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
14D32792	2.8 %		0.276816	0.872	0.3951683	130.666	0.098364	45.505	0.9402	4.535	92.040	0.525	10.92557 ± 2.08601	31.54 ± 5.97	11.16	0.05	1 ± 3
14D32794	3.4 %		0.130397	1.645	0.4595289	110.845	0.092650	50.786	1.2212	3.416	56.272	0.858	14.55846 ± 1.64277	41.91 ± 4.67	31.59	0.06	1 ± 3
14D32795	4.0 %		0.047424	4.205	0.2282467	228.033	0.016009	290.417	0.9354	4.484	28.102	1.718	15.07923 ± 2.11931	43.39 ± 6.03	50.18	0.05	2 ± 8
14D32796	4.6 %		0.104153	2.032	0.0829325	574.826	0.060366	76.855	2.4486	1.757	66.590	0.726	14.62530 ± 0.82578	42.10 ± 2.35	53.78	0.12	13 ± 146
14D32798	5.2 %		0.149805	1.466	0.0424217	1218.195	0.102224	42.504	4.6993	0.926	114.240	0.423	14.88576 ± 0.44142	42.84 ± 1.26	61.23	0.23	48 ± 1161
14D32799	6.0 %		0.145338	1.483	0.7927116	64.975	0.133304	34.461	7.6620	0.551	154.366	0.313	14.52893 ± 0.26324	41.83 ± 0.75	72.12	0.38	4 ± 5
14D32800	6.8 %		0.212453	1.084	0.1208196	420.166	0.306568	15.314	12.1927	0.360	238.968	0.202	14.44790 ± 0.17211	41.60 ± 0.49	73.72	0.61	43 ± 365
14D32802	7.6 %		0.125278	1.735	0.6113199	78.030	0.255569	18.611	13.6764	0.334	234.456	0.206	14.42872 ± 0.15210	41.54 ± 0.43	84.17	0.68	10 ± 15
14D32803	8.4 %		0.462092	0.617	0.2886185	162.840	0.673449	6.448	28.9760	0.167	553.442	0.088	14.38509 ± 0.08256	41.42 ± 0.24	75.31	1.44	43 ± 141
14D32804	9.2 %		0.345418	0.760	0.7037068	68.473	0.822481	5.480	37.6270	0.138	643.672	0.075	14.39219 ± 0.06290	41.44 ± 0.18	84.13	1.87	23 ± 31
14D32806	10.0 %		0.507145	0.577	0.3522993	137.262	1.235987	3.517	58.6652	0.106	992.554	0.049	14.36155 ± 0.04549	41.35 ± 0.13	84.88	2.92	72 ± 197
14D32807	10.8 %	✓	0.563950	0.563	0.5101816	103.042	1.368895	3.362	73.2241	0.097	1214.628	0.040	14.30780 ± 0.04003	41.20 ± 0.11	86.26	3.65	62 ± 127
14D32808	11.6 %	✓	0.781840	0.450	0.5673333	88.361	2.028346	2.275	100.6873	0.084	1671.678	0.029	14.30514 ± 0.03326	41.19 ± 0.09	86.16	5.01	76 ± 135
14D32810	12.4 %	✓	0.503946	0.586	0.1955284	243.444	1.966055	2.291	99.6525	0.085	1575.775	0.031	14.31506 ± 0.03166	41.22 ± 0.09	90.53	4.96	219 ± 1067
14D32811	13.2 %	✓	1.026815	0.420	0.0922994	542.544	2.596843	1.682	132.2731	0.080	2194.400	0.023	14.29257 ± 0.03076	41.15 ± 0.09	86.15	6.59	616 ± 6687
14D32812	14.0 %	✓	0.841519	0.439	0.1257914	410.157	2.431846	1.793	124.7161	0.081	2033.200	0.024	14.30534 ± 0.03016	41.19 ± 0.09	87.75	6.21	426 ± 3497
14D32814	14.8 %	✓	0.747894	0.466	0.0413738	1135.633	2.462213	1.869	128.2330	0.080	2053.904	0.024	14.29000 ± 0.02910	41.15 ± 0.08	89.22	6.39	1333 ± 30270
14D32815	15.6 %	✓	0.940951	0.436	0.8576578	54.877	2.638347	1.673	136.4554	0.080	2230.462	0.022	14.30400 ± 0.02976	41.19 ± 0.08	87.51	6.80	68 ± 75
14D32816	16.4 %	✓	0.599239	0.525	0.2228497	235.094	2.475906	1.821	131.1873	0.079	2049.854	0.024	14.27196 ± 0.02761	41.10 ± 0.08	91.34	6.53	253 ± 1190
14D32818	17.2 %	✓	0.463767	0.618	0.6289558	80.288	2.282581	2.071	116.6564	0.083	1801.261	0.027	14.26300 ± 0.02892	41.07 ± 0.08	92.37	5.81	80 ± 128
14D32819	18.0 %	✓	0.523961	0.590	0.0798580	585.028	2.358892	1.900	120.3057	0.081	1872.181	0.026	14.27149 ± 0.02882	41.09 ± 0.08	91.71	5.99	648 ± 7580
14D32820	18.8 %	✓	0.502671	0.588	0.0042716	########	2.402241	1.966	124.7346	0.082	1929.096	0.026	14.27130 ± 0.02833	41.09 ± 0.08	92.28	6.21	12556 ########
14D32822	19.6 %	✓	0.449888	0.643	0.0531968	902.819	1.932643	2.288	102.7976	0.085	1603.302	0.031	14.29999 ± 0.03099	41.17 ± 0.09	91.69	5.12	831 ± 15004
14D32823	20.4 %	✓	0.513123	0.580	0.0826630	604.573	2.012532	2.357	104.4682	0.084	1641.508	0.030	14.25816 ± 0.03069	41.06 ± 0.09	90.74	5.20	543 ± 6571
14D32825	21.6 %	✓	0.536030	0.572	0.3461503	149.000	2.156911	2.084	112.9373	0.082	1772.814	0.028	14.29159 ± 0.02961	41.15 ± 0.08	91.04	5.62	140 ± 418
14D32826	23.0 %	✓	0.560395	0.573	0.5956040	80.903	2.144290	2.090	112.4160	0.082	1770.170	0.028	14.26957 ± 0.03025	41.09 ± 0.09	90.62	5.60	81 ± 131
14D32828	24.5 %	✓	0.638218	0.507	0.1809822	272.783	2.245359	2.009	118.1771	0.082	1879.165	0.026	14.30177 ± 0.02963	41.18 ± 0.08	89.94	5.89	281 ± 1532
		Σ	12.700525	0.122	0.9437230	273.811	39.300872	0.601	2007.9658	0.020	32468.101	0.008					

