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
13D05174	1.8 %		0.1316145	0.974	12.22791	7.679	1.992556	1.949	162.7575	0.068	567.014	0.017	3.24710 ± 0.00659	9.99 ± 0.02	93.20	2.29	5.72 ± 0.88
13D05176	2.0 %		0.0119964	8.406	6.60313	14.177	1.140250	3.261	96.0454	0.077	304.591	0.028	3.13615 ± 0.00821	9.65 ± 0.03	98.89	1.35	6.25 ± 1.77
13D05177	2.2 %		0.0129349	7.761	9.21561	10.153	1.712925	2.309	139.6447	0.070	437.703	0.021	3.10856 ± 0.00632	9.57 ± 0.02	99.17	1.96	6.52 ± 1.32
13D05178	2.4 %		0.0207205	5.112	21.84921	4.133	3.694397	1.106	315.6161	0.065	979.380	0.012	3.08544 ± 0.00455	9.50 ± 0.01	99.43	4.44	6.21 ± 0.51
13D05180	2.7 %		0.0133124	7.851	19.28441	4.899	3.174895	1.243	261.8289	0.065	807.704	0.013	3.07196 ± 0.00476	9.46 ± 0.01	99.58	3.68	5.84 ± 0.57
13D05181	3.0 %		0.0175984	5.979	27.79554	3.342	4.536593	0.877	376.1342	0.064	1155.704	0.009	3.06090 ± 0.00433	9.42 ± 0.01	99.61	5.29	5.82 ± 0.39
13D05182	3.3 %		0.0113516	9.195	20.19337	4.616	3.086008	1.276	258.9588	0.066	793.867	0.013	3.05513 ± 0.00478	9.40 ± 0.01	99.65	3.64	5.51 ± 0.51
13D05184	3.6 %		0.0161053	6.532	28.08895	3.347	4.687453	0.838	395.0268	0.064	1207.608	0.009	3.04690 ± 0.00427	9.38 ± 0.01	99.66	5.56	6.05 ± 0.40
13D05185	3.9 %		0.0081077	12.250	15.48387	6.251	2.455326	1.615	209.0096	0.066	638.162	0.016	3.04396 ± 0.00508	9.37 ± 0.02	99.69	2.94	5.80 ± 0.73
13D05186	4.2 %		0.0098447	10.458	19.86779	4.529	3.114453	1.291	265.1492	0.065	807.985	0.012	3.03854 ± 0.00469	9.35 ± 0.01	99.71	3.73	5.74 ± 0.52
13D05188	4.5 %		0.0082688	12.296	19.24136	5.061	3.095098	1.267	253.9992	0.065	773.788	0.013	3.03910 ± 0.00472	9.36 ± 0.01	99.75	3.57	5.68 ± 0.57
13D05189	4.9 %		0.0126377	8.310	28.29733	3.374	4.596983	0.857	376.8224	0.064	1147.273	0.010	3.03694 ± 0.00431	9.35 ± 0.01	99.74	5.30	5.73 ± 0.39
13D05190	5.3 %	✓	0.0121847	8.274	28.53479	3.263	4.279038	0.886	364.3259	0.064	1108.746	0.010	3.03590 ± 0.00430	9.35 ± 0.01	99.75	5.12	5.49 ± 0.36
13D05192	5.7 %	✓	0.0095026	10.802	23.48095	4.001	3.587592	1.083	306.3551	0.065	930.964	0.011	3.03204 ± 0.00448	9.33 ± 0.01	99.77	4.31	5.61 ± 0.45
13D05193	6.1 %	✓	0.0317535	3.608	56.98315	1.814	8.670585	0.481	731.8682	0.063	2226.645	0.006	3.03205 ± 0.00397	9.33 ± 0.01	99.65	10.29	5.52 ± 0.20
13D05194	6.5 %	✓	0.0110192	9.577	23.09116	4.061	3.381516	1.126	284.3919	0.065	863.818	0.012	3.02870 ± 0.00460	9.32 ± 0.01	99.71	4.00	5.30 ± 0.43
13D05196	6.9 %	✓	0.0239576	4.620	38.78389	2.450	5.698061	0.713	483.3550	0.064	1470.103	0.008	3.02946 ± 0.00413	9.33 ± 0.01	99.60	6.80	5.36 ± 0.26
13D05197	7.3 %	✓	0.0373219	3.078	33.07783	2.885	4.853937	0.808	400.6270	0.064	1223.165	0.009	3.02845 ± 0.00429	9.32 ± 0.01	99.19	5.63	5.21 ± 0.30
13D05198	7.8 %	✓	0.0414818	2.703	28.69087	3.409	3.865809	1.009	320.0149	0.065	981.069	0.011	3.03081 ± 0.00452	9.33 ± 0.01	98.86	4.50	4.80 ± 0.33
13D05200	8.4 %	✓	0.0446797	2.505	24.72703	3.767	3.298118	1.154	272.0091	0.065	836.334	0.012	3.02964 ± 0.00474	9.33 ± 0.01	98.53	3.83	4.73 ± 0.36
13D05201	9.2 %	✓	0.0388897	2.806	19.98042	4.594	2.553034	1.517	213.8724	0.066	658.526	0.015	3.02905 ± 0.00515	9.32 ± 0.02	98.37	3.01	4.60 ± 0.42
13D05202	10.2 %	✓	0.0457472	2.452	17.93472	5.349	2.278002	1.691	190.0238	0.066	588.762	0.016	3.03102 ± 0.00549	9.33 ± 0.02	97.82	2.67	4.56 ± 0.49
13D05204	11.7 %	✓	0.0518437	2.150	18.62150	4.897	2.398418	1.616	194.1878	0.067	603.415	0.016	3.03242 ± 0.00546	9.33 ± 0.02	97.58	2.73	4.48 ± 0.44
13D05205	13.7 %	✓	0.0378099	2.884	12.82349	7.134	1.580845	2.502	129.4253	0.072	403.959	0.022	3.03904 ± 0.00687	9.35 ± 0.02	97.36	1.82	4.34 ± 0.62
13D05206	16.2 %	✓	0.0346311	3.069	7.16082	13.056	0.780597	4.970	60.5260	0.089	193.420	0.046	3.03237 ± 0.01232	9.33 ± 0.04	94.88	0.85	3.63 ± 0.95
13D05208	19.0 %	✓	0.0266909	3.879	3.90555	24.623	0.392364	9.353	29.7857	0.137	98.240	0.085	3.04028 ± 0.02342	9.36 ± 0.07	92.17	0.42	3.28 ± 1.61
13D05209	21.0 %	✓	0.0229832	4.471	1.79183	50.643	0.239197	16.586	17.9162	0.208	61.146	0.134	3.03818 ± 0.03816	9.35 ± 0.12	89.01	0.25	4.30 ± 4.35
		Σ	0.7449897	0.748	567.73646	0.862	85.144051	0.239	7109.6771	0.014	21869.089	0.002					

