Incremental Heating			36Ar(a)	37Ar(ca)	38Ar(cl)	39Ar(k)	40Ar(r)	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
06C3007	0.00 W		0.000712	0.001457	0.000381	0.005219	0.019271	12.70 ± 6.71	8.39	0.26	1.540 ± 0.152
06C3008	0.01 W		0.001004	0.003878	0.000921	0.013915	0.017358	4.30 ± 2.22	5.53	0.68	1.543 ± 0.107
06C3010	0.06 W		0.000850	0.007624	0.001726	0.028225	0.019214	2.35 ± 0.97	7.10	1.39	1.592 ± 0.081
06C3011	0.12 W		0.000590	0.012335	0.002778	0.046446	0.055706	4.14 ± 0.66	24.20	2.29	1.619 ± 0.075
06C3012	0.18 W		0.000428	0.017243	0.003657	0.063663	0.080308	4.35 ± 0.40	38.80	3.13	1.588 ± 0.070
06C3014	0.21 W	✓	0.000295	0.021176	0.004266	0.074650	0.103882	4.80 ± 0.38	54.35	3.67	1.516 ± 0.067
06C3015	0.27 W	✓	0.000269	0.032545	0.005827	0.104509	0.142505	4.70 ± 0.22	64.18	5.14	1.381 ± 0.058
06C3016	0.31 W	✓	0.000208	0.044650	0.006555	0.124724	0.169704	4.69 ± 0.20	73.30	6.14	1.201 ± 0.051
06C3018	0.35 W	✓	0.000160	0.053819	0.006747	0.130942	0.179604	4.73 ± 0.20	79.08	6.44	1.046 ± 0.044
06C3019	0.53 W	✓	0.000126	0.069823	0.006916	0.143006	0.200025	4.82 ± 0.18	84.26	7.04	0.881 ± 0.038
06C3020	0.59 W	✓	0.000146	0.125531	0.008204	0.186446	0.260920	4.83 ± 0.14	85.73	9.17	0.639 ± 0.027
06C3022	0.71 W	✓	0.000172	0.216133	0.008710	0.223967	0.315861	4.86 ± 0.11	86.07	11.02	0.446 ± 0.019
06C3023	0.88 W	✓	0.000131	0.241381	0.006534	0.185260	0.258937	4.82 ± 0.12	86.92	9.12	0.330 ± 0.014
06C3024	1.00 W	✓	0.000113	0.253671	0.004891	0.150265	0.209889	4.82 ± 0.17	86.14	7.39	0.255 ± 0.011
06C3026	1.24 W	✓	0.000132	0.326129	0.004379	0.143656	0.196187	4.71 ± 0.20	83.36	7.07	0.189 ± 0.008
06C3027	1.59 W	✓	0.000146	0.429517	0.003969	0.129032	0.176832	4.73 ± 0.19	80.35	6.35	0.129 ± 0.005
06C3028	1.87 W		0.000136	0.406124	0.002798	0.089521	0.117333	4.52 ± 0.33	74.38	4.41	0.095 ± 0.004
06C3030	2.48 W		0.000194	0.855285	0.003076	0.090068	0.114555	4.39 ± 0.33	66.63	4.43	0.045 ± 0.002
06C3031	3.42 W		0.000174	1.126037	0.002262	0.062032	0.083612	4.65 ± 0.46	61.88	3.05	0.024 ± 0.001
06C3032	4.69 W		0.000185	1.281202	0.001342	0.036698	0.046910	4.41 ± 0.72	46.13	1.81	0.012 ± 0.001
		Σ	0.006171	5.525560	0.085939	2.032245	2.768613				

Information on Analysis

Sample = SAV-2 2F13-06
Material = Groundmass 210-300µm
Location = Savai'i Island, Samoa
Analyst = Jamie Russell
Project = SAMOA
Mass Discrimination Law = LIN
Irradiation = OSU2F06
J = 0.00190930 ± 0.00000611
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	1.3908 ± 0.0145	4.80 ± 0.06	0.55	78.56	0.224 ± 0.120
	± 1.04%	± 1.22%	86%	11	
	Minimal External Error	± 0.10	1.45	2σ Confidence Limit	
	Analytical Error	± 0.05	1.0000	Error Magnification	