Information on Analysis and Constants Used in Calculations

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D60-02**
Material = **Biotite**
Location = **Contest Seamount**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **14-OSU-04 (4B28-14)**
Position = **X: 0 | Y: 0 | Z/H: 41.82 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **9.75898 ± 0.01913**
FCT-NM J-value = **0.00161056 ± 0.00000316**
Air Shot 40Ar/36Ar = **303.7090 ± 0.4981**
Air Shot MDF = **0.99323398 ± 0.00070196 (LIN)**
Experiment Type = **Incremental Heating**
Extraction Method = **Bulk Laser Heating**
Heating = **77 sec**
Isolation = **6.00 min**
Instrument = **ARGUS-VI-D**
Preferred Age = **Plateau Age**
Age Classification = **Eruption Age**
IGSN = **IESS10045**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Trachyte**
Lat-Lon = **36°17.3'S - 1°34.4'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		14.28731 ± 0.00904	**41.14 ± 0.16**	1.42	91.58	26 ± 49
		± 0.06%	**± 0.39%**	13%	16	
		Full External Error ± 0.94		1.73	2σ Confidence Limit	
		Analytical Error ± 0.03		1.1929	Error Magnification	
Total Fusion Age		14.29715 ± 0.00783	**41.17 ± 0.16**		27	915 ± 5010
		± 0.05%	**± 0.39%**			
		Full External Error ± 0.94				
		Analytical Error ± 0.02				
Normal Isochron	**304.80 ± 6.01**	14.23646 ± 0.03363	**40.99 ± 0.19**	0.93	91.58	
	± 1.97%	± 0.24%	**± 0.45%**	52%	16	
		Full External Error ± 0.94		1.76	2σ Confidence Limit	
		Analytical Error ± 0.10		1.0000	Error Magnification	
				1	Number of Iterations	
				0.0001286755	Convergence	
Inverse Isochron	**304.12 ± 6.01**	14.24037 ± 0.03363	**41.01 ± 0.19**	0.93	91.58	
	± 1.98%	± 0.24%	**± 0.45%**	53%	16	
		Full External Error ± 0.94		1.76	2σ Confidence Limit	
		Analytical Error ± 0.10		1.0000	Error Magnification	
Notes				2	Number of Iterations	
Good plateau				0.0001373849	Convergence	
				6%	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
14D32792	2.8 %		0.276704	0.3951683	0.035311	0.9400	10.270	31.54 ± 5.97	11.16	0.05	1 ± 3
14D32794	3.4 %		0.130265	0.4595289	0.053582	1.2209	17.774	41.91 ± 4.67	31.59	0.06	1 ± 3
14D32795	4.0 %		0.047364	0.2282467	0.000000	0.9352	14.102	43.39 ± 6.03	50.18	0.05	2 ± 8
14D32796	4.6 %		0.104129	0.0829325	0.011440	2.4485	35.811	42.10 ± 2.35	53.78	0.12	13 ± 146
14D32798	5.2 %		0.149813	0.0424217	0.017690	4.6993	69.952	42.84 ± 1.26	61.23	0.23	48 ± 1161
14D32799	6.0 %		0.145547	0.7927116	0.013971	7.6625	111.328	41.83 ± 0.75	72.12	0.38	4 ± 5
14D32800	6.8 %		0.212399	0.1208196	0.120174	12.1926	176.157	41.60 ± 0.49	73.72	0.61	43 ± 365
14D32802	7.6 %		0.125428	0.6113199	0.067625	13.6768	197.339	41.54 ± 0.43	84.17	0.68	10 ± 15
14D32803	8.4 %		0.461972	0.2886185	0.238478	28.9758	416.819	41.42 ± 0.24	75.31	1.44	43 ± 141
14D32804	9.2 %		0.345175	0.7037068	0.305232	37.6266	541.529	41.44 ± 0.18	84.13	1.87	23 ± 31
14D32806	10.0 %		0.506972	0.3522993	0.435410	58.6650	842.520	41.35 ± 0.13	84.88	2.92	72 ± 197
14D32807	10.8 %	✓	0.564016	0.5101816	0.382553	73.2245	1047.681	41.20 ± 0.11	86.26	3.65	62 ± 127
14D32808	11.6 %	✓	0.781566	0.5673333	0.670866	100.6869	1440.340	41.19 ± 0.09	86.16	5.01	76 ± 135
14D32810	12.4 %	✓	0.503770	0.1955284	0.672969	99.6524	1426.530	41.22 ± 0.09	90.53	4.96	219 ± 1067
14D32811	13.2 %	✓	1.026642	0.0922994	0.813580	132.2731	1890.522	41.15 ± 0.09	86.15	6.59	616 ± 6687
14D32812	14.0 %	✓	0.841344	0.1257914	0.774131	124.7161	1784.106	41.19 ± 0.09	87.75	6.21	426 ± 3497
14D32814	14.8 %	✓	0.747762	0.0413738	0.779687	128.2331	1832.450	41.15 ± 0.08	89.22	6.39	1333 ± 30270
14D32815	15.6 %	✓	0.941029	0.8576578	0.820829	136.4560	1951.866	41.19 ± 0.08	87.51	6.80	68 ± 75
14D32816	16.4 %	✓	0.599154	0.2228497	0.785623	131.1875	1872.303	41.10 ± 0.08	91.34	6.53	253 ± 1190
14D32818	17.2 %	✓	0.463454	0.6289558	0.792428	116.6560	1663.864	41.07 ± 0.08	92.37	5.81	80 ± 128
14D32819	18.0 %	✓	0.523791	0.0798580	0.813593	120.3057	1716.941	41.09 ± 0.08	91.71	5.99	648 ± 7580
14D32820	18.8 %	✓	0.502524	0.0042716	0.807638	124.7346	1780.124	41.09 ± 0.08	92.28	6.21	12556 ########
14D32822	19.6 %	✓	0.449762	0.0531968	0.611821	102.7976	1470.004	41.17 ± 0.09	91.69	5.12	831 ± 15004
14D32823	20.4 %	✓	0.512980	0.0826630	0.659794	104.4681	1489.523	41.06 ± 0.09	90.74	5.20	543 ± 6571
14D32825	21.6 %	✓	0.535810	0.3461503	0.697997	112.9371	1614.051	41.15 ± 0.08	91.04	5.62	140 ± 418
14D32826	23.0 %	✓	0.560428	0.5956040	0.687107	112.4164	1604.133	41.09 ± 0.09	90.62	5.60	81 ± 131
14D32828	24.5 %	✓	0.638137	0.1809822	0.704314	118.1772	1690.144	41.18 ± 0.08	89.94	5.89	281 ± 1532
		Σ	12.697937	0.9437230	12.773842	2007.9652	28708.185				

Information on Analysis

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D60-02**
Material = **Biotite**
Location = **Contest Seamount**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **14-OSU-04 (4B28-14)**
J = **0.00161056 ± 0.00000316**
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	14.28731	± 0.00904	**41.14**	**± 0.16**	1.42	91.58	26 ± 49
		± 0.06%		**± 0.39%**	13%	16	
		Full External Error		± 0.94	1.73	2σ Confidence Limit	
		Analytical Error		± 0.03	1.1929	Error Magnification	
Total Fusion Age	14.29715	± 0.00783	**41.17**	**± 0.16**		27	915 ± 5010
		± 0.05%		**± 0.39%**			
		Full External Error		± 0.94			
		Analytical Error		± 0.02			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
14D32792	2.8 %		3.40 ± 0.31	332.61 ± 6.78	0.1621
14D32794	3.4 %		9.37 ± 0.71	431.94 ± 16.07	0.3859
14D32795	4.0 %		19.75 ± 2.43	593.25 ± 54.07	0.6347
14D32796	4.6 %		23.51 ± 1.26	639.41 ± 27.65	0.7132
14D32798	5.2 %		31.37 ± 1.09	762.43 ± 23.30	0.8128
14D32799	6.0 %		52.65 ± 1.67	1060.39 ± 32.16	0.9172
14D32800	6.8 %		57.40 ± 1.31	1124.87 ± 24.86	0.9332
14D32802	7.6 %		109.04 ± 3.86	1868.82 ± 65.35	0.9752
14D32803	8.4 %		62.72 ± 0.80	1197.76 ± 14.94	0.9557
14D32804	9.2 %		109.01 ± 1.69	1864.35 ± 28.55	0.9791
14D32806	10.0 %		115.72 ± 1.36	1957.37 ± 22.72	0.9802
14D32807	10.8 %	✓	129.83 ± 1.48	2153.04 ± 24.33	0.9831
14D32808	11.6 %	✓	128.83 ± 1.18	2138.39 ± 19.29	0.9808
14D32810	12.4 %	✓	197.81 ± 2.35	3127.21 ± 36.75	0.9882
14D32811	13.2 %	✓	128.84 ± 1.10	2136.96 ± 18.01	0.9812
14D32812	14.0 %	✓	148.23 ± 1.32	2416.04 ± 21.25	0.9818
14D32814	14.8 %	✓	171.49 ± 1.62	2746.08 ± 25.67	0.9842
14D32815	15.6 %	✓	145.01 ± 1.28	2369.68 ± 20.68	0.9825
14D32816	16.4 %	✓	218.95 ± 2.33	3420.41 ± 36.02	0.9880
14D32818	17.2 %	✓	251.71 ± 3.14	3885.64 ± 48.15	0.9903
14D32819	18.0 %	✓	229.68 ± 2.74	3573.41 ± 42.22	0.9898
14D32820	18.8 %	✓	248.22 ± 2.95	3837.87 ± 45.26	0.9896
14D32822	19.6 %	✓	228.56 ± 2.97	3563.91 ± 45.97	0.9903
14D32823	20.4 %	✓	203.65 ± 2.39	3199.17 ± 37.18	0.9884
14D32825	21.6 %	✓	210.78 ± 2.44	3307.86 ± 37.91	0.9888
14D32826	23.0 %	✓	200.59 ± 2.32	3157.84 ± 36.25	0.9887
14D32828	24.5 %	✓	185.19 ± 1.90	2944.06 ± 29.93	0.9860

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	**304.80 ± 6.01 ± 1.97%**	14.23646 ± 0.03363 ± 0.24%	**40.99 ± 0.19 ± 0.45%**	0.93 52%
			Full External Error ± 0.94	
			Analytical Error ± 0.10	

