

a=12 degree										
nx	x	xc	uei	uev	cf	uc	theta	dls	dd	db
2	0.00586	-0.032541	0.1031	0.1031	5.08E-02	0.00E+00	3.45E-05	7.66E-05	1.58E-02	1.58E-02
3	0.011396	-0.02745	0.2106	0.2106	2.68E-02	0.00E+00	3.26E-05	7.18E-05	3.02E-02	3.02E-02
4	0.016604	-0.022751	0.335	0.335	1.87E-02	0.00E+00	2.98E-05	6.53E-05	4.38E-02	4.38E-02
5	0.021481	-0.018457	0.4801	0.4801	1.45E-02	0.00E+00	2.70E-05	5.91E-05	5.67E-02	5.67E-02
6	0.026023	-0.014585	0.6503	0.6503	1.20E-02	0.00E+00	2.44E-05	5.31E-05	6.91E-02	6.91E-02
7	0.030226	-0.011156	0.8487	0.8487	1.03E-02	0.00E+00	2.20E-05	4.77E-05	8.10E-02	8.10E-02
8	0.034088	-0.008186	1.0798	1.0798	9.04E-03	0.00E+00	1.98E-05	4.28E-05	9.25E-02	9.25E-02
9	0.037607	-0.005697	1.3416	1.3416	8.07E-03	0.00E+00	1.79E-05	3.87E-05	1.04E-01	1.04E-01
10	0.040779	-0.003699	1.6293	1.6293	7.29E-03	0.00E+00	1.63E-05	3.53E-05	1.15E-01	1.15E-01
11	0.043541	-0.002218	1.9246	1.9246	6.57E-03	0.00E+00	1.52E-05	3.29E-05	1.27E-01	1.27E-01
12	0.045847	-0.001225	2.1867	2.1867	5.93E-03	0.00E+00	1.45E-05	3.17E-05	1.39E-01	1.39E-01
13	0.047734	-0.000611	2.4025	2.4025	5.42E-03	0.00E+00	1.43E-05	3.13E-05	1.50E-01	1.50E-01
14	0.049235	-0.000267	2.5703	2.5703	4.99E-03	0.00E+00	1.42E-05	3.13E-05	1.61E-01	1.61E-01
15	0.050384	-0.000098	2.6893	2.6893	4.68E-03	0.00E+00	1.43E-05	3.16E-05	1.70E-01	1.70E-01
16	0.051212	-0.000026	2.7715	2.7715	4.54E-03	0.00E+00	1.43E-05	3.17E-05	1.76E-01	1.76E-01
17	0.051706	-0.000005	2.8248	2.8248	4.24E-03	0.00E+00	1.44E-05	3.22E-05	1.82E-01	1.82E-01
18	0.051964	0	2.8424	2.8424	4.03E-03	0.00E+00	1.45E-05	3.28E-05	1.86E-01	1.86E-01
19	0.052168	0	2.855	2.855	3.95E-03	0.00E+00	1.47E-05	3.32E-05	1.90E-01	1.90E-01
20	0.052427	0.000005	2.8744	2.8636	3.70E-03	0.00E+00	1.49E-05	3.44E-05	1.97E-01	1.97E-01
21	0.052921	0.000026	2.8986	2.8865	3.53E-03	0.00E+00	1.53E-05	3.53E-05	2.04E-01	2.04E-01
22	0.053749	0.000098	2.9465	2.9322	3.43E-03	0.00E+00	1.57E-05	3.62E-05	2.12E-01	2.12E-01
23	0.054898	0.000267	3.0051	2.9904	3.23E-03	0.00E+00	1.62E-05	3.76E-05	2.25E-01	2.25E-01
24	0.056399	0.000611	3.0598	3.045	2.94E-03	0.00E+00	1.72E-05	4.00E-05	2.44E-01	2.44E-01
25	0.058285	0.001225	3.0958	3.0809	2.59E-03	0.00E+00	1.87E-05	4.37E-05	2.69E-01	2.69E-01
26	0.060592	0.002218	3.0984	3.0847	2.20E-03	0.00E+00	2.13E-05	4.98E-05	3.07E-01	3.07E-01
27	0.063353	0.003699	3.0527	3.0409	1.94E-03	0.00E+00	2.57E-05	5.85E-05	3.56E-01	3.56E-01
28	0.066526	0.005697	2.9749	2.9622	1.91E-03	0.00E+00	3.11E-05	6.78E-05	4.02E-01	4.02E-01
