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
14D32640	1.8 %		0.0569008	2.048	26.40094	1.846	1.561083	2.712	135.5831	0.079	2056.236	0.007	15.05534 ± 0.02431	44.16 ± 0.07	99.26	4.19	2.21 ± 0.08
14D32642	1.9 %		0.0378012	2.780	26.57211	1.756	1.515047	2.860	132.2111	0.079	1995.600	0.008	15.02358 ± 0.02422	44.07 ± 0.07	99.52	4.09	2.14 ± 0.08
14D32643	2.0 %		0.0440528	2.611	39.47515	1.318	2.269344	1.905	194.9252	0.075	2933.989	0.006	14.99925 ± 0.02280	44.00 ± 0.07	99.64	6.03	2.12 ± 0.06
14D32644	2.1 %		0.0302871	3.505	32.74467	1.539	1.920750	2.350	160.0718	0.075	2403.601	0.007	14.97420 ± 0.02303	43.93 ± 0.07	99.71	4.95	2.10 ± 0.06
14D32646	2.2 %		0.0129080	7.414	17.22836	2.765	1.019708	4.366	85.2725	0.086	1278.173	0.010	14.95866 ± 0.02685	43.88 ± 0.08	99.78	2.64	2.13 ± 0.12
14D32647	2.3 %		0.0172207	5.669	22.62505	2.177	1.286091	3.461	108.4322	0.081	1620.871	0.009	14.91602 ± 0.02482	43.76 ± 0.07	99.77	3.35	2.06 ± 0.09
14D32648	2.4 %		0.0126260	7.649	17.34876	2.750	1.026018	4.236	82.2439	0.090	1229.281	0.010	14.91634 ± 0.02785	43.76 ± 0.08	99.78	2.54	2.04 ± 0.11
14D32650	2.5 %		0.0231037	4.507	35.73890	1.405	1.996439	2.278	164.1402	0.075	2449.835	0.007	14.89918 ± 0.02287	43.71 ± 0.07	99.81	5.07	1.97 ± 0.06
14D32651	**2.6 %**	✓	**0.0158039**	**6.613**	**31.91506**	**1.530**	**1.673619**	**2.603**	**141.3022**	**0.077**	**2104.304**	**0.007**	**14.87539 ± 0.02337**	**43.64 ± 0.07**	**99.87**	**4.37**	**1.90 ± 0.06**
14D32652	**2.7 %**	✓	**0.0208515**	**5.019**	**35.72193**	**1.403**	**1.955186**	**2.259**	**160.2022**	**0.076**	**2386.533**	**0.006**	**14.87452 ± 0.02294**	**43.64 ± 0.07**	**99.83**	**4.95**	**1.93 ± 0.05**
14D32654	**2.8 %**	✓	**0.0151213**	**6.652**	**31.76748**	**1.490**	**1.680579**	**2.655**	**137.8388**	**0.077**	**2052.769**	**0.007**	**14.87675 ± 0.02343**	**43.65 ± 0.07**	**99.88**	**4.26**	**1.87 ± 0.06**
14D32655	**2.9 %**	✓	**0.0161768**	**6.391**	**31.94746**	**1.505**	**1.707913**	**2.524**	**139.6025**	**0.077**	**2077.461**	**0.008**	**14.86351 ± 0.02349**	**43.61 ± 0.07**	**99.87**	**4.32**	**1.88 ± 0.06**
14D32656	**3.0 %**	✓	**0.0137959**	**7.511**	**25.32928**	**1.953**	**1.411268**	**3.230**	**115.1877**	**0.081**	**1711.521**	**0.009**	**14.83885 ± 0.02478**	**43.54 ± 0.07**	**99.85**	**3.56**	**1.96 ± 0.08**
14D32658	**3.2 %**	✓	**0.0107394**	**9.166**	**18.94996**	**2.613**	**1.040687**	**4.627**	**85.8130**	**0.087**	**1276.343**	**0.010**	**14.85234 ± 0.02687**	**43.58 ± 0.08**	**99.84**	**2.65**	**1.95 ± 0.10**
14D32659	**3.4 %**	✓	**0.0149543**	**6.618**	**22.42811**	**2.137**	**1.194363**	**3.751**	**104.9630**	**0.082**	**1560.417**	**0.009**	**14.83938 ± 0.02502**	**43.54 ± 0.07**	**99.80**	**3.25**	**2.01 ± 0.09**
14D32660	**3.6 %**	✓	**0.0165361**	**6.255**	**29.19902**	**1.650**	**1.630566**	**2.741**	**135.6732**	**0.079**	**2018.199**	**0.008**	**14.85471 ± 0.02392**	**43.58 ± 0.07**	**99.85**	**4.19**	**2.00 ± 0.07**
14D32662	**3.8 %**	✓	**0.0098107**	**9.543**	**14.92076**	**3.310**	**0.848766**	**5.416**	**69.5912**	**0.093**	**1033.611**	**0.012**	**14.82615 ± 0.02892**	**43.50 ± 0.08**	**99.81**	**2.15**	**2.01 ± 0.13**
14D32663	**4.0 %**	✓	**0.0076437**	**12.459**	**12.87103**	**3.737**	**0.775000**	**5.710**	**63.1213**	**0.100**	**940.158**	**0.014**	**14.87296 ± 0.03140**	**43.64 ± 0.09**	**99.84**	**1.95**	**2.11 ± 0.16**
14D32664	**4.3 %**	✓	**0.0093847**	**10.640**	**14.97053**	**3.285**	**0.853698**	**5.394**	**72.7644**	**0.092**	**1082.399**	**0.012**	**14.85172 ± 0.02881**	**43.57 ± 0.08**	**99.83**	**2.25**	**2.09 ± 0.14**
14D32666	4.6 %		0.0096596	9.821	12.97627	3.738	0.762155	5.565	63.9258	0.096	948.265	0.014	14.80336 ± 0.03013	43.43 ± 0.09	99.78	1.98	2.12 ± 0.16
14D32667	4.9 %		0.0100339	9.730	16.90190	2.929	0.909799	4.863	78.5679	0.090	1166.524	0.012	14.82486 ± 0.02796	43.50 ± 0.08	99.83	2.43	2.00 ± 0.12
14D32668	5.2 %		0.0089980	10.450	14.98908	3.180	0.805962	5.478	71.0592	0.093	1053.293	0.013	14.80022 ± 0.02875	43.42 ± 0.08	99.83	2.20	2.04 ± 0.13
14D32670	5.5 %		0.0173104	5.975	22.07237	2.162	1.220530	3.655	101.9794	0.083	1504.902	0.009	14.72213 ± 0.02527	43.20 ± 0.07	99.75	3.15	1.99 ± 0.09
14D32671	5.8 %		0.0130230	7.422	15.28871	3.181	0.856548	5.106	70.3699	0.094	1041.776	0.012	14.76504 ± 0.02906	43.32 ± 0.08	99.72	2.18	1.98 ± 0.13
14D32672	6.2 %		0.0097217	9.893	11.04255	4.533	0.636197	7.316	49.6571	0.109	733.025	0.016	14.71983 ± 0.03440	43.19 ± 0.10	99.70	1.54	1.93 ± 0.18
14D32674	6.6 %		0.0113457	8.124	11.57470	4.079	0.624847	6.994	49.2316	0.109	721.132	0.017	14.59668 ± 0.03421	42.83 ± 0.10	99.64	1.52	1.83 ± 0.15
14D32675	7.0 %		0.0129041	7.339	14.29505	3.475	0.716811	6.283	55.8289	0.100	811.454	0.015	14.48523 ± 0.03093	42.51 ± 0.09	99.64	1.73	1.68 ± 0.12
14D32676	7.6 %		0.0131345	7.331	17.11225	2.967	0.724518	5.916	57.3867	0.099	830.073	0.015	14.41950 ± 0.03063	42.32 ± 0.09	99.67	1.77	1.44 ± 0.09
14D32678	8.3 %		0.0157943	6.265	17.62670	2.860	0.659225	7.000	54.4975	0.105	786.674	0.016	14.37417 ± 0.03240	42.19 ± 0.09	99.56	1.68	1.33 ± 0.08
14D32679	9.0 %		0.0164863	5.933	16.12504	2.983	0.545005	8.087	45.3545	0.116	657.429	0.018	14.41555 ± 0.03616	42.31 ± 0.10	99.43	1.40	1.21 ± 0.07
14D32680	9.8 %		0.0247429	4.120	24.84273	1.904	0.737195	5.858	57.7726	0.102	832.387	0.015	14.31564 ± 0.03130	42.02 ± 0.09	99.33	1.79	1.00 ± 0.04
14D32682	11.0 %		0.0317678	3.175	26.56318	1.930	0.727804	6.272	54.2162	0.107	789.780	0.016	14.43366 ± 0.03313	42.36 ± 0.10	99.05	1.68	0.88 ± 0.03
14D32683	13.0 %		0.0423659	2.413	28.38442	1.723	0.747295	5.958	60.4399	0.097	893.594	0.015	14.61550 ± 0.03047	42.89 ± 0.09	98.82	1.87	0.92 ± 0.03
14D32684	15.5 %		0.0325476	3.121	16.34935	3.041	0.426068	10.117	32.7221	0.149	489.958	0.023	14.71990 ± 0.04805	43.19 ± 0.14	98.27	1.01	0.86 ± 0.05
14D32686	18.5 %		0.0216381	4.615	10.34424	4.718	0.206030	21.908	15.3453	0.257	233.858	0.047	14.87910 ± 0.08705	43.65 ± 0.25	97.59	0.47	0.64 ± 0.06
14D32687	21.5 %		0.0201429	4.865	8.12224	5.869	0.123567	36.987	12.0141	0.330	180.171	0.060	14.55718 ± 0.10917	42.72 ± 0.32	97.03	0.37	0.64 ± 0.07
14D32689	24.5 %		0.0347944	2.861	11.97711	3.972	0.219917	20.367	15.0649	0.266	230.123	0.048	14.65966 ± 0.08863	43.02 ± 0.26	95.92	0.47	0.54 ± 0.04
	Σ		0.7321296	0.834	784.74243	0.379	39.015600	0.694	3234.3731	0.015	48115.721	0.002					