Statistics				
2σ Confidence Limit	1.76	Convergence	0.000128675502
Error Magnification	1.0000	Number of Iterations	1
Number of Data Points	16	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ		36(a)/40(a+r) ± 2σ		r.i.
14D32792	2.8 %		0.0102132	± 0.0009329	0.00300648	± 0.00006130	0.0592
14D32794	3.4 %		0.0216977	± 0.0015288	0.00231511	± 0.00008613	0.1124
14D32795	4.0 %		0.0332837	± 0.0031973	0.00168564	± 0.00015363	0.1349
14D32796	4.6 %		0.0367755	± 0.0013983	0.00156395	± 0.00006762	0.1281
14D32798	5.2 %		0.0411416	± 0.0008377	0.00131159	± 0.00004009	0.1150
14D32799	6.0 %		0.0496479	± 0.0006294	0.00094305	± 0.00002860	0.1020
14D32800	6.8 %		0.0510318	± 0.0004215	0.00088899	± 0.00001965	0.0897
14D32802	7.6 %		0.0583475	± 0.0004579	0.00053510	± 0.00001871	0.0620
14D32803	8.4 %		0.0523660	± 0.0001976	0.00083489	± 0.00001041	0.0652
14D32804	9.2 %		0.0584692	± 0.0001842	0.00053638	± 0.00000821	0.0472
14D32806	10.0 %		0.0591184	± 0.0001378	0.00051089	± 0.00000593	0.0357
14D32807	10.8 %	✓	0.0602994	± 0.0001263	0.00046446	± 0.00000525	0.0274
14D32808	11.6 %	✓	0.0602449	± 0.0001078	0.00046764	± 0.00000422	0.0215
14D32810	12.4 %	✓	0.0632555	± 0.0001150	0.00031977	± 0.00000376	0.0180
14D32811	13.2 %	✓	0.0602914	± 0.0000998	0.00046795	± 0.00000394	0.0145
14D32812	14.0 %	✓	0.0613542	± 0.0001041	0.00041390	± 0.00000364	0.0158
14D32814	14.8 %	✓	0.0624487	± 0.0001048	0.00036416	± 0.00000340	0.0148
14D32815	15.6 %	✓	0.0611926	± 0.0001010	0.00042200	± 0.00000368	0.0137
14D32816	16.4 %	✓	0.0640141	± 0.0001053	0.00029236	± 0.00000308	0.0134
14D32818	17.2 %	✓	0.0647795	± 0.0001126	0.00025736	± 0.00000319	0.0138
14D32819	18.0 %	✓	0.0642754	± 0.0001093	0.00027984	± 0.00000331	0.0138
14D32820	18.8 %	✓	0.0646756	± 0.0001107	0.00026056	± 0.00000307	0.0129
14D32822	19.6 %	✓	0.0641319	± 0.0001160	0.00028059	± 0.00000362	0.0160
14D32823	20.4 %	✓	0.0636570	± 0.0001132	0.00031258	± 0.00000363	0.0173
14D32825	21.6 %	✓	0.0637205	± 0.0001098	0.00030231	± 0.00000346	0.0156
14D32826	23.0 %	✓	0.0635214	± 0.0001105	0.00031667	± 0.00000364	0.0154
14D32828	24.5 %	✓	0.0629033	± 0.0001080	0.00033967	± 0.00000345	0.0156

Results	40(a)/36(a) ± 2σ		40(r)/39(k) ± 2σ		Age ± 2σ (Ma)		MSWD
Inverse Isochron	**304.12**	**± 6.01**	14.24037	± 0.03363	**41.01**	**± 0.19**	0.93
		± 1.98%		± 0.24%		**± 0.45%**	53%
					Full External Error	± 0.94	
					Analytical Error	± 0.10	

Statistics				
	2σ Confidence Limit	1.76	Convergence	0.0001373849
	Error Magnification	1.0000	Number of Iterations	2
	Number of Data Points	16	Calculated Line	Weighted York-2
	Spreading Factor	6.5%		

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
14D32792	2.8 %		0.276704	0.87	0.0000000	0.00	0.0001052	130.67	0.0000064	126.78	0.3951683	130.67	0.0517160	0.87	0.0000000	0.00	0.011309	4.54	0.0000284	131.29	0.035311	126.79	0.9400	4.54	0.0002670	130.67	10.270	8.40	81.7661	0.87	0.0000000	0.00	0.0035936	5.26
14D32794	3.4 %		0.130265	1.65	0.0000000	0.00	0.0001224	110.85	0.0000098	87.83	0.4595289	110.85	0.0243465	1.65	0.0000000	0.00	0.014688	3.42	0.0000330	111.58	0.053582	87.84	1.2209	3.42	0.0003105	110.85	17.774	4.49	38.4933	1.65	0.0000000	0.00	0.0046674	4.33
14D32795	4.0 %		0.047364	4.22	0.0000000	0.00	0.0000608	228.03	0.0000000	0.00	0.2282467	228.03	0.0088523	4.22	0.0000000	0.00	0.011252	4.49	0.0000164	228.39	0.000000	0.00	0.9352	4.49	0.0001542	228.04	14.102	5.41	13.9960	4.22	0.0000000	0.00	0.0035753	5.21
14D32796	4.6 %		0.104129	2.04	0.0000000	0.00	0.0000221	574.83	0.0000021	405.61	0.0829325	574.83	0.0194616	2.04	0.0000000	0.00	0.029458	1.76	0.0000060	574.97	0.011440	405.61	2.4485	1.76	0.0000560	574.83	35.811	2.21	30.7700	2.04	0.0000000	0.00	0.0093607	3.19
14D32798	5.2 %		0.149813	1.47	0.0000000	0.00	0.0000113	######	0.0000032	245.65	0.0424217	######	0.0280001	1.47	0.0000000	0.00	0.056537	0.94	0.0000030	######	0.017690	245.65	4.6993	0.93	0.0000287	######	69.952	1.16	44.2698	1.47	0.0000000	0.00	0.0179654	2.82
14D32799	6.0 %		0.145547	1.48	0.0000000	0.00	0.0002111	64.97	0.0000026	328.87	0.7927116	64.97	0.0272027	1.48	0.0000000	0.00	0.092188	0.57	0.0000569	66.23	0.013971	328.87	7.6625	0.55	0.0005356	64.99	111.328	0.72	43.0091	1.48	0.0000000	0.00	0.0292937	2.72
14D32800	6.8 %		0.212399	1.09	0.0000000	0.00	0.0000322	420.17	0.0000220	39.08	0.1208196	420.17	0.0396973	1.09	0.0000000	0.00	0.146689	0.39	0.0000087	420.36	0.120174	39.09	12.1926	0.36	0.0000816	420.17	176.157	0.47	62.7638	1.09	0.0000000	0.00	0.0466122	2.68
14D32802	7.6 %		0.125428	1.74	0.0000000	0.00	0.0001628	78.03	0.0000124	70.35	0.6113199	78.03	0.0234425	1.74	0.0000000	0.00	0.164546	0.37	0.0000439	79.08	0.067625	70.36	13.6768	0.33	0.0004130	78.04	197.339	0.41	37.0640	1.74	0.0000000	0.00	0.0522865	2.68
14D32803	8.4 %		0.461972	0.62	0.0000000	0.00	0.0000769	162.84	0.0000436	18.24	0.2886185	162.84	0.0863425	0.62	0.0000000	0.00	0.348607	0.23	0.0000207	163.34	0.238478	18.26	28.9758	0.17	0.0001950	162.85	416.819	0.23	136.5126	0.62	0.0000000	0.00	0.1107743	2.67
14D32804	9.2 %		0.345175	0.76	0.0000000	0.00	0.0001874	68.47	0.0000558	14.80	0.7037068	68.47	0.0645132	0.76	0.0000000	0.00	0.452685	0.21	0.0000505	69.66	0.305232	14.83	37.6266	0.14	0.0004754	68.49	541.529	0.17	101.9992	0.76	0.0000000	0.00	0.1438464	2.66
14D32806	10.0 %		0.506972	0.58	0.0000000	0.00	0.0000938	137.26	0.0000796	10.03	0.3522993	137.26	0.0947531	0.58	0.0000000	0.00	0.705798	0.19	0.0000253	137.86	0.435410	10.07	58.6650	0.11	0.0002380	137.27	842.520	0.12	149.8102	0.58	0.0000000	0.00	0.2242762	2.66
14D32807	10.8 %	✓	0.564016	0.56	0.0000000	0.00	0.0001359	103.04	0.0000699	12.07	0.5101816	103.04	0.1054146	0.56	0.0000000	0.00	0.880964	0.19	0.0000366	103.84	0.382553	12.11	73.2245	0.10	0.0003447	103.05	1047.681	0.10	166.6668	0.56	0.0000000	0.00	0.2799372	2.66
14D32808	11.6 %	✓	0.781566	0.45	0.0000000	0.00	0.0001511	88.36	0.0001227	6.95	0.5673333	88.36	0.1460747	0.45	0.0000000	0.00	1.211365	0.18	0.0000407	89.29	0.670866	7.01	100.6869	0.08	0.0003833	88.37	1440.340	0.08	230.9528	0.45	0.0000000	0.00	0.3849262	2.66
14D32810	12.4 %	✓	0.503770	0.59	0.0000000	0.00	0.0000521	243.44	0.0001231	6.76	0.1955284	243.44	0.0941547	0.59	0.0000000	0.00	1.198918	0.18	0.0000140	243.78	0.672969	6.83	99.6524	0.09	0.0001321	243.45	1426.530	0.07	148.8642	0.59	0.0000000	0.00	0.3809711	2.66
14D32811	13.2 %	✓	1.026642	0.42	0.0000000	0.00	0.0000246	542.54	0.0001488	5.46	0.0922994	542.54	0.1918793	0.42	0.0000000	0.00	1.591377	0.18	0.0000066	542.70	0.813580	5.54	132.2731	0.08	0.0000624	542.55	1890.522	0.07	303.3726	0.42	0.0000000	0.00	0.5056799	2.66
14D32812	14.0 %	✓	0.841344	0.44	0.0000000	0.00	0.0000335	410.16	0.0001416	5.72	0.1257914	410.16	0.1572472	0.44	0.0000000	0.00	1.500459	0.18	0.0000090	410.36	0.774131	5.79	124.7161	0.08	0.0000850	410.16	1784.106	0.07	248.6172	0.44	0.0000000	0.00	0.4767895	2.66
14D32814	14.8 %	✓	0.747762	0.47	0.0000000	0.00	0.0000110	######	0.0001426	5.98	0.0413738	######	0.1397568	0.47	0.0000000	0.00	1.542772	0.18	0.0000030	######	0.779687	6.05	128.2331	0.08	0.0000280	######	1832.450	0.06	220.9638	0.47	0.0000000	0.00	0.4902350	2.66
14D32815	15.6 %	✓	0.941029	0.44	0.0000000	0.00	0.0002284	54.88	0.0001502	5.47	0.8576578	54.88	0.1758783	0.44	0.0000000	0.00	1.641702	0.18	0.0000616	56.35	0.820829	5.55	136.4560	0.08	0.0005794	54.89	1951.866	0.07	278.0741	0.44	0.0000000	0.00	0.5216712	2.66
14D32816	16.4 %	✓	0.599154	0.53	0.0000000	0.00	0.0000593	235.09	0.0001437	5.83	0.2228497	235.09	0.1119819	0.53	0.0000000	0.00	1.578317	0.18	0.0000160	235.44	0.785623	5.90	131.1875	0.08	0.0001506	235.10	1872.303	0.06	177.0501	0.53	0.0000000	0.00	0.5015298	2.66
14D32818	17.2 %	✓	0.463454	0.62	0.0000000	0.00	0.0001675	80.29	0.0001450	6.04	0.6289558	80.29	0.0866196	0.62	0.0000000	0.00	1.403488	0.18	0.0000452	81.31	0.792428	6.11	116.6560	0.08	0.0004249	80.30	1663.864	0.06	136.9508	0.62	0.0000000	0.00	0.4459758	2.66
14D32819	18.0 %	✓	0.523791	0.59	0.0000000	0.00	0.0000213	585.03	0.0001489	5.60	0.0798580	585.03	0.0978965	0.59	0.0000000	0.00	1.447397	0.18	0.0000057	585.17	0.813593	5.67	120.3057	0.08	0.0000540	585.03	1716.941	0.06	154.7802	0.59	0.0000000	0.00	0.4599285	2.66
14D32820	18.8 %	✓	0.502524	0.59	0.0000000	0.00	0.0000011	######	0.0001478	5.93	0.0042716	######	0.0939217	0.59	0.0000000	0.00	1.500681	0.18	0.0000003	######	0.807638	6.00	124.7346	0.08	0.0000029	######	1780.124	0.06	148.4958	0.59	0.0000000	0.00	0.4768602	2.66
14D32822	19.6 %	✓	0.449762	0.64	0.0000000	0.00	0.0000142	902.82	0.0001120	7.30	0.0531968	902.82	0.0840604	0.64	0.0000000	0.00	1.236758	0.18	0.0000038	902.91	0.611821	7.35	102.7976	0.09	0.0000359	902.82	1470.004	0.07	132.9045	0.64	0.0000000	0.00	0.3929952	2.66
14D32823	20.4 %	✓	0.512980	0.58	0.0000000	0.00	0.0000220	604.57	0.0001208	7.26	0.0826630	604.57	0.0958760	0.58	0.0000000	0.00	1.256856	0.18	0.0000059	604.71	0.659794	7.32	104.4681	0.08	0.0000558	604.57	1489.523	0.07	151.5857	0.58	0.0000000	0.00	0.3993816	2.66
14D32825	21.6 %	✓	0.535810	0.57	0.0000000	0.00	0.0000922	149.00	0.0001278	6.52	0.3461503	149.00	0.1001429	0.57	0.0000000	0.00	1.358746	0.18	0.0000249	149.55	0.697997	6.58	112.9371	0.08	0.0002339	149.01	1614.051	0.06	158.3318	0.57	0.0000000	0.00	0.4317584	2.66
14D32826	23.0 %	✓	0.560428	0.57	0.0000000	0.00	0.0001586	80.90	0.0001258	6.60	0.5956040	80.90	0.1047439	0.57	0.0000000	0.00	1.352482	0.18	0.0000428	81.91	0.687107	6.66	112.4164	0.08	0.0004024	80.91	1604.133	0.07	165.6064	0.57	0.0000000	0.00	0.4297679	2.66
14D32828	24.5 %	✓	0.638137	0.51	0.0000000	0.00	0.0000482	272.78	0.0001290	6.48	0.1809822	272.78	0.1192678	0.51	0.0000000	0.00	1.421790	0.18	0.0000130	273.08	0.704314	6.55	118.1772	0.08	0.0001223	272.79	1690.144	0.06	188.5695	0.51	0.0000000	0.00	0.4517916	2.66
		Σ	12.697937	0.12	0.0000000	0.00	0.0002513	273.81	0.0023370	1.83	0.9437230	273.81	2.3732444	0.12	0.0000000	0.00	24.157829	0.04	0.0000678	275.32	12.773842	1.84	2007.9652	0.02	0.0006376	273.83	28708.185	0.02	3752.2403	0.12	0.0000000	0.00	7.6764509	0.62
		Σ							12.700525	0.12	0.9437230	273.81									39.304983	0.60			2007.9658	0.02							32468.101	0.02

