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
15D03974	1.8 %	✓	0.0480305	1.840	1.55112	106.404	0.766795	5.331	70.1834	0.098	849.527	0.038	11.90025 ± 0.02636	35.49 ± 0.08	98.31	1.38	19.46 ± 41.40
15D03976	1.9 %	✓	0.0553511	1.707	6.74165	24.863	1.319161	2.929	109.8526	0.084	1321.762	0.024	11.88475 ± 0.02152	35.44 ± 0.06	98.77	2.16	7.01 ± 3.48
15D03977	2.0 %	✓	0.0358555	2.263	4.05824	41.435	0.893026	4.686	75.2685	0.093	907.061	0.035	11.91110 ± 0.02491	35.52 ± 0.07	98.84	1.48	7.97 ± 6.61
15D03978	2.1 %	✓	0.0456953	1.911	5.35499	31.027	1.248095	3.204	108.5905	0.084	1305.808	0.025	11.90118 ± 0.02146	35.49 ± 0.06	98.97	2.13	8.72 ± 5.41
15D03980	2.2 %	✓	0.0549636	1.683	5.26323	32.913	1.502595	2.631	127.1043	0.082	1530.371	0.021	11.91226 ± 0.02084	35.52 ± 0.06	98.93	2.50	10.38 ± 6.84
15D03981	2.3 %	✓	0.0447955	1.969	6.25070	27.282	1.296125	3.176	108.2558	0.085	1300.624	0.025	11.89326 ± 0.02174	35.47 ± 0.06	98.99	2.13	7.45 ± 4.06
15D03982	2.4 %	✓	0.0816397	1.328	5.70134	28.565	1.927794	2.072	165.0584	0.079	1990.169	0.017	11.91038 ± 0.01965	35.52 ± 0.06	98.78	3.24	12.45 ± 7.11
15D03984	2.5 %	✓	0.0174679	4.417	3.13541	54.982	0.831543	4.804	69.7234	0.098	835.161	0.038	11.90424 ± 0.02625	35.50 ± 0.08	99.38	1.37	9.56 ± 10.51
15D03985	2.6 %	✓	0.0457566	2.102	5.03767	34.422	1.548920	2.630	131.3493	0.081	1577.191	0.021	11.90417 ± 0.02046	35.50 ± 0.06	99.14	2.58	11.21 ± 7.72
15D03986	2.7 %	✓	0.0652839	1.529	7.43655	22.719	1.902699	2.067	158.4261	0.079	1903.999	0.017	11.89669 ± 0.01957	35.48 ± 0.06	98.99	3.11	9.16 ± 4.16
15D03988	2.8 %	✓	0.0176614	4.520	1.21947	130.625	0.789310	5.150	69.3367	0.098	831.424	0.038	11.91355 ± 0.02627	35.53 ± 0.08	99.35	1.36	24.45 ± 63.87
15D03989	2.9 %	✓	0.0569326	1.731	5.80291	29.797	1.940150	2.146	161.4363	0.079	1938.928	0.017	11.90557 ± 0.01963	35.50 ± 0.06	99.12	3.17	11.96 ± 7.13
15D03990	3.0 %	✓	0.0412460	2.326	4.34315	36.311	1.819460	2.236	148.0902	0.079	1774.351	0.018	11.89799 ± 0.01980	35.48 ± 0.06	99.30	2.91	14.66 ± 10.65
15D03992	3.2 %	✓	0.0146244	5.277	3.68850	45.574	0.791007	4.965	65.3522	0.101	781.236	0.041	11.88919 ± 0.02707	35.45 ± 0.08	99.45	1.28	7.62 ± 6.94
15D03993	3.4 %	✓	0.0433911	2.115	3.25958	49.776	1.312780	2.970	105.3737	0.086	1266.208	0.025	11.89356 ± 0.02204	35.47 ± 0.07	98.98	2.07	13.90 ± 13.84
15D03994	3.6 %	✓	0.0811163	1.378	5.08882	34.290	1.915794	2.099	163.0575	0.078	1963.133	0.017	11.89139 ± 0.01957	35.46 ± 0.06	98.77	3.20	13.78 ± 9.45
15D03996	3.8 %	✓	0.0675337	1.419	5.99603	27.876	2.209434	1.837	176.5303	0.077	2119.975	0.015	11.89524 ± 0.01909	35.47 ± 0.06	99.05	3.47	12.66 ± 7.06
15D03997	4.0 %	✓	0.0544009	1.734	5.24158	30.613	2.056397	1.902	173.3370	0.078	2074.682	0.016	11.87512 ± 0.01926	35.41 ± 0.06	99.21	3.40	14.22 ± 8.71
15D03998	4.3 %	✓	0.0321174	2.799	3.48014	47.147	1.621657	2.430	133.9802	0.080	1601.934	0.020	11.88409 ± 0.02009	35.44 ± 0.06	99.39	2.63	16.55 ± 15.61
15D04000	4.6 %	✓	0.0506960	1.769	2.70637	62.883	1.598687	2.514	132.0457	0.081	1584.777	0.020	11.88624 ± 0.02028	35.44 ± 0.06	99.04	2.59	20.98 ± 26.39
15D04001	4.9 %		0.0808941	1.349	6.16234	26.613	2.173845	1.777	179.4475	0.077	2152.302	0.015	11.85999 ± 0.01902	35.37 ± 0.06	98.88	3.52	12.52 ± 6.66
15D04002	5.2 %		0.0582335	1.587	6.25091	27.814	1.940261	1.961	162.2244	0.078	1940.488	0.017	11.85520 ± 0.01934	35.35 ± 0.06	99.11	3.19	11.16 ± 6.21
15D04004	5.5 %		0.0421621	2.053	2.25784	76.237	1.383830	2.853	117.6807	0.083	1404.512	0.023	11.82690 ± 0.02096	35.27 ± 0.06	99.09	2.31	22.41 ± 34.17
15D04005	5.8 %		0.0774865	1.365	5.15797	32.478	1.957777	1.917	164.3339	0.078	1965.953	0.017	11.82272 ± 0.01941	35.26 ± 0.06	98.82	3.23	13.70 ± 8.90
15D04006	6.2 %		0.0663501	1.553	5.01713	34.975	1.695445	2.269	143.4821	0.080	1711.681	0.019	11.79214 ± 0.02008	35.17 ± 0.06	98.85	2.82	12.30 ± 8.60
15D04008	6.6 %		0.0534743	1.709	4.39724	38.198	1.396814	2.895	117.2613	0.083	1395.015	0.023	11.76131 ± 0.02097	35.08 ± 0.06	98.86	2.30	11.47 ± 8.76
15D04009	7.0 %		0.0895133	1.189	8.32585	20.518	2.063447	2.060	168.6379	0.078	2004.427	0.017	11.72959 ± 0.01905	34.98 ± 0.06	98.68	3.31	8.71 ± 3.57
15D04010	7.6 %		0.1199807	0.999	10.63789	16.956	2.272212	1.650	187.0944	0.077	2219.558	0.015	11.67491 ± 0.01882	34.82 ± 0.06	98.41	3.67	7.56 ± 2.56
15D04012	8.3 %		0.1609468	0.770	15.16433	11.576	2.385597	1.651	199.7131	0.077	2372.174	0.014	11.64252 ± 0.01858	34.72 ± 0.05	98.01	3.92	5.66 ± 1.31
15D04013	9.0 %		0.1887971	0.699	21.45142	8.159	2.351747	1.782	192.3563	0.076	2294.530	0.014	11.64434 ± 0.01858	34.73 ± 0.05	97.61	3.78	3.86 ± 0.63
15D04014	9.8 %		0.2241787	0.663	21.42022	8.152	2.164591	1.784	179.1100	0.078	2146.897	0.016	11.62315 ± 0.01919	34.67 ± 0.06	96.96	3.52	3.60 ± 0.59
15D04016	11.0 %		0.3368722	0.576	34.74679	4.818	2.516614	1.601	204.0112	0.077	2469.401	0.013	11.62722 ± 0.01902	34.68 ± 0.06	96.05	4.01	2.52 ± 0.24
15D04017	13.0 %		0.6519436	0.439	52.31220	3.348	3.719183	1.076	290.8188	0.075	3589.339	0.010	11.69153 ± 0.01857	34.87 ± 0.05	94.72	5.71	2.39 ± 0.16
15D04018	15.5 %		0.5582709	0.457	33.04403	5.053	2.102987	1.931	163.9760	0.078	2089.556	0.016	11.75066 ± 0.02101	35.04 ± 0.06	92.20	3.22	2.13 ± 0.22
15D04020	18.5 %		0.3778075	0.524	19.81938	8.259	1.102701	3.493	83.3928	0.092	1090.785	0.029	11.75813 ± 0.02704	35.07 ± 0.08	89.88	1.64	1.81 ± 0.30
15D04021	21.5 %		0.3074215	0.564	18.43763	9.375	0.709668	5.496	53.4613	0.113	718.856	0.044	11.77312 ± 0.03533	35.11 ± 0.10	87.54	1.05	1.25 ± 0.23
15D04023	24.5 %		0.2036854	0.697	10.04453	16.598	0.392658	9.687	31.7754	0.155	435.082	0.072	11.82179 ± 0.05005	35.25 ± 0.15	86.32	0.62	1.36 ± 0.45
Σ	4.5525777		0.168	366.00515	2.811	61.620805	0.393	5091.1293	0.014	61458.876	0.003						

Information on Analysis and Constants Used in Calculations

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D56-22**
Material = **Groundmass**
Location = **Harpooner Guyot**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **14-OSU-04 (R98)**
Position = **X: 0 | Y: 0 | Z/H: 28.57 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **9.43817 ± 0.01916**
FCT-NM J-value = **0.00166530 ± 0.00000338**
Air Shot 40Ar/36Ar = **303.4800 ± 0.5281**
Air Shot MDF = **0.99341776 ± 0.00071664 (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 = **IESS10051**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Trachyte**
Lat-Lon = **37°18.2'S - 3°49.3'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

