

a=14 degree											
nx	x	xc	uei	uev	cf	uc	theta	dls	dd	db	
2	0.006494	-0.043844	0.109	0.109	4.26E-02	0.00E+00	3.80E-05	8.50E-05	1.85E-02	1.85E-02	
3	0.012674	-0.038009	0.2022	0.2022	2.44E-02	0.00E+00	3.74E-05	8.25E-05	3.34E-02	3.34E-02	
4	0.018534	-0.032541	0.3083	0.3083	1.76E-02	0.00E+00	3.43E-05	7.52E-05	4.64E-02	4.64E-02	
5	0.02407	-0.02745	0.4306	0.4306	1.39E-02	0.00E+00	3.15E-05	6.88E-05	5.93E-02	5.93E-02	
6	0.029277	-0.022751	0.5719	0.5719	1.16E-02	0.00E+00	2.87E-05	6.25E-05	7.15E-02	7.15E-02	
7	0.034154	-0.018457	0.7363	0.7363	9.98E-03	0.00E+00	2.60E-05	5.66E-05	8.33E-02	8.33E-02	
8	0.038696	-0.014585	0.9283	0.9283	8.85E-03	0.00E+00	2.35E-05	5.09E-05	9.46E-02	9.46E-02	
9	0.0429	-0.011156	1.1514	1.1514	7.98E-03	0.00E+00	2.12E-05	4.58E-05	1.05E-01	1.05E-01	
10	0.046762	-0.008186	1.4098	1.4098	7.27E-03	0.00E+00	1.91E-05	4.11E-05	1.16E-01	1.16E-01	
11	0.050281	-0.005697	1.7007	1.7007	6.67E-03	0.00E+00	1.72E-05	3.72E-05	1.26E-01	1.26E-01	
12	0.053453	-0.003699	2.018	2.018	6.14E-03	0.00E+00	1.58E-05	3.40E-05	1.37E-01	1.37E-01	
13	0.056214	-0.002218	2.3409	2.3409	5.62E-03	0.00E+00	1.47E-05	3.18E-05	1.49E-01	1.49E-01	
14	0.058521	-0.001225	2.6234	2.6234	5.12E-03	0.00E+00	1.41E-05	3.07E-05	1.61E-01	1.61E-01	
15	0.060407	-0.000611	2.8529	2.8529	4.70E-03	0.00E+00	1.39E-05	3.04E-05	1.73E-01	1.73E-01	
16	0.061908	-0.000267	3.0289	3.0289	4.34E-03	0.00E+00	1.38E-05	3.05E-05	1.85E-01	1.85E-01	
17	0.063057	-0.000098	3.1519	3.1519	4.07E-03	0.00E+00	1.39E-05	3.09E-05	1.95E-01	1.95E-01	
18	0.063885	-0.000026	3.2362	3.2362	3.96E-03	0.00E+00	1.40E-05	3.10E-05	2.01E-01	2.01E-01	
19	0.064379	-0.000005	3.2913	3.2913	3.70E-03	0.00E+00	1.41E-05	3.15E-05	2.08E-01	2.08E-01	
20	0.064638	0	3.3086	3.3086	3.51E-03	0.00E+00	1.42E-05	3.21E-05	2.13E-01	2.13E-01	
21	0.064842	0	3.321	3.3113	3.23E-03	0.00E+00	1.45E-05	3.34E-05	2.21E-01	2.21E-01	
22	0.0651	0.000005	3.3405	3.3239	3.13E-03	0.00E+00	1.47E-05	3.38E-05	2.25E-01	2.25E-01	
23	0.065594	0.000026	3.3623	3.3462	3.08E-03	0.00E+00	1.50E-05	3.48E-05	2.33E-01	2.33E-01	
24	0.066422	0.000098	3.4072	3.3891	2.98E-03	0.00E+00	1.54E-05	3.57E-05	2.42E-01	2.42E-01	
