

Tabulated potential for N1-N1

N1-N1

N 600 R 0.0000001 11.9800001

1	0.0000001	0.56422E+05	0.48400E+05
2	0.0200001	0.55462E+05	0.48000E+05
3	0.0400001	0.54510E+05	0.47600E+05
4	0.0600001	0.53566E+05	0.47200E+05
5	0.0800001	0.52630E+05	0.46800E+05
6	0.1000001	0.51702E+05	0.46400E+05
7	0.1200001	0.50782E+05	0.46000E+05
8	0.1400001	0.49870E+05	0.45600E+05
9	0.1600001	0.48968E+05	0.45100E+05
10	0.1800001	0.48074E+05	0.44700E+05
11	0.2000001	0.47188E+05	0.44300E+05
12	0.2200001	0.46310E+05	0.43900E+05
13	0.2400001	0.45440E+05	0.43500E+05
14	0.2600001	0.44578E+05	0.43100E+05
15	0.2800001	0.43724E+05	0.42700E+05
16	0.3000001	0.42878E+05	0.42300E+05
17	0.3200001	0.42042E+05	0.41800E+05
18	0.3400001	0.41214E+05	0.41400E+05
19	0.3600001	0.40394E+05	0.41000E+05
20	0.3800001	0.39582E+05	0.40600E+05
21	0.4000001	0.38778E+05	0.40200E+05
22	0.4200001	0.37982E+05	0.39800E+05
23	0.4400001	0.37194E+05	0.39400E+05
24	0.4600001	0.36416E+05	0.38900E+05
25	0.4800001	0.35646E+05	0.38500E+05
26	0.5000001	0.34884E+05	0.38100E+05
27	0.5200001	0.34130E+05	0.37700E+05
28	0.5400001	0.33384E+05	0.37300E+05
29	0.5600001	0.32646E+05	0.36900E+05
30	0.5800001	0.31916E+05	0.36500E+05
31	0.6000001	0.31194E+05	0.36100E+05
32	0.6200001	0.30482E+05	0.35600E+05
33	0.6400001	0.29778E+05	0.35200E+05
34	0.6600001	0.29082E+05	0.34800E+05
35	0.6800001	0.28394E+05	0.34400E+05
36	0.7000001	0.27714E+05	0.34000E+05
37	0.7200001	0.27042E+05	0.33600E+05
38	0.7400001	0.26378E+05	0.33200E+05
39	0.7600001	0.25722E+05	0.32800E+05
40	0.7800001	0.25076E+05	0.32300E+05
41	0.8000001	0.24438E+05	0.31900E+05
42	0.8200001	0.23808E+05	0.31500E+05
43	0.8400001	0.23186E+05	0.31100E+05
44	0.8600001	0.22572E+05	0.30700E+05
45	0.8800001	0.21966E+05	0.30300E+05
46	0.9000001	0.21368E+05	0.29900E+05
47	0.9200001	0.20778E+05	0.29500E+05
48	0.9400001	0.20198E+05	0.29000E+05
49	0.9600001	0.19626E+05	0.28600E+05
50	0.9800001	0.19062E+05	0.28200E+05
51	1.0000001	0.18506E+05	0.27800E+05
52	1.0200001	0.17958E+05	0.27400E+05
53	1.0400001	0.17418E+05	0.27000E+05
54	1.0600001	0.16886E+05	0.26600E+05
55	1.0800001	0.16364E+05	0.26100E+05
56	1.1000001	0.15850E+05	0.25700E+05
57	1.1200001	0.15344E+05	0.25300E+05
58	1.1400001	0.14846E+05	0.24900E+05
59	1.1600001	0.14356E+05	0.24500E+05
60	1.1800001	0.13874E+05	0.24100E+05
61	1.2000001	0.13400E+05	0.23700E+05

62	1.2200001	0.12934E+05	0.23300E+05
63	1.2400001	0.12478E+05	0.22800E+05
64	1.2600001	0.12030E+05	0.22400E+05
65	1.2800001	0.11590E+05	0.22000E+05
66	1.3000001	0.11158E+05	0.21600E+05
67	1.3200001	0.10734E+05	0.21200E+05
68	1.3400001	0.10318E+05	0.20800E+05
69	1.3600001	0.99098E+04	0.20400E+05
70	1.3800001	0.95098E+04	0.20000E+05
71	1.4000001	0.91198E+04	0.19500E+05
72	1.4200001	0.87378E+04	0.19100E+05
73	1.4400001	0.83638E+04	0.18700E+05
74	1.4600001	0.79978E+04	0.18300E+05
75	1.4800001	0.76398E+04	0.17900E+05
76	1.5000001	0.72898E+04	0.17500E+05
77	1.5200001	0.69478E+04	0.17100E+05
78	1.5400001	0.66158E+04	0.16600E+05
