

Incremental Heating		36Ar(a)	37Ar(ca)	38Ar(cl)	39Ar(k)	40Ar(r)	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
M1869-01	650 °C	0.000156	0.000450	0.000010	0.000010	0.001895	91.69 ± 457.15	3.91	0.01	1.89 ± 3.89
M1869-06	700 °C	0.000001	0.001068	0.000000	0.000096	0.001997	10.33 ± 27.70	118.88	0.06	7.62 ± 2.53
M1869-07	750 °C	0.000457	0.067937	0.000000	0.003790	0.014905	1.95 ± 3.07	9.85	2.26	4.74 ± 0.63
M1869-08	800 °C	0.000130	0.134476	0.000000	0.007024	0.024990	1.77 ± 0.73	39.20	4.18	4.44 ± 0.59
M1869-09	900 °C	0.000300	0.531825	0.000000	0.027052	0.104438	1.92 ± 0.43	53.78	16.10	4.32 ± 0.57
M1869-10	1000 °C	0.000362	0.862541	0.000000	0.043821	0.170949	1.94 ± 0.35	61.27	26.08	4.32 ± 0.57
M1869-11	1130 °C	0.000230	0.578576	0.000000	0.030405	0.118924	1.94 ± 0.34	63.43	18.09	4.47 ± 0.59
M1869-12	1280 °C	0.000329	0.414769	0.000000	0.022444	0.087324	1.93 ± 0.50	47.07	13.36	4.60 ± 0.61
M1869-13	1430 °C	0.000351	0.670421	0.000000	0.033400	0.134228	2.00 ± 0.41	56.14	19.88	4.23 ± 0.56
Σ		0.002313	3.261163	0.000010	0.168043	0.659649				

**Information on Analysis**

Sample = ALE-7  
 Material = Plagioclases  
 Location = Guadeloupe  
 Analyst = Chrystèle VERATI  
 Project = CHRYSTELE  
 Mass Discrimination Law = LIN  
 Irradiation = MC46  
 J = 0.00027562 ± 0.00000138  
 ACS-2 = 1.193 ± 0.001 Ma

Results	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (% , n)	K/Ca ± 2σ
<b>Age Plateau</b>	3.8981 ± 0.3431 ± 8.80%	1.94 ± 0.17 ± 8.85%	0.06	97.68 6	4.39 ± 0.24
		Minimal External Error ± 0.17 Analytical Error ± 0.17	2.57 1.0000	Statistical T Ratio Error Magnification	
<b>Total Fusion Age</b>	3.9255 ± 0.3734 ± 9.51%	1.95 ± 0.19 ± 9.56%		9	4.38 ± 0.30
		Minimal External Error ± 0.19 Analytical Error ± 0.19			

<b>Normal Isochron</b>		39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
M1869-01	650 °C	0.1 ± 0.1	310.7 ± 59.5	0.0959
M1869-06	700 °C	90.2 ± 1520.1	1581.0 ± 26647.9	0.9999
M1869-07	750 °C	8.3 ± 1.5	331.2 ± 56.8	0.9724
M1869-08	800 °C	54.1 ± 14.5	491.1 ± 130.4	0.9882
M1869-09	900 °C	90.0 ± 23.4	646.1 ± 165.6	0.9877
M1869-10	1000 °C	121.1 ± 33.9	771.0 ± 213.9	0.9894
M1869-11	1130 °C	132.4 ± 39.0	816.6 ± 237.9	0.9904
M1869-12	1280 °C	68.2 ± 15.7	564.1 ± 127.9	0.9843
M1869-13	1430 °C	95.1 ± 24.7	680.9 ± 174.4	0.9876

<b>Results</b>	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
<b>Normal Isochron</b>	280.7931 ± 106.9879 ± 38.10%	4.0749 ± 1.1396 ± 27.97%	2.03 ± 0.57 ± 27.97%	0.06
			Minimal External Error ± 0.57 Analytical Error ± 0.57	
<b>Statistics</b>	Statistical F ratio Error Magnification Number of Data Points	2.37 1.0000 6	Convergence Number of Iterations Calculated Line	0.0000386305 17 Weighted York-2

Inverse Isochron		39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
M1869-01	650 °C	0.000207 ± 0.000411	0.003218 ± 0.000617	0.0000
M1869-06	700 °C	0.057038 ± 0.013381	0.000633 ± 0.010662	0.0006
M1869-07	750 °C	0.025054 ± 0.001031	0.003019 ± 0.000518	0.0002
M1869-08	800 °C	0.110189 ± 0.004543	0.002036 ± 0.000541	0.0004
M1869-09	900 °C	0.139334 ± 0.005664	0.001548 ± 0.000397	0.0002
M1869-10	1000 °C	0.157078 ± 0.006383	0.001297 ± 0.000360	0.0001
M1869-11	1130 °C	0.162194 ± 0.006594	0.001225 ± 0.000357	0.0002
M1869-12	1280 °C	0.120987 ± 0.004916	0.001773 ± 0.000402	0.0001
M1869-13	1430 °C	0.139722 ± 0.005677	0.001469 ± 0.000376	0.0001

