

Tabulated potential for N1-E2

N1-E2

N 600 R 0.0000001 11.9800001

1	0.0000001	0.57990E+05	0.48600E+05
2	0.0200001	0.57026E+05	0.48200E+05
3	0.0400001	0.56070E+05	0.47800E+05
4	0.0600001	0.55122E+05	0.47400E+05
5	0.0800001	0.54182E+05	0.47000E+05
6	0.1000001	0.53250E+05	0.46600E+05
7	0.1200001	0.52326E+05	0.46200E+05
8	0.1400001	0.51410E+05	0.45800E+05
9	0.1600001	0.50502E+05	0.45400E+05
10	0.1800001	0.49602E+05	0.45000E+05
11	0.2000001	0.48712E+05	0.44500E+05
12	0.2200001	0.47830E+05	0.44100E+05
13	0.2400001	0.46956E+05	0.43700E+05
14	0.2600001	0.46090E+05	0.43300E+05
15	0.2800001	0.45232E+05	0.42900E+05
16	0.3000001	0.44382E+05	0.42500E+05
17	0.3200001	0.43540E+05	0.42100E+05
18	0.3400001	0.42706E+05	0.41700E+05
19	0.3600001	0.41880E+05	0.41300E+05
20	0.3800001	0.41062E+05	0.40900E+05
21	0.4000001	0.40252E+05	0.40500E+05
22	0.4200001	0.39450E+05	0.40100E+05
23	0.4400001	0.38656E+05	0.39700E+05
24	0.4600001	0.37870E+05	0.39300E+05
25	0.4800001	0.37092E+05	0.38900E+05
26	0.5000001	0.36322E+05	0.38500E+05
27	0.5200001	0.35560E+05	0.38100E+05
28	0.5400001	0.34806E+05	0.37700E+05
29	0.5600001	0.34060E+05	0.37300E+05
30	0.5800001	0.33322E+05	0.36900E+05
31	0.6000001	0.32592E+05	0.36500E+05
32	0.6200001	0.31870E+05	0.36100E+05
33	0.6400001	0.31156E+05	0.35700E+05
34	0.6600001	0.30450E+05	0.35300E+05
35	0.6800001	0.29754E+05	0.34800E+05
36	0.7000001	0.29066E+05	0.34400E+05
37	0.7200001	0.28386E+05	0.34000E+05
38	0.7400001	0.27714E+05	0.33600E+05
39	0.7600001	0.27050E+05	0.33200E+05
40	0.7800001	0.26394E+05	0.32800E+05
41	0.8000001	0.25746E+05	0.32400E+05
42	0.8200001	0.25106E+05	0.32000E+05
43	0.8400001	0.24474E+05	0.31600E+05
44	0.8600001	0.23850E+05	0.31200E+05
45	0.8800001	0.23234E+05	0.30800E+05
46	0.9000001	0.22626E+05	0.30400E+05
47	0.9200001	0.22026E+05	0.30000E+05
48	0.9400001	0.21434E+05	0.29600E+05
49	0.9600001	0.20850E+05	0.29200E+05
50	0.9800001	0.20274E+05	0.28800E+05
51	1.0000001	0.19706E+05	0.28400E+05
52	1.0200001	0.19146E+05	0.28000E+05
53	1.0400001	0.18594E+05	0.27600E+05
54	1.0600001	0.18050E+05	0.27200E+05
55	1.0800001	0.17514E+05	0.26800E+05
56	1.1000001	0.16986E+05	0.26400E+05
57	1.1200001	0.16466E+05	0.26000E+05
58	1.1400001	0.15956E+05	0.25500E+05
59	1.1600001	0.15454E+05	0.25100E+05
60	1.1800001	0.14960E+05	0.24700E+05
61	1.2000001	0.14474E+05	0.24300E+05

62	1.2200001	0.13996E+05	0.23900E+05
63	1.2400001	0.13526E+05	0.23500E+05
64	1.2600001	0.13064E+05	0.23100E+05
65	1.2800001	0.12610E+05	0.22700E+05
66	1.3000001	0.12164E+05	0.22300E+05
67	1.3200001	0.11726E+05	0.21900E+05
68	1.3400001	0.11296E+05	0.21500E+05
69	1.3600001	0.10874E+05	0.21100E+05
70	1.3800001	0.10460E+05	0.20700E+05
71	1.4000001	0.10054E+05	0.20300E+05
72	1.4200001	0.96556E+04	0.19900E+05
73	1.4400001	0.92656E+04	0.19500E+05
74	1.4600001	0.88836E+04	0.19100E+05
75	1.4800001	0.85096E+04	0.18700E+05
76	1.5000001	0.81436E+04	0.18300E+05
77	1.5200001	0.77856E+04	0.17900E+05
78	1.5400001	0.74356E+04	0.17500E+05
79	1.5600001	0.70936E+04	0.17100E+05
