

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
16D14825	1.8 %	0.5172318	0.358	0.177007	164.128	0.843748	2.691	62.8880	0.082	888.737	0.017	11.69810 ± 0.02643	35.77 ± 0.08	82.78	2.68	152.8 ± 501.5
16D14827	1.9 %	0.1647962	0.560	0.457040	60.327	0.556400	4.368	44.6497	0.091	552.683	0.027	11.28461 ± 0.02480	34.51 ± 0.08	91.16	1.90	42.0 ± 50.7
16D14828	2.0 %	0.0941428	0.708	0.521232	54.862	0.462682	5.043	37.5468	0.099	447.870	0.033	11.18478 ± 0.02571	34.21 ± 0.08	93.77	1.60	31.0 ± 34.0
16D14829	2.1 %	0.0883439	0.755	0.316028	91.215	0.505575	4.696	43.7401	0.094	513.668	0.028	11.14361 ± 0.02371	34.09 ± 0.07	94.89	1.86	59.5 ± 108.6
16D14831	2.2 %	0.0702441	0.865	0.268228	105.078	0.566125	4.012	47.7562	0.090	551.178	0.027	11.10352 ± 0.02233	33.97 ± 0.07	96.20	2.03	76.6 ± 160.9
16D14832	2.3 %	0.0371181	1.341	0.204941	139.424	0.439011	5.322	38.1335	0.097	433.194	0.033	11.06894 ± 0.02399	33.86 ± 0.07	97.44	1.62	80.0 ± 223.1
16D14833	2.4 %	0.0460050	1.163	0.322957	89.997	0.533642	4.352	47.7675	0.090	543.380	0.027	11.08767 ± 0.02196	33.92 ± 0.07	97.47	2.03	63.6 ± 114.5
16D14835	2.5 %	0.0209714	2.127	0.500515	57.861	0.377772	6.067	34.9835	0.103	392.658	0.037	11.04436 ± 0.02537	33.79 ± 0.08	98.40	1.49	30.1 ± 34.8
16D14836	2.6 %	0.0210428	2.155	0.673792	42.206	0.430738	5.660	38.7024	0.097	433.606	0.033	11.04061 ± 0.02365	33.78 ± 0.07	98.54	1.65	24.7 ± 20.8
16D14837	2.7 %	0.0204550	2.407	0.777690	37.969	0.491502	4.967	42.8871	0.094	479.572	0.031	11.03900 ± 0.02298	33.77 ± 0.07	98.72	1.82	23.7 ± 18.0
16D14839	2.8 %	0.0193808	2.335	0.574770	53.171	0.552373	4.315	48.0094	0.090	534.900	0.028	11.01949 ± 0.02151	33.71 ± 0.07	98.90	2.04	35.9 ± 38.2
16D14840	2.9 %	0.0141713	3.174	0.550185	52.945	0.422848	5.742	38.3306	0.100	426.199	0.034	11.00719 ± 0.02437	33.67 ± 0.07	98.99	1.63	30.0 ± 31.7
16D14841	3.0 %	0.0174628	2.586	0.577012	49.207	0.634022	3.623	52.4681	0.088	582.898	0.025	11.00833 ± 0.02084	33.68 ± 0.06	99.09	2.23	39.1 ± 38.5
16D14843	3.2 %	0.0101666	4.334	0.690592	42.743	0.494754	4.930	41.6469	0.095	461.233	0.032	11.00030 ± 0.02288	33.65 ± 0.07	99.33	1.77	25.9 ± 22.2
16D14844	3.4 %	0.0169238	2.731	0.678653	43.965	0.701590	3.335	59.0859	0.083	654.497	0.022	10.98956 ± 0.01954	33.62 ± 0.06	99.21	2.51	37.4 ± 32.9
16D14845	3.6 %	0.0138131	3.045	0.409852	71.198	0.834720	2.987	68.3152	0.081	755.476	0.020	10.99564 ± 0.01875	33.64 ± 0.06	99.43	2.91	71.7 ± 102.1
16D14847	3.8 %	0.0112130	3.827	0.534633	52.903	0.829242	2.774	66.6831	0.082	736.521	0.020	10.99229 ± 0.01890	33.63 ± 0.06	99.52	2.84	53.6 ± 56.7
16D14848	4.0 %	0.0081764	5.300	0.463769	60.821	0.734087	3.248	62.6342	0.083	690.919	0.021	10.98926 ± 0.01933	33.62 ± 0.06	99.62	2.66	58.1 ± 70.6
16D14849	4.3 %	0.0072802	6.120	0.189929	152.685	0.870316	2.629	72.3524	0.079	797.686	0.019	10.99168 ± 0.01819	33.63 ± 0.06	99.70	3.08	163.8 ± 500.2
16D14851	4.6 %	0.0051499	8.211	0.372420	77.441	0.670865	3.507	56.3174	0.084	620.870	0.024	10.99422 ± 0.01977	33.63 ± 0.06	99.72	2.40	65.0 ± 100.7
16D14852	4.9 %	✓0.0079888	5.666	0.690072	43.079	1.119582	2.026	90.2638	0.077	993.655	0.015	10.97904 ± 0.01744	33.59 ± 0.05	99.73	3.84	56.2 ± 48.5
16D14853	5.2 %	✓0.0043310	9.606	0.338515	82.805	0.692001	3.449	57.2270	0.084	630.041	0.023	10.98384 ± 0.01971	33.60 ± 0.06	99.77	2.43	72.7 ± 120.4
16D14855	5.5 %	✓0.0044806	9.443	0.503357	57.310	0.913892	2.600	74.9033	0.079	824.015	0.018	10.98013 ± 0.01808	33.59 ± 0.05	99.81	3.19	64.0 ± 73.3
16D14856	5.8 %	✓0.0048173	8.452	0.615853	46.959	0.823307	2.963	65.6850	0.082	722.790	0.020	10.97923 ± 0.01890	33.59 ± 0.06	99.78	2.79	45.9 ± 43.1
16D14857	6.2 %	✓0.0057735	7.343	0.235652	122.850	0.881099	2.774	71.4776	0.080	786.223	0.019	10.97218 ± 0.01836	33.57 ± 0.06	99.75	3.04	130.4 ± 320.5
16D14859	6.6 %	✓0.0063829	6.637	0.603304	48.922	0.888440	2.710	75.6743	0.079	832.020	0.018	10.96670 ± 0.01816	33.55 ± 0.06	99.74	3.22	53.9 ± 52.8
16D14860	7.0 %	✓0.0079958	5.510	0.404044	74.356	0.897206	2.825	74.9437	0.081	824.316	0.018	10.96424 ± 0.01845	33.54 ± 0.06	99.68	3.19	79.8 ± 118.6
16D14861	7.6 %	✓0.0118390	3.638	0.628430	45.707	1.011969	2.340	83.1341	0.079	915.286	0.016	10.96451 ± 0.01796	33.54 ± 0.05	99.59	3.54	56.9 ± 52.0
16D14863	8.3 %	✓0.0294774	1.628	0.521494	56.474	1.032503	2.258	88.1923	0.077	975.210	0.015	10.95569 ± 0.01760	33.52 ± 0.05	99.08	3.75	72.7 ± 82.1
16D14864	9.0 %	✓0.0400875	1.329	0.439524	68.191	1.084608	2.158	92.5030	0.077	1025.556	0.015	10.95526 ± 0.01747	33.52 ± 0.05	98.81	3.93	90.5 ± 123.4
16D14865	9.8 %	✓0.0572492	0.960	0.584737	50.321	1.021976	2.343	85.1959	0.079	950.447	0.016	10.95422 ± 0.01802	33.51 ± 0.05	98.19	3.62	62.7 ± 63.1
16D14867	11.0 %	✓0.0867009	0.829	0.661008	45.203	1.157085	2.149	97.5993	0.076	1094.728	0.014	10.95081 ± 0.01754	33.50 ± 0.05	97.63	4.15	63.5 ± 57.4
16D14868	13.0 %	✓0.1574099	0.557	0.573504	48.887	1.430530	1.649	117.3665	0.074	1333.395	0.011	10.96123 ± 0.01706	33.53 ± 0.05	96.48	4.99	88.0 ± 86.0
16D14869	15.5 %	✓0.1940398	0.500	0.723048	39.595	1.404719	1.705	114.4359	0.074	1313.092	0.012	10.97014 ± 0.01731	33.56 ± 0.05	95.60	4.87	68.1 ± 53.9
16D14871	18.5 %	✓0.1869140	0.492	0.332451	86.571	1.109886	2.056	93.0775	0.076	1076.516	0.014	10.96887 ± 0.01799	33.56 ± 0.05	94.84	3.96	120.4 ± 208.4
16D14872	21.5 %	0.1413084	0.577	0.391724	76.162	0.613373	4.036	49.8786	0.088	591.463	0.025	11.01773 ± 0.02239	33.71 ± 0.07	92.91	2.12	54.8 ± 83.4
16D14874	23.0 %	0.0728108	0.797	0.150592	188.340	0.156578	15.056	14.4019	0.189	181.619	0.079	11.11397 ± 0.05241	34.00 ± 0.16	88.13	0.61	41.1 ± 154.9
Σ		2.2236961	0.174	17.658556	9.991	28.190767	0.513	2350.8576	0.014	26568.115	0.003					

Information on Analysis and Constants Used in Calculations	
Project = MV1203 (13-INT-04) Sample = MV1203-D27-08 Material = Groundmass Location = Right Guyot Region = Walvis Ridge Analyst = Susan Schnur Irradiation = 15-OSU-07 (7B15-15) Position = X: 0 Y: 0 Z/H: 25.8 mm FCT-NM Age = 28.201 ± 0.023 Ma FCT-NM Reference = Kuiper et al (2008) FCT-NM 40Ar/39Ar Ratio = 9.20416 ± 0.01289 FCT-NM J-value = 0.00170764 ± 0.00000239 Air Shot 40Ar/36Ar = 304.3890 ± 0.4901 Air Shot MDF = 0.99268987 ± 0.00069627 (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 = IESS10087 Rock Class = Igneous>Volcanic>Mafic Lithology = Trachyte Lat-Lon = 35°36.4'S - 5°41.4'W	Age Equations = Min et al. (2000) Negative Intensities = Allowed Collector Calibrations = 36Ar Decay 40K = 5.530 ± 0.048 E-10 1/a Decay 39Ar = 2.940 ± 0.016 E-07 1/h Decay 37Ar = 8.230 ± 0.012 E-04 1/h Decay 36Cl = 2.257 ± 0.015 E-06 1/a Decay 40K(EC,β ⁺) = 0.580 ± 0.009 E-10 1/a Decay 40K(β ⁻) = 4.950 ± 0.043 E-10 1/a Atmospheric 40/36(a) = 295.50 Atmospheric 38/36(a) = 0.1869 Production 39/37(ca) = 0.0006756 ± 0.0000089 Production 38/37(ca) = 0.0000718 ± 0.0000092 Production 36/37(ca) = 0.0002663 ± 0.0000004 Production 40/39(k) = 0.003823 ± 0.000102 Production 38/39(k) = 0.012031 ± 0.000019 Production 36/38(cl) = 262.80 ± 1.71 Scaling Ratio K/Ca = 0.430 Abundance Ratio 40K/K = 1.1700 ± 0.0100 E-04 Atomic Weight K = 39.0983 ± 0.0001 g

