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
14D30506	1.8 %		0.0039578	27.830	0.67182	55.846	0.091165	42.277	12.4616	0.297	49.994	0.141	3.91853 ± 0.05848	12.02 ± 0.18	97.67	0.35	7.98 ± 8.91
14D30508	2.0 %		0.0018627	59.040	1.91232	19.668	0.169025	22.333	21.7153	0.184	84.947	0.085	3.88983 ± 0.03396	11.93 ± 0.10	99.43	0.62	4.88 ± 1.92
14D30509	2.4 %		0.0044617	25.058	3.82911	9.454	0.523016	7.272	45.7878	0.113	180.656	0.042	3.91969 ± 0.01729	12.02 ± 0.05	99.34	1.30	5.14 ± 0.97
14D30510	2.8 %		0.0026251	42.127	4.40189	8.409	0.527188	7.287	47.9402	0.109	186.797	0.040	3.88392 ± 0.01642	11.91 ± 0.05	99.67	1.36	4.68 ± 0.79
14D30512	3.2 %		0.0041780	26.260	5.82989	6.105	0.802768	4.829	68.3821	0.093	265.720	0.030	3.87087 ± 0.01217	11.87 ± 0.04	99.61	1.94	5.04 ± 0.62
14D30513	3.6 %	✓	0.0043594	25.741	8.72292	4.261	1.224325	3.103	100.0155	0.081	391.283	0.020	3.90262 ± 0.00933	11.97 ± 0.03	99.75	2.84	4.93 ± 0.42
14D30514	4.0 %	✓	0.0108096	10.587	20.72582	1.794	2.810288	1.382	234.7984	0.074	915.004	0.011	3.88673 ± 0.00651	11.92 ± 0.02	99.73	6.66	4.87 ± 0.17
14D30516	4.5 %	✓	0.0076597	14.772	19.93072	1.893	2.825456	1.359	229.4815	0.075	893.443	0.011	3.88670 ± 0.00658	11.92 ± 0.02	99.82	6.51	4.95 ± 0.19
14D30517	5.2 %	✓	0.0124695	9.499	36.09644	1.110	5.151814	0.729	422.7693	0.073	1649.284	0.007	3.89556 ± 0.00592	11.95 ± 0.02	99.85	12.00	5.04 ± 0.11
14D30518	6.1 %	✓	0.0495197	2.606	53.63856	0.777	7.821595	0.519	651.3502	0.072	2551.036	0.006	3.89694 ± 0.00578	11.95 ± 0.02	99.49	18.48	5.22 ± 0.08
14D30520	7.1 %	✓	0.0141878	8.378	44.94213	0.892	6.674822	0.594	553.1210	0.073	2157.766	0.006	3.89628 ± 0.00582	11.95 ± 0.02	99.87	15.70	5.29 ± 0.09
14D30521	8.3 %	✓	0.0040920	27.847	15.51458	2.431	2.329730	1.593	192.4454	0.075	750.172	0.012	3.89455 ± 0.00692	11.94 ± 0.02	99.90	5.46	5.33 ± 0.26
14D30522	9.7 %		0.0031702	34.318	10.53279	3.537	1.552899	2.550	126.6558	0.079	495.586	0.017	3.90841 ± 0.00814	11.98 ± 0.02	99.88	3.59	5.17 ± 0.37
14D30524	11.2 %		0.0010933	100.333	6.06457	6.291	0.894229	4.170	69.9499	0.090	273.974	0.028	3.91536 ± 0.01190	12.01 ± 0.04	99.96	1.99	4.96 ± 0.62
14D30525	13.0 %		0.0018356	59.865	13.80353	2.720	1.836682	2.065	151.8718	0.077	593.925	0.015	3.91070 ± 0.00752	11.99 ± 0.02	99.99	4.31	4.73 ± 0.26
14D30526	15.5 %		0.0025497	44.877	16.81580	2.299	2.437956	1.552	198.5255	0.075	777.324	0.012	3.91477 ± 0.00686	12.00 ± 0.02	99.98	5.63	5.08 ± 0.23
14D30528	18.5 %		0.0058101	19.954	19.26369	2.062	2.797037	1.402	236.1019	0.074	924.777	0.010	3.91240 ± 0.00654	12.00 ± 0.02	99.88	6.70	5.27 ± 0.22
14D30529	21.5 %		0.0021648	50.701	6.73944	5.417	1.055594	3.751	85.2157	0.086	334.568	0.023	3.92126 ± 0.01037	12.02 ± 0.03	99.87	2.42	5.44 ± 0.59
14D30531	24.5 %		0.0006066	178.260	6.26591	5.966	0.887932	4.418	75.1927	0.089	295.092	0.027	3.92982 ± 0.01125	12.05 ± 0.03	100.13	2.13	5.16 ± 0.62
		Σ	0.1362002	3.623	295.70192	0.560	42.413520	0.396	3523.7815	0.023	13771.347	0.003					

Information on Analysis and Constants Used in Calculations

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D48-04**
Material = **Alkali-Feldspar**
Location = **Jahont Guyot**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **14-OSU-04 (4B9-14)**
Position = **X: 0 | Y: 0 | Z/H: 17.01 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **9.23805 ± 0.01912**
FCT-NM J-value = **0.00170138 ± 0.00000352**
Air Shot 40Ar/36Ar = **303.5700 ± 0.5191**
Air Shot MDF = **0.99334550 ± 0.00071212 (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 = **IESS10035**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Trachyte**
Lat-Lon = **39°33.1'S - 7°50.0'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		3.89382 ± 0.00390	**11.94 ± 0.05**	2.54	67.65	5.16 ± 0.12
Error Mean		± 0.10%	**± 0.42%**	2%	7	
		Full External Error ± 0.27		2.15	2σ Confidence Limit	
		Analytical Error ± 0.01		1.5947	Error Magnification	
Total Fusion Age		3.89970 ± 0.00201	**11.96 ± 0.05**		19	5.12 ± 0.06
		± 0.05%	**± 0.42%**			
		Full External Error ± 0.27				
		Analytical Error ± 0.01				
Normal Isochron	**278.51 ± 219.94**	3.89455 ± 0.00584	**11.94 ± 0.05**	2.66	67.65	
Error Chron	**± 78.97%**	± 0.15%	**± 0.44%**	2%	7	
		Full External Error ± 0.27		2.26	2σ Confidence Limit	
		Analytical Error ± 0.02		1.6319	Error Magnification	
				1	Number of Iterations	
				0.0000000000	Convergence	
Inverse Isochron	**386.50 ± 206.53**	3.89223 ± 0.00575	**11.94 ± 0.05**	2.66	67.65	
Error Chron	**± 53.43%**	± 0.15%	**± 0.44%**	2%	7	
		Full External Error ± 0.27		2.26	2σ Confidence Limit	
		Analytical Error ± 0.02		1.6304	Error Magnification	
				4	Number of Iterations	
				0.0008711903	Convergence	
				1%	Spreading Factor	

Notes
Low and high T steps a bit odd, but overall acceptable.

