Incremental Heating			36Ar(a)	37Ar(ca)	38Ar(cl)	39Ar(k)	40Ar(r)	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
07C1518	0.00 W		0.003682	0.000141	0.000032	0.001002	0.025344	70.17 ± 95.53	2.28	0.09	3.049 ± 3.032
07C1519	0.01 W		0.004956	0.000863	0.000150	0.003334	0.126661	104.35 ± 37.98	7.96	0.30	1.662 ± 0.373
07C1520	0.02 W		0.005291	0.001673	0.000246	0.006811	0.199340	80.93 ± 24.53	11.31	0.62	1.750 ± 0.184
07C1522	0.06 W		0.004172	0.002494	0.000163	0.010241	0.074640	20.49 ± 12.33	5.71	0.94	1.766 ± 0.151
07C1523	0.09 W		0.002701	0.003828	0.000217	0.015066	0.046353	8.68 ± 3.90	5.49	1.38	1.692 ± 0.102
07C1524	0.12 W		0.002377	0.007479	0.000333	0.024834	0.076001	8.63 ± 4.36	9.76	2.27	1.428 ± 0.069
07C1526	0.18 W		0.001293	0.010594	0.000322	0.030433	0.052977	4.92 ± 1.73	12.17	2.78	1.235 ± 0.056
07C1527	0.29 W	✓	0.000932	0.022301	0.000352	0.049821	0.066726	3.78 ± 1.16	19.50	4.56	0.961 ± 0.042
07C1528	0.35 W	✓	0.000942	0.034947	0.000292	0.062881	0.066860	3.00 ± 0.88	19.35	5.75	0.774 ± 0.033
07C1530	0.53 W	✓	0.000891	0.058145	0.000209	0.086739	0.084079	2.74 ± 0.55	24.20	7.93	0.641 ± 0.028
07C1531	0.71 W	✓	0.000944	0.089266	0.000138	0.114401	0.129878	3.21 ± 0.44	31.74	10.46	0.551 ± 0.023
07C1532	0.85 W	✓	0.001167	0.105882	0.000064	0.119776	0.122360	2.89 ± 0.51	26.18	10.95	0.486 ± 0.021
07C1534	1.03 W	✓	0.001207	0.113167	0.000038	0.117366	0.117472	2.83 ± 0.44	24.76	10.73	0.446 ± 0.019
07C1535	1.24 W	✓	0.001459	0.115085	0.000049	0.108496	0.125960	3.28 ± 0.55	22.60	9.92	0.405 ± 0.017
07C1536	1.47 W	✓	0.001780	0.107135	0.000033	0.093183	0.101566	3.08 ± 0.57	16.18	8.52	0.374 ± 0.017
07C1538	1.80 W	✓	0.002008	0.125544	0.000000	0.090099	0.083145	2.61 ± 0.67	12.29	8.24	0.309 ± 0.013
07C1539	2.30 W	✓	0.002794	0.220765	0.000063	0.067009	0.078525	3.31 ± 0.92	8.68	6.13	0.131 ± 0.006
07C1540	3.10 W	✓	0.004287	0.382276	0.000060	0.045837	0.041950	2.59 ± 2.14	3.20	4.19	0.052 ± 0.002
07C1542	4.07 W	✓	0.005854	0.753228	0.000094	0.034078	0.028531	2.37 ± 3.26	1.62	3.12	0.019 ± 0.001
07C1543	4.69 W		0.009482	0.427524	0.000141	0.012177	0.149259	34.33 ± 13.64	5.06	1.11	0.012 ± 0.001
		Σ	0.058220	2.582337	0.002995	1.093584	1.797628				

Information on Analysis

Sample = TIS-2 4D7-06
Material = Groundmass 210-300µm
Location = Tisa, Samoa
Analyst = Jamie Russell
Project = SAMOA
Mass Discrimination Law = LIN
Irradiation = OSU4D06
J = 0.00156380 ± 0.00000391
FCT-3 = 28.030 ± 0.003 Ma

Results	40(r)/39(k) ± 2σ		Age ± 2σ (Ma)		MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau	1.0613	± 0.0651	3.00	± 0.18	0.69	90.50	0.031 ± 0.033
		± 6.13%		± 6.15%	75%	12	
		Minimal External Error		± 0.19	1.43	2σ Confidence Limit	
		Analytical Error		± 0.18	1.0000	Error Magnification	
Total Fusion Age	1.6438	± 0.1352	4.64	± 0.38		20	0.182 ± 0.007
		± 8.23%		± 8.23%			
		Minimal External Error		± 0.39			
		Analytical Error		± 0.38			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
07C1518	0.00 W		0.3 ± 0.0	302.4 ± 9.8	0.6861
07C1519	0.01 W		0.7 ± 0.0	321.1 ± 10.4	0.8411
07C1520	0.02 W		1.3 ± 0.1	333.2 ± 13.1	0.8982
07C1522	0.06 W		2.5 ± 0.1	313.4 ± 11.4	0.7943
07C1523	0.09 W		5.6 ± 0.1	312.7 ± 8.2	0.9722
07C1524	0.12 W		10.4 ± 0.6	327.5 ± 17.9	0.9803
07C1526	0.18 W		23.5 ± 1.2	336.5 ± 16.4	0.9816
07C1527	0.29 W	✓	53.4 ± 4.0	367.1 ± 27.3	0.9921
07C1528	0.35 W	✓	66.7 ± 4.7	366.4 ± 25.7	0.9965
07C1530	0.53 W	✓	97.4 ± 6.3	389.9 ± 25.1	0.9943
07C1531	0.71 W	✓	121.1 ± 7.7	433.0 ± 27.6	0.9919
07C1532	0.85 W	✓	102.7 ± 6.4	400.4 ± 24.8	0.9827
07C1534	1.03 W	✓	97.2 ± 5.0	392.8 ± 19.9	0.9943
07C1535	1.24 W	✓	74.4 ± 3.7	381.8 ± 18.8	0.9881
07C1536	1.47 W	✓	52.4 ± 1.9	352.6 ± 12.6	0.9371
07C1538	1.80 W	✓	44.9 ± 1.6	336.9 ± 12.1	0.9858
07C1539	2.30 W	✓	24.0 ± 0.6	323.6 ± 8.5	0.9504
07C1540	3.10 W	✓	10.7 ± 0.3	305.3 ± 8.4	0.9772
07C1542	4.07 W	✓	5.8 ± 0.1	300.4 ± 6.8	0.9126
07C1543	4.69 W		1.3 ± 0.0	311.2 ± 6.6	0.8332

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	295.1216 ± 4.8909 ± 1.66%	1.0614 ± 0.0973 ± 9.17%	3.00 ± 0.28 ± 9.18%	0.75 68%
			Minimal External Error ± 0.28	
			Analytical Error ± 0.27	

Statistics				
	2σ Confidence Limit	1.89	Convergence	0.0000092865
	Error Magnification	1.0000	Number of Iterations	5
	Number of Data Points	12	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
07C1518	0.00 W		0.000900 ± 0.000030	0.003307 ± 0.000107	0.0319
07C1519	0.01 W		0.002096 ± 0.000042	0.003115 ± 0.000101	0.0437
07C1520	0.02 W		0.003864 ± 0.000073	0.003001 ± 0.000118	0.0450
07C1522	0.06 W		0.007833 ± 0.000212	0.003191 ± 0.000117	0.0437
07C1523	0.09 W		0.017842 ± 0.000111	0.003198 ± 0.000084	0.0398
07C1524	0.12 W		0.031901 ± 0.000350	0.003054 ± 0.000167	0.0260
07C1526	0.18 W		0.069939 ± 0.000659	0.002972 ± 0.000145	0.0425
07C1527	0.29 W	✓	0.145605 ± 0.001364	0.002724 ± 0.000202	0.0651
07C1528	0.35 W	✓	0.182074 ± 0.001069	0.002729 ± 0.000191	0.0429
07C1530	0.53 W	✓	0.249709 ± 0.001719	0.002565 ± 0.000165	0.0399
07C1531	0.71 W	✓	0.279744 ± 0.002261	0.002309 ± 0.000147	0.0460
07C1532	0.85 W	✓	0.256417 ± 0.002956	0.002498 ± 0.000155	0.1007
07C1534	1.03 W	✓	0.247459 ± 0.001343	0.002546 ± 0.000129	0.0172
07C1535	1.24 W	✓	0.194729 ± 0.001484	0.002619 ± 0.000129	0.0409
07C1536	1.47 W	✓	0.148502 ± 0.001931	0.002836 ± 0.000101	0.0670
07C1538	1.80 W	✓	0.133204 ± 0.000815	0.002968 ± 0.000107	0.0220
07C1539	2.30 W	✓	0.074118 ± 0.000622	0.003090 ± 0.000082	0.1083
07C1540	3.10 W	✓	0.035022 ± 0.000208	0.003276 ± 0.000090	0.0291
07C1542	4.07 W	✓	0.019380 ± 0.000192	0.003329 ± 0.000076	0.0576
07C1543	4.69 W		0.004126 ± 0.000056	0.003213 ± 0.000068	0.0792

