$^{40}Ar/^{39}Ar$ Step Heating Data – Klokken K-feldspar samples

Temp (°C)	$^{40}Ar/^{39}Ar$	$^{38}Ar/^{39}Ar$ (10^{-2})	$^{37}Ar/^{39}Ar$ (10^{-3})	$^{36}Ar/^{39}Ar$ (10^{-3})	^{39}Ar (mol) (10^{-16})	Cumulative ^{39}Ar (%)	$^{40}Ar^*$ (%)	$^{40}Ar^*/^{39}Ar_K$	Calculated Age (Ma) ± 1 σ
140182 K-feldspar, 1.78 mg, J = 0.0120804									
437	386.9	146.7	188.1	490.8	1.547	0.0	62.4	241.3	2458 ± 43
437	358.2	81.29	12.77	1004	0.8327	0.1	17.1	61.10	995.0 ± 97
487	208.7	57.47	22.02	228.3	1.373	0.1	67.4	140.6	1788 ± 18.0
487	113.7	40.99	162.1	234.7	1.631	0.2	38.6	43.86	765.2 ± 28
541	189.9	39.39	151.8	74.34	3.422	0.2	88.2	167.5	1992 ± 14.9
541	60.66	27.56	76.57	75.84	4.242	0.4	62.2	37.74	676.0 ± 13
590	99.81	30.65	114.4	32.85	7.693	0.6	89.8	89.60	1320 ± 10.2
590	44.96	22.00	90.56	37.31	9.120	0.8	74.4	33.43	610.3 ± 5.8
640	61.88	23.18	179.0	17.89	13.44	1.2	90.7	56.09	931.2 ± 7.5
640	47.13	21.22	126.0	21.24	16.70	1.6	85.6	40.37	714.8 ± 4.1
700	63.33	23.48	117.3	15.57	22.25	2.3	91.9	58.23	958.7 ± 6.6
700	56.73	18.87	84.46	12.09	29.21	3.1	92.8	52.65	886.0 ± 2.8
750	63.59	23.08	59.50	6.371	40.81	4.2	96.2	61.19	996.2 ± 3.4
750	65.97	18.23	60.12	4.812	62.59	5.9	97.1	64.04	1031 ± 4.6
800	68.99	19.65	36.27	2.819	75.81	8.0	98.1	67.65	1075 ± 2.1
800	70.10	17.94	35.57	4.053	105.5	10.9	97.6	68.40	1084 ± 2.3
850	70.93	18.48	31.34	2.588	105.6	13.7	98.2	69.64	1099 ± 2.4
850	70.70	17.79	33.71	3.444	143.7	17.7	97.8	69.21	1094 ± 3.2
900	71.18	17.97	34.23	2.953	139.6	21.5	98.1	69.82	1101 ± 2.4
900	72.16	17.25	32.24	3.862	186.4	26.6	97.7	70.52	1109 ± 2.3
950	72.59	17.89	39.87	3.329	149.2	30.7	97.9	71.13	1116 ± 3.8
950	72.94	17.53	34.42	4.350	186.6	35.8	97.5	71.17	1117 ± 2.9
950	74.28	17.96	28.62	6.988	186.6	40.9	96.5	71.67	1123 ± 2.1
1000	75.08	20.34	37.53	4.160	81.61	43.1	97.7	73.35	1142 ± 4.1
1000	73.21	18.96	19.29	7.839	122.7	46.5	96.1	70.39	1108 ± 4.2
1050	75.28	21.31	51.44	4.723	114.6	49.6	97.5	73.39	1143 ± 5.6
1050	73.40	19.54	29.05	10.24	145.1	53.6	95.2	69.86	1101 ± 5.1
1050	76.16	20.10	31.95	15.92	119.5	56.9	93.2	70.92	1114 ± 5.5
1100	77.26	22.75	30.66	8.691	80.26	59.1	96.0	74.19	1152 ± 5.1
1100	77.61	21.77	67.18	13.16	98.42	61.8	94.3	73.21	1141 ± 5.0