Total Fusion Age	1.3623 ± 0.0175	4.70 ± 0.07		20	0.158 ± 0.006
	± 1.28%	± 1.43%			
	Minimal External Error	± 0.11			
	Analytical Error	± 0.06			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
06C3007	0.00 W		7.3 ± 0.4	322.5 ± 15.6	0.9806
06C3008	0.01 W		13.9 ± 0.4	312.8 ± 9.5	0.9758
06C3010	0.06 W		33.2 ± 1.1	318.1 ± 10.1	0.9892
06C3011	0.12 W		78.7 ± 4.0	389.9 ± 19.8	0.9937
06C3012	0.18 W		148.7 ± 8.8	483.0 ± 28.5	0.9975
06C3014	0.21 W	✓	253.1 ± 23.7	647.7 ± 60.6	0.9976
06C3015	0.27 W	✓	389.1 ± 32.9	826.0 ± 69.8	0.9989
06C3016	0.31 W	✓	598.3 ± 70.0	1109.5 ± 129.7	0.9992
06C3018	0.35 W	✓	818.3 ± 132.1	1417.9 ± 228.9	0.9995
06C3019	0.53 W	✓	1138.3 ± 232.8	1887.6 ± 386.0	0.9999
06C3020	0.59 W	✓	1278.1 ± 215.6	2084.1 ± 351.3	0.9992
06C3022	0.71 W	✓	1304.2 ± 182.7	2134.8 ± 299.0	0.9996
06C3023	0.88 W	✓	1416.0 ± 227.4	2274.6 ± 365.2	0.9997
06C3024	1.00 W	✓	1324.7 ± 287.0	2145.9 ± 464.7	0.9996
06C3026	1.24 W	✓	1090.3 ± 227.2	1784.5 ± 371.7	0.9996
06C3027	1.59 W	✓	886.1 ± 147.9	1509.9 ± 251.9	0.9997
06C3028	1.87 W		657.1 ± 140.5	1156.7 ± 247.3	0.9995
06C3030	2.48 W		465.2 ± 70.4	887.2 ± 134.2	0.9992
06C3031	3.42 W		356.6 ± 56.9	776.1 ± 123.7	0.9991
06C3032	4.69 W		198.1 ± 27.7	548.8 ± 76.7	0.9993

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	281.5458 ± 23.8138 ± 8.46%	1.4032 ± 0.0285 ± 2.03%	4.84 ± 0.10 ± 2.13%	0.49 88%
			Minimal External Error ± 0.13	
			Analytical Error ± 0.10	

Statistics				
	2σ Confidence Limit	1.94	Convergence	0.0000136282
	Error Magnification	1.0000	Number of Iterations	96
	Number of Data Points	11	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
06C3007	0.00 W		0.022712 ± 0.000220	0.003100 ± 0.000150	0.0049
06C3008	0.01 W		0.044322 ± 0.000298	0.003197 ± 0.000097	0.0404
06C3010	0.06 W		0.104354 ± 0.000489	0.003144 ± 0.000100	0.0151
06C3011	0.12 W		0.201821 ± 0.001160	0.002565 ± 0.000131	0.0185
06C3012	0.18 W		0.307775 ± 0.001291	0.002070 ± 0.000122	0.0118
06C3014	0.21 W	✓	0.390781 ± 0.002524	0.001544 ± 0.000144	0.0054
06C3015	0.27 W	✓	0.471011 ± 0.001881	0.001211 ± 0.000102	0.0066
06C3016	0.31 W	✓	0.539207 ± 0.002593	0.000901 ± 0.000105	0.0108
06C3018	0.35 W	✓	0.577120 ± 0.003055	0.000705 ± 0.000114	0.0031
06C3019	0.53 W	✓	0.603020 ± 0.002091	0.000530 ± 0.000108	0.0015
06C3020	0.59 W	✓	0.613257 ± 0.004138	0.000480 ± 0.000081	0.0011
06C3022	0.71 W	✓	0.610919 ± 0.002519	0.000468 ± 0.000066	0.0063
06C3023	0.88 W	✓	0.622515 ± 0.002576	0.000440 ± 0.000071	0.0032
06C3024	1.00 W	✓	0.617339 ± 0.003576	0.000466 ± 0.000101	0.0018
06C3026	1.24 W	✓	0.610989 ± 0.003551	0.000560 ± 0.000117	0.0017
06C3027	1.59 W	✓	0.586881 ± 0.002333	0.000662 ± 0.000111	0.0017
06C3028	1.87 W		0.568046 ± 0.003828	0.000865 ± 0.000185	0.0026
