

```

1 /Users/sandrik1742/.conda/envs/FEBID/bin/python "/Applications/PyCharm CE.app/Content
2 Connected to pydev debugger (build 203.7148.72)
3 Start iterations with time increment dt = 0.000000
4 0%|          | 1/100000 [00:03<92:57:17, 3.35s/it]t = 1e-11 T_mon = 293.001 dT/
5 0%|          | 101/100000 [00:05<41:55, 39.71it/s]t = 1.01e-09 T_mon = 293.056 d
6 0%|          | 199/100000 [00:08<40:07, 41.45it/s]t = 2.01e-09 T_mon = 293.108 d
7 0%|          | 299/100000 [00:10<39:44, 41.82it/s]t = 3.01e-09 T_mon = 293.157 d
8 0%|          | 399/100000 [00:12<38:47, 42.79it/s]t = 4.01e-09 T_mon = 293.202 d
9 0%|          | 499/100000 [00:15<39:17, 42.21it/s]t = 5.01e-09 T_mon = 293.246 d
10 1%|         | 599/100000 [00:17<39:54, 41.51it/s]t = 6.01e-09 T_mon = 293.287 d
11 1%|         | 699/100000 [00:20<38:48, 42.64it/s]t = 7.01e-09 T_mon = 293.327 d
12 1%|         | 799/100000 [00:22<38:20, 43.13it/s]t = 8.01e-09 T_mon = 293.366 d
13 1%|         | 899/100000 [00:24<38:48, 42.57it/s]t = 9.01e-09 T_mon = 293.403 d
14 1%|         | 999/100000 [00:27<38:50, 42.48it/s]t = 1e-08 T_mon = 293.440 dT/
15 1%|         | 1099/100000 [00:29<39:03, 42.21it/s]t = 1.1e-08 T_mon = 293.476 d
16 1%|         | 1199/100000 [00:31<39:23, 41.81it/s]t = 1.2e-08 T_mon = 293.511 d
17 1%|         | 1299/100000 [00:34<38:58, 42.21it/s]t = 1.3e-08 T_mon = 293.545 d
18 1%|         | 1399/100000 [00:36<40:39, 40.43it/s]t = 1.4e-08 T_mon = 293.578 d
19 1%|         | 1498/100000 [00:39<39:25, 41.65it/s]t = 1.5e-08 T_mon = 293.610 d
20 2%|         | 1598/100000 [00:41<38:54, 42.14it/s]t = 1.6e-08 T_mon = 293.641 d
21 2%|         | 1698/100000 [00:43<38:44, 42.29it/s]t = 1.7e-08 T_mon = 293.672 d
22 2%|         | 1798/100000 [00:46<38:39, 42.34it/s]t = 1.8e-08 T_mon = 293.701 d
23 2%|         | 1898/100000 [00:48<39:33, 41.34it/s]t = 1.9e-08 T_mon = 293.730 d
24 2%|         | 1998/100000 [00:51<39:42, 41.13it/s]t = 2e-08 T_mon = 293.758 dT/
25 2%|         | 2098/100000 [00:53<40:17, 40.49it/s]t = 2.1e-08 T_mon = 293.786 d
26 2%|         | 2198/100000 [00:56<39:58, 40.78it/s]t = 2.2e-08 T_mon = 293.812 d
27 2%|         | 2298/100000 [00:58<38:53, 41.87it/s]t = 2.3e-08 T_mon = 293.838 d
28 2%|         | 2398/100000 [01:00<39:17, 41.40it/s]t = 2.4e-08 T_mon = 293.863 d
29 2%|         | 2498/100000 [01:03<38:09, 42.59it/s]t = 2.5e-08 T_mon = 293.888 d
30 3%|         | 2598/100000 [01:05<38:43, 41.93it/s]t = 2.6e-08 T_mon = 293.911 d
31 3%|         | 2698/100000 [01:08<39:28, 41.09it/s]t = 2.7e-08 T_mon = 293.934 d
32 3%|         | 2798/100000 [01:10<38:59, 41.54it/s]t = 2.8e-08 T_mon = 293.957 d
33 3%|         | 2898/100000 [01:12<38:48, 41.70it/s]t = 2.9e-08 T_mon = 293.979 d
34 3%|         | 2998/100000 [01:15<38:44, 41.74it/s]t = 3e-08 T_mon = 294.000 dT/
35 3%|         | 3099/100000 [01:17<38:47, 41.62it/s]t = 3.1e-08 T_mon = 294.020 d
36 3%|         | 3199/100000 [01:20<38:13, 42.21it/s]t = 3.2e-08 T_mon = 294.040 d
37 3%|         | 3299/100000 [01:22<37:53, 42.54it/s]t = 3.3e-08 T_mon = 294.060 d
38 3%|         | 3399/100000 [01:25<38:56, 41.34it/s]t = 3.4e-08 T_mon = 294.079 d
39 3%|         | 3499/100000 [01:27<38:56, 41.30it/s]t = 3.5e-08 T_mon = 294.097 d