25	0.067572	0.000267	3.4604	3.4414	2.80E-03	0.00E+00	1.60E-05	3.72E-05	2.56E-01	2.56E-01	
26	0.069073	0.000611	3.5052	3.4857	2.53E-03	0.00E+00	1.70E-05	3.97E-05	2.77E-01	2.77E-01	
27	0.070959	0.001225	3.5255	3.5071	2.18E-03	0.00E+00	1.87E-05	4.41E-05	3.10E-01	3.10E-01	
28	0.073266	0.002218	3.5056	3.4878	1.85E-03	0.00E+00	2.16E-05	5.05E-05	3.52E-01	3.52E-01	
29	0.076027	0.003699	3.4304	3.4143	1.63E-03	0.00E+00	2.62E-05	5.98E-05	4.09E-01	4.09E-01	
30	0.079199	0.005697	3.3213	3.3054	1.60E-03	0.00E+00	3.29E-05	7.10E-05	4.70E-01	4.70E-01	
31	0.082718	0.008186	3.1954	3.1794	1.73E-03	0.00E+00	4.18E-05	8.44E-05	5.37E-01	5.37E-01	
32	0.08658	0.011156	3.0631	3.0473	1.93E-03	0.00E+00	5.34E-05	1.01E-04	6.16E-01	6.16E-01	
33	0.090784	0.014585	2.9347	2.9195	2.16E-03	0.00E+00	6.76E-05	1.21E-04	7.08E-01	7.08E-01	
34	0.095325	0.018457	2.8142	2.7998	2.35E-03	0.00E+00	8.46E-05	1.45E-04	8.14E-01	8.14E-01	
35	0.100202	0.022751	2.7038	2.6906	2.50E-03	0.00E+00	1.04E-04	1.74E-04	9.35E-01	9.35E-01	
36	0.10541	0.02745	2.6038	2.5908	2.57E-03	0.00E+00	1.24E-04	2.05E-04	1.06E+00	1.06E+00	
37	0.110946	0.032541	2.5133	2.5017	2.54E-03	0.00E+00	1.48E-04	2.41E-04	1.20E+00	1.20E+00	
38	0.116806	0.038009	2.4318	2.421	2.48E-03	0.00E+00	1.74E-04	2.80E-04	1.35E+00	1.35E+00	
39	0.122986	0.043844	2.3582	2.3479	2.44E-03	0.00E+00	2.02E-04	3.21E-04	1.51E+00	1.51E+00	
40	0.12948	0.050033	2.2917	2.282	2.41E-03	0.00E+00	2.32E-04	3.66E-04	1.67E+00	1.67E+00	
41	0.136285	0.056571	2.231	2.2218	2.36E-03	0.00E+00	2.64E-04	4.14E-04	1.84E+00	1.84E+00	
42	0.143397	0.063446	2.1748	2.1665	2.31E-03	0.00E+00	2.97E-04	4.65E-04	2.02E+00	2.02E+00	
43	0.15081	0.070651	2.1234	2.1156	2.27E-03	0.00E+00	3.33E-04	5.19E-04	2.20E+00	2.20E+00	
44	0.158519	0.078176	2.0765	2.0691	2.23E-03	0.00E+00	3.70E-04	5.74E-04	2.38E+00	2.38E+00	
45	0.166519	0.086014	2.0337	2.0266	2.20E-03	0.00E+00	4.08E-04	6.32E-04	2.56E+00	2.56E+00	
46	0.174804	0.094157	1.9938	1.9869	2.16E-03	0.00E+00	4.47E-04	6.92E-04	2.75E+00	2.75E+00	
47	0.183368	0.102597	1.9564	1.9497	2.13E-03	0.00E+00	4.89E-04	7.53E-04	2.94E+00	2.94E+00	
48	0.192207	0.111328	1.9207	1.9145	2.10E-03	0.00E+00	5.31E-04	8.19E-04	3.13E+00	3.13E+00	
