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
14D34765	2.8 %		0.268179	0.711	0.280448	238.910	0.068923	54.615	1.1112	4.656	93.526	0.356	12.86861 ± 1.68347	36.38 ± 4.71	15.29	0.09	1.7 ± 8.1
14D34767	3.4 %		0.069252	2.115	0.611188	109.551	0.097617	37.975	1.0365	5.149	34.863	0.955	13.94454 ± 1.78476	39.39 ± 4.99	41.44	0.08	0.7 ± 1.6
14D34768	4.0 %	✓	0.137490	1.147	0.092089	696.328	0.081887	48.731	2.2765	2.313	74.650	0.446	14.94517 ± 0.85629	42.18 ± 2.39	45.58	0.18	10.6 ± 148.0
14D34769	4.6 %	✓	0.091560	1.592	0.826990	85.349	0.072526	51.289	2.3317	2.305	62.664	0.532	15.29987 ± 0.84757	43.17 ± 2.36	56.92	0.19	1.2 ± 2.1
14D34771	5.2 %	✓	0.121636	1.290	0.788947	88.230	0.141812	26.664	5.2707	1.018	116.982	0.285	15.38539 ± 0.38136	43.41 ± 1.06	69.31	0.42	2.9 ± 5.1
14D34772	6.0 %	✓	0.124074	1.260	0.355750	191.861	0.178846	21.569	7.1199	0.734	144.864	0.230	15.19804 ± 0.27491	42.89 ± 0.77	74.69	0.57	8.6 ± 33.0
14D34773	6.8 %	✓	0.156484	1.085	0.449000	147.783	0.147492	25.790	9.7920	0.551	194.576	0.172	15.14881 ± 0.20768	42.75 ± 0.58	76.23	0.79	9.4 ± 27.7
14D34775	7.6 %	✓	0.200694	0.878	0.612145	110.687	0.206093	18.032	13.6014	0.399	264.728	0.126	15.10330 ± 0.15114	42.62 ± 0.42	77.60	1.09	9.6 ± 21.2
14D34776	8.4 %	✓	0.252651	0.738	1.408574	47.053	0.310369	12.425	19.3300	0.278	366.227	0.091	15.08650 ± 0.10733	42.57 ± 0.30	79.62	1.55	5.9 ± 5.6
14D34777	9.2 %	✓	0.404118	0.592	1.253864	52.688	0.545019	6.882	31.5394	0.180	597.065	0.056	15.14436 ± 0.07387	42.74 ± 0.21	80.00	2.53	10.8 ± 11.4
14D34779	10.0 %	✓	0.352665	0.583	1.540252	42.880	0.609847	6.223	39.0851	0.158	693.126	0.049	15.06725 ± 0.05960	42.52 ± 0.17	84.96	3.14	10.9 ± 9.4
14D34780	10.8 %	✓	0.490529	0.526	2.426482	28.328	0.771656	4.706	51.2688	0.127	918.083	0.037	15.08042 ± 0.05039	42.56 ± 0.14	84.21	4.12	9.1 ± 5.1
14D34781	11.6 %	✓	0.456140	0.545	2.203519	30.975	0.914988	4.114	58.7265	0.114	1020.125	0.033	15.07521 ± 0.04407	42.54 ± 0.12	86.78	4.72	11.5 ± 7.1
14D34783	12.4 %	✓	0.570807	0.472	2.594414	25.392	1.077159	3.555	73.3195	0.102	1273.424	0.027	15.06702 ± 0.03889	42.52 ± 0.11	86.75	5.89	12.2 ± 6.2
14D34784	13.2 %	✓	0.484631	0.517	1.676971	40.629	1.084131	3.471	73.1503	0.103	1246.025	0.028	15.07433 ± 0.03837	42.54 ± 0.11	88.50	5.88	18.8 ± 15.2
14D34785	14.0 %	✓	0.583004	0.471	3.572798	18.143	1.192594	3.320	79.9562	0.102	1374.200	0.025	15.03250 ± 0.03780	42.42 ± 0.11	87.46	6.42	9.6 ± 3.5
14D34787	14.8 %	✓	0.512922	0.519	2.029694	33.162	1.118514	3.414	74.6881	0.102	1276.071	0.027	15.05468 ± 0.03846	42.49 ± 0.11	88.11	6.00	15.8 ± 10.5
14D34788	15.6 %	✓	0.511244	0.480	1.622191	41.248	1.091623	3.503	73.7691	0.105	1260.784	0.027	15.04127 ± 0.03826	42.45 ± 0.11	88.01	5.93	19.6 ± 16.1
14D34789	16.4 %	✓	0.519072	0.492	1.151419	57.428	1.045938	3.623	72.5857	0.104	1249.625	0.027	15.10036 ± 0.03890	42.61 ± 0.11	87.71	5.83	27.1 ± 31.1
14D34791	17.2 %	✓	0.487469	0.516	1.401910	46.779	1.104331	3.442	73.9238	0.104	1258.750	0.027	15.07704 ± 0.03832	42.55 ± 0.11	88.54	5.94	22.7 ± 21.2
14D34792	18.0 %	✓	0.462133	0.537	0.933026	71.520	1.034027	3.806	71.3953	0.104	1211.108	0.028	15.04811 ± 0.03871	42.47 ± 0.11	88.71	5.74	32.9 ± 47.1
14D34793	18.8 %	✓	0.357575	0.615	1.276799	53.145	0.890016	4.061	62.4790	0.111	1049.118	0.032	15.09841 ± 0.04089	42.61 ± 0.11	89.92	5.02	21.0 ± 22.4
14D34795	19.6 %	✓	0.505759	0.513	1.172420	56.361	1.003986	3.870	67.4152	0.112	1166.624	0.029	15.08598 ± 0.04189	42.57 ± 0.12	87.18	5.42	24.7 ± 27.9
14D34796	20.4 %	✓	0.330292	0.616	0.769862	92.019	0.851794	4.514	55.3540	0.121	932.268	0.036	15.07625 ± 0.04422	42.55 ± 0.12	89.52	4.45	30.9 ± 56.9
14D34798	21.6 %	✓	0.446236	0.522	0.864114	78.582	0.923728	4.017	60.7423	0.115	1046.927	0.033	15.06225 ± 0.04280	42.51 ± 0.12	87.39	4.88	30.2 ± 47.5
14D34799	23.0 %	✓	0.653495	0.452	0.738206	90.386	1.220452	2.975	78.7637	0.100	1380.540	0.025	15.07301 ± 0.03847	42.54 ± 0.11	86.00	6.33	45.9 ± 82.9
14D34801	24.5 %	✓	0.669327	0.433	0.832178	80.238	1.287970	2.848	84.8176	0.096	1478.795	0.023	15.10025 ± 0.03629	42.61 ± 0.10	86.61	6.81	43.8 ± 70.3
		Σ	10.219437	0.115	33.485249	10.427	19.073338	1.032	1244.8495	0.028	21785.737	0.008					

