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
16D16285	1.8 %		0.5389375	0.359	82.0612	0.604	1.720630	1.416	132.8274	0.073	1876.843	0.004	12.98119 ± 0.02092	40.92 ± 0.07	91.83	6.57	0.696 ± 0.008
16D16287	1.9 %		0.0863655	0.739	72.8155	0.626	1.453700	1.626	122.7251	0.073	1535.613	0.005	12.35249 ± 0.01837	38.96 ± 0.06	98.68	6.07	0.724 ± 0.009
16D16288	2.0 %		0.0527357	1.058	71.7034	0.646	1.344766	1.773	112.0773	0.075	1392.836	0.005	12.34028 ± 0.01876	38.92 ± 0.06	99.26	5.54	0.672 ± 0.009
16D16289	2.1 %	✓	0.0285752	1.639	46.2965	0.858	0.832220	2.849	66.5370	0.082	827.787	0.006	12.37087 ± 0.02084	39.01 ± 0.07	99.39	3.29	0.618 ± 0.011
16D16291	2.2 %	✓	0.0264132	1.628	47.4962	0.842	0.813878	3.055	66.1379	0.080	822.102	0.006	12.37081 ± 0.02027	39.01 ± 0.06	99.47	3.27	0.598 ± 0.010
16D16292	2.3 %	✓	0.0199826	2.229	37.7303	1.011	0.570219	4.312	49.0290	0.085	610.078	0.008	12.38596 ± 0.02199	39.06 ± 0.07	99.49	2.43	0.558 ± 0.011
16D16293	2.4 %	✓	0.0177378	2.362	34.9157	1.087	0.508537	4.478	44.1487	0.091	549.304	0.009	12.38844 ± 0.02331	39.07 ± 0.07	99.52	2.18	0.543 ± 0.012
16D16295	2.5 %	✓	0.0188037	2.149	39.0342	0.933	0.586865	3.952	47.9212	0.087	596.227	0.008	12.39299 ± 0.02223	39.08 ± 0.07	99.55	2.37	0.528 ± 0.010
16D16296	2.6 %	✓	0.0249449	1.710	55.9099	0.753	0.811790	3.043	66.7922	0.080	828.724	0.007	12.36618 ± 0.02021	39.00 ± 0.06	99.61	3.30	0.513 ± 0.008
16D16297	2.7 %	✓	0.0183289	2.353	43.6594	0.878	0.596971	3.898	49.8368	0.085	619.116	0.008	12.38664 ± 0.02174	39.06 ± 0.07	99.65	2.47	0.491 ± 0.009
16D16299	2.8 %	✓	0.0170652	2.266	42.7145	0.898	0.563313	4.152	47.5601	0.089	591.281	0.008	12.40064 ± 0.02277	39.11 ± 0.07	99.68	2.35	0.478 ± 0.009
16D16300	2.9 %	✓	0.0191027	2.100	42.1431	0.934	0.589923	4.112	46.3048	0.088	575.709	0.009	12.38657 ± 0.02259	39.06 ± 0.07	99.57	2.29	0.472 ± 0.009
16D16301	3.0 %	✓	0.0184816	2.287	42.7864	0.917	0.526598	4.429	45.6697	0.087	566.920	0.009	12.37163 ± 0.02236	39.02 ± 0.07	99.60	2.26	0.459 ± 0.008
16D16303	3.2 %	✓	0.0202494	1.978	48.2806	0.805	0.602167	4.001	48.7977	0.089	606.675	0.008	12.39216 ± 0.02266	39.08 ± 0.07	99.61	2.41	0.434 ± 0.007
16D16304	3.4 %	✓	0.0349891	1.446	79.9500	0.607	0.916176	2.464	77.8381	0.077	965.786	0.006	12.36038 ± 0.01950	38.98 ± 0.06	99.55	3.85	0.418 ± 0.005
16D16305	3.6 %	✓	0.0185661	2.197	47.6679	0.845	0.567457	4.224	45.6963	0.090	566.857	0.009	12.37183 ± 0.02302	39.02 ± 0.07	99.66	2.26	0.412 ± 0.007
16D16307	3.8 %		0.0239101	1.805	62.9775	0.683	0.672858	3.531	57.0819	0.082	706.325	0.007	12.34231 ± 0.02088	38.92 ± 0.07	99.67	2.82	0.389 ± 0.005
16D16308	4.0 %		0.0233167	1.858	56.0614	0.730	0.597782	3.884	49.9149	0.088	618.214	0.008	12.34126 ± 0.02245	38.92 ± 0.07	99.57	2.47	0.383 ± 0.006
16D16309	4.3 %		0.0232999	1.867	61.2496	0.697	0.625251	3.858	52.9149	0.084	652.833	0.008	12.30418 ± 0.02132	38.80 ± 0.07	99.65	2.62	0.371 ± 0.005
16D16311	4.6 %		0.0298655	1.473	67.6695	0.660	0.685598	3.416	57.9774	0.083	714.824	0.007	12.27484 ± 0.02108	38.71 ± 0.07	99.48	2.87	0.368 ± 0.005
16D16312	4.9 %		0.0254346	1.813	65.6159	0.664	0.672859	3.485	55.5501	0.083	681.553	0.008	12.23276 ± 0.02101	38.58 ± 0.07	99.62	2.75	0.364 ± 0.005
16D16313	5.2 %		0.0268132	1.673	67.4715	0.672	0.665358	3.482	57.0754	0.082	698.680	0.007	12.20149 ± 0.02069	38.48 ± 0.06	99.59	2.82	0.363 ± 0.005
16D16315	5.5 %		0.0248685	1.779	56.8776	0.747	0.586538	4.077	49.6888	0.087	605.232	0.008	12.12820 ± 0.02179	38.26 ± 0.07	99.49	2.46	0.375 ± 0.006
16D16316	5.8 %		0.0295131	1.521	59.9853	0.709	0.653804	3.494	54.2879	0.084	656.864	0.008	12.03112 ± 0.02089	37.95 ± 0.07	99.36	2.68	0.389 ± 0.006
16D16317	6.2 %		0.0332826	1.455	57.2046	0.728	0.667661	3.398	56.6053	0.083	679.987	0.007	11.92288 ± 0.02062	37.61 ± 0.06	99.18	2.80	0.425 ± 0.006
16D16319	6.6 %		0.0260745	1.656	44.3087	0.928	0.571252	4.209	46.4587	0.088	555.814	0.008	11.87664 ± 0.02185	37.47 ± 0.07	99.21	2.30	0.451 ± 0.008
16D16320	7.0 %		0.0198401	2.169	32.7432	1.050	0.465132	5.156	36.5008	0.096	434.114	0.010	11.80663 ± 0.02386	37.25 ± 0.07	99.21	1.81	0.479 ± 0.010
16D16321	7.6 %		0.0224111	1.909	31.1742	1.137	0.452469	5.043	36.5413	0.096	430.883	0.011	11.68052 ± 0.02364	36.86 ± 0.07	99.00	1.81	0.504 ± 0.011
16D16323	8.3 %		0.0260590	1.754	34.1529	1.040	0.510472	4.773	39.4152	0.094	460.758	0.010	11.56567 ± 0.02300	36.50 ± 0.07	98.88	1.95	0.496 ± 0.010
16D16324	9.0 %		0.0428049	1.197	46.9984	0.799	0.659661	3.474	51.3037	0.086	592.962	0.008	11.38668 ± 0.02067	35.94 ± 0.06	98.46	2.54	0.469 ± 0.008
16D16325	9.8 %		0.0417466	1.134	45.1944	0.867	0.572578	4.019	45.2881	0.088	524.392	0.009	11.38906 ± 0.02109	35.95 ± 0.07	98.29	2.24	0.431 ± 0.008
16D16327	11.0 %		0.0705784	0.863	71.6771	0.634	0.751285	3.091	57.1582	0.083	659.051	0.008	11.26989 ± 0.01978	35.57 ± 0.06	97.66	2.83	0.343 ± 0.004
16D16328	13.0 %		0.0861757	0.706	88.8638	0.572	0.718810	3.278	55.1591	0.085	639.986	0.008	11.27615 ± 0.02030	35.59 ± 0.06	97.08	2.73	0.267 ± 0.003
16D16329	15.5 %		0.1027539	0.683	115.1758	0.517	0.643304	3.710	48.9620	0.086	569.919	0.009	11.21904 ± 0.02134	35.42 ± 0.07	96.23	2.42	0.183 ± 0.002
16D16331	18.5 %		0.0869582	0.691	106.8239	0.530	0.318413	7.607	24.0315	0.123	289.339	0.015	11.35081 ± 0.03220	35.83 ± 0.10	93.99	1.19	0.096 ± 0.001
16D16332	21.5 %		0.0640860	0.807	92.3234	0.551	0.182525	12.693	12.5868	0.197	153.931	0.025	11.35476 ± 0.05205	35.84 ± 0.16	92.39	0.62	0.058 ± 0.001
16D16334	23.0 %		0.0466025	1.025	62.6093	0.673	0.114180	20.403	7.5939	0.322	95.472	0.038	11.46774 ± 0.08411	36.19 ± 0.26	90.71	0.37	0.052 ± 0.001
		Σ	1.8376744	0.188	2162.3228	0.121	24.793000	0.579	2021.9952	0.015	24952.996	0.001					

