

Incremental Heating			36Ar(a) [fA]	37Ar(ca) [fA]	38Ar(cl) [fA]	39Ar(k) [fA]	40Ar(r) [fA]	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
14D01187	1.8 %	✓	0.7400530	3.80531	1.0108949	9.46118	13.96524	4.25 ± 0.54	6.00	8.14	1.0691 ± 1.3998
14D01189	2.0 %	✓	0.6652913	3.34619	1.1951766	11.48943	16.77954	4.21 ± 0.41	7.86	9.89	1.4764 ± 2.1890
14D01190	2.2 %	✓	0.3295338	0.55753	0.7828431	7.72947	10.09751	3.76 ± 0.44	9.39	6.65	5.9614 ± 54.7714
14D01191	2.4 %	✓	0.2155773	2.01679	0.6058754	5.98267	8.43904	4.06 ± 0.48	11.70	5.15	1.2756 ± 3.2568
14D01193	2.7 %	✓	0.1868751	0.69878	0.4608288	5.39939	8.05966	4.30 ± 0.51	12.74	4.65	3.3225 ± 24.8051
14D01194	3.0 %	✓	0.1102869	1.57884	0.3601867	3.45623	5.23648	4.37 ± 0.67	13.84	2.97	0.9413 ± 2.7461
14D01195	3.3 %	✓	0.0702725	2.23628	0.1769366	2.08351	2.35478	3.26 ± 1.09	10.18	1.79	0.4006 ± 0.9213
14D01197	3.6 %	✓	0.0366956	3.74667	0.0809509	1.04954	0.87898	2.41 ± 2.01	7.50	0.90	0.1205 ± 0.1589
14D01198	3.9 %	✓	0.0349763	1.17069	0.0662014	0.83707	1.29892	4.47 ± 2.51	11.16	0.72	0.3075 ± 1.3401
14D01199	4.2 %	✓	0.0234542	1.74385	0.0081589	0.56595	0.97275	4.95 ± 3.68	12.31	0.49	0.1396 ± 0.4038
14D01201	4.5 %	✓	0.0134650	0.79984	0.0103530	0.35862	0.75683	6.08 ± 5.80	15.98	0.31	0.1928 ± 1.2271
14D01202	4.8 %	✓	0.0108543	1.18080	0.0042260	0.29783	0.56259	5.44 ± 6.72	14.92	0.26	0.1085 ± 0.4422
14D01203	5.1 %	✓	0.0125046	0.23020	0.0087187	0.38675	0.44283	3.30 ± 5.24	10.70	0.33	0.7224 ± 15.7980
14D01205	5.4 %	✓	0.0093380	1.93386	0.0291333	0.34708	0.34724	2.88 ± 5.86	11.18	0.30	0.0772 ± 0.2039
14D01206	5.7 %	✓	0.0108375	3.73967	0.0078940	0.44459	0.17067	1.11 ± 4.57	5.06	0.38	0.0511 ± 0.0724
14D01207	6.1 %	✓	0.0085405	1.94914	0.0085553	0.52148	0.64428	3.56 ± 3.82	20.33	0.45	0.1150 ± 0.2902
14D01209	6.5 %	✓	0.0084747	0.57968	0.0392870	0.61498	0.77637	3.64 ± 3.32	23.66	0.53	0.4562 ± 3.9618
14D01210	6.9 %	✓	0.0074082	0.20498	0.0453416	0.83729	1.25369	4.31 ± 2.39	36.41	0.72	1.7564 ± 41.9060
14D01211	7.3 %	✓	0.0057871	0.67493	0.0486869	0.83819	1.69263	5.82 ± 2.41	49.73	0.72	0.5340 ± 3.9074
14D01213	7.8 %	✓	0.0067675	2.77492	0.0962510	1.43847	2.77947	5.57 ± 1.41	58.14	1.24	0.2229 ± 0.3942
14D01214	8.3 %	✓	0.0067396	2.44534	0.0925456	1.52061	2.14671	4.07 ± 1.31	51.86	1.31	0.2674 ± 0.5336
14D01215	8.8 %	✓	0.0043794	1.76067	0.0924704	1.63746	2.97322	5.23 ± 1.23	69.65	1.41	0.3999 ± 1.1372
14D01217	9.3 %	✓	0.0045162	1.66619	0.0898693	2.01406	3.49950	5.01 ± 1.02	72.36	1.73	0.5198 ± 1.6814
14D01218	9.9 %	✓	0.0059992	1.91421	0.0910837	2.27819	3.74187	4.73 ± 0.90	67.83	1.96	0.5118 ± 1.4121
14D01219	10.5 %	✓	0.0059195	0.01105	0.1028031	2.58421	3.62712	4.04 ± 0.78	67.43	2.22	100.5533 #####
14D01221	11.2 %	✓	0.0098298	3.07249	0.0954437	3.00932	4.53224	4.34 ± 0.68	60.92	2.59	0.4212 ± 0.7081
14D01222	11.9 %		0.0061619	1.40196	0.0851813	3.58597	4.53898	3.65 ± 0.56	71.33	3.09	1.0999 ± 3.9764
14D01223	12.8 %		0.0067541	4.33283	0.1162474	4.38104	5.57864	3.67 ± 0.46	73.61	3.77	0.4348 ± 0.4953
14D01225	13.9 %		0.0062011	12.67253	0.1684027	5.49407	6.47100	3.39 ± 0.37	77.88	4.73	0.1864 ± 0.0727
14D01226	15.2 %		0.0103430	30.38997	0.1870677	8.23339	7.92521	2.77 ± 0.25	72.11	7.09	0.1165 ± 0.0193
14D01227	16.7 %		0.0137750	63.12544	0.2165374	10.28963	9.08952	2.55 ± 0.20	69.01	8.86	0.0701 ± 0.0056
14D01229	18.2 %		0.0195741	123.31438	0.1196475	8.17353	6.63476	2.34 ± 0.27	53.39	7.04	0.0285 ± 0.0012
14D01230	19.7 %		0.0307425	269.41065	0.0663746	5.44903	3.14360	1.66 ± 0.46	25.70	4.69	0.0087 ± 0.0002
14D01232	21.2 %		0.0370735	480.74861	0.0000000	3.39170	2.38537	2.03 ± 0.86	17.88	2.92	0.0030 ± 0.0001
Σ			2.6750025	986.14341	6.5741745	116.18193	143.79727				