Information on Analysis and Constants Used in Calculations

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D58-16**
Material = **Groundmass**
Location = **Wanderer Guyot**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **14-OSU-04 (4B22-14)**
Position = **X: 0 | Y: 0 | Z/H: 34.56 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **9.57110 ± 0.01914**
FCT-NM J-value = **0.00164217 ± 0.00000328**
Air Shot 40Ar/36Ar = **303.7070 ± 0.4920**
Air Shot MDF = **0.99323558 ± 0.00069920 (LIN)**
Experiment Type = **Incremental Heating**
Extraction Method = **Bulk Laser Heating**
Heating = **77 sec**
Isolation = **6.00 min**
Instrument = **ARGUS-VI-D**
Preferred Age = **Plateau Age**
Age Classification = **Eruption Age**
IGSN = **IESS10043**
Rock Class = **Igneous>Volcanic>Felsic**
Lithology = **Trachyandesite**
Lat-Lon = **35°46.1'S - 0°58.0'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		14.85814 ± 0.01021	**43.59 ± 0.17**	1.79	37.91	1.93 ± 0.04
		± 0.07%	**± 0.40%**	6%	11	
		Full External Error ± 0.99		1.89	2σ Confidence Limit	
		Analytical Error ± 0.03		1.3371	Error Magnification	
Total Fusion Age		14.82719 ± 0.00472	**43.50 ± 0.17**		37	1.77 ± 0.01
		± 0.03%	**± 0.40%**			
		Full External Error ± 0.99				
		Analytical Error ± 0.01				
Normal Isochron	649.35 **± 727.69**	14.92104 ± 0.04779	**43.77 ± 0.22**	0.86	37.91	
	########	± 0.32%	**± 0.51%**	56%	11	
		Full External Error ± 1.01		1.94	2σ Confidence Limit	
		Analytical Error ± 0.14		1.0000	Error Magnification	
				1	Number of Iterations	
				0.0000006316	Convergence	
Inverse Isochron	1018.83 **± 689.77**	14.94374 ± 0.05329	**43.84 ± 0.23**	0.83	37.91	
Clustered Points	**± 67.70%**	± 0.36%	**± 0.53%**	59%	11	
		Full External Error ± 1.01		1.94	2σ Confidence Limit	
		Analytical Error ± 0.15		1.0000	Error Magnification	
Notes				8	Number of Iterations	
Recoil, high-T steps are variable.				0.0005858520	Convergence	
				0%	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
14D32640	1.8 %		0.0498702	26.40094	0.0000000	135.5653	2040.981	44.16 ± 0.07	99.26	4.19	2.21 ± 0.08
14D32642	1.9 %		0.0307250	26.57211	0.0000000	132.1932	1986.015	44.07 ± 0.07	99.52	4.09	2.14 ± 0.08
14D32643	2.0 %		0.0335405	39.47515	0.0000000	194.8985	2923.332	44.00 ± 0.07	99.64	6.03	2.12 ± 0.06
14D32644	2.1 %		0.0215672	32.74467	0.0000000	160.0497	2396.616	43.93 ± 0.07	99.71	4.95	2.10 ± 0.06
14D32646	2.2 %		0.0083201	17.22836	0.0000000	85.2609	1275.389	43.88 ± 0.08	99.78	2.64	2.13 ± 0.12
14D32647	2.3 %		0.0111957	22.62505	0.0000000	108.4169	1617.148	43.76 ± 0.07	99.77	3.35	2.06 ± 0.09
14D32648	2.4 %		0.0079999	17.34876	0.0339421	82.2321	1226.602	43.76 ± 0.08	99.78	2.54	2.04 ± 0.11
14D32650	2.5 %		0.0135834	35.73890	0.0168546	164.1160	2445.194	43.71 ± 0.07	99.81	5.07	1.97 ± 0.06
14D32651	**2.6 %**	✓	**0.0073049**	**31.91506**	**0.0000000**	**141.2807**	**2101.605**	**43.64 ± 0.07**	**99.87**	**4.37**	**1.90 ± 0.06**
14D32652	**2.7 %**	✓	**0.0113345**	**35.72193**	**0.0234007**	**160.1781**	**2382.572**	**43.64 ± 0.07**	**99.83**	**4.95**	**1.93 ± 0.05**
14D32654	**2.8 %**	✓	**0.0066582**	**31.76748**	**0.0189723**	**137.8174**	**2050.275**	**43.65 ± 0.07**	**99.88**	**4.26**	**1.87 ± 0.06**
14D32655	**2.9 %**	✓	**0.0076647**	**31.94746**	**0.0248884**	**139.5809**	**2074.662**	**43.61 ± 0.07**	**99.87**	**4.32**	**1.88 ± 0.06**
14D32656	**3.0 %**	✓	**0.0070466**	**25.32928**	**0.0225154**	**115.1706**	**1708.998**	**43.54 ± 0.07**	**99.85**	**3.56**	**1.96 ± 0.08**
14D32658	**3.2 %**	✓	**0.0056919**	**18.94996**	**0.0060011**	**85.8002**	**1274.333**	**43.58 ± 0.08**	**99.84**	**2.65**	**1.95 ± 0.10**
14D32659	**3.4 %**	✓	**0.0089817**	**22.42811**	**0.0000000**	**104.9479**	**1557.361**	**43.54 ± 0.07**	**99.80**	**3.25**	**2.01 ± 0.09**
14D32660	**3.6 %**	✓	**0.0087604**	**29.19902**	**0.0000000**	**135.6534**	**2015.092**	**43.58 ± 0.07**	**99.85**	**4.19**	**2.00 ± 0.07**
14D32662	**3.8 %**	✓	**0.0058356**	**14.92076**	**0.0094734**	**69.5812**	**1031.621**	**43.50 ± 0.08**	**99.81**	**2.15**	**2.01 ± 0.13**
14D32663	**4.0 %**	✓	**0.0042136**	**12.87103**	**0.0139804**	**63.1126**	**938.672**	**43.64 ± 0.09**	**99.84**	**1.95**	**2.11 ± 0.16**
14D32664	**4.3 %**	✓	**0.0053980**	**14.97053**	**0.0000000**	**72.7542**	**1080.526**	**43.57 ± 0.08**	**99.83**	**2.25**	**2.09 ± 0.14**
14D32666	4.6 %		0.0062040	12.97627	0.0000000	63.9170	946.187	43.43 ± 0.09	99.78	1.98	2.12 ± 0.16
14D32667	4.9 %		0.0055329	16.90190	0.0000000	78.5565	1164.589	43.50 ± 0.08	99.83	2.43	2.00 ± 0.12
14D32668	5.2 %		0.0050064	14.98908	0.0000000	71.0491	1051.542	43.42 ± 0.08	99.83	2.20	2.04 ± 0.13
14D32670	5.5 %		0.0114325	22.07237	0.0000000	101.9645	1501.134	43.20 ± 0.07	99.75	3.15	1.99 ± 0.09
14D32671	5.8 %		0.0089503	15.28871	0.0072810	70.3596	1038.862	43.32 ± 0.08	99.72	2.18	1.98 ± 0.13
14D32672	6.2 %		0.0067744	11.04255	0.0368033	49.6496	730.834	43.19 ± 0.10	99.70	1.54	1.93 ± 0.18
14D32674	6.6 %		0.0082578	11.57470	0.0302616	49.2238	718.503	42.83 ± 0.10	99.64	1.52	1.83 ± 0.15
14D32675	7.0 %		0.0090897	14.29505	0.0425241	55.8193	808.555	42.51 ± 0.09	99.64	1.73	1.68 ± 0.12
14D32676	7.6 %		0.0085719	17.11225	0.0314072	57.3752	827.321	42.32 ± 0.09	99.67	1.77	1.44 ± 0.09
14D32678	8.3 %		0.0111002	17.62670	0.0003685	54.4856	783.186	42.19 ± 0.09	99.56	1.68	1.33 ± 0.08
14D32679	9.0 %		0.0121922	16.12504	0.0000000	45.3436	653.653	42.31 ± 0.10	99.43	1.40	1.21 ± 0.07
14D32680	9.8 %		0.0181205	24.84273	0.0371646	57.7558	826.811	42.02 ± 0.09	99.33	1.79	1.00 ± 0.04
14D32682	11.0 %		0.0246815	26.56318	0.0692239	54.1983	782.280	42.36 ± 0.10	99.05	1.68	0.88 ± 0.03
14D32683	13.0 %		0.0348050	28.38442	0.0118309	60.4207	883.079	42.89 ± 0.09	98.82	1.87	0.92 ± 0.03
14D32684	15.5 %		0.0281890	16.34935	0.0260794	32.7110	481.503	43.19 ± 0.14	98.27	1.01	0.86 ± 0.05
14D32686	18.5 %		0.0188803	10.34424	0.0172231	15.3383	228.220	43.65 ± 0.25	97.59	0.47	0.64 ± 0.06
14D32687	21.5 %		0.0179799	8.12224	0.0000000	12.0086	174.812	42.72 ± 0.32	97.03	0.37	0.64 ± 0.07
14D32689	24.5 %		0.0315991	11.97711	0.0320020	15.0568	220.728	43.02 ± 0.26	95.92	0.47	0.54 ± 0.04
	Σ		0.5230598	784.74243	0.5121981	3233.8429	47948.794				

Information on Analysis

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D58-16**
Material = **Groundmass**
Location = **Wanderer Guyot**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **14-OSU-04 (4B22-14)**
J = **0.00164217 ± 0.00000328**
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	14.85814	± 0.01021	**43.59**	**± 0.17**	1.79	37.91	1.93 ± 0.04
		± 0.07%		**± 0.40%**	6%	11	
			Full External Error	± 0.99	1.89	2σ Confidence Limit	
			Analytical Error	± 0.03	1.3371	Error Magnification	
Total Fusion Age	14.82719	± 0.00472	**43.50**	**± 0.17**		37	1.77 ± 0.01
		± 0.03%		**± 0.40%**			
			Full External Error	± 0.99			
			Analytical Error	± 0.01			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
14D32640	1.8 %		2718.36 ± 127.90	41221.36 ± 1938.45	0.9994
14D32642	1.9 %		4302.46 ± 296.42	64933.89 ± 4472.54	0.9997
14D32643	2.0 %		5810.83 ± 401.56	87453.65 ± 6042.05	0.9998
14D32644	2.1 %		7420.98 ± 736.49	111418.77 ± 11056.48	0.9999
14D32646	2.2 %		10247.60 ± 2378.21	153585.91 ± 35642.42	1.0000
14D32647	2.3 %		9683.81 ± 1704.03	144739.46 ± 25468.25	1.0000
14D32648	2.4 %		10279.11 ± 2503.51	153622.24 ± 37414.11	1.0000
14D32650	2.5 %		12082.08 ± 1867.94	180308.55 ± 27875.16	1.0000
14D32651	**2.6 %**	✓	**19340.55 ± 5577.60**	**287993.82 ± 83052.98**	**1.0000**
14D32652	**2.7 %**	✓	**14131.88 ± 2631.29**	**210500.34 ± 39192.93**	**1.0000**
14D32654	**2.8 %**	✓	**20698.96 ± 6303.63**	**308228.78 ± 93866.35**	**1.0000**
14D32655	**2.9 %**	✓	**18210.88 ± 4950.68**	**270973.11 ± 73663.61**	**1.0000**
14D32656	**3.0 %**	✓	**16344.11 ± 4845.94**	**242823.19 ± 71994.66**	**1.0000**
14D32658	**3.2 %**	✓	**15074.05 ± 5260.83**	**224180.42 ± 78237.77**	**1.0000**
14D32659	**3.4 %**	✓	**11684.59 ± 2596.39**	**173687.54 ± 38593.45**	**1.0000**
14D32660	**3.6 %**	✓	**15484.89 ± 3684.82**	**230319.04 ± 54806.12**	**1.0000**
14D32662	**3.8 %**	✓	**11923.61 ± 3863.99**	**177076.73 ± 57382.91**	**1.0000**
14D32663	**4.0 %**	✓	**14978.23 ± 6832.01**	**223066.11 ± 101746.03**	**1.0000**
14D32664	**4.3 %**	✓	**13477.96 ± 5029.33**	**200466.33 ± 74803.51**	**1.0000**
14D32666	4.6 %		10302.50 ± 3179.95	152807.20 ± 47164.21	1.0000
14D32667	4.9 %		14198.08 ± 5056.50	210780.11 ± 75066.21	1.0000
14D32668	5.2 %		14191.72 ± 5379.25	210336.09 ± 79725.18	1.0000
14D32670	5.5 %		8918.79 ± 1625.88	131599.05 ± 23989.37	1.0000
14D32671	5.8 %		7861.17 ± 1713.14	116366.05 ± 25358.11	1.0000
14D32672	6.2 %		7328.99 ± 2100.98	108176.94 ± 31009.90	1.0000
14D32674	6.6 %		5960.86 ± 1343.13	87304.22 ± 19670.85	1.0000
14D32675	7.0 %		6140.96 ± 1292.12	89248.68 ± 18777.97	1.0000
14D32676	7.6 %		6693.44 ± 1518.60	96811.53 ± 21963.61	1.0000
14D32678	8.3 %		4908.53 ± 883.32	70851.51 ± 12749.34	0.9999
14D32679	9.0 %		3719.06 ± 601.94	53907.78 ± 8724.27	0.9999
14D32680	9.8 %		3187.31 ± 361.39	45923.90 ± 5206.23	0.9998
14D32682	11.0 %		2195.91 ± 181.18	31990.52 ± 2638.59	0.9997
14D32683	13.0 %		1735.98 ± 102.87	25667.68 ± 1520.22	0.9994
14D32684	15.5 %		1160.42 ± 84.42	17376.73 ± 1263.16	0.9991
14D32686	18.5 %		812.40 ± 86.77	12383.24 ± 1321.12	0.9988
14D32687	21.5 %		667.89 ± 73.54	10018.11 ± 1101.19	0.9981
14D32689	24.5 %		476.50 ± 30.37	7280.77 ± 462.55	0.9964

Results	40(a)/36(a) ± 2σ		40(r)/39(k) ± 2σ		Age ± 2σ (Ma)		MSWD
Normal Isochron	649.35	**± 727.69** **± 112.07%**	14.92104	± 0.04779 ± 0.32%	**43.77** Full External Error Analytical Error	**± 0.22** **± 0.51%** ± 1.01 ± 0.14	0.86 56%

