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
13D08190	1.8 %		4.0206828	0.277	16.7645	11.945	0.909792	4.328	7.6195	0.547	1223.7678	0.010	4.85690 ± 0.86779	13984.4 ± 2489.0	3.02	0.46	0.195 ± 0.047
13D08192	2.0 %		1.2645552	0.338	11.6242	17.308	0.335445	11.384	5.4234	0.786	392.9338	0.026	3.72165 ± 0.47514	10725.4 ± 1365.2	5.13	0.33	0.200 ± 0.069
13D08193	2.2 %		0.6724576	0.407	9.6225	21.159	0.221448	18.118	6.7963	0.618	210.6973	0.046	1.87318 ± 0.24564	5406.2 ± 707.9	6.04	0.41	0.303 ± 0.128
13D08194	2.4 %		0.4865802	0.431	24.1310	8.229	0.285663	13.995	16.0756	0.281	155.4484	0.061	0.84073 ± 0.08065	2428.5 ± 232.8	8.69	0.96	0.286 ± 0.047
13D08196	2.7 %		0.3143686	0.507	29.2889	6.581	0.360216	10.411	24.4231	0.189	104.9587	0.088	0.58496 ± 0.04129	1690.0 ± 119.2	13.60	1.47	0.358 ± 0.047
13D08197	3.0 %		0.2289831	0.633	40.6206	4.901	0.413128	9.260	31.0900	0.150	79.0415	0.116	0.46534 ± 0.02997	1344.5 ± 86.6	18.29	1.87	0.329 ± 0.032
13D08198	3.3 %		0.1725427	0.762	50.0886	3.913	0.492703	8.091	37.7315	0.131	62.6074	0.147	0.40902 ± 0.02273	1181.9 ± 65.6	24.63	2.26	0.324 ± 0.025
13D08200	3.6 %		0.1323890	0.877	58.8214	3.415	0.567893	6.934	45.9676	0.112	52.1861	0.174	0.38143 ± 0.01694	1102.2 ± 48.9	33.57	2.76	0.336 ± 0.023
13D08201	3.7 %		0.0766833	1.103	31.8473	6.361	0.328609	11.423	25.2335	0.181	29.9756	0.300	0.38578 ± 0.02462	1114.7 ± 71.1	32.45	1.51	0.340 ± 0.043
13D08202	3.9 %		0.0725046	1.196	46.3485	4.439	0.422378	8.807	35.1210	0.144	30.6754	0.296	0.36374 ± 0.01807	1051.1 ± 52.2	41.61	2.11	0.326 ± 0.029
13D08204	4.2 %		0.0867068	1.056	82.5445	2.375	0.690517	5.245	60.7695	0.099	40.1163	0.227	0.34190 ± 0.01072	988.0 ± 31.0	51.74	3.65	0.316 ± 0.015
13D08205	4.5 %		0.0732408	1.220	79.7852	2.555	0.698540	5.431	60.2708	0.097	35.8864	0.257	0.33698 ± 0.01073	973.8 ± 31.0	56.55	3.62	0.325 ± 0.017
13D08206	4.7 %		0.0661069	1.257	82.0794	2.543	0.716746	5.457	63.0709	0.094	34.4454	0.264	0.33530 ± 0.00984	968.9 ± 28.4	61.34	3.78	0.330 ± 0.017
13D08208	4.8 %		0.0586712	1.413	82.3530	2.474	0.718385	5.592	62.6474	0.096	32.0392	0.282	0.33460 ± 0.00982	966.9 ± 28.4	65.37	3.76	0.327 ± 0.016
13D08209	**5.1 %**	✓	**0.0562757**	**1.504**	**82.9770**	**2.389**	**0.762838**	**4.997**	**63.1364**	**0.095**	**30.8229**	**0.295**	**0.32470 ± 0.00981**	**938.3 ± 28.3**	**66.45**	**3.79**	**0.327 ± 0.016**
13D08210	**5.4 %**	✓	**0.0549383**	**1.449**	**88.0602**	**2.427**	**0.764781**	**5.275**	**66.0326**	**0.092**	**30.9020**	**0.300**	**0.32354 ± 0.00923**	**934.9 ± 26.7**	**69.07**	**3.96**	**0.322 ± 0.016**
13D08212	**5.7 %**	✓	**0.0514961**	**1.747**	**84.1075**	**2.453**	**0.786842**	**4.800**	**65.4337**	**0.091**	**29.6969**	**0.309**	**0.31890 ± 0.00996**	**921.5 ± 28.8**	**70.20**	**3.93**	**0.334 ± 0.016**
13D08213	**5.9 %**	✓	**0.0471647**	**1.612**	**86.7123**	**2.289**	**0.752764**	**5.145**	**64.3973**	**0.094**	**28.4170**	**0.323**	**0.32729 ± 0.00900**	**945.8 ± 26.0**	**74.10**	**3.86**	**0.319 ± 0.015**
13D08214	**6.1 %**	✓	**0.0444883**	**1.791**	**77.9301**	**2.716**	**0.649645**	**5.998**	**59.2404**	**0.100**	**26.1729**	**0.354**	**0.31988 ± 0.01026**	**924.4 ± 29.6**	**72.34**	**3.55**	**0.327 ± 0.018**
13D08216	**6.5 %**	✓	**0.0469419**	**1.715**	**87.0740**	**2.298**	**0.783938**	**5.074**	**65.2671**	**0.092**	**28.2114**	**0.324**	**0.32117 ± 0.00921**	**928.1 ± 26.6**	**74.24**	**3.92**	**0.322 ± 0.015**
13D08217	**6.9 %**	✓	**0.0557728**	**1.447**	**105.1013**	**2.015**	**0.872757**	**4.318**	**76.9712**	**0.087**	**32.9296**	**0.275**	**0.31762 ± 0.00795**	**917.8 ± 23.0**	**74.17**	**4.62**	**0.315 ± 0.013**
13D08218	**7.1 %**	✓	**0.0441014**	**1.817**	**77.9273**	**2.687**	**0.690010**	**5.783**	**57.8735**	**0.098**	**25.3565**	**0.362**	**0.31538 ± 0.01050**	**911.4 ± 30.3**	**71.92**	**3.47**	**0.319 ± 0.017**
13D08220	**7.3 %**	✓	**0.0391757**	**1.942**	**71.1653**	**2.858**	**0.651913**	**6.032**	**52.0478**	**0.106**	**22.6252**	**0.402**	**0.31638 ± 0.01120**	**914.2 ± 32.4**	**72.71**	**3.12**	**0.314 ± 0.018**
13D08221	**7.8 %**	✓	**0.0454560**	**1.701**	**82.8333**	**2.526**	**0.687908**	**5.554**	**55.1008**	**0.105**	**24.8685**	**0.368**	**0.32238 ± 0.01079**	**931.6 ± 31.2**	**71.36**	**3.31**	**0.286 ± 0.014**
13D08222	**8.1 %**	✓	**0.0459165**	**1.638**	**77.0071**	**2.734**	**0.580000**	**6.880**	**52.0736**	**0.108**	**23.9488**	**0.385**	**0.31221 ± 0.01126**	**902.2 ± 32.5**	**67.82**	**3.12**	**0.290 ± 0.016**
13D08224	**8.3 %**	✓	**0.0390277**	**1.979**	**64.8016**	**3.062**	**0.557362**	**7.002**	**41.1395**	**0.124**	**19.5987**	**0.466**	**0.31666 ± 0.01420**	**915.0 ± 41.0**	**66.40**	**2.47**	**0.273 ± 0.017**
13D08225	**8.8 %**	✓	**0.0460868**	**1.766**	**72.0977**	**2.800**	**0.592697**	**6.708**	**42.6297**	**0.123**	**21.7936**	**0.419**	**0.32155 ± 0.01423**	**929.2 ± 41.1**	**62.83**	**2.56**	**0.254 ± 0.014**
13D08226	9.3 %		0.0510769	1.531	78.1262	2.530	0.543021	6.823	42.5325	0.120	22.3381	0.410	0.31150 ± 0.01383	900.1 ± 40.0	59.24	2.55	0.234 ± 0.012
13D08228	9.9 %		0.0633935	1.346	84.8354	2.328	0.560172	7.105	41.3591	0.123	25.1098	0.361	0.31232 ± 0.01503	902.5 ± 43.4	51.37	2.48	0.209 ± 0.010
13D08229	10.5 %		0.0645338	1.390	92.9121	2.156	0.541719	7.382	39.6633	0.132	24.1702	0.377	0.30972 ± 0.01627	895.0 ± 47.0	50.75	2.38	0.183 ± 0.008
13D08230	11.2 %		0.0838229	1.023	121.0994	1.776	0.527367	7.735	40.3702	0.129	27.7378	0.331	0.30644 ± 0.01583	885.5 ± 45.7	44.51	2.42	0.143 ± 0.005
13D08232	11.9 %		0.0820426	1.145	115.4052	1.847	0.420596	9.449	34.3664	0.146	25.6248	0.353	0.30131 ± 0.01968	870.7 ± 56.9	40.32	2.06	0.128 ± 0.005
13D08233	12.8 %		0.1095395	0.937	160.8415	1.399	0.472890	8.298	36.3604	0.134	30.6192	0.300	0.29708 ± 0.02008	858.5 ± 58.0	35.17	2.18	0.097 ± 0.003
13D08234	13.9 %		0.1436432	0.834	232.2581	1.059	0.552660	6.823	35.9887	0.139	35.2586	0.259	0.30587 ± 0.02315	883.9 ± 66.9	31.08	2.15	0.066 ± 0.001
13D08236	15.2 %		0.1808781	0.705	305.8761	0.859	0.569120	6.773	35.7421	0.140	40.6945	0.226	0.31485 ± 0.02485	909.8 ± 71.8	27.49	2.13	0.050 ± 0.001
13D08237	16.7 %		0.1972303	0.659	340.2947	0.810	0.593467	6.508	34.3762	0.144	42.3328	0.218	0.31370 ± 0.02652	906.5 ± 76.6	25.30	2.05	0.043 ± 0.001
13D08238	18.2 %		0.2183758	0.619	389.3164	0.775	0.465079	8.292	31.5802	0.153	43.7414	0.209	0.31073 ± 0.03038	897.9 ± 87.8	22.25	1.88	0.035 ± 0.001
13D08240	19.7 %		0.1882317	0.680	330.8301	0.844	0.432902	8.954	27.2598	0.177	37.8670	0.241	0.30258 ± 0.03319	874.4 ± 95.9	21.60	1.62	0.035 ± 0.001
13D08242	21.2 %		0.1709095	0.715	317.5534	0.863	0.371927	9.964	24.7298	0.188	33.8054	0.266	0.33449 ± 0.03524	966.6 ± 101.8	24.26	1.47	0.033 ± 0.001
		Σ	9.8969925	0.139	4273.0634	0.316	22.345836	1.086	1667.9121	0.020	3219.4229	0.018					

