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
13D05092	1.8 %		0.1526235	0.864	41.3628	2.601	0.491817	7.640	35.5946	0.128	408.120	0.018	10.29451 ± 0.03496	29.02 ± 0.10	89.71	2.61	0.370 ± 0.019
13D05094	2.0 %		0.1051421	1.031	89.9268	1.308	0.964647	3.974	78.0959	0.082	791.457	0.011	9.83103 ± 0.01833	27.72 ± 0.05	96.93	5.73	0.373 ± 0.010
13D05095	2.2 %	✓	0.0600629	1.662	77.3831	1.419	0.831487	4.588	64.4618	0.090	639.284	0.013	9.74051 ± 0.02020	27.47 ± 0.06	98.14	4.73	0.358 ± 0.010
13D05096	2.4 %	✓	0.0247911	3.300	34.8311	3.134	0.361851	10.507	27.6196	0.152	274.299	0.027	9.76989 ± 0.03548	27.55 ± 0.10	98.29	2.03	0.341 ± 0.021
13D05098	2.7 %	✓	0.0494520	1.881	91.8038	1.227	0.861060	4.500	72.4746	0.083	711.663	0.012	9.72204 ± 0.01822	27.42 ± 0.05	98.92	5.31	0.339 ± 0.008
13D05099	3.0 %	✓	0.0723438	1.397	122.8167	0.979	1.078376	3.508	90.3186	0.077	890.061	0.011	9.73012 ± 0.01673	27.44 ± 0.05	98.65	6.62	0.316 ± 0.006
13D05100	3.3 %	✓	0.0307363	2.855	71.8074	1.516	0.658608	5.662	51.1551	0.103	502.302	0.017	9.75759 ± 0.02297	27.52 ± 0.06	99.28	3.75	0.306 ± 0.009
13D05102	3.6 %	✓	0.0586566	1.695	144.5291	0.858	1.139843	3.287	98.1406	0.075	959.471	0.010	9.72162 ± 0.01599	27.42 ± 0.04	99.34	7.20	0.292 ± 0.005
13D05103	3.9 %	✓	0.0515561	1.892	130.1362	0.948	1.025302	3.607	86.8576	0.079	848.029	0.010	9.71196 ± 0.01697	27.39 ± 0.05	99.37	6.37	0.287 ± 0.005
13D05104	4.2 %	✓	0.0272583	3.083	76.0534	1.427	0.592950	6.433	48.0081	0.100	468.678	0.016	9.72597 ± 0.02260	27.43 ± 0.06	99.52	3.52	0.271 ± 0.008
13D05106	4.5 %		0.0496346	1.925	135.3829	0.931	1.066065	3.558	85.0637	0.080	828.754	0.011	9.70221 ± 0.01725	27.36 ± 0.05	99.48	6.24	0.270 ± 0.005
13D05107	4.9 %		0.0562259	1.690	157.3775	0.831	1.191610	3.116	98.0059	0.075	951.283	0.010	9.66989 ± 0.01593	27.27 ± 0.04	99.52	7.18	0.267 ± 0.004
13D05108	5.3 %		0.0502314	1.817	140.2264	0.909	1.052835	3.499	85.8461	0.080	832.538	0.010	9.66052 ± 0.01694	27.24 ± 0.05	99.50	6.29	0.263 ± 0.005
13D05110	5.7 %		0.0484036	1.908	129.1956	0.935	1.023023	3.726	80.0493	0.079	773.949	0.011	9.62346 ± 0.01708	27.14 ± 0.05	99.43	5.87	0.266 ± 0.005
13D05111	6.1 %		0.0387393	2.426	97.5933	1.172	0.756519	4.906	61.5523	0.090	595.348	0.013	9.61752 ± 0.01999	27.12 ± 0.06	99.33	4.51	0.271 ± 0.006
13D05112	6.5 %		0.0402935	2.203	105.9457	1.104	0.881971	4.542	65.8465	0.088	630.591	0.013	9.52911 ± 0.01899	26.88 ± 0.05	99.39	4.83	0.267 ± 0.006
13D05114	6.9 %		0.0477668	2.006	109.8772	1.097	0.846693	4.434	66.2926	0.087	631.929	0.013	9.45674 ± 0.01891	26.67 ± 0.05	99.09	4.86	0.259 ± 0.006
13D05115	7.3 %		0.0368507	2.388	90.3684	1.274	0.677477	6.133	52.0406	0.098	491.959	0.016	9.38803 ± 0.02151	26.48 ± 0.06	99.19	3.81	0.247 ± 0.006
13D05116	7.8 %		0.0366466	2.408	83.5856	1.328	0.594430	6.897	41.0318	0.111	381.058	0.020	9.19228 ± 0.02472	25.93 ± 0.07	98.84	3.01	0.211 ± 0.006
13D05119	9.2 %		0.0441588	2.182	96.6589	1.216	0.372448	10.421	25.2085	0.161	197.156	0.035	7.62121 ± 0.03472	21.53 ± 0.10	97.19	1.85	0.112 ± 0.003
13D05120	10.2 %		0.0475625	1.944	111.2762	1.043	0.375329	10.076	16.2523	0.234	113.089	0.059	6.66014 ± 0.04820	18.83 ± 0.14	95.27	1.19	0.063 ± 0.001
13D05122	11.7 %		0.0517477	1.852	129.6348	0.940	0.210415	18.887	11.2228	0.333	72.425	0.091	6.04357 ± 0.06839	17.09 ± 0.19	92.92	0.82	0.037 ± 0.001
13D05123	13.7 %		0.0913362	1.142	248.1326	0.640	0.229436	16.884	10.7787	0.342	64.958	0.100	5.41502 ± 0.07440	15.32 ± 0.21	88.46	0.78	0.018 ± 0.000
13D05124	16.2 %		0.1256866	0.893	314.6563	0.595	0.225138	16.582	8.8683	0.417	54.811	0.118	4.89903 ± 0.09537	13.87 ± 0.27	77.37	0.64	0.012 ± 0.000
13D05126	19.0 %		0.0688898	1.432	194.2604	0.721	0.082262	47.500	3.8798	0.943	24.254	0.260	5.11411 ± 0.19733	14.47 ± 0.56	79.04	0.28	0.008 ± 0.000
		Σ	1.4667969	0.331	3024.8221	0.205	17.591593	1.089	1364.6654	0.020	13137.466	0.003					

Information on Analysis and Constants Used in Calculations

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D37-03**
Material = **Groundmass**
Location = **Omura Guyot**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **13-OSU-05**
Position = **X: | Y: | Z/H: 60.78 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **10.00243 ± 0.01150**
FCT-NM J-value = **0.00157136 ± 0.00000181**
Air Shot 40Ar/36Ar = **302.7670 ± 0.2846**
Air Shot MDF = **0.99399176 ± 0.00062291 (LIN)**
Experiment Type = **Incremental Heating**
Extraction Method = **Bulk Laser Heating**
Heating = **77 sec**
Isolation = **5.52 min**
Instrument = **ARGUS-VI-D**
Preferred Age = **Plateau Age**
Age Classification = **Eruption Age**
IGSN = **IESS10024**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Basalt**
Lat-Lon = **37°33.0'S - 8°27.1'W**

