OSU Argon Geochronology Lab
CEOAS Oregon State University, Corvallis, USA

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
16D14717	1.8 %	0.7655690	0.336	73.4170	0.540	1.108173	2.125	77.7913	0.078	819.109	0.007	7.69683 ± 0.02305	23.25 ± 0.07	73.05	4.51	0.455 ± 0.005
16D14719	1.9 %	0.4294795	0.376	63.7748	0.579	0.836743	3.033	64.0801	0.079	608.419	0.009	7.59375 ± 0.01927	22.94 ± 0.06	79.93	3.71	0.432 ± 0.005
16D14720	2.0 %	0.2541179	0.445	50.4762	0.675	0.632346	3.848	48.7964	0.085	441.202	0.012	7.58569 ± 0.01898	22.92 ± 0.06	83.84	2.83	0.415 ± 0.006
16D14721	2.1 %	0.2103792	0.478	50.0217	0.671	0.635711	3.636	46.6737	0.088	411.077	0.013	7.56155 ± 0.01856	22.84 ± 0.06	85.79	2.70	0.401 ± 0.005
16D14723	2.2 %	0.1890938	0.494	54.1976	0.643	0.648346	3.555	48.2804	0.085	417.542	0.013	7.58123 ± 0.01748	22.90 ± 0.05	87.60	2.80	0.383 ± 0.005
16D14724	2.3 %	0.1050388	0.623	34.3603	0.878	0.369138	6.585	29.9732	0.104	255.090	0.019	7.56731 ± 0.02066	22.86 ± 0.06	88.85	1.74	0.375 ± 0.007
16D14725	2.4 %	0.1257880	0.570	45.9881	0.706	0.518442	4.763	39.3215	0.095	332.575	0.014	7.60680 ± 0.01821	22.98 ± 0.05	89.87	2.28	0.367 ± 0.005
16D14727	2.5 %	0.0827784	0.690	32.8674	0.923	0.340897	7.070	26.8725	0.110	226.202	0.020	7.60607 ± 0.02130	22.98 ± 0.06	90.28	1.56	0.351 ± 0.007
16D14728	2.6 %	0.1165044	0.582	49.8523	0.661	0.569859	4.109	40.5890	0.091	339.671	0.015	7.61959 ± 0.01729	23.02 ± 0.05	90.97	2.35	0.350 ± 0.005
16D14729	2.7 %	0.0988653	0.641	47.6659	0.708	0.504432	4.709	37.5807	0.097	311.690	0.016	7.61908 ± 0.01815	23.02 ± 0.05	91.78	2.18	0.339 ± 0.005
16D14731	2.8 %	0.0998182	0.694	52.3922	0.660	0.532605	4.637	39.8921	0.092	330.521	0.016	7.65233 ± 0.01772	23.12 ± 0.05	92.28	2.31	0.327 ± 0.004
16D14732	2.9 %	0.0773548	0.681	43.2675	0.757	0.407732	5.876	32.5198	0.102	267.718	0.019	7.63729 ± 0.01869	23.07 ± 0.06	92.69	1.88	0.323 ± 0.005
16D14733	3.0 %	0.0732136	0.730	44.8210	0.748	0.434386	5.341	32.3153	0.100	265.826	0.018	7.66910 ± 0.01859	23.17 ± 0.06	93.14	1.87	0.310 ± 0.005
16D14735	3.2 %	0.0702572	0.787	45.0089	0.731	0.406955	5.694	31.7628	0.102	260.804	0.018	7.67242 ± 0.01909	23.18 ± 0.06	93.35	1.84	0.303 ± 0.004
16D14736	3.4 %	0.1002652	0.641	67.3814	0.581	0.632677	3.789	46.7648	0.088	386.484	0.013	7.74802 ± 0.01604	23.40 ± 0.05	93.66	2.71	0.298 ± 0.004
16D14737	3.6 %	0.0695667	0.810	49.3559	0.658	0.424906	5.445	33.4305	0.101	275.519	0.018	7.74675 ± 0.01885	23.40 ± 0.06	93.90	1.94	0.291 ± 0.004
16D14739	3.8 %	0.0733272	0.788	55.0194	0.644	0.500898	4.872	36.7679	0.096	302.399	0.017	7.75707 ± 0.01784	23.43 ± 0.05	94.22	2.13	0.287 ± 0.004
16D14740	4.0 %	0.1152721	0.598	91.6288	0.512	0.805325	2.888	60.6023	0.081	500.296	0.011	7.81652 ± 0.01452	23.61 ± 0.04	94.59	3.51	0.284 ± 0.003
16D14741	4.3 %	0.1062653	0.625	87.0109	0.509	0.789056	3.042	56.6270	0.082	467.998	0.011	7.83536 ± 0.01481	23.67 ± 0.04	94.71	3.28	0.280 ± 0.003
16D14743	4.6 %	0.0871225	0.680	77.4618	0.524	0.689134	3.522	49.3114	0.087	406.515	0.013	7.84996 ± 0.01562	23.71 ± 0.05	95.12	2.86	0.273 ± 0.003
16D14744	4.9 %	0.1207249	0.562	102.5990	0.473	0.883194	2.676	66.5115	0.078	553.701	0.010	7.91441 ± 0.01397	23.90 ± 0.04	94.97	3.85	0.278 ± 0.003
16D14745	5.2 %	0.0689238	0.780	65.8230	0.565	0.587359	3.870	41.9990	0.090	346.030	0.014	7.88201 ± 0.01629	23.81 ± 0.05	95.57	2.43	0.274 ± 0.003
16D14747	5.5 %	0.1014043	0.644	85.1636	0.512	0.772780	3.144	57.2681	0.082	479.313	0.011	7.96766 ± 0.01485	24.06 ± 0.04	95.10	3.32	0.289 ± 0.003
16D14748	5.8 %	0.0709964	0.808	64.1915	0.600	0.619423	4.025	43.5589	0.089	361.992	0.014	7.94893 ± 0.01638	24.01 ± 0.05	95.56	2.52	0.291 ± 0.004
16D14749	6.2 %	0.0786754	0.706	62.7936	0.579	0.621041	3.710	44.6675	0.088	373.567	0.013	7.95725 ± 0.01600	24.03 ± 0.05	95.05	2.59	0.306 ± 0.004
16D14751	6.6 %	0.0856254	0.684	63.6745	0.592	0.681795	3.549	47.3936	0.086	397.680	0.013	7.96639 ± 0.01575	24.06 ± 0.05	94.85	2.75	0.320 ± 0.004
16D14752	7.0 %	0.0809407	0.697	58.9526	0.617	0.645915	3.757	45.8114	0.088	382.519	0.013	7.93222 ± 0.01596	23.96 ± 0.05	94.92	2.65	0.334 ± 0.004
16D14753	7.6 %	0.0910801	0.690	63.0832	0.570	0.742964	3.222	50.6749	0.084	420.641	0.012	7.87054 ± 0.01533	23.77 ± 0.05	94.74	2.94	0.345 ± 0.004
16D14755	8.3 %	0.0971671	0.676	63.7525	0.592	0.767343	3.123	52.2329	0.083	428.623	0.012	7.75504 ± 0.01500	23.43 ± 0.05	94.43	3.03	0.352 ± 0.004
16D14756	9.0 %	0.0931323	0.671	61.9957	0.583	0.794099	3.077	51.1446	0.085	412.771	0.012	7.63055 ± 0.01500	23.05 ± 0.05	94.47	2.96	0.354 ± 0.004
16D14757	9.8 %	0.0921140	0.647	57.4419	0.609	0.774850	3.054	47.8488	0.085	384.275	0.013	7.55916 ± 0.01507	22.84 ± 0.05	94.05	2.77	0.358 ± 0.004
16D14759	11.0 %	0.1062249	0.596	63.7557	0.582	0.839025	2.899	52.4250	0.086	417.995	0.013	7.47267 ± 0.01485	22.58 ± 0.04	93.65	3.04	0.353 ± 0.004
16D14760	13.0 %	0.1380947	0.564	80.4388	0.513	1.026845	2.311	65.1634	0.080	518.741	0.011	7.43411 ± 0.01401	22.46 ± 0.04	93.31	3.77	0.348 ± 0.004
16D14761	15.5 %	0.1208815	0.571	75.8954	0.536	0.899952	2.673	58.2236	0.081	464.061	0.011	7.46233 ± 0.01420	22.55 ± 0.04	93.54	3.37	0.330 ± 0.004
16D14763	18.5 %	0.1016711	0.657	75.0948	0.538	0.822775	2.873	54.4986	0.082	435.846	0.012	7.55790 ± 0.01453	22.83 ± 0.04	94.42	3.16	0.312 ± 0.003
16D14764	21.5 %	0.0756304	0.742	67.0740	0.571	0.707169	3.331	47.5945	0.086	380.445	0.014	7.63840 ± 0.01504	23.08 ± 0.05	95.47	2.76	0.305 ± 0.004
16D14766	23.0 %	0.0465233	1.002	26.4009	1.149	0.296416	8.052	19.5194	0.138	158.070	0.030	7.50340 ± 0.02572	22.67 ± 0.08	92.57	1.13	0.318 ± 0.007
	Σ	4.8198874	0.103	2254.0997	0.100	24.270706	0.599	1726.4885	0.015	14542.928	0.002					

Information on Analysis and Constants Used in Calculations

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D39-01A (LIGHT)**
Material = **Groundmass**
Location = **Risso Seamount**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **15-OSU-07 (7B19-15)**
Position = **X: 0 | Y: 0 | Z/H: 32.85 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **9.34849 ± 0.01290**
FCT-NM J-value = **0.00168128 ± 0.00000232**
Air Shot 40Ar/36Ar = **304.3840 ± 0.4870**
Air Shot MDF = **0.99269387 ± 0.00069491 (LIN)**
Experiment Type = **Incremental Heating**
Extraction Method = **Bulk Laser Heating**
Heating = **77 sec**
Isolation = **3.00 min**
Instrument = **ARGUS-VI-D**
Preferred Age = **No Age**
Age Classification = Undefined
IGSN = **IESS10085**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Tephrite**
Lat-Lon = **38°15.5'S - 8°11.3'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						
Cannot Calculate						
Total Fusion Age		7.70426 ± 0.00286 ± 0.04%	**23.27 ± 0.06 ± 0.28%**		37	0.329 ± 0.001
			Full External Error ± 0.53			
			Analytical Error ± 0.01			
Normal Isochron						
Cannot Calculate						
Inverse Isochron						
Cannot Calculate						