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
14D30506	1.8 %		0.0037789	0.67182	0.0000000	12.4612	48.829	12.02 ± 0.18	97.67	0.35	7.98 ± 8.91
14D30508	2.0 %		0.0013535	1.91232	0.0000000	21.7140	84.464	11.93 ± 0.10	99.43	0.62	4.88 ± 1.92
14D30509	2.4 %		0.0034420	3.82911	0.0000000	45.7853	179.464	12.02 ± 0.05	99.34	1.30	5.14 ± 0.97
14D30510	2.8 %		0.0014529	4.40189	0.0000000	47.9372	186.184	11.91 ± 0.05	99.67	1.36	4.68 ± 0.79
14D30512	3.2 %		0.0026255	5.82989	0.0000000	68.3782	264.683	11.87 ± 0.04	99.61	1.94	5.04 ± 0.62
14D30513	3.6 %	✓	0.0020334	8.72292	0.0201027	100.0096	390.299	11.97 ± 0.03	99.75	2.84	4.93 ± 0.42
14D30514	4.0 %	✓	0.0052903	20.72582	0.0000000	234.7844	912.543	11.92 ± 0.02	99.73	6.66	4.87 ± 0.17
14D30516	4.5 %	✓	0.0023426	19.93072	0.0628575	229.4680	891.874	11.92 ± 0.02	99.82	6.51	4.95 ± 0.19
14D30517	5.2 %	✓	0.0028474	36.09644	0.0626465	422.7449	1646.826	11.95 ± 0.02	99.85	12.00	5.04 ± 0.11
14D30518	6.1 %	✓	0.0352358	53.63856	0.0000000	651.3139	2538.134	11.95 ± 0.02	99.49	18.48	5.22 ± 0.08
14D30520	7.1 %	✓	0.0022171	44.94213	0.0169467	553.0907	2154.996	11.95 ± 0.02	99.87	15.70	5.29 ± 0.09
14D30521	8.3 %	✓	0.0000416	15.51458	0.0134389	192.4349	749.448	11.94 ± 0.02	99.90	5.46	5.33 ± 0.26
14D30522	9.7 %		0.0003610	10.53279	0.0283649	126.6487	494.995	11.98 ± 0.02	99.88	3.59	5.17 ± 0.37
14D30524	11.2 %		0.0005297	6.06457	0.0523746	69.9458	273.863	12.01 ± 0.04	99.96	1.99	4.96 ± 0.62
14D30525	13.0 %		0.0018416	13.80353	0.0089775	151.8625	593.889	11.99 ± 0.02	99.99	4.31	4.73 ± 0.26
14D30526	15.5 %		0.0019358	16.81580	0.0487864	198.5142	777.137	12.00 ± 0.02	99.98	5.63	5.08 ± 0.23
14D30528	18.5 %		0.0006802	19.26369	0.0000000	236.0889	923.673	12.00 ± 0.02	99.88	6.70	5.27 ± 0.22
14D30529	21.5 %		0.0003655	6.73944	0.0298667	85.2111	334.135	12.02 ± 0.03	99.87	2.42	5.44 ± 0.59
14D30531	24.5 %		0.0022752	6.26591	0.0000000	75.1884	295.477	12.05 ± 0.03	100.13	2.13	5.16 ± 0.62
		Σ	0.0574023	295.70192	0.3443625	3523.5817	13740.914				

Information on Analysis

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D48-04**
Material = **Alkali-Feldspar**
Location = **Jahont Guyot**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **14-OSU-04 (4B9-14)**
J = **0.00170138 ± 0.00000352**
FCT-NM = **28.201 ± 0.023 Ma**

Results	40(r)/39(k) ± 2σ		Age ± 2σ (Ma)		MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau	3.89382	± 0.00390	**11.94**	**± 0.05**	2.54	67.65	5.16 ± 0.12
Error Mean		± 0.10%		**± 0.42%**	2%	7	
		Full External Error		± 0.27	2.15	2σ Confidence Limit	
		Analytical Error		± 0.01	1.5947	Error Magnification	
Total Fusion Age	3.89970	± 0.00201	**11.96**	**± 0.05**		19	5.12 ± 0.06
		± 0.05%		**± 0.42%**			
		Full External Error		± 0.27			
		Analytical Error		± 0.01			

Normal Isochron			39(k)/36(a) ± 2σ		40(a+r)/36(a) ± 2σ		r.i.
14D30506	1.8 %		3297.60	± 1930.35	13217.23	± 7736.80	0.9999
14D30508	2.0 %		16042.97	± 26178.98	62699.88	± 102313.72	1.0000
14D30509	2.4 %		13302.03	± 8673.42	52435.29	± 34189.61	1.0000
14D30510	2.8 %		32994.81	± 50428.40	128444.67	± 196311.27	1.0000
14D30512	3.2 %		26043.86	± 21847.79	101107.97	± 84817.70	1.0000
14D30513	3.6 %	✓	49182.80	± 54494.58	192237.18	± 212998.74	1.0000
14D30514	4.0 %	✓	44380.06	± 19273.21	172788.74	± 75037.64	1.0000
14D30516	4.5 %	✓	97953.84	± 95002.43	381012.81	± 369532.21	1.0000
14D30517	5.2 %	✓	148464.62	± 124023.98	578647.69	± 483388.43	1.0000
14D30518	6.1 %	✓	18484.44	± 1359.41	72328.33	± 5318.27	0.9998
14D30520	7.1 %	✓	249464.91	± 268599.84	972280.57	± 1046857.35	1.0000
14D30521	8.3 %	✓	4629506.24	##############	18029564.28	##############	1.0000
14D30522	9.7 %		350808.44	± 2123167.93	1371399.20	± 8300001.85	1.0000
14D30524	11.2 %		132043.97	± 549208.79	516704.77	± 2149123.40	1.0000
14D30525	13.0 %		82462.07	± 98822.29	322189.06	± 386110.06	1.0000
14D30526	15.5 %		102549.01	± 121724.65	401160.16	± 476172.71	1.0000
14D30528	18.5 %		347089.83	± 1188141.85	1358248.49	± 4649492.93	1.0000
14D30529	21.5 %		233120.91	± 1405506.65	914422.56	± 5513134.60	1.0000
14D30531	24.5 %		33047.30	± 31543.92	129574.51	± 123679.76	1.0000

Results	40(a)/36(a) ± 2σ		40(r)/39(k) ± 2σ		Age ± 2σ (Ma)		MSWD
Normal Isochron	**278.51**	**± 219.94**	3.89455	± 0.00584	**11.94**	**± 0.05**	2.66
Error Chron		**± 78.97%**		± 0.15%		**± 0.44%**	2%
					Full External Error	± 0.27	
					Analytical Error	± 0.02	

Statistics				
	2σ Confidence Limit	2.26	Convergence	0.000000000004
	Error Magnification	1.6319	Number of Iterations	1
	Number of Data Points	7	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ		36(a)/40(a+r) ± 2σ		r.i.
14D30506	1.8 %		0.2494924	± 0.0016397	0.00007566	± 0.00004429	0.0021
14D30508	2.0 %		0.2558692	± 0.0010394	0.00001595	± 0.00002603	0.0004
14D30509	2.4 %		0.2536846	± 0.0006110	0.00001907	± 0.00001244	0.0005
14D30510	2.8 %		0.2568796	± 0.0005993	0.00000779	± 0.00001190	0.0002
14D30512	3.2 %		0.2575847	± 0.0005040	0.00000989	± 0.00000830	0.0002
14D30513	3.6 %	✓	0.2558443	± 0.0004288	0.00000520	± 0.00000576	0.0001
14D30514	4.0 %	✓	0.2568458	± 0.0003852	0.00000579	± 0.00000251	0.0001
14D30516	4.5 %	✓	0.2570881	± 0.0003899	0.00000262	± 0.00000255	0.0000
14D30517	5.2 %	✓	0.2565717	± 0.0003745	0.00000173	± 0.00000144	0.0000
14D30518	6.1 %	✓	0.2555629	± 0.0003712	0.00001383	± 0.00000102	0.0002
14D30520	7.1 %	✓	0.2565771	± 0.0003739	0.00000103	± 0.00000111	0.0000
14D30521	8.3 %	✓	0.2567731	± 0.0003930	0.00000006	± 0.00000305	0.0000
14D30522	9.7 %		0.2558033	± 0.0004154	0.00000073	± 0.00000441	0.0000
14D30524	11.2 %		0.2555501	± 0.0004836	0.00000194	± 0.00000805	0.0000
14D30525	13.0 %		0.2559431	± 0.0004043	0.00000310	± 0.00000372	0.0001
14D30526	15.5 %		0.2556311	± 0.0003881	0.00000249	± 0.00000296	0.0000
14D30528	18.5 %		0.2555422	± 0.0003827	0.00000074	± 0.00000252	0.0000
14D30529	21.5 %		0.2549378	± 0.0004559	0.00000109	± 0.00000659	0.0000
14D30531	24.5 %		0.2550447	± 0.0004753	0.00000772	± 0.00000737	0.0002

Results	40(a)/36(a) ± 2σ		40(r)/39(k) ± 2σ		Age ± 2σ (Ma)		MSWD
Inverse Isochron	**386.50**	**± 206.53**	3.89223	± 0.00575	**11.94**	**± 0.05**	2.66
Error Chron		**± 53.43%**		± 0.15%		**± 0.44%**	2%
					Full External Error	± 0.27	
					Analytical Error	± 0.02	

Statistics				
	2σ Confidence Limit	2.26	Convergence	0.0008711903
	Error Magnification	1.6304	Number of Iterations	4
	Number of Data Points	7	Calculated Line	Weighted York-2
	Spreading Factor	0.6%		

