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
14D34727	2.8 %		0.534903	0.517	0.2562833	195.513	0.205715	18.994	1.6682	2.500	178.539	0.106	12.25969 ± 1.17817	34.95 ± 3.33	11.46	0.10	3 ± 11
14D34729	3.4 %	✓	0.129576	1.302	0.1088970	492.719	0.087525	41.445	1.6810	2.453	63.388	0.298	14.92229 ± 0.96998	42.45 ± 2.73	39.57	0.10	7 ± 65
14D34730	4.0 %	✓	0.116202	1.433	1.4260311	35.807	0.028066	129.788	2.3653	1.775	69.963	0.269	15.00387 ± 0.69499	42.68 ± 1.95	50.75	0.14	1 ± 1
14D34731	4.6 %	✓	0.124848	1.336	0.9487092	53.646	0.088561	42.869	3.5095	1.155	89.040	0.212	14.83159 ± 0.45654	42.19 ± 1.28	58.47	0.21	2 ± 2
14D34733	5.2 %	✓	0.269651	0.739	0.0636277	832.727	0.144902	24.834	5.6916	0.723	163.329	0.116	14.69209 ± 0.30442	41.80 ± 0.86	51.20	0.34	38 ± 641
14D34734	6.0 %	✓	0.170606	1.035	0.8762198	60.518	0.166106	23.073	9.2752	0.442	185.508	0.103	14.55305 ± 0.17608	41.41 ± 0.50	72.77	0.56	5 ± 6
14D34735	6.8 %	✓	0.228439	0.861	0.7332010	74.154	0.266073	14.307	12.8673	0.318	255.998	0.075	14.64054 ± 0.13320	41.65 ± 0.37	73.59	0.78	8 ± 11
14D34737	7.6 %	✓	0.200134	0.910	0.0578474	946.495	0.328301	11.338	17.1731	0.258	309.119	0.062	14.55326 ± 0.10049	41.41 ± 0.28	80.85	1.04	128 ± 2416
14D34738	8.4 %	✓	0.337299	0.673	0.3405629	152.829	0.487841	7.765	25.8180	0.180	474.851	0.041	14.52932 ± 0.07523	41.34 ± 0.21	79.00	1.56	33 ± 100
14D34739	9.2 %	✓	0.669536	0.485	0.0758563	672.459	0.746414	4.920	35.3058	0.142	708.175	0.028	14.45081 ± 0.06897	41.12 ± 0.19	72.04	2.14	200 ± 2692
14D34741	10.0 %	✓	0.478324	0.564	0.2722421	203.445	0.936715	3.975	46.6693	0.116	819.459	0.024	14.52726 ± 0.04877	41.34 ± 0.14	82.73	2.83	74 ± 300
14D34742	10.8 %	✓	0.534635	0.526	0.9071204	57.741	1.092104	3.628	55.4982	0.105	961.607	0.021	14.47813 ± 0.04339	41.20 ± 0.12	83.56	3.36	26 ± 30
14D34743	11.6 %	✓	0.619354	0.477	0.2417592	225.603	1.328944	2.716	67.4054	0.097	1159.881	0.018	14.48919 ± 0.03884	41.23 ± 0.11	84.20	4.08	120 ± 541
14D34745	12.4 %	✓	0.933685	0.408	0.3455921	153.044	1.464196	2.587	73.4934	0.095	1336.324	0.015	14.42571 ± 0.04153	41.05 ± 0.12	79.34	4.45	91 ± 280
14D34746	13.2 %	✓	0.855805	0.415	0.6407392	81.831	1.740632	2.069	86.4457	0.087	1506.916	0.014	14.50374 ± 0.03542	41.27 ± 0.10	83.20	5.24	58 ± 95
14D34747	14.0 %	✓	0.670495	0.468	0.1543964	352.552	1.594175	2.263	83.1906	0.091	1402.131	0.015	14.46915 ± 0.03485	41.17 ± 0.10	85.85	5.04	232 ± 1634
14D34749	14.8 %	✓	0.635137	0.483	0.9459875	55.820	1.734926	2.124	89.6630	0.087	1482.438	0.014	14.43772 ± 0.03272	41.08 ± 0.09	87.32	5.43	41 ± 46
14D34750	15.6 %	✓	0.584549	0.489	0.1489530	359.073	1.981336	1.836	102.2583	0.084	1652.642	0.013	14.46869 ± 0.02978	41.17 ± 0.08	89.53	6.20	295 ± 2120
14D34751	16.4 %	✓	0.518264	0.526	0.2393055	233.520	1.846698	2.020	96.9797	0.085	1556.279	0.013	14.46507 ± 0.03005	41.16 ± 0.08	90.14	5.88	174 ± 814
14D34753	17.2 %	✓	0.661939	0.451	0.4111212	130.771	2.010211	1.934	100.5246	0.083	1649.914	0.013	14.46416 ± 0.03000	41.16 ± 0.08	88.13	6.09	105 ± 275
14D34754	18.0 %	✓	0.590387	0.475	0.5331185	100.584	1.915162	1.923	100.0298	0.084	1619.130	0.013	14.43848 ± 0.02979	41.09 ± 0.08	89.20	6.06	81 ± 162
14D34755	18.8 %	✓	0.567929	0.499	0.3128758	174.955	1.970220	1.892	101.6827	0.085	1640.101	0.013	14.47543 ± 0.02988	41.19 ± 0.08	89.74	6.16	140 ± 489
14D34757	19.6 %	✓	0.538176	0.527	0.2385292	223.916	1.818742	2.174	95.6383	0.085	1539.926	0.013	14.43549 ± 0.03038	41.08 ± 0.09	89.65	5.79	172 ± 772
14D34758	20.4 %	✓	0.520552	0.487	0.0851374	625.882	1.865155	2.080	95.6877	0.086	1536.328	0.014	14.44459 ± 0.02977	41.10 ± 0.08	89.97	5.80	483 ± 6050
14D34760	21.6 %	✓	0.642404	0.465	0.5002948	107.572	2.081722	1.787	106.9763	0.083	1738.569	0.012	14.47438 ± 0.02949	41.19 ± 0.08	89.06	6.48	92 ± 198
14D34761	23.0 %	✓	0.683687	0.463	0.6015398	88.092	2.070418	1.850	107.5825	0.083	1760.091	0.012	14.47952 ± 0.02996	41.20 ± 0.08	88.50	6.52	77 ± 135
14D34763	24.5 %	✓	0.887806	0.412	1.5952061	33.689	2.541658	1.476	125.5330	0.080	2079.502	0.010	14.47324 ± 0.02917	41.18 ± 0.08	87.37	7.61	34 ± 23
		Σ	13.704321	0.104	1.6145407	171.405	32.542519	0.599	1650.6135	0.022	27939.146	0.004					