Information on Analysis and Constants Used in Calculations

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D61-06A**
Material = **Biotite**
Location = **Maybe Seamount**
Region = **Walvis Ridge**
Analyst = **Dan Miggins**
Irradiation = **14-OSU-04 (R98)**
Position = **X: 0 | Y: 0 | Z/H: 48.36 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **9.95332 ± 0.01911**
FCT-NM J-value = **0.00157911 ± 0.00000303**
Air Shot 40Ar/36Ar = **303.3300 ± 0.5096**
Air Shot MDF = **0.99353829 ± 0.00070843 (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 = **IESS10048**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Phonolitic-Tephrite**
Lat-Lon = **37°12.1'S - 1°08.5'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		15.07315 ± 0.00990	**42.54 ± 0.16**	1.04	99.83	5.8 ± 2.2
		± 0.07%	**± 0.39%**	41%	25	
		Full External Error ± 0.97		1.58	2σ Confidence Limit	
		Analytical Error ± 0.03		1.0206	Error Magnification	
Total Fusion Age		15.07350 ± 0.01051	**42.54 ± 0.16**		27	16.0 ± 3.3
		± 0.07%	**± 0.39%**			
		Full External Error ± 0.97				
		Analytical Error ± 0.03				
Normal Isochron	**301.58 ± 5.95**	15.02765 ± 0.04547	**42.41 ± 0.20**	0.91	99.83	
	± 1.97%	± 0.30%	**± 0.48%**	59%	25	
		Full External Error ± 0.97		1.59	2σ Confidence Limit	
		Analytical Error ± 0.13		1.0000	Error Magnification	
				1	Number of Iterations	
				0.0000558952	Convergence	
Inverse Isochron	**301.54 ± 5.94**	15.02812 ± 0.04544	**42.41 ± 0.20**	0.91	99.83	
	± 1.97%	± 0.30%	**± 0.48%**	59%	25	
		Full External Error ± 0.97		1.59	2σ Confidence Limit	
		Analytical Error ± 0.13		1.0000	Error Magnification	
Notes				3	Number of Iterations	
Good plateau				0.0000707579	Convergence	
				44%	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
14D34765	2.8 %		0.268103	0.280448	0.0054277	1.1110	14.297	36.38 ± 4.71	15.29	0.09	1.7 ± 8.1
14D34767	3.4 %		0.069074	0.611188	0.0721982	1.0361	14.448	39.39 ± 4.99	41.44	0.08	0.7 ± 1.6
14D34768	4.0 %	✓	0.137460	0.092089	0.0288012	2.2764	34.022	42.18 ± 2.39	45.58	0.18	10.6 ± 148.0
14D34769	4.6 %	✓	0.091334	0.826990	0.0273503	2.3311	35.666	43.17 ± 2.36	56.92	0.19	1.2 ± 2.1
14D34771	5.2 %	✓	0.121414	0.788947	0.0556568	5.2702	81.084	43.41 ± 1.06	69.31	0.42	2.9 ± 5.1
14D34772	6.0 %	✓	0.123965	0.355750	0.0699944	7.1196	108.205	42.89 ± 0.77	74.69	0.57	8.6 ± 33.0
14D34773	6.8 %	✓	0.156365	0.449000	0.0004309	9.7917	148.333	42.75 ± 0.58	76.23	0.79	9.4 ± 27.7
14D34775	7.6 %	✓	0.200530	0.612145	0.0049367	13.6010	205.419	42.62 ± 0.42	77.60	1.09	9.6 ± 21.2
14D34776	8.4 %	✓	0.252269	1.408574	0.0305713	19.3290	291.607	42.57 ± 0.30	79.62	1.55	5.9 ± 5.6
14D34777	9.2 %	✓	0.403765	1.253864	0.0900249	31.5386	477.631	42.74 ± 0.21	80.00	2.53	10.8 ± 11.4
14D34779	10.0 %	✓	0.352239	1.540252	0.0736828	39.0841	588.890	42.52 ± 0.17	84.96	3.14	10.9 ± 9.4
14D34780	10.8 %	✓	0.489869	2.426482	0.0631293	51.2672	773.131	42.56 ± 0.14	84.21	4.12	9.1 ± 5.1
14D34781	11.6 %	✓	0.455527	2.203519	0.1231715	58.7250	885.292	42.54 ± 0.12	86.78	4.72	11.5 ± 7.1
14D34783	12.4 %	✓	0.570098	2.594414	0.0883354	73.3177	1104.680	42.52 ± 0.11	86.75	5.89	12.2 ± 6.2
14D34784	13.2 %	✓	0.484161	1.676971	0.1134625	73.1492	1102.676	42.54 ± 0.11	88.50	5.88	18.8 ± 15.2
14D34785	14.0 %	✓	0.582027	3.572798	0.1216323	79.9538	1201.906	42.42 ± 0.11	87.46	6.42	9.6 ± 3.5
14D34787	14.8 %	✓	0.512355	2.029694	0.1240534	74.6867	1124.385	42.49 ± 0.11	88.11	6.00	15.8 ± 10.5
14D34788	15.6 %	✓	0.510789	1.622191	0.1085375	73.7680	1109.564	42.45 ± 0.11	88.01	5.93	19.6 ± 16.1
14D34789	16.4 %	✓	0.518750	1.151419	0.0756321	72.5849	1096.057	42.61 ± 0.11	87.71	5.83	27.1 ± 31.1
14D34791	17.2 %	✓	0.487069	1.401910	0.1238310	73.9229	1114.538	42.55 ± 0.11	88.54	5.94	22.7 ± 21.2
14D34792	18.0 %	✓	0.461866	0.933026	0.0886889	71.3946	1074.354	42.47 ± 0.11	88.71	5.74	32.9 ± 47.1
14D34793	18.8 %	✓	0.357220	1.276799	0.0714857	62.4781	943.320	42.61 ± 0.11	89.92	5.02	21.0 ± 22.4
14D34795	19.6 %	✓	0.505427	1.172420	0.0983751	67.4144	1017.013	42.57 ± 0.12	87.18	5.42	24.7 ± 27.9
14D34796	20.4 %	✓	0.330061	0.769862	0.1240924	55.3535	834.523	42.55 ± 0.12	89.52	4.45	30.9 ± 56.9
14D34798	21.6 %	✓	0.445983	0.864114	0.1095283	60.7417	914.907	42.51 ± 0.12	87.39	4.88	30.2 ± 47.5
14D34799	23.0 %	✓	0.653266	0.738206	0.1507039	78.7632	1187.199	42.54 ± 0.11	86.00	6.33	45.9 ± 82.9
14D34801	24.5 %	✓	0.669075	0.832178	0.1424260	84.8171	1280.759	42.61 ± 0.10	86.61	6.81	43.8 ± 70.3
		Σ	10.210062	33.485249	2.1861604	1244.8269	18763.904				

Information on Analysis

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D61-06A**
Material = **Biotite**
Location = **Maybe Seamount**
Region = **Walvis Ridge**
Analyst = **Dan Miggins**
Irradiation = **14-OSU-04 (R98)**
J = **0.00157911 ± 0.00000303**
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	15.07315	± 0.00990	**42.54**	**± 0.16**	1.04	99.83	5.8 ± 2.2
		± 0.07%		**± 0.39%**	41%	25	
		Full External Error		± 0.97	1.58	2σ Confidence Limit	
		Analytical Error		± 0.03	1.0206	Error Magnification	
Total Fusion Age	15.07350	± 0.01051	**42.54**	**± 0.16**		27	16.0 ± 3.3
		± 0.07%		**± 0.39%**			
		Full External Error		± 0.97			
		Analytical Error		± 0.03			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
14D34765	2.8 %		4.14 ± 0.39	348.83 ± 5.57	0.1356
14D34767	3.4 %		15.00 ± 1.67	504.66 ± 23.62	0.3497
14D34768	4.0 %	✓	16.56 ± 0.86	543.00 ± 13.44	0.4166
14D34769	4.6 %	✓	25.52 ± 1.44	686.00 ± 23.25	0.5433
14D34771	5.2 %	✓	43.41 ± 1.43	963.33 ± 25.66	0.7694
14D34772	6.0 %	✓	57.43 ± 1.68	1168.36 ± 30.15	0.8520
14D34773	6.8 %	✓	62.62 ± 1.53	1244.14 ± 27.49	0.8819
14D34775	7.6 %	✓	67.83 ± 1.31	1319.88 ± 23.56	0.9023
14D34776	8.4 %	✓	76.62 ± 1.22	1451.44 ± 21.72	0.9295
14D34777	9.2 %	✓	78.11 ± 0.97	1478.44 ± 17.64	0.9526
14D34779	10.0 %	✓	110.96 ± 1.35	1967.35 ± 23.13	0.9620
14D34780	10.8 %	✓	104.65 ± 1.14	1873.74 ± 19.84	0.9698
14D34781	11.6 %	✓	128.92 ± 1.44	2238.95 ± 24.53	0.9771
14D34783	12.4 %	✓	128.61 ± 1.25	2233.20 ± 21.18	0.9758
14D34784	13.2 %	✓	151.08 ± 1.60	2573.00 ± 26.73	0.9793
14D34785	14.0 %	✓	137.37 ± 1.33	2360.53 ± 22.36	0.9762
14D34787	14.8 %	✓	145.77 ± 1.55	2490.04 ± 25.96	0.9799
14D34788	15.6 %	✓	144.42 ± 1.42	2467.75 ± 23.81	0.9757
14D34789	16.4 %	✓	139.92 ± 1.41	2408.38 ± 23.79	0.9769
14D34791	17.2 %	✓	151.77 ± 1.60	2583.75 ± 26.80	0.9792
14D34792	18.0 %	✓	154.58 ± 1.70	2621.62 ± 28.27	0.9804
14D34793	18.8 %	✓	174.90 ± 2.19	2936.23 ± 36.30	0.9829
14D34795	19.6 %	✓	133.38 ± 1.40	2307.69 ± 23.78	0.9757
14D34796	20.4 %	✓	167.71 ± 2.12	2823.89 ± 35.03	0.9798
14D34798	21.6 %	✓	136.20 ± 1.46	2346.94 ± 24.63	0.9750
14D34799	23.0 %	✓	120.57 ± 1.12	2112.83 ± 19.17	0.9750
14D34801	24.5 %	✓	126.77 ± 1.13	2209.72 ± 19.20	0.9749

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	**301.58 ± 5.95 ± 1.97%**	15.02765 ± 0.04547 ± 0.30%	**42.41 ± 0.20 ± 0.48%**	0.91 59%
			Full External Error ± 0.97	
			Analytical Error ± 0.13	