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
14D30506	1.8 %		0.0037789	29.27	0.0000000	0.00	0.0001789	55.85	0.0000000	0.00	0.67182	55.85	0.0007063	29.27	0.0000000	0.00	0.149920	0.34	0.0000482	57.30	0.0000000	0.00	12.4612	0.30	0.0004539	55.86	48.829	0.68	1.116652	29.27	0.0000000	0.00	0.047639	2.68
14D30508	2.0 %		0.0013535	81.59	0.0000000	0.00	0.0005093	19.67	0.0000000	0.00	1.91232	19.67	0.0002530	81.59	0.0000000	0.00	0.261241	0.24	0.0001373	23.48	0.0000000	0.00	21.7140	0.18	0.0012920	19.71	84.464	0.40	0.399956	81.59	0.0000000	0.00	0.083013	2.67
14D30509	2.4 %		0.0034420	32.60	0.0000000	0.00	0.0010197	9.45	0.0000000	0.00	3.82911	9.45	0.0006433	32.60	0.0000000	0.00	0.550842	0.20	0.0002749	15.93	0.0000000	0.00	45.7853	0.11	0.0025869	9.55	179.464	0.19	1.017104	32.60	0.0000000	0.00	0.175037	2.66
14D30510	2.8 %		0.0014529	76.42	0.0000000	0.00	0.0011722	8.41	0.0000000	0.00	4.40189	8.41	0.0002715	76.42	0.0000000	0.00	0.576733	0.19	0.0003161	15.33	0.0000000	0.00	47.9372	0.11	0.0029739	8.51	186.184	0.18	0.429324	76.42	0.0000000	0.00	0.183264	2.66
14D30512	3.2 %		0.0026255	41.94	0.0000000	0.00	0.0015525	6.11	0.0000000	0.00	5.82989	6.11	0.0004907	41.94	0.0000000	0.00	0.822658	0.19	0.0004186	14.20	0.0000000	0.00	68.3782	0.09	0.0039387	6.25	264.683	0.13	0.775836	41.94	0.0000000	0.00	0.261410	2.66
14D30513	3.6 %	✓	0.0020334	55.40	0.0000000	0.00	0.0023229	4.26	0.0000031	189.29	8.72292	4.26	0.0003800	55.40	0.0000000	0.00	1.203216	0.18	0.0006263	13.51	0.0201027	189.29	100.0096	0.08	0.0058932	4.46	390.299	0.09	0.600878	55.40	0.0000000	0.00	0.382337	2.66
14D30514	4.0 %	✓	0.0052903	21.71	0.0000000	0.00	0.0055193	1.80	0.0000000	0.00	20.72582	1.79	0.0009888	21.71	0.0000000	0.00	2.824691	0.18	0.0014881	12.94	0.0000000	0.00	234.7844	0.07	0.0140024	2.23	912.543	0.04	1.563287	21.71	0.0000000	0.00	0.897581	2.66
14D30516	4.5 %	✓	0.0023426	48.49	0.0000000	0.00	0.0053075	1.90	0.0000096	61.59	19.93072	1.89	0.0004378	48.49	0.0000000	0.00	2.760730	0.18	0.0014310	12.96	0.0628575	61.59	229.4680	0.07	0.0134652	2.31	891.874	0.04	0.692242	48.49	0.0000000	0.00	0.877256	2.66
14D30517	5.2 %	✓	0.0028474	41.77	0.0000000	0.00	0.0096125	1.12	0.0000095	61.65	36.09644	1.11	0.0005322	41.77	0.0000000	0.00	5.086043	0.18	0.0025917	12.87	0.0626465	61.65	422.7449	0.07	0.0243868	1.72	1646.826	0.02	0.841420	41.77	0.0000000	0.00	1.616154	2.66
14D30518	6.1 %	✓	0.0352358	3.68	0.0000000	0.00	0.0142839	0.79	0.0000000	0.00	53.63856	0.78	0.0065856	3.68	0.0000000	0.00	7.835958	0.18	0.0038512	12.84	0.0000000	0.00	651.3139	0.07	0.0362382	1.53	2538.134	0.02	10.412177	3.68	0.0000000	0.00	2.489973	2.66
14D30520	7.1 %	✓	0.0022171	53.84	0.0000000	0.00	0.0119681	0.90	0.0000026	243.93	44.94213	0.89	0.0004144	53.84	0.0000000	0.00	6.654234	0.18	0.0032268	12.85	0.0169467	243.93	553.0907	0.07	0.0303629	1.59	2154.996	0.02	0.655155	53.84	0.0000000	0.00	2.114466	2.66
14D30521	8.3 %	✓	0.0000416	######	0.0000000	0.00	0.0041315	2.44	0.0000020	277.92	15.51458	2.43	0.0000078	######	0.0000000	0.00	2.315185	0.18	0.0011139	13.05	0.0134389	277.92	192.4349	0.08	0.0104817	2.77	749.448	0.05	0.012283	######	0.0000000	0.00	0.735679	2.66
14D30522	9.7 %		0.0003610	302.61	0.0000000	0.00	0.0028049	3.54	0.0000043	139.94	10.53279	3.54	0.0000675	302.61	0.0000000	0.00	1.523710	0.18	0.0007563	13.30	0.0283649	139.94	126.6487	0.08	0.0071160	3.78	494.995	0.07	0.106681	302.61	0.0000000	0.00	0.484178	2.66
14D30524	11.2 %		0.0005297	207.96	0.0000000	0.00	0.0016150	6.29	0.0000080	71.27	6.06457	6.29	0.0000990	207.96	0.0000000	0.00	0.841518	0.18	0.0004354	14.28	0.0523746	71.27	69.9458	0.09	0.0040972	6.43	273.863	0.12	0.156531	207.96	0.0000000	0.00	0.267403	2.66
14D30525	13.0 %		0.0018416	59.92	0.0000000	0.00	0.0036759	2.72	0.0000014	424.08	13.80353	2.72	0.0003442	59.92	0.0000000	0.00	1.827058	0.18	0.0009911	13.11	0.0089775	424.08	151.8625	0.08	0.0093257	3.02	593.889	0.06	0.544194	59.92	0.0000000	0.00	0.580570	2.66
14D30526	15.5 %		0.0019358	59.35	0.0000000	0.00	0.0044780	2.30	0.0000074	78.05	16.81580	2.30	0.0003618	59.35	0.0000000	0.00	2.388324	0.18	0.0012074	13.02	0.0487864	78.05	198.5142	0.07	0.0113608	2.65	777.137	0.05	0.572028	59.35	0.0000000	0.00	0.758920	2.66
14D30528	18.5 %		0.0006802	171.16	0.0000000	0.00	0.0051299	2.07	0.0000000	0.00	19.26369	2.06	0.0001271	171.16	0.0000000	0.00	2.840385	0.18	0.0013831	12.98	0.0000000	0.00	236.0889	0.07	0.0130145	2.45	923.673	0.04	0.200998	171.16	0.0000000	0.00	0.902568	2.66
14D30529	21.5 %		0.0003655	301.45	0.0000000	0.00	0.0017947	5.42	0.0000046	132.71	6.73944	5.42	0.0000683	301.45	0.0000000	0.00	1.025175	0.18	0.0004839	13.92	0.0298667	132.72	85.2111	0.09	0.0045532	5.58	334.135	0.10	0.108012	301.45	0.0000000	0.00	0.325762	2.66
14D30531	24.5 %		0.0022752	47.73	0.0000000	0.00	0.0016686	5.97	0.0000000	0.00	6.26591	5.97	0.0004252	47.73	0.0000000	0.00	0.904592	0.18	0.0004499	14.14	0.0000000	0.00	75.1884	0.09	0.0042333	6.11	295.477	0.11	0.672315	47.73	0.0000000	0.00	0.287445	2.66
		Σ	0.0574023	8.63	0.0000000	0.00	0.0787454	0.56	0.0000525	35.54	295.70192	0.56	0.0107285	8.63	0.0000000	0.00	42.392212	0.06	0.0212314	4.03	0.3443625	35.54	3523.5817	0.02	0.1997762	0.69	13740.914	0.01	16.962371	8.63	0.0000000	0.00	13.470653	0.84
		Σ							0.1362002	3.65	295.70192	0.56									42.768534	0.29			3523.7815	0.02							13771.347	0.02

