

Tabulated potential for E2-NN

E2-NN

N 600 R 0.0000001 11.9800001

1	0.0000001	0.12171E+06	0.86700E+05
2	0.0200001	0.11999E+06	0.86100E+05
3	0.0400001	0.11828E+06	0.85500E+05
4	0.0600001	0.11658E+06	0.84900E+05
5	0.0800001	0.11490E+06	0.84300E+05
6	0.1000001	0.11323E+06	0.83600E+05
7	0.1200001	0.11157E+06	0.83000E+05
8	0.1400001	0.10992E+06	0.82400E+05
9	0.1600001	0.10828E+06	0.81800E+05
10	0.1800001	0.10666E+06	0.81200E+05
11	0.2000001	0.10505E+06	0.80600E+05
12	0.2200001	0.10345E+06	0.80000E+05
13	0.2400001	0.10186E+06	0.79400E+05
14	0.2600001	0.10028E+06	0.78700E+05
15	0.2800001	0.98722E+05	0.78100E+05
16	0.3000001	0.97172E+05	0.77500E+05
17	0.3200001	0.95634E+05	0.76900E+05
18	0.3400001	0.94108E+05	0.76300E+05
19	0.3600001	0.92594E+05	0.75700E+05
20	0.3800001	0.91092E+05	0.75100E+05
21	0.4000001	0.89604E+05	0.74400E+05
22	0.4200001	0.88128E+05	0.73800E+05
23	0.4400001	0.86664E+05	0.73200E+05
24	0.4600001	0.85212E+05	0.72600E+05
25	0.4800001	0.83772E+05	0.72000E+05
26	0.5000001	0.82344E+05	0.71400E+05
27	0.5200001	0.80928E+05	0.70800E+05
28	0.5400001	0.79526E+05	0.70100E+05
29	0.5600001	0.78136E+05	0.69500E+05
30	0.5800001	0.76758E+05	0.68900E+05
31	0.6000001	0.75392E+05	0.68300E+05
32	0.6200001	0.74038E+05	0.67700E+05
33	0.6400001	0.72696E+05	0.67100E+05
34	0.6600001	0.71366E+05	0.66500E+05
35	0.6800001	0.70050E+05	0.65800E+05
36	0.7000001	0.68746E+05	0.65200E+05
37	0.7200001	0.67454E+05	0.64600E+05
38	0.7400001	0.66174E+05	0.64000E+05
39	0.7600001	0.64906E+05	0.63400E+05
40	0.7800001	0.63650E+05	0.62800E+05
41	0.8000001	0.62406E+05	0.62200E+05
42	0.8200001	0.61176E+05	0.61500E+05
43	0.8400001	0.59958E+05	0.60900E+05
44	0.8600001	0.58752E+05	0.60300E+05
45	0.8800001	0.57558E+05	0.59700E+05
46	0.9000001	0.56376E+05	0.59100E+05
47	0.9200001	0.55206E+05	0.58500E+05
48	0.9400001	0.54048E+05	0.57900E+05
49	0.9600001	0.52904E+05	0.57200E+05
50	0.9800001	0.51772E+05	0.56600E+05
51	1.0000001	0.50652E+05	0.56000E+05
52	1.0200001	0.49544E+05	0.55400E+05
53	1.0400001	0.48448E+05	0.54800E+05
54	1.0600001	0.47364E+05	0.54200E+05
55	1.0800001	0.46292E+05	0.53600E+05
56	1.1000001	0.45234E+05	0.52900E+05
57	1.1200001	0.44188E+05	0.52300E+05
58	1.1400001	0.43154E+05	0.51700E+05
59	1.1600001	0.42132E+05	0.51100E+05
60	1.1800001	0.41122E+05	0.50500E+05
61	1.2000001	0.40124E+05	0.49900E+05

62	1.2200001	0.39138E+05	0.49300E+05
63	1.2400001	0.38164E+05	0.48700E+05
64	1.2600001	0.37204E+05	0.48000E+05
65	1.2800001	0.36256E+05	0.47400E+05
66	1.3000001	0.35320E+05	0.46800E+05
67	1.3200001	0.34396E+05	0.46200E+05
68	1.3400001	0.33484E+05	0.45600E+05
69	1.3600001	0.32584E+05	0.45000E+05
70	1.3800001	0.31696E+05	0.44400E+05
71	1.4000001	0.30822E+05	0.43700E+05
72	1.4200001	0.29960E+05	0.43100E+05
73	1.4400001	0.29110E+05	0.42500E+05
74	1.4600001	0.28272E+05	0.41900E+05
75	1.4800001	0.27446E+05	0.41300E+05
76	1.5000001	0.26632E+05	0.40700E+05
77	1.5200001	0.25830E+05	0.40100E+05
