

Sdev	0.87	4.12	9.63	9.94	5.39	9.72	6.75	9.96	9.64	5.11	5.26
S	8.22E-22	5.07E-22	7.31E-22	8.97E-22	9.10E-22	7.54E-22	5.76E-22	4.44E-22	4.95E-22	5.31E-22	6.63E-22
T/Wn	4207.4859	4212.9792	4249.1313	4250.9295	4258.1519	4259.7962	4261.22	4263.243598	4265.42121	4271.5434	4271.78919
-23.1	4.27E-21	2.68E-21	3.31E-21	3.81E-21	4.18E-21	3.31E-21	2.83E-21	1.91E-21	2.25E-21	2.33E-21	3.02E-21
-20.5	4.27E-21	2.67E-21	3.33E-21	3.84E-21	4.19E-21	3.34E-21	2.84E-21	1.92E-21	2.26E-21	2.34E-21	3.03E-21
-17.9	4.27E-21	2.66E-21	3.35E-21	3.86E-21	4.21E-21	3.36E-21	2.86E-21	1.93E-21	2.27E-21	2.34E-21	3.04E-21
-15.3	4.27E-21	2.66E-21	3.37E-21	3.89E-21	4.22E-21	3.38E-21	2.87E-21	1.94E-21	2.29E-21	2.35E-21	3.05E-21
-12.6	4.27E-21	2.65E-21	3.39E-21	3.91E-21	4.24E-21	3.40E-21	2.88E-21	1.96E-21	2.30E-21	2.36E-21	3.06E-21
-10	4.27E-21	2.64E-21	3.41E-21	3.94E-21	4.25E-21	3.42E-21	2.89E-21	1.97E-21	2.32E-21	2.37E-21	3.07E-21
-7.4	4.26E-21	2.64E-21	3.43E-21	3.96E-21	4.27E-21	3.44E-21	2.90E-21	1.98E-21	2.33E-21	2.38E-21	3.08E-21
-4.7	4.26E-21	2.63E-21	3.45E-21	3.98E-21	4.28E-21	3.46E-21	2.91E-21	1.99E-21	2.34E-21	2.38E-21	3.09E-21
-2.1	4.26E-21	2.63E-21	3.47E-21	4.01E-21	4.29E-21	3.48E-21	2.92E-21	2.00E-21	2.36E-21	2.39E-21	3.10E-21
0.5	4.26E-21	2.62E-21	3.49E-21	4.03E-21	4.31E-21	3.50E-21	2.94E-21	2.01E-21	2.37E-21	2.40E-21	3.11E-21
3.2	4.26E-21	2.61E-21	3.51E-21	4.05E-21	4.32E-21	3.52E-21	2.95E-21	2.03E-21	2.38E-21	2.40E-21	3.12E-21
5.8	4.25E-21	2.61E-21	3.52E-21	4.07E-21	4.33E-21	3.54E-21	2.96E-21	2.04E-21	2.39E-21	2.41E-21	3.13E-21
8.4	4.25E-21	2.60E-21	3.54E-21	4.09E-21	4.34E-21	3.55E-21	2.97E-21	2.05E-21	2.41E-21	2.41E-21	3.14E-21
11.1	4.25E-21	2.60E-21	3.56E-21	4.12E-21	4.35E-21	3.57E-21	2.98E-21	2.06E-21	2.42E-21	2.42E-21	3.14E-21
13.7	4.25E-21	2.59E-21	3.58E-21	4.14E-21	4.36E-21	3.59E-21	2.99E-21	2.07E-21	2.43E-21	2.43E-21	3.15E-21
16.3	4.25E-21	2.59E-21	3.59E-21	4.16E-21	4.38E-21	3.61E-21	3.00E-21	2.08E-21	2.44E-21	2.43E-21	3.16E-21
19	4.24E-21	2.58E-21	3.61E-21	4.18E-21	4.39E-21	3.62E-21	3.01E-21	2.09E-21	2.45E-21	2.44E-21	3.17E-21
21.6	4.24E-21	2.58E-21	3.63E-21	4.20E-21	4.40E-21	3.64E-21	3.02E-21	2.10E-21	2.46E-21	2.44E-21	3.17E-21
24.2	4.24E-21	2.57E-21	3.64E-21	4.22E-21	4.41E-21	3.65E-21	3.03E-21	2.11E-21	2.47E-21	2.45E-21	3.18E-21
26.9	4.24E-21	2.57E-21	3.66E-21	4.23E-21	4.42E-21	3.67E-21	3.04E-21	2.12E-21	2.48E-21	2.45E-21	3.19E-21

12CH4

5.15	5.08	5.36	0.7	0.88	7.43	8.32	4.26	4.84	5.33
4.20E-22	4.42E-22	4.54E-22	4.74E-22	4.40E-22	4.46E-22	4.98E-22	5.99E-22	8.05E-22	4.99E-22
4273.4968	4274.137828	4275.7085	4283.632299	4284.57292	4288.362247	4293.093491	4294.424708	4294.555874	4298.437989
1.97E-21	2.09E-21	2.07E-21	2.23E-21	2.14E-21	1.93E-21	2.19E-21	2.77E-21	3.31E-21	2.52E-21
1.97E-21	2.09E-21	2.08E-21	2.23E-21	2.14E-21	1.94E-21	2.20E-21	2.78E-21	3.33E-21	2.53E-21
1.98E-21	2.10E-21	2.08E-21	2.24E-21	2.14E-21	1.95E-21	2.21E-21	2.78E-21	3.34E-21	2.54E-21
1.99E-21	2.11E-21	2.09E-21	2.24E-21	2.14E-21	1.96E-21	2.22E-21	2.79E-21	3.35E-21	2.55E-21
1.99E-21	2.11E-21	2.10E-21	2.24E-21	2.14E-21	1.97E-21	2.24E-21	2.80E-21	3.36E-21	2.56E-21
2.00E-21	2.12E-21	2.10E-21	2.24E-21	2.14E-21	1.98E-21	2.25E-21	2.81E-21	3.37E-21	2.56E-21
2.01E-21	2.13E-21	2.11E-21	2.24E-21	2.15E-21	1.99E-21	2.26E-21	2.81E-21	3.38E-21	2.57E-21
2.01E-21	2.13E-21	2.12E-21	2.24E-21	2.15E-21	1.99E-21	2.27E-21	2.82E-21	3.39E-21	2.58E-21
2.02E-21	2.14E-21	2.12E-21	2.24E-21	2.15E-21	2.00E-21	2.28E-21	2.83E-21	3.40E-21	2.59E-21
2.02E-21	2.14E-21	2.13E-21	2.24E-21	2.15E-21	2.01E-21	2.29E-21	2.83E-21	3.40E-21	2.60E-21
2.03E-21	2.15E-21	2.14E-21	2.24E-21	2.15E-21	2.02E-21	2.30E-21	2.84E-21	3.41E-21	2.60E-21
2.03E-21	2.16E-21	2.14E-21	2.25E-21	2.15E-21	2.03E-21	2.31E-21	2.85E-21	3.42E-21	2.61E-21
2.04E-21	2.16E-21	2.15E-21	2.25E-21	2.15E-21	2.04E-21	2.32E-21	2.85E-21	3.43E-21	2.62E-21
2.04E-21	2.17E-21	2.15E-21	2.25E-21	2.15E-21	2.04E-21	2.33E-21	2.86E-21	3.44E-21	2.62E-21
2.05E-21	2.17E-21	2.16E-21	2.25E-21	2.15E-21	2.05E-21	2.34E-21	2.87E-21	3.45E-21	2.63E-21
2.05E-21	2.18E-21	2.17E-21	2.25E-21	2.15E-21	2.06E-21	2.35E-21	2.87E-21	3.45E-21	2.64E-21
2.06E-21	2.18E-21	2.17E-21	2.25E-21	2.15E-21	2.06E-21	2.36E-21	2.88E-21	3.46E-21	2.64E-21
2.06E-21	2.19E-21	2.18E-21	2.25E-21	2.15E-21	2.07E-21	2.37E-21	2.88E-21	3.47E-21	2.65E-21
2.07E-21	2.19E-21	2.18E-21	2.25E-21	2.16E-21	2.08E-21	2.38E-21	2.89E-21	3.48E-21	2.66E-21
2.07E-21	2.20E-21	2.19E-21	2.25E-21	2.16E-21	2.08E-21	2.38E-21	2.89E-21	3.48E-21	2.66E-21

5.14	2.93	2.61	0.69	0.8	2.45	4.28	9.92	4.99	9.64	5.29
4.21E-22	6.32E-22	7.71E-22	5.31E-22	5.62E-22	6.75E-22	7.90E-22	8.63E-22	4.82E-22	9.00E-22	7.52E-22
4298.498679	4299.786998	4300.050862	4303.118985	4303.198194	4307.5937	4308.7289	4311.8414	4314.2741	4314.4766	4314.9959
1.98E-21	2.96E-21	3.58E-21	2.53E-21	2.71E-21	3.47E-21	4.49E-21	3.77E-21	2.39E-21	4.09E-21	3.42E-21
1.98E-21	2.96E-21	3.59E-21	2.53E-21	2.71E-21	3.46E-21	4.48E-21	3.80E-21	2.40E-21	4.11E-21	3.43E-21
1.99E-21	2.97E-21	3.60E-21	2.53E-21	2.71E-21	3.46E-21	4.47E-21	3.82E-21	2.41E-21	4.14E-21	3.44E-21
2.00E-21	2.97E-21	3.60E-21	2.53E-21	2.71E-21	3.45E-21	4.46E-21	3.84E-21	2.42E-21	4.17E-21	3.46E-21
2.00E-21	2.98E-21	3.61E-21	2.54E-21	2.72E-21	3.45E-21	4.45E-21	3.87E-21	2.43E-21	4.19E-21	3.47E-21
2.01E-21	2.98E-21	3.61E-21	2.54E-21	2.72E-21	3.44E-21	4.44E-21	3.89E-21	2.43E-21	4.22E-21	3.48E-21
2.02E-21	2.99E-21	3.62E-21	2.54E-21	2.72E-21	3.44E-21	4.43E-21	3.92E-21	2.44E-21	4.24E-21	3.49E-21
2.02E-21	2.99E-21	3.62E-21	2.54E-21	2.72E-21	3.44E-21	4.42E-21	3.94E-21	2.45E-21	4.26E-21	3.50E-21
2.03E-21	3.00E-21	3.63E-21	2.54E-21	2.72E-21	3.43E-21	4.41E-21	3.96E-21	2.45E-21	4.29E-21	3.51E-21
2.03E-21	3.00E-21	3.63E-21	2.54E-21	2.72E-21	3.43E-21	4.40E-21	3.98E-21	2.46E-21	4.31E-21	3.52E-21
2.04E-21	3.01E-21	3.64E-21	2.54E-21	2.72E-21	3.42E-21	4.39E-21	4.01E-21	2.47E-21	4.33E-21	3.53E-21
2.04E-21	3.01E-21	3.64E-21	2.54E-21	2.73E-21	3.42E-21	4.38E-21	4.03E-21	2.47E-21	4.36E-21	3.54E-21
2.05E-21	3.02E-21	3.65E-21	2.54E-21	2.73E-21	3.41E-21	4.37E-21	4.05E-21	2.48E-21	4.38E-21	3.55E-21
2.05E-21	3.02E-21	3.65E-21	2.54E-21	2.73E-21	3.41E-21	4.36E-21	4.07E-21	2.49E-21	4.40E-21	3.56E-21
2.06E-21	3.03E-21	3.66E-21	2.55E-21	2.73E-21	3.40E-21	4.35E-21	4.09E-21	2.49E-21	4.42E-21	3.57E-21
2.06E-21	3.03E-21	3.66E-21	2.55E-21	2.73E-21	3.40E-21	4.34E-21	4.11E-21	2.50E-21	4.44E-21	3.58E-21
2.07E-21	3.03E-21	3.67E-21	2.55E-21	2.73E-21	3.40E-21	4.33E-21	4.13E-21	2.50E-21	4.46E-21	3.59E-21
2.07E-21	3.04E-21	3.67E-21	2.55E-21	2.73E-21	3.39E-21	4.32E-21	4.15E-21	2.51E-21	4.48E-21	3.59E-21
2.08E-21	3.04E-21	3.67E-21	2.55E-21	2.73E-21	3.39E-21	4.31E-21	4.17E-21	2.51E-21	4.50E-21	3.60E-21
2.08E-21	3.04E-21	3.68E-21	2.55E-21	2.73E-21	3.38E-21	4.30E-21	4.18E-21	2.52E-21	4.52E-21	3.61E-21

1.71	5.16	2.62	5.13	1.39	2.89	0.66	3.07	9.35	5.08	5.25	4.86
7.72E-22	4.46E-22	5.10E-22	6.50E-22	6.87E-22	5.58E-22	4.92E-22	7.23E-22	4.36E-22	5.41E-22	4.60E-22	7.16E-22
4315.3948	4315.6079	4316.2763	4317.5337	4329.0096	4330.9154	4332.6606	4337.4239	4338.5124	4339.1142	4339.3135	4341.0205
3.76E-21	2.08E-21	2.62E-21	2.91E-21	3.38E-21	2.54E-21	2.37E-21	3.52E-21	1.92E-21	2.59E-21	2.18E-21	3.31E-21
3.77E-21	2.09E-21	2.62E-21	2.92E-21	3.38E-21	2.54E-21	2.37E-21	3.51E-21	1.94E-21	2.60E-21	2.19E-21	3.32E-21
3.77E-21	2.09E-21	2.61E-21	2.93E-21	3.38E-21	2.54E-21	2.38E-21	3.51E-21	1.95E-21	2.61E-21	2.20E-21	3.33E-21
3.78E-21	2.10E-21	2.61E-21	2.94E-21	3.37E-21	2.53E-21	2.38E-21	3.50E-21	1.96E-21	2.61E-21	2.21E-21	3.34E-21
3.78E-21	2.11E-21	2.61E-21	2.95E-21	3.37E-21	2.53E-21	2.38E-21	3.50E-21	1.97E-21	2.62E-21	2.21E-21	3.35E-21
3.78E-21	2.11E-21	2.60E-21	2.96E-21	3.37E-21	2.52E-21	2.38E-21	3.49E-21	1.98E-21	2.63E-21	2.22E-21	3.36E-21
3.79E-21	2.12E-21	2.60E-21	2.97E-21	3.37E-21	2.52E-21	2.38E-21	3.48E-21	1.99E-21	2.64E-21	2.23E-21	3.37E-21
3.79E-21	2.13E-21	2.60E-21	2.97E-21	3.36E-21	2.52E-21	2.38E-21	3.48E-21	2.01E-21	2.65E-21	2.23E-21	3.38E-21
3.80E-21	2.13E-21	2.59E-21	2.98E-21	3.36E-21	2.51E-21	2.38E-21	3.47E-21	2.02E-21	2.65E-21	2.24E-21	3.39E-21
3.80E-21	2.14E-21	2.59E-21	2.99E-21	3.36E-21	2.51E-21	2.38E-21	3.47E-21	2.03E-21	2.66E-21	2.25E-21	3.40E-21
3.80E-21	2.15E-21	2.59E-21	3.00E-21	3.36E-21	2.50E-21	2.38E-21	3.46E-21	2.04E-21	2.67E-21	2.25E-21	3.41E-21
3.81E-21	2.15E-21	2.58E-21	3.01E-21	3.35E-21	2.50E-21	2.39E-21	3.46E-21	2.05E-21	2.68E-21	2.26E-21	3.41E-21
3.81E-21	2.16E-21	2.58E-21	3.02E-21	3.35E-21	2.50E-21	2.39E-21	3.45E-21	2.06E-21	2.68E-21	2.27E-21	3.42E-21
3.81E-21	2.16E-21	2.57E-21	3.02E-21	3.35E-21	2.49E-21	2.39E-21	3.44E-21	2.07E-21	2.69E-21	2.27E-21	3.43E-21
3.81E-21	2.17E-21	2.57E-21	3.03E-21	3.35E-21	2.49E-21	2.39E-21	3.44E-21	2.08E-21	2.70E-21	2.28E-21	3.44E-21
3.82E-21	2.17E-21	2.57E-21	3.04E-21	3.34E-21	2.49E-21	2.39E-21	3.43E-21	2.09E-21	2.70E-21	2.28E-21	3.45E-21
3.82E-21	2.18E-21	2.56E-21	3.05E-21	3.34E-21	2.48E-21	2.39E-21	3.43E-21	2.10E-21	2.71E-21	2.29E-21	3.45E-21
3.82E-21	2.18E-21	2.56E-21	3.05E-21	3.34E-21	2.48E-21	2.39E-21	3.42E-21	2.10E-21	2.71E-21	2.29E-21	3.46E-21
3.82E-21	2.19E-21	2.56E-21	3.06E-21	3.34E-21	2.47E-21	2.39E-21	3.41E-21	2.11E-21	2.72E-21	2.30E-21	3.47E-21
3.83E-21	2.19E-21	2.55E-21	3.07E-21	3.33E-21	2.47E-21	2.39E-21	3.41E-21	2.12E-21	2.73E-21	2.30E-21	3.48E-21

9.57	9.46	9.34	5.19	4.98	0.63	8.5	1.92	2.38	4.59	2.71
4.69E-22	6.55E-22	4.92E-22	8.88E-22	6.45E-22	6.31E-22	9.41E-22	8.03E-22	7.57E-22	7.70E-22	9.93E-22
4342.5404	4342.8212	4343.528	4343.7351	4346.0991	4346.7346	4347.1983	4347.4749	4356.028005	4357.25	4362.529548
2.08E-21	2.99E-21	2.11E-21	4.23E-21	2.98E-21	3.09E-21	4.22E-21	3.97E-21	3.73E-21	3.59E-21	5.27E-21
2.10E-21	3.01E-21	2.12E-21	4.24E-21	2.99E-21	3.09E-21	4.24E-21	3.97E-21	3.72E-21	3.61E-21	5.26E-21
2.11E-21	3.03E-21	2.13E-21	4.26E-21	3.00E-21	3.09E-21	4.27E-21	3.97E-21	3.72E-21	3.62E-21	5.25E-21
2.12E-21	3.05E-21	2.15E-21	4.27E-21	3.01E-21	3.08E-21	4.29E-21	3.96E-21	3.72E-21	3.63E-21	5.25E-21
2.14E-21	3.07E-21	2.16E-21	4.29E-21	3.01E-21	3.08E-21	4.32E-21	3.96E-21	3.71E-21	3.64E-21	5.24E-21
2.15E-21	3.08E-21	2.17E-21	4.30E-21	3.02E-21	3.08E-21	4.34E-21	3.95E-21	3.71E-21	3.65E-21	5.23E-21
2.16E-21	3.10E-21	2.18E-21	4.31E-21	3.03E-21	3.08E-21	4.36E-21	3.95E-21	3.70E-21	3.66E-21	5.22E-21
2.17E-21	3.12E-21	2.20E-21	4.33E-21	3.04E-21	3.08E-21	4.38E-21	3.95E-21	3.70E-21	3.67E-21	5.21E-21
2.19E-21	3.13E-21	2.21E-21	4.34E-21	3.05E-21	3.08E-21	4.40E-21	3.94E-21	3.69E-21	3.67E-21	5.21E-21
2.20E-21	3.15E-21	2.22E-21	4.35E-21	3.06E-21	3.08E-21	4.43E-21	3.94E-21	3.69E-21	3.68E-21	5.20E-21
2.21E-21	3.17E-21	2.23E-21	4.36E-21	3.07E-21	3.08E-21	4.45E-21	3.93E-21	3.68E-21	3.69E-21	5.19E-21
2.22E-21	3.18E-21	2.24E-21	4.38E-21	3.07E-21	3.08E-21	4.47E-21	3.93E-21	3.68E-21	3.70E-21	5.18E-21
2.23E-21	3.20E-21	2.25E-21	4.39E-21	3.08E-21	3.08E-21	4.49E-21	3.93E-21	3.68E-21	3.71E-21	5.18E-21
2.24E-21	3.22E-21	2.26E-21	4.40E-21	3.09E-21	3.07E-21	4.50E-21	3.92E-21	3.67E-21	3.72E-21	5.17E-21
2.25E-21	3.23E-21	2.27E-21	4.41E-21	3.10E-21	3.07E-21	4.52E-21	3.92E-21	3.67E-21	3.73E-21	5.16E-21
2.26E-21	3.25E-21	2.28E-21	4.42E-21	3.10E-21	3.07E-21	4.54E-21	3.91E-21	3.66E-21	3.74E-21	5.15E-21
2.27E-21	3.26E-21	2.29E-21	4.43E-21	3.11E-21	3.07E-21	4.56E-21	3.91E-21	3.66E-21	3.74E-21	5.15E-21
2.28E-21	3.27E-21	2.30E-21	4.44E-21	3.12E-21	3.07E-21	4.58E-21	3.91E-21	3.65E-21	3.75E-21	5.14E-21
2.29E-21	3.29E-21	2.31E-21	4.45E-21	3.12E-21	3.07E-21	4.59E-21	3.90E-21	3.65E-21	3.76E-21	5.13E-21
2.30E-21	3.30E-21	2.32E-21	4.46E-21	3.13E-21	3.07E-21	4.61E-21	3.90E-21	3.64E-21	3.77E-21	5.12E-21

3.48	2.23	1.25	2.42	2.85	7.61	9.54	9.78	9.79	9.62
6.49E-22	9.00E-22	6.82E-22	5.44E-22	4.70E-22	5.00E-22	6.23E-22	4.95E-22	4.06E-22	6.39E-22
4364.69769	4367.853	4371.177327	4377.841446	4378.522145	4380.008365	4407.580377	4410.316573	4489.896006	4489.941315
2.86E-21	4.83E-21	3.65E-21	2.54E-21	2.23E-21	2.07E-21	2.76E-21	2.35E-21	2.05E-21	2.91E-21
2.87E-21	4.83E-21	3.65E-21	2.54E-21	2.22E-21	2.08E-21	2.78E-21	2.37E-21	2.07E-21	2.93E-21
2.88E-21	4.82E-21	3.66E-21	2.55E-21	2.22E-21	2.09E-21	2.79E-21	2.38E-21	2.08E-21	2.94E-21
2.88E-21	4.82E-21	3.66E-21	2.55E-21	2.22E-21	2.10E-21	2.81E-21	2.40E-21	2.09E-21	2.96E-21
2.89E-21	4.81E-21	3.67E-21	2.55E-21	2.21E-21	2.11E-21	2.83E-21	2.41E-21	2.11E-21	2.98E-21
2.90E-21	4.80E-21	3.67E-21	2.56E-21	2.21E-21	2.12E-21	2.85E-21	2.43E-21	2.12E-21	3.00E-21
2.90E-21	4.80E-21	3.67E-21	2.56E-21	2.21E-21	2.13E-21	2.86E-21	2.44E-21	2.13E-21	3.02E-21
2.91E-21	4.79E-21	3.67E-21	2.57E-21	2.20E-21	2.14E-21	2.88E-21	2.45E-21	2.14E-21	3.03E-21
2.92E-21	4.79E-21	3.68E-21	2.57E-21	2.20E-21	2.15E-21	2.89E-21	2.47E-21	2.16E-21	3.05E-21
2.92E-21	4.78E-21	3.68E-21	2.57E-21	2.20E-21	2.16E-21	2.91E-21	2.48E-21	2.17E-21	3.07E-21
2.93E-21	4.78E-21	3.68E-21	2.58E-21	2.19E-21	2.17E-21	2.93E-21	2.49E-21	2.18E-21	3.08E-21
2.93E-21	4.77E-21	3.68E-21	2.58E-21	2.19E-21	2.17E-21	2.94E-21	2.51E-21	2.19E-21	3.10E-21
2.94E-21	4.76E-21	3.69E-21	2.58E-21	2.19E-21	2.18E-21	2.95E-21	2.52E-21	2.20E-21	3.11E-21
2.94E-21	4.76E-21	3.69E-21	2.59E-21	2.18E-21	2.19E-21	2.97E-21	2.53E-21	2.21E-21	3.13E-21
2.95E-21	4.75E-21	3.69E-21	2.59E-21	2.18E-21	2.20E-21	2.98E-21	2.55E-21	2.23E-21	3.14E-21
2.95E-21	4.75E-21	3.69E-21	2.59E-21	2.18E-21	2.21E-21	3.00E-21	2.56E-21	2.24E-21	3.16E-21
2.95E-21	4.74E-21	3.69E-21	2.59E-21	2.17E-21	2.22E-21	3.01E-21	2.57E-21	2.25E-21	3.17E-21
2.96E-21	4.74E-21	3.69E-21	2.60E-21	2.17E-21	2.22E-21	3.02E-21	2.58E-21	2.26E-21	3.19E-21
2.96E-21	4.73E-21	3.70E-21	2.60E-21	2.17E-21	2.23E-21	3.04E-21	2.59E-21	2.27E-21	3.20E-21
2.97E-21	4.72E-21	3.70E-21	2.60E-21	2.16E-21	2.24E-21	3.05E-21	2.60E-21	2.28E-21	3.22E-21

9.96	4.44	4.84	6.29	1.27	0.81	2.49	4.51	3.88	2.35	5.2
5.60E-22	6.36E-22	4.20E-22	5.63E-22	9.48E-22	5.29E-22	5.30E-22	8.77E-22	4.92E-22	4.61E-22	4.09E-22
4491.131084	4500.5545	4501.2392	4501.3085	4511.2674	4511.5938	4511.9276	4543.9159	4544.3233	4544.5417	4544.5653
2.53E-21	2.97E-21	2.18E-21	2.56E-21	4.81E-21	2.53E-21	2.29E-21	4.32E-21	2.50E-21	2.34E-21	1.92E-21
2.55E-21	2.98E-21	2.19E-21	2.57E-21	4.81E-21	2.53E-21	2.30E-21	4.34E-21	2.50E-21	2.33E-21	1.92E-21
2.56E-21	2.99E-21	2.20E-21	2.58E-21	4.82E-21	2.53E-21	2.30E-21	4.35E-21	2.49E-21	2.33E-21	1.93E-21
2.58E-21	2.99E-21	2.20E-21	2.59E-21	4.82E-21	2.54E-21	2.30E-21	4.36E-21	2.49E-21	2.33E-21	1.94E-21
2.60E-21	3.00E-21	2.21E-21	2.60E-21	4.83E-21	2.54E-21	2.31E-21	4.38E-21	2.48E-21	2.33E-21	1.94E-21
2.61E-21	3.01E-21	2.22E-21	2.61E-21	4.83E-21	2.54E-21	2.31E-21	4.39E-21	2.48E-21	2.32E-21	1.95E-21
2.63E-21	3.02E-21	2.22E-21	2.62E-21	4.83E-21	2.54E-21	2.31E-21	4.40E-21	2.47E-21	2.32E-21	1.96E-21
2.64E-21	3.03E-21	2.23E-21	2.63E-21	4.84E-21	2.54E-21	2.32E-21	4.41E-21	2.47E-21	2.32E-21	1.96E-21
2.66E-21	3.04E-21	2.24E-21	2.64E-21	4.84E-21	2.54E-21	2.32E-21	4.42E-21	2.46E-21	2.31E-21	1.97E-21
2.67E-21	3.04E-21	2.24E-21	2.65E-21	4.85E-21	2.54E-21	2.32E-21	4.43E-21	2.46E-21	2.31E-21	1.97E-21
2.69E-21	3.05E-21	2.25E-21	2.66E-21	4.85E-21	2.55E-21	2.33E-21	4.44E-21	2.45E-21	2.31E-21	1.98E-21
2.70E-21	3.06E-21	2.25E-21	2.67E-21	4.85E-21	2.55E-21	2.33E-21	4.46E-21	2.45E-21	2.31E-21	1.98E-21
2.72E-21	3.06E-21	2.26E-21	2.68E-21	4.85E-21	2.55E-21	2.33E-21	4.47E-21	2.44E-21	2.30E-21	1.99E-21
2.73E-21	3.07E-21	2.26E-21	2.69E-21	4.86E-21	2.55E-21	2.33E-21	4.48E-21	2.44E-21	2.30E-21	1.99E-21
2.75E-21	3.08E-21	2.27E-21	2.70E-21	4.86E-21	2.55E-21	2.34E-21	4.48E-21	2.43E-21	2.30E-21	2.00E-21
2.76E-21	3.08E-21	2.28E-21	2.70E-21	4.86E-21	2.55E-21	2.34E-21	4.49E-21	2.43E-21	2.29E-21	2.00E-21
2.77E-21	3.09E-21	2.28E-21	2.71E-21	4.86E-21	2.55E-21	2.34E-21	4.50E-21	2.42E-21	2.29E-21	2.01E-21
2.79E-21	3.09E-21	2.29E-21	2.72E-21	4.87E-21	2.55E-21	2.34E-21	4.51E-21	2.42E-21	2.29E-21	2.01E-21
2.80E-21	3.10E-21	2.29E-21	2.73E-21	4.87E-21	2.55E-21	2.35E-21	4.52E-21	2.41E-21	2.29E-21	2.02E-21
2.81E-21	3.11E-21	2.29E-21	2.73E-21	4.87E-21	2.55E-21	2.35E-21	4.53E-21	2.40E-21	2.28E-21	2.02E-21

2.11	1.8	8.04	6.5	7.77	5.65	0.28	2.16	1.13	3.47	7.87	7.81
5.05E-22	9.30E-22	5.11E-22	5.32E-22	4.49E-22	4.76E-22	7.41E-22	4.34E-22	4.37E-22	6.01E-22	6.84E-22	4.25E-22
4544.6996	4545.07876	4545.307	4555.5645	4566.9963	4578.6121	4590.2357	4590.4613	4590.6086	4602.8554	5960.867	5960.8837
2.45E-21	4.51E-21	2.34E-21	3.13E-21	2.38E-21	2.30E-21	3.94E-21	2.07E-21	2.18E-21	3.04E-21	3.25E-21	1.92E-21
2.46E-21	4.51E-21	2.35E-21	3.12E-21	2.37E-21	2.29E-21	3.94E-21	2.07E-21	2.18E-21	3.05E-21	3.27E-21	1.93E-21
2.46E-21	4.52E-21	2.36E-21	3.10E-21	2.36E-21	2.28E-21	3.95E-21	2.07E-21	2.18E-21	3.05E-21	3.29E-21	1.94E-21
2.46E-21	4.53E-21	2.37E-21	3.09E-21	2.35E-21	2.28E-21	3.95E-21	2.08E-21	2.19E-21	3.06E-21	3.30E-21	1.95E-21
2.47E-21	4.53E-21	2.39E-21	3.08E-21	2.34E-21	2.27E-21	3.95E-21	2.08E-21	2.19E-21	3.07E-21	3.32E-21	1.96E-21
2.47E-21	4.54E-21	2.40E-21	3.07E-21	2.33E-21	2.26E-21	3.95E-21	2.08E-21	2.19E-21	3.07E-21	3.34E-21	1.97E-21
2.47E-21	4.54E-21	2.41E-21	3.06E-21	2.32E-21	2.25E-21	3.95E-21	2.08E-21	2.19E-21	3.08E-21	3.35E-21	1.97E-21
2.48E-21	4.55E-21	2.42E-21	3.05E-21	2.31E-21	2.25E-21	3.95E-21	2.09E-21	2.19E-21	3.09E-21	3.37E-21	1.98E-21
2.48E-21	4.55E-21	2.43E-21	3.04E-21	2.30E-21	2.24E-21	3.95E-21	2.09E-21	2.19E-21	3.09E-21	3.38E-21	1.99E-21
2.48E-21	4.55E-21	2.44E-21	3.02E-21	2.29E-21	2.23E-21	3.95E-21	2.09E-21	2.20E-21	3.10E-21	3.40E-21	2.00E-21
2.49E-21	4.56E-21	2.45E-21	3.01E-21	2.28E-21	2.23E-21	3.95E-21	2.09E-21	2.20E-21	3.10E-21	3.41E-21	2.01E-21
2.49E-21	4.56E-21	2.46E-21	3.00E-21	2.27E-21	2.22E-21	3.95E-21	2.10E-21	2.20E-21	3.11E-21	3.43E-21	2.02E-21
2.49E-21	4.57E-21	2.47E-21	2.99E-21	2.26E-21	2.21E-21	3.95E-21	2.10E-21	2.20E-21	3.12E-21	3.44E-21	2.03E-21
2.49E-21	4.57E-21	2.48E-21	2.98E-21	2.25E-21	2.21E-21	3.95E-21	2.10E-21	2.20E-21	3.12E-21	3.45E-21	2.03E-21
2.50E-21	4.57E-21	2.49E-21	2.97E-21	2.24E-21	2.20E-21	3.95E-21	2.10E-21	2.20E-21	3.13E-21	3.47E-21	2.04E-21
2.50E-21	4.58E-21	2.50E-21	2.96E-21	2.23E-21	2.19E-21	3.95E-21	2.11E-21	2.20E-21	3.13E-21	3.48E-21	2.05E-21
2.50E-21	4.58E-21	2.51E-21	2.95E-21	2.22E-21	2.19E-21	3.95E-21	2.11E-21	2.20E-21	3.13E-21	3.49E-21	2.06E-21
2.50E-21	4.58E-21	2.52E-21	2.94E-21	2.22E-21	2.18E-21	3.95E-21	2.11E-21	2.20E-21	3.14E-21	3.51E-21	2.07E-21
2.51E-21	4.59E-21	2.53E-21	2.93E-21	2.21E-21	2.17E-21	3.95E-21	2.11E-21	2.21E-21	3.14E-21	3.52E-21	2.07E-21
2.51E-21	4.59E-21	2.54E-21	2.92E-21	2.20E-21	2.17E-21	3.95E-21	2.11E-21	2.21E-21	3.15E-21	3.53E-21	2.08E-21

