

Vsweep	I (160 C)	I (180 C)	I (200 C)	I (215 C)	Esweep
0	-2.7E-14	-7.1E-14	-5.9E-14	3.01E-13	0
0.1	-2.7E-14	9.55E-14	-1.6E-15	1.94E-13	-1.6E-20
0.2	-6.2E-14	-3.7E-14	1.94E-13	1.89E-13	-3.2E-20
0.3	1.09E-13	2.98E-15	2.71E-13	3.34E-13	-4.8E-20
0.4	2.51E-14	-1.4E-13	2.53E-14	1.5E-13	-6.4E-20
0.5	2.77E-14	-5.7E-14	2.12E-13	1.42E-13	-8E-20
0.6	-1.7E-14	-7E-14	8.35E-14	4.18E-13	-9.6E-20
0.7	-1.1E-14	-6.3E-14	-1.1E-13	2.2E-13	-1.1E-19
0.8	-2.3E-14	-7.8E-14	2.78E-13	2.39E-13	-1.3E-19
0.9	-3.4E-14	-9.8E-14	-3.3E-14	-5.3E-13	-1.4E-19
1	-5.5E-15	-3.1E-13	2.04E-13	2.03E-13	-1.6E-19
1.1	-4.9E-14	-6.1E-14	1.59E-14	9.11E-14	-1.8E-19
1.2	-6.6E-14	-4.3E-14	-1.2E-13	3.1E-13	-1.9E-19
1.3	-6.2E-14	-7E-14	-8.1E-14	6.66E-14	-2.1E-19
1.4	-7E-14	-3.4E-14	3.57E-13	-1.5E-14	-2.2E-19
1.5	-1E-14	-4.5E-14	-1.1E-13	2.27E-13	-2.4E-19
1.6	-8.8E-14	-6.7E-14	-1.1E-13	4.75E-13	-2.6E-19
1.7	-5.9E-14	-3.6E-14	3.92E-14	5.21E-13	-2.7E-19
1.8	-7.9E-14	-6.9E-14	3.63E-13	3.57E-13	-2.9E-19
1.9	-9.2E-14	-3.8E-14	3.69E-13	3.03E-13	-3E-19
2	-1.4E-13	-6.7E-14	4.59E-13	4.08E-13	-3.2E-19
2.1	-2.1E-13	-5.3E-14	8.77E-14	5.42E-13	-3.4E-19
2.2	-2.3E-13	-1.2E-13	4.08E-13	2.83E-13	-3.5E-19
2.3	-3.2E-13	-1.7E-13	-7.8E-14	1.22E-13	-3.7E-19
2.4	-3.9E-13	-1.6E-13	1.97E-13	-6.3E-14	-3.8E-19
2.5	-5.8E-13	-2.1E-13	1.01E-12	2.13E-13	-4E-19
2.6	-7.2E-13	-3E-13	-1.7E-13	2.87E-13	-4.2E-19
2.7	-9.3E-13	-4E-13	5.14E-13	3.73E-13	-4.3E-19
2.8	-1.2E-12	-4.6E-13	6.74E-13	8.02E-14	-4.5E-19
2.9	-1.4E-12	-6E-13	4.44E-14	5.48E-13	-4.6E-19
3	-1.7E-12	-7.3E-13	3.71E-13	-4.8E-13	-4.8E-19
3.1	-2.2E-12	-9E-13	1.19E-12	7.7E-13	-5E-19
3.2	-2.6E-12	-1.1E-12	-5.6E-14	-4.2E-13	-5.1E-19
3.3	-3.2E-12	-1.3E-12	5.81E-13	7.61E-15	-5.3E-19
3.4	-3.8E-12	-1.5E-12	5.33E-14	-9.6E-14	-5.4E-19
3.5	-4.6E-12	-1.8E-12	-6.7E-13	8.48E-13	-5.6E-19
3.6	-5.5E-12	-2E-12	-8.6E-13	1.07E-12	-5.8E-19
3.7	-6.5E-12	-2.4E-12	-1.1E-12	-2.5E-12	-5.9E-19
3.8	-7.7E-12	-2.6E-12	-1.6E-12	-1.6E-12	-6.1E-19
3.9	-9.1E-12	-3.1E-12	-7.1E-13	-8.2E-13	-6.2E-19
4	-1.1E-11	-3.6E-12	-2.5E-12	-1.7E-12	-6.4E-19
4.1	-1.2E-11	-4.2E-12	-3.3E-12	-9.5E-13	-6.6E-19
4.2	-1.5E-11	-4.7E-12	-1.7E-12	-2.4E-12	-6.7E-19
4.3	-1.7E-11	-5.1E-12	-3.3E-12	-3.5E-12	-6.9E-19
4.4	-1.9E-11	-5.8E-12	-3.9E-12	-1.3E-12	-7E-19
4.5	-2.2E-11	-6.5E-12	-2.6E-12	-3.5E-12	-7.2E-19

4.6	-2.6E-11	-7.4E-12	-3.6E-12	-4E-12	-7.4E-19
4.7	-2.9E-11	-8.1E-12	-4.1E-12	-3.5E-12	-7.5E-19
4.8	-3.4E-11	-9.2E-12	-5E-12	-4.6E-12	-7.7E-19
4.9	-3.8E-11	-1E-11	-6.8E-12	-4.6E-12	-7.8E-19
