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) (%)
1B16079D	600 °C		0.000034	0.033821	0.000003	0.001780	0.001016	0.72 ± 3.70	11.14
1B16080D	700 °C		0.000134	0.134800	0.000014	0.007283	0.005427	0.94 ± 1.00	11.91
1B16081D	800 °C		0.000121	0.310300	0.000000	0.019147	0.021660	1.42 ± 0.46	37.41
1B16082D	870 °C		0.000105	0.334871	0.000000	0.022411	0.016930	0.95 ± 0.44	35.11
1B16083D	950 °C		0.000111	0.292035	0.000000	0.020227	0.016996	1.06 ± 0.42	33.83
1B16084D	1020 °C		0.000346	0.193756	0.000004	0.014013	0.009413	0.85 ± 0.68	8.35
1B16085D	1080 °C		0.000060	0.137395	0.000002	0.009813	0.007183	0.92 ± 0.69	28.77
1B16086D	1130 °C		0.000053	0.122230	0.000010	0.009778	0.006295	0.81 ± 0.72	28.41
1B16087D	1180 °C		0.000061	0.162700	0.000038	0.014763	0.012989	1.11 ± 0.57	41.80
1B16088D	1230 °C		0.000142	0.288991	0.000000	0.026067	0.025460	1.23 ± 0.43	37.49
1B16089D	1280 °C		0.000114	0.357330	0.000015	0.028822	0.030335	1.33 ± 0.43	47.21
1B16090D	1350 °C		0.001037	0.713861	0.000046	0.040965	0.053368	1.64 ± 0.45	14.71
1B16091D	1420 °C		0.001517	0.003156	0.000006	0.000054	0.007698	170.16 ± 392.34	1.67
1B16092D	1500 °C		0.000324	0.001947	0.000000	0.000014	0.006119	641.59 ± 1602.90	6.74
1B16093D	1550 °C		0.000480	0.000342	0.000000	0.000017	0.004330	297.71 ± 770.48	2.94
1B15981D	600 °C		0.000024	0.047054	0.000011	0.002286	0.000905	0.50 ± 3.10	11.22
1B15982D	700 °C		0.000067	0.137372	0.000000	0.007555	0.011771	1.96 ± 0.86	37.10
1B15983D	800 °C		0.000071	0.261725	0.000000	0.017599	0.027162	1.94 ± 0.42	56.09
1B15984D	870 °C		0.000097	0.276925	0.000007	0.020341	0.012683	0.79 ± 0.35	30.53
1B15985D	950 °C		0.000090	0.262199	0.000000	0.019144	0.014708	0.97 ± 0.49	35.41
1B15986D	1020 °C		0.000258	0.183730	0.000008	0.014486	0.011773	1.02 ± 0.63	13.25
1B15987D	1080 °C		0.000061	0.118492	0.000000	0.009663	0.012072	1.57 ± 0.79	39.69
1B15988D	1130 °C		0.000409	0.112257	0.000018	0.009541	0.008074	1.07 ± 1.39	6.20
1B15989D	1180 °C		0.000038	0.152924	0.000023	0.014352	0.013002	1.14 ± 0.55	53.48
1B15990D	1230 °C		0.000090	0.251943	0.000009	0.022993	0.019705	1.08 ± 0.50	42.34
1B15991D	1280 °C		0.000105	0.305711	0.000000	0.023660	0.027956	1.49 ± 0.48	47.15
1B15992D	1350 °C		0.001637	0.477265	0.000020	0.028787	0.043056	1.88 ± 0.84	8.10
1B15993D	1420 °C		0.000428	0.003289	0.000006	0.000026	0.002317	107.71 ± 507.73	1.78
1B15994D	1500 °C		0.000465	0.002680	0.000018	0.000033	0.003182	118.23 ± 418.68	2.24
1B15995D	1550 °C		0.000284	0.001840	0.000000	0.000009	0.006411	761.89 ± 2017.57	7.03
		Σ	0.008763	5.682938	0.000257	0.405627	0.425727		

Information on Analysis

Sample = PLG-F
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	0.9134 ± 0.0940 ± 10.29%	1.15 ± 0.12 ± 10.30%	0.98
		Full External Error ± 0.12	2.06
		Analytical Error ± 0.12	1.0000
Total Fusion Age	1.0496 ± 0.1294 ± 12.33%	1.32 ± 0.16 ± 12.34%	
		Full External Error ± 0.16	
		Analytical Error ± 0.16	

39Ar(k) (%)	K/Ca ± 2σ
0.44	0.0226 ± 0.0045
1.80	0.0232 ± 0.0027
4.72	0.0265 ± 0.0026
5.53	0.0288 ± 0.0029
4.99	0.0298 ± 0.0031
3.45	0.0311 ± 0.0032
2.42	0.0307 ± 0.0032
2.41	0.0344 ± 0.0041
3.64	0.0390 ± 0.0048
6.43	0.0388 ± 0.0040
7.11	0.0347 ± 0.0035
10.10	0.0247 ± 0.0024
0.01	0.0074 ± 0.0148
0.00	0.0032 ± 0.0077
0.00	0.0212 ± 0.2796
0.56	0.0209 ± 0.0037
1.86	0.0236 ± 0.0025
4.34	0.0289 ± 0.0029
5.01	0.0316 ± 0.0032
4.72	0.0314 ± 0.0031
3.57	0.0339 ± 0.0034
2.38	0.0351 ± 0.0038
2.35	0.0365 ± 0.0038
3.54	0.0404 ± 0.0044
5.67	0.0392 ± 0.0039
5.83	0.0333 ± 0.0034
7.10	0.0259 ± 0.0026
0.01	0.0034 ± 0.0046
0.01	0.0053 ± 0.0079
0.00	0.0020 ± 0.0063