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	282.1430 ± 54.7544 ± 19.41%	4.0660 ± 0.5764 ± 14.18%	2.02 ± 0.29 ± 14.20%	0.06
			Minimal External Error ± 0.29 Analytical Error ± 0.29	
Statistics	Statistical F ratio Error Magnification Number of Data Points	2.37 1.0000 6	Convergence Number of Iterations Calculated Line	0.0001903469 3 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
M1869-01	650 °C	0.0001559	9.588	0.0004502	26.838	0.0000371	39.914	0.0000097	102.734	0.0484872	0.185	91.69 ± 457.15	3.91	0.01	1.89 ± 3.89
M1869-06	700 °C	0.0000008	1176.356	0.0010682	11.816	0.0000241	73.571	0.0000966	11.397	0.0016796	2.358	10.33 ± 27.70	118.88	0.06	7.62 ± 2.53
M1869-07	750 °C	0.0004760	8.227	0.0679368	5.939	0.0001600	9.009	0.0038399	2.027	0.1512891	0.064	1.95 ± 3.07	9.85	2.26	4.74 ± 0.63
M1869-08	800 °C	0.0001677	10.181	0.1344762	5.937	0.0001126	12.487	0.0071217	2.028	0.0637474	0.102	1.77 ± 0.73	39.20	4.18	4.44 ± 0.59
M1869-09	900 °C	0.0004505	8.311	0.5318251	5.933	0.0004251	5.523	0.0274407	2.000	0.1941823	0.071	1.92 ± 0.43	53.78	16.10	4.32 ± 0.57
M1869-10	1000 °C	0.0006051	7.933	0.8625411	5.932	0.0006413	4.586	0.0444510	2.000	0.2790213	0.050	1.94 ± 0.35	61.27	26.08	4.32 ± 0.57
M1869-11	1130 °C	0.0003927	8.139	0.5785760	5.934	0.0004689	5.828	0.0308277	2.001	0.1874928	0.073	1.94 ± 0.34	63.43	18.09	4.47 ± 0.59
M1869-12	1280 °C	0.0004458	8.214	0.4147692	5.934	0.0003544	6.539	0.0227471	2.002	0.1855321	0.056	1.93 ± 0.50	47.07	13.36	4.60 ± 0.61
M1869-13	1430 °C	0.0005401	8.053	0.6704209	5.933	0.0005443	4.867	0.0338895	1.999	0.2390812	0.058	2.00 ± 0.41	56.14	19.88	4.23 ± 0.56
Σ		0.0032331	3.107	3.2611633	2.577	0.0027195	2.423	0.1704239	0.863	1.3505129	0.025				

### Information on Analysis and Constants Used in Calculations

Sample = ALE-7  
Material = Plagioclases  
Location = Guadeloupe  
Analyst = Chrystèle VERATI  
Project = CHRYSTELE  
Mass Discrimination Law = LIN  
Irradiation = MC46  
J = 0.00027562 ± 0.00000138  
ACS-2 = 1.193 ± 0.001 Ma  
IGSN = Undefined  
Preferred Age = Undefined  
Classification = Undefined  
Experiment Type = Undefined  
Extraction Method = Undefined  
Heating = 60 sec  
Isolation = 2.00 min  
Instrument = VG3600  
Lithology = Undefined  
Lat-Lon = Undefined - Undefined

Age Equations = Conventional  
Negative Intensities = Allowed  
Decay Constant 40K = 5.543 ± 0.010 E-10 1/a  
Decay Constant 39Ar = 2.940 ± 0.029 E-07 1/h  
Decay Constant 37Ar = 8.220 ± 0.010 E-04 1/h  
Decay Constant 36Cl = 2.310 ± 0.016 E-06 1/a  
Production Ratio 36/38 in Cl = 316.0 ± 15.8

### Results

	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%),n	K/Ca ± 2σ
<b>Age Plateau</b>	3.8981 ± 0.3431 ± 8.80%	1.94 ± 0.17 ± 8.85%	0.06	97.68 6	4.39 ± 0.24
	Minimal External Error ± 0.17		2.57	Statistical T Ratio	
	Analytical Error ± 0.17		1.0000	Error Magnification	
<b>Total Fusion Age</b>	3.9255 ± 0.3734 ± 9.51%	1.95 ± 0.19 ± 9.56%		9	4.38 ± 0.30
	Minimal External Error ± 0.19				
	Analytical Error ± 0.19				
<b>Normal Isochron</b>	4.0749 ± 1.1396 ± 27.97%	2.03 ± 0.57 ± 27.97%	0.06	97.68 6	
	Minimal External Error ± 0.57		2.37	Statistical F ratio	
	Analytical Error ± 0.57		1.0000	Error Magnification	
<b>Inverse Isochron</b>	4.0660 ± 0.5764 ± 14.18%	2.02 ± 0.29 ± 14.20%	0.06	97.68 6	
	Minimal External Error ± 0.29		2.37	Statistical F ratio	
	Analytical Error ± 0.29		1.0000	Error Magnification	