Statistics				
	2σ Confidence Limit	1.59	Convergence	0.000055895225
	Error Magnification	1.0000	Number of Iterations	1
	Number of Data Points	25	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ		36(a)/40(a+r) ± 2σ		r.i.
14D34765	2.8 %		0.0118795	± 0.0011098	0.00286676	± 0.00004576	0.0341
14D34767	3.4 %		0.0297220	± 0.0031144	0.00198152	± 0.00009273	0.0744
14D34768	4.0 %	✓	0.0304984	± 0.0014368	0.00184161	± 0.00004558	0.0682
14D34769	4.6 %	✓	0.0372057	± 0.0017609	0.00145772	± 0.00004940	0.0705
14D34771	5.2 %	✓	0.0450592	± 0.0009525	0.00103806	± 0.00002765	0.0576
14D34772	6.0 %	✓	0.0491565	± 0.0007560	0.00085590	± 0.00002209	0.0534
14D34773	6.8 %	✓	0.0503330	± 0.0005809	0.00080377	± 0.00001776	0.0464
14D34775	7.6 %	✓	0.0513872	± 0.0004298	0.00075764	± 0.00001352	0.0427
14D34776	8.4 %	✓	0.0527895	± 0.0003090	0.00068897	± 0.00001031	0.0382
14D34777	9.2 %	✓	0.0528334	± 0.0001996	0.00067639	± 0.00000807	0.0282
14D34779	10.0 %	✓	0.0564003	± 0.0001870	0.00050830	± 0.00000598	0.0243
14D34780	10.8 %	✓	0.0558535	± 0.0001481	0.00053369	± 0.00000565	0.0194
14D34781	11.6 %	✓	0.0575792	± 0.0001367	0.00044664	± 0.00000489	0.0168
14D34783	12.4 %	✓	0.0575880	± 0.0001219	0.00044779	± 0.00000425	0.0145
14D34784	13.2 %	✓	0.0587192	± 0.0001257	0.00038865	± 0.00000404	0.0137
14D34785	14.0 %	✓	0.0581950	± 0.0001223	0.00042363	± 0.00000401	0.0124
14D34787	14.8 %	✓	0.0585417	± 0.0001239	0.00040160	± 0.00000419	0.0132
14D34788	15.6 %	✓	0.0585227	± 0.0001265	0.00040523	± 0.00000391	0.0141
14D34789	16.4 %	✓	0.0580982	± 0.0001252	0.00041522	± 0.00000410	0.0142
14D34791	17.2 %	✓	0.0587404	± 0.0001259	0.00038703	± 0.00000401	0.0133
14D34792	18.0 %	✓	0.0589631	± 0.0001273	0.00038144	± 0.00000411	0.0138
14D34793	18.8 %	✓	0.0595666	± 0.0001375	0.00034057	± 0.00000421	0.0147
14D34795	19.6 %	✓	0.0577987	± 0.0001333	0.00043333	± 0.00000447	0.0143
14D34796	20.4 %	✓	0.0593886	± 0.0001500	0.00035412	± 0.00000439	0.0167
14D34798	21.6 %	✓	0.0580319	± 0.0001382	0.00042609	± 0.00000447	0.0170
14D34799	23.0 %	✓	0.0570649	± 0.0001177	0.00047330	± 0.00000429	0.0131
14D34801	24.5 %	✓	0.0573681	± 0.0001134	0.00045255	± 0.00000393	0.0125

Results	40(a)/36(a) ± 2σ		40(r)/39(k) ± 2σ		Age ± 2σ (Ma)		MSWD
Inverse Isochron	**301.54**	**± 5.94**	15.02812	± 0.04544	**42.41**	**± 0.20**	0.91
		± 1.97%		± 0.30%		**± 0.48%**	59%
					Full External Error	± 0.97	
					Analytical Error	± 0.13	

Statistics				
	2σ Confidence Limit	1.59	Convergence	0.0000707579
	Error Magnification	1.0000	Number of Iterations	3
	Number of Data Points	25	Calculated Line	Weighted York-2
	Spreading Factor	43.7%		

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
14D34765	2.8 %		0.268103	0.71	0.0000000	0.00	0.0000747	238.91	0.0000011	693.68	0.280448	238.91	0.0501085	0.71	0.0000000	0.00	0.013366	4.66	0.0000201	239.25	0.0054277	693.68	1.1110	4.66	0.0001895	238.91	14.297	4.59	79.2245	0.71	0.0000000	0.00	0.0042473	5.36
14D34767	3.4 %		0.069074	2.14	0.0000000	0.00	0.0001628	109.55	0.0000151	51.36	0.611188	109.55	0.0129099	2.14	0.0000000	0.00	0.012465	5.15	0.0000439	110.30	0.0721982	51.37	1.0361	5.15	0.0004129	109.56	14.448	3.80	20.4113	2.14	0.0000000	0.00	0.0039609	5.80
14D34768	4.0 %	✓	0.137460	1.15	0.0000000	0.00	0.0000245	696.33	0.0000060	138.58	0.092089	696.33	0.0256912	1.15	0.0000000	0.00	0.027388	2.32	0.0000066	696.45	0.0288012	138.58	2.2764	2.31	0.0000622	696.33	34.022	1.69	40.6194	1.15	0.0000000	0.00	0.0087028	3.52
14D34769	4.6 %	✓	0.091334	1.61	0.0000000	0.00	0.0002202	85.35	0.0000057	136.04	0.826990	85.35	0.0170704	1.61	0.0000000	0.00	0.028046	2.31	0.0000594	86.31	0.0273503	136.04	2.3311	2.31	0.0005587	85.36	35.666	1.53	26.9893	1.61	0.0000000	0.00	0.0089119	3.52
14D34771	5.2 %	✓	0.121414	1.30	0.0000000	0.00	0.0002101	88.23	0.0000116	67.96	0.788947	88.23	0.0226923	1.30	0.0000000	0.00	0.063406	1.03	0.0000566	89.16	0.0556568	67.97	5.2702	1.02	0.0005330	88.24	81.084	0.71	35.8778	1.30	0.0000000	0.00	0.0201480	2.85
14D34772	6.0 %	✓	0.123965	1.27	0.0000000	0.00	0.0000947	191.86	0.0000146	55.13	0.355750	191.86	0.0231691	1.27	0.0000000	0.00	0.085656	0.75	0.0000255	192.29	0.0699944	55.14	7.1196	0.73	0.0002403	191.87	108.205	0.53	36.6317	1.27	0.0000000	0.00	0.0272184	2.76
14D34773	6.8 %	✓	0.156365	1.09	0.0000000	0.00	0.0001196	147.78	0.0000001	######	0.449000	147.78	0.0292245	1.09	0.0000000	0.00	0.117804	0.57	0.0000322	148.34	0.0004309	######	9.7917	0.55	0.0003033	147.79	148.333	0.41	46.2057	1.09	0.0000000	0.00	0.0374338	2.72
14D34775	7.6 %	✓	0.200530	0.88	0.0000000	0.00	0.0001630	110.69	0.0000010	752.98	0.612145	110.69	0.0374791	0.88	0.0000000	0.00	0.163633	0.43	0.0000440	111.43	0.0049367	752.98	13.6010	0.40	0.0004136	110.70	205.419	0.30	59.2567	0.88	0.0000000	0.00	0.0519965	2.69
14D34776	8.4 %	✓	0.252269	0.74	0.0000000	0.00	0.0003751	47.05	0.0000064	126.18	1.408574	47.05	0.0471491	0.74	0.0000000	0.00	0.232548	0.32	0.0001011	48.77	0.0305713	126.19	19.3290	0.28	0.0009516	47.07	291.607	0.22	74.5455	0.74	0.0000000	0.00	0.0738949	2.67
14D34777	9.2 %	✓	0.403765	0.59	0.0000000	0.00	0.0003339	52.69	0.0000188	41.69	1.253864	52.69	0.0754637	0.59	0.0000000	0.00	0.379440	0.24	0.0000900	54.23	0.0900249	41.70	31.5386	0.18	0.0008471	52.70	477.631	0.16	119.3126	0.59	0.0000000	0.00	0.1205719	2.67
14D34779	10.0 %	✓	0.352239	0.59	0.0000000	0.00	0.0004102	42.88	0.0000154	51.53	1.540252	42.88	0.0658335	0.59	0.0000000	0.00	0.470221	0.23	0.0001106	44.76	0.0736828	51.54	39.0841	0.16	0.0010406	42.90	588.890	0.12	104.0866	0.59	0.0000000	0.00	0.1494185	2.66
14D34780	10.8 %	✓	0.489869	0.53	0.0000000	0.00	0.0006462	28.33	0.0000132	57.57	2.426482	28.33	0.0915566	0.53	0.0000000	0.00	0.616796	0.20	0.0001742	31.09	0.0631293	57.58	51.2672	0.13	0.0016393	28.36	773.131	0.11	144.7563	0.53	0.0000000	0.00	0.1959945	2.66
14D34781	11.6 %	✓	0.455527	0.55	0.0000000	0.00	0.0005868	30.98	0.0000258	30.60	2.203519	30.97	0.0851380	0.55	0.0000000	0.00	0.706521	0.20	0.0001582	33.52	0.1231715	30.61	58.7250	0.11	0.0014887	31.00	885.292	0.09	134.6083	0.55	0.0000000	0.00	0.2245057	2.66
14D34783	12.4 %	✓	0.570098	0.47	0.0000000	0.00	0.0006909	25.39	0.0000185	43.41	2.594414	25.39	0.1065513	0.47	0.0000000	0.00	0.882086	0.19	0.0001863	28.44	0.0883354	43.42	73.3177	0.10	0.0017528	25.43	1104.680	0.08	168.4639	0.47	0.0000000	0.00	0.2802937	2.66
14D34784	13.2 %	✓	0.484161	0.52	0.0000000	0.00	0.0004466	40.63	0.0000237	33.22	1.676971	40.63	0.0904897	0.52	0.0000000	0.00	0.880058	0.19	0.0001204	42.60	0.1134625	33.23	73.1492	0.10	0.0011330	40.65	1102.676	0.07	143.0695	0.52	0.0000000	0.00	0.2796494	2.66
14D34785	14.0 %	✓	0.582027	0.47	0.0000000	0.00	0.0009514	18.14	0.0000255	32.60	3.572798	18.14	0.1087809	0.47	0.0000000	0.00	0.961924	0.19	0.0002565	22.22	0.1216323	32.62	79.9538	0.10	0.0024138	18.19	1201.906	0.07	171.9891	0.47	0.0000000	0.00	0.3056634	2.66
14D34787	14.8 %	✓	0.512355	0.52	0.0000000	0.00	0.0005405	33.16	0.0000260	30.83	2.029694	33.16	0.0957592	0.52	0.0000000	0.00	0.898556	0.19	0.0001457	35.55	0.1240534	30.84	74.6867	0.10	0.0013713	33.19	1124.385	0.08	151.4010	0.52	0.0000000	0.00	0.2855274	2.66
14D34788	15.6 %	✓	0.510789	0.48	0.0000000	0.00	0.0004320	41.25	0.0000227	35.28	1.622191	41.25	0.0954665	0.48	0.0000000	0.00	0.887502	0.19	0.0001165	43.19	0.1085375	35.29	73.7680	0.10	0.0010960	41.27	1109.564	0.07	150.9382	0.48	0.0000000	0.00	0.2820149	2.66
14D34789	16.4 %	✓	0.518750	0.49	0.0000000	0.00	0.0003066	57.43	0.0000158	50.16	1.151419	57.43	0.0969543	0.49	0.0000000	0.00	0.873269	0.19	0.0000827	58.84	0.0756321	50.17	72.5849	0.10	0.0007779	57.44	1096.057	0.08	153.2905	0.49	0.0000000	0.00	0.2774920	2.66
14D34791	17.2 %	✓	0.487069	0.52	0.0000000	0.00	0.0003733	46.78	0.0000259	30.74	1.401910	46.78	0.0910333	0.52	0.0000000	0.00	0.889366	0.19	0.0001007	48.50	0.1238310	30.76	73.9229	0.10	0.0009471	46.80	1114.538	0.07	143.9290	0.52	0.0000000	0.00	0.2826072	2.66
14D34792	18.0 %	✓	0.461866	0.54	0.0000000	0.00	0.0002485	71.52	0.0000186	44.43	0.933026	71.52	0.0863227	0.54	0.0000000	0.00	0.858949	0.19	0.0000670	72.66	0.0886889	44.44	71.3946	0.10	0.0006304	71.53	1074.354	0.08	136.4813	0.54	0.0000000	0.00	0.2729416	2.66
14D34793	18.8 %	✓	0.357220	0.62	0.0000000	0.00	0.0003400	53.14	0.0000150	50.62	1.276799	53.14	0.0667644	0.62	0.0000000	0.00	0.751674	0.19	0.0000917	54.67	0.0714857	50.62	62.4781	0.11	0.0008626	53.16	943.320	0.08	105.5585	0.62	0.0000000	0.00	0.2388538	2.66
14D34795	19.6 %	✓	0.505427	0.51	0.0000000	0.00	0.0003122	56.36	0.0000206	39.54	1.172420	56.36	0.0944642	0.51	0.0000000	0.00	0.811063	0.20	0.0000842	57.80	0.0983751	39.55	67.4144	0.11	0.0007921	56.38	1017.013	0.08	149.3535	0.51	0.0000000	0.00	0.2577253	2.66
14D34796	20.4 %	✓	0.330061	0.62	0.0000000	0.00	0.0002050	92.02	0.0000260	31.02	0.769862	92.02	0.0616884	0.62	0.0000000	0.00	0.665958	0.20	0.0000553	92.91	0.1240924	31.03	55.3535	0.12	0.0005201	92.03	834.523	0.08	97.5330	0.62	0.0000000	0.00	0.2116164	2.66
14D34798	21.6 %	✓	0.445983	0.52	0.0000000	0.00	0.0002301	78.58	0.0000229	33.92	0.864114	78.58	0.0833541	0.52	0.0000000	0.00	0.730784	0.20	0.0000620	79.62	0.1095283	33.93	60.7417	0.11	0.0005838	78.59	914.907	0.08	131.7879	0.52	0.0000000	0.00	0.2322156	2.66
14D34799	23.0 %	✓	0.653266	0.45	0.0000000	0.00	0.0001966	90.39	0.0000316	24.14	0.738206	90.39	0.1220955	0.45	0.0000000	0.00	0.947600	0.19	0.0000530	91.29	0.1507039	24.16	78.7632	0.10	0.0004987	90.40	1187.199	0.08	193.0402	0.45	0.0000000	0.00	0.3011116	2.66
14D34801	24.5 %	✓	0.669075	0.43	0.0000000	0.00	0.0002216	80.24	0.0000298	25.81	0.832178	80.24	0.1250502	0.43	0.0000000	0.00	1.020434	0.19	0.0000598	81.26	0.1424260	25.83	84.8171	0.10	0.0005622	80.25	1280.759	0.07	197.7117	0.43	0.0000000	0.00	0.3242556	2.66
		Σ	10.210062	0.12	0.0000000	0.00	0.0089171	10.43	0.0004575	9.01	33.485249	10.43	1.9082606	0.12	0.0000000	0.00	14.976512	0.05	0.0024042	10.83	2.1861604	9.01	1244.8269	0.03	0.0226226	10.43	18763.904	0.02	3017.0734	0.12	0.0000000	0.00	4.7589732	0.61
		Σ							10.219437	0.12	33.485249	10.43									19.073338	1.03			1244.8495	0.03							21785.737	0.02