40 4%|         | 3599/100000 [01:29<39:01, 41.18it/s]t = 3.6e-08 T_mon = 294.115 d
41 4%|         | 3699/100000 [01:32<39:02, 41.11it/s]t = 3.7e-08 T_mon = 294.133 d
42 4%|         | 3799/100000 [01:34<38:19, 41.83it/s]t = 3.8e-08 T_mon = 294.150 d
43 4%|         | 3899/100000 [01:37<38:19, 41.79it/s]t = 3.9e-08 T_mon = 294.166 d
44 4%|         | 3999/100000 [01:39<38:47, 41.24it/s]t = 4e-08 T_mon = 294.182 dT/
45 4%|         | 4099/100000 [01:41<38:17, 41.74it/s]t = 4.1e-08 T_mon = 294.198 d
46 4%|         | 4199/100000 [01:44<37:43, 42.32it/s]t = 4.2e-08 T_mon = 294.213 d
47 4%|         | 4299/100000 [01:46<39:15, 40.62it/s]t = 4.3e-08 T_mon = 294.228 d
48 4%|         | 4399/100000 [01:49<38:46, 41.09it/s]t = 4.4e-08 T_mon = 294.242 d
49 4%|         | 4499/100000 [01:51<37:21, 42.61it/s]t = 4.5e-08 T_mon = 294.256 d
50 5%|         | 4599/100000 [01:53<37:35, 42.29it/s]t = 4.6e-08 T_mon = 294.270 d
51 5%|         | 4699/100000 [01:56<38:35, 41.15it/s]t = 4.7e-08 T_mon = 294.283 d
52 5%|         | 4799/100000 [01:58<38:27, 41.25it/s]t = 4.8e-08 T_mon = 294.296 d
53 5%|         | 4899/100000 [02:01<37:20, 42.46it/s]t = 4.9e-08 T_mon = 294.309 d
54 5%|         | 4999/100000 [02:03<38:10, 41.48it/s]t = 5e-08 T_mon = 294.321 dT/
55 5%|         | 5099/100000 [02:06<38:59, 40.57it/s]t = 5.1e-08 T_mon = 294.333 d
56 5%|         | 5199/100000 [02:08<38:52, 40.65it/s]t = 5.2e-08 T_mon = 294.345 d
57 5%|         | 5299/100000 [02:10<37:58, 41.57it/s]t = 5.3e-08 T_mon = 294.356 d
58 5%|         | 5399/100000 [02:13<38:25, 41.04it/s]t = 5.4e-08 T_mon = 294.367 d
59 5%|         | 5499/100000 [02:15<38:05, 41.34it/s]t = 5.5e-08 T_mon = 294.378 d
60 6%|         | 5599/100000 [02:18<37:49, 41.59it/s]t = 5.6e-08 T_mon = 294.389 d
61 6%|         | 5699/100000 [02:20<38:37, 40.70it/s]t = 5.7e-08 T_mon = 294.399 d
62 6%|         | 5797/100000 [02:23<37:54, 41.41it/s]t = 5.8e-08 T_mon = 294.409 d
63 6%|         | 5897/100000 [02:25<37:52, 41.40it/s]t = 5.9e-08 T_mon = 294.419 d
64 6%|         | 6001/100000 [02:28<38:12, 41.00it/s]t = 6e-08 T_mon = 294.428 dT/
65 6%|         | 6101/100000 [02:30<38:57, 40.16it/s]t = 6.1e-08 T_mon = 294.437 d
66 6%|         | 6201/100000 [02:33<37:30, 41.68it/s]t = 6.2e-08 T_mon = 294.446 d
67 6%|         | 6299/100000 [02:35<37:54, 41.19it/s]t = 6.3e-08 T_mon = 294.455 d
68 6%|         | 6401/100000 [02:38<38:18, 40.72it/s]t = 6.4e-08 T_mon = 294.464 d
69 7%|         | 6501/100000 [02:40<37:14, 41.84it/s]t = 6.5e-08 T_mon = 294.472 d
70 7%|         | 6601/100000 [02:43<38:54, 40.00it/s]t = 6.6e-08 T_mon = 294.480 d
71 7%|         | 6698/100000 [02:45<40:02, 38.83it/s]t = 6.7e-08 T_mon = 294.488 d
72 7%|         | 6800/100000 [02:48<49:57, 31.10it/s]t = 6.8e-08 T_mon = 294.496 d
73 7%|         | 6901/100000 [02:50<37:40, 41.18it/s]t = 6.9e-08 T_mon = 294.504 d
74 7%|         | 6999/100000 [02:53<37:57, 40.83it/s]t = 7e-08 T_mon = 294.511 dT/
75 7%|         | 7097/100000 [02:55<38:40, 40.03it/s]t = 7.1e-08 T_mon = 294.518 d

```

76	7%		7201/100000	[02:58<51:55,	29.78it/s]	t = 7.2e-08	T_mon = 294.525	d
77	7%		7299/100000	[03:01<37:05,	41.66it/s]	t = 7.3e-08	T_mon = 294.532	d