Statistics				
	2σ Confidence Limit	1.94	Convergence	0.000000631600
	Error Magnification	1.0000	Number of Iterations	1
	Number of Data Points	11	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
14D32640	1.8 %		0.0659455 ± 0.0001041	0.00002426 ± 0.00000114	0.0003
14D32642	1.9 %		0.0662591 ± 0.0001047	0.00001540 ± 0.00000106	0.0002
14D32643	2.0 %		0.0664447 ± 0.0000998	0.00001143 ± 0.00000079	0.0001
14D32644	2.1 %		0.0666044 ± 0.0001009	0.00000898 ± 0.00000089	0.0001
14D32646	2.2 %		0.0667223 ± 0.0001160	0.00000651 ± 0.00000151	0.0001
14D32647	2.3 %		0.0669051 ± 0.0001087	0.00000691 ± 0.00000122	0.0001
14D32648	2.4 %		0.0669116 ± 0.0001209	0.00000651 ± 0.00000159	0.0001
14D32650	2.5 %		0.0670078 ± 0.0001014	0.00000555 ± 0.00000086	0.0001
14D32651	2.6 %	✓	0.0671561 ± 0.0001036	0.00000347 ± 0.00000100	0.0000
14D32652	2.7 %	✓	0.0671347 ± 0.0001020	0.00000475 ± 0.00000088	0.0001
14D32654	2.8 %	✓	0.0671545 ± 0.0001039	0.00000324 ± 0.00000099	0.0000
14D32655	2.9 %	✓	0.0672055 ± 0.0001043	0.00000369 ± 0.00000100	0.0001
14D32656	3.0 %	✓	0.0673087 ± 0.0001097	0.00000412 ± 0.00000122	0.0001
14D32658	3.2 %	✓	0.0672407 ± 0.0001176	0.00000446 ± 0.00000156	0.0001
14D32659	3.4 %	✓	0.0672736 ± 0.0001105	0.00000576 ± 0.00000128	0.0001
14D32660	3.6 %	✓	0.0672324 ± 0.0001063	0.00000434 ± 0.00000103	0.0001
14D32662	3.8 %	✓	0.0673358 ± 0.0001262	0.00000565 ± 0.00000183	0.0001
14D32663	4.0 %	✓	0.0671470 ± 0.0001358	0.00000448 ± 0.00000204	0.0001
14D32664	4.3 %	✓	0.0672330 ± 0.0001251	0.00000499 ± 0.00000186	0.0001
14D32666	4.6 %		0.0674216 ± 0.0001312	0.00000654 ± 0.00000202	0.0001
14D32667	4.9 %		0.0673597 ± 0.0001225	0.00000474 ± 0.00000169	0.0001
14D32668	5.2 %		0.0674716 ± 0.0001261	0.00000475 ± 0.00000180	0.0001
14D32670	5.5 %		0.0677724 ± 0.0001130	0.00000760 ± 0.00000139	0.0001
14D32671	5.8 %		0.0675556 ± 0.0001276	0.00000859 ± 0.00000187	0.0001
14D32672	6.2 %		0.0677500 ± 0.0001491	0.00000924 ± 0.00000265	0.0002
14D32674	6.6 %		0.0682769 ± 0.0001512	0.00001145 ± 0.00000258	0.0002
14D32675	7.0 %		0.0688073 ± 0.0001388	0.00001120 ± 0.00000236	0.0002
14D32676	7.6 %		0.0691389 ± 0.0001388	0.00001033 ± 0.00000234	0.0002
14D32678	8.3 %		0.0692791 ± 0.0001471	0.00001411 ± 0.00000254	0.0003
14D32679	9.0 %		0.0689893 ± 0.0001617	0.00001855 ± 0.00000300	0.0003
14D32680	9.8 %		0.0694042 ± 0.0001429	0.00002178 ± 0.00000247	0.0004
14D32682	11.0 %		0.0686425 ± 0.0001484	0.00003126 ± 0.00000258	0.0005
14D32683	13.0 %		0.0676328 ± 0.0001330	0.00003896 ± 0.00000231	0.0008
14D32684	15.5 %		0.0667800 ± 0.0002011	0.00005755 ± 0.00000418	0.0010
14D32686	18.5 %		0.0656046 ± 0.0003433	0.00008075 ± 0.00000862	0.0016
14D32687	21.5 %		0.0666684 ± 0.0004472	0.00009982 ± 0.00001097	0.0020
14D32689	24.5 %		0.0654458 ± 0.0003540	0.00013735 ± 0.00000873	0.0027

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	**1018.83 ± 689.77**	14.94374 ± 0.05329	**43.84 ± 0.23**	0.83
Clustered Points	**± 67.70%**	± 0.36%	**± 0.53%**	59%
			Full External Error ± 1.01	
			Analytical Error ± 0.15	

Statistics				
2σ Confidence Limit	1.94	Convergence		0.0005858520
Error Magnification	1.0000	Number of Iterations		8
Number of Data Points	11	Calculated Line		Weighted York-2
Spreading Factor	0.3%			