5	-4.3E-11	-1.1E-11	-7.1E-12	-5.1E-12	-8E-19
5.1	-4.9E-11	-1.3E-11	-8.7E-12	-7.3E-12	-8.2E-19
5.2	-5.5E-11	-1.4E-11	-9.6E-12	-7.2E-12	-8.3E-19
5.3	-6.2E-11	-1.6E-11	-1.1E-11	-7.3E-12	-8.5E-19
5.4	-7E-11	-1.7E-11	-9.7E-12	-7.9E-12	-8.7E-19
5.5	-7.8E-11	-1.9E-11	-1.2E-11	-7.4E-12	-8.8E-19
5.6	-8.7E-11	-2.1E-11	-1.4E-11	-8.7E-12	-9E-19
5.7	-9.7E-11	-2.3E-11	-1.5E-11	-1E-11	-9.1E-19
5.8	-1.1E-10	-2.5E-11	-1.6E-11	-1.1E-11	-9.3E-19
5.9	-1.2E-10	-2.8E-11	-1.8E-11	-1.3E-11	-9.5E-19
6	-1.3E-10	-3E-11	-2E-11	-1.3E-11	-9.6E-19
6.1	-1.5E-10	-3.2E-11	-2.1E-11	-1.6E-11	-9.8E-19
6.2	-1.6E-10	-3.5E-11	-2.3E-11	-1.8E-11	-9.9E-19
6.3	-1.8E-10	-3.9E-11	-2.6E-11	-1.6E-11	-1E-18
6.4	-2E-10	-4.2E-11	-2.8E-11	-1.9E-11	-1E-18
6.5	-2.1E-10	-4.6E-11	-3E-11	-2.1E-11	-1E-18
6.6	-2.3E-10	-4.9E-11	-3.3E-11	-2.1E-11	-1.1E-18
6.7	-2.5E-10	-5.3E-11	-3.5E-11	-2.1E-11	-1.1E-18
6.8	-2.6E-10	-5.7E-11	-3.9E-11	-2.4E-11	-1.1E-18
6.9	-2.7E-10	-6.1E-11	-4.3E-11	-2.6E-11	-1.1E-18
7	-2.9E-10	-6.6E-11	-4.6E-11	-2.8E-11	-1.1E-18
7.1	-3E-10	-7.1E-11	-4.8E-11	-3E-11	-1.1E-18
7.2	-3.1E-10	-7.6E-11	-5.2E-11	-3.2E-11	-1.2E-18
7.3	-3.2E-10	-8.2E-11	-5.5E-11	-3.1E-11	-1.2E-18
7.4	-3.2E-10	-8.7E-11	-5.8E-11	-3.6E-11	-1.2E-18
7.5	-3.3E-10	-9.2E-11	-6.2E-11	-4E-11	-1.2E-18
7.6	-3.3E-10	-9.9E-11	-6.6E-11	-4E-11	-1.2E-18
7.7	-3.4E-10	-1E-10	-6.9E-11	-4.2E-11	-1.2E-18
7.8	-3.4E-10	-1.1E-10	-7.5E-11	-4.4E-11	-1.2E-18
7.9	-3.4E-10	-1.2E-10	-7.8E-11	-4.8E-11	-1.3E-18
8	-3.4E-10	-1.2E-10	-8.4E-11	-5.2E-11	-1.3E-18
8.1	-3.4E-10	-1.3E-10	-8.8E-11	-5.2E-11	-1.3E-18
8.2	-3.3E-10	-1.4E-10	-9.1E-11	-5.5E-11	-1.3E-18
8.3	-3.3E-10	-1.4E-10	-9.6E-11	-6E-11	-1.3E-18
8.4	-3.3E-10	-1.5E-10	-1E-10	-6.4E-11	-1.3E-18
8.5	-3.3E-10	-1.6E-10	-1.1E-10	-6.7E-11	-1.4E-18
8.6	-3.3E-10	-1.6E-10	-1.1E-10	-6.9E-11	-1.4E-18
8.7	-3.3E-10	-1.7E-10	-1.2E-10	-7.4E-11	-1.4E-18
8.8	-3.3E-10	-1.7E-10	-1.2E-10	-7.6E-11	-1.4E-18
8.9	-3.4E-10	-1.8E-10	-1.3E-10	-8.1E-11	-1.4E-18
9	-3.4E-10	-1.9E-10	-1.3E-10	-8.5E-11	-1.4E-18
9.1	-3.5E-10	-1.9E-10	-1.3E-10	-8.7E-11	-1.5E-18
9.2	-3.6E-10	-2E-10	-1.4E-10	-9.3E-11	-1.5E-18

9.3	-3.8E-10	-2.1E-10	-1.4E-10	-9.7E-11	-1.5E-18
9.4	-3.9E-10	-2.1E-10	-1.5E-10	-9.9E-11	-1.5E-18
9.5	-4.1E-10	-2.2E-10	-1.5E-10	-1E-10	-1.5E-18
9.6	-4.3E-10	-2.3E-10	-1.6E-10	-1E-10	-1.5E-18
9.7	-4.6E-10	-2.3E-10	-1.6E-10	-1.1E-10	-1.6E-18
9.8	-4.9E-10	-2.4E-10	-1.6E-10	-1.2E-10	-1.6E-18
9.9	-5.2E-10	-2.5E-10	-1.7E-10	-1.2E-10	-1.6E-18
10	-5.6E-10	-2.5E-10	-1.8E-10	-1.2E-10	-1.6E-18
