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
16D14960	1.0 %		0.0030199	10.481	0.098778	308.970	0.057413	41.367	4.3480	0.538	51.349	0.102	11.59878 ± 0.13459	35.62 ± 0.41	98.22	0.19	19 ± 117
16D14962	1.4 %		0.0025215	12.133	0.177206	166.628	0.105165	22.084	7.8325	0.309	88.974	0.059	11.26255 ± 0.07471	34.59 ± 0.23	99.15	0.34	19 ± 63
16D14963	1.8 %		0.0027049	12.225	0.169872	180.029	0.177167	13.909	13.4347	0.181	150.490	0.036	11.13941 ± 0.04369	34.22 ± 0.13	99.44	0.59	34 ± 122
16D14965	2.0 %		0.0025357	12.395	0.018108	1672.372	0.174398	14.522	14.6321	0.170	162.856	0.034	11.07485 ± 0.04054	34.02 ± 0.12	99.50	0.64	347 ± 11622
16D14966	2.4 %		0.0055704	6.050	0.448601	67.464	0.499461	4.675	39.7233	0.093	441.031	0.013	11.05831 ± 0.02141	33.97 ± 0.07	99.60	1.75	38 ± 51
16D14967	2.8 %	✓	0.0038449	8.531	0.217431	140.673	0.412149	5.650	33.7073	0.097	373.377	0.015	11.04010 ± 0.02253	33.92 ± 0.07	99.67	1.48	67 ± 188
16D14969	3.2 %	✓	0.0066971	5.586	0.750813	39.681	0.943776	2.568	76.5971	0.079	847.077	0.008	11.03007 ± 0.01787	33.89 ± 0.05	99.74	3.37	44 ± 35
16D14970	3.6 %	✓	0.0055874	6.726	0.696548	43.611	0.974126	2.409	82.1758	0.078	907.969	0.008	11.02592 ± 0.01752	33.87 ± 0.05	99.79	3.62	51 ± 44
16D14971	4.0 %	✓	0.0034671	9.853	0.398550	76.448	0.724477	3.455	61.2701	0.082	677.354	0.009	11.03523 ± 0.01850	33.90 ± 0.06	99.82	2.70	66 ± 101
16D14973	4.5 %	✓	0.0086874	4.876	1.217723	24.296	2.010226	1.264	169.0170	0.072	1867.794	0.004	11.03253 ± 0.01606	33.89 ± 0.05	99.83	7.44	60 ± 29
16D14974	5.0 %	✓	0.0061931	6.477	1.088440	27.967	1.607462	1.469	132.1841	0.073	1461.306	0.005	11.03814 ± 0.01634	33.91 ± 0.05	99.85	5.82	52 ± 29
16D14975	5.5 %	✓	0.0116764	3.838	1.545178	19.145	2.908560	0.838	244.2475	0.071	2700.671	0.004	11.03970 ± 0.01581	33.92 ± 0.05	99.84	10.75	68 ± 26
16D14977	6.0 %	✓	0.0050584	7.958	0.647262	45.851	1.431820	1.621	118.8882	0.074	1315.130	0.006	11.04598 ± 0.01644	33.94 ± 0.05	99.86	5.23	79 ± 72
16D14978	6.7 %	✓	0.0064692	6.233	0.994281	30.093	1.931726	1.242	162.5891	0.072	1797.397	0.005	11.03979 ± 0.01606	33.92 ± 0.05	99.86	7.16	70 ± 42
16D14979	7.4 %	✓	0.0057084	7.323	0.906741	33.758	1.990658	1.173	164.7864	0.072	1821.879	0.004	11.04242 ± 0.01604	33.92 ± 0.05	99.88	7.25	78 ± 53
16D14981	8.3 %	✓	0.0090069	5.171	1.108631	27.179	2.567017	0.961	215.5297	0.072	2382.418	0.004	11.03805 ± 0.01588	33.91 ± 0.05	99.86	9.49	84 ± 45
16D14982	9.5 %	✓	0.0112088	4.009	1.237251	24.751	2.542079	0.944	210.4304	0.071	2327.249	0.004	11.04042 ± 0.01583	33.92 ± 0.05	99.83	9.26	73 ± 36
16D14983	11.0 %	✓	0.0086164	5.487	0.649630	44.906	1.976047	1.188	165.0614	0.072	1827.055	0.004	11.05003 ± 0.01612	33.95 ± 0.05	99.83	7.27	109 ± 98
16D14985	13.0 %	✓	0.0066518	5.669	0.801527	35.616	1.733701	1.405	144.3535	0.073	1599.089	0.005	11.06063 ± 0.01616	33.98 ± 0.05	99.85	6.36	77 ± 55
16D14986	15.5 %		0.0056163	6.695	0.281525	101.606	1.047113	2.182	87.0592	0.076	966.679	0.007	11.08108 ± 0.01714	34.04 ± 0.05	99.80	3.83	133 ± 270
16D14988	18.5 %		0.0007279	46.602	0.150385	201.987	0.574437	4.221	50.0139	0.085	555.285	0.011	11.09476 ± 0.01942	34.08 ± 0.06	99.93	2.20	143 ± 578
16D14989	21.5 %		0.0007987	42.454	0.560586	55.298	0.590017	4.011	51.6239	0.085	574.611	0.011	11.12326 ± 0.01957	34.17 ± 0.06	99.93	2.27	40 ± 44
16D14991	23.0 %		0.0006351	50.387	0.297288	103.377	0.243590	9.790	21.9036	0.132	244.683	0.022	11.15971 ± 0.03113	34.28 ± 0.09	99.90	0.96	32 ± 66
		Σ	0.1230038	1.481	14.228580	10.135	27.222584	0.423	2271.4091	0.019	25141.724	0.001					

Information on Analysis and Constants Used in Calculations

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D27-01**
Material = **K-Feldspar**
Location = **Right Guyot**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **15-OSU-07 (7B14-15)**
Position = **X: 0 | Y: 0 | Z/H: 23.64 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **9.16487 ± 0.01283**
FCT-NM J-value = **0.00171496 ± 0.00000240**
Air Shot 40Ar/36Ar = **304.3690 ± 0.4900**
Air Shot MDF = **0.99270584 ± 0.00069631 (LIN)**
Experiment Type = **Incremental Heating**
Extraction Method = **Bulk Laser Heating**
Heating = **77 sec**
Isolation = **1.50 min**
Instrument = **ARGUS-VI-D**
Preferred Age = **Plateau Age**
Age Classification = **Eruption Age**
IGSN = **IESS10089**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Trachyte**
Lat-Lon = **35°36.4'S - 5°41.4'W**

Age Equations = **Min et al. (2000)**
Negative Intensities = **Allowed**
Collector Calibrations = **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		11.04029 ± 0.00460 (± 0.04%)	**33.92 ± 0.10 (± 0.28%)**	1.06	87.21	64 ± 11
				39%	14	
			Full External Error ± 0.77	1.78	2σ Confidence Limit	
			Analytical Error ± 0.01	1.0282	Error Magnification	
Total Fusion Age		11.04950 ± 0.00423 (± 0.04%)	**33.95 ± 0.10 (± 0.28%)**		23	69 ± 14
			Full External Error ± 0.77			
			Analytical Error ± 0.01			
Normal Isochron	**111.40 ± 257.66**	11.04980 ± 0.01400 (± 0.13%)	**33.95 ± 0.10 (± 0.30%)**	1.01	87.21	
	########			44%	14	
			Full External Error ± 0.77	1.82	2σ Confidence Limit	
			Analytical Error ± 0.04	1.0039	Error Magnification	
				1	Number of Iterations	
				0.0000001866	Convergence	
Inverse Isochron	**135.90 ± 75.28**	11.04850 ± 0.01404 (± 0.13%)	**33.94 ± 0.10 (± 0.30%)**	1.02	87.21	
Clustered Points	**± 55.39%**			43%	14	
			Full External Error ± 0.77	1.82	2σ Confidence Limit	
			Analytical Error ± 0.04	1.0106	Error Magnification	
Notes				4	Number of Iterations	
Good plateau				0.0000244580	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
16D14960	1.0 %		0.0030454	0.098778	0.0045394	4.3480	50.432	35.62 ± 0.41	98.22	0.19	19 ± 117
16D14962	1.4 %		0.0024723	0.177206	0.0104583	7.8324	88.213	34.59 ± 0.23	99.15	0.34	19 ± 63
16D14963	1.8 %		0.0026568	0.169872	0.0150261	13.4346	149.654	34.22 ± 0.13	99.44	0.59	34 ± 122
16D14965	2.0 %		0.0025405	0.018108	0.0000000	14.6321	162.049	34.02 ± 0.12	99.50	0.64	347 ± 11622
16D14966	2.4 %		0.0054470	0.448601	0.0205030	39.7230	439.270	33.97 ± 0.07	99.60	1.75	38 ± 51
16D14967	2.8 %	✓	0.0037859	0.217431	0.0058958	33.7071	372.130	33.92 ± 0.07	99.67	1.48	67 ± 188
16D14969	3.2 %	✓	0.0064931	0.750813	0.0209752	76.5966	844.866	33.89 ± 0.05	99.74	3.37	44 ± 35
16D14970	3.6 %	✓	0.0054019	0.696548	0.0000000	82.1753	906.059	33.87 ± 0.05	99.79	3.62	51 ± 44
16D14971	4.0 %	✓	0.0033609	0.398550	0.0000000	61.2699	676.127	33.90 ± 0.06	99.82	2.70	66 ± 101
16D14973	4.5 %	✓	0.0083631	1.217723	0.0000000	169.0162	1864.676	33.89 ± 0.05	99.83	7.44	60 ± 29
16D14974	5.0 %	✓	0.0059001	1.088440	0.0159835	132.1833	1459.058	33.91 ± 0.05	99.85	5.82	52 ± 29
16D14975	5.5 %	✓	0.0112649	1.545178	0.0000000	244.2465	2696.408	33.92 ± 0.05	99.84	10.75	68 ± 26
16D14977	6.0 %	✓	0.0048860	0.647262	0.0005207	118.8878	1313.232	33.94 ± 0.05	99.86	5.23	79 ± 72
16D14978	6.7 %	✓	0.0062044	0.994281	0.0000000	162.5884	1794.942	33.92 ± 0.05	99.86	7.16	70 ± 42
16D14979	7.4 %	✓	0.0054655	0.906741	0.0070339	164.7858	1819.634	33.92 ± 0.05	99.88	7.25	78 ± 53
16D14981	8.3 %	✓	0.0087117	1.108631	0.0000000	215.5290	2379.020	33.91 ± 0.05	99.86	9.49	84 ± 45
16D14982	9.5 %	✓	0.0108777	1.237251	0.0082789	210.4296	2323.230	33.92 ± 0.05	99.83	9.26	73 ± 36
16D14983	11.0 %	✓	0.0084434	0.649630	0.0000000	165.0610	1823.929	33.95 ± 0.05	99.83	7.27	109 ± 98
16D14985	13.0 %	✓	0.0064384	0.801527	0.0000000	144.3529	1596.635	33.98 ± 0.05	99.85	6.36	77 ± 55
16D14986	15.5 %		0.0055413	0.281525	0.0000000	87.0591	964.709	34.04 ± 0.05	99.80	3.83	133 ± 270
16D14988	18.5 %		0.0006879	0.150385	0.0000000	50.0138	554.891	34.08 ± 0.06	99.93	2.20	143 ± 578
16D14989	21.5 %		0.0006494	0.560586	0.0000000	51.6235	574.222	34.17 ± 0.06	99.93	2.27	40 ± 44
16D14991	23.0 %		0.0005560	0.297288	0.0000000	21.9034	244.435	34.28 ± 0.09	99.90	0.96	32 ± 66
		Σ	0.1191935	14.228580	0.1092148	2271.3994	25097.819				