Information on Analysis and Constants Used in Calculations

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D22-05**
Material = **Groundmass**
Location = **Rachel Seamount**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **15-OSU-07 (7B2-15)**
Position = **X: 0 | Y: 0 | Z/H: 4.24 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **8.91573 ± 0.01284**
FCT-NM J-value = **0.00176288 ± 0.00000254**
Air Shot 40Ar/36Ar = **304.5280 ± 0.4872**
Air Shot MDF = **0.99257895 ± 0.00069459 (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 = **IESS10094**
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		12.37940 ± 0.00692 (± 0.06%)	**39.04 ± 0.11 (± 0.29%)**	1.32	34.74	0.478 ± 0.035
		Full External Error ± 0.88		20%	13	
		Analytical Error ± 0.02		1.82	2σ Confidence Limit	
				1.1501	Error Magnification	
Total Fusion Age		12.16135 ± 0.00374 (± 0.03%)	**38.36 ± 0.11 (± 0.29%)**		37	0.402 ± 0.001
		Full External Error ± 0.87				
		Analytical Error ± 0.01				
Normal Isochron	**170.86 ± 203.78 (########)**	12.40082 ± 0.03558 (± 0.29%)	**39.11 ± 0.16 (± 0.40%)**	1.37	34.74	
		Full External Error ± 0.89		18%	13	
		Analytical Error ± 0.11		1.85	2σ Confidence Limit	
				1.1702	Error Magnification	
				1	Number of Iterations	
				0.0000016826	Convergence	
Inverse Isochron	**207.35 ± 108.18 (± 52.17%)**	12.39456 ± 0.03545 (± 0.29%)	**39.09 ± 0.16 (± 0.40%)**	1.36	34.74	
Clustered Points		Full External Error ± 0.89		19%	13	
		Analytical Error ± 0.11		1.85	2σ Confidence Limit	
				1.1650	Error Magnification	
				4	Number of Iterations	
				0.0001594594	Convergence	
				0%	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
16D16285	1.8 %		0.5170802	82.0612	0.0207166	132.7719	1723.538	40.92 ± 0.07	91.83	6.57	0.696 ± 0.008
16D16287	1.9 %		0.0669748	72.8155	0.0000000	122.6760	1515.353	38.96 ± 0.06	98.68	6.07	0.724 ± 0.009
16D16288	2.0 %		0.0336411	71.7034	0.0000000	112.0288	1382.467	38.92 ± 0.06	99.26	5.54	0.672 ± 0.009
16D16289	2.1 %	✓	0.0162410	46.2965	0.0257297	66.5057	822.734	39.01 ± 0.07	99.39	3.29	0.618 ± 0.011
16D16291	2.2 %	✓	0.0137623	47.4962	0.0125764	66.1058	817.782	39.01 ± 0.06	99.47	3.27	0.598 ± 0.010
16D16292	2.3 %	✓	0.0099350	37.7303	0.0000000	49.0035	606.955	39.06 ± 0.07	99.49	2.43	0.558 ± 0.011
16D16293	2.4 %	✓	0.0084398	34.9157	0.0000000	44.1251	546.641	39.07 ± 0.07	99.52	2.18	0.543 ± 0.012
16D16295	2.5 %	✓	0.0084076	39.0342	0.0062683	47.8948	593.560	39.08 ± 0.07	99.55	2.37	0.528 ± 0.010
16D16296	2.6 %	✓	0.0100555	55.9099	0.0027741	66.7544	825.498	39.00 ± 0.06	99.61	3.30	0.513 ± 0.008
16D16297	2.7 %	✓	0.0067024	43.6594	0.0000000	49.8073	616.945	39.06 ± 0.07	99.65	2.47	0.491 ± 0.009
16D16299	2.8 %	✓	0.0056903	42.7145	0.0000000	47.5313	589.418	39.11 ± 0.07	99.68	2.35	0.478 ± 0.009
16D16300	2.9 %	✓	0.0078740	42.1431	0.0286751	46.2763	573.205	39.06 ± 0.07	99.57	2.29	0.472 ± 0.009
16D16301	3.0 %	✓	0.0070876	42.7864	0.0000000	45.6408	564.651	39.02 ± 0.07	99.60	2.26	0.459 ± 0.008
16D16303	3.2 %	✓	0.0073900	48.2806	0.0106266	48.7651	604.305	39.08 ± 0.07	99.61	2.41	0.434 ± 0.007
16D16304	3.4 %	✓	0.0136984	79.9500	0.0000000	77.7841	961.441	38.98 ± 0.06	99.55	3.85	0.418 ± 0.005
16D16305	3.6 %	✓	0.0058692	47.6679	0.0135523	45.6641	564.949	39.02 ± 0.07	99.66	2.26	0.412 ± 0.007
16D16307	3.8 %		0.0071392	62.9775	0.0000000	57.0393	703.997	38.92 ± 0.07	99.67	2.82	0.389 ± 0.005
16D16308	4.0 %		0.0083876	56.0614	0.0000000	49.8770	615.545	38.92 ± 0.07	99.57	2.47	0.383 ± 0.006
16D16309	4.3 %		0.0069891	61.2496	0.0000000	52.8735	650.566	38.80 ± 0.07	99.65	2.62	0.371 ± 0.005
16D16311	4.6 %		0.0118451	67.6695	0.0000000	57.9317	711.102	38.71 ± 0.07	99.48	2.87	0.368 ± 0.005
16D16312	4.9 %		0.0079610	65.6159	0.0000000	55.5058	678.989	38.58 ± 0.07	99.62	2.75	0.364 ± 0.005
16D16313	5.2 %		0.0088455	67.4715	0.0000000	57.0298	695.848	38.48 ± 0.06	99.59	2.82	0.363 ± 0.005
16D16315	5.5 %		0.0097220	56.8776	0.0000000	49.6504	602.170	38.26 ± 0.07	99.49	2.46	0.375 ± 0.006
16D16316	5.8 %		0.0135390	59.9853	0.0000000	54.2473	652.656	37.95 ± 0.07	99.36	2.68	0.389 ± 0.006
16D16317	6.2 %		0.0180490	57.2046	0.0000000	56.5666	674.437	37.61 ± 0.06	99.18	2.80	0.425 ± 0.006
16D16319	6.6 %		0.0142736	44.3087	0.0068180	46.4288	551.418	37.47 ± 0.07	99.21	2.30	0.451 ± 0.008
16D16320	7.0 %		0.0111160	32.7432	0.0218287	36.4786	430.690	37.25 ± 0.07	99.21	1.81	0.479 ± 0.010
16D16321	7.6 %		0.0141077	31.1742	0.0082191	36.5202	426.575	36.86 ± 0.07	99.00	1.81	0.504 ± 0.011
16D16323	8.3 %		0.0169576	34.1529	0.0309240	39.3921	455.596	36.50 ± 0.07	98.88	1.95	0.496 ± 0.010
16D16324	9.0 %		0.0302821	46.9984	0.0337740	51.2720	583.818	35.94 ± 0.06	98.46	2.54	0.469 ± 0.008
16D16325	9.8 %		0.0297072	45.1944	0.0192876	45.2575	515.441	35.95 ± 0.07	98.29	2.24	0.431 ± 0.008
16D16327	11.0 %		0.0514803	71.6771	0.0494299	57.1097	643.620	35.57 ± 0.06	97.66	2.83	0.343 ± 0.004
16D16328	13.0 %		0.0625033	88.8638	0.0378507	55.0991	621.306	35.59 ± 0.06	97.08	2.73	0.267 ± 0.003
16D16329	15.5 %		0.0720755	115.1758	0.0334374	48.8842	548.434	35.42 ± 0.07	96.23	2.42	0.183 ± 0.002
16D16331	18.5 %		0.0585086	106.8239	0.0115532	23.9594	271.958	35.83 ± 0.10	93.99	1.19	0.096 ± 0.001
16D16332	21.5 %		0.0394965	92.3234	0.0178327	12.5244	142.212	35.84 ± 0.16	92.39	0.62	0.058 ± 0.001
16D16334	23.0 %		0.0299268	62.6093	0.0132378	7.5516	86.600	36.19 ± 0.26	90.71	0.37	0.052 ± 0.001
		Σ	1.2617621	2162.3228	0.4051120	2020.5343	24572.420				

Information on Analysis

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D22-05**
Material = **Groundmass**
Location = **Rachel Seamount**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **15-OSU-07 (7B2-15)**
J = **0.00176288 ± 0.00000254**
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	12.37940	± 0.00692	**39.04**	**± 0.11**	1.32	34.74	0.478 ± 0.035
		± 0.06%		**± 0.29%**	20%	13	
		Full External Error		± 0.88	1.82	2σ Confidence Limit	
		Analytical Error		± 0.02	1.1501	Error Magnification	
Total Fusion Age	12.16135	± 0.00374	**38.36**	**± 0.11**		37	0.402 ± 0.001
		± 0.03%		**± 0.29%**			
		Full External Error		± 0.87			
		Analytical Error		± 0.01			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
16D16285	1.8 %		256.77 ± 1.96	3628.71 ± 27.19	0.9813
16D16287	1.9 %		1831.67 ± 35.66	22921.23 ± 444.97	0.9972
16D16288	2.0 %		3330.12 ± 113.42	41390.10 ± 1408.39	0.9990
16D16289	2.1 %	✓	4094.92 ± 242.41	50953.24 ± 3015.10	0.9996
16D16291	2.2 %	✓	4803.41 ± 309.56	59717.53 ± 3847.33	0.9997
16D16292	2.3 %	✓	4932.39 ± 454.02	61387.85 ± 5649.71	0.9998
16D16293	2.4 %	✓	5228.24 ± 534.27	65065.20 ± 6647.96	0.9998
16D16295	2.5 %	✓	5696.64 ± 563.73	70893.90 ± 7014.52	0.9998
16D16296	2.6 %	✓	6638.59 ± 583.38	82389.49 ± 7239.02	0.9998
16D16297	2.7 %	✓	7431.30 ± 983.64	92344.31 ± 12222.17	0.9999
16D16299	2.8 %	✓	8353.03 ± 1175.21	103878.48 ± 14613.81	0.9999
16D16300	2.9 %	✓	5877.12 ± 619.68	73092.83 ± 7705.86	0.9999
16D16301	3.0 %	✓	6439.50 ± 791.73	79962.59 ± 9830.39	0.9999
16D16303	3.2 %	✓	6598.78 ± 739.74	82068.65 ± 9198.96	0.9999
16D16304	3.4 %	✓	5678.34 ± 433.74	70481.92 ± 5382.62	0.9998
16D16305	3.6 %	✓	7780.25 ± 1119.58	96551.48 ± 13892.69	0.9999
16D16307	3.8 %		7989.59 ± 1001.21	98905.52 ± 12393.24	0.9999
16D16308	4.0 %		5946.54 ± 634.29	73683.27 ± 7858.43	0.9999
16D16309	4.3 %		7565.11 ± 974.73	93378.01 ± 12030.33	0.9999
16D16311	4.6 %		4890.76 ± 377.01	60328.80 ± 4649.40	0.9998
16D16312	4.9 %		6972.18 ± 834.24	85584.47 ± 10239.49	0.9999
16D16313	5.2 %		6447.32 ± 678.28	78962.36 ± 8306.08	0.9999
16D16315	5.5 %		5107.00 ± 480.32	62234.22 ± 5852.28	0.9998
16D16316	5.8 %		4006.75 ± 274.45	48501.19 ± 3321.18	0.9997
16D16317	6.2 %		3134.05 ± 172.77	37662.45 ± 2075.23	0.9995
16D16319	6.6 %		3252.77 ± 203.26	38927.49 ± 2431.55	0.9996
16D16320	7.0 %		3281.63 ± 259.97	39040.51 ± 3091.90	0.9997
16D16321	7.6 %		2588.67 ± 160.90	30532.52 ± 1896.84	0.9995
16D16323	8.3 %		2322.98 ± 127.99	27162.30 ± 1495.67	0.9994
16D16324	9.0 %		1693.15 ± 58.51	19574.80 ± 675.56	0.9987
16D16325	9.8 %		1523.45 ± 49.82	17646.18 ± 576.27	0.9985
16D16327	11.0 %		1109.35 ± 26.87	12797.75 ± 309.24	0.9976
16D16328	13.0 %		881.54 ± 17.66	10235.87 ± 204.39	0.9964
16D16329	15.5 %		678.24 ± 13.62	7904.66 ± 158.10	0.9963
16D16331	18.5 %		409.50 ± 8.75	4943.68 ± 104.91	0.9932
16D16332	21.5 %		317.10 ± 8.70	3896.12 ± 105.77	0.9893
16D16334	23.0 %		252.34 ± 8.44	3189.21 ± 104.74	0.9809

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	**170.86 ± 203.78 ± 119.27%**	12.40082 ± 0.03558 ± 0.29%	**39.11 ± 0.16 ± 0.40%**	1.37 18%
			Full External Error ± 0.89	
			Analytical Error ± 0.11	

