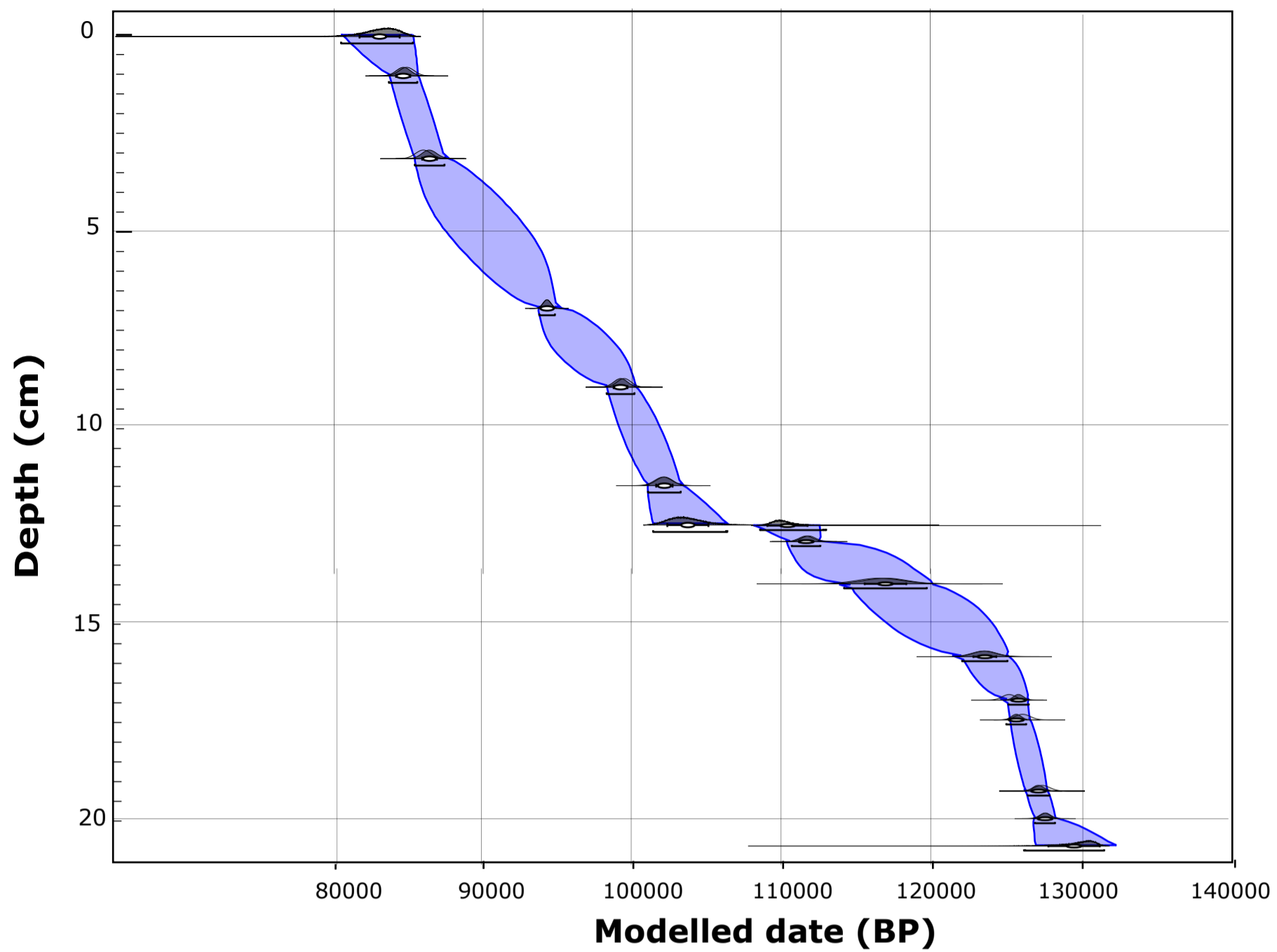
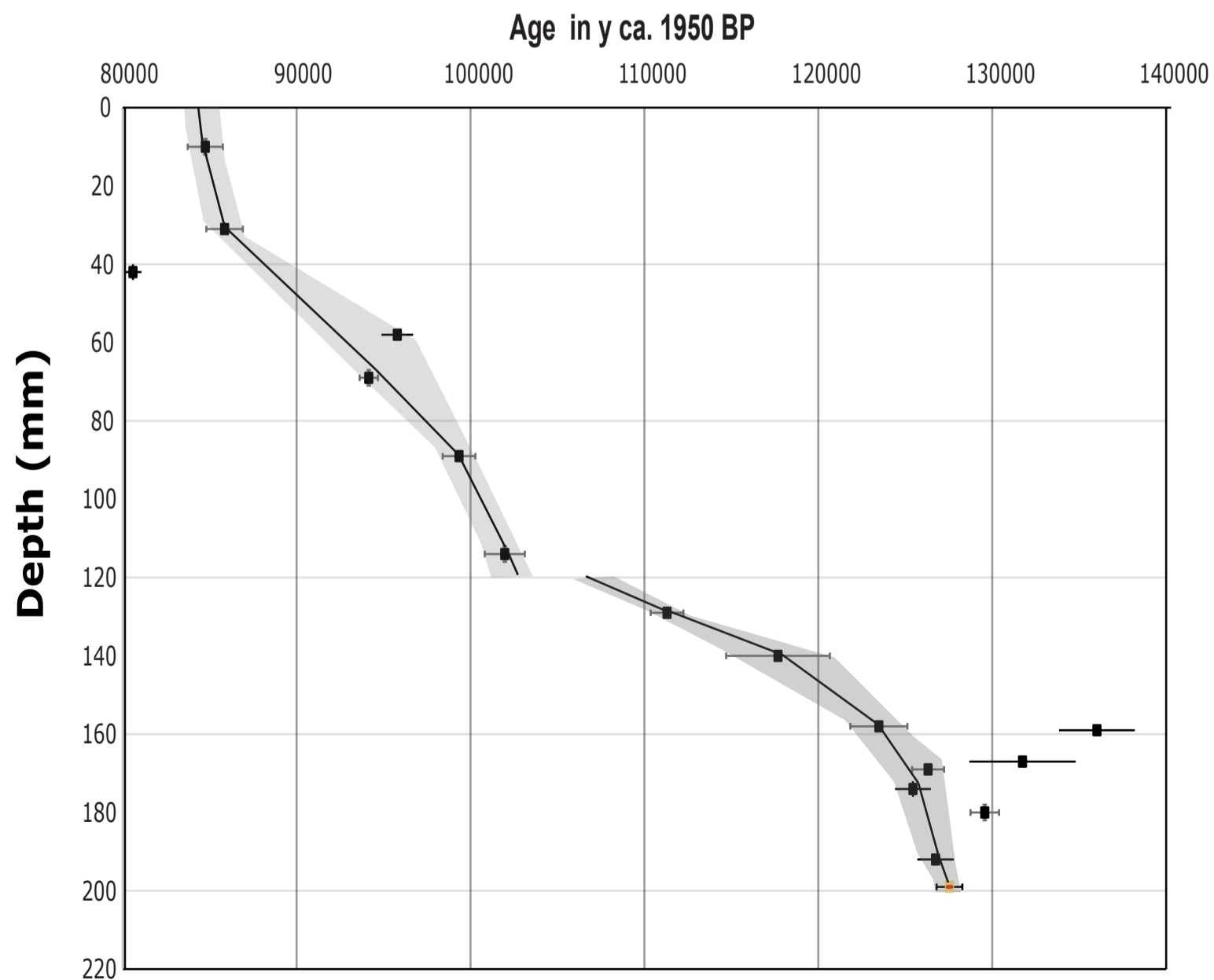
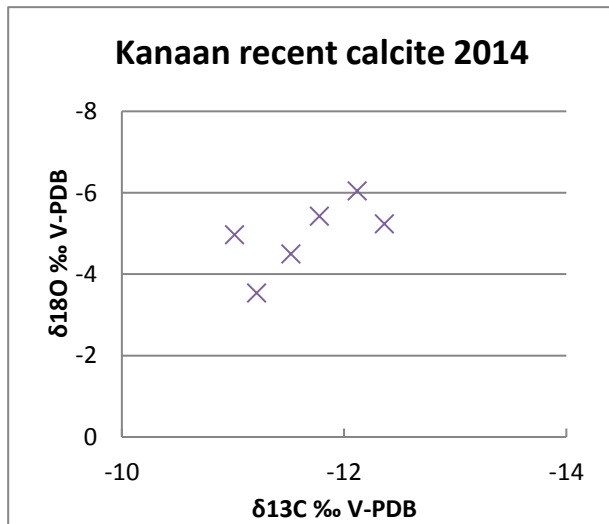
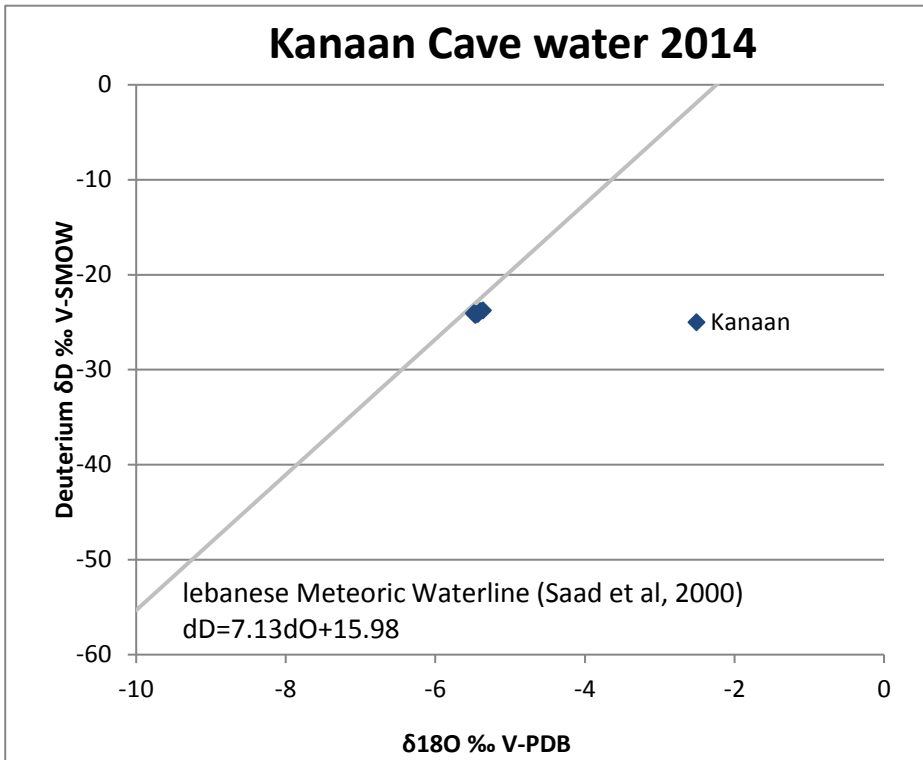


# A- Oxcal age Model



# B- Linear age Model





Depth (mm)	Age (ka)	$\pm 2\sigma$	$\delta^{13}\text{C}$	$\delta^{18}\text{O}$
1	83.13	2.52	-10.68	-3.70
2	83.27	2.40		
3	83.41	2.27	-10.60	-3.60
4	83.56	2.14	-10.94	-3.68
5	83.71	1.98	-10.81	-3.65
6	83.86	1.83	-10.67	-3.60
7	84.01	1.65	-10.68	-3.56
8	84.15	1.48	-10.80	-3.64
9	84.30	1.29	-10.98	-4.00
10	84.54	0.96	-11.09	-4.12
11	84.62	0.98	-11.13	-4.25
12	84.70	0.99	-10.98	-4.01
13	84.78	1.00	-10.93	-3.96
14	84.85	1.01	-10.92	-3.90
15	84.93	1.02	-11.03	-3.88
16	85.02	1.03	-10.92	-3.65
17	85.10	1.04	-10.96	-3.61
18	85.18	1.05	-10.88	-3.59
19	85.26	1.05	-10.82	-3.51
20	85.35	1.05	-10.90	-3.68
21	85.43	1.06	-10.81	-3.82
22	85.51	1.06	-10.81	-3.71
23	85.60	1.05	-10.80	-3.66
24	85.68	1.05	-10.79	-3.67
25	85.76	1.04	-10.72	-3.81
26	85.84	1.04	-10.90	-3.96
27	85.92	1.03	-10.92	-3.97
28	86.00	1.02	-10.82	-3.90
29	86.08	1.02	-10.86	-3.95
30	86.15	1.01	-10.92	-3.96
31	86.37	1.13	-10.89	-3.91
32	86.56	1.36	-10.97	-3.74
33	86.75	1.55	-10.93	-3.54
34	86.94	1.73		
35	87.13	1.88	-11.38	-4.04