Information on Analysis

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D27-01**
Material = **K-Feldspar**
Location = **Right Guyot**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **15-OSU-07 (7B14-15)**
J = **0.00171496 ± 0.00000240**
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	11.04029	± 0.00460	**33.92**	**± 0.10**	1.06	87.21	64 ± 11
		± 0.04%		**± 0.28%**	39%	14	
		Full External Error		± 0.77	1.78	2σ Confidence Limit	
		Analytical Error		± 0.01	1.0282	Error Magnification	
Total Fusion Age	11.04950	± 0.00423	**33.95**	**± 0.10**		23	69 ± 14
		± 0.04%		**± 0.28%**			
		Full External Error		± 0.77			
		Analytical Error		± 0.01			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
16D14960	1.0 %		1427.76 ± 306.82	16855.76 ± 3617.92	0.9987
16D14962	1.4 %		3168.07 ± 809.86	35976.06 ± 9194.10	0.9997
16D14963	1.8 %		5056.73 ± 1296.69	56624.45 ± 14518.76	0.9999
16D14965	2.0 %		5759.45 ± 1471.33	64080.52 ± 16368.84	0.9999
16D14966	2.4 %		7292.67 ± 928.04	80940.14 ± 10299.09	0.9999
16D14967	2.8 %	✓	8903.41 ± 1589.86	98590.01 ± 17604.00	0.9999
16D14969	3.2 %	✓	11796.64 ± 1389.68	130413.25 ± 15361.70	0.9999
16D14970	3.6 %	✓	15212.23 ± 2165.12	168024.39 ± 23913.12	0.9999
16D14971	4.0 %	✓	18229.94 ± 3809.16	201467.09 ± 42095.40	1.0000
16D14973	4.5 %	✓	20209.66 ± 2082.42	223259.14 ± 23002.59	0.9999
16D14974	5.0 %	✓	22403.42 ± 3108.31	247587.47 ± 34349.04	0.9999
16D14975	5.5 %	✓	21682.09 ± 1751.81	239659.28 ± 19360.30	0.9998
16D14977	6.0 %	✓	24332.46 ± 4086.59	269071.29 ± 45188.26	1.0000
16D14978	6.7 %	✓	26205.31 ± 3472.32	289596.59 ± 38370.55	0.9999
16D14979	7.4 %	✓	30150.04 ± 4699.53	333225.00 ± 51938.01	1.0000
16D14981	8.3 %	✓	24740.19 ± 2684.58	273378.90 ± 29662.00	0.9999
16D14982	9.5 %	✓	19345.07 ± 1624.87	213873.14 ± 17961.50	0.9999
16D14983	11.0 %	✓	19549.09 ± 2218.77	216313.48 ± 24548.97	0.9999
16D14985	13.0 %	✓	22420.69 ± 2679.26	248282.51 ± 29667.40	0.9999
16D14986	15.5 %		15710.99 ± 2175.72	174390.31 ± 24148.81	0.9999
16D14988	18.5 %		72709.65 ± 73724.34	806991.89 ± 818252.69	1.0000
16D14989	21.5 %		79497.93 ± 85442.55	884571.85 ± 950716.29	1.0000
16D14991	23.0 %		39396.44 ± 46814.02	439948.16 ± 522780.53	1.0000

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	**111.40 ± 257.66 ± 231.29%**	11.04980 ± 0.01400 ± 0.13%	**33.95 ± 0.10 ± 0.30%**	1.01 44%
			Full External Error ± 0.77	
			Analytical Error ± 0.04	

Statistics				
	2σ Confidence Limit	1.82	Convergence	0.000000186627
	Error Magnification	1.0039	Number of Iterations	1
	Number of Data Points	14	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
16D14960	1.0 %		0.0847045 ± 0.0009273	0.00005933 ± 0.00001273	0.0018
16D14962	1.4 %		0.0880605 ± 0.0005534	0.00002780 ± 0.00000710	0.0009
16D14963	1.8 %		0.0893029 ± 0.0003290	0.00001766 ± 0.00000453	0.0005
16D14965	2.0 %		0.0898783 ± 0.0003113	0.00001561 ± 0.00000399	0.0005
16D14966	2.4 %		0.0900996 ± 0.0001693	0.00001235 ± 0.00000157	0.0003
16D14967	2.8 %	✓	0.0903074 ± 0.0001778	0.00001014 ± 0.00000181	0.0003
16D14969	3.2 %	✓	0.0904558 ± 0.0001445	0.00000767 ± 0.00000090	0.0001
16D14970	3.6 %	✓	0.0905359 ± 0.0001420	0.00000595 ± 0.00000085	0.0001
16D14971	4.0 %	✓	0.0904860 ± 0.0001491	0.00000496 ± 0.00000104	0.0001
16D14973	4.5 %	✓	0.0905211 ± 0.0001312	0.00000448 ± 0.00000046	0.0001
16D14974	5.0 %	✓	0.0904869 ± 0.0001331	0.00000404 ± 0.00000056	0.0001
16D14975	5.5 %	✓	0.0904705 ± 0.0001292	0.00000417 ± 0.00000034	0.0001
16D14977	6.0 %	✓	0.0904313 ± 0.0001336	0.00000372 ± 0.00000062	0.0001
16D14978	6.7 %	✓	0.0904890 ± 0.0001311	0.00000345 ± 0.00000046	0.0000
16D14979	7.4 %	✓	0.0904795 ± 0.0001309	0.00000300 ± 0.00000047	0.0000
16D14981	8.3 %	✓	0.0904978 ± 0.0001298	0.00000366 ± 0.00000040	0.0000
16D14982	9.5 %	✓	0.0904511 ± 0.0001293	0.00000468 ± 0.00000039	0.0001
16D14983	11.0 %	✓	0.0903739 ± 0.0001311	0.00000462 ± 0.00000052	0.0000
16D14985	13.0 %	✓	0.0903031 ± 0.0001313	0.00000403 ± 0.00000048	0.0001
16D14986	15.5 %		0.0900910 ± 0.0001377	0.00000573 ± 0.00000079	0.0001
16D14988	18.5 %		0.0900996 ± 0.0001541	0.00000124 ± 0.00000126	0.0000
16D14989	21.5 %		0.0898717 ± 0.0001548	0.00000113 ± 0.00000122	0.0000
16D14991	23.0 %		0.0895479 ± 0.0002394	0.00000227 ± 0.00000270	0.0001

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	**135.90 ± 75.28**	11.04850 ± 0.01404	**33.94 ± 0.10**	1.02
Clustered Points	**± 55.39%**	± 0.13%	**± 0.30%**	43%
			Full External Error ± 0.77	
			Analytical Error ± 0.04	

