

a=18 degree										
nx	x	xc	uei	uev	cf	uc	theta	dls	dd	db
2	0.008	-0.07818	0.0593	0.0593	5.82E-02	0.00E+00	5.26E-05	1.16E-04	1.38E-02	1.38E-02
3	0.015709	-0.07065	0.1255	0.1255	2.95E-02	0.00E+00	4.94E-05	1.09E-04	2.74E-02	2.74E-02
4	0.023122	-0.06345	0.1986	0.1986	2.00E-02	0.00E+00	4.64E-05	1.02E-04	4.06E-02	4.06E-02
5	0.030234	-0.05657	0.2805	0.2805	1.52E-02	0.00E+00	4.34E-05	9.54E-05	5.35E-02	5.35E-02
6	0.03704	-0.05003	0.3717	0.3717	1.24E-02	0.00E+00	4.06E-05	8.89E-05	6.61E-02	6.61E-02
7	0.043534	-0.04384	0.4738	0.4738	1.05E-02	0.00E+00	3.78E-05	8.26E-05	7.82E-02	7.82E-02
8	0.049713	-0.03801	0.5897	0.5897	9.22E-03	0.00E+00	3.50E-05	7.62E-05	8.99E-02	8.99E-02
9	0.055573	-0.03254	0.7215	0.7215	8.25E-03	0.00E+00	3.22E-05	7.00E-05	1.01E-01	1.01E-01
10	0.061109	-0.02745	0.873	0.873	7.51E-03	0.00E+00	2.95E-05	6.39E-05	1.12E-01	1.12E-01
11	0.066317	-0.02275	1.0473	1.0473	6.92E-03	0.00E+00	2.69E-05	5.81E-05	1.22E-01	1.22E-01
12	0.071194	-0.01846	1.2492	1.2492	6.45E-03	0.00E+00	2.44E-05	5.26E-05	1.31E-01	1.31E-01
13	0.075736	-0.01459	1.4839	1.4839	6.05E-03	0.00E+00	2.21E-05	4.74E-05	1.41E-01	1.41E-01
14	0.079939	-0.01116	1.7547	1.7547	5.71E-03	0.00E+00	1.99E-05	4.26E-05	1.49E-01	1.49E-01
15	0.083801	-0.00819	2.0661	2.0661	5.40E-03	0.00E+00	1.79E-05	3.83E-05	1.58E-01	1.58E-01
16	0.08732	-0.0057	2.4133	2.4133	5.09E-03	0.00E+00	1.62E-05	3.47E-05	1.68E-01	1.68E-01
17	0.090492	-0.0037	2.7879	2.7879	4.79E-03	0.00E+00	1.49E-05	3.18E-05	1.78E-01	1.78E-01
18	0.093254	-0.00222	3.1637	3.1637	4.45E-03	0.00E+00	1.39E-05	2.99E-05	1.89E-01	1.89E-01
19	0.09556	-0.00123	3.4858	3.4858	4.09E-03	0.00E+00	1.34E-05	2.90E-05	2.02E-01	2.02E-01
20	0.097447	-0.00061	3.7421	3.7421	3.77E-03	0.00E+00	1.32E-05	2.88E-05	2.16E-01	2.16E-01
21	0.098948	-0.00027	3.9342	3.9342	3.49E-03	0.00E+00	1.32E-05	2.91E-05	2.29E-01	2.29E-01
22	0.100097	-9.8E-05	4.0653	4.0653	3.28E-03	0.00E+00	1.33E-05	2.96E-05	2.40E-01	2.40E-01
23	0.100925	-2.6E-05	4.1539	4.1539	3.20E-03	0.00E+00	1.34E-05	2.98E-05	2.47E-01	2.47E-01
24	0.101419	-5E-06	4.2129	4.2129	2.98E-03	0.00E+00	1.35E-05	3.03E-05	2.55E-01	2.55E-01
25	0.101677	0	4.2295	4.2085	2.56E-03	0.00E+00	1.39E-05	3.22E-05	2.71E-01	2.71E-01
26	0.101881	0	4.2417	4.2145	2.47E-03	0.00E+00	1.41E-05	3.27E-05	2.76E-01	2.76E-01