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau		10.96668 ± 0.00535 ± 0.05%	33.55 ± 0.09 ± 0.28%	1.33 18%	54.52 15	61.4 ± 17.4
		Full External Error ± 0.76 Analytical Error ± 0.02		1.76 1.1523	2σ Confidence Limit Error Magnification	
Total Fusion Age		11.01877 ± 0.00336 ± 0.03%	33.71 ± 0.09 ± 0.28%		37	57.2 ± 11.4
		Full External Error ± 0.76 Analytical Error ± 0.01				
Normal Isochron Error Chron	283.11 ± 10.83 ± 3.83%	10.97943 ± 0.00916 ± 0.08%	33.59 ± 0.10 ± 0.29%	2.21 1%	54.52 15	
		Full External Error ± 0.76 Analytical Error ± 0.03		1.78 1.4874	2σ Confidence Limit Error Magnification	
				0.0000016306	1 Convergence	
Inverse Isochron Clustered Points	291.25 ± 8.38 ± 2.88%	10.96908 ± 0.00711 ± 0.06%	33.56 ± 0.10 ± 0.28%	1.33 19%	54.52 15	
		Full External Error ± 0.76 Analytical Error ± 0.02		1.78 1.1513	2σ Confidence Limit Error Magnification	
Notes					2 Number of Iterations	
Low-T shows recoil effect but high-T steps yield a decent plateau.				0.0001565492	Convergence	
				5%	Spreading Factor	

Incremental Heating		36Ar(a) [fA]	37Ar(ca) [fA]	38Ar(cl) [fA]	39Ar(k) [fA]	40Ar(r) [fA]	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
16D14825	1.8 %	0.5171846	0.177007	0.0000000	62.8878	735.668	35.77 ± 0.08	82.78	2.68	152.8 ± 501.5
16D14827	1.9 %	0.1646745	0.457040	0.0000000	44.6494	503.851	34.51 ± 0.08	91.16	1.90	42.0 ± 50.7
16D14828	2.0 %	0.0940040	0.521232	0.0000000	37.5464	419.948	34.21 ± 0.08	93.77	1.60	31.0 ± 34.0
16D14829	2.1 %	0.0882597	0.316028	0.0000000	43.7398	487.420	34.09 ± 0.07	94.89	1.86	59.5 ± 108.6
16D14831	2.2 %	0.0701727	0.268228	0.0000000	47.7560	530.260	33.97 ± 0.07	96.20	2.03	76.6 ± 160.9
16D14832	2.3 %	0.0370635	0.204941	0.0000000	38.1334	422.096	33.86 ± 0.07	97.44	1.62	80.0 ± 223.1
16D14833	2.4 %	0.0459190	0.322957	0.0000000	47.7673	529.628	33.92 ± 0.07	97.47	2.03	63.6 ± 114.5
16D14835	2.5 %	0.0208381	0.500515	0.0000000	34.9831	386.366	33.79 ± 0.08	98.40	1.49	30.1 ± 34.8
16D14836	2.6 %	0.0208634	0.673792	0.0000000	38.7019	427.292	33.78 ± 0.07	98.54	1.65	24.7 ± 20.8
16D14837	2.7 %	0.0202479	0.777690	0.0000000	42.8865	473.425	33.77 ± 0.07	98.72	1.82	23.7 ± 18.0
16D14839	2.8 %	0.0192278	0.574770	0.0000000	48.0090	529.035	33.71 ± 0.07	98.90	2.04	35.9 ± 38.2
16D14840	2.9 %	0.0140248	0.550185	0.0000000	38.3302	421.908	33.67 ± 0.07	98.99	1.63	30.0 ± 31.7
16D14841	3.0 %	0.0173092	0.577012	0.0000000	52.4677	577.582	33.68 ± 0.06	99.09	2.23	39.1 ± 38.5
16D14843	3.2 %	0.0099827	0.690592	0.0000000	41.6465	458.123	33.65 ± 0.07	99.33	1.77	25.9 ± 22.2
16D14844	3.4 %	0.0167431	0.678653	0.0000000	59.0855	649.323	33.62 ± 0.06	99.21	2.51	37.4 ± 32.9
16D14845	3.6 %	0.0137020	0.409852	0.0102334	68.3149	751.166	33.64 ± 0.06	99.43	2.91	71.7 ± 102.1
16D14847	3.8 %	0.0110659	0.534633	0.0248754	66.6828	732.996	33.63 ± 0.06	99.52	2.84	53.6 ± 56.7
16D14848	4.0 %	0.0080529	0.463769	0.0000000	62.6339	688.300	33.62 ± 0.06	99.62	2.66	58.1 ± 70.6
16D14849	4.3 %	0.0072297	0.189929	0.0000000	72.3523	795.273	33.63 ± 0.06	99.70	3.08	163.8 ± 500.2
16D14851	4.6 %	0.0050508	0.372420	0.0000000	56.3171	619.163	33.63 ± 0.06	99.72	2.40	65.0 ± 100.7
16D14852	4.9 %	✓ 0.0077989	0.690072	0.0321163	90.2633	991.005	33.59 ± 0.05	99.73	3.84	56.2 ± 48.5
16D14853	5.2 %	✓ 0.0042404	0.338515	0.0026887	57.2268	628.570	33.60 ± 0.06	99.77	2.43	72.7 ± 120.4
16D14855	5.5 %	✓ 0.0043442	0.503357	0.0118857	74.9030	822.445	33.59 ± 0.05	99.81	3.19	64.0 ± 73.3
16D14856	5.8 %	✓ 0.0046471	0.615853	0.0321435	65.6846	721.166	33.59 ± 0.06	99.78	2.79	45.9 ± 43.1
16D14857	6.2 %	✓ 0.0057069	0.235652	0.0200700	71.4774	784.264	33.57 ± 0.06	99.75	3.04	130.4 ± 320.5
16D14859	6.6 %	✓ 0.0062222	0.603304	0.0000000	75.6739	829.892	33.55 ± 0.06	99.74	3.22	53.9 ± 52.8
16D14860	7.0 %	✓ 0.0078882	0.404044	0.0000000	74.9435	821.698	33.54 ± 0.06	99.68	3.19	79.8 ± 118.6
16D14861	7.6 %	✓ 0.0116698	0.628430	0.0095618	83.1336	911.520	33.54 ± 0.05	99.59	3.54	56.9 ± 52.0
16D14863	8.3 %	✓ 0.0293385	0.521494	0.0000000	88.1919	966.203	33.52 ± 0.05	99.08	3.75	72.7 ± 82.1
16D14864	9.0 %	✓ 0.0399704	0.439524	0.0000000	92.5027	1013.391	33.52 ± 0.05	98.81	3.93	90.5 ± 123.4
16D14865	9.8 %	✓ 0.0570934	0.584737	0.0000000	85.1955	933.250	33.51 ± 0.05	98.19	3.62	62.7 ± 63.1
16D14867	11.0 %	✓ 0.0865248	0.661008	0.0000000	97.5989	1068.787	33.50 ± 0.05	97.63	4.15	63.5 ± 57.4
16D14868	13.0 %	✓ 0.1572572	0.573504	0.0000000	117.3661	1286.477	33.53 ± 0.05	96.48	4.99	88.0 ± 86.0
16D14869	15.5 %	✓ 0.1938472	0.723048	0.0000000	114.4354	1255.372	33.56 ± 0.05	95.60	4.87	68.1 ± 53.9
16D14871	18.5 %	✓ 0.1868255	0.332451	0.0000000	93.0773	1020.953	33.56 ± 0.05	94.84	3.96	120.4 ± 208.4
16D14872	21.5 %	0.1412041	0.391724	0.0000000	49.8784	549.546	33.71 ± 0.07	92.91	2.12	54.8 ± 83.4
16D14874	23.0 %	0.0727707	0.150592	0.0000000	14.4018	160.061	34.00 ± 0.16	88.13	0.61	41.1 ± 154.9
Σ		2.2189659	17.658556	0.1435748	2350.8457	25903.423				

Information on Analysis	Results	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (% <i>n</i>)	K/Ca ± 2σ
Project = MV1203 (13-INT-04) Sample = MV1203-D27-08 Material = Groundmass Location = Right Guyot Region = Walvis Ridge Analyst = Susan Schnur Irradiation = 15-OSU-07 (7B15-15) J = 0.00170764 ± 0.00000239 FCT-NM = 28.201 ± 0.023 Ma	Age Plateau	10.96668 ± 0.00535 ± 0.05% Full External Error ± 0.76 Analytical Error ± 0.02	33.55 ± 0.09 ± 0.28%	1.33 18% 1.76 1.1523	54.52 15 2σ Confidence Limit Error Magnification	61.4 ± 17.4
	Total Fusion Age	11.01877 ± 0.00336 ± 0.03% Full External Error ± 0.76 Analytical Error ± 0.01	33.71 ± 0.09 ± 0.28%		37	57.2 ± 11.4

Normal Isochron		39(k)/36(a) ± 2σ		40(a+r)/36(a) ± 2σ	r.i.
16D14825	1.8 %		121.60 ± 0.90	1717.95 ± 12.34	0.9736
16D14827	1.9 %		271.14 ± 3.09	3355.18 ± 37.78	0.9861
16D14828	2.0 %		399.41 ± 5.76	4762.84 ± 68.10	0.9895
16D14829	2.1 %		495.58 ± 7.60	5818.06 ± 88.58	0.9918
16D14831	2.2 %		680.55 ± 11.94	7852.00 ± 137.03	0.9942
16D14832	2.3 %		1028.86 ± 28.02	11683.94 ± 317.54	0.9972
16D14833	2.4 %		1040.25 ± 24.56	11829.46 ± 278.58	0.9968
16D14835	2.5 %		1678.80 ± 73.02	18836.81 ± 818.52	0.9987
16D14836	2.6 %		1855.01 ± 81.85	20775.98 ± 915.93	0.9989
16D14837	2.7 %		2118.07 ± 104.39	23676.92 ± 1166.12	0.9992
16D14839	2.8 %		2496.86 ± 119.51	27809.64 ± 1330.18	0.9992
16D14840	2.9 %		2733.03 ± 177.95	30378.43 ± 1977.19	0.9995
16D14841	3.0 %		3031.21 ± 160.46	33664.05 ± 1781.11	0.9994
16D14843	3.2 %		4171.85 ± 374.14	46187.13 ± 4141.39	0.9998
16D14844	3.4 %		3528.94 ± 197.80	39077.02 ± 2189.45	0.9995
16D14845	3.6 %		4985.77 ± 311.39	55117.30 ± 3441.31	0.9996
16D14847	3.8 %		6025.99 ± 474.65	66534.86 ± 5239.74	0.9998
16D14848	4.0 %		7777.83 ± 849.63	85768.06 ± 9368.02	0.9999
16D14849	4.3 %		10007.69 ± 1252.01	110296.85 ± 13797.66	0.9999
16D14851	4.6 %		11150.21 ± 1897.59	122883.35 ± 20911.82	0.9999
16D14852	4.9 %	✓	11573.93 ± 1364.05	127366.16 ± 15009.54	0.9999
16D14853	5.2 %	✓	13495.76 ± 2690.86	148530.72 ± 29613.89	1.0000
16D14855	5.5 %	✓	17241.87 ± 3413.71	189613.56 ± 37540.32	1.0000
16D14856	5.8 %	✓	14134.43 ± 2520.98	155480.64 ± 27730.03	1.0000
16D14857	6.2 %	✓	12524.75 ± 1891.49	137719.38 ± 20797.34	0.9999
16D14859	6.6 %	✓	12161.93 ± 1684.38	133671.63 ± 18511.87	0.9999
16D14860	7.0 %	✓	9500.68 ± 1078.78	104463.27 ± 11860.40	0.9999
16D14861	7.6 %	✓	7123.84 ± 534.20	78404.91 ± 5878.14	0.9998
16D14863	8.3 %	✓	3006.01 ± 99.74	33228.41 ± 1101.42	0.9989
16D14864	9.0 %	✓	2314.28 ± 62.47	25649.00 ± 691.26	0.9983
16D14865	9.8 %	✓	1492.21 ± 29.12	16641.52 ± 323.73	0.9966
16D14867	11.0 %	✓	1127.99 ± 18.94	12647.87 ± 211.48	0.9957
16D14868	13.0 %	✓	746.33 ± 8.42	8476.22 ± 94.83	0.9911
16D14869	15.5 %	✓	590.34 ± 6.00	6771.59 ± 68.06	0.9889
16D14871	18.5 %	✓	498.20 ± 4.98	5760.24 ± 56.98	0.9880
16D14872	21.5 %		353.24 ± 4.14	4187.36 ± 48.61	0.9879
16D14874	23.0 %		197.91 ± 3.27	2495.02 ± 40.31	0.9687