Information on Analysis	Results	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%n)	K/Ca ± 2σ
Sample = CANARY ISLANDS 1 Material = Groundmass Location = Gran Canaria, La Esfinge Analyst = Dan Miggins Project = CANARY ISLANDS   MECO (1) Mass Discrimination Law = LIN Irradiation = 13-OSU-05 J = 0.00159538 ± 0.00000399 FCT-NM = 28.201 ± 0.008 Ma	<b>Age Plateau</b>	1.45631 ± 0.06088 ± 4.18%	4.20 ± 0.18 ± 4.21%	1.06 38%	57.83 26	0.0562 ± 0.0583
			Full External Error ± 0.20 Analytical Error ± 0.18	1.57 1.0301	2σ Confidence Limit Error Magnification	
	<b>Total Fusion Age</b>	1.23769 ± 0.04284 ± 3.46%	3.57 ± 0.12 ± 3.49%		34	0.0507 ± 0.0016
			Full External Error ± 0.15 Analytical Error ± 0.12			

Normal Isochron		39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.	
14D01187	1.8 %	✓	12.78 ± 0.14	314.37 ± 2.54	0.7091
14D01189	2.0 %	✓	17.27 ± 0.18	320.72 ± 2.67	0.7805
14D01190	2.2 %	✓	23.46 ± 0.35	326.14 ± 3.95	0.7473
14D01191	2.4 %	✓	27.75 ± 0.52	334.65 ± 5.09	0.7279
14D01193	2.7 %	✓	28.89 ± 0.61	338.63 ± 5.74	0.7192
14D01194	3.0 %	✓	31.34 ± 0.95	342.98 ± 8.24	0.6795
14D01195	3.3 %	✓	29.65 ± 1.42	329.01 ± 12.19	0.6496
14D01197	3.6 %	✓	28.60 ± 2.58	319.45 ± 21.16	0.5895
14D01198	3.9 %	✓	23.93 ± 2.49	332.64 ± 22.71	0.5321
14D01199	4.2 %	✓	24.13 ± 3.69	336.97 ± 33.74	0.5313
14D01201	4.5 %	✓	26.63 ± 6.55	351.71 ± 60.46	0.5738
14D01202	4.8 %	✓	27.44 ± 8.25	347.33 ± 71.31	0.5474
14D01203	5.1 %	✓	30.93 ± 7.79	330.91 ± 60.98	0.5814
14D01205	5.4 %	✓	37.17 ± 11.31	332.69 ± 82.57	0.6529
14D01206	5.7 %	✓	41.02 ± 10.28	311.25 ± 67.63	0.6759
14D01207	6.1 %	✓	61.06 ± 16.43	370.94 ± 96.12	0.7929
14D01209	6.5 %	✓	72.57 ± 19.53	387.11 ± 103.07	0.8349
14D01210	6.9 %	✓	113.02 ± 32.10	464.73 ± 134.39	0.8963
14D01211	7.3 %	✓	144.84 ± 51.80	587.98 ± 213.02	0.9338
14D01213	7.8 %	✓	212.56 ± 64.53	706.21 ± 217.55	0.9592
14D01214	8.3 %	✓	225.62 ± 67.91	614.02 ± 189.57	0.9511
14D01215	8.8 %	✓	373.90 ± 172.70	974.41 ± 454.71	0.9801
14D01217	9.3 %	✓	445.97 ± 205.66	1070.38 ± 498.02	0.9852
14D01218	9.9 %	✓	379.75 ± 131.83	919.23 ± 322.98	0.9800
14D01219	10.5 %	✓	436.56 ± 150.93	908.24 ± 318.42	0.9801
14D01221	11.2 %	✓	306.14 ± 64.57	756.57 ± 162.40	0.9700
14D01222	11.9 %		581.96 ± 192.48	1032.12 ± 345.29	0.9850
14D01223	12.8 %		648.65 ± 196.02	1121.47 ± 342.18	0.9872
14D01225	13.9 %		885.98 ± 292.67	1339.02 ± 445.46	0.9914
14D01226	15.2 %		796.03 ± 160.55	1061.74 ± 216.52	0.9872
14D01227	16.7 %		746.98 ± 116.72	955.36 ± 151.22	0.9852
14D01229	18.2 %		417.57 ± 48.58	634.46 ± 75.66	0.9696
14D01230	19.7 %		177.25 ± 15.62	397.76 ± 36.44	0.9408
14D01232	21.2 %		91.49 ± 8.15	359.84 ± 32.52	0.9313