10.1	-6E-10	-2.6E-10	-1.8E-10	-1.3E-10	-1.6E-18
10.2	-6.4E-10	-2.7E-10	-1.9E-10	-1.3E-10	-1.6E-18
10.3	-6.9E-10	-2.8E-10	-1.9E-10	-1.3E-10	-1.7E-18
10.4	-7.4E-10	-2.9E-10	-1.9E-10	-1.4E-10	-1.7E-18
10.5	-8E-10	-3E-10	-2E-10	-1.5E-10	-1.7E-18
10.6	-8.5E-10	-3.1E-10	-2E-10	-1.5E-10	-1.7E-18
10.7	-9.1E-10	-3.2E-10	-2.1E-10	-1.5E-10	-1.7E-18
10.8	-9.8E-10	-3.3E-10	-2.1E-10	-1.6E-10	-1.7E-18
10.9	-1E-09	-3.5E-10	-2.2E-10	-1.6E-10	-1.7E-18
11	-1.1E-09	-3.6E-10	-2.3E-10	-1.7E-10	-1.8E-18
11.1	-1.2E-09	-3.8E-10	-2.3E-10	-1.8E-10	-1.8E-18
11.2	-1.3E-09	-3.9E-10	-2.4E-10	-1.8E-10	-1.8E-18
11.3	-1.4E-09	-4.1E-10	-2.5E-10	-1.8E-10	-1.8E-18
11.4	-1.4E-09	-4.3E-10	-2.6E-10	-1.9E-10	-1.8E-18
11.5	-1.5E-09	-4.5E-10	-2.7E-10	-1.9E-10	-1.8E-18
11.6	-1.6E-09	-4.7E-10	-2.8E-10	-2E-10	-1.9E-18
11.7	-1.7E-09	-4.9E-10	-2.9E-10	-2E-10	-1.9E-18
11.8	-1.7E-09	-5.1E-10	-3E-10	-2.1E-10	-1.9E-18
11.9	-1.8E-09	-5.3E-10	-3.1E-10	-2.2E-10	-1.9E-18
12	-1.8E-09	-5.6E-10	-3.3E-10	-2.2E-10	-1.9E-18
12.1	-1.8E-09	-5.8E-10	-3.4E-10	-2.3E-10	-1.9E-18
12.2	-1.8E-09	-6E-10	-3.5E-10	-2.4E-10	-2E-18
12.3	-1.8E-09	-6.2E-10	-3.6E-10	-2.4E-10	-2E-18
12.4	-1.8E-09	-6.4E-10	-3.7E-10	-2.5E-10	-2E-18
12.5	-1.8E-09	-6.6E-10	-3.9E-10	-2.6E-10	-2E-18
12.6	-1.8E-09	-6.8E-10	-4E-10	-2.6E-10	-2E-18
12.7	-1.7E-09	-7E-10	-4.1E-10	-2.7E-10	-2E-18
12.8	-1.7E-09	-7.2E-10	-4.3E-10	-2.7E-10	-2.1E-18
12.9	-1.6E-09	-7.3E-10	-4.4E-10	-2.8E-10	-2.1E-18
13	-1.6E-09	-7.5E-10	-4.5E-10	-2.9E-10	-2.1E-18
13.1	-1.5E-09	-7.7E-10	-4.6E-10	-3E-10	-2.1E-18
13.2	-1.5E-09	-7.8E-10	-4.6E-10	-3E-10	-2.1E-18
13.3	-1.4E-09	-7.9E-10	-4.8E-10	-3.1E-10	-2.1E-18
13.4	-1.4E-09	-8E-10	-4.8E-10	-3.2E-10	-2.1E-18
13.5	-1.4E-09	-8.1E-10	-4.9E-10	-3.2E-10	-2.2E-18
13.6	-1.3E-09	-8.1E-10	-4.9E-10	-3.3E-10	-2.2E-18
13.7	-1.3E-09	-8.2E-10	-5E-10	-3.4E-10	-2.2E-18
13.8	-1.3E-09	-8.2E-10	-5.1E-10	-3.5E-10	-2.2E-18
13.9	-1.3E-09	-8.3E-10	-5.2E-10	-3.5E-10	-2.2E-18

14	-1.3E-09	-8.4E-10	-5.2E-10	-3.6E-10	-2.2E-18
14.1	-1.3E-09	-8.4E-10	-5.3E-10	-3.7E-10	-2.3E-18
14.2	-1.4E-09	-8.4E-10	-5.3E-10	-3.7E-10	-2.3E-18
14.3	-1.4E-09	-8.5E-10	-5.4E-10	-3.8E-10	-2.3E-18
14.4	-1.5E-09	-8.6E-10	-5.5E-10	-3.8E-10	-2.3E-18
14.5	-1.5E-09	-8.7E-10	-5.5E-10	-3.9E-10	-2.3E-18
14.6	-1.6E-09	-8.7E-10	-5.6E-10	-4E-10	-2.3E-18
14.7	-1.7E-09	-8.8E-10	-5.7E-10	-4.1E-10	-2.4E-18
14.8	-1.8E-09	-8.9E-10	-5.7E-10	-4.1E-10	-2.4E-18
14.9	-1.9E-09	-9E-10	-5.8E-10	-4.2E-10	-2.4E-18
15	-2E-09	-9.2E-10	-5.9E-10	-4.2E-10	-2.4E-18