78	7%		7399/100000	[03:03<36:34,	42.20it/s]	t = 7.4e-08	T_mon = 294.539	d
79	7%		7499/100000	[03:05<36:21,	42.41it/s]	t = 7.5e-08	T_mon = 294.545	d
80	8%		7599/100000	[03:08<38:06,	40.41it/s]	t = 7.6e-08	T_mon = 294.552	d
81	8%		7699/100000	[03:10<36:59,	41.58it/s]	t = 7.7e-08	T_mon = 294.558	d
82	8%		7798/100000	[03:13<38:53,	39.52it/s]	t = 7.8e-08	T_mon = 294.564	d
83	8%		7899/100000	[03:15<38:15,	40.12it/s]	t = 7.9e-08	T_mon = 294.570	d
84	8%		7998/100000	[03:18<39:01,	39.29it/s]	t = 8e-08	T_mon = 294.575	d
85	8%		8101/100000	[03:20<38:49,	39.45it/s]	t = 8.1e-08	T_mon = 294.581	d
86	8%		8200/100000	[03:23<37:54,	40.35it/s]	t = 8.2e-08	T_mon = 294.587	d
87	8%		8300/100000	[03:26<43:40,	35.00it/s]	t = 8.3e-08	T_mon = 294.592	d
88	8%		8401/100000	[03:28<36:53,	41.37it/s]	t = 8.4e-08	T_mon = 294.597	d
89	8%		8500/100000	[03:31<37:09,	41.04it/s]	t = 8.5e-08	T_mon = 294.602	d
90	9%		8600/100000	[03:33<38:22,	39.70it/s]	t = 8.6e-08	T_mon = 294.607	d
91	9%		8697/100000	[03:36<37:11,	40.92it/s]	t = 8.7e-08	T_mon = 294.612	d
92	9%		8798/100000	[03:38<38:32,	39.44it/s]	t = 8.8e-08	T_mon = 294.617	d
93	9%		8898/100000	[03:41<37:38,	40.34it/s]	t = 8.9e-08	T_mon = 294.622	d
94	9%		8998/100000	[03:43<38:14,	39.66it/s]	t = 9e-08	T_mon = 294.626	d
95	9%		9101/100000	[03:46<39:09,	38.69it/s]	t = 9.1e-08	T_mon = 294.631	d
96	9%		9201/100000	[03:48<37:01,	40.87it/s]	t = 9.2e-08	T_mon = 294.635	d
97	9%		9301/100000	[03:51<36:23,	41.54it/s]	t = 9.3e-08	T_mon = 294.639	d
98	9%		9401/100000	[03:53<36:57,	40.86it/s]	t = 9.4e-08	T_mon = 294.643	d
99	10%		9501/100000	[03:55<35:32,	42.44it/s]	t = 9.5e-08	T_mon = 294.647	d
100	10%		9601/100000	[03:58<35:47,	42.09it/s]	t = 9.6e-08	T_mon = 294.651	d
101	10%		9699/100000	[04:00<36:27,	41.27it/s]	t = 9.7e-08	T_mon = 294.655	d
102	10%		9799/100000	[04:03<35:41,	42.12it/s]	t = 9.8e-08	T_mon = 294.659	d
103	10%		9899/100000	[04:05<36:54,	40.69it/s]	t = 9.9e-08	T_mon = 294.662	d
104	10%		9999/100000	[04:07<36:23,	41.21it/s]	t = 1e-07	T_mon = 294.666	d
105	10%		10100/100000	[04:10<37:17,	40.18it/s]	t = 1.01e-07	T_mon = 294.669	d
106	10%		10198/100000	[04:12<36:53,	40.57it/s]	t = 1.02e-07	T_mon = 294.673	d
107	10%		10300/100000	[04:15<36:17,	41.19it/s]	t = 1.03e-07	T_mon = 294.676	d
108	10%		10400/100000	[04:17<36:12,	41.24it/s]	t = 1.04e-07	T_mon = 294.679	d
109	10%		10499/100000	[04:20<35:57,	41.49it/s]	t = 1.05e-07	T_mon = 294.683	d
110	11%		10599/100000	[04:22<36:47,	40.49it/s]	t = 1.06e-07	T_mon = 294.686	d
111	11%		10699/100000	[04:25<37:08,	40.08it/s]	t = 1.07e-07	T_mon = 294.689	d
112	11%		10797/100000	[04:27<36:37,	40.58it/s]	t = 1.08e-07	T_mon = 294.692	d
113	11%		10898/100000	[04:29<35:53,	41.37it/s]	t = 1.09e-07	T_mon = 294.695	d
114	11%		10998/100000	[04:32<36:06,	41.07it/s]	t = 1.1e-07	T_mon = 294.697	d
115	11%		11100/100000	[04:34<38:13,	38.77it/s]	t = 1.11e-07	T_mon = 294.700	d
116	11%		11201/100000	[04:37<35:17,	41.94it/s]	t = 1.12e-07	T_mon = 294.703	d
117	11%		11300/100000	[04:39<36:51,	40.10it/s]	t = 1.13e-07	T_mon = 294.706	d
118	11%		11400/100000	[04:42<36:42,	40.22it/s]	t = 1.14e-07	T_mon = 294.708	d
119	11%		11499/100000	[04:44<36:11,	40.76it/s]	t = 1.15e-07	T_mon = 294.711	d