78	1.5400001	0.25042E+05	0.39400E+05
79	1.5600001	0.24266E+05	0.38800E+05
80	1.5800001	0.23502E+05	0.38200E+05
81	1.6000001	0.22750E+05	0.37600E+05
82	1.6200001	0.22010E+05	0.37000E+05
83	1.6400001	0.21282E+05	0.36400E+05
84	1.6600001	0.20566E+05	0.35800E+05
85	1.6800001	0.19864E+05	0.35100E+05
86	1.7000001	0.19174E+05	0.34500E+05
87	1.7200001	0.18496E+05	0.33900E+05
88	1.7400001	0.17830E+05	0.33300E+05
89	1.7600001	0.17176E+05	0.32700E+05
90	1.7800001	0.16534E+05	0.32100E+05
91	1.8000001	0.15904E+05	0.31500E+05
92	1.8200001	0.15288E+05	0.30800E+05
93	1.8400001	0.14684E+05	0.30200E+05
94	1.8600001	0.14092E+05	0.29600E+05
95	1.8800001	0.13512E+05	0.29000E+05
96	1.9000001	0.12944E+05	0.28400E+05
97	1.9200001	0.12388E+05	0.27800E+05
98	1.9400001	0.11844E+05	0.27200E+05
99	1.9600001	0.11314E+05	0.26500E+05
100	1.9800001	0.10796E+05	0.25900E+05
101	2.0000001	0.10290E+05	0.25300E+05
102	2.0200001	0.97960E+04	0.24700E+05
103	2.0400001	0.93140E+04	0.24100E+05
104	2.0600001	0.88440E+04	0.23500E+05
105	2.0800001	0.83860E+04	0.22900E+05
106	2.1000001	0.79420E+04	0.22200E+05
107	2.1200001	0.75100E+04	0.21600E+05
108	2.1400001	0.70900E+04	0.21000E+05
109	2.1600001	0.66820E+04	0.20400E+05
110	2.1800001	0.62860E+04	0.19800E+05
111	2.2000001	0.59020E+04	0.19200E+05
112	2.2200001	0.55300E+04	0.18600E+05
113	2.2400001	0.51700E+04	0.18000E+05
114	2.2600001	0.48240E+04	0.17300E+05
115	2.2800001	0.44900E+04	0.16700E+05
116	2.3000001	0.41680E+04	0.16100E+05
117	2.3200001	0.38580E+04	0.15500E+05
118	2.3400001	0.35600E+04	0.14900E+05
119	2.3600001	0.32740E+04	0.14300E+05
120	2.3800001	0.30000E+04	0.13700E+05
121	2.4000001	0.27400E+04	0.13000E+05
122	2.4200001	0.24920E+04	0.12400E+05
123	2.4400001	0.22560E+04	0.11800E+05
124	2.4600001	0.20320E+04	0.11200E+05
125	2.4800001	0.18200E+04	0.10600E+05
126	2.5000001	0.16206E+04	0.99700E+04
127	2.5200001	0.14336E+04	0.93500E+04

128	2.5400001	0.12588E+04	0.87400E+04
129	2.5600001	0.10962E+04	0.81300E+04
130	2.5800001	0.94601E+03	0.75100E+04
131	2.6000001	0.80801E+03	0.69000E+04
132	2.6200001	0.68241E+03	0.62800E+04
133	2.6400001	0.56901E+03	0.56700E+04
134	2.6600001	0.46781E+03	0.50600E+04
135	2.6800001	0.37901E+03	0.44400E+04
136	2.7000001	0.30241E+03	0.38300E+04
137	2.7200001	0.23821E+03	0.32100E+04
138	2.7400001	0.18621E+03	0.26000E+04
139	2.7600001	0.14641E+03	0.19900E+04
140	2.7800001	0.11581E+03	0.15300E+04
141	2.8000001	0.92208E+02	0.11800E+04
142	2.8200001	0.73788E+02	0.92100E+03
143	2.8400001	0.59348E+02	0.72200E+03
144	2.8600001	0.47968E+02	0.56900E+03
145	2.8800001	0.38968E+02	0.45000E+03
146	2.9000001	0.31788E+02	0.35900E+03
147	2.9200001	0.26048E+02	0.28700E+03
148	2.9400001	0.21428E+02	0.23100E+03
149	2.9600001	0.17708E+02	0.18600E+03
150	2.9800001	0.14688E+02	0.15100E+03
151	3.0000001	0.12228E+02	0.12300E+03
152	3.0200001	0.10208E+02	0.10100E+03
153	3.0400001	0.85503E+01	0.82900E+02
154	3.0600001	0.71843E+01	0.68300E+02
155	3.0800001	0.60543E+01	0.56500E+02