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau		11.89684 ± 0.00478	**35.48 ± 0.14**	0.99	48.17	9.50 ± 1.52
		± 0.04%	**± 0.40%**	47%	20	
		Full External Error ± 0.81		1.65	2σ Confidence Limit	
		Analytical Error ± 0.01		1.0000	Error Magnification	
Total Fusion Age		11.80993 ± 0.00351	**35.22 ± 0.14**		37	5.98 ± 0.34
		± 0.03%	**± 0.40%**			
		Full External Error ± 0.80				
		Analytical Error ± 0.01				
Normal Isochron	**310.48 ± 48.27**	11.89119 ± 0.01892	**35.46 ± 0.15**	1.00	48.17	
	± 15.55%	± 0.16%	**± 0.43%**	45%	20	
		Full External Error ± 0.81		1.67	2σ Confidence Limit	
		Analytical Error ± 0.06		1.0005	Error Magnification	
				1	Number of Iterations	
				0.0000022408	Convergence	
Inverse Isochron	**316.79 ± 46.21**	11.88879 ± 0.01893	**35.45 ± 0.15**	1.00	48.17	
Clustered Points	**± 14.59%**	± 0.16%	**± 0.43%**	45%	20	
		Full External Error ± 0.81		1.67	2σ Confidence Limit	
		Analytical Error ± 0.06		1.0003	Error Magnification	
Notes				3	Number of Iterations	
High-T has odd bowl shape, but low T steps may be enough for an age.				0.0001153708	Convergence	
				1%	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
15D03974	1.8 %	✓	0.0476175	1.55112	0.0000000	70.1823	835.187	35.49 ± 0.08	98.31	1.38	19.46 ± 41.40
15D03976	1.9 %	✓	0.0535558	6.74165	0.0000000	109.8480	1305.516	35.44 ± 0.06	98.77	2.16	7.01 ± 3.48
15D03977	2.0 %	✓	0.0347748	4.05824	0.0000000	75.2657	896.497	35.52 ± 0.07	98.84	1.48	7.97 ± 6.61
15D03978	2.1 %	✓	0.0442693	5.35499	0.0000000	108.5869	1292.311	35.49 ± 0.06	98.97	2.13	8.72 ± 5.41
15D03980	2.2 %	✓	0.0535620	5.26323	0.0000000	127.1008	1514.058	35.52 ± 0.06	98.93	2.50	10.38 ± 6.84
15D03981	2.3 %	✓	0.0431309	6.25070	0.0000000	108.2516	1287.465	35.47 ± 0.06	98.99	2.13	7.45 ± 4.06
15D03982	2.4 %	✓	0.0801215	5.70134	0.0000000	165.0546	1965.862	35.52 ± 0.06	98.78	3.24	12.45 ± 7.11
15D03984	2.5 %	✓	0.0166330	3.13541	0.0000000	69.7213	829.980	35.50 ± 0.08	99.38	1.37	9.56 ± 10.51
15D03985	2.6 %	✓	0.0444151	5.03767	0.0000000	131.3459	1563.564	35.50 ± 0.06	99.14	2.58	11.21 ± 7.72
15D03986	2.7 %	✓	0.0633035	7.43655	0.0000000	158.4211	1884.687	35.48 ± 0.06	98.99	3.11	9.16 ± 4.16
15D03988	2.8 %	✓	0.0173366	1.21947	0.0000000	69.3359	826.036	35.53 ± 0.08	99.35	1.36	24.45 ± 63.87
15D03989	2.9 %	✓	0.0553873	5.80291	0.0000000	161.4324	1921.944	35.50 ± 0.06	99.12	3.17	11.96 ± 7.13
15D03990	3.0 %	✓	0.0400804	4.34315	0.0300188	148.0873	1761.941	35.48 ± 0.06	99.30	2.91	14.66 ± 10.65
15D03992	3.2 %	✓	0.0136416	3.68850	0.0019707	65.3497	776.955	35.45 ± 0.08	99.45	1.28	7.62 ± 6.94
15D03993	3.4 %	✓	0.0425120	3.25958	0.0368751	105.3715	1253.242	35.47 ± 0.07	98.98	2.07	13.90 ± 13.84
15D03994	3.6 %	✓	0.0797612	5.08882	0.0000000	163.0541	1938.940	35.46 ± 0.06	98.77	3.20	13.78 ± 9.45
15D03996	3.8 %	✓	0.0659151	5.99603	0.0728964	176.5263	2099.822	35.47 ± 0.06	99.05	3.47	12.66 ± 7.06
15D03997	4.0 %	✓	0.0530050	5.24158	0.0000000	173.3335	2058.356	35.41 ± 0.06	99.21	3.40	14.22 ± 8.71
15D03998	4.3 %	✓	0.0311895	3.48014	0.0036898	133.9779	1592.206	35.44 ± 0.06	99.39	2.63	16.55 ± 15.61
15D04000	4.6 %	✓	0.0499752	2.70637	0.0005332	132.0438	1569.505	35.44 ± 0.06	99.04	2.59	20.98 ± 26.39
15D04001	4.9 %		0.0792530	6.16234	0.0000000	179.4433	2128.197	35.37 ± 0.06	98.88	3.52	12.52 ± 6.66
15D04002	5.2 %		0.0565689	6.25091	0.0000000	162.2202	1923.152	35.35 ± 0.06	99.11	3.19	11.16 ± 6.21
15D04004	5.5 %		0.0415609	2.25784	0.0000000	117.6792	1391.781	35.27 ± 0.06	99.09	2.31	22.41 ± 34.17
15D04005	5.8 %		0.0761130	5.15797	0.0000000	164.3304	1942.833	35.26 ± 0.06	98.82	3.23	13.70 ± 8.90
15D04006	6.2 %		0.0650140	5.01713	0.0000000	143.4787	1691.921	35.17 ± 0.06	98.85	2.82	12.30 ± 8.60
15D04008	6.6 %		0.0523033	4.39724	0.0000000	117.2583	1379.111	35.08 ± 0.06	98.86	2.30	11.47 ± 8.76
15D04009	7.0 %		0.0872909	8.32585	0.0177186	168.6323	1977.988	34.98 ± 0.06	98.68	3.31	8.71 ± 3.57
15D04010	7.6 %		0.1171478	10.63789	0.0000000	187.0872	2184.226	34.82 ± 0.06	98.41	3.67	7.56 ± 2.56
15D04012	8.3 %		0.1569085	15.16433	0.0000000	199.7028	2325.044	34.72 ± 0.05	98.01	3.92	5.66 ± 1.31
15D04013	9.0 %		0.1830840	21.45142	0.0019241	192.3418	2239.693	34.73 ± 0.05	97.61	3.78	3.86 ± 0.63
15D04014	9.8 %		0.2184744	21.42022	0.0000000	179.0955	2081.653	34.67 ± 0.06	96.96	3.52	3.60 ± 0.59
15D04016	11.0 %		0.3276192	34.74679	0.0000000	203.9878	2371.810	34.68 ± 0.06	96.05	4.01	2.52 ± 0.24
15D04017	13.0 %		0.6379836	52.31220	0.0977721	290.7835	3399.703	34.87 ± 0.05	94.72	5.71	2.39 ± 0.16
15D04018	15.5 %		0.5494636	33.04403	0.0253932	163.9537	1926.563	35.04 ± 0.06	92.20	3.22	2.13 ± 0.22
15D04020	18.5 %		0.3725211	19.81938	0.0285161	83.3794	980.387	35.07 ± 0.08	89.88	1.64	1.81 ± 0.30
15D04021	21.5 %		0.3025089	18.43763	0.0087622	53.4488	629.260	35.11 ± 0.10	87.54	1.05	1.25 ± 0.23
15D04023	24.5 %		0.2010106	10.04453	0.0000000	31.7686	375.562	35.25 ± 0.15	86.32	0.62	1.36 ± 0.45
	Σ		4.4550128	366.00515	0.3260702	5090.8821	60122.957				

Information on Analysis

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D56-22**
Material = **Groundmass**
Location = **Harpooner Guyot**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **14-OSU-04 (R98)**
J = **0.00166530 ± 0.00000338**
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	11.89684	± 0.00478	**35.48**	**± 0.14**	0.99	48.17	9.50 ± 1.52
		± 0.04%		**± 0.40%**	47%	20	
			Full External Error	± 0.81	1.65	2σ Confidence Limit	
			Analytical Error	± 0.01	1.0000	Error Magnification	
Total Fusion Age	11.80993	± 0.00351	**35.22**	**± 0.14**		37	5.98 ± 0.34
		± 0.03%		**± 0.40%**			
			Full External Error	± 0.80			
			Analytical Error	± 0.01			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
15D03974	1.8 %	✓	1473.88 ± 61.18	17835.01 ± 739.57	0.9987
15D03976	1.9 %	✓	2051.10 ± 80.12	24672.26 ± 962.96	0.9990
15D03977	2.0 %	✓	2164.38 ± 115.43	26075.62 ± 1389.88	0.9993
15D03978	2.1 %	✓	2452.87 ± 108.54	29487.56 ± 1303.96	0.9992
15D03980	2.2 %	✓	2372.96 ± 91.66	28562.86 ± 1102.35	0.9990
15D03981	2.3 %	✓	2509.84 ± 115.54	30145.64 ± 1386.89	0.9993
15D03982	2.4 %	✓	2060.05 ± 60.12	24831.53 ± 723.69	0.9985
15D03984	2.5 %	✓	4191.76 ± 452.62	50195.20 ± 5419.26	0.9998
15D03985	2.6 %	✓	2957.24 ± 142.18	35498.96 ± 1705.80	0.9994
15D03986	2.7 %	✓	2502.56 ± 86.65	30067.73 ± 1040.04	0.9989
15D03988	2.8 %	✓	3999.39 ± 417.19	47942.39 ± 5000.23	0.9998
15D03989	2.9 %	✓	2914.61 ± 114.56	34995.61 ± 1374.49	0.9992
15D03990	3.0 %	✓	3694.75 ± 193.15	44255.60 ± 2312.55	0.9995
15D03992	3.2 %	✓	4790.48 ± 626.74	57250.49 ± 7489.41	0.9999
15D03993	3.4 %	✓	2478.63 ± 118.34	29775.21 ± 1420.81	0.9993
15D03994	3.6 %	✓	2044.28 ± 62.14	24604.83 ± 746.94	0.9986
15D03996	3.8 %	✓	2678.09 ± 85.98	32151.98 ± 1031.06	0.9988
15D03997	4.0 %	✓	3270.13 ± 127.89	39128.71 ± 1529.11	0.9992
15D03998	4.3 %	✓	4295.60 ± 275.43	51344.84 ± 3291.18	0.9997
15D04000	4.6 %	✓	2642.19 ± 106.36	31701.18 ± 1275.13	0.9991
15D04001	4.9 %		2264.18 ± 67.24	27148.69 ± 805.21	0.9986
15D04002	5.2 %		2867.66 ± 104.89	34292.14 ± 1253.25	0.9990
15D04004	5.5 %		2831.49 ± 133.54	33783.27 ± 1592.36	0.9993
15D04005	5.8 %		2159.03 ± 65.22	25821.15 ± 779.06	0.9986
15D04006	6.2 %		2206.89 ± 76.88	26319.44 ± 915.99	0.9989
15D04008	6.6 %		2241.89 ± 87.31	26663.05 ± 1037.46	0.9990
15D04009	7.0 %		1931.84 ± 51.33	22955.24 ± 608.93	0.9982
15D04010	7.6 %		1597.02 ± 35.28	18940.55 ± 417.45	0.9975
15D04012	8.3 %		1272.73 ± 21.58	15113.33 ± 255.24	0.9958
15D04013	9.0 %		1050.57 ± 16.15	12528.64 ± 191.68	0.9949
15D04014	9.8 %		819.75 ± 11.76	9823.63 ± 140.17	0.9939
15D04016	11.0 %		622.64 ± 7.63	7535.03 ± 91.63	0.9919
15D04017	13.0 %		455.79 ± 4.20	5624.32 ± 51.17	0.9866
15D04018	15.5 %		298.39 ± 2.85	3801.76 ± 35.83	0.9859
15D04020	18.5 %		223.82 ± 2.47	2927.26 ± 31.93	0.9847
15D04021	21.5 %		176.69 ± 2.13	2375.64 ± 28.24	0.9795
15D04023	24.5 %		158.04 ± 2.39	2163.87 ± 32.19	0.9741

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	**310.48** **± 48.27** **± 15.55%**	11.89119 ± 0.01892 ± 0.16%	**35.46** **± 0.15** **± 0.43%**	1.00 45%
			Full External Error ± 0.81	
			Analytical Error ± 0.06	

