Relative Abundances			36Ar [fA]	%1σ	37Ar [fA]	%1σ	38Ar [fA]	%1σ	39Ar [fA]	%1σ	40Ar [fA]	%1σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ka)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
13D08126	1.8 %		1.5562969	0.312	24.2046	7.624	0.375187	9.811	4.0619	0.992	469.6176	0.026	2.87334 ± 0.71668	7900.1 ± 1966.2	2.48	0.27	0.072 ± 0.011
13D08128	2.0 %		0.5298110	0.440	18.2856	10.078	0.199487	18.417	5.1381	0.795	164.3795	0.070	1.80330 ± 0.27978	4962.1 ± 768.8	5.62	0.34	0.121 ± 0.024
13D08129	2.2 %		0.1923045	0.684	11.2331	16.530	0.077825	51.294	4.7147	0.823	60.6695	0.184	1.00051 ± 0.18338	2754.8 ± 504.5	7.76	0.31	0.180 ± 0.060
13D08130	2.4 %		0.1221307	0.934	18.2852	9.877	0.152522	24.939	7.8161	0.524	39.7937	0.281	0.65563 ± 0.09828	1805.7 ± 270.5	12.86	0.52	0.184 ± 0.036
13D08132	2.7 %		0.0885749	1.118	22.2473	8.595	0.210106	17.433	12.6273	0.334	30.9232	0.359	0.51185 ± 0.05519	1409.8 ± 152.0	20.88	0.84	0.244 ± 0.042
13D08133	3.0 %		0.0685874	1.395	38.0781	4.934	0.268917	13.673	20.4641	0.213	26.8295	0.412	0.46389 ± 0.03312	1277.8 ± 91.2	35.34	1.36	0.231 ± 0.023
13D08134	3.3 %		0.0522773	1.709	37.2691	4.745	0.298810	12.363	23.5542	0.185	22.2361	0.501	0.40934 ± 0.02713	1127.6 ± 74.7	43.31	1.57	0.271 ± 0.026
13D08136	3.6 %		0.0477768	1.716	49.5442	3.601	0.430480	9.288	31.7221	0.143	22.3876	0.493	0.38028 ± 0.01903	1047.6 ± 52.4	53.83	2.11	0.275 ± 0.020
13D08137	3.7 %		0.0408989	2.009	53.3347	3.366	0.368310	10.148	33.7218	0.138	20.7470	0.535	0.37789 ± 0.01797	1041.0 ± 49.5	61.36	2.24	0.272 ± 0.018
13D08138	3.9 %		0.0275509	2.916	38.1208	4.587	0.281522	13.951	23.5203	0.184	13.8051	0.798	0.36493 ± 0.02521	1005.3 ± 69.4	62.11	1.56	0.265 ± 0.024
13D08140	4.2 %		0.0350367	2.348	58.3803	3.175	0.485011	7.815	36.0499	0.129	19.2683	0.574	0.37143 ± 0.01693	1023.2 ± 46.6	69.42	2.40	0.265 ± 0.017
13D08141	4.5 %		0.0281818	2.843	51.4665	3.529	0.382388	10.200	31.2584	0.141	15.7383	0.705	0.36322 ± 0.01912	1000.6 ± 52.7	72.06	2.08	0.261 ± 0.018
13D08142	4.7 %		0.0382719	2.223	75.0792	2.573	0.555868	6.594	46.9304	0.108	22.4263	0.494	0.35934 ± 0.01342	989.9 ± 37.0	75.12	3.12	0.268 ± 0.014
13D08144	4.8 %		0.0497056	1.814	106.9388	1.765	0.752954	4.990	66.1145	0.089	29.7933	0.373	0.35232 ± 0.00986	970.5 ± 27.2	78.10	4.39	0.266 ± 0.009
13D08145	5.1 %	✓	0.0450113	1.894	98.8352	1.913	0.698585	5.574	60.7459	0.096	26.8251	0.412	0.34723 ± 0.01034	956.5 ± 28.5	78.55	4.04	0.264 ± 0.010
13D08146	5.4 %	✓	0.0393254	2.051	87.3442	2.240	0.657440	5.803	56.6102	0.099	24.5518	0.452	0.34638 ± 0.01081	954.2 ± 29.8	79.78	3.76	0.278 ± 0.012
13D08148	5.7 %	✓	0.0389809	2.127	86.2536	2.071	0.666698	6.024	56.4635	0.100	24.0318	0.464	0.33835 ± 0.01080	932.1 ± 29.7	79.41	3.75	0.281 ± 0.012
13D08149	5.9 %	✓	0.0439420	1.893	100.4496	1.958	0.730237	5.459	62.7640	0.094	26.4230	0.418	0.33659 ± 0.00994	927.2 ± 27.4	79.87	4.17	0.268 ± 0.011
13D08150	6.1 %	✓	0.0348741	2.354	83.2716	2.331	0.598270	6.890	53.1978	0.106	22.1871	0.501	0.34307 ± 0.01160	945.1 ± 32.0	82.17	3.54	0.274 ± 0.013
13D08152	6.5 %	✓	0.0434674	1.947	99.5291	1.958	0.717240	5.294	64.2293	0.093	26.8869	0.413	0.33710 ± 0.00981	928.6 ± 27.0	80.44	4.27	0.277 ± 0.011
13D08153	6.9 %	✓	0.0532473	1.695	117.4059	1.677	0.845919	4.688	72.3757	0.088	31.2819	0.355	0.33902 ± 0.00910	933.9 ± 25.1	78.35	4.81	0.265 ± 0.009
13D08154	7.1 %	✓	0.0462242	1.919	100.1482	1.912	0.791839	4.730	63.8413	0.089	27.0387	0.411	0.32957 ± 0.01013	907.9 ± 27.9	77.73	4.24	0.274 ± 0.010
13D08156	7.3 %	✓	0.0368838	2.179	80.4327	2.234	0.648957	5.849	50.8727	0.102	21.8067	0.508	0.33542 ± 0.01175	924.0 ± 32.4	78.17	3.38	0.272 ± 0.012
13D08157	7.8 %	✓	0.0467297	1.831	99.0345	1.904	0.699518	5.578	58.9620	0.098	25.9709	0.425	0.33501 ± 0.01067	922.9 ± 29.4	75.97	3.92	0.256 ± 0.010
13D08158	8.1 %	✓	0.0467531	1.763	93.1972	1.957	0.628643	5.793	54.5593	0.102	24.7050	0.447	0.33057 ± 0.01117	910.6 ± 30.8	72.92	3.63	0.251 ± 0.010
13D08160	8.3 %	✓	0.0393030	2.110	78.4695	2.406	0.543832	6.980	44.3861	0.117	20.4253	0.541	0.33422 ± 0.01389	920.7 ± 38.2	72.54	2.95	0.243 ± 0.012
13D08161	8.8 %	✓	0.0433985	1.917	81.0654	2.332	0.560844	6.868	42.9348	0.113	20.8965	0.529	0.33327 ± 0.01439	918.1 ± 39.6	68.39	2.85	0.227 ± 0.011
13D08162	9.3 %	✓	0.0535261	1.709	87.8625	2.240	0.570047	6.593	43.7805	0.116	23.0935	0.479	0.32081 ± 0.01515	883.8 ± 41.7	60.74	2.91	0.214 ± 0.010
13D08164	9.9 %	✓	0.0617410	1.477	94.3303	2.079	0.552135	6.889	43.4924	0.115	25.2345	0.437	0.32809 ± 0.01520	903.8 ± 41.9	56.46	2.89	0.198 ± 0.008
13D08165	10.5 %	✓	0.0686172	1.297	97.3708	1.993	0.483455	7.673	39.7838	0.123	25.8391	0.432	0.32915 ± 0.01634	906.7 ± 45.0	50.59	2.64	0.175 ± 0.007
13D08166	11.2 %	✓	0.0783745	1.179	106.1202	1.790	0.505617	7.414	36.7797	0.132	26.8549	0.413	0.32445 ± 0.01804	893.8 ± 49.7	44.35	2.44	0.149 ± 0.005
13D08168	11.9 %	✓	0.0985357	0.996	125.6679	1.470	0.461355	8.250	35.2190	0.129	30.6843	0.361	0.32229 ± 0.01954	887.8 ± 53.8	36.90	2.34	0.120 ± 0.004
13D08169	12.8 %	✓	0.1224006	0.901	155.6842	1.294	0.475325	8.603	34.2614	0.136	35.1343	0.314	0.32465 ± 0.02222	894.3 ± 61.2	31.56	2.27	0.094 ± 0.002
13D08170	13.9 %		0.1783017	0.758	231.9862	0.990	0.559841	6.859	35.1651	0.131	45.0905	0.249	0.30087 ± 0.02590	828.8 ± 71.3	23.36	2.33	0.065 ± 0.001
13D08172	15.2 %		0.2159078	0.665	288.9231	0.871	0.531374	7.035	33.8621	0.138	50.8266	0.218	0.28634 ± 0.02867	788.8 ± 79.0	18.97	2.24	0.050 ± 0.001
13D08173	16.7 %		0.2420489	0.584	325.6285	0.810	0.540615	6.900	32.3992	0.142	55.5194	0.202	0.29536 ± 0.02992	813.7 ± 82.4	17.12	2.14	0.042 ± 0.001
13D08174	18.2 %		0.2764995	0.564	384.6785	0.744	0.484841	7.830	30.6079	0.147	60.0862	0.186	0.28144 ± 0.03471	775.3 ± 95.6	14.21	2.02	0.034 ± 0.001
13D08176	19.7 %		0.2833780	0.558	388.5933	0.728	0.460486	8.106	27.6108	0.162	60.6428	0.184	0.27005 ± 0.03887	744.0 ± 107.1	12.18	1.82	0.030 ± 0.000
13D08178	21.2 %		0.2709307	0.553	377.0988	0.742	0.393433	9.532	23.2816	0.190	56.9980	0.196	0.28357 ± 0.04422	781.2 ± 121.8	11.46	1.53	0.026 ± 0.000
		Σ	5.3858076	0.152	4471.8486	0.282	19.645934	1.213	1505.8798	0.021	1777.6501	0.039					

Information on Analysis and Constants Used in Calculations

Project = **BALBAS (13-19)**
Sample = **44A-ARGON-3**
Material = **Groundmass**
Location = **Floreana Island**
Region = **Galapagos**
Analyst = **Dan Miggins**
Irradiation = **13-OSU-05**
Position = **X: 0 | Y: 0 | Z/H: 68.6 mm**
FCT-3 Age = **28.201 ± 0.023 Ma**
FCT-3 Reference = **Kuiper (2008)**
FCT-3 40Ar/39Ar Ratio = **10.31481 ± 0.01619**
FCT-3 J-value = **0.00152377 ± 0.00000239**
Air Shot 40Ar/36Ar = **302.7380 ± 0.2785**
Air Shot MDF = **0.99401516 ± 0.00062118 (LIN)**
Experiment Type = **Incremental Heating**
Extraction Method = **Bulk Laser Heating**
Heating = **77 sec**
Isolation = **5.52 min**
Instrument = **ARGUS-VI-D**
Preferred Age = **Plateau Age**
Age Classification = **Eruption Age**
IGSN = **IEKK1-44A-AR-3A**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Basalt**
Lat-Lon = **1°16.4'S - 90°29.3'W**

Age Equations = **Min et al. (2000)**
Negative Intensities = **Allowed**
Collector Calibrations = **40Ar 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 (Ka)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau		0.33568 ± 0.00318 ± 0.95%	**924.7 ± 9.2 ± 1.00%**	1.32	64.81	0.157 ± 0.033
		Full External Error ± 22.8		16%	19	
		Analytical Error ± 8.8		1.67	2σ Confidence Limit	
				1.1501	Error Magnification	
Total Fusion Age		0.35425 ± 0.00361 ± 1.02%	**975.8 ± 10.4 ± 1.07%**		39	0.145 ± 0.001
		Full External Error ± 24.4				
		Analytical Error ± 9.9				
Normal Isochron	**285.79 ± 6.91 ± 2.42%**	0.33941 ± 0.00418 ± 1.23%	**935.0 ± 11.9 ± 1.27%**	0.88	64.81	
		Full External Error ± 24.2		60%	19	
		Analytical Error ± 11.5		1.69	2σ Confidence Limit	
				1.0000	Error Magnification	
				64	Number of Iterations	
				0.0000031625	Convergence	
Inverse Isochron	**285.42 ± 6.87 ± 2.41%**	0.34029 ± 0.00411 ± 1.21%	**937.4 ± 11.7 ± 1.25%**	0.92	64.81	
		Full External Error ± 24.2		54%	19	
		Analytical Error ± 11.3		1.69	2σ Confidence Limit	
				1.0000	Error Magnification	
Notes				3	Number of Iterations	
A plateau with low and high temp recoil effects.				0.0042575141	Convergence	
				49%	Spreading Factor	