36	87.32	2.01	-10.46	-3.89
37	87.51	2.12	-10.30	-3.96
38	87.71	2.23	-10.23	-3.90
39	87.91	2.33	-10.37	-4.02
40	88.11	2.41	-10.03	-4.04
41	88.31	2.48	-10.40	-4.15
42	88.51	2.54	-10.01	-4.07
43	88.71	1.05	-10.10	-4.05
44	88.92	2.64	-9.99	-4.00
45	89.12	2.68	-10.21	-4.01
46	89.32	2.70	-10.41	-4.23
47	89.52	2.73	-10.42	-4.54
48	89.73	2.74	-10.51	-4.63
49	89.93	2.74	-10.62	-4.97
50	90.13	2.74	-10.39	-4.82
51	90.34	2.74	-10.46	-4.77
52	90.54	2.72	-10.26	-4.94

53	90.74	2.70	-10.14	-4.76
54	90.95	2.68	-10.11	-4.75
55	91.15	2.64	-11.59	-5.07
56	91.35	2.60	-11.38	-5.19
57	91.55	2.54	-11.59	-5.25
58	91.76	2.48	-11.49	-5.38
59	91.96	2.41	-11.32	-5.37
60	92.16	2.33	-11.35	-5.50
61	92.36	2.23	-11.59	-5.50
62	92.56	2.13	-11.78	-5.27
63	92.76	2.01	-11.70	-4.62
64	92.95	1.88	-11.59	-4.36
65	93.14	1.74	-11.65	-4.58
66	93.33	1.56	-11.66	-4.50
67	93.52	1.37	-11.63	-4.52
68	93.71	1.13	-11.69	-4.54
69	94.13	0.86	-11.74	-4.34
70	94.36	1.26	-11.67	-4.31
71	94.59	1.53	-11.52	-4.22
72	94.82	1.73	-11.57	-4.18
73	95.06	1.91	-11.49	-4.12
74	95.30	2.05	-11.59	-4.07
75	95.55	2.16	-11.65	-4.10
76	95.79	2.25	-11.63	-4.11
77	96.05	2.31	-11.69	-4.16
78	96.30	2.36	-11.59	-4.03
79	96.55	2.37	-11.59	-4.07
80	96.81	2.37	-11.73	-4.08
81	97.06	2.34	-11.58	-3.87