49	0.201312	0.120341	1.8881	1.8817	2.08E-03	0.00E+00	5.73E-04	8.83E-04	3.32E+00	3.32E+00	
50	0.210679	0.129628	1.8574	1.8511	2.05E-03	0.00E+00	6.19E-04	9.51E-04	3.52E+00	3.52E+00	
51	0.220301	0.139181	1.8278	1.8219	2.00E-03	0.00E+00	6.65E-04	1.02E-03	3.73E+00	3.72E+00	
52	0.230171	0.148995	1.7996	1.7938	1.97E-03	0.00E+00	7.13E-04	1.10E-03	3.93E+00	3.93E+00	
53	0.240282	0.159058	1.773	1.7672	1.95E-03	0.00E+00	7.62E-04	1.17E-03	4.14E+00	4.13E+00	
54	0.250627	0.169364	1.7476	1.7419	1.94E-03	0.00E+00	8.12E-04	1.25E-03	4.34E+00	4.35E+00	
55	0.2612	0.179905	1.7238	1.7183	1.92E-03	0.00E+00	8.65E-04	1.33E-03	4.55E+00	4.56E+00	
56	0.271993	0.190672	1.7014	1.6959	1.89E-03	0.00E+00	9.17E-04	1.41E-03	4.77E+00	4.76E+00	
57	0.282998	0.201657	1.6793	1.6737	1.87E-03	0.00E+00	9.72E-04	1.49E-03	4.98E+00	4.98E+00	
58	0.294208	0.212851	1.658	1.6526	1.85E-03	0.00E+00	1.03E-03	1.57E-03	5.20E+00	5.20E+00	
59	0.305615	0.224248	1.6375	1.6324	1.83E-03	0.00E+00	1.09E-03	1.66E-03	5.43E+00	5.42E+00	

60	0.317212	0.235836	1.618	1.6127	1.81E-03	0.00E+00	1.15E-03	1.75E-03	5.65E+00	5.65E+00
61	0.32899	0.247608	1.5994	1.5941	1.79E-03	0.00E+00	1.21E-03	1.84E-03	5.88E+00	5.88E+00
62	0.340941	0.259557	1.5814	1.5762	1.76E-03	0.00E+00	1.27E-03	1.94E-03	6.11E+00	6.11E+00
63	0.353057	0.271671	1.5636	1.5584	1.74E-03	0.00E+00	1.33E-03	2.04E-03	6.34E+00	6.34E+00
64	0.36533	0.283943	1.5464	1.5411	1.72E-03	0.00E+00	1.40E-03	2.13E-03	6.58E+00	6.58E+00
65	0.377751	0.296364	1.5298	1.5243	1.70E-03	0.00E+00	1.46E-03	2.24E-03	6.82E+00	6.82E+00
66	0.390312	0.308924	1.5137	1.508	1.68E-03	0.00E+00	1.53E-03	2.34E-03	7.06E+00	7.06E+00
67	0.403003	0.321616	1.498	1.4924	1.66E-03	0.00E+00	1.60E-03	2.45E-03	7.30E+00	7.32E+00
68	0.415817	0.334428	1.4832	1.4774	1.65E-03	0.00E+00	1.67E-03	2.56E-03	7.55E+00	7.57E+00
69	0.428744	0.347353	1.4686	1.4628	1.63E-03	0.00E+00	1.74E-03	2.67E-03	7.81E+00	7.82E+00
70	0.441775	0.360382	1.4541	1.4486	1.61E-03	0.00E+00	1.82E-03	2.79E-03	8.07E+00	8.08E+00
71	0.454902	0.373504	1.4401	1.4348	1.58E-03	0.00E+00	1.89E-03	2.91E-03	8.34E+00	8.34E+00
72	0.468116	0.386712	1.4263	1.421	1.56E-03	0.00E+00	1.97E-03	3.03E-03	8.61E+00	8.61E+00
73	0.481407	0.399994	1.4128	1.4073	1.54E-03	0.00E+00	2.05E-03	3.15E-03	8.88E+00	8.88E+00
