

## Appendix B: Table of Sample Data

Table B1: Measured quantities used for calculating the  $^{10}\text{Be}$  derived precipitation record at Baoji, China. Location of sampled site: Baoji Classic Site Latitude: N34° 25.380', Longitude: E107° 0.7439'

Depth (m)	Age (kyr BP)	$^{10}\text{Be}$ concentration ( $10^6$ atoms/g)	Magnetic Susceptibility ( $10^{-8}$ m <sup>3</sup> /kg)
0.00	0.00	314.60	190
0.05	0.80	308.49	190
0.10	1.60	321.53	186
0.15	2.40	295.21	186
0.20	3.20	308.57	184
0.25	4.00	328.49	184
0.30	4.80	348.97	209
0.35	5.60	355.46	217
0.40	6.40	420.02	229
0.45	7.20	394.52	225
0.50	8.00	347.48	216
0.55	8.90	388.17	222
0.60	9.80	392.55	234
0.65	10.30	374.49	225
0.70	10.70	386.75	220
0.75	11.10	356.21	213
0.80	11.46	358.67	207
0.85	11.82	379.88	198
0.90	12.19	382.55	209
0.95	12.54	340.23	187
1.00	12.91	311.95	169
1.05	13.27	333.90	179
1.10	13.64	319.47	175
1.15	14.00	337.22	185
1.20	14.36	350.16	190
1.25	14.73	288.35	164
1.30	15.09	286.58	150
1.35	15.45	312.88	165
1.40	15.81	285.65	152
1.45	16.18	296.79	142
1.50	16.54	301.61	143
1.55	16.90	258.88	134
2.60	31.66	253.34	175
2.70	33.61	229.37	167
2.80	35.55	271.70	175
2.90	37.49	282.71	176
3.00	39.43	274.36	170
3.10	41.37	291.87	171
3.20	43.31	266.64	171
3.30	45.25	264.21	172
3.40	47.19	234.66	162
3.50	49.30	268.17	169
3.60	51.50	266.51	174
3.70	53.81	282.18	176

3.80	55.54	270.14	171
3.90	57.22	246.29	165
4.00	58.86	244.17	158
4.10	60.45	236.77	163
4.20	62.00	238.77	168
4.30	63.51	254.26	165
4.40	64.97	268.62	162
4.50	66.40	255.33	164
4.80	70.45	257.97	193
4.90	71.73	281.23	205
5.00	72.98	288.83	204
5.10	74.20	308.48	210
5.20	75.38	319.95	207
5.30	76.54	303.47	211
5.40	77.66	292.40	206
5.50	78.76	316.55	200
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9.60	110.91	250.82	158
9.70	111.54	232.21	165
9.80	112.17	270.82	169
9.90	112.79	264.29	158
10.00	113.42	286.30	151
10.10	114.05	239.18	165
10.20	114.67	287.53	168
10.30	115.30	294.27	201
10.40	115.93	307.21	214
10.50	116.56	384.96	217
10.60	117.19	399.56	239
10.70	117.83	405.46	271
10.80	118.46	404.82	272
10.90	119.10	392.61	286
11.00	119.74	412.52	278
11.10	120.38	391.31	262
11.20	121.03	394.08	267
11.30	121.68	432.83	279
11.40	122.33	455.10	291
11.50	122.98	364.33	299
11.60	123.63	404.07	312
11.70	124.29	473.86	315
11.80	124.95	512.83	328
11.90	125.61	442.94	310
12.00	126.28	441.88	278
12.10	126.95	403.97	244
12.20	127.62	441.18	228
12.30	128.30	419.85	212
12.50	129.66	384.51	116
12.60	130.34	358.64	86
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26.50	292.79	240.01	161
26.55	293.64	216.48	157
26.60	294.49	216.58	158
26.65	295.34	227.85	159
26.70	296.19	237.74	162
26.75	297.05	246.24	162
26.80	297.91	249.74	169

26.85	298.77	270.93	170
26.90	299.63	259.15	174
26.95	300.49	252.01	183
27.00	301.35	281.03	188
27.05	302.22	289.13	205
27.10	303.09	324.67	221
27.15	303.96	362.22	242
27.20	304.83	330.48	249
27.30	306.59	278.04	222
27.40	308.35	403.87	232
27.50	310.11	390.13	282
27.60	312.29	455.29	329
27.70	314.88	472.88	350
27.80	317.06	439.02	343
27.90	318.64	504.37	356
28.00	320.21	444.89	330
28.10	321.77	375.44	316
28.20	323.33	367.17	316
28.30	324.88	406.13	301
28.40	326.43	379.40	313
28.50	327.97	380.28	328
28.60	329.51	428.91	333
28.70	331.04	441.38	360
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30.40	356.20	257.60	94
30.50	357.63	249.85	94
30.60	359.06	240.53	90
30.70	360.48	250.42	94
30.80	361.90	324.25	102
30.90	363.31	285.52	104
31.00	364.72	306.20	92
31.10	366.12	329.50	80
31.20	367.52	314.83	72
31.30	368.91	322.07	72
31.40	370.30	299.42	64
31.50	371.68	263.52	53
31.60	373.06	294.58	56
31.70	374.43	331.78	48
31.80	375.80	260.93	49
31.90	377.16	242.58	49
32.00	378.52	248.33	48
32.10	379.88	263.36	44
32.20	381.23	252.59	41
32.30	382.57	252.67	42
32.40	383.91	273.04	46
32.51	386.58	243.40	46
32.61	389.89	304.50	48
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32.71	393.17	291.83	58
32.91	398.89	384.71	80
33.27	403.50	418.35	99
33.31	404.01	410.98	101
33.35	404.52	379.04	99
33.39	405.03	398.92	101
33.43	405.54	560.63	114

33.47	406.04	435.78	111
33.51	406.55	390.92	115
33.55	407.06	429.97	119
33.59	407.56	442.97	122
33.63	408.06	395.74	126
33.67	408.57	449.62	132
33.71	409.07	457.17	136
33.75	409.57	454.97	148
33.79	410.08	501.19	156
33.87	411.08	448.69	168
33.95	412.08	460.76	186
34.03	413.08	473.92	210
34.11	414.07	441.13	205
34.19	415.06	444.69	150
34.23	415.56	397.13	131
34.27	416.05	429.03	136
34.35	417.04	399.65	108
34.43	418.03	422.05	91
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39.31	474.34	358.64	103
39.35	474.78	375.37	99
39.43	475.65	430.00	92
39.47	476.08	308.50	89
39.51	476.52	400.27	87
39.55	476.95	363.90	85
39.59	477.39	509.66	81
39.63	477.82	417.35	80
39.67	478.26	352.28	76
39.71	478.69	411.78	82
39.75	479.12	439.51	105
39.79	479.55	440.41	108
39.83	479.99	463.70	121
39.87	480.42	483.69	125
39.91	480.85	488.34	131
39.95	481.28	493.14	134
39.99	481.71	481.66	143
40.07	482.57	540.04	145
40.15	483.43	523.79	170
40.23	484.29	628.78	195
40.31	485.15	637.71	195
40.39	486.01	594.33	192
40.47	486.86	562.71	174
40.55	487.72	613.21	186
40.63	488.57	605.26	190
40.71	489.42	609.04	169
40.79	490.28	557.75	136
40.83	490.70	583.25	120
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