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
16D02997	1.0 %		0.0169866	2.363	2.16518	2.464	0.773494	3.090	61.8060	0.087	1211.674	0.025	19.52267 ± 0.03537	60.87 ± 0.11	99.58	1.82	12.3 ± 0.6
16D02999	1.4 %		0.0213310	2.015	3.99472	1.416	1.575369	1.484	127.1718	0.080	2471.701	0.012	19.38542 ± 0.03140	60.45 ± 0.10	99.74	3.74	13.7 ± 0.4
16D03000	1.8 %		0.0162078	2.869	4.95674	1.147	2.147171	1.127	175.3361	0.078	3411.946	0.009	19.43091 ± 0.03073	60.59 ± 0.09	99.85	5.16	15.2 ± 0.3
16D03002	1.9 %		0.0098674	4.453	3.98004	1.368	1.831439	1.284	150.4256	0.079	2934.627	0.011	19.48806 ± 0.03113	60.77 ± 0.10	99.89	4.43	16.3 ± 0.4
16D03003	2.0 %		0.0089565	4.699	4.88217	1.090	2.176220	1.129	177.1077	0.079	3447.428	0.009	19.44892 ± 0.03081	60.65 ± 0.09	99.91	5.21	15.6 ± 0.3
16D03004	2.1 %		0.0055262	7.363	2.83747	1.997	1.397122	1.686	117.9509	0.080	2308.732	0.013	19.55822 ± 0.03176	60.98 ± 0.10	99.92	3.47	17.9 ± 0.7
16D03006	2.2 %		0.0043615	8.744	3.01361	1.750	1.481481	1.560	120.5009	0.080	2355.626	0.013	19.53641 ± 0.03185	60.92 ± 0.10	99.94	3.55	17.2 ± 0.6
16D03007	2.3 %		0.0057256	7.612	3.30341	1.592	1.579457	1.522	126.4246	0.080	2468.678	0.012	19.51208 ± 0.03170	60.84 ± 0.10	99.92	3.72	16.5 ± 0.5
16D03008	2.4 %		0.0068634	5.691	4.90739	1.106	2.081502	1.127	161.1419	0.079	3127.644	0.010	19.39566 ± 0.03083	60.49 ± 0.09	99.93	4.74	14.1 ± 0.3
16D03010	2.5 %		0.0046034	9.133	3.89438	1.344	1.717340	1.398	136.0082	0.080	2649.110	0.012	19.46639 ± 0.03136	60.70 ± 0.10	99.94	4.00	15.0 ± 0.4
16D03011	2.6 %		0.0051429	7.434	3.56401	1.539	1.564438	1.505	122.9193	0.079	2397.270	0.013	19.48928 ± 0.03143	60.77 ± 0.10	99.93	3.62	14.8 ± 0.5
16D03012	2.7 %		0.0067037	6.398	4.50616	1.211	1.790801	1.363	136.4786	0.080	2649.070	0.012	19.39486 ± 0.03124	60.48 ± 0.10	99.92	4.02	13.0 ± 0.3
16D03014	2.8 %		0.0048855	7.960	3.64008	1.462	1.485809	1.614	114.8842	0.080	2240.285	0.014	19.48691 ± 0.03179	60.77 ± 0.10	99.93	3.38	13.6 ± 0.4
16D03015	2.9 %		0.0030054	12.162	1.92353	2.914	0.938857	2.533	75.6642	0.085	1484.649	0.020	19.60834 ± 0.03435	61.14 ± 0.11	99.93	2.23	16.9 ± 1.0
16D03016	3.0 %		0.0054125	7.088	4.67622	1.154	1.561354	1.491	113.9920	0.081	2206.344	0.014	19.34119 ± 0.03169	60.32 ± 0.10	99.92	3.35	10.5 ± 0.2
16D03018	3.2 %		0.0040636	10.333	4.22763	1.313	1.469502	1.615	107.8788	0.081	2102.743	0.014	19.48038 ± 0.03204	60.75 ± 0.10	99.94	3.17	11.0 ± 0.3
16D03019	3.4 %		0.0036193	9.154	2.30935	2.527	0.969278	2.615	76.8044	0.084	1505.869	0.020	19.59156 ± 0.03387	61.09 ± 0.10	99.92	2.26	14.3 ± 0.7
16D03020	3.6 %		0.0066673	6.186	6.36865	0.878	1.890377	1.187	133.3850	0.079	2592.164	0.012	19.41952 ± 0.03122	60.56 ± 0.10	99.92	3.93	9.0 ± 0.2
16D03022	3.8 %		0.0064772	5.741	3.90632	1.409	1.461147	1.637	115.0272	0.080	2257.370	0.014	19.60732 ± 0.03196	61.13 ± 0.10	99.91	3.39	12.7 ± 0.4
16D03023	4.0 %		0.0029923	11.481	1.80257	2.992	0.869159	2.754	71.3533	0.085	1406.518	0.021	19.69815 ± 0.03468	61.41 ± 0.11	99.93	2.10	17.0 ± 1.0
16D03024	4.3 %		0.0055448	6.787	3.72976	1.574	1.424796	1.676	112.6894	0.081	2215.408	0.014	19.64412 ± 0.03216	61.25 ± 0.10	99.92	3.32	13.0 ± 0.4
16D03026	4.6 %		0.0062777	5.770	3.14387	1.724	1.311910	1.937	105.2925	0.081	2075.779	0.015	19.69572 ± 0.03238	61.41 ± 0.10	99.90	3.10	14.4 ± 0.5
16D03027	4.9 %	✓	0.0026395	12.251	1.19635	4.531	0.649901	3.740	54.1044	0.089	1068.077	0.028	19.72484 ± 0.03713	61.49 ± 0.11	99.92	1.59	19.4 ± 1.8
16D03028	5.2 %	✓	0.0053443	6.586	2.12131	2.521	0.943663	2.491	77.5134	0.084	1529.679	0.020	19.71270 ± 0.03410	61.46 ± 0.10	99.89	2.28	15.7 ± 0.8
16D03030	5.5 %	✓	0.0019602	15.612	1.22772	4.396	0.618567	3.805	51.1128	0.090	1010.354	0.030	19.75419 ± 0.03775	61.58 ± 0.12	99.93	1.50	17.9 ± 1.6
16D03031	5.8 %	✓	0.0037208	8.633	1.30809	4.281	0.596804	4.104	48.3060	0.093	954.880	0.031	19.74325 ± 0.03907	61.55 ± 0.12	99.88	1.42	15.9 ± 1.4
16D03032	6.2 %	✓	0.0018797	16.119	0.72957	7.890	0.378894	6.472	32.2693	0.106	637.935	0.046	19.75018 ± 0.04608	61.57 ± 0.14	99.90	0.95	19.0 ± 3.0
16D03034	6.6 %	✓	0.0039203	8.385	1.19907	4.519	0.419721	5.696	35.1090	0.102	694.105	0.043	19.73631 ± 0.04419	61.53 ± 0.14	99.83	1.03	12.6 ± 1.1
16D03035	7.0 %	✓	0.0044099	7.296	1.40656	3.817	0.437182	5.522	36.6257	0.100	723.340	0.041	19.71365 ± 0.04310	61.46 ± 0.13	99.82	1.08	11.2 ± 0.9
16D03036	7.6 %	✓	0.0039858	8.512	1.23497	4.331	0.428413	5.797	32.7406	0.107	648.135	0.046	19.75975 ± 0.04657	61.60 ± 0.14	99.81	0.96	11.4 ± 1.0
16D03038	8.3 %	✓	0.0057782	5.408	1.65979	3.328	0.432985	5.330	35.6162	0.104	705.120	0.042	19.75026 ± 0.04458	61.57 ± 0.14	99.76	1.05	9.2 ± 0.6
16D03039	9.0 %	✓	0.0072461	4.492	1.33523	4.226	0.449371	5.577	34.3479	0.107	677.866	0.044	19.67271 ± 0.04569	61.33 ± 0.14	99.68	1.01	11.1 ± 0.9
16D03040	9.8 %	✓	0.0082761	3.624	1.23847	4.286	0.434155	5.755	33.3005	0.105	659.387	0.045	19.72728 ± 0.04533	61.50 ± 0.14	99.62	0.98	11.6 ± 1.0
16D03042	11.0 %	✓	0.0179754	2.162	1.65081	3.391	0.483089	5.075	40.1508	0.100	797.034	0.037	19.71868 ± 0.04236	61.48 ± 0.13	99.33	1.18	10.5 ± 0.7
16D03043	13.0 %	✓	0.0346829	1.400	2.30253	2.272	0.713030	3.526	57.2400	0.088	1139.633	0.026	19.73057 ± 0.03650	61.51 ± 0.11	99.10	1.68	10.7 ± 0.5
16D03044	15.5 %	✓	0.0537257	1.093	2.64659	1.987	0.889649	2.650	71.1840	0.086	1421.232	0.021	19.74220 ± 0.03545	61.55 ± 0.11	98.88	2.10	11.6 ± 0.5
16D03046	18.5 %	✓	0.0646644	0.971	1.93730	2.794	0.827589	3.018	64.9150	0.086	1302.949	0.023	19.77621 ± 0.03573	61.65 ± 0.11	98.53	1.91	14.4 ± 0.8
16D03047	21.5 %	✓	0.0377852	1.265	1.05893	5.295	0.469165	5.066	38.3425	0.100	769.575	0.039	19.77859 ± 0.04313	61.66 ± 0.13	98.54	1.13	15.6 ± 1.6
16D03049	24.5 %		0.0149629	2.152	0.41204	12.826	0.233954	10.612	14.6559	0.174	295.396	0.100	19.85264 ± 0.08089	61.89 ± 0.25	98.50	0.43	15.3 ± 3.9
		Σ	0.4341790	0.569	106.39859	0.321	42.904157	0.350	3397.7766	0.015	66555.333	0.003					

Information on Analysis and Constants Used in Calculations

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D05-05**
Material = **Groundmass**
Location = **Fedallah Guyot**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **15-OSU-07 (7A7-15)**
Position = **X: 0 | Y: 0 | Z/H: 13.5 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **8.96245 ± 0.01425**
FCT-NM J-value = **0.00175369 ± 0.00000279**
Air Shot 40Ar/36Ar = **303.8280 ± 0.6228**
Air Shot MDF = **0.99313858 ± 0.00076291 (LIN)**
Experiment Type = **Incremental Heating**
Extraction Method = **Bulk Laser Heating**
Heating = **77 sec**
Isolation = **3.00 min**
Instrument = **ARGUS-VI-D**
Preferred Age = **Plateau Age**
Age Classification = **Eruption Age**
IGSN = **IESS10056**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Trachyte**
Lat-Lon = **33°04.3'S - 0°06.7'W**

Age Equations = **Min et al. (2000)**
Negative Intensities = **Allowed**
Collector Calibrations = **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		19.73736 ± 0.01271 ± 0.06%	**61.53 ± 0.20** **± 0.32%**	1.59 7%	21.86 16	11.9 ± 1.1
		Full External Error ± 1.39		1.73	2σ Confidence Limit	
		Analytical Error ± 0.04		1.2595	Error Magnification	
Total Fusion Age		19.54921 ± 0.00585 ± 0.03%	**60.96 ± 0.19** **± 0.31%**		39	13.7 ± 0.1
		Full External Error ± 1.38				
		Analytical Error ± 0.02				
Normal Isochron	**303.01 ± 40.15** **± 13.25%**	19.74451 ± 0.01891 ± 0.10%	**61.55 ± 0.20** **± 0.33%**	1.81 3%	21.86 16	
Error Chron		Full External Error ± 1.39		1.76	2σ Confidence Limit	
		Analytical Error ± 0.06		1.3469	Error Magnification	
				1	Number of Iterations	
				0.0000014667	Convergence	
Inverse Isochron	**330.71 ± 33.34** **± 10.08%**	19.72591 ± 0.01598 ± 0.08%	**61.50 ± 0.20** **± 0.32%**	1.30 20%	21.86 16	
Clustered Points		Full External Error ± 1.39		1.76	2σ Confidence Limit	
		Analytical Error ± 0.05		1.1388	Error Magnification	
Notes				2	Number of Iterations	
Plateau is very bumpy, likely full of melt inclusions, minimal high-T plateau. 40/36 Good plateau.				0.0001274891	Convergence	
				2%	Spreading Factor	

