Relative Abundances			36Ar [fA]	%1σ	37Ar [fA]	%1σ	38Ar [fA]	%1σ	39Ar [fA]	%1σ	40Ar [fA]	%1σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
15D03835	1.8 %		0.1256980	1.007	9.40542	17.454	0.619616	6.456	51.7719	0.102	824.220	0.012	15.21512 ± 0.03481	41.95 ± 0.09	95.56	1.25	2.37 ± 0.83
15D03837	1.9 %		0.0840568	1.391	9.95683	16.060	0.725396	5.206	61.1899	0.097	959.613	0.011	15.28725 ± 0.03210	42.15 ± 0.09	97.47	1.48	2.64 ± 0.85
15D03838	2.0 %		0.0602012	1.957	10.13087	16.932	0.737094	5.234	64.7121	0.095	1007.655	0.010	15.30657 ± 0.03146	42.20 ± 0.09	98.29	1.56	2.75 ± 0.93
15D03839	2.1 %		0.0526189	1.997	12.00704	14.564	0.963204	4.212	79.6860	0.087	1239.430	0.010	15.36839 ± 0.02824	42.37 ± 0.08	98.80	1.92	2.85 ± 0.83
15D03841	2.2 %		0.0283162	3.549	4.30925	40.191	0.546241	7.247	47.0189	0.115	731.287	0.014	15.37941 ± 0.03829	42.40 ± 0.10	98.88	1.13	4.69 ± 3.77
15D03842	2.3 %		0.0346593	3.115	12.67046	12.924	0.780586	5.364	69.8966	0.093	1087.243	0.010	15.42082 ± 0.03046	42.51 ± 0.08	99.13	1.69	2.37 ± 0.61
15D03843	2.4 %		0.0177161	5.594	4.21112	36.651	0.434454	9.357	39.2078	0.121	610.510	0.016	15.44335 ± 0.04100	42.57 ± 0.11	99.17	0.95	4.00 ± 2.93
15D03845	2.5 %		0.0208225	4.759	7.29591	21.394	0.589653	6.712	49.9419	0.109	777.885	0.014	15.46180 ± 0.03637	42.62 ± 0.10	99.26	1.20	2.94 ± 1.26
15D03846	2.6 %		0.0249605	4.058	10.53140	15.542	0.817514	4.749	68.8171	0.092	1071.662	0.010	15.47524 ± 0.03008	42.66 ± 0.08	99.36	1.66	2.81 ± 0.87
15D03847	**2.7 %**	✓	**0.0231399**	**4.291**	**8.94867**	**18.614**	**0.731144**	**5.324**	**60.8290**	**0.099**	**949.033**	**0.012**	**15.49853 ± 0.03263**	**42.72 ± 0.09**	**99.33**	**1.47**	**2.92 ± 1.09**
15D03849	**2.8 %**	✓	**0.0181953**	**5.272**	**7.39580**	**21.536**	**0.629132**	**6.149**	**53.8755**	**0.105**	**839.008**	**0.012**	**15.48171 ± 0.03457**	**42.68 ± 0.09**	**99.40**	**1.30**	**3.13 ± 1.35**
15D03850	**2.9 %**	✓	**0.0226476**	**4.512**	**12.13776**	**14.405**	**1.016121**	**3.841**	**81.7394**	**0.089**	**1274.472**	**0.009**	**15.51946 ± 0.02884**	**42.78 ± 0.08**	**99.53**	**1.97**	**2.90 ± 0.83**
15D03851	**3.0 %**	✓	**0.0251630**	**4.143**	**16.19547**	**9.618**	**1.259474**	**3.076**	**104.4796**	**0.083**	**1628.171**	**0.008**	**15.52246 ± 0.02657**	**42.79 ± 0.07**	**99.60**	**2.52**	**2.77 ± 0.53**
15D03853	**3.2 %**	✓	**0.0228191**	**4.495**	**17.22903**	**9.366**	**1.153564**	**3.252**	**95.7004**	**0.084**	**1490.444**	**0.008**	**15.51584 ± 0.02711**	**42.77 ± 0.07**	**99.61**	**2.31**	**2.39 ± 0.45**
15D03854	**3.4 %**	✓	**0.0209727**	**5.030**	**19.34478**	**8.426**	**1.199599**	**3.324**	**99.9962**	**0.083**	**1556.654**	**0.007**	**15.51857 ± 0.02675**	**42.78 ± 0.07**	**99.68**	**2.41**	**2.22 ± 0.37**
15D03855	**3.6 %**	✓	**0.0227981**	**4.510**	**19.73396**	**8.579**	**1.290833**	**3.058**	**108.9128**	**0.082**	**1696.280**	**0.007**	**15.52515 ± 0.02637**	**42.80 ± 0.07**	**99.67**	**2.63**	**2.37 ± 0.41**
15D03857	**3.8 %**	✓	**0.0345942**	**3.242**	**28.57195**	**5.787**	**1.938934**	**1.930**	**165.5913**	**0.077**	**2580.244**	**0.006**	**15.53184 ± 0.02451**	**42.81 ± 0.07**	**99.67**	**4.00**	**2.49 ± 0.29**
15D03858	**4.0 %**	✓	**0.0208044**	**5.061**	**19.97997**	**8.145**	**1.384399**	**2.780**	**113.8150**	**0.081**	**1768.946**	**0.007**	**15.50012 ± 0.02600**	**42.73 ± 0.07**	**99.72**	**2.75**	**2.45 ± 0.40**
15D03859	**4.3 %**	✓	**0.0222595**	**4.520**	**24.34331**	**6.957**	**1.479795**	**2.793**	**119.6651**	**0.080**	**1861.693**	**0.007**	**15.51691 ± 0.02561**	**42.77 ± 0.07**	**99.73**	**2.89**	**2.11 ± 0.29**
15D03861	**4.6 %**	✓	**0.0716595**	**1.771**	**70.64486**	**2.444**	**4.314221**	**0.893**	**354.9817**	**0.074**	**5527.938**	**0.004**	**15.52674 ± 0.02299**	**42.80 ± 0.06**	**99.69**	**8.56**	**2.16 ± 0.11**
15D03862	4.9 %		0.0164788	6.285	20.84215	8.125	1.379308	2.816	114.9166	0.081	1781.398	0.007	15.47163 ± 0.02571	42.65 ± 0.07	99.79	2.77	2.37 ± 0.39
15D03863	5.2 %		0.0363926	3.228	43.75216	3.645	2.785565	1.418	231.3311	0.075	3593.944	0.005	15.50249 ± 0.02358	42.73 ± 0.06	99.77	5.58	2.27 ± 0.17
15D03865	5.5 %		0.0170924	5.995	23.03404	7.377	1.484406	2.701	122.5141	0.081	1899.041	0.007	15.47231 ± 0.02563	42.65 ± 0.07	99.80	2.96	2.29 ± 0.34
15D03866	5.8 %		0.0311599	3.566	34.73066	5.022	2.264178	1.678	187.1808	0.077	2901.200	0.005	15.46298 ± 0.02408	42.63 ± 0.07	99.75	4.52	2.32 ± 0.23
15D03867	6.2 %		0.0293633	3.740	31.14240	5.460	2.063326	1.997	169.5686	0.077	2625.491	0.006	15.44474 ± 0.02420	42.58 ± 0.07	99.74	4.09	2.34 ± 0.26
15D03869	6.6 %		0.0406100	2.997	37.03322	4.382	2.493668	1.592	205.1822	0.076	3176.441	0.005	15.43486 ± 0.02388	42.55 ± 0.07	99.69	4.95	2.38 ± 0.21
15D03870	7.0 %		0.0307791	3.567	26.29243	6.279	1.800499	2.207	154.1920	0.077	2377.693	0.006	15.37272 ± 0.02425	42.38 ± 0.07	99.68	3.72	2.52 ± 0.32
15D03871	7.6 %		0.0251158	4.020	19.28585	8.678	1.286095	2.905	107.7659	0.082	1661.714	0.008	15.36292 ± 0.02605	42.35 ± 0.07	99.62	2.60	2.40 ± 0.42
15D03873	8.3 %		0.0437530	2.556	23.73238	6.692	1.637003	2.328	136.4740	0.079	2105.605	0.006	15.34554 ± 0.02495	42.31 ± 0.07	99.45	3.29	2.47 ± 0.33
15D03874	9.0 %		0.0529753	2.095	23.28363	6.999	1.588841	2.496	131.5765	0.078	2028.867	0.007	15.31264 ± 0.02462	42.22 ± 0.07	99.29	3.17	2.43 ± 0.34
15D03875	9.8 %		0.0634536	1.922	18.75389	8.968	1.433395	3.016	116.3248	0.082	1797.108	0.007	15.29840 ± 0.02591	42.18 ± 0.07	99.01	2.81	2.67 ± 0.48
15D03877	11.0 %		0.1112150	1.139	23.05724	7.219	1.915363	2.049	155.2131	0.078	2401.112	0.006	15.26746 ± 0.02443	42.09 ± 0.07	98.68	3.74	2.89 ± 0.42
15D03878	13.0 %		0.2462755	0.697	32.53240	5.347	2.699483	1.474	217.5289	0.076	3393.501	0.005	15.27518 ± 0.02370	42.12 ± 0.06	97.91	5.25	2.87 ± 0.31
15D03879	15.5 %		0.2087014	0.806	19.57826	8.914	1.377329	2.799	110.1888	0.081	1746.239	0.007	15.30002 ± 0.02659	42.18 ± 0.07	96.53	2.66	2.42 ± 0.43
15D03881	18.5 %		0.1236141	1.041	10.49046	16.470	0.548159	7.391	46.9789	0.111	756.071	0.013	15.33236 ± 0.03837	42.27 ± 0.10	95.25	1.13	1.93 ± 0.63
15D03882	21.5 %		0.0920380	1.301	6.90968	23.352	0.381286	10.091	30.7507	0.143	499.345	0.019	15.37024 ± 0.05056	42.37 ± 0.14	94.64	0.74	1.91 ± 0.89
15D03884	24.5 %		0.0492917	2.190	1.33227	119.425	0.156299	26.117	15.2253	0.248	247.431	0.034	15.29861 ± 0.08885	42.18 ± 0.24	94.13	0.37	4.91 ± 11.74
		Σ	1.9724120	0.352	720.82698	1.401	49.905178	0.481	4144.7405	0.015	64474.587	0.001					

Information on Analysis and Constants Used in Calculations

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D62-03**
Material = **Groundmass**
Location = **Maybe Seamount**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **14-OSU-04 (R98)**
Position = **X: 0 | Y: 0 | Z/H: 55.4 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **10.18912 ± 0.01916**
FCT-NM J-value = **0.00154257 ± 0.00000290**
Air Shot 40Ar/36Ar = **303.4910 ± 0.5311**
Air Shot MDF = **0.99340892 ± 0.00071805 (LIN)**
Experiment Type = **Incremental Heating**
Extraction Method = **Bulk Laser Heating**
Heating = **77 sec**
Isolation = **6.00 min**
Instrument = **ARGUS-VI-D**
Preferred Age = **Plateau Age**
Age Classification = **Eruption Age**
IGSN = **IESS10049**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Trachyandesite**
Lat-Lon = **37°14.8'S - 1°09.6'W**

Age Equations = **Min et al. (2000)**
Negative Intensities = **Allowed**
Collector Calibrations = **40Ar 36Ar**
Decay 40K = **5.530 ± 0.048 E-10 1/a**
Decay 39Ar = **2.940 ± 0.016 E-07 1/h**
Decay 37Ar = **8.230 ± 0.012 E-04 1/h**
Decay 36Cl = **2.257 ± 0.015 E-06 1/a**
Decay 40K(EC,β⁺) = **0.580 ± 0.009 E-10 1/a**
Decay 40K(β⁻) = **4.950 ± 0.043 E-10 1/a**
Atmospheric 40/36(a) = **295.50**
Atmospheric 38/36(a) = **0.1869**
Production 39/37(ca) = **0.0006756 ± 0.0000089**
Production 38/37(ca) = **0.0000718 ± 0.0000092**
Production 36/37(ca) = **0.0002663 ± 0.0000004**
Production 40/39(k) = **0.003823 ± 0.000102**
Production 38/39(k) = **0.012031 ± 0.000019**
Production 36/38(cl) = **262.80 ± 1.71**
Scaling Ratio K/Ca = **0.430**
Abundance Ratio 40K/K = **1.1700 ± 0.0100 E-04**
Atomic Weight K = **39.0983 ± 0.0001 g**

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau		15.51662 ± 0.00812 (± 0.05%)	**42.77 ± 0.16 (± 0.38%)**	0.99 45%	32.80 11	2.25 ± 0.11
		Full External Error ± 0.97 Analytical Error ± 0.02		1.89 1.0000	2σ Confidence Limit Error Magnification	
Total Fusion Age		15.42682 ± 0.00481 (± 0.03%)	**42.53 ± 0.16 (± 0.37%)**		37	2.47 ± 0.07
		Full External Error ± 0.97 Analytical Error ± 0.01				
Normal Isochron	**215.94 ± 136.74 (± 63.32%)**	15.53033 ± 0.02668 (± 0.17%)	**42.81 ± 0.17 (± 0.41%)**	0.85 57%	32.80 11	
		Full External Error ± 0.98 Analytical Error ± 0.07		1.94 1.0000 1 0.0000018555	2σ Confidence Limit Error Magnification Number of Iterations Convergence	
Inverse Isochron Clustered Points	**176.70 ± 96.03 (± 54.35%)**	15.53859 ± 0.02664 (± 0.17%)	**42.83 ± 0.17 (± 0.41%)**	0.79 62%	32.80 11	
		Full External Error ± 0.98 Analytical Error ± 0.07		1.94 1.0000 4 0.0000440752 0%	2σ Confidence Limit Error Magnification Number of Iterations Convergence Spreading Factor	

Notes
Not great, excess argon. Small plateau is acceptable.