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	294.68 ± 2.68 ± 0.91%	1.46802 ± 0.11753 ± 8.01%	4.23 ± 0.34 ± 8.01%	0.92
			Full External Error ± 0.35 Analytical Error ± 0.34	58%
Statistics	2σ Confidence Limit Error Magnification Number of Data Points	1.58 1.0000 26	Convergence Number of Iterations Calculated Line	0.000014135069 30 Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
14D01187	1.8 %	✓	0.0406668 ± 0.0003160	0.00318096 ± 0.00002575	0.0363
14D01189	2.0 %	✓	0.0538467 ± 0.0003461	0.00311797 ± 0.00002600	0.0508
14D01190	2.2 %	✓	0.0719190 ± 0.0007218	0.00306615 ± 0.00003714	0.0865
14D01191	2.4 %	✓	0.0829289 ± 0.0010780	0.00298823 ± 0.00004548	0.1164
14D01193	2.7 %	✓	0.0853237 ± 0.0012613	0.00295309 ± 0.00005008	0.1194
14D01194	3.0 %	✓	0.0913713 ± 0.0020495	0.00291562 ± 0.00007001	0.1558
14D01195	3.3 %	✓	0.0901160 ± 0.0033183	0.00303943 ± 0.00011265	0.1635
14D01197	3.6 %	✓	0.0895319 ± 0.0066268	0.00313035 ± 0.00020738	0.1768
14D01198	3.9 %	✓	0.0719480 ± 0.0064056	0.00300628 ± 0.00020526	0.1450
14D01199	4.2 %	✓	0.0716073 ± 0.0093667	0.00296759 ± 0.00029710	0.1448
14D01201	4.5 %	✓	0.0757271 ± 0.0154217	0.00284327 ± 0.00048874	0.1516
14D01202	4.8 %	✓	0.0790005 ± 0.0201357	0.00287910 ± 0.00059113	0.1598
14D01203	5.1 %	✓	0.0934652 ± 0.0194782	0.00302194 ± 0.00055690	0.1817
14D01205	5.4 %	✓	0.1117235 ± 0.0263424	0.00300584 ± 0.00074600	0.2099
14D01206	5.7 %	✓	0.1318041 ± 0.0251465	0.00321287 ± 0.00069807	0.2510
14D01207	6.1 %	✓	0.1646073 ± 0.0280211	0.00269587 ± 0.00069858	0.2687
14D01209	6.5 %	✓	0.1874568 ± 0.0288358	0.00258324 ± 0.00068778	0.2704
14D01210	6.9 %	✓	0.2431977 ± 0.0317604	0.00215179 ± 0.00062227	0.2653
14D01211	7.3 %	✓	0.2463282 ± 0.0322802	0.00170073 ± 0.00061616	0.2158
14D01213	7.8 %	✓	0.3009805 ± 0.0263406	0.00141601 ± 0.00043620	0.1926
14D01214	8.3 %	✓	0.3674507 ± 0.0351583	0.00162860 ± 0.00050280	0.2351
14D01215	8.8 %	✓	0.3837183 ± 0.0356075	0.00102626 ± 0.00047891	0.1505
14D01217	9.3 %	✓	0.4166418 ± 0.0332243	0.00093425 ± 0.00043468	0.1370
14D01218	9.9 %	✓	0.4131173 ± 0.0288966	0.00108787 ± 0.00038224	0.1595
14D01219	10.5 %	✓	0.4806630 ± 0.0334809	0.00110103 ± 0.00038601	0.1686
14D01221	11.2 %	✓	0.4046446 ± 0.0211304	0.00132175 ± 0.00028371	0.1925
14D01222	11.9 %		0.5638475 ± 0.0325460	0.00096888 ± 0.00032414	0.1518
14D01223	12.8 %		0.5783963 ± 0.0281459	0.00089169 ± 0.00027207	0.1395
14D01225	13.9 %		0.6616627 ± 0.0287710	0.00074681 ± 0.00024845	0.1189
14D01226	15.2 %		0.7497456 ± 0.0243910	0.00094185 ± 0.00019207	0.1483
14D01227	16.7 %		0.7818840 ± 0.0212404	0.00104673 ± 0.00016568	0.1598
14D01229	18.2 %		0.6581516 ± 0.0192158	0.00157615 ± 0.00018796	0.2211
14D01230	19.7 %		0.4456180 ± 0.0138692	0.00251411 ± 0.00023031	0.2798
14D01232	21.2 %		0.2542394 ± 0.0084601	0.00277900 ± 0.00025118	0.2228

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	293.50 ± 2.60 ± 0.89%	1.53305 ± 0.11048 ± 7.21%	4.42 ± 0.32 ± 7.22%	1.03 42%
			Full External Error ± 0.33 Analytical Error ± 0.32	
Statistics	2σ Confidence Limit Error Magnification Number of Data Points Spreading Factor	1.58 1.0140 26 67.5%	Convergence Number of Iterations Calculated Line	0.0002721702 5 Weighted York-2