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
14D32792	2.8 %		97.888391	4.469302	0.420280	0.549493	0.294407	0.013597	112.453	9.240989	1.00079467	4.418E-12
14D32794	3.4 %		46.079983	1.622958	0.376299	0.417308	0.106780	0.004049	112.471	9.244159	1.00079479	2.701E-12
14D32795	4.0 %		30.043598	1.442730	0.244018	0.556548	0.050701	0.003117	112.480	9.245807	1.00079486	1.349E-12
14D32796	4.6 %		27.195223	0.516980	0.033870	0.194692	0.042536	0.001143	112.488	9.247329	1.00079491	3.196E-12
14D32798	5.2 %		24.310283	0.247490	0.009027	0.109970	0.031879	0.000553	112.506	9.250501	1.00079504	5.484E-12
14D32799	6.0 %		20.147089	0.127694	0.103461	0.067225	0.018969	0.000300	112.514	9.252024	1.00079510	7.410E-12
14D32800	6.8 %		19.599306	0.080936	0.009909	0.041635	0.017425	0.000199	112.523	9.253674	1.00079516	1.147E-11
14D32802	7.6 %		17.143046	0.067268	0.044699	0.034879	0.009160	0.000162	112.540	9.256848	1.00079528	1.125E-11
14D32803	8.4 %		19.100050	0.036037	0.009961	0.016220	0.015947	0.000102	112.549	9.258371	1.00079534	2.657E-11
14D32804	9.2 %		17.106629	0.026941	0.018702	0.012806	0.009180	0.000071	112.558	9.260022	1.00079540	3.090E-11
14D32806	10.0 %		16.918956	0.019713	0.006005	0.008243	0.008645	0.000051	112.574	9.263071	1.00079552	4.764E-11
14D32807	10.8 %	✓	16.587807	0.017377	0.006967	0.007179	0.007702	0.000044	112.583	9.264723	1.00079559	5.830E-11
14D32808	11.6 %	✓	16.602666	0.014851	0.005635	0.004979	0.007765	0.000036	112.592	9.266248	1.00079565	8.024E-11
14D32810	12.4 %	✓	15.812698	0.014378	0.001962	0.004777	0.005057	0.000030	112.609	9.269426	1.00079577	7.564E-11
14D32811	13.2 %	✓	16.589917	0.013726	0.000698	0.003786	0.007763	0.000033	112.618	9.271079	1.00079583	1.053E-10
14D32812	14.0 %	✓	16.302622	0.013824	0.001009	0.004137	0.006747	0.000030	112.626	9.272606	1.00079589	9.759E-11
14D32814	14.8 %	✓	16.016965	0.013445	0.000323	0.003664	0.005832	0.000028	112.644	9.275786	1.00079601	9.859E-11
14D32815	15.6 %	✓	16.345725	0.013493	0.006285	0.003449	0.006896	0.000031	112.652	9.277313	1.00079607	1.071E-10
14D32816	16.4 %	✓	15.625398	0.012853	0.001699	0.003994	0.004568	0.000024	112.661	9.278967	1.00079614	9.839E-11
14D32818	17.2 %	✓	15.440738	0.013420	0.005392	0.004329	0.003975	0.000025	112.678	9.282150	1.00079626	8.646E-11
14D32819	18.0 %	✓	15.561864	0.013232	0.000664	0.003883	0.004355	0.000026	112.687	9.283678	1.00079632	8.986E-11
14D32820	18.8 %	✓	15.465613	0.013234	0.000034	0.004126	0.004030	0.000024	112.695	9.285206	1.00079638	9.260E-11
14D32822	19.6 %	✓	15.596683	0.014101	0.000517	0.004672	0.004376	0.000028	112.713	9.288390	1.00079650	7.696E-11
14D32823	20.4 %	✓	15.713000	0.013969	0.000791	0.004784	0.004912	0.000029	112.722	9.290047	1.00079656	7.879E-11
14D32825	21.6 %	✓	15.697331	0.013524	0.003065	0.004567	0.004746	0.000027	112.739	9.293233	1.00079668	8.510E-11
14D32826	23.0 %	✓	15.746599	0.013697	0.005298	0.004286	0.004985	0.000029	112.747	9.294763	1.00079674	8.497E-11
14D32828	24.5 %	✓	15.901262	0.013647	0.001531	0.004178	0.005401	0.000028	112.765	9.297951	1.00079687	9.020E-11