29	0.070044	0.008186	2.8794	2.8666	2.04E-03	0.00E+00	3.90E-05	7.94E-05	4.55E-01	4.55E-01
30	0.073907	0.011156	2.7756	2.7628	2.27E-03	0.00E+00	4.95E-05	9.38E-05	5.18E-01	5.18E-01
31	0.07811	0.014585	2.6726	2.6601	2.52E-03	0.00E+00	6.27E-05	1.12E-04	5.94E-01	5.94E-01
32	0.082652	0.018457	2.5747	2.563	2.73E-03	0.00E+00	7.84E-05	1.33E-04	6.84E-01	6.84E-01
33	0.087529	0.022751	2.484	2.4735	2.86E-03	0.00E+00	9.65E-05	1.59E-04	7.88E-01	7.88E-01
34	0.092736	0.02745	2.4014	2.3913	2.90E-03	0.00E+00	1.15E-04	1.88E-04	8.97E-01	8.97E-01
35	0.098273	0.032541	2.326	2.3171	2.84E-03	0.00E+00	1.37E-04	2.20E-04	1.02E+00	1.02E+00
36	0.104133	0.038009	2.2579	2.2496	2.77E-03	0.00E+00	1.60E-04	2.55E-04	1.15E+00	1.15E+00
37	0.110312	0.043844	2.1961	2.1885	2.72E-03	0.00E+00	1.86E-04	2.93E-04	1.28E+00	1.28E+00
38	0.116806	0.050033	2.1403	2.1332	2.67E-03	0.00E+00	2.13E-04	3.33E-04	1.42E+00	1.42E+00
39	0.123612	0.056571	2.0891	2.0825	2.62E-03	0.00E+00	2.41E-04	3.75E-04	1.56E+00	1.56E+00
40	0.130724	0.063446	2.0415	2.0354	2.56E-03	0.00E+00	2.72E-04	4.20E-04	1.71E+00	1.71E+00
41	0.138136	0.070651	1.9979	1.9923	2.52E-03	0.00E+00	3.03E-04	4.67E-04	1.86E+00	1.86E+00
42	0.145846	0.078176	1.958	1.9528	2.48E-03	0.00E+00	3.36E-04	5.15E-04	2.01E+00	2.01E+00
43	0.153846	0.086014	1.9216	1.9165	2.45E-03	0.00E+00	3.69E-04	5.65E-04	2.16E+00	2.16E+00
44	0.16213	0.094157	1.8876	1.8826	2.42E-03	0.00E+00	4.04E-04	6.16E-04	2.32E+00	2.32E+00
45	0.170695	0.102597	1.8557	1.8512	2.37E-03	0.00E+00	4.39E-04	6.70E-04	2.48E+00	2.48E+00
46	0.179533	0.111328	1.8251	1.8209	2.33E-03	0.00E+00	4.76E-04	7.25E-04	2.64E+00	2.64E+00
47	0.188639	0.120341	1.7971	1.7927	2.31E-03	0.00E+00	5.13E-04	7.81E-04	2.80E+00	2.80E+00
48	0.198006	0.129628	1.7708	1.7664	2.28E-03	0.00E+00	5.51E-04	8.38E-04	2.96E+00	2.96E+00
49	0.207627	0.139181	1.7453	1.7411	2.24E-03	0.00E+00	5.92E-04	8.98E-04	3.13E+00	3.13E+00
50	0.217497	0.148995	1.721	1.7173	2.21E-03	0.00E+00	6.33E-04	9.61E-04	3.30E+00	3.30E+00
51	0.227608	0.159058	1.698	1.6942	2.19E-03	0.00E+00	6.76E-04	1.02E-03	3.47E+00	3.47E+00
52	0.237953	0.169364	1.676	1.6725	2.16E-03	0.00E+00	7.19E-04	1.09E-03	3.64E+00	3.64E+00
53	0.248527	0.179905	1.6553	1.6517	2.14E-03	0.00E+00	7.62E-04	1.15E-03	3.81E+00	3.81E+00
54	0.259319	0.190672	1.6359	1.6321	2.12E-03	0.00E+00	8.07E-04	1.22E-03	3.98E+00	3.98E+00
55	0.270324	0.201657	1.6168	1.6131	2.09E-03	0.00E+00	8.56E-04	1.29E-03	4.16E+00	4.16E+00
56	0.281534	0.212851	1.5981	1.5948	2.07E-03	0.00E+00	9.03E-04	1.36E-03	4.34E+00	4.34E+00
