00	0.00E+00	0.00E+00	0.00E+00	3.40E+02
VF218TS	1.44E+02	2.99E+00	1.02E+03	3.25E+00	0.00E+00	0.00E+00	1.14E+01	2.22E+05	4.00E+03	3.17E+02	0.00E+00	-1.31E+03	1.94E+09	3.90E+08	1.77E+01	5.02E+00	1.24E+08	0.00E+00	1.13E+01	4.48E+02	3.70E+01	0.00E+00	3.02E+07	1.32E+07	8.45E+03	1.29E+08	2.20E+00	0.00E+00	3.70E+01	1.31E+05	3.70E+01	3.94E+01	2.20E+00	0.00E+00	0.00E+00	0.00E+00	3.65E+02
VF312CT	1.62E+02	9.53E+00	6.93E+02	9.46E+00	0.00E+00	0.00E+00	5.17E+00	1.12E+06	6.30E+03	7.54E+02	0.00E+00	-1.25E+18	1.42E+09	1.57E+09	9.74E+02	3.89E+00	9.00E+00	0.00E+00	4.99E+00	6.07E+04	2.32E+01	0.00E+00	2.46E+07	1.25E+07	1.70E+02	4.32E+07	1.94E+00	0.00E+00	2.32E+01	2.74E+05	2.32E+01	2.47E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+02
VF312PA	1.19E+02	2.44E+00	5.58E+02	3.24E+00	0.00E+00	0.00E+00	8.00E+00	1.97E+05	3.28E+03	2.87E+02	0.00E+00	-1.81E+05	1.84E+09	1.57E+09	1.47E+01	4.25E+00	5.30E+09	0.00E+00	1.00E+01	2.59E+03	3.46E+01	0.00E+00	2.54E+07	1.13E+07	7.75E+03	3.46E+07	2.02E+00	0.00E+00	3.46E+01	1.00E+05	3.46E+01	3.51E+01	3.24E+00	0.00E+00	0.00E+00	0.00E+00	3.06E+02
VF312PD	1.07E+02	2.98E+00	5.23E+02	2.92E+00	0.00E+00	0.00E+00	8.20E+00	1.82E+05	2.87E+03	2.87E+02	0.00E+00	-8.84E+19	1.84E+09	2.15E+09	1.46E+01	3.78E+00	5.30E+09	0.00E+00	9.82E+00	3.90E+04	3.03E+01	0.00E+00	2.54E+07	1.05E+07	7.81E+03	2.78E+07	1.87E+00	0.00E+00	3.03E+01	9.35E+00	3.03E+01	3.22E+01	1.87E+00	0.00E+00	0.00E+00	0.00E+00	2.94E+02
VF312PE	1.01E+02	2.18E+00	5.52E+02	2.13E+00	0.00E+00	0.00E+00	8.33E+00	2.04E+05	2.14E+03	2.37E+02	0.00E+00	-8.79E+19	1.81E+09	2.01E+09	1.66E+01	3.95E+00	9.00E+00	0.00E+00	1.05E+01	3.89E+04	3.37E+01	0.00E+00	2.78E+07	1.09E+07	6.72E+03	2.77E+07	2.01E+00	0.00E+00	3.37E+01	1.10E+05	3.37E+01	3.57E+01	2.01E+00	0.00E+00	0.00E+00	0.00E+00	3.10E+02
VF312PEB	8.14E+03	1.79E+00	4.59E+02	1.74E+00	0.00E+00	0.00E+00	7.10E+00	1.59E+05	1.73E+03	1.97E+02	0.00E+00	-7.61E+19	1.46E+09	1.64E+09	1.49E+01	3.32E+00	9.00E+00	0.00E+00	8.81E+00	3.42E+04	2.84E+01	0.00E+00	2.35E+07	8.85E+08	5.53E+03	2.44E+07	1.89E+00	0.00E+00	2.85E+01	8.57E+04	2.85E+01	3.02E+01	1.89E+00	0.00E+00	0.00E+00	0.00E+00	2.41E+02
VF312PEBH	4.56E+03	1.51E+00	2.16E+02	1.81E+00	0.00E+00	0.00E+00	3.08E+00	6.69E+05	1.12E+03	1.55E+02	0.00E+00	-1.57E+03	7.72E+10	8.25E+09	4.22E+02	1.31E+00	7.90E+07	0.00E+00	3.02E+00	1.21E+02	9.84E+00	0.00E+00	8.00E+08	3.91E+08	3.38E+03	1.87E+07	6.57E+01	0.00E+00	9.84E+00	2.23E+06	9.84E+00	1.09E+01	1.57E+01	0.00E+00	0.00E+00	0.00E+00	1.33E+02
VF312PF	9.80E+03	2.18E+00	5.12E+02	2.29E+00	0.00E+00	0.00E+00	7.84E+00	1.63E+05	2.80E+03	2.41E+02	0.00E+00	-1.42E+03	1.66E+09	2.27E+09	1.38E+01	3.47E+00	9.93E+07	0.00E+00	8.83E+00	2.13E+02	2.71E+01	0.00E+00	2.28E+07	9.20E+08	6.13E+03	8.14E+07	1.70E+00	0.00E+00	3.02E+01	6.73E+06	2.71E+01	2.89E+01	1.70E+00	0.00E+00	0.00E+00	0.00E+00	2.55E+02
VF312PJ	1.05E+02	2.27E+00	5.93E+02	2.24E+00	0.00E+00	0.00E+00	7.85E+00	1.78E+05	3.02E+03	2.52E+02	0.00E+00	-3.28E+04	1.57E+09	2.20E+09	1.54E+01	3.61E+00	5.30E+09	0.00E+00	9.19E+00	2.91E+03	3.02E+01	0.00E+00	2.55E+07	1.03E+07	8.86E+03	3.79E+07	1.79E+00	0.00E+00	3.02E+01	6.32E+04	3.02E+01	3.22E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	2.65E+02
VF312PM	1.03E+02	2.74E+00	5.49E+02	2.20E+00	0.00E+00	0.00E+00	7.64E+00	1.69E+05	3.19E+03	2.53E+02	0.00E+00	-7.82E+04	1.56E+09	2.35E+09	1.48E+01	3.68E+00	5.30E+09	0.00E+00	9.01E+00	8.83E+03	2.78E+01	0.00E+00	2.44E+07	9.93E+08	8.86E+03	5.93E+07	1.79E+00	0.00E+00	2.78E+01	8.96E+04	2.78E+01	3.09E+01	1.75E+00	0.00E+00	0.00E+00	0.00E+00	2.61E+02
VF312PR	1.40E+02	2.85E+00	8.07E+02	3.35E+00	0.00E+00	0.00E+00	9.36E+00	2.18E+05	3.57E+03	3.19E+02	0.00E+00	-8.21E+03	1.87E+09	2.77E+09	1.58E+01	4.68E+00	3.44E+05	0.00E+00	1.09E+01	4.17E+02	3.56E+01	0.00E+00	3.00E+07	1.31E+07	8.69E+03	1.38E+08	2.12E+00	0.00E+00	3.56E+01	1.30E+05	3.56E+01	3.78E+01	2.12E+00	0.00E+00	0.00E+00	0.00E+00	3.45E+02
VF312PS	1.33E+02	3.17E+00	9.15E+02	3.07E+00	0.00E+00	0.00E+00	9.86E+00	2.19E+05	4.42E+03	3.55E+02	0.00E+00	-3.80E+03	2.12E+09	4.26E+09	1.56E+01	4.41E+00	9.00E+00	0.00E+00	1.12E+01	5.55E+02	3.30E+01	0.00E+00	2.74E+07	1.17E+07	8.29E+03	1.51E+08	2.14E+00	0.00E+00	3.30E+01	6.74E+04	3.30E+01	3.51E+01	2.14E+00	0.00E+00	0.00E+00	0.00E+00	3.53E+02
VF312PT	3.29E+02	3.98E+00	1.39E+03	3.85E+00	0.00E+00	0.00E+00	1.89E+01	3.55E+05	1.80E+02	3.86E+02	0.00E+00	-2.25E+03	3.86E+09	1.97E+07	1.99E+01	7.71E+00	9.00E+00	0.00E+00	1.87E+01	3.02E+02	4.18E+01	0.00E+00	3.51E+07	1.63E+07	1.11E+02	1.95E+08	3.48E+00	0.00E+00	4.18E+01	8.99E+04	4.18E+01	4.53E+01	3.48E+00	0.00E+00	0.00E+00	0.00E+00	6.31E+02
VF312PY	1.29E+02	2.75E+00	3.73E+02	3.18E+00	0.00E+00	0.00E+00	8.16E+00	2.10E+05	3.78E+03	2.97E+02	0.00E+00	-1.08E+03	1.88E+09	3.20E+09	1.60E+01	4.36E+00	5.30E+09	0.00E+00	1.08E+01	1.57E+02	3.42E+01	0.00E+00	2.78E+07	1.16E+07	8.16E+03	7.36E+07	2.11E+00	0.00E+00	3.42E+01	1.01E+05	3.42E+01	3.61E+01	2.11E+00	0.00E+00	0.00E+00	0.00E+00	3.18E+02
VF312PZC	1.30E+02	2.76E+00	7.49E+02	3.18E+00	0.00E+00	0.00E+00	8.16E+00	2.17E+05	3.53E+03	2.92E+02	0.00E+00	-1.15E+03	1.77E+09	3.07E+09	1.58E+01	4.84E+00	5.30E+09	0.00E+00	1.10E+01	1.74E+02	3.50E+01	0.00E+00	2.78E+07	1.20E+07	6.16E+03	7.24E+07	2.14E+00	0.00E+00	3.42E+01	1.02E+05	3.42E+01	3.75E+01	2.14E+00	0.00E+00	0.00E+00	0.00E+00	3.26E+02
VF312PZG	9.06E+03	1.27E+00	6.43E+02	1.93E+00	0.00E+00	0.00E+00	8.20E+00	1.38E+05	3.72E+03	2.11E+02	0.00E+00	-3.00E+03	1.74E+09	2.74E+09	1.66E+01	2.95E+00	5.30E+09	0.00E+00	7.45E+00	1.44E+02	2.22E+01	0.00E+00	1.85E+07	7.93E+08	6.84E+03	6.86E+07	1.84E+00	0.00E+00	2.22E+01	6.32E+04	2.22E+01	2.35E+01	1.84E+00	0.00E+00	0.00E+00	0.00E+00	2.28E+02
VF312TA	1.31E+02	2.79E+00	6.43E+02	2.99E+00	0.00E+00	0.00E+00	8.87E+00	2.20E+05	3.30E+03	3.03E+02	0.00E+00	-3.30E+04	1.74E+09	2.41E+09	1.52E+01	4.57E+00	5.30E+09	0.00E+00	1.05E+01	4.31E+03	3.01E+01	0.00E+00	2.86E+07	1.34E+07	8.43E+03	3.72E+07	2.07E+00	0.00E+00	3.47E+01	1.28E+05	3.47E+01	3.72E+01	2.07E+00	0.00E+00	0.00E+00	0.00E+00	3.18E+02
VF312TD	1.18E+02	2.57E+00	6.18E+02	2.89E+00	0.00E+00	0.00E+00	8.38E+00	2.12E+05	3.12E+03	2.99E+02	0.00E+00	-3.30E+04	1.63E+09	2.20E+09	1.49E+01	4.40E+00	5.30E+09	0.00E+00	1.02E+01	4.14E+03	3.36E+01	0.00E+00	2.62E+07	1.23E+07	7.84E+03	3.78E+07	1.99E+00	0.00E+00	3.36E+01	1.28E+05	3.36E+01	3.65E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	3.18E+02
VF312TE	1.12E+02	2.65E+00	5.93E+02	2.33E+00	0.00E+00	0.00E+00	8.30E+00	2.18E+05	3.07E+03	2.89E+02	0.00E+00	-1.15E+04	1.74E+09	2.27E+09	1.48E+01	3.98E+00	5.30E+09	0.00E+00	1.03E+01	1.85E+03	3.20E+01	0.00E+00	2.73E+07	1.16E+07	7.66E+03	3.44E+07	1.95E+00	0.00E+00	3.20E+01	1.28E+05	3.20E+01	3.45E+01	1.95E+00	0.00E+00	0.00E+00	0.00E+00	3.22E+02
VF312TF	1.09E+02	2.46E+00	5.24E+02	2.19E+00	0.00E+00	0.00E+00	7.95E+00	1.88E+05	3.13E+03	2.62E+02	0.00E+00	-3.27E+04	1.43E+09	2.19E+09	1.34E+01	3.53E+00	5.30E+09	0.00E+00	9.05E+00	4.32E+03	2.83E+01	0.00E+00	2.30E+07	1.00E+07	7.04E+03	3.62E+07	1.71E+00	0.00E+00	2.83E+01	1.13E+05	2.83E+01	2.94E+01	1.71E+00</				

VF418PEH	219E-02	4.54E+00	1.52E-01	4.36E+00	0.00E+00	0.00E+00	1.71E+01	3.82E-05	6.92E-03	4.79E-02	0.00E+00	-1.35E-03	3.57E-09	6.85E-09	2.85E-01	7.44E-04	1.00E-05	0.00E+00	1.91E+01	7.90E-02	5.72E-01	0.00E+00	4.67E-07	1.97E-07	1.32E-02	2.36E-06	3.70E+00	0.00E+00	5.72E-01	1.70E-05	5.72E-01	6.14E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-02
VF418PES	2.07E-02	3.88E+00	1.51E-01	3.73E+00	0.00E+00	0.00E+00	1.68E+01	3.97E-05	5.96E-03	4.17E-02	0.00E+00	-1.41E-03	3.39E-09	6.13E-09	2.95E-01	7.45E+00	0.00E+00	0.00E+00	1.96E+01	8.16E-02	6.00E+01	0.00E+00	4.89E-07	1.96E-07	1.20E-02	2.45E-06	3.74E+00	0.00E+00	6.00E+01	1.85E-05	6.00E+01	6.37E+01	3.74E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-02
VF418PF	1.51E-02	3.64E+00	1.05E-01	3.55E+00	0.00E+00	0.00E+00	1.53E+01	3.36E-05	6.12E-03	3.50E-02	0.00E+00	-1.70E-03	3.01E-09	7.86E-09	2.26E-01	6.62E+00	4.61E-09	0.00E+00	1.65E+01	1.50E-02	4.46E+01	0.00E+00	3.62E-07	1.49E-07	1.00E-02	8.94E-07	3.20E+00	0.00E+00	4.46E+01	1.37E-05	4.46E+01	4.82E+01	3.20E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02
VF418PJ	1.51E-02	3.66E+00	1.05E-01	3.53E+00	0.00E+00	0.00E+00	1.52E+01	3.29E-05	6.02E-03	3.45E-02	0.00E+00	-1.56E-03	2.93E-09	7.86E-09	2.24E-01	6.68E+00	5.04E-09	0.00E+00	1.62E+01	1.29E-02	4.47E+01	0.00E+00	3.61E-07	1.49E-07	1.01E-02	8.90E-07	3.21E+00	0.00E+00	4.47E+01	1.36E-05	4.47E+01	4.86E+01	3.21E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-02
VF418PM	1.70E-02	4.35E+00	1.34E-01	3.93E+00	0.00E+00	0.00E+00	1.65E+01	3.34E-05	6.65E-03	4.25E-02	0.00E+00	-1.23E-03	3.20E-09	8.25E-09	2.30E-01	7.11E+00	5.30E-09	0.00E+00	1.72E+01	2.72E-02	4.85E+01	0.00E+00	4.03E-07	1.75E-07	1.18E-02	1.29E-06	3.47E+00	0.00E+00	4.85E+01	1.51E-05	4.85E+01	5.21E+01	3.47E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-02
VF418PP	2.62E-02	4.22E+00	1.48E-01	4.07E+00	0.00E+00	0.00E+00	2.00E+01	4.65E-05	9.32E-03	4.55E-02	0.00E+00	-1.67E-03	3.95E-09	9.93E-09	3.15E-01	8.83E+00	0.00E+00	0.00E+00	2.25E+01	4.92E-02	6.52E+01	0.00E+00	5.29E-07	2.18E-07	1.33E-02	1.70E-06	4.39E+00	0.00E+00	6.52E+01	2.01E-05	6.52E+01	6.94E+01	4.29E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-02
VF418PR	2.63E-02	5.30E+00	1.47E-01	4.86E+00	0.00E+00	0.00E+00	1.77E+01	4.96E-05	6.36E-03	5.31E-02	0.00E+00	-1.04E-03	3.49E-09	6.55E-09	2.82E-01	8.34E+00	2.19E-05	0.00E+00	1.70E+01	6.33E-02	6.46E+01	0.00E+00	5.22E-07	2.31E-07	1.50E-02	2.04E-06	3.99E+00	0.00E+00	6.46E+01	2.56E-05	6.46E+01	6.96E+01	3.99E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-02
VF418PS	2.23E-02	4.52E+00	1.57E-01	4.70E+00	0.00E+00	0.00E+00	1.98E+01	3.84E-05	7.20E-03	5.06E-02	0.00E+00	-1.87E-03	3.47E-09	8.70E-09	2.59E-01	7.25E+00	0.00E+00	0.00E+00	1.84E+01	9.18E-02	5.44E+01	0.00E+00	4.39E-07	1.91E-07	1.37E-02	2.69E-06	3.52E+00	0.00E+00	5.44E+01	1.96E-05	5.44E+01	5.79E+01	3.52E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-02
VF418PY	2.72E-02	5.23E+00	1.43E-01	4.17E+00	0.00E+00	0.00E+00	1.60E+01	4.20E-05	6.07E-03	4.18E-02	0.00E+00	-1.27E-03	3.92E-09	8.59E-09	3.03E-01	9.24E+00	1.46E-05	0.00E+00	2.15E+01	3.45E-02	7.02E+01	0.00E+00	5.65E-07	2.45E-07	1.65E-02	1.60E-06	4.35E+00	0.00E+00	7.02E+01	1.83E-05	7.02E+01	7.51E+01	4.35E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-02
VF418PZC	1.67E-02	3.87E+00	9.24E-02	3.72E+00	0.00E+00	0.00E+00	1.19E+01	2.46E-05	4.18E-03	3.89E-02	0.00E+00	-2.21E-03	2.16E-09	4.09E-09	1.97E-01	5.51E+00	1.46E-05	0.00E+00	1.37E+01	2.80E-02	4.15E+01	0.00E+00	3.40E-07	1.55E-07	1.10E-02	1.20E-06	2.60E+00	0.00E+00	4.15E+01	1.40E-05	4.15E+01	4.43E+01	2.60E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-02
VF418TA	2.34E-02	4.99E+00	1.28E-01	4.72E+00	0.00E+00	0.00E+00	1.74E+01	4.40E-05	6.08E-03	5.16E-02	0.00E+00	-8.35E-04	3.54E-09	4.53E-09	2.83E-01	7.86E+00	1.46E-05	0.00E+00	1.97E+01	1.15E-02	6.29E+01	0.00E+00	5.06E-07	2.22E-07	1.42E-02	9.94E-07	3.73E+00	0.00E+00	6.29E+01	2.47E-05	6.29E+01	6.69E+01	3.73E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-02
VF418TD	2.15E-02	5.54E+00	9.84E-02	5.44E+00	0.00E+00	0.00E+00	1.63E+01	4.25E-05	5.03E-03	5.36E-02	0.00E+00	-1.52E-03	3.20E-09	4.24E-09	2.43E-01	7.28E+00	0.00E+00	0.00E+00	1.86E+01	6.78E-04	5.79E+01	0.00E+00	4.76E-07	2.13E-07	1.46E-02	4.82E-07	3.52E+00	0.00E+00	5.79E+01	2.12E-05	5.79E+01	6.15E+01	3.52E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-02
VF418TES	2.33E-02	4.99E+00	1.42E-01	4.82E+00	0.00E+00	0.00E+00	1.72E+01	4.41E-05	6.40E-03	4.96E-02	0.00E+00	-1.44E-03	3.53E-09	5.24E-09	2.82E-01	7.79E+00	1.29E-05	0.00E+00	1.90E+01	6.42E-02	6.24E+01	0.00E+00	4.96E-07	2.18E-07	1.39E-02	2.05E-06	3.71E+00	0.00E+00	6.24E+01	2.45E-05	6.24E+01	6.65E+01	3.71E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-02
VF418TF	1.92E-02	3.92E+00	9.92E-02	3.80E+00	0.00E+00	0.00E+00	1.15E+01	3.81E-05	5.39E-03	4.07E-02	0.00E+00	-1.70E-03	2.76E-09	4.22E-09	2.42E-01	6.94E+00	3.04E-09	0.00E+00	1.17E+01	3.84E-02	5.27E+01	0.00E+00	4.28E-07	1.79E-07	1.16E-02	6.96E-07	3.92E+00	0.00E+00	5.27E+01	1.77E-05	5.27E+01	5.70E+01	3.92E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-02
VF418TJ	1.99E-02	4.00E+00	9.92E-02	4.06E+00	0.00E+00	0.00E+00	1.51E+01	3.82E-05	5.36E-03	4.15E-02	0.00E+00	-1.70E-03	2.75E-09	4.19E-09	2.41E-01	6.95E+00	3.04E-09	0.00E+00	1.70E+01	7.31E-03	5.34E+01	0.00E+00	4.32E-07	1.83E-07	1.16E-02	6.26E-07	3.26E+00	0.00E+00	5.34E+01	1.77E-05	5.34E+01	5.73E+01	3.26E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02
VF418TM	2.14E-02	4.49E+00	1.30E-01	4.34E+00	0.00E+00	0.00E+00	1.61E+01	3.88E-05	6.85E-03	4.90E-02	0.00E+00	-1.20E-03	3.02E-09	4.45E-09	2.55E-01	7.40E+00	6.30E-09	0.00E+00	1.78E+01	2.51E-02	5.86E+01	0.00E+00	4.63E-07	2.02E-07	1.33E-02	1.15E-06	3.47E+00	0.00E+00	5.86E+01	1.83E-05	5.86E+01	6.05E+01	3.47E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-02
VF418TP	2.76E-02	5.21E+00	1.43E-01	4.77E+00	0.00E+00	0.00E+00	1.86E+01	5.08E-05	6.83E-03	5.22E-02	0.00E+00	-1.25E-03	3.57E-09	5.26E-09	2.83E-01	9.19E+00	1.29E-05	0.00E+00	2.20E+01	3.72E-02	7.18E+01	0.00E+00	5.62E-07	2.42E-07	1.69E-02	1.42E-06	4.37E+00	0.00E+00	7.18E+01	2.56E-05	7.18E+01	7.66E+01	4.27E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-02
VF418TR	2.62E-02	5.32E+00	1.42E-01	4.93E+00	0.00E+00	0.00E+00	1.76E+01	4.96E-05	6.83E-03	5.31E-02	0.00E+00	-1.04E-03	3.45E-09	4.57E-09	2.73E-01	8.36E+00	1.83E-06	0.00E+00	2.06E+01	6.29E-02	6.49E+01	0.00E+00	5.23E-07	2.29E-07	1.50E-02	2.09E-06	3.90E+00	0.00E+00	6.49E+01	2.54E-05	6.49E+01	6.96E+01	3.90E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-02
VF418TS	2.17E-02	5.06E+00	1.40E-01	4.90E+00	0.00E+00	0.00E+00	1.65E+01	4.26E-05	6.01E-03	4.94E-02	0.00E+00	-1.40E-03	3.29E-09	5.08E-09	2.66E-01	7.42E+00	5.04E-09	0.00E+00	1.87E+01	6.41E-02	5.96E+01	0.00E+00	4.77E-07	2.11E-07	1.39E-02	1.95E-06	3.56E+00	0.00E+00	5.96E+01	2.42E-05	5.96E+01	6.34E+01	3.56E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-02
VH12AT	1.34E-02	2.99E+00	1.00E-01	2.87E+00	0.00E+00	0.00E+00	2.29E+01	4.83E-05	3.73E-03	2.82E-02	0.00E+00	-1.83E-03	4.82E-09	7.35E-09	1.69E-01	5.52E+00	3.50E-08	0.00E+00	2.05E+01	3.25E-02	3.66E+01	0.00E+00	2.85E-07	1.29E-07	7.74E-03	8.96E-07	3.59E+00	0.00E+00	3.66E+01	1.05E-05	3.66E+01	3.97E+01	3.59E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-02
VH12DKN	1.26E-02	2.93E+00	9.92E-02	2.86E+00	0.00E+00	0.00E+00	2.25E+01	4.43E-05	3.26E-03	2.78E-02	0.00E+00	-1.74E-03	4.59E-09	5.61E-09	1.62E-01	4.86E+00	3.50E-08	0.00E+00	1.94E+01	1.01E-02	3.34E+01	0.00E+00	2.68E-07	1.18E-07	7.54E-03	8.54E-07	3.02E+00	0.00E+00	3.34E+01	1.00E-05	3.34E+01	3.94E+01	3.02E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-02
VH12EP	1.28E-02	2.94E+00	9.96E-02	2.84E+00	0.00E+00	0.00E+00	2.19E+01	4.70E-05	3.25E-03	2.77E-02	0.00E+00	-1.791E-04	4.59E-09	5.61E-09	1.67E-01	5.36E+00	3.50E-08	0.00E+00	1.99E+01	1.09E-02	3.58E+01	0.00E+00	2.76E-07	1.35E-07	7.60E-03	5.40E-07	3.20E+00	0.00E+00	3.58E+01	1.01E-05	3.58E+01	3.96E+01	3.20E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-02
VH12ET	1.34E-02	2.99E+00	9.90E-02	3.12E+00	0.00E+00	0.00E+00	2.19E+01	4.39E-05	3.64E-03	2.99E-02	0.00E+00	-1.748E-03	4.51E-09	6.48E-09	1.61E-01	4.44E+00	3.50E-08	0.00E+00	1.95E+01	4.81E-02	3.36E+01	0.00E+00	2.72E-07	1.18E-07	7.38E-03	8.00E-07	3.04E+00	0.00E+00	3.36E+01	1.04E-05	3.36E+01	3.61E+01	3.04E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-02
VH12NA	1.26E-02	2.87E+00	9.81E-02	2.77E+00	0.00E+00	0.00E+00	2.20E+01	4.73E-05	3.21E-03	2.76E-02	0.00E+00	-1.16E-04	4.82E-09	5.72E-09	1.71E-01	5.40E+00	3.00E+00	0.00E+00	1.99E+01	7.28E-03	3.58E+01	0.00E+00	2.76E-07	1.25E-07	7.53E-03	4.76E-07	3.29E+00	0.00E+00	3.58E+01	1.02E-05	3.58E+01	3.91E+01	3.29E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-02
VH12NC	1.62E-02	3.06E+00	1.17E-02	2.97E+00	0.00E+00	0.00E+00	2.39E+01	5.12E-05	5.48E-03	2.97E-02	0.00E+00	-1.80E-03	5.16E-09	8.20E-09	1.82E-01	6.10E+00	0.00E+00	0.00E+00	2.16E+01	2.43E-02	3.86E+01	0.00E+00	2.98E-07	1.37E-07	8.27E-03	9.07E-07	3.99E+00	0.00E+00	3.86E+01	1.08E-05	3.86E+01	4.22E+01	3.99E+00				

VH603VWH	2.85E-02	5.81E+00	2.14E-01	5.81E+00	0.00E+00	0.00E+00	4.75E+01	9.86E-05	8.04E-03	5.66E-02	0.00E+00	1.92E-03	8.41E-09	1.27E-07	3.05E-01	1.13E+01	1.83E-08	0.00E+00	3.73E+01	6.54E-02	7.41E+01	0.00E+00	5.82E-07	2.90E-07	1.59E-02	1.86E-06	6.59E+00	0.00E+00	7.41E+01	2.21E-05	7.41E+01	8.02E+01	6.59E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+03
VH60AT	3.04E-02	6.30E+00	2.32E-01	6.11E+00	0.00E+00	0.00E+00	5.21E+01	1.06E-04	8.68E-03	6.05E-02	0.00E+00	1.251E-03	9.30E-09	1.47E-07	4.03E-01	1.23E+01	3.82E-09	0.00E+00	4.12E+01	3.68E-02	8.28E+01	0.00E+00	6.45E-07	2.77E-07	1.67E-02	1.53E-06	7.17E+00	0.00E+00	8.28E+01	2.15E-05	8.28E+01	9.01E+01	7.17E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+03
VH60DKN	2.81E-02	6.24E+00	6.81E-01	5.96E+00	0.00E+00	0.00E+00	5.15E+01	1.07E-04	6.99E-03	5.83E-02	0.00E+00	1.168E-02	8.39E-09	1.24E-07	4.04E-01	1.22E+01	1.86E-08	0.00E+00	4.03E+01	3.24E-01	8.21E+01	0.00E+00	6.42E-07	2.77E-07	1.61E-02	7.29E-06	7.16E+00	0.00E+00	8.21E+01	1.67E-05	8.21E+01	8.85E+01	7.16E+00	0.00E+00	0.00E+00	0.00E+00	1.40E+03
VH60EP	2.94E-02	6.29E+00	3.15E-01	6.04E+00	0.00E+00	0.00E+00	5.16E+01	1.06E-04	8.32E-03	5.93E-02	0.00E+00	1.79E-03	9.09E-09	1.46E-07	3.99E-01	1.23E+01	3.22E-05	0.00E+00	4.09E+01	4.38E-02	8.20E+01	0.00E+00	6.49E-07	2.77E-07	1.63E-02	1.31E-06	7.14E+00	0.00E+00	8.20E+01	2.14E-05	8.20E+01	8.84E+01	7.14E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+03
VH60ET	2.81E-02	6.14E+00	2.24E-01	5.88E+00	0.00E+00	0.00E+00	4.96E+01	1.04E-04	8.02E-03	5.71E-02	0.00E+00	1.250E-03	9.49E-09	1.43E-07	3.84E-01	1.20E+01	1.18E-08	0.00E+00	4.09E+01	8.89E-02	7.82E+01	0.00E+00	6.02E-07	2.68E-07	1.59E-02	1.44E-06	6.99E+00	0.00E+00	7.82E+01	2.17E-05	7.82E+01	8.53E+01	6.99E+00	0.00E+00	0.00E+00	0.00E+00	1.40E+03
VH60MMV	2.50E-02	6.04E+00	1.99E-01	5.87E+00	0.00E+00	0.00E+00	4.84E+01	9.86E-05	6.83E-03	5.78E-02	0.00E+00	1.269E-03	7.73E-09	1.10E-07	3.52E-01	1.11E+01	1.06E-07	0.00E+00	3.81E+01	3.75E-02	7.30E+01	0.00E+00	5.80E-07	2.61E-07	1.57E-02	1.43E-06	6.51E+00	0.00E+00	7.30E+01	2.32E-05	7.30E+01	7.97E+01	6.51E+00	0.00E+00	0.00E+00	0.00E+00	1.33E+03
VH60NA	2.92E-02	6.43E+00	2.24E-01	6.21E+00	0.00E+00	0.00E+00	5.21E+01	1.06E-04	8.07E-03	6.19E-02	0.00E+00	1.162E-03	9.92E-09	1.11E-07	3.94E-01	1.24E+01	3.00E+00	0.00E+00	4.24E+01	2.24E-02	8.15E+01	0.00E+00	6.34E-07	2.77E-07	1.70E-02	1.24E-06	7.39E+00	0.00E+00	8.15E+01	2.15E-05	8.15E+01	8.89E+01	7.39E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+03
VH60NE	2.70E-02	6.16E+00	3.34E-01	6.01E+00	0.00E+00	0.00E+00	5.12E+01	1.08E-04	8.05E-03	6.0E-02	0.00E+00	1.448E-03	9.38E-09	1.14E-07	4.00E-01	1.21E+01	6.75E-05	0.00E+00	3.99E+01	9.10E-02	8.19E+01	0.00E+00	6.29E-07	2.77E-07	1.61E-02	1.59E-06	7.06E+00	0.00E+00	8.19E+01	1.16E-05	8.19E+01	8.92E+01	7.06E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+03
VH60NK	8.41E-03	4.41E+00	7.17E-02	4.34E+00	0.00E+00	0.00E+00	5.28E+00	6.07E-07	2.85E-03	3.6E-02	0.00E+00	1.558E-03	7.28E-10	8.35E-09	4.58E-02	1.84E+00	3.84E+00	0.00E+00	2.92E+00	7.33E-02	1.10E+01	0.00E+00	1.15E-07	8.58E-08	7.82E-03	1.97E-06	6.63E-01	0.00E+00	1.10E+01	7.81E-07	1.17E+01	6.53E-01	0.00E+00	0.00E+00	0.00E+00	7.88E+01	
VH60NKM	1.21E-02	3.57E+00	7.02E-02	3.20E+00	0.00E+00	0.00E+00	3.20E+00	1.91E-05	3.17E-03	3.04E-02	0.00E+00	1.838E-03	2.03E-09	4.63E-08	9.63E-02	3.69E+00	4.48E-07	0.00E+00	1.00E+01	4.23E-02	3.20E+01	0.00E+00	2.01E-07	8.97E-08	6.94E-03	1.32E-06	1.90E+00	0.00E+00	2.32E+01	7.54E-06	2.32E+01	2.56E+01	1.90E+00	0.00E+00	0.00E+00	0.00E+00	3.33E+02
VH60NN	3.41E-02	6.68E+00	2.51E-01	6.43E+00	0.00E+00	0.00E+00	5.44E+01	1.12E-04	1.14E-02	6.4E-02	0.00E+00	1.44E-03	1.16E-08	1.76E-07	4.06E-01	1.33E+01	0.00E+00	0.00E+00	4.44E+01	4.66E-02	8.45E+01	0.00E+00	6.57E-07	2.93E-07	1.78E-02	1.85E-06	7.85E+00	0.00E+00	8.45E+01	2.19E-05	8.45E+01	9.22E+01	7.85E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+03
VH60NW	2.62E-02	6.07E+00	2.07E-01	5.86E+00	0.00E+00	0.00E+00	4.74E+01	1.02E-04	5.93E-03	5.87E-02	0.00E+00	1.220E-03	9.62E-09	1.12E-07	3.55E-01	1.14E+01	0.00E+00	0.00E+00	3.93E+01	3.00E-02	7.78E+01	0.00E+00	6.01E-07	2.70E-07	1.62E-02	1.36E-06	6.71E+00	0.00E+00	7.78E+01	2.30E-05	7.78E+01	8.43E+01	6.71E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+03
VH60NWb	2.47E-02	5.86E+00	1.94E-01	5.60E+00	0.00E+00	0.00E+00	3.88E+01	8.92E-05	5.33E-03	5.36E-02	0.00E+00	1.45E-04	7.60E-09	1.10E-07	3.35E-01	1.02E+01	4.79E-08	0.00E+00	3.98E+01	1.92E-02	7.24E+01	0.00E+00	5.78E-07	2.57E-07	1.59E-02	7.86E-07	6.83E+00	0.00E+00	7.24E+01	2.26E-05	7.24E+01	7.88E+01	5.83E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+03
VH60NWP	2.57E-02	5.97E+00	2.02E-01	5.79E+00	0.00E+00	0.00E+00	4.79E+01	1.02E-04	5.71E-03	5.84E-02	0.00E+00	1.245E-03	9.39E-09	1.11E-07	3.65E-01	1.15E+01	4.79E-08	0.00E+00	3.90E+01	3.20E-02	7.75E+01	0.00E+00	6.20E-07	2.67E-07	1.58E-02	1.39E-06	6.89E+00	0.00E+00	7.75E+01	2.31E-05	7.75E+01	8.42E+01	6.89E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+03
VH60WWH	2.46E-02	5.74E+00	2.05E-01	5.69E+00	0.00E+00	0.00E+00	3.60E+01	8.77E-05	5.67E-03	5.54E-02	0.00E+00	1.245E-03	8.76E-09	9.93E-08	3.36E-01	1.04E+01	7.49E-08	0.00E+00	3.50E+01	5.77E-02	7.38E+01	0.00E+00	5.82E-07	2.59E-07	1.55E-02	1.41E-06	5.94E+00	0.00E+00	7.38E+01	2.38E-05	7.38E+01	8.01E+01	5.94E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+03
VH60WVW	2.43E-02	5.76E+00	1.86E-01	5.59E+00	0.00E+00	0.00E+00	3.94E+01	8.62E-05	5.46E-03	5.41E-02	0.00E+00	1.278E-03	7.73E-09	9.78E-08	3.33E-01	9.94E+00	1.06E-07	0.00E+00	3.39E+01	6.27E-02	6.88E+01	0.00E+00	5.34E-07	2.43E-07	1.54E-02	1.44E-06	5.79E+00	0.00E+00	6.88E+01	2.23E-05	6.88E+01	7.44E+01	5.79E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+03
VR108NE	2.11E-03	7.57E-01	9.68E-02	7.65E-01	0.00E+00	0.00E+00	1.29E+00	1.73E-06	5.66E-04	6.30E-03	0.00E+00	1.128E-03	1.88E-10	3.39E-09	1.72E-02	5.54E-01	1.14E-07	0.00E+00	1.09E+00	2.02E-03	3.79E+00	0.00E+00	3.44E-08	1.60E-08	1.53E-03	1.34E-07	2.40E-01	0.00E+00	3.79E+00	8.26E-07	3.79E+00	3.93E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+01
VR108NH	2.16E-03	7.29E-01	2.02E-02	7.98E-01	0.00E+00	0.00E+00	1.28E+00	1.81E-06	5.72E-04	6.17E-03	0.00E+00	1.70E-03	1.96E-10	3.56E-09	1.55E-02	5.53E-01	1.01E-07	0.00E+00	1.10E+00	2.00E-02	3.85E+00	0.00E+00	3.43E-08	1.60E-08	1.48E-03	5.71E-07	2.40E-01	0.00E+00	3.85E+00	8.49E-07	3.85E+00	3.98E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	3.46E+01
VR108NP	2.99E-03	8.82E-01	1.21E-02	8.34E-01	0.00E+00	0.00E+00	1.65E+00	2.90E-06	1.07E-03	8.89E-03	0.00E+00	1.82E-06	3.97E-10	9.02E-09	2.47E-02	7.13E-01	5.30E-09	0.00E+00	1.45E+00	2.65E-04	4.60E+00	0.00E+00	4.19E-08	1.84E-08	1.89E-03	6.78E-08	3.26E-01	0.00E+00	4.60E+00	1.09E-06	4.60E+00	5.01E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	4.39E+01
VR108PP	3.09E-03	8.94E-01	1.37E-02	8.39E-01	0.00E+00	0.00E+00	2.21E+00	4.99E-06	1.05E-03	8.82E-03	0.00E+00	2.01E-10	3.97E-10	1.10E-08	3.62E-02	1.02E+00	0.00E+00	0.00E+00	2.48E+00	9.20E-05	7.86E+00	0.00E+00	6.90E-08	2.63E-08	1.67E-03	6.62E-08	4.87E-01	0.00E+00	7.86E+00	2.41E-06	7.86E+00	8.35E+00	4.87E-01	0.00E+00	0.00E+00	0.00E+00	4.74E+01
VR108TD	3.33E-03	9.59E-01	1.40E-02	9.00E+00	0.00E+00	0.00E+00	2.64E+00	6.46E-06	1.06E-03	6.48E-03	0.00E+00	2.96E-06	3.06E-10	9.02E-09	2.81E-02	8.59E-01	8.83E-07	0.00E+00	1.93E+00	2.57E-04	6.26E+00	0.00E+00	6.20E-07	2.44E-08	1.59E-03	6.15E-08	3.91E-01	0.00E+00	6.26E+00	1.73E-06	6.26E+00	6.52E+00	3.91E-01	0.00E+00	0.00E+00	0.00E+00	6.34E+01
VR108TF	3.13E-03	7.59E-01	1.11E-02	7.53E-01	0.00E+00	0.00E+00	1.68E+00	3.56E-06	9.70E-04	6.71E-03	0.00E+00	1.90E-06	3.21E-10	5.96E-09	2.69E-02	7.24E-01	5.30E-09	0.00E+00	1.56E+00	2.45E-04	5.33E+00	0.00E+00	4.30E-08	2.10E-08	1.77E-03	2.97E-01	0.00E+00	5.33E+00	1.82E-06	5.33E+00	5.61E+00	3.97E-01	0.00E+00	0.00E+00	0.00E+00	5.75E+01	
VR108TP	3.44E-03	7.96E-01	1.40E-02	8.26E-01	0.00E+00	0.00E+00	1.97E+00	4.08E-06	1.05E-03	7.84E-03	0.00E+00	1.92E-06	3.56E-10	9.80E-09	3.77E-02	8.80E-01	5.30E-09	0.00E+00	2.10E+00	2.65E-04	6.83E+00	0.00E+00	5.67E-08	2.46E-08	1.92E-03	6.50E-08	4.19E-01	0.00E+00	6.83E+00	1.84E-06	6.83E+00	7.03E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	6.68E+01
VR112NE	3.32E-03	1.38E+00	1.12E-02	1.33E+00	0.00E+00	0.00E+00	1.74E+00	1.87E-06	9.32E-04	1.11E-02	0.00E+00	2.12E-10	3.68E-10	4.39E-09	1.85E-02	7.10E-01	9.00E+00	0.00E+00	1.34E+00	9.71E-05	4.25E+00	0.00E+00	4.15E-08	2.07E-08	3.53E-03	6.91E-08	3.99E-01	0.00E+00	4.25E+00	5.90E-07	4.25E+00	4.55E+00	2.99E-01	0.00E+00	0.00E+00	0.00E+00	4.62E+01
VR112NH	2.56E-03	9.61E-01	2.06E-02	8.95E-01	0.00E+00	0.00E+00	1.38E+00	1.85E-06	8.85E-04	6.99E-03	0.00E+00	1.294E-03	2.39E-10	3.90E-09	1.73E-02	5.99E-01	9.13E-07	0.00E+00	1.16E+00	2.98E-02	4.08E+00	0.00E+00	3.49E-08	1.72E-08	1.75E-03	6.36E-07	2.51E-01	0.00E+00	4.08E+00	7.77E-07	4.08E+00	4.21E+00	2.51E-01	0.00E+00	0.00E+00		

VS108TD	2.97E-03	7.82E-01	1.37E-02	7.80E-01	0.00E+00	0.00E+00	1.86E+00	5.24E-06	7.28E-04	7.42E-03	0.00E+00	-2.09E-04	3.10E-10	4.71E-09	3.44E-02	1.00E+00	5.30E-09	0.00E+00	2.48E+00	3.38E-03	8.18E+00	0.00E+00	6.92E-08	2.99E-08	2.03E-03	1.83E-07	4.69E-01	0.00E+00	8.18E+00	2.74E-08	8.18E+00	8.91E+00	4.89E-01	0.00E+00	0.00E+00	0.00E+00	7.77E-01
VS108TE	2.98E-03	7.83E-01	1.38E-02	7.80E-01	0.00E+00	0.00E+00	1.87E+00	5.24E-06	7.08E-04	7.38E-03	0.00E+00	-5.41E-05	2.96E-10	4.57E-09	3.41E-02	9.99E-01	5.30E-09	0.00E+00	2.48E+00	3.26E-04	8.08E+00	0.00E+00	6.89E-08	2.99E-08	2.02E-03	6.42E-08	4.66E-01	0.00E+00	8.08E+00	2.92E-08	8.08E+00	8.63E+00	4.66E-01	0.00E+00	0.00E+00	0.00E+00	7.82E-01
VS108TF	2.93E-03	7.82E-01	1.40E-02	7.44E-01	0.00E+00	0.00E+00	1.56E+00	4.60E-04	7.23E-04	7.44E-03	0.00E+00	-2.09E-04	2.95E-10	4.39E-09	2.74E-02	8.35E-01	5.30E-09	0.00E+00	2.04E+00	3.62E-03	6.83E+00	0.00E+00	5.70E-08	2.58E-08	2.01E-03	1.63E-07	3.96E-01	0.00E+00	6.83E+00	2.31E-08	6.83E+00	7.23E+00	3.96E-01	0.00E+00	0.00E+00	0.00E+00	6.78E+01
VS108TJ	3.00E-03	7.89E-01	1.49E-02	7.89E-01	0.00E+00	0.00E+00	1.82E+00	5.69E-04	7.32E-04	7.37E-03	0.00E+00	-2.07E-04	3.18E-10	4.79E-09	3.77E-02	1.09E+00	5.30E-09	0.00E+00	2.72E+00	3.28E-03	8.92E+00	0.00E+00	7.46E-08	3.32E-08	2.03E-03	1.68E-07	5.07E-01	0.00E+00	8.92E+00	2.83E-08	8.92E+00	9.50E+00	5.07E-01	0.00E+00	0.00E+00	0.00E+00	8.53E+01
VS108TM	2.98E-03	7.81E-01	1.37E-02	7.76E-01	0.00E+00	0.00E+00	1.71E+00	5.25E-06	7.28E-04	7.42E-03	0.00E+00	-2.09E-04	3.16E-10	4.73E-09	3.44E-02	1.00E+00	5.30E-09	0.00E+00	2.48E+00	3.38E-03	8.18E+00	0.00E+00	6.92E-08	2.99E-08	2.03E-03	1.83E-07	4.70E-01	0.00E+00	8.18E+00	2.74E-08	8.18E+00	8.91E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	7.77E-01
VS108TP	2.95E-03	7.84E-01	1.35E-02	7.85E-01	0.00E+00	0.00E+00	1.87E+00	5.24E-06	7.30E-04	7.28E-03	0.00E+00	-2.07E-04	2.97E-10	4.64E-09	3.43E-02	9.71E-01	5.30E-09	0.00E+00	2.47E+00	3.28E-03	8.06E+00	0.00E+00	6.88E-08	2.97E-08	2.03E-03	1.84E-07	4.98E-01	0.00E+00	8.06E+00	2.79E-08	8.06E+00	8.64E+00	4.98E-01	0.00E+00	0.00E+00	0.00E+00	7.81E+01
VS108TR	3.05E-03	8.26E-01	2.49E-02	7.99E-01	0.00E+00	0.00E+00	1.88E+00	5.32E-06	7.37E-04	7.54E-03	0.00E+00	-1.31E-03	3.30E-10	3.47E-02	1.09E+00	7.91E-01	0.00E+00	2.55E+00	2.20E-02	8.18E+00	0.00E+00	6.99E-08	3.19E-08	2.20E-03	6.91E-07	5.02E-01	0.00E+00	8.18E+00	2.84E-08	8.18E+00	8.75E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00	8.02E+01	
VS108TS	3.12E-03	8.28E-01	2.59E-02	7.91E-01	0.00E+00	0.00E+00	1.88E+00	4.70E-04	7.53E-04	7.80E-03	0.00E+00	-1.75E-03	3.16E-10	6.30E-09	3.16E-02	1.04E+00	5.30E-09	0.00E+00	2.54E+00	2.20E-02	8.07E+00	0.00E+00	6.91E-08	3.19E-08	2.20E-03	6.85E-07	4.97E-01	0.00E+00	8.07E+00	2.85E-08	8.07E+00	8.90E+00	4.97E-01	0.00E+00	0.00E+00	0.00E+00	7.98E+01
VS112PA	5.24E-03	1.48E+00	2.39E-02	1.48E+00	0.00E+00	0.00E+00	1.85E+00	6.76E-04	1.61E-03	1.36E-02	0.00E+00	-2.93E-04	7.53E-10	1.73E-09	6.07E-02	1.74E+00	5.30E-09	0.00E+00	3.95E+00	3.94E-03	1.25E+01	0.00E+00	1.06E-07	4.47E-08	3.50E-03	1.84E-07	8.04E-01	0.00E+00	1.25E+01	3.32E-08	1.25E+01	1.33E+01	8.04E-01	0.00E+00	0.00E+00	0.00E+00	1.23E+02
VS112PD	4.38E-03	1.44E+00	2.02E-02	1.42E+00	0.00E+00	0.00E+00	2.00E+00	5.16E-04	1.24E-03	1.31E-02	0.00E+00	-3.53E-09	5.70E-10	8.29E-09	5.98E-02	1.43E+00	0.00E+00	0.00E+00	3.17E+00	1.65E-04	1.11E+01	0.00E+00	9.68E-08	3.96E-08	3.31E-03	1.17E-07	6.65E-01	0.00E+00	1.11E+01	2.89E-08	1.11E+01	1.18E+01	6.65E-01	0.00E+00	0.00E+00	0.00E+00	8.96E+01
VS112PE	4.26E-03	1.43E+00	1.96E-02	1.41E+00	0.00E+00	0.00E+00	2.77E+00	4.91E-04	1.17E-03	1.30E-02	0.00E+00	-3.46E-09	5.47E-10	7.36E-09	5.51E-02	1.40E+00	0.00E+00	0.00E+00	3.07E+00	1.63E-04	1.16E+01	0.00E+00	9.56E-08	3.90E-08	3.27E-03	1.16E-07	6.48E-01	0.00E+00	1.16E+01	2.86E-08	1.16E+01	1.18E+01	6.48E-01	0.00E+00	0.00E+00	0.00E+00	8.64E+01
VS112PEB	3.97E-03	1.34E+00	1.85E-02	1.32E+00	0.00E+00	0.00E+00	2.58E+00	4.63E-04	1.05E-03	1.23E-02	0.00E+00	-3.31E-09	5.16E-10	6.26E-09	5.31E-02	1.32E+00	0.00E+00	0.00E+00	2.91E+00	1.55E-04	1.06E+01	0.00E+00	9.16E-08	3.71E-08	3.10E-03	1.16E-07	6.16E-01	0.00E+00	1.06E+01	2.76E-08	1.06E+01	1.12E+01	6.16E-01	0.00E+00	0.00E+00	0.00E+00	8.11E+01
VS112PF	4.38E-03	1.43E+00	2.47E-02	1.51E+00	0.00E+00	0.00E+00	3.40E+00	6.03E-04	1.15E-03	1.41E-02	0.00E+00	-2.96E-04	7.06E-10	1.13E-09	5.21E-02	1.43E+00	5.30E-09	0.00E+00	3.11E+00	4.94E-03	1.11E+01	0.00E+00	9.16E-08	3.88E-08	3.29E-03	1.92E-07	6.79E-01	0.00E+00	1.11E+01	2.76E-08	1.11E+01	1.19E+01	6.79E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+02
VS112PJ	5.17E-03	1.46E+00	2.37E-02	1.47E+00	0.00E+00	0.00E+00	3.82E+00	7.18E-04	1.62E-03	1.32E-02	0.00E+00	-2.93E-04	7.65E-10	1.71E-09	6.07E-02	1.76E+00	5.30E-09	0.00E+00	4.35E+00	4.02E-03	1.26E+01	0.00E+00	1.07E-07	4.50E-08	3.79E-03	2.02E-07	8.16E-01	0.00E+00	1.26E+01	3.26E-08	1.26E+01	1.33E+01	8.16E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
VS112PM	4.38E-03	1.44E+00	2.35E-02	1.52E+00	0.00E+00	0.00E+00	3.41E+00	6.08E-04	1.15E-03	1.36E-02	0.00E+00	-2.96E-04	6.97E-10	1.13E-09	5.21E-02	1.43E+00	5.30E-09	0.00E+00	3.37E+00	4.53E-03	1.11E+01	0.00E+00	9.15E-08	3.88E-08	3.29E-03	1.93E-07	6.79E-01	0.00E+00	1.11E+01	2.78E-08	1.11E+01	1.19E+01	6.79E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+02
VS112PP	6.38E-03	1.53E+00	3.15E-02	1.50E+00	0.00E+00	0.00E+00	3.92E+00	7.66E-04	2.45E-03	1.42E-02	0.00E+00	-17.34E-04	7.42E-10	2.14E-09	6.29E-02	1.84E+00	0.00E+00	0.00E+00	4.20E+00	9.87E-03	1.31E+01	0.00E+00	1.11E-07	4.77E-08	3.73E-03	3.63E-07	8.44E-01	0.00E+00	1.31E+01	3.48E-08	1.31E+01	1.39E+01	8.44E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
VS112PR	6.71E-03	1.53E+00	3.30E-02	1.46E+00	0.00E+00	0.00E+00	4.15E+00	9.43E-04	2.02E-03	1.39E-02	0.00E+00	-1.51E-03	7.30E-10	1.83E-09	6.32E-02	1.93E+00	7.91E-01	0.00E+00	4.60E+00	2.28E-02	1.38E+01	0.00E+00	1.16E-07	5.05E-08	3.59E-03	6.67E-07	9.05E-01	0.00E+00	1.38E+01	4.31E-08	1.38E+01	1.47E+01	9.05E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
VS112PS	6.36E-03	1.53E+00	3.77E-02	1.49E+00	0.00E+00	0.00E+00	3.91E+00	7.83E-04	2.44E-03	1.41E-02	0.00E+00	-1.51E-03	7.46E-10	2.14E-09	6.24E-02	1.84E+00	0.00E+00	0.00E+00	4.18E+00	2.01E-02	1.36E+01	0.00E+00	1.11E-07	4.74E-08	3.71E-03	6.16E-07	8.98E-01	0.00E+00	1.36E+01	3.36E-08	1.36E+01	1.39E+01	8.98E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
VS112PY	6.04E-03	1.49E+00	2.55E-02	1.49E+00	0.00E+00	0.00E+00	3.92E+00	7.04E-04	1.92E-03	1.35E-02	0.00E+00	-6.25E-04	7.66E-10	1.84E-09	6.13E-02	1.81E+00	5.30E-09	0.00E+00	4.10E+00	9.68E-03	1.28E+01	0.00E+00	1.10E-07	4.81E-08	3.60E-03	2.53E-07	8.93E-01	0.00E+00	1.28E+01	3.29E-08	1.28E+01	1.38E+01	8.93E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
VS112TA	5.81E-03	1.53E+00	2.49E-02	1.45E+00	0.00E+00	0.00E+00	4.10E+00	8.98E-04	1.80E-03	1.39E-02	0.00E+00	-13.86E-04	7.82E-10	1.70E-09	6.22E-02	1.90E+00	5.30E-09	0.00E+00	4.39E+00	4.94E-03	1.37E+01	0.00E+00	1.13E-07	4.92E-08	3.65E-03	2.36E-07	8.90E-01	0.00E+00	1.37E+01	4.26E-08	1.37E+01	1.44E+01	8.90E-01	0.00E+00	0.00E+00	0.00E+00	1.41E+02
VS112TD	5.87E-03	1.57E+00	2.57E-02	1.45E+00	0.00E+00	0.00E+00	4.05E+00	8.97E-04	1.76E-03	1.41E-02	0.00E+00	-10.75E-04	7.76E-10	1.76E-09	6.32E-02	1.90E+00	5.30E-09	0.00E+00	4.39E+00	5.28E-03	1.38E+01	0.00E+00	1.13E-07	4.92E-08	3.79E-03	2.36E-07	8.74E-01	0.00E+00	1.38E+01	4.26E-08	1.38E+01	1.45E+01	8.74E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
VS112TE	5.37E-03	1.48E+00	2.05E-02	1.44E+00	0.00E+00	0.00E+00	3.86E+00	8.69E-04	1.65E-03	1.34E-02	0.00E+00	-4.28E-05	7.63E-10	1.21E-09	6.30E-02	1.78E+00	5.30E-09	0.00E+00	4.30E+00	5.70E-04	1.30E+01	0.00E+00	1.12E-07	4.71E-08	3.13E-03	1.20E-07	8.53E-01	0.00E+00	1.34E+01	4.33E-08	1.34E+01	1.42E+01	8.53E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
VS112TF	5.20E-03	1.44E+00	2.46E-02	1.43E+00	0.00E+00	0.00E+00	3.82E+00	8.71E-04	1.33E-03	1.37E-02	0.00E+00	-13.38E-04	7.29E-10	1.56E-09	6.12E-02	1.74E+00	5.30E-09	0.00E+00	4.16E+00	4.92E-03	1.34E+01	0.00E+00	1.09E-07	4.56E-08	3.25E-03	2.30E-07	8.23E-01	0.00E+00	1.34E+01	4.12E-08	1.34E+01	1.40E+01	8.23E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
VS112TJ	5.72E-03	1.55E+00	2.81E-02	1.55E+00	0.00E+00	0.00E+00	4.07E+00	8.68E-04	1.79E-03	1.42E-02	0.00E+00	-1.30E-03	9.24E-10	1.67E-09	6.28E-02	1.93E+00	9.51E-07	0.00E+00	4.82E+00	7.18E-03	1.37E+01	0.00E+00	1.14E-07	5.17E-08	3.75E-03	2.84E-07	9.09E-01	0.00E+00	1.37E+01	4.05E-08	1.37E+01	1.45E+01	9.09E-01	0.00E+00	0.00E+00	0.00E+00	1.62E+02
VS112TM	5.66E-03	1.51E+00	2.37E-02	1.45E+00	0.00E+00	0.00E+00	4.01E+00	8.94E-04	1.77E-03	1.40E-02	0.00E+00	-3.35E-04	7.79E-10	1.66E-09	6.27E-02	1.90E+00	5.30E-09	0.00E+00	4.34E+00	9.01E-03	1.37E+01	0.00E+00	1.13E-07	4.95E-08	3.70E-03	2.29E-07	8.73E-01	0.00E+00	1.37E+01	4.13E-08	1.37E+01	1.44E+01	8.73E-01	0.00E+			