27	0.10214	0.000005	4.2612	4.2273	2.49E-03	0.00E+00	1.42E-05	3.29E-05	2.79E-01	2.79E-01
28	0.102634	0.000026	4.2776	4.2462	2.42E-03	0.00E+00	1.45E-05	3.40E-05	2.89E-01	2.89E-01
29	0.103462	0.000098	4.3157	4.2816	2.31E-03	0.00E+00	1.50E-05	3.51E-05	3.00E-01	3.00E-01
30	0.104611	0.000267	4.3576	4.3216	2.16E-03	0.00E+00	1.56E-05	3.67E-05	3.17E-01	3.17E-01
31	0.106112	0.000611	4.382	4.3465	1.90E-03	0.00E+00	1.67E-05	3.99E-05	3.47E-01	3.47E-01
32	0.107999	0.001225	4.3708	4.3361	1.57E-03	0.00E+00	1.86E-05	4.50E-05	3.90E-01	3.90E-01
33	0.110305	0.002218	4.3063	4.2726	1.25E-03	0.00E+00	2.16E-05	5.26E-05	4.49E-01	4.49E-01
34	0.113067	0.003699	4.1733	4.1428	9.93E-04	0.00E+00	2.65E-05	6.41E-05	5.31E-01	5.31E-01
35	0.116239	0.005697	4.0027	3.9733	9.01E-04	0.00E+00	3.35E-05	7.77E-05	6.18E-01	6.18E-01
36	0.119757	0.008186	3.8172	3.7878	9.60E-04	0.00E+00	4.30E-05	9.37E-05	7.09E-01	7.09E-01
37	0.12362	0.011156	3.6293	3.6002	1.11E-03	0.00E+00	5.52E-05	1.13E-04	8.11E-01	8.11E-01
38	0.127823	0.014585	3.4511	3.4218	1.34E-03	0.00E+00	7.03E-05	1.35E-04	9.21E-01	9.21E-01
39	0.132365	0.018457	3.2865	3.2577	1.58E-03	0.00E+00	8.86E-05	1.61E-04	1.05E+00	1.05E+00
40	0.137242	0.022751	3.1374	3.1092	1.78E-03	0.00E+00	1.10E-04	1.92E-04	1.19E+00	1.19E+00
41	0.14245	0.02745	3.0035	2.9765	1.95E-03	0.00E+00	1.34E-04	2.27E-04	1.35E+00	1.35E+00
42	0.147986	0.032541	2.883	2.8561	2.04E-03	0.00E+00	1.59E-04	2.67E-04	1.52E+00	1.52E+00
43	0.153846	0.038009	2.7753	2.7496	2.03E-03	0.00E+00	1.87E-04	3.11E-04	1.71E+00	1.71E+00
44	0.160025	0.043844	2.6783	2.6532	1.99E-03	0.00E+00	2.19E-04	3.60E-04	1.91E+00	1.91E+00
45	0.166519	0.050033	2.5911	2.5665	1.98E-03	0.00E+00	2.54E-04	4.13E-04	2.12E+00	2.12E+00
46	0.173325	0.056571	2.5117	2.4878	1.95E-03	0.00E+00	2.92E-04	4.71E-04	2.34E+00	2.34E+00
47	0.180437	0.063446	2.4387	2.4155	1.91E-03	0.00E+00	3.32E-04	5.34E-04	2.58E+00	2.58E+00
48	0.18785	0.070651	2.372	2.3494	1.88E-03	0.00E+00	3.74E-04	6.00E-04	2.82E+00	2.82E+00
49	0.195559	0.078176	2.3113	2.2891	1.84E-03	0.00E+00	4.18E-04	6.70E-04	3.07E+00	3.07E+00
50	0.203559	0.086014	2.256	2.2339	1.80E-03	0.00E+00	4.65E-04	7.43E-04	3.32E+00	3.32E+00
51	0.211844	0.094157	2.2045	2.1826	1.76E-03	0.00E+00	5.14E-04	8.20E-04	3.58E+00	3.58E+00
