Sample ID:	Ludières	Lab# N-1436	J = 0.000825100 ± 0.00000413	
Sanidine		Irradiation # 68	reactor	OSIRIS
Flux standard	ACS-2	1.193 Ma		

Lab. N°	^{40}Ar (moles)	^{36}Ar V	%1σ	^{37}Ar V	%1σ	^{38}Ar V	%1σ	^{39}Ar V	%1σ	^{40}Ar V	%1σ	D[(1)]	±%s_D	%^{40}Ar*	Age (ka)	±1σ (ka)	K/Ca	± 1σ
N1436-01	**1.388E-14**	**4.793E-06**	**0.87**	**6.011E-05**	**465.19**	**7.631E-05**	**0.34**	**4.694E-03**	**0.15**	**1.013E-02**	**0.04**	**1.0138**	**0.1**	**86.0**	**2760**	**12**	**35.1**	**± 54.5**
N1436-02	**1.313E-14**	**8.621E-07**	**2.46**	**7.216E-05**	**390.67**	**7.829E-05**	**0.31**	**4.970E-03**	**0.13**	**9.587E-03**	**0.07**	**1.0137**	**0.1**	**97.4**	**2795**	**11**	**31.0**	**± 40.4**
N1436-03	**1.021E-14**	**7.674E-07**	**3.82**	**4.819E-05**	**576.98**	**6.234E-05**	**0.41**	**3.852E-03**	**0.13**	**7.456E-03**	**0.09**	**1.0131**	**0.1**	**97.0**	**2793**	**14**	**36.0**	**± 69.2**
N1436-04	**1.303E-14**	**9.353E-07**	**2.57**	**8.929E-05**	**337.45**	**7.610E-05**	**0.54**	**4.983E-03**	**0.12**	**9.509E-03**	**0.06**	**1.0137**	**0.1**	**97.2**	**2758**	**12**	**25.1**	**± 28.2**
N1436-05	**1.373E-14**	**1.596E-06**	**1.09**	**6.380E-05**	**465.19**	**8.217E-05**	**0.47**	**5.137E-03**	**0.13**	**1.003E-02**	**0.05**	**1.0138**	**0.1**	**95.3**	**2768**	**11**	**36.2**	**± 56.2**
N1436-06	**1.374E-14**	**8.853E-06**	**0.55**	**7.656E-05**	**390.67**	**6.538E-05**	**0.35**	**3.972E-03**	**0.13**	**1.003E-02**	**0.05**	**1.0138**	**0.1**	**73.8**	**2770**	**15**	**23.3**	**± 30.4**
N1436-07	**1.155E-14**	**1.854E-06**	**0.88**	**1.022E-04**	**297.54**	**6.766E-05**	**0.48**	**4.237E-03**	**0.14**	**8.430E-03**	**0.06**	**1.0134**	**0.1**	**93.6**	**2770**	**14**	**18.7**	**± 18.5**
N1436-08	1.013E-14	6.704E-07	2.45	6.394E-05	465.19	6.201E-05	0.50	3.819E-03	0.13	7.397E-03	0.06	1.0131	0.1	97.4	2807	15	26.9	± 41.7
N1436-09	1.040E-14	3.375E-07	3.60	6.393E-05	465.19	6.444E-05	0.41	3.959E-03	0.14	7.594E-03	0.08	1.0131	0.1	98.8	2819	14	27.9	± 43.2
N1436-10	9.032E-15	2.091E-06	1.31	3.839E-05	763.30	5.043E-05	0.40	3.143E-03	0.13	6.593E-03	0.08	1.0129	0.1	90.6	2827	17	36.8	± 93.7
N1436-11	**9.036E-15**	**8.631E-07**	**2.18**	**5.118E-05**	**576.98**	**5.581E-05**	**0.48**	**3.390E-03**	**0.14**	**6.595E-03**	**0.08**	**1.0129**	**0.1**	**96.2**	**2784**	**16**	**29.8**	**± 57.3**
N1436-12	1.539E-14	3.146E-06	1.21	5.737E-05	514.87	8.257E-05	0.40	5.275E-03	0.12	1.123E-02	0.07	1.0141	0.1	91.7	2904	11	41.4	± 71.0
N1436-13	**8.044E-15**	**1.672E-06**	**1.73**	**9.139E-05**	**520.78**	**4.683E-05**	**0.60**	**2.903E-03**	**0.17**	**5.872E-03**	**0.10**	**1.0128**	**0.1**	**91.7**	**2759**	**29**	**14.3**	**± 24.8**
N1436-14	**1.007E-14**	**4.465E-06**	**0.72**	**1.421E-04**	**187.44**	**5.303E-05**	**0.36**	**3.231E-03**	**0.15**	**7.351E-03**	**0.11**	**1.0132**	**0.1**	**82.1**	**2778**	**16**	**10.2**	**± 6.4**
N1436-15	**8.125E-15**	**1.436E-06**	**0.95**	**5.222E-05**	**653.80**	**4.705E-05**	**0.45**	**2.950E-03**	**0.13**	**5.930E-03**	**0.08**	**1.0128**	**0.1**	**92.9**	**2777**	**21**	**25.4**	**± 55.4**
N1436-16	**1.078E-14**	**6.222E-07**	**1.70**	**1.043E-04**	**246.97**	**6.586E-05**	**0.38**	**4.109E-03**	**0.14**	**7.865E-03**	**0.08**	**1.0132**	**0.1**	**97.8**	**2785**	**12**	**17.7**	**± 14.6**