120	12%		11600/100000	[04:47<35:38,	41.33it/s]	t = 1.16e-07	T_mon = 294.713	d
121	12%		11700/100000	[04:49<35:10,	41.85it/s]	t = 1.17e-07	T_mon = 294.716	d
122	12%		11800/100000	[04:52<36:23,	40.39it/s]	t = 1.18e-07	T_mon = 294.718	d
123	12%		11899/100000	[04:54<36:46,	39.93it/s]	t = 1.19e-07	T_mon = 294.720	d
124	12%		12000/100000	[04:57<35:39,	41.13it/s]	t = 1.2e-07	T_mon = 294.723	d
125	12%		12100/100000	[05:00<40:10,	36.47it/s]	t = 1.21e-07	T_mon = 294.725	d
126	12%		12200/100000	[05:03<37:34,	38.94it/s]	t = 1.22e-07	T_mon = 294.727	d
127	12%		12300/100000	[05:05<35:27,	41.23it/s]	t = 1.23e-07	T_mon = 294.729	d
128	12%		12402/100000	[05:08<36:23,	40.11it/s]	t = 1.24e-07	T_mon = 294.731	d
129	12%		12498/100000	[05:10<34:26,	42.33it/s]	t = 1.25e-07	T_mon = 294.733	d
130	13%		12597/100000	[05:13<36:31,	39.87it/s]	t = 1.26e-07	T_mon = 294.735	d
131	13%		12697/100000	[05:15<36:04,	40.33it/s]	t = 1.27e-07	T_mon = 294.737	d
132	13%		12799/100000	[05:18<40:14,	36.12it/s]	t = 1.28e-07	T_mon = 294.739	d
133	13%		12898/100000	[05:20<39:51,	36.43it/s]	t = 1.29e-07	T_mon = 294.741	d
134	13%		13000/100000	[05:23<39:03,	37.12it/s]	t = 1.3e-07	T_mon = 294.742	d
135	13%		13100/100000	[05:26<37:15,	38.88it/s]	t = 1.31e-07	T_mon = 294.744	d
136	13%		13198/100000	[05:28<40:26,	35.77it/s]	t = 1.32e-07	T_mon = 294.746	d
137	13%		13297/100000	[05:31<35:39,	40.53it/s]	t = 1.33e-07	T_mon = 294.748	d
138	13%		13398/100000	[05:33<36:19,	39.74it/s]	t = 1.34e-07	T_mon = 294.749	d
139	14%		13500/100000	[05:36<35:59,	40.05it/s]	t = 1.35e-07	T_mon = 294.751	d
140	14%		13599/100000	[05:38<35:35,	40.45it/s]	t = 1.36e-07	T_mon = 294.752	d
141	14%		13701/100000	[05:41<38:15,	37.59it/s]	t = 1.37e-07	T_mon = 294.754	d
142	14%		13801/100000	[05:43<36:22,	39.49it/s]	t = 1.38e-07	T_mon = 294.755	d
143	14%		13899/100000	[05:46<36:40,	39.13it/s]	t = 1.39e-07	T_mon = 294.757	d
144	14%		13997/100000	[05:48<36:24,	39.38it/s]	t = 1.4e-07	T_mon = 294.758	d
145	14%		14101/100000	[05:51<36:04,	39.69it/s]	t = 1.41e-07	T_mon = 294.760	d
146	14%		14199/100000	[05:54<37:09,	38.49it/s]	t = 1.42e-07	T_mon = 294.761	d
147	14%		14299/100000	[05:56<36:31,	39.11it/s]	t = 1.43e-07	T_mon = 294.762	d
148	14%		14398/100000	[05:59<36:30,	39.07it/s]	t = 1.44e-07	T_mon = 294.764	d
149	14%		14499/100000	[06:01<36:09,	39.42it/s]	t = 1.45e-07	T_mon = 294.765	d
150	15%		14600/100000	[06:04<36:19,	39.17it/s]	t = 1.46e-07	T_mon = 294.766	d

151	15%		14697/100000	[06:06<37:41,	37.72it/s]t = 1.47e-07	T_mon = 294.768
152	15%		14799/100000	[06:09<36:14,	39.18it/s]t = 1.48e-07	T_mon = 294.769
153	15%		14899/100000	[06:12<37:02,	38.29it/s]t = 1.49e-07	T_mon = 294.770
154	15%		14998/100000	[06:14<38:41,	36.61it/s]t = 1.5e-07	T_mon = 294.771
155	15%		15100/100000	[06:17<37:14,	38.00it/s]t = 1.51e-07	T_mon = 294.772
156	15%		15200/100000	[06:20<37:31,	37.66it/s]t = 1.52e-07	T_mon = 294.773
157	15%		15299/100000	[06:22<38:44,	36.44it/s]t = 1.53e-07	T_mon = 294.774
158	15%		15401/100000	[06:25<36:50,	38.27it/s]t = 1.54e-07	T_mon = 294.775
159	15%		15498/100000	[06:28<36:24,	38.68it/s]t = 1.55e-07	T_mon = 294.776
160	16%		15598/100000	[06:30<36:02,	39.03it/s]t = 1.56e-07	T_mon = 294.777