Degassing Patterns		36Ar(a)	%1σ	36Ar(c)	%1σ	36Ar(ca)	%1σ	36Ar(cl)	%1σ	37Ar(ca)	%1σ	
M1869-01	650 °C	0.000156	9.58	0.000000	0.00	0.000000	26.86	0.000000	149.34	0.000450	26.84	
M1869-06	700 °C	0.000001	842.78	0.000000	0.00	0.000000	11.86	0.000000	0.00	0.001068	11.82	
M1869-07	750 °C	0.000457	8.58	0.000000	0.00	0.000019	6.02	0.000000	0.00	0.067937	5.94	
M1869-08	800 °C	0.000130	13.27	0.000000	0.00	0.000038	6.02	0.000000	0.00	0.134476	5.94	
M1869-09	900 °C	0.000300	12.82	0.000000	0.00	0.000150	6.02	0.000000	0.00	0.531825	5.93	
M1869-10	1000 °C	0.000362	13.87	0.000000	0.00	0.000243	6.02	0.000000	0.00	0.862541	5.93	
M1869-11	1130 °C	0.000230	14.57	0.000000	0.00	0.000163	6.02	0.000000	0.00	0.578576	5.93	
M1869-12	1280 °C	0.000329	11.34	0.000000	0.00	0.000117	6.02	0.000000	0.00	0.414769	5.93	
M1869-13	1430 °C	0.000351	12.81	0.000000	0.00	0.000189	6.02	0.000000	0.00	0.670421	5.93	
		Σ	0.002313	4.46	0.000000	0.00	0.000920	2.61	0.000000	149.34	3.261163	2.58
		Σ							0.003233	3.28	3.261163	2.58

38Ar(a)	%1σ	38Ar(c)	%1σ	38Ar(k)	%1σ	38Ar(ca)	%1σ	38Ar(cl)	%1σ
0.000029	9.58	0.000000	0.00	0.000000	99.39	0.000003	93.92	0.000010	149.67
0.000000	842.78	0.000000	0.00	0.000001	11.66	0.000006	90.77	0.000000	0.00
0.000086	8.58	0.000000	0.00	0.000045	2.87	0.000408	90.20	0.000000	0.00
0.000024	13.27	0.000000	0.00	0.000084	2.87	0.000807	90.20	0.000000	0.00
0.000057	12.82	0.000000	0.00	0.000325	2.85	0.003191	90.20	0.000000	0.00
0.000068	13.87	0.000000	0.00	0.000526	2.85	0.005175	90.20	0.000000	0.00
0.000043	14.57	0.000000	0.00	0.000365	2.85	0.003471	90.20	0.000000	0.00
0.000062	11.34	0.000000	0.00	0.000269	2.85	0.002489	90.20	0.000000	0.00
0.000066	12.81	0.000000	0.00	0.000401	2.85	0.004023	90.20	0.000000	0.00
0.000436	4.46	0.000000	0.00	0.002017	1.23	0.019567	39.17	0.000010	149.67
								0.022030	34.79

39Ar(k)	%1σ	39Ar(ca)	%1σ	40Ar(r)	%1σ	40Ar(a)	%1σ	40Ar(c)	%1σ	40Ar(k)	%1σ
0.000010	99.37	0.000000	27.13	0.001895	235.58	0.046592	9.58	0.000000	0.00	0.000000	99.41
0.000096	11.49	0.000001	12.47	0.001997	133.89	0.000317	842.78	0.000000	0.00	0.000000	11.88
0.003790	2.06	0.000050	7.16	0.014905	78.48	0.136381	8.58	0.000000	0.00	0.000004	3.64
0.007024	2.06	0.000098	7.16	0.024990	20.58	0.038751	13.27	0.000000	0.00	0.000007	3.64
0.027052	2.03	0.000388	7.16	0.104438	11.01	0.089717	12.82	0.000000	0.00	0.000027	3.62
0.043821	2.03	0.000630	7.15	0.170949	8.76	0.108028	13.87	0.000000	0.00	0.000044	3.62
0.030405	2.03	0.000422	7.16	0.118924	8.40	0.068539	14.57	0.000000	0.00	0.000030	3.62
0.022444	2.03	0.000303	7.16	0.087324	12.75	0.098185	11.34	0.000000	0.00	0.000022	3.62
0.033400	2.03	0.000489	7.16	0.134228	10.00	0.104820	12.81	0.000000	0.00	0.000033	3.62
0.168043	0.88	0.002381	3.11	0.659649	4.67	0.690695	4.46	0.000000	0.00	0.000168	1.56
		0.170424	0.87							1.350513	3.23

Additional Parameters		40(r)/39(k)	1 $\sigma$	40(r+a)	1 $\sigma$	40Ar/39Ar	1 $\sigma$	37Ar/39Ar	1 $\sigma$	36Ar/39Ar	1 $\sigma$
M1869-01	650 °C	189.162153	483.64949	0.048487	0.00009	5003.655464	5140.48524	<b>46.462606</b>	49.33492	16.091372	16.60322
M1869-06	700 °C	20.843125	28.00926	0.001679	0.00004	17.391626	2.02410	11.061578	1.81592	<b>0.007881</b>	0.09271
M1869-07	750 °C	3.932334	3.08698	0.151285	0.00010	39.399578	0.79915	17.692493	1.11035	0.123950	0.01050
M1869-08	800 °C	<a href="#">3.558005</a>	0.73604	0.063740	0.00006	8.951174	0.18176	18.882651	1.18475	0.023550	0.00244
M1869-09	900 °C	<a href="#">3.860584</a>	0.43224	0.194155	0.00014	7.076430	0.14162	19.380880	1.21335	0.016416	0.00140
M1869-10	1000 °C	<a href="#">3.901044</a>	0.35096	0.278977	0.00014	6.277053	0.12557	19.404311	1.21480	0.013612	0.00111
M1869-11	1130 °C	<a href="#">3.911271</a>	0.33785	0.187462	0.00014	6.081959	0.12180	18.768054	1.17531	0.012739	0.00107
M1869-12	1280 °C	<a href="#">3.890704</a>	0.50236	0.185510	0.00010	8.156290	0.16333	18.233918	1.14187	0.019599	0.00166
M1869-13	1430 °C	<a href="#">4.018789</a>	0.41012	0.239048	0.00014	7.054722	0.14106	19.782543	1.23854	0.015938	0.00132



Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
119.646	10.59998368	1.00084475	9.697E-16
120.735	10.83030000	1.00085244	3.359E-17
120.669	10.81606535	1.00085197	3.026E-15
120.685	10.81962226	1.00085209	1.275E-15
120.703	10.82332862	1.00085221	3.884E-15
120.720	10.82703624	1.00085234	5.580E-15
120.737	10.83059676	1.00085245	3.750E-15
120.755	10.83445530	1.00085258	3.711E-15
120.772	10.83801826	1.00085270	4.782E-15

Procedure Blanks		36Ar	1σ	37Ar	1σ	38Ar	1σ	39Ar	1σ	40Ar	1σ
M1869-01	650 °C	0.000064	0.000006	0.000193	0.000008	0.000019	0.000010	0.000027	0.000006	0.005884	0.000031
M1869-06	700 °C	0.000065	0.000006	0.000190	0.000008	0.000036	0.000009	0.000025	0.000006	0.006959	0.000031
M1869-07	750 °C	0.000081	0.000010	0.000175	0.000012	0.000017	0.000010	0.000035	0.000008	0.011803	0.000034
M1869-08	800 °C	0.000081	0.000010	0.000175	0.000012	0.000017	0.000010	0.000035	0.000008	0.011803	0.000034
M1869-09	900 °C	0.000081	0.000010	0.000175	0.000012	0.000017	0.000010	0.000035	0.000008	0.011803	0.000034
M1869-10	1000 °C	0.000062	0.000006	0.000179	0.000008	0.000019	0.000010	0.000050	0.000007	0.007024	0.000027
M1869-11	1130 °C	0.000062	0.000006	0.000179	0.000008	0.000019	0.000010	0.000050	0.000007	0.007024	0.000027
M1869-12	1280 °C	0.000056	0.000008	0.000170	0.000010	0.000046	0.000014	0.000037	0.000009	0.008251	0.000019
M1869-13	1430 °C	0.000061	0.000006	0.000173	0.000006	0.000025	0.000006	0.000028	0.000008	0.009033	0.000027

Sample Parameters	Sample	Material	Location	Analyst	Temp	
M1869-01	650 °C	ALE-7	Plagioclases	Guadeloupe	Chrystèle VERATI	650
M1869-06	700 °C	ALE-7	Plagioclases	Guadeloupe	Chrystèle VERATI	700
M1869-07	750 °C	ALE-7	Plagioclases	Guadeloupe	Chrystèle VERATI	750
M1869-08	800 °C	ALE-7	Plagioclases	Guadeloupe	Chrystèle VERATI	800
M1869-09	900 °C	ALE-7	Plagioclases	Guadeloupe	Chrystèle VERATI	900
M1869-10	1000 °C	ALE-7	Plagioclases	Guadeloupe	Chrystèle VERATI	1000
M1869-11	1130 °C	ALE-7	Plagioclases	Guadeloupe	Chrystèle VERATI	1130
M1869-12	1280 °C	ALE-7	Plagioclases	Guadeloupe	Chrystèle VERATI	1280
M1869-13	1430 °C	ALE-7	Plagioclases	Guadeloupe	Chrystèle VERATI	1430

Standard (in Ma)	%1 $\sigma$	J	%1 $\sigma$	MDF	%1 $\sigma$	Volume Ratio	Sensitivity (mol/volt)
1.193	0.1	0.00027562	0.5	1.005643	2	1	2.000E-14
1.193	0.1	0.00027562	0.5	1.005643	2	1	2.000E-14
1.193	0.1	0.00027562	0.5	1.005643	2	1	2.000E-14
1.193	0.1	0.00027562	0.5	1.005643	2	1	2.000E-14
1.193	0.1	0.00027562	0.5	1.005643	2	1	2.000E-14
1.193	0.1	0.00027562	0.5	1.005643	2	1	2.000E-14
1.193	0.1	0.00027562	0.5	1.005643	2	1	2.000E-14
1.193	0.1	0.00027562	0.5	1.005643	2	1	2.000E-14
1.193	0.1	0.00027562	0.5	1.005643	2	1	2.000E-14
1.193	0.1	0.00027562	0.5	1.005643	2	1	2.000E-14

Day	Month	Year	Hour	Min	Resist	Irradiation	Project	Experiment	Nmb	Standard Name
20	JUL	2005	05	01	001	MC46	Chryste	M1869c	01	ACS-2
21	JUL	2005	07	10	001	MC46	Chryste	M1869c	01	ACS-2
21	JUL	2005	05	34	001	MC46	Chryste	M1869c	01	ACS-2
21	JUL	2005	05	58	001	MC46	Chryste	M1869c	01	ACS-2
21	JUL	2005	06	23	001	MC46	Chryste	M1869c	01	ACS-2
21	JUL	2005	06	48	001	MC46	Chryste	M1869c	01	ACS-2
21	JUL	2005	07	12	001	MC46	Chryste	M1869c	01	ACS-2
21	JUL	2005	07	38	001	MC46	Chryste	M1869c	01	ACS-2
21	JUL	2005	08	02	001	MC46	Chryste	M1869c	01	ACS-2

