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
16D16339	1.8 %		0.6032627	0.361	105.3721	0.536	2.208103	1.062	175.8843	0.072	2422.734	0.004	12.80957 ± 0.01993	40.30 ± 0.06	92.96	10.01	0.717 ± 0.008
16D16341	1.9 %		0.0926253	0.671	66.2007	0.664	1.344965	1.666	112.9157	0.074	1417.918	0.005	12.36212 ± 0.01856	38.91 ± 0.06	98.41	6.43	0.733 ± 0.010
16D16342	2.0 %		0.0464492	1.067	37.6252	1.008	0.751060	3.180	62.5107	0.081	786.302	0.008	12.40768 ± 0.02073	39.05 ± 0.06	98.60	3.56	0.714 ± 0.014
16D16343	2.1 %		0.0482391	1.027	52.6630	0.769	0.971961	2.460	82.1936	0.077	1032.434	0.006	12.43955 ± 0.01952	39.15 ± 0.06	98.99	4.68	0.671 ± 0.010
16D16345	**2.2 %**	✓	**0.0316339**	**1.249**	**35.5129**	**1.055**	**0.618057**	**3.940**	**52.3026**	**0.083**	**659.084**	**0.008**	**12.47798 ± 0.02136**	**39.27 ± 0.07**	**98.98**	**2.98**	**0.633 ± 0.013**
16D16346	**2.3 %**	✓	**0.0403457**	**1.157**	**59.2307**	**0.705**	**0.945094**	**2.512**	**79.7660**	**0.077**	**1002.526**	**0.006**	**12.47975 ± 0.01967**	**39.27 ± 0.06**	**99.25**	**4.54**	**0.579 ± 0.008**
16D16347	**2.4 %**	✓	**0.0208331**	**1.779**	**27.9296**	**1.279**	**0.449975**	**5.463**	**36.4438**	**0.098**	**459.626**	**0.012**	**12.50596 ± 0.02547**	**39.35 ± 0.08**	**99.11**	**2.07**	**0.561 ± 0.014**
16D16349	**2.5 %**	✓	**0.0209801**	**1.835**	**30.5910**	**1.224**	**0.446659**	**5.066**	**37.9114**	**0.093**	**477.038**	**0.011**	**12.48591 ± 0.02423**	**39.29 ± 0.08**	**99.17**	**2.16**	**0.533 ± 0.013**
16D16350	**2.6 %**	✓	**0.0239059**	**1.680**	**42.1106**	**0.907**	**0.561667**	**4.284**	**48.7908**	**0.087**	**614.072**	**0.009**	**12.51243 ± 0.02252**	**39.37 ± 0.07**	**99.36**	**2.78**	**0.498 ± 0.009**
16D16351	**2.7 %**	✓	**0.0424753**	**1.117**	**84.7298**	**0.595**	**1.068591**	**2.051**	**87.9914**	**0.076**	**1103.485**	**0.005**	**12.47825 ± 0.01926**	**39.27 ± 0.06**	**99.44**	**5.01**	**0.446 ± 0.005**
16D16353	**2.8 %**	✓	**0.0264804**	**1.529**	**58.1127**	**0.706**	**0.630449**	**3.549**	**54.2611**	**0.083**	**681.226**	**0.009**	**12.49989 ± 0.02137**	**39.34 ± 0.07**	**99.49**	**3.09**	**0.401 ± 0.006**
16D16354	**2.9 %**	✓	**0.0298378**	**1.352**	**67.2722**	**0.647**	**0.703633**	**3.195**	**57.6864**	**0.082**	**723.664**	**0.008**	**12.48974 ± 0.02093**	**39.30 ± 0.07**	**99.48**	**3.28**	**0.368 ± 0.005**
16D16355	**3.0 %**	✓	**0.0261225**	**1.616**	**64.8713**	**0.678**	**0.614639**	**3.672**	**50.6720**	**0.085**	**634.167**	**0.009**	**12.47052 ± 0.02190**	**39.24 ± 0.07**	**99.56**	**2.88**	**0.336 ± 0.005**
16D16357	**3.2 %**	✓	**0.0171788**	**2.037**	**39.8622**	**0.971**	**0.359340**	**6.722**	**30.2299**	**0.105**	**378.515**	**0.013**	**12.46433 ± 0.02732**	**39.23 ± 0.09**	**99.46**	**1.72**	**0.326 ± 0.006**
16D16358	3.4 %		0.0325920	1.306	78.6870	0.622	0.654500	3.665	54.2608	0.083	677.757	0.008	12.43571 ± 0.02137	39.14 ± 0.07	99.46	3.09	0.296 ± 0.004
16D16359	3.6 %		0.0469713	1.103	107.6556	0.531	0.869966	2.564	71.6608	0.078	893.319	0.007	12.39924 ± 0.02008	39.02 ± 0.06	99.36	4.08	0.286 ± 0.003
16D16361	3.8 %		0.0232212	1.651	60.6445	0.710	0.489191	4.718	41.1700	0.093	512.928	0.011	12.41655 ± 0.02409	39.08 ± 0.07	99.56	2.34	0.292 ± 0.004
16D16362	4.0 %		0.0205127	1.777	49.0559	0.798	0.406569	5.837	33.9450	0.099	422.086	0.012	12.37783 ± 0.02565	38.96 ± 0.08	99.45	1.93	0.297 ± 0.005
16D16363	4.3 %		0.0179069	2.074	43.4589	0.896	0.354812	6.874	31.3635	0.104	389.358	0.013	12.36246 ± 0.02687	38.91 ± 0.08	99.49	1.78	0.310 ± 0.006
16D16365	4.6 %		0.0406036	1.135	72.7806	0.645	0.650265	3.500	57.0596	0.083	703.005	0.008	12.21735 ± 0.02103	38.46 ± 0.07	99.08	3.25	0.337 ± 0.004
16D16366	4.9 %		0.0150545	2.382	29.5487	1.213	0.316773	7.080	26.3929	0.115	324.796	0.016	12.23117 ± 0.02951	38.50 ± 0.09	99.32	1.50	0.384 ± 0.009
16D16367	5.2 %		0.0494689	0.920	57.7059	0.714	0.740072	3.127	58.3687	0.083	710.077	0.008	11.99696 ± 0.02068	37.77 ± 0.06	98.55	3.32	0.435 ± 0.006
16D16369	5.5 %		0.0236578	1.574	30.9456	1.192	0.439778	5.499	36.1119	0.097	436.566	0.011	11.96623 ± 0.02427	37.67 ± 0.08	98.92	2.06	0.501 ± 0.012
16D16370	5.8 %		0.0247862	1.610	28.9571	1.253	0.421701	5.673	36.3468	0.095	433.317	0.012	11.78546 ± 0.02363	37.11 ± 0.07	98.80	2.07	0.539 ± 0.014
16D16371	6.2 %		0.0126699	2.696	16.4786	2.180	0.217256	10.503	20.7421	0.136	247.798	0.019	11.83118 ± 0.03401	37.25 ± 0.11	98.98	1.18	0.541 ± 0.024
16D16373	6.6 %		0.0176467	2.083	19.2626	1.738	0.288983	8.079	25.3179	0.114	298.457	0.016	11.64444 ± 0.02823	36.67 ± 0.09	98.73	1.44	0.565 ± 0.020
16D16374	7.0 %		0.0161548	2.114	17.3439	2.039	0.276485	8.870	22.8310	0.125	267.450	0.018	11.56714 ± 0.03054	36.43 ± 0.10	98.69	1.30	0.566 ± 0.023
16D16375	7.6 %		0.0386316	1.232	35.0554	1.078	0.514407	4.401	42.9027	0.089	493.390	0.010	11.30085 ± 0.02144	35.60 ± 0.07	98.21	2.44	0.526 ± 0.011
16D16377	8.3 %		0.0306461	1.323	27.8619	1.250	0.412519	5.699	32.0900	0.106	371.592	0.014	11.36868 ± 0.02544	35.81 ± 0.08	98.12	1.83	0.495 ± 0.012
16D16378	9.0 %		0.0379444	1.152	35.5446	1.019	0.463536	5.048	36.8748	0.093	418.855	0.012	11.13408 ± 0.02211	35.08 ± 0.07	97.96	2.10	0.446 ± 0.009
16D16379	9.8 %		0.0380784	1.103	35.0535	1.084	0.403882	5.847	32.7948	0.100	373.190	0.013	11.12476 ± 0.02371	35.05 ± 0.07	97.69	1.87	0.402 ± 0.009
16D16381	11.0 %		0.0580170	0.869	49.7997	0.813	0.492438	4.809	36.8704	0.094	413.724	0.013	10.86851 ± 0.02224	34.25 ± 0.07	96.77	2.10	0.318 ± 0.005
16D16382	13.0 %		0.1219752	0.565	119.8894	0.512	0.678132	3.523	49.5748	0.085	549.816	0.010	10.56740 ± 0.01996	33.31 ± 0.06	95.13	2.82	0.178 ± 0.002
16D16383	15.5 %		0.1198986	0.580	136.2730	0.497	0.371619	6.199	24.0025	0.115	289.052	0.017	11.05197 ± 0.03143	34.82 ± 0.10	91.42	1.36	0.075 ± 0.001
16D16385	18.5 %		0.1041254	0.616	144.6268	0.494	0.173741	13.182	11.3573	0.216	147.495	0.030	11.37380 ± 0.06147	35.83 ± 0.19	86.83	0.64	0.033 ± 0.000
16D16386	21.5 %		0.0528024	0.934	79.2834	0.603	0.082470	29.347	4.1734	0.545	56.965	0.075	11.55060 ± 0.14859	36.38 ± 0.46	83.54	0.23	0.022 ± 0.000
16D16388	23.0 %		0.0265946	1.336	31.6999	1.137	0.011976	192.245	1.5396	1.501	23.114	0.182	11.68752 ± 0.38773	36.81 ± 1.21	76.77	0.09	0.021 ± 0.001
		Σ	2.0403298	0.171	2079.6968	0.128	21.381311	0.665	1757.3109	0.016	21846.896	0.002					

Information on Analysis and Constants Used in Calculations

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D22-10A**
Material = **Groundmass**
Location = **Rachel Seamount**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **15-OSU-07 (7B3-15)**
Position = **X: 0 | Y: 0 | Z/H: 6.36 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **8.93387 ± 0.01286**
FCT-NM J-value = **0.00175930 ± 0.00000253**
Air Shot 40Ar/36Ar = **304.5230 ± 0.4842**
Air Shot MDF = **0.99258294 ± 0.00069324 (LIN)**
Experiment Type = **Incremental Heating**
Extraction Method = **Bulk Laser Heating**
Heating = **77 sec**
Isolation = **3.00 min**
Instrument = **ARGUS-VI-D**
Preferred Age = **Plateau Age**
Age Classification = **Eruption Age**
IGSN = **IESS10095**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Tephrite**
Lat-Lon = **33°18.2'S - 3°52.3'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		12.48628 ± 0.00927 (± 0.07%)	**39.29 ± 0.12 (± 0.29%)**	1.77	30.51	0.409 ± 0.055
		Full External Error ± 0.89		7%	10	
		Analytical Error ± 0.03		1.94	2σ Confidence Limit	
				1.3296	Error Magnification	
Total Fusion Age		12.18798 ± 0.00414 (± 0.03%)	**38.36 ± 0.11 (± 0.29%)**		37	0.363 ± 0.001
		Full External Error ± 0.87				
		Analytical Error ± 0.01				
Normal Isochron	**354.69 ± 127.91 (± 36.06%)**	12.46903 ± 0.03602 (± 0.29%)	**39.24 ± 0.16 (± 0.40%)**	2.02	30.51	
Error Chron		Full External Error ± 0.90		4%	10	
		Analytical Error ± 0.11		2.00	2σ Confidence Limit	
				1.4222	Error Magnification	
				1	Number of Iterations	
				0.0000063178	Convergence	
Inverse Isochron	**317.34 ± 110.90 (± 34.95%)**	12.48042 ± 0.03529 (± 0.28%)	**39.28 ± 0.16 (± 0.40%)**	1.96	30.51	
Clustered Points		Full External Error ± 0.90		5%	10	
		Analytical Error ± 0.11		2.00	2σ Confidence Limit	
				1.4004	Error Magnification	
				3	Number of Iterations	
				0.0000794909	Convergence	
				1%	Spreading Factor	

Notes
Steps form wavy pattern, mid-T yields a slightly bumpy but acceptable plateau.