79	1.5600001	0.62918E+04	0.16200E+05
80	1.5800001	0.59758E+04	0.15800E+05
81	1.6000001	0.56678E+04	0.15400E+05
82	1.6200001	0.53678E+04	0.15000E+05
83	1.6400001	0.50758E+04	0.14600E+05
84	1.6600001	0.47918E+04	0.14200E+05
85	1.6800001	0.45158E+04	0.13800E+05
86	1.7000001	0.42498E+04	0.13300E+05
87	1.7200001	0.39918E+04	0.12900E+05
88	1.7400001	0.37418E+04	0.12500E+05
89	1.7600001	0.34998E+04	0.12100E+05
90	1.7800001	0.32658E+04	0.11700E+05
91	1.8000001	0.30398E+04	0.11300E+05
92	1.8200001	0.28218E+04	0.10900E+05
93	1.8400001	0.26118E+04	0.10500E+05
94	1.8600001	0.24118E+04	0.10000E+05
95	1.8800001	0.22192E+04	0.96300E+04
96	1.9000001	0.20350E+04	0.92100E+04
97	1.9200001	0.18590E+04	0.88000E+04
98	1.9400001	0.16912E+04	0.83900E+04
99	1.9600001	0.15318E+04	0.79700E+04
100	1.9800001	0.13806E+04	0.75600E+04
101	2.0000001	0.12376E+04	0.71500E+04
102	2.0200001	0.11028E+04	0.67400E+04
103	2.0400001	0.97638E+03	0.63200E+04
104	2.0600001	0.85818E+03	0.59100E+04
105	2.0800001	0.74818E+03	0.55000E+04
106	2.1000001	0.64658E+03	0.50800E+04
107	2.1200001	0.55318E+03	0.46700E+04
108	2.1400001	0.46798E+03	0.42600E+04
109	2.1600001	0.39118E+03	0.38400E+04
110	2.1800001	0.32258E+03	0.34300E+04
111	2.2000001	0.26218E+03	0.30200E+04
112	2.2200001	0.20998E+03	0.26100E+04
113	2.2400001	0.16618E+03	0.21900E+04
114	2.2600001	0.13058E+03	0.17800E+04
115	2.2800001	0.10318E+03	0.13700E+04
116	2.3000001	0.81976E+02	0.10600E+04
117	2.3200001	0.65536E+02	0.82200E+03
118	2.3400001	0.52676E+02	0.64300E+03
119	2.3600001	0.42556E+02	0.50600E+03
120	2.3800001	0.34536E+02	0.40100E+03
121	2.4000001	0.28156E+02	0.31900E+03
122	2.4200001	0.23056E+02	0.25500E+03
123	2.4400001	0.18956E+02	0.20500E+03
124	2.4600001	0.15656E+02	0.16500E+03
125	2.4800001	0.12976E+02	0.13400E+03
126	2.5000001	0.10796E+02	0.10900E+03
127	2.5200001	0.90123E+01	0.89200E+02

128	2.5400001	0.75483E+01	0.73200E+02
129	2.5600001	0.63403E+01	0.60400E+02
130	2.5800001	0.53423E+01	0.49900E+02
131	2.6000001	0.45143E+01	0.41400E+02
132	2.6200001	0.38243E+01	0.34500E+02
133	2.6400001	0.32483E+01	0.28800E+02
134	2.6600001	0.27663E+01	0.24100E+02
135	2.6800001	0.23603E+01	0.20300E+02
136	2.7000001	0.20183E+01	0.17100E+02
137	2.7200001	0.17283E+01	0.14500E+02
138	2.7400001	0.14823E+01	0.12300E+02
139	2.7600001	0.12743E+01	0.10400E+02
140	2.7800001	0.10969E+01	0.88700E+01
141	2.8000001	0.94546E+00	0.75700E+01
142	2.8200001	0.81586E+00	0.64800E+01
143	2.8400001	0.70486E+00	0.55500E+01
144	2.8600001	0.60946E+00	0.47700E+01
145	2.8800001	0.52726E+00	0.41100E+01
146	2.9000001	0.45646E+00	0.35400E+01
147	2.9200001	0.39526E+00	0.30600E+01
148	2.9400001	0.34226E+00	0.26500E+01
149	2.9600001	0.29646E+00	0.22900E+01
150	2.9800001	0.25666E+00	0.19900E+01
151	3.0000001	0.22206E+00	0.17300E+01
152	3.0200001	0.19206E+00	0.15000E+01
153	3.0400001	0.16586E+00	0.13100E+01
154	3.0600001	0.14306E+00	0.11400E+01
155	3.0800001	0.12312E+00	0.99700E+00
156	3.1000001	0.10570E+00	0.87100E+00