Results	40(a)/36(a) ± 2σ		40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	283.11 ± 10.83		10.97943 ± 0.00916	33.59 ± 0.10	2.21
Error Chron	± 3.83%		± 0.08%	± 0.29%	1%
				Full External Error ± 0.76	
				Analytical Error ± 0.03	
Statistics	2σ Confidence Limit	1.78	Convergence	0.000001630639	
	Error Magnification	1.4874	Number of Iterations	1	
	Number of Data Points	15	Calculated Line	Weighted York-2	

Inverse Isochron		39(k)/40(a+r) ± 2σ		36(a)/40(a+r) ± 2σ	r.i.
16D14825	1.8 %		0.0707801 ± 0.0001190	0.00058209 ± 0.00000418	0.0095
16D14827	1.9 %		0.0808116 ± 0.0001532	0.00029805 ± 0.00000336	0.0132
16D14828	2.0 %		0.0838601 ± 0.0001746	0.00020996 ± 0.00000300	0.0142
16D14829	2.1 %		0.0851797 ± 0.0001667	0.00017188 ± 0.00000262	0.0108
16D14831	2.2 %		0.0866722 ± 0.0001634	0.00012736 ± 0.00000222	0.0087
16D14832	2.3 %		0.0880580 ± 0.0001799	0.00008559 ± 0.00000233	0.0081
16D14833	2.4 %		0.0879373 ± 0.0001655	0.00008453 ± 0.00000199	0.0065
16D14835	2.5 %		0.0891235 ± 0.0001948	0.00005309 ± 0.00000231	0.0058
16D14836	2.6 %		0.0892865 ± 0.0001824	0.00004813 ± 0.00000212	0.0050
16D14837	2.7 %		0.0894573 ± 0.0001775	0.00004224 ± 0.00000208	0.0038
16D14839	2.8 %		0.0897840 ± 0.0001689	0.00003596 ± 0.00000172	0.0034
16D14840	2.9 %		0.0899660 ± 0.0001905	0.00003292 ± 0.00000214	0.0034
16D14841	3.0 %		0.0900429 ± 0.0001650	0.00002971 ± 0.00000157	0.0026
16D14843	3.2 %		0.0903250 ± 0.0001804	0.00002165 ± 0.00000194	0.0023
16D14844	3.4 %		0.0903074 ± 0.0001558	0.00002559 ± 0.00000143	0.0021
16D14845	3.6 %		0.0904575 ± 0.0001512	0.00001814 ± 0.00000113	0.0015
16D14847	3.8 %		0.0905689 ± 0.0001524	0.00001503 ± 0.00000118	0.0012
16D14848	4.0 %		0.0906844 ± 0.0001557	0.00001166 ± 0.00000127	0.0010
16D14849	4.3 %		0.0907342 ± 0.0001470	0.00000907 ± 0.00000113	0.0007
16D14851	4.6 %		0.0907382 ± 0.0001588	0.00000814 ± 0.00000138	0.0008
16D14852	4.9 %	✓	0.0908713 ± 0.0001422	0.00000785 ± 0.00000093	0.0005
16D14853	5.2 %	✓	0.0908617 ± 0.0001590	0.00000673 ± 0.00000134	0.0006
16D14855	5.5 %	✓	0.0909316 ± 0.0001471	0.00000527 ± 0.00000104	0.0004
16D14856	5.8 %	✓	0.0909080 ± 0.0001534	0.00000643 ± 0.00000115	0.0006
16D14857	6.2 %	✓	0.0909440 ± 0.0001493	0.00000726 ± 0.00000110	0.0006
16D14859	6.6 %	✓	0.0909836 ± 0.0001481	0.00000748 ± 0.00000104	0.0006
16D14860	7.0 %	✓	0.0909476 ± 0.0001502	0.00000957 ± 0.00000109	0.0007
16D14861	7.6 %	✓	0.0908596 ± 0.0001466	0.00001275 ± 0.00000096	0.0009
16D14863	8.3 %	✓	0.0904651 ± 0.0001428	0.00003009 ± 0.00000100	0.0018
16D14864	9.0 %	✓	0.0902287 ± 0.0001410	0.00003899 ± 0.00000105	0.0021
16D14865	9.8 %	✓	0.0896680 ± 0.0001440	0.00006009 ± 0.00000117	0.0032
16D14867	11.0 %	✓	0.0891839 ± 0.0001382	0.00007906 ± 0.00000132	0.0030
16D14868	13.0 %	✓	0.0880502 ± 0.0001322	0.00011798 ± 0.00000132	0.0032
16D14869	15.5 %	✓	0.0871787 ± 0.0001315	0.00014768 ± 0.00000148	0.0036
16D14871	18.5 %	✓	0.0864902 ± 0.0001338	0.00017360 ± 0.00000172	0.0050
16D14872	21.5 %		0.0843577 ± 0.0001536	0.00023881 ± 0.00000277	0.0118
16D14874	23.0 %		0.0793204 ± 0.0003256	0.00040080 ± 0.00000648	0.0380

Results	40(a)/36(a) ± 2σ		40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	291.25 ± 8.38		10.96908 ± 0.00711	33.56 ± 0.10	1.33
Clustered Points	± 2.88%		± 0.06%	± 0.28%	19%
			Full External Error ± 0.76		
			Analytical Error ± 0.02		
Statistics	2σ Confidence Limit	1.78	Convergence	0.0001565492	
	Error Magnification	1.1513	Number of Iterations	2	
	Number of Data Points	15	Calculated Line	Weighted York-2	
	Spreading Factor	4.9%			