74	0.494765	0.413343	1.4	1.3943	1.52E-03	0.00E+00	2.13E-03	3.28E-03	9.15E+00	9.15E+00
75	0.508183	0.426748	1.3876	1.3817	1.50E-03	0.00E+00	2.21E-03	3.41E-03	9.42E+00	9.42E+00
76	0.521651	0.440201	1.3753	1.3693	1.48E-03	0.00E+00	2.29E-03	3.54E-03	9.71E+00	9.71E+00
77	0.535159	0.453692	1.3629	1.3571	1.46E-03	0.00E+00	2.38E-03	3.68E-03	1.00E+01	1.00E+01
78	0.548697	0.467211	1.3511	1.3452	1.44E-03	0.00E+00	2.47E-03	3.83E-03	1.03E+01	1.03E+01
79	0.562258	0.480749	1.3395	1.3337	1.42E-03	0.00E+00	2.56E-03	3.97E-03	1.06E+01	1.06E+01
80	0.575831	0.494298	1.3284	1.3225	1.40E-03	0.00E+00	2.65E-03	4.12E-03	1.09E+01	1.09E+01
81	0.589408	0.507847	1.3174	1.3114	1.38E-03	0.00E+00	2.74E-03	4.27E-03	1.12E+01	1.12E+01
82	0.602978	0.521388	1.3067	1.3005	1.35E-03	0.00E+00	2.83E-03	4.43E-03	1.15E+01	1.15E+01
83	0.616532	0.534909	1.2965	1.2899	1.33E-03	0.00E+00	2.92E-03	4.58E-03	1.18E+01	1.18E+01
84	0.630061	0.548405	1.2861	1.2793	1.30E-03	0.00E+00	3.02E-03	4.75E-03	1.21E+01	1.21E+01
85	0.643556	0.561863	1.2761	1.2689	1.28E-03	0.00E+00	3.12E-03	4.92E-03	1.25E+01	1.25E+01
86	0.657007	0.575274	1.2658	1.2586	1.25E-03	0.00E+00	3.22E-03	5.09E-03	1.28E+01	1.28E+01
87	0.670406	0.58863	1.2559	1.2485	1.23E-03	0.00E+00	3.32E-03	5.27E-03	1.32E+01	1.32E+01
88	0.683742	0.601923	1.2466	1.2387	1.21E-03	0.00E+00	3.43E-03	5.46E-03	1.35E+01	1.35E+01
89	0.697007	0.615142	1.2374	1.2292	1.19E-03	0.00E+00	3.54E-03	5.65E-03	1.39E+01	1.39E+01
90	0.710192	0.628278	1.2283	1.2199	1.17E-03	0.00E+00	3.66E-03	5.84E-03	1.43E+01	1.42E+01
91	0.723287	0.641324	1.2191	1.2106	1.15E-03	0.00E+00	3.78E-03	6.05E-03	1.46E+01	1.46E+01
92	0.736283	0.654268	1.2104	1.2017	1.13E-03	0.00E+00	3.89E-03	6.26E-03	1.50E+01	1.50E+01
93	0.749172	0.667103	1.2024	1.1926	1.11E-03	0.00E+00	4.01E-03	6.48E-03	1.54E+01	1.54E+01
94	0.761944	0.67982	1.194	1.1835	1.09E-03	0.00E+00	4.13E-03	6.70E-03	1.59E+01	1.59E+01
95	0.774592	0.69241	1.185	1.1743	1.06E-03	0.00E+00	4.25E-03	6.95E-03	1.63E+01	1.63E+01
96	0.787104	0.704862	1.1759	1.1651	1.03E-03	0.00E+00	4.38E-03	7.20E-03	1.68E+01	1.68E+01
97	0.799475	0.717172	1.1684	1.1563	1.01E-03	0.00E+00	4.51E-03	7.46E-03	1.73E+01	1.73E+01