82	97.31	2.29	-11.41	-3.88
83	97.56	2.22	-11.52	-3.88
84	97.80	2.12	-11.68	-3.86
85	98.04	1.99	-11.58	-4.08
86	98.28	1.84	-11.62	-4.12
87	98.51	1.66	-11.53	-4.23
88	98.74	1.44	-11.69	-4.15
89	99.15	0.97	-11.75	-4.29
90	99.26	1.05	-11.73	-4.41
91	99.37	1.11	-11.75	-4.58
92	99.48	1.15	-11.92	-4.73
93	99.59	1.20	-12.18	-5.12
94	99.70	1.24	-11.77	-4.96
95	99.81	1.28	-11.24	-4.58
96	99.93	1.31	-11.35	-4.36
97	100.04	1.34	-11.81	-4.25
98	100.16	1.36	-11.74	-4.60
99	100.28	1.38	-11.63	-4.57
100	100.39	1.40	-11.55	-4.70
101	100.51	1.41	-11.88	-4.84
102	100.63	1.41	-11.77	-4.67
103	100.75	1.41	-11.83	-4.34
104	100.86	1.41	-11.95	-4.00
105	100.98	1.40	-11.90	-3.91

106	101.10	1.39	-11.83	-4.22
107	101.21	1.37	-11.55	-5.03
108	101.33	1.34	-11.56	-6.19
109	101.44	1.32	-11.94	-6.18
110	101.55	1.29	-11.99	-6.12
111	101.66	1.25	-11.77	-6.01
112	101.77	1.22	-11.53	-5.93
113	101.88	1.18	-11.70	-5.74
114	102.11	1.20	-11.81	-5.10
115	102.25	1.41	-11.87	-5.20
116	102.39	1.59	-11.94	-4.93
117	102.54	1.75	-11.99	-4.79
118	102.69	1.92	-11.94	-4.66
119	102.84	2.07	-11.36	-4.27
120	102.99	2.21	-11.04	-4.24
121	103.13	2.34	-11.32	-4.33
122	103.28	2.48	-11.23	-4.38
123	103.42	2.60	-11.53	-4.60
124	103.63	2.79	-10.92	-4.54