Additional Parameters		40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)	
14D01187	1.8 %	✓	24.584415	0.095405	0.402094	0.263239	0.078340	0.000425	204.491	56.915839	1.00144481	1.117E-11
14D01189	2.0 %	✓	18.568619	0.059598	0.291184	0.215854	0.058005	0.000292	204.508	56.935360	1.00144494	1.024E-11
14D01190	2.2 %	✓	13.904874	0.069703	0.072127	0.331336	0.042684	0.000309	204.517	56.944732	1.00144499	5.159E-12
14D01191	2.4 %	✓	12.056797	0.078269	0.337029	0.430257	0.036148	0.000320	204.526	56.954887	1.00144506	3.463E-12
14D01193	2.7 %	✓	11.722099	0.086563	0.129430	0.483142	0.034608	0.000342	204.543	56.974421	1.00144518	3.038E-12
14D01194	3.0 %	✓	10.941997	0.122587	0.456668	0.666116	0.032055	0.000449	204.551	56.983800	1.00144524	1.816E-12
14D01195	3.3 %	✓	11.105835	0.204384	1.074100	1.234996	0.033497	0.000734	204.560	56.993962	1.00144530	1.110E-12
14D01197	3.6 %	✓	11.197115	0.414839	3.578415	2.360967	0.034129	0.001428	204.577	57.012728	1.00144542	5.627E-13
14D01198	3.9 %	✓	13.913025	0.619203	1.399873	3.050704	0.041480	0.002008	204.586	57.022895	1.00144549	5.585E-13
14D01199	4.2 %	✓	13.995085	0.916043	3.087698	4.467131	0.040718	0.002904	204.594	57.032282	1.00144554	3.794E-13
14D01201	4.5 %	✓	13.186530	1.339468	2.226941	7.086560	0.038088	0.004250	204.612	57.051842	1.00144567	2.273E-13
14D01202	4.8 %	✓	12.693032	1.619888	3.975237	8.102957	0.035497	0.004960	204.621	57.062016	1.00144573	1.810E-13
14D01203	5.1 %	✓	10.704462	1.114780	0.595447	6.510518	0.032195	0.003679	204.629	57.071410	1.00144579	1.986E-13
14D01205	5.4 %	✓	8.985372	1.061443	5.592738	7.389601	0.025557	0.003509	204.647	57.090984	1.00144591	1.491E-13
14D01206	5.7 %	✓	7.631225	0.730264	8.459335	5.992152	0.022288	0.002513	204.655	57.100382	1.00144597	1.619E-13
14D01207	6.1 %	✓	6.091398	0.518847	3.747151	4.726881	0.015438	0.001788	204.664	57.110565	1.00144603	1.521E-13
14D01209	6.5 %	✓	5.338960	0.410475	0.943206	4.095758	0.013561	0.001501	204.681	57.129368	1.00144615	1.575E-13
14D01210	6.9 %	✓	4.113569	0.268464	0.244859	2.921049	0.008803	0.000991	204.690	57.139556	1.00144622	1.653E-13
14D01211	7.3 %	✓	4.062836	0.266105	0.805658	2.947490	0.006715	0.000957	204.698	57.148962	1.00144628	1.634E-13
14D01213	7.8 %	✓	3.319175	0.145100	1.926579	1.703605	0.005229	0.000556	204.715	57.168563	1.00144640	2.295E-13
14D01214	8.3 %	✓	2.725413	0.130350	1.609878	1.606253	0.004032	0.000514	204.724	57.178758	1.00144646	1.987E-13
14D01215	8.8 %	✓	2.605203	0.120790	1.074473	1.527675	0.002975	0.000468	204.733	57.188170	1.00144652	2.049E-13
14D01217	9.3 %	✓	2.399817	0.095617	0.826820	1.337297	0.002474	0.000378	204.750	57.207785	1.00144664	2.321E-13
14D01218	9.9 %	✓	2.420261	0.084587	0.839756	1.158568	0.002867	0.000340	204.758	57.217202	1.00144670	2.648E-13
14D01219	10.5 %	✓	2.081476	0.072450	0.004276	0.985879	0.002303	0.000298	204.767	57.227405	1.00144677	2.582E-13
14D01221	11.2 %	✓	2.470617	0.064462	1.020292	0.857666	0.003544	0.000260	204.785	57.247033	1.00144689	3.571E-13
14D01222	11.9 %		1.774072	0.051167	0.390853	0.706533	0.001829	0.000214	204.793	57.256457	1.00144695	3.054E-13
14D01223	12.8 %		1.728778	0.042033	0.988338	0.562978	0.001810	0.000179	204.801	57.265882	1.00144701	3.638E-13
14D01225	13.9 %		1.510010	0.032802	2.303010	0.449075	0.001745	0.000144	204.819	57.285523	1.00144713	3.988E-13
14D01226	15.2 %		1.331488	0.021638	3.681920	0.304275	0.002233	0.000098	204.828	57.295739	1.00144719	5.275E-13
14D01227	16.7 %		1.274709	0.017295	6.109637	0.245187	0.002953	0.000082	204.836	57.305170	1.00144725	6.322E-13
14D01229	18.2 %		1.505134	0.021936	14.935395	0.321815	0.006319	0.000113	204.853	57.324825	1.00144737	5.965E-13
14D01230	19.7 %		2.172786	0.033602	47.849800	0.601216	0.018096	0.000225	204.862	57.334261	1.00144743	5.872E-13
14D01232	21.2 %		3.591690	0.057697	129.398879	1.602071	0.044140	0.000539	204.879	57.353925	1.00144756	6.405E-13

