

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
13D07447	1.8 %	0.4268244	0.485	24.7996	7.459	0.200412	19.963	11.2571	0.316	130.9696	0.096	0.60066 ± 0.11419	1654.3 ± 314.4	5.16	0.98	0.195 ± 0.029
13D07449	2.0 %	0.0929580	1.273	32.0954	5.990	0.218357	18.520	16.9655	0.227	33.5164	0.371	0.50214 ± 0.04738	1383.1 ± 130.5	25.39	1.48	0.227 ± 0.027
13D07450	2.2 %	0.0308232	3.265	16.2049	11.731	0.134354	27.966	10.1241	0.347	12.4706	0.989	0.45480 ± 0.07028	1252.7 ± 193.5	36.88	0.88	0.268 ± 0.063
13D07451	2.4 %	0.0445741	2.402	48.3743	3.898	0.366428	10.534	28.8210	0.135	20.8053	0.593	0.39360 ± 0.02577	1084.2 ± 71.0	54.46	2.52	0.256 ± 0.020
13D07453	2.7 %	0.0413321	2.538	62.6182	3.101	0.453803	8.372	37.9039	0.120	21.8703	0.566	0.38138 ± 0.01942	1050.6 ± 53.5	66.02	3.31	0.260 ± 0.016
13D07454	3.0 %	0.0302693	3.417	51.8446	3.762	0.357334	11.012	31.5455	0.133	17.0402	0.722	0.38257 ± 0.02310	1053.8 ± 63.6	70.74	2.75	0.261 ± 0.020
13D07455	3.3 %	0.0471231	2.236	90.8829	2.170	0.604411	6.347	55.1396	0.091	26.7728	0.461	0.35929 ± 0.01343	989.7 ± 37.0	73.91	4.81	0.261 ± 0.011
13D07457	3.6 %	✓ 0.0418331	2.527	86.2184	2.249	0.576578	6.347	53.9515	0.094	24.7177	0.500	0.35134 ± 0.01372	967.8 ± 37.8	76.60	4.71	0.269 ± 0.012
13D07458	3.9 %	✓ 0.0471196	2.293	104.4452	1.894	0.733280	5.229	64.1135	0.085	27.8718	0.444	0.34230 ± 0.01177	943.0 ± 32.4	78.65	5.60	0.264 ± 0.010
13D07459	4.2 %	✓ 0.0403645	2.586	90.7748	2.146	0.691791	5.528	57.1278	0.090	24.6739	0.504	0.34471 ± 0.01286	949.6 ± 35.4	79.72	4.99	0.270 ± 0.012
13D07461	4.5 %	✓ 0.0389905	2.752	90.4014	2.160	0.720464	5.217	57.0219	0.091	23.9858	0.515	0.33993 ± 0.01313	936.4 ± 36.2	80.72	4.98	0.271 ± 0.012
13D07462	4.8 %	✓ 0.0459755	2.342	104.4563	1.913	0.805151	4.721	67.7783	0.084	28.1704	0.438	0.33298 ± 0.01112	917.3 ± 30.6	80.03	5.92	0.279 ± 0.011
13D07463	5.1 %	✓ 0.0493049	2.196	111.0625	1.772	0.827550	4.923	71.4728	0.084	29.8955	0.411	0.33324 ± 0.01056	918.0 ± 29.1	79.59	6.24	0.276 ± 0.010
13D07465	5.4 %	✓ 0.0460957	2.292	104.7556	1.898	0.826458	4.445	66.8763	0.085	27.6120	0.445	0.32901 ± 0.01111	906.3 ± 30.6	79.60	5.84	0.274 ± 0.010
13D07466	5.7 %	✓ 0.0385009	2.634	81.0703	2.434	0.669510	6.031	52.7625	0.099	22.6971	0.543	0.33203 ± 0.01366	914.7 ± 37.6	77.10	4.61	0.280 ± 0.014
13D07467	6.1 %	✓ 0.0406862	2.674	82.1428	2.422	0.617309	6.140	51.6623	0.094	22.9785	0.537	0.33372 ± 0.01468	919.3 ± 40.4	74.95	4.51	0.270 ± 0.013
13D07469	6.5 %	✓ 0.0566925	2.009	113.4967	1.755	0.847775	4.514	65.6483	0.087	30.0285	0.413	0.33491 ± 0.01196	922.6 ± 32.9	73.13	5.73	0.248 ± 0.009
13D07470	6.9 %	✓ 0.0556827	1.994	95.3111	2.130	0.619975	6.145	52.2156	0.097	26.4530	0.464	0.33172 ± 0.01479	913.8 ± 40.7	65.40	4.56	0.235 ± 0.010
13D07471	7.3 %	✓ 0.0519513	2.035	80.6611	2.350	0.495365	7.789	39.4145	0.112	22.0941	0.558	0.32877 ± 0.01869	905.7 ± 51.5	58.57	3.44	0.210 ± 0.010
13D07473	7.8 %	✓ 0.0621894	1.812	88.7233	2.229	0.509745	7.223	37.9183	0.113	24.0428	0.514	0.33035 ± 0.02051	910.0 ± 56.5	52.02	3.31	0.183 ± 0.008
13D07474	8.3 %	✓ 0.0708057	1.587	88.4415	2.170	0.362401	10.492	31.5655	0.136	24.4340	0.508	0.32851 ± 0.02449	905.0 ± 67.4	42.36	2.75	0.153 ± 0.007
13D07475	8.8 %	0.0691926	1.652	77.1430	2.521	0.281933	13.190	23.7064	0.166	21.8943	0.563	0.31402 ± 0.03307	865.1 ± 91.1	33.93	2.07	0.132 ± 0.007
13D07477	9.3 %	0.0925829	1.298	95.0450	2.033	0.346982	10.944	23.1564	0.172	26.7617	0.461	0.29442 ± 0.03515	811.1 ± 96.8	25.41	2.02	0.104 ± 0.004
13D07478	9.9 %	0.0994213	1.214	104.6081	1.899	0.312962	12.241	19.1393	0.191	26.6334	0.464	0.28417 ± 0.04287	782.9 ± 118.1	20.35	1.67	0.078 ± 0.003
13D07479	10.5 %	0.1097995	1.155	114.2946	1.684	0.242793	15.564	17.3791	0.216	28.7819	0.427	0.30430 ± 0.04890	838.3 ± 134.7	18.29	1.51	0.065 ± 0.002
13D07481	11.2 %	0.1139675	1.130	120.7692	1.681	0.212794	19.031	15.5190	0.237	28.8926	0.425	0.30187 ± 0.05584	831.6 ± 153.8	16.13	1.35	0.055 ± 0.002
13D07482	11.9 %	0.1312295	0.984	139.3238	1.535	0.197888	20.040	13.1286	0.275	31.2149	0.395	0.25713 ± 0.06681	708.4 ± 184.0	10.74	1.14	0.040 ± 0.001
13D07483	12.8 %	0.1902667	0.736	233.0536	0.974	0.263802	15.223	15.0173	0.238	42.6178	0.291	0.31497 ± 0.06305	867.7 ± 173.7	10.98	1.30	0.027 ± 0.001
13D07485	13.9 %	0.2044750	0.751	261.0174	0.920	0.237966	16.264	13.6312	0.274	43.8546	0.281	0.29160 ± 0.07548	803.3 ± 207.9	8.95	1.18	0.022 ± 0.000
13D07486	15.2 %	0.2405437	0.660	319.1012	0.803	0.276602	13.580	14.2991	0.253	51.0772	0.244	0.35916 ± 0.07487	989.4 ± 206.2	9.90	1.23	0.019 ± 0.000
13D07487	16.7 %	0.2760297	0.596	360.3274	0.767	0.274762	14.300	12.5840	0.279	57.5482	0.215	0.34803 ± 0.08886	958.7 ± 244.7	7.46	1.08	0.015 ± 0.000
13D07489	18.2 %	0.2512628	0.634	338.3940	0.806	0.173997	22.051	9.3144	0.391	50.0923	0.247	0.26845 ± 0.11744	739.6 ± 323.5	4.87	0.79	0.012 ± 0.000
13D07490	19.7 %	0.2297191	0.703	289.9003	0.869	0.138126	28.763	6.2207	0.580	48.1157	0.258	0.50206 ± 0.17697	1382.9 ± 487.3	6.29	0.53	0.009 ± 0.000
13D07492	21.2 %	0.1597563	0.868	160.9241	1.330	0.121231	32.325	2.8197	1.234	36.2776	0.340	0.63724 ± 0.33986	1755.0 ± 935.6	4.76	0.24	0.007 ± 0.000
Σ		3.5683435	0.205	4262.6823	0.285	14.720287	1.528	1147.2008	0.023	1116.8628	0.065					