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
14D32640	1.8 %		0.0498702	2.35	0.0000000	0.00	0.0070306	1.85	0.0000000	0.00	26.40094	1.85	0.0093207	2.35	0.0000000	0.00	1.630986	0.18	0.0018956	12.95	0.0000000	0.00	135.5653	0.08	0.0178365	2.27	2040.981	0.02	14.73665	2.35	0.0000000	0.00	0.518266	2.66
14D32642	1.9 %		0.0307250	3.44	0.0000000	0.00	0.0070762	1.76	0.0000000	0.00	26.57211	1.76	0.0057425	3.44	0.0000000	0.00	1.590416	0.18	0.0019079	12.94	0.0000000	0.00	132.1932	0.08	0.0179521	2.24	1986.015	0.02	9.07924	3.44	0.0000000	0.00	0.505375	2.66
14D32643	2.0 %		0.0335405	3.45	0.0000000	0.00	0.0105122	1.33	0.0000000	0.00	39.47515	1.32	0.0062687	3.45	0.0000000	0.00	2.344824	0.18	0.0028343	12.89	0.0000000	0.00	194.8985	0.07	0.0266694	1.87	2923.332	0.01	9.91123	3.45	0.0000000	0.00	0.745097	2.66
14D32644	2.1 %		0.0215672	4.96	0.0000000	0.00	0.0087199	1.55	0.0000000	0.00	32.74467	1.54	0.0040309	4.96	0.0000000	0.00	1.925558	0.18	0.0023511	12.91	0.0000000	0.00	160.0497	0.08	0.0221223	2.03	2396.616	0.01	6.37310	4.96	0.0000000	0.00	0.611870	2.66
14D32646	2.2 %		0.0083201	11.60	0.0000000	0.00	0.0045879	2.77	0.0000000	0.00	17.22836	2.76	0.0015550	11.60	0.0000000	0.00	1.025774	0.18	0.0012370	13.11	0.0000000	0.00	85.2609	0.09	0.0116395	3.06	1275.389	0.02	2.45858	11.60	0.0000000	0.00	0.325952	2.66
14D32647	2.3 %		0.0111957	8.80	0.0000000	0.00	0.0060251	2.18	0.0000000	0.00	22.62505	2.18	0.0020925	8.80	0.0000000	0.00	1.304363	0.18	0.0016245	13.00	0.0000000	0.00	108.4169	0.08	0.0152855	2.55	1617.148	0.02	3.30832	8.80	0.0000000	0.00	0.414478	2.66
14D32648	2.4 %		0.0079999	12.18	0.0000000	0.00	0.0046200	2.75	0.0000061	128.16	17.34876	2.75	0.0014952	12.18	0.0000000	0.00	0.989335	0.18	0.0012456	13.11	0.0339421	128.17	82.2321	0.09	0.0117208	3.05	1226.602	0.03	2.36398	12.18	0.0000000	0.00	0.314373	2.66
14D32650	2.5 %		0.0135834	7.73	0.0000000	0.00	0.0095173	1.41	0.0000031	270.69	35.73890	1.41	0.0025387	7.73	0.0000000	0.00	1.974480	0.18	0.0025661	12.90	0.0168546	270.69	164.1160	0.08	0.0241452	1.93	2445.194	0.01	4.01390	7.73	0.0000000	0.00	0.627416	2.66
14D32651	2.6 %	✓	0.0073049	14.42	0.0000000	0.00	0.0084990	1.54	0.0000000	0.00	31.91506	1.53	0.0013653	14.42	0.0000000	0.00	1.699748	0.18	0.0022915	12.91	0.0000000	0.00	141.2807	0.08	0.0215618	2.02	2101.605	0.02	2.15860	14.42	0.0000000	0.00	0.540116	2.66
14D32652	2.7 %	✓	0.0113345	9.31	0.0000000	0.00	0.0095128	1.41	0.0000042	189.33	35.72193	1.40	0.0021184	9.31	0.0000000	0.00	1.927102	0.18	0.0025648	12.90	0.0234007	189.34	160.1781	0.08	0.0241337	1.93	2382.572	0.01	3.34935	9.31	0.0000000	0.00	0.612361	2.66
14D32654	2.8 %	✓	0.0066582	15.23	0.0000000	0.00	0.0084597	1.50	0.0000034	235.67	31.76748	1.49	0.0012444	15.23	0.0000000	0.00	1.658081	0.18	0.0022809	12.91	0.0189723	235.67	137.8174	0.08	0.0214621	1.99	2050.275	0.02	1.96749	15.23	0.0000000	0.00	0.526876	2.66
14D32655	2.9 %	✓	0.0076647	13.59	0.0000000	0.00	0.0085076	1.51	0.0000045	173.65	31.94746	1.51	0.0014325	13.59	0.0000000	0.00	1.679298	0.18	0.0022938	12.91	0.0248884	173.65	139.5809	0.08	0.0215837	2.00	2074.662	0.02	2.26492	13.59	0.0000000	0.00	0.533618	2.66
14D32656	3.0 %	✓	0.0070466	14.82	0.0000000	0.00	0.0067452	1.96	0.0000041	202.77	25.32928	1.95	0.0013170	14.82	0.0000000	0.00	1.385617	0.18	0.0018186	12.97	0.0225154	202.77	115.1706	0.08	0.0171125	2.36	1708.998	0.02	2.08227	14.82	0.0000000	0.00	0.440297	2.66
14D32658	3.2 %	✓	0.0056919	17.45	0.0000000	0.00	0.0050464	2.62	0.0000011	803.01	18.94996	2.61	0.0010638	17.45	0.0000000	0.00	1.032262	0.18	0.0013606	13.08	0.0060011	803.01	85.8002	0.09	0.0128026	2.93	1274.333	0.03	1.68196	17.45	0.0000000	0.00	0.328014	2.66
14D32659	3.4 %	✓	0.0089817	11.11	0.0000000	0.00	0.0059726	2.14	0.0000000	0.00	22.42811	2.14	0.0016787	11.11	0.0000000	0.00	1.262628	0.18	0.0016103	13.00	0.0000000	0.00	104.9479	0.08	0.0151524	2.51	1557.361	0.02	2.65410	11.11	0.0000000	0.00	0.401216	2.66
14D32660	3.6 %	✓	0.0087604	11.90	0.0000000	0.00	0.0077757	1.66	0.0000000	0.00	29.19902	1.65	0.0016373	11.90	0.0000000	0.00	1.632047	0.18	0.0020965	12.93	0.0000000	0.00	135.6534	0.08	0.0197269	2.11	2015.092	0.02	2.58869	11.90	0.0000000	0.00	0.518603	2.66
14D32662	3.8 %	✓	0.0058356	16.20	0.0000000	0.00	0.0039734	3.31	0.0000017	485.57	14.92076	3.31	0.0010907	16.20	0.0000000	0.00	0.837131	0.19	0.0010713	13.24	0.0094734	485.57	69.5812	0.09	0.0100805	3.56	1031.621	0.03	1.72441	16.20	0.0000000	0.00	0.266009	2.66
14D32663	4.0 %	✓	0.0042136	22.81	0.0000000	0.00	0.0034276	3.74	0.0000025	316.71	12.87103	3.74	0.0007875	22.81	0.0000000	0.00	0.759308	0.19	0.0009241	13.35	0.0139804	316.71	63.1126	0.10	0.0086957	3.96	938.672	0.03	1.24513	22.81	0.0000000	0.00	0.241280	2.66
14D32664	4.3 %	✓	0.0053980	18.66	0.0000000	0.00	0.0039867	3.29	0.0000000	0.00	14.97053	3.28	0.0010089	18.66	0.0000000	0.00	0.875306	0.18	0.0010749	13.23	0.0000000	0.00	72.7542	0.09	0.0101141	3.54	1080.526	0.03	1.59511	18.66	0.0000000	0.00	0.278139	2.66
14D32666	4.6 %		0.0062040	15.43	0.0000000	0.00	0.0034556	3.74	0.0000000	0.00	12.97627	3.74	0.0011595	15.43	0.0000000	0.00	0.768986	0.19	0.0009317	13.35	0.0000000	0.00	63.9170	0.10	0.0087668	3.96	946.187	0.03	1.83329	15.43	0.0000000	0.00	0.244355	2.66
14D32667	4.9 %		0.0055329	17.81	0.0000000	0.00	0.0045010	2.93	0.0000000	0.00	16.90190	2.93	0.0010341	17.81	0.0000000	0.00	0.945113	0.18	0.0012136	13.15	0.0000000	0.00	78.5565	0.09	0.0114189	3.21	1164.589	0.03	1.63497	17.81	0.0000000	0.00	0.300321	2.66
14D32668	5.2 %		0.0050064	18.95	0.0000000	0.00	0.0039916	3.18	0.0000000	0.00	14.98908	3.18	0.0009357	18.95	0.0000000	0.00	0.854792	0.18	0.0010762	13.21	0.0000000	0.00	71.0491	0.09	0.0101266	3.44	1051.542	0.03	1.47938	18.95	0.0000000	0.00	0.271621	2.66
14D32670	5.5 %		0.0114325	9.11	0.0000000	0.00	0.0058779	2.17	0.0000000	0.00	22.07237	2.16	0.0021367	9.11	0.0000000	0.00	1.226734	0.18	0.0015848	13.00	0.0000000	0.00	101.9645	0.08	0.0149121	2.53	1501.134	0.02	3.37832	9.11	0.0000000	0.00	0.389810	2.66
14D32671	5.8 %		0.0089503	10.90	0.0000000	0.00	0.0040714	3.18	0.0000013	601.05	15.28871	3.18	0.0016728	10.90	0.0000000	0.00	0.846496	0.19	0.0010977	13.21	0.0072810	601.05	70.3596	0.09	0.0103291	3.44	1038.862	0.03	2.64480	10.90	0.0000000	0.00	0.268985	2.66
14D32672	6.2 %		0.0067744	14.33	0.0000000	0.00	0.0029406	4.54	0.0000067	126.51	11.04255	4.53	0.0012661	14.33	0.0000000	0.00	0.597334	0.19	0.0007929	13.60	0.0368033	126.52	49.6496	0.11	0.0074603	4.72	730.834	0.04	2.00184	14.33	0.0000000	0.00	0.189810	2.66
14D32674	6.6 %		0.0082578	11.27	0.0000000	0.00	0.0030823	4.08	0.0000055	144.47	11.57470	4.08	0.0015434	11.27	0.0000000	0.00	0.592211	0.19	0.0008311	13.45	0.0302616	144.48	49.2238	0.11	0.0078199	4.29	718.503	0.04	2.44019	11.27	0.0000000	0.00	0.188182	2.66
14D32675	7.0 %		0.0090897	10.52	0.0000000	0.00	0.0038068	3.48	0.0000077	105.96	14.29505	3.47	0.0016989	10.52	0.0000000	0.00	0.671561	0.19	0.0010264	13.28	0.0425241	105.96	55.8193	0.10	0.0096577	3.72	808.555	0.04	2.68600	10.52	0.0000000	0.00	0.213397	2.66
14D32676	7.6 %		0.0085719	11.34	0.0000000	0.00	0.0045570	2.97	0.0000057	136.53	17.11225	2.97	0.0016021	11.34	0.0000000	0.00	0.690280	0.19	0.0012287	13.16	0.0314072	136.54	57.3752	0.10	0.0115610	3.25	827.321	0.04	2.53298	11.34	0.0000000	0.00	0.219345	2.66
14D32678	8.3 %		0.0111002	9.00	0.0000000	0.00	0.0046940	2.86	0.0000001	######	17.62670	2.86	0.0020746	9.00	0.0000000	0.00	0.655516	0.19	0.0012656	13.14	0.0003685	######	54.4856	0.11	0.0119086	3.15	783.186	0.04	3.28011	9.00	0.0000000	0.00	0.208299	2.66
14D32679	9.0 %		0.0121922	8.09	0.0000000	0.00	0.0042941	2.99	0.0000000	0.00	16.12504	2.98	0.0022787	8.09	0.0000000	0.00	0.545529	0.20	0.0011578	13.16	0.0000000	0.00	45.3436	0.12	0.0108941	3.26	653.653	0.05	3.60280	8.09	0.0000000	0.00	0.173349	2.66
14D32680	9.8 %		0.0181205	5.67	0.0000000	0.00	0.0066156	1.91	0.0000067	116.26	24.84273	1.90	0.0033867	5.67	0.0000000	0.00	0.694860	0.19	0.0017837	12.96	0.0371646	116.26	57.7558	0.10	0.0167837	2.32	826.811	0.04	5.35462	5.67	0.0000000	0.00	0.220800	2.66
14D32682	11.0 %		0.0246815	4.12	0.0000000	0.00	0.0070738	1.94	0.0000126	65.98	26.56318	1.93	0.0046130	4.12	0.0000000	0.00	0.652060	0.19	0.0019072	12.96	0.0692239	65.98	54.1983	0.11	0.0179461	2.34	782.280	0.04	7.29337	4.12	0.0000000	0.00	0.207200	2.66
14D32683	13.0 %		0.0348050	2.96	0.0000000	0.00	0.0075588	1.73	0.0000021	376.55	28.38442	1.72	0.0065051	2.96	0.0000000	0.00	0.726921	0.19	0.0020380	12.94	0.0118309	376.55	60.4207	0.10	0.0191765	2.17	883.079	0.04	10.28488	2.96	0.0000000	0.00	0.230988	2.66
14D32684	15.5 %		0.0281890	3.63	0.0000000	0.00	0.0043538	3.04	0.0000047	165.33	16.34935	3.04	0.0052685	3.63	0.0000000	0.00	0.393546	0.22	0.0011739	13.18	0.0260794	165.34	32.7110	0.15	0.0110456	3.32	481.503	0.07	8.32986	3.63	0.0000000	0.00	0.125054	2.66
14D32686	18.5 %		0.0188803	5.33	0.0000000	0.00	0.0027547	4.72	0.0000031	262.11	10.34424	4.72	0.0035287	5.33	0.0000000	0.00	0.184535	0.30	0.0007427	13.66	0.0172231	262.11	15.3383	0.26	0.0069886	4.90	228.220	0.14	5.57913	5.33	0.0000000	0.00	0.058638	2.67
14D32687	21.5 %		0.0179799	5.50	0.0000000	0.00	0.0021630	5.87	0.0000000	0.00	8.12224	5.87	0.0033604	5.50	0.0000000	0.00	0.144476	0.37	0.0005832	14.10	0.0000000	0.00	12.0086	0.33	0.0054874	6.02	174.812	0.18	5.31307	5.50	0.0000000	0.00	0.045909	2.68
14D32689	24.5 %		0.0315991	3.18	0.0000000	0.00	0.0031895	3.97	0.0000058	139.98	11.97711	3.97	0.0059059	3.18	0.0000000	0.00	0.181149	0.31	0.0008600	13.42	0.0320020	139.99	15.0568	0.27	0.0080917	4.19	220.728	0.14	9.33753	3.18	0.0000000	0.00	0.057562	2.67
Σ			0.5230598	1.18	0.0000000	0.00	0.2089769	0.38	0.0000928	40.06	784.74243	0.38	0.0977599	1.18	0.0000000	0.00	38.906364	0.03	0.0563445	2.29	0.5121981	40.07	3233.8429	0.02	0.5301720	0.44	47948.794	0.00	154.56418	1.18	0.0000000	0.00	12.362981	0.49
Σ									0.7321296	0.85	784.74243	0.38									39.572667	0.52			3234.3731	0.02							48115.721	0.01

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
14D32640	1.8 %		15.165873	0.011967	0.194721	0.003599	0.000420	0.000009	111.353	9.042374	1.00078690	9.870E-11
14D32642	1.9 %		15.094037	0.011927	0.200982	0.003533	0.000286	0.000008	111.370	9.045351	1.00078702	9.579E-11
14D32643	2.0 %		15.051870	0.011300	0.202514	0.002673	0.000226	0.000006	111.379	9.046964	1.00078708	1.408E-10
14D32644	2.1 %		15.015769	0.011374	0.204562	0.003153	0.000189	0.000007	111.388	9.048454	1.00078714	1.154E-10
14D32646	2.2 %		14.989275	0.013026	0.202039	0.005588	0.000151	0.000011	111.405	9.051557	1.00078726	6.135E-11
14D32647	2.3 %		14.948252	0.012138	0.208656	0.004545	0.000159	0.000009	111.414	9.053171	1.00078733	7.780E-11
14D32648	2.4 %		14.946778	0.013501	0.210943	0.005805	0.000154	0.000012	111.422	9.054662	1.00078739	5.901E-11
14D32650	2.5 %		14.925265	0.011294	0.217734	0.003064	0.000141	0.000006	111.440	9.057767	1.00078751	1.176E-10
14D32651	2.6 %	✓	14.892222	0.011485	0.225864	0.003460	0.000112	0.000007	111.448	9.059258	1.00078757	1.010E-10
14D32652	2.7 %	✓	14.897007	0.011319	0.222980	0.003133	0.000130	0.000007	111.457	9.060874	1.00078763	1.146E-10
14D32654	2.8 %	✓	14.892529	0.011522	0.230468	0.003439	0.000110	0.000007	111.474	9.063981	1.00078775	9.853E-11
14D32655	2.9 %	✓	14.881256	0.011549	0.228846	0.003449	0.000116	0.000007	111.483	9.065473	1.00078781	9.972E-11
14D32656	3.0 %	✓	14.858542	0.012110	0.219896	0.004298	0.000120	0.000009	111.492	9.067090	1.00078788	8.215E-11
14D32658	3.2 %	✓	14.873551	0.013007	0.220829	0.005773	0.000125	0.000011	111.508	9.070075	1.00078800	6.126E-11
14D32659	3.4 %	✓	14.866346	0.012210	0.213676	0.004569	0.000142	0.000009	111.517	9.071693	1.00078806	7.490E-11
14D32660	3.6 %	✓	14.875448	0.011757	0.215216	0.003556	0.000122	0.000008	111.526	9.073186	1.00078812	9.687E-11
14D32662	3.8 %	✓	14.852605	0.013913	0.214406	0.007100	0.000141	0.000013	111.543	9.076298	1.00078824	4.961E-11
14D32663	4.0 %	✓	14.894462	0.015058	0.203909	0.007623	0.000121	0.000015	111.552	9.077917	1.00078830	4.513E-11
14D32664	4.3 %	✓	14.875400	0.013833	0.205740	0.006761	0.000129	0.000014	111.560	9.079411	1.00078836	5.196E-11
14D32666	4.6 %		14.833832	0.014426	0.202989	0.007591	0.000151	0.000015	111.578	9.082525	1.00078849	4.552E-11
14D32667	4.9 %		14.847338	0.013499	0.215125	0.006305	0.000128	0.000012	111.586	9.084020	1.00078854	5.599E-11
14D32668	5.2 %		14.822750	0.013843	0.210938	0.006711	0.000127	0.000013	111.595	9.085640	1.00078861	5.056E-11
14D32670	5.5 %		14.756931	0.012297	0.216440	0.004682	0.000170	0.000010	111.613	9.088756	1.00078873	7.224E-11
14D32671	5.8 %		14.804280	0.013973	0.217262	0.006913	0.000185	0.000014	111.621	9.090252	1.00078879	5.001E-11
14D32672	6.2 %		14.761751	0.016240	0.222376	0.010082	0.000196	0.000019	111.629	9.091749	1.00078885	3.519E-11
14D32674	6.6 %		14.647746	0.016219	0.235107	0.009593	0.000230	0.000019	111.647	9.094867	1.00078897	3.461E-11
14D32675	7.0 %		14.534655	0.014661	0.256051	0.008901	0.000231	0.000017	111.656	9.096489	1.00078903	3.895E-11
14D32676	7.6 %		14.464555	0.014514	0.298192	0.008852	0.000229	0.000017	111.664	9.097986	1.00078909	3.984E-11
14D32678	8.3 %		14.435040	0.015325	0.323440	0.009257	0.000290	0.000018	111.681	9.101107	1.00078922	3.776E-11
14D32679	9.0 %		14.495351	0.016984	0.355533	0.010614	0.000363	0.000022	111.690	9.102605	1.00078927	3.156E-11
14D32680	9.8 %		14.407989	0.014832	0.430009	0.008198	0.000428	0.000018	111.699	9.104228	1.00078934	3.995E-11
14D32682	11.0 %		14.567226	0.015741	0.489949	0.009473	0.000586	0.000019	111.716	9.107351	1.00078946	3.791E-11
14D32683	13.0 %		14.784849	0.014534	0.469631	0.008103	0.000701	0.000017	111.724	9.108850	1.00078952	4.289E-11
14D32684	15.5 %		14.973320	0.022536	0.499643	0.015213	0.000995	0.000031	111.733	9.110349	1.00078958	2.352E-11
14D32686	18.5 %		15.239716	0.039852	0.674099	0.031848	0.001410	0.000065	111.750	9.113474	1.00078970	1.123E-11
14D32687	21.5 %		14.996589	0.050269	0.676058	0.039741	0.001677	0.000082	111.759	9.115099	1.00078977	8.648E-12
14D32689	24.5 %		15.275425	0.041288	0.795033	0.031651	0.002310	0.000066	111.776	9.118226	1.00078989	1.105E-11