Procedure Blanks		36Ar [fA]	1σ	37Ar [fA]	1σ	38Ar [fA]	1σ	39Ar [fA]	1σ	40Ar [fA]	1σ
14D01187	1.8 %	0.0152242	0.0006324	0.0056051	0.0304942	0.0126916	0.0396923	0.0946102	0.0246585	4.4509444	0.1703673
14D01189	2.0 %	0.0153117	0.0006324	0.0097107	0.0304942	0.0123538	0.0396923	0.0856820	0.0246585	4.4815842	0.1703673
14D01190	2.2 %	0.0153484	0.0006324	0.0115707	0.0304942	0.0121917	0.0396923	0.0815905	0.0246585	4.4942730	0.1703673
14D01191	2.4 %	0.0153842	0.0006324	0.0135047	0.0304942	0.0120160	0.0396923	0.0772999	0.0246585	4.5065420	0.1703673
14D01193	2.7 %	0.0154417	0.0006324	0.0169870	0.0304942	0.0116782	0.0396923	0.0694637	0.0246585	4.5258177	0.1703673
14D01194	3.0 %	0.0154640	0.0006324	0.0185478	0.0304942	0.0115161	0.0396923	0.0658963	0.0246585	4.5330517	0.1703673
14D01195	3.3 %	0.0154842	0.0006324	0.0201576	0.0304942	0.0113405	0.0396923	0.0621736	0.0246585	4.5394113	0.1703673
14D01197	3.6 %	0.0155109	0.0006324	0.0229081	0.0304942	0.0110162	0.0396923	0.0556888	0.0246585	4.5471156	0.1703673
14D01198	3.9 %	0.0155195	0.0006324	0.0242781	0.0304942	0.0108405	0.0396923	0.0523863	0.0246585	4.5491023	0.1703673
14D01199	4.2 %	0.0155239	0.0006324	0.0254679	0.0304942	0.0106784	0.0396923	0.0494689	0.0246585	4.5495724	0.1703673
14D01201	4.5 %	0.0155220	0.0006324	0.0277159	0.0304942	0.0103406	0.0396923	0.0437950	0.0246585	4.5463472	0.1703673
14D01202	4.8 %	0.0155151	0.0006324	0.0287618	0.0304942	0.0101649	0.0396923	0.0410604	0.0246585	4.5424246	0.1703673
14D01203	5.1 %	0.0155051	0.0006324	0.0296523	0.0304942	0.0100028	0.0396923	0.0386671	0.0246585	4.5374400	0.1703673
14D01205	5.4 %	0.0154731	0.0006324	0.0312771	0.0304942	0.0096650	0.0396923	0.0340853	0.0246585	4.5228507	0.1703673
14D01206	5.7 %	0.0154524	0.0006324	0.0319462	0.0304942	0.0095028	0.0396923	0.0320800	0.0246585	4.5138296	0.1703673
14D01207	6.1 %	0.0154261	0.0006324	0.0325901	0.0304942	0.0093272	0.0396923	0.0300495	0.0246585	4.5025793	0.1703673
14D01209	6.5 %	0.0153669	0.0006324	0.0335574	0.0304942	0.0090029	0.0396923	0.0266888	0.0246585	4.4777732	0.1703673
14D01210	6.9 %	0.0153291	0.0006324	0.0339614	0.0304942	0.0088272	0.0396923	0.0250785	0.0246585	4.4621501	0.1703673
14D01211	7.3 %	0.0152905	0.0006324	0.0342596	0.0304942	0.0086651	0.0396923	0.0237232	0.0246585	4.4463650	0.1703673
14D01213	7.8 %	0.0151991	0.0006324	0.0346501	0.0304942	0.0083273	0.0396923	0.0213036	0.0246585	4.4092748	0.1703673
14D01214	8.3 %	0.0151457	0.0006324	0.0347300	0.0304942	0.0081516	0.0396923	0.0202612	0.0246585	4.3877423	0.1703673
14D01215	8.8 %	0.0150927	0.0006324	0.0347289	0.0304942	0.0079895	0.0396923	0.0194300	0.0246585	4.3665025	0.1703673
14D01217	9.3 %	0.0149713	0.0006324	0.0344961	0.0304942	0.0076517	0.0396923	0.0181025	0.0246585	4.3180482	0.1703673
14D01218	9.9 %	0.0149077	0.0006324	0.0342736	0.0304942	0.0074895	0.0396923	0.0176592	0.0246585	4.2927719	0.1703673
14D01219	10.5 %	0.0148349	0.0006324	0.0339516	0.0304942	0.0073139	0.0396923	0.0173210	0.0246585	4.2639119	0.1703673
14D01221	11.2 %	0.0146834	0.0006324	0.0330954	0.0304942	0.0069761	0.0396923	0.0170855	0.0246585	4.2040935	0.1703673
14D01222	11.9 %	0.0146054	0.0006324	0.0325737	0.0304942	0.0068140	0.0396923	0.0171664	0.0246585	4.1733624	0.1703673
14D01223	12.8 %	0.0145239	0.0006324	0.0319802	0.0304942	0.0066518	0.0396923	0.0173731	0.0246585	4.1413221	0.1703673
14D01225	13.9 %	0.0143431	0.0006324	0.0305132	0.0304942	0.0063140	0.0396923	0.0182078	0.0246585	4.0703669	0.1703673
14D01226	15.2 %	0.0142431	0.0006324	0.0296272	0.0304942	0.0061384	0.0396923	0.0188576	0.0246585	4.0312246	0.1703673
14D01227	16.7 %	0.0141472	0.0006324	0.0287345	0.0304942	0.0059762	0.0396923	0.0195885	0.0246585	3.9937296	0.1703673
14D01229	18.2 %	0.0139363	0.0006324	0.0266441	0.0304942	0.0056384	0.0396923	0.0215153	0.0246585	3.9114103	0.1703673
14D01230	19.7 %	0.0138298	0.0006324	0.0255300	0.0304942	0.0054763	0.0396923	0.0226341	0.0246585	3.8698787	0.1703673
14D01232	21.2 %	0.0135967	0.0006324	0.0229783	0.0304942	0.0051385	0.0396923	0.0253689	0.0246585	3.7791500	0.1703673