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
14D34765	2.8 %		84.168015	3.930567	0.252388	0.603096	0.241347	0.011368	128.687	12.734181	1.00090931	4.489E-12
14D34767	3.4 %		33.635495	1.761480	0.589671	0.646703	0.066814	0.003719	128.704	12.738548	1.00090943	1.673E-12
14D34768	4.0 %	✓	32.791510	0.772357	0.040452	0.281680	0.060396	0.001559	128.713	12.740645	1.00090949	3.583E-12
14D34769	4.6 %	✓	26.874976	0.635823	0.354673	0.302821	0.039268	0.001100	128.722	12.742917	1.00090955	3.008E-12
14D34771	5.2 %	✓	22.194623	0.234541	0.149684	0.132075	0.023077	0.000379	128.739	12.747288	1.00090968	5.615E-12
14D34772	6.0 %	✓	20.346331	0.156439	0.049966	0.095865	0.017426	0.000254	128.747	12.749386	1.00090974	6.953E-12
14D34773	6.8 %	✓	19.870875	0.114655	0.045854	0.067764	0.015981	0.000194	128.756	12.751660	1.00090980	9.340E-12
14D34775	7.6 %	✓	19.463332	0.081380	0.045006	0.049816	0.014755	0.000142	128.774	12.756033	1.00090992	1.271E-11
14D34776	8.4 %	✓	18.946051	0.055451	0.072870	0.034288	0.013070	0.000103	128.782	12.758133	1.00090998	1.758E-11
14D34777	9.2 %	✓	18.930749	0.035751	0.039755	0.020947	0.012813	0.000079	128.790	12.760233	1.00091004	2.866E-11
14D34779	10.0 %	✓	17.733745	0.029397	0.039408	0.016898	0.009023	0.000055	128.808	12.764610	1.00091016	3.327E-11
14D34780	10.8 %	✓	17.907232	0.023735	0.047329	0.013407	0.009568	0.000052	128.817	12.766886	1.00091023	4.407E-11
14D34781	11.6 %	✓	17.370775	0.020623	0.037522	0.011622	0.007767	0.000043	128.825	12.768988	1.00091029	4.897E-11
14D34783	12.4 %	✓	17.368147	0.018380	0.035385	0.008985	0.007785	0.000038	128.842	12.773367	1.00091041	6.112E-11
14D34784	13.2 %	✓	17.033753	0.018230	0.022925	0.009314	0.006625	0.000035	128.851	12.775470	1.00091047	5.981E-11
14D34785	14.0 %	✓	17.186910	0.018053	0.044684	0.008107	0.007292	0.000035	128.860	12.777748	1.00091053	6.596E-11
14D34787	14.8 %	✓	17.085336	0.018075	0.027176	0.009012	0.006868	0.000036	128.877	12.782130	1.00091065	6.125E-11
14D34788	15.6 %	✓	17.090956	0.018463	0.021990	0.009071	0.006930	0.000034	128.885	12.784235	1.00091071	6.052E-11
14D34789	16.4 %	✓	17.215874	0.018548	0.015863	0.009110	0.007151	0.000036	128.894	12.786514	1.00091078	5.998E-11
14D34791	17.2 %	✓	17.027662	0.018241	0.018964	0.008871	0.006594	0.000035	128.912	12.790900	1.00091090	6.042E-11
14D34792	18.0 %	✓	16.963430	0.018309	0.013068	0.009347	0.006473	0.000035	128.920	12.793005	1.00091096	5.813E-11
14D34793	18.8 %	✓	16.791534	0.019373	0.020436	0.010861	0.005723	0.000036	128.928	12.795111	1.00091102	5.036E-11
14D34795	19.6 %	✓	17.305057	0.019956	0.017391	0.009802	0.007502	0.000039	128.946	12.799500	1.00091114	5.600E-11
14D34796	20.4 %	✓	16.841915	0.021265	0.013908	0.012798	0.005967	0.000037	128.955	12.801782	1.00091120	4.475E-11
14D34798	21.6 %	✓	17.235547	0.020518	0.014226	0.011179	0.007346	0.000039	128.972	12.806173	1.00091132	5.025E-11
14D34799	23.0 %	✓	17.527620	0.018082	0.009372	0.008471	0.008297	0.000038	128.981	12.808281	1.00091138	6.627E-11
14D34801	24.5 %	✓	17.434996	0.017235	0.009811	0.007872	0.007891	0.000035	128.998	12.812674	1.00091151	7.098E-11