156	3.1000001	0.51163E+01	0.46900E+02
157	3.1200001	0.43343E+01	0.39100E+02
158	3.1400001	0.36803E+01	0.32700E+02
159	3.1600001	0.31323E+01	0.27400E+02
160	3.1800001	0.26723E+01	0.23000E+02
161	3.2000001	0.22843E+01	0.19400E+02
162	3.2200001	0.19563E+01	0.16400E+02
163	3.2400001	0.16783E+01	0.13900E+02
164	3.2600001	0.14423E+01	0.11800E+02
165	3.2800001	0.12403E+01	0.10100E+02
166	3.3000001	0.10681E+01	0.86100E+01
167	3.3200001	0.92094E+00	0.73600E+01
168	3.3400001	0.79474E+00	0.63100E+01
169	3.3600001	0.68634E+00	0.54200E+01
170	3.3800001	0.59294E+00	0.46700E+01
171	3.4000001	0.51234E+00	0.40300E+01
172	3.4200001	0.44274E+00	0.34800E+01
173	3.4400001	0.38274E+00	0.30000E+01
174	3.4600001	0.33054E+00	0.26100E+01
175	3.4800001	0.28534E+00	0.22600E+01
176	3.5000001	0.24614E+00	0.19600E+01
177	3.5200001	0.21194E+00	0.17100E+01
178	3.5400001	0.18214E+00	0.14900E+01
179	3.5600001	0.15614E+00	0.13000E+01
180	3.5800001	0.13354E+00	0.11300E+01
181	3.6000001	0.11370E+00	0.99200E+00
182	3.6200001	0.96556E-01	0.85700E+00
183	3.6400001	0.81476E-01	0.75400E+00
184	3.6600001	0.68196E-01	0.66400E+00
185	3.6800001	0.56756E-01	0.57200E+00
186	3.7000001	0.46576E-01	0.50900E+00
187	3.7200001	0.37856E-01	0.43600E+00
188	3.7400001	0.30136E-01	0.38600E+00
189	3.7600001	0.23276E-01	0.34300E+00
190	3.7800001	0.17476E-01	0.29000E+00
191	3.8000001	0.12316E-01	0.25800E+00
192	3.8200001	0.77161E-02	0.23000E+00
193	3.8400001	0.38961E-02	0.19100E+00

194	3.86000001	0.37610E-03	0.17600E+00
195	3.88000001	-0.25839E-02	0.14800E+00
196	3.90000001	-0.50639E-02	0.12400E+00
197	3.92000001	-0.73839E-02	0.11600E+00
198	3.94000001	-0.92039E-02	0.91000E-01
199	3.96000001	-0.10954E-01	0.87500E-01
200	3.98000001	-0.12364E-01	0.70500E-01
201	4.00000001	-0.13464E-01	0.55000E-01
202	4.02000001	-0.14378E-01	0.45700E-01
203	4.04000001	-0.15126E-01	0.37400E-01
204	4.06000001	-0.15830E-01	0.35200E-01
205	4.08000001	-0.16506E-01	0.33800E-01
206	4.10000001	-0.16870E-01	0.18200E-01
207	4.12000001	-0.17174E-01	0.15200E-01
208	4.14000001	-0.17450E-01	0.13800E-01
209	4.16000001	-0.17698E-01	0.12400E-01
210	4.18000001	-0.17930E-01	0.11600E-01
211	4.20000001	-0.17958E-01	0.14200E-02
212	4.22000001	-0.17979E-01	0.10200E-02
213	4.24000001	-0.17986E-01	0.37200E-03
214	4.26000001	-0.17821E-01	-0.82400E-02
215	4.28000001	-0.17622E-01	-0.99500E-02
216	4.30000001	-0.17412E-01	-0.10500E-01
217	4.32000001	-0.17158E-01	-0.12700E-01
218	4.34000001	-0.16886E-01	-0.13600E-01
219	4.36000001	-0.16590E-01	-0.14800E-01
220	4.38000001	-0.16270E-01	-0.16000E-01
221	4.40000001	-0.15942E-01	-0.16400E-01
222	4.42000001	-0.15606E-01	-0.16800E-01
223	4.44000001	-0.15260E-01	-0.17300E-01
224	4.46000001	-0.14906E-01	-0.17700E-01
225	4.48000001	-0.14546E-01	-0.18000E-01
226	4.50000001	-0.14180E-01	-0.18300E-01
227	4.52000001	-0.13812E-01	-0.18400E-01
228	4.54000001	-0.13442E-01	-0.18500E-01
229	4.56000001	-0.13172E-01	-0.13500E-01