Notes
Steps form wavy shape, low-T steps yield a very small 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
16D14717	1.8 %	0.7460127	73.4170	0.0281611	77.7417	598.365	23.25 ± 0.07	73.05	4.51	0.455 ± 0.005
16D14719	1.9 %	0.4124962	63.7748	0.0000000	64.0371	486.281	22.94 ± 0.06	79.93	3.71	0.432 ± 0.005
16D14720	2.0 %	0.2406761	50.4762	0.0000000	48.7623	369.895	22.92 ± 0.06	83.84	2.83	0.415 ± 0.006
16D14721	2.1 %	0.1970519	50.0217	0.0341658	46.6399	352.670	22.84 ± 0.06	85.79	2.70	0.401 ± 0.005
16D14723	2.2 %	0.1746549	54.1976	0.0313908	48.2438	365.747	22.90 ± 0.05	87.60	2.80	0.383 ± 0.005
16D14724	2.3 %	0.0958886	34.3603	0.0000000	29.9500	226.641	22.86 ± 0.06	88.85	1.74	0.375 ± 0.007
16D14725	2.4 %	0.1135372	45.9881	0.0212171	39.2904	298.874	22.98 ± 0.05	89.87	2.28	0.367 ± 0.005
16D14727	2.5 %	0.0740255	32.8674	0.0016660	26.8503	204.225	22.98 ± 0.06	90.28	1.56	0.351 ± 0.007
16D14728	2.6 %	0.1032174	49.8523	0.0590675	40.5553	309.015	23.02 ± 0.05	90.97	2.35	0.350 ± 0.005
16D14729	2.7 %	0.0861655	47.6659	0.0331597	37.5485	286.085	23.02 ± 0.05	91.78	2.18	0.339 ± 0.005
16D14731	2.8 %	0.0858598	52.3922	0.0332798	39.8567	304.997	23.12 ± 0.05	92.28	2.31	0.327 ± 0.004
16D14732	2.9 %	0.0658324	43.2675	0.0014270	32.4906	248.140	23.07 ± 0.06	92.69	1.88	0.323 ± 0.005
16D14733	3.0 %	0.0612717	44.8210	0.0312952	32.2850	247.597	23.17 ± 0.06	93.14	1.87	0.310 ± 0.005
16D14735	3.2 %	0.0582692	45.0089	0.0110612	31.7324	243.464	23.18 ± 0.06	93.35	1.84	0.303 ± 0.004
16D14736	3.4 %	0.0823119	67.3814	0.0503749	46.7193	361.982	23.40 ± 0.05	93.66	2.71	0.298 ± 0.004
16D14737	3.6 %	0.0564215	49.3559	0.0090162	33.3972	258.719	23.40 ± 0.06	93.90	1.94	0.291 ± 0.004
16D14739	3.8 %	0.0586671	55.0194	0.0440755	36.7307	284.922	23.43 ± 0.05	94.22	2.13	0.287 ± 0.004
16D14740	4.0 %	0.0908611	91.6288	0.0534017	60.5404	473.215	23.61 ± 0.04	94.59	3.51	0.284 ± 0.003
16D14741	4.3 %	0.0830777	87.0109	0.0867093	56.5682	443.232	23.67 ± 0.04	94.71	3.28	0.280 ± 0.003
16D14743	4.6 %	0.0664794	77.4618	0.0785110	49.2591	386.682	23.71 ± 0.05	95.12	2.86	0.273 ± 0.003
16D14744	4.9 %	0.0933915	102.5990	0.0590066	66.4422	525.850	23.90 ± 0.04	94.97	3.85	0.278 ± 0.003
16D14745	5.2 %	0.0513821	65.8230	0.0682738	41.9546	330.686	23.81 ± 0.05	95.57	2.43	0.274 ± 0.003
16D14747	5.5 %	0.0787130	85.1636	0.0636533	57.2106	455.834	24.06 ± 0.04	95.10	3.32	0.289 ± 0.003
16D14748	5.8 %	0.0538866	64.1915	0.0812067	43.5155	345.902	24.01 ± 0.05	95.56	2.52	0.291 ± 0.004
16D14749	6.2 %	0.0619404	62.7936	0.0680711	44.6251	355.093	24.03 ± 0.05	95.05	2.59	0.306 ± 0.004
16D14751	6.6 %	0.0686507	63.6745	0.0947174	47.3506	377.213	24.06 ± 0.05	94.85	2.75	0.320 ± 0.004
16D14752	7.0 %	0.0652265	58.9526	0.0788143	45.7715	363.070	23.96 ± 0.05	94.92	2.65	0.334 ± 0.004
16D14753	7.6 %	0.0742589	63.0832	0.1153987	50.6323	398.504	23.77 ± 0.05	94.74	2.94	0.345 ± 0.004
16D14755	8.3 %	0.0801668	63.7525	0.1198866	52.1899	404.734	23.43 ± 0.05	94.43	3.03	0.352 ± 0.004
16D14756	9.0 %	0.0765920	61.9957	0.1605153	51.1028	389.942	23.05 ± 0.05	94.47	2.96	0.354 ± 0.004
16D14757	9.8 %	0.0767824	57.4419	0.1811733	47.8100	361.403	22.84 ± 0.05	94.05	2.77	0.358 ± 0.004
16D14759	11.0 %	0.0892107	63.7557	0.1875676	52.3819	391.433	22.58 ± 0.04	93.65	3.04	0.353 ± 0.004
16D14760	13.0 %	0.1166323	80.4388	0.2159442	65.1090	484.028	22.46 ± 0.04	93.31	3.77	0.348 ± 0.004
16D14761	15.5 %	0.1006367	75.8954	0.1758232	58.1723	434.101	22.55 ± 0.04	93.54	3.37	0.330 ± 0.004
16D14763	18.5 %	0.0816451	75.0948	0.1470605	54.4479	411.512	22.83 ± 0.04	94.42	3.16	0.312 ± 0.003
16D14764	21.5 %	0.0577457	67.0740	0.1194957	47.5492	363.200	23.08 ± 0.05	95.47	2.76	0.305 ± 0.004
16D14766	23.0 %	0.0394826	26.4009	0.0525170	19.5016	146.328	22.67 ± 0.08	92.57	1.13	0.318 ± 0.007
	Σ	4.2191221	2254.0997	2.5971051	1724.9656	13289.583				

Information on Analysis

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D39-01A (LIGHT)**
Material = **Groundmass**
Location = **Risso Seamount**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **15-OSU-07 (7B19-15)**
J = **0.00168128 ± 0.00000232**
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					
Cannot Calculate					
Total Fusion Age	7.70426 ± 0.00286 ± 0.04%	**23.27 ± 0.06 ± 0.28%**		37	0.329 ± 0.001
		Full External Error ± 0.53			
		Analytical Error ± 0.01			

Normal Isochron		39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
16D14717	1.8 %	104.21 ± 0.74	1097.58 ± 7.58	0.9750
16D14719	1.9 %	155.24 ± 1.24	1474.37 ± 11.58	0.9800
16D14720	2.0 %	202.61 ± 1.94	1832.40 ± 17.28	0.9838
16D14721	2.1 %	236.69 ± 2.46	2085.23 ± 21.37	0.9854
16D14723	2.2 %	276.22 ± 3.01	2389.61 ± 25.72	0.9873
16D14724	2.3 %	312.34 ± 4.35	2659.08 ± 36.61	0.9884
16D14725	2.4 %	346.06 ± 4.45	2927.89 ± 37.28	0.9889
16D14727	2.5 %	362.72 ± 5.71	3054.35 ± 47.60	0.9898
16D14728	2.6 %	392.91 ± 5.25	3289.33 ± 43.58	0.9904
16D14729	2.7 %	435.77 ± 6.54	3615.68 ± 53.78	0.9913
16D14731	2.8 %	464.21 ± 7.61	3847.77 ± 62.71	0.9935
16D14732	2.9 %	493.53 ± 8.08	4064.77 ± 66.02	0.9919
16D14733	3.0 %	526.92 ± 9.39	4336.47 ± 76.81	0.9934
16D14735	3.2 %	544.58 ± 10.53	4473.76 ± 86.07	0.9942
16D14736	3.4 %	567.59 ± 9.04	4693.19 ± 74.29	0.9938
16D14737	3.6 %	591.92 ± 12.03	4880.97 ± 98.73	0.9949
16D14739	3.8 %	626.09 ± 12.57	5152.09 ± 102.95	0.9953
16D14740	4.0 %	666.30 ± 10.34	5503.62 ± 84.95	0.9944
16D14741	4.3 %	680.91 ± 11.13	5630.66 ± 91.56	0.9948
16D14743	4.6 %	740.97 ± 13.50	6112.07 ± 110.86	0.9953
16D14744	4.9 %	711.44 ± 10.61	5926.10 ± 87.86	0.9943
16D14745	5.2 %	816.52 ± 17.46	6731.33 ± 143.45	0.9964
16D14747	5.5 %	726.82 ± 12.33	6086.59 ± 102.79	0.9953
16D14748	5.8 %	807.54 ± 17.54	6714.57 ± 145.33	0.9966
16D14749	6.2 %	720.45 ± 13.20	6028.32 ± 109.92	0.9953
16D14751	6.6 %	689.73 ± 12.01	5790.17 ± 100.38	0.9950
16D14752	7.0 %	701.73 ± 12.39	5861.79 ± 102.99	0.9949
16D14753	7.6 %	681.83 ± 11.74	5661.91 ± 97.02	0.9951
16D14755	8.3 %	651.02 ± 10.85	5344.15 ± 88.66	0.9950
16D14756	9.0 %	667.21 ± 11.08	5386.66 ± 89.00	0.9947
16D14757	9.8 %	622.67 ± 9.85	5002.35 ± 78.71	0.9940
16D14759	11.0 %	587.17 ± 8.50	4683.23 ± 67.37	0.9928
16D14760	13.0 %	558.24 ± 7.59	4445.53 ± 60.05	0.9929
16D14761	15.5 %	578.04 ± 8.09	4609.04 ± 64.05	0.9931
16D14763	18.5 %	666.88 ± 11.12	5335.75 ± 88.57	0.9951
16D14764	21.5 %	823.42 ± 16.35	6585.14 ± 130.25	0.9962
16D14766	23.0 %	493.93 ± 11.92	4001.65 ± 95.97	0.9931