Incremental Heating			36Ar(a) [fA]	37Ar(ca) [fA]	38Ar(cl) [fA]	39Ar(k) [fA]	40Ar(r) [fA]	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
15D03835	1.8 %		0.1231933	9.40542	0.0000000	51.7655	787.619	41.95 ± 0.09	95.56	1.25	2.37 ± 0.83
15D03837	1.9 %		0.0814053	9.95683	0.0000000	61.1832	935.323	42.15 ± 0.09	97.47	1.48	2.64 ± 0.85
15D03838	2.0 %		0.0575033	10.13087	0.0000000	64.7052	990.415	42.20 ± 0.09	98.29	1.56	2.75 ± 0.93
15D03839	2.1 %		0.0494214	12.00704	0.0000000	79.6779	1224.521	42.37 ± 0.08	98.80	1.92	2.85 ± 0.83
15D03841	2.2 %		0.0271687	4.30925	0.0000000	47.0160	723.079	42.40 ± 0.10	98.88	1.13	4.69 ± 3.77
15D03842	2.3 %		0.0312851	12.67046	0.0000000	69.8880	1077.731	42.51 ± 0.08	99.13	1.69	2.37 ± 0.61
15D03843	2.4 %		0.0165947	4.21112	0.0000000	39.2050	605.456	42.57 ± 0.11	99.17	0.95	4.00 ± 2.93
15D03845	2.5 %		0.0188796	7.29591	0.0000000	49.9370	772.115	42.62 ± 0.10	99.26	1.20	2.94 ± 1.26
15D03846	2.6 %		0.0221560	10.53140	0.0000000	68.8100	1064.851	42.66 ± 0.08	99.36	1.66	2.81 ± 0.87
15D03847	**2.7 %**	✓	**0.0207569**	**8.94867**	**0.0000000**	**60.8230**	**942.667**	**42.72 ± 0.09**	**99.33**	**1.47**	**2.92 ± 1.09**
15D03849	**2.8 %**	✓	**0.0162258**	**7.39580**	**0.0000000**	**53.8705**	**834.007**	**42.68 ± 0.09**	**99.40**	**1.30**	**3.13 ± 1.35**
15D03850	**2.9 %**	✓	**0.0194068**	**12.13776**	**0.0283134**	**81.7312**	**1268.425**	**42.78 ± 0.08**	**99.53**	**1.97**	**2.90 ± 0.83**
15D03851	**3.0 %**	✓	**0.0208502**	**16.19547**	**0.0000000**	**104.4686**	**1621.610**	**42.79 ± 0.07**	**99.60**	**2.52**	**2.77 ± 0.53**
15D03853	**3.2 %**	✓	**0.0182310**	**17.22903**	**0.0000000**	**95.6887**	**1484.691**	**42.77 ± 0.07**	**99.61**	**2.31**	**2.39 ± 0.45**
15D03854	**3.4 %**	✓	**0.0158212**	**19.34478**	**0.0000000**	**99.9832**	**1551.596**	**42.78 ± 0.07**	**99.68**	**2.41**	**2.22 ± 0.37**
15D03855	**3.6 %**	✓	**0.0175429**	**19.73396**	**0.0000000**	**108.8995**	**1690.680**	**42.80 ± 0.07**	**99.67**	**2.63**	**2.37 ± 0.41**
15D03857	**3.8 %**	✓	**0.0269855**	**28.57195**	**0.0000000**	**165.5720**	**2571.637**	**42.81 ± 0.07**	**99.67**	**4.00**	**2.49 ± 0.29**
15D03858	**4.0 %**	✓	**0.0154805**	**19.97997**	**0.0109255**	**113.8015**	**1763.937**	**42.73 ± 0.07**	**99.72**	**2.75**	**2.45 ± 0.40**
15D03859	**4.3 %**	✓	**0.0157662**	**24.34331**	**0.0356080**	**119.6486**	**1856.577**	**42.77 ± 0.07**	**99.73**	**2.89**	**2.11 ± 0.29**
15D03861	**4.6 %**	✓	**0.0528381**	**70.64486**	**0.0290628**	**354.9339**	**5510.967**	**42.80 ± 0.06**	**99.69**	**8.56**	**2.16 ± 0.11**
15D03862	4.9 %		0.0109286	20.84215	0.0000000	114.9025	1777.729	42.65 ± 0.07	99.79	2.77	2.37 ± 0.39
15D03863	5.2 %		0.0247414	43.75216	0.0000000	231.3015	3585.748	42.73 ± 0.06	99.77	5.58	2.27 ± 0.17
15D03865	5.5 %		0.0109564	23.03404	0.0069244	122.4985	1895.335	42.65 ± 0.07	99.80	2.96	2.29 ± 0.34
15D03866	5.8 %		0.0219094	34.73066	0.0058989	187.1574	2894.011	42.63 ± 0.07	99.75	4.52	2.32 ± 0.23
15D03867	6.2 %		0.0210649	31.14240	0.0173259	169.5476	2618.618	42.58 ± 0.07	99.74	4.09	2.34 ± 0.26
15D03869	6.6 %		0.0307430	37.03322	0.0170176	205.1572	3166.572	42.55 ± 0.07	99.69	4.95	2.38 ± 0.21
15D03870	7.0 %		0.0237774	26.29243	0.0000000	154.1742	2370.077	42.38 ± 0.07	99.68	3.72	2.52 ± 0.32
15D03871	7.6 %		0.0199800	19.28585	0.0000000	107.7528	1655.398	42.35 ± 0.07	99.62	2.60	2.40 ± 0.42
15D03873	8.3 %		0.0374330	23.73238	0.0000000	136.4580	2094.022	42.31 ± 0.07	99.45	3.29	2.47 ± 0.33
15D03874	9.0 %		0.0467748	23.28363	0.0000000	131.5607	2014.542	42.22 ± 0.07	99.29	3.17	2.43 ± 0.34
15D03875	9.8 %		0.0584529	18.75389	0.0217717	116.3122	1779.390	42.18 ± 0.07	99.01	2.81	2.67 ± 0.48
15D03877	11.0 %		0.1050668	23.05724	0.0268895	155.1975	2369.471	42.09 ± 0.07	98.68	3.74	2.89 ± 0.42
15D03878	13.0 %		0.2376014	32.53240	0.0359137	217.5069	3322.458	42.12 ± 0.06	97.91	5.25	2.87 ± 0.31
15D03879	15.5 %		0.2034841	19.57826	0.0123699	110.1756	1685.688	42.18 ± 0.07	96.53	2.66	2.42 ± 0.43
15D03881	18.5 %		0.1208205	10.49046	0.0000000	46.9718	720.189	42.27 ± 0.10	95.25	1.13	1.93 ± 0.63
15D03882	21.5 %		0.0901980	6.90968	0.0000000	30.7461	472.574	42.37 ± 0.14	94.64	0.74	1.91 ± 0.89
15D03884	24.5 %		0.0489370	1.33227	0.0000000	15.2244	232.912	42.18 ± 0.24	94.13	0.37	4.91 ± 11.74
		Σ	1.7803819	720.82698	0.2480214	4144.2535	63932.641				

Information on Analysis

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D62-03**
Material = **Groundmass**
Location = **Maybe Seamount**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **14-OSU-04 (R98)**
J = **0.00154257 ± 0.00000290**
FCT-NM = **28.201 ± 0.023 Ma**

Results	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau	15.51662 ± 0.00812	**42.77 ± 0.16**	0.99	32.80	2.25 ± 0.11
	± 0.05%	**± 0.38%**	45%	11	
		Full External Error ± 0.97	1.89	2σ Confidence Limit	
		Analytical Error ± 0.02	1.0000	Error Magnification	
Total Fusion Age	15.42682 ± 0.00481	**42.53 ± 0.16**		37	2.47 ± 0.07
	± 0.03%	**± 0.37%**			
		Full External Error ± 0.97			
		Analytical Error ± 0.01			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
15D03835	1.8 %		420.20 ± 9.17	6688.86 ± 145.39	0.9956
15D03837	1.9 %		751.59 ± 23.02	11785.21 ± 360.31	0.9980
15D03838	2.0 %		1125.24 ± 49.51	17519.12 ± 770.06	0.9991
15D03839	2.1 %		1612.21 ± 75.03	25072.62 ± 1166.06	0.9993
15D03841	2.2 %		1730.52 ± 140.93	26909.94 ± 2190.63	0.9996
15D03842	2.3 %		2233.91 ± 166.32	34744.17 ± 2586.05	0.9997
15D03843	2.4 %		2362.51 ± 305.56	36780.49 ± 4756.22	0.9998
15D03845	2.5 %		2645.02 ± 301.16	41192.31 ± 4689.27	0.9998
15D03846	2.6 %		3105.70 ± 309.21	48357.01 ± 4813.75	0.9998
15D03847	**2.7 %**	✓	**2930.26 ± 307.09**	**45710.16 ± 4789.62**	**0.9998**
15D03849	**2.8 %**	✓	**3320.06 ± 429.27**	**51695.69 ± 6683.25**	**0.9999**
15D03850	**2.9 %**	✓	**4211.47 ± 487.47**	**65655.21 ± 7598.59**	**0.9999**
15D03851	**3.0 %**	✓	**5010.45 ± 539.33**	**78069.94 ± 8402.52**	**0.9999**
15D03853	**3.2 %**	✓	**5248.69 ± 640.44**	**81733.27 ± 9972.01**	**0.9999**
15D03854	**3.4 %**	✓	**6319.58 ± 911.41**	**98366.43 ± 14185.45**	**0.9999**
15D03855	**3.6 %**	✓	**6207.60 ± 794.58**	**96669.43 ± 12372.78**	**0.9999**
15D03857	**3.8 %**	✓	**6135.58 ± 548.00**	**95592.39 ± 8536.62**	**0.9998**
15D03858	**4.0 %**	✓	**7351.30 ± 1081.49**	**114241.47 ± 16805.71**	**0.9999**
15D03859	**4.3 %**	✓	**7588.92 ± 1061.53**	**118052.12 ± 16512.00**	**0.9999**
15D03861	**4.6 %**	✓	**6717.38 ± 343.41**	**104594.57 ± 5344.91**	**0.9996**
15D03862	4.9 %		10513.97 ± 2173.70	162963.83 ± 33690.82	1.0000
15D03863	5.2 %		9348.76 ± 944.14	145224.57 ± 14664.81	0.9999
15D03865	5.5 %		11180.56 ± 2286.39	173284.58 ± 35435.06	1.0000
15D03866	5.8 %		8542.34 ± 939.35	132385.56 ± 14556.21	0.9999
15D03867	6.2 %		8048.83 ± 907.87	124607.51 ± 14053.89	0.9999
15D03869	6.6 %		6673.31 ± 560.86	103297.04 ± 8680.14	0.9998
15D03870	7.0 %		6484.06 ± 645.08	99973.19 ± 9944.78	0.9999
15D03871	7.6 %		5393.04 ± 595.87	83148.28 ± 9185.90	0.9999
15D03873	8.3 %		3645.39 ± 232.97	56235.98 ± 3592.79	0.9997
15D03874	9.0 %		2812.64 ± 143.40	43364.43 ± 2209.84	0.9995
15D03875	9.8 %		1989.84 ± 88.52	30736.93 ± 1366.40	0.9993
15D03877	11.0 %		1477.13 ± 37.82	22847.55 ± 583.86	0.9981
15D03878	13.0 %		915.43 ± 13.77	14278.83 ± 213.73	0.9949
15D03879	15.5 %		541.45 ± 9.33	8579.63 ± 147.15	0.9955
15D03881	18.5 %		388.77 ± 8.84	6256.32 ± 141.56	0.9952
15D03882	21.5 %		340.87 ± 9.66	5534.80 ± 156.10	0.9948
15D03884	24.5 %		311.10 ± 14.82	5054.93 ± 239.60	0.9945