57	0.292942	0.224248	1.5803	1.5769	2.04E-03	0.00E+00	9.54E-04	1.43E-03	4.52E+00	4.52E+00
58	0.304538	0.235836	1.5631	1.56	2.02E-03	0.00E+00	1.00E-03	1.51E-03	4.71E+00	4.71E+00
59	0.316316	0.247608	1.5469	1.5435	2.01E-03	0.00E+00	1.05E-03	1.58E-03	4.89E+00	4.89E+00

60	0.328268	0.259557	1.5311	1.5277	2.00E-03	0.00E+00	1.11E-03	1.66E-03	5.07E+00	5.07E+00
61	0.340384	0.271671	1.5155	1.5122	1.97E-03	0.00E+00	1.16E-03	1.74E-03	5.26E+00	5.26E+00
62	0.352656	0.283943	1.5003	1.4972	1.95E-03	0.00E+00	1.22E-03	1.82E-03	5.45E+00	5.45E+00
63	0.365077	0.296364	1.4856	1.4824	1.93E-03	0.00E+00	1.27E-03	1.90E-03	5.65E+00	5.65E+00
64	0.377638	0.308924	1.4714	1.4682	1.92E-03	0.00E+00	1.33E-03	1.99E-03	5.84E+00	5.84E+00
65	0.39033	0.321616	1.4575	1.4545	1.91E-03	0.00E+00	1.39E-03	2.08E-03	6.04E+00	6.04E+00
66	0.403143	0.334428	1.4443	1.4414	1.89E-03	0.00E+00	1.45E-03	2.17E-03	6.24E+00	6.24E+00
67	0.41607	0.347353	1.4314	1.4283	1.87E-03	0.00E+00	1.51E-03	2.25E-03	6.44E+00	6.44E+00
68	0.429102	0.360382	1.4186	1.4154	1.85E-03	0.00E+00	1.57E-03	2.35E-03	6.64E+00	6.64E+00
69	0.442229	0.373504	1.4061	1.4029	1.83E-03	0.00E+00	1.63E-03	2.44E-03	6.84E+00	6.84E+00
70	0.455442	0.386712	1.3938	1.3905	1.81E-03	0.00E+00	1.69E-03	2.53E-03	7.05E+00	7.05E+00
71	0.468733	0.399994	1.3817	1.3785	1.79E-03	0.00E+00	1.76E-03	2.63E-03	7.26E+00	7.26E+00
72	0.482092	0.413343	1.3701	1.3669	1.78E-03	0.00E+00	1.82E-03	2.73E-03	7.47E+00	7.48E+00
73	0.49551	0.426748	1.359	1.3557	1.76E-03	0.00E+00	1.89E-03	2.84E-03	7.69E+00	7.69E+00
74	0.508977	0.440201	1.348	1.3447	1.74E-03	0.00E+00	1.96E-03	2.94E-03	7.91E+00	7.91E+00
75	0.522485	0.453692	1.337	1.3338	1.72E-03	0.00E+00	2.04E-03	3.05E-03	8.14E+00	8.14E+00
76	0.536024	0.467211	1.3263	1.3233	1.70E-03	0.00E+00	2.11E-03	3.16E-03	8.37E+00	8.37E+00
77	0.549584	0.480749	1.3158	1.3128	1.68E-03	0.00E+00	2.18E-03	3.27E-03	8.59E+00	8.60E+00
78	0.563158	0.494298	1.3057	1.3025	1.67E-03	0.00E+00	2.25E-03	3.39E-03	8.82E+00	8.82E+00
79	0.576734	0.507847	1.2958	1.2925	1.65E-03	0.00E+00	2.32E-03	3.50E-03	9.05E+00	9.05E+00
80	0.590304	0.521388	1.2861	1.2826	1.63E-03	0.00E+00	2.40E-03	3.62E-03	9.28E+00	9.28E+00
81	0.603858	0.534909	1.2768	1.2731	1.61E-03	0.00E+00	2.47E-03	3.73E-03	9.51E+00	9.51E+00
82	0.617388	0.548405	1.2674	1.2636	1.59E-03	0.00E+00	2.55E-03	3.86E-03	9.75E+00	9.75E+00
83	0.630883	0.561863	1.2582	1.2542	1.57E-03	0.00E+00	2.63E-03	3.98E-03	9.99E+00	9.99E+00
84	0.644334	0.575274	1.249	1.245	1.55E-03	0.00E+00	2.71E-03	4.11E-03	1.02E+01	1.02E+01