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron				
Cannot Calculate				

Inverse Isochron		39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
16D14717	1.8 %	0.0949446 ± 0.0001495	0.00091109 ± 0.00000629	0.0020
16D14719	1.9 %	0.1052940 ± 0.0001679	0.00067825 ± 0.00000533	0.0027
16D14720	2.0 %	0.1105683 ± 0.0001901	0.00054573 ± 0.00000514	0.0035
16D14721	2.1 %	0.1135071 ± 0.0002011	0.00047956 ± 0.00000491	0.0035
16D14723	2.2 %	0.1155933 ± 0.0002000	0.00041848 ± 0.00000450	0.0036
16D14724	2.3 %	0.1174620 ± 0.0002479	0.00037607 ± 0.00000518	0.0051
16D14725	2.4 %	0.1181935 ± 0.0002263	0.00034154 ± 0.00000435	0.0034
16D14727	2.5 %	0.1187542 ± 0.0002662	0.00032740 ± 0.00000510	0.0048
16D14728	2.6 %	0.1194505 ± 0.0002209	0.00030401 ± 0.00000403	0.0038
16D14729	2.7 %	0.1205228 ± 0.0002382	0.00027657 ± 0.00000411	0.0035
16D14731	2.8 %	0.1206432 ± 0.0002259	0.00025989 ± 0.00000424	0.0036
16D14732	2.9 %	0.1214177 ± 0.0002531	0.00024602 ± 0.00000400	0.0045
16D14733	3.0 %	0.1215080 ± 0.0002484	0.00023060 ± 0.00000408	0.0038
16D14735	3.2 %	0.1217279 ± 0.0002531	0.00022353 ± 0.00000430	0.0034
16D14736	3.4 %	0.1209388 ± 0.0002145	0.00021307 ± 0.00000337	0.0025
16D14737	3.6 %	0.1212714 ± 0.0002487	0.00020488 ± 0.00000414	0.0031
16D14739	3.8 %	0.1215207 ± 0.0002367	0.00019410 ± 0.00000388	0.0030
16D14740	4.0 %	0.1210652 ± 0.0001980	0.00018170 ± 0.00000280	0.0019
16D14741	4.3 %	0.1209286 ± 0.0002007	0.00017760 ± 0.00000289	0.0020
16D14743	4.6 %	0.1212303 ± 0.0002135	0.00016361 ± 0.00000297	0.0020
16D14744	4.9 %	0.1200514 ± 0.0001901	0.00016874 ± 0.00000250	0.0017
16D14745	5.2 %	0.1213017 ± 0.0002206	0.00014856 ± 0.00000317	0.0021
16D14747	5.5 %	0.1194141 ± 0.0001972	0.00016430 ± 0.00000277	0.0018
16D14748	5.8 %	0.1202667 ± 0.0002167	0.00014893 ± 0.00000322	0.0021
16D14749	6.2 %	0.1195113 ± 0.0002122	0.00016588 ± 0.00000302	0.0022
16D14751	6.6 %	0.1191212 ± 0.0002074	0.00017271 ± 0.00000299	0.0024
16D14752	7.0 %	0.1197129 ± 0.0002132	0.00017060 ± 0.00000300	0.0023
16D14753	7.6 %	0.1204249 ± 0.0002050	0.00017662 ± 0.00000303	0.0021
16D14755	8.3 %	0.1218184 ± 0.0002036	0.00018712 ± 0.00000310	0.0020
16D14756	9.0 %	0.1238629 ± 0.0002122	0.00018564 ± 0.00000307	0.0021
16D14757	9.8 %	0.1244751 ± 0.0002152	0.00019991 ± 0.00000315	0.0026
16D14759	11.0 %	0.1253772 ± 0.0002173	0.00021353 ± 0.00000307	0.0026
16D14760	13.0 %	0.1255738 ± 0.0002034	0.00022495 ± 0.00000304	0.0021
16D14761	15.5 %	0.1254149 ± 0.0002063	0.00021696 ± 0.00000302	0.0023
16D14763	18.5 %	0.1249843 ± 0.0002069	0.00018742 ± 0.00000311	0.0020
16D14764	21.5 %	0.1250428 ± 0.0002168	0.00015186 ± 0.00000300	0.0022
16D14766	23.0 %	0.1234314 ± 0.0003498	0.00024990 ± 0.00000599	0.0052

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron				
Cannot Calculate				

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
16D14717	1.8 %	0.7460127	0.35	0.0000000	0.00	0.0195509	0.56	0.0000054	83.87	73.4170	0.54	0.1394298	0.35	0.0000000	0.00	0.935311	0.18	0.0052713	12.83	0.0281611	83.88	77.7417	0.08	0.0496005	1.43	598.365	0.13	220.4468	0.35	0.0000000	0.00	0.2972067	2.66
16D14719	1.9 %	0.4124962	0.39	0.0000000	0.00	0.0169832	0.60	0.0000000	0.00	63.7748	0.58	0.0770955	0.39	0.0000000	0.00	0.770430	0.18	0.0045790	12.83	0.0000000	0.00	64.0371	0.08	0.0430862	1.44	486.281	0.10	121.8926	0.39	0.0000000	0.00	0.2448137	2.66
16D14720	2.0 %	0.2406761	0.47	0.0000000	0.00	0.0134418	0.69	0.0000000	0.00	50.4762	0.67	0.0449824	0.47	0.0000000	0.00	0.586659	0.18	0.0036242	12.84	0.0000000	0.00	48.7623	0.09	0.0341017	1.48	369.895	0.09	71.1198	0.47	0.0000000	0.00	0.1864182	2.66
16D14721	2.1 %	0.1970519	0.51	0.0000000	0.00	0.0133208	0.69	0.0000065	67.74	50.0217	0.67	0.0368290	0.51	0.0000000	0.00	0.561124	0.18	0.0035916	12.84	0.0341658	67.74	46.6399	0.09	0.0337947	1.48	352.670	0.09	58.2288	0.51	0.0000000	0.00	0.1783043	2.66
16D14723	2.2 %	0.1746549	0.54	0.0000000	0.00	0.0144328	0.66	0.0000060	73.53	54.1976	0.64	0.0326430	0.54	0.0000000	0.00	0.580421	0.18	0.0038914	12.84	0.0313908	73.54	48.2438	0.09	0.0366159	1.47	365.747	0.08	51.6105	0.54	0.0000000	0.00	0.1844361	2.66
16D14724	2.3 %	0.0958886	0.69	0.0000000	0.00	0.0091501	0.89	0.0000000	0.00	34.3603	0.88	0.0179216	0.69	0.0000000	0.00	0.360328	0.19	0.0024671	12.85	0.0000000	0.00	29.9500	0.10	0.0232138	1.59	226.641	0.09	28.3351	0.69	0.0000000	0.00	0.1144987	2.66
16D14725	2.4 %	0.1135372	0.64	0.0000000	0.00	0.0122466	0.72	0.0000041	116.48	45.9881	0.71	0.0212201	0.64	0.0000000	0.00	0.472703	0.19	0.0033019	12.84	0.0212171	116.48	39.2904	0.09	0.0310696	1.50	298.874	0.07	33.5503	0.64	0.0000000	0.00	0.1502072	2.66
16D14727	2.5 %	0.0740255	0.78	0.0000000	0.00	0.0087526	0.94	0.0000003	######	32.8674	0.92	0.0138354	0.78	0.0000000	0.00	0.323036	0.19	0.0023599	12.85	0.0016660	######	26.8503	0.11	0.0222052	1.61	204.225	0.09	21.8745	0.78	0.0000000	0.00	0.1026486	2.66
16D14728	2.6 %	0.1032174	0.66	0.0000000	0.00	0.0132757	0.68	0.0000113	39.69	49.8523	0.66	0.0192913	0.66	0.0000000	0.00	0.487921	0.18	0.0035794	12.84	0.0590675	39.70	40.5553	0.09	0.0336802	1.48	309.015	0.07	30.5007	0.66	0.0000000	0.00	0.1550429	2.66
16D14729	2.7 %	0.0861655	0.74	0.0000000	0.00	0.0126934	0.72	0.0000064	71.70	47.6659	0.71	0.0161043	0.74	0.0000000	0.00	0.451746	0.19	0.0034224	12.84	0.0331597	71.70	37.5485	0.10	0.0322031	1.50	286.085	0.07	25.4619	0.74	0.0000000	0.00	0.1435479	2.66
16D14731	2.8 %	0.0858598	0.81	0.0000000	0.00	0.0139520	0.68	0.0000064	74.28	52.3922	0.66	0.0160472	0.81	0.0000000	0.00	0.479516	0.18	0.0037618	12.84	0.0332798	74.29	39.8567	0.09	0.0353962	1.48	304.997	0.07	25.3716	0.81	0.0000000	0.00	0.1523723	2.66
16D14732	2.9 %	0.0658324	0.81	0.0000000	0.00	0.0115221	0.77	0.0000003	######	43.2675	0.76	0.0123041	0.81	0.0000000	0.00	0.390894	0.19	0.0031066	12.84	0.0014270	######	32.4906	0.10	0.0292315	1.52	248.140	0.07	19.4535	0.81	0.0000000	0.00	0.1242115	2.66
16D14733	3.0 %	0.0612717	0.89	0.0000000	0.00	0.0119358	0.76	0.0000060	74.19	44.8210	0.75	0.0114517	0.89	0.0000000	0.00	0.388421	0.19	0.0032181	12.84	0.0312952	74.20	32.2850	0.10	0.0302811	1.52	247.597	0.07	18.1058	0.89	0.0000000	0.00	0.1234257	2.66
16D14735	3.2 %	0.0582692	0.96	0.0000000	0.00	0.0119859	0.75	0.0000021	209.65	45.0089	0.73	0.0108905	0.96	0.0000000	0.00	0.381772	0.19	0.0032316	12.84	0.0110612	209.65	31.7324	0.10	0.0304080	1.51	243.464	0.07	17.2186	0.96	0.0000000	0.00	0.1213128	2.66
16D14736	3.4 %	0.0823119	0.79	0.0000000	0.00	0.0179437	0.60	0.0000097	47.66	67.3814	0.58	0.0153841	0.79	0.0000000	0.00	0.562080	0.18	0.0048380	12.83	0.0503749	47.67	46.7193	0.09	0.0455229	1.44	361.982	0.06	24.3232	0.79	0.0000000	0.00	0.1786078	2.66
16D14737	3.6 %	0.0564215	1.01	0.0000000	0.00	0.0131435	0.67	0.0000017	256.81	49.3559	0.66	0.0105452	1.01	0.0000000	0.00	0.401801	0.19	0.0035438	12.84	0.0090162	256.82	33.3972	0.10	0.0333448	1.47	258.719	0.07	16.6726	1.01	0.0000000	0.00	0.1276773	2.66
16D14739	3.8 %	0.0586671	1.00	0.0000000	0.00	0.0146517	0.66	0.0000085	55.42	55.0194	0.64	0.0109649	1.00	0.0000000	0.00	0.441907	0.19	0.0039504	12.84	0.0440755	55.43	36.7307	0.10	0.0371711	1.47	284.922	0.06	17.3361	1.00	0.0000000	0.00	0.1404214	2.66
16D14740	4.0 %	0.0908611	0.77	0.0000000	0.00	0.0244008	0.53	0.0000102	43.66	91.6288	0.51	0.0169819	0.77	0.0000000	0.00	0.728362	0.18	0.0065789	12.83	0.0534017	43.67	60.5404	0.08	0.0619044	1.42	473.215	0.05	26.8495	0.77	0.0000000	0.00	0.2314461	2.66
16D14741	4.3 %	0.0830777	0.81	0.0000000	0.00	0.0231710	0.53	0.0000166	27.75	87.0109	0.51	0.0155272	0.81	0.0000000	0.00	0.680572	0.18	0.0062474	12.83	0.0867093	27.77	56.5682	0.08	0.0587846	1.41	443.232	0.05	24.5494	0.81	0.0000000	0.00	0.2162602	2.66
16D14743	4.6 %	0.0664794	0.91	0.0000000	0.00	0.0206281	0.54	0.0000151	30.97	77.4618	0.52	0.0124250	0.91	0.0000000	0.00	0.592636	0.18	0.0055618	12.83	0.0785110	30.99	49.2591	0.09	0.0523332	1.42	386.682	0.05	19.6446	0.91	0.0000000	0.00	0.1883175	2.66
16D14744	4.9 %	0.0933915	0.74	0.0000000	0.00	0.0273221	0.50	0.0000113	40.16	102.5990	0.47	0.0174549	0.74	0.0000000	0.00	0.799366	0.18	0.0073666	12.83	0.0590066	40.18	66.4422	0.08	0.0693159	1.40	525.850	0.04	27.5972	0.74	0.0000000	0.00	0.2540084	2.66
16D14745	5.2 %	0.0513821	1.07	0.0000000	0.00	0.0175287	0.58	0.0000131	33.35	65.8230	0.57	0.0096033	1.07	0.0000000	0.00	0.504755	0.18	0.0047261	12.83	0.0682738	33.36	41.9546	0.09	0.0444700	1.44	330.686	0.05	15.1834	1.07	0.0000000	0.00	0.1603923	2.66
16D14747	5.5 %	0.0787130	0.84	0.0000000	0.00	0.0226791	0.53	0.0000122	38.25	85.1636	0.51	0.0147115	0.84	0.0000000	0.00	0.688301	0.18	0.0061147	12.83	0.0636533	38.26	57.2106	0.08	0.0575365	1.42	455.834	0.04	23.2597	0.84	0.0000000	0.00	0.2187161	2.66
16D14748	5.8 %	0.0538866	1.08	0.0000000	0.00	0.0170942	0.62	0.0000156	30.75	64.1915	0.60	0.0100714	1.08	0.0000000	0.00	0.523535	0.18	0.0046089	12.83	0.0812067	30.76	43.5155	0.09	0.0433677	1.45	345.902	0.05	15.9235	1.08	0.0000000	0.00	0.1663599	2.66
16D14749	6.2 %	0.0619404	0.91	0.0000000	0.00	0.0167219	0.60	0.0000131	33.90	62.7936	0.58	0.0115767	0.91	0.0000000	0.00	0.536885	0.18	0.0045086	12.83	0.0680711	33.92	44.6251	0.09	0.0424233	1.44	355.093	0.05	18.3034	0.91	0.0000000	0.00	0.1706018	2.66
16D14751	6.6 %	0.0686507	0.87	0.0000000	0.00	0.0169565	0.61	0.0000182	25.60	63.6745	0.59	0.0128308	0.87	0.0000000	0.00	0.569675	0.18	0.0045718	12.83	0.0947174	25.61	47.3506	0.09	0.0430185	1.45	377.213	0.05	20.2863	0.87	0.0000000	0.00	0.1810213	2.66
16D14752	7.0 %	0.0652265	0.88	0.0000000	0.00	0.0156991	0.64	0.0000151	30.84	58.9526	0.62	0.0121908	0.88	0.0000000	0.00	0.550677	0.18	0.0042328	12.83	0.0788143	30.85	45.7715	0.09	0.0398284	1.46	363.070	0.05	19.2744	0.88	0.0000000	0.00	0.1749845	2.66
16D14753	7.6 %	0.0742589	0.86	0.0000000	0.00	0.0167991	0.59	0.0000222	20.79	63.0832	0.57	0.0138790	0.86	0.0000000	0.00	0.609157	0.18	0.0045294	12.83	0.1153987	20.81	50.6323	0.08	0.0426190	1.44	398.504	0.05	21.9435	0.86	0.0000000	0.00	0.1935673	2.66
16D14755	8.3 %	0.0801668	0.83	0.0000000	0.00	0.0169773	0.61	0.0000230	20.04	63.7525	0.59	0.0149832	0.83	0.0000000	0.00	0.627896	0.18	0.0045774	12.83	0.1198866	20.06	52.1899	0.08	0.0430712	1.45	404.734	0.05	23.6893	0.83	0.0000000	0.00	0.1995219	2.66
16D14756	9.0 %	0.0765920	0.83	0.0000000	0.00	0.0165095	0.60	0.0000308	15.27	61.9957	0.58	0.0143150	0.83	0.0000000	0.00	0.614817	0.18	0.0044513	12.83	0.1605153	15.30	51.1028	0.08	0.0418843	1.44	389.942	0.05	22.6329	0.83	0.0000000	0.00	0.1953658	2.66
16D14757	9.8 %	0.0767824	0.79	0.0000000	0.00	0.0152968	0.63	0.0000348	13.11	57.4419	0.61	0.0143506	0.79	0.0000000	0.00	0.575202	0.18	0.0041243	12.83	0.1811733	13.14	47.8100	0.09	0.0388077	1.45	361.403	0.05	22.6892	0.79	0.0000000	0.00	0.1827776	2.66
16D14759	11.0 %	0.0892107	0.72	0.0000000	0.00	0.0169781	0.60	0.0000360	13.02	63.7557	0.58	0.0166735	0.72	0.0000000	0.00	0.630206	0.18	0.0045777	12.83	0.1875676	13.05	52.3819	0.09	0.0430734	1.44	391.433	0.05	26.3618	0.72	0.0000000	0.00	0.2002559	2.66
16D14760	13.0 %	0.1166323	0.68	0.0000000	0.00	0.0214209	0.53	0.0000415	11.05	80.4388	0.51	0.0217986	0.68	0.0000000	0.00	0.783327	0.18	0.0057755	12.83	0.2159442	11.09	65.1090	0.08	0.0543445	1.42	484.028	0.05	34.4649	0.68	0.0000000	0.00	0.2489119	2.66
16D14761	15.5 %	0.1006367	0.69	0.0000000	0.00	0.0202109	0.56	0.0000338	13.74	75.8954	0.54	0.0188090	0.69	0.0000000	0.00	0.699871	0.18	0.0054493	12.83	0.1758232	13.77	58.1723	0.08	0.0512749	1.42	434.101	0.05	29.7382	0.69	0.0000000	0.00	0.2223927	2.66
16D14763	18.5 %	0.0816451	0.83	0.0000000	0.00	0.0199978	0.56	0.0000282	16.13	75.0948	0.54	0.0152595	0.83	0.0000000	0.00	0.655063	0.18	0.0053918	12.83	0.1470605	16.16	54.4479	0.08	0.0507341	1.43	411.512	0.05	24.1261	0.83	0.0000000	0.00	0.2081543	2.66
16D14764	21.5 %	0.0577457	0.99	0.0000000	0.00	0.0178618	0.59	0.0000230	19.76	67.0740	0.57	0.0107927	0.99	0.0000000	0.00	0.572064	0.18	0.0048159	12.83	0.1194957	19.78	47.5492	0.09	0.0453152	1.44	363.200	0.05	17.0638	0.99	0.0000000	0.00	0.1817806	2.66
16D14766	23.0 %	0.0394826	1.20	0.0000000	0.00	0.0070305	1.16	0.0000101	45.47	26.4009	1.15	0.0073793	1.20	0.0000000	0.00	0.234624	0.21	0.0018956	12.87	0.0525170	45.48	19.5016	0.14	0.0178364	1.75	146.328	0.10	11.6671	1.20	0.0000000	0.00	0.0745546	2.66
	Σ	4.2191221	0.12	0.0000000	0.00	0.6002667	0.10	0.0004985	5.36	2254.0997	0.10	0.7885539	0.12	0.0000000	0.00	20.753061	0.03	0.1618444	2.18	2.5971051	5.36	1724.9656	0.01	1.5228698	0.25	13289.583	0.01	1246.7506	0.12	0.0000000	0.00	6.5945435	0.45
	Σ							4.8198874	0.10	2254.0997	0.10									24.300565	0.57			1726.4885	0.01							14542.928	0.01