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

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau		9.72919 ± 0.01116	**27.44 ± 0.07**	2.62	39.52	0.303 ± 0.018
Error Mean		± 0.11%	**± 0.26%**	1%	8	
		Full External Error ± 0.62		2.07	2σ Confidence Limit	
		Analytical Error ± 0.03		1.6196	Error Magnification	
Total Fusion Age		9.49414 ± 0.00450	**26.78 ± 0.06**		25	0.194 ± 0.001
		± 0.05%	**± 0.23%**			
		Full External Error ± 0.61				
		Analytical Error ± 0.01				
Normal Isochron	**334.77 ± 65.24**	9.71626 ± 0.02312	**27.40 ± 0.09**	1.95	39.52	
	± 19.49%	± 0.24%	**± 0.33%**	7%	8	
		Full External Error ± 0.62		2.15	2σ Confidence Limit	
		Analytical Error ± 0.06		1.3964	Error Magnification	
				1	Number of Iterations	
				0.0000013167	Convergence	
Inverse Isochron	**347.54 ± 68.54**	9.71246 ± 0.02461	**27.39 ± 0.09**	2.19	39.52	
Error Chron	**± 19.72%**	± 0.25%	**± 0.34%**	4%	8	
		Full External Error ± 0.62		2.15	2σ Confidence Limit	
		Analytical Error ± 0.07		1.4815	Error Magnification	
Notes				3	Number of Iterations	
Slanting downwards but age probably acceptable.				0.0000570283	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
13D05092	1.8 %		0.1416000	41.3628	0.0344791	35.5667	366.142	29.02 ± 0.10	89.71	2.61	0.370 ± 0.019
13D05094	2.0 %		0.0811935	89.9268	0.0041739	78.0352	767.166	27.72 ± 0.05	96.93	5.73	0.373 ± 0.010
13D05095	2.2 %	✓	0.0394450	77.3831	0.0436479	64.4095	627.381	27.47 ± 0.06	98.14	4.73	0.358 ± 0.010
13D05096	2.4 %	✓	0.0155096	34.8311	0.0244440	27.5960	269.610	27.55 ± 0.10	98.29	2.03	0.341 ± 0.021
13D05098	2.7 %	✓	0.0250046	91.8038	0.0000000	72.4125	703.998	27.42 ± 0.05	98.92	5.31	0.339 ± 0.008
13D05099	3.0 %	✓	0.0396377	122.8167	0.0000000	90.2356	878.003	27.44 ± 0.05	98.65	6.62	0.316 ± 0.006
13D05100	3.3 %	✓	0.0116050	71.8074	0.0364188	51.1066	498.678	27.52 ± 0.06	99.28	3.75	0.306 ± 0.009
13D05102	3.6 %	✓	0.0201686	144.5291	0.0000000	98.0429	953.136	27.42 ± 0.04	99.34	7.20	0.292 ± 0.005
13D05103	3.9 %	✓	0.0169009	130.1362	0.0000000	86.7697	842.703	27.39 ± 0.05	99.37	6.37	0.287 ± 0.005
13D05104	4.2 %	✓	0.0070030	76.0534	0.0092134	47.9567	466.425	27.43 ± 0.06	99.52	3.52	0.271 ± 0.008
13D05106	4.5 %		0.0135743	135.3829	0.0315072	84.9722	824.418	27.36 ± 0.05	99.48	6.24	0.270 ± 0.005
13D05107	4.9 %		0.0143163	157.3775	0.0000000	97.8996	946.678	27.27 ± 0.04	99.52	7.18	0.267 ± 0.004
13D05108	5.3 %		0.0128870	140.2264	0.0086841	85.7514	828.402	27.24 ± 0.05	99.50	6.29	0.263 ± 0.005
13D05110	5.7 %		0.0139867	129.1956	0.0491103	79.9620	769.511	27.14 ± 0.05	99.43	5.87	0.266 ± 0.005
13D05111	6.1 %		0.0127484	97.5933	0.0073866	61.4863	591.346	27.12 ± 0.06	99.33	4.51	0.271 ± 0.006
13D05112	6.5 %		0.0120601	105.9457	0.0807714	65.7749	626.776	26.88 ± 0.05	99.39	4.83	0.267 ± 0.006
13D05114	6.9 %		0.0184969	109.8772	0.0386743	66.2183	626.210	26.67 ± 0.05	99.09	4.86	0.259 ± 0.006
13D05115	7.3 %		0.0127749	90.3684	0.0432348	51.9796	487.986	26.48 ± 0.06	99.19	3.81	0.247 ± 0.006
13D05116	7.8 %		0.0143648	83.5856	0.0927701	40.9753	376.656	25.93 ± 0.07	98.84	3.01	0.211 ± 0.006
13D05119	9.2 %		0.0184038	96.6589	0.0595700	25.1432	191.622	21.53 ± 0.10	97.19	1.85	0.112 ± 0.003
13D05120	10.2 %		0.0178877	111.2762	0.1693697	16.1771	107.742	18.83 ± 0.14	95.27	1.19	0.063 ± 0.001
13D05122	11.7 %		0.0172101	129.6348	0.0639226	11.1352	67.296	17.09 ± 0.19	92.92	0.82	0.037 ± 0.001
13D05123	13.7 %		0.0252388	248.1326	0.0792415	10.6110	57.459	15.32 ± 0.21	88.46	0.78	0.018 ± 0.000
13D05124	16.2 %		0.0418711	314.6563	0.0905829	8.6558	42.405	13.87 ± 0.27	77.37	0.64	0.012 ± 0.000
13D05126	19.0 %		0.0171533	194.2604	0.0200093	3.7486	19.171	14.47 ± 0.56	79.04	0.28	0.008 ± 0.000
		Σ	0.6610421	3024.8221	0.9872122	1362.6218	12936.919				

Information on Analysis

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D37-03**
Material = **Groundmass**
Location = **Omura Guyot**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **13-OSU-05**
J = **0.00157136 ± 0.00000181**
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	9.72919	± 0.01116	**27.44**	**± 0.07**	2.62	39.52	0.303 ± 0.018
Error Mean		± 0.11%		**± 0.26%**	1%	8	
			Full External Error	± 0.62	2.07	2σ Confidence Limit	
			Analytical Error	± 0.03	1.6196	Error Magnification	
Total Fusion Age	9.49414	± 0.00450	**26.78**	**± 0.06**		25	0.194 ± 0.001
		± 0.05%		**± 0.23%**			
			Full External Error	± 0.61			
			Analytical Error	± 0.01			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
13D05092	1.8 %		251.18 ± 4.83	2881.24 ± 54.96	0.9908
13D05094	2.0 %		961.10 ± 26.77	9744.11 ± 270.98	0.9982
13D05095	2.2 %	✓	1632.89 ± 86.21	16200.73 ± 854.85	0.9994
13D05096	2.4 %	✓	1779.29 ± 199.34	17678.99 ± 1979.89	0.9996
13D05098	2.7 %	✓	2895.97 ± 226.61	28450.22 ± 2225.76	0.9998
13D05099	3.0 %	✓	2276.51 ± 121.99	22446.18 ± 1202.32	0.9996
13D05100	3.3 %	✓	4403.85 ± 701.79	43266.48 ± 6894.35	0.9999
13D05102	3.6 %	✓	4861.18 ± 505.76	47554.03 ± 4947.02	0.9999
13D05103	3.9 %	✓	5134.04 ± 626.10	50157.09 ± 6116.19	0.9999
13D05104	4.2 %	✓	6847.98 ± 1739.12	66898.80 ± 16989.14	1.0000
13D05106	4.5 %		6259.79 ± 935.28	61029.27 ± 9117.96	0.9999
13D05107	4.9 %		6838.34 ± 968.74	66421.49 ± 9408.90	0.9999
13D05108	5.3 %		6654.12 ± 1007.41	64577.70 ± 9776.28	0.9999
13D05110	5.7 %		5717.01 ± 800.52	55312.88 ± 7744.63	0.9999
13D05111	6.1 %		4823.07 ± 748.17	46681.42 ± 7240.93	0.9999
13D05112	6.5 %		5453.92 ± 851.96	52266.49 ± 8164.03	0.9999
13D05114	6.9 %		3579.96 ± 391.63	34150.25 ± 3735.38	0.9999
13D05115	7.3 %		4068.88 ± 594.14	38494.22 ± 5620.47	0.9999
13D05116	7.8 %		2852.49 ± 369.93	26516.35 ± 3438.35	0.9998
13D05119	9.2 %		1366.20 ± 150.59	10707.60 ± 1179.79	0.9995
13D05120	10.2 %		904.37 ± 98.78	6318.72 ± 689.55	0.9990
13D05122	11.7 %		647.02 ± 76.31	4205.78 ± 495.27	0.9983
13D05123	13.7 %		420.42 ± 37.76	2572.11 ± 230.38	0.9967
13D05124	16.2 %		206.72 ± 12.32	1308.24 ± 77.20	0.9888
13D05126	19.0 %		218.53 ± 27.28	1413.10 ± 174.41	0.9868

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	**334.77 ± 65.24 ± 19.49%**	9.71626 ± 0.02312 ± 0.24%	**27.40 ± 0.09 ± 0.33%**	1.95 7%
			Full External Error ± 0.62	
			Analytical Error ± 0.06	

Statistics				
	2σ Confidence Limit	2.15	Convergence	0.000001316671
	Error Magnification	1.3964	Number of Iterations	1
	Number of Data Points	8	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
13D05092	1.8 %		0.0871766 ± 0.0002265	0.00034707 ± 0.00000662	0.0027
13D05094	2.0 %		0.0986340 ± 0.0001626	0.00010263 ± 0.00000285	0.0010
13D05095	2.2 %	✓	0.1007914 ± 0.0001841	0.00006173 ± 0.00000326	0.0007
13D05096	2.4 %	✓	0.1006444 ± 0.0003111	0.00005656 ± 0.00000633	0.0008
13D05098	2.7 %	✓	0.1017907 ± 0.0001714	0.00003515 ± 0.00000275	0.0004
13D05099	3.0 %	✓	0.1014207 ± 0.0001586	0.00004455 ± 0.00000239	0.0005
13D05100	3.3 %	✓	0.1017844 ± 0.0002121	0.00002311 ± 0.00000368	0.0003
13D05102	3.6 %	✓	0.1022243 ± 0.0001544	0.00002103 ± 0.00000219	0.0002
13D05103	3.9 %	✓	0.1023592 ± 0.0001629	0.00001994 ± 0.00000243	0.0002
13D05104	4.2 %	✓	0.1023633 ± 0.0002080	0.00001495 ± 0.00000380	0.0002
13D05106	4.5 %		0.1025702 ± 0.0001665	0.00001639 ± 0.00000245	0.0002
13D05107	4.9 %		0.1029538 ± 0.0001566	0.00001506 ± 0.00000213	0.0002
13D05108	5.3 %		0.1030405 ± 0.0001658	0.00001549 ± 0.00000234	0.0002
13D05110	5.7 %		0.1033576 ± 0.0001661	0.00001808 ± 0.00000253	0.0002
13D05111	6.1 %		0.1033188 ± 0.0001889	0.00002142 ± 0.00000332	0.0002
13D05112	6.5 %		0.1043483 ± 0.0001861	0.00001913 ± 0.00000299	0.0002
13D05114	6.9 %		0.1048297 ± 0.0001841	0.00002928 ± 0.00000320	0.0004
13D05115	7.3 %		0.1057010 ± 0.0002107	0.00002598 ± 0.00000379	0.0003
13D05116	7.8 %		0.1075746 ± 0.0002427	0.00003771 ± 0.00000489	0.0006
13D05119	9.2 %		0.1275917 ± 0.0004223	0.00009339 ± 0.00001029	0.0014
13D05120	10.2 %		0.1431252 ± 0.0006950	0.00015826 ± 0.00001727	0.0026
13D05122	11.7 %		0.1538394 ± 0.0010697	0.00023777 ± 0.00002800	0.0040
13D05123	13.7 %		0.1634552 ± 0.0011854	0.00038879 ± 0.00003482	0.0062
13D05124	16.2 %		0.1580160 ± 0.0014064	0.00076438 ± 0.00004511	0.0107
13D05126	19.0 %		0.1546477 ± 0.0031297	0.00070766 ± 0.00008734	0.0109