39Ar(k) (%,n)	K/Ca ± 2σ
93.24 27	0.0291 ± 0.0030
Statistical T Ratio	
Error Magnification	
30	0.0307 ± 0.0007

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Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
1B16079D	600 °C		0.195203 ± 0.050600	0.003723 ± 0.001963	0.4895
1B16080D	700 °C		0.159827 ± 0.008598	0.002951 ± 0.000419	0.3504
1B16081D	800 °C		0.330800 ± 0.014011	0.002096 ± 0.000395	0.2102
1B16082D	870 °C		0.464854 ± 0.023355	0.002173 ± 0.000533	0.1988
1B16083D	950 °C		0.402709 ± 0.019559	0.002216 ± 0.000435	0.2334
1B16084D	1020 °C		0.124252 ± 0.003315	0.003070 ± 0.000223	0.2273
1B16085D	1080 °C		0.393155 ± 0.037672	0.002385 ± 0.000687	0.3263
1B16086D	1130 °C		0.441408 ± 0.047471	0.002398 ± 0.000810	0.3125
1B16087D	1180 °C		0.475243 ± 0.036729	0.001949 ± 0.000689	0.2122
1B16088D	1230 °C		0.383954 ± 0.022450	0.002093 ± 0.000415	0.2883
1B16089D	1280 °C		0.448661 ± 0.027909	0.001768 ± 0.000479	0.2227
1B16090D	1350 °C		0.112884 ± 0.001667	0.002857 ± 0.000135	0.1727
1B16091D	1420 °C		0.000118 ± 0.000062	0.003293 ± 0.000132	0.0036
1B16092D	1500 °C		0.000157 ± 0.000207	0.003575 ± 0.000368	0.0139
1B16093D	1550 °C		0.000114 ± 0.000142	0.003251 ± 0.000247	0.0079
1B15981D	600 °C		0.283449 ± 0.083143	0.002974 ± 0.002295	0.3786
1B15982D	700 °C		0.238116 ± 0.018021	0.002107 ± 0.000507	0.3031
1B15983D	800 °C		0.363495 ± 0.018293	0.001470 ± 0.000374	0.1889
1B15984D	870 °C		0.489812 ± 0.028476	0.002326 ± 0.000436	0.3003
1B15985D	950 °C		0.461041 ± 0.026841	0.002163 ± 0.000579	0.2097
1B15986D	1020 °C		0.162995 ± 0.005038	0.002906 ± 0.000267	0.2520
1B15987D	1080 °C		0.317709 ± 0.024872	0.002020 ± 0.000638	0.2440
1B15988D	1130 °C		0.073254 ± 0.001504	0.003142 ± 0.000271	0.1858
1B15989D	1180 °C		0.590637 ± 0.057949	0.001557 ± 0.000810	0.1855
1B15990D	1230 °C		0.494249 ± 0.042037	0.001931 ± 0.000615	0.2625
1B15991D	1280 °C		0.399154 ± 0.027118	0.001770 ± 0.000476	0.2408
1B15992D	1350 °C		0.054126 ± 0.000667	0.003078 ± 0.000120	0.1222
1B15993D	1420 °C		0.000202 ± 0.000147	0.003290 ± 0.000285	0.0145
1B15994D	1500 °C		0.000231 ± 0.000165	0.003274 ± 0.000269	0.0134
1B15995D	1550 °C		0.000093 ± 0.000206	0.003114 ± 0.000558	0.0047

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	305.7076 ± 3.2545 ± 1.06%	0.8566 ± 0.0533 ± 6.22%	1.08 ± 0.07 ± 6.25%	0.85
			Full External Error ± 0.07	
			Analytical Error ± 0.07	