Additional Parameters		40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
16D14717	1.8 %	10.529564	0.008283	0.943768	0.005154	0.009841	0.000034	117.965	10.303714	1.00083359	3.932E-11
16D14719	1.9 %	9.494653	0.007562	0.995235	0.005816	0.006702	0.000026	117.979	10.306683	1.00083369	2.920E-11
16D14720	2.0 %	9.041685	0.007765	1.034424	0.007035	0.005208	0.000024	117.987	10.308238	1.00083374	2.118E-11
16D14721	2.1 %	8.807465	0.007795	1.071732	0.007250	0.004507	0.000022	117.994	10.309793	1.00083380	1.973E-11
16D14723	2.2 %	8.648277	0.007473	1.122559	0.007279	0.003917	0.000020	118.009	10.312763	1.00083390	2.004E-11
16D14724	2.3 %	8.510621	0.008973	1.146369	0.010134	0.003504	0.000022	118.016	10.314178	1.00083395	1.224E-11
16D14725	2.4 %	8.457838	0.008090	1.169543	0.008330	0.003199	0.000018	118.024	10.315734	1.00083400	1.596E-11
16D14727	2.5 %	8.417619	0.009424	1.223088	0.011372	0.003080	0.000022	118.037	10.318565	1.00083410	1.086E-11
16D14728	2.6 %	8.368540	0.007730	1.228222	0.008201	0.002870	0.000017	118.044	10.319980	1.00083415	1.630E-11
16D14729	2.7 %	8.293893	0.008187	1.268362	0.009061	0.002631	0.000017	118.051	10.321396	1.00083420	1.496E-11
16D14731	2.8 %	8.285367	0.007747	1.313346	0.008755	0.002502	0.000018	118.065	10.324228	1.00083430	1.587E-11
16D14732	2.9 %	8.232450	0.008572	1.330497	0.010163	0.002379	0.000016	118.072	10.325644	1.00083435	1.285E-11
16D14733	3.0 %	8.226016	0.008400	1.386990	0.010465	0.002266	0.000017	118.079	10.327061	1.00083440	1.276E-11
16D14735	3.2 %	8.210997	0.008525	1.417033	0.010453	0.002212	0.000018	118.093	10.329894	1.00083449	1.252E-11
16D14736	3.4 %	8.264418	0.007321	1.440858	0.008466	0.002144	0.000014	118.100	10.331311	1.00083454	1.855E-11
16D14737	3.6 %	8.241561	0.008439	1.476373	0.009829	0.002081	0.000017	118.107	10.332728	1.00083459	1.322E-11
16D14739	3.8 %	8.224550	0.008001	1.496399	0.009739	0.001994	0.000016	118.121	10.335563	1.00083469	1.452E-11
16D14740	4.0 %	8.255396	0.006744	1.511968	0.007837	0.001902	0.000011	118.128	10.336981	1.00083474	2.401E-11
16D14741	4.3 %	8.264578	0.006848	1.536564	0.007918	0.001877	0.000012	118.135	10.338399	1.00083479	2.246E-11
16D14743	4.6 %	8.243828	0.007250	1.570869	0.008340	0.001767	0.000012	118.149	10.341236	1.00083489	1.951E-11
16D14744	4.9 %	8.324901	0.006581	1.542576	0.007389	0.001815	0.000010	118.156	10.342654	1.00083494	2.658E-11
16D14745	5.2 %	8.238999	0.007482	1.567250	0.008971	0.001641	0.000013	118.162	10.344073	1.00083498	1.661E-11
16D14747	5.5 %	8.369628	0.006902	1.487103	0.007712	0.001771	0.000012	118.177	10.347053	1.00083509	2.301E-11
16D14748	5.8 %	8.310396	0.007478	1.473670	0.008943	0.001630	0.000013	118.184	10.348472	1.00083514	1.738E-11
16D14749	6.2 %	8.363285	0.007417	1.405799	0.008233	0.001761	0.000013	118.191	10.349892	1.00083519	1.793E-11
16D14751	6.6 %	8.391012	0.007296	1.343526	0.008040	0.001807	0.000012	118.205	10.352732	1.00083528	1.909E-11
16D14752	7.0 %	8.349877	0.007428	1.286856	0.008024	0.001767	0.000012	118.212	10.354152	1.00083533	1.836E-11
16D14753	7.6 %	8.300770	0.007057	1.244861	0.007175	0.001797	0.000012	118.219	10.355572	1.00083538	2.019E-11
16D14755	8.3 %	8.205993	0.006851	1.220542	0.007300	0.001860	0.000013	118.233	10.358413	1.00083548	2.057E-11
16D14756	9.0 %	8.070651	0.006907	1.212165	0.007145	0.001821	0.000012	118.240	10.359834	1.00083553	1.981E-11
16D14757	9.8 %	8.031037	0.006936	1.200487	0.007380	0.001925	0.000013	118.247	10.361255	1.00083558	1.845E-11
16D14759	11.0 %	7.973200	0.006901	1.216133	0.007158	0.002026	0.000012	118.260	10.364098	1.00083568	2.006E-11
16D14760	13.0 %	7.960626	0.006439	1.234417	0.006404	0.002119	0.000012	118.267	10.365520	1.00083573	2.490E-11
16D14761	15.5 %	7.970334	0.006548	1.303516	0.007061	0.002076	0.000012	118.274	10.366942	1.00083577	2.227E-11
16D14763	18.5 %	7.997373	0.006612	1.377921	0.007494	0.001866	0.000012	118.288	10.369786	1.00083587	2.092E-11
16D14764	21.5 %	7.993470	0.006922	1.409279	0.008141	0.001589	0.000012	118.295	10.371209	1.00083592	1.826E-11
16D14766	23.0 %	8.098083	0.011464	1.352542	0.015649	0.002383	0.000024	118.309	10.374054	1.00083602	7.587E-12