1100	79.29	20.80	12.56	18.40	123.4	65.2	92.5	73.32	1142 ± 3.9
1100	83.44	21.46	49.24	31.86	134.7	68.8	88.1	73.53	1144 ± 3.6
1100	90.11	22.32	30.90	46.03	132.4	72.5	84.3	75.98	1172 ± 5.8
1100	95.84	22.93	32.07	63.48	141.8	76.4	79.9	76.57	1179 ± 6.3
1100	103.2	22.54	31.30	97.74	132.7	80.0	71.5	73.84	1148 ± 11.1
1100	128.5	25.47	45.97	165.9	153.5	84.2	61.4	78.94	1206 ± 9.0
1200	81.78	21.72	51.12	8.141	95.62	86.8	96.4	78.87	1205 ± 4.1
1230	80.49	22.55	49.39	6.989	172.7	91.5	96.8	77.89	1194 ± 2.2
1260	81.13	20.44	33.05	9.053	136.2	95.3	96.1	77.91	1194 ± 4.7
1290	85.03	23.91	69.03	28.48	53.37	96.7	89.5	76.11	1174 ± 8.3
1320	91.76	26.63	161.1	72.63	26.09	97.4	76.1	69.81	1101 ± 9.8
1350	109.2	26.77	231.1	124.8	19.03	98.0	65.8	71.89	1125 ± 10.7
1450	150.5	31.42	84.86	348.1	74.35	100.0	31.3	47.17	812 ± 16.5
Totals					15150			71.73	1123 ± 4.8

λ_e = 5.543 x 10^{-10} a^{-1} Fluence monitor, *GA1550 Biotite*, $^{40}Ar^*/^{39}Ar_K$ = 4.6593

Temp (°C)	$^{40}Ar/^{39}Ar$	$^{38}Ar/^{39}Ar$ (10^{-2})	$^{37}Ar/^{39}Ar$ (10^{-4})	$^{36}Ar/^{39}Ar$ (10^{-3})	^{39}Ar (mol) (10^{-15})	Cumulative ^{39}Ar (%)	$^{40}Ar^*$ (%)	$^{40}Ar^*/^{39}Ar_K$	Calculated Age (Ma) ± 1 σ
140025F K-feldspar, 0.89 mg, J = 0.0119595									
437	209.7	274.2	2833	130.6	0.3188	0.1	81.4	170.7	2002 ± 19.2
437	104.2	93.17	4.650	274.4	0.1873	0.2	21.7	22.58	430.2 ± 35
487	98.68	132.9	1.638	88.16	0.5319	0.5	73.1	72.12	1119 ± 6.9
487	38.40	39.37	313.8	68.08	0.6068	0.7	46.3	17.76	346.5 ± 9.0
541	53.31	87.93	184.2	18.61	1.782	1.5	88.7	47.30	806.8 ± 4.0
541	22.66	31.76	364.4	23.64	1.508	2.1	66.9	15.16	299.8 ± 3.6
590	39.28	65.54	415.9	15.42	2.597	3.3	87.1	34.19	616.9 ± 3.8
590	23.31	30.78	1272	21.29	1.715	4.0	70.9	16.52	324.4 ± 3.5
640	35.63	62.27	859.0	13.83	2.277	5.0	87.1	31.03	568.0 ± 3.8
640	26.86	25.66	1424	24.28	1.525	5.6	71.4	19.19	371.7 ± 3.6
700	34.02	49.55	826.6	11.26	1.678	6.4	88.7	30.19	554.7 ± 5.1
700	34.03	23.50	435.6	25.24	1.310	6.9	76.6	26.07	488.4 ± 4.2
750	37.11	43.03	232.5	14.69	1.472	7.6	86.9	32.25	587.0 ± 3.5
750	39.91	22.97	189.4	19.89	1.420	8.2	84.0	33.52	606.7 ± 6.4
800	40.16	35.19	342.9	16.40	1.427	8.8	86.7	34.81	626.2 ± 4.3
800	42.56	22.75	0.9245	26.47	1.615	9.5	80.4	34.23	617.5 ± 4.7