8.55	4.54	7.42	7.64	7.41	7.9	4.25	4.95	0.87	1.6	1.06	0.81
4.09E-22	6.17E-22	6.31E-22	6.04E-22	5.75E-22	8.44E-22	5.75E-22	5.86E-22	4.48E-22	5.81E-22	5.72E-22	4.65E-22
5960.9339	5972.1347	6003.837	6003.8714	6003.883	6003.8928	6004.3133	6004.3291	6004.6435	6015.6643	6026.2274	6036.6536
2.15E-21	3.14E-21	3.06E-21	3.09E-21	2.40E-21	3.91E-21	2.67E-21	3.06E-21	2.34E-21	3.38E-21	2.99E-21	2.93E-21
2.16E-21	3.15E-21	3.07E-21	3.10E-21	2.42E-21	3.93E-21	2.68E-21	3.06E-21	2.34E-21	3.37E-21	2.99E-21	2.93E-21
2.17E-21	3.16E-21	3.09E-21	3.12E-21	2.43E-21	3.95E-21	2.69E-21	3.07E-21	2.34E-21	3.37E-21	2.99E-21	2.93E-21
2.19E-21	3.17E-21	3.10E-21	3.14E-21	2.44E-21	3.97E-21	2.69E-21	3.08E-21	2.34E-21	3.37E-21	2.99E-21	2.93E-21
2.20E-21	3.18E-21	3.11E-21	3.15E-21	2.45E-21	3.99E-21	2.70E-21	3.09E-21	2.34E-21	3.36E-21	2.99E-21	2.93E-21
2.21E-21	3.18E-21	3.13E-21	3.16E-21	2.46E-21	4.01E-21	2.71E-21	3.10E-21	2.34E-21	3.36E-21	2.98E-21	2.93E-21
2.22E-21	3.19E-21	3.14E-21	3.18E-21	2.47E-21	4.03E-21	2.71E-21	3.11E-21	2.34E-21	3.36E-21	2.98E-21	2.93E-21
2.23E-21	3.20E-21	3.16E-21	3.19E-21	2.48E-21	4.05E-21	2.72E-21	3.12E-21	2.34E-21	3.35E-21	2.98E-21	2.94E-21
2.24E-21	3.21E-21	3.17E-21	3.21E-21	2.49E-21	4.07E-21	2.73E-21	3.13E-21	2.35E-21	3.35E-21	2.98E-21	2.94E-21
2.25E-21	3.22E-21	3.18E-21	3.22E-21	2.50E-21	4.08E-21	2.73E-21	3.14E-21	2.35E-21	3.35E-21	2.98E-21	2.94E-21
2.26E-21	3.22E-21	3.19E-21	3.23E-21	2.51E-21	4.10E-21	2.74E-21	3.14E-21	2.35E-21	3.35E-21	2.98E-21	2.94E-21
2.27E-21	3.23E-21	3.21E-21	3.25E-21	2.52E-21	4.12E-21	2.74E-21	3.15E-21	2.35E-21	3.34E-21	2.97E-21	2.94E-21
2.28E-21	3.24E-21	3.22E-21	3.26E-21	2.53E-21	4.14E-21	2.75E-21	3.16E-21	2.35E-21	3.34E-21	2.97E-21	2.94E-21
2.29E-21	3.25E-21	3.23E-21	3.27E-21	2.54E-21	4.15E-21	2.76E-21	3.17E-21	2.35E-21	3.34E-21	2.97E-21	2.94E-21
2.30E-21	3.25E-21	3.24E-21	3.28E-21	2.55E-21	4.17E-21	2.76E-21	3.18E-21	2.35E-21	3.34E-21	2.97E-21	2.94E-21
2.31E-21	3.26E-21	3.26E-21	3.30E-21	2.56E-21	4.19E-21	2.77E-21	3.18E-21	2.35E-21	3.33E-21	2.97E-21	2.95E-21
2.32E-21	3.27E-21	3.27E-21	3.31E-21	2.57E-21	4.20E-21	2.77E-21	3.19E-21	2.35E-21	3.33E-21	2.97E-21	2.95E-21
2.33E-21	3.28E-21	3.28E-21	3.32E-21	2.58E-21	4.22E-21	2.78E-21	3.20E-21	2.35E-21	3.33E-21	2.96E-21	2.95E-21
2.34E-21	3.28E-21	3.29E-21	3.33E-21	2.59E-21	4.23E-21	2.78E-21	3.21E-21	2.36E-21	3.33E-21	2.96E-21	2.95E-21
2.35E-21	3.29E-21	3.30E-21	3.34E-21	2.60E-21	4.25E-21	2.79E-21	3.21E-21	2.36E-21	3.32E-21	2.96E-21	2.95E-21

	0.74	3.46	7.37	8.02	8.38
	8.08E-22	8.29E-22	8.20E-22	9.06E-22	8.69E-22
6036.6584	6046.942	6057.0778	6057.0998	6057.1273	
	3.68E-21	4.16E-21	4.44E-21	5.21E-21	4.83E-21
	3.68E-21	4.17E-21	4.46E-21	5.23E-21	4.86E-21
	3.68E-21	4.18E-21	4.48E-21	5.26E-21	4.88E-21
	3.68E-21	4.18E-21	4.50E-21	5.29E-21	4.91E-21
	3.68E-21	4.19E-21	4.52E-21	5.31E-21	4.93E-21
	3.68E-21	4.20E-21	4.54E-21	5.34E-21	4.96E-21
	3.69E-21	4.21E-21	4.56E-21	5.36E-21	4.98E-21
	3.69E-21	4.22E-21	4.58E-21	5.39E-21	5.01E-21
	3.69E-21	4.23E-21	4.60E-21	5.41E-21	5.03E-21
	3.69E-21	4.24E-21	4.62E-21	5.44E-21	5.05E-21
	3.69E-21	4.24E-21	4.64E-21	5.46E-21	5.08E-21
	3.69E-21	4.25E-21	4.66E-21	5.48E-21	5.10E-21
	3.70E-21	4.26E-21	4.68E-21	5.51E-21	5.12E-21
	3.70E-21	4.27E-21	4.69E-21	5.53E-21	5.15E-21
	3.70E-21	4.27E-21	4.71E-21	5.55E-21	5.17E-21
	3.70E-21	4.28E-21	4.73E-21	5.58E-21	5.19E-21
	3.70E-21	4.29E-21	4.74E-21	5.60E-21	5.21E-21
	3.70E-21	4.29E-21	4.76E-21	5.62E-21	5.23E-21
	3.70E-21	4.30E-21	4.78E-21	5.64E-21	5.25E-21
	3.70E-21	4.31E-21	4.79E-21	5.66E-21	5.27E-21

Sdev	9.66	9.78	9.66	9.66	5.01	5.14	5.01	5.07	1.35
S	2.17E-23	1.41E-23	2.15E-23	2.20E-23	2.15E-23	1.43E-23	2.13E-23	3.57E-23	3.11E-23
T/Wn	4178.987587	4179.276507	4180.501594	4181.040831	4185.34052	4186.20994	4186.519986	4186.931602	4191.345979
-23.1	9.84E-23	7.42E-23	9.74E-23	9.98E-23	1.02E-22	7.94E-23	1.01E-22	1.84E-22	1.63E-22
-20.5	9.90E-23	7.47E-23	9.80E-23	1.00E-22	1.03E-22	7.97E-23	1.02E-22	1.84E-22	1.64E-22
-17.9	9.96E-23	7.52E-23	9.87E-23	1.01E-22	1.03E-22	7.99E-23	1.02E-22	1.85E-22	1.64E-22
-15.3	1.00E-22	7.57E-23	9.93E-23	1.02E-22	1.03E-22	8.02E-23	1.02E-22	1.86E-22	1.64E-22
-12.6	1.01E-22	7.62E-23	9.99E-23	1.02E-22	1.04E-22	8.05E-23	1.03E-22	1.86E-22	1.64E-22
-10	1.01E-22	7.66E-23	1.01E-22	1.03E-22	1.04E-22	8.07E-23	1.03E-22	1.87E-22	1.64E-22
-7.4	1.02E-22	7.71E-23	1.01E-22	1.04E-22	1.04E-22	8.10E-23	1.03E-22	1.87E-22	1.64E-22
-4.7	1.03E-22	7.75E-23	1.02E-22	1.04E-22	1.05E-22	8.12E-23	1.04E-22	1.88E-22	1.64E-22
-2.1	1.03E-22	7.80E-23	1.02E-22	1.05E-22	1.05E-22	8.15E-23	1.04E-22	1.88E-22	1.65E-22
0.5	1.04E-22	7.84E-23	1.03E-22	1.05E-22	1.05E-22	8.17E-23	1.04E-22	1.89E-22	1.65E-22
3.2	1.04E-22	7.88E-23	1.03E-22	1.06E-22	1.05E-22	8.19E-23	1.04E-22	1.90E-22	1.65E-22
5.8	1.05E-22	7.92E-23	1.04E-22	1.06E-22	1.06E-22	8.21E-23	1.05E-22	1.90E-22	1.65E-22
8.4	1.05E-22	7.96E-23	1.04E-22	1.07E-22	1.06E-22	8.23E-23	1.05E-22	1.91E-22	1.65E-22
11.1	1.06E-22	8.00E-23	1.05E-22	1.07E-22	1.06E-22	8.25E-23	1.05E-22	1.91E-22	1.65E-22
13.7	1.06E-22	8.04E-23	1.05E-22	1.08E-22	1.06E-22	8.27E-23	1.05E-22	1.91E-22	1.65E-22
16.3	1.07E-22	8.08E-23	1.06E-22	1.08E-22	1.07E-22	8.29E-23	1.06E-22	1.92E-22	1.65E-22
19	1.07E-22	8.12E-23	1.06E-22	1.09E-22	1.07E-22	8.31E-23	1.06E-22	1.92E-22	1.65E-22
21.6	1.08E-22	8.16E-23	1.07E-22	1.09E-22	1.07E-22	8.33E-23	1.06E-22	1.93E-22	1.66E-22
24.2	1.08E-22	8.19E-23	1.07E-22	1.10E-22	1.07E-22	8.35E-23	1.06E-22	1.93E-22	1.66E-22
26.9	1.09E-22	8.23E-23	1.08E-22	1.10E-22	1.08E-22	8.37E-23	1.07E-22	1.94E-22	1.66E-22

13CH4

	1.3	1.3	2.25	9.67	9.67	5.08	5.01	5.15	1.3	1.3
	1.93E-23	1.86E-23	1.29E-23	2.53E-23	2.46E-23	4.42E-23	2.63E-23	1.87E-23	2.61E-23	2.52E-23
4191.905948	4192.339279	4197.645485	4205.854713	4206.444195	4206.721619	4207.219381	4207.571984	4207.799607	4208.304048	
	9.49E-23	9.17E-23	6.56E-23	1.15E-22	1.11E-22	2.28E-22	1.25E-22	1.03E-22	1.29E-22	1.24E-22
	9.50E-23	9.18E-23	6.56E-23	1.16E-22	1.12E-22	2.29E-22	1.25E-22	1.04E-22	1.29E-22	1.24E-22
	9.51E-23	9.19E-23	6.55E-23	1.16E-22	1.13E-22	2.30E-22	1.26E-22	1.04E-22	1.29E-22	1.24E-22
	9.52E-23	9.19E-23	6.54E-23	1.17E-22	1.14E-22	2.30E-22	1.26E-22	1.05E-22	1.29E-22	1.25E-22
	9.53E-23	9.20E-23	6.53E-23	1.18E-22	1.14E-22	2.31E-22	1.26E-22	1.05E-22	1.29E-22	1.25E-22
	9.54E-23	9.21E-23	6.53E-23	1.18E-22	1.15E-22	2.32E-22	1.27E-22	1.05E-22	1.29E-22	1.25E-22
	9.54E-23	9.22E-23	6.52E-23	1.19E-22	1.16E-22	2.32E-22	1.27E-22	1.06E-22	1.29E-22	1.25E-22
	9.55E-23	9.23E-23	6.51E-23	1.20E-22	1.16E-22	2.33E-22	1.27E-22	1.06E-22	1.29E-22	1.25E-22
	9.56E-23	9.23E-23	6.50E-23	1.20E-22	1.17E-22	2.34E-22	1.28E-22	1.06E-22	1.29E-22	1.25E-22
	9.57E-23	9.24E-23	6.49E-23	1.21E-22	1.18E-22	2.34E-22	1.28E-22	1.06E-22	1.30E-22	1.25E-22
	9.57E-23	9.24E-23	6.49E-23	1.22E-22	1.18E-22	2.35E-22	1.29E-22	1.07E-22	1.30E-22	1.25E-22
	9.58E-23	9.25E-23	6.48E-23	1.22E-22	1.19E-22	2.36E-22	1.29E-22	1.07E-22	1.30E-22	1.25E-22
	9.58E-23	9.26E-23	6.47E-23	1.23E-22	1.19E-22	2.36E-22	1.29E-22	1.07E-22	1.30E-22	1.25E-22
	9.59E-23	9.26E-23	6.46E-23	1.24E-22	1.20E-22	2.37E-22	1.29E-22	1.08E-22	1.30E-22	1.25E-22
	9.59E-23	9.27E-23	6.46E-23	1.24E-22	1.21E-22	2.37E-22	1.30E-22	1.08E-22	1.30E-22	1.26E-22
	9.60E-23	9.27E-23	6.45E-23	1.25E-22	1.21E-22	2.38E-22	1.30E-22	1.08E-22	1.30E-22	1.26E-22
	9.60E-23	9.28E-23	6.44E-23	1.25E-22	1.22E-22	2.39E-22	1.30E-22	1.08E-22	1.30E-22	1.26E-22
	9.61E-23	9.28E-23	6.43E-23	1.26E-22	1.22E-22	2.39E-22	1.31E-22	1.09E-22	1.30E-22	1.26E-22
	9.61E-23	9.28E-23	6.42E-23	1.27E-22	1.23E-22	2.40E-22	1.31E-22	1.09E-22	1.30E-22	1.26E-22
	9.62E-23	9.29E-23	6.42E-23	1.27E-22	1.23E-22	2.40E-22	1.31E-22	1.09E-22	1.30E-22	1.26E-22

2.17	9.8	2.24	4.52	9.67	5.02	1.36	5.89	4.54	9.67
1.45E-23	1.68E-23	2.16E-23	1.43E-23	3.33E-23	2.60E-23	4.35E-23	2.61E-23	2.49E-23	2.07E-23
4208.338347	4208.444753	4208.587641	4208.688697	4208.766033	4208.834567	4208.979168	4214.099907	4219.293111	4222.336687
7.98E-23	8.87E-23	1.10E-22	7.70E-23	1.51E-22	1.24E-22	2.28E-22	1.64E-22	1.30E-22	9.38E-23
7.97E-23	8.93E-23	1.10E-22	7.68E-23	1.52E-22	1.24E-22	2.29E-22	1.63E-22	1.29E-22	9.44E-23
7.96E-23	8.99E-23	1.10E-22	7.66E-23	1.53E-22	1.24E-22	2.29E-22	1.63E-22	1.29E-22	9.50E-23
7.95E-23	9.05E-23	1.09E-22	7.64E-23	1.54E-22	1.25E-22	2.29E-22	1.62E-22	1.29E-22	9.56E-23
7.94E-23	9.10E-23	1.09E-22	7.62E-23	1.55E-22	1.25E-22	2.29E-22	1.61E-22	1.28E-22	9.62E-23
7.94E-23	9.16E-23	1.09E-22	7.60E-23	1.56E-22	1.26E-22	2.29E-22	1.61E-22	1.28E-22	9.67E-23
7.93E-23	9.21E-23	1.09E-22	7.58E-23	1.57E-22	1.26E-22	2.30E-22	1.60E-22	1.28E-22	9.73E-23
7.92E-23	9.27E-23	1.09E-22	7.56E-23	1.58E-22	1.26E-22	2.30E-22	1.60E-22	1.27E-22	9.79E-23
7.91E-23	9.32E-23	1.09E-22	7.55E-23	1.58E-22	1.27E-22	2.30E-22	1.59E-22	1.27E-22	9.84E-23
7.90E-23	9.37E-23	1.09E-22	7.53E-23	1.59E-22	1.27E-22	2.30E-22	1.59E-22	1.27E-22	9.89E-23
7.89E-23	9.42E-23	1.09E-22	7.51E-23	1.60E-22	1.27E-22	2.30E-22	1.58E-22	1.26E-22	9.95E-23
7.88E-23	9.47E-23	1.08E-22	7.49E-23	1.61E-22	1.28E-22	2.30E-22	1.58E-22	1.26E-22	1.00E-22
7.87E-23	9.52E-23	1.08E-22	7.47E-23	1.62E-22	1.28E-22	2.31E-22	1.57E-22	1.26E-22	1.00E-22
7.86E-23	9.57E-23	1.08E-22	7.46E-23	1.63E-22	1.28E-22	2.31E-22	1.57E-22	1.25E-22	1.01E-22
7.85E-23	9.61E-23	1.08E-22	7.44E-23	1.63E-22	1.29E-22	2.31E-22	1.56E-22	1.25E-22	1.01E-22
7.84E-23	9.66E-23	1.08E-22	7.42E-23	1.64E-22	1.29E-22	2.31E-22	1.56E-22	1.25E-22	1.02E-22
7.83E-23	9.71E-23	1.08E-22	7.40E-23	1.65E-22	1.29E-22	2.31E-22	1.55E-22	1.25E-22	1.02E-22
7.83E-23	9.75E-23	1.08E-22	7.39E-23	1.66E-22	1.30E-22	2.31E-22	1.55E-22	1.24E-22	1.03E-22
7.82E-23	9.79E-23	1.08E-22	7.37E-23	1.66E-22	1.30E-22	2.31E-22	1.54E-22	1.24E-22	1.03E-22
7.81E-23	9.84E-23	1.07E-22	7.35E-23	1.67E-22	1.30E-22	2.31E-22	1.54E-22	1.24E-22	1.04E-22

	9.8	9.67	2.24	2.17	1.38	1.3	1.3	5.02	5.15	5.01
	1.26E-23	1.48E-23	3.02E-23	2.07E-23	5.58E-23	3.33E-23	3.23E-23	3.30E-23	2.13E-23	3.19E-23
4222.432615	4224.040821	4224.34697	4224.411407	4229.140102	4229.310878	4229.453953	4233.993356	4234.31317	4234.397789	
	6.67E-23	6.70E-23	1.54E-22	1.14E-22	2.98E-22	1.64E-22	1.59E-22	1.57E-22	1.18E-22	1.52E-22
	6.71E-23	6.74E-23	1.54E-22	1.14E-22	2.99E-22	1.64E-22	1.59E-22	1.57E-22	1.18E-22	1.52E-22
	6.75E-23	6.79E-23	1.53E-22	1.14E-22	2.99E-22	1.64E-22	1.59E-22	1.58E-22	1.19E-22	1.53E-22
	6.80E-23	6.83E-23	1.53E-22	1.14E-22	2.99E-22	1.65E-22	1.59E-22	1.58E-22	1.19E-22	1.53E-22
	6.84E-23	6.87E-23	1.53E-22	1.14E-22	2.99E-22	1.65E-22	1.60E-22	1.59E-22	1.20E-22	1.54E-22
	6.88E-23	6.91E-23	1.53E-22	1.14E-22	3.00E-22	1.65E-22	1.60E-22	1.59E-22	1.20E-22	1.54E-22
	6.92E-23	6.95E-23	1.53E-22	1.13E-22	3.00E-22	1.65E-22	1.60E-22	1.60E-22	1.20E-22	1.55E-22
	6.96E-23	6.99E-23	1.53E-22	1.13E-22	3.00E-22	1.65E-22	1.60E-22	1.60E-22	1.21E-22	1.55E-22
	7.00E-23	7.03E-23	1.52E-22	1.13E-22	3.00E-22	1.65E-22	1.60E-22	1.61E-22	1.21E-22	1.55E-22
	7.04E-23	7.07E-23	1.52E-22	1.13E-22	3.01E-22	1.65E-22	1.60E-22	1.61E-22	1.21E-22	1.56E-22
	7.08E-23	7.11E-23	1.52E-22	1.13E-22	3.01E-22	1.65E-22	1.60E-22	1.62E-22	1.22E-22	1.56E-22
	7.11E-23	7.14E-23	1.52E-22	1.13E-22	3.01E-22	1.66E-22	1.60E-22	1.62E-22	1.22E-22	1.57E-22
	7.15E-23	7.18E-23	1.52E-22	1.13E-22	3.01E-22	1.66E-22	1.60E-22	1.63E-22	1.22E-22	1.57E-22
	7.19E-23	7.22E-23	1.51E-22	1.12E-22	3.01E-22	1.66E-22	1.61E-22	1.63E-22	1.23E-22	1.57E-22
	7.22E-23	7.25E-23	1.51E-22	1.12E-22	3.02E-22	1.66E-22	1.61E-22	1.63E-22	1.23E-22	1.58E-22
	7.26E-23	7.29E-23	1.51E-22	1.12E-22	3.02E-22	1.66E-22	1.61E-22	1.64E-22	1.23E-22	1.58E-22
	7.29E-23	7.32E-23	1.51E-22	1.12E-22	3.02E-22	1.66E-22	1.61E-22	1.64E-22	1.24E-22	1.59E-22
	7.32E-23	7.35E-23	1.51E-22	1.12E-22	3.02E-22	1.66E-22	1.61E-22	1.64E-22	1.24E-22	1.59E-22
	7.36E-23	7.38E-23	1.51E-22	1.12E-22	3.02E-22	1.66E-22	1.61E-22	1.65E-22	1.24E-22	1.59E-22
	7.39E-23	7.42E-23	1.50E-22	1.12E-22	3.02E-22	1.66E-22	1.61E-22	1.65E-22	1.24E-22	1.60E-22

5.08	9.7	5.02	9.81	9.7	9.7	5.15	9.67	5.01	1.31
5.46E-23	3.01E-23	2.21E-23	1.67E-23	2.96E-23	2.75E-23	1.13E-23	1.04E-23	2.42E-23	3.66E-23
4234.550476	4238.566731	4238.751256	4238.893923	4239.201915	4239.568823	4240.007441	4241.835194	4242.628928	4254.961987
2.81E-22	1.43E-22	1.05E-22	8.97E-23	1.41E-22	1.31E-22	6.28E-23	4.70E-23	1.15E-22	1.80E-22
2.82E-22	1.44E-22	1.06E-22	9.03E-23	1.42E-22	1.31E-22	6.30E-23	4.73E-23	1.15E-22	1.80E-22
2.83E-22	1.45E-22	1.06E-22	9.09E-23	1.43E-22	1.32E-22	6.32E-23	4.76E-23	1.15E-22	1.81E-22
2.84E-22	1.46E-22	1.06E-22	9.15E-23	1.43E-22	1.33E-22	6.34E-23	4.79E-23	1.16E-22	1.81E-22
2.85E-22	1.47E-22	1.07E-22	9.20E-23	1.44E-22	1.34E-22	6.36E-23	4.82E-23	1.16E-22	1.81E-22
2.86E-22	1.48E-22	1.07E-22	9.26E-23	1.45E-22	1.35E-22	6.38E-23	4.85E-23	1.17E-22	1.81E-22
2.87E-22	1.49E-22	1.07E-22	9.32E-23	1.46E-22	1.36E-22	6.40E-23	4.88E-23	1.17E-22	1.81E-22
2.88E-22	1.50E-22	1.08E-22	9.37E-23	1.47E-22	1.36E-22	6.42E-23	4.90E-23	1.17E-22	1.81E-22
2.88E-22	1.51E-22	1.08E-22	9.42E-23	1.48E-22	1.37E-22	6.44E-23	4.93E-23	1.18E-22	1.81E-22
2.89E-22	1.51E-22	1.08E-22	9.47E-23	1.49E-22	1.38E-22	6.46E-23	4.96E-23	1.18E-22	1.82E-22
2.90E-22	1.52E-22	1.08E-22	9.53E-23	1.49E-22	1.39E-22	6.48E-23	4.98E-23	1.18E-22	1.82E-22
2.91E-22	1.53E-22	1.09E-22	9.58E-23	1.50E-22	1.39E-22	6.49E-23	5.01E-23	1.19E-22	1.82E-22
2.91E-22	1.54E-22	1.09E-22	9.62E-23	1.51E-22	1.40E-22	6.51E-23	5.03E-23	1.19E-22	1.82E-22
2.92E-22	1.54E-22	1.09E-22	9.67E-23	1.52E-22	1.41E-22	6.53E-23	5.06E-23	1.19E-22	1.82E-22
2.93E-22	1.55E-22	1.09E-22	9.72E-23	1.52E-22	1.41E-22	6.54E-23	5.08E-23	1.19E-22	1.82E-22
2.94E-22	1.56E-22	1.10E-22	9.77E-23	1.53E-22	1.42E-22	6.56E-23	5.11E-23	1.20E-22	1.82E-22
2.94E-22	1.57E-22	1.10E-22	9.81E-23	1.54E-22	1.43E-22	6.57E-23	5.13E-23	1.20E-22	1.82E-22
2.95E-22	1.57E-22	1.10E-22	9.86E-23	1.55E-22	1.43E-22	6.59E-23	5.15E-23	1.20E-22	1.82E-22
2.96E-22	1.58E-22	1.10E-22	9.90E-23	1.55E-22	1.44E-22	6.60E-23	5.18E-23	1.20E-22	1.82E-22
2.96E-22	1.59E-22	1.11E-22	9.95E-23	1.56E-22	1.45E-22	6.62E-23	5.20E-23	1.21E-22	1.83E-22

5.02	1.31	1.31	1.31	9.68	2.23	2.26	5.02	1.37	5.09
3.23E-23	1.63E-23	1.31E-23	1.51E-23	1.25E-23	1.27E-23	1.14E-23	2.78E-23	1.79E-23	1.73E-23
4255.362235	4255.777872	4257.7924	4266.527943	4270.610183	4272.252566	4276.435329	4276.44711	4282.687305	4295.783618
1.53E-22	8.02E-23	6.47E-23	7.43E-23	5.68E-23	6.46E-23	5.55E-23	1.32E-22	9.40E-23	8.93E-23
1.54E-22	8.02E-23	6.47E-23	7.43E-23	5.72E-23	6.45E-23	5.54E-23	1.33E-22	9.41E-23	8.96E-23
1.54E-22	8.03E-23	6.48E-23	7.44E-23	5.76E-23	6.44E-23	5.53E-23	1.33E-22	9.42E-23	8.99E-23
1.55E-22	8.04E-23	6.49E-23	7.45E-23	5.79E-23	6.43E-23	5.53E-23	1.33E-22	9.43E-23	9.02E-23
1.55E-22	8.05E-23	6.49E-23	7.46E-23	5.83E-23	6.43E-23	5.52E-23	1.34E-22	9.44E-23	9.05E-23
1.56E-22	8.05E-23	6.50E-23	7.46E-23	5.86E-23	6.42E-23	5.51E-23	1.34E-22	9.45E-23	9.07E-23
1.56E-22	8.06E-23	6.50E-23	7.47E-23	5.90E-23	6.41E-23	5.51E-23	1.35E-22	9.46E-23	9.10E-23
1.57E-22	8.07E-23	6.51E-23	7.47E-23	5.93E-23	6.40E-23	5.50E-23	1.35E-22	9.47E-23	9.13E-23
1.57E-22	8.07E-23	6.51E-23	7.48E-23	5.96E-23	6.40E-23	5.49E-23	1.35E-22	9.47E-23	9.15E-23
1.58E-22	8.08E-23	6.52E-23	7.48E-23	6.00E-23	6.39E-23	5.49E-23	1.36E-22	9.48E-23	9.18E-23
1.58E-22	8.09E-23	6.52E-23	7.49E-23	6.03E-23	6.38E-23	5.48E-23	1.36E-22	9.49E-23	9.21E-23
1.58E-22	8.09E-23	6.53E-23	7.49E-23	6.06E-23	6.37E-23	5.47E-23	1.37E-22	9.49E-23	9.23E-23
1.59E-22	8.10E-23	6.53E-23	7.50E-23	6.09E-23	6.37E-23	5.47E-23	1.37E-22	9.50E-23	9.25E-23
1.59E-22	8.10E-23	6.53E-23	7.50E-23	6.12E-23	6.36E-23	5.46E-23	1.37E-22	9.51E-23	9.28E-23
1.60E-22	8.10E-23	6.54E-23	7.51E-23	6.15E-23	6.35E-23	5.46E-23	1.38E-22	9.51E-23	9.30E-23
1.60E-22	8.11E-23	6.54E-23	7.51E-23	6.18E-23	6.34E-23	5.45E-23	1.38E-22	9.52E-23	9.32E-23
1.60E-22	8.11E-23	6.54E-23	7.52E-23	6.21E-23	6.34E-23	5.44E-23	1.38E-22	9.52E-23	9.34E-23
1.61E-22	8.12E-23	6.55E-23	7.52E-23	6.24E-23	6.33E-23	5.44E-23	1.38E-22	9.53E-23	9.36E-23
1.61E-22	8.12E-23	6.55E-23	7.52E-23	6.26E-23	6.32E-23	5.43E-23	1.39E-22	9.53E-23	9.38E-23
1.61E-22	8.12E-23	6.55E-23	7.52E-23	6.29E-23	6.31E-23	5.42E-23	1.39E-22	9.53E-23	9.40E-23

9.68	9.68	9.81	5.02	1.3	1.31	2.23	4.51	9.68	4.5
1.40E-23	1.42E-23	1.18E-23	2.74E-23	5.74E-23	1.72E-23	2.07E-23	1.18E-23	1.06E-23	1.48E-23
4296.31913	4296.689935	4296.772097	4297.157837	4297.497676	4297.907378	4297.954475	4298.489468	4299.115054	4307.2145
6.33E-23	6.42E-23	6.21E-23	1.30E-22	2.78E-22	8.45E-23	1.05E-22	6.36E-23	4.80E-23	7.97E-23
6.38E-23	6.46E-23	6.25E-23	1.31E-22	2.78E-22	8.46E-23	1.05E-22	6.34E-23	4.83E-23	7.95E-23
6.42E-23	6.50E-23	6.29E-23	1.31E-22	2.79E-22	8.47E-23	1.05E-22	6.32E-23	4.87E-23	7.93E-23
6.46E-23	6.55E-23	6.33E-23	1.31E-22	2.79E-22	8.47E-23	1.05E-22	6.31E-23	4.90E-23	7.91E-23
6.50E-23	6.59E-23	6.37E-23	1.32E-22	2.79E-22	8.48E-23	1.05E-22	6.29E-23	4.93E-23	7.89E-23
6.54E-23	6.63E-23	6.41E-23	1.32E-22	2.79E-22	8.49E-23	1.05E-22	6.27E-23	4.96E-23	7.87E-23
6.57E-23	6.66E-23	6.45E-23	1.33E-22	2.80E-22	8.50E-23	1.04E-22	6.26E-23	4.99E-23	7.85E-23
6.61E-23	6.70E-23	6.48E-23	1.33E-22	2.80E-22	8.50E-23	1.04E-22	6.24E-23	5.01E-23	7.83E-23
6.65E-23	6.74E-23	6.52E-23	1.33E-22	2.80E-22	8.51E-23	1.04E-22	6.23E-23	5.04E-23	7.81E-23
6.69E-23	6.78E-23	6.56E-23	1.34E-22	2.80E-22	8.52E-23	1.04E-22	6.21E-23	5.07E-23	7.80E-23
6.72E-23	6.81E-23	6.59E-23	1.34E-22	2.80E-22	8.52E-23	1.04E-22	6.20E-23	5.10E-23	7.78E-23
6.76E-23	6.85E-23	6.63E-23	1.34E-22	2.81E-22	8.53E-23	1.04E-22	6.18E-23	5.12E-23	7.76E-23
6.79E-23	6.88E-23	6.66E-23	1.35E-22	2.81E-22	8.53E-23	1.04E-22	6.17E-23	5.15E-23	7.74E-23
6.82E-23	6.92E-23	6.69E-23	1.35E-22	2.81E-22	8.54E-23	1.04E-22	6.15E-23	5.17E-23	7.72E-23
6.86E-23	6.95E-23	6.73E-23	1.35E-22	2.81E-22	8.54E-23	1.03E-22	6.14E-23	5.20E-23	7.70E-23
6.89E-23	6.98E-23	6.76E-23	1.36E-22	2.81E-22	8.55E-23	1.03E-22	6.12E-23	5.22E-23	7.69E-23
6.92E-23	7.01E-23	6.79E-23	1.36E-22	2.81E-22	8.55E-23	1.03E-22	6.11E-23	5.25E-23	7.67E-23
6.95E-23	7.05E-23	6.82E-23	1.36E-22	2.81E-22	8.55E-23	1.03E-22	6.10E-23	5.27E-23	7.65E-23
6.98E-23	7.08E-23	6.85E-23	1.37E-22	2.82E-22	8.56E-23	1.03E-22	6.08E-23	5.29E-23	7.63E-23
7.01E-23	7.11E-23	6.88E-23	1.37E-22	2.82E-22	8.56E-23	1.03E-22	6.07E-23	5.32E-23	7.62E-23