Information on Analysis and Constants Used in Calculations

Project = **BALBAS (13-19)**
Sample = **44A-ARGON-5**
Material = **Groundmass**
Location = **Floreana Island**
Region = **Galapagos**
Analyst = **Dan Miggins**
Irradiation = **13-OSU-05**
Position = **X: 0 | Y: 0 | Z/H: 54.7 mm**
FCT-3 Age = **28.201 ± 0.023 Ma**
FCT-3 Reference = **Kuiper et al (2008)**
FCT-3 40Ar/39Ar Ratio = **9.83311 ± 0.01622**
FCT-3 J-value = **0.00159842 ± 0.00000264**
Air Shot 40Ar/36Ar = **302.7350 ± 0.2755**
Air Shot MDF = **0.99401758 ± 0.00062031 (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-5A**
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		0.32019 ± 0.00283 ± 0.88%	**925.3 ± 8.7 ± 0.94%**	0.68 77%	45.68 13	0.307 ± 0.014
		Full External Error ± 22.6		1.82	2σ Confidence Limit	
		Analytical Error ± 8.2		1.0000	Error Magnification	
Total Fusion Age		0.37527 ± 0.00510 ± 1.36%	**1084.4 ± 15.2 ± 1.40%**		39	0.168 ± 0.001
		Full External Error ± 28.8				
		Analytical Error ± 14.7				
Normal Isochron	**309.30 ± 41.80 ± 13.51%**	0.31387 ± 0.01837 ± 5.85%	**907.0 ± 53.1 ± 5.86%**	0.69 74%	45.68 13	
		Full External Error ± 57.0		1.85	2σ Confidence Limit	
		Analytical Error ± 53.1		1.0000	Error Magnification	
				44	Number of Iterations	
				0.0000029516	Convergence	
Inverse Isochron	**309.05 ± 42.28 ± 13.68%**	0.31433 ± 0.01799 ± 5.72%	**908.3 ± 52.1 ± 5.73%**	0.70 74%	45.68 13	
		Full External Error ± 55.9		1.85	2σ Confidence Limit	
		Analytical Error ± 52.0		1.0000	Error Magnification	
Notes				4	Number of Iterations	
A reliable plateau with low and high temp recoil effects.				0.0003397114	Convergence	
				12%	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
13D08190	1.8 %		4.0161979	16.7645	0.0664268	7.6082	36.95221	13984.4 ± 2489.0	3.02	0.46	0.195 ± 0.047
13D08192	2.0 %		1.2614493	11.6242	0.0336908	5.4156	20.15484	10725.4 ± 1365.2	5.13	0.33	0.200 ± 0.069
13D08193	2.2 %		0.6698909	9.6225	0.0138660	6.7898	12.71861	5406.2 ± 707.9	6.04	0.41	0.303 ± 0.128
13D08194	2.4 %		0.4801538	24.1310	0.0009800	16.0593	13.50154	2428.5 ± 232.8	8.69	0.96	0.286 ± 0.047
13D08196	2.7 %		0.3065667	29.2889	0.0072193	24.4033	14.27493	1690.0 ± 119.2	13.60	1.47	0.358 ± 0.047
13D08197	3.0 %		0.2181658	40.6206	0.0000000	31.0625	14.45474	1344.5 ± 86.6	18.29	1.87	0.329 ± 0.032
13D08198	3.3 %		0.1592023	50.0886	0.0058114	37.6976	15.41898	1181.9 ± 65.6	24.63	2.26	0.324 ± 0.025
13D08200	3.6 %		0.1167248	58.8214	0.0000000	45.9278	17.51832	1102.2 ± 48.9	33.57	2.76	0.336 ± 0.023
13D08201	3.7 %		0.0681992	31.8473	0.0102503	25.2120	9.72637	1114.7 ± 71.1	32.45	1.51	0.340 ± 0.043
13D08202	3.9 %		0.0601620	46.3485	0.0000000	35.0897	12.76339	1051.1 ± 52.2	41.61	2.11	0.326 ± 0.029
13D08204	4.2 %		0.0647251	82.5445	0.0000000	60.7137	20.75793	988.0 ± 31.0	51.74	3.65	0.316 ± 0.015
13D08205	4.5 %		0.0519940	79.7852	0.0000000	60.2169	20.29198	973.8 ± 31.0	56.55	3.62	0.325 ± 0.017
13D08206	4.7 %		0.0442492	82.0794	0.0000000	63.0154	21.12881	968.9 ± 28.4	61.34	3.78	0.330 ± 0.017
13D08208	4.8 %		0.0367406	82.3530	0.0000000	62.5917	20.94310	966.9 ± 28.4	65.37	3.76	0.327 ± 0.016
13D08209	**5.1 %**	✓	**0.0341789**	**82.9770**	**0.0000000**	**63.0803**	**20.48189**	**938.3 ± 28.3**	**66.45**	**3.79**	**0.327 ± 0.016**
13D08210	**5.4 %**	✓	**0.0314879**	**88.0602**	**0.0000000**	**65.9731**	**21.34512**	**934.9 ± 26.7**	**69.07**	**3.96**	**0.322 ± 0.016**
13D08212	**5.7 %**	✓	**0.0290983**	**84.1075**	**0.0000000**	**65.3769**	**20.84844**	**921.5 ± 28.8**	**70.20**	**3.93**	**0.334 ± 0.016**
13D08213	**5.9 %**	✓	**0.0240732**	**86.7123**	**0.0000000**	**64.3387**	**21.05740**	**945.8 ± 26.0**	**74.10**	**3.86**	**0.319 ± 0.015**
13D08214	**6.1 %**	✓	**0.0237355**	**77.9301**	**0.0000000**	**59.1877**	**18.93281**	**924.4 ± 29.6**	**72.34**	**3.55**	**0.327 ± 0.018**
13D08216	**6.5 %**	✓	**0.0237541**	**87.0740**	**0.0000000**	**65.2083**	**20.94276**	**928.1 ± 26.6**	**74.24**	**3.92**	**0.322 ± 0.015**
13D08217	**6.9 %**	✓	**0.0277843**	**105.1013**	**0.0000000**	**76.9002**	**24.42535**	**917.8 ± 23.0**	**74.17**	**4.62**	**0.315 ± 0.013**
13D08218	**7.1 %**	✓	**0.0233493**	**77.9273**	**0.0000000**	**57.8208**	**18.23573**	**911.4 ± 30.3**	**71.92**	**3.47**	**0.319 ± 0.017**
13D08220	**7.3 %**	✓	**0.0202190**	**71.1653**	**0.0174151**	**51.9998**	**16.45165**	**914.2 ± 32.4**	**72.71**	**3.12**	**0.314 ± 0.018**
13D08221	**7.8 %**	✓	**0.0233927**	**82.8333**	**0.0153440**	**55.0448**	**17.74552**	**931.6 ± 31.2**	**71.36**	**3.31**	**0.286 ± 0.014**
13D08222	**8.1 %**	✓	**0.0254095**	**77.0071**	**0.0000000**	**52.0216**	**16.24146**	**902.2 ± 32.5**	**67.82**	**3.12**	**0.290 ± 0.016**
13D08224	**8.3 %**	✓	**0.0217542**	**64.8016**	**0.0542217**	**41.0957**	**13.01319**	**915.0 ± 41.0**	**66.40**	**2.47**	**0.273 ± 0.017**
13D08225	**8.8 %**	✓	**0.0268655**	**72.0977**	**0.0702081**	**42.5809**	**13.69204**	**929.2 ± 41.1**	**62.83**	**2.56**	**0.254 ± 0.014**
13D08226	9.3 %		0.0302655	78.1262	0.0206813	42.4797	13.23224	900.1 ± 40.0	59.24	2.55	0.234 ± 0.012
13D08228	9.9 %		0.0407865	84.8354	0.0495558	41.3018	12.89948	902.5 ± 43.4	51.37	2.48	0.209 ± 0.010
13D08229	10.5 %		0.0397755	92.9121	0.0511800	39.6005	12.26520	895.0 ± 47.0	50.75	2.38	0.183 ± 0.008
13D08230	11.2 %		0.0515666	121.0994	0.0243242	40.2884	12.34589	885.5 ± 45.7	44.51	2.42	0.143 ± 0.005
13D08232	11.9 %		0.0513102	115.4052	0.0000000	34.2885	10.33154	870.7 ± 56.9	40.32	2.06	0.128 ± 0.005
13D08233	12.8 %		0.0667034	160.8415	0.0127300	36.2518	10.76970	858.5 ± 58.0	35.17	2.18	0.097 ± 0.003
13D08234	13.9 %		0.0817651	232.2581	0.0896098	35.8317	10.96000	883.9 ± 66.9	31.08	2.15	0.066 ± 0.001
13D08236	15.2 %		0.0993920	305.8761	0.1010550	35.5354	11.18826	909.8 ± 71.8	27.49	2.13	0.050 ± 0.001
13D08237	16.7 %		0.1065670	340.2947	0.1383030	34.1463	10.71171	906.5 ± 76.6	25.30	2.05	0.043 ± 0.001
13D08238	18.2 %		0.1146888	389.3164	0.0389147	31.3171	9.73116	897.9 ± 87.8	22.25	1.88	0.035 ± 0.001
13D08240	19.7 %		0.1001115	330.8301	0.0651647	27.0362	8.18069	874.4 ± 95.9	21.60	1.62	0.035 ± 0.001
13D08242	21.2 %		0.0863332	317.5534	0.0380482	24.5152	8.20021	966.6 ± 101.8	24.26	1.47	0.033 ± 0.001
		Σ	8.7587894	4273.0634	0.9250003	1665.0252	624.83520				

Information on Analysis

Project = **BALBAS (13-19)**
Sample = **44A-ARGON-5**
Material = **Groundmass**
Location = **Floreana Island**
Region = **Galapagos**
Analyst = **Dan Miggins**
Irradiation = **13-OSU-05**
J = **0.00159842 ± 0.00000264**
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	0.32019	± 0.00283	**925.3**	**± 8.7**	0.68	45.68	0.307 ± 0.014
		± 0.88%		**± 0.94%**	77%	13	
			Full External Error	± 22.6	1.82	2σ Confidence Limit	
			Analytical Error	± 8.2	1.0000	Error Magnification	
Total Fusion Age	0.37527	± 0.00510	**1084.4**	**± 15.2**		39	0.168 ± 0.001
		± 1.36%		**± 1.40%**			
			Full External Error	± 28.8			
			Analytical Error	± 14.7			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
13D08190	1.8 %		1.89 ± 0.02	304.70 ± 1.69	0.4512
13D08192	2.0 %		4.29 ± 0.07	311.48 ± 2.13	0.3966
13D08193	2.2 %		10.14 ± 0.15	314.49 ± 2.64	0.5551
13D08194	2.4 %		33.45 ± 0.36	323.62 ± 2.94	0.8408
13D08196	2.7 %		79.60 ± 0.92	342.06 ± 3.78	0.9327
13D08197	3.0 %		142.38 ± 2.06	361.76 ± 5.18	0.9652
13D08198	3.3 %		236.79 ± 4.25	392.35 ± 7.06	0.9760
13D08200	3.6 %		393.47 ± 8.66	445.58 ± 9.88	0.9824
13D08201	3.7 %		369.68 ± 10.96	438.12 ± 13.16	0.9724
13D08202	3.9 %		583.25 ± 19.96	507.65 ± 17.57	0.9816
13D08204	4.2 %		938.02 ± 30.63	616.21 ± 20.28	0.9885
13D08205	4.5 %		1158.15 ± 46.66	685.78 ± 27.82	0.9907
13D08206	4.7 %		1424.10 ± 64.45	773.00 ± 35.19	0.9923
13D08208	4.8 %		1703.61 ± 91.99	865.53 ± 46.97	0.9939
13D08209	5.1 %	✓	1845.59 ± 107.85	894.76 ± 52.53	0.9943
13D08210	5.4 %	✓	2095.19 ± 130.39	973.38 ± 60.84	0.9948
13D08212	5.7 %	✓	2246.76 ± 162.96	1011.98 ± 73.65	0.9960
13D08213	5.9 %	✓	2672.63 ± 205.84	1170.23 ± 90.42	0.9961
13D08214	6.1 %	✓	2493.63 ± 205.21	1093.16 ± 90.27	0.9960
13D08216	6.5 %	✓	2745.14 ± 223.30	1177.15 ± 96.04	0.9965
13D08217	6.9 %	✓	2767.75 ± 196.34	1174.61 ± 83.56	0.9966
13D08218	7.1 %	✓	2476.34 ± 207.24	1076.50 ± 90.41	0.9959
13D08220	7.3 %	✓	2571.82 ± 237.78	1109.17 ± 102.92	0.9959
13D08221	7.8 %	✓	2353.08 ± 191.92	1054.09 ± 86.30	0.9955
13D08222	8.1 %	✓	2047.33 ± 151.34	934.69 ± 69.45	0.9941
13D08224	8.3 %	✓	1889.09 ± 162.66	893.69 ± 77.38	0.9937
13D08225	8.8 %	✓	1584.97 ± 115.23	805.15 ± 58.90	0.9927
13D08226	9.3 %		1403.57 ± 87.55	732.71 ± 46.07	0.9906
13D08228	9.9 %		1012.63 ± 49.87	611.77 ± 30.42	0.9880
13D08229	10.5 %		995.60 ± 52.34	603.86 ± 32.04	0.9885
13D08230	11.2 %		781.29 ± 31.34	534.92 ± 21.71	0.9844
13D08232	11.9 %		668.26 ± 28.69	496.85 ± 21.57	0.9842
13D08233	12.8 %		543.48 ± 19.45	456.96 ± 16.54	0.9832
13D08234	13.9 %		438.23 ± 14.72	429.54 ± 14.55	0.9847
13D08236	15.2 %		357.53 ± 10.55	408.07 ± 12.13	0.9838
13D08237	16.7 %		320.42 ± 9.06	396.02 ± 11.27	0.9829
13D08238	18.2 %		273.06 ± 7.57	380.35 ± 10.59	0.9824
13D08240	19.7 %		270.06 ± 8.07	377.22 ± 11.34	0.9800
13D08242	21.2 %		283.96 ± 9.46	390.48 ± 13.09	0.9808