Statistics				
	2σ Confidence Limit	1.82	Convergence	0.0000244580
	Error Magnification	1.0106	Number of Iterations	4
	Number of Data Points	14	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
16D14960	1.0 %		0.0030454	10.73	0.0000000	0.00	0.0000263	308.97	0.0000009	523.25	0.098778	308.97	0.0005692	10.73	0.0000000	0.00	0.052311	0.56	0.0000071	309.24	0.0045394	523.26	4.3480	0.54	0.0000667	308.97	50.432	0.22	0.899905	10.73	0.0000000	0.00	0.0166226	2.71
16D14962	1.4 %		0.0024723	12.78	0.0000000	0.00	0.0000472	166.63	0.0000020	222.10	0.177206	166.63	0.0004621	12.78	0.0000000	0.00	0.094232	0.35	0.0000127	167.12	0.0104583	222.10	7.8324	0.31	0.0001197	166.63	88.213	0.12	0.730565	12.78	0.0000000	0.00	0.0299433	2.68
16D14963	1.8 %		0.0026568	12.82	0.0000000	0.00	0.0000452	180.03	0.0000029	164.03	0.169872	180.03	0.0004966	12.82	0.0000000	0.00	0.161632	0.24	0.0000122	180.48	0.0150261	164.03	13.4346	0.18	0.0001148	180.03	149.654	0.08	0.785080	12.82	0.0000000	0.00	0.0513606	2.67
16D14965	2.0 %		0.0025405	12.77	0.0000000	0.00	0.0000048	######	0.0000000	0.00	0.018108	######	0.0004748	12.77	0.0000000	0.00	0.176039	0.23	0.0000013	######	0.0000000	0.00	14.6321	0.17	0.0000122	######	162.049	0.07	0.750732	12.77	0.0000000	0.00	0.0559387	2.67
16D14966	2.4 %		0.0054470	6.36	0.0000000	0.00	0.0001195	67.46	0.0000040	113.97	0.448601	67.46	0.0010180	6.36	0.0000000	0.00	0.477908	0.19	0.0000322	68.67	0.0205030	113.97	39.7230	0.09	0.0003031	67.48	439.270	0.03	1.609583	6.36	0.0000000	0.00	0.1518612	2.66
16D14967	2.8 %	✓	0.0037859	8.93	0.0000000	0.00	0.0000579	140.67	0.0000011	395.21	0.217431	140.67	0.0007076	8.93	0.0000000	0.00	0.405530	0.19	0.0000156	141.26	0.0058958	395.21	33.7071	0.10	0.0001469	140.68	372.130	0.03	1.118723	8.93	0.0000000	0.00	0.1288623	2.66
16D14969	3.2 %	✓	0.0064931	5.89	0.0000000	0.00	0.0001999	39.68	0.0000041	115.83	0.750813	39.68	0.0012136	5.89	0.0000000	0.00	0.921534	0.18	0.0000539	41.70	0.0209752	115.83	76.5966	0.08	0.0005072	39.70	844.866	0.02	1.918707	5.89	0.0000000	0.00	0.2928288	2.66
16D14970	3.6 %	✓	0.0054019	7.12	0.0000000	0.00	0.0001855	43.61	0.0000000	0.00	0.696548	43.61	0.0010096	7.12	0.0000000	0.00	0.988651	0.18	0.0000500	45.46	0.0000000	0.00	82.1753	0.08	0.0004706	43.63	906.059	0.01	1.596269	7.12	0.0000000	0.00	0.3141563	2.66
16D14971	4.0 %	✓	0.0033609	10.45	0.0000000	0.00	0.0001061	76.45	0.0000000	0.00	0.398550	76.45	0.0006282	10.45	0.0000000	0.00	0.737138	0.18	0.0000286	77.52	0.0000000	0.00	61.2699	0.08	0.0002693	76.46	676.127	0.02	0.993160	10.45	0.0000000	0.00	0.2342347	2.66
16D14973	4.5 %	✓	0.0083631	5.15	0.0000000	0.00	0.0003243	24.30	0.0000000	0.00	1.217723	24.30	0.0015631	5.15	0.0000000	0.00	2.033434	0.18	0.0000874	27.47	0.0000000	0.00	169.0162	0.07	0.0008227	24.33	1864.676	0.01	2.471308	5.15	0.0000000	0.00	0.6461490	2.66
16D14974	5.0 %	✓	0.0059001	6.94	0.0000000	0.00	0.0002899	27.97	0.0000031	148.80	1.088440	27.97	0.0011027	6.94	0.0000000	0.00	1.590298	0.18	0.0000782	30.77	0.0159835	148.80	132.1833	0.07	0.0007354	28.00	1459.058	0.01	1.743492	6.94	0.0000000	0.00	0.5053369	2.66
16D14975	5.5 %	✓	0.0112649	4.04	0.0000000	0.00	0.0004115	19.15	0.0000000	0.00	1.545178	19.14	0.0021054	4.04	0.0000000	0.00	2.938530	0.18	0.0001109	23.04	0.0000000	0.00	244.2465	0.07	0.0010439	19.19	2696.408	0.01	3.328777	4.04	0.0000000	0.00	0.9337543	2.66
16D14977	6.0 %	✓	0.0048860	8.40	0.0000000	0.00	0.0001724	45.85	0.0000001	######	0.647262	45.85	0.0009132	8.40	0.0000000	0.00	1.430339	0.18	0.0000465	47.61	0.0005207	######	118.8878	0.07	0.0004373	45.87	1313.232	0.01	1.443806	8.40	0.0000000	0.00	0.4545081	2.66
16D14978	6.7 %	✓	0.0062044	6.62	0.0000000	0.00	0.0002648	30.09	0.0000000	0.00	0.994281	30.09	0.0011596	6.62	0.0000000	0.00	1.956101	0.18	0.0000714	32.71	0.0000000	0.00	162.5884	0.07	0.0006717	30.12	1794.942	0.01	1.833402	6.62	0.0000000	0.00	0.6215755	2.66
16D14979	7.4 %	✓	0.0054655	7.79	0.0000000	0.00	0.0002415	33.76	0.0000014	335.69	0.906741	33.76	0.0010215	7.79	0.0000000	0.00	1.982537	0.18	0.0000651	36.11	0.0070339	335.69	164.7858	0.07	0.0006126	33.78	1819.634	0.01	1.615062	7.79	0.0000000	0.00	0.6299760	2.66
16D14981	8.3 %	✓	0.0087117	5.43	0.0000000	0.00	0.0002952	27.18	0.0000000	0.00	1.108631	27.18	0.0016282	5.43	0.0000000	0.00	2.593029	0.18	0.0000796	30.05	0.0000000	0.00	215.5290	0.07	0.0007490	27.21	2379.020	0.01	2.574306	5.43	0.0000000	0.00	0.8239673	2.66
16D14982	9.5 %	✓	0.0108777	4.20	0.0000000	0.00	0.0003295	24.75	0.0000016	294.79	1.237251	24.75	0.0020330	4.20	0.0000000	0.00	2.531678	0.18	0.0000888	27.87	0.0082789	294.79	210.4296	0.07	0.0008359	24.79	2323.230	0.01	3.214356	4.20	0.0000000	0.00	0.8044723	2.66
16D14983	11.0 %	✓	0.0084434	5.67	0.0000000	0.00	0.0001730	44.91	0.0000000	0.00	0.649630	44.91	0.0015781	5.67	0.0000000	0.00	1.985849	0.18	0.0000466	46.70	0.0000000	0.00	165.0610	0.07	0.0004389	44.93	1823.929	0.01	2.495028	5.67	0.0000000	0.00	0.6310282	2.66
16D14985	13.0 %	✓	0.0064384	5.97	0.0000000	0.00	0.0002134	35.62	0.0000000	0.00	0.801527	35.62	0.0012033	5.97	0.0000000	0.00	1.736710	0.18	0.0000575	37.85	0.0000000	0.00	144.3529	0.07	0.0005415	35.64	1596.635	0.01	1.902542	5.97	0.0000000	0.00	0.5518613	2.66
16D14986	15.5 %		0.0055413	6.92	0.0000000	0.00	0.0000750	101.61	0.0000000	0.00	0.281525	101.61	0.0010357	6.92	0.0000000	0.00	1.047407	0.18	0.0000202	102.41	0.0000000	0.00	87.0591	0.08	0.0001902	101.61	964.709	0.01	1.637449	6.92	0.0000000	0.00	0.3328268	2.66
16D14988	18.5 %		0.0006879	50.70	0.0000000	0.00	0.0000400	201.99	0.0000000	0.00	0.150385	201.99	0.0001286	50.70	0.0000000	0.00	0.601716	0.18	0.0000108	202.39	0.0000000	0.00	50.0138	0.08	0.0001016	201.99	554.891	0.02	0.203261	50.70	0.0000000	0.00	0.1912027	2.66
16D14989	21.5 %		0.0006494	53.74	0.0000000	0.00	0.0001493	55.30	0.0000000	0.00	0.560586	55.30	0.0001214	53.74	0.0000000	0.00	0.621083	0.18	0.0000403	56.76	0.0000000	0.00	51.6235	0.09	0.0003787	55.31	574.222	0.02	0.191889	53.74	0.0000000	0.00	0.1973568	2.66
16D14991	23.0 %		0.0005560	59.41	0.0000000	0.00	0.0000792	103.38	0.0000000	0.00	0.297288	103.38	0.0001039	59.41	0.0000000	0.00	0.263520	0.21	0.0000213	104.17	0.0000000	0.00	21.9034	0.13	0.0002008	103.39	244.435	0.05	0.164290	59.41	0.0000000	0.00	0.0837367	2.66
		Σ	0.1191935	1.56	0.0000000	0.00	0.0037891	10.13	0.0000212	68.85	14.228580	10.13	0.0222773	1.56	0.0000000	0.00	27.327207	0.05	0.0010216	10.65	0.1092148	68.85	2271.3994	0.02	0.0096128	10.14	25097.819	0.00	35.221691	1.56	0.0000000	0.00	8.6835601	0.69
		Σ							0.1230038	1.55	14.228580	10.13									27.459720	0.28			2271.4091	0.02							25141.724	0.00