VS212PBZ	5.93e-03	1.85e+00	2.29e-02	1.83e+00	0.00e+00	0.00e+00	2.47e+00	4.46e-04	1.44e-03	1.69e-02	0.00e+00	4.44e-19	6.96e-10	6.48e-09	7.02e-02	1.70e+00	0.00e+00	0.00e+00	3.89e+00	2.05e-04	1.39e+01	0.00e+00	1.22e-07	4.97e-08	4.25e-03	1.48e-07	7.77e-01	0.00e+00	1.39e+01	3.94e-08	1.39e+01	1.47e+01	7.77e-01	0.00e+00	0.00e+00	0.00e+00	1.02e+02
VS212TA	8.27e-03	1.99e+00	3.90e-02	1.95e+00	0.00e+00	0.00e+00	2.25e+00	1.23e-05	2.20e-03	2.02e-02	0.00e+00	-3.32e-04	9.81e-10	1.60e-08	9.50e-02	2.49e+00	5.30e-09	0.00e+00	5.99e+00	4.06e-03	1.96e+01	0.00e+00	1.64e-07	7.11e-08	5.14e-03	2.90e-07	1.19e+00	0.00e+00	1.96e+01	6.82e-06	1.96e+01	2.10e+01	1.19e+00	0.00e+00	0.00e+00	0.00e+00	1.81e+02
VS212TD	7.93e-03	2.29e+00	3.34e-02	2.26e+00	0.00e+00	0.00e+00	5.51e+00	1.34e-05	2.01e-03	2.13e-02	0.00e+00	5.48e-19	9.68e-10	1.49e-08	8.38e-02	2.55e+00	0.00e+00	0.00e+00	6.00e+00	2.52e-04	2.00e+01	0.00e+00	1.67e-07	7.50e-08	6.63e-03	1.80e-07	1.18e+00	0.00e+00	2.00e+01	6.91e-06	2.00e+01	2.11e+01	1.18e+00	0.00e+00	0.00e+00	0.00e+00	1.90e+02
VS212TE	7.12e-03	2.03e+00	3.01e-02	2.02e+00	0.00e+00	0.00e+00	4.69e+00	1.04e-05	1.93e-03	1.92e-02	0.00e+00	-8.21e-06	8.89e-10	1.26e-08	8.47e-02	2.29e+00	5.30e-09	0.00e+00	5.29e+00	5.44e-04	1.83e+01	0.00e+00	1.54e-07	6.90e-08	5.05e-03	1.55e-07	1.08e+00	0.00e+00	1.80e+01	5.84e-06	1.83e+01	1.95e+01	1.08e+00	0.00e+00	0.00e+00	0.00e+00	1.98e+02
VS212TF	7.85e-03	1.95e+00	3.33e-02	1.84e+00	0.00e+00	0.00e+00	4.96e+00	1.00e-05	2.13e-03	1.75e-02	0.00e+00	2.52e-04	9.36e-10	1.65e-08	8.23e-02	2.34e+00	5.30e-09	0.00e+00	5.30e+00	4.04e-03	1.88e+01	0.00e+00	1.43e-07	6.45e-08	4.65e-03	2.74e-07	1.07e+00	0.00e+00	1.68e+01	5.73e-06	1.68e+01	1.79e+01	1.07e+00	0.00e+00	0.00e+00	0.00e+00	1.62e+02
VS212TJ	8.48e-03	1.97e+00	3.11e-02	1.97e+00	0.00e+00	0.00e+00	5.99e+00	1.33e-05	2.43e-03	2.04e-02	0.00e+00	-4.27e-04	1.03e-09	2.18e-08	9.50e-02	2.83e+00	6.30e-09	0.00e+00	6.99e+00	5.75e-03	2.06e+01	0.00e+00	1.71e-07	7.39e-08	6.52e-03	3.72e-07	1.25e+00	0.00e+00	2.00e+01	7.15e-06	2.06e+01	2.15e+01	1.25e+00	0.00e+00	0.00e+00	0.00e+00	1.96e+02
VS212TM	6.29e-03	1.97e+00	5.44e-02	1.95e+00	0.00e+00	0.00e+00	5.07e+00	1.11e-05	2.22e-03	2.00e-02	0.00e+00	-3.31e-04	9.73e-10	1.66e-08	9.45e-02	2.40e+00	5.30e-09	0.00e+00	5.99e+00	4.02e-03	1.92e+01	0.00e+00	1.62e-07	7.02e-08	5.14e-03	2.90e-07	1.17e+00	0.00e+00	1.96e+01	6.22e-06	1.93e+01	2.05e+01	1.17e+00	0.00e+00	0.00e+00	0.00e+00	1.73e+02
VS212TR	8.87e-03	1.98e+00	3.74e-02	2.84e-03	0.00e+00	0.00e+00	5.05e+00	1.15e-05	2.43e-03	1.96e-02	0.00e+00	2.49e-04	1.01e-09	1.98e-08	9.83e-02	2.60e+00	2.86e-05	0.00e+00	6.09e+00	2.78e-02	2.00e+01	0.00e+00	1.70e-07	7.45e-08	6.18e-03	1.05e-06	1.23e+00	0.00e+00	2.00e+01	6.41e-06	2.00e+01	2.14e+01	1.23e+00	0.00e+00	0.00e+00	0.00e+00	1.86e+02
VS212TS	8.46e-03	1.98e+00	3.82e-02	2.04e+00	0.00e+00	0.00e+00	5.01e+00	1.06e-05	2.58e-03	1.94e-02	0.00e+00	2.27e-03	1.01e-09	1.82e-08	9.44e-02	2.48e+00	2.93e-05	0.00e+00	5.82e+00	3.22e-02	1.90e+01	0.00e+00	1.60e-07	7.08e-08	5.21e-03	1.07e-06	1.16e+00	0.00e+00	1.90e+01	5.86e-06	1.90e+01	2.04e+01	1.16e+00	0.00e+00	0.00e+00	0.00e+00	1.77e+02
VS212TY	8.62e-03	1.88e+00	5.99e-02	1.88e+00	0.00e+00	0.00e+00	5.65e+00	1.34e-05	2.69e-03	2.04e-02	0.00e+00	-6.68e-04	1.02e-09	1.99e-08	1.04e-01	2.63e+00	6.30e-09	0.00e+00	6.53e+00	1.49e-02	2.18e+01	0.00e+00	1.77e-07	7.91e-08	6.27e-03	5.56e-07	1.29e+00	0.00e+00	2.18e+01	7.50e-06	2.18e+01	2.30e+01	1.28e+00	0.00e+00	0.00e+00	0.00e+00	1.96e+02
VS218PA	1.06e-02	2.06e+00	6.78e-02	1.99e+00	0.00e+00	0.00e+00	8.19e+00	1.85e-05	3.19e-03	2.13e-02	0.00e+00	-8.67e-04	1.51e-09	3.50e-08	1.41e-01	3.71e+00	6.30e-09	0.00e+00	9.21e+00	1.12e-02	2.87e+01	0.00e+00	2.35e-07	9.47e-08	6.97e-03	5.60e-07	1.89e+00	0.00e+00	2.87e+01	8.35e-06	2.87e+01	3.09e+01	1.80e+00	0.00e+00	0.00e+00	0.00e+00	2.77e+02
VS218PD	8.12e-03	1.78e+00	4.46e-02	1.72e+00	0.00e+00	0.00e+00	7.21e+00	1.55e-05	1.99e-03	1.90e-02	0.00e+00	7.12e-19	1.31e-09	2.00e-08	1.36e-01	3.19e+00	0.00e+00	0.00e+00	8.09e+00	3.26e-04	2.68e+01	0.00e+00	2.20e-07	8.36e-08	6.31e-03	2.36e-07	1.81e+00	0.00e+00	2.68e+01	7.75e-06	2.68e+01	2.83e+01	1.81e+00	0.00e+00	0.00e+00	0.00e+00	2.26e+02
VS218PDE	9.93e-03	2.12e+00	6.45e-02	2.05e+00	0.00e+00	0.00e+00	7.78e+00	1.72e-05	2.88e-03	1.89e-02	0.00e+00	-4.73e-04	1.31e-09	3.02e-08	1.23e-01	3.41e+00	6.30e-09	0.00e+00	9.71e+00	8.28e-03	2.57e+01	0.00e+00	2.09e-07	8.39e-08	6.73e-03	4.05e-07	1.68e+00	0.00e+00	2.57e+01	6.54e-06	2.57e+01	2.73e+01	1.68e+00	0.00e+00	0.00e+00	0.00e+00	2.70e+02
VS218PES	9.92e-03	1.86e+00	7.53e-02	1.79e+00	0.00e+00	0.00e+00	8.03e+00	1.83e-05	3.02e-03	2.01e-02	0.00e+00	-3.25e-03	1.44e-09	3.10e-08	1.45e-01	3.58e+00	6.30e+00	0.00e+00	8.01e+00	4.32e-02	2.88e+01	0.00e+00	2.36e-07	9.23e-08	6.74e-03	1.29e-06	1.77e+00	0.00e+00	2.87e+01	6.34e-06	2.88e+01	3.06e+01	1.77e+00	0.00e+00	0.00e+00	0.00e+00	2.62e+02
VS218PF	1.02e-02	2.06e+00	6.90e-02	2.01e+00	0.00e+00	0.00e+00	7.99e+00	1.75e-05	3.36e-03	2.11e-02	0.00e+00	-2.20e-04	1.50e-09	3.47e-08	1.25e-01	3.52e+00	6.30e+00	0.00e+00	8.81e+00	1.17e-02	2.68e+01	0.00e+00	2.29e-07	8.73e-08	6.96e-03	5.88e-07	1.70e+00	0.00e+00	2.68e+01	7.10e-06	2.68e+01	2.83e+01	1.70e+00	0.00e+00	0.00e+00	0.00e+00	2.68e+02
VS218PJ	1.02e-02	2.11e+00	6.99e-02	2.07e+00	0.00e+00	0.00e+00	7.95e+00	1.71e-05	3.29e-03	2.15e-02	0.00e+00	-9.08e-04	1.50e-09	3.48e-08	1.29e-01	3.50e+00	6.30e-09	0.00e+00	8.78e+00	1.12e-02	2.73e+01	0.00e+00	2.25e-07	8.95e-08	6.03e-03	5.60e-07	1.74e+00	0.00e+00	2.73e+01	7.25e-06	2.73e+01	2.88e+01	1.74e+00	0.00e+00	0.00e+00	0.00e+00	2.68e+02
VS218PJ1	1.10e-02	1.98e+00	7.02e-02	1.92e+00	0.00e+00	0.00e+00	8.55e+00	1.90e-05	3.43e-03	2.18e-02	0.00e+00	-8.96e-04	1.52e-09	3.55e-08	1.48e-01	3.84e+00	6.30e-09	0.00e+00	9.41e+00	1.19e-02	2.92e+01	0.00e+00	2.42e-07	9.71e-08	6.13e-03	5.80e-07	1.85e+00	0.00e+00	2.92e+01	6.52e-06	2.92e+01	3.15e+01	1.85e+00	0.00e+00	0.00e+00	0.00e+00	2.85e+02
VS218PM	1.14e-02	2.05e+00	6.91e-02	2.00e+00	0.00e+00	0.00e+00	8.41e+00	1.86e-05	3.46e-03	2.21e-02	0.00e+00	-9.05e-04	1.54e-09	3.59e-08	1.48e-01	3.83e+00	6.30e-09	0.00e+00	9.40e+00	1.12e-02	2.94e+01	0.00e+00	2.40e-07	9.70e-08	6.10e-03	5.92e-07	1.85e+00	0.00e+00	2.94e+01	6.51e-06	2.94e+01	3.12e+01	1.85e+00	0.00e+00	0.00e+00	0.00e+00	2.84e+02
VS218PP	1.22e-02	1.97e+00	7.06e-02	1.90e+00	0.00e+00	0.00e+00	9.34e+00	2.05e-05	4.46e-03	2.12e-02	0.00e+00	-1.84e-03	1.67e-09	4.68e-08	1.53e-01	4.03e+00	0.00e+00	0.00e+00	1.01e+01	2.46e-02	3.05e+01	0.00e+00	2.49e-07	9.98e-08	6.17e-03	6.41e-07	1.97e+00	0.00e+00	3.05e+01	8.78e-06	3.05e+01	3.25e+01	1.97e+00	0.00e+00	0.00e+00	0.00e+00	3.04e+02
VS218PS	1.11e-02	1.92e+00	6.52e-02	1.84e+00	0.00e+00	0.00e+00	8.72e+00	1.93e-05	3.79e-03	2.06e-02	0.00e+00	-3.80e-03	1.59e-09	3.95e-08	1.49e-01	3.80e+00	0.00e+00	0.00e+00	9.59e+00	5.05e-02	2.92e+01	0.00e+00	2.42e-07	9.95e-08	6.94e-03	1.46e-06	1.97e+00	0.00e+00	2.92e+01	6.34e-06	2.92e+01	3.14e+01	1.87e+00	0.00e+00	0.00e+00	0.00e+00	2.94e+02
VS218PT	3.09e-02	2.78e+00	1.23e-01	2.66e+00	0.00e+00	0.00e+00	8.03e+00	1.83e-05	3.52e-03	1.72e-02	2.96e-02	0.00e+00	-2.49e-04	1.39e-09	1.95e-07	7.36e+00	6.30e+00	0.00e+00	1.78e+01	4.64e-02	4.07e+01	0.00e+00	3.38e-07	1.49e-07	9.20e-03	1.71e-06	3.34e+00	0.00e+00	4.07e+01	8.94e-06	4.07e+01	4.40e+01	3.34e+00	0.00e+00	0.00e+00	0.00e+00	5.88e+02
VS218PY	1.15e-02	2.10e+00	7.16e-02	1.98e+00	0.00e+00	0.00e+00	8.60e+00	1.88e-05	3.82e-03	2.25e-02	0.00e+00	-1.40e-03	1.58e-09	3.93e-08	1.50e-01	3.90e+00	6.30e-09	0.00e+00	9.51e+00	1.94e-02	2.98e+01	0.00e+00	2.46e-07	1.02e-07	6.81e-03	7.71e-07	1.91e+00	0.00e+00	2.98e+01	8.45e-06	2.98e+01	3.20e+01	1.91e+00	0.00e+00	0.00e+00	0.00e+00	2.84e+02
VS218TA	1.08e-02	2.23e+00	6.62e-02	2.06e+00	0.00e+00	0.00e+00	8.23e+00	2.04e-05	2.89e-03	2.23e-02	0.00e+00	-5.60e-04	1.44e-09	2.68e-08	1.40e-01	3.71e+00	6.30e-09	0.00e+00	9.48e+00	9.34e-03	2.98e+01	0.00e+00	2.40e-07	1.03e-07	6.57e-03	5.48e-07	1.83e+00	0.00e+00	2.98e+01	1.16e-05	2.98e+01	3.16e+01	1.83e+00	0.00e+00	0.00e+00	0.00e+00	2.93e+02
VS218TD	1.01e-02	2.05e+00	4.89e-02	2.00e+00	0.00e+00	0.00e+00	8.25e+00	2.19e-05	2.27e-03	2.21e-02	0.00e+00	7.87e-19	1.33e-09	2.24e-08	1.39e-01	3.73e+00	6.30e+00	0.00e+00	9.47e+00	3.38e-04	3.11e+01	0.00e+00	2.52e-07	1.05e-07	6.40e-03	2.41e-07	1.82e+00	0.00e+00	3.11e+01	1.12e-05	3.11e+01	3.29e+01	1.82e+00	0.00e+00	0.00e+00	0.00e+00	2.96e+02
VS218TES	1.15e-02	2.20e+00	5.97e-02	2.20e+00	0.00e+00	0.00e+00	8.39e+00	2.05e-05	3.06e-03	2.30e-02	0.00e+00	-1.94e-03	1.47e-09	2.93e-08	1.40e-01	3.76e+00	6.30e-09	0.00e+00	9.43e+00	2.81e-02	2.97e+01	0.00e+00	2.39e-07	1.03e-07	6.84e-03	9.82e-07	1.82e+00	0.00e+00	2.97e+01	1.16e-05	2.97e+01	3.14e+01	1.82e+00				

VS412PJ	1.34E-02	3.46E+00	8.07E-02	3.37E+00	0.00E+00	0.00E+00	1.05E+01	1.98E-05	3.31E-03	3.34E-02	0.00E+00	-1.85E-04	1.78E-09	2.87E-08	1.63E-01	4.60E+00	5.30E-09	0.00E+00	1.02E+01	3.96E-03	3.49E+01	0.00E+00	2.90E-07	1.19E-07	8.88E-03	3.66E-07	2.06E+00	0.00E+00	3.49E+01	9.45E-08	3.49E+01	3.62E+01	2.06E+00	0.00E+00	0.00E+00	3.25E+02
VS412PM	1.35E-02	3.44E+00	9.44E-02	3.32E+00	0.00E+00	0.00E+00	1.07E+01	2.34E-05	4.06E-03	3.27E-02	0.00E+00	-1.40E-03	2.07E-09	3.72E-08	1.68E-01	4.75E+00	5.65E-09	0.00E+00	1.16E+01	2.01E-02	3.56E+01	0.00E+00	2.94E-07	1.19E-07	8.69E-03	8.86E-07	2.24E+00	0.00E+00	3.56E+01	9.77E-08	3.56E+01	2.24E+00	0.00E+00	0.00E+00	3.57E+02	
VS412PP	1.89E-02	4.04E+00	1.01E-01	3.94E+00	0.00E+00	0.00E+00	1.28E+01	2.51E-05	7.79E-03	3.78E-02	0.00E+00	-2.94E-03	2.38E-09	7.45E-08	1.77E-01	5.42E+00	6.00E+00	0.00E+00	1.29E+01	3.92E-02	3.68E+01	0.00E+00	3.10E-07	1.34E-07	1.01E-02	1.29E-06	2.53E+00	0.00E+00	3.68E+01	9.41E-08	3.68E+01	3.94E+01	2.53E+00	0.00E+00	0.00E+00	4.04E+02
VS412PR	1.53E-02	3.61E+00	9.22E-02	3.70E+00	0.00E+00	0.00E+00	1.11E+01	2.51E-05	3.72E-03	3.63E-02	0.00E+00	-2.88E-03	1.98E-09	3.09E-08	1.71E-01	4.83E+00	1.48E-04	0.00E+00	1.16E+01	4.25E-02	3.96E+01	0.00E+00	3.24E-07	1.39E-07	9.54E-03	1.47E-06	2.17E+00	0.00E+00	3.96E+01	1.32E-05	3.96E+01	4.01E+01	3.17E+00	0.00E+00	0.00E+00	3.92E+02
VS412PS	1.50E-02	3.80E+00	1.05E-01	3.70E+00	0.00E+00	0.00E+00	1.07E+01	2.00E-05	5.41E-03	3.50E-02	0.00E+00	-1.94E-03	2.02E-09	4.86E-08	1.62E-01	4.60E+00	6.00E+00	0.00E+00	1.09E+01	6.57E-02	3.31E+01	0.00E+00	2.80E-07	1.18E-07	9.16E-03	1.91E-06	2.16E+00	0.00E+00	3.31E+01	8.16E-08	3.31E+01	3.52E+01	2.16E+00	0.00E+00	0.00E+00	3.30E+02
VS412PT	3.59E-02	3.43E+00	1.41E-01	3.29E+00	0.00E+00	0.00E+00	2.05E+01	4.00E-05	1.95E-02	3.66E-02	0.00E+00	-2.25E-03	3.82E-09	2.19E-07	2.49E-01	8.73E+00	6.00E+00	0.00E+00	2.04E+01	3.02E-02	5.05E+01	0.00E+00	4.20E-07	1.83E-07	1.13E-02	1.15E-06	3.95E+00	0.00E+00	5.05E+01	1.16E-05	5.05E+01	5.45E+01	3.95E+00	0.00E+00	0.00E+00	6.75E+02
VS412PY	1.38E-02	3.59E+00	9.20E-02	3.65E+00	0.00E+00	0.00E+00	1.08E+01	1.99E-05	4.04E-03	3.36E-02	0.00E+00	-2.15E-03	1.92E-09	3.71E-08	1.72E-01	4.62E+00	6.62E-07	0.00E+00	1.09E+01	3.20E-02	3.62E+01	0.00E+00	3.02E-07	1.23E-07	8.72E-03	1.04E-06	2.07E+00	0.00E+00	3.62E+01	9.42E-08	3.62E+01	3.70E+01	2.07E+00	0.00E+00	0.00E+00	3.23E+02
VS412TA	1.48E-02	3.86E+00	3.95E-02	3.69E+00	0.00E+00	0.00E+00	1.15E+01	2.50E-05	3.59E-03	3.56E-02	0.00E+00	-2.79E-04	1.76E-09	2.17E-08	1.62E-01	4.79E+00	3.30E+00	0.00E+00	1.14E+01	2.45E-02	3.76E+01	0.00E+00	3.18E-07	1.41E-07	9.34E-03	3.71E-07	2.17E+00	0.00E+00	3.76E+01	1.17E+00	3.76E+01	3.95E+01	2.17E+00	0.00E+00	0.00E+00	3.75E+02
VS412TD	1.40E-02	3.96E+00	5.96E-02	3.90E+00	0.00E+00	0.00E+00	1.10E+01	2.50E-05	3.44E-03	3.71E-02	0.00E+00	-6.65E-19	1.76E-09	2.63E-08	1.49E-01	4.56E+00	6.00E+00	0.00E+00	1.09E+01	4.44E-04	3.58E+01	0.00E+00	3.98E-07	1.34E-07	9.87E-03	3.16E-07	2.14E+00	0.00E+00	3.58E+01	1.26E-05	3.58E+01	3.79E+01	2.14E+00	0.00E+00	0.00E+00	3.57E+02
VS412TE	1.32E-02	3.48E+00	6.57E-02	3.24E+00	0.00E+00	0.00E+00	0.73E+00	2.59E-05	3.25E-03	3.33E-02	0.00E+00	-1.00E-04	1.88E-09	2.46E-08	1.54E-01	4.34E+00	4.61E-03	0.00E+00	1.15E+01	1.61E-03	3.59E+01	0.00E+00	2.95E-07	1.30E-07	6.97E-03	3.75E-07	2.16E+00	0.00E+00	3.59E+01	1.29E-05	3.59E+01	3.74E+01	2.16E+00	0.00E+00	0.00E+00	3.68E+02
VS412TF	1.37E-02	3.37E+00	7.05E-02	3.21E+00	0.00E+00	0.00E+00	0.84E+00	2.63E-05	3.40E-03	3.28E-02	0.00E+00	-3.40E-04	1.92E-09	2.85E-08	1.54E-01	4.48E+00	4.61E-03	0.00E+00	1.16E+01	4.69E-03	3.63E+01	0.00E+00	2.96E-07	1.30E-07	9.01E-03	4.26E-07	2.17E+00	0.00E+00	3.63E+01	1.32E-05	3.63E+01	3.83E+01	2.17E+00	0.00E+00	0.00E+00	3.67E+02
VS412TJ	1.48E-02	3.58E+00	8.09E-02	3.67E+00	0.00E+00	0.00E+00	1.12E+01	2.50E-05	3.55E-03	3.60E-02	0.00E+00	-3.17E-04	1.74E-09	2.80E-08	1.62E-01	4.80E+00	5.30E-09	0.00E+00	1.14E+01	3.17E-03	3.78E+01	0.00E+00	3.16E-07	1.37E-07	9.45E-03	3.77E-07	2.15E+00	0.00E+00	3.78E+01	1.32E-05	3.78E+01	4.02E+01	2.15E+00	0.00E+00	0.00E+00	3.70E+02
VS412TM	1.45E-02	3.57E+00	8.12E-02	3.66E+00	0.00E+00	0.00E+00	1.11E+01	2.73E-05	3.94E-03	3.55E-02	0.00E+00	-1.40E-03	2.01E-09	3.46E-08	1.66E-01	4.80E+00	4.61E-09	0.00E+00	1.20E+01	2.01E-02	3.79E+01	0.00E+00	3.16E-07	1.36E-07	9.46E-03	6.53E-07	2.30E+00	0.00E+00	3.79E+01	1.32E-05	3.79E+01	4.00E+01	2.30E+00	0.00E+00	0.00E+00	3.88E+02
VS412TP	1.52E-02	3.94E+00	8.02E-02	3.74E+00	0.00E+00	0.00E+00	1.13E+01	2.60E-05	3.62E-03	3.62E-02	0.00E+00	-2.83E-04	1.77E-09	1.71E-01	4.89E+00	5.30E-09	0.00E+00	1.20E+01	3.16E-03	3.95E+01	0.00E+00	3.31E-07	1.41E-07	9.73E-03	3.89E-07	2.18E+00	0.00E+00	3.95E+01	1.46E-05	3.95E+01	4.11E+01	2.18E+00	0.00E+00	0.00E+00	3.96E+02	
VS412TR	1.52E-02	3.95E+00	9.21E-02	3.70E+00	0.00E+00	0.00E+00	1.10E+01	2.52E-05	3.74E-03	3.63E-02	0.00E+00	-2.64E-04	1.88E-09	3.17E-08	1.72E-01	4.83E+00	1.48E-04	0.00E+00	1.16E+01	3.53E-02	3.94E+01	0.00E+00	3.24E-07	1.38E-07	9.54E-03	1.95E-06	2.18E+00	0.00E+00	3.94E+01	1.32E-05	3.94E+01	4.01E+01	2.18E+00	0.00E+00	0.00E+00	3.82E+02
VS418PA	1.70E-02	3.20E+00	9.63E-02	3.18E+00	0.00E+00	0.00E+00	1.38E+01	3.14E-05	6.03E-03	3.46E-02	0.00E+00	-1.26E-03	2.64E-09	5.38E-08	2.42E-01	6.33E+00	1.83E-06	0.00E+00	1.54E+01	1.22E-02	4.93E+01	0.00E+00	3.97E-07	1.64E-07	9.99E-03	8.13E-07	3.03E+00	0.00E+00	4.93E+01	1.43E-05	4.93E+01	5.27E+01	3.03E+00	0.00E+00	0.00E+00	4.68E+02
VS418PD	1.36E-02	3.00E+00	7.81E-02	2.92E+00	0.00E+00	0.00E+00	1.30E+01	2.80E-05	3.24E-03	3.35E-02	0.00E+00	-1.24E-03	2.34E-09	3.36E-08	2.42E-01	5.59E+00	6.00E+00	0.00E+00	1.42E+01	5.65E-04	4.65E+01	0.00E+00	3.83E-07	1.45E-07	9.12E-03	4.03E-07	2.82E+00	0.00E+00	4.65E+01	1.35E-05	4.65E+01	4.93E+01	2.82E+00	0.00E+00	0.00E+00	4.02E+02
VS418PES	1.73E-02	3.22E+00	1.37E-01	3.08E+00	0.00E+00	0.00E+00	1.46E+01	3.20E-05	6.33E-03	3.46E-02	0.00E+00	-1.14E-03	2.62E-09	5.59E-08	2.54E-01	6.26E+00	6.00E+00	0.00E+00	1.59E+01	8.15E-02	4.98E+01	0.00E+00	4.08E-07	1.59E-07	8.88E-03	2.96E-06	3.11E+00	0.00E+00	4.98E+01	1.40E-05	4.98E+01	5.29E+01	3.11E+00	0.00E+00	0.00E+00	4.65E+02
VS418PF	1.54E-02	3.34E+00	8.04E-02	3.21E+00	0.00E+00	0.00E+00	1.21E+01	2.46E-05	3.87E-03	3.44E-02	0.00E+00	-1.23E-03	2.37E-09	4.50E-08	1.99E-01	5.14E+00	5.30E-09	0.00E+00	1.26E+01	1.17E-02	3.98E+01	0.00E+00	3.32E-07	1.46E-07	9.80E-03	7.30E-07	2.41E+00	0.00E+00	3.98E+01	1.35E-05	3.98E+01	4.29E+01	2.41E+00	0.00E+00	0.00E+00	3.74E+02
VS418PJ	1.38E-02	3.22E+00	9.39E-02	3.14E+00	0.00E+00	0.00E+00	1.24E+01	2.78E-05	4.15E-03	3.39E-02	0.00E+00	-1.24E-03	2.50E-09	4.57E-08	2.10E-01	5.33E+00	5.04E-03	0.00E+00	1.37E+01	1.16E-02	4.14E+01	0.00E+00	3.42E-07	1.50E-07	9.89E-03	7.67E-07	2.59E+00	0.00E+00	4.14E+01	1.37E-05	4.14E+01	4.48E+01	2.59E+00	0.00E+00	0.00E+00	4.02E+02
VS418PM	1.88E-02	3.48E+00	1.11E-01	3.34E+00	0.00E+00	0.00E+00	1.54E+01	3.40E-05	6.08E-03	3.49E-02	0.00E+00	-1.21E-03	3.18E-09	3.77E-08	2.25E-01	6.82E+00	4.61E-09	0.00E+00	1.66E+01	2.69E-02	5.00E+01	0.00E+00	4.04E-07	1.67E-07	1.01E-02	1.23E-06	3.32E+00	0.00E+00	5.00E+01	1.46E-05	5.00E+01	5.44E+01	3.32E+00	0.00E+00	0.00E+00	5.06E+02
VS418PP	2.28E-02	3.56E+00	1.33E-01	3.43E+00	0.00E+00	0.00E+00	1.78E+01	3.89E-05	8.69E-03	3.83E-02	0.00E+00	-3.67E-03	3.18E-09	9.29E-08	2.74E-01	7.43E+00	6.00E+00	0.00E+00	1.89E+01	4.91E-02	6.00E+01	0.00E+00	4.48E-07	1.81E-07	1.12E-02	1.63E-06	3.83E+00	0.00E+00	5.60E+01	1.57E-05	5.60E+01	5.64E+01	3.83E+00	0.00E+00	0.00E+00	5.73E+02
VS418PR	2.08E-02	4.14E+00	1.26E-01	3.88E+00	0.00E+00	0.00E+00	1.50E+01	3.80E-05	5.19E-03	4.65E-02	0.00E+00	-3.23E-03	2.60E-09	4.07E-08	2.51E-01	8.99E+00	3.65E-06	0.00E+00	1.73E+01	5.40E-02	5.36E+01	0.00E+00	4.34E-07	1.88E-07	1.23E-02	1.91E-06	3.37E+00	0.00E+00	5.36E+01	1.73E-05	5.36E+01	5.78E+01	3.37E+00	0.00E+00	0.00E+00	5.37E+02
VS418PS	1.81E-02	3.27E+00	1.45E-01	3.12E+00	0.00E+00	0.00E+00	1.52E+01	3.31E-05	6.87E-03	3.45E-02	0.00E+00	-8.87E-03	2.72E-09	6.23E-08	2.52E-01	6.41E+00	6.00E+00	0.00E+00	1.64E+01	9.12E-02	5.02E+01	0.00E+00	4.11E-07	1.61E-07	1.00E-02	2.82E-06	3.19E+00	0.00E+00	5.02E+01	1.39E-05	5.02E+01	5.34E+01	3.19E+00	0.00E+00	0.00E+00	4.82E+02
VS418PT	5.40E-02	4.85E+00	2.19E-01	4.63E+00	0.00E+00	0.00E+00	1.13E+01	6.00E-05	3.03E-02	5.15E-02	0.00E+00	-4.57E-03	5.79E-09	3.43E-07	3.45E-01	1.28E+01	6.00E+00	0.00E+00	3.07E+01	8.11E-02	7.03E+01	0.00E+00	5.83E-07	2.59E-07	1.60E-02	2.06E-06	5.76E+00	0.00E+00	7.03E+01	1.52E-05	7.03E+01	7.61E+01	5.76E+00	0.00E+00	0.00E+00	1.01E+03
VS418PY	1.90E-02	3.26E+00	1.14E-01	3.25E+00	0.00E+00	0.00E+00	1.56E+01	3.43E-05	6.08E-03	3.64E-02	0.00E+00	-1.21E-03	2.87E-09	8.07E-08	2.51E-01	6.88E+00	1.83E-06	0.00E+00	1.67E+01	2.64E-02	5.04E+01	0.00E+00														

VU36NA	1.89E-02	3.98E+00	1.56E-01	3.83E+00	0.00E+00	0.00E+00	3.83E+01	7.84E-05	4.57E-03	4.01E-02	0.00E+00	-8.86E-04	5.36E-09	9.33E-08	2.95E-01	8.77E+00	0.00E+00	0.00E+00	2.89E+01	1.24E-02	5.97E+01	0.00E+00	4.63E-07	1.94E-07	1.12E-02	8.06E-07	5.13E+00	0.00E+00	5.97E+01	1.53E-05	5.97E+01	6.48E+01	5.13E+00	0.00E+00	0.00E+00	0.00E+00	9.70E+02
VU36NC	2.05E-02	4.29E+00	1.64E-01	4.16E+00	0.00E+00	0.00E+00	3.78E+01	7.92E-05	7.50E-03	4.30E-02	0.00E+00	-1.95E-03	5.70E-09	1.15E-07	2.89E-01	8.89E+00	2.80E-09	0.00E+00	3.06E+01	2.63E-02	5.91E+01	0.00E+00	4.67E-07	1.98E-07	1.21E-02	1.15E-06	5.20E+00	0.00E+00	5.91E+01	1.59E-05	5.91E+01	6.48E+01	5.25E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+03
VU36NCT	1.33E-02	2.88E+00	1.15E-01	2.76E+00	0.00E+00	0.00E+00	3.02E+01	6.21E-05	2.64E-03	2.94E-02	0.00E+00	-1.08E-05	3.98E-09	6.57E-08	2.29E-01	6.69E+00	0.00E+00	0.00E+00	2.28E+01	7.05E-04	4.62E+01	0.00E+00	3.56E-07	1.48E-07	8.27E-03	4.04E-07	3.99E+00	0.00E+00	4.62E+01	1.20E-05	4.62E+01	5.01E+01	3.99E+00	0.00E+00	0.00E+00	0.00E+00	7.57E+02
VU36ND	2.22E-02	4.85E+00	1.73E-01	4.69E+00	0.00E+00	0.00E+00	4.03E+01	8.38E-05	6.32E-03	4.66E-02	0.00E+00	-1.25E-03	7.42E-09	1.11E-07	2.89E-01	9.50E+00	5.00E+00	0.00E+00	3.33E+01	1.73E-02	6.18E+01	0.00E+00	4.79E-07	2.13E-07	1.28E-02	9.48E-07	5.86E+00	0.00E+00	6.18E+01	1.65E-05	6.18E+01	6.75E+01	5.86E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+03
VU36NE	1.87E-02	4.13E+00	1.52E-01	3.99E+00	0.00E+00	0.00E+00	3.86E+01	7.94E-05	4.21E-03	4.14E-02	0.00E+00	-1.52E-04	5.44E-09	9.02E-08	2.99E-01	8.86E+00	0.00E+00	0.00E+00	2.92E+01	2.78E-03	6.07E+01	0.00E+00	4.73E-07	1.98E-07	1.15E-02	5.84E-07	5.19E+00	0.00E+00	6.07E+01	1.57E-05	6.07E+01	6.99E+01	5.19E+00	0.00E+00	0.00E+00	0.00E+00	9.81E+02
VU36NG	2.06E-02	4.04E+00	1.65E-01	3.89E+00	0.00E+00	0.00E+00	3.64E+01	7.59E-05	7.75E-03	4.23E-02	0.00E+00	-1.99E-03	5.42E-09	9.57E-08	2.78E-01	8.23E+00	4.02E-05	0.00E+00	2.89E+01	5.28E-02	5.50E+01	0.00E+00	4.54E-07	2.03E-07	1.20E-02	1.21E-06	4.88E+00	0.00E+00	5.50E+01	1.56E-05	5.50E+01	6.09E+01	4.88E+00	0.00E+00	0.00E+00	0.00E+00	9.14E+02
VU36NH	2.14E-02	4.36E+00	1.65E-01	4.09E+00	0.00E+00	0.00E+00	3.95E+01	7.99E-05	7.63E-03	4.46E-02	0.00E+00	-1.23E-03	5.91E-09	1.26E-07	2.89E-01	9.04E+00	7.30E-09	0.00E+00	3.13E+01	2.87E-02	5.92E+01	0.00E+00	4.47E-07	2.03E-07	1.23E-02	1.25E-06	5.39E+00	0.00E+00	5.92E+01	1.59E-05	5.92E+01	6.52E+01	5.39E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+03
VU36NKM	7.11E-03	3.60E-01	1.70E-01	3.50E+00	0.00E+00	0.00E+00	3.75E+00	1.00E-05	2.26E-03	1.78E-02	0.00E+00	2.44E-04	5.18E-09	1.58E-08	8.35E-02	2.19E+00	3.80E+00	0.00E+00	6.30E+00	2.83E-02	1.68E+01	0.00E+00	4.46E-07	6.03E-08	4.74E-03	5.71E-07	1.11E+00	0.00E+00	1.68E+01	3.95E-05	1.63E+01	1.73E+01	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+02
VU36NMB	1.84E-02	4.48E+00	1.34E-01	3.96E+00	0.00E+00	0.00E+00	3.57E+01	7.07E-05	4.64E-03	4.51E-02	0.00E+00	-1.18E-03	5.34E-09	7.29E-08	2.68E-01	7.84E+00	4.19E-09	0.00E+00	2.55E+01	1.36E-02	5.24E+01	0.00E+00	4.45E-07	1.90E-07	1.21E-02	6.48E-07	4.49E+00	0.00E+00	5.24E+01	1.55E-05	5.24E+01	5.89E+01	4.49E+00	0.00E+00	0.00E+00	0.00E+00	8.70E+02
VU36NN	2.07E-02	4.03E+00	1.65E-01	3.99E+00	0.00E+00	0.00E+00	3.81E+01	7.83E-05	7.84E-03	4.12E-02	0.00E+00	-1.20E-03	5.74E-09	1.26E-07	2.90E-01	9.02E+00	2.80E-09	0.00E+00	2.99E+01	2.82E-02	5.90E+01	0.00E+00	4.66E-07	1.98E-07	1.18E-02	1.19E-06	5.17E+00	0.00E+00	5.90E+01	1.60E-05	5.90E+01	6.47E+01	5.17E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+03
VU36NP	2.39E-02	4.70E+00	1.59E-01	4.02E+00	0.00E+00	0.00E+00	3.67E+01	7.92E-05	7.92E-03	4.66E-02	0.00E+00	-1.99E-03	5.44E-09	9.69E-08	2.85E-01	8.74E+00	5.48E-05	0.00E+00	2.85E+01	2.96E-02	5.97E+01	0.00E+00	4.91E-07	2.14E-07	1.31E-02	1.45E-06	4.99E+00	0.00E+00	5.97E+01	1.71E-05	5.97E+01	6.57E+01	4.99E+00	0.00E+00	0.00E+00	0.00E+00	9.55E+02
VU36NR	1.97E-02	3.98E+00	1.57E-01	3.88E+00	0.00E+00	0.00E+00	3.70E+01	7.70E-05	4.89E-03	4.17E-02	0.00E+00	-1.07E-03	5.69E-09	9.35E-08	2.86E-01	8.71E+00	5.48E-09	0.00E+00	2.91E+01	1.46E-02	5.87E+01	0.00E+00	4.65E-07	1.97E-07	1.19E-02	8.44E-07	5.11E+00	0.00E+00	5.87E+01	1.53E-05	5.87E+01	6.43E+01	5.11E+00	0.00E+00	0.00E+00	0.00E+00	9.87E+02
VU36NRM	1.55E-02	3.63E+00	1.10E-01	3.59E+00	0.00E+00	0.00E+00	3.26E+01	6.81E-05	3.57E-03	3.51E-02	0.00E+00	-1.37E-03	5.52E-09	7.95E-08	2.40E-01	7.12E+00	2.34E-06	0.00E+00	2.20E+01	2.13E-02	4.69E+01	0.00E+00	3.74E-07	1.59E-07	9.92E-03	5.95E-07	4.59E+00	0.00E+00	4.69E+01	1.29E-05	4.69E+01	5.35E+01	4.59E+00	0.00E+00	0.00E+00	0.00E+00	8.65E+02
VU36NSG	2.21E-02	4.41E+00	1.51E-01	4.19E+00	0.00E+00	0.00E+00	3.71E+01	8.06E-05	6.42E-03	4.36E-02	0.00E+00	-1.75E-04	5.25E-09	8.02E-08	2.82E-01	8.41E+00	1.28E-05	0.00E+00	3.07E+01	1.16E-02	5.96E+01	0.00E+00	4.95E-07	2.11E-07	1.27E-02	9.85E-07	4.93E+00	0.00E+00	5.96E+01	1.71E-05	5.92E+01	6.52E+01	4.93E+00	0.00E+00	0.00E+00	0.00E+00	9.27E+02
VU36NW	2.07E-02	4.14E+00	1.61E-01	4.31E+00	0.00E+00	0.00E+00	3.96E+01	7.95E-05	4.84E-03	4.41E-02	0.00E+00	-1.28E-03	6.70E-09	9.60E-08	3.03E-01	9.37E-00	8.90E+00	0.00E+00	2.98E+01	2.69E-02	6.22E+01	0.00E+00	4.86E-07	2.10E-07	1.25E-02	1.15E-06	5.34E+00	0.00E+00	6.22E+01	1.66E-05	6.22E+01	6.88E+01	5.34E+00	0.00E+00	0.00E+00	0.00E+00	1.06E+03
VU36UA	2.39E-02	4.89E+00	1.60E-01	4.21E+00	0.00E+00	0.00E+00	3.79E+01	8.16E-05	4.43E-03	4.73E-02	0.00E+00	-9.03E-04	5.77E-09	9.45E-08	3.05E-01	9.31E+00	4.51E-09	0.00E+00	3.10E+01	1.22E-02	6.78E+01	0.00E+00	5.36E-07	2.30E-07	1.38E-02	9.36E-07	5.42E+00	0.00E+00	6.78E+01	1.73E-05	6.78E+01	7.32E+01	5.42E+00	0.00E+00	0.00E+00	0.00E+00	1.06E+03
VU36VWH	1.92E-02	3.67E+00	1.56E-01	4.03E+00	0.00E+00	0.00E+00	3.86E+01	7.80E-05	4.73E-03	3.75E-02	0.00E+00	-2.85E-03	6.68E-09	9.46E-08	2.88E-01	9.13E+00	2.98E-05	0.00E+00	3.04E+01	7.48E-02	5.89E+01	0.00E+00	4.41E-07	1.90E-07	1.07E-02	1.33E-06	5.57E+00	0.00E+00	5.89E+01	1.53E-05	5.89E+01	6.63E+01	5.57E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+03
VU48AT	2.64E-02	4.96E+00	2.05E-01	4.76E+00	0.00E+00	0.00E+00	4.74E+01	9.88E-05	8.02E-03	4.98E-02	0.00E+00	-2.21E-03	6.70E-09	1.39E-07	3.02E-01	1.12E+01	0.00E+00	0.00E+00	3.81E+01	3.01E-02	7.37E+01	0.00E+00	5.72E-07	2.43E-07	1.41E-02	1.35E-06	6.41E+00	0.00E+00	7.37E+01	1.86E-05	7.37E+01	8.01E+01	6.41E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+03
VU48EP	2.38E-02	4.78E+00	1.89E-01	4.59E+00	0.00E+00	0.00E+00	4.49E+01	9.19E-05	6.50E-03	4.81E-02	0.00E+00	-1.48E-03	6.28E-09	1.20E-07	3.49E-01	1.05E+01	0.00E+00	0.00E+00	3.42E+01	2.04E-02	7.08E+01	0.00E+00	5.51E-07	2.32E-07	1.35E-02	1.05E-06	6.09E+00	0.00E+00	7.08E+01	1.81E-05	7.08E+01	7.70E+01	6.09E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+03
VU48ET	2.93E-02	4.99E+00	1.97E-01	4.53E+00	0.00E+00	0.00E+00	3.86E+01	8.59E-05	6.71E-03	4.76E-02	0.00E+00	-2.98E-03	6.41E-09	1.08E-07	3.02E-01	9.84E+00	1.28E-05	0.00E+00	3.21E+01	5.33E-02	6.86E+01	0.00E+00	5.41E-07	2.34E-07	1.37E-02	1.37E-06	5.94E+00	0.00E+00	6.86E+01	1.79E-05	6.86E+01	7.40E+01	5.94E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+03
VU48IE	2.42E-02	4.58E+00	1.93E-01	4.50E+00	0.00E+00	0.00E+00	4.58E+01	9.24E-05	6.45E-03	4.57E-02	0.00E+00	-4.25E-04	6.58E-09	8.95E-08	3.49E-01	1.04E+01	3.47E-05	0.00E+00	3.10E+01	1.39E-02	7.26E+01	0.00E+00	6.08E-07	2.51E-07	1.47E-02	1.19E-06	5.79E+00	0.00E+00	7.26E+01	1.80E-05	7.26E+01	8.04E+01	5.79E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+03
VU48LN	2.69E-02	5.52E+00	1.96E-01	5.32E+00	0.00E+00	0.00E+00	4.65E+01	9.30E-05	7.78E-03	5.32E-02	0.00E+00	-1.85E-03	6.58E-09	1.32E-07	3.45E-01	1.08E+01	0.00E+00	0.00E+00	3.49E+01	2.53E-02	7.08E+01	0.00E+00	5.52E-07	2.37E-07	1.48E-02	1.23E-06	6.21E+00	0.00E+00	7.08E+01	1.72E-05	7.08E+01	7.68E+01	6.21E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+03
VU48MMV	2.34E-02	5.03E+00	1.73E-01	5.27E+00	0.00E+00	0.00E+00	3.93E+01	8.52E-05	5.04E-03	4.96E-02	0.00E+00	-2.36E-03	7.04E-09	9.57E-08	3.15E-01	9.77E+00	2.41E-09	0.00E+00	3.20E+01	3.40E-02	7.00E+01	0.00E+00	5.52E-07	2.42E-07	1.46E-02	1.32E-06	5.99E+00	0.00E+00	7.00E+01	2.17E-05	7.00E+01	7.50E+01	5.99E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+03
VU48NA	2.27E-02	4.75E+00	1.86E-01	4.59E+00	0.00E+00	0.00E+00	4.53E+01	9.27E-05	5.69E-03	4.78E-02	0.00E+00	-1.07E-03	6.33E-09	1.13E-07	3.50E-01	1.04E+01	9.00E+00	0.00E+00	3.43E+01	1.50E-02	7.09E+01	0.00E+00	5.51E-07	2.31E-07	1.34E-02	9.43E-07	6.09E+00	0.00E+00	7.09E+01	1.82E-05	7.09E+01	7.70E+01	6.09E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+03
VU48NC	2.70E-02	5.02E+00	2.09E-01	4.91E+00	0.00E+00	0.00E+00	4.78E+01	9.77E-05	8.35E-03	5.04E-02	0.00E+00	-2.40E-03	6.78E-09	1.42E-07	3.65E-01	1.13E+01	0.00E+00	0.00E+00	3.84E+01	3.25E-02	7.45E+01	0.00E+00	5.78E-07	2.47E-07	1.43E-02	1.41E-06	6.47E+00	0.00E+00	7.45E+01	1.88E-05	7.45E+01	8.09E+01	6.47E+00	0.00E+00	0.00E+00		

