Institute of Geophysics and Planetary Physics
Scripps Institution of Oceanography, La Jolla, USA

Incremental Heating			36Ar(a)	37Ar(ca)	38Ar(cl)	39Ar(k)	40Ar(r)	Age ± 2σ (Ma)	40Ar(r) (%)
1B16045D	600 °C		0.000002	0.016603	0.000003	0.000587	0.000700	1.50 ± 10.77	54.25
1B16046D	700 °C		0.000057	0.057093	0.000000	0.002488	0.005440	2.75 ± 2.47	24.07
1B16047D	800 °C		0.000073	0.157971	0.000010	0.006941	0.013265	2.41 ± 1.08	37.83
1B16048D	870 °C		0.000056	0.212516	0.000000	0.010120	0.008587	1.07 ± 0.92	34.08
1B16049D	950 °C		0.000068	0.175987	0.000000	0.009112	0.009033	1.25 ± 0.85	30.82
1B16050D	1020 °C		0.000197	0.141253	0.000000	0.007294	0.008220	1.42 ± 1.10	12.26
1B16051D	1080 °C		0.000047	0.085307	0.000000	0.004315	0.019181	5.59 ± 1.68	57.96
1B16052D	1130 °C		0.000058	0.075359	0.000000	0.003838	0.001753	0.58 ± 2.35	9.14
1B16053D	1180 °C		0.000174	0.100253	0.000015	0.006471	0.005342	1.04 ± 1.12	9.34
1B16054D	1230 °C		0.000142	0.150073	0.000006	0.011728	0.016355	1.76 ± 0.98	27.78
1B16055D	1280 °C		0.000334	0.182901	0.000014	0.012571	0.013458	1.35 ± 0.97	11.88
1B16056D	1350 °C		0.000362	0.249312	0.000024	0.013863	0.020364	1.85 ± 0.99	15.87
1B16057D	1420 °C		0.001057	0.007758	0.000000	0.000021	0.009871	713.89 ± 1632.22	3.23
1B16058D	1500 °C		0.000017	0.005959	0.000017	0.000021	0.006438	351.21 ± 539.44	55.79
1B16059D	1550 °C		0.000192	0.003069	0.000000	0.000012	0.008989	747.66 ± 1189.67	18.62
1B16711D	600 °C		0.000122	0.056737	0.000032	0.002585	0.035168	17.06 ± 3.54	3171.74
1B16712D	700 °C		0.000091	0.208211	0.000015	0.008854	0.017919	2.55 ± 1.12	39.70
1B16713D	800 °C		0.000111	0.327326	0.000028	0.016434	0.015255	1.17 ± 0.63	31.49
1B16714D	870 °C		0.000084	0.301633	0.000000	0.015896	0.012961	1.03 ± 0.65	34.06
1B16715D	950 °C		0.000082	0.233009	0.000000	0.012546	0.012925	1.30 ± 0.86	34.52
1B16716D	1020 °C		0.000291	0.128629	0.000001	0.007198	0.015733	2.75 ± 1.50	15.32
1B16717D	1080 °C		0.000728	0.073437	0.000004	0.004205	0.007604	2.28 ± 3.37	3.38
1B16718D	1130 °C		0.000373	0.077462	0.000002	0.004395	0.005643	1.62 ± 2.39	4.83
1B16719D	1180 °C		0.000375	0.112198	0.000009	0.007436	0.008663	1.47 ± 1.56	7.18
1B16720D	1230 °C		0.000422	0.154913	0.000013	0.012231	0.012468	1.28 ± 0.94	9.00
1B16721D	1280 °C		0.000461	0.184166	0.000000	0.014190	0.014830	1.32 ± 0.89	9.73
1B16722D	1350 °C		0.000293	0.120707	0.000005	0.007665	0.002550	0.42 ± 1.32	2.83
1B16723D	1450 °C		0.000377	0.185878	0.000000	0.010117	0.002816	0.35 ± 1.44	2.44
		Σ	0.006016	3.785721	0.000201	0.213134	0.290390		

Information on Analysis

Sample = PLG-D
Material = plg
Location = Furnace
Analyst = Eric Thern
Project = ANTILLES-NICE
Mass Discrimination Law = POW
Irradiation = I8t2h
J = 0.00069900 ± 0.00000203
GA1550 = 99.769 ± 0.110 Ma

Results	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Age Plateau	1.0569 ± 0.1808 ± 17.11%	1.33 ± 0.23 ± 17.11%	0.87
		Full External Error ± 0.23	2.07
		Analytical Error ± 0.23	1.0000
Total Fusion Age	1.3625 ± 0.2147 ± 15.76%	1.72 ± 0.27 ± 15.76%	
		Full External Error ± 0.27	
		Analytical Error ± 0.27	

39Ar(k) (%)	K/Ca $\pm 2\sigma$
0.28	0.0152 ± 0.0044
1.17	0.0187 ± 0.0026
3.26	0.0189 ± 0.0020
4.75	0.0205 ± 0.0021
4.28	0.0223 ± 0.0024
3.42	0.0222 ± 0.0024
2.02	0.0217 ± 0.0027
1.80	0.0219 ± 0.0026
3.04	0.0278 ± 0.0033
5.50	0.0336 ± 0.0035
5.90	0.0296 ± 0.0032
6.50	0.0239 ± 0.0024
0.01	0.0012 ± 0.0015
0.01	0.0015 ± 0.0016
0.01	0.0017 ± 0.0036
1.21	0.0196 ± 0.0043
4.15	0.0183 ± 0.0023
7.71	0.0216 ± 0.0026
7.46	0.0227 ± 0.0028
5.89	0.0232 ± 0.0028
3.38	0.0241 ± 0.0035
1.97	0.0246 ± 0.0041
2.06	0.0244 ± 0.0042
3.49	0.0285 ± 0.0038
5.74	0.0340 ± 0.0049
6.66	0.0331 ± 0.0051
3.60	0.0273 ± 0.0037
4.75	0.0234 ± 0.0031