85	0.657732	0.58863	1.2399	1.2359	1.53E-03	0.00E+00	2.79E-03	4.25E-03	1.05E+01	1.05E+01
86	0.671069	0.601923	1.2313	1.2272	1.51E-03	0.00E+00	2.88E-03	4.38E-03	1.08E+01	1.08E+01
87	0.684334	0.615142	1.2228	1.2186	1.49E-03	0.00E+00	2.97E-03	4.52E-03	1.10E+01	1.10E+01
88	0.697518	0.628278	1.2145	1.2102	1.47E-03	0.00E+00	3.06E-03	4.67E-03	1.13E+01	1.13E+01
89	0.710613	0.641324	1.2061	1.2019	1.45E-03	0.00E+00	3.14E-03	4.81E-03	1.16E+01	1.16E+01
90	0.72361	0.654268	1.198	1.1936	1.42E-03	0.00E+00	3.23E-03	4.96E-03	1.18E+01	1.18E+01
91	0.736498	0.667103	1.1904	1.1854	1.39E-03	0.00E+00	3.32E-03	5.11E-03	1.21E+01	1.21E+01
92	0.749271	0.67982	1.1829	1.1773	1.37E-03	0.00E+00	3.41E-03	5.26E-03	1.24E+01	1.24E+01
93	0.761918	0.69241	1.1748	1.1691	1.34E-03	0.00E+00	3.51E-03	5.43E-03	1.27E+01	1.27E+01
94	0.774431	0.704862	1.1665	1.1608	1.31E-03	0.00E+00	3.60E-03	5.60E-03	1.30E+01	1.30E+01
95	0.786801	0.717172	1.159	1.1528	1.29E-03	0.00E+00	3.71E-03	5.78E-03	1.33E+01	1.33E+01
96	0.799021	0.72933	1.152	1.1451	1.26E-03	0.00E+00	3.81E-03	5.95E-03	1.36E+01	1.36E+01
97	0.811081	0.741325	1.1447	1.1372	1.23E-03	0.00E+00	3.91E-03	6.14E-03	1.40E+01	1.40E+01
98	0.822973	0.753151	1.1367	1.1292	1.19E-03	0.00E+00	4.03E-03	6.35E-03	1.43E+01	1.43E+01
99	0.834689	0.764799	1.1287	1.1211	1.15E-03	0.00E+00	4.14E-03	6.57E-03	1.47E+01	1.47E+01
100	0.846221	0.776261	1.1204	1.1129	1.12E-03	0.00E+00	4.27E-03	6.80E-03	1.51E+01	1.51E+01
101	0.857561	0.78753	1.1122	1.1049	1.09E-03	0.00E+00	4.40E-03	7.04E-03	1.56E+01	1.56E+01
102	0.868701	0.798598	1.1042	1.0969	1.06E-03	0.00E+00	4.52E-03	7.29E-03	1.60E+01	1.60E+01
103	0.879634	0.809458	1.0965	1.0889	1.03E-03	0.00E+00	4.65E-03	7.55E-03	1.65E+01	1.65E+01
104	0.890351	0.820104	1.0889	1.081	9.98E-04	0.00E+00	4.78E-03	7.83E-03	1.69E+01	1.69E+01
105	0.900846	0.830526	1.0811	1.0731	9.62E-04	0.00E+00	4.92E-03	8.11E-03	1.74E+01	1.74E+01
106	0.911111	0.840717	1.0733	1.0653	9.25E-04	0.00E+00	5.06E-03	8.42E-03	1.79E+01	1.79E+01
107	0.921139	0.850672	1.0653	1.0575	8.85E-04	0.00E+00	5.20E-03	8.74E-03	1.85E+01	1.85E+01
108	0.930923	0.860383	1.0571	1.0498	8.45E-04	0.00E+00	5.34E-03	9.08E-03	1.91E+01	1.91E+01
109	0.940458	0.869844	1.0492	1.0422	8.03E-04	0.00E+00	5.49E-03	9.44E-03	1.97E+01	1.97E+01
110	0.949735	0.879049	1.0413	1.0348	7.60E-04	0.00E+00	5.64E-03	9.81E-03	2.03E+01	2.03E+01
111	0.958749	0.887991	1.0333	1.0276	7.15E-04	0.00E+00	5.80E-03	1.02E-02	2.10E+01	2.10E+01
112	0.967493	0.896665	1.0249	1.0205	6.68E-04	0.00E+00	5.95E-03	1.06E-02	2.17E+01	2.17E+01