98	0.811695	0.72933	1.1609	1.1476	9.79E-04	0.00E+00	4.65E-03	7.74E-03	1.78E+01	1.78E+01
99	0.823755	0.741325	1.1525	1.1387	9.46E-04	0.00E+00	4.79E-03	8.03E-03	1.83E+01	1.83E+01
100	0.835646	0.753151	1.1438	1.1299	9.14E-04	0.00E+00	4.95E-03	8.35E-03	1.89E+01	1.89E+01
101	0.847362	0.764799	1.1351	1.1212	8.80E-04	0.00E+00	5.11E-03	8.69E-03	1.95E+01	1.95E+01
102	0.858895	0.776261	1.1262	1.1125	8.44E-04	0.00E+00	5.27E-03	9.05E-03	2.01E+01	2.02E+01
103	0.870235	0.78753	1.1174	1.104	8.04E-04	0.00E+00	5.44E-03	9.43E-03	2.08E+01	2.09E+01
104	0.881375	0.798598	1.1092	1.0955	7.62E-04	0.00E+00	5.60E-03	9.83E-03	2.15E+01	2.16E+01
105	0.892307	0.809458	1.1011	1.0872	7.20E-04	0.00E+00	5.77E-03	1.02E-02	2.23E+01	2.23E+01
106	0.903025	0.820104	1.0929	1.0791	6.77E-04	0.00E+00	5.94E-03	1.07E-02	2.30E+01	2.31E+01
107	0.913519	0.830526	1.0846	1.0712	6.34E-04	0.00E+00	6.11E-03	1.11E-02	2.39E+01	2.39E+01
108	0.923784	0.840717	1.0762	1.0635	5.89E-04	0.00E+00	6.29E-03	1.16E-02	2.47E+01	2.48E+01
109	0.933812	0.850672	1.0676	1.056	5.45E-04	0.00E+00	6.46E-03	1.21E-02	2.56E+01	2.57E+01
110	0.943597	0.860383	1.059	1.0489	5.03E-04	0.00E+00	6.64E-03	1.26E-02	2.65E+01	2.66E+01
111	0.953131	0.869844	1.0509	1.042	4.61E-04	0.00E+00	6.81E-03	1.32E-02	2.75E+01	2.76E+01
112	0.962409	0.879049	1.0427	1.0355	4.19E-04	0.00E+00	6.98E-03	1.37E-02	2.84E+01	2.86E+01
113	0.971422	0.887991	1.0341	1.0293	3.78E-04	0.00E+00	7.16E-03	1.43E-02	2.95E+01	2.96E+01
114	0.980167	0.896665	1.0251	1.0234	3.38E-04	0.00E+00	7.32E-03	1.49E-02	3.05E+01	3.06E+01
115	0.988635	0.905062	1.0166	1.0179	3.01E-04	0.00E+00	7.49E-03	1.55E-02	3.16E+01	3.17E+01
116	0.996822	0.91318	1.0081	1.0127	2.64E-04	0.00E+00	7.65E-03	1.61E-02	3.26E+01	3.27E+01
117	1.004722	0.921013	0.9989	1.0078	2.29E-04	0.00E+00	7.80E-03	1.67E-02	3.37E+01	3.38E+01
118	1.012329	0.928553	0.9891	1.0033	1.96E-04	0.00E+00	7.95E-03	1.74E-02	3.49E+01	3.49E+01
119	1.019638	0.935796	0.9795	0.9991	1.66E-04	0.00E+00	8.09E-03	1.80E-02	3.60E+01	3.60E+01

120	1.026645	0.942739	0.9708	0.9953	1.41E-04	0.00E+00	8.26E-03	1.86E-02	3.71E+01	3.71E+01
121	1.033343	0.949377	0.9612	0.9918	1.18E-04	0.00E+00	8.41E-03	1.93E-02	3.82E+01	3.82E+01