80	1.5800001	0.67596E+04	0.16700E+05
81	1.6000001	0.64336E+04	0.16300E+05
82	1.6200001	0.61176E+04	0.15800E+05
83	1.6400001	0.58096E+04	0.15400E+05
84	1.6600001	0.55096E+04	0.15000E+05
85	1.6800001	0.52176E+04	0.14600E+05
86	1.7000001	0.49336E+04	0.14200E+05
87	1.7200001	0.46576E+04	0.13800E+05
88	1.7400001	0.43896E+04	0.13400E+05
89	1.7600001	0.41296E+04	0.13000E+05
90	1.7800001	0.38776E+04	0.12600E+05
91	1.8000001	0.36336E+04	0.12200E+05
92	1.8200001	0.33976E+04	0.11800E+05
93	1.8400001	0.31696E+04	0.11400E+05
94	1.8600001	0.29496E+04	0.11000E+05
95	1.8800001	0.27376E+04	0.10600E+05
96	1.9000001	0.25336E+04	0.10200E+05
97	1.9200001	0.23378E+04	0.97900E+04
98	1.9400001	0.21502E+04	0.93800E+04
99	1.9600001	0.19706E+04	0.89800E+04
100	1.9800001	0.17992E+04	0.85700E+04
101	2.0000001	0.16358E+04	0.81700E+04
102	2.0200001	0.14806E+04	0.77600E+04
103	2.0400001	0.13334E+04	0.73600E+04
104	2.0600001	0.11942E+04	0.69600E+04
105	2.0800001	0.10632E+04	0.65500E+04
106	2.1000001	0.94018E+03	0.61500E+04
107	2.1200001	0.82538E+03	0.57400E+04
108	2.1400001	0.71858E+03	0.53400E+04
109	2.1600001	0.61978E+03	0.49400E+04
110	2.1800001	0.52918E+03	0.45300E+04
111	2.2000001	0.44658E+03	0.41300E+04
112	2.2200001	0.37218E+03	0.37200E+04
113	2.2400001	0.30578E+03	0.33200E+04
114	2.2600001	0.24758E+03	0.29100E+04
115	2.2800001	0.19738E+03	0.25100E+04
116	2.3000001	0.15518E+03	0.21100E+04
117	2.3200001	0.12118E+03	0.17000E+04
118	2.3400001	0.95176E+02	0.13000E+04
119	2.3600001	0.75256E+02	0.99600E+03
120	2.3800001	0.59856E+02	0.77000E+03
121	2.4000001	0.47876E+02	0.59900E+03
122	2.4200001	0.38496E+02	0.46900E+03
123	2.4400001	0.31116E+02	0.36900E+03
124	2.4600001	0.25276E+02	0.29200E+03
125	2.4800001	0.20616E+02	0.23300E+03
126	2.5000001	0.16896E+02	0.18600E+03
127	2.5200001	0.13896E+02	0.15000E+03

128	2.5400001	0.11476E+02	0.12100E+03
129	2.5600001	0.95155E+01	0.98000E+02
130	2.5800001	0.79175E+01	0.79900E+02
131	2.6000001	0.66115E+01	0.65300E+02
132	2.6200001	0.55375E+01	0.53700E+02
133	2.6400001	0.46515E+01	0.44300E+02
134	2.6600001	0.39195E+01	0.36600E+02
135	2.6800001	0.33115E+01	0.30400E+02
136	2.7000001	0.28055E+01	0.25300E+02
137	2.7200001	0.23815E+01	0.21200E+02
138	2.7400001	0.20255E+01	0.17800E+02
139	2.7600001	0.17275E+01	0.14900E+02
140	2.7800001	0.14755E+01	0.12600E+02
141	2.8000001	0.12615E+01	0.10700E+02
142	2.8200001	0.10809E+01	0.90300E+01
143	2.8400001	0.92755E+00	0.76700E+01
144	2.8600001	0.79675E+00	0.65400E+01
145	2.8800001	0.68515E+00	0.55800E+01
146	2.9000001	0.58955E+00	0.47800E+01
147	2.9200001	0.50755E+00	0.41000E+01
148	2.9400001	0.43715E+00	0.35200E+01
149	2.9600001	0.37655E+00	0.30300E+01
150	2.9800001	0.32435E+00	0.26100E+01
151	3.0000001	0.27935E+00	0.22500E+01
152	3.0200001	0.24035E+00	0.19500E+01
153	3.0400001	0.20655E+00	0.16900E+01
154	3.0600001	0.17735E+00	0.14600E+01
155	3.0800001	0.15195E+00	0.12700E+01
156	3.1000001	0.12995E+00	0.11000E+01
157	3.1200001	0.11075E+00	0.96000E+00
158	3.1400001	0.94027E-01	0.83600E+00