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
14D30506	1.8 %		4.011814	0.013179	0.053911	0.030108	0.000318	0.000088	93.773	6.389593	1.00066276	2.400E-12
14D30508	2.0 %		3.911837	0.007943	0.088064	0.017321	0.000086	0.000051	93.790	6.391785	1.00066289	4.077E-12
14D30509	2.4 %		3.945503	0.004750	0.083627	0.007906	0.000097	0.000024	93.799	6.392837	1.00066294	8.671E-12
14D30510	2.8 %		3.896456	0.004543	0.091820	0.007722	0.000055	0.000023	93.808	6.393977	1.00066301	8.966E-12
14D30512	3.2 %		3.885818	0.003800	0.085255	0.005206	0.000061	0.000016	93.825	6.396170	1.00066313	1.275E-11
14D30513	3.6 %	✓	3.912219	0.003277	0.087216	0.003717	0.000044	0.000011	93.833	6.397223	1.00066319	1.878E-11
14D30514	4.0 %	✓	3.896977	0.002920	0.088271	0.001585	0.000046	0.000005	93.842	6.398276	1.00066325	4.392E-11
14D30516	4.5 %	✓	3.893312	0.002950	0.086851	0.001645	0.000033	0.000005	93.859	6.400470	1.00066337	4.289E-11
14D30517	5.2 %	✓	3.901144	0.002845	0.085381	0.000950	0.000029	0.000003	93.868	6.401612	1.00066343	7.917E-11
14D30518	6.1 %	✓	3.916536	0.002842	0.082350	0.000642	0.000076	0.000002	93.876	6.402666	1.00066349	1.224E-10
14D30520	7.1 %	✓	3.901073	0.002841	0.081252	0.000727	0.000026	0.000002	93.894	6.404862	1.00066362	1.036E-10
14D30521	8.3 %	✓	3.898100	0.002981	0.080618	0.001960	0.000021	0.000006	93.902	6.405916	1.00066368	3.601E-11
14D30522	9.7 %		3.912857	0.003175	0.083161	0.002942	0.000025	0.000009	93.911	6.407058	1.00066374	2.379E-11
14D30524	11.2 %		3.916720	0.003704	0.086699	0.005455	0.000016	0.000016	93.928	6.409256	1.00066386	1.315E-11
14D30525	13.0 %		3.910701	0.003087	0.090889	0.002474	0.000012	0.000007	93.937	6.410311	1.00066392	2.851E-11
14D30526	15.5 %		3.915486	0.002970	0.084703	0.001948	0.000013	0.000006	93.946	6.411454	1.00066398	3.731E-11
14D30528	18.5 %		3.916855	0.002931	0.081591	0.001683	0.000025	0.000005	93.963	6.413565	1.00066410	4.439E-11
14D30529	21.5 %		3.926138	0.003508	0.079087	0.004285	0.000025	0.000013	93.972	6.414709	1.00066417	1.606E-11
14D30531	24.5 %		3.924483	0.003655	0.083331	0.004972	0.000008	0.000014	93.989	6.416909	1.00066429	1.416E-11

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
14D30506	1.8 %	0.0179662 ± 0.0009571	0.0478980 ± 0.0485792	0.0318737 ± 0.0261451	0.0075425 ± 0.0245942	5.1216966 ± 0.0619492
14D30508	2.0 %	0.0180580 ± 0.0009571	0.0240582 ± 0.0485792	0.0413857 ± 0.0261451	0.0180198 ± 0.0245942	5.0588916 ± 0.0619492
14D30509	2.4 %	0.0180771 ± 0.0009571	0.0139646 ± 0.0485792	0.0488325 ± 0.0261451	0.0185765 ± 0.0245942	5.0339739 ± 0.0619492
14D30510	2.8 %	0.0180846 ± 0.0009571	0.0041543 ± 0.0485792	0.0582835 ± 0.0261451	0.0167825 ± 0.0245942	5.0109275 ± 0.0619492
14D30512	3.2 %	0.0180724 ± 0.0009571	0.0111519 ± 0.0485792	0.0786153 ± 0.0261451	0.0085719 ± 0.0245942	4.9781624 ± 0.0619492
14D30513	3.6 %	0.0180592 ± 0.0009571	0.0167567 ± 0.0485792	0.0885900 ± 0.0261451	0.0033334 ± 0.0245942	4.9677124 ± 0.0619492
14D30514	4.0 %	0.0180440 ± 0.0009571	0.0212127 ± 0.0485792	0.0982580 ± 0.0261451	0.0022346 ± 0.0245942	4.9605245 ± 0.0619492
14D30516	4.5 %	0.0180126 ± 0.0009571	0.0268647 ± 0.0485792	0.1161984 ± 0.0261451	0.0135473 ± 0.0245942	4.9551924 ± 0.0619492
14D30517	5.2 %	0.0179992 ± 0.0009571	0.0279510 ± 0.0485792	0.1237893 ± 0.0261451	0.0186787 ± 0.0245942	4.9569699 ± 0.0619492
14D30518	6.1 %	0.0179900 ± 0.0009571	0.0279141 ± 0.0485792	0.1294599 ± 0.0261451	0.0226788 ± 0.0245942	4.9609218 ± 0.0619492
14D30520	7.1 %	0.0179817 ± 0.0009571	0.0250190 ± 0.0485792	0.1365128 ± 0.0261451	0.0281854 ± 0.0245942	4.9745592 ± 0.0619492
14D30521	8.3 %	0.0179832 ± 0.0009571	0.0225067 ± 0.0485792	0.1374000 ± 0.0261451	0.0293298 ± 0.0245942	4.9827615 ± 0.0619492
14D30522	9.7 %	0.0179882 ± 0.0009571	0.0191710 ± 0.0485792	0.1364392 ± 0.0261451	0.0294559 ± 0.0245942	4.9920642 ± 0.0619492
14D30524	11.2 %	0.0180044 ± 0.0009571	0.0116946 ± 0.0485792	0.1289329 ± 0.0261451	0.0267118 ± 0.0245942	5.0085097 ± 0.0619492
14D30525	13.0 %	0.0180128 ± 0.0009571	0.0080016 ± 0.0485792	0.1227561 ± 0.0261451	0.0242465 ± 0.0245942	5.0143539 ± 0.0619492
14D30526	15.5 %	0.0180201 ± 0.0009571	0.0042478 ± 0.0485792	0.1142994 ± 0.0261451	0.0210075 ± 0.0245942	5.0180819 ± 0.0619492
14D30528	18.5 %	0.0180203 ± 0.0009571	0.0010279 ± 0.0485792	0.0943917 ± 0.0261451	0.0144901 ± 0.0245942	5.0145931 ± 0.0619492
14D30529	21.5 %	0.0180080 ± 0.0009571	0.0023948 ± 0.0485792	0.0816709 ± 0.0261451	0.0113620 ± 0.0245942	5.0051437 ± 0.0619492
14D30531	24.5 %	0.0179442 ± 0.0009571	0.0004660 ± 0.0485792	0.0546222 ± 0.0261451	0.0082315 ± 0.0245942	4.9668677 ± 0.0619492