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Hiatus				
125	110.64	2.71	-10.53	-4.30
126	110.88	2.29	-11.64	-4.20
127	111.05	1.99	-11.66	-4.30
128	111.21	1.63	-11.61	-4.29
129	111.45	0.95	-11.58	-4.47
130	112.14	2.60	-11.32	-4.03
131	112.60	3.15	-11.08	-4.50
132	113.10	3.57	-11.04	-4.22
133	113.61	3.86	-10.99	-4.09
134	114.12	4.04	-11.43	-4.58
135	114.64	4.11	-10.91	-4.44
136	115.15	4.08	-11.19	-4.21
137	115.66	3.97	-11.41	-4.45
138	116.15	3.75	-11.19	-4.48
139	116.63	3.44	-11.79	-4.86
140	117.31	2.78	-11.12	-4.47
141	117.74	3.12	-11.38	-4.46
142	118.05	3.31	-11.53	-5.94
143	118.38	3.47	-11.67	-4.67
144	118.70	3.60	-11.50	-4.79
145	119.03	3.69	-11.22	-4.86
146	119.36	3.76	-10.75	-4.49
147	119.70	3.80	-10.30	-4.51
148	120.04	3.80	-10.31	-4.48
149	120.38	3.78	-10.37	-4.46
150	120.72	3.72	-10.72	-4.73
151	121.06	3.63	-10.86	-4.87
152	121.39	3.51	-10.90	-5.02
153	121.73	3.35	-10.82	-5.09
154	122.06	3.15	-10.71	-5.46
155	122.38	2.91	-10.66	-4.98
156	122.71	2.61	-10.90	-6.06
157	123.00	2.26	-12.40	-6.61

158	123.45	1.53	-11.67	-6.43
159	123.70	1.65	-11.24	-6.30
160	123.88	1.71	-11.92	-6.64
161	124.07	1.74	-11.28	-6.54
162	124.26	1.75	-11.58	-6.81
163	124.46	1.73	-11.41	-6.85
164	124.65	1.68	-11.47	-6.76