Information on Analysis and Constants Used in Calculations

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D42-08**
Material = **Groundmass**
Location = **Esk Guyot**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **13-OSU-05**
Position = **X: | Y: | Z/H: 32.46 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **9.20938 ± 0.01151**
FCT-NM J-value = **0.00170667 ± 0.00000213**
Air Shot 40Ar/36Ar = **302.7690 ± 0.2846**
Air Shot MDF = **0.99399014 ± 0.00062290 (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 = **IESS10026**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Trachyte**
Lat-Lon = **38°41.2'S - 11°48.1'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		3.03127 ± 0.00143 ± 0.05%	**9.33 ± 0.02 ± 0.25%**	1.14	56.24	5.14 ± 0.23
		Full External Error ± 0.21		31%	15	
		Analytical Error ± 0.00		1.76	2σ Confidence Limit	
				1.0684	Error Magnification	
Total Fusion Age		3.04763 ± 0.00100 ± 0.03%	**9.38 ± 0.02 ± 0.25%**		27	5.38 ± 0.09
		Full External Error ± 0.21				
		Analytical Error ± 0.00				
Normal Isochron	**291.29 ± 15.18 ± 5.21%**	3.03277 ± 0.00220 ± 0.07%	**9.34 ± 0.02 ± 0.26%**	1.60	56.24	
		Full External Error ± 0.21		8%	15	
		Analytical Error ± 0.01		1.78	2σ Confidence Limit	
				1.2658	Error Magnification	
				1	Number of Iterations	
				0.0000000404	Convergence	
Inverse Isochron	**301.39 ± 12.96 ± 4.30%**	3.03072 ± 0.00190 ± 0.06%	**9.33 ± 0.02 ± 0.26%**	1.15	56.24	
		Full External Error ± 0.21		31%	15	
		Analytical Error ± 0.01		1.78	2σ Confidence Limit	
				1.0745	Error Magnification	
Notes				3	Number of Iterations	
Slightly bowl-shaped but age probably acceptable.				0.0001222681	Convergence	
				11%	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
13D05174	1.8 %		0.1283558	12.22791	0.0096528	162.7492	528.462	9.99 ± 0.02	93.20	2.29	5.72 ± 0.88
13D05176	2.0 %		0.0102380	6.60313	0.0000000	96.0410	301.199	9.65 ± 0.03	98.89	1.35	6.25 ± 1.77
13D05177	2.2 %		0.0104733	9.21561	0.0303150	139.6385	434.074	9.57 ± 0.02	99.17	1.96	6.52 ± 1.32
13D05178	2.4 %		0.0149021	21.84921	0.0000000	315.6014	973.770	9.50 ± 0.01	99.43	4.44	6.21 ± 0.51
13D05180	2.7 %		0.0081715	19.28441	0.0220759	261.8159	804.289	9.46 ± 0.01	99.58	3.68	5.84 ± 0.57
13D05181	3.0 %		0.0101945	27.79554	0.0076476	376.1154	1151.253	9.42 ± 0.01	99.61	5.29	5.82 ± 0.39
13D05182	3.3 %		0.0059741	20.19337	0.0000000	258.9452	791.111	9.40 ± 0.01	99.65	3.64	5.51 ± 0.51
13D05184	3.6 %		0.0086252	28.08895	0.0000000	395.0079	1203.549	9.38 ± 0.01	99.66	5.56	6.05 ± 0.40
13D05185	3.9 %		0.0039843	15.48387	0.0000000	208.9991	636.185	9.37 ± 0.02	99.69	2.94	5.80 ± 0.73
13D05186	4.2 %		0.0045539	19.86779	0.0000000	265.1358	805.626	9.35 ± 0.01	99.71	3.73	5.74 ± 0.52
13D05188	4.5 %		0.0031355	19.24136	0.0374224	253.9862	771.890	9.36 ± 0.01	99.75	3.57	5.68 ± 0.57
13D05189	4.9 %		0.0050870	28.29733	0.0606798	376.8033	1144.329	9.35 ± 0.01	99.74	5.30	5.73 ± 0.39
13D05190	5.3 %	✓	0.0045859	28.53479	0.0000000	364.3066	1105.998	9.35 ± 0.01	99.75	5.12	5.49 ± 0.36
13D05192	5.7 %	✓	0.0032496	23.48095	0.0000000	306.3393	928.833	9.33 ± 0.01	99.77	4.31	5.61 ± 0.45
13D05193	6.1 %	✓	0.0165788	56.98315	0.0000000	731.8297	2218.948	9.33 ± 0.01	99.65	10.29	5.52 ± 0.20
13D05194	6.5 %	✓	0.0048700	23.09116	0.0000000	284.3763	861.291	9.32 ± 0.01	99.71	4.00	5.30 ± 0.43
13D05196	6.9 %	✓	0.0136294	38.78389	0.0000000	483.3288	1464.227	9.33 ± 0.01	99.60	6.80	5.36 ± 0.26
13D05197	7.3 %	✓	0.0285067	33.07783	0.0265599	400.6047	1213.210	9.32 ± 0.01	99.19	5.63	5.21 ± 0.30
13D05198	7.8 %	✓	0.0338395	28.69087	0.0075582	319.9955	969.846	9.33 ± 0.01	98.86	4.50	4.80 ± 0.33
13D05200	8.4 %	✓	0.0380907	24.72703	0.0168836	271.9924	824.039	9.33 ± 0.01	98.53	3.83	4.73 ± 0.36
13D05201	9.2 %	✓	0.0335689	19.98042	0.0000000	213.8589	647.789	9.32 ± 0.02	98.37	3.01	4.60 ± 0.42
13D05202	10.2 %	✓	0.0409711	17.93472	0.0000000	190.0117	575.929	9.33 ± 0.02	97.82	2.67	4.56 ± 0.49
13D05204	11.7 %	✓	0.0468718	18.62150	0.0521988	194.1752	588.822	9.33 ± 0.02	97.58	2.73	4.48 ± 0.44
13D05205	13.7 %	✓	0.0343909	12.82349	0.0164850	129.4166	393.302	9.35 ± 0.02	97.36	1.82	4.34 ± 0.62
13D05206	16.2 %	✓	0.0327127	7.16082	0.0458385	60.5212	183.522	9.33 ± 0.04	94.88	0.85	3.63 ± 0.95
13D05208	19.0 %	✓	0.0256437	3.90555	0.0289702	29.7831	90.549	9.36 ± 0.07	92.17	0.42	3.28 ± 1.61
13D05209	21.0 %	✓	0.0225012	1.79183	0.0193284	17.9150	54.429	9.35 ± 0.12	89.01	0.25	4.30 ± 4.35
		Σ	0.5937063	567.73646	0.3816162	7109.2936	21666.470				

Information on Analysis

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D42-08**
Material = **Groundmass**
Location = **Esk Guyot**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **13-OSU-05**
J = **0.00170667 ± 0.00000213**
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	3.03127	± 0.00143	**9.33**	**± 0.02**	1.14	56.24	5.14 ± 0.23
		± 0.05%		**± 0.25%**	31%	15	
			Full External Error	± 0.21	1.76	2σ Confidence Limit	
			Analytical Error	± 0.00	1.0684	Error Magnification	
Total Fusion Age	3.04763	± 0.00100	**9.38**	**± 0.02**		27	5.38 ± 0.09
		± 0.03%		**± 0.25%**			
			Full External Error	± 0.21			
			Analytical Error	± 0.00			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
13D05174	1.8 %		1267.95 ± 25.86	4412.67 ± 89.79	0.9976
13D05176	2.0 %		9380.80 ± 1903.70	29715.07 ± 6030.11	1.0000
13D05177	2.2 %		13332.84 ± 2633.73	41741.38 ± 8245.30	1.0000
13D05178	2.4 %		21178.32 ± 3087.53	65639.97 ± 9569.11	1.0000
13D05180	2.7 %		32040.32 ± 8430.71	98722.18 ± 25976.27	1.0000
13D05181	3.0 %		36893.84 ± 7824.54	113224.02 ± 24012.40	1.0000
13D05182	3.3 %		43344.95 ± 15569.21	132719.99 ± 47671.80	1.0000
13D05184	3.6 %		45797.02 ± 11483.55	139834.37 ± 35062.86	1.0000
13D05185	3.9 %		52455.05 ± 27017.33	159966.70 ± 82391.68	1.0000
13D05186	4.2 %		58222.02 ± 27030.17	177205.43 ± 82269.12	1.0000
13D05188	4.5 %		81003.50 ± 54217.28	246473.54 ± 164969.41	1.0000
13D05189	4.9 %		74071.38 ± 31471.53	225245.86 ± 95702.27	1.0000
13D05190	5.3 %	✓	79440.23 ± 35971.74	241467.98 ± 109339.92	1.0000
13D05192	5.7 %	✓	94269.97 ± 61299.00	286125.84 ± 186052.82	1.0000
13D05193	6.1 %	✓	44142.39 ± 6275.54	134137.66 ± 19069.06	1.0000
13D05194	6.5 %	✓	58393.28 ± 26006.73	177151.37 ± 78897.92	1.0000
13D05196	6.9 %	✓	35462.10 ± 5908.71	107726.66 ± 17948.95	1.0000
13D05197	7.3 %	✓	14053.01 ± 1160.44	42854.27 ± 3538.30	0.9999
13D05198	7.8 %	✓	9456.26 ± 643.45	28955.65 ± 1969.92	0.9998
13D05200	8.4 %	✓	7140.64 ± 429.96	21929.08 ± 1320.13	0.9998
13D05201	9.2 %	✓	6370.75 ± 424.57	19592.80 ± 1305.49	0.9998
13D05202	10.2 %	✓	4637.69 ± 260.54	14352.43 ± 806.08	0.9997
13D05204	11.7 %	✓	4142.69 ± 201.73	12857.88 ± 625.89	0.9996
13D05205	13.7 %	✓	3763.10 ± 244.60	11731.72 ± 762.38	0.9997
13D05206	16.2 %	✓	1850.08 ± 123.53	5905.63 ± 394.23	0.9995
13D05208	19.0 %	✓	1161.42 ± 96.67	3826.54 ± 318.40	0.9993
13D05209	21.0 %	✓	796.18 ± 74.78	2714.43 ± 254.81	0.9986

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	**291.29 ± 15.18 ± 5.21%**	3.03277 ± 0.00220 ± 0.07%	**9.34 ± 0.02 ± 0.26%**	1.60 8%
			Full External Error ± 0.21	
			Analytical Error ± 0.01	