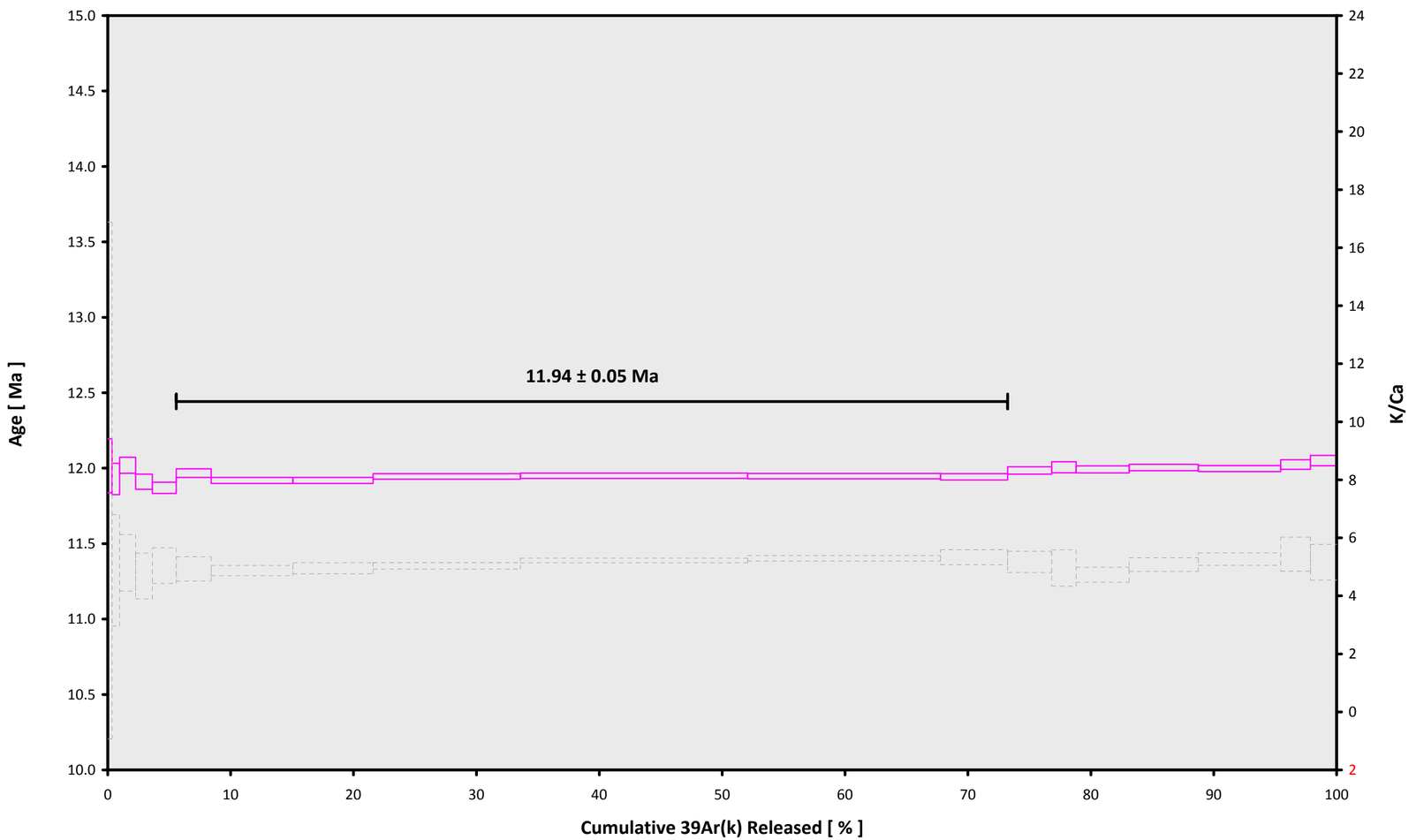
Intercept Values		36Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	37Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	38Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	39Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	40Ar ± 1σ (SE) [fA]	r2	Regression (type,n)
14D30506	1.8 %	0.0217346 ± 0.0004286	0.8880	EXP 150 of 150	0.1509450 ± 0.0308490	0.0000	EXP 150 of 150	0.0580787 ± 0.0276152	0.0005	EXP 150 of 150	12.363097 ± 0.025780	0.8949	EXP 150 of 150	55.25344 ± 0.03391	0.9991	EXP 150 of 150
14D30508	2.0 %	0.0198316 ± 0.0004248	0.8773	EXP 150 of 150	0.3172787 ± 0.0310619	0.0074	EXP 150 of 150	0.1253900 ± 0.0265274	0.0012	EXP 150 of 150	21.538733 ± 0.027131	0.9622	EXP 150 of 150	90.24013 ± 0.03774	0.9975	EXP 150 of 150
14D30509	2.4 %	0.0223253 ± 0.0004658	0.8604	EXP 150 of 150	0.6009931 ± 0.0267521	0.0077	EXP 149 of 150	0.4672241 ± 0.0269108	0.0430	EXP 150 of 150	45.435025 ± 0.031019	0.9894	EXP 149 of 150	186.18907 ± 0.04504	0.9653	EXP 150 of 150
14D30510	2.8 %	0.0205840 ± 0.0004389	0.8814	EXP 150 of 150	0.6788737 ± 0.0292203	0.0258	EXP 150 of 150	0.4618890 ± 0.0274334	0.0021	EXP 150 of 150	47.573467 ± 0.030792	0.9901	EXP 150 of 150	192.32381 ± 0.04296	0.9332	EXP 150 of 150
14D30512	3.2 %	0.0220505 ± 0.0004185	0.8993	EXP 150 of 150	0.8821446 ± 0.0246021	0.0258	EXP 150 of 150	0.7134707 ± 0.0278951	0.0162	EXP 150 of 150	67.874367 ± 0.032182	0.9949	EXP 150 of 150	271.43266 ± 0.04929	0.9755	EXP 150 of 150
14D30513	3.6 %	0.0222100 ± 0.0004748	0.8957	EXP 150 of 150	1.3196092 ± 0.0293387	0.0441	EXP 150 of 150	1.1194431 ± 0.0268026	0.0737	EXP 150 of 150	99.282064 ± 0.029293	0.9980	EXP 150 of 150	397.33117 ± 0.04994	0.9971	EXP 150 of 150
14D30514	4.0 %	0.0283364 ± 0.0005200	0.9314	EXP 150 of 150	3.1534958 ± 0.0276728	0.2919	EXP 150 of 150	2.6746340 ± 0.0277321	0.2208	EXP 150 of 150	233.086554 ± 0.037924	0.9994	EXP 150 of 150	922.49201 ± 0.07838	0.9995	EXP 150 of 150
14D30516	4.5 %	0.0253058 ± 0.0004942	0.9429	EXP 150 of 150	3.0250064 ± 0.0294525	0.2071	EXP 150 of 150	2.6716600 ± 0.0271207	0.3017	EXP 150 of 150	227.819757 ± 0.044695	0.9991	EXP 150 of 150	900.86625 ± 0.07712	0.9995	EXP 150 of 150
14D30517	5.2 %	0.0298721 ± 0.0005955	0.9631	EXP 150 of 150	5.4982952 ± 0.0323197	0.4848	EXP 150 of 150	4.9594710 ± 0.0252248	0.5573	EXP 150 of 150	419.701608 ± 0.046644	0.9997	EXP 150 of 150	1658.79657 ± 0.08864	0.9998	EXP 150 of 150
14D30518	6.1 %	0.0651403 ± 0.0007582	0.9637	EXP 150 of 150	8.1826221 ± 0.0301880	0.6634	EXP 150 of 150	7.5880559 ± 0.0282511	0.6837	EXP 150 of 150	646.617775 ± 0.063078	0.9998	EXP 150 of 150	2563.04402 ± 0.14223	0.9998	EXP 150 of 150
14D30520	7.1 %	0.0314906 ± 0.0006028	0.9718	EXP 150 of 150	6.8519819 ± 0.0291317	0.6330	EXP 150 of 150	6.4494892 ± 0.0275016	0.6048	EXP 150 of 150	549.111191 ± 0.062093	0.9997	EXP 150 of 150	2168.70065 ± 0.11057	0.9999	EXP 150 of 150
14D30521	8.3 %	0.0218794 ± 0.0005109	0.9318	EXP 150 of 150	2.3511292 ± 0.0300375	0.0944	EXP 150 of 150	2.1613288 ± 0.0254372	0.1106	EXP 149 of 150	191.069803 ± 0.038690	0.9991	EXP 150 of 150	757.22655 ± 0.06988	0.9993	EXP 150 of 150
14D30522	9.7 %	0.0210067 ± 0.0003962	0.9364	EXP 149 of 150	1.5919936 ± 0.0292833	0.0530	EXP 150 of 150	1.3957955 ± 0.0289488	0.0607	EXP 150 of 150	125.760566 ± 0.035504	0.9981	EXP 150 of 150	501.94693 ± 0.05668	0.9984	EXP 150 of 150
14D30524	11.2 %	0.0190453 ± 0.0004181	0.8938	EXP 150 of 150	0.9156634 ± 0.0321502	0.0164	EXP 150 of 150	0.7533971 ± 0.0258544	0.0557	EXP 150 of 150	69.465944 ± 0.029363	0.9957	EXP 150 of 150	279.73957 ± 0.04535	0.9907	EXP 150 of 150
14D30525	13.0 %	0.0197606 ± 0.0004228	0.9336	EXP 150 of 150	2.1024056 ± 0.0297282	0.2048	EXP 150 of 150	1.6894860 ± 0.0266515	0.0869	EXP 150 of 150	150.787309 ± 0.037279	0.9986	EXP 150 of 150	600.58031 ± 0.06646	0.9989	EXP 150 of 150
14D30526	15.5 %	0.0204478 ± 0.0005205	0.9209	EXP 150 of 150	2.5662436 ± 0.0324552	0.1894	EXP 150 of 150	2.2912155 ± 0.0264243	0.2064	EXP 150 of 150	197.097143 ± 0.036588	0.9992	EXP 150 of 150	784.48928 ± 0.06546	0.9995	EXP 150 of 150
14D30528	18.5 %	0.0235524 ± 0.0005498	0.9235	EXP 150 of 150	2.9447384 ± 0.0349363	0.1795	EXP 150 of 150	2.6654265 ± 0.0282390	0.1553	EXP 150 of 150	234.392601 ± 0.038262	0.9994	EXP 150 of 150	932.34589 ± 0.07045	0.9996	EXP 150 of 150
14D30529	21.5 %	0.0200692 ± 0.0004196	0.8973	EXP 150 of 150	1.0320740 ± 0.0271878	0.0468	EXP 150 of 150	0.9598764 ± 0.0289849	0.0644	EXP 150 of 150	84.604867 ± 0.032433	0.9965	EXP 150 of 150	340.49780 ± 0.04854	0.9964	EXP 150 of 150
14D30531	24.5 %	0.0173667 ± 0.0003793	0.9019	EXP 150 of 150	0.9574697 ± 0.0298143	0.0624	EXP 150 of 150	0.8214941 ± 0.0285116	0.0463	EXP 150 of 150	74.651913 ± 0.030875	0.9959	EXP 150 of 150	300.87434 ± 0.05273	0.9942	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
14D30506	1.8 %	Susan Schnur	14-OSU-04	0.00	0.00	17.01	Walvis Ridge\MV1203 (13-INT-04)	14D30505	01
14D30508	2.0 %	Susan Schnur	14-OSU-04	0.00	0.00	17.01	Walvis Ridge\MV1203 (13-INT-04)	14D30505	01
14D30509	2.4 %	Susan Schnur	14-OSU-04	0.00	0.00	17.01	Walvis Ridge\MV1203 (13-INT-04)	14D30505	01
14D30510	2.8 %	Susan Schnur	14-OSU-04	0.00	0.00	17.01	Walvis Ridge\MV1203 (13-INT-04)	14D30505	01
14D30512	3.2 %	Susan Schnur	14-OSU-04	0.00	0.00	17.01	Walvis Ridge\MV1203 (13-INT-04)	14D30505	01
14D30513	3.6 %	Susan Schnur	14-OSU-04	0.00	0.00	17.01	Walvis Ridge\MV1203 (13-INT-04)	14D30505	01
14D30514	4.0 %	Susan Schnur	14-OSU-04	0.00	0.00	17.01	Walvis Ridge\MV1203 (13-INT-04)	14D30505	01
14D30516	4.5 %	Susan Schnur	14-OSU-04	0.00	0.00	17.01	Walvis Ridge\MV1203 (13-INT-04)	14D30505	01
14D30517	5.2 %	Susan Schnur	14-OSU-04	0.00	0.00	17.01	Walvis Ridge\MV1203 (13-INT-04)	14D30505	01
14D30518	6.1 %	Susan Schnur	14-OSU-04	0.00	0.00	17.01	Walvis Ridge\MV1203 (13-INT-04)	14D30505	01
14D30520	7.1 %	Susan Schnur	14-OSU-04	0.00	0.00	17.01	Walvis Ridge\MV1203 (13-INT-04)	14D30505	01