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	295.1129 ± 4.8961 ± 1.66%	1.0671 ± 0.0964 ± 9.04%	3.02 ± 0.27 ± 9.04%	0.76 67%
		Minimal External Error	± 0.28	
		Analytical Error	± 0.27	

Statistics				
2σ Confidence Limit	1.89	Convergence	0.0000182150
Error Magnification	1.0000	Number of Iterations	3
Number of Data Points	12	Calculated Line	Weighted York-2
Spreading Factor	27.8%		

Relative Abundances			36Ar	%1σ	37Ar	%1σ	38Ar	%1σ	39Ar	%1σ	40Ar	%1σ	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
07C1518	0.00 W		0.0036824	1.588	0.0001413	49.655	0.0007322	1.662	0.0010019	1.631	1.1134812	0.292	70.17 ± 95.53	2.28	0.09	3.049 ± 3.032
07C1519	0.01 W		0.0049561	1.591	0.0008629	10.998	0.0011168	1.123	0.0033349	0.974	1.5911155	0.267	104.35 ± 37.98	7.96	0.30	1.662 ± 0.373
07C1520	0.02 W		0.0052915	1.945	0.0016732	4.790	0.0013177	1.097	0.0068120	0.897	1.7628358	0.289	80.93 ± 24.53	11.31	0.62	1.750 ± 0.184
07C1522	0.06 W		0.0041724	1.796	0.0024935	3.528	0.0010668	2.070	0.0102424	1.312	1.3073883	0.328	20.49 ± 12.33	5.71	0.94	1.766 ± 0.151
07C1523	0.09 W		0.0027018	1.301	0.0038283	2.225	0.0009039	1.578	0.0150691	0.285	0.8444395	0.127	8.68 ± 3.90	5.49	1.38	1.692 ± 0.102
07C1524	0.12 W		0.0023794	2.726	0.0074788	1.251	0.0010783	1.390	0.0248395	0.511	0.7785264	0.198	8.63 ± 4.36	9.76	2.27	1.428 ± 0.069
07C1526	0.18 W		0.0012962	2.422	0.0105945	1.019	0.0009322	1.279	0.0304410	0.416	0.4351928	0.221	4.92 ± 1.73	12.17	2.78	1.235 ± 0.056
07C1527	0.29 W	✓	0.0009382	3.675	0.0223010	0.813	0.0011307	1.439	0.0498364	0.325	0.3422456	0.336	3.78 ± 1.16	19.50	4.56	0.961 ± 0.042
07C1528	0.35 W	✓	0.0009519	3.466	0.0349472	0.769	0.0012308	1.084	0.0629056	0.205	0.3454619	0.210	3.00 ± 0.88	19.35	5.75	0.774 ± 0.033
07C1530	0.53 W	✓	0.0009067	3.157	0.0581448	0.763	0.0014274	0.919	0.0867802	0.272	0.3475037	0.210	2.74 ± 0.55	24.20	7.93	0.641 ± 0.028
07C1531	0.71 W	✓	0.0009684	3.093	0.0892663	0.644	0.0017028	0.944	0.1144648	0.323	0.4091392	0.243	3.21 ± 0.44	31.74	10.46	0.551 ± 0.023
07C1532	0.85 W	✓	0.0011952	2.999	0.1058816	0.643	0.0017358	1.076	0.1198511	0.390	0.4673116	0.424	2.89 ± 0.51	26.18	10.95	0.486 ± 0.021
07C1534	1.03 W	✓	0.0012379	2.474	0.1131669	0.721	0.0016883	0.701	0.1174463	0.248	0.4744777	0.108	2.83 ± 0.44	24.76	10.73	0.446 ± 0.019
07C1535	1.24 W	✓	0.0014902	2.405	0.1150851	0.600	0.0016392	0.678	0.1085775	0.327	0.5573429	0.196	3.28 ± 0.55	22.60	9.92	0.405 ± 0.017
07C1536	1.47 W	✓	0.0018086	1.736	0.1071349	0.789	0.0014971	1.119	0.0932589	0.587	0.6276384	0.279	3.08 ± 0.57	16.18	8.52	0.374 ± 0.017
07C1538	1.80 W	✓	0.0020414	1.769	0.1255435	0.776	0.0014600	0.996	0.0901883	0.285	0.6765484	0.110	2.61 ± 0.67	12.29	8.24	0.309 ± 0.013
07C1539	2.30 W	✓	0.0028531	1.269	0.2207655	0.604	0.0014039	0.775	0.0671651	0.340	0.9041839	0.245	3.31 ± 0.92	8.68	6.13	0.131 ± 0.006
07C1540	3.10 W	✓	0.0043901	1.335	0.3822765	0.617	0.0014285	0.578	0.0461084	0.274	1.3089000	0.109	2.59 ± 2.14	3.20	4.19	0.052 ± 0.002
07C1542	4.07 W	✓	0.0060568	1.083	0.7532278	0.725	0.0016251	1.005	0.0346115	0.455	1.7584849	0.180	2.37 ± 3.26	1.62	3.12	0.019 ± 0.001
07C1543	4.69 W		0.0095971	1.025	0.4275239	0.683	0.0020745	0.923	0.0124804	0.612	2.9512213	0.238	34.33 ± 13.64	5.06	1.11	0.012 ± 0.001
		Σ	0.0589153	0.419	2.5823374	0.273	0.0271919	0.243	1.0954152	0.099	19.0034389	0.066				

Information on Analysis and Constants Used in Calculations

Sample = TIS-2 4D7-06
Material = Groundmass 210-300µm
Location = Tisa, Samoa
Analyst = Jamie Russell
Project = SAMOA
Mass Discrimination Law = LIN
Irradiation = OSU4D06
J = 0.00156380 ± 0.00000391
FCT-3 = 28.030 ± 0.003 Ma
IGSN = KOP000052
Preferred Age = Plateau Age
Classification = Eruption Age
Experiment Type = Incremental Heating
Extraction Method = Bulk Laser Heating
Heating = 600 sec
Isolation = 15.00 min
Instrument = MAP215-50
Lithology = Basalt
Lat-Lon = 14°25.9'S - 171°19.9'E

Age Equations = Conventional
Negative Intensities = Allowed
Decay Constant 40K = 5.530 ± 0.048 E-10 1/a
Decay Constant 39Ar = 2.940 ± 0.016 E-07 1/h
Decay Constant 37Ar = 8.230 ± 0.012 E-04 1/h
Decay Constant 36Cl = 2.236 ± 0.045 E-06 1/a
Production Ratio 36/38 in Cl = 316.0 ± 15.8