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
14D34765	2.8 %	0.0241938 ± 0.0011227	0.0683540 ± 0.0423580	0.1123274 ± 0.0261027	0.0069007 ± 0.0455968	7.3776563 ± 0.3321264
14D34767	3.4 %	0.0237916 ± 0.0011227	0.0700031 ± 0.0423580	0.1018706 ± 0.0261027	0.0113748 ± 0.0455968	7.2433901 ± 0.3321264
14D34768	4.0 %	0.0237839 ± 0.0011227	0.0711421 ± 0.0423580	0.0970835 ± 0.0261027	0.0170196 ± 0.0455968	7.2211818 ± 0.3321264
14D34769	4.6 %	0.0238788 ± 0.0011227	0.0724800 ± 0.0423580	0.0921195 ± 0.0261027	0.0211819 ± 0.0455968	7.2213678 ± 0.3321264
14D34771	5.2 %	0.0242771 ± 0.0011227	0.0749832 ± 0.0423580	0.0833517 ± 0.0261027	0.0243906 ± 0.0455968	7.2749355 ± 0.3321264
14D34772	6.0 %	0.0245329 ± 0.0011227	0.0760027 ± 0.0423580	0.0795582 ± 0.0261027	0.0240885 ± 0.0455968	7.3179776 ± 0.3321264
14D34773	6.8 %	0.0248336 ± 0.0011227	0.0768834 ± 0.0423580	0.0757832 ± 0.0261027	0.0226847 ± 0.0455968	7.3723040 ± 0.3321264
14D34775	7.6 %	0.0254210 ± 0.0011227	0.0777241 ± 0.0423580	0.0695686 ± 0.0261027	0.0175622 ± 0.0455968	7.4865486 ± 0.3321264
14D34776	8.4 %	0.0256830 ± 0.0011227	0.0776613 ± 0.0423580	0.0670963 ± 0.0261027	0.0142820 ± 0.0455968	7.5407171 ± 0.3321264
14D34777	9.2 %	0.0259191 ± 0.0011227	0.0772689 ± 0.0423580	0.0649636 ± 0.0261027	0.0106493 ± 0.0455968	7.5915779 ± 0.3321264
14D34779	10.0 %	0.0262951 ± 0.0011227	0.0753683 ± 0.0423580	0.0616163 ± 0.0261027	0.0024621 ± 0.0455968	7.6794235 ± 0.3321264
14D34780	10.8 %	0.0264151 ± 0.0011227	0.0738162 ± 0.0423580	0.0604536 ± 0.0261027	0.0018769 ± 0.0455968	7.7121420 ± 0.3321264
14D34781	11.6 %	0.0264743 ± 0.0011227	0.0720670 ± 0.0423580	0.0597208 ± 0.0261027	0.0057990 ± 0.0455968	7.7329588 ± 0.3321264
14D34783	12.4 %	0.0264302 ± 0.0011227	0.0675910 ± 0.0423580	0.0591886 ± 0.0261027	0.0133733 ± 0.0455968	7.7445232 ± 0.3321264
14D34784	13.2 %	0.0263285 ± 0.0011227	0.0651357 ± 0.0423580	0.0593757 ± 0.0261027	0.0165890 ± 0.0455968	7.7341594 ± 0.3321264
14D34785	14.0 %	0.0261619 ± 0.0011227	0.0623389 ± 0.0423580	0.0598698 ± 0.0261027	0.0196859 ± 0.0455968	7.7113207 ± 0.3321264
14D34787	14.8 %	0.0256939 ± 0.0011227	0.0568818 ± 0.0423580	0.0615528 ± 0.0261027	0.0243481 ± 0.0455968	7.6354197 ± 0.3321264
14D34788	15.6 %	0.0254120 ± 0.0011227	0.0544013 ± 0.0423580	0.0626388 ± 0.0261027	0.0259333 ± 0.0455968	7.5856709 ± 0.3321264
14D34789	16.4 %	0.0250761 ± 0.0011227	0.0519631 ± 0.0423580	0.0639649 ± 0.0261027	0.0271576 ± 0.0455968	7.5237535 ± 0.3321264
14D34791	17.2 %	0.0243841 ± 0.0011227	0.0484987 ± 0.0423580	0.0667720 ± 0.0261027	0.0280976 ± 0.0455968	7.3881201 ± 0.3321264
14D34792	18.0 %	0.0240543 ± 0.0011227	0.0476653 ± 0.0423580	0.0681458 ± 0.0261027	0.0279276 ± 0.0455968	7.3192098 ± 0.3321264
14D34793	18.8 %	0.0237435 ± 0.0011227	0.0475497 ± 0.0423580	0.0694715 ± 0.0261027	0.0273972 ± 0.0455968	7.2507854 ± 0.3321264
14D34795	19.6 %	0.0232224 ± 0.0011227	0.0502528 ± 0.0423580	0.0718479 ± 0.0261027	0.0253381 ± 0.0455968	7.1210262 ± 0.3321264
14D34796	20.4 %	0.0230589 ± 0.0011227	0.0536068 ± 0.0423580	0.0727415 ± 0.0261027	0.0238992 ± 0.0455968	7.0672977 ± 0.3321264
14D34798	21.6 %	0.0230598 ± 0.0011227	0.0647981 ± 0.0423580	0.0734428 ± 0.0261027	0.0208554 ± 0.0455968	7.0094933 ± 0.3321264
14D34799	23.0 %	0.0232523 ± 0.0011227	0.0727853 ± 0.0423580	0.0731600 ± 0.0261027	0.0194582 ± 0.0455968	7.0109646 ± 0.3321264
14D34801	24.5 %	0.0241815 ± 0.0011227	0.0959846 ± 0.0423580	0.0708794 ± 0.0261027	0.0172643 ± 0.0455968	7.0976505 ± 0.3321264