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	**215.94 ± 136.74 ± 63.32%**	15.53033 ± 0.02668 ± 0.17%	**42.81 ± 0.17 ± 0.41%**	0.85 57%
			Full External Error ± 0.98	
			Analytical Error ± 0.07	

Statistics				
	2σ Confidence Limit	1.94	Convergence	0.000001855464
	Error Magnification	1.0000	Number of Iterations	1
	Number of Data Points	11	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
15D03835	1.8 %		0.0628205 ± 0.0001291	0.00014950 ± 0.00000325	0.0014
15D03837	1.9 %		0.0637738 ± 0.0001241	0.00008485 ± 0.00000259	0.0008
15D03838	2.0 %		0.0642295 ± 0.0001228	0.00005708 ± 0.00000251	0.0005
15D03839	2.1 %		0.0643017 ± 0.0001126	0.00003988 ± 0.00000185	0.0005
15D03841	2.2 %		0.0643080 ± 0.0001492	0.00003716 ± 0.00000303	0.0004
15D03842	2.3 %		0.0642958 ± 0.0001202	0.00002878 ± 0.00000214	0.0003
15D03843	2.4 %		0.0642326 ± 0.0001567	0.00002719 ± 0.00000352	0.0003
15D03845	2.5 %		0.0642116 ± 0.0001415	0.00002428 ± 0.00000276	0.0003
15D03846	2.6 %		0.0642245 ± 0.0001185	0.00002068 ± 0.00000206	0.0002
15D03847	2.7 %	✓	0.0641051 ± 0.0001277	0.00002188 ± 0.00000229	0.0003
15D03849	2.8 %	✓	0.0642231 ± 0.0001352	0.00001934 ± 0.00000250	0.0002
15D03850	2.9 %	✓	0.0641452 ± 0.0001144	0.00001523 ± 0.00000176	0.0002
15D03851	3.0 %	✓	0.0641789 ± 0.0001067	0.00001281 ± 0.00000138	0.0001
15D03853	3.2 %	✓	0.0642173 ± 0.0001085	0.00001223 ± 0.00000149	0.0001
15D03854	3.4 %	✓	0.0642453 ± 0.0001072	0.00001017 ± 0.00000147	0.0001
15D03855	3.6 %	✓	0.0642147 ± 0.0001061	0.00001034 ± 0.00000132	0.0001
15D03857	3.8 %	✓	0.0641849 ± 0.0000997	0.00001046 ± 0.00000093	0.0001
15D03858	4.0 %	✓	0.0643488 ± 0.0001051	0.00000875 ± 0.00000129	0.0001
15D03859	4.3 %	✓	0.0642845 ± 0.0001037	0.00000847 ± 0.00000118	0.0001
15D03861	4.6 %	✓	0.0642231 ± 0.0000947	0.00000956 ± 0.00000049	0.0001
15D03862	4.9 %		0.0645172 ± 0.0001044	0.00000614 ± 0.00000127	0.0001
15D03863	5.2 %		0.0643745 ± 0.0000970	0.00000689 ± 0.00000070	0.0001
15D03865	5.5 %		0.0645214 ± 0.0001045	0.00000577 ± 0.00000118	0.0001
15D03866	5.8 %		0.0645262 ± 0.0000992	0.00000755 ± 0.00000083	0.0001
15D03867	6.2 %		0.0645934 ± 0.0000997	0.00000803 ± 0.00000091	0.0001
15D03869	6.6 %		0.0646031 ± 0.0000987	0.00000968 ± 0.00000081	0.0001
15D03870	7.0 %		0.0648580 ± 0.0001005	0.00001000 ± 0.00000100	0.0001
15D03871	7.6 %		0.0648605 ± 0.0001070	0.00001203 ± 0.00000133	0.0001
15D03873	8.3 %		0.0648231 ± 0.0001031	0.00001778 ± 0.00000114	0.0002
15D03874	9.0 %		0.0648605 ± 0.0001018	0.00002306 ± 0.00000118	0.0002
15D03875	9.8 %		0.0647379 ± 0.0001060	0.00003253 ± 0.00000145	0.0003
15D03877	11.0 %		0.0646516 ± 0.0001012	0.00004377 ± 0.00000112	0.0003
15D03878	13.0 %		0.0641109 ± 0.0000974	0.00007003 ± 0.00000105	0.0005
15D03879	15.5 %		0.0631083 ± 0.0001026	0.00011656 ± 0.00000200	0.0008
15D03881	18.5 %		0.0621410 ± 0.0001389	0.00015984 ± 0.00000362	0.0014
15D03882	21.5 %		0.0615872 ± 0.0001772	0.00018067 ± 0.00000510	0.0018
15D03884	24.5 %		0.0615443 ± 0.0003078	0.00019783 ± 0.00000938	0.0020

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	**176.70 ± 96.03**	15.53859 ± 0.02664	**42.83 ± 0.17**	0.79
Clustered Points	**± 54.35%**	± 0.17%	**± 0.41%**	62%
			Full External Error ± 0.98	
			Analytical Error ± 0.07	

Statistics				
2σ Confidence Limit	1.94	Convergence	0.0000440752
Error Magnification	1.0000	Number of Iterations	4
Number of Data Points	11	Calculated Line	Weighted York-2
Spreading Factor	0.4%		