Results

Results	40(r)/39(k) ± 2σ		Age ± 2σ (Ma)		MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau	1.0613	± 0.0651	3.00	± 0.18	0.69	90.50	0.031 ± 0.033
		± 6.13%		± 6.15%	75%	12	
		Minimal External Error		± 0.19	1.43	2σ Confidence Limit	
		Analytical Error		± 0.18	1.0000	Error Magnification	
Total Fusion Age	1.6438	± 0.1352	4.64	± 0.38		20	0.182 ± 0.007
		± 8.23%		± 8.23%			
		Minimal External Error		± 0.39			
		Analytical Error		± 0.38			
Normal Isochron	1.0614	± 0.0973	3.00	± 0.28	0.75	90.50	
		± 9.17%		± 9.18%	68%	12	
		Minimal External Error		± 0.28	1.89	2σ Confidence Limit	
		Analytical Error		± 0.27	1.0000	Error Magnification	
Inverse Isochron	1.0671	± 0.0964	3.02	± 0.27	0.76	90.50	
		± 9.04%		± 9.04%	67%	12	
		Minimal External Error		± 0.28	1.89	2σ Confidence Limit	
		Analytical Error		± 0.27	1.0000	Error Magnification	

Degassing Patterns			36Ar(a)	%1σ	36Ar(c)	%1σ	36Ar(ca)	%1σ	36Ar(cl)	%1σ	37Ar(ca)	%1σ	38Ar(a)	%1σ	38Ar(c)	%1σ	38Ar(k)	%1σ	38Ar(ca)	%1σ	38Ar(cl)	%1σ	39Ar(k)	%1σ	39Ar(ca)	%1σ	40Ar(r)	%1σ	40Ar(a)	%1σ	40Ar(c)	%1σ	40Ar(k)	%1σ
07C1518	0.00 W		0.003682	1.59	0.000000	0.00	0.000000	49.66	0.000000	51.62	0.000141	49.65	0.000688	1.59	0.000000	0.00	0.000012	1.63	0.000000	54.27	0.000032	51.90	0.001002	1.63	0.000000	49.69	0.025344	69.38	1.088135	1.59	0.000000	0.00	0.000002	24.95
07C1519	0.01 W		0.004956	1.59	0.000000	0.00	0.000000	11.00	0.000000	13.98	0.000863	11.00	0.000926	1.59	0.000000	0.00	0.000040	0.98	0.000000	24.51	0.000150	14.98	0.003334	0.97	0.000001	11.15	0.126661	18.70	1.464449	1.59	0.000000	0.00	0.000006	24.92
07C1520	0.02 W		0.005291	1.95	0.000000	0.00	0.000000	4.80	0.000000	11.16	0.001673	4.79	0.000989	1.95	0.000000	0.00	0.000082	0.90	0.000000	22.42	0.000246	12.39	0.006811	0.90	0.000001	5.13	0.199340	15.47	1.563485	1.95	0.000000	0.00	0.000011	24.92
07C1522	0.06 W		0.004172	1.80	0.000000	0.00	0.000001	3.55	0.000000	16.95	0.002494	3.53	0.000780	1.80	0.000000	0.00	0.000124	1.32	0.000000	22.18	0.000163	17.79	0.010241	1.31	0.000002	3.97	0.074640	30.22	1.232731	1.80	0.000000	0.00	0.000017	24.93
07C1523	0.09 W		0.002701	1.30	0.000000	0.00	0.000001	2.26	0.000000	9.04	0.003828	2.22	0.000505	1.30	0.000000	0.00	0.000182	0.30	0.000000	22.01	0.000217	10.52	0.015066	0.28	0.000003	2.88	0.046353	22.53	0.798062	1.30	0.000000	0.00	0.000025	24.90
07C1524	0.12 W		0.002377	2.73	0.000000	0.00	0.000002	1.30	0.000000	7.92	0.007479	1.25	0.000444	2.73	0.000000	0.00	0.000301	0.52	0.000000	21.94	0.000333	9.58	0.024834	0.51	0.000005	2.22	0.076001	25.30	0.702484	2.73	0.000000	0.00	0.000041	24.91
07C1526	0.18 W		0.001293	2.43	0.000000	0.00	0.000003	1.08	0.000000	6.81	0.010594	1.02	0.000242	2.43	0.000000	0.00	0.000369	0.43	0.000000	21.92	0.000322	8.68	0.030433	0.42	0.000008	2.09	0.052977	17.61	0.382165	2.43	0.000000	0.00	0.000050	24.90
07C1527	0.29 W	✓	0.000932	3.70	0.000000	0.00	0.000006	0.89	0.000000	7.35	0.022301	0.81	0.000174	3.70	0.000000	0.00	0.000603	0.34	0.000001	21.92	0.000352	9.11	0.049821	0.33	0.000016	2.00	0.066726	15.37	0.275438	3.70	0.000000	0.00	0.000082	24.90
07C1528	0.35 W	✓	0.000942	3.50	0.000000	0.00	0.000009	0.85	0.000000	7.40	0.034947	0.77	0.000176	3.50	0.000000	0.00	0.000761	0.23	0.000001	21.91	0.000292	9.15	0.062881	0.20	0.000025	1.99	0.066860	14.62	0.278498	3.50	0.000000	0.00	0.000104	24.90
07C1530	0.53 W	✓	0.000891	3.21	0.000000	0.00	0.000016	0.85	0.000000	8.79	0.058145	0.76	0.000167	3.21	0.000000	0.00	0.001050	0.29	0.000002	21.91	0.000209	10.31	0.086739	0.27	0.000041	1.98	0.084079	10.10	0.263282	3.21	0.000000	0.00	0.000143	24.90
07C1531	0.71 W	✓	0.000944	3.17	0.000000	0.00	0.000024	0.74	0.000000	13.88	0.089266	0.64	0.000177	3.17	0.000000	0.00	0.001385	0.34	0.000003	21.91	0.000138	14.89	0.114401	0.32	0.000063	1.94	0.129878	6.86	0.279072	3.17	0.000000	0.00	0.000189	24.90
07C1532	0.85 W	✓	0.001167	3.07	0.000000	0.00	0.000028	0.74	0.000000	32.85	0.105882	0.64	0.000218	3.07	0.000000	0.00	0.001450	0.40	0.000003	21.91	0.000064	33.29	0.119776	0.39	0.000075	1.94	0.122360	8.81	0.344754	3.07	0.000000	0.00	0.000198	24.90
07C1534	1.03 W	✓	0.001207	2.54	0.000000	0.00	0.000030	0.81	0.000000	36.80	0.113167	0.72	0.000226	2.54	0.000000	0.00	0.001421	0.27	0.000004	21.91	0.000038	37.19	0.117366	0.25	0.000080	1.97	0.117472	7.72	0.356812	2.54	0.000000	0.00	0.000194	24.90
07C1535	1.24 W	✓	0.001459	2.46	0.000000	0.00	0.000031	0.71	0.000000	28.63	0.115085	0.60	0.000273	2.46	0.000000	0.00	0.001314	0.34	0.000004	21.91	0.000049	29.14	0.108496	0.33	0.000082	1.93	0.125960	8.45	0.431204	2.46	0.000000	0.00	0.000179	24.90
07C1536	1.47 W	✓	0.001780	1.76	0.000000	0.00	0.000029	0.87	0.000000	58.59	0.107135	0.79	0.000333	1.76	0.000000	0.00	0.001128	0.60	0.000003	21.91	0.000033	58.84	0.093183	0.59	0.000076	1.99	0.101566	9.30	0.525918	1.76	0.000000	0.00	0.000154	24.91
07C1538	1.80 W	✓	0.002008	1.80	0.000000	0.00	0.000034	0.86	0.000000	0.00	0.125544	0.78	0.000375	1.80	0.000000	0.00	0.001091	0.30	0.000004	21.91	0.000000	0.00	0.090099	0.29	0.000089	1.99	0.083145	12.87	0.593255	1.80	0.000000	0.00	0.000149	24.90
07C1539	2.30 W	✓	0.002794	1.30	0.000000	0.00	0.000059	0.71	0.000000	21.61	0.220765	0.60	0.000522	1.30	0.000000	0.00	0.000811	0.36	0.000007	21.91	0.000063	22.27	0.067009	0.34	0.000157	1.93	0.078525	13.92	0.825548	1.30	0.000000	0.00	0.000111	24.90
07C1540	3.10 W	✓	0.004287	1.37	0.000000	0.00	0.000103	0.72	0.000000	24.09	0.382276	0.62	0.000801	1.37	0.000000	0.00	0.000555	0.29	0.000012	21.91	0.000060	24.69	0.045837	0.28	0.000271	1.93	0.041950	41.42	1.266874	1.37	0.000000	0.00	0.000076	24.90
07C1542	4.07 W	✓	0.005854	1.12	0.000000	0.00	0.000203	0.81	0.000000	23.13	0.753228	0.72	0.001094	1.12	0.000000	0.00	0.000413	0.47	0.000024	21.91	0.000094	23.74	0.034078	0.46	0.000534	1.97	0.028531	68.85	1.729898	1.12	0.000000	0.00	0.000056	24.90
07C1543	4.69 W		0.009482	1.04	0.000000	0.00	0.000115	0.78	0.000000	19.70	0.427524	0.68	0.001772	1.04	0.000000	0.00	0.000147	0.64	0.000014	21.91	0.000141	20.42	0.012177	0.63	0.000303	1.95	0.149259	20.04	2.801942	1.04	0.000000	0.00	0.000020	24.91
		Σ	0.058220	0.42	0.000000	0.00	0.000695	0.31	0.000001	3.07	2.582337	0.27	0.010881	0.42	0.000000	0.00	0.013243	0.10	0.000083	8.58	0.002995	3.42	1.093584	0.10	0.001831	0.77	1.797628	4.11	17.204006	0.42	0.000000	0.00	0.001804	6.97
		Σ							0.058915	0.42	2.582337	0.27									0.027202	0.42			1.095415	0.10							19.003439	0.55