15.1	-2.2E-09	-9.3E-10	-6E-10	-4.3E-10	-2.4E-18
15.2	-2.3E-09	-9.5E-10	-6.1E-10	-4.4E-10	-2.4E-18
15.3	-2.5E-09	-9.8E-10	-6.2E-10	-4.5E-10	-2.5E-18
15.4	-2.7E-09	-1E-09	-6.4E-10	-4.5E-10	-2.5E-18
15.5	-2.8E-09	-1E-09	-6.5E-10	-4.6E-10	-2.5E-18
15.6	-3E-09	-1.1E-09	-6.6E-10	-4.7E-10	-2.5E-18
15.7	-3.3E-09	-1.1E-09	-6.8E-10	-4.8E-10	-2.5E-18
15.8	-3.5E-09	-1.1E-09	-7.1E-10	-4.8E-10	-2.5E-18
15.9	-3.7E-09	-1.2E-09	-7.3E-10	-4.9E-10	-2.5E-18
16	-3.9E-09	-1.2E-09	-7.5E-10	-5E-10	-2.6E-18
16.1	-4.2E-09	-1.3E-09	-7.7E-10	-5.1E-10	-2.6E-18
16.2	-4.4E-09	-1.3E-09	-7.9E-10	-5.2E-10	-2.6E-18
16.3	-4.6E-09	-1.4E-09	-8.1E-10	-5.3E-10	-2.6E-18
16.4	-4.8E-09	-1.5E-09	-8.3E-10	-5.3E-10	-2.6E-18
16.5	-5E-09	-1.5E-09	-8.6E-10	-5.4E-10	-2.6E-18
16.6	-5.2E-09	-1.6E-09	-8.9E-10	-5.6E-10	-2.7E-18
16.7	-5.4E-09	-1.7E-09	-9.2E-10	-5.6E-10	-2.7E-18
16.8	-5.5E-09	-1.7E-09	-9.5E-10	-5.8E-10	-2.7E-18
16.9	-5.6E-09	-1.8E-09	-9.7E-10	-6E-10	-2.7E-18
17	-5.7E-09	-1.9E-09	-9.9E-10	-6E-10	-2.7E-18
17.1	-5.7E-09	-1.9E-09	-1E-09	-6.2E-10	-2.7E-18
17.2	-5.7E-09	-2E-09	-1E-09	-6.3E-10	-2.8E-18
17.3	-5.6E-09	-2.1E-09	-1.1E-09	-6.4E-10	-2.8E-18
17.4	-5.5E-09	-2.1E-09	-1.1E-09	-6.5E-10	-2.8E-18
17.5	-5.3E-09	-2.1E-09	-1.1E-09	-6.6E-10	-2.8E-18
17.6	-5.2E-09	-2.2E-09	-1.1E-09	-6.8E-10	-2.8E-18
17.7	-5E-09	-2.2E-09	-1.1E-09	-7E-10	-2.8E-18
17.8	-4.7E-09	-2.2E-09	-1.1E-09	-7.1E-10	-2.9E-18
17.9	-4.5E-09	-2.2E-09	-1.1E-09	-7.2E-10	-2.9E-18
18	-4.3E-09	-2.2E-09	-1.1E-09	-7.3E-10	-2.9E-18
18.1	-4E-09	-2.2E-09	-1.2E-09	-7.4E-10	-2.9E-18
18.2	-3.8E-09	-2.2E-09	-1.1E-09	-7.6E-10	-2.9E-18
18.3	-3.6E-09	-2.2E-09	-1.2E-09	-7.7E-10	-2.9E-18
18.4	-3.5E-09	-2.1E-09	-1.1E-09	-7.9E-10	-2.9E-18
18.5	-3.3E-09	-2.1E-09	-1.1E-09	-7.9E-10	-3E-18
18.6	-3.2E-09	-2.1E-09	-1.1E-09	-8.1E-10	-3E-18

18.7	-3.1E-09	-2.1E-09	-1.1E-09	-8.2E-10	-3E-18
18.8	-3.1E-09	-2E-09	-1.1E-09	-8.3E-10	-3E-18
18.9	-3.1E-09	-2E-09	-1.1E-09	-8.3E-10	-3E-18
19	-3.1E-09	-2E-09	-1.1E-09	-8.5E-10	-3E-18
19.1	-3.1E-09	-2E-09	-1.2E-09	-8.5E-10	-3.1E-18
19.2	-3.2E-09	-1.9E-09	-1.1E-09	-8.6E-10	-3.1E-18
19.3	-3.3E-09	-1.9E-09	-1.1E-09	-8.6E-10	-3.1E-18
19.4	-3.4E-09	-1.9E-09	-1.2E-09	-8.7E-10	-3.1E-18
19.5	-3.6E-09	-1.9E-09	-1.2E-09	-8.7E-10	-3.1E-18
19.6	-3.8E-09	-2E-09	-1.2E-09	-8.9E-10	-3.1E-18
19.7	-4E-09	-2E-09	-1.2E-09	-8.9E-10	-3.2E-18
19.8	-4.2E-09	-2E-09	-1.2E-09	-9E-10	-3.2E-18
19.9	-4.5E-09	-2E-09	-1.2E-09	-9.1E-10	-3.2E-18
20	-4.8E-09	-2.1E-09	-1.2E-09	-9.1E-10	-3.2E-18