Statistics				
	Statistical F ratio	1.51	Convergence	0.0006183153
	Error Magnification	1.0000	Number of Iterations	4
	Number of Data Points	27	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
1B16079D	600 °C		0.0000435	17.807	0.0338212	9.882	0.0000320	26.701	0.0018045	0.786	0.0091188	12.933	0.72 ± 3.70	11.14	0.44	0.0226 ± 0.0045
1B16080D	700 °C		0.0001725	4.993	0.1348004	5.735	0.0001327	9.751	0.0073815	0.707	0.0455739	2.587	0.94 ± 1.00	11.91	1.80	0.0232 ± 0.0027
1B16081D	800 °C		0.0002088	4.902	0.3102999	4.947	0.0002579	5.448	0.0193732	0.517	0.0578929	2.047	1.42 ± 0.46	37.41	4.72	0.0265 ± 0.0026
1B16082D	870 °C		0.0001992	5.825	0.3348706	5.083	0.0002805	4.706	0.0226554	0.400	0.0482258	2.475	0.95 ± 0.44	35.11	5.53	0.0288 ± 0.0029
1B16083D	950 °C		0.0001937	4.999	0.2920352	5.143	0.0002703	4.285	0.0204405	0.560	0.0502416	2.357	1.06 ± 0.42	33.83	4.99	0.0298 ± 0.0031
1B16084D	1020 °C		0.0004008	2.915	0.1937563	5.058	0.0002473	4.217	0.0141540	0.807	0.1127846	1.049	0.85 ± 0.68	8.35	3.45	0.0311 ± 0.0032
1B16085D	1080 °C		0.0000983	7.968	0.1373953	5.153	0.0001377	10.918	0.0099129	0.651	0.0249651	4.743	0.92 ± 0.69	28.77	2.42	0.0307 ± 0.0032
1B16086D	1130 °C		0.0000876	9.440	0.1222299	5.848	0.0001439	7.065	0.0098668	0.702	0.0221575	5.328	0.81 ± 0.72	28.41	2.41	0.0344 ± 0.0041
1B16087D	1180 °C		0.0001064	9.443	0.1626995	6.126	0.0002357	5.199	0.0148814	0.653	0.0310733	3.805	1.11 ± 0.57	41.80	3.64	0.0390 ± 0.0048
1B16088D	1230 °C		0.0002236	5.709	0.2889910	5.150	0.0003445	3.501	0.0262782	0.434	0.0679091	2.888	1.23 ± 0.43	37.49	6.43	0.0388 ± 0.0040
1B16089D	1280 °C		0.0002143	6.574	0.3573296	4.958	0.0004014	3.034	0.0290825	0.522	0.0642588	3.062	1.33 ± 0.43	47.21	7.11	0.0347 ± 0.0035
1B16090D	1350 °C		0.0012381	1.737	0.7138606	4.903	0.0007638	2.305	0.0414861	0.465	0.3629229	0.548	1.64 ± 0.45	14.71	10.10	0.0247 ± 0.0024
1B16091D	1420 °C		0.0015180	1.950	0.0031557	96.190	0.0002906	3.511	0.0000566	25.022	0.4606318	0.434	170.16 ± 392.34	1.67	0.01	0.0074 ± 0.0148
1B16092D	1500 °C		0.0003250	4.649	0.0019469	102.859	0.0000548	18.699	0.0000157	59.113	0.0907563	2.173	641.59 ± 1602.90	6.74	0.00	0.0032 ± 0.0077
1B16093D	1550 °C		0.0004796	3.536	0.0003421	657.186	0.0000642	16.033	0.0000171	60.331	0.1475047	1.362	297.71 ± 770.48	2.94	0.00	0.0212 ± 0.2796
1B15981D	600 °C		0.0000373	22.765	0.0470539	8.724	0.0000447	22.824	0.0023199	0.901	0.0080648	14.633	0.50 ± 3.10	11.22	0.56	0.0209 ± 0.0037
1B15982D	700 °C		0.0001056	6.976	0.1373724	5.191	0.0001085	8.574	0.0076550	0.697	0.0317320	3.713	1.96 ± 0.86	37.10	1.86	0.0236 ± 0.0025
1B15983D	800 °C		0.0001450	5.567	0.2617245	4.901	0.0002232	5.296	0.0177899	0.519	0.0484276	2.457	1.94 ± 0.42	56.09	4.34	0.0289 ± 0.0029
1B15984D	870 °C		0.0001747	4.357	0.2769251	5.088	0.0002836	6.353	0.0205431	0.499	0.0415419	2.859	0.79 ± 0.35	30.53	5.01	0.0316 ± 0.0032
1B15985D	950 °C		0.0001638	6.789	0.2621993	4.981	0.0002411	5.778	0.0193352	0.536	0.0415359	2.857	0.97 ± 0.49	35.41	4.72	0.0314 ± 0.0031
1B15986D	1020 °C		0.0003101	3.566	0.1837296	5.006	0.0002401	4.411	0.0146198	0.757	0.0888818	1.339	1.02 ± 0.63	13.25	3.57	0.0339 ± 0.0034
1B15987D	1080 °C		0.0000948	9.714	0.1184920	5.466	0.0001287	8.103	0.0097492	0.484	0.0304203	3.881	1.57 ± 0.79	39.69	2.38	0.0351 ± 0.0038
1B15988D	1130 °C		0.0004409	3.893	0.1122569	5.240	0.0002156	5.010	0.0096231	0.466	0.1302537	0.907	1.07 ± 1.39	6.20	2.35	0.0365 ± 0.0038
1B15989D	1180 °C		0.0000810	11.570	0.1529238	5.394	0.0002115	6.106	0.0144641	0.630	0.0243096	4.862	1.14 ± 0.55	53.48	3.54	0.0404 ± 0.0044
1B15990D	1230 °C		0.0001609	8.269	0.2519427	4.984	0.0003164	5.691	0.0231770	0.553	0.0465367	4.213	1.08 ± 0.50	42.34	5.67	0.0392 ± 0.0039
1B15991D	1280 °C		0.0001911	6.774	0.3057106	5.001	0.0003143	4.750	0.0238836	0.720	0.0592924	3.315	1.49 ± 0.48	47.15	5.83	0.0333 ± 0.0034
1B15992D	1350 °C		0.0017718	1.722	0.4772647	4.911	0.0006935	2.181	0.0291359	0.454	0.5318755	0.383	1.88 ± 0.84	8.10	7.10	0.0259 ± 0.0026
1B15993D	1420 °C		0.0004293	4.057	0.0032888	56.617	0.0000864	9.513	0.0000287	32.873	0.1302153	1.511	107.71 ± 507.73	1.78	0.01	0.0034 ± 0.0046
1B15994D	1500 °C		0.0004654	3.848	0.0026803	65.895	0.0001052	9.803	0.0000348	33.494	0.1418989	1.401	118.23 ± 418.68	2.24	0.01	0.0053 ± 0.0079
1B15995D	1550 °C		0.0002844	8.682	0.0018398	111.802	0.0000383	29.232	0.0000099	94.126	0.0911623	2.159	761.89 ± 2017.57	7.03	0.00	0.0020 ± 0.0063
		Σ	0.0103653	0.779	5.6829384	1.204	0.0069085	0.990	0.4097753	0.125	3.0421661	0.280				

Information on Analysis and Constants Used in Calculations

Sample = PLG-F
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	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau	0.9134 ± 0.0940 ± 10.29%	1.15 ± 0.12 ± 10.30%	0.98	93.24 27	0.0291 ± 0.0030
	Full External Error ± 0.12		2.06	Statistical T Ratio	
	Analytical Error ± 0.12		1.0000	Error Magnification	
Total Fusion Age	1.0496 ± 0.1294 ± 12.33%	1.32 ± 0.16 ± 12.34%		30	0.0307 ± 0.0007
	Full External Error ± 0.16				
	Analytical Error ± 0.16				
Normal Isochron	0.8020 ± 0.1129 ± 14.08%	1.01 ± 0.14 ± 14.09%	0.87	93.24 27	
	Full External Error ± 0.14		1.51	Statistical F ratio	
	Analytical Error ± 0.14		1.0000	Error Magnification	
Inverse Isochron	0.8566 ± 0.0533 ± 6.22%	1.08 ± 0.07 ± 6.25%	0.85	93.24 27	
	Full External Error ± 0.07		1.51	Statistical F ratio	
	Analytical Error ± 0.07		1.0000	Error Magnification	