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ka)	MSWD
Normal Isochron	**309.30 ± 41.80 ± 13.51%**	0.31387 ± 0.01837 ± 5.85%	**907.0 ± 53.1 ± 5.86%**	0.69 74%
			Full External Error ± 57.0	
			Analytical Error ± 53.1	

Statistics				
	2σ Confidence Limit	1.85	Convergence	0.000002951578
	Error Magnification	1.0000	Number of Iterations	44
	Number of Data Points	13	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
13D08190	1.8 %		0.0062172 ± 0.0000682	0.00328191 ± 0.00001822	0.0006
13D08192	2.0 %		0.0137831 ± 0.0002173	0.00321050 ± 0.00002199	0.0024
13D08193	2.2 %		0.0322295 ± 0.0003999	0.00317979 ± 0.00002665	0.0081
13D08194	2.4 %		0.1033503 ± 0.0005947	0.00309005 ± 0.00002811	0.0284
13D08196	2.7 %		0.2327111 ± 0.0009718	0.00292343 ± 0.00003233	0.0680
13D08197	3.0 %		0.3935816 ± 0.0014959	0.00276430 ± 0.00003962	0.0996
13D08198	3.3 %		0.6035168 ± 0.0023786	0.00254874 ± 0.00004589	0.1226
13D08200	3.6 %		0.8830490 ± 0.0036658	0.00224425 ± 0.00004978	0.1325
13D08201	3.7 %		0.8437962 ± 0.0059297	0.00228250 ± 0.00006856	0.1718
13D08202	3.9 %		1.1489294 ± 0.0075993	0.00196986 ± 0.00006819	0.1549
13D08204	4.2 %		1.5222493 ± 0.0075927	0.00162283 ± 0.00005342	0.1275
13D08205	4.5 %		1.6888203 ± 0.0093333	0.00145820 ± 0.00005916	0.1195
13D08206	4.7 %		1.8423166 ± 0.0104057	0.00129367 ± 0.00005890	0.1102
13D08208	4.8 %		1.9682960 ± 0.0118267	0.00115537 ± 0.00006269	0.0994
13D08209	**5.1 %**	✓	**2.0626785 ± 0.0128921**	**0.00111762 ± 0.00006561**	**0.0965**
13D08210	**5.4 %**	✓	**2.1524806 ± 0.0136579**	**0.00102734 ± 0.00006421**	**0.0929**
13D08212	**5.7 %**	✓	**2.2201554 ± 0.0144579**	**0.00098816 ± 0.00007192**	**0.0824**
13D08213	**5.9 %**	✓	**2.2838623 ± 0.0155148**	**0.00085454 ± 0.00006603**	**0.0811**
13D08214	**6.1 %**	✓	**2.2811306 ± 0.0169362**	**0.00091478 ± 0.00007554**	**0.0834**
13D08216	**6.5 %**	✓	**2.3320259 ± 0.0158699**	**0.00084951 ± 0.00006931**	**0.0773**
13D08217	**6.9 %**	✓	**2.3563260 ± 0.0137588**	**0.00085135 ± 0.00006056**	**0.0748**
13D08218	**7.1 %**	✓	**2.3003689 ± 0.0174277**	**0.00092894 ± 0.00007801**	**0.0841**
13D08220	**7.3 %**	✓	**2.3186881 ± 0.0194901**	**0.00090157 ± 0.00008366**	**0.0848**
13D08221	**7.8 %**	✓	**2.2323245 ± 0.0172637**	**0.00094868 ± 0.00007767**	**0.0874**
13D08222	**8.1 %**	✓	**2.1903857 ± 0.0176797**	**0.00106987 ± 0.00007949**	**0.1008**
13D08224	**8.3 %**	✓	**2.1138050 ± 0.0205656**	**0.00111895 ± 0.00009688**	**0.1050**
13D08225	**8.8 %**	✓	**1.9685344 ± 0.0173324**	**0.00124200 ± 0.00009086**	**0.1110**
13D08226	9.3 %		1.9155972 ± 0.0164912	0.00136481 ± 0.00008581	0.1262
13D08228	9.9 %		1.6552574 ± 0.0127270	0.00163461 ± 0.00008127	0.1386
13D08229	10.5 %		1.6487282 ± 0.0132461	0.00165601 ± 0.00008785	0.1350
13D08230	11.2 %		1.4605812 ± 0.0104393	0.00186945 ± 0.00007587	0.1529
13D08232	11.9 %		1.3449779 ± 0.0103432	0.00201266 ± 0.00008737	0.1513
13D08233	12.8 %		1.1893407 ± 0.0078646	0.00218839 ± 0.00007922	0.1523
13D08234	13.9 %		1.0202196 ± 0.0060296	0.00232806 ± 0.00007885	0.1354
13D08236	15.2 %		0.8761498 ± 0.0046785	0.00245058 ± 0.00007287	0.1298
13D08237	16.7 %		0.8091099 ± 0.0042533	0.00252515 ± 0.00007188	0.1285
13D08238	18.2 %		0.7179254 ± 0.0037444	0.00262917 ± 0.00007324	0.1211
13D08240	19.7 %		0.7159332 ± 0.0043002	0.00265100 ± 0.00007972	0.1289
13D08242	21.2 %		0.7272022 ± 0.0047673	0.00256093 ± 0.00008586	0.1296

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ka)	MSWD
Inverse Isochron	**309.05 ± 42.28** **± 13.68%**	0.31433 ± 0.01799 ± 5.72%	**908.3 ± 52.1** **± 5.73%** Full External Error ± 55.9 Analytical Error ± 52.0	0.70 74%

Statistics				
	2σ Confidence Limit	1.85	Convergence	0.0003397114
	Error Magnification	1.0000	Number of Iterations	4
	Number of Data Points	13	Calculated Line	Weighted York-2
	Spreading Factor	12.2%		