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
16D14717	1.8 %	0.0036630 ± 0.0002407	0.0467627 ± 0.0181567	0.0267716 ± 0.0164398	0.0058323 ± 0.0153110	0.9831306 ± 0.0395248
16D14719	1.9 %	0.0037790 ± 0.0002407	0.0437550 ± 0.0181567	0.0283926 ± 0.0164398	0.0073219 ± 0.0153110	1.0198621 ± 0.0395248
16D14720	2.0 %	0.0038193 ± 0.0002407	0.0420025 ± 0.0181567	0.0296060 ± 0.0164398	0.0074197 ± 0.0153110	1.0334823 ± 0.0395248
16D14721	2.1 %	0.0038474 ± 0.0002407	0.0401770 ± 0.0181567	0.0310025 ± 0.0164398	0.0071549 ± 0.0153110	1.0437074 ± 0.0395248
16D14723	2.2 %	0.0038724 ± 0.0002407	0.0366121 ± 0.0181567	0.0340065 ± 0.0164398	0.0059121 ± 0.0153110	1.0550311 ± 0.0395248
16D14724	2.3 %	0.0038732 ± 0.0002407	0.0349284 ± 0.0181567	0.0355217 ± 0.0164398	0.0050913 ± 0.0153110	1.0571706 ± 0.0395248
16D14725	2.4 %	0.0038673 ± 0.0002407	0.0331209 ± 0.0181567	0.0372033 ± 0.0164398	0.0040932 ± 0.0153110	1.0574747 ± 0.0395248
16D14727	2.5 %	0.0038421 ± 0.0002407	0.0300332 ± 0.0181567	0.0401871 ± 0.0164398	0.0021978 ± 0.0153110	1.0534485 ± 0.0395248
16D14728	2.6 %	0.0038241 ± 0.0002407	0.0286196 ± 0.0181567	0.0415940 ± 0.0164398	0.0012863 ± 0.0153110	1.0496418 ± 0.0395248
16D14729	2.7 %	0.0038035 ± 0.0002407	0.0273120 ± 0.0181567	0.0429157 ± 0.0164398	0.0004422 ± 0.0153110	1.0448986 ± 0.0395248
16D14731	2.8 %	0.0037575 ± 0.0002407	0.0250635 ± 0.0181567	0.0452302 ± 0.0164398	0.0009361 ± 0.0153110	1.0333249 ± 0.0395248
16D14732	2.9 %	0.0037333 ± 0.0002407	0.0241427 ± 0.0181567	0.0461916 ± 0.0164398	0.0014248 ± 0.0153110	1.0268332 ± 0.0395248
16D14733	3.0 %	0.0037092 ± 0.0002407	0.0233681 ± 0.0181567	0.0470050 ± 0.0164398	0.0017555 ± 0.0153110	1.0200822 ± 0.0395248
16D14735	3.2 %	0.0036631 ± 0.0002407	0.0222800 ± 0.0181567	0.0481478 ± 0.0164398	0.0018903 ± 0.0153110	1.0063798 ± 0.0395248
16D14736	3.4 %	0.0036421 ± 0.0002407	0.0219735 ± 0.0181567	0.0484625 ± 0.0164398	0.0016769 ± 0.0153110	0.9996945 ± 0.0395248
16D14737	3.6 %	0.0036230 ± 0.0002407	0.0218274 ± 0.0181567	0.0485996 ± 0.0164398	0.0012707 ± 0.0153110	0.9932819 ± 0.0395248
16D14739	3.8 %	0.0035922 ± 0.0002407	0.0220124 ± 0.0181567	0.0483348 ± 0.0164398	0.0001170 ± 0.0153110	0.9817071 ± 0.0395248
16D14740	4.0 %	0.0035811 ± 0.0002407	0.0223376 ± 0.0181567	0.0479347 ± 0.0164398	0.0010880 ± 0.0153110	0.9767383 ± 0.0395248
16D14741	4.3 %	0.0035732 ± 0.0002407	0.0228111 ± 0.0181567	0.0473608 ± 0.0164398	0.0022308 ± 0.0153110	0.9724289 ± 0.0395248
16D14743	4.6 %	0.0035678 ± 0.0002407	0.0241736 ± 0.0181567	0.0457187 ± 0.0164398	0.0049727 ± 0.0153110	0.9660753 ± 0.0395248
16D14744	4.9 %	0.0035705 ± 0.0002407	0.0250436 ± 0.0181567	0.0446689 ± 0.0164398	0.0065332 ± 0.0153110	0.9641517 ± 0.0395248
16D14745	5.2 %	0.0035771 ± 0.0002407	0.0260239 ± 0.0181567	0.0434826 ± 0.0164398	0.0081886 ± 0.0153110	0.9631289 ± 0.0395248
16D14747	5.5 %	0.0036035 ± 0.0002407	0.0283796 ± 0.0181567	0.0406135 ± 0.0164398	0.0118452 ± 0.0153110	0.9640696 ± 0.0395248
16D14748	5.8 %	0.0036219 ± 0.0002407	0.0296086 ± 0.0181567	0.0391049 ± 0.0164398	0.0136014 ± 0.0153110	0.9660381 ± 0.0395248
16D14749	6.2 %	0.0036441 ± 0.0002407	0.0308822 ± 0.0181567	0.0375323 ± 0.0164398	0.0153157 ± 0.0153110	0.9690040 ± 0.0395248
16D14751	6.6 %	0.0036991 ± 0.0002407	0.0334798 ± 0.0181567	0.0342891 ± 0.0164398	0.0184453 ± 0.0153110	0.9779205 ± 0.0395248
16D14752	7.0 %	0.0037315 ± 0.0002407	0.0347586 ± 0.0181567	0.0326708 ± 0.0164398	0.0197656 ± 0.0153110	0.9838446 ± 0.0395248
16D14753	7.6 %	0.0037669 ± 0.0002407	0.0359910 ± 0.0181567	0.0310930 ± 0.0164398	0.0208537 ± 0.0153110	0.9907131 ± 0.0395248
16D14755	8.3 %	0.0038454 ± 0.0002407	0.0382082 ± 0.0181567	0.0281865 ± 0.0164398	0.0221044 ± 0.0153110	1.0071307 ± 0.0395248
16D14756	9.0 %	0.0038878 ± 0.0002407	0.0391346 ± 0.0181567	0.0269266 ± 0.0164398	0.0221440 ± 0.0153110	1.0165806 ± 0.0395248
16D14757	9.8 %	0.0039317 ± 0.0002407	0.0398978 ± 0.0181567	0.0258451 ± 0.0164398	0.0217051 ± 0.0153110	1.0267767 ± 0.0395248
16D14759	11.0 %	0.0040225 ± 0.0002407	0.0408002 ± 0.0181567	0.0243779 ± 0.0164398	0.0191077 ± 0.0153110	1.0491092 ± 0.0395248
16D14760	13.0 %	0.0040683 ± 0.0002407	0.0408679 ± 0.0181567	0.0240778 ± 0.0164398	0.0167981 ± 0.0153110	1.0610739 ± 0.0395248
16D14761	15.5 %	0.0041135 ± 0.0002407	0.0406296 ± 0.0181567	0.0241271 ± 0.0164398	0.0137081 ± 0.0153110	1.0734412 ± 0.0395248
16D14763	18.5 %	0.0041999 ± 0.0002407	0.0390744 ± 0.0181567	0.0254684 ± 0.0164398	0.0048460 ± 0.0153110	1.0989399 ± 0.0395248
16D14764	21.5 %	0.0042397 ± 0.0002407	0.0376729 ± 0.0181567	0.0268626 ± 0.0164398	0.0011049 ± 0.0153110	1.1118270 ± 0.0395248
16D14766	23.0 %	0.0043089 ± 0.0002407	0.0333991 ± 0.0181567	0.0313690 ± 0.0164398	0.0165204 ± 0.0153110	1.1371971 ± 0.0395248