Procedure Blanks		36Ar	1σ	37Ar	1σ	38Ar	1σ	39Ar	1σ	40Ar
1B16079D	600 °C	0.000053	0.000006	0.000418	0.000013	0.000021	0.000007	0.000016	0.000008	0.010206
1B16080D	700 °C	0.000060	0.000006	0.000404	0.000013	0.000021	0.000007	0.000016	0.000008	0.010511
1B16081D	800 °C	0.000069	0.000006	0.000389	0.000013	0.000021	0.000007	0.000016	0.000008	0.013075
1B16082D	870 °C	0.000065	0.000006	0.000382	0.000013	0.000021	0.000007	0.000016	0.000008	0.012777
1B16083D	950 °C	0.000054	0.000006	0.000381	0.000013	0.000021	0.000007	0.000016	0.000008	0.010496
1B16084D	1020 °C	0.000048	0.000006	0.000386	0.000013	0.000021	0.000007	0.000016	0.000008	0.009313
1B16085D	1080 °C	0.000058	0.000006	0.000392	0.000013	0.000021	0.000007	0.000016	0.000008	0.012160
1B16086D	1130 °C	0.000089	0.000006	0.000398	0.000013	0.000021	0.000007	0.000016	0.000008	0.020050
1B16087D	1180 °C	0.000150	0.000006	0.000401	0.000013	0.000021	0.000007	0.000016	0.000008	0.035810
1B16088D	1230 °C	0.000086	0.000011	0.000378	0.000012	0.000030	0.000006	0.000015	0.000007	0.016252
1B16089D	1280 °C	0.000086	0.000011	0.000378	0.000012	0.000028	0.000006	0.000015	0.000007	0.016968
1B16090D	1350 °C	0.000104	0.000011	0.000384	0.000012	0.000028	0.000006	0.000015	0.000007	0.024405
1B16091D	1420 °C	0.000181	0.000011	0.000394	0.000012	0.000038	0.000006	0.000015	0.000007	0.048557
1B16092D	1500 °C	0.000416	0.000011	0.000405	0.000012	0.000085	0.000006	0.000015	0.000007	0.114118
1B16093D	1550 °C	0.000690	0.000011	0.000407	0.000012	0.000146	0.000006	0.000015	0.000007	0.186448
1B15981D	600 °C	0.000053	0.000006	0.000418	0.000013	0.000017	0.000007	0.000016	0.000008	0.010206
1B15982D	700 °C	0.000060	0.000006	0.000404	0.000013	0.000019	0.000007	0.000016	0.000008	0.010511
1B15983D	800 °C	0.000069	0.000006	0.000389	0.000013	0.000021	0.000007	0.000016	0.000008	0.013075
1B15984D	870 °C	0.000065	0.000006	0.000382	0.000013	0.000021	0.000007	0.000016	0.000008	0.012777
1B15985D	950 °C	0.000054	0.000006	0.000381	0.000013	0.000020	0.000007	0.000016	0.000008	0.010496
1B15986D	1020 °C	0.000048	0.000006	0.000386	0.000013	0.000019	0.000007	0.000016	0.000008	0.009313
1B15987D	1080 °C	0.000058	0.000006	0.000392	0.000013	0.000020	0.000007	0.000016	0.000008	0.012160
1B15988D	1130 °C	0.000089	0.000006	0.000398	0.000013	0.000024	0.000007	0.000016	0.000008	0.020050
1B15989D	1180 °C	0.000150	0.000006	0.000401	0.000013	0.000030	0.000007	0.000016	0.000008	0.035810
1B15990D	1230 °C	0.000086	0.000011	0.000378	0.000012	0.000030	0.000006	0.000015	0.000007	0.016252
1B15991D	1280 °C	0.000086	0.000011	0.000378	0.000012	0.000028	0.000006	0.000015	0.000007	0.016968
1B15992D	1350 °C	0.000104	0.000011	0.000384	0.000012	0.000028	0.000006	0.000015	0.000007	0.024405
1B15993D	1420 °C	0.000181	0.000011	0.000394	0.000012	0.000038	0.000006	0.000015	0.000007	0.048557
1B15994D	1500 °C	0.000416	0.000011	0.000405	0.000012	0.000085	0.000006	0.000015	0.000007	0.114118
1B15995D	1550 °C	0.000690	0.000011	0.000407	0.000012	0.000146	0.000006	0.000015	0.000007	0.186448

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
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0.001176
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0.001176
0.001176
0.001176
0.001176
0.001958
0.001958
0.001958
0.001958
0.001958
0.001958