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
16D02997	1.0 %		0.0164085	2.16518	0.0267018	61.8045	1206.589	60.87 ± 0.11	99.58	1.82	12.3 ± 0.6
16D02999	1.4 %		0.0202647	3.99472	0.0413235	127.1691	2465.226	60.45 ± 0.10	99.74	3.74	13.7 ± 0.4
16D03000	1.8 %		0.0148858	4.95674	0.0346038	175.3328	3406.876	60.59 ± 0.09	99.85	5.16	15.2 ± 0.3
16D03002	1.9 %		0.0088063	3.98004	0.0197694	150.4229	2931.450	60.77 ± 0.10	99.89	4.43	16.3 ± 0.4
16D03003	2.0 %		0.0076538	4.88217	0.0436956	177.1044	3444.489	60.65 ± 0.09	99.91	5.21	15.6 ± 0.3
16D03004	2.1 %		0.0047706	2.83747	0.0000000	117.9490	2306.872	60.98 ± 0.10	99.92	3.47	17.9 ± 0.7
16D03006	2.2 %		0.0035572	3.01361	0.0308777	120.4988	2354.115	60.92 ± 0.10	99.94	3.55	17.2 ± 0.6
16D03007	2.3 %		0.0048424	3.30341	0.0573274	126.4224	2466.763	60.84 ± 0.10	99.92	3.72	16.5 ± 0.5
16D03008	2.4 %		0.0055481	4.90739	0.1414551	161.1386	3125.388	60.49 ± 0.09	99.93	4.74	14.1 ± 0.3
16D03010	2.5 %		0.0035615	3.89438	0.0801112	136.0056	2647.538	60.70 ± 0.10	99.94	4.00	15.0 ± 0.4
16D03011	2.6 %		0.0041887	3.56401	0.0845862	122.9169	2395.562	60.77 ± 0.10	99.93	3.62	14.8 ± 0.5
16D03012	2.7 %		0.0054949	4.50616	0.1475129	136.4756	2646.924	60.48 ± 0.10	99.92	4.02	13.0 ± 0.3
16D03014	2.8 %		0.0039100	3.64008	0.1026749	114.8817	2238.690	60.77 ± 0.10	99.93	3.38	13.6 ± 0.4
16D03015	2.9 %		0.0024915	1.92353	0.0279533	75.6629	1483.623	61.14 ± 0.11	99.93	2.23	16.9 ± 1.0
16D03016	3.0 %		0.0041559	4.67622	0.1888417	113.9888	2204.680	60.32 ± 0.10	99.92	3.35	10.5 ± 0.2
16D03018	3.2 %		0.0029276	4.22763	0.1707954	107.8760	2101.465	60.75 ± 0.10	99.94	3.17	11.0 ± 0.3
16D03019	3.4 %		0.0030017	2.30935	0.0445356	76.8029	1504.688	61.09 ± 0.10	99.92	2.26	14.3 ± 0.7
16D03020	3.6 %		0.0049543	6.36865	0.2842899	133.3807	2590.190	60.56 ± 0.10	99.92	3.93	9.0 ± 0.2
16D03022	3.8 %		0.0054324	3.90632	0.0759905	115.0246	2255.325	61.13 ± 0.10	99.91	3.39	12.7 ± 0.4
16D03023	4.0 %		0.0025116	1.80257	0.0101235	71.3521	1405.503	61.41 ± 0.11	99.93	2.10	17.0 ± 1.0
16D03024	4.3 %		0.0045475	3.72976	0.0679431	112.6868	2213.634	61.25 ± 0.10	99.92	3.32	13.0 ± 0.4
16D03026	4.6 %		0.0054378	3.14387	0.0439203	105.2903	2073.769	61.41 ± 0.10	99.90	3.10	14.4 ± 0.5
16D03027	4.9 %	✓	0.0023209	1.19635	0.0000000	54.1036	1067.184	61.49 ± 0.11	99.92	1.59	19.4 ± 1.8
16D03028	5.2 %	✓	0.0047788	2.12131	0.0100710	77.5120	1527.971	61.46 ± 0.10	99.89	2.28	15.7 ± 0.8
16D03030	5.5 %	✓	0.0016331	1.22772	0.0032456	51.1120	1009.676	61.58 ± 0.12	99.93	1.50	17.9 ± 1.6
16D03031	5.8 %	✓	0.0033716	1.30809	0.0149211	48.3051	953.699	61.55 ± 0.12	99.88	1.42	15.9 ± 1.4
16D03032	6.2 %	✓	0.0016854	0.72957	0.0000000	32.2688	637.314	61.57 ± 0.14	99.90	0.95	19.0 ± 3.0
16D03034	6.6 %	✓	0.0036010	1.19907	0.0000000	35.1082	692.907	61.53 ± 0.14	99.83	1.03	12.6 ± 1.1
16D03035	7.0 %	✓	0.0040353	1.40656	0.0000000	36.6248	722.008	61.46 ± 0.13	99.82	1.08	11.2 ± 0.9
16D03036	7.6 %	✓	0.0036549	1.23497	0.0337493	32.7398	646.930	61.60 ± 0.14	99.81	0.96	11.4 ± 1.0
16D03038	8.3 %	✓	0.0053360	1.65979	0.0033839	35.6151	703.407	61.57 ± 0.14	99.76	1.05	9.2 ± 0.6
16D03039	9.0 %	✓	0.0068885	1.33523	0.0347584	34.3470	675.699	61.33 ± 0.14	99.68	1.01	11.1 ± 0.9
16D03040	9.8 %	✓	0.0079443	1.23847	0.0319524	33.2997	656.913	61.50 ± 0.14	99.62	0.98	11.6 ± 1.0
16D03042	11.0 %	✓	0.0175358	1.65081	0.0000000	40.1497	791.699	61.48 ± 0.13	99.33	1.18	10.5 ± 0.7
16D03043	13.0 %	✓	0.0340687	2.30253	0.0178614	57.2384	1129.347	61.51 ± 0.11	99.10	1.68	10.7 ± 0.5
16D03044	15.5 %	✓	0.0530196	2.64659	0.0231566	71.1822	1405.292	61.55 ± 0.11	98.88	2.10	11.6 ± 0.5
16D03046	18.5 %	✓	0.0641464	1.93730	0.0344852	64.9136	1283.746	61.65 ± 0.11	98.53	1.91	14.4 ± 0.8
16D03047	21.5 %	✓	0.0375032	1.05893	0.0007898	38.3418	758.346	61.66 ± 0.13	98.54	1.13	15.6 ± 1.6
16D03049	24.5 %		0.0148499	0.41204	0.0548277	14.6556	290.952	61.89 ± 0.25	98.50	0.43	15.3 ± 3.9
		Σ	0.4057262	106.39859	1.9882353	3397.7047	66422.452				

Information on Analysis

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D05-05**
Material = **Groundmass**
Location = **Fedallah Guyot**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **15-OSU-07 (7A7-15)**
J = **0.00175369 ± 0.00000279**
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	19.73736	± 0.01271 ± 0.06%	**61.53**	**± 0.20** **± 0.32%**	1.59 7%	21.86 16	11.9 ± 1.1
		Full External Error		± 1.39	1.73	2σ Confidence Limit	
		Analytical Error		± 0.04	1.2595	Error Magnification	
Total Fusion Age	19.54921	± 0.00585 ± 0.03%	**60.96**	**± 0.19** **± 0.31%**		39	13.7 ± 0.1
		Full External Error		± 1.38			
		Analytical Error		± 0.02			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
16D02997	1.0 %		3766.63 ± 184.51	73830.10 ± 3614.50	0.9993
16D02999	1.4 %		6275.39 ± 266.59	121946.62 ± 5176.96	0.9993
16D03000	1.8 %		11778.54 ± 736.59	229163.28 ± 14326.63	0.9997
16D03002	1.9 %		17081.24 ± 1705.76	333175.72 ± 33267.29	0.9999
16D03003	2.0 %		23139.44 ± 2546.60	450332.50 ± 49556.23	0.9999
16D03004	2.1 %		24724.15 ± 4220.49	483855.71 ± 82592.11	1.0000
16D03006	2.2 %		33874.80 ± 7269.05	662087.48 ± 142070.64	1.0000
16D03007	2.3 %		26107.13 ± 4702.26	509699.84 ± 91800.54	1.0000
16D03008	2.4 %		29043.67 ± 4092.76	563616.57 ± 79418.57	0.9999
16D03010	2.5 %		38187.22 ± 9020.77	743662.81 ± 175667.63	1.0000
16D03011	2.6 %		29344.60 ± 5360.79	572200.67 ± 104527.98	1.0000
16D03012	2.7 %		24836.92 ± 3879.50	482004.06 ± 75284.78	0.9999
16D03014	2.8 %		29381.18 ± 5848.74	572843.83 ± 114029.13	1.0000
16D03015	2.9 %		30368.58 ± 8918.10	595773.03 ± 174953.09	1.0000
16D03016	3.0 %		27428.20 ± 5067.72	530789.49 ± 98066.70	1.0000
16D03018	3.2 %		36848.44 ± 10576.83	718117.20 ± 206122.37	1.0000
16D03019	3.4 %		25586.86 ± 5654.60	501582.03 ± 110844.65	1.0000
16D03020	3.6 %		26922.02 ± 4485.95	523108.34 ± 87160.47	1.0000
16D03022	3.8 %		21173.98 ± 2901.21	415460.55 ± 56921.76	0.9999
16D03023	4.0 %		28408.56 ± 7778.28	559891.65 ± 153295.92	1.0000
16D03024	4.3 %		24780.09 ± 4105.21	487078.47 ± 80688.41	1.0000
16D03026	4.6 %		19362.52 ± 2581.66	381654.23 ± 50883.43	0.9999
16D03027	4.9 %	✓	23311.15 ± 6502.53	460104.20 ± 128341.33	1.0000
16D03028	5.2 %	✓	16219.89 ± 2391.58	320033.34 ± 47185.21	0.9999
16D03030	5.5 %	✓	31298.06 ± 11743.70	618563.39 ± 232095.85	1.0000
16D03031	5.8 %	✓	14327.12 ± 2732.93	283159.42 ± 54011.02	0.9999
16D03032	6.2 %	✓	19146.36 ± 6892.96	378439.53 ± 136241.70	1.0000
16D03034	6.6 %	✓	9749.65 ± 1781.74	192717.68 ± 35217.08	0.9999
16D03035	7.0 %	✓	9076.03 ± 1448.93	179217.23 ± 28609.02	0.9999
16D03036	7.6 %	✓	8957.75 ± 1664.60	177298.33 ± 32945.27	0.9999
16D03038	8.3 %	✓	6674.45 ± 782.79	132117.68 ± 15492.88	0.9998
16D03039	9.0 %	✓	4986.17 ± 471.81	98387.05 ± 9307.84	0.9997
16D03040	9.8 %	✓	4191.62 ± 317.00	82984.82 ± 6273.91	0.9995
16D03042	11.0 %	✓	2289.59 ± 101.65	45443.13 ± 2015.68	0.9989
16D03043	13.0 %	✓	1680.09 ± 48.00	33444.61 ± 953.89	0.9979
16D03044	15.5 %	✓	1342.56 ± 29.84	26800.67 ± 594.06	0.9968
16D03046	18.5 %	✓	1011.96 ± 19.89	20308.24 ± 397.73	0.9959
16D03047	21.5 %	✓	1022.36 ± 26.15	20516.35 ± 523.40	0.9965
16D03049	24.5 %		986.92 ± 42.98	19888.39 ± 864.35	0.9958

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	**303.01 ± 40.15**	19.74451 ± 0.01891	**61.55 ± 0.20**	1.81
Error Chron	**± 13.25%**	± 0.10%	**± 0.33%**	3%
			Full External Error ± 1.39	
			Analytical Error ± 0.06	