122	1.03973	0.955704	0.9498	0.9886	9.14E-05	0.00E+00	8.54E-03	1.99E-02	3.94E+01	3.94E+01
123	1.0458	0.961716	0.9383	0.9856	6.49E-05	0.00E+00	8.66E-03	2.05E-02	4.05E+01	4.05E+01
124	1.051548	0.967408	0.9272	0.9828	4.38E-05	0.00E+00	8.78E-03	2.12E-02	4.16E+01	4.16E+01
125	1.056973	0.97278	0.9145	0.9804	2.69E-05	0.00E+00	8.89E-03	2.18E-02	4.27E+01	4.26E+01
126	1.061897	0.977655	0.9017	0.9782	1.21E-05	0.00E+00	9.00E-03	2.23E-02	4.37E+01	4.36E+01
127	1.066176	0.981892	0.8887	0.9764	-2.33E-07	0.00E+00	9.08E-03	2.28E-02	4.45E+01	4.45E+01
128	1.069863	0.985541	0.8765	0.9749	-1.05E-05	0.00E+00	9.15E-03	2.32E-02	4.53E+01	4.53E+01
129	1.073015	0.988662	0.8635	0.9737	-2.01E-05	0.00E+00	9.20E-03	2.36E-02	4.60E+01	4.60E+01
130	1.075696	0.991315	0.8485	0.9726	-2.85E-05	0.00E+00	9.25E-03	2.39E-02	4.66E+01	4.66E+01
131	1.077964	0.993559	0.8311	0.9717	-3.42E-05	0.00E+00	9.28E-03	2.42E-02	4.71E+01	4.71E+01
132	1.079876	0.995451	0.8147	0.971	-3.75E-05	0.00E+00	9.31E-03	2.44E-02	4.75E+01	4.75E+01
133	1.081484	0.997043	0.7953	0.9704	-3.91E-05	0.00E+00	9.33E-03	2.46E-02	4.78E+01	4.78E+01
134	1.082834	0.998379	0.7653	0.97	-3.81E-05	0.00E+00	9.36E-03	2.48E-02	4.81E+01	4.81E+01
135	1.083961	0.999494	0.7472	0.9696	-3.38E-05	0.00E+00	9.37E-03	2.49E-02	4.82E+01	4.82E+01
136	1.084862	1.000395	0.7472	0.9692	0.00E+00	1.08E-02	9.39E-03	2.49E-02	4.83E+01	4.83E+01
137	1.085946	1.001479	0.7619	0.9688	0.00E+00	2.23E-02	9.41E-03	2.49E-02	4.83E+01	4.83E+01
138	1.087249	1.002782	0.7833	0.9684	0.00E+00	3.27E-02	9.43E-03	2.49E-02	4.83E+01	4.83E+01
139	1.088816	1.004348	0.796	0.968	0.00E+00	4.26E-02	9.45E-03	2.49E-02	4.83E+01	4.83E+01
140	1.090699	1.006232	0.8113	0.9675	0.00E+00	5.25E-02	9.47E-03	2.49E-02	4.82E+01	4.82E+01
141	1.092964	1.008496	0.8269	0.967	0.00E+00	6.27E-02	9.49E-03	2.49E-02	4.81E+01	4.81E+01
142	1.095688	1.011219	0.8368	0.9664	0.00E+00	7.29E-02	9.52E-03	2.48E-02	4.79E+01	4.80E+01
143	1.098962	1.014493	0.848	0.9658	0.00E+00	8.35E-02	9.55E-03	2.47E-02	4.77E+01	4.78E+01
144	1.102899	1.018428	0.8568	0.9651	0.00E+00	9.44E-02	9.58E-03	2.46E-02	4.75E+01	4.75E+01
145	1.107633	1.02316	0.866	0.9643	0.00E+00	1.06E-01	9.62E-03	2.44E-02	4.71E+01	4.72E+01