Statistics				
	2σ Confidence Limit	1.85	Convergence	0.000001682553
	Error Magnification	1.1702	Number of Iterations	1
	Number of Data Points	13	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
16D16285	1.8 %		0.0707613 ± 0.0001038	0.00027558 ± 0.00000206	0.0005
16D16287	1.9 %		0.0799117 ± 0.0001171	0.00004363 ± 0.00000085	0.0003
16D16288	2.0 %		0.0804569 ± 0.0001207	0.00002416 ± 0.00000082	0.0002
16D16289	2.1 %	✓	0.0803663 ± 0.0001325	0.00001963 ± 0.00000116	0.0002
16D16291	2.2 %	✓	0.0804355 ± 0.0001292	0.00001675 ± 0.00000108	0.0002
16D16292	2.3 %	✓	0.0803479 ± 0.0001381	0.00001629 ± 0.00000150	0.0002
16D16293	2.4 %	✓	0.0803538 ± 0.0001465	0.00001537 ± 0.00000157	0.0002
16D16295	2.5 %	✓	0.0803544 ± 0.0001402	0.00001411 ± 0.00000140	0.0001
16D16296	2.6 %	✓	0.0805757 ± 0.0001292	0.00001214 ± 0.00000107	0.0001
16D16297	2.7 %	✓	0.0804738 ± 0.0001371	0.00001083 ± 0.00000143	0.0001
16D16299	2.8 %	✓	0.0804116 ± 0.0001441	0.00000963 ± 0.00000135	0.0001
16D16300	2.9 %	✓	0.0804062 ± 0.0001425	0.00001368 ± 0.00000144	0.0002
16D16301	3.0 %	✓	0.0805314 ± 0.0001408	0.00001251 ± 0.00000154	0.0002
16D16303	3.2 %	✓	0.0804056 ± 0.0001434	0.00001218 ± 0.00000137	0.0001
16D16304	3.4 %	✓	0.0805645 ± 0.0001244	0.00001419 ± 0.00000108	0.0001
16D16305	3.6 %	✓	0.0805814 ± 0.0001456	0.00001036 ± 0.00000149	0.0001
16D16307	3.8 %		0.0807800 ± 0.0001332	0.00001011 ± 0.00000127	0.0001
16D16308	4.0 %		0.0807040 ± 0.0001427	0.00001357 ± 0.00000145	0.0002
16D16309	4.3 %		0.0810160 ± 0.0001364	0.00001071 ± 0.00000138	0.0001
16D16311	4.6 %		0.0810684 ± 0.0001358	0.00001658 ± 0.00000128	0.0002
16D16312	4.9 %		0.0814655 ± 0.0001358	0.00001168 ± 0.00000140	0.0001
16D16313	5.2 %		0.0816505 ± 0.0001346	0.00001266 ± 0.00000133	0.0001
16D16315	5.5 %		0.0820609 ± 0.0001427	0.00001607 ± 0.00000151	0.0002
16D16316	5.8 %		0.0826114 ± 0.0001392	0.00002062 ± 0.00000141	0.0002
16D16317	6.2 %		0.0832143 ± 0.0001393	0.00002655 ± 0.00000146	0.0002
16D16319	6.6 %		0.0835597 ± 0.0001484	0.00002569 ± 0.00000160	0.0003
16D16320	7.0 %		0.0840571 ± 0.0001621	0.00002561 ± 0.00000203	0.0003
16D16321	7.6 %		0.0847841 ± 0.0001637	0.00003275 ± 0.00000203	0.0004
16D16323	8.3 %		0.0855221 ± 0.0001620	0.00003682 ± 0.00000203	0.0004
16D16324	9.0 %		0.0864962 ± 0.0001502	0.00005109 ± 0.00000176	0.0004
16D16325	9.8 %		0.0863332 ± 0.0001524	0.00005667 ± 0.00000185	0.0006
16D16327	11.0 %		0.0866832 ± 0.0001439	0.00007814 ± 0.00000189	0.0006
16D16328	13.0 %		0.0861226 ± 0.0001464	0.00009770 ± 0.00000195	0.0007
16D16329	15.5 %		0.0858021 ± 0.0001489	0.00012651 ± 0.00000253	0.0009
16D16331	18.5 %		0.0828334 ± 0.0002065	0.00020228 ± 0.00000429	0.0016
16D16332	21.5 %		0.0813892 ± 0.0003256	0.00025667 ± 0.00000697	0.0023
16D16334	23.0 %		0.0791215 ± 0.0005154	0.00031356 ± 0.00001030	0.0027

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	**207.35 ± 108.18**	12.39456 ± 0.03545	**39.09 ± 0.16**	1.36
Clustered Points	**± 52.17%**	± 0.29%	**± 0.40%**	19%
			Full External Error ± 0.89	
			Analytical Error ± 0.11	