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
16D14960	1.0 %		11.809752	0.064639	0.022718	0.070192	0.000695	0.000073	119.583	10.638484	1.00084502	2.465E-12
16D14962	1.4 %		11.359477	0.035692	0.022624	0.037698	0.000322	0.000039	119.595	10.640965	1.00084510	4.271E-12
16D14963	1.8 %		11.201576	0.020632	0.012644	0.022763	0.000201	0.000025	119.601	10.642133	1.00084514	7.224E-12
16D14965	2.0 %		11.129991	0.019272	0.001238	0.020697	0.000173	0.000021	119.612	10.644615	1.00084522	7.817E-12
16D14966	2.4 %		11.102569	0.010429	0.011293	0.007619	0.000140	0.000008	119.619	10.645929	1.00084527	2.117E-11
16D14967	2.8 %	✓	11.077060	0.010905	0.006451	0.009074	0.000114	0.000010	119.624	10.647097	1.00084531	1.792E-11
16D14969	3.2 %	✓	11.058867	0.008833	0.009802	0.003890	0.000087	0.000005	119.637	10.649726	1.00084540	4.066E-11
16D14970	3.6 %	✓	11.049106	0.008666	0.008476	0.003697	0.000068	0.000005	119.642	10.650895	1.00084544	4.358E-11
16D14971	4.0 %	✓	11.055213	0.009109	0.006505	0.004973	0.000057	0.000006	119.649	10.652210	1.00084548	3.251E-11
16D14973	4.5 %	✓	11.050920	0.008005	0.007205	0.001750	0.000051	0.000003	119.660	10.654694	1.00084556	8.965E-11
16D14974	5.0 %	✓	11.055087	0.008128	0.008234	0.002303	0.000047	0.000003	119.666	10.655863	1.00084560	7.014E-11
16D14975	5.5 %	✓	11.057105	0.007897	0.006326	0.001211	0.000048	0.000002	119.672	10.657179	1.00084565	1.296E-10
16D14977	6.0 %	✓	11.061905	0.008169	0.005444	0.002496	0.000043	0.000003	119.684	10.659664	1.00084573	6.313E-11
16D14978	6.7 %	✓	11.054843	0.008007	0.006115	0.001840	0.000040	0.000002	119.690	10.660834	1.00084577	8.628E-11
16D14979	7.4 %	✓	11.056004	0.007994	0.005503	0.001858	0.000035	0.000003	119.696	10.662150	1.00084581	8.745E-11
16D14981	8.3 %	✓	11.053779	0.007924	0.005144	0.001398	0.000042	0.000002	119.708	10.664636	1.00084590	1.144E-10
16D14982	9.5 %	✓	11.059471	0.007903	0.005880	0.001455	0.000053	0.000002	119.713	10.665807	1.00084594	1.117E-10
16D14983	11.0 %	✓	11.068938	0.008026	0.003936	0.001767	0.000052	0.000003	119.719	10.667124	1.00084598	8.770E-11
16D14985	13.0 %	✓	11.077595	0.008053	0.005553	0.001978	0.000046	0.000003	119.731	10.669611	1.00084606	7.676E-11
16D14986	15.5 %		11.103690	0.008488	0.003234	0.003286	0.000065	0.000004	119.737	10.670929	1.00084611	4.640E-11
16D14988	18.5 %		11.102629	0.009493	0.003007	0.006073	0.000015	0.000007	119.749	10.673417	1.00084619	2.665E-11
16D14989	21.5 %		11.130721	0.009585	0.010859	0.006005	0.000015	0.000007	119.755	10.674588	1.00084623	2.758E-11
16D14991	23.0 %		11.170927	0.014929	0.013573	0.014031	0.000029	0.000015	119.767	10.677078	1.00084631	1.174E-11

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
16D14960	1.0 %	0.0027013 ± 0.0002553	0.0290447 ± 0.0210130	0.0572066 ± 0.0163077	0.0041701 ± 0.0158030	0.5982556 ± 0.0480674
16D14962	1.4 %	0.0025155 ± 0.0002553	0.0246616 ± 0.0210130	0.0488153 ± 0.0163077	0.0048850 ± 0.0158030	0.5696676 ± 0.0480674
16D14963	1.8 %	0.0024530 ± 0.0002553	0.0229767 ± 0.0210130	0.0461395 ± 0.0163077	0.0081908 ± 0.0158030	0.5667779 ± 0.0480674
16D14965	2.0 %	0.0023644 ± 0.0002553	0.0202299 ± 0.0210130	0.0425987 ± 0.0163077	0.0131769 ± 0.0158030	0.5772843 ± 0.0480674
16D14966	2.4 %	0.0023381 ± 0.0002553	0.0192360 ± 0.0210130	0.0416781 ± 0.0163077	0.0147110 ± 0.0158030	0.5896743 ± 0.0480674
16D14967	2.8 %	0.0023248 ± 0.0002553	0.0186151 ± 0.0210130	0.0412925 ± 0.0163077	0.0154514 ± 0.0158030	0.6034160 ± 0.0480674
16D14969	3.2 %	0.0023226 ± 0.0002553	0.0180782 ± 0.0210130	0.0415292 ± 0.0163077	0.0150851 ± 0.0158030	0.6398500 ± 0.0480674
16D14970	3.6 %	0.0023313 ± 0.0002553	0.0181939 ± 0.0210130	0.0419755 ± 0.0163077	0.0140826 ± 0.0158030	0.6570077 ± 0.0480674
16D14971	4.0 %	0.0023466 ± 0.0002553	0.0185568 ± 0.0210130	0.0426275 ± 0.0163077	0.0123970 ± 0.0158030	0.6760346 ± 0.0480674
16D14973	4.5 %	0.0023863 ± 0.0002553	0.0198121 ± 0.0210130	0.0440514 ± 0.0163077	0.0078085 ± 0.0158030	0.7088914 ± 0.0480674
16D14974	5.0 %	0.0024080 ± 0.0002553	0.0206059 ± 0.0210130	0.0447149 ± 0.0163077	0.0051218 ± 0.0158030	0.7220977 ± 0.0480674
16D14975	5.5 %	0.0024335 ± 0.0002553	0.0216057 ± 0.0210130	0.0453968 ± 0.0163077	0.0017898 ± 0.0158030	0.7347073 ± 0.0480674
16D14977	6.0 %	0.0024816 ± 0.0002553	0.0236387 ± 0.0210130	0.0463684 ± 0.0163077	0.0050883 ± 0.0158030	0.7509931 ± 0.0480674
16D14978	6.7 %	0.0025029 ± 0.0002553	0.0245782 ± 0.0210130	0.0466388 ± 0.0163077	0.0084347 ± 0.0158030	0.7549525 ± 0.0480674
16D14979	7.4 %	0.0025250 ± 0.0002553	0.0255520 ± 0.0210130	0.0467789 ± 0.0163077	0.0121539 ± 0.0158030	0.7564830 ± 0.0480674
16D14981	8.3 %	0.0025599 ± 0.0002553	0.0269263 ± 0.0210130	0.0465497 ± 0.0163077	0.0186341 ± 0.0158030	0.7511348 ± 0.0480674
16D14982	9.5 %	0.0025725 ± 0.0002553	0.0272520 ± 0.0210130	0.0462249 ± 0.0163077	0.0212360 ± 0.0158030	0.7451583 ± 0.0480674
16D14983	11.0 %	0.0025835 ± 0.0002553	0.0272818 ± 0.0210130	0.0457106 ± 0.0163077	0.0236554 ± 0.0158030	0.7361300 ± 0.0480674
16D14985	13.0 %	0.0025945 ± 0.0002553	0.0260785 ± 0.0210130	0.0443999 ± 0.0163077	0.0262432 ± 0.0158030	0.7138738 ± 0.0480674
16D14986	15.5 %	0.0025952 ± 0.0002553	0.0246080 ± 0.0210130	0.0435949 ± 0.0163077	0.0262649 ± 0.0158030	0.7003449 ± 0.0480674
16D14988	18.5 %	0.0025877 ± 0.0002553	0.0198391 ± 0.0210130	0.0420770 ± 0.0163077	0.0230159 ± 0.0158030	0.6744350 ± 0.0480674
16D14989	21.5 %	0.0025806 ± 0.0002553	0.0165344 ± 0.0210130	0.0414587 ± 0.0163077	0.0197150 ± 0.0158030	0.6633458 ± 0.0480674
16D14991	23.0 %	0.0025599 ± 0.0002553	0.0068120 ± 0.0210130	0.0406469 ± 0.0163077	0.0081454 ± 0.0158030	0.6460024 ± 0.0480674