Degassing Patterns			36Ar(a) [fA]	%1σ	36Ar(c) [fA]	%1σ	36Ar(ca) [fA]	%1σ	36Ar(cl) [fA]	%1σ	37Ar(ca) [fA]	%1σ	38Ar(a) [fA]	%1σ	38Ar(c) [fA]	%1σ	38Ar(k) [fA]	%1σ	38Ar(ca) [fA]	%1σ	38Ar(cl) [fA]	%1σ	39Ar(k) [fA]	%1σ	39Ar(ca) [fA]	%1σ	40Ar(r) [fA]	%1σ	40Ar(a) [fA]	%1σ	40Ar(c) [fA]	%1σ	40Ar(k) [fA]	%1σ
15D03835	1.8 %		0.1231933	1.09	0.0000000	0.00	0.0025047	17.45	0.0000000	0.00	9.40542	17.45	0.0230248	1.09	0.0000000	0.00	0.622791	0.19	0.0006753	21.66	0.0000000	0.00	51.7655	0.10	0.0063543	17.50	787.619	0.05	36.40363	1.09	0.0000000	0.00	0.197900	2.66
15D03837	1.9 %		0.0814053	1.53	0.0000000	0.00	0.0026515	16.06	0.0000000	0.00	9.95683	16.06	0.0152147	1.53	0.0000000	0.00	0.736095	0.19	0.0007149	20.55	0.0000000	0.00	61.1832	0.10	0.0067268	16.11	935.323	0.04	24.05527	1.53	0.0000000	0.00	0.233903	2.66
15D03838	2.0 %		0.0575033	2.20	0.0000000	0.00	0.0026979	16.93	0.0000000	0.00	10.13087	16.93	0.0107474	2.20	0.0000000	0.00	0.778469	0.19	0.0007274	21.24	0.0000000	0.00	64.7052	0.10	0.0068444	16.98	990.415	0.04	16.99223	2.20	0.0000000	0.00	0.247368	2.66
15D03839	2.1 %		0.0494214	2.33	0.0000000	0.00	0.0031975	14.56	0.0000000	0.00	12.00704	14.56	0.0092369	2.33	0.0000000	0.00	0.958604	0.18	0.0008621	19.40	0.0000000	0.00	79.6779	0.09	0.0081120	14.62	1224.521	0.03	14.60403	2.33	0.0000000	0.00	0.304608	2.66
15D03841	2.2 %		0.0271687	4.07	0.0000000	0.00	0.0011476	40.19	0.0000000	0.00	4.30925	40.19	0.0050778	4.07	0.0000000	0.00	0.565650	0.20	0.0003094	42.19	0.0000000	0.00	47.0160	0.12	0.0029113	40.21	723.079	0.05	8.02834	4.07	0.0000000	0.00	0.179742	2.66
15D03842	2.3 %		0.0312851	3.72	0.0000000	0.00	0.0033741	12.92	0.0000000	0.00	12.67046	12.92	0.0058472	3.72	0.0000000	0.00	0.840823	0.19	0.0009097	18.20	0.0000000	0.00	69.8880	0.09	0.0085602	12.99	1077.731	0.03	9.24476	3.72	0.0000000	0.00	0.267182	2.66
15D03843	2.4 %		0.0165947	6.47	0.0000000	0.00	0.0011214	36.65	0.0000000	0.00	4.21112	36.65	0.0031015	6.47	0.0000000	0.00	0.471675	0.20	0.0003024	38.83	0.0000000	0.00	39.2050	0.12	0.0028450	36.67	605.456	0.05	4.90372	6.47	0.0000000	0.00	0.149881	2.66
15D03845	2.5 %		0.0188796	5.69	0.0000000	0.00	0.0019429	21.39	0.0000000	0.00	7.29591	21.39	0.0035286	5.69	0.0000000	0.00	0.600792	0.19	0.0005238	24.94	0.0000000	0.00	49.9370	0.11	0.0049291	21.43	772.115	0.04	5.57892	5.69	0.0000000	0.00	0.190909	2.66
15D03846	2.6 %		0.0221560	4.98	0.0000000	0.00	0.0028045	15.54	0.0000000	0.00	10.53140	15.54	0.0041410	4.98	0.0000000	0.00	0.827853	0.18	0.0007562	20.15	0.0000000	0.00	68.8100	0.09	0.0071150	15.60	1064.851	0.03	6.54710	4.98	0.0000000	0.00	0.263061	2.66
15D03847	**2.7 %**	✓	**0.0207569**	**5.24**	**0.0000000**	**0.00**	**0.0023830**	**18.61**	**0.0000000**	**0.00**	**8.94867**	**18.61**	**0.0038795**	**5.24**	**0.0000000**	**0.00**	**0.731761**	**0.19**	**0.0006425**	**22.60**	**0.0000000**	**0.00**	**60.8230**	**0.10**	**0.0060457**	**18.66**	**942.667**	**0.04**	**6.13366**	**5.24**	**0.0000000**	**0.00**	**0.232526**	**2.66**
15D03849	**2.8 %**	✓	**0.0162258**	**6.46**	**0.0000000**	**0.00**	**0.0019695**	**21.54**	**0.0000000**	**0.00**	**7.39580**	**21.54**	**0.0030326**	**6.46**	**0.0000000**	**0.00**	**0.648116**	**0.19**	**0.0005310**	**25.06**	**0.0000000**	**0.00**	**53.8705**	**0.10**	**0.0049966**	**21.58**	**834.007**	**0.04**	**4.79471**	**6.46**	**0.0000000**	**0.00**	**0.205947**	**2.66**
15D03850	**2.9 %**	✓	**0.0194068**	**5.79**	**0.0000000**	**0.00**	**0.0032323**	**14.41**	**0.0000084**	**138.02**	**12.13776**	**14.40**	**0.0036271**	**5.79**	**0.0000000**	**0.00**	**0.983309**	**0.18**	**0.0008715**	**19.28**	**0.0283134**	**138.03**	**81.7312**	**0.09**	**0.0082003**	**14.47**	**1268.425**	**0.03**	**5.73472**	**5.79**	**0.0000000**	**0.00**	**0.312459**	**2.66**
15D03851	**3.0 %**	✓	**0.0208502**	**5.38**	**0.0000000**	**0.00**	**0.0043129**	**9.62**	**0.0000000**	**0.00**	**16.19547**	**9.62**	**0.0038969**	**5.38**	**0.0000000**	**0.00**	**1.256862**	**0.18**	**0.0011628**	**16.03**	**0.0000000**	**0.00**	**104.4686**	**0.08**	**0.0109417**	**9.71**	**1621.610**	**0.02**	**6.16123**	**5.38**	**0.0000000**	**0.00**	**0.399384**	**2.66**
15D03853	**3.2 %**	✓	**0.0182310**	**6.10**	**0.0000000**	**0.00**	**0.0045881**	**9.37**	**0.0000000**	**0.00**	**17.22903**	**9.37**	**0.0034074**	**6.10**	**0.0000000**	**0.00**	**1.151231**	**0.18**	**0.0012370**	**15.88**	**0.0000000**	**0.00**	**95.6887**	**0.08**	**0.0116399**	**9.46**	**1484.691**	**0.02**	**5.38726**	**6.10**	**0.0000000**	**0.00**	**0.365818**	**2.66**
15D03854	**3.4 %**	✓	**0.0158212**	**7.21**	**0.0000000**	**0.00**	**0.0051515**	**8.43**	**0.0000000**	**0.00**	**19.34478**	**8.43**	**0.0029570**	**7.21**	**0.0000000**	**0.00**	**1.202897**	**0.18**	**0.0013890**	**15.34**	**0.0000000**	**0.00**	**99.9832**	**0.08**	**0.0130693**	**8.53**	**1551.596**	**0.02**	**4.67515**	**7.21**	**0.0000000**	**0.00**	**0.382236**	**2.66**
15D03855	**3.6 %**	✓	**0.0175429**	**6.40**	**0.0000000**	**0.00**	**0.0052552**	**8.58**	**0.0000000**	**0.00**	**19.73396**	**8.58**	**0.0032788**	**6.40**	**0.0000000**	**0.00**	**1.310170**	**0.18**	**0.0014169**	**15.43**	**0.0000000**	**0.00**	**108.8995**	**0.08**	**0.0133323**	**8.68**	**1690.680**	**0.02**	**5.18393**	**6.40**	**0.0000000**	**0.00**	**0.416323**	**2.66**
15D03857	**3.8 %**	✓	**0.0269855**	**4.47**	**0.0000000**	**0.00**	**0.0076087**	**5.79**	**0.0000000**	**0.00**	**28.57195**	**5.79**	**0.0050436**	**4.47**	**0.0000000**	**0.00**	**1.991996**	**0.18**	**0.0020515**	**14.07**	**0.0000000**	**0.00**	**165.5720**	**0.08**	**0.0193032**	**5.94**	**2571.637**	**0.01**	**7.97422**	**4.47**	**0.0000000**	**0.00**	**0.632982**	**2.66**
15D03858	**4.0 %**	✓	**0.0154805**	**7.36**	**0.0000000**	**0.00**	**0.0053207**	**8.15**	**0.0000033**	**352.99**	**19.97997**	**8.14**	**0.0028933**	**7.36**	**0.0000000**	**0.00**	**1.369146**	**0.18**	**0.0014346**	**15.19**	**0.0109255**	**352.99**	**113.8015**	**0.08**	**0.0134985**	**8.25**	**1763.937**	**0.02**	**4.57448**	**7.36**	**0.0000000**	**0.00**	**0.435063**	**2.66**
15D03859	**4.3 %**	✓	**0.0157662**	**6.99**	**0.0000000**	**0.00**	**0.0064826**	**6.96**	**0.0000106**	**116.30**	**24.34331**	**6.96**	**0.0029467**	**6.99**	**0.0000000**	**0.00**	**1.439493**	**0.18**	**0.0017478**	**14.59**	**0.0356080**	**116.30**	**119.6486**	**0.08**	**0.0164463**	**7.08**	**1856.577**	**0.02**	**4.65892**	**6.99**	**0.0000000**	**0.00**	**0.457417**	**2.66**
15D03861	**4.6 %**	✓	**0.0528381**	**2.56**	**0.0000000**	**0.00**	**0.0188127**	**2.45**	**0.0000087**	**135.10**	**70.64486**	**2.44**	**0.0098754**	**2.56**	**0.0000000**	**0.00**	**4.270210**	**0.18**	**0.0050723**	**13.05**	**0.0290628**	**135.10**	**354.9339**	**0.07**	**0.0477277**	**2.78**	**5510.967**	**0.01**	**15.61367**	**2.56**	**0.0000000**	**0.00**	**1.356912**	**2.66**
15D03862	4.9 %		0.0109286	10.34	0.0000000	0.00	0.0055503	8.13	0.0000000	0.00	20.84215	8.12	0.0020425	10.34	0.0000000	0.00	1.382392	0.18	0.0014965	15.18	0.0000000	0.00	114.9025	0.08	0.0140810	8.23	1777.729	0.02	3.22939	10.34	0.0000000	0.00	0.439272	2.66
15D03863	5.2 %		0.0247414	5.05	0.0000000	0.00	0.0116512	3.65	0.0000000	0.00	43.75216	3.64	0.0046242	5.05	0.0000000	0.00	2.782788	0.18	0.0031414	13.33	0.0000000	0.00	231.3015	0.08	0.0295590	3.88	3585.748	0.01	7.31108	5.05	0.0000000	0.00	0.884266	2.66
15D03865	5.5 %		0.0109564	10.22	0.0000000	0.00	0.0061340	7.38	0.0000021	580.43	23.03404	7.38	0.0020477	10.22	0.0000000	0.00	1.473780	0.18	0.0016538	14.79	0.0069244	580.43	122.4985	0.08	0.0155618	7.49	1895.335	0.02	3.23761	10.22	0.0000000	0.00	0.468312	2.66
15D03866	5.8 %		0.0219094	5.50	0.0000000	0.00	0.0092488	5.02	0.0000018	647.74	34.73066	5.02	0.0040949	5.50	0.0000000	0.00	2.251690	0.18	0.0024937	13.77	0.0058989	647.74	187.1574	0.08	0.0234640	5.19	2894.011	0.01	6.47422	5.50	0.0000000	0.00	0.715503	2.66
15D03867	6.2 %		0.0210649	5.64	0.0000000	0.00	0.0082932	5.46	0.0000052	238.82	31.14240	5.46	0.0039370	5.64	0.0000000	0.00	2.039827	0.18	0.0022360	13.93	0.0173259	238.82	169.5476	0.08	0.0210398	5.62	2618.618	0.01	6.22467	5.64	0.0000000	0.00	0.648180	2.66
15D03869	6.6 %		0.0307430	4.20	0.0000000	0.00	0.0098619	4.38	0.0000051	234.75	37.03322	4.38	0.0057459	4.20	0.0000000	0.00	2.468246	0.18	0.0026590	13.55	0.0170176	234.75	205.1572	0.08	0.0250196	4.58	3166.572	0.01	9.08454	4.20	0.0000000	0.00	0.784316	2.66
15D03870	7.0 %		0.0237774	4.97	0.0000000	0.00	0.0070017	6.28	0.0000000	0.00	26.29243	6.28	0.0044440	4.97	0.0000000	0.00	1.854870	0.18	0.0018878	14.27	0.0000000	0.00	154.1742	0.08	0.0177632	6.42	2370.077	0.02	7.02622	4.97	0.0000000	0.00	0.589408	2.66
15D03871	7.6 %		0.0199800	5.52	0.0000000	0.00	0.0051358	8.68	0.0000000	0.00	19.28585	8.68	0.0037343	5.52	0.0000000	0.00	1.296374	0.18	0.0013847	15.48	0.0000000	0.00	107.7528	0.08	0.0130295	8.78	1655.398	0.02	5.90409	5.52	0.0000000	0.00	0.411939	2.66
15D03873	8.3 %		0.0374330	3.19	0.0000000	0.00	0.0063199	6.69	0.0000000	0.00	23.73238	6.69	0.0069962	3.19	0.0000000	0.00	1.641726	0.18	0.0017040	14.46	0.0000000	0.00	136.4580	0.08	0.0160336	6.82	2094.022	0.02	11.06146	3.19	0.0000000	0.00	0.521679	2.66
15D03874	9.0 %		0.0467748	2.55	0.0000000	0.00	0.0062004	7.00	0.0000000	0.00	23.28363	7.00	0.0087422	2.55	0.0000000	0.00	1.582807	0.18	0.0016718	14.61	0.0000000	0.00	131.5607	0.08	0.0157304	7.12	2014.542	0.02	13.82196	2.55	0.0000000	0.00	0.502957	2.66
15D03875	9.8 %		0.0584529	2.22	0.0000000	0.00	0.0049942	8.97	0.0000065	198.94	18.75389	8.97	0.0109249	2.22	0.0000000	0.00	1.399352	0.18	0.0013465	15.65	0.0217717	198.94	116.3122	0.08	0.0126701	9.06	1779.390	0.02	17.27284	2.22	0.0000000	0.00	0.444661	2.66
15D03877	11.0 %		0.1050668	1.28	0.0000000	0.00	0.0061401	7.22	0.0000080	146.48	23.05724	7.22	0.0196370	1.28	0.0000000	0.00	1.867181	0.18	0.0016555	14.71	0.0268895	146.48	155.1975	0.08	0.0155775	7.34	2369.471	0.02	31.04724	1.28	0.0000000	0.00	0.593320	2.66
15D03878	13.0 %		0.2376014	0.75	0.0000000	0.00	0.0086634	5.35	0.0000107	111.54	32.53240	5.35	0.0444077	0.75	0.0000000	0.00	2.616826	0.18	0.0023358	13.89	0.0359137	111.54	217.5069	0.08	0.0219789	5.51	3322.458	0.02	70.21122	0.75	0.0000000	0.00	0.831529	2.66
15D03879	15.5 %		0.2034841	0.86	0.0000000	0.00	0.0052137	8.92	0.0000037	312.23	19.57826	8.91	0.0380312	0.86	0.0000000	0.00	1.325523	0.18	0.0014057	15.61	0.0123699	312.23	110.1756	0.08	0.0132271	9.01	1685.688	0.03	60.12954	0.86	0.0000000	0.00	0.421201	2.66
15D03881	18.5 %		0.1208205	1.13	0.0000000	0.00	0.0027936	16.47	0.0000000	0.00	10.49046	16.47	0.0225813	1.13	0.0000000	0.00	0.565118	0.19	0.0007532	20.87	0.0000000	0.00	46.9718	0.11	0.0070874	16.52	720.189	0.06	35.70244	1.13	0.0000000	0.00	0.179573	2.66
15D03882	21.5 %		0.0901980	1.41	0.0000000	0.00	0.0018400	23.35	0.0000000	0.00	6.90968	23.35	0.0168580	1.41	0.0000000	0.00	0.369906	0.21	0.0004961	26.64	0.0000000	0.00	30.7461	0.14	0.0046682	23.39	472.574	0.08	26.65350	1.41	0.0000000	0.00	0.117542	2.66
15D03884	24.5 %		0.0489370	2.37	0.0000000	0.00	0.0003548	119.43	0.0000000	0.00	1.33227	119.43	0.0091463	2.37	0.0000000	0.00	0.183165	0.29	0.0000957	120.11	0.0000000	0.00	15.2244	0.25	0.0009001	119.43	232.912	0.15	14.46087	2.37	0.0000000	0.00	0.058203	2.67
		Σ	1.7803819	0.42	0.0000000	0.00	0.1919562	1.40	0.0000739	55.84	720.82698	1.40	0.3327534	0.42	0.0000000	0.00	49.859514	0.03	0.0517554	2.89	0.2480214	55.84	4144.2535	0.02	0.4869907	1.42	63932.641	0.00	526.10285	0.42	0.0000000	0.00	15.843481	0.51
		Σ							1.9724120	0.40	720.82698	1.40									50.492044	0.28			4144.7405	0.02							64474.587	0.00