Additional Parameters			40(r)/39(k)	1σ	40(r+a)	1σ	40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
07C1518	0.00 W		25.299870	17.55899	1.113479	0.00326	1111.414082	18.41577	0.140997	0.07005	3.675561	0.08367	113.618	9.45602228	1.00080289	1.127E-19
07C1519	0.01 W		37.987382	7.11460	1.591110	0.00425	477.108878	4.81913	0.258736	0.02857	1.486126	0.02773	113.635	9.45926547	1.00080302	1.610E-19
07C1520	0.02 W		29.268072	4.53508	1.762825	0.00509	258.783220	2.43902	0.245622	0.01197	0.776787	0.01664	113.658	9.46341837	1.00080317	1.784E-19
07C1522	0.06 W		7.288660	2.20451	1.307371	0.00429	127.645308	1.72642	0.243453	0.00916	0.407366	0.00906	113.692	9.46991092	1.00080342	1.323E-19
07C1523	0.09 W		3.076583	0.69321	0.844415	0.00108	56.037686	0.17488	0.254052	0.00570	0.179293	0.00239	113.710	9.47328881	1.00080355	8.546E-20
07C1524	0.12 W		3.060350	0.77441	0.778485	0.00154	31.342249	0.17184	0.301083	0.00407	0.095789	0.00266	113.729	9.47679789	1.00080368	7.879E-20
07C1526	0.18 W		1.740756	0.30657	0.435143	0.00096	14.296287	0.06733	0.348033	0.00383	0.042581	0.00105	113.765	9.48355979	1.00080393	4.404E-20
07C1527	0.29 W	✓	1.339319	0.20587	0.342163	0.00115	6.867380	0.03215	0.447485	0.00392	0.018825	0.00069	113.801	9.49019633	1.00080418	3.464E-20
07C1528	0.35 W	✓	1.063281	0.15550	0.345358	0.00073	5.491755	0.01611	0.555550	0.00442	0.015133	0.00053	113.819	9.49358146	1.00080431	3.496E-20
07C1530	0.53 W	✓	0.969335	0.09792	0.347361	0.00073	4.004414	0.01377	0.670024	0.00543	0.010448	0.00033	113.855	9.50035533	1.00080457	3.517E-20
07C1531	0.71 W	✓	1.135284	0.07795	0.408950	0.00099	3.574368	0.01443	0.779858	0.00562	0.008461	0.00026	113.873	9.50374407	1.00080469	4.140E-20
07C1532	0.85 W	✓	1.021571	0.09007	0.467114	0.00198	3.899102	0.02246	0.883443	0.00665	0.009972	0.00030	113.892	9.50726444	1.00080483	4.729E-20
07C1534	1.03 W	✓	1.000901	0.07729	0.474284	0.00052	4.039955	0.01095	0.963563	0.00735	0.010540	0.00026	113.928	9.51404807	1.00080508	4.802E-20
07C1535	1.24 W	✓	1.160966	0.09820	0.557164	0.00109	5.133134	0.01955	1.059935	0.00724	0.013725	0.00033	113.946	9.51744170	1.00080521	5.640E-20
07C1536	1.47 W	✓	1.089968	0.10152	0.627485	0.00175	6.730065	0.04373	1.148790	0.01130	0.019393	0.00036	113.964	9.52083655	1.00080534	6.352E-20
07C1538	1.80 W	✓	0.922816	0.11878	0.676400	0.00075	7.501507	0.02292	1.392016	0.01151	0.022635	0.00041	114.001	9.52776055	1.00080560	6.847E-20
07C1539	2.30 W	✓	1.171870	0.16317	0.904073	0.00221	13.462119	0.05639	3.286910	0.02277	0.042479	0.00056	114.019	9.53128981	1.00080573	9.150E-20
07C1540	3.10 W	✓	0.915192	0.37912	1.308824	0.00142	28.387448	0.08367	8.290819	0.05596	0.095212	0.00130	114.038	9.53468959	1.00080586	1.325E-19
07C1542	4.07 W	✓	0.837227	0.57648	1.758429	0.00317	50.806312	0.24839	21.762329	0.18620	0.174993	0.00206	114.074	9.54149279	1.00080611	1.780E-19
07C1543	4.69 W		12.257121	2.45733	2.951201	0.00703	236.467906	1.55401	34.255537	0.31420	0.768970	0.00918	114.092	9.54489622	1.00080624	2.987E-19