Statistics				
	2σ Confidence Limit	1.78	Convergence	0.000000040430
	Error Magnification	1.2658	Number of Iterations	1
	Number of Data Points	15	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ		36(a)/40(a+r) ± 2σ		r.i.
13D05174	1.8 %		0.2873441	± 0.0004034	0.00022662	± 0.00000461	0.0043
13D05176	2.0 %		0.3156916	± 0.0005181	0.00003365	± 0.00000683	0.0010
13D05177	2.2 %		0.3194153	± 0.0004685	0.00002396	± 0.00000473	0.0006
13D05178	2.4 %		0.3226436	± 0.0004257	0.00001523	± 0.00000222	0.0003
13D05180	2.7 %		0.3245504	± 0.0004328	0.00001013	± 0.00000267	0.0002
13D05181	3.0 %		0.3258482	± 0.0004240	0.00000883	± 0.00000187	0.0001
13D05182	3.3 %		0.3265895	± 0.0004390	0.00000753	± 0.00000271	0.0001
13D05184	3.6 %		0.3275090	± 0.0004246	0.00000715	± 0.00000179	0.0001
13D05185	3.9 %		0.3279123	± 0.0004486	0.00000625	± 0.00000322	0.0001
13D05186	4.2 %		0.3285566	± 0.0004380	0.00000564	± 0.00000262	0.0001
13D05188	4.5 %		0.3286499	± 0.0004373	0.00000406	± 0.00000272	0.0001
13D05189	4.9 %		0.3288468	± 0.0004290	0.00000444	± 0.00000189	0.0001
13D05190	5.3 %	✓	0.3289887	± 0.0004281	0.00000414	± 0.00000188	0.0001
13D05192	5.7 %	✓	0.3294703	± 0.0004331	0.00000349	± 0.00000227	0.0001
13D05193	6.1 %	✓	0.3290828	± 0.0004182	0.00000746	± 0.00000106	0.0001
13D05194	6.5 %	✓	0.3296237	± 0.0004370	0.00000564	± 0.00000251	0.0001
13D05196	6.9 %	✓	0.3291859	± 0.0004225	0.00000928	± 0.00000155	0.0001
13D05197	7.3 %	✓	0.3279255	± 0.0004243	0.00002333	± 0.00000193	0.0004
13D05198	7.8 %	✓	0.3265774	± 0.0004294	0.00003454	± 0.00000235	0.0006
13D05200	8.4 %	✓	0.3256245	± 0.0004330	0.00004560	± 0.00000275	0.0008
13D05201	9.2 %	✓	0.3251577	± 0.0004420	0.00005104	± 0.00000340	0.0010
13D05202	10.2 %	✓	0.3231296	± 0.0004427	0.00006967	± 0.00000391	0.0015
13D05204	11.7 %	✓	0.3221904	± 0.0004476	0.00007777	± 0.00000379	0.0016
13D05205	13.7 %	✓	0.3207632	± 0.0004845	0.00008524	± 0.00000554	0.0021
13D05206	16.2 %	✓	0.3132746	± 0.0006298	0.00016933	± 0.00001130	0.0063
13D05208	19.0 %	✓	0.3035169	± 0.0009765	0.00026133	± 0.00002174	0.0107
13D05209	21.0 %	✓	0.2933131	± 0.0014511	0.00036840	± 0.00003458	0.0156

Results	40(a)/36(a) ± 2σ		40(r)/39(k) ± 2σ		Age ± 2σ (Ma)		MSWD
Inverse Isochron	**301.39**	**± 12.96**	3.03072	± 0.00190	**9.33**	**± 0.02**	1.15
		± 4.30%		± 0.06%		**± 0.26%**	31%
					Full External Error	± 0.21	
					Analytical Error	± 0.01	

Statistics				
	2σ Confidence Limit	1.78	Convergence	0.0001222681
	Error Magnification	1.0745	Number of Iterations	3
	Number of Data Points	15	Calculated Line	Weighted York-2
	Spreading Factor	11.0%		

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
13D05174	1.8 %		0.1283558	1.02	0.0000000	0.00	0.0032563	7.68	0.0000024	403.92	12.22791	7.68	0.0239897	1.02	0.0000000	0.00	1.958036	0.17	0.0008780	14.94	0.0096528	403.92	162.7492	0.07	0.0082612	7.79	528.462	0.08	37.92915	1.02	0.0000000	0.00	0.622190	2.66
13D05176	2.0 %		0.0102380	10.15	0.0000000	0.00	0.0017584	14.18	0.0000000	0.00	6.60313	14.18	0.0019135	10.15	0.0000000	0.00	1.155469	0.18	0.0004741	19.11	0.0000000	0.00	96.0410	0.08	0.0044611	14.24	301.199	0.11	3.02534	10.15	0.0000000	0.00	0.367165	2.66
13D05177	2.2 %		0.0104733	9.88	0.0000000	0.00	0.0024541	10.15	0.0000076	130.85	9.21561	10.15	0.0019575	9.88	0.0000000	0.00	1.679991	0.17	0.0006617	16.35	0.0303150	130.86	139.6385	0.07	0.0062261	10.24	434.074	0.07	3.09485	9.88	0.0000000	0.00	0.533838	2.66
13D05178	2.4 %		0.0149021	7.29	0.0000000	0.00	0.0058184	4.14	0.0000000	0.00	21.84921	4.13	0.0027852	7.29	0.0000000	0.00	3.797000	0.17	0.0015688	13.47	0.0000000	0.00	315.6014	0.06	0.0147613	4.34	973.770	0.04	4.40357	7.29	0.0000000	0.00	1.206544	2.66
13D05180	2.7 %		0.0081715	13.16	0.0000000	0.00	0.0051354	4.90	0.0000055	180.45	19.28441	4.90	0.0015272	13.16	0.0000000	0.00	3.149907	0.17	0.0013846	13.72	0.0220759	180.45	261.8159	0.07	0.0130285	5.07	804.289	0.04	2.41466	13.16	0.0000000	0.00	1.000922	2.66
13D05181	3.0 %		0.0101945	10.60	0.0000000	0.00	0.0074020	3.35	0.0000019	530.24	27.79554	3.34	0.0019054	10.60	0.0000000	0.00	4.525044	0.17	0.0019957	13.25	0.0076476	530.24	376.1154	0.06	0.0187787	3.59	1151.253	0.03	3.01248	10.60	0.0000000	0.00	1.437889	2.66
13D05182	3.3 %		0.0059741	17.96	0.0000000	0.00	0.0053775	4.62	0.0000000	0.00	20.19337	4.62	0.0011166	17.96	0.0000000	0.00	3.115370	0.17	0.0014499	13.63	0.0000000	0.00	258.9452	0.07	0.0136426	4.80	791.111	0.04	1.76533	17.96	0.0000000	0.00	0.989947	2.66
13D05184	3.6 %		0.0086252	12.54	0.0000000	0.00	0.0074801	3.35	0.0000000	0.00	28.08895	3.35	0.0016120	12.54	0.0000000	0.00	4.752340	0.17	0.0020168	13.25	0.0000000	0.00	395.0079	0.06	0.0189769	3.60	1203.549	0.03	2.54874	12.54	0.0000000	0.00	1.510115	2.66
13D05185	3.9 %		0.0039843	25.75	0.0000000	0.00	0.0041234	6.25	0.0000000	0.00	15.48387	6.25	0.0007447	25.75	0.0000000	0.00	2.514468	0.17	0.0011117	14.26	0.0000000	0.00	208.9991	0.07	0.0104609	6.39	636.185	0.05	1.17737	25.75	0.0000000	0.00	0.799004	2.66
13D05186	4.2 %		0.0045539	23.21	0.0000000	0.00	0.0052908	4.53	0.0000000	0.00	19.86779	4.53	0.0008511	23.21	0.0000000	0.00	3.189848	0.17	0.0014265	13.60	0.0000000	0.00	265.1358	0.07	0.0134227	4.72	805.626	0.04	1.34567	23.21	0.0000000	0.00	1.013614	2.66
13D05188	4.5 %		0.0031355	33.47	0.0000000	0.00	0.0051240	5.06	0.0000093	105.73	19.24136	5.06	0.0005860	33.47	0.0000000	0.00	3.055708	0.17	0.0013815	13.78	0.0374224	105.74	253.9862	0.07	0.0129995	5.23	771.890	0.04	0.92654	33.47	0.0000000	0.00	0.970989	2.66
13D05189	4.9 %		0.0050870	21.24	0.0000000	0.00	0.0075356	3.38	0.0000151	66.19	28.29733	3.37	0.0009508	21.24	0.0000000	0.00	4.533321	0.17	0.0020317	13.26	0.0606798	66.19	376.8033	0.06	0.0191177	3.62	1144.329	0.03	1.50322	21.24	0.0000000	0.00	1.440519	2.66
13D05190	5.3 %	✓	0.0045859	22.64	0.0000000	0.00	0.0075988	3.27	0.0000000	0.00	28.53479	3.26	0.0008571	22.64	0.0000000	0.00	4.382972	0.17	0.0020488	13.23	0.0000000	0.00	364.3066	0.06	0.0192781	3.52	1105.998	0.03	1.35514	22.64	0.0000000	0.00	1.392744	2.66
13D05192	5.7 %	✓	0.0032496	32.51	0.0000000	0.00	0.0062530	4.00	0.0000000	0.00	23.48095	4.00	0.0006073	32.51	0.0000000	0.00	3.685568	0.17	0.0016859	13.43	0.0000000	0.00	306.3393	0.06	0.0158637	4.21	928.833	0.04	0.96026	32.51	0.0000000	0.00	1.171135	2.66
13D05193	6.1 %	✓	0.0165788	7.11	0.0000000	0.00	0.0151746	1.82	0.0000000	0.00	56.98315	1.81	0.0030986	7.11	0.0000000	0.00	8.804643	0.17	0.0040914	12.95	0.0000000	0.00	731.8297	0.06	0.0384978	2.24	2218.948	0.02	4.89905	7.11	0.0000000	0.00	2.797785	2.66
13D05194	6.5 %	✓	0.0048700	22.27	0.0000000	0.00	0.0061492	4.06	0.0000000	0.00	23.09116	4.06	0.0009102	22.27	0.0000000	0.00	3.421332	0.17	0.0016579	13.45	0.0000000	0.00	284.3763	0.07	0.0156004	4.27	861.291	0.04	1.43909	22.27	0.0000000	0.00	1.087171	2.66
13D05196	6.9 %	✓	0.0136294	8.33	0.0000000	0.00	0.0103281	2.45	0.0000000	0.00	38.78389	2.45	0.0025473	8.33	0.0000000	0.00	5.814928	0.17	0.0027847	13.05	0.0000000	0.00	483.3288	0.06	0.0262024	2.78	1464.227	0.02	4.02750	8.33	0.0000000	0.00	1.847766	2.66
13D05197	7.3 %	✓	0.0285067	4.13	0.0000000	0.00	0.0088086	2.89	0.0000066	151.02	33.07783	2.89	0.0053279	4.13	0.0000000	0.00	4.819675	0.17	0.0023750	13.14	0.0265599	151.02	400.6047	0.06	0.0223474	3.17	1213.210	0.03	8.42373	4.13	0.0000000	0.00	1.531512	2.66
13D05198	7.8 %	✓	0.0338395	3.40	0.0000000	0.00	0.0076404	3.41	0.0000019	523.46	28.69087	3.41	0.0063246	3.40	0.0000000	0.00	3.849866	0.17	0.0020600	13.27	0.0075582	523.46	319.9955	0.06	0.0193835	3.66	969.846	0.04	9.99958	3.40	0.0000000	0.00	1.223343	2.66
13D05200	8.4 %	✓	0.0380907	3.01	0.0000000	0.00	0.0065848	3.77	0.0000042	227.96	24.72703	3.77	0.0071192	3.01	0.0000000	0.00	3.272340	0.17	0.0017754	13.36	0.0168836	227.96	271.9924	0.07	0.0167056	3.99	824.039	0.04	11.25581	3.01	0.0000000	0.00	1.039827	2.66
13D05201	9.2 %	✓	0.0335689	3.33	0.0000000	0.00	0.0053208	4.60	0.0000000	0.00	19.98042	4.59	0.0062740	3.33	0.0000000	0.00	2.572936	0.17	0.0014346	13.62	0.0000000	0.00	213.8589	0.07	0.0134988	4.78	647.789	0.05	9.91960	3.33	0.0000000	0.00	0.817582	2.66
13D05202	10.2 %	✓	0.0409711	2.81	0.0000000	0.00	0.0047760	5.35	0.0000000	0.00	17.93472	5.35	0.0076575	2.81	0.0000000	0.00	2.286030	0.17	0.0012877	13.89	0.0000000	0.00	190.0117	0.07	0.0121167	5.51	575.929	0.06	12.10697	2.81	0.0000000	0.00	0.726415	2.66
13D05204	11.7 %	✓	0.0468718	2.43	0.0000000	0.00	0.0049589	4.90	0.0000130	74.66	18.62150	4.90	0.0087603	2.43	0.0000000	0.00	2.336122	0.17	0.0013370	13.72	0.0521988	74.66	194.1752	0.07	0.0125807	5.07	588.822	0.06	13.85062	2.43	0.0000000	0.00	0.742332	2.66
13D05205	13.7 %	✓	0.0343909	3.25	0.0000000	0.00	0.0034149	7.14	0.0000041	240.56	12.82349	7.13	0.0064277	3.25	0.0000000	0.00	1.557011	0.18	0.0009207	14.67	0.0164850	240.56	129.4166	0.07	0.0086636	7.26	393.302	0.09	10.16252	3.25	0.0000000	0.00	0.494760	2.66
13D05206	16.2 %	✓	0.0327127	3.34	0.0000000	0.00	0.0019069	13.06	0.0000114	84.69	7.16082	13.06	0.0061140	3.34	0.0000000	0.00	0.728130	0.18	0.0005141	18.30	0.0458385	84.69	60.5212	0.09	0.0048379	13.12	183.522	0.18	9.66660	3.34	0.0000000	0.00	0.231373	2.66
13D05208	19.0 %	✓	0.0256437	4.16	0.0000000	0.00	0.0010400	24.62	0.0000072	126.71	3.90555	24.62	0.0047928	4.16	0.0000000	0.00	0.358320	0.21	0.0002804	27.76	0.0289702	126.71	29.7831	0.14	0.0026386	24.66	90.549	0.36	7.57770	4.16	0.0000000	0.00	0.113861	2.66
13D05209	21.0 %	✓	0.0225012	4.69	0.0000000	0.00	0.0004772	50.64	0.0000048	205.29	1.79183	50.64	0.0042055	4.69	0.0000000	0.00	0.215535	0.26	0.0001287	52.24	0.0193284	205.29	17.9150	0.21	0.0012106	50.66	54.429	0.59	6.64911	4.69	0.0000000	0.00	0.068489	2.67
		Σ	0.5937063	0.96	0.0000000	0.00	0.1511882	0.86	0.0000952	38.58	567.73646	0.86	0.1109637	0.96	0.0000000	0.00	85.531911	0.04	0.0407635	2.93	0.3816162	38.58	7109.2936	0.01	0.3835628	0.91	21666.470	0.01	175.44022	0.96	0.0000000	0.00	27.178829	0.59
		Σ							0.7449897	0.79	567.73646	0.86									86.065254	0.18			7109.6771	0.01							21869.089	0.01