Information on Analysis and Constants Used in Calculations

Project = **BALBAS (13-19)**
Sample = **44A-ARGON-3**
Material = **Groundmass**
Location = **Floreana Island**
Region = **Galapagos**
Analyst = **Andrea Balbas**
Irradiation = **13-OSU-05**
Position = **X: 0 | Y: 0 | Z/H: 68.6 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **10.31481 ± 0.01619**
FCT-NM J-value = **0.00152377 ± 0.00000239**
Air Shot 40Ar/36Ar = **302.7820 ± 0.2876**
Air Shot MDF = **0.99397965 ± 0.00062378 (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-3B**
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		0.33588 ± 0.00358 ± 1.07%	925.3 ± 10.3 ± 1.11%	0.97	67.17 14	0.235 ± 0.026
			Full External Error ± 23.3 Analytical Error ± 9.9	1.78	2σ Confidence Limit Error Magnification	
Total Fusion Age		0.34390 ± 0.00432 ± 1.26%	947.4 ± 12.3 ± 1.29%		34	0.115 ± 0.001
			Full External Error ± 24.6 Analytical Error ± 11.9			
Normal Isochron	289.93 ± 15.14 ± 5.22%	0.33709 ± 0.00685 ± 2.03%	928.6 ± 19.1 ± 2.06%	0.88	67.17 14	
			Full External Error ± 28.4 Analytical Error ± 18.9	1.82	2σ Confidence Limit Error Magnification	
				1.0000	49 Number of Iterations Convergence	
Inverse Isochron	289.03 ± 15.20 ± 5.26%	0.33842 ± 0.00681 ± 2.01%	932.3 ± 19.0 ± 2.04%	0.99	67.17 14	
			Full External Error ± 28.3 Analytical Error ± 18.8	1.82	2σ Confidence Limit Error Magnification	
Notes				1.0000	3 Number of Iterations Convergence	
Reliable plateua with high and low temp recoil effects.				0.0078861503	39% 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
13D07447	1.8 %	0.4202203	24.7996	0.0000000	11.2403	6.75157	1654.3 ± 314.4	5.16	0.98	0.195 ± 0.029
13D07449	2.0 %	0.0844110	32.0954	0.0000000	16.9439	8.50821	1383.1 ± 130.5	25.39	1.48	0.227 ± 0.027
13D07450	2.2 %	0.0265059	16.2049	0.0065651	10.1132	4.59943	1252.7 ± 193.5	36.88	0.88	0.268 ± 0.063
13D07451	2.4 %	0.0316888	48.3743	0.0106803	28.7883	11.33117	1084.2 ± 71.0	54.46	2.52	0.256 ± 0.020
13D07453	2.7 %	0.0246569	62.6182	0.0000000	37.8616	14.43945	1050.6 ± 53.5	66.02	3.31	0.260 ± 0.016
13D07454	3.0 %	0.0164630	51.8446	0.0000000	31.5104	12.05494	1053.8 ± 63.6	70.74	2.75	0.261 ± 0.020
13D07455	3.3 %	0.0229210	90.8829	0.0000000	55.0782	19.78906	989.7 ± 37.0	73.91	4.81	0.261 ± 0.011
13D07457	3.6 % ✓	0.0188731	86.2184	0.0000000	53.8932	18.93464	967.8 ± 37.8	76.60	4.71	0.269 ± 0.012
13D07458	3.9 % ✓	0.0193059	104.4452	0.0000000	64.0430	21.92211	943.0 ± 32.4	78.65	5.60	0.264 ± 0.010
13D07459	4.2 % ✓	0.0161912	90.7748	0.0000000	57.0665	19.67121	949.6 ± 35.4	79.72	4.99	0.270 ± 0.012
13D07461	4.5 % ✓	0.0149089	90.4014	0.0258911	56.9608	19.36250	936.4 ± 36.2	80.72	4.98	0.271 ± 0.012
13D07462	4.8 % ✓	0.0181588	104.4563	0.0000000	67.7077	22.54563	917.3 ± 30.6	80.03	5.92	0.279 ± 0.011
13D07463	5.1 % ✓	0.0197289	111.0625	0.0000000	71.3978	23.79262	918.0 ± 29.1	79.59	6.24	0.276 ± 0.010
13D07465	5.4 % ✓	0.0181958	104.7556	0.0117988	66.8055	21.97972	906.3 ± 30.6	79.60	5.84	0.274 ± 0.010
13D07466	5.7 % ✓	0.0169040	81.0703	0.0264038	52.7077	17.50046	914.7 ± 37.6	77.10	4.61	0.280 ± 0.014
13D07467	6.1 % ✓	0.0188116	82.1428	0.0000000	51.6068	17.22242	919.3 ± 40.4	74.95	4.51	0.270 ± 0.013
13D07469	6.5 % ✓	0.0264547	113.4967	0.0457890	65.5716	21.96049	922.6 ± 32.9	73.13	5.73	0.248 ± 0.009
13D07470	6.9 % ✓	0.0303014	95.3111	0.0000000	52.1512	17.29958	913.8 ± 40.7	65.40	4.56	0.235 ± 0.010
13D07471	7.3 % ✓	0.0304682	80.6611	0.0103395	39.3600	12.94026	905.7 ± 51.5	58.57	3.44	0.210 ± 0.010
13D07473	7.8 % ✓	0.0385503	88.7233	0.0406954	37.8584	12.50642	910.0 ± 56.5	52.02	3.31	0.183 ± 0.008
13D07474	8.3 % ✓	0.0472537	88.4415	0.0000000	31.5058	10.35010	905.0 ± 67.4	42.36	2.75	0.153 ± 0.007
13D07475	8.8 %	0.0486494	77.1430	0.0000000	23.6543	7.42801	865.1 ± 91.1	33.93	2.07	0.132 ± 0.007
13D07477	9.3 %	0.0672576	95.0450	0.0497655	23.0922	6.79884	811.1 ± 96.8	25.41	2.02	0.104 ± 0.004
13D07478	9.9 %	0.0715455	104.6081	0.0626642	19.0686	5.41882	782.9 ± 118.1	20.35	1.67	0.078 ± 0.003
13D07479	10.5 %	0.0793594	114.2946	0.0115952	17.3019	5.26505	838.3 ± 134.7	18.29	1.51	0.065 ± 0.002
13D07481	11.2 %	0.0818057	120.7692	0.0031060	15.4374	4.66003	831.6 ± 153.8	16.13	1.35	0.055 ± 0.002
13D07482	11.9 %	0.0941236	139.3238	0.0134745	13.0345	3.35157	708.4 ± 184.0	10.74	1.14	0.040 ± 0.001
13D07483	12.8 %	0.1281913	233.0536	0.0443308	14.8598	4.68047	867.7 ± 173.7	10.98	1.30	0.027 ± 0.001
13D07485	13.9 %	0.1349565	261.0174	0.0321258	13.4549	3.92348	803.3 ± 207.9	8.95	1.18	0.022 ± 0.000
13D07486	15.2 %	0.1555506	319.1012	0.0551800	14.0835	5.05820	989.4 ± 206.2	9.90	1.23	0.019 ± 0.000
13D07487	16.7 %	0.1800546	360.3274	0.0667695	12.3405	4.29492	958.7 ± 244.7	7.46	1.08	0.015 ± 0.000
13D07489	18.2 %	0.1611454	338.3940	0.0102715	9.0858	2.43912	739.6 ± 323.5	4.87	0.79	0.012 ± 0.000
13D07490	19.7 %	0.1525138	289.9003	0.0163216	6.0248	3.02483	1382.9 ± 487.3	6.29	0.53	0.009 ± 0.000
13D07492	21.2 %	0.1168857	160.9241	0.0552151	2.7110	1.72754	1755.0 ± 935.6	4.76	0.24	0.007 ± 0.000
Σ		2.4330125	4262.6823	0.5989827	1144.3210	393.53286				

Information on Analysis	Results	40(r)/39(k) ± 2σ	Age ± 2σ (ka)	MSWD	39Ar(k) (%),n	K/Ca ± 2σ
Project = BALBAS (13-19) Sample = 44A-ARGON-3 Material = Groundmass Location = Floreana Island Region = Galapagos Analyst = Andrea Balbas Irradiation = 13-OSU-05 J = 0.00152377 ± 0.00000239 FCT-NM = 28.201 ± 0.023 Ma	Age Plateau	0.33588 ± 0.00358 ± 1.07%	925.3 ± 10.3 ± 1.11%	0.97 48%	67.17 14	0.235 ± 0.026
			Full External Error ± 23.3 Analytical Error ± 9.9	1.78 1.0000	2σ Confidence Limit Error Magnification	
	Total Fusion Age	0.34390 ± 0.00432 ± 1.26%	947.4 ± 12.3 ± 1.29%		34	0.115 ± 0.001
			Full External Error ± 24.6 Analytical Error ± 11.9			

Normal Isochron		39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
13D07447	1.8 %	26.75 ± 0.32	311.57 ± 3.21	0.8329
13D07449	2.0 %	200.73 ± 6.20	396.30 ± 12.46	0.9610
13D07450	2.2 %	381.54 ± 32.54	469.02 ± 40.94	0.9706
13D07451	2.4 %	908.47 ± 67.85	653.08 ± 49.37	0.9868
13D07453	2.7 %	1535.54 ± 145.76	881.12 ± 84.21	0.9925
13D07454	3.0 %	1914.01 ± 269.23	1027.74 ± 145.31	0.9945
13D07455	3.3 %	2402.96 ± 246.97	1158.86 ± 119.57	0.9958
13D07457	3.6 % ✓	2855.55 ± 356.23	1298.76 ± 162.53	0.9966
13D07458	3.9 % ✓	3317.28 ± 413.35	1431.02 ± 178.76	0.9973
13D07459	4.2 % ✓	3524.53 ± 507.85	1510.43 ± 218.16	0.9974
13D07461	4.5 % ✓	3820.60 ± 611.41	1594.22 ± 255.64	0.9978
13D07462	4.8 % ✓	3728.65 ± 493.52	1537.08 ± 203.89	0.9977
13D07463	5.1 % ✓	3618.94 ± 441.72	1501.48 ± 183.67	0.9976
13D07465	5.4 % ✓	3671.48 ± 477.35	1503.46 ± 195.92	0.9975
13D07466	5.7 % ✓	3118.05 ± 421.58	1330.78 ± 180.50	0.9966
13D07467	6.1 % ✓	2743.35 ± 353.12	1211.02 ± 156.42	0.9964
13D07469	6.5 % ✓	2478.64 ± 235.61	1125.62 ± 107.39	0.9960
13D07470	6.9 % ✓	1721.08 ± 140.41	866.42 ± 71.13	0.9932
13D07471	7.3 % ✓	1291.84 ± 99.43	720.21 ± 56.00	0.9891
13D07473	7.8 % ✓	982.05 ± 63.44	619.92 ± 40.53	0.9868
13D07474	8.3 % ✓	666.74 ± 34.90	514.53 ± 27.40	0.9801
13D07475	8.8 %	486.22 ± 25.15	448.18 ± 23.68	0.9748
13D07477	9.3 %	343.34 ± 13.40	396.59 ± 15.85	0.9690
13D07478	9.9 %	266.52 ± 9.87	371.24 ± 14.11	0.9644
13D07479	10.5 %	218.02 ± 7.58	361.84 ± 12.86	0.9629
13D07481	11.2 %	188.71 ± 6.51	352.46 ± 12.41	0.9610
13D07482	11.9 %	138.48 ± 4.23	331.11 ± 10.28	0.9508
13D07483	12.8 %	115.92 ± 2.82	332.01 ± 8.15	0.9520
13D07485	13.9 %	99.70 ± 2.52	324.57 ± 8.22	0.9511
13D07486	15.2 %	90.54 ± 2.07	328.02 ± 7.48	0.9516
13D07487	16.7 %	68.54 ± 1.43	319.35 ± 6.56	0.9403
13D07489	18.2 %	56.38 ± 1.31	310.64 ± 6.94	0.9149
13D07490	19.7 %	39.50 ± 1.02	315.33 ± 7.43	0.8647
13D07492	21.2 %	23.19 ± 0.84	310.28 ± 8.24	0.6830