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
16D16339	1.8 %		0.5752021	105.3721	0.0000000	175.8131	2252.089	40.30 ± 0.06	92.96	10.01	0.717 ± 0.008
16D16341	1.9 %		0.0749960	66.2007	0.0000000	112.8710	1395.325	38.91 ± 0.06	98.41	6.43	0.733 ± 0.010
16D16342	2.0 %		0.0364296	37.6252	0.0000000	62.4853	775.298	39.05 ± 0.06	98.60	3.56	0.714 ± 0.014
16D16343	2.1 %		0.0342150	52.6630	0.0000000	82.1581	1022.009	39.15 ± 0.06	98.99	4.68	0.671 ± 0.010
16D16345	**2.2 %**	✓	**0.0221768**	**35.5129**	**0.0000000**	**52.2786**	**652.331**	**39.27 ± 0.07**	**98.98**	**2.98**	**0.633 ± 0.013**
16D16346	**2.3 %**	✓	**0.0245725**	**59.2307**	**0.0000000**	**79.7260**	**994.960**	**39.27 ± 0.06**	**99.25**	**4.54**	**0.579 ± 0.008**
16D16347	**2.4 %**	✓	**0.0133939**	**27.9296**	**0.0072373**	**36.4250**	**455.529**	**39.35 ± 0.08**	**99.11**	**2.07**	**0.561 ± 0.014**
16D16349	**2.5 %**	✓	**0.0128338**	**30.5910**	**0.0000000**	**37.8907**	**473.100**	**39.29 ± 0.08**	**99.17**	**2.16**	**0.533 ± 0.013**
16D16350	**2.6 %**	✓	**0.0126919**	**42.1106**	**0.0000000**	**48.7623**	**610.135**	**39.37 ± 0.07**	**99.36**	**2.78**	**0.498 ± 0.009**
16D16351	**2.7 %**	✓	**0.0199116**	**84.7298**	**0.0008494**	**87.9342**	**1097.265**	**39.27 ± 0.06**	**99.44**	**5.01**	**0.446 ± 0.005**
16D16353	**2.8 %**	✓	**0.0110050**	**58.1127**	**0.0000000**	**54.2219**	**677.767**	**39.34 ± 0.07**	**99.49**	**3.09**	**0.401 ± 0.006**
16D16354	**2.9 %**	✓	**0.0119225**	**67.2722**	**0.0030962**	**57.6409**	**719.920**	**39.30 ± 0.07**	**99.48**	**3.28**	**0.368 ± 0.005**
16D16355	**3.0 %**	✓	**0.0088473**	**64.8713**	**0.0000000**	**50.6281**	**631.359**	**39.24 ± 0.07**	**99.56**	**2.88**	**0.336 ± 0.005**
16D16357	**3.2 %**	✓	**0.0065635**	**39.8622**	**0.0000000**	**30.2030**	**376.460**	**39.23 ± 0.09**	**99.46**	**1.72**	**0.326 ± 0.006**
16D16358	3.4 %		0.0116377	78.6870	0.0000000	54.2077	674.110	39.14 ± 0.07	99.46	3.09	0.296 ± 0.004
16D16359	3.6 %		0.0183026	107.6556	0.0000000	71.5880	887.637	39.02 ± 0.06	99.36	4.08	0.286 ± 0.003
16D16361	3.8 %		0.0070716	60.6445	0.0000000	41.1290	510.681	39.08 ± 0.07	99.56	2.34	0.292 ± 0.004
16D16362	4.0 %		0.0074491	49.0559	0.0000000	33.9118	419.755	38.96 ± 0.08	99.45	1.93	0.297 ± 0.005
16D16363	4.3 %		0.0063337	43.4589	0.0000000	31.3341	387.367	38.91 ± 0.08	99.49	1.78	0.310 ± 0.006
16D16365	4.6 %		0.0212221	72.7806	0.0000000	57.0104	696.516	38.46 ± 0.07	99.08	3.25	0.337 ± 0.004
16D16366	4.9 %		0.0071857	29.5487	0.0000000	26.3729	322.572	38.50 ± 0.09	99.32	1.50	0.384 ± 0.009
16D16367	5.2 %		0.0340959	57.7059	0.0277909	58.3297	699.779	37.77 ± 0.06	98.55	3.32	0.435 ± 0.006
16D16369	5.5 %		0.0154169	30.9456	0.0004649	36.0910	431.873	37.67 ± 0.08	98.92	2.06	0.501 ± 0.012
16D16370	5.8 %		0.0170749	28.9571	0.0000000	36.3272	428.133	37.11 ± 0.07	98.80	2.07	0.539 ± 0.014
16D16371	6.2 %		0.0082816	16.4786	0.0000000	20.7309	245.271	37.25 ± 0.11	98.98	1.18	0.541 ± 0.024
16D16373	6.6 %		0.0125170	19.2626	0.0000000	25.3049	294.661	36.67 ± 0.09	98.73	1.44	0.565 ± 0.020
16D16374	7.0 %		0.0115361	17.3439	0.0000000	22.8193	263.954	36.43 ± 0.10	98.69	1.30	0.566 ± 0.023
16D16375	7.6 %		0.0292964	35.0554	0.0000000	42.8790	484.569	35.60 ± 0.07	98.21	2.44	0.526 ± 0.011
16D16377	8.3 %		0.0232221	27.8619	0.0203298	32.0712	364.607	35.81 ± 0.08	98.12	1.83	0.495 ± 0.012
16D16378	9.0 %		0.0284762	35.5446	0.0123094	36.8508	410.300	35.08 ± 0.07	97.96	2.10	0.446 ± 0.009
16D16379	9.8 %		0.0287433	35.0535	0.0017229	32.7712	364.571	35.05 ± 0.07	97.69	1.87	0.402 ± 0.009
16D16381	11.0 %		0.0447474	49.7997	0.0373166	36.8367	400.360	34.25 ± 0.07	96.77	2.10	0.318 ± 0.005
16D16382	13.0 %		0.0900366	119.8894	0.0572365	49.4938	523.021	33.31 ± 0.06	95.13	2.82	0.178 ± 0.002
16D16383	15.5 %		0.0835966	136.2730	0.0585444	23.9104	264.257	34.82 ± 0.10	91.42	1.36	0.075 ± 0.001
16D16385	18.5 %		0.0656080	144.6268	0.0156300	11.2596	128.065	35.83 ± 0.19	86.83	0.64	0.033 ± 0.000
16D16386	21.5 %		0.0316848	79.2834	0.0212900	4.1198	47.587	36.38 ± 0.46	83.54	0.23	0.022 ± 0.000
16D16388	23.0 %		0.0181529	31.6999	0.0000000	1.5182	17.744	36.81 ± 1.21	76.77	0.09	0.021 ± 0.001
		Σ	1.4864506	2079.6968	0.2638185	1755.9059	21400.937				

Information on Analysis

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D22-10A**
Material = **Groundmass**
Location = **Rachel Seamount**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **15-OSU-07 (7B3-15)**
J = **0.00175930 ± 0.00000253**
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	12.48628	± 0.00927 ± 0.07%	**39.29**	**± 0.12** **± 0.29%**	1.77 7%	30.51 10	0.409 ± 0.055
			Full External Error	± 0.89	1.94	2σ Confidence Limit	
			Analytical Error	± 0.03	1.3296	Error Magnification	
Total Fusion Age	12.18798	± 0.00414 ± 0.03%	**38.36**	**± 0.11** **± 0.29%**		37	0.363 ± 0.001
			Full External Error	± 0.87			
			Analytical Error	± 0.01			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
16D16339	1.8 %		305.65 ± 2.36	4210.80 ± 31.93	0.9823
16D16341	1.9 %		1505.03 ± 25.51	18900.82 ± 319.21	0.9962
16D16342	2.0 %		1715.24 ± 47.74	21577.59 ± 599.54	0.9983
16D16343	2.1 %		2401.23 ± 71.34	30165.74 ± 895.06	0.9987
16D16345	**2.2 %**	✓	**2357.35 ± 86.80**	**29710.46 ± 1092.88**	**0.9990**
16D16346	**2.3 %**	✓	**3244.52 ± 126.96**	**40786.24 ± 1594.79**	**0.9992**
16D16347	**2.4 %**	✓	**2719.52 ± 155.55**	**34305.71 ± 1961.10**	**0.9994**
16D16349	**2.5 %**	✓	**2952.42 ± 183.18**	**37159.21 ± 2304.47**	**0.9995**
16D16350	**2.6 %**	✓	**3842.01 ± 251.13**	**48368.42 ± 3160.48**	**0.9996**
16D16351	**2.7 %**	✓	**4416.24 ± 219.35**	**55402.43 ± 2750.55**	**0.9995**
16D16353	**2.8 %**	✓	**4927.04 ± 376.11**	**61882.89 ± 4722.79**	**0.9998**
16D16354	**2.9 %**	✓	**4834.62 ± 341.16**	**60678.63 ± 4280.76**	**0.9997**
16D16355	**3.0 %**	✓	**5722.46 ± 567.76**	**71657.55 ± 7108.53**	**0.9999**
16D16357	**3.2 %**	✓	**4601.67 ± 512.19**	**57652.15 ± 6415.81**	**0.9998**
16D16358	3.4 %		4657.95 ± 357.24	58220.40 ± 4464.14	0.9998
16D16359	3.6 %		3911.36 ± 231.62	48793.33 ± 2888.38	0.9996
16D16361	3.8 %		5816.10 ± 659.71	72511.38 ± 8223.71	0.9999
16D16362	4.0 %		4552.47 ± 464.06	56645.17 ± 5773.11	0.9998
16D16363	4.3 %		4947.18 ± 603.07	61454.73 ± 7490.39	0.9999
16D16365	4.6 %		2686.37 ± 121.21	33115.78 ± 1493.14	0.9993
16D16366	4.9 %		3670.20 ± 379.31	45186.40 ± 4668.79	0.9997
16D16367	5.2 %		1710.76 ± 47.12	20819.36 ± 572.44	0.9981
16D16369	5.5 %		2340.99 ± 117.10	28308.36 ± 1414.93	0.9992
16D16370	5.8 %		2127.52 ± 102.41	25369.31 ± 1220.28	0.9992
16D16371	6.2 %		2503.25 ± 214.58	29911.90 ± 2562.80	0.9995
16D16373	6.6 %		2021.64 ± 122.31	23836.32 ± 1441.11	0.9993
16D16374	7.0 %		1978.08 ± 121.62	23176.21 ± 1423.84	0.9992
16D16375	7.6 %		1463.63 ± 48.68	16835.73 ± 559.17	0.9985
16D16377	8.3 %		1381.06 ± 49.58	15996.35 ± 573.32	0.9982
16D16378	9.0 %		1294.09 ± 40.76	14704.00 ± 462.38	0.9982
16D16379	9.8 %		1140.13 ± 34.37	12979.21 ± 390.39	0.9978
16D16381	11.0 %		823.22 ± 19.04	9242.62 ± 213.13	0.9966
16D16382	13.0 %		549.71 ± 8.73	6104.48 ± 96.35	0.9942
16D16383	15.5 %		286.02 ± 4.97	3456.60 ± 59.55	0.9909
16D16385	18.5 %		171.62 ± 3.59	2247.47 ± 46.00	0.9775
16D16386	21.5 %		130.03 ± 4.43	1797.38 ± 57.99	0.9449
16D16388	23.0 %		83.63 ± 4.24	1272.96 ± 51.86	0.7966