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
13D05174	1.8 %		3.483794	0.002443	0.075130	0.005769	0.000809	0.000008	153.373	20.736384	1.00108367	2.722E-11
13D05176	2.0 %		3.171324	0.002600	0.068750	0.009747	0.000125	0.000011	153.390	20.743496	1.00108379	1.462E-11
13D05177	2.2 %		3.134404	0.002296	0.065993	0.006700	0.000093	0.000007	153.399	20.747195	1.00108385	2.101E-11
13D05178	2.4 %		3.103073	0.002044	0.069227	0.002861	0.000066	0.000003	153.408	20.750610	1.00108391	4.701E-11
13D05180	2.7 %		3.084855	0.002054	0.073653	0.003609	0.000051	0.000004	153.425	20.757727	1.00108404	3.877E-11
13D05181	3.0 %		3.072583	0.001996	0.073898	0.002470	0.000047	0.000003	153.433	20.761144	1.00108409	5.547E-11
13D05182	3.3 %		3.065610	0.002058	0.077979	0.003599	0.000044	0.000004	153.442	20.764847	1.00108416	3.811E-11
13D05184	3.6 %		3.057027	0.001979	0.071106	0.002381	0.000041	0.000003	153.460	20.771969	1.00108428	5.797E-11
13D05185	3.9 %		3.053266	0.002086	0.074082	0.004631	0.000039	0.000005	153.468	20.775388	1.00108434	3.063E-11
13D05186	4.2 %		3.047284	0.002028	0.074931	0.003394	0.000037	0.000004	153.476	20.778808	1.00108440	3.878E-11
13D05188	4.5 %		3.046419	0.002024	0.075754	0.003834	0.000033	0.000004	153.494	20.785935	1.00108452	3.714E-11
13D05189	4.9 %		3.044598	0.001983	0.075095	0.002534	0.000034	0.000003	153.503	20.789641	1.00108459	5.507E-11
13D05190	5.3 %	✓	3.043280	0.001977	0.078322	0.002556	0.000033	0.000003	153.511	20.793064	1.00108464	5.322E-11
13D05192	5.7 %	✓	3.038840	0.001995	0.076646	0.003067	0.000031	0.000003	153.528	20.800195	1.00108477	4.469E-11
13D05193	6.1 %	✓	3.042412	0.001930	0.077860	0.001413	0.000043	0.000002	153.537	20.803619	1.00108483	1.069E-10
13D05194	6.5 %	✓	3.037419	0.002011	0.081195	0.003298	0.000039	0.000004	153.546	20.807329	1.00108489	4.146E-11
13D05196	6.9 %	✓	3.041455	0.001949	0.080239	0.001967	0.000050	0.000002	153.563	20.814465	1.00108501	7.056E-11
13D05197	7.3 %	✓	3.053126	0.001972	0.082565	0.002383	0.000093	0.000003	153.572	20.817892	1.00108507	5.871E-11
13D05198	7.8 %	✓	3.065699	0.002013	0.089655	0.003057	0.000130	0.000004	153.581	20.821604	1.00108513	4.709E-11
13D05200	8.4 %	✓	3.074656	0.002041	0.090905	0.003425	0.000164	0.000004	153.597	20.828460	1.00108525	4.014E-11
13D05201	9.2 %	✓	3.079060	0.002090	0.093422	0.004292	0.000182	0.000005	153.606	20.832174	1.00108532	3.161E-11
13D05202	10.2 %	✓	3.098359	0.002120	0.094381	0.005049	0.000241	0.000006	153.615	20.835604	1.00108538	2.826E-11
13D05204	11.7 %	✓	3.107377	0.002156	0.095894	0.004696	0.000267	0.000006	153.632	20.842750	1.00108550	2.896E-11
13D05205	13.7 %	✓	3.121179	0.002355	0.099080	0.007069	0.000292	0.000008	153.641	20.846467	1.00108556	1.939E-11
13D05206	16.2 %	✓	3.195655	0.003209	0.118310	0.015447	0.000572	0.000018	153.649	20.849898	1.00108562	9.284E-12
13D05208	19.0 %	✓	3.298240	0.005302	0.131122	0.032287	0.000896	0.000035	153.667	20.857049	1.00108574	4.716E-12
13D05209	21.0 %	✓	3.412919	0.008438	0.100012	0.050649	0.001283	0.000057	153.681	20.863058	1.00108585	2.935E-12