VZ017VB	5.61E+02	8.81E+02	3.94E+01	9.26E+02	0.00E+00	0.00E+00	8.41E+07	8.41E+05	8.99E+04	0.00E+00	-1.37E+02	9.85E+11	3.11E+00	1.37E+02	2.91E+01	1.62E+04	0.00E+00	5.70E+01	4.79E+01	2.42E+00	0.00E+00	1.93E+08	6.39E+03	3.13E+04	6.87E+06	1.22E+01	0.00E+00	2.42E+00	-4.90E+08	2.42E+00	2.54E+00	1.22E+01	0.00E+00	0.00E+00	0.00E+00	1.36E+01	
VZ01EK	8.21E+05	8.06E+02	4.33E+02	3.73E+02	0.00E+00	0.00E+00	1.94E+01	3.74E+07	2.59E+05	2.98E+04	0.00E+00	-3.30E+03	8.83E+11	6.11E+10	1.16E+03	3.31E+02	2.45E+08	0.00E+00	1.25E+01	8.99E+02	2.09E+01	0.00E+00	1.61E+09	6.22E+10	8.99E+05	1.70E+06	1.50E+02	0.00E+00	2.09E+01	-5.68E+07	2.09E+01	2.24E+01	1.50E+02	0.00E+00	0.00E+00	0.00E+00	4.41E+00
VZ02NCH	6.34E+03	1.31E+00	3.81E+02	1.24E+00	0.00E+00	0.00E+00	4.51E+00	9.57E+04	2.19E+03	1.24E+02	0.00E+00	-1.17E+03	1.19E+00	1.38E+08	6.22E+02	1.91E+00	4.02E+05	0.00E+00	4.99E+00	1.33E+02	1.38E+01	0.00E+00	1.17E+07	4.88E+08	3.75E+03	2.00E+07	9.53E+01	0.00E+00	1.38E+01	3.90E+06	1.38E+01	1.48E+01	9.53E+01	0.00E+00	0.00E+00	0.00E+00	1.61E+02
VZ02NWH	5.81E+03	1.34E+00	3.14E+02	1.13E+00	0.00E+00	0.00E+00	4.94E+00	1.10E+05	2.00E+03	1.22E+02	0.00E+00	-8.67E+04	1.19E+00	2.30E+08	6.09E+02	1.93E+00	3.30E+09	0.00E+00	5.45E+00	1.23E+02	1.34E+01	0.00E+00	1.12E+07	4.79E+08	3.68E+03	3.74E+07	9.94E+01	0.00E+00	1.34E+01	1.10E+06	1.34E+01	1.45E+01	9.94E+01	0.00E+00	0.00E+00	0.00E+00	1.77E+02
VZ041VB	5.95E+03	1.38E+00	3.22E+02	1.36E+00	0.00E+00	0.00E+00	4.06E+00	8.17E+06	1.60E+03	1.43E+02	0.00E+00	-8.61E+04	8.97E+10	9.26E+09	5.67E+02	1.80E+00	2.85E+08	0.00E+00	4.63E+00	8.54E+03	1.32E+01	0.00E+00	1.09E+07	5.09E+08	4.01E+03	1.85E+07	8.51E+01	0.00E+00	1.32E+01	3.64E+06	1.32E+01	1.40E+01	8.51E+01	0.00E+00	0.00E+00	0.00E+00	1.60E+02
VZ093	5.79E+04	9.09E+02	1.99E+03	9.89E+02	0.00E+00	0.00E+00	2.98E+01	2.33E+06	1.08E+04	1.04E+03	0.00E+00	-1.05E+04	4.43E+11	7.53E+10	5.44E+03	1.75E+01	1.68E+07	0.00E+00	4.94E+01	1.36E+03	1.96E+00	0.00E+00	1.19E+08	5.10E+09	3.47E+04	9.90E+08	8.01E+02	0.00E+00	1.96E+00	8.42E+07	1.68E+00	1.81E+00	8.01E+02	0.00E+00	0.00E+00	0.00E+00	2.01E+01
VZ094	6.61E+04	9.78E+02	3.04E+01	1.10E+01	0.00E+00	0.00E+00	4.17E+01	3.25E+06	1.09E+04	1.06E+03	0.00E+00	-3.17E+02	9.51E+11	1.05E+09	1.48E+02	2.67E+01	6.89E+05	0.00E+00	6.84E+01	4.79E+01	2.98E+00	0.00E+00	2.07E+08	6.97E+09	3.81E+04	6.66E+06	1.29E+01	0.00E+00	2.98E+00	-4.98E+06	2.98E+00	3.09E+00	1.29E+01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
VZ095	9.26E+04	1.47E+01	3.96E+01	1.58E+01	0.00E+00	0.00E+00	5.53E+01	3.84E+06	2.49E+04	1.74E+03	0.00E+00	-3.17E+02	1.01E+10	1.58E+09	1.67E+02	3.37E+01	6.70E+06	0.00E+00	8.24E+01	4.79E+01	3.67E+00	0.00E+00	2.07E+08	1.09E+09	6.07E+04	6.68E+06	1.58E+01	0.00E+00	3.96E+00	-4.98E+06	3.96E+00	3.85E+00	1.58E+01	0.00E+00	0.00E+00	0.00E+00	2.97E+01
VZ096	9.33E+04	1.41E+01	3.06E+01	1.60E+01	0.00E+00	0.00E+00	5.53E+01	3.84E+06	2.51E+04	1.74E+03	0.00E+00	-3.17E+02	1.01E+10	1.58E+09	1.65E+02	3.33E+01	6.70E+06	0.00E+00	8.24E+01	4.79E+01	3.68E+00	0.00E+00	2.08E+08	1.08E+09	6.12E+04	6.68E+06	1.58E+01	0.00E+00	3.68E+00	-4.54E+06	3.68E+00	3.85E+00	1.58E+01	0.00E+00	0.00E+00	0.00E+00	2.97E+01
VZ097	2.84E+03	6.19E+01	3.99E+01	5.21E+01	0.00E+00	0.00E+00	1.12E+00	5.54E+08	6.66E+04	5.64E+03	0.00E+00	-3.17E+02	1.96E+10	3.21E+09	1.92E+02	5.34E+01	6.70E+06	0.00E+00	1.32E+00	4.79E+01	4.53E+00	0.00E+00	3.38E+08	1.68E+09	1.62E+03	6.68E+06	2.57E+01	0.00E+00	4.53E+00	-4.03E+06	4.53E+00	4.75E+00	2.57E+01	0.00E+00	0.00E+00	0.00E+00	5.22E+01
VZ098	2.27E+03	5.26E+01	3.07E+01	1.50E+01	0.00E+00	0.00E+00	8.55E+01	5.34E+08	3.69E+04	5.38E+03	0.00E+00	-3.17E+02	1.41E+10	2.24E+09	1.90E+02	4.61E+01	6.70E+06	0.00E+00	1.10E+00	4.79E+01	4.48E+00	0.00E+00	3.02E+08	1.50E+09	1.20E+03	6.68E+06	2.06E+01	0.00E+00	4.48E+00	-4.09E+06	4.48E+00	4.63E+00	2.06E+01	0.00E+00	0.00E+00	0.00E+00	4.47E+01
VZ099	5.22E+03	8.84E+01	3.15E+01	1.02E+00	0.00E+00	0.00E+00	2.34E+00	6.32E+06	7.66E+04	1.06E+02	0.00E+00	-3.17E+02	4.21E+10	5.88E+09	4.17E+02	1.34E+00	6.76E+06	0.00E+00	3.16E+00	4.79E+01	1.14E+01	0.00E+00	9.43E+08	4.32E+09	3.06E+03	6.79E+06	6.05E+01	0.00E+00	1.14E+01	-2.15E+06	1.14E+01	1.22E+01	6.05E+01	0.00E+00	0.00E+00	0.00E+00	1.11E+02
VZ100	3.80E+03	7.62E+01	1.50E+02	7.77E+01	0.00E+00	0.00E+00	2.45E+00	8.60E+06	7.12E+04	8.14E+03	0.00E+00	-1.40E+04	4.07E+10	1.01E+09	4.07E+02	1.27E+00	5.30E+09	0.00E+00	3.71E+00	1.46E+03	1.05E+01	0.00E+00	8.96E+08	4.00E+09	2.16E+03	6.52E+08	6.47E+01	0.00E+00	1.05E+01	4.86E+06	1.05E+01	1.12E+01	6.47E+01	0.00E+00	0.00E+00	0.00E+00	1.16E+02
VZ101E	5.83E+03	1.38E+00	3.47E+02	1.39E+00	0.00E+00	0.00E+00	8.39E+00	1.59E+05	3.37E+03	1.29E+02	0.00E+00	-1.30E+03	2.19E+00	1.64E+08	7.47E+02	1.92E+00	4.70E+07	0.00E+00	7.12E+00	2.37E+02	2.85E+01	0.00E+00	1.27E+07	9.80E+08	4.10E+03	1.96E+07	1.96E+02	0.00E+00	2.85E+01	3.77E+04	2.85E+01	1.96E+01	1.96E+02	0.00E+00	0.00E+00	0.00E+00	2.83E+02
VZ101N	6.35E+03	1.48E+00	4.05E+02	1.55E+00	0.00E+00	0.00E+00	8.13E+00	1.64E+05	1.75E+03	1.41E+02	0.00E+00	-1.19E+03	2.25E+00	2.55E+08	7.71E+02	2.01E+00	1.26E+09	0.00E+00	7.43E+00	8.01E+03	1.61E+01	0.00E+00	1.31E+07	5.98E+08	4.14E+03	3.28E+07	1.99E+00	0.00E+00	1.61E+01	3.86E+06	1.61E+01	1.74E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	2.91E+02
VZ101WN	6.53E+03	1.53E+00	3.85E+02	1.41E+00	0.00E+00	0.00E+00	2.36E+01	4.83E+01	1.78E+03	1.37E+02	0.00E+00	-4.53E+04	3.35E+09	3.35E+09	8.00E+02	2.10E+00	9.04E+05	0.00E+00	1.51E+01	7.58E+03	1.58E+01	0.00E+00	1.32E+07	5.66E+08	4.12E+03	4.21E+07	2.43E+00	0.00E+00	1.58E+01	4.03E+06	1.58E+01	1.71E+01	2.43E+00	0.00E+00	0.00E+00	0.00E+00	4.88E+02
VZ102N	6.48E+03	1.39E+00	6.83E+02	1.32E+00	0.00E+00	0.00E+00	2.04E+01	4.09E+05	1.23E+03	1.35E+02	0.00E+00	-7.84E+19	3.33E+09	4.37E+09	1.68E+01	3.64E+00	9.00E+00	0.00E+00	1.39E+01	2.78E+04	2.23E+01	0.00E+00	1.65E+07	7.29E+08	3.79E+03	1.97E+07	2.32E+00	0.00E+00	2.23E+01	6.16E+04	2.23E+01	2.47E+01	2.32E+00	0.00E+00	0.00E+00	0.00E+00	4.82E+02
VZ102V	1.06E+02	1.79E+00	7.30E+02	1.74E+00	0.00E+00	0.00E+00	2.54E+01	5.31E+05	3.21E+03	1.72E+02	0.00E+00	-3.55E+04	3.86E+09	4.92E+08	1.11E+01	3.81E+00	3.86E+00	0.00E+00	1.69E+01	8.22E+03	2.98E+01	0.00E+00	1.89E+07	8.03E+08	3.56E+03	3.57E+07	2.77E+00	0.00E+00	2.98E+01	6.05E+06	2.98E+01	2.96E+01	2.77E+00	0.00E+00	0.00E+00	0.00E+00	5.81E+02
VZ102WN	1.02E+02	1.88E+00	6.52E+02	1.79E+00	0.00E+00	0.00E+00	2.42E+01	4.87E+05	2.01E+03	1.85E+02	0.00E+00	-6.69E+04	3.52E+09	3.84E+08	1.08E+01	3.38E+00	9.04E+05	0.00E+00	1.59E+01	1.15E+02	2.34E+01	0.00E+00	1.88E+07	8.13E+08	5.11E+03	5.89E+07	2.69E+00	0.00E+00	2.24E+01	6.39E+06	2.24E+01	2.42E+01	2.69E+00	0.00E+00	0.00E+00	0.00E+00	5.28E+02
VZ103N	1.14E+02	2.11E+00	7.54E+02	1.87E+00	0.00E+00	0.00E+00	2.96E+01	5.27E+05	2.93E+03	2.15E+02	0.00E+00	-3.32E+04	3.91E+09	5.69E+08	1.38E+01	3.81E+00	3.86E+00	0.00E+00	1.71E+01	6.13E+02	2.80E+01	0.00E+00	2.28E+07	9.70E+08	6.01E+03	4.16E+07	2.91E+00	0.00E+00	2.80E+01	6.13E+06	2.80E+01	3.01E+01	2.91E+00	0.00E+00	0.00E+00	0.00E+00	5.82E+02
VZ103V	1.14E+02	2.25E+00	7.83E+02	2.01E+00	0.00E+00	0.00E+00	2.57E+01	5.32E+05	2.91E+03	2.13E+02	0.00E+00	-3.73E+04	3.98E+09	5.63E+08	1.38E+01	3.84E+00	4.90E+00	0.00E+00	1.78E+01	2.36E+02	2.83E+01	0.00E+00	2.28E+07	9.80E+08	6.07E+03	4.16E+07	2.93E+00	0.00E+00	2.80E+01	6.35E+06	2.83E+01	3.06E+01	2.93E+00	0.00E+00	0.00E+00	0.00E+00	6.04E+02
VZ103W	1.20E+02	2.21E+00	8.54E+02	2.11E+00	0.00E+00	0.00E+00	2.56E+01	5.34E+05	2.74E+03	1.87E+02	0.00E+00	-3.74E+04	3.98E+09	5.62E+08	1.06E+01	3.60E+00	4.90E+00	0.00E+00	1.78E+01	4.89E+02	2.86E+01	0.00E+00	1.86E+07	8.30E+08	5.70E+03	8.11E+07	2.89E+00	0.00E+00	2.30E+01	5.93E+06	2.30E+01	2.56E+01	2.89E+00	0.00E+00	0.00E+00	0.00E+00	6.05E+02
VZ103WN	1.09E+02	2.32E+00	7.02E+02	1.91E+00	0.00E+00	0.00E+00	2.54E+01	5.20E+05	2.69E+03	2.19E+02	0.00E+00	-5.67E+04	3.63E+09	4.38E+08	1.34E+01	3.99E+00	8.94E+05	0.00E+00	1.74E+01	1.14E+02	2.87E+01	0.00E+00	2.38E+07	1.01E+09	6.23E+03	5.63E+07	2.91E+00	0.00E+00	2.87E+01	6.58E+06	2.87E+01	3.16E+01	2.91E+00	0.00E+00	0.00E+00	0.00E+00	5.75E+02
VZ103WV	1.13E+02	2.28E+00	6.85E+02	2.12E+00	0.00E+00	0.00E+00	2.42E+01	4.93E+05	2.62E+03	2.17E+02	0.00E+00	-3.02E+03	3.58E+09	4.18E+08	1.30E+01	3.93E+00	9.05E+05	0.00E+00	1.70E+01	2.85E+02	2.86E+01	0.00E+00	2.30E+07	1.00E+09	5.95E+03	9.51E+07	2.78E+00	0.00E+00	2.86E+01	5.69E+06	2.86E+01	3.01E+01	2.78E+00	0.00E+00	0.00E+00	0.00E+00	5.83E+02
VZ104V	1.20E+02	2.48E+00	9.99E+02	2.79E+00	0.00E+00	0.00E+00	2.75E+01	5.80E+05	3.30E+03	2.47E+02	0.00E+00	-1.30E+03	4.26E+09	6.04E+08	1.71E+01	5.49E+00	4.90E+00	0.00E+00	1.99E+01	2.38E+02	3.68E+01	0.00E+00	2.78E+07	1.19E+09	6.92E+03	7.85E+07	3.41E+00	0.00E+00	3.68E+01	8.88E+06	3.68E+01	4.02E+01	3.41E+00	0.00E+00	0.00E+00		

VZ225NA	2.67E-01	8.45E-01	2.14E-02	7.36E-01	0.00E+00	0.00E+00	0.72E+00	5.94E-06	6.89E-04	7.48E-03	0.00E+00	-1.03E-03	1.10E-09	3.98E-08	1.94E-02	7.98E-01	1.57E-05	0.00E+00	5.09E+00	1.33E-02	4.09E+00	0.00E+00	3.97E-08	1.86E-08	1.97E-03	5.49E-07	8.11E-01	0.00E+00	4.09E+00	1.02E-08	4.09E+00	4.36E+00	8.11E-01	0.00E+00	0.00E+00	0.00E+00	1.98E+02
VZ24AP2	1.14E-02	2.15E+00	7.58E-02	1.99E+00	0.00E+00	0.00E+00	2.41E+01	5.08E-05	2.62E-03	1.93E-02	0.00E+00	-1.31E-03	3.84E-09	5.19E-08	1.32E-01	3.80E+00	1.05E-09	0.00E+00	1.72E+01	2.42E-02	2.83E+01	0.00E+00	2.31E-07	9.68E-08	8.88E-03	7.87E-07	2.92E+00	0.00E+00	2.83E+01	8.78E-06	2.83E+01	3.05E+01	2.82E+00	0.00E+00	0.00E+00	0.00E+00	5.91E+02
VZ24AU	1.29E-02	2.36E+00	9.98E-02	2.57E+00	0.00E+00	0.00E+00	2.73E+01	5.71E-05	3.33E-03	2.45E-02	0.00E+00	-1.92E-03	4.44E-09	6.37E-08	1.66E-01	5.39E+00	3.18E-09	0.00E+00	1.99E+01	3.69E-02	3.53E+01	0.00E+00	2.72E-07	1.22E-07	8.69E-03	1.06E-06	3.33E+00	0.00E+00	3.53E+01	9.25E-06	3.53E+01	3.98E+01	3.33E+00	0.00E+00	0.00E+00	0.00E+00	6.93E+02
VZ24CHU	1.14E-02	2.19E+00	1.14E-01	2.07E+00	0.00E+00	0.00E+00	3.11E+01	6.27E-05	2.92E-03	2.13E-02	0.00E+00	-8.22E-04	5.43E-09	7.66E-08	1.67E-01	5.79E+00	1.83E-04	0.00E+00	2.11E+01	1.29E+00	3.47E+01	0.00E+00	2.27E-07	1.15E-07	8.03E-03	6.92E-07	3.80E+00	0.00E+00	3.47E+01	8.02E-06	3.47E+01	3.83E+01	3.80E+00	0.00E+00	0.00E+00	0.00E+00	7.47E+02
VZ24NAV	4.73E-03	1.10E+00	3.94E-02	1.26E+00	0.00E+00	0.00E+00	2.55E+00	5.07E-05	7.74E-04	1.18E-02	0.00E+00	-1.74E-03	4.82E-10	1.13E-08	3.49E-02	1.38E+00	8.42E-05	0.00E+00	2.73E+00	2.26E-02	8.69E+00	0.00E+00	7.65E-08	3.88E-08	3.17E-03	4.33E-07	5.69E-01	0.00E+00	8.69E+00	2.48E-06	8.69E+00	9.65E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	9.71E+01
VZ24NRK	1.12E-02	2.28E+00	8.17E-02	2.26E+00	0.00E+00	0.00E+00	2.77E+01	6.21E-05	3.20E-03	2.28E-02	0.00E+00	-1.69E-03	4.96E-09	6.42E-08	1.43E-01	4.21E+00	1.84E-09	0.00E+00	2.03E+01	3.57E-02	2.90E+01	0.00E+00	2.36E-07	1.01E-07	6.21E-03	1.02E-06	3.32E+00	0.00E+00	2.90E+01	8.59E-06	2.90E+01	3.14E+01	3.25E+00	0.00E+00	0.00E+00	0.00E+00	7.09E+02
VZ24NUH	1.22E-02	2.32E+00	8.42E-02	2.25E+00	0.00E+00	0.00E+00	2.88E+01	5.87E-05	3.43E-03	2.33E-02	0.00E+00	-1.21E-03	5.02E-09	7.83E-08	1.65E-01	4.51E+00	1.49E-04	0.00E+00	2.19E+01	4.25E-02	3.37E+01	0.00E+00	2.99E-07	1.15E-07	6.44E-03	1.15E-06	3.92E+00	0.00E+00	3.37E+01	9.27E-06	3.37E+01	3.69E+01	3.92E+00	0.00E+00	0.00E+00	0.00E+00	7.52E+02
VZ309	3.82E-04	1.44E-03	2.35E-02	0.00E+00	0.00E+00	0.00E+00	1.10E-01	3.90E-07	8.62E-05	2.87E-04	0.00E+00	-1.54E-04	8.20E-10	7.60E-10	1.34E-03	6.09E-02	1.88E-07	0.00E+00	1.50E-01	5.78E-03	4.17E-01	0.00E+00	3.64E-09	1.79E-09	9.38E-05	2.81E-07	2.48E-02	0.00E+00	4.17E+00	6.20E-06	4.17E+00	4.36E-01	2.48E-02	0.00E+00	0.00E+00	0.00E+00	5.12E+00
VZ311	4.15E-04	3.62E-02	1.48E-03	2.33E-02	0.00E+00	0.00E+00	1.40E-01	3.89E-07	2.18E-04	2.77E-04	0.00E+00	-1.44E-03	2.48E-11	2.81E-10	1.37E-03	6.99E-02	1.66E-07	0.00E+00	1.62E-01	3.30E-03	3.64E-01	0.00E+00	3.64E-09	1.62E-09	9.98E-05	1.67E-07	2.88E-02	0.00E+00	4.15E+00	1.01E-06	4.15E+00	4.39E-01	2.48E-02	0.00E+00	0.00E+00	0.00E+00	5.78E+00
VZ313	6.62E-04	1.94E-02	1.34E-03	1.81E-02	0.00E+00	0.00E+00	2.20E-01	3.69E-07	3.84E-04	2.22E-04	0.00E+00	-6.77E-04	4.24E-11	4.49E-10	1.26E-03	9.57E-02	0.00E+00	0.00E+00	2.96E-01	3.29E-06	2.98E-01	0.00E+00	2.62E-09	1.50E-09	6.65E-05	2.34E-09	3.71E-02	0.00E+00	2.98E-01	2.00E-06	2.98E-01	3.39E-01	3.71E-02	0.00E+00	0.00E+00	0.00E+00	7.71E+00
VZ331N	6.00E-03	1.51E+00	3.46E-02	1.39E+00	0.00E+00	0.00E+00	2.36E+01	4.80E-05	1.78E-03	1.36E-02	0.00E+00	-4.53E-04	3.34E-09	3.32E-08	7.62E-02	1.90E+00	9.04E-05	0.00E+00	1.50E+01	7.58E-03	1.44E+01	0.00E+00	1.25E-07	5.31E-08	3.98E-03	4.16E-07	2.38E+00	0.00E+00	1.44E+01	3.63E-06	1.44E+01	1.60E+01	2.38E+00	0.00E+00	0.00E+00	0.00E+00	4.83E+02
VZ332N	1.02E-02	1.88E+00	6.52E-02	1.79E+00	0.00E+00	0.00E+00	2.42E+01	4.97E-05	2.01E-03	1.85E-02	0.00E+00	-6.69E-04	3.52E-09	3.84E-08	1.08E-01	3.38E+00	9.04E-05	0.00E+00	1.59E+01	1.15E-02	2.34E+01	0.00E+00	1.88E-07	8.13E-08	5.11E-03	5.86E-07	2.89E+00	0.00E+00	2.34E+01	6.39E-06	2.34E+01	2.42E+01	2.89E+00	0.00E+00	0.00E+00	0.00E+00	5.28E+02
VZ333N	1.14E-02	2.27E+00	6.75E-02	2.02E+00	0.00E+00	0.00E+00	2.42E+01	4.95E-05	2.61E-03	2.17E-02	0.00E+00	-6.84E-04	3.59E-09	4.22E-08	1.29E-01	3.96E+00	9.04E-05	0.00E+00	1.80E+01	1.09E-02	2.85E+01	0.00E+00	2.30E-07	9.93E-08	5.95E-03	5.58E-07	2.75E+00	0.00E+00	2.85E+01	6.50E-06	2.85E+01	3.01E+01	2.75E+00	0.00E+00	0.00E+00	0.00E+00	5.58E+02
VZ334N	1.09E-02	2.78E+00	7.02E-02	2.63E+00	0.00E+00	0.00E+00	2.99E+01	5.36E-05	2.71E-03	2.36E-02	0.00E+00	-6.58E-04	3.81E-09	4.11E-08	1.51E-01	4.28E+00	9.04E-05	0.00E+00	1.93E+01	1.07E-02	3.19E+01	0.00E+00	2.55E-07	1.04E-07	6.85E-03	6.53E-07	3.12E+00	0.00E+00	3.19E+01	9.32E-06	3.19E+01	3.12E+01	3.12E+00	0.00E+00	0.00E+00	0.00E+00	6.33E+02
VZ335N	1.24E-02	3.23E+00	1.30E-01	3.30E+00	0.00E+00	0.00E+00	2.97E+01	6.09E-05	3.30E-03	2.55E-02	0.00E+00	-6.98E-04	5.74E-09	6.39E-07	1.97E-01	6.41E+00	9.11E-05	0.00E+00	2.28E+01	1.11E-02	3.68E+01	0.00E+00	2.82E-07	1.21E-07	7.39E-03	5.81E-07	3.87E+00	0.00E+00	3.68E+01	8.89E-06	3.68E+01	4.15E+01	3.87E+00	0.00E+00	0.00E+00	0.00E+00	7.83E+02
VZ36AP2	1.22E-02	2.38E+00	9.31E-02	2.60E+00	0.00E+00	0.00E+00	2.56E+01	5.52E-05	2.92E-03	2.48E-02	0.00E+00	-3.49E-04	4.13E-09	5.78E-08	1.64E-01	5.20E+00	6.30E-09	0.00E+00	1.95E+01	5.59E-03	3.51E+01	0.00E+00	2.67E-07	1.15E-07	7.16E-03	4.04E-07	3.33E+00	0.00E+00	3.51E+01	9.54E-06	3.51E+01	3.83E+01	3.33E+00	0.00E+00	0.00E+00	0.00E+00	6.61E+02
VZ36AU	1.41E-02	2.81E+00	1.19E-01	3.55E+00	0.00E+00	0.00E+00	3.13E+01	6.26E-05	4.50E-03	2.71E-02	0.00E+00	-1.28E-03	5.13E-09	7.24E-08	1.80E-01	5.92E+00	2.91E-05	0.00E+00	2.10E+01	1.77E-02	3.68E+01	0.00E+00	2.83E-07	1.26E-07	7.71E-03	9.39E-07	3.65E+00	0.00E+00	3.68E+01	9.55E-06	3.68E+01	4.06E+01	3.65E+00	0.00E+00	0.00E+00	0.00E+00	7.26E+02
VZ36CAV	5.13E-03	1.02E+00	3.70E-02	1.97E-01	0.00E+00	0.00E+00	3.80E+00	1.37E-05	1.85E-03	9.77E-03	0.00E+00	-8.22E-04	1.42E-09	2.47E-08	5.97E-02	1.84E+00	1.83E-04	0.00E+00	5.44E+00	1.26E-02	1.21E+01	0.00E+00	9.62E-08	4.16E-08	6.89E-03	4.96E-07	9.92E-01	0.00E+00	1.21E+01	3.00E-06	1.21E+01	1.31E+01	9.92E-01	0.00E+00	0.00E+00	0.00E+00	1.82E+02
VZ36CHU	1.30E-02	2.70E+00	1.20E-01	2.58E+00	0.00E+00	0.00E+00	1.15E+01	6.32E-05	3.34E-03	2.61E-02	0.00E+00	-8.22E-04	5.52E-09	7.76E-08	1.90E-01	6.25E+00	1.83E-04	0.00E+00	2.20E+01	1.29E-02	3.91E+01	0.00E+00	2.96E-07	1.30E-07	7.28E-03	7.36E-07	3.89E+00	0.00E+00	3.91E+01	9.26E-06	3.91E+01	4.29E+01	3.89E+00	0.00E+00	0.00E+00	0.00E+00	7.65E+02
VZ36MME	3.12E-03	9.36E-01	2.07E-02	6.84E-01	0.00E+00	0.00E+00	1.65E+00	2.97E-04	7.89E-04	8.16E-03	0.00E+00	-1.16E-03	3.41E-10	5.20E-09	2.88E-02	9.38E-01	5.30E-03	0.00E+00	1.92E+00	1.62E-02	6.71E+00	0.00E+00	6.07E-08	2.61E-08	2.16E-03	3.04E-07	3.97E-01	0.00E+00	6.71E+00	1.93E-06	6.71E+00	6.98E+00	3.97E-01	0.00E+00	0.00E+00	0.00E+00	5.32E+01
VZ36MMK	3.12E-03	9.36E-01	2.07E-02	6.84E-01	0.00E+00	0.00E+00	1.65E+00	2.97E-04	7.89E-04	8.16E-03	0.00E+00	-1.16E-03	3.41E-10	5.20E-09	2.88E-02	9.38E-01	5.30E-03	0.00E+00	1.92E+00	1.62E-02	6.71E+00	0.00E+00	6.07E-08	2.61E-08	2.16E-03	3.04E-07	3.97E-01	0.00E+00	6.71E+00	1.93E-06	6.71E+00	6.98E+00	3.97E-01	0.00E+00	0.00E+00	0.00E+00	5.32E+01
VZ36NAV	7.69E-03	1.56E+00	4.46E-02	1.49E+00	0.00E+00	0.00E+00	8.86E+00	1.19E-03	3.31E-03	1.46E-02	0.00E+00	-1.36E-03	1.41E-09	2.93E-08	7.67E-02	2.30E+00	5.29E-05	0.00E+00	5.87E+00	1.77E-02	1.57E+01	0.00E+00	1.31E-07	5.76E-08	4.02E-03	4.87E-07	1.17E+00	0.00E+00	1.57E+01	3.37E-06	1.57E+01	1.71E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.96E+02
VZ36NRK	1.34E-02	2.57E+00	1.17E-01	3.23E+00	0.00E+00	0.00E+00	3.02E+01	6.64E-05	3.41E-03	2.58E-02	0.00E+00	-1.62E-03	6.12E-09	7.56E-08	2.07E-01	6.73E+00	1.05E-04	0.00E+00	2.42E+01	3.48E-02	4.26E+01	0.00E+00	3.22E-07	1.43E-07	7.50E-03	1.08E-06	4.21E+00	0.00E+00	4.26E+01	9.80E-06	4.26E+01	4.68E+01	4.21E+00	0.00E+00	0.00E+00	0.00E+00	8.43E+02
VZ36NUH	1.44E-02	2.47E+00	1.19E-01	2.93E+00	0.00E+00	0.00E+00	3.05E+01	6.48E-05	5.92E-03	2.53E-02	0.00E+00	-3.29E-03	5.24E-09	8.92E-08	1.90E-01	6.18E+00	1.84E-04	0.00E+00	2.33E+01	4.37E-02	3.88E+01	0.00E+00	2.91E-07	1.29E-07	7.16E-03	1.25E-06	3.98E+00	0.00E+00	3.88E+01	9.45E-06	3.88E+01	4.22E+01	3.98E+00	0.00E+00	0.00E+00	0.00E+00	8.98E+02
VZ406	3.17E-04	7.96E-02	1.65E-03	7.74E-02	0.00E+00	0.00E+00	2.04E-01	4.70E-07	7.04E-05	6.92E-04	0.00E+00	-1.27E-03	3.15E-11	1.13E-10	3.92E-03	1.16E-01	5.04E-07	0.00E+00	2.43E-01	1.88E-03	9.42E-01	0.00E+00	8.12E-09	3.16E-09	2.19E-04	8.56E-08	5.48E-02	0.00E+00	9.42E-01	3.87E-08	9.42E-01	9.93E-01	5.48E-02	0.00E+00			

VZ624N	1.20E-03	2.72E-01	3.07E-01	1.27E-01	0.00E+00	0.00E+00	8.34E-01	3.90E-08	2.66E-04	2.90E-03	0.00E+00	-1.17E-02	1.06E-10	1.78E-09	1.69E-02	3.74E-01	7.05E-08	0.00E+00	8.74E-01	4.80E-01	3.93E-08	0.00E+00	2.84E-08	1.19E-08	7.99E-04	6.88E-06	1.71E-01	0.00E+00	3.93E-08	-4.30E-08	3.93E-04	4.13E-04	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.71E-01	
VZ625N	2.23E-03	5.30E-01	3.07E-01	1.51E-01	0.00E+00	0.00E+00	8.48E-01	5.30E-08	3.69E-04	5.33E-03	0.00E+00	-1.17E-02	1.42E-10	2.21E-09	1.90E-02	4.67E-01	6.76E-08	0.00E+00	1.10E+00	4.80E-01	4.49E-08	0.00E+00	3.14E-08	1.59E-08	1.22E-03	6.88E-06	2.08E-01	0.00E+00	4.49E-08	-4.07E-08	4.49E-04	4.60E-04	2.08E-01	0.00E+00	0.00E+00	0.00E+00	4.54E-01	
VZ626N	3.86E-03	7.68E-01	3.14E-01	1.75E-01	0.00E+00	0.00E+00	2.10E+00	8.16E-08	7.23E-04	7.98E-03	0.00E+00	-1.16E-02	3.53E-10	5.11E-09	3.79E-02	1.25E+00	6.76E-08	0.00E+00	3.08E+00	4.79E-01	1.03E+00	0.00E+00	8.87E-08	4.12E-08	2.15E-03	6.60E-06	5.88E-01	0.00E+00	1.03E+00	-2.30E-08	1.03E+00	1.09E+00	5.88E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+00	
VZ627N	1.23E-03	2.77E-01	3.07E-01	3.00E-01	0.00E+00	0.00E+00	6.38E-01	4.19E-08	2.67E-04	3.04E-03	0.00E+00	-1.17E-02	1.20E-10	1.80E-09	1.79E-02	3.77E-01	8.76E-08	0.00E+00	8.87E-01	4.80E-01	3.93E-08	0.00E+00	2.85E-08	1.19E-08	8.03E-04	6.89E-06	1.73E-01	0.00E+00	3.93E-08	-3.30E-08	3.93E-04	4.13E-04	1.73E-01	0.00E+00	0.00E+00	0.00E+00	3.29E-01	
VZ628N	2.69E-03	6.14E-01	3.07E-01	1.33E-01	0.00E+00	0.00E+00	1.02E+00	5.61E-08	6.40E-04	5.53E-03	0.00E+00	-1.17E-02	1.89E-10	2.87E-09	1.90E-02	4.89E-01	6.76E-08	0.00E+00	1.16E+00	4.80E-01	4.51E+00	0.00E+00	3.09E-08	1.54E-08	1.60E-03	6.68E-06	2.19E-01	0.00E+00	4.51E+00	-4.06E-08	4.51E+00	4.71E+00	2.19E-01	0.00E+00	0.00E+00	0.00E+00	4.87E-01	
VZ629N	4.74E-03	8.53E-01	3.14E-01	1.00E+00	0.00E+00	0.00E+00	2.27E+00	8.46E-08	7.81E-04	1.02E-02	0.00E+00	-1.16E-02	3.95E-10	5.91E-09	4.31E-02	1.32E+00	6.76E-08	0.00E+00	3.19E+00	4.79E-01	1.14E+00	0.00E+00	9.36E-08	4.20E-08	2.58E-03	6.71E-06	5.92E-01	0.00E+00	1.14E+00	-1.81E-08	1.14E+00	1.24E+00	5.92E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+00	
VZ630N	5.96E-03	1.01E+00	3.07E-01	1.10E+00	0.00E+00	0.00E+00	2.56E+00	9.48E-08	8.95E-04	1.17E-02	0.00E+00	-1.16E-02	4.21E-10	6.19E-09	4.24E-02	1.40E+00	6.76E-08	0.00E+00	3.49E+00	4.79E-01	1.27E+00	0.00E+00	1.01E-07	5.04E-08	3.20E-03	6.71E-06	6.51E-01	0.00E+00	1.27E+00	-1.37E-08	1.27E+00	1.35E+00	6.51E-01	0.00E+00	0.00E+00	0.00E+00	1.27E+00	
VZ631N	1.93E-03	3.65E-01	3.07E-01	4.57E-01	0.00E+00	0.00E+00	5.79E-01	4.85E-08	2.95E-04	3.27E-03	0.00E+00	-1.17E-02	1.38E-10	1.84E-09	1.73E-02	4.49E-01	6.76E-08	0.00E+00	1.00E+00	4.80E-01	4.21E+00	0.00E+00	3.10E-08	1.59E-08	1.09E-03	6.68E-06	1.99E-01	0.00E+00	4.21E+00	-4.22E-08	4.21E+00	4.36E+00	1.99E-01	0.00E+00	0.00E+00	0.00E+00	4.36E-01	
VZ643N	1.54E-03	3.85E-01	3.08E-01	3.28E-01	0.00E+00	0.00E+00	7.95E-01	1.63E-08	4.42E-04	3.90E-03	0.00E+00	-1.16E-02	1.43E-10	3.11E-09	1.69E-02	4.69E-01	6.76E-08	0.00E+00	1.04E+00	4.78E-01	3.52E+00	0.00E+00	3.10E-08	1.36E-08	1.01E-03	6.71E-06	2.21E-01	0.00E+00	3.52E+00	-5.71E-08	3.52E+00	3.88E+00	2.21E-01	0.00E+00	0.00E+00	0.00E+00	3.00E-01	
VZ644N	2.05E-03	7.06E-01	3.09E-01	7.00E-01	0.00E+00	0.00E+00	8.99E-01	1.64E-08	4.91E-04	5.82E-03	0.00E+00	-1.16E-02	1.83E-10	3.01E-09	1.97E-02	5.59E-01	6.76E-08	0.00E+00	1.11E+00	4.78E-01	3.97E+00	0.00E+00	3.49E-08	1.69E-08	1.34E-03	6.70E-06	2.46E-01	0.00E+00	3.97E+00	-6.65E-08	3.97E+00	4.28E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	3.30E-01	
VZ647N	2.01E-03	5.92E-01	3.10E-01	1.30E-01	0.00E+00	0.00E+00	9.23E-01	1.76E-08	4.82E-04	5.33E-03	0.00E+00	-1.16E-02	1.84E-10	3.05E-09	2.22E-02	5.79E-01	6.76E-08	0.00E+00	1.17E+00	4.78E-01	4.34E+00	0.00E+00	3.78E-08	1.71E-08	1.31E-03	6.71E-06	2.57E-01	0.00E+00	4.34E+00	-5.43E-08	4.34E+00	4.64E+00	2.57E-01	0.00E+00	0.00E+00	0.00E+00	3.34E-01	
VZ648N	2.61E-03	8.70E-01	3.13E-01	7.73E-01	0.00E+00	0.00E+00	1.22E+00	1.89E-08	8.00E-04	7.16E-03	0.00E+00	-1.16E-02	2.41E-10	3.81E-09	2.66E-02	7.39E-01	6.76E-08	0.00E+00	1.53E+00	4.78E-01	5.42E+00	0.00E+00	4.93E-08	2.11E-08	1.87E-03	6.71E-06	3.41E-01	0.00E+00	5.42E+00	-5.28E-08	5.42E+00	5.67E+00	3.41E-01	0.00E+00	0.00E+00	0.00E+00	4.13E-01	
VZ650N	4.10E-03	1.38E+00	3.18E-01	1.61E+00	0.00E+00	0.00E+00	2.12E+00	3.77E-08	1.05E-03	1.49E-02	0.00E+00	-1.16E-02	4.80E-10	5.97E-09	3.98E-02	1.15E+00	6.76E-08	0.00E+00	2.28E+00	4.78E-01	9.18E+00	0.00E+00	7.84E-08	3.54E-08	3.22E-03	6.74E-06	5.03E-01	0.00E+00	9.18E+00	-4.95E-08	9.18E+00	9.45E+00	5.03E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-01	
VZ651N	2.40E-03	8.06E-01	3.07E-01	7.21E-01	0.00E+00	0.00E+00	1.05E+00	1.30E-08	6.92E-04	6.27E-03	0.00E+00	-1.16E-02	2.23E-10	3.30E-09	2.32E-02	6.39E-01	6.76E-08	0.00E+00	1.24E+00	4.78E-01	4.44E+00	0.00E+00	3.85E-08	1.83E-08	1.77E-03	6.71E-06	2.74E-01	0.00E+00	4.44E+00	-5.30E-08	4.44E+00	4.94E+00	2.74E-01	0.00E+00	0.00E+00	0.00E+00	3.57E-01	
VZ665N	3.21E-03	1.00E+00	1.84E-02	1.91E-01	0.00E+00	0.00E+00	1.71E+00	2.68E-08	8.69E-04	9.68E-03	0.00E+00	-1.81E-05	3.56E-10	4.46E-09	2.81E-02	9.75E-01	5.87E-07	0.00E+00	1.88E+00	1.91E-03	6.37E+00	0.00E+00	5.80E-08	2.74E-08	3.26E-03	7.58E-08	4.19E-01	0.00E+00	6.37E+00	-1.88E-08	6.37E+00	6.87E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	5.97E-01	
VZ683N	5.25E-04	1.53E-01	3.04E-01	1.43E-01	0.00E+00	0.00E+00	2.31E-01	4.10E-07	1.30E-04	1.42E-03	0.00E+00	-1.16E-02	4.71E-11	5.62E-10	5.79E-03	1.38E-01	6.80E-06	0.00E+00	2.82E-01	4.78E-01	1.19E+00	0.00E+00	1.04E-08	3.88E-09	3.98E-04	6.65E-06	6.63E-02	0.00E+00	1.19E+00	-4.14E-08	1.19E+00	1.21E+00	6.63E-02	0.00E+00	0.00E+00	0.00E+00	7.77E+00	
VZ685N	5.52E-03	4.48E-01	3.10E-01	4.50E-01	0.00E+00	0.00E+00	1.20E+00	3.91E-08	4.16E-04	4.34E-03	0.00E+00	-1.21E-02	1.35E-10	3.39E-09	2.03E-02	6.90E-01	7.34E-08	0.00E+00	1.65E+00	4.84E-01	5.58E+00	0.00E+00	4.23E-08	2.15E-08	1.16E-03	6.70E-06	3.12E-01	0.00E+00	5.58E+00	-4.86E-08	5.58E+00	5.99E+00	3.12E-01	0.00E+00	0.00E+00	0.00E+00	6.02E-01	
VZ690N	4.62E-03	1.05E+00	3.17E-01	1.15E+00	0.00E+00	0.00E+00	2.28E+00	6.71E-08	8.32E-04	1.18E-02	0.00E+00	-1.17E-02	4.21E-10	6.95E-09	3.87E-02	1.19E+00	6.76E-08	0.00E+00	2.70E+00	4.80E-01	1.08E+00	0.00E+00	8.02E-08	3.96E-08	8.00E-03	6.73E-06	5.23E-01	0.00E+00	1.08E+00	-3.95E-08	1.08E+00	1.06E+00	5.23E-01	0.00E+00	0.00E+00	0.00E+00	8.78E-01	
VZ691N	6.21E-04	2.52E-01	3.05E-01	1.91E-01	0.00E+00	0.00E+00	4.28E-01	6.65E-07	1.28E-04	1.43E-03	0.00E+00	-1.16E-02	1.19E-10	1.25E-09	1.47E-02	2.60E-01	6.76E-08	0.00E+00	5.78E-01	4.78E-01	2.75E+00	0.00E+00	2.04E-08	6.50E-09	4.22E-04	6.87E-06	1.26E-01	0.00E+00	2.75E+00	-5.95E-08	2.75E+00	2.75E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	1.32E-01	
VZ696N	3.13E-04	5.37E-02	1.15E-03	5.98E-02	0.00E+00	0.00E+00	2.29E-01	6.19E-07	4.81E-05	5.25E-04	0.00E+00	-1.62E-03	3.72E-11	5.11E-10	2.35E-03	8.47E-02	0.00E+00	0.00E+00	2.24E-01	7.15E-06	6.41E-01	0.00E+00	5.08E-08	2.44E-09	1.59E-04	5.09E-07	4.13E-02	0.00E+00	6.41E-01	2.81E-07	6.41E-01	6.52E-01	4.13E-02	0.00E+00	0.00E+00	0.00E+00	7.96E+00	
VZ704N	3.71E-04	4.13E-02	3.07E-01	6.42E-02	0.00E+00	0.00E+00	1.57E-04	3.96E-07	6.82E-05	5.27E-04	0.00E+00	-1.16E-02	2.48E-11	7.69E-10	1.93E-03	9.04E-02	1.70E-04	0.00E+00	6.46E-09	2.93E-01	1.70E-04	6.64E-06	4.34E-03	6.64E-06	4.34E-03	6.64E-06	4.34E-03	0.00E+00	6.64E-06	-4.34E-03	6.64E-06	4.34E-03	6.64E-06	4.34E-03	0.00E+00	0.00E+00	0.00E+00	6.93E-03
VZ710	4.39E-04	4.13E-02	1.96E-03	7.59E-02	0.00E+00	0.00E+00	1.99E-01	5.00E-07	6.45E-05	5.57E-04	0.00E+00	-1.86E-03	3.73E-11	1.81E-09	4.00E-03	9.95E-02	3.87E-07	0.00E+00	2.53E-01	1.74E-02	9.15E-01	0.00E+00	7.95E-09	2.70E-09	1.79E-04	3.44E-07	5.16E-02	0.00E+00	9.15E-01	2.25E-09	9.15E-01	9.94E-01	5.16E-02	0.00E+00	0.00E+00	0.00E+00	7.96E+00	
VZ717	4.51E-04	8.93E-02	6.57E-03	1.26E-01	0.00E+00	0.00E+00	2.55E-01	8.12E-07	7.25E-05	6.28E-04	0.00E+00	-1.57E-03	3.82E-11	3.73E-09	3.46E-03	9.90E-02	1.64E-05	0.00E+00	2.54E-01	1.32E-02	7.95E-01	0.00E+00	7.30E-09	2.92E-09	2.03E-04	4.92E-07	4.80E-02	0.00E+00	7.95E-01	1.57E-07	7.95E-01	8.94E-01	4.80E-02	0.00E+00	0.00E+00	0.00E+00	8.16E+00	
VZ722	4.23E-04	1.43E-01	1.29E-03	1.06E-01	0.00E+00	0.00E+00	1.61E-01	4.82E-07	8.22E-05	1.02E-03	0.00E+00	-8.80E-05	2.09E-11	4.12E-10	2.04E-03	8.91E-02	3.88E-07	0.00E+00	2.44E-01	9.50E-04	7.38E-01	0.00E+00	6.01E-09	2.89E-09	3.89E-04	4.12E-09	3.89E-02	0.00E+00	7.38E-01	2.22E-07	7.38E-01	8.12E-01	3.89E-02	0.00E+00	0.00E+00	0.00E+00	7.24E+00	
VZ723	4.21E-04	1.42E-01	1.94E-03	1.10E-01	0.00E+00	0.00E+00	1.64E-01	6.39E-07	8.78E-05	1.04E-03	0.00E+00	-1.50E-03	2.36E-11	2.71E-09	2.28E-03	7.99E-02	3.88E-07	0.00E+00	2.25E-01	9.16E-03	6.69E-01	0.00E+00	6.08E-09	2.59E-09	3.92E-04	1.48E-07	4.03E-02	0.00E+00	6.69E-01	3.87E-08	6.69E-01	7.17E-01	4.03E-0					

Module D	FL322BA	2.06E-02	1.73E+01	8.91E+00	8.41E+00	0.00E+00	0.00E+00	5.16E+01	1.01E+04	6.01E+03	6.89E-02	0.00E+00	1.10E+00	8.52E-09	1.51E-07	2.99E-01	8.93E+00	0.00E+00	0.00E+00	3.39E+01	1.43E+01	5.99E+01	0.00E+00	4.26E-07	1.70E-07	1.65E-02	3.48E-04	4.42E+00	0.00E+00	5.99E+01	-1.13E-04	5.99E+01	6.04E+01	4.42E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+03	
	FL342BA	2.77E-02	2.05E+01	1.08E+01	9.68E+00	0.00E+00	0.00E+00	5.44E+01	1.06E+04	6.81E+03	7.83E-02	0.00E+00	1.32E+00	8.97E-09	1.65E-07	3.19E-01	9.38E+00	0.00E+00	0.00E+00	3.53E+01	1.74E+01	5.90E+01	0.00E+00	4.52E-07	1.77E-07	1.85E-02	4.22E-04	4.44E+00	0.00E+00	5.90E+01	-1.40E-04	5.90E+01	6.34E+01	4.44E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+03	
	FL354BA	3.51E-02	2.97E+01	1.61E+01	1.36E+01	0.00E+00	0.00E+00	6.70E+01	1.29E+04	9.32E+03	1.08E-01	0.00E+00	1.98E+00	1.11E-08	2.17E-07	4.01E-01	1.15E+01	0.00E+00	0.00E+00	4.31E+01	2.61E+01	7.24E+01	0.00E+00	5.59E-07	2.14E-07	2.51E-02	6.32E-04	4.98E+00	0.00E+00	7.24E+01	-2.13E-04	7.24E+01	7.74E+01	4.98E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+03	
	FL356BA	2.83E-02	2.78E+01	1.40E+01	1.29E+01	0.00E+00	0.00E+00	6.68E+01	1.29E+04	8.91E+03	1.03E-01	0.00E+00	1.83E+00	1.10E-08	2.11E-07	3.97E-01	1.15E+01	0.00E+00	0.00E+00	4.31E+01	2.61E+01	7.23E+01	0.00E+00	5.56E-07	2.15E-07	2.41E-02	5.85E-04	5.16E+00	0.00E+00	7.23E+01	-1.95E-04	7.23E+01	7.74E+01	5.16E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+03	
	FL358BA	2.98E-02	3.21E+01	1.76E+01	1.44E+01	0.00E+00	0.00E+00	6.72E+01	1.29E+04	9.83E+03	1.14E-01	0.00E+00	2.16E+00	1.11E-08	2.24E-07	4.07E-01	1.15E+01	0.00E+00	0.00E+00	4.32E+01	2.65E+01	7.26E+01	0.00E+00	5.63E-07	2.13E-07	2.63E-02	6.91E-04	4.77E+00	0.00E+00	7.26E+01	-2.34E-04	7.26E+01	7.74E+01	4.77E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+03	
	FL380B	6.90E-03	3.86E+00	1.81E+00	2.05E+00	0.00E+00	0.00E+00	7.83E+00	1.93E+05	2.16E+03	1.76E-02	0.00E+00	0.221E+01	3.43E-09	3.30E-08	8.99E-02	2.73E+00	4.67E-04	0.00E+00	8.94E+00	2.91E+00	1.53E+01	0.00E+00	1.13E-07	5.62E-08	4.53E-03	7.10E-05	1.11E+00	0.00E+00	1.53E+01	-1.97E-05	1.53E+01	1.65E+01	1.11E+00	0.00E+00	0.00E+00	0.00E+00	3.45E+02	
	FL381B	6.60E-03	5.46E+00	2.54E+00	2.86E+00	0.00E+00	0.00E+00	1.03E+01	2.30E+05	3.12E+03	2.55E-02	0.00E+00	0.130E+01	2.25E-09	4.30E-08	1.32E-01	3.87E+00	4.67E-04	0.00E+00	8.97E+00	4.09E+00	2.24E+01	0.00E+00	1.71E-07	7.63E-08	6.55E-03	9.96E-05	1.19E+00	0.00E+00	2.24E+01	-2.83E-05	2.24E+01	2.35E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+02	
	FL382B	1.03E-02	6.26E+00	3.46E+00	3.84E+00	0.00E+00	0.00E+00	1.11E+01	5.12E+05	3.48E+03	3.27E-02	0.00E+00	0.248E+01	2.36E-09	4.59E-08	1.39E-01	3.96E+00	4.67E-04	0.00E+00	8.97E+00	4.64E+00	2.26E+01	0.00E+00	1.88E-07	7.93E-08	7.40E-03	1.37E-04	1.11E+00	0.00E+00	2.26E+01	-4.17E-05	2.26E+01	2.43E+01	1.11E+00	0.00E+00	0.00E+00	0.00E+00	3.15E+02	
	FL386B	1.56E-02	6.04E+00	3.65E+00	4.39E+00	0.00E+00	0.00E+00	1.24E+01	5.12E+05	5.06E+03	3.87E-02	0.00E+00	0.441E+01	4.59E-09	8.72E-08	2.10E-01	6.47E+00	4.67E-04	0.00E+00	1.78E+01	5.82E+00	3.78E+01	0.00E+00	2.29E-07	1.27E-07	1.00E-02	1.42E-04	2.64E+00	0.00E+00	3.78E+01	-4.01E-05	3.78E+01	4.05E+01	2.64E+00	0.00E+00	0.00E+00	0.00E+00	6.35E+02	
	FL387B	1.66E-02	1.06E+01	5.20E+00	6.40E+00	0.00E+00	0.00E+00	2.52E+01	5.18E+05	6.66E+03	4.56E-02	0.00E+00	0.633E+01	4.73E-09	9.61E-08	2.18E-01	6.54E+00	4.67E-04	0.00E+00	1.91E+01	5.36E+00	3.83E+01	0.00E+00	2.94E-07	1.26E-07	1.15E-02	2.03E-04	2.46E+00	0.00E+00	3.83E+01	-4.25E-05	3.83E+01	4.07E+01	2.46E+00	0.00E+00	0.00E+00	0.00E+00	6.44E+02	
	FL402B	1.14E-02	1.01E+01	5.44E+00	6.81E+00	0.00E+00	0.00E+00	1.14E+01	2.46E+05	4.15E+03	3.73E-02	0.00E+00	0.669E+01	2.44E-09	5.96E-08	1.47E-01	3.96E+00	4.67E-04	0.00E+00	8.82E+00	8.83E+00	2.36E+01	0.00E+00	1.84E-07	7.64E-08	9.02E-03	2.16E-04	8.29E-01	0.00E+00	2.36E+01	-4.98E-05	2.36E+01	2.43E+01	8.29E-01	0.00E+00	0.00E+00	0.00E+00	3.16E+02	
	FL406B	1.21E-02	1.05E+01	5.74E+00	6.79E+00	0.00E+00	0.00E+00	1.15E+01	2.45E+05	4.67E+03	3.86E-02	0.00E+00	0.707E+01	2.43E-09	6.57E-08	1.48E-01	4.05E+00	4.67E-04	0.00E+00	8.90E+00	9.32E+00	2.36E+01	0.00E+00	1.86E-07	7.69E-08	9.32E-03	2.26E-04	7.99E-01	0.00E+00	2.36E+01	-7.41E-05	2.36E+01	2.44E+01	7.99E-01	0.00E+00	0.00E+00	0.00E+00	3.16E+02	
	FL407B	1.93E-02	1.40E+01	7.87E+00	6.09E+00	0.00E+00	0.00E+00	1.25E+01	2.58E+05	5.43E+03	4.77E-02	0.00E+00	0.910E+01	2.60E-09	7.76E-08	1.59E-01	4.17E+00	4.67E-04	0.00E+00	9.35E+00	1.29E+01	2.46E+01	0.00E+00	1.96E-07	7.73E-08	1.12E-02	3.11E-04	5.62E-01	0.00E+00	2.46E+01	-1.04E-04	2.46E+01	2.52E+01	5.62E-01	0.00E+00	0.00E+00	0.00E+00	3.30E+02	
	GD213A	-2.92E-02	1.38E+00	4.98E-02	1.33E+00	0.00E+00	0.00E+00	6.78E+00	1.43E+03	1.22E+01	1.45E-02	0.00E+00	0.191E+04	6.53E-09	1.16E-07	8.19E-02	3.56E+00	9.00E+00	0.00E+00	5.49E+00	8.84E+00	1.38E+01	0.00E+00	3.38E-08	8.34E-08	6.15E-03	1.29E-05	6.57E+00	0.00E+00	1.62E+01	-0.40E+01	1.62E+01	2.21E+01	6.15E+00	0.00E+00	0.00E+00	0.00E+00	2.36E+02	
	B04000	-1.44E-03	3.71E-01	-6.72E-03	3.66E-01	0.00E+00	0.00E+00	5.47E+00	-1.88E+04	-2.47E-04	-2.67E-03	0.00E+00	2.80E-04	-3.64E-09	-5.90E-02	-4.36E+00	0.00E+00	0.00E+00	-3.96E-01	-1.00E+01	-7.13E+00	0.00E+00	-3.58E-09	-1.14E-08	-9.95E-04	-6.95E-05	-7.91E-01	-6.95E-05	-7.13E+00	-8.95E-07	-7.13E+00	-7.92E+00	-7.91E-01	0.00E+00	0.00E+00	0.00E+00	-2.11E+01		
	B04021	-2.10E-03	-4.64E-01	-9.44E-03	-8.48E-01	0.00E+00	0.00E+00	9.22E-01	-1.49E+04	-1.67E-04	-2.72E-03	0.00E+00	-8.26E-05	-2.13E-09	-1.35E-08	-2.38E-03	-2.20E+01	0.00E+00	0.00E+00	-1.36E+01	-3.17E-02	-2.76E+00	0.00E+00	-4.88E-08	-1.57E-08	-1.20E-03	-3.14E-05	-3.98E+00	0.00E+00	-2.76E+00	-4.28E-06	-2.76E+00	-8.51E+00	-3.98E+00	0.00E+00	0.00E+00	-1.90E+01		
	B04085	-4.54E-03	2.03E+00	3.75E-02	-1.99E+00	0.00E+00	0.00E+00	2.25E+01	8.46E+05	-1.21E-03	-1.27E-02	0.00E+00	-1.69E+03	2.63E-09	-1.71E-08	-3.79E-01	2.86E+01	9.00E+00	0.00E+00	-3.27E-01	-8.77E-01	4.12E+01	0.00E+00	2.70E-08	4.49E-08	-4.21E-03	4.46E-04	4.97E+00	0.00E+00	4.12E+01	-1.69E-04	4.12E+01	4.62E+01	-4.97E+00	0.00E+00	0.00E+00	0.00E+00	5.29E+01	
	B04086	-9.58E-03	2.96E+00	-4.30E-02	-2.91E+00	0.00E+00	0.00E+00	2.20E+01	-1.19E+04	-1.66E-03	-1.82E-02	0.00E+00	-1.72E+03	-3.66E-09	-2.27E-08	-3.67E-01	7.15E+01	0.00E+00	0.00E+00	-2.82E+00	-6.15E-01	4.56E+01	0.00E+00	-3.14E-08	-9.47E-08	-6.98E-03	-4.05E-04	-1.14E+01	0.00E+00	4.56E+01	-4.15E-06	4.56E+01	6.64E+01	-1.14E+01	0.00E+00	0.00E+00	0.00E+00	-1.48E+02	
	B04089	3.01E-03	3.86E-01	2.46E-02	3.11E-01	0.00E+00	0.00E+00	1.57E+00	-1.54E-04	7.31E-04	7.79E-03	0.00E+00	6.09E-19	-3.97E-09	-9.44E-09	1.03E-01	8.22E+01	0.00E+00	0.00E+00	1.74E+00	2.33E-18	1.58E+01	0.00E+00	1.60E-07	-1.29E-08	1.34E-03	0.00E+00	-1.14E+01	0.00E+00	1.58E+01	-1.13E-06	1.58E+01	4.39E+01	-1.14E+01	0.00E+00	0.00E+00	0.00E+00	-1.15E+01	
	B04090	3.15E-03	-8.05E-01	3.03E-02	-8.35E-01	0.00E+00	0.00E+00	1.61E+00	-2.21E+04	7.99E-04	8.26E-03	0.00E+00	7.89E-19	-6.02E-09	-1.93E-08	1.31E-01	1.30E+02	0.00E+00	0.00E+00	1.51E+00	3.02E-18	1.91E+01	0.00E+00	1.99E-07	-3.67E-08	1.07E-03	0.00E+00	-1.53E+01	0.00E+00	1.91E+01	-3.94E-06	1.91E+01	7.73E+01	-1.85E+01	0.00E+00	0.00E+00	0.00E+00	4.51E+01	
	B04911	2.65E-04	3.96E-02	-6.52E-03	-7.13E-02	0.00E+00	0.00E+00	6.53E+00	-5.72E+03	5.58E-05	-1.15E-05	0.00E+00	4.60E+00	-1.90E-11	-3.05E-09	-1.58E-02	-8.98E-01	0.00E+00	0.00E+00	1.73E-02	1.86E-02	2.49E+00	0.00E+00	1.02E-08	-6.93E-08	-6.16E-05	-1.26E-05	-1.26E-05	2.49E+00	0.00E+00	2.49E+00	-3.09E-07	2.49E+00	3.33E+00	-1.57E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+01
	B04912	3.43E-04	7.96E-02	-6.52E-03	-7.44E-02	0.00E+00	0.00E+00	6.53E+01	-5.69E+03	5.58E-05	-4.55E-05	0.00E+00	3.90E-05	-1.90E-11	-3.05E-09	-1.59E-02	-6.14E+00	0.00E+00	0.00E+00	1.73E-02	1.72E-02	2.49E+00	0.00E+00	1.04E-08	-6.97E-08	-1.72E-04	-1.42E-05	-9.86E-02	0.00E+00	2.49E+00	-3.35E-07	2.49E+00	-3.20E+00	-9.86E-02	0.00E+00	0.00E+00	0.00E+00	1.28E+01	
	B04917	-1.16E-04	-4.43E-02	3.16E-03	-4.11E-02	0.00E+00	0.00E+00	7.08E-02	2.96E-07	-1.62E-05	-1.92E-04	0.00E+00	-9.54E-06	7.36E-12	-1.29E-10	-6.10E-03	-1.33E+00	0.00E+00	0.00E+00	7.55E-02	-4.41E-03	7.46E-01	0.00E+00	-1.66E-09	-1.28E-09	-6.75E-05	-3.63E-06	-2.16E-01	0.00E+00	7.46E-01	-3.51E-09	-7.65E-01	9.81E-01	-2.16E-01	0.00E+00	0.00E+00	0.00E+00	-1.48E+00	
	B04918	-1.56E-04	6.59E-02	4.23E-03	6.50E-02	0.00E+00	0.00E+00	9.47E-02	3.96E-07	2.16E-05	2.37E-04	0.00E+00	-1.28E-05	8.93E-12	-1.73E-10	-6.83E-03	-1.78E+00	9.00E+00	0.00E+00	-1.01E-01	5.90E-03	1.02E+00	0.00E+00	-2.22E-09	-1.72E-09	-7.70E-05	-4.86E-06	-2.89E-01	0.00E+00	1.02E+00	-7.70E-01	1.02E+00	1.31E+00	-2.89E-01	0.00E+00	0.00E+00	0.00E+00	1.96E+00	
	B04919	-1.87E-04	-7.11E-02	-5.08E-03	-8.60E-02	0.00E+00	0.00E+00	1.14E-01	-4.75E-07	-2.60E-05	-3.08E-04	0.00E+00	-1.53E-05	-1.18E-11	-2.07E-10	-8.19E-03	-2.14E+00	0.00E+00	0.00E+00	-1.21E-01	7.08E-03	-1.23E+00	0.00E+00	-2.67E-09	-2.09E-09	-9.24E-05	-6.83E-06	-3.47E-01	0.00E+00	-1.23E+00	-5.64E-09	-1.23E+00	-1.58E+00	-3.47E-01</					