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
13D08190	1.8 %		4.0161979	0.28	0.0000000	0.00	0.0044644	11.95	0.0000205	59.37	16.7645	11.94	0.7506274	0.28	0.0000000	0.00	0.091534	0.57	0.0012037	17.52	0.0664268	59.38	7.6082	0.55	0.0113261	12.02	36.95221	8.92	1186.7865	0.28	0.0000000	0.00	0.0290861	2.72
13D08192	2.0 %		1.2614493	0.34	0.0000000	0.00	0.0030955	17.31	0.0000104	113.40	11.6242	17.31	0.2357649	0.34	0.0000000	0.00	0.065155	0.80	0.0008346	21.54	0.0336908	113.40	5.4156	0.79	0.0078533	17.36	20.15484	6.33	372.7583	0.34	0.0000000	0.00	0.0207037	2.77
13D08193	2.2 %		0.6698909	0.42	0.0000000	0.00	0.0025625	21.16	0.0000043	289.43	9.6225	21.16	0.1252026	0.42	0.0000000	0.00	0.081689	0.64	0.0006909	24.74	0.0138660	289.43	6.7898	0.62	0.0065010	21.20	12.71861	6.53	197.9527	0.42	0.0000000	0.00	0.0259576	2.73
13D08194	2.4 %		0.4801538	0.45	0.0000000	0.00	0.0064261	8.23	0.0000003	######	24.1310	8.23	0.0897407	0.45	0.0000000	0.00	0.193209	0.32	0.0017326	15.23	0.0009800	######	16.0593	0.28	0.0163029	8.33	13.50154	4.79	141.8854	0.45	0.0000000	0.00	0.0613947	2.67
13D08196	2.7 %		0.3065667	0.55	0.0000000	0.00	0.0077996	6.58	0.0000022	519.62	29.2889	6.58	0.0572973	0.55	0.0000000	0.00	0.293597	0.25	0.0021029	14.41	0.0072193	519.62	24.4033	0.19	0.0197876	6.71	14.27493	3.52	90.5905	0.55	0.0000000	0.00	0.0932940	2.67
13D08197	3.0 %		0.2181658	0.71	0.0000000	0.00	0.0108173	4.90	0.0000000	0.00	40.6206	4.90	0.0407752	0.71	0.0000000	0.00	0.373713	0.22	0.0029166	13.72	0.0000000	0.00	31.0625	0.15	0.0274433	5.08	14.45474	3.22	64.4680	0.71	0.0000000	0.00	0.1187521	2.66
13D08198	3.3 %		0.1592023	0.89	0.0000000	0.00	0.0133386	3.92	0.0000018	686.26	50.0886	3.91	0.0297549	0.89	0.0000000	0.00	0.453540	0.21	0.0035964	13.40	0.0058114	686.26	37.6976	0.13	0.0338398	4.13	15.41898	2.77	47.0443	0.89	0.0000000	0.00	0.1441180	2.66
13D08200	3.6 %		0.1167248	1.10	0.0000000	0.00	0.0156641	3.42	0.0000000	0.00	58.8214	3.41	0.0218159	1.10	0.0000000	0.00	0.552558	0.20	0.0042234	13.27	0.0000000	0.00	45.9278	0.11	0.0397397	3.66	17.51832	2.22	34.4922	1.10	0.0000000	0.00	0.1755821	2.66
13D08201	3.7 %		0.0681992	1.47	0.0000000	0.00	0.0084809	6.36	0.0000032	366.31	31.8473	6.36	0.0127464	1.47	0.0000000	0.00	0.303326	0.24	0.0022866	14.31	0.0102503	366.31	25.2120	0.18	0.0215160	6.50	9.72637	3.19	20.1529	1.47	0.0000000	0.00	0.0963855	2.67
13D08202	3.9 %		0.0601620	1.70	0.0000000	0.00	0.0123426	4.44	0.0000000	0.00	46.3485	4.44	0.0112443	1.70	0.0000000	0.00	0.422165	0.22	0.0033278	13.57	0.0000000	0.00	35.0897	0.14	0.0313131	4.63	12.76339	2.48	17.7779	1.70	0.0000000	0.00	0.1341481	2.66
13D08204	4.2 %		0.0647251	1.63	0.0000000	0.00	0.0219816	2.38	0.0000000	0.00	82.5445	2.38	0.0120971	1.63	0.0000000	0.00	0.730447	0.19	0.0059267	13.04	0.0000000	0.00	60.7137	0.10	0.0557671	2.72	20.75793	1.56	19.1263	1.63	0.0000000	0.00	0.2321085	2.66
13D08205	4.5 %		0.0519940	2.01	0.0000000	0.00	0.0212468	2.56	0.0000000	0.00	79.7852	2.56	0.0097177	2.01	0.0000000	0.00	0.724470	0.19	0.0057286	13.07	0.0000000	0.00	60.2169	0.10	0.0539029	2.88	20.29198	1.59	15.3642	2.01	0.0000000	0.00	0.2302093	2.66
13D08206	4.7 %		0.0442492	2.26	0.0000000	0.00	0.0218577	2.55	0.0000000	0.00	82.0794	2.54	0.0082702	2.26	0.0000000	0.00	0.758138	0.19	0.0058933	13.07	0.0000000	0.00	63.0154	0.09	0.0554528	2.87	21.12881	1.46	13.0756	2.26	0.0000000	0.00	0.2409079	2.66
13D08208	4.8 %		0.0367406	2.70	0.0000000	0.00	0.0219306	2.48	0.0000000	0.00	82.3530	2.47	0.0068668	2.70	0.0000000	0.00	0.753041	0.19	0.0059129	13.06	0.0000000	0.00	62.5917	0.10	0.0556377	2.80	20.94310	1.46	10.8569	2.70	0.0000000	0.00	0.2392882	2.66
13D08209	5.1 %	✓	0.0341789	2.92	0.0000000	0.00	0.0220968	2.39	0.0000000	0.00	82.9770	2.39	0.0063880	2.92	0.0000000	0.00	0.758919	0.19	0.0059577	13.04	0.0000000	0.00	63.0803	0.10	0.0560593	2.73	20.48189	1.51	10.0999	2.92	0.0000000	0.00	0.2411561	2.66
13D08210	5.4 %	✓	0.0314879	3.11	0.0000000	0.00	0.0234504	2.43	0.0000000	0.00	88.0602	2.43	0.0058851	3.11	0.0000000	0.00	0.793722	0.18	0.0063227	13.05	0.0000000	0.00	65.9731	0.09	0.0594935	2.76	21.34512	1.42	9.3047	3.11	0.0000000	0.00	0.2522150	2.66
13D08212	5.7 %	✓	0.0290983	3.63	0.0000000	0.00	0.0223978	2.46	0.0000000	0.00	84.1075	2.45	0.0054385	3.63	0.0000000	0.00	0.786549	0.18	0.0060389	13.05	0.0000000	0.00	65.3769	0.09	0.0568230	2.79	20.84844	1.56	8.5986	3.63	0.0000000	0.00	0.2499359	2.66
13D08213	5.9 %	✓	0.0240732	3.85	0.0000000	0.00	0.0230915	2.29	0.0000000	0.00	86.7123	2.29	0.0044993	3.85	0.0000000	0.00	0.774059	0.19	0.0062259	13.02	0.0000000	0.00	64.3387	0.09	0.0585828	2.64	21.05740	1.37	7.1136	3.85	0.0000000	0.00	0.2459670	2.66
13D08214	6.1 %	✓	0.0237355	4.11	0.0000000	0.00	0.0207528	2.72	0.0000000	0.00	77.9301	2.72	0.0044362	4.11	0.0000000	0.00	0.712087	0.19	0.0055954	13.10	0.0000000	0.00	59.1877	0.10	0.0526496	3.02	18.93281	1.60	7.0139	4.11	0.0000000	0.00	0.2262746	2.66
13D08216	6.5 %	✓	0.0237541	4.07	0.0000000	0.00	0.0231878	2.30	0.0000000	0.00	87.0740	2.30	0.0044396	4.07	0.0000000	0.00	0.784521	0.18	0.0062519	13.02	0.0000000	0.00	65.2083	0.09	0.0588272	2.65	20.94276	1.43	7.0193	4.07	0.0000000	0.00	0.2492914	2.66
13D08217	6.9 %	✓	0.0277843	3.55	0.0000000	0.00	0.0279885	2.02	0.0000000	0.00	105.1013	2.01	0.0051929	3.55	0.0000000	0.00	0.925186	0.18	0.0075463	12.98	0.0000000	0.00	76.9002	0.09	0.0710065	2.41	24.42535	1.25	8.2103	3.55	0.0000000	0.00	0.2939893	2.66
13D08218	7.1 %	✓	0.0233493	4.18	0.0000000	0.00	0.0207520	2.69	0.0000000	0.00	77.9273	2.69	0.0043640	4.18	0.0000000	0.00	0.695642	0.19	0.0055952	13.10	0.0000000	0.00	57.8208	0.10	0.0526477	2.99	18.23573	1.66	6.8997	4.18	0.0000000	0.00	0.2210491	2.66
13D08220	7.3 %	✓	0.0202190	4.62	0.0000000	0.00	0.0189513	2.86	0.0000054	225.96	71.1653	2.86	0.0037789	4.62	0.0000000	0.00	0.625609	0.19	0.0051097	13.13	0.0174151	225.97	51.9998	0.11	0.0480793	3.15	16.45165	1.77	5.9747	4.62	0.0000000	0.00	0.1987951	2.66
13D08221	7.8 %	✓	0.0233927	4.08	0.0000000	0.00	0.0220585	2.53	0.0000047	249.22	82.8333	2.53	0.0043721	4.08	0.0000000	0.00	0.662244	0.19	0.0059474	13.07	0.0153440	249.22	55.0448	0.11	0.0559622	2.85	17.74552	1.67	6.9125	4.08	0.0000000	0.00	0.2104363	2.66
13D08222	8.1 %	✓	0.0254095	3.69	0.0000000	0.00	0.0205070	2.74	0.0000000	0.00	77.0071	2.73	0.0047490	3.69	0.0000000	0.00	0.625872	0.19	0.0055291	13.11	0.0000000	0.00	52.0216	0.11	0.0520260	3.04	16.24146	1.80	7.5085	3.69	0.0000000	0.00	0.1988786	2.66
13D08224	8.3 %	✓	0.0217542	4.30	0.0000000	0.00	0.0172567	3.07	0.0000168	72.02	64.8016	3.06	0.0040659	4.30	0.0000000	0.00	0.494422	0.20	0.0046528	13.18	0.0542217	72.02	41.0957	0.12	0.0437800	3.33	13.01319	2.24	6.4284	4.30	0.0000000	0.00	0.1571088	2.66
13D08225	8.8 %	✓	0.0268655	3.63	0.0000000	0.00	0.0191996	2.80	0.0000217	56.67	72.0977	2.80	0.0050212	3.63	0.0000000	0.00	0.512291	0.20	0.0051766	13.12	0.0702081	56.68	42.5809	0.12	0.0487092	3.10	13.69204	2.21	7.9387	3.63	0.0000000	0.00	0.1627869	2.66
13D08226	9.3 %		0.0302655	3.12	0.0000000	0.00	0.0208050	2.53	0.0000064	179.27	78.1262	2.53	0.0056566	3.12	0.0000000	0.00	0.511073	0.20	0.0056095	13.07	0.0206813	179.27	42.4797	0.12	0.0527821	2.85	13.23224	2.22	8.9435	3.12	0.0000000	0.00	0.1623999	2.66
13D08228	9.9 %		0.0407865	2.46	0.0000000	0.00	0.0225917	2.33	0.0000153	80.36	84.8354	2.33	0.0076230	2.46	0.0000000	0.00	0.496902	0.20	0.0060912	13.03	0.0495558	80.37	41.3018	0.12	0.0573148	2.68	12.89948	2.40	12.0524	2.46	0.0000000	0.00	0.1578968	2.66
13D08229	10.5 %		0.0397755	2.63	0.0000000	0.00	0.0247425	2.16	0.0000158	78.19	92.9121	2.16	0.0074340	2.63	0.0000000	0.00	0.476434	0.21	0.0066711	13.00	0.0511800	78.20	39.6005	0.13	0.0627714	2.53	12.26520	2.62	11.7536	2.63	0.0000000	0.00	0.1513929	2.66
13D08230	11.2 %		0.0515666	2.00	0.0000000	0.00	0.0322488	1.78	0.0000075	167.83	121.0994	1.78	0.0096378	2.00	0.0000000	0.00	0.484710	0.21	0.0086949	12.94	0.0243242	167.83	40.2884	0.13	0.0818148	2.21	12.34589	2.58	15.2379	2.00	0.0000000	0.00	0.1540225	2.66
13D08232	11.9 %		0.0513102	2.14	0.0000000	0.00	0.0307324	1.85	0.0000000	0.00	115.4052	1.85	0.0095899	2.14	0.0000000	0.00	0.412525	0.22	0.0082861	12.95	0.0000000	0.00	34.2885	0.15	0.0779678	2.27	10.33154	3.26	15.1622	2.14	0.0000000	0.00	0.1310848	2.66
13D08233	12.8 %		0.0667034	1.78	0.0000000	0.00	0.0428321	1.41	0.0000039	308.57	160.8415	1.40	0.0124669	1.78	0.0000000	0.00	0.436145	0.21	0.0115484	12.90	0.0127300	308.57	36.2518	0.13	0.1086645	1.92	10.76970	3.38	19.7109	1.78	0.0000000	0.00	0.1385905	2.66
13D08234	13.9 %		0.0817651	1.67	0.0000000	0.00	0.0618503	1.07	0.0000277	42.18	232.2581	1.06	0.0152819	1.67	0.0000000	0.00	0.431092	0.21	0.0166761	12.86	0.0896098	42.19	35.8317	0.14	0.1569136	1.69	10.96000	3.78	24.1616	1.67	0.0000000	0.00	0.1369847	2.66
13D08236	15.2 %		0.0993920	1.47	0.0000000	0.00	0.0814548	0.87	0.0000313	38.27	305.8761	0.86	0.0185764	1.47	0.0000000	0.00	0.427527	0.21	0.0219619	12.85	0.1010550	38.28	35.5354	0.14	0.2066499	1.58	11.18826	3.94	29.3703	1.47	0.0000000	0.00	0.1358519	2.66
13D08237	16.7 %		0.1065670	1.41	0.0000000	0.00	0.0906205	0.82	0.0000428	28.04	340.2947	0.81	0.0199174	1.41	0.0000000	0.00	0.410814	0.22	0.0244332	12.85	0.1383030	28.06	34.1463	0.14	0.2299031	1.55	10.71171	4.22	31.4906	1.41	0.0000000	0.00	0.1305412	2.66
13D08238	18.2 %		0.1146888	1.38	0.0000000	0.00	0.1036750	0.79	0.0000120	99.57	389.3164	0.77	0.0214353	1.38	0.0000000	0.00	0.376776	0.22	0.0279529	12.84	0.0389147	99.57	31.3171	0.16	0.2630222	1.53	9.73116	4.89	33.8905	1.38	0.0000000	0.00	0.1197254	2.66
13D08240	19.7 %		0.1001115	1.48	0.0000000	0.00	0.0881001	0.86	0.0000202	59.69	330.8301	0.84	0.0187108	1.48	0.0000000	0.00	0.325273	0.24	0.0237536	12.85	0.0651647	59.70	27.0362	0.18	0.2235088	1.57	8.18069	5.48	29.5829	1.48	0.0000000	0.00	0.1033596	2.67
13D08242	21.2 %		0.0863332	1.66	0.0000000	0.00	0.0845645	0.88	0.0000118	97.74	317.5534	0.86	0.0161357	1.66	0.0000000	0.00	0.294943	0.25	0.0228003	12.85	0.0380482	97.74	24.5152	0.19	0.2145391	1.58	8.20021	5.26	25.5115	1.66	0.0000000	0.00	0.0937217	2.67
		Σ	8.7587894	0.16	0.0000000	0.00	1.1379168	0.32	0.0002862	19.74	4273.0634	0.32	1.6370177	0.16	0.0000000	0.00	20.031919	0.03	0.3068060	2.75	0.9250003	19.74	1665.0252	0.02	2.8868816	0.42	624.83520	0.68	2588.2223	0.16	0.0000000	0.00	6.3653915	0.46
		Σ							9.8969925	0.15	4273.0634	0.32											22.900743	0.80			1667.9121	0.02							3219.4229	0.19