2.22	1.38	1.32	4.52	1.4	5.05	9.68	9.68	2.15	4.52
1.29E-23	1.99E-23	1.55E-23	1.20E-23	1.38E-23	3.51E-23	1.43E-23	1.54E-23	1.36E-23	2.98E-23
4312.582117	4316.772832	4317.920098	4319.655194	4321.915104	4322.366262	4327.737014	4328.157609	4329.71122	4331.545355
6.59E-23	1.04E-22	7.64E-23	6.24E-23	7.39E-23	1.69E-22	6.47E-23	6.99E-23	7.53E-23	1.55E-22
6.58E-23	1.05E-22	7.64E-23	6.22E-23	7.40E-23	1.70E-22	6.51E-23	7.04E-23	7.52E-23	1.55E-22
6.57E-23	1.05E-22	7.65E-23	6.21E-23	7.41E-23	1.70E-22	6.55E-23	7.08E-23	7.52E-23	1.54E-22
6.56E-23	1.05E-22	7.66E-23	6.19E-23	7.42E-23	1.71E-22	6.59E-23	7.13E-23	7.51E-23	1.54E-22
6.56E-23	1.05E-22	7.67E-23	6.18E-23	7.42E-23	1.72E-22	6.63E-23	7.17E-23	7.50E-23	1.54E-22
6.55E-23	1.05E-22	7.67E-23	6.16E-23	7.43E-23	1.72E-22	6.67E-23	7.21E-23	7.49E-23	1.53E-22
6.54E-23	1.05E-22	7.68E-23	6.14E-23	7.44E-23	1.73E-22	6.71E-23	7.25E-23	7.48E-23	1.53E-22
6.53E-23	1.05E-22	7.68E-23	6.13E-23	7.44E-23	1.73E-22	6.75E-23	7.30E-23	7.47E-23	1.53E-22
6.52E-23	1.05E-22	7.69E-23	6.11E-23	7.45E-23	1.74E-22	6.79E-23	7.34E-23	7.47E-23	1.52E-22
6.52E-23	1.05E-22	7.70E-23	6.10E-23	7.45E-23	1.74E-22	6.83E-23	7.38E-23	7.46E-23	1.52E-22
6.51E-23	1.05E-22	7.70E-23	6.08E-23	7.46E-23	1.75E-22	6.86E-23	7.42E-23	7.45E-23	1.51E-22
6.50E-23	1.05E-22	7.71E-23	6.07E-23	7.47E-23	1.75E-22	6.90E-23	7.45E-23	7.44E-23	1.51E-22
6.49E-23	1.06E-22	7.71E-23	6.05E-23	7.47E-23	1.75E-22	6.93E-23	7.49E-23	7.43E-23	1.51E-22
6.49E-23	1.06E-22	7.72E-23	6.04E-23	7.47E-23	1.76E-22	6.97E-23	7.53E-23	7.42E-23	1.50E-22
6.48E-23	1.06E-22	7.72E-23	6.03E-23	7.48E-23	1.76E-22	7.00E-23	7.57E-23	7.41E-23	1.50E-22
6.47E-23	1.06E-22	7.72E-23	6.01E-23	7.48E-23	1.77E-22	7.03E-23	7.60E-23	7.41E-23	1.50E-22
6.46E-23	1.06E-22	7.73E-23	6.00E-23	7.49E-23	1.77E-22	7.07E-23	7.64E-23	7.40E-23	1.49E-22
6.46E-23	1.06E-22	7.73E-23	5.98E-23	7.49E-23	1.77E-22	7.10E-23	7.67E-23	7.39E-23	1.49E-22
6.45E-23	1.06E-22	7.73E-23	5.97E-23	7.49E-23	1.78E-22	7.13E-23	7.71E-23	7.38E-23	1.49E-22
6.44E-23	1.06E-22	7.74E-23	5.96E-23	7.50E-23	1.78E-22	7.16E-23	7.74E-23	7.37E-23	1.48E-22

1.4	1.32	2.22	2.15	5.17	5.03	5.05	9.73	9.73	1.23
1.80E-23	2.50E-23	2.95E-23	2.19E-23	1.42E-23	1.88E-23	4.89E-23	2.15E-23	2.35E-23	5.45E-23
4338.2196	4339.410466	4345.701783	4346.568212	4348.44023	4348.685221	4348.926377	4357.556089	4357.737864	4358.600948
9.63E-23	1.23E-22	1.50E-22	1.21E-22	7.88E-23	8.92E-23	2.36E-22	1.02E-22	1.12E-22	2.90E-22
9.64E-23	1.23E-22	1.50E-22	1.21E-22	7.91E-23	8.95E-23	2.37E-22	1.03E-22	1.13E-22	2.90E-22
9.65E-23	1.23E-22	1.50E-22	1.21E-22	7.94E-23	8.98E-23	2.37E-22	1.04E-22	1.13E-22	2.90E-22
9.66E-23	1.23E-22	1.49E-22	1.20E-22	7.97E-23	9.01E-23	2.38E-22	1.04E-22	1.14E-22	2.90E-22
9.67E-23	1.23E-22	1.49E-22	1.20E-22	7.99E-23	9.04E-23	2.39E-22	1.05E-22	1.15E-22	2.91E-22
9.68E-23	1.24E-22	1.49E-22	1.20E-22	8.02E-23	9.07E-23	2.40E-22	1.06E-22	1.16E-22	2.91E-22
9.68E-23	1.24E-22	1.49E-22	1.20E-22	8.04E-23	9.09E-23	2.40E-22	1.06E-22	1.16E-22	2.91E-22
9.69E-23	1.24E-22	1.49E-22	1.20E-22	8.07E-23	9.12E-23	2.41E-22	1.07E-22	1.17E-22	2.91E-22
9.70E-23	1.24E-22	1.49E-22	1.20E-22	8.09E-23	9.15E-23	2.42E-22	1.08E-22	1.18E-22	2.92E-22
9.71E-23	1.24E-22	1.48E-22	1.20E-22	8.11E-23	9.17E-23	2.42E-22	1.08E-22	1.18E-22	2.92E-22
9.71E-23	1.24E-22	1.48E-22	1.20E-22	8.13E-23	9.20E-23	2.43E-22	1.09E-22	1.19E-22	2.92E-22
9.72E-23	1.24E-22	1.48E-22	1.19E-22	8.16E-23	9.22E-23	2.44E-22	1.09E-22	1.19E-22	2.92E-22
9.73E-23	1.24E-22	1.48E-22	1.19E-22	8.18E-23	9.24E-23	2.44E-22	1.10E-22	1.20E-22	2.92E-22
9.73E-23	1.24E-22	1.48E-22	1.19E-22	8.20E-23	9.27E-23	2.45E-22	1.10E-22	1.21E-22	2.92E-22
9.74E-23	1.24E-22	1.47E-22	1.19E-22	8.22E-23	9.29E-23	2.46E-22	1.11E-22	1.21E-22	2.93E-22
9.74E-23	1.24E-22	1.47E-22	1.19E-22	8.24E-23	9.31E-23	2.46E-22	1.12E-22	1.22E-22	2.93E-22
9.75E-23	1.24E-22	1.47E-22	1.19E-22	8.26E-23	9.33E-23	2.47E-22	1.12E-22	1.22E-22	2.93E-22
9.76E-23	1.25E-22	1.47E-22	1.19E-22	8.28E-23	9.35E-23	2.47E-22	1.13E-22	1.23E-22	2.93E-22
9.76E-23	1.25E-22	1.47E-22	1.18E-22	8.30E-23	9.37E-23	2.48E-22	1.13E-22	1.24E-22	2.93E-22
9.76E-23	1.25E-22	1.47E-22	1.18E-22	8.31E-23	9.39E-23	2.48E-22	1.14E-22	1.24E-22	2.93E-22

1.18	1.33	1.33	1.33	5.04	5.04	5.11	5.02	9.85	9.73
2.29E-23	1.69E-23	1.27E-23	1.32E-23	2.65E-23	1.08E-23	4.08E-23	1.91E-23	1.78E-23	2.92E-23
4359.197283	4360.195397	4365.404183	4365.45039	4374.972298	4376.130383	4377.38672	4377.847615	4388.033369	4390.727077
1.12E-22	8.34E-23	6.23E-23	6.50E-23	1.26E-22	5.11E-23	2.10E-22	8.85E-23	9.61E-23	1.39E-22
1.12E-22	8.35E-23	6.24E-23	6.51E-23	1.26E-22	5.13E-23	2.11E-22	8.88E-23	9.67E-23	1.40E-22
1.12E-22	8.36E-23	6.25E-23	6.51E-23	1.27E-22	5.14E-23	2.12E-22	8.91E-23	9.74E-23	1.41E-22
1.12E-22	8.37E-23	6.25E-23	6.52E-23	1.27E-22	5.16E-23	2.13E-22	8.94E-23	9.80E-23	1.42E-22
1.12E-22	8.37E-23	6.26E-23	6.53E-23	1.28E-22	5.18E-23	2.13E-22	8.97E-23	9.86E-23	1.43E-22
1.13E-22	8.38E-23	6.26E-23	6.53E-23	1.28E-22	5.19E-23	2.14E-22	9.00E-23	9.92E-23	1.43E-22
1.13E-22	8.39E-23	6.27E-23	6.54E-23	1.28E-22	5.21E-23	2.15E-22	9.02E-23	9.98E-23	1.44E-22
1.13E-22	8.40E-23	6.27E-23	6.54E-23	1.29E-22	5.22E-23	2.15E-22	9.05E-23	1.00E-22	1.45E-22
1.13E-22	8.40E-23	6.28E-23	6.55E-23	1.29E-22	5.24E-23	2.16E-22	9.08E-23	1.01E-22	1.46E-22
1.13E-22	8.41E-23	6.28E-23	6.55E-23	1.30E-22	5.25E-23	2.17E-22	9.10E-23	1.01E-22	1.47E-22
1.13E-22	8.41E-23	6.29E-23	6.56E-23	1.30E-22	5.27E-23	2.17E-22	9.13E-23	1.02E-22	1.48E-22
1.13E-22	8.42E-23	6.29E-23	6.56E-23	1.30E-22	5.28E-23	2.18E-22	9.15E-23	1.03E-22	1.48E-22
1.13E-22	8.42E-23	6.30E-23	6.56E-23	1.31E-22	5.29E-23	2.18E-22	9.17E-23	1.03E-22	1.49E-22
1.13E-22	8.43E-23	6.30E-23	6.57E-23	1.31E-22	5.31E-23	2.19E-22	9.19E-23	1.04E-22	1.50E-22
1.13E-22	8.43E-23	6.30E-23	6.57E-23	1.31E-22	5.32E-23	2.19E-22	9.22E-23	1.04E-22	1.51E-22
1.13E-22	8.44E-23	6.31E-23	6.58E-23	1.31E-22	5.33E-23	2.20E-22	9.24E-23	1.05E-22	1.51E-22
1.13E-22	8.44E-23	6.31E-23	6.58E-23	1.32E-22	5.34E-23	2.20E-22	9.26E-23	1.05E-22	1.52E-22
1.13E-22	8.45E-23	6.31E-23	6.58E-23	1.32E-22	5.36E-23	2.21E-22	9.28E-23	1.06E-22	1.53E-22
1.13E-22	8.45E-23	6.32E-23	6.59E-23	1.32E-22	5.37E-23	2.21E-22	9.30E-23	1.06E-22	1.53E-22
1.13E-22	8.45E-23	6.32E-23	6.59E-23	1.33E-22	5.38E-23	2.22E-22	9.32E-23	1.07E-22	1.54E-22

9.73	5.14	1.43	1.43	1.73	5.44
2.52E-23	1.16E-23	1.02E-23	1.03E-23	1.37E-23	1.43E-23
4391.762955	4491.909799	4501.697066	4535.17091	6029.1078	6039.157208
1.20E-22	6.02E-23	5.36E-23	5.40E-23	6.76E-23	6.90E-23
1.21E-22	6.04E-23	5.37E-23	5.41E-23	6.76E-23	6.92E-23
1.21E-22	6.06E-23	5.37E-23	5.41E-23	6.77E-23	6.95E-23
1.22E-22	6.08E-23	5.38E-23	5.42E-23	6.78E-23	6.97E-23
1.23E-22	6.10E-23	5.39E-23	5.42E-23	6.79E-23	7.00E-23
1.24E-22	6.12E-23	5.39E-23	5.43E-23	6.79E-23	7.02E-23
1.24E-22	6.14E-23	5.40E-23	5.43E-23	6.80E-23	7.04E-23
1.25E-22	6.15E-23	5.40E-23	5.44E-23	6.81E-23	7.07E-23
1.26E-22	6.17E-23	5.40E-23	5.44E-23	6.82E-23	7.09E-23
1.26E-22	6.19E-23	5.41E-23	5.45E-23	6.82E-23	7.11E-23
1.27E-22	6.21E-23	5.41E-23	5.45E-23	6.83E-23	7.13E-23
1.28E-22	6.22E-23	5.42E-23	5.45E-23	6.83E-23	7.15E-23
1.28E-22	6.24E-23	5.42E-23	5.46E-23	6.84E-23	7.17E-23
1.29E-22	6.25E-23	5.42E-23	5.46E-23	6.84E-23	7.19E-23
1.30E-22	6.27E-23	5.43E-23	5.46E-23	6.85E-23	7.21E-23
1.30E-22	6.29E-23	5.43E-23	5.47E-23	6.86E-23	7.23E-23
1.31E-22	6.30E-23	5.43E-23	5.47E-23	6.86E-23	7.24E-23
1.32E-22	6.31E-23	5.44E-23	5.47E-23	6.87E-23	7.26E-23
1.32E-22	6.33E-23	5.44E-23	5.48E-23	6.87E-23	7.28E-23
1.33E-22	6.34E-23	5.44E-23	5.48E-23	6.87E-23	7.30E-23

Sdev	9.42	6.27	3.31	0.79	1.78	3.76	5.24	6.25	6.8
S	1.55E-24	1.66E-24	1.73E-24	1.77E-24	1.75E-24	1.67E-24	1.53E-24	1.33E-24	1.08E-24
T/Wn	5313.136886	5313.57482	5313.97198	5314.328405	5314.644049	5314.918944	5315.153098	5315.346593	5315.499321
-23.1	6.32E-24	6.88E-24	7.28E-24	7.44E-24	7.31E-24	6.94E-24	6.28E-24	5.37E-24	4.26E-24
-20.5	6.36E-24	6.92E-24	7.30E-24	7.45E-24	7.31E-24	6.93E-24	6.27E-24	5.35E-24	4.24E-24
-17.9	6.41E-24	6.95E-24	7.32E-24	7.46E-24	7.31E-24	6.92E-24	6.25E-24	5.33E-24	4.23E-24
-15.3	6.45E-24	6.98E-24	7.35E-24	7.46E-24	7.31E-24	6.91E-24	6.24E-24	5.32E-24	4.21E-24
-12.6	6.49E-24	7.01E-24	7.36E-24	7.47E-24	7.31E-24	6.90E-24	6.22E-24	5.30E-24	4.20E-24
-10	6.53E-24	7.04E-24	7.38E-24	7.48E-24	7.30E-24	6.89E-24	6.21E-24	5.28E-24	4.18E-24
-7.4	6.57E-24	7.07E-24	7.40E-24	7.48E-24	7.30E-24	6.87E-24	6.19E-24	5.27E-24	4.17E-24
-4.7	6.61E-24	7.10E-24	7.41E-24	7.49E-24	7.29E-24	6.86E-24	6.17E-24	5.25E-24	4.15E-24
-2.1	6.64E-24	7.13E-24	7.43E-24	7.49E-24	7.29E-24	6.85E-24	6.16E-24	5.23E-24	4.14E-24
0.5	6.68E-24	7.15E-24	7.44E-24	7.49E-24	7.28E-24	6.83E-24	6.14E-24	5.21E-24	4.12E-24
3.2	6.71E-24	7.18E-24	7.46E-24	7.49E-24	7.27E-24	6.82E-24	6.12E-24	5.20E-24	4.11E-24
5.8	6.75E-24	7.20E-24	7.47E-24	7.50E-24	7.27E-24	6.81E-24	6.10E-24	5.18E-24	4.09E-24
8.4	6.78E-24	7.22E-24	7.48E-24	7.50E-24	7.26E-24	6.79E-24	6.09E-24	5.16E-24	4.08E-24
11.1	6.81E-24	7.24E-24	7.49E-24	7.50E-24	7.25E-24	6.78E-24	6.07E-24	5.14E-24	4.06E-24
13.7	6.84E-24	7.26E-24	7.50E-24	7.49E-24	7.24E-24	6.76E-24	6.05E-24	5.12E-24	4.05E-24
16.3	6.87E-24	7.28E-24	7.51E-24	7.49E-24	7.23E-24	6.74E-24	6.03E-24	5.11E-24	4.03E-24
19	6.90E-24	7.30E-24	7.51E-24	7.49E-24	7.22E-24	6.73E-24	6.01E-24	5.09E-24	4.02E-24
21.6	6.92E-24	7.31E-24	7.52E-24	7.49E-24	7.21E-24	6.71E-24	5.99E-24	5.07E-24	4.00E-24
24.2	6.95E-24	7.33E-24	7.53E-24	7.48E-24	7.20E-24	6.69E-24	5.97E-24	5.05E-24	3.98E-24
26.9	6.97E-24	7.34E-24	7.53E-24	7.48E-24	7.18E-24	6.68E-24	5.95E-24	5.03E-24	3.97E-24

12CO2

1.77	0.79	3.31	7.15	4.04	1.06	1.74	3.72	5.2	6.38
1.02E-24	1.03E-24	1.01E-24	1.51E-24	1.57E-24	1.59E-24	1.56E-24	1.47E-24	1.34E-24	1.15E-24
5326.05673	5327.242469	5328.38257	6059.864823	6061.525687	6063.175126	6064.81336	6066.440579	6068.056946	6069.662593
4.30E-24	4.35E-24	4.24E-24	6.17E-24	6.52E-24	6.69E-24	6.62E-24	6.27E-24	5.66E-24	4.79E-24
4.30E-24	4.35E-24	4.25E-24	6.21E-24	6.55E-24	6.70E-24	6.62E-24	6.26E-24	5.64E-24	4.78E-24
4.29E-24	4.36E-24	4.27E-24	6.24E-24	6.57E-24	6.71E-24	6.61E-24	6.25E-24	5.63E-24	4.76E-24
4.29E-24	4.36E-24	4.28E-24	6.27E-24	6.59E-24	6.72E-24	6.61E-24	6.24E-24	5.61E-24	4.74E-24
4.29E-24	4.37E-24	4.29E-24	6.30E-24	6.61E-24	6.73E-24	6.61E-24	6.23E-24	5.60E-24	4.73E-24
4.29E-24	4.37E-24	4.30E-24	6.33E-24	6.63E-24	6.74E-24	6.61E-24	6.22E-24	5.59E-24	4.71E-24
4.29E-24	4.37E-24	4.31E-24	6.36E-24	6.65E-24	6.74E-24	6.60E-24	6.21E-24	5.57E-24	4.70E-24
4.28E-24	4.38E-24	4.32E-24	6.39E-24	6.66E-24	6.75E-24	6.60E-24	6.20E-24	5.56E-24	4.68E-24
4.28E-24	4.38E-24	4.33E-24	6.42E-24	6.68E-24	6.75E-24	6.59E-24	6.19E-24	5.54E-24	4.67E-24
4.28E-24	4.38E-24	4.34E-24	6.44E-24	6.69E-24	6.76E-24	6.59E-24	6.18E-24	5.53E-24	4.65E-24
4.27E-24	4.38E-24	4.34E-24	6.47E-24	6.71E-24	6.76E-24	6.58E-24	6.16E-24	5.51E-24	4.63E-24
4.27E-24	4.38E-24	4.35E-24	6.49E-24	6.72E-24	6.76E-24	6.57E-24	6.15E-24	5.49E-24	4.62E-24
4.26E-24	4.38E-24	4.36E-24	6.51E-24	6.73E-24	6.76E-24	6.57E-24	6.14E-24	5.48E-24	4.60E-24
4.26E-24	4.38E-24	4.36E-24	6.54E-24	6.74E-24	6.77E-24	6.56E-24	6.12E-24	5.46E-24	4.58E-24
4.25E-24	4.38E-24	4.37E-24	6.56E-24	6.76E-24	6.77E-24	6.55E-24	6.11E-24	5.45E-24	4.57E-24
4.25E-24	4.38E-24	4.37E-24	6.58E-24	6.77E-24	6.77E-24	6.54E-24	6.10E-24	5.43E-24	4.55E-24
4.24E-24	4.38E-24	4.38E-24	6.60E-24	6.77E-24	6.76E-24	6.53E-24	6.08E-24	5.41E-24	4.54E-24
4.23E-24	4.38E-24	4.38E-24	6.62E-24	6.78E-24	6.76E-24	6.52E-24	6.07E-24	5.40E-24	4.52E-24
4.23E-24	4.37E-24	4.38E-24	6.63E-24	6.79E-24	6.76E-24	6.51E-24	6.05E-24	5.38E-24	4.50E-24
4.22E-24	4.37E-24	4.39E-24	6.65E-24	6.80E-24	6.76E-24	6.50E-24	6.04E-24	5.36E-24	4.48E-24

	7.3	6.59	5.41	3.75	1.59	1.32	4.19	7.13	7.1	7.71
	1.08E-24	1.31E-24	1.50E-24	1.63E-24	1.71E-24	1.73E-24	1.71E-24	1.64E-24	9.28E-24	6.45E-24
6081.368705	6082.884343	6084.389018	6085.882547	6087.364715	6088.83528	6090.293973	6091.740494	6223.128787	6224.752748	
	4.46E-24	5.54E-24	6.40E-24	7.00E-24	7.31E-24	7.34E-24	7.13E-24	6.75E-24	3.79E-23	2.57E-23
	4.45E-24	5.52E-24	6.39E-24	6.99E-24	7.31E-24	7.35E-24	7.16E-24	6.78E-24	3.78E-23	2.56E-23
	4.43E-24	5.50E-24	6.37E-24	6.98E-24	7.31E-24	7.37E-24	7.18E-24	6.82E-24	3.76E-23	2.54E-23
	4.41E-24	5.49E-24	6.35E-24	6.97E-24	7.31E-24	7.38E-24	7.20E-24	6.86E-24	3.75E-23	2.53E-23
	4.40E-24	5.47E-24	6.34E-24	6.96E-24	7.31E-24	7.39E-24	7.23E-24	6.89E-24	3.74E-23	2.52E-23
	4.38E-24	5.45E-24	6.32E-24	6.95E-24	7.31E-24	7.40E-24	7.25E-24	6.92E-24	3.72E-23	2.51E-23
	4.36E-24	5.43E-24	6.30E-24	6.94E-24	7.30E-24	7.40E-24	7.27E-24	6.95E-24	3.71E-23	2.50E-23
	4.34E-24	5.41E-24	6.29E-24	6.92E-24	7.30E-24	7.41E-24	7.29E-24	6.98E-24	3.69E-23	2.49E-23
	4.33E-24	5.39E-24	6.27E-24	6.91E-24	7.29E-24	7.42E-24	7.31E-24	7.01E-24	3.68E-23	2.48E-23
	4.31E-24	5.37E-24	6.25E-24	6.90E-24	7.29E-24	7.42E-24	7.32E-24	7.04E-24	3.67E-23	2.47E-23
	4.29E-24	5.35E-24	6.23E-24	6.88E-24	7.28E-24	7.43E-24	7.34E-24	7.07E-24	3.65E-23	2.46E-23
	4.28E-24	5.33E-24	6.21E-24	6.87E-24	7.27E-24	7.43E-24	7.35E-24	7.09E-24	3.64E-23	2.45E-23
	4.26E-24	5.31E-24	6.19E-24	6.85E-24	7.27E-24	7.43E-24	7.37E-24	7.12E-24	3.62E-23	2.44E-23
	4.24E-24	5.29E-24	6.18E-24	6.84E-24	7.26E-24	7.44E-24	7.38E-24	7.14E-24	3.61E-23	2.43E-23
	4.22E-24	5.27E-24	6.16E-24	6.82E-24	7.25E-24	7.44E-24	7.39E-24	7.17E-24	3.59E-23	2.42E-23
	4.21E-24	5.26E-24	6.14E-24	6.81E-24	7.24E-24	7.44E-24	7.41E-24	7.19E-24	3.58E-23	2.41E-23
	4.19E-24	5.24E-24	6.12E-24	6.79E-24	7.23E-24	7.44E-24	7.42E-24	7.21E-24	3.57E-23	2.40E-23
	4.17E-24	5.22E-24	6.10E-24	6.77E-24	7.22E-24	7.44E-24	7.43E-24	7.23E-24	3.55E-23	2.39E-23
	4.15E-24	5.20E-24	6.08E-24	6.76E-24	7.21E-24	7.44E-24	7.43E-24	7.25E-24	3.54E-23	2.38E-23
	4.14E-24	5.18E-24	6.06E-24	6.74E-24	7.20E-24	7.43E-24	7.44E-24	7.26E-24	3.52E-23	2.37E-23

	8.05	8.45	8.07	7.74	7.1	7.71	8.05	8.45	8.07	7.74
	3.32E-24	1.68E-24	4.99E-24	8.12E-24	9.45E-24	6.58E-24	3.39E-24	1.72E-24	5.10E-24	8.28E-24
6226.348676	6228.689985	6230.215765	6231.713421	6343.055554	6344.684073	6346.282553	6348.623862	6350.147089	6351.640189	
	1.26E-23	6.13E-24	1.95E-23	3.28E-23	3.86E-23	2.62E-23	1.29E-23	6.26E-24	1.99E-23	3.35E-23
	1.26E-23	6.10E-24	1.94E-23	3.27E-23	3.85E-23	2.61E-23	1.28E-23	6.23E-24	1.98E-23	3.33E-23
	1.25E-23	6.07E-24	1.93E-23	3.25E-23	3.84E-23	2.60E-23	1.28E-23	6.20E-24	1.97E-23	3.32E-23
	1.25E-23	6.04E-24	1.92E-23	3.24E-23	3.82E-23	2.59E-23	1.27E-23	6.17E-24	1.96E-23	3.30E-23
	1.24E-23	6.02E-24	1.92E-23	3.23E-23	3.81E-23	2.58E-23	1.27E-23	6.15E-24	1.96E-23	3.29E-23
	1.24E-23	5.99E-24	1.91E-23	3.21E-23	3.79E-23	2.56E-23	1.26E-23	6.12E-24	1.95E-23	3.28E-23
	1.23E-23	5.96E-24	1.90E-23	3.20E-23	3.78E-23	2.55E-23	1.26E-23	6.09E-24	1.94E-23	3.26E-23
	1.23E-23	5.93E-24	1.89E-23	3.19E-23	3.76E-23	2.54E-23	1.25E-23	6.06E-24	1.93E-23	3.25E-23
	1.22E-23	5.91E-24	1.88E-23	3.17E-23	3.75E-23	2.53E-23	1.25E-23	6.03E-24	1.92E-23	3.24E-23
	1.21E-23	5.88E-24	1.87E-23	3.16E-23	3.74E-23	2.52E-23	1.24E-23	6.01E-24	1.91E-23	3.22E-23
	1.21E-23	5.85E-24	1.87E-23	3.15E-23	3.72E-23	2.51E-23	1.23E-23	5.98E-24	1.91E-23	3.21E-23
	1.20E-23	5.83E-24	1.86E-23	3.13E-23	3.71E-23	2.50E-23	1.23E-23	5.95E-24	1.90E-23	3.20E-23
	1.20E-23	5.80E-24	1.85E-23	3.12E-23	3.69E-23	2.49E-23	1.22E-23	5.92E-24	1.89E-23	3.18E-23
	1.19E-23	5.77E-24	1.84E-23	3.11E-23	3.68E-23	2.48E-23	1.22E-23	5.89E-24	1.88E-23	3.17E-23
	1.19E-23	5.74E-24	1.83E-23	3.09E-23	3.66E-23	2.47E-23	1.21E-23	5.87E-24	1.87E-23	3.16E-23
	1.18E-23	5.72E-24	1.83E-23	3.08E-23	3.65E-23	2.46E-23	1.21E-23	5.84E-24	1.86E-23	3.14E-23
	1.18E-23	5.69E-24	1.82E-23	3.07E-23	3.63E-23	2.45E-23	1.20E-23	5.81E-24	1.85E-23	3.13E-23
	1.17E-23	5.66E-24	1.81E-23	3.05E-23	3.62E-23	2.44E-23	1.20E-23	5.78E-24	1.85E-23	3.11E-23
	1.17E-23	5.64E-24	1.80E-23	3.04E-23	3.60E-23	2.43E-23	1.19E-23	5.76E-24	1.84E-23	3.10E-23
	1.16E-23	5.61E-24	1.79E-23	3.03E-23	3.59E-23	2.42E-23	1.19E-23	5.73E-24	1.83E-23	3.09E-23

9.61	6.28	3.86	1.07	1.58	3.91	5.02	6.4	5.93	7.97
1.55E-24	1.67E-24	1.75E-24	1.79E-24	1.77E-24	1.69E-24	1.54E-24	1.33E-24	1.06E-24	1.25E-24
6484.89228	6486.631544	6488.354208	6490.060035	6491.74881	6493.420341	6495.074462	6496.711028	6498.329918	6508.417141
6.22E-24	6.78E-24	7.18E-24	7.46E-24	7.37E-24	7.02E-24	6.34E-24	5.40E-24	4.16E-24	5.12E-24
6.26E-24	6.82E-24	7.20E-24	7.47E-24	7.37E-24	7.01E-24	6.33E-24	5.38E-24	4.15E-24	5.10E-24
6.31E-24	6.85E-24	7.23E-24	7.48E-24	7.37E-24	7.00E-24	6.31E-24	5.37E-24	4.14E-24	5.08E-24
6.35E-24	6.88E-24	7.25E-24	7.49E-24	7.37E-24	6.99E-24	6.30E-24	5.35E-24	4.13E-24	5.06E-24
6.39E-24	6.91E-24	7.27E-24	7.50E-24	7.37E-24	6.98E-24	6.28E-24	5.33E-24	4.11E-24	5.04E-24
6.43E-24	6.94E-24	7.29E-24	7.51E-24	7.36E-24	6.97E-24	6.27E-24	5.31E-24	4.10E-24	5.02E-24
6.47E-24	6.97E-24	7.31E-24	7.51E-24	7.36E-24	6.95E-24	6.25E-24	5.30E-24	4.09E-24	4.99E-24
6.51E-24	7.00E-24	7.33E-24	7.52E-24	7.35E-24	6.94E-24	6.24E-24	5.28E-24	4.07E-24	4.97E-24
6.55E-24	7.02E-24	7.34E-24	7.53E-24	7.35E-24	6.93E-24	6.22E-24	5.26E-24	4.06E-24	4.95E-24
6.58E-24	7.05E-24	7.36E-24	7.53E-24	7.34E-24	6.91E-24	6.20E-24	5.24E-24	4.05E-24	4.93E-24
6.62E-24	7.07E-24	7.37E-24	7.53E-24	7.34E-24	6.90E-24	6.19E-24	5.22E-24	4.04E-24	4.91E-24
6.65E-24	7.09E-24	7.39E-24	7.54E-24	7.33E-24	6.88E-24	6.17E-24	5.21E-24	4.02E-24	4.89E-24
6.68E-24	7.11E-24	7.40E-24	7.54E-24	7.32E-24	6.87E-24	6.15E-24	5.19E-24	4.01E-24	4.87E-24
6.72E-24	7.13E-24	7.41E-24	7.54E-24	7.31E-24	6.85E-24	6.13E-24	5.17E-24	4.00E-24	4.84E-24
6.75E-24	7.15E-24	7.42E-24	7.54E-24	7.31E-24	6.83E-24	6.12E-24	5.15E-24	3.98E-24	4.82E-24
6.77E-24	7.17E-24	7.43E-24	7.54E-24	7.30E-24	6.82E-24	6.10E-24	5.13E-24	3.97E-24	4.80E-24
6.80E-24	7.19E-24	7.44E-24	7.54E-24	7.29E-24	6.80E-24	6.08E-24	5.11E-24	3.96E-24	4.78E-24
6.83E-24	7.21E-24	7.45E-24	7.54E-24	7.28E-24	6.78E-24	6.06E-24	5.09E-24	3.94E-24	4.76E-24
6.86E-24	7.22E-24	7.46E-24	7.53E-24	7.27E-24	6.77E-24	6.04E-24	5.07E-24	3.93E-24	4.74E-24
6.88E-24	7.24E-24	7.47E-24	7.53E-24	7.25E-24	6.75E-24	6.02E-24	5.05E-24	3.92E-24	4.71E-24