06C3030	2.48 W		0.524354 ± 0.003169	0.001127 ± 0.000171	0.0105
06C3031	3.42 W		0.459439 ± 0.003181	0.001288 ± 0.000205	0.0044
06C3032	4.69 W		0.361061 ± 0.001841	0.001822 ± 0.000255	0.0118

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	281.9873 ± 23.5606 ± 8.36%	1.4047 ± 0.0278 ± 1.98%	4.84 ± 0.10 ± 2.08%	0.48 89%
		Minimal External Error	± 0.13	
		Analytical Error	± 0.10	

Statistics				
	2σ Confidence Limit	1.94	Convergence	0.0000151121
	Error Magnification	1.0000	Number of Iterations	3
	Number of Data Points	11	Calculated Line	Weighted York-2
	Spreading Factor	32.6%		

Relative Abundances			36Ar	%1σ	37Ar	%1σ	38Ar	%1σ	39Ar	%1σ	40Ar	%1σ	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
06C3007	0.00 W		0.0007129	2.423	0.0014570	4.491	0.0005774	2.476	0.0052202	0.478	0.2298043	0.076	12.70 ± 6.71	8.39	0.26	1.540 ± 0.152
06C3008	0.01 W		0.0010049	1.504	0.0038776	2.822	0.0012774	1.471	0.0139176	0.304	0.3139756	0.143	4.30 ± 2.22	5.53	0.68	1.543 ± 0.107
06C3010	0.06 W		0.0008526	1.582	0.0076243	1.566	0.0022266	0.731	0.0282306	0.222	0.2705231	0.075	2.35 ± 0.97	7.10	1.39	1.592 ± 0.081
06C3011	0.12 W		0.0005941	2.526	0.0123355	1.145	0.0034515	0.653	0.0464545	0.263	0.2302094	0.116	4.14 ± 0.66	24.20	2.29	1.619 ± 0.075
06C3012	0.18 W		0.0004335	2.910	0.0172432	0.941	0.0045087	0.697	0.0636756	0.192	0.2069554	0.085	4.35 ± 0.40	38.80	3.13	1.588 ± 0.070
06C3014	0.21 W	✓	0.0003013	4.578	0.0211762	0.890	0.0052256	0.599	0.0746654	0.310	0.1911518	0.089	4.80 ± 0.38	54.35	3.67	1.516 ± 0.067
06C3015	0.27 W	✓	0.0002783	4.078	0.0325453	0.646	0.0071441	0.441	0.1045317	0.185	0.2220542	0.072	4.70 ± 0.22	64.18	5.14	1.381 ± 0.058
06C3016	0.31 W	✓	0.0002216	5.497	0.0446500	0.706	0.0081056	0.615	0.1247558	0.206	0.2315162	0.121	4.69 ± 0.20	73.30	6.14	1.201 ± 0.051
06C3018	0.35 W	✓	0.0001756	7.353	0.0538185	0.664	0.0083641	0.443	0.1309804	0.252	0.2271050	0.078	4.73 ± 0.20	79.08	6.44	1.046 ± 0.044
06C3019	0.53 W	✓	0.0001456	8.824	0.0698229	0.786	0.0086739	0.555	0.1430557	0.166	0.2373860	0.045	4.82 ± 0.18	84.26	7.04	0.881 ± 0.038
06C3020	0.59 W	✓	0.0001810	6.792	0.1255305	0.614	0.0104932	0.376	0.1865353	0.333	0.3043341	0.048	4.83 ± 0.14	85.73	9.17	0.639 ± 0.027
06C3022	0.71 W	✓	0.0002313	5.194	0.2161334	0.818	0.0114614	0.508	0.2241200	0.183	0.3669756	0.092	4.86 ± 0.11	86.07	11.02	0.446 ± 0.019
06C3023	0.88 W	✓	0.0001968	5.328	0.2413813	0.777	0.0088098	0.497	0.1854312	0.194	0.2979050	0.068	4.82 ± 0.12	86.92	9.12	0.330 ± 0.014
06C3024	1.00 W	✓	0.0001825	6.725	0.2536711	0.631	0.0067401	0.448	0.1504447	0.279	0.2436551	0.071	4.82 ± 0.17	86.14	7.39	0.255 ± 0.011