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
13D08190	1.8 %		160.609606	0.878978	2.200210	0.263082	0.527682	0.003236	190.231	42.944803	1.00134406	5.874E-11
13D08192	2.0 %		72.451358	0.569958	2.143328	0.371348	0.233166	0.001995	190.249	42.959532	1.00134418	1.886E-11
13D08193	2.2 %		31.001583	0.192065	1.415841	0.299701	0.098944	0.000732	190.258	42.967193	1.00134424	1.011E-11
13D08194	2.4 %		9.669836	0.027780	1.501096	0.123603	0.030268	0.000156	190.266	42.974266	1.00134430	7.462E-12
13D08196	2.7 %		4.297512	0.008962	1.199227	0.078953	0.012872	0.000070	190.283	42.989005	1.00134442	5.038E-12
13D08197	3.0 %		2.542346	0.004824	1.306551	0.064063	0.007365	0.000048	190.292	42.996082	1.00134448	3.794E-12
13D08198	3.3 %		1.659288	0.003262	1.327501	0.051969	0.004573	0.000035	190.301	43.003749	1.00134455	3.005E-12
13D08200	3.6 %		1.135281	0.002348	1.279628	0.043720	0.002880	0.000025	190.318	43.018498	1.00134467	2.505E-12
13D08201	3.7 %		1.187929	0.004161	1.262102	0.080315	0.003039	0.000034	190.326	43.025580	1.00134473	1.439E-12
13D08202	3.9 %		0.873419	0.002876	1.319679	0.058608	0.002064	0.000025	190.335	43.032662	1.00134479	1.472E-12
13D08204	4.2 %		0.660139	0.001635	1.358322	0.032290	0.001427	0.000015	190.352	43.047422	1.00134491	1.926E-12
13D08205	4.5 %		0.595419	0.001633	1.323778	0.033850	0.001215	0.000015	190.361	43.055098	1.00134497	1.723E-12
13D08206	4.7 %		0.546137	0.001529	1.301383	0.033119	0.001048	0.000013	190.369	43.062186	1.00134503	1.653E-12
13D08208	4.8 %		0.511422	0.001523	1.314549	0.032540	0.000937	0.000013	190.387	43.076955	1.00134516	1.538E-12
13D08209	5.1 %	✓	0.488196	0.001511	1.314250	0.031420	0.000891	0.000013	190.395	43.084046	1.00134521	1.479E-12
13D08210	5.4 %	✓	0.467981	0.001470	1.333587	0.032393	0.000832	0.000012	190.404	43.091729	1.00134528	1.483E-12
13D08212	5.7 %	✓	0.453847	0.001463	1.285385	0.031558	0.000787	0.000014	190.422	43.106509	1.00134540	1.425E-12
13D08213	5.9 %	✓	0.441276	0.001483	1.346521	0.030854	0.000732	0.000012	190.430	43.113605	1.00134546	1.364E-12
13D08214	6.1 %	✓	0.441809	0.001624	1.315490	0.035747	0.000751	0.000013	190.439	43.121293	1.00134552	1.256E-12
13D08216	6.5 %	✓	0.432245	0.001455	1.334117	0.030681	0.000719	0.000012	190.456	43.135491	1.00134564	1.354E-12
13D08217	6.9 %	✓	0.427817	0.001235	1.365464	0.027534	0.000725	0.000011	190.465	43.143184	1.00134570	1.581E-12
13D08218	7.1 %	✓	0.438137	0.001643	1.346512	0.036203	0.000762	0.000014	190.473	43.150286	1.00134576	1.217E-12
13D08220	7.3 %	✓	0.434699	0.001809	1.367306	0.039108	0.000753	0.000015	190.490	43.165085	1.00134589	1.086E-12
13D08221	7.8 %	✓	0.451328	0.001728	1.503306	0.038011	0.000825	0.000014	190.499	43.172783	1.00134595	1.194E-12
13D08222	8.1 %	✓	0.459904	0.001839	1.478813	0.040465	0.000882	0.000014	190.508	43.179890	1.00134601	1.150E-12
13D08224	8.3 %	✓	0.476396	0.002298	1.575170	0.048266	0.000949	0.000019	190.525	43.194699	1.00134613	9.407E-13
13D08225	8.8 %	✓	0.511230	0.002233	1.691257	0.047406	0.001081	0.000019	190.533	43.201810	1.00134619	1.046E-12
13D08226	9.3 %		0.525201	0.002243	1.836859	0.046527	0.001201	0.000018	190.542	43.209514	1.00134625	1.072E-12
13D08228	9.9 %		0.607116	0.002318	2.051191	0.047821	0.001533	0.000021	190.560	43.224334	1.00134638	1.205E-12
13D08229	10.5 %		0.609385	0.002432	2.342519	0.050588	0.001627	0.000023	190.568	43.231449	1.00134644	1.160E-12
13D08230	11.2 %		0.687087	0.002441	2.999723	0.053427	0.002076	0.000021	190.576	43.238566	1.00134649	1.331E-12
13D08232	11.9 %		0.745634	0.002851	3.358080	0.062216	0.002387	0.000028	190.594	43.253395	1.00134662	1.230E-12
13D08233	12.8 %		0.842101	0.002770	4.423531	0.062149	0.003013	0.000029	190.603	43.261109	1.00134668	1.470E-12
13D08234	13.9 %		0.979714	0.002881	6.453650	0.068921	0.003991	0.000034	190.611	43.268230	1.00134674	1.692E-12
13D08236	15.2 %		1.138559	0.003024	8.557875	0.074496	0.005061	0.000036	190.628	43.283070	1.00134686	1.953E-12
13D08237	16.7 %		1.231458	0.003219	9.899143	0.081403	0.005737	0.000039	190.637	43.290195	1.00134692	2.032E-12
13D08238	18.2 %		1.385092	0.003589	12.327882	0.097337	0.006915	0.000044	190.646	43.297915	1.00134699	2.100E-12
13D08240	19.7 %		1.389118	0.004147	12.136212	0.104676	0.006905	0.000048	190.663	43.312765	1.00134711	1.818E-12
13D08242	21.2 %		1.366993	0.004454	12.840948	0.113473	0.006911	0.000051	190.681	43.327620	1.00134723	1.623E-12

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
13D08190	1.8 %	0.0155160 ± 0.0004563	0.0348462 ± 0.0342914	0.0014833 ± 0.0268680	0.0488549 ± 0.0339422	3.9552928 ± 0.0861711
13D08192	2.0 %	0.0156510 ± 0.0004563	0.0336215 ± 0.0342914	0.0122621 ± 0.0268680	0.0526820 ± 0.0339422	4.1863095 ± 0.0861711
13D08193	2.2 %	0.0157065 ± 0.0004563	0.0326801 ± 0.0342914	0.0164961 ± 0.0268680	0.0542775 ± 0.0339422	4.2815706 ± 0.0861711
13D08194	2.4 %	0.0157492 ± 0.0004563	0.0316713 ± 0.0342914	0.0196629 ± 0.0268680	0.0555217 ± 0.0339422	4.3559711 ± 0.0861711
13D08196	2.7 %	0.0158134 ± 0.0004563	0.0292656 ± 0.0342914	0.0242404 ± 0.0268680	0.0574451 ± 0.0339422	4.4738147 ± 0.0861711
13D08197	3.0 %	0.0158330 ± 0.0004563	0.0280199 ± 0.0342914	0.0255870 ± 0.0268680	0.0580646 ± 0.0339422	4.5145894 ± 0.0861711
13D08198	3.3 %	0.0158467 ± 0.0004563	0.0266413 ± 0.0342914	0.0265076 ± 0.0268680	0.0585269 ± 0.0339422	4.5486540 ± 0.0861711
13D08200	3.6 %	0.0158520 ± 0.0004563	0.0240024 ± 0.0342914	0.0269365 ± 0.0268680	0.0588457 ± 0.0339422	4.5885793 ± 0.0861711
13D08201	3.7 %	0.0158455 ± 0.0004563	0.0227820 ± 0.0342914	0.0266174 ± 0.0268680	0.0587517 ± 0.0339422	4.5975328 ± 0.0861711
13D08202	3.9 %	0.0158336 ± 0.0004563	0.0216144 ± 0.0342914	0.0260188 ± 0.0268680	0.0585103 ± 0.0339422	4.6009057 ± 0.0861711
13D08204	4.2 %	0.0157928 ± 0.0004563	0.0194123 ± 0.0342914	0.0240553 ± 0.0268680	0.0575758 ± 0.0339422	4.5930984 ± 0.0861711
13D08205	4.5 %	0.0157639 ± 0.0004563	0.0184183 ± 0.0342914	0.0227436 ± 0.0268680	0.0568831 ± 0.0339422	4.5826818 ± 0.0861711
13D08206	4.7 %	0.0157329 ± 0.0004563	0.0176061 ± 0.0342914	0.0214080 ± 0.0268680	0.0561329 ± 0.0339422	4.5700850 ± 0.0861711
13D08208	4.8 %	0.0156569 ± 0.0004563	0.0162692 ± 0.0342914	0.0183853 ± 0.0268680	0.0542748 ± 0.0339422	4.5370915 ± 0.0861711
13D08209	5.1 %	0.0156156 ± 0.0004563	0.0158073 ± 0.0342914	0.0168810 ± 0.0268680	0.0532639 ± 0.0339422	4.5190593 ± 0.0861711
13D08210	5.4 %	0.0155678 ± 0.0004563	0.0154419 ± 0.0342914	0.0152542 ± 0.0268680	0.0520988 ± 0.0339422	4.4986202 ± 0.0861711
13D08212	5.7 %	0.0154685 ± 0.0004563	0.0151317 ± 0.0342914	0.0122402 ± 0.0268680	0.0497058 ± 0.0339422	4.4584504 ± 0.0861711
13D08213	5.9 %	0.0154182 ± 0.0004563	0.0151602 ± 0.0342914	0.0108909 ± 0.0268680	0.0485107 ± 0.0339422	4.4394904 ± 0.0861711
13D08214	6.1 %	0.0153621 ± 0.0004563	0.0153130 ± 0.0342914	0.0095278 ± 0.0268680	0.0472005 ± 0.0339422	4.4196377 ± 0.0861711
13D08216	6.5 %	0.0152560 ± 0.0004563	0.0158953 ± 0.0342914	0.0073407 ± 0.0268680	0.0447902 ± 0.0339422	4.3858261 ± 0.0861711
13D08217	6.9 %	0.0151979 ± 0.0004563	0.0163500 ± 0.0342914	0.0063607 ± 0.0268680	0.0435181 ± 0.0339422	4.3694661 ± 0.0861711
13D08218	7.1 %	0.0151443 ± 0.0004563	0.0168393 ± 0.0342914	0.0055958 ± 0.0268680	0.0423827 ± 0.0339422	4.3557679 ± 0.0861711
13D08220	7.3 %	0.0150342 ± 0.0004563	0.0180057 ± 0.0342914	0.0044559 ± 0.0268680	0.0401946 ± 0.0339422	4.3318724 ± 0.0861711
13D08221	7.8 %	0.0149787 ± 0.0004563	0.0186496 ± 0.0342914	0.0041108 ± 0.0268680	0.0391830 ± 0.0339422	4.3219745 ± 0.0861711
13D08222	8.1 %	0.0149289 ± 0.0004563	0.0192384 ± 0.0342914	0.0039418 ± 0.0268680	0.0383455 ± 0.0339422	4.3143308 ± 0.0861711
13D08224	8.3 %	0.0148313 ± 0.0004563	0.0203481 ± 0.0342914	0.0040328 ± 0.0268680	0.0369587 ± 0.0339422	4.3026112 ± 0.0861711
13D08225	8.8 %	0.0147881 ± 0.0004563	0.0207731 ± 0.0342914	0.0042748 ± 0.0268680	0.0364944 ± 0.0339422	4.2987127 ± 0.0861711
13D08226	9.3 %	0.0147444 ± 0.0004563	0.0211127 ± 0.0342914	0.0046671 ± 0.0268680	0.0361612 ± 0.0339422	4.2954580 ± 0.0861711
13D08228	9.9 %	0.0146712 ± 0.0004563	0.0212771 ± 0.0342914	0.0057414 ± 0.0268680	0.0360839 ± 0.0339422	4.2908924 ± 0.0861711
13D08229	10.5 %	0.0146418 ± 0.0004563	0.0210595 ± 0.0342914	0.0063725 ± 0.0268680	0.0363419 ± 0.0339422	4.2888542 ± 0.0861711
13D08230	11.2 %	0.0146166 ± 0.0004563	0.0206030 ± 0.0342914	0.0070530 ± 0.0268680	0.0368120 ± 0.0339422	4.2864422 ± 0.0861711
13D08232	11.9 %	0.0145789 ± 0.0004563	0.0187245 ± 0.0342914	0.0085322 ± 0.0268680	0.0385398 ± 0.0339422	4.2784383 ± 0.0861711
13D08233	12.8 %	0.0145680 ± 0.0004563	0.0171592 ± 0.0342914	0.0092748 ± 0.0268680	0.0398755 ± 0.0339422	4.2715980 ± 0.0861711
13D08234	13.9 %	0.0145638 ± 0.0004563	0.0152971 ± 0.0342914	0.0099038 ± 0.0268680	0.0413969 ± 0.0339422	4.2629252 ± 0.0861711
13D08236	15.2 %	0.0145743 ± 0.0004563	0.0099352 ± 0.0342914	0.0109010 ± 0.0268680	0.0455290 ± 0.0339422	4.2350596 ± 0.0861711
13D08237	16.7 %	0.0145893 ± 0.0004563	0.0065527 ± 0.0342914	0.0111577 ± 0.0268680	0.0480089 ± 0.0339422	4.2156896 ± 0.0861711
13D08238	18.2 %	0.0146133 ± 0.0004563	0.0022200 ± 0.0342914	0.0112156 ± 0.0268680	0.0510853 ± 0.0339422	4.1892748 ± 0.0861711
13D08240	19.7 %	0.0146839 ± 0.0004563	0.0083002 ± 0.0342914	0.0104982 ± 0.0268680	0.0582192 ± 0.0339422	4.1192807 ± 0.0861711
13D08242	21.2 %	0.0147891 ± 0.0004563	0.0221102 ± 0.0342914	0.0083581 ± 0.0268680	0.0670874 ± 0.0339422	4.0180640 ± 0.0861711