159	3.1600001	0.79467E-01	0.72800E+00
160	3.1800001	0.66767E-01	0.63500E+00
161	3.2000001	0.55687E-01	0.55400E+00
162	3.2200001	0.46027E-01	0.48300E+00
163	3.2400001	0.37587E-01	0.42200E+00
164	3.2600001	0.30227E-01	0.36800E+00
165	3.2800001	0.23807E-01	0.32100E+00
166	3.3000001	0.18187E-01	0.28100E+00
167	3.3200001	0.13307E-01	0.24400E+00
168	3.3400001	0.90466E-02	0.21300E+00
169	3.3600001	0.53466E-02	0.18500E+00
170	3.3800001	0.21066E-02	0.16200E+00
171	3.4000001	-0.67339E-03	0.13900E+00
172	3.4200001	-0.30934E-02	0.12100E+00
173	3.4400001	-0.51934E-02	0.10500E+00
174	3.4600001	-0.69914E-02	0.89900E-01
175	3.4800001	-0.85454E-02	0.77700E-01
176	3.5000001	-0.98654E-02	0.66000E-01
177	3.5200001	-0.10989E-01	0.56200E-01
178	3.5400001	-0.11949E-01	0.48000E-01
179	3.5600001	-0.12747E-01	0.39900E-01
180	3.5800001	-0.13419E-01	0.33600E-01
181	3.6000001	-0.13963E-01	0.27200E-01
182	3.6200001	-0.14413E-01	0.22500E-01
183	3.6400001	-0.14763E-01	0.17500E-01
184	3.6600001	-0.15031E-01	0.13400E-01
185	3.6800001	-0.15230E-01	0.99200E-02
186	3.7000001	-0.15366E-01	0.68200E-02
187	3.7200001	-0.15458E-01	0.45800E-02
188	3.7400001	-0.15492E-01	0.17300E-02
189	3.7600001	-0.15475E-01	-0.86300E-03
190	3.7800001	-0.15442E-01	-0.16600E-02
191	3.8000001	-0.15368E-01	-0.37000E-02
192	3.8200001	-0.15267E-01	-0.50500E-02
193	3.8400001	-0.15142E-01	-0.62400E-02

194	3.86000001	-0.15008E-01	-0.66900E-02
195	3.88000001	-0.14837E-01	-0.85800E-02
196	3.90000001	-0.14661E-01	-0.87800E-02
197	3.92000001	-0.14473E-01	-0.94200E-02
198	3.94000001	-0.14274E-01	-0.99200E-02
199	3.96000001	-0.14068E-01	-0.10300E-01
200	3.98000001	-0.13854E-01	-0.10700E-01
201	4.00000001	-0.13636E-01	-0.10900E-01
202	4.02000001	-0.13414E-01	-0.11100E-01
203	4.04000001	-0.13190E-01	-0.11200E-01
204	4.06000001	-0.12952E-01	-0.11900E-01
205	4.08000001	-0.12714E-01	-0.11900E-01
206	4.10000001	-0.12476E-01	-0.11900E-01
207	4.12000001	-0.12238E-01	-0.11900E-01
208	4.14000001	-0.12000E-01	-0.11900E-01
209	4.16000001	-0.11764E-01	-0.11800E-01
210	4.18000001	-0.11530E-01	-0.11700E-01
211	4.20000001	-0.11298E-01	-0.11600E-01
212	4.22000001	-0.11066E-01	-0.11600E-01
213	4.24000001	-0.10840E-01	-0.11300E-01
214	4.26000001	-0.10620E-01	-0.11000E-01
215	4.28000001	-0.10402E-01	-0.10900E-01
216	4.30000001	-0.10186E-01	-0.10800E-01
217	4.32000001	-0.99723E-02	-0.10700E-01
218	4.34000001	-0.97603E-02	-0.10600E-01
219	4.36000001	-0.95543E-02	-0.10300E-01
220	4.38000001	-0.93543E-02	-0.10000E-01
221	4.40000001	-0.91557E-02	-0.99300E-02
222	4.42000001	-0.89611E-02	-0.97300E-02
223	4.44000001	-0.87703E-02	-0.95400E-02
224	4.46000001	-0.85835E-02	-0.93400E-02
225	4.48000001	-0.84005E-02	-0.91500E-02
226	4.50000001	-0.82213E-02	-0.89600E-02
227	4.52000001	-0.80461E-02	-0.87600E-02
228	4.54000001	-0.78747E-02	-0.85700E-02
229	4.56000001	-0.77069E-02	-0.83900E-02
230	4.58000001	-0.75461E-02	-0.80400E-02
231	4.60000001	-0.73873E-02	-0.79400E-02
232	4.62000001	-0.72307E-02	-0.78300E-02