230	4.58000001	-0.12902E-01	-0.13500E-01
231	4.60000001	-0.12632E-01	-0.13500E-01
232	4.62000001	-0.12364E-01	-0.13400E-01
233	4.64000001	-0.12096E-01	-0.13400E-01
234	4.66000001	-0.11830E-01	-0.13300E-01
235	4.68000001	-0.11566E-01	-0.13200E-01
236	4.70000001	-0.11304E-01	-0.13100E-01
237	4.72000001	-0.11046E-01	-0.12900E-01
238	4.74000001	-0.10792E-01	-0.12700E-01
239	4.76000001	-0.10542E-01	-0.12500E-01
240	4.78000001	-0.10296E-01	-0.12300E-01
241	4.80000001	-0.10054E-01	-0.12100E-01
242	4.82000001	-0.98163E-02	-0.11900E-01
243	4.84000001	-0.95823E-02	-0.11700E-01
244	4.86000001	-0.93523E-02	-0.11500E-01
245	4.88000001	-0.91263E-02	-0.11300E-01
246	4.90000001	-0.89063E-02	-0.11000E-01
247	4.92000001	-0.86903E-02	-0.10800E-01
248	4.94000001	-0.84783E-02	-0.10600E-01
249	4.96000001	-0.82703E-02	-0.10400E-01
250	4.98000001	-0.80683E-02	-0.10100E-01
251	5.00000001	-0.78699E-02	-0.99200E-02
252	5.02000001	-0.76759E-02	-0.97000E-02
253	5.04000001	-0.74863E-02	-0.94800E-02
254	5.06000001	-0.73011E-02	-0.92600E-02
255	5.08000001	-0.71203E-02	-0.90400E-02
256	5.10000001	-0.69439E-02	-0.88200E-02
257	5.12000001	-0.67721E-02	-0.85900E-02
258	5.14000001	-0.66047E-02	-0.83700E-02
259	5.16000001	-0.64417E-02	-0.81500E-02

260	5.18000001	-0.62831E-02	-0.79300E-02
261	5.20000001	-0.61289E-02	-0.77100E-02
262	5.22000001	-0.59759E-02	-0.76500E-02
263	5.24000001	-0.58265E-02	-0.74700E-02
264	5.26000001	-0.56799E-02	-0.73300E-02
265	5.28000001	-0.55361E-02	-0.71900E-02
266	5.30000001	-0.53951E-02	-0.70500E-02
267	5.32000001	-0.52569E-02	-0.69100E-02
268	5.34000001	-0.51215E-02	-0.67700E-02
269	5.36000001	-0.49889E-02	-0.66300E-02
270	5.38000001	-0.48591E-02	-0.64900E-02
271	5.40000001	-0.47321E-02	-0.63500E-02
272	5.42000001	-0.46079E-02	-0.62100E-02
273	5.44000001	-0.44865E-02	-0.60700E-02
274	5.46000001	-0.43679E-02	-0.59300E-02
275	5.48000001	-0.42521E-02	-0.57900E-02
276	5.50000001	-0.41391E-02	-0.56500E-02
277	5.52000001	-0.40289E-02	-0.55100E-02
278	5.54000001	-0.39267E-02	-0.53700E-02
279	5.56000001	-0.38271E-02	-0.52300E-02
280	5.58000001	-0.37299E-02	-0.50900E-02
281	5.60000001	-0.36353E-02	-0.49500E-02
282	5.62000001	-0.35431E-02	-0.48100E-02
283	5.64000001	-0.34531E-02	-0.46700E-02
284	5.66000001	-0.33653E-02	-0.45300E-02
285	5.68000001	-0.32799E-02	-0.43900E-02
286	5.70000001	-0.31967E-02	-0.42500E-02
287	5.72000001	-0.31157E-02	-0.41100E-02
288	5.74000001	-0.30367E-02	-0.39700E-02
289	5.76000001	-0.29599E-02	-0.38300E-02
290	5.78000001	-0.28849E-02	-0.36900E-02
291	5.80000001	-0.28117E-02	-0.35500E-02
292	5.82000001	-0.27403E-02	-0.34100E-02
293	5.84000001	-0.26707E-02	-0.32700E-02
294	5.86000001	-0.26029E-02	-0.31300E-02
295	5.88000001	-0.25367E-02	-0.30000E-02
296	5.90000001	-0.24723E-02	-0.28700E-02
297	5.92000001	-0.24095E-02	-0.27400E-02
298	5.94000001	-0.23483E-02	-0.26100E-02
299	5.96000001	-0.22885E-02	-0.24800E-02
300	5.98000001	-0.22303E-02	-0.23500E-02
301	6.00000001	-0.21735E-02	-0.22200E-02