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
15D03835	1.8 %		15.920234	0.016346	0.181670	0.031709	0.002428	0.000025	183.224	37.394157	1.00129455	3.956E-11
15D03837	1.9 %		15.682521	0.015259	0.162720	0.026134	0.001374	0.000019	183.243	37.408009	1.00129468	4.606E-11
15D03838	2.0 %		15.571352	0.014880	0.156553	0.026507	0.000930	0.000018	183.253	37.415706	1.00129476	4.837E-11
15D03839	2.1 %		15.553923	0.013617	0.150679	0.021945	0.000660	0.000013	183.263	37.422892	1.00129482	5.949E-11
15D03841	2.2 %		15.553029	0.018033	0.091649	0.036835	0.000602	0.000021	183.282	37.436754	1.00129496	3.510E-11
15D03842	2.3 %		15.555022	0.014530	0.181274	0.023428	0.000496	0.000015	183.292	37.443944	1.00129503	5.219E-11
15D03843	2.4 %		15.571118	0.018986	0.107405	0.039365	0.000452	0.000025	183.301	37.451135	1.00129509	2.930E-11
15D03845	2.5 %		15.575801	0.017155	0.146088	0.031255	0.000417	0.000020	183.320	37.465008	1.00129523	3.734E-11
15D03846	2.6 %		15.572597	0.014360	0.153035	0.023784	0.000363	0.000015	183.329	37.471689	1.00129529	5.144E-11
15D03847	**2.7 %**	✓	**15.601651**	**0.015535**	**0.147112**	**0.027384**	**0.000380**	**0.000016**	**183.339**	**37.478885**	**1.00129536**	**4.555E-11**
15D03849	**2.8 %**	✓	**15.573095**	**0.016391**	**0.137276**	**0.029564**	**0.000338**	**0.000018**	**183.357**	**37.492254**	**1.00129549**	**4.027E-11**
15D03850	**2.9 %**	✓	**15.591886**	**0.013899**	**0.148493**	**0.021391**	**0.000277**	**0.000013**	**183.366**	**37.498940**	**1.00129555**	**6.117E-11**
15D03851	**3.0 %**	✓	**15.583628**	**0.012947**	**0.155011**	**0.014909**	**0.000241**	**0.000010**	**183.375**	**37.505627**	**1.00129561**	**7.815E-11**
15D03853	**3.2 %**	✓	**15.574066**	**0.013157**	**0.180031**	**0.016862**	**0.000238**	**0.000011**	**183.392**	**37.518491**	**1.00129574**	**7.154E-11**
15D03854	**3.4 %**	✓	**15.567122**	**0.012983**	**0.193455**	**0.016302**	**0.000210**	**0.000011**	**183.401**	**37.525182**	**1.00129580**	**7.472E-11**
15D03855	**3.6 %**	✓	**15.574664**	**0.012864**	**0.181190**	**0.015545**	**0.000209**	**0.000009**	**183.410**	**37.531359**	**1.00129586**	**8.142E-11**
15D03857	**3.8 %**	✓	**15.582004**	**0.012101**	**0.172545**	**0.009987**	**0.000209**	**0.000007**	**183.427**	**37.544231**	**1.00129598**	**1.239E-10**
15D03858	**4.0 %**	✓	**15.542295**	**0.012689**	**0.175548**	**0.014299**	**0.000183**	**0.000009**	**183.436**	**37.550926**	**1.00129605**	**8.491E-11**
15D03859	**4.3 %**	✓	**15.557534**	**0.012540**	**0.203429**	**0.014154**	**0.000186**	**0.000008**	**183.444**	**37.557108**	**1.00129611**	**8.936E-11**
15D03861	**4.6 %**	✓	**15.572460**	**0.011473**	**0.199010**	**0.004867**	**0.000202**	**0.000004**	**183.462**	**37.569989**	**1.00129623**	**2.653E-10**
15D03862	4.9 %		15.501663	0.012544	0.181368	0.014736	0.000143	0.000009	183.471	37.576689	1.00129629	8.551E-11
15D03863	5.2 %		15.535932	0.011705	0.189132	0.006895	0.000157	0.000005	183.479	37.582875	1.00129635	1.725E-10
15D03865	5.5 %		15.500594	0.012545	0.188011	0.013871	0.000140	0.000008	183.497	37.595765	1.00129647	9.115E-11
15D03866	5.8 %		15.499452	0.011912	0.185546	0.009320	0.000166	0.000006	183.505	37.601953	1.00129653	1.393E-10
15D03867	6.2 %		15.483355	0.011950	0.183657	0.010029	0.000173	0.000006	183.514	37.608659	1.00129660	1.260E-10
15D03869	6.6 %		15.481074	0.011825	0.180489	0.007911	0.000198	0.000006	183.531	37.621558	1.00129672	1.525E-10
15D03870	7.0 %		15.420339	0.011946	0.170517	0.010707	0.000200	0.000007	183.540	37.627751	1.00129678	1.141E-10
15D03871	7.6 %		15.419669	0.012711	0.178961	0.015530	0.000233	0.000009	183.549	37.634461	1.00129684	7.976E-11
15D03873	8.3 %		15.428615	0.012268	0.173897	0.011638	0.000321	0.000008	183.566	37.647369	1.00129696	1.011E-10
15D03874	9.0 %		15.419683	0.012098	0.176959	0.012387	0.000403	0.000008	183.574	37.653566	1.00129702	9.739E-11
15D03875	9.8 %		15.449044	0.012647	0.161220	0.014458	0.000545	0.000010	183.583	37.660281	1.00129709	8.626E-11
15D03877	11.0 %		15.469780	0.012102	0.148552	0.010725	0.000717	0.000008	183.601	37.673198	1.00129721	1.153E-10
15D03878	13.0 %		15.600227	0.011843	0.149554	0.007997	0.001132	0.000008	183.609	37.679399	1.00129727	1.629E-10
15D03879	15.5 %		15.847697	0.012883	0.177679	0.015839	0.001894	0.000015	183.618	37.686119	1.00129733	8.382E-11
15D03881	18.5 %		16.093838	0.017984	0.223301	0.036778	0.002631	0.000028	183.635	37.699044	1.00129745	3.629E-11
15D03882	21.5 %		16.238490	0.023347	0.224700	0.052474	0.002993	0.000039	183.644	37.705767	1.00129752	2.397E-11
15D03884	24.5 %		16.251321	0.040616	0.087504	0.104502	0.003237	0.000071	183.663	37.719216	1.00129765	1.188E-11

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
15D03835	1.8 %	0.0071812 ± 0.0007997	0.0324768 ± 0.0303530	0.0463423 ± 0.0271294	0.0091931 ± 0.0250078	2.1158660 ± 0.0745602
15D03837	1.9 %	0.0075683 ± 0.0007997	0.0482218 ± 0.0303530	0.0488878 ± 0.0271294	0.0095927 ± 0.0250078	2.1489523 ± 0.0745602
15D03838	2.0 %	0.0077120 ± 0.0007997	0.0537808 ± 0.0303530	0.0510981 ± 0.0271294	0.0094134 ± 0.0250078	2.1578002 ± 0.0745602
15D03839	2.1 %	0.0078069 ± 0.0007997	0.0571879 ± 0.0303530	0.0535494 ± 0.0271294	0.0090502 ± 0.0250078	2.1609843 ± 0.0745602
15D03841	2.2 %	0.0079000 ± 0.0007997	0.0596005 ± 0.0303530	0.0590242 ± 0.0271294	0.0079704 ± 0.0250078	2.1559863 ± 0.0745602
15D03842	2.3 %	0.0079099 ± 0.0007997	0.0590313 ± 0.0303530	0.0621039 ± 0.0271294	0.0072859 ± 0.0250078	2.1488970 ± 0.0745602
15D03843	2.4 %	0.0078988 ± 0.0007997	0.0574353 ± 0.0303530	0.0652563 ± 0.0271294	0.0065607 ± 0.0250078	2.1395448 ± 0.0745602
15D03845	2.5 %	0.0078320 ± 0.0007997	0.0520228 ± 0.0303530	0.0713090 ± 0.0271294	0.0051572 ± 0.0250078	2.1171871 ± 0.0745602
15D03846	2.6 %	0.0077842 ± 0.0007997	0.0485638 ± 0.0303530	0.0741142 ± 0.0271294	0.0045240 ± 0.0250078	2.1052647 ± 0.0745602
15D03847	2.7 %	0.0077253 ± 0.0007997	0.0443835 ± 0.0303530	0.0769935 ± 0.0271294	0.0039012 ± 0.0250078	2.0921579 ± 0.0745602
15D03849	2.8 %	0.0076049 ± 0.0007997	0.0357720 ± 0.0303530	0.0818063 ± 0.0271294	0.0029695 ± 0.0250078	2.0684430 ± 0.0745602
15D03850	2.9 %	0.0075434 ± 0.0007997	0.0312345 ± 0.0303530	0.0838916 ± 0.0271294	0.0026381 ± 0.0250078	2.0574782 ± 0.0745602
15D03851	3.0 %	0.0074835 ± 0.0007997	0.0266506 ± 0.0303530	0.0857296 ± 0.0271294	0.0024090 ± 0.0250078	2.0474428 ± 0.0745602
15D03853	3.2 %	0.0073786 ± 0.0007997	0.0179707 ± 0.0303530	0.0884979 ± 0.0271294	0.0022791 ± 0.0250078	2.0315175 ± 0.0745602
15D03854	3.4 %	0.0073320 ± 0.0007997	0.0136507 ± 0.0303530	0.0895109 ± 0.0271294	0.0023799 ± 0.0250078	2.0253170 ± 0.0745602
15D03855	3.6 %	0.0072952 ± 0.0007997	0.0098455 ± 0.0303530	0.0901754 ± 0.0271294	0.0025766 ± 0.0250078	2.0210108 ± 0.0745602
15D03857	3.8 %	0.0072408 ± 0.0007997	0.0026497 ± 0.0303530	0.0907092 ± 0.0271294	0.0032982 ± 0.0250078	2.0167346 ± 0.0745602
15D03858	4.0 %	0.0072257 ± 0.0007997	0.0006249 ± 0.0303530	0.0905323 ± 0.0271294	0.0038313 ± 0.0250078	2.0171250 ± 0.0745602
15D03859	4.3 %	0.0072205 ± 0.0007997	0.0033259 ± 0.0303530	0.0900981 ± 0.0271294	0.0044111 ± 0.0250078	2.0190976 ± 0.0745602
15D03861	4.6 %	0.0072372 ± 0.0007997	0.0078751 ± 0.0303530	0.0883927 ± 0.0271294	0.0058532 ± 0.0250078	2.0281054 ± 0.0745602
15D03862	4.9 %	0.0072609 ± 0.0007997	0.0096330 ± 0.0303530	0.0871053 ± 0.0271294	0.0067040 ± 0.0250078	2.0352995 ± 0.0745602
15D03863	5.2 %	0.0072916 ± 0.0007997	0.0108757 ± 0.0303530	0.0856951 ± 0.0271294	0.0075331 ± 0.0250078	2.0433604 ± 0.0745602
15D03865	5.5 %	0.0073819 ± 0.0007997	0.0122896 ± 0.0303530	0.0821592 ± 0.0271294	0.0093301 ± 0.0250078	2.0640620 ± 0.0745602
15D03866	5.8 %	0.0074369 ± 0.0007997	0.0124152 ± 0.0303530	0.0802225 ± 0.0271294	0.0101913 ± 0.0250078	2.0755954 ± 0.0745602
15D03867	6.2 %	0.0075041 ± 0.0007997	0.0121633 ± 0.0303530	0.0779904 ± 0.0271294	0.0110940 ± 0.0250078	2.0890066 ± 0.0745602
15D03869	6.6 %	0.0076520 ± 0.0007997	0.0106269 ± 0.0303530	0.0734459 ± 0.0271294	0.0126454 ± 0.0250078	2.1165874 ± 0.0745602
15D03870	7.0 %	0.0077296 ± 0.0007997	0.0094485 ± 0.0303530	0.0712198 ± 0.0271294	0.0132544 ± 0.0250078	2.1301877 ± 0.0745602
15D03871	7.6 %	0.0078169 ± 0.0007997	0.0078953 ± 0.0303530	0.0688346 ± 0.0271294	0.0137754 ± 0.0250078	2.1447943 ± 0.0745602
15D03873	8.3 %	0.0079881 ± 0.0007997	0.0042671 ± 0.0303530	0.0645169 ± 0.0271294	0.0142461 ± 0.0250078	2.1712145 ± 0.0745602
15D03874	9.0 %	0.0080688 ± 0.0007997	0.0023164 ± 0.0303530	0.0626678 ± 0.0271294	0.0141603 ± 0.0250078	2.1824500 ± 0.0745602
15D03875	9.8 %	0.0081525 ± 0.0007997	0.0001255 ± 0.0303530	0.0609051 ± 0.0271294	0.0137898 ± 0.0250078	2.1930317 ± 0.0745602
15D03877	11.0 %	0.0082944 ± 0.0007997	0.0040624 ± 0.0303530	0.0584630 ± 0.0271294	0.0121098 ± 0.0250078	2.2070268 ± 0.0745602
15D03878	13.0 %	0.0083495 ± 0.0007997	0.0059303 ± 0.0303530	0.0578557 ± 0.0271294	0.0107741 ± 0.0250078	2.2099177 ± 0.0745602
15D03879	15.5 %	0.0083964 ± 0.0007997	0.0077451 ± 0.0303530	0.0577061 ± 0.0271294	0.0088799 ± 0.0250078	2.2095773 ± 0.0745602
15D03881	18.5 %	0.0084382 ± 0.0007997	0.0102870 ± 0.0303530	0.0592016 ± 0.0271294	0.0037447 ± 0.0250078	2.1966580 ± 0.0745602
15D03882	21.5 %	0.0084289 ± 0.0007997	0.0109224 ± 0.0303530	0.0610728 ± 0.0271294	0.0001949 ± 0.0250078	2.1823722 ± 0.0745602
15D03884	24.5 %	0.0083300 ± 0.0007997	0.0102410 ± 0.0303530	0.0675157 ± 0.0271294	0.0089924 ± 0.0250078	2.1349863 ± 0.0745602