850	41.64	31.74	483.6	25.31	1.754	10.3	80.8	33.64	608.5 ± 5.1
850	46.41	22.63	1.031	32.30	2.071	11.2	78.3	36.35	649.5 ± 6.6
900	42.33	28.18	509.4	22.21	2.120	12.1	83.3	35.27	633.3 ± 6.1
900	46.23	24.70	0.7905	30.79	2.706	13.2	79.2	36.60	653.3 ± 4.7
950	40.75	34.85	465.6	17.49	3.237	14.6	86.1	35.06	630.1 ± 5.5
950	41.57	30.76	23.65	23.47	4.474	16.6	82.1	34.13	616.0 ± 3.7
950	43.88	35.20	49.33	32.14	5.875	19.1	77.2	33.86	611.9 ± 4.3
1000	36.02	48.03	193.7	15.87	4.936	21.3	85.6	30.81	564.5 ± 3.7
1000	38.24	41.00	94.84	21.56	6.493	24.1	82.0	31.36	573.1 ± 3.4
1050	34.55	47.60	188.1	10.94	8.813	27.9	89.2	30.81	564.5 ± 2.0
1050	35.52	41.82	92.84	17.57	11.18	32.7	83.9	29.82	548.8 ± 1.9
1050	39.61	42.27	127.5	29.93	13.95	38.7	76.4	30.26	555.7 ± 1.9
1100	36.64	47.71	0.3528	11.29	10.65	43.4	89.5	32.78	595.3 ± 3.7
1100	41.18	46.87	0.2490	18.07	15.10	49.9	85.8	35.33	634.3 ± 3.0
1100	45.69	44.06	0.1882	26.86	20.01	58.5	81.5	37.25	663.0 ± 2.5
1100	50.96	40.93	99.37	38.30	22.31	68.2	76.8	39.11	690.6 ± 3.4
1100	56.39	39.40	27.92	54.32	20.82	77.2	70.6	39.82	701.0 ± 3.3
1100	67.35	39.01	56.15	93.19	16.60	84.4	58.3	39.30	693.3 ± 6.1
1100	86.24	38.63	0.6697	162.2	9.716	88.6	43.8	37.79	671.1 ± 7.0
1100	145.4	42.17	0.7620	370.8	8.638	92.3	24.3	35.26	633.2 ± 18
1200	39.40	38.00	427.2	24.53	3.624	93.9	80.3	31.63	577.4 ± 4.4
1230	39.88	33.35	0.9883	28.66	3.919	95.6	77.5	30.91	566.1 ± 5.9
1260	41.77	31.77	1.025	37.51	3.783	97.2	72.2	30.17	554.3 ± 5.0
1290	47.17	29.00	261.8	59.62	2.707	98.4	61.6	29.05	536.6 ± 8.0
1320	89.30	37.56	4.295	200.4	0.9037	98.8	33.1	29.57	544.8 ± 26
1350	115.4	34.22	4.797	285.2	0.8095	99.1	26.5	30.62	561.5 ± 26
1450	235.9	42.47	3.211	688.8	2.060	100.0	13.5	31.81	580.2 ± 48
Totals					231.2			34.91	627.8 ± 5.0

λ_e = 5.543 x 10^{-10} a^{-1} Fluence monitor, *GA1550 Biotite*, $^{40}Ar^*/^{39}Ar_K$ = 4.7064

Temp (°C)	$^{40}Ar/^{39}Ar$	$^{38}Ar/^{39}Ar$ (10^{-2})	$^{37}Ar/^{39}Ar$ (10^{-3})	$^{36}Ar/^{39}Ar$ (10^{-3})	^{39}Ar (mol) (10^{-15})	Cumulative ^{39}Ar (%)	$^{40}Ar^*$ (%)	$^{40}Ar^*/^{39}Ar_K$	Calculated Age (Ma) ± 1 σ
43738M K-feldspar, 0.98 mg, J = 0.0119751									
437	237.6	218.0	0.8335	366.8	0.1568	0.1	54.2	128.7	1679 ± 119
437	174.8	113.8	0.7287	464.1	0.1058	0.1	21.2	37.09	661.4 ± 130