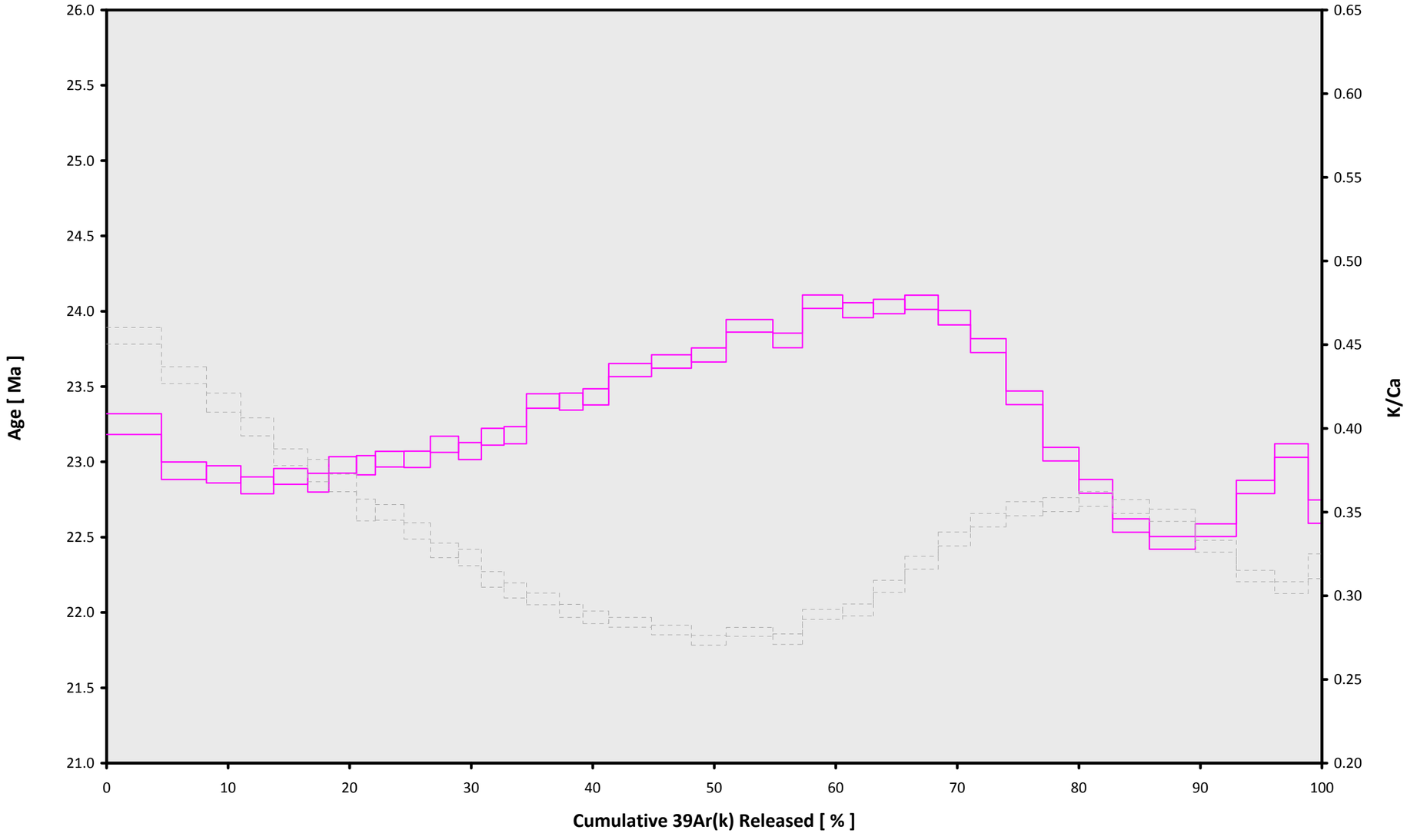
Intercept Values		36Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	37Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	38Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	39Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	40Ar ± 1σ (SE) [fA]	r2	Regression (type,n)
16D14717	1.8 %	0.7413752 ± 0.0012808	0.9169	EXP 150 of 150	7.0161087 ± 0.0181340	0.8175	EXP 150 of 150	1.0652113 ± 0.0162974	0.1589	EXP 149 of 150	77.165599 ± 0.022628	0.9982	EXP 150 of 150	820.09209 ± 0.04496	0.9998	EXP 150 of 150
16D14719	1.9 %	0.4176309 ± 0.0009844	0.8022	EXP 150 of 150	6.0960409 ± 0.0180216	0.7827	EXP 150 of 150	0.7961262 ± 0.0188083	0.0326	EXP 150 of 150	63.567207 ± 0.017972	0.9983	EXP 150 of 150	609.43864 ± 0.03832	0.9997	EXP 150 of 150
16D14720	2.0 %	0.2486905 ± 0.0007988	0.4487	EXP 150 of 150	4.8315143 ± 0.0188562	0.6881	EXP 150 of 150	0.5935015 ± 0.0174347	0.0218	EXP 150 of 150	48.407630 ± 0.017808	0.9970	EXP 150 of 150	442.23504 ± 0.03406	0.9993	EXP 150 of 150
16D14721	2.1 %	0.2065716 ± 0.0007377	0.3267	EXP 150 of 150	4.7858498 ± 0.0181963	0.6831	EXP 150 of 150	0.5954208 ± 0.0157365	0.0901	EXP 150 of 150	46.301889 ± 0.019078	0.9963	EXP 150 of 150	412.12051 ± 0.03338	0.9992	EXP 150 of 150
16D14723	2.2 %	0.1860856 ± 0.0006941	0.2112	EXP 150 of 150	5.1769845 ± 0.0186588	0.7622	EXP 150 of 150	0.6048678 ± 0.0156467	0.0679	EXP 150 of 150	47.894337 ± 0.017897	0.9969	EXP 150 of 150	418.59749 ± 0.03652	0.9992	EXP 150 of 150
16D14724	2.3 %	0.1050900 ± 0.0005064	0.0206	EXP 150 of 150	3.2933823 ± 0.0179548	0.5236	EXP 150 of 150	0.3282237 ± 0.0174114	0.0015	EXP 150 of 150	29.734898 ± 0.016863	0.9928	EXP 150 of 150	256.14743 ± 0.02853	0.9967	EXP 150 of 150
16D14725	2.4 %	0.1250782 ± 0.0005474	0.0005	EXP 150 of 150	4.3936083 ± 0.0178916	0.6294	EXP 150 of 150	0.4736643 ± 0.0179225	0.0303	EXP 150 of 150	39.006292 ± 0.019578	0.9944	EXP 150 of 150	333.63203 ± 0.02670	0.9991	EXP 150 of 150
16D14727	2.5 %	0.0836084 ± 0.0004388	0.1598	EXP 150 of 150	3.1455868 ± 0.0185924	0.5402	EXP 150 of 150	0.2957293 ± 0.0171325	0.0058	EXP 150 of 150	26.656481 ± 0.016726	0.9910	EXP 150 of 150	227.25566 ± 0.02373	0.9972	EXP 150 of 150
16D14728	2.6 %	0.1160892 ± 0.0005150	0.0043	EXP 150 of 150	4.7535504 ± 0.0172430	0.6996	EXP 150 of 150	0.5199397 ± 0.0161728	0.0904	EXP 150 of 150	40.260717 ± 0.017881	0.9956	EXP 150 of 150	340.72022 ± 0.03332	0.9988	EXP 150 of 150
16D14729	2.7 %	0.0990714 ± 0.0004910	0.0399	EXP 150 of 150	4.5444046 ± 0.0193014	0.6426	EXP 150 of 150	0.4541471 ± 0.0166442	0.0281	EXP 150 of 150	37.276002 ± 0.020145	0.9935	EXP 150 of 150	312.73518 ± 0.03016	0.9987	EXP 150 of 150
16D14731	2.8 %	0.0999436 ± 0.0005590	0.0388	EXP 150 of 150	4.9886795 ± 0.0189220	0.7385	EXP 150 of 150	0.4795938 ± 0.0179300	0.0268	EXP 150 of 150	39.567291 ± 0.018102	0.9954	EXP 150 of 150	331.55430 ± 0.03749	0.9985	EXP 150 of 150
16D14732	2.9 %	0.0782734 ± 0.0003931	0.2561	EXP 150 of 150	4.1227270 ± 0.0192262	0.6115	EXP 150 of 150	0.3555834 ± 0.0169320	0.0006	EXP 150 of 150	32.254332 ± 0.018619	0.9927	EXP 150 of 150	268.74449 ± 0.03361	0.9975	EXP 150 of 150
16D14733	3.0 %	0.0742587 ± 0.0004085	0.2664	EXP 150 of 150	4.2685306 ± 0.0198899	0.6102	EXP 150 of 150	0.3810350 ± 0.0158761	0.0318	EXP 150 of 150	32.051166 ± 0.017328	0.9934	EXP 150 of 150	266.84634 ± 0.02909	0.9981	EXP 150 of 150
16D14735	3.2 %	0.0713638 ± 0.0004344	0.2455	EXP 150 of 150	4.2840654 ± 0.0188388	0.6490	EXP 150 of 150	0.3528620 ± 0.0158382	0.0068	EXP 150 of 150	31.502965 ± 0.017823	0.9930	EXP 150 of 150	261.81031 ± 0.02696	0.9984	EXP 150 of 150
16D14736	3.4 %	0.1002589 ± 0.0004989	0.1409	EXP 150 of 150	6.4012905 ± 0.0201506	0.7826	EXP 150 of 150	0.5749709 ± 0.0169405	0.0269	EXP 150 of 150	46.383397 ± 0.019148	0.9963	EXP 150 of 150	387.48351 ± 0.03167	0.9994	EXP 150 of 150
16D14737	3.6 %	0.0706584 ± 0.0004474	0.4541	EXP 150 of 150	4.6939399 ± 0.0165330	0.7410	EXP 149 of 150	0.3700989 ± 0.0157849	0.0001	EXP 150 of 150	33.157777 ± 0.018617	0.9929	EXP 150 of 150	276.51276 ± 0.02943	0.9984	EXP 150 of 150
16D14739	3.8 %	0.0742513 ± 0.0004598	0.2697	EXP 150 of 150	5.2288115 ± 0.0191983	0.7271	EXP 150 of 150	0.4452449 ± 0.0175372	0.0343	EXP 150 of 150	36.469418 ± 0.018349	0.9944	EXP 150 of 150	303.38076 ± 0.03288	0.9987	EXP 150 of 150
16D14740	4.0 %	0.1146588 ± 0.0005309	0.1500	EXP 150 of 150	8.6925087 ± 0.0214860	0.8593	EXP 150 of 150	0.7456243 ± 0.0159263	0.0660	EXP 150 of 150	60.111334 ± 0.019238	0.9978	EXP 150 of 150	501.27305 ± 0.03748	0.9996	EXP 150 of 150
16D14741	4.3 %	0.1059718 ± 0.0005156	0.1236	EXP 150 of 150	8.2548967 ± 0.0190060	0.8823	EXP 150 of 150	0.7301670 ± 0.0169739	0.1236	EXP 150 of 150	56.169384 ± 0.018710	0.9976	EXP 150 of 150	468.97041 ± 0.03617	0.9995	EXP 150 of 150
16D14743	4.6 %	0.0875201 ± 0.0004584	0.1940	EXP 150 of 150	7.3508049 ± 0.0173322	0.8583	EXP 150 of 150	0.6333472 ± 0.0173423	0.0652	EXP 150 of 150	48.915985 ± 0.020241	0.9963	EXP 150 of 150	407.48100 ± 0.03300	0.9994	EXP 150 of 150
16D14744	4.9 %	0.1199026 ± 0.0005092	0.2037	EXP 150 of 150	9.7279199 ± 0.0171897	0.9237	EXP 150 of 150	0.8256215 ± 0.0164448	0.0244	EXP 150 of 150	65.977925 ± 0.017810	0.9984	EXP 150 of 150	554.66560 ± 0.03882	0.9996	EXP 150 of 150
16D14745	5.2 %	0.0699930 ± 0.0004177	0.5210	EXP 150 of 150	6.2501079 ± 0.0173383	0.8312	EXP 150 of 150	0.5352949 ± 0.0151952	0.0467	EXP 150 of 150	41.666183 ± 0.017732	0.9960	EXP 150 of 150	346.99313 ± 0.02939	0.9992	EXP 150 of 150
16D14747	5.5 %	0.1013180 ± 0.0005104	0.2591	EXP 150 of 150	8.0789520 ± 0.0187797	0.8713	EXP 150 of 150	0.7208765 ± 0.0173667	0.0290	EXP 148 of 150	56.814933 ± 0.018549	0.9977	EXP 150 of 150	480.27695 ± 0.03629	0.9996	EXP 150 of 150
16D14748	5.8 %	0.0720349 ± 0.0004573	0.4110	EXP 150 of 150	6.0968371 ± 0.0204717	0.7670	EXP 150 of 150	0.5712680 ± 0.0182382	0.0685	EXP 150 of 150	43.218794 ± 0.018106	0.9961	EXP 150 of 150	362.95783 ± 0.03312	0.9992	EXP 150 of 150
16D14749	6.2 %	0.0794567 ± 0.0004264	0.3608	EXP 149 of 150	5.9651707 ± 0.0172686	0.8143	EXP 150 of 150	0.5744356 ± 0.0156353	0.0452	EXP 150 of 150	44.320131 ± 0.017784	0.9965	EXP 150 of 150	374.53635 ± 0.03016	0.9994	EXP 150 of 150
16D14751	6.6 %	0.0862088 ± 0.0004529	0.2673	EXP 150 of 150	6.0493744 ± 0.0192760	0.7568	EXP 150 of 150	0.6375450 ± 0.0172443	0.0480	EXP 150 of 150	47.027188 ± 0.017821	0.9969	EXP 150 of 150	398.65823 ± 0.03588	0.9993	EXP 150 of 150
16D14752	7.0 %	0.0817270 ± 0.0004334	0.3649	EXP 149 of 150	5.6037659 ± 0.0191090	0.7353	EXP 150 of 150	0.6038077 ± 0.0173392	0.0287	EXP 150 of 150	45.459103 ± 0.018840	0.9962	EXP 150 of 150	383.50302 ± 0.03217	0.9994	EXP 150 of 150
16D14753	7.6 %	0.0915329 ± 0.0004957	0.3342	EXP 150 of 150	5.9943847 ± 0.0163389	0.8104	EXP 149 of 150	0.7010169 ± 0.0168842	0.0538	EXP 150 of 150	50.284270 ± 0.017890	0.9972	EXP 150 of 150	421.63163 ± 0.03367	0.9995	EXP 150 of 150
16D14755	8.3 %	0.0974769 ± 0.0005204	0.1459	EXP 150 of 150	6.0581615 ± 0.0193083	0.7609	EXP 150 of 150	0.7279463 ± 0.0169147	0.0351	EXP 150 of 150	51.830870 ± 0.017010	0.9976	EXP 150 of 150	429.63022 ± 0.03092	0.9996	EXP 150 of 150
16D14756	9.0 %	0.0936313 ± 0.0004885	0.2114	EXP 150 of 150	5.8924030 ± 0.0172601	0.8067	EXP 149 of 150	0.7555707 ± 0.0175554	0.1157	EXP 150 of 150	50.751450 ± 0.018886	0.9970	EXP 150 of 150	413.78714 ± 0.03016	0.9996	EXP 150 of 150
16D14757	9.8 %	0.0926939 ± 0.0004559	0.2061	EXP 148 of 150	5.4624706 ± 0.0172740	0.7593	EXP 150 of 150	0.7376847 ± 0.0165051	0.0891	EXP 150 of 150	47.481922 ± 0.017512	0.9970	EXP 150 of 150	385.30215 ± 0.03210	0.9994	EXP 150 of 150
16D14759	11.0 %	0.1063822 ± 0.0004784	0.0018	EXP 150 of 150	6.0577583 ± 0.0181476	0.7915	EXP 150 of 150	0.8023894 ± 0.0174003	0.0954	EXP 150 of 150	52.018325 ± 0.020710	0.9965	EXP 150 of 150	419.04377 ± 0.03442	0.9995	EXP 150 of 150
16D14760	13.0 %	0.1371381 ± 0.0006010	0.0005	EXP 150 of 150	7.6312562 ± 0.0166883	0.8741	EXP 150 of 150	0.9877656 ± 0.0165667	0.0667	EXP 150 of 150	64.651002 ± 0.020319	0.9979	EXP 150 of 150	519.80248 ± 0.03781	0.9996	EXP 150 of 150
16D14761	15.5 %	0.1205964 ± 0.0005227	0.0435	EXP 150 of 150	7.2013044 ± 0.0183127	0.8371	EXP 150 of 150	0.8626771 ± 0.0170285	0.0989	EXP 150 of 150	57.764438 ± 0.018573	0.9977	EXP 150 of 150	465.13469 ± 0.03535	0.9995	EXP 150 of 150
16D14763	18.5 %	0.1021715 ± 0.0005275	0.0776	EXP 150 of 150	7.1222754 ± 0.0182263	0.8441	EXP 150 of 150	0.7852856 ± 0.0164672	0.1119	EXP 150 of 150	54.060891 ± 0.017244	0.9978	EXP 150 of 150	436.94487 ± 0.03149	0.9996	EXP 150 of 150