	6.76	5.25	3.6	1.79	0.56	2.76	5.93	9.08	7.73
	1.51E-24	1.72E-24	1.86E-24	1.93E-24	1.94E-24	1.89E-24	1.79E-24	1.66E-24	5.86E-24
6509.90186	6511.368781	6512.817996	6514.249623	6515.663801	6517.060693	6518.440487	6519.803394	6973.339183	
	6.28E-24	7.21E-24	7.85E-24	8.19E-24	8.25E-24	8.00E-24	7.44E-24	6.76E-24	2.17E-23
	6.26E-24	7.19E-24	7.84E-24	8.19E-24	8.26E-24	8.02E-24	7.48E-24	6.81E-24	2.16E-23
	6.23E-24	7.17E-24	7.83E-24	8.19E-24	8.27E-24	8.04E-24	7.51E-24	6.85E-24	2.15E-23
	6.21E-24	7.16E-24	7.82E-24	8.18E-24	8.27E-24	8.06E-24	7.55E-24	6.90E-24	2.15E-23
	6.19E-24	7.14E-24	7.81E-24	8.18E-24	8.28E-24	8.08E-24	7.58E-24	6.94E-24	2.14E-23
	6.17E-24	7.12E-24	7.80E-24	8.17E-24	8.28E-24	8.09E-24	7.61E-24	6.98E-24	2.13E-23
	6.15E-24	7.10E-24	7.78E-24	8.17E-24	8.29E-24	8.11E-24	7.64E-24	7.02E-24	2.12E-23
	6.13E-24	7.08E-24	7.77E-24	8.16E-24	8.29E-24	8.12E-24	7.67E-24	7.06E-24	2.11E-23
	6.10E-24	7.06E-24	7.76E-24	8.16E-24	8.29E-24	8.14E-24	7.69E-24	7.10E-24	2.10E-23
	6.08E-24	7.04E-24	7.74E-24	8.15E-24	8.29E-24	8.15E-24	7.72E-24	7.14E-24	2.09E-23
	6.06E-24	7.02E-24	7.73E-24	8.14E-24	8.29E-24	8.16E-24	7.74E-24	7.17E-24	2.08E-23
	6.04E-24	7.00E-24	7.71E-24	8.13E-24	8.29E-24	8.17E-24	7.77E-24	7.20E-24	2.07E-23
	6.01E-24	6.98E-24	7.70E-24	8.12E-24	8.29E-24	8.18E-24	7.79E-24	7.24E-24	2.07E-23
	5.99E-24	6.96E-24	7.68E-24	8.11E-24	8.29E-24	8.19E-24	7.81E-24	7.27E-24	2.06E-23
	5.97E-24	6.94E-24	7.66E-24	8.10E-24	8.29E-24	8.20E-24	7.83E-24	7.30E-24	2.05E-23
	5.94E-24	6.92E-24	7.64E-24	8.09E-24	8.28E-24	8.20E-24	7.85E-24	7.33E-24	2.04E-23
	5.92E-24	6.90E-24	7.63E-24	8.08E-24	8.28E-24	8.21E-24	7.87E-24	7.36E-24	2.03E-23
	5.90E-24	6.87E-24	7.61E-24	8.07E-24	8.27E-24	8.21E-24	7.88E-24	7.38E-24	2.02E-23
	5.88E-24	6.85E-24	7.59E-24	8.05E-24	8.27E-24	8.22E-24	7.90E-24	7.41E-24	2.01E-23
	5.85E-24	6.83E-24	7.57E-24	8.04E-24	8.26E-24	8.22E-24	7.91E-24	7.44E-24	2.00E-23

Sdev	9.11	5.78	2.8	0.6	2.1	4.07	5.38	6.38	7.09
T/Wn	4868.653809	4870.491699	4872.302734	4874.086426	4875.843262	4877.573242	4879.275879	4880.95166	4882.600586
-23.1	3.42E-23	3.72E-23	3.91E-23	3.97E-23	3.88E-23	3.66E-23	3.28E-23	2.77E-23	2.17E-23
-20.5	3.44E-23	3.74E-23	3.92E-23	3.97E-23	3.88E-23	3.65E-23	3.27E-23	2.76E-23	2.16E-23
-17.9	3.46E-23	3.75E-23	3.93E-23	3.98E-23	3.88E-23	3.65E-23	3.26E-23	2.75E-23	2.15E-23
-15.3	3.49E-23	3.77E-23	3.94E-23	3.98E-23	3.88E-23	3.64E-23	3.26E-23	2.74E-23	2.14E-23
-12.6	3.51E-23	3.78E-23	3.95E-23	3.98E-23	3.88E-23	3.63E-23	3.25E-23	2.74E-23	2.13E-23
-10	3.53E-23	3.80E-23	3.96E-23	3.98E-23	3.87E-23	3.63E-23	3.24E-23	2.73E-23	2.13E-23
-7.4	3.55E-23	3.81E-23	3.97E-23	3.99E-23	3.87E-23	3.62E-23	3.23E-23	2.72E-23	2.12E-23
-4.7	3.57E-23	3.83E-23	3.98E-23	3.99E-23	3.87E-23	3.61E-23	3.22E-23	2.71E-23	2.11E-23
-2.1	3.59E-23	3.84E-23	3.98E-23	3.99E-23	3.86E-23	3.61E-23	3.21E-23	2.70E-23	2.10E-23
0.5	3.61E-23	3.85E-23	3.99E-23	3.99E-23	3.86E-23	3.60E-23	3.20E-23	2.69E-23	2.09E-23
3.2	3.63E-23	3.86E-23	3.99E-23	3.99E-23	3.85E-23	3.59E-23	3.19E-23	2.68E-23	2.09E-23
5.8	3.64E-23	3.88E-23	4.00E-23	3.99E-23	3.85E-23	3.58E-23	3.18E-23	2.67E-23	2.08E-23
8.4	3.66E-23	3.89E-23	4.00E-23	3.99E-23	3.84E-23	3.57E-23	3.17E-23	2.66E-23	2.07E-23
11.1	3.68E-23	3.90E-23	4.01E-23	3.99E-23	3.84E-23	3.56E-23	3.17E-23	2.65E-23	2.06E-23
13.7	3.69E-23	3.91E-23	4.01E-23	3.99E-23	3.83E-23	3.56E-23	3.16E-23	2.64E-23	2.05E-23
16.3	3.71E-23	3.92E-23	4.02E-23	3.99E-23	3.83E-23	3.55E-23	3.15E-23	2.63E-23	2.05E-23
19	3.72E-23	3.92E-23	4.02E-23	3.98E-23	3.82E-23	3.54E-23	3.14E-23	2.62E-23	2.04E-23
21.6	3.73E-23	3.93E-23	4.02E-23	3.98E-23	3.81E-23	3.53E-23	3.13E-23	2.61E-23	2.03E-23
24.2	3.75E-23	3.94E-23	4.02E-23	3.98E-23	3.81E-23	3.52E-23	3.11E-23	2.60E-23	2.02E-23
26.9	3.76E-23	3.95E-23	4.02E-23	3.98E-23	3.80E-23	3.51E-23	3.10E-23	2.59E-23	2.01E-23

13CO2

7.27	6.55	5.55	4.07	2.1	0.6	2.98	5.96	9.11	9.11
4892.658203	4894.104004	4895.522461	4896.913574	4898.277344	4899.61377	4900.922363	4902.203613	4903.457031	4972.566406
2.58E-23	3.20E-23	3.71E-23	4.07E-23	4.29E-23	4.35E-23	4.25E-23	4.02E-23	3.69E-23	2.57E-23
2.57E-23	3.19E-23	3.70E-23	4.06E-23	4.29E-23	4.35E-23	4.26E-23	4.04E-23	3.72E-23	2.59E-23
2.56E-23	3.18E-23	3.69E-23	4.06E-23	4.29E-23	4.36E-23	4.27E-23	4.06E-23	3.74E-23	2.60E-23
2.55E-23	3.17E-23	3.68E-23	4.05E-23	4.29E-23	4.36E-23	4.28E-23	4.08E-23	3.77E-23	2.62E-23
2.54E-23	3.16E-23	3.67E-23	4.04E-23	4.28E-23	4.37E-23	4.30E-23	4.10E-23	3.79E-23	2.64E-23
2.53E-23	3.14E-23	3.66E-23	4.04E-23	4.28E-23	4.37E-23	4.30E-23	4.11E-23	3.81E-23	2.65E-23
2.52E-23	3.13E-23	3.65E-23	4.03E-23	4.28E-23	4.37E-23	4.31E-23	4.13E-23	3.83E-23	2.67E-23
2.51E-23	3.12E-23	3.64E-23	4.02E-23	4.27E-23	4.37E-23	4.32E-23	4.14E-23	3.86E-23	2.68E-23
2.50E-23	3.11E-23	3.63E-23	4.01E-23	4.27E-23	4.37E-23	4.33E-23	4.16E-23	3.88E-23	2.70E-23
2.49E-23	3.10E-23	3.62E-23	4.00E-23	4.26E-23	4.38E-23	4.34E-23	4.17E-23	3.90E-23	2.71E-23
2.48E-23	3.09E-23	3.61E-23	3.99E-23	4.26E-23	4.38E-23	4.34E-23	4.19E-23	3.92E-23	2.73E-23
2.47E-23	3.08E-23	3.60E-23	3.99E-23	4.25E-23	4.38E-23	4.35E-23	4.20E-23	3.93E-23	2.74E-23
2.46E-23	3.07E-23	3.58E-23	3.98E-23	4.25E-23	4.37E-23	4.36E-23	4.21E-23	3.95E-23	2.75E-23
2.45E-23	3.06E-23	3.57E-23	3.97E-23	4.24E-23	4.37E-23	4.36E-23	4.22E-23	3.97E-23	2.76E-23
2.44E-23	3.05E-23	3.56E-23	3.96E-23	4.24E-23	4.37E-23	4.37E-23	4.23E-23	3.99E-23	2.77E-23
2.43E-23	3.03E-23	3.55E-23	3.95E-23	4.23E-23	4.37E-23	4.37E-23	4.24E-23	4.00E-23	2.79E-23
2.42E-23	3.02E-23	3.54E-23	3.94E-23	4.22E-23	4.37E-23	4.37E-23	4.25E-23	4.02E-23	2.80E-23
2.41E-23	3.01E-23	3.53E-23	3.93E-23	4.22E-23	4.37E-23	4.38E-23	4.26E-23	4.03E-23	2.81E-23
2.40E-23	3.00E-23	3.51E-23	3.92E-23	4.21E-23	4.36E-23	4.38E-23	4.27E-23	4.05E-23	2.82E-23
2.39E-23	2.99E-23	3.50E-23	3.91E-23	4.20E-23	4.36E-23	4.38E-23	4.28E-23	4.06E-23	2.83E-23

5.78	2.8	0.6	2.1	4.07	5.38	6.38	6.55	5.55	4.07
4974.412109	4976.230957	4978.021973	4979.785645	4981.521484	4983.229492	4984.910156	4998.057617	4999.470703	5000.855957
2.81E-23	2.97E-23	3.02E-23	2.97E-23	2.81E-23	2.52E-23	2.14E-23	2.46E-23	2.84E-23	3.11E-23
2.82E-23	2.98E-23	3.03E-23	2.97E-23	2.80E-23	2.52E-23	2.13E-23	2.45E-23	2.84E-23	3.11E-23
2.84E-23	2.99E-23	3.03E-23	2.97E-23	2.80E-23	2.51E-23	2.12E-23	2.44E-23	2.83E-23	3.10E-23
2.85E-23	2.99E-23	3.03E-23	2.97E-23	2.79E-23	2.51E-23	2.12E-23	2.43E-23	2.82E-23	3.10E-23
2.86E-23	3.00E-23	3.04E-23	2.96E-23	2.79E-23	2.50E-23	2.11E-23	2.43E-23	2.81E-23	3.09E-23
2.87E-23	3.01E-23	3.04E-23	2.96E-23	2.78E-23	2.49E-23	2.10E-23	2.42E-23	2.81E-23	3.08E-23
2.88E-23	3.01E-23	3.04E-23	2.96E-23	2.78E-23	2.49E-23	2.10E-23	2.41E-23	2.80E-23	3.08E-23
2.89E-23	3.02E-23	3.04E-23	2.96E-23	2.77E-23	2.48E-23	2.09E-23	2.40E-23	2.79E-23	3.07E-23
2.90E-23	3.02E-23	3.04E-23	2.96E-23	2.77E-23	2.47E-23	2.08E-23	2.39E-23	2.78E-23	3.07E-23
2.91E-23	3.03E-23	3.04E-23	2.95E-23	2.76E-23	2.46E-23	2.07E-23	2.38E-23	2.77E-23	3.06E-23
2.92E-23	3.03E-23	3.04E-23	2.95E-23	2.76E-23	2.46E-23	2.07E-23	2.38E-23	2.77E-23	3.05E-23
2.93E-23	3.04E-23	3.04E-23	2.94E-23	2.75E-23	2.45E-23	2.06E-23	2.37E-23	2.76E-23	3.05E-23
2.94E-23	3.04E-23	3.04E-23	2.94E-23	2.74E-23	2.44E-23	2.05E-23	2.36E-23	2.75E-23	3.04E-23
2.94E-23	3.04E-23	3.04E-23	2.94E-23	2.74E-23	2.44E-23	2.04E-23	2.35E-23	2.74E-23	3.03E-23
2.95E-23	3.05E-23	3.04E-23	2.93E-23	2.73E-23	2.43E-23	2.04E-23	2.34E-23	2.73E-23	3.02E-23
2.96E-23	3.05E-23	3.04E-23	2.93E-23	2.72E-23	2.42E-23	2.03E-23	2.33E-23	2.72E-23	3.02E-23
2.97E-23	3.05E-23	3.04E-23	2.92E-23	2.72E-23	2.41E-23	2.02E-23	2.32E-23	2.71E-23	3.01E-23
2.97E-23	3.05E-23	3.04E-23	2.92E-23	2.71E-23	2.40E-23	2.01E-23	2.32E-23	2.70E-23	3.00E-23
2.98E-23	3.05E-23	3.03E-23	2.91E-23	2.70E-23	2.40E-23	2.01E-23	2.31E-23	2.69E-23	2.99E-23
2.98E-23	3.06E-23	3.03E-23	2.91E-23	2.69E-23	2.39E-23	2.00E-23	2.30E-23	2.69E-23	2.98E-23

2.1	0.6	2.98	5.96	9.11
5002.212891	5003.541992	5004.842773	5006.116211	5007.361816
3.27E-23	3.30E-23	3.21E-23	3.02E-23	2.75E-23
3.26E-23	3.30E-23	3.22E-23	3.03E-23	2.77E-23
3.26E-23	3.31E-23	3.22E-23	3.05E-23	2.79E-23
3.26E-23	3.31E-23	3.23E-23	3.06E-23	2.81E-23
3.26E-23	3.31E-23	3.24E-23	3.07E-23	2.83E-23
3.26E-23	3.31E-23	3.25E-23	3.09E-23	2.85E-23
3.25E-23	3.32E-23	3.25E-23	3.10E-23	2.86E-23
3.25E-23	3.32E-23	3.26E-23	3.11E-23	2.88E-23
3.25E-23	3.32E-23	3.27E-23	3.12E-23	2.89E-23
3.25E-23	3.32E-23	3.27E-23	3.13E-23	2.91E-23
3.24E-23	3.32E-23	3.28E-23	3.14E-23	2.92E-23
3.24E-23	3.32E-23	3.28E-23	3.15E-23	2.94E-23
3.23E-23	3.32E-23	3.29E-23	3.16E-23	2.95E-23
3.23E-23	3.32E-23	3.29E-23	3.17E-23	2.96E-23
3.22E-23	3.32E-23	3.29E-23	3.18E-23	2.98E-23
3.22E-23	3.31E-23	3.30E-23	3.18E-23	2.99E-23
3.21E-23	3.31E-23	3.30E-23	3.19E-23	3.00E-23
3.21E-23	3.31E-23	3.30E-23	3.20E-23	3.01E-23
3.20E-23	3.31E-23	3.30E-23	3.20E-23	3.02E-23
3.20E-23	3.31E-23	3.30E-23	3.21E-23	3.03E-23

Sdev	7.14	-360.18	-1075.9	-1073.79	-500.45	-1051
S	3.51E-25	2.40E-25	6.82E-25	2.27E-25	4.68E-26	1.40E-25
T/Wn	4002.7641	4040.375	4041.9231	4041.9231	4052.186550	4052.191050
-23.1	1.20E-24	-6.50E-24	-9.94E-25	-3.36E-25	-1.03E-24	-8.51E-25
-20.5	1.21E-24	-6.92E-24	-1.16E-24	-3.92E-25	-1.11E-24	-9.89E-25
-17.9	1.21E-24	-7.41E-24	-1.35E-24	-4.57E-25	-1.20E-24	-1.15E-24
-15.3	1.22E-24	-7.98E-24	-1.57E-24	-5.30E-25	-1.31E-24	-1.33E-24
-12.6	1.22E-24	-8.62E-24	-1.82E-24	-6.13E-25	-1.43E-24	-1.53E-24
-10	1.23E-24	-9.34E-24	-2.09E-24	-7.08E-25	-1.57E-24	-1.76E-24
-7.4	1.23E-24	-1.01E-23	-2.41E-24	-8.14E-25	-1.73E-24	-2.02E-24
-4.7	1.24E-24	-1.10E-23	-2.76E-24	-9.33E-25	-1.91E-24	-2.31E-24
-2.1	1.25E-24	-1.20E-23	-3.16E-24	-1.07E-24	-2.11E-24	-2.64E-24
0.5	1.25E-24	-1.30E-23	-3.60E-24	-1.22E-24	-2.33E-24	-3.01E-24
3.2	1.26E-24	-1.42E-23	-4.09E-24	-1.38E-24	-2.57E-24	-3.42E-24
5.8	1.26E-24	-1.54E-23	-4.64E-24	-1.57E-24	-2.84E-24	-3.87E-24
8.4	1.26E-24	-1.68E-23	-5.25E-24	-1.77E-24	-3.14E-24	-4.38E-24
11.1	1.27E-24	-1.83E-23	-5.93E-24	-2.00E-24	-3.46E-24	-4.95E-24
13.7	1.27E-24	-1.99E-23	-6.67E-24	-2.25E-24	-3.82E-24	-5.57E-24
16.3	1.28E-24	-2.16E-23	-7.50E-24	-2.53E-24	-4.21E-24	-6.26E-24
19	1.28E-24	-2.34E-23	-8.40E-24	-2.84E-24	-4.64E-24	-7.03E-24
21.6	1.28E-24	-2.54E-23	-9.39E-24	-3.17E-24	-5.10E-24	-7.87E-24
24.2	1.29E-24	-2.76E-23	-1.05E-23	-3.54E-24	-5.61E-24	-8.79E-24
26.9	1.29E-24	-2.99E-23	-1.17E-23	-3.94E-24	-6.16E-24	-9.80E-24

H216O

.55	-1533.81	-1526.54	-2071.39		6.46	6.71	-451.80	-456.14			0.4
4.40e-26	1.32e-25	2.92e-26	1.07e-25	5.	12e-26	1.	21e-26	1.21e-26	8.39e-25	2.52	e-25 7.26
53.941200	4053.941200	4065.571330	4159.851410	4243.	854890	4359.	311590	4359.359880	4581.310340	4614.46	0940 4624.12
-4.401140e-26	-1.409396e-25	-3.770404e-26	3.315973e-25		1.62E-25	-1.115889e-25	-1.078685e-25	2.625063e-24			7.77E-25
-5.249988e-26	-1.680745e-25	-4.577404e-26	3.332392e-25		1.63E-25	-1.242371e-25	-1.201650e-25	2.627103e-24			7.80E-25
-6.238546e-26	-1.996666e-25	-5.533950e-26	3.348255e-25		1.64E-25	-1.380079e-25	-1.335586e-25	2.628898e-24			7.84E-25
-7.385757e-26	-2.363189e-25	-6.663417e-26	3.363594e-25		1.65E-25	-1.529706e-25	-1.481177e-25	2.630472e-24			7.88E-25
-8.712339e-26	-2.786907e-25	-7.991885e-26	3.378372e-25		1.66E-25	-1.691930e-25	-1.639089e-25	2.631794e-24			7.91E-25
-1.024147e-25	-3.275195e-25	-9.548915e-26	3.392676e-25		1.66E-25	-1.867510e-25	-1.810067e-25	2.632929e-24			7.94E-25
-1.199815e-25	-3.836001e-25	-1.136717e-25	3.406458e-25		1.67E-25	-2.057146e-25	-1.994802e-25	2.633839e-24			7.98E-25
-1.401000e-25	-4.478107e-25	-1.348325e-25	3.419745e-25		1.68E-25	-2.261598e-25	-2.194041e-25	2.634543e-24			8.01E-25
-1.630699e-25	-5.211044e-25	-1.593767e-25	3.432544e-25		1.68E-25	-2.481619e-25	-2.408527e-25	2.635043e-24			8.04E-25
-1.892193e-25	-6.045235e-25	-1.877544e-25	3.444890e-25		1.69E-25	-2.718003e-25	-2.639040e-25	2.635365e-24			8.07E-25
-2.189020e-25	-6.991927e-25	-2.204603e-25	3.456770e-25		1.70E-25	-2.971514e-25	-2.886337e-25	2.635497e-24			8.10E-25
-2.525022e-25	-8.063315e-25	-2.580402e-25	3.468218e-25		1.70E-25	-3.242968e-25	-3.151217e-25	2.635462e-24			8.12E-25
-2.904333e-25	-9.272533e-25	-3.010916e-25	3.479211e-25		1.71E-25	-3.533138e-25	-3.434445e-25	2.635241e-24			8.15E-25
-3.331427e-25	-1.063378e-24	-3.502700e-25	3.489793e-25		1.71E-25	-3.842859e-25	-3.736845e-25	2.634866e-24			8.17E-25
-3.811083e-25	-1.216224e-24	-4.062901e-25	3.499948e-25		1.72E-25	-4.172927e-25	-4.059202e-25	2.634322e-24			8.20E-25
-4.348459e-25	-1.387426e-24	-4.699311e-25	3.509703e-25		1.72E-25	-4.524179e-25	-4.402341e-25	2.633627e-24			8.22E-25
-4.949049e-25	-1.578729e-24	-5.420387e-25	3.519076e-25		1.73E-25	-4.897440e-25	-4.767075e-25	2.632794e-24			8.24E-25
-5.618689e-25	-1.791984e-24	-6.235277e-25	3.528047e-25		1.73E-25	-5.293512e-25	-5.154198e-25	2.631804e-24			8.27E-25
-6.363660e-25	-2.029182e-24	-7.153903e-25	3.536649e-25		1.74E-25	-5.713240e-25	-5.564546e-25	2.630681e-24			8.29E-25
-7.190619e-25	-2.292435e-24	-8.186999e-25	3.544897e-25		1.74E-25	-6.157471e-25	-5.998952e-25	2.629434e-24			8.31E-25

	6.53		0.33		0.37		8.96		0.61		0.39		5.35		0.4		5.88
e-25	4.80	e-25	2.51	e-25	3.74	e-25	5.16	e-26	8.43	e-25	1.80	e-25	7.67	e-25	1.27	e-26	1.88
1920	4641.03	5910	4700.06	5340	4713.93	6980	4722.01	5650	4725.41	6570	4749.46	4220	4750.67	1560	4755.38	5050	4771.44
	2.28E-24		1.55E-24		8.30E-25		1.15E-24		1.64E-25		2.84E-24		6.15E-25		2.39E-24		3.82E-26
	2.28E-24		1.55E-24		8.26E-25		1.15E-24		1.64E-25		2.83E-24		6.15E-25		2.38E-24		3.83E-26
	2.28E-24		1.55E-24		8.22E-25		1.15E-24		1.64E-25		2.82E-24		6.15E-25		2.38E-24		3.85E-26
	2.28E-24		1.55E-24		8.18E-25		1.15E-24		1.64E-25		2.81E-24		6.16E-25		2.37E-24		3.87E-26
	2.28E-24		1.55E-24		8.14E-25		1.16E-24		1.64E-25		2.80E-24		6.16E-25		2.36E-24		3.88E-26
	2.28E-24		1.55E-24		8.09E-25		1.16E-24		1.64E-25		2.80E-24		6.16E-25		2.35E-24		3.90E-26
	2.28E-24		1.55E-24		8.05E-25		1.16E-24		1.64E-25		2.79E-24		6.16E-25		2.35E-24		3.91E-26
	2.28E-24		1.55E-24		8.01E-25		1.16E-24		1.64E-25		2.78E-24		6.16E-25		2.34E-24		3.92E-26
	2.28E-24		1.55E-24		7.97E-25		1.16E-24		1.64E-25		2.77E-24		6.16E-25		2.33E-24		3.94E-26
	2.28E-24		1.55E-24		7.93E-25		1.16E-24		1.64E-25		2.77E-24		6.16E-25		2.32E-24		3.95E-26
	2.28E-24		1.55E-24		7.90E-25		1.16E-24		1.64E-25		2.76E-24		6.16E-25		2.32E-24		3.96E-26
	2.28E-24		1.55E-24		7.86E-25		1.16E-24		1.64E-25		2.75E-24		6.16E-25		2.31E-24		3.97E-26
	2.28E-24		1.55E-24		7.82E-25		1.16E-24		1.64E-25		2.74E-24		6.16E-25		2.30E-24		3.99E-26
	2.28E-24		1.55E-24		7.78E-25		1.16E-24		1.64E-25		2.73E-24		6.16E-25		2.29E-24		4.00E-26
	2.28E-24		1.55E-24		7.74E-25		1.16E-24		1.64E-25		2.72E-24		6.15E-25		2.29E-24		4.01E-26
	2.28E-24		1.55E-24		7.71E-25		1.16E-24		1.64E-25		2.72E-24		6.15E-25		2.28E-24		4.02E-26
	2.28E-24		1.55E-24		7.67E-25		1.16E-24		1.64E-25		2.71E-24		6.15E-25		2.27E-24		4.03E-26
	2.28E-24		1.55E-24		7.63E-25		1.16E-24		1.64E-25		2.70E-24		6.15E-25		2.26E-24		4.04E-26
	2.28E-24		1.55E-24		7.60E-25		1.16E-24		1.64E-25		2.69E-24		6.14E-25		2.26E-24		4.04E-26
	2.28E-24		1.55E-24		7.56E-25		1.16E-24		1.64E-25		2.68E-24		6.14E-25		2.25E-24		4.05E-26

	5.8		6.81		6.62		7.14	1.20	-1552.73		0.34		8.56	
e-25	1.06	e-25	3.78	e-26	6.05	e-25	4.20	e-26	2.76e-25	8.70e	-25	2.13e	-25	1.51e
5650	4780.51	5750	4843.30	8690	4891.43	0870	4924.56	5530	4928.691790	4939.192	780	4941.210	820	4950.323
	6.59E-25		3.00E-25		1.20E-25		1.82E-24		-2.974912e-26	8.375565e-25		2.44E-24		6.50E-25
	6.63E-25		3.01E-25		1.20E-25		1.83E-24		-3.551291e-26	8.381138e-25		2.46E-24		6.54E-25
	6.66E-25		3.03E-25		1.21E-25		1.83E-24		-4.223019e-26	8.385929e-25		2.47E-24		6.57E-25
	6.69E-25		3.04E-25		1.22E-25		1.83E-24		-5.003100e-26	8.390014e-25		2.49E-24		6.60E-25
	6.72E-25		3.06E-25		1.22E-25		1.83E-24		-5.905768e-26	8.393293e-25		2.50E-24		6.64E-25
	6.75E-25		3.07E-25		1.23E-25		1.83E-24		-6.946961e-26	8.395980e-25		2.52E-24		6.67E-25
	6.78E-25		3.08E-25		1.23E-25		1.84E-24		-8.143875e-26	8.397946e-25		2.53E-24		6.70E-25
	6.81E-25		3.09E-25		1.24E-25		1.84E-24		-9.515526e-26	8.399255e-25		2.54E-24		6.73E-25
	6.84E-25		3.11E-25		1.24E-25		1.84E-24		-1.108257e-25	8.399916e-25		2.56E-24		6.75E-25
	6.86E-25		3.12E-25		1.25E-25		1.84E-24		-1.286762e-25	8.400011e-25		2.57E-24		6.78E-25
	6.89E-25		3.13E-25		1.25E-25		1.84E-24		-1.489509e-25	8.399502e-25		2.58E-24		6.81E-25
	6.91E-25		3.14E-25		1.26E-25		1.84E-24		-1.719149e-25	8.398460e-25		2.59E-24		6.83E-25
	6.94E-25		3.15E-25		1.26E-25		1.84E-24		-1.978538e-25	8.396827e-25		2.60E-24		6.86E-25
	6.96E-25		3.16E-25		1.27E-25		1.84E-24		-2.270769e-25	8.394704e-25		2.61E-24		6.88E-25
	6.98E-25		3.17E-25		1.27E-25		1.84E-24		-2.599145e-25	8.392040e-25		2.62E-24		6.90E-25
	7.00E-25		3.18E-25		1.28E-25		1.84E-24		-2.967237e-25	8.388903e-25		2.63E-24		6.92E-25
	7.02E-25		3.19E-25		1.28E-25		1.84E-24		-3.378848e-25	8.385324e-25		2.64E-24		6.94E-25
	7.04E-25		3.20E-25		1.28E-25		1.84E-24		-3.838023e-25	8.381247e-25		2.65E-24		6.96E-25
	7.06E-25		3.20E-25		1.29E-25		1.84E-24		-4.349112e-25	8.376748e-25		2.66E-24		6.98E-25
	7.08E-25		3.21E-25		1.29E-25		1.84E-24		-4.916736e-25	8.371856e-25		2.67E-24		7.00E-25

7.14	-1086.66	-	1089.67	-1253.37	-1329.59	-357.82	-703.23	-117.91	6.24	
-25	5.04e-26	1.09e-26	3.27E-26	6.66E-25	2.28E-25	5.24E-26	5.08E-26	1.94E-26	3.64E-25	
910	4950.323910	4958.702390	4958.80576	4975.66533	4975.678	4981.65531	4995.270640	5 005.341860	5 025.880020	50
		-2.03061E-25	-3.05E-26	-6.59E-26	-1.42E-23	-8.75E-25	-5.04E-24	1.71E-25	-1.21E-25	
		-2.37442E-25	-3.59E-26	-7.79E-26	-1.54E-23	-9.98E-25	-4.11E-24	1.71E-25	-1.37E-25	
		-2.76695E-25	-4.22E-26	-9.18E-26	-1.67E-23	-1.14E-24	-3.69E-24	1.70E-25	-1.55E-25	
		-3.21369E-25	-4.93E-26	-1.08E-25	-1.82E-23	-1.29E-24	-3.50E-24	1.69E-25	-1.74E-25	
		-3.72051E-25	-5.75E-26	-1.26E-25	-1.97E-23	-1.46E-24	-3.43E-24	1.69E-25	-1.96E-25	
		-4.2939E-25	-6.69E-26	-1.47E-25	-2.15E-23	-1.64E-24	-3.45E-24	1.68E-25	-2.19E-25	
		-4.94063E-25	-7.75E-26	-1.71E-25	-2.33E-23	-1.85E-24	-3.52E-24	1.68E-25	-2.45E-25	
		-5.6681E-25	-8.95E-26	-1.98E-25	-2.53E-23	-2.08E-24	-3.63E-24	1.67E-25	-2.73E-25	
		-6.48415E-25	-1.03E-25	-2.29E-25	-2.75E-23	-2.33E-24	-3.79E-24	1.67E-25	-3.04E-25	
		-7.39723E-25	-1.18E-25	-2.64E-25	-2.99E-23	-2.60E-24	-3.97E-24	1.66E-25	-3.38E-25	
		-8.41624E-25	-1.36E-25	-3.03E-25	-3.24E-23	-2.90E-24	-4.19E-24	1.65E-25	-3.74E-25	
		-9.55069E-25	-1.55E-25	-3.47E-25	-3.51E-23	-3.22E-24	-4.43E-24	1.65E-25	-4.14E-25	
		-1.08106E-24	-1.77E-25	-3.97E-25	-3.81E-23	-3.58E-24	-4.71E-24	1.64E-25	-4.57E-25	
		-1.22066E-24	-2.01E-25	-4.52E-25	-4.12E-23	-3.96E-24	-5.01E-24	1.64E-25	-5.04E-25	
		-1.37499E-24	-2.28E-25	-5.14E-25	-4.46E-23	-4.38E-24	-5.34E-24	1.63E-25	-5.54E-25	
		-1.54524E-24	-2.58E-25	-5.83E-25	-4.82E-23	-4.83E-24	-5.71E-24	1.63E-25	-6.08E-25	
		-1.73265E-24	-2.91E-25	-6.60E-25	-5.20E-23	-5.32E-24	-6.10E-24	1.62E-25	-6.66E-25	
		-1.93851E-24	-3.28E-25	-7.45E-25	-5.61E-23	-5.85E-24	-6.53E-24	1.62E-25	-7.29E-25	
		-2.16418E-24	-3.68E-25	-8.39E-25	-6.04E-23	-6.42E-24	-6.99E-24	1.61E-25	-7.96E-25	
		-2.41112E-24	-4.13E-25	-9.42E-25	-6.50E-23	-7.03E-24	-7.48E-24	1.60E-25	-8.68E-25	