52	0.220408	0.102597	2.1565	2.1347	1.73E-03	0.00E+00	5.65E-04	9.01E-04	3.85E+00	3.85E+00
53	0.229246	0.111328	2.1106	2.0896	1.69E-03	0.00E+00	6.19E-04	9.88E-04	4.13E+00	4.13E+00
54	0.238352	0.120341	2.0691	2.0477	1.66E-03	0.00E+00	6.74E-04	1.07E-03	4.40E+00	4.40E+00
55	0.247719	0.129628	2.0299	2.0083	1.63E-03	0.00E+00	7.32E-04	1.17E-03	4.69E+00	4.69E+00
56	0.25734	0.139181	1.9922	1.9708	1.59E-03	0.00E+00	7.91E-04	1.26E-03	4.98E+00	4.98E+00
57	0.26721	0.148995	1.9565	1.9351	1.56E-03	0.00E+00	8.54E-04	1.36E-03	5.28E+00	5.28E+00
58	0.277321	0.159058	1.923	1.9015	1.53E-03	0.00E+00	9.21E-04	1.47E-03	5.59E+00	5.59E+00
59	0.287667	0.169364	1.891	1.8698	1.51E-03	0.00E+00	9.87E-04	1.58E-03	5.90E+00	5.90E+00
60	0.29824	0.179905	1.8611	1.8395	1.48E-03	0.00E+00	1.06E-03	1.69E-03	6.21E+00	6.21E+00
61	0.309033	0.190672	1.8329	1.8107	1.45E-03	0.00E+00	1.13E-03	1.80E-03	6.53E+00	6.53E+00
62	0.320037	0.201657	1.8052	1.7828	1.42E-03	0.00E+00	1.20E-03	1.92E-03	6.86E+00	6.86E+00
63	0.331247	0.212851	1.7786	1.7561	1.39E-03	0.00E+00	1.28E-03	2.05E-03	7.20E+00	7.20E+00

64	0.342655	0.224248	1.7532	1.7304	1.37E-03	0.00E+00	1.36E-03	2.18E-03	7.55E+00	7.55E+00
65	0.354252	0.235836	1.7289	1.7058	1.34E-03	0.00E+00	1.44E-03	2.32E-03	7.91E+00	7.91E+00
66	0.366029	0.247608	1.706	1.6824	1.31E-03	0.00E+00	1.52E-03	2.46E-03	8.27E+00	8.27E+00
67	0.377981	0.259557	1.6836	1.6594	1.29E-03	0.00E+00	1.61E-03	2.60E-03	8.64E+00	8.64E+00
68	0.390097	0.271671	1.6618	1.6372	1.27E-03	0.00E+00	1.70E-03	2.76E-03	9.03E+00	9.03E+00
69	0.40237	0.283943	1.6407	1.6158	1.25E-03	0.00E+00	1.80E-03	2.92E-03	9.43E+00	9.43E+00
70	0.41479	0.296364	1.6203	1.5948	1.23E-03	0.00E+00	1.89E-03	3.08E-03	9.83E+00	9.83E+00
71	0.427351	0.308924	1.6006	1.5747	1.21E-03	0.00E+00	2.00E-03	3.26E-03	1.03E+01	1.03E+01
72	0.440043	0.321616	1.5816	1.5552	1.19E-03	0.00E+00	2.10E-03	3.44E-03	1.07E+01	1.07E+01
73	0.452856	0.334428	1.5635	1.5361	1.16E-03	0.00E+00	2.20E-03	3.62E-03	1.11E+01	1.11E+01
74	0.465783	0.347353	1.5457	1.5175	1.14E-03	0.00E+00	2.31E-03	3.82E-03	1.16E+01	1.16E+01
75	0.478815	0.360382	1.5282	1.4992	1.12E-03	0.00E+00	2.42E-03	4.02E-03	1.21E+01	1.21E+01
76	0.491942	0.373504	1.5113	1.4814	1.09E-03	0.00E+00	2.54E-03	4.24E-03	1.26E+01	1.26E+01