157	3.1200001	0.90460E-01	0.76200E+00
158	3.1400001	0.77140E-01	0.66600E+00
159	3.1600001	0.65480E-01	0.58300E+00
160	3.1800001	0.55260E-01	0.51100E+00
161	3.2000001	0.46320E-01	0.44700E+00
162	3.2200001	0.38460E-01	0.39300E+00
163	3.2400001	0.31580E-01	0.34400E+00
164	3.2600001	0.25560E-01	0.30100E+00
165	3.2800001	0.20280E-01	0.26400E+00
166	3.3000001	0.15660E-01	0.23100E+00
167	3.3200001	0.11600E-01	0.20300E+00
168	3.3400001	0.80603E-02	0.17700E+00
169	3.3600001	0.49603E-02	0.15500E+00
170	3.3800001	0.22403E-02	0.13600E+00
171	3.4000001	-0.11968E-03	0.11800E+00
172	3.4200001	-0.21797E-02	0.10300E+00
173	3.4400001	-0.39777E-02	0.89900E-01
174	3.4600001	-0.55317E-02	0.77700E-01
175	3.4800001	-0.68777E-02	0.67300E-01
176	3.5000001	-0.80397E-02	0.58100E-01
177	3.5200001	-0.90397E-02	0.50000E-01
178	3.5400001	-0.98937E-02	0.42700E-01
179	3.5600001	-0.10628E-01	0.36700E-01
180	3.5800001	-0.11246E-01	0.30900E-01
181	3.6000001	-0.11760E-01	0.25700E-01
182	3.6200001	-0.12190E-01	0.21500E-01
183	3.6400001	-0.12546E-01	0.17800E-01
184	3.6600001	-0.12834E-01	0.14400E-01
185	3.6800001	-0.13062E-01	0.11400E-01
186	3.7000001	-0.13228E-01	0.83000E-02
187	3.7200001	-0.13354E-01	0.63400E-02
188	3.7400001	-0.13449E-01	0.47200E-02
189	3.7600001	-0.13503E-01	0.27200E-02
190	3.7800001	-0.13522E-01	0.92300E-03
191	3.8000001	-0.13517E-01	-0.21800E-03
192	3.8200001	-0.13490E-01	-0.13500E-02
193	3.8400001	-0.13447E-01	-0.21800E-02

194	3.86000001	-0.13377E-01	-0.34900E-02
195	3.88000001	-0.13301E-01	-0.38000E-02
196	3.90000001	-0.13212E-01	-0.44400E-02
197	3.92000001	-0.13109E-01	-0.51700E-02
198	3.94000001	-0.12995E-01	-0.56900E-02
199	3.96000001	-0.12880E-01	-0.57500E-02
200	3.98000001	-0.12754E-01	-0.62900E-02
201	4.00000001	-0.12628E-01	-0.63200E-02
202	4.02000001	-0.12491E-01	-0.68300E-02
203	4.04000001	-0.12353E-01	-0.69300E-02
204	4.06000001	-0.12212E-01	-0.70200E-02
205	4.08000001	-0.12070E-01	-0.71200E-02
206	4.10000001	-0.11926E-01	-0.72100E-02
207	4.12000001	-0.11777E-01	-0.74400E-02
208	4.14000001	-0.11630E-01	-0.73400E-02
209	4.16000001	-0.11485E-01	-0.72400E-02
210	4.18000001	-0.11342E-01	-0.71400E-02
211	4.20000001	-0.11201E-01	-0.70500E-02
212	4.22000001	-0.11062E-01	-0.69600E-02
213	4.24000001	-0.10925E-01	-0.68800E-02
214	4.26000001	-0.10789E-01	-0.67900E-02
215	4.28000001	-0.10655E-01	-0.66800E-02
216	4.30000001	-0.10528E-01	-0.63600E-02
217	4.32000001	-0.10405E-01	-0.61300E-02
218	4.34000001	-0.10284E-01	-0.60900E-02
219	4.36000001	-0.10163E-01	-0.60300E-02
220	4.38000001	-0.10045E-01	-0.59200E-02
221	4.40000001	-0.99288E-02	-0.57900E-02
222	4.42000001	-0.98156E-02	-0.56600E-02
223	4.44000001	-0.97048E-02	-0.55400E-02
224	4.46000001	-0.95968E-02	-0.54000E-02
225	4.48000001	-0.94916E-02	-0.52600E-02
226	4.50000001	-0.93892E-02	-0.51200E-02
227	4.52000001	-0.92910E-02	-0.49100E-02
228	4.54000001	-0.91948E-02	-0.48100E-02
229	4.56000001	-0.91006E-02	-0.47100E-02