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
14D32640	1.8 %	0.0239870 ± 0.0007310	0.0242044 ± 0.0367889	0.0386419 ± 0.0310241	0.0548421 ± 0.0287921	7.1213582 ± 0.1009164
14D32642	1.9 %	0.0242201 ± 0.0007310	0.0069439 ± 0.0367889	0.0679115 ± 0.0310241	0.0541320 ± 0.0287921	7.1056629 ± 0.1009164
14D32643	2.0 %	0.0242848 ± 0.0007310	0.0006744 ± 0.0367889	0.0796695 ± 0.0310241	0.0524222 ± 0.0287921	7.0934448 ± 0.1009164
14D32644	2.1 %	0.0243120 ± 0.0007310	0.0067430 ± 0.0367889	0.0882946 ± 0.0310241	0.0502065 ± 0.0287921	7.0803493 ± 0.1009164
14D32646	2.2 %	0.0242848 ± 0.0007310	0.0167598 ± 0.0367889	0.1003527 ± 0.0310241	0.0441692 ± 0.0287921	7.0489287 ± 0.1009164
14D32647	2.3 %	0.0242343 ± 0.0007310	0.0207410 ± 0.0367889	0.1039490 ± 0.0310241	0.0405381 ± 0.0287921	7.0311124 ± 0.1009164
14D32648	2.4 %	0.0241704 ± 0.0007310	0.0237711 ± 0.0367889	0.1059199 ± 0.0310241	0.0370361 ± 0.0287921	7.0141842 ± 0.1009164
14D32650	2.5 %	0.0239974 ± 0.0007310	0.0283860 ± 0.0367889	0.1066480 ± 0.0310241	0.0296835 ± 0.0287921	6.9785972 ± 0.1009164
14D32651	2.6 %	0.0239011 ± 0.0007310	0.0299144 ± 0.0367889	0.1057171 ± 0.0310241	0.0262978 ± 0.0287921	6.9618678 ± 0.1009164
14D32652	2.7 %	0.0237911 ± 0.0007310	0.0311575 ± 0.0367889	0.1040066 ± 0.0310241	0.0228478 ± 0.0287921	6.9443477 ± 0.1009164
14D32654	2.8 %	0.0235735 ± 0.0007310	0.0325835 ± 0.0367889	0.0992834 ± 0.0310241	0.0171255 ± 0.0287921	6.9133141 ± 0.1009164
14D32655	2.9 %	0.0234706 ± 0.0007310	0.0329219 ± 0.0367889	0.0966082 ± 0.0310241	0.0149137 ± 0.0287921	6.9000347 ± 0.1009164
14D32656	3.0 %	0.0233633 ± 0.0007310	0.0331058 ± 0.0367889	0.0935835 ± 0.0310241	0.0129733 ± 0.0287921	6.8870732 ± 0.1009164
14D32658	3.2 %	0.0231827 ± 0.0007310	0.0331160 ± 0.0367889	0.0880515 ± 0.0310241	0.0107600 ± 0.0287921	6.8675776 ± 0.1009164
14D32659	3.4 %	0.0230976 ± 0.0007310	0.0330283 ± 0.0367889	0.0852743 ± 0.0310241	0.0103487 ± 0.0287921	6.8596703 ± 0.1009164
14D32660	3.6 %	0.0230285 ± 0.0007310	0.0329358 ± 0.0367889	0.0829466 ± 0.0310241	0.0104748 ± 0.0287921	6.8541502 ± 0.1009164
14D32662	3.8 %	0.0229176 ± 0.0007310	0.0328336 ± 0.0367889	0.0790694 ± 0.0310241	0.0122924 ± 0.0287921	6.8484159 ± 0.1009164
14D32663	4.0 %	0.0228790 ± 0.0007310	0.0328871 ± 0.0367889	0.0776732 ± 0.0310241	0.0140418 ± 0.0287921	6.8486136 ± 0.1009164
14D32664	4.3 %	0.0228555 ± 0.0007310	0.0330310 ± 0.0367889	0.0768040 ± 0.0310241	0.0161155 ± 0.0287921	6.8507577 ± 0.1009164
14D32666	4.6 %	0.0228447 ± 0.0007310	0.0336935 ± 0.0367889	0.0763523 ± 0.0310241	0.0217075 ± 0.0287921	6.8612567 ± 0.1009164
14D32667	4.9 %	0.0228575 ± 0.0007310	0.0342113 ± 0.0367889	0.0767925 ± 0.0310241	0.0249147 ± 0.0287921	6.8691406 ± 0.1009164
14D32668	5.2 %	0.0228840 ± 0.0007310	0.0349314 ± 0.0367889	0.0777341 ± 0.0310241	0.0286917 ± 0.0287921	6.8796929 ± 0.1009164
14D32670	5.5 %	0.0229691 ± 0.0007310	0.0367990 ± 0.0367889	0.0807869 ± 0.0310241	0.0365517 ± 0.0287921	6.9055445 ± 0.1009164
14D32671	5.8 %	0.0230240 ± 0.0007310	0.0379208 ± 0.0367889	0.0827515 ± 0.0310241	0.0404482 ± 0.0287921	6.9203569 ± 0.1009164
14D32672	6.2 %	0.0230868 ± 0.0007310	0.0391836 ± 0.0367889	0.0849715 ± 0.0310241	0.0443133 ± 0.0287921	6.9365770 ± 0.1009164
14D32674	6.6 %	0.0232364 ± 0.0007310	0.0422299 ± 0.0367889	0.0901308 ± 0.0310241	0.0518563 ± 0.0287921	6.9742947 ± 0.1009164
14D32675	7.0 %	0.0233205 ± 0.0007310	0.0440067 ± 0.0367889	0.0929138 ± 0.0310241	0.0552611 ± 0.0287921	6.9956312 ± 0.1009164
14D32676	7.6 %	0.0233995 ± 0.0007310	0.0457406 ± 0.0367889	0.0954129 ± 0.0310241	0.0579268 ± 0.0287921	7.0161163 ± 0.1009164
14D32678	8.3 %	0.0235588 ± 0.0007310	0.0495494 ± 0.0367889	0.0999340 ± 0.0310241	0.0614547 ± 0.0287921	7.0603260 ± 0.1009164
14D32679	9.0 %	0.0236279 ± 0.0007310	0.0514206 ± 0.0367889	0.1015277 ± 0.0310241	0.0618950 ± 0.0287921	7.0818141 ± 0.1009164
14D32680	9.8 %	0.0236935 ± 0.0007310	0.0534347 ± 0.0367889	0.1026281 ± 0.0310241	0.0612300 ± 0.0287921	7.1049066 ± 0.1009164
14D32682	11.0 %	0.0237795 ± 0.0007310	0.0571190 ± 0.0367889	0.1022473 ± 0.0310241	0.0559028 ± 0.0287921	7.1475392 ± 0.1009164
14D32683	13.0 %	0.0237955 ± 0.0007310	0.0587203 ± 0.0367889	0.1005593 ± 0.0310241	0.0511014 ± 0.0287921	7.1665530 ± 0.1009164
14D32684	15.5 %	0.0237908 ± 0.0007310	0.0601580 ± 0.0367889	0.0976629 ± 0.0310241	0.0446070 ± 0.0287921	7.1842042 ± 0.1009164
14D32686	18.5 %	0.0236990 ± 0.0007310	0.0624300 ± 0.0367889	0.0869374 ± 0.0310241	0.0248281 ± 0.0287921	7.2151378 ± 0.1009164
14D32687	21.5 %	0.0235984 ± 0.0007310	0.0631087 ± 0.0367889	0.0783834 ± 0.0310241	0.0107408 ± 0.0287921	7.2272575 ± 0.1009164
14D32689	24.5 %	0.0232804 ± 0.0007310	0.0631375 ± 0.0367889	0.0549793 ± 0.0310241	0.0248559 ± 0.0287921	7.2407420 ± 0.1009164