Information on Analysis and Constants Used in Calculations

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D60-04**
Material = **Biotite**
Location = **Contest Seamount**
Region = **Walvis Ridge**
Analyst = **Dan Miggins**
Irradiation = **14-OSU-04 (R98)**
Position = **X: 0 | Y: 0 | Z/H: 45.82 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **9.87502 ± 0.01916**
FCT-NM J-value = **0.00159163 ± 0.00000309**
Air Shot 40Ar/36Ar = **303.3370 ± 0.5096**
Air Shot MDF = **0.99353266 ± 0.00070841 (LIN)**
Experiment Type = **Incremental Heating**
Extraction Method = **Bulk Laser Heating**
Heating = **60 sec**
Isolation = **6.00 min**
Instrument = **ARGUS-VI-D**
Preferred Age = **Plateau Age**
Age Classification = **Eruption Age**
IGSN = **IESS10047**
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		14.46727 ± 0.01126	**41.17 ± 0.16**	2.10	99.90	1 ± 1
Error Mean		± 0.08%	**± 0.39%**	0%	26	
			Full External Error ± 0.94	1.57	2σ Confidence Limit	
			Analytical Error ± 0.03	1.4500	Error Magnification	
Total Fusion Age		14.46976 ± 0.00817	**41.17 ± 0.16**		27	440 ± 1507
		± 0.06%	**± 0.39%**			
			Full External Error ± 0.94			
			Analytical Error ± 0.02			
Normal Isochron	**300.37 ± 3.63**	14.43140 ± 0.02837	**41.07 ± 0.18**	1.72	99.90	
Error Chron	**± 1.21%**	± 0.20%	**± 0.43%**	2%	26	
			Full External Error ± 0.94	1.58	2σ Confidence Limit	
			Analytical Error ± 0.08	1.3111	Error Magnification	
				37	Number of Iterations	
				0.0001364907	Convergence	
Inverse Isochron	**300.24 ± 3.62**	14.43276 ± 0.02834	**41.07 ± 0.18**	1.71	99.90	
Error Chron	**± 1.21%**	± 0.20%	**± 0.43%**	2%	26	
			Full External Error ± 0.94	1.58	2σ Confidence Limit	
			Analytical Error ± 0.08	1.3089	Error Magnification	
Notes				3	Number of Iterations	
Good plateau				0.0000009157	Convergence	
				52%	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
14D34727	2.8 %		0.534954	0.2562833	0.085678	1.6684	20.454	34.95 ± 3.33	11.46	0.10	3 ± 11
14D34729	3.4 %	✓	0.129596	0.1088970	0.043087	1.6811	25.085	42.45 ± 2.73	39.57	0.10	7 ± 65
14D34730	4.0 %	✓	0.116582	1.4260311	0.000000	2.3663	35.504	42.68 ± 1.95	50.75	0.14	1 ± 1
14D34731	4.6 %	✓	0.125096	0.9487092	0.023019	3.5101	52.060	42.19 ± 1.28	58.47	0.21	2 ± 2
14D34733	5.2 %	✓	0.269663	0.0636277	0.026031	5.6916	83.622	41.80 ± 0.86	51.20	0.34	38 ± 641
14D34734	6.0 %	✓	0.170834	0.8762198	0.022643	9.2758	134.991	41.41 ± 0.50	72.77	0.56	5 ± 6
14D34735	6.8 %	✓	0.228619	0.7332010	0.068584	12.8678	188.392	41.65 ± 0.37	73.59	0.78	8 ± 11
14D34737	7.6 %	✓	0.200101	0.0578474	0.084290	17.1730	249.923	41.41 ± 0.28	80.85	1.04	128 ± 2416
14D34738	8.4 %	✓	0.337184	0.3405629	0.114184	25.8177	375.114	41.34 ± 0.21	79.00	1.56	33 ± 100
14D34739	9.2 %	✓	0.669515	0.0758563	0.196523	35.3058	510.198	41.12 ± 0.19	72.04	2.14	200 ± 2692
14D34741	10.0 %	✓	0.478192	0.2722421	0.285845	46.6691	677.975	41.34 ± 0.14	82.73	2.83	74 ± 300
14D34742	10.8 %	✓	0.534326	0.9071204	0.324482	55.4976	803.501	41.20 ± 0.12	83.56	3.36	26 ± 30
14D34743	11.6 %	✓	0.619205	0.2417592	0.402245	67.4053	976.648	41.23 ± 0.11	84.20	4.08	120 ± 541
14D34745	12.4 %	✓	0.933508	0.3455921	0.405502	73.4931	1060.191	41.05 ± 0.12	79.34	4.45	91 ± 280
14D34746	13.2 %	✓	0.855521	0.6407392	0.540666	86.4453	1253.779	41.27 ± 0.10	83.20	5.24	58 ± 95
14D34747	14.0 %	✓	0.670438	0.1543964	0.468014	83.1907	1203.699	41.17 ± 0.10	85.85	5.04	232 ± 1634
14D34749	14.8 %	✓	0.634773	0.9459875	0.537491	89.6623	1294.520	41.08 ± 0.09	87.32	5.43	41 ± 46
14D34750	15.6 %	✓	0.584454	0.1489530	0.641841	102.2584	1479.545	41.17 ± 0.08	89.53	6.20	295 ± 2120
14D34751	16.4 %	✓	0.518078	0.2393055	0.583090	96.9796	1402.816	41.16 ± 0.08	90.14	5.88	174 ± 814
14D34753	17.2 %	✓	0.661688	0.4111212	0.677104	100.5244	1454.001	41.16 ± 0.08	88.13	6.09	105 ± 275
14D34754	18.0 %	✓	0.590404	0.5331185	0.601391	100.0302	1444.283	41.09 ± 0.08	89.20	6.06	81 ± 162
14D34755	18.8 %	✓	0.567878	0.3128758	0.640759	101.6829	1471.904	41.19 ± 0.08	89.74	6.16	140 ± 489
14D34757	19.6 %	✓	0.537994	0.2385292	0.567552	95.6381	1380.583	41.08 ± 0.09	89.65	5.79	172 ± 772
14D34758	20.4 %	✓	0.520446	0.0851374	0.616671	95.6878	1382.171	41.10 ± 0.08	89.97	5.80	483 ± 6050
14D34760	21.6 %	✓	0.642130	0.5002948	0.674644	106.9759	1548.411	41.19 ± 0.08	89.06	6.48	92 ± 198
14D34761	23.0 %	✓	0.683391	0.6015398	0.648328	107.5821	1557.737	41.20 ± 0.08	88.50	6.52	77 ± 135
14D34763	24.5 %	✓	0.887201	1.5952061	0.865451	125.5319	1816.854	41.18 ± 0.08	87.37	7.61	34 ± 23
		Σ	13.701772	1.6145407	10.145115	1650.6124	23883.962				

Information on Analysis

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D60-04**
Material = **Biotite**
Location = **Contest Seamount**
Region = **Walvis Ridge**
Analyst = **Dan Miggins**
Irradiation = **14-OSU-04 (R98)**
J = **0.00159163 ± 0.00000309**
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	14.46727	± 0.01126	**41.17**	**± 0.16**	2.10	99.90	1 ± 1
Error Mean		± 0.08%		**± 0.39%**	0%	26	
		Full External Error		± 0.94	1.57	2σ Confidence Limit	
		Analytical Error		± 0.03	1.4500	Error Magnification	
Total Fusion Age	14.46976	± 0.00817	**41.17**	**± 0.16**		27	440 ± 1507
		± 0.06%		**± 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.
14D34727	2.8 %		3.12 ± 0.16	333.74 ± 3.52	0.1985
14D34729	3.4 %	✓	12.97 ± 0.72	489.07 ± 13.11	0.4585
14D34730	4.0 %	✓	20.30 ± 0.93	600.04 ± 17.50	0.6176
14D34731	4.6 %	✓	28.06 ± 0.99	711.66 ± 19.28	0.7476
14D34733	5.2 %	✓	21.11 ± 0.44	605.60 ± 9.08	0.7069
14D34734	6.0 %	✓	54.30 ± 1.22	1085.69 ± 22.62	0.9152
14D34735	6.8 %	✓	56.28 ± 1.03	1119.54 ± 19.39	0.9349
14D34737	7.6 %	✓	85.82 ± 1.63	1544.49 ± 28.27	0.9601
14D34738	8.4 %	✓	76.57 ± 1.07	1407.99 ± 19.04	0.9646
14D34739	9.2 %	✓	52.73 ± 0.53	1057.54 ± 10.28	0.9584
14D34741	10.0 %	✓	97.59 ± 1.13	1713.29 ± 19.38	0.9787
14D34742	10.8 %	✓	103.86 ± 1.12	1799.27 ± 18.96	0.9797
14D34743	11.6 %	✓	108.86 ± 1.06	1872.76 ± 17.92	0.9792
14D34745	12.4 %	✓	78.73 ± 0.66	1431.21 ± 11.70	0.9733
14D34746	13.2 %	✓	101.04 ± 0.86	1761.01 ± 14.65	0.9781
14D34747	14.0 %	✓	124.08 ± 1.18	2090.89 ± 19.59	0.9812
14D34749	14.8 %	✓	141.25 ± 1.39	2334.84 ± 22.62	0.9837
14D34750	15.6 %	✓	174.96 ± 1.74	2827.00 ± 27.68	0.9851
14D34751	16.4 %	✓	187.19 ± 2.00	3003.23 ± 31.66	0.9869
14D34753	17.2 %	✓	151.92 ± 1.40	2492.91 ± 22.54	0.9833
14D34754	18.0 %	✓	169.43 ± 1.64	2741.76 ± 26.10	0.9843
14D34755	18.8 %	✓	179.06 ± 1.82	2887.44 ± 28.88	0.9856
14D34757	19.6 %	✓	177.77 ± 1.90	2861.67 ± 30.21	0.9871
14D34758	20.4 %	✓	183.86 ± 1.82	2951.24 ± 28.83	0.9844
14D34760	21.6 %	✓	166.60 ± 1.58	2706.87 ± 25.23	0.9841
14D34761	23.0 %	✓	157.42 ± 1.48	2574.92 ± 23.91	0.9840
14D34763	24.5 %	✓	141.49 ± 1.19	2343.35 ± 19.36	0.9813

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	**300.37 ± 3.63**	14.43140 ± 0.02837	**41.07 ± 0.18**	1.72
Error Chron	**± 1.21%**	± 0.20%	**± 0.43%**	2%
			Full External Error ± 0.94	
			Analytical Error ± 0.08	