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
14D32792	2.8 %	0.0231360 ± 0.0017885	0.0381770 ± 0.0365145	0.0871290 ± 0.0312101	0.0066402 ± 0.0332525	6.9892245 ± 0.4830205
14D32794	3.4 %	0.0251347 ± 0.0017885	0.0410231 ± 0.0365145	0.0978788 ± 0.0312101	0.0003704 ± 0.0332525	7.3152470 ± 0.4830205
14D32795	4.0 %	0.0257675 ± 0.0017885	0.0401490 ± 0.0365145	0.1020919 ± 0.0312101	0.0021593 ± 0.0332525	7.4310005 ± 0.4830205
14D32796	4.6 %	0.0261477 ± 0.0017885	0.0382385 ± 0.0365145	0.1052665 ± 0.0312101	0.0029222 ± 0.0332525	7.5093998 ± 0.4830205
14D32798	5.2 %	0.0264317 ± 0.0017885	0.0317562 ± 0.0365145	0.1100169 ± 0.0312101	0.0024339 ± 0.0332525	7.5972251 ± 0.4830205
14D32799	6.0 %	0.0263766 ± 0.0017885	0.0278266 ± 0.0365145	0.1115492 ± 0.0312101	0.0014842 ± 0.0332525	7.6085870 ± 0.4830205
14D32800	6.8 %	0.0262124 ± 0.0017885	0.0232265 ± 0.0365145	0.1127611 ± 0.0312101	0.0001203 ± 0.0332525	7.6022034 ± 0.4830205
14D32802	7.6 %	0.0256837 ± 0.0017885	0.0140177 ± 0.0365145	0.1140364 ± 0.0312101	0.0030081 ± 0.0332525	7.5457541 ± 0.4830205
14D32803	8.4 %	0.0253690 ± 0.0017885	0.0096859 ± 0.0365145	0.1142606 ± 0.0312101	0.0045546 ± 0.0332525	7.5026020 ± 0.4830205
14D32804	9.2 %	0.0250084 ± 0.0017885	0.0052156 ± 0.0365145	0.1142862 ± 0.0312101	0.0061449 ± 0.0332525	7.4472348 ± 0.4830205
14D32806	10.0 %	0.0243446 ± 0.0017885	0.0021032 ± 0.0365145	0.1138868 ± 0.0312101	0.0086029 ± 0.0332525	7.3291513 ± 0.4830205
14D32807	10.8 %	0.0240118 ± 0.0017885	0.0054266 ± 0.0365145	0.1134945 ± 0.0312101	0.0095723 ± 0.0332525	7.2605136 ± 0.4830205
14D32808	11.6 %	0.0237340 ± 0.0017885	0.0080394 ± 0.0365145	0.1130539 ± 0.0312101	0.0101979 ± 0.0332525	7.1964342 ± 0.4830205
14D32810	12.4 %	0.0232747 ± 0.0017885	0.0120095 ± 0.0365145	0.1119585 ± 0.0312101	0.0106100 ± 0.0332525	7.0668642 ± 0.4830205
14D32811	13.2 %	0.0231098 ± 0.0017885	0.0132965 ± 0.0365145	0.1113128 ± 0.0312101	0.0103491 ± 0.0332525	7.0045298 ± 0.4830205
14D32812	14.0 %	0.0230053 ± 0.0017885	0.0140458 ± 0.0365145	0.1106726 ± 0.0312101	0.0098407 ± 0.0332525	6.9516355 ± 0.4830205
14D32814	14.8 %	0.0229328 ± 0.0017885	0.0144629 ± 0.0365145	0.1091743 ± 0.0312101	0.0080958 ± 0.0332525	6.8598809 ± 0.4830205
14D32815	15.6 %	0.0229621 ± 0.0017885	0.0142525 ± 0.0365145	0.1083494 ± 0.0312101	0.0070242 ± 0.0332525	6.8263318 ± 0.4830205
14D32816	16.4 %	0.0230331 ± 0.0017885	0.0138578 ± 0.0365145	0.1073481 ± 0.0312101	0.0057849 ± 0.0332525	6.7986718 ± 0.4830205
14D32818	17.2 %	0.0232505 ± 0.0017885	0.0131096 ± 0.0365145	0.1049846 ± 0.0312101	0.0035220 ± 0.0332525	6.7730180 ± 0.4830205
14D32819	18.0 %	0.0233721 ± 0.0017885	0.0130299 ± 0.0365145	0.1035738 ± 0.0312101	0.0026851 ± 0.0332525	6.7742778 ± 0.4830205
14D32820	18.8 %	0.0234890 ± 0.0017885	0.0133324 ± 0.0365145	0.1019295 ± 0.0312101	0.0021519 ± 0.0332525	6.7845968 ± 0.4830205
14D32822	19.6 %	0.0236546 ± 0.0017885	0.0159356 ± 0.0365145	0.0975463 ± 0.0312101	0.0025447 ± 0.0332525	6.8352705 ± 0.4830205
14D32823	20.4 %	0.0236600 ± 0.0017885	0.0187956 ± 0.0365145	0.0946270 ± 0.0312101	0.0038735 ± 0.0332525	6.8769093 ± 0.4830205
14D32825	21.6 %	0.0234051 ± 0.0017885	0.0284241 ± 0.0365145	0.0874258 ± 0.0312101	0.0094677 ± 0.0332525	6.9846871 ± 0.4830205
14D32826	23.0 %	0.0231124 ± 0.0017885	0.0354825 ± 0.0365145	0.0830784 ± 0.0312101	0.0139346 ± 0.0332525	7.0483724 ± 0.4830205
14D32828	24.5 %	0.0220135 ± 0.0017885	0.0567032 ± 0.0365145	0.0717383 ± 0.0312101	0.0279795 ± 0.0332525	7.2024319 ± 0.4830205