230	4.58000001	-0.90084E-02	-0.46100E-02
231	4.60000001	-0.89188E-02	-0.44800E-02
232	4.62000001	-0.88318E-02	-0.43500E-02
233	4.64000001	-0.87510E-02	-0.40400E-02
234	4.66000001	-0.86714E-02	-0.39800E-02
235	4.68000001	-0.85924E-02	-0.39500E-02
236	4.70000001	-0.85150E-02	-0.38700E-02
237	4.72000001	-0.84394E-02	-0.37800E-02
238	4.74000001	-0.83654E-02	-0.37000E-02
239	4.76000001	-0.82938E-02	-0.35800E-02
240	4.78000001	-0.82256E-02	-0.34100E-02
241	4.80000001	-0.81602E-02	-0.32700E-02
242	4.82000001	-0.80960E-02	-0.32100E-02
243	4.84000001	-0.80334E-02	-0.31300E-02
244	4.86000001	-0.79744E-02	-0.29500E-02
245	4.88000001	-0.79198E-02	-0.27300E-02
246	4.90000001	-0.78652E-02	-0.27300E-02
247	4.92000001	-0.78106E-02	-0.27300E-02
248	4.94000001	-0.77560E-02	-0.27300E-02
249	4.96000001	-0.77016E-02	-0.27200E-02
250	4.98000001	-0.76474E-02	-0.27100E-02
251	5.00000001	-0.75952E-02	-0.26100E-02
252	5.02000001	-0.75450E-02	-0.25100E-02
253	5.04000001	-0.74966E-02	-0.24200E-02
254	5.06000001	-0.74500E-02	-0.23300E-02
255	5.08000001	-0.74070E-02	-0.21500E-02
256	5.10000001	-0.73656E-02	-0.20700E-02
257	5.12000001	-0.73258E-02	-0.19900E-02
258	5.14000001	-0.72876E-02	-0.19100E-02
259	5.16000001	-0.72512E-02	-0.18200E-02

260	5.18000001	-0.72154E-02	-0.17900E-02
261	5.20000001	-0.71802E-02	-0.17600E-02
262	5.22000001	-0.71458E-02	-0.17200E-02
263	5.24000001	-0.71126E-02	-0.16600E-02
264	5.26000001	-0.70822E-02	-0.15200E-02
265	5.28000001	-0.70560E-02	-0.13100E-02
266	5.30000001	-0.70338E-02	-0.11100E-02
267	5.32000001	-0.70118E-02	-0.11000E-02
268	5.34000001	-0.69900E-02	-0.10900E-02
269	5.36000001	-0.69684E-02	-0.10800E-02
270	5.38000001	-0.69470E-02	-0.10700E-02
271	5.40000001	-0.69258E-02	-0.10600E-02
272	5.42000001	-0.69048E-02	-0.10500E-02
273	5.44000001	-0.68840E-02	-0.10400E-02
274	5.46000001	-0.68638E-02	-0.10100E-02
275	5.48000001	-0.68452E-02	-0.93000E-03
276	5.50000001	-0.68279E-02	-0.86500E-03
277	5.52000001	-0.68119E-02	-0.80000E-03
278	5.54000001	-0.67964E-02	-0.77200E-03
279	5.56000001	-0.67817E-02	-0.73800E-03
280	5.58000001	-0.67672E-02	-0.72400E-03
281	5.60000001	-0.67529E-02	-0.71400E-03
282	5.62000001	-0.67387E-02	-0.71300E-03
283	5.64000001	-0.67244E-02	-0.71200E-03
284	5.66000001	-0.67102E-02	-0.71100E-03
285	5.68000001	-0.66960E-02	-0.71000E-03
286	5.70000001	-0.66818E-02	-0.70900E-03
287	5.72000001	-0.66677E-02	-0.70800E-03
288	5.74000001	-0.66535E-02	-0.70700E-03
289	5.76000001	-0.66394E-02	-0.70600E-03
290	5.78000001	-0.66253E-02	-0.70500E-03
291	5.80000001	-0.66112E-02	-0.70400E-03
292	5.82000001	-0.65972E-02	-0.70300E-03
293	5.84000001	-0.65831E-02	-0.70200E-03
294	5.86000001	-0.65691E-02	-0.70100E-03
295	5.88000001	-0.65551E-02	-0.70000E-03
296	5.90000001	-0.65411E-02	-0.69900E-03
297	5.92000001	-0.65272E-02	-0.69800E-03
298	5.94000001	-0.65132E-02	-0.69700E-03
299	5.96000001	-0.64993E-02	-0.69600E-03
300	5.98000001	-0.64854E-02	-0.69500E-03
301	6.00000001	-0.64715E-02	-0.69400E-03