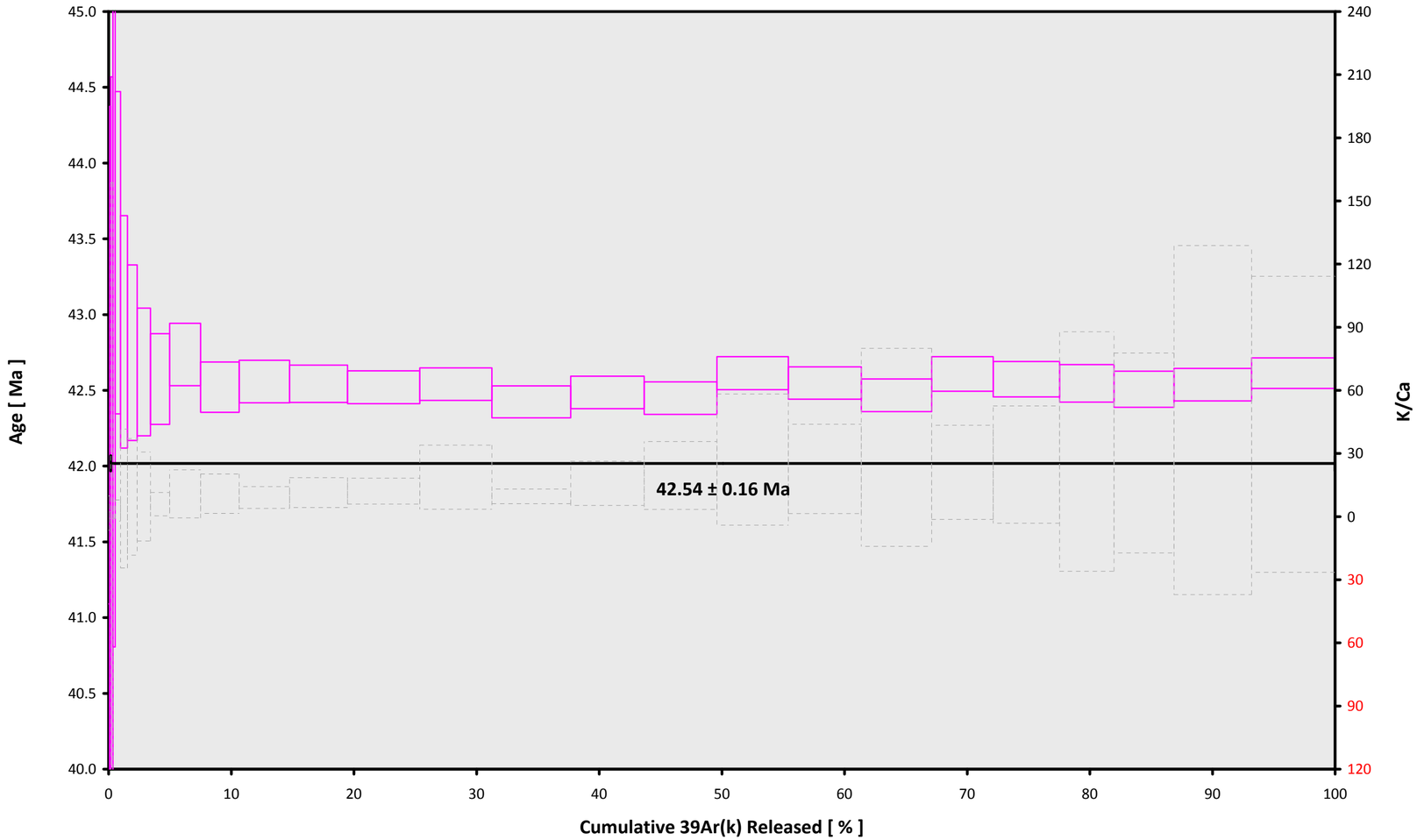
Intercept Values		36Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	37Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	38Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	39Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	40Ar ± 1σ (SE) [fA]	r2	Regression (type,n)
14D34765	2.8 %	0.2793296 ± 0.0012160	0.4256	EXP 150 of 150	0.0899509 ± 0.0294632	0.0168	EXP 150 of 150	0.0442953 ± 0.0264420	0.0079	EXP 150 of 150	1.109910 ± 0.023624	0.0123	EXP 150 of 150	101.1746 ± 0.0384	0.9893	EXP 150 of 150
14D34767	3.4 %	0.0896750 ± 0.0008031	0.2321	EXP 150 of 150	0.1170538 ± 0.0293700	0.0018	EXP 150 of 150	0.0055149 ± 0.0256418	0.0162	EXP 150 of 150	1.017495 ± 0.026965	0.0005	EXP 150 of 150	42.2074 ± 0.0335	0.9965	EXP 150 of 150
14D34768	4.0 %	0.1545872 ± 0.0009209	0.0122	EXP 150 of 150	0.0782301 ± 0.0253343	0.0453	EXP 150 of 150	0.0162547 ± 0.0294977	0.0037	EXP 150 of 150	2.242741 ± 0.025489	0.0825	EXP 150 of 150	82.0875 ± 0.0344	0.9903	EXP 150 of 150
14D34769	4.6 %	0.1109859 ± 0.0007732	0.0458	EXP 150 of 150	0.1361218 ± 0.0340022	0.0011	EXP 150 of 150	0.0205307 ± 0.0258226	0.0009	EXP 150 of 150	2.293373 ± 0.027665	0.0517	EXP 150 of 150	70.0675 ± 0.0362	0.9912	EXP 150 of 150
14D34771	5.2 %	0.1399968 ± 0.0009239	0.0095	EXP 150 of 150	0.1356765 ± 0.0327616	0.0008	EXP 150 of 150	0.0566276 ± 0.0266770	0.0111	EXP 150 of 150	5.207607 ± 0.027243	0.5172	EXP 150 of 150	124.5966 ± 0.0347	0.8222	EXP 150 of 150
14D34772	6.0 %	0.1425728 ± 0.0009136	0.0155	EXP 150 of 150	0.1033659 ± 0.0310155	0.0156	EXP 150 of 150	0.0969764 ± 0.0277209	0.0523	EXP 150 of 150	7.043453 ± 0.024167	0.6875	EXP 150 of 150	152.6019 ± 0.0385	0.7622	EXP 150 of 150
14D34773	6.8 %	0.1737069 ± 0.0010773	0.0676	EXP 150 of 150	0.1114130 ± 0.0284557	0.0123	EXP 150 of 150	0.0698030 ± 0.0269871	0.0023	EXP 150 of 150	9.697349 ± 0.027189	0.8237	EXP 150 of 150	202.5130 ± 0.0476	0.9785	EXP 150 of 150
14D34775	7.6 %	0.2163541 ± 0.0011152	0.2098	EXP 149 of 150	0.1247839 ± 0.0303160	0.0036	EXP 150 of 150	0.1338614 ± 0.0257717	0.0002	EXP 150 of 150	13.483811 ± 0.026922	0.9023	EXP 150 of 150	272.9827 ± 0.0455	0.9956	EXP 150 of 150
14D34776	8.4 %	0.2660455 ± 0.0011832	0.4320	EXP 150 of 150	0.1859302 ± 0.0282998	0.0064	EXP 150 of 150	0.2392625 ± 0.0277040	0.0073	EXP 149 of 150	19.173580 ± 0.024094	0.9609	EXP 150 of 150	374.8301 ± 0.0493	0.9983	EXP 150 of 150
14D34777	9.2 %	0.4103821 ± 0.0016341	0.4868	EXP 150 of 150	0.1736302 ± 0.0279880	0.0039	EXP 150 of 150	0.4730132 ± 0.0262485	0.0715	EXP 150 of 150	31.296859 ± 0.024676	0.9848	EXP 150 of 150	606.3884 ± 0.0600	0.9993	EXP 150 of 150
14D34779	10.0 %	0.3618073 ± 0.0012714	0.4828	EXP 150 of 150	0.1936984 ± 0.0279300	0.0192	EXP 150 of 150	0.5403513 ± 0.0268507	0.0197	EXP 150 of 150	38.795282 ± 0.030629	0.9854	EXP 150 of 150	702.8160 ± 0.0653	0.9995	EXP 150 of 150
14D34780	10.8 %	0.4930861 ± 0.0017124	0.5861	EXP 150 of 150	0.2601978 ± 0.0315091	0.0006	EXP 150 of 150	0.7012314 ± 0.0245416	0.0378	EXP 150 of 150	50.893745 ± 0.028396	0.9926	EXP 150 of 150	928.4586 ± 0.0723	0.9997	EXP 150 of 150
14D34781	11.6 %	0.4604289 ± 0.0016536	0.4916	EXP 150 of 150	0.2412946 ± 0.0308691	0.0095	EXP 150 of 150	0.8434449 ± 0.0264133	0.0651	EXP 150 of 150	58.300495 ± 0.024855	0.9957	EXP 150 of 150	1030.8174 ± 0.0653	0.9998	EXP 150 of 150
14D34783	12.4 %	0.5694755 ± 0.0016788	0.6515	EXP 150 of 150	0.2667706 ± 0.0276209	0.0006	EXP 150 of 150	1.0040520 ± 0.0272944	0.0393	EXP 150 of 150	72.793757 ± 0.028001	0.9965	EXP 150 of 150	1284.8629 ± 0.0929	0.9997	EXP 150 of 150
14D34784	13.2 %	0.4873889 ± 0.0016203	0.4530	EXP 150 of 150	0.1938598 ± 0.0306721	0.0476	EXP 150 of 150	1.0107467 ± 0.0263843	0.0677	EXP 150 of 150	72.629057 ± 0.029792	0.9960	EXP 150 of 150	1257.3740 ± 0.0940	0.9997	EXP 150 of 150
14D34785	14.0 %	0.5808109 ± 0.0017251	0.6114	EXP 150 of 150	0.3365375 ± 0.0260639	0.0167	EXP 149 of 150	1.1173145 ± 0.0290359	0.0543	EXP 150 of 150	79.387979 ± 0.035949	0.9952	EXP 150 of 150	1385.8985 ± 0.0829	0.9998	EXP 150 of 150
14D34787	14.8 %	0.5136691 ± 0.0017717	0.4823	EXP 150 of 150	0.2125996 ± 0.0295292	0.0109	EXP 150 of 150	1.0425092 ± 0.0271446	0.0642	EXP 149 of 150	74.163263 ± 0.029804	0.9962	EXP 150 of 150	1287.4091 ± 0.0947	0.9997	EXP 150 of 150
14D34788	15.6 %	0.5117909 ± 0.0014802	0.5752	EXP 150 of 150	0.1788350 ± 0.0289814	0.0093	EXP 150 of 150	1.0148791 ± 0.0272165	0.0394	EXP 150 of 150	73.252552 ± 0.032681	0.9953	EXP 150 of 150	1272.0273 ± 0.0861	0.9998	EXP 150 of 150
14D34789	16.4 %	0.5189024 ± 0.0016051	0.4953	EXP 150 of 150	0.1402695 ± 0.0278829	0.0275	EXP 150 of 150	0.9684580 ± 0.0267437	0.0022	EXP 150 of 150	72.079066 ± 0.030442	0.9958	EXP 150 of 150	1260.7747 ± 0.0892	0.9997	EXP 150 of 150
14D34791	17.2 %	0.4881440 ± 0.0016293	0.4964	EXP 150 of 150	0.1559793 ± 0.0270829	0.0167	EXP 150 of 150	1.0232899 ± 0.0269021	0.0451	EXP 149 of 150	73.408327 ± 0.031237	0.9956	EXP 150 of 150	1269.7899 ± 0.0857	0.9998	EXP 150 of 150
14D34792	18.0 %	0.4637105 ± 0.0016358	0.4584	EXP 150 of 150	0.1191861 ± 0.0286745	0.0237	EXP 150 of 150	0.9525207 ± 0.0287375	0.0063	EXP 150 of 150	70.898177 ± 0.028737	0.9961	EXP 150 of 150	1221.9413 ± 0.0890	0.9997	EXP 150 of 150
14D34793	18.8 %	0.3639272 ± 0.0014613	0.2705	EXP 150 of 150	0.1454062 ± 0.0301698	0.0002	EXP 150 of 150	0.8090442 ± 0.0242868	0.0142	EXP 150 of 150	62.046912 ± 0.026260	0.9957	EXP 150 of 150	1059.4120 ± 0.0760	0.9997	EXP 150 of 150
14D34795	19.6 %	0.5043834 ± 0.0016961	0.5044	EXP 150 of 150	0.1400786 ± 0.0277259	0.0066	EXP 150 of 150	0.9191658 ± 0.0280563	0.0160	EXP 150 of 150	66.944791 ± 0.035029	0.9935	EXP 150 of 150	1177.1296 ± 0.0784	0.9998	EXP 150 of 150
14D34796	20.4 %	0.3372867 ± 0.0012866	0.1633	EXP 150 of 150	0.1125798 ± 0.0339202	0.0128	EXP 150 of 150	0.7680464 ± 0.0275240	0.0456	EXP 150 of 150	54.970859 ± 0.028476	0.9937	EXP 150 of 150	942.0397 ± 0.0620	0.9997	EXP 150 of 150
14D34798	21.6 %	0.4475920 ± 0.0014580	0.5129	EXP 150 of 150	0.1309684 ± 0.0301583	0.0172	EXP 150 of 150	0.8383497 ± 0.0256548	0.0236	EXP 150 of 150	60.316472 ± 0.029088	0.9945	EXP 149 of 150	1056.9737 ± 0.0811	0.9997	EXP 150 of 150
14D34799	23.0 %	0.6449632 ± 0.0018360	0.6750	EXP 150 of 150	0.1293047 ± 0.0285571	0.0439	EXP 149 of 150	1.1315226 ± 0.0244919	0.0396	EXP 150 of 150	78.203917 ± 0.030907	0.9963	EXP 150 of 150	1391.5561 ± 0.0854	0.9998	EXP 150 of 150
14D34801	24.5 %	0.6609545 ± 0.0017072	0.7283	EXP 150 of 150	0.1596770 ± 0.0285924	0.0073	EXP 150 of 150	1.2004484 ± 0.0250296	0.0384	EXP 150 of 150	84.211133 ± 0.029626	0.9970	EXP 150 of 150	1490.1828 ± 0.0876	0.9998	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
14D34765	2.8 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34767	3.4 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34768	4.0 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34769	4.6 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34771	5.2 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34772	6.0 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34773	6.8 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34775	7.6 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34776	8.4 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34777	9.2 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34779	10.0 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34780	10.8 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34781	11.6 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34783	12.4 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34784	13.2 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34785	14.0 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34787	14.8 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34788	15.6 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34789	16.4 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34791	17.2 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34792	18.0 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34793	18.8 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34795	19.6 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34796	20.4 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34798	21.6 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34799	23.0 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	01
14D34801	24.5 %	Dan Miggins	14-OSU-04	0.00	0.00	48.36	Walvis Ridge\MV1203 (13-INT-04)	14D34764	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
14D34765	2.8 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	8	29	1
14D34767	3.4 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	8	54	1
14D34768	4.0 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	9	6	1
14D34769	4.6 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	9	19	1
14D34771	5.2 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	9	44	1
14D34772	6.0 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	9	56	1
14D34773	6.8 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	10	9	1
14D34775	7.6 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	10	34	1
14D34776	8.4 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	10	46	1
14D34777	9.2 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	10	58	1
14D34779	10.0 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	11	23	1
14D34780	10.8 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	11	36	1
14D34781	11.6 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	11	48	1
14D34783	12.4 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	12	13	1
14D34784	13.2 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	12	25	1
14D34785	14.0 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	12	38	1
14D34787	14.8 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	13	3	1
14D34788	15.6 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	13	15	1
14D34789	16.4 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	13	28	1
14D34791	17.2 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	13	53	1
14D34792	18.0 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	14	5	1
14D34793	18.8 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	14	17	1
14D34795	19.6 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	14	42	1
14D34796	20.4 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	14	55	1
14D34798	21.6 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	15	20	1
14D34799	23.0 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	15	32	1
14D34801	24.5 %	MV1203-D61-06A	Biotite	Maybe Seamount	CT-NM (R98) (4B34-14	28.201	0.082	Kuiper et al (2008)	9.95332	0.192	0.00157911	0.192	303.33	0.168	0.9935383	0.071	1	4.8E-14	13	DEC	2014	15	57	1