113	0.975961	0.905062	1.0166	1.0137	6.22E-04	0.00E+00	6.11E-03	1.10E-02	2.24E+01	2.24E+01
114	0.984148	0.91318	1.0083	1.007	5.77E-04	0.00E+00	6.27E-03	1.15E-02	2.31E+01	2.32E+01
115	0.992048	0.921013	0.9997	1.0007	5.30E-04	0.00E+00	6.43E-03	1.20E-02	2.39E+01	2.39E+01
116	0.999655	0.928553	0.9906	0.9945	4.84E-04	0.00E+00	6.58E-03	1.24E-02	2.47E+01	2.48E+01
117	1.006965	0.935796	0.9813	0.9887	4.40E-04	0.00E+00	6.74E-03	1.29E-02	2.56E+01	2.56E+01
118	1.013971	0.942739	0.9722	0.9833	3.98E-04	0.00E+00	6.89E-03	1.34E-02	2.64E+01	2.64E+01
119	1.02067	0.949377	0.9631	0.9781	3.62E-04	0.00E+00	7.06E-03	1.39E-02	2.73E+01	2.73E+01

120	1.027056	0.955704	0.953	0.9736	3.28E-04	0.00E+00	7.21E-03	1.45E-02	2.82E+01	2.82E+01
121	1.033126	0.961716	0.9419	0.9692	2.89E-04	0.00E+00	7.35E-03	1.50E-02	2.91E+01	2.91E+01
122	1.038875	0.967408	0.9306	0.965	2.50E-04	0.00E+00	7.48E-03	1.55E-02	2.99E+01	3.00E+01
123	1.044299	0.97278	0.9186	0.9612	2.17E-04	0.00E+00	7.62E-03	1.60E-02	3.08E+01	3.09E+01
124	1.049224	0.977655	0.9059	0.9579	1.90E-04	0.00E+00	7.74E-03	1.65E-02	3.16E+01	3.17E+01
125	1.053503	0.981892	0.8932	0.9552	1.68E-04	0.00E+00	7.85E-03	1.70E-02	3.24E+01	3.24E+01
126	1.057189	0.985541	0.8805	0.9528	1.49E-04	0.00E+00	7.94E-03	1.73E-02	3.30E+01	3.31E+01
127	1.060342	0.988662	0.8677	0.9509	1.33E-04	0.00E+00	8.01E-03	1.77E-02	3.36E+01	3.37E+01
128	1.063022	0.991315	0.854	0.9493	1.20E-04	0.00E+00	8.08E-03	1.80E-02	3.41E+01	3.42E+01
129	1.06529	0.993559	0.8383	0.9479	1.11E-04	0.00E+00	8.14E-03	1.82E-02	3.46E+01	3.46E+01
130	1.067202	0.995451	0.8211	0.9468	1.03E-04	0.00E+00	8.18E-03	1.84E-02	3.49E+01	3.50E+01
131	1.068811	0.997043	0.8017	0.9459	9.87E-05	0.00E+00	8.22E-03	1.86E-02	3.52E+01	3.53E+01
132	1.070161	0.998379	0.7714	0.9452	1.03E-04	0.00E+00	8.25E-03	1.88E-02	3.55E+01	3.56E+01
133	1.071287	0.999494	0.7532	0.9447	1.15E-04	0.00E+00	8.27E-03	1.89E-02	3.56E+01	3.57E+01
134	1.072189	1.000395	0.7533	0.9441	0.00E+00	4.29E-02	8.29E-03	1.89E-02	3.57E+01	3.57E+01
135	1.073272	1.001479	0.7681	0.9438	0.00E+00	6.33E-02	8.31E-03	1.89E-02	3.56E+01	3.57E+01
136	1.074575	1.002782	0.7896	0.9434	0.00E+00	8.03E-02	8.32E-03	1.89E-02	3.56E+01	3.57E+01
137	1.076142	1.004348	0.8024	0.9431	0.00E+00	9.51E-02	8.33E-03	1.88E-02	3.55E+01	3.55E+01
138	1.078026	1.006232	0.8178	0.9429	0.00E+00	1.09E-01	8.34E-03	1.87E-02	3.53E+01	3.54E+01
139	1.080291	1.008497	0.8335	0.9427	0.00E+00	1.23E-01	8.35E-03	1.86E-02	3.51E+01	3.52E+01