Statistics				
	2σ Confidence Limit	1.67	Convergence	0.000002240838
	Error Magnification	1.0005	Number of Iterations	1
	Number of Data Points	20	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ±2σ	36(a)/40(a+r) ±2σ	r.i.
15D03974	1.8 %	✓	0.0826395 ± 0.0001733	0.00005607 ± 0.00000233	0.0065
15D03976	1.9 %	✓	0.0831337 ± 0.0001452	0.00004053 ± 0.00000158	0.0035
15D03977	2.0 %	✓	0.0830039 ± 0.0001658	0.00003835 ± 0.00000204	0.0046
15D03978	2.1 %	✓	0.0831833 ± 0.0001452	0.00003391 ± 0.00000150	0.0031
15D03980	2.2 %	✓	0.0830786 ± 0.0001413	0.00003501 ± 0.00000135	0.0028
15D03981	2.3 %	✓	0.0832570 ± 0.0001473	0.00003317 ± 0.00000153	0.0030
15D03982	2.4 %	✓	0.0829613 ± 0.0001336	0.00004027 ± 0.00000117	0.0023
15D03984	2.5 %	✓	0.0835091 ± 0.0001761	0.00001992 ± 0.00000215	0.0026
15D03985	2.6 %	✓	0.0833049 ± 0.0001391	0.00002817 ± 0.00000135	0.0021
15D03986	2.7 %	✓	0.0832309 ± 0.0001338	0.00003326 ± 0.00000115	0.0021
15D03988	2.8 %	✓	0.0834207 ± 0.0001757	0.00002086 ± 0.00000218	0.0027
15D03989	2.9 %	✓	0.0832851 ± 0.0001344	0.00002858 ± 0.00000112	0.0018
15D03990	3.0 %	✓	0.0834866 ± 0.0001357	0.00002260 ± 0.00000118	0.0016
15D03992	3.2 %	✓	0.0836759 ± 0.0001817	0.00001747 ± 0.00000229	0.0023
15D03993	3.4 %	✓	0.0832447 ± 0.0001489	0.00003358 ± 0.00000160	0.0030
15D03994	3.6 %	✓	0.0830845 ± 0.0001331	0.00004064 ± 0.00000123	0.0023
15D03996	3.8 %	✓	0.0832946 ± 0.0001313	0.00003110 ± 0.00000100	0.0019
15D03997	4.0 %	✓	0.0835737 ± 0.0001332	0.00002556 ± 0.00000100	0.0016
15D03998	4.3 %	✓	0.0836618 ± 0.0001380	0.00001948 ± 0.00000125	0.0015
15D04000	4.6 %	✓	0.0833467 ± 0.0001386	0.00003154 ± 0.00000127	0.0025
15D04001	4.9 %		0.0833993 ± 0.0001309	0.00003683 ± 0.00000109	0.0020
15D04002	5.2 %		0.0836243 ± 0.0001338	0.00002916 ± 0.00000107	0.0020
15D04004	5.5 %		0.0838134 ± 0.0001443	0.00002960 ± 0.00000140	0.0026
15D04005	5.8 %		0.0836149 ± 0.0001340	0.00003873 ± 0.00000117	0.0023
15D04006	6.2 %		0.0838501 ± 0.0001388	0.00003799 ± 0.00000132	0.0026
15D04008	6.6 %		0.0840823 ± 0.0001452	0.00003751 ± 0.00000146	0.0032
15D04009	7.0 %		0.0841570 ± 0.0001335	0.00004356 ± 0.00000116	0.0026
15D04010	7.6 %		0.0843175 ± 0.0001326	0.00005280 ± 0.00000116	0.0026
15D04012	8.3 %		0.0842127 ± 0.0001313	0.00006617 ± 0.00000112	0.0030
15D04013	9.0 %		0.0838531 ± 0.0001300	0.00007982 ± 0.00000122	0.0036
15D04014	9.8 %		0.0834472 ± 0.0001326	0.00010180 ± 0.00000145	0.0043
15D04016	11.0 %		0.0826323 ± 0.0001286	0.00013271 ± 0.00000161	0.0038
15D04017	13.0 %		0.0810382 ± 0.0001219	0.00017780 ± 0.00000162	0.0027
15D04018	15.5 %		0.0784869 ± 0.0001253	0.00026304 ± 0.00000248	0.0067
15D04020	18.5 %		0.0764622 ± 0.0001473	0.00034162 ± 0.00000373	0.0166
15D04021	21.5 %		0.0743738 ± 0.0001811	0.00042094 ± 0.00000500	0.0271
15D04023	24.5 %		0.0730379 ± 0.0002501	0.00046213 ± 0.00000687	0.0412

Results	40(a)/36(a) ±2σ	40(r)/39(k) ±2σ	Age ±2σ (Ma)	MSWD
Inverse Isochron	**316.79 ± 46.21**	11.88879 ± 0.01893	**35.45 ± 0.15**	1.00
Clustered Points	**± 14.59%**	± 0.16%	**± 0.43%**	45%
			Full External Error ± 0.81	
			Analytical Error ± 0.06	

Statistics				
2σ Confidence Limit	1.67	Convergence		0.0001153708
Error Magnification	1.0003	Number of Iterations		3
Number of Data Points	20	Calculated Line		Weighted York-2
Spreading Factor	1.2%			