302	6.02000001	-0.64577E-02	-0.69300E-03
303	6.04000001	-0.64438E-02	-0.69200E-03
304	6.06000001	-0.64300E-02	-0.69100E-03
305	6.08000001	-0.64162E-02	-0.69000E-03
306	6.10000001	-0.64024E-02	-0.69000E-03
307	6.12000001	-0.63886E-02	-0.68900E-03
308	6.14000001	-0.63749E-02	-0.68800E-03
309	6.16000001	-0.63611E-02	-0.68700E-03
310	6.18000001	-0.63474E-02	-0.68600E-03
311	6.20000001	-0.63337E-02	-0.68500E-03
312	6.22000001	-0.63200E-02	-0.68400E-03
313	6.24000001	-0.63064E-02	-0.68300E-03
314	6.26000001	-0.62927E-02	-0.68200E-03
315	6.28000001	-0.62791E-02	-0.68100E-03
316	6.30000001	-0.62655E-02	-0.68000E-03
317	6.32000001	-0.62519E-02	-0.67900E-03
318	6.34000001	-0.62383E-02	-0.67900E-03
319	6.36000001	-0.62248E-02	-0.67800E-03
320	6.38000001	-0.62112E-02	-0.67700E-03
321	6.40000001	-0.61977E-02	-0.67600E-03
322	6.42000001	-0.61842E-02	-0.67500E-03
323	6.44000001	-0.61707E-02	-0.67400E-03
324	6.46000001	-0.61573E-02	-0.67200E-03
325	6.48000001	-0.61440E-02	-0.66700E-03

326	6.5000001	-0.61307E-02	-0.66200E-03
327	6.5200001	-0.61176E-02	-0.65700E-03
328	6.5400001	-0.61046E-02	-0.64900E-03
329	6.5600001	-0.60920E-02	-0.62900E-03
330	6.5800001	-0.60798E-02	-0.60900E-03
331	6.6000001	-0.60681E-02	-0.58900E-03
332	6.6200001	-0.60567E-02	-0.56900E-03
333	6.6400001	-0.60457E-02	-0.54900E-03
334	6.6600001	-0.60350E-02	-0.53600E-03
335	6.6800001	-0.60245E-02	-0.52300E-03
336	6.7000001	-0.60143E-02	-0.51000E-03
337	6.7200001	-0.60044E-02	-0.49700E-03
338	6.7400001	-0.59947E-02	-0.48400E-03
339	6.7600001	-0.59853E-02	-0.47000E-03
340	6.7800001	-0.59762E-02	-0.45700E-03
341	6.8000001	-0.59673E-02	-0.44400E-03
342	6.8200001	-0.59587E-02	-0.43100E-03
343	6.8400001	-0.59503E-02	-0.41800E-03
344	6.8600001	-0.59422E-02	-0.40500E-03
345	6.8800001	-0.59344E-02	-0.39100E-03
346	6.9000001	-0.59269E-02	-0.37300E-03
347	6.9200001	-0.59199E-02	-0.34900E-03
348	6.9400001	-0.59134E-02	-0.32900E-03
349	6.9600001	-0.59072E-02	-0.30900E-03
350	6.9800001	-0.59014E-02	-0.29000E-03
351	7.0000001	-0.58955E-02	-0.29400E-03
352	7.0200001	-0.58896E-02	-0.29700E-03
353	7.0400001	-0.58836E-02	-0.29800E-03
354	7.0600001	-0.58775E-02	-0.30500E-03
355	7.0800001	-0.58712E-02	-0.31600E-03
356	7.1000001	-0.58646E-02	-0.33000E-03
357	7.1200001	-0.58576E-02	-0.35000E-03
358	7.1400001	-0.58500E-02	-0.38000E-03
359	7.1600001	-0.58420E-02	-0.40000E-03
360	7.1800001	-0.58334E-02	-0.43100E-03
361	7.2000001	-0.58240E-02	-0.46600E-03
362	7.2200001	-0.58139E-02	-0.50500E-03
363	7.2400001	-0.58030E-02	-0.54800E-03
364	7.2600001	-0.57911E-02	-0.59400E-03
365	7.2800001	-0.57782E-02	-0.64400E-03
366	7.3000001	-0.57643E-02	-0.69800E-03
367	7.3200001	-0.57501E-02	-0.70600E-03
368	7.3400001	-0.57359E-02	-0.71400E-03
369	7.3600001	-0.57214E-02	-0.72200E-03
370	7.3800001	-0.57068E-02	-0.73000E-03
371	7.4000001	-0.56921E-02	-0.73800E-03
372	7.4200001	-0.56771E-02	-0.74600E-03
373	7.4400001	-0.56621E-02	-0.75400E-03
374	7.4600001	-0.56469E-02	-0.75600E-03