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	**347.54 ± 68.54**	9.71246 ± 0.02461	**27.39 ± 0.09**	2.19
Error Chron	**± 19.72%**	± 0.25%	**± 0.34%**	4%
			Full External Error ± 0.62	
			Analytical Error ± 0.07	

Statistics				
	2σ Confidence Limit	2.15	Convergence	0.0000570283
	Error Magnification	1.4815	Number of Iterations	3
	Number of Data Points	8	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
13D05092	1.8 %		0.1416000	0.95	0.0000000	0.00	0.0110149	2.61	0.0000085	109.03	41.3628	2.60	0.0264650	0.95	0.0000000	0.00	0.427903	0.21	0.0029698	13.08	0.0344791	109.03	35.5667	0.13	0.0279447	2.92	366.142	0.11	41.84281	0.95	0.0000000	0.00	0.1359714	2.66
13D05094	2.0 %		0.0811935	1.39	0.0000000	0.00	0.0239475	1.32	0.0000010	919.71	89.9268	1.31	0.0151751	1.39	0.0000000	0.00	0.938841	0.18	0.0064567	12.89	0.0041739	919.72	78.0352	0.08	0.0607545	1.86	767.166	0.04	23.99269	1.39	0.0000000	0.00	0.2983285	2.66
13D05095	2.2 %	✓	0.0394450	2.64	0.0000000	0.00	0.0206071	1.43	0.0000108	87.48	77.3831	1.42	0.0073723	2.64	0.0000000	0.00	0.774911	0.18	0.0055561	12.90	0.0436479	87.49	64.4095	0.09	0.0522800	1.94	627.381	0.05	11.65599	2.64	0.0000000	0.00	0.2462375	2.66
13D05096	2.4 %	✓	0.0155096	5.60	0.0000000	0.00	0.0092755	3.14	0.0000061	155.58	34.8311	3.13	0.0028987	5.60	0.0000000	0.00	0.332008	0.22	0.0025009	13.20	0.0244440	155.58	27.5960	0.15	0.0235319	3.40	269.610	0.10	4.58308	5.60	0.0000000	0.00	0.1054996	2.66
13D05098	2.7 %	✓	0.0250046	3.91	0.0000000	0.00	0.0244474	1.24	0.0000000	0.00	91.8038	1.23	0.0046734	3.91	0.0000000	0.00	0.871195	0.18	0.0065915	12.88	0.0000000	0.00	72.4125	0.08	0.0620226	1.80	703.998	0.04	7.38886	3.91	0.0000000	0.00	0.2768332	2.66
13D05099	3.0 %	✓	0.0396377	2.68	0.0000000	0.00	0.0327061	0.99	0.0000000	0.00	122.8167	0.98	0.0074083	2.68	0.0000000	0.00	1.085625	0.18	0.0088182	12.86	0.0000000	0.00	90.2356	0.08	0.0829749	1.64	878.003	0.04	11.71295	2.68	0.0000000	0.00	0.3449707	2.66
13D05100	3.3 %	✓	0.0116050	7.97	0.0000000	0.00	0.0191223	1.52	0.0000090	102.48	71.8074	1.52	0.0021690	7.97	0.0000000	0.00	0.614864	0.19	0.0051558	12.91	0.0364188	102.48	51.1066	0.10	0.0485131	2.01	498.678	0.06	3.42927	7.97	0.0000000	0.00	0.1953807	2.66
13D05102	3.6 %	✓	0.0201686	5.20	0.0000000	0.00	0.0384881	0.87	0.0000000	0.00	144.5291	0.86	0.0037695	5.20	0.0000000	0.00	1.179554	0.18	0.0103772	12.85	0.0000000	0.00	98.0429	0.07	0.0976438	1.57	953.136	0.03	5.95981	5.20	0.0000000	0.00	0.3748181	2.66
13D05103	3.9 %	✓	0.0169009	6.10	0.0000000	0.00	0.0346553	0.96	0.0000000	0.00	130.1362	0.95	0.0031588	6.10	0.0000000	0.00	1.043926	0.18	0.0093438	12.85	0.0000000	0.00	86.7697	0.08	0.0879200	1.63	842.703	0.04	4.99420	6.10	0.0000000	0.00	0.3317204	2.66
13D05104	4.2 %	✓	0.0070030	12.70	0.0000000	0.00	0.0202530	1.44	0.0000023	414.30	76.0534	1.43	0.0013089	12.70	0.0000000	0.00	0.576967	0.19	0.0054606	12.90	0.0092134	414.30	47.9567	0.10	0.0513816	1.94	466.425	0.06	2.06940	12.70	0.0000000	0.00	0.1833384	2.66
13D05106	4.5 %		0.0135743	7.47	0.0000000	0.00	0.0360525	0.94	0.0000078	120.60	135.3829	0.93	0.0025370	7.47	0.0000000	0.00	1.022300	0.18	0.0097205	12.85	0.0315072	120.61	84.9722	0.08	0.0914647	1.62	824.418	0.04	4.01120	7.47	0.0000000	0.00	0.3248487	2.66
13D05107	4.9 %		0.0143163	7.08	0.0000000	0.00	0.0419096	0.84	0.0000000	0.00	157.3775	0.83	0.0026757	7.08	0.0000000	0.00	1.177830	0.18	0.0112997	12.85	0.0000000	0.00	97.8996	0.08	0.1063243	1.56	946.678	0.03	4.23046	7.08	0.0000000	0.00	0.3742701	2.66
13D05108	5.3 %		0.0128870	7.57	0.0000000	0.00	0.0373423	0.92	0.0000022	424.97	140.2264	0.91	0.0024086	7.57	0.0000000	0.00	1.031675	0.18	0.0100683	12.85	0.0086841	424.97	85.7514	0.08	0.0947369	1.60	828.402	0.04	3.80810	7.57	0.0000000	0.00	0.3278274	2.66
13D05110	5.7 %		0.0139867	7.00	0.0000000	0.00	0.0344048	0.95	0.0000122	77.74	129.1956	0.93	0.0026141	7.00	0.0000000	0.00	0.962022	0.18	0.0092762	12.85	0.0491103	77.75	79.9620	0.08	0.0872845	1.62	769.511	0.04	4.13307	7.00	0.0000000	0.00	0.3056946	2.66
13D05111	6.1 %		0.0127484	7.76	0.0000000	0.00	0.0259891	1.18	0.0000018	503.00	97.5933	1.17	0.0023827	7.76	0.0000000	0.00	0.739742	0.18	0.0070072	12.87	0.0073866	503.00	61.4863	0.09	0.0659340	1.77	591.346	0.05	3.76715	7.76	0.0000000	0.00	0.2350623	2.66
13D05112	6.5 %		0.0120601	7.81	0.0000000	0.00	0.0282133	1.11	0.0000200	49.65	105.9457	1.10	0.0022540	7.81	0.0000000	0.00	0.791338	0.18	0.0076069	12.87	0.0807714	49.66	65.7749	0.09	0.0715769	1.72	626.776	0.05	3.56376	7.81	0.0000000	0.00	0.2514576	2.66
13D05114	6.9 %		0.0184969	5.47	0.0000000	0.00	0.0292603	1.11	0.0000096	97.18	109.8772	1.10	0.0034571	5.47	0.0000000	0.00	0.796673	0.18	0.0078892	12.87	0.0386743	97.19	66.2183	0.09	0.0742330	1.72	626.210	0.05	5.46585	5.47	0.0000000	0.00	0.2531527	2.66
13D05115	7.3 %		0.0127749	7.30	0.0000000	0.00	0.0240651	1.28	0.0000107	96.17	90.3684	1.27	0.0023876	7.30	0.0000000	0.00	0.625366	0.19	0.0064885	12.88	0.0432348	96.17	51.9796	0.10	0.0610529	1.83	487.986	0.06	3.77499	7.30	0.0000000	0.00	0.1987179	2.66
13D05116	7.8 %		0.0143648	6.48	0.0000000	0.00	0.0222589	1.34	0.0000230	44.23	83.5856	1.33	0.0026848	6.48	0.0000000	0.00	0.492974	0.19	0.0060014	12.89	0.0927701	44.24	40.9753	0.11	0.0564705	1.87	376.656	0.08	4.24479	6.48	0.0000000	0.00	0.1566485	2.66
13D05119	9.2 %		0.0184038	5.51	0.0000000	0.00	0.0257403	1.23	0.0000148	65.20	96.6589	1.22	0.0034397	5.51	0.0000000	0.00	0.302498	0.23	0.0069401	12.88	0.0595700	65.20	25.1432	0.16	0.0653027	1.79	191.622	0.16	5.43831	5.51	0.0000000	0.00	0.0961225	2.66
13D05120	10.2 %		0.0178877	5.46	0.0000000	0.00	0.0296328	1.05	0.0000420	22.36	111.2762	1.04	0.0033432	5.46	0.0000000	0.00	0.194626	0.28	0.0079896	12.86	0.1693697	22.38	16.1771	0.24	0.0751782	1.68	107.742	0.27	5.28582	5.46	0.0000000	0.00	0.0618450	2.67
13D05122	11.7 %		0.0172101	5.89	0.0000000	0.00	0.0345217	0.95	0.0000158	62.21	129.6348	0.94	0.0032166	5.89	0.0000000	0.00	0.133968	0.37	0.0093078	12.85	0.0639226	62.22	11.1352	0.34	0.0875812	1.62	67.296	0.46	5.08559	5.89	0.0000000	0.00	0.0425699	2.68
13D05123	13.7 %		0.0252388	4.48	0.0000000	0.00	0.0660777	0.66	0.0000196	48.99	248.1326	0.64	0.0047171	4.48	0.0000000	0.00	0.127661	0.38	0.0178159	12.84	0.0792415	48.99	10.6110	0.35	0.1676384	1.47	57.459	0.59	7.45808	4.48	0.0000000	0.00	0.0405660	2.68
13D05124	16.2 %		0.0418711	2.95	0.0000000	0.00	0.0837930	0.61	0.0000225	41.36	314.6563	0.59	0.0078257	2.95	0.0000000	0.00	0.104137	0.46	0.0225923	12.83	0.0905829	41.37	8.6558	0.43	0.2125818	1.45	42.405	0.87	12.37292	2.95	0.0000000	0.00	0.0330909	2.69
13D05126	19.0 %		0.0171533	6.17	0.0000000	0.00	0.0517315	0.74	0.0000050	195.51	194.2604	0.72	0.0032060	6.17	0.0000000	0.00	0.045099	0.99	0.0139479	12.84	0.0200093	195.52	3.7486	0.98	0.1312423	1.50	19.171	1.66	5.06881	6.17	0.0000000	0.00	0.0143308	2.83
		Σ	0.6610421	0.78	0.0000000	0.00	0.8055101	0.21	0.0002446	17.45	3024.8221	0.20	0.1235488	0.78	0.0000000	0.00	16.393703	0.04	0.2171822	2.86	0.9872122	17.45	1362.6218	0.02	2.0435698	0.36	12936.919	0.01	195.33794	0.78	0.0000000	0.00	5.2093033	0.61
		Σ							1.4667969	0.37	3024.8221	0.20									17.721647	0.97			1364.6654	0.02							13137.466	0.02