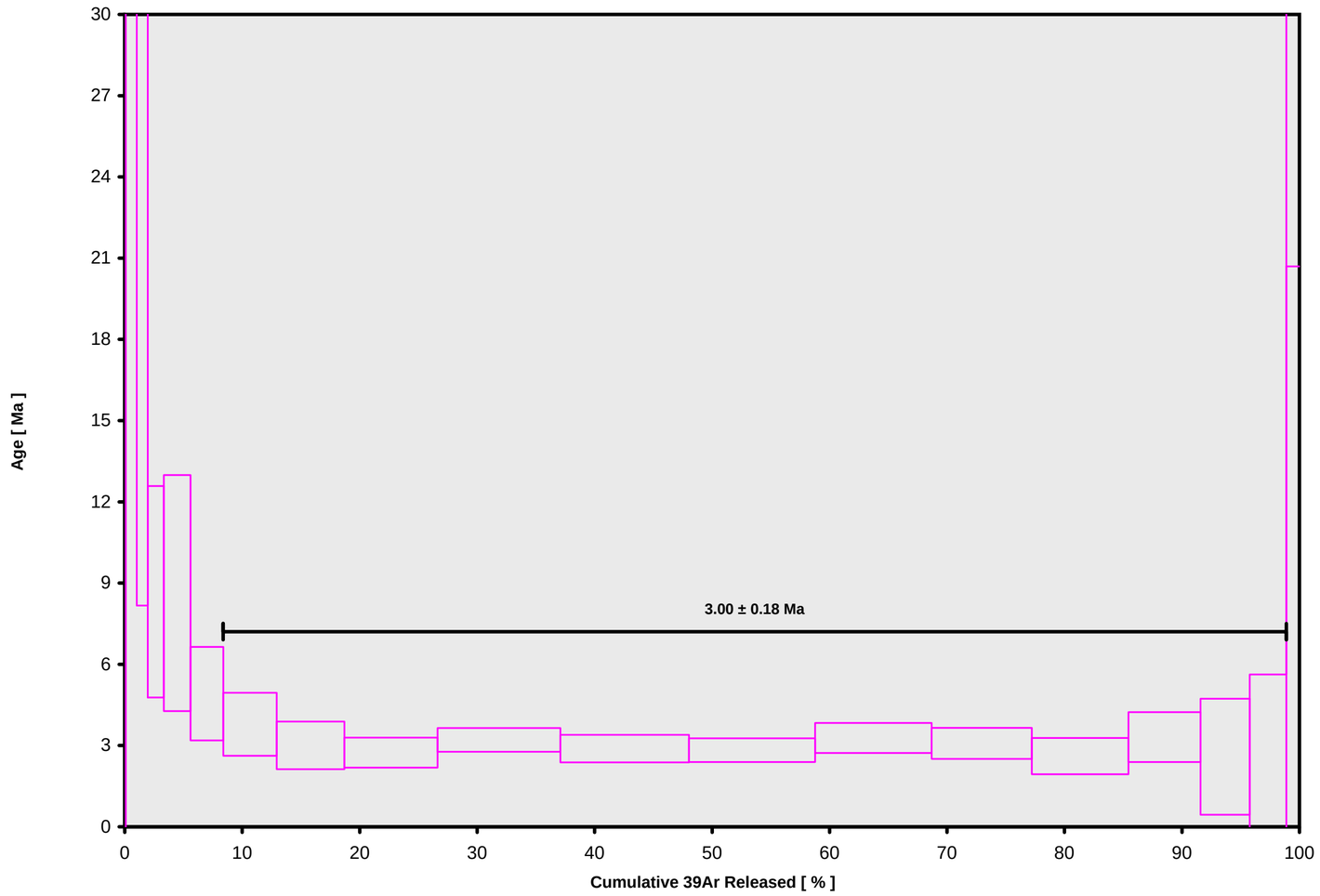
Procedure Blanks		36Ar	1σ	37Ar	1σ	38Ar	1σ	39Ar	1σ	40Ar	1σ
07C1518	0.00 W	0.000457	0.000028	0.000014	0.000006	0.000089	0.000006	0.000078	0.000011	0.140000	0.000428
07C1519	0.01 W	0.000452	0.000027	0.000015	0.000006	0.000089	0.000006	0.000099	0.000011	0.140000	0.000428
07C1520	0.02 W	0.000447	0.000027	0.000017	0.000006	0.000089	0.000006	0.000116	0.000011	0.140000	0.000428
07C1522	0.06 W	0.000444	0.000027	0.000018	0.000006	0.000088	0.000006	0.000124	0.000010	0.140000	0.000428
07C1523	0.09 W	0.000444	0.000026	0.000018	0.000006	0.000087	0.000006	0.000122	0.000010	0.140000	0.000428
07C1524	0.12 W	0.000445	0.000026	0.000018	0.000006	0.000086	0.000006	0.000118	0.000010	0.140000	0.000428
07C1526	0.18 W	0.000447	0.000026	0.000018	0.000006	0.000086	0.000006	0.000106	0.000010	0.140000	0.000428
07C1527	0.29 W	0.000449	0.000026	0.000016	0.000006	0.000087	0.000006	0.000096	0.000010	0.140000	0.000428
07C1528	0.35 W	0.000449	0.000026	0.000016	0.000006	0.000087	0.000006	0.000094	0.000010	0.140000	0.000428
07C1530	0.53 W	0.000449	0.000026	0.000015	0.000006	0.000090	0.000006	0.000093	0.000010	0.140000	0.000428
07C1531	0.71 W	0.000448	0.000026	0.000014	0.000006	0.000091	0.000006	0.000096	0.000010	0.140000	0.000428
07C1532	0.85 W	0.000447	0.000026	0.000014	0.000006	0.000093	0.000006	0.000101	0.000010	0.140000	0.000428
07C1534	1.03 W	0.000442	0.000026	0.000016	0.000006	0.000097	0.000006	0.000114	0.000010	0.140000	0.000428
07C1535	1.24 W	0.000439	0.000026	0.000017	0.000006	0.000098	0.000006	0.000122	0.000010	0.140000	0.000428
07C1536	1.47 W	0.000436	0.000027	0.000020	0.000006	0.000099	0.000006	0.000129	0.000010	0.140000	0.000428
07C1538	1.80 W	0.000429	0.000027	0.000027	0.000006	0.000098	0.000006	0.000140	0.000011	0.140000	0.000428
07C1539	2.30 W	0.000425	0.000027	0.000033	0.000006	0.000096	0.000006	0.000140	0.000011	0.140000	0.000428
07C1540	3.10 W	0.000421	0.000028	0.000040	0.000006	0.000093	0.000006	0.000135	0.000011	0.140000	0.000428
07C1542	4.07 W	0.000416	0.000028	0.000059	0.000006	0.000081	0.000006	0.000103	0.000011	0.140000	0.000428
07C1543	4.69 W	0.000415	0.000029	0.000072	0.000007	0.000071	0.000006	0.000074	0.000011	0.140000	0.000428

Intercept Values		36Ar	1σ	r2		37Ar	1σ	r2		38Ar	1σ	r2		39Ar	1σ	r2		40Ar	1σ	r2	
07C1518	0.00 W	0.004136	0.000046	0.7614	LIN #	0.000029	0.000004	0.9760	LIN #	0.000815	0.000010	0.4038	LIN #	0.001067	0.000012	0.9995	LIN #	1.235687	0.003181	0.9699	LIN # 1
07C1519	0.01 W	0.005404	0.000067	0.4284	LIN #	0.000106	0.000008	0.9133	LIN #	0.001197	0.000010	0.1201	LIN #	0.003395	0.000030	0.9983	LIN #	1.706373	0.004167	0.9712	LIN # 1
07C1520	0.02 W	0.005734	0.000094	0.2538	LIN #	0.000193	0.000006	0.9644	LIN #	0.001396	0.000012	0.0586	LIN #	0.006848	0.000059	0.9948	LIN #	1.875269	0.005000	0.9699	LIN #
07C1522	0.06 W	0.004611	0.000065	0.7139	LIN # 1	0.000280	0.000007	0.9216	LIN #	0.001146	0.000021	0.3300	LIN #	0.010245	0.000131	0.9534	LIN #	1.426279	0.004210	0.9711	LIN # 1
07C1523	0.09 W	0.003141	0.000016	0.9379	LIN # 1	0.000421	0.000006	0.8937	LIN #	0.000983	0.000013	0.0333	LIN #	0.015015	0.000034	0.9819	LIN #	0.970178	0.000973	0.9949	LIN #
07C1524	0.12 W	0.002819	0.000058	0.1359	LIN #	0.000804	0.000006	0.6756	LIN #	0.001156	0.000013	0.0111	LIN #	0.024668	0.000119	0.3316	LIN #	0.905220	0.001456	0.9826	LIN #
07C1526	0.18 W	0.001737	0.000016	0.5064	LIN #	0.001131	0.000007	0.2142	LIN #	0.001010	0.000010	0.3429	LIN #	0.030191	0.000115	0.7970	LIN #	0.566804	0.000848	0.9874	LIN #
07C1527	0.29 W	0.001381	0.000023	0.0383	LIN #	0.002358	0.000012	0.8605	LIN #	0.001208	0.000015	0.2376	LIN #	0.049345	0.000139	0.9519	LIN #	0.475166	0.001053	0.9689	LIN #
07C1528	0.35 W	0.001395	0.000020	0.1952	LIN #	0.003684	0.000018	0.9240	LIN #	0.001308	0.000011	0.5924	LIN #	0.062258	0.000079	0.9893	LIN #	0.478335	0.000577	0.9864	LIN #
07C1530	0.53 W	0.001349	0.000012	0.5710	LIN #	0.006112	0.000030	0.9164	LIN #	0.001505	0.000011	0.6516	LIN #	0.085835	0.000189	0.9742	LIN # 1	0.480252	0.000582	0.9865	LIN #
07C1531	0.71 W	0.001410	0.000015	0.1115	LIN # 2	0.009371	0.000027	0.9728	LIN #	0.001780	0.000014	0.5835	LIN #	0.113180	0.000317	0.9543	LIN #	0.540917	0.000883	0.9788	LIN #
07C1532	0.85 W	0.001636	0.000024	0.2690	LIN #	0.011110	0.000032	0.9783	LIN #	0.001815	0.000017	0.5302	LIN #	0.118518	0.000421	0.9288	LIN #	0.598278	0.001906	0.9250	LIN #
07C1534	1.03 W	0.001674	0.000015	0.5108	LIN # 1	0.011864	0.000051	0.9472	LIN #	0.001771	0.000009	0.7816	LIN # 1	0.116132	0.000221	0.9851	LIN # 1	0.605218	0.000281	0.9985	LIN # 1 8
07C1535	1.24 W	0.001923	0.000023	0.0650	LIN #	0.012060	0.000020	0.9919	LIN #	0.001723	0.000008	0.8042	LIN #	0.107368	0.000305	0.9358	LIN #	0.686767	0.000989	0.9853	LIN #
07C1536	1.47 W	0.002238	0.000013	0.7970	LIN # 1 4	0.011228	0.000060	0.8986	LIN #	0.001583	0.000015	0.4662	LIN # 1	0.092253	0.000520	0.8842	LIN # 1 2	0.756071	0.001671	0.9699	LIN #
07C1538	1.80 W	0.002463	0.000021	0.7051	LIN # 1	0.013152	0.000068	0.9007	LIN #	0.001546	0.000012	0.0972	LIN # 2	0.089230	0.000210	0.9512	LIN #	0.804243	0.000600	0.9950	LIN #
07C1539	2.30 W	0.003271	0.000016	0.8321	LIN # 10	0.023104	0.000042	0.9888	LIN #	0.001488	0.000008	0.3777	LIN #	0.066487	0.000199	0.9008	LIN # 1 2	1.028449	0.002139	0.9771	LIN #
07C1540	3.10 W	0.004804	0.000044	0.7888	LIN # 1	0.039972	0.000089	0.9869	LIN # 3 9	0.001509	0.000004	0.0032	LIN # 8	0.045676	0.000101	0.2281	LIN # 1	1.426925	0.001338	0.9942	LIN # 7
07C1542	4.07 W	0.006465	0.000045	0.8571	LIN #	0.078684	0.000347	0.9474	LIN #	0.001692	0.000014	0.0085	LIN #	0.034290	0.000145	0.9005	LIN #	1.869692	0.003090	0.9851	LIN # 2
07C1543	4.69 W	0.010004	0.000072	0.7545	LIN # 1 2	0.044686	0.000164	0.9504	LIN #	0.002129	0.000017	0.1167	LIN #	0.012401	0.000072	0.9963	LIN #	3.044638	0.006913	0.9794	LIN # 3