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
13D05174	1.8 %	0.0148997 ± 0.0008787	0.0353599 ± 0.0327077	0.0376222 ± 0.0269874	0.0484560 ± 0.0241847	4.1375079 ± 0.0763815
13D05176	2.0 %	0.0146079 ± 0.0008787	0.0237535 ± 0.0327077	0.0277567 ± 0.0269874	0.0442644 ± 0.0241847	4.0452755 ± 0.0763815
13D05177	2.2 %	0.0144834 ± 0.0008787	0.0186688 ± 0.0327077	0.0241300 ± 0.0269874	0.0439315 ± 0.0241847	4.0134966 ± 0.0763815
13D05178	2.4 %	0.0143835 ± 0.0008787	0.0144818 ± 0.0327077	0.0215186 ± 0.0269874	0.0444340 ± 0.0241847	3.9921198 ± 0.0763815
13D05180	2.7 %	0.0142176 ± 0.0008787	0.0071228 ± 0.0327077	0.0178626 ± 0.0269874	0.0471264 ± 0.0241847	3.9669135 ± 0.0763815
13D05181	3.0 %	0.0141563 ± 0.0008787	0.0041600 ± 0.0327077	0.0167593 ± 0.0269874	0.0488506 ± 0.0241847	3.9618595 ± 0.0763815
13D05182	3.3 %	0.0141018 ± 0.0008787	0.0013096 ± 0.0327077	0.0159051 ± 0.0269874	0.0507989 ± 0.0241847	3.9600355 ± 0.0763815
13D05184	3.6 %	0.0140282 ± 0.0008787	0.0032687 ± 0.0327077	0.0149238 ± 0.0269874	0.0542043 ± 0.0241847	3.9633713 ± 0.0763815
13D05185	3.9 %	0.0140056 ± 0.0008787	0.0051047 ± 0.0327077	0.0146289 ± 0.0269874	0.0554533 ± 0.0241847	3.9666027 ± 0.0763815
13D05186	4.2 %	0.0139901 ± 0.0008787	0.0067395 ± 0.0327077	0.0143785 ± 0.0269874	0.0563361 ± 0.0241847	3.9700350 ± 0.0763815
13D05188	4.5 %	0.0139778 ± 0.0008787	0.0095863 ± 0.0327077	0.0138350 ± 0.0269874	0.0567318 ± 0.0241847	3.9756199 ± 0.0763815
13D05189	4.9 %	0.0139802 ± 0.0008787	0.0108064 ± 0.0327077	0.0134768 ± 0.0269874	0.0560695 ± 0.0241847	3.9767288 ± 0.0763815
13D05190	5.3 %	0.0139867 ± 0.0008787	0.0117924 ± 0.0327077	0.0130776 ± 0.0269874	0.0549011 ± 0.0241847	3.9762291 ± 0.0763815
13D05192	5.7 %	0.0140107 ± 0.0008787	0.0134483 ± 0.0327077	0.0120242 ± 0.0269874	0.0507672 ± 0.0241847	3.9697137 ± 0.0763815
13D05193	6.1 %	0.0140258 ± 0.0008787	0.0140601 ± 0.0327077	0.0114306 ± 0.0269874	0.0480178 ± 0.0241847	3.9638096 ± 0.0763815
13D05194	6.5 %	0.0140440 ± 0.0008787	0.0145889 ± 0.0327077	0.0107544 ± 0.0269874	0.0445489 ± 0.0241847	3.9554315 ± 0.0763815
13D05196	6.9 %	0.0140813 ± 0.0008787	0.0151934 ± 0.0327077	0.0095094 ± 0.0269874	0.0367606 ± 0.0241847	3.9342468 ± 0.0763815
13D05197	7.3 %	0.0140993 ± 0.0008787	0.0152728 ± 0.0327077	0.0090326 ± 0.0269874	0.0326911 ± 0.0241847	3.9222650 ± 0.0763815
13D05198	7.8 %	0.0141179 ± 0.0008787	0.0151852 ± 0.0327077	0.0086919 ± 0.0269874	0.0282122 ± 0.0241847	3.9085302 ± 0.0763815
13D05200	8.4 %	0.0141481 ± 0.0008787	0.0144789 ± 0.0327077	0.0088318 ± 0.0269874	0.0203143 ± 0.0241847	3.8831638 ± 0.0763815
13D05201	9.2 %	0.0141613 ± 0.0008787	0.0137533 ± 0.0327077	0.0095095 ± 0.0269874	0.0165949 ± 0.0241847	3.8707917 ± 0.0763815
13D05202	10.2 %	0.0141708 ± 0.0008787	0.0128350 ± 0.0327077	0.0106396 ± 0.0269874	0.0137576 ± 0.0241847	3.8612103 ± 0.0763815
13D05204	11.7 %	0.0141809 ± 0.0008787	0.0100257 ± 0.0327077	0.0150145 ± 0.0269874	0.0105706 ± 0.0241847	3.8505716 ± 0.0763815
13D05205	13.7 %	0.0141801 ± 0.0008787	0.0080080 ± 0.0327077	0.0186438 ± 0.0269874	0.0108908 ± 0.0241847	3.8522185 ± 0.0763815
13D05206	16.2 %	0.0141753 ± 0.0008787	0.0057543 ± 0.0327077	0.0229994 ± 0.0269874	0.0127339 ± 0.0241847	3.8595842 ± 0.0763815
13D05208	19.0 %	0.0141515 ± 0.0008787	0.0003321 ± 0.0327077	0.0357986 ± 0.0269874	0.0225232 ± 0.0241847	3.8980910 ± 0.0763815
13D05209	21.0 %	0.0141158 ± 0.0008787	0.0071442 ± 0.0327077	0.0512652 ± 0.0269874	0.0385124 ± 0.0241847	3.9614888 ± 0.0763815