39Ar(k) (%,n)	K/Ca $\pm 2\sigma$
92.60 24	0.0178 ± 0.0042
Statistical T Ratio	
Error Magnification	
28	0.0242 ± 0.0007

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Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
1B16045D	600 °C		0.454773 ± 0.831245	0.001533 ± 0.011815	0.2368
1B16046D	700 °C		0.110068 ± 0.012859	0.002543 ± 0.000681	0.4021
1B16047D	800 °C		0.197997 ± 0.014259	0.002082 ± 0.000537	0.2634
1B16048D	870 °C		0.401801 ± 0.038559	0.002207 ± 0.000959	0.2104
1B16049D	950 °C		0.310945 ± 0.025827	0.002317 ± 0.000671	0.2785
1B16050D	1020 °C		0.108821 ± 0.004521	0.002939 ± 0.000312	0.2851
1B16051D	1080 °C		0.130395 ± 0.009722	0.001408 ± 0.000542	0.1763
1B16052D	1130 °C		0.200142 ± 0.024784	0.003043 ± 0.001241	0.3010
1B16053D	1180 °C		0.113161 ± 0.005179	0.003037 ± 0.000333	0.3438
1B16054D	1230 °C		0.199263 ± 0.013580	0.002419 ± 0.000494	0.3214
1B16055D	1280 °C		0.110995 ± 0.004036	0.002951 ± 0.000282	0.3484
1B16056D	1350 °C		0.108017 ± 0.003770	0.002818 ± 0.000278	0.2739
1B16057D	1420 °C		0.000069 ± 0.000075	0.003458 ± 0.000164	0.0033
1B16058D	1500 °C		0.001812 ± 0.001704	0.001481 ± 0.002500	0.0733
1B16059D	1550 °C		0.000253 ± 0.000414	0.003973 ± 0.000680	0.0236
1B16711D	600 °C		2.327413 ± 7.082127	0.109417 ± 0.333512	0.9983
1B16712D	700 °C		0.196161 ± 0.015095	0.002020 ± 0.000548	0.2753
1B16713D	800 °C		0.339368 ± 0.024004	0.002294 ± 0.000547	0.2907
1B16714D	870 °C		0.417798 ± 0.037250	0.002208 ± 0.000687	0.2835
1B16715D	950 °C		0.335154 ± 0.030497	0.002193 ± 0.000730	0.2684
1B16716D	1020 °C		0.070104 ± 0.002502	0.002836 ± 0.000274	0.3156
1B16717D	1080 °C		0.018681 ± 0.000397	0.003236 ± 0.000167	0.2076
1B16718D	1130 °C		0.037586 ± 0.001252	0.003188 ± 0.000237	0.3370
1B16719D	1180 °C		0.061631 ± 0.001816	0.003109 ± 0.000253	0.3330
1B16720D	1230 °C		0.088283 ± 0.002400	0.003048 ± 0.000218	0.3075
1B16721D	1280 °C		0.093149 ± 0.002269	0.003023 ± 0.000219	0.2863
1B16722D	1350 °C		0.085010 ± 0.003317	0.003255 ± 0.000298	0.3961
1B16723D	1450 °C		0.087631 ± 0.002712	0.003268 ± 0.000335	0.2739

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	298.7981 ± 4.1477 ± 1.39%	1.0626 ± 0.1054 ± 9.92%	1.34 ± 0.13 ± 9.94%	0.99
			Full External Error ± 0.13	
			Analytical Error ± 0.13	

Statistics				
	Statistical F ratio	1.54	Convergence	0.0019915632
	Error Magnification	1.0000	Number of Iterations	4
	Number of Data Points	24	Calculated Line	Weighted York-2