Incremental Heating			36Ar(a) [fA]	37Ar(ca) [fA]	38Ar(cl) [fA]	39Ar(k) [fA]	40Ar(r) [fA]	Age ± 2σ (Ka)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
13D08126	1.8 %		1.5498404	24.2046	0.0351119	4.0456	11.62430	7900.1 ± 1966.2	2.48	0.27	0.072 ± 0.011
13D08128	2.0 %		0.5249297	18.2856	0.0383976	5.1257	9.24318	4962.1 ± 768.8	5.62	0.34	0.121 ± 0.024
13D08129	2.2 %		0.1893131	11.2331	0.0000000	4.7071	4.70952	2754.8 ± 504.5	7.76	0.31	0.180 ± 0.060
13D08130	2.4 %		0.1172505	18.2852	0.0354077	7.8038	5.11638	1805.7 ± 270.5	12.86	0.52	0.184 ± 0.036
13D08132	2.7 %		0.0826377	22.2473	0.0413259	12.6122	6.45552	1409.8 ± 152.0	20.88	0.84	0.244 ± 0.042
13D08133	3.0 %		0.0584443	38.0781	0.0093654	20.4384	9.48107	1277.8 ± 91.2	35.34	1.36	0.231 ± 0.023
13D08134	3.3 %		0.0423509	37.2691	0.0051417	23.5290	9.63147	1127.6 ± 74.7	43.31	1.57	0.271 ± 0.026
13D08136	3.6 %		0.0345711	49.5442	0.0392151	31.6886	12.05071	1047.6 ± 52.4	53.83	2.11	0.275 ± 0.020
13D08137	3.7 %		0.0266959	53.3347	0.0000000	33.6857	12.72961	1041.0 ± 49.5	61.36	2.24	0.272 ± 0.018
13D08138	3.9 %		0.0173993	38.1208	0.0000000	23.4946	8.57382	1005.3 ± 69.4	62.11	1.56	0.265 ± 0.024
13D08140	4.2 %		0.0194765	58.3803	0.0439380	36.0104	13.37533	1023.2 ± 46.6	69.42	2.40	0.265 ± 0.017
13D08141	4.5 %		0.0144761	51.4665	0.0003349	31.2237	11.34121	1000.6 ± 52.7	72.06	2.08	0.261 ± 0.018
13D08142	4.7 %		0.0182783	75.0792	0.0000000	46.8796	16.84581	989.9 ± 37.0	75.12	3.12	0.268 ± 0.014
13D08144	4.8 %		0.0212278	106.9388	0.0000000	66.0422	23.26798	970.5 ± 27.2	78.10	4.39	0.266 ± 0.009
13D08145	5.1 %	✓	0.0186915	98.8352	0.0000000	60.6791	21.06977	956.5 ± 28.5	78.55	4.04	0.264 ± 0.010
13D08146	5.4 %	✓	0.0160657	87.3442	0.0000000	56.5512	19.58821	954.2 ± 29.8	79.78	3.76	0.278 ± 0.012
13D08148	5.7 %	✓	0.0160116	86.2536	0.0000000	56.4052	19.08470	932.1 ± 29.7	79.41	3.75	0.281 ± 0.012
13D08149	5.9 %	✓	0.0171922	100.4496	0.0000000	62.6961	21.10299	927.2 ± 27.4	79.87	4.17	0.268 ± 0.011
13D08150	6.1 %	✓	0.0126988	83.2716	0.0000000	53.1415	18.23147	945.1 ± 32.0	82.17	3.54	0.274 ± 0.013
13D08152	6.5 %	✓	0.0169628	99.5291	0.0000000	64.1621	21.62914	928.6 ± 27.0	80.44	4.27	0.277 ± 0.011
13D08153	6.9 %	✓	0.0219821	117.4059	0.0000000	72.2964	24.50976	933.9 ± 25.1	78.35	4.81	0.265 ± 0.009
13D08154	7.1 %	✓	0.0195505	100.1482	0.0137337	63.7737	21.01777	907.9 ± 27.9	77.73	4.24	0.274 ± 0.010
13D08156	7.3 %	✓	0.0154556	80.4327	0.0288972	50.8184	17.04533	924.0 ± 32.4	78.17	3.38	0.272 ± 0.012
13D08157	7.8 %	✓	0.0203568	99.0345	0.0000000	58.8951	19.73031	922.9 ± 29.4	75.97	3.92	0.256 ± 0.010
13D08158	8.1 %	✓	0.0219347	93.1972	0.0000000	54.4963	18.01494	910.6 ± 30.8	72.92	3.63	0.251 ± 0.010
13D08160	8.3 %	✓	0.0184062	78.4695	0.0013863	44.3331	14.81680	920.7 ± 38.2	72.54	2.95	0.243 ± 0.012
13D08161	8.8 %	✓	0.0218000	81.0654	0.0350591	42.8801	14.29073	918.1 ± 39.6	68.39	2.85	0.227 ± 0.011
13D08162	9.3 %	✓	0.0301184	87.8625	0.0320999	43.7212	14.02637	883.8 ± 41.7	60.74	2.91	0.214 ± 0.010
13D08164	9.9 %	✓	0.0366159	94.3303	0.0160280	43.4287	14.24853	903.8 ± 41.9	56.46	2.89	0.198 ± 0.008
13D08165	10.5 %	✓	0.0426874	97.3708	0.0000000	39.7180	13.07314	906.7 ± 45.0	50.59	2.64	0.175 ± 0.007
13D08166	11.2 %	✓	0.0501002	106.1202	0.0470006	36.7080	11.90994	893.8 ± 49.7	44.35	2.44	0.149 ± 0.005
13D08168	11.9 %	✓	0.0650650	125.6679	0.0174729	35.1341	11.32331	887.8 ± 53.8	36.90	2.34	0.120 ± 0.004
13D08169	12.8 %	✓	0.0809302	155.6842	0.0380874	34.1562	11.08882	894.3 ± 61.2	31.56	2.27	0.094 ± 0.002
13D08170	13.9 %		0.1164928	231.9862	0.1002263	35.0083	10.53300	828.8 ± 71.3	23.36	2.33	0.065 ± 0.001
13D08172	15.2 %		0.1389430	288.9231	0.0796147	33.6669	9.64024	788.8 ± 79.0	18.97	2.24	0.050 ± 0.001
13D08173	16.7 %		0.1553029	325.6285	0.1010612	32.1792	9.50441	813.7 ± 82.4	17.12	2.14	0.042 ± 0.001
13D08174	18.2 %		0.1740412	384.6785	0.0595756	30.3481	8.54105	775.3 ± 95.6	14.21	2.02	0.034 ± 0.001
13D08176	19.7 %		0.1798740	388.5933	0.0699396	27.3483	7.38551	744.0 ± 107.1	12.18	1.82	0.030 ± 0.000
13D08178	21.2 %		0.1704915	377.0988	0.0574562	23.0269	6.52975	781.2 ± 121.8	11.46	1.53	0.026 ± 0.000
		Σ	4.1946625	4471.8486	0.9458771	1502.8587	532.38190				

Information on Analysis

Project = **BALBAS (13-19)**
Sample = **44A-ARGON-3**
Material = **Groundmass**
Location = **Floreana Island**
Region = **Galapagos**
Analyst = **Dan Miggins**
Irradiation = **13-OSU-05**
J = **0.00152377 ± 0.00000239**
FCT-3 = **28.201 ± 0.023 Ma**

Results	40(r)/39(k) ± 2σ		Age ± 2σ (Ka)		MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau	0.33568	± 0.00318	**924.7**	**± 9.2**	1.32	64.81	0.157 ± 0.033
		± 0.95%		**± 1.00%**	16%	19	
			Full External Error	± 22.8	1.67	2σ Confidence Limit	
			Analytical Error	± 8.8	1.1501	Error Magnification	
Total Fusion Age	0.35425	± 0.00361	**975.8**	**± 10.4**		39	0.145 ± 0.001
		± 1.02%		**± 1.07%**			
			Full External Error	± 24.4			
			Analytical Error	± 9.9			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
13D08126	1.8 %		2.61 ± 0.05	303.00 ± 1.91	0.3000
13D08128	2.0 %		9.76 ± 0.18	313.11 ± 2.88	0.4891
13D08129	2.2 %		24.86 ± 0.55	320.38 ± 4.90	0.6490
13D08130	2.4 %		66.56 ± 1.57	339.14 ± 7.41	0.8653
13D08132	2.7 %		152.62 ± 4.24	373.62 ± 10.42	0.9378
13D08133	3.0 %		349.71 ± 13.01	457.72 ± 17.34	0.9694
13D08134	3.3 %		555.57 ± 26.58	522.92 ± 25.49	0.9755
13D08136	3.6 %		916.62 ± 50.33	644.08 ± 35.89	0.9827
13D08137	3.7 %		1261.83 ± 89.97	772.34 ± 55.65	0.9880
13D08138	3.9 %		1350.32 ± 144.24	788.27 ± 85.10	0.9883
13D08140	4.2 %		1848.92 ± 182.26	982.24 ± 97.46	0.9928
13D08141	4.5 %		2156.90 ± 279.02	1078.94 ± 140.38	0.9938
13D08142	4.7 %		2564.76 ± 279.16	1217.13 ± 133.01	0.9956
13D08144	4.8 %		3111.12 ± 302.97	1391.61 ± 135.90	0.9969
13D08145	5.1 %	✓	3246.35 ± 344.26	1422.74 ± 151.31	0.9968
13D08146	5.4 %	✓	3520.01 ± 421.14	1514.76 ± 181.73	0.9970
13D08148	5.7 %	✓	3522.77 ± 420.95	1487.43 ± 178.26	0.9968
13D08149	5.9 %	✓	3646.77 ± 417.49	1522.97 ± 174.80	0.9972
13D08150	6.1 %	✓	4184.75 ± 639.85	1731.18 ± 265.25	0.9977
13D08152	6.5 %	✓	3782.52 ± 443.21	1570.60 ± 184.48	0.9973
13D08153	6.9 %	✓	3288.87 ± 312.75	1410.49 ± 134.48	0.9970
13D08154	7.1 %	✓	3262.00 ± 341.83	1370.55 ± 144.05	0.9967
13D08156	7.3 %	✓	3288.02 ± 398.26	1398.36 ± 169.96	0.9963
13D08157	7.8 %	✓	2893.14 ± 282.31	1264.72 ± 123.86	0.9959
13D08158	8.1 %	✓	2484.48 ± 216.92	1116.80 ± 98.00	0.9944
13D08160	8.3 %	✓	2408.60 ± 254.02	1100.49 ± 116.65	0.9944
13D08161	8.8 %	✓	1966.98 ± 175.63	951.04 ± 85.49	0.9926
13D08162	9.3 %	✓	1451.64 ± 101.75	761.21 ± 53.83	0.9901
13D08164	9.9 %	✓	1186.06 ± 68.18	684.64 ± 39.78	0.9876
13D08165	10.5 %	✓	930.44 ± 44.96	601.75 ± 29.50	0.9829
13D08166	11.2 %	✓	732.69 ± 30.90	533.22 ± 22.87	0.9792
13D08168	11.9 %	✓	539.98 ± 18.29	469.53 ± 16.22	0.9749
13D08169	12.8 %	✓	422.05 ± 12.86	432.52 ± 13.40	0.9751
13D08170	13.9 %		300.52 ± 7.71	385.92 ± 10.03	0.9761
13D08172	15.2 %		242.31 ± 5.58	364.88 ± 8.50	0.9750
13D08173	16.7 %		207.20 ± 4.27	356.70 ± 7.42	0.9712
13D08174	18.2 %		174.37 ± 3.53	344.57 ± 7.01	0.9725
13D08176	19.7 %		152.04 ± 3.01	336.56 ± 6.69	0.9691
13D08178	21.2 %		135.06 ± 2.71	333.80 ± 6.71	0.9625