20.1	-5.1E-09	-2.1E-09	-1.2E-09	-9.2E-10	-3.2E-18
20.2	-5.5E-09	-2.2E-09	-1.3E-09	-9.3E-10	-3.2E-18
20.3	-5.8E-09	-2.3E-09	-1.3E-09	-9.5E-10	-3.3E-18
20.4	-6.3E-09	-2.4E-09	-1.3E-09	-9.5E-10	-3.3E-18
20.5	-6.7E-09	-2.5E-09	-1.4E-09	-9.6E-10	-3.3E-18
20.6	-7.2E-09	-2.6E-09	-1.4E-09	-9.8E-10	-3.3E-18
20.7	-7.7E-09	-2.7E-09	-1.5E-09	-9.9E-10	-3.3E-18
20.8	-8.2E-09	-2.8E-09	-1.5E-09	-9.9E-10	-3.3E-18
20.9	-8.7E-09	-2.9E-09	-1.6E-09	-1E-09	-3.3E-18
21	-9.2E-09	-3.1E-09	-1.6E-09	-1E-09	-3.4E-18
21.1	-9.8E-09	-3.2E-09	-1.7E-09	-1E-09	-3.4E-18
21.2	-1E-08	-3.4E-09	-1.7E-09	-1.1E-09	-3.4E-18
21.3	-1.1E-08	-3.5E-09	-1.8E-09	-1.1E-09	-3.4E-18
21.4	-1.2E-08	-3.7E-09	-1.9E-09	-1.1E-09	-3.4E-18
21.5	-1.2E-08	-3.9E-09	-1.9E-09	-1.1E-09	-3.4E-18
21.6	-1.3E-08	-4E-09	-2E-09	-1.1E-09	-3.5E-18
21.7	-1.3E-08	-4.2E-09	-2E-09	-1.2E-09	-3.5E-18
21.8	-1.4E-08	-4.3E-09	-2.1E-09	-1.2E-09	-3.5E-18
21.9	-1.4E-08	-4.5E-09	-2.1E-09	-1.2E-09	-3.5E-18
22	-1.4E-08	-4.6E-09	-2.2E-09	-1.2E-09	-3.5E-18
22.1	-1.5E-08	-4.7E-09	-2.2E-09	-1.2E-09	-3.5E-18
22.2	-1.5E-08	-4.8E-09	-2.3E-09	-1.3E-09	-3.6E-18
22.3	-1.4E-08	-4.9E-09	-2.3E-09	-1.3E-09	-3.6E-18
22.4	-1.4E-08	-4.9E-09	-2.3E-09	-1.3E-09	-3.6E-18
22.5	-1.4E-08	-4.9E-09	-2.3E-09	-1.3E-09	-3.6E-18
22.6	-1.3E-08	-4.9E-09	-2.3E-09	-1.4E-09	-3.6E-18
22.7	-1.3E-08	-4.9E-09	-2.3E-09	-1.4E-09	-3.6E-18
22.8	-1.2E-08	-4.8E-09	-2.3E-09	-1.4E-09	-3.7E-18
22.9	-9.6E-09	-4.7E-09	-2.3E-09	-1.4E-09	-3.7E-18
23	-9.4E-09	-4.6E-09	-2.3E-09	-1.4E-09	-3.7E-18
23.1	-9.1E-09	-4.5E-09	-2.3E-09	-1.5E-09	-3.7E-18
23.2	-8.7E-09	-4.4E-09	-2.2E-09	-1.5E-09	-3.7E-18
23.3	-8.2E-09	-4.2E-09	-2.2E-09	-1.5E-09	-3.7E-18

23.4	-7.8E-09	-4.1E-09	-2.2E-09	-1.5E-09	-3.7E-18
23.5	-7.4E-09	-4E-09	-2.2E-09	-1.5E-09	-3.8E-18
23.6	-7.1E-09	-3.9E-09	-2.1E-09	-1.5E-09	-3.8E-18
23.7	-6.8E-09	-3.8E-09	-2.1E-09	-1.5E-09	-3.8E-18
23.8	-6.6E-09	-3.7E-09	-2.1E-09	-1.5E-09	-3.8E-18
23.9	-6.5E-09	-3.6E-09	-2.1E-09	-1.5E-09	-3.8E-18
24	-6.5E-09	-3.6E-09	-2E-09	-1.5E-09	-3.8E-18
24.1	-6.5E-09	-3.5E-09	-2E-09	-1.5E-09	-3.9E-18
24.2	-6.6E-09	-3.5E-09	-2E-09	-1.3E-09	-3.9E-18
24.3	-6.7E-09	-3.5E-09	-2E-09	-1.5E-09	-3.9E-18
24.4	-6.9E-09	-3.5E-09	-2E-09	-1.5E-09	-3.9E-18
24.5	-7.1E-09	-3.5E-09	-2E-09	-1.5E-09	-3.9E-18
24.6	-7.4E-09	-3.6E-09	-2.1E-09	-1.5E-09	-3.9E-18
24.7	-7.7E-09	-3.6E-09	-2.1E-09	-1.5E-09	-4E-18
24.8	-8.1E-09	-3.7E-09	-2.1E-09	-1.5E-09	-4E-18
24.9	-8.6E-09	-3.8E-09	-2.1E-09	-1.5E-09	-4E-18
25	-9.1E-09	-3.9E-09	-2.2E-09	-1.5E-09	-4E-18