487	169.5	137.6	0.3342	224.5	0.2308	0.2	60.6	102.7	1443 ± 17.2
487	72.85	51.88	64.85	177.5	0.3053	0.3	27.3	19.91	384.7 ± 32
541	85.44	113.8	3.487	45.52	0.7645	0.7	83.7	71.47	1113 ± 4.4
541	29.86	32.20	18.84	43.83	0.9108	1.0	54.9	16.40	322.6 ± 6.1
590	52.82	72.64	19.19	25.28	1.725	1.8	84.9	44.83	773.4 ± 4.7
590	24.78	27.21	16.42	25.71	1.813	2.5	67.3	16.68	327.6 ± 3.0
640	41.74	53.76	41.24	15.38	2.604	3.6	87.9	36.70	655.5 ± 4.4
640	28.25	23.13	28.14	18.86	2.559	4.7	78.5	22.16	423.5 ± 3.9
700	42.40	42.30	32.30	12.20	2.974	6.0	90.3	38.27	678.9 ± 2.7
700	39.56	22.38	50.34	20.88	3.079	7.3	83.1	32.89	597.6 ± 2.4
750	48.52	31.21	54.73	10.72	3.477	8.7	92.4	44.85	773.6 ± 3.9
750	51.07	21.13	62.60	16.36	3.824	10.3	89.5	45.72	785.8 ± 3.5
800	57.34	27.42	88.16	10.47	3.650	11.9	93.7	53.77	894.6 ± 3.6
800	61.01	19.55	90.36	16.67	4.004	13.5	91.1	55.57	918.1 ± 5.4
850	64.87	26.24	108.9	11.86	3.652	15.1	93.8	60.86	985.3 ± 2.5
850	66.16	20.13	79.85	18.79	4.377	16.9	90.8	60.10	975.8 ± 4.4
900	66.17	23.72	63.21	13.64	4.360	18.8	93.1	61.62	994.8 ± 5.0
900	69.06	21.00	72.73	23.55	5.534	21.1	89.2	61.61	994.6 ± 4.0
950	65.96	26.59	41.52	14.94	5.171	23.3	92.5	61.04	987.6 ± 5.8
950	67.49	24.46	48.66	21.76	6.681	26.1	89.7	60.56	981.5 ± 3.4
950	69.01	27.09	28.44	32.51	7.779	29.4	85.3	58.89	960.5 ± 8.7
1000	65.72	43.61	40.16	19.68	5.152	31.5	90.4	59.39	966.9 ± 5.8
1000	65.50	35.50	26.67	25.66	7.537	34.7	87.6	57.42	941.8 ± 3.3
1050	61.54	43.61	28.27	15.55	9.645	38.8	91.7	56.44	929.3 ± 3.2
1050	63.49	38.04	32.91	24.03	13.13	44.3	88.0	55.87	921.9 ± 3.8
1050	67.21	40.38	31.51	34.74	16.07	51.0	84.0	56.42	929.1 ± 3.4
1100	62.65	51.23	33.30	14.43	11.75	56.0	92.4	57.85	947.4 ± 2.8
1100	67.26	48.53	48.79	26.28	15.61	62.6	87.7	59.02	962.1 ± 3.4
1100	72.46	48.69	34.85	37.90	19.10	70.6	83.8	60.74	983.8 ± 5.2
1100	81.40	47.13	45.82	63.46	18.01	78.2	76.3	62.16	1001 ± 6.0
1100	94.69	48.49	53.99	107.4	11.29	82.9	66.0	62.48	1005 ± 5.3
1100	117.9	50.68	27.10	175.7	9.197	86.8	55.5	65.42	1041 ± 8.1
1100	159.9	53.04	37.63	320.2	7.260	89.9	40.5	64.71	1033 ± 13.0
1100	247.8	59.56	82.94	604.8	7.126	92.9	27.7	68.64	1080 ± 22.6
1200	72.71	50.84	43.84	18.27	7.519	96.0	91.9	66.80	1058 ± 3.8