233	4.64000001	-0.70777E-02	-0.76500E-02
234	4.66000001	-0.69281E-02	-0.74800E-02
235	4.68000001	-0.67821E-02	-0.73000E-02
236	4.70000001	-0.66393E-02	-0.71400E-02
237	4.72000001	-0.64993E-02	-0.70000E-02
238	4.74000001	-0.63631E-02	-0.68100E-02
239	4.76000001	-0.62303E-02	-0.66400E-02
240	4.78000001	-0.61005E-02	-0.64900E-02
241	4.80000001	-0.59739E-02	-0.63300E-02
242	4.82000001	-0.58501E-02	-0.61900E-02
243	4.84000001	-0.57267E-02	-0.61700E-02
244	4.86000001	-0.56037E-02	-0.61500E-02
245	4.88000001	-0.54809E-02	-0.61400E-02
246	4.90000001	-0.53585E-02	-0.61200E-02
247	4.92000001	-0.52589E-02	-0.49800E-02
248	4.94000001	-0.51619E-02	-0.48500E-02
249	4.96000001	-0.50675E-02	-0.47200E-02
250	4.98000001	-0.49755E-02	-0.46000E-02
251	5.00000001	-0.48861E-02	-0.44700E-02
252	5.02000001	-0.47989E-02	-0.43600E-02
253	5.04000001	-0.47119E-02	-0.43500E-02
254	5.06000001	-0.46251E-02	-0.43400E-02
255	5.08000001	-0.45385E-02	-0.43300E-02
256	5.10000001	-0.44521E-02	-0.43200E-02
257	5.12000001	-0.43659E-02	-0.43100E-02
258	5.14000001	-0.42819E-02	-0.42000E-02
259	5.16000001	-0.41997E-02	-0.41100E-02

260	5.18000001	-0.41195E-02	-0.40100E-02
261	5.20000001	-0.40413E-02	-0.39100E-02
262	5.22000001	-0.39647E-02	-0.38300E-02
263	5.24000001	-0.38901E-02	-0.37300E-02
264	5.26000001	-0.38173E-02	-0.36400E-02
265	5.28000001	-0.37461E-02	-0.35600E-02
266	5.30000001	-0.36765E-02	-0.34800E-02
267	5.32000001	-0.36083E-02	-0.34100E-02
268	5.34000001	-0.35417E-02	-0.33300E-02
269	5.36000001	-0.34767E-02	-0.32500E-02
270	5.38000001	-0.34133E-02	-0.31700E-02
271	5.40000001	-0.33519E-02	-0.30700E-02
272	5.42000001	-0.32917E-02	-0.30100E-02
273	5.44000001	-0.32327E-02	-0.29500E-02
274	5.46000001	-0.31749E-02	-0.28900E-02
275	5.48000001	-0.31191E-02	-0.27900E-02
276	5.50000001	-0.30643E-02	-0.27400E-02
277	5.52000001	-0.30105E-02	-0.26900E-02
278	5.54000001	-0.29577E-02	-0.26400E-02
279	5.56000001	-0.29063E-02	-0.25700E-02
280	5.58000001	-0.28559E-02	-0.25200E-02
281	5.60000001	-0.28069E-02	-0.24500E-02
282	5.62000001	-0.27589E-02	-0.24000E-02
283	5.64000001	-0.27119E-02	-0.23500E-02
284	5.66000001	-0.26659E-02	-0.23000E-02
285	5.68000001	-0.26209E-02	-0.22500E-02
286	5.70000001	-0.25769E-02	-0.22000E-02
287	5.72000001	-0.25337E-02	-0.21600E-02
288	5.74000001	-0.24913E-02	-0.21200E-02
289	5.76000001	-0.24499E-02	-0.20700E-02
290	5.78000001	-0.24095E-02	-0.20200E-02
291	5.80000001	-0.23699E-02	-0.19800E-02
292	5.82000001	-0.23313E-02	-0.19300E-02
293	5.84000001	-0.22933E-02	-0.19000E-02
294	5.86000001	-0.22561E-02	-0.18600E-02
295	5.88000001	-0.22199E-02	-0.18100E-02
296	5.90000001	-0.21843E-02	-0.17800E-02
297	5.92000001	-0.21495E-02	-0.17400E-02
298	5.94000001	-0.21155E-02	-0.17000E-02
299	5.96000001	-0.20821E-02	-0.16700E-02
300	5.98000001	-0.20495E-02	-0.16300E-02
301	6.00000001	-0.20175E-02	-0.16000E-02
302	6.02000001	-0.19861E-02	-0.15700E-02
303	6.04000001	-0.19553E-02	-0.15400E-02
304	6.06000001	-0.19253E-02	-0.15000E-02
305	6.08000001	-0.18957E-02	-0.14800E-02