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)
14D32792	2.8 %	0.2866463 ± 0.0012272	0.4809	EXP 150 of 150	0.0037188 ± 0.0407862	0.0061	EXP 150 of 150	0.0099043 ± 0.0312342	0.0202	EXP 150 of 150	0.93980 ± 0.02617	0.0009	EXP 150 of 150	99.2830 ± 0.0387	0.9786	EXP 150 of 150
14D32794	3.4 %	0.1492642 ± 0.0009191	0.0174	EXP 150 of 150	0.0076795 ± 0.0397618	0.0012	EXP 150 of 150	0.0064820 ± 0.0343570	0.0007	EXP 150 of 150	1.21160 ± 0.02465	0.0033	EXP 150 of 150	63.7427 ± 0.0345	0.9921	EXP 150 of 150
14D32795	4.0 %	0.0709125 ± 0.0006232	0.3251	EXP 149 of 150	0.0159629 ± 0.0413336	0.0000	EXP 150 of 150	0.0862993 ± 0.0336078	0.0074	EXP 149 of 150	0.92616 ± 0.02504	0.0053	EXP 150 of 150	35.6105 ± 0.0320	0.9961	EXP 150 of 150
14D32796	4.6 %	0.1252942 ± 0.0008831	0.0072	EXP 150 of 150	0.0294520 ± 0.0348949	0.0042	EXP 150 of 150	0.0457176 ± 0.0334735	0.0005	EXP 150 of 150	2.42720 ± 0.02673	0.0389	EXP 150 of 150	74.2832 ± 0.0378	0.9856	EXP 150 of 150
14D32798	5.2 %	0.1690364 ± 0.0010006	0.0151	EXP 150 of 150	0.0362491 ± 0.0407720	0.0008	EXP 150 of 150	0.0091756 ± 0.0293770	0.0003	EXP 150 of 150	4.66138 ± 0.02736	0.3892	EXP 150 of 150	122.1530 ± 0.0379	0.6920	EXP 150 of 150
14D32799	6.0 %	0.1647289 ± 0.0009226	0.0344	EXP 150 of 150	0.1117698 ± 0.0405140	0.0321	EXP 150 of 150	0.0199512 ± 0.0328559	0.0113	EXP 150 of 150	7.60270 ± 0.02493	0.7311	EXP 150 of 150	162.4013 ± 0.0396	0.9307	EXP 150 of 150
14D32800	6.8 %	0.2284533 ± 0.0011269	0.3253	EXP 150 of 150	0.0104347 ± 0.0394384	0.0022	EXP 150 of 150	0.1896595 ± 0.0342136	0.0149	EXP 150 of 150	12.10057 ± 0.02682	0.8871	EXP 150 of 150	247.2297 ± 0.0409	0.9947	EXP 150 of 150
14D32802	7.6 %	0.1449398 ± 0.0009826	0.0059	EXP 150 of 150	0.0787189 ± 0.0348641	0.0242	EXP 150 of 150	0.1380751 ± 0.0350327	0.0093	EXP 150 of 150	13.57628 ± 0.02925	0.8834	EXP 150 of 150	242.6488 ± 0.0422	0.9945	EXP 150 of 150
14D32803	8.4 %	0.4652498 ± 0.0015980	0.6535	EXP 150 of 150	0.0208561 ± 0.0337667	0.0030	EXP 149 of 150	0.5500769 ± 0.0293276	0.0418	EXP 150 of 150	28.76196 ± 0.02815	0.9771	EXP 150 of 150	562.4732 ± 0.0542	0.9993	EXP 150 of 150
14D32804	9.2 %	0.3538233 ± 0.0014679	0.3553	EXP 150 of 150	0.0692382 ± 0.0355757	0.0393	EXP 150 of 150	0.6970669 ± 0.0316495	0.0601	EXP 150 of 150	37.34940 ± 0.02941	0.9850	EXP 150 of 150	652.8969 ± 0.0626	0.9994	EXP 150 of 150
14D32806	10.0 %	0.5071131 ± 0.0016242	0.6283	EXP 150 of 150	0.0393650 ± 0.0358134	0.0001	EXP 150 of 150	1.1053776 ± 0.0293567	0.1056	EXP 150 of 150	58.23134 ± 0.03151	0.9930	EXP 150 of 150	1002.6247 ± 0.0733	0.9997	EXP 150 of 150
14D32807	10.8 %	0.5608549 ± 0.0018826	0.5578	EXP 150 of 150	0.0485244 ± 0.0419181	0.0079	EXP 150 of 150	1.2368798 ± 0.0329082	0.0027	EXP 150 of 150	72.68141 ± 0.03474	0.9945	EXP 150 of 150	1225.2429 ± 0.0831	0.9998	EXP 150 of 150
14D32808	11.6 %	0.7679933 ± 0.0018443	0.7586	EXP 150 of 150	0.0680242 ± 0.0384182	0.0135	EXP 149 of 150	1.8878491 ± 0.0330256	0.1271	EXP 150 of 150	99.93808 ± 0.03239	0.9975	EXP 150 of 150	1683.4913 ± 0.1018	0.9998	EXP 150 of 150
14D32810	12.4 %	0.5029973 ± 0.0016717	0.3620	EXP 150 of 150	0.0326759 ± 0.0346106	0.0027	EXP 150 of 150	1.8274968 ± 0.0314922	0.1482	EXP 150 of 150	98.91149 ± 0.03428	0.9972	EXP 150 of 150	1587.1943 ± 0.0799	0.9999	EXP 150 of 150
14D32811	13.2 %	1.0005692 ± 0.0023985	0.7812	EXP 150 of 150	0.0230503 ± 0.0383027	0.0001	EXP 150 of 150	2.4503956 ± 0.0294776	0.1526	EXP 150 of 150	131.28576 ± 0.03526	0.9983	EXP 150 of 150	2207.4651 ± 0.1092	0.9999	EXP 150 of 150
14D32812	14.0 %	0.8240754 ± 0.0019537	0.7359	EXP 150 of 150	0.0273368 ± 0.0404777	0.0005	EXP 150 of 150	2.2882716 ± 0.0294107	0.1388	EXP 150 of 150	123.78526 ± 0.03722	0.9979	EXP 150 of 150	2045.7669 ± 0.1074	0.9999	EXP 150 of 150
14D32814	14.8 %	0.7348780 ± 0.0019020	0.6308	EXP 150 of 150	0.0100929 ± 0.0336088	0.0005	EXP 150 of 150	2.3197254 ± 0.0327753	0.1503	EXP 150 of 150	127.27388 ± 0.03618	0.9981	EXP 150 of 150	2066.4364 ± 0.1125	0.9999	EXP 150 of 150
14D32815	15.6 %	0.9186845 ± 0.0023148	0.6707	EXP 150 of 150	0.0763205 ± 0.0337195	0.0572	EXP 150 of 150	2.4943019 ± 0.0301499	0.1191	EXP 150 of 150	135.43313 ± 0.03692	0.9982	EXP 150 of 150	2243.4486 ± 0.1134	0.9999	EXP 150 of 150
14D32816	16.4 %	0.5934683 ± 0.0017557	0.3418	EXP 150 of 150	0.0096721 ± 0.0415535	0.0042	EXP 150 of 150	2.3350592 ± 0.0315096	0.0540	EXP 149 of 150	130.20357 ± 0.03082	0.9987	EXP 150 of 150	2062.3143 ± 0.1048	0.9999	EXP 150 of 150
14D32818	17.2 %	0.4647255 ± 0.0016198	0.2129	EXP 149 of 150	0.0794959 ± 0.0388276	0.0269	EXP 150 of 150	2.1467140 ± 0.0344951	0.2129	EXP 150 of 150	115.77996 ± 0.03684	0.9977	EXP 150 of 150	1813.0087 ± 0.0926	0.9999	EXP 150 of 150
14D32819	18.0 %	0.5221480 ± 0.0018390	0.2223	EXP 150 of 150	0.0214576 ± 0.0331297	0.0094	EXP 150 of 150	2.2234035 ± 0.0311476	0.2436	EXP 150 of 150	119.40090 ± 0.03341	0.9982	EXP 150 of 150	1884.1260 ± 0.1078	0.9998	EXP 150 of 150
14D32820	18.8 %	0.5019978 ± 0.0016799	0.2359	EXP 150 of 150	0.0128817 ± 0.0401914	0.0033	EXP 150 of 150	2.2678099 ± 0.0344244	0.1724	EXP 150 of 150	123.79579 ± 0.03864	0.9977	EXP 150 of 150	1941.2087 ± 0.1017	0.9999	EXP 150 of 150
14D32822	19.6 %	0.4519177 ± 0.0016941	0.1124	EXP 150 of 150	0.0215467 ± 0.0351138	0.0001	EXP 150 of 150	1.8089483 ± 0.0303562	0.0529	EXP 150 of 150	102.02471 ± 0.03540	0.9971	EXP 150 of 150	1614.5651 ± 0.0878	0.9998	EXP 150 of 150
14D32823	20.4 %	0.5121190 ± 0.0016840	0.3401	EXP 150 of 150	0.0275132 ± 0.0380062	0.0022	EXP 150 of 150	1.8906763 ± 0.0347633	0.1082	EXP 150 of 150	103.68398 ± 0.03284	0.9977	EXP 150 of 150	1652.9187 ± 0.0966	0.9998	EXP 150 of 150
14D32825	21.6 %	0.5336697 ± 0.0017728	0.3373	EXP 150 of 150	0.0649167 ± 0.0402891	0.0065	EXP 150 of 150	2.0403025 ± 0.0313501	0.1121	EXP 150 of 150	112.09480 ± 0.03169	0.9981	EXP 150 of 150	1784.6950 ± 0.0967	0.9998	EXP 150 of 150
14D32826	23.0 %	0.5565709 ± 0.0019432	0.3205	EXP 150 of 150	0.0272983 ± 0.0353044	0.0082	EXP 150 of 150	2.0321995 ± 0.0311758	0.1362	EXP 150 of 150	111.58190 ± 0.03410	0.9978	EXP 150 of 150	1782.1068 ± 0.0929	0.9999	EXP 150 of 150
14D32828	24.5 %	0.6295543 ± 0.0017963	0.5368	EXP 150 of 150	0.0376330 ± 0.0370513	0.0005	EXP 150 of 150	2.1432417 ± 0.0315565	0.1012	EXP 150 of 150	117.31359 ± 0.03528	0.9979	EXP 150 of 150	1891.5576 ± 0.0923	0.9999	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
14D32792	2.8 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32794	3.4 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32795	4.0 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32796	4.6 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32798	5.2 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32799	6.0 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32800	6.8 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32802	7.6 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32803	8.4 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32804	9.2 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32806	10.0 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32807	10.8 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32808	11.6 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32810	12.4 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32811	13.2 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32812	14.0 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32814	14.8 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32815	15.6 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32816	16.4 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32818	17.2 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32819	18.0 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32820	18.8 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32822	19.6 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32823	20.4 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32825	21.6 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32826	23.0 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	01
14D32828	24.5 %	Susan Schnur	14-OSU-04	0.00	0.00	41.82	Walvis Ridge\MV1203 (13-INT-04)	14D32791	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
14D32792	2.8 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	2	53	1
14D32794	3.4 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	3	18	1
14D32795	4.0 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	3	31	1
14D32796	4.6 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	3	43	1
14D32798	5.2 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	4	8	1
14D32799	6.0 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	4	20	1
14D32800	6.8 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	4	33	1
14D32802	7.6 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	4	58	1
14D32803	8.4 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	5	10	1
14D32804	9.2 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	5	23	1
14D32806	10.0 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	5	47	1
14D32807	10.8 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	6	0	1
14D32808	11.6 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	6	12	1
14D32810	12.4 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	6	37	1
14D32811	13.2 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	6	50	1
14D32812	14.0 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	7	2	1
14D32814	14.8 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	7	27	1
14D32815	15.6 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	7	39	1
14D32816	16.4 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	7	52	1
14D32818	17.2 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	8	17	1
14D32819	18.0 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	8	29	1
14D32820	18.8 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	8	41	1
14D32822	19.6 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	9	6	1
14D32823	20.4 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	9	19	1
14D32825	21.6 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	9	44	1
14D32826	23.0 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	9	56	1
14D32828	24.5 %	MV1203-D60-02	Biotite	Contest Seamount	FCT-NM (4B28-14)	28.201	0.082	Kuiper et al (2008)	9.75898	0.196	0.00161056	0.196	303.709	0.164	0.993234	0.071	1	4.8E-14	27	NOV	2014	10	21	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
14D32792	2.8 %	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
14D32794	3.4 %	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
14D32795	4.0 %	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
14D32796	4.6 %	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
14D32798	5.2 %	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
14D32799	6.0 %	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
14D32800	6.8 %	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
14D32802	7.6 %	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
14D32803	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
14D32804	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
14D32806	10.0 %	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
14D32807	10.8 %	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
14D32808	11.6 %	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
14D32810	12.4 %	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
14D32811	13.2 %	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
14D32812	14.0 %	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
14D32814	14.8 %	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
14D32815	15.6 %	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
14D32816	16.4 %	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
14D32818	17.2 %	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
14D32819	18.0 %	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
14D32820	18.8 %	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
14D32822	19.6 %	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
14D32823	20.4 %	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
14D32825	21.6 %	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
14D32826	23.0 %	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
14D32828	24.5 %	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