Relative Abundances			36Ar	%1σ	37Ar	%1σ	38Ar	%1σ	39Ar	%1σ	40Ar	%1σ	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
1B16045D	600 °C		0.0000027	272.515	0.0166030	14.218	0.0000103	85.627	0.0005988	3.376	0.0012896	91.353	1.50 ± 10.77	54.25	0.28	0.0152 ± 0.0044
1B16046D	700 °C		0.0000736	9.380	0.0570929	6.688	0.0000406	21.172	0.0025294	1.597	0.0226029	5.607	2.75 ± 2.47	24.07	1.17	0.0187 ± 0.0026
1B16047D	800 °C		0.0001175	7.434	0.1579706	5.311	0.0001131	12.145	0.0070563	0.817	0.0350608	3.497	2.41 ± 1.08	37.83	3.26	0.0189 ± 0.0020
1B16048D	870 °C		0.0001155	9.867	0.2125164	4.978	0.0001376	9.109	0.0102753	1.010	0.0251938	4.682	1.07 ± 0.92	34.08	4.75	0.0205 ± 0.0021
1B16049D	950 °C		0.0001175	7.685	0.1759868	5.407	0.0001235	9.493	0.0092403	0.671	0.0293098	4.092	1.25 ± 0.85	30.82	4.28	0.0223 ± 0.0024
1B16050D	1020 °C		0.0002368	4.064	0.1412532	5.342	0.0001186	8.128	0.0073974	1.052	0.0670351	1.774	1.42 ± 1.10	12.26	3.42	0.0222 ± 0.0024
1B16051D	1080 °C		0.0000706	12.302	0.0853072	6.159	0.0000524	19.360	0.0043770	1.083	0.0330925	3.557	5.59 ± 1.68	57.96	2.02	0.0217 ± 0.0027
1B16052D	1130 °C		0.0000796	14.151	0.0753589	5.948	0.0000579	12.957	0.0038933	0.557	0.0191806	6.162	0.58 ± 2.35	9.14	1.80	0.0219 ± 0.0026
1B16053D	1180 °C		0.0002019	4.288	0.1002534	5.899	0.0001305	7.615	0.0065437	0.937	0.0571846	2.078	1.04 ± 1.12	9.34	3.04	0.0278 ± 0.0033
1B16054D	1230 °C		0.0001847	7.333	0.1500727	5.235	0.0001814	7.592	0.0118378	0.641	0.0588661	3.343	1.76 ± 0.98	27.78	5.50	0.0336 ± 0.0035
1B16055D	1280 °C		0.0003859	3.784	0.1829010	5.421	0.0002370	5.274	0.0127048	0.507	0.1132680	1.740	1.35 ± 0.97	11.88	5.90	0.0296 ± 0.0032
1B16056D	1350 °C		0.0004320	3.830	0.2493124	5.049	0.0002692	4.513	0.0140452	0.805	0.1283522	1.535	1.85 ± 0.99	15.87	6.50	0.0239 ± 0.0024
1B16057D	1420 °C		0.0010589	2.282	0.0077576	37.063	0.0001912	6.201	0.0000268	41.818	0.3056253	0.647	713.89 ± 1632.22	3.23	0.01	0.0012 ± 0.0015
1B16058D	1500 °C		0.0000188	75.180	0.0059590	28.168	0.0000210	43.685	0.0000253	35.888	0.0115403	17.050	351.21 ± 539.44	55.79	0.01	0.0015 ± 0.0016
1B16059D	1550 °C		0.0001909	7.557	0.0030692	65.981	0.0000532	19.054	0.0000145	68.240	0.0482653	4.067	747.66 ± 1189.67	18.62	0.01	0.0017 ± 0.0036
1B16711D	600 °C		0.0001055	10.127	0.0567373	11.058	0.0000430	14.916	0.0026261	0.835	0.0011088	152.383	17.06 ± 3.54	3171.74	1.21	0.0196 ± 0.0043
1B16712D	700 °C		0.0001499	7.518	0.2082110	6.272	0.0001471	4.820	0.0090056	0.618	0.0451405	3.789	2.55 ± 1.12	39.70	4.15	0.0183 ± 0.0023
1B16713D	800 °C		0.0002034	5.573	0.3273264	5.995	0.0002603	5.649	0.0166733	0.474	0.0484374	3.498	1.17 ± 0.63	31.49	7.71	0.0216 ± 0.0026
1B16714D	870 °C		0.0001691	6.723	0.3016335	6.107	0.0002049	6.036	0.0161165	0.421	0.0380585	4.433	1.03 ± 0.65	34.06	7.46	0.0227 ± 0.0028
1B16715D	950 °C		0.0001478	8.469	0.2330095	6.080	0.0001664	6.101	0.0127158	0.575	0.0374412	4.508	1.30 ± 0.86	34.52	5.89	0.0232 ± 0.0028
1B16716D	1020 °C		0.0003275	3.950	0.1286294	7.252	0.0001478	7.398	0.0072917	0.654	0.1026787	1.648	2.75 ± 1.50	15.32	3.38	0.0241 ± 0.0035
1B16717D	1080 °C		0.0007492	2.389	0.0734366	8.364	0.0001944	4.187	0.0042584	0.719	0.2250922	0.755	2.28 ± 3.37	3.38	1.97	0.0246 ± 0.0041
1B16718D	1130 °C		0.0003946	3.202	0.0774625	8.664	0.0001276	6.916	0.0044520	0.797	0.1169466	1.445	1.62 ± 2.39	4.83	2.06	0.0244 ± 0.0042
1B16719D	1180 °C		0.0004067	3.486	0.1121977	6.735	0.0001739	6.232	0.0075177	0.384	0.1206564	1.414	1.47 ± 1.56	7.18	3.49	0.0285 ± 0.0038
1B16720D	1230 °C		0.0004660	2.963	0.1549128	7.152	0.0002476	3.308	0.0123444	0.579	0.1385552	1.221	1.28 ± 0.94	9.00	5.74	0.0340 ± 0.0049
1B16721D	1280 °C		0.0005125	2.993	0.1841660	7.643	0.0002555	5.118	0.0143247	0.448	0.1523491	1.124	1.32 ± 0.89	9.73	6.66	0.0331 ± 0.0051
1B16722D	1350 °C		0.0003275	3.669	0.1207067	6.674	0.0001577	6.218	0.0077531	0.495	0.0901700	1.880	0.42 ± 1.32	2.83	3.60	0.0273 ± 0.0037
1B16723D	1450 °C		0.0004297	4.226	0.1858776	6.702	0.0001996	5.285	0.0102528	0.434	0.1154585	1.473	0.35 ± 1.44	2.44	4.75	0.0234 ± 0.0031
		Σ	0.0070835	0.981	3.7857214	1.365	0.0039567	1.429	0.2158980	0.141	2.0866326	0.411				

Information on Analysis and Constants Used in Calculations

Sample = PLG-D
Material = plg
Location = Furnace
Analyst = Eric Thern
Project = ANTILLES-NICE
Mass Discrimination Law = POW
Irradiation = I8t2h
J = 0.00069900 ± 0.00000203
GA1550 = 99.769 ± 0.110 Ma
IGSN = Undefined
Preferred Age = Undefined
Classification = Undefined
Experiment Type = Undefined
Extraction Method = Undefined
Heating = 60 sec
Isolation = 5.00 min
Instrument = MAP215-50
Lithology = Undefined
Lat-Lon = Undefined - Undefined

Age Equations = Min et al. (2000)
Negative Intensities = Allowed
Decay Constant 40K = 5.549 ± 0.009 E-10 1/a
Decay Constant 39Ar = 2.940 ± 0.029 E-07 1/h
Decay Constant 37Ar = 8.230 ± 0.082 E-04 1/h
Decay Constant 36Cl = 2.303 ± 0.046 E-06 1/a
Production Ratio 36/38 in Cl = 263.0 ± 13.2
Decay Constant 40K(EC,β^+) = 0.576 ± 0.002 E-10 1/a
Decay Constant 40K(β^-) = 4.974 ± 0.009 E-10 1/a
Abundance Ratio 40K/K = 1.1700 ± 0.0100 E-04
Atomic Weight K = 39.0983 ± 0.0001 g