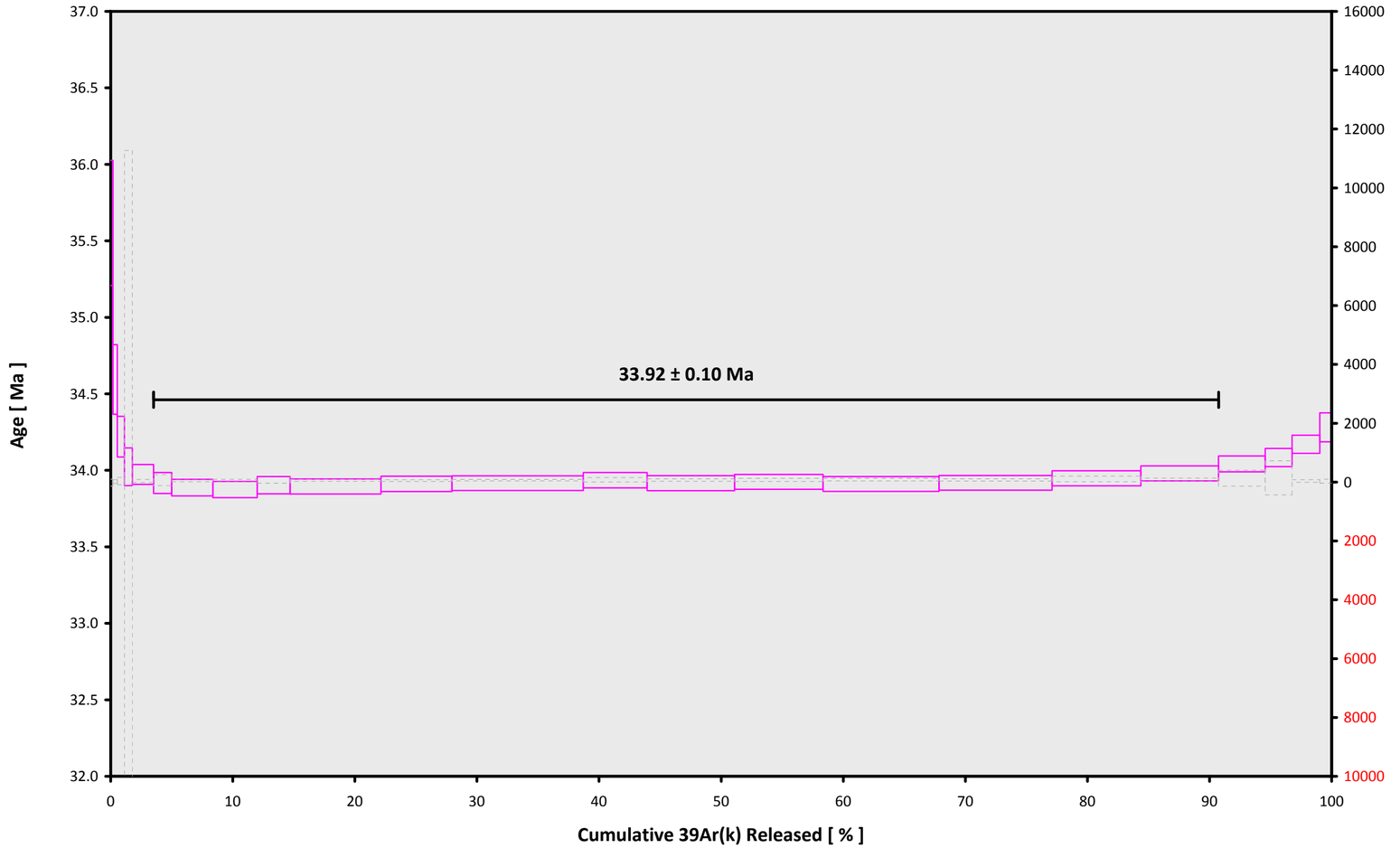
Intercept Values		36Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	37Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	38Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	39Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	40Ar ± 1σ (SE) [fA]	r2	Regression (type,n)
16D14960	1.0 %	0.0056112 ± 0.0001667	0.8807	EXP 150 of 150	0.0199627 ± 0.0185975	0.0012	EXP 150 of 150	0.0006312 ± 0.0167860	0.0000	EXP 150 of 150	4.308509 ± 0.016702	0.6758	EXP 150 of 150	51.94678 ± 0.02095	0.9884	EXP 150 of 150
16D14962	1.4 %	0.0049451 ± 0.0001473	0.9222	EXP 150 of 150	0.0409509 ± 0.0171803	0.0060	EXP 150 of 150	0.0548156 ± 0.0160557	0.0168	EXP 150 of 150	7.773838 ± 0.017181	0.8772	EXP 150 of 150	89.54323 ± 0.02217	0.0459	EXP 150 of 150
16D14963	1.8 %	0.0050594 ± 0.0001905	0.8980	EXP 150 of 150	0.0385901 ± 0.0186693	0.0057	EXP 150 of 150	0.1284433 ± 0.0179911	0.0135	EXP 150 of 150	13.333867 ± 0.015580	0.9663	EXP 150 of 150	151.05709 ± 0.02472	0.9924	EXP 150 of 150
16D14965	2.0 %	0.0048077 ± 0.0001628	0.9291	EXP 150 of 150	0.0185659 ± 0.0182443	0.0021	EXP 150 of 150	0.1292551 ± 0.0188891	0.0007	EXP 150 of 150	14.526524 ± 0.015963	0.9726	EXP 150 of 150	163.43284 ± 0.02606	0.9945	EXP 150 of 150
16D14966	2.4 %	0.0077056 ± 0.0002001	0.9451	EXP 150 of 150	0.0604536 ± 0.0182117	0.0002	EXP 150 of 150	0.4504980 ± 0.0162160	0.0843	EXP 150 of 150	39.415563 ± 0.018209	0.9953	EXP 150 of 150	441.62086 ± 0.03404	0.9996	EXP 150 of 150
16D14967	2.8 %	0.0060296 ± 0.0001860	0.9519	EXP 150 of 150	0.0385905 ± 0.0186561	0.0002	EXP 150 of 150	0.3648452 ± 0.0161345	0.0428	EXP 150 of 150	33.449055 ± 0.016098	0.9949	EXP 150 of 150	373.98072 ± 0.03166	0.9994	EXP 150 of 150
16D14969	3.2 %	0.0087756 ± 0.0002538	0.9609	EXP 150 of 150	0.0870383 ± 0.0175259	0.0090	EXP 149 of 150	0.8884813 ± 0.0174008	0.1522	EXP 150 of 150	75.990319 ± 0.023807	0.9979	EXP 150 of 150	847.71696 ± 0.04720	0.9998	EXP 150 of 150
16D14970	3.6 %	0.0077152 ± 0.0002563	0.9661	EXP 150 of 150	0.0821630 ± 0.0183484	0.0005	EXP 150 of 150	0.9179422 ± 0.0163322	0.0804	EXP 150 of 150	81.522731 ± 0.023304	0.9982	EXP 150 of 150	908.62615 ± 0.04844	0.9998	EXP 150 of 150
16D14971	4.0 %	0.0056873 ± 0.0002076	0.9697	EXP 150 of 150	0.0551540 ± 0.0184714	0.0072	EXP 150 of 150	0.6712824 ± 0.0184825	0.0150	EXP 150 of 150	60.785096 ± 0.020411	0.9975	EXP 150 of 150	678.03039 ± 0.03914	0.9998	EXP 150 of 150
16D14973	4.5 %	0.0107571 ± 0.0003175	0.9816	EXP 150 of 150	0.1316046 ± 0.0172046	0.0009	EXP 150 of 150	1.9368541 ± 0.0188052	0.2213	EXP 150 of 150	167.652625 ± 0.025911	0.9995	EXP 150 of 150	1868.50261 ± 0.06443	0.9999	EXP 150 of 150
16D14974	5.0 %	0.0083754 ± 0.0002897	0.9785	EXP 150 of 150	0.1205188 ± 0.0184137	0.0018	EXP 150 of 150	1.5393012 ± 0.0164511	0.2334	EXP 150 of 150	131.116018 ± 0.023888	0.9993	EXP 150 of 150	1462.02858 ± 0.05973	0.9999	EXP 150 of 150
16D14975	5.5 %	0.0136844 ± 0.0003468	0.9888	EXP 150 of 150	0.1634270 ± 0.0171847	0.0010	EXP 150 of 150	2.8207392 ± 0.0171463	0.4168	EXP 150 of 150	242.266313 ± 0.028934	0.9997	EXP 150 of 150	2701.40524 ± 0.09121	0.9999	EXP 150 of 150
16D14977	6.0 %	0.0073557 ± 0.0002917	0.9769	EXP 150 of 150	0.0830326 ± 0.0173209	0.0002	EXP 150 of 150	1.3645670 ± 0.0159048	0.1781	EXP 150 of 150	117.917905 ± 0.021686	0.9993	EXP 150 of 150	1315.88141 ± 0.06022	0.9999	EXP 150 of 150
16D14978	6.7 %	0.0087363 ± 0.0002924	0.9851	EXP 150 of 150	0.1158051 ± 0.0176627	0.0014	EXP 150 of 150	1.8569115 ± 0.0169124	0.2483	EXP 150 of 150	161.260586 ± 0.024344	0.9995	EXP 150 of 150	1798.15177 ± 0.06675	0.9999	EXP 150 of 150
16D14979	7.4 %	0.0080254 ± 0.0003112	0.9842	EXP 150 of 150	0.1087367 ± 0.0186252	0.0129	EXP 150 of 150	1.9148438 ± 0.0159988	0.3477	EXP 149 of 150	163.436314 ± 0.024030	0.9995	EXP 150 of 150	1822.63532 ± 0.05919	0.9999	EXP 150 of 150
16D14981	8.3 %	0.0112386 ± 0.0003683	0.9848	EXP 150 of 150	0.1286087 ± 0.0179463	0.0058	EXP 150 of 150	2.4830258 ± 0.0176643	0.4003	EXP 150 of 150	213.761189 ± 0.027811	0.9996	EXP 150 of 150	2383.16912 ± 0.07572	0.9999	EXP 150 of 150
16D14982	9.5 %	0.0133728 ± 0.0003484	0.9864	EXP 150 of 150	0.1407190 ± 0.0186276	0.0001	EXP 150 of 150	2.4587760 ± 0.0167556	0.4052	EXP 150 of 150	208.700668 ± 0.024101	0.9997	EXP 150 of 150	2327.99428 ± 0.07621	0.9999	EXP 150 of 150
16D14983	11.0 %	0.0108859 ± 0.0003765	0.9779	EXP 150 of 150	0.0868513 ± 0.0165520	0.0214	EXP 150 of 150	1.9015140 ± 0.0161750	0.2658	EXP 150 of 150	163.697617 ± 0.025588	0.9995	EXP 150 of 150	1827.79091 ± 0.06512	0.9999	EXP 150 of 150
16D14985	13.0 %	0.0090039 ± 0.0002579	0.9865	EXP 150 of 150	0.0995595 ± 0.0155979	0.0002	EXP 150 of 150	1.6640136 ± 0.0174504	0.2510	EXP 150 of 150	143.155189 ± 0.022041	0.9995	EXP 150 of 150	1599.80323 ± 0.06287	0.9999	EXP 150 of 150
16D14986	15.5 %	0.0080068 ± 0.0002567	0.9748	EXP 150 of 150	0.0504139 ± 0.0156827	0.0067	EXP 150 of 150	0.9882451 ± 0.0154599	0.1263	EXP 150 of 150	86.326114 ± 0.020295	0.9988	EXP 150 of 150	967.37916 ± 0.05332	0.9998	EXP 150 of 150
16D14988	18.5 %	0.0032891 ± 0.0002041	0.9687	EXP 150 of 150	0.0336209 ± 0.0182584	0.0065	EXP 150 of 150	0.5239816 ± 0.0174475	0.0097	EXP 150 of 150	49.584776 ± 0.017703	0.9971	EXP 150 of 150	555.95993 ± 0.03774	0.9996	EXP 150 of 150
16D14989	21.5 %	0.0033502 ± 0.0002039	0.9705	EXP 150 of 150	0.0679028 ± 0.0191130	0.0138	EXP 150 of 150	0.5399522 ± 0.0166520	0.0195	EXP 150 of 150	51.185042 ± 0.019435	0.9967	EXP 150 of 150	575.27471 ± 0.04140	0.9995	EXP 150 of 150
16D14991	23.0 %	0.0031719 ± 0.0001730	0.9506	EXP 150 of 150	0.0340472 ± 0.0187387	0.0014	EXP 150 of 150	0.1993898 ± 0.0169170	0.0019	EXP 150 of 150	21.717605 ± 0.018385	0.9818	EXP 150 of 150	245.32948 ± 0.02681	0.9964	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
16D14960	1.0 %	Susan Schnur	15-OSU-07	0.00	0.00	23.64	Walvis Ridge\MV1203 (13-INT-04)	16D14956	01
16D14962	1.4 %	Susan Schnur	15-OSU-07	0.00	0.00	23.64	Walvis Ridge\MV1203 (13-INT-04)	16D14956	01
16D14963	1.8 %	Susan Schnur	15-OSU-07	0.00	0.00	23.64	Walvis Ridge\MV1203 (13-INT-04)	16D14956	01
16D14965	2.0 %	Susan Schnur	15-OSU-07	0.00	0.00	23.64	Walvis Ridge\MV1203 (13-INT-04)	16D14956	01
16D14966	2.4 %	Susan Schnur	15-OSU-07	0.00	0.00	23.64	Walvis Ridge\MV1203 (13-INT-04)	16D14956	01
16D14967	2.8 %	Susan Schnur	15-OSU-07	0.00	0.00	23.64	Walvis Ridge\MV1203 (13-INT-04)	16D14956	01
16D14969	3.2 %	Susan Schnur	15-OSU-07	0.00	0.00	23.64	Walvis Ridge\MV1203 (13-INT-04)	16D14956	01
16D14970	3.6 %	Susan Schnur	15-OSU-07	0.00	0.00	23.64	Walvis Ridge\MV1203 (13-INT-04)	16D14956	01
16D14971	4.0 %	Susan Schnur	15-OSU-07	0.00	0.00	23.64	Walvis Ridge\MV1203 (13-INT-04)	16D14956	01
16D14973	4.5 %	Susan Schnur	15-OSU-07	0.00	0.00	23.64	Walvis Ridge\MV1203 (13-INT-04)	16D14956	01
16D14974	5.0 %	Susan Schnur	15-OSU-07	0.00	0.00	23.64	Walvis Ridge\MV1203 (13-INT-04)	16D14956	01
16D14975	5.5 %	Susan Schnur	15-OSU-07	0.00	0.00	23.64	Walvis Ridge\MV1203 (13-INT-04)	16D14956	01
16D14977	6.0 %	Susan Schnur	15-OSU-07	0.00	0.00	23.64	Walvis Ridge\MV1203 (13-INT-04)	16D14956	01