77	0.505155	0.386712	1.4946	1.464	1.06E-03	0.00E+00	2.66E-03	4.46E-03	1.31E+01	1.31E+01
78	0.518446	0.399994	1.4784	1.4471	1.03E-03	0.00E+00	2.79E-03	4.71E-03	1.36E+01	1.36E+01
79	0.531805	0.413343	1.463	1.4307	1.01E-03	0.00E+00	2.92E-03	4.95E-03	1.42E+01	1.42E+01
80	0.545223	0.426748	1.4481	1.4146	9.80E-04	0.00E+00	3.05E-03	5.22E-03	1.48E+01	1.48E+01
81	0.55869	0.440201	1.4334	1.3986	9.48E-04	0.00E+00	3.19E-03	5.49E-03	1.54E+01	1.54E+01
82	0.572198	0.453692	1.4186	1.3829	9.14E-04	0.00E+00	3.34E-03	5.79E-03	1.60E+01	1.60E+01
83	0.585737	0.467211	1.4046	1.3676	8.78E-04	0.00E+00	3.48E-03	6.10E-03	1.67E+01	1.67E+01
84	0.599298	0.480749	1.3908	1.3526	8.41E-04	0.00E+00	3.64E-03	6.44E-03	1.74E+01	1.74E+01
85	0.612871	0.494298	1.3776	1.3379	8.04E-04	0.00E+00	3.80E-03	6.79E-03	1.82E+01	1.82E+01
86	0.626447	0.507847	1.3646	1.3236	7.66E-04	0.00E+00	3.98E-03	7.17E-03	1.90E+01	1.90E+01
87	0.640017	0.521388	1.3519	1.3096	7.26E-04	0.00E+00	4.16E-03	7.57E-03	1.98E+01	1.98E+01
88	0.653571	0.534909	1.3398	1.296	6.84E-04	0.00E+00	4.34E-03	8.00E-03	2.07E+01	2.07E+01
89	0.667101	0.548405	1.3275	1.2823	6.38E-04	0.00E+00	4.52E-03	8.47E-03	2.17E+01	2.17E+01
90	0.680596	0.561863	1.3156	1.269	5.87E-04	0.00E+00	4.72E-03	8.97E-03	2.28E+01	2.28E+01
91	0.694047	0.575274	1.3035	1.2559	5.36E-04	0.00E+00	4.92E-03	9.52E-03	2.39E+01	2.39E+01
92	0.707445	0.58863	1.2919	1.2433	4.86E-04	0.00E+00	5.12E-03	1.01E-02	2.51E+01	2.51E+01
93	0.720782	0.601923	1.281	1.2312	4.34E-04	0.00E+00	5.33E-03	1.07E-02	2.64E+01	2.64E+01
94	0.734047	0.615142	1.2701	1.2194	3.82E-04	0.00E+00	5.54E-03	1.14E-02	2.78E+01	2.78E+01
95	0.747231	0.628278	1.2594	1.2082	3.27E-04	0.00E+00	5.76E-03	1.21E-02	2.93E+01	2.93E+01
96	0.760326	0.641324	1.2486	1.1975	2.72E-04	0.00E+00	5.98E-03	1.29E-02	3.09E+01	3.09E+01
97	0.773323	0.654268	1.2385	1.1874	2.22E-04	0.00E+00	6.19E-03	1.37E-02	3.26E+01	3.26E+01
98	0.786211	0.667103	1.2291	1.1779	1.74E-04	0.00E+00	6.43E-03	1.46E-02	3.44E+01	3.44E+01
99	0.798984	0.67982	1.2192	1.1691	1.26E-04	0.00E+00	6.66E-03	1.56E-02	3.64E+01	3.64E+01
100	0.811631	0.69241	1.2086	1.1609	7.99E-05	0.00E+00	6.89E-03	1.66E-02	3.85E+01	3.85E+01
101	0.824144	0.704862	1.1981	1.1532	3.85E-05	0.00E+00	7.11E-03	1.77E-02	4.07E+01	4.07E+01