B08700	-1.29E-03	4.24E-01	2.13E-03	4.22E-01	0.00E+00	0.00E+00	6.32E-01	4.23E-05	-1.76E-04	2.14E-03	0.00E+00	8.04E-20	-1.21E-09	-4.69E-09	3.82E-03	2.00E+01	0.00E+00	0.00E+00	-8.71E-01	1.21E-19	-1.83E+00	0.00E+00	9.82E-09	-2.14E-08	8.35E-04	0.00E+00	2.98E+00	0.00E+00	1.83E+00	2.23E-08	1.83E+00	4.91E+00	2.98E+00	0.00E+00	0.00E+00	0.00E+00	3.94E+01
B08702	-1.29E-03	4.24E-01	-2.13E-03	4.22E-01	0.00E+00	0.00E+00	6.32E-01	4.23E-05	-1.76E-04	2.14E-03	0.00E+00	8.04E-20	-1.21E-09	-4.69E-09	3.82E-03	2.00E+01	0.00E+00	0.00E+00	-8.71E-01	1.21E-19	-1.83E+00	0.00E+00	9.82E-09	-2.14E-08	8.35E-04	0.00E+00	2.98E+00	0.00E+00	1.83E+00	2.23E-08	1.83E+00	4.91E+00	2.98E+00	0.00E+00	0.00E+00	0.00E+00	3.94E+01
B08704	-4.51E-03	5.59E-01	9.67E-03	5.17E-01	0.00E+00	0.00E+00	8.89E-01	6.41E-05	-3.86E-04	2.12E-03	0.00E+00	-8.58E-05	1.91E-08	-1.10E-08	1.23E-02	1.30E+01	0.00E+00	0.00E+00	4.85E-01	-3.32E-02	7.89E+00	0.00E+00	3.09E-08	1.89E-08	-1.24E-03	3.26E-05	1.72E+00	0.00E+00	7.89E+00	-1.45E-06	7.89E+00	1.20E+01	-1.72E+00	0.00E+00	0.00E+00	0.00E+00	3.04E+01
B08705	-4.61E-03	5.55E-01	9.42E-03	5.26E-01	0.00E+00	0.00E+00	3.65E-01	6.39E-05	3.74E-04	2.31E-03	0.00E+00	-8.07E-05	2.02E-08	4.07E-08	1.57E-02	1.18E+01	0.00E+00	0.00E+00	6.63E-01	3.78E-02	7.87E+00	0.00E+00	3.07E-08	1.90E-08	-1.24E-03	3.31E-05	1.72E+00	0.00E+00	7.87E+00	-1.41E-06	7.87E+00	1.19E+01	-1.72E+00	0.00E+00	0.00E+00	0.00E+00	3.15E+01
B08716	-1.38E-03	-1.61E-01	-7.84E-03	8.06E-02	0.00E+00	0.00E+00	5.57E-01	-2.52E-05	4.84E-05	2.82E-04	0.00E+00	-8.24E-05	-1.91E-10	-4.38E-09	1.78E-02	8.84E+00	0.00E+00	0.00E+00	-2.15E-02	3.66E-02	2.77E+00	0.00E+00	1.20E-08	-8.96E-09	3.94E-04	-2.01E-05	-1.14E+00	0.00E+00	2.77E+00	5.13E-06	2.77E+00	4.47E+00	-1.14E+00	0.00E+00	0.00E+00	0.00E+00	-1.26E+01
B08716	-1.47E-03	2.41E-01	-8.78E-03	-8.02E-02	0.00E+00	0.00E+00	5.68E-01	-8.14E-05	5.10E-05	4.74E-04	0.00E+00	-8.48E-05	-1.44E-10	-1.31E-08	1.75E-02	9.33E+00	0.00E+00	0.00E+00	-2.02E-02	3.34E-02	3.83E+00	0.00E+00	1.14E-08	-9.25E-09	-1.92E-04	2.01E-05	-1.12E+00	0.00E+00	3.83E+00	-7.02E-06	3.83E+00	4.93E+00	-1.12E+00	0.00E+00	0.00E+00	0.00E+00	-1.32E+01
FV22A	-7.67E-03	3.31E-01	-2.30E-02	-1.06E+00	0.00E+00	0.00E+00	2.41E+00	8.69E-04	-5.17E-04	3.06E-03	0.00E+00	1.855E-04	5.53E-09	5.11E-09	2.95E-03	1.30E+01	0.00E+00	0.00E+00	1.93E+00	8.62E-02	6.17E+00	0.00E+00	1.01E-07	6.09E-08	2.74E-03	6.43E-06	2.96E+00	0.00E+00	6.17E+00	-4.65E-05	6.17E+00	9.92E+00	-2.96E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+01
FV32A	-3.83E-02	5.36E-02	1.04E-03	9.95E-01	0.00E+00	0.00E+00	5.65E+00	2.86E-04	-1.13E-04	4.77E-03	0.00E+00	2.55E-05	9.53E-09	2.70E-07	6.05E-03	2.32E+01	0.00E+00	0.00E+00	3.10E+00	1.11E-01	3.76E-09	0.00E+00	1.07E-07	9.03E-08	4.09E-03	7.84E-06	3.85E+00	0.00E+00	3.76E+00	-3.65E-05	3.76E+00	6.05E+00	6.66E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+02
FV62A	-3.66E-02	6.56E-02	4.70E-03	8.51E-01	0.00E+00	0.00E+00	6.10E+00	2.97E-03	-2.42E-04	4.77E-03	0.00E+00	2.13E-04	9.57E-09	-3.78E-07	1.01E-02	1.87E+01	0.00E+00	0.00E+00	4.11E+00	9.73E-02	3.83E-01	0.00E+00	1.06E-07	1.00E-07	5.00E-03	7.14E-05	2.33E+00	0.00E+00	3.83E-01	-8.18E-05	3.83E-01	4.10E+00	2.33E+00	0.00E+00	0.00E+00	0.00E+00	2.46E+02
FV72A	-3.66E-02	2.59E-02	1.15E-03	-8.58E-01	0.00E+00	0.00E+00	-6.09E+00	3.01E-03	4.56E-04	5.96E-03	0.00E+00	-2.14E-04	9.67E-09	3.78E-07	-4.28E-03	2.24E+01	0.00E+00	0.00E+00	4.05E+00	-1.03E-01	3.88E-01	0.00E+00	1.05E-07	-1.00E-07	5.00E-03	7.19E-05	2.29E+00	0.00E+00	3.88E-01	4.23E-05	-3.89E-01	4.21E+00	2.29E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+02
GA01A	1.09E-03	7.76E-01	3.98E-03	7.73E-01	0.00E+00	0.00E+00	9.61E-02	-3.31E-05	4.88E-04	5.86E-03	0.00E+00	-4.19E-06	-7.88E-10	-1.89E-09	5.48E-03	2.98E-02	0.00E+00	0.00E+00	-2.38E-01	-1.94E-03	7.56E-09	0.00E+00	1.73E-08	2.57E-09	1.05E-03	-1.60E-06	2.11E-02	0.00E+00	7.56E-09	-1.58E-06	7.56E-09	7.80E-01	2.11E-02	0.00E+00	0.00E+00	0.00E+00	1.46E+01
GA01B	2.08E-03	1.05E+00	7.27E-03	1.04E+00	0.00E+00	0.00E+00	1.18E+00	1.14E-05	6.98E-04	8.33E-03	0.00E+00	-4.19E-06	2.68E-10	3.05E-09	1.19E-02	3.57E-02	0.00E+00	0.00E+00	9.35E-01	-1.94E-03	2.84E+00	0.00E+00	3.05E-08	1.50E-08	1.89E-03	-1.60E-06	1.88E-01	0.00E+00	2.84E+00	4.07E-07	2.84E+00	3.05E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	3.04E+01
GA055N	2.81E-03	1.81E+00	9.87E-03	1.60E+00	0.00E+00	0.00E+00	9.29E-01	3.19E-05	1.04E-03	1.24E-02	0.00E+00	-4.19E-06	2.68E-10	5.37E-10	1.51E-02	4.49E-01	0.00E+00	0.00E+00	1.04E+00	-1.94E-03	3.14E+00	0.00E+00	4.02E-08	1.54E-08	2.55E-03	-1.60E-06	2.30E-01	0.00E+00	3.14E+00	-1.02E-06	3.14E+00	3.37E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00	3.40E+01
GD018E	-9.03E-03	6.26E-01	4.39E-03	4.77E-01	0.00E+00	0.00E+00	6.14E+00	2.11E-04	5.82E-05	-1.42E-04	0.00E+00	4.54E-05	6.62E-09	1.31E-09	1.29E-01	1.29E+01	0.00E+00	0.00E+00	1.93E+00	1.46E-01	1.78E+01	0.00E+00	5.91E-06	6.09E-08	2.78E-03	8.95E-06	1.98E+00	0.00E+00	1.78E+01	1.48E+01	1.52E+01	1.78E+01	1.48E+01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
GD102A	-1.82E-04	6.49E-02	-5.98E-03	8.41E-02	0.00E+00	0.00E+00	1.47E-01	-1.90E-07	2.73E-05	3.07E-04	0.00E+00	2.41E-05	-1.19E-11	-2.07E-10	9.00E-03	1.68E+00	0.00E+00	0.00E+00	-2.44E-02	1.11E-02	1.35E+00	0.00E+00	4.65E-10	-1.88E-10	9.10E-04	-9.17E-08	-2.52E-01	0.00E+00	1.35E+00	-7.73E-05	1.35E+00	-1.60E+00	2.52E-01	0.00E+00	0.00E+00	0.00E+00	-1.59E+00
GD102B	4.78E-04	1.01E-01	2.34E-03	8.86E-02	0.00E+00	0.00E+00	2.59E-01	6.10E-07	1.02E-04	1.16E-03	0.00E+00	4.22E-20	4.93E-11	6.21E-10	8.93E-03	-1.78E-01	0.00E+00	0.00E+00	4.15E-01	1.61E-19	1.69E+00	0.00E+00	1.42E-08	5.03E-09	3.29E-04	0.00E+00	3.54E-02	0.00E+00	1.69E+00	6.30E-07	1.69E+00	1.73E+00	3.54E-02	0.00E+00	0.00E+00	0.00E+00	1.03E+01
GD102E	-1.76E-04	6.43E-02	5.24E-03	6.50E-02	0.00E+00	0.00E+00	-1.44E-01	1.71E-07	2.61E-05	2.92E-04	0.00E+00	-2.45E-05	9.78E-11	-1.95E-10	8.92E-03	1.32E+00	0.00E+00	0.00E+00	2.16E-02	1.11E-02	1.33E+00	0.00E+00	4.27E-10	-1.49E-09	9.72E-05	6.11E-06	2.04E-01	0.00E+00	1.33E+00	-7.62E-09	1.33E+00	1.54E+00	2.04E-01	0.00E+00	0.00E+00	0.00E+00	1.46E+00
GD102N	-1.82E-04	6.49E-02	-5.98E-03	8.41E-02	0.00E+00	0.00E+00	1.47E-01	-1.90E-07	2.73E-05	3.07E-04	0.00E+00	2.41E-05	-1.19E-11	-2.07E-10	9.00E-03	1.68E+00	0.00E+00	0.00E+00	-2.44E-02	1.11E-02	1.35E+00	0.00E+00	4.65E-10	-1.88E-10	9.10E-04	-9.17E-08	-2.52E-01	0.00E+00	1.35E+00	-7.73E-05	1.35E+00	-1.60E+00	2.52E-01	0.00E+00	0.00E+00	0.00E+00	-1.59E+00
GD102T	-1.71E-05	9.31E-02	-7.93E-03	6.61E-02	0.00E+00	0.00E+00	6.29E-01	-1.11E-05	5.63E-05	-1.42E-04	0.00E+00	2.93E-05	-7.81E-11	-4.68E-09	1.55E-02	-1.45E+00	0.00E+00	0.00E+00	5.80E-02	1.51E-02	2.48E+00	0.00E+00	8.77E-09	7.14E-09	1.52E-04	-1.26E-05	-3.01E-01	0.00E+00	2.48E+00	-8.66E-07	2.48E+00	2.96E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.26E+01
GD104E	1.11E-03	2.30E-01	5.90E-03	2.25E-01	0.00E+00	0.00E+00	5.60E-01	3.17E-04	3.14E-04	2.49E-03	0.00E+00	8.94E-20	-1.27E-11	2.08E-09	1.79E-02	1.52E-01	0.00E+00	0.00E+00	8.29E-01	3.42E-19	3.42E+00	0.00E+00	2.94E-08	1.02E-08	6.75E-04	0.00E+00	1.47E-01	0.00E+00	3.42E+00	8.83E-07	3.42E+00	3.57E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	2.06E+01
GD104T	-1.19E-04	6.19E-02	-8.57E-03	8.32E-02	0.00E+00	0.00E+00	6.54E-01	5.82E-05	5.82E-05	-1.42E-04	0.00E+00	4.54E-05	6.62E-09	1.31E-09	1.29E-01	1.29E+01	0.00E+00	0.00E+00	1.93E+00	1.46E-01	1.78E+01	0.00E+00	5.91E-06	6.09E-08	2.78E-03	8.95E-06	1.98E+00	0.00E+00	1.78E+01	1.48E+01	1.52E+01	1.78E+01	1.48E+01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
GD106A	-2.22E-03	3.93E-01	-3.74E-03	3.58E-01	0.00E+00	0.00E+00	1.31E+00	-1.49E-05	-2.17E-04	2.52E-03	0.00E+00	1.68E-04	-3.56E-11	-1.84E-08	6.03E-02	4.63E+00	0.00E+00	0.00E+00	-3.30E-01	2.77E-02	8.94E+00	0.00E+00	5.68E-10	-1.10E-08	8.48E-04	-4.46E-05	-1.03E+00	0.00E+00	8.94E+00	-5.29E-06	8.94E+00	-6.97E+00	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	-2.06E+01
GD106B	-7.25E-04	3.79E-01	3.54E-02	-3.43E-01	0.00E+00	0.00E+00	9.27E-01	6.71E-07	-1.48E-04	-1.63E-03	0.00E+00	-1.68E-04	4.96E-11	-1.12E-09	6.01E-02	6.73E+00	0.00E+00	0.00E+00	9.78E-03	2.77E-02	8.78E+00	0.00E+00	1.51E-10	7.38E-09	4.65E-04	6.40E-05	1.03E+00	0.00E+00	8.78E+00	9.81E-08	8.78E+00	9.81E+00	-1.03E+00	0.00E+00	0.00E+00	0.00E+00	-6.02E+00
GD106E	-7.91E-04	4.44E-01	3.57E-02	-4.09E-01	0.00E+00	0.00E+00	9.82E-01	5.51E-06	4.82E-05	2.26E-03	0.00E+00	-1.68E-04	1.83E-10	5.95E-10	6.11E-02	6.70E+00	0.00E+00	0.00E+00	1.22E-01	2.77E-02	8.19E+00	0.00E+00	2.87E-09	1.09E-08	2.09E-04	6.49E-05	1.33E+00	0.00E+00	9.19E+00	2.81E-07	9.19E+00	1.05E+00	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+01
GD106N	2.09E-03	1.32E-01	3.84E-03	1.26E-01	0.00E+00	0.00E+00	2.78E-01	-2.95E-04	5.23E-05	3.97E-04	0.00E+00	8.86E-20	5.22E-10	-3.35E-08	1.75E-02	2.45E+00	0.00E+00	0.00E+00	1.15E-01	3.40E-19	2.95E+00	0.00E+00	2.68E-08	1.85E-09	5.49E-05	0.00E+00	-2.84E-01	0.00E+00	2.95E+00	-9.77E-06	2.95E+00	2.69E+00	2.84E-01	0.00E+00			

GD413U	-6.33E-02	1.21E+00	8.89E-02	1.35E+00	0.00E+00	0.00E+00	1.23E+01	4.64E-03	2.02E-03	2.28E-02	0.00E+00	3.84E-04	-8.81E-05	5.18E-07	4.29E-02	5.17E+01	0.00E+00	0.00E+00	9.93E+00	1.73E-01	1.55E+01	0.00E+00	4.06E-08	-1.58E-07	8.92E-03	-1.04E-04	9.19E+00	0.00E+00	1.55E+01	-1.23E-04	1.55E+01	2.43E+01	8.19E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-02
GD418A	-3.61E-02	1.86E+00	5.16E-02	1.81E+00	0.00E+00	0.00E+00	1.78E-01	-4.67E-03	1.08E-04	1.82E-03	0.00E+00	9.32E-19	-3.85E-05	-5.23E-07	1.62E-01	-9.12E+00	0.00E+00	0.00E+00	3.09E+00	3.45E-19	3.28E+01	0.00E+00	2.77E-07	2.89E-08	-4.10E-04	0.00E+00	-6.73E-03	0.00E+00	3.28E+01	-1.27E-04	3.28E+01	3.39E+01	-9.73E-03	0.00E+00	0.00E+00	0.00E+00	-8.95E+00
GD418B	-7.91E-02	2.71E+00	6.62E-02	2.65E+00	0.00E+00	0.00E+00	-8.62E+00	8.36E-03	-7.65E-04	-1.37E-02	0.00E+00	1.12E-19	-8.01E-05	9.49E-07	1.79E-01	2.42E+00	0.00E+00	0.00E+00	1.92E+00	4.17E-19	3.64E+01	0.00E+00	3.16E-07	6.78E-09	-4.07E-03	0.00E+00	9.73E-01	0.00E+00	3.64E+01	-2.27E-04	3.64E+01	3.74E+01	9.73E-01	0.00E+00	0.00E+00	0.00E+00	2.40E+02
GD418M	-1.72E-03	9.06E-01	3.17E-02	1.56E+00	0.00E+00	0.00E+00	2.89E+00	1.68E-04	1.33E-01	4.10E-03	0.00E+00	1.34E-04	2.02E-09	4.40E-09	3.08E-02	5.09E+01	5.00E+00	0.00E+00	2.60E+00	7.92E-02	7.34E+00	0.00E+00	1.27E-08	6.30E-04	3.72E-03	5.31E-05	8.15E+00	0.00E+00	7.34E+00	5.34E-01	7.34E+00	1.35E+01	8.15E+00	0.00E+00	0.00E+00	0.00E+00	9.16E+01
GD418S	-1.25E-01	3.30E+00	-1.00E-04	3.30E+00	0.00E+00	0.00E+00	2.36E+01	-7.80E-04	-4.71E-03	5.87E-02	0.00E+00	4.28E-04	-1.90E-08	-8.92E-07	1.57E-01	7.89E+01	0.00E+00	0.00E+00	2.19E+01	1.51E-01	3.64E+01	0.00E+00	9.86E-08	-2.75E-08	3.89E-02	-1.25E-04	-1.27E+01	0.00E+00	3.64E+01	-2.30E-04	3.64E+01	4.91E+01	-1.27E+01	0.00E+00	0.00E+00	0.00E+00	-6.18E+02
GD418SMB	-3.89E-03	5.45E-01	1.84E-04	6.65E-01	0.00E+00	0.00E+00	2.25E+00	-1.78E-04	1.00E-05	3.49E-03	0.00E+00	9.34E-05	-3.13E-09	-2.58E-08	2.55E-02	-1.81E+01	0.00E+00	0.00E+00	1.57E+01	3.85E-02	3.95E+00	0.00E+00	3.45E-08	-1.93E-08	-1.75E-03	2.81E-05	2.57E+00	0.00E+00	3.95E+00	-7.13E-06	3.95E+00	1.10E+01	2.57E+00	0.00E+00	0.00E+00	0.00E+00	2.53E+01
GL24PP	-4.62E-02	3.44E-01	5.15E-02	1.97E-01	0.00E+00	0.00E+00	8.40E+00	3.95E-03	6.25E-04	-1.41E-02	0.00E+00	1.63E-04	9.52E-09	4.10E-07	8.92E-02	3.37E+01	0.00E+00	0.00E+00	5.99E+00	1.45E-01	7.68E+00	0.00E+00	3.46E-08	8.93E-07	7.35E-03	1.58E-04	4.95E+00	0.00E+00	7.68E+00	-1.10E-04	7.68E+00	1.75E+01	4.85E+00	0.00E+00	0.00E+00	0.00E+00	3.44E+03
GL24TP	-4.50E-02	2.04E-01	3.92E-02	1.53E-01	0.00E+00	0.00E+00	8.20E+00	3.95E-03	3.68E-04	-1.41E-02	0.00E+00	4.38E-04	-1.16E-08	-1.30E-07	1.23E-02	3.36E+01	0.00E+00	0.00E+00	5.57E+00	1.42E-01	6.76E+00	0.00E+00	1.08E-08	8.93E-08	4.85E-03	1.58E-04	4.95E+00	0.00E+00	7.68E+00	-1.10E-04	7.68E+00	1.61E+01	4.85E+00	0.00E+00	0.00E+00	0.00E+00	3.39E+02
GL42PP	-4.82E-02	2.04E-01	9.28E-02	8.40E-01	0.00E+00	0.00E+00	7.51E+00	-4.05E-03	-1.36E-04	1.41E-02	0.00E+00	4.98E-04	-1.16E-08	-4.57E-07	1.30E-01	3.81E+01	0.00E+00	0.00E+00	3.23E+00	2.74E-01	1.05E+01	0.00E+00	1.07E-07	-1.01E-07	6.21E-03	2.23E-04	5.15E+00	0.00E+00	1.05E+01	-1.11E-04	1.05E+01	1.44E+01	5.15E+00	0.00E+00	0.00E+00	0.00E+00	3.17E+02
GL42TP	-4.78E-02	4.86E-01	6.70E-02	1.80E+00	0.00E+00	0.00E+00	7.55E+00	-4.05E-03	2.78E-05	-1.46E-02	0.00E+00	-8.85E-04	-1.17E-08	4.98E-07	-4.98E-02	3.90E+01	0.00E+00	0.00E+00	3.09E+00	-2.98E-01	1.17E+01	0.00E+00	1.17E-07	-1.02E-07	6.89E-03	2.72E-04	7.30E+00	0.00E+00	1.17E+01	-1.12E-04	1.17E+01	2.07E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	3.03E+02
GP102P	-3.03E-05	3.51E-02	-8.83E-05	3.50E-02	0.00E+00	0.00E+00	1.58E-02	-1.33E-07	-3.62E-06	9.60E-05	0.00E+00	0.00E+00	8.42E-12	-7.86E-11	-2.15E-04	2.37E+00	0.00E+00	0.00E+00	-1.95E-02	0.00E+00	4.30E-02	0.00E+00	-4.90E-10	-1.30E-09	-2.48E-05	0.00E+00	-3.48E-01	0.00E+00	4.30E-02	-8.82E-10	4.32E-02	-4.90E-01	-3.48E-01	0.00E+00	0.00E+00	0.00E+00	6.82E-01
GP104T	1.55E-04	9.16E-02	-2.87E-03	3.17E-02	0.00E+00	0.00E+00	6.43E-01	-9.30E-04	6.12E-05	2.24E-04	0.00E+00	3.55E-06	7.59E-11	-4.21E-09	1.35E-02	4.05E+00	0.00E+00	0.00E+00	-2.25E-03	3.53E-03	2.36E+00	0.00E+00	9.22E-09	-7.03E-09	1.45E-04	-3.68E-06	-6.11E-01	0.00E+00	2.30E+00	-3.75E-07	2.36E+00	3.00E+00	-8.11E-01	0.00E+00	0.00E+00	0.00E+00	-1.26E+01
GP108T	6.27E-04	9.86E-02	1.34E-03	6.95E-02	0.00E+00	0.00E+00	5.21E-01	8.74E-05	6.09E-05	2.47E-04	0.00E+00	4.61E-06	4.96E-11	-4.20E-09	-1.27E-02	1.90E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-03	2.07E+00	0.00E+00	9.26E-09	6.93E-09	-1.25E-04	2.75E-06	5.98E-01	0.00E+00	2.07E+00	5.67E-07	2.07E+00	2.87E+00	-6.09E-01	0.00E+00	0.00E+00	0.00E+00	-1.23E+01
GP110T	6.42E-04	9.86E-02	1.48E-03	6.62E-02	0.00E+00	0.00E+00	4.92E-01	2.34E-07	6.11E-05	2.32E-04	0.00E+00	4.61E-06	4.27E-11	3.70E-09	1.27E-02	1.73E+00	0.00E+00	0.00E+00	1.76E-02	3.64E-03	1.95E+00	0.00E+00	1.74E-08	6.73E-09	3.20E-04	2.73E-06	5.99E-01	0.00E+00	1.95E+00	6.92E-07	1.95E+00	2.85E+00	-6.09E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+01
GP111T	6.95E-04	-1.27E-01	-9.29E-04	8.82E-02	0.00E+00	0.00E+00	4.55E-01	-1.68E-05	5.05E-04	4.85E-04	0.00E+00	1.93E-05	-2.94E-10	-1.31E-08	4.87E-02	2.59E+01	0.00E+00	0.00E+00	1.51E-01	2.11E-02	4.26E-01	0.00E+00	1.45E-08	-9.48E-09	3.05E-04	8.77E-06	-4.11E+00	0.00E+00	4.26E-01	8.45E-07	-4.26E-01	-2.02E+01	-14.11E+00	0.00E+00	0.00E+00	0.00E+00	-1.02E+01
GP112PN	-1.02E-03	7.73E-01	2.86E-02	-7.45E-01	0.00E+00	0.00E+00	-8.77E-01	2.28E-04	-2.27E-04	2.67E-03	0.00E+00	-1.30E-04	-1.41E-10	-1.81E-09	-4.96E-02	3.68E+01	0.00E+00	0.00E+00	-2.57E-01	-6.00E-02	7.76E+00	0.00E+00	7.77E-09	2.39E-08	8.04E-04	-4.95E-05	5.39E+00	0.00E+00	7.76E+00	-1.71E-08	7.76E+00	1.31E+01	-6.39E+00	0.00E+00	0.00E+00	0.00E+00	-1.39E+01
GP112TN	-1.25E-03	2.03E-01	2.21E-03	2.15E-01	0.00E+00	0.00E+00	4.13E-01	3.19E-05	4.32E-05	7.04E-04	0.00E+00	7.39E-05	6.10E-10	6.63E-09	-2.45E-02	2.03E+01	0.00E+00	0.00E+00	3.12E-02	1.44E-02	1.82E+00	0.00E+00	6.21E-09	9.93E-09	2.39E-04	3.03E-05	4.74E+00	0.00E+00	1.82E+00	4.56E-07	1.82E+00	4.90E+00	4.74E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+01
GP113P	1.86E-03	3.37E-01	5.96E-03	3.31E-01	0.00E+00	0.00E+00	9.84E-01	4.27E-06	3.24E-04	3.68E-03	0.00E+00	8.95E-02	1.29E-10	2.30E-09	1.65E-02	6.02E+01	0.00E+00	0.00E+00	1.48E+00	8.42E-19	5.26E+00	0.00E+00	4.16E-08	2.02E-08	1.14E-03	0.00E+00	2.68E-01	0.00E+00	5.26E+00	2.87E-06	5.26E+00	5.53E+00	2.68E-01	0.00E+00	0.00E+00	0.00E+00	5.31E+01
GP113T	7.01E-04	-1.00E-01	1.83E-07	8.04E-02	0.00E+00	0.00E+00	3.92E-01	7.96E-07	7.74E-05	7.96E-05	0.00E+00	4.23E-06	-1.08E-10	-7.78E-09	1.20E-02	4.22E+00	0.00E+00	0.00E+00	6.40E-02	6.93E-03	-1.06E+00	0.00E+00	1.10E-08	6.48E-09	5.88E-05	4.33E-06	3.97E+00	0.00E+00	-1.06E+00	2.28E-07	1.06E+00	2.87E+00	3.97E+00	0.00E+00	0.00E+00	0.00E+00	-1.11E+01
GP213P	-5.97E-04	-8.92E-01	1.74E-03	6.90E-01	0.00E+00	0.00E+00	-3.11E-01	2.61E-04	-1.50E-04	-1.39E-03	0.00E+00	0.00E+00	1.68E-10	-1.93E-09	-4.24E-03	4.89E+01	0.00E+00	0.00E+00	-3.85E-01	0.00E+00	1.24E+00	0.00E+00	-9.85E-09	2.53E-08	-8.84E-04	0.00E+00	6.81E+00	0.00E+00	1.24E+00	8.50E-03	-1.24E+00	6.09E+00	6.81E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+01
GP213T	6.06E-04	-2.14E-05	7.21E-02	0.00E+00	0.00E+00	0.00E+00	4.29E-01	2.49E-05	7.88E-05	7.72E-06	0.00E+00	4.40E-06	8.27E-11	6.71E-09	9.69E-03	4.61E+00	0.00E+00	0.00E+00	4.16E-02	7.55E-03	9.82E-01	0.00E+00	1.74E-08	6.73E-09	8.10E-06	-4.33E-06	3.95E+00	0.00E+00	9.82E-01	8.10E-07	9.82E-01	2.79E+00	3.95E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+01
GP218P	4.02E-03	1.27E-01	1.30E-02	7.14E-01	0.00E+00	0.00E+00	1.21E+00	9.22E-06	6.99E-04	7.93E-03	0.00E+00	1.93E-19	4.78E-19	4.96E-09	3.57E-02	1.30E+00	0.00E+00	0.00E+00	3.14E+00	7.39E-19	1.14E+01	0.00E+00	8.88E-08	4.37E-08	2.47E-03	0.00E+00	5.79E-01	0.00E+00	1.14E+01	5.77E-06	1.14E+01	1.19E+01	5.79E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+02
GP218T	2.33E-03	1.74E-02	9.39E-04	1.50E-02	0.00E+00	0.00E+00	2.44E-01	7.33E-04	1.05E-04	2.88E-03	0.00E+00	-4.99E-06	9.96E-11	5.12E-09	6.44E-03	6.69E+00	0.00E+00	0.00E+00	4.11E-01	-1.28E-02	3.72E-01	0.00E+00	3.52E-08	6.12E-09	1.63E-04	3.51E-06	1.40E+00	0.00E+00	3.72E-01	1.94E-06	3.72E-01	4.81E-02	-1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.68E+02
GP313P	3.44E-03	6.22E-01	1.10E-02	6.11E-01	0.00E+00	0.00E+00	1.82E+00	7.89E-05	5.99E-04	6.79E-03	0.00E+00	1.65E-19	2.39E-10	4.25E-09	3.05E-02	1.11E+00	0.00E+00	0.00E+00	2.89E+00	6.32E-19	9.72E+00	0.00E+00	7.69E-08	3.74E-08	3.21E-03	0.00E+00	4.95E-01	0.00E+00	9.72E+00	8.94E-01	9.72E+00	1.02E+01	4.95E-01	0.00E+00	0.00E+00	0.00E+00	9.80E+01
GP313T	1.67E-03	5.12E-03	1.65E-03	3.94E-03	0.00E+00	0.00E+00	3.01E-01	3.28E-06	9.06E-05	1.29E-03	0.00E+00	4.02E-06	1.13E-10	6.59E-09	7.34E-03	5.23E+00	0.00E+00	0.00E+00	4.07E-01	8.84E-03	5.61E-01	0.00E+00	3.15E-08	-4.77E-09	1.40E-04	-4.65E-06	2.09E+00	0.00E+00	5.61E-01	1.69E-06	5.61E-01	-1.28E-01	2.09E+00	0.00E			

VA12D	-6.74E-03	-4.90E-01	-4.94E-02	-4.40E-01	0.00E+00	0.00E+00	-1.75E+00	7.29E-04	7.21E-05	-6.89E-03	0.00E+00	-2.11E-04	-6.39E-09	-6.20E-09	-2.89E-02	-1.98E-01	0.00E+00	0.00E+00	2.62E+00	-1.04E-01	-1.15E-01	0.00E+00	2.23E-08	-5.15E-08	-2.79E-03	-9.62E-05	2.79E+00	0.00E+00	1.15E+00	-2.42E-05	-1.15E+01	1.52E+01	2.75E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+02
VA12DK	-4.81E-03	-2.67E-01	-2.02E-02	-3.62E-01	0.00E+00	0.00E+00	-1.25E+00	-1.03E-03	6.95E-05	-5.39E-03	0.00E+00	-1.22E-04	-2.65E-09	-3.51E-08	-2.15E-02	-8.73E-01	0.00E+00	0.00E+00	-1.25E+00	-6.87E-02	-4.44E-01	0.00E+00	2.18E-08	-3.23E-08	-3.12E-03	-3.81E-05	-1.19E+00	0.00E+00	4.44E+00	-2.45E-05	-4.44E+00	-5.97E+00	-1.19E+00	0.00E+00	0.00E+00	0.00E+00	7.73E+01
VA12DN	-7.61E-03	-3.25E-01	-3.41E-02	-1.58E-01	0.00E+00	0.00E+00	-8.88E-01	-6.04E-04	2.66E-04	-4.59E-03	0.00E+00	-2.26E-04	-4.34E-09	-7.38E-08	-2.55E-02	-1.61E-01	0.00E+00	0.00E+00	-1.74E+00	-1.16E-01	-9.80E+00	0.00E+00	1.73E-08	-3.16E-08	-2.34E-03	-9.17E-05	2.48E+00	0.00E+00	9.80E+00	-2.63E-05	-9.80E+00	1.29E+01	-2.48E+00	0.00E+00	0.00E+00	0.00E+00	9.52E+01
VA12E	-5.62E-03	-2.29E-01	-2.81E-02	-3.78E-01	0.00E+00	0.00E+00	-1.43E+00	9.85E-04	7.16E-05	-5.62E-03	0.00E+00	-1.40E-04	-3.18E-09	-2.79E-08	-2.37E-02	-9.65E-01	0.00E+00	0.00E+00	-1.24E+00	-6.33E-02	-4.43E-01	0.00E+00	2.39E-08	-3.43E-08	-3.10E-03	-4.97E-05	-1.52E+00	0.00E+00	4.43E+00	-2.41E-05	-4.43E+00	-5.20E+00	-3.52E+00	0.00E+00	0.00E+00	0.00E+00	7.84E+01
VA12G	-7.73E-03	-2.50E-01	-3.17E-02	-8.82E-02	0.00E+00	0.00E+00	-1.09E+00	-5.92E-04	2.69E-04	-5.53E-03	0.00E+00	-2.47E-04	-4.41E-09	-6.99E-08	-1.44E-02	-2.02E-01	0.00E+00	0.00E+00	-2.09E+00	-1.30E-01	-7.32E+00	0.00E+00	1.78E-08	-3.86E-08	-3.74E-03	-1.06E-04	-2.72E+00	0.00E+00	7.32E+00	-2.82E-05	-7.32E+00	-8.88E+00	-2.72E+00	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
VA12K	-3.49E-04	-1.79E-01	-6.07E-02	-8.21E-02	0.00E+00	0.00E+00	-8.89E-01	-1.75E-04	5.21E-05	-2.00E-04	0.00E+00	-3.84E-05	-2.76E-10	-1.15E-08	-8.90E-03	-2.88E+00	0.00E+00	0.00E+00	-9.72E-01	-2.20E-02	-3.04E+00	0.00E+00	9.57E-09	-1.04E-08	-3.20E-04	-3.95E-05	-7.18E-01	0.00E+00	3.04E+00	-3.35E-06	-3.04E+00	-4.75E+00	-17.8E-01	0.00E+00	0.00E+00	0.00E+00	3.80E+01
VA12N	-2.76E-02	-4.10E-01	-3.52E-02	-1.04E-01	0.00E+00	0.00E+00	-3.99E+00	-3.40E-04	-4.05E-04	-7.83E-03	0.00E+00	-1.99E-04	-5.07E-09	-1.70E-07	-2.63E-02	-1.73E-01	0.00E+00	0.00E+00	-2.90E+00	-3.96E-02	-1.09E+01	0.00E+00	3.32E-08	-3.50E-08	-3.30E-03	-4.84E-05	-3.30E+00	0.00E+00	1.09E+00	-4.46E-05	-1.09E+01	1.66E+01	-3.20E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+02
VA12NL	-1.93E-01	-1.86E-01	6.90E-03	1.00E-01	0.00E+00	0.00E+00	3.86E+00	-1.51E-03	3.05E-04	-4.44E-03	0.00E+00	2.89E+00	-3.72E-07	-3.71E-02	2.94E+00	0.00E+00	0.00E+00	-1.97E+00	-7.96E-01	5.23E+00	0.00E+00	6.00E-08	-1.83E-08	-1.66E-03	0.00E+00	-3.26E-01	0.00E+00	5.23E+00	-3.26E-05	-5.23E+00	-4.91E+00	-3.26E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.18E+02
VA24A	-8.74E-03	1.27E+00	5.31E-02	1.22E+00	0.00E+00	0.00E+00	1.03E+01	-1.53E-03	6.83E-04	6.51E-03	0.00E+00	7.63E-09	-4.45E-10	-1.52E-07	-1.19E-01	-8.14E+00	0.00E+00	0.00E+00	7.98E+00	2.66E-01	2.28E+01	0.00E+00	1.83E-07	-4.32E-08	-1.81E-03	0.00E+00	1.86E-01	0.00E+00	2.28E+01	-3.84E-05	2.28E+01	-3.21E+01	-1.86E-01	0.00E+00	0.00E+00	0.00E+00	2.32E+02
VA24B	-1.91E-02	7.99E-01	9.45E-03	7.90E-01	0.00E+00	0.00E+00	-4.52E+00	-2.23E-07	-1.93E-04	-3.43E-03	0.00E+00	-3.64E-09	-6.07E-08	-2.55E-07	-5.26E-02	-1.07E+00	0.00E+00	0.00E+00	-3.79E+00	-1.39E-01	6.26E+00	0.00E+00	8.01E-08	-3.32E-08	-2.18E-03	0.00E+00	-6.32E-02	0.00E+00	6.26E+00	-7.95E-05	-6.26E+00	-6.20E+00	-6.32E-02	0.00E+00	0.00E+00	0.00E+00	2.10E+02
VA24BN	-3.66E-02	1.20E+00	2.11E-02	1.18E+00	0.00E+00	0.00E+00	-5.12E+00	-4.18E-03	-5.52E-04	-6.83E-03	0.00E+00	4.88E-09	-4.25E-09	-4.78E-07	7.21E-02	-8.84E+00	0.00E+00	0.00E+00	-2.87E+00	1.81E-01	1.27E+01	0.00E+00	1.18E-07	-2.71E-08	-8.79E-03	0.00E+00	-8.55E-01	0.00E+00	1.27E+01	-1.16E-04	1.27E+01	-1.18E+01	-8.55E-01	0.00E+00	0.00E+00	0.00E+00	-1.91E+02
VA24CN	-5.06E-02	2.73E-01	1.36E-02	2.61E-01	0.00E+00	0.00E+00	6.89E+00	-5.46E-03	-1.61E-03	-2.18E-02	0.00E+00	3.93E-09	-1.24E-09	-6.28E-07	6.08E-02	-1.78E-01	0.00E+00	0.00E+00	-5.75E+00	1.45E-01	9.48E+00	0.00E+00	9.03E-08	-6.51E-08	-8.21E-03	0.00E+00	-2.32E+00	0.00E+00	9.48E+00	-1.53E-04	9.48E+00	-7.16E+00	-2.32E+00	0.00E+00	0.00E+00	0.00E+00	3.08E+02
VA24D	-1.75E-02	-7.10E-01	5.91E-02	-7.88E-01	0.00E+00	0.00E+00	-2.89E+00	-6.17E-04	-7.51E-04	-8.99E-03	0.00E+00	-2.19E-04	-1.20E-07	-2.91E-02	-2.44E-01	0.00E+00	0.00E+00	0.00E+00	-3.14E+00	-1.20E-01	-1.19E+00	0.00E+00	2.72E-08	-6.77E-08	-3.92E-03	-1.22E-04	-3.29E+00	0.00E+00	1.19E+00	-3.75E-05	-1.19E+01	1.72E+01	-3.29E+00	0.00E+00	0.00E+00	0.00E+00	-1.88E+02
VA24DK	-3.94E-03	-2.62E-01	6.11E-02	-3.65E-01	0.00E+00	0.00E+00	-1.42E+00	6.17E-04	2.12E-04	-5.32E-03	0.00E+00	-1.93E-04	-2.29E-09	-1.60E-07	-2.25E-02	-1.42E-01	0.00E+00	0.00E+00	-1.89E+00	-1.52E+00	6.43E+00	0.00E+00	4.32E-08	-3.50E-08	-3.30E-03	-4.84E-05	-2.11E+00	0.00E+00	6.43E+00	-3.02E-05	-6.43E+00	-7.54E+00	-3.21E+00	0.00E+00	0.00E+00	0.00E+00	6.94E+01
VA24DN	-1.25E-02	-7.48E-01	-4.18E-02	-7.25E-01	0.00E+00	0.00E+00	-3.38E+00	-1.39E-03	-5.52E-04	-8.50E-03	0.00E+00	2.38E-04	-5.17E-09	-1.90E-07	-8.27E-02	-2.80E-01	0.00E+00	0.00E+00	-2.02E+00	-1.24E-01	-1.21E+01	0.00E+00	3.09E-08	-2.52E-08	-3.12E-03	-1.84E-04	-4.05E+00	0.00E+00	1.21E+01	-2.02E-05	-1.21E+01	-2.04E+01	-4.05E+00	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
VA24E	2.23E-04	-1.13E+00	-9.43E-02	-1.03E+00	0.00E+00	0.00E+00	5.32E-01	3.65E-04	1.06E-03	-3.73E-03	0.00E+00	-5.05E-04	3.99E-10	1.73E-08	-1.67E-01	-2.91E+01	0.00E+00	0.00E+00	-2.28E+00	-2.33E-01	-2.38E+01	0.00E+00	1.81E-08	-1.77E-08	-1.28E-03	-1.50E-04	-4.12E+00	0.00E+00	-2.38E+01	6.64E-07	-2.38E+01	-2.79E+01	-4.12E+00	0.00E+00	0.00E+00	0.00E+00	6.31E+01
VA24G	-1.23E-02	-4.56E-01	2.87E-02	-3.69E-01	0.00E+00	0.00E+00	-1.33E+00	1.28E-03	-4.57E-04	-6.51E-03	0.00E+00	-2.11E-04	-5.44E-09	-1.56E-07	-1.27E-02	-2.57E-01	0.00E+00	0.00E+00	-2.34E+00	-1.16E-01	-9.43E+00	0.00E+00	3.45E-08	-3.43E-08	-1.71E-03	-1.14E-04	-2.99E+00	0.00E+00	-9.43E+00	-3.70E-05	-9.43E+00	-1.41E+01	-2.99E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+02
VA24K	8.47E-04	-1.82E-01	-5.17E-03	-8.14E-02	0.00E+00	0.00E+00	-7.50E-01	-2.38E-04	-4.55E-05	-2.42E-04	0.00E+00	-6.83E-05	-3.62E-10	-1.16E-08	-7.05E-03	-4.83E+00	0.00E+00	0.00E+00	-9.94E-01	-2.88E-02	-2.88E+00	0.00E+00	1.40E-08	-1.94E-08	-3.20E-04	-3.71E-05	-9.09E-01	0.00E+00	2.88E+00	-3.32E-06	2.88E+00	-4.82E+00	-9.09E-01	0.00E+00	0.00E+00	0.00E+00	3.80E+01
VA24N	-3.44E-02	-3.20E-01	-2.15E-03	-3.61E-01	0.00E+00	0.00E+00	-4.73E+00	-4.12E-03	-6.76E-04	-4.25E-03	0.00E+00	-1.86E-04	-5.77E-09	-3.74E-07	-1.12E-02	-2.11E-01	0.00E+00	0.00E+00	-4.15E+00	-7.85E-02	-1.25E+00	0.00E+00	1.63E-07	-4.24E-08	-4.09E-03	-7.71E-05	-3.18E+00	0.00E+00	-1.25E+00	-9.66E-05	-1.25E+00	-1.17E+01	-3.18E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+01
VA24NL	-2.33E-03	-1.54E+00	-1.95E-01	-1.43E+00	0.00E+00	0.00E+00	-3.26E+00	-1.31E-04	6.38E-04	-8.87E-03	0.00E+00	-4.99E-04	-3.62E-09	-7.67E-10	-1.81E-01	-2.28E-01	0.00E+00	0.00E+00	-1.91E+00	-2.30E-01	-2.94E+00	0.00E+00	-1.24E-08	-5.27E-08	-3.45E-03	-1.90E-04	-3.58E+00	0.00E+00	-2.94E+00	-6.84E-06	-2.94E+00	-3.25E+01	-3.58E+00	0.00E+00	0.00E+00	0.00E+00	9.68E+01
VA36APZ	-5.93E-03	7.74E-01	8.80E-04	7.75E-01	0.00E+00	0.00E+00	4.86E+00	-4.86E-04	-4.54E-04	-6.85E-03	0.00E+00	4.86E+00	-1.34E-08	-6.16E-08	-5.16E-02	-3.54E+01	0.00E+00	0.00E+00	-9.70E+00	-1.86E-01	-5.96E+00	0.00E+00	4.32E-08	-1.38E-07	-6.24E-03	0.00E+00	-9.05E+00	0.00E+00	-5.96E+00	-3.32E-05	-5.96E+00	-1.15E+01	-9.05E+00	0.00E+00	0.00E+00	0.00E+00	4.88E+02
VA36CN	-6.45E-02	2.07E+00	-1.98E-01	-1.91E+00	0.00E+00	0.00E+00	2.01E+01	-4.12E-03	-3.35E-03	-4.13E-02	0.00E+00	-8.71E-04	-1.34E-08	-7.14E-07	-2.58E-01	-4.96E+01	0.00E+00	0.00E+00	-1.55E+01	-3.10E-01	-4.80E+01	0.00E+00	-4.54E-08	-1.97E-07	-1.39E-02	-2.56E-04	-8.14E+00	0.00E+00	-4.80E+01	-1.82E-04	-4.80E+01	-6.51E+01	-8.14E+00	0.00E+00	0.00E+00	0.00E+00	4.88E+02
VA36K	1.74E-03	-1.84E-01	2.44E-03	-9.03E-02	0.00E+00	0.00E+00	4.54E-01	2.26E-04	5.19E-05	-4.41E-04	0.00E+00	-3.74E-05	-1.05E-09	-5.09E-09	-7.28E-03	-5.50E+00	0.00E+00	0.00E+00	-8.58E-01	-3.44E-02	-2.59E+00	0.00E+00	1.59E-08	-8.23E-08	-5.33E-05	-3.88E-05	-5.02E-01	0.00E+00	-2.59E+00	-2.44E-06	-2.59E+00	-4.79E+00	-5.02E-01	0.00E+00	0.00E+00	0.00E+00	3.79E+01
VA36NW	-8.98E-03	9.42E-01	6.50E-02	8.80E-01	0.00E+00	0.00E+00	1.34E+01	-1.13E-03	-2.83E-05	-2.09E-03	0.00E+00	-8.02E-04	-1.45E-09	-9.90E-08	-1.19E-01	-7.73E-01	0.00E+00	0.00E+00	-1.05E+01	-2.78E-01	-1.30E+01	0.00E+00	1.37E-07	-1.19E-08	-8.84E-04	-2.29E-04	-8.83E+00	0.00E+00	-1.30E+01	-2.91E-05	-1.30E+01	-2.28E+00	-8.83E+00	0.00E+00	0.00E+00	0.00E+00	3.33E+02
VA36NWB	-1.26E-02	3.27E+00	-1.44E-03	-3.12E+00	0.00E+00	0.00E+00	4.40E+00	-6.83E-04	-2.15E-03	-2.53E-02	0.00E+00	-8.02E-04	-1.91E-08	-6.81E-08	-3.20E-01	-2.83E+01	0.00E+00	0.00E+00	-1.18E+01	-2.78E-01	-4.88E+01	0.00E+00	6.13E-08	-1.88E-07	-3.16E-02	-2.95E-04	-4.83E+00	0.00E+00	-4.88E+01	-3.47E-05	-4.88E+01	-6.34E+01	-4.83E+00	0.00E+00	0.00E+00		