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
16D14825	1.8 %	0.5171846	0.36	0.0000000	0.00	0.0000471	164.13	0.0000000	0.00	0.177007	164.13	0.0966618	0.36	0.0000000	0.00	0.756604	0.18	0.0000127	164.63	0.0000000	0.00	62.8878	0.08	0.0001196	164.13	735.668	0.08	152.82806	0.36	0.0000000	0.00	0.2404202	2.66
16D14827	1.9 %	0.1646745	0.56	0.0000000	0.00	0.0001217	60.33	0.0000000	0.00	0.457040	60.33	0.0307777	0.56	0.0000000	0.00	0.537177	0.18	0.0000328	61.67	0.0000000	0.00	44.6494	0.09	0.0003088	60.34	503.851	0.06	48.66132	0.56	0.0000000	0.00	0.1706946	2.66
16D14828	2.0 %	0.0940040	0.71	0.0000000	0.00	0.0001388	54.86	0.0000000	0.00	0.521232	54.86	0.0175693	0.71	0.0000000	0.00	0.451721	0.19	0.0000374	56.34	0.0000000	0.00	37.5464	0.10	0.0003521	54.88	419.948	0.06	27.77818	0.71	0.0000000	0.00	0.1435399	2.66
16D14829	2.1 %	0.0882597	0.76	0.0000000	0.00	0.0000842	91.21	0.0000000	0.00	0.316028	91.21	0.0164957	0.76	0.0000000	0.00	0.526234	0.19	0.0000227	92.11	0.0000000	0.00	43.7398	0.09	0.0002135	91.22	487.420	0.05	26.08074	0.76	0.0000000	0.00	0.1672174	2.66
16D14831	2.2 %	0.0701727	0.87	0.0000000	0.00	0.0000714	105.08	0.0000000	0.00	0.268228	105.08	0.0131153	0.87	0.0000000	0.00	0.574553	0.18	0.0000193	105.86	0.0000000	0.00	47.7560	0.09	0.0001812	105.09	530.260	0.04	20.73603	0.87	0.0000000	0.00	0.1825713	2.66
16D14832	2.3 %	0.0370635	1.36	0.0000000	0.00	0.0000546	139.42	0.0000000	0.00	0.204941	139.42	0.0069272	1.36	0.0000000	0.00	0.458783	0.19	0.0000147	140.01	0.0000000	0.00	38.1334	0.10	0.0001385	139.43	422.096	0.05	10.95228	1.36	0.0000000	0.00	0.1457839	2.66
16D14833	2.4 %	0.0459190	1.18	0.0000000	0.00	0.0000860	90.00	0.0000000	0.00	0.322957	90.00	0.0085823	1.18	0.0000000	0.00	0.574689	0.18	0.0000232	90.91	0.0000000	0.00	47.7673	0.09	0.0002182	90.01	529.628	0.04	13.56907	1.18	0.0000000	0.00	0.1826145	2.66
16D14835	2.5 %	0.0208381	2.17	0.0000000	0.00	0.0001333	57.86	0.0000000	0.00	0.500515	57.86	0.0038946	2.17	0.0000000	0.00	0.420882	0.19	0.0000359	59.26	0.0000000	0.00	34.9831	0.10	0.0003381	57.88	386.366	0.05	6.15767	2.17	0.0000000	0.00	0.1337405	2.66
16D14836	2.6 %	0.0208634	2.20	0.0000000	0.00	0.0001794	42.21	0.0000000	0.00	0.673792	42.21	0.0038994	2.20	0.0000000	0.00	0.465623	0.19	0.0000484	44.11	0.0000000	0.00	38.7019	0.10	0.0004552	42.23	427.292	0.05	6.16514	2.20	0.0000000	0.00	0.1479574	2.66
16D14837	2.7 %	0.0202479	2.46	0.0000000	0.00	0.0002071	37.97	0.0000000	0.00	0.777690	37.97	0.0037843	2.46	0.0000000	0.00	0.515968	0.19	0.0000558	40.07	0.0000000	0.00	42.8865	0.09	0.0005254	37.99	473.425	0.04	5.98325	2.46	0.0000000	0.00	0.1639552	2.66
16D14839	2.8 %	0.0192278	2.39	0.0000000	0.00	0.0001531	53.17	0.0000000	0.00	0.574770	53.17	0.0035937	2.39	0.0000000	0.00	0.577597	0.18	0.0000413	54.69	0.0000000	0.00	48.0090	0.09	0.0003883	53.19	529.035	0.04	5.68180	2.39	0.0000000	0.00	0.1835385	2.66
16D14840	2.9 %	0.0140248	3.25	0.0000000	0.00	0.0001465	52.95	0.0000000	0.00	0.550185	52.95	0.0026212	3.25	0.0000000	0.00	0.461151	0.19	0.0000395	54.48	0.0000000	0.00	38.3302	0.10	0.0003717	52.96	421.908	0.05	4.14434	3.25	0.0000000	0.00	0.1465365	2.66
16D14841	3.0 %	0.0173092	2.65	0.0000000	0.00	0.0001537	49.21	0.0000000	0.00	0.577012	49.21	0.0032351	2.65	0.0000000	0.00	0.631239	0.18	0.0000414	50.85	0.0000000	0.00	52.4677	0.09	0.0003898	49.22	577.582	0.03	5.11486	2.65	0.0000000	0.00	0.2005842	2.66
16D14843	3.2 %	0.0099827	4.48	0.0000000	0.00	0.0001839	42.74	0.0000000	0.00	0.690592	42.74	0.0018658	4.48	0.0000000	0.00	0.501049	0.19	0.0000496	44.62	0.0000000	0.00	41.6465	0.09	0.0004666	42.76	458.123	0.04	2.94989	4.48	0.0000000	0.00	0.1592145	2.66
16D14844	3.4 %	0.0167431	2.80	0.0000000	0.00	0.0001807	43.97	0.0000000	0.00	0.678653	43.96	0.0031293	2.80	0.0000000	0.00	0.710857	0.18	0.0000487	45.80	0.0000000	0.00	59.0855	0.08	0.0004585	43.98	649.323	0.03	4.94759	2.80	0.0000000	0.00	0.2258838	2.66
16D14845	3.6 %	0.0137020	3.12	0.0000000	0.00	0.0001091	71.20	0.0000000	244.12	0.409852	71.20	0.0025609	3.12	0.0000000	0.00	0.821897	0.18	0.0000294	72.34	0.0102334	244.12	68.3149	0.08	0.0002769	71.21	751.166	0.03	4.04893	3.12	0.0000000	0.00	0.2611679	2.66
16D14847	3.8 %	0.0110659	3.94	0.0000000	0.00	0.0001424	52.90	0.0000048	92.65	0.534633	52.90	0.0020682	3.94	0.0000000	0.00	0.802260	0.18	0.0000384	54.43	0.0248754	92.65	66.6828	0.08	0.0003612	52.92	732.996	0.03	3.26996	3.94	0.0000000	0.00	0.2549282	2.66
16D14848	4.0 %	0.0080529	5.46	0.0000000	0.00	0.0001235	60.82	0.0000000	0.00	0.463769	60.82	0.0015051	5.46	0.0000000	0.00	0.753548	0.18	0.0000333	62.16	0.0000000	0.00	62.6339	0.08	0.0003133	60.83	688.300	0.03	2.37962	5.46	0.0000000	0.00	0.2394494	2.66
16D14849	4.3 %	0.0072297	6.25	0.0000000	0.00	0.0000506	152.68	0.0000000	0.00	0.189929	152.68	0.0013512	6.25	0.0000000	0.00	0.870470	0.18	0.0000136	153.22	0.0000000	0.00	72.3523	0.08	0.0001283	152.69	795.273	0.03	2.13637	6.25	0.0000000	0.00	0.2766027	2.66
16D14851	4.6 %	0.0050508	8.51	0.0000000	0.00	0.0000992	77.44	0.0000000	0.00	0.372420	77.44	0.0009440	8.51	0.0000000	0.00	0.677551	0.18	0.0000267	78.49	0.0000000	0.00	56.3171	0.08	0.0002516	77.45	619.163	0.03	1.49250	8.51	0.0000000	0.00	0.2153003	2.66
16D14852	4.9 %	✓ 0.0077989	5.89	0.0000000	0.00	0.0001838	43.08	0.0000062	70.88	0.690072	43.08	0.0014576	5.89	0.0000000	0.00	1.085958	0.18	0.0000495	44.95	0.0321163	70.89	90.2633	0.08	0.0004662	43.10	991.005	0.02	2.30456	5.89	0.0000000	0.00	0.3450767	2.66
16D14853	5.2 %	✓ 0.0042404	9.97	0.0000000	0.00	0.0000901	82.81	0.0000005	888.83	0.338515	82.80	0.0007925	9.97	0.0000000	0.00	0.688495	0.18	0.0000243	83.79	0.0026887	888.83	57.2268	0.08	0.0002287	82.82	628.570	0.03	1.25302	9.97	0.0000000	0.00	0.2187780	2.66
16D14855	5.5 %	✓ 0.0043442	9.90	0.0000000	0.00	0.0001340	57.31	0.0000023	200.40	0.503357	57.31	0.0008119	9.90	0.0000000	0.00	0.901158	0.18	0.0000361	58.73	0.0118857	200.40	74.9030	0.08	0.0003401	57.33	822.445	0.02	1.28373	9.90	0.0000000	0.00	0.2863542	2.66
16D14856	5.8 %	✓ 0.0046471	8.92	0.0000000	0.00	0.0001640	46.96	0.0000062	76.02	0.615853	46.96	0.0008685	8.92	0.0000000	0.00	0.790251	0.18	0.0000442	48.68	0.0321435	76.02	65.6846	0.08	0.0004161	46.98	721.166	0.03	1.37323	8.92	0.0000000	0.00	0.2511121	2.66
16D14857	6.2 %	✓ 0.0057069	7.55	0.0000000	0.00	0.0000628	122.85	0.0000039	122.03	0.235652	122.85	0.0010666	7.55	0.0000000	0.00	0.859945	0.18	0.0000169	123.52	0.0200700	122.04	71.4774	0.08	0.0001592	122.86	784.264	0.02	1.68639	7.55	0.0000000	0.00	0.2732583	2.66
16D14859	6.6 %	✓ 0.0062222	6.92	0.0000000	0.00	0.0001607	48.92	0.0000000	0.00	0.603304	48.92	0.0011629	6.92	0.0000000	0.00	0.910433	0.18	0.0000433	50.57	0.0000000	0.00	75.6739	0.08	0.0004076	48.94	829.892	0.02	1.83866	6.92	0.0000000	0.00	0.2893013	2.66
16D14860	7.0 %	✓ 0.0078882	5.68	0.0000000	0.00	0.0001076	74.36	0.0000000	0.00	0.404044	74.36	0.0014743	5.68	0.0000000	0.00	0.901645	0.18	0.0000290	75.45	0.0000000	0.00	74.9435	0.08	0.0002730	74.37	821.698	0.02	2.33097	5.68	0.0000000	0.00	0.2865089	2.66
16D14861	7.6 %	✓ 0.0116698	3.75	0.0000000	0.00	0.0001674	45.71	0.0000018	248.35	0.628430	45.71	0.0021811	3.75	0.0000000	0.00	1.000181	0.18	0.0000451	47.47	0.0095618	248.35	83.1336	0.08	0.0004246	45.73	911.520	0.02	3.44842	3.75	0.0000000	0.00	0.3178199	2.66
16D14863	8.3 %	✓ 0.0293385	1.66	0.0000000	0.00	0.0001389	56.47	0.0000000	0.00	0.521494	56.47	0.0054834	1.66	0.0000000	0.00	1.061037	0.18	0.0000374	57.91	0.0000000	0.00	88.1919	0.08	0.0003523	56.49	966.203	0.02	8.66953	1.66	0.0000000	0.00	0.3371577	2.66
16D14864	9.0 %	✓ 0.0399704	1.35	0.0000000	0.00	0.0001170	68.19	0.0000000	0.00	0.439524	68.19	0.0074705	1.35	0.0000000	0.00	1.112900	0.18	0.0000316	69.39	0.0000000	0.00	92.5027	0.08	0.0002969	68.20	1013.391	0.02	11.81127	1.35	0.0000000	0.00	0.3536378	2.66
16D14865	9.8 %	✓ 0.0570934	0.97	0.0000000	0.00	0.0001557	50.32	0.0000000	0.00	0.584737	50.32	0																					