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	**354.69 ± 127.91**	12.46903 ± 0.03602	**39.24 ± 0.16**	2.02
Error Chron	**± 36.06%**	± 0.29%	**± 0.40%**	4%
			Full External Error ± 0.90	
			Analytical Error ± 0.11	

Statistics				
	2σ Confidence Limit	2.00	Convergence	0.000006317830
	Error Magnification	1.4222	Number of Iterations	1
	Number of Data Points	10	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
16D16339	1.8 %		0.0725882 ± 0.0001050	0.00023748 ± 0.00000180	0.0005
16D16341	1.9 %		0.0796276 ± 0.0001176	0.00005291 ± 0.00000089	0.0004
16D16342	2.0 %		0.0794915 ± 0.0001292	0.00004634 ± 0.00000129	0.0005
16D16343	2.1 %		0.0796013 ± 0.0001227	0.00003315 ± 0.00000098	0.0003
16D16345	2.2 %	✓	0.0793441 ± 0.0001326	0.00003366 ± 0.00000124	0.0004
16D16346	2.3 %	✓	0.0795493 ± 0.0001233	0.00002452 ± 0.00000096	0.0003
16D16347	2.4 %	✓	0.0792731 ± 0.0001565	0.00002915 ± 0.00000167	0.0005
16D16349	2.5 %	✓	0.0794533 ± 0.0001490	0.00002691 ± 0.00000167	0.0004
16D16350	2.6 %	✓	0.0794323 ± 0.0001393	0.00002067 ± 0.00000135	0.0003
16D16351	2.7 %	✓	0.0797120 ± 0.0001212	0.00001805 ± 0.00000090	0.0002
16D16353	2.8 %	✓	0.0796187 ± 0.0001329	0.00001616 ± 0.00000123	0.0002
16D16354	2.9 %	✓	0.0796758 ± 0.0001306	0.00001648 ± 0.00000116	0.0002
16D16355	3.0 %	✓	0.0798585 ± 0.0001363	0.00001396 ± 0.00000138	0.0002
16D16357	3.2 %	✓	0.0798177 ± 0.0001689	0.00001735 ± 0.00000193	0.0003
16D16358	3.4 %		0.0800055 ± 0.0001339	0.00001718 ± 0.00000132	0.0002
16D16359	3.6 %		0.0801617 ± 0.0001265	0.00002049 ± 0.00000121	0.0002
16D16361	3.8 %		0.0802094 ± 0.0001511	0.00001379 ± 0.00000156	0.0002
16D16362	4.0 %		0.0803682 ± 0.0001609	0.00001765 ± 0.00000180	0.0003
16D16363	4.3 %		0.0805011 ± 0.0001684	0.00001627 ± 0.00000198	0.0003
16D16365	4.6 %		0.0811204 ± 0.0001357	0.00003020 ± 0.00000136	0.0004
16D16366	4.9 %		0.0812236 ± 0.0001880	0.00002213 ± 0.00000229	0.0004
16D16367	5.2 %		0.0821714 ± 0.0001378	0.00004803 ± 0.00000132	0.0006
16D16369	5.5 %		0.0826962 ± 0.0001619	0.00003533 ± 0.00000177	0.0005
16D16370	5.8 %		0.0838620 ± 0.0001612	0.00003942 ± 0.00000190	0.0006
16D16371	6.2 %		0.0836874 ± 0.0002296	0.00003343 ± 0.00000286	0.0006
16D16373	6.6 %		0.0848132 ± 0.0001952	0.00004195 ± 0.00000254	0.0008
16D16374	7.0 %		0.0853495 ± 0.0002149	0.00004315 ± 0.00000265	0.0008
16D16375	7.6 %		0.0869358 ± 0.0001566	0.00005940 ± 0.00000197	0.0007
16D16377	8.3 %		0.0863361 ± 0.0001841	0.00006251 ± 0.00000224	0.0010
16D16378	9.0 %		0.0880094 ± 0.0001652	0.00006801 ± 0.00000214	0.0011
16D16379	9.8 %		0.0878430 ± 0.0001767	0.00007705 ± 0.00000232	0.0011
16D16381	11.0 %		0.0890673 ± 0.0001691	0.00010819 ± 0.00000249	0.0016
16D16382	13.0 %		0.0900499 ± 0.0001539	0.00016381 ± 0.00000259	0.0015
16D16383	15.5 %		0.0827464 ± 0.0001936	0.00028930 ± 0.00000498	0.0028
16D16385	18.5 %		0.0763614 ± 0.0003372	0.00044495 ± 0.00000911	0.0041
16D16386	21.5 %		0.0723420 ± 0.0008066	0.00055637 ± 0.00001795	0.0063
16D16388	23.0 %		0.0656994 ± 0.0020152	0.00078557 ± 0.00003200	0.0107

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	**317.34 ± 110.90**	12.48042 ± 0.03529	**39.28 ± 0.16**	1.96
Clustered Points	**± 34.95%**	± 0.28%	**± 0.40%**	5%
			Full External Error ± 0.90	
			Analytical Error ± 0.11	

Statistics				
2σ Confidence Limit	2.00	Convergence	0.0000794909
Error Magnification	1.4004	Number of Iterations	3
Number of Data Points	10	Calculated Line	Weighted York-2
Spreading Factor	0.7%		