Statistics				
2σ Confidence Limit	1.85	Convergence	0.0001594594
Error Magnification	1.1650	Number of Iterations	4
Number of Data Points	13	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
16D16285	1.8 %		0.5170802	0.37	0.0000000	0.00	0.0218529	0.62	0.0000044	118.43	82.0612	0.60	0.0966423	0.37	0.0000000	0.00	1.597379	0.18	0.0058920	12.83	0.0207166	118.43	132.7719	0.07	0.0554406	1.45	1723.538	0.03	152.79721	0.37	0.0000000	0.00	0.5075871	2.66
16D16287	1.9 %		0.0669748	0.97	0.0000000	0.00	0.0193908	0.64	0.0000000	0.00	72.8155	0.63	0.0125176	0.97	0.0000000	0.00	1.475914	0.18	0.0052282	12.84	0.0000000	0.00	122.6760	0.07	0.0491942	1.46	1515.353	0.01	19.79104	0.97	0.0000000	0.00	0.4689902	2.66
16D16288	2.0 %		0.0336411	1.70	0.0000000	0.00	0.0190946	0.66	0.0000000	0.00	71.7034	0.65	0.0062875	1.70	0.0000000	0.00	1.347819	0.18	0.0051483	12.84	0.0000000	0.00	112.0288	0.07	0.0484428	1.47	1382.467	0.01	9.94094	1.70	0.0000000	0.00	0.4282863	2.66
16D16289	2.1 %	✓	0.0162410	2.96	0.0000000	0.00	0.0123288	0.87	0.0000054	92.35	46.2965	0.86	0.0030354	2.96	0.0000000	0.00	0.800131	0.18	0.0033241	12.85	0.0257297	92.36	66.5057	0.08	0.0312779	1.57	822.734	0.02	4.79922	2.96	0.0000000	0.00	0.2542515	2.66
16D16291	2.2 %	✓	0.0137623	3.22	0.0000000	0.00	0.0126482	0.85	0.0000027	198.08	47.4962	0.84	0.0025722	3.22	0.0000000	0.00	0.795319	0.18	0.0034102	12.85	0.0125764	198.08	66.1058	0.08	0.0320884	1.57	817.782	0.02	4.06675	3.22	0.0000000	0.00	0.2527226	2.66
16D16292	2.3 %	✓	0.0099350	4.60	0.0000000	0.00	0.0100476	1.02	0.0000000	0.00	37.7303	1.01	0.0018569	4.60	0.0000000	0.00	0.589561	0.18	0.0027090	12.86	0.0000000	0.00	49.0035	0.09	0.0254906	1.66	606.955	0.02	2.93581	4.60	0.0000000	0.00	0.1873403	2.66
16D16293	2.4 %	✓	0.0084398	5.11	0.0000000	0.00	0.0092981	1.10	0.0000000	0.00	34.9157	1.09	0.0015774	5.11	0.0000000	0.00	0.530869	0.18	0.0025070	12.87	0.0000000	0.00	44.1251	0.09	0.0235891	1.71	546.641	0.02	2.49395	5.11	0.0000000	0.00	0.1686904	2.66
16D16295	2.5 %	✓	0.0084076	4.95	0.0000000	0.00	0.0103948	0.94	0.0000013	370.48	39.0342	0.93	0.0015714	4.95	0.0000000	0.00	0.576222	0.18	0.0028027	12.85	0.0062683	370.48	47.8948	0.09	0.0263715	1.62	593.560	0.02	2.48443	4.95	0.0000000	0.00	0.1831018	2.66
16D16296	2.6 %	✓	0.0100555	4.39	0.0000000	0.00	0.0148888	0.77	0.0000006	892.18	55.9099	0.75	0.0018794	4.39	0.0000000	0.00	0.803123	0.18	0.0040143	12.84	0.0027741	892.18	66.7544	0.08	0.0377727	1.52	825.498	0.02	2.97141	4.39	0.0000000	0.00	0.2552022	2.66
16D16297	2.7 %	✓	0.0067024	6.62	0.0000000	0.00	0.0116265	0.89	0.0000000	0.00	43.6594	0.88	0.0012527	6.62	0.0000000	0.00	0.599231	0.18	0.0031347	12.85	0.0000000	0.00	49.8073	0.08	0.0294963	1.59	616.945	0.02	1.98055	6.62	0.0000000	0.00	0.1904132	2.66
16D16299	2.8 %	✓	0.0056903	7.03	0.0000000	0.00	0.0113749	0.91	0.0000000	0.00	42.7145	0.90	0.0010635	7.03	0.0000000	0.00	0.571849	0.18	0.0030669	12.85	0.0000000	0.00	47.5313	0.09	0.0288579	1.60	589.418	0.02	1.68148	7.03	0.0000000	0.00	0.1817121	2.66
16D16300	2.9 %	✓	0.0078740	5.27	0.0000000	0.00	0.0112227	0.95	0.0000061	84.69	42.1431	0.93	0.0014716	5.27	0.0000000	0.00	0.556750	0.18	0.0030259	12.85	0.0286751	84.69	46.2763	0.09	0.0284719	1.62	573.205	0.02	2.32676	5.27	0.0000000	0.00	0.1769144	2.66
16D16301	3.0 %	✓	0.0070876	6.15	0.0000000	0.00	0.0113940	0.93	0.0000000	0.00	42.7864	0.92	0.0013247	6.15	0.0000000	0.00	0.549105	0.18	0.0030721	12.85	0.0000000	0.00	45.6408	0.09	0.0289065	1.61	564.651	0.02	2.09440	6.15	0.0000000	0.00	0.1744849	2.66
16D16303	3.2 %	✓	0.0073900	5.60	0.0000000	0.00	0.0128571	0.82	0.0000022	227.00	48.2806	0.80	0.0013812	5.60	0.0000000	0.00	0.586693	0.18	0.0034665	12.85	0.0106266	227.00	48.7651	0.09	0.0326184	1.55	604.305	0.02	2.18375	5.60	0.0000000	0.00	0.1864290	2.66
16D16304	3.4 %	✓	0.0136984	3.82	0.0000000	0.00	0.0212907	0.63	0.0000000	0.00	79.9500	0.61	0.0025602	3.82	0.0000000	0.00	0.935821	0.18	0.0057404	12.83	0.0000000	0.00	77.7841	0.08	0.0540142	1.45	961.441	0.02	4.04787	3.82	0.0000000	0.00	0.2973686	2.66
16D16305	3.6 %	✓	0.0058692	7.19	0.0000000	0.00	0.0126940	0.86	0.0000029	177.05	47.6679	0.85	0.0010970	7.19	0.0000000	0.00	0.549385	0.18	0.0034226	12.85	0.0135523	177.05	45.6641	0.09	0.0322045	1.57	564.949	0.02	1.73436	7.19	0.0000000	0.00	0.1745738	2.66
16D16307	3.8 %		0.0071392	6.27	0.0000000	0.00	0.0167709	0.70	0.0000000	0.00	62.9775	0.68	0.0013343	6.27	0.0000000	0.00	0.686240	0.18	0.0045218	12.84	0.0000000	0.00	57.0393	0.08	0.0425476	1.49	703.997	0.02	2.10963	6.27	0.0000000	0.00	0.2180613	2.66
16D16308	4.0 %		0.0083876	5.33	0.0000000	0.00	0.0149292	0.75	0.0000000	0.00	56.0614	0.73	0.0015676	5.33	0.0000000	0.00	0.600070	0.18	0.0040252	12.84	0.0000000	0.00	49.8770	0.09	0.0378751	1.51	615.545	0.02	2.47853	5.33	0.0000000	0.00	0.1906798	2.66
16D16309	4.3 %		0.0069891	6.44	0.0000000	0.00	0.0163108	0.71	0.0000000	0.00	61.2496	0.70	0.0013063	6.44	0.0000000	0.00	0.636121	0.18	0.0043977	12.84	0.0000000	0.00	52.8735	0.08	0.0413802	1.49	650.566	0.02	2.06529	6.44	0.0000000	0.00	0.2021355	2.66
16D16311	4.6 %		0.0118451	3.85	0.0000000	0.00	0.0180204	0.68	0.0000000	0.00	67.6695	0.66	0.0022139	3.85	0.0000000	0.00	0.696976	0.18	0.0048587	12.84	0.0000000	0.00	57.9317	0.08	0.0457175	1.48	711.102	0.02	3.50024	3.85	0.0000000	0.00	0.2214730	2.66
16D16312	4.9 %		0.0079610	5.98	0.0000000	0.00	0.0174735	0.68	0.0000000	0.00	65.6159	0.66	0.0014879	5.98	0.0000000	0.00	0.667790	0.18	0.0047112	12.84	0.0000000	0.00	55.5058	0.08	0.0443301	1.48	678.989	0.02	2.35249	5.98	0.0000000	0.00	0.2121986	2.66
16D16313	5.2 %		0.0088455	5.26	0.0000000	0.00	0.0179677	0.69	0.0000000	0.00	67.4715	0.67	0.0016532	5.26	0.0000000	0.00	0.686125	0.18	0.0048445	12.84	0.0000000	0.00	57.0298	0.08	0.0455838	1.48	695.848	0.02	2.61385	5.26	0.0000000	0.00	0.2180249	2.66
16D16315	5.5 %		0.0097220	4.70	0.0000000	0.00	0.0151465	0.76	0.0000000	0.00	56.8776	0.75	0.0018170	4.70	0.0000000	0.00	0.597344	0.18	0.0040838	12.84	0.0000000	0.00	49.6504	0.09	0.0384265	1.52	602.170	0.02	2.87286	4.70	0.0000000	0.00	0.1898134	2.66
16D16316	5.8 %		0.0135390	3.42	0.0000000	0.00	0.0159741	0.72	0.0000000	0.00	59.9853	0.71	0.0025304	3.42	0.0000000	0.00	0.652650	0.18	0.0043069	12.84	0.0000000	0.00	54.2473	0.08	0.0405260	1.50	652.656	0.02	4.00077	3.42	0.0000000	0.00	0.2073875	2.66
16D16317	6.2 %		0.0180490	2.76	0.0000000	0.00	0.0152336	0.74	0.0000000	0.00	57.2046	0.73	0.0033734	2.76	0.0000000	0.00	0.680553	0.18	0.0041073	12.84	0.0000000	0.00	56.5666	0.08	0.0386474	1.51	674.437	0.02	5.33349	2.76	0.0000000	0.00	0.2162542	2.66
16D16319	6.6 %		0.0142736	3.12	0.0000000	0.00	0.0117994	0.94	0.0000014	353.07	44.3087	0.93	0.0026677	3.12	0.0000000	0.00	0.558585	0.18	0.0031814	12.85	0.0068180	353.07	46.4288	0.09	0.0299349	1.61	551.418	0.03	4.21785	3.12	0.0000000	0.00	0.1774973	2.66
16D16320	7.0 %		0.0111160	3.96	0.0000000	0.00	0.0087195	1.06	0.0000046	109.96	32.7432	1.05	0.0020776	3.96	0.0000000	0.00	0.438874	0.19	0.0023510	12.86	0.0218287	109.96	36.4786	0.10	0.0221213	1.69	430.690	0.03	3.28478	3.96	0.0000000	0.00	0.1394578	2.66
16D16321	7.6 %		0.0141077	3.11	0.0000000	0.00	0.0083017	1.15	0.0000017	277.85	31.1742	1.14	0.0026367	3.11	0.0000000	0.00	0.439374	0.19	0.0022383	12.87	0.0082191	277.85	36.5202	0.10	0.0210613	1.74	426.575	0.03	4.16882	3.11	0.0000000	0.00	0.1396167	2.66
16D16323	8.3 %		0.0169576	2.75	0.0000000	0.00	0.0090949	1.05	0.0000065	78.85	34.1529	1.04	0.0031694	2.75	0.0000000	0.00	0.473926	0.19	0.0024522	12.86	0.0309240	78.86	39.3921	0.09	0.0230737	1.68	455.596	0.03	5.01097	2.75	0.0000000	0.00	0.1505960	2.66
16D16324	9.0 %		0.0302821	1.73	0.0000000	0.00	0.0125157	0.81	0.0000071	67.95	46.9984	0.80	0.0056597	1.73	0.0000000	0.00	0.616853	0.18	0.0033745	12.84	0.0337740	67.96	51.2720	0.09	0.0317521	1.54	583.818	0.03	8.94836	1.73	0.0000000	0.00	0.1960128	2.66
16D16325	9.8 %		0.0297072	1.63	0.0000000	0.00	0.0120353	0.88	0.0000041	119.45	45.1944	0.87	0.0055523	1.63	0.0000000	0.00	0.544493	0.18	0.0032450	12.85	0.0192876	119.45	45.2575	0.09	0.0305333	1.58	515.441	0.03	8.77849	1.63	0.0000000	0.00	0.1730195	2.66
16D16327	11.0 %		0.0514803	1.21	0.0000000	0.00	0.0190876	0.65	0.0000105	47.08	71.6771	0.63	0.0096217	1.21	0.0000000	0.00	0.687087	0.18	0.0051464	12.84	0.0494299	47.09	57.1097	0.08	0.0484250	1.46	643.620	0.03	15.21244	1.21	0.0000000	0.00	0.2183305	2.66
16D16328	13.0 %		0.0625033	1.00	0.0000000	0.00	0.0236644	0.59	0.0000080	62.38	88.8638	0.57	0.0116819	1.00	0.0000000	0.00	0.662897	0.18	0.0063804	12.83	0.0378507	62.39	55.0991	0.08	0.0600364	1.44	621.306	0.03	18.46971	1.00	0.0000000	0.00	0.2106438	2.66
16D16329	15.5 %		0.0720755	1.00	0.0000000	0.00	0.0306713	0.54	0.0000071	71.53	115.1758	0.52	0.0134709	1.00	0.0000000	0.00	0.588126	0.18	0.0082696	12.83	0.0334374	71.54	48.8842	0.09	0.0778128	1.42	548.434	0.04	21.29832	1.00	0.0000000	0.00	0.1868843	2.66
16D16331	18.5 %		0.0585086	1.06	0.0000000	0.00	0.0284472	0.55	0.0000024	209.91	106.8239	0.53	0.0109353	1.06	0.0000000	0.00	0.288255	0.20	0.0076700	12.83	0.0115532	209.91	23.9594	0.12	0.0721702	1.42	271.958	0.07	17.28929	1.06	0.0000000	0.00	0.0915966	2.66
16D16332	21.5 %		0.0394965	1.36	0.0000000	0.00	0.0245857	0.57	0.0000038	130.03	92.3234	0.55	0.0073819	1.36	0.0000000	0.00	0.150681	0.25	0.0066288	12.83	0.0178327	130.03	12.5244	0.20	0.0623737	1.43	142.212	0.11	11.67123	1.36	0.0000000	0.00	0.0478809	2.67
16D16334	23.0 %		0.0299268	1.64	0.0000000	0.00	0.0166729	0.69	0.0000028	176.06	62.6093	0.67	0.0055933	1.64	0.0000000	0.00	0.090853	0.36	0.0044953	12.84	0.0132378	176.07	7.5516	0.32	0.0422988	1.48	86.600	0.17	8.84337	1.64	0.0000000	0.00	0.0288697	2.68
	Σ		1.2617621	0.28	0.0000000	0.00	0.5758266	0.12	0.0000857	26.30	2162.3228	0.12	0.2358233	0.28	0.0000000	0.00	24.309048	0.03	0.1552548	2.23	0.4051120	26.31	2020.5343	0.01	1.4608653	0.26	24572.420	0.00	372.85071	0.28	0.0000000	0.00	7.7245026	0.48
	Σ								1.8376744	0.20	2162.3228	0.12									25.105238	0.43			2021.9952	0.01							24952.996	0.01

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
16D16285	1.8 %		14.129942	0.010363	0.617804	0.003758	0.004057	0.000015	129.978	13.063069	1.00091843	9.009E-11
16D16287	1.9 %		12.512619	0.009164	0.593322	0.003740	0.000704	0.000005	129.992	13.066832	1.00091853	7.371E-11
16D16288	2.0 %		12.427463	0.009318	0.639767	0.004159	0.000471	0.000005	130.000	13.068804	1.00091858	6.686E-11
16D16289	2.1 %	✓	12.441002	0.010248	0.695801	0.005997	0.000429	0.000007	130.008	13.070776	1.00091864	3.973E-11
16D16291	2.2 %	✓	12.430114	0.009979	0.718139	0.006071	0.000399	0.000007	130.022	13.074541	1.00091874	3.946E-11
16D16292	2.3 %	✓	12.443224	0.010684	0.769551	0.007811	0.000408	0.000009	130.029	13.076335	1.00091879	2.928E-11
16D16293	2.4 %	✓	12.442127	0.011334	0.790867	0.008623	0.000402	0.000009	130.037	13.078308	1.00091884	2.637E-11
16D16295	2.5 %	✓	12.441840	0.010849	0.814551	0.007630	0.000392	0.000008	130.051	13.081896	1.00091894	2.862E-11
16D16296	2.6 %	✓	12.407496	0.009938	0.837072	0.006339	0.000373	0.000006	130.058	13.083691	1.00091899	3.978E-11
16D16297	2.7 %	✓	12.422873	0.010571	0.876047	0.007729	0.000368	0.000009	130.065	13.085485	1.00091904	2.972E-11
16D16299	2.8 %	✓	12.432293	0.011131	0.898115	0.008101	0.000359	0.000008	130.078	13.089076	1.00091914	2.838E-11
16D16300	2.9 %	✓	12.433027	0.011012	0.910123	0.008539	0.000413	0.000009	130.085	13.090871	1.00091919	2.763E-11
16D16301	3.0 %	✓	12.413477	0.010845	0.936865	0.008631	0.000405	0.000009	130.092	13.092667	1.00091924	2.721E-11
16D16303	3.2 %	✓	12.432444	0.011075	0.989403	0.008010	0.000415	0.000008	130.106	13.096259	1.00091933	2.912E-11
16D16304	3.4 %	✓	12.407626	0.009572	1.027132	0.006285	0.000450	0.000007	130.114	13.098235	1.00091939	4.636E-11
16D16305	3.6 %	✓	12.404888	0.011201	1.043146	0.008865	0.000406	0.000009	130.121	13.100032	1.00091944	2.721E-11
16D16307	3.8 %		12.373887	0.010194	1.103284	0.007589	0.000419	0.000008	130.135	13.103626	1.00091954	3.390E-11
16D16308	4.0 %		12.385373	0.010939	1.123140	0.008257	0.000467	0.000009	130.142	13.105424	1.00091958	2.967E-11
16D16309	4.3 %		12.337410	0.010376	1.157511	0.008127	0.000440	0.000008	130.149	13.107222	1.00091963	3.134E-11
16D16311	4.6 %		12.329351	0.010313	1.167169	0.007765	0.000515	0.000008	130.162	13.110818	1.00091973	3.431E-11
16D16312	4.9 %		12.269164	0.010213	1.181203	0.007901	0.000458	0.000008	130.169	13.112616	1.00091978	3.271E-11
16D16313	5.2 %		12.241362	0.010083	1.182148	0.008008	0.000470	0.000008	130.176	13.114415	1.00091983	3.354E-11
16D16315	5.5 %		12.180461	0.010583	1.144677	0.008603	0.000500	0.000009	130.190	13.118013	1.00091993	2.905E-11
16D16316	5.8 %		12.099658	0.010184	1.104948	0.007891	0.000544	0.000008	130.197	13.119813	1.00091998	3.153E-11
16D16317	6.2 %		12.012784	0.010045	1.010588	0.007409	0.000588	0.000009	130.204	13.121613	1.00092003	3.264E-11
16D16319	6.6 %		11.963597	0.010618	0.953721	0.008894	0.000561	0.000009	130.218	13.125213	1.00092012	2.668E-11
16D16320	7.0 %		11.893289	0.011461	0.897055	0.009459	0.000544	0.000012	130.225	13.127013	1.00092017	2.084E-11
16D16321	7.6 %		11.791691	0.011373	0.853124	0.009732	0.000613	0.000012	130.232	13.128814	1.00092022	2.068E-11
16D16323	8.3 %		11.689857	0.011063	0.866491	0.009051	0.000661	0.000012	130.246	13.132416	1.00092032	2.212E-11
16D16324	9.0 %		11.557871	0.010025	0.916080	0.007364	0.000834	0.000010	130.253	13.134218	1.00092037	2.846E-11
16D16325	9.8 %		11.579040	0.010214	0.997932	0.008692	0.000922	0.000010	130.260	13.136019	1.00092042	2.517E-11
16D16327	11.0 %		11.530307	0.009558	1.254012	0.008016	0.001235	0.000011	130.274	13.139623	1.00092052	3.163E-11
16D16328	13.0 %		11.602540	0.009846	1.611045	0.009322	0.001562	0.000011	130.281	13.141426	1.00092057	3.072E-11
16D16329	15.5 %		11.640027	0.010082	2.352350	0.012340	0.002099	0.000014	130.288	13.143409	1.00092062	2.736E-11
16D16331	18.5 %		12.039976	0.014956	4.445156	0.024171	0.003619	0.000025	130.302	13.147015	1.00092072	1.389E-11
16D16332	21.5 %		12.229558	0.024331	7.334936	0.042917	0.005092	0.000042	130.309	13.148818	1.00092077	7.389E-12
16D16334	23.0 %		12.572199	0.040709	8.244699	0.061478	0.006137	0.000066	130.323	13.152426	1.00092086	4.583E-12