16D14764	21.5 %	0.0771182 ± 0.0004371	0.3957	EXP 150 of 150	6.3634498 ± 0.0186378	0.8009	EXP 150 of 150	0.6699745 ± 0.0163560	0.0847	EXP 150 of 150	47.206879 ± 0.017537	0.9970	EXP 150 of 150	381.55707 ± 0.03351	0.9993	EXP 150 of 150
16D14766	23.0 %	0.0491393 ± 0.0003570	0.4057	EXP 150 of 150	2.5225941 ± 0.0197614	0.3733	EXP 150 of 150	0.2607161 ± 0.0168127	0.0025	EXP 150 of 150	19.344395 ± 0.017349	0.9812	EXP 150 of 150	159.20723 ± 0.02505	0.9909	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
16D14717	1.8 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14719	1.9 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14720	2.0 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14721	2.1 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14723	2.2 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14724	2.3 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14725	2.4 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14727	2.5 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14728	2.6 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14729	2.7 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14731	2.8 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14732	2.9 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14733	3.0 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14735	3.2 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14736	3.4 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14737	3.6 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14739	3.8 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14740	4.0 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14741	4.3 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14743	4.6 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14744	4.9 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14745	5.2 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14747	5.5 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14748	5.8 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14749	6.2 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14751	6.6 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14752	7.0 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14753	7.6 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14755	8.3 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14756	9.0 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14757	9.8 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14759	11.0 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14760	13.0 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14761	15.5 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14763	18.5 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14764	21.5 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	01
16D14766	23.0 %	Susan Schnur	15-OSU-07	0.00	0.00	32.85	Walvis Ridge\MV1203 (13-INT-04)	16D14713	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
16D14717	1.8 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	13	38	1
16D14719	1.9 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	13	59	1
16D14720	2.0 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	14	10	1
16D14721	2.1 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	14	21	1
16D14723	2.2 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	14	42	1
16D14724	2.3 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	14	52	1
16D14725	2.4 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	15	3	1
16D14727	2.5 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	15	23	1
16D14728	2.6 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	15	33	1
16D14729	2.7 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	15	43	1
16D14731	2.8 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	16	3	1
16D14732	2.9 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	16	13	1
16D14733	3.0 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	16	23	1
16D14735	3.2 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	16	43	1
16D14736	3.4 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	16	53	1
16D14737	3.6 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	17	3	1
16D14739	3.8 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	17	23	1
16D14740	4.0 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	17	33	1
16D14741	4.3 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	17	43	1
16D14743	4.6 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	18	3	1
16D14744	4.9 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	18	13	1
16D14745	5.2 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	18	23	1
16D14747	5.5 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	18	44	1
16D14748	5.8 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	18	54	1
16D14749	6.2 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	19	4	1
16D14751	6.6 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	19	24	1
16D14752	7.0 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	19	34	1
16D14753	7.6 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	19	44	1
16D14755	8.3 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	20	4	1
16D14756	9.0 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	20	14	1
16D14757	9.8 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	20	24	1
16D14759	11.0 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	20	44	1
16D14760	13.0 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	20	54	1
16D14761	15.5 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	21	4	1
16D14763	18.5 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	21	24	1
16D14764	21.5 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	21	34	1
16D14766	23.0 %	MV1203-D39-01A (Light)	Groundmass	Risso Seamount	FCT-NM (7B19-15)	28.201	0.082	Kuiper et al (2008)	9.34849	0.138	0.00168128	0.138	304.384	0.16	0.99269387	0.070	1	4.8E-14	14	APR	2016	21	54	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
16D14717	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
16D14719	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
16D14720	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
16D14721	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
16D14723	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
16D14724	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
16D14725	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
16D14727	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
16D14728	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
16D14729	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
16D14731	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
16D14732	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
16D14733	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
16D14735	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
16D14736	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
16D14737	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
16D14739	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
16D14740	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
16D14741	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
16D14743	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
16D14744	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
16D14745	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
16D14747	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
16D14748	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
16D14749	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
16D14751	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
16D14752	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
16D14753	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
16D14755	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
16D14756	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
16D14757	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
16D14759	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
16D14760	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
16D14761	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
16D14763	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
16D14764	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
16D14766	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