Results

Results	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau	1.0569 ± 0.1808 ± 17.11%	1.33 ± 0.23 ± 17.11%	0.87	92.60 24	0.0178 ± 0.0042
	Full External Error ± 0.23		2.07	Statistical T Ratio	
	Analytical Error ± 0.23		1.0000	Error Magnification	
Total Fusion Age	1.3625 ± 0.2147 ± 15.76%	1.72 ± 0.27 ± 15.76%		28	0.0242 ± 0.0007
	Full External Error ± 0.27				
	Analytical Error ± 0.27				
Normal Isochron	1.0021 ± 0.2353 ± 23.48%	1.26 ± 0.30 ± 23.48%	0.81	92.60 24	
	Full External Error ± 0.30		1.54	Statistical F ratio	
	Analytical Error ± 0.30		1.0000	Error Magnification	
Inverse Isochron	1.0626 ± 0.1054 ± 9.92%	1.34 ± 0.13 ± 9.94%	0.99	92.60 24	
	Full External Error ± 0.13		1.54	Statistical F ratio	
	Analytical Error ± 0.13		1.0000	Error Magnification	

Procedure Blanks		36Ar	1σ	37Ar	1σ	38Ar	1σ	39Ar	1σ	40Ar
1B16045D	600 °C	0.000053	0.000006	0.000418	0.000013	0.000017	0.000007	0.000016	0.000008	0.010206
1B16046D	700 °C	0.000060	0.000006	0.000404	0.000013	0.000019	0.000007	0.000016	0.000008	0.010511
1B16047D	800 °C	0.000069	0.000006	0.000389	0.000013	0.000021	0.000007	0.000016	0.000008	0.013075
1B16048D	870 °C	0.000065	0.000006	0.000382	0.000013	0.000021	0.000007	0.000016	0.000008	0.012777
1B16049D	950 °C	0.000054	0.000006	0.000381	0.000013	0.000020	0.000007	0.000016	0.000008	0.010496
1B16050D	1020 °C	0.000048	0.000006	0.000386	0.000013	0.000019	0.000007	0.000016	0.000008	0.009313
1B16051D	1080 °C	0.000048	0.000006	0.000386	0.000013	0.000019	0.000007	0.000016	0.000008	0.009313
1B16052D	1130 °C	0.000089	0.000006	0.000398	0.000013	0.000024	0.000007	0.000016	0.000008	0.020050
1B16053D	1180 °C	0.000150	0.000006	0.000401	0.000013	0.000030	0.000007	0.000016	0.000008	0.035810
1B16054D	1230 °C	0.000086	0.000011	0.000378	0.000012	0.000030	0.000006	0.000015	0.000007	0.016252
1B16055D	1280 °C	0.000086	0.000011	0.000378	0.000012	0.000028	0.000006	0.000015	0.000007	0.016968
1B16056D	1350 °C	0.000104	0.000011	0.000384	0.000012	0.000028	0.000006	0.000015	0.000007	0.024405
1B16057D	1420 °C	0.000181	0.000011	0.000394	0.000012	0.000038	0.000006	0.000015	0.000007	0.048557
1B16058D	1500 °C	0.000416	0.000011	0.000405	0.000012	0.000085	0.000006	0.000015	0.000007	0.114118
1B16059D	1550 °C	0.000690	0.000011	0.000407	0.000012	0.000146	0.000006	0.000015	0.000007	0.186448
1B16711D	600 °C	0.000267	0.000010	0.000374	0.000012	0.000028	0.000005	0.000137	0.000007	0.039679
1B16712D	700 °C	0.000112	0.000010	0.000351	0.000012	0.000013	0.000005	0.000045	0.000007	0.018356
1B16713D	800 °C	0.000062	0.000010	0.000342	0.000012	0.000012	0.000005	0.000014	0.000007	0.012828
1B16714D	870 °C	0.000060	0.000010	0.000340	0.000012	0.000015	0.000005	0.000012	0.000007	0.013355
1B16715D	950 °C	0.000071	0.000010	0.000338	0.000012	0.000018	0.000005	0.000015	0.000007	0.015321
1B16716D	1020 °C	0.000080	0.000010	0.000336	0.000012	0.000020	0.000005	0.000019	0.000007	0.016991
1B16717D	1080 °C	0.000086	0.000010	0.000334	0.000012	0.000021	0.000005	0.000020	0.000007	0.018200
1B16718D	1130 °C	0.000089	0.000010	0.000332	0.000012	0.000021	0.000005	0.000019	0.000007	0.019332
1B16719D	1180 °C	0.000091	0.000010	0.000331	0.000012	0.000021	0.000005	0.000019	0.000007	0.021082
1B16720D	1230 °C	0.000096	0.000010	0.000329	0.000012	0.000022	0.000005	0.000020	0.000007	0.024164
1B16721D	1280 °C	0.000107	0.000010	0.000328	0.000012	0.000026	0.000005	0.000025	0.000007	0.029519
1B16722D	1350 °C	0.000143	0.000010	0.000331	0.000012	0.000036	0.000005	0.000045	0.000007	0.043105
1B16723D	1450 °C	0.000267	0.000010	0.000345	0.000012	0.000070	0.000005	0.000120	0.000007	0.082316

1σ
0.001176
0.001176
0.001176
0.001176
0.001176
0.001176
0.001176
0.001176
0.001176
0.001958
0.001958
0.001958
0.001958
0.001958
0.001958
0.001686
0.001686
0.001686
0.001686
0.001686
0.001686
0.001686
0.001686
0.001686
0.001686
0.001686
0.001686
0.001686