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
16D16285	1.8 %	0.0101047 ± 0.0002522	0.0246472 ± 0.0175599	0.0492389 ± 0.0164312	0.0104106 ± 0.0169132	2.9836666 ± 0.0285030
16D16287	1.9 %	0.0099700 ± 0.0002522	0.0174241 ± 0.0175599	0.0493405 ± 0.0164312	0.0130578 ± 0.0169132	2.9315080 ± 0.0285030
16D16288	2.0 %	0.0099163 ± 0.0002522	0.0138148 ± 0.0175599	0.0490646 ± 0.0164312	0.0140225 ± 0.0169132	2.9077922 ± 0.0285030
16D16289	2.1 %	0.0098725 ± 0.0002522	0.0103465 ± 0.0175599	0.0486012 ± 0.0164312	0.0147417 ± 0.0169132	2.8863907 ± 0.0285030
16D16291	2.2 %	0.0098122 ± 0.0002522	0.0041677 ± 0.0175599	0.0472954 ± 0.0164312	0.0155464 ± 0.0169132	2.8515157 ± 0.0285030
16D16292	2.3 %	0.0097925 ± 0.0002522	0.0014496 ± 0.0175599	0.0465215 ± 0.0164312	0.0157153 ± 0.0169132	2.8374720 ± 0.0285030
16D16293	2.4 %	0.0097764 ± 0.0002522	0.0013607 ± 0.0175599	0.0455862 ± 0.0164312	0.0157743 ± 0.0169132	2.8237912 ± 0.0285030
16D16295	2.5 %	0.0097588 ± 0.0002522	0.0059617 ± 0.0175599	0.0437307 ± 0.0164312	0.0156197 ± 0.0169132	2.8032946 ± 0.0285030
16D16296	2.6 %	0.0097545 ± 0.0002522	0.0080061 ± 0.0175599	0.0427593 ± 0.0164312	0.0154503 ± 0.0169132	2.7949916 ± 0.0285030
16D16297	2.7 %	0.0097522 ± 0.0002522	0.0098751 ± 0.0175599	0.0417778 ± 0.0164312	0.0152400 ± 0.0169132	2.7878756 ± 0.0285030
16D16299	2.8 %	0.0097522 ± 0.0002522	0.0130786 ± 0.0175599	0.0398347 ± 0.0164312	0.0147506 ± 0.0169132	2.7768828 ± 0.0285030
16D16300	2.9 %	0.0097534 ± 0.0002522	0.0144118 ± 0.0175599	0.0388959 ± 0.0164312	0.0144955 ± 0.0169132	2.7728491 ± 0.0285030
16D16301	3.0 %	0.0097549 ± 0.0002522	0.0155667 ± 0.0175599	0.0379926 ± 0.0164312	0.0142472 ± 0.0169132	2.7696883 ± 0.0285030
16D16303	3.2 %	0.0097572 ± 0.0002522	0.0173504 ± 0.0175599	0.0363274 ± 0.0164312	0.0138058 ± 0.0169132	2.7656874 ± 0.0285030
16D16304	3.4 %	0.0097574 ± 0.0002522	0.0180406 ± 0.0175599	0.0355092 ± 0.0164312	0.0136106 ± 0.0169132	2.7646365 ± 0.0285030
16D16305	3.6 %	0.0097566 ± 0.0002522	0.0184959 ± 0.0175599	0.0348346 ± 0.0164312	0.0134703 ± 0.0169132	2.7642875 ± 0.0285030
16D16307	3.8 %	0.0097513 ± 0.0002522	0.0189407 ± 0.0175599	0.0337022 ± 0.0164312	0.0133104 ± 0.0169132	2.7650411 ± 0.0285030
16D16308	4.0 %	0.0097465 ± 0.0002522	0.0189458 ± 0.0175599	0.0332514 ± 0.0164312	0.0132949 ± 0.0169132	2.7660102 ± 0.0285030
16D16309	4.3 %	0.0097403 ± 0.0002522	0.0188180 ± 0.0175599	0.0328805 ± 0.0164312	0.0133228 ± 0.0169132	2.7672876 ± 0.0285030
16D16311	4.6 %	0.0097232 ± 0.0002522	0.0182062 ± 0.0175599	0.0323819 ± 0.0164312	0.0135037 ± 0.0169132	2.7705167 ± 0.0285030
16D16312	4.9 %	0.0097124 ± 0.0002522	0.0177461 ± 0.0175599	0.0322532 ± 0.0164312	0.0136509 ± 0.0169132	2.7723466 ± 0.0285030
16D16313	5.2 %	0.0097003 ± 0.0002522	0.0172007 ± 0.0175599	0.0322028 ± 0.0164312	0.0138298 ± 0.0169132	2.7742413 ± 0.0285030
16D16315	5.5 %	0.0096725 ± 0.0002522	0.0159133 ± 0.0175599	0.0323240 ± 0.0164312	0.0142581 ± 0.0169132	2.7779976 ± 0.0285030
16D16316	5.8 %	0.0096572 ± 0.0002522	0.0152034 ± 0.0175599	0.0324870 ± 0.0164312	0.0144917 ± 0.0169132	2.7797490 ± 0.0285030
16D16317	6.2 %	0.0096414 ± 0.0002522	0.0144726 ± 0.0175599	0.0327107 ± 0.0164312	0.0147257 ± 0.0169132	2.7813450 ± 0.0285030
16D16319	6.6 %	0.0096094 ± 0.0002522	0.0130237 ± 0.0175599	0.0333124 ± 0.0164312	0.0151504 ± 0.0169132	2.7838662 ± 0.0285030
16D16320	7.0 %	0.0095939 ± 0.0002522	0.0123462 ± 0.0175599	0.0336738 ± 0.0164312	0.0153155 ± 0.0169132	2.7846930 ± 0.0285030
16D16321	7.6 %	0.0095793 ± 0.0002522	0.0117286 ± 0.0175599	0.0340629 ± 0.0164312	0.0154301 ± 0.0169132	2.7851674 ± 0.0285030
16D16323	8.3 %	0.0095548 ± 0.0002522	0.0107658 ± 0.0175599	0.0348803 ± 0.0164312	0.0154430 ± 0.0169132	2.7848778 ± 0.0285030
16D16324	9.0 %	0.0095459 ± 0.0002522	0.0104694 ± 0.0175599	0.0352843 ± 0.0164312	0.0153059 ± 0.0169132	2.7840271 ± 0.0285030
16D16325	9.8 %	0.0095401 ± 0.0002522	0.0103305 ± 0.0175599	0.0356671 ± 0.0164312	0.0150476 ± 0.0169132	2.7826501 ± 0.0285030
16D16327	11.0 %	0.0095403 ± 0.0002522	0.0106345 ± 0.0175599	0.0363101 ± 0.0164312	0.0140830 ± 0.0169132	2.7781603 ± 0.0285030
16D16328	13.0 %	0.0095477 ± 0.0002522	0.0111345 ± 0.0175599	0.0365380 ± 0.0164312	0.0133315 ± 0.0169132	2.7749721 ± 0.0285030
16D16329	15.5 %	0.0095626 ± 0.0002522	0.0119997 ± 0.0175599	0.0366892 ± 0.0164312	0.0122593 ± 0.0169132	2.7706824 ± 0.0285030
16D16331	18.5 %	0.0096114 ± 0.0002522	0.0145520 ± 0.0175599	0.0366172 ± 0.0164312	0.0095409 ± 0.0169132	2.7606401 ± 0.0285030
16D16332	21.5 %	0.0096482 ± 0.0002522	0.0163692 ± 0.0175599	0.0363722 ± 0.0164312	0.0077530 ± 0.0169132	2.7544688 ± 0.0285030
16D16334	23.0 %	0.0097510 ± 0.0002522	0.0212577 ± 0.0175599	0.0353560 ± 0.0164312	0.0031723 ± 0.0169132	2.7396786 ± 0.0285030