302	6.02000001	-0.21183E-02	-0.21000E-02
303	6.04000001	-0.20645E-02	-0.19800E-02
304	6.06000001	-0.20119E-02	-0.18600E-02
305	6.08000001	-0.19607E-02	-0.17500E-02
306	6.10000001	-0.19107E-02	-0.16400E-02
307	6.12000001	-0.18621E-02	-0.15300E-02
308	6.14000001	-0.18147E-02	-0.14300E-02
309	6.16000001	-0.17685E-02	-0.13300E-02
310	6.18000001	-0.17233E-02	-0.12300E-02
311	6.20000001	-0.16793E-02	-0.11400E-02
312	6.22000001	-0.16363E-02	-0.10500E-02
313	6.24000001	-0.15945E-02	-0.09600E-02
314	6.26000001	-0.15537E-02	-0.08700E-02
315	6.28000001	-0.15139E-02	-0.07800E-02
316	6.30000001	-0.14751E-02	-0.07000E-02
317	6.32000001	-0.14373E-02	-0.06200E-02
318	6.34000001	-0.14005E-02	-0.05400E-02
319	6.36000001	-0.13645E-02	-0.04600E-02
320	6.38000001	-0.13295E-02	-0.03900E-02
321	6.40000001	-0.12953E-02	-0.03200E-02
322	6.42000001	-0.12619E-02	-0.02500E-02
323	6.44000001	-0.12295E-02	-0.01800E-02
324	6.46000001	-0.11979E-02	-0.01200E-02
325	6.48000001	-0.11669E-02	-0.00600E-02

326	6.5000001	-0.11367E-02	-0.15100E-02
327	6.5200001	-0.11073E-02	-0.14700E-02
328	6.5400001	-0.10787E-02	-0.14300E-02
329	6.5600001	-0.10507E-02	-0.14000E-02
330	6.5800001	-0.10233E-02	-0.13700E-02
331	6.6000001	-0.99674E-03	-0.13300E-02
332	6.6200001	-0.97114E-03	-0.12800E-02
333	6.6400001	-0.94594E-03	-0.12600E-02
334	6.6600001	-0.92134E-03	-0.12300E-02
335	6.6800001	-0.89734E-03	-0.12000E-02
336	6.7000001	-0.87394E-03	-0.11700E-02
337	6.7200001	-0.85114E-03	-0.11400E-02
338	6.7400001	-0.82894E-03	-0.11100E-02
339	6.7600001	-0.80714E-03	-0.10900E-02
340	6.7800001	-0.78594E-03	-0.10600E-02
341	6.8000001	-0.76534E-03	-0.10300E-02
342	6.8200001	-0.74534E-03	-0.10000E-02
343	6.8400001	-0.72588E-03	-0.97300E-03
344	6.8600001	-0.70698E-03	-0.94500E-03
345	6.8800001	-0.68836E-03	-0.93100E-03
346	6.9000001	-0.67010E-03	-0.91300E-03
347	6.9200001	-0.65242E-03	-0.88400E-03
348	6.9400001	-0.63530E-03	-0.85600E-03
349	6.9600001	-0.61846E-03	-0.84200E-03
350	6.9800001	-0.60198E-03	-0.82400E-03
351	7.0000001	-0.58588E-03	-0.80500E-03
352	7.0200001	-0.57034E-03	-0.77700E-03
353	7.0400001	-0.55508E-03	-0.76300E-03
354	7.0600001	-0.54028E-03	-0.74000E-03
355	7.0800001	-0.52596E-03	-0.71600E-03
356	7.1000001	-0.51190E-03	-0.70300E-03
357	7.1200001	-0.49812E-03	-0.68900E-03
358	7.1400001	-0.48480E-03	-0.66600E-03
359	7.1600001	-0.47196E-03	-0.64200E-03
360	7.1800001	-0.45920E-03	-0.63800E-03
361	7.2000001	-0.44680E-03	-0.62000E-03
362	7.2200001	-0.43478E-03	-0.60100E-03
363	7.2400001	-0.42296E-03	-0.59100E-03
364	7.2600001	-0.41150E-03	-0.57300E-03
365	7.2800001	-0.40032E-03	-0.55900E-03
366	7.3000001	-0.38944E-03	-0.54400E-03
367	7.3200001	-0.37886E-03	-0.52900E-03
368	7.3400001	-0.36854E-03	-0.51600E-03
369	7.3600001	-0.35848E-03	-0.50300E-03
370	7.3800001	-0.34868E-03	-0.49000E-03
371	7.4000001	-0.33914E-03	-0.47700E-03
372	7.4200001	-0.32984E-03	-0.46500E-03
373	7.4400001	-0.32080E-03	-0.45200E-03