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
15D03974	1.8 %	✓	0.0476175	2.07	0.0000000	0.00	0.0004131	106.40	0.0000000	0.00	1.55112	106.40	0.0088997	2.07	0.0000000	0.00	0.844364	0.19	0.0001114	107.17	0.0000000	0.00	70.1823	0.10	0.0010479	106.41	835.187	0.05	14.0710	2.07	0.0000000	0.00	0.268307	2.66
15D03976	1.9 %	✓	0.0535558	1.95	0.0000000	0.00	0.0017953	24.86	0.0000000	0.00	6.74165	24.86	0.0100096	1.95	0.0000000	0.00	1.321582	0.18	0.0004841	27.97	0.0000000	0.00	109.8480	0.08	0.0045547	24.90	1305.516	0.03	15.8257	1.95	0.0000000	0.00	0.419949	2.66
15D03977	2.0 %	✓	0.0347748	2.66	0.0000000	0.00	0.0010807	41.44	0.0000000	0.00	4.05824	41.43	0.0064994	2.66	0.0000000	0.00	0.905522	0.19	0.0002914	43.37	0.0000000	0.00	75.2657	0.09	0.0027417	41.46	896.497	0.05	10.2759	2.66	0.0000000	0.00	0.287741	2.66
15D03978	2.1 %	✓	0.0442693	2.21	0.0000000	0.00	0.0014260	31.03	0.0000000	0.00	5.35499	31.03	0.0082739	2.21	0.0000000	0.00	1.306408	0.18	0.0003845	33.57	0.0000000	0.00	108.5869	0.08	0.0036178	31.06	1292.311	0.03	13.0816	2.21	0.0000000	0.00	0.415128	2.66
15D03980	2.2 %	✓	0.0535620	1.93	0.0000000	0.00	0.0014016	32.91	0.0000000	0.00	5.26323	32.91	0.0100107	1.93	0.0000000	0.00	1.529149	0.18	0.0003779	35.32	0.0000000	0.00	127.1008	0.08	0.0035558	32.94	1514.058	0.03	15.8276	1.93	0.0000000	0.00	0.485906	2.66
15D03981	2.3 %	✓	0.0431309	2.30	0.0000000	0.00	0.0016646	27.28	0.0000000	0.00	6.25070	27.28	0.0080612	2.30	0.0000000	0.00	1.302375	0.18	0.0004488	30.14	0.0000000	0.00	108.2516	0.08	0.0042230	27.31	1287.465	0.03	12.7452	2.30	0.0000000	0.00	0.413846	2.66
15D03982	2.4 %	✓	0.0801215	1.46	0.0000000	0.00	0.0015183	28.57	0.0000000	0.00	5.70134	28.56	0.0149747	1.46	0.0000000	0.00	1.985772	0.18	0.0004094	31.31	0.0000000	0.00	165.0546	0.08	0.0038518	28.60	1965.862	0.02	23.6759	1.46	0.0000000	0.00	0.631004	2.66
15D03984	2.5 %	✓	0.0166330	5.40	0.0000000	0.00	0.0008350	54.98	0.0000000	0.00	3.13541	54.98	0.0031087	5.40	0.0000000	0.00	0.838817	0.19	0.0002251	56.46	0.0000000	0.00	69.7213	0.10	0.0021183	55.00	829.980	0.05	4.9150	5.40	0.0000000	0.00	0.266545	2.66
15D03985	2.6 %	✓	0.0444151	2.40	0.0000000	0.00	0.0013415	34.42	0.0000000	0.00	5.03767	34.42	0.0083012	2.40	0.0000000	0.00	1.580223	0.18	0.0003617	36.73	0.0000000	0.00	131.3459	0.08	0.0034034	34.45	1563.564	0.03	13.1247	2.40	0.0000000	0.00	0.502135	2.66
15D03986	2.7 %	✓	0.0633035	1.73	0.0000000	0.00	0.0019804	22.72	0.0000000	0.00	7.43655	22.72	0.0118314	1.73	0.0000000	0.00	1.905964	0.18	0.0005339	26.09	0.0000000	0.00	158.4211	0.08	0.0050241	22.76	1884.687	0.02	18.7062	1.73	0.0000000	0.00	0.605644	2.66
15D03988	2.8 %	✓	0.0173366	5.21	0.0000000	0.00	0.0003247	130.63	0.0000000	0.00	1.21947	130.62	0.0032402	5.21	0.0000000	0.00	0.834180	0.19	0.0000876	131.25	0.0000000	0.00	69.3359	0.10	0.0008239	130.63	826.036	0.05	5.1230	5.21	0.0000000	0.00	0.265071	2.66
15D03989	2.9 %	✓	0.0553873	1.96	0.0000000	0.00	0.0015453	29.80	0.0000000	0.00	5.80291	29.80	0.0103519	1.96	0.0000000	0.00	1.942193	0.18	0.0004166	32.44	0.0000000	0.00	161.4324	0.08	0.0039204	29.83	1921.944	0.02	16.3669	1.96	0.0000000	0.00	0.617156	2.66
15D03990	3.0 %	✓	0.0400804	2.61	0.0000000	0.00	0.0011566	36.31	0.0000090	135.95	4.34315	36.31	0.0074910	2.61	0.0000000	0.00	1.781638	0.18	0.0003118	38.51	0.0300188	135.95	148.0873	0.08	0.0029342	36.34	1761.941	0.03	11.8438	2.61	0.0000000	0.00	0.566138	2.66
15D03992	3.2 %	✓	0.0136416	6.54	0.0000000	0.00	0.0009822	45.57	0.0000006	######	3.68850	45.57	0.0025496	6.54	0.0000000	0.00	0.786222	0.19	0.0002648	47.34	0.0019707	######	65.3497	0.10	0.0024919	45.59	776.955	0.05	4.0311	6.54	0.0000000	0.00	0.249832	2.66
15D03993	3.4 %	✓	0.0425120	2.39	0.0000000	0.00	0.0008680	49.78	0.0000110	105.94	3.25958	49.78	0.0079455	2.39	0.0000000	0.00	1.267725	0.18	0.0002340	51.40	0.0368751	105.94	105.3715	0.09	0.0022022	49.79	1253.242	0.04	12.5623	2.39	0.0000000	0.00	0.402835	2.66
15D03994	3.6 %	✓	0.0797612	1.52	0.0000000	0.00	0.0013552	34.29	0.0000000	0.00	5.08882	34.29	0.0149074	1.52	0.0000000	0.00	1.961703	0.18	0.0003654	36.61	0.0000000	0.00	163.0541	0.08	0.0034380	34.32	1938.940	0.03	23.5694	1.52	0.0000000	0.00	0.623356	2.66
15D03996	3.8 %	✓	0.0659151	1.60	0.0000000	0.00	0.0015967	27.88	0.0000218	55.94	5.99603	27.88	0.0123195	1.60	0.0000000	0.00	2.123787	0.18	0.0004305	30.68	0.0728964	55.95	176.5263	0.08	0.0040509	27.91	2099.822	0.02	19.4779	1.60	0.0000000	0.00	0.674860	2.66
15D03997	4.0 %	✓	0.0530050	1.95	0.0000000	0.00	0.0013958	30.61	0.0000000	0.00	5.24158	30.61	0.0099066	1.95	0.0000000	0.00	2.085375	0.18	0.0003763	33.19	0.0000000	0.00	173.3335	0.08	0.0035412	30.64	2058.356	0.02	15.6630	1.95	0.0000000	0.00	0.662654	2.66
15D03998	4.3 %	✓	0.0311895	3.20	0.0000000	0.00	0.0009268	47.15	0.0000011	######	3.48014	47.15	0.0058293	3.20	0.0000000	0.00	1.611888	0.18	0.0002499	48.86	0.0036898	######	133.9779	0.08	0.0023512	47.17	1592.206	0.03	9.2165	3.20	0.0000000	0.00	0.512197	2.66
15D04000	4.6 %	✓	0.0499752	2.01	0.0000000	0.00	0.0007207	62.88	0.0000002	######	2.70637	62.88	0.0093404	2.01	0.0000000	0.00	1.588619	0.18	0.0001943	64.18	0.0005332	######	132.0438	0.08	0.0018284	62.90	1569.505	0.03	14.7677	2.01	0.0000000	0.00	0.504804	2.66
15D04001	4.9 %		0.0792530	1.48	0.0000000	0.00	0.0016410	26.61	0.0000000	0.00	6.16234	26.61	0.0148124	1.48	0.0000000	0.00	2.158882	0.18	0.0004425	29.54	0.0000000	0.00	179.4433	0.08	0.0041633	26.65	2128.197	0.02	23.4193	1.48	0.0000000	0.00	0.686012	2.66
15D04002	5.2 %		0.0565689	1.83	0.0000000	0.00	0.0016646	27.81	0.0000000	0.00	6.25091	27.81	0.0105727	1.83	0.0000000	0.00	1.951671	0.18	0.0004488	30.63	0.0000000	0.00	162.2202	0.08	0.0042231	27.85	1923.152	0.02	16.7161	1.83	0.0000000	0.00	0.620168	2.66
15D04004	5.5 %		0.0415609	2.36	0.0000000	0.00	0.0006013	76.24	0.0000000	0.00	2.25784	76.24	0.0077677	2.36	0.0000000	0.00	1.415798	0.18	0.0001621	77.31	0.0000000	0.00	117.6792	0.08	0.0015254	76.25	1391.781	0.03	12.2812	2.36	0.0000000	0.00	0.449888	2.66
15D04005	5.8 %		0.0761130	1.51	0.0000000	0.00	0.0013736	32.48	0.0000000	0.00	5.15797	32.48	0.0142255	1.51	0.0000000	0.00	1.977059	0.18	0.0003703	34.92	0.0000000	0.00	164.3304	0.08	0.0034847	32.50	1942.833	0.02	22.4914	1.51	0.0000000	0.00	0.628235	2.66
15D04006	6.2 %		0.0650140	1.74	0.0000000	0.00	0.0013361	34.97	0.0000000	0.00	5.01713	34.97	0.0121511	1.74	0.0000000	0.00	1.726192	0.18	0.0003602	37.25	0.0000000	0.00	143.4787	0.08	0.0033896	35.00	1691.921	0.03	19.2116	1.74	0.0000000	0.00	0.548519	2.66
15D04008	6.6 %		0.0523033	1.95	0.0000000	0.00	0.0011710	38.20	0.0000000	0.00	4.39724	38.20	0.0097755	1.95	0.0000000	0.00	1.410735	0.18	0.0003157	40.29	0.0000000	0.00	117.2583	0.08	0.0029708	38.22	1379.111	0.03	15.4556	1.95	0.0000000	0.00	0.448279	2.66
15D04009	7.0 %		0.0872909	1.33	0.0000000	0.00	0.0022172	20.52	0.0000053	240.76	8.32585	20.52	0.0163147	1.33	0.0000000	0.00	2.028815	0.18	0.0005978	24.19	0.0177186	240.77	168.6323	0.08	0.0056249	20.56	1977.988	0.02	25.7944	1.33	0.0000000	0.00	0.644681	2.66
15D04010	7.6 %		0.1171478	1.10	0.0000000	0.00	0.0028329	16.96	0.0000000	0.00	10.63789	16.96	0.0218949	1.10	0.0000000	0.00	2.250846	0.18	0.0007638	21.26	0.0000000	0.00	187.0872	0.08	0.0071870	17.01	2184.226	0.02	34.6172	1.10	0.0000000	0.00	0.715234	2.66
15D04012	8.3 %		0.1569085	0.84	0.0000000	0.00	0.0040383	11.58	0.0000000	0.00	15.16433	11.58	0.0293262	0.84	0.0000000	0.00	2.402625	0.18	0.0010888	17.27	0.0000000	0.00	199.7028	0.08	0.0102450	11.65	2325.044	0.02	46.3665	0.84	0.0000000	0.00	0.763464	2.66
15D04013	9.0 %		0.1830840	0.76	0.0000000	0.00	0.0057125	8.16	0.0000006	######	21.45142	8.16	0.0342184	0.76	0.0000000	0.00	2.314064	0.18	0.0015402	15.20	0.0019241	######	192.3418	0.08	0.0144926	8.27	2239.693	0.02	54.1013	0.76	0.0000000	0.00	0.735323	2.66
15D04014	9.8 %		0.2184744	0.71	0.0000000	0.00	0.0057042	8.15	0.0000000	0.00	21.42022	8.15	0.0408329	0.71	0.0000000	0.00	2.154698	0.18	0.0015380	15.19	0.0000000	0.00	179.0955	0.08	0.0144715	8.26	2081.653	0.03	64.5592	0.71	0.0000000	0.00	0.684682	2.66
15D04016	11.0 %		0.3276192	0.61	0.0000000	0.00	0.0092531	4.82	0.0000000	0.00	34.74679	4.82	0.0612320	0.61	0.0000000	0.00	2.454177	0.18	0.0024948	13.70	0.0000000	0.00	203.9878	0.08	0.0234749	5.00	2371.810	0.03	96.8115	0.61	0.0000000	0.00	0.779845	2.66
15D04017	13.0 %		0.6379836	0.45	0.0000000	0.00	0.0139307	3.35	0.0000293	41.42	52.31220	3.35	0.1192391	0.45	0.0000000	0.00	3.498416	0.18	0.0037560	13.25	0.0977721	41.43	290.7835	0.07	0.0353421	3.60	3399.703	0.03	188.5242	0.45	0.0000000	0.00	1.111665	2.66
15D04018	15.5 %		0.5494636	0.47	0.0000000	0.00	0.0087996	5.06	0.0000076	160.53	33.04403	5.05	0.1026948	0.47	0.0000000	0.00	1.972527	0.18	0.0023726	13.78	0.0253932	160.54	163.9537	0.08	0.0223245	5.22	1926.563	0.04	162.3665	0.47	0.0000000	0.00	0.626795	2.66
15D04020	18.5 %		0.3725211	0.54	0.0000000	0.00	0.0052779	8.26	0.0000086	135.27	19.81938	8.26	0.0696242	0.54	0.0000000	0.00	1.003138	0.18	0.0014230	15.25	0.0285161	135.27	83.3794	0.09	0.0133900	8.36	980.387	0.07	110.0800	0.54	0.0000000	0.00	0.318760	2.66
15D04021	21.5 %		0.3025089	0.59	0.0000000	0.00	0.0049099	9.38	0.0000026	445.39	18.43763	9.37	0.0565389	0.59	0.0000000	0.00	0.643043	0.20	0.0013238	15.88	0.0087622	445.39	53.4488	0.11	0.0124565	9.47	629.260	0.10	89.3914	0.59	0.0000000	0.00	0.204335	2.66
15D04023	24.5 %		0.2010106	0.74	0.0000000	0.00	0.0026749	16.60	0.0000000	0.00	10.04453	16.60	0.0375689	0.74	0.0000000	0.00	0.382208	0.22	0.0007212	20.97	0.0000000	0.00	31.7686	0.16	0.0067861	16.65	375.562	0.14	59.3986	0.74	0.0000000	0.00	0.121451	2.66
Σ			4.4550128	0.18	0.0000000	0.00	0.0974672	2.81	0.0000977	42.81	366.00515	2.81	0.8326419	0.18	0.0000000	0.00	61.248402	0.03	0.0262792	4.18	0.3260702	42.82	5090.8821	0.01	0.2472731	2.83	60122.957	0.01	1316.4563	0.18	0.0000000	0.00	19.462442	0.47
Σ									4.5525777	0.19	366.00515	2.81									62.433393	0.23			5091.1293	0.01							61458.876	0.01