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)
16D16285	1.8 %	0.5290020 ± 0.0010934	0.7136	EXP 150 of 150	6.1176287 ± 0.0196667	0.7831	EXP 150 of 150	1.6458579 ± 0.0173218	0.2881	EXP 150 of 150	131.7329906 ± 0.0236279	0.9993	EXP 150 of 150	1879.826777 ± 0.065204	0.9999	EXP 150 of 150
16D16287	1.9 %	0.0931241 ± 0.0005071	0.8801	EXP 150 of 150	5.4312426 ± 0.0178904	0.6977	EXP 149 of 150	1.3827875 ± 0.0163689	0.1720	EXP 150 of 150	121.7174270 ± 0.0200818	0.9994	EXP 150 of 150	1538.544611 ± 0.064083	0.9999	EXP 150 of 150
16D16288	2.0 %	0.0606910 ± 0.0004518	0.9252	EXP 150 of 150	5.3508225 ± 0.0193066	0.7018	EXP 150 of 150	1.2757459 ± 0.0166728	0.1879	EXP 150 of 150	111.1590889 ± 0.0245856	0.9989	EXP 150 of 150	1395.744183 ± 0.059521	0.9999	EXP 150 of 150
16D16289	2.1 %	0.0373851 ± 0.0003654	0.9119	EXP 150 of 150	3.4528986 ± 0.0189251	0.5779	EXP 150 of 150	0.7712690 ± 0.0165642	0.1407	EXP 149 of 150	65.9983299 ± 0.0229406	0.9973	EXP 150 of 150	830.673637 ± 0.045054	0.9998	EXP 150 of 150
16D16291	2.2 %	0.0352432 ± 0.0003200	0.9259	EXP 149 of 150	3.5478001 ± 0.0180105	0.4621	EXP 150 of 150	0.7545051 ± 0.0181324	0.0943	EXP 150 of 150	65.6033454 ± 0.0192537	0.9981	EXP 150 of 150	824.953457 ± 0.043851	0.9998	EXP 150 of 150
16D16292	2.3 %	0.0290321 ± 0.0003425	0.8903	EXP 150 of 150	2.8197930 ± 0.0190330	0.4519	EXP 150 of 150	0.5152356 ± 0.0177802	0.0049	EXP 150 of 150	48.6368669 ± 0.0169775	0.9972	EXP 150 of 150	612.915892 ± 0.039973	0.9997	EXP 150 of 150
16D16293	2.4 %	0.0268546 ± 0.0003109	0.9017	EXP 150 of 150	2.6117560 ± 0.0193166	0.4096	EXP 150 of 150	0.4554041 ± 0.0152600	0.0084	EXP 150 of 150	43.7972713 ± 0.0188196	0.9959	EXP 150 of 150	552.127815 ± 0.040064	0.9996	EXP 150 of 150
16D16295	2.5 %	0.0278633 ± 0.0002918	0.9168	EXP 150 of 150	2.9234649 ± 0.0166877	0.4705	EXP 150 of 150	0.5344252 ± 0.0158590	0.0586	EXP 150 of 150	47.5381737 ± 0.0177539	0.9969	EXP 150 of 150	599.030724 ± 0.037471	0.9997	EXP 150 of 150
16D16296	2.6 %	0.0337718 ± 0.0003169	0.9293	EXP 150 of 150	4.1862606 ± 0.0191504	0.5817	EXP 150 of 150	0.7569846 ± 0.0179149	0.0613	EXP 150 of 150	66.2520832 ± 0.0191791	0.9982	EXP 150 of 150	831.519159 ± 0.049103	0.9998	EXP 150 of 150
16D16297	2.7 %	0.0273995 ± 0.0003260	0.8992	EXP 150 of 150	3.2721777 ± 0.0178985	0.4822	EXP 149 of 150	0.5463343 ± 0.0159675	0.0214	EXP 150 of 150	49.4374723 ± 0.0165909	0.9974	EXP 150 of 150	621.903857 ± 0.040952	0.9997	EXP 150 of 150
16D16299	2.8 %	0.0261828 ± 0.0002697	0.9265	EXP 150 of 150	3.2039009 ± 0.0181131	0.5560	EXP 150 of 150	0.5151187 ± 0.0161380	0.0363	EXP 150 of 150	47.1792674 ± 0.0199089	0.9960	EXP 150 of 150	594.058362 ± 0.040682	0.9996	EXP 150 of 150
16D16300	2.9 %	0.0281458 ± 0.0002878	0.9074	EXP 150 of 150	3.1621166 ± 0.0194251	0.4205	EXP 150 of 150	0.5422730 ± 0.0173338	0.0859	EXP 150 of 150	45.9341148 ± 0.0179977	0.9965	EXP 150 of 150	578.481606 ± 0.040594	0.9996	EXP 150 of 150
16D16301	3.0 %	0.0275493 ± 0.0003152	0.8940	EXP 150 of 150	3.2108815 ± 0.0191357	0.5273	EXP 150 of 150	0.4807914 ± 0.0160460	0.0161	EXP 150 of 150	45.3040846 ± 0.0162007	0.9971	EXP 150 of 150	569.689850 ± 0.042008	0.9996	EXP 150 of 150
16D16303	3.2 %	0.0292536 ± 0.0002864	0.9131	EXP 150 of 150	3.6219896 ± 0.0172724	0.6322	EXP 150 of 150	0.5569040 ± 0.0171077	0.0541	EXP 150 of 150	48.4056089 ± 0.0203452	0.9961	EXP 150 of 150	609.440656 ± 0.041377	0.9997	EXP 150 of 150
16D16304	3.4 %	0.0434454 ± 0.0004053	0.8959	EXP 150 of 150	5.9862235 ± 0.0189966	0.7555	EXP 150 of 150	0.8670709 ± 0.0149388	0.0674	EXP 150 of 150	77.2042336 ± 0.0181935	0.9988	EXP 150 of 150	968.550877 ± 0.051540	0.9998	EXP 150 of 150
16D16305	3.6 %	0.0276323 ± 0.0002967	0.9081	EXP 150 of 150	3.5763687 ± 0.0191571	0.5746	EXP 150 of 150	0.5242012 ± 0.0169379	0.0724	EXP 150 of 150	45.3296446 ± 0.0192625	0.9959	EXP 150 of 150	569.621787 ± 0.040319	0.9996	EXP 150 of 150
16D16307	3.8 %	0.0327723 ± 0.0003237	0.9080	EXP 149 of 150	4.7182101 ± 0.0179607	0.6896	EXP 150 of 150	0.6291713 ± 0.0166471	0.0391	EXP 150 of 150	56.6203361 ± 0.0175842	0.9978	EXP 150 of 150	709.089639 ± 0.041931	0.9998	EXP 150 of 150
16D16308	4.0 %	0.0321962 ± 0.0003259	0.8854	EXP 150 of 150	4.2015764 ± 0.0175366	0.6631	EXP 150 of 150	0.5556598 ± 0.0158917	0.0482	EXP 149 of 150	49.5129507 ± 0.0203083	0.9962	EXP 150 of 150	620.980410 ± 0.043756	0.9996	EXP 150 of 150
16D16309	4.3 %	0.0321738 ± 0.0003281	0.8970	EXP 150 of 150	4.5879023 ± 0.0181401	0.7129	EXP 150 of 150	0.5830916 ± 0.0171452	0.0221	EXP 150 of 150	52.4880515 ± 0.0173707	0.9975	EXP 150 of 150	655.600242 ± 0.042159	0.9997	EXP 150 of 150
16D16311	4.6 %	0.0384782 ± 0.0003301	0.8884	EXP 150 of 150	5.0648126 ± 0.0184653	0.6878	EXP 150 of 150	0.6430420 ± 0.0161739	0.0455	EXP 150 of 150	57.5086343 ± 0.0199341	0.9973	EXP 150 of 150	717.594634 ± 0.042711	0.9998	EXP 150 of 150
16D16312	4.9 %	0.0342012 ± 0.0003586	0.8901	EXP 150 of 150	4.9105333 ± 0.0177094	0.7184	EXP 150 of 150	0.6306206 ± 0.0162102	0.0837	EXP 150 of 150	55.1016383 ± 0.0178309	0.9977	EXP 150 of 150	684.325669 ± 0.044910	0.9997	EXP 150 of 150
16D16313	5.2 %	0.0355164 ± 0.0003426	0.8970	EXP 149 of 150	5.0476652 ± 0.0194539	0.6785	EXP 150 of 150	0.6232819 ± 0.0158127	0.0138	EXP 150 of 150	56.6143957 ± 0.0175835	0.9979	EXP 150 of 150	701.454493 ± 0.039403	0.9998	EXP 150 of 150
16D16315	5.5 %	0.0336163 ± 0.0003362	0.8819	EXP 150 of 150	4.2553675 ± 0.0191986	0.6486	EXP 150 of 150	0.5455105 ± 0.0168633	0.0261	EXP 150 of 150	49.2896984 ± 0.0186233	0.9968	EXP 150 of 150	608.010487 ± 0.039547	0.9997	EXP 150 of 150
16D16316	5.8 %	0.0380729 ± 0.0003414	0.8795	EXP 150 of 150	4.4856758 ± 0.0183178	0.6335	EXP 150 of 150	0.6116148 ± 0.0153500	0.0643	EXP 150 of 150	53.8507187 ± 0.0183404	0.9974	EXP 150 of 150	659.644162 ± 0.041091	0.9997	EXP 150 of 150
16D16317	6.2 %	0.0416864 ± 0.0003812	0.8602	EXP 150 of 150	4.2771297 ± 0.0180884	0.6551	EXP 150 of 150	0.6250429 ± 0.0151215	0.0507	EXP 150 of 150	56.1490934 ± 0.0190586	0.9974	EXP 150 of 150	682.768283 ± 0.040776	0.9997	EXP 150 of 150
16D16319	6.6 %	0.0347143 ± 0.0003225	0.8596	EXP 150 of 150	3.3138194 ± 0.0208233	0.4723	EXP 150 of 150	0.5294625 ± 0.0170461	0.0463	EXP 150 of 150	46.0873811 ± 0.0183105	0.9965	EXP 150 of 150	558.597406 ± 0.037558	0.9997	EXP 150 of 150
16D16320	7.0 %	0.0286963 ± 0.0003241	0.8548	EXP 150 of 150	2.4512315 ± 0.0154912	0.4393	EXP 149 of 150	0.4245556 ± 0.0169678	0.0420	EXP 150 of 150	36.2124078 ± 0.0166476	0.9950	EXP 150 of 150	436.898667 ± 0.035525	0.9994	EXP 150 of 150
16D16321	7.6 %	0.0311571 ± 0.0003196	0.8450	EXP 150 of 150	2.3334308 ± 0.0170509	0.3196	EXP 150 of 150	0.4116912 ± 0.0153293	0.0080	EXP 150 of 150	36.2526844 ± 0.0166968	0.9952	EXP 150 of 150	433.668323 ± 0.038418	0.9993	EXP 150 of 150
16D16323	8.3 %	0.0346448 ± 0.0003533	0.8032	EXP 150 of 150	2.5536078 ± 0.0165674	0.5001	EXP 150 of 150	0.4680164 ± 0.0174807	0.0789	EXP 150 of 150	39.1027105 ± 0.0179283	0.9952	EXP 150 of 150	463.542657 ± 0.036628	0.9995	EXP 150 of 150
16D16324	9.0 %	0.0507591 ± 0.0004074	0.7537	EXP 150 of 150	3.5092354 ± 0.0158791	0.6195	EXP 149 of 150	0.6145881 ± 0.0154534	0.0572	EXP 150 of 150	50.8922270 ± 0.0195352	0.9967	EXP 150 of 150	595.746034 ± 0.038499	0.9997	EXP 150 of 150
16D16325	9.8 %	0.0497344 ± 0.0003618	0.7877	EXP 150 of 150	3.3743402 ± 0.0183510	0.5249	EXP 150 of 150	0.5284143 ± 0.0155985	0.0582	EXP 150 of 150	44.9263382 ± 0.0167958	0.9968	EXP 150 of 150	527.174966 ± 0.039531	0.9995	EXP 150 of 150
16D16327	11.0 %	0.0774942 ± 0.0004928	0.6322	EXP 150 of 150	5.3443973 ± 0.0178857	0.7588	EXP 150 of 150	0.7038264 ± 0.0158869	0.0572	EXP 150 of 150	56.6967188 ± 0.0182824	0.9977	EXP 150 of 150	661.829373 ± 0.043634	0.9997	EXP 150 of 150
16D16328	13.0 %	0.0925189 ± 0.0004721	0.4460	EXP 150 of 150	6.6229241 ± 0.0182485	0.8151	EXP 150 of 150	0.6716052 ± 0.0163676	0.0256	EXP 150 of 150	54.7135511 ± 0.0197780	0.9970	EXP 150 of 150	642.760907 ± 0.040236	0.9997	EXP 150 of 150
16D16329	15.5 %	0.1084956 ± 0.0005591	0.2483	EXP 150 of 150	8.5802003 ± 0.0181346	0.8844	EXP 150 of 150	0.5970683 ± 0.0167951	0.0098	EXP 150 of 150	48.5669302 ± 0.0177163	0.9970	EXP 150 of 150	572.689923 ± 0.041863	0.9996	EXP 150 of 150
16D16331	18.5 %	0.0933362 ± 0.0004620	0.0489	EXP 149 of 150	7.9592577 ± 0.0178706	0.8801	EXP 150 of 150	0.2770711 ± 0.0173001	0.0057	EXP 150 of 150	23.8411373 ± 0.0173520	0.9875	EXP 150 of 150	292.099726 ± 0.031289	0.9985	EXP 150 of 150
16D16332	21.5 %	0.0713512 ± 0.0003916	0.0959	EXP 150 of 150	6.8817044 ± 0.0163829	0.8750	EXP 149 of 150	0.1434441 ± 0.0158391	0.0073	EXP 150 of 150	12.4898423 ± 0.0156502	0.9583	EXP 150 of 150	156.685591 ± 0.025714	0.9757	EXP 150 of 150
16D16334	23.0 %	0.0546205 ± 0.0003625	0.2193	EXP 150 of 150	4.6757179 ± 0.0167328	0.7179	EXP 150 of 150	0.0771292 ± 0.0160220	0.0004	EXP 150 of 150	7.5338748 ± 0.0165149	0.8727	EXP 150 of 150	98.211490 ± 0.022314	0.8966	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
16D16285	1.8 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16287	1.9 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16288	2.0 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16289	2.1 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16291	2.2 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16292	2.3 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16293	2.4 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16295	2.5 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16296	2.6 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16297	2.7 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16299	2.8 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16300	2.9 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16301	3.0 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16303	3.2 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16304	3.4 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16305	3.6 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16307	3.8 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16308	4.0 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16309	4.3 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16311	4.6 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16312	4.9 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16313	5.2 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16315	5.5 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16316	5.8 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16317	6.2 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16319	6.6 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16320	7.0 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16321	7.6 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16323	8.3 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16324	9.0 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16325	9.8 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16327	11.0 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16328	13.0 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16329	15.5 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16331	18.5 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16332	21.5 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	01
16D16334	23.0 %	Susan Schnur	15-OSU-07	0.00	0.00	4.24	Walvis Ridge\MV1203 (13-INT-04)	16D16281	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
16D16285	1.8 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	13	57	1
16D16287	1.9 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	14	18	1
16D16288	2.0 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	14	29	1
16D16289	2.1 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	14	40	1
16D16291	2.2 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	15	1	1
16D16292	2.3 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	15	11	1
16D16293	2.4 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	15	22	1
16D16295	2.5 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	15	42	1
16D16296	2.6 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	15	52	1
16D16297	2.7 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	16	2	1
16D16299	2.8 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	16	22	1
16D16300	2.9 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	16	32	1
16D16301	3.0 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	16	42	1
16D16303	3.2 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	17	2	1
16D16304	3.4 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	17	13	1
16D16305	3.6 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	17	23	1
16D16307	3.8 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	17	43	1
16D16308	4.0 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	17	53	1
16D16309	4.3 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	18	3	1
16D16311	4.6 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	18	23	1
16D16312	4.9 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	18	33	1
16D16313	5.2 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	18	43	1
16D16315	5.5 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	19	3	1
16D16316	5.8 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	19	13	1
16D16317	6.2 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	19	23	1
16D16319	6.6 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	19	43	1
16D16320	7.0 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	19	53	1
16D16321	7.6 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	20	3	1
16D16323	8.3 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	20	23	1
16D16324	9.0 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	20	33	1
16D16325	9.8 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	20	43	1
16D16327	11.0 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	21	3	1
16D16328	13.0 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	21	13	1
16D16329	15.5 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	21	24	1
16D16331	18.5 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	21	44	1
16D16332	21.5 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	21	54	1
16D16334	23.0 %	MV1203-D22-05	Groundmass	Rachel Seamount	FCT-NM (7B2-15)	28.201	0.082	Kuiper et al (2008)	8.91573	0.144	0.00176288	0.144	304.528	0.16	0.99257895	0.070	1	4.8E-14	26	APR	2016	22	14	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
16D16285	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
16D16287	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
16D16288	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
16D16289	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
16D16291	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
16D16292	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
16D16293	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
16D16295	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
16D16296	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
16D16297	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
16D16299	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
16D16300	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
16D16301	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
16D16303	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
16D16304	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
16D16305	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
16D16307	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
16D16308	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
16D16309	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
16D16311	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
16D16312	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
16D16313	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
16D16315	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
16D16316	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
16D16317	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
16D16319	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
16D16320	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
16D16321	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
16D16323	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
16D16324	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
16D16325	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
16D16327	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
16D16328	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
16D16329	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
16D16331	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
16D16332	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
16D16334	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