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ka)	MSWD
Normal Isochron	**285.79 ± 6.91**	0.33941 ± 0.00418	**935.0 ± 11.9**	0.88
	± 2.42%	± 1.23%	**± 1.27%**	60%
			Full External Error ± 24.2	
			Analytical Error ± 11.5	

Statistics				
	2σ Confidence Limit	1.69	Convergence	0.000003162499
	Error Magnification	1.0000	Number of Iterations	64
	Number of Data Points	19	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
13D08126	1.8 %		0.0086149 ± 0.0001717	0.00330033 ± 0.00002082	0.0021
13D08128	2.0 %		0.0311858 ± 0.0004989	0.00319378 ± 0.00002933	0.0132
13D08129	2.2 %		0.0776089 ± 0.0013121	0.00312132 ± 0.00004772	0.0525
13D08130	2.4 %		0.1962531 ± 0.0023368	0.00294867 ± 0.00006443	0.1218
13D08132	2.7 %		0.4084945 ± 0.0040122	0.00267653 ± 0.00007468	0.1887
13D08133	3.0 %		0.7640120 ± 0.0071111	0.00218472 ± 0.00008275	0.1940
13D08134	3.3 %		1.0624411 ± 0.0114019	0.00191234 ± 0.00009323	0.1938
13D08136	3.6 %		1.4231551 ± 0.0146843	0.00155261 ± 0.00008651	0.1709
13D08137	3.7 %		1.6337837 ± 0.0181501	0.00129477 ± 0.00009329	0.1447
13D08138	3.9 %		1.7130177 ± 0.0282444	0.00126860 ± 0.00013696	0.1451
13D08140	4.2 %		1.8823435 ± 0.0222995	0.00101808 ± 0.00010101	0.1138
13D08141	4.5 %		1.9990938 ± 0.0289863	0.00092683 ± 0.00012059	0.1072
13D08142	4.7 %		2.1072287 ± 0.0214795	0.00082161 ± 0.00008978	0.0891
13D08144	4.8 %		2.2356278 ± 0.0172999	0.00071859 ± 0.00007018	0.0750
13D08145	5.1 %	✓	2.2817616 ± 0.0194793	0.00070287 ± 0.00007475	0.0762
13D08146	5.4 %	✓	2.3238042 ± 0.0217127	0.00066017 ± 0.00007920	0.0744
13D08148	5.7 %	✓	2.3683605 ± 0.0226940	0.00067230 ± 0.00008057	0.0765
13D08149	5.9 %	✓	2.3945084 ± 0.0207105	0.00065661 ± 0.00007536	0.0718
13D08150	6.1 %	✓	2.4172848 ± 0.0250073	0.00057764 ± 0.00008851	0.0647
13D08152	6.5 %	✓	2.4083378 ± 0.0205934	0.00063670 ± 0.00007478	0.0694
13D08153	6.9 %	✓	2.3317289 ± 0.0172196	0.00070898 ± 0.00006760	0.0730
13D08154	7.1 %	✓	2.3800647 ± 0.0202399	0.00072963 ± 0.00007669	0.0773
13D08156	7.3 %	✓	2.3513464 ± 0.0246102	0.00071513 ± 0.00008692	0.0828
13D08157	7.8 %	✓	2.2875638 ± 0.0201545	0.00079069 ± 0.00007744	0.0855
13D08158	8.1 %	✓	2.2246437 ± 0.0205808	0.00089542 ± 0.00007857	0.1002
13D08160	8.3 %	✓	2.1886596 ± 0.0244613	0.00090869 ± 0.00009632	0.1008
13D08161	8.8 %	✓	2.0682425 ± 0.0225723	0.00105148 ± 0.00009452	0.1162
13D08162	9.3 %	✓	1.9070267 ± 0.0189481	0.00131370 ± 0.00009290	0.1328
13D08164	9.9 %	✓	1.7324004 ± 0.0157728	0.00146063 ± 0.00008487	0.1466
13D08165	10.5 %	✓	1.5462153 ± 0.0139671	0.00166181 ± 0.00008148	0.1704
13D08166	11.2 %	✓	1.3740822 ± 0.0119706	0.00187539 ± 0.00008045	0.1844
13D08168	11.9 %	✓	1.1500511 ± 0.0088495	0.00212979 ± 0.00007356	0.1978
13D08169	12.8 %	✓	0.9757896 ± 0.0067076	0.00231205 ± 0.00007164	0.1866
13D08170	13.9 %		0.7787134 ± 0.0044044	0.00259123 ± 0.00006735	0.1702
13D08172	15.2 %		0.6640684 ± 0.0034422	0.00274061 ± 0.00006381	0.1583
13D08173	16.7 %		0.5808890 ± 0.0028854	0.00280348 ± 0.00005829	0.1593
13D08174	18.2 %		0.5060521 ± 0.0024106	0.00290213 ± 0.00005908	0.1429
13D08176	19.7 %		0.4517518 ± 0.0022297	0.00297124 ± 0.00005911	0.1381
13D08178	21.2 %		0.4046192 ± 0.0022273	0.00299581 ± 0.00006022	0.1393

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ka)	MSWD
Inverse Isochron	**285.42 ± 6.87**	0.34029 ± 0.00411	**937.4 ± 11.7**	0.92
	± 2.41%	± 1.21%	**± 1.25%**	54%
			Full External Error ± 24.2	
			Analytical Error ± 11.3	

Statistics				
	2σ Confidence Limit	1.69	Convergence	0.0042575141
	Error Magnification	1.0000	Number of Iterations	3
	Number of Data Points	19	Calculated Line	Weighted York-2
	Spreading Factor	49.1%		