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
13D05092	1.8 %		11.465783	0.014882	1.162052	0.030263	0.004288	0.000037	152.401	20.342254	1.00107681	1.959E-11
13D05094	2.0 %		10.134420	0.008344	1.151491	0.015091	0.001346	0.000014	152.419	20.349231	1.00107693	3.799E-11
13D05095	2.2 %	✓	9.917251	0.009047	1.200450	0.017067	0.000932	0.000016	152.427	20.352581	1.00107699	3.069E-11
13D05096	2.4 %	✓	9.931326	0.015335	1.261102	0.039569	0.000898	0.000030	152.436	20.356211	1.00107705	1.317E-11
13D05098	2.7 %	✓	9.819491	0.008258	1.266704	0.015576	0.000682	0.000013	152.453	20.363192	1.00107717	3.416E-11
13D05099	3.0 %	✓	9.854682	0.007696	1.359816	0.013350	0.000801	0.000011	152.462	20.366544	1.00107723	4.272E-11
13D05100	3.3 %	✓	9.819194	0.010217	1.403717	0.021332	0.000601	0.000017	152.471	20.370176	1.00107730	2.411E-11
13D05102	3.6 %	✓	9.776496	0.007374	1.472674	0.012686	0.000598	0.000010	152.487	20.376883	1.00107741	4.605E-11
13D05103	3.9 %	✓	9.763446	0.007757	1.498271	0.014250	0.000594	0.000011	152.497	20.380517	1.00107748	4.071E-11
13D05104	4.2 %	✓	9.762488	0.009904	1.584179	0.022666	0.000568	0.000018	152.505	20.383872	1.00107754	2.250E-11
13D05106	4.5 %		9.742753	0.007895	1.591548	0.014880	0.000583	0.000011	152.522	20.390863	1.00107766	3.978E-11
13D05107	4.9 %		9.706380	0.007371	1.605797	0.013398	0.000574	0.000010	152.531	20.394500	1.00107772	4.566E-11
13D05108	5.3 %		9.698035	0.007793	1.633462	0.014903	0.000585	0.000011	152.540	20.397857	1.00107778	3.996E-11
13D05110	5.7 %		9.668416	0.007759	1.613951	0.015141	0.000605	0.000012	152.557	20.404853	1.00107790	3.715E-11
13D05111	6.1 %		9.672235	0.008832	1.585534	0.018645	0.000629	0.000015	152.565	20.408212	1.00107796	2.858E-11
13D05112	6.5 %		9.576688	0.008527	1.608980	0.017820	0.000612	0.000013	152.574	20.411851	1.00107803	3.027E-11
13D05114	6.9 %		9.532421	0.008359	1.657458	0.018234	0.000721	0.000014	152.592	20.418852	1.00107815	3.033E-11
13D05115	7.3 %		9.453372	0.009409	1.736497	0.022188	0.000708	0.000017	152.600	20.422213	1.00107821	2.361E-11
13D05116	7.8 %		9.286897	0.010459	2.037096	0.027154	0.000893	0.000022	152.608	20.425575	1.00107827	1.829E-11
13D05119	9.2 %		7.821011	0.012904	3.834373	0.047048	0.001752	0.000038	152.644	20.439869	1.00107852	9.463E-12
13D05120	10.2 %		6.958374	0.016811	6.846815	0.073218	0.002927	0.000057	152.653	20.443514	1.00107858	5.428E-12
13D05122	11.7 %		6.453349	0.022257	11.551024	0.115202	0.004611	0.000087	152.670	20.450525	1.00107870	3.476E-12
13D05123	13.7 %		6.026498	0.021493	23.020718	0.167088	0.008474	0.000101	152.678	20.453892	1.00107876	3.118E-12
13D05124	16.2 %		6.180504	0.026805	35.480886	0.257744	0.014173	0.000140	152.688	20.457539	1.00107883	2.631E-12
13D05126	19.0 %		6.251270	0.061174	50.069524	0.594593	0.017756	0.000304	152.704	20.464275	1.00107894	1.164E-12

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
13D05092	1.8 %	0.0153318 ± 0.0006463	0.0280634 ± 0.0414094	0.0218498 ± 0.0265349	0.0546797 ± 0.0263560	4.2787116 ± 0.0570690
13D05094	2.0 %	0.0148495 ± 0.0006463	0.0482327 ± 0.0414094	0.0292094 ± 0.0265349	0.0651835 ± 0.0263560	4.2093741 ± 0.0570690
13D05095	2.2 %	0.0147043 ± 0.0006463	0.0507465 ± 0.0414094	0.0303260 ± 0.0265349	0.0678490 ± 0.0263560	4.1823671 ± 0.0570690
13D05096	2.4 %	0.0145976 ± 0.0006463	0.0493510 ± 0.0414094	0.0302098 ± 0.0265349	0.0693467 ± 0.0263560	4.1572341 ± 0.0570690
13D05098	2.7 %	0.0145067 ± 0.0006463	0.0376029 ± 0.0414094	0.0272619 ± 0.0265349	0.0690826 ± 0.0263560	4.1196472 ± 0.0570690
13D05099	3.0 %	0.0145024 ± 0.0006463	0.0289935 ± 0.0414094	0.0250560 ± 0.0265349	0.0678749 ± 0.0263560	4.1060382 ± 0.0570690
13D05100	3.3 %	0.0145171 ± 0.0006463	0.0183267 ± 0.0414094	0.0223993 ± 0.0265349	0.0660301 ± 0.0263560	4.0941252 ± 0.0570690
13D05102	3.6 %	0.0145754 ± 0.0006463	0.0030833 ± 0.0414094	0.0174709 ± 0.0265349	0.0617463 ± 0.0263560	4.0788077 ± 0.0570690
13D05103	3.9 %	0.0146132 ± 0.0006463	0.0146712 ± 0.0414094	0.0151184 ± 0.0265349	0.0592316 ± 0.0263560	4.0735676 ± 0.0570690
13D05104	4.2 %	0.0146466 ± 0.0006463	0.0248700 ± 0.0414094	0.0133098 ± 0.0265349	0.0569344 ± 0.0263560	4.0703104 ± 0.0570690
13D05106	4.5 %	0.0146970 ± 0.0006463	0.0433436 ± 0.0414094	0.0110419 ± 0.0265349	0.0525798 ± 0.0263560	4.0674246 ± 0.0570690
13D05107	4.9 %	0.0147072 ± 0.0006463	0.0509473 ± 0.0414094	0.0108050 ± 0.0265349	0.0506911 ± 0.0263560	4.0675141 ± 0.0570690
13D05108	5.3 %	0.0147041 ± 0.0006463	0.0565175 ± 0.0414094	0.0112068 ± 0.0265349	0.0492367 ± 0.0263560	4.0682786 ± 0.0570690
13D05110	5.7 %	0.0146549 ± 0.0006463	0.0632512 ± 0.0414094	0.0139664 ± 0.0265349	0.0471847 ± 0.0263560	4.0711562 ± 0.0570690
13D05111	6.1 %	0.0146098 ± 0.0006463	0.0640772 ± 0.0414094	0.0161638 ± 0.0265349	0.0466705 ± 0.0263560	4.0727921 ± 0.0570690
13D05112	6.5 %	0.0145456 ± 0.0006463	0.0632507 ± 0.0414094	0.0191054 ± 0.0265349	0.0464297 ± 0.0263560	4.0744970 ± 0.0570690
13D05114	6.9 %	0.0143820 ± 0.0006463	0.0570682 ± 0.0414094	0.0260313 ± 0.0265349	0.0467035 ± 0.0263560	4.0768963 ± 0.0570690
13D05115	7.3 %	0.0142883 ± 0.0006463	0.0522832 ± 0.0414094	0.0297200 ± 0.0265349	0.0470515 ± 0.0263560	4.0773409 ± 0.0570690
13D05116	7.8 %	0.0141879 ± 0.0006463	0.0466075 ± 0.0414094	0.0334643 ± 0.0265349	0.0474333 ± 0.0263560	4.0771531 ± 0.0570690
13D05119	9.2 %	0.0137645 ± 0.0006463	0.0196471 ± 0.0414094	0.0459437 ± 0.0265349	0.0469041 ± 0.0263560	4.0667342 ± 0.0570690
13D05120	10.2 %	0.0136835 ± 0.0006463	0.0144045 ± 0.0414094	0.0469476 ± 0.0265349	0.0453860 ± 0.0263560	4.0610062 ± 0.0570690
13D05122	11.7 %	0.0136019 ± 0.0006463	0.0101163 ± 0.0414094	0.0443264 ± 0.0265349	0.0395332 ± 0.0263560	4.0458480 ± 0.0570690
13D05123	13.7 %	0.0136112 ± 0.0006463	0.0120007 ± 0.0414094	0.0403083 ± 0.0265349	0.0349317 ± 0.0263560	4.0365065 ± 0.0570690
13D05124	16.2 %	0.0136676 ± 0.0006463	0.0179248 ± 0.0414094	0.0334307 ± 0.0265349	0.0282968 ± 0.0263560	4.0247966 ± 0.0570690
13D05126	19.0 %	0.0139314 ± 0.0006463	0.0424288 ± 0.0414094	0.0123559 ± 0.0265349	0.0105401 ± 0.0263560	3.9986799 ± 0.0570690