Statistics				
	2σ Confidence Limit	1.58	Convergence	0.000136490724
	Error Magnification	1.3111	Number of Iterations	37
	Number of Data Points	26	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ		36(a)/40(a+r) ± 2σ		r.i.
14D34727	2.8 %		0.0093452	± 0.0004677	0.00299638	± 0.00003164	0.0085
14D34729	3.4 %	✓	0.0265232	± 0.0013106	0.00204471	± 0.00005482	0.0268
14D34730	4.0 %	✓	0.0338267	± 0.0012142	0.00166656	± 0.00004861	0.0277
14D34731	4.6 %	✓	0.0394277	± 0.0009262	0.00140516	± 0.00003807	0.0283
14D34733	5.2 %	✓	0.0348522	± 0.0005106	0.00165126	± 0.00002477	0.0246
14D34734	6.0 %	✓	0.0500117	± 0.0004543	0.00092108	± 0.00001919	0.0224
14D34735	6.8 %	✓	0.0502749	± 0.0003281	0.00089322	± 0.00001547	0.0199
14D34737	7.6 %	✓	0.0555666	± 0.0002951	0.00064746	± 0.00001185	0.0158
14D34738	8.4 %	✓	0.0543815	± 0.0002002	0.00071023	± 0.00000960	0.0134
14D34739	9.2 %	✓	0.0498642	± 0.0001439	0.00094559	± 0.00000919	0.0110
14D34741	10.0 %	✓	0.0569636	± 0.0001350	0.00058367	± 0.00000660	0.0087
14D34742	10.8 %	✓	0.0577261	± 0.0001241	0.00055578	± 0.00000586	0.0078
14D34743	11.6 %	✓	0.0581269	± 0.0001152	0.00053397	± 0.00000511	0.0066
14D34745	12.4 %	✓	0.0550081	± 0.0001060	0.00069871	± 0.00000571	0.0059
14D34746	13.2 %	✓	0.0573782	± 0.0001014	0.00056785	± 0.00000472	0.0051
14D34747	14.0 %	✓	0.0593451	± 0.0001093	0.00047826	± 0.00000448	0.0050
14D34749	14.8 %	✓	0.0604970	± 0.0001072	0.00042829	± 0.00000415	0.0046
14D34750	15.6 %	✓	0.0618903	± 0.0001057	0.00035373	± 0.00000346	0.0039
14D34751	16.4 %	✓	0.0623299	± 0.0001075	0.00033297	± 0.00000351	0.0040
14D34753	17.2 %	✓	0.0609412	± 0.0001021	0.00040114	± 0.00000363	0.0044
14D34754	18.0 %	✓	0.0617948	± 0.0001056	0.00036473	± 0.00000347	0.0041
14D34755	18.8 %	✓	0.0620127	± 0.0001064	0.00034633	± 0.00000346	0.0038
14D34757	19.6 %	✓	0.0621204	± 0.0001064	0.00034945	± 0.00000369	0.0038
14D34758	20.4 %	✓	0.0622982	± 0.0001088	0.00033884	± 0.00000331	0.0044
14D34760	21.6 %	✓	0.0615455	± 0.0001036	0.00036943	± 0.00000344	0.0036
14D34761	23.0 %	✓	0.0611373	± 0.0001026	0.00038836	± 0.00000361	0.0037
14D34763	24.5 %	✓	0.0603803	± 0.0000979	0.00042674	± 0.00000353	0.0031

Results	40(a)/36(a) ± 2σ		40(r)/39(k) ± 2σ		Age ± 2σ (Ma)		MSWD
Inverse Isochron	**300.24**	**± 3.62**	14.43276	± 0.02834	**41.07**	**± 0.18**	1.71
Error Chron		**± 1.21%**		± 0.20%		**± 0.43%**	2%
					Full External Error	± 0.94	
					Analytical Error	± 0.08	

Statistics				
	2σ Confidence Limit	1.58	Convergence	0.0000009157
	Error Magnification	1.3089	Number of Iterations	3
	Number of Data Points	26	Calculated Line	Weighted York-2
	Spreading Factor	51.7%		

Degassing Patterns			36Ar(a) [fA]	%1σ	36Ar(c) [fA]	%1σ	36Ar(ca) [fA]	%1σ	36Ar(cl) [fA]	%1σ	37Ar(ca) [fA]	%1σ	38Ar(a) [fA]	%1σ	38Ar(c) [fA]	%1σ	38Ar(k) [fA]	%1σ	38Ar(ca) [fA]	%1σ	38Ar(cl) [fA]	%1σ	39Ar(k) [fA]	%1σ	39Ar(ca) [fA]	%1σ	40Ar(r) [fA]	%1σ	40Ar(a) [fA]	%1σ	40Ar(c) [fA]	%1σ	40Ar(k) [fA]	%1σ
14D34727	2.8 %		0.534954	0.52	0.0000000	0.00	0.0000682	195.51	0.0000179	45.62	0.2562833	195.51	0.0999828	0.52	0.0000000	0.00	0.020073	2.51	0.0000184	195.93	0.085678	45.63	1.6684	2.50	0.0001731	195.52	20.454	4.10	158.0788	0.52	0.0000000	0.00	0.0063784	3.65
14D34729	3.4 %	✓	0.129596	1.31	0.0000000	0.00	0.0000290	492.72	0.0000090	84.21	0.1088970	492.72	0.0242216	1.31	0.0000000	0.00	0.020225	2.46	0.0000078	492.89	0.043087	84.22	1.6811	2.45	0.0000736	492.72	25.085	2.13	38.2957	1.31	0.0000000	0.00	0.0064267	3.62
14D34730	4.0 %	✓	0.116582	1.43	0.0000000	0.00	0.0003798	35.81	0.0000000	0.00	1.4260311	35.81	0.0217892	1.43	0.0000000	0.00	0.028469	1.78	0.0001024	38.03	0.000000	0.00	2.3663	1.77	0.0009634	35.83	35.504	1.49	34.4500	1.43	0.0000000	0.00	0.0090464	3.20
14D34731	4.6 %	✓	0.125096	1.34	0.0000000	0.00	0.0002526	53.65	0.0000048	164.96	0.9487092	53.65	0.0233805	1.34	0.0000000	0.00	0.042230	1.17	0.0000681	55.16	0.023019	164.96	3.5101	1.16	0.0006409	53.66	52.060	1.02	36.9659	1.34	0.0000000	0.00	0.0134191	2.90
14D34733	5.2 %	✓	0.269663	0.74	0.0000000	0.00	0.0000169	832.73	0.0000054	138.27	0.0636277	832.73	0.0503999	0.74	0.0000000	0.00	0.068476	0.74	0.0000046	832.83	0.026031	138.27	5.6916	0.72	0.0000430	832.73	83.622	0.74	79.6853	0.74	0.0000000	0.00	0.0217590	2.76
14D34734	6.0 %	✓	0.170834	1.04	0.0000000	0.00	0.0002333	60.52	0.0000047	169.30	0.8762198	60.52	0.0319290	1.04	0.0000000	0.00	0.111597	0.47	0.0000629	61.86	0.022643	169.30	9.2758	0.44	0.0005920	60.53	134.991	0.41	50.4816	1.04	0.0000000	0.00	0.0354614	2.70
14D34735	6.8 %	✓	0.228619	0.86	0.0000000	0.00	0.0001953	74.15	0.0000143	55.52	0.7332010	74.15	0.0427290	0.86	0.0000000	0.00	0.154813	0.36	0.0000526	75.25	0.068584	55.53	12.8678	0.32	0.0004954	74.17	188.392	0.33	67.5571	0.86	0.0000000	0.00	0.0491936	2.68
14D34737	7.6 %	✓	0.200101	0.91	0.0000000	0.00	0.0000154	946.49	0.0000176	44.18	0.0578474	946.49	0.0373989	0.91	0.0000000	0.00	0.206609	0.30	0.0000042	946.58	0.084290	44.19	17.1730	0.26	0.0000391	946.50	249.923	0.23	59.1298	0.91	0.0000000	0.00	0.0656524	2.67
14D34738	8.4 %	✓	0.337184	0.67	0.0000000	0.00	0.0000907	152.83	0.0000238	33.20	0.3405629	152.83	0.0630197	0.67	0.0000000	0.00	0.310613	0.24	0.0000245	153.37	0.114184	33.21	25.8177	0.18	0.0002301	152.83	375.114	0.19	99.6379	0.67	0.0000000	0.00	0.0987013	2.67
14D34739	9.2 %	✓	0.669515	0.49	0.0000000	0.00	0.0000202	672.46	0.0000410	18.72	0.0758563	672.46	0.1251323	0.49	0.0000000	0.00	0.424765	0.21	0.0000054	672.58	0.196523	18.74	35.3058	0.14	0.0000512	672.46	510.198	0.19	197.8416	0.49	0.0000000	0.00	0.1349742	2.66
14D34741	10.0 %	✓	0.478192	0.56	0.0000000	0.00	0.0000725	203.44	0.0000596	13.06	0.2722421	203.44	0.0893741	0.56	0.0000000	0.00	0.561476	0.20	0.0000195	203.85	0.285845	13.10	46.6691	0.12	0.0001839	203.45	677.975	0.12	141.3057	0.56	0.0000000	0.00	0.1784161	2.66
14D34742	10.8 %	✓	0.534326	0.53	0.0000000	0.00	0.0002416	57.74	0.0000677	12.25	0.9071204	57.74	0.0998655	0.53	0.0000000	0.00	0.667692	0.19	0.0000651	59.15	0.324482	12.29	55.4976	0.11	0.0006129	57.76	803.501	0.11	157.8933	0.53	0.0000000	0.00	0.2121673	2.66
14D34743	11.6 %	✓	0.619205	0.48	0.0000000	0.00	0.0000644	225.60	0.0000839	9.03	0.2417592	225.60	0.1157295	0.48	0.0000000	0.00	0.810953	0.19	0.0000174	225.97	0.402245	9.08	67.4053	0.10	0.0001633	225.61	976.648	0.09	182.9752	0.48	0.0000000	0.00	0.2576903	2.66
14D34745	12.4 %	✓	0.933508	0.41	0.0000000	0.00	0.0000920	153.04	0.0000846	9.40	0.3455921	153.04	0.1744727	0.41	0.0000000	0.00	0.884196	0.19	0.0000248	153.58	0.405502	9.44	73.4931	0.10	0.0002335	153.05	1060.191	0.11	275.8516	0.41	0.0000000	0.00	0.2809643	2.66
14D34746	13.2 %	✓	0.855521	0.42	0.0000000	0.00	0.0001706	81.83	0.0001128	6.74	0.6407392	81.83	0.1598969	0.42	0.0000000	0.00	1.040023	0.18	0.0000460	82.83	0.540666	6.80	86.4453	0.09	0.0004329	81.84	1253.779	0.09	252.8066	0.42	0.0000000	0.00	0.3304802	2.66
14D34747	14.0 %	✓	0.670438	0.47	0.0000000	0.00	0.0000411	352.55	0.0000977	7.78	0.1543964	352.55	0.1253049	0.47	0.0000000	0.00	1.000867	0.18	0.0000111	352.78	0.468014	7.83	83.1907	0.09	0.0001043	352.55	1203.699	0.08	198.1145	0.47	0.0000000	0.00	0.3180380	2.66
14D34749	14.8 %	✓	0.634773	0.48	0.0000000	0.00	0.0002519	55.82	0.0001122	6.93	0.9459875	55.82	0.1186391	0.48	0.0000000	0.00	1.078727	0.18	0.0000679	57.27	0.537491	6.99	89.6623	0.09	0.0006391	55.84	1294.520	0.07	187.5754	0.48	0.0000000	0.00	0.3427791	2.66
14D34750	15.6 %	✓	0.584454	0.49	0.0000000	0.00	0.0000397	359.07	0.0001340	5.75	0.1489530	359.07	0.1092345	0.49	0.0000000	0.00	1.230271	0.18	0.0000107	359.30	0.641841	5.83	102.2584	0.08	0.0001006	359.08	1479.545	0.06	172.7062	0.49	0.0000000	0.00	0.3909338	2.66
14D34751	16.4 %	✓	0.518078	0.53	0.0000000	0.00	0.0000637	233.52	0.0001217	6.48	0.2393055	233.52	0.0968289	0.53	0.0000000	0.00	1.166761	0.18	0.0000172	233.87	0.583090	6.54	96.9796	0.09	0.0001617	233.52	1402.816	0.06	153.0922	0.53	0.0000000	0.00	0.3707529	2.66
14D34753	17.2 %	✓	0.661688	0.45	0.0000000	0.00	0.0001095	130.77	0.0001414	5.82	0.4111212	130.77	0.1236695	0.45	0.0000000	0.00	1.209409	0.18	0.0000295	131.40	0.677104	5.90	100.5244	0.08	0.0002778	130.78	1454.001	0.06	195.5288	0.45	0.0000000	0.00	0.3843046	2.66
14D34754	18.0 %	✓	0.590404	0.48	0.0000000	0.00	0.0001420	100.58	0.0001256	6.20	0.5331185	100.58	0.1103464	0.48	0.0000000	0.00	1.203463	0.18	0.0000383	101.40	0.601391	6.27	100.0302	0.08	0.0003602	100.59	1444.283	0.06	174.4643	0.48	0.0000000	0.00	0.3824153	2.66
14D34755	18.8 %	✓	0.567878	0.50	0.0000000	0.00	0.0000833	174.96	0.0001338	5.90	0.3128758	174.96	0.1061364	0.50	0.0000000	0.00	1.223347	0.18	0.0000225	175.42	0.640759	5.97	101.6829	0.08	0.0002114	174.96	1471.904	0.06	167.8080	0.50	0.0000000	0.00	0.3887338	2.66
14D34757	19.6 %	✓	0.537994	0.53	0.0000000	0.00	0.0000635	223.92	0.0001185	7.04	0.2385292	223.92	0.1005511	0.53	0.0000000	0.00	1.150622	0.18	0.0000171	224.28	0.567552	7.10	95.6381	0.08	0.0001612	223.92	1380.583	0.06	158.9772	0.53	0.0000000	0.00	0.3656245	2.66
14D34758	20.4 %	✓	0.520446	0.49	0.0000000	0.00	0.0000227	625.88	0.0001288	6.37	0.0851374	625.88	0.0972714	0.49	0.0000000	0.00	1.151219	0.18	0.0000061	626.01	0.616671	6.43	95.6878	0.09	0.0000575	625.88	1382.171	0.06	153.7918	0.49	0.0000000	0.00	0.3658143	2.66
14D34760	21.6 %	✓	0.642130	0.47	0.0000000	0.00	0.0001332	107.57	0.0001409	5.60	0.5002948	107.57	0.1200141	0.47	0.0000000	0.00	1.287027	0.18	0.0000359	108.33	0.674644	5.68	106.9759	0.08	0.0003380	107.58	1548.411	0.06	189.7495	0.47	0.0000000	0.00	0.4089689	2.66
14D34761	23.0 %	✓	0.683391	0.46	0.0000000	0.00	0.0001602	88.09	0.0001355	5.99	0.6015398	88.09	0.1277258	0.46	0.0000000	0.00	1.294321	0.18	0.0000432	89.02	0.648328	6.06	107.5821	0.08	0.0004064	88.10	1557.737	0.06	201.9421	0.46	0.0000000	0.00	0.4112865	2.66
14D34763	24.5 %	✓	0.887201	0.41	0.0000000	0.00	0.0004248	33.69	0.0001808	4.44	1.5952061	33.69	0.1658178	0.41	0.0000000	0.00	1.510275	0.18	0.0001145	36.05	0.865451	4.54	125.5319	0.08	0.0010777	33.71	1816.854	0.06	262.1678	0.41	0.0000000	0.00	0.4799086	2.66
		Σ	13.701772	0.10	0.0000000	0.00	0.0004300	171.41	0.0021183	1.90	1.6145407	171.41	2.5608613	0.10	0.0000000	0.00	19.858518	0.04	0.0001159	173.36	10.145115	1.91	1650.6124	0.02	0.0010908	171.43	23883.962	0.02	4048.8738	0.10	0.0000000	0.00	6.3102911	0.62
		Σ							13.704321	0.10	1.6145407	171.41									32.564610	0.60			1650.6135	0.02							27939.146	0.02