16D14978	6.7 %	Susan Schnur	15-OSU-07	0.00	0.00	23.64	Walvis Ridge\MV1203 (13-INT-04)	16D14956	01
16D14979	7.4 %	Susan Schnur	15-OSU-07	0.00	0.00	23.64	Walvis Ridge\MV1203 (13-INT-04)	16D14956	01
16D14981	8.3 %	Susan Schnur	15-OSU-07	0.00	0.00	23.64	Walvis Ridge\MV1203 (13-INT-04)	16D14956	01
16D14982	9.5 %	Susan Schnur	15-OSU-07	0.00	0.00	23.64	Walvis Ridge\MV1203 (13-INT-04)	16D14956	01
16D14983	11.0 %	Susan Schnur	15-OSU-07	0.00	0.00	23.64	Walvis Ridge\MV1203 (13-INT-04)	16D14956	01
16D14985	13.0 %	Susan Schnur	15-OSU-07	0.00	0.00	23.64	Walvis Ridge\MV1203 (13-INT-04)	16D14956	01
16D14986	15.5 %	Susan Schnur	15-OSU-07	0.00	0.00	23.64	Walvis Ridge\MV1203 (13-INT-04)	16D14956	01
16D14988	18.5 %	Susan Schnur	15-OSU-07	0.00	0.00	23.64	Walvis Ridge\MV1203 (13-INT-04)	16D14956	01
16D14989	21.5 %	Susan Schnur	15-OSU-07	0.00	0.00	23.64	Walvis Ridge\MV1203 (13-INT-04)	16D14956	01
16D14991	23.0 %	Susan Schnur	15-OSU-07	0.00	0.00	23.64	Walvis Ridge\MV1203 (13-INT-04)	16D14956	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
16D14960	1.0 %	MV1203-D27-01	K-Feldspar	Right Guyot	FCT-NM (7B14-15)	28.201	0.082	Kuiper et al (2008)	9.16487	0.14	0.00171496	0.140	304.369	0.161	0.9927058	0.070	1	4.8E-14	16	APR	2016	4	29	1
16D14962	1.4 %	MV1203-D27-01	K-Feldspar	Right Guyot	FCT-NM (7B14-15)	28.201	0.082	Kuiper et al (2008)	9.16487	0.14	0.00171496	0.140	304.369	0.161	0.9927058	0.070	1	4.8E-14	16	APR	2016	4	46	1
16D14963	1.8 %	MV1203-D27-01	K-Feldspar	Right Guyot	FCT-NM (7B14-15)	28.201	0.082	Kuiper et al (2008)	9.16487	0.14	0.00171496	0.140	304.369	0.161	0.9927058	0.070	1	4.8E-14	16	APR	2016	4	54	1
16D14965	2.0 %	MV1203-D27-01	K-Feldspar	Right Guyot	FCT-NM (7B14-15)	28.201	0.082	Kuiper et al (2008)	9.16487	0.14	0.00171496	0.140	304.369	0.161	0.9927058	0.070	1	4.8E-14	16	APR	2016	5	11	1
16D14966	2.4 %	MV1203-D27-01	K-Feldspar	Right Guyot	FCT-NM (7B14-15)	28.201	0.082	Kuiper et al (2008)	9.16487	0.14	0.00171496	0.140	304.369	0.161	0.9927058	0.070	1	4.8E-14	16	APR	2016	5	20	1
16D14967	2.8 %	MV1203-D27-01	K-Feldspar	Right Guyot	FCT-NM (7B14-15)	28.201	0.082	Kuiper et al (2008)	9.16487	0.14	0.00171496	0.140	304.369	0.161	0.9927058	0.070	1	4.8E-14	16	APR	2016	5	28	1
16D14969	3.2 %	MV1203-D27-01	K-Feldspar	Right Guyot	FCT-NM (7B14-15)	28.201	0.082	Kuiper et al (2008)	9.16487	0.14	0.00171496	0.140	304.369	0.161	0.9927058	0.070	1	4.8E-14	16	APR	2016	5	46	1
16D14970	3.6 %	MV1203-D27-01	K-Feldspar	Right Guyot	FCT-NM (7B14-15)	28.201	0.082	Kuiper et al (2008)	9.16487	0.14	0.00171496	0.140	304.369	0.161	0.9927058	0.070	1	4.8E-14	16	APR	2016	5	54	1
16D14971	4.0 %	MV1203-D27-01	K-Feldspar	Right Guyot	FCT-NM (7B14-15)	28.201	0.082	Kuiper et al (2008)	9.16487	0.14	0.00171496	0.140	304.369	0.161	0.9927058	0.070	1	4.8E-14	16	APR	2016	6	3	1
16D14973	4.5 %	MV1203-D27-01	K-Feldspar	Right Guyot	FCT-NM (7B14-15)	28.201	0.082	Kuiper et al (2008)	9.16487	0.14	0.00171496	0.140	304.369	0.161	0.9927058	0.070	1	4.8E-14	16	APR	2016	6	20	1
16D14974	5.0 %	MV1203-D27-01	K-Feldspar	Right Guyot	FCT-NM (7B14-15)	28.201	0.082	Kuiper et al (2008)	9.16487	0.14	0.00171496	0.140	304.369	0.161	0.9927058	0.070	1	4.8E-14	16	APR	2016	6	28	1
16D14975	5.5 %	MV1203-D27-01	K-Feldspar	Right Guyot	FCT-NM (7B14-15)	28.201	0.082	Kuiper et al (2008)	9.16487	0.14	0.00171496	0.140	304.369	0.161	0.9927058	0.070	1	4.8E-14	16	APR	2016	6	37	1
16D14977	6.0 %	MV1203-D27-01	K-Feldspar	Right Guyot	FCT-NM (7B14-15)	28.201	0.082	Kuiper et al (2008)	9.16487	0.14	0.00171496	0.140	304.369	0.161	0.9927058	0.070	1	4.8E-14	16	APR	2016	6	54	1
16D14978	6.7 %	MV1203-D27-01	K-Feldspar	Right Guyot	FCT-NM (7B14-15)	28.201	0.082	Kuiper et al (2008)	9.16487	0.14	0.00171496	0.140	304.369	0.161	0.9927058	0.070	1	4.8E-14	16	APR	2016	7	2	1
16D14979	7.4 %	MV1203-D27-01	K-Feldspar	Right Guyot	FCT-NM (7B14-15)	28.201	0.082	Kuiper et al (2008)	9.16487	0.14	0.00171496	0.140	304.369	0.161	0.9927058	0.070	1	4.8E-14	16	APR	2016	7	11	1
16D14981	8.3 %	MV1203-D27-01	K-Feldspar	Right Guyot	FCT-NM (7B14-15)	28.201	0.082	Kuiper et al (2008)	9.16487	0.14	0.00171496	0.140	304.369	0.161	0.9927058	0.070	1	4.8E-14	16	APR	2016	7	28	1
16D14982	9.5 %	MV1203-D27-01	K-Feldspar	Right Guyot	FCT-NM (7B14-15)	28.201	0.082	Kuiper et al (2008)	9.16487	0.14	0.00171496	0.140	304.369	0.161	0.9927058	0.070	1	4.8E-14	16	APR	2016	7	36	1
16D14983	11.0 %	MV1203-D27-01	K-Feldspar	Right Guyot	FCT-NM (7B14-15)	28.201	0.082	Kuiper et al (2008)	9.16487	0.14	0.00171496	0.140	304.369	0.161	0.9927058	0.070	1	4.8E-14	16	APR	2016	7	45	1
16D14985	13.0 %	MV1203-D27-01	K-Feldspar	Right Guyot	FCT-NM (7B14-15)	28.201	0.082	Kuiper et al (2008)	9.16487	0.14	0.00171496	0.140	304.369	0.161	0.9927058	0.070	1	4.8E-14	16	APR	2016	8	2	1
16D14986	15.5 %	MV1203-D27-01	K-Feldspar	Right Guyot	FCT-NM (7B14-15)	28.201	0.082	Kuiper et al (2008)	9.16487	0.14	0.00171496	0.140	304.369	0.161	0.9927058	0.070	1	4.8E-14	16	APR	2016	8	11	1
16D14988	18.5 %	MV1203-D27-01	K-Feldspar	Right Guyot	FCT-NM (7B14-15)	28.201	0.082	Kuiper et al (2008)	9.16487	0.14	0.00171496	0.140	304.369	0.161	0.9927058	0.070	1	4.8E-14	16	APR	2016	8	28	1
16D14989	21.5 %	MV1203-D27-01	K-Feldspar	Right Guyot	FCT-NM (7B14-15)	28.201	0.082	Kuiper et al (2008)	9.16487	0.14	0.00171496	0.140	304.369	0.161	0.9927058	0.070	1	4.8E-14	16	APR	2016	8	36	1
16D14991	23.0 %	MV1203-D27-01	K-Feldspar	Right Guyot	FCT-NM (7B14-15)	28.201	0.082	Kuiper et al (2008)	9.16487	0.14	0.00171496	0.140	304.369	0.161	0.9927058	0.070	1	4.8E-14	16	APR	2016	8	53	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
16D14960	1.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D14962	1.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D14963	1.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D14965	2.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D14966	2.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D14967	2.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D14969	3.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D14970	3.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D14971	4.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D14973	4.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D14974	5.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D14975	5.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D14977	6.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D14978	6.7 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D14979	7.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D14981	8.3 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D14982	9.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D14983	11.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D14985	13.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D14986	15.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D14988	18.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D14989	21.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D14991	23.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0