Additional Parameters		40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
16D14825	1.8 %	14.132060	0.011884	0.002815	0.004620	0.008225	0.000030	118.708	10.456055	1.00083883	4.266E-11
16D14827	1.9 %	12.378202	0.011731	0.010236	0.006175	0.003691	0.000021	118.722	10.459068	1.00083894	2.653E-11
16D14828	2.0 %	11.928327	0.012416	0.013882	0.007616	0.002507	0.000018	118.730	10.460646	1.00083899	2.150E-11
16D14829	2.1 %	11.743647	0.011488	0.007225	0.006590	0.002020	0.000015	118.737	10.462224	1.00083905	2.466E-11
16D14831	2.2 %	11.541506	0.010880	0.005617	0.005902	0.001471	0.000013	118.752	10.465238	1.00083915	2.646E-11
16D14832	2.3 %	11.359930	0.011605	0.005374	0.007493	0.000973	0.000013	118.759	10.466674	1.00083920	2.079E-11
16D14833	2.4 %	11.375503	0.010704	0.006761	0.006085	0.000963	0.000011	118.767	10.468253	1.00083925	2.608E-11
16D14835	2.5 %	11.224095	0.012266	0.014307	0.008278	0.000599	0.000013	118.781	10.471126	1.00083935	1.885E-11
16D14836	2.6 %	11.203596	0.011442	0.017410	0.007348	0.000544	0.000012	118.787	10.472562	1.00083940	2.081E-11
16D14837	2.7 %	11.182203	0.011091	0.018133	0.006885	0.000477	0.000011	118.794	10.473998	1.00083945	2.302E-11
16D14839	2.8 %	11.141570	0.010479	0.011972	0.006366	0.000404	0.000009	118.808	10.476872	1.00083955	2.568E-11
16D14840	2.9 %	11.119024	0.011770	0.014354	0.007600	0.000370	0.000012	118.815	10.478309	1.00083959	2.046E-11
16D14841	3.0 %	11.109554	0.010180	0.010997	0.005412	0.000333	0.000009	118.822	10.479747	1.00083964	2.798E-11
16D14843	3.2 %	11.074826	0.011059	0.016582	0.007088	0.000244	0.000011	118.836	10.482622	1.00083974	2.214E-11
16D14844	3.4 %	11.077031	0.009554	0.011486	0.005050	0.000286	0.000008	118.843	10.484060	1.00083979	3.142E-11
16D14845	3.6 %	11.058692	0.009242	0.005999	0.004271	0.000202	0.000006	118.850	10.485498	1.00083984	3.626E-11
16D14847	3.8 %	11.045087	0.009292	0.008018	0.004242	0.000168	0.000006	118.864	10.488375	1.00083994	3.535E-11
16D14848	4.0 %	11.031017	0.009472	0.007404	0.004503	0.000131	0.000007	118.871	10.489814	1.00083999	3.316E-11
16D14849	4.3 %	11.025008	0.008929	0.002625	0.004008	0.000101	0.000006	118.878	10.491253	1.00084004	3.829E-11
16D14851	4.6 %	11.024495	0.009648	0.006613	0.005121	0.000091	0.000008	118.892	10.494131	1.00084013	2.980E-11
16D14852	4.9 %	✓11.008342	0.008613	0.007645	0.003293	0.000089	0.000005	118.899	10.495571	1.00084018	4.770E-11
16D14853	5.2 %	✓11.009512	0.009633	0.005915	0.004898	0.000076	0.000007	118.906	10.497011	1.00084023	3.024E-11
16D14855	5.5 %	✓11.001045	0.008897	0.006720	0.003851	0.000060	0.000006	118.919	10.499891	1.00084033	3.955E-11
16D14856	5.8 %	✓11.003886	0.009286	0.009376	0.004403	0.000073	0.000006	118.926	10.501331	1.00084038	3.469E-11
16D14857	6.2 %	✓10.999576	0.009026	0.003297	0.004050	0.000081	0.000006	118.933	10.502772	1.00084043	3.774E-11
16D14859	6.6 %	✓10.994756	0.008945	0.007972	0.003900	0.000084	0.000006	118.948	10.505797	1.00084053	3.994E-11
16D14860	7.0 %	✓10.999125	0.009082	0.005391	0.004009	0.000107	0.000006	118.955	10.507239	1.00084058	3.957E-11
16D14861	7.6 %	✓11.009758	0.008878	0.007559	0.003455	0.000142	0.000005	118.962	10.508680	1.00084063	4.393E-11
16D14863	8.3 %	✓11.057768	0.008724	0.005913	0.003339	0.000334	0.000005	118.976	10.511563	1.00084073	4.681E-11
16D14864	9.0 %	✓11.086730	0.008663	0.004751	0.003240	0.000433	0.000006	118.983	10.513005	1.00084078	4.923E-11
16D14865	9.8 %	✓11.156022	0.008955	0.006863	0.003454	0.000672	0.000006	118.990	10.514447	1.00084083	4.562E-11
16D14867	11.0 %	✓11.216555	0.008689	0.006773	0.003061	0.000888	0.000007	119.003	10.517332	1.00084092	5.255E-11
16D14868	13.0 %	✓11.360949	0.008529	0.004886	0.002389	0.001341	0.000008	119.010	10.518775	1.00084097	6.400E-11
16D14869	15.5 %	✓11.474472	0.008652	0.006318	0.002502	0.001696	0.000009	119.017	10.520218	1.00084102	6.303E-11
16D14871	18.5 %	✓11.565794	0.008948	0.003572	0.003092	0.002008	0.000010	119.031	10.523104	1.00084112	5.167E-11
16D14872	21.5 %	11.858043	0.010797	0.007854	0.005981	0.002833	0.000017	119.038	10.524548	1.00084117	2.839E-11
16D14874	23.0 %	12.610835	0.025879	0.010456	0.019694	0.005056	0.000041	119.052	10.527435	1.00084127	8.718E-12

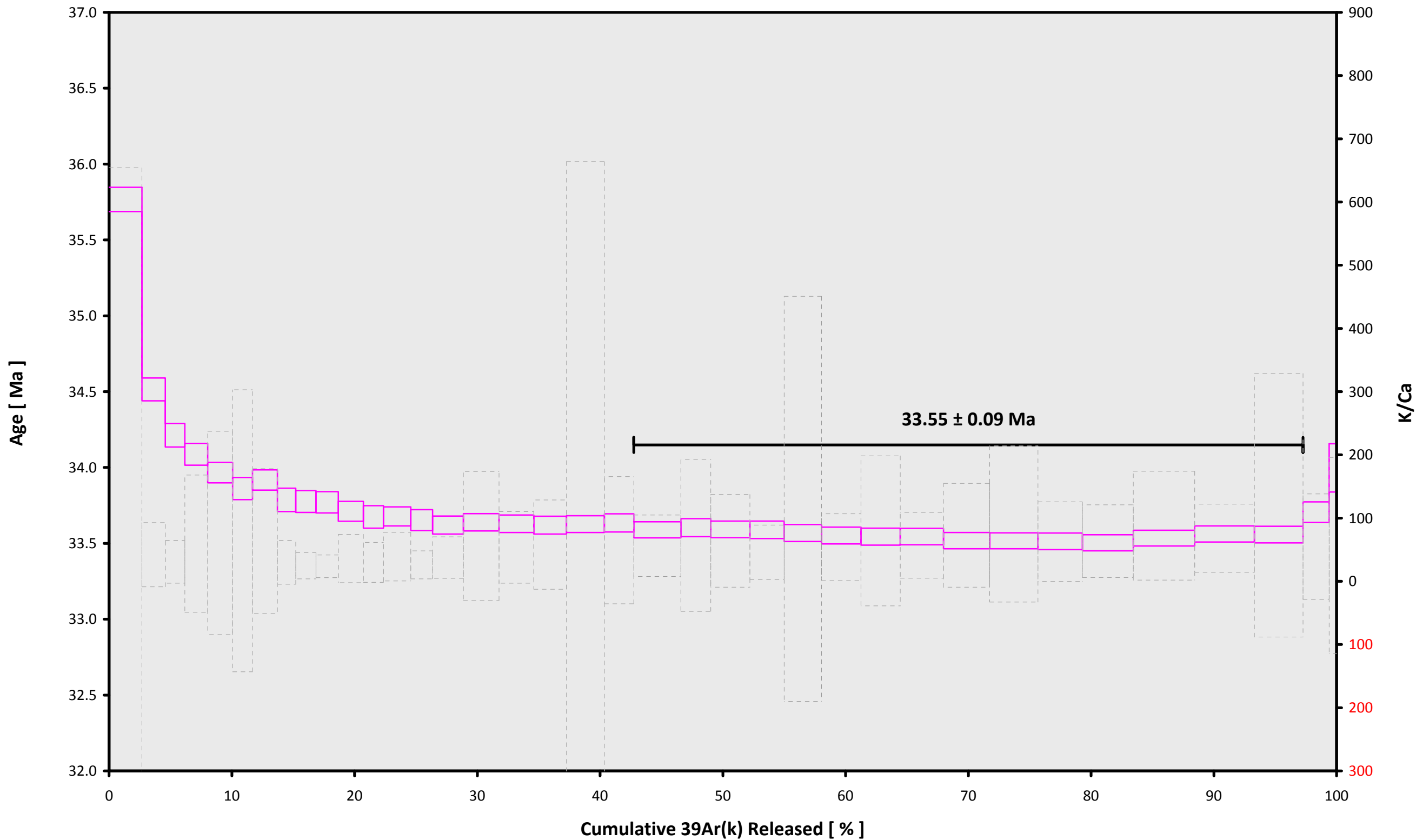
Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
16D14825	1.8 %	0.0037957 ± 0.0003325	0.0326187 ± 0.0203949	0.0406620 ± 0.0165919	0.0156500 ± 0.0189933	0.9579305 ± 0.1414859
16D14827	1.9 %	0.0039381 ± 0.0003325	0.0190413 ± 0.0203949	0.0277204 ± 0.0165919	0.0071633 ± 0.0189933	1.0186602 ± 0.1414859