140	1.083014	1.011219	0.8434	0.9425	0.00E+00	1.37E-01	8.36E-03	1.85E-02	3.49E+01	3.49E+01
141	1.086289	1.014493	0.8547	0.9423	0.00E+00	1.51E-01	8.36E-03	1.83E-02	3.46E+01	3.46E+01
142	1.090226	1.018429	0.8635	0.9422	0.00E+00	1.66E-01	8.37E-03	1.82E-02	3.42E+01	3.43E+01
143	1.094959	1.023161	0.8727	0.9421	0.00E+00	1.81E-01	8.37E-03	1.79E-02	3.38E+01	3.39E+01
144	1.100651	1.028851	0.8815	0.9421	0.00E+00	1.97E-01	8.37E-03	1.77E-02	3.33E+01	3.34E+01
145	1.107495	1.035691	0.8894	0.9422	0.00E+00	2.14E-01	8.37E-03	1.74E-02	3.28E+01	3.28E+01
146	1.115723	1.043914	0.8973	0.9425	0.00E+00	2.32E-01	8.36E-03	1.70E-02	3.21E+01	3.22E+01
147	1.125617	1.0538	0.905	0.9429	0.00E+00	2.51E-01	8.35E-03	1.66E-02	3.14E+01	3.14E+01
148	1.137513	1.065684	0.9124	0.9436	0.00E+00	2.73E-01	8.32E-03	1.62E-02	3.05E+01	3.06E+01
149	1.151816	1.07997	0.9195	0.9445	0.00E+00	2.96E-01	8.29E-03	1.57E-02	2.96E+01	2.96E+01
150	1.169014	1.097143	0.9263	0.9459	0.00E+00	3.21E-01	8.24E-03	1.51E-02	2.86E+01	2.86E+01
151	1.189691	1.117785	0.9329	0.9477	0.00E+00	3.50E-01	8.19E-03	1.45E-02	2.75E+01	2.75E+01
152	1.214554	1.142595	0.9392	0.95	0.00E+00	3.80E-01	8.11E-03	1.39E-02	2.64E+01	2.64E+01
153	1.244447	1.172413	0.9453	0.9528	0.00E+00	4.14E-01	8.02E-03	1.32E-02	2.52E+01	2.52E+01
154	1.28039	1.20825	0.9511	0.9562	0.00E+00	4.49E-01	7.92E-03	1.25E-02	2.40E+01	2.40E+01
155	1.323607	1.251315	0.9566	0.9599	0.00E+00	4.87E-01	7.81E-03	1.19E-02	2.28E+01	2.28E+01
156	1.37557	1.303064	0.9618	0.964	0.00E+00	5.25E-01	7.69E-03	1.13E-02	2.17E+01	2.17E+01
157	1.438048	1.365238	0.9666	0.968	0.00E+00	5.64E-01	7.58E-03	1.07E-02	2.07E+01	2.07E+01
158	1.513169	1.439937	0.971	0.9721	0.00E+00	6.02E-01	7.46E-03	1.02E-02	1.98E+01	1.98E+01
159	1.603492	1.52968	0.9752	0.976	0.00E+00	6.40E-01	7.36E-03	9.71E-03	1.90E+01	1.90E+01
160	1.712094	1.63749	0.979	0.9797	0.00E+00	6.76E-01	7.26E-03	9.30E-03	1.82E+01	1.82E+01
161	1.842674	1.766978	0.9823	0.983	0.00E+00	7.10E-01	7.18E-03	8.93E-03	1.76E+01	1.76E+01
162	1.999678	1.922518	0.9853	0.986	0.00E+00	7.41E-01	7.10E-03	8.62E-03	1.70E+01	1.70E+01
163	2.188454	2.109349	0.9879	0.9886	0.00E+00	7.70E-01	7.03E-03	8.34E-03	1.65E+01	1.65E+01
164	2.415433	2.333752	0.9902	0.9908	0.00E+00	7.96E-01	6.96E-03	8.10E-03	1.60E+01	1.60E+01
165	2.688345	2.603269	0.9921	0.9927	0.00E+00	8.19E-01	6.90E-03	7.89E-03	1.57E+01	1.57E+01
166	3.016485	2.927019	0.9937	0.9943	0.00E+00	8.40E-01	6.83E-03	7.69E-03	1.53E+01	1.53E+01
167	3.411031	3.31593	0.9951	0.9955	0.00E+00	8.58E-01	6.76E-03	7.51E-03	1.50E+01	1.50E+01