Sample Parameters		Sample	Material	Location	Analyst	Temp	Standard (in Ma)	%1σ	J	%1σ	MDF	%1σ	Volume Ratio	Sensitivity (mol/volt)	Day	Month	Year	Hour	Min	Resist	Irradiation	Project	Experiment	Nmb	Standard Name
07C1518	0.00 W	TIS-2 4D7-06	Groundmass 210-300µm	Tisa, Samoa	Jamie Russell	0	28.03	0.01	0.0015638	0.25	1.00378	0.16	1.0144	1.012E-19	14	APR	2007	06	50	001	OSU4D06	Samoa	07C1518	01	FCT-3
07C1519	0.01 W	TIS-2 4D7-06	Groundmass 210-300µm	Tisa, Samoa	Jamie Russell	0.01	28.03	0.01	0.0015638	0.25	1.00378	0.16	1.0145	1.012E-19	14	APR	2007	07	15	001	OSU4D06	Samoa	07C1518	01	FCT-3
07C1520	0.02 W	TIS-2 4D7-06	Groundmass 210-300µm	Tisa, Samoa	Jamie Russell	0.02	28.03	0.01	0.0015638	0.25	1.00378	0.16	1.0147	1.012E-19	14	APR	2007	07	47	001	OSU4D06	Samoa	07C1518	01	FCT-3
07C1522	0.06 W	TIS-2 4D7-06	Groundmass 210-300µm	Tisa, Samoa	Jamie Russell	0.06	28.03	0.01	0.0015638	0.25	1.00378	0.16	1.0148	1.012E-19	14	APR	2007	08	37	001	OSU4D06	Samoa	07C1518	01	FCT-3
07C1523	0.09 W	TIS-2 4D7-06	Groundmass 210-300µm	Tisa, Samoa	Jamie Russell	0.09	28.03	0.01	0.0015638	0.25	1.00378	0.16	1.0147	1.012E-19	14	APR	2007	09	03	001	OSU4D06	Samoa	07C1518	01	FCT-3
07C1524	0.12 W	TIS-2 4D7-06	Groundmass 210-300µm	Tisa, Samoa	Jamie Russell	0.12	28.03	0.01	0.0015638	0.25	1.00378	0.16	1.0147	1.012E-19	14	APR	2007	09	30	001	OSU4D06	Samoa	07C1518	01	FCT-3
07C1526	0.18 W	TIS-2 4D7-06	Groundmass 210-300µm	Tisa, Samoa	Jamie Russell	0.18	28.03	0.01	0.0015638	0.25	1.00378	0.16	1.0148	1.012E-19	14	APR	2007	10	22	001	OSU4D06	Samoa	07C1518	01	FCT-3
07C1527	0.29 W	TIS-2 4D7-06	Groundmass 210-300µm	Tisa, Samoa	Jamie Russell	0.29	28.03	0.01	0.0015638	0.25	1.00378	0.16	1.0149	1.012E-19	14	APR	2007	11	13	001	OSU4D06	Samoa	07C1518	01	FCT-3
07C1528	0.35 W	TIS-2 4D7-06	Groundmass 210-300µm	Tisa, Samoa	Jamie Russell	0.35	28.03	0.01	0.0015638	0.25	1.00378	0.16	1.0149	1.012E-19	14	APR	2007	11	39	001	OSU4D06	Samoa	07C1518	01	FCT-3
07C1530	0.53 W	TIS-2 4D7-06	Groundmass 210-300µm	Tisa, Samoa	Jamie Russell	0.53	28.03	0.01	0.0015638	0.25	1.00378	0.16	1.0151	1.012E-19	14	APR	2007	12	31	001	OSU4D06	Samoa	07C1518	01	FCT-3
07C1531	0.71 W	TIS-2 4D7-06	Groundmass 210-300µm	Tisa, Samoa	Jamie Russell	0.71	28.03	0.01	0.0015638	0.25	1.00378	0.16	1.0152	1.012E-19	14	APR	2007	12	57	001	OSU4D06	Samoa	07C1518	01	FCT-3
07C1532	0.85 W	TIS-2 4D7-06	Groundmass 210-300µm	Tisa, Samoa	Jamie Russell	0.85	28.03	0.01	0.0015638	0.25	1.00378	0.16	1.0151	1.012E-19	14	APR	2007	13	24	001	OSU4D06	Samoa	07C1518	01	FCT-3
07C1534	1.03 W	TIS-2 4D7-06	Groundmass 210-300µm	Tisa, Samoa	Jamie Russell	1.03	28.03	0.01	0.0015638	0.25	1.00378	0.16	1.0153	1.012E-19	14	APR	2007	14	16	001	OSU4D06	Samoa	07C1518	01	FCT-3
07C1535	1.24 W	TIS-2 4D7-06	Groundmass 210-300µm	Tisa, Samoa	Jamie Russell	1.24	28.03	0.01	0.0015638	0.25	1.00378	0.16	1.0154	1.012E-19	14	APR	2007	14	42	001	OSU4D06	Samoa	07C1518	01	FCT-3
07C1536	1.47 W	TIS-2 4D7-06	Groundmass 210-300µm	Tisa, Samoa	Jamie Russell	1.47	28.03	0.01	0.0015638	0.25	1.00378	0.16	1.0153	1.012E-19	14	APR	2007	15	08	001	OSU4D06	Samoa	07C1518	01	FCT-3
07C1538	1.80 W	TIS-2 4D7-06	Groundmass 210-300µm	Tisa, Samoa	Jamie Russell	1.8	28.03	0.01	0.0015638	0.25	1.00378	0.16	1.0153	1.012E-19	14	APR	2007	16	01	001	OSU4D06	Samoa	07C1518	01	FCT-3
07C1539	2.30 W	TIS-2 4D7-06	Groundmass 210-300µm	Tisa, Samoa	Jamie Russell	2.3	28.03	0.01	0.0015638	0.25	1.00378	0.16	1.0153	1.012E-19	14	APR	2007	16	28	001	OSU4D06	Samoa	07C1518	01	FCT-3
07C1540	3.10 W	TIS-2 4D7-06	Groundmass 210-300µm	Tisa, Samoa	Jamie Russell	3.1	28.03	0.01	0.0015638	0.25	1.00378	0.16	1.0154	1.012E-19	14	APR	2007	16	54	001	OSU4D06	Samoa	07C1518	01	FCT-3
07C1542	4.07 W	TIS-2 4D7-06	Groundmass 210-300µm	Tisa, Samoa	Jamie Russell	4.07	28.03	0.01	0.0015638	0.25	1.00378	0.16	1.0154	1.012E-19	14	APR	2007	17	46	001	OSU4D06	Samoa	07C1518	01	FCT-3
07C1543	4.69 W	TIS-2 4D7-06	Groundmass 210-300µm	Tisa, Samoa	Jamie Russell	4.69	28.03	0.01	0.0015638	0.25	1.00378	0.16	1.0153	1.012E-19	14	APR	2007	18	12	001	OSU4D06	Samoa	07C1518	01	FCT-3