146	1.113325	1.028848	0.8747	0.9635	0.00E+00	1.18E-01	9.65E-03	2.42E-02	4.67E+01	4.68E+01
147	1.120168	1.035687	0.8826	0.9625	0.00E+00	1.31E-01	9.70E-03	2.40E-02	4.62E+01	4.63E+01
148	1.128397	1.043908	0.8905	0.9616	0.00E+00	1.45E-01	9.74E-03	2.37E-02	4.55E+01	4.56E+01
149	1.138291	1.05379	0.8982	0.9605	0.00E+00	1.61E-01	9.79E-03	2.33E-02	4.47E+01	4.48E+01
150	1.150186	1.06567	0.9057	0.9594	0.00E+00	1.79E-01	9.84E-03	2.28E-02	4.37E+01	4.38E+01
151	1.164489	1.079949	0.9129	0.9583	0.00E+00	1.98E-01	9.89E-03	2.22E-02	4.26E+01	4.27E+01
152	1.181687	1.097113	0.9199	0.9573	0.00E+00	2.21E-01	9.93E-03	2.16E-02	4.13E+01	4.13E+01
153	1.202365	1.11774	0.9266	0.9564	0.00E+00	2.47E-01	9.97E-03	2.08E-02	3.98E+01	3.98E+01
154	1.227227	1.14253	0.9331	0.9559	0.00E+00	2.76E-01	1.00E-02	2.00E-02	3.81E+01	3.81E+01
155	1.257121	1.17232	0.9393	0.9558	0.00E+00	3.10E-01	1.00E-02	1.90E-02	3.63E+01	3.63E+01
156	1.293064	1.208115	0.9454	0.9566	0.00E+00	3.49E-01	9.97E-03	1.80E-02	3.44E+01	3.44E+01
157	1.336281	1.251123	0.9512	0.9582	0.00E+00	3.90E-01	9.90E-03	1.69E-02	3.25E+01	3.24E+01
158	1.388243	1.302791	0.9567	0.9608	0.00E+00	4.35E-01	9.80E-03	1.59E-02	3.06E+01	3.05E+01
159	1.450721	1.364851	0.9618	0.964	0.00E+00	4.81E-01	9.68E-03	1.49E-02	2.88E+01	2.87E+01
160	1.525842	1.439392	0.9666	0.9678	0.00E+00	5.28E-01	9.54E-03	1.40E-02	2.71E+01	2.71E+01
161	1.616166	1.528919	0.9711	0.9719	0.00E+00	5.73E-01	9.39E-03	1.32E-02	2.57E+01	2.56E+01
162	1.724767	1.636436	0.9754	0.9759	0.00E+00	6.17E-01	9.25E-03	1.25E-02	2.44E+01	2.43E+01
163	1.855346	1.765521	0.9791	0.9796	0.00E+00	6.58E-01	9.12E-03	1.19E-02	2.33E+01	2.32E+01
164	2.01235	1.920521	0.9825	0.983	0.00E+00	6.96E-01	9.01E-03	1.14E-02	2.23E+01	2.23E+01
165	2.201127	2.10664	0.9855	0.9861	0.00E+00	7.30E-01	8.90E-03	1.09E-02	2.15E+01	2.15E+01
166	2.428105	2.3301	0.9882	0.9888	0.00E+00	7.61E-01	8.81E-03	1.05E-02	2.08E+01	2.08E+01
167	2.701017	2.598381	0.9904	0.991	0.00E+00	7.89E-01	8.72E-03	1.02E-02	2.02E+01	2.02E+01
168	3.029157	2.920534	0.9923	0.9929	0.00E+00	8.14E-01	8.64E-03	9.93E-03	1.97E+01	1.97E+01
169	3.423702	3.3074	0.994	0.9944	0.00E+00	8.35E-01	8.56E-03	9.67E-03	1.92E+01	1.92E+01