161	16%		15699/100000	[06:33<1:02:34,	22.45it/s]t = 1.57e-07	T_mon = 294.777
162	16%		15800/100000	[06:36<37:04,	37.86it/s]t = 1.58e-07	T_mon = 294.779
163	16%		15900/100000	[06:39<35:48,	39.15it/s]t = 1.59e-07	T_mon = 294.780
164	16%		16001/100000	[06:41<37:34,	37.26it/s]t = 1.6e-07	T_mon = 294.781
165	16%		16099/100000	[06:44<40:56,	34.16it/s]t = 1.61e-07	T_mon = 294.782
166	16%		16197/100000	[06:47<35:52,	38.94it/s]t = 1.62e-07	T_mon = 294.783
167	16%		16299/100000	[06:50<35:08,	39.70it/s]t = 1.63e-07	T_mon = 294.784
168	16%		16398/100000	[06:52<34:20,	40.58it/s]t = 1.64e-07	T_mon = 294.785
169	17%		16501/100000	[06:55<36:17,	38.35it/s]t = 1.65e-07	T_mon = 294.786
170	17%		16601/100000	[06:58<41:17,	33.66it/s]t = 1.66e-07	T_mon = 294.786
171	17%		16701/100000	[07:00<38:27,	36.10it/s]t = 1.67e-07	T_mon = 294.787
172	17%		16798/100000	[07:03<36:48,	37.68it/s]t = 1.68e-07	T_mon = 294.788
173	17%		16901/100000	[07:06<35:28,	39.04it/s]t = 1.69e-07	T_mon = 294.789
174	17%		17001/100000	[07:08<35:33,	38.90it/s]t = 1.7e-07	T_mon = 294.789
175	17%		17098/100000	[07:11<34:59,	39.48it/s]t = 1.71e-07	T_mon = 294.790
176	17%		17200/100000	[07:14<34:17,	40.24it/s]t = 1.72e-07	T_mon = 294.791
177	17%		17300/100000	[07:16<35:32,	38.78it/s]t = 1.73e-07	T_mon = 294.792
178	17%		17398/100000	[07:19<37:06,	37.10it/s]t = 1.74e-07	T_mon = 294.792
179	17%		17499/100000	[07:22<35:13,	39.03it/s]t = 1.75e-07	T_mon = 294.793
180	18%		17598/100000	[07:24<34:19,	40.01it/s]t = 1.76e-07	T_mon = 294.794
181	18%		17698/100000	[07:27<33:26,	41.03it/s]t = 1.77e-07	T_mon = 294.794
182	18%		17798/100000	[07:29<35:11,	38.92it/s]t = 1.78e-07	T_mon = 294.795
183	18%		17900/100000	[07:32<34:31,	39.63it/s]t = 1.79e-07	T_mon = 294.795
184	18%		18000/100000	[07:34<34:22,	39.76it/s]t = 1.8e-07	T_mon = 294.796
185	18%		18100/100000	[07:37<33:27,	40.80it/s]t = 1.81e-07	T_mon = 294.797
186	18%		18197/100000	[07:39<33:58,	40.12it/s]t = 1.82e-07	T_mon = 294.797
187	18%		18301/100000	[07:42<34:59,	38.91it/s]t = 1.83e-07	T_mon = 294.798
188	18%		18401/100000	[07:44<35:40,	38.12it/s]t = 1.84e-07	T_mon = 294.798
189	19%		18501/100000	[07:47<38:55,	34.90it/s]t = 1.85e-07	T_mon = 294.799
190	19%		18601/100000	[07:50<35:22,	38.35it/s]t = 1.86e-07	T_mon = 294.799
191	19%		18699/100000	[07:52<33:37,	40.30it/s]t = 1.87e-07	T_mon = 294.800
192	19%		18799/100000	[07:55<36:30,	37.08it/s]t = 1.88e-07	T_mon = 294.800
193	19%		18899/100000	[07:58<36:52,	36.65it/s]t = 1.89e-07	T_mon = 294.801
194	19%		19000/100000	[08:00<34:29,	39.14it/s]t = 1.9e-07	T_mon = 294.801
195	19%		19100/100000	[08:03<34:07,	39.51it/s]t = 1.91e-07	T_mon = 294.802
196	19%		19200/100000	[08:06<32:48,	41.04it/s]t = 1.92e-07	T_mon = 294.802
197	19%		19300/100000	[08:08<32:13,	41.73it/s]t = 1.93e-07	T_mon = 294.803
198	19%		19400/100000	[08:11<32:33,	41.27it/s]t = 1.94e-07	T_mon = 294.803
199	19%		19498/100000	[08:13<43:53,	30.56it/s]t = 1.95e-07	T_mon = 294.804
200	20%		19600/100000	[08:16<37:36,	35.62it/s]t = 1.96e-07	T_mon = 294.804
201	20%		19701/100000	[08:19<32:56,	40.64it/s]t = 1.97e-07	T_mon = 294.804
202	20%		19798/100000	[08:22<31:59,	41.78it/s]t = 1.98e-07	T_mon = 294.805