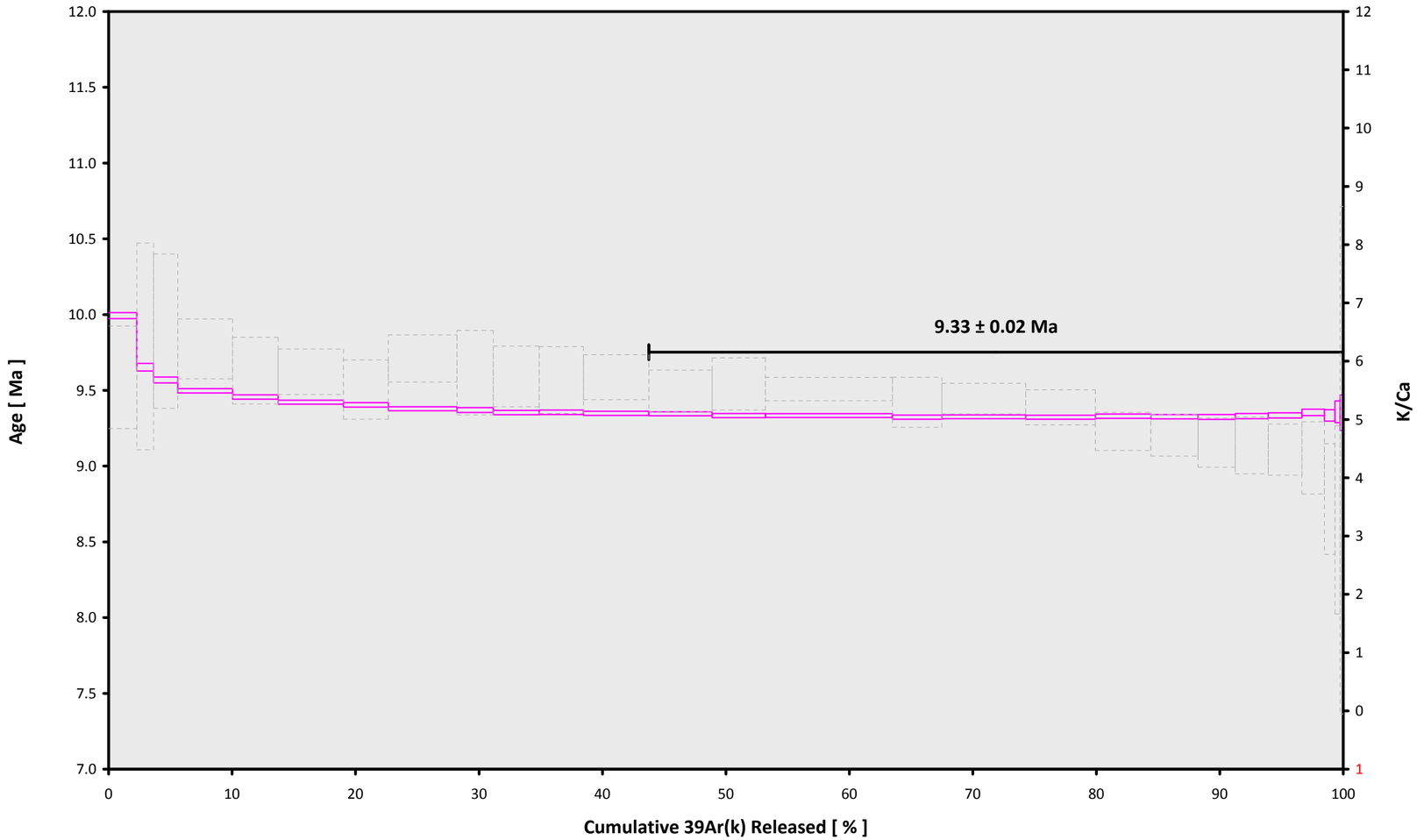
Intercept Values		36Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	37Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	38Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	39Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	40Ar ± 1σ (SE) [fA]	r2	Regression (type,n)
13D05174	1.8 %	0.1422492 ± 0.0008125	0.0685	EXP 150 of 150	0.6144273 ± 0.0299978	0.0050	EXP 150 of 150	1.9309884 ± 0.0271632	0.1590	EXP 150 of 150	161.654560 ± 0.035587	0.9989	EXP 150 of 150	572.343062 ± 0.060875	0.9997	EXP 150 of 150
13D05176	2.0 %	0.0262156 ± 0.0004233	0.7350	EXP 150 of 150	0.3363456 ± 0.0298636	0.0064	EXP 150 of 150	1.0987901 ± 0.0248794	0.0585	EXP 150 of 150	95.410216 ± 0.035074	0.9970	EXP 150 of 150	309.276654 ± 0.041560	0.9994	EXP 150 of 150
13D05177	2.2 %	0.0269992 ± 0.0004129	0.8049	EXP 150 of 150	0.4548580 ± 0.0297859	0.0000	EXP 150 of 150	1.6682096 ± 0.0281849	0.1881	EXP 150 of 150	138.700743 ± 0.036828	0.9984	EXP 150 of 150	442.636515 ± 0.052084	0.9996	EXP 150 of 150
13D05178	2.4 %	0.0344326 ± 0.0005251	0.8668	EXP 150 of 150	1.0484687 ± 0.0270636	0.0262	EXP 150 of 150	3.6284803 ± 0.0296761	0.3563	EXP 150 of 150	313.427742 ± 0.047690	0.9995	EXP 150 of 150	985.430671 ± 0.085471	0.9998	EXP 150 of 150
13D05180	2.7 %	0.0270986 ± 0.0004995	0.8652	EXP 150 of 150	0.9194204 ± 0.0301507	0.0323	EXP 150 of 150	3.1188775 ± 0.0278543	0.3860	EXP 150 of 150	260.023713 ± 0.042468	0.9994	EXP 150 of 150	813.369054 ± 0.071612	0.9998	EXP 150 of 150
13D05181	3.0 %	0.0311844 ± 0.0005125	0.9014	EXP 150 of 150	1.3188820 ± 0.0286722	0.0733	EXP 150 of 150	4.4653148 ± 0.0280202	0.5108	EXP 150 of 150	373.522000 ± 0.049964	0.9996	EXP 150 of 150	1162.094857 ± 0.077640	0.9999	EXP 150 of 150
13D05182	3.3 %	0.0250855 ± 0.0004971	0.8696	EXP 150 of 150	0.9562806 ± 0.0291979	0.1054	EXP 150 of 150	3.0330168 ± 0.0277379	0.2858	EXP 150 of 150	257.177562 ± 0.047125	0.9993	EXP 150 of 150	799.495538 ± 0.069716	0.9998	EXP 150 of 150
13D05184	3.6 %	0.0296115 ± 0.0005122	0.9127	EXP 150 of 150	1.3246391 ± 0.0294361	0.0170	EXP 150 of 150	4.6161974 ± 0.0272501	0.5261	EXP 150 of 150	392.286278 ± 0.048999	0.9997	EXP 150 of 150	1214.109696 ± 0.079450	0.9999	EXP 150 of 150
13D05185	3.9 %	0.0218505 ± 0.0003886	0.8874	EXP 149 of 150	0.7267763 ± 0.0317957	0.0084	EXP 150 of 150	2.4111896 ± 0.0282355	0.1666	EXP 150 of 150	207.586311 ± 0.039907	0.9992	EXP 150 of 150	643.469933 ± 0.066010	0.9997	EXP 150 of 150
13D05186	4.2 %	0.0235158 ± 0.0004687	0.8893	EXP 150 of 150	0.9322030 ± 0.0268102	0.0153	EXP 150 of 150	3.0626466 ± 0.0288753	0.1715	EXP 150 of 150	263.329588 ± 0.044492	0.9994	EXP 150 of 150	813.653356 ± 0.062161	0.9999	EXP 150 of 150
13D05188	4.5 %	0.0219786 ± 0.0004419	0.8881	EXP 150 of 150	0.8994395 ± 0.0320639	0.0177	EXP 150 of 150	3.0440675 ± 0.0275222	0.4300	EXP 149 of 150	252.258882 ± 0.039785	0.9995	EXP 150 of 150	779.390220 ± 0.062064	0.9998	EXP 150 of 150
13D05189	4.9 %	0.0262084 ± 0.0005096	0.9039	EXP 150 of 150	1.3258153 ± 0.0303914	0.0202	EXP 150 of 150	4.5282615 ± 0.0274426	0.5735	EXP 148 of 150	374.212426 ± 0.052076	0.9996	EXP 150 of 150	1153.661346 ± 0.081725	0.9999	EXP 150 of 150
13D05190	5.3 %	0.0257766 ± 0.0004226	0.9338	EXP 148 of 150	1.3358238 ± 0.0286974	0.0471	EXP 150 of 150	4.2145368 ± 0.0254415	0.4024	EXP 150 of 150	361.803068 ± 0.047781	0.9996	EXP 150 of 150	1115.052598 ± 0.073276	0.9999	EXP 150 of 150
13D05192	5.7 %	0.0232053 ± 0.0004623	0.8988	EXP 150 of 150	1.0951093 ± 0.0294963	0.0138	EXP 150 of 150	3.5324536 ± 0.0269441	0.3044	EXP 149 of 150	304.238334 ± 0.043690	0.9995	EXP 150 of 150	936.891082 ± 0.072188	0.9999	EXP 150 of 150
13D05193	6.1 %	0.0447503 ± 0.0006712	0.9406	EXP 150 of 150	2.6757253 ± 0.0338980	0.0959	EXP 150 of 150	8.5549543 ± 0.0292395	0.7485	EXP 150 of 150	726.737950 ± 0.060005	0.9999	EXP 150 of 150	2235.289147 ± 0.103870	1.0000	EXP 150 of 150
13D05194	6.5 %	0.0247061 ± 0.0005195	0.8632	EXP 150 of 150	1.0751930 ± 0.0293584	0.0929	EXP 150 of 150	3.3301237 ± 0.0258856	0.3786	EXP 150 of 150	282.424290 ± 0.045146	0.9994	EXP 150 of 150	869.588803 ± 0.068400	0.9998	EXP 150 of 150
13D05196	6.9 %	0.0372626 ± 0.0006093	0.9068	EXP 150 of 150	1.8145753 ± 0.0294066	0.0636	EXP 150 of 150	5.6200742 ± 0.0288850	0.5318	EXP 150 of 150	479.971712 ± 0.048539	0.9998	EXP 150 of 150	1477.127083 ± 0.091891	0.9999	EXP 150 of 150
13D05197	7.3 %	0.0502118 ± 0.0006748	0.8565	EXP 150 of 150	1.5450353 ± 0.0300323	0.0308	EXP 150 of 150	4.7865720 ± 0.0271646	0.5384	EXP 150 of 150	397.824998 ± 0.046377	0.9997	EXP 150 of 150	1229.658270 ± 0.085946	0.9999	EXP 150 of 150
13D05198	7.8 %	0.0542555 ± 0.0006279	0.8143	EXP 150 of 150	1.3379449 ± 0.0318883	0.1077	EXP 150 of 150	3.8106588 ± 0.0270755	0.3876	EXP 150 of 150	317.778747 ± 0.046292	0.9995	EXP 150 of 150	987.040079 ± 0.080314	0.9998	EXP 150 of 150
13D05200	8.4 %	0.0573800 ± 0.0006234	0.7519	EXP 150 of 150	1.1513233 ± 0.0287877	0.0398	EXP 150 of 150	3.2496509 ± 0.0258692	0.4024	EXP 150 of 150	270.104680 ± 0.043625	0.9994	EXP 150 of 150	841.975581 ± 0.070761	0.9998	EXP 150 of 150
13D05201	9.2 %	0.0517907 ± 0.0005777	0.6838	EXP 150 of 150	0.9280930 ± 0.0279710	0.0588	EXP 150 of 150	2.5128435 ± 0.0269546	0.1646	EXP 150 of 150	212.375615 ± 0.039159	0.9993	EXP 150 of 150	663.780827 ± 0.062912	0.9998	EXP 150 of 150
13D05202	10.2 %	0.0584355 ± 0.0006272	0.6029	EXP 150 of 150	0.8324411 ± 0.0309577	0.0094	EXP 150 of 150	2.2399866 ± 0.0266842	0.1594	EXP 150 of 150	188.692947 ± 0.034413	0.9993	EXP 150 of 150	593.860790 ± 0.059958	0.9997	EXP 150 of 150
13D05204	11.7 %	0.0643446 ± 0.0006121	0.6383	EXP 150 of 150	0.8673177 ± 0.0275430	0.0196	EXP 150 of 150	2.3545802 ± 0.0269930	0.2720	EXP 150 of 150	192.824264 ± 0.042358	0.9989	EXP 150 of 150	608.533603 ± 0.060508	0.9997	EXP 150 of 150
13D05205	13.7 %	0.0507648 ± 0.0005767	0.6127	EXP 150 of 150	0.5960572 ± 0.0279124	0.0126	EXP 150 of 150	1.5432029 ± 0.0282023	0.0941	EXP 150 of 150	128.520335 ± 0.039190	0.9979	EXP 150 of 150	408.660827 ± 0.047786	0.9996	EXP 150 of 150
13D05206	16.2 %	0.0476842 ± 0.0005277	0.3635	EXP 150 of 150	0.3315090 ± 0.0294369	0.0017	EXP 150 of 150	0.7482168 ± 0.0271955	0.0577	EXP 150 of 150	60.110466 ± 0.029826	0.9944	EXP 150 of 150	197.686499 ± 0.044985	0.9980	EXP 150 of 150
13D05208	19.0 %	0.0399775 ± 0.0004768	0.3246	EXP 150 of 150	0.1842142 ± 0.0312978	0.0123	EXP 150 of 150	0.3518497 ± 0.0242048	0.0049	EXP 150 of 150	29.597469 ± 0.026613	0.9811	EXP 150 of 150	102.345052 ± 0.033072	0.9929	EXP 150 of 150
13D05209	21.0 %	0.0363542 ± 0.0004619	0.3443	EXP 150 of 150	0.0914831 ± 0.0274653	0.0015	EXP 150 of 150	0.1850574 ± 0.0284237	0.0004	EXP 150 of 150	17.827891 ± 0.025605	0.9515	EXP 150 of 150	65.236430 ± 0.030464	0.9641	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
13D05174	1.8 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05176	2.0 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05177	2.2 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05178	2.4 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05180	2.7 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05181	3.0 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05182	3.3 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05184	3.6 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05185	3.9 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05186	4.2 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05188	4.5 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05189	4.9 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05190	5.3 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05192	5.7 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05193	6.1 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05194	6.5 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05196	6.9 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05197	7.3 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05198	7.8 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05200	8.4 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05201	9.2 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05202	10.2 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05204	11.7 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05205	13.7 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05206	16.2 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05208	19.0 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	01
13D05209	21.0 %	Susan Schnur	13-OSU-05			32.46	Walvis Ridge\MV1203 (13-INT-04)	13D05173	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
13D05174	1.8 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	6	33	1
13D05176	2.0 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	6	58	1
13D05177	2.2 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	7	11	1
13D05178	2.4 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	7	23	1
13D05180	2.7 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	7	48	1
13D05181	3.0 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	8	0	1
13D05182	3.3 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	8	13	1
13D05184	3.6 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	8	38	1
13D05185	3.9 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	8	50	1
13D05186	4.2 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	9	2	1
13D05188	4.5 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	9	27	1
13D05189	4.9 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	9	40	1
13D05190	5.3 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	9	52	1
13D05192	5.7 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	10	17	1
13D05193	6.1 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	10	29	1
13D05194	6.5 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	10	42	1
13D05196	6.9 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	11	7	1
13D05197	7.3 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	11	19	1
13D05198	7.8 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	11	32	1
13D05200	8.4 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	11	56	1
13D05201	9.2 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	12	9	1
13D05202	10.2 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	12	21	1
13D05204	11.7 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	12	46	1
13D05205	13.7 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	12	59	1
13D05206	16.2 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	13	11	1
13D05208	19.0 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	13	36	1
13D05209	21.0 %	MV1203-D42-08	Groundmass	Esk Guyot	FCT-NM	28.201	0.082	Kuiper et al (2008)	9.20938	0.125	0.00170667	0.125	302.769	0.094	0.9939901	0.063	1	4.8E-14	22	NOV	2013	13	57	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
13D05174	1.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05176	2.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05177	2.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05178	2.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05180	2.7 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05181	3.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05182	3.3 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05184	3.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05185	3.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05186	4.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05188	4.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05189	4.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05190	5.3 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05192	5.7 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05193	6.1 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05194	6.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05196	6.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05197	7.3 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05198	7.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05200	8.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05201	9.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05202	10.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05204	11.7 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05205	13.7 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05206	16.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05208	19.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
13D05209	21.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0