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
13D08126	1.8 %		1.5498404	0.31	0.0000000	0.00	0.0064457	7.62	0.0000108	104.89	24.2046	7.62	0.2896652	0.31	0.0000000	0.00	0.048672	1.01	0.0017379	14.92	0.0351119	104.90	4.0456	1.00	0.0163526	7.74	11.62430	12.43	457.9778	0.31	0.0000000	0.00	0.0154662	2.84
13D08128	2.0 %		0.5249297	0.45	0.0000000	0.00	0.0048695	10.08	0.0000118	95.71	18.2856	10.08	0.0981094	0.45	0.0000000	0.00	0.061667	0.81	0.0013129	16.31	0.0383976	95.71	5.1257	0.80	0.0123538	10.16	9.24318	7.72	155.1167	0.45	0.0000000	0.00	0.0195956	2.78
13D08129	2.2 %		0.1893131	0.74	0.0000000	0.00	0.0029914	16.53	0.0000000	0.00	11.2331	16.53	0.0353826	0.74	0.0000000	0.00	0.056631	0.84	0.0008065	20.92	0.0000000	0.00	4.7071	0.82	0.0075891	16.58	4.70952	9.13	55.9420	0.74	0.0000000	0.00	0.0179952	2.78
13D08130	2.4 %		0.1172505	1.06	0.0000000	0.00	0.0048693	9.88	0.0000109	107.45	18.2852	9.88	0.0219141	1.06	0.0000000	0.00	0.093887	0.55	0.0013129	16.18	0.0354077	107.46	7.8038	0.52	0.0123535	9.97	5.11638	7.48	34.6475	1.06	0.0000000	0.00	0.0298339	2.71
13D08132	2.7 %		0.0826377	1.35	0.0000000	0.00	0.0059245	8.60	0.0000127	88.66	22.2473	8.59	0.0154450	1.35	0.0000000	0.00	0.151738	0.37	0.0015974	15.43	0.0413259	88.66	12.6122	0.33	0.0150303	8.70	6.45552	5.38	24.4194	1.35	0.0000000	0.00	0.0482166	2.68
13D08133	3.0 %		0.0584443	1.85	0.0000000	0.00	0.0101402	4.94	0.0000029	392.72	38.0781	4.93	0.0109232	1.85	0.0000000	0.00	0.245894	0.27	0.0027340	13.74	0.0093654	392.72	20.4384	0.21	0.0257256	5.11	9.48107	3.56	17.2703	1.85	0.0000000	0.00	0.0781359	2.67
13D08134	3.3 %		0.0423509	2.39	0.0000000	0.00	0.0099248	4.75	0.0000016	718.68	37.2691	4.75	0.0079154	2.39	0.0000000	0.00	0.283077	0.25	0.0026759	13.67	0.0051417	718.68	23.5290	0.19	0.0251790	4.93	9.63147	3.31	12.5147	2.39	0.0000000	0.00	0.0899514	2.67
13D08136	3.6 %		0.0345711	2.74	0.0000000	0.00	0.0131936	3.60	0.0000121	102.00	49.5442	3.60	0.0064613	2.74	0.0000000	0.00	0.381246	0.21	0.0035573	13.32	0.0392151	102.00	31.6886	0.14	0.0334720	3.84	12.05071	2.50	10.2158	2.74	0.0000000	0.00	0.1211457	2.66
13D08137	3.7 %		0.0266959	3.56	0.0000000	0.00	0.0142030	3.37	0.0000000	0.00	53.3347	3.37	0.0049895	3.56	0.0000000	0.00	0.405273	0.21	0.0038294	13.25	0.0000000	0.00	33.6857	0.14	0.0360329	3.62	12.72961	2.37	7.8886	3.56	0.0000000	0.00	0.1287806	2.66
13D08138	3.9 %		0.0173993	5.34	0.0000000	0.00	0.0101516	4.59	0.0000000	0.00	38.1208	4.59	0.0032519	5.34	0.0000000	0.00	0.282663	0.24	0.0027371	13.62	0.0000000	0.00	23.4946	0.18	0.0257544	4.77	8.57382	3.45	5.1415	5.34	0.0000000	0.00	0.0898197	2.67
13D08140	4.2 %		0.0194765	4.93	0.0000000	0.00	0.0155467	3.18	0.0000135	86.31	58.3803	3.17	0.0036402	4.93	0.0000000	0.00	0.433241	0.21	0.0041917	13.21	0.0439380	86.31	36.0104	0.13	0.0394418	3.44	13.37533	2.28	5.7553	4.93	0.0000000	0.00	0.1376678	2.66
13D08141	4.5 %		0.0144761	6.47	0.0000000	0.00	0.0137055	3.53	0.0000001	#######	51.4665	3.53	0.0027056	6.47	0.0000000	0.00	0.375652	0.21	0.0036953	13.30	0.0003349	#######	31.2237	0.14	0.0347708	3.77	11.34121	2.63	4.2777	6.47	0.0000000	0.00	0.1193681	2.66
13D08142	4.7 %		0.0182783	5.44	0.0000000	0.00	0.0199936	2.58	0.0000000	0.00	75.0792	2.57	0.0034162	5.44	0.0000000	0.00	0.564009	0.19	0.0053907	13.08	0.0000000	0.00	46.8796	0.11	0.0507235	2.89	16.84581	1.86	5.4012	5.44	0.0000000	0.00	0.1792208	2.66
13D08144	4.8 %		0.0212278	4.87	0.0000000	0.00	0.0284778	1.77	0.0000000	0.00	106.9388	1.77	0.0039675	4.87	0.0000000	0.00	0.794554	0.18	0.0076782	12.94	0.0000000	0.00	66.0422	0.09	0.0722479	2.20	23.26798	1.40	6.2728	4.87	0.0000000	0.00	0.2524795	2.66
13D08145	5.1 %	✓	0.0186915	5.30	0.0000000	0.00	0.0263198	1.92	0.0000000	0.00	98.8352	1.91	0.0034934	5.30	0.0000000	0.00	0.730031	0.19	0.0070964	12.96	0.0000000	0.00	60.6791	0.10	0.0667731	2.32	21.06977	1.49	5.5233	5.30	0.0000000	0.00	0.2319764	2.66
13D08146	5.4 %	✓	0.0160657	5.98	0.0000000	0.00	0.0232598	2.24	0.0000000	0.00	87.3442	2.24	0.0030027	5.98	0.0000000	0.00	0.680367	0.19	0.0062713	13.01	0.0000000	0.00	56.5512	0.10	0.0590097	2.60	19.58821	1.56	4.7474	5.98	0.0000000	0.00	0.2161952	2.66
13D08148	5.7 %	✓	0.0160116	5.97	0.0000000	0.00	0.0229693	2.08	0.0000000	0.00	86.2536	2.07	0.0029926	5.97	0.0000000	0.00	0.678611	0.19	0.0061930	12.99	0.0000000	0.00	56.4052	0.10	0.0582730	2.46	19.08470	1.59	4.7314	5.97	0.0000000	0.00	0.2156370	2.66
13D08149	5.9 %	✓	0.0171922	5.72	0.0000000	0.00	0.0267497	1.96	0.0000000	0.00	100.4496	1.96	0.0032132	5.72	0.0000000	0.00	0.754297	0.19	0.0072123	12.97	0.0000000	0.00	62.6961	0.09	0.0678637	2.36	21.10299	1.47	5.0803	5.72	0.0000000	0.00	0.2396872	2.66
13D08150	6.1 %	✓	0.0126988	7.64	0.0000000	0.00	0.0221752	2.34	0.0000000	0.00	83.2716	2.33	0.0023734	7.64	0.0000000	0.00	0.639346	0.19	0.0059789	13.03	0.0000000	0.00	53.1415	0.11	0.0562583	2.68	18.23147	1.69	3.7525	7.64	0.0000000	0.00	0.2031601	2.66
13D08152	6.5 %	✓	0.0169628	5.86	0.0000000	0.00	0.0265046	1.96	0.0000000	0.00	99.5291	1.96	0.0031703	5.86	0.0000000	0.00	0.771934	0.18	0.0071462	12.97	0.0000000	0.00	64.1621	0.09	0.0672418	2.36	21.62914	1.45	5.0125	5.86	0.0000000	0.00	0.2452916	2.66
13D08153	6.9 %	✓	0.0219821	4.75	0.0000000	0.00	0.0312652	1.68	0.0000000	0.00	117.4059	1.68	0.0041085	4.75	0.0000000	0.00	0.869798	0.18	0.0084297	12.93	0.0000000	0.00	72.2964	0.09	0.0793194	2.13	24.50976	1.34	6.4957	4.75	0.0000000	0.00	0.2763891	2.66
13D08154	7.1 %	✓	0.0195505	5.24	0.0000000	0.00	0.0266695	1.92	0.0000042	273.01	100.1482	1.91	0.0036540	5.24	0.0000000	0.00	0.767261	0.18	0.0071906	12.96	0.0137337	273.01	63.7737	0.09	0.0676601	2.32	21.01777	1.53	5.7772	5.24	0.0000000	0.00	0.2438067	2.66
13D08156	7.3 %	✓	0.0154556	6.06	0.0000000	0.00	0.0214192	2.24	0.0000089	131.45	80.4327	2.23	0.0028887	6.06	0.0000000	0.00	0.611396	0.19	0.0057751	13.01	0.0288972	131.45	50.8184	0.10	0.0543403	2.59	17.04533	1.75	4.5671	6.06	0.0000000	0.00	0.1942787	2.66
13D08157	7.8 %	✓	0.0203568	4.88	0.0000000	0.00	0.0263729	1.91	0.0000000	0.00	99.0345	1.90	0.0038047	4.88	0.0000000	0.00	0.708566	0.19	0.0071107	12.96	0.0000000	0.00	58.8951	0.10	0.0669077	2.32	19.73031	1.59	6.0154	4.88	0.0000000	0.00	0.2251558	2.66
13D08158	8.1 %	✓	0.0219347	4.36	0.0000000	0.00	0.0248184	1.96	0.0000000	0.00	93.1972	1.96	0.0040996	4.36	0.0000000	0.00	0.655645	0.19	0.0066916	12.97	0.0000000	0.00	54.4963	0.10	0.0629641	2.36	18.01494	1.69	6.4817	4.36	0.0000000	0.00	0.2083394	2.66
13D08160	8.3 %	✓	0.0184062	5.27	0.0000000	0.00	0.0208964	2.41	0.0000004	######	78.4695	2.41	0.0034401	5.27	0.0000000	0.00	0.533372	0.20	0.0056341	13.04	0.0013863	#######	44.3331	0.12	0.0530140	2.74	14.81680	2.07	5.4390	5.27	0.0000000	0.00	0.1694854	2.66
13D08161	8.8 %	✓	0.0218000	4.46	0.0000000	0.00	0.0215877	2.34	0.0000108	109.93	81.0654	2.33	0.0040744	4.46	0.0000000	0.00	0.515890	0.20	0.0058205	13.03	0.0350591	109.93	42.8801	0.11	0.0547678	2.68	14.29073	2.16	6.4419	4.46	0.0000000	0.00	0.1639305	2.66
13D08162	9.3 %	✓	0.0301184	3.50	0.0000000	0.00	0.0233978	2.25	0.0000099	117.17	87.8625	2.24	0.0056291	3.50	0.0000000	0.00	0.526009	0.20	0.0063085	13.01	0.0320999	117.17	43.7212	0.12	0.0593599	2.60	14.02637	2.36	8.9000	3.50	0.0000000	0.00	0.1671460	2.66
13D08164	9.9 %	✓	0.0366159	2.87	0.0000000	0.00	0.0251202	2.08	0.0000049	237.50	94.3303	2.08	0.0068435	2.87	0.0000000	0.00	0.522491	0.20	0.0067729	12.99	0.0160280	237.50	43.4287	0.12	0.0637296	2.46	14.24853	2.31	10.8200	2.87	0.0000000	0.00	0.1660280	2.66
13D08165	10.5 %	✓	0.0426874	2.41	0.0000000	0.00	0.0259298	2.00	0.0000000	0.00	97.3708	1.99	0.0079783	2.41	0.0000000	0.00	0.477848	0.20	0.0069912	12.97	0.0000000	0.00	39.7180	0.12	0.0657837	2.39	13.07314	2.48	12.6141	2.41	0.0000000	0.00	0.1518420	2.66
13D08166	11.2 %	✓	0.0501002	2.10	0.0000000	0.00	0.0282598	1.80	0.0000145	79.82	106.1202	1.79	0.0093637	2.10	0.0000000	0.00	0.441634	0.21	0.0076194	12.94	0.0470066	79.82	36.7080	0.13	0.0716948	2.22	11.90994	2.78	14.8046	2.10	0.0000000	0.00	0.1403346	2.66
13D08168	11.9 %	✓	0.0650650	1.69	0.0000000	0.00	0.0334654	1.48	0.0000054	218.01	125.6679	1.47	0.0121606	1.69	0.0000000	0.00	0.422698	0.21	0.0090230	12.90	0.0174729	218.01	35.1341	0.13	0.0849012	1.98	11.32331	3.03	19.2267	1.69	0.0000000	0.00	0.1343176	2.66
13D08169	12.8 %	✓	0.0809302	1.52	0.0000000	0.00	0.0414587	1.30	0.0000118	107.47	155.6842	1.29	0.0151259	1.52	0.0000000	0.00	0.410934	0.21	0.0111781	12.89	0.0380874	107.47	34.1562	0.14	0.1051803	1.85	11.08882	3.42	23.9149	1.52	0.0000000	0.00	0.1305793	2.66
13D08170	13.9 %		0.1164928	1.28	0.0000000	0.00	0.0617779	1.00	0.0000309	38.39	231.9862	0.99	0.0217725	1.28	0.0000000	0.00	0.421185	0.21	0.0166566	12.86	0.1002263	38.41	35.0083	0.13	0.1567299	1.65	10.53300	4.30	34.4236	1.28	0.0000000	0.00	0.1338368	2.66
13D08172	15.2 %		0.1389430	1.14	0.0000000	0.00	0.0769402	0.88	0.0000246	47.10	288.9231	0.87	0.0259685	1.14	0.0000000	0.00	0.405046	0.21	0.0207447	12.85	0.0796147	47.11	33.6669	0.14	0.1951964	1.58	9.64024	5.00	41.0577	1.14	0.0000000	0.00	0.1287085	2.66
13D08173	16.7 %		0.1553029	1.02	0.0000000	0.00	0.0867149	0.82	0.0000312	37.05	325.6285	0.81	0.0290261	1.02	0.0000000	0.00	0.387148	0.21	0.0233801	12.85	0.1010612	37.07	32.1792	0.14	0.2199946	1.55	9.50441	5.06	45.8920	1.02	0.0000000	0.00	0.1230210	2.66
13D08174	18.2 %		0.1740412	1.00	0.0000000	0.00	0.1024399	0.76	0.0000184	64.03	384.6785	0.74	0.0325283	1.00	0.0000000	0.00	0.365117	0.22	0.0276199	12.84	0.0595756	64.03	30.3481	0.15	0.2598888	1.52	8.54105	6.17	51.4292	1.00	0.0000000	0.00	0.1160206	2.66
13D08176	19.7 %		0.1798740	0.98	0.0000000	0.00	0.1034824	0.74	0.0000216	53.64	388.5933	0.73	0.0336185	0.98	0.0000000	0.00	0.329027	0.23	0.0279010	12.84	0.0699396	53.65	27.3483	0.16	0.2625336	1.51	7.38551	7.19	53.1528	0.98	0.0000000	0.00	0.1045525	2.67
13D08178	21.2 %		0.1704915	0.99	0.0000000	0.00	0.1004214	0.76	0.0000177	65.57	377.0988	0.74	0.0318649	0.99	0.0000000	0.00	0.277036	0.25	0.0270757	12.84	0.0574562	65.58	23.0269	0.19	0.2547679	1.51	6.52975	7.80	50.3802	0.99	0.0000000	0.00	0.0880317	2.67
		Σ	4.1946625	0.21	0.0000000	0.00	1.1908533	0.28	0.0002918	19.64	4471.8486	0.28	0.7839824	0.21	0.0000000	0.00	18.080893	0.04	0.3210787	2.75	0.9458771	19.64	1502.8587	0.02	3.0211809	0.40	532.38190	0.51	1239.5228	0.21	0.0000000	0.00	5.7454287	0.47
		Σ							5.3858076	0.18	4471.8486	0.28									20.131831	0.92			1505.8798	0.02							1777.6501	0.21