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (ka)	MSWD
Normal Isochron	289.93 ± 15.14 ± 5.22%	0.33709 ± 0.00685 ± 2.03%	928.6 ± 19.1 ± 2.06% Full External Error ± 28.4 Analytical Error ± 18.9	0.88 57%
Statistics	2σ Confidence Limit Error Magnification Number of Data Points	1.82 1.0000 14	Convergence Number of Iterations Calculated Line	0.000003317733 49 Weighted York-2

Inverse Isochron		39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
13D07447	1.8 %	0.0858522 ± 0.0005688	0.00320959 ± 0.00003309	0.0536
13D07449	2.0 %	0.5065178 ± 0.0044187	0.00252337 ± 0.00007937	0.2017
13D07450	2.2 %	0.8134820 ± 0.0171097	0.00213208 ± 0.00018611	0.2146
13D07451	2.4 %	1.3910604 ± 0.0170209	0.00153121 ± 0.00011575	0.1540
13D07453	2.7 %	1.7427192 ± 0.0202976	0.00113493 ± 0.00010847	0.1166
13D07454	3.0 %	1.8623443 ± 0.0275494	0.00097301 ± 0.00013757	0.1012
13D07455	3.3 %	2.0735560 ± 0.0196703	0.00086292 ± 0.00008904	0.0886
13D07457	3.6 % ✓	2.1986770 ± 0.0225775	0.00076997 ± 0.00009636	0.0793
13D07458	3.9 % ✓	2.3181309 ± 0.0211577	0.00069880 ± 0.00008729	0.0705
13D07459	4.2 % ✓	2.3334613 ± 0.0241090	0.00066206 ± 0.00009563	0.0693
13D07461	4.5 % ✓	2.3965264 ± 0.0253162	0.00062726 ± 0.00010059	0.0639
13D07462	4.8 % ✓	2.4257950 ± 0.0218735	0.00065058 ± 0.00008630	0.0656
13D07463	5.1 % ✓	2.4102533 ± 0.0204255	0.00066601 ± 0.00008147	0.0666
13D07465	5.4 % ✓	2.4420265 ± 0.0223563	0.00066513 ± 0.00008668	0.0678
13D07466	5.7 % ✓	2.3430218 ± 0.0261253	0.00075144 ± 0.00010192	0.0796
13D07467	6.1 % ✓	2.2653182 ± 0.0249448	0.00082575 ± 0.00010665	0.0828
13D07469	6.5 % ✓	2.2020260 ± 0.0187663	0.00088840 ± 0.00008476	0.0856
13D07470	6.9 % ✓	1.9864372 ± 0.0190021	0.00115418 ± 0.00009475	0.1117
13D07471	7.3 % ✓	1.7936884 ± 0.0205443	0.00138848 ± 0.00010796	0.1417
13D07473	7.8 % ✓	1.5841631 ± 0.0167843	0.00161312 ± 0.00010547	0.1546
13D07474	8.3 % ✓	1.2958105 ± 0.0136909	0.00194351 ± 0.00010351	0.1852
13D07475	8.8 %	1.0848653 ± 0.0127954	0.00223122 ± 0.00011789	0.2055
13D07477	9.3 %	0.8657369 ± 0.0085559	0.00252152 ± 0.00010080	0.2171
13D07478	9.9 %	0.7179315 ± 0.0072232	0.00269368 ± 0.00010237	0.2263
13D07479	10.5 %	0.6025227 ± 0.0057868	0.00276362 ± 0.00009826	0.2151
13D07481	11.2 %	0.5353953 ± 0.0052290	0.00283716 ± 0.00009991	0.2113
13D07482	11.9 %	0.4182407 ± 0.0040430	0.00302016 ± 0.00009377	0.2087
13D07483	12.8 %	0.3491420 ± 0.0026447	0.00301194 ± 0.00007393	0.1832
13D07485	13.9 %	0.3071676 ± 0.0024337	0.00308098 ± 0.00007805	0.1582
13D07486	15.2 %	0.2760199 ± 0.0019620	0.00304861 ± 0.00006955	0.1469
13D07487	16.7 %	0.2146143 ± 0.0015366	0.00313133 ± 0.00006429	0.1259
13D07489	18.2 %	0.1815062 ± 0.0017134	0.00321920 ± 0.00007194	0.1155
13D07490	19.7 %	0.1252758 ± 0.0016386	0.00317125 ± 0.00007473	0.0864
13D07492	21.2 %	0.0747503 ± 0.0019878	0.00322290 ± 0.00008558	0.0655