06C3026	1.24 W	✓	0.0002202	6.224	0.3261290	0.560	0.0061533	0.570	0.1438870	0.281	0.2353570	0.067	4.71 ± 0.20	83.36	7.07	0.189 ± 0.008
06C3027	1.59 W	✓	0.0002618	4.630	0.4295165	0.586	0.0055728	0.743	0.1293365	0.191	0.2200736	0.046	4.73 ± 0.19	80.35	6.35	0.129 ± 0.005
06C3028	1.87 W		0.0002460	5.908	0.4061235	0.789	0.0039207	0.685	0.0898086	0.322	0.1577417	0.094	4.52 ± 0.33	74.38	4.41	0.095 ± 0.004
06C3030	2.48 W		0.0004242	3.432	0.8552846	0.573	0.0042300	0.657	0.0906747	0.257	0.1719186	0.153	4.39 ± 0.33	66.63	4.43	0.045 ± 0.002
06C3031	3.42 W		0.0004772	2.865	1.1260371	0.660	0.0030819	0.684	0.0628307	0.323	0.1351200	0.109	4.65 ± 0.46	61.88	3.05	0.024 ± 0.001
06C3032	4.69 W		0.0005301	2.391	1.2812022	0.655	0.0018617	1.095	0.0376066	0.199	0.1017007	0.144	4.41 ± 0.72	46.13	1.81	0.012 ± 0.001
		Σ	0.0076714	0.777	5.5255595	0.243	0.1118798	0.137	2.0361629	0.063	4.5954624	0.021				

Information on Analysis and Constants Used in Calculations

Sample = SAV-2 2F13-06
Material = Groundmass 210-300µm
Location = Savai'i Island, Samoa
Analyst = Jamie Russell
Project = SAMOA
Mass Discrimination Law = LIN
Irradiation = OSU2F06
J = 0.00190930 ± 0.00000611
FCT-3 = 28.030 ± 0.003 Ma
IGSN = KOP000007
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 = 13°12.7'S - 172°05.8'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	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau	1.3908 ± 0.0145 ± 1.04%	4.80 ± 0.06 ± 1.22%	0.55	78.56	0.224 ± 0.120
			86%	11	
	Minimal External Error ± 0.10		1.45	2σ Confidence Limit	
	Analytical Error ± 0.05		1.0000	Error Magnification	
Total Fusion Age	1.3623 ± 0.0175 ± 1.28%	4.70 ± 0.07 ± 1.43%		20	0.158 ± 0.006
	Minimal External Error ± 0.11				
	Analytical Error ± 0.06				
Normal Isochron	1.4032 ± 0.0285 ± 2.03%	4.84 ± 0.10 ± 2.13%	0.49	78.56	
			88%	11	
	Minimal External Error ± 0.13		1.94	2σ Confidence Limit	
	Analytical Error ± 0.10		1.0000	Error Magnification	
Inverse Isochron	1.4047 ± 0.0278 ± 1.98%	4.84 ± 0.10 ± 2.08%	0.48	78.56	
			89%	11	
	Minimal External Error ± 0.13		1.94	2σ Confidence Limit	
	Analytical Error ± 0.10		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
06C3007	0.00 W		0.000712	2.42	0.000000	0.00	0.000000	4.51	0.000000	6.62	0.001457	4.49	0.000133	2.42	0.000000	0.00	0.000063	0.49	0.000000	22.36	0.000381	8.53	0.005219	0.48	0.000001	4.85	0.019271	26.50	0.210525	2.42	0.000000	0.00	0.000009	24.90
06C3008	0.01 W		0.001004	1.51	0.000000	0.00	0.000001	2.85	0.000000	5.77	0.003878	2.82	0.000188	1.51	0.000000	0.00	0.000169	0.32	0.000000	22.08	0.000921	7.89	0.013915	0.30	0.000003	3.36	0.017358	25.87	0.296595	1.51	0.000000	0.00	0.000023	24.90