Sample Parameters		Sample	Material	Location
1B16079D	600 °C	Plg-F	plg	Furnace
1B16080D	700 °C	Plg-F	plg	Furnace
1B16081D	800 °C	Plg-F	plg	Furnace
1B16082D	870 °C	Plg-F	plg	Furnace
1B16083D	950 °C	Plg-F	plg	Furnace
1B16084D	1020 °C	Plg-F	plg	Furnace
1B16085D	1080 °C	Plg-F	plg	Furnace
1B16086D	1130 °C	Plg-F	plg	Furnace
1B16087D	1180 °C	Plg-F	plg	Furnace
1B16088D	1230 °C	Plg-F	plg	Furnace
1B16089D	1280 °C	Plg-F	plg	Furnace
1B16090D	1350 °C	Plg-F	plg	Furnace
1B16091D	1420 °C	Plg-F	plg	Furnace
1B16092D	1500 °C	Plg-F	plg	Furnace
1B16093D	1550 °C	Plg-F	plg	Furnace
1B15981D	600 °C	Plg-G	plg	Furnace
1B15982D	700 °C	Plg-G	plg	Furnace
1B15983D	800 °C	Plg-G	plg	Furnace
1B15984D	870 °C	Plg-G	plg	Furnace
1B15985D	950 °C	Plg-G	plg	Furnace
1B15986D	1020 °C	Plg-G	plg	Furnace
1B15987D	1080 °C	Plg-G	plg	Furnace
1B15988D	1130 °C	Plg-G	plg	Furnace
1B15989D	1180 °C	Plg-G	plg	Furnace
1B15990D	1230 °C	Plg-G	plg	Furnace
1B15991D	1280 °C	Plg-G	plg	Furnace
1B15992D	1350 °C	Plg-G	plg	Furnace
1B15993D	1420 °C	Plg-G	plg	Furnace
1B15994D	1500 °C	Plg-G	plg	Furnace
1B15995D	1550 °C	Plg-G	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
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

Standard (in Ma)	%1σ	J	%1σ	MDF	%1σ	Volume Ratio	Sensitivity (mol/volt)
99.769	0.11	0.000699	0.29	1.006641	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006641	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006641	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006641	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006641	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006641	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006641	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006641	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006641	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006641	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006641	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006641	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006641	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006641	0.31	1	4.050E-14