306	6.10000001	-0.18667E-02	-0.14500E-02
307	6.12000001	-0.18383E-02	-0.14200E-02
308	6.14000001	-0.18105E-02	-0.13900E-02
309	6.16000001	-0.17833E-02	-0.13600E-02
310	6.18000001	-0.17567E-02	-0.13300E-02
311	6.20000001	-0.17305E-02	-0.13100E-02
312	6.22000001	-0.17049E-02	-0.12800E-02
313	6.24000001	-0.16797E-02	-0.12600E-02
314	6.26000001	-0.16551E-02	-0.12300E-02
315	6.28000001	-0.16309E-02	-0.12100E-02
316	6.30000001	-0.16071E-02	-0.11900E-02
317	6.32000001	-0.15837E-02	-0.11700E-02
318	6.34000001	-0.15609E-02	-0.11400E-02
319	6.36000001	-0.15385E-02	-0.11200E-02
320	6.38000001	-0.15165E-02	-0.11000E-02
321	6.40000001	-0.14949E-02	-0.10800E-02
322	6.42000001	-0.14737E-02	-0.10600E-02
323	6.44000001	-0.14529E-02	-0.10400E-02
324	6.46000001	-0.14325E-02	-0.10200E-02
325	6.48000001	-0.14125E-02	-0.99900E-03

326	6.5000001	-0.13929E-02	-0.98200E-03
327	6.5200001	-0.13736E-02	-0.96400E-03
328	6.5400001	-0.13547E-02	-0.94600E-03
329	6.5600001	-0.13361E-02	-0.92800E-03
330	6.5800001	-0.13179E-02	-0.91200E-03
331	6.6000001	-0.13000E-02	-0.89600E-03
332	6.6200001	-0.12824E-02	-0.88000E-03
333	6.6400001	-0.12651E-02	-0.86500E-03
334	6.6600001	-0.12481E-02	-0.84900E-03
335	6.6800001	-0.12314E-02	-0.83400E-03
336	6.7000001	-0.12150E-02	-0.82000E-03
337	6.7200001	-0.11989E-02	-0.80500E-03
338	6.7400001	-0.11831E-02	-0.79200E-03
339	6.7600001	-0.11675E-02	-0.77800E-03
340	6.7800001	-0.11522E-02	-0.76500E-03
341	6.8000001	-0.11372E-02	-0.75100E-03
342	6.8200001	-0.11224E-02	-0.73900E-03
343	6.8400001	-0.11079E-02	-0.72600E-03
344	6.8600001	-0.10936E-02	-0.71400E-03
345	6.8800001	-0.10796E-02	-0.70100E-03
346	6.9000001	-0.10658E-02	-0.69000E-03
347	6.9200001	-0.10522E-02	-0.67900E-03
348	6.9400001	-0.10389E-02	-0.66800E-03
349	6.9600001	-0.10257E-02	-0.65700E-03
350	6.9800001	-0.10128E-02	-0.64600E-03
351	7.0000001	-0.10001E-02	-0.63600E-03
352	7.0200001	-0.98757E-03	-0.62600E-03
353	7.0400001	-0.97527E-03	-0.61500E-03
354	7.0600001	-0.96315E-03	-0.60600E-03
355	7.0800001	-0.95123E-03	-0.59600E-03
356	7.1000001	-0.93951E-03	-0.58600E-03
357	7.1200001	-0.92795E-03	-0.57800E-03
358	7.1400001	-0.91657E-03	-0.56900E-03
359	7.1600001	-0.90539E-03	-0.55900E-03
360	7.1800001	-0.89437E-03	-0.55100E-03
361	7.2000001	-0.88353E-03	-0.54200E-03
362	7.2200001	-0.87285E-03	-0.53400E-03
363	7.2400001	-0.86233E-03	-0.52600E-03
364	7.2600001	-0.85197E-03	-0.51800E-03
365	7.2800001	-0.84177E-03	-0.51000E-03
366	7.3000001	-0.83173E-03	-0.50200E-03
367	7.3200001	-0.82183E-03	-0.49500E-03
368	7.3400001	-0.81209E-03	-0.48700E-03
369	7.3600001	-0.80251E-03	-0.47900E-03
370	7.3800001	-0.79309E-03	-0.47100E-03
371	7.4000001	-0.78381E-03	-0.46400E-03
372	7.4200001	-0.77467E-03	-0.45700E-03
373	7.4400001	-0.76565E-03	-0.45100E-03
374	7.4600001	-0.75675E-03	-0.44500E-03
375	7.4800001	-0.74797E-03	-0.43900E-03
376	7.5000001	-0.73931E-03	-0.43300E-03
377	7.5200001	-0.73077E-03	-0.42700E-03
378	7.5400001	-0.72235E-03	-0.42100E-03
379	7.5600001	-0.71407E-03	-0.41400E-03