13D05173.AGE >>> MV1203-D42-08 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
9.33 ± 0.02
TOTAL FUSION
9.38 ± 0.02
NORMAL ISOCHRON
9.34 ± 0.02
INVERSE ISOCHRON
9.33 ± 0.02

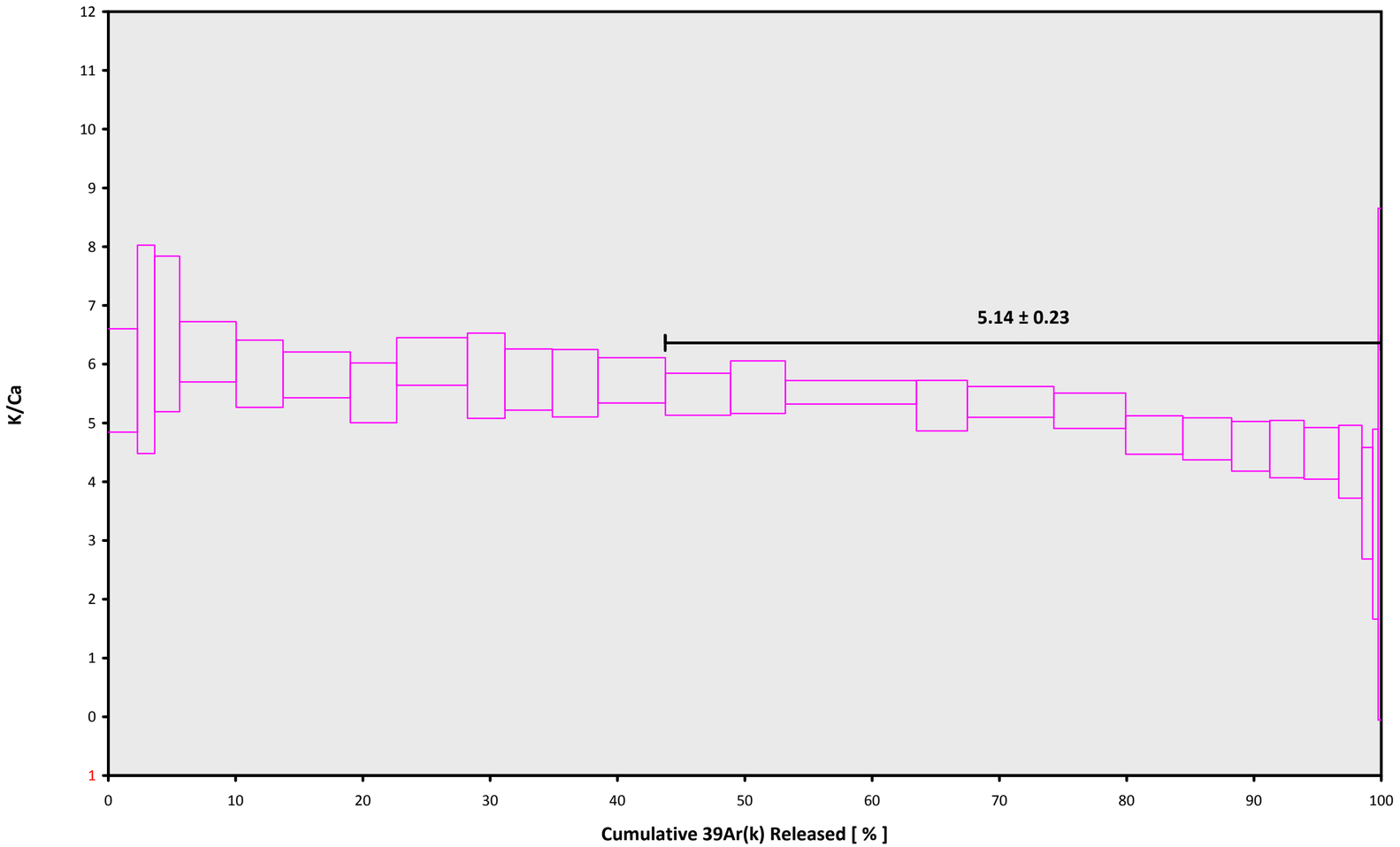
MSWD (PROBABILITY)
1.14 (31%)

Sample Info

Groundmass
Esk Guyot
Susan Schnur

IRR = 13-OSU-05
J = 0.00170667 ± 0.00000213

13D05173.AGE >>> MV1203-D42-08 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