99.769	0.11	0.000699	0.29	1.006641	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	1.006626	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

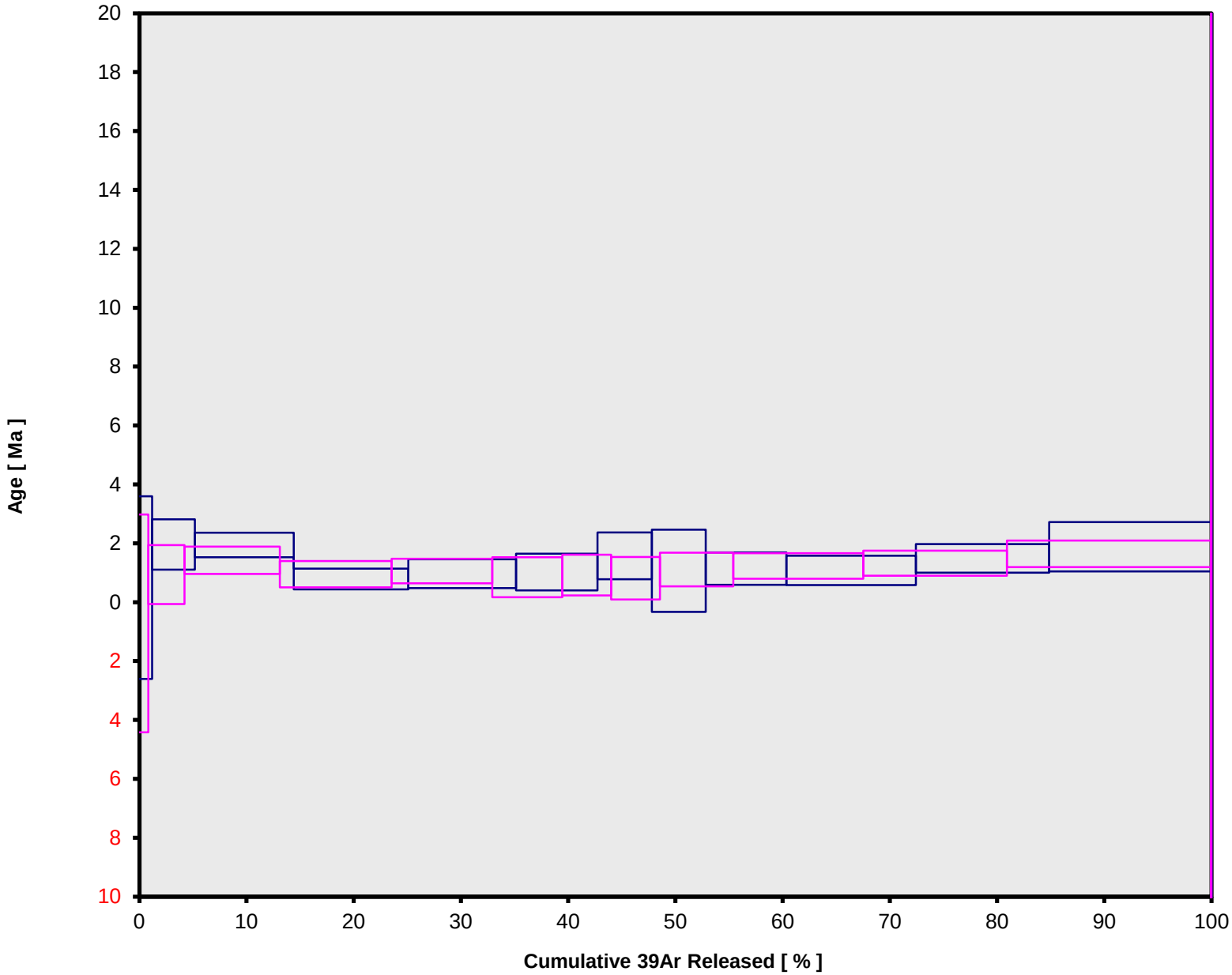
Day	Month	Year	Hour	Min	Resist	Irradiation	Project	Experiment	Nmb	Standard Name
02	MAY	2011	21	19	001	I8t2h	Antilles-Nice	verati-plgF	01	GA1550
02	MAY	2011	22	02	001	I8t2h	Antilles-Nice	verati-plgF	01	GA1550
02	MAY	2011	22	44	001	I8t2h	Antilles-Nice	verati-plgF	01	GA1550
02	MAY	2011	23	27	001	I8t2h	Antilles-Nice	verati-plgF	01	GA1550
03	MAY	2011	00	10	001	I8t2h	Antilles-Nice	verati-plgF	01	GA1550
03	MAY	2011	00	53	001	I8t2h	Antilles-Nice	verati-plgF	01	GA1550
03	MAY	2011	01	35	001	I8t2h	Antilles-Nice	verati-plgF	01	GA1550
03	MAY	2011	02	18	001	I8t2h	Antilles-Nice	verati-plgF	01	GA1550
03	MAY	2011	03	01	001	I8t2h	Antilles-Nice	verati-plgF	01	GA1550
03	MAY	2011	03	44	001	I8t2h	Antilles-Nice	verati-plgF	01	GA1550
03	MAY	2011	04	26	001	I8t2h	Antilles-Nice	verati-plgF	01	GA1550
03	MAY	2011	05	09	001	I8t2h	Antilles-Nice	verati-plgF	01	GA1550
03	MAY	2011	05	51	001	I8t2h	Antilles-Nice	verati-plgF	01	GA1550
03	MAY	2011	06	34	001	I8t2h	Antilles-Nice	verati-plgF	01	GA1550
03	MAY	2011	07	18	001	I8t2h	Antilles-Nice	verati-plgF	01	GA1550
29	APR	2011	18	50	001	I8t2h	Antilles-Nice	1B15981D	02	GA1550
29	APR	2011	19	33	001	I8t2h	Antilles-Nice	1B15981D	02	GA1550
29	APR	2011	20	16	001	I8t2h	Antilles-Nice	1B15981D	02	GA1550
29	APR	2011	20	58	001	I8t2h	Antilles-Nice	1B15981D	02	GA1550
29	APR	2011	21	41	001	I8t2h	Antilles-Nice	1B15981D	02	GA1550
29	APR	2011	22	24	001	I8t2h	Antilles-Nice	1B15981D	02	GA1550
29	APR	2011	23	07	001	I8t2h	Antilles-Nice	1B15981D	02	GA1550
29	APR	2011	23	49	001	I8t2h	Antilles-Nice	1B15981D	02	GA1550
30	APR	2011	00	32	001	I8t2h	Antilles-Nice	1B15981D	02	GA1550
30	APR	2011	01	15	001	I8t2h	Antilles-Nice	1B15981D	02	GA1550
30	APR	2011	01	58	001	I8t2h	Antilles-Nice	1B15981D	02	GA1550
30	APR	2011	02	40	001	I8t2h	Antilles-Nice	1B15981D	02	GA1550
30	APR	2011	03	23	001	I8t2h	Antilles-Nice	1B15981D	02	GA1550
30	APR	2011	04	06	001	I8t2h	Antilles-Nice	1B15981D	02	GA1550
30	APR	2011	04	50	001	I8t2h	Antilles-Nice	1B15981D	02	GA1550