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
13D08126	1.8 %		115.614685	1.146941	5.958914	0.458106	0.383143	0.003983	189.675	42.475549	1.00134013	2.254E-11
13D08128	2.0 %		31.992555	0.255186	3.558866	0.359770	0.103115	0.000937	189.692	42.490117	1.00134025	7.890E-12
13D08129	2.2 %		12.868201	0.108554	2.382568	0.394328	0.040788	0.000436	189.701	42.497694	1.00134031	2.912E-12
13D08130	2.4 %		5.091225	0.030257	2.339415	0.231394	0.015625	0.000167	189.710	42.504690	1.00134037	1.910E-12
13D08132	2.7 %		2.448918	0.012007	1.761845	0.151537	0.007015	0.000082	189.727	42.519268	1.00134049	1.484E-12
13D08133	3.0 %		1.311053	0.006084	1.860730	0.091897	0.003352	0.000047	189.735	42.526267	1.00134055	1.288E-12
13D08134	3.3 %		0.944041	0.005046	1.582270	0.075140	0.002219	0.000038	189.744	42.533851	1.00134062	1.067E-12
13D08136	3.6 %		0.705742	0.003621	1.561818	0.056289	0.001506	0.000026	189.762	42.548439	1.00134074	1.075E-12
13D08137	3.7 %		0.615241	0.003396	1.581610	0.053284	0.001213	0.000024	189.770	42.555443	1.00134080	9.959E-13
13D08138	3.9 %		0.586945	0.004807	1.620760	0.074400	0.001171	0.000034	189.778	42.562448	1.00134086	6.626E-13
13D08140	4.2 %		0.534490	0.003143	1.619433	0.051453	0.000972	0.000023	189.796	42.577046	1.00134098	9.249E-13
13D08141	4.5 %		0.503489	0.003622	1.646482	0.058151	0.000902	0.000026	189.805	42.584639	1.00134104	7.554E-13
13D08142	4.7 %		0.477863	0.002415	1.599801	0.041202	0.000816	0.000018	189.813	42.591649	1.00134110	1.076E-12
13D08144	4.8 %		0.450632	0.001726	1.617480	0.028591	0.000752	0.000014	189.831	42.606257	1.00134123	1.430E-12
13D08145	5.1 %	✓	0.441595	0.001867	1.627026	0.031160	0.000741	0.000014	189.839	42.613270	1.00134128	1.288E-12
13D08146	5.4 %	✓	0.433699	0.002006	1.542905	0.034594	0.000695	0.000014	189.848	42.620870	1.00134135	1.178E-12
13D08148	5.7 %	✓	0.425616	0.002019	1.527601	0.031679	0.000690	0.000015	189.865	42.635488	1.00134147	1.154E-12
13D08149	5.9 %	✓	0.420990	0.001802	1.600434	0.031374	0.000700	0.000013	189.874	42.642506	1.00134153	1.268E-12
13D08150	6.1 %	✓	0.417069	0.002136	1.565321	0.036531	0.000656	0.000015	189.883	42.650111	1.00134159	1.065E-12
13D08152	6.5 %	✓	0.418608	0.001771	1.549589	0.030368	0.000677	0.000013	189.899	42.664153	1.00134171	1.291E-12
13D08153	6.9 %	✓	0.432215	0.001579	1.622173	0.027241	0.000736	0.000012	189.908	42.671762	1.00134177	1.502E-12
13D08154	7.1 %	✓	0.423530	0.001782	1.568705	0.030027	0.000724	0.000014	189.917	42.678786	1.00134183	1.298E-12
13D08156	7.3 %	✓	0.428653	0.002222	1.581057	0.035352	0.000725	0.000016	189.934	42.693424	1.00134196	1.047E-12
13D08157	7.8 %	✓	0.440469	0.001922	1.679634	0.032016	0.000793	0.000015	189.942	42.700452	1.00134201	1.247E-12
13D08158	8.1 %	✓	0.452810	0.002075	1.708183	0.033469	0.000857	0.000015	189.951	42.708067	1.00134208	1.186E-12
13D08160	8.3 %	✓	0.460173	0.002549	1.767884	0.042584	0.000885	0.000019	189.969	42.722714	1.00134220	9.804E-13
13D08161	8.8 %	✓	0.486704	0.002634	1.888102	0.044083	0.001011	0.000019	189.977	42.729747	1.00134226	1.003E-12
13D08162	9.3 %	✓	0.527483	0.002600	2.006884	0.045017	0.001223	0.000021	189.986	42.737367	1.00134232	1.108E-12
13D08164	9.9 %	✓	0.580205	0.002623	2.168890	0.045159	0.001420	0.000021	190.003	42.751439	1.00134244	1.211E-12
13D08165	10.5 %	✓	0.649488	0.002915	2.447499	0.048878	0.001725	0.000022	190.012	42.759063	1.00134251	1.240E-12
13D08166	11.2 %	✓	0.730155	0.003163	2.885296	0.051777	0.002131	0.000025	190.020	42.766101	1.00134256	1.289E-12
13D08168	11.9 %	✓	0.871244	0.003336	3.568186	0.052636	0.002798	0.000028	190.037	42.780769	1.00134269	1.473E-12
13D08169	12.8 %	✓	1.025476	0.003510	4.544010	0.059123	0.003573	0.000033	190.047	42.788398	1.00134275	1.686E-12
13D08170	13.9 %		1.282252	0.003612	6.597067	0.065882	0.005070	0.000039	190.055	42.795442	1.00134281	2.164E-12
13D08172	15.2 %		1.500989	0.003873	8.532350	0.075214	0.006376	0.000043	190.072	42.810120	1.00134293	2.440E-12
13D08173	16.7 %		1.713607	0.004235	10.050523	0.082619	0.007471	0.000045	190.081	42.817167	1.00134299	2.665E-12
13D08174	18.2 %		1.963093	0.004647	12.567931	0.095350	0.009034	0.000053	190.090	42.824803	1.00134306	2.884E-12
13D08176	19.7 %		2.196344	0.005382	14.073952	0.104963	0.010263	0.000060	190.107	42.839490	1.00134318	2.911E-12
13D08178	21.2 %		2.448196	0.006684	16.197260	0.124040	0.011637	0.000068	190.124	42.853596	1.00134330	2.736E-12

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
13D08126	1.8 %	0.0166575 ± 0.0005615	0.0191854 ± 0.0296643	0.0347837 ± 0.0263327	0.0147801 ± 0.0305771	4.7535162 ± 0.1070877
13D08128	2.0 %	0.0169526 ± 0.0005615	0.0436019 ± 0.0296643	0.0298350 ± 0.0263327	0.0411825 ± 0.0305771	4.8753386 ± 0.1070877
13D08129	2.2 %	0.0170895 ± 0.0005615	0.0524234 ± 0.0296643	0.0281043 ± 0.0263327	0.0516650 ± 0.0305771	4.9297455 ± 0.1070877
13D08130	2.4 %	0.0172054 ± 0.0005615	0.0585066 ± 0.0296643	0.0269429 ± 0.0263327	0.0595876 ± 0.0305771	4.9747444 ± 0.1070877
13D08132	2.7 %	0.0174137 ± 0.0005615	0.0656808 ± 0.0296643	0.0256503 ± 0.0263327	0.0713216 ± 0.0305771	5.0530444 ± 0.1070877
13D08133	3.0 %	0.0174975 ± 0.0005615	0.0668642 ± 0.0296643	0.0254745 ± 0.0263327	0.0749478 ± 0.0305771	5.0835287 ± 0.1070877
13D08134	3.3 %	0.0175763 ± 0.0005615	0.0667597 ± 0.0296643	0.0255421 ± 0.0263327	0.0776093 ± 0.0305771	5.1115971 ± 0.1070877
13D08136	3.6 %	0.0176925 ± 0.0005615	0.0632330 ± 0.0296643	0.0262448 ± 0.0263327	0.0795746 ± 0.0305771	5.1518088 ± 0.1070877
13D08137	3.7 %	0.0177317 ± 0.0005615	0.0603044 ± 0.0296643	0.0267712 ± 0.0263327	0.0792867 ± 0.0305771	5.1650209 ± 0.1070877
13D08138	3.9 %	0.0177604 ± 0.0005615	0.0567630 ± 0.0296643	0.0273742 ± 0.0263327	0.0783449 ± 0.0305771	5.1745064 ± 0.1070877
13D08140	4.2 %	0.0177865 ± 0.0005615	0.0479714 ± 0.0296643	0.0287434 ± 0.0263327	0.0747107 ± 0.0305771	5.1830328 ± 0.1070877
13D08141	4.5 %	0.0177826 ± 0.0005615	0.0429230 ± 0.0296643	0.0294502 ± 0.0263327	0.0721449 ± 0.0305771	5.1818744 ± 0.1070877
13D08142	4.7 %	0.0177686 ± 0.0005615	0.0381281 ± 0.0296643	0.0300636 ± 0.0263327	0.0694877 ± 0.0305771	5.1776616 ± 0.1070877
13D08144	4.8 %	0.0177090 ± 0.0005615	0.0281450 ± 0.0296643	0.0311269 ± 0.0263327	0.0633990 ± 0.0305771	5.1599886 ± 0.1070877
13D08145	5.1 %	0.0176663 ± 0.0005615	0.0235339 ± 0.0296643	0.0314958 ± 0.0263327	0.0603554 ± 0.0305771	5.1476168 ± 0.1070877
13D08146	5.4 %	0.0176105 ± 0.0005615	0.0187881 ± 0.0296643	0.0317675 ± 0.0263327	0.0570667 ± 0.0305771	5.1316575 ± 0.1070877
13D08148	5.7 %	0.0174768 ± 0.0005615	0.0106775 ± 0.0296643	0.0318612 ± 0.0263327	0.0510116 ± 0.0305771	5.0943598 ± 0.1070877
13D08149	5.9 %	0.0174015 ± 0.0005615	0.0073719 ± 0.0296643	0.0316862 ± 0.0263327	0.0483308 ± 0.0305771	5.0737809 ± 0.1070877
13D08150	6.1 %	0.0173125 ± 0.0005615	0.0042874 ± 0.0296643	0.0313258 ± 0.0263327	0.0456536 ± 0.0305771	5.0498349 ± 0.1070877
13D08152	6.5 %	0.0171307 ± 0.0005615	0.0000779 ± 0.0296643	0.0301821 ± 0.0263327	0.0414623 ± 0.0305771	5.0019501 ± 0.1070877
13D08153	6.9 %	0.0170242 ± 0.0005615	0.0013504 ± 0.0296643	0.0293036 ± 0.0263327	0.0396553 ± 0.0305771	4.9744914 ± 0.1070877
13D08154	7.1 %	0.0169219 ± 0.0005615	0.0021227 ± 0.0296643	0.0283353 ± 0.0263327	0.0383007 ± 0.0305771	4.9484884 ± 0.1070877
13D08156	7.3 %	0.0166998 ± 0.0005615	0.0020538 ± 0.0296643	0.0258611 ± 0.0263327	0.0364856 ± 0.0305771	4.8932284 ± 0.1070877
13D08157	7.8 %	0.0165906 ± 0.0005615	0.0012394 ± 0.0296643	0.0244735 ± 0.0263327	0.0361021 ± 0.0305771	4.8666294 ± 0.1070877
13D08158	8.1 %	0.0164718 ± 0.0005615	0.0001812 ± 0.0296643	0.0228428 ± 0.0263327	0.0360362 ± 0.0305771	4.8380988 ± 0.1070877
13D08160	8.3 %	0.0162458 ± 0.0005615	0.0043329 ± 0.0296643	0.0194057 ± 0.0263327	0.0368705 ± 0.0305771	4.7850763 ± 0.1070877
13D08161	8.8 %	0.0161406 ± 0.0005615	0.0068962 ± 0.0296643	0.0176546 ± 0.0263327	0.0376771 ± 0.0305771	4.7609665 ± 0.1070877
13D08162	9.3 %	0.0160307 ± 0.0005615	0.0100064 ± 0.0296643	0.0157169 ± 0.0263327	0.0388054 ± 0.0305771	4.7361853 ± 0.1070877
13D08164	9.9 %	0.0158431 ± 0.0005615	0.0163837 ± 0.0296643	0.0121322 ± 0.0263327	0.0414352 ± 0.0305771	4.6950600 ± 0.1070877
13D08165	10.5 %	0.0157526 ± 0.0005615	0.0200068 ± 0.0296643	0.0102507 ± 0.0263327	0.0430575 ± 0.0305771	4.6758325 ± 0.1070877
13D08166	11.2 %	0.0156775 ± 0.0005615	0.0233349 ± 0.0296643	0.0085946 ± 0.0263327	0.0446085 ± 0.0305771	4.6603225 ± 0.1070877
13D08168	11.9 %	0.0155530 ± 0.0005615	0.0297834 ± 0.0296643	0.0055449 ± 0.0263327	0.0477472 ± 0.0305771	4.6359893 ± 0.1070877
13D08169	12.8 %	0.0155083 ± 0.0005615	0.0326208 ± 0.0296643	0.0042606 ± 0.0263327	0.0491759 ± 0.0305771	4.6281809 ± 0.1070877
13D08170	13.9 %	0.0154812 ± 0.0005615	0.0347564 ± 0.0296643	0.0033156 ± 0.0263327	0.0502676 ± 0.0305771	4.6242744 ± 0.1070877
13D08172	15.2 %	0.0154746 ± 0.0005615	0.0371352 ± 0.0296643	0.0022814 ± 0.0263327	0.0514849 ± 0.0305771	4.6274395 ± 0.1070877
13D08173	16.7 %	0.0154984 ± 0.0005615	0.0369899 ± 0.0296643	0.0023301 ± 0.0263327	0.0513793 ± 0.0305771	4.6349205 ± 0.1070877
13D08174	18.2 %	0.0155463 ± 0.0005615	0.0356554 ± 0.0296643	0.0028585 ± 0.0263327	0.0506129 ± 0.0305771	4.6477942 ± 0.1070877
13D08176	19.7 %	0.0157101 ± 0.0005615	0.0289065 ± 0.0296643	0.0055051 ± 0.0263327	0.0467644 ± 0.0305771	4.6876959 ± 0.1070877
13D08178	21.2 %	0.0159675 ± 0.0005615	0.0160273 ± 0.0296643	0.0104567 ± 0.0263327	0.0393530 ± 0.0305771	4.7466236 ± 0.1070877