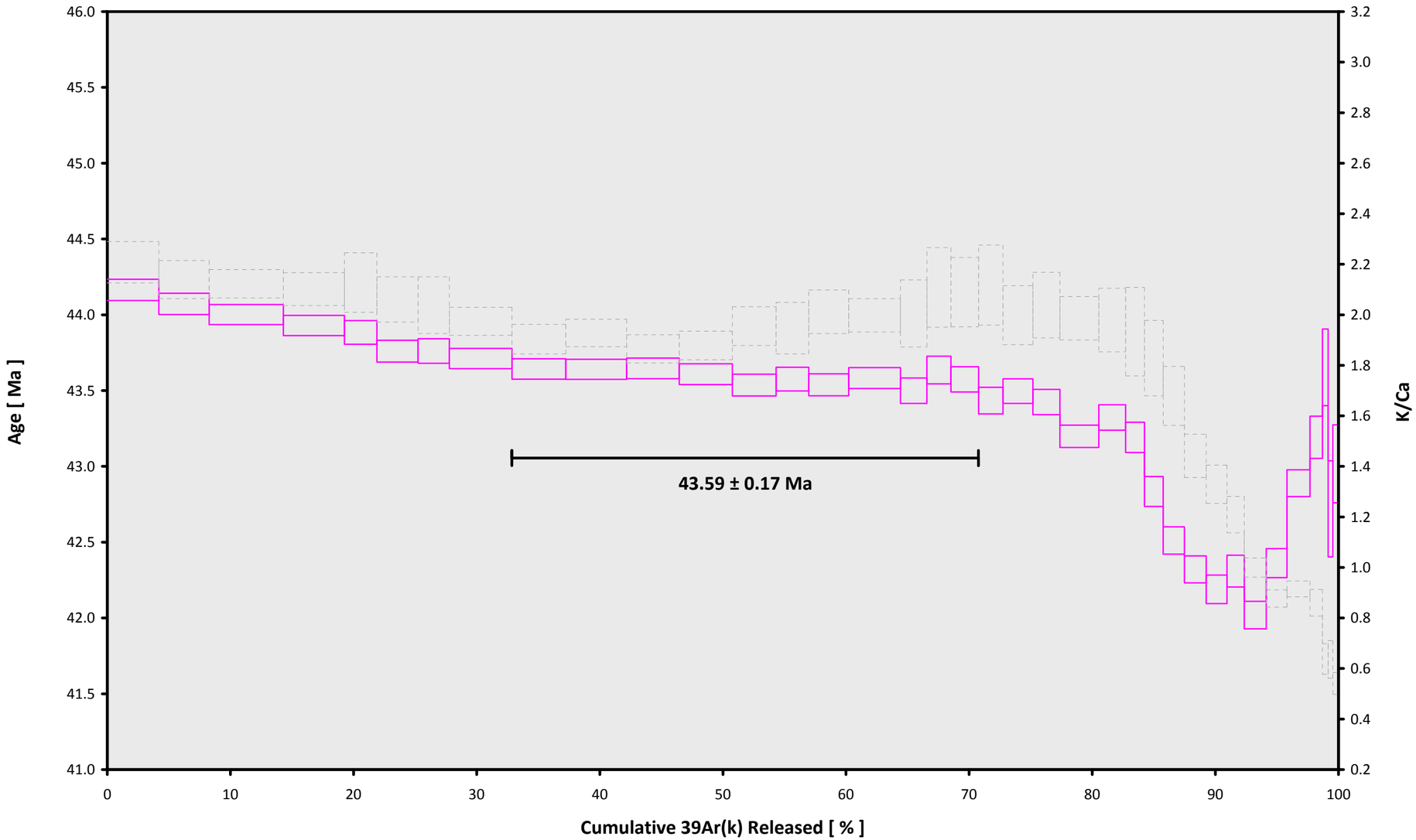
Intercept Values		36Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	37Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	38Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	39Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	40Ar ± 1σ (SE) [fA]	r2	Regression (type,n)
14D32640	1.8 %	0.0781567 ± 0.0008199	0.9315	EXP 150 of 150	2.8847319 ± 0.0363001	0.0885	EXP 150 of 150	1.5013254 ± 0.0278782	0.0544	EXP 150 of 150	134.616699 ± 0.037563	0.9982	EXP 150 of 150	2069.02597 ± 0.10989	0.9999	EXP 150 of 150
14D32642	1.9 %	0.0602068 ± 0.0006750	0.9408	EXP 150 of 150	2.8850699 ± 0.0328903	0.1528	EXP 150 of 150	1.4266425 ± 0.0293166	0.0428	EXP 150 of 150	131.269399 ± 0.036378	0.9982	EXP 150 of 150	2008.20664 ± 0.11328	0.9999	EXP 150 of 150
14D32643	2.0 %	0.0662231 ± 0.0008064	0.9517	EXP 150 of 150	4.2742668 ± 0.0394254	0.2026	EXP 150 of 150	2.1589782 ± 0.0290975	0.1133	EXP 150 of 150	193.509322 ± 0.040570	0.9990	EXP 150 of 150	2949.16983 ± 0.15007	0.9999	EXP 150 of 150
14D32644	2.1 %	0.0531453 ± 0.0006929	0.9546	EXP 150 of 150	3.5387411 ± 0.0379921	0.1977	EXP 150 of 150	1.8064748 ± 0.0318188	0.0991	EXP 150 of 150	158.916246 ± 0.032855	0.9990	EXP 150 of 150	2417.30723 ± 0.12684	0.9999	EXP 150 of 150
14D32646	2.2 %	0.0365732 ± 0.0005427	0.9328	EXP 150 of 150	1.8480299 ± 0.0354114	0.0543	EXP 149 of 150	0.9055622 ± 0.0310553	0.0243	EXP 149 of 150	84.674358 ± 0.031171	0.9968	EXP 150 of 150	1288.74564 ± 0.07994	0.9998	EXP 150 of 150
14D32647	2.3 %	0.0406285 ± 0.0005720	0.9428	EXP 150 of 150	2.4277477 ± 0.0374178	0.1621	EXP 150 of 150	1.1647460 ± 0.0310125	0.0484	EXP 150 of 150	107.655894 ± 0.031609	0.9980	EXP 150 of 150	1632.37032 ± 0.10217	0.9998	EXP 150 of 150
14D32648	2.4 %	0.0361904 ± 0.0005567	0.9271	EXP 149 of 150	1.8534065 ± 0.0355137	0.0724	EXP 150 of 150	0.9062194 ± 0.0295541	0.0458	EXP 150 of 150	81.661360 ± 0.035297	0.9956	EXP 150 of 150	1239.68347 ± 0.07913	0.9998	EXP 150 of 150
14D32650	2.5 %	0.0459922 ± 0.0006666	0.9593	EXP 150 of 150	3.8373238 ± 0.0371624	0.2920	EXP 150 of 150	1.8627863 ± 0.0322984	0.1086	EXP 150 of 150	162.933379 ± 0.033779	0.9990	EXP 150 of 150	2463.56710 ± 0.13540	0.9999	EXP 150 of 150
14D32651	**2.6 %**	**0.0389464 ± 0.0006737**	**0.9489**	**EXP 150 of 150**	**3.4216202 ± 0.0355378**	**0.3200**	**EXP 149 of 150**	**1.5452633 ± 0.0296396**	**0.0524**	**EXP 150 of 150**	**140.264082 ± 0.032602**	**0.9988**	**EXP 150 of 150**	**2117.06656 ± 0.10693**	**0.9999**	**EXP 150 of 150**
14D32652	**2.7 %**	**0.0436418 ± 0.0006747**	**0.9557**	**EXP 150 of 150**	**3.8313929 ± 0.0369828**	**0.2804**	**EXP 150 of 150**	**1.8247328 ± 0.0304733**	**0.1102**	**EXP 150 of 150**	**159.018228 ± 0.034386**	**0.9989**	**EXP 150 of 150**	**2400.05632 ± 0.11589**	**0.9999**	**EXP 150 of 150**
14D32654	**2.8 %**	**0.0379690 ± 0.0006172**	**0.9542**	**EXP 150 of 150**	**3.4012014 ± 0.0330791**	**0.3283**	**EXP 148 of 150**	**1.5585629 ± 0.0311235**	**0.0911**	**EXP 150 of 150**	**136.817608 ± 0.032226**	**0.9987**	**EXP 150 of 150**	**2065.34105 ± 0.10775**	**0.9999**	**EXP 150 of 150**
14D32655	**2.9 %**	**0.0388710 ± 0.0006575**	**0.9519**	**EXP 150 of 150**	**3.4197484 ± 0.0342684**	**0.3184**	**EXP 150 of 150**	**1.5882028 ± 0.0289925**	**0.1592**	**EXP 150 of 150**	**138.565776 ± 0.033892**	**0.9986**	**EXP 150 of 150**	**2090.08762 ± 0.11965**	**0.9998**	**EXP 150 of 150**
14D32656	**3.0 %**	**0.0364970 ± 0.0006614**	**0.9315**	**EXP 150 of 150**	**2.7038276 ± 0.0373496**	**0.1004**	**EXP 150 of 150**	**1.2985950 ± 0.0324906**	**0.0840**	**EXP 150 of 150**	**114.332893 ± 0.036082**	**0.9977**	**EXP 150 of 150**	**1723.12575 ± 0.11010**	**0.9998**	**EXP 150 of 150**
14D32658	**3.2 %**	**0.0334066 ± 0.0005857**	**0.9177**	**EXP 149 of 150**	**2.0138314 ± 0.0380318**	**0.0679**	**EXP 150 of 150**	**0.9385589 ± 0.0359388**	**0.0131**	**EXP 150 of 150**	**85.177256 ± 0.032594**	**0.9966**	**EXP 150 of 150**	**1286.72942 ± 0.08266**	**0.9998**	**EXP 150 of 150**
14D32659	**3.4 %**	**0.0373341 ± 0.0005930**	**0.9357**	**EXP 149 of 150**	**2.3891916 ± 0.0352147**	**0.1272**	**EXP 149 of 150**	**1.0929336 ± 0.0314331**	**0.0211**	**EXP 150 of 150**	**104.182640 ± 0.032391**	**0.9977**	**EXP 150 of 150**	**1571.57783 ± 0.09433**	**0.9998**	**EXP 150 of 150**
14D32660	**3.6 %**	**0.0387708 ± 0.0006582**	**0.9447**	**EXP 150 of 150**	**3.1200183 ± 0.0347817**	**0.1643**	**EXP 150 of 150**	**1.5255638 ± 0.0312525**	**0.0724**	**EXP 150 of 150**	**134.661548 ± 0.037963**	**0.9981**	**EXP 150 of 150**	**2030.61679 ± 0.11710**	**0.9998**	**EXP 150 of 150**
14D32662	**3.8 %**	**0.0322574 ± 0.0005094**	**0.9192**	**EXP 149 of 150**	**1.5777801 ± 0.0380953**	**0.0883**	**EXP 150 of 150**	**0.7582162 ± 0.0330561**	**0.0281**	**EXP 150 of 150**	**69.079265 ± 0.030549**	**0.9954**	**EXP 150 of 150**	**1043.30901 ± 0.07252**	**0.9997**	**EXP 150 of 150**
14D32663	**4.0 %**	**0.0301558 ± 0.0005360**	**0.9004**	**EXP 150 of 150**	**1.3562223 ± 0.0362455**	**0.0454**	**EXP 150 of 150**	**0.6868438 ± 0.0306913**	**0.0441**	**EXP 150 of 150**	**62.659827 ± 0.034250**	**0.9929**	**EXP 150 of 150**	**949.59845 ± 0.07774**	**0.9996**	**EXP 150 of 150**
14D32664	**4.3 %**	**0.0317898 ± 0.0006072**	**0.8983**	**EXP 150 of 150**	**1.5824013 ± 0.0377423**	**0.0402**	**EXP 150 of 150**	**0.7653466 ± 0.0331570**	**0.0188**	**EXP 150 of 150**	**72.232286 ± 0.032077**	**0.9953**	**EXP 150 of 150**	**1092.23350 ± 0.08580**	**0.9996**	**EXP 150 of 150**
14D32666	4.6 %	0.0320406 ± 0.0005298	0.9003	EXP 150 of 150	1.3660628 ± 0.0368270	0.0164	EXP 150 of 150	0.6754935 ± 0.0280581	0.0210	EXP 150 of 150	63.465906 ± 0.030283	0.9946	EXP 150 of 150	957.73998 ± 0.07958	0.9996	EXP 150 of 150
14D32667	4.9 %	0.0324097 ± 0.0005735	0.9079	EXP 150 of 150	1.7887048 ± 0.0380798	0.1350	EXP 150 of 150	0.8207000 ± 0.0306701	0.0264	EXP 150 of 150	78.000864 ± 0.033352	0.9957	EXP 150 of 150	1176.60861 ± 0.09268	0.9997	EXP 150 of 150
14D32668	5.2 %	0.0314501 ± 0.0005161	0.9149	EXP 150 of 150	1.5813935 ± 0.0353609	0.0380	EXP 150 of 150	0.7173258 ± 0.0305521	0.0001	EXP 150 of 150	70.552569 ± 0.031241	0.9953	EXP 150 of 150	1063.07659 ± 0.08530	0.9996	EXP 150 of 150
14D32670	5.5 %	0.0394486 ± 0.0006579	0.9169	EXP 150 of 150	2.3425257 ± 0.0347827	0.0827	EXP 150 of 150	1.1232332 ± 0.0311718	0.0242	EXP 150 of 150	101.247586 ± 0.033853	0.9974	EXP 150 of 150	1515.95639 ± 0.08930	0.9998	EXP 150 of 150
14D32671	5.8 %	0.0354219 ± 0.0005577	0.8928	EXP 150 of 150	1.6098778 ± 0.0367952	0.0235	EXP 150 of 150	0.7622103 ± 0.0299524	0.0285	EXP 150 of 150	69.880195 ± 0.032161	0.9950	EXP 150 of 150	1051.56823 ± 0.08006	0.9997	EXP 150 of 150
14D32672	6.2 %	0.0323418 ± 0.0005507	0.8691	EXP 150 of 150	1.1507737 ± 0.0391814	0.0211	EXP 150 of 150	0.5426197 ± 0.0338352	0.0151	EXP 150 of 150	49.327252 ± 0.029100	0.9915	EXP 150 of 150	741.98253 ± 0.06481	0.9995	EXP 150 of 150
14D32674	6.6 %	0.0340374 ± 0.0004845	0.8861	EXP 150 of 150	1.2046439 ± 0.0347938	0.0267	EXP 150 of 150	0.5262645 ± 0.0299211	0.0397	EXP 150 of 150	48.912515 ± 0.029199	0.9911	EXP 150 of 150	730.09397 ± 0.06663	0.9995	EXP 150 of 150
14D32675	7.0 %	0.0356053 ± 0.0005265	0.8842	EXP 150 of 150	1.4956405 ± 0.0383989	0.0227	EXP 150 of 150	0.6142011 ± 0.0317862	0.0434	EXP 150 of 150	55.463536 ± 0.026653	0.9945	EXP 150 of 150	820.68651 ± 0.06777	0.9996	EXP 150 of 150
14D32676	7.6 %	0.0359036 ± 0.0005519	0.8736	EXP 150 of 150	1.7970293 ± 0.0398311	0.0614	EXP 150 of 150	0.6193053 ± 0.0287057	0.0064	EXP 150 of 150	57.012259 ± 0.027682	0.9945	EXP 150 of 150	839.37758 ± 0.06827	0.9996	EXP 150 of 150
14D32678	8.3 %	0.0385950 ± 0.0005928	0.8123	EXP 150 of 150	1.8479698 ± 0.0392385	0.0465	EXP 150 of 150	0.5503742 ± 0.0332966	0.0000	EXP 149 of 150	54.148359 ± 0.030876	0.9924	EXP 150 of 150	795.90280 ± 0.06955	0.9995	EXP 150 of 150
14D32679	9.0 %	0.0393229 ± 0.0005752	0.7965	EXP 150 of 150	1.6841585 ± 0.0358217	0.0398	EXP 150 of 150	0.4361055 ± 0.0304543	0.0002	EXP 150 of 150	45.074668 ± 0.029758	0.9891	EXP 150 of 150	666.32355 ± 0.06441	0.9994	EXP 150 of 150
14D32680	9.8 %	0.0472487 ± 0.0006346	0.8286	EXP 150 of 150	2.6199743 ± 0.0336585	0.1443	EXP 150 of 150	0.6245955 ± 0.0291727	0.0194	EXP 149 of 150	57.398524 ± 0.030985	0.9931	EXP 150 of 150	841.78638 ± 0.07102	0.9996	EXP 150 of 150
14D32682	11.0 %	0.0540224 ± 0.0006165	0.7811	EXP 150 of 150	2.8004533 ± 0.0396328	0.2382	EXP 150 of 150	0.6157118 ± 0.0326202	0.0356	EXP 150 of 150	53.863625 ± 0.032437	0.9914	EXP 150 of 150	799.10477 ± 0.07082	0.9995	EXP 150 of 150
14D32683	13.0 %	0.0641279 ± 0.0006321	0.8028	EXP 150 of 150	2.9942724 ± 0.0357335	0.1542	EXP 150 of 150	0.6366278 ± 0.0310749	0.0009	EXP 150 of 150	60.035568 ± 0.028138	0.9947	EXP 150 of 150	903.22428 ± 0.08789	0.9995	EXP 150 of 150
14D32684	15.5 %	0.0547762 ± 0.0006270	0.6770	EXP 150 of 150	1.6980686 ± 0.0382180	0.1106	EXP 150 of 150	0.3226421 ± 0.0290762	0.0091	EXP 150 of 150	32.520123 ± 0.031335	0.9770	EXP 150 of 150	498.49294 ± 0.05482	0.9991	EXP 150 of 150
14D32686	18.5 %	0.0442985 ± 0.0006050	0.5635	EXP 150 of 150	1.0496189 ± 0.0371591	0.0126	EXP 150 of 150	0.1163053 ± 0.0319389	0.0064	EXP 150 of 150	15.254488 ± 0.024328	0.9394	EXP 149 of 150	241.71763 ± 0.04304	0.9948	EXP 150 of 150
14D32687	21.5 %	0.0427745 ± 0.0005770	0.5608	EXP 150 of 150	0.8099097 ± 0.0355087	0.0019	EXP 150 of 150	0.0435127 ± 0.0327133	0.0125	EXP 150 of 150	11.934328 ± 0.025433	0.8827	EXP 150 of 150	187.89467 ± 0.04049	0.9856	EXP 150 of 150
14D32689	24.5 %	0.0564047 ± 0.0005958	0.4174	EXP 150 of 150	1.2237812 ± 0.0351502	0.1368	EXP 150 of 150	0.1619626 ± 0.0314604	0.0173	EXP 150 of 150	14.926551 ± 0.025350	0.9336	EXP 150 of 150	237.99824 ± 0.04480	0.9946	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