VB418R	5.11E-02	3.19E+00	3.58E-01	2.83E+00	0.00E+00	0.00E+00	1.85E+01	5.41E-03	2.44E-03	3.09E-02	0.00E+00	1.80E-03	1.50E-08	6.24E-07	5.49E-01	7.94E+01	0.00E+00	0.00E+00	5.52E+00	8.33E-01	7.03E+01	0.00E+00	2.33E-07	-1.17E-07	-1.11E-02	4.86E-04	-1.16E+01	0.00E+00	7.03E+01	-1.44E-04	7.03E+01	8.19E+01	-1.16E+01	0.00E+00	0.00E+00	0.00E+00	3.65E+02
VB418TB	2.80E-02	5.51E+00	1.23E-01	5.38E+00	0.00E+00	0.00E+00	2.02E+01	5.90E-05	5.76E-03	5.99E-02	0.00E+00	8.78E-17	3.31E-08	5.21E-08	1.11E-01	9.84E+00	0.00E+00	0.00E+00	2.54E+01	1.72E-16	8.62E+01	0.00E+00	7.04E-07	2.98E-07	1.77E-02	0.00E+00	4.83E+00	0.00E+00	8.62E+01	3.39E-05	8.62E+01	9.15E+01	4.83E+00	0.00E+00	0.00E+00	0.00E+00	8.03E+02
VD101ND	-2.47E-04	-4.96E-01	7.51E-03	-1.53E-01	0.00E+00	0.00E+00	-8.65E+00	-1.39E-05	3.95E-05	2.15E-04	0.00E+00	-8.03E-04	5.37E-10	-4.17E-09	-4.01E-02	2.18E+00	0.00E+00	0.00E+00	3.24E-02	-1.57E-01	6.12E+00	0.00E+00	1.94E-08	7.84E-09	-2.12E-04	-2.68E-04	1.36E+00	0.00E+00	6.12E+00	-2.81E-07	6.12E+00	9.28E+00	-1.36E+00	0.00E+00	0.00E+00	0.00E+00	-1.25E+01
VD101NT	2.42E-04	5.54E-02	1.28E-03	3.41E-02	0.00E+00	0.00E+00	1.28E-01	2.06E-05	5.39E-05	6.12E-04	0.00E+00	2.43E-20	3.83E-11	1.29E-10	4.97E-03	9.88E-02	0.00E+00	0.00E+00	1.94E-01	9.31E-20	9.02E-01	0.00E+00	7.89E-09	2.43E-09	1.58E-04	0.00E+00	4.59E-02	0.00E+00	9.02E-01	1.80E-07	9.02E-01	9.49E-01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	6.14E+00
VD102ND	2.61E-04	-4.96E-01	-7.86E-04	1.53E-01	0.00E+00	0.00E+00	8.65E+00	-1.16E-05	3.95E-05	-1.66E-04	0.00E+00	-8.04E-04	-2.58E-10	-4.17E-09	-4.02E-02	-1.65E+00	0.00E+00	0.00E+00	3.07E-02	1.57E-01	6.12E+00	0.00E+00	1.94E-08	-7.86E-09	3.12E-04	-2.68E-04	-1.20E+00	0.00E+00	6.12E+00	-2.80E-07	6.12E+00	9.31E+00	-1.20E+00	0.00E+00	0.00E+00	0.00E+00	-1.25E+01
VD102NE	-7.36E-05	-1.39E-02	5.45E-04	-1.33E-02	0.00E+00	0.00E+00	3.46E-02	-2.47E-08	-8.99E-06	-1.06E-04	0.00E+00	-1.59E-06	6.88E-11	-2.57E-10	8.64E-04	-1.78E-01	0.00E+00	0.00E+00	5.93E-02	7.73E-04	-1.90E-01	0.00E+00	5.29E-10	7.94E-10	-4.56E-05	6.04E-07	-3.21E-02	0.00E+00	-1.90E-01	-1.30E-07	-1.90E-01	2.22E-01	-3.21E-02	0.00E+00	0.00E+00	0.00E+00	2.18E+00
VD102NT	-3.27E-05	-7.34E-03	1.51E-04	-7.19E-03	0.00E+00	0.00E+00	1.69E-02	2.24E-09	4.80E-05	5.92E-05	0.00E+00	9.32E-22	6.92E-11	2.17E-10	8.70E-05	-1.12E-01	0.00E+00	0.00E+00	4.55E-02	3.79E-21	6.39E-02	0.00E+00	1.65E-10	5.92E-10	3.13E-05	0.00E+00	-2.95E-02	0.00E+00	6.39E-02	-1.16E-07	-6.39E-02	8.43E-02	-2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.02E+00
VD104NE	-3.42E-04	3.08E-01	-1.50E-04	1.53E-01	0.00E+00	0.00E+00	3.96E-01	2.74E-07	4.97E-05	-7.73E-04	0.00E+00	1.19E-12	9.20E-12	1.18E-10	2.70E-02	2.56E-02	0.00E+00	0.00E+00	2.49E-02	3.29E-02	3.86E+00	0.00E+00	1.14E-08	-3.32E-09	2.84E-04	2.71E-05	-4.24E-01	0.00E+00	3.86E+00	-1.45E-01	3.86E+00	4.22E+00	-4.24E-01	0.00E+00	0.00E+00	0.00E+00	2.62E+00
VD104NT	2.27E-05	2.08E-03	6.88E-05	2.01E-03	0.00E+00	0.00E+00	5.66E-02	8.08E-08	4.64E-06	4.98E-05	0.00E+00	1.15E-21	1.18E-10	2.70E-04	2.04E-01	0.00E+00	0.00E+00	3.50E-02	1.11E-20	6.33E-02	0.00E+00	5.66E-10	1.65E-10	1.45E-05	0.00E+00	-2.62E-02	0.00E+00	6.33E-02	2.69E-08	6.33E-02	3.70E-02	-2.62E-02	0.00E+00	0.00E+00	0.00E+00	1.35E+00	
VD109NE	-7.40E-04	-1.12E-01	2.45E-03	-1.10E-01	0.00E+00	0.00E+00	-3.19E-01	2.94E-02	4.73E-05	-1.04E-03	0.00E+00	-4.94E-08	8.17E-10	2.93E-09	-3.68E-03	6.61E-01	0.00E+00	0.00E+00	6.02E-01	-2.29E-03	1.28E+00	0.00E+00	-4.87E-09	8.00E-09	-4.75E-04	1.89E-08	-1.47E-01	0.00E+00	1.28E+00	-1.59E-06	1.28E+00	1.43E+00	-1.47E-01	0.00E+00	0.00E+00	0.00E+00	2.46E+01
VD109NP	-3.92E-03	8.30E-02	-1.04E-02	8.39E-02	0.00E+00	0.00E+00	6.33E-01	-1.89E-04	5.92E-05	-4.09E-04	0.00E+00	-8.49E-05	9.79E-10	-1.19E-09	-1.67E-02	4.40E+00	0.00E+00	0.00E+00	1.84E-02	-1.79E-02	2.82E+00	0.00E+00	9.11E-09	-8.89E-09	2.75E-04	-1.53E-05	-7.35E-01	0.00E+00	2.82E+00	-4.41E-06	2.82E+00	3.71E+00	-7.35E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+01
VD106PD	-2.64E-03	8.15E-02	-7.84E-03	8.00E-02	0.00E+00	0.00E+00	6.23E-01	-2.00E-04	7.11E-05	3.24E-04	0.00E+00	-3.52E-05	1.58E-08	-1.28E-08	-1.66E-02	5.24E+00	0.00E+00	0.00E+00	3.35E-02	1.86E-02	2.42E+00	0.00E+00	1.23E-08	-8.39E-09	8.65E-04	-1.76E-05	-9.97E-01	0.00E+00	2.42E+00	-4.69E-06	2.42E+00	3.61E+00	-9.97E-01	0.00E+00	0.00E+00	0.00E+00	-1.40E+01
VD106TD	-2.63E-03	8.15E-02	7.37E-03	8.00E-02	0.00E+00	0.00E+00	6.23E-01	1.79E-04	6.69E-05	4.10E-04	0.00E+00	-3.52E-05	9.56E-10	-1.24E-09	-1.57E-02	4.90E+00	0.00E+00	0.00E+00	3.35E-02	1.67E-02	2.42E+00	0.00E+00	1.14E-08	8.37E-09	8.45E-04	-1.13E-06	9.46E-01	0.00E+00	2.42E+00	4.32E-06	2.42E+00	3.88E+00	-9.46E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+01
VD106TF	-3.26E-03	8.15E-02	3.95E-03	8.26E-02	0.00E+00	0.00E+00	6.23E-01	1.84E-04	6.69E-05	4.10E-04	0.00E+00	-3.52E-05	9.56E-10	-1.24E-09	-1.57E-02	4.90E+00	0.00E+00	0.00E+00	3.35E-02	1.67E-02	2.42E+00	0.00E+00	1.14E-08	8.37E-09	8.45E-04	-1.13E-06	9.46E-01	0.00E+00	2.42E+00	4.32E-06	2.42E+00	3.88E+00	-9.46E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+01
VD108NE	-9.20E-04	3.08E-01	-2.97E-03	1.53E-01	0.00E+00	0.00E+00	3.96E-01	-3.80E-08	-1.06E-04	-1.29E-03	0.00E+00	-8.62E-06	-1.02E-09	-3.64E-09	-4.41E-03	-7.86E-01	0.00E+00	0.00E+00	-7.50E-01	2.69E-03	1.57E+00	0.00E+00	1.57E-09	-1.00E-09	8.91E-04	2.71E-06	-1.78E-01	0.00E+00	1.57E+00	-1.98E-06	1.57E+00	-1.75E+00	-1.78E-01	0.00E+00	0.00E+00	0.00E+00	-3.07E+01
VD108NP	-9.02E-03	-1.05E-01	-1.88E-02	-1.24E-01	0.00E+00	0.00E+00	-5.61E-01	-6.63E-04	4.23E-05	-5.67E-04	0.00E+00	-6.64E-05	-1.54E-09	4.40E-09	-1.88E-02	9.67E+00	0.00E+00	0.00E+00	-4.38E-02	-2.74E-02	3.50E+00	0.00E+00	8.54E-09	9.44E-09	-3.74E-04	-2.69E-05	-9.27E-01	0.00E+00	3.50E+00	-1.50E-05	3.50E+00	4.26E+00	-9.27E-01	0.00E+00	0.00E+00	0.00E+00	-1.51E+01
VD108PD	-7.26E-03	9.97E-02	1.39E-02	8.48E-02	0.00E+00	0.00E+00	5.35E-01	5.59E-04	6.56E-05	4.40E-04	0.00E+00	-4.71E-05	1.61E-09	5.30E-09	-1.79E-02	9.20E+00	0.00E+00	0.00E+00	1.44E-02	3.32E-02	2.97E+00	0.00E+00	1.15E-08	8.69E-09	3.45E-04	1.83E-05	-1.17E+00	0.00E+00	2.97E+00	-1.36E-05	2.97E+00	4.24E+00	-1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+01
VD108PP	-9.02E-03	-1.04E-01	-1.41E-02	-1.13E-01	0.00E+00	0.00E+00	-5.51E-01	4.78E-04	5.88E-05	4.93E-04	0.00E+00	-4.20E-05	-1.86E-09	4.20E-09	-1.87E-02	9.64E+00	0.00E+00	0.00E+00	-2.86E-02	2.21E-02	3.11E+00	0.00E+00	9.88E-09	-9.13E-09	3.78E-04	-1.97E-05	-1.17E+00	0.00E+00	3.11E+00	-1.54E-05	3.11E+00	4.19E+00	-1.17E+00	0.00E+00	0.00E+00	0.00E+00	-1.45E+01
VD108TD	7.22E-03	9.97E-02	-1.38E-02	8.37E-02	0.00E+00	0.00E+00	6.35E-01	-5.62E-04	6.55E-05	4.34E-04	0.00E+00	-4.89E-05	2.13E-09	5.40E-09	-1.74E-02	-9.60E+00	0.00E+00	0.00E+00	1.44E-02	3.32E-02	2.97E+00	0.00E+00	1.23E-08	-8.69E-09	3.45E-04	-1.83E-05	-1.15E+00	0.00E+00	2.97E+00	-1.38E-05	2.97E+00	4.24E+00	-1.15E+00	0.00E+00	0.00E+00	0.00E+00	-1.41E+01
VD108TF	-3.11E-03	7.42E-02	-7.94E-03	-7.93E-02	0.00E+00	0.00E+00	-5.32E-01	2.48E-04	5.90E-05	-4.93E-04	0.00E+00	-3.48E-05	-1.44E-09	2.14E-09	-1.52E-02	4.97E+00	0.00E+00	0.00E+00	4.04E-02	-1.68E-02	2.32E+00	0.00E+00	1.10E-08	6.27E-09	2.75E-04	1.03E-06	-9.39E-01	0.00E+00	2.32E+00	4.37E-06	2.32E+00	3.00E+00	-9.39E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+01
VD108TP	-1.38E-03	1.64E-01	-3.37E-03	3.11E-01	0.00E+00	0.00E+00	4.84E-01	8.48E-04	6.92E-04	4.36E-03	0.00E+00	4.82E-06	1.23E-09	9.30E-09	-1.78E-03	8.37E+00	0.00E+00	0.00E+00	2.43E-02	2.69E-03	2.57E+00	0.00E+00	1.14E-08	-3.90E-09	2.44E-03	-2.24E-06	-1.35E+00	0.00E+00	2.57E+00	-3.14E-05	2.57E+00	3.91E+00	-1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+02
VD110NE	-1.06E-03	3.66E-01	-3.75E-03	3.60E-01	0.00E+00	0.00E+00	4.70E-01	-4.30E-08	-1.26E-04	-1.54E-03	0.00E+00	-8.41E-06	-1.22E-09	-4.37E-09	-5.02E-03	-8.02E-01	0.00E+00	0.00E+00	-8.94E-01	2.96E-03	-1.84E+00	0.00E+00	4.66E-09	-1.19E-09	7.04E-04	-2.44E-06	-2.03E-01	0.00E+00	-1.84E+00	-2.37E-04	-1.84E+00	-2.05E+00	-2.03E-01	0.00E+00	0.00E+00	0.00E+00	-3.66E+01
VD110NP	-9.34E-03	-1.05E-01	1.69E-02	-1.24E-01	0.00E+00	0.00E+00	-5.61E-01	-6.63E-04	4.23E-05	-5.67E-04	0.00E+00	-6.64E-05	-1.54E-09	4.40E-09	-1.88E-02	9.67E+00	0.00E+00	0.00E+00	-4.38E-02	-2.74E-02	3.50E+00	0.00E+00	8.54E-09	9.44E-09	-3.74E-04	-2.69E-05	-9.27E-01	0.00E+00	3.50E+00	-1.50E-05	3.50E+00	4.26E+00	-9.27E-01	0.00E+00	0.00E+00	0.00E+00	-1.76E+01
VD110PD	-7.72E-03	-1.01E-01	1.39E-02	8.90E-02	0.00E+00	0.00E+00	6.30E-01	5.71E-04	6.47E-05	4.02E-04	0.00E+00	-4.91E-05	1.77E-09	5.32E-09	-1.80E-02	9.38E+00	0.00E+00	0.00E+00	1.44E-02	3.48E-02	3.07E+00	0.00E+00	1.20E-08	8.69E-09	3.52E-04	-1.91E-05	-1.16E+00	0.00E+00	3.07E+00	-1.39E-05	3.07E+00	4.12E+00	-1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+01
VD110PP	9.48E-03	-1.05E-01	-1.41E-02	-1.07E-01	0.00E+00	0.00E+00	-5.51E-01	4.92E-04	5.57E-05	4.85E-04	0.00E+00	-4.21E-05	-1.97E-09	6.21E-09	-1.88E-02	-9.86E+00	0.00E+00	0.00E+00	-2.86E-02	2.21E-02	3.11E+00	0.00E+00	9.88E-09	-9.13E-09	3.78E-04	-1.97E-05	-1.17E+00	0.00E+00	3.11E+00	-1.54E-05	3.11E+00	4.19E+00	-1.17E+00	0.00E+00	0.0		

VE106SN	-1.6603	9.48E-01	3.37E-03	8.45E-01	0.00E+00	0.00E+00	6.81E-01	3.14E-05	-2.70E-04	3.34E-03	0.00E+00	-1.71E-18	-1.06E-09	-4.92E-09	-2.75E-02	6.73E+01	0.00E+00	0.00E+00	-1.09E+00	1.42E-17	2.57E+00	0.00E+00	-1.61E-08	-3.93E-08	1.07E-03	0.00E+00	8.43E+00	0.00E+00	2.57E+00	-1.68E-08	2.57E+00	1.10E+01	4.43E+00	0.00E+00	0.00E+00	0.00E+00	4.18E+01	
VE106U	5.19E-04	2.83E-02	6.19E-03	3.45E-02	0.00E+00	0.00E+00	2.07E+00	3.52E-09	9.03E-05	9.30E-04	0.00E+00	-7.05E-18	1.34E-10	4.22E-09	-1.11E-02	-1.12E+01	0.00E+00	0.00E+00	1.31E+00	-1.40E-17	1.88E+00	0.00E+00	1.45E-08	1.15E-09	2.70E-04	0.00E+00	-1.46E+00	0.00E+00	1.88E+00	5.41E-07	1.88E+00	4.14E-01	-1.46E+00	0.00E+00	0.00E+00	0.00E+00	4.72E+01	
VE106YN	-2.96E-03	-1.90E-01	4.83E-03	-3.06E-01	0.00E+00	0.00E+00	-3.20E-01	-1.83E-04	3.61E-05	9.72E-05	0.00E+00	-17.97E-06	-1.01E-08	-2.40E-08	-1.14E-02	4.33E+01	0.00E+00	0.00E+00	1.09E-01	-5.03E-03	1.57E+00	0.00E+00	5.86E-09	1.56E-08	2.07E-04	-1.51E-06	5.96E+00	0.00E+00	1.57E+00	-7.42E-06	1.57E+00	2.94E+00	5.96E+00	0.00E+00	0.00E+00	0.00E+00	-1.42E+01	
VE110A	1.76E-03	1.01E+00	6.21E-03	1.00E+00	0.00E+00	0.00E+00	9.72E-02	6.50E-05	8.48E-04	8.81E-03	0.00E+00	-3.93E-07	1.60E-09	2.01E-09	2.89E-02	1.72E+01	0.00E+00	0.00E+00	6.03E-01	1.81E-04	9.12E-01	0.00E+00	2.52E-08	6.70E-03	1.46E-03	-1.49E-07	2.49E+00	0.00E+00	9.12E-01	3.11E-04	9.12E-01	1.58E+00	-3.46E+00	0.00E+00	0.00E+00	0.00E+00	3.26E+01	
VE110D	-2.94E-03	-1.45E-01	-1.35E-02	1.41E-01	0.00E+00	0.00E+00	6.55E-01	-1.97E-04	-4.58E-05	3.96E-03	0.00E+00	-1.37E-05	-2.33E-09	-3.57E-08	1.33E-02	-1.34E+01	0.00E+00	0.00E+00	3.25E-01	3.43E-02	4.83E+00	0.00E+00	9.44E-09	-2.99E-08	3.88E-03	6.64E-06	-2.03E+00	0.00E+00	4.83E+00	-3.96E-06	4.83E+00	7.21E+00	2.03E+00	0.00E+00	0.00E+00	0.00E+00	6.61E+00	
VE110E	-1.68E-03	9.88E-02	2.99E-03	-1.95E-01	0.00E+00	0.00E+00	4.70E-01	6.00E-05	8.34E-05	4.41E-04	0.00E+00	-1.09E-05	-1.09E-09	-7.88E-09	-1.80E-02	-1.64E+01	0.00E+00	0.00E+00	1.25E-02	-1.20E-02	1.84E+00	0.00E+00	7.32E-09	1.37E-08	2.44E-04	3.07E-06	2.53E+00	0.00E+00	1.84E+00	-3.96E-06	1.84E+00	3.98E+00	2.53E+00	0.00E+00	0.00E+00	0.00E+00	-1.51E+01	
VE110F	-1.13E-02	4.45E-01	4.79E-03	-4.69E-01	0.00E+00	0.00E+00	2.15E-00	6.70E-04	4.72E-04	5.92E-03	0.00E+00	-2.69E-07	2.14E-09	7.90E-09	4.55E-02	1.02E+01	0.00E+00	0.00E+00	1.02E+00	1.20E-04	2.76E+00	0.00E+00	-1.41E-08	1.39E-08	4.29E-04	8.99E-06	2.79E+00	0.00E+00	1.74E+00	-5.52E-05	1.74E+00	6.55E+00	-2.79E+00	0.00E+00	0.00E+00	0.00E+00	9.32E+01	
VE110G	-1.67E-03	2.98E-01	2.99E-03	-1.98E-01	0.00E+00	0.00E+00	4.70E-01	9.52E-05	8.34E-05	4.14E-04	0.00E+00	-1.09E-05	-2.46E-09	-1.84E-08	1.81E-02	-1.64E+01	0.00E+00	0.00E+00	1.05E-02	2.08E-02	1.84E+00	0.00E+00	1.02E-08	3.27E-08	4.41E-04	-3.15E-06	-2.93E+00	0.00E+00	1.84E+00	-3.96E-06	1.84E+00	3.94E+00	5.33E+00	0.00E+00	0.00E+00	0.00E+00	-1.51E+01	
VE110H	6.36E-03	2.39E-01	2.53E-02	2.14E-01	0.00E+00	0.00E+00	6.60E+00	1.24E-05	2.80E-03	6.84E-03	0.00E+00	-5.20E-07	8.16E-10	3.39E-09	4.28E-02	-3.60E+01	0.00E+00	0.00E+00	5.09E+00	2.40E-04	1.13E+01	0.00E+00	7.87E-09	2.65E-08	2.26E-03	-1.98E-07	4.60E+00	0.00E+00	1.13E+01	4.56E-06	1.13E+01	6.67E+00	-4.60E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+02	
VE110L	2.98E-03	1.10E+00	9.05E-03	1.09E+00	0.00E+00	0.00E+00	6.19E-01	4.85E-07	1.65E-03	9.67E-03	0.00E+00	-2.55E-17	-1.09E-09	7.26E-09	-4.72E-02	1.61E+01	0.00E+00	0.00E+00	5.66E-02	-4.55E-17	1.87E+00	0.00E+00	3.16E-08	1.90E-10	1.84E-03	0.00E+00	2.27E+00	0.00E+00	1.87E+00	-2.24E-06	1.87E+00	-3.99E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	6.54E+00	
VE110M	-3.16E-03	8.80E-02	6.31E-03	-4.48E-02	0.00E+00	0.00E+00	-4.77E-01	-3.38E-04	3.59E-04	1.53E-04	0.00E+00	-3.61E-06	-1.72E-09	-4.20E-09	-2.88E-02	-1.43E+01	0.00E+00	0.00E+00	-1.11E-01	-2.11E-03	2.15E+00	0.00E+00	9.34E-09	-1.31E-08	-3.62E-04	-4.36E-06	-1.96E+00	0.00E+00	2.15E+00	-1.06E-05	2.15E+00	4.09E+00	-1.96E+00	0.00E+00	0.00E+00	0.00E+00	-1.90E+01	
VE110N	-2.46E-03	1.38E-01	-1.31E-02	-4.95E-01	0.00E+00	0.00E+00	7.41E-01	-1.91E-04	-7.75E-05	3.57E-03	0.00E+00	-1.37E-05	-1.23E-09	-3.32E-08	2.51E-02	-1.59E+01	0.00E+00	0.00E+00	4.30E-01	3.43E-02	5.16E+00	0.00E+00	9.54E-09	-2.99E-08	1.89E-03	6.64E-06	-2.33E+00	0.00E+00	5.16E+00	-9.46E-06	5.16E+00	7.17E+00	2.33E+00	0.00E+00	0.00E+00	0.00E+00	7.08E+00	
VE110PN	-2.90E-03	1.32E+00	4.54E-03	1.32E+00	0.00E+00	0.00E+00	6.81E-01	4.67E-05	-3.75E-04	-4.64E-03	0.00E+00	-1.34E-17	-1.42E-09	6.79E-09	-4.84E-02	8.02E+01	0.00E+00	0.00E+00	1.10E+00	2.68E-17	3.98E+00	0.00E+00	-2.24E-08	5.47E-08	-1.49E-03	0.00E+00	-1.18E+01	0.00E+00	3.98E+00	-2.30E-06	3.98E+00	1.54E+01	-1.18E+01	0.00E+00	0.00E+00	0.00E+00	5.77E+01	
VE110PVH	-1.22E-03	3.76E-01	2.92E-03	-3.73E-01	0.00E+00	0.00E+00	6.54E-01	4.39E-05	1.71E-04	2.07E-03	0.00E+00	-4.03E-06	1.25E-09	4.74E-09	1.63E-02	1.60E+01	0.00E+00	0.00E+00	1.02E+00	8.04E-18	1.98E+00	0.00E+00	-1.02E-08	1.39E-08	4.29E-04	8.00E+00	2.41E+00	0.00E+00	1.98E+00	-3.32E-05	1.98E+00	4.39E+00	-3.32E-05	1.98E+00	0.00E+00	0.00E+00	0.00E+00	4.01E+01
VE110S	-1.46E-06	-1.62E-01	2.93E-03	-1.62E-01	0.00E+00	0.00E+00	8.85E-02	4.22E-05	1.71E-04	5.91E-04	0.00E+00	-6.47E-06	-1.72E-09	-2.92E-09	3.75E-03	-8.37E+00	0.00E+00	0.00E+00	-5.79E-01	1.79E-19	2.10E-01	0.00E+00	9.41E-09	-1.09E-08	8.86E-04	0.00E+00	-1.23E+00	0.00E+00	2.10E-01	2.21E-06	2.10E-01	-1.02E+01	-1.23E+00	0.00E+00	0.00E+00	0.00E+00	-2.63E+01	
VE110SN	-2.32E-03	1.35E+00	4.81E-03	1.34E+00	0.00E+00	0.00E+00	6.97E-01	4.68E-05	-3.80E-04	-4.70E-03	0.00E+00	-1.34E-17	-1.48E-09	6.84E-09	-4.85E-02	8.18E+01	0.00E+00	0.00E+00	-1.51E+00	-2.68E-17	3.63E+00	0.00E+00	-2.27E-08	5.56E-08	-1.50E-03	0.00E+00	-1.20E+01	0.00E+00	3.63E+00	-2.30E-06	3.63E+00	1.56E+01	-1.20E+01	0.00E+00	0.00E+00	0.00E+00	5.81E+01	
VE110U	6.47E-04	3.03E-03	8.71E-03	-1.17E-02	0.00E+00	0.00E+00	2.77E+00	2.81E-06	1.52E-04	1.60E-03	0.00E+00	-7.15E-18	3.67E-10	5.52E-09	4.89E-03	1.52E+01	0.00E+00	0.00E+00	1.82E+00	1.41E-17	2.92E+00	0.00E+00	2.30E-08	2.90E-09	4.55E-04	0.00E+00	-1.97E+00	0.00E+00	2.92E+00	6.63E-07	2.92E+00	9.75E-01	-1.97E+00	0.00E+00	0.00E+00	0.00E+00	6.51E+01	
VE110YN	-3.96E-03	-7.72E-02	6.42E-03	6.57E-01	0.00E+00	0.00E+00	1.32E-01	2.92E-04	1.32E-04	8.77E-04	0.00E+00	-7.78E-06	2.11E-09	-4.19E-09	-1.50E-02	8.22E+01	0.00E+00	0.00E+00	3.62E-01	6.68E-03	1.44E+00	0.00E+00	6.11E-10	-1.62E-08	4.87E-04	-3.86E-06	-1.94E+01	0.00E+00	1.44E+00	4.91E-06	1.44E+00	4.74E+00	-1.94E+01	0.00E+00	0.00E+00	0.00E+00	-1.46E+01	
VE112DK	-1.21E-02	6.82E-02	-1.26E-03	8.40E-02	0.00E+00	0.00E+00	5.74E-01	-1.04E-03	2.60E-04	3.31E-03	0.00E+00	-1.12E-06	-2.43E-09	-9.31E-09	1.00E-01	-3.06E+01	0.00E+00	0.00E+00	4.28E-01	3.70E-04	2.02E+00	0.00E+00	6.10E-09	-1.82E-08	1.21E-03	4.66E-06	4.37E+00	0.00E+00	2.02E+00	2.06E-05	2.02E+00	6.65E+00	4.37E+00	0.00E+00	0.00E+00	0.00E+00	3.21E+01	
VE112DN	1.99E-03	-5.07E-02	7.22E-03	-2.62E-01	0.00E+00	0.00E+00	-6.89E-01	2.02E-04	2.24E-03	3.74E-03	0.00E+00	-4.44E-07	-3.36E-09	2.08E-08	-5.72E-01	2.18E+01	0.00E+00	0.00E+00	-4.32E-01	-3.37E-04	3.08E-02	0.00E+00	3.25E-08	-1.99E-08	7.14E-04	3.52E-07	3.14E+00	0.00E+00	3.08E-02	-1.46E-05	3.08E-02	4.04E+00	-3.14E+00	0.00E+00	0.00E+00	0.00E+00	3.96E+01	
VE112E	-6.43E-03	4.07E-02	-9.92E-03	-1.61E-01	0.00E+00	0.00E+00	5.54E-01	-3.65E-04	5.02E-06	2.52E-03	0.00E+00	-1.37E-05	-4.13E-06	1.88E-09	-2.95E-08	4.79E-02	3.06E+01	0.00E+00	0.00E+00	-3.39E-01	1.79E-03	2.15E+00	0.00E+00	-1.02E-08	1.79E-08	4.18E-03	-4.66E-06	-6.72E+00	0.00E+00	2.15E+00	-1.06E-05	2.15E+00	6.32E+00	-4.66E+00	0.00E+00	0.00E+00	0.00E+00	2.66E+01
VE112F	-2.27E-02	9.95E-01	-4.90E-03	8.86E-01	0.00E+00	0.00E+00	4.26E+00	-1.37E-04	-9.30E-04	-1.17E-02	0.00E+00	-6.09E-17	-1.88E-09	-1.40E-07	1.90E-01	-4.43E+01	0.00E+00	0.00E+00	-4.43E+00	1.22E-16	5.40E+00	0.00E+00	2.74E-08	-6.80E-08	3.74E-03	0.00E+00	-6.72E+00	0.00E+00	5.40E+00	-4.14E-05	5.40E+00	-1.21E+01	-6.72E+00	0.00E+00	0.00E+00	0.00E+00	-1.82E+02	
VE112G	-4.38E-03	4.01E-02	4.97E-03	-1.49E-01	0.00E+00	0.00E+00	-5.54E-01	3.46E-04	-1.32E-05	2.58E-03	0.00E+00	-4.13E-06	-1.96E-09	2.95E-08	6.79E-02	3.10E+01	0.00E+00	0.00E+00	-3.39E-01	-1.79E-03	2.15E+00	0.00E+00	1.36E-08	-1.81E-08	-1.18E-03	-4.66E-06	4.22E+00	0.00E+00	2.15E+00	-7.50E-06	2.15E+00	6.22E+00	-4.22E+00	0.00E+00	0.00E+00	0.00E+00	-2.69E+01	
VE112H	-2.72E-02	-4.38E-01	1.85E-02	-4.56E-01	0.00E+00	0.00E+00	5.01E+00	3.68E-03	2.89E-03	-1.31E-02	0.00E+00	-3.48E-19	6.72E-09	3.80E-07	4.50E-02	7.39E+01	0.00E+00	0.00E+00	2.92E+00	1.33E-18	1.10E+01	0.00E+00	1.10E-07	5.61E-04	3.71E-03	0.00E+00	-1.04E-01	0.00E+00	1.10E+01	-1.01E-04	1.10E+01	6.23E-01	-1.04E+01	0.00E+00	0.00E+00	0.00E+00	1.58E+02	
VE112L	9.33E-04	2.78E+00	2.25E-02	2.77E+00	0.00E+00	0.00E+00	1.96E+00	-5.14E-04	1.86E-03	2.20E-02	0.00E+00	4.91E-19	5.98E-12	5.28E-08	3.71E-02	-3.16E+01	0.00E+00	0.00E+00	1.49E+00	1.84E-18	8.14E+00	0.00E+00	8.62E-08	1.99E-08	4.78E-03	0.00E+00	-4.34E+00	0.00E+00	8.14E+00	-1.74E-05	8.14E+00	3.9						

VF104TJ	9.0704	8.83E-02	-3.40E-03	8.26E-03	0.00E+00	0.00E+00	3.73E-01	-4.50E-05	8.04E-05	1.90E-04	0.00E+00	-1.92E-05	-1.88E-10	-3.64E-09	9.13E-03	4.99E-06	0.00E+00	0.00E+00	1.16E-01	1.27E-02	1.44E+00	0.00E+00	1.96E-08	-6.98E-07	7.85E-05	-1.88E-05	-1.73E+00	0.00E+00	1.44E+00	-1.74E-07	1.44E+00	3.10E+00	-1.73E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+01
VF104TM	1.03E-03	8.83E-02	-3.40E-03	1.48E-02	0.00E+00	0.00E+00	3.63E-01	-5.14E-05	8.04E-05	2.45E-04	0.00E+00	-1.80E-05	-1.60E-10	-3.35E-09	8.75E-03	4.98E+00	0.00E+00	0.00E+00	1.16E-01	1.22E-02	1.42E+00	0.00E+00	2.14E-08	-6.98E-07	8.58E-05	-1.88E-05	-1.87E+00	0.00E+00	1.42E+00	-1.69E-07	1.42E+00	3.02E+00	-1.67E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+01
VF104TR	-2.66E-03	8.89E-02	8.84E-03	-4.02E-02	0.00E+00	0.00E+00	-3.73E-01	7.32E-05	5.76E-05	-2.31E-04	0.00E+00	-3.37E-05	-1.15E-10	-2.17E-09	-1.72E-02	-1.33E+01	0.00E+00	0.00E+00	1.67E-02	-3.38E-02	2.54E+00	0.00E+00	1.91E-08	1.06E-08	-2.43E-04	-2.42E-05	2.90E+00	0.00E+00	2.54E+00	-2.46E-06	2.54E+00	6.73E+00	2.90E+00	0.00E+00	0.00E+00	0.00E+00	-1.82E+01
VF104TS	-2.27E-03	7.02E-02	8.88E-03	8.38E-02	0.00E+00	0.00E+00	3.84E-01	2.93E-04	-1.12E-04	2.37E-05	0.00E+00	-4.05E-05	9.88E-10	4.93E-09	-1.42E-02	1.23E+01	0.00E+00	0.00E+00	6.41E-02	3.22E-02	1.91E+00	0.00E+00	2.25E-08	1.00E-08	4.18E-04	3.58E-05	2.58E+00	0.00E+00	1.91E+00	-1.56E-05	1.91E+00	4.37E+00	3.58E+00	0.00E+00	0.00E+00	0.00E+00	2.50E+01
VF108PA	4.72E-04	2.34E-02	-1.33E-03	8.91E-04	0.00E+00	0.00E+00	6.31E-01	-6.06E-05	1.14E-04	3.44E-04	0.00E+00	2.71E-05	9.91E-11	-8.17E-10	1.30E-02	7.48E+00	0.00E+00	0.00E+00	1.18E-01	3.21E-02	1.69E+00	0.00E+00	2.40E-08	-7.56E-07	7.24E-05	-1.17E-05	-6.71E-01	0.00E+00	1.69E+00	2.08E-06	1.69E+00	3.20E+00	-8.71E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+01
VF108PD	6.27E-04	2.34E-02	-1.64E-03	1.24E-02	0.00E+00	0.00E+00	6.31E-01	-6.53E-05	1.26E-04	3.50E-04	0.00E+00	2.85E-05	1.33E-10	-5.64E-09	-1.32E-02	7.23E+00	0.00E+00	0.00E+00	1.20E+01	3.31E-02	1.69E+00	0.00E+00	3.53E-08	7.45E-07	6.81E-05	-1.17E-05	-7.09E-01	0.00E+00	1.69E+00	-1.10E-06	1.69E+00	3.21E+00	-7.09E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+01
VF108PE	2.22E-03	6.99E-01	1.99E-02	6.74E-01	0.00E+00	0.00E+00	1.67E+00	3.47E-05	6.15E-04	6.62E-03	0.00E+00	2.69E-19	4.26E-19	3.97E-09	5.51E-02	1.10E+00	0.00E+00	0.00E+00	2.94E+00	9.94E-19	1.02E+01	0.00E+00	8.55E-08	8.93E-07	1.97E-03	0.00E+00	5.65E-01	0.00E+00	1.02E+00	2.99E-07	1.02E+01	1.09E+01	5.65E-01	0.00E+00	0.00E+00	0.00E+00	8.02E+01
VF108PEB	2.93E-03	6.99E-01	1.35E-02	4.06E-01	0.00E+00	0.00E+00	1.67E+00	8.24E-05	5.00E-04	5.67E-03	0.00E+00	2.49E-19	4.74E-19	3.45E-09	4.50E-02	7.77E+00	0.00E+00	0.00E+00	2.94E+00	8.08E-19	8.46E+00	0.00E+00	8.57E-08	2.34E-07	1.61E-03	0.00E+00	7.87E-01	0.00E+00	1.02E+00	2.77E-06	8.46E+00	7.88E+00	5.67E-01	0.00E+00	0.00E+00	0.00E+00	6.77E+01
VF108PEH	2.74E-04	2.11E-02	-5.78E-03	3.44E-02	0.00E+00	0.00E+00	6.25E-01	-9.01E-05	1.26E-04	5.55E-04	0.00E+00	-1.28E-05	1.24E-10	-2.63E-09	-1.09E-02	-3.89E+00	0.00E+00	0.00E+00	8.23E-02	4.54E-02	2.15E+00	0.00E+00	3.64E-08	6.92E-07	1.00E-04	2.25E-05	-5.66E-01	0.00E+00	2.15E+00	-5.52E-06	2.15E+00	3.50E+00	-5.66E-01	0.00E+00	0.00E+00	0.00E+00	-1.77E+01
VF108PF	2.80E-04	2.34E-02	-1.70E-03	-4.87E-04	0.00E+00	0.00E+00	-5.31E-01	9.97E-05	1.10E-04	4.00E-04	0.00E+00	-3.08E-05	4.07E-11	9.17E-10	-1.27E-02	7.72E+00	0.00E+00	0.00E+00	1.18E-01	-3.17E-02	1.79E+00	0.00E+00	2.21E-08	-7.56E-07	6.44E-05	-1.26E-05	-7.62E-01	0.00E+00	1.79E+00	2.00E-06	1.79E+00	3.22E+00	-7.62E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+01
VF108PJ	4.87E-04	-1.46E-02	-1.36E-03	1.68E-02	0.00E+00	0.00E+00	6.26E-01	-5.49E-05	1.20E-04	9.77E-04	0.00E+00	2.69E-05	1.16E-10	-5.04E-09	-1.27E-02	7.19E+00	0.00E+00	0.00E+00	1.20E-01	3.22E-02	1.69E+00	0.00E+00	3.70E-08	-7.45E-07	6.11E-05	-1.64E-05	-6.76E-01	0.00E+00	1.69E+00	-8.75E-07	1.69E+00	3.18E+00	-7.67E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+01
VF108PM	4.69E-04	2.34E-02	-1.72E-03	4.57E-03	0.00E+00	0.00E+00	6.31E-01	-6.60E-05	1.14E-04	2.94E-04	0.00E+00	2.74E-05	9.85E-11	-5.38E-09	-1.34E-02	7.29E+00	0.00E+00	0.00E+00	1.18E-01	3.22E-02	1.69E+00	0.00E+00	2.36E-08	-7.56E-07	7.24E-05	-1.17E-05	-7.79E-01	0.00E+00	1.69E+00	-1.34E-06	1.69E+00	3.25E+00	-7.79E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+01
VF108PP	3.13E-03	6.99E-01	1.94E-02	6.54E-01	0.00E+00	0.00E+00	1.79E+00	-3.73E-05	7.50E-04	7.19E-03	0.00E+00	2.68E-19	2.72E-19	5.06E-09	5.08E-02	1.15E+00	0.00E+00	0.00E+00	2.85E+00	9.90E-19	1.01E+01	0.00E+00	8.48E-08	3.16E-08	1.99E-03	0.00E+00	5.66E-01	0.00E+00	1.02E+00	3.04E-06	1.01E+01	1.09E+01	5.66E-01	0.00E+00	0.00E+00	0.00E+00	8.06E+01
VF108PR	-1.72E-03	4.04E-01	6.74E-03	1.54E-01	0.00E+00	0.00E+00	3.75E-01	7.75E-05	8.42E-05	7.86E-04	0.00E+00	3.88E-05	1.37E-10	3.37E-09	-1.54E-02	1.97E+01	0.00E+00	0.00E+00	7.14E-02	3.20E-02	2.20E+00	0.00E+00	3.57E-08	8.93E-07	4.10E-05	2.67E-05	3.30E+00	0.00E+00	1.20E+00	2.99E-07	2.20E+00	6.21E+00	3.30E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+01
VF108PT	-3.31E-02	1.05E+00	6.86E-02	8.95E-01	0.00E+00	0.00E+00	1.95E+00	-3.11E-01	-1.72E-03	2.15E-02	0.00E+00	2.80E-04	-5.16E-09	-3.69E-07	-1.08E-01	-2.27E+01	0.00E+00	0.00E+00	-7.70E+00	1.26E-01	1.76E+01	0.00E+00	-1.57E-08	-8.11E-08	8.31E-03	-1.07E-04	-3.76E+00	0.00E+00	1.76E+01	-1.14E-04	1.76E+01	-2.16E+01	3.76E+00	0.00E+00	0.00E+00	0.00E+00	-3.40E-02
VF108PY	4.64E-04	6.24E-03	-1.98E-03	1.54E-02	0.00E+00	0.00E+00	6.41E-01	-6.91E-05	1.40E-04	7.79E-04	0.00E+00	-2.69E-05	-3.59E-11	-8.87E-09	-1.40E-02	7.62E+00	0.00E+00	0.00E+00	1.11E-01	-3.16E-02	1.62E+00	0.00E+00	3.71E-08	-7.52E-07	7.68E-05	-1.16E-05	-8.17E-01	0.00E+00	1.62E+00	-4.09E-06	1.62E+00	3.20E+00	-8.17E-01	0.00E+00	0.00E+00	0.00E+00	1.23E+01
VF108TA	2.58E-04	7.25E-02	3.87E-03	1.55E-02	0.00E+00	0.00E+00	-3.73E-01	3.80E-05	9.37E-05	5.67E-04	0.00E+00	-3.04E-05	5.20E-11	3.82E-09	-1.34E-02	1.14E+01	0.00E+00	0.00E+00	1.37E-01	2.98E-02	1.40E+00	0.00E+00	3.37E-08	7.17E-07	7.69E-05	1.52E-05	2.34E+00	0.00E+00	1.40E+00	-4.79E-07	1.40E+00	4.12E+00	2.34E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+01
VF108TD	5.64E-06	8.13E-02	-3.46E-03	4.48E-04	0.00E+00	0.00E+00	-3.73E-01	6.40E-05	8.14E-05	1.93E-04	0.00E+00	-3.08E-05	-5.69E-11	-7.95E-09	-1.30E-02	1.21E+01	0.00E+00	0.00E+00	1.36E-01	2.93E-02	1.42E+00	0.00E+00	1.96E-08	-7.27E-07	6.92E-05	-1.54E-05	-2.29E+00	0.00E+00	1.42E+00	-1.24E-06	1.42E+00	4.23E+00	2.29E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+01
VF108TE	1.74E-03	3.98E-02	-3.47E-03	2.93E-02	0.00E+00	0.00E+00	3.67E-01	-3.29E-05	1.10E-04	5.78E-04	0.00E+00	-1.94E-05	7.98E-11	-3.69E-09	9.23E-03	-4.89E+00	0.00E+00	0.00E+00	1.37E-01	3.18E-02	1.23E+00	0.00E+00	3.15E-08	6.31E-07	3.19E-05	-1.64E-05	-1.84E+00	0.00E+00	1.23E+00	-1.33E-07	1.23E+00	3.13E+00	1.84E+00	0.00E+00	0.00E+00	0.00E+00	-1.07E+01
VF108TF	2.80E-04	7.25E-02	3.87E-03	1.55E-02	0.00E+00	0.00E+00	-3.73E-01	3.80E-05	9.48E-05	5.67E-04	0.00E+00	-3.04E-05	5.07E-11	3.82E-09	-1.34E-02	1.14E+01	0.00E+00	0.00E+00	1.37E-01	2.98E-02	1.40E+00	0.00E+00	3.34E-08	-7.17E-07	7.69E-05	1.52E-05	2.34E+00	0.00E+00	1.40E+00	-4.79E-07	1.40E+00	4.19E+00	2.34E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+01
VF108TJ	6.48E-05	8.13E-02	-4.95E-03	7.71E-03	0.00E+00	0.00E+00	3.75E-01	-4.41E-05	8.32E-05	1.80E-04	0.00E+00	-4.58E-05	-1.38E-10	-3.87E-09	-1.35E-02	1.16E+01	0.00E+00	0.00E+00	1.36E-01	3.06E-02	1.42E+00	0.00E+00	2.10E-08	-7.27E-07	6.92E-05	-1.53E-05	-2.29E+00	0.00E+00	1.42E+00	-1.49E-06	1.42E+00	4.21E+00	2.29E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+01
VF108TM	1.86E-05	8.13E-02	-4.95E-03	8.98E-04	0.00E+00	0.00E+00	3.73E-01	-4.89E-05	8.14E-05	1.25E-04	0.00E+00	-3.08E-05	-4.29E-11	-1.46E-09	-1.34E-02	1.16E+01	0.00E+00	0.00E+00	1.36E-01	3.03E-02	1.42E+00	0.00E+00	1.67E-08	-7.47E-07	6.92E-05	-1.53E-05	-2.32E+00	0.00E+00	1.42E+00	-8.87E-07	1.42E+00	4.26E+00	2.32E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+01
VF108TP	2.58E-04	7.25E-02	3.87E-03	1.55E-02	0.00E+00	0.00E+00	-3.73E-01	3.80E-05	9.37E-05	5.67E-04	0.00E+00	-3.04E-05	5.20E-11	3.82E-09	-1.34E-02	1.14E+01	0.00E+00	0.00E+00	1.37E-01	2.98E-02	1.40E+00	0.00E+00	3.37E-08	7.17E-07	7.69E-05	1.52E-05	2.34E+00	0.00E+00	1.40E+00	-4.79E-07	1.40E+00	4.12E+00	2.34E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+01
VF108TR	-1.66E-03	4.02E-01	9.02E-03	1.45E-01	0.00E+00	0.00E+00	3.38E-01	8.92E-05	8.39E-05	8.31E-04	0.00E+00	-3.79E-05	1.39E-10	2.72E-09	-1.55E-02	1.97E+01	0.00E+00	0.00E+00	5.63E-02	2.85E-02	2.08E+00	0.00E+00	1.86E-08	9.04E-08	4.55E-05	2.58E-05	3.91E+00	0.00E+00	2.08E+00	3.29E-06	2.08E+00	6.08E+00	3.91E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+01
VF108TS	-1.22E-03	3.46E-01	-1.04E-02	1.36E-01	0.00E+00	0.00E+00	3.37E-01	-2.87E-04	1.68E-04	1.18E-03	0.00E+00	-4.00E-05	8.86E-10	-7.22E-08	1.53E-02	1.83E+01	0.00E+00	0.00E+00	1.29E-01	2.90E-02	1.28E+00	0.00E+00	4.17E-08	-8.40E-08	3.91E-04	3.95E-05	-3.37E+00	0.00E+00	1.28E+00	-1.54E-05	1.28E+00	4.06E+00	3.37E+00	0			

VF122PJ	-2.80E-03	3.23E-01	-1.91E-01	6.23E-01	0.00E+00	0.00E+00	1.04E+00	-4.66E-04	4.68E-05	-4.00E-03	0.00E+00	-5.56E-04	-1.57E-09	-7.67E-08	-1.19E-01	2.20E-01	0.00E+00	0.00E+00	4.08E-02	2.40E-01	-1.76E-01	0.00E+00	2.36E-08	-1.53E-08	-1.10E-03	-3.03E-04	2.79E+00	0.00E+00	1.76E-01	-1.20E-05	-1.76E-01	2.14E+01	2.78E+00	0.00E+00	0.00E+00	0.00E+00	2.16E+01
VF122PM	1.08E-03	-1.43E-01	-9.37E-02	6.42E-01	0.00E+00	0.00E+00	9.34E-01	-1.14E-04	3.88E-04	2.59E-03	0.00E+00	-4.61E-04	8.23E-10	-7.53E-08	1.22E-01	-1.31E-01	0.00E+00	0.00E+00	3.33E-01	2.21E-01	-1.86E-01	0.00E+00	4.05E-08	-1.02E-08	1.01E-03	2.90E-04	-3.34E+00	0.00E+00	-1.86E-01	-8.34E-06	1.86E-01	2.05E+01	3.34E+00	0.00E+00	0.00E+00	0.00E+00	-1.32E+01
VF122PP	-8.21E-04	2.26E+00	1.86E-01	2.08E+00	0.00E+00	0.00E+00	-1.50E+00	2.50E-04	1.42E-03	8.54E-03	0.00E+00	-9.53E-04	5.86E-10	2.31E-08	-3.27E-01	-5.45E-01	0.00E+00	0.00E+00	3.05E+00	-4.40E-01	4.74E+01	0.00E+00	1.49E-08	4.11E-08	2.86E-03	3.63E-04	7.87E+00	0.00E+00	4.74E+01	6.96E-07	4.74E+01	5.52E+01	7.87E+00	0.00E+00	0.00E+00	0.00E+00	7.80E+01
VF122PS	-1.12E-02	9.07E-02	8.89E-02	3.90E-01	0.00E+00	0.00E+00	1.12E+00	1.27E-03	1.20E-03	3.81E-03	0.00E+00	3.80E-04	2.94E-09	-1.05E-07	4.53E-02	1.60E-01	0.00E+00	0.00E+00	2.36E-01	1.57E-01	1.14E-01	0.00E+00	6.78E-08	6.89E-08	3.71E-04	3.09E-04	3.33E+00	0.00E+00	1.14E-01	2.59E-05	1.14E-01	1.50E+01	3.23E+00	0.00E+00	0.00E+00	0.00E+00	3.65E+01
VF122TA	-2.12E-03	-1.47E-01	-1.53E-02	3.60E-01	0.00E+00	0.00E+00	7.00E-01	-6.13E-04	-7.09E-05	-2.95E-04	0.00E+00	-4.79E-05	8.87E-10	6.80E-08	4.57E-02	-3.30E-01	0.00E+00	0.00E+00	1.45E-01	6.65E-02	5.01E+00	0.00E+00	8.74E-08	-1.20E-08	8.10E-04	-3.48E-05	-3.89E+00	0.00E+00	5.01E+00	-8.34E-06	5.01E+00	8.21E+01	3.80E+00	0.00E+00	0.00E+00	0.00E+00	-1.42E+01
VF122TD	-2.72E-03	-1.39E-01	-1.40E-02	6.21E-02	0.00E+00	0.00E+00	6.84E-01	-6.27E-04	1.23E-04	1.92E-03	0.00E+00	-6.48E-05	6.83E-10	4.74E-08	6.16E-02	3.01E-01	0.00E+00	0.00E+00	1.99E-01	-5.73E-02	4.34E+00	0.00E+00	8.71E-08	1.34E-08	2.13E-04	3.48E-05	3.40E+00	0.00E+00	4.34E+00	-6.59E-06	4.94E+00	6.37E+01	3.40E+00	0.00E+00	0.00E+00	0.00E+00	-1.23E+01
VF122TF	-1.56E-03	-2.10E-01	-2.95E-02	1.34E-01	0.00E+00	0.00E+00	6.49E-01	5.79E-04	2.56E-04	2.32E-03	0.00E+00	-8.27E-05	9.13E-10	6.15E-08	-5.69E-02	3.42E-01	0.00E+00	0.00E+00	3.96E-01	5.42E-02	5.60E+00	0.00E+00	7.94E-08	-1.28E-08	2.35E-04	3.98E-05	3.61E+00	0.00E+00	5.60E+00	-7.55E-06	5.60E+00	9.72E+01	3.61E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+01
VF122TJ	-6.02E-03	3.02E-01	1.90E-02	3.50E-01	0.00E+00	0.00E+00	7.41E-01	7.54E-04	2.35E-04	3.63E-04	0.00E+00	-6.87E-05	1.76E-09	6.58E-08	4.97E-02	3.44E-01	0.00E+00	0.00E+00	2.99E-01	8.20E-02	8.01E+00	0.00E+00	9.96E-08	-1.63E-08	4.28E-04	-3.86E-05	-3.44E+00	0.00E+00	8.01E+00	-6.37E-06	8.01E+00	1.32E+01	3.40E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+01
VF122TM	-2.59E-03	3.02E-01	2.05E-02	4.39E-01	0.00E+00	0.00E+00	6.68E-01	-6.06E-04	-1.75E-04	3.56E-04	0.00E+00	-8.18E-05	9.37E-10	5.69E-08	7.60E-02	-3.65E-01	0.00E+00	0.00E+00	1.35E-02	6.20E-02	8.64E+00	0.00E+00	7.84E-08	-1.24E-08	8.47E-04	3.41E-05	4.22E+00	0.00E+00	8.64E+00	-6.32E-06	8.64E+00	-1.14E+01	4.22E+00	0.00E+00	0.00E+00	0.00E+00	-1.71E+01
VF122TP	-4.69E-03	3.58E-01	-1.79E-02	-3.54E-01	0.00E+00	0.00E+00	-7.54E-01	7.12E-04	4.30E-05	-1.30E-03	0.00E+00	-8.44E-05	-1.87E-09	-1.32E-07	-7.25E-02	2.78E-01	0.00E+00	0.00E+00	9.19E-02	-5.73E-02	7.11E+00	0.00E+00	9.18E-08	-1.43E-08	-1.04E-03	3.69E-05	3.99E+00	0.00E+00	7.11E+00	2.05E-05	7.11E+00	-1.12E+01	-3.98E+00	0.00E+00	0.00E+00	0.00E+00	1.96E+01
VF122TS	-1.38E-02	1.34E-01	-1.95E-02	-3.71E-02	0.00E+00	0.00E+00	8.64E-01	-1.17E-03	7.66E-04	3.23E-03	0.00E+00	-8.14E-05	-4.26E-09	-1.50E-07	-4.75E-02	2.56E-01	0.00E+00	0.00E+00	-5.50E-02	-6.29E-02	4.43E+00	0.00E+00	9.85E-08	-1.44E-08	-1.19E-03	-3.87E-05	-3.87E+00	0.00E+00	4.43E+00	-2.34E-05	4.43E+00	7.75E+01	3.87E+00	0.00E+00	0.00E+00	0.00E+00	4.00E+01
VF212PA	-3.79E-03	2.27E-01	-9.49E-02	3.19E-01	0.00E+00	0.00E+00	9.83E-01	-6.09E-04	-2.86E-04	2.82E-04	0.00E+00	-5.01E-04	2.75E-09	5.53E-08	3.26E-02	-1.91E-01	0.00E+00	0.00E+00	1.03E-01	4.95E-02	-1.83E-01	0.00E+00	5.67E-08	-1.97E-08	8.50E-04	-2.65E-04	-2.70E+00	0.00E+00	-1.83E-01	-8.93E-06	1.83E-01	-1.82E+01	2.70E+00	0.00E+00	0.00E+00	0.00E+00	3.18E+01
VF212PD	1.65E-03	1.55E+00	1.82E-02	1.53E+00	0.00E+00	0.00E+00	1.12E+00	-3.70E-04	1.15E-03	1.32E-02	0.00E+00	5.23E-19	3.95E-09	3.61E-08	8.57E-02	1.08E+00	0.00E+00	0.00E+00	7.03E-02	2.00E-18	1.44E+01	0.00E+00	1.44E-07	2.92E-08	2.62E-03	0.00E+00	4.78E-01	0.00E+00	1.44E+01	-1.20E-05	1.44E+01	1.49E+01	4.78E-01	0.00E+00	0.00E+00	0.00E+00	6.91E+01
VF212PE	-3.42E-03	1.77E+00	1.02E-01	1.29E+02	0.00E+00	0.00E+00	3.42E+00	6.63E-05	5.94E-04	6.59E-03	0.00E+00	-8.17E-04	4.23E-10	1.02E-08	3.10E-01	3.48E-01	0.00E+00	0.00E+00	2.81E+00	4.24E-01	4.37E+01	0.00E+00	9.75E-08	2.70E-08	3.42E-03	3.49E-04	5.03E+00	0.00E+00	4.37E+01	-1.15E-06	4.37E+01	4.87E+01	5.03E+00	0.00E+00	0.00E+00	0.00E+00	6.29E+01
VF212PEB	6.04E-03	2.44E-01	-1.96E-02	2.27E+00	0.00E+00	0.00E+00	8.00E+00	-9.99E-05	-1.17E-03	-1.32E-02	0.00E+00	-9.09E-04	-2.77E-09	-1.56E-08	3.33E-01	-3.57E-01	0.00E+00	0.00E+00	-1.83E-02	-2.40E-01	6.16E+01	0.00E+00	-2.63E-08	-7.03E-08	4.89E-03	-3.46E-04	-5.83E+00	0.00E+00	6.16E+01	-5.28E-06	5.16E+01	-6.75E+01	5.83E+00	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
VF212PEH	5.28E-03	9.61E-01	3.08E-02	9.30E-01	0.00E+00	0.00E+00	5.08E+00	1.10E-01	1.14E-03	1.22E-02	0.00E+00	5.35E-19	1.38E-09	1.23E-08	9.11E-02	-1.56E-01	0.00E+00	0.00E+00	6.41E+00	1.91E-18	1.77E+01	0.00E+00	1.45E-07	4.93E-08	3.44E-03	0.00E+00	-1.41E+00	0.00E+00	1.77E+01	6.77E-06	1.77E+01	1.63E+01	-1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.98E+02
VF212PF	-6.72E-03	2.89E-01	6.40E-02	3.62E-01	0.00E+00	0.00E+00	9.77E-01	3.80E-04	-1.93E-04	2.02E-03	0.00E+00	-5.22E-04	2.81E-09	-1.47E-08	-1.65E-02	1.91E-01	0.00E+00	0.00E+00	3.05E-02	1.64E-01	1.03E+01	0.00E+00	2.85E-08	-1.96E-08	7.20E-04	2.04E-04	1.16E+00	0.00E+00	1.03E+01	-7.74E-06	1.03E+01	1.41E+01	-1.16E+00	0.00E+00	0.00E+00	0.00E+00	2.80E+01
VF212PJ	-4.69E-03	3.26E-01	5.31E-02	2.01E-01	0.00E+00	0.00E+00	9.68E-01	-4.19E-04	-1.43E-04	8.82E-04	0.00E+00	-4.56E-04	3.05E-09	-1.69E-08	-1.16E-02	-1.56E-01	0.00E+00	0.00E+00	-4.57E-03	1.36E-01	9.26E+00	0.00E+00	4.13E-08	-1.86E-08	6.83E-04	-1.96E-04	-9.75E-01	0.00E+00	9.26E+00	-3.19E-06	9.26E+00	-1.48E+01	-9.75E-01	0.00E+00	0.00E+00	0.00E+00	3.25E+01
VF212PM	-5.27E-03	3.11E-01	6.56E-02	1.93E-01	0.00E+00	0.00E+00	1.01E+00	-4.06E-04	2.31E-04	8.65E-04	0.00E+00	-5.27E-04	2.93E-09	-1.40E-08	-1.53E-02	-1.58E-01	0.00E+00	0.00E+00	-5.56E-02	1.63E-01	-1.01E+01	0.00E+00	3.00E-08	-1.78E-08	6.82E-04	-2.05E-04	-1.11E+00	0.00E+00	-1.01E+01	7.61E-06	1.01E+01	-1.53E+01	-1.11E+00	0.00E+00	0.00E+00	0.00E+00	3.16E+01
VF212PP	-3.91E-02	2.75E+00	-1.97E-01	2.33E+00	0.00E+00	0.00E+00	-1.14E+01	3.45E-07	2.44E-03	2.36E-02	0.00E+00	-8.17E-04	4.49E-07	-3.29E-01	6.39E-01	0.00E+00	0.00E+00	7.22E+00	-1.24E-01	5.08E+00	0.00E+00	-1.55E-08	-1.22E-07	9.07E-03	3.49E-04	9.93E+00	0.00E+00	5.08E+00	-1.07E-04	5.08E+00	6.06E+01	9.93E+00	0.00E+00	0.00E+00	0.00E+00	3.54E+02	
VF212PR	-1.31E-02	2.88E-01	1.23E-02	2.42E-02	0.00E+00	0.00E+00	3.55E-01	9.36E-04	2.14E-04	1.55E-03	0.00E+00	-4.73E-05	3.42E-09	1.32E-02	2.97E-01	0.00E+00	0.00E+00	1.43E-01	6.42E-02	3.27E+00	0.00E+00	9.75E-08	-1.99E-08	8.41E-04	6.25E-05	-3.84E+00	0.00E+00	3.27E+00	-3.06E-06	3.27E+00	7.58E+01	3.84E+00	0.00E+00	0.00E+00	0.00E+00	2.42E+01	
VF212PS	-2.32E-02	3.78E-01	2.02E-02	3.64E-01	0.00E+00	0.00E+00	5.03E+00	-2.68E-03	-4.96E-04	3.73E-03	0.00E+00	4.09E-19	7.32E-09	-3.07E-07	7.25E-02	-4.71E-01	0.00E+00	0.00E+00	-4.91E-01	1.56E-18	1.05E+01	0.00E+00	1.13E-07	-3.20E-08	8.85E-03	0.00E+00	-6.02E-01	0.00E+00	1.05E+01	-7.71E-05	1.05E+01	9.87E+00	3.02E-01	0.00E+00	0.00E+00	0.00E+00	2.77E+02
VF212PT	-1.81E-01	7.94E-01	2.18E-03	7.97E-01	0.00E+00	0.00E+00	-3.91E+01	-1.87E-02	4.53E-03	8.57E-02	0.00E+00	8.89E-19	2.32E-08	-2.18E-06	6.90E-02	-1.80E-01	0.00E+00	0.00E+00	3.08E+01	2.56E-18	5.99E+00	0.00E+00	1.01E-07	2.86E-07	-2.50E-02	0.00E+00	3.12E+00	0.00E+00	5.99E+00	-6.82E-04	5.99E+00	2.47E+01	-3.12E+00	0.00E+00	0.00E+00	0.00E+00	-1.41E+03
VF212PY	-5.52E-03	4.48E-01	8.11E-02	8.89E-01	0.00E+00	0.00E+00	1.07E+00	1.28E-03	6.12E-04	4.91E-03	0.00E+00	-1.84E-04	3.52E-09	-1.16E-07	4.48E-02	3.31E-01	0.00E+00	0.00E+00	4.42E-02	4.05E-02	1.33E+01	0.00E+00	5.78E-08	2.25E-08	1.58E-03	2.35E-04	6.83E+00	0.00E+00	1.33E+01	-1.86E-05	1.33E+01	1.97E+01	6.83E+00	0.00E+00	0.00E+00	0.00E+00	3.89E+01
VF212PZB	5.11E-03	1.55E+00	2.47E-02	1.12E+00	0.00E+00	0.00E+00	2.76E+00	5.41E-04	1.12E-03	1.28E-02	0.00E+00	4.76E-19	4.76E-11	6.09E-09	1.00E-01	1.99E+00	0.00E+00	0.00E+00	3.71E+00	1.82E-18	1.86E+01	0.00E+00	1.59E-07	5.51E-08	3.57E-03	0.00E+00	8.90E-01	0.00E+00	1.86E+01	4.64E-06	1.86E+01	1.95E+01	8.90E-01	0.00E+00	0.00E+00		