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (ka)	MSWD
Inverse Isochron	289.03 ± 15.20 ± 5.26%	0.33842 ± 0.00681 ± 2.01%	932.3 ± 19.0 ± 2.04% Full External Error ± 28.3 Analytical Error ± 18.8	0.99 45%
Statistics	2σ Confidence Limit Error Magnification Number of Data Points Spreading Factor	1.82 1.0000 14 38.8%	Convergence Number of Iterations Calculated Line	0.0078861503 3 Weighted York-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
13D07447	1.8 %	0.4202203	0.51	0.0000000	0.00	0.0066041	7.46	0.0000000	0.00	24.7996	7.46	0.0785392	0.51	0.0000000	0.00	0.135233	0.36	0.0017806	14.83	0.0000000	0.00	11.2403	0.32	0.0167546	7.58	6.75157	9.50	124.17510	0.51	0.0000000	0.00	0.0429718	2.68
13D07449	2.0 %	0.0844110	1.53	0.0000000	0.00	0.0085470	5.99	0.0000000	0.00	32.0954	5.99	0.0157764	1.53	0.0000000	0.00	0.203852	0.28	0.0023044	14.15	0.0000000	0.00	16.9439	0.23	0.0216836	6.13	8.50821	4.71	24.94345	1.53	0.0000000	0.00	0.0647764	2.67
13D07450	2.2 %	0.0265059	4.25	0.0000000	0.00	0.0043154	11.73	0.0000020	572.42	16.2049	11.73	0.0049540	4.25	0.0000000	0.00	0.121671	0.38	0.0011635	17.38	0.0065651	572.42	10.1132	0.35	0.0109480	11.81	4.59943	7.72	7.83250	4.25	0.0000000	0.00	0.0386626	2.68
13D07451	2.4 %	0.0316888	3.73	0.0000000	0.00	0.0128821	3.90	0.0000032	361.54	48.3743	3.90	0.0059226	3.73	0.0000000	0.00	0.346352	0.21	0.0034733	13.40	0.0106803	361.54	28.7883	0.13	0.0326817	4.12	11.33117	3.27	9.36404	3.73	0.0000000	0.00	0.1100576	2.66
13D07453	2.7 %	0.0246569	4.74	0.0000000	0.00	0.0166752	3.10	0.0000000	0.00	62.6182	3.10	0.0046084	4.74	0.0000000	0.00	0.455512	0.20	0.0044960	13.19	0.0000000	0.00	37.8616	0.12	0.0423049	3.37	14.43945	2.54	7.28611	4.74	0.0000000	0.00	0.1447447	2.66
13D07454	3.0 %	0.0164630	7.03	0.0000000	0.00	0.0138062	3.77	0.0000000	0.00	51.8446	3.76	0.0030769	7.03	0.0000000	0.00	0.379102	0.21	0.0037224	13.36	0.0000000	0.00	31.5104	0.13	0.0350262	3.99	12.05494	3.02	4.86483	7.03	0.0000000	0.00	0.1204644	2.66
13D07455	3.3 %	0.0229210	5.14	0.0000000	0.00	0.0242021	2.17	0.0000000	0.00	90.8829	2.17	0.0042839	5.14	0.0000000	0.00	0.662646	0.18	0.0065254	13.00	0.0000000	0.00	55.0782	0.09	0.0614005	2.54	19.78906	1.87	6.77315	5.14	0.0000000	0.00	0.2105641	2.66
13D07457	3.6 %	✓ 0.0188731	6.24	0.0000000	0.00	0.0229600	2.25	0.0000000	0.00	86.2184	2.25	0.0035274	6.24	0.0000000	0.00	0.648389	0.19	0.0061905	13.02	0.0000000	0.00	53.8932	0.09	0.0582491	2.61	18.93464	1.95	5.57701	6.24	0.0000000	0.00	0.2060337	2.66
13D07458	3.9 %	✓ 0.0193059	6.23	0.0000000	0.00	0.0278138	1.90	0.0000000	0.00	104.4452	1.89	0.0036083	6.23	0.0000000	0.00	0.770501	0.18	0.0074992	12.96	0.0000000	0.00	64.0430	0.08	0.0705632	2.31	21.92211	1.72	5.70488	6.23	0.0000000	0.00	0.2448363	2.66
13D07459	4.2 %	✓ 0.0161912	7.20	0.0000000	0.00	0.0241733	2.15	0.0000000	0.00	90.7748	2.15	0.0030261	7.20	0.0000000	0.00	0.686567	0.18	0.0065176	13.00	0.0000000	0.00	57.0665	0.09	0.0613274	2.52	19.67121	1.86	4.78451	7.20	0.0000000	0.00	0.2181651	2.66
13D07461	4.5 %	✓ 0.0149089	8.00	0.0000000	0.00	0.0240739	2.17	0.0000077	145.32	90.4014	2.16	0.0027865	8.00	0.0000000	0.00	0.685296	0.18	0.0064908	13.00	0.0258911	145.32	56.9608	0.09	0.0610752	2.53	19.36250	1.93	4.40557	8.00	0.0000000	0.00	0.2177612	2.66
13D07462	4.8 %	✓ 0.0181588	6.62	0.0000000	0.00	0.0278167	1.92	0.0000000	0.00	104.4563	1.91	0.0033939	6.62	0.0000000	0.00	0.814591	0.18	0.0075000	12.96	0.0000000	0.00	67.7077	0.08	0.0705707	2.32	22.54563	1.67	5.36592	6.62	0.0000000	0.00	0.2588465	2.66
13D07463	5.1 %	✓ 0.0197289	6.10	0.0000000	0.00	0.0295759	1.78	0.0000000	0.00	111.0625	1.77	0.0036873	6.10	0.0000000	0.00	0.858987	0.18	0.0079743	12.94	0.0000000	0.00	71.3978	0.08	0.0750338	2.21	23.79262	1.58	5.82990	6.10	0.0000000	0.00	0.2729538	2.66
13D07465	5.4 %	✓ 0.0181958	6.50	0.0000000	0.00	0.0278964	1.90	0.0000035	311.70	104.7556	1.90	0.0034008	6.50	0.0000000	0.00	0.803737	0.18	0.0075215	12.96	0.0117988	311.70	66.8055	0.09	0.0707729	2.31	21.97972	1.69	5.37685	6.50	0.0000000	0.00	0.2553974	2.66
13D07466	5.7 %	✓ 0.0169040	6.76	0.0000000	0.00	0.0215890	2.44	0.0000079	153.03	81.0703	2.43	0.0031594	6.76	0.0000000	0.00	0.634126	0.19	0.0058208	13.05	0.0264038	153.04	52.7077	0.10	0.0547711	2.77	17.50046	2.05	4.99515	6.76	0.0000000	0.00	0.2015015	2.66
13D07467	6.1 %	✓ 0.0188116	6.44	0.0000000	0.00	0.0218746	2.43	0.0000000	0.00	82.1428	2.42	0.0035159	6.44	0.0000000	0.00	0.620881	0.19	0.0058979	13.05	0.0000000	0.00	51.6068	0.09	0.0554957	2.76	17.22242	2.20	5.55882	6.44	0.0000000	0.00	0.1972927	2.66
13D07469	6.5 %	✓ 0.0264547	4.75	0.0000000	0.00	0.0302242	1.76	0.0000137	83.68	113.4967	1.76	0.0049444	4.75	0.0000000	0.00	0.788892	0.18	0.0081491	12.94	0.0457890	83.68	65.5716	0.09	0.0766783	2.20	21.96049	1.78	7.81737	4.75	0.0000000	0.00	0.2506803	2.66
13D07470	6.9 %	✓ 0.0303014	4.08	0.0000000	0.00	0.0253813	2.13	0.0000000	0.00	95.3111	2.13	0.0056633	4.08	0.0000000	0.00	0.627431	0.19	0.0068433	13.00	0.0000000	0.00	52.1512	0.10	0.0643922	2.51	17.29958	2.23	8.95406	4.08	0.0000000	0.00	0.1993741	2.66
13D07471	7.3 %	✓ 0.0304682	3.85	0.0000000	0.00	0.0214800	2.35	0.0000031	373.35	80.6611	2.35	0.0056945	3.85	0.0000000	0.00	0.473540	0.20	0.0057915	13.03	0.0103395	373.36	39.3600	0.11	0.0544946	2.70	12.94026	2.84	9.00334	3.85	0.0000000	0.00	0.1504732	2.66
13D07473	7.8 %	✓ 0.0385503	3.23	0.0000000	0.00	0.0236270	2.23	0.0000121	90.53	88.7233	2.23	0.0072050	3.23	0.0000000	0.00	0.455474	0.20	0.0063703	13.01	0.0406954	90.54	37.8584	0.11	0.0599414	2.59	12.50642	3.10	11.39160	3.23	0.0000000	0.00	0.1447325	2.66
13D07474	8.3 %	✓ 0.0472537	2.61	0.0000000	0.00	0.0235520	2.18	0.0000000	0.00	88.4415	2.17	0.0088317	2.61	0.0000000	0.00	0.379046	0.21	0.0063501	13.00	0.0000000	0.00	31.5058	0.14	0.0597510	2.54	10.35010	3.72	13.96347	2.61	0.0000000	0.00	0.1204466	2.66
13D07475	8.8 %	0.0486494	2.58	0.0000000	0.00	0.0205432	2.53	0.0000000	0.00	77.1430	2.52	0.0090926	2.58	0.0000000	0.00	0.284585	0.23	0.0055389	13.07	0.0000000	0.00	23.6543	0.17	0.0521178	2.85	7.42801	5.26	14.37589	2.58	0.0000000	0.00	0.0904303	2.67
13D07477	9.3 %	0.0672576	1.94	0.0000000	0.00	0.0253105	2.04	0.0000149	76.35	95.0450	2.03	0.0125704	1.94	0.0000000	0.00	0.277822	0.24	0.0068242	12.98	0.0497655	76.35	23.0922	0.17	0.0642124	2.42	6.79884	5.97	19.87461	1.94	0.0000000	0.00	0.0882814	2.67
13D07478	9.9 %	0.0715455	1.84	0.0000000	0.00	0.0278571	1.90	0.0000187	61.17	104.6081	1.90	0.0133719	1.84	0.0000000	0.00	0.229415	0.25	0.0075109	12.96	0.0626642	61.18	19.0686	0.19	0.0706732	2.31	5.41882	7.54	21.14169	1.84	0.0000000	0.00	0.0728994	2.67
13D07479	10.5 %	0.0793594	1.73	0.0000000	0.00	0.0304366	1.69	0.0000035	326.08	114.2946	1.68	0.0148323	1.73	0.0000000	0.00	0.208159	0.27	0.0082064	12.93	0.0115952	326.08	17.3019	0.22	0.0772174	2.14	5.26505	8.03	23.45070	1.73	0.0000000	0.00	0.0661451	2.67
13D07481	11.2 %	0.0818057	1.71	0.0000000	0.00	0.0321608	1.69	0.0000009	#####	120.7692	1.68	0.0152895	1.71	0.0000000	0.00	0.185727	0.29	0.0086712	12.93	0.0031060	#####	15.4374	0.24	0.0815917	2.14	4.66003	9.25	24.17358	1.71	0.0000000	0.00	0.0590171	2.67
13D07482	11.9 %	0.0941236	1.50	0.0000000	0.00	0.0371019	1.54	0.0000040	294.51	139.3238	1.53	0.0175917	1.50	0.0000000	0.00	0.156818	0.32	0.0100035	12.91	0.0134745	294.51	13.0345	0.28	0.0941272	2.02	3.35157	12.99	27.81352	1.50	0.0000000	0.00	0.0498309	2.67
13D07483	12.8 %	0.1281913	1.19	0.0000000	0.00	0.0620622	0.99	0.0000132	90.74	233.0536	0.97	0.0239590	1.19	0.0000000	0.00	0.178779	0.29	0.0167332	12.86	0.0443308	90.74	14.8598	0.24	0.1574510	1.64	4.68047	10.01	37.88053	1.19	0.0000000	0.00	0.0568091	2.67
13D07485	13.9 %	0.1349565	1.23	0.0000000	0.00	0.0695089	0.93	0.0000096	120.73	261.0174	0.92	0.0252234	1.23	0.0000000	0.00	0.161876	0.32	0.0187410	12.85	0.0321258	120.73	13.4549	0.28	0.1763433	1.61	3.92348	12.94	39.87965	1.23	0.0000000	0.00	0.0514381	2.67
13D07486	15.2 %	0.1555506	1.11	0.0000000	0.00	0.0849766	0.82	0.0000165	68.30	319.1012	0.80	0.0290724	1.11	0.0000000	0.00	0.169438	0.30	0.0229115	12.85	0.0551800	68.31	14.0835	0.26	0.2155848	1.55	5.05820	10.42	45.96519	1.11	0.0000000	0.00	0.0538411	2.67
13D07487	16.7 %	0.1800546	1.00	0.0000000	0.00	0.0959552	0.78	0.0000199	59.07	360.3274	0.77	0.0336522	1.00	0.0																			

Additional Parameters		40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
13D07447	1.8 %	11.634402	0.038463	2.203017	0.164482	0.037916	0.000220	183.499	37.597312	1.00129649	6.287E-12
13D07449	2.0 %	1.975559	0.008600	1.891799	0.113404	0.005479	0.000071	183.516	37.610207	1.00129661	1.609E-12
13D07450	2.2 %	1.231773	0.012915	1.600626	0.187857	0.003045	0.000100	183.524	37.616398	1.00129667	5.986E-13
13D07451	2.4 %	0.721880	0.004393	1.678440	0.065460	0.001547	0.000037	183.533	37.623106	1.00129673	9.987E-13
13D07453	2.7 %	0.576994	0.003337	1.652028	0.051273	0.001090	0.000028	183.551	37.636010	1.00129686	1.050E-12
13D07454	3.0 %	0.540180	0.003967	1.643490	0.061870	0.000960	0.000033	183.559	37.642205	1.00129691	8.179E-13
13D07455	3.3 %	0.485545	0.002283	1.648231	0.035793	0.000855	0.000019	183.567	37.648402	1.00129697	1.285E-12
13D07457	3.6 % ✓	0.458147	0.002331	1.598073	0.035979	0.000775	0.000020	183.585	37.661314	1.00129710	1.186E-12
13D07458	3.9 % ✓	0.434726	0.001964	1.629066	0.030879	0.000735	0.000017	183.594	37.668030	1.00129716	1.338E-12
13D07459	4.2 % ✓	0.431907	0.002210	1.588977	0.034136	0.000707	0.000018	183.602	37.674231	1.00129722	1.184E-12
13D07461	4.5 % ✓	0.420643	0.002200	1.585381	0.034279	0.000684	0.000019	183.619	37.687152	1.00129734	1.151E-12
13D07462	4.8 % ✓	0.415626	0.001854	1.541147	0.029517	0.000678	0.000016	183.628	37.693356	1.00129740	1.352E-12
13D07463	5.1 % ✓	0.418278	0.001754	1.553912	0.027572	0.000690	0.000015	183.637	37.700078	1.00129746	1.435E-12
13D07465	5.4 % ✓	0.412882	0.001870	1.566410	0.029767	0.000689	0.000016	183.654	37.713008	1.00129759	1.325E-12
13D07466	5.7 % ✓	0.430175	0.002375	1.536515	0.037423	0.000730	0.000019	183.662	37.719216	1.00129765	1.089E-12
13D07467	6.1 % ✓	0.444784	0.002426	1.589996	0.038537	0.000788	0.000021	183.671	37.725426	1.00129770	1.103E-12
13D07469	6.5 % ✓	0.457415	0.001931	1.728859	0.030382	0.000864	0.000017	183.688	37.738364	1.00129783	1.441E-12
13D07470	6.9 % ✓	0.506611	0.002403	1.825337	0.038912	0.001066	0.000021	183.697	37.745094	1.00129789	1.270E-12
13D07471	7.3 % ✓	0.560557	0.003187	2.046483	0.048140	0.001318	0.000027	183.706	37.751308	1.00129795	1.061E-12
13D07473	7.8 % ✓	0.634067	0.003338	2.339853	0.052225	0.001640	0.000030	183.723	37.764256	1.00129807	1.154E-12
13D07474	8.3 % ✓	0.774073	0.004068	2.801837	0.060931	0.002243	0.000036	183.731	37.770472	1.00129813	1.173E-12
13D07475	8.8 %	0.923562	0.005424	3.254099	0.082199	0.002919	0.000048	183.740	37.777208	1.00129820	1.051E-12
13D07477	9.3 %	1.155695	0.005691	4.104481	0.083728	0.003998	0.000052	183.758	37.790164	1.00129832	1.285E-12
13D07478	9.9 %	1.391556	0.006978	5.465616	0.104299	0.005195	0.000064	183.766	37.796385	1.00129838	1.278E-12
13D07479	10.5 %	1.656120	0.007929	6.576549	0.111663	0.006318	0.000074	183.774	37.802607	1.00129844	1.382E-12
13D07481	11.2 %	1.861762	0.009063	7.782034	0.132126	0.007344	0.000085	183.792	37.815572	1.00129856	1.387E-12
13D07482	11.9 %	2.377621	0.011447	10.612209	0.165474	0.009996	0.000102	183.801	37.822316	1.00129862	1.498E-12
13D07483	12.8 %	2.837917	0.010683	15.519022	0.155577	0.012670	0.000098	183.809	37.828542	1.00129868	2.046E-12
13D07485	13.9 %	3.217209	0.012638	19.148462	0.183831	0.015000	0.000120	183.826	37.841516	1.00129880	2.105E-12
13D07486	15.2 %	3.572070	0.012560	22.316241	0.187944	0.016822	0.000119	183.835	37.847746	1.00129886	2.452E-12
13D07487	16.7 %	4.573133	0.016108	28.633804	0.233817	0.021935	0.000144	183.844	37.854495	1.00129893	2.762E-12
13D07489	18.2 %	5.377954	0.024844	36.330277	0.325345	0.026976	0.000201	183.861	37.867478	1.00129905	2.404E-12
13D07490	19.7 %	7.734768	0.049088	46.602498	0.486835	0.036928	0.000337	183.869	37.873712	1.00129911	2.310E-12
13D07492	21.2 %	12.865730	0.164641	57.071142	1.035124	0.056657	0.000855	183.887	37.886702	1.00129923	1.741E-12