102	0.836515	0.717172	1.1895	1.1463	2.17E-06	0.00E+00	7.32E-03	1.88E-02	4.30E+01	4.30E+01
103	0.848734	0.72933	1.1808	1.14	-3.13E-05	0.00E+00	7.51E-03	1.99E-02	4.54E+01	4.54E+01
104	0.860794	0.741325	1.1709	1.1342	-6.07E-05	0.00E+00	7.69E-03	2.12E-02	4.80E+01	4.79E+01
105	0.872686	0.753151	1.1608	1.1291	-8.45E-05	0.00E+00	7.86E-03	2.24E-02	5.06E+01	5.05E+01
106	0.884402	0.764799	1.1509	1.1244	-1.04E-04	0.00E+00	8.02E-03	2.37E-02	5.34E+01	5.33E+01
107	0.895934	0.776261	1.1407	1.1203	-1.19E-04	0.00E+00	8.16E-03	2.51E-02	5.62E+01	5.61E+01
108	0.907274	0.78753	1.1306	1.1166	-1.32E-04	0.00E+00	8.30E-03	2.65E-02	5.91E+01	5.90E+01
109	0.918414	0.798598	1.1214	1.1133	-1.44E-04	0.00E+00	8.43E-03	2.78E-02	6.20E+01	6.19E+01
110	0.929347	0.809458	1.1121	1.1103	-1.54E-04	0.00E+00	8.55E-03	2.92E-02	6.49E+01	6.48E+01
111	0.940064	0.820104	1.1027	1.1075	-1.61E-04	0.00E+00	8.62E-03	3.07E-02	6.79E+01	6.77E+01
112	0.950559	0.830526	1.0934	1.105	-1.66E-04	0.00E+00	8.68E-03	3.21E-02	7.09E+01	7.07E+01
113	0.960824	0.840717	1.0839	1.1029	-1.69E-04	0.00E+00	8.73E-03	3.35E-02	7.38E+01	7.37E+01
114	0.970852	0.850672	1.0741	1.1009	-1.73E-04	0.00E+00	8.77E-03	3.49E-02	7.68E+01	7.66E+01
115	0.980636	0.860383	1.0645	1.0992	-1.80E-04	0.00E+00	8.81E-03	3.63E-02	7.98E+01	7.95E+01
116	0.990171	0.869844	1.0554	1.0976	-1.85E-04	0.00E+00	8.84E-03	3.77E-02	8.27E+01	8.24E+01
117	0.999448	0.879049	1.0461	1.0962	-1.91E-04	0.00E+00	8.90E-03	3.90E-02	8.55E+01	8.53E+01
118	1.008462	0.887991	1.0365	1.095	-1.97E-04	0.00E+00	8.94E-03	4.03E-02	8.83E+01	8.80E+01
119	1.017206	0.896665	1.0264	1.0938	-2.04E-04	0.00E+00	9.00E-03	4.16E-02	9.11E+01	9.08E+01
120	1.025674	0.905062	1.017	1.0927	-2.09E-04	0.00E+00	9.06E-03	4.29E-02	9.38E+01	9.34E+01
121	1.033861	0.91318	1.0076	1.0916	-2.14E-04	0.00E+00	9.13E-03	4.41E-02	9.64E+01	9.60E+01
122	1.041761	0.921013	0.9973	1.0906	-2.17E-04	0.00E+00	9.21E-03	4.53E-02	9.89E+01	9.85E+01
123	1.049368	0.928553	0.9865	1.0897	-2.20E-04	0.00E+00	9.29E-03	4.65E-02	1.01E+02	1.01E+02
124	1.056678	0.935796	0.9761	1.0889	-2.26E-04	0.00E+00	9.35E-03	4.76E-02	1.04E+02	1.03E+02
125	1.063684	0.942739	0.9666	1.0881	-2.31E-04	0.00E+00	9.38E-03	4.87E-02	1.06E+02	1.06E+02