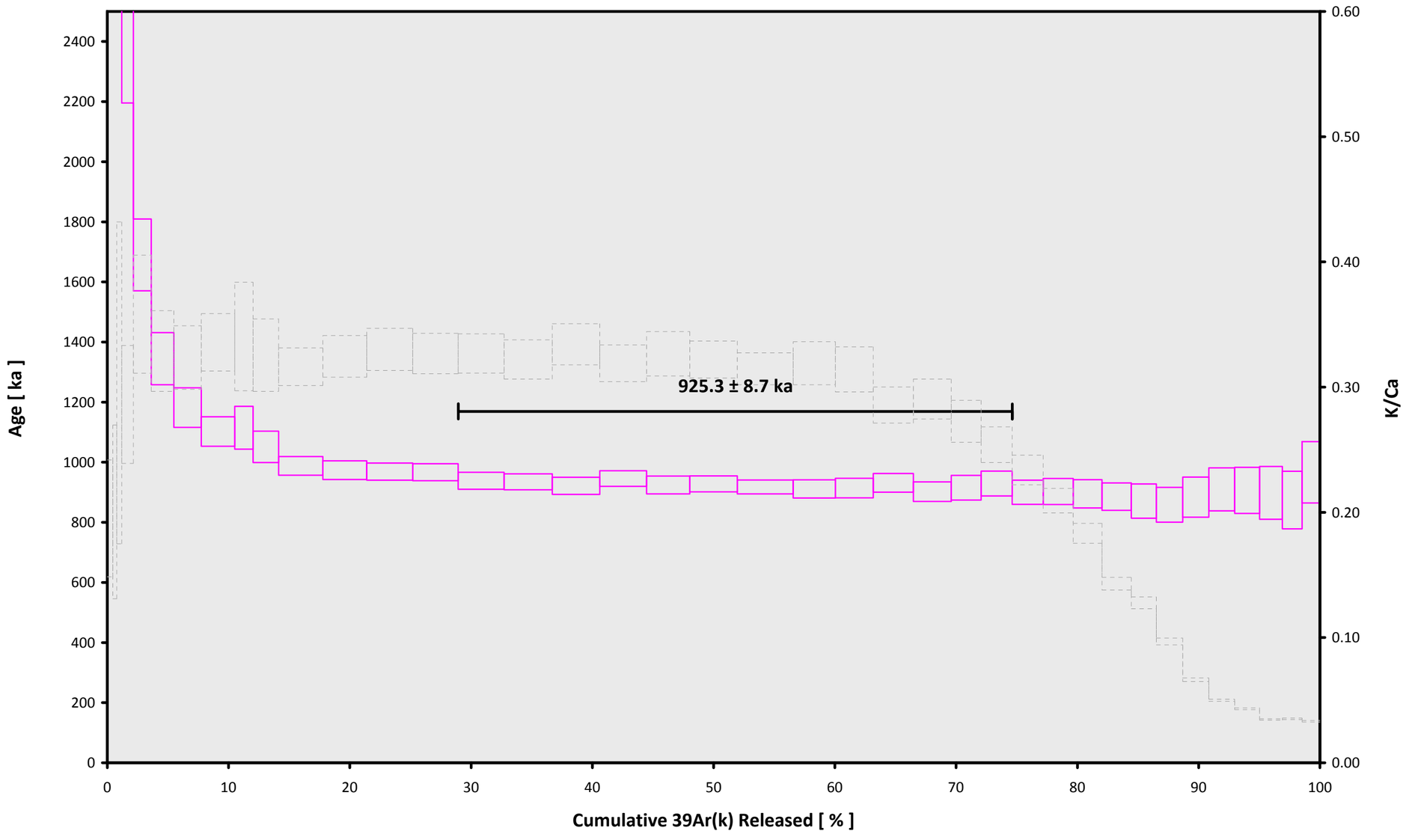
Intercept Values		36Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	37Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	38Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	39Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	40Ar ± 1σ (SE) [fA]	r2	Regression (type,n)
13D08190	1.8 %	3.8863807 ± 0.0042475	0.9748	EXP 150 of 150	0.4182244 ± 0.0302710	0.0031	EXP 150 of 150	0.8974252 ± 0.0281124	0.0711	EXP 150 of 150	7.612711 ± 0.023210	0.6826	EXP 149 of 150	1230.206023 ± 0.085508	0.9998	EXP 150 of 150
13D08192	2.0 %	1.2330866 ± 0.0026774	0.8861	EXP 150 of 150	0.2993563 ± 0.0306134	0.0279	EXP 150 of 150	0.3191700 ± 0.0264876	0.0026	EXP 150 of 150	5.436478 ± 0.025071	0.5762	EXP 150 of 150	397.917366 ± 0.051889	0.9987	EXP 150 of 150
13D08193	2.2 %	0.6631071 ± 0.0020088	0.7882	EXP 150 of 150	0.2526176 ± 0.0314343	0.0002	EXP 150 of 150	0.2023029 ± 0.0291469	0.0018	EXP 150 of 150	6.800969 ± 0.023829	0.7292	EXP 150 of 150	215.406385 ± 0.043610	0.9881	EXP 150 of 150
13D08194	2.4 %	0.4841984 ± 0.0015682	0.7115	EXP 150 of 150	0.5831307 ± 0.0295586	0.0692	EXP 150 of 150	0.2625824 ± 0.0289537	0.0047	EXP 150 of 150	16.013679 ± 0.027503	0.9291	EXP 150 of 150	160.119740 ± 0.039797	0.9296	EXP 150 of 150
13D08196	2.7 %	0.3184680 ± 0.0012457	0.6068	EXP 150 of 150	0.6983670 ± 0.0273586	0.0041	EXP 150 of 150	0.3316666 ± 0.0255105	0.0068	EXP 150 of 150	24.302154 ± 0.026757	0.9722	EXP 150 of 150	109.645465 ± 0.035152	0.5892	EXP 150 of 150
13D08197	3.0 %	0.2362838 ± 0.0011932	0.3663	EXP 150 of 150	0.9558413 ± 0.0293906	0.0364	EXP 150 of 150	0.3825986 ± 0.0265790	0.0159	EXP 149 of 150	30.920922 ± 0.024907	0.9847	EXP 150 of 150	83.716457 ± 0.032411	0.9633	EXP 150 of 150
13D08198	3.3 %	0.1819601 ± 0.0011019	0.2154	EXP 150 of 150	1.1705169 ± 0.0280104	0.0975	EXP 150 of 150	0.4603011 ± 0.0287939	0.0306	EXP 150 of 150	37.514347 ± 0.026345	0.9888	EXP 150 of 150	67.283069 ± 0.032862	0.9812	EXP 150 of 150
13D08200	3.6 %	0.1433079 ± 0.0009676	0.0543	EXP 150 of 150	1.3668486 ± 0.0294649	0.0331	EXP 150 of 150	0.5341631 ± 0.0281343	0.0202	EXP 149 of 150	45.690579 ± 0.025529	0.9927	EXP 150 of 150	56.880546 ± 0.028966	0.9849	EXP 150 of 150
13D08201	3.7 %	0.0896715 ± 0.0006479	0.0366	EXP 150 of 150	0.7497105 ± 0.0307422	0.0085	EXP 150 of 150	0.2980604 ± 0.0255628	0.0162	EXP 150 of 150	25.107912 ± 0.025652	0.9754	EXP 150 of 150	34.633983 ± 0.026331	0.9943	EXP 150 of 150
13D08202	3.9 %	0.0856365 ± 0.0006760	0.0291	EXP 150 of 150	1.0793669 ± 0.0314981	0.0427	EXP 150 of 150	0.3913063 ± 0.0250758	0.0069	EXP 150 of 150	34.922970 ± 0.029822	0.9834	EXP 150 of 150	35.338538 ± 0.029389	0.9920	EXP 150 of 150
13D08204	4.2 %	0.0992687 ± 0.0007243	0.0033	EXP 149 of 150	1.9025738 ± 0.0266333	0.1876	EXP 150 of 150	0.6582010 ± 0.0236236	0.0094	EXP 150 of 150	60.383069 ± 0.031791	0.9939	EXP 149 of 150	44.790808 ± 0.029958	0.9847	EXP 150 of 150
13D08205	4.5 %	0.0862756 ± 0.0007070	0.0490	EXP 148 of 150	1.8383050 ± 0.0296467	0.0609	EXP 150 of 150	0.6674398 ± 0.0261190	0.0181	EXP 150 of 150	59.887383 ± 0.028320	0.9950	EXP 150 of 150	40.541916 ± 0.032996	0.9828	EXP 150 of 150
13D08206	4.7 %	0.0793766 ± 0.0006371	0.0953	EXP 150 of 150	1.8895133 ± 0.0312467	0.0868	EXP 149 of 150	0.6867633 ± 0.0277623	0.0241	EXP 150 of 150	62.666198 ± 0.028462	0.9953	EXP 150 of 150	39.085324 ± 0.029251	0.9858	EXP 150 of 150
13D08208	4.8 %	0.0721420 ± 0.0006390	0.1418	EXP 150 of 150	1.8937741 ± 0.0294303	0.1615	EXP 150 of 150	0.6914059 ± 0.0291981	0.0090	EXP 150 of 150	62.243936 ± 0.030140	0.9946	EXP 150 of 150	36.641347 ± 0.027586	0.9861	EXP 150 of 150
13D08209	**5.1 %**	**0.0697943 ± 0.0006611**	**0.0587**	**EXP 150 of 150**	**1.9072263 ± 0.0273698**	**0.1280**	**EXP 150 of 150**	**0.7368308 ± 0.0263762**	**0.0697**	**EXP 150 of 150**	**62.728352 ± 0.029904**	**0.9949**	**EXP 150 of 150**	**35.404505 ± 0.029128**	**0.9846**	**EXP 150 of 150**
13D08210	**5.4 %**	**0.0684590 ± 0.0006011**	**0.1113**	**EXP 150 of 150**	**2.0223711 ± 0.0326501**	**0.1030**	**EXP 150 of 150**	**0.7403782 ± 0.0294278**	**0.0274**	**EXP 150 of 150**	**65.602196 ± 0.028880**	**0.9956**	**EXP 150 of 150**	**35.463315 ± 0.034918**	**0.9750**	**EXP 150 of 150**
13D08212	**5.7 %**	**0.0650458 ± 0.0007256**	**0.0596**	**EXP 150 of 150**	**1.9313211 ± 0.0302461**	**0.0755**	**EXP 150 of 150**	**0.7651891 ± 0.0258802**	**0.0493**	**EXP 150 of 150**	**65.005332 ± 0.027022**	**0.9961**	**EXP 150 of 150**	**34.215628 ± 0.032134**	**0.9767**	**EXP 150 of 150**
13D08213	**5.9 %**	**0.0608254 ± 0.0005607**	**0.2469**	**EXP 148 of 150**	**1.9903682 ± 0.0272424**	**0.2282**	**EXP 149 of 150**	**0.7328682 ± 0.0272272**	**0.0294**	**EXP 150 of 150**	**63.975305 ± 0.029756**	**0.9952**	**EXP 150 of 150**	**32.914135 ± 0.031881**	**0.9780**	**EXP 150 of 150**
13D08214	**6.1 %**	**0.0581927 ± 0.0006068**	**0.1392**	**EXP 150 of 150**	**1.7901561 ± 0.0323181**	**0.0879**	**EXP 149 of 150**	**0.6323459 ± 0.0275642**	**0.0010**	**EXP 150 of 150**	**58.854725 ± 0.030755**	**0.9937**	**EXP 150 of 150**	**30.645676 ± 0.034342**	**0.9764**	**EXP 150 of 150**
13D08216	**6.5 %**	**0.0604488 ± 0.0006157**	**0.1566**	**EXP 150 of 150**	**1.9983368 ± 0.0277740**	**0.1386**	**EXP 149 of 150**	**0.7672190 ± 0.0286614**	**0.0446**	**EXP 150 of 150**	**64.835054 ± 0.027861**	**0.9959**	**EXP 150 of 150**	**32.654449 ± 0.030865**	**0.9742**	**EXP 150 of 150**
13D08217	**6.9 %**	**0.0688925 ± 0.0006136**	**0.0551**	**EXP 150 of 150**	**2.4087975 ± 0.0309958**	**0.2127**	**EXP 150 of 150**	**0.8559561 ± 0.0257548**	**0.0077**	**EXP 150 of 150**	**76.452276 ± 0.031468**	**0.9962**	**EXP 150 of 150**	**37.365888 ± 0.028619**	**0.9704**	**EXP 150 of 150**
13D08218	**7.1 %**	**0.0576024 ± 0.0006127**	**0.0613**	**EXP 150 of 150**	**1.7904265 ± 0.0315056**	**0.0772**	**EXP 150 of 150**	**0.6761593 ± 0.0288405**	**0.0275**	**EXP 150 of 150**	**57.492995 ± 0.027386**	**0.9947**	**EXP 150 of 150**	**29.763726 ± 0.032079**	**0.9731**	**EXP 150 of 150**
13D08220	**7.3 %**	**0.0527502 ± 0.0005649**	**0.2169**	**EXP 150 of 150**	**1.6371370 ± 0.0296727**	**0.0654**	**EXP 150 of 150**	**0.6396582 ± 0.0280559**	**0.0373**	**EXP 150 of 150**	**51.707718 ± 0.028276**	**0.9932**	**EXP 150 of 150**	**27.002941 ± 0.029997**	**0.9775**	**EXP 150 of 150**
13D08221	**7.8 %**	**0.0587409 ± 0.0005774**	**0.1532**	**EXP 149 of 150**	**1.9029125 ± 0.0312163**	**0.1904**	**EXP 150 of 150**	**0.6755675 ± 0.0265059**	**0.0509**	**EXP 150 of 150**	**54.737330 ± 0.031672**	**0.9924**	**EXP 150 of 150**	**29.240934 ± 0.031504**	**0.9709**	**EXP 150 of 150**
13D08222	**8.1 %**	**0.0591345 ± 0.0005511**	**0.0601**	**EXP 150 of 150**	**1.7706806 ± 0.0318967**	**0.0848**	**EXP 150 of 150**	**0.5691195 ± 0.0288489**	**0.0012**	**EXP 149 of 150**	**51.731461 ± 0.030404**	**0.9922**	**EXP 150 of 150**	**28.311770 ± 0.033302**	**0.9666**	**EXP 150 of 150**
13D08224	**8.3 %**	**0.0524048 ± 0.0005793**	**0.0661**	**EXP 150 of 150**	**1.4936846 ± 0.0280742**	**0.0998**	**EXP 150 of 150**	**0.5466620 ± 0.0276466**	**0.0637**	**EXP 150 of 150**	**40.875797 ± 0.027762**	**0.9893**	**EXP 150 of 150**	**23.941046 ± 0.030843**	**0.9750**	**EXP 150 of 150**
13D08225	**8.8 %**	**0.0591576 ± 0.0006271**	**0.1434**	**EXP 149 of 150**	**1.6597242 ± 0.0290343**	**0.0754**	**EXP 150 of 150**	**0.5813320 ± 0.0286481**	**0.0616**	**EXP 150 of 150**	**42.354642 ± 0.029279**	**0.9892**	**EXP 150 of 150**	**26.136502 ± 0.030806**	**0.9708**	**EXP 150 of 150**
13D08226	9.3 %	0.0639181 ± 0.0005856	0.0538	EXP 150 of 150	1.7967886 ± 0.0271989	0.1183	EXP 150 of 150	0.5318578 ± 0.0248544	0.0271	EXP 150 of 150	42.257859 ± 0.027130	0.9907	EXP 150 of 150	26.678884 ± 0.031423	0.9674	EXP 150 of 150
13D08228	9.9 %	0.0757025 ± 0.0006652	0.0016	EXP 149 of 150	1.9487818 ± 0.0267711	0.0937	EXP 150 of 150	0.5477294 ± 0.0287030	0.0329	EXP 150 of 150	41.092971 ± 0.027643	0.9900	EXP 150 of 150	29.451626 ± 0.028969	0.9615	EXP 150 of 150
13D08229	10.5 %	0.0767709 ± 0.0007159	0.0171	EXP 150 of 150	2.1317220 ± 0.0273642	0.1551	EXP 149 of 150	0.5288662 ± 0.0289654	0.0191	EXP 150 of 150	39.409816 ± 0.030819	0.9863	EXP 150 of 150	28.508129 ± 0.029854	0.9607	EXP 150 of 150
13D08230	11.2 %	0.0953161 ± 0.0006564	0.0384	EXP 150 of 150	2.7711387 ± 0.0310613	0.2191	EXP 150 of 150	0.5140048 ± 0.0300348	0.0048	EXP 150 of 150	40.112008 ± 0.030143	0.9872	EXP 150 of 150	32.080549 ± 0.032109	0.9336	EXP 150 of 150
13D08232	11.9 %	0.0935644 ± 0.0007549	0.0312	EXP 150 of 150	2.6390289 ± 0.0306978	0.1435	EXP 150 of 150	0.4070322 ± 0.0286318	0.0034	EXP 150 of 150	34.153835 ± 0.029902	0.9825	EXP 150 of 150	29.955216 ± 0.028317	0.9490	EXP 150 of 150
13D08233	12.8 %	0.1200259 ± 0.0008349	0.1183	EXP 150 of 150	3.6684544 ± 0.0315769	0.2119	EXP 150 of 150	0.4579586 ± 0.0279433	0.0002	EXP 150 of 150	36.134601 ± 0.026231	0.9881	EXP 150 of 150	34.952875 ± 0.032643	0.8884	EXP 150 of 150
13D08234	13.9 %	0.1528546 ± 0.0009989	0.1972	EXP 150 of 150	5.2869677 ± 0.0321525	0.4687	EXP 150 of 150	0.5361444 ± 0.0258035	0.0322	EXP 150 of 150	35.767051 ± 0.028624	0.9855	EXP 150 of 150	39.593040 ± 0.030904	0.7782	EXP 149 of 150