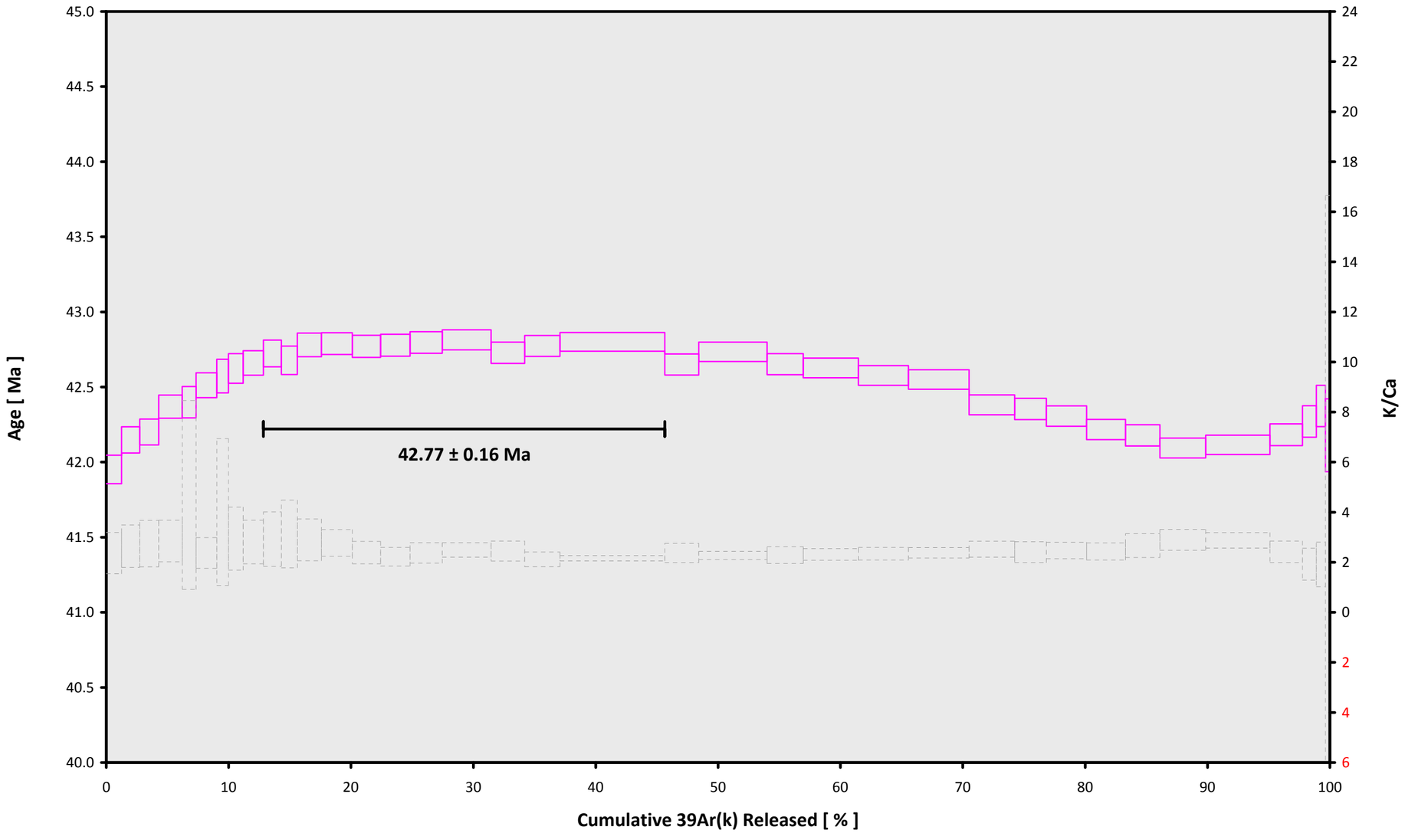
Intercept Values		36Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	37Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	38Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	39Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	40Ar ± 1σ (SE) [fA]	r2	Regression (type,n)
15D03835	1.8 %	0.1261511 ± 0.0008198	0.2852	EXP 150 of 150	0.2790317 ± 0.0304735	0.0020	EXP 150 of 150	0.5651069 ± 0.0286619	0.0136	EXP 150 of 150	51.374000 ± 0.027243	0.9935	EXP 150 of 150	828.69337 ± 0.07053	0.9996	EXP 150 of 150
15D03837	1.9 %	0.0871260 ± 0.0007282	0.6684	EXP 150 of 150	0.3091349 ± 0.0288520	0.0028	EXP 150 of 150	0.6669474 ± 0.0255320	0.0062	EXP 150 of 150	60.718409 ± 0.030026	0.9941	EXP 150 of 150	964.50585 ± 0.07415	0.9997	EXP 150 of 150
15D03838	2.0 %	0.0646909 ± 0.0007591	0.7842	EXP 150 of 150	0.3192000 ± 0.0331065	0.0086	EXP 150 of 150	0.6762808 ± 0.0266930	0.0076	EXP 150 of 150	64.212675 ± 0.030814	0.9946	EXP 150 of 150	1012.69421 ± 0.07312	0.9997	EXP 150 of 150
15D03839	2.1 %	0.0576093 ± 0.0005726	0.8891	EXP 150 of 150	0.3717003 ± 0.0342575	0.0010	EXP 150 of 150	0.8969596 ± 0.0294083	0.0375	EXP 150 of 150	79.068459 ± 0.029180	0.9968	EXP 150 of 150	1245.13512 ± 0.09659	0.9997	EXP 150 of 150
15D03841	2.2 %	0.0347005 ± 0.0005092	0.8546	EXP 150 of 150	0.1724353 ± 0.0336872	0.0118	EXP 150 of 150	0.4800178 ± 0.0280984	0.0079	EXP 149 of 150	46.657184 ± 0.033555	0.9879	EXP 150 of 150	735.53410 ± 0.06834	0.9995	EXP 150 of 150
15D03842	2.3 %	0.0407140 ± 0.0006286	0.8652	EXP 149 of 150	0.3907350 ± 0.0302151	0.0501	EXP 150 of 150	0.7081944 ± 0.0311433	0.0016	EXP 150 of 150	69.354276 ± 0.031904	0.9950	EXP 150 of 150	1092.50139 ± 0.08255	0.9997	EXP 150 of 150
15D03843	2.4 %	0.0246667 ± 0.0004879	0.8478	EXP 150 of 150	0.1676583 ± 0.0266508	0.0030	EXP 150 of 150	0.3634721 ± 0.0295435	0.0011	EXP 150 of 150	38.906088 ± 0.028284	0.9873	EXP 150 of 150	614.39523 ± 0.05912	0.9994	EXP 150 of 150
15D03845	2.5 %	0.0275400 ± 0.0004867	0.8807	EXP 150 of 150	0.2429170 ± 0.0273035	0.0086	EXP 150 of 150	0.5105723 ± 0.0280830	0.0062	EXP 150 of 150	49.554350 ± 0.032093	0.9902	EXP 150 of 150	782.22700 ± 0.07448	0.9995	EXP 150 of 150
15D03846	2.6 %	0.0314087 ± 0.0005243	0.8989	EXP 150 of 150	0.3240642 ± 0.0301593	0.0156	EXP 150 of 150	0.7326254 ± 0.0270262	0.0379	EXP 150 of 150	68.280520 ± 0.029370	0.9956	EXP 150 of 150	1076.83154 ± 0.08240	0.9997	EXP 150 of 150
15D03847	2.7 %	0.0296267 ± 0.0004894	0.9066	EXP 150 of 150	0.2784349 ± 0.0312244	0.0004	EXP 150 of 150	0.6445140 ± 0.0271791	0.0075	EXP 150 of 150	60.354592 ± 0.032270	0.9932	EXP 150 of 150	953.83942 ± 0.08103	0.9996	EXP 150 of 150
15D03849	2.8 %	0.0248262 ± 0.0004269	0.9185	EXP 149 of 150	0.2291393 ± 0.0284897	0.0088	EXP 150 of 150	0.5390339 ± 0.0268416	0.0008	EXP 150 of 150	53.454777 ± 0.031831	0.9917	EXP 150 of 150	843.47559 ± 0.06505	0.9997	EXP 150 of 150
15D03850	2.9 %	0.0289787 ± 0.0005404	0.9234	EXP 150 of 150	0.3485264 ± 0.0341248	0.0001	EXP 150 of 150	0.9188368 ± 0.0273054	0.0663	EXP 150 of 150	81.099311 ± 0.033550	0.9959	EXP 150 of 150	1280.17443 ± 0.08567	0.9998	EXP 150 of 150
15D03851	3.0 %	0.0312996 ± 0.0005738	0.9418	EXP 150 of 150	0.4499393 ± 0.0270258	0.0000	EXP 150 of 150	1.1571447 ± 0.0268777	0.0922	EXP 150 of 150	103.660395 ± 0.033685	0.9975	EXP 150 of 150	1634.87483 ± 0.10196	0.9998	EXP 150 of 150
15D03853	3.2 %	0.0289763 ± 0.0005469	0.9392	EXP 150 of 150	0.4681181 ± 0.0291501	0.0099	EXP 150 of 150	1.0498621 ± 0.0251409	0.0499	EXP 149 of 150	94.950089 ± 0.032557	0.9972	EXP 150 of 150	1496.73812 ± 0.09147	0.9998	EXP 150 of 150
15D03854	3.4 %	0.0271821 ± 0.0005951	0.9365	EXP 150 of 150	0.5189867 ± 0.0297267	0.0134	EXP 150 of 150	1.0942774 ± 0.0284537	0.0172	EXP 150 of 150	99.212242 ± 0.032282	0.9975	EXP 150 of 150	1563.13060 ± 0.08999	0.9998	EXP 150 of 150
15D03855	3.6 %	0.0288730 ± 0.0005509	0.9517	EXP 150 of 150	0.5252632 ± 0.0320229	0.0006	EXP 150 of 150	1.1836448 ± 0.0278960	0.0203	EXP 150 of 150	108.058894 ± 0.034777	0.9975	EXP 150 of 150	1703.15255 ± 0.08689	0.9999	EXP 150 of 150
15D03857	3.8 %	0.0399833 ± 0.0006914	0.9553	EXP 150 of 150	0.7486451 ± 0.0304140	0.0005	EXP 150 of 150	1.8226701 ± 0.0249124	0.0364	EXP 150 of 150	164.292324 ± 0.039023	0.9987	EXP 150 of 150	2589.63950 ± 0.12241	0.9999	EXP 150 of 150
15D03858	4.0 %	0.0269166 ± 0.0005918	0.9439	EXP 150 of 150	0.5209463 ± 0.0295744	0.0008	EXP 150 of 150	1.2756207 ± 0.0264999	0.0634	EXP 150 of 150	112.923765 ± 0.034278	0.9978	EXP 150 of 150	1776.02227 ± 0.09932	0.9998	EXP 150 of 150
15D03859	4.3 %	0.0282885 ± 0.0005132	0.9642	EXP 149 of 150	0.6320443 ± 0.0319352	0.0251	EXP 150 of 150	1.3701935 ± 0.0303736	0.1058	EXP 150 of 150	118.728397 ± 0.033701	0.9981	EXP 150 of 150	1869.03656 ± 0.09658	0.9999	EXP 150 of 150
15D03861	4.6 %	0.0750611 ± 0.0008736	0.9799	EXP 149 of 150	1.8353522 ± 0.0316348	0.1105	EXP 150 of 150	4.1689672 ± 0.0259051	0.4303	EXP 150 of 150	352.195801 ± 0.044184	0.9996	EXP 150 of 150	5545.77467 ± 0.20546	0.9999	EXP 150 of 150
15D03862	4.9 %	0.0228577 ± 0.0005652	0.9594	EXP 150 of 150	0.5340721 ± 0.0319486	0.0019	EXP 150 of 150	1.2740241 ± 0.0270003	0.0753	EXP 150 of 150	114.019517 ± 0.032632	0.9980	EXP 150 of 150	1788.52769 ± 0.09056	0.9999	EXP 150 of 150
15D03863	5.2 %	0.0417363 ± 0.0007657	0.9710	EXP 150 of 150	1.1302904 ± 0.0276985	0.0356	EXP 150 of 150	2.6631570 ± 0.0276945	0.2424	EXP 150 of 150	229.519299 ± 0.041747	0.9992	EXP 150 of 150	3606.26524 ± 0.14906	0.9999	EXP 150 of 150
15D03865	5.5 %	0.0235594 ± 0.0005467	0.9625	EXP 149 of 150	0.5882899 ± 0.0320980	0.0018	EXP 150 of 150	1.3826823 ± 0.0287299	0.0608	EXP 149 of 150	121.559887 ± 0.035984	0.9979	EXP 150 of 150	1906.53611 ± 0.10489	0.9998	EXP 150 of 150
15D03866	5.8 %	0.0369289 ± 0.0006776	0.9707	EXP 150 of 150	0.8929880 ± 0.0334711	0.0055	EXP 150 of 150	2.1541137 ± 0.0256768	0.2126	EXP 150 of 150	185.718907 ± 0.041254	0.9988	EXP 150 of 150	2911.57281 ± 0.13105	0.9999	EXP 150 of 150
15D03867	6.2 %	0.0352957 ± 0.0006588	0.9644	EXP 150 of 150	0.7995518 ± 0.0319711	0.0009	EXP 150 of 150	1.9581411 ± 0.0301560	0.1002	EXP 150 of 150	168.246090 ± 0.037599	0.9988	EXP 150 of 150	2635.08851 ± 0.12645	0.9999	EXP 150 of 150
15D03869	6.6 %	0.0460883 ± 0.0008214	0.9587	EXP 149 of 150	0.9542992 ± 0.0289353	0.0047	EXP 150 of 150	2.3873564 ± 0.0280404	0.1728	EXP 150 of 150	203.581111 ± 0.043253	0.9989	EXP 150 of 150	3187.64146 ± 0.14744	0.9999	EXP 150 of 150
15D03870	7.0 %	0.0368612 ± 0.0006579	0.9601	EXP 150 of 150	0.6755062 ± 0.0302207	0.0003	EXP 150 of 150	1.7055489 ± 0.0282035	0.0538	EXP 150 of 150	152.992540 ± 0.034122	0.9988	EXP 150 of 150	2386.62286 ± 0.11183	0.9999	EXP 150 of 150
15D03871	7.6 %	0.0315884 ± 0.0005185	0.9565	EXP 150 of 150	0.4944387 ± 0.0311591	0.0052	EXP 150 of 150	1.2003099 ± 0.0248928	0.0305	EXP 150 of 150	106.932070 ± 0.033581	0.9976	EXP 150 of 150	1668.61109 ± 0.10124	0.9998	EXP 150 of 150
15D03873	8.3 %	0.0493992 ± 0.0006828	0.9442	EXP 150 of 150	0.6136725 ± 0.0278693	0.0021	EXP 150 of 150	1.5509106 ± 0.0259489	0.1225	EXP 150 of 150	135.414869 ± 0.036721	0.9983	EXP 150 of 150	2113.79784 ± 0.11237	0.9999	EXP 150 of 150
15D03874	9.0 %	0.0582085 ± 0.0006651	0.9419	EXP 150 of 150	0.6038390 ± 0.0294459	0.0427	EXP 150 of 150	1.5052325 ± 0.0281183	0.0781	EXP 150 of 150	130.555743 ± 0.030374	0.9987	EXP 150 of 150	2036.85192 ± 0.11003	0.9998	EXP 150 of 150
15D03875	9.8 %	0.0682096 ± 0.0008134	0.8858	EXP 150 of 150	0.4880178 ± 0.0314226	0.0157	EXP 150 of 150	1.3535978 ± 0.0328648	0.0449	EXP 150 of 150	115.423717 ± 0.036031	0.9977	EXP 150 of 150	1804.44012 ± 0.10649	0.9998	EXP 150 of 150
15D03877	11.0 %	0.1135566 ± 0.0008382	0.9055	EXP 150 of 150	0.6040112 ± 0.0307129	0.0009	EXP 150 of 150	1.8316557 ± 0.0274977	0.1327	EXP 150 of 150	154.004358 ± 0.038308	0.9986	EXP 150 of 150	2410.18563 ± 0.11450	0.9999	EXP 150 of 150
15D03878	13.0 %	0.2414430 ± 0.0012366	0.8184	EXP 149 of 150	0.8522833 ± 0.0332210	0.0013	EXP 150 of 150	2.6060489 ± 0.0281102	0.2311	EXP 150 of 150	215.828747 ± 0.043091	0.9991	EXP 150 of 150	3405.41535 ± 0.15468	0.9999	EXP 150 of 150
15D03879	15.5 %	0.2059270 ± 0.0012473	0.5434	EXP 150 of 150	0.5169963 ± 0.0336326	0.0002	EXP 150 of 150	1.3014703 ± 0.0265877	0.0758	EXP 150 of 150	109.331015 ± 0.031453	0.9980	EXP 150 of 150	1753.44265 ± 0.10318	0.9998	EXP 150 of 150
15D03881	18.5 %	0.1254358 ± 0.0008518	0.4095	EXP 150 of 150	0.2830614 ± 0.0330851	0.0225	EXP 150 of 150	0.4817328 ± 0.0293555	0.0017	EXP 150 of 150	46.613134 ± 0.030283	0.9896	EXP 150 of 150	760.42981 ± 0.06969	0.9994	EXP 150 of 150
15D03882	21.5 %	0.0955406 ± 0.0007604	0.4593	EXP 150 of 150	0.1905569 ± 0.0289376	0.0021	EXP 150 of 150	0.3151881 ± 0.0265549	0.0169	EXP 150 of 150	30.509042 ± 0.027934	0.9794	EXP 150 of 150	502.95571 ± 0.05973	0.9986	EXP 150 of 150
15D03884	24.5 %	0.0549834 ± 0.0006209	0.4943	EXP 150 of 150	0.0448643 ± 0.0280783	0.0120	EXP 150 of 150	0.0867233 ± 0.0297770	0.0011	EXP 150 of 150	15.096530 ± 0.025574	0.9266	EXP 150 of 150	250.27352 ± 0.04178	0.9931	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
15D03835	1.8 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03837	1.9 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03838	2.0 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03839	2.1 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03841	2.2 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03842	2.3 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03843	2.4 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03845	2.5 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03846	2.6 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03847	2.7 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03849	2.8 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03850	2.9 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03851	3.0 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03853	3.2 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03854	3.4 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03855	3.6 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03857	3.8 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03858	4.0 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03859	4.3 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03861	4.6 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03862	4.9 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03863	5.2 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03865	5.5 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03866	5.8 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03867	6.2 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03869	6.6 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03870	7.0 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03871	7.6 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03873	8.3 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03874	9.0 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03875	9.8 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03877	11.0 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03878	13.0 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03879	15.5 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03881	18.5 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03882	21.5 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01
15D03884	24.5 %	Susan Schnur	14-OSU-04	0.00	0.00	55.40	Walvis Ridge\MV1203 (13-INT-04)	15D03834	01