126	1.070383	0.949377	0.956	1.0874	-2.34E-04	0.00E+00	9.40E-03	4.97E-02	1.08E+02	1.08E+02
127	1.07677	0.955704	0.9435	1.0867	-2.38E-04	0.00E+00	9.42E-03	5.06E-02	1.10E+02	1.10E+02

128	1.082839	0.961716	0.9311	1.0861	-2.41E-04	0.00E+00	9.44E-03	5.15E-02	1.12E+02	1.12E+02
129	1.088588	0.967408	0.9193	1.0855	-2.44E-04	0.00E+00	9.45E-03	5.24E-02	1.14E+02	1.13E+02
130	1.094012	0.97278	0.9056	1.085	-2.46E-04	0.00E+00	9.48E-03	5.32E-02	1.15E+02	1.15E+02
131	1.098937	0.977655	0.8921	1.0845	-2.49E-04	0.00E+00	9.51E-03	5.39E-02	1.17E+02	1.16E+02
132	1.103216	0.981892	0.8783	1.0841	-2.51E-04	0.00E+00	9.54E-03	5.44E-02	1.18E+02	1.18E+02
133	1.106902	0.985541	0.8656	1.0837	-2.54E-04	0.00E+00	9.57E-03	5.49E-02	1.19E+02	1.19E+02
134	1.110055	0.988662	0.852	1.0834	-2.57E-04	0.00E+00	9.63E-03	5.53E-02	1.20E+02	1.19E+02
135	1.112735	0.991315	0.8361	1.0832	-2.60E-04	0.00E+00	9.66E-03	5.57E-02	1.21E+02	1.20E+02
136	1.115003	0.993559	0.8178	1.083	-2.63E-04	0.00E+00	9.68E-03	5.59E-02	1.21E+02	1.21E+02
137	1.116915	0.995451	0.8012	1.0828	-2.66E-04	0.00E+00	9.69E-03	5.61E-02	1.22E+02	1.21E+02
138	1.118524	0.997043	0.7815	1.0827	-2.70E-04	0.00E+00	9.69E-03	5.63E-02	1.22E+02	1.21E+02
139	1.119874	0.998379	0.7511	1.0826	-2.74E-04	0.00E+00	9.70E-03	5.65E-02	1.22E+02	1.22E+02
140	1.121001	0.999494	0.7328	1.0824	-2.79E-04	0.00E+00	9.71E-03	5.66E-02	1.23E+02	1.22E+02
141	1.121902	1.000395	0.7325	1.0824	0.00E+00	-1.23E-01	9.71E-03	5.67E-02	1.23E+02	1.22E+02
142	1.122986	1.001479	0.7468	1.0824	0.00E+00	-1.31E-01	9.70E-03	5.68E-02	1.23E+02	1.22E+02
143	1.124288	1.002782	0.7678	1.0824	0.00E+00	-1.38E-01	9.70E-03	5.70E-02	1.23E+02	1.23E+02
144	1.125855	1.004348	0.7803	1.0824	0.00E+00	-1.45E-01	9.70E-03	5.71E-02	1.24E+02	1.23E+02
145	1.127739	1.006232	0.7954	1.0823	0.00E+00	-1.50E-01	9.71E-03	5.73E-02	1.24E+02	1.24E+02
146	1.130004	1.008496	0.8107	1.0821	0.00E+00	-1.54E-01	9.72E-03	5.75E-02	1.24E+02	1.24E+02
147	1.132727	1.011218	0.8204	1.0818	0.00E+00	-1.57E-01	9.74E-03	5.77E-02	1.25E+02	1.24E+02
148	1.136002	1.014491	0.8315	1.0814	0.00E+00	-1.58E-01	9.77E-03	5.80E-02	1.25E+02	1.25E+02
149	1.139939	1.018426	0.8402	1.0807	0.00E+00	-1.55E-01	9.82E-03	5.83E-02	1.26E+02	1.25E+02