-617.24	0.82	6.46	7.39	2.71	0.45	6.71	7.14	-200.49
1.24E-25	4.88E-26	5.45E-26	1.20E-26	6.98E-26	5.77E-25	4.88E-25	1.11E-26	6.17E-25
62.145080 51	17.348680 51	68.821260 51	99.916920 52	39.493690 53	17.199050 54	48.561030 54	56.674570 545	8.324290 546
1.15E-24	3.83E-25	1.51E-25	1.77E-25	3.96E-26	2.19E-25	1.83E-24	-8.61E-24	3.44E-26
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1.15E-24	4.00E-25	1.59E-25	1.80E-25	3.96E-26	2.29E-25	1.91E-24	-1.61E-23	3.59E-26
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1.15E-24	4.03E-25	1.60E-25	1.81E-25	3.96E-26	2.31E-25	1.93E-24	-1.91E-23	3.62E-26
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5592.1934	5592.1934	5600.769610	5 614.388350	56 18.685990	561 9.949250	5630.	541200	5630
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44e-26	7.0	0e-26	7.91	e-25	6.74e-	26	2.85e-	26	1.91e-	25	1.15e-	25	3.25e-	25	3.20e-	25	3.63e-
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	1.04E-24		9.26E-25		1.13E-25		7.80E-26		1.90E-24		4.79E-26		1.40E-25		6.10E-26		2.46E-25
	1.04E-24		9.23E-25		1.12E-25		7.81E-26		1.90E-24		4.78E-26		1.40E-25		6.12E-26		2.45E-25
	1.04E-24		9.20E-25		1.12E-25		7.82E-26		1.90E-24		4.77E-26		1.39E-25		6.13E-26		2.45E-25

	6.06		6.46		6.01		3.41		5.3		0.34		0.61		7.39		0.64
25	4.50e-	26	3.05e-	25	1.10e-	26	1.90e-	25	3.99e-	26	4.84e-	26	7.97e-	26	2.54e-	25	9.58e-
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	7.36E-26		3.34E-25		4.33E-25		1.49E-25		9.66E-25		3.53E-26		5.73E-25		1.30E-25		1.62E-25
	7.40E-26		3.33E-25		4.34E-25		1.49E-25		9.67E-25		3.54E-26		5.76E-25		1.31E-25		1.62E-25
	7.44E-26		3.32E-25		4.35E-25		1.48E-25		9.67E-25		3.54E-26		5.79E-25		1.31E-25		1.62E-25
	7.47E-26		3.30E-25		4.36E-25		1.48E-25		9.68E-25		3.54E-26		5.82E-25		1.31E-25		1.62E-25
	7.50E-26		3.29E-25		4.38E-25		1.48E-25		9.68E-25		3.55E-26		5.85E-25		1.31E-25		1.62E-25
	7.53E-26		3.28E-25		4.39E-25		1.47E-25		9.69E-25		3.55E-26		5.88E-25		1.31E-25		1.62E-25
	7.56E-26		3.27E-25		4.40E-25		1.47E-25		9.69E-25		3.55E-26		5.91E-25		1.31E-25		1.62E-25
	7.59E-26		3.26E-25		4.40E-25		1.46E-25		9.69E-25		3.55E-26		5.93E-25		1.31E-25		1.62E-25
	7.62E-26		3.25E-25		4.41E-25		1.46E-25		9.69E-25		3.55E-26		5.96E-25		1.31E-25		1.62E-25
	7.65E-26		3.24E-25		4.42E-25		1.45E-25		9.69E-25		3.55E-26		5.98E-25		1.31E-25		1.62E-25
	7.68E-26		3.23E-25		4.43E-25		1.45E-25		9.69E-25		3.56E-26		6.01E-25		1.31E-25		1.62E-25
	7.70E-26		3.22E-25		4.44E-25		1.45E-25		9.69E-25		3.56E-26		6.03E-25		1.31E-25		1.62E-25
	7.73E-26		3.21E-25		4.44E-25		1.44E-25		9.69E-25		3.56E-26		6.05E-25		1.31E-25		1.62E-25
	7.75E-26		3.20E-25		4.45E-25		1.44E-25		9.68E-25		3.56E-26		6.07E-25		1.31E-25		1.62E-25
	7.77E-26		3.19E-25		4.46E-25		1.43E-25		9.68E-25		3.56E-26		6.09E-25		1.31E-25		1.62E-25
	7.79E-26		3.18E-25		4.46E-25		1.43E-25		9.68E-25		3.56E-26		6.11E-25		1.31E-25		1.62E-25
	7.81E-26		3.17E-25		4.47E-25		1.43E-25		9.67E-25		3.56E-26		6.13E-25		1.31E-25		1.62E-25
	7.83E-26		3.16E-25		4.47E-25		1.42E-25		9.67E-25		3.56E-26		6.15E-25		1.31E-25		1.62E-25
	7.85E-26		3.15E-25		4.48E-25		1.42E-25		9.66E-25		3.55E-26		6.17E-25		1.31E-25		1.62E-25
	7.87E-26		3.14E-25		4.48E-25		1.41E-25		9.66E-25		3.55E-26		6.19E-25		1.31E-25		1.62E-25

	0.4		7.14		6.73		0.82		6.47		3.41		3.72		5.21		0.61
26	7.56e-	26	3.45e-	25	8.96e-	26	2.64e-	25	1.10e-	25	3.17e-	25	1.68e-	25	5.57e-	26	1.80e-
40	6256.7466	60	6260.8231	00	6264.6065	00	6279.5513	80	6288.3427	60	6300.4605	30	6316.6760	20	6322.6453	10	6335.4493
	2.41E-25		8.83E-25		3.04E-25		2.34E-25		1.03E-24		2.88E-25		8.42E-25		3.53E-25		1.02E-24
	2.42E-25		8.88E-25		3.04E-25		2.35E-25		1.03E-24		2.88E-25		8.39E-25		3.53E-25		1.03E-24
	2.44E-25		8.92E-25		3.04E-25		2.36E-25		1.04E-24		2.87E-25		8.37E-25		3.54E-25		1.03E-24
	2.45E-25		8.96E-25		3.04E-25		2.37E-25		1.04E-24		2.87E-25		8.35E-25		3.54E-25		1.04E-24
	2.46E-25		9.00E-25		3.04E-25		2.38E-25		1.04E-24		2.86E-25		8.33E-25		3.54E-25		1.04E-24
	2.47E-25		9.04E-25		3.04E-25		2.39E-25		1.04E-24		2.85E-25		8.30E-25		3.54E-25		1.05E-24
	2.48E-25		9.08E-25		3.04E-25		2.40E-25		1.05E-24		2.85E-25		8.28E-25		3.55E-25		1.05E-24
	2.49E-25		9.12E-25		3.04E-25		2.41E-25		1.05E-24		2.84E-25		8.26E-25		3.55E-25		1.05E-24
	2.50E-25		9.15E-25		3.04E-25		2.42E-25		1.05E-24		2.84E-25		8.23E-25		3.55E-25		1.06E-24
	2.51E-25		9.19E-25		3.04E-25		2.43E-25		1.05E-24		2.83E-25		8.21E-25		3.55E-25		1.06E-24
	2.52E-25		9.22E-25		3.03E-25		2.44E-25		1.05E-24		2.83E-25		8.19E-25		3.55E-25		1.07E-24
	2.53E-25		9.25E-25		3.03E-25		2.45E-25		1.06E-24		2.82E-25		8.17E-25		3.55E-25		1.07E-24
	2.54E-25		9.28E-25		3.03E-25		2.45E-25		1.06E-24		2.82E-25		8.14E-25		3.55E-25		1.07E-24
	2.55E-25		9.31E-25		3.03E-25		2.46E-25		1.06E-24		2.81E-25		8.12E-25		3.55E-25		1.08E-24
	2.56E-25		9.34E-25		3.03E-25		2.47E-25		1.06E-24		2.80E-25		8.10E-25		3.55E-25		1.08E-24
	2.57E-25		9.37E-25		3.02E-25		2.47E-25		1.06E-24		2.80E-25		8.07E-25		3.55E-25		1.08E-24
	2.58E-25		9.40E-25		3.02E-25		2.48E-25		1.06E-24		2.79E-25		8.05E-25		3.55E-25		1.08E-24
	2.58E-25		9.42E-25		3.02E-25		2.49E-25		1.06E-24		2.79E-25		8.03E-25		3.55E-25		1.09E-24
	2.59E-25		9.44E-25		3.02E-25		2.49E-25		1.07E-24		2.78E-25		8.00E-25		3.55E-25		1.09E-24
	2.60E-25		9.47E-25		3.01E-25		2.50E-25		1.07E-24		2.77E-25		7.98E-25		3.55E-25		1.09E-24

	6.2		9.02		8.98		3.95		5.39		6.93		6.41		-530.69		-317.59
26	6.17e-	26	2.70e-	25	1.06e-	25	1.22e-	26	4.40e-	26	1.69e-	26	1.07e-	-25	3.10e-	25	1.11e-25
10	6354.6925	20	6392.2224	00	6398.0161	60	6426.8552	00	6453.4362	00	6467.6171	10	6468.153	670	6469.4771	20	6489.323440
	5.88E-25		1.91E-25		5.84E-26		2.03E-25		8.51E-25		3.34E-25		-3.67E-26		-4.10E-25		5.15E-26
	5.85E-25		1.90E-25		5.83E-26		2.02E-25		8.56E-25		3.36E-25		-4.13E-26		-4.48E-25		5.15E-26
	5.82E-25		1.89E-25		5.82E-26		2.01E-25		8.60E-25		3.37E-25		-4.63E-26		-4.90E-25		5.15E-26
	5.79E-25		1.88E-25		5.81E-26		2.01E-25		8.64E-25		3.39E-25		-5.17E-26		-5.34E-25		5.15E-26
	5.76E-25		1.88E-25		5.80E-26		2.00E-25		8.68E-25		3.40E-25		-5.77E-26		-5.81E-25		5.16E-26
	5.73E-25		1.87E-25		5.79E-26		2.00E-25		8.72E-25		3.42E-25		-6.42E-26		-6.31E-25		5.16E-26
	5.70E-25		1.86E-25		5.78E-26		1.99E-25		8.76E-25		3.43E-25		-7.13E-26		-6.84E-25		5.16E-26
	5.68E-25		1.85E-25		5.76E-26		1.99E-25		8.79E-25		3.44E-25		-7.90E-26		-7.40E-25		5.16E-26
	5.65E-25		1.84E-25		5.75E-26		1.98E-25		8.83E-25		3.45E-25		-8.73E-26		-8.00E-25		5.16E-26
	5.62E-25		1.83E-25		5.74E-26		1.97E-25		8.86E-25		3.47E-25		-9.63E-26		-8.63E-25		5.16E-26
	5.59E-25		1.82E-25		5.73E-26		1.97E-25		8.90E-25		3.48E-25		-1.06E-25		-9.30E-25		5.16E-26
	5.56E-25		1.81E-25		5.72E-26		1.96E-25		8.93E-25		3.49E-25		-1.16E-25		-1.00E-24		5.16E-26
	5.54E-25		1.80E-25		5.70E-26		1.96E-25		8.96E-25		3.50E-25		-1.28E-25		-1.08E-24		5.16E-26
	5.51E-25		1.79E-25		5.69E-26		1.95E-25		8.99E-25		3.51E-25		-1.40E-25		-1.15E-24		5.16E-26
	5.48E-25		1.78E-25		5.68E-26		1.95E-25		9.02E-25		3.52E-25		-1.53E-25		-1.24E-24		5.16E-26
	5.46E-25		1.78E-25		5.66E-26		1.94E-25		9.04E-25		3.53E-25		-1.67E-25		-1.32E-24		5.15E-26
	5.43E-25		1.77E-25		5.65E-26		1.93E-25		9.07E-25		3.54E-25		-1.81E-25		-1.41E-24		5.15E-26
	5.40E-25		1.76E-25		5.64E-26		1.93E-25		9.10E-25		3.55E-25		-1.97E-25		-1.51E-24		5.15E-26
	5.38E-25		1.75E-25		5.63E-26		1.92E-25		9.12E-25		3.56E-25		-2.14E-25		-1.61E-24		5.15E-26
	5.35E-25		1.74E-25		5.61E-26		1.92E-25		9.15E-25		3.57E-25		-2.32E-25		-1.71E-24		5.14E-26

0.33	0.33	0.4	6.31	-361.09	5.8	-733.17	-345.05	-420.95	-501.6
1.28E-26	4.40E-26	2.81E-26	1.33E-26	1.99E-26	1.15E-25	4.28E-25	1.47E-25	3.19E-25	5.16E-25
6492.5004	6495.58224	6504.0049	6512.9927	6528.3847	6530.87608	6558.58233	6558.98061	6784.12959	6788.294900 6
3.68E-25	1.10E-24	3.54E-25	-1.48E-25	1.49E-25	-4.40E-26	-4.50E-26	-1.66E-25	-4.90E-25	-1.76E-22
3.68E-25	1.10E-24	3.55E-25	-1.62E-25	1.50E-25	-5.03E-26	-4.95E-26	-1.84E-25	-5.49E-25	-1.03E-22
3.68E-25	1.10E-24	3.57E-25	-1.78E-25	1.50E-25	-5.74E-26	-5.43E-26	-2.03E-25	-6.14E-25	-7.81E-23
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3.69E-25	1.10E-24	3.60E-25	-2.13E-25	1.52E-25	-7.40E-26	-6.50E-26	-2.47E-25	-7.61E-25	-5.89E-23
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3.69E-25	1.10E-24	3.67E-25	-3.25E-25	1.54E-25	-1.33E-25	-9.84E-26	-3.91E-25	-1.25E-24	-4.92E-23
3.69E-25	1.10E-24	3.68E-25	-3.52E-25	1.55E-25	-1.49E-25	-1.06E-25	-4.26E-25	-1.38E-24	-4.92E-23
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3.69E-25	1.10E-24	3.72E-25	-4.44E-25	1.56E-25	-2.05E-25	-1.33E-25	-5.47E-25	-1.80E-24	-5.08E-23
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3.68E-25	1.10E-24	3.76E-25	-5.93E-25	1.58E-25	-3.04E-25	-1.76E-25	-7.46E-25	-2.52E-24	-5.55E-23
3.68E-25	1.09E-24	3.77E-25	-6.36E-25	1.58E-25	-3.34E-25	-1.88E-25	-8.03E-25	-2.73E-24	-5.71E-23
3.68E-25	1.09E-24	3.78E-25	-6.81E-25	1.58E-25	-3.67E-25	-2.00E-25	-8.64E-25	-2.95E-24	-5.87E-23

-257.27	-150.8 7	0.3 7	6.47	-1458.52
2.22E-26	4.11E-26	8.07E-26	2.46E-26	1.23e-25 4.2
806.031070 68	07.834400 68	10.505310 68	11.038980 683	6.675950 6839.0
-4.69E-24	9.94E-25	1.54E-24	-1.82E-26	-2.25E-26
-4.89E-24	9.95E-25	1.55E-24	-2.16E-26	-2.69E-26
-5.11E-24	9.95E-25	1.56E-24	-2.56E-26	-3.20E-26
-5.35E-24	9.96E-25	1.57E-24	-3.02E-26	-3.80E-26
-5.61E-24	9.96E-25	1.57E-24	-3.56E-26	-4.48E-26
-5.88E-24	9.97E-25	1.58E-24	-4.17E-26	-5.27E-26
-6.18E-24	9.97E-25	1.59E-24	-4.87E-26	-6.19E-26
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-6.83E-24	9.97E-25	1.60E-24	-6.59E-26	-8.42E-26
-7.18E-24	9.98E-25	1.60E-24	-7.63E-26	-9.78E-26
-7.55E-24	9.98E-25	1.61E-24	-8.80E-26	-1.13E-25
-7.94E-24	9.98E-25	1.61E-24	-1.01E-25	-1.31E-25
-8.35E-24	9.97E-25	1.62E-24	-1.16E-25	-1.51E-25
-8.78E-24	9.97E-25	1.62E-24	-1.33E-25	-1.73E-25
-9.23E-24	9.97E-25	1.63E-24	-1.52E-25	-1.98E-25
-9.70E-24	9.97E-25	1.63E-24	-1.73E-25	-2.26E-25
-1.02E-23	9.96E-25	1.64E-24	-1.96E-25	-2.58E-25
-1.07E-23	9.96E-25	1.64E-24	-2.22E-25	-2.93E-25
-1.12E-23	9.96E-25	1.65E-24	-2.51E-25	-3.32E-25
-1.18E-23	9.95E-25	1.65E-24	-2.83E-25	-3.75E-25

								-5688.89	52	-43	2.30	-43	2.30	-76
8e-25	3.03e-25	1.61e-25	4.84e-25	5.61e-25	3.36e-25	3.33e-25				5.73E-25	7.67E-25	4.52E-25		
73920	6839.506340	6863.405580	6863.418140	6864.980330	6866.677610	6892.559000	6970.36134	6976.95464	6978.44784					
										-4.61037E-24	-5.33E-24	-7.96E-25	-1.68E-23	
										-5.13509E-24	-5.88E-24	-9.13E-25	-1.67E-23	
										-5.70973E-24	-6.49E-24	-1.04E-24	-1.68E-23	
										-6.33777E-24	-7.14E-24	-1.19E-24	-1.70E-23	
										-7.02264E-24	-7.86E-24	-1.35E-24	-1.73E-23	
										-7.76821E-24	-8.63E-24	-1.53E-24	-1.78E-23	
										-8.57816E-24	-9.48E-24	-1.73E-24	-1.82E-23	
										-9.45648E-24	-1.04E-23	-1.95E-24	-1.88E-23	
										-1.04072E-23	-1.14E-23	-2.20E-24	-1.94E-23	
										-1.14347E-23	-1.24E-23	-2.46E-24	-2.01E-23	
										-1.25431E-23	-1.36E-23	-2.76E-24	-2.08E-23	
										-1.3737E-23	-1.48E-23	-3.08E-24	-2.16E-23	
										-1.50207E-23	-1.61E-23	-3.43E-24	-2.25E-23	
										-1.63992E-23	-1.76E-23	-3.81E-24	-2.34E-23	
										-1.78771E-23	-1.91E-23	-4.23E-24	-2.43E-23	
										-1.94592E-23	-2.07E-23	-4.69E-24	-2.53E-23	
										-2.11507E-23	-2.25E-23	-5.18E-24	-2.63E-23	
										-2.29565E-23	-2.43E-23	-5.71E-24	-2.74E-23	
										-2.48818E-23	-2.63E-23	-6.29E-24	-2.85E-23	
										-2.6932E-23	-2.84E-23	-6.91E-24	-2.97E-23	

7.55	-7	7.79	7.14	0.45	7.54	0.32	-390.16
9.60E-26							
6985.891							
1.05E-24	1.83E-24	2.35E-24	1.66E-24				-3.03E-25
1.06E-24	1.83E-24	2.36E-24	1.66E-24				-3.35E-25
1.07E-24	1.83E-24	2.38E-24	1.66E-24				-3.70E-25
1.07E-24	1.83E-24	2.39E-24	1.66E-24				-4.07E-25
1.08E-24	1.83E-24	2.40E-24	1.66E-24				-4.48E-25
1.08E-24	1.83E-24	2.41E-24	1.66E-24				-4.91E-25
1.09E-24	1.83E-24	2.42E-24	1.66E-24				-5.37E-25
1.09E-24	1.83E-24	2.43E-24	1.66E-24				-5.87E-25
1.10E-24	1.83E-24	2.44E-24	1.66E-24				-6.40E-25
1.10E-24	1.83E-24	2.45E-24	1.66E-24				-6.97E-25
1.10E-24	1.83E-24	2.46E-24	1.66E-24				-7.57E-25
1.11E-24	1.83E-24	2.47E-24	1.66E-24				-8.21E-25
1.11E-24	1.83E-24	2.48E-24	1.66E-24				-8.89E-25
1.12E-24	1.83E-24	2.49E-24	1.66E-24				-9.61E-25
1.12E-24	1.83E-24	2.50E-24	1.66E-24				-1.04E-24
1.12E-24	1.83E-24	2.51E-24	1.66E-24				-1.12E-24
1.13E-24	1.82E-24	2.52E-24	1.66E-24				-1.20E-24
1.13E-24	1.82E-24	2.53E-24	1.66E-24				-1.29E-24
1.13E-24	1.82E-24	2.53E-24	1.66E-24				-1.39E-24
1.14E-24	1.82E-24	2.54E-24	1.66E-24				-1.48E-24

Sdev	5.42	-524.76	6.45	1	6.22	7.3	5.34	0.46	3.19	0.46
S	3.90E-25	3.01E-26	2.55E-25	1.72E-26	1.61E-26	2.18E-26	1.15E-26	1.62E-26	1.21E-26	1.21E-26
T/Wn	4000.72249	4001.5578	4018.45902	4069.17896	4105.03659	4562.40561	4593.23706	4603.63336	4661.7766	4701.51236
-23.1	1.35E-24	-1.10E-25	8.43E-25	6.33E-26	5.31E-26	7.12E-26	3.88E-26	5.49E-26	3.91E-26	3.99E-26
-20.5	1.35E-24	-1.23E-25	8.47E-25	6.33E-26	5.33E-26	7.16E-26	3.87E-26	5.49E-26	3.93E-26	3.99E-26
-17.9	1.36E-24	-1.38E-25	8.51E-25	6.33E-26	5.36E-26	7.20E-26	3.86E-26	5.49E-26	3.94E-26	3.99E-26
-15.3	1.36E-24	-1.54E-25	8.55E-25	6.33E-26	5.38E-26	7.23E-26	3.85E-26	5.49E-26	3.95E-26	4.00E-26
-12.6	1.37E-24	-1.72E-25	8.59E-25	6.33E-26	5.40E-26	7.27E-26	3.84E-26	5.49E-26	3.95E-26	4.00E-26
-10	1.37E-24	-1.91E-25	8.62E-25	6.33E-26	5.42E-26	7.30E-26	3.82E-26	5.50E-26	3.96E-26	4.00E-26
-7.4	1.38E-24	-2.12E-25	8.66E-25	6.33E-26	5.45E-26	7.34E-26	3.81E-26	5.50E-26	3.97E-26	4.00E-26
-4.7	1.38E-24	-2.35E-25	8.69E-25	6.32E-26	5.47E-26	7.37E-26	3.80E-26	5.50E-26	3.98E-26	4.00E-26
-2.1	1.39E-24	-2.60E-25	8.72E-25	6.32E-26	5.49E-26	7.40E-26	3.79E-26	5.50E-26	3.99E-26	4.00E-26
0.5	1.39E-24	-2.86E-25	8.76E-25	6.32E-26	5.51E-26	7.43E-26	3.78E-26	5.50E-26	3.99E-26	4.00E-26
3.2	1.40E-24	-3.15E-25	8.79E-25	6.31E-26	5.52E-26	7.46E-26	3.77E-26	5.49E-26	4.00E-26	4.00E-26
5.8	1.40E-24	-3.46E-25	8.81E-25	6.31E-26	5.54E-26	7.49E-26	3.76E-26	5.49E-26	4.01E-26	4.00E-26
8.4	1.40E-24	-3.79E-25	8.84E-25	6.31E-26	5.56E-26	7.51E-26	3.75E-26	5.49E-26	4.01E-26	3.99E-26
11.1	1.41E-24	-4.15E-25	8.87E-25	6.30E-26	5.57E-26	7.54E-26	3.74E-26	5.49E-26	4.02E-26	3.99E-26
13.7	1.41E-24	-4.53E-25	8.90E-25	6.30E-26	5.59E-26	7.57E-26	3.73E-26	5.49E-26	4.02E-26	3.99E-26
16.3	1.41E-24	-4.94E-25	8.92E-25	6.29E-26	5.60E-26	7.59E-26	3.71E-26	5.48E-26	4.03E-26	3.99E-26
19	1.42E-24	-5.37E-25	8.94E-25	6.28E-26	5.62E-26	7.61E-26	3.70E-26	5.48E-26	4.03E-26	3.99E-26
21.6	1.42E-24	-5.84E-25	8.97E-25	6.28E-26	5.63E-26	7.64E-26	3.69E-26	5.48E-26	4.04E-26	3.99E-26
24.2	1.42E-24	-6.33E-25	8.99E-25	6.27E-26	5.65E-26	7.66E-26	3.68E-26	5.47E-26	4.04E-26	3.98E-26
26.9	1.43E-24	-6.85E-25	9.01E-25	6.27E-26	5.66E-26	7.68E-26	3.67E-26	5.47E-26	4.04E-26	3.98E-26

H218O

3.21	0.62	-333.52	-37.9	6.81	6.18	0.3	7.36	0.49	6.92	0.59
1.16E-26	1.30E-26	2.09E-26	2.32E-26	2.51E-25	1.28E-25	1.38E-25	4.20E-25	4.76E-25	1.08E-25	1.67E-25
4737.74511	4908.75954	5006.33619	5030.31153	5090.41682	5113.08962	5125.20534	5131.73008	5132.0659	5141.06964	5148.5594
3.92E-26	4.96E-26	-1.24E-23	-1.90E-24	7.83E-25	4.14E-25	4.57E-25	1.37E-24	1.60E-24	3.62E-25	5.57E-25
3.93E-26	4.96E-26	-6.56E-24	-1.84E-24	7.87E-25	4.16E-25	4.58E-25	1.38E-24	1.60E-24	3.64E-25	5.58E-25
3.94E-26	4.96E-26	-4.80E-24	-1.81E-24	7.91E-25	4.17E-25	4.58E-25	1.39E-24	1.60E-24	3.65E-25	5.58E-25
3.95E-26	4.96E-26	-3.98E-24	-1.79E-24	7.94E-25	4.19E-25	4.58E-25	1.39E-24	1.60E-24	3.67E-25	5.59E-25
3.96E-26	4.96E-26	-3.52E-24	-1.79E-24	7.98E-25	4.21E-25	4.58E-25	1.40E-24	1.60E-24	3.69E-25	5.59E-25
3.97E-26	4.97E-26	-3.24E-24	-1.80E-24	8.01E-25	4.23E-25	4.58E-25	1.41E-24	1.60E-24	3.70E-25	5.59E-25
3.98E-26	4.96E-26	-3.07E-24	-1.81E-24	8.05E-25	4.24E-25	4.59E-25	1.41E-24	1.60E-24	3.72E-25	5.60E-25
3.98E-26	4.96E-26	-2.96E-24	-1.84E-24	8.08E-25	4.26E-25	4.59E-25	1.42E-24	1.60E-24	3.74E-25	5.60E-25
3.99E-26	4.96E-26	-2.90E-24	-1.87E-24	8.11E-25	4.27E-25	4.59E-25	1.43E-24	1.60E-24	3.75E-25	5.60E-25
4.00E-26	4.96E-26	-2.87E-24	-1.90E-24	8.14E-25	4.29E-25	4.59E-25	1.43E-24	1.60E-24	3.77E-25	5.60E-25
4.00E-26	4.96E-26	-2.86E-24	-1.94E-24	8.17E-25	4.30E-25	4.59E-25	1.44E-24	1.60E-24	3.78E-25	5.60E-25
4.01E-26	4.96E-26	-2.87E-24	-1.99E-24	8.20E-25	4.32E-25	4.59E-25	1.44E-24	1.60E-24	3.79E-25	5.61E-25
4.02E-26	4.96E-26	-2.90E-24	-2.04E-24	8.23E-25	4.33E-25	4.59E-25	1.45E-24	1.60E-24	3.81E-25	5.61E-25
4.02E-26	4.95E-26	-2.94E-24	-2.09E-24	8.26E-25	4.34E-25	4.58E-25	1.45E-24	1.60E-24	3.82E-25	5.61E-25
4.03E-26	4.95E-26	-2.99E-24	-2.14E-24	8.28E-25	4.35E-25	4.58E-25	1.46E-24	1.59E-24	3.83E-25	5.61E-25
4.03E-26	4.95E-26	-3.05E-24	-2.20E-24	8.31E-25	4.37E-25	4.58E-25	1.46E-24	1.59E-24	3.84E-25	5.61E-25
4.04E-26	4.95E-26	-3.12E-24	-2.27E-24	8.33E-25	4.38E-25	4.58E-25	1.47E-24	1.59E-24	3.85E-25	5.60E-25
4.04E-26	4.94E-26	-3.20E-24	-2.33E-24	8.35E-25	4.39E-25	4.58E-25	1.47E-24	1.59E-24	3.86E-25	5.60E-25
4.04E-26	4.94E-26	-3.28E-24	-2.40E-24	8.38E-25	4.40E-25	4.58E-25	1.48E-24	1.59E-24	3.88E-25	5.60E-25
4.05E-26	4.93E-26	-3.37E-24	-2.47E-24	8.40E-25	4.41E-25	4.57E-25	1.48E-24	1.59E-24	3.89E-25	5.60E-25

6.24	0.45	5.01	0.42	3.25	0.4	6.78	9.13	6.21	3.79	0.3
1.05E-25	3.08E-25	5.08E-25	2.59E-25	5.97E-25	1.17E-25	5.04E-25	1.42E-25	6.29E-26	2.47E-25	2.04E-25
5157.54778	5164.8794	5165.65068	5167.74028	5182.67568	5183.06237	5184.49339	5184.49454	5190.06102	5195.33881	5199.24027
3.43E-25	1.04E-24	1.73E-24	8.60E-25	1.91E-24	3.99E-25	1.65E-24	4.85E-25	2.13E-25	8.29E-25	6.44E-25
3.45E-25	1.04E-24	1.72E-24	8.61E-25	1.91E-24	3.99E-25	1.66E-24	4.83E-25	2.12E-25	8.28E-25	6.44E-25
3.46E-25	1.04E-24	1.72E-24	8.61E-25	1.92E-24	3.99E-25	1.67E-24	4.80E-25	2.11E-25	8.26E-25	6.45E-25
3.48E-25	1.04E-24	1.71E-24	8.61E-25	1.92E-24	3.99E-25	1.67E-24	4.78E-25	2.11E-25	8.25E-25	6.45E-25
3.49E-25	1.04E-24	1.71E-24	8.61E-25	1.93E-24	3.99E-25	1.68E-24	4.75E-25	2.10E-25	8.23E-25	6.45E-25
3.51E-25	1.04E-24	1.70E-24	8.62E-25	1.93E-24	3.99E-25	1.69E-24	4.73E-25	2.09E-25	8.22E-25	6.45E-25
3.52E-25	1.04E-24	1.70E-24	8.62E-25	1.94E-24	4.00E-25	1.70E-24	4.70E-25	2.09E-25	8.20E-25	6.46E-25
3.53E-25	1.04E-24	1.69E-24	8.62E-25	1.94E-24	4.00E-25	1.70E-24	4.68E-25	2.08E-25	8.19E-25	6.46E-25
3.54E-25	1.04E-24	1.69E-24	8.62E-25	1.95E-24	4.00E-25	1.71E-24	4.66E-25	2.07E-25	8.17E-25	6.46E-25
3.56E-25	1.04E-24	1.69E-24	8.62E-25	1.95E-24	4.00E-25	1.72E-24	4.63E-25	2.07E-25	8.15E-25	6.46E-25
3.57E-25	1.04E-24	1.68E-24	8.62E-25	1.95E-24	3.99E-25	1.72E-24	4.61E-25	2.06E-25	8.14E-25	6.46E-25
3.58E-25	1.04E-24	1.68E-24	8.61E-25	1.96E-24	3.99E-25	1.73E-24	4.59E-25	2.05E-25	8.12E-25	6.46E-25
3.59E-25	1.04E-24	1.67E-24	8.61E-25	1.96E-24	3.99E-25	1.73E-24	4.56E-25	2.04E-25	8.10E-25	6.46E-25
3.60E-25	1.04E-24	1.67E-24	8.61E-25	1.96E-24	3.99E-25	1.74E-24	4.54E-25	2.04E-25	8.08E-25	6.46E-25
3.61E-25	1.04E-24	1.66E-24	8.60E-25	1.96E-24	3.99E-25	1.75E-24	4.52E-25	2.03E-25	8.07E-25	6.45E-25
3.62E-25	1.04E-24	1.66E-24	8.60E-25	1.97E-24	3.99E-25	1.75E-24	4.50E-25	2.02E-25	8.05E-25	6.45E-25
3.63E-25	1.04E-24	1.65E-24	8.60E-25	1.97E-24	3.99E-25	1.76E-24	4.47E-25	2.02E-25	8.03E-25	6.45E-25
3.64E-25	1.04E-24	1.65E-24	8.59E-25	1.97E-24	3.98E-25	1.76E-24	4.45E-25	2.01E-25	8.01E-25	6.45E-25
3.65E-25	1.04E-24	1.64E-24	8.59E-25	1.97E-24	3.98E-25	1.77E-24	4.43E-25	2.00E-25	8.00E-25	6.44E-25
3.66E-25	1.04E-24	1.64E-24	8.58E-25	1.97E-24	3.98E-25	1.77E-24	4.41E-25	2.00E-25	7.98E-25	6.44E-25