165	124.85	1.60	-10.88	-6.91
166	125.04	1.49	-11.41	-7.06
167	125.23	1.33	-11.91	-7.28
168	125.41	1.12	-12.03	-7.27
169	125.66	0.67	-12.38	-7.74
170	125.71	0.67	-12.43	-7.66
171	125.74	0.67	-11.86	-7.25
172	125.77	0.66	-12.32	-7.43
173	125.80	0.66	-12.40	-7.51
174	125.84	0.66	-12.38	-7.62
175	125.92	0.70	-12.06	-7.31
176	125.97	0.72	-12.14	-7.43
177	126.03	0.75	-11.83	-7.40
178	126.08	0.77	-11.55	-7.46
179	126.14	0.78	-11.94	-7.07
180	126.19	0.80	-11.52	-7.27
181	126.25	0.81	-11.75	-7.04
182	126.31	0.82	-11.74	-7.15
183	126.37	0.83	-11.68	-7.11
184	126.43	0.83	-10.99	-6.77
185	126.48	0.83	-11.73	-7.16
186	126.54	0.83	-11.36	-7.05
187	126.60	0.83	-11.28	-6.72
188	126.66	0.82	-12.13	-7.31
189	126.71	0.81	-12.23	-7.47
190	126.77	0.80	-12.15	-7.43
191	126.82	0.79	-11.96	-7.28
192	126.89	0.77	-12.15	-7.36
193	126.99	0.82	-12.01	-7.35
194	127.05	0.85	-11.81	-7.24
195	127.13	0.88	-11.87	-7.13
196	127.19	0.91	-12.16	-7.58
197	127.27	0.93	-11.91	-7.24
198	127.33	0.95	-12.21	-7.38
199	127.43	0.96	-12.20	-7.36
200	127.68	1.67	-12.22	-7.29
201	127.86	2.05	-12.45	-7.45
202	128.04	2.37	-12.40	-7.85
203	128.23	2.69	-12.18	-7.33
204	128.42	2.96	-11.89	-7.06
205	128.60	3.23	-11.80	-7.02
206	128.85	3.57	-11.80	-7.02