Statistics				
	2σ Confidence Limit	1.76	Convergence	0.000001466743
	Error Magnification	1.3469	Number of Iterations	1
	Number of Data Points	16	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
16D02997	1.0 %		0.0510175 ± 0.0000918	0.00001354 ± 0.00000066	0.0028
16D02999	1.4 %		0.0514602 ± 0.0000832	0.00000820 ± 0.00000035	0.0009
16D03000	1.8 %		0.0513980 ± 0.0000812	0.00000436 ± 0.00000027	0.0003
16D03002	1.9 %		0.0512680 ± 0.0000818	0.00000300 ± 0.00000030	0.0003
16D03003	2.0 %		0.0513830 ± 0.0000813	0.00000222 ± 0.00000024	0.0002
16D03004	2.1 %		0.0510982 ± 0.0000828	0.00000207 ± 0.00000035	0.0003
16D03006	2.2 %		0.0511636 ± 0.0000833	0.00000151 ± 0.00000032	0.0002
16D03007	2.3 %		0.0512206 ± 0.0000830	0.00000196 ± 0.00000035	0.0002
16D03008	2.4 %		0.0515309 ± 0.0000818	0.00000177 ± 0.00000025	0.0002
16D03010	2.5 %		0.0513502 ± 0.0000826	0.00000134 ± 0.00000032	0.0001
16D03011	2.6 %		0.0512838 ± 0.0000826	0.00000175 ± 0.00000032	0.0002
16D03012	2.7 %		0.0515285 ± 0.0000828	0.00000207 ± 0.00000032	0.0002
16D03014	2.8 %		0.0512900 ± 0.0000835	0.00000175 ± 0.00000035	0.0002
16D03015	2.9 %		0.0509734 ± 0.0000890	0.00000168 ± 0.00000049	0.0003
16D03016	3.0 %		0.0516743 ± 0.0000845	0.00000188 ± 0.00000035	0.0003
16D03018	3.2 %		0.0513126 ± 0.0000842	0.00000139 ± 0.00000040	0.0002
16D03019	3.4 %		0.0510123 ± 0.0000879	0.00000199 ± 0.00000044	0.0004
16D03020	3.6 %		0.0514655 ± 0.0000826	0.00000191 ± 0.00000032	0.0002
16D03022	3.8 %		0.0509651 ± 0.0000829	0.00000241 ± 0.00000033	0.0003
16D03023	4.0 %		0.0507394 ± 0.0000890	0.00000179 ± 0.00000049	0.0004
16D03024	4.3 %		0.0508749 ± 0.0000831	0.00000205 ± 0.00000034	0.0003
16D03026	4.6 %		0.0507331 ± 0.0000832	0.00000262 ± 0.00000035	0.0004
16D03027	4.9 %	✓	0.0506649 ± 0.0000949	0.00000217 ± 0.00000061	0.0006
16D03028	5.2 %	✓	0.0506819 ± 0.0000874	0.00000312 ± 0.00000046	0.0006
16D03030	5.5 %	✓	0.0505980 ± 0.0000963	0.00000162 ± 0.00000061	0.0005
16D03031	5.8 %	✓	0.0505974 ± 0.0000996	0.00000353 ± 0.00000067	0.0010
16D03032	6.2 %	✓	0.0505929 ± 0.0001172	0.00000264 ± 0.00000095	0.0010
16D03034	6.6 %	✓	0.0505903 ± 0.0001123	0.00000519 ± 0.00000095	0.0018
16D03035	7.0 %	✓	0.0506426 ± 0.0001099	0.00000558 ± 0.00000089	0.0019
16D03036	7.6 %	✓	0.0505236 ± 0.0001180	0.00000564 ± 0.00000105	0.0019
16D03038	8.3 %	✓	0.0505190 ± 0.0001132	0.00000757 ± 0.00000089	0.0027
16D03039	9.0 %	✓	0.0506792 ± 0.0001168	0.00001016 ± 0.00000096	0.0035
16D03040	9.8 %	✓	0.0505107 ± 0.0001152	0.00001205 ± 0.00000091	0.0047
16D03042	11.0 %	✓	0.0503836 ± 0.0001072	0.00002201 ± 0.00000098	0.0059
16D03043	13.0 %	✓	0.0502350 ± 0.0000920	0.00002990 ± 0.00000085	0.0053
16D03044	15.5 %	✓	0.0500944 ± 0.0000890	0.00003731 ± 0.00000083	0.0045
16D03046	18.5 %	✓	0.0498300 ± 0.0000888	0.00004924 ± 0.00000096	0.0060
16D03047	21.5 %	✓	0.0498315 ± 0.0001069	0.00004874 ± 0.00000124	0.0109
16D03049	24.5 %		0.0496227 ± 0.0001988	0.00005028 ± 0.00000219	0.0228

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	**330.71 ± 33.34**	19.72591 ± 0.01598	**61.50 ± 0.20**	1.30
Clustered Points	**± 10.08%**	± 0.08%	**± 0.32%**	20%
			Full External Error ± 1.39	
			Analytical Error ± 0.05	

Statistics				
	2σ Confidence Limit	1.76	Convergence	0.0001274891
	Error Magnification	1.1388	Number of Iterations	2
	Number of Data Points	16	Calculated Line	Weighted York-2
	Spreading Factor	1.7%		