150	1.144673	1.023156	0.8493	1.0798	0.00E+00	-1.48E-01	9.88E-03	5.86E-02	1.26E+02	1.26E+02
151	1.150364	1.028842	0.8581	1.0788	0.00E+00	-1.40E-01	9.96E-03	5.89E-02	1.27E+02	1.26E+02
152	1.157208	1.035677	0.866	1.0776	0.00E+00	-1.35E-01	1.00E-02	5.92E-02	1.27E+02	1.27E+02
153	1.165436	1.043892	0.8739	1.0762	0.00E+00	-1.33E-01	1.02E-02	5.94E-02	1.28E+02	1.27E+02
154	1.17533	1.053767	0.8817	1.0744	0.00E+00	-1.31E-01	1.03E-02	5.97E-02	1.28E+02	1.28E+02
155	1.187226	1.065636	0.8893	1.0721	0.00E+00	-1.28E-01	1.05E-02	5.99E-02	1.28E+02	1.28E+02
156	1.201529	1.079899	0.8967	1.069	0.00E+00	-1.25E-01	1.07E-02	6.00E-02	1.28E+02	1.28E+02
157	1.218726	1.097038	0.9039	1.0664	0.00E+00	-1.26E-01	1.09E-02	5.98E-02	1.27E+02	1.27E+02
158	1.239404	1.117631	0.911	1.0612	0.00E+00	-1.13E-01	1.13E-02	5.95E-02	1.26E+02	1.26E+02
159	1.264266	1.142371	0.9179	1.0548	0.00E+00	-8.79E-02	1.18E-02	5.90E-02	1.24E+02	1.24E+02
160	1.29416	1.17209	0.9247	1.0467	0.00E+00	-6.91E-02	1.25E-02	5.81E-02	1.22E+02	1.21E+02
161	1.330103	1.207784	0.9313	1.0359	0.00E+00	-4.42E-02	1.34E-02	5.68E-02	1.18E+02	1.17E+02
162	1.373319	1.250649	0.9378	1.0223	0.00E+00	-9.39E-03	1.45E-02	5.49E-02	1.12E+02	1.11E+02
163	1.425281	1.302117	0.9441	1.0061	0.00E+00	3.73E-02	1.59E-02	5.22E-02	1.05E+02	1.04E+02
164	1.487759	1.363893	0.95	0.9893	0.00E+00	9.91E-02	1.73E-02	4.87E-02	9.65E+01	9.58E+01
165	1.56288	1.438043	0.9558	0.9748	0.00E+00	1.75E-01	1.86E-02	4.45E-02	8.67E+01	8.63E+01
166	1.653202	1.527034	0.9613	0.9655	0.00E+00	2.62E-01	1.93E-02	3.98E-02	7.69E+01	7.67E+01
167	1.761803	1.633825	0.9665	0.9627	0.00E+00	3.50E-01	1.95E-02	3.53E-02	6.79E+01	6.78E+01
168	1.892382	1.761913	0.9712	0.9648	0.00E+00	4.35E-01	1.92E-02	3.13E-02	6.04E+01	6.03E+01
169	2.049385	1.915584	0.9756	0.9695	0.00E+00	5.11E-01	1.88E-02	2.82E-02	5.46E+01	5.45E+01
170	2.23816	2.099942	0.9796	0.975	0.00E+00	5.77E-01	1.83E-02	2.57E-02	5.02E+01	5.01E+01
171	2.465137	2.321082	0.9832	0.98	0.00E+00	6.33E-01	1.79E-02	2.39E-02	4.69E+01	4.68E+01
172	2.738047	2.586317	0.9863	0.9843	0.00E+00	6.81E-01	1.76E-02	2.25E-02	4.44E+01	4.43E+01
173	3.066185	2.90454	0.9889	0.9877	0.00E+00	7.21E-01	1.73E-02	2.15E-02	4.24E+01	4.24E+01
174	3.460728	3.286377	0.9912	0.9902	0.00E+00	7.55E-01	1.72E-02	2.07E-02	4.09E+01	4.09E+01