203	20%		19900/100000	[08:24<33:14,	40.15it/s]t = 1.99e-07	T_mon = 294.805
204	20%		20001/100000	[08:27<35:07,	37.95it/s]t = 2e-07	T_mon = 294.806
205	20%		20098/100000	[08:30<48:01,	27.73it/s]t = 2.01e-07	T_mon = 294.806
206	20%		20201/100000	[08:33<39:53,	33.34it/s]t = 2.02e-07	T_mon = 294.806
207	20%		20297/100000	[08:36<32:37,	40.73it/s]t = 2.03e-07	T_mon = 294.807
208	20%		20397/100000	[08:38<31:28,	42.16it/s]t = 2.04e-07	T_mon = 294.807
209	21%		20502/100000	[08:41<31:49,	41.64it/s]t = 2.05e-07	T_mon = 294.807
210	21%		20602/100000	[08:43<32:03,	41.27it/s]t = 2.06e-07	T_mon = 294.808
211	21%		20697/100000	[08:46<31:40,	41.74it/s]t = 2.07e-07	T_mon = 294.808
212	21%		20801/100000	[08:48<34:40,	38.06it/s]t = 2.08e-07	T_mon = 294.808
213	21%		20897/100000	[08:51<32:52,	40.10it/s]t = 2.09e-07	T_mon = 294.809
214	21%		21002/100000	[08:54<31:52,	41.30it/s]t = 2.1e-07	T_mon = 294.809
215	21%		21100/100000	[08:56<33:14,	39.56it/s]t = 2.11e-07	T_mon = 294.809
216	21%		21199/100000	[08:59<47:55,	27.41it/s]t = 2.12e-07	T_mon = 294.810
217	21%		21298/100000	[09:02<35:50,	36.60it/s]t = 2.13e-07	T_mon = 294.810
218	21%		21400/100000	[09:04<32:24,	40.42it/s]t = 2.14e-07	T_mon = 294.810
219	22%		21500/100000	[09:07<32:26,	40.34it/s]t = 2.15e-07	T_mon = 294.810
220	22%		21598/100000	[09:09<31:44,	41.17it/s]t = 2.16e-07	T_mon = 294.811
221	22%		21698/100000	[09:12<32:39,	39.96it/s]t = 2.17e-07	T_mon = 294.811
222	22%		21799/100000	[09:14<31:29,	41.40it/s]t = 2.18e-07	T_mon = 294.811
223	22%		21900/100000	[09:17<33:12,	39.20it/s]t = 2.19e-07	T_mon = 294.812
224	22%		21999/100000	[09:20<32:09,	40.43it/s]t = 2.2e-07	T_mon = 294.812
225	22%		22099/100000	[09:22<31:42,	40.95it/s]t = 2.21e-07	T_mon = 294.812

226	22%		22199/100000	[09:25<31:07,	41.65it/s]	t = 2.22e-07	T_mon = 294.812
227	22%		22299/100000	[09:27<31:00,	41.77it/s]	t = 2.23e-07	T_mon = 294.813
228	22%		22401/100000	[09:30<30:46,	42.03it/s]	t = 2.24e-07	T_mon = 294.813
229	23%		22501/100000	[09:32<31:20,	41.22it/s]	t = 2.25e-07	T_mon = 294.813
230	23%		22598/100000	[09:34<32:49,	39.29it/s]	t = 2.26e-07	T_mon = 294.813
231	23%		22699/100000	[09:37<33:59,	37.91it/s]	t = 2.27e-07	T_mon = 294.813
232	23%		22799/100000	[09:39<31:39,	40.65it/s]	t = 2.28e-07	T_mon = 294.814
233	23%		22899/100000	[09:42<32:09,	39.95it/s]	t = 2.29e-07	T_mon = 294.814
234	23%		22998/100000	[09:44<31:25,	40.85it/s]	t = 2.3e-07	T_mon = 294.814
235	23%		23098/100000	[09:47<31:39,	40.49it/s]	t = 2.31e-07	T_mon = 294.814
236	23%		23198/100000	[09:49<30:58,	41.31it/s]	t = 2.32e-07	T_mon = 294.814
237	23%		23298/100000	[09:52<30:17,	42.20it/s]	t = 2.33e-07	T_mon = 294.815
238	23%		23398/100000	[09:54<30:30,	41.86it/s]	t = 2.34e-07	T_mon = 294.815
239	23%		23498/100000	[09:57<31:06,	40.99it/s]	t = 2.35e-07	T_mon = 294.815
240	24%		23598/100000	[09:59<30:47,	41.35it/s]	t = 2.36e-07	T_mon = 294.815
241	24%		23698/100000	[10:01<31:03,	40.94it/s]	t = 2.37e-07	T_mon = 294.815
242	24%		23798/100000	[10:04<29:53,	42.48it/s]	t = 2.38e-07	T_mon = 294.816
243	24%		23898/100000	[10:06<30:49,	41.14it/s]	t = 2.39e-07	T_mon = 294.816
244	24%		23998/100000	[10:09<30:30,	41.52it/s]	t = 2.4e-07	T_mon = 294.816