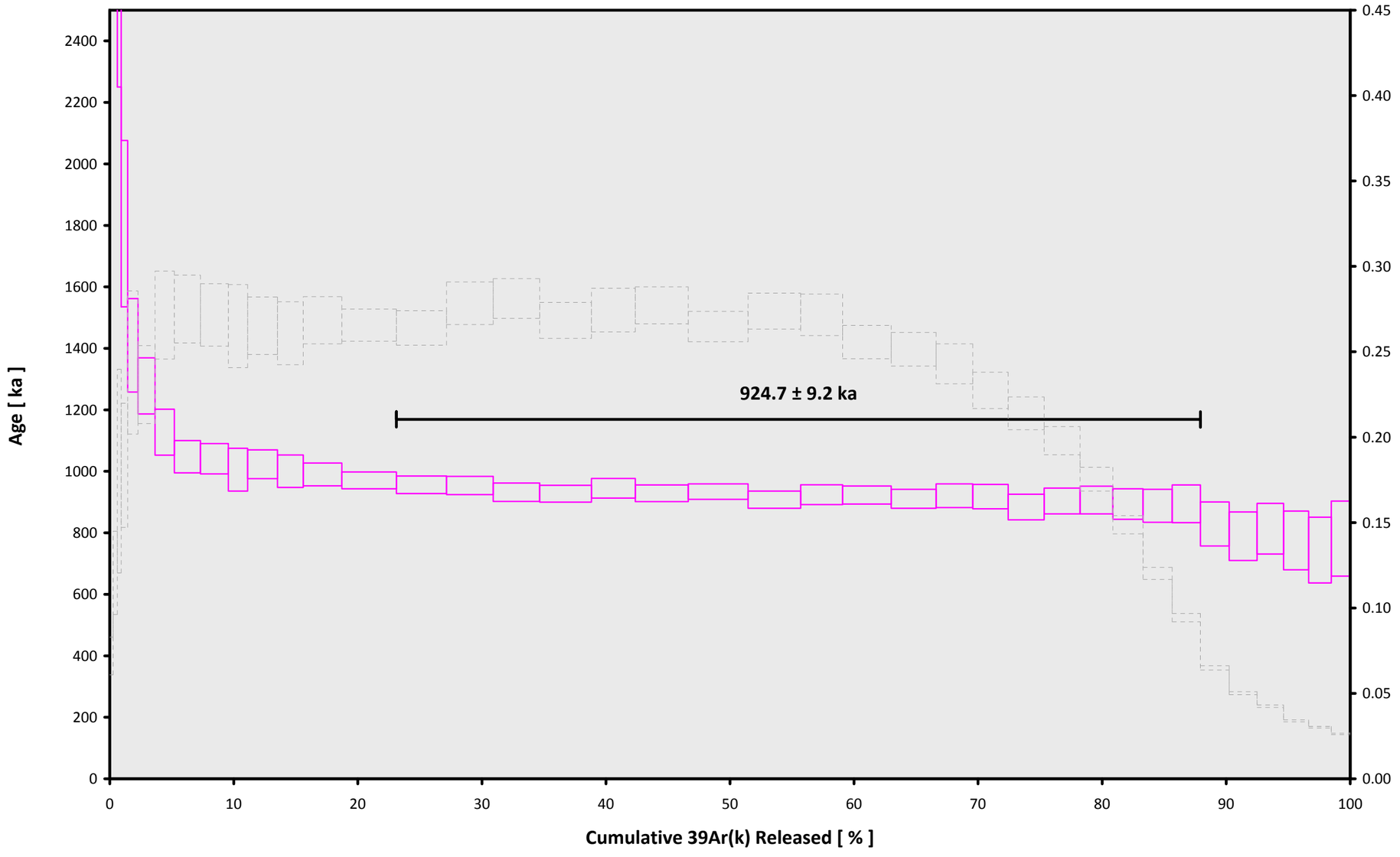
Intercept Values		36Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	37Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	38Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	39Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	40Ar ± 1σ (SE) [fA]	r2	Regression (type,n)
13D08126	1.8 %	1.5161677 ± 0.0026411	0.9424	EXP 150 of 150	0.5788177 ± 0.0304974	0.0098	EXP 150 of 150	0.3359134 ± 0.0250828	0.0061	EXP 150 of 150	4.047033 ± 0.025647	0.3514	EXP 150 of 150	475.327140 ± 0.054496	0.9996	EXP 150 of 150
13D08128	2.0 %	0.5274317 ± 0.0017452	0.7801	EXP 150 of 150	0.4662371 ± 0.0304694	0.0010	EXP 150 of 150	0.1672648 ± 0.0249827	0.0003	EXP 150 of 150	5.141710 ± 0.026409	0.5648	EXP 150 of 150	169.589476 ± 0.041374	0.9973	EXP 150 of 150
13D08129	2.2 %	0.2023770 ± 0.0010331	0.4506	EXP 150 of 150	0.3120062 ± 0.0309686	0.0001	EXP 150 of 150	0.0487888 ± 0.0293630	0.0199	EXP 150 of 150	4.731916 ± 0.023260	0.6379	EXP 150 of 150	65.722785 ± 0.032722	0.9462	EXP 150 of 150
13D08130	2.4 %	0.1348797 ± 0.0008960	0.2617	EXP 150 of 150	0.4809864 ± 0.0292507	0.0206	EXP 150 of 150	0.1237538 ± 0.0268144	0.0048	EXP 150 of 150	7.818639 ± 0.026299	0.7389	EXP 150 of 150	44.849480 ± 0.033356	0.0430	EXP 150 of 150
13D08132	2.7 %	0.1027566 ± 0.0007407	0.0385	EXP 149 of 150	0.5795289 ± 0.0325862	0.0060	EXP 150 of 150	0.1819414 ± 0.0248239	0.0013	EXP 150 of 150	12.606370 ± 0.027499	0.8994	EXP 150 of 150	36.039166 ± 0.030073	0.6806	EXP 150 of 150
13D08133	3.0 %	0.0835823 ± 0.0007120	0.0099	EXP 150 of 150	0.9462143 ± 0.0312666	0.0733	EXP 150 of 150	0.2402238 ± 0.0250257	0.0122	EXP 149 of 150	20.389570 ± 0.027927	0.9553	EXP 150 of 150	31.967652 ± 0.028519	0.8568	EXP 150 of 150
13D08134	3.3 %	0.0679460 ± 0.0006398	0.0007	EXP 150 of 150	0.9272720 ± 0.0276307	0.0438	EXP 150 of 150	0.2696923 ± 0.0252712	0.0016	EXP 150 of 150	23.459745 ± 0.027031	0.9704	EXP 150 of 150	27.392984 ± 0.031760	0.8925	EXP 150 of 150
13D08136	3.6 %	0.0637260 ± 0.0005430	0.0119	EXP 150 of 150	1.2067754 ± 0.0278145	0.0215	EXP 150 of 150	0.3990832 ± 0.0294425	0.0344	EXP 150 of 150	31.569987 ± 0.026710	0.9836	EXP 150 of 150	27.585004 ± 0.027341	0.9203	EXP 150 of 150
13D08137	3.7 %	0.0571383 ± 0.0005492	0.0452	EXP 150 of 150	1.2911337 ± 0.0280642	0.0315	EXP 150 of 150	0.3371314 ± 0.0258890	0.0000	EXP 150 of 150	33.554744 ± 0.027370	0.9843	EXP 150 of 150	25.954273 ± 0.029671	0.9151	EXP 150 of 150
13D08138	3.9 %	0.0443060 ± 0.0005286	0.0394	EXP 150 of 150	0.9363495 ± 0.0268824	0.0439	EXP 150 of 150	0.2507783 ± 0.0284993	0.0121	EXP 150 of 150	23.426866 ± 0.026402	0.9709	EXP 150 of 150	19.007739 ± 0.026878	0.9626	EXP 150 of 150
13D08140	4.2 %	0.0515448 ± 0.0005527	0.0854	EXP 150 of 150	1.3945581 ± 0.0298126	0.0896	EXP 150 of 150	0.4504634 ± 0.0266200	0.0865	EXP 150 of 150	35.861246 ± 0.026130	0.9883	EXP 150 of 150	24.490557 ± 0.028334	0.9303	EXP 150 of 150
13D08141	4.5 %	0.0449361 ± 0.0005252	0.1096	EXP 150 of 150	1.2298246 ± 0.0287898	0.0676	EXP 150 of 150	0.3483613 ± 0.0281313	0.0090	EXP 150 of 150	31.102258 ± 0.024844	0.9858	EXP 150 of 150	20.952194 ± 0.030081	0.9468	EXP 150 of 150
13D08142	4.7 %	0.0546441 ± 0.0005896	0.0686	EXP 150 of 150	1.7692934 ± 0.0317397	0.0793	EXP 150 of 150	0.5191524 ± 0.0248547	0.0189	EXP 150 of 150	46.657036 ± 0.027250	0.9924	EXP 150 of 150	27.649591 ± 0.028960	0.9041	EXP 150 of 150
13D08144	4.8 %	0.0656009 ± 0.0006520	0.0211	EXP 150 of 150	2.4930789 ± 0.0285819	0.1497	EXP 150 of 150	0.7128159 ± 0.0261477	0.0323	EXP 150 of 150	65.694939 ± 0.028332	0.9958	EXP 150 of 150	35.013921 ± 0.030126	0.6749	EXP 150 of 150
13D08145	5.1 %	0.0610353 ± 0.0005894	0.0186	EXP 150 of 150	2.3013043 ± 0.0291581	0.1573	EXP 150 of 150	0.6587287 ± 0.0280354	0.0163	EXP 150 of 150	60.362533 ± 0.031247	0.9939	EXP 150 of 150	32.027313 ± 0.027929	0.8388	EXP 149 of 150
13D08146	5.4 %	0.0555009 ± 0.0005287	0.0994	EXP 150 of 150	2.0313761 ± 0.0319547	0.0793	EXP 150 of 150	0.6178042 ± 0.0269563	0.0099	EXP 150 of 150	56.253748 ± 0.030466	0.9933	EXP 150 of 150	29.733446 ± 0.029893	0.8593	EXP 150 of 150
13D08148	5.7 %	0.0550354 ± 0.0005601	0.0323	EXP 150 of 150	1.9974560 ± 0.0261873	0.1614	EXP 150 of 150	0.6268584 ± 0.0296751	0.0317	EXP 150 of 150	56.101999 ± 0.031002	0.9931	EXP 150 of 150	29.175048 ± 0.031708	0.8570	EXP 149 of 150
13D08149	5.9 %	0.0597401 ± 0.0005620	0.0084	EXP 150 of 150	2.3207611 ± 0.0316001	0.2449	EXP 150 of 150	0.6898114 ± 0.0292743	0.0159	EXP 150 of 150	62.353817 ± 0.031623	0.9942	EXP 150 of 150	31.550551 ± 0.027430	0.8363	EXP 150 of 150
13D08150	6.1 %	0.0509141 ± 0.0005505	0.1096	EXP 150 of 150	1.9217202 ± 0.0316109	0.1545	EXP 150 of 150	0.5597839 ± 0.0310590	0.0081	EXP 150 of 150	52.854832 ± 0.033044	0.9914	EXP 150 of 150	27.282139 ± 0.030717	0.8860	EXP 150 of 150
13D08152	6.5 %	0.0590120 ± 0.0005819	0.0815	EXP 150 of 150	2.2911038 ± 0.0310064	0.1081	EXP 150 of 150	0.6784747 ± 0.0267107	0.0176	EXP 150 of 150	63.801565 ± 0.031041	0.9946	EXP 150 of 150	31.943617 ± 0.030081	0.8008	EXP 149 of 150
13D08153	6.9 %	0.0683286 ± 0.0006513	0.0085	EXP 150 of 150	2.7006951 ± 0.0306054	0.2175	EXP 150 of 150	0.8064922 ± 0.0289941	0.0073	EXP 150 of 150	71.886629 ± 0.033043	0.9953	EXP 150 of 150	36.320044 ± 0.029692	0.4936	EXP 150 of 150
13D08154	7.1 %	0.0614595 ± 0.0006346	0.0030	EXP 150 of 150	2.3023649 ± 0.0298249	0.1052	EXP 150 of 150	0.7540277 ± 0.0259803	0.0586	EXP 150 of 150	63.413250 ± 0.026492	0.9961	EXP 150 of 150	32.042271 ± 0.030778	0.7679	EXP 150 of 150
13D08156	7.3 %	0.0522378 ± 0.0005255	0.0611	EXP 150 of 150	1.8481296 ± 0.0267773	0.1423	EXP 149 of 150	0.6153296 ± 0.0266903	0.0567	EXP 150 of 150	50.537577 ± 0.026864	0.9935	EXP 150 of 150	26.744368 ± 0.029346	0.8810	EXP 150 of 150
13D08157	7.8 %	0.0616153 ± 0.0005930	0.0034	EXP 150 of 150	2.2764654 ± 0.0288409	0.1193	EXP 150 of 150	0.6666728 ± 0.0281472	0.0060	EXP 150 of 150	58.567322 ± 0.031958	0.9932	EXP 150 of 150	30.890411 ± 0.027764	0.8004	EXP 150 of 150
13D08158	8.1 %	0.0615190 ± 0.0005497	0.0019	EXP 149 of 150	2.1432511 ± 0.0270100	0.1803	EXP 150 of 150	0.5982768 ± 0.0245070	0.0002	EXP 150 of 150	54.196720 ± 0.031682	0.9922	EXP 150 of 150	29.593375 ± 0.027547	0.8383	EXP 150 of 150
13D08160	8.3 %	0.0541147 ± 0.0005603	0.0525	EXP 150 of 150	1.8081202 ± 0.0299642	0.1304	EXP 150 of 150	0.5179179 ± 0.0267010	0.0094	EXP 150 of 150	44.098712 ± 0.031258	0.9888	EXP 150 of 150	25.251964 ± 0.028442	0.8953	EXP 150 of 150
13D08161	8.8 %	0.0579555 ± 0.0005620	0.0039	EXP 150 of 150	1.8700478 ± 0.0299217	0.1300	EXP 150 of 150	0.5364776 ± 0.0274645	0.0244	EXP 150 of 150	42.658848 ± 0.025957	0.9917	EXP 150 of 150	25.700052 ± 0.028509	0.8788	EXP 150 of 150
13D08162	9.3 %	0.0676036 ± 0.0006667	0.0028	EXP 150 of 150	2.0290179 ± 0.0321471	0.1497	EXP 150 of 150	0.5475080 ± 0.0261718	0.0365	EXP 150 of 150	43.499487 ± 0.029848	0.9893	EXP 150 of 150	27.876699 ± 0.028632	0.8619	EXP 150 of 150
13D08164	9.9 %	0.0753313 ± 0.0006586	0.0027	EXP 150 of 150	2.1833085 ± 0.0315773	0.1060	EXP 150 of 150	0.5333952 ± 0.0268079	0.0351	EXP 150 of 150	43.216123 ± 0.028635	0.9904	EXP 150 of 150	29.980976 ± 0.027313	0.7773	EXP 149 of 150
13D08165	10.5 %	0.0818661 ± 0.0006260	0.0222	EXP 150 of 150	2.2563777 ± 0.0307385	0.1186	EXP 150 of 150	0.4674182 ± 0.0254879	0.0018	EXP 150 of 150	39.536205 ± 0.028890	0.9878	EXP 150 of 150	30.567528 ± 0.031891	0.6909	EXP 150 of 150
13D08166	11.2 %	0.0911922 ± 0.0006636	0.0448	EXP 150 of 150	2.4602571 ± 0.0288010	0.2002	EXP 150 of 150	0.4909717 ± 0.0260367	0.0237	EXP 150 of 150	36.555560 ± 0.029307	0.9853	EXP 150 of 150	31.569864 ± 0.029409	0.6639	EXP 149 of 150
13D08168	11.9 %	0.1104933 ± 0.0007211	0.1442	EXP 150 of 150	2.9146045 ± 0.0254419	0.3120	EXP 150 of 150	0.4502885 ± 0.0268417	0.0003	EXP 150 of 150	35.009412 ± 0.024684	0.9889	EXP 150 of 150	35.382788 ± 0.028862	0.0696	EXP 149 of 150
13D08169	12.8 %	0.1334428 ± 0.0008502	0.2432	EXP 150 of 150	3.6058573 ± 0.0290443	0.3635	EXP 150 of 150	0.4653760 ± 0.0306381	0.0030	EXP 150 of 150	34.060268 ± 0.027699	0.9846	EXP 150 of 150	39.833971 ± 0.027315	0.1988	EXP 150 of 150
13D08170	13.9 %	0.1872770 ± 0.0010899	0.4045	EXP 150 of 150	5.3583868 ± 0.0312765	0.5199	EXP 150 of 150	0.5498250 ± 0.0273022	0.0893	EXP 150 of 150	34.958394 ± 0.026242	0.9873	EXP 150 of 150	49.806527 ± 0.034837	0.8382	EXP 150 of 150
13D08172	15.2 %	0.2235043 ± 0.0011485	0.5091	EXP 150 of 150	6.6650820 ± 0.0320042	0.6121	EXP 150 of 150	0.5227334 ± 0.0258879	0.0241	EXP 150 of 150	33.666151 ± 0.027973	0.9845	EXP 150 of 150	55.557526 ± 0.029162	0.9403	EXP 150 of 150
13D08173	16.7 %	0.2487154 ± 0.0010897	0.5389	EXP 150 of 150	7.5057367 ± 0.0310913	0.5870	EXP 150 of 150	0.5318151 ± 0.0257789	0.0264	EXP 149 of 150	32.213818 ± 0.027363	0.9831	EXP 150 of 150	60.267375 ± 0.034548	0.9467	EXP 150 of 150
13D08174	18.2 %	0.2819567 ± 0.0012166	0.6336	EXP 149 of 150	8.8572228 ± 0.0300971	0.6944	EXP 150 of 150	0.4761803 ± 0.0267047	0.0013	EXP 150 of 150	30.434917 ± 0.026384	0.9826	EXP 150 of 150	64.856352 ± 0.032069	0.9670	EXP 150 of 150