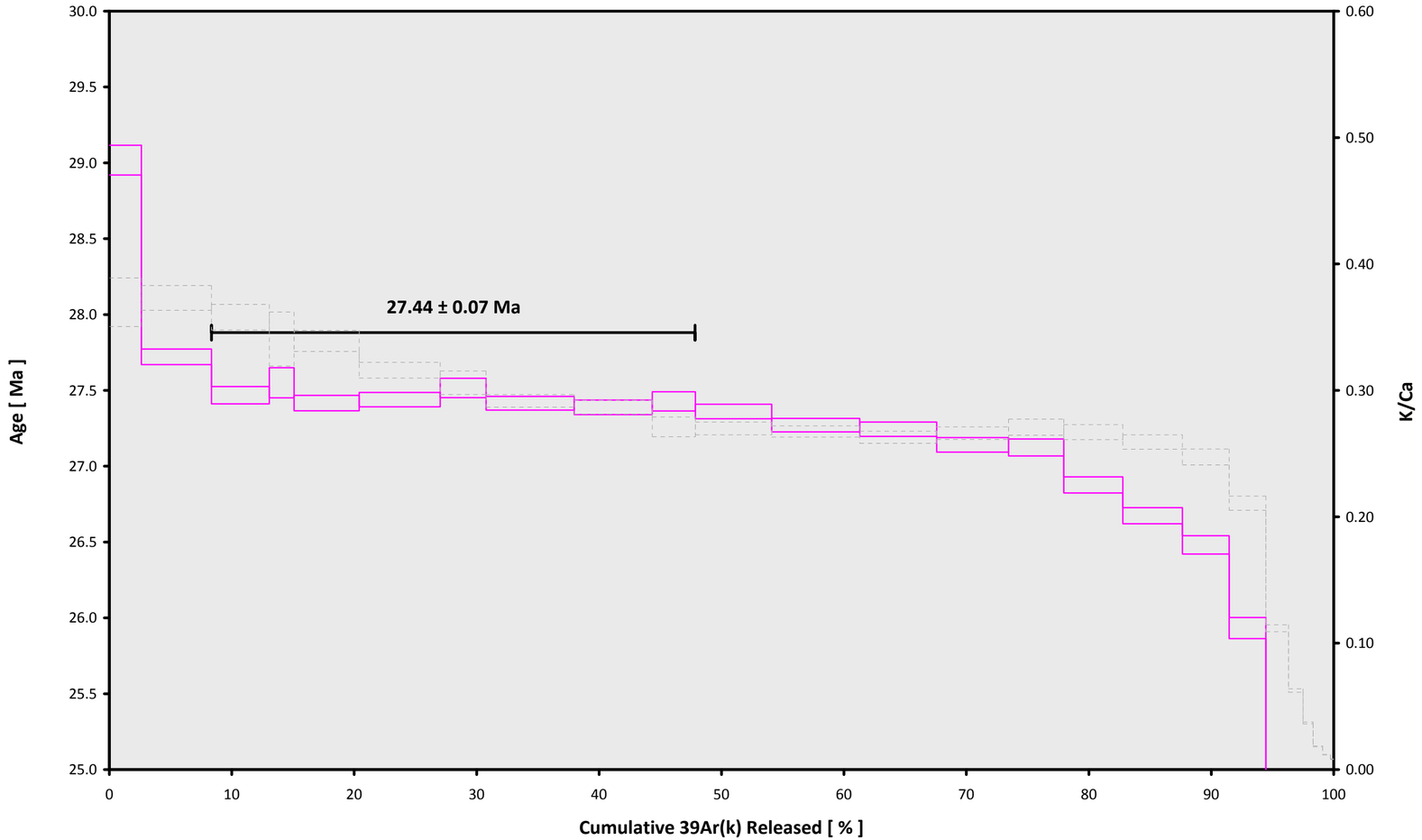
Intercept Values		36Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	37Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	38Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	39Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	40Ar ± 1σ (SE) [fA]	r2	Regression (type,n)
13D05092	1.8 %	0.1630104 ± 0.0010345	0.0701	EXP 150 of 150	1.9686841 ± 0.0299045	0.2495	EXP 150 of 150	0.4640581 ± 0.0259568	0.0244	EXP 150 of 150	35.3978035 ± 0.0296516	0.9846	EXP 150 of 150	413.256934 ± 0.048370	0.9996	EXP 150 of 150
13D05094	2.0 %	0.1165851 ± 0.0007844	0.2406	EXP 150 of 150	4.2914032 ± 0.0330125	0.3995	EXP 150 of 150	0.9238479 ± 0.0270048	0.0480	EXP 149 of 150	77.6092982 ± 0.0309481	0.9965	EXP 150 of 150	797.330105 ± 0.065059	0.9998	EXP 150 of 150
13D05095	2.2 %	0.0728212 ± 0.0007024	0.4248	EXP 150 of 150	3.6829505 ± 0.0279709	0.3030	EXP 150 of 150	0.7911711 ± 0.0267442	0.0657	EXP 150 of 150	64.0741324 ± 0.0322380	0.9944	EXP 150 of 150	644.809768 ± 0.063469	0.9997	EXP 150 of 150
13D05096	2.4 %	0.0385855 ± 0.0004532	0.6331	EXP 150 of 150	1.6309318 ± 0.0315552	0.0559	EXP 150 of 150	0.3272943 ± 0.0265809	0.0174	EXP 150 of 150	27.4937472 ± 0.0273747	0.9783	EXP 150 of 150	279.032731 ± 0.047584	0.9990	EXP 150 of 150
13D05098	2.7 %	0.0623565 ± 0.0006145	0.6151	EXP 150 of 150	4.3895753 ± 0.0282917	0.3177	EXP 150 of 150	0.8234534 ± 0.0275729	0.0105	EXP 150 of 150	72.0315282 ± 0.0294273	0.9963	EXP 150 of 150	717.278968 ± 0.064819	0.9998	EXP 150 of 150
13D05099	3.0 %	0.0845024 ± 0.0007123	0.5549	EXP 150 of 150	5.8927856 ± 0.0294311	0.5519	EXP 150 of 150	1.0403642 ± 0.0262903	0.0233	EXP 149 of 150	89.7482382 ± 0.0312073	0.9973	EXP 150 of 150	896.037881 ± 0.075373	0.9998	EXP 150 of 150
13D05100	3.3 %	0.0442576 ± 0.0005454	0.6688	EXP 150 of 150	3.4433493 ± 0.0278229	0.3712	EXP 150 of 150	0.6282954 ± 0.0255487	0.0747	EXP 150 of 150	50.8596997 ± 0.0319022	0.9912	EXP 150 of 150	507.452360 ± 0.061556	0.9996	EXP 150 of 150
13D05102	3.6 %	0.0713316 ± 0.0006975	0.6643	EXP 150 of 150	6.9682210 ± 0.0279521	0.6584	EXP 150 of 150	1.1086775 ± 0.0257647	0.0286	EXP 150 of 150	97.5087981 ± 0.0300526	0.9979	EXP 150 of 150	965.566488 ± 0.073940	0.9999	EXP 150 of 150
13D05103	3.9 %	0.0644990 ± 0.0006758	0.5898	EXP 150 of 150	6.2850710 ± 0.0307351	0.5582	EXP 150 of 150	0.9978653 ± 0.0250804	0.0165	EXP 150 of 150	86.3030373 ± 0.0317769	0.9970	EXP 150 of 150	853.885562 ± 0.068018	0.9998	EXP 150 of 150
13D05104	4.2 %	0.0410218 ± 0.0004888	0.6672	EXP 150 of 150	3.6887728 ± 0.0268669	0.4041	EXP 150 of 150	0.5725161 ± 0.0267540	0.0315	EXP 150 of 150	47.7257505 ± 0.0263267	0.9932	EXP 150 of 150	473.733721 ± 0.052342	0.9997	EXP 150 of 150
13D05106	4.5 %	0.0627235 ± 0.0006493	0.6569	EXP 149 of 150	6.5632375 ± 0.0320918	0.5839	EXP 150 of 150	1.0422151 ± 0.0264300	0.0795	EXP 150 of 150	84.5151191 ± 0.0333011	0.9966	EXP 150 of 150	834.563748 ± 0.073748	0.9998	EXP 150 of 150
13D05107	4.9 %	0.0691114 ± 0.0006391	0.6744	EXP 150 of 150	7.6287262 ± 0.0312293	0.6636	EXP 150 of 150	1.1664888 ± 0.0252791	0.0550	EXP 149 of 150	97.3640081 ± 0.0310407	0.9977	EXP 150 of 150	957.349751 ± 0.078081	0.9998	EXP 150 of 150
13D05108	5.3 %	0.0633081 ± 0.0005891	0.6589	EXP 150 of 150	6.8073505 ± 0.0322184	0.5982	EXP 150 of 150	1.0289795 ± 0.0248697	0.0554	EXP 150 of 150	85.2886685 ± 0.0327793	0.9967	EXP 149 of 150	838.356727 ± 0.066354	0.9998	EXP 150 of 150
13D05110	5.7 %	0.0614903 ± 0.0006052	0.6552	EXP 150 of 150	6.2809041 ± 0.0283686	0.6140	EXP 150 of 150	0.9967657 ± 0.0266914	0.0481	EXP 150 of 150	79.5307379 ± 0.0287506	0.9971	EXP 150 of 150	779.647575 ± 0.063072	0.9998	EXP 150 of 150
13D05111	6.1 %	0.0520940 ± 0.0006325	0.6049	EXP 150 of 150	4.7600663 ± 0.0287542	0.4353	EXP 150 of 150	0.7312657 ± 0.0252929	0.0372	EXP 150 of 150	61.1639585 ± 0.0299832	0.9947	EXP 150 of 150	600.672391 ± 0.049273	0.9998	EXP 150 of 150
13D05112	6.5 %	0.0535336 ± 0.0005572	0.6981	EXP 150 of 150	5.1602329 ± 0.0295778	0.5580	EXP 149 of 150	0.8522688 ± 0.0293453	0.0762	EXP 150 of 150	65.4275981 ± 0.0308121	0.9951	EXP 150 of 150	635.991551 ± 0.059642	0.9998	EXP 150 of 150
13D05114	6.9 %	0.0606012 ± 0.0006544	0.5203	EXP 150 of 150	5.3413783 ± 0.0319884	0.4517	EXP 150 of 150	0.8104895 ± 0.0258895	0.0255	EXP 149 of 150	65.8707617 ± 0.0294590	0.9956	EXP 150 of 150	637.333873 ± 0.059745	0.9998	EXP 150 of 150
13D05115	7.3 %	0.0499451 ± 0.0005469	0.6273	EXP 149 of 150	4.3976452 ± 0.0304986	0.3929	EXP 150 of 150	0.6396176 ± 0.0313099	0.0091	EXP 150 of 150	51.7198837 ± 0.0289968	0.9930	EXP 150 of 150	497.070804 ± 0.051746	0.9997	EXP 150 of 150
13D05116	7.8 %	0.0496472 ± 0.0005507	0.4455	EXP 150 of 150	4.0651598 ± 0.0278576	0.3144	EXP 150 of 150	0.5538240 ± 0.0305984	0.0282	EXP 150 of 150	40.7892080 ± 0.0263307	0.9909	EXP 150 of 150	385.935911 ± 0.052192	0.9995	EXP 150 of 150
13D05119	9.2 %	0.0564926 ± 0.0006630	0.1931	EXP 149 of 150	4.6634722 ± 0.0315692	0.4319	EXP 150 of 150	0.3220295 ± 0.0276816	0.0025	EXP 150 of 150	25.0772654 ± 0.0262076	0.9754	EXP 150 of 150	201.637317 ± 0.040760	0.9984	EXP 150 of 150
13D05120	10.2 %	0.0597050 ± 0.0006074	0.1483	EXP 150 of 150	5.3595419 ± 0.0275768	0.5751	EXP 150 of 150	0.3238720 ± 0.0263015	0.0576	EXP 149 of 150	16.1827747 ± 0.0251545	0.9480	EXP 150 of 150	117.387985 ± 0.034911	0.9945	EXP 150 of 150
13D05122	11.7 %	0.0636731 ± 0.0006526	0.0874	EXP 150 of 150	6.2349708 ± 0.0291379	0.6403	EXP 150 of 150	0.1635603 ± 0.0289377	0.0014	EXP 150 of 150	11.1830066 ± 0.0251227	0.8919	EXP 150 of 150	76.622695 ± 0.033181	0.9781	EXP 150 of 150
13D05123	13.7 %	0.1019882 ± 0.0007418	0.0345	EXP 150 of 150	11.9249738 ± 0.0307181	0.8192	EXP 150 of 150	0.1863711 ± 0.0275785	0.0016	EXP 149 of 150	10.7374166 ± 0.0245342	0.8915	EXP 149 of 150	69.130660 ± 0.031875	0.9675	EXP 150 of 150
13D05124	16.2 %	0.1352820 ± 0.0008158	0.2497	EXP 150 of 150	15.1220395 ± 0.0357624	0.8459	EXP 150 of 150	0.1890027 ± 0.0256188	0.0376	EXP 150 of 150	8.8339498 ± 0.0249951	0.8362	EXP 150 of 150	58.950780 ± 0.031254	0.9252	EXP 150 of 150
13D05126	19.0 %	0.0805893 ± 0.0006816	0.0173	EXP 150 of 150	9.3642374 ± 0.0295682	0.7778	EXP 150 of 150	0.0689181 ± 0.0280404	0.0007	EXP 150 of 150	3.8629313 ± 0.0249032	0.4908	EXP 150 of 150	28.303425 ± 0.027350	0.9066	EXP 149 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
13D05092	1.8 %	Susan Schnur	13-OSU-05			60.78	Walvis Ridge\MV1203 (13-INT-04)	13D05091	01
13D05094	2.0 %	Susan Schnur	13-OSU-05			60.78	Walvis Ridge\MV1203 (13-INT-04)	13D05091	01
13D05095	2.2 %	Susan Schnur	13-OSU-05			60.78	Walvis Ridge\MV1203 (13-INT-04)	13D05091	01
13D05096	2.4 %	Susan Schnur	13-OSU-05			60.78	Walvis Ridge\MV1203 (13-INT-04)	13D05091	01
13D05098	2.7 %	Susan Schnur	13-OSU-05			60.78	Walvis Ridge\MV1203 (13-INT-04)	13D05091	01
13D05099	3.0 %	Susan Schnur	13-OSU-05			60.78	Walvis Ridge\MV1203 (13-INT-04)	13D05091	01
13D05100	3.3 %	Susan Schnur	13-OSU-05			60.78	Walvis Ridge\MV1203 (13-INT-04)	13D05091	01
13D05102	3.6 %	Susan Schnur	13-OSU-05			60.78	Walvis Ridge\MV1203 (13-INT-04)	13D05091	01
13D05103	3.9 %	Susan Schnur	13-OSU-05			60.78	Walvis Ridge\MV1203 (13-INT-04)	13D05091	01
13D05104	4.2 %	Susan Schnur	13-OSU-05			60.78	Walvis Ridge\MV1203 (13-INT-04)	13D05091	01
13D05106	4.5 %	Susan Schnur	13-OSU-05			60.78	Walvis Ridge\MV1203 (13-INT-04)	13D05091	01
13D05107	4.9 %	Susan Schnur	13-OSU-05			60.78	Walvis Ridge\MV1203 (13-INT-04)	13D05091	01
13D05108	5.3 %	Susan Schnur	13-OSU-05			60.78	Walvis Ridge\MV1203 (13-INT-04)	13D05091	01