Sample Parameters		Sample	Material	Location
1B16045D	600 °C	Plg-D	plg	Furnace
1B16046D	700 °C	Plg-D	plg	Furnace
1B16047D	800 °C	Plg-D	plg	Furnace
1B16048D	870 °C	Plg-D	plg	Furnace
1B16049D	950 °C	Plg-D	plg	Furnace
1B16050D	1020 °C	Plg-D	plg	Furnace
1B16051D	1080 °C	Plg-D	plg	Furnace
1B16052D	1130 °C	Plg-D	plg	Furnace
1B16053D	1180 °C	Plg-D	plg	Furnace
1B16054D	1230 °C	Plg-D	plg	Furnace
1B16055D	1280 °C	Plg-D	plg	Furnace
1B16056D	1350 °C	Plg-D	plg	Furnace
1B16057D	1420 °C	Plg-D	plg	Furnace
1B16058D	1500 °C	Plg-D	plg	Furnace
1B16059D	1550 °C	Plg-D	plg	Furnace
1B16711D	600 °C	Plg-E	plg	Furnace
1B16712D	700 °C	Plg-E	plg	Furnace
1B16713D	800 °C	Plg-E	plg	Furnace
1B16714D	870 °C	Plg-E	plg	Furnace
1B16715D	950 °C	Plg-E	plg	Furnace
1B16716D	1020 °C	Plg-E	plg	Furnace
1B16717D	1080 °C	Plg-E	plg	Furnace
1B16718D	1130 °C	Plg-E	plg	Furnace
1B16719D	1180 °C	Plg-E	plg	Furnace
1B16720D	1230 °C	Plg-E	plg	Furnace
1B16721D	1280 °C	Plg-E	plg	Furnace
1B16722D	1350 °C	Plg-E	plg	Furnace
1B16723D	1450 °C	Plg-E	plg	Furnace

Analyst	Temp
Eric Thern	600
Eric Thern	700
Eric Thern	800
Eric Thern	870
Eric Thern	950
Eric Thern	1020
Eric Thern	1080
Eric Thern	1130
Eric Thern	1180
Eric Thern	1230
Eric Thern	1280
Eric Thern	1350
Eric Thern	1420
Eric Thern	1500
Eric Thern	1550
Fred Jourdan	600
Fred Jourdan	700
Fred Jourdan	800
Fred Jourdan	870
Fred Jourdan	950
Fred Jourdan	1020
Fred Jourdan	1080
Fred Jourdan	1130
Fred Jourdan	1180
Fred Jourdan	1230
Fred Jourdan	1280
Fred Jourdan	1350
Fred Jourdan	1450

Standard (in Ma)	%1σ	J	%1σ	MDF	%1σ	Volume Ratio	Sensitivity (mol/volt)
99.769	0.11	0.000699	0.29	1.006626	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006626	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006626	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006626	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006626	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006626	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006601	0.32	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006626	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006626	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006626	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006626	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006626	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006626	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006626	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006626	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006575	0.32	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006575	0.32	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006575	0.32	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006575	0.32	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006575	0.32	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006575	0.32	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006575	0.32	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006575	0.32	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006575	0.32	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006575	0.32	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006575	0.32	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006575	0.32	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006575	0.32	1	4.050E-14

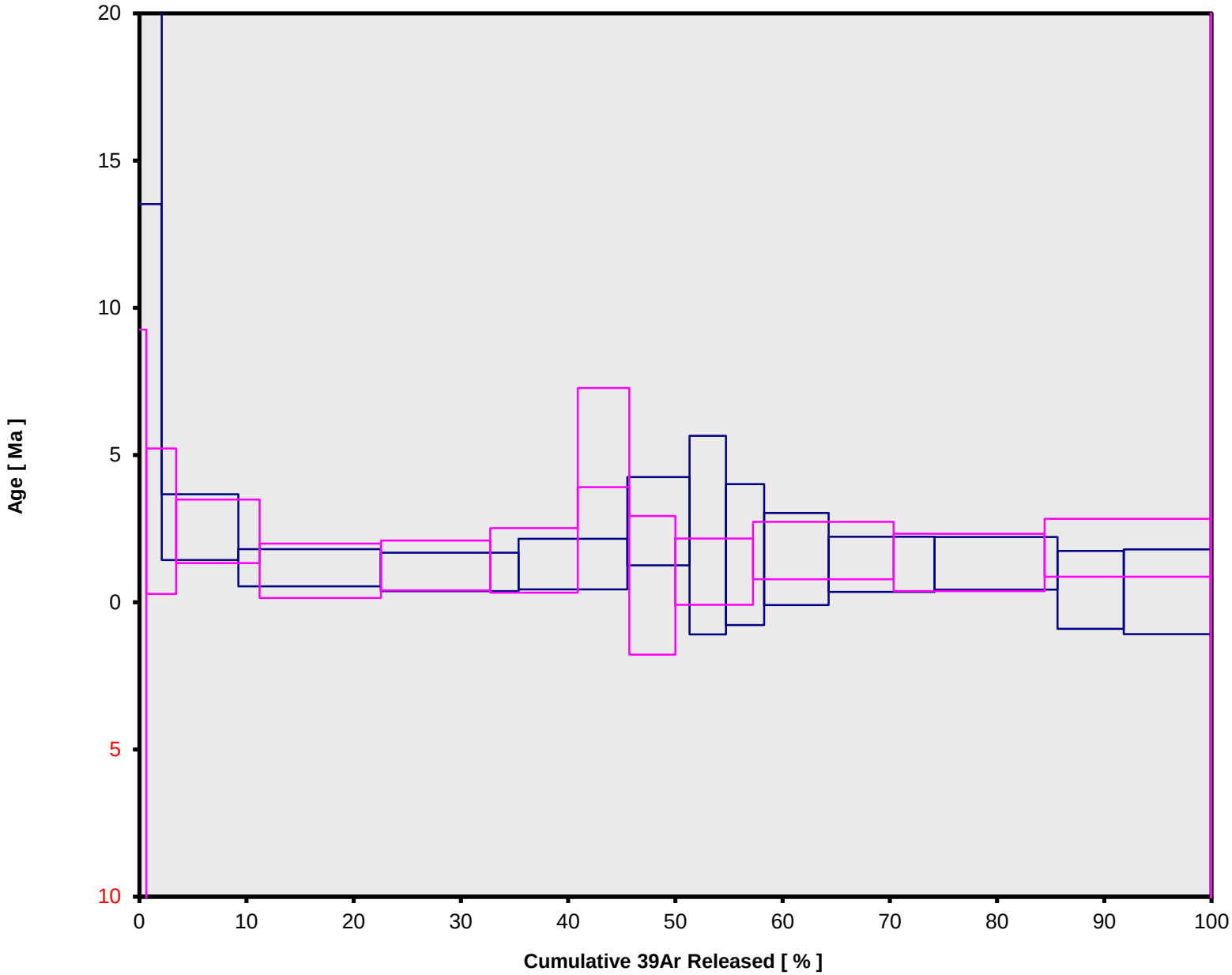
Day	Month	Year	Hour	Min	Resist	Irradiation	Project	Experiment	Nmb	Standard Name
01	MAY	2011	19	29	001	I8t2h	Antilles-Nice	verati-plgD	01	GA1550
01	MAY	2011	20	06	001	I8t2h	Antilles-Nice	verati-plgD	01	GA1550
01	MAY	2011	20	42	001	I8t2h	Antilles-Nice	verati-plgD	01	GA1550
01	MAY	2011	21	18	001	I8t2h	Antilles-Nice	verati-plgD	01	GA1550
01	MAY	2011	21	54	001	I8t2h	Antilles-Nice	verati-plgD	01	GA1550
01	MAY	2011	22	30	001	I8t2h	Antilles-Nice	verati-plgD	01	GA1550
01	MAY	2011	23	05	001	I8t2h	Antilles-Nice	verati-plgD	01	GA1550
01	MAY	2011	23	41	001	I8t2h	Antilles-Nice	verati-plgD	01	GA1550
02	MAY	2011	00	17	001	I8t2h	Antilles-Nice	verati-plgD	01	GA1550
02	MAY	2011	00	53	001	I8t2h	Antilles-Nice	verati-plgD	01	GA1550
02	MAY	2011	01	28	001	I8t2h	Antilles-Nice	verati-plgD	01	GA1550
02	MAY	2011	02	04	001	I8t2h	Antilles-Nice	verati-plgD	01	GA1550
02	MAY	2011	02	40	001	I8t2h	Antilles-Nice	verati-plgD	01	GA1550
02	MAY	2011	03	16	001	I8t2h	Antilles-Nice	verati-plgD	01	GA1550
02	MAY	2011	03	53	001	I8t2h	Antilles-Nice	verati-plgD	01	GA1550
14	JUN	2011	04	31	001	I8t2h	Antilles-Nice	1B16711D	02	GA1550
14	JUN	2011	05	24	001	I8t2h	Antilles-Nice	1B16711D	02	GA1550
14	JUN	2011	06	17	001	I8t2h	Antilles-Nice	1B16711D	02	GA1550
14	JUN	2011	07	10	001	I8t2h	Antilles-Nice	1B16711D	02	GA1550
14	JUN	2011	07	10	001	I8t2h	Antilles-Nice	1B16711D	02	GA1550
14	JUN	2011	07	10	001	I8t2h	Antilles-Nice	1B16711D	02	GA1550
14	JUN	2011	07	10	001	I8t2h	Antilles-Nice	1B16711D	02	GA1550
14	JUN	2011	07	10	001	I8t2h	Antilles-Nice	1B16711D	02	GA1550
14	JUN	2011	07	10	001	I8t2h	Antilles-Nice	1B16711D	02	GA1550
14	JUN	2011	07	10	001	I8t2h	Antilles-Nice	1B16711D	02	GA1550
14	JUN	2011	07	10	001	I8t2h	Antilles-Nice	1B16711D	02	GA1550
14	JUN	2011	07	10	001	I8t2h	Antilles-Nice	1B16711D	02	GA1550
14	JUN	2011	07	10	001	I8t2h	Antilles-Nice	1B16711D	02	GA1550