375	7.4800001	-0.56317E-02	-0.76100E-03
376	7.5000001	-0.56164E-02	-0.76700E-03
377	7.5200001	-0.56009E-02	-0.77200E-03
378	7.5400001	-0.55854E-02	-0.77700E-03
379	7.5600001	-0.55697E-02	-0.78300E-03
380	7.5800001	-0.55540E-02	-0.78800E-03
381	7.6000001	-0.55381E-02	-0.79400E-03
382	7.6200001	-0.55221E-02	-0.79900E-03
383	7.6400001	-0.55060E-02	-0.80400E-03
384	7.6600001	-0.54898E-02	-0.81000E-03
385	7.6800001	-0.54735E-02	-0.81500E-03
386	7.7000001	-0.54571E-02	-0.82000E-03
387	7.7200001	-0.54406E-02	-0.82600E-03
388	7.7400001	-0.54240E-02	-0.83100E-03
389	7.7600001	-0.54073E-02	-0.83700E-03
390	7.7800001	-0.53904E-02	-0.84200E-03
391	7.8000001	-0.53735E-02	-0.84700E-03

392	7.8200001	-0.53564E-02	-0.85300E-03
393	7.8400001	-0.53393E-02	-0.85800E-03
394	7.8600001	-0.53220E-02	-0.86300E-03
395	7.8800001	-0.53046E-02	-0.86900E-03
396	7.9000001	-0.52871E-02	-0.87400E-03
397	7.9200001	-0.52695E-02	-0.88000E-03
398	7.9400001	-0.52518E-02	-0.88500E-03
399	7.9600001	-0.52340E-02	-0.89000E-03
400	7.9800001	-0.52161E-02	-0.89600E-03
401	8.0000001	-0.51981E-02	-0.90100E-03
402	8.0200001	-0.51800E-02	-0.90600E-03
403	8.0400001	-0.51617E-02	-0.91200E-03
404	8.0600001	-0.51434E-02	-0.91700E-03
405	8.0800001	-0.51250E-02	-0.92200E-03
406	8.1000001	-0.51064E-02	-0.92800E-03
407	8.1200001	-0.50877E-02	-0.93300E-03
408	8.1400001	-0.50690E-02	-0.93900E-03
409	8.1600001	-0.50501E-02	-0.94400E-03
410	8.1800001	-0.50311E-02	-0.94900E-03
411	8.2000001	-0.50120E-02	-0.95500E-03
412	8.2200001	-0.49928E-02	-0.96000E-03
413	8.2400001	-0.49735E-02	-0.96500E-03
414	8.2600001	-0.49541E-02	-0.97100E-03
415	8.2800001	-0.49346E-02	-0.97600E-03
416	8.3000001	-0.49149E-02	-0.98200E-03
417	8.3200001	-0.48952E-02	-0.98700E-03
418	8.3400001	-0.48753E-02	-0.99200E-03
419	8.3600001	-0.48554E-02	-0.99800E-03
420	8.3800001	-0.48354E-02	-0.10000E-02
421	8.4000001	-0.48152E-02	-0.10100E-02
422	8.4200001	-0.47950E-02	-0.10100E-02
423	8.4400001	-0.47746E-02	-0.10200E-02
424	8.4600001	-0.47542E-02	-0.10200E-02
425	8.4800001	-0.47336E-02	-0.10300E-02
426	8.5000001	-0.47128E-02	-0.10400E-02
427	8.5200001	-0.46920E-02	-0.10400E-02
428	8.5400001	-0.46710E-02	-0.10500E-02
429	8.5600001	-0.46500E-02	-0.10500E-02
430	8.5800001	-0.46288E-02	-0.10600E-02
431	8.6000001	-0.46076E-02	-0.10600E-02
432	8.6200001	-0.45862E-02	-0.10700E-02
433	8.6400001	-0.45648E-02	-0.10700E-02
434	8.6600001	-0.45432E-02	-0.10800E-02
435	8.6800001	-0.45216E-02	-0.10800E-02
436	8.7000001	-0.44998E-02	-0.10900E-02
437	8.7200001	-0.44780E-02	-0.10900E-02
438	8.7400001	-0.44560E-02	-0.11000E-02
439	8.7600001	-0.44338E-02	-0.11100E-02
440	8.7800001	-0.44116E-02	-0.11100E-02
441	8.8000001	-0.43892E-02	-0.11200E-02
442	8.8200001	-0.43668E-02	-0.11200E-02
443	8.8400001	-0.43442E-02	-0.11300E-02
444	8.8600001	-0.43216E-02	-0.11300E-02
445	8.8800001	-0.42988E-02	-0.11400E-02
446	8.9000001	-0.42760E-02	-0.11400E-02
447	8.9200001	-0.42530E-02	-0.11500E-02