13D05110	5.7 %	Susan Schnur	13-OSU-05			60.78	Walvis Ridge\MV1203 (13-INT-04)	13D05091	01
13D05111	6.1 %	Susan Schnur	13-OSU-05			60.78	Walvis Ridge\MV1203 (13-INT-04)	13D05091	01
13D05112	6.5 %	Susan Schnur	13-OSU-05			60.78	Walvis Ridge\MV1203 (13-INT-04)	13D05091	01
13D05114	6.9 %	Susan Schnur	13-OSU-05			60.78	Walvis Ridge\MV1203 (13-INT-04)	13D05091	01
13D05115	7.3 %	Susan Schnur	13-OSU-05			60.78	Walvis Ridge\MV1203 (13-INT-04)	13D05091	01
13D05116	7.8 %	Susan Schnur	13-OSU-05			60.78	Walvis Ridge\MV1203 (13-INT-04)	13D05091	01
13D05119	9.2 %	Susan Schnur	13-OSU-05			60.78	Walvis Ridge\MV1203 (13-INT-04)	13D05091	01
13D05120	10.2 %	Susan Schnur	13-OSU-05			60.78	Walvis Ridge\MV1203 (13-INT-04)	13D05091	01
13D05122	11.7 %	Susan Schnur	13-OSU-05			60.78	Walvis Ridge\MV1203 (13-INT-04)	13D05091	01
13D05123	13.7 %	Susan Schnur	13-OSU-05			60.78	Walvis Ridge\MV1203 (13-INT-04)	13D05091	01
13D05124	16.2 %	Susan Schnur	13-OSU-05			60.78	Walvis Ridge\MV1203 (13-INT-04)	13D05091	01
13D05126	19.0 %	Susan Schnur	13-OSU-05			60.78	Walvis Ridge\MV1203 (13-INT-04)	13D05091	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
13D05092	1.8 %	MV1203-D37-03	Groundmass	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.00243	0.115	0.00157136	0.115	302.767	0.094	0.99399176	0.063	1	4.8E-14	21	NOV	2013	7	14	1
13D05094	2.0 %	MV1203-D37-03	Groundmass	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.00243	0.115	0.00157136	0.115	302.767	0.094	0.99399176	0.063	1	4.8E-14	21	NOV	2013	7	39	1
13D05095	2.2 %	MV1203-D37-03	Groundmass	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.00243	0.115	0.00157136	0.115	302.767	0.094	0.99399176	0.063	1	4.8E-14	21	NOV	2013	7	51	1
13D05096	2.4 %	MV1203-D37-03	Groundmass	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.00243	0.115	0.00157136	0.115	302.767	0.094	0.99399176	0.063	1	4.8E-14	21	NOV	2013	8	4	1
13D05098	2.7 %	MV1203-D37-03	Groundmass	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.00243	0.115	0.00157136	0.115	302.767	0.094	0.99399176	0.063	1	4.8E-14	21	NOV	2013	8	29	1
13D05099	3.0 %	MV1203-D37-03	Groundmass	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.00243	0.115	0.00157136	0.115	302.767	0.094	0.99399176	0.063	1	4.8E-14	21	NOV	2013	8	41	1
13D05100	3.3 %	MV1203-D37-03	Groundmass	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.00243	0.115	0.00157136	0.115	302.767	0.094	0.99399176	0.063	1	4.8E-14	21	NOV	2013	8	54	1
13D05102	3.6 %	MV1203-D37-03	Groundmass	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.00243	0.115	0.00157136	0.115	302.767	0.094	0.99399176	0.063	1	4.8E-14	21	NOV	2013	9	18	1
13D05103	3.9 %	MV1203-D37-03	Groundmass	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.00243	0.115	0.00157136	0.115	302.767	0.094	0.99399176	0.063	1	4.8E-14	21	NOV	2013	9	31	1
13D05104	4.2 %	MV1203-D37-03	Groundmass	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.00243	0.115	0.00157136	0.115	302.767	0.094	0.99399176	0.063	1	4.8E-14	21	NOV	2013	9	43	1
13D05106	4.5 %	MV1203-D37-03	Groundmass	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.00243	0.115	0.00157136	0.115	302.767	0.094	0.99399176	0.063	1	4.8E-14	21	NOV	2013	10	8	1
13D05107	4.9 %	MV1203-D37-03	Groundmass	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.00243	0.115	0.00157136	0.115	302.767	0.094	0.99399176	0.063	1	4.8E-14	21	NOV	2013	10	21	1
13D05108	5.3 %	MV1203-D37-03	Groundmass	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.00243	0.115	0.00157136	0.115	302.767	0.094	0.99399176	0.063	1	4.8E-14	21	NOV	2013	10	33	1
13D05110	5.7 %	MV1203-D37-03	Groundmass	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.00243	0.115	0.00157136	0.115	302.767	0.094	0.99399176	0.063	1	4.8E-14	21	NOV	2013	10	58	1
13D05111	6.1 %	MV1203-D37-03	Groundmass	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.00243	0.115	0.00157136	0.115	302.767	0.094	0.99399176	0.063	1	4.8E-14	21	NOV	2013	11	10	1
13D05112	6.5 %	MV1203-D37-03	Groundmass	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.00243	0.115	0.00157136	0.115	302.767	0.094	0.99399176	0.063	1	4.8E-14	21	NOV	2013	11	23	1
13D05114	6.9 %	MV1203-D37-03	Groundmass	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.00243	0.115	0.00157136	0.115	302.767	0.094	0.99399176	0.063	1	4.8E-14	21	NOV	2013	11	48	1
13D05115	7.3 %	MV1203-D37-03	Groundmass	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.00243	0.115	0.00157136	0.115	302.767	0.094	0.99399176	0.063	1	4.8E-14	21	NOV	2013	12	0	1
13D05116	7.8 %	MV1203-D37-03	Groundmass	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.00243	0.115	0.00157136	0.115	302.767	0.094	0.99399176	0.063	1	4.8E-14	21	NOV	2013	12	12	1
13D05119	9.2 %	MV1203-D37-03	Groundmass	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.00243	0.115	0.00157136	0.115	302.767	0.094	0.99399176	0.063	1	4.8E-14	21	NOV	2013	13	3	1
13D05120	10.2 %	MV1203-D37-03	Groundmass	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.00243	0.115	0.00157136	0.115	302.767	0.094	0.99399176	0.063	1	4.8E-14	21	NOV	2013	13	16	1
13D05122	11.7 %	MV1203-D37-03	Groundmass	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.00243	0.115	0.00157136	0.115	302.767	0.094	0.99399176	0.063	1	4.8E-14	21	NOV	2013	13	41	1
13D05123	13.7 %	MV1203-D37-03	Groundmass	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.00243	0.115	0.00157136	0.115	302.767	0.094	0.99399176	0.063	1	4.8E-14	21	NOV	2013	13	53	1
13D05124	16.2 %	MV1203-D37-03	Groundmass	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.00243	0.115	0.00157136	0.115	302.767	0.094	0.99399176	0.063	1	4.8E-14	21	NOV	2013	14	6	1
13D05126	19.0 %	MV1203-D37-03	Groundmass	Omura Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.00243	0.115	0.00157136	0.115	302.767	0.094	0.99399176	0.063	1	4.8E-14	21	NOV	2013	14	30	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
13D05092	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
13D05094	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
13D05095	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
13D05096	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
13D05098	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
13D05099	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
13D05100	3.3 %	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
13D05102	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
13D05103	3.9 %	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
13D05104	4.2 %	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
13D05106	4.5 %	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
13D05107	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
13D05108	5.3 %	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
13D05110	5.7 %	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
13D05111	6.1 %	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
13D05112	6.5 %	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
13D05114	6.9 %	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
13D05115	7.3 %	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
13D05116	7.8 %	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
13D05119	9.2 %	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
13D05120	10.2 %	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
13D05122	11.7 %	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
13D05123	13.7 %	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
13D05124	16.2 %	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
13D05126	19.0 %	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