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
15D03974	1.8 %	✓	12.104386	0.012691	0.022101	0.023516	0.000684	0.000013	184.269	38.174130	1.00130193	4.078E-11
15D03976	1.9 %	✓	12.032141	0.010504	0.061370	0.015259	0.000504	0.000009	184.288	38.188270	1.00130207	6.344E-11
15D03977	2.0 %	✓	12.051012	0.012034	0.053917	0.022341	0.000476	0.000011	184.298	38.195604	1.00130214	4.354E-11
15D03978	2.1 %	✓	12.025070	0.010493	0.049314	0.015301	0.000421	0.000008	184.308	38.203464	1.00130221	6.268E-11
15D03980	2.2 %	✓	12.040276	0.010238	0.041409	0.013629	0.000432	0.000007	184.327	38.217615	1.00130234	7.346E-11
15D03981	2.3 %	✓	12.014354	0.010623	0.057740	0.015753	0.000414	0.000008	184.337	38.224955	1.00130241	6.243E-11
15D03982	2.4 %	✓	12.057360	0.009710	0.034541	0.009867	0.000495	0.000007	184.347	38.232296	1.00130248	9.553E-11
15D03984	2.5 %	✓	11.978199	0.012625	0.044969	0.024725	0.000251	0.000011	184.365	38.245933	1.00130261	4.009E-11
15D03985	2.6 %	✓	12.007608	0.010024	0.038353	0.013202	0.000348	0.000007	184.374	38.253278	1.00130267	7.571E-11
15D03986	2.7 %	✓	12.018211	0.009660	0.046940	0.010665	0.000412	0.000006	184.383	38.260100	1.00130274	9.139E-11
15D03988	2.8 %	✓	11.991114	0.012627	0.017588	0.022974	0.000255	0.000012	184.401	38.273748	1.00130287	3.991E-11
15D03989	2.9 %	✓	12.010485	0.009693	0.035946	0.010711	0.000353	0.000006	184.410	38.280573	1.00130293	9.307E-11
15D03990	3.0 %	✓	11.981554	0.009739	0.029328	0.010649	0.000279	0.000006	184.419	38.287400	1.00130299	8.517E-11
15D03992	3.2 %	✓	11.954245	0.012979	0.056440	0.025722	0.000224	0.000012	184.438	38.301057	1.00130312	3.750E-11
15D03993	3.4 %	✓	12.016349	0.010747	0.030934	0.015397	0.000412	0.000009	184.446	38.307362	1.00130318	6.078E-11
15D03994	3.6 %	✓	12.039513	0.009646	0.031209	0.010702	0.000497	0.000007	184.455	38.314193	1.00130324	9.423E-11
15D03996	3.8 %	✓	12.009128	0.009463	0.033966	0.009468	0.000383	0.000005	184.472	38.326808	1.00130336	1.018E-10
15D03997	4.0 %	✓	11.969061	0.009539	0.030239	0.009257	0.000314	0.000005	184.481	38.333643	1.00130343	9.958E-11
15D03998	4.3 %	✓	11.956499	0.009857	0.025975	0.012246	0.000240	0.000007	184.489	38.339953	1.00130348	7.689E-11
15D04000	4.6 %	✓	12.001735	0.009977	0.020496	0.012888	0.000384	0.000007	184.506	38.353103	1.00130361	7.607E-11
15D04001	4.9 %		11.994050	0.009411	0.034341	0.009139	0.000451	0.000006	184.515	38.359942	1.00130367	1.033E-10
15D04002	5.2 %		11.961755	0.009567	0.038532	0.010718	0.000359	0.000006	184.524	38.366257	1.00130373	9.314E-11
15D04004	5.5 %		11.934935	0.010272	0.019186	0.014627	0.000358	0.000007	184.541	38.379416	1.00130385	6.742E-11
15D04005	5.8 %		11.963160	0.009588	0.031387	0.010194	0.000472	0.000006	184.550	38.386260	1.00130392	9.437E-11
15D04006	6.2 %		11.929582	0.009872	0.034967	0.012230	0.000462	0.000007	184.558	38.392579	1.00130398	8.216E-11
15D04008	6.6 %		11.896636	0.010272	0.037500	0.014324	0.000456	0.000008	184.576	38.405747	1.00130410	6.696E-11
15D04009	7.0 %		11.885981	0.009424	0.049371	0.010130	0.000531	0.000006	184.585	38.412596	1.00130416	9.621E-11
15D04010	7.6 %		11.863307	0.009329	0.056858	0.009641	0.000641	0.000006	184.593	38.418919	1.00130422	1.065E-10
15D04012	8.3 %		11.877909	0.009256	0.075931	0.008790	0.000806	0.000006	184.610	38.432096	1.00130434	1.139E-10
15D04013	9.0 %		11.928539	0.009248	0.111519	0.009099	0.000981	0.000007	184.619	38.438949	1.00130441	1.101E-10
15D04014	9.8 %		11.986475	0.009521	0.119593	0.009749	0.001252	0.000008	184.628	38.445277	1.00130447	1.031E-10
15D04016	11.0 %		12.104241	0.009419	0.170318	0.008207	0.001651	0.000010	184.645	38.458463	1.00130459	1.185E-10
15D04017	13.0 %		12.342182	0.009284	0.179879	0.006024	0.002242	0.000010	184.654	38.465321	1.00130465	1.723E-10
15D04018	15.5 %		12.743062	0.010171	0.201518	0.010185	0.003405	0.000016	184.663	38.472181	1.00130472	1.003E-10
15D04020	18.5 %		13.080084	0.012591	0.237663	0.019630	0.004530	0.000024	184.681	38.485376	1.00130484	5.236E-11
15D04021	21.5 %		13.446279	0.016366	0.344878	0.032333	0.005750	0.000033	184.690	38.492239	1.00130490	3.451E-11
15D04023	24.5 %		13.692415	0.023430	0.316110	0.052471	0.006410	0.000046	184.707	38.505441	1.00130502	2.088E-11

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
15D03974	1.8 %	0.0078298 ± 0.0005471	0.0209340 ± 0.0300791	0.0194991 ± 0.0276079	0.0083577 ± 0.0336635	1.9316268 ± 0.3119902
15D03976	1.9 %	0.0078719 ± 0.0005471	0.0238665 ± 0.0300791	0.0397103 ± 0.0276079	0.0114777 ± 0.0336635	2.1376541 ± 0.3119902
15D03977	2.0 %	0.0078704 ± 0.0005471	0.0248632 ± 0.0300791	0.0484641 ± 0.0276079	0.0115625 ± 0.0336635	2.2016685 ± 0.3119902
15D03978	2.1 %	0.0078547 ± 0.0005471	0.0255613 ± 0.0300791	0.0566533 ± 0.0276079	0.0107127 ± 0.0336635	2.2430483 ± 0.3119902
15D03980	2.2 %	0.0077990 ± 0.0005471	0.0259245 ± 0.0300791	0.0685845 ± 0.0276079	0.0072670 ± 0.0336635	2.2593275 ± 0.3119902
15D03981	2.3 %	0.0077604 ± 0.0005471	0.0256965 ± 0.0300791	0.0734899 ± 0.0276079	0.0047648 ± 0.0336635	2.2443464 ± 0.3119902
15D03982	2.4 %	0.0077179 ± 0.0005471	0.0252085 ± 0.0300791	0.0776103 ± 0.0276079	0.0019328 ± 0.0336635	2.2171520 ± 0.3119902
15D03984	2.5 %	0.0076344 ± 0.0005471	0.0236750 ± 0.0300791	0.0833994 ± 0.0276079	0.0038219 ± 0.0336635	2.1432896 ± 0.3119902
15D03985	2.6 %	0.0075900 ± 0.0005471	0.0225456 ± 0.0300791	0.0856256 ± 0.0276079	0.0069987 ± 0.0336635	2.0954440 ± 0.3119902
15D03986	2.7 %	0.0075509 ± 0.0005471	0.0213276 ± 0.0300791	0.0871993 ± 0.0276079	0.0098912 ± 0.0336635	2.0485047 ± 0.3119902
15D03988	2.8 %	0.0074827 ± 0.0005471	0.0184628 ± 0.0300791	0.0890960 ± 0.0276079	0.0152347 ± 0.0336635	1.9539813 ± 0.3119902
15D03989	2.9 %	0.0074555 ± 0.0005471	0.0168459 ± 0.0300791	0.0894994 ± 0.0276079	0.0175641 ± 0.0336635	1.9093303 ± 0.3119902
15D03990	3.0 %	0.0074340 ± 0.0005471	0.0151259 ± 0.0300791	0.0895894 ± 0.0276079	0.0195929 ± 0.0336635	1.8681721 ± 0.3119902
15D03992	3.2 %	0.0074102 ± 0.0005471	0.0114366 ± 0.0300791	0.0889667 ± 0.0276079	0.0225626 ± 0.0336635	1.8008594 ± 0.3119902
15D03993	3.4 %	0.0074088 ± 0.0005471	0.0096481 ± 0.0300791	0.0883743 ± 0.0276079	0.0233734 ± 0.0336635	1.7782708 ± 0.3119902
15D03994	3.6 %	0.0074147 ± 0.0005471	0.0076684 ± 0.0300791	0.0875517 ± 0.0276079	0.0238107 ± 0.0336635	1.7608881 ± 0.3119902
15D03996	3.8 %	0.0074463 ± 0.0005471	0.0039479 ± 0.0300791	0.0856250 ± 0.0276079	0.0233266 ± 0.0336635	1.7503289 ± 0.3119902
15D03997	4.0 %	0.0074749 ± 0.0005471	0.0019246 ± 0.0300791	0.0844031 ± 0.0276079	0.0223289 ± 0.0336635	1.7572034 ± 0.3119902
15D03998	4.3 %	0.0075084 ± 0.0005471	0.0000688 ± 0.0300791	0.0831875 ± 0.0276079	0.0209341 ± 0.0336635	1.7718112 ± 0.3119902
15D04000	4.6 %	0.0076000 ± 0.0005471	0.0037079 ± 0.0300791	0.0804472 ± 0.0276079	0.0165460 ± 0.0336635	1.8283910 ± 0.3119902
15D04001	4.9 %	0.0076586 ± 0.0005471	0.0055956 ± 0.0300791	0.0789400 ± 0.0276079	0.0134731 ± 0.0336635	1.8718587 ± 0.3119902
15D04002	5.2 %	0.0077190 ± 0.0005471	0.0072745 ± 0.0300791	0.0775136 ± 0.0276079	0.0101635 ± 0.0336635	1.9203974 ± 0.3119902
15D04004	5.5 %	0.0078623 ± 0.0005471	0.0105228 ± 0.0300791	0.0744671 ± 0.0276079	0.0018593 ± 0.0336635	2.0464929 ± 0.3119902
15D04005	5.8 %	0.0079449 ± 0.0005471	0.0120503 ± 0.0300791	0.0728565 ± 0.0276079	0.0031732 ± 0.0336635	2.1246036 ± 0.3119902
15D04006	6.2 %	0.0080253 ± 0.0005471	0.0133446 ± 0.0300791	0.0713591 ± 0.0276079	0.0082221 ± 0.0336635	2.2036731 ± 0.3119902
15D04008	6.6 %	0.0082019 ± 0.0005471	0.0156311 ± 0.0300791	0.0682118 ± 0.0276079	0.0198646 ± 0.0336635	2.3872667 ± 0.3119902
15D04009	7.0 %	0.0082968 ± 0.0005471	0.0165724 ± 0.0300791	0.0665587 ± 0.0276079	0.0264431 ± 0.0336635	2.4911364 ± 0.3119902
15D04010	7.6 %	0.0083850 ± 0.0005471	0.0172734 ± 0.0300791	0.0650186 ± 0.0276079	0.0327807 ± 0.0336635	2.5909358 ± 0.3119902
15D04012	8.3 %	0.0085657 ± 0.0005471	0.0181623 ± 0.0300791	0.0617434 ± 0.0276079	0.0466110 ± 0.0336635	2.8066755 ± 0.3119902
15D04013	9.0 %	0.0086554 ± 0.0005471	0.0182904 ± 0.0300791	0.0599875 ± 0.0276079	0.0540240 ± 0.0336635	2.9204862 ± 0.3119902
15D04014	9.8 %	0.0087340 ± 0.0005471	0.0181883 ± 0.0300791	0.0583213 ± 0.0276079	0.0609248 ± 0.0336635	3.0248142 ± 0.3119902
15D04016	11.0 %	0.0088784 ± 0.0005471	0.0172414 ± 0.0300791	0.0546584 ± 0.0276079	0.0752195 ± 0.0336635	3.2340135 ± 0.3119902
15D04017	13.0 %	0.0089399 ± 0.0005471	0.0163281 ± 0.0300791	0.0526188 ± 0.0276079	0.0824574 ± 0.0336635	3.3350133 ± 0.3119902
15D04018	15.5 %	0.0089896 ± 0.0005471	0.0151065 ± 0.0300791	0.0504608 ± 0.0276079	0.0894478 ± 0.0336635	3.4281000 ± 0.3119902
15D04020	18.5 %	0.0090442 ± 0.0005471	0.0118335 ± 0.0300791	0.0458935 ± 0.0276079	0.1018464 ± 0.0336635	3.5769444 ± 0.3119902
15D04021	21.5 %	0.0090472 ± 0.0005471	0.0096215 ± 0.0300791	0.0432525 ± 0.0276079	0.1075570 ± 0.0336635	3.6342473 ± 0.3119902
15D04023	24.5 %	0.0089934 ± 0.0005471	0.0043159 ± 0.0300791	0.0375315 ± 0.0276079	0.1166279 ± 0.0336635	3.6945164 ± 0.3119902