14D32640	1.8 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32642	1.9 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32643	2.0 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32644	2.1 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32646	2.2 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32647	2.3 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32648	2.4 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32650	2.5 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32651	2.6 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32652	2.7 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32654	2.8 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32655	2.9 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32656	3.0 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32658	3.2 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32659	3.4 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32660	3.6 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32662	3.8 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32663	4.0 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32664	4.3 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32666	4.6 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32667	4.9 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32668	5.2 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32670	5.5 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32671	5.8 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32672	6.2 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32674	6.6 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32675	7.0 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32676	7.6 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32678	8.3 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32679	9.0 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32680	9.8 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32682	11.0 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32683	13.0 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32684	15.5 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32686	18.5 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32687	21.5 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	01
14D32689	24.5 %	Susan Schnur	14-OSU-04	0.00	0.00	34.56	Walvis Ridge\MV1203 (13-INT-04)	14D32639	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
14D32640	1.8 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	0	29	1
14D32642	1.9 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	0	53	1
14D32643	2.0 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	1	6	1
14D32644	2.1 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	1	18	1
14D32646	2.2 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	1	43	1
14D32647	2.3 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	1	56	1
14D32648	2.4 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	2	8	1
14D32650	2.5 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	2	33	1
14D32651	2.6 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	2	45	1
14D32652	2.7 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	2	58	1
14D32654	2.8 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	3	23	1
14D32655	2.9 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	3	35	1
14D32656	3.0 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	3	48	1
14D32658	3.2 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	4	12	1
14D32659	3.4 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	4	25	1
14D32660	3.6 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	4	37	1
14D32662	3.8 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	5	2	1
14D32663	4.0 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	5	15	1
14D32664	4.3 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	5	27	1
14D32666	4.6 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	5	52	1
14D32667	4.9 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	6	4	1
14D32668	5.2 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	6	17	1
14D32670	5.5 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	6	42	1
14D32671	5.8 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	6	54	1
14D32672	6.2 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	7	6	1
14D32674	6.6 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	7	31	1
14D32675	7.0 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	7	44	1
14D32676	7.6 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	7	56	1
14D32678	8.3 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	8	21	1
14D32679	9.0 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	8	33	1
14D32680	9.8 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	8	46	1
14D32682	11.0 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	9	11	1
14D32683	13.0 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	9	23	1
14D32684	15.5 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	9	35	1
14D32686	18.5 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	10	0	1
14D32687	21.5 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	10	13	1
14D32689	24.5 %	MV1203-D58-16	Groundmass	Wanderer Guyot	FCT-NM (4B22-14)	28.201	0.082	Kuiper et al (2008)	9.5711	0.2	0.00164217	0.200	303.707	0.162	0.99323558	0.070	1	4.8E-14	26	NOV	2014	10	38	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
14D32640	1.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D32642	1.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D32643	2.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D32644	2.1 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D32646	2.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D32647	2.3 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D32648	2.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D32650	2.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D32651	**2.6 %**	**295.5**	**0**	**0.018**	**35**	**0.1869**	**0**	**1.493**	**3**	**0.0006756**	**1.32**	**0.0000718**	**12.82**	**0.0002663**	**0.15**	**0.003823**	**2.66**	**0.012031**	**0.16**	**0**	**0**	**0.43**	**0**	**0**	**0**	**0**	**0**
14D32652	**2.7 %**	**295.5**	**0**	**0.018**	**35**	**0.1869**	**0**	**1.493**	**3**	**0.0006756**	**1.32**	**0.0000718**	**12.82**	**0.0002663**	**0.15**	**0.003823**	**2.66**	**0.012031**	**0.16**	**0**	**0**	**0.43**	**0**	**0**	**0**	**0**	**0**
14D32654	**2.8 %**	**295.5**	**0**	**0.018**	**35**	**0.1869**	**0**	**1.493**	**3**	**0.0006756**	**1.32**	**0.0000718**	**12.82**	**0.0002663**	**0.15**	**0.003823**	**2.66**	**0.012031**	**0.16**	**0**	**0**	**0.43**	**0**	**0**	**0**	**0**	**0**
14D32655	**2.9 %**	**295.5**	**0**	**0.018**	**35**	**0.1869**	**0**	**1.493**	**3**	**0.0006756**	**1.32**	**0.0000718**	**12.82**	**0.0002663**	**0.15**	**0.003823**	**2.66**	**0.012031**	**0.16**	**0**	**0**	**0.43**	**0**	**0**	**0**	**0**	**0**
14D32656	**3.0 %**	**295.5**	**0**	**0.018**	**35**	**0.1869**	**0**	**1.493**	**3**	**0.0006756**	**1.32**	**0.0000718**	**12.82**	**0.0002663**	**0.15**	**0.003823**	**2.66**	**0.012031**	**0.16**	**0**	**0**	**0.43**	**0**	**0**	**0**	**0**	**0**
14D32658	**3.2 %**	**295.5**	**0**	**0.018**	**35**	**0.1869**	**0**	**1.493**	**3**	**0.0006756**	**1.32**	**0.0000718**	**12.82**	**0.0002663**	**0.15**	**0.003823**	**2.66**	**0.012031**	**0.16**	**0**	**0**	**0.43**	**0**	**0**	**0**	**0**	**0**
14D32659	**3.4 %**	**295.5**	**0**	**0.018**	**35**	**0.1869**	**0**	**1.493**	**3**	**0.0006756**	**1.32**	**0.0000718**	**12.82**	**0.0002663**	**0.15**	**0.003823**	**2.66**	**0.012031**	**0.16**	**0**	**0**	**0.43**	**0**	**0**	**0**	**0**	**0**
14D32660	**3.6 %**	**295.5**	**0**	**0.018**	**35**	**0.1869**	**0**	**1.493**	**3**	**0.0006756**	**1.32**	**0.0000718**	**12.82**	**0.0002663**	**0.15**	**0.003823**	**2.66**	**0.012031**	**0.16**	**0**	**0**	**0.43**	**0**	**0**	**0**	**0**	**0**
14D32662	**3.8 %**	**295.5**	**0**	**0.018**	**35**	**0.1869**	**0**	**1.493**	**3**	**0.0006756**	**1.32**	**0.0000718**	**12.82**	**0.0002663**	**0.15**	**0.003823**	**2.66**	**0.012031**	**0.16**	**0**	**0**	**0.43**	**0**	**0**	**0**	**0**	**0**
14D32663	**4.0 %**	**295.5**	**0**	**0.018**	**35**	**0.1869**	**0**	**1.493**	**3**	**0.0006756**	**1.32**	**0.0000718**	**12.82**	**0.0002663**	**0.15**	**0.003823**	**2.66**	**0.012031**	**0.16**	**0**	**0**	**0.43**	**0**	**0**	**0**	**0**	**0**
14D32664	**4.3 %**	**295.5**	**0**	**0.018**	**35**	**0.1869**	**0**	**1.493**	**3**	**0.0006756**	**1.32**	**0.0000718**	**12.82**	**0.0002663**	**0.15**	**0.003823**	**2.66**	**0.012031**	**0.16**	**0**	**0**	**0.43**	**0**	**0**	**0**	**0**	**0**
14D32666	4.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D32667	4.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D32668	5.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D32670	5.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D32671	5.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D32672	6.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D32674	6.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D32675	7.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D32676	7.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D32678	8.3 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D32679	9.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D32680	9.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D32682	11.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D32683	13.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D32684	15.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D32686	18.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D32687	21.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D32689	24.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0