13D05091.AGE >>> MV1203-D37-03 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
27.44 ± 0.07
TOTAL FUSION
26.78 ± 0.06
NORMAL ISOCHRON
27.40 ± 0.09
INVERSE ISOCHRON
27.39 ± 0.09

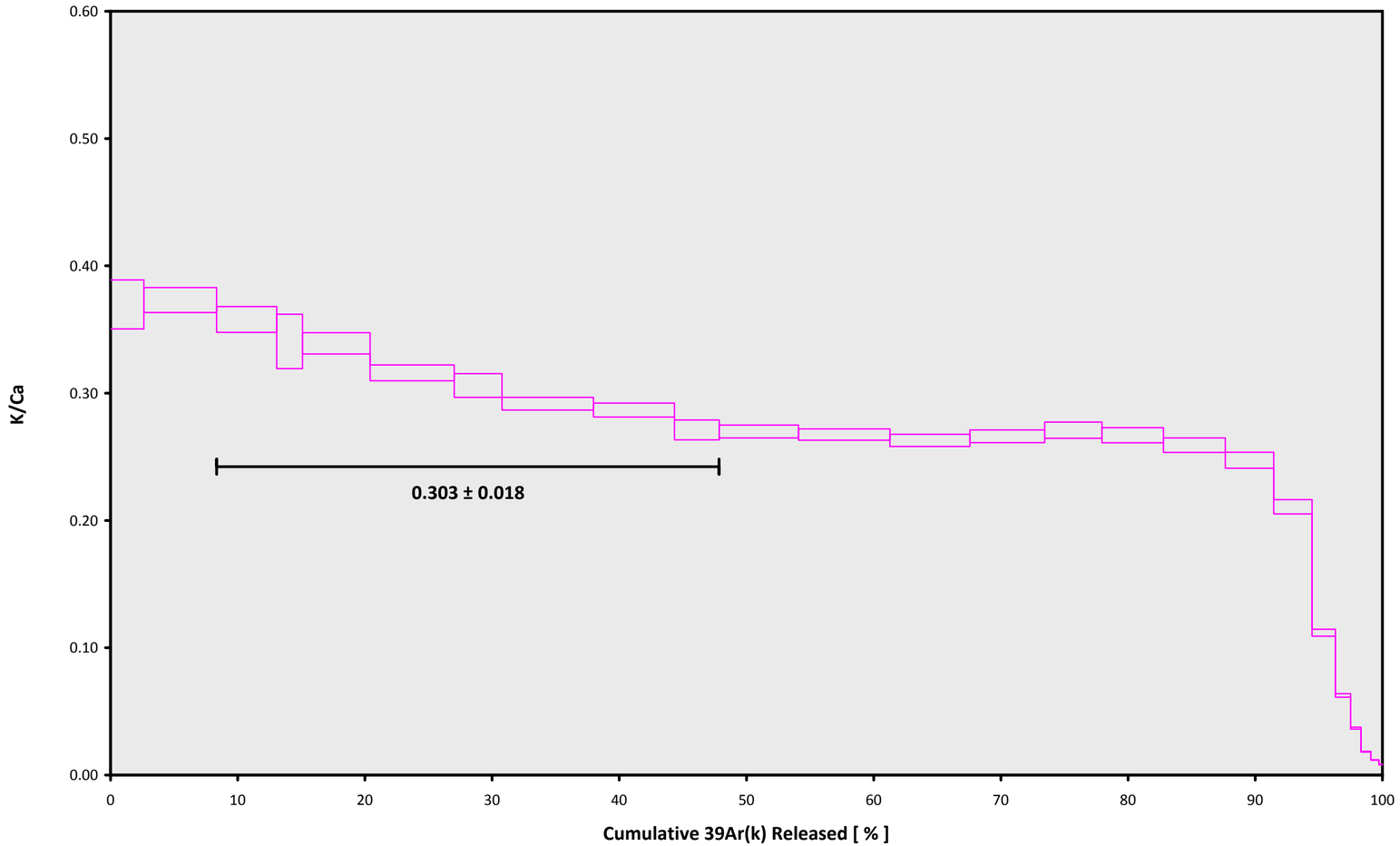
MSWD (PROBABILITY)
2.62 (1%)