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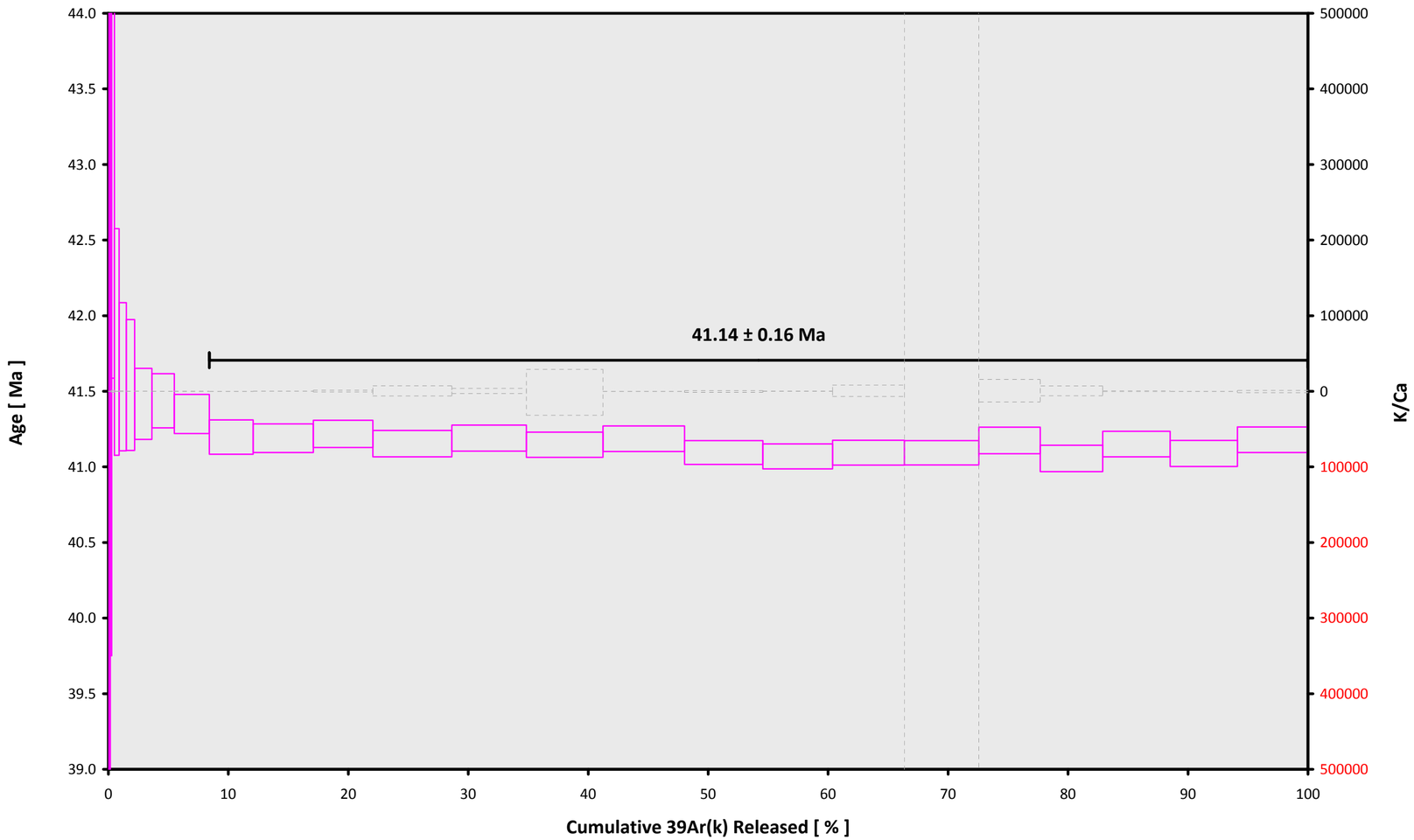


Ar-Ages in Ma

WEIGHTED PLATEAU
41.14 ± 0.16
TOTAL FUSION
41.17 ± 0.16
NORMAL ISOCHRON
40.99 ± 0.19
INVERSE ISOCHRON
41.01 ± 0.19

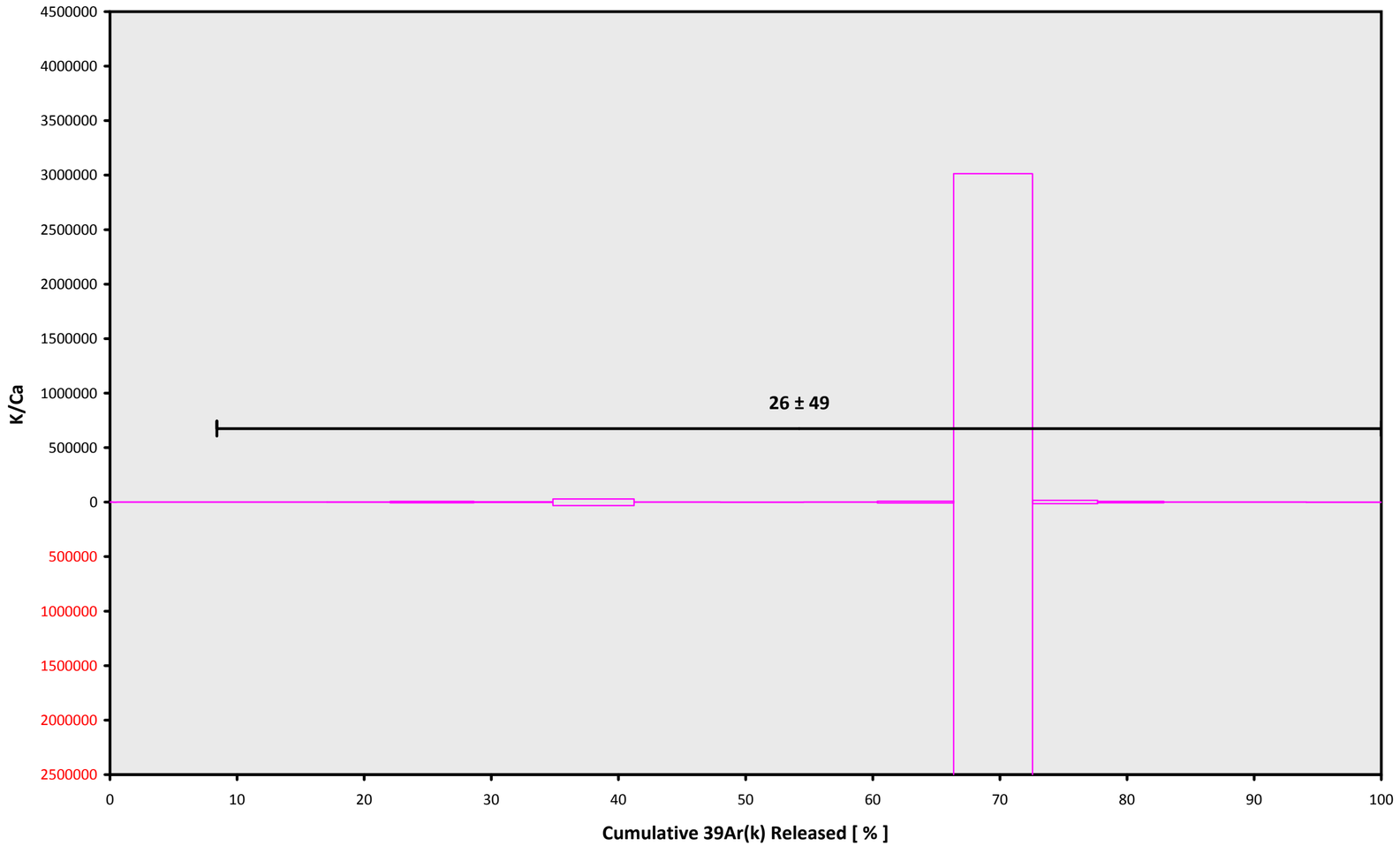
MSWD (PROBABILITY)
1.42 (13%)

Sample Info

Biotite
Contest Seamount
Susan Schnur

IRR = 14-OSU-04 (4B28-14)
J = 0.00161056 ± 0.00000316

14D32791.AGE >>> MV1203-D60-02 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
41.14 ± 0.16
TOTAL FUSION
41.17 ± 0.16
NORMAL ISOCHRON
40.99 ± 0.19
INVERSE ISOCHRON
41.01 ± 0.19