13D08236	15.2 %	0.1887125 ± 0.0010513	0.2913	EXP 150 of 150	6.9501666 ± 0.0284525	0.6557	EXP 150 of 150	0.5514106 ± 0.0269801	0.0079	EXP 150 of 150	35.526393 ± 0.028452	0.9855	EXP 150 of 150	45.012083 ± 0.032702	0.3775	EXP 150 of 150
13D08237	16.7 %	0.2044704 ± 0.0010607	0.4049	EXP 150 of 150	7.7264593 ± 0.0280666	0.7259	EXP 150 of 150	0.5752101 ± 0.0270891	0.0519	EXP 150 of 150	34.172966 ± 0.028223	0.9844	EXP 150 of 150	46.634390 ± 0.034074	0.1534	EXP 150 of 150
13D08238	18.2 %	0.2248521 ± 0.0010945	0.4775	EXP 150 of 150	8.8326559 ± 0.0309697	0.7039	EXP 150 of 150	0.4483002 ± 0.0270123	0.0052	EXP 150 of 150	31.400449 ± 0.027801	0.9818	EXP 150 of 150	48.019453 ± 0.031087	0.0187	EXP 150 of 150
13D08240	19.7 %	0.1959018 ± 0.0010474	0.4341	EXP 150 of 150	7.4929837 ± 0.0315991	0.6632	EXP 149 of 150	0.4172253 ± 0.0272860	0.0047	EXP 150 of 150	27.118754 ± 0.029245	0.9739	EXP 150 of 150	42.063111 ± 0.030037	0.5601	EXP 150 of 150
13D08242	21.2 %	0.1793302 ± 0.0010002	0.3727	EXP 149 of 150	7.1756675 ± 0.0315603	0.6199	EXP 150 of 150	0.3591194 ± 0.0248729	0.0009	EXP 150 of 150	24.616107 ± 0.027353	0.9733	EXP 150 of 150	37.892061 ± 0.026360	0.7938	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
13D08190	1.8 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08192	2.0 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08193	2.2 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08194	2.4 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08196	2.7 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08197	3.0 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08198	3.3 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08200	3.6 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08201	3.7 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08202	3.9 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08204	4.2 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08205	4.5 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08206	4.7 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08208	4.8 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08209	5.1 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08210	5.4 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08212	5.7 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08213	5.9 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08214	6.1 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08216	6.5 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08217	6.9 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08218	7.1 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08220	7.3 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08221	7.8 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08222	8.1 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08224	8.3 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08225	8.8 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08226	9.3 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08228	9.9 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08229	10.5 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08230	11.2 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08232	11.9 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08233	12.8 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08234	13.9 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08236	15.2 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08237	16.7 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08238	18.2 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08240	19.7 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	01
13D08242	21.2 %	Dan Miggins	13-OSU-05	0.00	0.00	54.70	Galapagos\Balbas (13-19)	13D08189	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
13D08190	1.8 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	3	9	1
13D08192	2.0 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	3	34	1
13D08193	2.2 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	3	47	1
13D08194	2.4 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	3	59	1
13D08196	2.7 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	4	24	1
13D08197	3.0 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	4	36	1
13D08198	3.3 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	4	49	1
13D08200	3.6 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	5	14	1
13D08201	3.7 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	5	26	1
13D08202	3.9 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	5	38	1
13D08204	4.2 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	6	3	1
13D08205	4.5 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	6	16	1
13D08206	4.7 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	6	28	1
13D08208	4.8 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	6	53	1
13D08209	5.1 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	7	5	1
13D08210	5.4 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	7	18	1
13D08212	5.7 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	7	43	1
13D08213	5.9 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	7	55	1
13D08214	6.1 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	8	8	1
13D08216	6.5 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	8	32	1
13D08217	6.9 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	8	45	1
13D08218	7.1 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	8	57	1
13D08220	7.3 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	9	22	1
13D08221	7.8 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	9	35	1
13D08222	8.1 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	9	47	1
13D08224	8.3 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	10	12	1
13D08225	8.8 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	10	24	1
13D08226	9.3 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	10	37	1
13D08228	9.9 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	11	2	1
13D08229	10.5 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	11	14	1
13D08230	11.2 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	11	26	1
13D08232	11.9 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	11	51	1
13D08233	12.8 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	12	4	1
13D08234	13.9 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	12	16	1
13D08236	15.2 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	12	41	1
13D08237	16.7 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	12	53	1
13D08238	18.2 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	13	6	1
13D08240	19.7 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	13	31	1
13D08242	21.2 %	44A-Argon-5	Groundmass	Floreana Island	FCT-3	28.201	0.082	Kuiper et al (2008)	9.83311	0.165	0.00159842	0.165	302.735	0.091	0.99401758	0.062	1	4.8E-14	29	DEC	2013	13	56	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
13D08190	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
13D08192	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
13D08193	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
13D08194	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
13D08196	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
13D08197	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
13D08198	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
13D08200	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
13D08201	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
13D08202	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
13D08204	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
13D08205	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
13D08206	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
13D08208	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
13D08209	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
13D08210	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
13D08212	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
13D08213	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
13D08214	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
13D08216	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
13D08217	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
13D08218	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
13D08220	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
13D08221	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
13D08222	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
13D08224	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
13D08225	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
13D08226	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
13D08228	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
13D08229	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
13D08230	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
13D08232	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
13D08233	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
13D08234	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
13D08236	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
13D08237	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
13D08238	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
13D08240	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
13D08242	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