Sample Info

Groundmass
Omura Guyot
Susan Schnur

IRR = 13-OSU-05
J = 0.00157136 ± 0.00000181

13D05091.AGE >>> MV1203-D37-03 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

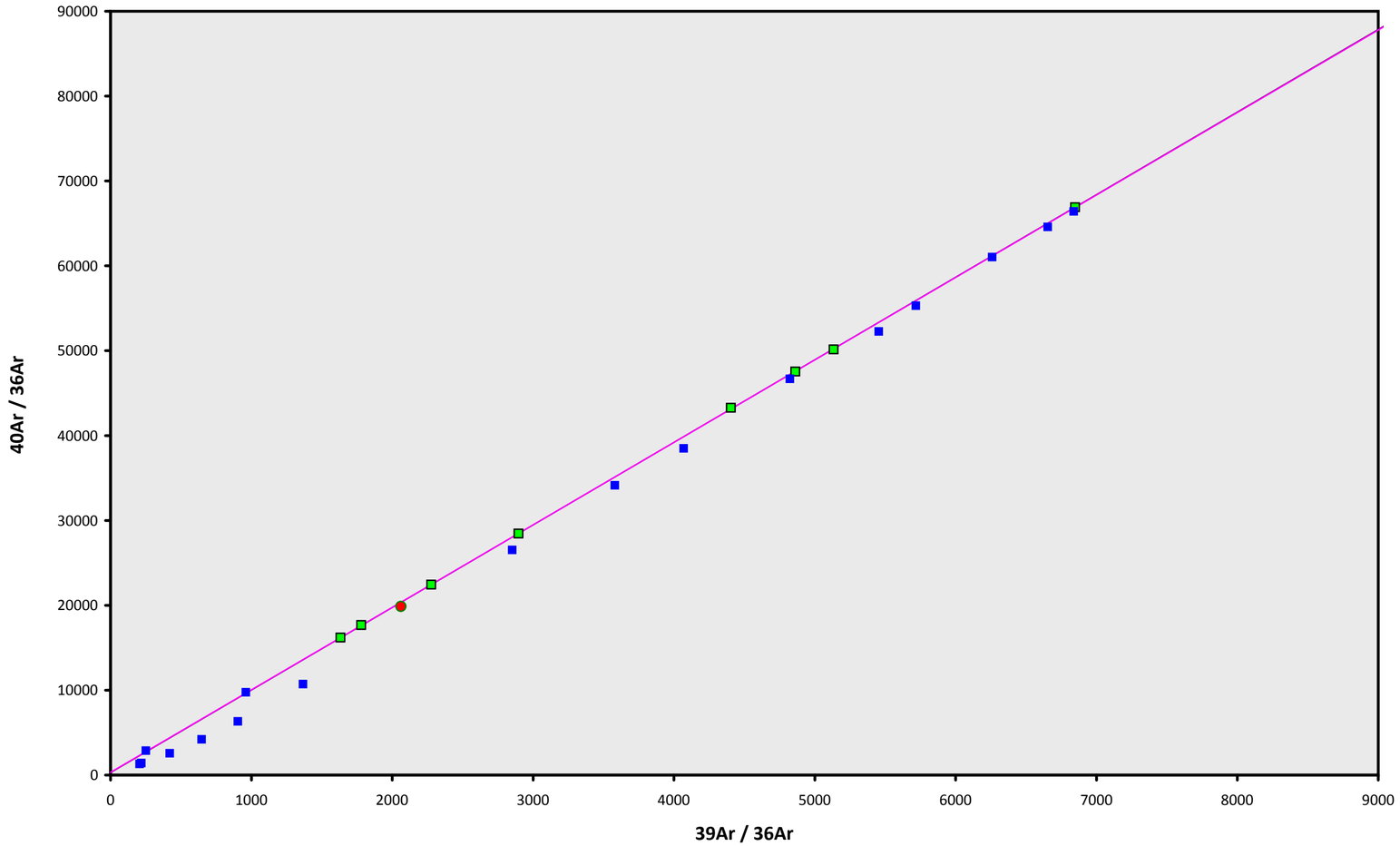
WEIGHTED PLATEAU
27.44 ± 0.07
TOTAL FUSION
26.78 ± 0.06
NORMAL ISOCHRON
27.40 ± 0.09
INVERSE ISOCHRON
27.39 ± 0.09

Sample Info

Groundmass
Omura Guyot
Susan Schnur

IRR = 13-OSU-05
J = 0.00157136 ± 0.00000181

13D05091.AGE >>> MV1203-D37-03 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
27.44 ± 0.07
TOTAL FUSION
26.78 ± 0.06
NORMAL ISOCHRON
27.40 ± 0.09
INVERSE ISOCHRON
27.39 ± 0.09

MSWD (PROBABILITY)
1.95 (7%)

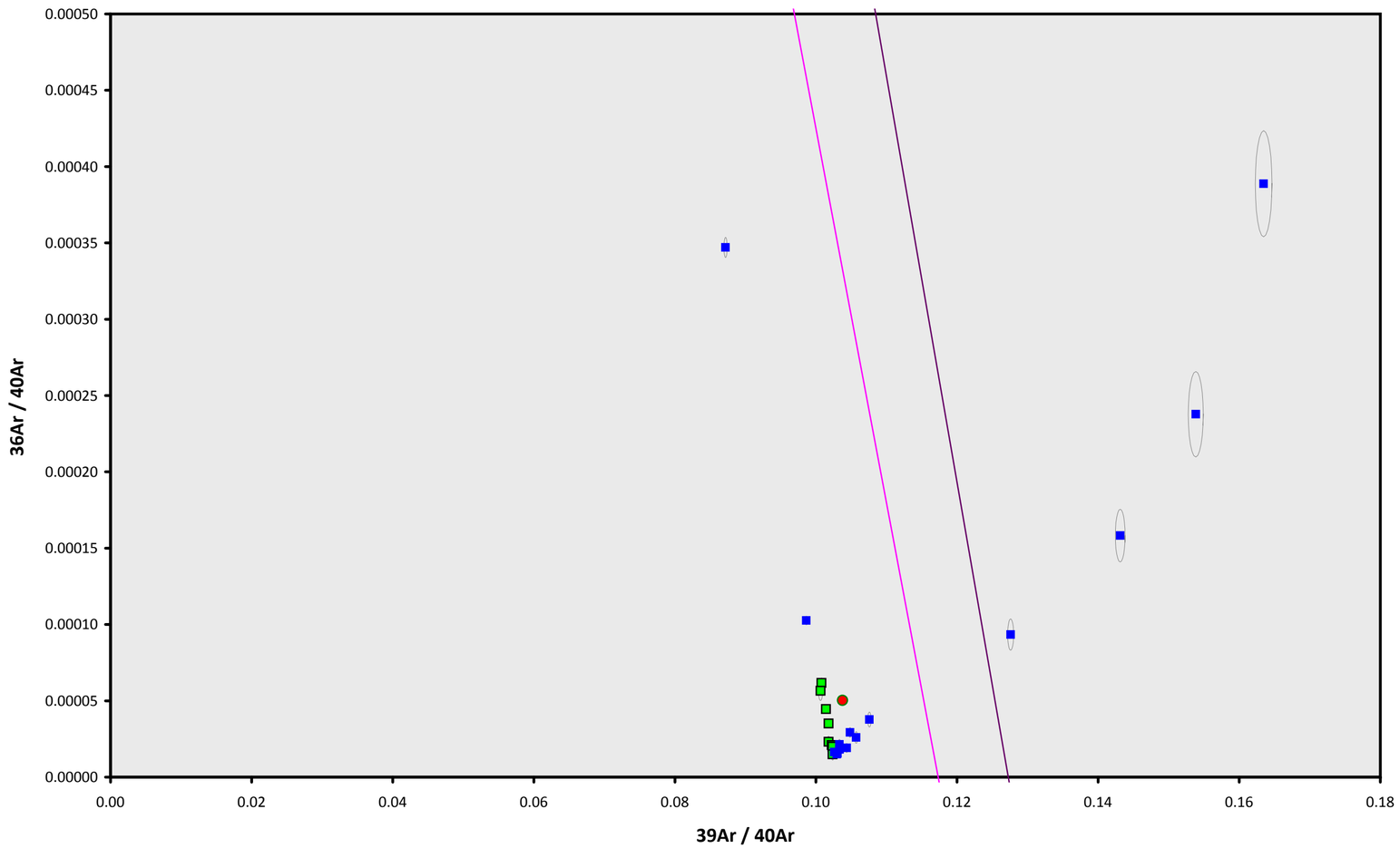
40AR/36AR INTERCEPT
334.8 ± 65.2

Sample Info

Groundmass
Omura Guyot
Susan Schnur

IRR = 13-OSU-05
J = 0.00157136 ± 0.00000181

13D05091.AGE >>> MV1203-D37-03 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
27.44 ± 0.07
TOTAL FUSION
26.78 ± 0.06
NORMAL ISOCHRON
27.40 ± 0.09
INVERSE ISOCHRON
27.39 ± 0.09

MSWD (PROBABILITY)
2.19 (4%)

SPREADING FACTOR
1.7%

40AR/36AR INTERCEPT
347.5 ± 68.5

Sample Info

Groundmass
Omura Guyot
Susan Schnur

IRR = 13-OSU-05
J = 0.00157136 ± 0.00000181