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
16D02997	1.0 %		0.0164085	2.45	0.0000000	0.00	0.0005766	2.47	0.0000016	89.66	2.16518	2.46	0.0030667	2.45	0.0000000	0.00	0.743570	0.18	0.0001555	13.05	0.0267018	89.67	61.8045	0.09	0.0014628	2.79	1206.589	0.03	4.84870	2.45	0.0000000	0.00	0.236279	2.66
16D02999	1.4 %		0.0202647	2.12	0.0000000	0.00	0.0010638	1.42	0.0000025	56.97	3.99472	1.42	0.0037875	2.12	0.0000000	0.00	1.529972	0.18	0.0002868	12.90	0.0413235	56.98	127.1691	0.08	0.0026988	1.94	2465.226	0.01	5.98823	2.12	0.0000000	0.00	0.486168	2.66
16D03000	1.8 %		0.0148858	3.13	0.0000000	0.00	0.0013200	1.16	0.0000021	70.78	4.95674	1.15	0.0027822	3.13	0.0000000	0.00	2.109429	0.18	0.0003559	12.87	0.0346038	70.79	175.3328	0.08	0.0033488	1.75	3406.876	0.01	4.39875	3.13	0.0000000	0.00	0.670297	2.66
16D03002	1.9 %		0.0088063	4.99	0.0000000	0.00	0.0010599	1.38	0.0000012	120.04	3.98004	1.37	0.0016459	4.99	0.0000000	0.00	1.809738	0.18	0.0002858	12.89	0.0197694	120.04	150.4229	0.08	0.0026889	1.90	2931.450	0.01	2.60227	4.99	0.0000000	0.00	0.575067	2.66
16D03003	2.0 %		0.0076538	5.50	0.0000000	0.00	0.0013001	1.10	0.0000026	56.91	4.88217	1.09	0.0014305	5.50	0.0000000	0.00	2.130743	0.18	0.0003505	12.87	0.0436956	56.92	177.1044	0.08	0.0032984	1.71	3444.489	0.01	2.26170	5.50	0.0000000	0.00	0.677070	2.66
16D03004	2.1 %		0.0047706	8.53	0.0000000	0.00	0.0007556	2.00	0.0000000	0.00	2.83747	2.00	0.0008916	8.53	0.0000000	0.00	1.419044	0.18	0.0002037	12.97	0.0000000	0.00	117.9490	0.08	0.0019170	2.39	2306.872	0.01	1.40971	8.53	0.0000000	0.00	0.450919	2.66
16D03006	2.2 %		0.0035572	10.73	0.0000000	0.00	0.0008025	1.76	0.0000018	75.32	3.01361	1.75	0.0006648	10.73	0.0000000	0.00	1.449722	0.18	0.0002164	12.94	0.0308777	75.32	120.4988	0.08	0.0020360	2.19	2354.115	0.01	1.05115	10.73	0.0000000	0.00	0.460667	2.66
16D03007	2.3 %		0.0048424	9.01	0.0000000	0.00	0.0008797	1.60	0.0000034	42.20	3.30341	1.59	0.0009051	9.01	0.0000000	0.00	1.520987	0.18	0.0002372	12.92	0.0573274	42.21	126.4224	0.08	0.0022318	2.07	2466.763	0.01	1.43094	9.01	0.0000000	0.00	0.483313	2.66
16D03008	2.4 %		0.0055481	7.05	0.0000000	0.00	0.0013068	1.12	0.0000084	16.78	4.90739	1.11	0.0010369	7.05	0.0000000	0.00	1.938658	0.18	0.0003524	12.87	0.1414551	16.81	161.1386	0.08	0.0033154	1.72	3125.388	0.01	1.63948	7.05	0.0000000	0.00	0.616033	2.66
16D03010	2.5 %		0.0035615	11.81	0.0000000	0.00	0.0010371	1.35	0.0000048	30.21	3.89438	1.34	0.0006657	11.81	0.0000000	0.00	1.636283	0.18	0.0002796	12.89	0.0801112	30.23	136.0056	0.08	0.0026310	1.88	2647.538	0.01	1.05244	11.81	0.0000000	0.00	0.519949	2.66
16D03011	2.6 %		0.0041887	9.13	0.0000000	0.00	0.0009491	1.55	0.0000050	28.03	3.56401	1.54	0.0007829	9.13	0.0000000	0.00	1.478813	0.18	0.0002559	12.91	0.0845862	28.05	122.9169	0.08	0.0024078	2.03	2395.562	0.01	1.23777	9.13	0.0000000	0.00	0.469911	2.66
16D03012	2.7 %		0.0054949	7.81	0.0000000	0.00	0.0012000	1.22	0.0000088	16.69	4.50616	1.21	0.0010270	7.81	0.0000000	0.00	1.641938	0.18	0.0003235	12.88	0.1475129	16.71	136.4756	0.08	0.0030444	1.79	2646.924	0.01	1.62373	7.81	0.0000000	0.00	0.521746	2.66
16D03014	2.8 %		0.0039100	9.95	0.0000000	0.00	0.0009694	1.47	0.0000061	23.50	3.64008	1.46	0.0007308	9.95	0.0000000	0.00	1.382142	0.18	0.0002614	12.90	0.1026749	23.51	114.8817	0.08	0.0024592	1.97	2238.690	0.01	1.15542	9.95	0.0000000	0.00	0.439193	2.66
16D03015	2.9 %		0.0024915	14.68	0.0000000	0.00	0.0005122	2.92	0.0000017	85.29	1.92353	2.91	0.0004657	14.68	0.0000000	0.00	0.910300	0.18	0.0001381	13.15	0.0279533	85.30	75.6629	0.08	0.0012995	3.20	1483.623	0.02	0.73623	14.68	0.0000000	0.00	0.289259	2.66
16D03016	3.0 %		0.0041559	9.24	0.0000000	0.00	0.0012453	1.16	0.0000113	12.43	4.67622	1.15	0.0007767	9.24	0.0000000	0.00	1.371400	0.18	0.0003358	12.87	0.1888417	12.46	113.9888	0.08	0.0031593	1.75	2204.680	0.01	1.22807	9.24	0.0000000	0.00	0.435779	2.66
16D03018	3.2 %		0.0029276	14.35	0.0000000	0.00	0.0011258	1.32	0.0000102	13.99	4.22763	1.31	0.0005472	14.35	0.0000000	0.00	1.297856	0.18	0.0003035	12.89	0.1707954	14.02	107.8760	0.08	0.0028562	1.86	2101.465	0.02	0.86509	14.35	0.0000000	0.00	0.412410	2.66
16D03019	3.4 %		0.0030017	11.05	0.0000000	0.00	0.0006150	2.53	0.0000027	57.05	2.30935	2.53	0.0005610	11.05	0.0000000	0.00	0.924015	0.18	0.0001658	13.07	0.0445356	57.06	76.8029	0.08	0.0015602	2.85	1504.688	0.02	0.88699	11.05	0.0000000	0.00	0.293617	2.66
16D03020	3.6 %		0.0049543	8.33	0.0000000	0.00	0.0016960	0.89	0.0000170	8.01	6.36865	0.88	0.0009260	8.33	0.0000000	0.00	1.604704	0.18	0.0004573	12.85	0.2842899	8.06	133.3807	0.08	0.0043027	1.59	2590.190	0.01	1.46401	8.33	0.0000000	0.00	0.509915	2.66
16D03022	3.8 %		0.0054324	6.85	0.0000000	0.00	0.0010403	1.42	0.0000045	31.67	3.90632	1.41	0.0010153	6.85	0.0000000	0.00	1.383861	0.18	0.0002805	12.90	0.0759905	31.68	115.0246	0.08	0.0026391	1.93	2255.325	0.01	1.60526	6.85	0.0000000	0.00	0.439739	2.66
16D03023	4.0 %		0.0025116	13.69	0.0000000	0.00	0.0004800	3.00	0.0000006	236.92	1.80257	2.99	0.0004694	13.69	0.0000000	0.00	0.858437	0.18	0.0001294	13.16	0.0101235	236.92	71.3521	0.09	0.0012178	3.27	1405.503	0.02	0.74219	13.69	0.0000000	0.00	0.272779	2.66
16D03024	4.3 %		0.0045475	8.28	0.0000000	0.00	0.0009932	1.58	0.0000041	35.34	3.72976	1.57	0.0008499	8.28	0.0000000	0.00	1.355735	0.18	0.0002678	12.92	0.0679431	35.35	112.6868	0.08	0.0025198	2.05	2213.634	0.01	1.34378	8.28	0.0000000	0.00	0.430802	2.66
16D03026	4.6 %		0.0054378	6.67	0.0000000	0.00	0.0008372	1.73	0.0000026	58.09	3.14387	1.72	0.0010163	6.67	0.0000000	0.00	1.266748	0.18	0.0002257	12.94	0.0439203	58.10	105.2903	0.08	0.0021240	2.17	2073.769	0.02	1.60688	6.67	0.0000000	0.00	0.402525	2.66
16D03027	4.9 %	✓	0.0023209	13.95	0.0000000	0.00	0.0003186	4.53	0.0000000	0.00	1.19635	4.53	0.0004338	13.95	0.0000000	0.00	0.650920	0.18	0.0000859	13.60	0.0000000	0.00	54.1036	0.09	0.0008083	4.72	1067.184	0.03	0.68583	13.95	0.0000000	0.00	0.206838	2.66
16D03028	5.2 %	✓	0.0047788	7.37	0.0000000	0.00	0.0005649	2.53	0.0000006	234.03	2.12131	2.52	0.0008932	7.37	0.0000000	0.00	0.932547	0.18	0.0001523	13.07	0.0100710	234.03	77.5120	0.08	0.0014332	2.85	1527.971	0.02	1.41214	7.37	0.0000000	0.00	0.296328	2.66
16D03030	5.5 %	✓	0.0016331	18.76	0.0000000	0.00	0.0003269	4.40	0.0000002	725.96	1.22772	4.40	0.0003052	18.76	0.0000000	0.00	0.614928	0.18	0.0000882	13.55	0.0032456	725.96	51.1120	0.09	0.0008294	4.59	1009.676	0.03	0.48257	18.76	0.0000000	0.00	0.195401	2.66
16D03031	5.8 %	✓	0.0033716	9.54	0.0000000	0.00	0.0003483	4.28	0.0000009	164.32	1.30809	4.28	0.0006301	9.54	0.0000000	0.00	0.581158	0.19	0.0000939	13.52	0.0149211	164.33	48.3051	0.09	0.0008837	4.48	953.699	0.03	0.99630	9.54	0.0000000	0.00	0.184670	2.66
16D03032	6.2 %	✓	0.0016854	18.00	0.0000000	0.00	0.0001943	7.89	0.0000000	0.00	0.72957	7.89	0.0003150	18.00	0.0000000	0.00	0.388226	0.19	0.0000524	15.05	0.0000000	0.00	32.2688	0.11	0.0004929	8.00	637.314	0.05	0.49803	18.00	0.0000000	0.00	0.123364	2.66
16D03034	6.6 %	✓	0.0036010	9.14	0.0000000	0.00	0.0003193	4.52	0.0000000	0.00	1.19907	4.52	0.0006730	9.14	0.0000000	0.00	0.422387	0.19	0.0000861	13.59	0.0000000	0.00	35.1082	0.10	0.0008101	4.71	692.907	0.05	1.06409	9.14	0.0000000	0.00	0.134219	2.66
16D03035	7.0 %	✓	0.0040353	7.98	0.0000000	0.00	0.0003746	3.82	0.0000000	0.00	1.40656	3.82	0.0007542	7.98	0.0000000	0.00	0.440633	0.19	0.0001010	13.38	0.0000000	0.00	36.6248	0.10	0.0009503	4.04	722.008	0.04	1.19244	7.98	0.0000000	0.00	0.140017	2.66
16D03036	7.6 %	✓	0.0036549	9.29	0.0000000	0.00	0.0003289	4.33	0.0000020	73.63	1.23497	4.33	0.0006831	9.29	0.0000000	0.00	0.393892	0.19	0.0000887	13.53	0.0337493	73.63	32.7398	0.11	0.0008343	4.53	646.930	0.05	1.08003	9.29	0.0000000	0.00	0.125164	2.66
16D03038	8.3 %	✓	0.0053360	5.86	0.0000000	0.00	0.0004420	3.33	0.0000002	682.46	1.65979	3.33	0.0009973	5.86	0.0000000	0.00	0.428485	0.19	0.0001192	13.24	0.0033839	682.46	35.6151	0.10	0.0011214	3.58	703.407	0.04	1.57680	5.86	0.0000000	0.00	0.136156	2.66
16D03039	9.0 %	✓	0.0068885	4.73	0.0000000	0.00	0.0003556	4.23	0.0000021	72.15	1.33523	4.23	0.0012875	4.73	0.0000000	0.00	0.413229	0.19	0.0000959	13.50	0.0347584	72.15	34.3470	0.11	0.0009021	4.43	675.699	0.05	2.03554	4.73	0.0000000	0.00	0.131309	2.66
16D03040	9.8 %	✓	0.0079443	3.78	0.0000000	0.00	0.0003298	4.29	0.0000019	78.24	1.23847	4.29	0.0014848	3.78	0.0000000	0.00	0.400629	0.19	0.0000889	13.52	0.0319524	78.24	33.2997	0.10	0.0008367	4.49	656.913	0.05	2.34755	3.78	0.0000000	0.00	0.127305	2.66
16D03042	11.0 %	✓	0.0175358	2.22	0.0000000	0.00	0.0004396	3.39	0.0000000	0.00	1.65081	3.39	0.0032774	2.22	0.0000000	0.00	0.483041	0.19	0.0001185	13.26	0.0000000	0.00	40.1497	0.10	0.0011153	3.64	791.699	0.04	5.18182	2.22	0.0000000	0.00	0.153492	2.66
16D03043	13.0 %	✓	0.0340687	1.43	0.0000000	0.00	0.0006132	2.28	0.0000011	140.95	2.30253	2.27	0.0063674	1.43	0.0000000	0.00	0.688635	0.18	0.0001653	13.02	0.0178614	140.95	57.2384	0.09	0.0015556	2.63	1129.347	0.03	10.06730	1.43	0.0000000	0.00	0.218822	2.66
16D03044	15.5 %	✓	0.0530196	1.11	0.0000000	0.00	0.0007048	1.99	0.0000014	102.03	2.64659	1.99	0.0099094	1.11	0.0000000	0.00	0.856393	0.18	0.0001900	12.97	0.0231566	102.03	71.1822	0.09	0.0017880	2.39	1405.292	0.02	15.66728	1.11	0.0000000	0.00	0.272129	2.66
16D03046	18.5 %	✓	0.0641464	0.98	0.0000000	0.00	0.0005159	2.80	0.0000021	72.56	1.93730	2.79	0.0119890	0.98	0.0000000	0.00	0.780976	0.18	0.0001391	13.12	0.0344852	72.56	64.9136	0.09	0.0013088	3.09	1283.746	0.03	18.95527	0.98	0.0000000	0.00	0.248165	2.66
16D03047	21.5 %	✓	0.0375032	1.27	0.0000000	0.00	0.0002820	5.30	0.0000000	######	1.05893	5.29	0.0070093	1.27	0.0000000	0.00	0.461290	0.19	0.0000760	13.87	0.0007898	######	38.3418	0.10	0.0007154	5.46	758.346	0.04	11.08219	1.27	0.0000000	0.00	0.146581	2.66
16D03049	24.5 %		0.0148499	2.17	0.0000000	0.00	0.0001097	12.83	0.0000033	45.30	0.41204	12.83	0.0027754	2.17	0.0000000	0.00	0.176321	0.24	0.0000296	18.13	0.0548277	45.31	14.6556	0.17	0.0002784	12.89	290.952	0.11	4.38814	2.17	0.0000000	0.00	0.056028	2.67
		Σ	0.4057262	0.61	0.0000000	0.00	0.0283339	0.32	0.0001188	6.99	106.39859	0.32	0.0758302	0.61	0.0000000	0.00	40.877785	0.03	0.0076394	2.34	1.9882353	6.99	3397.7047	0.01	0.0718829	0.40	66422.452	0.00	119.89210	0.61	0.0000000	0.00	12.989425	0.48
		Σ							0.4341790	0.57	106.39859	0.32									42.949490	0.32			3397.7766	0.01							66555.333	0.00