8.53	7.13	6.08	6.29	0.44	6.23	9.13	0.46	0.57	3.2	3.94
6.45E-25	4.15E-25	1.80E-26	6.29E-25	9.36E-25	1.98E-25	1.08E-25	4.28E-25	6.74E-26	7.67E-26	4.24E-26
5202.6159	5215.4259	5231.79856	5240.66152	5246.29161	5247.91805	5253.37878	5258.95597	5261.81685	5266.3715	5269.81624
2.21E-24	1.28E-24	5.65E-26	2.05E-24	3.07E-24	6.77E-25	3.76E-25	1.41E-24	2.26E-25	2.58E-25	1.49E-25
2.20E-24	1.29E-24	5.68E-26	2.06E-24	3.07E-24	6.74E-25	3.74E-25	1.41E-24	2.26E-25	2.59E-25	1.49E-25
2.19E-24	1.30E-24	5.70E-26	2.07E-24	3.07E-24	6.72E-25	3.72E-25	1.41E-24	2.26E-25	2.60E-25	1.49E-25
2.18E-24	1.31E-24	5.73E-26	2.07E-24	3.07E-24	6.70E-25	3.70E-25	1.41E-24	2.27E-25	2.60E-25	1.48E-25
2.17E-24	1.31E-24	5.75E-26	2.08E-24	3.07E-24	6.67E-25	3.68E-25	1.41E-24	2.27E-25	2.61E-25	1.48E-25
2.16E-24	1.32E-24	5.77E-26	2.09E-24	3.08E-24	6.65E-25	3.66E-25	1.41E-24	2.27E-25	2.62E-25	1.48E-25
2.15E-24	1.32E-24	5.80E-26	2.10E-24	3.08E-24	6.63E-25	3.64E-25	1.41E-24	2.27E-25	2.62E-25	1.47E-25
2.14E-24	1.33E-24	5.82E-26	2.11E-24	3.08E-24	6.61E-25	3.62E-25	1.41E-24	2.27E-25	2.63E-25	1.47E-25
2.13E-24	1.33E-24	5.84E-26	2.12E-24	3.08E-24	6.59E-25	3.60E-25	1.41E-24	2.27E-25	2.63E-25	1.47E-25
2.12E-24	1.34E-24	5.86E-26	2.12E-24	3.08E-24	6.56E-25	3.58E-25	1.41E-24	2.26E-25	2.64E-25	1.46E-25
2.11E-24	1.34E-24	5.88E-26	2.13E-24	3.08E-24	6.54E-25	3.57E-25	1.41E-24	2.26E-25	2.64E-25	1.46E-25
2.10E-24	1.35E-24	5.90E-26	2.14E-24	3.07E-24	6.52E-25	3.55E-25	1.41E-24	2.26E-25	2.64E-25	1.46E-25
2.09E-24	1.35E-24	5.91E-26	2.14E-24	3.07E-24	6.50E-25	3.53E-25	1.41E-24	2.26E-25	2.65E-25	1.46E-25
2.08E-24	1.36E-24	5.93E-26	2.15E-24	3.07E-24	6.47E-25	3.51E-25	1.41E-24	2.26E-25	2.65E-25	1.45E-25
2.07E-24	1.36E-24	5.95E-26	2.16E-24	3.07E-24	6.45E-25	3.50E-25	1.41E-24	2.26E-25	2.66E-25	1.45E-25
2.06E-24	1.37E-24	5.96E-26	2.16E-24	3.07E-24	6.43E-25	3.48E-25	1.41E-24	2.26E-25	2.66E-25	1.45E-25
2.05E-24	1.37E-24	5.98E-26	2.17E-24	3.07E-24	6.41E-25	3.46E-25	1.41E-24	2.26E-25	2.66E-25	1.44E-25
2.04E-24	1.38E-24	5.99E-26	2.17E-24	3.07E-24	6.39E-25	3.45E-25	1.41E-24	2.26E-25	2.66E-25	1.44E-25
2.03E-24	1.38E-24	6.00E-26	2.18E-24	3.06E-24	6.37E-25	3.43E-25	1.41E-24	2.25E-25	2.67E-25	1.44E-25
2.02E-24	1.38E-24	6.02E-26	2.18E-24	3.06E-24	6.34E-25	3.41E-25	1.41E-24	2.25E-25	2.67E-25	1.43E-25

6.91	5.51	5.43	5.64	0.45	6.42	0.51	7.15	1	7.01	0.47
7.99E-26	6.37E-25	1.04E-25	4.36E-26	4.16E-26	3.01E-25	2.74E-25	1.04E-25	9.68E-25	1.08E-25	6.66E-26
5275.23498	5276.56993	5284.38161	5291.71312	5291.98214	5292.37621	5297.4751	5302.16106	5306.26114	5306.48951	5310.63427
2.56E-25	2.28E-24	3.60E-25	1.38E-25	1.42E-25	1.07E-24	9.93E-25	3.52E-25	3.40E-24	3.33E-25	2.13E-25
2.57E-25	2.27E-24	3.59E-25	1.39E-25	1.42E-25	1.06E-24	9.93E-25	3.54E-25	3.40E-24	3.35E-25	2.13E-25
2.58E-25	2.26E-24	3.58E-25	1.39E-25	1.42E-25	1.06E-24	9.94E-25	3.56E-25	3.40E-24	3.36E-25	2.13E-25
2.60E-25	2.26E-24	3.57E-25	1.40E-25	1.43E-25	1.06E-24	9.94E-25	3.58E-25	3.40E-24	3.38E-25	2.14E-25
2.61E-25	2.25E-24	3.56E-25	1.40E-25	1.43E-25	1.05E-24	9.94E-25	3.59E-25	3.40E-24	3.40E-25	2.14E-25
2.62E-25	2.24E-24	3.55E-25	1.41E-25	1.43E-25	1.05E-24	9.95E-25	3.61E-25	3.40E-24	3.41E-25	2.14E-25
2.63E-25	2.24E-24	3.54E-25	1.41E-25	1.43E-25	1.04E-24	9.95E-25	3.63E-25	3.40E-24	3.43E-25	2.14E-25
2.64E-25	2.23E-24	3.53E-25	1.42E-25	1.43E-25	1.04E-24	9.95E-25	3.64E-25	3.39E-24	3.44E-25	2.14E-25
2.65E-25	2.22E-24	3.52E-25	1.42E-25	1.43E-25	1.04E-24	9.95E-25	3.66E-25	3.39E-24	3.46E-25	2.14E-25
2.66E-25	2.22E-24	3.51E-25	1.43E-25	1.43E-25	1.03E-24	9.94E-25	3.67E-25	3.39E-24	3.47E-25	2.14E-25
2.67E-25	2.21E-24	3.50E-25	1.43E-25	1.43E-25	1.03E-24	9.94E-25	3.69E-25	3.39E-24	3.48E-25	2.14E-25
2.68E-25	2.20E-24	3.49E-25	1.44E-25	1.43E-25	1.03E-24	9.94E-25	3.70E-25	3.39E-24	3.49E-25	2.14E-25
2.69E-25	2.20E-24	3.48E-25	1.44E-25	1.43E-25	1.02E-24	9.94E-25	3.71E-25	3.38E-24	3.51E-25	2.13E-25
2.70E-25	2.19E-24	3.47E-25	1.44E-25	1.43E-25	1.02E-24	9.93E-25	3.73E-25	3.38E-24	3.52E-25	2.13E-25
2.71E-25	2.18E-24	3.46E-25	1.45E-25	1.43E-25	1.02E-24	9.93E-25	3.74E-25	3.38E-24	3.53E-25	2.13E-25
2.72E-25	2.18E-24	3.45E-25	1.45E-25	1.43E-25	1.01E-24	9.92E-25	3.75E-25	3.38E-24	3.54E-25	2.13E-25
2.73E-25	2.17E-24	3.44E-25	1.45E-25	1.43E-25	1.01E-24	9.92E-25	3.76E-25	3.37E-24	3.55E-25	2.13E-25
2.73E-25	2.16E-24	3.43E-25	1.46E-25	1.43E-25	1.01E-24	9.91E-25	3.77E-25	3.37E-24	3.56E-25	2.13E-25
2.74E-25	2.16E-24	3.42E-25	1.46E-25	1.43E-25	1.00E-24	9.90E-25	3.78E-25	3.37E-24	3.57E-25	2.13E-25
2.75E-25	2.15E-24	3.41E-25	1.46E-25	1.43E-25	9.98E-25	9.90E-25	3.79E-25	3.36E-24	3.58E-25	2.13E-25

0.39	6.58	6.11	6.08	6.22	8.73	9.18	4.16	2.49	6.25	7.22
2.97E-25	8.27E-25	5.93E-25	2.17E-25	2.97E-25	6.09E-25	2.27E-25	2.22E-25	6.01E-25	4.80E-25	1.61E-26
5315.10731	5315.99004	5316.92327	5318.28652	5320.28781	5321.34683	5327.85621	5338.76155	5353.10666	5380.1729	5382.15271
9.50E-25	3.09E-24	2.12E-24	6.73E-25	1.06E-24	2.21E-24	8.16E-25	7.91E-25	2.04E-24	1.66E-24	5.20E-26
9.51E-25	3.11E-24	2.13E-24	6.77E-25	1.06E-24	2.20E-24	8.12E-25	7.90E-25	2.05E-24	1.66E-24	5.23E-26
9.51E-25	3.12E-24	2.14E-24	6.80E-25	1.07E-24	2.19E-24	8.07E-25	7.88E-25	2.05E-24	1.65E-24	5.26E-26
9.51E-25	3.14E-24	2.15E-24	6.83E-25	1.07E-24	2.18E-24	8.03E-25	7.86E-25	2.06E-24	1.65E-24	5.28E-26
9.52E-25	3.15E-24	2.16E-24	6.85E-25	1.07E-24	2.17E-24	7.99E-25	7.85E-25	2.06E-24	1.64E-24	5.31E-26
9.52E-25	3.17E-24	2.16E-24	6.88E-25	1.08E-24	2.16E-24	7.95E-25	7.83E-25	2.06E-24	1.63E-24	5.33E-26
9.52E-25	3.18E-24	2.17E-24	6.91E-25	1.08E-24	2.15E-24	7.91E-25	7.81E-25	2.07E-24	1.63E-24	5.36E-26
9.52E-25	3.19E-24	2.18E-24	6.93E-25	1.09E-24	2.14E-24	7.86E-25	7.80E-25	2.07E-24	1.62E-24	5.38E-26
9.52E-25	3.20E-24	2.19E-24	6.96E-25	1.09E-24	2.13E-24	7.82E-25	7.78E-25	2.07E-24	1.62E-24	5.40E-26
9.52E-25	3.21E-24	2.20E-24	6.98E-25	1.09E-24	2.12E-24	7.78E-25	7.76E-25	2.08E-24	1.61E-24	5.42E-26
9.52E-25	3.23E-24	2.20E-24	7.00E-25	1.10E-24	2.11E-24	7.75E-25	7.75E-25	2.08E-24	1.61E-24	5.44E-26
9.52E-25	3.24E-24	2.21E-24	7.02E-25	1.10E-24	2.10E-24	7.71E-25	7.73E-25	2.08E-24	1.60E-24	5.47E-26
9.52E-25	3.25E-24	2.22E-24	7.05E-25	1.11E-24	2.09E-24	7.67E-25	7.71E-25	2.08E-24	1.60E-24	5.48E-26
9.51E-25	3.26E-24	2.22E-24	7.07E-25	1.11E-24	2.08E-24	7.63E-25	7.69E-25	2.09E-24	1.59E-24	5.50E-26
9.51E-25	3.27E-24	2.23E-24	7.08E-25	1.11E-24	2.07E-24	7.59E-25	7.67E-25	2.09E-24	1.58E-24	5.52E-26
9.51E-25	3.28E-24	2.24E-24	7.10E-25	1.11E-24	2.06E-24	7.56E-25	7.66E-25	2.09E-24	1.58E-24	5.54E-26
9.50E-25	3.29E-24	2.24E-24	7.12E-25	1.12E-24	2.05E-24	7.52E-25	7.64E-25	2.09E-24	1.57E-24	5.56E-26
9.50E-25	3.29E-24	2.25E-24	7.14E-25	1.12E-24	2.04E-24	7.48E-25	7.62E-25	2.09E-24	1.57E-24	5.57E-26
9.49E-25	3.30E-24	2.25E-24	7.15E-25	1.12E-24	2.03E-24	7.45E-25	7.60E-25	2.09E-24	1.56E-24	5.59E-26
9.49E-25	3.31E-24	2.26E-24	7.17E-25	1.13E-24	2.02E-24	7.41E-25	7.58E-25	2.09E-24	1.56E-24	5.60E-26

0.46	6.9	6.9	0.61	3.19	6.46	6.42	6.42	0.45	7.14	1
9.56E-25	8.67E-25	1.93E-25	3.41E-25	3.17E-25	2.03E-26	7.10E-26	5.49E-25	4.48E-26	1.79E-25	7.22E-26
5387.47847	5391.40708	5399.31345	5400.35352	5433.09831	5447.0439	5451.7517	5457.79608	5464.62389	5479.83532	5481.17896
3.05E-24	2.91E-24	6.22E-25	1.14E-24	1.08E-24	6.23E-26	2.52E-25	1.88E-24	1.50E-25	5.99E-25	2.42E-25
3.05E-24	2.92E-24	6.25E-25	1.14E-24	1.09E-24	6.26E-26	2.51E-25	1.88E-24	1.50E-25	6.02E-25	2.42E-25
3.05E-24	2.94E-24	6.28E-25	1.14E-24	1.09E-24	6.29E-26	2.50E-25	1.87E-24	1.50E-25	6.05E-25	2.42E-25
3.05E-24	2.95E-24	6.31E-25	1.14E-24	1.09E-24	6.32E-26	2.49E-25	1.86E-24	1.50E-25	6.08E-25	2.42E-25
3.05E-24	2.96E-24	6.34E-25	1.14E-24	1.09E-24	6.35E-26	2.48E-25	1.86E-24	1.50E-25	6.11E-25	2.41E-25
3.05E-24	2.98E-24	6.37E-25	1.14E-24	1.10E-24	6.37E-26	2.47E-25	1.85E-24	1.50E-25	6.14E-25	2.41E-25
3.05E-24	2.99E-24	6.40E-25	1.14E-24	1.10E-24	6.40E-26	2.46E-25	1.84E-24	1.50E-25	6.17E-25	2.41E-25
3.05E-24	3.00E-24	6.42E-25	1.14E-24	1.10E-24	6.42E-26	2.46E-25	1.84E-24	1.50E-25	6.20E-25	2.41E-25
3.05E-24	3.01E-24	6.45E-25	1.14E-24	1.10E-24	6.45E-26	2.45E-25	1.83E-24	1.50E-25	6.22E-25	2.41E-25
3.05E-24	3.03E-24	6.47E-25	1.14E-24	1.11E-24	6.47E-26	2.44E-25	1.82E-24	1.50E-25	6.25E-25	2.41E-25
3.05E-24	3.04E-24	6.50E-25	1.14E-24	1.11E-24	6.49E-26	2.43E-25	1.82E-24	1.50E-25	6.27E-25	2.41E-25
3.05E-24	3.05E-24	6.52E-25	1.14E-24	1.11E-24	6.51E-26	2.42E-25	1.81E-24	1.50E-25	6.29E-25	2.41E-25
3.05E-24	3.06E-24	6.54E-25	1.14E-24	1.11E-24	6.53E-26	2.41E-25	1.80E-24	1.50E-25	6.32E-25	2.41E-25
3.05E-24	3.07E-24	6.56E-25	1.14E-24	1.11E-24	6.55E-26	2.40E-25	1.80E-24	1.50E-25	6.34E-25	2.40E-25
3.05E-24	3.08E-24	6.58E-25	1.14E-24	1.11E-24	6.57E-26	2.40E-25	1.79E-24	1.50E-25	6.36E-25	2.40E-25
3.05E-24	3.09E-24	6.60E-25	1.14E-24	1.12E-24	6.59E-26	2.39E-25	1.79E-24	1.50E-25	6.38E-25	2.40E-25
3.05E-24	3.10E-24	6.62E-25	1.14E-24	1.12E-24	6.61E-26	2.38E-25	1.78E-24	1.50E-25	6.40E-25	2.40E-25
3.05E-24	3.11E-24	6.64E-25	1.14E-24	1.12E-24	6.63E-26	2.37E-25	1.77E-24	1.50E-25	6.42E-25	2.40E-25
3.04E-24	3.11E-24	6.66E-25	1.14E-24	1.12E-24	6.64E-26	2.36E-25	1.77E-24	1.50E-25	6.43E-25	2.39E-25
3.04E-24	3.12E-24	6.68E-25	1.14E-24	1.12E-24	6.66E-26	2.35E-25	1.76E-24	1.50E-25	6.45E-25	2.39E-25

4.16	-27.96	5.59	-88.64	2.49	6.22	-236.06	0.61	6.45
1.34E-25	1.73E-25	2.69E-25	5.45E-26	8.11E-25	2.76E-25	1.62E-26	1.28E-25	3.40E-25
5511.4033	5519.804100	5 526.992560	5 530.560290	55 30.780920	55 39.887980	55 41.799290	556 0.704060	559 8.644860
4.78E-25	-2.23E-23	9.52E-25	-3.06E-24	2.80E-24	8.67E-25	-3.49E-25	4.46E-25	1.14E-24
4.77E-25	-2.07E-23	9.49E-25	-3.13E-24	2.81E-24	8.71E-25	-3.75E-25	4.46E-25	1.15E-24
4.76E-25	-1.96E-23	9.46E-25	-3.21E-24	2.81E-24	8.75E-25	-4.02E-25	4.47E-25	1.15E-24
4.75E-25	-1.88E-23	9.43E-25	-3.30E-24	2.82E-24	8.79E-25	-4.32E-25	4.47E-25	1.16E-24
4.74E-25	-1.82E-23	9.41E-25	-3.40E-24	2.82E-24	8.83E-25	-4.63E-25	4.47E-25	1.16E-24
4.73E-25	-1.79E-23	9.38E-25	-3.51E-24	2.83E-24	8.86E-25	-4.96E-25	4.47E-25	1.17E-24
4.72E-25	-1.76E-23	9.35E-25	-3.63E-24	2.83E-24	8.90E-25	-5.31E-25	4.47E-25	1.17E-24
4.71E-25	-1.75E-23	9.32E-25	-3.76E-24	2.84E-24	8.93E-25	-5.67E-25	4.47E-25	1.18E-24
4.70E-25	-1.74E-23	9.29E-25	-3.89E-24	2.84E-24	8.96E-25	-6.06E-25	4.47E-25	1.18E-24
4.69E-25	-1.74E-23	9.27E-25	-4.03E-24	2.85E-24	8.99E-25	-6.46E-25	4.47E-25	1.19E-24
4.68E-25	-1.75E-23	9.24E-25	-4.17E-24	2.85E-24	9.02E-25	-6.89E-25	4.46E-25	1.19E-24
4.67E-25	-1.76E-23	9.21E-25	-4.33E-24	2.85E-24	9.05E-25	-7.34E-25	4.46E-25	1.19E-24
4.66E-25	-1.77E-23	9.18E-25	-4.49E-24	2.86E-24	9.08E-25	-7.80E-25	4.46E-25	1.20E-24
4.65E-25	-1.79E-23	9.15E-25	-4.65E-24	2.86E-24	9.11E-25	-8.29E-25	4.46E-25	1.20E-24
4.64E-25	-1.81E-23	9.13E-25	-4.83E-24	2.86E-24	9.13E-25	-8.81E-25	4.46E-25	1.20E-24
4.62E-25	-1.83E-23	9.10E-25	-5.00E-24	2.86E-24	9.15E-25	-9.34E-25	4.45E-25	1.21E-24
4.61E-25	-1.85E-23	9.07E-25	-5.19E-24	2.87E-24	9.18E-25	-9.90E-25	4.45E-25	1.21E-24
4.60E-25	-1.88E-23	9.04E-25	-5.38E-24	2.87E-24	9.20E-25	-1.05E-24	4.45E-25	1.21E-24
4.59E-25	-1.91E-23	9.01E-25	-5.58E-24	2.87E-24	9.22E-25	-1.11E-24	4.44E-25	1.22E-24
4.58E-25	-1.94E-23	8.98E-25	-5.78E-24	2.87E-24	9.24E-25	-1.17E-24	4.44E-25	1.22E-24

	5.97	5.44	6.84	6.2	0.3	7.43	0.47	6.96	0.59
	1.85E-25	5.97E-26	2.47E-26	1.01E-26	1.81E-26	9.20E-26	5.93E-26	2.63E-26	2.91E-26
4.936090 561	0.951440 662	8.349280 665	1.889680 666	3.417390 666	6.440010 667	0.567040 667	8.640260 668	2.933000 669	
	6.53E-25	2.14E-25	7.70E-26	3.25E-26	6.00E-26	3.02E-25	1.99E-25	8.84E-26	9.72E-26
	6.56E-25	2.14E-25	7.74E-26	3.27E-26	6.00E-26	3.03E-25	1.99E-25	8.89E-26	9.72E-26
	6.59E-25	2.15E-25	7.77E-26	3.28E-26	6.00E-26	3.05E-25	1.99E-25	8.93E-26	9.73E-26
	6.62E-25	2.16E-25	7.81E-26	3.30E-26	6.01E-26	3.06E-25	1.99E-25	8.98E-26	9.74E-26
	6.65E-25	2.17E-25	7.85E-26	3.31E-26	6.01E-26	3.08E-25	1.99E-25	9.02E-26	9.75E-26
	6.67E-25	2.18E-25	7.88E-26	3.32E-26	6.01E-26	3.09E-25	1.99E-25	9.06E-26	9.75E-26
	6.70E-25	2.18E-25	7.92E-26	3.34E-26	6.01E-26	3.11E-25	1.99E-25	9.10E-26	9.76E-26
	6.72E-25	2.19E-25	7.95E-26	3.35E-26	6.01E-26	3.12E-25	1.99E-25	9.14E-26	9.76E-26
	6.74E-25	2.20E-25	7.98E-26	3.36E-26	6.01E-26	3.14E-25	1.99E-25	9.17E-26	9.77E-26
	6.77E-25	2.21E-25	8.01E-26	3.37E-26	6.02E-26	3.15E-25	1.99E-25	9.21E-26	9.77E-26
	6.79E-25	2.21E-25	8.04E-26	3.38E-26	6.01E-26	3.16E-25	1.99E-25	9.24E-26	9.77E-26
	6.81E-25	2.22E-25	8.07E-26	3.39E-26	6.01E-26	3.17E-25	1.99E-25	9.28E-26	9.77E-26
	6.83E-25	2.22E-25	8.09E-26	3.40E-26	6.01E-26	3.19E-25	1.99E-25	9.31E-26	9.77E-26
	6.85E-25	2.23E-25	8.12E-26	3.41E-26	6.01E-26	3.20E-25	1.99E-25	9.34E-26	9.77E-26
	6.87E-25	2.23E-25	8.15E-26	3.42E-26	6.01E-26	3.21E-25	1.99E-25	9.37E-26	9.77E-26
	6.88E-25	2.24E-25	8.17E-26	3.43E-26	6.01E-26	3.22E-25	1.99E-25	9.40E-26	9.77E-26
	6.90E-25	2.24E-25	8.20E-26	3.44E-26	6.01E-26	3.23E-25	1.99E-25	9.43E-26	9.77E-26
	6.92E-25	2.25E-25	8.22E-26	3.45E-26	6.00E-26	3.24E-25	1.99E-25	9.45E-26	9.77E-26
	6.93E-25	2.25E-25	8.24E-26	3.46E-26	6.00E-26	3.25E-25	1.98E-25	9.48E-26	9.76E-26
	6.95E-25	2.26E-25	8.26E-26	3.47E-26	6.00E-26	3.26E-25	1.98E-25	9.50E-26	9.76E-26

5.39	0.4	6.84	0.5	3.31	9.12	6.92	6.23	8.5
7.67E-26	8.47E-26	8.07E-26	2.61E-26	1.01E-25	1.74E-26	6.25E-26	1.42E-26	8.23E-26
9.908610 670	2.811860 670	3.284760 670	5.672740 671	7.385610 671	8.760500 672	3.827220 672	8.273070 673	6.873840 675
2.57E-25	2.87E-25	2.45E-25	8.65E-26	3.23E-25	5.93E-26	2.06E-25	4.79E-26	2.82E-25
2.56E-25	2.88E-25	2.47E-25	8.65E-26	3.24E-25	5.90E-26	2.07E-25	4.77E-26	2.81E-25
2.56E-25	2.88E-25	2.48E-25	8.66E-26	3.25E-25	5.87E-26	2.08E-25	4.76E-26	2.79E-25
2.55E-25	2.88E-25	2.49E-25	8.66E-26	3.26E-25	5.84E-26	2.09E-25	4.74E-26	2.78E-25
2.54E-25	2.88E-25	2.50E-25	8.66E-26	3.27E-25	5.81E-26	2.10E-25	4.72E-26	2.77E-25
2.54E-25	2.88E-25	2.51E-25	8.66E-26	3.27E-25	5.78E-26	2.10E-25	4.71E-26	2.75E-25
2.53E-25	2.88E-25	2.52E-25	8.66E-26	3.28E-25	5.75E-26	2.11E-25	4.69E-26	2.74E-25
2.52E-25	2.88E-25	2.53E-25	8.66E-26	3.29E-25	5.72E-26	2.12E-25	4.68E-26	2.73E-25
2.51E-25	2.88E-25	2.54E-25	8.66E-26	3.29E-25	5.69E-26	2.13E-25	4.66E-26	2.72E-25
2.51E-25	2.88E-25	2.55E-25	8.66E-26	3.30E-25	5.66E-26	2.14E-25	4.64E-26	2.70E-25
2.50E-25	2.88E-25	2.56E-25	8.66E-26	3.31E-25	5.63E-26	2.15E-25	4.63E-26	2.69E-25
2.49E-25	2.88E-25	2.57E-25	8.66E-26	3.31E-25	5.61E-26	2.15E-25	4.61E-26	2.68E-25
2.48E-25	2.88E-25	2.58E-25	8.65E-26	3.32E-25	5.58E-26	2.16E-25	4.60E-26	2.66E-25
2.48E-25	2.88E-25	2.59E-25	8.65E-26	3.32E-25	5.55E-26	2.17E-25	4.58E-26	2.65E-25
2.47E-25	2.88E-25	2.60E-25	8.65E-26	3.33E-25	5.52E-26	2.18E-25	4.57E-26	2.64E-25
2.46E-25	2.88E-25	2.61E-25	8.64E-26	3.33E-25	5.50E-26	2.18E-25	4.55E-26	2.63E-25
2.45E-25	2.87E-25	2.61E-25	8.64E-26	3.33E-25	5.47E-26	2.19E-25	4.54E-26	2.62E-25
2.45E-25	2.87E-25	2.62E-25	8.63E-26	3.34E-25	5.44E-26	2.20E-25	4.52E-26	2.60E-25
2.44E-25	2.87E-25	2.63E-25	8.63E-26	3.34E-25	5.42E-26	2.20E-25	4.50E-26	2.59E-25
2.43E-25	2.87E-25	2.63E-25	8.62E-26	3.34E-25	5.39E-26	2.21E-25	4.49E-26	2.58E-25

	7.07	7.27	6.28	0.39	0.49	6.25	6.68	6.16	3.98
	7.18E-25	9.16E-25	3.04E-26	4.52E-26	7.06E-25	3.23E-26	9.68E-25	3.48E-25	5.16E-25
8.884680 676	6.436140 677	5.362820 678	0.608220 678	6.057540 678	6.718110 678	9.218730 679	4.031050 679	7.446670 679	
	2.35E-24	3.05E-24	9.89E-26	1.49E-25	2.38E-24	1.10E-25	3.23E-24	1.20E-24	1.78E-24
	2.36E-24	3.07E-24	9.94E-26	1.49E-25	2.38E-24	1.10E-25	3.25E-24	1.21E-24	1.78E-24
	2.37E-24	3.09E-24	9.98E-26	1.49E-25	2.38E-24	1.09E-25	3.26E-24	1.21E-24	1.78E-24
	2.39E-24	3.10E-24	1.00E-25	1.49E-25	2.38E-24	1.09E-25	3.28E-24	1.22E-24	1.77E-24
	2.40E-24	3.12E-24	1.01E-25	1.49E-25	2.38E-24	1.09E-25	3.29E-24	1.22E-24	1.77E-24
	2.41E-24	3.13E-24	1.01E-25	1.49E-25	2.39E-24	1.08E-25	3.31E-24	1.23E-24	1.77E-24
	2.42E-24	3.15E-24	1.01E-25	1.49E-25	2.39E-24	1.08E-25	3.32E-24	1.23E-24	1.76E-24
	2.43E-24	3.16E-24	1.02E-25	1.49E-25	2.39E-24	1.08E-25	3.33E-24	1.24E-24	1.76E-24
	2.44E-24	3.17E-24	1.02E-25	1.49E-25	2.39E-24	1.07E-25	3.35E-24	1.24E-24	1.76E-24
	2.45E-24	3.19E-24	1.03E-25	1.49E-25	2.39E-24	1.07E-25	3.36E-24	1.25E-24	1.75E-24
	2.46E-24	3.20E-24	1.03E-25	1.49E-25	2.39E-24	1.06E-25	3.37E-24	1.25E-24	1.75E-24
	2.47E-24	3.21E-24	1.03E-25	1.49E-25	2.39E-24	1.06E-25	3.38E-24	1.26E-24	1.75E-24
	2.48E-24	3.22E-24	1.04E-25	1.49E-25	2.39E-24	1.06E-25	3.39E-24	1.26E-24	1.74E-24
	2.48E-24	3.23E-24	1.04E-25	1.49E-25	2.39E-24	1.05E-25	3.41E-24	1.26E-24	1.74E-24
	2.49E-24	3.24E-24	1.04E-25	1.49E-25	2.39E-24	1.05E-25	3.42E-24	1.27E-24	1.73E-24
	2.50E-24	3.25E-24	1.04E-25	1.49E-25	2.39E-24	1.05E-25	3.43E-24	1.27E-24	1.73E-24
	2.51E-24	3.26E-24	1.05E-25	1.49E-25	2.39E-24	1.04E-25	3.44E-24	1.27E-24	1.73E-24
	2.51E-24	3.27E-24	1.05E-25	1.48E-25	2.39E-24	1.04E-25	3.44E-24	1.28E-24	1.72E-24
	2.52E-24	3.28E-24	1.05E-25	1.48E-25	2.39E-24	1.04E-25	3.45E-24	1.28E-24	1.72E-24
	2.53E-24	3.29E-24	1.06E-25	1.48E-25	2.38E-24	1.03E-25	3.46E-24	1.28E-24	1.71E-24