Irradiation Constants		40/36(a)	%1σ	40/36(c)	%1σ	38/36(a)	%1σ	38/36(c)	%1σ
1B16045D	600 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16046D	700 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16047D	800 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16048D	870 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16049D	950 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16050D	1020 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16051D	1080 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16052D	1130 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16053D	1180 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16054D	1230 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16055D	1280 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16056D	1350 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16057D	1420 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16058D	1500 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16059D	1550 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16711D	600 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16712D	700 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16713D	800 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16714D	870 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16715D	950 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16716D	1020 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16717D	1080 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16718D	1130 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16719D	1180 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16720D	1230 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16721D	1280 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16722D	1350 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16723D	1450 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3

39/37(ca)	%1σ	38/37(ca)	%1σ	36/37(ca)	%1σ	40/39(k)	%1σ	38/39(k)	%1σ	36/38(cl)	%1σ
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0
0.00073	11	0.0000229	10	0.000282	1	0.000676	10	0.0124	32	270	0

K/Ca	%1σ	K/Cl	%1σ	Ca/Cl	%1σ
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0
0.43	0	0	0	0	0

VERATI-COMBOPLGD+E.AGE >>> PLG-D >>> ANTILLES-NICE PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
1.33 ± 0.23
TOTAL FUSION
1.72 ± 0.27
NORMAL ISOCHRON
1.26 ± 0.30
INVERSE ISOCHRON
1.34 ± 0.13