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
16D02997	1.0 %		19.604480	0.017646	0.035032	0.000864	0.000275	0.000006	36.613	2.066077	1.00025926	5.816E-11
16D02999	1.4 %		19.435917	0.015707	0.031412	0.000446	0.000168	0.000003	36.632	2.066843	1.00025939	1.186E-10
16D03000	1.8 %		19.459453	0.015367	0.028270	0.000325	0.000092	0.000003	36.642	2.067268	1.00025946	1.638E-10
16D03002	1.9 %		19.508833	0.015556	0.026459	0.000362	0.000066	0.000003	36.661	2.068034	1.00025960	1.409E-10
16D03003	2.0 %		19.465147	0.015402	0.027566	0.000301	0.000051	0.000002	36.671	2.068431	1.00025967	1.655E-10
16D03004	2.1 %		19.573674	0.015857	0.024056	0.000481	0.000047	0.000003	36.681	2.068856	1.00025974	1.108E-10
16D03006	2.2 %		19.548624	0.015908	0.025009	0.000438	0.000036	0.000003	36.700	2.069623	1.00025987	1.131E-10
16D03007	2.3 %		19.526878	0.015829	0.026129	0.000417	0.000045	0.000003	36.710	2.070020	1.00025994	1.185E-10
16D03008	2.4 %		19.409257	0.015408	0.030454	0.000338	0.000043	0.000002	36.719	2.070418	1.00026001	1.501E-10
16D03010	2.5 %		19.477572	0.015663	0.028633	0.000385	0.000034	0.000003	36.737	2.071156	1.00026014	1.272E-10
16D03011	2.6 %		19.502793	0.015699	0.028995	0.000447	0.000042	0.000003	36.747	2.071526	1.00026020	1.151E-10
16D03012	2.7 %		19.410145	0.015602	0.033017	0.000401	0.000049	0.000003	36.756	2.071924	1.00026027	1.272E-10
16D03014	2.8 %		19.500371	0.015873	0.031685	0.000464	0.000043	0.000003	36.774	2.072663	1.00026040	1.075E-10
16D03015	2.9 %		19.621559	0.017123	0.025422	0.000741	0.000040	0.000005	36.783	2.073032	1.00026046	7.126E-11
16D03016	3.0 %		19.355249	0.015826	0.041022	0.000475	0.000047	0.000003	36.792	2.073402	1.00026052	1.059E-10
16D03018	3.2 %		19.491707	0.015985	0.039189	0.000516	0.000038	0.000004	36.810	2.074113	1.00026065	1.009E-10
16D03019	3.4 %		19.606535	0.016896	0.030068	0.000760	0.000047	0.000004	36.819	2.074483	1.00026071	7.228E-11
16D03020	3.6 %		19.433696	0.015595	0.047746	0.000421	0.000050	0.000003	36.827	2.074824	1.00026077	1.244E-10
16D03022	3.8 %		19.624653	0.015965	0.033960	0.000479	0.000056	0.000003	36.844	2.075536	1.00026089	1.084E-10
16D03023	4.0 %		19.712039	0.017293	0.025263	0.000756	0.000042	0.000005	36.853	2.075878	1.00026095	6.751E-11
16D03024	4.3 %		19.659428	0.016063	0.033098	0.000522	0.000049	0.000003	36.862	2.076248	1.00026101	1.063E-10
16D03026	4.6 %		19.714409	0.016171	0.029858	0.000515	0.000060	0.000003	36.879	2.076960	1.00026114	9.964E-11
16D03027	4.9 %	✓	19.741040	0.018492	0.022112	0.001002	0.000049	0.000006	36.887	2.077302	1.00026119	5.127E-11
16D03028	5.2 %	✓	19.734380	0.017013	0.027367	0.000690	0.000069	0.000005	36.896	2.077644	1.00026125	7.342E-11
16D03030	5.5 %	✓	19.767137	0.018804	0.024020	0.001056	0.000038	0.000006	36.913	2.078356	1.00026138	4.850E-11
16D03031	5.8 %	✓	19.767337	0.019457	0.027079	0.001159	0.000077	0.000007	36.922	2.078727	1.00026144	4.583E-11
16D03032	6.2 %	✓	19.769131	0.022890	0.022609	0.001784	0.000058	0.000009	36.931	2.079069	1.00026150	3.062E-11
16D03034	6.6 %	✓	19.769989	0.021951	0.034153	0.001544	0.000112	0.000009	36.948	2.079782	1.00026162	3.332E-11
16D03035	7.0 %	✓	19.749520	0.021426	0.038404	0.001466	0.000120	0.000009	36.956	2.080125	1.00026168	3.472E-11
16D03036	7.6 %	✓	19.796055	0.023116	0.037720	0.001634	0.000122	0.000010	36.965	2.080496	1.00026174	3.111E-11
16D03038	8.3 %	✓	19.797731	0.022183	0.046602	0.001552	0.000162	0.000009	36.983	2.081209	1.00026187	3.385E-11
16D03039	9.0 %	✓	19.735281	0.022733	0.038874	0.001643	0.000211	0.000009	36.991	2.081552	1.00026192	3.254E-11
16D03040	9.8 %	✓	19.801106	0.022580	0.037191	0.001595	0.000249	0.000009	37.000	2.081923	1.00026199	3.165E-11
16D03042	11.0 %	✓	19.851014	0.021110	0.041115	0.001395	0.000448	0.000010	37.017	2.082637	1.00026211	3.826E-11
16D03043	13.0 %	✓	19.909738	0.018229	0.040226	0.000914	0.000606	0.000008	37.026	2.082980	1.00026217	5.470E-11
16D03044	15.5 %	✓	19.965618	0.017743	0.037180	0.000739	0.000755	0.000008	37.035	2.083351	1.00026223	6.822E-11
16D03046	18.5 %	✓	20.071639	0.017881	0.029844	0.000834	0.000996	0.000010	37.052	2.084066	1.00026236	6.254E-11
16D03047	21.5 %	✓	20.071078	0.021519	0.027618	0.001463	0.000985	0.000013	37.061	2.084438	1.00026242	3.694E-11
16D03049	24.5 %		20.155499	0.040373	0.028115	0.003606	0.001021	0.000022	37.079	2.085181	1.00026255	1.418E-11

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
16D02997	1.0 %	0.0064956 ± 0.0001784	0.0293220 ± 0.0178649	0.0276939 ± 0.0166212	0.0240376 ± 0.0158056	2.0295394 ± 0.2928298
16D02999	1.4 %	0.0064004 ± 0.0001784	0.0250112 ± 0.0178649	0.0199768 ± 0.0166212	0.0254439 ± 0.0158056	2.0592876 ± 0.2928298
16D03000	1.8 %	0.0063741 ± 0.0001784	0.0236273 ± 0.0178649	0.0169647 ± 0.0166212	0.0257996 ± 0.0158056	2.0719622 ± 0.2928298
16D03002	1.9 %	0.0063648 ± 0.0001784	0.0226105 ± 0.0178649	0.0134486 ± 0.0166212	0.0258147 ± 0.0158056	2.0900174 ± 0.2928298
16D03003	2.0 %	0.0063753 ± 0.0001784	0.0226976 ± 0.0178649	0.0124419 ± 0.0166212	0.0255591 ± 0.0158056	2.0977995 ± 0.2928298
16D03004	2.1 %	0.0063956 ± 0.0001784	0.0231631 ± 0.0178649	0.0118768 ± 0.0166212	0.0251224 ± 0.0158056	2.1055271 ± 0.2928298
16D03006	2.2 %	0.0064491 ± 0.0001784	0.0247467 ± 0.0178649	0.0119478 ± 0.0166212	0.0239975 ± 0.0158056	2.1192483 ± 0.2928298
16D03007	2.3 %	0.0064824 ± 0.0001784	0.0258402 ± 0.0178649	0.0124180 ± 0.0166212	0.0232819 ± 0.0158056	2.1269234 ± 0.2928298
16D03008	2.4 %	0.0065179 ± 0.0001784	0.0270548 ± 0.0178649	0.0131120 ± 0.0166212	0.0224993 ± 0.0158056	2.1353849 ± 0.2928298
16D03010	2.5 %	0.0065850 ± 0.0001784	0.0294798 ± 0.0178649	0.0148260 ± 0.0166212	0.0209203 ± 0.0158056	2.1541274 ± 0.2928298
16D03011	2.6 %	0.0066175 ± 0.0001784	0.0307088 ± 0.0178649	0.0158175 ± 0.0166212	0.0200911 ± 0.0158056	2.1653823 ± 0.2928298
16D03012	2.7 %	0.0066505 ± 0.0001784	0.0320002 ± 0.0178649	0.0169370 ± 0.0166212	0.0191820 ± 0.0158056	2.1791787 ± 0.2928298
16D03014	2.8 %	0.0067036 ± 0.0001784	0.0342048 ± 0.0178649	0.0190437 ± 0.0166212	0.0174781 ± 0.0158056	2.2100530 ± 0.2928298
16D03015	2.9 %	0.0067251 ± 0.0001784	0.0351678 ± 0.0178649	0.0200623 ± 0.0166212	0.0166292 ± 0.0158056	2.2283209 ± 0.2928298
16D03016	3.0 %	0.0067427 ± 0.0001784	0.0360129 ± 0.0178649	0.0210310 ± 0.0166212	0.0157870 ± 0.0158056	2.2486250 ± 0.2928298
16D03018	3.2 %	0.0067645 ± 0.0001784	0.0372515 ± 0.0178649	0.0226969 ± 0.0166212	0.0141924 ± 0.0158056	2.2937145 ± 0.2928298
16D03019	3.4 %	0.0067691 ± 0.0001784	0.0376718 ± 0.0178649	0.0234378 ± 0.0166212	0.0133762 ± 0.0158056	2.3204314 ± 0.2928298
16D03020	3.6 %	0.0067692 ± 0.0001784	0.0379140 ± 0.0178649	0.0240362 ± 0.0166212	0.0126288 ± 0.0158056	2.3471327 ± 0.2928298
16D03022	3.8 %	0.0067566 ± 0.0001784	0.0379509 ± 0.0178649	0.0250047 ± 0.0166212	0.0110784 ± 0.0158056	2.4091298 ± 0.2928298
16D03023	4.0 %	0.0067445 ± 0.0001784	0.0377407 ± 0.0178649	0.0253351 ± 0.0166212	0.0103290 ± 0.0158056	2.4419516 ± 0.2928298
16D03024	4.3 %	0.0067274 ± 0.0001784	0.0373475 ± 0.0178649	0.0255984 ± 0.0166212	0.0095052 ± 0.0158056	2.4797306 ± 0.2928298
16D03026	4.6 %	0.0066837 ± 0.0001784	0.0361242 ± 0.0178649	0.0258538 ± 0.0166212	0.0078556 ± 0.0158056	2.5587341 ± 0.2928298
16D03027	4.9 %	0.0066585 ± 0.0001784	0.0353316 ± 0.0178649	0.0258772 ± 0.0166212	0.0070163 ± 0.0158056	2.5995238 ± 0.2928298
16D03028	5.2 %	0.0066310 ± 0.0001784	0.0344173 ± 0.0178649	0.0258516 ± 0.0166212	0.0061337 ± 0.0158056	2.6420889 ± 0.2928298
16D03030	5.5 %	0.0065688 ± 0.0001784	0.0321710 ± 0.0178649	0.0257045 ± 0.0166212	0.0041097 ± 0.0158056	2.7361150 ± 0.2928298
16D03031	5.8 %	0.0065352 ± 0.0001784	0.0308531 ± 0.0178649	0.0256191 ± 0.0166212	0.0029301 ± 0.0158056	2.7876356 ± 0.2928298
16D03032	6.2 %	0.0065045 ± 0.0001784	0.0295690 ± 0.0178649	0.0255639 ± 0.0166212	0.0017451 ± 0.0158056	2.8366268 ± 0.2928298
16D03034	6.6 %	0.0064445 ± 0.0001784	0.0267696 ± 0.0178649	0.0256264 ± 0.0166212	0.0010847 ± 0.0158056	2.9425300 ± 0.2928298
16D03035	7.0 %	0.0064194 ± 0.0001784	0.0254112 ± 0.0178649	0.0257966 ± 0.0166212	0.0026495 ± 0.0158056	2.9948996 ± 0.2928298
16D03036	7.6 %	0.0063963 ± 0.0001784	0.0239661 ± 0.0178649	0.0261289 ± 0.0166212	0.0045224 ± 0.0158056	3.0525046 ± 0.2928298
16D03038	8.3 %	0.0063687 ± 0.0001784	0.0213866 ± 0.0178649	0.0273489 ± 0.0166212	0.0087285 ± 0.0158056	3.1650052 ± 0.2928298
16D03039	9.0 %	0.0063655 ± 0.0001784	0.0203038 ± 0.0178649	0.0282810 ± 0.0166212	0.0110721 ± 0.0158056	3.2193912 ± 0.2928298
16D03040	9.8 %	0.0063714 ± 0.0001784	0.0192940 ± 0.0178649	0.0296040 ± 0.0166212	0.0138815 ± 0.0158056	3.2782604 ± 0.2928298
16D03042	11.0 %	0.0064154 ± 0.0001784	0.0179862 ± 0.0178649	0.0332526 ± 0.0166212	0.0201778 ± 0.0158056	3.3902737 ± 0.2928298
16D03043	13.0 %	0.0064547 ± 0.0001784	0.0177336 ± 0.0178649	0.0356144 ± 0.0166212	0.0236683 ± 0.0158056	3.4429549 ± 0.2928298
16D03044	15.5 %	0.0065128 ± 0.0001784	0.0177960 ± 0.0178649	0.0386932 ± 0.0166212	0.0278316 ± 0.0158056	3.4988225 ± 0.2928298
16D03046	18.5 %	0.0066767 ± 0.0001784	0.0190910 ± 0.0178649	0.0463649 ± 0.0166212	0.0370752 ± 0.0158056	3.6014590 ± 0.2928298
16D03047	21.5 %	0.0067930 ± 0.0001784	0.0204836 ± 0.0178649	0.0513935 ± 0.0166212	0.0425925 ± 0.0158056	3.6516148 ± 0.2928298
16D03049	24.5 %	0.0070997 ± 0.0001784	0.0250421 ± 0.0178649	0.0639374 ± 0.0166212	0.0552684 ± 0.0158056	3.7433560 ± 0.2928298