Irradiation Constants		40/36(a)	%1σ	40/36(c)	%1σ	38/36(a)	%1σ	38/36(c)	%1σ	39/37(ca)	%1σ	38/37(ca)	%1σ	36/37(ca)	%1σ	40/39(k)	%1σ	38/39(k)	%1σ	36/38(cl)	%1σ	K/Ca	%1σ	K/Cl	%1σ	Ca/Cl	%1σ
07C1518	0.00 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0
07C1519	0.01 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0
07C1520	0.02 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0
07C1522	0.06 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0
07C1523	0.09 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0
07C1524	0.12 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0
07C1526	0.18 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0
07C1527	0.29 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0
07C1528	0.35 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0
07C1530	0.53 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0
07C1531	0.71 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0
07C1532	0.85 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0
07C1534	1.03 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0
07C1535	1.24 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0
07C1536	1.47 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0
07C1538	1.80 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0
07C1539	2.30 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0
07C1540	3.10 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0
07C1542	4.07 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0
07C1543	4.69 W	295.5	0	0.018	35	0.1869	0	1.493	3	0.000709	1.83	0.000032	21.9	0.000269	0.37	0.00165	24.9	0.01211	0.1	0	0	0.43	2	0	0	0	0

07C1518.AGE >>> TIS-2 4D7-06 >>> SAMOA PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
3.00 ± 0.18
TOTAL FUSION
4.64 ± 0.38
NORMAL ISOCHRON
3.00 ± 0.28
INVERSE ISOCHRON
3.02 ± 0.27

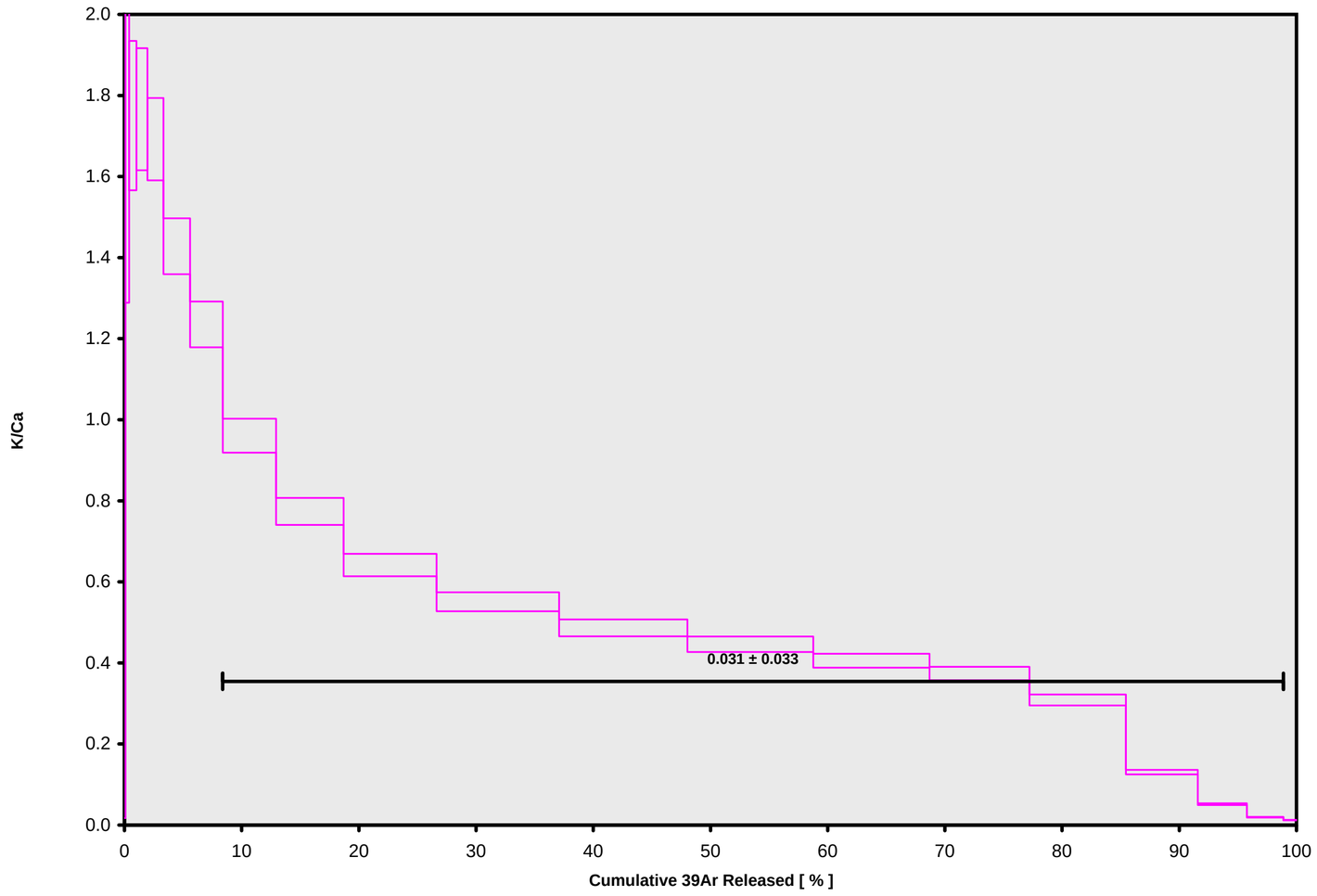
MSWD (PROBABILITY)
0.69 (75%)

Sample Info

Groundmass 210-300µm
Tisa, Samoa
Jamie Russell

IRR = OSU4D06
J = 0.00156380 ± 0.00000391

07C1518.AGE >>> TIS-2 4D7-06 >>> SAMOA PROJECT



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WEIGHTED PLATEAU
3.00 ± 0.18
TOTAL FUSION
4.64 ± 0.38
NORMAL ISOCHRON
3.00 ± 0.28
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3.02 ± 0.27