380	7.5800001	-0.70591E-03	-0.40800E-03
381	7.6000001	-0.69787E-03	-0.40200E-03
382	7.6200001	-0.68991E-03	-0.39800E-03
383	7.6400001	-0.68205E-03	-0.39300E-03
384	7.6600001	-0.67429E-03	-0.38800E-03
385	7.6800001	-0.66665E-03	-0.38200E-03
386	7.7000001	-0.65911E-03	-0.37700E-03
387	7.7200001	-0.65167E-03	-0.37200E-03
388	7.7400001	-0.64433E-03	-0.36700E-03
389	7.7600001	-0.63709E-03	-0.36200E-03
390	7.7800001	-0.62995E-03	-0.35700E-03
391	7.8000001	-0.62293E-03	-0.35100E-03

392	7.8200001	-0.61597E-03	-0.34800E-03
393	7.8400001	-0.60909E-03	-0.34400E-03
394	7.8600001	-0.60231E-03	-0.33900E-03
395	7.8800001	-0.59561E-03	-0.33500E-03
396	7.9000001	-0.58899E-03	-0.33100E-03
397	7.9200001	-0.58247E-03	-0.32600E-03
398	7.9400001	-0.57603E-03	-0.32200E-03
399	7.9600001	-0.56967E-03	-0.31800E-03
400	7.9800001	-0.56339E-03	-0.31400E-03
401	8.0000001	-0.55719E-03	-0.31000E-03
402	8.0200001	-0.55107E-03	-0.30600E-03
403	8.0400001	-0.54503E-03	-0.30200E-03
404	8.0600001	-0.53907E-03	-0.29800E-03
405	8.0800001	-0.53319E-03	-0.29400E-03
406	8.1000001	-0.52737E-03	-0.29100E-03
407	8.1200001	-0.52161E-03	-0.28800E-03
408	8.1400001	-0.51591E-03	-0.28500E-03
409	8.1600001	-0.51029E-03	-0.28100E-03
410	8.1800001	-0.50473E-03	-0.27800E-03
411	8.2000001	-0.49925E-03	-0.27400E-03
412	8.2200001	-0.49383E-03	-0.27100E-03
413	8.2400001	-0.48847E-03	-0.26800E-03
414	8.2600001	-0.48315E-03	-0.26600E-03
415	8.2800001	-0.47791E-03	-0.26200E-03
416	8.3000001	-0.47273E-03	-0.25900E-03
417	8.3200001	-0.46761E-03	-0.25600E-03
418	8.3400001	-0.46253E-03	-0.25400E-03
419	8.3600001	-0.45751E-03	-0.25100E-03
420	8.3800001	-0.45255E-03	-0.24800E-03
421	8.4000001	-0.44763E-03	-0.24600E-03
422	8.4200001	-0.44277E-03	-0.24300E-03
423	8.4400001	-0.43797E-03	-0.24000E-03
424	8.4600001	-0.43321E-03	-0.23800E-03
425	8.4800001	-0.42851E-03	-0.23500E-03
426	8.5000001	-0.42387E-03	-0.23200E-03
427	8.5200001	-0.41927E-03	-0.23000E-03
428	8.5400001	-0.41473E-03	-0.22700E-03
429	8.5600001	-0.41025E-03	-0.22400E-03
430	8.5800001	-0.40581E-03	-0.22200E-03
431	8.6000001	-0.40141E-03	-0.22000E-03
432	8.6200001	-0.39705E-03	-0.21800E-03
433	8.6400001	-0.39275E-03	-0.21500E-03
434	8.6600001	-0.38849E-03	-0.21300E-03
435	8.6800001	-0.38431E-03	-0.20900E-03
436	8.7000001	-0.38015E-03	-0.20800E-03
437	8.7200001	-0.37603E-03	-0.20600E-03
438	8.7400001	-0.37195E-03	-0.20400E-03
439	8.7600001	-0.36791E-03	-0.20200E-03
440	8.7800001	-0.36391E-03	-0.20000E-03
441	8.8000001	-0.35995E-03	-0.19800E-03
442	8.8200001	-0.35603E-03	-0.19600E-03
443	8.8400001	-0.35215E-03	-0.19400E-03
444	8.8600001	-0.34831E-03	-0.19200E-03
445	8.8800001	-0.34451E-03	-0.19000E-03
446	8.9000001	-0.34075E-03	-0.18800E-03
447	8.9200001	-0.33701E-03	-0.18700E-03
448	8.9400001	-0.33331E-03	-0.18500E-03
449	8.9600001	-0.32965E-03	-0.18300E-03
450	8.9800001	-0.32601E-03	-0.18200E-03
451	9.0000001	-0.32241E-03	-0.18000E-03
452	9.0200001	-0.31885E-03	-0.17800E-03
453	9.0400001	-0.31533E-03	-0.17600E-03