16D14828	2.0 %	0.0039714 ± 0.0003325	0.0135753 ± 0.0203949	0.0231693 ± 0.0165919	0.0041001 ± 0.0189933	1.0348569 ± 0.1414859
16D14829	2.1 %	0.0039814 ± 0.0003325	0.0091182 ± 0.0203949	0.0199371 ± 0.0165919	0.0018498 ± 0.0189933	1.0423124 ± 0.1414859
16D14831	2.2 %	0.0039495 ± 0.0003325	0.0030884 ± 0.0203949	0.0168767 ± 0.0165919	0.0005449 ± 0.0189933	1.0373571 ± 0.1414859
16D14832	2.3 %	0.0039163 ± 0.0003325	0.0012220 ± 0.0203949	0.0166200 ± 0.0165919	0.0009591 ± 0.0189933	1.0282688 ± 0.1414859
16D14833	2.4 %	0.0038702 ± 0.0003325	0.0001806 ± 0.0203949	0.0170689 ± 0.0165919	0.0009790 ± 0.0189933	1.0147146 ± 0.1414859
16D14835	2.5 %	0.0037697 ± 0.0003325	0.0012276 ± 0.0203949	0.0194523 ± 0.0165919	0.0000999 ± 0.0189933	0.9839575 ± 0.1414859
16D14836	2.6 %	0.0037152 ± 0.0003325	0.0011351 ± 0.0203949	0.0212245 ± 0.0165919	0.0006680 ± 0.0189933	0.9671296 ± 0.1414859
16D14837	2.7 %	0.0036603 ± 0.0003325	0.0007003 ± 0.0203949	0.0232768 ± 0.0165919	0.0015861 ± 0.0189933	0.9502175 ± 0.1414859
16D14839	2.8 %	0.0035552 ± 0.0003325	0.0010043 ± 0.0203949	0.0279307 ± 0.0165919	0.0036861 ± 0.0189933	0.9184360 ± 0.1414859
16D14840	2.9 %	0.0035077 ± 0.0003325	0.0021843 ± 0.0203949	0.0303999 ± 0.0165919	0.0047830 ± 0.0189933	0.9045681 ± 0.1414859
16D14841	3.0 %	0.0034649 ± 0.0003325	0.0035265 ± 0.0203949	0.0328840 ± 0.0165919	0.0058600 ± 0.0189933	0.8926193 ± 0.1414859
16D14843	3.2 %	0.0033973 ± 0.0003325	0.0065437 ± 0.0203949	0.0376876 ± 0.0165919	0.0078210 ± 0.0189933	0.8758392 ± 0.1414859
16D14844	3.4 %	0.0033738 ± 0.0003325	0.0081472 ± 0.0203949	0.0399153 ± 0.0165919	0.0086463 ± 0.0189933	0.8715421 ± 0.1414859
16D14845	3.6 %	0.0033580 ± 0.0003325	0.0097702 ± 0.0203949	0.0419742 ± 0.0165919	0.0093347 ± 0.0189933	0.8702324 ± 0.1414859
16D14847	3.8 %	0.0033504 ± 0.0003325	0.0129576 ± 0.0203949	0.0454578 ± 0.0165919	0.0102200 ± 0.0189933	0.8770012 ± 0.1414859
16D14848	4.0 %	0.0033587 ± 0.0003325	0.0144690 ± 0.0203949	0.0468314 ± 0.0165919	0.0103849 ± 0.0189933	0.8851465 ± 0.1414859
16D14849	4.3 %	0.0033750 ± 0.0003325	0.0158943 ± 0.0203949	0.0479338 ± 0.0165919	0.0103487 ± 0.0189933	0.8964128 ± 0.1414859
16D14851	4.6 %	0.0034301 ± 0.0003325	0.0184062 ± 0.0203949	0.0492790 ± 0.0165919	0.0096454 ± 0.0189933	0.9277997 ± 0.1414859
16D14852	4.9 %	0.0034679 ± 0.0003325	0.0194584 ± 0.0203949	0.0495113 ± 0.0165919	0.0089726 ± 0.0189933	0.9475198 ± 0.1414859
16D14853	5.2 %	0.0035115 ± 0.0003325	0.0203559 ± 0.0203949	0.0494516 ± 0.0165919	0.0080876 ± 0.0189933	0.9695597 ± 0.1414859
16D14855	5.5 %	0.0036126 ± 0.0003325	0.0216433 ± 0.0203949	0.0484911 ± 0.0165919	0.0057060 ± 0.0189933	1.0191557 ± 0.1414859
16D14856	5.8 %	0.0036678 ± 0.0003325	0.0220175 ± 0.0203949	0.0476207 ± 0.0165919	0.0042302 ± 0.0189933	1.0458437 ± 0.1414859
16D14857	6.2 %	0.0037243 ± 0.0003325	0.0222053 ± 0.0203949	0.0465188 ± 0.0165919	0.0025839 ± 0.0189933	1.0731158 ± 0.1414859
16D14859	6.6 %	0.0038404 ± 0.0003325	0.0219870 ± 0.0203949	0.0435812 ± 0.0165919	0.0013411 ± 0.0189933	1.1296363 ± 0.1414859
16D14860	7.0 %	0.0038907 ± 0.0003325	0.0215944 ± 0.0203949	0.0419612 ± 0.0165919	0.0033825 ± 0.0189933	1.1547728 ± 0.1414859
16D14861	7.6 %	0.0039351 ± 0.0003325	0.0210216 ± 0.0203949	0.0402562 ± 0.0165919	0.0054967 ± 0.0189933	1.1777438 ± 0.1414859
16D14863	8.3 %	0.0039976 ± 0.0003325	0.0193676 ± 0.0203949	0.0367912 ± 0.0165919	0.0098113 ± 0.0189933	1.2138528 ± 0.1414859
16D14864	9.0 %	0.0040108 ± 0.0003325	0.0183082 ± 0.0203949	0.0351438 ± 0.0165919	0.0119371 ± 0.0189933	1.2251763 ± 0.1414859
16D14865	9.8 %	0.0040087 ± 0.0003325	0.0171123 ± 0.0203949	0.0336368 ± 0.0165919	0.0139869 ± 0.0189933	1.2307055 ± 0.1414859
16D14867	11.0 %	0.0039472 ± 0.0003325	0.0143799 ± 0.0203949	0.0313253 ± 0.0165919	0.0176729 ± 0.0189933	1.2201095 ± 0.1414859
16D14868	13.0 %	0.0038818 ± 0.0003325	0.0128837 ± 0.0203949	0.0306741 ± 0.0165919	0.0192082 ± 0.0189933	1.2017024 ± 0.1414859
16D14869	15.5 %	0.0037891 ± 0.0003325	0.0113316 ± 0.0203949	0.0304700 ± 0.0165919	0.0204655 ± 0.0189933	1.1729373 ± 0.1414859
16D14871	18.5 %	0.0035080 ± 0.0003325	0.0081661 ± 0.0203949	0.0317661 ± 0.0165919	0.0219081 ± 0.0189933	1.0791270 ± 0.1414859
16D14872	21.5 %	0.0033124 ± 0.0003325	0.0066115 ± 0.0203949	0.0334603 ± 0.0165919	0.0219660 ± 0.0189933	1.0113325 ± 0.1414859
16D14874	23.0 %	0.0027920 ± 0.0003325	0.0037232 ± 0.0203949	0.0394644 ± 0.0165919	0.0204117 ± 0.0189933	0.8266535 ± 0.1414859