Sample Info

Groundmass 210-300µm
Tisa, Samoa
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IRR = OSU4D06
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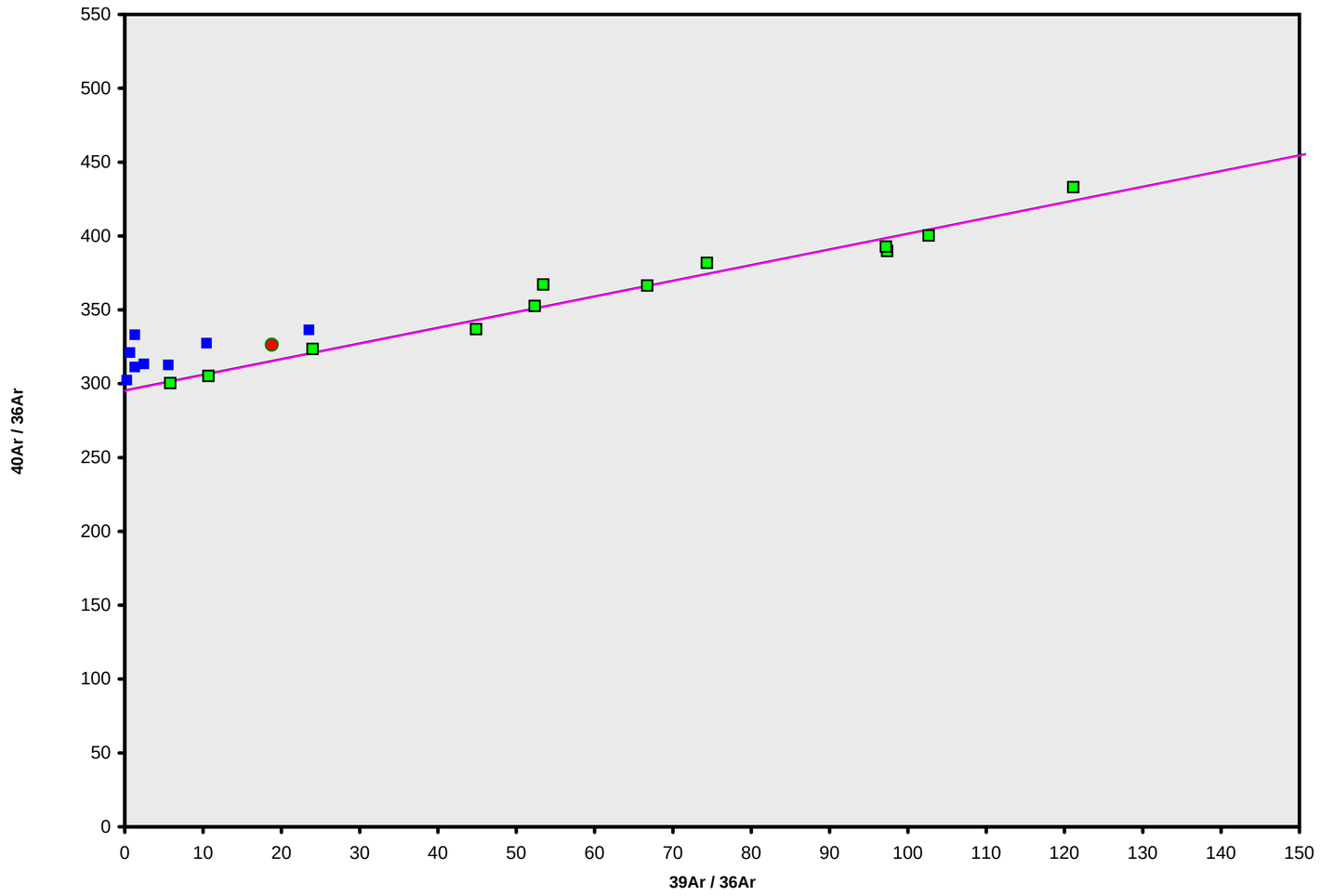
07C1518.AGE >>> TIS-2 4D7-06 >>> SAMOA PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
3.00 ± 0.18
TOTAL FUSION
4.64 ± 0.38
NORMAL ISOCHRON
3.00 ± 0.28
INVERSE ISOCHRON
3.02 ± 0.27

MSWD (PROBABILITY)
0.75 (68%)

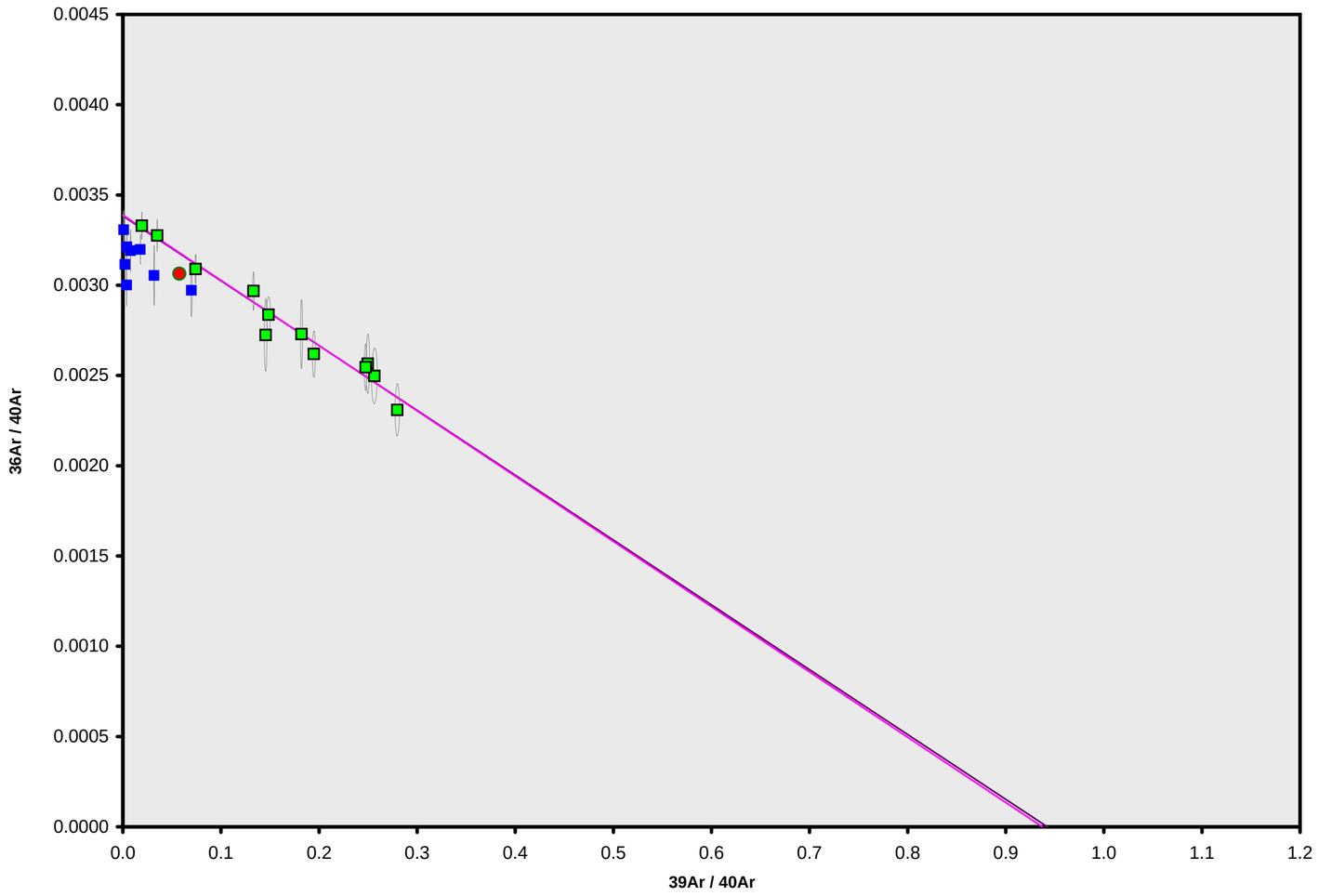
40AR/36AR INTERCEPT
295.1 ± 4.9

Sample Info

Groundmass 210-300µm
Tisa, Samoa
Jamie Russell

IRR = OSU4D06
J = 0.00156380 ± 0.00000391

07C1518.AGE >>> TIS-2 4D7-06 >>> SAMOA PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
3.00 ± 0.18
TOTAL FUSION
4.64 ± 0.38
NORMAL ISOCHRON
3.00 ± 0.28
INVERSE ISOCHRON
3.02 ± 0.27

MSWD (PROBABILITY)
0.76 (67%)

SPREADING FACTOR
27.8%

40AR/36AR INTERCEPT
295.1 ± 4.9

Sample Info

Groundmass 210-300µm
Tisa, Samoa
Jamie Russell

IRR = OSU4D06
J = 0.00156380 ± 0.00000391