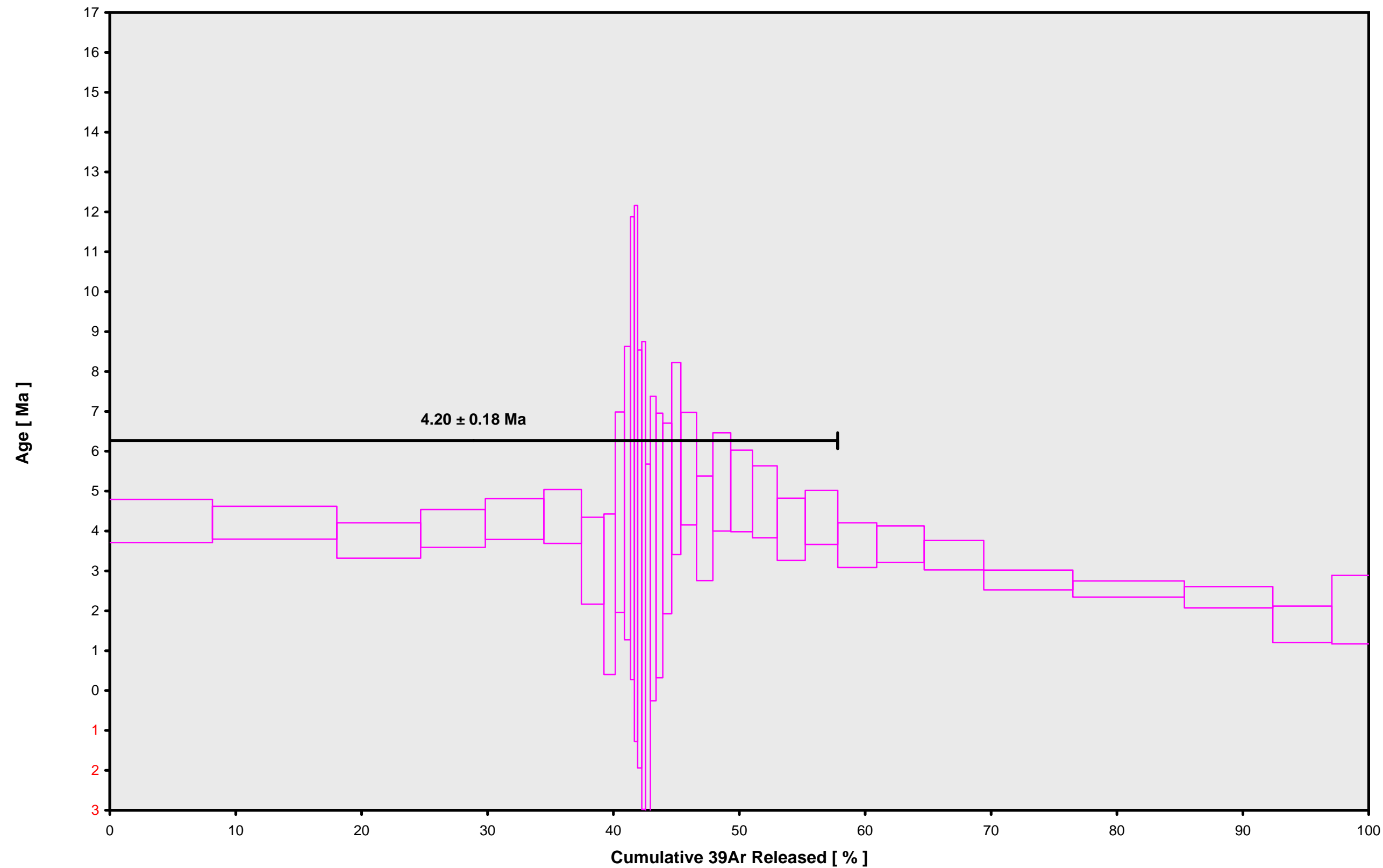




Project	Experiment	Nmb
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Canary Islands\Meco (13-16)	14D01186	01
Canary Islands\Meco (13-16)	14D01186	01
Canary Islands\Meco (13-16)	14D01186	01

Irradiation Constants	40/36(a)		40/36(c)		38/36(a)		38/36(c)		39/37(ca)		38/37(ca)		36/37(ca)		40/39(k)		38/39(k)		36/38(cl)		K/Ca		K/Cl		Ca/Cl		
	%1σ	0	%1σ	0	%1σ	0	%1σ	0	%1σ	0	%1σ	0	%1σ	0	%1σ	0	%1σ	0	%1σ	0	%1σ	0	%1σ	0	%1σ	0	
14D01187	1.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01189	2.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01190	2.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01191	2.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01193	2.7 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01194	3.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01195	3.3 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01197	3.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01198	3.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01199	4.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01201	4.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01202	4.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01203	5.1 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01205	5.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01206	5.7 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01207	6.1 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01209	6.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01210	6.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01211	7.3 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01213	7.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01214	8.3 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01215	8.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01217	9.3 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01218	9.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01219	10.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01221	11.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01222	11.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01223	12.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01225	13.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01226	15.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01227	16.7 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01229	18.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01230	19.7 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
14D01232	21.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0