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)
16D14825	1.8 %	0.5022021 ± 0.0010206	0.8786	EXP 150 of 150	0.0491767 ± 0.0179609	0.0000	EXP 150 of 150	0.7907520 ± 0.0149610	0.0537	EXP 150 of 150	62.361160 ± 0.019313	0.9979	EXP 150 of 150	889.69445 ± 0.04988	0.9998	EXP 150 of 150
16D14827	1.9 %	0.1627364 ± 0.0006883	0.2131	EXP 150 of 150	0.0617824 ± 0.0157749	0.0007	EXP 150 of 150	0.5205463 ± 0.0172496	0.0347	EXP 150 of 150	44.279600 ± 0.017375	0.9966	EXP 150 of 150	553.70145 ± 0.03814	0.9997	EXP 150 of 150
16D14828	2.0 %	0.0946877 ± 0.0004847	0.2412	EXP 150 of 150	0.0623120 ± 0.0172899	0.0003	EXP 150 of 150	0.4327496 ± 0.0159051	0.0523	EXP 150 of 150	37.237471 ± 0.017765	0.9949	EXP 150 of 150	448.90487 ± 0.03425	0.9996	EXP 150 of 150
16D14829	2.1 %	0.0891099 ± 0.0004930	0.2556	EXP 150 of 150	0.0386634 ± 0.0176156	0.0020	EXP 150 of 150	0.4782473 ± 0.0164755	0.0211	EXP 150 of 150	43.382679 ± 0.019159	0.9957	EXP 150 of 150	514.71010 ± 0.03379	0.9997	EXP 150 of 150
16D14831	2.2 %	0.0716370 ± 0.0004409	0.5708	EXP 150 of 150	0.0281576 ± 0.0166716	0.0230	EXP 150 of 150	0.5409724 ± 0.0149966	0.0308	EXP 149 of 150	47.368567 ± 0.019331	0.9964	EXP 150 of 150	552.21584 ± 0.04025	0.9996	EXP 150 of 150
16D14832	2.3 %	0.0396835 ± 0.0003300	0.7516	EXP 150 of 150	0.0203735 ± 0.0172346	0.0108	EXP 150 of 150	0.4159738 ± 0.0159461	0.0241	EXP 150 of 150	37.824509 ± 0.016471	0.9958	EXP 150 of 150	434.22231 ± 0.03073	0.9996	EXP 150 of 150
16D14833	2.4 %	0.0482008 ± 0.0003729	0.7862	EXP 150 of 150	0.0299949 ± 0.0179317	0.0249	EXP 150 of 150	0.5087728 ± 0.0157408	0.0073	EXP 150 of 150	47.380240 ± 0.019122	0.9963	EXP 150 of 150	544.39449 ± 0.03437	0.9997	EXP 150 of 150
16D14835	2.5 %	0.0239778 ± 0.0002661	0.8846	EXP 150 of 150	0.0455253 ± 0.0177712	0.0087	EXP 150 of 150	0.3527975 ± 0.0153122	0.0071	EXP 150 of 150	34.699194 ± 0.017934	0.9940	EXP 150 of 150	393.64162 ± 0.03418	0.9994	EXP 150 of 150
16D14836	2.6 %	0.0239922 ± 0.0002776	0.8864	EXP 150 of 150	0.0617948 ± 0.0170129	0.0008	EXP 150 of 150	0.4032170 ± 0.0173617	0.0244	EXP 150 of 150	38.387093 ± 0.017018	0.9955	EXP 150 of 150	434.57272 ± 0.03081	0.9996	EXP 150 of 150
16D14837	2.7 %	0.0233709 ± 0.0003336	0.8525	EXP 150 of 150	0.0719233 ± 0.0185556	0.0009	EXP 150 of 150	0.4610410 ± 0.0174044	0.0347	EXP 150 of 150	42.536856 ± 0.019056	0.9955	EXP 150 of 150	480.52199 ± 0.03904	0.9995	EXP 150 of 150
16D14839	2.8 %	0.0222307 ± 0.0002770	0.9040	EXP 150 of 150	0.0546638 ± 0.0199510	0.0018	EXP 150 of 150	0.5163682 ± 0.0166054	0.0245	EXP 150 of 150	47.615479 ± 0.018996	0.9965	EXP 150 of 150	535.81877 ± 0.04263	0.9996	EXP 150 of 150
16D14840	2.9 %	0.0171632 ± 0.0002751	0.8952	EXP 149 of 150	0.0535415 ± 0.0179824	0.0005	EXP 150 of 150	0.3862674 ± 0.0172285	0.0028	EXP 150 of 150	38.014239 ± 0.019568	0.9941	EXP 150 of 150	427.10347 ± 0.03248	0.9995	EXP 150 of 150
16D14841	3.0 %	0.0202921 ± 0.0002765	0.9267	EXP 150 of 150	0.0573806 ± 0.0169192	0.0001	EXP 150 of 150	0.5918700 ± 0.0153670	0.0737	EXP 150 of 150	52.035772 ± 0.020380	0.9966	EXP 150 of 150	583.79024 ± 0.03768	0.9997	EXP 150 of 150
16D14843	3.2 %	0.0131939 ± 0.0002624	0.9105	EXP 150 of 150	0.0709808 ± 0.0185082	0.0061	EXP 150 of 150	0.4498341 ± 0.0173781	0.0190	EXP 150 of 150	41.300571 ± 0.018223	0.9957	EXP 150 of 150	462.10843 ± 0.03840	0.9995	EXP 150 of 150
16D14844	3.4 %	0.0196817 ± 0.0002926	0.9207	EXP 150 of 150	0.0714616 ± 0.0189430	0.0000	EXP 150 of 150	0.6514191 ± 0.0159768	0.0238	EXP 150 of 150	58.596989 ± 0.018384	0.9979	EXP 150 of 150	655.36837 ± 0.03959	0.9998	EXP 150 of 150
16D14845	3.6 %	0.0166684 ± 0.0002285	0.9632	EXP 150 of 150	0.0480018 ± 0.0180266	0.0070	EXP 150 of 150	0.7805443 ± 0.0180878	0.0573	EXP 150 of 150	67.750504 ± 0.020528	0.9980	EXP 150 of 150	756.34669 ± 0.04109	0.9998	EXP 150 of 150
16D14847	3.8 %	0.0141553 ± 0.0002438	0.9530	EXP 150 of 150	0.0628152 ± 0.0167247	0.0009	EXP 150 of 150	0.7716628 ± 0.0153949	0.1228	EXP 150 of 150	66.130822 ± 0.020385	0.9979	EXP 150 of 150	737.39783 ± 0.04260	0.9998	EXP 150 of 150
16D14848	4.0 %	0.0112375 ± 0.0002515	0.9542	EXP 150 of 150	0.0577122 ± 0.0166056	0.0000	EXP 150 of 150	0.6765246 ± 0.0166021	0.0276	EXP 150 of 150	62.114651 ± 0.020385	0.9977	EXP 150 of 150	691.80410 ± 0.04454	0.9997	EXP 150 of 150
16D14849	4.3 %	0.0103902 ± 0.0002708	0.9525	EXP 150 of 150	0.0336015 ± 0.0177481	0.0191	EXP 150 of 150	0.8096606 ± 0.0152126	0.1141	EXP 150 of 150	71.753877 ± 0.017727	0.9987	EXP 150 of 150	798.58212 ± 0.04565	0.9998	EXP 150 of 150
16D14851	4.6 %	0.0083926 ± 0.0002350	0.9548	EXP 150 of 150	0.0531174 ± 0.0175099	0.0011	EXP 150 of 150	0.6117795 ± 0.0161678	0.0381	EXP 150 of 150	55.849896 ± 0.018051	0.9977	EXP 150 of 150	621.79829 ± 0.03854	0.9998	EXP 150 of 150
16D14852	4.9 %	0.0111659 ± 0.0002814	0.9613	EXP 150 of 150	0.0837674 ± 0.0187477	0.0021	EXP 150 of 150	1.0537046 ± 0.0148898	0.2027	EXP 150 of 150	89.521038 ± 0.020843	0.9988	EXP 150 of 150	994.60230 ± 0.05087	0.9999	EXP 150 of 150
16D14853	5.2 %	0.0076849 ± 0.0002236	0.9608	EXP 150 of 150	0.0518984 ± 0.0163163	0.0217	EXP 150 of 150	0.6324339 ± 0.0166361	0.0229	EXP 150 of 150	56.753703 ± 0.018731	0.9976	EXP 150 of 150	631.01103 ± 0.04075	0.9997	EXP 150 of 150
16D14855	5.5 %	0.0079301 ± 0.0002355	0.9665	EXP 150 of 150	0.0685327 ± 0.0174969	0.0001	EXP 150 of 150	0.8520416 ± 0.0164734	0.0844	EXP 150 of 150	74.288704 ± 0.019037	0.9986	EXP 150 of 150	825.03416 ± 0.04863	0.9998	EXP 150 of 150
16D14856	5.8 %	0.0083098 ± 0.0002078	0.9698	EXP 150 of 150	0.0793785 ± 0.0175938	0.0092	EXP 150 of 150	0.7636517 ± 0.0173507	0.1463	EXP 150 of 150	65.146758 ± 0.020160	0.9979	EXP 150 of 150	723.83585 ± 0.03945	0.9998	EXP 150 of 150
16D14857	6.2 %	0.0092877 ± 0.0002367	0.9661	EXP 150 of 150	0.0441512 ± 0.0176324	0.0079	EXP 150 of 150	0.8217003 ± 0.0174148	0.1060	EXP 150 of 150	70.893937 ± 0.019505	0.9983	EXP 150 of 150	787.29646 ± 0.04574	0.9998	EXP 150 of 150
16D14859	6.6 %	0.0099909 ± 0.0002361	0.9655	EXP 150 of 150	0.0781553 ± 0.0184143	0.0043	EXP 150 of 150	0.8318722 ± 0.0169147	0.0839	EXP 150 of 150	75.060427 ± 0.020650	0.9984	EXP 150 of 150	833.15005 ± 0.04736	0.9998	EXP 150 of 150
16D14860	7.0 %	0.0115955 ± 0.0002630	0.9590	EXP 149 of 150	0.0592061 ± 0.0191351	0.0046	EXP 150 of 150	0.8421298 ± 0.0186274	0.0678	EXP 150 of 150	74.337851 ± 0.022743	0.9980	EXP 150 of 150	825.47040 ± 0.04829	0.9998	EXP 150 of 150
16D14861	7.6 %	0.0153432 ± 0.0002461	0.9675	EXP 150 of 150	0.0795131 ± 0.0172843	0.0013	EXP 150 of 150	0.9569199 ± 0.0163430	0.1377	EXP 150 of 150	82.463697 ± 0.023379	0.9983	EXP 150 of 150	916.46369 ± 0.04906	0.9998	EXP 150 of 150
16D14863	8.3 %	0.0324021 ± 0.0003108	0.9399	EXP 150 of 150	0.0678927 ± 0.0183030	0.0006	EXP 149 of 150	0.9806186 ± 0.0158266	0.0713	EXP 150 of 150	87.485087 ± 0.021708	0.9987	EXP 150 of 150	976.42349 ± 0.04925	0.9999	EXP 150 of 150
16D14864	9.0 %	0.0426393 ± 0.0003750	0.9136	EXP 149 of 150	0.0592004 ± 0.0190153	0.0016	EXP 150 of 150	1.0336099 ± 0.0159463	0.0612	EXP 150 of 150	91.762871 ± 0.021740	0.9988	EXP 150 of 150	1026.78069 ± 0.05144	0.9999	EXP 150 of 150
16D14865	9.8 %	0.0591742 ± 0.0003808	0.8850	EXP 150 of 150	0.0715072 ± 0.0182547	0.0038	EXP 150 of 150	0.9734006 ± 0.0167087	0.0885	EXP 150 of 150	84.517222 ± 0.023733	0.9983	EXP 150 of 150	951.67784 ± 0.04920	0.9998	EXP 150 of 150
16D14867	11.0 %	0.0874925 ± 0.0005585	0.7091	EXP 150 of 150	0.0758529 ± 0.0188718	0.0000	EXP 150 of 150	1.1088458 ± 0.0179512	0.0867	EXP 150 of 150	96.823491 ± 0.022091	0.9989	EXP 150 of 150	1095.94811 ± 0.05687	0.9998	EXP 150 of 150
16D14868	13.0 %	0.1555626 ± 0.0006431	0.5050	EXP 150 of 150	0.0662117 ± 0.0162376	0.0037	EXP 150 of 150	1.3789447 ± 0.0161605	0.2092	EXP 149 of 150	116.431525 ± 0.021409	0.9993	EXP 150 of 150	1334.59683 ± 0.05800	0.9999	EXP 150 of 150
16D14869	15.5 %	0.1907665 ± 0.0006912	0.1915	EXP 150 of 150	0.0785560 ± 0.0171012	0.0004	EXP 150 of 150	1.3537156 ± 0.0166595	0.1674	EXP 150 of 150	113.525978 ± 0.021797	0.9992	EXP 150 of 150	1314.26447 ± 0.05892	0.9999	EXP 150 of 150
16D14871	18.5 %	0.1836190 ± 0.0006401	0.0200	EXP 150 of 150	0.0390668 ± 0.0173105	0.0247	EXP 150 of 150	1.0618964 ± 0.0150897	0.0317	EXP 149 of 150	92.342699 ± 0.020004	0.9990	EXP 150 of 150	1077.59474 ± 0.04693	0.9999	EXP 150 of 150
16D14872	21.5 %	0.1394776 ± 0.0005950	0.0007	EXP 150 of 150	0.0430165 ± 0.0187831	0.0001	EXP 150 of 150	0.5709467 ± 0.0178618	0.0223	EXP 150 of 150	49.495065 ± 0.017795	0.9971	EXP 150 of 150	592.47425 ± 0.04160	0.9996	EXP 150 of 150
16D14874	23.0 %	0.0729528 ± 0.0004019	0.0700	EXP 150 of 150	0.0177147 ± 0.0166869	0.0002	EXP 150 of 150	0.1148244 ± 0.0162576	0.0218	EXP 150 of 150	14.305171 ± 0.016437	0.9650	EXP 150 of 150	182.44604 ± 0.02710	0.9909	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
16D14825	1.8 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14827	1.9 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14828	2.0 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14829	2.1 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14831	2.2 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14832	2.3 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14833	2.4 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14835	2.5 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14836	2.6 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14837	2.7 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14839	2.8 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14840	2.9 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14841	3.0 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14843	3.2 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14844	3.4 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14845	3.6 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14847	3.8 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14848	4.0 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14849	4.3 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14851	4.6 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14852	4.9 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14853	5.2 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14855	5.5 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14856	5.8 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14857	6.2 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14859	6.6 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14860	7.0 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14861	7.6 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14863	8.3 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14864	9.0 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14865	9.8 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14867	11.0 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14868	13.0 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14869	15.5 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14871	18.5 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14872	21.5 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01
16D14874	23.0 %	Susan Schnur	15-OSU-07	0.00	0.00	25.80	Walvis Ridge\MV1203 (13-INT-04)	16D14821	01