245	24%		24098/100000	[10:11<30:36,	41.33it/s]	t = 2.41e-07	T_mon = 294.816
246	24%		24198/100000	[10:13<30:48,	41.01it/s]	t = 2.42e-07	T_mon = 294.816
247	24%		24298/100000	[10:16<30:57,	40.76it/s]	t = 2.43e-07	T_mon = 294.816
248	24%		24398/100000	[10:18<31:33,	39.93it/s]	t = 2.44e-07	T_mon = 294.817
249	24%		24498/100000	[10:21<30:26,	41.34it/s]	t = 2.45e-07	T_mon = 294.817
250	25%		24601/100000	[10:23<31:50,	39.47it/s]	t = 2.46e-07	T_mon = 294.817
251	25%		24699/100000	[10:26<31:26,	39.91it/s]	t = 2.47e-07	T_mon = 294.817
252	25%		24798/100000	[10:28<29:35,	42.36it/s]	t = 2.48e-07	T_mon = 294.817
253	25%		24898/100000	[10:31<31:17,	40.00it/s]	t = 2.49e-07	T_mon = 294.817
254	25%		24997/100000	[10:33<30:58,	40.36it/s]	t = 2.5e-07	T_mon = 294.817
255	25%		25097/100000	[10:35<29:52,	41.79it/s]	t = 2.51e-07	T_mon = 294.818
256	25%		25201/100000	[10:38<30:18,	41.14it/s]	t = 2.52e-07	T_mon = 294.818
257	25%		25301/100000	[10:40<29:52,	41.66it/s]	t = 2.53e-07	T_mon = 294.818
258	25%		25401/100000	[10:43<30:22,	40.92it/s]	t = 2.54e-07	T_mon = 294.818
259	26%		25501/100000	[10:45<30:44,	40.39it/s]	t = 2.55e-07	T_mon = 294.818
260	26%		25601/100000	[10:48<29:50,	41.56it/s]	t = 2.56e-07	T_mon = 294.818
261	26%		25701/100000	[10:50<30:15,	40.93it/s]	t = 2.57e-07	T_mon = 294.818
262	26%		25800/100000	[10:53<30:47,	40.17it/s]	t = 2.58e-07	T_mon = 294.818
263	26%		25900/100000	[10:55<29:20,	42.08it/s]	t = 2.59e-07	T_mon = 294.818
264	26%		26000/100000	[10:58<33:45,	36.53it/s]	t = 2.6e-07	T_mon = 294.819
265	26%		26097/100000	[11:00<30:57,	39.79it/s]	t = 2.61e-07	T_mon = 294.819
266	26%		26198/100000	[11:02<30:02,	40.95it/s]	t = 2.62e-07	T_mon = 294.819
267	26%		26297/100000	[11:06<33:22,	36.81it/s]	t = 2.63e-07	T_mon = 294.819
268	26%		26398/100000	[11:08<30:29,	40.23it/s]	t = 2.64e-07	T_mon = 294.819
269	26%		26498/100000	[11:11<37:45,	32.44it/s]	t = 2.65e-07	T_mon = 294.819
270	27%		26598/100000	[11:14<34:36,	35.36it/s]	t = 2.66e-07	T_mon = 294.819
271	27%		26701/100000	[11:17<30:56,	39.49it/s]	t = 2.67e-07	T_mon = 294.819
272	27%		26801/100000	[11:19<31:34,	38.64it/s]	t = 2.68e-07	T_mon = 294.819
273	27%		26901/100000	[11:22<32:19,	37.69it/s]	t = 2.69e-07	T_mon = 294.819
274	27%		27001/100000	[11:25<43:10,	28.17it/s]	t = 2.7e-07	T_mon = 294.820
275	27%		27099/100000	[11:27<28:34,	42.51it/s]	t = 2.71e-07	T_mon = 294.820
276	27%		27199/100000	[11:30<29:26,	41.22it/s]	t = 2.72e-07	T_mon = 294.820
277	27%		27302/100000	[11:32<29:46,	40.69it/s]	t = 2.73e-07	T_mon = 294.820
278	27%		27397/100000	[11:34<29:44,	40.68it/s]	t = 2.74e-07	T_mon = 294.820
279	27%		27497/100000	[11:37<28:53,	41.83it/s]	t = 2.75e-07	T_mon = 294.820
280	28%		27601/100000	[11:39<29:40,	40.66it/s]	t = 2.76e-07	T_mon = 294.820
281	28%		27701/100000	[11:42<29:51,	40.36it/s]	t = 2.77e-07	T_mon = 294.820
282	28%		27798/100000	[11:44<30:19,	39.69it/s]	t = 2.78e-07	T_mon = 294.820
283	28%		27900/100000	[11:47<29:36,	40.59it/s]	t = 2.79e-07	T_mon = 294.820
284	28%		28000/100000	[11:49<29:35,	40.55it/s]	t = 2.8e-07	T_mon = 294.820
285	28%		28099/100000	[11:52<28:46,	41.65it/s]	t = 2.81e-07	T_mon = 294.820
286	28%		28198/100000	[11:55<35:35,	33.62it/s]	t = 2.82e-07	T_mon = 294.820