5.99	0.45	5.51	3.22	6.92	3.24	6.42	0.48	3.97
7.02E-25	8.07E-26	5.45E-26	1.06E-25	1.43E-26	4.03E-25	2.58E-26	1.98E-26	2.99E-25
8.256580 679	8.289800 681	1.279860 681	4.663700 681	5.493540 681	7.381740 682	9.946830 683	2.638250 683	2.836950 683
2.39E-24	2.66E-25	1.94E-25	3.57E-25	4.59E-26	1.29E-24	9.14E-26	7.18E-26	1.00E-24
2.38E-24	2.66E-25	1.94E-25	3.58E-25	4.61E-26	1.29E-24	9.11E-26	7.19E-26	1.00E-24
2.38E-24	2.66E-25	1.93E-25	3.58E-25	4.63E-26	1.30E-24	9.08E-26	7.19E-26	1.00E-24
2.37E-24	2.66E-25	1.93E-25	3.59E-25	4.66E-26	1.30E-24	9.05E-26	7.19E-26	9.98E-25
2.36E-24	2.67E-25	1.92E-25	3.60E-25	4.68E-26	1.30E-24	9.02E-26	7.19E-26	9.96E-25
2.35E-24	2.67E-25	1.92E-25	3.61E-25	4.70E-26	1.31E-24	8.98E-26	7.19E-26	9.94E-25
2.35E-24	2.67E-25	1.91E-25	3.62E-25	4.72E-26	1.31E-24	8.95E-26	7.20E-26	9.92E-25
2.34E-24	2.67E-25	1.91E-25	3.62E-25	4.74E-26	1.31E-24	8.92E-26	7.20E-26	9.90E-25
2.33E-24	2.67E-25	1.90E-25	3.63E-25	4.76E-26	1.31E-24	8.89E-26	7.19E-26	9.88E-25
2.32E-24	2.67E-25	1.89E-25	3.64E-25	4.78E-26	1.32E-24	8.86E-26	7.19E-26	9.86E-25
2.32E-24	2.67E-25	1.89E-25	3.64E-25	4.79E-26	1.32E-24	8.83E-26	7.19E-26	9.84E-25
2.31E-24	2.67E-25	1.88E-25	3.65E-25	4.81E-26	1.32E-24	8.80E-26	7.19E-26	9.82E-25
2.30E-24	2.66E-25	1.88E-25	3.66E-25	4.83E-26	1.32E-24	8.77E-26	7.19E-26	9.79E-25
2.29E-24	2.66E-25	1.87E-25	3.66E-25	4.84E-26	1.33E-24	8.74E-26	7.19E-26	9.77E-25
2.29E-24	2.66E-25	1.87E-25	3.66E-25	4.86E-26	1.33E-24	8.71E-26	7.18E-26	9.75E-25
2.28E-24	2.66E-25	1.86E-25	3.67E-25	4.87E-26	1.33E-24	8.68E-26	7.18E-26	9.73E-25
2.27E-24	2.66E-25	1.85E-25	3.67E-25	4.89E-26	1.33E-24	8.64E-26	7.17E-26	9.71E-25
2.26E-24	2.66E-25	1.85E-25	3.68E-25	4.90E-26	1.33E-24	8.61E-26	7.17E-26	9.68E-25
2.26E-24	2.66E-25	1.84E-25	3.68E-25	4.91E-26	1.33E-24	8.58E-26	7.17E-26	9.66E-25
2.25E-24	2.65E-25	1.84E-25	3.68E-25	4.93E-26	1.33E-24	8.55E-26	7.16E-26	9.64E-25

	5.43	0.45	1	6.66	7.13	7.05	9.18	6.22	0.4
	2.80E-26	1.12E-26	8.23E-26	4.64E-26	9.52E-26	2.63E-26	5.93E-25	2.14E-26	8.39E-25
4.478960 684	2.127590 684	3.411140 685	1.435990 685	2.475310 685	3.988780 685	5.486640 685	6.947630 686	4.003800 686	
	9.71E-26	3.83E-26	2.89E-25	1.74E-25	3.22E-25	8.10E-26	2.11E-24	7.60E-26	3.00E-24
	9.68E-26	3.83E-26	2.89E-25	1.75E-25	3.24E-25	8.14E-26	2.10E-24	7.64E-26	3.00E-24
	9.66E-26	3.83E-26	2.89E-25	1.76E-25	3.25E-25	8.18E-26	2.08E-24	7.67E-26	3.00E-24
	9.63E-26	3.83E-26	2.89E-25	1.77E-25	3.27E-25	8.22E-26	2.07E-24	7.70E-26	3.00E-24
	9.60E-26	3.84E-26	2.89E-25	1.77E-25	3.29E-25	8.26E-26	2.06E-24	7.74E-26	3.00E-24
	9.57E-26	3.84E-26	2.89E-25	1.78E-25	3.30E-25	8.30E-26	2.05E-24	7.77E-26	3.00E-24
	9.55E-26	3.84E-26	2.89E-25	1.79E-25	3.32E-25	8.34E-26	2.04E-24	7.80E-26	3.00E-24
	9.52E-26	3.84E-26	2.88E-25	1.80E-25	3.33E-25	8.37E-26	2.03E-24	7.83E-26	3.00E-24
	9.49E-26	3.84E-26	2.88E-25	1.80E-25	3.34E-25	8.41E-26	2.02E-24	7.86E-26	3.00E-24
	9.46E-26	3.84E-26	2.88E-25	1.81E-25	3.36E-25	8.44E-26	2.01E-24	7.88E-26	3.00E-24
	9.43E-26	3.84E-26	2.88E-25	1.82E-25	3.37E-25	8.47E-26	2.00E-24	7.91E-26	3.00E-24
	9.41E-26	3.84E-26	2.88E-25	1.82E-25	3.38E-25	8.50E-26	1.99E-24	7.94E-26	3.00E-24
	9.38E-26	3.84E-26	2.88E-25	1.83E-25	3.39E-25	8.53E-26	1.98E-24	7.96E-26	3.00E-24
	9.35E-26	3.84E-26	2.87E-25	1.83E-25	3.41E-25	8.56E-26	1.97E-24	7.98E-26	3.00E-24
	9.32E-26	3.84E-26	2.87E-25	1.84E-25	3.42E-25	8.59E-26	1.96E-24	8.00E-26	3.00E-24
	9.30E-26	3.84E-26	2.87E-25	1.85E-25	3.43E-25	8.62E-26	1.95E-24	8.03E-26	3.00E-24
	9.27E-26	3.84E-26	2.87E-25	1.85E-25	3.44E-25	8.64E-26	1.94E-24	8.05E-26	3.00E-24
	9.24E-26	3.84E-26	2.86E-25	1.86E-25	3.45E-25	8.67E-26	1.93E-24	8.07E-26	2.99E-24
	9.21E-26	3.84E-26	2.86E-25	1.86E-25	3.46E-25	8.69E-26	1.92E-24	8.08E-26	2.99E-24
	9.18E-26	3.83E-26	2.86E-25	1.86E-25	3.47E-25	8.71E-26	1.91E-24	8.10E-26	2.99E-24

	5.42	6.11	8.73	9.18	6.64	0.49	6.11	4.16	9.15
	8.51E-25	3.99E-25	7.02E-26	4.16E-26	7.26E-26	1.31E-25	3.95E-26	1.92E-26	6.25E-25
6.353870 687	0.466920 687	1.444180 687	7.817910 687	9.937160 688	2.413330 688	5.882850 688	8.907000 689	0.876920 690	
	2.90E-24	1.35E-24	2.55E-25	1.49E-25	2.50E-25	4.33E-25	1.41E-25	6.85E-26	2.23E-24
	2.89E-24	1.36E-24	2.54E-25	1.48E-25	2.52E-25	4.34E-25	1.42E-25	6.83E-26	2.22E-24
	2.89E-24	1.36E-24	2.53E-25	1.48E-25	2.53E-25	4.34E-25	1.42E-25	6.82E-26	2.21E-24
	2.88E-24	1.37E-24	2.51E-25	1.47E-25	2.54E-25	4.34E-25	1.43E-25	6.81E-26	2.20E-24
	2.87E-24	1.38E-24	2.50E-25	1.46E-25	2.55E-25	4.35E-25	1.44E-25	6.79E-26	2.19E-24
	2.86E-24	1.38E-24	2.49E-25	1.45E-25	2.56E-25	4.35E-25	1.44E-25	6.78E-26	2.17E-24
	2.85E-24	1.39E-24	2.48E-25	1.45E-25	2.57E-25	4.35E-25	1.45E-25	6.76E-26	2.16E-24
	2.85E-24	1.39E-24	2.46E-25	1.44E-25	2.58E-25	4.35E-25	1.45E-25	6.75E-26	2.15E-24
	2.84E-24	1.40E-24	2.45E-25	1.43E-25	2.59E-25	4.35E-25	1.46E-25	6.73E-26	2.14E-24
	2.83E-24	1.40E-24	2.44E-25	1.42E-25	2.60E-25	4.35E-25	1.46E-25	6.72E-26	2.13E-24
	2.82E-24	1.41E-24	2.43E-25	1.42E-25	2.61E-25	4.35E-25	1.47E-25	6.70E-26	2.12E-24
	2.81E-24	1.41E-24	2.42E-25	1.41E-25	2.62E-25	4.35E-25	1.47E-25	6.69E-26	2.11E-24
	2.80E-24	1.41E-24	2.41E-25	1.40E-25	2.63E-25	4.35E-25	1.48E-25	6.67E-26	2.10E-24
	2.80E-24	1.42E-24	2.39E-25	1.40E-25	2.64E-25	4.35E-25	1.48E-25	6.66E-26	2.09E-24
	2.79E-24	1.42E-24	2.38E-25	1.39E-25	2.65E-25	4.35E-25	1.48E-25	6.64E-26	2.08E-24
	2.78E-24	1.43E-24	2.37E-25	1.38E-25	2.65E-25	4.35E-25	1.49E-25	6.63E-26	2.07E-24
	2.77E-24	1.43E-24	2.36E-25	1.38E-25	2.66E-25	4.35E-25	1.49E-25	6.61E-26	2.06E-24
	2.76E-24	1.43E-24	2.35E-25	1.37E-25	2.67E-25	4.35E-25	1.50E-25	6.59E-26	2.05E-24
	2.75E-24	1.44E-24	2.34E-25	1.36E-25	2.68E-25	4.35E-25	1.50E-25	6.58E-26	2.04E-24
	2.75E-24	1.44E-24	2.33E-25	1.36E-25	2.68E-25	4.35E-25	1.50E-25	6.56E-26	2.03E-24

-363.65	7.17	2.49	6.4	5.54	-199.25	0.57	6.25	4.07									
2.02e-26	2	.82e-25	5	.77e-26	9	.88e-25	8	.51e-25	6	.86e-26	9	40e-25	1	78e-26	7	87e-25	1
0.518290	6902	.933480	6903	.420910	6910	.191250	6911	.275980	6927	.018120	6927	340300	6928	859480	6929	192740	6933
-8.29E-26	9.13E-25	1.96E-25	3.46E-24	3.03E-24	-8.74E-25	3.36E-24	6.17E-26	2.75E-24									
-9.14E-26	9.18E-25	1.96E-25	3.45E-24	3.02E-24	-9.36E-25	3.37E-24	6.15E-26	2.74E-24									
-1.00E-25	9.22E-25	1.97E-25	3.43E-24	3.01E-24	-1.00E-24	3.37E-24	6.13E-26	2.74E-24									
-1.10E-25	9.27E-25	1.97E-25	3.42E-24	3.00E-24	-1.07E-24	3.37E-24	6.11E-26	2.73E-24									
-1.21E-25	9.31E-25	1.98E-25	3.41E-24	2.99E-24	-1.14E-24	3.37E-24	6.09E-26	2.73E-24									
-1.32E-25	9.36E-25	1.98E-25	3.40E-24	2.99E-24	-1.21E-24	3.37E-24	6.07E-26	2.72E-24									
-1.44E-25	9.40E-25	1.98E-25	3.39E-24	2.98E-24	-1.29E-24	3.37E-24	6.05E-26	2.72E-24									
-1.57E-25	9.44E-25	1.99E-25	3.37E-24	2.97E-24	-1.37E-24	3.37E-24	6.03E-26	2.71E-24									
-1.71E-25	9.48E-25	1.99E-25	3.36E-24	2.96E-24	-1.46E-24	3.37E-24	6.01E-26	2.70E-24									
-1.85E-25	9.52E-25	1.99E-25	3.35E-24	2.95E-24	-1.54E-24	3.37E-24	5.99E-26	2.70E-24									
-2.01E-25	9.55E-25	1.99E-25	3.34E-24	2.94E-24	-1.63E-24	3.37E-24	5.97E-26	2.69E-24									
-2.17E-25	9.59E-25	2.00E-25	3.33E-24	2.93E-24	-1.73E-24	3.37E-24	5.95E-26	2.69E-24									
-2.34E-25	9.62E-25	2.00E-25	3.32E-24	2.92E-24	-1.83E-24	3.36E-24	5.93E-26	2.68E-24									
-2.52E-25	9.66E-25	2.00E-25	3.30E-24	2.92E-24	-1.93E-24	3.36E-24	5.91E-26	2.67E-24									
-2.72E-25	9.69E-25	2.00E-25	3.29E-24	2.91E-24	-2.03E-24	3.36E-24	5.89E-26	2.67E-24									
-2.92E-25	9.72E-25	2.00E-25	3.28E-24	2.90E-24	-2.14E-24	3.36E-24	5.87E-26	2.66E-24									
-3.13E-25	9.75E-25	2.01E-25	3.27E-24	2.89E-24	-2.26E-24	3.36E-24	5.85E-26	2.66E-24									
-3.36E-25	9.78E-25	2.01E-25	3.26E-24	2.88E-24	-2.37E-24	3.35E-24	5.83E-26	2.65E-24									
-3.60E-25	9.81E-25	2.01E-25	3.25E-24	2.87E-24	-2.49E-24	3.35E-24	5.81E-26	2.64E-24									
-3.84E-25	9.83E-25	2.01E-25	3.24E-24	2.86E-24	-2.62E-24	3.35E-24	5.79E-26	2.64E-24									

	0.46	0.52	6.9	6.25	5.57	6.03	3.19					
13e-25	4.	11e-25	3.	72e-26	8.	15e-25	5.	93e-25	2.	82e-26	1.	2.20E-25
139430	6940.	439670	6941.	420990	6944.	306180	6957.	899130	6976.	085120	6998.	430580
	3.87E-25	1.47E-24	1.25E-25	2.89E-24	2.14E-24	9.97E-26	4.16E-26					
	3.87E-25	1.47E-24	1.25E-25	2.91E-24	2.15E-24	1.00E-25	4.17E-26					
	3.87E-25	1.47E-24	1.26E-25	2.92E-24	2.16E-24	1.01E-25	4.18E-26					
	3.87E-25	1.47E-24	1.27E-25	2.93E-24	2.16E-24	1.01E-25	4.20E-26					
	3.88E-25	1.47E-24	1.27E-25	2.95E-24	2.17E-24	1.01E-25	4.21E-26					
	3.88E-25	1.47E-24	1.28E-25	2.96E-24	2.18E-24	1.02E-25	4.21E-26					
	3.88E-25	1.47E-24	1.28E-25	2.97E-24	2.19E-24	1.02E-25	4.22E-26					
	3.88E-25	1.47E-24	1.29E-25	2.98E-24	2.20E-24	1.03E-25	4.23E-26					
	3.88E-25	1.47E-24	1.29E-25	2.99E-24	2.20E-24	1.03E-25	4.24E-26					
	3.88E-25	1.47E-24	1.30E-25	3.00E-24	2.21E-24	1.03E-25	4.25E-26					
	3.88E-25	1.47E-24	1.30E-25	3.01E-24	2.22E-24	1.04E-25	4.25E-26					
	3.87E-25	1.47E-24	1.31E-25	3.02E-24	2.22E-24	1.04E-25	4.26E-26					
	3.87E-25	1.47E-24	1.31E-25	3.03E-24	2.23E-24	1.04E-25	4.27E-26					
	3.87E-25	1.47E-24	1.32E-25	3.04E-24	2.23E-24	1.05E-25	4.27E-26					
	3.87E-25	1.47E-24	1.32E-25	3.05E-24	2.24E-24	1.05E-25	4.28E-26					
	3.87E-25	1.47E-24	1.32E-25	3.06E-24	2.25E-24	1.05E-25	4.28E-26					
	3.87E-25	1.47E-24	1.33E-25	3.06E-24	2.25E-24	1.05E-25	4.29E-26					
	3.86E-25	1.47E-24	1.33E-25	3.07E-24	2.26E-24	1.06E-25	4.29E-26					
	3.86E-25	1.47E-24	1.34E-25	3.08E-24	2.26E-24	1.06E-25	4.30E-26					
	3.86E-25	1.46E-24	1.34E-25	3.09E-24	2.26E-24	1.06E-25	4.30E-26					

Sdev	5.94	5.39	6.41	6.41	6.78	6.16	0.32	7.32	0.52	6.87
S	2.26E-25	7.02E-26	4.56E-25	6.45E-26	4.68E-26	2.38E-26	2.65E-26	7.67E-26	9.08E-26	1.78E-26
T/Wn	4003.16637	4009.08453	4011.33784	4024.46663	5096.49599	5119.02291	5131.21872	5137.90016	5138.03903	5147.49247
-23.1	7.81E-25	2.43E-25	1.53E-24	2.14E-25	1.46E-25	7.71E-26	8.77E-26	2.51E-25	3.04E-25	5.99E-26
-20.5	7.84E-25	2.44E-25	1.54E-24	2.15E-25	1.47E-25	7.75E-26	8.78E-26	2.52E-25	3.04E-25	6.02E-26
-17.9	7.88E-25	2.45E-25	1.55E-24	2.16E-25	1.47E-25	7.78E-26	8.78E-26	2.54E-25	3.05E-25	6.05E-26
-15.3	7.91E-25	2.46E-25	1.55E-24	2.17E-25	1.48E-25	7.82E-26	8.79E-26	2.55E-25	3.05E-25	6.08E-26
-12.6	7.94E-25	2.47E-25	1.56E-24	2.18E-25	1.49E-25	7.85E-26	8.79E-26	2.56E-25	3.05E-25	6.11E-26
-10	7.97E-25	2.48E-25	1.57E-24	2.19E-25	1.49E-25	7.88E-26	8.79E-26	2.57E-25	3.05E-25	6.14E-26
-7.4	8.00E-25	2.49E-25	1.57E-24	2.20E-25	1.50E-25	7.91E-26	8.79E-26	2.59E-25	3.05E-25	6.16E-26
-4.7	8.03E-25	2.49E-25	1.58E-24	2.20E-25	1.51E-25	7.94E-26	8.80E-26	2.60E-25	3.05E-25	6.19E-26
-2.1	8.06E-25	2.50E-25	1.58E-24	2.21E-25	1.51E-25	7.97E-26	8.80E-26	2.61E-25	3.05E-25	6.21E-26
0.5	8.09E-25	2.51E-25	1.59E-24	2.22E-25	1.52E-25	8.00E-26	8.80E-26	2.62E-25	3.05E-25	6.24E-26
3.2	8.11E-25	2.52E-25	1.60E-24	2.23E-25	1.52E-25	8.02E-26	8.80E-26	2.63E-25	3.05E-25	6.26E-26
5.8	8.14E-25	2.52E-25	1.60E-24	2.24E-25	1.53E-25	8.05E-26	8.80E-26	2.64E-25	3.05E-25	6.28E-26
8.4	8.16E-25	2.53E-25	1.61E-24	2.24E-25	1.53E-25	8.07E-26	8.79E-26	2.65E-25	3.04E-25	6.30E-26
11.1	8.18E-25	2.54E-25	1.61E-24	2.25E-25	1.54E-25	8.10E-26	8.79E-26	2.66E-25	3.04E-25	6.32E-26
13.7	8.21E-25	2.54E-25	1.61E-24	2.26E-25	1.54E-25	8.12E-26	8.79E-26	2.67E-25	3.04E-25	6.34E-26
16.3	8.23E-25	2.55E-25	1.62E-24	2.26E-25	1.55E-25	8.14E-26	8.79E-26	2.68E-25	3.04E-25	6.36E-26
19	8.25E-25	2.55E-25	1.62E-24	2.27E-25	1.55E-25	8.16E-26	8.78E-26	2.68E-25	3.04E-25	6.38E-26
21.6	8.27E-25	2.56E-25	1.63E-24	2.27E-25	1.56E-25	8.18E-26	8.78E-26	2.69E-25	3.04E-25	6.40E-26
24.2	8.28E-25	2.56E-25	1.63E-24	2.28E-25	1.56E-25	8.20E-26	8.77E-26	2.70E-25	3.03E-25	6.42E-26
26.9	8.30E-25	2.57E-25	1.64E-24	2.28E-25	1.56E-25	8.22E-26	8.77E-26	2.71E-25	3.03E-25	6.43E-26

H2170

0.56	6.21	0.5	5.08	0.45	6.86	0.43	3.18	6.75	9.2	6.29
2.96E-26	2.15E-26	5.29E-26	9.36E-26	5.32E-26	2.05E-25	2.41E-26	1.21E-25	1.03E-25	2.73E-26	1.13E-26
5154.75066	5163.6315	5171.39414	5171.882	5173.78649	5178.19826	5189.07352	5189.0943	5190.55906	5190.7745	5196.64525
9.92E-26	7.02E-26	1.79E-25	3.18E-25	1.77E-25	6.25E-25	8.19E-26	3.87E-25	3.38E-25	9.36E-26	3.83E-26
9.93E-26	7.05E-26	1.79E-25	3.17E-25	1.77E-25	6.28E-25	8.20E-26	3.88E-25	3.40E-25	9.31E-26	3.81E-26
9.94E-26	7.08E-26	1.79E-25	3.16E-25	1.77E-25	6.31E-25	8.20E-26	3.89E-25	3.41E-25	9.26E-26	3.80E-26
9.95E-26	7.11E-26	1.79E-25	3.16E-25	1.77E-25	6.34E-25	8.21E-26	3.90E-25	3.43E-25	9.21E-26	3.79E-26
9.96E-26	7.14E-26	1.79E-25	3.15E-25	1.77E-25	6.37E-25	8.21E-26	3.91E-25	3.45E-25	9.16E-26	3.77E-26
9.96E-26	7.17E-26	1.79E-25	3.14E-25	1.77E-25	6.40E-25	8.21E-26	3.92E-25	3.46E-25	9.11E-26	3.76E-26
9.97E-26	7.20E-26	1.79E-25	3.13E-25	1.77E-25	6.42E-25	8.21E-26	3.93E-25	3.48E-25	9.06E-26	3.75E-26
9.97E-26	7.23E-26	1.79E-25	3.12E-25	1.77E-25	6.45E-25	8.21E-26	3.94E-25	3.49E-25	9.02E-26	3.74E-26
9.97E-26	7.25E-26	1.79E-25	3.11E-25	1.77E-25	6.48E-25	8.21E-26	3.94E-25	3.50E-25	8.97E-26	3.72E-26
9.98E-26	7.28E-26	1.79E-25	3.11E-25	1.77E-25	6.50E-25	8.21E-26	3.95E-25	3.52E-25	8.93E-26	3.71E-26
9.98E-26	7.30E-26	1.79E-25	3.10E-25	1.77E-25	6.52E-25	8.21E-26	3.96E-25	3.53E-25	8.88E-26	3.70E-26
9.98E-26	7.33E-26	1.79E-25	3.09E-25	1.77E-25	6.55E-25	8.21E-26	3.96E-25	3.54E-25	8.84E-26	3.68E-26
9.98E-26	7.35E-26	1.79E-25	3.08E-25	1.77E-25	6.57E-25	8.21E-26	3.97E-25	3.55E-25	8.79E-26	3.67E-26
9.98E-26	7.37E-26	1.79E-25	3.07E-25	1.77E-25	6.59E-25	8.20E-26	3.97E-25	3.57E-25	8.75E-26	3.66E-26
9.98E-26	7.39E-26	1.79E-25	3.06E-25	1.77E-25	6.61E-25	8.20E-26	3.98E-25	3.58E-25	8.71E-26	3.65E-26
9.98E-26	7.41E-26	1.79E-25	3.05E-25	1.77E-25	6.63E-25	8.20E-26	3.98E-25	3.59E-25	8.66E-26	3.63E-26
9.98E-26	7.43E-26	1.79E-25	3.05E-25	1.77E-25	6.65E-25	8.19E-26	3.99E-25	3.60E-25	8.62E-26	3.62E-26
9.97E-26	7.45E-26	1.79E-25	3.04E-25	1.77E-25	6.67E-25	8.19E-26	3.99E-25	3.61E-25	8.58E-26	3.61E-26
9.97E-26	7.47E-26	1.78E-25	3.03E-25	1.77E-25	6.69E-25	8.18E-26	4.00E-25	3.62E-25	8.54E-26	3.60E-26
9.97E-26	7.48E-26	1.78E-25	3.02E-25	1.76E-25	6.70E-25	8.18E-26	4.00E-25	3.63E-25	8.49E-26	3.58E-26

3.86	0.32	8.6	7.09	6.26	6.31	0.47	9.2	0.51	0.6	3.13
4.96E-26	3.76E-26	1.28E-25	5.08E-26	1.14E-25	3.80E-26	1.67E-25	2.26E-26	8.11E-26	1.53E-26	1.97E-26
5201.68251	5208.4013	5208.9224	5222.1649	5249.9188	5254.50005	5255.48876	5259.72194	5265.45721	5267.84956	5273.35904
1.67E-25	1.19E-25	4.40E-25	1.57E-25	3.70E-25	1.30E-25	5.49E-25	7.90E-26	2.68E-25	5.12E-26	6.66E-26
1.66E-25	1.19E-25	4.38E-25	1.58E-25	3.72E-25	1.30E-25	5.50E-25	7.85E-26	2.68E-25	5.13E-26	6.67E-26
1.66E-25	1.19E-25	4.35E-25	1.59E-25	3.74E-25	1.29E-25	5.50E-25	7.81E-26	2.68E-25	5.13E-26	6.69E-26
1.66E-25	1.19E-25	4.33E-25	1.60E-25	3.75E-25	1.29E-25	5.50E-25	7.77E-26	2.68E-25	5.13E-26	6.71E-26
1.66E-25	1.19E-25	4.31E-25	1.60E-25	3.77E-25	1.28E-25	5.50E-25	7.73E-26	2.68E-25	5.13E-26	6.72E-26
1.65E-25	1.19E-25	4.29E-25	1.61E-25	3.78E-25	1.28E-25	5.50E-25	7.69E-26	2.68E-25	5.13E-26	6.74E-26
1.65E-25	1.19E-25	4.27E-25	1.62E-25	3.80E-25	1.27E-25	5.50E-25	7.65E-26	2.68E-25	5.13E-26	6.75E-26
1.65E-25	1.19E-25	4.25E-25	1.63E-25	3.81E-25	1.27E-25	5.50E-25	7.61E-26	2.68E-25	5.13E-26	6.76E-26
1.64E-25	1.19E-25	4.23E-25	1.63E-25	3.83E-25	1.27E-25	5.50E-25	7.57E-26	2.68E-25	5.13E-26	6.78E-26
1.64E-25	1.19E-25	4.21E-25	1.64E-25	3.84E-25	1.26E-25	5.50E-25	7.53E-26	2.68E-25	5.13E-26	6.79E-26
1.64E-25	1.19E-25	4.19E-25	1.65E-25	3.85E-25	1.26E-25	5.50E-25	7.50E-26	2.68E-25	5.13E-26	6.80E-26
1.63E-25	1.19E-25	4.17E-25	1.65E-25	3.87E-25	1.25E-25	5.50E-25	7.46E-26	2.68E-25	5.12E-26	6.81E-26
1.63E-25	1.19E-25	4.15E-25	1.66E-25	3.88E-25	1.25E-25	5.50E-25	7.42E-26	2.68E-25	5.12E-26	6.82E-26
1.63E-25	1.19E-25	4.13E-25	1.66E-25	3.89E-25	1.24E-25	5.50E-25	7.38E-26	2.68E-25	5.12E-26	6.83E-26
1.62E-25	1.19E-25	4.11E-25	1.67E-25	3.90E-25	1.24E-25	5.49E-25	7.35E-26	2.68E-25	5.12E-26	6.84E-26
1.62E-25	1.19E-25	4.09E-25	1.67E-25	3.91E-25	1.24E-25	5.49E-25	7.31E-26	2.67E-25	5.11E-26	6.84E-26
1.61E-25	1.19E-25	4.07E-25	1.68E-25	3.92E-25	1.23E-25	5.49E-25	7.28E-26	2.67E-25	5.11E-26	6.85E-26
1.61E-25	1.19E-25	4.06E-25	1.68E-25	3.93E-25	1.23E-25	5.49E-25	7.24E-26	2.67E-25	5.11E-26	6.86E-26
1.61E-25	1.19E-25	4.04E-25	1.69E-25	3.94E-25	1.22E-25	5.48E-25	7.20E-26	2.67E-25	5.10E-26	6.86E-26
1.60E-25	1.19E-25	4.02E-25	1.69E-25	3.95E-25	1.22E-25	5.48E-25	7.17E-26	2.67E-25	5.10E-26	6.87E-26

6.86	5.58	5.5	5.61	6.5	0.56	4	7.11	1.07	6.96	0.5
1.49E-26	1.36E-25	1.95E-26	1.01E-26	6.29E-26	5.97E-26	9.80E-25	1.80E-26	2.07E-25	1.86E-26	1.22E-26
5281.64343	5282.97704	5291.3702	5297.78246	5299.10864	5303.97339	5305.15763	5309.05442	5313.00658	5316.40747	5319.96941
4.77E-26	4.87E-25	6.77E-26	3.19E-26	2.23E-25	2.16E-25	3.30E-24	6.09E-26	7.25E-25	5.73E-26	3.90E-26
4.79E-26	4.86E-25	6.75E-26	3.20E-26	2.22E-25	2.16E-25	3.30E-24	6.12E-26	7.25E-25	5.76E-26	3.91E-26
4.82E-26	4.85E-25	6.73E-26	3.21E-26	2.21E-25	2.16E-25	3.29E-24	6.15E-26	7.25E-25	5.79E-26	3.91E-26
4.84E-26	4.83E-25	6.72E-26	3.23E-26	2.21E-25	2.17E-25	3.29E-24	6.19E-26	7.25E-25	5.82E-26	3.91E-26
4.86E-26	4.82E-25	6.70E-26	3.24E-26	2.20E-25	2.17E-25	3.28E-24	6.22E-26	7.25E-25	5.85E-26	3.91E-26
4.89E-26	4.80E-25	6.68E-26	3.25E-26	2.19E-25	2.17E-25	3.27E-24	6.24E-26	7.25E-25	5.87E-26	3.91E-26
4.91E-26	4.79E-25	6.66E-26	3.26E-26	2.18E-25	2.17E-25	3.27E-24	6.27E-26	7.25E-25	5.90E-26	3.91E-26
4.93E-26	4.77E-25	6.64E-26	3.27E-26	2.18E-25	2.17E-25	3.26E-24	6.30E-26	7.25E-25	5.92E-26	3.91E-26
4.95E-26	4.76E-25	6.62E-26	3.28E-26	2.17E-25	2.17E-25	3.25E-24	6.32E-26	7.24E-25	5.95E-26	3.91E-26
4.97E-26	4.75E-25	6.60E-26	3.29E-26	2.16E-25	2.17E-25	3.25E-24	6.35E-26	7.24E-25	5.97E-26	3.91E-26
4.98E-26	4.73E-25	6.58E-26	3.30E-26	2.15E-25	2.17E-25	3.24E-24	6.37E-26	7.23E-25	5.99E-26	3.91E-26
5.00E-26	4.72E-25	6.56E-26	3.31E-26	2.14E-25	2.16E-25	3.23E-24	6.40E-26	7.23E-25	6.02E-26	3.91E-26
5.02E-26	4.70E-25	6.54E-26	3.32E-26	2.14E-25	2.16E-25	3.22E-24	6.42E-26	7.22E-25	6.04E-26	3.91E-26
5.04E-26	4.69E-25	6.52E-26	3.33E-26	2.13E-25	2.16E-25	3.22E-24	6.44E-26	7.22E-25	6.06E-26	3.91E-26
5.05E-26	4.67E-25	6.50E-26	3.34E-26	2.12E-25	2.16E-25	3.21E-24	6.46E-26	7.21E-25	6.08E-26	3.90E-26
5.07E-26	4.66E-25	6.48E-26	3.35E-26	2.11E-25	2.16E-25	3.20E-24	6.48E-26	7.21E-25	6.09E-26	3.90E-26
5.08E-26	4.65E-25	6.46E-26	3.36E-26	2.11E-25	2.16E-25	3.19E-24	6.50E-26	7.20E-25	6.11E-26	3.90E-26
5.09E-26	4.63E-25	6.44E-26	3.36E-26	2.10E-25	2.16E-25	3.19E-24	6.52E-26	7.19E-25	6.13E-26	3.90E-26
5.11E-26	4.62E-25	6.42E-26	3.37E-26	2.09E-25	2.16E-25	3.18E-24	6.54E-26	7.18E-25	6.15E-26	3.89E-26
5.12E-26	4.60E-25	6.40E-26	3.38E-26	2.08E-25	2.15E-25	3.17E-24	6.56E-26	7.18E-25	6.16E-26	3.89E-26