06C3010	0.06 W		0.000850	1.59	0.000000	0.00	0.000002	1.61	0.000000	5.47	0.007624	1.57	0.000159	1.59	0.000000	0.00	0.000342	0.24	0.000000	21.96	0.001726	7.68	0.028225	0.22	0.000005	2.41	0.019214	20.77	0.251263	1.59	0.000000	0.00	0.000047	24.90
06C3011	0.12 W		0.000590	2.54	0.000000	0.00	0.000003	1.20	0.000000	5.45	0.012335	1.14	0.000110	2.54	0.000000	0.00	0.000562	0.28	0.000000	21.93	0.002778	7.66	0.046446	0.26	0.000009	2.16	0.055706	7.98	0.174427	2.54	0.000000	0.00	0.000077	24.90
06C3012	0.18 W		0.000428	2.95	0.000000	0.00	0.000005	1.01	0.000001	5.45	0.017243	0.94	0.000080	2.95	0.000000	0.00	0.000771	0.22	0.000001	21.92	0.003657	7.66	0.063663	0.19	0.000012	2.06	0.080308	4.65	0.126542	2.95	0.000000	0.00	0.000105	24.90
06C3014	0.21 W	✓	0.000295	4.68	0.000000	0.00	0.000006	0.96	0.000001	5.44	0.021176	0.89	0.000055	4.68	0.000000	0.00	0.000904	0.33	0.000001	21.92	0.004266	7.65	0.074650	0.31	0.000015	2.03	0.103882	3.93	0.087146	4.68	0.000000	0.00	0.000123	24.90
06C3015	0.27 W	✓	0.000269	4.23	0.000000	0.00	0.000009	0.74	0.000001	5.41	0.032545	0.65	0.000050	4.23	0.000000	0.00	0.001266	0.21	0.000001	21.91	0.005827	7.64	0.104509	0.19	0.000023	1.94	0.142505	2.36	0.079376	4.23	0.000000	0.00	0.000172	24.90
06C3016	0.31 W	✓	0.000208	5.84	0.000000	0.00	0.000012	0.80	0.000001	5.44	0.044650	0.71	0.000039	5.84	0.000000	0.00	0.001510	0.23	0.000001	21.91	0.006555	7.65	0.124724	0.21	0.000032	1.96	0.169704	2.13	0.061606	5.84	0.000000	0.00	0.000206	24.90
06C3018	0.35 W	✓	0.000160	8.07	0.000000	0.00	0.000014	0.76	0.000001	5.41	0.053819	0.66	0.000030	8.07	0.000000	0.00	0.001586	0.27	0.000002	21.91	0.006747	7.64	0.130942	0.25	0.000038	1.95	0.179604	2.13	0.047285	8.07	0.000000	0.00	0.000216	24.90
06C3019	0.53 W	✓	0.000126	10.22	0.000000	0.00	0.000019	0.87	0.000001	5.43	0.069823	0.79	0.000023	10.22	0.000000	0.00	0.001732	0.19	0.000002	21.91	0.006916	7.65	0.143006	0.17	0.000050	1.99	0.200025	1.90	0.037125	10.22	0.000000	0.00	0.000236	24.90
06C3020	0.59 W	✓	0.000146	8.43	0.000000	0.00	0.000034	0.72	0.000001	5.41	0.125531	0.61	0.000027	8.43	0.000000	0.00	0.002258	0.35	0.000004	21.91	0.008204	7.63	0.186446	0.33	0.000089	1.93	0.260920	1.39	0.043107	8.43	0.000000	0.00	0.000308	24.90
06C3022	0.71 W	✓	0.000172	7.00	0.000000	0.00	0.000058	0.90	0.000001	5.43	0.216133	0.82	0.000032	7.00	0.000000	0.00	0.002712	0.21	0.000007	21.92	0.008710	7.65	0.223967	0.18	0.000153	2.00	0.315861	1.13	0.050745	7.00	0.000000	0.00	0.000370	24.90
06C3023	0.88 W	✓	0.000131	8.03	0.000000	0.00	0.000065	0.86	0.000001	5.43	0.241381	0.78	0.000024	8.03	0.000000	0.00	0.002243	0.22	0.000008	21.91	0.006534	7.65	0.185260	0.19	0.000171	1.99	0.258937	1.20	0.038662	8.03	0.000000	0.00	0.000306	24.90