25.1	-9.6E-09	-4.1E-09	-2.2E-09	-1.5E-09	-4E-18
25.2	-1E-08	-4.2E-09	-2.3E-09	-1.5E-09	-4E-18
25.3	-1.1E-08	-4.4E-09	-2.3E-09	-1.5E-09	-4.1E-18
25.4	-1.1E-08	-4.6E-09	-2.4E-09	-1.5E-09	-4.1E-18
25.5	-1.2E-08	-4.8E-09	-2.4E-09	-1.5E-09	-4.1E-18
25.6	-1.3E-08	-5E-09	-2.5E-09	-1.5E-09	-4.1E-18
25.7	-1.4E-08	-5.2E-09	-2.6E-09	-1.6E-09	-4.1E-18
25.8	-1.4E-08	-5.5E-09	-2.7E-09	-1.6E-09	-4.1E-18
25.9	-1.5E-08	-5.7E-09	-2.7E-09	-1.6E-09	-4.1E-18
26	-1.6E-08	-6E-09	-2.8E-09	-1.6E-09	-4.2E-18
26.1	-1.7E-08	-6.2E-09	-2.9E-09	-1.6E-09	-4.2E-18
26.2	-1.8E-08	-6.5E-09	-3E-09	-1.6E-09	-4.2E-18
26.3	-1.9E-08	-6.8E-09	-3.1E-09	-1.7E-09	-4.2E-18
26.4	-2E-08	-7.1E-09	-3.2E-09	-1.7E-09	-4.2E-18
26.5	-2.1E-08	-7.4E-09	-3.2E-09	-1.7E-09	-4.2E-18
26.6	-2.2E-08	-7.7E-09	-3.3E-09	-1.7E-09	-4.3E-18
26.7	-2.3E-08	-7.9E-09	-3.4E-09	-1.8E-09	-4.3E-18
26.8	-2.4E-08	-8.2E-09	-3.4E-09	-1.8E-09	-4.3E-18
26.9	-2.5E-08	-8.4E-09	-3.5E-09	-1.8E-09	-4.3E-18
27	-2.5E-08	-8.6E-09	-3.6E-09	-1.9E-09	-4.3E-18
27.1	-2.6E-08	-8.8E-09	-3.6E-09	-1.9E-09	-4.3E-18
27.2	-2.6E-08	-8.9E-09	-3.6E-09	-1.9E-09	-4.4E-18
27.3	-2.6E-08	-8.9E-09	-3.7E-09	-2E-09	-4.4E-18
27.4	-2.6E-08	-8.9E-09	-3.7E-09	-2E-09	-4.4E-18
27.5	-2.6E-08	-8.8E-09	-3.7E-09	-2E-09	-4.4E-18
27.6	-2.5E-08	-8.7E-09	-3.7E-09	-2.1E-09	-4.4E-18
27.7	-2.4E-08	-8.5E-09	-3.6E-09	-2.1E-09	-4.4E-18
27.8	-2.4E-08	-8.3E-09	-3.6E-09	-2.1E-09	-4.5E-18
27.9	-2.3E-08	-8.1E-09	-3.6E-09	-2.2E-09	-4.5E-18
28	-2.2E-08	-7.9E-09	-3.5E-09	-2.2E-09	-4.5E-18

28.1	-2.1E-08	-7.6E-09	-3.5E-09	-2.2E-09	-4.5E-18
28.2	-2E-08	-7.3E-09	-3.4E-09	-2.2E-09	-4.5E-18
28.3	-1.9E-08	-7.1E-09	-3.4E-09	-2.2E-09	-4.5E-18
28.4	-1.8E-08	-6.8E-09	-3.3E-09	-2.2E-09	-4.5E-18
28.5	-1.7E-08	-6.6E-09	-3.2E-09	-2.3E-09	-4.6E-18
28.6	-1.6E-08	-6.4E-09	-3.1E-09	-2.3E-09	-4.6E-18
28.7	-1.5E-08	-6.2E-09	-3.1E-09	-2.3E-09	-4.6E-18
28.8	-1.5E-08	-6.1E-09	-3.1E-09	-2.3E-09	-4.6E-18
28.9	-1.4E-08	-6E-09	-3.1E-09	-2.3E-09	-4.6E-18
29	-1.4E-08	-5.9E-09	-3E-09	-2.3E-09	-4.6E-18
29.1	-1.4E-08	-5.9E-09	-3.1E-09	-2.3E-09	-4.7E-18
29.2	-1.4E-08	-5.8E-09	-3.1E-09	-2.3E-09	-4.7E-18
29.3	-1.4E-08	-5.9E-09	-3.1E-09	-2.3E-09	-4.7E-18
29.4	-1.4E-08	-6E-09	-3.1E-09	-2.3E-09	-4.7E-18
29.5	-1.4E-08	-6E-09	-3.2E-09	-2.3E-09	-4.7E-18
29.6	-1.5E-08	-6.2E-09	-3.2E-09	-2.3E-09	-4.7E-18
29.7	-1.5E-08	-6.4E-09	-3.3E-09	-2.3E-09	-4.8E-18
29.8	-1.6E-08	-6.6E-09	-3.4E-09	-2.3E-09	-4.8E-18
29.9	-1.6E-08	-6.8E-09	-3.4E-09	-2.3E-09	-4.8E-18
30	-1.7E-08	-7E-09	-3.5E-09	-2.3E-09	-4.8E-18