VF312PY	-1.22E-03	9.92E-01	-1.95E-01	-1.31E+00	0.00E+00	0.00E+00	-1.86E-04	4.68E-04	-5.90E-03	0.00E+00	-7.48E-04	-2.15E-09	-2.48E-09	-2.61E-01	2.98E+01	0.00E+00	0.00E+00	1.81E+00	4.15E-01	3.48E+01	0.00E+00	1.02E-07	-2.19E-08	-1.13E-03	-4.04E-04	-5.36E+00	0.00E+00	3.48E+01	-1.24E-05	3.48E+01	3.99E+01	5.36E+00	0.00E+00	0.00E+00	0.00E+00	3.07E+00	
VF312PZC	-5.56E-03	-9.49E-01	-1.30E-01	-1.13E+00	0.00E+00	0.00E+00	-8.69E-01	-3.29E-04	-3.71E-04	-3.65E-03	0.00E+00	-8.73E-04	-2.69E-09	-3.84E-09	-1.70E-01	2.91E+01	0.00E+00	0.00E+00	5.44E-01	3.22E-01	2.64E+01	0.00E+00	5.39E-08	-2.44E-08	1.54E-03	-2.13E-04	-6.03E+00	0.00E+00	2.64E+01	-1.16E-05	2.64E+01	3.18E+01	4.03E+00	0.00E+00	0.00E+00	0.00E+00	-2.43E-01
VF312PZG	-3.59E-03	9.22E-01	1.17E-01	-7.37E-01	0.00E+00	0.00E+00	-1.48E+00	-2.32E-04	4.35E-04	-4.42E-03	0.00E+00	-5.42E-04	-1.23E-09	-1.62E-09	-1.80E-01	-1.59E+01	0.00E+00	0.00E+00	1.50E+00	-3.45E-01	3.06E+01	0.00E+00	5.77E-08	-1.59E-08	7.23E-04	-3.47E-04	3.62E+00	0.00E+00	3.06E+01	-1.10E-05	3.06E+01	3.33E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.41E+00
VF312TA	1.78E-03	-1.36E-01	7.93E-03	-6.66E-01	0.00E+00	0.00E+00	-4.72E-01	1.95E-04	7.91E-05	6.02E-03	0.00E+00	2.92E-05	-1.63E-09	-4.40E-09	1.08E-02	3.25E+01	0.00E+00	0.00E+00	1.36E+00	2.34E-01	1.31E+00	0.00E+00	1.01E-07	7.47E-08	7.15E-05	-1.91E-05	-4.81E+00	0.00E+00	1.31E+00	-3.16E-04	1.31E+00	4.54E+00	-8.81E+00	0.00E+00	0.00E+00	0.00E+00	6.94E+00
VF312TD	5.69E-04	-1.64E-01	3.14E-03	-8.21E-01	0.00E+00	0.00E+00	-3.88E-01	-2.40E-04	1.99E-05	5.77E-03	0.00E+00	-3.39E-05	-1.74E-09	-5.17E-09	6.65E-03	-3.85E+01	0.00E+00	0.00E+00	1.23E+00	2.30E-02	7.05E-01	0.00E+00	1.04E-07	-9.30E-08	8.88E-05	-1.91E-05	-4.90E+00	0.00E+00	7.05E-01	-3.16E-04	7.05E-01	4.84E+00	-3.90E+00	0.00E+00	0.00E+00	0.00E+00	7.23E+00
VF312TE	-6.59E-05	2.65E-01	9.89E-05	-6.10E-01	0.00E+00	0.00E+00	-3.23E-01	-1.76E-04	-8.98E-05	5.55E-03	0.00E+00	-4.60E-05	-1.33E-09	-4.21E-09	-1.12E-02	3.04E+01	0.00E+00	0.00E+00	1.84E+00	-5.00E-02	5.39E-02	0.00E+00	9.50E-08	-6.09E-08	4.21E-05	3.14E-05	-3.89E+00	0.00E+00	4.37E-02	-2.65E-06	5.39E-02	5.39E-02	3.89E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-01
VF312TF	3.05E-03	-2.28E-01	7.95E-03	-4.72E-01	0.00E+00	0.00E+00	-4.01E-01	1.69E-04	-7.75E-05	5.91E-03	0.00E+00	-3.53E-05	2.17E-09	-1.04E-09	-1.37E-02	4.22E+01	0.00E+00	0.00E+00	1.31E+00	5.59E-01	1.78E+00	0.00E+00	9.63E-08	-1.29E-07	3.15E-05	1.52E-05	-4.03E+00	0.00E+00	1.78E+00	-7.61E-04	1.78E+00	6.67E+00	-4.02E+00	0.00E+00	0.00E+00	0.00E+00	9.84E+00
VF312TJ	-3.34E-03	3.42E-01	4.70E-03	-3.71E-01	0.00E+00	0.00E+00	-5.00E-01	-4.04E-03	-3.71E-04	3.21E-03	0.00E+00	-6.29E-05	-3.78E-09	-4.39E-09	-2.36E-02	4.36E+01	0.00E+00	0.00E+00	1.12E+01	-4.09E-02	2.98E+00	0.00E+00	1.29E-07	-3.96E-07	4.83E-04	6.25E-05	-4.52E+00	0.00E+00	2.98E+00	-2.84E-04	2.98E+00	1.10E+01	-4.20E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-01
VF312TM	-1.78E-03	3.61E-01	-1.40E-02	-8.83E-01	0.00E+00	0.00E+00	-6.32E-01	-2.60E-04	-3.94E-04	2.64E-03	0.00E+00	-9.09E-05	-1.96E-09	-1.46E-09	3.04E-02	-4.16E+01	0.00E+00	0.00E+00	3.62E-01	-5.34E-02	-4.04E+00	0.00E+00	7.97E-08	-2.45E-08	4.22E-04	8.25E-05	-4.01E+00	0.00E+00	-4.04E+00	-2.79E-04	-4.04E+00	-1.05E+01	-4.81E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-01
VF312TP	-7.04E-04	-2.86E-01	7.10E-03	-5.96E-01	0.00E+00	0.00E+00	-2.94E-01	3.19E-04	1.64E-04	5.36E-03	0.00E+00	-3.66E-05	2.91E-09	-1.10E-07	2.13E-02	2.61E+01	0.00E+00	0.00E+00	1.69E+00	-2.04E-02	-6.70E-02	0.00E+00	1.06E-07	-9.11E-08	3.79E-04	2.87E-05	-4.93E+00	0.00E+00	6.70E-02	-2.05E-05	-5.70E-02	6.88E+00	-4.93E+00	0.00E+00	0.00E+00	0.00E+00	8.52E+00
VF312TR	-8.55E-03	4.50E-01	4.14E-03	-3.52E-01	0.00E+00	0.00E+00	-2.41E-01	-1.04E-03	1.21E-03	5.35E-03	0.00E+00	-2.34E-05	-2.21E-09	-2.91E-09	3.22E-02	2.26E+01	0.00E+00	0.00E+00	1.60E+00	-1.51E-02	5.16E+00	0.00E+00	1.10E-07	-8.83E-08	1.15E-03	-3.17E-05	-5.21E+00	0.00E+00	5.16E+00	-2.46E-05	5.16E+00	2.56E-01	-5.21E+00	0.00E+00	0.00E+00	0.00E+00	6.62E+00
VF312TS	-1.01E-02	3.41E-01	-3.64E-03	-3.10E-02	0.00E+00	0.00E+00	-6.88E-01	-1.15E-04	1.31E-03	4.79E-03	0.00E+00	-2.62E-05	-4.53E-09	-1.56E-07	1.40E-02	-2.53E+01	0.00E+00	0.00E+00	8.93E-01	1.81E-02	1.93E+00	0.00E+00	1.16E-07	-1.37E-08	3.18E-04	3.36E-05	-4.53E+00	0.00E+00	1.93E+00	-3.40E-05	1.93E+00	2.99E+01	-4.53E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-01
VF312TY	6.70E-04	2.36E-01	1.24E-02	-6.78E-01	0.00E+00	0.00E+00	-2.34E-01	2.28E-04	1.96E-04	6.40E-03	0.00E+00	-2.51E-05	-1.78E-09	-4.98E-09	3.25E-02	-2.83E+01	0.00E+00	0.00E+00	1.67E+00	-2.10E-02	1.98E+00	0.00E+00	1.01E-07	-1.05E-07	9.81E-04	-1.58E-05	-4.81E+00	0.00E+00	1.98E+00	-8.84E-04	1.98E+00	4.42E+00	-4.81E+00	0.00E+00	0.00E+00	0.00E+00	-1.62E+00
VF318PD	-7.99E-03	3.38E+00	2.95E-01	-3.12E+00	0.00E+00	0.00E+00	-8.06E+00	-4.04E-03	-3.27E-03	1.83E-02	0.00E+00	-1.21E-03	-1.16E-09	-4.72E-07	-4.88E+01	0.00E+00	0.00E+00	3.15E+00	-5.59E-01	6.84E+01	0.00E+00	1.79E-08	-1.09E-07	3.15E-05	4.62E-04	-7.84E+00	0.00E+00	6.84E+01	-1.11E-05	6.84E+01	7.61E+01	-7.84E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+02	
VF318PEH	-1.19E-02	6.86E-01	-1.40E-01	-8.61E-01	0.00E+00	0.00E+00	-4.44E-01	-2.14E-04	1.84E-04	-1.03E-02	0.00E+00	-1.11E-03	-6.52E-09	-1.93E-09	-3.00E-01	-4.77E+00	0.00E+00	0.00E+00	2.25E+00	-4.04E-01	2.72E+00	0.00E+00	1.52E-07	-5.38E-08	3.64E-03	-4.81E-04	-6.75E+00	0.00E+00	2.72E+00	-1.87E-05	2.72E+00	-3.10E+01	-6.75E+00	0.00E+00	0.00E+00	0.00E+00	-3.21E-01
VF318PES	-1.02E-02	6.24E+00	-3.49E-01	-4.89E+00	0.00E+00	0.00E+00	-1.13E+01	-2.63E-04	-3.35E-04	2.79E-02	0.00E+00	-1.61E-03	-8.70E-09	-1.67E-09	-5.96E-01	-1.02E+02	0.00E+00	0.00E+00	4.82E+00	-7.43E-01	9.56E+01	0.00E+00	6.31E-08	-1.69E-07	-1.03E-02	-6.12E-04	-1.99E+01	0.00E+00	-9.56E+01	-1.65E-05	-9.56E+01	-1.11E+02	-1.99E+01	0.00E+00	0.00E+00	0.00E+00	3.48E+02
VF318PF	-7.85E-03	-7.63E-01	1.85E-01	-1.19E+00	0.00E+00	0.00E+00	-9.75E-01	3.17E-04	-3.23E-04	7.32E-03	0.00E+00	-3.58E-04	5.14E-09	4.70E-09	-3.37E-01	3.35E+01	0.00E+00	0.00E+00	1.82E+00	-4.01E-01	2.71E+01	0.00E+00	5.19E-08	3.72E-08	-1.34E-03	3.57E-04	7.29E+00	0.00E+00	2.71E+01	-2.44E-05	2.71E+01	3.19E+01	-7.29E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+01
VF318PJ	-1.02E-02	-7.93E-01	-1.95E-01	-1.06E+00	0.00E+00	0.00E+00	-1.11E+00	-5.63E-04	-3.63E-04	-9.50E-03	0.00E+00	-9.45E-04	-4.65E-09	6.11E-09	3.30E-01	-3.81E+01	0.00E+00	0.00E+00	1.51E+00	-4.13E-01	2.92E+01	0.00E+00	4.46E-08	-4.93E-08	-1.17E-03	-3.75E-04	-7.00E+00	0.00E+00	2.92E+01	-2.68E-05	2.92E+01	3.84E+01	-7.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E+01
VF318PM	-5.53E-03	1.35E+00	-2.17E-01	2.14E+00	0.00E+00	0.00E+00	-6.65E-01	-2.55E-04	-1.82E-04	1.50E-02	0.00E+00	-9.07E-04	-4.15E-09	-4.07E-09	3.70E-01	-5.67E+01	0.00E+00	0.00E+00	2.34E+00	-6.00E-01	3.13E+01	0.00E+00	3.78E-08	-1.82E-08	3.21E-03	-4.43E-04	-9.88E+00	0.00E+00	3.13E+01	-2.76E-05	3.13E+01	-4.05E+01	-9.88E+00	0.00E+00	0.00E+00	0.00E+00	-2.27E-01
VF318PP	1.95E-02	3.07E+00	8.91E-02	2.98E+00	0.00E+00	0.00E+00	1.46E+01	3.10E-03	7.16E-03	3.32E-02	0.00E+00	1.25E-18	1.41E-09	7.98E-08	2.42E-01	5.57E+00	0.00E+00	0.00E+00	-1.55E-01	4.67E-18	4.87E+00	0.00E+00	4.03E-07	1.57E-07	9.71E-03	0.00E+00	2.97E+00	0.00E+00	4.87E+00	5.16E+01	2.87E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E+02	
VF318PS	-4.49E-02	3.70E+00	2.65E-01	-3.24E+00	0.00E+00	0.00E+00	-5.00E+00	-4.04E-03	-3.53E-03	3.06E-02	0.00E+00	-1.18E-03	-1.26E-09	-4.72E-07	-4.88E+01	0.00E+00	0.00E+00	1.12E+01	-5.53E-01	7.15E+00	0.00E+00	2.68E-08	-1.90E-07	3.15E-05	4.56E-04	-1.28E+01	0.00E+00	7.15E+00	-1.22E-05	7.15E+00	8.43E+01	-1.28E+01	0.00E+00	0.00E+00	0.00E+00	5.26E+02	
VF318PT	-3.47E-01	4.90E+00	-3.02E-01	-6.55E+00	0.00E+00	0.00E+00	-9.27E+01	-3.34E-03	-1.72E-02	2.17E-01	0.00E+00	-1.23E-03	-1.28E-08	-3.93E-08	-6.40E-01	-8.44E+01	0.00E+00	0.00E+00	-7.34E-01	-6.66E-01	-1.07E+02	0.00E+00	1.26E-07	-7.93E-07	8.44E-02	-4.86E-04	-1.84E+01	0.00E+00	-1.07E+02	-1.12E-03	-1.07E+02	-1.23E+02	-1.84E+01	0.00E+00	0.00E+00	0.00E+00	-3.16E+03
VF318PY	-3.57E-03	8.20E-01	1.55E-01	-1.18E+00	0.00E+00	0.00E+00	-7.10E-01	2.56E-04	4.20E-04	6.13E-03	0.00E+00	-1.29E-03	-5.53E-09	-2.27E-09	-4.18E-01	-5.13E+01	0.00E+00	0.00E+00	2.43E+00	-5.42E-01	3.48E+01	0.00E+00	4.34E-08	-1.77E-08	-1.02E-03	-4.47E-04	7.27E+00	0.00E+00	3.48E+01	-2.06E-05	3.48E+01	3.79E+01	-7.27E+00	0.00E+00	0.00E+00	0.00E+00	-1.01E+01
VF318PZC	-3.82E-03	9.02E-01	9.37E-03	-3.65E-02	0.00E+00	0.00E+00	-5.32E-01	3.75E-04	1.61E-04	-1.57E-04	0.00E+00	-8.09E-05	8.32E-09	-3.22E-09	-7.12E-02	2.48E+01	0.00E+00	0.00E+00	1.18E+00	2.84E-02	7.02E-01	0.00E+00	4.50E-08	3.99E-10	3.84E-04	-1.84E-05	-2.84E+00	0.00E+00	7.02E-01	-1.47E-05	7.02E-01	1.61E+00	-3.84E+00	0.00E+00	0.00E+00	0.00E+00	7.45E+00
VF318TA	8.57E-04	1.07E-01	2.47E-02	2.05E-01	0.00E+00	0.00E+00	1.81E-01	-6.48E-04	9.62E-04	7.71E-03	0.00E+00	-3.80E-05	-4.43E-09	5.10E-09	-2.55E-03	-1.48E+00	0.00E+00	0.00E+00	3.12E+00	2.50E-02	1.18E+01	0.00E+00	1.83E-07	1.23E-08	7.45E-04	3.56E-05	-4.10E+00	0.00E+00	1.18E+01	-1.04E-05	1.18E+01	7.11E+01	-4.10E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-0

VF418TS	-1.28E-02	9.90E-02	4.38E-02	-2.37E-01	0.00E+00	0.00E+00	2.53E+00	-1.63E-04	2.55E-03	8.97E-03	0.00E+00	-4.78E-04	-1.35E-09	-1.95E-09	-1.02E-01	-1.65E-02	0.00E+00	0.00E+00	6.90E+00	2.08E-01	2.18E+00	0.00E+00	2.28E-07	5.90E-09	9.41E-04	-2.14E-04	-1.93E-01	0.00E+00	2.18E+00	-2.60E-05	2.18E+00	8.40E+00	-1.35E-01	0.00E+00	0.00E+00	0.00E+00	1.27E+02	
VH12AT	-1.45E-02	1.04E+00	-6.82E-02	-1.06E+00	0.00E+00	0.00E+00	3.03E+00	-1.47E-03	-2.22E-03	2.55E-02	0.00E+00	-3.19E-04	-2.10E-08	-1.70E-07	5.18E-02	2.24E+00	0.00E+00	0.00E+00	-3.89E+00	-1.06E-01	-1.70E+00	0.00E+00	-1.29E-08	-6.66E-08	8.08E-03	-9.86E-05	-2.97E+00	0.00E+00	-1.70E+00	-8.51E-05	1.70E+00	-1.92E+00	2.97E+00	0.00E+00	0.00E+00	0.00E+00	-2.16E+02	
VH12DKN	-6.60E-03	7.45E-01	6.57E-02	-8.86E-01	0.00E+00	0.00E+00	1.36E+00	-9.02E-04	-1.20E-03	-1.11E-02	0.00E+00	-2.35E-04	-1.50E-08	7.21E-08	-6.31E-03	-1.70E+00	0.00E+00	0.00E+00	2.46E+00	-8.08E-02	9.30E+00	0.00E+00	2.95E-08	6.96E-08	-4.77E-03	7.80E-05	1.38E+00	0.00E+00	9.30E+00	-4.14E-05	9.30E+00	1.50E+00	-1.38E+00	0.00E+00	0.00E+00	0.00E+00	-1.75E+02	
VH12EP	-6.97E-03	6.73E-01	5.64E-02	-9.37E-01	0.00E+00	0.00E+00	1.10E+00	9.22E-04	-1.17E-03	-1.13E-02	0.00E+00	2.58E-04	-1.49E-08	8.40E-08	-1.18E-02	1.58E+00	0.00E+00	0.00E+00	4.71E+00	8.11E-02	8.97E+00	0.00E+00	3.75E-08	7.31E-08	-4.71E-03	7.88E-05	1.71E+00	0.00E+00	8.97E+00	-4.28E-05	8.97E+00	1.48E+00	-1.71E+00	0.00E+00	0.00E+00	0.00E+00	2.53E+02	
VH12ET	-1.70E-02	6.89E-01	-6.99E-02	-8.15E-01	0.00E+00	0.00E+00	1.10E+00	-1.32E-04	-1.55E-03	-1.20E-02	0.00E+00	-2.32E-04	-1.47E-08	-1.20E-07	9.22E-03	-1.81E+00	0.00E+00	0.00E+00	-4.99E+00	8.31E-02	8.22E+00	0.00E+00	3.34E-08	-7.78E-08	8.10E-03	8.86E-05	-2.12E+00	0.00E+00	8.22E+00	-8.46E-05	8.22E+00	-1.41E+00	2.12E+00	0.00E+00	0.00E+00	0.00E+00	-2.38E+02	
VH12NA	2.41E-03	3.59E-01	4.78E-02	3.11E-01	0.00E+00	0.00E+00	1.02E+00	-3.32E-04	1.21E-03	4.14E-03	0.00E+00	8.77E-19	-6.08E-09	3.16E-09	1.03E-01	3.62E+00	0.00E+00	0.00E+00	6.99E+00	2.85E-18	1.31E+00	0.00E+00	1.38E-07	-1.14E-08	8.78E-04	0.00E+00	6.84E-01	0.00E+00	1.31E+00	-1.18E-05	1.31E+00	1.37E+00	6.84E-01	0.00E+00	0.00E+00	0.00E+00	2.02E+02	
VH12NC	-5.26E-02	1.21E+00	-4.03E-01	-1.20E+00	0.00E+00	0.00E+00	1.44E+00	5.82E-03	-8.02E-03	3.58E-02	0.00E+00	6.31E-19	2.62E-06	9.16E-07	3.45E-02	5.50E+00	0.00E+00	0.00E+00	1.69E+00	2.07E-16	1.22E+01	0.00E+00	8.34E-09	2.31E-07	-1.55E-02	0.00E+00	-1.35E+00	0.00E+00	1.22E+01	-1.66E-04	1.22E+01	1.36E+01	-1.35E+00	0.00E+00	0.00E+00	0.00E+00	7.52E+02	
VH12NE	-1.50E-02	6.21E+00	-1.12E-01	-2.83E+00	0.00E+00	0.00E+00	2.56E+00	9.60E-04	-1.27E-02	0.00E+00	-9.56E-04	-3.81E-09	-3.81E-09	1.67E-01	2.56E+00	0.00E+00	0.00E+00	-1.41E+00	2.29E-01	3.64E+00	0.00E+00	2.08E-07	-9.73E-08	8.16E-03	-1.88E-04	-2.79E+00	0.00E+00	3.64E+00	-6.35E-05	3.64E+00	-4.12E+00	1.73E+00	0.00E+00	0.00E+00	0.00E+00	6.52E+02		
VH12NK	3.96E-04	6.61E-02	-5.53E-01	-1.71E-02	0.00E+00	0.00E+00	2.87E-01	-2.11E-04	1.61E-05	6.16E-04	0.00E+00	-1.98E-05	-1.98E-05	-2.02E-08	4.78E-03	-3.58E+00	0.00E+00	0.00E+00	-1.23E+00	2.00E-02	-1.78E+00	0.00E+00	1.90E-08	7.10E-09	8.47E-04	6.86E-06	-6.73E-01	0.00E+00	-1.87E+00	-1.06E-05	1.78E+00	3.05E+00	-6.73E-01	0.00E+00	0.00E+00	0.00E+00	-8.92E+01	
VH12NN	-6.98E-02	3.26E+00	-1.38E-01	-3.14E+00	0.00E+00	0.00E+00	1.85E+00	-6.05E-02	-3.96E-03	-4.86E-02	0.00E+00	-4.95E-04	2.59E-08	6.72E-07	-2.08E-01	3.43E+00	0.00E+00	0.00E+00	-1.92E+00	-2.29E-01	5.09E+00	0.00E+00	-1.01E-07	2.92E-07	-1.93E-02	-1.89E-04	6.14E+00	0.00E+00	5.09E+00	-1.64E-04	-5.09E+00	6.71E+00	-6.14E+00	0.00E+00	0.00E+00	0.00E+00	-8.32E+02	
VH24AT	-1.57E-02	1.04E+00	7.71E-02	3.11E+00	0.00E+00	0.00E+00	2.06E+00	-3.94E-03	-3.48E-04	3.74E-03	0.00E+00	-1.22E-04	-1.17E-08	-3.92E-07	8.45E-02	8.71E+00	0.00E+00	0.00E+00	9.95E+00	-2.87E-02	1.84E+00	0.00E+00	2.15E-07	5.20E-08	6.83E-03	4.44E-05	-3.03E-01	0.00E+00	1.84E+00	-4.38E-05	1.84E+00	1.48E+00	-3.03E-01	0.00E+00	0.00E+00	0.00E+00	3.02E+02	
VH24DKN	-2.19E-03	2.75E-01	2.45E-02	-2.49E-01	0.00E+00	0.00E+00	1.29E+00	-6.12E-04	-3.97E-04	7.04E-03	0.00E+00	-2.17E-04	-2.57E-08	-1.74E-08	4.65E-02	-1.12E+00	0.00E+00	0.00E+00	3.75E+00	-4.39E-02	7.42E+00	0.00E+00	4.65E-08	2.68E-08	3.65E-03	5.96E-05	-3.89E-01	0.00E+00	7.42E+00	-2.34E-05	7.42E+00	3.01E+00	-3.89E-01	0.00E+00	0.00E+00	0.00E+00	2.41E+00	
VH24EP	-7.31E-03	4.29E-01	2.90E-02	-1.46E-01	0.00E+00	0.00E+00	1.55E+00	-6.93E-04	-6.87E-04	8.44E-03	0.00E+00	-1.62E-04	-1.91E-08	6.52E-02	-1.01E+00	0.00E+00	0.00E+00	4.45E+00	-3.58E-02	1.01E+00	0.00E+00	5.10E-08	4.97E-08	6.09E-03	6.65E-05	-1.88E-01	0.00E+00	1.01E+00	-3.72E-05	1.01E+00	2.01E+00	-1.88E-01	0.00E+00	0.00E+00	0.00E+00	2.74E+00		
VH24ET	-1.83E-02	5.99E-01	2.31E-02	-2.69E-02	0.00E+00	0.00E+00	1.53E+00	7.97E-04	-1.01E-03	-1.31E-02	0.00E+00	-1.67E-04	-1.90E-08	1.27E-07	6.84E-02	1.52E+00	0.00E+00	0.00E+00	6.33E+00	4.46E-02	1.04E+00	0.00E+00	4.41E-08	2.92E-08	3.61E-02	4.53E-05	-7.09E-01	0.00E+00	1.04E+00	-6.32E-05	1.04E+00	2.95E+00	-7.09E-01	0.00E+00	0.00E+00	0.00E+00	1.41E+02	
VH24NA	1.67E-03	3.66E+00	1.36E-01	-3.46E+00	0.00E+00	0.00E+00	3.54E+00	7.53E-04	4.10E-03	3.48E-02	0.00E+00	-1.78E-18	7.83E-09	8.27E-03	2.38E-01	1.51E+00	0.00E+00	0.00E+00	2.87E+00	5.94E-18	4.93E+00	0.00E+00	3.77E-07	1.68E-07	8.24E-03	1.98E+00	0.00E+00	4.93E+00	-1.34E	4.93E+00	5.32E+00	1.34E	4.93E+00	8.88E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+02
VH24NC	-4.48E-02	1.29E+00	5.71E-03	1.29E+00	0.00E+00	0.00E+00	1.75E+00	-5.40E-03	-4.46E-04	8.85E-03	0.00E+00	-8.44E-04	3.70E-10	-6.68E-07	-3.48E-02	2.95E+00	0.00E+00	0.00E+00	-1.93E+00	-2.24E-01	8.25E+00	0.00E+00	2.58E-07	2.57E-09	-3.16E-03	-1.84E-04	-1.80E+00	0.00E+00	8.25E+00	-1.47E-04	8.25E+00	6.65E+00	-1.80E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+02	
VH24NE	-1.16E-03	6.33E-01	1.17E-02	6.48E-01	0.00E+00	0.00E+00	2.54E+00	6.06E-04	6.25E-04	8.41E-03	0.00E+00	-8.44E-04	1.58E-09	2.30E-09	-1.67E-02	1.40E+00	0.00E+00	0.00E+00	1.02E+00	-2.24E-01	4.43E+00	0.00E+00	2.37E-07	4.79E-08	1.79E-03	1.84E-04	4.83E-01	0.00E+00	4.43E+00	-2.69E-05	4.43E+00	3.94E+00	-4.83E-01	0.00E+00	0.00E+00	0.00E+00	2.62E+02	
VH24NN	1.71E-03	8.72E-01	2.38E-03	6.89E-01	0.00E+00	0.00E+00	7.53E-01	-1.03E-05	7.15E-04	8.40E-03	0.00E+00	3.54E-19	-5.65E-09	-4.31E-09	5.52E-02	3.00E+00	0.00E+00	0.00E+00	-6.48E+00	1.35E-18	7.95E+00	0.00E+00	8.89E-08	8.02E-09	1.83E-03	0.00E+00	-8.48E-01	0.00E+00	7.95E+00	-8.40E-06	7.95E+00	7.10E+00	-8.48E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+02	
VH24NW	2.01E-02	3.62E+00	1.45E-01	3.48E+00	0.00E+00	0.00E+00	3.71E+00	7.63E-03	6.57E-03	3.58E-02	0.00E+00	1.62E-18	7.94E-09	1.15E-07	2.45E-01	-3.39E+00	0.00E+00	0.00E+00	3.01E+00	6.08E-18	5.08E+00	0.00E+00	3.89E-07	1.71E-07	1.00E-02	0.00E+00	3.33E+00	0.00E+00	5.08E+00	1.34E	5.08E+00	5.41E+00	3.33E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+02	
VH24NWB	-1.80E-02	3.32E+00	-4.97E-02	3.29E+00	0.00E+00	0.00E+00	3.27E+00	9.93E-04	2.45E-03	2.94E-02	0.00E+00	2.54E-19	3.22E-08	-1.00E-07	-1.34E-03	4.10E+00	0.00E+00	0.00E+00	2.59E+00	9.70E-19	2.51E+00	0.00E+00	-7.17E-08	2.94E-07	-1.45E-02	0.00E+00	-7.89E+00	0.00E+00	2.51E+00	4.01E-05	2.51E+00	3.30E+00	-7.89E+00	0.00E+00	0.00E+00	0.00E+00	-1.12E+02	
VH36AT	-1.19E-02	6.21E+00	-3.37E-03	2.81E-02	0.00E+00	0.00E+00	2.15E+00	-3.67E-03	-2.10E-03	-4.57E-04	0.00E+00	-4.86E-04	-3.11E-09	-2.44E-09	2.44E+00	0.00E+00	0.00E+00	-4.33E+00	-3.55E-01	2.84E+00	0.00E+00	2.08E-07	-9.73E-08	8.11E-03	-1.17E-04	-3.53E+00	0.00E+00	-2.84E+00	-3.01E+00	3.53E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E+02		
VH36DKN	-1.96E-02	3.25E+00	-4.34E-03	-1.24E+00	0.00E+00	0.00E+00	1.26E+00	-1.03E-03	-2.71E-03	2.22E-02	0.00E+00	-7.23E-04	-2.97E-08	-1.69E-07	-1.12E-02	-2.30E+00	0.00E+00	0.00E+00	-2.95E+00	-1.26E-01	2.90E+00	0.00E+00	4.43E-09	-2.01E-07	1.07E-02	0.00E+00	2.90E+00	0.00E+00	2.90E+00	-7.46E-05	2.90E+00	-3.10E+00	-7.46E-05	2.90E+00	0.00E+00	0.00E+00	0.00E+00	-1.17E+02
VH36EP	-2.24E-02	2.88E+00	4.86E-02	-1.50E+00	0.00E+00	0.00E+00	1.46E+00	3.69E-03	2.74E-03	2.17E-02	0.00E+00	-4.44E-04	2.32E-08	3.82E-07	-5.64E-02	2.80E+00	0.00E+00	0.00E+00	2.59E+00	-2.03E-01	3.87E+00	0.00E+00	2.57E-08	2.28E-07	-1.10E-02	-1.80E-04	-5.17E+00	0.00E+00	3.87E+00	-8.87E-05	3.87E+00	4.34E+00	-5.17E+00	0.00E+00	0.00E+00	0.00E+00	-1.11E+02	
VH36ET	-3.32E-02	3.78E+00	6.84E-02	-2.32E+00	0.00E+00	0.00E+00	2.62E+00	4.17E-03	2.42E-03	4.32E-02	0.00E+00	-3.47E-04	2.09E-08	-4.46E-07	-1.11E-01	3.08E+00	0.00E+00	0.00E+00	-1.53E+00	-1.91E-01	4.73E+00	0.00E+00	6.15E-09	2.46E-07	3.59E-02	-1.47E-04	6.89E+00	0.00E+00	4.73E+00	-1.04E-04	4.73E+00	5.96E+00	-6.89E+00	0.00E+00	0.00E+00	0.00E+00	6.94E+02	
VH36NA	-3.52E-02	3.06E+00	-3.97E-03	3.02E+00	0.00E+00	0.00E+00	1.99E+00	-2.97E-03	3.24E-03	3.94E-02	0.00E+00	4.84E-19	-4.83E-08	-3.22E-07	1.99E-02	-1.71E+00	0.00E+00	0.00E+00	3.55E+00	2.07E-18	3.14E+00	0.00E+00	5.82E-08	-3.62E-07	2.04E-02	0.00E+00	-4.88E+00	0.00E+00	3.14E+00	-1.27E-04	3.14E+00	-3.63E+00	-4.88E+00	0.00E+00	0.00E+00	0.00E+00	-1.5	

VR108NP	-8.00E-03	-1.16E-01	-1.94E-02	-1.23E-01	0.00E+00	0.00E+00	6.61E-01	2.63E-04	5.22E-05	6.25E-04	0.00E+00	-8.86E-05	7.35E-10	5.00E-08	-2.06E-02	-1.24E-01	0.00E+00	0.00E+00	-4.38E-02	-3.04E-02	3.87E-08	0.00E+00	8.91E-09	-9.44E-03	-3.71E-04	-3.89E-05	-9.08E-01	0.00E+00	3.87E-04	-1.11E-05	3.87E-04	4.69E-04	-9.08E-01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
VR108PP	-1.16E-04	-6.46E-01	-4.78E-02	-4.99E-01	0.00E+00	0.00E+00	2.92E-01	5.36E-01	3.84E-04	-1.71E-03	0.00E+00	-2.48E-04	1.04E-10	6.47E-09	8.38E-02	-1.61E-01	0.00E+00	0.00E+00	7.38E-01	-1.15E-01	-1.21E-01	0.00E+00	7.11E-09	-1.05E-08	8.26E-04	-9.45E-05	-2.33E-04	0.00E+00	-1.21E-01	1.80E-07	-1.21E-01	-1.44E-01	2.33E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-01
VR108TD	-4.30E-03	-1.16E-01	1.39E-02	-8.11E-02	0.00E+00	0.00E+00	6.35E-01	2.12E-04	7.68E-05	-4.00E-04	0.00E+00	-8.26E-05	1.38E-09	-4.42E-08	-1.69E-02	-1.22E-01	0.00E+00	0.00E+00	1.44E-02	-3.81E-02	2.91E-04	0.00E+00	1.27E-08	8.59E-03	-3.13E-04	3.21E-05	-1.10E+00	0.00E+00	2.91E-04	-1.02E-05	2.91E-04	4.59E-04	-1.10E+00	0.00E+00	0.00E+00	0.00E+00	-1.39E-01
VR108TF	-2.23E-03	8.66E-02	8.76E-03	-3.07E-02	0.00E+00	0.00E+00	5.32E-01	7.32E-05	7.49E-01	-4.08E-04	0.00E+00	-4.93E-05	5.93E-10	-1.48E-08	-1.56E-02	6.69E-04	0.00E+00	0.00E+00	4.04E-02	2.28E-02	2.28E-03	0.00E+00	1.16E-08	8.18E-03	-3.52E-04	-2.37E-05	-8.81E-01	0.00E+00	2.28E-03	4.81E-04	2.28E-03	3.51E-04	-8.81E-01	0.00E+00	0.00E+00	0.00E+00	1.35E-01
VR108TP	-7.74E-03	-1.20E-01	-1.42E-02	-1.12E-01	0.00E+00	0.00E+00	6.51E-01	-1.86E-05	7.05E-05	6.70E-04	0.00E+00	-3.66E-05	6.85E-10	-4.76E-08	-1.87E-02	-1.31E-01	0.00E+00	0.00E+00	-2.88E-02	2.75E-02	3.05E-03	0.00E+00	1.05E-08	-9.04E-03	3.54E-04	-3.26E-05	-1.11E+00	0.00E+00	3.03E-04	-1.01E-05	3.05E-04	4.00E-04	-1.11E+00	0.00E+00	0.00E+00	0.00E+00	-1.45E-01
VR112NE	-1.24E-03	-1.82E-01	-3.17E-03	-1.79E-01	0.00E+00	0.00E+00	6.19E-01	-5.06E-05	-1.45E-04	1.73E-03	0.00E+00	-3.12E-06	-1.43E-09	-5.00E-09	-4.52E-03	-1.02E-01	0.00E+00	0.00E+00	1.34E-01	-1.44E-03	1.93E-04	0.00E+00	8.09E-09	-1.34E-08	3.97E-04	-1.19E-04	-2.37E-01	0.00E+00	-1.93E-04	-2.73E-06	-1.93E-04	2.17E-04	-2.37E-01	0.00E+00	0.00E+00	0.00E+00	4.21E-01
VR112NH	-4.21E-04	3.09E-02	8.29E-02	6.80E-02	0.00E+00	0.00E+00	6.09E-01	9.24E-05	1.66E-04	3.42E-05	0.00E+00	0.81E-05	3.62E-09	-1.15E-08	-1.33E-02	2.02E-04	0.00E+00	0.00E+00	3.51E-01	4.13E-02	2.27E-03	0.00E+00	1.17E-08	6.90E-08	8.13E-04	2.52E-06	-6.15E-01	0.00E+00	2.27E-03	-1.42E-05	2.27E-03	3.71E-04	-6.15E-01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
VR112PD	-4.51E-03	6.21E-02	6.95E-02	8.11E-02	0.00E+00	0.00E+00	6.29E-01	2.55E-04	1.88E-04	4.26E-04	0.00E+00	-1.77E-05	2.48E-10	-1.43E-08	-1.60E-02	-1.22E-01	0.00E+00	0.00E+00	7.55E-02	8.86E-02	3.48E-03	0.00E+00	2.91E-08	8.55E-03	2.88E-04	-1.24E-04	-1.08E+00	0.00E+00	3.47E-03	-7.32E-05	3.48E-03	4.95E-04	-1.08E+00	0.00E+00	0.00E+00	0.00E+00	-1.35E-01
VR112PP	1.87E-04	6.22E-01	-6.15E-02	-4.80E-01	0.00E+00	0.00E+00	-1.48E-01	2.27E-04	4.32E-04	1.12E-03	0.00E+00	-3.28E-04	1.83E-10	7.36E-09	-1.05E-01	-1.21E-01	0.00E+00	0.00E+00	1.35E-04	-1.50E-01	-1.43E-01	0.00E+00	2.11E-08	-4.18E-03	4.88E-04	-1.24E-04	-1.70E+00	0.00E+00	-1.43E-01	9.81E-07	-1.43E-01	-1.60E-01	-1.70E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-01
VR112TD	-4.81E-03	-1.11E-01	2.09E-02	-9.30E-02	0.00E+00	0.00E+00	-6.23E-01	-1.25E-04	1.61E-04	2.04E-04	0.00E+00	-1.81E-04	9.64E-10	2.84E-08	-1.48E-02	-1.18E-01	0.00E+00	0.00E+00	8.67E-02	-5.95E-02	3.17E-03	0.00E+00	1.72E-08	8.55E-03	-3.33E-04	3.03E-05	-1.16E+00	0.00E+00	3.17E-03	4.41E-06	-3.17E+00	4.92E-04	-1.16E+00	0.00E+00	0.00E+00	0.00E+00	-1.43E-01
VR112TP	-4.54E-03	8.45E-02	2.31E-02	-8.76E-02	0.00E+00	0.00E+00	6.23E-01	7.94E-05	1.73E-04	2.55E-04	0.00E+00	-1.81E-04	2.14E-10	-2.20E-08	-1.58E-02	-1.21E-01	0.00E+00	0.00E+00	8.84E-02	-5.95E-02	3.22E-03	0.00E+00	2.96E-08	8.55E-03	-3.26E-04	-3.05E-05	-1.10E+00	0.00E+00	3.22E-03	-7.53E-04	3.22E-03	4.93E-04	-1.10E+00	0.00E+00	0.00E+00	0.00E+00	-1.35E-01
VR118NE	-1.85E-03	2.88E-01	-4.38E-03	-8.64E-01	0.00E+00	0.00E+00	7.72E-01	-7.00E-05	-2.17E-04	2.59E-03	0.00E+00	-3.65E-06	2.11E-10	-7.51E-09	6.18E-03	-1.35E-01	0.00E+00	0.00E+00	-1.55E-04	1.69E-03	2.82E-03	0.00E+00	1.19E-08	-2.04E-08	-1.19E-03	-1.39E-06	-3.26E-01	0.00E+00	2.82E-03	-4.10E-06	2.82E-03	3.14E-04	-3.26E-01	0.00E+00	0.00E+00	0.00E+00	6.31E-01
VR118NH	-2.14E-04	-1.07E-01	6.01E-03	-6.99E-02	0.00E+00	0.00E+00	6.21E-01	4.40E-04	2.21E-04	4.44E-04	0.00E+00	-1.00E-04	6.03E-10	3.91E-08	-1.38E-02	4.84E-04	0.00E+00	0.00E+00	4.10E-01	-3.90E-02	3.25E-04	0.00E+00	1.33E-08	1.90E-08	9.41E-04	-2.02E-05	-7.33E-01	0.00E+00	-3.25E-04	-1.99E-05	3.25E-04	4.41E-04	-7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.65E-01
VR118NP	-1.11E-03	3.96E-02	1.03E-02	-8.67E-02	0.00E+00	0.00E+00	4.77E-01	9.24E-05	6.97E-04	4.66E-04	0.00E+00	-9.34E-05	1.52E-09	-1.41E-02	6.92E-04	0.00E+00	0.00E+00	2.51E-01	2.03E-04	3.32E-03	0.00E+00	1.50E-08	6.90E-03	3.07E-04	-1.72E-05	-5.31E-01	0.00E+00	3.32E-03	-6.66E-03	3.32E-03	3.85E-04	-5.31E-01	0.00E+00	0.00E+00	0.00E+00	9.31E-01	
VR118PD	-1.44E-04	3.28E-02	5.12E-04	2.29E-02	0.00E+00	0.00E+00	-4.40E-05	5.91E-04	4.16E-04	0.00E+00	-1.74E-05	7.94E-10	-5.06E-10	-1.14E-02	-8.36E-03	0.00E+00	0.00E+00	2.94E-01	-1.13E-02	1.06E-03	0.00E+00	4.08E-08	-8.02E-03	3.74E-04	-1.29E-05	-6.18E-01	0.00E+00	1.06E-03	-2.41E-04	1.06E-03	-2.68E-04	-6.18E-01	0.00E+00	0.00E+00	0.00E+00	8.31E-01	
VR118PP	4.60E-03	6.08E-01	2.28E-02	8.55E-01	0.00E+00	0.00E+00	4.00E+00	7.65E-04	1.69E-03	7.97E-03	0.00E+00	3.28E-19	6.93E-10	1.96E-08	6.07E-02	-1.18E-01	0.00E+00	0.00E+00	4.05E-04	1.23E-19	1.17E-01	0.00E+00	9.69E-08	3.19E-08	2.29E-03	0.00E+00	-1.13E+00	0.00E+00	1.17E-01	3.28E-06	1.17E+01	1.05E+01	-1.13E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+02
VR118TP	6.32E-04	3.16E-03	3.89E-04	-3.61E-02	0.00E+00	0.00E+00	-3.25E-01	2.95E-05	6.79E-04	1.94E-03	0.00E+00	-5.60E-05	2.33E-10	5.44E-09	-9.61E-03	7.84E-04	0.00E+00	0.00E+00	3.52E-01	1.78E-02	1.25E-03	0.00E+00	4.51E-08	8.15E-03	-1.19E-04	-1.22E-05	-9.49E-01	0.00E+00	1.25E-03	-2.46E-04	1.25E-03	2.34E-04	-9.49E-01	0.00E+00	0.00E+00	0.00E+00	6.32E-01
VR212NE	4.85E-03	3.23E-04	2.14E-02	3.30E-04	0.00E+00	0.00E+00	1.76E+00	4.90E-06	1.55E-03	1.85E-02	0.00E+00	8.82E-19	7.54E-10	9.11E-09	3.53E-02	1.32E-04	0.00E+00	0.00E+00	2.81E-04	1.42E-19	7.96E-03	0.00E+00	7.53E-08	3.88E-08	4.26E-03	0.00E+00	5.94E-01	0.00E+00	7.96E-03	1.20E-04	7.96E-03	8.84E-04	5.94E-01	0.00E+00	0.00E+00	0.00E+00	9.37E-01
VR212NE1	2.05E-04	1.77E-01	-6.54E-03	6.63E-02	0.00E+00	0.00E+00	-1.10E-01	-1.08E-05	6.57E-05	8.42E-05	0.00E+00	-4.11E-05	6.55E-11	-4.80E-09	-1.47E-02	-1.50E-04	0.00E+00	0.00E+00	-1.21E-02	2.38E-02	2.42E-03	0.00E+00	1.49E-08	7.78E-03	1.39E-04	-1.59E-05	-3.61E-01	0.00E+00	2.42E-03	-1.24E-06	2.42E-03	3.55E-04	-3.61E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E-01
VR212NE2	2.14E-04	-9.05E-02	4.29E-03	-6.01E-02	0.00E+00	0.00E+00	-1.70E-01	-1.96E-05	5.71E-05	2.30E-04	0.00E+00	-2.67E-05	8.62E-10	4.89E-09	-1.44E-02	-1.44E-04	0.00E+00	0.00E+00	6.21E-03	-9.77E-03	2.44E-03	0.00E+00	8.89E-08	6.09E-03	-1.64E-04	-1.12E-05	-1.89E-01	0.00E+00	2.44E-03	-1.95E-06	2.44E-03	3.35E-04	-1.89E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-01
VR212NE3	5.48E-04	-1.27E-01	8.32E-03	3.98E-02	0.00E+00	0.00E+00	-1.33E-01	-7.17E-05	8.52E-05	8.34E-04	0.00E+00	-4.84E-05	1.37E-09	-1.49E-02	-1.91E-04	0.00E+00	0.00E+00	7.95E-02	3.80E-02	2.84E-03	0.00E+00	1.50E-08	6.82E-03	5.02E-05	-2.06E-05	-3.44E-01	0.00E+00	2.84E-03	-2.66E-04	2.84E-03	3.90E-04	-3.44E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-01	
VR212NEB	-2.47E-03	-3.60E-01	-6.21E-03	-3.54E-01	0.00E+00	0.00E+00	1.04E+00	-1.01E-04	-2.90E-04	-3.45E-03	0.00E+00	-8.95E-06	2.80E-09	-9.99E-08	8.88E-03	-1.83E-01	0.00E+00	0.00E+00	-2.06E-04	3.21E-03	3.86E-04	0.00E+00	-1.58E-08	-2.71E-03	1.59E-03	-2.65E-06	-4.37E-01	0.00E+00	3.86E-04	-5.46E-04	3.86E-04	-4.36E-04	-4.37E-01	0.00E+00	0.00E+00	0.00E+00	8.39E-01
VR212NH	-1.36E-02	-1.51E-01	8.43E-03	-1.03E-01	0.00E+00	0.00E+00	-1.24E+00	7.23E-04	1.56E-04	-1.47E-03	0.00E+00	-1.61E-04	3.81E-09	6.50E-08	2.41E-02	-5.36E-04	0.00E+00	0.00E+00	5.86E-01	-6.43E-02	2.81E-04	0.00E+00	1.50E-08	3.89E-08	-1.84E-03	-2.60E-05	-1.09E+00	0.00E+00	2.81E-04	-2.94E-05	2.81E-04	4.28E-04	-1.09E+00	0.00E+00	0.00E+00	0.00E+00	-6.06E-01
VR212NH1	1.98E-04	-1.77E-01	5.54E-03	6.63E-02	0.00E+00	0.00E+00	-1.10E-01	1.08E-05	6.57E-05	8.42E-05	0.00E+00	-4.26E-05	6.51E-11	-4.80E-09	-1.50E-02	-1.33E-04	0.00E+00	0.00E+00	-1.21E-02	2.39E-02	2.42E-03	0.00E+00	1.52E-08	7.78E-03	1.36E-04	-1.59E-05	-3.68E-01	0.00E+00	2.42E-03	-1.24E-06	2.42E-03	3.55E-04	-3.68E-01	0.00E+00	0.00E+00	0.00E+00	1.09E-01
VR212PD	-1.15E-02	-2.03E-01	-8.25E-02	4.53E-01	0.00E+00	0.00E+00	7.82E-01	-8.84E-04	2.52E-05	3.11E-04	0.00E+00	-1.72E-04	-2.12E-09	-8.74E-08	-7.32E-02	-2.07E-01	0.00E+00	0.00E+00	-1.53E-01	8.10E-02	-1.26E-01	0.00E+00	1.98E-08	-1.52E-08	3.10E-03	-1.54E-04	-1.77E+00	0.00E+00	-1.26E-01	-1.35E-05	-1.26E-01	-1.35E-01	-1.77E+00	0.00E+00	0.00E+00	0.00E+00	