Results	40Ar*/39Ark ± 1σ		Age (ka)	± 1σ (ka)	MSWD	(n)	K/Ca ± 1σ	
weighted mean	1.866	± 0.0027	**2776**	**14**	0.90	12	**27.2**	**8.9**
		± 0.14%						
			Full External Error	37	0.98	Statistical T ratio		
			Analytical Error	4				

Results	40(a)/36(a) ± 1σ		40(r)/39(k) ± 1σ		Age ± 1σ (ka)		
							MSWD
Inverse Isochron	295	5	1.8680	± 0.0004	**2778**	**15**	**0.9**
		1.55%		± 0.19%			
				Full External Error	37		
				Analytical Error	5		

Blank corrections

N	^{36}Ar V	±1σ V	^{37}Ar V	±1σ V	^{38}Ar V	±1σ V	^{39}Ar V	±1σ V	^{40}Ar V	±1σ V
N1436-01	2.03E-07	1.77E-08	1.00E-08	1.00E-09	6.29E-08	1.10E-08	9.68E-07	2.31E-07	6.55E-05	5.05E-07
N1436-02	2.29E-07	1.74E-08	1.00E-08	1.00E-09	5.78E-08	2.07E-08	1.75E-06	1.92E-07	5.00E-05	7.55E-07
N1436-03	2.29E-07	1.74E-08	1.00E-08	1.00E-09	5.78E-08	2.07E-08	1.75E-06	1.92E-07	5.00E-05	7.55E-07
N1436-04	1.67E-07	4.58E-09	1.00E-08	1.00E-09	3.77E-08	1.12E-08	1.42E-07	7.48E-08	4.46E-05	5.66E-07
N1436-05	1.67E-07	4.58E-09	1.00E-08	1.00E-09	3.77E-08	1.12E-08	1.42E-07	7.48E-08	4.46E-05	5.66E-07
N1436-06	1.48E-07	1.04E-08	1.00E-08	1.00E-09	4.27E-08	1.62E-08	6.59E-07	6.58E-07	2.84E-05	7.31E-07
N1436-07	1.48E-07	1.04E-08	1.00E-08	1.00E-09	4.27E-08	1.62E-08	6.59E-07	6.58E-07	2.84E-05	7.31E-07
N1436-08	1.48E-07	1.04E-08	1.00E-08	1.00E-09	4.27E-08	1.62E-08	6.59E-07	6.58E-07	2.84E-05	7.31E-07
N1436-09	1.48E-07	1.04E-08	1.00E-08	1.00E-09	4.27E-08	1.62E-08	6.59E-07	6.58E-07	2.84E-05	7.31E-07
N1436-10	2.11E-07	1.62E-08	1.00E-08	1.00E-09	3.99E-08	9.10E-09	2.74E-07	7.96E-08	2.71E-05	4.17E-08
N1436-11	2.11E-07	1.62E-08	1.00E-08	1.00E-09	3.99E-08	9.10E-09	2.74E-07	7.96E-08	2.71E-05	4.17E-08
N1436-12	2.11E-07	1.62E-08	1.00E-08	1.00E-09	3.99E-08	9.10E-09	2.74E-07	7.96E-08	2.71E-05	4.17E-08
N1436-13	1.50E-07	7.48E-09	1.51E-08	1.51E-09	3.27E-08	1.12E-08	7.07E-07	9.26E-08	3.22E-05	1.93E-07
N1436-14	1.50E-07	7.48E-09	1.51E-08	1.51E-09	3.27E-08	1.12E-08	7.07E-07	9.26E-08	3.22E-05	1.93E-07
N1436-15	1.25E-07	7.49E-09	1.32E-08	1.32E-09	7.68E-08	8.45E-09	1.83E-06	1.32E-07	4.17E-05	4.58E-07
N1436-16	1.25E-07	7.49E-09	1.32E-08	1.32E-09	7.68E-08	8.45E-09	1.83E-06	1.32E-07	4.17E-05	4.58E-07