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
14D34727	2.8 %		107.022306	2.678106	0.153624	0.300381	0.320638	0.008186	128.359	12.652002	1.00090699	8.570E-12
14D34729	3.4 %	✓	37.708296	0.931619	0.064781	0.319193	0.077083	0.002141	128.376	12.656168	1.00090711	3.043E-12
14D34730	4.0 %	✓	29.578320	0.531030	0.602886	0.216138	0.049127	0.001121	128.385	12.658425	1.00090718	3.358E-12
14D34731	4.6 %	✓	25.371352	0.298029	0.270330	0.145055	0.035575	0.000628	128.393	12.660509	1.00090723	4.274E-12
14D34733	5.2 %	✓	28.696608	0.210215	0.011179	0.093093	0.047377	0.000490	128.410	12.664851	1.00090736	7.840E-12
14D34734	6.0 %	✓	20.000438	0.090848	0.094469	0.057172	0.018394	0.000207	128.419	12.667110	1.00090742	8.904E-12
14D34735	6.8 %	✓	19.895212	0.064925	0.056982	0.042255	0.017753	0.000163	128.428	12.669195	1.00090748	1.229E-11
14D34737	7.6 %	✓	18.000219	0.047791	0.003368	0.031883	0.011654	0.000110	128.445	12.673540	1.00090760	1.484E-11
14D34738	8.4 %	✓	18.392261	0.033858	0.013191	0.020160	0.013064	0.000091	128.453	12.675626	1.00090766	2.279E-11
14D34739	9.2 %	✓	20.058318	0.028940	0.002149	0.014448	0.018964	0.000096	128.463	12.677887	1.00090773	3.399E-11
14D34741	10.0 %	✓	17.558831	0.020808	0.005833	0.011868	0.010249	0.000059	128.480	12.682235	1.00090785	3.933E-11
14D34742	10.8 %	✓	17.326811	0.018630	0.016345	0.009438	0.009633	0.000052	128.488	12.684323	1.00090791	4.616E-11
14D34743	11.6 %	✓	17.207530	0.017046	0.003587	0.008092	0.009188	0.000045	128.497	12.686585	1.00090797	5.567E-11
14D34745	12.4 %	✓	18.182913	0.017518	0.004702	0.007197	0.012704	0.000053	128.514	12.690762	1.00090809	6.414E-11
14D34746	13.2 %	✓	17.431942	0.015397	0.007412	0.006065	0.009900	0.000042	128.523	12.693025	1.00090815	7.233E-11
14D34747	14.0 %	✓	16.854445	0.015523	0.001856	0.006543	0.008060	0.000038	128.531	12.695114	1.00090821	6.730E-11
14D34749	14.8 %	✓	16.533450	0.014649	0.010550	0.005889	0.007084	0.000035	128.549	12.699469	1.00090833	7.116E-11
14D34750	15.6 %	✓	16.161450	0.013795	0.001457	0.005230	0.005716	0.000028	128.558	12.701733	1.00090840	7.933E-11
14D34751	16.4 %	✓	16.047468	0.013842	0.002468	0.005762	0.005344	0.000028	128.566	12.703824	1.00090846	7.470E-11
14D34753	17.2 %	✓	16.413028	0.013742	0.004090	0.005348	0.006585	0.000030	128.583	12.708181	1.00090858	7.920E-11
14D34754	18.0 %	✓	16.186476	0.013826	0.005330	0.005361	0.005902	0.000028	128.592	12.710273	1.00090864	7.772E-11
14D34755	18.8 %	✓	16.129594	0.013843	0.003077	0.005383	0.005585	0.000028	128.601	12.712540	1.00090870	7.872E-11
14D34757	19.6 %	✓	16.101562	0.013791	0.002494	0.005585	0.005627	0.000030	128.618	12.716900	1.00090882	7.392E-11
14D34758	20.4 %	✓	16.055652	0.014022	0.000890	0.005569	0.005440	0.000027	128.626	12.718993	1.00090888	7.374E-11
14D34760	21.6 %	✓	16.251915	0.013674	0.004677	0.005031	0.006005	0.000028	128.644	12.723356	1.00090901	8.345E-11
14D34761	23.0 %	✓	16.360377	0.013730	0.005591	0.004926	0.006355	0.000030	128.652	12.725450	1.00090906	8.448E-11
14D34763	24.5 %	✓	16.565376	0.013428	0.012707	0.004281	0.007072	0.000030	128.669	12.729815	1.00090919	9.982E-11