448	8.9400001	-0.42300E-02	-0.11500E-02
449	8.9600001	-0.42068E-02	-0.11600E-02
450	8.9800001	-0.41836E-02	-0.11600E-02
451	9.0000001	-0.41602E-02	-0.11700E-02
452	9.0200001	-0.41368E-02	-0.11700E-02
453	9.0400001	-0.41132E-02	-0.11800E-02
454	9.0600001	-0.40894E-02	-0.11900E-02
455	9.0800001	-0.40656E-02	-0.11900E-02
456	9.1000001	-0.40416E-02	-0.12000E-02
457	9.1200001	-0.40176E-02	-0.12000E-02

458	9.14000001	-0.39934E-02	-0.12100E-02
459	9.16000001	-0.39692E-02	-0.12100E-02
460	9.18000001	-0.39448E-02	-0.12200E-02
461	9.20000001	-0.39204E-02	-0.12200E-02
462	9.22000001	-0.38958E-02	-0.12300E-02
463	9.24000001	-0.38712E-02	-0.12300E-02
464	9.26000001	-0.38464E-02	-0.12400E-02
465	9.28000001	-0.38216E-02	-0.12400E-02
466	9.30000001	-0.37966E-02	-0.12500E-02
467	9.32000001	-0.37714E-02	-0.12600E-02
468	9.34000001	-0.37462E-02	-0.12600E-02
469	9.36000001	-0.37208E-02	-0.12700E-02
470	9.38000001	-0.36954E-02	-0.12700E-02
471	9.40000001	-0.36698E-02	-0.12800E-02
472	9.42000001	-0.36442E-02	-0.12800E-02
473	9.44000001	-0.36184E-02	-0.12900E-02
474	9.46000001	-0.35926E-02	-0.12900E-02
475	9.48000001	-0.35666E-02	-0.13000E-02
476	9.50000001	-0.35406E-02	-0.13000E-02
477	9.52000001	-0.35144E-02	-0.13100E-02
478	9.54000001	-0.34882E-02	-0.13100E-02
479	9.56000001	-0.34618E-02	-0.13200E-02
480	9.58000001	-0.34352E-02	-0.13300E-02
481	9.60000001	-0.34086E-02	-0.13300E-02
482	9.62000001	-0.33818E-02	-0.13400E-02
483	9.64000001	-0.33550E-02	-0.13400E-02
484	9.66000001	-0.33280E-02	-0.13500E-02
485	9.68000001	-0.33010E-02	-0.13500E-02
486	9.70000001	-0.32738E-02	-0.13600E-02
487	9.72000001	-0.32466E-02	-0.13600E-02
488	9.74000001	-0.32192E-02	-0.13700E-02
489	9.76000001	-0.31918E-02	-0.13700E-02
490	9.78000001	-0.31642E-02	-0.13800E-02
491	9.80000001	-0.31366E-02	-0.13800E-02
492	9.82000001	-0.31088E-02	-0.13900E-02
493	9.84000001	-0.30808E-02	-0.14000E-02
494	9.86000001	-0.30528E-02	-0.14000E-02
495	9.88000001	-0.30246E-02	-0.14100E-02
496	9.90000001	-0.29964E-02	-0.14100E-02
497	9.92000001	-0.29680E-02	-0.14200E-02
498	9.94000001	-0.29396E-02	-0.14200E-02
499	9.96000001	-0.29110E-02	-0.14300E-02
500	9.98000001	-0.28824E-02	-0.14300E-02
501	10.00000001	-0.28536E-02	-0.14400E-02
502	10.02000001	-0.28248E-02	-0.14400E-02
503	10.04000001	-0.27958E-02	-0.14500E-02
504	10.06000001	-0.27668E-02	-0.14500E-02
505	10.08000001	-0.27376E-02	-0.14600E-02
506	10.10000001	-0.27084E-02	-0.14600E-02
507	10.12000001	-0.26790E-02	-0.14700E-02
508	10.14000001	-0.26494E-02	-0.14800E-02
509	10.16000001	-0.26198E-02	-0.14800E-02
510	10.18000001	-0.25900E-02	-0.14900E-02
511	10.20000001	-0.25602E-02	-0.14900E-02
512	10.22000001	-0.25302E-02	-0.15000E-02
513	10.24000001	-0.25002E-02	-0.15000E-02
514	10.26000001	-0.24700E-02	-0.15100E-02
515	10.28000001	-0.24398E-02	-0.15100E-02
516	10.30000001	-0.24094E-02	-0.15200E-02
517	10.32000001	-0.23790E-02	-0.15200E-02
518	10.34000001	-0.23484E-02	-0.15300E-02