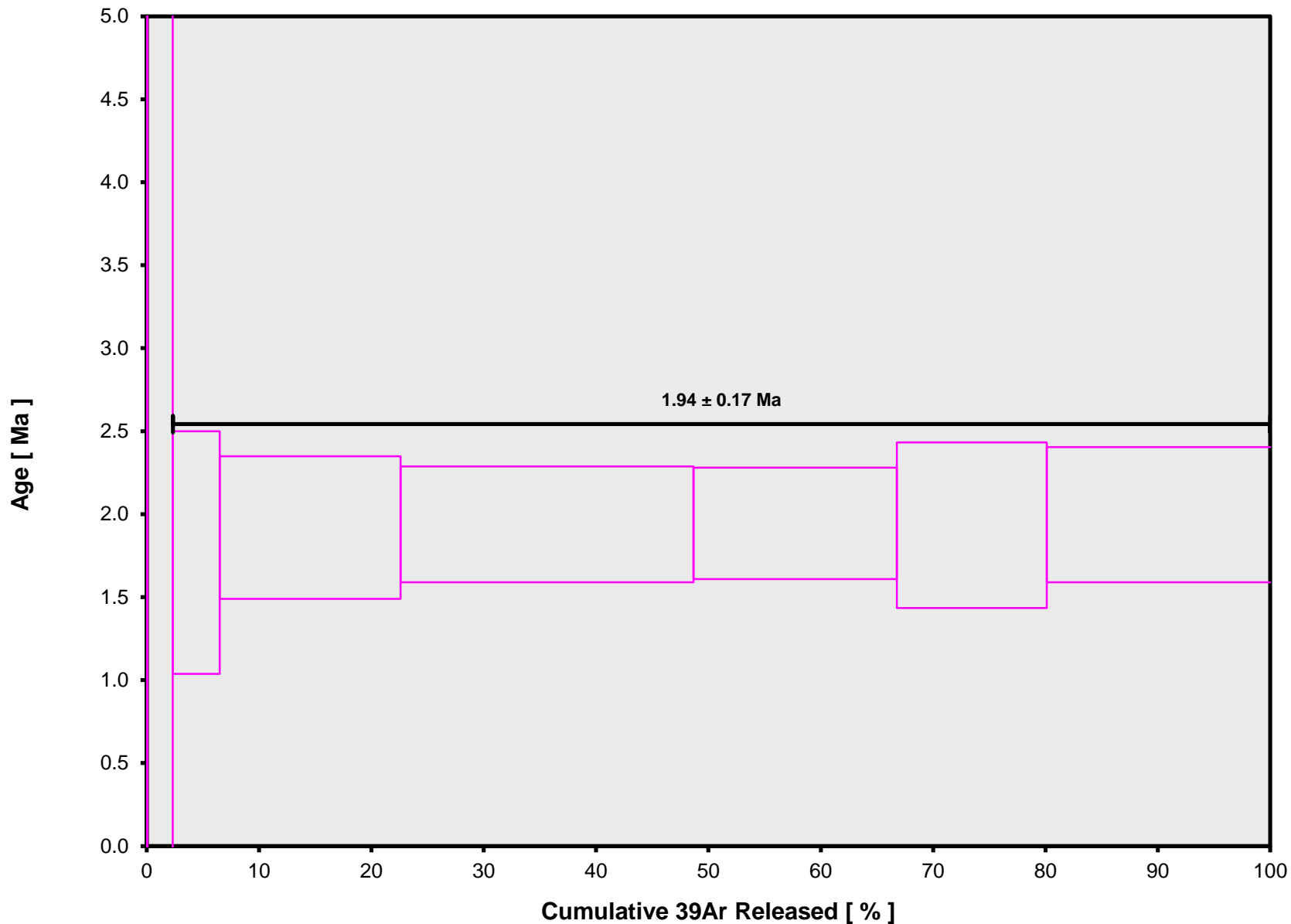
Irradiation Constants		40/36(a)		40/36(c)		38/36(a)		38/36(c)	
			%1 $\sigma$		%1 $\sigma$		%1 $\sigma$		%1 $\sigma$
M1869-01	650 °C	298.56	0.1	0.018	35	0.1885	0.16	1.7	3
M1869-06	700 °C	298.56	0.1	0.018	35	0.1885	0.16	1.7	3
M1869-07	750 °C	298.56	0.1	0.018	35	0.1885	0.16	1.7	3
M1869-08	800 °C	298.56	0.1	0.018	35	0.1885	0.16	1.7	3
M1869-09	900 °C	298.56	0.1	0.018	35	0.1885	0.16	1.7	3
M1869-10	1000 °C	298.56	0.1	0.018	35	0.1885	0.16	1.7	3
M1869-11	1130 °C	298.56	0.1	0.018	35	0.1885	0.16	1.7	3
M1869-12	1280 °C	298.56	0.1	0.018	35	0.1885	0.16	1.7	3
M1869-13	1430 °C	298.56	0.1	0.018	35	0.1885	0.16	1.7	3