Irradiation Constants		40/36(a)		40/36(c)		38/36(a)		38/36(c)		39/37(ca)		38/37(ca)		36/37(ca)		40/39(k)		38/39(k)		36/38(cl)		K/Ca		K/Cl		Ca/Cl	
		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ	
16D14825	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
16D14827	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
16D14828	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
16D14829	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
16D14831	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
16D14832	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
16D14833	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
16D14835	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
16D14836	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
16D14837	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
16D14839	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
16D14840	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
16D14841	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
16D14843	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
16D14844	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
16D14845	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
16D14847	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
16D14848	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
16D14849	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
16D14851	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
16D14852	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
16D14853	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
16D14855	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
16D14856	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
16D14857	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
16D14859	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
16D14860	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
16D14861	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
16D14863	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
16D14864	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
16D14865	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
16D14867	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
16D14868	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
16D14869	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
16D14871	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
16D14872	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
16D14874	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

16D14821.AGE >>> MV1203-D27-08 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

33.55 ± 0.09

TOTAL FUSION

33.71 ± 0.09

NORMAL ISOCHRON

33.59 ± 0.10

INVERSE ISOCHRON

33.56 ± 0.10

MSWD (PROBABILITY)

1.33 (18%)

Sample Info

Groundmass

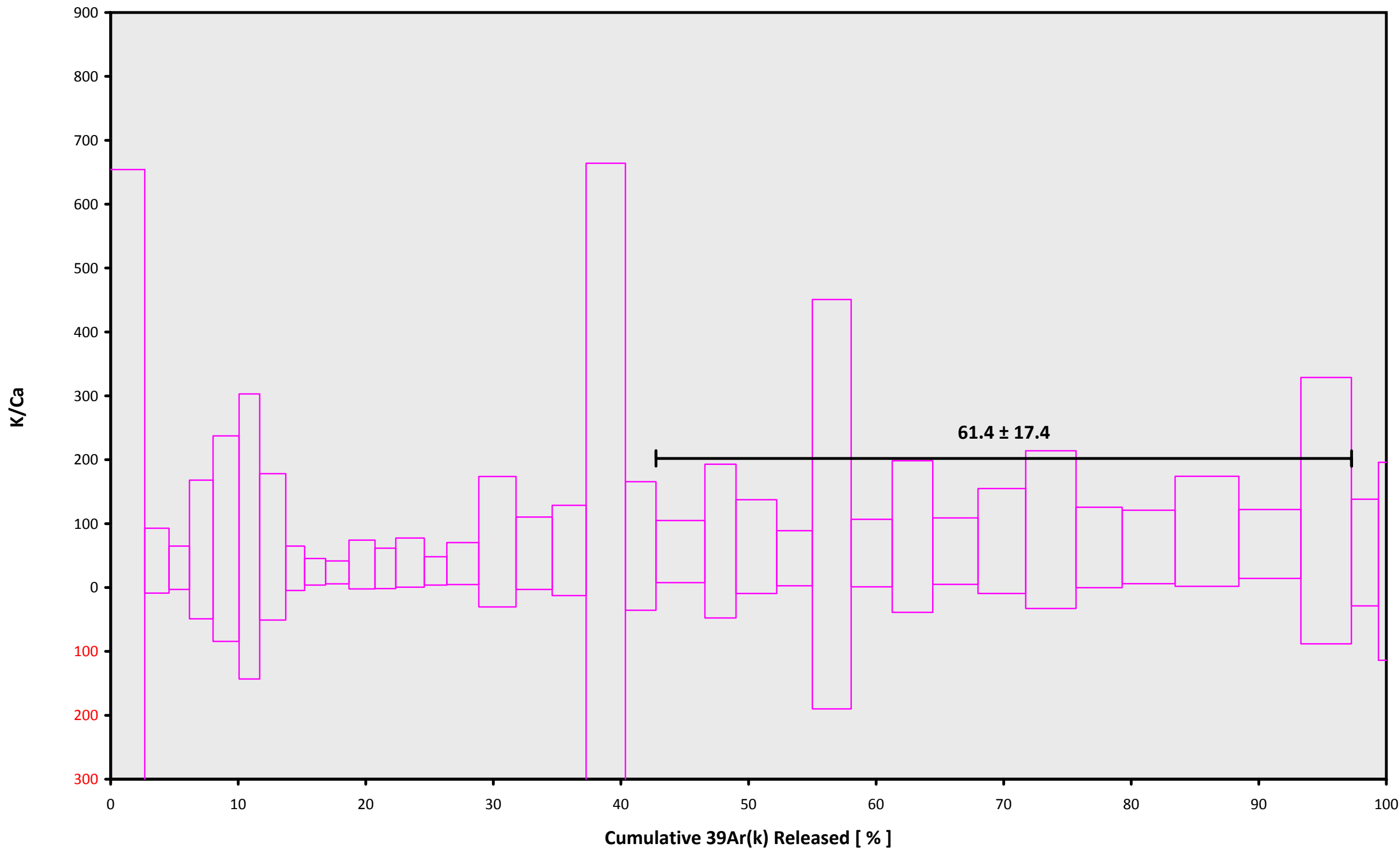
Right Guyot

Susan Schnur

IRR = 15-OSU-07 (7B15-15)

J = $0.00170764 \pm 0.00000239$

16D14821.AGE >>> MV1203-D27-08 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

33.55 $\pm$ 0.09

TOTAL FUSION

33.71 $\pm$ 0.09

NORMAL ISOCHRON

33.59 $\pm$ 0.10

INVERSE ISOCHRON

33.56 $\pm$ 0.10

Sample Info

Groundmass

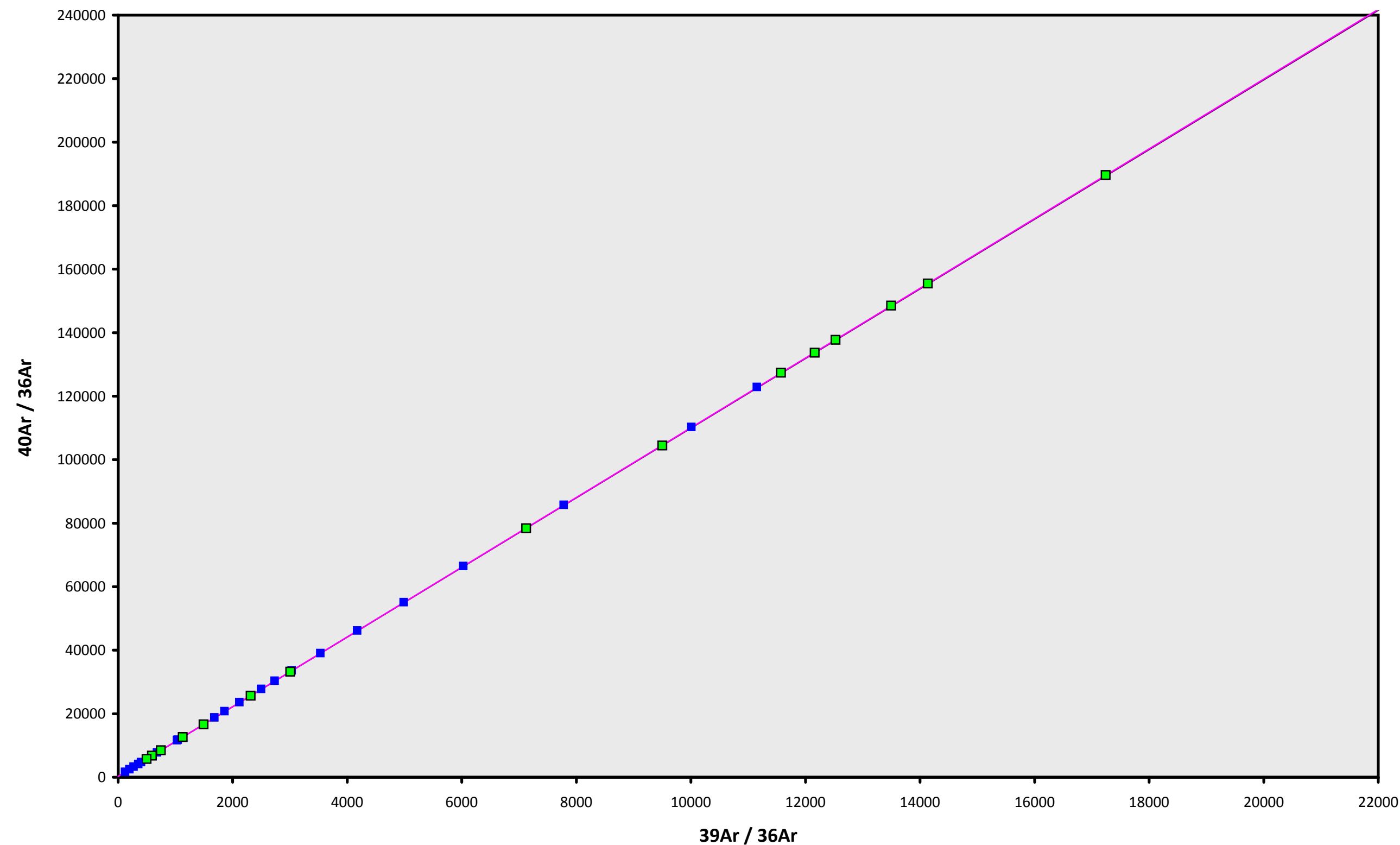
Right Guyot

Susan Schnur

IRR = 15-OSU-07 (7B15-15)

J = 0.00170764 $\pm$ 0.00000239

16D14821.AGE >>> MV1203-D27-08 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

33.55 ± 0.09

TOTAL FUSION

33.71 ± 0.09

NORMAL ISOCHRON

33.59 ± 0.10

INVERSE ISOCHRON

33.56 ± 0.10

MSWD (PROBABILITY)

2.21 (1%)

40AR/36AR INTERCEPT

283.1 ± 10.8

Sample Info

Groundmass

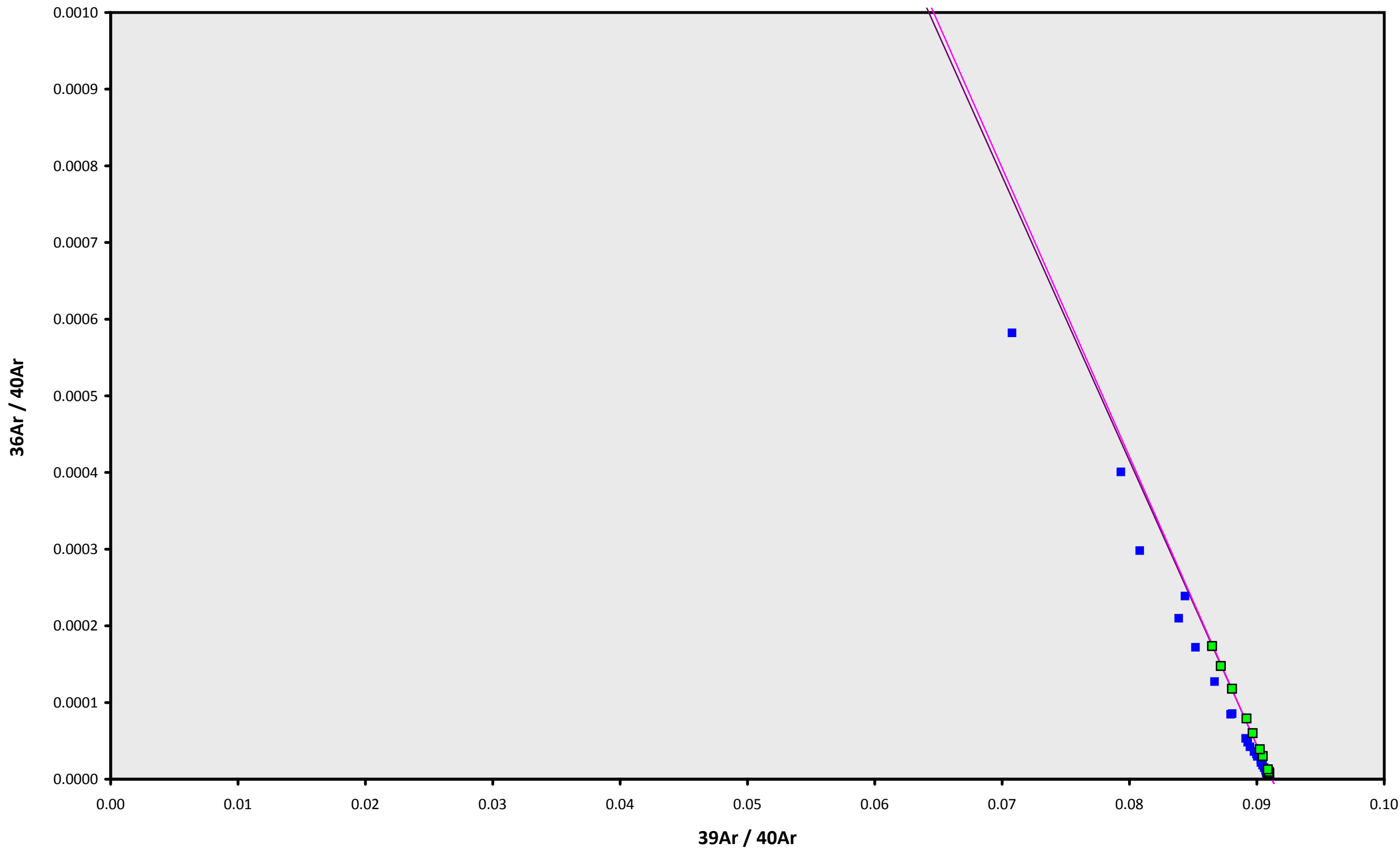
Right Guyot

Susan Schnur

IRR = 15-OSU-07 (7B15-15)

$J = 0.00170764 \pm 0.00000239$

16D14821.AGE >>> MV1203-D27-08 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

33.55 ± 0.09

TOTAL FUSION

33.71 ± 0.09

NORMAL ISOCHRON

33.59 ± 0.10

INVERSE ISOCHRON

33.56 ± 0.10

MSWD (PROBABILITY)

1.33 (19%)

SPREADING FACTOR

4.9%

40AR/36AR INTERCEPT

291.3 ± 8.4

Sample Info

Groundmass

Right Guyot

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