374	7.4600001	-0.31200E-03	-0.44000E-03
375	7.4800001	-0.30342E-03	-0.42900E-03
376	7.5000001	-0.29506E-03	-0.41800E-03
377	7.5200001	-0.28694E-03	-0.40600E-03
378	7.5400001	-0.27902E-03	-0.39600E-03
379	7.5600001	-0.27132E-03	-0.38500E-03
380	7.5800001	-0.26384E-03	-0.37400E-03
381	7.6000001	-0.25656E-03	-0.36400E-03
382	7.6200001	-0.24948E-03	-0.35400E-03
383	7.6400001	-0.24258E-03	-0.34500E-03
384	7.6600001	-0.23588E-03	-0.33500E-03
385	7.6800001	-0.22936E-03	-0.32600E-03
386	7.7000001	-0.22302E-03	-0.31700E-03
387	7.7200001	-0.21686E-03	-0.30800E-03
388	7.7400001	-0.21088E-03	-0.29900E-03
389	7.7600001	-0.20506E-03	-0.29100E-03
390	7.7800001	-0.19940E-03	-0.28300E-03
391	7.8000001	-0.19390E-03	-0.27500E-03

392	7.8200001	-0.18856E-03	-0.26700E-03
393	7.8400001	-0.18338E-03	-0.25900E-03
394	7.8600001	-0.17834E-03	-0.25200E-03
395	7.8800001	-0.17344E-03	-0.24500E-03
396	7.9000001	-0.16870E-03	-0.23700E-03
397	7.9200001	-0.16412E-03	-0.22900E-03
398	7.9400001	-0.15966E-03	-0.22300E-03
399	7.9600001	-0.15534E-03	-0.21600E-03
400	7.9800001	-0.15114E-03	-0.21000E-03
401	8.0000001	-0.14708E-03	-0.20300E-03
402	8.0200001	-0.14314E-03	-0.19700E-03
403	8.0400001	-0.13932E-03	-0.19100E-03
404	8.0600001	-0.13562E-03	-0.18500E-03
405	8.0800001	-0.13204E-03	-0.17900E-03
406	8.1000001	-0.12858E-03	-0.17300E-03
407	8.1200001	-0.12522E-03	-0.16800E-03
408	8.1400001	-0.12198E-03	-0.16200E-03
409	8.1600001	-0.11884E-03	-0.15700E-03
410	8.1800001	-0.11580E-03	-0.15200E-03
411	8.2000001	-0.11288E-03	-0.14600E-03
412	8.2200001	-0.11006E-03	-0.14100E-03
413	8.2400001	-0.10734E-03	-0.13600E-03
414	8.2600001	-0.10470E-03	-0.13200E-03
415	8.2800001	-0.10216E-03	-0.12700E-03
416	8.3000001	-0.99719E-04	-0.12200E-03
417	8.3200001	-0.97359E-04	-0.11800E-03
418	8.3400001	-0.95099E-04	-0.11300E-03
419	8.3600001	-0.92919E-04	-0.10900E-03
420	8.3800001	-0.90819E-04	-0.10500E-03
421	8.4000001	-0.88799E-04	-0.10100E-03
422	8.4200001	-0.86859E-04	-0.97000E-04
423	8.4400001	-0.85001E-04	-0.92900E-04
424	8.4600001	-0.83225E-04	-0.88800E-04
425	8.4800001	-0.81523E-04	-0.85100E-04
426	8.5000001	-0.79893E-04	-0.81500E-04
427	8.5200001	-0.78335E-04	-0.77900E-04
428	8.5400001	-0.76849E-04	-0.74300E-04
429	8.5600001	-0.75437E-04	-0.70600E-04
430	8.5800001	-0.74079E-04	-0.67900E-04
431	8.6000001	-0.72795E-04	-0.64200E-04
432	8.6200001	-0.71583E-04	-0.60600E-04
433	8.6400001	-0.70425E-04	-0.57900E-04
434	8.6600001	-0.69331E-04	-0.54700E-04
435	8.6800001	-0.68291E-04	-0.52000E-04
436	8.7000001	-0.67315E-04	-0.48800E-04
437	8.7200001	-0.66401E-04	-0.45700E-04
438	8.7400001	-0.65543E-04	-0.42900E-04
439	8.7600001	-0.64739E-04	-0.40200E-04
440	8.7800001	-0.63989E-04	-0.37500E-04
441	8.8000001	-0.63283E-04	-0.35300E-04
442	8.8200001	-0.62641E-04	-0.32100E-04
443	8.8400001	-0.62043E-04	-0.29900E-04
444	8.8600001	-0.61501E-04	-0.27100E-04
445	8.8800001	-0.61003E-04	-0.24900E-04
446	8.9000001	-0.60551E-04	-0.22600E-04