Irradiation Constants		40/36(a)	%1σ	40/36(c)	%1σ	38/36(a)	%1σ	38/36(c)	%1σ	39/37(ca)	%1σ	38/37(ca)	%1σ	36/37(ca)	%1σ	40/39(k)	%1σ	38/39(k)	%1σ	36/38(cl)	%1σ	K/Ca	%1σ	K/Cl	%1σ	Ca/Cl	%1σ
14D34765	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
14D34767	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
14D34768	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
14D34769	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
14D34771	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
14D34772	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
14D34773	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
14D34775	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
14D34776	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
14D34777	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
14D34779	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
14D34780	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
14D34781	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
14D34783	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
14D34784	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
14D34785	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
14D34787	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
14D34788	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
14D34789	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
14D34791	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
14D34792	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
14D34793	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
14D34795	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
14D34796	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
14D34798	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
14D34799	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
14D34801	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

14D34764.AGE >>> MV1203-D61-06A >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
42.54 ± 0.16
TOTAL FUSION
42.54 ± 0.16
NORMAL ISOCHRON
42.41 ± 0.20
INVERSE ISOCHRON
42.41 ± 0.20

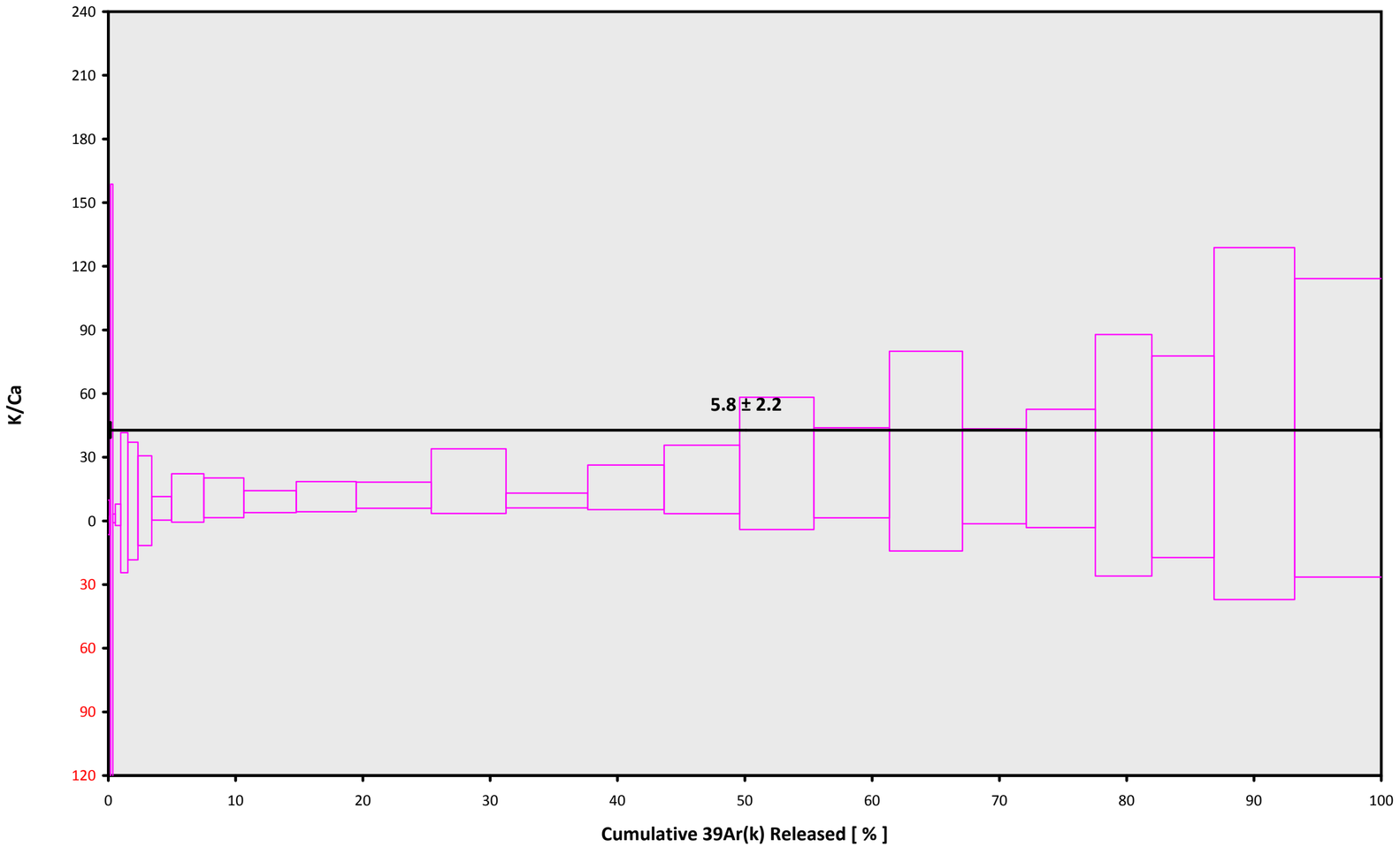
MSWD (PROBABILITY)
1.04 (41%)