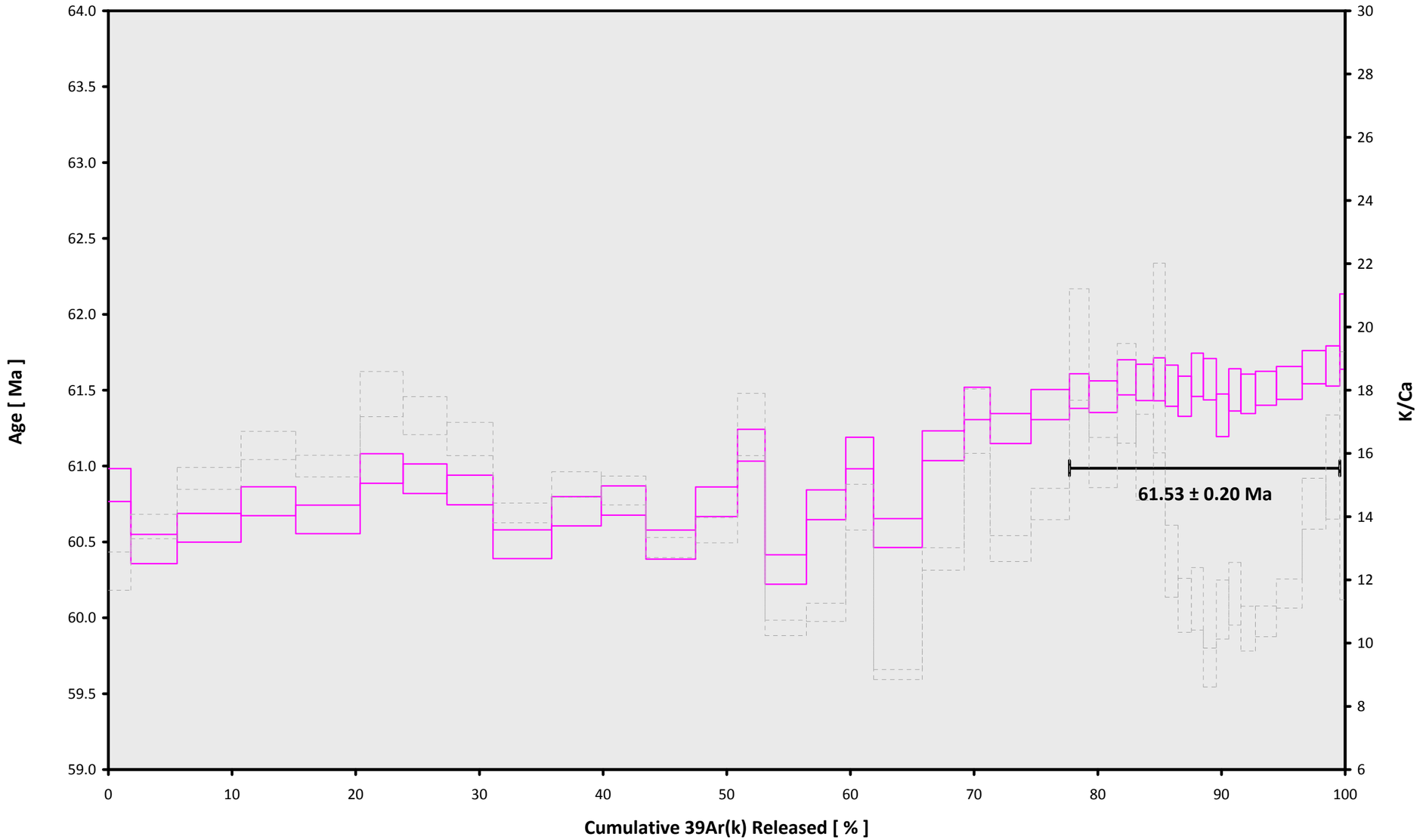
Intercept Values		36Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	37Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	38Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	39Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	40Ar ± 1σ (SE) [fA]	r2	Regression (type,n)
16D02997	1.0 %	0.0229325 ± 0.0003411	0.9330	EXP 150 of 150	0.9971063 ± 0.0177041	0.0824	EXP 150 of 150	0.7351878 ± 0.0166757	0.0585	EXP 150 of 150	61.342791 ± 0.018947	0.9978	EXP 150 of 150	1213.70397 ± 0.05833	0.9999	EXP 150 of 150
16D02999	1.4 %	0.0270410 ± 0.0003701	0.9766	EXP 150 of 150	1.8680254 ± 0.0193935	0.2322	EXP 150 of 150	1.5337778 ± 0.0158022	0.2562	EXP 150 of 150	126.242718 ± 0.023389	0.9992	EXP 150 of 150	2473.76003 ± 0.08742	0.9999	EXP 150 of 150
16D03000	1.8 %	0.0220574 ± 0.0004102	0.9837	EXP 150 of 150	2.3248153 ± 0.0192422	0.2692	EXP 150 of 150	2.1007460 ± 0.0168129	0.2750	EXP 150 of 150	174.064442 ± 0.024255	0.9996	EXP 150 of 150	3414.01746 ± 0.09766	1.0000	EXP 150 of 150
16D03002	1.9 %	0.0159128 ± 0.0003848	0.9820	EXP 150 of 150	1.8623852 ± 0.0179549	0.1809	EXP 150 of 150	1.7928620 ± 0.0159230	0.1947	EXP 150 of 150	149.330847 ± 0.023961	0.9994	EXP 150 of 150	2936.71748 ± 0.09663	1.0000	EXP 150 of 150
16D03003	2.0 %	0.0150420 ± 0.0003651	0.9878	EXP 150 of 150	2.2891123 ± 0.0167699	0.2073	EXP 150 of 150	2.1339195 ± 0.0173205	0.2143	EXP 150 of 150	175.823649 ± 0.026091	0.9995	EXP 150 of 150	3449.52586 ± 0.10529	1.0000	EXP 150 of 150
16D03004	2.1 %	0.0117430 ± 0.0003506	0.9794	EXP 150 of 150	1.3201624 ± 0.0197182	0.0405	EXP 150 of 150	1.3660763 ± 0.0160914	0.0359	EXP 150 of 150	117.087609 ± 0.021067	0.9992	EXP 150 of 150	2310.83800 ± 0.09780	0.9999	EXP 150 of 150
16D03006	2.2 %	0.0106694 ± 0.0003228	0.9823	EXP 150 of 150	1.4014380 ± 0.0170443	0.0742	EXP 150 of 150	1.4492061 ± 0.0154307	0.1633	EXP 150 of 150	119.620579 ± 0.024005	0.9991	EXP 150 of 150	2357.74566 ± 0.08393	0.9999	EXP 150 of 150
16D03007	2.3 %	0.0120227 ± 0.0003818	0.9768	EXP 149 of 150	1.5371911 ± 0.0168649	0.1036	EXP 150 of 150	1.5453682 ± 0.0167284	0.2264	EXP 150 of 150	125.502899 ± 0.024465	0.9991	EXP 150 of 150	2470.80443 ± 0.09335	0.9999	EXP 150 of 150
16D03008	2.4 %	0.0131592 ± 0.0003326	0.9885	EXP 150 of 150	2.2944674 ± 0.0174479	0.2485	EXP 150 of 150	2.0398312 ± 0.0157649	0.2852	EXP 150 of 150	159.974238 ± 0.024129	0.9995	EXP 150 of 150	3129.77931 ± 0.10533	1.0000	EXP 150 of 150
16D03010	2.5 %	0.0110394 ± 0.0003653	0.9818	EXP 150 of 150	1.8121669 ± 0.0164645	0.2021	EXP 150 of 150	1.6789512 ± 0.0166705	0.1898	EXP 150 of 150	135.020775 ± 0.024050	0.9993	EXP 150 of 150	2651.26427 ± 0.09334	0.9999	EXP 150 of 150
16D03011	2.6 %	0.0115939 ± 0.0003237	0.9839	EXP 150 of 150	1.6544053 ± 0.0183081	0.1727	EXP 150 of 150	1.5271557 ± 0.0160494	0.1808	EXP 150 of 150	122.025674 ± 0.020175	0.9994	EXP 150 of 150	2399.43489 ± 0.08097	0.9999	EXP 150 of 150
16D03012	2.7 %	0.0131372 ± 0.0003741	0.9810	EXP 150 of 150	2.0981671 ± 0.0178070	0.2070	EXP 150 of 150	1.7492936 ± 0.0171937	0.2207	EXP 150 of 150	135.489547 ± 0.023936	0.9993	EXP 150 of 150	2651.24911 ± 0.09460	0.9999	EXP 150 of 150
16D03014	2.8 %	0.0114310 ± 0.0003310	0.9801	EXP 150 of 150	1.6859310 ± 0.0171553	0.2191	EXP 150 of 150	1.4463797 ± 0.0166702	0.1673	EXP 150 of 150	114.050280 ± 0.022013	0.9991	EXP 150 of 150	2242.49474 ± 0.07858	0.9999	EXP 150 of 150
16D03015	2.9 %	0.0096333 ± 0.0003053	0.9716	EXP 150 of 150	0.8736407 ± 0.0194150	0.0309	EXP 150 of 150	0.9059133 ± 0.0164894	0.0498	EXP 149 of 150	75.109812 ± 0.022307	0.9979	EXP 150 of 150	1486.87727 ± 0.07322	0.9999	EXP 150 of 150
16D03016	3.0 %	0.0119800 ± 0.0003251	0.9810	EXP 150 of 150	2.1729654 ± 0.0172879	0.3108	EXP 150 of 150	1.5189005 ± 0.0156490	0.1168	EXP 150 of 150	113.166090 ± 0.023233	0.9990	EXP 150 of 150	2208.59222 ± 0.08642	0.9999	EXP 150 of 150
16D03018	3.2 %	0.0106966 ± 0.0003648	0.9740	EXP 150 of 150	1.9591361 ± 0.0185045	0.2206	EXP 150 of 150	1.4266430 ± 0.0163253	0.1699	EXP 150 of 150	107.097958 ± 0.021983	0.9990	EXP 150 of 150	2105.03654 ± 0.07984	0.9999	EXP 150 of 150
16D03019	3.4 %	0.0102713 ± 0.0002661	0.9772	EXP 150 of 150	1.0526641 ± 0.0207951	0.0610	EXP 150 of 150	0.9325411 ± 0.0186182	0.0324	EXP 149 of 150	76.245215 ± 0.020421	0.9983	EXP 150 of 150	1508.18942 ± 0.07263	0.9999	EXP 150 of 150
16D03020	3.6 %	0.0132207 ± 0.0003565	0.9816	EXP 150 of 150	2.9684834 ± 0.0178604	0.4655	EXP 150 of 150	1.8404038 ± 0.0143321	0.3113	EXP 149 of 150	132.424426 ± 0.022195	0.9993	EXP 150 of 150	2594.51138 ± 0.08598	1.0000	EXP 150 of 150
16D03022	3.8 %	0.0130241 ± 0.0003118	0.9823	EXP 150 of 150	1.8054428 ± 0.0182477	0.1382	EXP 150 of 150	1.4160949 ± 0.0166001	0.0969	EXP 150 of 150	114.198633 ± 0.021739	0.9992	EXP 150 of 150	2259.77867 ± 0.09642	0.9999	EXP 150 of 150
16D03023	4.0 %	0.0096400 ± 0.0002803	0.9734	EXP 150 of 150	0.8127530 ± 0.0179915	0.0857	EXP 150 of 150	0.8318985 ± 0.0167090	0.0499	EXP 150 of 150	70.835812 ± 0.020826	0.9980	EXP 150 of 150	1408.96033 ± 0.06678	0.9999	EXP 150 of 150
16D03024	4.3 %	0.0120928 ± 0.0003170	0.9816	EXP 150 of 150	1.7221245 ± 0.0206720	0.1507	EXP 150 of 150	1.3796489 ± 0.0165437	0.1418	EXP 150 of 150	111.878928 ± 0.022589	0.9990	EXP 150 of 150	2217.88798 ± 0.08886	0.9999	EXP 150 of 150
16D03026	4.6 %	0.0127583 ± 0.0003011	0.9812	EXP 150 of 150	1.4464517 ± 0.0178760	0.1355	EXP 150 of 150	1.2680567 ± 0.0186483	0.1257	EXP 150 of 150	104.536243 ± 0.021167	0.9990	EXP 150 of 150	2078.33734 ± 0.07502	0.9999	EXP 150 of 150
16D03027	4.9 %	0.0092126 ± 0.0002569	0.9661	EXP 150 of 150	0.5287460 ± 0.0182237	0.0159	EXP 150 of 150	0.6151070 ± 0.0172492	0.0313	EXP 150 of 150	53.712804 ± 0.019002	0.9970	EXP 150 of 150	1070.67604 ± 0.05619	0.9999	EXP 150 of 150
16D03028	5.2 %	0.0118023 ± 0.0002897	0.9732	EXP 150 of 150	0.9656155 ± 0.0176096	0.0244	EXP 150 of 150	0.9048641 ± 0.0161007	0.0706	EXP 150 of 150	76.956353 ± 0.021031	0.9982	EXP 150 of 150	1532.32133 ± 0.06739	0.9999	EXP 150 of 150
16D03030	5.5 %	0.0084656 ± 0.0002363	0.9683	EXP 150 of 150	0.5464028 ± 0.0180402	0.0216	EXP 150 of 150	0.5843758 ± 0.0161748	0.0273	EXP 150 of 150	50.745414 ± 0.018511	0.9968	EXP 150 of 150	1013.09017 ± 0.05576	0.9998	EXP 150 of 150
16D03031	5.8 %	0.0101356 ± 0.0002543	0.9587	EXP 150 of 150	0.5854881 ± 0.0193510	0.0317	EXP 150 of 150	0.5629962 ± 0.0175081	0.0396	EXP 150 of 150	47.959693 ± 0.020109	0.9958	EXP 150 of 150	957.66801 ± 0.04913	0.9999	EXP 150 of 150
16D03032	6.2 %	0.0083233 ± 0.0002326	0.9475	EXP 150 of 150	0.3141298 ± 0.0203813	0.0009	EXP 150 of 150	0.3481317 ± 0.0175619	0.0046	EXP 150 of 150	32.038161 ± 0.017363	0.9928	EXP 150 of 150	640.77205 ± 0.04538	0.9997	EXP 150 of 150
16D03034	6.6 %	0.0102379 ± 0.0002630	0.9273	EXP 150 of 150	0.5379174 ± 0.0181670	0.0542	EXP 150 of 150	0.3883354 ± 0.0167122	0.0032	EXP 150 of 150	34.860553 ± 0.017663	0.9939	EXP 150 of 150	697.04750 ± 0.04578	0.9997	EXP 150 of 150
16D03035	7.0 %	0.0106865 ± 0.0002548	0.9417	EXP 150 of 150	0.6368826 ± 0.0178044	0.0200	EXP 150 of 150	0.4053875 ± 0.0170349	0.0031	EXP 150 of 150	36.368039 ± 0.017508	0.9944	EXP 150 of 150	726.33539 ± 0.04875	0.9998	EXP 150 of 150
16D03036	7.6 %	0.0102531 ± 0.0002753	0.9177	EXP 150 of 150	0.5574276 ± 0.0176802	0.0159	EXP 150 of 150	0.3964065 ± 0.0179794	0.0393	EXP 150 of 150	32.512426 ± 0.018687	0.9919	EXP 150 of 150	651.18773 ± 0.04442	0.9997	EXP 150 of 150
16D03038	8.3 %	0.0119599 ± 0.0002435	0.9379	EXP 150 of 150	0.7597315 ± 0.0187758	0.0143	EXP 150 of 150	0.3996956 ± 0.0155381	0.0103	EXP 150 of 150	35.371747 ± 0.019088	0.9930	EXP 150 of 150	708.28463 ± 0.04466	0.9998	EXP 150 of 150
16D03039	9.0 %	0.0133771 ± 0.0002586	0.9260	EXP 150 of 150	0.6079727 ± 0.0195793	0.0447	EXP 150 of 150	0.4149243 ± 0.0182825	0.0341	EXP 150 of 150	34.114860 ± 0.019659	0.9922	EXP 150 of 150	681.08566 ± 0.04964	0.9997	EXP 150 of 150
16D03040	9.8 %	0.0143796 ± 0.0002276	0.9405	EXP 150 of 150	0.5633451 ± 0.0173887	0.0094	EXP 149 of 150	0.3985940 ± 0.0181807	0.0342	EXP 150 of 150	33.077706 ± 0.017562	0.9931	EXP 150 of 150	662.66568 ± 0.04500	0.9997	EXP 150 of 150
16D03042	11.0 %	0.0238090 ± 0.0003265	0.9014	EXP 150 of 150	0.7583740 ± 0.0192335	0.0491	EXP 150 of 150	0.4432085 ± 0.0175434	0.0039	EXP 150 of 150	39.885572 ± 0.019817	0.9940	EXP 150 of 150	800.42442 ± 0.04882	0.9998	EXP 150 of 150
16D03043	13.0 %	0.0400151 ± 0.0004217	0.8853	EXP 150 of 150	1.0649479 ± 0.0166735	0.0500	EXP 150 of 150	0.6676322 ± 0.0183707	0.0348	EXP 150 of 150	56.856755 ± 0.018355	0.9975	EXP 150 of 150	1143.07587 ± 0.06010	0.9999	EXP 150 of 150
16D03044	15.5 %	0.0584997 ± 0.0005144	0.8610	EXP 150 of 150	1.2264472 ± 0.0167908	0.1035	EXP 150 of 150	0.8387490 ± 0.0162010	0.0898	EXP 150 of 150	70.705770 ± 0.023159	0.9975	EXP 150 of 150	1424.73046 ± 0.06563	0.9999	EXP 150 of 150