Degassing Patterns			36Ar(a) [fA]	%1σ	36Ar(c) [fA]	%1σ	36Ar(ca) [fA]	%1σ	36Ar(cl) [fA]	%1σ	37Ar(ca) [fA]	%1σ	38Ar(a) [fA]	%1σ	38Ar(c) [fA]	%1σ	38Ar(k) [fA]	%1σ	38Ar(ca) [fA]	%1σ	38Ar(cl) [fA]	%1σ	39Ar(k) [fA]	%1σ	39Ar(ca) [fA]	%1σ	40Ar(r) [fA]	%1σ	40Ar(a) [fA]	%1σ	40Ar(c) [fA]	%1σ	40Ar(k) [fA]	%1σ
16D16339	1.8 %		0.5752021	0.38	0.0000000	0.00	0.0280606	0.56	0.0000000	0.00	105.3721	0.54	0.1075053	0.38	0.0000000	0.00	2.115207	0.18	0.0075657	12.83	0.0000000	0.00	175.8131	0.07	0.0711894	1.42	2252.089	0.03	169.97221	0.38	0.0000000	0.00	0.6721334	2.66
16D16341	1.9 %		0.0749960	0.84	0.0000000	0.00	0.0176292	0.68	0.0000000	0.00	66.2007	0.66	0.0140168	0.84	0.0000000	0.00	1.357951	0.18	0.0047532	12.84	0.0000000	0.00	112.8710	0.07	0.0447252	1.48	1395.325	0.01	22.16132	0.84	0.0000000	0.00	0.4315058	2.66
16D16342	2.0 %		0.0364296	1.39	0.0000000	0.00	0.0100196	1.02	0.0000000	0.00	37.6252	1.01	0.0068087	1.39	0.0000000	0.00	0.751761	0.18	0.0027015	12.86	0.0000000	0.00	62.4853	0.08	0.0254196	1.66	775.298	0.02	10.76494	1.39	0.0000000	0.00	0.2388813	2.66
16D16343	2.1 %		0.0342150	1.48	0.0000000	0.00	0.0140242	0.78	0.0000000	0.00	52.6630	0.77	0.0063948	1.48	0.0000000	0.00	0.988444	0.18	0.0037812	12.84	0.0000000	0.00	82.1581	0.08	0.0355791	1.53	1022.009	0.02	10.11052	1.48	0.0000000	0.00	0.3140903	2.66
16D16345	2.2 %	✓	0.0221768	1.84	0.0000000	0.00	0.0094571	1.07	0.0000000	0.00	35.5129	1.06	0.0041449	1.84	0.0000000	0.00	0.628963	0.18	0.0025498	12.86	0.0000000	0.00	52.2786	0.08	0.0239925	1.69	652.331	0.02	6.55326	1.84	0.0000000	0.00	0.1998609	2.66
16D16346	2.3 %	✓	0.0245725	1.96	0.0000000	0.00	0.0157731	0.72	0.0000000	0.00	59.2307	0.70	0.0045926	1.96	0.0000000	0.00	0.959183	0.18	0.0042528	12.84	0.0000000	0.00	79.7260	0.08	0.0400163	1.50	994.960	0.02	7.26118	1.96	0.0000000	0.00	0.3047924	2.66
16D16347	2.4 %	✓	0.0133939	2.86	0.0000000	0.00	0.0074377	1.29	0.0000015	339.90	27.9296	1.28	0.0025033	2.86	0.0000000	0.00	0.438229	0.19	0.0020053	12.88	0.0072373	339.90	36.4250	0.10	0.0188693	1.84	455.529	0.03	3.95789	2.86	0.0000000	0.00	0.1392527	2.66
16D16349	2.5 %	✓	0.0128338	3.10	0.0000000	0.00	0.0081464	1.23	0.0000000	0.00	30.5910	1.22	0.0023986	3.10	0.0000000	0.00	0.455863	0.19	0.0021964	12.88	0.0000000	0.00	37.8907	0.09	0.0206673	1.80	473.100	0.03	3.79238	3.10	0.0000000	0.00	0.1448563	2.66
16D16350	2.6 %	✓	0.0126919	3.27	0.0000000	0.00	0.0112140	0.92	0.0000000	0.00	42.1106	0.91	0.0023721	3.27	0.0000000	0.00	0.586659	0.18	0.0030235	12.85	0.0000000	0.00	48.7623	0.09	0.0284499	1.60	610.135	0.02	3.75045	3.27	0.0000000	0.00	0.1864183	2.66
16D16351	2.7 %	✓	0.0199116	2.48	0.0000000	0.00	0.0225636	0.61	0.0000002	######	84.7298	0.59	0.0037215	2.48	0.0000000	0.00	1.057936	0.18	0.0060836	12.83	0.0008494	######	87.9342	0.08	0.0572435	1.45	1097.265	0.01	5.88387	2.48	0.0000000	0.00	0.3361724	2.66
16D16353	2.8 %	✓	0.0110050	3.82	0.0000000	0.00	0.0154754	0.72	0.0000000	0.00	58.1127	0.71	0.0020568	3.82	0.0000000	0.00	0.652343	0.18	0.0041725	12.84	0.0000000	0.00	54.2219	0.08	0.0392609	1.50	677.767	0.02	3.25197	3.82	0.0000000	0.00	0.2072901	2.66
16D16354	2.9 %	✓	0.0119225	3.53	0.0000000	0.00	0.0179146	0.66	0.0000007	727.46	67.2722	0.65	0.0022283	3.53	0.0000000	0.00	0.693478	0.18	0.0048301	12.84	0.0030962	727.46	57.6409	0.08	0.0454491	1.47	719.920	0.02	3.52311	3.53	0.0000000	0.00	0.2203613	2.66
16D16355	3.0 %	✓	0.0088473	4.96	0.0000000	0.00	0.0172752	0.69	0.0000000	0.00	64.8713	0.68	0.0016536	4.96	0.0000000	0.00	0.609107	0.18	0.0046578	12.84	0.0000000	0.00	50.6281	0.08	0.0438271	1.48	631.359	0.02	2.61437	4.96	0.0000000	0.00	0.1935513	2.66
16D16357	3.2 %	✓	0.0065635	5.56	0.0000000	0.00	0.0106153	0.98	0.0000000	0.00	39.8622	0.97	0.0012267	5.56	0.0000000	0.00	0.363372	0.19	0.0028621	12.86	0.0000000	0.00	30.2030	0.10	0.0269309	1.64	376.460	0.03	1.93951	5.56	0.0000000	0.00	0.1154659	2.66
16D16358	3.4 %		0.0116377	3.83	0.0000000	0.00	0.0209543	0.64	0.0000000	0.00	78.6870	0.62	0.0021751	3.83	0.0000000	0.00	0.652172	0.18	0.0056497	12.84	0.0000000	0.00	54.2077	0.08	0.0531609	1.46	674.110	0.02	3.43893	3.83	0.0000000	0.00	0.2072358	2.66
16D16359	3.6 %		0.0183026	2.96	0.0000000	0.00	0.0286687	0.55	0.0000000	0.00	107.6556	0.53	0.0034208	2.96	0.0000000	0.00	0.861276	0.18	0.0077297	12.83	0.0000000	0.00	71.5880	0.08	0.0727321	1.42	887.637	0.02	5.40842	2.96	0.0000000	0.00	0.2736811	2.66
16D16361	3.8 %		0.0070716	5.67	0.0000000	0.00	0.0161496	0.73	0.0000000	0.00	60.6445	0.71	0.0013217	5.67	0.0000000	0.00	0.494823	0.19	0.0043543	12.84	0.0000000	0.00	41.1290	0.09	0.0409714	1.50	510.681	0.03	2.08965	5.67	0.0000000	0.00	0.1572363	2.66
16D16362	4.0 %		0.0074491	5.10	0.0000000	0.00	0.0130636	0.81	0.0000000	0.00	49.0559	0.80	0.0013922	5.10	0.0000000	0.00	0.407993	0.19	0.0035222	12.84	0.0000000	0.00	33.9118	0.10	0.0331421	1.54	419.755	0.03	2.20121	5.10	0.0000000	0.00	0.1296449	2.66
16D16363	4.3 %		0.0063337	6.09	0.0000000	0.00	0.0115731	0.91	0.0000000	0.00	43.4589	0.90	0.0011838	6.09	0.0000000	0.00	0.376981	0.19	0.0031204	12.85	0.0000000	0.00	31.3341	0.10	0.0293608	1.60	387.367	0.03	1.87162	6.09	0.0000000	0.00	0.1197904	2.66
16D16365	4.6 %		0.0212221	2.25	0.0000000	0.00	0.0193815	0.66	0.0000000	0.00	72.7806	0.64	0.0039664	2.25	0.0000000	0.00	0.685892	0.18	0.0052256	12.84	0.0000000	0.00	57.0104	0.08	0.0491706	1.47	696.516	0.02	6.27114	2.25	0.0000000	0.00	0.2179508	2.66
16D16366	4.9 %		0.0071857	5.17	0.0000000	0.00	0.0078688	1.22	0.0000000	0.00	29.5487	1.21	0.0013430	5.17	0.0000000	0.00	0.317293	0.20	0.0021216	12.88	0.0000000	0.00	26.3729	0.11	0.0199631	1.79	322.572	0.04	2.12337	5.17	0.0000000	0.00	0.1008236	2.66
16D16367	5.2 %		0.0340959	1.37	0.0000000	0.00	0.0153671	0.73	0.0000059	83.44	57.7059	0.71	0.0063725	1.37	0.0000000	0.00	0.701765	0.18	0.0041433	12.84	0.0277909	83.44	58.3297	0.08	0.0389861	1.50	699.779	0.02	10.07533	1.37	0.0000000	0.00	0.2229945	2.66
16D16369	5.5 %		0.0154169	2.50	0.0000000	0.00	0.0082408	1.20	0.0000001	######	30.9456	1.19	0.0028814	2.50	0.0000000	0.00	0.434210	0.19	0.0022219	12.88	0.0004649	######	36.0910	0.10	0.0209068	1.78	431.873	0.03	4.55570	2.50	0.0000000	0.00	0.1379757	2.66
16D16370	5.8 %		0.0170749	2.40	0.0000000	0.00	0.0077113	1.26	0.0000000	0.00	28.9571	1.25	0.0031913	2.40	0.0000000	0.00	0.437053	0.19	0.0020791	12.88	0.0000000	0.00	36.3272	0.10	0.0195634	1.82	428.133	0.03	5.04563	2.40	0.0000000	0.00	0.1388789	2.66
16D16371	6.2 %		0.0082816	4.28	0.0000000	0.00	0.0043883	2.19	0.0000000	0.00	16.4786	2.18	0.0015478	4.28	0.0000000	0.00	0.249414	0.21	0.0011832	13.00	0.0000000	0.00	20.7309	0.14	0.0111330	2.55	245.271	0.05	2.44722	4.28	0.0000000	0.00	0.0792544	2.66
16D16373	6.6 %		0.0125170	3.02	0.0000000	0.00	0.0051296	1.74	0.0000000	0.00	19.2626	1.74	0.0023394	3.02	0.0000000	0.00	0.304443	0.20	0.0013831	12.94	0.0000000	0.00	25.3049	0.11	0.0130138	2.18	294.661	0.04	3.69878	3.02	0.0000000	0.00	0.0967406	2.66
16D16374	7.0 %		0.0115361	3.07	0.0000000	0.00	0.0046187	2.04	0.0000000	0.00	17.3439	2.04	0.0021561	3.07	0.0000000	0.00	0.274539	0.20	0.0012453	12.98	0.0000000	0.00	22.8193	0.12	0.0117175	2.43	263.954	0.04	3.40892	3.07	0.0000000	0.00	0.0872382	2.66
16D16375	7.6 %		0.0292964	1.66	0.0000000	0.00	0.0093353	1.09	0.0000000	0.00	35.0554	1.08	0.0054755	1.66	0.0000000	0.00	0.515877	0.18	0.0025170	12.87	0.0000000	0.00	42.8790	0.09	0.0236834	1.70	484.569	0.03	8.65708	1.66	0.0000000	0.00	0.1639264	2.66
16D16377	8.3 %		0.0232221	1.79	0.0000000	0.00	0.0074196	1.26	0.0000043	115.72	27.8619	1.25	0.0043402	1.79	0.0000000	0.00	0.385848	0.19	0.0020005	12.88	0.0203298	115.72	32.0712	0.11	0.0188235	1.82	364.607	0.04	6.86214	1.79	0.0000000	0.00	0.1226081	2.66
16D16378	9.0 %		0.0284762	1.57	0.0000000	0.00	0.0094655	1.03	0.0000026	190.25	35.5446	1.02	0.0053222	1.57	0.0000000	0.00	0.443352	0.19	0.0025521	12.86	0.0123094	190.25	36.8508	0.09	0.0240140	1.67	410.300	0.03	8.41473	1.57	0.0000000	0.00	0.1408806	2.66
16D16379	9.8 %		0.0287433	1.50	0.0000000	0.00	0.0093348	1.09	0.0000004	######	35.0535	1.08	0.0053721	1.50	0.0000000	0.00	0.394270	0.19	0.0025168	12.87	0.0017229	######	32.7712	0.10	0.0236822	1.71	364.571	0.04	8.49364	1.50	0.0000000	0.00	0.1252841	2.66
16D16381	11.0 %		0.0447474	1.15	0.0000000	0.00	0.0132617	0.83	0.0000079	63.52	49.7997	0.81	0.0083633	1.15	0.0000000	0.00	0.443183	0.19	0.0035756	12.85	0.0373166	63.53	36.8367	0.09	0.0336447	1.55	400.360	0.04	13.22286	1.15	0.0000000	0.00	0.1408269	2.66
16D16382	13.0 %		0.0900366	0.79	0.0000000	0.00	0.0319265	0.53	0.0000121	41.84	119.8894	0.51	0.0168278	0.79	0.0000000	0.00	0.595460	0.18	0.0086081	12.83	0.0572365	41.85	49.4938	0.08	0.0809973	1.42	523.021	0.04	26.60580	0.79	0.0000000	0.00	0.1892148	2.66
16D16383	15.5 %		0.0835966	0.86	0.0000000	0.00	0.0362895	0.52	0.0000124	39.43	136.2730	0.50	0.0156242	0.86	0.0000000	0.00	0.287666	0.20	0.0097844	12.83	0.0585444	39.44	23.9104	0.12	0.0920661	1.41	264.257	0.08	24.70280	0.86	0.0000000	0.00	0.0914096	2.66
16D16385	18.5 %		0.0656080	1.02	0.0000000	0.00	0.0385141	0.52	0.0000033	146.81	144.6268	0.49	0.0122621	1.02	0.0000000	0.00	0.135464	0.27	0.0103842	12.83	0.0156300	146.81	11.2596	0.22	0.0977099	1.41	128.065	0.16	19.38715	1.02	0.0000000	0.00	0.0430455	2.67
16D16386	21.5 %		0.0316848	1.61	0.0000000	0.00	0.0211132	0.62	0.0000045	113.75	79.2834	0.60	0.0059219	1.61	0.0000000	0.00	0.049566	0.58	0.0056925	12.83	0.0212900	113.75	4.1198	0.55	0.0535639	1.45	47.587	0.33	9.36284	1.61	0.0000000	0.00	0.0157501	2.72
16D16388	23.0 %		0.0181529	2.03	0.0000000	0.00	0.0084417	1.15	0.0000000	0.00	31.6999	1.14	0.0033928	2.03	0.0000000	0.00	0.018265	1.53	0.0022761	12.87	0.0000000	0.00	1.5182	1.52	0.0214164	1.74	17.744	0.66	5.36419	2.03	0.0000000	0.00	0.0058040	3.07
		Σ	1.4864506	0.24	0.0000000	0.00	0.5538232	0.13	0.0000560	32.07	2079.6968	0.13	0.2778176	0.24	0.0000000	0.00	21.125303	0.04	0.1493222	2.43	0.2638185	32.08	1755.9059	0.02	1.4050431	0.28	21400.937	0.01	439.24615	0.24	0.0000000	0.00	6.7128281	0.52
		Σ							2.0403298	0.18	2079.6968	0.13									21.816262	0.39			1757.3109	0.02							21846.896	0.01