14D01186.AGE >>> CANARY ISLANDS 1 >>> CANARY ISLANDS | MECO (13-16) PROJECT



**Ar-Ages in Ma**

**WEIGHTED PLATEAU**  
4.20 ± 0.18

**TOTAL FUSION**  
3.57 ± 0.12

**NORMAL ISOCHRON**  
4.23 ± 0.34

**INVERSE ISOCHRON**  
4.42 ± 0.32

**MSWD (PROBABILITY)**  
1.06 (38%)

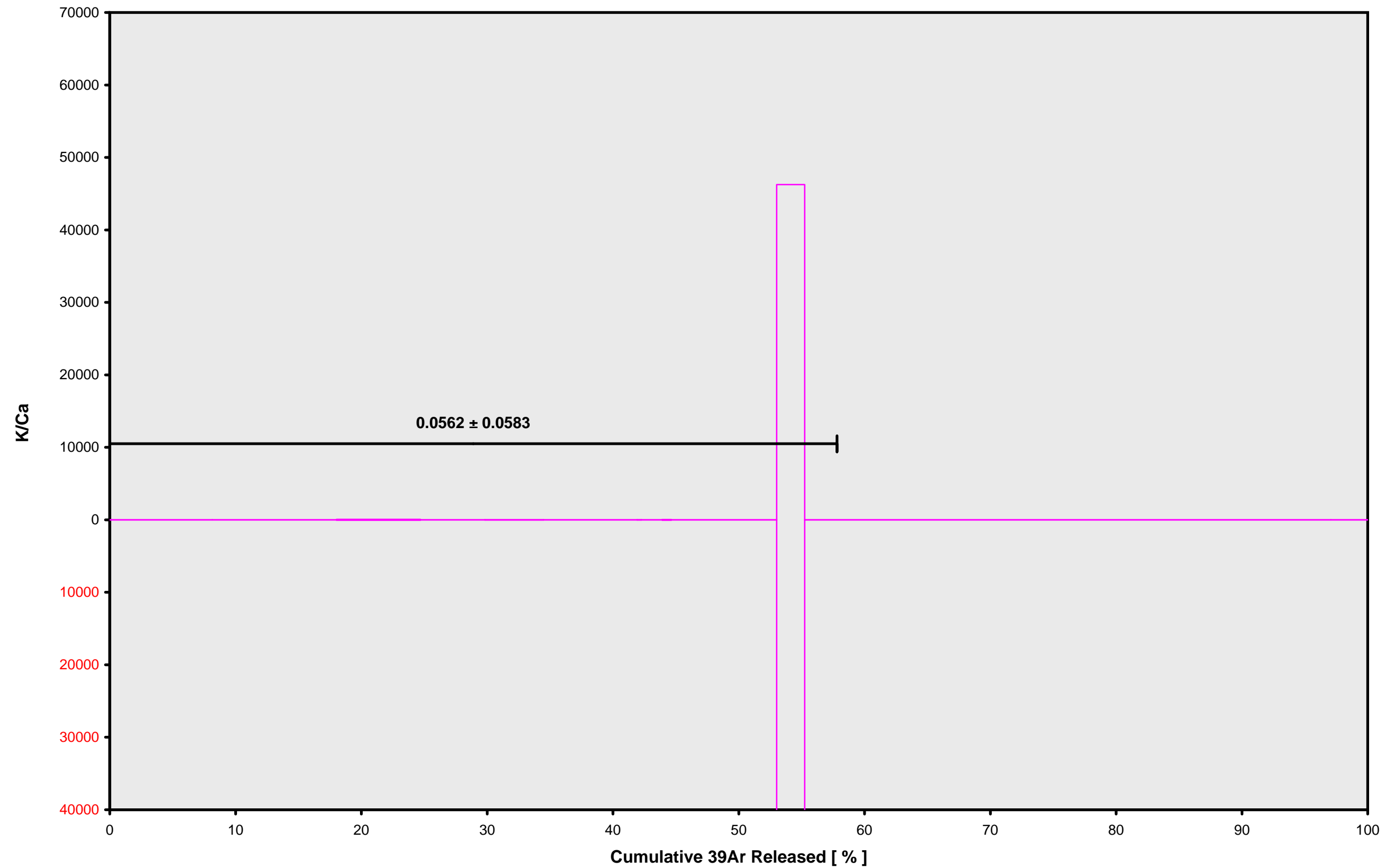
**Sample Info**

Groundmass  
Gran Canaria, La Esfinge  
Dan Miggins

IRR = 13-OSU-05  
J = 0.00159538 ± 0.00000399

RECALIBRATED AGE

14D01186.AGE >>> CANARY ISLANDS 1 >>> CANARY ISLANDS | MECO (13-16) PROJECT



**Ar-Ages in Ma**

WEIGHTED PLATEAU  
4.20 ± 0.18  
TOTAL FUSION  
3.57 ± 0.12  
NORMAL ISOCHRON  
4.23 ± 0.34  
INVERSE ISOCHRON  
4.42 ± 0.32