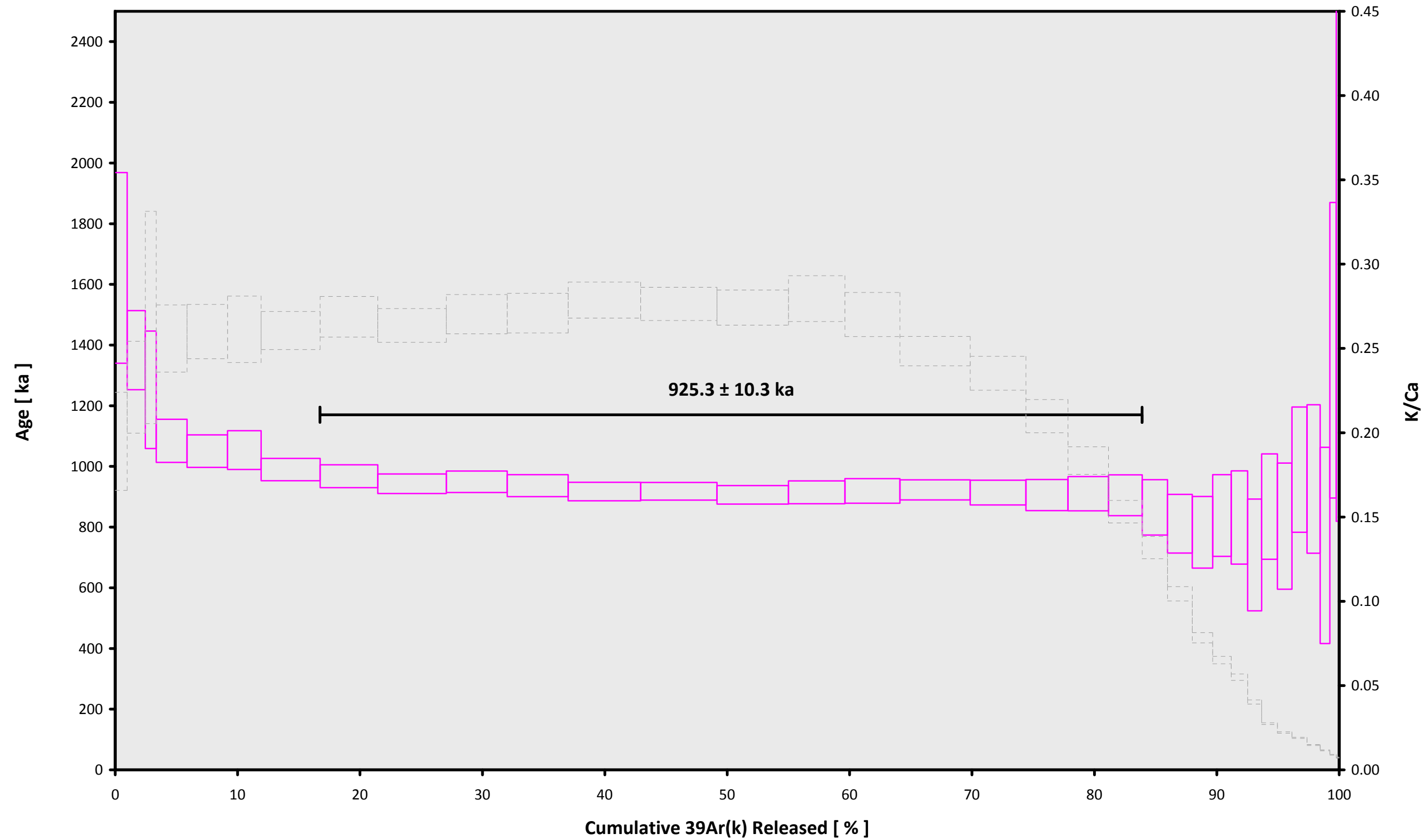
Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
13D07447	1.8 %	0.0170613 ± 0.0008042	0.0206735 ± 0.0391094	0.0227527 ± 0.0270178	0.0316114 ± 0.0238425	4.8669319 ± 0.1199573
13D07449	2.0 %	0.0181807 ± 0.0008042	0.0084761 ± 0.0391094	0.0212381 ± 0.0270178	0.0459917 ± 0.0238425	5.2447372 ± 0.1199573
13D07450	2.2 %	0.0186351 ± 0.0008042	0.0039608 ± 0.0391094	0.0215777 ± 0.0270178	0.0512109 ± 0.0238425	5.3960779 ± 0.1199573
13D07451	2.4 %	0.0190720 ± 0.0008042	0.0000725 ± 0.0391094	0.0225509 ± 0.0270178	0.0557749 ± 0.0238425	5.5402008 ± 0.1199573
13D07453	2.7 %	0.0197647 ± 0.0008042	0.0056535 ± 0.0391094	0.0257239 ± 0.0270178	0.0617554 ± 0.0238425	5.7652850 ± 0.1199573
13D07454	3.0 %	0.0200348 ± 0.0008042	0.0074625 ± 0.0391094	0.0276540 ± 0.0270178	0.0634916 ± 0.0238425	5.8516044 ± 0.1199573
13D07455	3.3 %	0.0202684 ± 0.0008042	0.0087947 ± 0.0391094	0.0297313 ± 0.0270178	0.0645956 ± 0.0238425	5.9254126 ± 0.1199573
13D07457	3.6 %	0.0206499 ± 0.0008042	0.0102972 ± 0.0391094	0.0341992 ± 0.0270178	0.0651741 ± 0.0238425	6.0437351 ± 0.1199573
13D07458	3.9 %	0.0207984 ± 0.0008042	0.0105295 ± 0.0391094	0.0364354 ± 0.0270178	0.0647133 ± 0.0238425	6.0887663 ± 0.1199573
13D07459	4.2 %	0.0209087 ± 0.0008042	0.0104839 ± 0.0391094	0.0383601 ± 0.0270178	0.0639147 ± 0.0238425	6.1217016 ± 0.1199573
13D07461	4.5 %	0.0210667 ± 0.0008042	0.0097893 ± 0.0391094	0.0417170 ± 0.0270178	0.0613509 ± 0.0238425	6.1676357 ± 0.1199573
13D07462	4.8 %	0.0211126 ± 0.0008042	0.0092547 ± 0.0391094	0.0429271 ± 0.0270178	0.0597967 ± 0.0238425	6.1805155 ± 0.1199573
13D07463	5.1 %	0.0211437 ± 0.0008042	0.0085860 ± 0.0391094	0.0438915 ± 0.0270178	0.0579503 ± 0.0238425	6.1889422 ± 0.1199573
13D07465	5.4 %	0.0211576 ± 0.0008042	0.0071840 ± 0.0391094	0.0446239 ± 0.0270178	0.0541149 ± 0.0238425	6.1921073 ± 0.1199573
13D07466	5.7 %	0.0211467 ± 0.0008042	0.0065157 ± 0.0391094	0.0444174 ± 0.0270178	0.0522206 ± 0.0238425	6.1888525 ± 0.1199573
13D07467	6.1 %	0.0211267 ± 0.0008042	0.0058819 ± 0.0391094	0.0438385 ± 0.0270178	0.0503362 ± 0.0238425	6.1832546 ± 0.1199573
13D07469	6.5 %	0.0210618 ± 0.0008042	0.0047519 ± 0.0391094	0.0414459 ± 0.0270178	0.0465621 ± 0.0238425	6.1661588 ± 0.1199573
13D07470	6.9 %	0.0210190 ± 0.0008042	0.0042989 ± 0.0391094	0.0395925 ± 0.0270178	0.0447349 ± 0.0238425	6.1553570 ± 0.1199573
13D07471	7.3 %	0.0209757 ± 0.0008042	0.0039763 ± 0.0391094	0.0375384 ± 0.0270178	0.0431568 ± 0.0238425	6.1447350 ± 0.1199573
13D07473	7.8 %	0.0208788 ± 0.0008042	0.0036188 ± 0.0391094	0.0323266 ± 0.0270178	0.0402616 ± 0.0238425	6.1218307 ± 0.1199573
13D07474	8.3 %	0.0208309 ± 0.0008042	0.0035985 ± 0.0391094	0.0294537 ± 0.0270178	0.0390778 ± 0.0238425	6.1109121 ± 0.1199573
13D07475	8.8 %	0.0207792 ± 0.0008042	0.0036806 ± 0.0391094	0.0261396 ± 0.0270178	0.0379519 ± 0.0238425	6.0993745 ± 0.1199573
13D07477	9.3 %	0.0206836 ± 0.0008042	0.0041008 ± 0.0391094	0.0194252 ± 0.0270178	0.0362372 ± 0.0238425	6.0783762 ± 0.1199573
13D07478	9.9 %	0.0206405 ± 0.0008042	0.0043960 ± 0.0391094	0.0161769 ± 0.0270178	0.0356114 ± 0.0238425	6.0688765 ± 0.1199573
13D07479	10.5 %	0.0205997 ± 0.0008042	0.0047275 ± 0.0391094	0.0130082 ± 0.0270178	0.0350992 ± 0.0238425	6.0596822 ± 0.1199573
13D07481	11.2 %	0.0205229 ± 0.0008042	0.0054347 ± 0.0391094	0.0070142 ± 0.0270178	0.0343264 ± 0.0238425	6.0409521 ± 0.1199573
13D07482	11.9 %	0.0204876 ± 0.0008042	0.0057466 ± 0.0391094	0.0044325 ± 0.0270178	0.0340328 ± 0.0238425	6.0309863 ± 0.1199573
13D07483	12.8 %	0.0204577 ± 0.0008042	0.0059549 ± 0.0391094	0.0025143 ± 0.0270178	0.0337912 ± 0.0238425	6.0212836 ± 0.1199573
13D07485	13.9 %	0.0204029 ± 0.0008042	0.0059805 ± 0.0391094	0.0004268 ± 0.0270178	0.0332425 ± 0.0238425	5.9980479 ± 0.1199573
13D07486	15.2 %	0.0203794 ± 0.0008042	0.0057109 ± 0.0391094	0.0005814 ± 0.0270178	0.0328838 ± 0.0238425	5.9846210 ± 0.1199573
13D07487	16.7 %	0.0203553 ± 0.0008042	0.0051416 ± 0.0391094	0.0017881 ± 0.0270178	0.0323634 ± 0.0238425	5.9676973 ± 0.1199573
13D07489	18.2 %	0.0203097 ± 0.0008042	0.0030062 ± 0.0391094	0.0077539 ± 0.0270178	0.0307711 ± 0.0238425	5.9257653 ± 0.1199573
13D07490	19.7 %	0.0202866 ± 0.0008042	0.0013779 ± 0.0391094	0.0126225 ± 0.0270178	0.0296243 ± 0.0238425	5.8999780 ± 0.1199573
13D07492	21.2 %	0.0202307 ± 0.0008042	0.0036020 ± 0.0391094	0.0277760 ± 0.0270178	0.0261340 ± 0.0238425	5.8307525 ± 0.1199573