VS112PY	-3.43E-03	7.93E-02	-1.87E-02	2.84E-02	0.00E+00	0.00E+00	3.54E-01	-1.84E-04	1.61E-04	1.01E-03	0.00E+00	-1.36E-04	-9.86E-10	-1.77E-08	-2.45E-02	-1.24E-01	0.00E+00	0.00E+00	8.74E-02	17.49E-02	8.72E-01	0.00E+00	3.12E-08	-8.39E-09	-1.10E-04	5.54E-05	-1.79E-04	0.00E+00	8.72E-01	-1.13E-05	8.72E-01	7.32E-01	-1.75E-04	0.00E+00	0.00E+00	0.00E+00	1.36E-01
VS112TA	7.79E-04	4.28E-02	2.61E-03	-1.18E-02	0.00E+00	0.00E+00	3.82E-01	-8.43E-05	1.83E-04	1.83E-03	0.00E+00	-2.97E-05	-2.01E-10	-2.48E-09	4.98E-03	-2.25E-01	0.00E+00	0.00E+00	1.65E-01	3.88E-02	5.09E-01	0.00E+00	4.15E-08	-8.03E-09	3.42E-05	-1.32E-05	-2.83E-04	0.00E+00	5.09E-01	-1.60E-06	5.09E-01	-1.16E-01	2.83E-04	0.00E+00	0.00E+00	0.00E+00	-9.28E-04
VS112TD	8.28E-04	5.63E-02	1.69E-03	-8.38E-03	0.00E+00	0.00E+00	3.87E-01	-1.06E-04	1.80E-04	1.50E-03	0.00E+00	-2.94E-05	2.68E-10	-1.98E-09	7.36E-03	-2.31E-01	0.00E+00	0.00E+00	1.34E-01	-4.00E-02	5.10E-01	0.00E+00	3.01E-08	-8.14E-09	4.75E-05	-1.22E-05	2.85E-04	0.00E+00	5.10E-01	-4.43E-06	5.10E-01	7.15E-01	2.85E-04	0.00E+00	0.00E+00	0.00E+00	9.74E-04
VS112TE	2.71E-03	9.03E-02	4.17E-03	-1.47E-04	0.00E+00	0.00E+00	3.82E-01	5.96E-05	2.07E-04	1.91E-03	0.00E+00	-2.15E-05	2.69E-11	2.40E-09	3.92E-03	7.88E-01	0.00E+00	0.00E+00	1.61E-01	3.68E-02	4.44E-02	0.00E+00	4.14E-08	7.09E-09	3.21E-05	7.33E-06	2.15E-04	0.00E+00	4.44E-02	3.79E-07	4.44E-02	1.35E-01	3.15E-04	0.00E+00	0.00E+00	0.00E+00	8.52E-04
VS112TF	4.70E-04	6.41E-03	1.84E-03	-1.22E-02	0.00E+00	0.00E+00	3.87E-01	-7.44E-04	1.78E-04	1.20E-03	0.00E+00	-1.15E-05	-2.06E-10	-2.47E-09	4.52E-03	-2.25E-01	0.00E+00	0.00E+00	1.51E-01	4.03E-02	4.18E-01	0.00E+00	3.92E-08	-8.03E-09	8.44E-05	-1.22E-05	-2.84E-04	0.00E+00	4.18E-01	-1.58E-06	4.18E-01	-3.19E-01	2.84E-04	0.00E+00	0.00E+00	0.00E+00	4.64E-04
VS112TJ	4.91E-04	3.33E-02	2.81E-03	-3.89E-02	0.00E+00	0.00E+00	3.87E-01	-1.20E-04	1.77E-04	1.26E-03	0.00E+00	-1.04E-05	-7.37E-10	4.61E-09	7.05E-03	-2.30E-01	0.00E+00	0.00E+00	1.83E-01	3.91E-02	4.77E-01	0.00E+00	2.78E-08	-8.34E-09	4.75E-05	-1.22E-05	2.72E-04	0.00E+00	4.77E-01	-2.83E-06	4.77E-01	1.28E-01	2.72E-04	0.00E+00	0.00E+00	0.00E+00	9.74E-04
VS112TM	4.87E-04	3.33E-02	2.81E-03	-3.89E-02	0.00E+00	0.00E+00	3.87E-01	-1.20E-04	1.77E-04	1.26E-03	0.00E+00	-1.04E-05	-7.37E-10	4.61E-09	7.05E-03	-2.30E-01	0.00E+00	0.00E+00	1.83E-01	3.91E-02	4.77E-01	0.00E+00	2.78E-08	-8.34E-09	4.75E-05	-1.22E-05	2.72E-04	0.00E+00	4.77E-01	-2.83E-06	4.77E-01	1.28E-01	2.72E-04	0.00E+00	0.00E+00	0.00E+00	9.74E-04
VS112TP	4.59E-03	6.81E-01	1.87E-02	2.62E-01	0.00E+00	0.00E+00	3.89E-01	7.39E-05	2.05E-04	1.91E-03	0.00E+00	-2.04E-05	2.28E-10	2.55E-09	7.69E-03	2.27E-01	0.00E+00	0.00E+00	1.34E-01	4.03E-02	5.09E-01	0.00E+00	2.73E-08	-8.10E-09	4.75E-05	-1.22E-05	2.95E-04	0.00E+00	5.09E-01	-1.75E-06	5.09E-01	1.32E-01	2.85E-04	0.00E+00	0.00E+00	0.00E+00	9.74E-04
VS112TR	1.87E-03	5.70E-01	-6.99E-04	-3.16E-02	0.00E+00	0.00E+00	2.51E-01	-8.05E-05	1.32E-03	2.13E-03	0.00E+00	-2.34E-05	5.11E-10	-1.33E-10	-4.31E-03	2.43E-01	0.00E+00	0.00E+00	2.25E-01	2.80E-02	8.49E-01	0.00E+00	5.33E-08	-6.78E-09	4.63E-04	-1.67E-05	-3.08E-04	0.00E+00	8.49E-01	-4.60E-06	8.49E-01	-4.60E-01	3.98E-04	0.00E+00	0.00E+00	0.00E+00	9.61E-04
VS112TS	2.17E-03	5.22E-01	-7.25E-04	-6.99E-02	0.00E+00	0.00E+00	-2.51E-01	-1.30E-04	1.32E-03	2.12E-03	0.00E+00	-2.76E-05	9.64E-10	3.90E-09	-3.32E-03	2.33E-01	0.00E+00	0.00E+00	3.96E-01	-3.53E-02	9.08E-01	0.00E+00	4.39E-08	-6.99E-09	4.72E-04	-1.51E-05	2.52E-04	0.00E+00	9.08E-01	-3.03E-06	9.08E-01	-4.73E-01	2.52E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-01
VS112TY	8.19E-04	6.85E-02	2.77E-03	-1.30E-02	0.00E+00	0.00E+00	3.92E-01	-8.92E-05	2.13E-04	2.07E-03	0.00E+00	-2.40E-05	-4.22E-10	-7.14E-09	5.90E-03	2.26E-01	0.00E+00	0.00E+00	1.56E-01	3.84E-02	6.22E-01	0.00E+00	4.39E-08	-8.10E-09	3.96E-05	-1.23E-05	2.92E-04	0.00E+00	6.22E-01	-5.09E-06	6.22E-01	-6.14E-01	3.92E-04	0.00E+00	0.00E+00	0.00E+00	1.03E-01
VS118PA	-3.29E-03	-1.66E-02	-4.80E-03	-1.87E-01	0.00E+00	0.00E+00	4.64E-01	-1.68E-03	2.58E-04	8.88E-04	0.00E+00	-3.26E-04	2.92E-10	-6.88E-08	5.15E-02	-1.88E-01	0.00E+00	0.00E+00	3.10E-02	-1.27E-01	6.42E-01	0.00E+00	3.74E-08	-1.27E-08	8.84E-04	-9.19E-05	-8.41E-01	0.00E+00	6.42E-01	-2.34E-05	6.42E-01	6.99E-01	-8.41E-01	0.00E+00	0.00E+00	0.00E+00	-1.80E-01
VS118PD	1.85E-03	1.93E-04	2.73E-02	1.90E-04	0.00E+00	0.00E+00	3.31E-01	3.72E-04	1.34E-03	1.55E-02	0.00E+00	4.92E-19	3.14E-10	3.54E-08	7.52E-02	1.62E-04	0.00E+00	0.00E+00	1.47E-01	1.85E-18	1.50E-01	0.00E+00	1.31E-07	4.92E-08	3.82E-03	0.00E+00	8.55E-01	0.00E+00	1.50E-01	-4.99E-06	1.50E-01	1.58E-01	8.55E-01	0.00E+00	0.00E+00	0.00E+00	9.67E-01
VS118PES	-5.61E-04	-1.19E-04	9.89E-02	-1.09E-04	0.00E+00	0.00E+00	4.44E-01	1.92E-05	6.02E-04	4.32E-03	0.00E+00	-4.87E-04	2.10E-10	1.11E-09	-1.69E-01	3.09E-01	0.00E+00	0.00E+00	3.74E-01	2.25E-01	2.41E-01	0.00E+00	9.32E-08	2.32E-08	1.46E-03	-1.85E-04	4.94E-04	0.00E+00	2.41E-01	3.72E-07	2.41E-01	2.41E-01	2.85E-01	-4.46E-04	0.00E+00	0.00E+00	3.56E-01
VS118PF	-3.16E-03	-1.80E-01	-4.80E-02	-1.87E-01	0.00E+00	0.00E+00	4.64E-01	-1.68E-03	2.64E-04	9.72E-04	0.00E+00	-2.28E-04	-2.17E-10	-6.15E-08	-5.26E-02	-1.88E-01	0.00E+00	0.00E+00	4.14E-02	-1.27E-01	6.30E-01	0.00E+00	3.74E-08	-1.16E-08	3.27E-04	-9.16E-05	-9.19E-01	0.00E+00	6.30E-01	-2.34E-05	6.30E-01	6.95E-01	-9.19E-01	0.00E+00	0.00E+00	0.00E+00	-1.76E-01
VS118PJ	-3.22E-03	-2.42E-02	-4.80E-02	-1.87E-01	0.00E+00	0.00E+00	4.64E-01	-1.68E-03	2.58E-04	8.88E-04	0.00E+00	-3.26E-04	2.92E-10	-6.88E-08	5.15E-02	-1.88E-01	0.00E+00	0.00E+00	3.10E-02	-1.27E-01	6.42E-01	0.00E+00	3.74E-08	-1.27E-08	8.84E-04	-9.19E-05	-8.41E-01	0.00E+00	6.42E-01	-2.34E-05	6.42E-01	6.99E-01	-8.41E-01	0.00E+00	0.00E+00	0.00E+00	-1.80E-01
VS118PJ1	-7.73E-03	-1.43E-01	4.44E-02	-2.21E-01	0.00E+00	0.00E+00	7.14E-01	1.48E-03	2.77E-04	9.07E-04	0.00E+00	-2.63E-04	2.34E-10	4.76E-09	-5.67E-02	1.96E-01	0.00E+00	0.00E+00	5.11E-02	-1.07E-01	8.88E-01	0.00E+00	3.96E-08	-1.24E-08	3.58E-04	-1.10E-04	-1.21E-04	0.00E+00	8.88E-01	-1.57E-05	8.88E-01	1.16E-01	-1.21E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-01
VS118PM	-3.73E-03	8.53E-03	-4.82E-02	-1.78E-01	0.00E+00	0.00E+00	6.33E-01	-1.36E-03	1.56E-04	9.86E-05	0.00E+00	-2.37E-04	-1.42E-09	-7.03E-08	5.88E-02	-1.76E-01	0.00E+00	0.00E+00	3.49E-02	-1.21E-01	6.94E-01	0.00E+00	2.04E-08	-1.94E-08	1.13E-04	-9.01E-05	-1.16E-04	0.00E+00	6.94E-01	-2.40E-05	6.94E-01	7.35E-01	-1.16E-04	0.00E+00	0.00E+00	0.00E+00	-1.80E-01
VS118PP	2.44E-02	3.67E-03	-9.31E-02	8.95E-02	0.00E+00	0.00E+00	6.00E-01	-2.53E-03	-6.59E-04	6.53E-03	0.00E+00	-4.87E-04	2.73E-09	-2.92E-07	1.54E-01	-2.01E-01	0.00E+00	0.00E+00	2.57E-01	2.25E-01	2.16E-01	0.00E+00	4.08E-08	4.36E-08	3.31E-03	-1.85E-04	2.94E-04	0.00E+00	2.16E-01	7.13E-05	2.16E-01	2.45E-01	2.94E-04	0.00E+00	0.00E+00	0.00E+00	-1.48E-02
VS118PS	-2.78E-02	-6.61E-01	-1.93E-01	-5.98E-01	0.00E+00	0.00E+00	6.53E-01	2.68E-07	-1.18E-03	-1.47E-02	0.00E+00	-4.67E-06	3.03E-07	-1.17E-01	-2.89E-01	0.00E+00	0.00E+00	6.50E-01	-2.22E-01	2.94E-01	0.00E+00	-2.32E-08	-6.70E-08	6.59E-03	1.94E-04	4.52E-04	0.00E+00	2.94E-01	-7.94E-05	2.94E-01	3.30E-01	-4.52E-04	0.00E+00	0.00E+00	0.00E+00	3.00E-02	
VS118PT	-9.67E-03	4.68E-01	-3.90E-02	4.95E-01	0.00E+00	0.00E+00	4.21E-01	9.87E-03	-4.14E-03	6.33E-02	0.00E+00	8.81E-19	7.00E-10	1.15E-09	2.60E-02	8.74E-01	0.00E+00	0.00E+00	2.90E-01	1.07E-01	1.81E-01	0.00E+00	2.01E-08	-2.91E-07	1.65E-02	0.00E+00	-1.89E-04	0.00E+00	1.81E-01	3.72E-07	1.81E-01	2.85E-01	-4.46E-04	0.00E+00	0.00E+00	0.00E+00	8.96E-02
VS118PY	-3.62E-03	-1.60E-01	-4.80E-02	-1.87E-01	0.00E+00	0.00E+00	4.64E-01	-1.68E-03	2.61E-04	2.00E-04	0.00E+00	-3.15E-04	-1.03E-10	-9.01E-08	5.79E-02	-1.99E-01	0.00E+00	0.00E+00	-3.36E-01	-1.26E-01	9.16E-01	0.00E+00	3.77E-08	-1.32E-08	2.71E-04	-1.11E-04	-1.88E-04	0.00E+00	9.16E-01	-2.26E-05	9.16E-01	-1.20E-01	-1.88E-04	0.00E+00	0.00E+00	0.00E+00	-2.18E-01
VS118TA	-1.33E-03	-1.96E-01	2.95E-03	-1.75E-01	0.00E+00	0.00E+00	6.32E-01	7.10E-04	2.70E-04	1.53E-03	0.00E+00	-5.38E-05	3.77E-11	-4.18E-08	5.92E-03	-3.34E-01	0.00E+00	0.00E+00	6.72E-02	-4.98E-02	4.70E-01	0.00E+00	5.47E-08	-1.20E-08	-4.20E-04	-1.00E-05	2.91E-04	0.00E+00	4.70E-01	-9.23E-06	4.70E-01	6.00E-01	2.91E-04	0.00E+00	0.00E+00	0.00E+00	-1.84E-01
VS118TD	-1.34E-03	-2.10E-01	3.13E-03	-1.75E-01	0.00E+00	0.00E+00	6.32E-01	7.12E-04	2.70E-04	1.42E-03	0.00E+00	-5.83E-05	2.54E-11	-4.22E-08	5.69E-03	-3.33E-01	0.00E+00	0.00E+00	6.72E-02	-4.92E-02	4.80E-01	0.00E+00	5.47E-08	-1.20E-08	-4.20E-04	-1.09E-05	2.96E-04	0.00E+00	4.80E-01	-9.23E-06	4.80E-01	6.14E-01	2.96E-04	0.00E+00	0.00E+00	0.00E+00	-1.94E-01
VS118TES	-3.10E-03	3.26E-01	-7.05E-03	3.80E-01	0.00E+00	0.00E+00	6.17E-01	-7.88E-04	2.21E-04	8.06E-04	0.00E+00	-3.24E-05	4.73E-10	5.52E-08	5.39E-03	-3.87E-01	0.00E+00	0.00E+00	-1.11E-01	4.92E-02	6.02E-01	0.00E+00	5.91E-08	-1.48E-08	4.94E-04	-1.06E-05	3.93E-04	0.00E+00	6.02E-01	-3.76E-06	6.02E-01	6.20E-01	3.93E-04	0.00E+00			

VS218PP	-4.90E-02	3.42E+00	2.37E-01	3.19E+00	0.00E+00	0.00E+00	1.78E+01	4.28E-03	3.33E-03	4.04E-02	0.00E+00	-1.05E-03	-1.07E-08	5.04E-07	3.94E-01	6.06E+01	0.00E+00	0.00E+00	-1.17E+01	1.84E-01	6.48E+01	0.00E+00	-6.15E-08	-1.78E-07	1.33E-02	3.99E-04	8.39E+00	0.00E+00	6.48E+01	-1.28E-04	6.48E+01	7.31E+01	8.29E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-02
VS218PS	1.04E-02	1.66E+00	5.07E-01	1.60E+00	0.00E+00	0.00E+00	8.40E+00	1.77E-03	3.64E-03	1.89E-02	0.00E+00	7.35E-19	1.50E-09	3.85E-08	1.43E-01	4.88E+00	0.00E+00	0.00E+00	9.14E+00	2.74E-19	2.78E+01	0.00E+00	2.29E-07	8.52E-08	8.45E-03	0.00E+00	5.57E-01	0.00E+00	2.78E+01	8.00E-06	2.78E+01	2.83E+01	5.57E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
VS218PT	-4.96E-02	1.82E+00	6.69E-02	1.75E+00	0.00E+00	0.00E+00	7.39E+00	9.13E-03	7.11E-03	2.52E-02	0.00E+00	9.93E-19	-8.55E-09	6.40E-07	1.66E-01	2.02E+00	0.00E+00	0.00E+00	2.71E+00	3.70E-19	2.97E+01	0.00E+00	2.70E-07	4.04E-08	6.74E-03	0.00E+00	9.96E-01	0.00E+00	2.97E+01	-2.55E-04	2.97E+01	3.07E+01	9.96E-01	0.00E+00	0.00E+00	0.00E+00	2.76E-02
VS218PY	-2.80E-02	1.47E+00	1.04E-01	1.20E+00	0.00E+00	0.00E+00	4.27E+00	5.13E-04	1.12E-03	1.17E-02	0.00E+00	7.78E-04	6.09E-09	-1.13E-07	3.48E-01	2.88E+01	0.00E+00	0.00E+00	1.49E+00	3.85E-01	3.99E+01	0.00E+00	6.58E-08	3.69E-08	3.42E-03	-1.87E-04	2.75E+00	0.00E+00	3.99E+01	-1.74E-05	3.99E+01	4.10E+01	-7.75E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-02
VS218TA	-7.78E-03	1.26E+00	-1.17E-01	1.70E-01	0.00E+00	0.00E+00	1.01E+00	-4.87E-04	-3.55E-04	9.01E-04	0.00E+00	-8.64E-04	-3.14E-09	6.43E-08	-2.42E-01	4.96E+01	0.00E+00	0.00E+00	3.22E-01	3.00E-01	2.58E+01	0.00E+00	8.62E-08	-3.65E-08	6.35E-03	-1.36E-04	-1.11E+01	0.00E+00	2.58E+01	-5.02E-06	2.58E+01	-3.99E+01	-1.11E+01	0.00E+00	0.00E+00	0.00E+00	-2.35E-01
VS218TD	-1.21E-02	3.25E+00	-1.89E-01	3.08E+00	0.00E+00	0.00E+00	7.60E+00	-6.25E-04	-1.58E-03	1.86E-02	0.00E+00	-7.52E-04	-5.71E-08	-8.08E-08	2.87E-01	9.72E+01	0.00E+00	0.00E+00	6.00E+00	3.48E-01	4.78E+01	0.00E+00	4.80E-08	-1.28E-07	6.72E-03	2.86E-04	-1.47E+01	0.00E+00	4.78E+01	-2.66E-05	4.78E+01	6.25E+01	-1.47E+01	0.00E+00	0.00E+00	0.00E+00	2.34E-02
VS218TES	-6.11E-03	1.03E+00	-1.14E-01	1.22E-01	0.00E+00	0.00E+00	8.65E-01	4.20E-04	-2.74E-05	8.65E-04	0.00E+00	-4.30E-04	1.54E-09	7.29E-09	-2.38E-01	4.22E+01	0.00E+00	0.00E+00	5.11E+00	2.19E-01	1.74E+01	0.00E+00	9.20E-08	3.09E-08	2.79E-03	1.16E-04	1.09E+01	0.00E+00	1.74E+01	-3.74E-06	1.74E+01	2.92E+01	-1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
VS218TF	-1.18E-02	1.26E+00	-1.18E-01	1.06E-01	0.00E+00	0.00E+00	1.01E+00	-7.24E-04	9.21E-04	1.57E-03	0.00E+00	-4.42E-04	-3.26E-09	4.21E-08	-2.44E+01	4.86E+01	0.00E+00	0.00E+00	-1.06E-01	2.86E-01	2.82E+01	0.00E+00	1.67E-09	4.07E-08	4.51E-03	-1.27E-04	-1.09E+01	0.00E+00	2.82E+01	-3.74E-06	2.82E+01	3.78E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	3.75E-01
VS218TJ	-6.54E-03	1.25E+00	-1.09E-01	1.73E-01	0.00E+00	0.00E+00	1.10E+00	-4.90E-04	-2.84E-04	1.43E-03	0.00E+00	-6.83E-04	-4.67E-09	6.21E-08	2.10E-01	4.78E+01	0.00E+00	0.00E+00	7.78E-01	2.70E-01	2.48E+01	0.00E+00	8.68E-08	2.95E-08	2.53E-03	-1.34E-04	-1.11E+01	0.00E+00	2.48E+01	-4.03E-06	2.48E+01	3.45E+01	-1.11E+01	0.00E+00	0.00E+00	0.00E+00	-1.87E-01
VS218TJ1	-6.92E-03	1.28E+00	-1.09E-01	1.58E-01	0.00E+00	0.00E+00	1.10E+00	-5.66E-04	-2.48E-04	4.83E-04	0.00E+00	-6.07E-04	-3.27E-09	6.71E-08	-2.30E-01	4.80E+01	0.00E+00	0.00E+00	5.59E-01	-2.30E-01	2.53E+01	0.00E+00	8.63E-08	3.12E-08	2.53E-03	-1.26E-04	-1.12E+01	0.00E+00	2.53E+01	-4.49E-06	2.53E+01	3.36E+01	-1.12E+01	0.00E+00	0.00E+00	0.00E+00	2.64E-01
VS218TM	-8.07E-03	1.27E+00	-1.13E-01	1.67E-01	0.00E+00	0.00E+00	1.03E+00	-5.01E-04	-3.13E-04	4.57E-04	0.00E+00	-8.40E-04	-3.25E-09	6.27E-08	-2.41E-01	4.35E+01	0.00E+00	0.00E+00	3.01E-01	3.01E-01	2.86E+01	0.00E+00	8.68E-08	-3.89E-08	2.63E-03	-1.26E-04	-1.12E+01	0.00E+00	2.86E+01	-5.07E-06	2.86E+01	3.48E+01	-1.12E+01	0.00E+00	0.00E+00	0.00E+00	2.96E-01
VS218TP	-7.95E-03	1.25E+00	-1.15E-01	1.54E-01	0.00E+00	0.00E+00	1.01E+00	-4.90E-04	-3.13E-04	9.87E-04	0.00E+00	-8.33E-04	-3.16E-09	6.43E-08	-2.41E-01	4.96E+01	0.00E+00	0.00E+00	4.02E-01	2.96E-01	2.58E+01	0.00E+00	8.81E-08	-3.65E-08	2.63E-03	-1.26E-04	-1.11E+01	0.00E+00	2.58E+01	-5.03E-06	2.58E+01	3.46E+01	-1.11E+01	0.00E+00	0.00E+00	0.00E+00	2.45E-01
VS218TS	-1.00E-02	1.22E+00	-1.15E-01	1.80E-01	0.00E+00	0.00E+00	0.74E-01	6.59E-04	-2.81E-04	2.10E-03	0.00E+00	-4.90E-04	-6.74E-09	6.26E-08	-2.30E-01	4.15E+01	0.00E+00	0.00E+00	3.50E-02	2.55E-01	2.19E+01	0.00E+00	5.81E-08	3.89E-08	3.16E-03	-1.20E-04	-1.01E+01	0.00E+00	2.19E+01	-8.91E-06	2.19E+01	3.19E+01	-1.01E+01	0.00E+00	0.00E+00	0.00E+00	3.75E-01
VS218TY	-9.17E-03	1.30E+00	-1.14E-01	1.83E-01	0.00E+00	0.00E+00	1.04E+00	-5.02E-04	-3.49E-04	4.04E-04	0.00E+00	-6.40E-04	-3.64E-09	6.42E-08	-2.42E-01	4.85E+01	0.00E+00	0.00E+00	2.96E-01	3.01E-01	2.84E+01	0.00E+00	8.69E-08	3.70E-08	2.62E-03	-1.26E-04	-1.13E+01	0.00E+00	2.84E+01	-5.34E-06	2.84E+01	3.46E+01	-1.13E+01	0.00E+00	0.00E+00	0.00E+00	3.18E-01
VS312PA	-5.23E-03	1.03E+00	-1.49E-01	-1.11E+00	0.00E+00	0.00E+00	1.70E+00	-4.19E-04	-5.06E-04	4.17E-03	0.00E+00	-8.61E-04	-3.30E-09	1.58E-08	-2.17E-01	-3.10E+01	0.00E+00	0.00E+00	-1.13E-01	3.33E-01	3.36E+01	0.00E+00	3.68E-08	-3.34E-08	6.20E-03	-2.97E-04	-5.73E+00	0.00E+00	3.36E+01	-1.27E-05	3.36E+01	-3.75E+01	-5.73E+00	0.00E+00	0.00E+00	0.00E+00	-3.66E-01
VS312PD	-5.80E-03	2.15E+00	-1.87E-01	-1.99E+00	0.00E+00	0.00E+00	-6.57E+00	-1.61E-04	-8.19E-04	-1.26E-02	0.00E+00	-7.16E-04	-4.58E-09	-1.84E-08	-2.67E-01	2.92E+01	0.00E+00	0.00E+00	-3.30E+00	-3.31E-01	-4.34E+01	0.00E+00	3.07E-08	7.81E-08	-4.98E-03	2.72E-04	-4.74E+00	0.00E+00	-4.34E+01	-8.66E-06	-4.34E+01	-4.82E+01	-4.74E+00	0.00E+00	0.00E+00	0.00E+00	-1.62E-02
VS312PE	-6.90E-03	2.25E+00	-1.59E-01	-2.09E+00	0.00E+00	0.00E+00	-5.69E+00	2.42E-04	-1.16E-03	-1.36E-02	0.00E+00	7.16E-04	4.49E-09	3.05E-09	-2.68E-01	3.17E+01	0.00E+00	0.00E+00	3.49E+00	3.31E-01	4.37E+01	0.00E+00	3.44E-08	7.89E-08	6.20E-03	2.72E-04	5.13E+00	0.00E+00	4.37E+01	-1.15E-05	4.37E+01	4.88E+01	-6.13E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-02
VS312PF	-6.69E-03	8.27E-01	-1.40E-01	-1.13E+00	0.00E+00	0.00E+00	1.82E+00	-4.95E-04	-4.24E-04	8.65E-03	0.00E+00	-8.76E-04	-4.41E-09	-1.92E-08	-1.96E-01	2.72E+01	0.00E+00	0.00E+00	-3.80E-01	4.34E-01	3.48E+01	0.00E+00	2.11E-08	-3.43E-08	2.44E-03	-2.86E-04	-4.64E+00	0.00E+00	3.48E+01	-1.49E-05	3.48E+01	3.94E+01	-6.64E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-01
VS312PJ	-8.83E-03	1.30E+00	-1.51E-01	1.35E+00	0.00E+00	0.00E+00	1.76E+00	-4.34E-04	-5.44E-04	1.04E-02	0.00E+00	-7.85E-04	-4.02E-09	-1.41E-08	2.44E-01	3.82E+01	0.00E+00	0.00E+00	-3.44E-01	4.05E-01	3.80E+01	0.00E+00	2.98E-08	3.66E-08	3.21E-03	3.26E-04	-6.65E+00	0.00E+00	3.80E+01	-1.33E-05	3.80E+01	4.47E+01	-6.65E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-01
VS312PM	-1.00E-02	1.32E+00	-1.58E-01	-1.34E+00	0.00E+00	0.00E+00	-1.87E+00	4.60E-04	4.08E-04	-1.05E-02	0.00E+00	-8.32E-04	-4.34E-09	-1.97E-08	-2.40E-01	3.68E+01	0.00E+00	0.00E+00	-4.75E-01	-4.08E-01	3.89E+01	0.00E+00	2.67E-08	3.57E-08	2.88E-03	3.21E-04	5.79E+00	0.00E+00	3.89E+01	-1.45E-05	3.89E+01	4.47E+01	-5.75E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-01
VS312PP	-1.27E-03	9.20E-02	-1.46E-01	-1.80E+00	0.00E+00	0.00E+00	3.86E+00	-1.96E-04	2.21E-03	-1.09E-02	0.00E+00	-7.16E-04	-1.69E-09	2.42E-09	-2.76E+01	4.56E+01	0.00E+00	0.00E+00	-1.78E+00	3.31E-01	4.02E+01	0.00E+00	1.67E-09	6.89E-08	4.51E-03	-2.70E-04	-4.30E+00	0.00E+00	4.02E+01	-4.74E-06	4.02E+01	4.56E+01	-4.30E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-02
VS312PR	-9.62E-03	4.31E-01	2.07E-04	3.21E-01	0.00E+00	0.00E+00	8.51E-01	-1.01E-03	1.01E-03	4.24E-03	0.00E+00	-2.40E-05	-1.69E-09	-2.08E-08	6.43E-03	-3.72E+01	0.00E+00	0.00E+00	9.05E-01	1.84E-02	7.33E-01	0.00E+00	9.59E-08	-1.10E-08	4.34E-05	-1.50E-05	-5.36E+00	0.00E+00	7.30E-01	-2.37E-05	7.33E-01	-4.11E+01	-5.36E+00	0.00E+00	0.00E+00	0.00E+00	-1.54E-01
VS312PS	-3.10E-02	3.40E-01	1.35E-01	-2.05E-01	0.00E+00	0.00E+00	7.26E+00	3.12E-03	4.42E-04	-1.20E-02	0.00E+00	-7.94E-04	3.28E-09	3.60E-07	2.28E-01	3.84E+01	0.00E+00	0.00E+00	3.10E+00	-3.25E-01	3.32E+01	0.00E+00	4.08E-08	6.76E-08	-4.52E-03	-2.68E-04	-6.63E+00	0.00E+00	3.32E+01	-8.89E-05	3.32E+01	3.89E+01	-6.63E+00	0.00E+00	0.00E+00	0.00E+00	-1.84E-02
VS312PT	-7.60E-02	3.42E-01	3.55E-02	3.06E-01	0.00E+00	0.00E+00	1.63E+01	9.38E-03	5.91E-03	3.84E-02	0.00E+00	7.96E-19	1.74E-08	6.75E-07	1.20E-01	5.12E+00	0.00E+00	0.00E+00	1.24E+01	2.82E-19	1.37E+01	0.00E+00	1.79E-07	1.36E-07	2.24E-02	0.00E+00	-4.23E-01	0.00E+00	1.37E+01	2.97E-04	1.37E+01	1.33E+01	-4.23E-01	0.00E+00	0.00E+00	0.00E+00	6.53E-02
VS312PY	-9.13E-03	1.26E+00	-1.57E-01	-1.45E+00	0.00E+00	0.00E+00	1.86E+00	-4.70E-04	-4.49E-04	1.04E-02	0.00E+00	-7.76E-04	-3.73E-09	-4.33E-08	-2.40E-01	3.26E+01	0.00E+00	0.00E+00	-1.13E-01	3.81E-01	3.81E+01	0.00E+00	3.62E-08	-3.63E-08	2.88E-03	-3.06E-04	-6.11E+00	0.00E+00	3.81E+01	-1.65E-05	3.81E+01	4.06E+01	-6.11E+00				

VS418PF	-1.45E-02	5.46E-01	2.82E-01	-3.81E-01	0.00E+00	0.00E+00	4.70E+00	8.86E-04	1.54E-03	5.42E-03	0.00E+00	-1.04E-04	6.32E-09	-1.52E-07	4.99E-02	2.30E+01	0.00E+00	0.00E+00	-1.83E-01	1.42E-01	1.53E+01	0.00E+00	1.16E-07	-0.94E-08	2.84E-04	3.14E-04	5.94E+00	0.00E+00	1.53E+01	-0.35E-05	1.53E+01	2.10E+01	5.94E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+02
VS418PJ	7.17E-05	-4.97E-01	-2.63E-01	3.51E-01	0.00E+00	0.00E+00	4.66E+00	-8.11E-04	1.73E-03	4.34E-03	0.00E+00	-1.16E-04	-6.69E-09	-1.55E-07	4.67E-02	-2.01E+01	0.00E+00	0.00E+00	-2.09E-01	1.42E-01	-1.48E+01	0.00E+00	1.17E-07	-0.94E-08	-1.17E-05	3.30E-04	-5.97E+00	0.00E+00	-1.48E+01	-0.37E-05	1.48E+01	-1.99E+01	5.97E+00	0.00E+00	0.00E+00	0.00E+00	-1.50E+02
VS418PM	2.82E-03	1.14E+00	2.80E-01	1.22E+00	0.00E+00	0.00E+00	-6.42E+00	7.60E-04	1.77E-03	3.72E-03	0.00E+00	-1.32E-04	5.26E-09	-1.35E-07	6.43E-02	2.81E+01	0.00E+00	0.00E+00	-8.78E-01	-4.37E-01	3.81E+01	0.00E+00	1.04E-07	6.01E-08	4.35E-04	3.34E-04	6.48E+00	0.00E+00	3.81E+01	-0.53E-05	3.81E+01	3.85E+01	6.48E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+02
VS418PP	-8.99E-02	4.44E+00	3.74E-01	-4.07E+00	0.00E+00	0.00E+00	2.26E+01	6.38E-03	4.99E-03	6.12E-02	0.00E+00	-1.82E-03	9.62E-09	9.75E-07	6.27E-01	6.78E+01	0.00E+00	0.00E+00	1.08E+01	8.40E-01	9.39E+01	0.00E+00	1.85E-08	2.18E-07	1.85E-02	6.92E-04	1.32E-01	0.00E+00	9.39E+01	2.39E-04	9.39E+01	1.07E+02	1.32E-01	0.00E+00	0.00E+00	0.00E+00	5.68E+02
VS418PR	-5.78E-03	-4.91E-01	3.35E-01	-1.18E+00	0.00E+00	0.00E+00	2.47E+00	-2.53E-04	1.34E-03	7.72E-04	0.00E+00	-1.25E-05	-9.37E-09	-1.58E-08	1.54E-02	-1.64E+01	0.00E+00	0.00E+00	4.50E+00	1.24E-02	7.97E+00	0.00E+00	1.96E-07	-5.04E-08	8.14E-04	2.21E-05	-1.85E+01	0.00E+00	7.97E+00	-1.93E-05	7.97E+00	7.22E+01	1.55E+01	0.00E+00	0.00E+00	0.00E+00	7.25E+01
VS418PS	-1.04E-02	5.32E+00	3.85E-01	4.94E+00	0.00E+00	0.00E+00	-1.22E+01	-3.51E-04	1.85E-04	2.97E-02	0.00E+00	-1.80E-03	9.91E-09	-1.61E-08	6.60E-01	7.71E+01	0.00E+00	0.00E+00	5.81E+00	-8.32E-01	1.05E+02	0.00E+00	5.49E-08	-1.72E-07	1.14E-02	6.88E-04	1.22E+01	0.00E+00	1.05E+02	-1.85E-05	1.05E+02	1.18E+02	-1.22E+01	0.00E+00	0.00E+00	0.00E+00	3.13E+02
VS418PT	-1.16E-01	4.01E+00	2.99E-01	3.66E+00	0.00E+00	0.00E+00	2.43E+01	1.27E-02	1.05E-02	8.34E-02	0.00E+00	1.85E-03	1.40E-08	1.36E-09	5.99E-01	8.40E+01	0.00E+00	0.00E+00	1.10E+01	8.52E-01	6.89E+01	0.00E+00	1.68E-07	2.53E-07	2.55E-02	7.02E-04	1.39E+01	0.00E+00	6.89E+01	-3.94E-04	6.89E+01	9.90E+01	-1.20E+01	0.00E+00	0.00E+00	0.00E+00	6.32E+02
VS418PY	3.77E-03	0.00E+00	3.85E-01	1.73E-01	0.00E+00	0.00E+00	4.98E+00	-1.45E-04	1.73E-03	1.13E-02	0.00E+00	3.96E-05	3.36E-09	1.58E-02	1.51E+01	0.00E+00	0.00E+00	-0.78E+01	4.31E-01	3.16E+01	0.00E+00	1.74E-07	4.83E-08	5.47E-04	3.45E-04	5.12E+00	0.00E+00	3.16E+01	1.84E+01	3.24E+01	3.96E+01	1.52E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+02
VS418TA	5.53E-03	2.99E-01	-1.35E-02	2.71E-02	0.00E+00	0.00E+00	4.61E+00	-1.45E-04	1.99E-03	1.43E-02	0.00E+00	-9.99E-04	-3.00E-09	-1.22E-08	1.02E-01	-1.43E+01	0.00E+00	0.00E+00	5.68E+00	2.36E-01	2.24E+01	0.00E+00	2.34E-07	1.47E-08	2.60E-03	-1.55E-04	-1.98E+01	0.00E+00	2.24E+01	-3.29E-04	2.24E+01	7.24E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
VS418TD	8.82E-03	4.96E-01	5.72E-02	3.99E-01	0.00E+00	0.00E+00	1.03E+01	1.86E-02	2.08E-02	1.89E-02	0.00E+00	8.44E-09	1.56E-09	2.54E-08	1.68E-01	1.16E+02	0.00E+00	0.00E+00	1.03E+01	3.49E-01	3.11E+01	0.00E+00	2.58E-07	4.20E-08	5.41E-03	0.00E+00	-1.53E+01	0.00E+00	3.11E+01	8.52E-06	3.11E+01	1.58E+01	-1.53E+01	0.00E+00	0.00E+00	0.00E+00	2.95E+02
VS418TES	-9.00E-04	6.30E-01	-1.96E-02	-3.78E-01	0.00E+00	0.00E+00	3.91E+00	-1.41E-04	1.88E-03	8.11E-03	0.00E+00	-4.72E-04	-1.23E-09	-1.86E-08	8.43E-02	-1.63E+02	0.00E+00	0.00E+00	4.73E+00	-2.42E-01	1.41E+01	0.00E+00	2.34E-07	8.37E-01	5.98E-05	-1.49E-04	-1.72E+01	0.00E+00	1.41E+01	-1.47E-05	1.41E+01	-4.15E-01	-1.72E+01	0.00E+00	0.00E+00	0.00E+00	7.48E+01
VS418TF	1.52E-03	1.53E-01	-3.05E-02	8.84E-01	0.00E+00	0.00E+00	3.71E+00	-2.22E-04	1.94E-03	1.63E-02	0.00E+00	-8.25E-04	-1.43E-09	-3.35E-08	7.72E-02	-1.45E+02	0.00E+00	0.00E+00	4.49E+00	2.31E-01	1.90E+01	0.00E+00	2.17E-07	1.32E-08	2.02E-03	-1.47E-04	-1.81E+01	0.00E+00	1.90E+01	-4.58E-06	1.90E+01	6.43E+01	-1.81E+01	0.00E+00	0.00E+00	0.00E+00	8.85E+01
VS418TJ	2.76E-03	-1.19E-01	2.40E-02	2.04E-01	0.00E+00	0.00E+00	3.98E+00	-1.88E-04	2.09E-03	1.43E-02	0.00E+00	-6.19E-04	-1.80E-09	8.72E-02	-1.45E+02	0.00E+00	0.00E+00	5.43E+00	2.23E-01	2.24E+01	0.00E+00	2.34E-07	1.49E-08	2.13E-03	-1.54E-04	-1.98E+01	0.00E+00	2.24E+01	-4.05E-06	2.24E+01	7.27E+01	-1.98E+01	0.00E+00	0.00E+00	0.00E+00	1.16E+02	
VS418TM	4.90E-03	7.62E-01	7.00E-03	3.14E-01	0.00E+00	0.00E+00	3.87E+00	1.98E-04	2.19E-03	1.20E-02	0.00E+00	-4.78E-04	1.16E-09	1.20E-09	1.01E-01	1.45E+02	0.00E+00	0.00E+00	4.30E+00	2.83E-01	8.95E+01	0.00E+00	2.15E-07	8.46E-08	3.13E-03	-1.95E-04	-1.98E+01	0.00E+00	8.95E+01	-1.46E-05	8.95E+01	6.46E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.19E+02
VS418TP	5.68E-03	5.27E-01	4.00E-04	2.58E-01	0.00E+00	0.00E+00	4.07E+00	-1.52E-04	2.00E-03	1.14E-02	0.00E+00	-3.02E-04	-3.22E-10	-1.21E-09	1.13E-01	-1.44E+02	0.00E+00	0.00E+00	5.23E+00	2.26E-01	1.47E+01	0.00E+00	2.82E-07	6.26E-07	2.57E-03	-1.54E-04	-1.87E+01	0.00E+00	1.47E+01	-3.20E-06	1.47E+01	-9.36E-02	1.57E+01	0.00E+00	0.00E+00	0.00E+00	1.30E+02
VS418TS	-1.10E-03	6.13E-01	-1.36E-02	-3.62E-01	0.00E+00	0.00E+00	3.97E+00	-1.39E-04	1.88E-03	8.03E-03	0.00E+00	-4.44E-04	-1.34E-09	-1.83E-08	9.46E-02	-1.63E+02	0.00E+00	0.00E+00	4.74E+00	-2.43E-01	1.46E+01	0.00E+00	2.36E-07	-1.41E-01	8.63E-05	-1.43E-04	-1.72E+01	0.00E+00	1.46E+01	-1.48E-05	1.46E+01	6.34E+01	-1.72E+01	0.00E+00	0.00E+00	0.00E+00	7.60E+01
VS418TY	4.99E-03	5.14E-01	4.03E-04	2.29E-01	0.00E+00	0.00E+00	4.04E+00	1.60E-04	2.19E-03	1.51E-02	0.00E+00	-8.60E-04	3.61E-09	1.24E-09	9.48E-02	1.42E+02	0.00E+00	0.00E+00	5.19E+00	2.32E-01	1.47E+01	0.00E+00	2.24E-07	4.15E-08	2.52E-03	-1.49E-04	-1.98E+01	0.00E+00	1.47E+01	-1.46E-05	1.47E+01	-1.32E-01	-1.98E+01	0.00E+00	0.00E+00	0.00E+00	1.20E+02
VU12AT	-2.11E-02	-7.98E-01	-3.89E-03	8.91E-01	0.00E+00	0.00E+00	2.20E-02	-1.87E-03	8.62E-04	-1.55E-02	0.00E+00	-2.41E-04	-1.55E-08	-1.85E-07	-1.49E-02	2.00E+01	0.00E+00	0.00E+00	-2.44E+00	1.01E-01	5.84E+00	0.00E+00	7.55E-08	-6.05E-08	4.13E-03	-1.05E-04	-1.79E+00	0.00E+00	5.84E+00	3.71E-05	5.84E+00	1.94E+01	-1.79E+00	0.00E+00	0.00E+00	0.00E+00	2.14E+02
VU12DKN	-1.51E-02	7.11E-01	2.20E-02	-8.65E-01	0.00E+00	0.00E+00	7.83E-01	-1.35E-03	5.16E-04	1.28E-02	0.00E+00	2.83E-04	-1.51E-08	-1.24E-07	8.40E-03	-1.88E+01	0.00E+00	0.00E+00	2.53E+00	8.88E-02	-1.04E+01	0.00E+00	1.08E-07	-4.06E-08	3.49E-03	9.32E-05	-1.94E+00	0.00E+00	-1.04E+01	-4.82E-05	1.04E+01	-1.68E+01	-1.94E+00	0.00E+00	0.00E+00	0.00E+00	-1.87E+02
VU12EP	-2.43E-02	1.94E+00	-1.32E-02	1.93E+00	0.00E+00	0.00E+00	-9.45E+00	2.24E-02	2.08E-03	2.57E-02	0.00E+00	3.15E-09	2.36E-08	2.43E-07	2.75E-02	9.68E+00	0.00E+00	0.00E+00	-1.54E+01	1.21E-01	1.40E+01	0.00E+00	-1.22E-08	-1.97E-07	-1.21E-02	0.00E+00	2.22E+00	0.00E+00	1.40E+01	-6.10E-05	-1.40E+01	1.62E+01	-2.22E+00	0.00E+00	0.00E+00	0.00E+00	6.98E+02
VU12ET	-2.18E-02	4.97E-01	3.90E-02	3.13E-01	0.00E+00	0.00E+00	4.05E+00	-6.41E-01	-1.77E-03	8.82E-04	1.26E-02	0.00E+00	-8.60E-04	-1.74E-07	1.86E-08	-3.76E+02	0.00E+00	0.00E+00	3.35E+00	7.08E-02	8.95E+01	0.00E+00	1.25E-07	4.83E-08	4.09E-03	-7.32E-05	2.23E+00	0.00E+00	8.95E+01	-2.50E-05	8.95E+01	1.94E+01	2.25E+00	0.00E+00	0.00E+00	0.00E+00	2.42E+02
VU12IE	-0.98E-03	6.37E-01	2.14E-03	8.55E-01	0.00E+00	0.00E+00	1.00E+00	-6.10E-04	-3.75E-04	8.25E-03	0.00E+00	-3.10E-04	-6.64E-09	-7.91E-08	-1.13E-02	-1.72E+01	0.00E+00	0.00E+00	-6.83E-01	1.45E-01	0.00E+00	0.00E+00	1.13E-07	-4.72E-08	3.39E-03	-1.21E-04	-2.43E+00	0.00E+00	-1.08E+01	-3.24E-05	1.08E+01	-1.13E+01	-2.43E+00	0.00E+00	0.00E+00	0.00E+00	-8.15E+01
VU12LN	-5.90E-03	1.56E+00	9.12E-02	1.47E+00	0.00E+00	0.00E+00	7.58E-01	4.76E-04	-1.48E-04	-1.10E-02	0.00E+00	-5.02E-04	-1.23E-08	2.57E-08	-1.55E-01	2.28E+01	0.00E+00	0.00E+00	3.91E+00	-2.32E-01	3.22E+01	0.00E+00	6.98E-09	-1.15E-07	-6.88E-03	-1.91E-04	3.48E+00	0.00E+00	3.22E+01	-2.45E-05	-3.22E+01	3.57E+01	-3.45E+00	0.00E+00	0.00E+00	0.00E+00	2.20E+02
VU12NA	-4.52E-03	1.87E+00	1.01E-01	-1.77E+00	0.00E+00	0.00E+00	3.99E+00	3.44E-04	-1.59E-04	-1.13E-02	0.00E+00	-6.93E-04	8.42E-09	4.96E-09	-1.73E-01	2.67E+01	0.00E+00	0.00E+00	1.13E-01	2.74E-01	3.14E+01	0.00E+00	2.99E-08	8.53E-08	6.73E-03	-2.25E-04	3.88E+00	0.00E+00	3.14E+01	-1.70E-05	3.14E+01	3.51E+01	-3.88E+00	0.00E+00	0.00E+00	0.00E+00	6.30E+01
VU12NC	-3.55E-02	1.73E+00	7.24E-02	1.65E+00	0.00E+00	0.00E+00	9.87E+00	-4.47E-03	-4.43E-03	3.66E-03	0.00E+00	1.07E-08	-2.64E-09	-4.81E-07	1.59E-01	-1.00E+01	0.00E+00	0.00E+00	7.20E+00	3.75E-01	2.96E+01	0.00E+00	2.41E-07	1.74E-08	3.18E-03	0.00E+00	3.10E-01	0.00E+00	2.96E+01	-1.21E-04	2.96E+01	2.99E+01	-1.10E-01	0.00E+00	0.00E+		

VU48EP	-1.31E-02	4.46E+00	2.90E-01	4.26E+00	0.00E+00	0.00E+00	2.00E+00	9.93E-04	-4.43E-04	3.18E-02	0.00E+00	-1.10E-03	-2.70E-08	-4.81E-08	-3.39E-01	4.41E+01	0.00E+00	0.00E+00	7.09E+00	-5.07E-01	4.91E+01	0.00E+00	9.20E-09	-2.43E-07	-1.58E-02	-4.17E-04	4.59E+00	0.00E+00	6.91E+01	-5.04E-05	6.91E+01	7.57E+01	4.59E+00	0.00E+00	0.00E+00	4.17E+02
VU48ET	-1.86E-02	1.24E+00	-1.34E-01	-1.95E+00	0.00E+00	0.00E+00	2.01E+01	-1.17E-03	-4.91E-04	4.57E-03	0.00E+00	4.54E-04	2.67E-08	-5.05E-08	-1.80E-01	2.96E+01	0.00E+00	0.00E+00	5.87E+00	2.35E-01	-1.62E+01	0.00E+00	3.21E-07	-1.06E-07	8.81E-03	-1.85E-04	-3.92E+00	0.00E+00	-1.62E+01	-7.63E-05	1.62E+01	-1.66E+01	3.92E+00	0.00E+00	0.00E+00	1.79E+02
VU48IE	-7.53E-03	4.29E-02	3.55E-02	2.37E+00	0.00E+00	0.00E+00	7.16E+00	-1.40E-03	1.04E-03	2.06E-02	0.00E+00	-1.88E-04	-3.49E-09	-7.32E-08	3.94E-03	1.36E+01	0.00E+00	0.00E+00	5.77E+00	-1.01E-01	1.22E+01	0.00E+00	2.22E-07	1.01E-08	-3.35E-04	4.62E-05	-2.98E-01	0.00E+00	1.22E+01	4.52E-05	1.22E+01	4.96E+00	-2.98E-01	0.00E+00	0.00E+00	1.75E+02
VU48LN	-1.91E-02	3.36E+00	1.96E-02	3.34E+00	0.00E+00	0.00E+00	1.30E+01	1.90E-03	4.54E-03	3.65E-02	0.00E+00	7.07E-19	5.19E-08	-1.40E-07	4.10E-02	5.49E+00	0.00E+00	0.00E+00	3.01E+01	2.70E-18	3.48E+01	0.00E+00	-4.62E-08	4.00E-07	2.23E-02	0.00E+00	2.93E+00	0.00E+00	3.48E+01	6.93E-05	3.48E+01	3.74E+01	-3.99E+00	0.00E+00	0.00E+00	1.35E+03
VU48MMV	-1.06E-02	3.09E+00	-1.78E-02	3.33E+00	0.00E+00	0.00E+00	3.80E+00	-1.11E-03	-1.77E-03	2.17E-02	0.00E+00	4.45E-04	4.48E-08	-8.94E-08	1.50E-03	-3.80E+01	0.00E+00	0.00E+00	-1.27E+01	2.03E-01	-1.45E+01	0.00E+00	-1.62E-07	-2.81E-07	3.55E-02	-1.06E-04	-6.59E+00	0.00E+00	-1.45E+01	-3.94E-05	1.43E+01	-2.02E+01	4.66E+00	0.00E+00	0.00E+00	7.00E-02
VU48NA	-1.47E-02	-1.18E-01	9.88E-02	-1.97E-02	0.00E+00	0.00E+00	2.88E+01	-7.15E-03	3.29E-04	1.74E-03	0.00E+00	-1.09E-03	2.23E-09	-1.78E-07	-1.82E-01	4.64E+01	0.00E+00	0.00E+00	2.21E+01	-5.01E-01	1.59E+01	0.00E+00	3.03E-07	4.32E-08	3.67E-04	4.12E-04	3.74E+00	0.00E+00	-1.59E+01	-5.34E-05	1.59E+01	-1.97E+01	3.74E+00	0.00E+00	0.00E+00	7.25E+02
VU48NC	-7.97E-02	5.32E+00	2.21E-01	-5.10E+00	0.00E+00	0.00E+00	-1.45E+01	-2.10E-03	-5.62E-03	6.93E-02	0.00E+00	-1.09E-03	3.72E-08	7.92E-07	-3.61E-01	6.87E+01	0.00E+00	0.00E+00	2.28E+01	-5.01E-01	7.32E+01	0.00E+00	-5.12E-08	3.95E-07	9.73E-02	4.12E-04	1.09E+01	0.00E+00	7.32E+01	-2.81E-04	7.32E+01	9.01E+01	-1.09E+01	0.00E+00	0.00E+00	1.02E+03
VU48NCT	-1.06E-02	3.09E+00	-1.78E-02	3.33E+00	0.00E+00	0.00E+00	3.80E+00	-1.11E-03	-1.77E-03	2.17E-02	0.00E+00	4.45E-04	4.48E-08	-8.94E-08	1.50E-03	-3.80E+01	0.00E+00	0.00E+00	-1.27E+01	2.03E-01	-1.45E+01	0.00E+00	-1.62E-07	-2.81E-07	3.55E-02	-1.06E-04	-6.59E+00	0.00E+00	-1.45E+01	-3.94E-05	1.43E+01	-2.02E+01	4.66E+00	0.00E+00	0.00E+00	8.83E-02
VU48ND	2.33E-02	4.19E+00	1.81E-01	4.01E+00	0.00E+00	0.00E+00	4.64E+01	9.68E-03	6.48E-03	4.30E-02	0.00E+00	3.20E-18	8.15E-09	1.28E-07	3.33E-01	1.22E+00	0.00E+00	0.00E+00	3.78E+01	7.79E-18	6.78E+01	0.00E+00	1.63E-07	2.22E-07	1.23E-02	0.00E+00	6.78E+01	1.84E-05	6.78E+01	7.28E+01	5.47E+00	0.00E+00	0.00E+00	1.31E+03		
VU48NE	-1.69E-02	-4.60E+00	2.94E-01	-4.40E+00	0.00E+00	0.00E+00	1.25E+00	-1.07E-03	2.30E-03	3.38E-02	0.00E+00	-1.08E-03	2.92E-08	-7.10E-08	-3.39E-01	4.38E+01	0.00E+00	0.00E+00	9.20E+00	-5.01E-01	7.12E+01	0.00E+00	-3.13E-09	2.64E-07	-1.69E-02	-4.12E-04	4.73E+00	0.00E+00	7.12E+01	4.42E-05	7.12E+01	7.79E+01	4.73E+00	0.00E+00	0.00E+00	5.05E+02
VU48NG	-1.99E-02	6.68E-01	7.19E-03	3.20E+00	0.00E+00	0.00E+00	1.00E+01	2.02E-03	7.62E-04	2.48E-02	0.00E+00	-1.42E-04	-4.17E-09	-2.62E-07	2.95E-02	1.76E+01	0.00E+00	0.00E+00	5.54E+00	7.35E-02	8.81E+00	0.00E+00	2.30E-07	-2.89E-08	-1.58E-05	6.72E-05	-2.98E+00	0.00E+00	8.81E+00	-3.97E-05	8.81E+00	5.88E-01	3.88E+00	0.00E+00	0.00E+00	1.34E+02
VU48NH	-1.10E-02	3.60E+00	-6.88E-02	4.19E+00	0.00E+00	0.00E+00	8.74E-01	-1.63E-03	3.51E-04	2.07E-03	0.00E+00	6.68E-04	-5.32E-09	-5.02E-08	2.04E-01	3.24E+01	0.00E+00	0.00E+00	6.87E+00	2.38E-01	3.26E+01	0.00E+00	1.35E-07	-2.71E-07	1.69E-02	-1.75E-04	-3.37E+00	0.00E+00	1.32E+01	-6.77E-05	3.26E+01	3.29E+01	3.37E+00	0.00E+00	0.00E+00	4.37E+02
VU48NKM	-1.20E-02	-1.91E+00	1.00E-01	-1.41E+00	0.00E+00	0.00E+00	-1.17E+00	-8.42E-04	-4.34E-04	-1.50E-02	0.00E+00	-1.40E-04	-1.19E-07	-1.71E-02	-1.74E+01	0.00E+00	0.00E+00	5.02E+00	7.30E-02	-1.53E+01	0.00E+00	7.15E-08	7.74E-08	2.09E-03	-4.99E-05	3.01E+00	0.00E+00	-1.53E+01	-2.02E-05	-1.53E+01	2.22E+01	3.01E+00	0.00E+00	0.00E+00	2.32E+02	
VU48NN	-2.17E-02	4.85E+00	1.80E-01	4.72E+00	0.00E+00	0.00E+00	8.24E+00	1.88E-03	6.51E-04	4.21E-02	0.00E+00	6.69E-04	1.34E-09	1.37E-07	2.42E-01	4.73E+01	0.00E+00	0.00E+00	3.32E+00	2.40E-01	8.19E+01	0.00E+00	9.19E-07	3.17E-07	1.74E-02	2.21E-04	5.48E+00	0.00E+00	5.73E+01	6.36E-05	5.73E+01	6.98E+01	4.66E+00	0.00E+00	0.00E+00	7.46E+02
VU48NP	-1.82E-02	1.26E-02	1.05E-02	-1.64E+00	0.00E+00	0.00E+00	4.00E+00	-2.10E-03	6.23E-04	2.48E-02	0.00E+00	1.22E-04	-5.12E-09	-2.77E-07	1.70E-02	-2.14E+01	0.00E+00	0.00E+00	4.76E+00	8.80E-02	4.11E+00	0.00E+00	1.78E-07	-1.92E-07	3.10E-03	-8.15E-05	-1.38E+00	0.00E+00	4.11E+00	-4.65E-05	4.11E+00	-6.47E+01	-1.36E+00	0.00E+00	0.00E+00	1.26E+02
VU48NR	-6.61E-03	7.94E-01	9.09E-02	2.53E+00	0.00E+00	0.00E+00	3.08E+01	-1.49E-03	1.68E-04	-1.69E-02	0.00E+00	-6.29E-04	-2.94E-08	-1.83E-07	-2.55E-01	3.98E+01	0.00E+00	0.00E+00	1.40E+01	-2.83E-01	-1.87E+00	0.00E+00	3.09E-07	-1.11E-07	7.85E-03	2.29E-04	-1.01E+00	0.00E+00	-1.87E+00	-4.90E-05	-1.87E+00	-3.30E+00	-1.01E+00	0.00E+00	0.00E+00	4.42E+02
VU48NRM	-6.81E-03	2.73E+00	-1.11E-01	-3.09E+00	0.00E+00	0.00E+00	-1.11E+01	-1.09E-03	-2.86E-03	2.25E-02	0.00E+00	-4.03E-04	3.97E-08	4.56E-08	-1.49E-01	1.73E+01	0.00E+00	0.00E+00	-1.92E+01	-1.83E-01	3.55E+01	0.00E+00	-1.55E-07	2.20E-07	8.99E-03	-1.48E-04	6.42E-01	0.00E+00	3.55E+01	-2.72E-05	3.55E+01	3.64E+01	-4.42E-01	0.00E+00	0.00E+00	8.53E+02
VU48NSG	-7.22E-03	4.93E-02	4.92E-03	-1.65E+00	0.00E+00	0.00E+00	8.89E+00	-1.36E-03	8.16E-04	1.69E-02	0.00E+00	2.84E-04	-4.87E-09	-9.36E-08	2.07E-02	2.01E+01	0.00E+00	0.00E+00	5.92E+00	1.24E-01	2.51E+00	0.00E+00	1.69E-07	7.71E-09	1.28E-03	-1.07E-04	-1.48E+00	0.00E+00	2.51E+00	-4.44E-05	2.51E+00	6.55E+01	-1.48E+00	0.00E+00	0.00E+00	2.02E+02
VU48NW	-2.53E-02	4.83E+00	-1.05E-01	4.95E+00	0.00E+00	0.00E+00	-1.54E+01	-1.45E-03	3.69E-03	6.76E-02	0.00E+00	-5.70E-04	-4.63E-08	-1.33E-07	8.26E-02	-5.12E+01	0.00E+00	0.00E+00	2.25E+01	2.45E-01	-4.95E+01	0.00E+00	-1.94E-07	4.02E-07	3.17E-02	-1.58E-04	-1.12E+01	0.00E+00	-4.95E+01	-7.60E-05	-4.95E+01	5.32E+01	-1.12E+01	0.00E+00	0.00E+00	9.42E+02
VU48NWP	-2.21E-02	8.19E+00	2.94E-01	-7.95E+00	0.00E+00	0.00E+00	-2.12E+01	-1.89E-03	-5.06E-03	-8.60E-02	0.00E+00	-6.27E-04	-4.77E-08	-1.88E-07	-3.79E-01	-1.03E+01	0.00E+00	0.00E+00	-3.35E+01	-3.62E-01	9.88E+01	0.00E+00	-2.54E-07	-6.09E-07	2.93E-02	3.15E-04	-1.77E+01	0.00E+00	9.88E+01	4.11E-05	9.88E+01	-1.17E+02	-1.77E+01	0.00E+00	0.00E+00	1.42E+03
VU48UA	-1.98E-02	1.20E+00	-9.95E-03	-1.99E+00	0.00E+00	0.00E+00	8.05E+01	-1.33E-03	-1.52E-04	1.35E-02	0.00E+00	4.74E-04	-3.76E-08	-1.14E-07	-1.78E-01	3.36E+01	0.00E+00	0.00E+00	3.23E+00	2.40E-01	5.86E+00	0.00E+00	2.47E-07	-1.19E-07	2.72E-03	-2.46E-04	-7.12E-01	0.00E+00	3.23E+00	-2.81E-05	6.80E+00	9.90E+00	-1.20E+01	0.00E+00	0.00E+00	2.46E+01
VU48WWH	-1.70E-02	1.80E+00	-5.72E-02	5.10E+00	0.00E+00	0.00E+00	9.93E+00	-6.03E-04	-1.65E-03	6.72E-02	0.00E+00	2.86E-04	-3.74E-08	-2.53E-08	1.01E-01	4.67E+01	0.00E+00	0.00E+00	1.21E+00	1.49E-01	1.18E+00	0.00E+00	-1.52E-07	-4.29E-07	2.29E-02	-1.20E+01	0.00E+00	1.18E+00	-4.05E-05	1.18E+00	-1.66E+01	-7.12E+01	0.00E+00	0.00E+00	0.00E+00	7.87E+01
VU48WVV	-9.07E-03	-1.80E+00	-1.54E-02	-3.28E+00	0.00E+00	0.00E+00	8.20E+00	-9.55E-04	-1.20E-03	2.17E-02	0.00E+00	-4.13E-04	-4.48E-08	4.04E-08	3.78E-02	4.26E+01	0.00E+00	0.00E+00	4.35E+00	-1.90E-01	1.57E+00	0.00E+00	-1.59E-07	2.81E-07	-1.55E-02	-1.06E-04	4.70E+00	0.00E+00	1.57E+00	-3.31E-05	1.57E+00	-1.73E+01	4.70E+00	0.00E+00	0.00E+00	3.64E+02
VU601PLH	-1.62E-02	3.09E+00	8.92E-03	3.09E+00	0.00E+00	0.00E+00	1.04E+01	-1.70E-03	-1.12E-03	3.02E-02	0.00E+00	8.11E-19	4.64E-08	-1.30E-07	8.69E-02	6.16E+00	0.00E+00	0.00E+00	2.43E+01	3.10E-18	1.93E+01	0.00E+00	5.22E-08	3.24E-07	3.86E-02	0.00E+00	2.13E+00	0.00E+00	1.93E+01	4.05E-05	1.93E+01	2.14E+01	-3.13E+00	0.00E+00	0.00E+00	1.13E+03
VU602NWH	-1.37E-02	1.37E+00	6.22E-02	2.89E+00	0.00E+00	0.00E+00	8.34E+00	-1.77E-03	5.90E-04	2.19E-02	0.00E+00	4.52E-04	-3.44E-08	-3.89E-07	1.02E-01	-1.87E+01	0.00E+00	0.00E+00	-1.82E+01	1.70E-01	-1.44E+01	0.00E+00	9.35E-08	-1.83E-07	3.47E-02	-1.48E-04	8.94E-02	0.00E+00	-1.44E+01	-6.65E-05	-1.44E+01	-1.62E+01	3.94E-02	0.00E+00	0.00E+00	9.62E+02
VU602VWH	-1.28E-02	7.11E-01	6.55E-02	-2.64E+00	0.00E+00	0.00E+00	6.83E+00	-1.50E-03	2.03E-04	2.22E-02	0.00E+00	-3.87E-04	-3.71E-08	-3.81E-07	3.32E-02	-1.93E+01	0.00E+00	0.00E+00	-8.99E+00	-1.36E-01	6.38E+00	0.00E+00	-1.06E-07	-1.86E-07	-											