Sample Parameters		Sample	Material	Location	Standard Name	Standard (in Ma)	%1σ	Standard Reference	Standard 40Ar/39Ar	%1σ	J	%1σ	Air 40Ar/36Ar	%1σ	MDF (lin)	%1σ	Volume Ratio	Sensitivity (mol/volt)	Day	Month	Year	Hour	Min	Resist
15D03835	1.8 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	5	FEB	2015	21	23	1
15D03837	1.9 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	5	FEB	2015	21	50	1
15D03838	2.0 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	5	FEB	2015	22	5	1
15D03839	2.1 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	5	FEB	2015	22	19	1
15D03841	2.2 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	5	FEB	2015	22	46	1
15D03842	2.3 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	5	FEB	2015	23	0	1
15D03843	2.4 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	5	FEB	2015	23	14	1
15D03845	2.5 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	5	FEB	2015	23	41	1
15D03846	2.6 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	5	FEB	2015	23	54	1
15D03847	2.7 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	0	8	1
15D03849	2.8 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	0	34	1
15D03850	2.9 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	0	47	1
15D03851	3.0 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	1	0	1
15D03853	3.2 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	1	25	1
15D03854	3.4 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	1	38	1
15D03855	3.6 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	1	50	1
15D03857	3.8 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	2	15	1
15D03858	4.0 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	2	28	1
15D03859	4.3 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	2	40	1
15D03861	4.6 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	3	5	1
15D03862	4.9 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	3	18	1
15D03863	5.2 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	3	30	1
15D03865	5.5 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	3	55	1
15D03866	5.8 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	4	7	1
15D03867	6.2 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	4	20	1
15D03869	6.6 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	4	45	1
15D03870	7.0 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	4	57	1
15D03871	7.6 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	5	10	1
15D03873	8.3 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	5	35	1
15D03874	9.0 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	5	47	1
15D03875	9.8 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	6	0	1
15D03877	11.0 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	6	25	1
15D03878	13.0 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	6	37	1
15D03879	15.5 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	6	50	1
15D03881	18.5 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	7	15	1
15D03882	21.5 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	7	28	1
15D03884	24.5 %	MV1203-D62-03	Groundmass	Maybe Seamount	CT-NM (R98) (4B40-14	28.201	0.082	Kuiper et al (2008)	10.18912	0.188	0.00154257	0.188	303.491	0.175	0.99340892	0.072	1	4.8E-14	6	FEB	2015	7	54	1

Irradiation Constants		40/36(a)	%1σ	40/36(c)	%1σ	38/36(a)	%1σ	38/36(c)	%1σ	39/37(ca)	%1σ	38/37(ca)	%1σ	36/37(ca)	%1σ	40/39(k)	%1σ	38/39(k)	%1σ	36/38(cl)	%1σ	K/Ca	%1σ	K/Cl	%1σ	Ca/Cl	%1σ
15D03835	1.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
15D03837	1.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
15D03838	2.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
15D03839	2.1 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
15D03841	2.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
15D03842	2.3 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
15D03843	2.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
15D03845	2.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
15D03846	2.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
15D03847	**2.7 %**	**295.5**	**0**	**0.018**	**35**	**0.1869**	**0**	**1.493**	**3**	**0.0006756**	**1.32**	**0.0000718**	**12.82**	**0.0002663**	**0.15**	**0.003823**	**2.66**	**0.012031**	**0.16**	**0**	**0**	**0.43**	**0**	**0**	**0**	**0**	**0**
15D03849	**2.8 %**	**295.5**	**0**	**0.018**	**35**	**0.1869**	**0**	**1.493**	**3**	**0.0006756**	**1.32**	**0.0000718**	**12.82**	**0.0002663**	**0.15**	**0.003823**	**2.66**	**0.012031**	**0.16**	**0**	**0**	**0.43**	**0**	**0**	**0**	**0**	**0**
15D03850	**2.9 %**	**295.5**	**0**	**0.018**	**35**	**0.1869**	**0**	**1.493**	**3**	**0.0006756**	**1.32**	**0.0000718**	**12.82**	**0.0002663**	**0.15**	**0.003823**	**2.66**	**0.012031**	**0.16**	**0**	**0**	**0.43**	**0**	**0**	**0**	**0**	**0**
15D03851	**3.0 %**	**295.5**	**0**	**0.018**	**35**	**0.1869**	**0**	**1.493**	**3**	**0.0006756**	**1.32**	**0.0000718**	**12.82**	**0.0002663**	**0.15**	**0.003823**	**2.66**	**0.012031**	**0.16**	**0**	**0**	**0.43**	**0**	**0**	**0**	**0**	**0**
15D03853	**3.2 %**	**295.5**	**0**	**0.018**	**35**	**0.1869**	**0**	**1.493**	**3**	**0.0006756**	**1.32**	**0.0000718**	**12.82**	**0.0002663**	**0.15**	**0.003823**	**2.66**	**0.012031**	**0.16**	**0**	**0**	**0.43**	**0**	**0**	**0**	**0**	**0**
15D03854	**3.4 %**	**295.5**	**0**	**0.018**	**35**	**0.1869**	**0**	**1.493**	**3**	**0.0006756**	**1.32**	**0.0000718**	**12.82**	**0.0002663**	**0.15**	**0.003823**	**2.66**	**0.012031**	**0.16**	**0**	**0**	**0.43**	**0**	**0**	**0**	**0**	**0**
15D03855	**3.6 %**	**295.5**	**0**	**0.018**	**35**	**0.1869**	**0**	**1.493**	**3**	**0.0006756**	**1.32**	**0.0000718**	**12.82**	**0.0002663**	**0.15**	**0.003823**	**2.66**	**0.012031**	**0.16**	**0**	**0**	**0.43**	**0**	**0**	**0**	**0**	**0**
15D03857	**3.8 %**	**295.5**	**0**	**0.018**	**35**	**0.1869**	**0**	**1.493**	**3**	**0.0006756**	**1.32**	**0.0000718**	**12.82**	**0.0002663**	**0.15**	**0.003823**	**2.66**	**0.012031**	**0.16**	**0**	**0**	**0.43**	**0**	**0**	**0**	**0**	**0**
15D03858	**4.0 %**	**295.5**	**0**	**0.018**	**35**	**0.1869**	**0**	**1.493**	**3**	**0.0006756**	**1.32**	**0.0000718**	**12.82**	**0.0002663**	**0.15**	**0.003823**	**2.66**	**0.012031**	**0.16**	**0**	**0**	**0.43**	**0**	**0**	**0**	**0**	**0**
15D03859	**4.3 %**	**295.5**	**0**	**0.018**	**35**	**0.1869**	**0**	**1.493**	**3**	**0.0006756**	**1.32**	**0.0000718**	**12.82**	**0.0002663**	**0.15**	**0.003823**	**2.66**	**0.012031**	**0.16**	**0**	**0**	**0.43**	**0**	**0**	**0**	**0**	**0**
15D03861	**4.6 %**	**295.5**	**0**	**0.018**	**35**	**0.1869**	**0**	**1.493**	**3**	**0.0006756**	**1.32**	**0.0000718**	**12.82**	**0.0002663**	**0.15**	**0.003823**	**2.66**	**0.012031**	**0.16**	**0**	**0**	**0.43**	**0**	**0**	**0**	**0**	**0**
15D03862	4.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
15D03863	5.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
15D03865	5.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
15D03866	5.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
15D03867	6.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
15D03869	6.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
15D03870	7.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
15D03871	7.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
15D03873	8.3 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
15D03874	9.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
15D03875	9.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
15D03877	11.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
15D03878	13.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
15D03879	15.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
15D03881	18.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
15D03882	21.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
15D03884	24.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0

15D03834.AGE >>> MV1203-D62-03 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
42.77 ± 0.16
TOTAL FUSION
42.53 ± 0.16
NORMAL ISOCHRON
42.81 ± 0.17
INVERSE ISOCHRON
42.83 ± 0.17