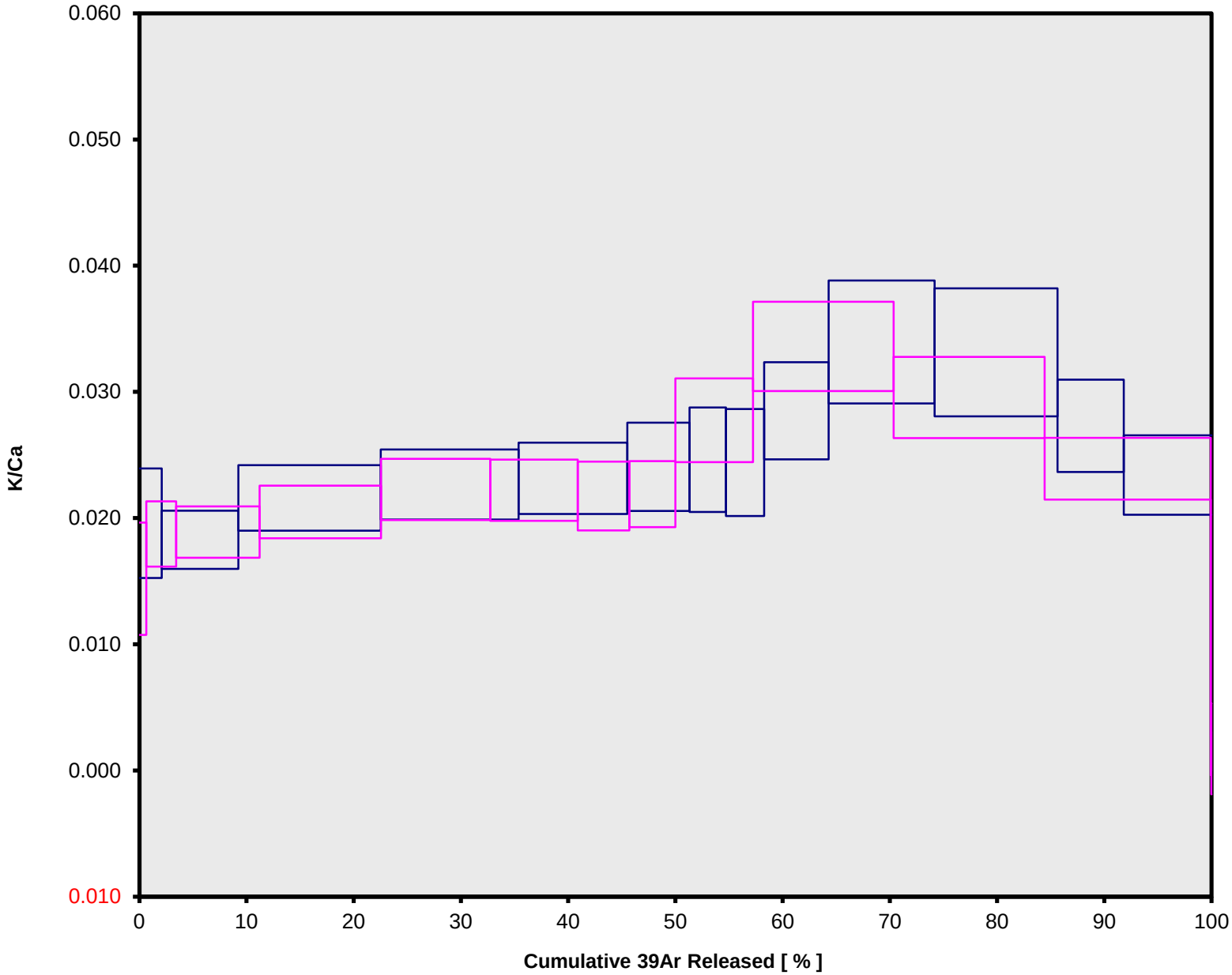
MSWD
0.87

Sample Info

plg
Furnace
Eric Thern

IRR = I8t2h
J = 0.00069900 ± 0.00000203

VERATI-COMBOPLGD+E.AGE >>> PLG-D >>> ANTILLES-NICE PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
1.33 ± 0.23
TOTAL FUSION
1.72 ± 0.27
NORMAL ISOCHRON
1.26 ± 0.30
INVERSE ISOCHRON
1.34 ± 0.13