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
14D34727	2.8 %	0.0337618 ± 0.0012663	0.1024039 ± 0.0294795	0.0919953 ± 0.0257336	0.0401842 ± 0.0317612	10.0015277 ± 0.1864249
14D34729	3.4 %	0.0306090 ± 0.0012663	0.1145619 ± 0.0294795	0.0850354 ± 0.0257336	0.0286475 ± 0.0317612	9.1075818 ± 0.1864249
14D34730	4.0 %	0.0293225 ± 0.0012663	0.1160016 ± 0.0294795	0.0812584 ± 0.0257336	0.0241548 ± 0.0317612	8.7245193 ± 0.1864249
14D34731	4.6 %	0.0283589 ± 0.0012663	0.1148553 ± 0.0294795	0.0778301 ± 0.0257336	0.0208639 ± 0.0317612	8.4260282 ± 0.1864249
14D34733	5.2 %	0.0269294 ± 0.0012663	0.1069096 ± 0.0294795	0.0710439 ± 0.0257336	0.0159853 ± 0.0317612	7.9508003 ± 0.1864249
14D34734	6.0 %	0.0264394 ± 0.0012663	0.1008100 ± 0.0294795	0.0677910 ± 0.0257336	0.0141920 ± 0.0317612	7.7703997 ± 0.1864249
14D34735	6.8 %	0.0261098 ± 0.0012663	0.0945279 ± 0.0294795	0.0650028 ± 0.0257336	0.0128230 ± 0.0317612	7.6378578 ± 0.1864249
14D34737	7.6 %	0.0257163 ± 0.0012663	0.0808666 ± 0.0294795	0.0599794 ± 0.0257336	0.0104358 ± 0.0317612	7.4482341 ± 0.1864249
14D34738	8.4 %	0.0256317 ± 0.0012663	0.0746161 ± 0.0294795	0.0579963 ± 0.0257336	0.0093522 ± 0.0317612	7.3908717 ± 0.1864249
14D34739	9.2 %	0.0255922 ± 0.0012663	0.0684347 ± 0.0294795	0.0561935 ± 0.0257336	0.0081304 ± 0.0317612	7.3480360 ± 0.1864249
14D34741	10.0 %	0.0256083 ± 0.0012663	0.0590941 ± 0.0294795	0.0538112 ± 0.0257336	0.0054611 ± 0.0317612	7.3084442 ± 0.1864249
14D34742	10.8 %	0.0256346 ± 0.0012663	0.0560901 ± 0.0294795	0.0532015 ± 0.0257336	0.0039831 ± 0.0317612	7.3038014 ± 0.1864249
14D34743	11.6 %	0.0256621 ± 0.0012663	0.0540598 ± 0.0294795	0.0529457 ± 0.0257336	0.0022302 ± 0.0317612	7.3057131 ± 0.1864249
14D34745	12.4 %	0.0256793 ± 0.0012663	0.0538114 ± 0.0294795	0.0535979 ± 0.0257336	0.0013560 ± 0.0317612	7.3203900 ± 0.1864249
14D34746	13.2 %	0.0256581 ± 0.0012663	0.0555556 ± 0.0294795	0.0545624 ± 0.0257336	0.0034129 ± 0.0317612	7.3308640 ± 0.1864249
14D34747	14.0 %	0.0256145 ± 0.0012663	0.0582641 ± 0.0294795	0.0558298 ± 0.0257336	0.0053131 ± 0.0317612	7.3404514 ± 0.1864249
14D34749	14.8 %	0.0254438 ± 0.0012663	0.0668270 ± 0.0294795	0.0596015 ± 0.0257336	0.0089655 ± 0.0317612	7.3568218 ± 0.1864249
14D34750	15.6 %	0.0253139 ± 0.0012663	0.0724824 ± 0.0294795	0.0621411 ± 0.0257336	0.0104943 ± 0.0317612	7.3624605 ± 0.1864249
14D34751	16.4 %	0.0251726 ± 0.0012663	0.0781524 ± 0.0294795	0.0648154 ± 0.0257336	0.0115301 ± 0.0317612	7.3658471 ± 0.1864249
14D34753	17.2 %	0.0248331 ± 0.0012663	0.0902459 ± 0.0294795	0.0713208 ± 0.0257336	0.0119757 ± 0.0317612	7.3689470 ± 0.1864249
14D34754	18.0 %	0.0246623 ± 0.0012663	0.0955726 ± 0.0294795	0.0748442 ± 0.0257336	0.0110710 ± 0.0317612	7.3700432 ± 0.1864249
14D34755	18.8 %	0.0244849 ± 0.0012663	0.1004658 ± 0.0294795	0.0789136 ± 0.0257336	0.0090237 ± 0.0317612	7.3726148 ± 0.1864249
14D34757	19.6 %	0.0242147 ± 0.0012663	0.1055233 ± 0.0294795	0.0873367 ± 0.0257336	0.0011476 ± 0.0317612	7.3884174 ± 0.1864249
14D34758	20.4 %	0.0241451 ± 0.0012663	0.1049863 ± 0.0294795	0.0915855 ± 0.0257336	0.0048935 ± 0.0317612	7.4050054 ± 0.1864249
14D34760	21.6 %	0.0242073 ± 0.0012663	0.0949906 ± 0.0294795	0.1006521 ± 0.0257336	0.0233862 ± 0.0317612	7.4707962 ± 0.1864249
14D34761	23.0 %	0.0243722 ± 0.0012663	0.0847961 ± 0.0294795	0.1050168 ± 0.0257336	0.0355949 ± 0.0317612	7.5229714 ± 0.1864249
14D34763	24.5 %	0.0251040 ± 0.0012663	0.0490284 ± 0.0294795	0.1138743 ± 0.0257336	0.0693936 ± 0.0317612	7.6916476 ± 0.1864249