13D08176	19.7 %	0.2887481 ± 0.0012342	0.6303	EXP 149 of 150	8.9371937 ± 0.0273731	0.7630	EXP 150 of 150	0.4494701 ± 0.0258139	0.0093	EXP 150 of 150	27.455835 ± 0.027349	0.9763	EXP 150 of 150	65.453983 ± 0.031583	0.9710	EXP 150 of 150
13D08178	21.2 %	0.2770123 ± 0.0011532	0.6338	EXP 150 of 150	8.6579640 ± 0.0283809	0.7353	EXP 150 of 150	0.3782680 ± 0.0260621	0.0036	EXP 150 of 150	23.150880 ± 0.028048	0.9665	EXP 150 of 150	61.860680 ± 0.032583	0.9614	EXP 148 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
13D08126	1.8 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08128	2.0 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08129	2.2 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08130	2.4 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08132	2.7 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08133	3.0 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08134	3.3 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08136	3.6 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08137	3.7 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08138	3.9 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08140	4.2 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08141	4.5 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08142	4.7 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08144	4.8 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08145	5.1 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08146	5.4 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08148	5.7 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08149	5.9 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08150	6.1 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08152	6.5 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08153	6.9 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08154	7.1 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08156	7.3 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08157	7.8 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08158	8.1 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08160	8.3 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08161	8.8 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08162	9.3 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08164	9.9 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08165	10.5 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08166	11.2 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08168	11.9 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08169	12.8 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08170	13.9 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08172	15.2 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08173	16.7 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08174	18.2 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08176	19.7 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	01
13D08178	21.2 %	Dan Miggins	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D08125	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
13D08126	1.8 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	13	48	1
13D08128	2.0 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	14	13	1
13D08129	2.2 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	14	26	1
13D08130	2.4 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	14	38	1
13D08132	2.7 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	15	3	1
13D08133	3.0 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	15	15	1
13D08134	3.3 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	15	28	1
13D08136	3.6 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	15	53	1
13D08137	3.7 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	16	5	1
13D08138	3.9 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	16	17	1
13D08140	4.2 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	16	42	1
13D08141	4.5 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	16	55	1
13D08142	4.7 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	17	7	1
13D08144	4.8 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	17	32	1
13D08145	5.1 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	17	44	1
13D08146	5.4 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	17	57	1
13D08148	5.7 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	18	22	1
13D08149	5.9 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	18	34	1
13D08150	6.1 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	18	47	1
13D08152	6.5 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	19	11	1
13D08153	6.9 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	19	24	1
13D08154	7.1 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	19	36	1
13D08156	7.3 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	20	1	1
13D08157	7.8 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	20	13	1
13D08158	8.1 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	20	26	1
13D08160	8.3 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	20	51	1
13D08161	8.8 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	21	3	1
13D08162	9.3 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	21	16	1
13D08164	9.9 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	21	40	1
13D08165	10.5 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	21	53	1
13D08166	11.2 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	22	5	1
13D08168	11.9 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	22	30	1
13D08169	12.8 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	22	43	1
13D08170	13.9 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	22	55	1
13D08172	15.2 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	23	20	1
13D08173	16.7 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	23	32	1
13D08174	18.2 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	28	DEC	2013	23	45	1
13D08176	19.7 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	29	DEC	2013	0	10	1
13D08178	21.2 %	44A-Argon-3	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper (2008)	10.31481	0.157	0.00152377	0.157	302.738	0.092	0.99401516	0.062	1	4.8E-14	29	DEC	2013	0	34	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
13D08126	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
13D08128	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
13D08129	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
13D08130	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
13D08132	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
13D08133	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
13D08134	3.3 %	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
13D08136	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
13D08137	3.7 %	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
13D08138	3.9 %	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
13D08140	4.2 %	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
13D08141	4.5 %	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
13D08142	4.7 %	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
13D08144	4.8 %	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
13D08145	5.1 %	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
13D08146	5.4 %	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
13D08148	5.7 %	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
13D08149	5.9 %	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
13D08150	6.1 %	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
13D08152	6.5 %	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
13D08153	6.9 %	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
13D08154	7.1 %	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
13D08156	7.3 %	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
13D08157	7.8 %	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
13D08158	8.1 %	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
13D08160	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
13D08161	8.8 %	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
13D08162	9.3 %	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
13D08164	9.9 %	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
13D08165	10.5 %	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
13D08166	11.2 %	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
13D08168	11.9 %	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
13D08169	12.8 %	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
13D08170	13.9 %	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
13D08172	15.2 %	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
13D08173	16.7 %	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
13D08174	18.2 %	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
13D08176	19.7 %	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
13D08178	21.2 %	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