6.53	6.09	0.44	6.16	6.05	8.8	9.25	4.24	0.42	2.42	5.67
1.70E-25	5.36E-26	4.88E-26	5.45E-26	3.78E-26	1.17E-25	4.07E-26	4.36E-26	5.57E-25	1.65E-25	2.63E-25
5322.57822	5324.49122	5325.35618	5327.03299	5327.80681	5328.4106	5334.88164	5345.85212	5353.11421	5360.24856	5367.24178
6.35E-25	1.92E-25	1.56E-25	1.94E-25	1.17E-25	4.27E-25	1.47E-25	1.55E-25	1.83E-24	5.62E-25	9.19E-25
6.39E-25	1.93E-25	1.56E-25	1.95E-25	1.18E-25	4.25E-25	1.46E-25	1.55E-25	1.83E-24	5.64E-25	9.16E-25
6.42E-25	1.93E-25	1.56E-25	1.95E-25	1.19E-25	4.23E-25	1.45E-25	1.55E-25	1.83E-24	5.65E-25	9.13E-25
6.45E-25	1.94E-25	1.57E-25	1.96E-25	1.19E-25	4.21E-25	1.44E-25	1.54E-25	1.83E-24	5.66E-25	9.11E-25
6.47E-25	1.95E-25	1.57E-25	1.97E-25	1.20E-25	4.19E-25	1.43E-25	1.54E-25	1.84E-24	5.67E-25	9.08E-25
6.50E-25	1.96E-25	1.57E-25	1.98E-25	1.20E-25	4.16E-25	1.43E-25	1.54E-25	1.84E-24	5.68E-25	9.05E-25
6.53E-25	1.97E-25	1.57E-25	1.99E-25	1.20E-25	4.14E-25	1.42E-25	1.53E-25	1.84E-24	5.69E-25	9.02E-25
6.55E-25	1.97E-25	1.57E-25	1.99E-25	1.21E-25	4.12E-25	1.41E-25	1.53E-25	1.84E-24	5.70E-25	9.00E-25
6.58E-25	1.98E-25	1.57E-25	2.00E-25	1.21E-25	4.10E-25	1.40E-25	1.53E-25	1.84E-24	5.71E-25	8.97E-25
6.60E-25	1.99E-25	1.57E-25	2.01E-25	1.22E-25	4.08E-25	1.40E-25	1.52E-25	1.84E-24	5.71E-25	8.94E-25
6.63E-25	1.99E-25	1.57E-25	2.02E-25	1.22E-25	4.06E-25	1.39E-25	1.52E-25	1.84E-24	5.72E-25	8.91E-25
6.65E-25	2.00E-25	1.57E-25	2.02E-25	1.22E-25	4.04E-25	1.38E-25	1.52E-25	1.84E-24	5.73E-25	8.89E-25
6.67E-25	2.01E-25	1.57E-25	2.03E-25	1.23E-25	4.03E-25	1.38E-25	1.51E-25	1.84E-24	5.73E-25	8.86E-25
6.69E-25	2.01E-25	1.56E-25	2.03E-25	1.23E-25	4.01E-25	1.37E-25	1.51E-25	1.84E-24	5.74E-25	8.83E-25
6.71E-25	2.02E-25	1.56E-25	2.04E-25	1.24E-25	3.99E-25	1.36E-25	1.50E-25	1.84E-24	5.74E-25	8.80E-25
6.73E-25	2.02E-25	1.56E-25	2.04E-25	1.24E-25	3.97E-25	1.36E-25	1.50E-25	1.84E-24	5.75E-25	8.78E-25
6.75E-25	2.03E-25	1.56E-25	2.05E-25	1.24E-25	3.95E-25	1.35E-25	1.50E-25	1.84E-24	5.75E-25	8.75E-25
6.76E-25	2.03E-25	1.56E-25	2.05E-25	1.24E-25	3.93E-25	1.34E-25	1.49E-25	1.84E-24	5.76E-25	8.72E-25
6.78E-25	2.04E-25	1.56E-25	2.06E-25	1.25E-25	3.91E-25	1.34E-25	1.49E-25	1.84E-24	5.76E-25	8.69E-25
6.80E-25	2.04E-25	1.56E-25	2.06E-25	1.25E-25	3.89E-25	1.33E-25	1.49E-25	1.83E-24	5.76E-25	8.67E-25

	7.16	6.33	0.51	0.55	0.51	6.84	0.66	6.85	5.97	5.47	3.12
	9.28E-25	8.19E-26	1.75E-25	1.97E-25	4.15E-25	1.35E-25	1.75E-25	6.01E-26	4.15E-25	4.11E-25	5.29E-26
5372.57091	5390.56376	5392.39181	5394.54183	5396.55195	5401.00277	5407.37601	5407.7225	5414.30938	5423.86153	5444.14314	
	3.00E-24	2.84E-25	5.58E-25	7.69E-25	1.43E-24	4.53E-25	5.85E-25	1.94E-25	1.47E-24	1.47E-24	1.81E-25
	3.02E-24	2.83E-25	5.58E-25	7.70E-25	1.43E-24	4.55E-25	5.85E-25	1.95E-25	1.47E-24	1.47E-24	1.81E-25
	3.04E-24	2.82E-25	5.58E-25	7.70E-25	1.43E-24	4.58E-25	5.86E-25	1.95E-25	1.48E-24	1.48E-24	1.82E-25
	3.05E-24	2.81E-25	5.58E-25	7.70E-25	1.43E-24	4.60E-25	5.86E-25	1.96E-25	1.49E-24	1.48E-24	1.82E-25
	3.07E-24	2.80E-25	5.58E-25	7.70E-25	1.43E-24	4.62E-25	5.86E-25	1.97E-25	1.49E-24	1.49E-24	1.83E-25
	3.08E-24	2.79E-25	5.58E-25	7.71E-25	1.43E-24	4.64E-25	5.86E-25	1.98E-25	1.50E-24	1.50E-24	1.83E-25
	3.09E-24	2.78E-25	5.58E-25	7.71E-25	1.43E-24	4.66E-25	5.86E-25	1.99E-25	1.50E-24	1.50E-24	1.83E-25
	3.11E-24	2.77E-25	5.58E-25	7.71E-25	1.43E-24	4.68E-25	5.86E-25	2.00E-25	1.51E-24	1.51E-24	1.84E-25
	3.12E-24	2.76E-25	5.58E-25	7.70E-25	1.43E-24	4.70E-25	5.86E-25	2.01E-25	1.51E-24	1.51E-24	1.84E-25
	3.13E-24	2.75E-25	5.58E-25	7.70E-25	1.43E-24	4.72E-25	5.85E-25	2.01E-25	1.52E-24	1.51E-24	1.84E-25
	3.14E-24	2.74E-25	5.58E-25	7.70E-25	1.43E-24	4.73E-25	5.85E-25	2.02E-25	1.52E-24	1.52E-24	1.85E-25
	3.16E-24	2.73E-25	5.58E-25	7.70E-25	1.43E-24	4.75E-25	5.85E-25	2.03E-25	1.53E-24	1.52E-24	1.85E-25
	3.17E-24	2.72E-25	5.58E-25	7.70E-25	1.43E-24	4.77E-25	5.85E-25	2.04E-25	1.53E-24	1.53E-24	1.85E-25
	3.18E-24	2.71E-25	5.58E-25	7.69E-25	1.43E-24	4.78E-25	5.84E-25	2.04E-25	1.54E-24	1.53E-24	1.85E-25
	3.19E-24	2.70E-25	5.57E-25	7.69E-25	1.43E-24	4.80E-25	5.84E-25	2.05E-25	1.54E-24	1.54E-24	1.86E-25
	3.20E-24	2.69E-25	5.57E-25	7.68E-25	1.43E-24	4.81E-25	5.84E-25	2.05E-25	1.54E-24	1.54E-24	1.86E-25
	3.21E-24	2.69E-25	5.57E-25	7.68E-25	1.43E-24	4.82E-25	5.83E-25	2.06E-25	1.55E-24	1.54E-24	1.86E-25
	3.22E-24	2.68E-25	5.56E-25	7.67E-25	1.43E-24	4.84E-25	5.83E-25	2.07E-25	1.55E-24	1.55E-24	1.86E-25
	3.23E-24	2.67E-25	5.56E-25	7.67E-25	1.43E-24	4.85E-25	5.82E-25	2.07E-25	1.56E-24	1.55E-24	1.86E-25
	3.23E-24	2.66E-25	5.56E-25	7.66E-25	1.42E-24	4.86E-25	5.82E-25	2.08E-25	1.56E-24	1.55E-24	1.87E-25

6.5	1.07	7.1	1.07	4.24	-26.95	5.66	2.42	6.16	0.67	6.4
1.09E-25	1.32E-26	3.16E-26	2.94E-25	2.34E-26	3.11E-26	4.72E-26	1.42E-25	5.49E-26	2.28E-26	6.13E-26
5468.02364	5489.20753	5490.60815	5504.75448	5522.48772	5529.83767	5538.02588	5541.80229	5549.98336	5571.65408	5609.48282
3.72E-25	4.41E-26	1.05E-25	9.78E-25	8.33E-26	-3.94E-24	1.67E-25	4.92E-25	1.72E-25	7.96E-26	2.06E-25
3.71E-25	4.42E-26	1.06E-25	9.78E-25	8.32E-26	-3.66E-24	1.67E-25	4.93E-25	1.73E-25	7.96E-26	2.07E-25
3.70E-25	4.42E-26	1.07E-25	9.78E-25	8.30E-26	-3.47E-24	1.66E-25	4.94E-25	1.74E-25	7.96E-26	2.08E-25
3.69E-25	4.41E-26	1.07E-25	9.78E-25	8.28E-26	-3.34E-24	1.66E-25	4.95E-25	1.75E-25	7.96E-26	2.09E-25
3.67E-25	4.41E-26	1.08E-25	9.78E-25	8.27E-26	-3.24E-24	1.65E-25	4.96E-25	1.75E-25	7.96E-26	2.10E-25
3.66E-25	4.41E-26	1.08E-25	9.77E-25	8.25E-26	-3.18E-24	1.65E-25	4.97E-25	1.76E-25	7.96E-26	2.11E-25
3.65E-25	4.41E-26	1.09E-25	9.77E-25	8.23E-26	-3.14E-24	1.64E-25	4.98E-25	1.77E-25	7.96E-26	2.12E-25
3.63E-25	4.41E-26	1.09E-25	9.77E-25	8.21E-26	-3.11E-24	1.64E-25	4.99E-25	1.77E-25	7.96E-26	2.12E-25
3.62E-25	4.41E-26	1.10E-25	9.76E-25	8.19E-26	-3.10E-24	1.63E-25	5.00E-25	1.78E-25	7.96E-26	2.13E-25
3.61E-25	4.41E-26	1.10E-25	9.76E-25	8.17E-26	-3.10E-24	1.63E-25	5.00E-25	1.79E-25	7.96E-26	2.14E-25
3.60E-25	4.40E-26	1.10E-25	9.75E-25	8.16E-26	-3.12E-24	1.62E-25	5.01E-25	1.79E-25	7.96E-26	2.15E-25
3.58E-25	4.40E-26	1.11E-25	9.75E-25	8.14E-26	-3.13E-24	1.62E-25	5.01E-25	1.80E-25	7.95E-26	2.15E-25
3.57E-25	4.40E-26	1.11E-25	9.74E-25	8.12E-26	-3.16E-24	1.61E-25	5.02E-25	1.80E-25	7.95E-26	2.16E-25
3.56E-25	4.39E-26	1.12E-25	9.73E-25	8.10E-26	-3.19E-24	1.61E-25	5.02E-25	1.81E-25	7.95E-26	2.17E-25
3.54E-25	4.39E-26	1.12E-25	9.72E-25	8.08E-26	-3.23E-24	1.60E-25	5.03E-25	1.81E-25	7.94E-26	2.17E-25
3.53E-25	4.39E-26	1.12E-25	9.71E-25	8.06E-26	-3.27E-24	1.60E-25	5.03E-25	1.82E-25	7.94E-26	2.18E-25
3.52E-25	4.38E-26	1.13E-25	9.70E-25	8.04E-26	-3.32E-24	1.59E-25	5.04E-25	1.82E-25	7.93E-26	2.19E-25
3.51E-25	4.38E-26	1.13E-25	9.69E-25	8.02E-26	-3.37E-24	1.59E-25	5.04E-25	1.83E-25	7.92E-26	2.19E-25
3.49E-25	4.37E-26	1.13E-25	9.68E-25	8.00E-26	-3.42E-24	1.58E-25	5.04E-25	1.83E-25	7.92E-26	2.20E-25
3.48E-25	4.37E-26	1.14E-25	9.67E-25	7.98E-26	-3.47E-24	1.58E-25	5.04E-25	1.84E-25	7.91E-26	2.20E-25

5.94	5.41	7.38	0.5	5.46	0.45	6.81	3.24	6.89	8.57	7.02
3.38E-26	1.09E-26	1.69E-26	1.20E-26	1.65E-26	1.39E-26	1.34E-26	1.11E-26	1.20E-26	1.32E-26	1.16E-25
5616.66598	5622.59395	6675.36921	6679.34434	6708.90276	6712.12643	6715.39601	6726.56335	6732.6985	6745.94316	6771.35427
1.19E-25	3.91E-26	5.56E-26	4.03E-26	5.55E-26	4.72E-26	4.07E-26	3.56E-26	3.94E-26	4.53E-26	3.79E-25
1.20E-25	3.93E-26	5.59E-26	4.04E-26	5.54E-26	4.73E-26	4.10E-26	3.57E-26	3.96E-26	4.50E-26	3.81E-25
1.20E-25	3.94E-26	5.62E-26	4.04E-26	5.52E-26	4.73E-26	4.12E-26	3.58E-26	3.98E-26	4.48E-26	3.83E-25
1.21E-25	3.96E-26	5.65E-26	4.04E-26	5.51E-26	4.73E-26	4.14E-26	3.58E-26	4.00E-26	4.46E-26	3.85E-25
1.21E-25	3.97E-26	5.67E-26	4.04E-26	5.49E-26	4.73E-26	4.15E-26	3.59E-26	4.02E-26	4.44E-26	3.87E-25
1.22E-25	3.99E-26	5.70E-26	4.04E-26	5.47E-26	4.73E-26	4.17E-26	3.60E-26	4.03E-26	4.42E-26	3.88E-25
1.22E-25	4.00E-26	5.73E-26	4.04E-26	5.46E-26	4.73E-26	4.19E-26	3.61E-26	4.05E-26	4.40E-26	3.90E-25
1.23E-25	4.01E-26	5.75E-26	4.04E-26	5.44E-26	4.73E-26	4.21E-26	3.62E-26	4.07E-26	4.37E-26	3.92E-25
1.23E-25	4.03E-26	5.78E-26	4.04E-26	5.43E-26	4.73E-26	4.22E-26	3.62E-26	4.08E-26	4.35E-26	3.93E-25
1.24E-25	4.04E-26	5.80E-26	4.04E-26	5.41E-26	4.73E-26	4.24E-26	3.63E-26	4.10E-26	4.33E-26	3.95E-25
1.24E-25	4.05E-26	5.82E-26	4.04E-26	5.39E-26	4.73E-26	4.26E-26	3.64E-26	4.12E-26	4.31E-26	3.96E-25
1.24E-25	4.06E-26	5.85E-26	4.04E-26	5.38E-26	4.73E-26	4.27E-26	3.64E-26	4.13E-26	4.29E-26	3.98E-25
1.25E-25	4.07E-26	5.87E-26	4.04E-26	5.36E-26	4.73E-26	4.28E-26	3.65E-26	4.14E-26	4.27E-26	3.99E-25
1.25E-25	4.08E-26	5.89E-26	4.03E-26	5.35E-26	4.73E-26	4.30E-26	3.65E-26	4.16E-26	4.25E-26	4.01E-25
1.25E-25	4.09E-26	5.91E-26	4.03E-26	5.33E-26	4.73E-26	4.31E-26	3.66E-26	4.17E-26	4.23E-26	4.02E-25
1.26E-25	4.10E-26	5.93E-26	4.03E-26	5.31E-26	4.72E-26	4.33E-26	3.66E-26	4.18E-26	4.21E-26	4.03E-25
1.26E-25	4.11E-26	5.95E-26	4.03E-26	5.30E-26	4.72E-26	4.34E-26	3.67E-26	4.20E-26	4.19E-26	4.04E-25
1.26E-25	4.12E-26	5.97E-26	4.03E-26	5.28E-26	4.72E-26	4.35E-26	3.67E-26	4.21E-26	4.18E-26	4.06E-25
1.27E-25	4.13E-26	5.98E-26	4.02E-26	5.27E-26	4.72E-26	4.36E-26	3.67E-26	4.22E-26	4.16E-26	4.07E-25
1.27E-25	4.13E-26	6.00E-26	4.02E-26	5.25E-26	4.71E-26	4.37E-26	3.68E-26	4.23E-26	4.14E-26	4.08E-25

7.09	7.23	3.12	0.31	0.46	6.65	6.14	0.5	4.06	6.07	5.42
4.32E-26	2.99E-25	3.25E-25	4.03E-25	1.20E-25	1.73E-25	5.85E-26	1.09E-26	9.20E-26	1.23E-25	2.74E-25
6774.27212	6778.05927	6785.12919	6790.29416	6798.65116	6802.01228	6806.75044	6807.59665	6810.13306	6810.87289	6819.95984
1.34E-25	9.96E-25	1.08E-24	1.34E-24	4.05E-25	5.79E-25	2.02E-25	3.61E-26	3.18E-25	4.19E-25	9.27E-25
1.34E-25	1.00E-24	1.08E-24	1.34E-24	4.05E-25	5.82E-25	2.03E-25	3.61E-26	3.18E-25	4.18E-25	9.24E-25
1.35E-25	1.01E-24	1.09E-24	1.34E-24	4.06E-25	5.85E-25	2.04E-25	3.61E-26	3.17E-25	4.17E-25	9.22E-25
1.36E-25	1.01E-24	1.09E-24	1.35E-24	4.06E-25	5.88E-25	2.05E-25	3.61E-26	3.16E-25	4.15E-25	9.19E-25
1.36E-25	1.02E-24	1.09E-24	1.35E-24	4.06E-25	5.90E-25	2.06E-25	3.61E-26	3.16E-25	4.14E-25	9.16E-25
1.37E-25	1.02E-24	1.09E-24	1.35E-24	4.06E-25	5.93E-25	2.07E-25	3.61E-26	3.15E-25	4.13E-25	9.14E-25
1.38E-25	1.03E-24	1.10E-24	1.35E-24	4.07E-25	5.95E-25	2.07E-25	3.61E-26	3.14E-25	4.11E-25	9.11E-25
1.38E-25	1.03E-24	1.10E-24	1.35E-24	4.07E-25	5.98E-25	2.08E-25	3.61E-26	3.14E-25	4.10E-25	9.08E-25
1.39E-25	1.03E-24	1.10E-24	1.35E-24	4.07E-25	6.00E-25	2.09E-25	3.61E-26	3.13E-25	4.09E-25	9.06E-25
1.39E-25	1.04E-24	1.10E-24	1.35E-24	4.07E-25	6.02E-25	2.10E-25	3.61E-26	3.12E-25	4.07E-25	9.03E-25
1.40E-25	1.04E-24	1.10E-24	1.35E-24	4.07E-25	6.04E-25	2.10E-25	3.61E-26	3.12E-25	4.06E-25	9.00E-25
1.40E-25	1.05E-24	1.11E-24	1.35E-24	4.07E-25	6.06E-25	2.11E-25	3.61E-26	3.11E-25	4.05E-25	8.98E-25
1.41E-25	1.05E-24	1.11E-24	1.35E-24	4.07E-25	6.08E-25	2.12E-25	3.61E-26	3.10E-25	4.03E-25	8.95E-25
1.41E-25	1.05E-24	1.11E-24	1.35E-24	4.07E-25	6.10E-25	2.12E-25	3.61E-26	3.10E-25	4.02E-25	8.92E-25
1.42E-25	1.06E-24	1.11E-24	1.35E-24	4.07E-25	6.12E-25	2.13E-25	3.61E-26	3.09E-25	4.01E-25	8.90E-25
1.42E-25	1.06E-24	1.11E-24	1.35E-24	4.07E-25	6.14E-25	2.13E-25	3.61E-26	3.08E-25	3.99E-25	8.87E-25
1.43E-25	1.06E-24	1.11E-24	1.35E-24	4.07E-25	6.16E-25	2.14E-25	3.60E-26	3.07E-25	3.98E-25	8.84E-25
1.43E-25	1.07E-24	1.11E-24	1.34E-24	4.06E-25	6.17E-25	2.14E-25	3.60E-26	3.07E-25	3.97E-25	8.82E-25
1.43E-25	1.07E-24	1.11E-24	1.34E-24	4.06E-25	6.19E-25	2.15E-25	3.60E-26	3.06E-25	3.95E-25	8.79E-25
1.44E-25	1.07E-24	1.11E-24	1.34E-24	4.06E-25	6.20E-25	2.15E-25	3.60E-26	3.05E-25	3.94E-25	8.76E-25

3.17	4.05	1.07	8.74	6.62	9.25	6.68	0.43	5.49	0.49	8.8
8.67E-26	4.88E-26	1.37E-26	3.39E-25	1.10E-26	9.92E-26	2.11E-25	1.65E-25	1.53E-25	4.76E-25	1.45E-26
6829.25341	6845.58301	6852.95252	6857.00024	6860.7809	6868.1725	6871.50618	6876.80105	6879.01193	6879.30278	6881.41461
2.78E-25	1.64E-25	4.82E-26	1.16E-24	4.15E-26	3.53E-25	6.89E-25	5.88E-25	5.23E-25	1.70E-24	5.28E-26
2.79E-25	1.64E-25	4.82E-26	1.15E-24	4.17E-26	3.51E-25	6.93E-25	5.88E-25	5.22E-25	1.70E-24	5.26E-26
2.79E-25	1.64E-25	4.82E-26	1.15E-24	4.19E-26	3.49E-25	6.96E-25	5.89E-25	5.20E-25	1.70E-24	5.23E-26
2.80E-25	1.63E-25	4.82E-26	1.14E-24	4.21E-26	3.47E-25	6.99E-25	5.89E-25	5.19E-25	1.71E-24	5.20E-26
2.81E-25	1.63E-25	4.82E-26	1.13E-24	4.23E-26	3.45E-25	7.02E-25	5.89E-25	5.17E-25	1.71E-24	5.18E-26
2.81E-25	1.63E-25	4.82E-26	1.13E-24	4.25E-26	3.44E-25	7.06E-25	5.89E-25	5.16E-25	1.71E-24	5.15E-26
2.82E-25	1.62E-25	4.81E-26	1.12E-24	4.26E-26	3.42E-25	7.08E-25	5.89E-25	5.14E-25	1.71E-24	5.13E-26
2.82E-25	1.62E-25	4.81E-26	1.12E-24	4.28E-26	3.40E-25	7.11E-25	5.89E-25	5.13E-25	1.71E-24	5.10E-26
2.83E-25	1.62E-25	4.81E-26	1.11E-24	4.30E-26	3.38E-25	7.14E-25	5.89E-25	5.11E-25	1.71E-24	5.08E-26
2.83E-25	1.61E-25	4.81E-26	1.11E-24	4.31E-26	3.37E-25	7.17E-25	5.89E-25	5.10E-25	1.71E-24	5.05E-26
2.84E-25	1.61E-25	4.80E-26	1.10E-24	4.33E-26	3.35E-25	7.19E-25	5.89E-25	5.08E-25	1.71E-24	5.03E-26
2.84E-25	1.61E-25	4.80E-26	1.10E-24	4.34E-26	3.33E-25	7.22E-25	5.89E-25	5.07E-25	1.70E-24	5.00E-26
2.85E-25	1.60E-25	4.80E-26	1.09E-24	4.36E-26	3.31E-25	7.24E-25	5.89E-25	5.05E-25	1.70E-24	4.98E-26
2.85E-25	1.60E-25	4.79E-26	1.09E-24	4.37E-26	3.30E-25	7.26E-25	5.89E-25	5.04E-25	1.70E-24	4.95E-26
2.85E-25	1.59E-25	4.79E-26	1.08E-24	4.38E-26	3.28E-25	7.29E-25	5.88E-25	5.02E-25	1.70E-24	4.93E-26
2.86E-25	1.59E-25	4.79E-26	1.08E-24	4.40E-26	3.27E-25	7.31E-25	5.88E-25	5.01E-25	1.70E-24	4.91E-26
2.86E-25	1.59E-25	4.78E-26	1.07E-24	4.41E-26	3.25E-25	7.33E-25	5.88E-25	4.99E-25	1.70E-24	4.89E-26
2.86E-25	1.58E-25	4.78E-26	1.07E-24	4.42E-26	3.23E-25	7.35E-25	5.88E-25	4.97E-25	1.70E-24	4.86E-26
2.87E-25	1.58E-25	4.77E-26	1.06E-24	4.43E-26	3.22E-25	7.37E-25	5.87E-25	4.96E-25	1.70E-24	4.84E-26
2.87E-25	1.58E-25	4.77E-26	1.06E-24	4.44E-26	3.20E-25	7.39E-25	5.87E-25	4.94E-25	1.70E-24	4.82E-26

6.09	6.61	0.47	9.22	2.42	7.13	8.68	5.67	6.48	5.61	-200.17
7.26E-26	1.17E-26	2.34E-26	1.16E-25	1.13E-26	3.55E-26	3.21E-25	1.29E-25	1.83E-25	3.49E-25	1.03E-26
6883.11787	6890.53259	6895.03009	6903.62245	6913.4698	6915.50628	6916.05233	6919.349	6922.97044	6923.13615	6936.20568
2.46E-25	4.02E-26	7.71E-26	4.15E-25	3.84E-26	1.15E-25	1.15E-24	4.50E-25	6.40E-25	1.24E-24	-1.31E-25
2.47E-25	4.04E-26	7.72E-26	4.13E-25	3.85E-26	1.15E-25	1.14E-24	4.49E-25	6.37E-25	1.24E-24	-1.40E-25
2.49E-25	4.06E-26	7.73E-26	4.11E-25	3.86E-26	1.16E-25	1.13E-24	4.48E-25	6.35E-25	1.24E-24	-1.50E-25
2.50E-25	4.08E-26	7.73E-26	4.09E-25	3.87E-26	1.17E-25	1.13E-24	4.46E-25	6.33E-25	1.23E-24	-1.60E-25
2.51E-25	4.10E-26	7.74E-26	4.06E-25	3.87E-26	1.17E-25	1.12E-24	4.45E-25	6.31E-25	1.23E-24	-1.71E-25
2.52E-25	4.12E-26	7.74E-26	4.04E-25	3.88E-26	1.18E-25	1.12E-24	4.44E-25	6.29E-25	1.23E-24	-1.82E-25
2.53E-25	4.13E-26	7.74E-26	4.02E-25	3.89E-26	1.18E-25	1.11E-24	4.42E-25	6.26E-25	1.22E-24	-1.94E-25
2.54E-25	4.15E-26	7.75E-26	4.00E-25	3.89E-26	1.19E-25	1.11E-24	4.41E-25	6.24E-25	1.22E-24	-2.06E-25
2.54E-25	4.17E-26	7.75E-26	3.98E-25	3.90E-26	1.19E-25	1.10E-24	4.40E-25	6.22E-25	1.21E-24	-2.19E-25
2.55E-25	4.18E-26	7.75E-26	3.96E-25	3.90E-26	1.20E-25	1.10E-24	4.38E-25	6.20E-25	1.21E-24	-2.32E-25
2.56E-25	4.20E-26	7.75E-26	3.94E-25	3.91E-26	1.20E-25	1.09E-24	4.37E-25	6.18E-25	1.21E-24	-2.46E-25
2.57E-25	4.21E-26	7.75E-26	3.92E-25	3.91E-26	1.21E-25	1.09E-24	4.36E-25	6.15E-25	1.20E-24	-2.60E-25
2.58E-25	4.22E-26	7.75E-26	3.90E-25	3.92E-26	1.21E-25	1.08E-24	4.34E-25	6.13E-25	1.20E-24	-2.75E-25
2.58E-25	4.24E-26	7.75E-26	3.88E-25	3.92E-26	1.21E-25	1.08E-24	4.33E-25	6.11E-25	1.20E-24	-2.90E-25
2.59E-25	4.25E-26	7.75E-26	3.86E-25	3.92E-26	1.22E-25	1.07E-24	4.32E-25	6.09E-25	1.19E-24	-3.06E-25
2.60E-25	4.26E-26	7.75E-26	3.84E-25	3.93E-26	1.22E-25	1.07E-24	4.30E-25	6.07E-25	1.19E-24	-3.22E-25
2.60E-25	4.28E-26	7.74E-26	3.82E-25	3.93E-26	1.23E-25	1.06E-24	4.29E-25	6.05E-25	1.18E-24	-3.39E-25
2.61E-25	4.29E-26	7.74E-26	3.81E-25	3.93E-26	1.23E-25	1.06E-24	4.28E-25	6.02E-25	1.18E-24	-3.57E-25
2.62E-25	4.30E-26	7.74E-26	3.79E-25	3.93E-26	1.23E-25	1.05E-24	4.26E-25	6.00E-25	1.18E-24	-3.75E-25
2.62E-25	4.31E-26	7.73E-26	3.77E-25	3.94E-26	1.24E-25	1.05E-24	4.25E-25	5.98E-25	1.17E-24	-3.94E-25

0.62	1.07	4.14	0.51	0.57	0.55	6.49	6.2	2.55	5.55	6.07
2.02E-25	5.00E-25	1.36E-25	2.38E-26	2.45E-25	7.58E-26	4.44E-25	1.42E-25	4.03E-25	9.64E-26	2.54E-25
6940.10748	6940.74063	6941.96194	6946.40433	6948.79668	6953.16848	6956.8962	6957.15021	6966.70042	6970.70074	6979.47738
7.22E-25	1.76E-24	4.77E-25	8.18E-26	9.05E-25	2.71E-25	1.64E-24	5.03E-25	1.38E-24	3.48E-25	8.72E-25
7.23E-25	1.76E-24	4.76E-25	8.19E-26	9.06E-25	2.71E-25	1.65E-24	5.05E-25	1.39E-24	3.49E-25	8.76E-25
7.23E-25	1.76E-24	4.75E-25	8.19E-26	9.06E-25	2.71E-25	1.66E-24	5.08E-25	1.39E-24	3.51E-25	8.80E-25
7.23E-25	1.76E-24	4.74E-25	8.20E-26	9.06E-25	2.71E-25	1.67E-24	5.10E-25	1.39E-24	3.52E-25	8.84E-25
7.23E-25	1.76E-24	4.73E-25	8.20E-26	9.06E-25	2.71E-25	1.67E-24	5.12E-25	1.40E-24	3.53E-25	8.88E-25
7.23E-25	1.76E-24	4.72E-25	8.20E-26	9.06E-25	2.71E-25	1.68E-24	5.14E-25	1.40E-24	3.55E-25	8.91E-25
7.23E-25	1.76E-24	4.71E-25	8.20E-26	9.06E-25	2.71E-25	1.69E-24	5.16E-25	1.40E-24	3.56E-25	8.94E-25
7.23E-25	1.75E-24	4.70E-25	8.20E-26	9.06E-25	2.71E-25	1.70E-24	5.18E-25	1.40E-24	3.57E-25	8.98E-25
7.23E-25	1.75E-24	4.69E-25	8.20E-26	9.06E-25	2.71E-25	1.70E-24	5.20E-25	1.41E-24	3.58E-25	9.01E-25
7.23E-25	1.75E-24	4.68E-25	8.20E-26	9.06E-25	2.71E-25	1.71E-24	5.22E-25	1.41E-24	3.59E-25	9.04E-25
7.23E-25	1.75E-24	4.67E-25	8.20E-26	9.06E-25	2.71E-25	1.71E-24	5.24E-25	1.41E-24	3.60E-25	9.07E-25
7.22E-25	1.75E-24	4.66E-25	8.19E-26	9.05E-25	2.71E-25	1.72E-24	5.25E-25	1.41E-24	3.62E-25	9.10E-25
7.22E-25	1.75E-24	4.65E-25	8.19E-26	9.05E-25	2.71E-25	1.72E-24	5.27E-25	1.41E-24	3.62E-25	9.12E-25
7.22E-25	1.75E-24	4.64E-25	8.19E-26	9.05E-25	2.71E-25	1.73E-24	5.28E-25	1.41E-24	3.63E-25	9.15E-25
7.21E-25	1.75E-24	4.63E-25	8.18E-26	9.04E-25	2.71E-25	1.74E-24	5.30E-25	1.42E-24	3.64E-25	9.17E-25
7.21E-25	1.75E-24	4.62E-25	8.18E-26	9.04E-25	2.71E-25	1.74E-24	5.31E-25	1.42E-24	3.65E-25	9.20E-25
7.20E-25	1.74E-24	4.61E-25	8.17E-26	9.03E-25	2.70E-25	1.74E-24	5.33E-25	1.42E-24	3.66E-25	9.22E-25
7.20E-25	1.74E-24	4.59E-25	8.17E-26	9.02E-25	2.70E-25	1.75E-24	5.34E-25	1.42E-24	3.67E-25	9.24E-25
7.19E-25	1.74E-24	4.58E-25	8.16E-26	9.02E-25	2.70E-25	1.75E-24	5.35E-25	1.42E-24	3.68E-25	9.26E-25
7.19E-25	1.74E-24	4.57E-25	8.16E-26	9.01E-25	2.70E-25	1.76E-24	5.36E-25	1.42E-24	3.68E-25	9.28E-25

6

1.51E-26

6987.02967

5.34E-26

5.37E-26

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