16D14713.AGE >>> MV1203-D39-01A (LIGHT) >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

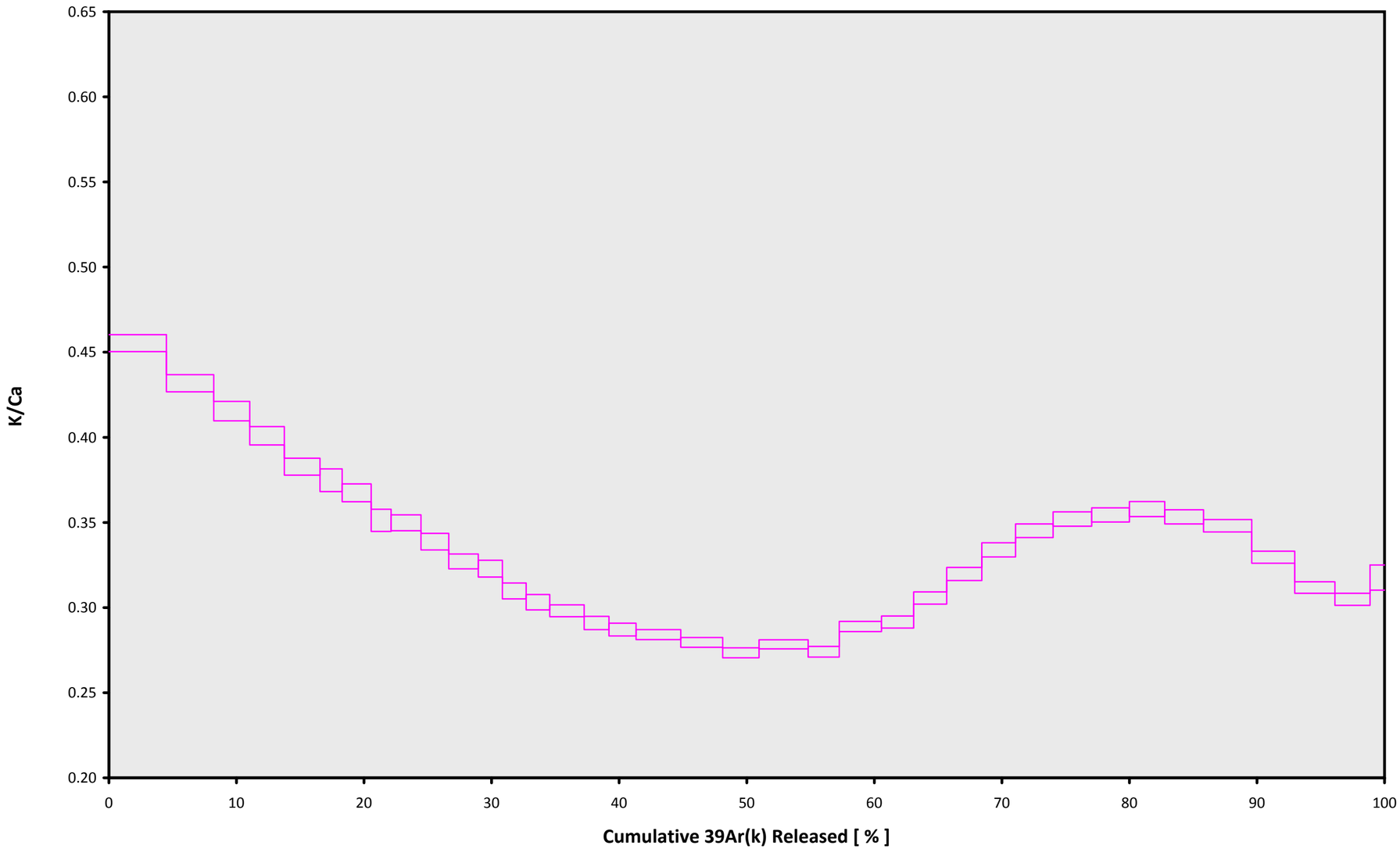
TOTAL FUSION
23.27 ± 0.06

Sample Info

Groundmass
Risso Seamount
Susan Schnur

IRR = 15-OSU-07 (7B19-15)
J = 0.00168128 ± 0.00000232

16D14713.AGE >>> MV1203-D39-01A (LIGHT) >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



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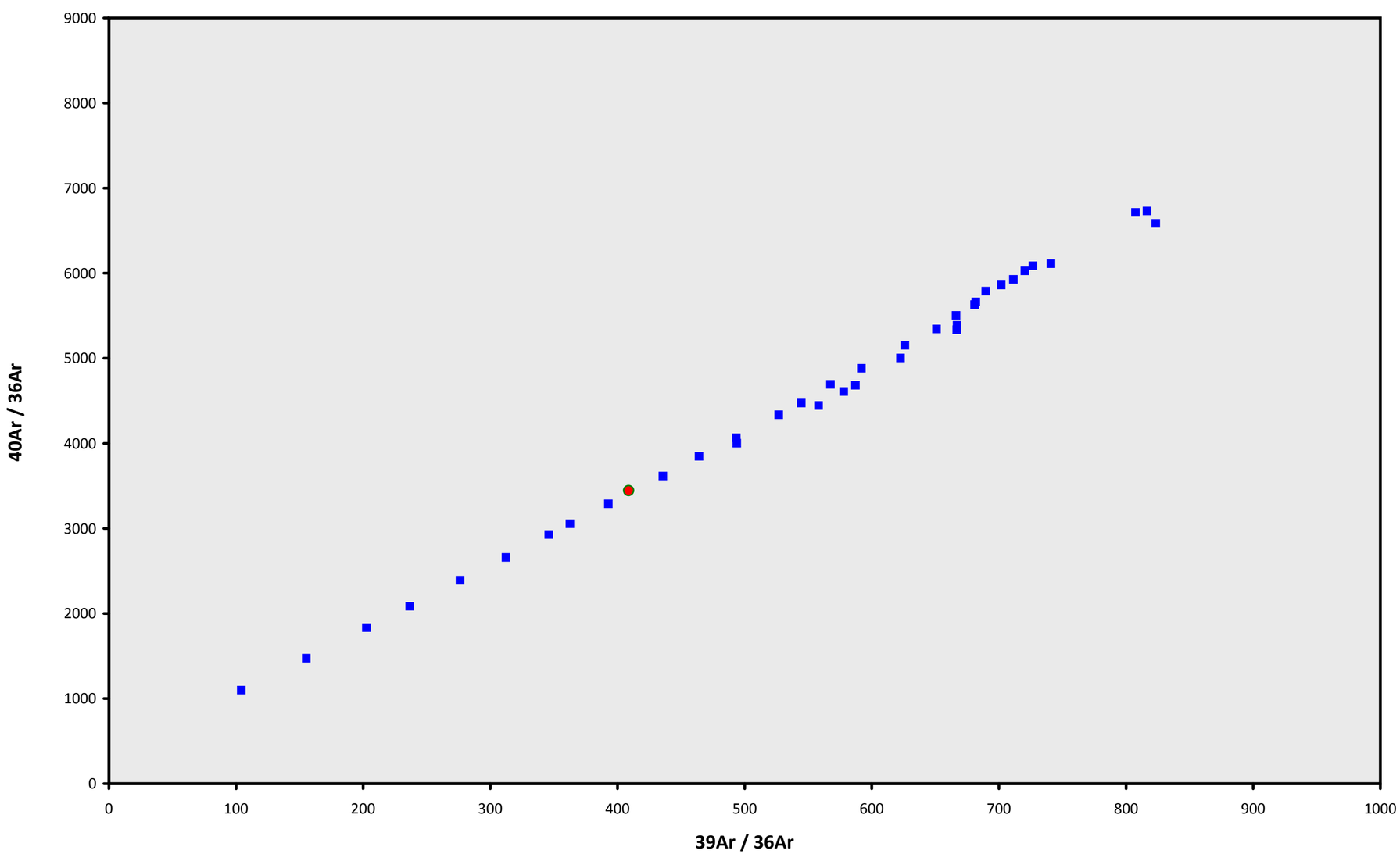
16D14713.AGE >>> MV1203-D39-01A (LIGHT) >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



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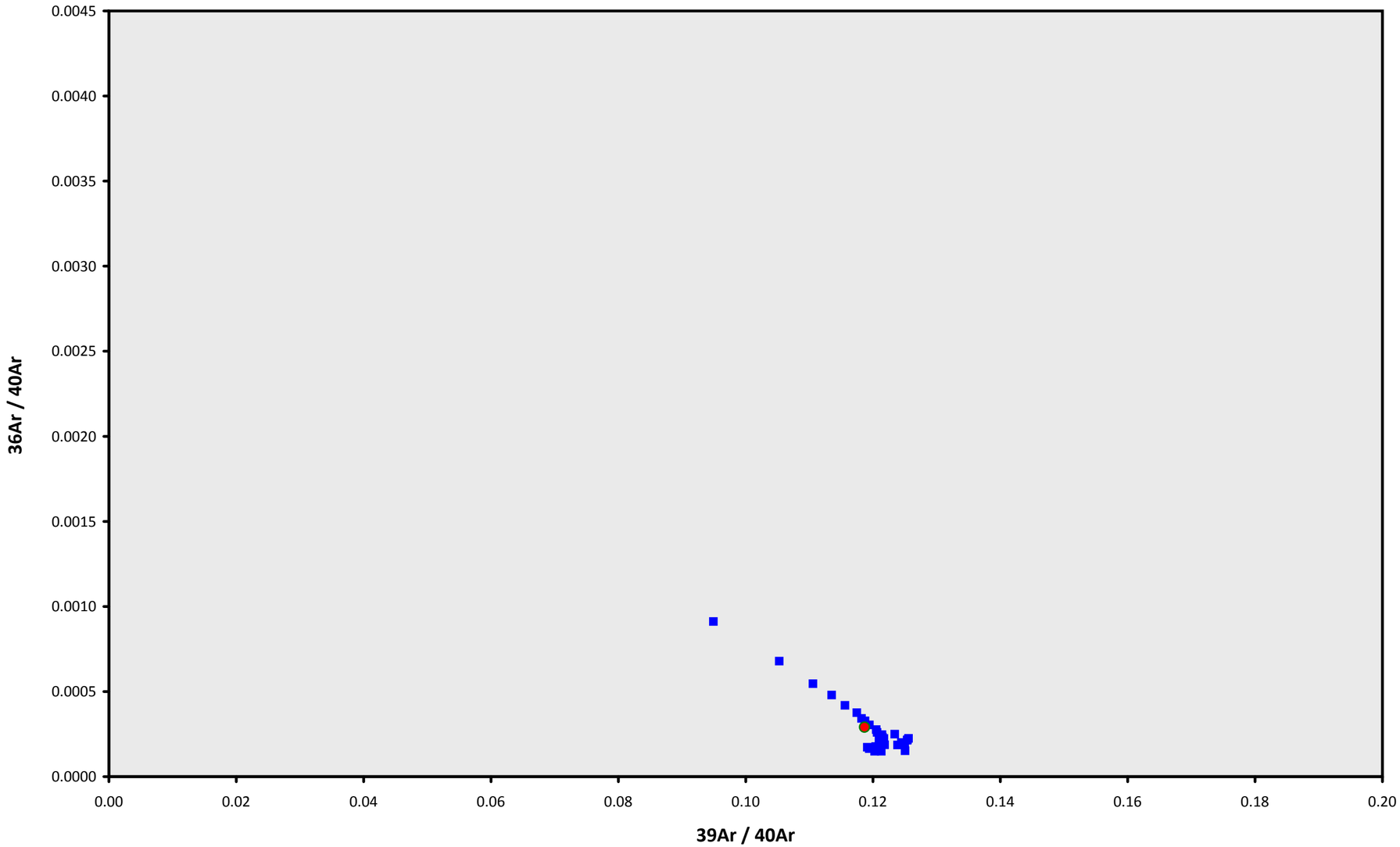
16D14713.AGE >>> MV1203-D39-01A (LIGHT) >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



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Sample Info

Groundmass
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IRR = 15-OSU-07 (7B19-15)
J = 0.00168128 ± 0.00000232