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)
14D34727	2.8 %	0.5426375 ± 0.0017679	0.6872	EXP 150 of 150	0.0825400 ± 0.0252831	0.0463	EXP 149 of 150	0.1110596 ± 0.0287276	0.0065	EXP 150 of 150	1.69616 ± 0.02653	0.0044	EXP 149 of 150	189.0590 ± 0.0360	0.9952	EXP 150 of 150
14D34729	3.4 %	0.1538803 ± 0.0009199	0.0247	EXP 149 of 150	0.1061243 ± 0.0293140	0.0155	EXP 149 of 150	0.0013581 ± 0.0248966	0.0046	EXP 150 of 150	1.69728 ± 0.02578	0.0324	EXP 150 of 150	72.6791 ± 0.0341	0.9986	EXP 150 of 150
14D34730	4.0 %	0.1398707 ± 0.0008965	0.1351	EXP 150 of 150	0.0055294 ± 0.0263712	0.1407	EXP 150 of 150	0.0535558 ± 0.0251100	0.0225	EXP 149 of 150	2.37210 ± 0.02693	0.0576	EXP 150 of 150	78.8903 ± 0.0304	0.9986	EXP 150 of 150
14D34731	4.6 %	0.1471322 ± 0.0008923	0.0134	EXP 150 of 150	0.0413725 ± 0.0261698	0.0879	EXP 150 of 150	0.0095857 ± 0.0272410	0.0014	EXP 150 of 150	3.50450 ± 0.02459	0.2914	EXP 150 of 150	97.7239 ± 0.0347	0.9972	EXP 150 of 150
14D34733	5.2 %	0.2834597 ± 0.0011986	0.2774	EXP 150 of 150	0.1019829 ± 0.0285314	0.0097	EXP 150 of 150	0.0719846 ± 0.0244822	0.0000	EXP 150 of 150	5.66569 ± 0.02539	0.5712	EXP 150 of 150	171.7534 ± 0.0391	0.9671	EXP 149 of 150
14D34734	6.0 %	0.1887438 ± 0.0009972	0.0082	EXP 150 of 150	0.0329773 ± 0.0285666	0.0657	EXP 150 of 150	0.0961666 ± 0.0277282	0.0050	EXP 150 of 150	9.22118 ± 0.02465	0.8230	EXP 150 of 150	193.8169 ± 0.0432	0.7297	EXP 150 of 150
14D34735	6.8 %	0.2434329 ± 0.0012243	0.1006	EXP 149 of 150	0.0377764 ± 0.0300322	0.0448	EXP 150 of 150	0.1976289 ± 0.0273754	0.0002	EXP 150 of 150	12.78549 ± 0.02354	0.9084	EXP 150 of 150	264.3784 ± 0.0476	0.9736	EXP 150 of 150
14D34737	7.6 %	0.2161119 ± 0.0010452	0.1365	EXP 150 of 150	0.0853426 ± 0.0304262	0.0126	EXP 150 of 150	0.2640763 ± 0.0262186	0.0000	EXP 150 of 150	17.05717 ± 0.02795	0.9380	EXP 150 of 150	317.4638 ± 0.0449	0.9948	EXP 150 of 150
14D34738	8.4 %	0.3465179 ± 0.0014820	0.3614	EXP 150 of 150	0.1009631 ± 0.0274278	0.0042	EXP 150 of 150	0.4235362 ± 0.0271178	0.0033	EXP 150 of 150	25.63742 ± 0.02784	0.9711	EXP 150 of 150	483.6195 ± 0.0548	0.9985	EXP 150 of 150
14D34739	9.2 %	0.6625493 ± 0.0021243	0.7103	EXP 150 of 150	0.0625672 ± 0.0262248	0.0450	EXP 149 of 150	0.6805680 ± 0.0255074	0.0207	EXP 150 of 150	35.05421 ± 0.02883	0.9839	EXP 150 of 150	717.5773 ± 0.0641	0.9994	EXP 150 of 150
14D34741	10.0 %	0.4806578 ± 0.0017988	0.4729	EXP 150 of 150	0.0801446 ± 0.0310650	0.0332	EXP 150 of 150	0.8707897 ± 0.0262009	0.0493	EXP 150 of 150	46.33149 ± 0.02816	0.9910	EXP 150 of 150	829.1447 ± 0.0680	0.9995	EXP 150 of 150
14D34742	10.8 %	0.5342552 ± 0.0018326	0.5337	EXP 150 of 150	0.1262197 ± 0.0277601	0.0140	EXP 150 of 150	1.0247794 ± 0.0294042	0.0438	EXP 150 of 150	55.09394 ± 0.02879	0.9935	EXP 149 of 150	971.7006 ± 0.0794	0.9996	EXP 150 of 150
14D34743	11.6 %	0.6148790 ± 0.0018375	0.6316	EXP 150 of 150	0.0727469 ± 0.0301381	0.0452	EXP 150 of 150	1.2588121 ± 0.0245638	0.1045	EXP 149 of 150	66.91180 ± 0.03127	0.9948	EXP 150 of 150	1170.5515 ± 0.0860	0.9997	EXP 150 of 150
14D34745	12.4 %	0.9139324 ± 0.0022100	0.8051	EXP 150 of 150	0.0805157 ± 0.0283063	0.0446	EXP 150 of 150	1.3916622 ± 0.0270415	0.0297	EXP 150 of 150	72.95139 ± 0.03335	0.9951	EXP 150 of 150	1347.5211 ± 0.0831	0.9998	EXP 150 of 150
14D34746	13.2 %	0.8398208 ± 0.0020579	0.7458	EXP 149 of 150	0.1050573 ± 0.0277808	0.0302	EXP 150 of 150	1.6635591 ± 0.0244099	0.1511	EXP 150 of 150	85.80636 ± 0.02949	0.9972	EXP 150 of 150	1518.6191 ± 0.0873	0.9998	EXP 150 of 150
14D34747	14.0 %	0.6634839 ± 0.0019661	0.6501	EXP 150 of 150	0.0463379 ± 0.0299807	0.0620	EXP 150 of 150	1.5177290 ± 0.0245211	0.0932	EXP 150 of 150	82.57329 ± 0.03427	0.9960	EXP 150 of 150	1413.5395 ± 0.0891	0.9998	EXP 150 of 150
14D34749	14.8 %	0.6296761 ± 0.0019622	0.5695	EXP 150 of 150	0.1398741 ± 0.0281686	0.0162	EXP 150 of 150	1.6528875 ± 0.0255877	0.1137	EXP 150 of 150	88.99439 ± 0.03228	0.9969	EXP 150 of 150	1494.0958 ± 0.0941	0.9998	EXP 150 of 150
14D34750	15.6 %	0.5814193 ± 0.0017811	0.4779	EXP 150 of 150	0.0609826 ± 0.0289143	0.0903	EXP 150 of 150	1.8935712 ± 0.0248781	0.2084	EXP 150 of 150	101.49553 ± 0.03338	0.9975	EXP 150 of 150	1664.7995 ± 0.0972	0.9998	EXP 150 of 150
14D34751	16.4 %	0.5182185 ± 0.0017518	0.3343	EXP 150 of 150	0.0966247 ± 0.0314915	0.0358	EXP 150 of 150	1.7579999 ± 0.0262167	0.1121	EXP 149 of 150	96.25477 ± 0.03202	0.9974	EXP 150 of 150	1568.1602 ± 0.0963	0.9998	EXP 150 of 150
14D34753	17.2 %	0.6545628 ± 0.0017676	0.6210	EXP 150 of 150	0.1219700 ± 0.0291897	0.0235	EXP 150 of 150	1.9128937 ± 0.0283254	0.1737	EXP 150 of 150	99.77313 ± 0.02764	0.9982	EXP 150 of 150	1662.0694 ± 0.1018	0.9998	EXP 150 of 150
14D34754	18.0 %	0.5863223 ± 0.0016909	0.5253	EXP 149 of 150	0.0544413 ± 0.0290261	0.0513	EXP 150 of 150	1.8155504 ± 0.0255392	0.1365	EXP 150 of 150	99.28284 ± 0.03204	0.9975	EXP 150 of 150	1631.1976 ± 0.0970	0.9998	EXP 150 of 150
14D34755	18.8 %	0.5647789 ± 0.0017910	0.3265	EXP 149 of 150	0.0763310 ± 0.0302308	0.0638	EXP 150 of 150	1.8658266 ± 0.0261449	0.1549	EXP 150 of 150	100.92561 ± 0.03423	0.9973	EXP 150 of 150	1652.2315 ± 0.0937	0.9998	EXP 150 of 150
14D34757	19.6 %	0.5362038 ± 0.0018602	0.3264	EXP 150 of 150	0.1239168 ± 0.0287618	0.0071	EXP 150 of 150	1.7078849 ± 0.0292193	0.0665	EXP 150 of 150	94.93352 ± 0.02973	0.9977	EXP 150 of 150	1551.7816 ± 0.0790	0.9999	EXP 150 of 150
14D34758	20.4 %	0.5193681 ± 0.0014671	0.4882	EXP 150 of 150	0.0984222 ± 0.0286144	0.0473	EXP 150 of 150	1.7494490 ± 0.0282244	0.1552	EXP 150 of 150	94.98862 ± 0.03370	0.9971	EXP 150 of 150	1548.1907 ± 0.0960	0.9998	EXP 150 of 150
14D34760	21.6 %	0.6353532 ± 0.0018230	0.4688	EXP 150 of 150	0.1335498 ± 0.0291795	0.0261	EXP 150 of 150	1.9541478 ± 0.0260240	0.1264	EXP 150 of 150	106.21260 ± 0.03323	0.9977	EXP 150 of 150	1751.0837 ± 0.0908	0.9999	EXP 150 of 150
14D34761	23.0 %	0.6747918 ± 0.0019775	0.5410	EXP 149 of 150	0.1311509 ± 0.0282562	0.0301	EXP 150 of 150	1.9386253 ± 0.0275356	0.1032	EXP 149 of 150	106.82661 ± 0.03291	0.9978	EXP 150 of 150	1772.7202 ± 0.1010	0.9998	EXP 150 of 150
14D34763	24.5 %	0.8697109 ± 0.0021221	0.7363	EXP 150 of 150	0.1719133 ± 0.0290602	0.0047	EXP 150 of 150	2.3949135 ± 0.0263686	0.2497	EXP 150 of 150	124.67882 ± 0.03421	0.9982	EXP 150 of 150	2093.2264 ± 0.0998	0.9999	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
14D34727	2.8 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34729	3.4 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34730	4.0 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34731	4.6 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34733	5.2 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34734	6.0 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34735	6.8 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34737	7.6 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34738	8.4 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34739	9.2 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34741	10.0 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34742	10.8 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34743	11.6 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34745	12.4 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34746	13.2 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34747	14.0 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34749	14.8 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34750	15.6 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34751	16.4 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34753	17.2 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34754	18.0 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34755	18.8 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34757	19.6 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34758	20.4 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34760	21.6 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34761	23.0 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	01
14D34763	24.5 %	Dan Miggins	14-OSU-04	0.00	0.00	45.82	Walvis Ridge\MV1203 (13-INT-04)	14D34726	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
14D34727	2.8 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	0	37	1
14D34729	3.4 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	1	1	1
14D34730	4.0 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	1	14	1
14D34731	4.6 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	1	26	1
14D34733	5.2 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	1	51	1
14D34734	6.0 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	2	4	1
14D34735	6.8 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	2	16	1
14D34737	7.6 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	2	41	1
14D34738	8.4 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	2	53	1
14D34739	9.2 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	3	6	1
14D34741	10.0 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	3	31	1
14D34742	10.8 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	3	43	1
14D34743	11.6 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	3	56	1
14D34745	12.4 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	4	20	1
14D34746	13.2 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	4	33	1
14D34747	14.0 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	4	45	1
14D34749	14.8 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	5	10	1
14D34750	15.6 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	5	23	1
14D34751	16.4 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	5	35	1
14D34753	17.2 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	6	0	1
14D34754	18.0 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	6	12	1
14D34755	18.8 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	6	25	1
14D34757	19.6 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	6	50	1
14D34758	20.4 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	7	2	1
14D34760	21.6 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	7	27	1
14D34761	23.0 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	7	39	1
14D34763	24.5 %	MV1203-D60-04	Biotite	Contest Seamount	¹CT-NM (R98) (4B32-14	28.201	0.082	Kuiper et al (2008)	9.87502	0.194	0.00159163	0.194	303.337	0.168	0.9935327	0.071	1	4.8E-14	13	DEC	2014	8	4	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
14D34727	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
14D34729	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
14D34730	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
14D34731	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
14D34733	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
14D34734	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
14D34735	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
14D34737	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
14D34738	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
14D34739	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
14D34741	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
14D34742	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
14D34743	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
14D34745	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
14D34746	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
14D34747	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
14D34749	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
14D34750	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
14D34751	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
14D34753	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
14D34754	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
14D34755	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
14D34757	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
14D34758	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
14D34760	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
14D34761	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
14D34763	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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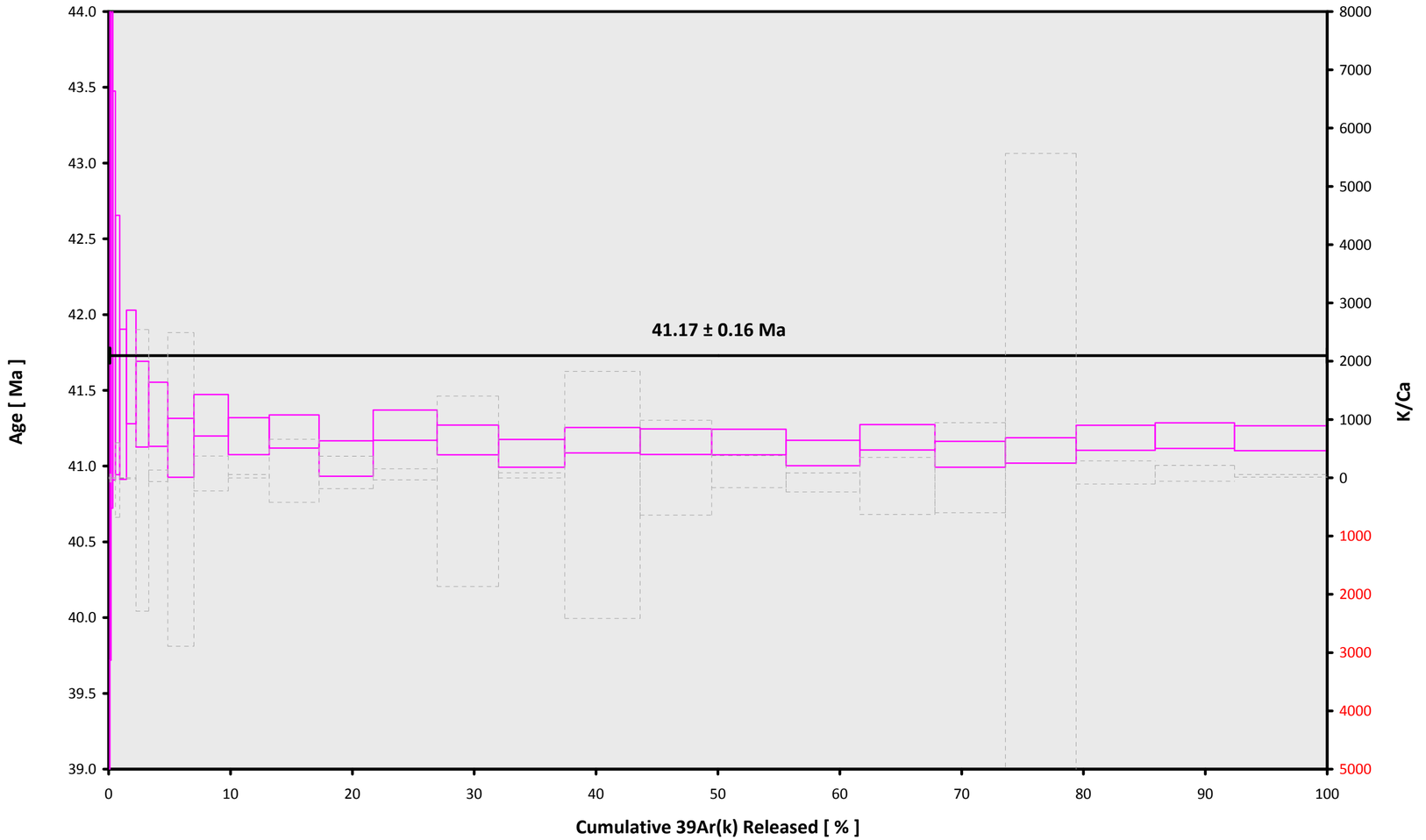