519	10.36000001	-0.23178E-02	-0.15300E-02
520	10.38000001	-0.22870E-02	-0.15400E-02
521	10.40000001	-0.22560E-02	-0.15500E-02
522	10.42000001	-0.22250E-02	-0.15500E-02
523	10.44000001	-0.21938E-02	-0.15600E-02

524	10.4600001	-0.21626E-02	-0.15600E-02
525	10.4800001	-0.21312E-02	-0.15700E-02
526	10.5000001	-0.20998E-02	-0.15700E-02
527	10.5200001	-0.20682E-02	-0.15800E-02
528	10.5400001	-0.20366E-02	-0.15800E-02
529	10.5600001	-0.20048E-02	-0.15900E-02
530	10.5800001	-0.19730E-02	-0.15900E-02
531	10.6000001	-0.19410E-02	-0.16000E-02
532	10.6200001	-0.19090E-02	-0.16000E-02
533	10.6400001	-0.18768E-02	-0.16100E-02
534	10.6600001	-0.18444E-02	-0.16200E-02
535	10.6800001	-0.18120E-02	-0.16200E-02
536	10.7000001	-0.17794E-02	-0.16300E-02
537	10.7200001	-0.17468E-02	-0.16300E-02
538	10.7400001	-0.17140E-02	-0.16400E-02
539	10.7600001	-0.16812E-02	-0.16400E-02
540	10.7800001	-0.16482E-02	-0.16500E-02
541	10.8000001	-0.16152E-02	-0.16500E-02
542	10.8200001	-0.15820E-02	-0.16600E-02
543	10.8400001	-0.15488E-02	-0.16600E-02
544	10.8600001	-0.15154E-02	-0.16700E-02
545	10.8800001	-0.14820E-02	-0.16700E-02
546	10.9000001	-0.14484E-02	-0.16800E-02
547	10.9200001	-0.14146E-02	-0.16900E-02
548	10.9400001	-0.13808E-02	-0.16900E-02
549	10.9600001	-0.13468E-02	-0.17000E-02
550	10.9800001	-0.13128E-02	-0.17000E-02
551	11.0000001	-0.12786E-02	-0.17100E-02
552	11.0200001	-0.12444E-02	-0.17100E-02
553	11.0400001	-0.12100E-02	-0.17200E-02
554	11.0600001	-0.11756E-02	-0.17200E-02
555	11.0800001	-0.11410E-02	-0.17300E-02
556	11.1000001	-0.11064E-02	-0.17300E-02
557	11.1200001	-0.10716E-02	-0.17400E-02
558	11.1400001	-0.10368E-02	-0.17400E-02
559	11.1600001	-0.10018E-02	-0.17500E-02
560	11.1800001	-0.96658E-03	-0.17600E-02
561	11.2000001	-0.93138E-03	-0.17600E-02
562	11.2200001	-0.89598E-03	-0.17700E-02
563	11.2400001	-0.86058E-03	-0.17700E-02
564	11.2600001	-0.82498E-03	-0.17800E-02
565	11.2800001	-0.78918E-03	-0.17900E-02
566	11.3000001	-0.75358E-03	-0.17800E-02
567	11.3200001	-0.71798E-03	-0.17800E-02
568	11.3400001	-0.68258E-03	-0.17700E-02
569	11.3600001	-0.64718E-03	-0.17700E-02
570	11.3800001	-0.61198E-03	-0.17600E-02
571	11.4000001	-0.57678E-03	-0.17600E-02
572	11.4200001	-0.54178E-03	-0.17500E-02
573	11.4400001	-0.50678E-03	-0.17500E-02
574	11.4600001	-0.47198E-03	-0.17400E-02
575	11.4800001	-0.43718E-03	-0.17400E-02
576	11.5000001	-0.40258E-03	-0.17300E-02
577	11.5200001	-0.36798E-03	-0.17300E-02
578	11.5400001	-0.33338E-03	-0.17300E-02
579	11.5600001	-0.29898E-03	-0.17200E-02
580	11.5800001	-0.26458E-03	-0.17200E-02
581	11.6000001	-0.23018E-03	-0.17200E-02
582	11.6200001	-0.19578E-03	-0.17200E-02
583	11.6400001	-0.16138E-03	-0.17200E-02
584	11.6600001	-0.12698E-03	-0.17200E-02
585	11.6800001	-0.92583E-04	-0.17200E-02
586	11.7000001	-0.58183E-04	-0.17200E-02
587	11.7200001	-0.23783E-04	-0.17200E-02
588	11.7400001	-0.23783E-04	0.00000E+00
589	11.7600001	-0.23783E-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