14D30521	8.3 %	Susan Schnur	14-OSU-04	0.00	0.00	17.01	Walvis Ridge\MV1203 (13-INT-04)	14D30505	01
14D30522	9.7 %	Susan Schnur	14-OSU-04	0.00	0.00	17.01	Walvis Ridge\MV1203 (13-INT-04)	14D30505	01
14D30524	11.2 %	Susan Schnur	14-OSU-04	0.00	0.00	17.01	Walvis Ridge\MV1203 (13-INT-04)	14D30505	01
14D30525	13.0 %	Susan Schnur	14-OSU-04	0.00	0.00	17.01	Walvis Ridge\MV1203 (13-INT-04)	14D30505	01
14D30526	15.5 %	Susan Schnur	14-OSU-04	0.00	0.00	17.01	Walvis Ridge\MV1203 (13-INT-04)	14D30505	01
14D30528	18.5 %	Susan Schnur	14-OSU-04	0.00	0.00	17.01	Walvis Ridge\MV1203 (13-INT-04)	14D30505	01
14D30529	21.5 %	Susan Schnur	14-OSU-04	0.00	0.00	17.01	Walvis Ridge\MV1203 (13-INT-04)	14D30505	01
14D30531	24.5 %	Susan Schnur	14-OSU-04	0.00	0.00	17.01	Walvis Ridge\MV1203 (13-INT-04)	14D30505	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
14D30506	1.8 %	MV1203-D48-04	Alkali-Feldspar	Jahont Guyot	FCT-NM (4B9-14)	28.201	0.082	Kuiper et al (2008)	9.23805	0.207	0.00170138	0.207	303.57	0.171	0.9933455	0.072	1	4.8E-14	8	NOV	2014	10	33	1
14D30508	2.0 %	MV1203-D48-04	Alkali-Feldspar	Jahont Guyot	FCT-NM (4B9-14)	28.201	0.082	Kuiper et al (2008)	9.23805	0.207	0.00170138	0.207	303.57	0.171	0.9933455	0.072	1	4.8E-14	8	NOV	2014	10	58	1
14D30509	2.4 %	MV1203-D48-04	Alkali-Feldspar	Jahont Guyot	FCT-NM (4B9-14)	28.201	0.082	Kuiper et al (2008)	9.23805	0.207	0.00170138	0.207	303.57	0.171	0.9933455	0.072	1	4.8E-14	8	NOV	2014	11	10	1
14D30510	2.8 %	MV1203-D48-04	Alkali-Feldspar	Jahont Guyot	FCT-NM (4B9-14)	28.201	0.082	Kuiper et al (2008)	9.23805	0.207	0.00170138	0.207	303.57	0.171	0.9933455	0.072	1	4.8E-14	8	NOV	2014	11	23	1
14D30512	3.2 %	MV1203-D48-04	Alkali-Feldspar	Jahont Guyot	FCT-NM (4B9-14)	28.201	0.082	Kuiper et al (2008)	9.23805	0.207	0.00170138	0.207	303.57	0.171	0.9933455	0.072	1	4.8E-14	8	NOV	2014	11	48	1
14D30513	3.6 %	MV1203-D48-04	Alkali-Feldspar	Jahont Guyot	FCT-NM (4B9-14)	28.201	0.082	Kuiper et al (2008)	9.23805	0.207	0.00170138	0.207	303.57	0.171	0.9933455	0.072	1	4.8E-14	8	NOV	2014	12	0	1
14D30514	4.0 %	MV1203-D48-04	Alkali-Feldspar	Jahont Guyot	FCT-NM (4B9-14)	28.201	0.082	Kuiper et al (2008)	9.23805	0.207	0.00170138	0.207	303.57	0.171	0.9933455	0.072	1	4.8E-14	8	NOV	2014	12	12	1
14D30516	4.5 %	MV1203-D48-04	Alkali-Feldspar	Jahont Guyot	FCT-NM (4B9-14)	28.201	0.082	Kuiper et al (2008)	9.23805	0.207	0.00170138	0.207	303.57	0.171	0.9933455	0.072	1	4.8E-14	8	NOV	2014	12	37	1
14D30517	5.2 %	MV1203-D48-04	Alkali-Feldspar	Jahont Guyot	FCT-NM (4B9-14)	28.201	0.082	Kuiper et al (2008)	9.23805	0.207	0.00170138	0.207	303.57	0.171	0.9933455	0.072	1	4.8E-14	8	NOV	2014	12	50	1
14D30518	6.1 %	MV1203-D48-04	Alkali-Feldspar	Jahont Guyot	FCT-NM (4B9-14)	28.201	0.082	Kuiper et al (2008)	9.23805	0.207	0.00170138	0.207	303.57	0.171	0.9933455	0.072	1	4.8E-14	8	NOV	2014	13	2	1
14D30520	7.1 %	MV1203-D48-04	Alkali-Feldspar	Jahont Guyot	FCT-NM (4B9-14)	28.201	0.082	Kuiper et al (2008)	9.23805	0.207	0.00170138	0.207	303.57	0.171	0.9933455	0.072	1	4.8E-14	8	NOV	2014	13	27	1
14D30521	8.3 %	MV1203-D48-04	Alkali-Feldspar	Jahont Guyot	FCT-NM (4B9-14)	28.201	0.082	Kuiper et al (2008)	9.23805	0.207	0.00170138	0.207	303.57	0.171	0.9933455	0.072	1	4.8E-14	8	NOV	2014	13	39	1
14D30522	9.7 %	MV1203-D48-04	Alkali-Feldspar	Jahont Guyot	FCT-NM (4B9-14)	28.201	0.082	Kuiper et al (2008)	9.23805	0.207	0.00170138	0.207	303.57	0.171	0.9933455	0.072	1	4.8E-14	8	NOV	2014	13	52	1
14D30524	11.2 %	MV1203-D48-04	Alkali-Feldspar	Jahont Guyot	FCT-NM (4B9-14)	28.201	0.082	Kuiper et al (2008)	9.23805	0.207	0.00170138	0.207	303.57	0.171	0.9933455	0.072	1	4.8E-14	8	NOV	2014	14	17	1
14D30525	13.0 %	MV1203-D48-04	Alkali-Feldspar	Jahont Guyot	FCT-NM (4B9-14)	28.201	0.082	Kuiper et al (2008)	9.23805	0.207	0.00170138	0.207	303.57	0.171	0.9933455	0.072	1	4.8E-14	8	NOV	2014	14	29	1
14D30526	15.5 %	MV1203-D48-04	Alkali-Feldspar	Jahont Guyot	FCT-NM (4B9-14)	28.201	0.082	Kuiper et al (2008)	9.23805	0.207	0.00170138	0.207	303.57	0.171	0.9933455	0.072	1	4.8E-14	8	NOV	2014	14	42	1
14D30528	18.5 %	MV1203-D48-04	Alkali-Feldspar	Jahont Guyot	FCT-NM (4B9-14)	28.201	0.082	Kuiper et al (2008)	9.23805	0.207	0.00170138	0.207	303.57	0.171	0.9933455	0.072	1	4.8E-14	8	NOV	2014	15	6	1
14D30529	21.5 %	MV1203-D48-04	Alkali-Feldspar	Jahont Guyot	FCT-NM (4B9-14)	28.201	0.082	Kuiper et al (2008)	9.23805	0.207	0.00170138	0.207	303.57	0.171	0.9933455	0.072	1	4.8E-14	8	NOV	2014	15	19	1
14D30531	24.5 %	MV1203-D48-04	Alkali-Feldspar	Jahont Guyot	FCT-NM (4B9-14)	28.201	0.082	Kuiper et al (2008)	9.23805	0.207	0.00170138	0.207	303.57	0.171	0.9933455	0.072	1	4.8E-14	8	NOV	2014	15	44	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
14D30506	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
14D30508	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
14D30509	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
14D30510	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
14D30512	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
14D30513	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
14D30514	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
14D30516	4.5 %	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
14D30517	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
14D30518	6.1 %	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
14D30520	7.1 %	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
14D30521	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
14D30522	9.7 %	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
14D30524	11.2 %	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
14D30525	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
14D30526	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
14D30528	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
14D30529	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
14D30531	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