30.1	-1.8E-08	-7.3E-09	-3.7E-09	-2.4E-09	-4.8E-18
30.2	-1.9E-08	-7.6E-09	-3.7E-09	-2.4E-09	-4.8E-18
30.3	-2E-08	-7.9E-09	-3.9E-09	-2.4E-09	-4.9E-18
30.4	-2.1E-08	-8.2E-09	-4E-09	-2.4E-09	-4.9E-18
30.5	-2.2E-08	-8.5E-09	-4.1E-09	-2.4E-09	-4.9E-18
30.6	-2.3E-08	-8.8E-09	-4.3E-09	-2.5E-09	-4.9E-18
30.7	-2.5E-08	-9.2E-09	-4.4E-09	-2.5E-09	-4.9E-18
30.8	-2.6E-08	-9.5E-09	-4.5E-09	-2.5E-09	-4.9E-18
30.9	-2.7E-08	-9.9E-09	-4.7E-09	-2.5E-09	-5E-18
31	-2.9E-08	-1E-08	-4.9E-09	-2.6E-09	-5E-18
31.1	-3E-08	-1.1E-08	-5E-09	-2.6E-09	-5E-18
31.2	-3.2E-08	-1.1E-08	-5.2E-09	-2.7E-09	-5E-18
31.3	-3.4E-08	-1.2E-08	-5.3E-09	-2.7E-09	-5E-18
31.4	-3.6E-08	-1.2E-08	-5.4E-09	-2.8E-09	-5E-18
31.5	-3.8E-08	-1.2E-08	-5.5E-09	-2.8E-09	-5E-18
31.6	-4E-08	-1.3E-08	-5.7E-09	-2.9E-09	-5.1E-18
31.7	-4.2E-08	-1.3E-08	-5.7E-09	-2.9E-09	-5.1E-18
31.8	-4.3E-08	-1.3E-08	-5.8E-09	-3E-09	-5.1E-18
31.9	-4.5E-08	-1.4E-08	-5.9E-09	-3.1E-09	-5.1E-18
32	-4.7E-08	-1.4E-08	-6E-09	-3.1E-09	-5.1E-18
32.1	-4.8E-08	-1.4E-08	-6E-09	-3.1E-09	-5.1E-18
32.2	-4.9E-08	-1.4E-08	-5.9E-09	-3.2E-09	-5.2E-18
32.3	-4.9E-08	-1.4E-08	-5.9E-09	-3.3E-09	-5.2E-18
32.4	-5E-08	-1.4E-08	-5.9E-09	-3.3E-09	-5.2E-18
32.5	-5E-08	-1.4E-08	-5.8E-09	-3.3E-09	-5.2E-18
32.6	-4.9E-08	-1.4E-08	-5.7E-09	-3.4E-09	-5.2E-18
32.7	-4.9E-08	-1.3E-08	-5.6E-09	-3.4E-09	-5.2E-18

32.8	-4.8E-08	-1.3E-08	-5.5E-09	-3.5E-09	-5.3E-18
32.9	-4.6E-08	-1.3E-08	-5.4E-09	-3.5E-09	-5.3E-18
33	-4.5E-08	-1.2E-08	-5.2E-09	-3.5E-09	-5.3E-18
33.1	-4.4E-08	-1.2E-08	-5.1E-09	-3.5E-09	-5.3E-18
33.2	-4.3E-08	-1.1E-08	-5E-09	-3.5E-09	-5.3E-18
33.3	-4.1E-08	-1.1E-08	-4.9E-09	-3.6E-09	-5.3E-18
33.4	-4E-08	-1.1E-08	-4.7E-09	-3.5E-09	-5.4E-18
33.5	-3.8E-08	-1E-08	-4.7E-09	-3.6E-09	-5.4E-18
33.6	-3.7E-08	-9.9E-09	-4.6E-09	-3.5E-09	-5.4E-18
33.7	-3.6E-08	-9.7E-09	-4.5E-09	-3.5E-09	-5.4E-18
33.8	-3.5E-08	-9.5E-09	-4.5E-09	-3.5E-09	-5.4E-18
33.9	-3.4E-08	-9.3E-09	-4.4E-09	-3.5E-09	-5.4E-18
34	-3.3E-08	-9.2E-09	-4.4E-09	-3.5E-09	-5.4E-18
34.1	-3.2E-08	-9.2E-09	-4.4E-09	-3.5E-09	-5.5E-18
34.2	-3.2E-08	-9.2E-09	-4.5E-09	-3.5E-09	-5.5E-18
34.3	-3.2E-08	-9.3E-09	-4.5E-09	-3.5E-09	-5.5E-18
34.4	-3.2E-08	-9.4E-09	-4.6E-09	-3.5E-09	-5.5E-18
34.5	-3.2E-08	-9.6E-09	-4.7E-09	-3.5E-09	-5.5E-18
34.6	-3.2E-08	-9.8E-09	-4.8E-09	-3.5E-09	-5.5E-18
34.7	-3.3E-08	-1E-08	-4.9E-09	-3.5E-09	-5.6E-18
34.8	-3.4E-08	-1E-08	-5E-09	-3.5E-09	-5.6E-18
34.9	-3.5E-08	-1.1E-08	-5.2E-09	-3.5E-09	-5.6E-18
35	-3.6E-08	-1.1E-08	-5.4E-09	-3.5E-09	-5.6E-18