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)
13D07447	1.8 %	0.4291362 ± 0.0014980	0.7059	EXP 148 of 150	0.6683884 ± 0.0281444	0.0135	EXP 150 of 150	0.1752465 ± 0.0288513	0.0007	EXP 150 of 150	11.2065835 ± 0.0251648	0.8853	EXP 150 of 150	136.108300 ± 0.036797	0.7977	EXP 150 of 150
13D07449	2.0 %	0.1079264 ± 0.0007791	0.0638	EXP 150 of 150	0.8464552 ± 0.0311245	0.0402	EXP 150 of 150	0.1944900 ± 0.0294326	0.0065	EXP 149 of 150	16.8877586 ± 0.0280424	0.9317	EXP 150 of 150	38.830714 ± 0.034000	0.9948	EXP 150 of 150
13D07450	2.2 %	0.0483932 ± 0.0005398	0.5390	EXP 150 of 150	0.4269849 ± 0.0304594	0.0000	EXP 150 of 150	0.1111587 ± 0.0254562	0.0031	EXP 150 of 150	10.1014443 ± 0.0246620	0.8607	EXP 150 of 150	17.892543 ± 0.029955	0.9973	EXP 150 of 150
13D07451	2.4 %	0.0621057 ± 0.0006399	0.3128	EXP 150 of 150	1.2624992 ± 0.0290443	0.0958	EXP 150 of 150	0.3394660 ± 0.0269109	0.0264	EXP 149 of 150	28.6664695 ± 0.0244175	0.9830	EXP 149 of 150	26.388636 ± 0.030256	0.9964	EXP 150 of 150
13D07453	2.7 %	0.0596685 ± 0.0006073	0.3556	EXP 150 of 150	1.6281256 ± 0.0309235	0.1149	EXP 150 of 150	0.4226158 ± 0.0260508	0.0400	EXP 150 of 150	37.6890647 ± 0.0305138	0.9851	EXP 150 of 150	27.680968 ± 0.031286	0.9953	EXP 150 of 150
13D07454	3.0 %	0.0492580 ± 0.0005874	0.4532	EXP 150 of 150	1.3449993 ± 0.0316798	0.0840	EXP 150 of 150	0.3253779 ± 0.0279515	0.0218	EXP 150 of 150	31.3787874 ± 0.0280441	0.9824	EXP 150 of 150	22.927189 ± 0.028544	0.9962	EXP 150 of 150
13D07455	3.3 %	0.0657631 ± 0.0006118	0.3241	EXP 150 of 150	2.3616601 ± 0.0307268	0.1435	EXP 150 of 150	0.5674030 ± 0.0265661	0.0038	EXP 150 of 150	54.8019112 ± 0.0267088	0.9946	EXP 150 of 150	32.753731 ± 0.030572	0.9939	EXP 150 of 150
13D07457	3.6 %	0.0610374 ± 0.0006200	0.3522	EXP 149 of 150	2.2377252 ± 0.0295504	0.0879	EXP 150 of 150	0.5354375 ± 0.0240154	0.0022	EXP 150 of 150	53.6229816 ± 0.0289880	0.9933	EXP 150 of 150	30.812703 ± 0.030817	0.9931	EXP 150 of 150
13D07458	3.9 %	0.0662897 ± 0.0006541	0.1576	EXP 150 of 150	2.7122449 ± 0.0300385	0.2482	EXP 150 of 150	0.6880173 ± 0.0265361	0.0158	EXP 150 of 150	63.7104433 ± 0.0273283	0.9958	EXP 150 of 150	34.018413 ± 0.031268	0.9918	EXP 150 of 150
13D07459	4.2 %	0.0598784 ± 0.0005995	0.3369	EXP 150 of 150	2.3555280 ± 0.0296392	0.1436	EXP 150 of 150	0.6451023 ± 0.0263938	0.0424	EXP 150 of 150	56.7748884 ± 0.0282720	0.9945	EXP 150 of 150	30.846779 ± 0.033333	0.9909	EXP 150 of 150
13D07461	4.5 %	0.0587098 ± 0.0006457	0.2178	EXP 150 of 150	2.3456841 ± 0.0298368	0.2040	EXP 150 of 150	0.6700735 ± 0.0254642	0.0930	EXP 150 of 150	56.6671738 ± 0.0283786	0.9943	EXP 150 of 150	30.203233 ± 0.030577	0.9912	EXP 150 of 150
13D07462	4.8 %	0.0654993 ± 0.0006486	0.1993	EXP 150 of 150	2.7119792 ± 0.0309078	0.1665	EXP 150 of 150	0.7525310 ± 0.0260658	0.0416	EXP 150 of 150	67.3434989 ± 0.0288309	0.9958	EXP 150 of 150	34.409352 ± 0.030227	0.9897	EXP 150 of 150
13D07463	5.1 %	0.0687448 ± 0.0006569	0.1738	EXP 150 of 150	2.8842339 ± 0.0290427	0.2226	EXP 150 of 150	0.7736959 ± 0.0298167	0.0089	EXP 150 of 150	71.0092579 ± 0.0314736	0.9955	EXP 150 of 150	36.146446 ± 0.027511	0.9903	EXP 150 of 150
13D07465	5.4 %	0.0656605 ± 0.0006174	0.1427	EXP 150 of 150	2.7204262 ± 0.0304018	0.2047	EXP 150 of 150	0.7718845 ± 0.0242059	0.0768	EXP 149 of 150	66.4423872 ± 0.0302914	0.9953	EXP 150 of 150	33.861368 ± 0.027564	0.9898	EXP 150 of 150
13D07466	5.7 %	0.0583172 ± 0.0005503	0.2224	EXP 150 of 150	2.1040333 ± 0.0311833	0.1105	EXP 150 of 150	0.6170330 ± 0.0293386	0.0328	EXP 150 of 150	52.4296913 ± 0.0319443	0.9916	EXP 150 of 150	28.933053 ± 0.029676	0.9898	EXP 150 of 150
13D07467	6.1 %	0.0604069 ± 0.0006683	0.1714	EXP 150 of 150	2.1322351 ± 0.0318136	0.1070	EXP 150 of 150	0.5660389 ± 0.0259196	0.0074	EXP 149 of 150	51.3356187 ± 0.0267681	0.9937	EXP 150 of 150	29.209464 ± 0.030328	0.9884	EXP 150 of 150
13D07469	6.5 %	0.0757953 ± 0.0007365	0.0567	EXP 150 of 150	2.9484710 ± 0.0298426	0.2781	EXP 149 of 150	0.7961227 ± 0.0264262	0.1042	EXP 150 of 150	65.2158136 ± 0.0311678	0.9949	EXP 150 of 150	36.256996 ± 0.032535	0.9797	EXP 150 of 150
13D07470	6.9 %	0.0747775 ± 0.0006957	0.0605	EXP 150 of 150	2.4752860 ± 0.0327216	0.1118	EXP 150 of 150	0.5729188 ± 0.0261933	0.0030	EXP 150 of 150	51.8793153 ± 0.0298392	0.9923	EXP 150 of 150	32.663257 ± 0.027672	0.9872	EXP 150 of 150
13D07471	7.3 %	0.0711318 ± 0.0006155	0.0843	EXP 150 of 150	2.0941328 ± 0.0276798	0.1378	EXP 150 of 150	0.4518635 ± 0.0268808	0.0096	EXP 150 of 150	39.1700168 ± 0.0271141	0.9891	EXP 150 of 150	28.284647 ± 0.029123	0.9876	EXP 150 of 150
13D07473	7.8 %	0.0809191 ± 0.0007165	0.0171	EXP 150 of 150	2.3034088 ± 0.0308592	0.1242	EXP 150 of 150	0.4712815 ± 0.0243476	0.0113	EXP 149 of 150	37.6818646 ± 0.0262725	0.9887	EXP 150 of 150	30.214467 ± 0.030850	0.9825	EXP 150 of 150
13D07474	8.3 %	0.0891897 ± 0.0007070	0.0003	EXP 150 of 150	2.2957228 ± 0.0282710	0.1383	EXP 150 of 150	0.3285847 ± 0.0260977	0.0199	EXP 150 of 150	31.3742576 ± 0.0293451	0.9798	EXP 150 of 150	30.595619 ± 0.032607	0.9785	EXP 150 of 150
13D07475	8.8 %	0.0875808 ± 0.0007365	0.0075	EXP 150 of 150	2.0015430 ± 0.0300343	0.1029	EXP 150 of 150	0.2523989 ± 0.0248932	0.0000	EXP 150 of 150	23.5713628 ± 0.0270422	0.9690	EXP 150 of 150	28.039125 ± 0.029853	0.9832	EXP 150 of 150
13D07477	9.3 %	0.1100672 ± 0.0008044	0.0802	EXP 150 of 150	2.4656138 ± 0.0283541	0.2259	EXP 149 of 150	0.3233800 ± 0.0260243	0.0281	EXP 150 of 150	23.0236550 ± 0.0279982	0.9670	EXP 150 of 150	32.895630 ± 0.030424	0.9746	EXP 150 of 150
13D07478	9.9 %	0.1166262 ± 0.0008063	0.1256	EXP 150 of 150	2.7133647 ± 0.0301209	0.2723	EXP 150 of 150	0.2930171 ± 0.0265032	0.0273	EXP 150 of 150	19.0352446 ± 0.0245510	0.9619	EXP 149 of 150	32.757548 ± 0.030538	0.9733	EXP 150 of 150
13D07479	10.5 %	0.1266049 ± 0.0008834	0.1277	EXP 150 of 150	2.9642033 ± 0.0264741	0.2264	EXP 150 of 150	0.2268618 ± 0.0257614	0.0005	EXP 150 of 150	17.2873843 ± 0.0264149	0.9438	EXP 149 of 150	34.901295 ± 0.028502	0.9690	EXP 150 of 150
13D07481	11.2 %	0.1305521 ± 0.0009056	0.0906	EXP 150 of 150	3.1306054 ± 0.0308116	0.2146	EXP 150 of 150	0.2032179 ± 0.0295091	0.0000	EXP 150 of 150	15.4400445 ± 0.0258450	0.9366	EXP 150 of 150	34.993525 ± 0.027903	0.9674	EXP 150 of 150
13D07482	11.9 %	0.1471823 ± 0.0008966	0.2653	EXP 150 of 150	3.6114612 ± 0.0339435	0.2649	EXP 150 of 150	0.1910730 ± 0.0283720	0.0000	EXP 150 of 150	13.0668574 ± 0.0255054	0.9070	EXP 150 of 150	37.310664 ± 0.029712	0.9537	EXP 150 of 150
13D07483	12.8 %	0.2041495 ± 0.0009804	0.3964	EXP 150 of 150	6.0437245 ± 0.0286419	0.5676	EXP 150 of 150	0.2581115 ± 0.0290530	0.0068	EXP 149 of 150	14.9414813 ± 0.0246261	0.9348	EXP 150 of 150	48.727513 ± 0.033093	0.7840	EXP 150 of 150
13D07485	13.9 %	0.2178120 ± 0.0011386	0.4051	EXP 150 of 150	6.7672692 ± 0.0308144	0.6355	EXP 150 of 150	0.2346746 ± 0.0270555	0.0033	EXP 149 of 150	13.5650066 ± 0.0271123	0.9049	EXP 150 of 150	49.943600 ± 0.030080	0.6848	EXP 150 of 150
13D07486	15.2 %	0.2526108 ± 0.0011628	0.4959	EXP 150 of 150	8.2734172 ± 0.0281624	0.7502	EXP 150 of 150	0.2726908 ± 0.0254400	0.0018	EXP 150 of 150	14.2275841 ± 0.0254262	0.9224	EXP 150 of 150	57.167820 ± 0.034306	0.0196	EXP 150 of 150
13D07487	16.7 %	0.2868464 ± 0.0011874	0.6693	EXP 148 of 150	9.3419391 ± 0.0306619	0.7698	EXP 150 of 150	0.2696665 ± 0.0278700	0.0120	EXP 150 of 150	12.5245088 ± 0.0242067	0.9146	EXP 150 of 150	63.635329 ± 0.031038	0.7092	EXP 150 of 150
13D07489	18.2 %	0.2628898 ± 0.0011555	0.5996	EXP 150 of 150	8.7721025 ± 0.0333520	0.7016	EXP 150 of 150	0.1641485 ± 0.0265866	0.0019	EXP 150 of 150	9.2771729 ± 0.0265064	0.8318	EXP 150 of 150	56.122006 ± 0.030579	0.0907	EXP 150 of 150
13D07490	19.7 %	0.2420675 ± 0.0012109	0.4443	EXP 150 of 150	7.5149716 ± 0.0317120	0.6382	EXP 150 of 150	0.1238408 ± 0.0284719	0.0011	EXP 150 of 150	6.2049263 ± 0.0264363	0.6458	EXP 150 of 150	54.115498 ± 0.032738	0.0067	EXP 150 of 150
13D07492	21.2 %	0.1744664 ± 0.0009946	0.3054	EXP 150 of 150	4.1745091 ± 0.0318231	0.3711	EXP 150 of 150	0.0919959 ± 0.0277304	0.0119	EXP 150 of 150	2.8252652 ± 0.0249185	0.3150	EXP 150 of 150	42.183657 ± 0.029880	0.8277	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
13D07447	1.8 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07449	2.0 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07450	2.2 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07451	2.4 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07453	2.7 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07454	3.0 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07455	3.3 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07457	3.6 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07458	3.9 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07459	4.2 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07461	4.5 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07462	4.8 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07463	5.1 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07465	5.4 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07466	5.7 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07467	6.1 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07469	6.5 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07470	6.9 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07471	7.3 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07473	7.8 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07474	8.3 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07475	8.8 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07477	9.3 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07478	9.9 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07479	10.5 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07481	11.2 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07482	11.9 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07483	12.8 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07485	13.9 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07486	15.2 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07487	16.7 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07489	18.2 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07490	19.7 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	01
13D07492	21.2 %	Andrea Balbas	13-OSU-05	0.00	0.00	68.60	Galapagos\Balbas (13-19)	13D07446	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	
13D07447	1.8 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	9	34	1
13D07449	2.0 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	9	59	1
13D07450	2.2 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	10	11	1
13D07451	2.4 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	10	24	1
13D07453	2.7 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	10	49	1
13D07454	3.0 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	11	1	1
13D07455	3.3 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	11	13	1
13D07457	3.6 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	11	38	1
13D07458	3.9 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	11	51	1
13D07459	4.2 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	12	3	1
13D07461	4.5 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	12	28	1
13D07462	4.8 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	12	40	1
13D07463	5.1 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	12	53	1
13D07465	5.4 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	13	18	1
13D07466	5.7 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	13	30	1
13D07467	6.1 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	13	42	1
13D07469	6.5 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	14	7	1
13D07470	6.9 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	14	20	1
13D07471	7.3 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	14	32	1
13D07473	7.8 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	14	57	1
13D07474	8.3 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	15	9	1
13D07475	8.8 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	15	22	1
13D07477	9.3 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	15	47	1
13D07478	9.9 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	15	59	1
13D07479	10.5 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	16	11	1
13D07481	11.2 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	16	36	1
13D07482	11.9 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	16	49	1
13D07483	12.8 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	17	1	1
13D07485	13.9 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	17	26	1
13D07486	15.2 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	17	38	1
13D07487	16.7 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	17	51	1
13D07489	18.2 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	18	16	1
13D07490	19.7 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	18	28	1
13D07492	21.2 %	44A-Argon-3	Groundmass	Floreana Island	FCT-NM	28.201	0.082	Kuiper et al (2008)	10.31481	0.157	0.00152377	0.157	302.782	0.095	0.99397965	0.063	1	4.8E-14	22	DEC	2013	18	53	1