13D08125.AGE >>> 44A-ARGON-3 >>> GALAPAGOS | BALBAS (13-19) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU
924.7 ± 9.2
TOTAL FUSION
975.8 ± 10.4
NORMAL ISOCHRON
935.0 ± 11.9
INVERSE ISOCHRON
937.4 ± 11.7

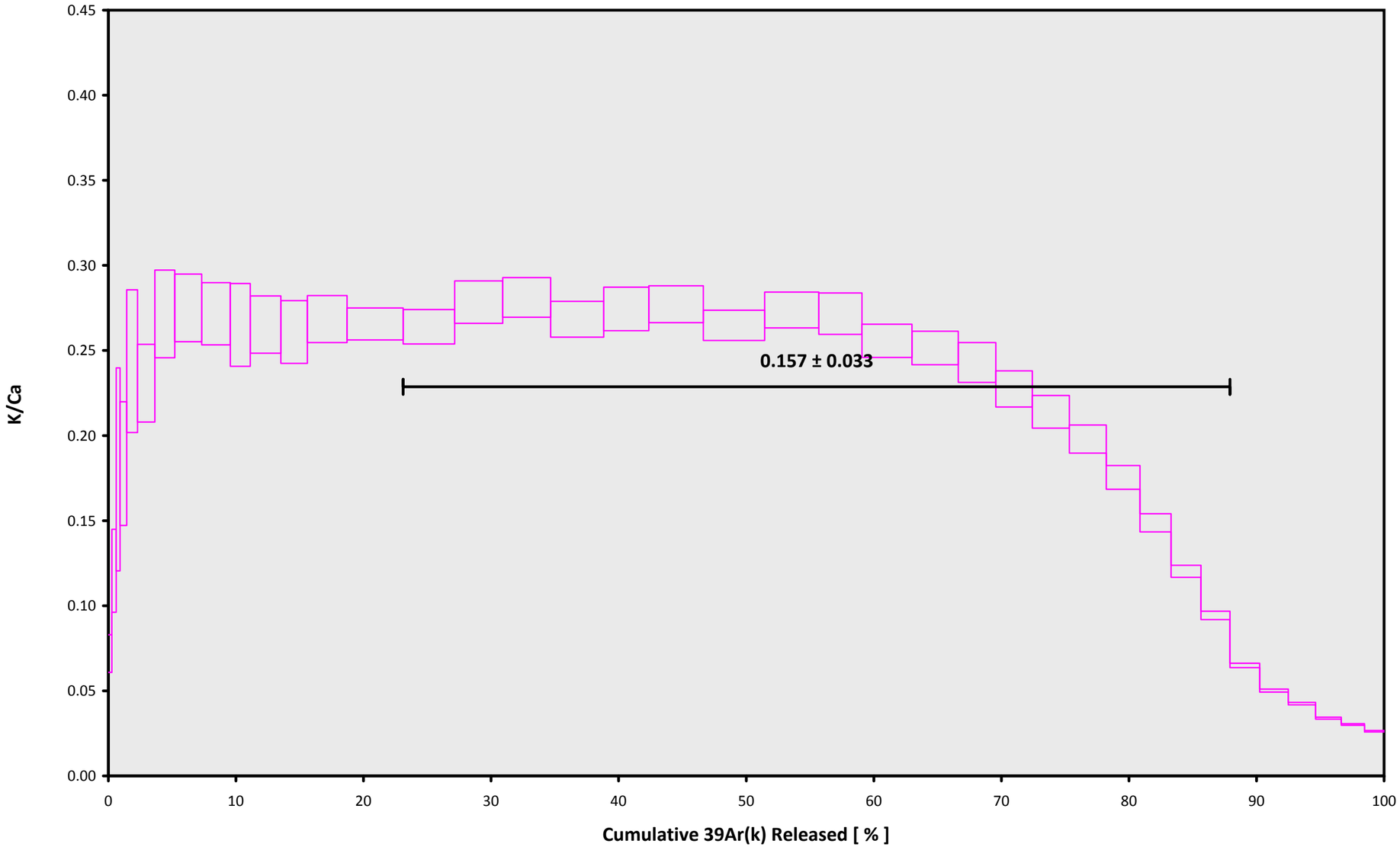
MSWD (PROBABILITY)
1.32 (16%)

Sample Info

Groundmass
Floreana Island
Dan Miggins

IRR = 13-OSU-05
J = 0.00152377 ± 0.00000239

13D08125.AGE >>> 44A-ARGON-3 >>> GALAPAGOS | BALBAS (13-19) PROJECT



Ar-Ages in ka

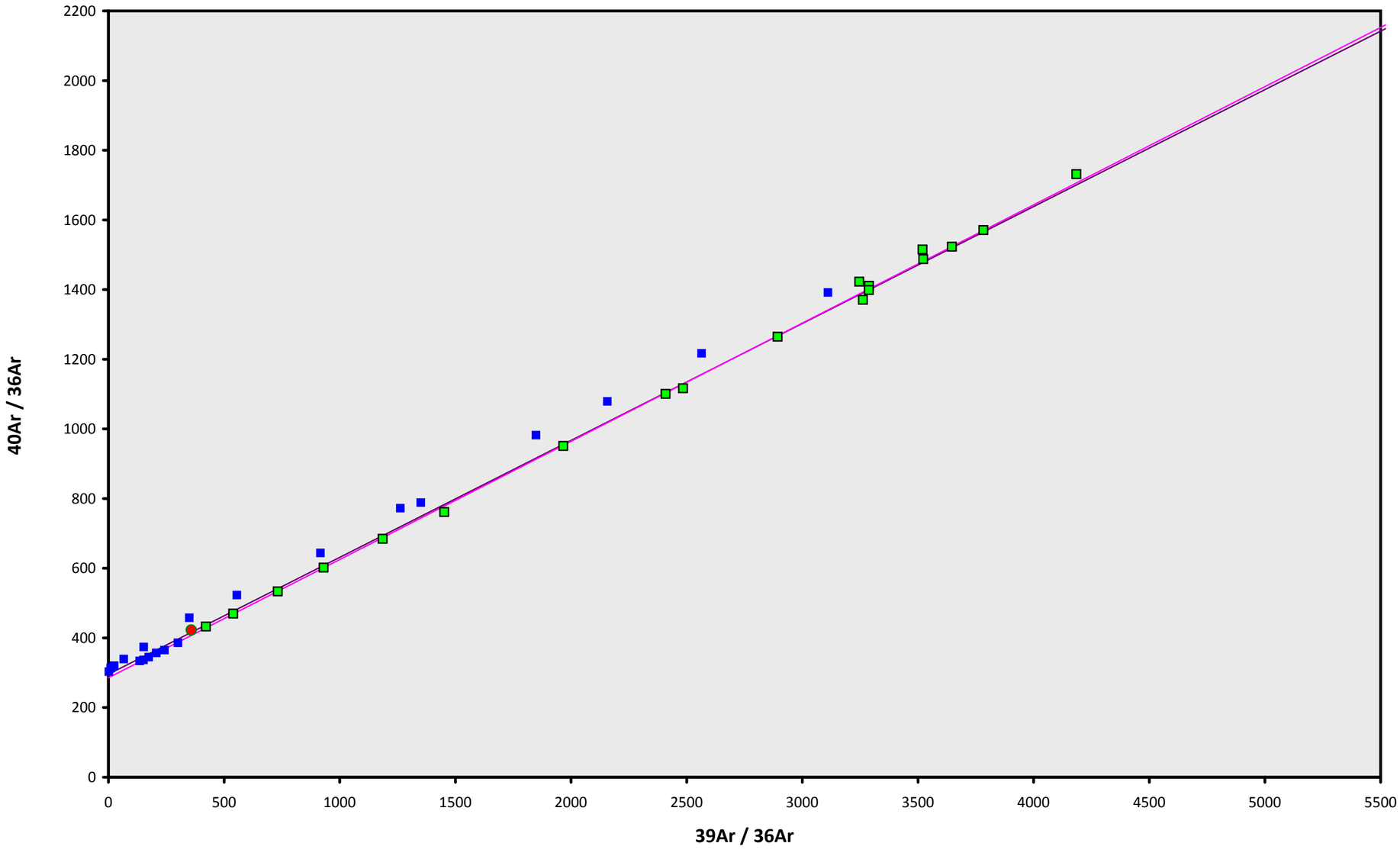
WEIGHTED PLATEAU
924.7 ± 9.2
TOTAL FUSION
975.8 ± 10.4
NORMAL ISOCHRON
935.0 ± 11.9
INVERSE ISOCHRON
937.4 ± 11.7

Sample Info

Groundmass
Floreana Island
Dan Miggins

IRR = 13-OSU-05
J = 0.00152377 ± 0.00000239

13D08125.AGE >>> 44A-ARGON-3 >>> GALAPAGOS | BALBAS (13-19) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU
924.7 ± 9.2
TOTAL FUSION
975.8 ± 10.4
NORMAL ISOCHRON
935.0 ± 11.9
INVERSE ISOCHRON
937.4 ± 11.7

MSWD (PROBABILITY)
0.88 (60%)

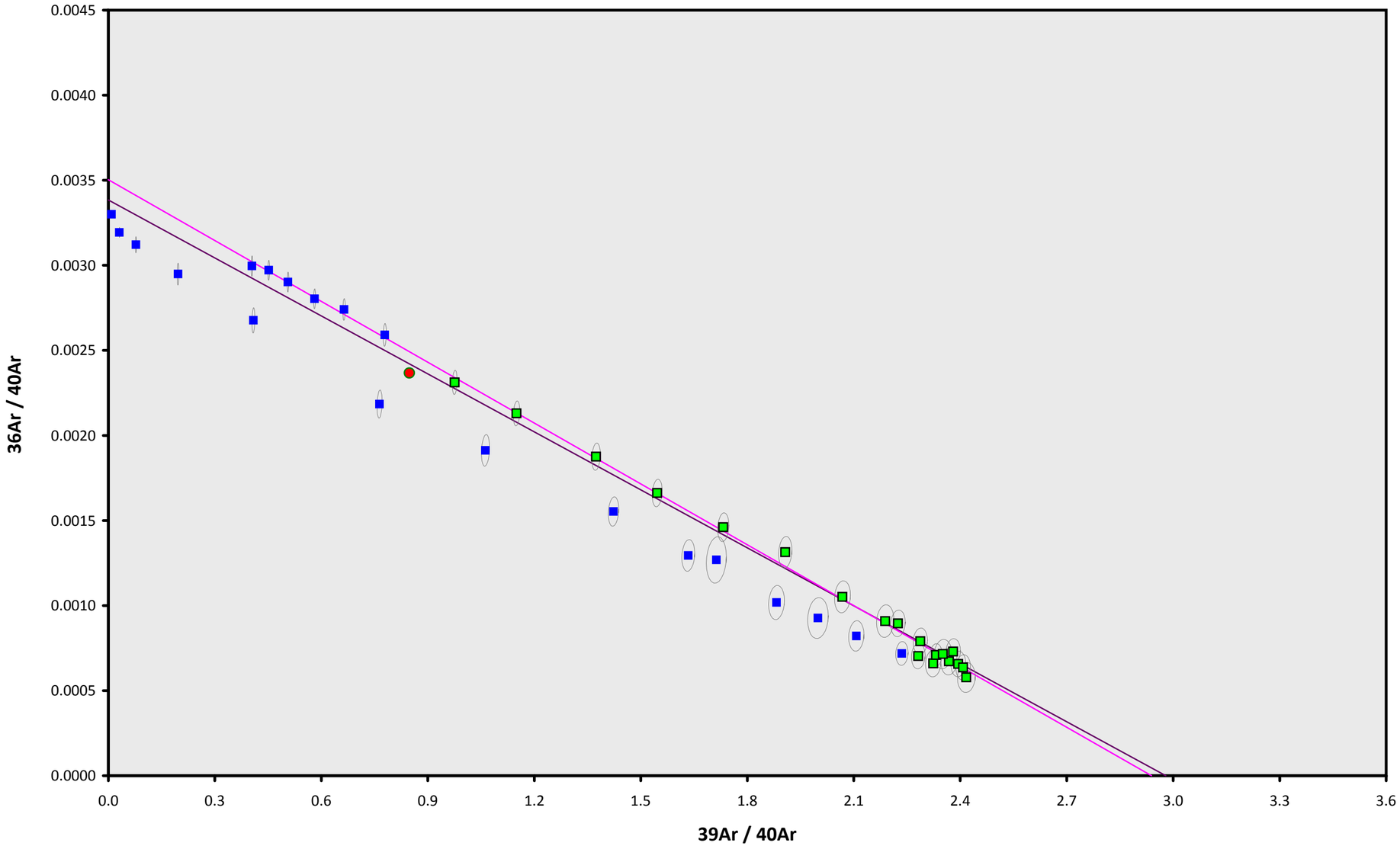
40AR/36AR INTERCEPT
285.8 ± 6.9

Sample Info

Groundmass
Floreana Island
Dan Miggins

IRR = 13-OSU-05
J = 0.00152377 ± 0.00000239

13D08125.AGE >>> 44A-ARGON-3 >>> GALAPAGOS | BALBAS (13-19) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU
924.7 ± 9.2
TOTAL FUSION
975.8 ± 10.4
NORMAL ISOCHRON
935.0 ± 11.9
INVERSE ISOCHRON
937.4 ± 11.7

MSWD (PROBABILITY)
0.92 (54%)

SPREADING FACTOR
49.1%

40AR/36AR INTERCEPT
285.4 ± 6.9

Sample Info

Groundmass
Floreana Island
Dan Miggins

IRR = 13-OSU-05
J = 0.00152377 ± 0.00000239