14D32639.AGE >>> MV1203-D58-16 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
43.59 ± 0.17
TOTAL FUSION
43.50 ± 0.17
NORMAL ISOCHRON
43.77 ± 0.22
INVERSE ISOCHRON
43.84 ± 0.23

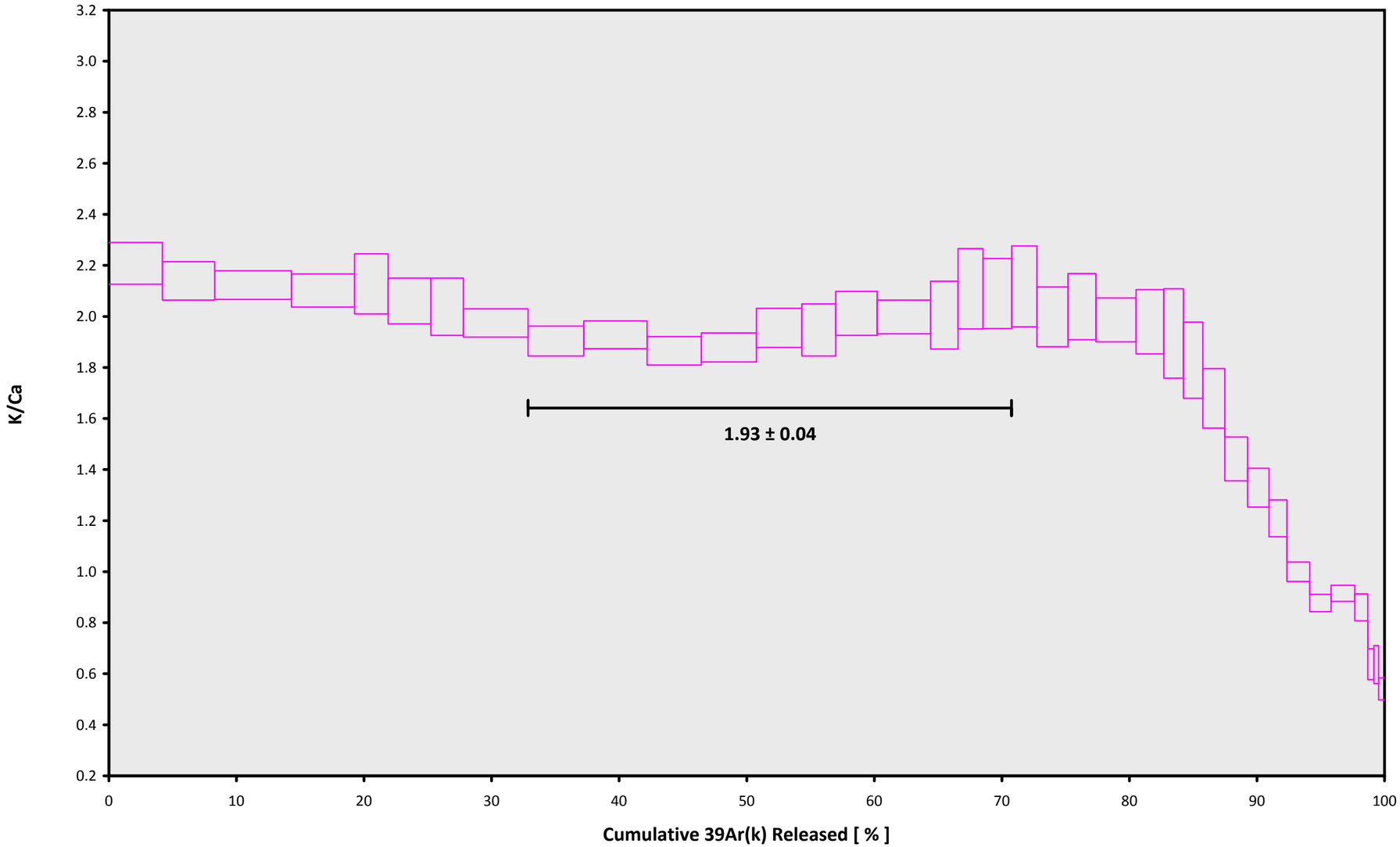
MSWD (PROBABILITY)
1.79 (6%)

Sample Info

Groundmass
Wanderer Guyot
Susan Schnur

IRR = 14-OSU-04 (4B22-14)
J = 0.00164217 ± 0.00000328

14D32639.AGE >>> MV1203-D58-16 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

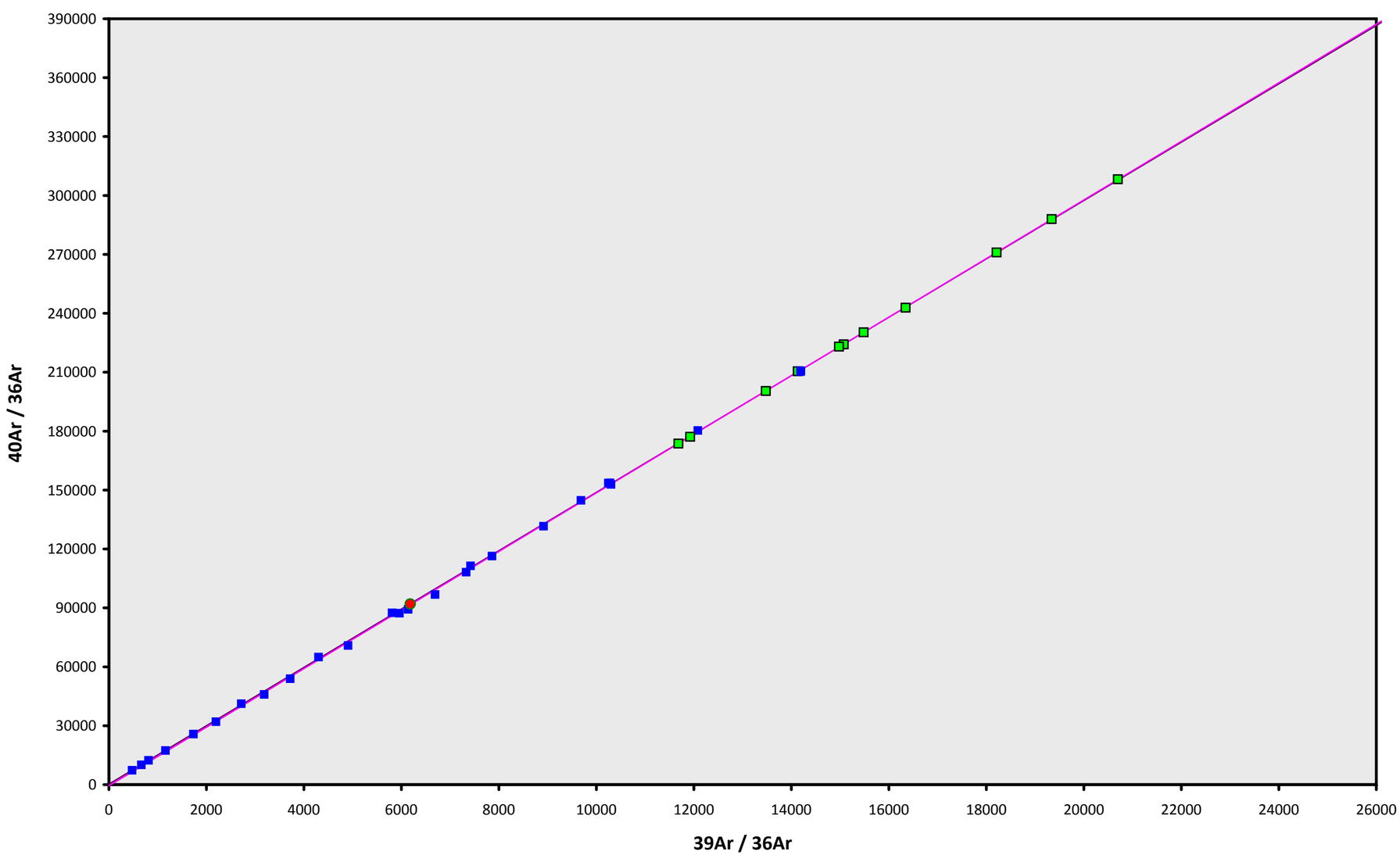
WEIGHTED PLATEAU
43.59 ± 0.17
TOTAL FUSION
43.50 ± 0.17
NORMAL ISOCHRON
43.77 ± 0.22
INVERSE ISOCHRON
43.84 ± 0.23

Sample Info

Groundmass
Wanderer Guyot
Susan Schnur

IRR = 14-OSU-04 (4B22-14)
J = 0.00164217 ± 0.00000328

14D32639.AGE >>> MV1203-D58-16 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
43.59 ± 0.17
TOTAL FUSION
43.50 ± 0.17
NORMAL ISOCHRON
43.77 ± 0.22
INVERSE ISOCHRON
43.84 ± 0.23

MSWD (PROBABILITY)
0.86 (56%)

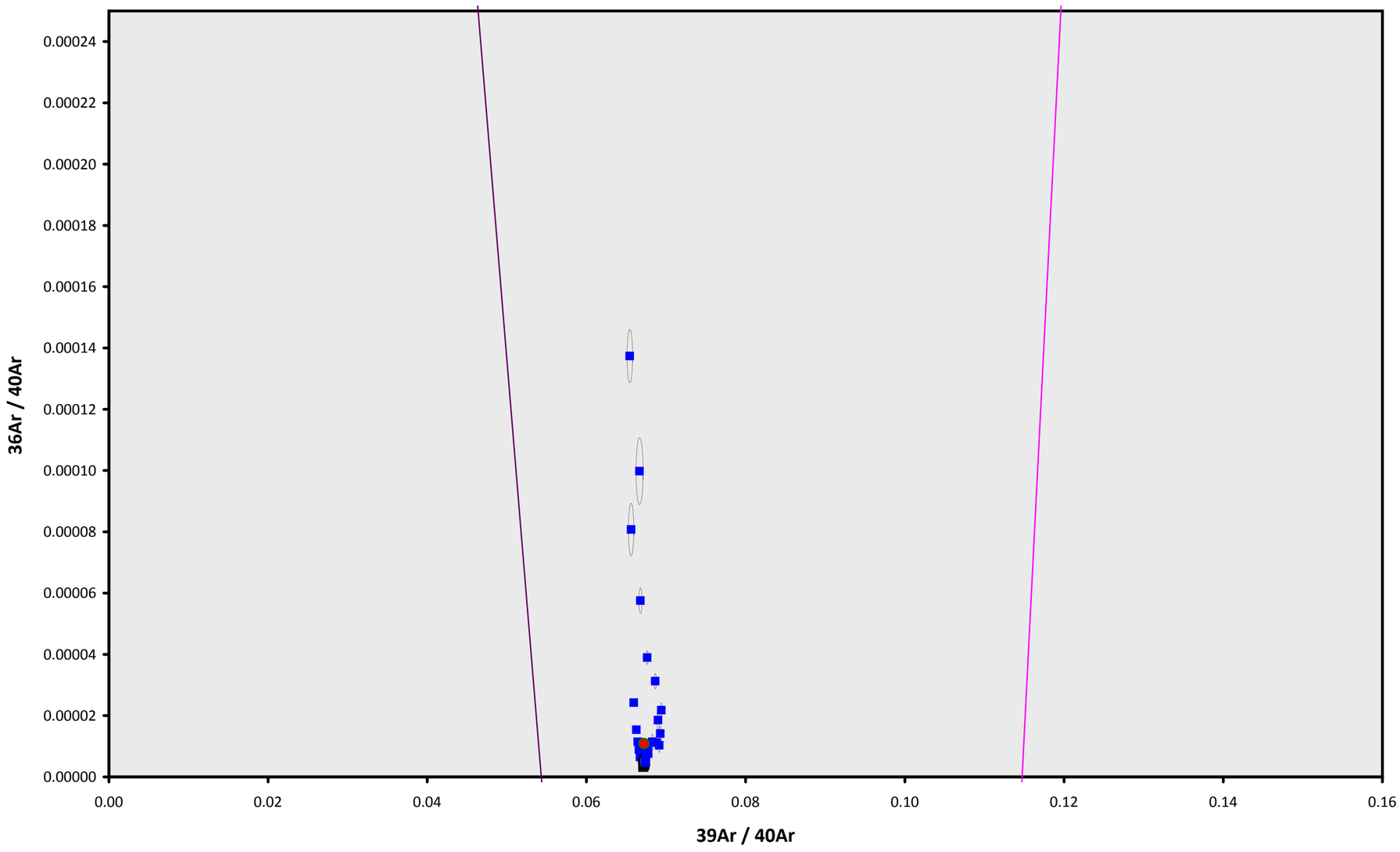
40AR/36AR INTERCEPT
-649.3 ± 727.7 (NEG)

Sample Info

Groundmass
Wanderer Guyot
Susan Schnur

IRR = 14-OSU-04 (4B22-14)
J = 0.00164217 ± 0.00000328

14D32639.AGE >>> MV1203-D58-16 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
43.59 ± 0.17
TOTAL FUSION
43.50 ± 0.17
NORMAL ISOCHRON
43.77 ± 0.22
INVERSE ISOCHRON
43.84 ± 0.23

MSWD (PROBABILITY)
0.83 (59%)

SPREADING FACTOR
0.3%

40AR/36AR INTERCEPT
-1018.8 ± 689.8 (NEG)

Sample Info

Groundmass
Wanderer Guyot
Susan Schnur

IRR = 14-OSU-04 (4B22-14)
J = 0.00164217 ± 0.00000328