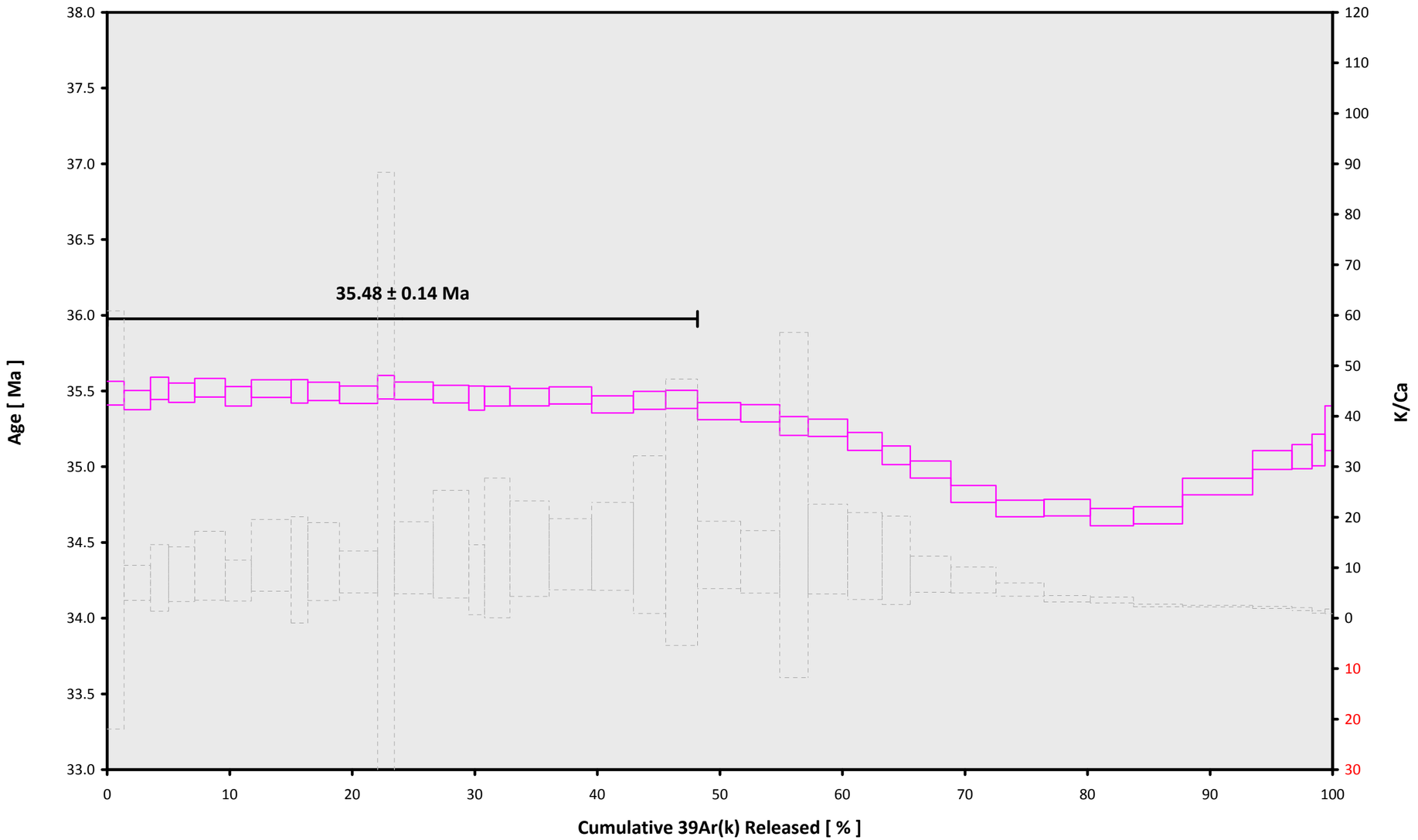
Intercept Values		36Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	37Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	38Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	39Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	40Ar ± 1σ (SE) [fA]	r2	Regression (type,n)
15D03974	1.8 %	0.0534521 ± 0.0006225	0.8841	EXP 150 of 150	0.0188977 ± 0.0298574	0.0147	EXP 150 of 150	0.7372028 ± 0.0293885	0.0119	EXP 150 of 150	69.640000 ± 0.031604	0.9951	EXP 150 of 150	853.88615 ± 0.07162	0.9994	EXP 150 of 150
15D03976	1.9 %	0.0604477 ± 0.0006945	0.9044	EXP 150 of 150	0.1491899 ± 0.0307516	0.0076	EXP 150 of 150	1.2620878 ± 0.0262288	0.0960	EXP 150 of 150	109.000484 ± 0.032484	0.9979	EXP 150 of 150	1327.67711 ± 0.08381	0.9997	EXP 150 of 150
15D03977	2.0 %	0.0419280 ± 0.0005334	0.9128	EXP 150 of 150	0.0792907 ± 0.0309412	0.0043	EXP 150 of 150	0.8328080 ± 0.0306901	0.0143	EXP 150 of 150	74.688304 ± 0.029163	0.9964	EXP 150 of 150	911.85516 ± 0.06722	0.9996	EXP 150 of 150
15D03978	2.1 %	0.0512588 ± 0.0006100	0.9300	EXP 150 of 150	0.1118453 ± 0.0302038	0.0014	EXP 150 of 150	1.1750140 ± 0.0281454	0.0209	EXP 150 of 150	107.747504 ± 0.031410	0.9980	EXP 150 of 150	1311.78302 ± 0.07893	0.9998	EXP 150 of 150
15D03980	2.2 %	0.0600067 ± 0.0006700	0.9245	EXP 149 of 150	0.1090774 ± 0.0326959	0.0020	EXP 150 of 150	1.4142327 ± 0.0274839	0.0531	EXP 150 of 150	126.112332 ± 0.037439	0.9979	EXP 150 of 150	1537.00407 ± 0.09467	0.9998	EXP 150 of 150
15D03981	2.3 %	0.0503099 ± 0.0006221	0.9152	EXP 150 of 150	0.1346032 ± 0.0317337	0.0026	EXP 150 of 150	1.2055752 ± 0.0297499	0.0686	EXP 150 of 150	107.409529 ± 0.034582	0.9975	EXP 150 of 150	1306.58545 ± 0.08564	0.9997	EXP 150 of 150
15D03982	2.4 %	0.0852641 ± 0.0008418	0.9054	EXP 150 of 150	0.1209748 ± 0.0289518	0.0041	EXP 150 of 150	1.8248095 ± 0.0279930	0.0360	EXP 150 of 150	163.762722 ± 0.040301	0.9986	EXP 150 of 150	1998.07400 ± 0.10621	0.9998	EXP 150 of 150
15D03984	2.5 %	0.0242264 ± 0.0004853	0.9262	EXP 150 of 150	0.0566887 ± 0.0323641	0.0000	EXP 150 of 150	0.7371984 ± 0.0281119	0.0101	EXP 150 of 150	69.171451 ± 0.031688	0.9951	EXP 150 of 150	839.69126 ± 0.07083	0.9994	EXP 150 of 150
15D03985	2.6 %	0.0510524 ± 0.0007206	0.9139	EXP 150 of 150	0.1065501 ± 0.0327010	0.0039	EXP 150 of 150	1.4429069 ± 0.0291354	0.0346	EXP 150 of 150	130.309667 ± 0.034234	0.9984	EXP 150 of 150	1583.79421 ± 0.09853	0.9998	EXP 150 of 150
15D03986	2.7 %	0.0695614 ± 0.0007524	0.9262	EXP 150 of 150	0.1692081 ± 0.0311124	0.0014	EXP 150 of 150	1.7904561 ± 0.0271474	0.1396	EXP 150 of 150	157.170691 ± 0.035944	0.9988	EXP 150 of 150	1911.48870 ± 0.10147	0.9998	EXP 150 of 150
15D03988	2.8 %	0.0242586 ± 0.0005228	0.9147	EXP 150 of 150	0.0127707 ± 0.0275636	0.0299	EXP 150 of 150	0.6898254 ± 0.0290789	0.0004	EXP 150 of 150	68.776318 ± 0.031117	0.9951	EXP 150 of 150	835.75431 ± 0.06672	0.9995	EXP 150 of 150
15D03989	2.9 %	0.0615335 ± 0.0007426	0.9257	EXP 150 of 150	0.1317541 ± 0.0324826	0.0009	EXP 150 of 150	1.8251136 ± 0.0303062	0.0829	EXP 150 of 150	160.149473 ± 0.039239	0.9986	EXP 150 of 150	1946.37880 ± 0.10517	0.9998	EXP 150 of 150
15D03990	3.0 %	0.0466119 ± 0.0007194	0.9296	EXP 150 of 150	0.0960728 ± 0.0269301	0.0003	EXP 150 of 150	1.7059221 ± 0.0290292	0.1131	EXP 150 of 150	146.906276 ± 0.034794	0.9987	EXP 150 of 150	1781.28979 ± 0.09590	0.9998	EXP 150 of 150
15D03992	3.2 %	0.0213013 ± 0.0004862	0.9228	EXP 150 of 150	0.0829673 ± 0.0307566	0.0177	EXP 150 of 150	0.6916290 ± 0.0271726	0.0155	EXP 150 of 150	64.815781 ± 0.030703	0.9946	EXP 150 of 150	785.26942 ± 0.07023	0.9994	EXP 150 of 150
15D03993	3.4 %	0.0486243 ± 0.0006675	0.8965	EXP 150 of 150	0.0737643 ± 0.0286156	0.0001	EXP 150 of 150	1.2071262 ± 0.0267373	0.0811	EXP 150 of 150	104.521864 ± 0.035125	0.9973	EXP 150 of 150	1271.60463 ± 0.08530	0.9997	EXP 150 of 150
15D03994	3.6 %	0.0844638 ± 0.0008814	0.8923	EXP 150 of 150	0.1225308 ± 0.0329840	0.0003	EXP 150 of 150	1.8030265 ± 0.0283718	0.0373	EXP 150 of 150	161.751634 ± 0.036842	0.9988	EXP 150 of 150	1970.50421 ± 0.11087	0.9998	EXP 150 of 150
15D03996	3.8 %	0.0715938 ± 0.0007028	0.9388	EXP 150 of 150	0.1494122 ± 0.0303669	0.0000	EXP 150 of 150	2.0947279 ± 0.0288588	0.2562	EXP 150 of 150	175.118986 ± 0.035792	0.9990	EXP 150 of 150	2127.78417 ± 0.10044	0.9999	EXP 150 of 150
15D03997	4.0 %	0.0591481 ± 0.0006932	0.9439	EXP 150 of 150	0.1321150 ± 0.0279006	0.0110	EXP 150 of 150	1.9449275 ± 0.0268176	0.1068	EXP 150 of 150	171.951819 ± 0.039646	0.9987	EXP 150 of 150	2082.36820 ± 0.10931	0.9998	EXP 150 of 150
15D03998	4.3 %	0.0380155 ± 0.0006494	0.9342	EXP 150 of 150	0.0889120 ± 0.0292396	0.0033	EXP 149 of 150	1.5171248 ± 0.0272977	0.0856	EXP 150 of 150	132.905837 ± 0.031663	0.9987	EXP 150 of 150	1608.28451 ± 0.08253	0.9998	EXP 150 of 150
15D04000	4.6 %	0.0557541 ± 0.0006376	0.9227	EXP 150 of 150	0.0728811 ± 0.0314199	0.0015	EXP 150 of 150	1.4971980 ± 0.0283892	0.0712	EXP 149 of 150	130.990862 ± 0.033422	0.9984	EXP 150 of 150	1591.13469 ± 0.08677	0.9998	EXP 150 of 150
15D04001	4.9 %	0.0844966 ± 0.0008507	0.9057	EXP 150 of 150	0.1630731 ± 0.0291698	0.0003	EXP 150 of 150	2.0662924 ± 0.0261067	0.1825	EXP 150 of 150	178.023002 ± 0.034727	0.9991	EXP 150 of 150	2160.32489 ± 0.10893	0.9999	EXP 150 of 150
15D04002	5.2 %	0.0630327 ± 0.0006669	0.9425	EXP 149 of 150	0.1669891 ± 0.0326781	0.0065	EXP 150 of 150	1.8372098 ± 0.0252974	0.1491	EXP 150 of 150	160.938645 ± 0.035583	0.9989	EXP 150 of 150	1947.95458 ± 0.10495	0.9998	EXP 150 of 150
15D04004	5.5 %	0.0479104 ± 0.0006023	0.9302	EXP 150 of 150	0.0681923 ± 0.0320641	0.0104	EXP 149 of 150	1.2911483 ± 0.0274243	0.0151	EXP 150 of 150	116.753528 ± 0.034208	0.9980	EXP 150 of 150	1410.57238 ± 0.09260	0.9997	EXP 150 of 150
15D04005	5.8 %	0.0815463 ± 0.0008146	0.9029	EXP 149 of 150	0.1437709 ± 0.0304103	0.0002	EXP 150 of 150	1.8591519 ± 0.0245281	0.1163	EXP 150 of 150	163.044869 ± 0.037636	0.9987	EXP 150 of 150	1973.69577 ± 0.10695	0.9998	EXP 150 of 150
15D04006	6.2 %	0.0710485 ± 0.0007899	0.9006	EXP 150 of 150	0.1414477 ± 0.0331976	0.0005	EXP 150 of 150	1.6017706 ± 0.0259444	0.0445	EXP 150 of 150	142.362052 ± 0.038507	0.9983	EXP 150 of 150	1718.77661 ± 0.11187	0.9998	EXP 150 of 150
15D04008	6.6 %	0.0589950 ± 0.0006572	0.9091	EXP 150 of 150	0.1278679 ± 0.0305429	0.0006	EXP 150 of 150	1.3102175 ± 0.0287386	0.0431	EXP 150 of 150	116.359106 ± 0.034838	0.9979	EXP 150 of 150	1401.38927 ± 0.08850	0.9998	EXP 150 of 150
15D04009	7.0 %	0.0933219 ± 0.0008127	0.9017	EXP 150 of 150	0.2290465 ± 0.0315345	0.0029	EXP 150 of 150	1.9697284 ± 0.0314387	0.1464	EXP 150 of 150	167.338314 ± 0.034363	0.9990	EXP 150 of 150	2012.64708 ± 0.11787	0.9998	EXP 150 of 150
15D04010	7.6 %	0.1223497 ± 0.0009400	0.8879	EXP 150 of 150	0.2887056 ± 0.0348001	0.0008	EXP 150 of 150	2.1772866 ± 0.0244174	0.2263	EXP 150 of 150	185.655951 ± 0.039240	0.9990	EXP 150 of 150	2228.49241 ± 0.11620	0.9999	EXP 150 of 150
15D04012	8.3 %	0.1614425 ± 0.0009407	0.8514	EXP 150 of 150	0.4049567 ± 0.0330960	0.0049	EXP 150 of 150	2.2924538 ± 0.0271357	0.0752	EXP 149 of 150	198.189230 ± 0.039903	0.9991	EXP 150 of 150	2381.76016 ± 0.11018	0.9999	EXP 150 of 150
15D04013	9.0 %	0.1879862 ± 0.0009977	0.8073	EXP 150 of 150	0.5653514 ± 0.0328327	0.0530	EXP 150 of 150	2.2608055 ± 0.0305919	0.1063	EXP 150 of 150	190.897701 ± 0.033302	0.9993	EXP 150 of 150	2304.00776 ± 0.11813	0.9999	EXP 150 of 150
15D04014	9.8 %	0.2216722 ± 0.0011421	0.6739	EXP 149 of 150	0.5643636 ± 0.0326793	0.0125	EXP 150 of 150	2.0777787 ± 0.0260864	0.0860	EXP 150 of 150	177.762406 ± 0.040644	0.9988	EXP 150 of 150	2156.05752 ± 0.12255	0.9998	EXP 150 of 150
15D04016	11.0 %	0.3288598 ± 0.0014881	0.3139	EXP 150 of 150	0.9029153 ± 0.0298506	0.0150	EXP 150 of 150	2.4288311 ± 0.0283791	0.1229	EXP 150 of 150	202.482130 ± 0.041284	0.9990	EXP 150 of 150	2479.69246 ± 0.11132	0.9999	EXP 150 of 150
15D04017	13.0 %	0.6281948 ± 0.0019452	0.0257	EXP 150 of 150	1.3494958 ± 0.0321021	0.0076	EXP 150 of 150	3.6176119 ± 0.0277053	0.3289	EXP 150 of 150	288.614299 ± 0.045184	0.9994	EXP 150 of 150	3602.93186 ± 0.15268	0.9999	EXP 150 of 150
15D04018	15.5 %	0.5392685 ± 0.0017704	0.1445	EXP 150 of 150	0.8570779 ± 0.0297127	0.0437	EXP 150 of 150	2.0248464 ± 0.0288865	0.1234	EXP 150 of 150	162.775939 ± 0.036624	0.9988	EXP 150 of 150	2098.95630 ± 0.11403	0.9998	EXP 150 of 150
15D04020	18.5 %	0.3679083 ± 0.0014593	0.1149	EXP 150 of 150	0.5166639 ± 0.0287327	0.0086	EXP 150 of 150	1.0422939 ± 0.0260859	0.0455	EXP 149 of 150	82.838871 ± 0.032661	0.9963	EXP 150 of 150	1097.47964 ± 0.08131	0.9996	EXP 150 of 150