Sample Info

Biotite
Maybe Seamount
Dan Miggins

IRR = 14-OSU-04 (R98)
J = 0.00157911 ± 0.00000303

14D34764.AGE >>> MV1203-D61-06A >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

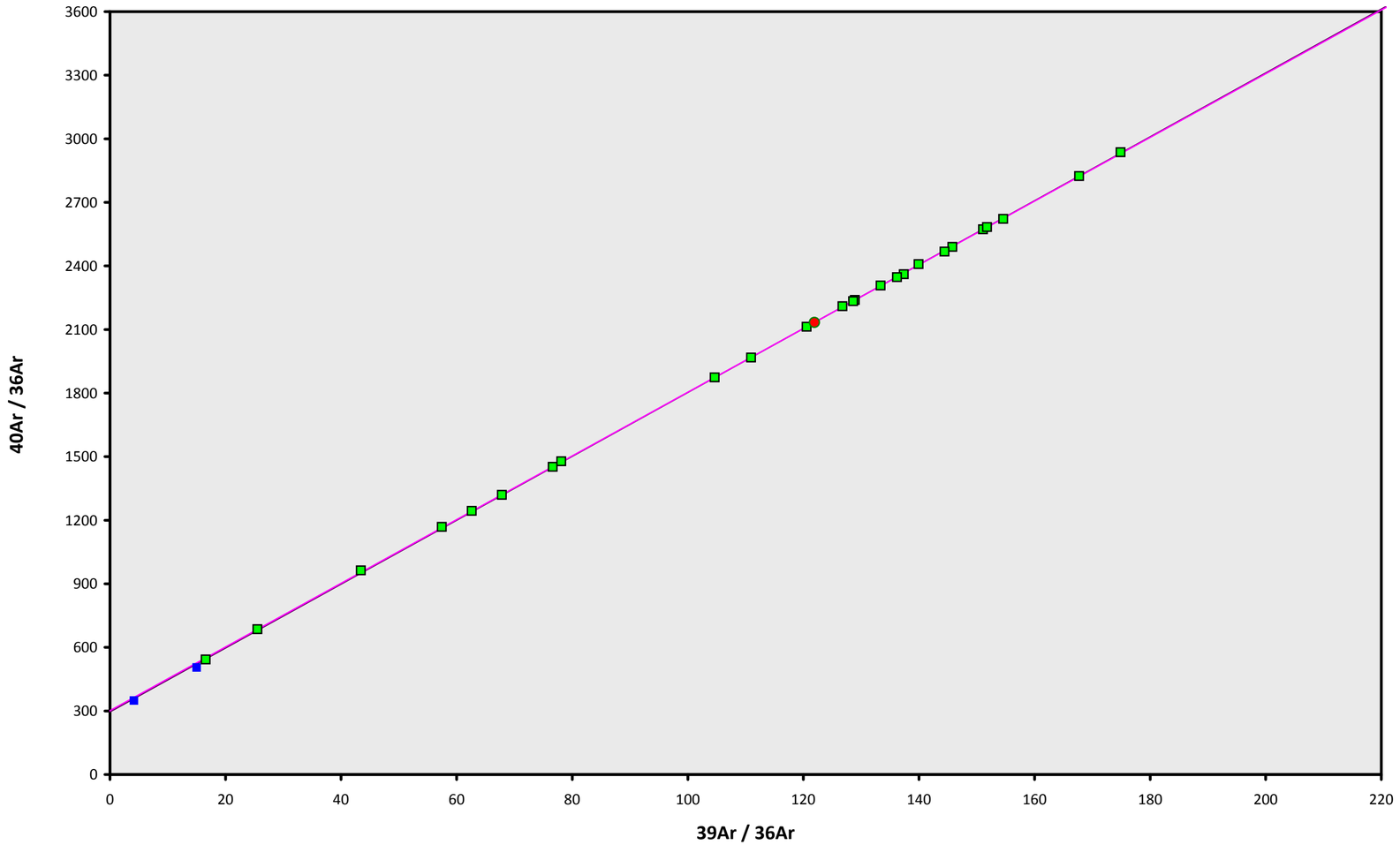
WEIGHTED PLATEAU
42.54 ± 0.16
TOTAL FUSION
42.54 ± 0.16
NORMAL ISOCHRON
42.41 ± 0.20
INVERSE ISOCHRON
42.41 ± 0.20

Sample Info

Biotite
Maybe Seamount
Dan Miggins

IRR = 14-OSU-04 (R98)
J = 0.00157911 ± 0.00000303

14D34764.AGE >>> MV1203-D61-06A >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
42.54 ± 0.16
TOTAL FUSION
42.54 ± 0.16
NORMAL ISOCHRON
42.41 ± 0.20
INVERSE ISOCHRON
42.41 ± 0.20

MSWD (PROBABILITY)
0.91 (59%)

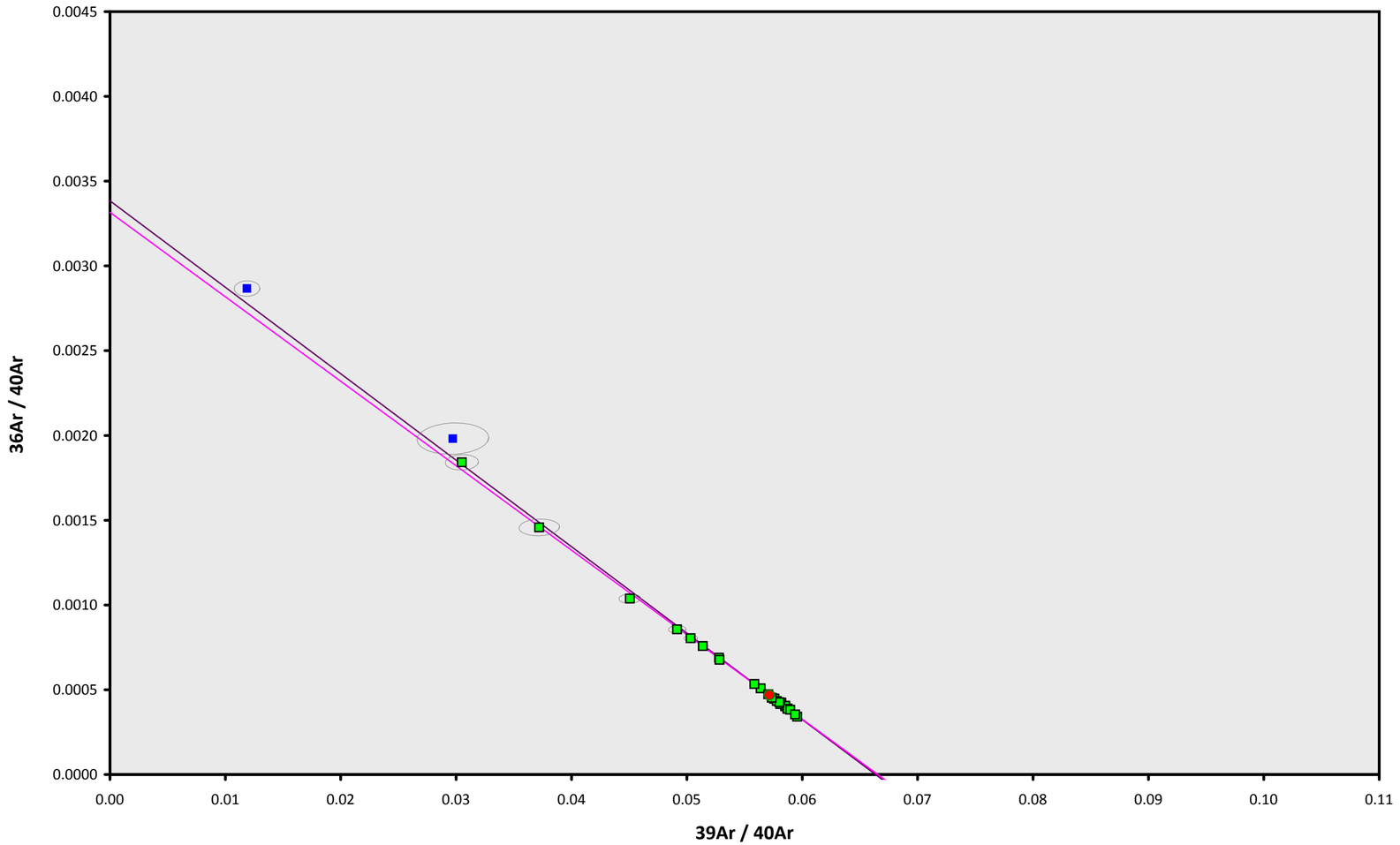
40AR/36AR INTERCEPT
301.6 ± 5.9

Sample Info

Biotite
Maybe Seamount
Dan Miggins

IRR = 14-OSU-04 (R98)
J = 0.00157911 ± 0.00000303

14D34764.AGE >>> MV1203-D61-06A >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
42.54 ± 0.16
TOTAL FUSION
42.54 ± 0.16
NORMAL ISOCHRON
42.41 ± 0.20
INVERSE ISOCHRON
42.41 ± 0.20

MSWD (PROBABILITY)
0.91 (59%)

SPREADING FACTOR
43.7%

40AR/36AR INTERCEPT
301.5 ± 5.9

Sample Info

Biotite
Maybe Seamount
Dan Miggins

IRR = 14-OSU-04 (R98)
J = 0.00157911 ± 0.00000303