454	9.0600001	-0.31185E-03	-0.17400E-03
455	9.0800001	-0.30839E-03	-0.17300E-03
456	9.1000001	-0.30495E-03	-0.17200E-03
457	9.1200001	-0.30155E-03	-0.17000E-03

458	9.1400001	-0.29817E-03	-0.16900E-03
459	9.1600001	-0.29483E-03	-0.16700E-03
460	9.1800001	-0.29153E-03	-0.16500E-03
461	9.2000001	-0.28825E-03	-0.16400E-03
462	9.2200001	-0.28501E-03	-0.16200E-03
463	9.2400001	-0.28179E-03	-0.16100E-03
464	9.2600001	-0.27861E-03	-0.15900E-03
465	9.2800001	-0.27545E-03	-0.15800E-03
466	9.3000001	-0.27231E-03	-0.15700E-03
467	9.3200001	-0.26921E-03	-0.15500E-03
468	9.3400001	-0.26613E-03	-0.15400E-03
469	9.3600001	-0.26307E-03	-0.15300E-03
470	9.3800001	-0.26005E-03	-0.15100E-03
471	9.4000001	-0.25705E-03	-0.15000E-03
472	9.4200001	-0.25407E-03	-0.14900E-03
473	9.4400001	-0.25113E-03	-0.14700E-03
474	9.4600001	-0.24821E-03	-0.14600E-03
475	9.4800001	-0.24531E-03	-0.14500E-03
476	9.5000001	-0.24243E-03	-0.14400E-03
477	9.5200001	-0.23957E-03	-0.14300E-03
478	9.5400001	-0.23675E-03	-0.14100E-03
479	9.5600001	-0.23395E-03	-0.14000E-03
480	9.5800001	-0.23117E-03	-0.13900E-03
481	9.6000001	-0.22841E-03	-0.13800E-03
482	9.6200001	-0.22567E-03	-0.13700E-03
483	9.6400001	-0.22295E-03	-0.13600E-03
484	9.6600001	-0.22025E-03	-0.13500E-03
485	9.6800001	-0.21757E-03	-0.13400E-03
486	9.7000001	-0.21491E-03	-0.13300E-03
487	9.7200001	-0.21227E-03	-0.13200E-03
488	9.7400001	-0.20965E-03	-0.13100E-03
489	9.7600001	-0.20705E-03	-0.13000E-03
490	9.7800001	-0.20447E-03	-0.12900E-03
491	9.8000001	-0.20191E-03	-0.12800E-03
492	9.8200001	-0.19937E-03	-0.12700E-03
493	9.8400001	-0.19685E-03	-0.12600E-03
494	9.8600001	-0.19435E-03	-0.12500E-03
495	9.8800001	-0.19187E-03	-0.12400E-03
496	9.9000001	-0.18941E-03	-0.12300E-03
497	9.9200001	-0.18697E-03	-0.12200E-03
498	9.9400001	-0.18455E-03	-0.12100E-03
499	9.9600001	-0.18215E-03	-0.12000E-03
500	9.9800001	-0.17977E-03	-0.11900E-03
501	10.0000001	-0.17741E-03	-0.11800E-03
502	10.0200001	-0.17505E-03	-0.11800E-03
503	10.0400001	-0.17271E-03	-0.11700E-03
504	10.0600001	-0.17039E-03	-0.11600E-03
505	10.0800001	-0.16809E-03	-0.11500E-03
506	10.1000001	-0.16579E-03	-0.11500E-03
507	10.1200001	-0.16351E-03	-0.11400E-03
508	10.1400001	-0.16125E-03	-0.11300E-03
509	10.1600001	-0.15899E-03	-0.11300E-03
510	10.1800001	-0.15675E-03	-0.11200E-03
511	10.2000001	-0.15453E-03	-0.11100E-03
512	10.2200001	-0.15233E-03	-0.11000E-03
513	10.2400001	-0.15015E-03	-0.10900E-03
514	10.2600001	-0.14797E-03	-0.10900E-03
515	10.2800001	-0.14581E-03	-0.10800E-03
516	10.3000001	-0.14365E-03	-0.10800E-03
517	10.3200001	-0.14151E-03	-0.10700E-03
518	10.3400001	-0.13937E-03	-0.10700E-03
519	10.3600001	-0.13725E-03	-0.10600E-03
520	10.3800001	-0.13515E-03	-0.10500E-03
521	10.4000001	-0.13307E-03	-0.10400E-03
522	10.4200001	-0.13101E-03	-0.10300E-03
523	10.4400001	-0.12897E-03	-0.10200E-03

524	10.4600001	-0.12693E-03	-0.10200E-03
525	10.4800001	-0.12491E-03	-0.10100E-03
526	10.5000001	-0.12289E-03	-0.10100E-03
527	10.5200001	-0.12089E-03	-0.99900E-04