Irradiation Constants		40/36(a)	%1σ	40/36(c)	%1σ	38/36(a)	%1σ	38/36(c)	%1σ
1B16079D	600 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16080D	700 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16081D	800 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16082D	870 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16083D	950 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16084D	1020 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16085D	1080 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16086D	1130 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16087D	1180 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16088D	1230 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16089D	1280 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16090D	1350 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16091D	1420 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16092D	1500 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B16093D	1550 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B15981D	600 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B15982D	700 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B15983D	800 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B15984D	870 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B15985D	950 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B15986D	1020 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B15987D	1080 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B15988D	1130 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B15989D	1180 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B15990D	1230 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B15991D	1280 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B15992D	1350 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B15993D	1420 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B15994D	1500 °C	298.56	0.1	0.018	35	0.1869	0.1	1.493	3
1B15995D	1550 °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
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
0.43	0	0	0	0	0
0.43	0	0	0	0	0

VERATI-COMBOPLAGF+G.AGE >>> PLG-F >>> ANTILLES-NICE PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
1.15 ± 0.12
TOTAL FUSION
1.32 ± 0.16
NORMAL ISOCHRON
1.01 ± 0.14
INVERSE ISOCHRON
1.08 ± 0.07

MSWD
0.98

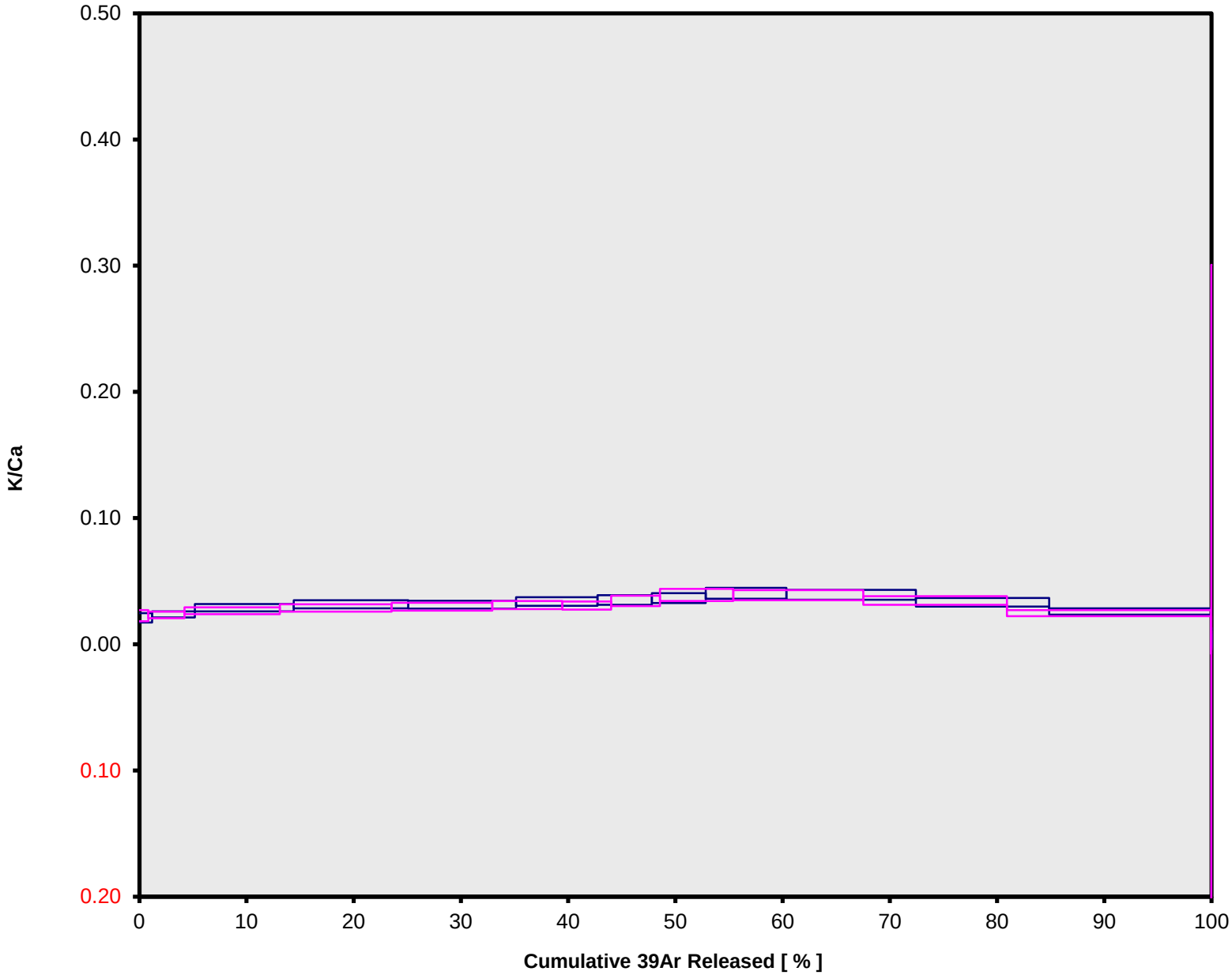
Sample Info

plg
Furnace
Eric Thern

IRR = I8t2h
J = 0.00069900 ± 0.00000203

18724_7 printed at 15/01/2014 (11:14)
ArArCALC v2.50

VERATI-COMBOPLAGF+G.AGE >>> PLG-F >>> ANTILLES-NICE PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
1.15 ± 0.12
TOTAL FUSION
1.32 ± 0.16
NORMAL ISOCHRON
1.01 ± 0.14
INVERSE ISOCHRON
1.08 ± 0.07