14D30505.AGE >>> MV1203-D48-04 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
11.94 ± 0.05
TOTAL FUSION
11.96 ± 0.05
NORMAL ISOCHRON
11.94 ± 0.05
INVERSE ISOCHRON
11.94 ± 0.05

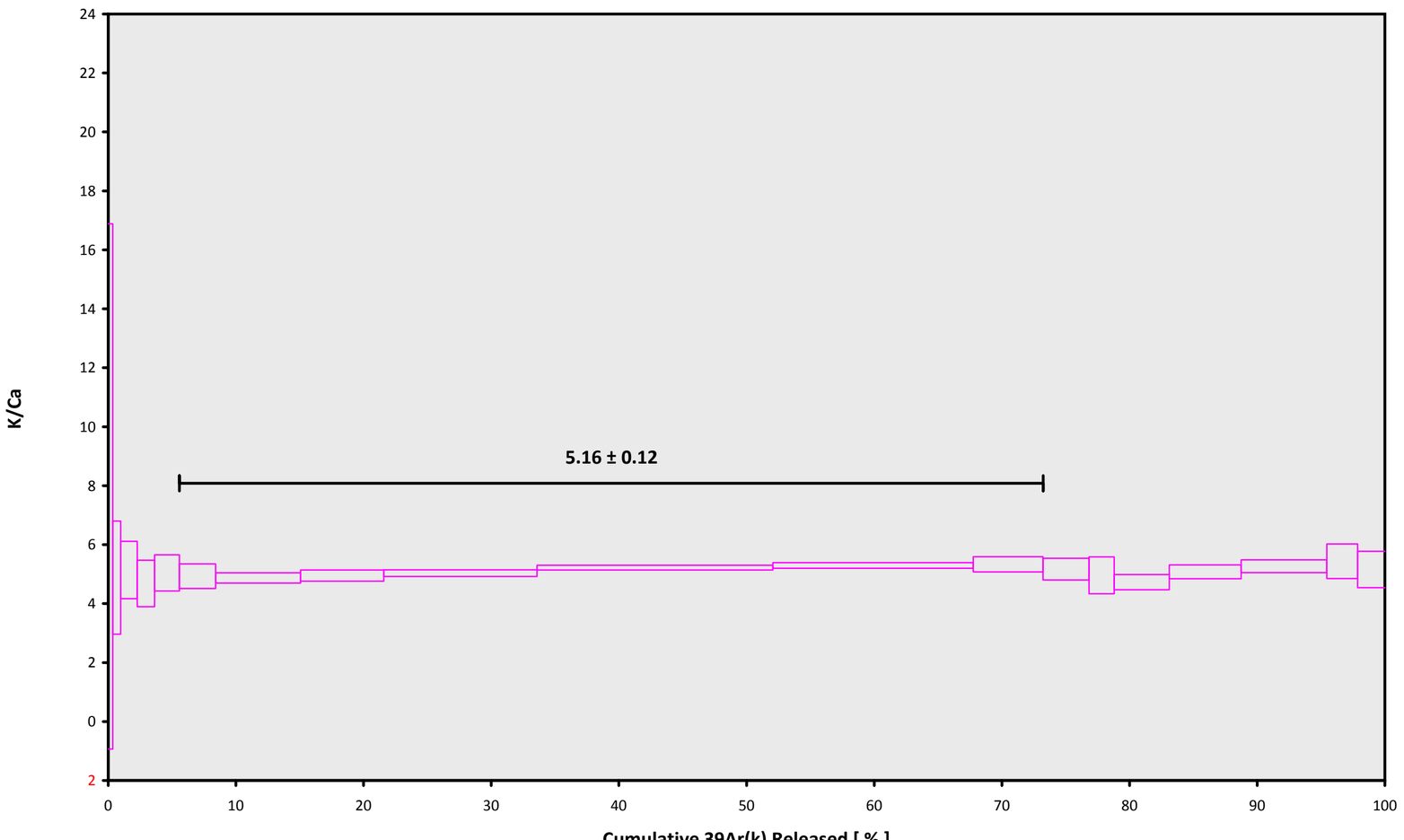
MSWD (PROBABILITY)
2.54 (2%)

Sample Info

Alkali-Feldspar
Jahont Guyot
Susan Schnur

IRR = 14-OSU-04 (4B9-14)
J = 0.00170138 ± 0.00000352

14D30505.AGE >>> MV1203-D48-04 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