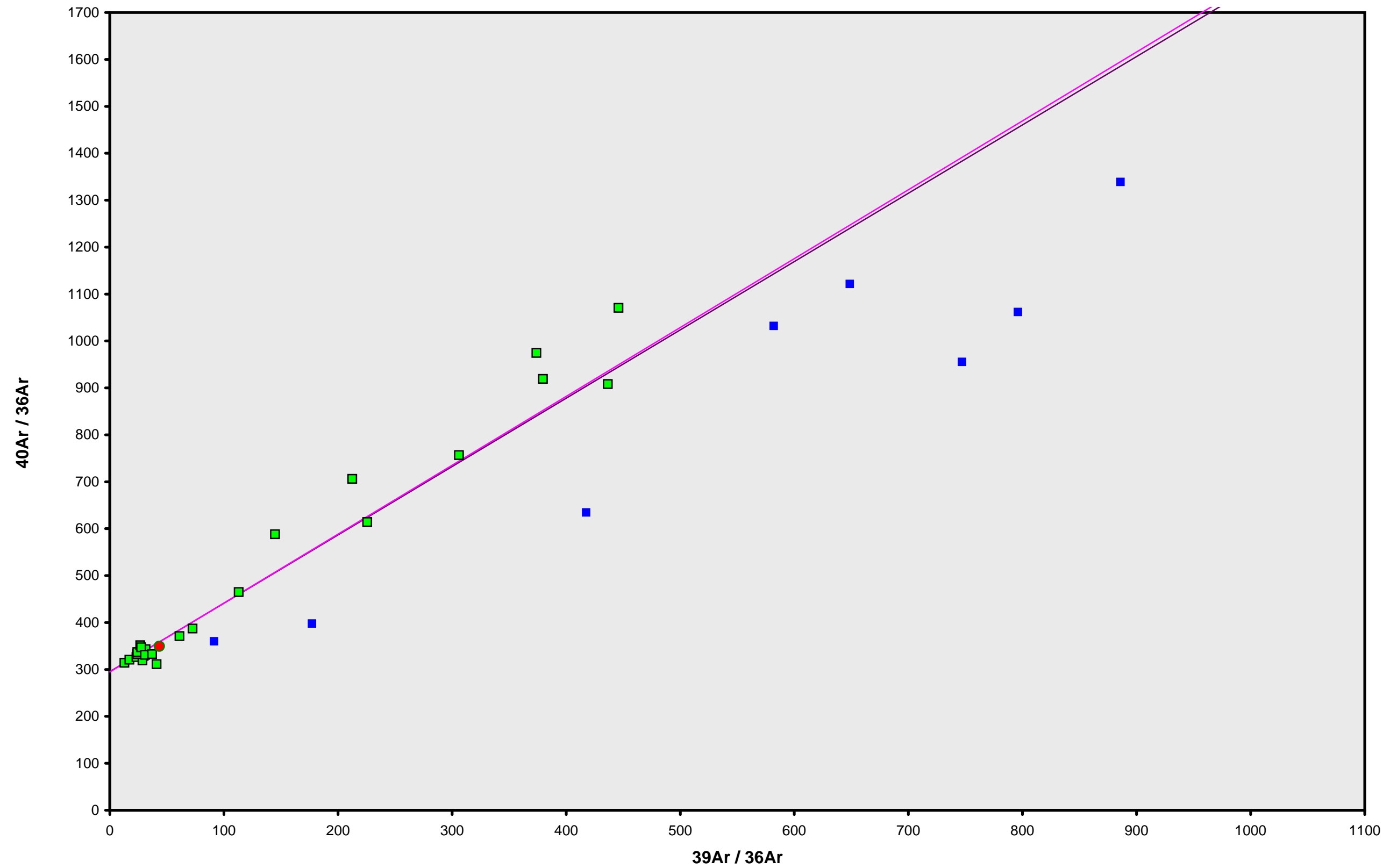
**Sample Info**

Groundmass  
Gran Canaria, La Esfinge  
Dan Miggins

IRR = 13-OSU-05  
J = 0.00159538 ± 0.00000399

RECALIBRATED AGE

14D01186.AGE >>> CANARY ISLANDS 1 >>> CANARY ISLANDS | MECO (13-16) PROJECT



**Ar-Ages in Ma**

**WEIGHTED PLATEAU**  
4.20 ± 0.18

**TOTAL FUSION**  
3.57 ± 0.12

**NORMAL ISOCHRON**  
4.23 ± 0.34

**INVERSE ISOCHRON**  
4.42 ± 0.32

**MSWD (PROBABILITY)**  
0.92 (58%)

**40AR/36AR INTERCEPT**  
294.7 ± 2.7

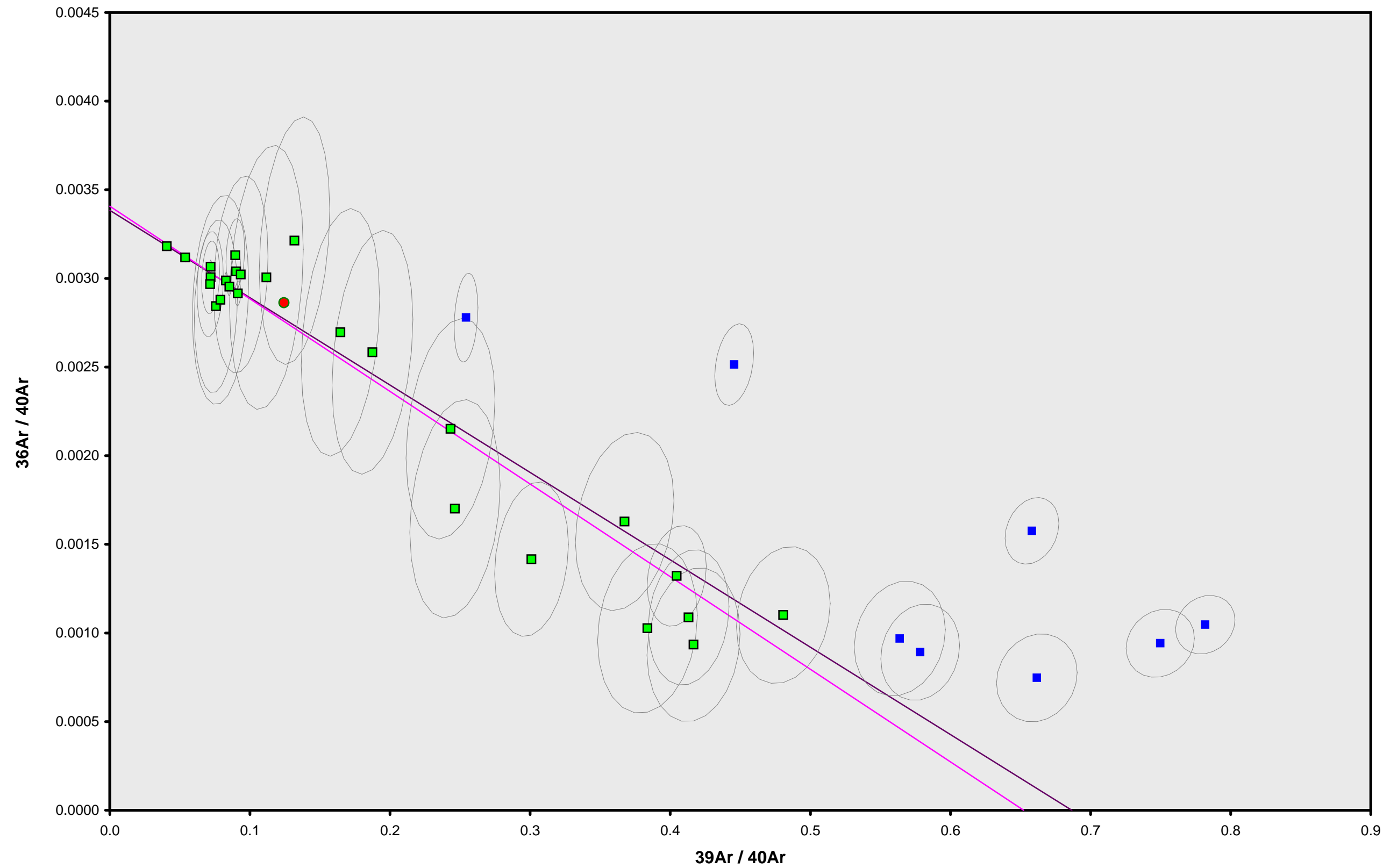
**Sample Info**

**Groundmass**  
Gran Canaria, La Esfinge  
Dan Miggins

**IRR = 13-OSU-05**  
**J = 0.00159538 ± 0.00000399**

**RECALIBRATED AGE**

14D01186.AGE >>> CANARY ISLANDS 1 >>> CANARY ISLANDS | MECO (13-16) PROJECT



**Ar-Ages in Ma**

**WEIGHTED PLATEAU**  
4.20 ± 0.18

**TOTAL FUSION**  
3.57 ± 0.12

**NORMAL ISOCHRON**  
4.23 ± 0.34

**INVERSE ISOCHRON**  
4.42 ± 0.32

**MSWD (PROBABILITY)**  
1.03 (42%)

**SPREADING FACTOR**  
67.5%

**40AR/36AR INTERCEPT**  
293.5 ± 2.6

**Sample Info**

**Groundmass**  
Gran Canaria, La Esfinge  
Dan Miggins

**IRR = 13-OSU-05**  
**J = 0.00159538 ± 0.00000399**

**RECALIBRATED AGE**