Ar-Ages in Ma

WEIGHTED PLATEAU
41.17 ± 0.16
TOTAL FUSION
41.17 ± 0.16
NORMAL ISOCHRON
41.07 ± 0.18
INVERSE ISOCHRON
41.07 ± 0.18

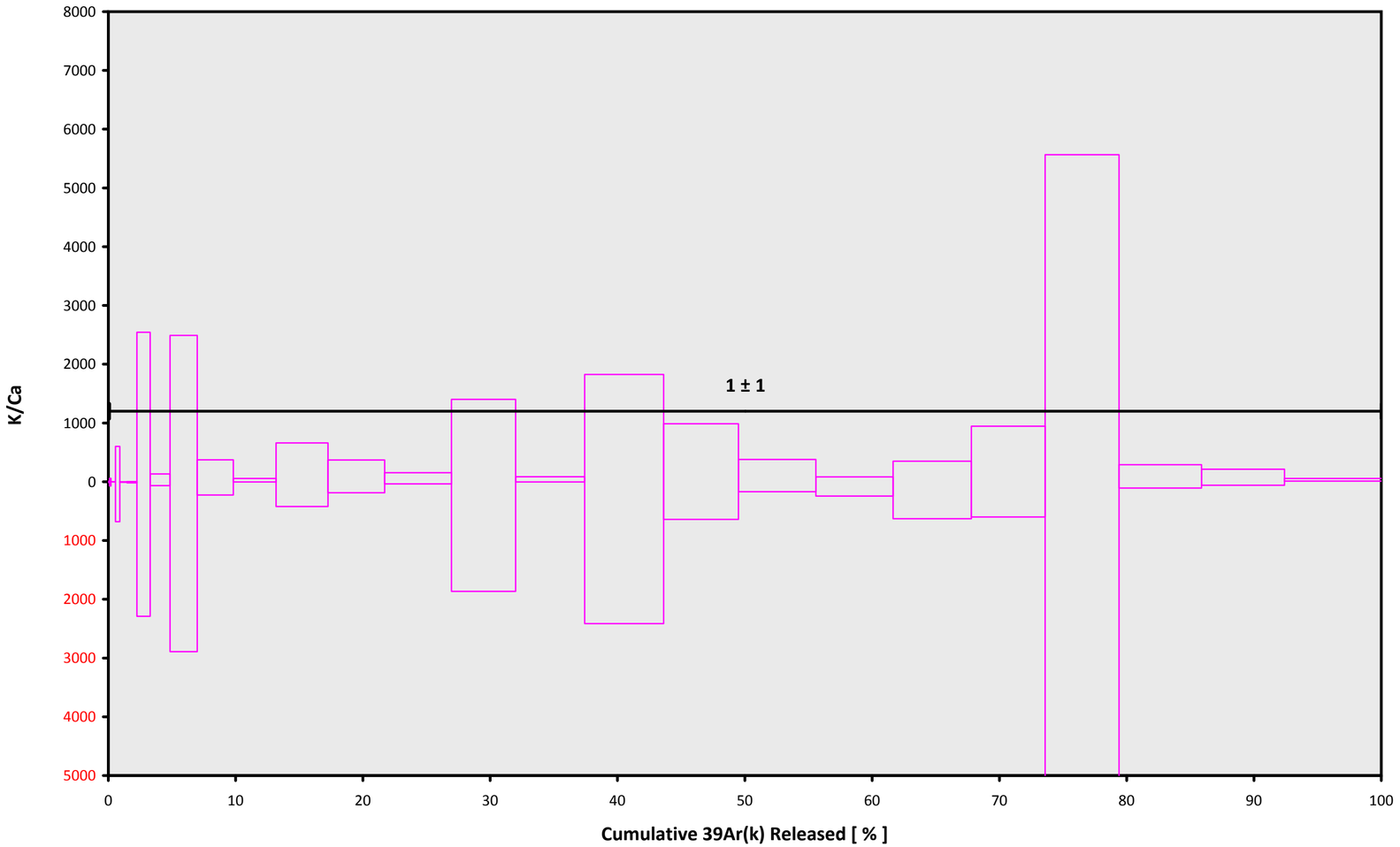
MSWD (PROBABILITY)
2.10 (0%)