287	28%		28298/100000	[11:58<39:02,	30.61it/s]	t = 2.83e-07	T_mon = 294.821
288	28%		28398/100000	[12:01<29:27,	40.52it/s]	t = 2.84e-07	T_mon = 294.821
289	28%		28498/100000	[12:03<29:35,	40.26it/s]	t = 2.85e-07	T_mon = 294.821
290	29%		28600/100000	[12:06<29:10,	40.79it/s]	t = 2.86e-07	T_mon = 294.821
291	29%		28700/100000	[12:08<28:35,	41.56it/s]	t = 2.87e-07	T_mon = 294.821
292	29%		28800/100000	[12:11<28:02,	42.33it/s]	t = 2.88e-07	T_mon = 294.821
293	29%		28900/100000	[12:13<28:29,	41.58it/s]	t = 2.89e-07	T_mon = 294.821
294	29%		29000/100000	[12:16<28:54,	40.94it/s]	t = 2.9e-07	T_mon = 294.821
295	29%		29100/100000	[12:18<28:14,	41.85it/s]	t = 2.91e-07	T_mon = 294.821
296	29%		29197/100000	[12:20<28:51,	40.88it/s]	t = 2.92e-07	T_mon = 294.821
297	29%		29297/100000	[12:23<28:58,	40.67it/s]	t = 2.93e-07	T_mon = 294.821
298	29%		29398/100000	[12:25<30:09,	39.01it/s]	t = 2.94e-07	T_mon = 294.821
299	29%		29499/100000	[12:28<29:10,	40.27it/s]	t = 2.95e-07	T_mon = 294.821
300	30%		29599/100000	[12:30<28:52,	40.64it/s]	t = 2.96e-07	T_mon = 294.821

301	30%		29699/100000	[12:33<28:06,	41.68it/s]	t = 2.97e-07	T_mon = 294.821
302	30%		29799/100000	[12:35<28:38,	40.84it/s]	t = 2.98e-07	T_mon = 294.821
303	30%		29899/100000	[12:38<28:14,	41.38it/s]	t = 2.99e-07	T_mon = 294.821
304	30%		29998/100000	[12:40<28:32,	40.87it/s]	t = 3e-07	T_mon = 294.822
305	30%		30098/100000	[12:43<28:29,	40.89it/s]	t = 3.01e-07	T_mon = 294.822
306	30%		30198/100000	[12:45<28:45,	40.45it/s]	t = 3.02e-07	T_mon = 294.822
307	30%		30300/100000	[12:48<33:32,	34.63it/s]	t = 3.03e-07	T_mon = 294.822
308	30%		30398/100000	[12:50<29:27,	39.39it/s]	t = 3.04e-07	T_mon = 294.822
309	30%		30498/100000	[12:53<29:28,	39.30it/s]	t = 3.05e-07	T_mon = 294.822
310	31%		30600/100000	[12:56<29:15,	39.54it/s]	t = 3.06e-07	T_mon = 294.822
311	31%		30699/100000	[12:59<29:13,	39.53it/s]	t = 3.07e-07	T_mon = 294.822
312	31%		30798/100000	[13:01<28:31,	40.44it/s]	t = 3.08e-07	T_mon = 294.822
313	31%		30898/100000	[13:03<27:20,	42.12it/s]	t = 3.09e-07	T_mon = 294.822
314	31%		30998/100000	[13:06<31:02,	37.06it/s]	t = 3.1e-07	T_mon = 294.822
315	31%		31098/100000	[13:08<27:31,	41.72it/s]	t = 3.11e-07	T_mon = 294.822
316	31%		31198/100000	[13:11<27:24,	41.84it/s]	t = 3.12e-07	T_mon = 294.822
317	31%		31298/100000	[13:13<27:07,	42.21it/s]	t = 3.13e-07	T_mon = 294.822
318	31%		31401/100000	[13:16<27:40,	41.32it/s]	t = 3.14e-07	T_mon = 294.822
319	32%		31501/100000	[13:18<27:13,	41.94it/s]	t = 3.15e-07	T_mon = 294.822
320	32%		31600/100000	[13:21<28:43,	39.70it/s]	t = 3.16e-07	T_mon = 294.822
321	32%		31699/100000	[13:23<27:46,	40.97it/s]	t = 3.17e-07	T_mon = 294.822
322	32%		31799/100000	[13:25<27:15,	41.71it/s]	t = 3.18e-07	T_mon = 294.822
323	32%		31899/100000	[13:28<27:58,	40.56it/s]	t = 3.19e-07	T_mon = 294.822
324	32%		31999/100000	[13:30<27:29,	41.22it/s]	t = 3.2e-07	T_mon = 294.822
325	32%		32099/100000	[13:33<28:22,	39.87it/s]	t = 3.21e-07	T_mon = 294.822
326	32%		32198/100000	[13:35<27:53,	40.51it/s]	t = 3.22e-07	T_mon = 294.822
327	32%		32298/100000	[13:38<27:26,	41.11it/s]	t = 3.23e-07	T_mon = 294.822
328	32%		32310/100000	[13:38<28:34,	39.48it/s]		
329							