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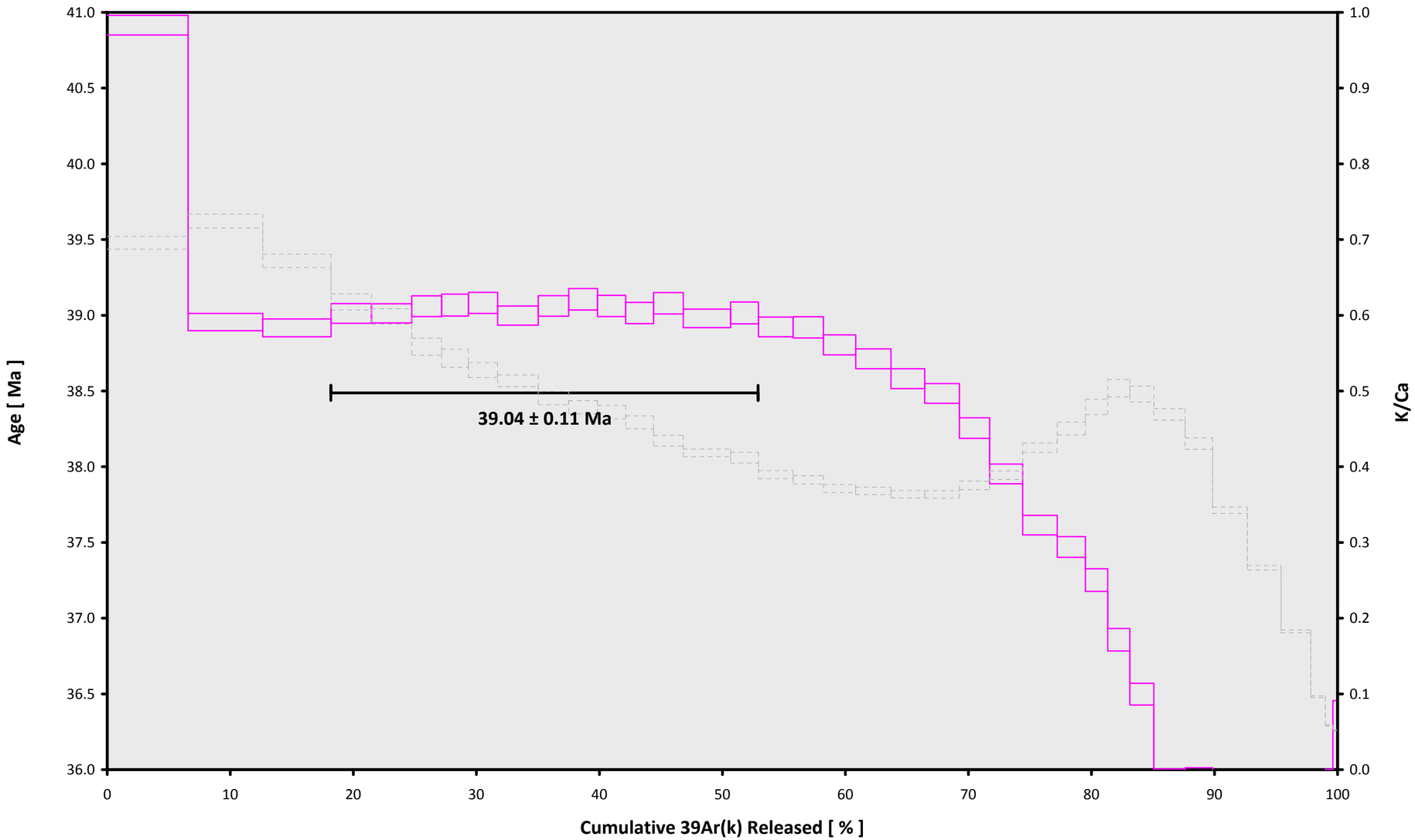