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
16D16339	1.8 %		13.774590	0.009956	0.599099	0.003238	0.003430	0.000013	130.349	13.159283	1.00092105	1.163E-10
16D16341	1.9 %		12.557309	0.009270	0.586284	0.003917	0.000820	0.000006	130.364	13.163074	1.00092115	6.806E-11
16D16342	2.0 %		12.578667	0.010217	0.601901	0.006086	0.000743	0.000008	130.372	13.165061	1.00092121	3.774E-11
16D16343	2.1 %		12.560995	0.009676	0.640719	0.004954	0.000587	0.000006	130.379	13.167047	1.00092126	4.956E-11
16D16345	2.2 %	✓	12.601376	0.010524	0.678990	0.007186	0.000605	0.000008	130.394	13.170841	1.00092136	3.164E-11
16D16346	2.3 %	✓	12.568337	0.009736	0.742556	0.005266	0.000506	0.000006	130.401	13.172828	1.00092142	4.812E-11
16D16347	2.4 %	✓	12.611904	0.012444	0.766375	0.009829	0.000572	0.000010	130.408	13.174635	1.00092147	2.206E-11
16D16349	2.5 %	✓	12.582962	0.011795	0.806907	0.009905	0.000553	0.000010	130.422	13.178250	1.00092157	2.290E-11
16D16350	2.6 %	✓	12.585821	0.011030	0.863085	0.007860	0.000490	0.000008	130.429	13.180057	1.00092161	2.948E-11
16D16351	2.7 %	✓	12.540825	0.009527	0.962933	0.005772	0.000483	0.000005	130.436	13.181865	1.00092166	5.297E-11
16D16353	2.8 %	✓	12.554593	0.010472	1.070982	0.007616	0.000488	0.000007	130.450	13.185482	1.00092176	3.270E-11
16D16354	2.9 %	✓	12.544795	0.010274	1.166171	0.007605	0.000517	0.000007	130.457	13.187291	1.00092181	3.474E-11
16D16355	3.0 %	✓	12.515144	0.010671	1.280221	0.008744	0.000516	0.000008	130.465	13.189281	1.00092186	3.044E-11
16D16357	3.2 %	✓	12.521200	0.013232	1.318635	0.012880	0.000568	0.000012	130.478	13.192899	1.00092196	1.817E-11
16D16358	3.4 %		12.490720	0.010440	1.450162	0.009107	0.000601	0.000008	130.485	13.194709	1.00092201	3.253E-11
16D16359	3.6 %		12.465942	0.009827	1.502295	0.008060	0.000655	0.000007	130.492	13.196519	1.00092206	4.288E-11
16D16361	3.8 %		12.458773	0.011718	1.473026	0.010555	0.000564	0.000009	130.506	13.200140	1.00092216	2.462E-11
16D16362	4.0 %		12.434410	0.012431	1.445159	0.011623	0.000604	0.000011	130.513	13.201951	1.00092221	2.026E-11
16D16363	4.3 %		12.414378	0.012974	1.385653	0.012501	0.000571	0.000012	130.520	13.203762	1.00092226	1.869E-11
16D16365	4.6 %		12.320547	0.010291	1.275520	0.008291	0.000712	0.000008	130.534	13.207384	1.00092236	3.374E-11
16D16366	4.9 %		12.306194	0.014231	1.119571	0.013642	0.000570	0.000014	130.541	13.209196	1.00092240	1.559E-11
16D16367	5.2 %		12.165378	0.010195	0.988645	0.007105	0.000848	0.000008	130.548	13.211008	1.00092245	3.408E-11
16D16369	5.5 %		12.089276	0.011829	0.856937	0.010251	0.000655	0.000010	130.562	13.214633	1.00092255	2.096E-11
16D16370	5.8 %		11.921753	0.011454	0.796691	0.010013	0.000682	0.000011	130.569	13.216446	1.00092260	2.080E-11
16D16371	6.2 %		11.946633	0.016381	0.794455	0.017356	0.000611	0.000016	130.576	13.218259	1.00092265	1.189E-11
16D16373	6.6 %		11.788372	0.013560	0.760831	0.013252	0.000697	0.000015	130.590	13.221885	1.00092275	1.433E-11
16D16374	7.0 %		11.714334	0.014737	0.759665	0.015517	0.000708	0.000015	130.597	13.223699	1.00092280	1.284E-11
16D16375	7.6 %		11.500212	0.010350	0.817092	0.008837	0.000900	0.000011	130.603	13.225513	1.00092285	2.368E-11
16D16377	8.3 %		11.579673	0.012340	0.868242	0.010895	0.000955	0.000013	130.617	13.229142	1.00092294	1.784E-11
16D16378	9.0 %		11.358849	0.010654	0.963927	0.009863	0.001029	0.000012	130.624	13.230956	1.00092299	2.011E-11
16D16379	9.8 %		11.379543	0.011437	1.068874	0.011630	0.001161	0.000013	130.631	13.232771	1.00092304	1.791E-11
16D16381	11.0 %		11.221039	0.010640	1.350669	0.011060	0.001574	0.000014	130.645	13.236402	1.00092314	1.986E-11
16D16382	13.0 %		11.090628	0.009456	2.418353	0.012552	0.002460	0.000014	130.652	13.238218	1.00092319	2.639E-11
16D16383	15.5 %		12.042566	0.014019	5.677454	0.028938	0.004995	0.000030	130.659	13.240034	1.00092324	1.387E-11
16D16385	18.5 %		12.986753	0.028386	12.734226	0.068719	0.009168	0.000060	130.674	13.243848	1.00092334	7.080E-12
16D16386	21.5 %		13.649583	0.075089	18.997328	0.154358	0.012652	0.000137	130.681	13.245665	1.00092339	2.734E-12
16D16388	23.0 %		15.012885	0.227058	20.589822	0.387796	0.017274	0.000347	130.694	13.249299	1.00092349	1.109E-12

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
16D16339	1.8 %	0.0098183 ± 0.0001927	0.0346803 ± 0.0178772	0.0311273 ± 0.0163670	0.0031440 ± 0.0157543	2.7690702 ± 0.0377693
16D16341	1.9 %	0.0095764 ± 0.0001927	0.0311158 ± 0.0178772	0.0282200 ± 0.0163670	0.0000847 ± 0.0157543	2.7773953 ± 0.0377693
16D16342	2.0 %	0.0094912 ± 0.0001927	0.0288944 ± 0.0178772	0.0274110 ± 0.0163670	0.0011708 ± 0.0157543	2.7789877 ± 0.0377693
16D16343	2.1 %	0.0094301 ± 0.0001927	0.0265285 ± 0.0178772	0.0270056 ± 0.0163670	0.0022304 ± 0.0157543	2.7790381 ± 0.0377693
16D16345	2.2 %	0.0093691 ± 0.0001927	0.0218571 ± 0.0178772	0.0271303 ± 0.0163670	0.0038173 ± 0.0157543	2.7757705 ± 0.0377693
16D16346	2.3 %	0.0093607 ± 0.0001927	0.0194455 ± 0.0178772	0.0275585 ± 0.0163670	0.0044714 ± 0.0157543	2.7727402 ± 0.0377693
16D16347	2.4 %	0.0093642 ± 0.0001927	0.0173348 ± 0.0178772	0.0281062 ± 0.0163670	0.0049874 ± 0.0157543	2.7694354 ± 0.0377693
16D16349	2.5 %	0.0093950 ± 0.0001927	0.0134920 ± 0.0178772	0.0295084 ± 0.0163670	0.0058607 ± 0.0157543	2.7618442 ± 0.0377693
16D16350	2.6 %	0.0094190 ± 0.0001927	0.0118214 ± 0.0178772	0.0302983 ± 0.0163670	0.0062466 ± 0.0157543	2.7578174 ± 0.0377693
16D16351	2.7 %	0.0094467 ± 0.0001927	0.0103527 ± 0.0178772	0.0311083 ± 0.0163670	0.0066150 ± 0.0157543	2.7537910 ± 0.0377693
16D16353	2.8 %	0.0095075 ± 0.0001927	0.0081030 ± 0.0178772	0.0326872 ± 0.0163670	0.0073404 ± 0.0157543	2.7461368 ± 0.0377693
16D16354	2.9 %	0.0095382 ± 0.0001927	0.0073536 ± 0.0178772	0.0334113 ± 0.0163670	0.0077140 ± 0.0157543	2.7426800 ± 0.0377693
16D16355	3.0 %	0.0095705 ± 0.0001927	0.0068360 ± 0.0178772	0.0341275 ± 0.0163670	0.0081437 ± 0.0157543	2.7392752 ± 0.0377693
16D16357	3.2 %	0.0096216 ± 0.0001927	0.0067408 ± 0.0178772	0.0351490 ± 0.0163670	0.0089926 ± 0.0157543	2.7343834 ± 0.0377693
16D16358	3.4 %	0.0096419 ± 0.0001927	0.0071040 ± 0.0178772	0.0354992 ± 0.0163670	0.0094547 ± 0.0157543	2.7326487 ± 0.0377693
16D16359	3.6 %	0.0096580 ± 0.0001927	0.0077355 ± 0.0178772	0.0357306 ± 0.0163670	0.0099424 ± 0.0157543	2.7314231 ± 0.0377693
16D16361	3.8 %	0.0096758 ± 0.0001927	0.0097652 ± 0.0178772	0.0358161 ± 0.0163670	0.0109879 ± 0.0157543	2.7305380 ± 0.0377693
16D16362	4.0 %	0.0096771 ± 0.0001927	0.0111347 ± 0.0178772	0.0356664 ± 0.0163670	0.0115384 ± 0.0157543	2.7308703 ± 0.0377693
16D16363	4.3 %	0.0096732 ± 0.0001927	0.0127154 ± 0.0178772	0.0353899 ± 0.0163670	0.0121002 ± 0.0157543	2.7316951 ± 0.0377693
16D16365	4.6 %	0.0096499 ± 0.0001927	0.0164125 ± 0.0178772	0.0344762 ± 0.0163670	0.0132271 ± 0.0157543	2.7346839 ± 0.0377693
16D16366	4.9 %	0.0096311 ± 0.0001927	0.0184704 ± 0.0178772	0.0338552 ± 0.0163670	0.0137732 ± 0.0157543	2.7367510 ± 0.0377693
16D16367	5.2 %	0.0096080 ± 0.0001927	0.0206228 ± 0.0178772	0.0331396 ± 0.0163670	0.0142926 ± 0.0157543	2.7391169 ± 0.0377693
16D16369	5.5 %	0.0095512 ± 0.0001927	0.0250537 ± 0.0178772	0.0314847 ± 0.0163670	0.0151973 ± 0.0157543	2.7444298 ± 0.0377693
16D16370	5.8 %	0.0095189 ± 0.0001927	0.0272439 ± 0.0178772	0.0305817 ± 0.0163670	0.0155517 ± 0.0157543	2.7471914 ± 0.0377693
16D16371	6.2 %	0.0094852 ± 0.0001927	0.0293525 ± 0.0178772	0.0296565 ± 0.0163670	0.0158179 ± 0.0157543	2.7498810 ± 0.0377693
16D16373	6.6 %	0.0094177 ± 0.0001927	0.0331075 ± 0.0178772	0.0278400 ± 0.0163670	0.0160080 ± 0.0157543	2.7545516 ± 0.0377693
16D16374	7.0 %	0.0093863 ± 0.0001927	0.0346360 ± 0.0178772	0.0270049 ± 0.0163670	0.0158893 ± 0.0157543	2.7562587 ± 0.0377693
16D16375	7.6 %	0.0093582 ± 0.0001927	0.0358471 ± 0.0178772	0.0262604 ± 0.0163670	0.0155973 ± 0.0157543	2.7573460 ± 0.0377693
16D16377	8.3 %	0.0093183 ± 0.0001927	0.0370405 ± 0.0178772	0.0251831 ± 0.0163670	0.0143921 ± 0.0157543	2.7569912 ± 0.0377693
16D16378	9.0 %	0.0093099 ± 0.0001927	0.0368751 ± 0.0178772	0.0249267 ± 0.0163670	0.0134245 ± 0.0157543	2.7551868 ± 0.0377693
16D16379	9.8 %	0.0093115 ± 0.0001927	0.0360971 ± 0.0178772	0.0249136 ± 0.0163670	0.0121749 ± 0.0157543	2.7520375 ± 0.0377693
16D16381	11.0 %	0.0093530 ± 0.0001927	0.0323670 ± 0.0178772	0.0257978 ± 0.0163670	0.0087049 ± 0.0157543	2.7408576 ± 0.0377693
16D16382	13.0 %	0.0093972 ± 0.0001927	0.0292376 ± 0.0178772	0.0267916 ± 0.0163670	0.0064184 ± 0.0157543	2.7323760 ± 0.0377693
16D16383	15.5 %	0.0094601 ± 0.0001927	0.0251408 ± 0.0178772	0.0282216 ± 0.0163670	0.0037176 ± 0.0157543	2.7216475 ± 0.0377693
16D16385	18.5 %	0.0096643 ± 0.0001927	0.0129482 ± 0.0178772	0.0328902 ± 0.0163670	0.0034676 ± 0.0157543	2.6906641 ± 0.0377693
16D16386	21.5 %	0.0098014 ± 0.0001927	0.0052132 ± 0.0178772	0.0360303 ± 0.0163670	0.0076926 ± 0.0157543	2.6713119 ± 0.0377693
16D16388	23.0 %	0.0101673 ± 0.0001927	0.0145482 ± 0.0178772	0.0444024 ± 0.0163670	0.0179081 ± 0.0157543	2.6222431 ± 0.0377693