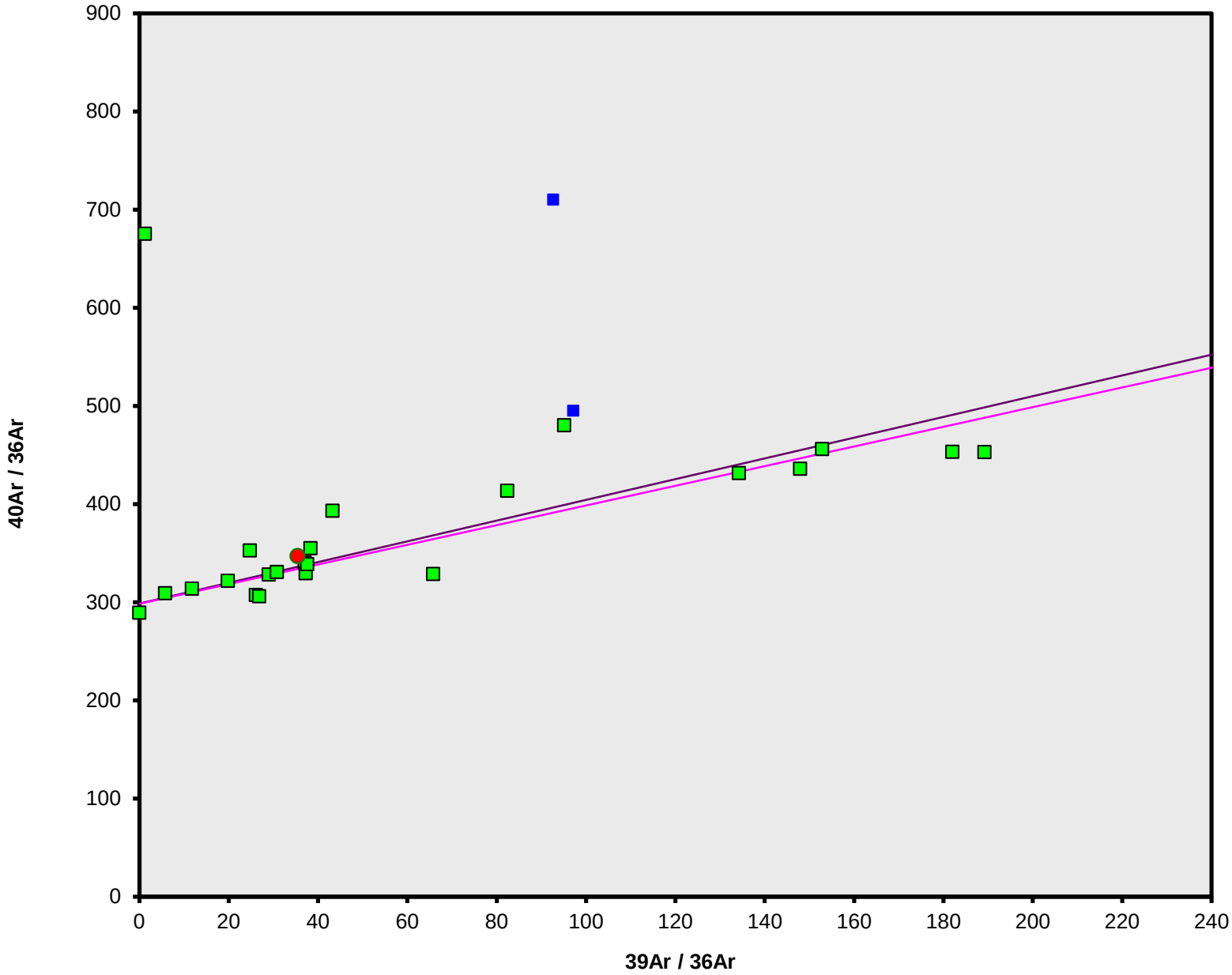
Sample Info

plg
Furnace
Eric Thern

IRR = I8t2h
J = 0.00069900 ± 0.00000203

18724_6 printed at 15/01/2014 (10:46)
ArArCALC v2.50

VERATI-COMBOPLGD+E.AGE >>> PLG-D >>> ANTILLES-NICE PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
1.33 ± 0.23
TOTAL FUSION
1.72 ± 0.27
NORMAL ISOCHRON
1.26 ± 0.30
INVERSE ISOCHRON
1.34 ± 0.13

MSWD
0.81

40AR/36AR
INTERCEPT
298.3 ± 8.2

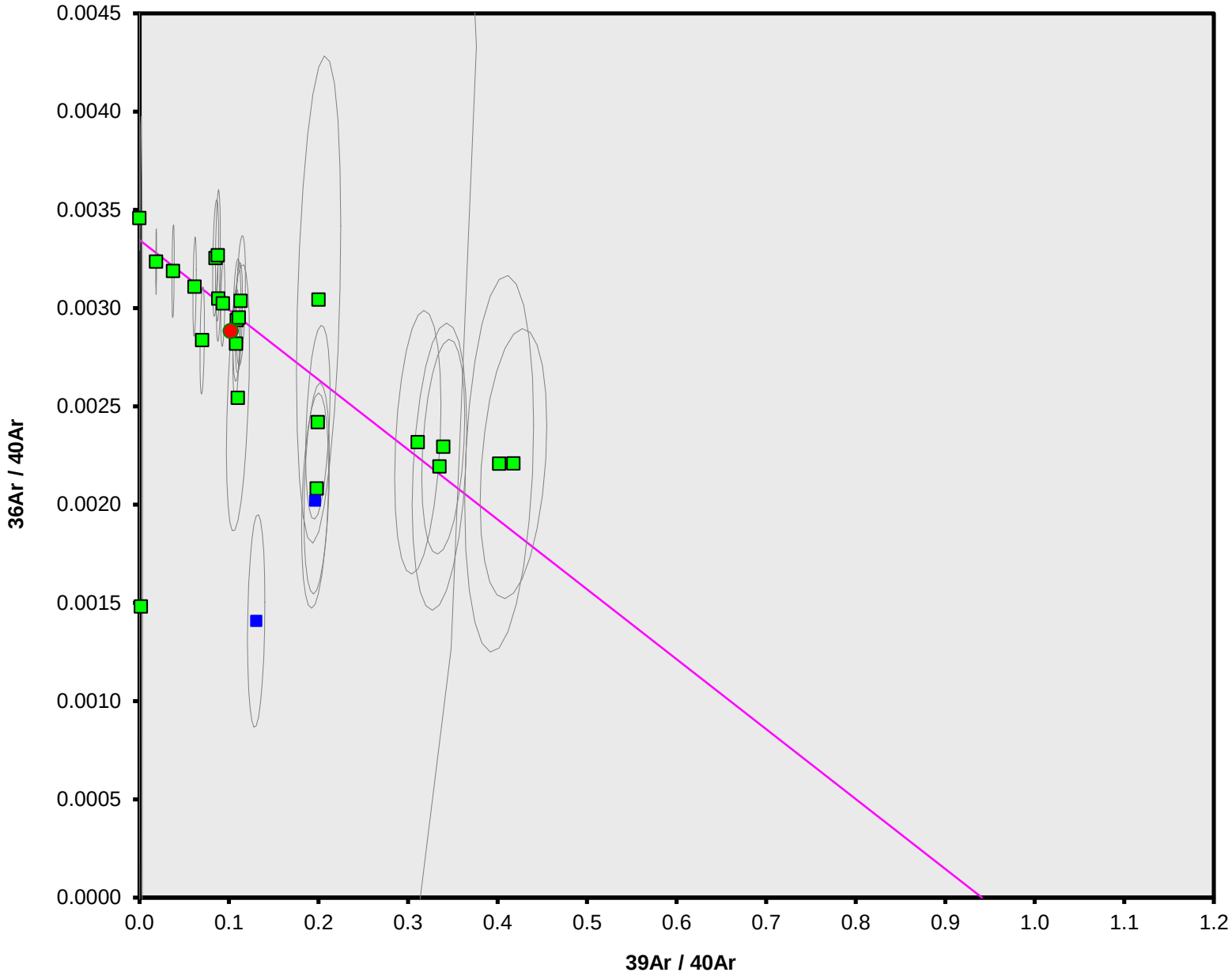
Sample Info

plg
Furnace
Eric Thern

IRR = I8t2h
J = 0.00069900 ± 0.00000203

18724_6 printed at 15/01/2014 (10:47)
ArArCALC v2.50

VERATI-COMBOPLGD+E.AGE >>> PLG-D >>> ANTILLES-NICE PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
1.33 ± 0.23
TOTAL FUSION
1.72 ± 0.27
NORMAL ISOCHRON
1.26 ± 0.30
INVERSE ISOCHRON
1.34 ± 0.13

MSWD
0.99

40AR/36AR
INTERCEPT
298.8 ± 4.1

Sample Info

plg
Furnace
Eric Thern

IRR = I8t2h
J = 0.00069900 ± 0.00000203

18724_6 printed at 15/01/2014 (10:48)
ArArCALC v2.50