35.1	-3.8E-08	-1.2E-08	-5.5E-09	-3.5E-09	-5.6E-18
35.2	-3.9E-08	-1.2E-08	-5.7E-09	-3.6E-09	-5.6E-18
35.3	-4.1E-08	-1.3E-08	-5.5E-09	-3.6E-09	-5.7E-18
35.4	-4.3E-08	-1.3E-08	-5.8E-09	-3.7E-09	-5.7E-18
35.5	-4.5E-08	-1.4E-08	-5.9E-09	-3.7E-09	-5.7E-18
35.6	-4.7E-08	-1.4E-08	-6E-09	-3.8E-09	-5.7E-18
35.7	-5E-08	-1.5E-08	-6.3E-09	-3.9E-09	-5.7E-18
35.8	-5.2E-08	-1.6E-08	-6.4E-09	-3.9E-09	-5.7E-18
35.9	-5.5E-08	-1.6E-08	-6.6E-09	-4E-09	-5.8E-18
36	-5.8E-08	-1.7E-08	-6.8E-09	-4.1E-09	-5.8E-18
36.1	-6.2E-08	-1.8E-08	-7E-09	-4.2E-09	-5.8E-18
36.2	-6.6E-08	-1.9E-08	-7.2E-09	-4.3E-09	-5.8E-18
36.3	-7E-08	-1.9E-08	-7.4E-09	-4.4E-09	-5.8E-18
36.4	-7.4E-08	-2E-08	-7.6E-09	-4.5E-09	-5.8E-18
36.5	-7.9E-08	-2.1E-08	-7.7E-09	-4.6E-09	-5.8E-18
36.6	-8.3E-08	-2.1E-08	-7.9E-09	-4.7E-09	-5.9E-18
36.7	-8.9E-08	-2.2E-08	-7.9E-09	-4.8E-09	-5.9E-18
36.8	-9.4E-08	-2.2E-08	-8E-09	-4.9E-09	-5.9E-18
36.9	-9.9E-08	-2.3E-08	-8.1E-09	-5E-09	-5.9E-18
37	-1E-07	-2.3E-08	-8.1E-09	-5.1E-09	-5.9E-18
37.1	-1.1E-07	-2.3E-08	-8.1E-09	-5.2E-09	-5.9E-18
37.2	-1.1E-07	-2.3E-08	-8.1E-09	-5.3E-09	-6E-18
37.3	-1.2E-07	-2.3E-08	-8E-09	-5.3E-09	-6E-18
37.4	-1.2E-07	-2.2E-08	-7.9E-09	-5.4E-09	-6E-18

37.5	-1.3E-07	-2.2E-08	-7.7E-09	-5.4E-09	-6E-18
37.6	-1.3E-07	-2.1E-08	-7.7E-09	-5.4E-09	-6E-18
37.7	-1.3E-07	-2E-08	-7.5E-09	-5.5E-09	-6E-18
37.8	-1.3E-07	-2E-08	-7.3E-09	-5.5E-09	-6.1E-18
37.9	-1.3E-07	-1.9E-08	-7.1E-09	-5.4E-09	-6.1E-18
38	-1.3E-07	-1.8E-08	-6.9E-09	-5.5E-09	-6.1E-18
38.1	-1.3E-07	-1.7E-08	-6.8E-09	-5.4E-09	-6.1E-18
38.2	-1.3E-07	-1.7E-08	-6.6E-09	-5.4E-09	-6.1E-18
38.3	-1.3E-07	-1.6E-08	-6.5E-09	-5.4E-09	-6.1E-18
38.4	-1.3E-07	-1.5E-08	-6.3E-09	-5.4E-09	-6.2E-18
38.5	-1.3E-07	-1.5E-08	-6.3E-09	-5.3E-09	-6.2E-18
38.6	-1.2E-07	-1.4E-08	-6.2E-09	-5.2E-09	-6.2E-18
38.7	-1.2E-07	-1.4E-08	-6.2E-09	-5.3E-09	-6.2E-18
38.8	-1.2E-07	-1.4E-08	-6.1E-09	-5.3E-09	-6.2E-18
38.9	-1.2E-07	-1.3E-08	-6E-09	-5.2E-09	-6.2E-18
39	-1.1E-07	-1.3E-08	-6.1E-09	-5.2E-09	-6.2E-18
39.1	-1.1E-07	-1.3E-08	-6.1E-09	-5.2E-09	-6.3E-18
39.2	-1.1E-07	-1.3E-08	-6.2E-09	-5.1E-09	-6.3E-18
39.3	-1.1E-07	-1.3E-08	-6.2E-09	-5.1E-09	-6.3E-18
39.4	-1.1E-07	-1.3E-08	-6.3E-09	-5.1E-09	-6.3E-18
39.5	-1.1E-07	-1.4E-08	-6.4E-09	-5.1E-09	-6.3E-18
39.6	-1.1E-07	-1.4E-08	-6.5E-09	-5.1E-09	-6.3E-18
39.7	-1.1E-07	-1.4E-08	-6.7E-09	-5.2E-09	-6.4E-18
39.8	-1.1E-07	-1.5E-08	-6.9E-09	-5.3E-09	-6.4E-18
39.9	-1.1E-07	-1.5E-08	-7.1E-09	-5.3E-09	-6.4E-18
40	-1.1E-07	-1.6E-08	-7.3E-09	-5.3E-09	-6.4E-18