Irradiation Constants	39/37(ca)		38/37(ca)		36/37(ca)		40/39(k)		38/39(k)		36/38(cl)		
		%1 $\sigma$		%1 $\sigma$		%1 $\sigma$		%1 $\sigma$		%1 $\sigma$		%1 $\sigma$	
M1869-01	650 °C	0.00073	4	0.006	90	0.000282	1	0.001	3	0.012	2	316	10
M1869-06	700 °C	0.00073	4	0.006	90	0.000282	1	0.001	3	0.012	2	316	10
M1869-07	750 °C	0.00073	4	0.006	90	0.000282	1	0.001	3	0.012	2	316	10
M1869-08	800 °C	0.00073	4	0.006	90	0.000282	1	0.001	3	0.012	2	316	10
M1869-09	900 °C	0.00073	4	0.006	90	0.000282	1	0.001	3	0.012	2	316	10
M1869-10	1000 °C	0.00073	4	0.006	90	0.000282	1	0.001	3	0.012	2	316	10
M1869-11	1130 °C	0.00073	4	0.006	90	0.000282	1	0.001	3	0.012	2	316	10
M1869-12	1280 °C	0.00073	4	0.006	90	0.000282	1	0.001	3	0.012	2	316	10
M1869-13	1430 °C	0.00073	4	0.006	90	0.000282	1	0.001	3	0.012	2	316	10

<b>Irradiation Constants</b>		K/Ca	%1 $\sigma$	K/Cl	%1 $\sigma$	Ca/Cl	%1 $\sigma$
M1869-01	650 °C	85	2	0	0	0	0
M1869-06	700 °C	85	2	0	0	0	0
M1869-07	750 °C	85	2	0	0	0	0
M1869-08	800 °C	85	2	0	0	0	0
M1869-09	900 °C	85	2	0	0	0	0
M1869-10	1000 °C	85	2	0	0	0	0
M1869-11	1130 °C	85	2	0	0	0	0
M1869-12	1280 °C	85	2	0	0	0	0
M1869-13	1430 °C	85	2	0	0	0	0