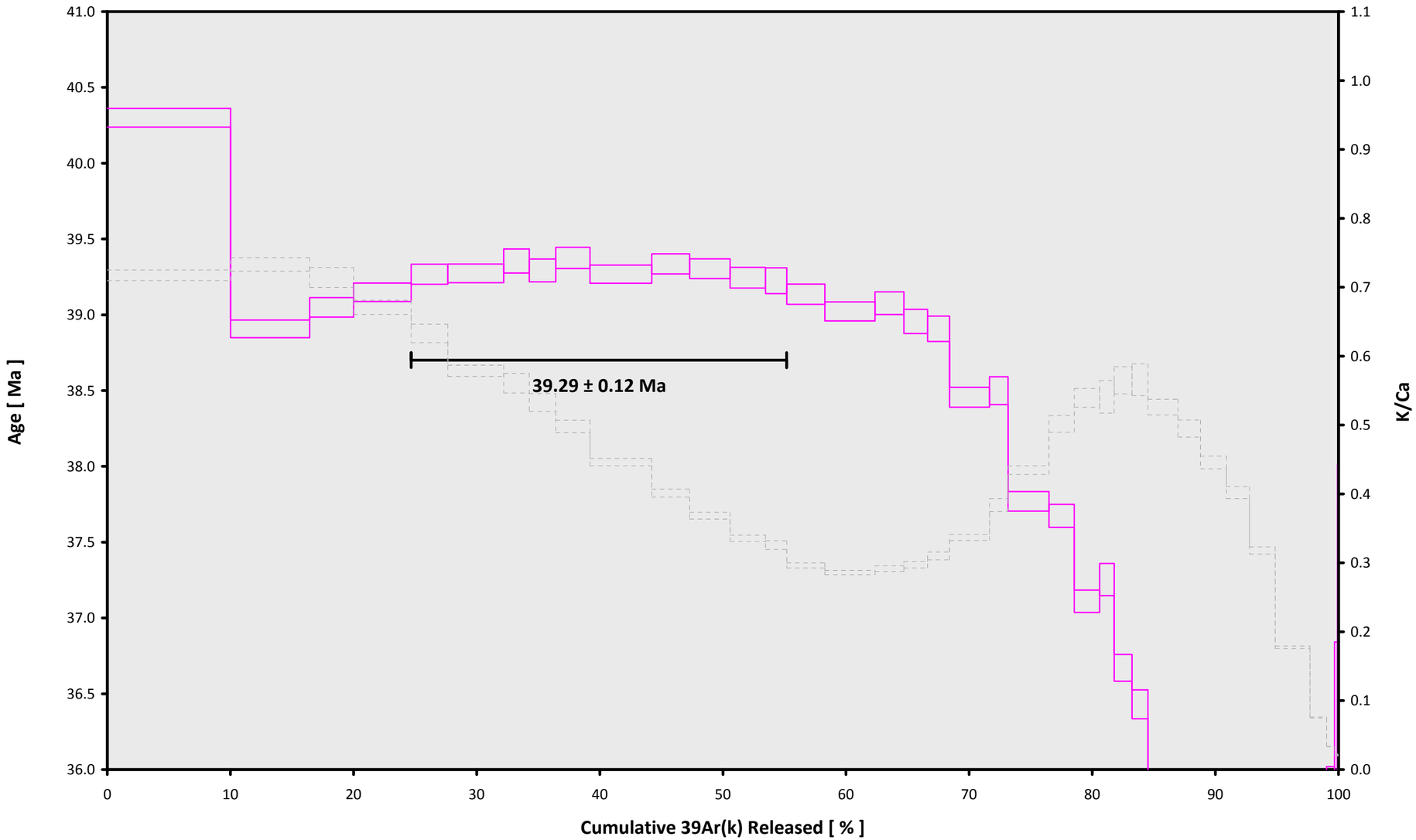
Intercept Values		36Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	37Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	38Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	39Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	40Ar ± 1σ (SE) [fA]	r2	Regression (type,n)
16D16339	1.8 %	0.5906997 ± 0.0012656	0.6506	EXP 150 of 150	7.8642031 ± 0.0181796	0.8589	EXP 150 of 150	2.1442258 ± 0.0160191	0.4003	EXP 150 of 150	174.4247366 ± 0.0287264	0.9994	EXP 150 of 150	2425.502814 ± 0.076068	1.0000	EXP 150 of 150
16D16341	1.9 %	0.0987652 ± 0.0005065	0.8612	EXP 150 of 150	4.9486442 ± 0.0175739	0.7397	EXP 150 of 150	1.2967966 ± 0.0146996	0.1834	EXP 150 of 150	111.9767702 ± 0.0215232	0.9992	EXP 150 of 150	1420.694972 ± 0.056894	0.9999	EXP 150 of 150
16D16342	2.0 %	0.0542171 ± 0.0004176	0.8315	EXP 150 of 150	2.8233560 ± 0.0182289	0.3876	EXP 150 of 150	0.7125096 ± 0.0168714	0.0556	EXP 150 of 150	61.9896933 ± 0.0199491	0.9977	EXP 150 of 150	789.080554 ± 0.045595	0.9998	EXP 150 of 150
16D16343	2.1 %	0.0558795 ± 0.0004159	0.8937	EXP 150 of 150	3.9372714 ± 0.0175784	0.5932	EXP 150 of 150	0.9305395 ± 0.0168872	0.0842	EXP 150 of 150	81.5078682 ± 0.0209834	0.9985	EXP 150 of 150	1035.213058 ± 0.051258	0.9998	EXP 150 of 150
16D16345	2.2 %	0.0398294 ± 0.0003165	0.8913	EXP 150 of 150	2.6582761 ± 0.0181194	0.3807	EXP 150 of 150	0.5817604 ± 0.0175205	0.0515	EXP 150 of 150	51.8637646 ± 0.0174062	0.9975	EXP 150 of 150	661.859916 ± 0.038424	0.9998	EXP 150 of 150
16D16346	2.3 %	0.0482096 ± 0.0003906	0.8909	EXP 150 of 150	4.4159727 ± 0.0170615	0.7192	EXP 150 of 150	0.9035181 ± 0.0166566	0.0796	EXP 149 of 150	79.0981574 ± 0.0210280	0.9984	EXP 150 of 150	1005.298745 ± 0.048580	0.9999	EXP 150 of 150
16D16347	2.4 %	0.0294243 ± 0.0002949	0.8704	EXP 150 of 150	2.0901871 ± 0.0174700	0.2525	EXP 150 of 150	0.4151947 ± 0.0178402	0.0504	EXP 150 of 150	36.1357628 ± 0.0192515	0.9935	EXP 150 of 150	462.395610 ± 0.038677	0.9993	EXP 150 of 150
16D16349	2.5 %	0.0295968 ± 0.0003115	0.8601	EXP 150 of 150	2.2832388 ± 0.0189456	0.3778	EXP 150 of 150	0.4105262 ± 0.0151189	0.0212	EXP 150 of 150	37.5902442 ± 0.0169971	0.9954	EXP 150 of 150	479.799544 ± 0.038384	0.9995	EXP 150 of 150
16D16350	2.6 %	0.0324380 ± 0.0003288	0.8810	EXP 150 of 150	3.1358543 ± 0.0174835	0.5136	EXP 150 of 150	0.5230384 ± 0.0171302	0.0058	EXP 150 of 150	48.3787378 ± 0.0198764	0.9962	EXP 150 of 150	616.829630 ± 0.036471	0.9997	EXP 150 of 150
16D16351	2.7 %	0.0503461 ± 0.0003975	0.9080	EXP 150 of 150	6.2952933 ± 0.0190187	0.7744	EXP 150 of 150	1.0216336 ± 0.0140059	0.2033	EXP 149 of 150	87.2530182 ± 0.0205784	0.9988	EXP 150 of 150	1106.239027 ± 0.047421	0.9999	EXP 150 of 150
16D16353	2.8 %	0.0350054 ± 0.0003309	0.8885	EXP 150 of 150	4.3175020 ± 0.0164416	0.6920	EXP 149 of 150	0.5884110 ± 0.0147391	0.0077	EXP 150 of 150	53.8024914 ± 0.0183945	0.9974	EXP 150 of 150	683.972312 ± 0.044064	0.9997	EXP 150 of 150
16D16354	2.9 %	0.0382690 ± 0.0003271	0.8931	EXP 150 of 150	4.9952989 ± 0.0164673	0.7600	EXP 150 of 150	0.6597855 ± 0.0148872	0.0672	EXP 150 of 150	57.1989001 ± 0.0183563	0.9977	EXP 150 of 150	726.406584 ± 0.041328	0.9998	EXP 150 of 150
16D16355	3.0 %	0.0347238 ± 0.0003506	0.8816	EXP 150 of 150	4.8160409 ± 0.0179892	0.7246	EXP 150 of 150	0.5713950 ± 0.0150245	0.0363	EXP 150 of 150	50.2423782 ± 0.0184088	0.9970	EXP 150 of 150	636.906145 ± 0.044844	0.9996	EXP 150 of 150
16D16357	3.2 %	0.0261630 ± 0.0002724	0.8643	EXP 150 of 150	2.9610971 ± 0.0185839	0.4252	EXP 150 of 150	0.3188617 ± 0.0172650	0.0071	EXP 150 of 150	29.9694803 ± 0.0174318	0.9921	EXP 150 of 150	381.248973 ± 0.030670	0.9994	EXP 150 of 150
16D16358	3.4 %	0.0410247 ± 0.0003503	0.8761	EXP 150 of 150	5.8381283 ± 0.0195369	0.7603	EXP 150 of 150	0.6092937 ± 0.0170177	0.0538	EXP 149 of 150	53.8000647 ± 0.0186719	0.9973	EXP 150 of 150	680.489238 ± 0.039363	0.9998	EXP 150 of 150
16D16359	3.6 %	0.0548866 ± 0.0004417	0.8449	EXP 150 of 150	7.9843592 ± 0.0178735	0.8753	EXP 148 of 150	0.8213328 ± 0.0146181	0.1207	EXP 150 of 150	71.0548194 ± 0.0202408	0.9982	EXP 150 of 150	896.050515 ± 0.052111	0.9998	EXP 150 of 150
16D16361	3.8 %	0.0320355 ± 0.0003085	0.8724	EXP 150 of 150	4.5019172 ± 0.0182526	0.6717	EXP 150 of 150	0.4461194 ± 0.0157706	0.0319	EXP 149 of 150	40.8165952 ± 0.0199383	0.9946	EXP 150 of 150	515.658248 ± 0.039598	0.9995	EXP 150 of 150
16D16362	4.0 %	0.0294288 ± 0.0002879	0.8722	EXP 150 of 150	3.6443789 ± 0.0167916	0.6471	EXP 150 of 150	0.3648724 ± 0.0166842	0.0227	EXP 150 of 150	33.6511006 ± 0.0177880	0.9935	EXP 150 of 150	424.816541 ± 0.036111	0.9993	EXP 150 of 150
16D16363	4.3 %	0.0269157 ± 0.0002972	0.8490	EXP 150 of 150	3.2309894 ± 0.0180144	0.4850	EXP 150 of 150	0.3141602 ± 0.0175861	0.0014	EXP 150 of 150	31.0905369 ± 0.0179340	0.9923	EXP 150 of 150	392.090002 ± 0.034528	0.9992	EXP 150 of 150
16D16365	4.6 %	0.0487471 ± 0.0003839	0.8300	EXP 150 of 150	5.4045751 ± 0.0189864	0.7299	EXP 150 of 150	0.6061444 ± 0.0152947	0.0015	EXP 150 of 150	56.5717612 ± 0.0202124	0.9972	EXP 150 of 150	705.739907 ± 0.043186	0.9998	EXP 150 of 150
16D16366	4.9 %	0.0241271 ± 0.0002835	0.8475	EXP 150 of 150	2.2057468 ± 0.0172529	0.3829	EXP 150 of 150	0.2782194 ± 0.0148380	0.0087	EXP 150 of 150	26.1595802 ± 0.0178206	0.9889	EXP 150 of 150	327.532610 ± 0.035534	0.9986	EXP 150 of 150
16D16367	5.2 %	0.0572415 ± 0.0003694	0.8289	EXP 149 of 150	4.2915886 ± 0.0167007	0.6825	EXP 150 of 150	0.6959557 ± 0.0158419	0.1558	EXP 150 of 150	57.8689360 ± 0.0213349	0.9970	EXP 150 of 150	712.816588 ± 0.042928	0.9998	EXP 150 of 150
16D16369	5.5 %	0.0323313 ± 0.0002952	0.8385	EXP 150 of 150	2.3147904 ± 0.0181842	0.3158	EXP 150 of 150	0.4017711 ± 0.0173047	0.0278	EXP 150 of 150	35.7962978 ± 0.0184480	0.9940	EXP 150 of 150	439.310672 ± 0.031164	0.9996	EXP 150 of 150
16D16370	5.8 %	0.0333855 ± 0.0003253	0.8181	EXP 150 of 150	2.1695564 ± 0.0178328	0.3046	EXP 150 of 150	0.3848649 ± 0.0169487	0.0088	EXP 150 of 150	36.0289019 ± 0.0173580	0.9947	EXP 150 of 150	436.064438 ± 0.035278	0.9994	EXP 150 of 150
16D16371	6.2 %	0.0216850 ± 0.0002643	0.8333	EXP 150 of 150	1.2483107 ± 0.0189707	0.1736	EXP 150 of 150	0.1843770 ± 0.0154058	0.0008	EXP 150 of 150	20.5537230 ± 0.0180471	0.9815	EXP 150 of 150	250.547761 ± 0.029961	0.9975	EXP 150 of 150
16D16373	6.6 %	0.0264096 ± 0.0002930	0.8048	EXP 150 of 150	1.4576137 ± 0.0160174	0.2053	EXP 149 of 150	0.2568566 ± 0.0161561	0.0019	EXP 150 of 150	25.0913061 ± 0.0162028	0.9902	EXP 150 of 150	301.211427 ± 0.031401	0.9988	EXP 150 of 150
16D16374	7.0 %	0.0249417 ± 0.0002628	0.8111	EXP 150 of 150	1.3170727 ± 0.0182809	0.1147	EXP 150 of 150	0.2453790 ± 0.0177676	0.0335	EXP 150 of 150	22.6252242 ± 0.0172690	0.9863	EXP 150 of 150	270.206437 ± 0.027837	0.9986	EXP 150 of 150
16D16375	7.6 %	0.0465566 ± 0.0004019	0.7373	EXP 150 of 150	2.6275455 ± 0.0184080	0.4417	EXP 150 of 150	0.4805173 ± 0.0151349	0.0111	EXP 149 of 150	42.5302245 ± 0.0178549	0.9960	EXP 150 of 150	496.147289 ± 0.034873	0.9996	EXP 150 of 150
16D16377	8.3 %	0.0388274 ± 0.0003290	0.7589	EXP 149 of 150	2.0963447 ± 0.0163218	0.4545	EXP 150 of 150	0.3812176 ± 0.0163792	0.0244	EXP 150 of 150	31.8086893 ± 0.0197797	0.9909	EXP 150 of 150	374.348787 ± 0.033295	0.9993	EXP 150 of 150
16D16378	9.0 %	0.0458465 ± 0.0003592	0.7028	EXP 150 of 150	2.6636612 ± 0.0164793	0.5095	EXP 150 of 150	0.4317341 ± 0.0162228	0.0259	EXP 150 of 150	36.5546660 ± 0.0160524	0.9958	EXP 150 of 150	421.610673 ± 0.036159	0.9994	EXP 150 of 150
16D16379	9.8 %	0.0459772 ± 0.0003398	0.6907	EXP 149 of 150	2.6262353 ± 0.0186081	0.4405	EXP 150 of 150	0.3729779 ± 0.0165246	0.0207	EXP 150 of 150	32.5098775 ± 0.0169778	0.9937	EXP 150 of 150	375.942371 ± 0.030755	0.9994	EXP 150 of 150
16D16381	11.0 %	0.0652175 ± 0.0004160	0.5069	EXP 150 of 150	3.7111010 ± 0.0181703	0.5500	EXP 150 of 150	0.4593368 ± 0.0166138	0.0526	EXP 149 of 150	36.5549828 ± 0.0167653	0.9953	EXP 150 of 150	416.464847 ± 0.039032	0.9993	EXP 150 of 150
16D16382	13.0 %	0.1268471 ± 0.0005400	0.0290	EXP 150 of 150	8.8843276 ± 0.0176949	0.9024	EXP 150 of 150	0.6412831 ± 0.0168894	0.0850	EXP 150 of 150	49.1560089 ± 0.0176292	0.9972	EXP 150 of 150	552.548056 ± 0.038935	0.9996	EXP 150 of 150
16D16383	15.5 %	0.1249104 ± 0.0005496	0.0579	EXP 150 of 150	10.0889554 ± 0.0183930	0.9144	EXP 150 of 150	0.3378861 ± 0.0157153	0.0866	EXP 150 of 150	23.7991150 ± 0.0151203	0.9906	EXP 149 of 150	291.773250 ± 0.029835	0.9987	EXP 150 of 150