13D08189.AGE >>> 44A-ARGON-5 >>> GALAPAGOS | BALBAS (13-19) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU
925.3 ± 8.7
TOTAL FUSION
1084.4 ± 15.2
NORMAL ISOCHRON
907.0 ± 53.1
INVERSE ISOCHRON
908.3 ± 52.1

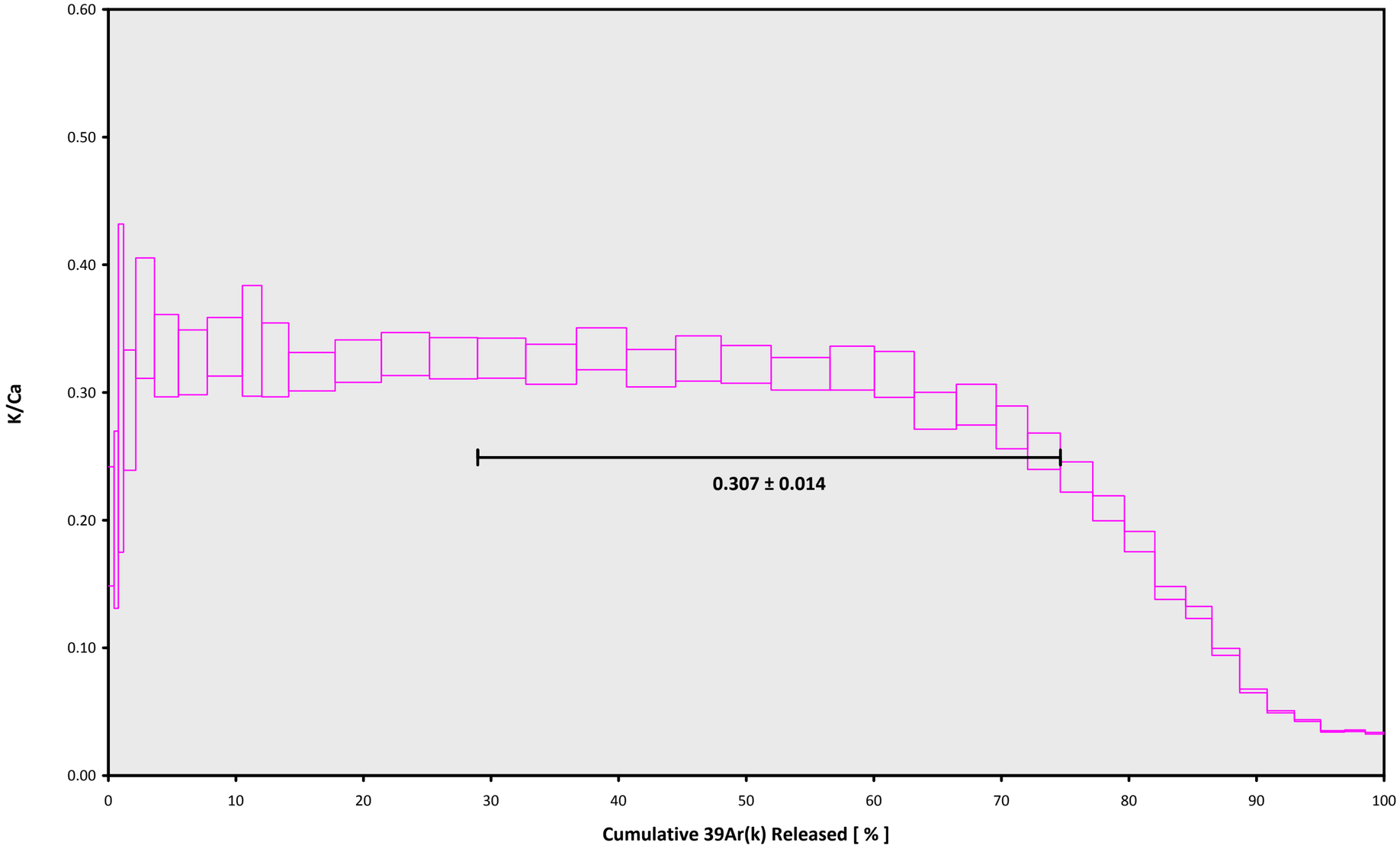
MSWD (PROBABILITY)
0.68 (77%)

Sample Info

Groundmass
Floreana Island
Dan Miggins

IRR = 13-OSU-05
J = 0.00159842 ± 0.00000264

13D08189.AGE >>> 44A-ARGON-5 >>> GALAPAGOS | BALBAS (13-19) PROJECT



Ar-Ages in ka

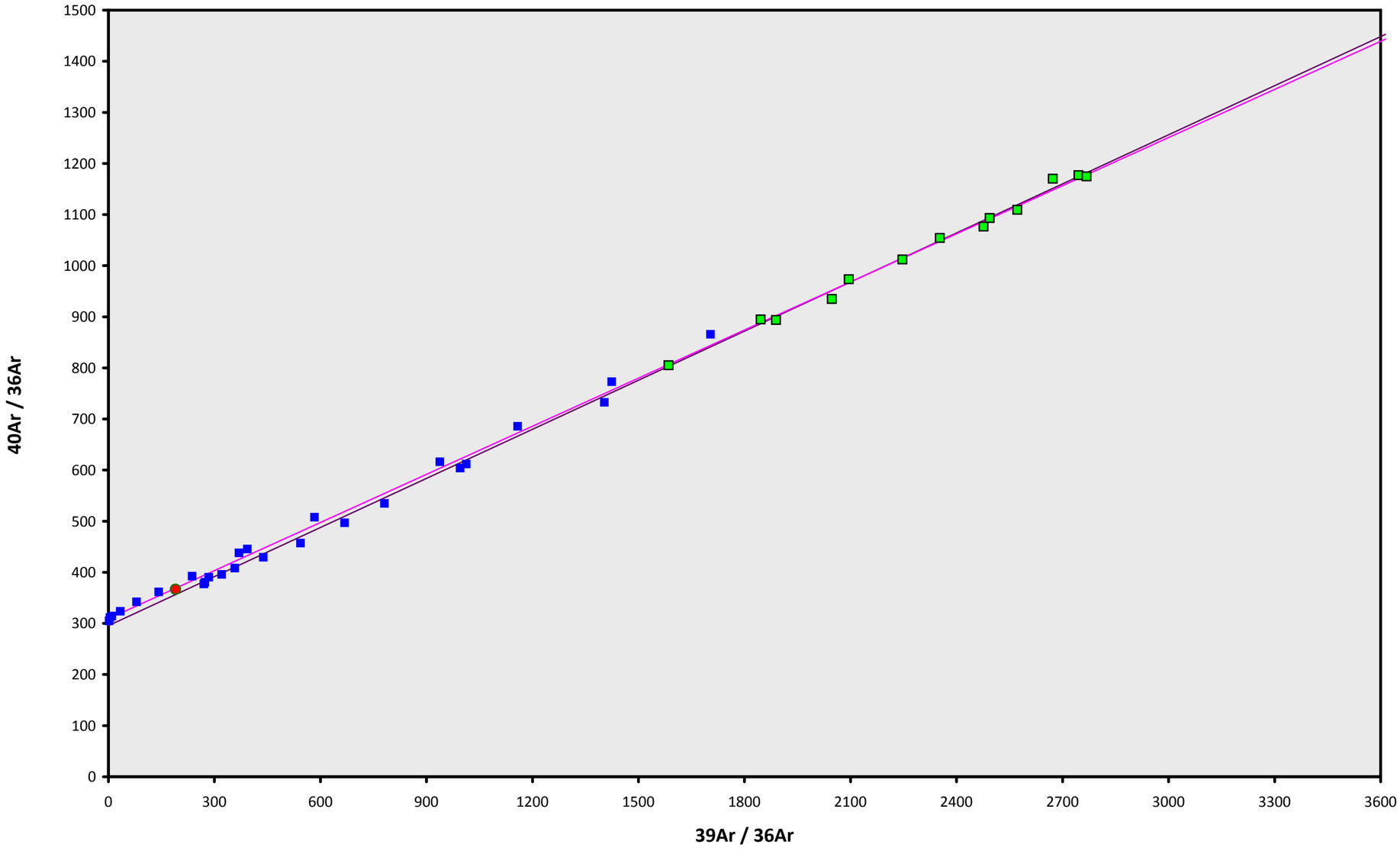
WEIGHTED PLATEAU
925.3 ± 8.7
TOTAL FUSION
1084.4 ± 15.2
NORMAL ISOCHRON
907.0 ± 53.1
INVERSE ISOCHRON
908.3 ± 52.1

Sample Info

Groundmass
Floreana Island
Dan Miggins

IRR = 13-OSU-05
J = 0.00159842 ± 0.00000264

13D08189.AGE >>> 44A-ARGON-5 >>> GALAPAGOS | BALBAS (13-19) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU
925.3 ± 8.7
TOTAL FUSION
1084.4 ± 15.2
NORMAL ISOCHRON
907.0 ± 53.1
INVERSE ISOCHRON
908.3 ± 52.1

MSWD (PROBABILITY)
0.69 (74%)

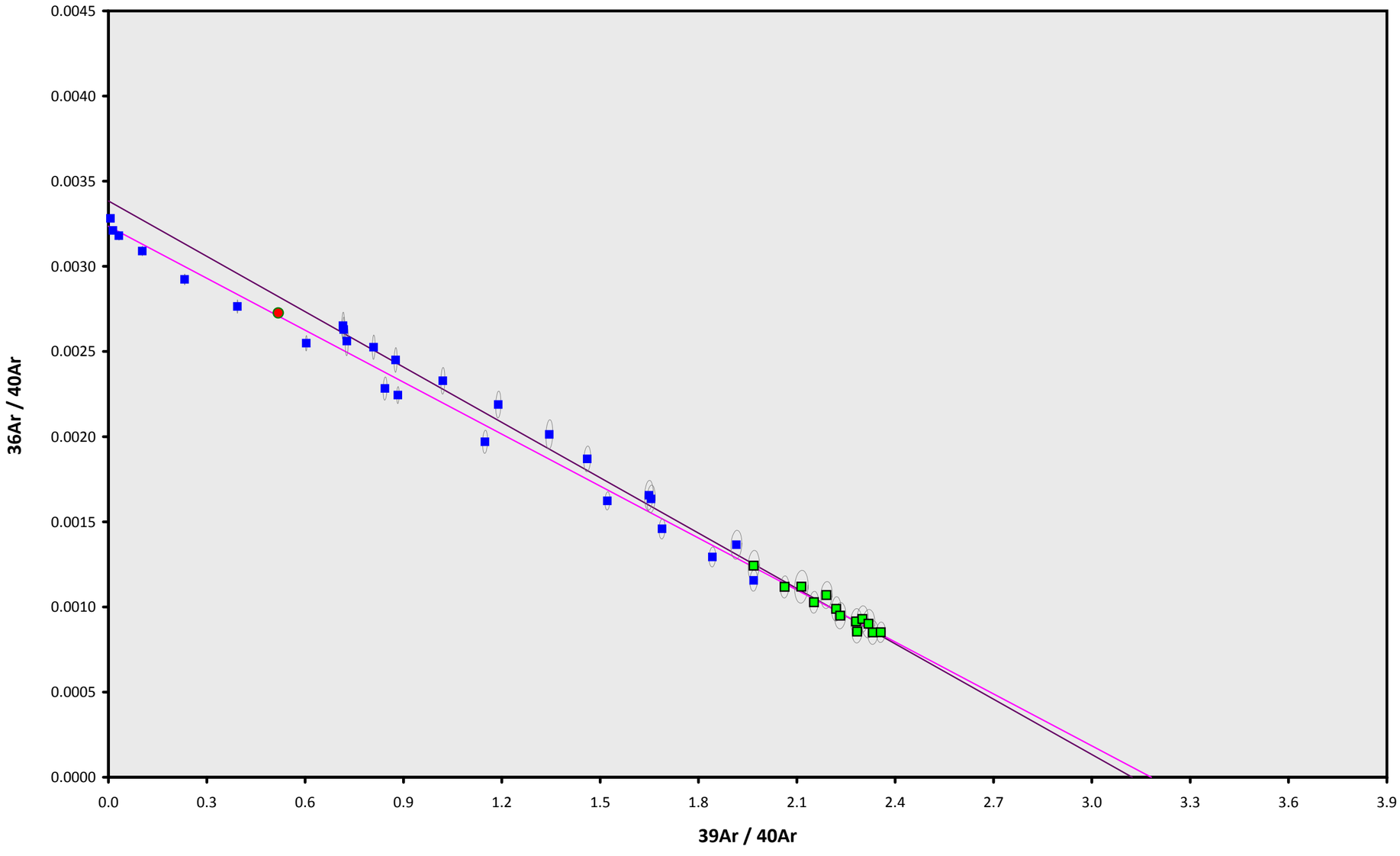
40AR/36AR INTERCEPT
309.3 ± 41.8

Sample Info

Groundmass
Floreana Island
Dan Miggins

IRR = 13-OSU-05
J = 0.00159842 ± 0.00000264

13D08189.AGE >>> 44A-ARGON-5 >>> GALAPAGOS | BALBAS (13-19) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU
925.3 ± 8.7
TOTAL FUSION
1084.4 ± 15.2
NORMAL ISOCHRON
907.0 ± 53.1
INVERSE ISOCHRON
908.3 ± 52.1

MSWD (PROBABILITY)
0.70 (74%)

SPREADING FACTOR
12.2%

40AR/36AR INTERCEPT
309.1 ± 42.3

Sample Info

Groundmass
Floreana Island
Dan Miggins

IRR = 13-OSU-05
J = 0.00159842 ± 0.00000264