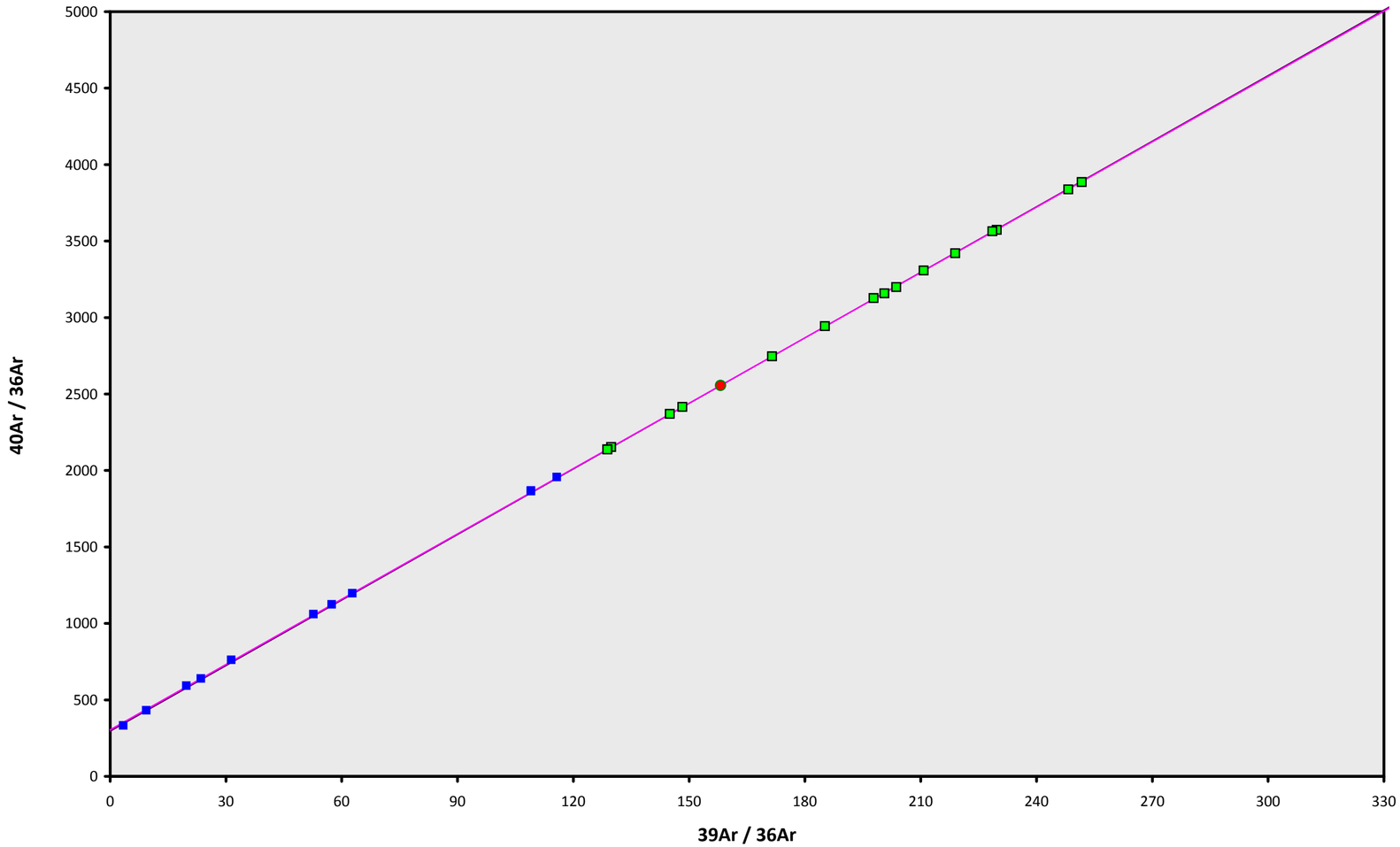
Sample Info

Biotite
Contest Seamount
Susan Schnur

IRR = 14-OSU-04 (4B28-14)
J = 0.00161056 ± 0.00000316

OSU Argon Geochronology Lab
CEOAS Oregon State University, Corvallis, USA

14D32791.AGE >>> MV1203-D60-02 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
41.14 ± 0.16
TOTAL FUSION
41.17 ± 0.16
NORMAL ISOCHRON
40.99 ± 0.19
INVERSE ISOCHRON
41.01 ± 0.19

MSWD (PROBABILITY)
0.93 (52%)

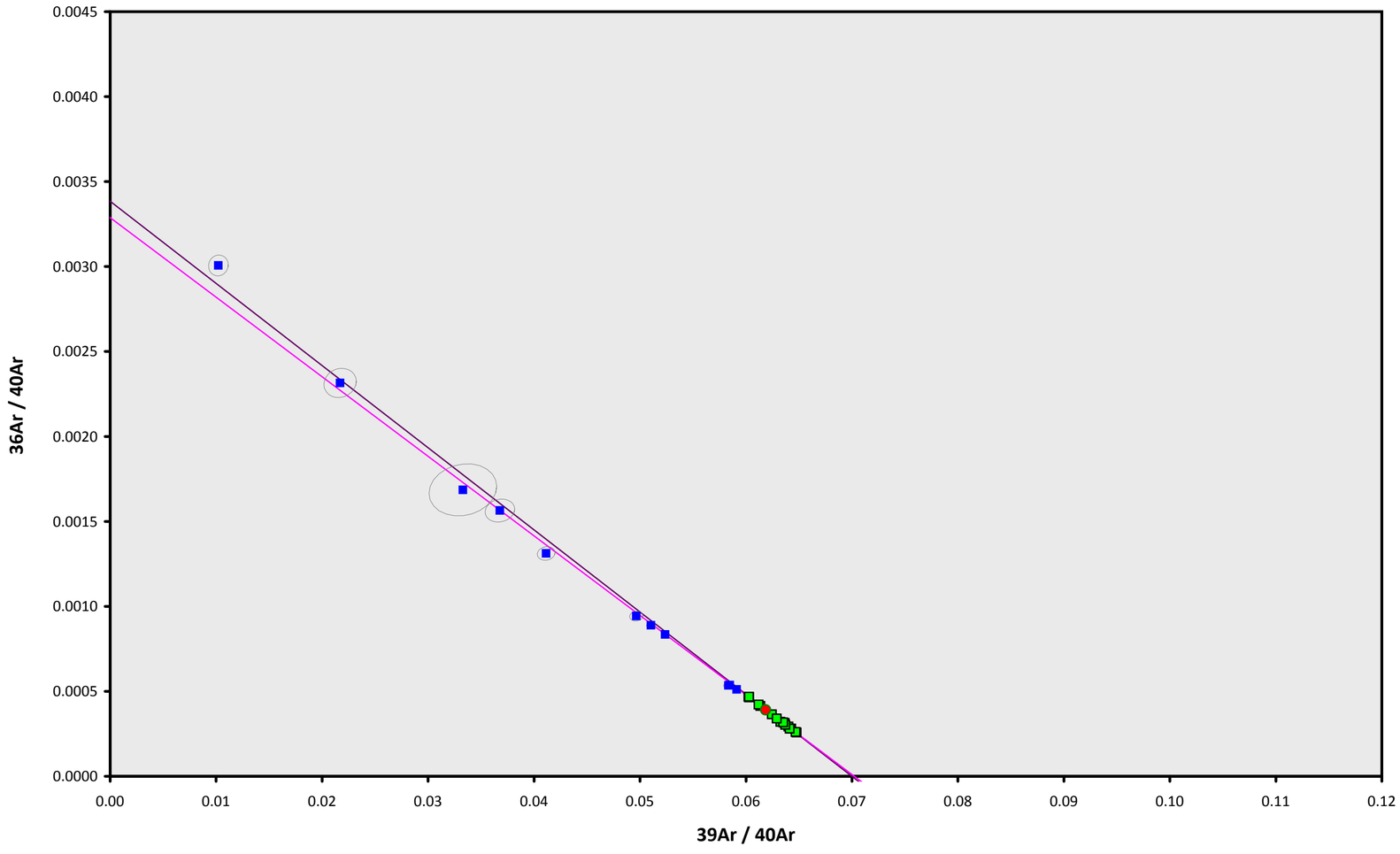
40AR/36AR INTERCEPT
304.8 ± 6.0

Sample Info

Biotite
Contest Seamount
Susan Schnur

IRR = 14-OSU-04 (4B28-14)
J = 0.00161056 ± 0.00000316

14D32791.AGE >>> MV1203-D60-02 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
41.14 ± 0.16
TOTAL FUSION
41.17 ± 0.16
NORMAL ISOCHRON
40.99 ± 0.19
INVERSE ISOCHRON
41.01 ± 0.19

MSWD (PROBABILITY)
0.93 (53%)

SPREADING FACTOR
6.5%

40AR/36AR INTERCEPT
304.1 ± 6.0

Sample Info

Biotite
Contest Seamount
Susan Schnur

IRR = 14-OSU-04 (4B28-14)
J = 0.00161056 ± 0.00000316