15D04021	21.5 %	0.3010545 ± 0.0012937	0.0953	EXP 150 of 150	0.4791727 ± 0.0320284	0.0165	EXP 150 of 150	0.6570747 ± 0.0267977	0.0348	EXP 150 of 150	53.148433 ± 0.032021	0.9915	EXP 149 of 150	724.54435 ± 0.06596	0.9993	EXP 150 of 150
15D04023	24.5 %	0.2024659 ± 0.0010940	0.0637	EXP 150 of 150	0.2600324 ± 0.0299113	0.0001	EXP 150 of 150	0.3499579 ± 0.0254248	0.0067	EXP 150 of 150	31.642157 ± 0.027220	0.9804	EXP 150 of 150	440.02019 ± 0.04917	0.9986	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
15D03974	1.8 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D03976	1.9 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D03977	2.0 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D03978	2.1 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D03980	2.2 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D03981	2.3 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D03982	2.4 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D03984	2.5 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D03985	2.6 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D03986	2.7 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D03988	2.8 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D03989	2.9 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D03990	3.0 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D03992	3.2 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D03993	3.4 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D03994	3.6 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D03996	3.8 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D03997	4.0 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D03998	4.3 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D04000	4.6 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D04001	4.9 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D04002	5.2 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D04004	5.5 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D04005	5.8 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D04006	6.2 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D04008	6.6 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D04009	7.0 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D04010	7.6 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D04012	8.3 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D04013	9.0 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D04014	9.8 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D04016	11.0 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D04017	13.0 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D04018	15.5 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D04020	18.5 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D04021	21.5 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	01
15D04023	24.5 %	Susan Schnur	14-OSU-04	0.00	0.00	28.57	Walvis Ridge\MV1203 (13-INT-04)	15D03973	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
15D03974	1.8 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	6	FEB	2015	22	28	1
15D03976	1.9 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	6	FEB	2015	22	55	1
15D03977	2.0 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	6	FEB	2015	23	9	1
15D03978	2.1 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	6	FEB	2015	23	24	1
15D03980	2.2 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	6	FEB	2015	23	51	1
15D03981	2.3 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	0	5	1
15D03982	2.4 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	0	19	1
15D03984	2.5 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	0	45	1
15D03985	2.6 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	0	59	1
15D03986	2.7 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	1	12	1
15D03988	2.8 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	1	38	1
15D03989	2.9 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	1	51	1
15D03990	3.0 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	2	4	1
15D03992	3.2 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	2	30	1
15D03993	3.4 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	2	42	1
15D03994	3.6 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	2	55	1
15D03996	3.8 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	3	19	1
15D03997	4.0 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	3	32	1
15D03998	4.3 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	3	44	1
15D04000	4.6 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	4	9	1
15D04001	4.9 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	4	22	1
15D04002	5.2 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	4	34	1
15D04004	5.5 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	4	59	1
15D04005	5.8 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	5	12	1
15D04006	6.2 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	5	24	1
15D04008	6.6 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	5	49	1
15D04009	7.0 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	6	2	1
15D04010	7.6 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	6	14	1
15D04012	8.3 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	6	39	1
15D04013	9.0 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	6	52	1
15D04014	9.8 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	7	4	1
15D04016	11.0 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	7	29	1
15D04017	13.0 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	7	42	1
15D04018	15.5 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	7	55	1
15D04020	18.5 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	8	20	1
15D04021	21.5 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	8	33	1
15D04023	24.5 %	MV1203-D56-22	Groundmass	Harpooner Guyot	CT-NM (R98) (4B18-14	28.201	0.082	Kuiper et al (2008)	9.43817	0.203	0.00166530	0.203	303.48	0.174	0.99341776	0.072	1	4.8E-14	7	FEB	2015	8	58	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
15D03974	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
15D03976	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
15D03977	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
15D03978	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
15D03980	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
15D03981	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
15D03982	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
15D03984	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
15D03985	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
15D03986	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
15D03988	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
15D03989	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
15D03990	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
15D03992	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
15D03993	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
15D03994	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
15D03996	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
15D03997	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
15D03998	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
15D04000	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
15D04001	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
15D04002	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
15D04004	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
15D04005	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
15D04006	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
15D04008	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
15D04009	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
15D04010	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
15D04012	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
15D04013	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
15D04014	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
15D04016	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
15D04017	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
15D04018	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
15D04020	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
15D04021	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
15D04023	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