16D14956.AGE >>> MV1203-D27-01 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
33.92 ± 0.10
TOTAL FUSION
33.95 ± 0.10
NORMAL ISOCHRON
33.95 ± 0.10
INVERSE ISOCHRON
33.94 ± 0.10

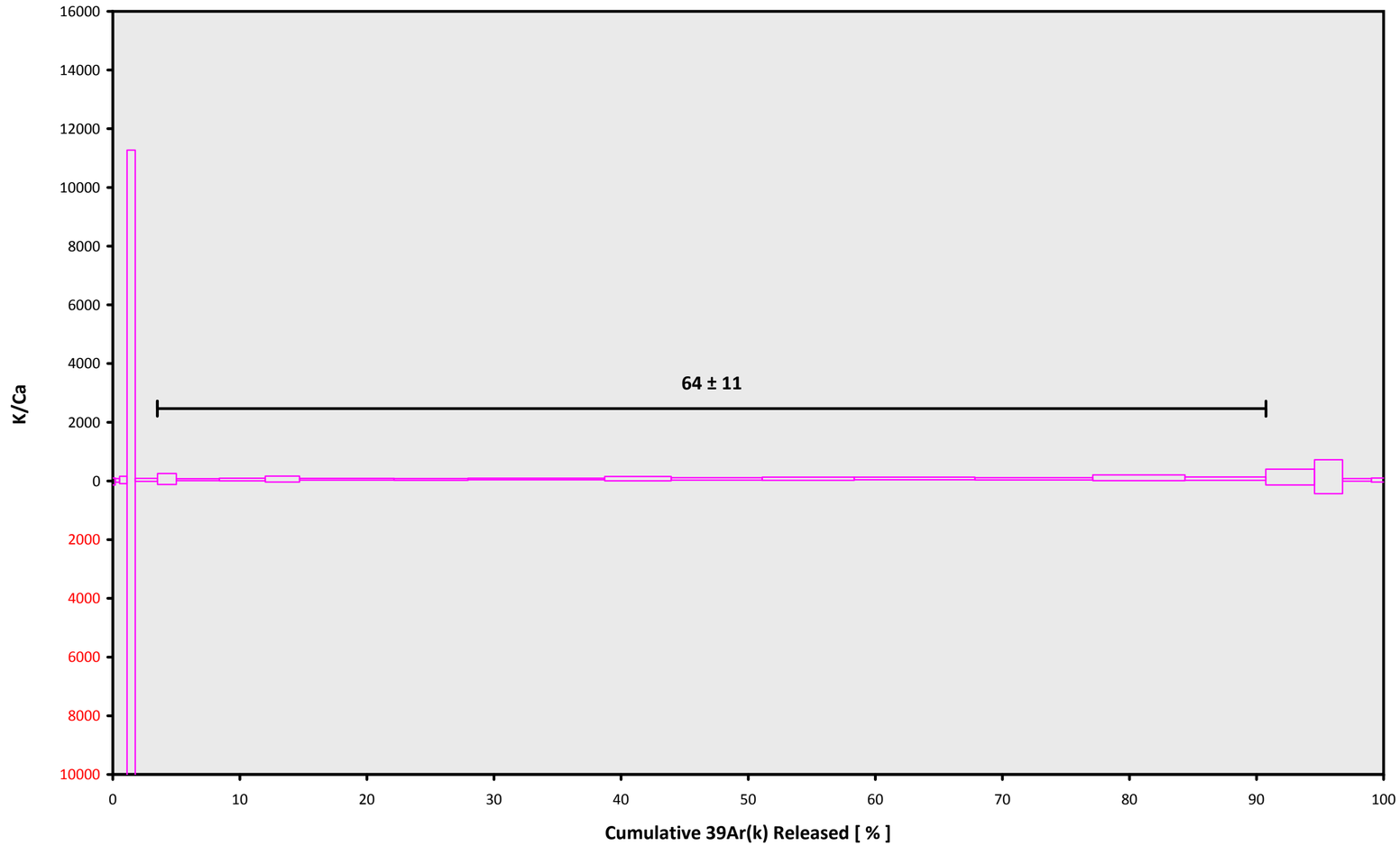
MSWD (PROBABILITY)
1.06 (39%)