1230	77.22	51.67	64.07	34.08	5.355	98.3	86.3	66.63	1056 ± 6.0
1260	103.6	52.99	51.77	116.3	1.790	99.0	66.3	68.74	1081 ± 7.0
1290	144.8	54.09	85.72	260.2	1.016	99.5	46.5	67.38	1065 ± 15.4
1320	176.8	53.10	96.31	360.8	0.8457	99.8	39.4	69.72	1093 ± 14.4
1350	330.7	65.88	123.9	872.7	0.4587	100.0	21.9	72.38	1124 ± 31.2
Totals					237.6			58.22	952.1 ± 5.7

λ_e = 5.543 x 10^{-10} a^{-1} Fluence monitor, *GA1550 Biotite*, $^{40}Ar^*/^{39}Ar_K$ = 4.7003

Temp (°C)	$^{40}Ar/^{39}Ar$	$^{38}Ar/^{39}Ar$ (10^{-2})	$^{37}Ar/^{39}Ar$ (10^{-3})	$^{36}Ar/^{39}Ar$ (10^{-3})	^{39}Ar (mol) (10^{-15})	Cumulative ^{39}Ar (%)	$^{40}Ar^*$ (%)	$^{40}Ar^*/^{39}Ar_K$	Calculated Age (Ma) ± 1 σ
140175 K-feldspar, 0.89 mg, J = 0.0120106									
437	488.8	78.85	19169	210.6	0.0556	0.0	87.6	435.5	3295 ± 461
437	436.6	67.16	29.06	1381	0.0405	0.1	6.4	27.82	518.8 ± 430
487	218.3	50.94	1959	381.1	0.0833	0.1	48.3	105.6	1474 ± 94
487	202.9	39.78	3638	554.1	0.0979	0.1	19.2	39.15	693.5 ± 95
541	131.7	32.33	1252	140.6	0.1816	0.2	68.2	89.89	1318 ± 25
541	91.23	27.83	943.3	208.3	0.2257	0.4	32.1	29.27	542.1 ± 22
590	80.02	23.29	102.9	75.62	0.3893	0.6	71.4	57.17	940.8 ± 11
590	63.01	21.74	360.0	108.0	0.4866	0.8	48.6	30.64	563.8 ± 11
640	51.08	20.87	645.7	42.09	0.8069	1.2	74.8	38.22	679.8 ± 7.8
640	54.67	19.65	116.7	60.55	1.009	1.7	66.4	36.29	651.0 ± 7.8
691	49.43	18.98	86.75	22.32	1.358	2.4	85.6	42.32	739.6 ± 4.5
691	53.32	18.31	116.3	30.05	2.151	3.5	82.4	43.96	763.0 ± 4.0
750	54.44	18.00	41.82	12.03	2.836	5.0	92.5	50.39	851.8 ± 4.7
750	61.44	17.74	0.5480	18.80	3.677	6.9	90.1	55.36	917.5 ± 3.3
800	63.44	17.66	0.6122	11.02	3.293	8.6	94.1	59.67	972.6 ± 2.6
800	69.97	17.55	47.95	19.34	3.733	10.5	91.1	63.75	1023 ± 3.5
850	72.40	17.78	168.4	10.58	3.605	12.4	95.0	68.77	1084 ± 6.9
850	76.28	17.63	60.01	19.20	5.552	15.2	91.9	70.11	1100 ± 6.0
900	76.14	17.94	0.5411	9.447	5.335	18.0	95.7	72.83	1131 ± 2.4
900	76.27	17.31	0.3552	14.18	8.136	22.2	93.8	71.55	1117 ± 5.7
950	76.27	17.66	0.4218	8.985	6.857	25.7	95.8	73.10	1134 ± 4.6
950	77.66	17.87	0.2948	12.96	9.821	30.7	94.4	73.31	1137 ± 4.5
950	80.59	18.65	0.2740	23.17	10.60	36.2	90.9	73.23	1136 ± 3.5
1000	79.46	18.73	44.19	15.04	4.775	38.7	93.8	74.50	1150 ± 4.6