15D03973.AGE >>> MV1203-D56-22 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
35.48 ± 0.14
TOTAL FUSION
35.22 ± 0.14
NORMAL ISOCHRON
35.46 ± 0.15
INVERSE ISOCHRON
35.45 ± 0.15

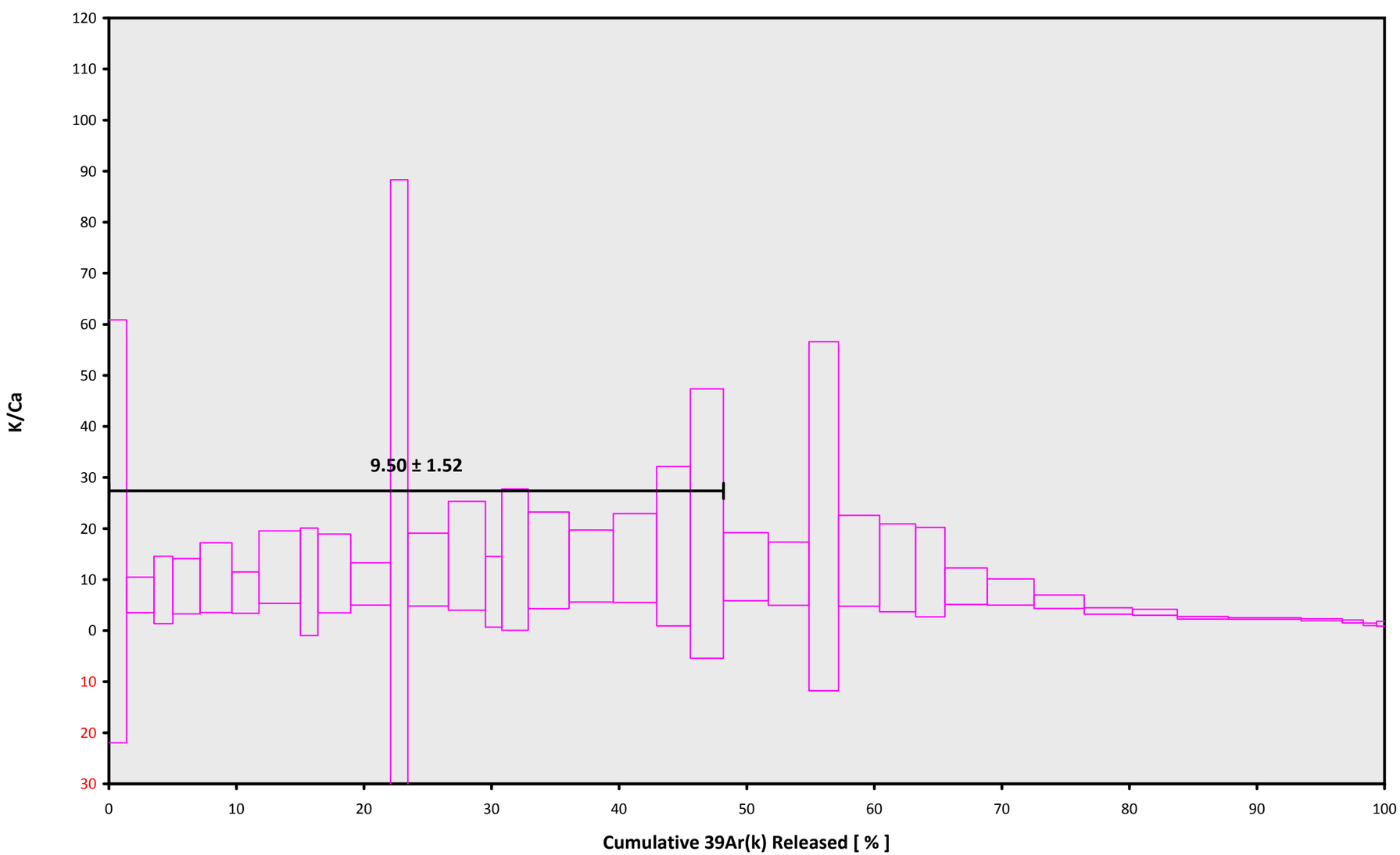
MSWD (PROBABILITY)
0.99 (47%)

Sample Info

Groundmass
Harpooner Guyot
Susan Schnur

IRR = 14-OSU-04 (R98)
J = 0.00166530 ± 0.00000338

15D03973.AGE >>> MV1203-D56-22 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

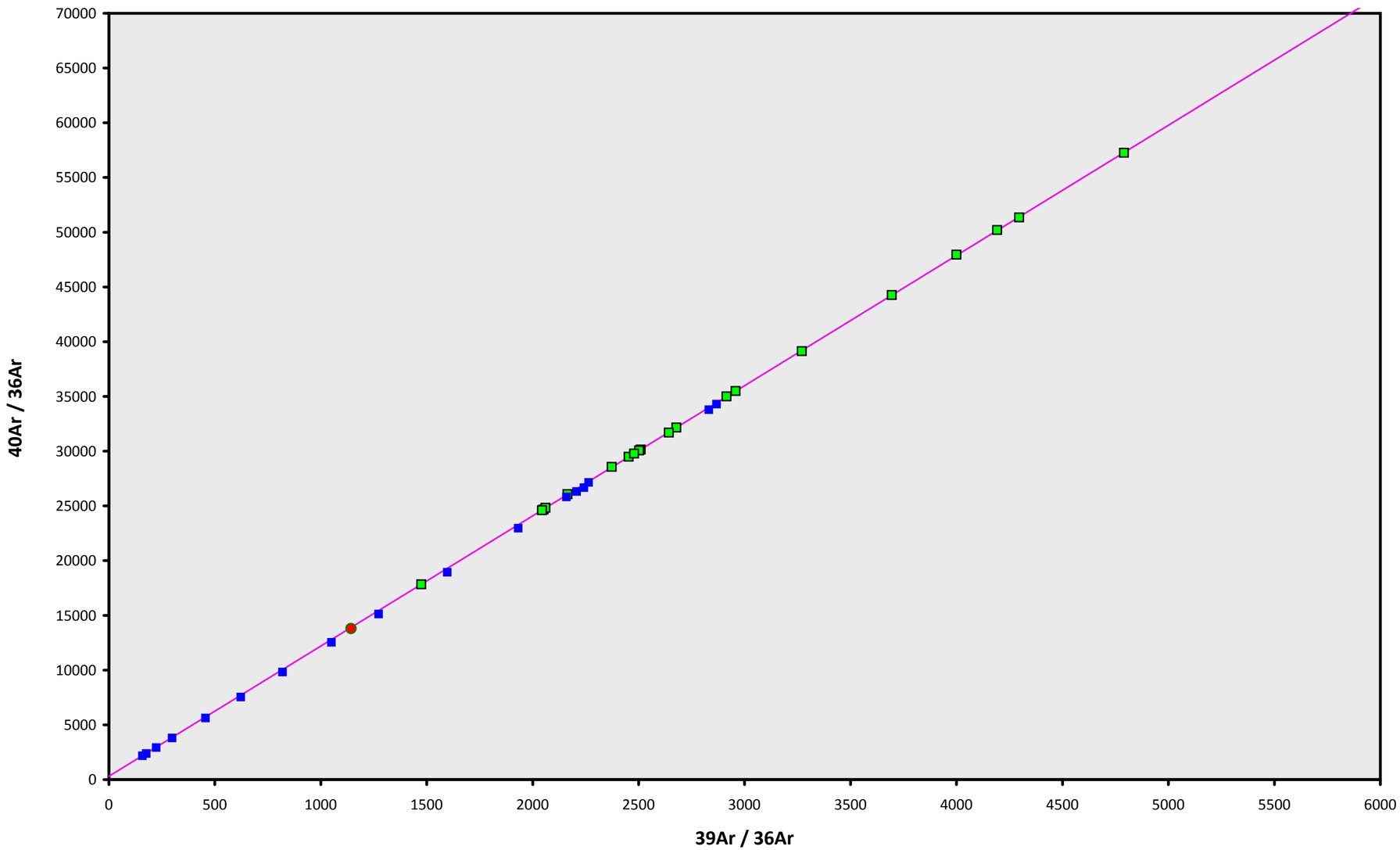
WEIGHTED PLATEAU
35.48 ± 0.14
TOTAL FUSION
35.22 ± 0.14
NORMAL ISOCHRON
35.46 ± 0.15
INVERSE ISOCHRON
35.45 ± 0.15

Sample Info

Groundmass
Harpooner Guyot
Susan Schnur

IRR = 14-OSU-04 (R98)
J = 0.00166530 ± 0.00000338

15D03973.AGE >>> MV1203-D56-22 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
35.48 ± 0.14
TOTAL FUSION
35.22 ± 0.14
NORMAL ISOCHRON
35.46 ± 0.15
INVERSE ISOCHRON
35.45 ± 0.15

MSWD (PROBABILITY)
1.00 (45%)

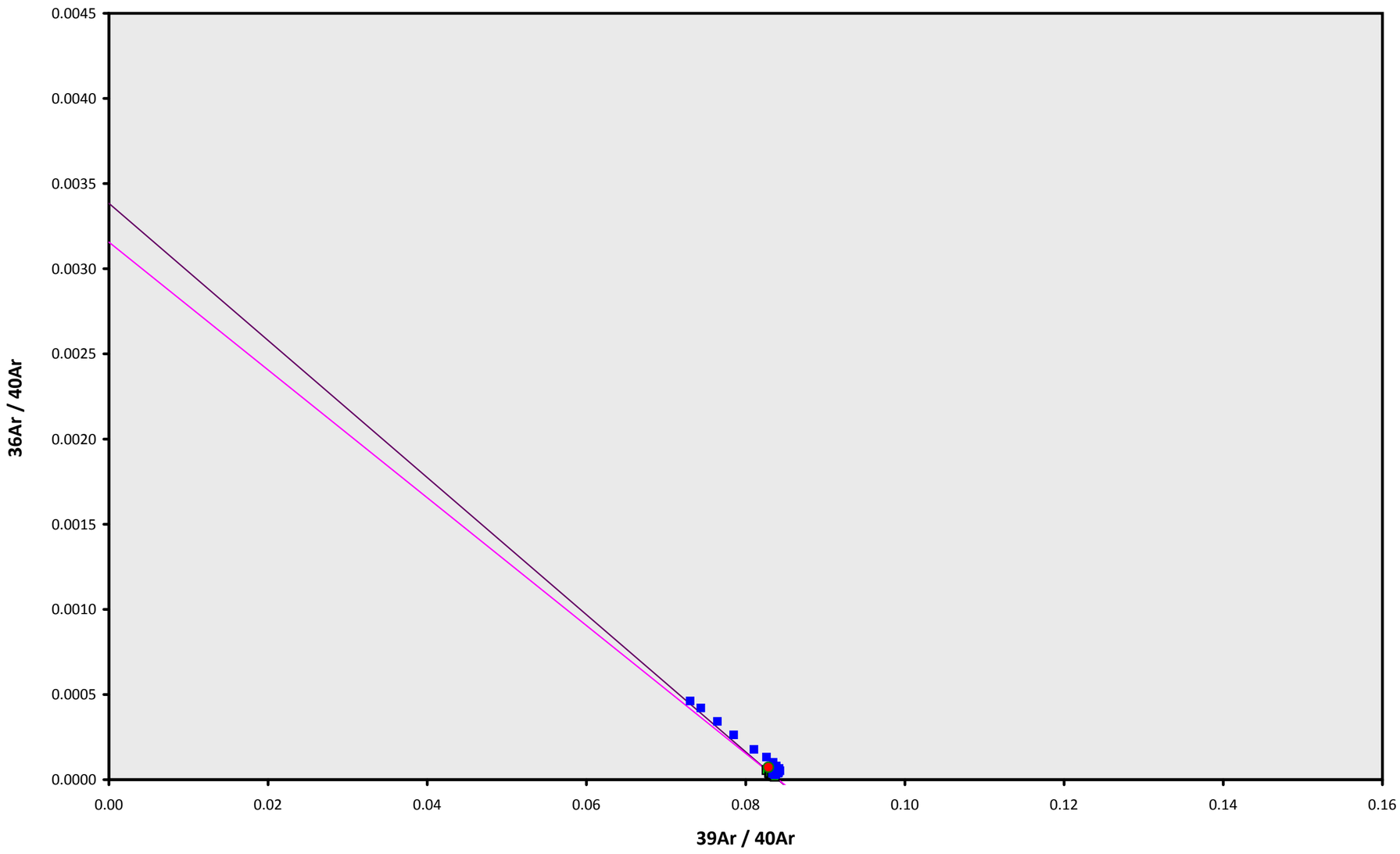
40AR/36AR INTERCEPT
310.5 ± 48.3

Sample Info

Groundmass
Harpooner Guyot
Susan Schnur

IRR = 14-OSU-04 (R98)
J = 0.00166530 ± 0.00000338

15D03973.AGE >>> MV1203-D56-22 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
35.48 ± 0.14
TOTAL FUSION
35.22 ± 0.14
NORMAL ISOCHRON
35.46 ± 0.15
INVERSE ISOCHRON
35.45 ± 0.15

MSWD (PROBABILITY)
1.00 (45%)

SPREADING FACTOR
1.2%

40AR/36AR INTERCEPT
316.8 ± 46.2

Sample Info

Groundmass
Harpooner Guyot
Susan Schnur

IRR = 14-OSU-04 (R98)
J = 0.00166530 ± 0.00000338