Sample Info

K-Feldspar
Right Guyot
Susan Schnur

IRR = 15-OSU-07 (7B14-15)
J = 0.00171496 ± 0.00000240

16D14956.AGE >>> MV1203-D27-01 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

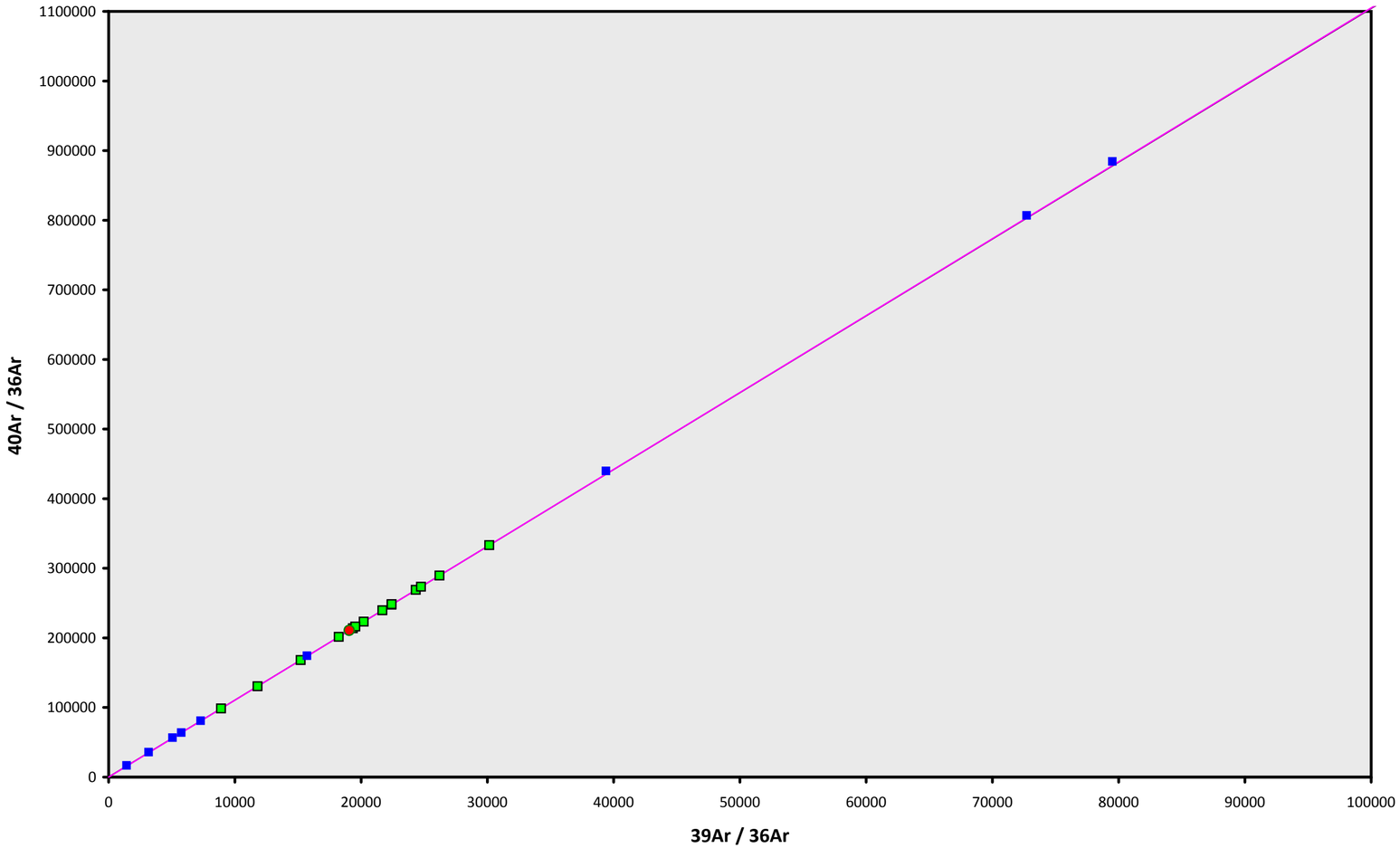
WEIGHTED PLATEAU
33.92 ± 0.10
TOTAL FUSION
33.95 ± 0.10
NORMAL ISOCHRON
33.95 ± 0.10
INVERSE ISOCHRON
33.94 ± 0.10

Sample Info

K-Feldspar
Right Guyot
Susan Schnur

IRR = 15-OSU-07 (7B14-15)
J = 0.00171496 ± 0.00000240

16D14956.AGE >>> MV1203-D27-01 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
33.92 ± 0.10
TOTAL FUSION
33.95 ± 0.10
NORMAL ISOCHRON
33.95 ± 0.10
INVERSE ISOCHRON
33.94 ± 0.10

MSWD (PROBABILITY)
1.01 (44%)

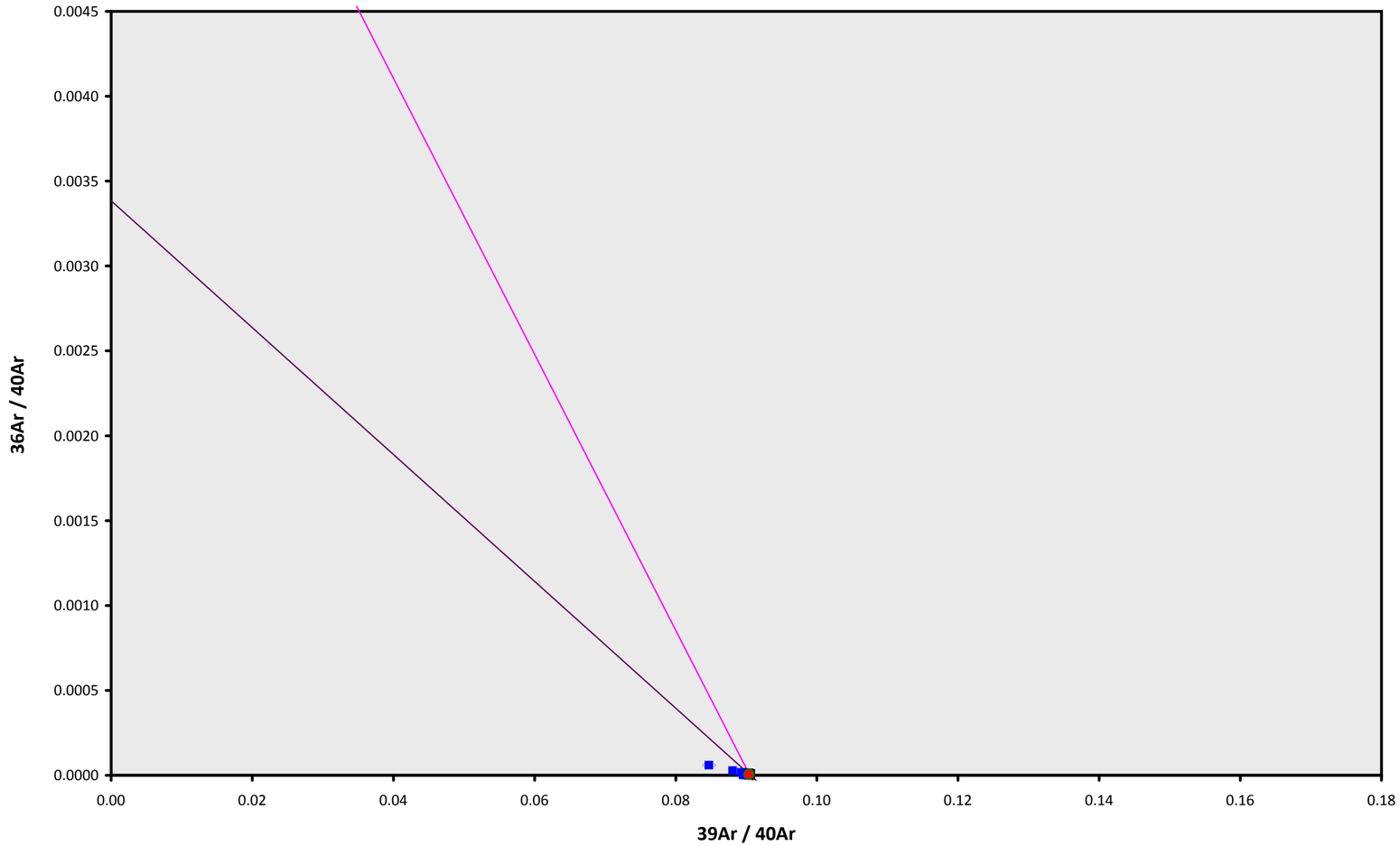
40AR/36AR INTERCEPT
111.4 ± 257.7

Sample Info

K-Feldspar
Right Guyot
Susan Schnur

IRR = 15-OSU-07 (7B14-15)
J = 0.00171496 ± 0.00000240

16D14956.AGE >>> MV1203-D27-01 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
33.92 ± 0.10
TOTAL FUSION
33.95 ± 0.10
NORMAL ISOCHRON
33.95 ± 0.10
INVERSE ISOCHRON
33.94 ± 0.10

MSWD (PROBABILITY)
1.02 (43%)

SPREADING FACTOR
0.3%

40AR/36AR INTERCEPT
135.9 ± 75.3

Sample Info

K-Feldspar
Right Guyot
Susan Schnur

IRR = 15-OSU-07 (7B14-15)
J = 0.00171496 ± 0.00000240