1000	80.97	17.77	61.99	21.90	13.19	45.5	91.4	74.02	1145 ± 10.9
1050	80.04	18.76	53.72	12.15	6.402	48.7	94.9	75.94	1167 ± 4.4
1050	82.40	18.36	57.97	24.88	8.498	53.1	90.5	74.53	1151 ± 5.9
1050	92.40	19.88	150.0	52.95	9.807	58.2	82.5	76.27	1171 ± 6.3
1100	83.54	19.23	124.9	18.95	6.380	61.5	92.7	77.45	1184 ± 4.0
1100	88.07	18.99	0.5386	35.45	9.284	66.2	87.5	77.08	1180 ± 5.5
1100	96.78	19.38	0.4361	63.15	11.48	72.1	80.2	77.60	1186 ± 6.0
1100	110.4	20.58	192.5	116.2	8.425	76.5	68.5	75.61	1163 ± 6.1
1100	134.3	22.55	1.185	197.1	7.228	80.2	56.2	75.54	1162 ± 9.1
1100	178.9	25.71	1254	335.9	6.282	83.4	44.3	79.35	1205 ± 14.9
1100	232.6	28.88	716.6	516.8	4.803	85.9	34.1	79.36	1205 ± 18.7
1100	346.4	36.60	1.481	898.3	5.912	88.9	23.2	80.47	1217 ± 36.5
1200	91.41	19.46	1.983	42.18	2.596	90.3	85.8	78.43	1195 ± 12.3
1230	83.69	18.12	314.2	29.80	6.363	93.6	88.9	74.41	1149 ± 8.9
1260	90.34	18.31	0.6645	45.86	4.533	95.9	84.4	76.26	1170 ± 5.6
1290	110.3	20.10	514.7	121.8	2.349	97.1	66.9	73.83	1143 ± 12.5
1320	175.9	25.05	335.5	340.7	1.049	97.6	42.5	74.76	1153 ± 14.3
1350	161.3	25.05	553.8	302.6	1.518	98.4	44.3	71.51	1116 ± 16.5
1450	582.1	50.49	1.672	1794	3.092	100.0	8.9	51.58	867.7 ± 60
Totals					194.3			72.49	1127 ± 8.9

λ_e = 5.543 x 10^{-10} a^{-1} Fluence monitor, *GA1550 Biotite*, $^{40}Ar^*/^{39}Ar_K$ = 4.6864

Temp (°C)	$^{40}Ar/^{39}Ar$	$^{38}Ar/^{39}Ar$ (10^{-2})	$^{37}Ar/^{39}Ar$ (10^{-4})	$^{36}Ar/^{39}Ar$ (10^{-3})	^{39}Ar (mol) (10^{-15})	Cumulative ^{39}Ar (%)	$^{40}Ar^*$ (%)	$^{40}Ar^*/^{39}Ar_K$	Calculated Age (Ma) ± 1 σ
140115F K-feldspar, 0.81 mg, J = 0.0119827									
437	199.3	71.65	171.4	244.8	0.0592	0.0	63.5	126.5	1661 ± 71.2
437	144.6	47.59	39767	461.6	0.0344	0.1	5.6	8.112	166.8 ± 180
487	211.2	70.81	112.9	274.5	0.0531	0.1	61.4	129.7	1688 ± 83.6
487	96.01	64.94	18612	278.4	0.0581	0.1	14.0	13.46	269.0 ± 94
541	87.69	59.05	20447	77.16	0.1051	0.2	73.7	64.68	1033 ± 37.7
541	50.34	44.98	47.04	106.8	0.1276	0.3	36.3	18.26	356.0 ± 30
590	59.51	40.16	16569	56.54	0.2119	0.4	71.4	42.53	741.1 ± 15
590	32.77	25.57	20.79	47.16	0.2892	0.6	55.9	18.32	357.0 ± 21
640	32.67	28.07	1374	26.19	0.4353	0.9	74.8	24.44	462.1 ± 11
640	34.09	20.47	1336	30.01	0.5448	1.3	72.5	24.72	466.8 ± 16