VZ102WN	-1.91E-03	2.01E-01	1.90E-02	-6.30E-02	0.00E+00	0.00E+00	0.00E+00	4.33E-04	2.61E-04	8.65E-04	0.00E+00	-7.60E-05	-7.32E-05	-4.85E-05	1.88E-02	4.55E-00	0.00E+00	0.00E+00	9.99E-00	2.26E-02	-1.70E-00	0.00E+00	1.07E-07	2.52E-08	1.31E-03	-2.02E-05	5.98E-01	0.00E+00	-1.70E-00	-1.28E-05	-1.70E-00	4.63E-00	5.98E-01	0.00E+00	0.00E+00	0.00E+00	3.42E-02
VZ103N	-3.88E-03	1.68E-01	2.48E-02	-3.97E-01	0.00E+00	0.00E+00	8.83E-00	-1.15E-04	2.53E-04	-4.88E-03	0.00E+00	-4.02E-05	-1.85E-05	1.83E-08	1.78E-02	-1.28E-01	0.00E+00	0.00E+00	8.35E-00	-1.90E-02	7.54E-00	0.00E+00	1.14E-07	2.20E-08	3.76E-04	2.90E-05	-2.32E-00	0.00E+00	7.54E-00	-5.97E-08	7.54E-00	1.99E-00	2.32E-00	0.00E+00	0.00E+00	0.00E+00	2.02E-02
VZ103V	-6.92E-03	9.43E-02	2.37E-02	-4.24E-01	0.00E+00	0.00E+00	8.65E-00	-1.65E-04	3.34E-05	6.45E-03	0.00E+00	-5.62E-05	-2.25E-05	6.93E-09	2.24E-02	-1.62E-01	0.00E+00	0.00E+00	8.30E-00	-2.89E-02	6.78E-00	0.00E+00	7.11E-08	2.95E-08	2.12E-04	-4.02E-05	2.38E-00	0.00E+00	6.78E-00	-4.50E-08	6.78E-00	3.99E-01	2.38E-00	0.00E+00	0.00E+00	0.00E+00	3.01E-02
VZ103W	-4.52E-03	1.07E-01	2.89E-02	7.78E-02	0.00E+00	0.00E+00	9.52E-00	2.61E-04	1.83E-04	5.19E-03	0.00E+00	-5.27E-05	1.98E-05	8.59E-09	3.95E-02	2.05E-01	0.00E+00	0.00E+00	8.84E-00	2.54E-02	7.99E-00	0.00E+00	7.59E-08	2.91E-04	2.70E-05	3.14E-05	2.71E-00	0.00E+00	7.99E-00	-9.13E-04	7.99E-00	3.83E-00	3.71E-00	0.00E+00	0.00E+00	0.00E+00	3.02E-02
VZ103WN	-3.51E-03	3.78E-01	2.06E-02	6.73E-01	0.00E+00	0.00E+00	8.63E-00	-4.20E-04	3.64E-04	-1.59E-03	0.00E+00	-3.30E-05	-7.28E-05	-5.05E-08	2.06E-02	-1.02E-01	0.00E+00	0.00E+00	1.02E-01	2.45E-02	-2.82E-00	0.00E+00	1.18E-07	3.95E-08	1.13E-03	-2.48E-05	-6.26E-01	0.00E+00	-2.82E-00	-1.29E-05	2.82E-00	8.27E-00	-2.26E-01	0.00E+00	0.00E+00	0.00E+00	3.71E-02
VZ103WV	-6.32E-03	4.44E-01	2.18E-02	-4.95E-01	0.00E+00	0.00E+00	8.63E-00	-1.47E-04	2.23E-04	3.68E-03	0.00E+00	-17.21E-05	-5.04E-05	-3.98E-08	2.48E-02	-1.45E-01	0.00E+00	0.00E+00	9.39E-00	-2.39E-02	2.90E-00	0.00E+00	7.55E-08	3.17E-08	9.48E-04	3.27E-05	-4.05E-01	0.00E+00	-2.90E-00	-1.50E-05	2.90E-00	9.31E-00	-4.05E-01	0.00E+00	0.00E+00	0.00E+00	3.84E-02
VZ104V	-5.52E-03	2.09E-01	2.41E-02	-3.96E-01	0.00E+00	0.00E+00	8.70E-00	-1.62E-04	4.25E-04	7.46E-03	0.00E+00	-5.64E-05	1.51E-05	1.14E-09	3.95E-02	1.37E-01	0.00E+00	0.00E+00	8.99E-00	-2.95E-02	1.02E-01	0.00E+00	7.48E-08	3.77E-08	3.16E-04	3.94E-05	2.02E-00	0.00E+00	1.02E-01	-9.95E-04	1.02E-01	4.01E-00	-2.02E-00	0.00E+00	0.00E+00	0.00E+00	3.57E-02
VZ104W	-4.89E-03	6.20E-02	2.45E-02	4.44E-01	0.00E+00	0.00E+00	8.07E-00	-1.92E-04	8.91E-04	6.50E-03	0.00E+00	-8.10E-05	-1.50E-05	6.13E-09	3.65E-02	2.31E-01	0.00E+00	0.00E+00	8.99E-00	2.86E-02	9.81E-00	0.00E+00	8.89E-08	2.51E-08	3.87E-04	-4.29E-05	-2.88E-00	0.00E+00	9.81E-00	-4.13E-04	6.17E-00	2.30E-00	6.88E-00	0.00E+00	0.00E+00	0.00E+00	3.38E-02
VZ104WN	-1.57E-03	2.86E-02	2.75E-02	5.38E-01	0.00E+00	0.00E+00	8.46E-00	-5.90E-04	3.95E-04	1.10E-03	0.00E+00	-4.83E-05	1.16E-05	2.24E-08	2.14E-02	-8.58E-00	0.00E+00	0.00E+00	1.09E-01	2.10E-02	4.17E-00	0.00E+00	1.21E-07	3.33E-08	2.44E-03	2.21E-05	-4.81E-01	0.00E+00	4.17E-00	2.68E-07	4.17E-00	4.99E-01	-4.81E-01	0.00E+00	0.00E+00	0.00E+00	4.16E-02
VZ104WV	-6.38E-03	-4.87E-01	2.25E-02	-5.17E-01	0.00E+00	0.00E+00	8.57E-00	-4.40E-04	2.22E-04	3.40E-03	0.00E+00	-17.34E-05	-5.82E-05	3.14E-08	3.20E-02	-1.34E-01	0.00E+00	0.00E+00	9.55E-00	-2.48E-02	2.26E-00	0.00E+00	7.27E-08	3.34E-08	1.42E-03	3.03E-05	-2.83E-01	0.00E+00	2.26E-00	-1.49E-05	-2.28E-00	6.12E-00	-2.83E-01	0.00E+00	0.00E+00	0.00E+00	3.94E-02
VZ105N	1.06E-02	2.28E-00	1.13E-01	2.17E-00	0.00E+00	0.00E+00	3.36E-01	6.78E-05	1.99E-03	2.19E-02	0.00E+00	1.29E-18	5.66E-09	7.22E-09	1.79E-01	6.00E-00	0.00E+00	0.00E+00	2.25E-01	4.38E-18	3.68E-01	0.00E+00	2.72E-07	1.19E-07	6.13E-03	0.00E+00	3.83E-00	0.00E+00	3.68E-01	8.50E-04	3.68E-01	4.05E-01	3.83E-00	0.00E+00	0.00E+00	0.00E+00	7.95E-02
VZ105WN	-4.85E-03	3.82E-01	2.96E-02	2.34E-01	0.00E+00	0.00E+00	1.98E-01	-2.69E-04	1.03E-03	6.51E-03	0.00E+00	-8.80E-05	-6.87E-11	1.67E-08	8.65E-02	-2.04E-01	0.00E+00	0.00E+00	1.26E-01	3.93E-02	1.12E-01	0.00E+00	2.46E-07	5.80E-08	8.42E-04	-4.48E-05	-2.70E-00	0.00E+00	1.12E-01	-9.87E-06	1.12E-01	9.23E-00	2.70E-00	0.00E+00	0.00E+00	0.00E+00	4.23E-02
VZ105WV	-7.02E-03	2.19E-00	1.42E-02	-1.21E-00	0.00E+00	0.00E+00	9.08E-00	-5.77E-04	-1.03E-03	7.96E-03	0.00E+00	-1.75E-04	3.74E-08	6.95E-08	2.85E-02	-1.20E-01	0.00E+00	0.00E+00	1.72E-01	-1.02E-01	2.34E-01	0.00E+00	3.89E-08	1.24E-07	9.24E-03	5.67E-05	-9.98E-01	0.00E+00	-2.19E-05	2.34E-01	2.38E-01	-9.95E-01	0.00E+00	0.00E+00	0.00E+00	7.43E-02	
VZ105WN	-6.52E-03	2.16E-00	1.85E-02	-1.29E-00	0.00E+00	0.00E+00	9.30E-00	-6.12E-04	1.02E-03	8.42E-03	0.00E+00	-2.31E-04	3.74E-08	6.95E-08	2.85E-02	-1.45E-01	0.00E+00	0.00E+00	1.58E-00	1.24E-01	2.44E-01	0.00E+00	2.58E-08	1.24E-07	9.24E-03	8.93E-05	-7.72E-01	0.00E+00	2.44E-01	-2.32E-05	2.44E-01	2.94E-00	7.72E-01	0.00E+00	0.00E+00	0.00E+00	5.13E-02
VZ111N	-2.35E-03	-6.29E-01	-1.16E-02	3.85E-01	0.00E+00	0.00E+00	3.07E-00	-2.84E-04	7.15E-05	-1.33E-03	0.00E+00	-3.36E-04	-4.16E-10	-2.77E-10	-1.32E-01	-1.02E-01	0.00E+00	0.00E+00	6.00E-01	-1.02E-01	-1.89E-01	0.00E+00	1.10E-08	-1.16E-08	4.81E-04	3.96E-05	-1.28E-00	0.00E+00	-1.89E-01	-1.16E-05	-1.89E-01	-1.69E-01	-1.28E-00	0.00E+00	0.00E+00	0.00E+00	-6.13E-00
VZ112N	-2.35E-03	-6.29E-01	-1.16E-02	3.85E-01	0.00E+00	0.00E+00	3.07E-00	-2.84E-04	7.15E-05	-1.33E-03	0.00E+00	-3.36E-04	-4.16E-10	-2.77E-10	-1.32E-01	-1.02E-01	0.00E+00	0.00E+00	6.00E-01	-1.02E-01	-1.89E-01	0.00E+00	1.10E-08	-1.16E-08	4.81E-04	3.96E-05	-1.28E-00	0.00E+00	-1.89E-01	-1.16E-05	-1.89E-01	-1.69E-01	-1.28E-00	0.00E+00	0.00E+00	0.00E+00	-6.13E-00
VZ113N	-2.44E-03	-5.41E-01	-1.19E-02	3.95E-01	0.00E+00	0.00E+00	3.04E-00	-3.02E-04	4.84E-05	-1.48E-03	0.00E+00	-3.42E-04	2.16E-09	2.94E-09	-1.31E-01	1.06E-01	0.00E+00	0.00E+00	1.65E-01	-1.04E-01	1.92E-01	0.00E+00	1.15E-08	-1.16E-08	4.16E-04	3.31E-05	-1.29E-00	0.00E+00	1.92E-01	-1.20E-05	-1.92E-01	-1.79E-01	-1.29E-00	0.00E+00	0.00E+00	0.00E+00	1.69E-01
VZ114N	-2.60E-03	-5.26E-01	-1.18E-02	3.85E-01	0.00E+00	0.00E+00	3.07E-00	-3.02E-04	4.56E-05	-1.34E-03	0.00E+00	-3.40E-04	9.42E-10	-2.82E-08	-1.31E-01	1.06E-01	0.00E+00	0.00E+00	6.69E-01	-1.02E-01	1.91E-01	0.00E+00	1.11E-08	-1.16E-08	4.23E-04	3.26E-05	-1.29E-00	0.00E+00	1.91E-01	-1.21E-05	-1.91E-01	-1.74E-01	-1.29E-00	0.00E+00	0.00E+00	0.00E+00	8.92E-01
VZ115N	-2.81E-03	-7.44E-01	-2.34E-02	-5.49E-01	0.00E+00	0.00E+00	4.79E-00	-3.88E-04	-5.35E-04	4.39E-03	0.00E+00	-1.63E-04	-1.92E-08	-2.80E-08	-1.46E-01	-3.04E-00	0.00E+00	0.00E+00	1.32E-00	1.06E-01	2.17E-01	0.00E+00	1.27E-08	-2.69E-08	3.48E-03	5.31E-05	-6.98E-01	0.00E+00	-2.17E-01	-1.96E-05	2.17E-01	2.00E-01	-6.98E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E-02
VZ121N	-2.31E-03	4.30E-01	-1.94E-02	2.49E-01	0.00E+00	0.00E+00	-5.22E-01	-1.60E-04	3.96E-05	-2.86E-04	0.00E+00	-8.71E-05	-1.21E-05	-1.12E-08	-1.74E-02	1.51E-01	0.00E+00	0.00E+00	-9.05E-01	-1.33E-02	3.38E-00	0.00E+00	2.15E-08	-1.93E-08	1.03E-03	4.02E-05	-1.97E-00	0.00E+00	3.38E-00	4.15E-08	-3.38E-00	6.54E-00	-1.97E-00	0.00E+00	0.00E+00	0.00E+00	5.29E-01
VZ122N	-1.12E-03	2.76E-01	-1.14E-02	9.90E-01	0.00E+00	0.00E+00	6.14E-01	-1.40E-04	8.21E-04	-7.52E-04	0.00E+00	-4.80E-05	-6.57E-09	-1.56E-02	1.50E-00	0.00E+00	0.00E+00	0.00E+00	-6.90E-01	1.43E-02	3.09E-00	0.00E+00	1.07E-08	-1.43E-08	6.38E-04	-2.90E-05	-1.96E-00	0.00E+00	3.09E-00	-4.24E-00	3.09E-00	6.52E-00	-1.96E-00	0.00E+00	0.00E+00	0.00E+00	3.56E-01
VZ122W	-1.62E-03	2.10E-01	-8.54E-03	3.22E-01	0.00E+00	0.00E+00	6.87E-01	-2.46E-04	-1.57E-05	-1.37E-03	0.00E+00	-8.85E-05	-1.35E-05	-1.29E-08	8.88E-03	-2.55E-01	0.00E+00	0.00E+00	-9.48E-01	3.32E-02	2.98E-00	0.00E+00	1.30E-08	-1.58E-08	8.15E-04	2.90E-05	-3.00E-00	0.00E+00	2.98E-00	-7.13E-04	2.98E-00	-5.61E-00	-3.05E-00	0.00E+00	0.00E+00	0.00E+00	4.27E-01
VZ123N	-1.40E-03	-1.59E-01	6.89E-03	-3.08E-01	0.00E+00	0.00E+00	-5.14E-01	-1.53E-04	6.93E-05	-3.86E-04	0.00E+00	-4.09E-05	-1.09E-09	4.11E-09	-7.39E-03	-1.48E-01	0.00E+00	0.00E+00	-3.84E-01	-2.92E-02	2.31E-00	0.00E+00	1.89E-08	-1.41E-08	-4.02E-04	2.17E-05	-1.74E-00	0.00E+00	2.31E-00	-5.02E-04	2.31E-00	4.61E-00	-1.74E-00	0.00E+00	0.00E+00	0.00E+00	2.60E-01
VZ123W	-5.42E-03	1.53E-00	1.16E-02	-1.52E-00	0.00E+00	0.00E+00	1.12E-00	2.95E-04	9.33E-04	-1.12E-02	0.00E+00	3.00E+00	8.28E-09	3.02E-09	-1.69E-02	4.21E-01	0.00E+00	0.00E+00	6.09E-00	3.00E+00	1.04E-01	0.00E+00	-4.02E-08	9.76E-04	8.91E-03	0.00E+00	6.99E-00	0.00E+00	1.04E-01	-1.59E-05	1.04E-01	1.68E-00	6.99E-00	0.00E+00	0.00E+00	0.00E+00	2.52E-02
VZ124N	-4.62E-04	2.20E-01	2.75E-02	1.36E-01	0.00E+00	0.00E+00	1.06E-01	-1.28E-04	4.40E-04	2.25E-03	0.00E+00	-9.37E-05	1.70E-09	1.78E-08	1.17E-02	-1.53E-01	0.00E+00	0.00E+00	1.09E-01	1.37E-02	6.44E-00	0.00E+00	6.97E-08	5.11E-08	1.73E-03	3.11E-05	-9.71E-01	0.00E+00	6.44E-00	-4.91E-06	6.44E-00	1.76E-00	7.71E-01	0.00E+00			

VZ36CHU	-2.05E-02	4.11E+00	3.81E-02	4.07E+00	0.00E+00	0.00E+00	1.23E+01	-1.36E-03	-2.46E-03	4.16E-02	0.00E+00	1.26E-19	-3.84E-08	-1.24E-07	-3.61E-02	6.10E+00	0.00E+00	0.00E+00	2.56E+01	4.90E-19	3.87E+01	0.00E+00	-1.50E-07	-3.41E-07	2.02E-02	0.00E+00	3.15E+00	0.00E+00	3.87E+01	-7.36E-05	3.87E+01	4.19E+01	3.15E+00	0.00E+00	0.00E+00	0.00E+00	1.06E+03
VZ36MME	-8.98E-03	3.59E-01	-1.80E-02	5.21E-01	0.00E+00	0.00E+00	8.88E-01	-0.17E-04	4.38E-04	2.68E-03	0.00E+00	-1.77E-04	2.76E-08	6.48E-08	2.17E-02	-1.99E+01	0.00E+00	0.00E+00	-1.70E+00	7.54E-02	3.11E+00	0.00E+00	1.49E-08	-2.91E-08	3.67E-03	5.33E-05	-2.69E+00	0.00E+00	3.11E+00	-3.95E-05	3.11E+00	5.21E+00	2.69E+00	0.00E+00	0.00E+00	0.00E+00	-1.20E+02
VZ36MMK	-8.93E-03	3.59E-01	1.80E-02	-5.22E-01	0.00E+00	0.00E+00	8.88E-01	9.18E-04	4.38E-04	2.68E-03	0.00E+00	-1.78E-04	2.96E-08	6.48E-08	2.17E-02	-1.99E+01	0.00E+00	0.00E+00	-1.77E+00	7.54E-02	3.11E+00	0.00E+00	1.58E-08	2.89E-08	3.67E-03	5.37E-05	2.69E+00	0.00E+00	3.11E+00	-3.95E-05	3.11E+00	5.21E+00	2.69E+00	0.00E+00	0.00E+00	0.00E+00	-1.19E+02
VZ36NAV	-2.61E-02	2.60E-01	2.14E-02	3.56E-02	0.00E+00	0.00E+00	2.26E+00	3.75E-03	4.12E-04	6.64E-03	0.00E+00	-5.20E-05	6.57E-09	4.46E-07	2.26E-04	1.26E+01	0.00E+00	0.00E+00	3.12E+00	4.34E-02	2.54E+00	0.00E+00	7.29E-08	2.92E-08	3.66E-03	3.48E-05	1.48E+00	0.00E+00	2.54E+00	9.76E-05	2.54E+00	6.21E+00	3.48E+00	0.00E+00	0.00E+00	0.00E+00	2.03E+02
VZ36NRK	-1.80E-02	1.83E+00	4.03E-02	-1.81E+00	0.00E+00	0.00E+00	1.46E+01	-1.66E-03	-3.68E-04	2.92E-02	0.00E+00	2.45E-04	-3.96E-08	-1.67E-07	8.40E-02	-1.38E+01	0.00E+00	0.00E+00	5.92E+00	1.06E-01	1.27E+01	0.00E+00	1.90E-07	-1.14E-07	3.13E-02	-1.64E-04	-1.94E+00	0.00E+00	-1.27E+01	-7.38E-05	1.27E+01	-1.47E+01	-1.94E+00	0.00E+00	0.00E+00	0.00E+00	-3.96E+02
VZ36NUH	-3.40E-02	3.20E+00	4.99E-02	-2.98E+00	0.00E+00	0.00E+00	-1.21E+01	3.39E-03	-3.66E-03	4.25E-02	0.00E+00	2.79E-04	-1.73E-08	6.52E-07	-1.52E-01	2.54E+01	0.00E+00	0.00E+00	-1.98E+01	-1.20E-01	3.36E+01	0.00E+00	-1.33E-07	-3.33E-07	-1.79E-02	-1.32E-04	2.98E+00	0.00E+00	3.36E+01	-1.21E-04	3.36E+01	3.31E+01	2.98E+00	0.00E+00	0.00E+00	0.00E+00	-9.12E+02
VZ406	-1.49E-04	9.64E-02	6.42E-02	6.66E-02	0.00E+00	0.00E+00	9.99E-02	3.39E-04	5.99E-05	-1.64E-04	0.00E+00	-3.48E-05	7.29E-10	-1.42E-09	-1.51E-02	5.75E-01	0.00E+00	0.00E+00	4.24E-02	2.17E-02	2.42E+00	0.00E+00	1.24E-08	6.92E-09	-1.60E-04	1.67E-05	-1.72E-01	0.00E+00	2.42E+00	4.92E-05	2.42E+00	3.10E+00	1.72E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+01
VZ408	8.32E-06	1.26E-01	8.32E-02	8.99E-02	0.00E+00	0.00E+00	2.81E-01	-1.50E-05	6.00E-05	6.37E-04	0.00E+00	7.98E-05	6.63E-10	4.20E-09	-1.43E-02	-1.36E+00	0.00E+00	0.00E+00	2.99E-02	2.79E-02	2.96E+00	0.00E+00	1.94E-08	-9.01E-09	5.53E-04	-1.84E-05	-2.92E-01	0.00E+00	2.96E+00	6.92E-05	2.96E+00	3.57E+00	9.20E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+01
VZ411N	-3.02E-05	6.17E-02	8.23E-04	7.49E-02	0.00E+00	0.00E+00	1.40E-01	-8.99E-05	5.48E-05	5.99E-05	0.00E+00	-4.82E-05	6.63E-10	-3.88E-09	-3.37E-02	6.62E-01	0.00E+00	0.00E+00	3.00E-02	2.55E-02	2.61E+00	0.00E+00	3.14E-08	-8.17E-09	-1.48E-04	-1.43E-05	-1.73E-01	0.00E+00	2.61E+00	-8.14E-07	2.61E+00	3.25E+00	-1.73E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+01
VZ418	6.98E-04	2.49E-01	6.18E-03	5.99E-02	0.00E+00	0.00E+00	-1.90E-01	4.66E-07	1.00E-03	3.60E-04	0.00E+00	-4.47E-05	-1.93E-10	-7.39E-09	-1.11E-02	1.69E+00	0.00E+00	0.00E+00	1.51E-01	-1.62E-02	2.24E+00	0.00E+00	2.64E-08	-7.92E-09	3.38E-04	2.21E-05	-1.75E-01	0.00E+00	2.24E+00	2.27E-05	2.24E+00	3.07E+00	-1.75E-01	0.00E+00	0.00E+00	0.00E+00	-1.14E+01
VZ451N	-1.73E-04	-1.30E-01	6.74E-03	-1.02E-01	0.00E+00	0.00E+00	6.53E-01	-1.69E-04	5.33E-05	5.88E-04	0.00E+00	-1.10E-05	5.33E-10	-7.89E-09	-1.72E-02	1.10E+00	0.00E+00	0.00E+00	-1.61E-01	1.50E-02	3.02E+00	0.00E+00	1.12E-08	-8.92E-09	-3.59E-04	-1.64E-05	-3.38E-01	0.00E+00	3.02E+00	-1.52E-04	3.02E+00	3.60E+00	-3.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
VZ452N	6.67E-04	3.56E-02	6.74E-03	7.90E-02	0.00E+00	0.00E+00	6.48E-01	-1.84E-04	8.27E-05	6.55E-04	0.00E+00	-6.75E-05	9.99E-10	-7.34E-09	-1.41E-02	-9.97E-01	0.00E+00	0.00E+00	-1.41E-01	2.52E-02	2.81E+00	0.00E+00	2.53E-08	-8.71E-09	3.48E-05	-1.91E-05	-2.99E-01	0.00E+00	2.81E+00	-2.34E-06	2.81E+00	3.12E+00	-2.99E-01	0.00E+00	0.00E+00	0.00E+00	-1.83E+01
VZ453N	-8.84E-04	2.02E-01	1.14E-02	-1.29E-01	0.00E+00	0.00E+00	6.30E-01	-1.95E-04	1.04E-04	1.62E-04	0.00E+00	-1.791E-05	2.11E-09	7.84E-09	-1.75E-02	-1.37E+00	0.00E+00	0.00E+00	-1.88E-01	-3.99E-02	7.90E+00	0.00E+00	3.09E-08	-1.17E-08	-1.69E-04	3.99E-05	-4.96E-01	0.00E+00	7.90E+00	-2.25E-06	7.90E+00	1.06E+01	-4.96E-01	0.00E+00	0.00E+00	0.00E+00	-2.27E+01
VZ454N	-3.76E-03	3.23E-01	1.11E-02	3.21E-02	0.00E+00	0.00E+00	7.56E-01	2.10E-04	1.02E-04	9.02E-04	0.00E+00	-2.700E-05	1.09E-09	-7.01E-03	6.16E+00	0.00E+00	0.00E+00	4.24E-01	2.69E-02	5.29E+00	0.00E+00	3.16E-08	-6.47E-09	4.59E-04	2.91E-05	-7.53E-01	0.00E+00	5.29E+00	2.29E-05	5.29E+00	6.94E+00	7.53E-01	0.00E+00	0.00E+00	0.00E+00	3.25E+01	
VZ455M	6.04E-04	4.20E-01	-1.80E-02	4.42E-01	0.00E+00	0.00E+00	7.52E-01	-2.00E-04	-4.34E-04	-2.00E-03	0.00E+00	3.90E-05	-1.73E-10	-1.03E-09	-1.98E-02	-9.13E+00	0.00E+00	0.00E+00	-4.44E-01	2.79E-02	6.80E+00	0.00E+00	3.49E-08	-1.18E-08	7.02E-04	3.54E-05	-1.99E+00	0.00E+00	6.80E+00	-1.25E-06	6.80E+00	-1.09E+01	-1.99E+00	0.00E+00	0.00E+00	0.00E+00	-2.84E+01
VZ461	-1.91E-02	-1.09E-01	-1.20E-02	-1.01E-01	0.00E+00	0.00E+00	2.10E+00	-2.39E-01	-2.10E-04	2.86E-03	0.00E+00	-1.87E-05	-4.09E-09	-3.21E-07	-1.58E-02	-1.58E+00	0.00E+00	0.00E+00	2.15E+00	-3.34E-02	2.77E+00	0.00E+00	1.26E-08	4.30E-08	2.63E-03	-2.49E-05	-8.47E-01	0.00E+00	2.77E+00	-4.81E-05	2.77E+00	-4.53E+00	-8.47E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+02
VZ462	-5.52E-02	-1.06E-01	9.79E-05	-1.59E-02	0.00E+00	0.00E+00	1.38E-01	3.21E-03	-5.52E-04	3.78E-03	0.00E+00	-8.79E-05	4.38E-09	3.76E-07	-1.71E-03	1.45E+00	0.00E+00	0.00E+00	4.27E-01	3.44E-02	1.23E+00	0.00E+00	2.55E-08	4.05E-08	2.95E-03	2.23E-05	7.74E-01	0.00E+00	1.23E+00	-7.30E-05	1.23E+00	3.22E+00	7.74E-01	0.00E+00	0.00E+00	0.00E+00	5.16E+01
VZ463	-2.21E-02	1.39E-01	2.19E-02	6.63E-01	0.00E+00	0.00E+00	6.72E+00	3.25E-03	-1.07E-04	-1.91E-03	0.00E+00	-1.61E-04	4.56E-09	3.32E-07	-1.05E-03	8.73E+00	0.00E+00	0.00E+00	4.62E+00	5.12E-02	2.94E+00	0.00E+00	1.64E-07	-2.23E-08	3.79E-03	-3.16E-05	-1.34E+00	0.00E+00	2.94E+00	-7.05E-05	2.94E+00	3.67E+00	-1.34E+00	0.00E+00	0.00E+00	0.00E+00	9.17E+01
VZ473	3.43E-04	1.42E-01	6.48E-03	6.99E-02	0.00E+00	0.00E+00	6.33E-01	-1.95E-04	6.57E-05	1.57E-04	0.00E+00	-3.49E-05	6.81E-10	-9.39E-09	-1.28E-02	-1.73E+00	0.00E+00	0.00E+00	-1.75E-01	1.26E-02	2.45E+00	0.00E+00	1.18E-08	7.22E-09	1.39E-04	-1.60E-05	-1.21E-01	0.00E+00	2.45E+00	3.93E-06	2.45E+00	3.67E+00	-1.21E-01	0.00E+00	0.00E+00	0.00E+00	-1.73E+01
VZ48AU	-1.91E-02	2.47E-01	1.71E-02	6.92E-01	0.00E+00	0.00E+00	7.17E+00	3.62E-02	2.17E-04	-1.17E-02	0.00E+00	-6.88E-05	3.96E-09	3.02E-07	5.91E-02	1.67E+01	0.00E+00	0.00E+00	6.79E+00	-4.20E-02	3.56E+00	0.00E+00	1.02E-07	2.25E-08	-4.98E-04	3.53E-05	-1.52E+00	0.00E+00	3.56E+00	-4.22E-05	3.56E+00	2.40E+00	-1.52E+00	0.00E+00	0.00E+00	0.00E+00	2.18E+02
VZ48CAV	-1.52E-03	4.28E-01	2.30E-04	1.42E-01	0.00E+00	0.00E+00	1.56E+01	-3.32E-04	1.06E-03	4.18E-03	0.00E+00	1.90E-05	-1.84E-09	-1.53E-08	1.63E-02	7.02E+00	0.00E+00	0.00E+00	4.44E-01	7.98E-19	3.84E+00	0.00E+00	1.84E-08	-6.47E-08	3.29E-03	0.00E+00	-1.32E+00	0.00E+00	3.84E+00	-3.28E-06	3.84E+00	6.07E+00	3.28E-06	0.00E+00	0.00E+00	0.00E+00	2.12E+02
VZ48CHU	-5.06E-02	6.97E+00	-1.14E-02	-5.86E+00	0.00E+00	0.00E+00	2.27E+01	-3.84E-03	-5.69E-03	6.84E-02	0.00E+00	-2.54E-04	1.84E-08	-4.21E-07	-1.69E-01	-2.25E+01	0.00E+00	0.00E+00	-3.64E+01	-1.17E-01	6.88E+01	0.00E+00	2.36E-07	-4.75E-07	2.95E-02	-6.88E-05	-5.92E+00	0.00E+00	6.88E+01	-1.52E-04	6.88E+01	7.27E+01	5.92E+00	0.00E+00	0.00E+00	0.00E+00	-1.53E+03
VZ48MME	-9.20E-03	3.59E-01	1.78E-02	-5.21E-01	0.00E+00	0.00E+00	8.88E-01	9.01E-04	4.37E-04	2.73E-03	0.00E+00	-1.77E-04	2.75E-08	6.48E-08	2.20E-02	-1.97E+01	0.00E+00	0.00E+00	-1.67E+00	-7.64E-02	3.26E+00	0.00E+00	1.58E-08	2.88E-08	3.67E-03	5.33E-05	2.72E+00	0.00E+00	3.26E+00	-3.95E-05	3.26E+00	5.28E+00	2.72E+00	0.00E+00	0.00E+00	0.00E+00	-1.17E+02
VZ48MMK	-8.93E-03	3.59E-01	1.79E-02	-5.22E-01	0.00E+00	0.00E+00	8.88E-01	9.18E-04	4.37E-04	2.69E-03	0.00E+00	-1.78E-04	2.96E-08	6.48E-08	2.20E-02	-1.99E+01	0.00E+00	0.00E+00	-1.77E+00	-7.62E-02	3.11E+00	0.00E+00	1.65E-08	2.87E-08	3.67E-03	5.37E-05	2.69E+00	0.00E+00	3.11E+00	-3.95E-05	3.11E+00	5.28E+00	2.69E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+02
VZ48NAV	-1.81E-02	2.70E-01	3.96E-02	1.41E-01	0.00E+00	0.00E+00	9.54E+00	-3.51E-03	2.74E-04	7.04E-03	0.00E+00	-1.27E-04	5.81E-09	2.98E-07	1.68E-02	-2.02E+01	0.00E+00	0.00E+00	1.04E+01	7.82E-02	4.11E+00	0.00E+00	1.97E-07	-1.84E-08	3.42E-03	-7.55E-05	-1.17E+00	0.00E+00	4.11E+00	-8.36E-05	4.11E+00	4.30E+00	-1.17E+00	0.00E+00	0.00E+00		

VZ691N	-1.37E-04	-7.42E-02	4.13E-03	6.36E-02	0.00E+00	0.00E+00	3.39E-01	1.18E-04	1.35E-04	8.89E-05	0.00E+00	2.38E-05	5.09E-10	1.20E-09	3.69E-02	1.99E+00	0.00E+00	0.00E+00	7.97E-02	3.30E-02	2.78E+00	0.00E+00	9.37E-09	7.69E-02	2.48E-04	3.19E-05	5.44E-01	0.00E+00	2.78E+00	4.45E-04	2.78E+00	3.11E+00	5.44E-01	0.00E+00	0.00E+00	0.00E+00	9.79E+00
VZ696N	-1.93E-04	4.65E-02	-3.31E-04	4.62E-02	0.00E+00	0.00E+00	1.797E-02	6.48E-05	-2.61E-05	3.17E-04	0.00E+00	0.00E+00	-1.85E-10	-7.10E-10	-5.39E-04	2.75E+00	0.00E+00	0.00E+00	-1.47E-01	0.00E+00	2.74E-01	0.00E+00	-1.43E-09	-3.12E-09	-1.25E-04	0.00E+00	-1.42E-01	0.00E+00	2.74E-01	-3.43E-07	2.74E-01	-6.86E-01	-1.42E-01	0.00E+00	0.00E+00	0.00E+00	5.97E+00
VZ704N	-1.14E-03	2.62E-01	-7.55E-03	3.92E-01	0.00E+00	0.00E+00	1.53E-01	-3.04E-05	1.11E-04	6.13E-04	0.00E+00	-1.05E-04	-9.45E-11	-6.59E-09	7.21E-02	0.00E+00	0.00E+00	0.00E+00	2.70E-01	-3.93E-02	-1.24E-01	0.00E+00	9.33E-09	-7.20E-09	-4.30E-04	-1.36E-05	-4.62E-01	0.00E+00	-1.44E-01	-1.50E-06	-1.44E-01	-1.28E-01	-4.62E-01	0.00E+00	0.00E+00	0.00E+00	6.32E+00
VZ710	6.96E-03	-3.13E-01	6.94E-03	-2.43E-01	0.00E+00	0.00E+00	-1.95E+00	2.36E-03	5.64E-04	-4.81E-03	0.00E+00	-1.51E-04	-3.96E-09	-7.73E-06	-2.29E-02	7.22E+00	0.00E+00	0.00E+00	-1.30E+00	-17.07E-02	6.78E+00	0.00E+00	1.13E-08	3.21E-08	2.04E-03	5.42E-02	2.57E+00	0.00E+00	6.78E+00	-5.22E-05	6.78E+00	6.35E+00	2.57E+00	0.00E+00	0.00E+00	0.00E+00	7.15E+00
VZ717	-4.09E-03	-1.79E-01	8.32E-03	3.45E-02	0.00E+00	0.00E+00	1.84E+01	2.84E-04	4.91E-04	-2.46E-03	0.00E+00	-1.30E-04	-4.29E-09	-2.95E-09	4.74E-02	1.35E+00	0.00E+00	0.00E+00	4.38E+00	-1.42E-02	2.12E+00	0.00E+00	2.17E-07	-1.73E-08	-3.30E-03	4.96E-05	2.33E+00	0.00E+00	2.12E+00	-2.13E-05	2.12E+00	3.35E-02	2.32E+00	0.00E+00	0.00E+00	0.00E+00	2.62E+01
VZ722	-2.35E-04	6.47E-02	-9.95E-03	3.74E-02	0.00E+00	0.00E+00	9.30E-02	-3.25E-04	6.36E-05	-1.86E-04	0.00E+00	-4.92E-05	-7.04E-10	-4.35E-09	-1.64E-02	-2.83E+00	0.00E+00	0.00E+00	1.04E-02	1.81E-02	2.78E+00	0.00E+00	8.91E-09	-7.56E-09	1.62E-04	-1.06E-05	-5.34E-01	0.00E+00	2.78E+00	-2.47E-06	2.78E+00	3.17E+00	-5.34E-01	0.00E+00	0.00E+00	0.00E+00	1.11E+01
VZ723	-3.00E-03	-1.13E-01	1.68E-02	-8.59E-02	0.00E+00	0.00E+00	6.80E-02	2.57E-04	6.33E-05	2.89E-04	0.00E+00	-6.92E-05	-8.09E-10	-2.85E-08	-1.92E-02	7.06E+00	0.00E+00	0.00E+00	7.69E-03	-5.31E-02	3.57E+00	0.00E+00	8.91E-09	7.80E-09	-2.12E-04	-2.49E-05	6.42E-01	0.00E+00	3.57E+00	-7.08E-06	3.57E+00	3.76E+00	-6.42E-01	0.00E+00	0.00E+00	0.00E+00	1.12E+01
VZ724	-4.72E-03	-1.01E-01	2.42E-02	-1.15E-01	0.00E+00	0.00E+00	9.44E-02	3.61E-04	1.16E-04	0.00E+00	-1.16E-04	8.71E-10	-3.88E-09	-2.22E-02	8.88E+00	0.00E+00	0.00E+00	1.69E-02	8.79E-02	4.02E+00	0.00E+00	8.99E-09	9.01E-09	3.44E-04	5.51E-05	-6.97E-01	0.00E+00	4.02E+00	-6.19E-04	-4.02E-02	4.29E+00	-1.15E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+01	
VZ728	-1.43E-04	1.68E-01	-1.77E-02	7.23E-01	0.00E+00	0.00E+00	1.89E-02	-3.07E-04	3.65E-04	1.48E-04	0.00E+00	-1.62E-04	5.13E-10	-7.45E-08	3.74E-02	8.16E+00	0.00E+00	0.00E+00	6.80E-02	4.64E-02	1.07E-01	0.00E+00	5.45E-08	-1.13E-10	3.12E-03	6.86E-05	-1.34E+00	0.00E+00	1.07E-01	-1.14E-05	1.04E-01	-1.34E+00	0.00E+00	0.00E+00	0.00E+00	8.66E+01	
VZ730	-5.54E-03	-3.55E-02	2.51E-02	3.95E-02	0.00E+00	0.00E+00	9.38E-02	-5.69E-04	2.30E-04	-4.54E-04	0.00E+00	-1.40E-04	8.75E-10	4.29E-08	2.50E-02	-1.02E+00	0.00E+00	0.00E+00	-1.96E-02	17.12E-02	4.15E+00	0.00E+00	9.87E-09	8.52E-09	5.92E-04	6.56E-05	-6.29E-01	0.00E+00	-4.15E+00	-8.89E-06	-4.15E+00	5.58E+00	-8.29E-01	0.00E+00	0.00E+00	0.00E+00	2.02E+01
VZ744	7.93E-05	-3.47E-01	4.74E-03	-8.95E-02	0.00E+00	0.00E+00	-4.37E+00	2.09E-05	6.49E-05	3.49E-04	0.00E+00	-5.99E-05	1.92E-11	-1.02E-09	-2.04E-02	3.13E+00	0.00E+00	0.00E+00	-2.25E-03	3.61E-02	4.14E+00	0.00E+00	1.10E-08	6.77E-09	-1.67E-04	3.60E-05	9.70E-01	0.00E+00	4.14E+00	-1.95E-06	4.14E+00	4.62E+00	9.70E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+01
VZ758	9.01E-06	-1.01E-01	-5.03E-03	4.75E-02	0.00E+00	0.00E+00	2.56E-01	-2.80E-05	4.23E-05	-1.38E-04	0.00E+00	-1.72E-05	-1.26E-10	-1.01E-08	-1.42E-02	-1.86E+00	0.00E+00	0.00E+00	6.50E-02	1.11E-02	2.48E+00	0.00E+00	8.66E-09	-7.08E-09	-1.48E-04	-8.96E-06	-3.37E-01	0.00E+00	2.48E+00	-1.95E-06	2.48E+00	3.12E+00	-3.37E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+01
VZ761	-1.93E-02	-1.38E-01	-1.30E-02	-1.09E-01	0.00E+00	0.00E+00	2.45E+00	-2.43E-03	-2.23E-04	-3.27E-03	0.00E+00	-1.02E+00	-4.26E-09	-3.17E-07	-1.98E-02	-8.28E+00	0.00E+00	0.00E+00	-2.07E+00	4.71E-02	2.99E+00	0.00E+00	1.26E-08	-4.40E-08	3.73E-03	-3.81E-05	-1.54E+00	0.00E+00	2.99E+00	-4.46E-05	2.99E+00	-5.47E+00	-1.54E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+02
VZ786N	-1.96E-05	-2.27E-02	5.83E-03	-2.26E-02	0.00E+00	0.00E+00	-1.02E-02	8.61E-04	-4.92E-06	-4.20E-05	0.00E+00	-6.45E-12	5.07E-11	-1.43E-04	-1.53E+00	0.00E+00	0.00E+00	-1.28E-02	0.00E+00	-4.13E-02	0.00E+00	-3.10E-10	6.31E-10	-1.59E-05	0.00E+00	2.23E-01	0.00E+00	4.13E-02	-3.17E-10	-4.13E-02	2.84E-01	-2.23E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E+01
VZ790N	-6.45E-04	9.26E-02	3.48E-03	-2.13E-02	0.00E+00	0.00E+00	6.36E-01	-3.51E-05	9.52E-05	2.55E-04	0.00E+00	-2.08E-05	6.23E-10	-1.19E-02	-1.32E+00	0.00E+00	0.00E+00	7.82E-02	3.24E-02	2.88E+00	0.00E+00	1.69E-08	-8.11E-08	-1.85E-04	-2.38E-05	-4.03E-01	0.00E+00	2.88E+00	-1.13E-06	2.88E+00	4.71E+00	-4.03E-01	0.00E+00	0.00E+00	0.00E+00	4.36E+00	
VZ793N	-4.44E-04	1.94E-02	-6.53E-03	6.98E-02	0.00E+00	0.00E+00	1.78E-02	6.63E-04	1.19E-04	-1.07E-04	0.00E+00	-4.00E-05	3.18E-10	-1.33E-08	3.61E-02	-1.74E+00	0.00E+00	0.00E+00	6.80E-02	1.51E-02	2.49E+00	0.00E+00	9.11E-09	-7.20E-09	3.48E-04	8.73E-06	-3.96E-01	0.00E+00	2.49E+00	-5.32E-06	2.49E+00	-3.13E+00	-3.96E-01	0.00E+00	0.00E+00	0.00E+00	6.79E+00
VZ797N	-4.51E-03	2.64E-01	2.53E-02	-3.95E-01	0.00E+00	0.00E+00	-4.78E-01	3.27E-04	1.79E-04	-4.36E-04	0.00E+00	-1.94E-04	-1.49E-10	-3.94E-08	7.07E-02	-1.02E+00	0.00E+00	0.00E+00	2.20E-01	-8.80E-02	1.58E+00	0.00E+00	1.00E-08	9.02E-09	6.15E-04	6.06E-05	-9.07E-01	0.00E+00	1.58E+00	-6.44E-06	-1.58E+01	1.38E+01	-9.07E-01	0.00E+00	0.00E+00	0.00E+00	1.25E+01
VZ816	-4.82E-04	-2.47E-01	6.11E-03	-8.62E-02	0.00E+00	0.00E+00	-1.58E-01	2.15E-04	8.75E-05	-5.49E-04	0.00E+00	-5.94E-05	5.83E-11	-2.66E-08	-1.37E-02	1.11E+00	0.00E+00	0.00E+00	2.45E-02	1.61E-02	4.94E+00	0.00E+00	8.99E-09	7.58E-09	-1.56E-04	-1.45E-05	-1.37E-01	0.00E+00	4.94E+00	-1.02E-05	-4.84E+00	4.92E+00	-1.37E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+01
VZ842N	-1.24E-05	-4.62E-03	-3.46E-04	4.27E-03	0.00E+00	0.00E+00	6.19E-03	-2.66E-05	-1.74E-06	-2.04E-05	0.00E+00	-1.19E-06	7.47E-11	-1.36E-11	-5.66E-04	-1.36E+00	0.00E+00	0.00E+00	6.42E-03	4.64E-04	8.48E-02	0.00E+00	-1.44E-10	-1.27E-10	4.28E-06	-4.52E-07	-2.02E-02	0.00E+00	8.48E+00	-4.15E-10	-4.84E-02	-1.05E-01	-2.02E-02	0.00E+00	0.00E+00	0.00E+00	1.42E+01
VZ851N	1.32E-04	9.95E-02	4.70E-03	8.71E-02	0.00E+00	0.00E+00	6.55E-02	3.17E-05	7.01E-05	-1.03E-04	0.00E+00	-2.19E-05	2.27E-11	4.39E-09	-1.42E-02	-1.25E+00	0.00E+00	0.00E+00	5.75E-02	-1.18E-02	2.48E+00	0.00E+00	9.40E-09	6.92E-09	-1.45E-04	9.57E-06	-2.38E-01	0.00E+00	2.48E+00	-1.42E-06	2.48E+00	3.11E+00	-2.38E-01	0.00E+00	0.00E+00	0.00E+00	9.87E+00
VZ852N	-1.22E-08	9.61E-02	6.01E-03	7.21E-02	0.00E+00	0.00E+00	5.46E-01	-1.39E-05	6.55E-05	4.68E-05	0.00E+00	-3.32E-05	2.20E-10	5.83E-09	-1.50E-02	1.71E+00	0.00E+00	0.00E+00	6.89E-02	2.27E-02	2.40E+00	0.00E+00	8.62E-09	7.52E-09	-1.62E-04	1.14E-05	-3.19E-01	0.00E+00	2.40E+00	-3.53E-04	2.40E+00	3.35E+00	-3.19E-01	0.00E+00	0.00E+00	0.00E+00	1.21E+01
VZ855N	1.05E-03	1.07E-02	7.89E-03	4.04E-01	0.00E+00	0.00E+00	6.36E-01	-9.28E-05	9.19E-05	1.73E-03	0.00E+00	-8.01E-05	6.26E-10	-3.70E-08	2.37E+00	0.00E+00	0.00E+00	8.98E-02	3.10E-02	2.19E+00	0.00E+00	8.20E-08	4.83E-08	1.86E-04	1.78E-05	-1.98E-05	-4.19E-01	0.00E+00	2.19E+00	-1.83E-06	2.19E+00	2.97E+00	-4.19E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+01
VZ857N	4.13E-04	1.0E-01	-5.39E-02	3.46E-02	0.00E+00	0.00E+00	5.10E-01	-1.22E-04	1.54E-04	1.71E-03	0.00E+00	-1.88E-04	-2.31E-10	5.38E-09	3.65E-02	-4.89E+00	0.00E+00	0.00E+00	1.55E-01	2.01E-01	7.89E+00	0.00E+00	3.23E-08	-3.32E-09	1.45E-04	-1.72E-04	-1.37E+00	0.00E+00	7.89E+00	-4.54E-06	7.89E+00	6.06E+00	-1.37E+00	0.00E+00	0.00E+00	0.00E+00	9.36E+00
VZ858N	2.34E-03	3.61E-02	9.29E-04	-1.71E-01	0.00E+00	0.00E+00	-2.01E-01	6.34E-07	9.57E-05	3.26E-03	0.00E+00	-5.52E-06	7.62E-11	5.26E-09	-4.84E-03	7.45E+00	0.00E+00	0.00E+00	4.57E-01	-1.13E-02	8.50E-01	0.00E+00	3.68E-08	-4.73E-08	-3.41E-04	3.18E-06	-1.47E+00	0.00E+00	8.50E-01	1.20E-06	8.50E-01	2.93E-01	-1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+00
VZ860N	2.51E-04	-1.30E-01	4.34E-03	8.61E-02	0.00E+00	0.00E+00	2.09E-01	8.41E-06	6.92E-05	-2.07E-04	0.00E+00	-6.83E-05	2.07E-11	-4.31E-09	-1.42E-02	-1.97E+00	0.00E+00	0.00E+00	3.94E-02	2.45E-02	2.88E+00	0.00E+00	9.41E-09	-7.54E-09	-1.41E-04	-1.24E-05	-4.61E-01	0.00E+00	2.88E+00	-1.09E-06	2.88E+00	3.88E+00	-4.61E-01	0.00E+00	0.00E+00	0.00E+00	9.72E+00