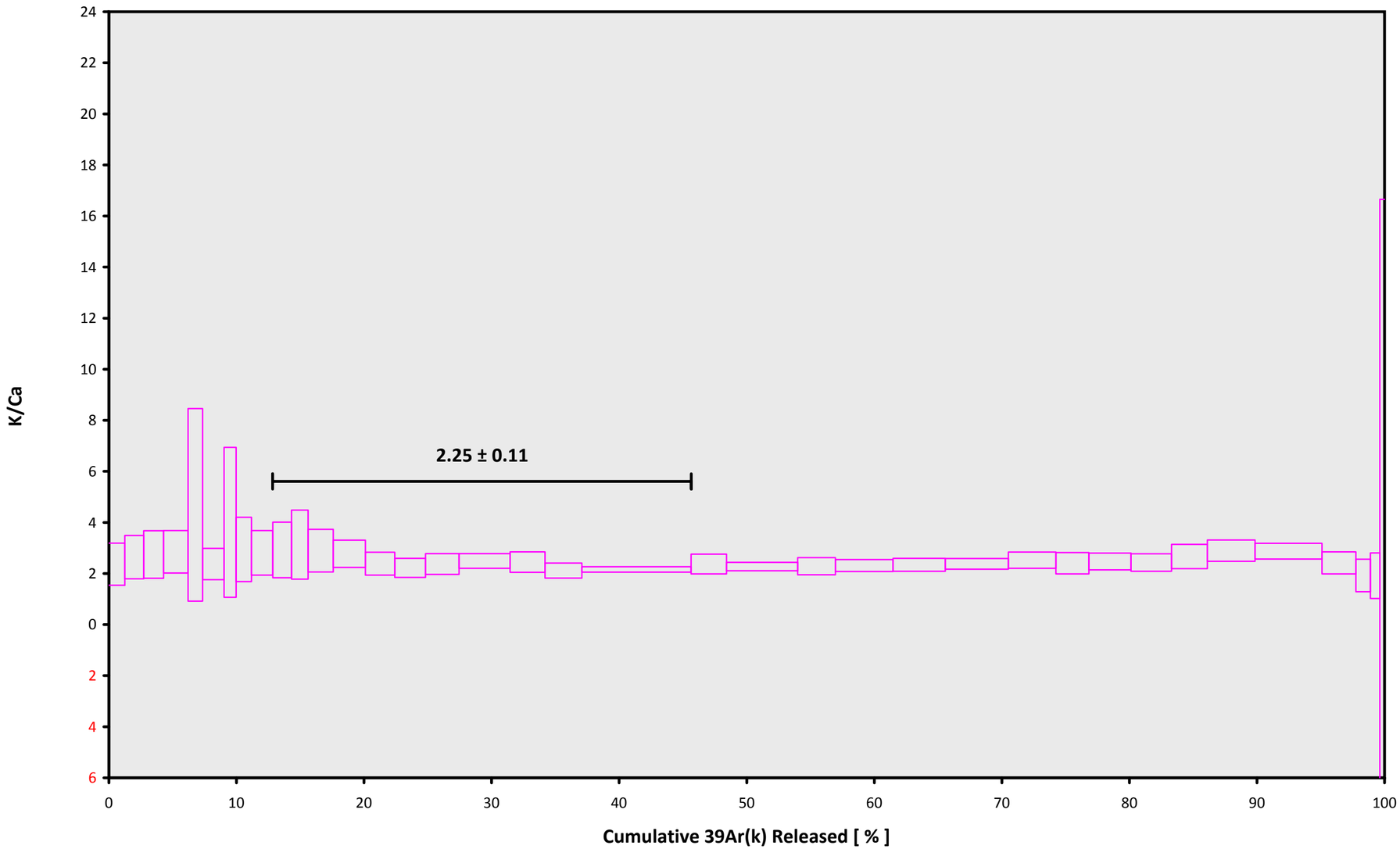
MSWD (PROBABILITY)
0.99 (45%)

Sample Info

Groundmass
Maybe Seamount
Susan Schnur

IRR = 14-OSU-04 (R98)
J = 0.00154257 ± 0.00000290

15D03834.AGE >>> MV1203-D62-03 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

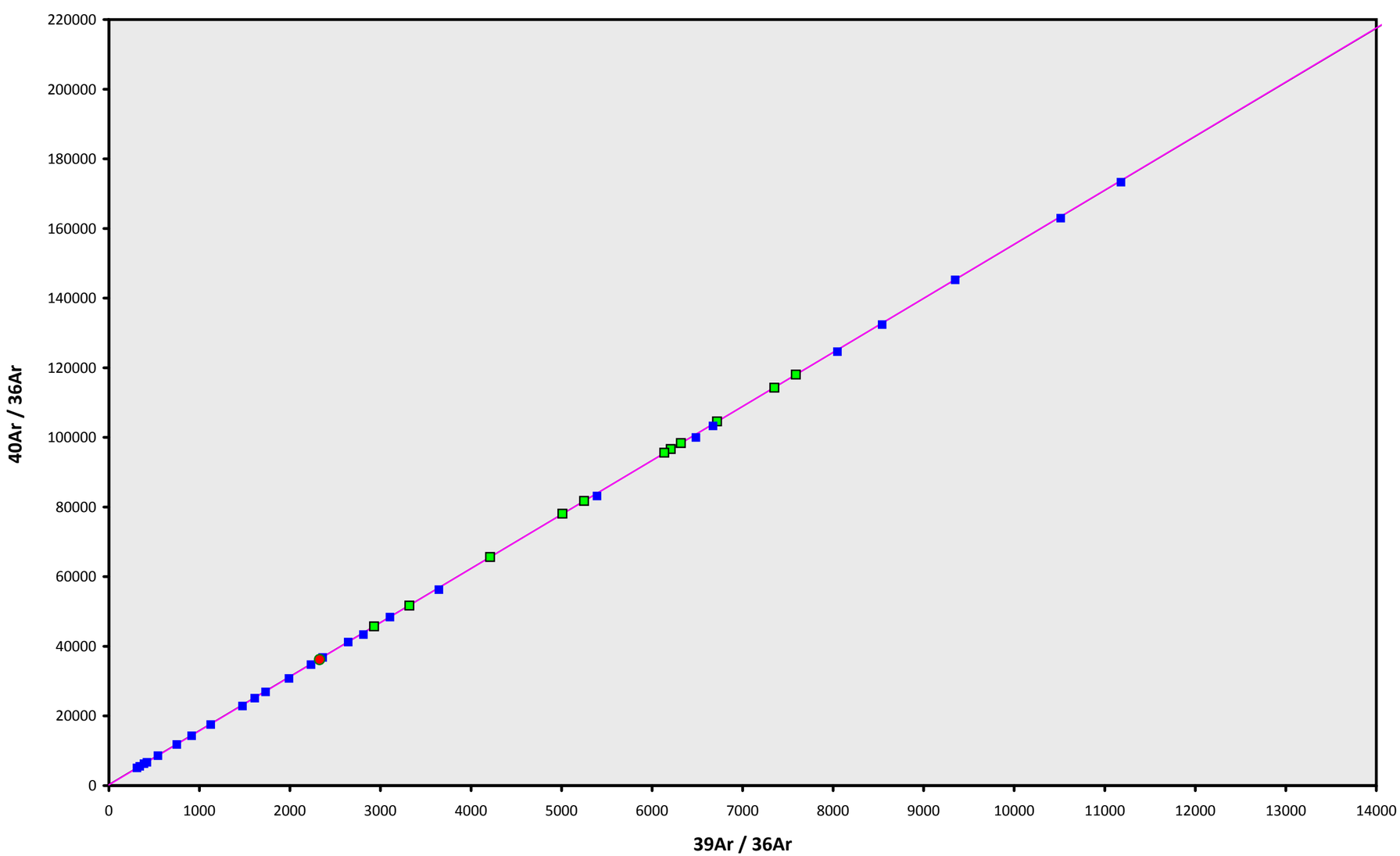
WEIGHTED PLATEAU
42.77 ± 0.16
TOTAL FUSION
42.53 ± 0.16
NORMAL ISOCHRON
42.81 ± 0.17
INVERSE ISOCHRON
42.83 ± 0.17

Sample Info

Groundmass
Maybe Seamount
Susan Schnur

IRR = 14-OSU-04 (R98)
J = 0.00154257 ± 0.00000290

15D03834.AGE >>> MV1203-D62-03 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
42.77 ± 0.16
TOTAL FUSION
42.53 ± 0.16
NORMAL ISOCHRON
42.81 ± 0.17
INVERSE ISOCHRON
42.83 ± 0.17

MSWD (PROBABILITY)
0.85 (57%)

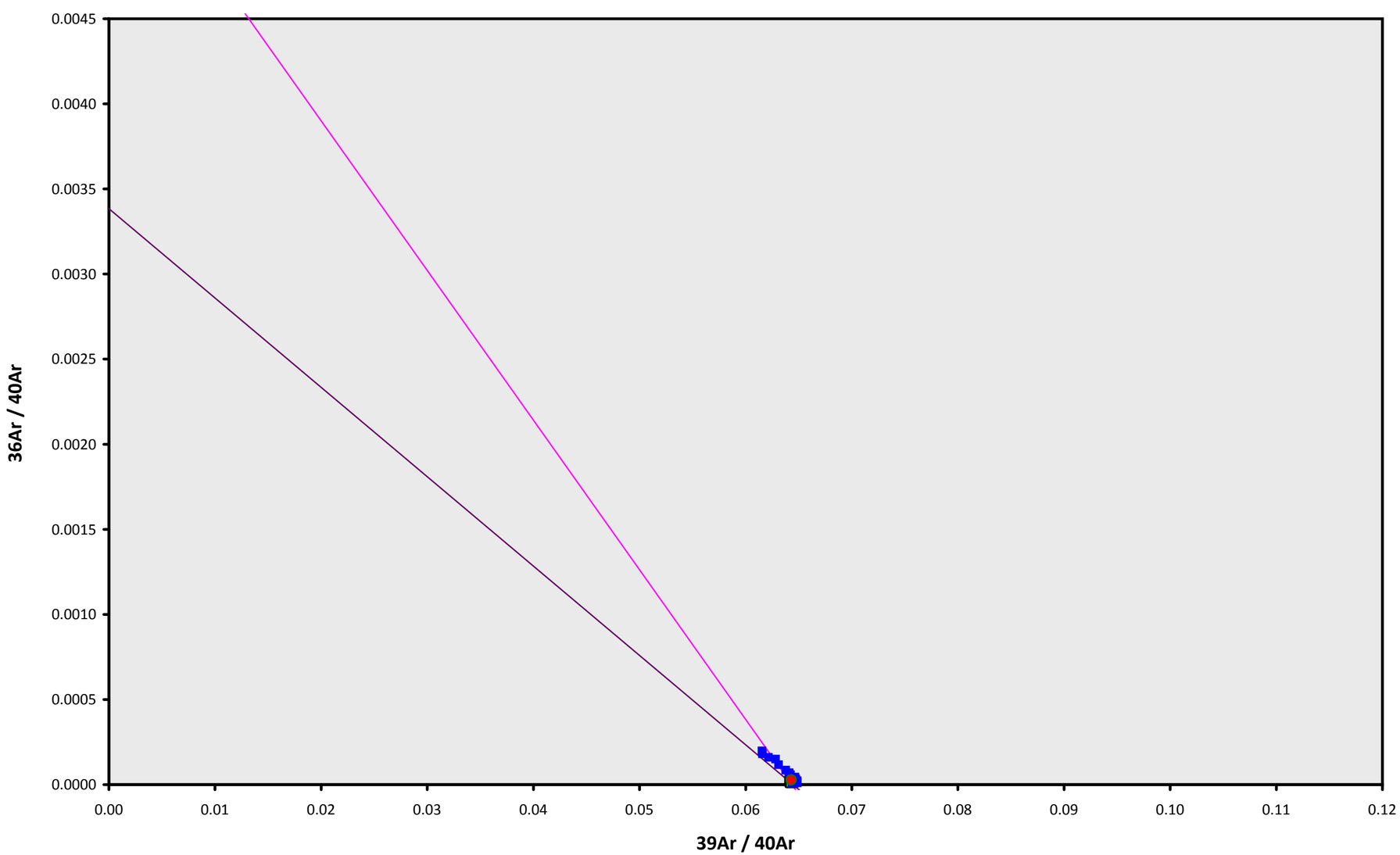
40AR/36AR INTERCEPT
215.9 ± 136.7

Sample Info

Groundmass
Maybe Seamount
Susan Schnur

IRR = 14-OSU-04 (R98)
J = 0.00154257 ± 0.00000290

15D03834.AGE >>> MV1203-D62-03 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
42.77 ± 0.16
TOTAL FUSION
42.53 ± 0.16
NORMAL ISOCHRON
42.81 ± 0.17
INVERSE ISOCHRON
42.83 ± 0.17

MSWD (PROBABILITY)
0.79 (62%)

SPREADING FACTOR
0.4%

40AR/36AR INTERCEPT
176.7 ± 96.0

Sample Info

Groundmass
Maybe Seamount
Susan Schnur

IRR = 14-OSU-04 (R98)
J = 0.00154257 ± 0.00000290