13D07446.AGE >>> 44A-ARGON-3 >>> GALAPAGOS | BALBAS (13-19) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU

925.3 ± 10.3

TOTAL FUSION

947.4 ± 12.3

NORMAL ISOCHRON

928.6 ± 19.1

INVERSE ISOCHRON

932.3 ± 19.0

MSWD (PROBABILITY)

0.97 (48%)

Sample Info

Groundmass

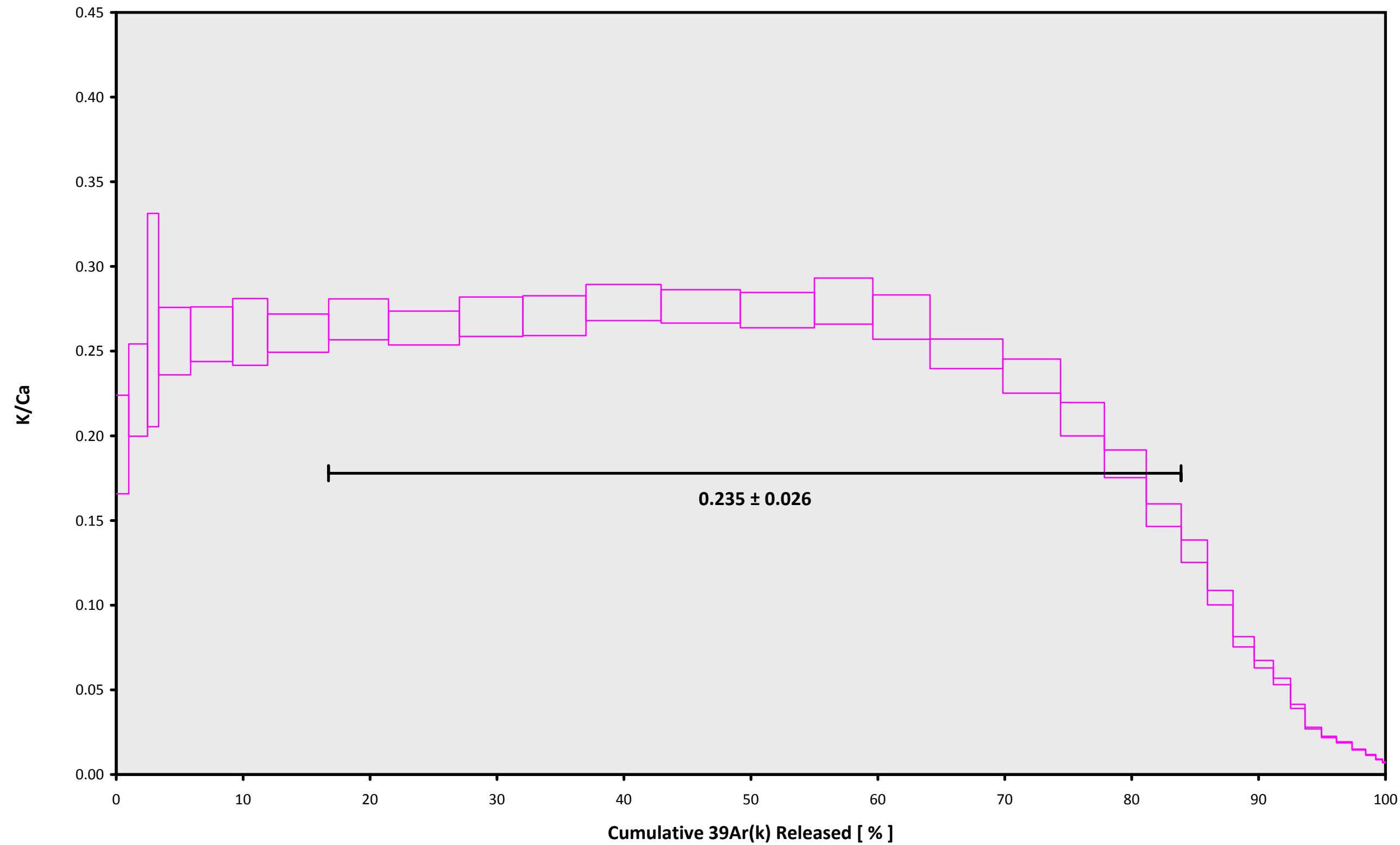
Floreana Island

Andrea Balbas

IRR = 13-OSU-05

J = $0.00152377 \pm 0.00000239$

13D07446.AGE >>> 44A-ARGON-3 >>> GALAPAGOS | BALBAS (13-19) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU

925.3 ± 10.3

TOTAL FUSION

947.4 ± 12.3

NORMAL ISOCHRON

928.6 ± 19.1

INVERSE ISOCHRON

932.3 ± 19.0

Sample Info

Groundmass

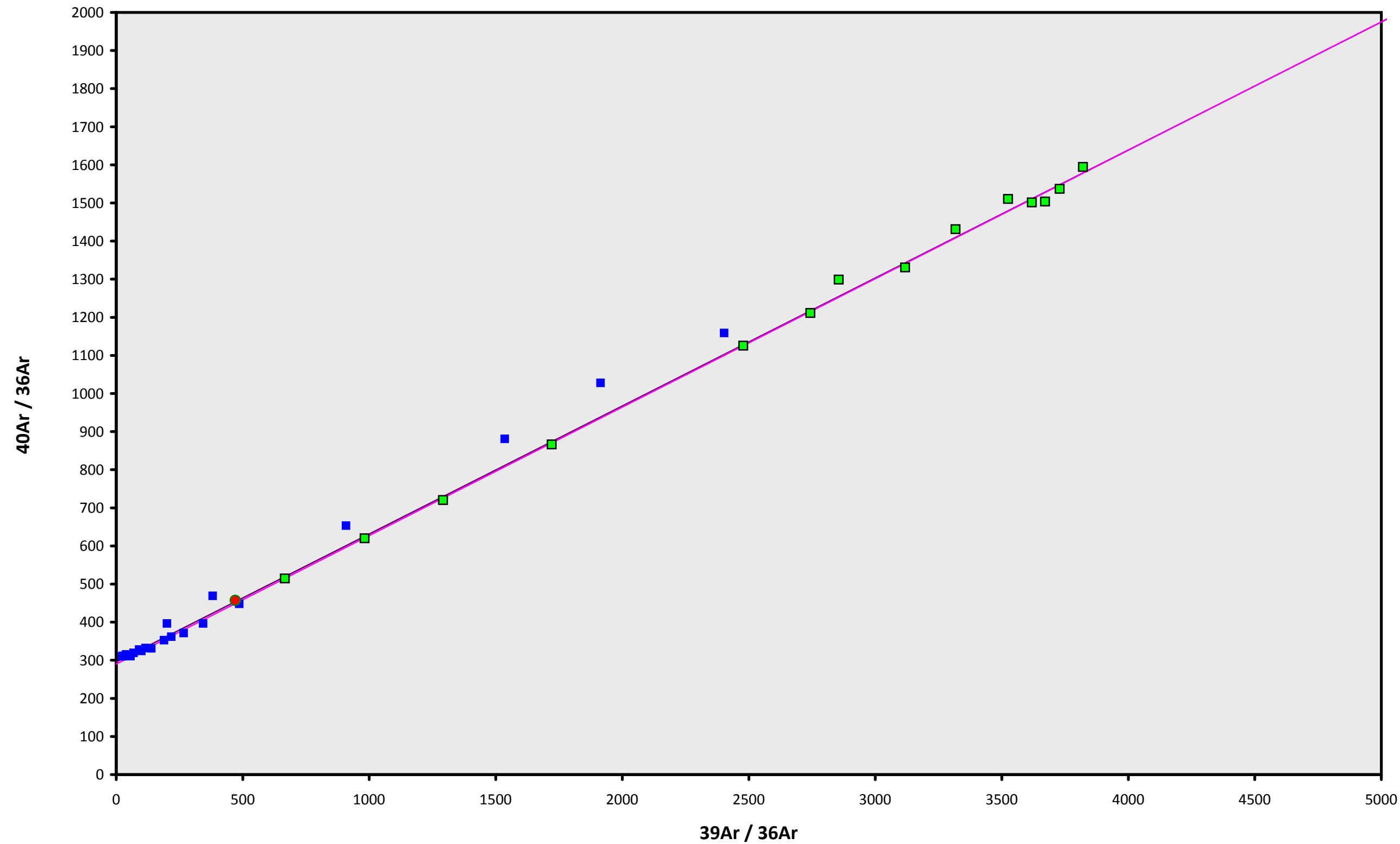
Floreana Island

Andrea Balbas

IRR = 13-OSU-05

J = 0.00152377 ± 0.00000239

13D07446.AGE >>> 44A-ARGON-3 >>> GALAPAGOS | BALBAS (13-19) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU

925.3 ± 10.3

TOTAL FUSION

947.4 ± 12.3

NORMAL ISOCHRON

928.6 ± 19.1

INVERSE ISOCHRON

932.3 ± 19.0

MSWD (PROBABILITY)

0.88 (57%)

40AR/36AR INTERCEPT

289.9 ± 15.1

Sample Info

Groundmass

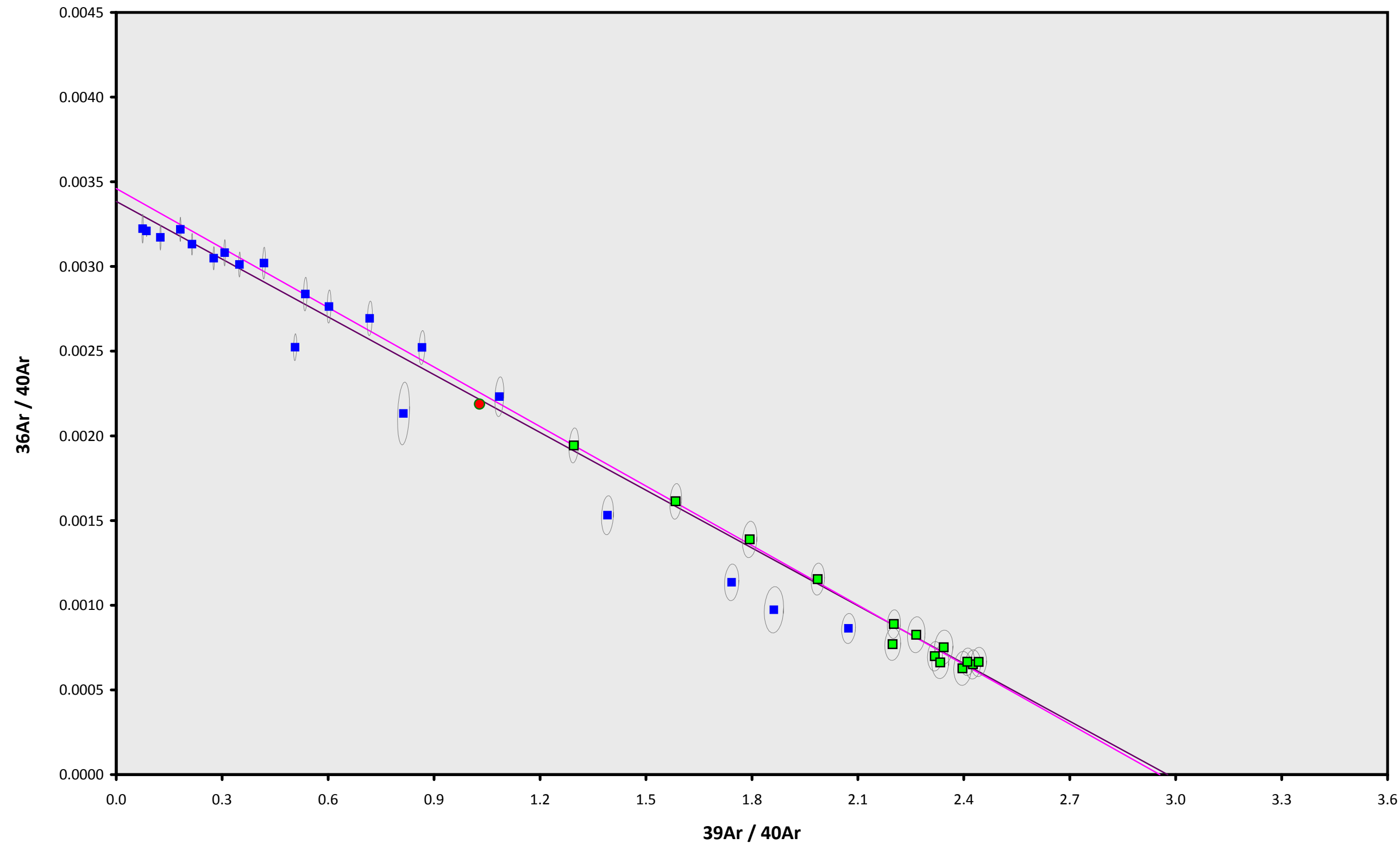
Floreana Island

Andrea Balbas

IRR = 13-OSU-05

J = $0.00152377 \pm 0.00000239$

13D07446.AGE >>> 44A-ARGON-3 >>> GALAPAGOS | BALBAS (13-19) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU

925.3 ± 10.3

TOTAL FUSION

947.4 ± 12.3

NORMAL ISOCHRON

928.6 ± 19.1

INVERSE ISOCHRON

932.3 ± 19.0

MSWD (PROBABILITY)

0.99 (45%)

SPREADING FACTOR

38.8%

40AR/36AR INTERCEPT

289.0 ± 15.2

Sample Info

Groundmass

Floreana Island

Andrea Balbas

IRR = 13-OSU-05

$J = 0.00152377 \pm 0.00000239$