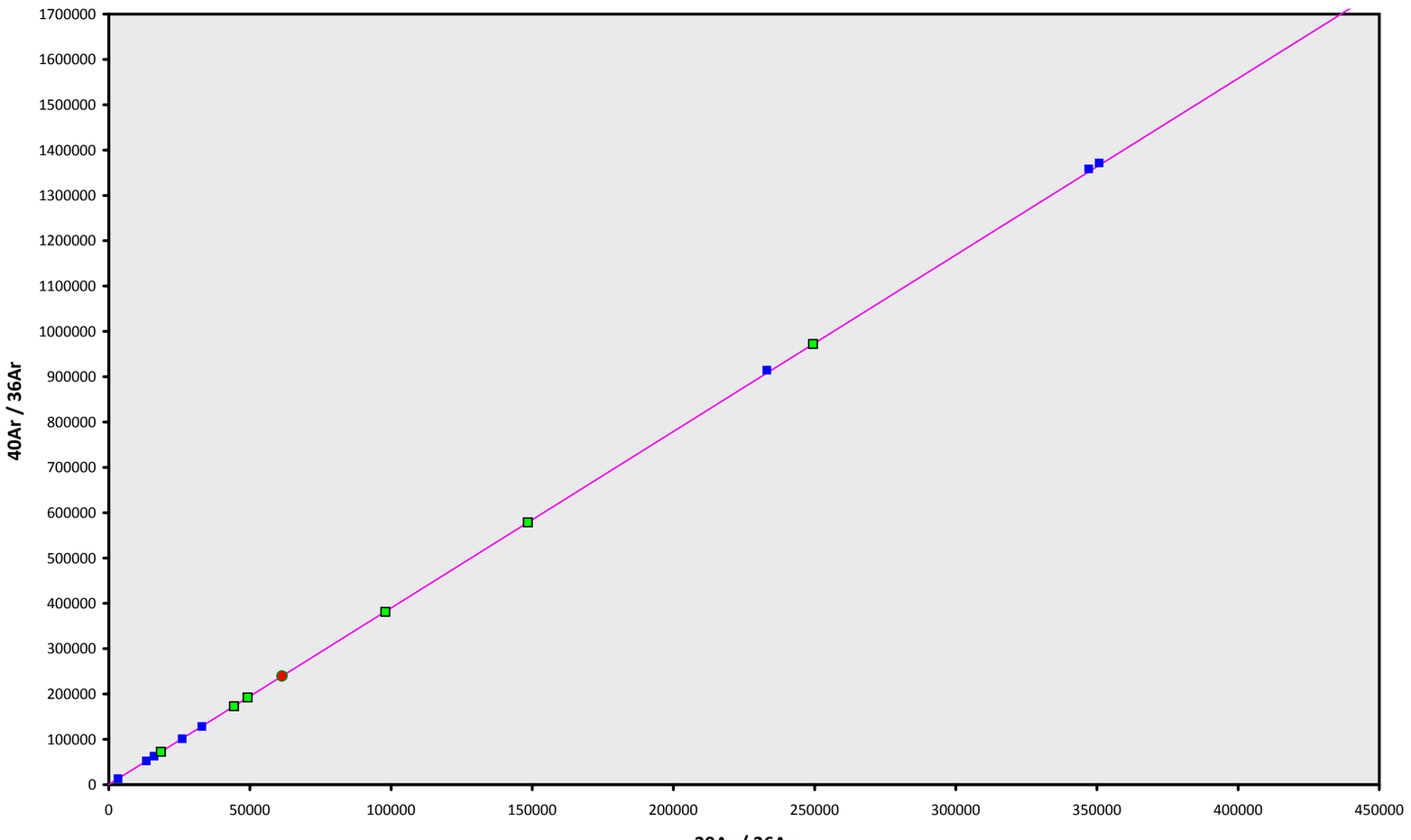
WEIGHTED PLATEAU
11.94 ± 0.05
TOTAL FUSION
11.96 ± 0.05
NORMAL ISOCHRON
11.94 ± 0.05
INVERSE ISOCHRON
11.94 ± 0.05

Sample Info

Alkali-Feldspar
Jahont Guyot
Susan Schnur

IRR = 14-OSU-04 (4B9-14)
J = 0.00170138 ± 0.00000352

14D30505.AGE >>> MV1203-D48-04 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
11.94 ± 0.05
TOTAL FUSION
11.96 ± 0.05
NORMAL ISOCHRON
11.94 ± 0.05
INVERSE ISOCHRON
11.94 ± 0.05

MSWD (PROBABILITY)
2.66 (2%)

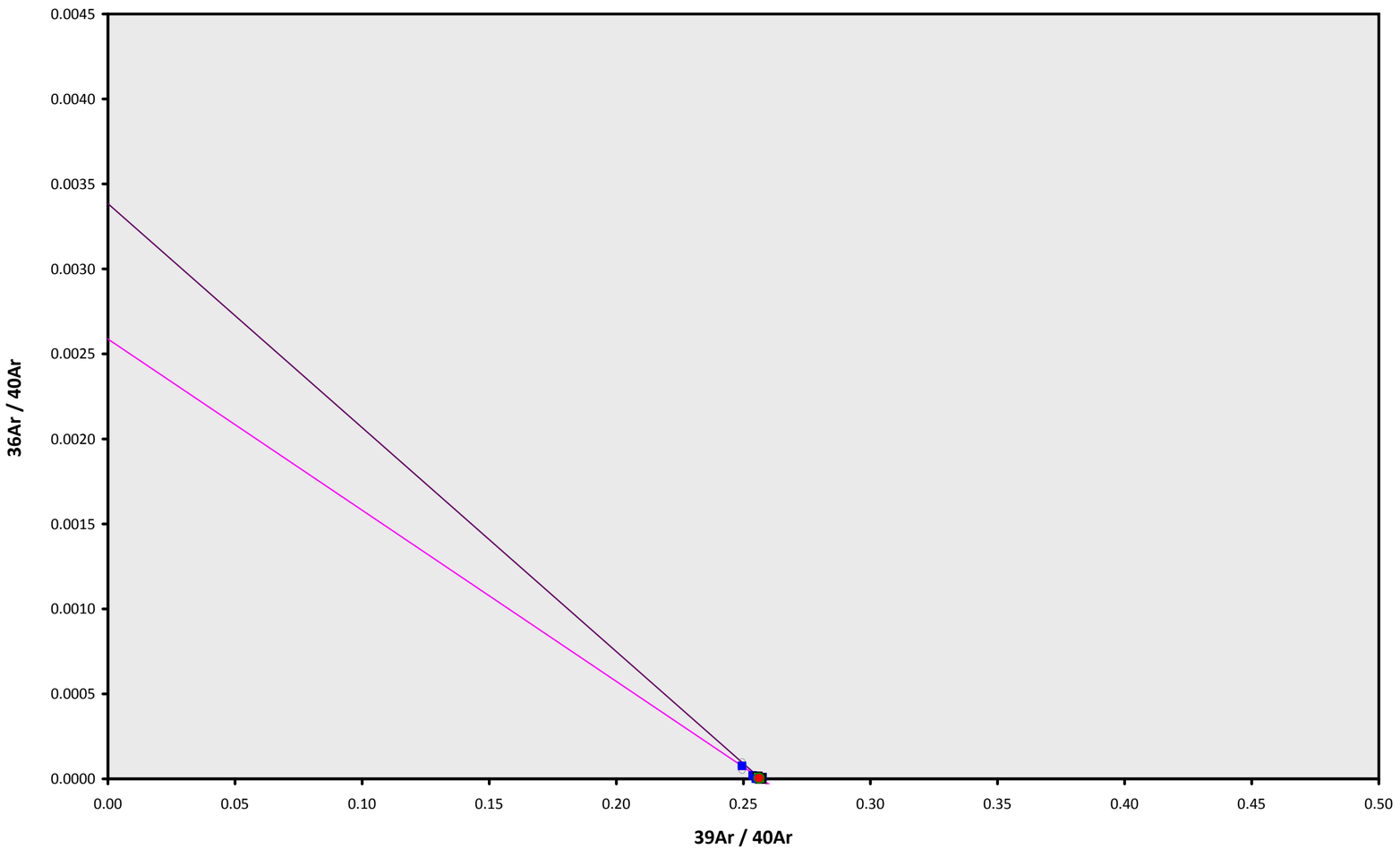
40AR/36AR INTERCEPT
278.5 ± 219.9

Sample Info

Alkali-Feldspar
Jahont Guyot
Susan Schnur

IRR = 14-OSU-04 (4B9-14)
J = 0.00170138 ± 0.00000352

14D30505.AGE >>> MV1203-D48-04 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
11.94 ± 0.05
TOTAL FUSION
11.96 ± 0.05
NORMAL ISOCHRON
11.94 ± 0.05
INVERSE ISOCHRON
11.94 ± 0.05

MSWD (PROBABILITY)
2.66 (2%)

SPREADING FACTOR
0.6%

40AR/36AR INTERCEPT
386.5 ± 206.5

Sample Info

Alkali-Feldspar
Jahont Guyot
Susan Schnur

IRR = 14-OSU-04 (4B9-14)
J = 0.00170138 ± 0.00000352