**M1869C.AGE >>> ALE-7 >>> CHRYSTELE PROJECT**



**Ar-Ages in Ma**

**WEIGHTED PLATEAU**

**1.94 ± 0.17**

**TOTAL FUSION**

**1.95 ± 0.19**

**NORMAL ISOCHRON**

**2.03 ± 0.57**

**INVERSE ISOCHRON**

**2.02 ± 0.29**

**MSWD**

**0.06**

**Sample Info**

**Plagioclases**

**Guadeloupe**

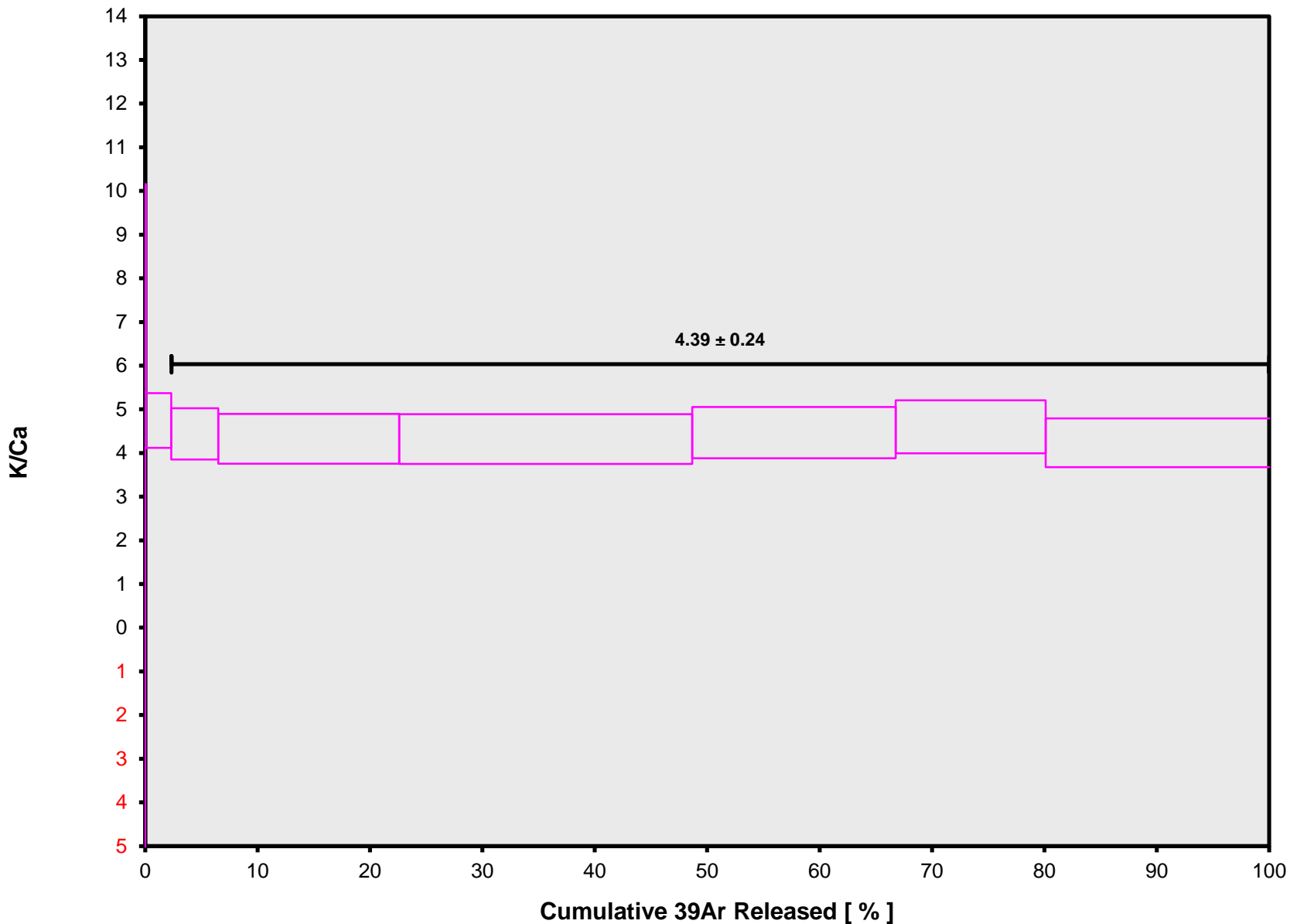
**Chrystèle VERATI**

**IRR = MC46**

**J = 0.00027562 ±**

**0.00000138**

**M1869C.AGE >>> ALE-7 >>> CHRYSTELE PROJECT**



**Ar-Ages in Ma**

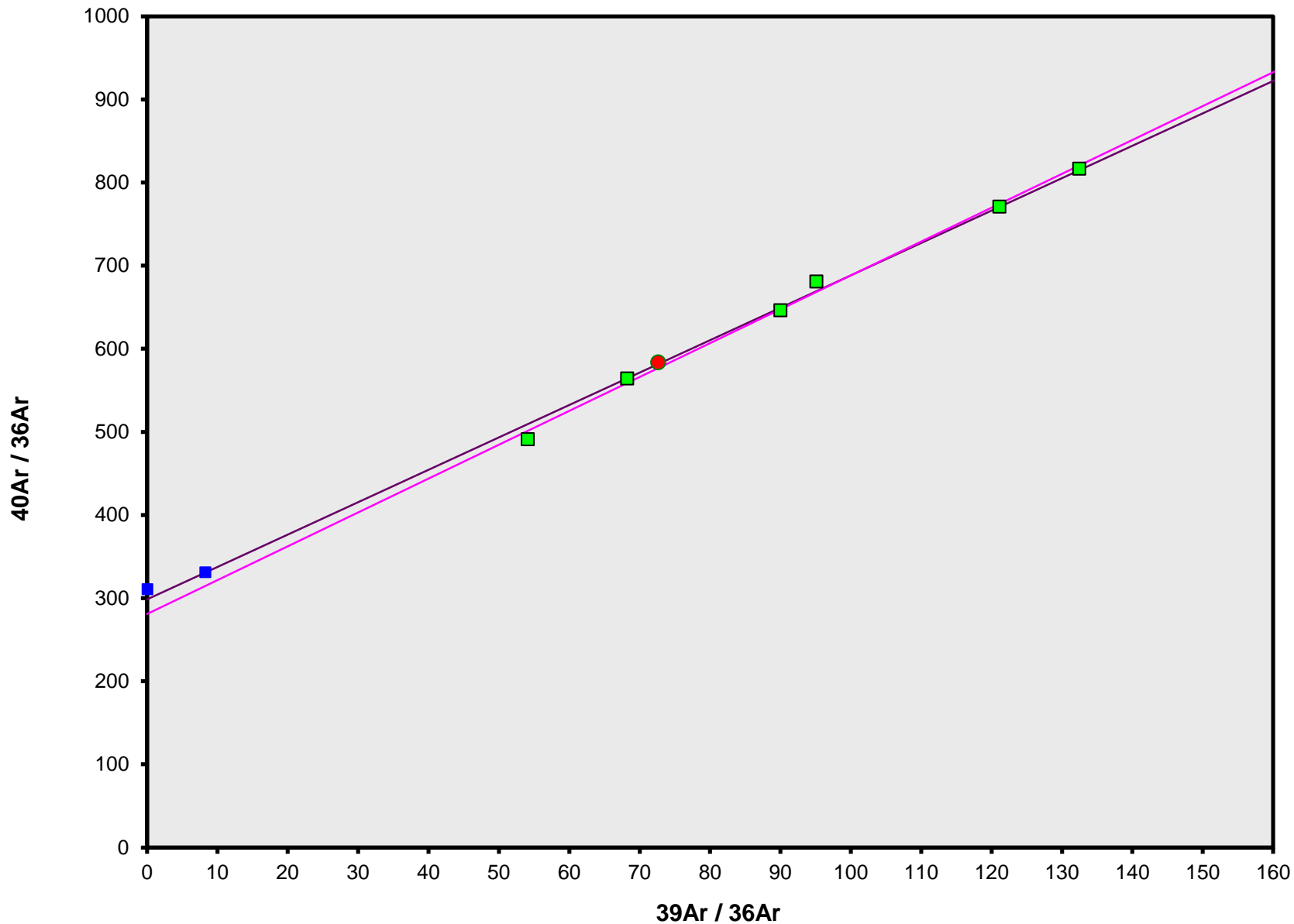
**WEIGHTED PLATEAU**  
**1.94 ± 0.17**  
**TOTAL FUSION**  
**1.95 ± 0.19**  
**NORMAL ISOCHRON**  
**2.03 ± 0.57**  
**INVERSE ISOCHRON**  
**2.02 ± 0.29**