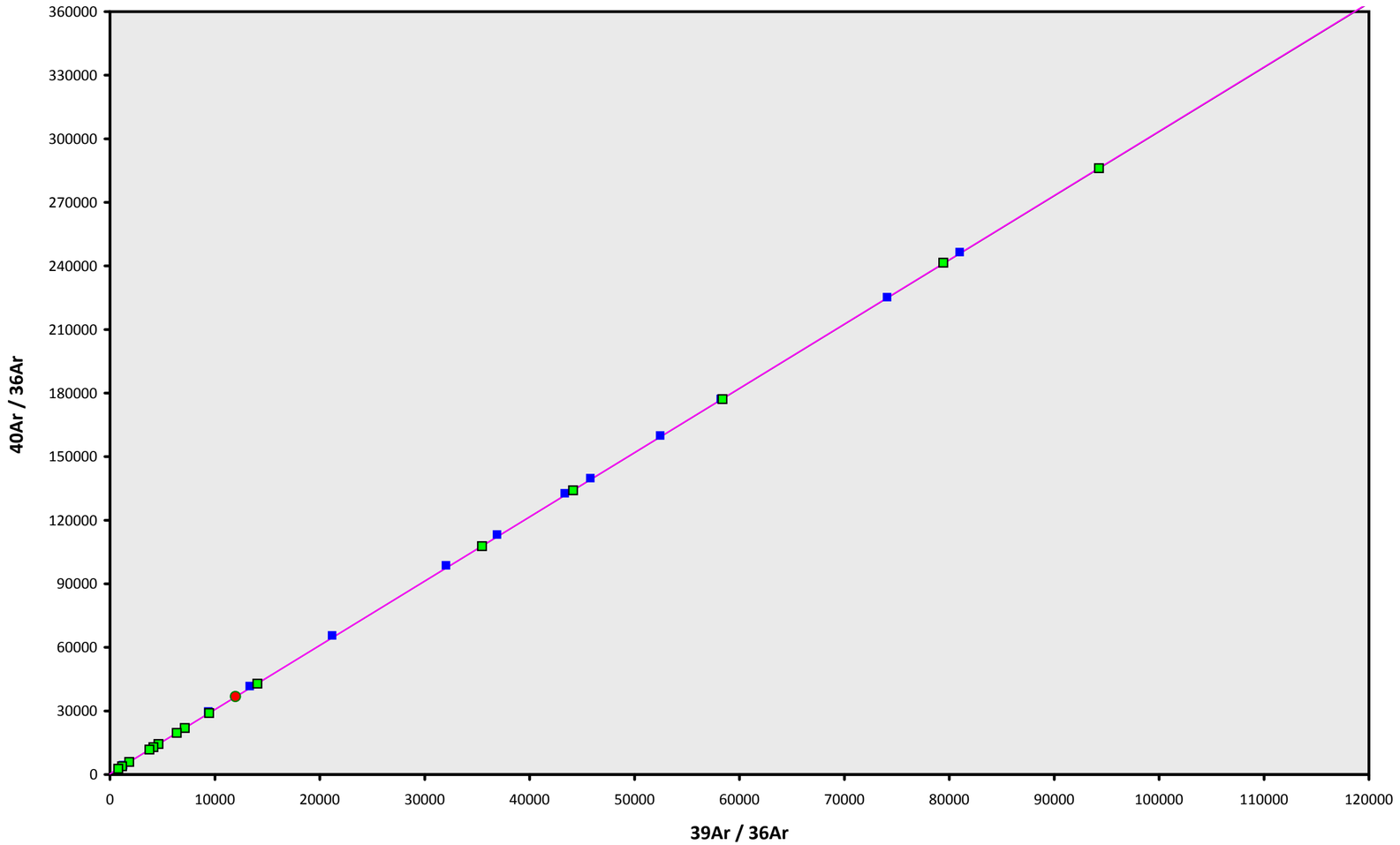
WEIGHTED PLATEAU
9.33 ± 0.02
TOTAL FUSION
9.38 ± 0.02
NORMAL ISOCHRON
9.34 ± 0.02
INVERSE ISOCHRON
9.33 ± 0.02

Sample Info

Groundmass
Esk Guyot
Susan Schnur

IRR = 13-OSU-05
J = 0.00170667 ± 0.00000213

13D05173.AGE >>> MV1203-D42-08 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
9.33 ± 0.02
TOTAL FUSION
9.38 ± 0.02
NORMAL ISOCHRON
9.34 ± 0.02
INVERSE ISOCHRON
9.33 ± 0.02

MSWD (PROBABILITY)
1.60 (8%)

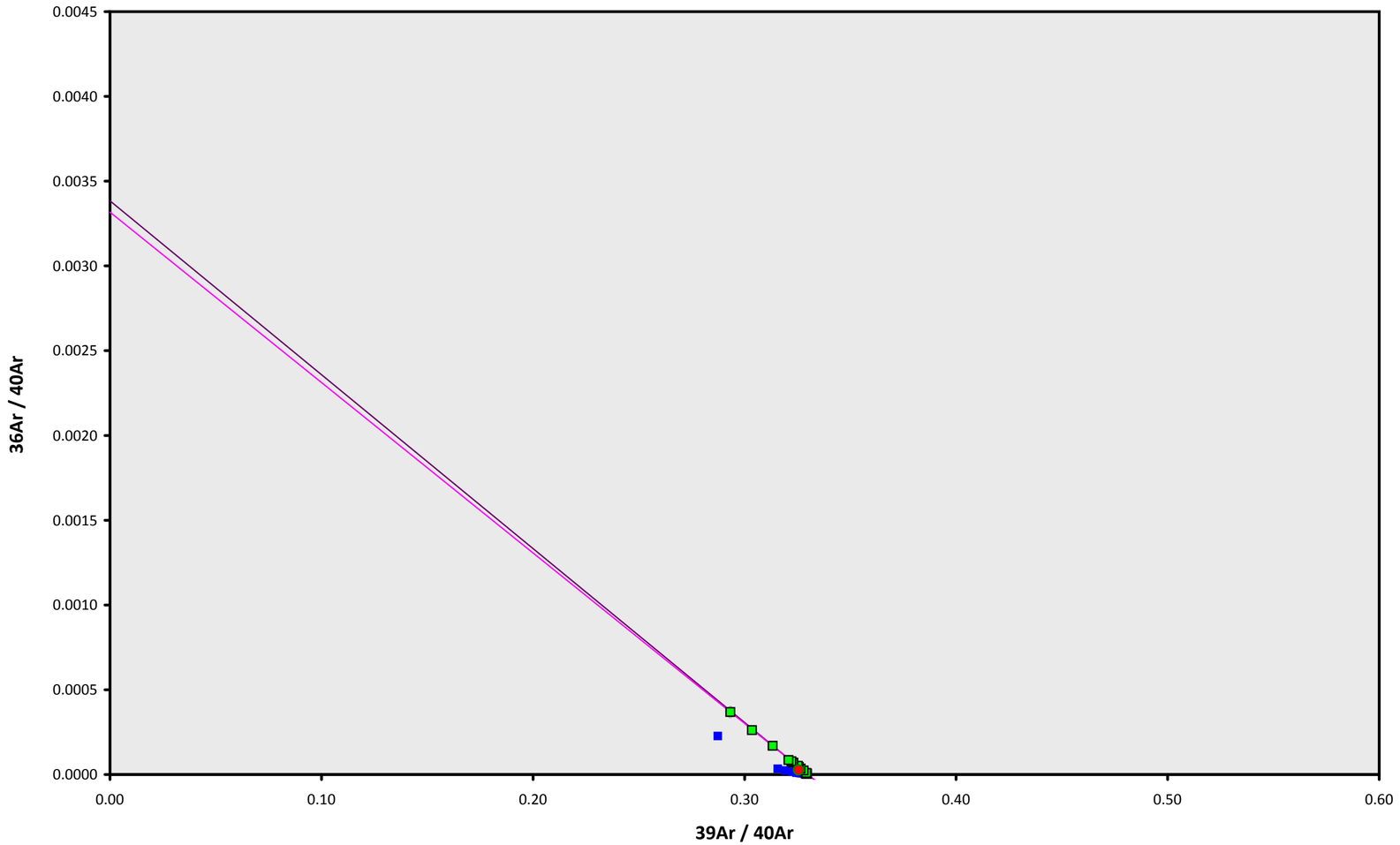
40AR/36AR INTERCEPT
291.3 ± 15.2

Sample Info

Groundmass
Esk Guyot
Susan Schnur

IRR = 13-OSU-05
J = 0.00170667 ± 0.00000213

13D05173.AGE >>> MV1203-D42-08 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
9.33 ± 0.02
TOTAL FUSION
9.38 ± 0.02
NORMAL ISOCHRON
9.34 ± 0.02
INVERSE ISOCHRON
9.33 ± 0.02

MSWD (PROBABILITY)
1.15 (31%)

SPREADING FACTOR
11.0%

40AR/36AR INTERCEPT
301.4 ± 13.0

Sample Info

Groundmass
Esk Guyot
Susan Schnur

IRR = 13-OSU-05
J = 0.00170667 ± 0.00000213