Sample Info

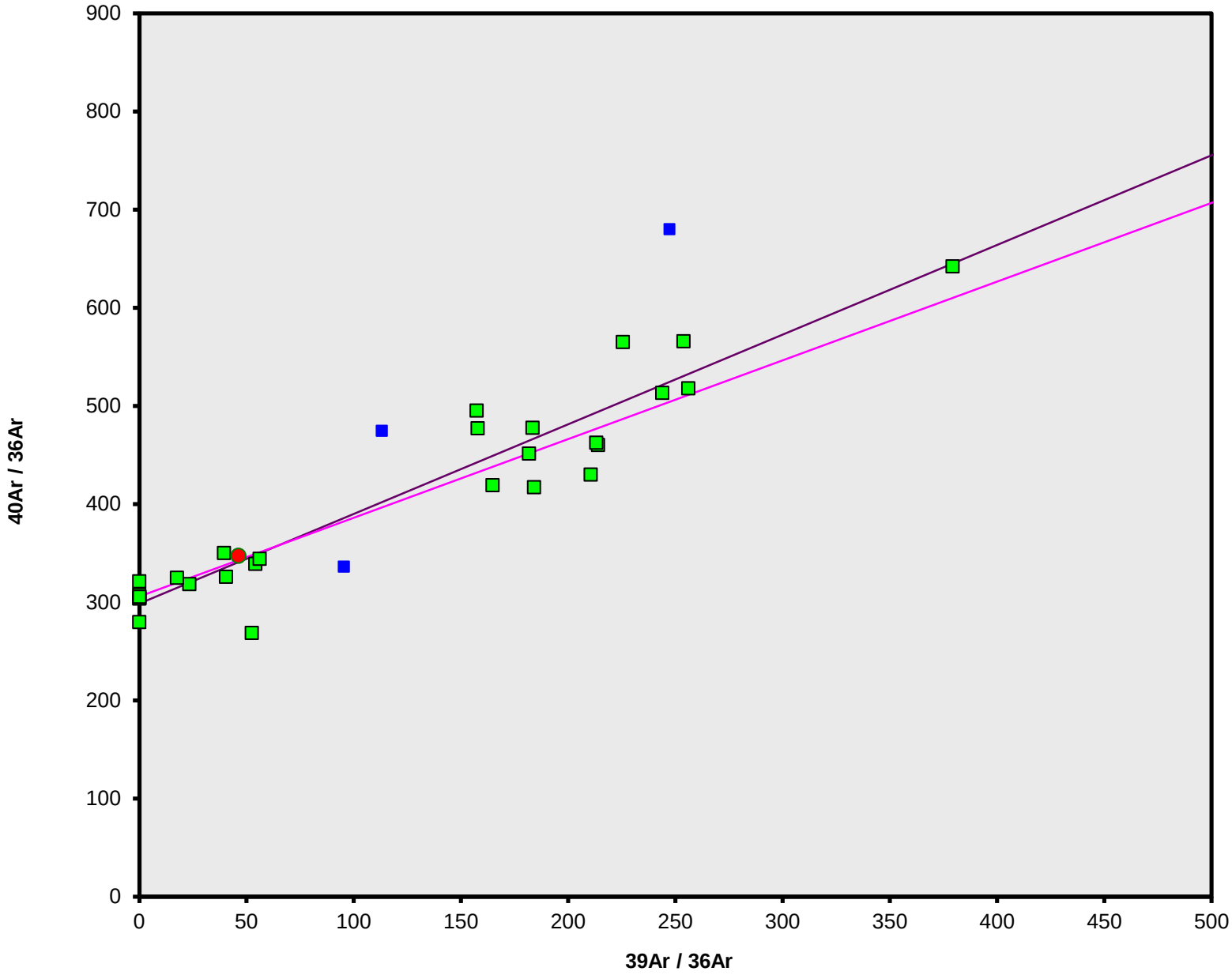
plg
Furnace
Eric Thern

IRR = I8t2h
J = 0.00069900 ± 0.00000203

18724_7 printed at 15/01/2014 (11:15)
ArArCALC v2.50

WAAIF
Curtin University, Perth, Australia

VERATI-COMBOPLAGF+G.AGE >>> PLG-F >>> ANTILLES-NICE PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
1.15 ± 0.12
TOTAL FUSION
1.32 ± 0.16
NORMAL ISOCHRON
1.01 ± 0.14
INVERSE ISOCHRON
1.08 ± 0.07

MSWD
0.87

40AR/36AR
INTERCEPT
305.7 ± 6.5

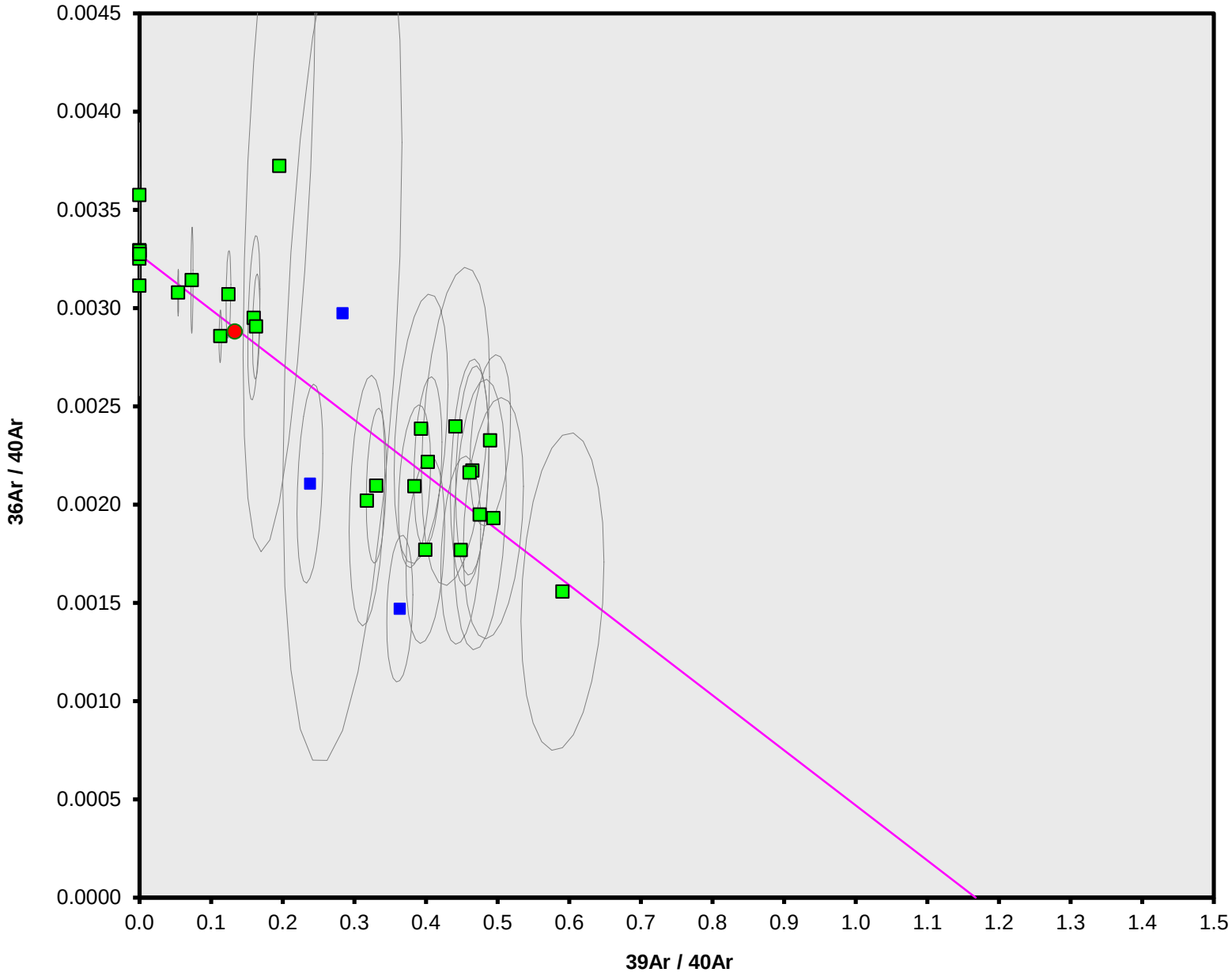
Sample Info

plg
Furnace
Eric Thern

IRR = I8t2h
J = 0.00069900 ± 0.00000203

18724_7 printed at 15/01/2014 (11:16)
ArArCALC v2.50

VERATI-COMBOPLAGF+G.AGE >>> PLG-F >>> ANTILLES-NICE PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
1.15 ± 0.12
TOTAL FUSION
1.32 ± 0.16
NORMAL ISOCHRON
1.01 ± 0.14
INVERSE ISOCHRON
1.08 ± 0.07

MSWD
0.85

40AR/36AR
INTERCEPT
305.7 ± 3.3

Sample Info

plg
Furnace
Eric Thern

IRR = I8t2h
J = 0.00069900 ± 0.00000203

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ArArCALC v2.50