**Sample Info**

**Plagioclases**  
**Guadeloupe**  
**Chrystèle VERATI**

**IRR = MC46**  
**J = 0.00027562 ±**  
**0.00000138**

**M1869C.AGE >>> ALE-7 >>> CHRYSTELE PROJECT**



**Ar-Ages in Ma**

**WEIGHTED PLATEAU**

$1.94 \pm 0.17$

**TOTAL FUSION**

$1.95 \pm 0.19$

**NORMAL ISOCHRON**

$2.03 \pm 0.57$

**INVERSE ISOCHRON**

$2.02 \pm 0.29$

**MSWD**

0.06

**40AR/36AR INTERCEPT**

$280.8 \pm 107.0$

**Sample Info**

**Plagioclases**

**Guadeloupe**

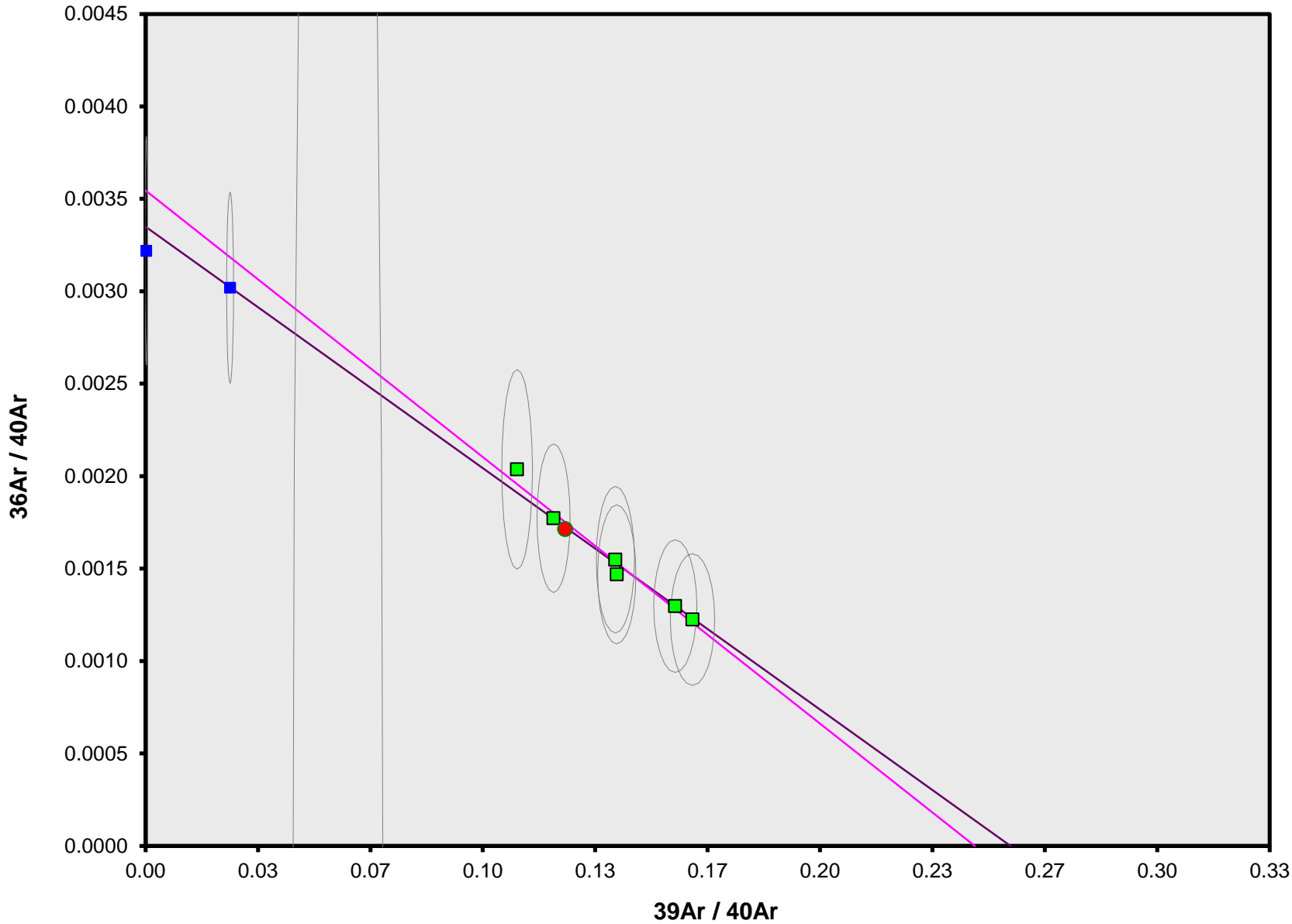
**Chrystèle VERATI**

**IRR = MC46**

**J =  $0.00027562 \pm$**

**$0.00000138$**

**M1869C.AGE >>> ALE-7 >>> CHRYSTELE PROJECT**



**Ar-Ages in Ma**

**WEIGHTED PLATEAU**

$1.94 \pm 0.17$

**TOTAL FUSION**

$1.95 \pm 0.19$

**NORMAL ISOCHRON**

$2.03 \pm 0.57$

**INVERSE ISOCHRON**

$2.02 \pm 0.29$

**MSWD**

0.06

**40AR/36AR INTERCEPT**

$282.1 \pm 54.8$

**Sample Info**

Plagioclases

Guadeloupe

Chrystèle VERATI

IRR = MC46

J =  $0.00027562 \pm$

$0.00000138$