16D16385	18.5 %	0.1099266 ± 0.0005118	0.1576	EXP 150 of 150	10.6906143 ± 0.0198986	0.9130	EXP 150 of 150	0.1382738 ± 0.0155294	0.0045	EXP 150 of 150	11.2663216 ± 0.0168674	0.9411	EXP 150 of 150	150.185483 ± 0.024067	0.9865	EXP 150 of 150
16D16386	21.5 %	0.0606448 ± 0.0004093	0.0376	EXP 150 of 150	5.8578334 ± 0.0173890	0.8005	EXP 150 of 150	0.0452168 ± 0.0173385	0.0210	EXP 150 of 150	4.1463745 ± 0.0158812	0.6361	EXP 150 of 150	59.636457 ± 0.019981	0.9912	EXP 150 of 150
16D16388	23.0 %	0.0357752 ± 0.0002731	0.2521	EXP 150 of 150	2.3248612 ± 0.0169919	0.3912	EXP 150 of 150	0.0562003 ± 0.0157016	0.0346	EXP 149 of 150	1.5446899 ± 0.0166171	0.0449	EXP 150 of 150	25.735915 ± 0.018720	0.9969	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
16D16339	1.8 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16341	1.9 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16342	2.0 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16343	2.1 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16345	2.2 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16346	2.3 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16347	2.4 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16349	2.5 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16350	2.6 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16351	2.7 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16353	2.8 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16354	2.9 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16355	3.0 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16357	3.2 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16358	3.4 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16359	3.6 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16361	3.8 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16362	4.0 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16363	4.3 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16365	4.6 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16366	4.9 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16367	5.2 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16369	5.5 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16370	5.8 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16371	6.2 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16373	6.6 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16374	7.0 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16375	7.6 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16377	8.3 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16378	9.0 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16379	9.8 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16381	11.0 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16382	13.0 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16383	15.5 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16385	18.5 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16386	21.5 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	01
16D16388	23.0 %	Susan Schnur	15-OSU-07	0.00	0.00	6.36	Walvis Ridge\MV1203 (13-INT-04)	16D16335	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
16D16339	1.8 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	26	APR	2016	22	52	1
16D16341	1.9 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	26	APR	2016	23	13	1
16D16342	2.0 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	26	APR	2016	23	24	1
16D16343	2.1 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	26	APR	2016	23	35	1
16D16345	2.2 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	26	APR	2016	23	56	1
16D16346	2.3 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	0	7	1
16D16347	2.4 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	0	17	1
16D16349	2.5 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	0	37	1
16D16350	2.6 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	0	47	1
16D16351	2.7 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	0	57	1
16D16353	2.8 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	1	17	1
16D16354	2.9 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	1	27	1
16D16355	3.0 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	1	38	1
16D16357	3.2 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	1	58	1
16D16358	3.4 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	2	8	1
16D16359	3.6 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	2	18	1
16D16361	3.8 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	2	38	1
16D16362	4.0 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	2	48	1
16D16363	4.3 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	2	58	1
16D16365	4.6 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	3	18	1
16D16366	4.9 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	3	28	1
16D16367	5.2 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	3	38	1
16D16369	5.5 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	3	58	1
16D16370	5.8 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	4	8	1
16D16371	6.2 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	4	18	1
16D16373	6.6 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	4	38	1
16D16374	7.0 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	4	48	1
16D16375	7.6 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	4	58	1
16D16377	8.3 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	5	18	1
16D16378	9.0 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	5	28	1
16D16379	9.8 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	5	38	1
16D16381	11.0 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	5	58	1
16D16382	13.0 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	6	8	1
16D16383	15.5 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	6	18	1
16D16385	18.5 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	6	39	1
16D16386	21.5 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	6	49	1
16D16388	23.0 %	MV1203-D22-10A	Groundmass	Rachel Seamount	FCT-NM (7B3-15)	28.201	0.082	Kuiper et al (2008)	8.93387	0.144	0.00175930	0.144	304.523	0.159	0.99258294	0.070	1	4.8E-14	27	APR	2016	7	9	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
16D16339	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
16D16341	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
16D16342	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
16D16343	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
16D16345	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
16D16346	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
16D16347	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
16D16349	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
16D16350	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
16D16351	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
16D16353	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
16D16354	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
16D16355	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
16D16357	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
16D16358	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
16D16359	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
16D16361	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
16D16362	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
16D16363	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
16D16365	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
16D16366	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
16D16367	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
16D16369	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
16D16370	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
16D16371	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
16D16373	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
16D16374	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
16D16375	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
16D16377	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
16D16378	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
16D16379	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
16D16381	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
16D16382	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
16D16383	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
16D16385	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
16D16386	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
16D16388	23.0 %	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