528	10.5400001	-0.11891E-03	-0.99200E-04
529	10.5600001	-0.11694E-03	-0.98600E-04
530	10.5800001	-0.11498E-03	-0.98000E-04
531	10.6000001	-0.11303E-03	-0.97400E-04
532	10.6200001	-0.11109E-03	-0.96900E-04
533	10.6400001	-0.10917E-03	-0.96200E-04
534	10.6600001	-0.10724E-03	-0.96100E-04
535	10.6800001	-0.10532E-03	-0.96000E-04
536	10.7000001	-0.10341E-03	-0.95900E-04
537	10.7200001	-0.10149E-03	-0.95800E-04
538	10.7400001	-0.99576E-04	-0.95700E-04
539	10.7600001	-0.97664E-04	-0.95600E-04
540	10.7800001	-0.95754E-04	-0.95500E-04
541	10.8000001	-0.93846E-04	-0.95400E-04
542	10.8200001	-0.91940E-04	-0.95300E-04
543	10.8400001	-0.90036E-04	-0.95200E-04
544	10.8600001	-0.88134E-04	-0.95100E-04
545	10.8800001	-0.86234E-04	-0.95000E-04
546	10.9000001	-0.84336E-04	-0.94900E-04
547	10.9200001	-0.82448E-04	-0.94400E-04
548	10.9400001	-0.80570E-04	-0.93900E-04
549	10.9600001	-0.78702E-04	-0.93400E-04
550	10.9800001	-0.76834E-04	-0.93400E-04
551	11.0000001	-0.74986E-04	-0.92400E-04
552	11.0200001	-0.73152E-04	-0.91700E-04
553	11.0400001	-0.71330E-04	-0.91100E-04
554	11.0600001	-0.69510E-04	-0.91000E-04
555	11.0800001	-0.67692E-04	-0.90900E-04
556	11.1000001	-0.65898E-04	-0.89700E-04
557	11.1200001	-0.64130E-04	-0.88400E-04
558	11.1400001	-0.62372E-04	-0.87900E-04
559	11.1600001	-0.60616E-04	-0.87800E-04
560	11.1800001	-0.58864E-04	-0.87600E-04
561	11.2000001	-0.57120E-04	-0.87200E-04
562	11.2200001	-0.55402E-04	-0.85900E-04
563	11.2400001	-0.53688E-04	-0.85700E-04
564	11.2600001	-0.52002E-04	-0.84300E-04
565	11.2800001	-0.50334E-04	-0.83400E-04
566	11.3000001	-0.48674E-04	-0.83000E-04
567	11.3200001	-0.47010E-04	-0.83200E-04
568	11.3400001	-0.45354E-04	-0.82800E-04
569	11.3600001	-0.43706E-04	-0.82400E-04
570	11.3800001	-0.42062E-04	-0.82200E-04
571	11.4000001	-0.40442E-04	-0.81000E-04
572	11.4200001	-0.38832E-04	-0.80500E-04
573	11.4400001	-0.37232E-04	-0.80000E-04
574	11.4600001	-0.35644E-04	-0.79400E-04
575	11.4800001	-0.34066E-04	-0.78900E-04
576	11.5000001	-0.32500E-04	-0.78300E-04
577	11.5200001	-0.30944E-04	-0.77800E-04
578	11.5400001	-0.29398E-04	-0.77300E-04
579	11.5600001	-0.27862E-04	-0.76800E-04
580	11.5800001	-0.26336E-04	-0.76300E-04
581	11.6000001	-0.24820E-04	-0.75800E-04
582	11.6200001	-0.23314E-04	-0.75300E-04
583	11.6400001	-0.21818E-04	-0.74800E-04
584	11.6600001	-0.20332E-04	-0.74300E-04
585	11.6800001	-0.18856E-04	-0.73800E-04
586	11.7000001	-0.17390E-04	-0.73300E-04
587	11.7200001	-0.15934E-04	-0.72800E-04
588	11.7400001	-0.15934E-04	0.00000E+00
589	11.7600001	-0.15934E-04	0.00000E+00

590	11.7800001	0.000000E+00	0.000000E+00
591	11.8000001	0.000000E+00	0.000000E+00
592	11.8200001	0.000000E+00	0.000000E+00
593	11.8400001	0.000000E+00	0.000000E+00
594	11.8600001	0.000000E+00	0.000000E+00
595	11.8800001	0.000000E+00	0.000000E+00
596	11.9000001	0.000000E+00	0.000000E+00
597	11.9200001	0.000000E+00	0.000000E+00
598	11.9400001	0.000000E+00	0.000000E+00
599	11.9600001	0.000000E+00	0.000000E+00
600	11.9800001	0.000000E+00	0.000000E+00