Ar-Ages in Ma

WEIGHTED PLATEAU
39.04 ± 0.11
TOTAL FUSION
38.36 ± 0.11
NORMAL ISOCHRON
39.11 ± 0.16
INVERSE ISOCHRON
39.09 ± 0.16

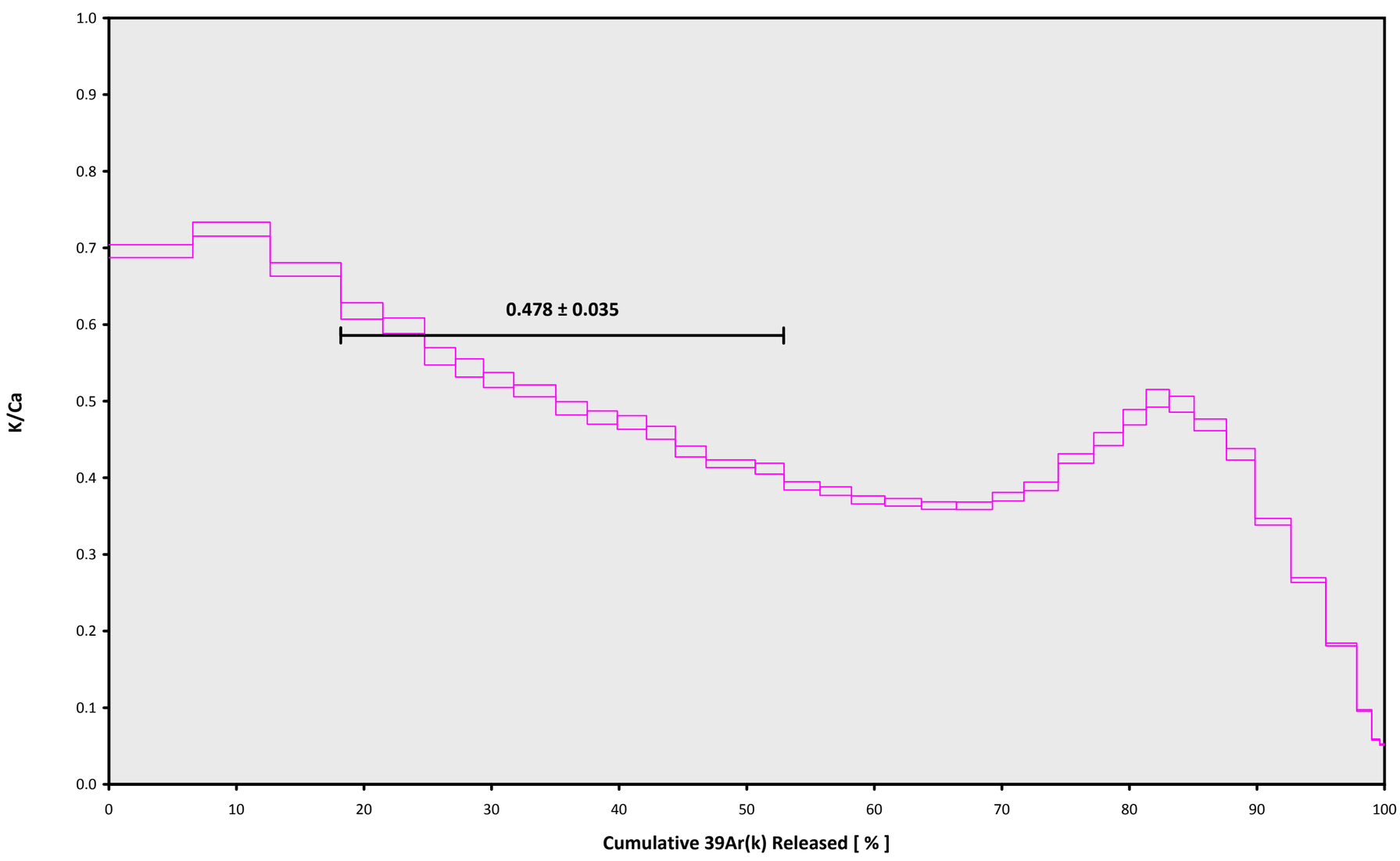
MSWD (PROBABILITY)
1.32 (20%)

Sample Info

Groundmass
Rachel Seamount
Susan Schnur

IRR = 15-OSU-07 (7B2-15)
J = 0.00176288 ± 0.00000254

16D16281.AGE >>> MV1203-D22-05 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

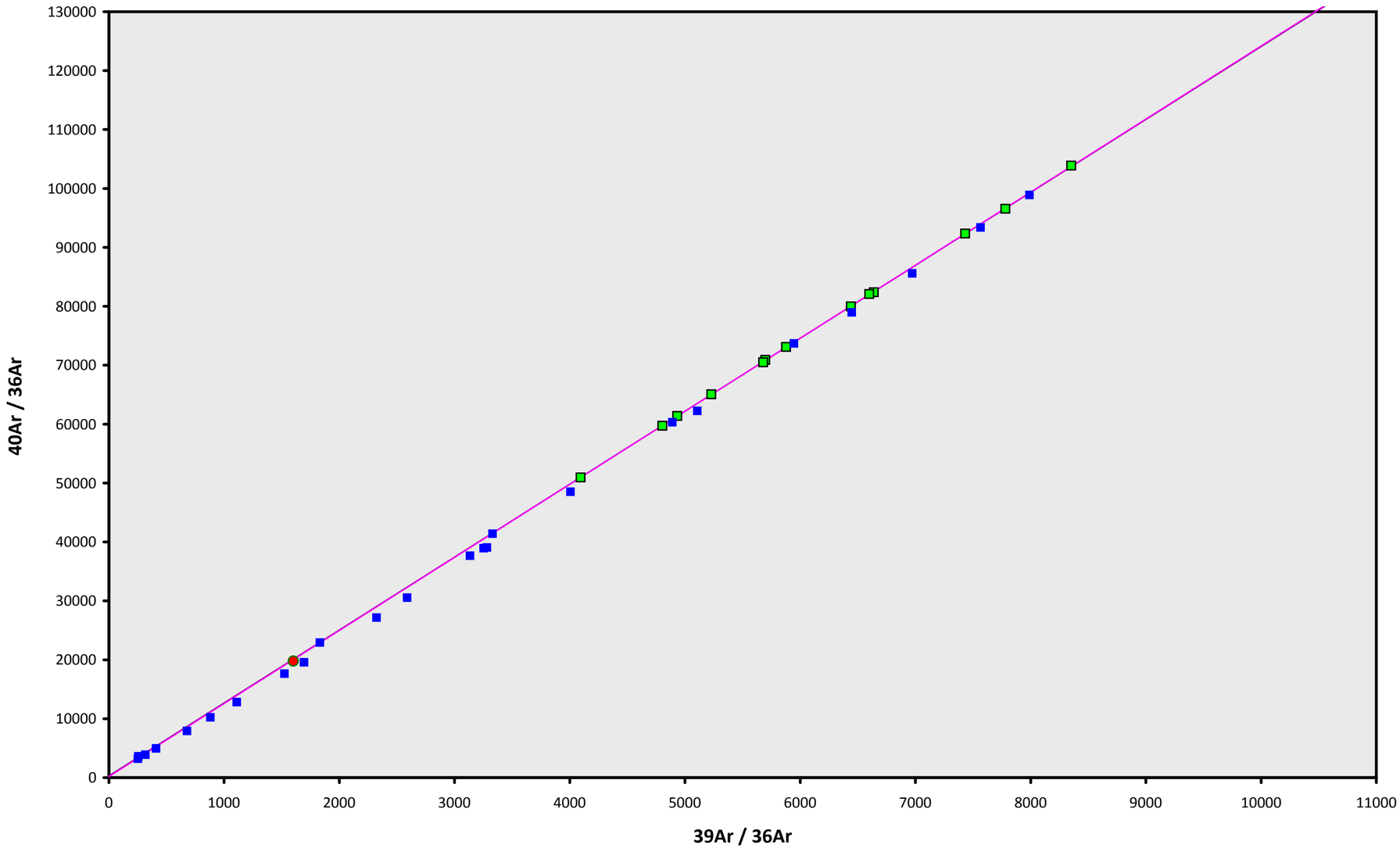
WEIGHTED PLATEAU
39.04 ± 0.11
TOTAL FUSION
38.36 ± 0.11
NORMAL ISOCHRON
39.11 ± 0.16
INVERSE ISOCHRON
39.09 ± 0.16

Sample Info

Groundmass
Rachel Seamount
Susan Schnur

IRR = 15-OSU-07 (7B2-15)
J = 0.00176288 ± 0.00000254

16D16281.AGE >>> MV1203-D22-05 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
39.04 ± 0.11
TOTAL FUSION
38.36 ± 0.11
NORMAL ISOCHRON
39.11 ± 0.16
INVERSE ISOCHRON
39.09 ± 0.16

MSWD (PROBABILITY)
1.37 (18%)

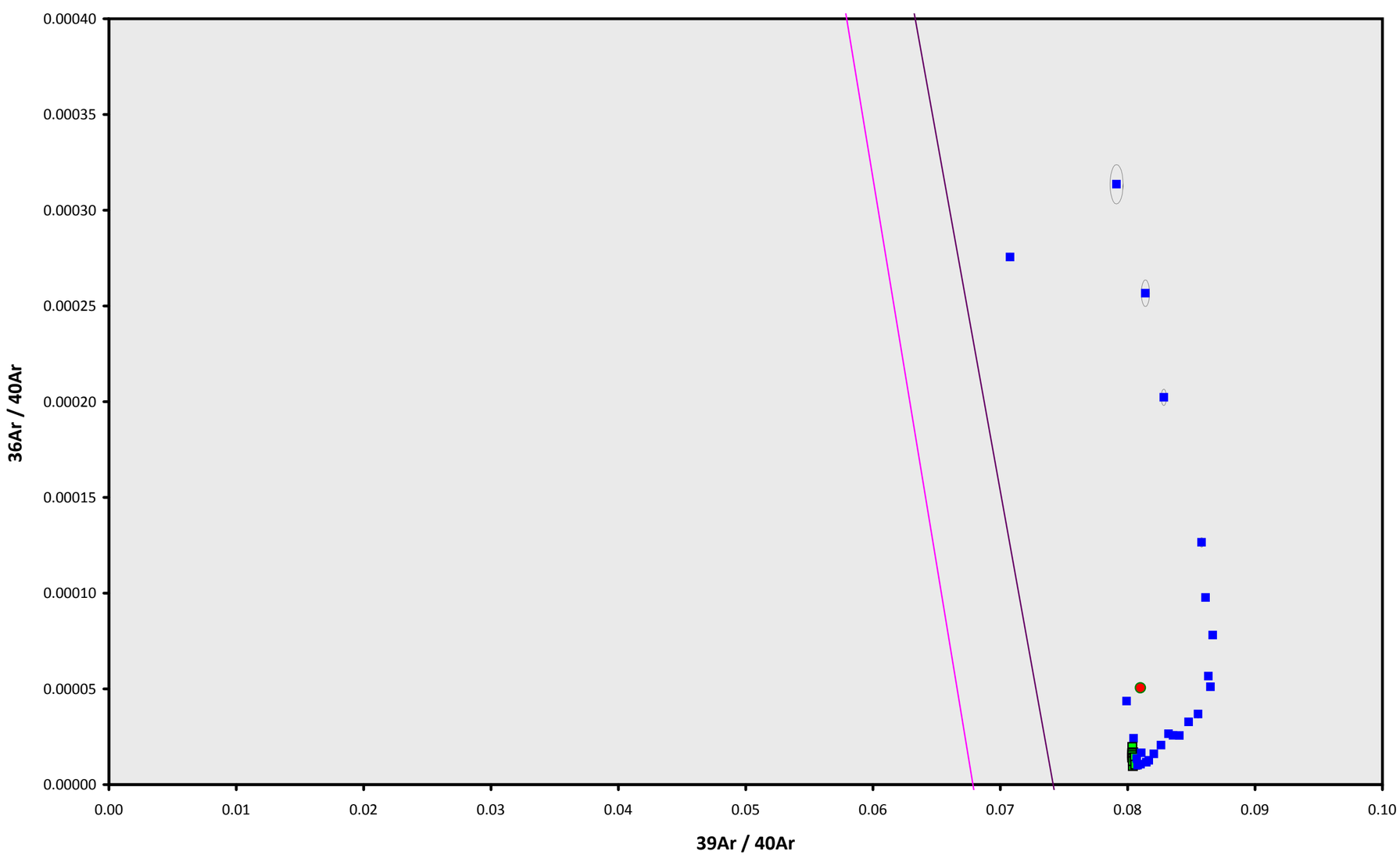
40AR/36AR INTERCEPT
170.9 ± 203.8

Sample Info

Groundmass
Rachel Seamount
Susan Schnur

IRR = 15-OSU-07 (7B2-15)
J = 0.00176288 ± 0.00000254

16D16281.AGE >>> MV1203-D22-05 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
39.04 ± 0.11
TOTAL FUSION
38.36 ± 0.11
NORMAL ISOCHRON
39.11 ± 0.16
INVERSE ISOCHRON
39.09 ± 0.16

MSWD (PROBABILITY)
1.36 (19%)

SPREADING FACTOR
0.3%

40AR/36AR INTERCEPT
207.3 ± 108.2

Sample Info

Groundmass
Rachel Seamount
Susan Schnur

IRR = 15-OSU-07 (7B2-15)
J = 0.00176288 ± 0.00000254