16D03046	18.5 %	0.0692483 ± 0.0005466	0.7721	EXP 150 of 150	0.8913795 ± 0.0179530	0.0208	EXP 150 of 150	0.7698695 ± 0.0181406	0.0614	EXP 150 of 150	64.490568 ± 0.019655	0.9978	EXP 150 of 150	1306.55091 ± 0.06059	0.9999	EXP 150 of 150
16D03047	21.5 %	0.0433553 ± 0.0004110	0.7927	EXP 149 of 150	0.4770930 ± 0.0193212	0.0415	EXP 150 of 150	0.4113344 ± 0.0165129	0.0029	EXP 150 of 150	38.112519 ± 0.018681	0.9943	EXP 150 of 150	773.22680 ± 0.04674	0.9998	EXP 150 of 150
16D03049	24.5 %	0.0215784 ± 0.0002514	0.8093	EXP 150 of 150	0.1685021 ± 0.0172288	0.0093	EXP 150 of 150	0.1668068 ± 0.0179775	0.0100	EXP 150 of 150	14.606947 ± 0.016274	0.9669	EXP 150 of 150	299.13962 ± 0.03129	0.9991	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
16D02997	1.0 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D02999	1.4 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03000	1.8 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03002	1.9 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03003	2.0 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03004	2.1 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03006	2.2 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03007	2.3 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03008	2.4 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03010	2.5 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03011	2.6 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03012	2.7 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03014	2.8 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03015	2.9 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03016	3.0 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03018	3.2 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03019	3.4 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03020	3.6 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03022	3.8 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03023	4.0 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03024	4.3 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03026	4.6 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03027	4.9 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03028	5.2 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03030	5.5 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03031	5.8 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03032	6.2 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03034	6.6 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03035	7.0 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03036	7.6 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03038	8.3 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03039	9.0 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03040	9.8 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03042	11.0 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03043	13.0 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03044	15.5 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03046	18.5 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03047	21.5 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	01
16D03049	24.5 %	Susan Schnur	15-OSU-07	0.00	0.00	13.50	Walvis Ridge\MV1203 (13-INT-04)	16D02996	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
16D02997	1.0 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	5	12	1
16D02999	1.4 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	5	39	1
16D03000	1.8 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	5	54	1
16D03002	1.9 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	6	21	1
16D03003	2.0 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	6	35	1
16D03004	2.1 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	6	50	1
16D03006	2.2 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	7	17	1
16D03007	2.3 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	7	31	1
16D03008	2.4 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	7	45	1
16D03010	2.5 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	8	11	1
16D03011	2.6 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	8	24	1
16D03012	2.7 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	8	38	1
16D03014	2.8 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	9	4	1
16D03015	2.9 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	9	17	1
16D03016	3.0 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	9	30	1
16D03018	3.2 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	9	55	1
16D03019	3.4 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	10	8	1
16D03020	3.6 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	10	20	1
16D03022	3.8 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	10	45	1
16D03023	4.0 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	10	57	1
16D03024	4.3 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	11	10	1
16D03026	4.6 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	11	35	1
16D03027	4.9 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	11	47	1
16D03028	5.2 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	11	59	1
16D03030	5.5 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	12	24	1
16D03031	5.8 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	12	37	1
16D03032	6.2 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	12	49	1
16D03034	6.6 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	13	14	1
16D03035	7.0 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	13	26	1
16D03036	7.6 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	13	39	1
16D03038	8.3 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	14	4	1
16D03039	9.0 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	14	16	1
16D03040	9.8 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	14	29	1
16D03042	11.0 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	14	54	1
16D03043	13.0 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	15	6	1
16D03044	15.5 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	15	19	1
16D03046	18.5 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	15	44	1
16D03047	21.5 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	15	57	1
16D03049	24.5 %	MV1203-D05-05	Groundmass	Fedallah Guyot	FCT-NM (7A7-15)	28.201	0.082	Kuiper et al (2008)	8.96245	0.159	0.00175369	0.159	303.828	0.205	0.99313858	0.077	1	4.8E-14	24	JAN	2016	16	23	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
16D02997	1.0 %	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
16D02999	1.4 %	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
16D03000	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
16D03002	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
16D03003	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
16D03004	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
16D03006	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
16D03007	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
16D03008	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
16D03010	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
16D03011	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
16D03012	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
16D03014	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
16D03015	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
16D03016	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
16D03018	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
16D03019	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
16D03020	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
16D03022	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
16D03023	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
16D03024	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
16D03026	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
16D03027	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
16D03028	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
16D03030	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
16D03031	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
16D03032	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
16D03034	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
16D03035	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
16D03036	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
16D03038	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
16D03039	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
16D03040	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
16D03042	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
16D03043	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
16D03044	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
16D03046	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
16D03047	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
16D03049	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