447	8.9200001	-0.60143E-04	-0.20400E-04
448	8.9400001	-0.59791E-04	-0.17600E-04
449	8.9600001	-0.59473E-04	-0.15900E-04
450	8.9800001	-0.59201E-04	-0.13600E-04
451	9.0000001	-0.58973E-04	-0.11400E-04
452	9.0200001	-0.58792E-04	-0.90800E-05
453	9.0400001	-0.58610E-04	-0.90800E-05
454	9.0600001	-0.58428E-04	-0.90800E-05
455	9.0800001	-0.58247E-04	-0.90800E-05
456	9.1000001	-0.58065E-04	-0.90800E-05
457	9.1200001	-0.57884E-04	-0.90800E-05

458	9.1400001	-0.57702E-04	-0.90800E-05
459	9.1600001	-0.57520E-04	-0.90800E-05
460	9.1800001	-0.57339E-04	-0.90800E-05
461	9.2000001	-0.57157E-04	-0.90800E-05
462	9.2200001	-0.56976E-04	-0.90800E-05
463	9.2400001	-0.56794E-04	-0.90800E-05
464	9.2600001	-0.56612E-04	-0.90800E-05
465	9.2800001	-0.56431E-04	-0.90800E-05
466	9.3000001	-0.56249E-04	-0.90800E-05
467	9.3200001	-0.56068E-04	-0.90800E-05
468	9.3400001	-0.55886E-04	-0.90800E-05
469	9.3600001	-0.55704E-04	-0.90800E-05
470	9.3800001	-0.55523E-04	-0.90800E-05
471	9.4000001	-0.55341E-04	-0.90800E-05
472	9.4200001	-0.55160E-04	-0.90800E-05
473	9.4400001	-0.54978E-04	-0.90800E-05
474	9.4600001	-0.54796E-04	-0.90800E-05
475	9.4800001	-0.54615E-04	-0.90800E-05
476	9.5000001	-0.54433E-04	-0.90800E-05
477	9.5200001	-0.54252E-04	-0.90800E-05
478	9.5400001	-0.54070E-04	-0.90800E-05
479	9.5600001	-0.53888E-04	-0.90800E-05
480	9.5800001	-0.53707E-04	-0.90800E-05
481	9.6000001	-0.53525E-04	-0.90800E-05
482	9.6200001	-0.53344E-04	-0.90800E-05
483	9.6400001	-0.53162E-04	-0.90800E-05
484	9.6600001	-0.52980E-04	-0.90800E-05
485	9.6800001	-0.52799E-04	-0.90800E-05
486	9.7000001	-0.52617E-04	-0.90800E-05
487	9.7200001	-0.52436E-04	-0.90800E-05
488	9.7400001	-0.52254E-04	-0.90800E-05
489	9.7600001	-0.52072E-04	-0.90800E-05
490	9.7800001	-0.51891E-04	-0.90800E-05
491	9.8000001	-0.51709E-04	-0.90800E-05
492	9.8200001	-0.51528E-04	-0.90800E-05
493	9.8400001	-0.51346E-04	-0.90800E-05
494	9.8600001	-0.51164E-04	-0.90800E-05
495	9.8800001	-0.50983E-04	-0.90800E-05
496	9.9000001	-0.50801E-04	-0.90800E-05
497	9.9200001	-0.50620E-04	-0.90800E-05
498	9.9400001	-0.50438E-04	-0.90800E-05
499	9.9600001	-0.50256E-04	-0.90800E-05
500	9.9800001	-0.50075E-04	-0.90800E-05
501	10.0000001	-0.49893E-04	-0.90800E-05
502	10.0200001	-0.49712E-04	-0.90800E-05
503	10.0400001	-0.49530E-04	-0.90800E-05
504	10.0600001	-0.49348E-04	-0.90800E-05
505	10.0800001	-0.49167E-04	-0.90800E-05
506	10.1000001	-0.48985E-04	-0.90800E-05
507	10.1200001	-0.48804E-04	-0.90800E-05
508	10.1400001	-0.48622E-04	-0.90800E-05
509	10.1600001	-0.48440E-04	-0.90800E-05
510	10.1800001	-0.48259E-04	-0.90800E-05
511	10.2000001	-0.48077E-04	-0.90800E-05
512	10.2200001	-0.47896E-04	-0.90800E-05
513	10.2400001	-0.47714E-04	-0.90800E-05
514	10.2600001	-0.47532E-04	-0.90800E-05
515	10.2800001	-0.47351E-04	-0.90800E-05
516	10.3000001	-0.47169E-04	-0.90800E-05
517	10.3200001	-0.46988E-04	-0.90800E-05
518	10.3400001	-0.46806E-04	-0.90800E-05
519	10.3600001	-0.46624E-04	-0.90800E-05