16D16335.AGE >>> MV1203-D22-10A >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
39.29 ± 0.12
TOTAL FUSION
38.36 ± 0.11
NORMAL ISOCHRON
39.24 ± 0.16
INVERSE ISOCHRON
39.28 ± 0.16

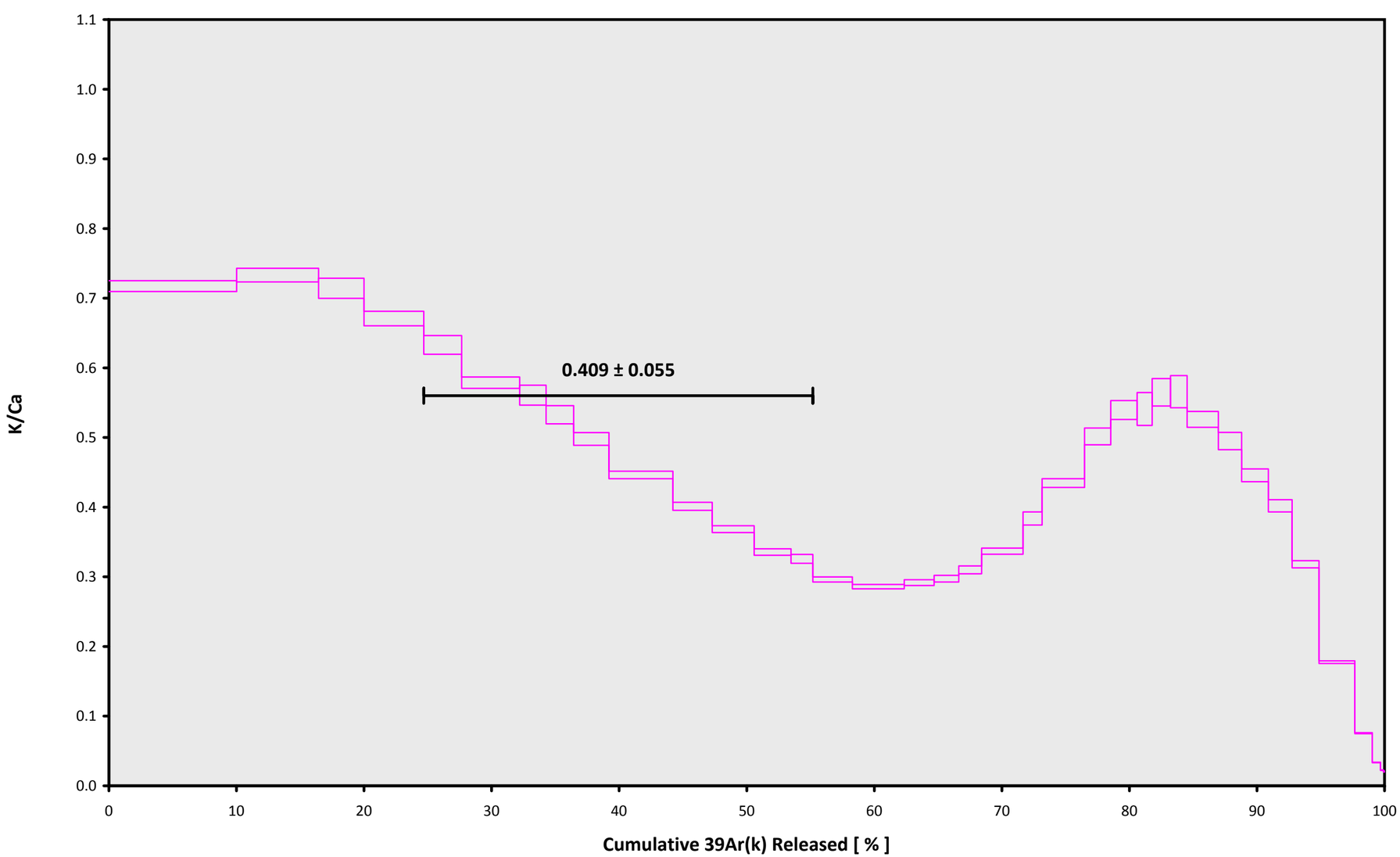
MSWD (PROBABILITY)
1.77 (7%)

Sample Info

Groundmass
Rachel Seamount
Susan Schnur

IRR = 15-OSU-07 (7B3-15)
J = 0.00175930 ± 0.00000253

16D16335.AGE >>> MV1203-D22-10A >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

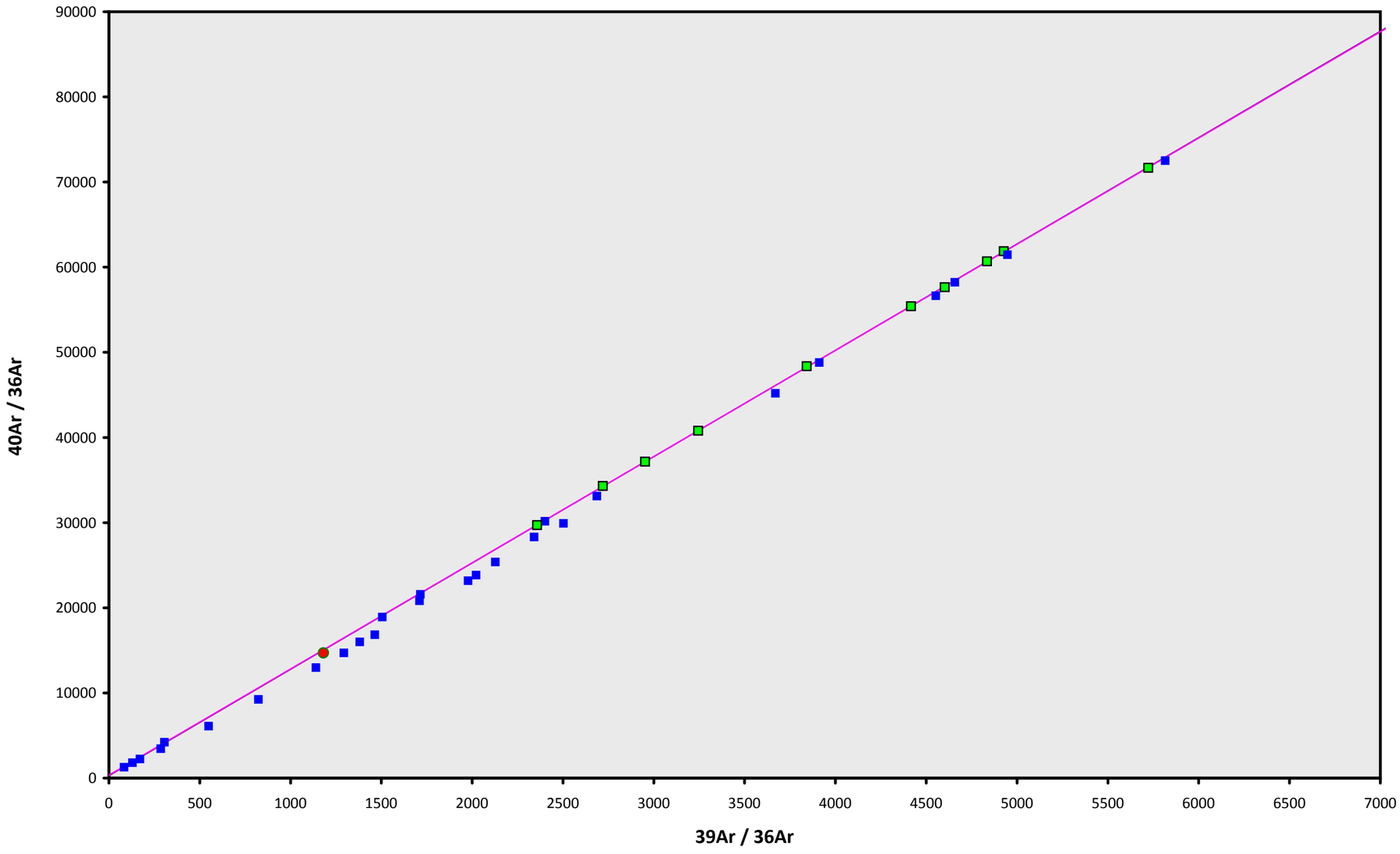
WEIGHTED PLATEAU
39.29 ± 0.12
TOTAL FUSION
38.36 ± 0.11
NORMAL ISOCHRON
39.24 ± 0.16
INVERSE ISOCHRON
39.28 ± 0.16

Sample Info

Groundmass
Rachel Seamount
Susan Schnur

IRR = 15-OSU-07 (7B3-15)
J = 0.00175930 ± 0.00000253

16D16335.AGE >>> MV1203-D22-10A >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
39.29 ± 0.12
TOTAL FUSION
38.36 ± 0.11
NORMAL ISOCHRON
39.24 ± 0.16
INVERSE ISOCHRON
39.28 ± 0.16

MSWD (PROBABILITY)
2.02 (4%)

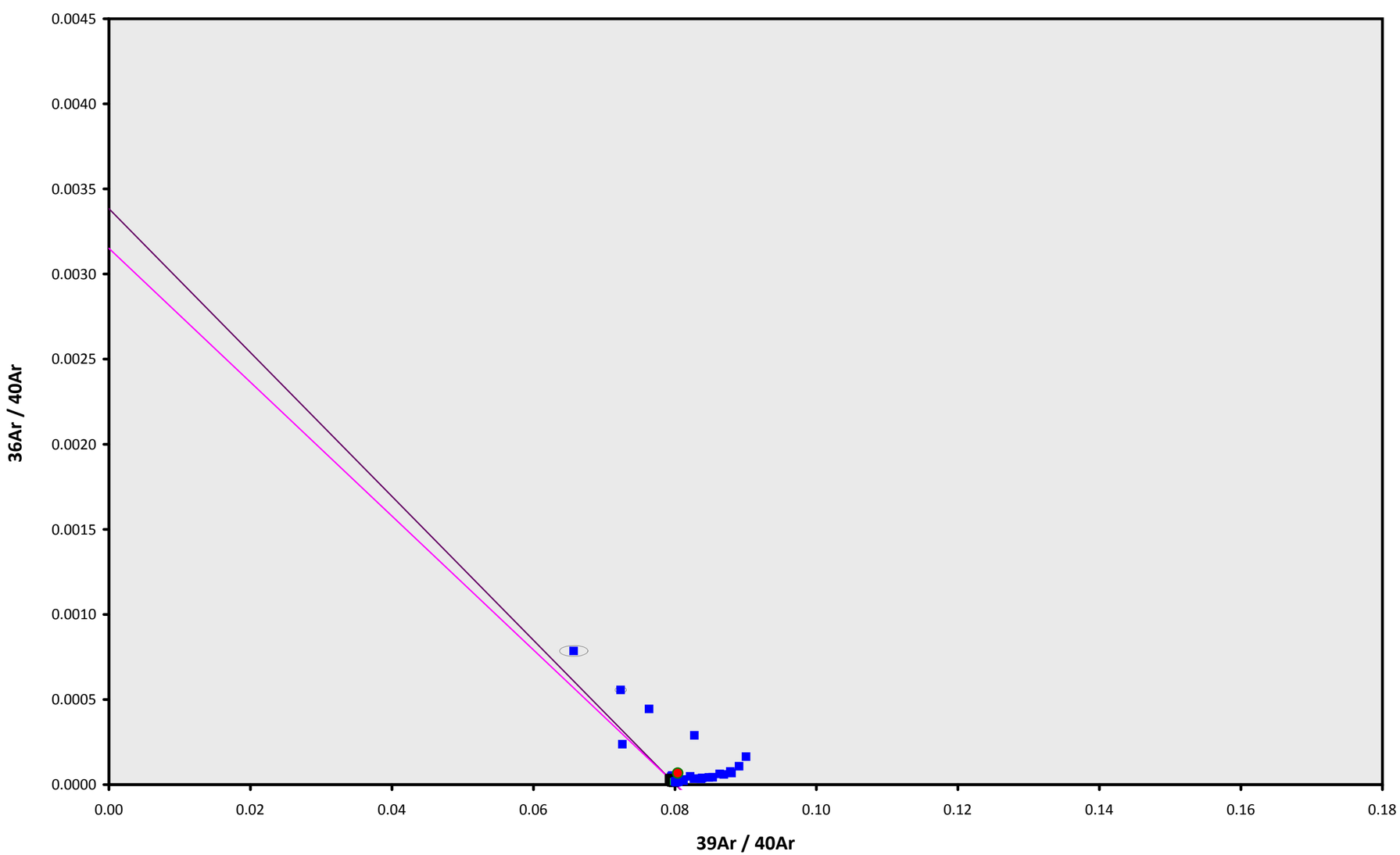
40AR/36AR INTERCEPT
354.7 ± 127.9

Sample Info

Groundmass
Rachel Seamount
Susan Schnur

IRR = 15-OSU-07 (7B3-15)
J = 0.00175930 ± 0.00000253

16D16335.AGE >>> MV1203-D22-10A >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
39.29 ± 0.12
TOTAL FUSION
38.36 ± 0.11
NORMAL ISOCHRON
39.24 ± 0.16
INVERSE ISOCHRON
39.28 ± 0.16

MSWD (PROBABILITY)
1.96 (5%)

SPREADING FACTOR
0.7%

40AR/36AR INTERCEPT
317.3 ± 110.9

Sample Info

Groundmass
Rachel Seamount
Susan Schnur

IRR = 15-OSU-07 (7B3-15)
J = 0.00175930 ± 0.00000253