16D02996.AGE >>> MV1203-D05-05 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
61.53 ± 0.20
TOTAL FUSION
60.96 ± 0.19
NORMAL ISOCHRON
61.55 ± 0.20
INVERSE ISOCHRON
61.50 ± 0.20

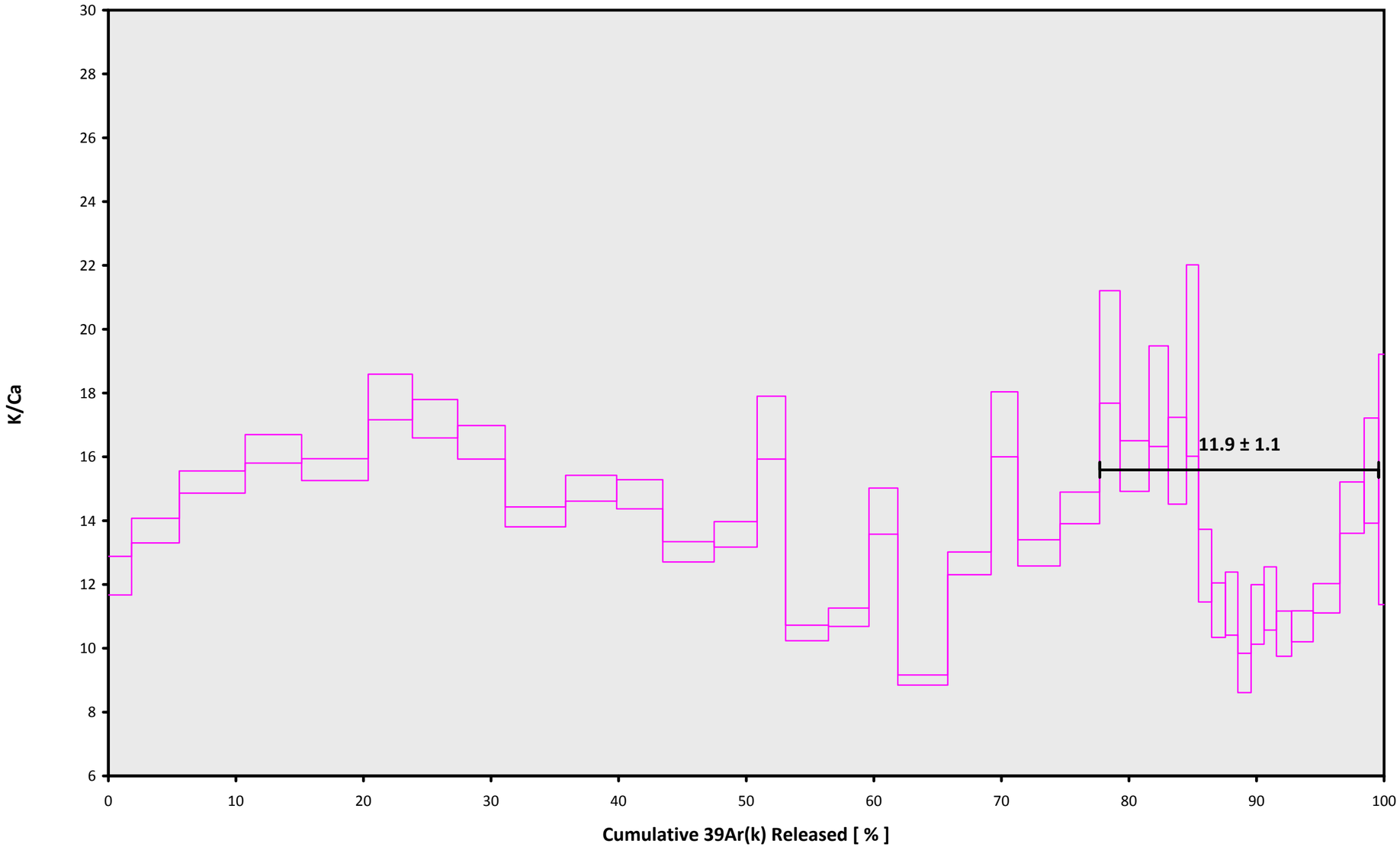
MSWD (PROBABILITY)
1.59 (7%)

Sample Info

Groundmass
Fedallah Guyot
Susan Schnur

IRR = 15-OSU-07 (7A7-15)
J = 0.00175369 ± 0.00000279

16D02996.AGE >>> MV1203-D05-05 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

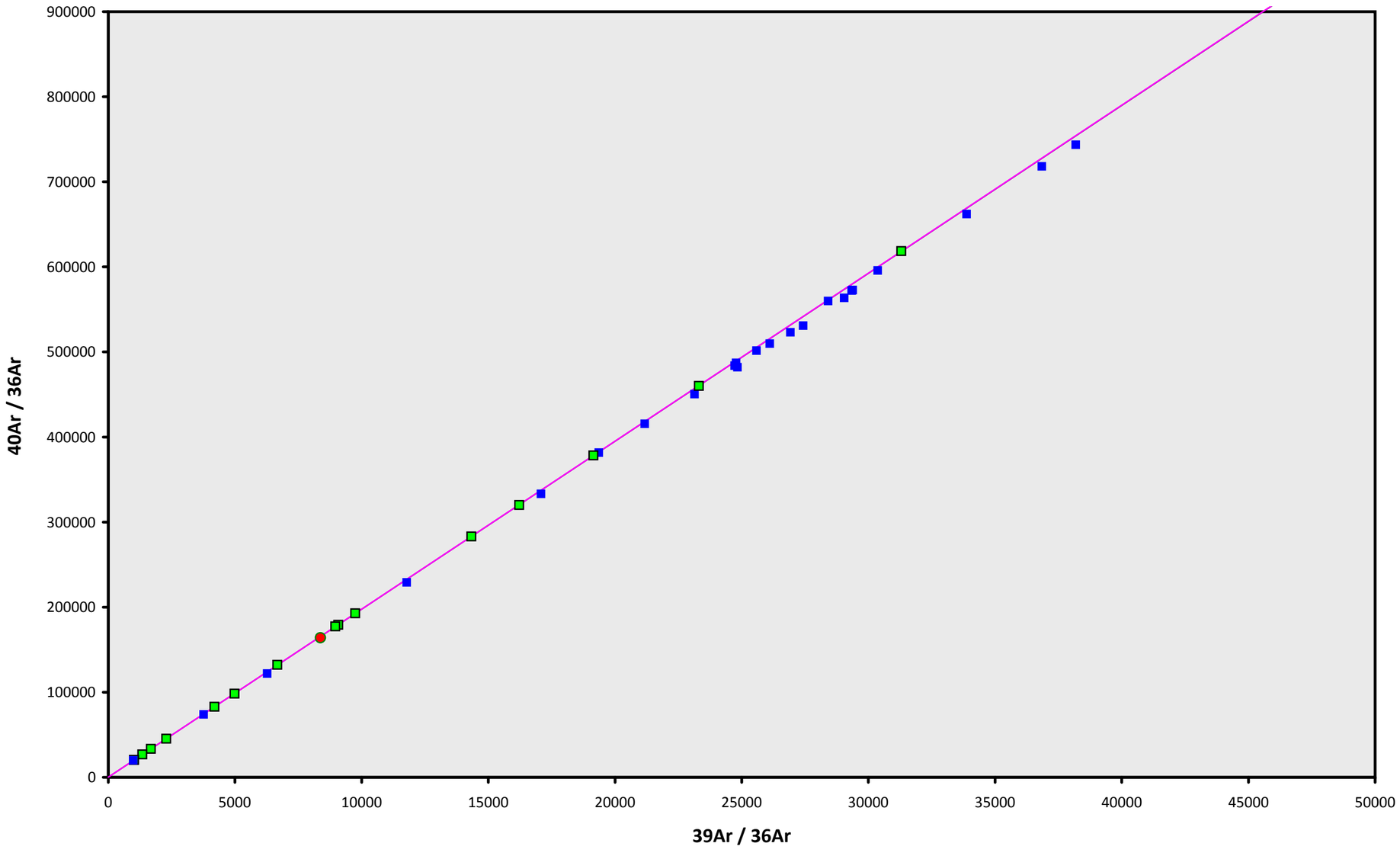
WEIGHTED PLATEAU
61.53 ± 0.20
TOTAL FUSION
60.96 ± 0.19
NORMAL ISOCHRON
61.55 ± 0.20
INVERSE ISOCHRON
61.50 ± 0.20

Sample Info

Groundmass
Fedallah Guyot
Susan Schnur

IRR = 15-OSU-07 (7A7-15)
J = 0.00175369 ± 0.00000279

16D02996.AGE >>> MV1203-D05-05 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
61.53 ± 0.20
TOTAL FUSION
60.96 ± 0.19
NORMAL ISOCHRON
61.55 ± 0.20
INVERSE ISOCHRON
61.50 ± 0.20

MSWD (PROBABILITY)
1.81 (3%)

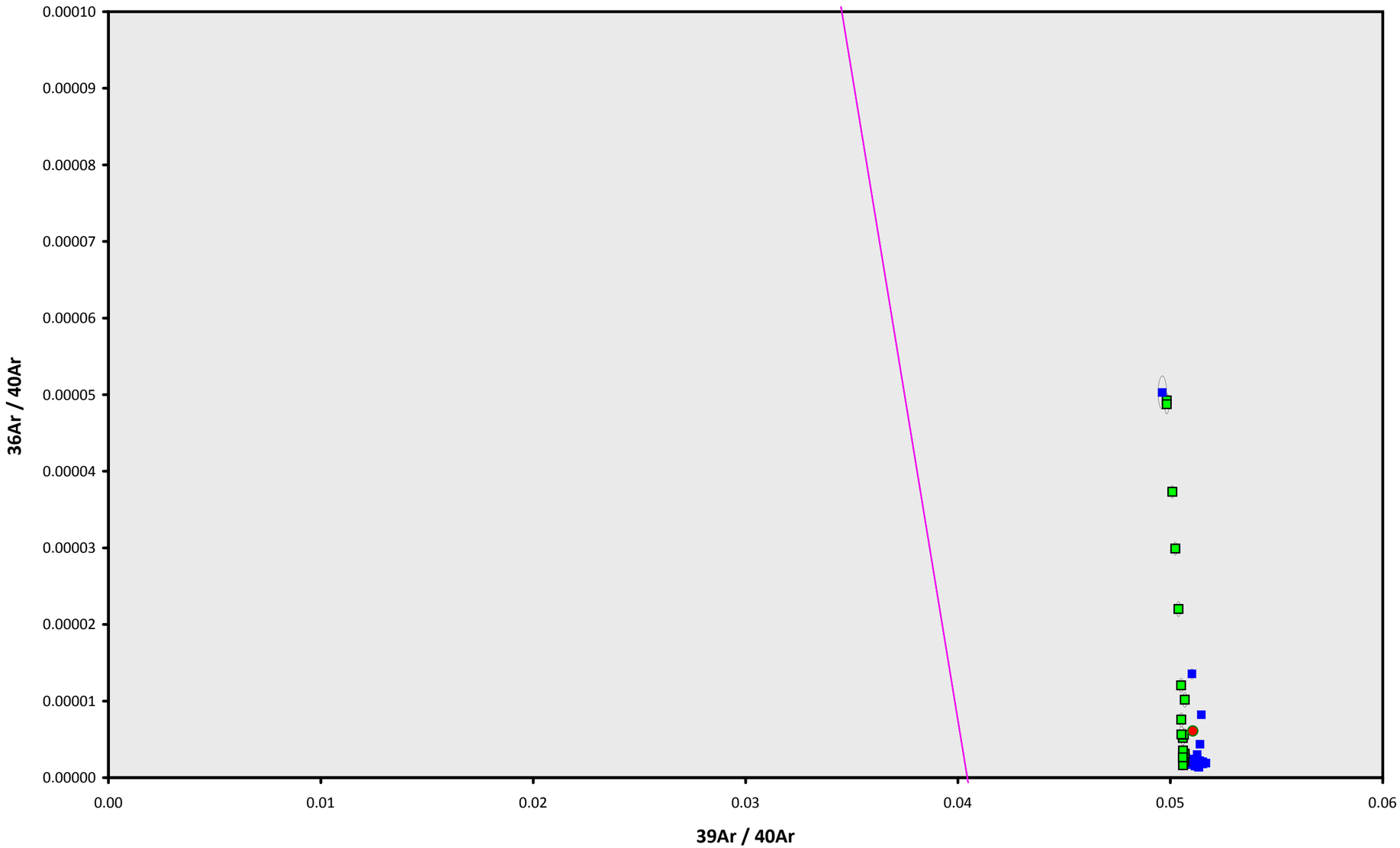
40AR/36AR INTERCEPT
303.0 ± 40.1

Sample Info

Groundmass
Fedallah Guyot
Susan Schnur

IRR = 15-OSU-07 (7A7-15)
J = 0.00175369 ± 0.00000279

16D02996.AGE >>> MV1203-D05-05 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
61.53 ± 0.20
TOTAL FUSION
60.96 ± 0.19
NORMAL ISOCHRON
61.55 ± 0.20
INVERSE ISOCHRON
61.50 ± 0.20

MSWD (PROBABILITY)
1.30 (20%)

SPREADING FACTOR
1.7%

40AR/36AR INTERCEPT
330.7 ± 33.3

Sample Info

Groundmass
Fedallah Guyot
Susan Schnur

IRR = 15-OSU-07 (7A7-15)
J = 0.00175369 ± 0.00000279