520	10.3800001	-0.46443E-04	-0.90800E-05
521	10.4000001	-0.46261E-04	-0.90800E-05
522	10.4200001	-0.46080E-04	-0.90800E-05
523	10.4400001	-0.45898E-04	-0.90800E-05

524	10.4600001	-0.45716E-04	-0.90800E-05
525	10.4800001	-0.45535E-04	-0.90800E-05
526	10.5000001	-0.45353E-04	-0.90800E-05
527	10.5200001	-0.45172E-04	-0.90800E-05
528	10.5400001	-0.44990E-04	-0.90800E-05
529	10.5600001	-0.44808E-04	-0.90800E-05
530	10.5800001	-0.44627E-04	-0.90800E-05
531	10.6000001	-0.44445E-04	-0.90700E-05
532	10.6200001	-0.44264E-04	-0.90700E-05
533	10.6400001	-0.44083E-04	-0.90700E-05
534	10.6600001	-0.43901E-04	-0.90700E-05
535	10.6800001	-0.43720E-04	-0.90700E-05
536	10.7000001	-0.43538E-04	-0.90700E-05
537	10.7200001	-0.43357E-04	-0.90700E-05
538	10.7400001	-0.43176E-04	-0.90700E-05
539	10.7600001	-0.42994E-04	-0.90700E-05
540	10.7800001	-0.42813E-04	-0.90700E-05
541	10.8000001	-0.42631E-04	-0.90700E-05
542	10.8200001	-0.42450E-04	-0.90700E-05
543	10.8400001	-0.42269E-04	-0.90700E-05
544	10.8600001	-0.42087E-04	-0.90700E-05
545	10.8800001	-0.41906E-04	-0.90700E-05
546	10.9000001	-0.41724E-04	-0.90700E-05
547	10.9200001	-0.41543E-04	-0.90700E-05
548	10.9400001	-0.41362E-04	-0.90700E-05
549	10.9600001	-0.41180E-04	-0.90700E-05
550	10.9800001	-0.40999E-04	-0.90700E-05
551	11.0000001	-0.40817E-04	-0.90700E-05
552	11.0200001	-0.40636E-04	-0.90700E-05
553	11.0400001	-0.40455E-04	-0.90700E-05
554	11.0600001	-0.40273E-04	-0.90700E-05
555	11.0800001	-0.40092E-04	-0.90700E-05
556	11.1000001	-0.39910E-04	-0.90700E-05
557	11.1200001	-0.39729E-04	-0.90700E-05
558	11.1400001	-0.39548E-04	-0.90700E-05
559	11.1600001	-0.39366E-04	-0.90700E-05
560	11.1800001	-0.39185E-04	-0.90700E-05
561	11.2000001	-0.39003E-04	-0.90700E-05
562	11.2200001	-0.38822E-04	-0.90700E-05
563	11.2400001	-0.38641E-04	-0.90700E-05
564	11.2600001	-0.38459E-04	-0.90700E-05
565	11.2800001	-0.38278E-04	-0.90700E-05
566	11.3000001	-0.38096E-04	-0.90700E-05
567	11.3200001	-0.37915E-04	-0.90700E-05
568	11.3400001	-0.37734E-04	-0.90700E-05
569	11.3600001	-0.37552E-04	-0.90700E-05
570	11.3800001	-0.37371E-04	-0.90700E-05
571	11.4000001	-0.37189E-04	-0.90700E-05
572	11.4200001	-0.37008E-04	-0.90700E-05
573	11.4400001	-0.36827E-04	-0.90700E-05
574	11.4600001	-0.36645E-04	-0.90700E-05
575	11.4800001	-0.36464E-04	-0.90700E-05
576	11.5000001	-0.36282E-04	-0.90700E-05
577	11.5200001	-0.36101E-04	-0.90700E-05
578	11.5400001	-0.35920E-04	-0.90700E-05
579	11.5600001	-0.35738E-04	-0.90700E-05
580	11.5800001	-0.35557E-04	-0.90700E-05
581	11.6000001	-0.35375E-04	-0.90700E-05
582	11.6200001	-0.35194E-04	-0.90700E-05
583	11.6400001	-0.35013E-04	-0.90700E-05
584	11.6600001	-0.34831E-04	-0.90700E-05
585	11.6800001	-0.34650E-04	-0.90700E-05
586	11.7000001	-0.34468E-04	-0.90700E-05
587	11.7200001	-0.34287E-04	-0.90700E-05
588	11.7400001	-0.34287E-04	0.00000E+00
589	11.7600001	-0.34287E-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