Sample Info

Biotite
Contest Seamount
Dan Miggins

IRR = 14-OSU-04 (R98)
J = 0.00159163 ± 0.00000309

14D34726.AGE >>> MV1203-D60-04 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

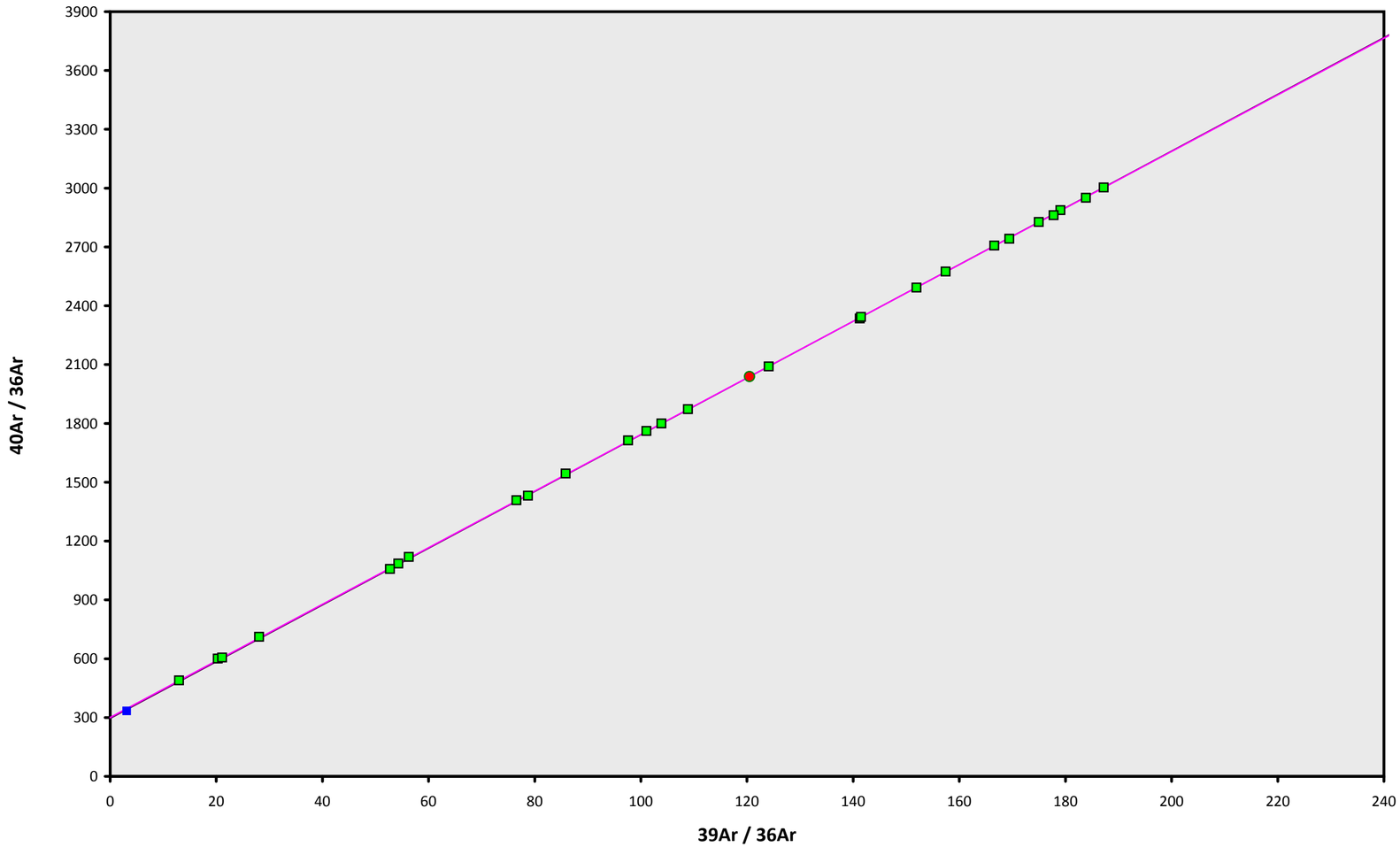
WEIGHTED PLATEAU
41.17 ± 0.16
TOTAL FUSION
41.17 ± 0.16
NORMAL ISOCHRON
41.07 ± 0.18
INVERSE ISOCHRON
41.07 ± 0.18

Sample Info

Biotite
Contest Seamount
Dan Miggins

IRR = 14-OSU-04 (R98)
J = 0.00159163 ± 0.00000309

14D34726.AGE >>> MV1203-D60-04 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
41.17 ± 0.16
TOTAL FUSION
41.17 ± 0.16
NORMAL ISOCHRON
41.07 ± 0.18
INVERSE ISOCHRON
41.07 ± 0.18

MSWD (PROBABILITY)
1.72 (2%)

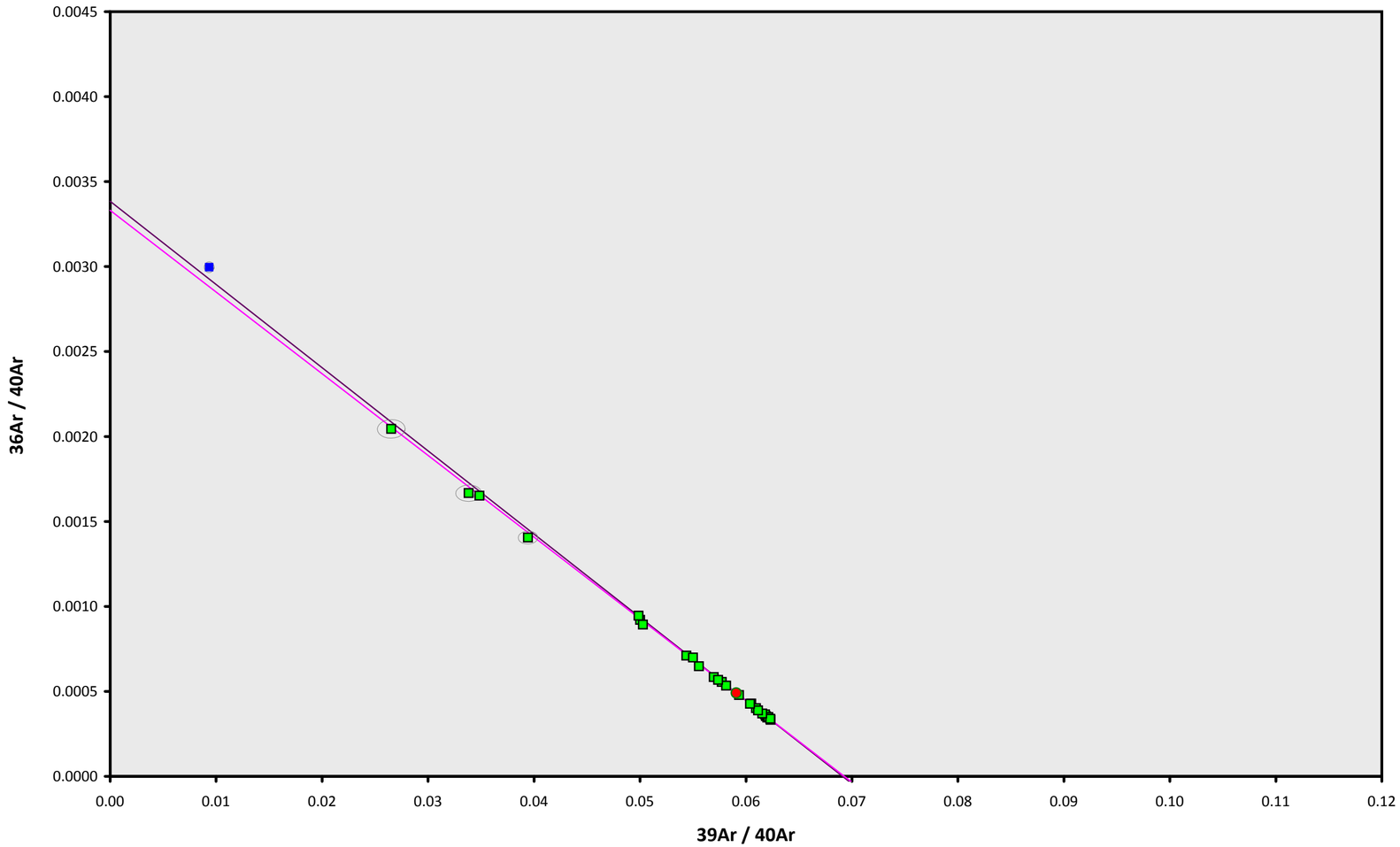
40AR/36AR INTERCEPT
300.4 ± 3.6

Sample Info

Biotite
Contest Seamount
Dan Miggins

IRR = 14-OSU-04 (R98)
J = 0.00159163 ± 0.00000309

14D34726.AGE >>> MV1203-D60-04 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
41.17 ± 0.16
TOTAL FUSION
41.17 ± 0.16
NORMAL ISOCHRON
41.07 ± 0.18
INVERSE ISOCHRON
41.07 ± 0.18

MSWD (PROBABILITY)
1.71 (2%)

SPREADING FACTOR
51.7%

40AR/36AR INTERCEPT
300.2 ± 3.6

Sample Info

Biotite
Contest Seamount
Dan Miggins

IRR = 14-OSU-04 (R98)
J = 0.00159163 ± 0.00000309