691	41.88	25.47	3125	19.56	0.6815	1.8	85.0	35.63	639.8 ± 4.9
691	45.40	24.04	3127	16.91	0.7438	2.3	87.9	39.94	703.8 ± 13
750	52.35	27.41	11.33	13.33	0.9037	2.9	91.5	47.90	816.3 ± 6.9
750	62.59	22.48	708.5	15.93	1.119	3.7	91.7	57.39	941.9 ± 7.9
800	69.27	23.81	7.836	9.006	1.308	4.5	95.4	66.12	1050 ± 5.0
800	75.94	19.96	5.849	9.595	1.754	5.7	95.6	72.60	1127 ± 4.5
850	74.04	20.57	4.909	7.290	2.092	7.2	96.4	71.34	1112 ± 5.7
850	74.12	18.76	4.435	9.450	3.308	9.4	95.5	70.79	1106 ± 4.2
900	74.23	19.49	1148	6.311	3.632	11.9	96.8	71.86	1118 ± 4.1
900	74.90	17.85	2.768	6.805	5.311	15.5	96.6	72.37	1124 ± 5.1
950	75.79	18.96	2.851	4.859	5.159	19.0	97.4	73.84	1141 ± 4.4
950	75.15	18.27	722.0	5.856	6.892	23.7	97.0	72.91	1130 ± 4.1
950	75.87	17.27	1.626	7.766	9.092	29.9	96.3	73.06	1132 ± 4.9
1000	74.94	18.84	3.358	7.376	4.405	32.9	96.4	72.23	1122 ± 11.7
1000	74.73	17.91	32.07	6.861	7.419	37.9	96.6	72.19	1122 ± 3.2
1050	74.88	18.36	1559	5.400	7.244	42.9	97.2	72.79	1129 ± 1.7
1050	75.52	17.99	199.3	6.932	10.67	50.1	96.6	72.95	1131 ± 4.6
1050	76.44	18.14	622.3	10.52	12.44	58.6	95.3	72.81	1130 ± 2.1
1100	74.15	19.03	4.033	6.687	6.306	62.9	96.6	71.65	1116 ± 5.5
1100	74.97	18.55	1210	7.507	9.902	69.6	96.4	72.26	1123 ± 5.8
1100	77.34	19.47	961.2	14.33	10.83	77.0	93.9	72.63	1127 ± 5.2
1100	82.14	20.26	841.0	27.38	10.25	84.0	89.5	73.56	1138 ± 2.1
1100	90.50	22.56	7.190	52.94	6.063	88.1	82.1	74.35	1147 ± 6.0
1100	102.3	23.39	9.227	89.48	4.745	91.3	73.7	75.37	1158 ± 5.0
1100	124.5	25.39	12.91	170.3	3.412	93.7	59.1	73.62	1138 ± 10.1
1100	176.4	28.39	14.88	331.9	2.994	95.7	44.1	77.82	1186 ± 18.7
1200	80.53	24.98	17.96	14.97	1.459	96.7	93.9	75.61	1161 ± 15.4
1230	80.02	23.31	6134	15.68	1.857	98.0	93.6	74.96	1154 ± 11.6
1260	84.59	23.05	1662	31.46	1.460	99.0	88.4	74.81	1152 ± 6.5
1290	103.5	28.24	4246	111.1	0.5247	99.3	67.8	70.24	1099 ± 15.8
1320	145.4	36.33	54.84	242.7	0.2799	99.5	50.3	73.12	1133 ± 34.7
1350	170.9	36.76	25103	327.3	0.2422	99.7	43.3	74.14	1144 ± 43.3
1450	500.4	70.65	16858	1449	0.4988	100.0	14.4	72.02	1120 ± 136
Totals					146.9			71.81	1118 ± 6.1

λ_e = 5.543 x 10^{-10} a^{-1} Fluence monitor, *GA1550 Biotite*, $^{40}Ar^*/^{39}Ar_K$ = 4.6973