06C3024	1.00 W	✓	0.000113	10.83	0.000000	0.00	0.000068	0.73	0.000001	5.42	0.253671	0.63	0.000021	10.83	0.000000	0.00	0.001820	0.30	0.000008	21.91	0.004891	7.64	0.150265	0.28	0.000180	1.94	0.209889	1.73	0.033519	10.83	0.000000	0.00	0.000248	24.90
06C3026	1.24 W	✓	0.000132	10.41	0.000000	0.00	0.000088	0.67	0.000001	5.45	0.326129	0.56	0.000025	10.41	0.000000	0.00	0.001740	0.30	0.000010	21.91	0.004379	7.66	0.143656	0.28	0.000231	1.91	0.196187	2.07	0.038933	10.41	0.000000	0.00	0.000237	24.90
06C3027	1.59 W	✓	0.000146	8.34	0.000000	0.00	0.000116	0.69	0.000001	5.49	0.429517	0.59	0.000027	8.34	0.000000	0.00	0.001563	0.22	0.000014	21.91	0.003969	7.69	0.129032	0.19	0.000305	1.92	0.176832	2.03	0.043029	8.34	0.000000	0.00	0.000213	24.90
06C3028	1.87 W		0.000136	10.69	0.000000	0.00	0.000109	0.87	0.000000	5.47	0.406124	0.79	0.000025	10.69	0.000000	0.00	0.001084	0.34	0.000013	21.91	0.002798	7.68	0.089521	0.32	0.000288	1.99	0.117333	3.67	0.040261	10.69	0.000000	0.00	0.000148	24.90
06C3030	2.48 W		0.000194	7.56	0.000000	0.00	0.000230	0.68	0.000001	5.47	0.855285	0.57	0.000036	7.56	0.000000	0.00	0.001091	0.28	0.000027	21.91	0.003076	7.67	0.090068	0.26	0.000606	1.92	0.114555	3.78	0.057215	7.56	0.000000	0.00	0.000149	24.90
06C3031	3.42 W		0.000174	7.97	0.000000	0.00	0.000303	0.76	0.000000	5.48	1.126037	0.66	0.000033	7.97	0.000000	0.00	0.000751	0.34	0.000036	21.91	0.002262	7.68	0.062032	0.33	0.000798	1.95	0.083612	4.90	0.051406	7.97	0.000000	0.00	0.000102	24.90
06C3032	4.69 W		0.000185	6.99	0.000000	0.00	0.000345	0.75	0.000000	5.64	1.281202	0.65	0.000035	6.99	0.000000	0.00	0.000444	0.23	0.000041	21.91	0.001342	7.80	0.036698	0.21	0.000908	1.94	0.046910	8.16	0.054730	6.99	0.000000	0.00	0.000061	24.90
		Σ	0.006171	0.97	0.000000	0.00	0.001486	0.28	0.000014	1.39	5.525560	0.24	0.001153	0.97	0.000000	0.00	0.024610	0.07	0.000177	8.22	0.085939	1.95	2.032245	0.06	0.003918	0.73	2.768613	0.64	1.823496	0.97	0.000000	0.00	0.003353	6.45
		Σ							0.007671	0.78	5.525560	0.24									0.111880	1.50			2.036163	0.06							4.595462	0.54

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)
06C3007	0.00 W		3.692311	0.97864	0.229796	0.00017	44.022051	0.21298	0.279101	0.01261	0.136564	0.00337	85.066	5.38222685	1.00060144	2.326E-20
06C3008	0.01 W		1.247417	0.32270	0.313953	0.00045	22.559590	0.07587	0.278608	0.00791	0.072204	0.00111	85.088	5.38451595	1.00060159	3.177E-20
06C3010	0.06 W		0.680739	0.14137	0.270477	0.00020	9.582619	0.02244	0.270071	0.00427	0.030202	0.00048	85.129	5.38894923	1.00060188	2.738E-20
06C3011	0.12 W		1.199371	0.09571	0.230133	0.00027	4.955591	0.01423	0.265539	0.00312	0.012788	0.00032	85.151	5.39124118	1.00060203	2.330E-20
06C3012	0.18 W		1.261455	0.05866	0.206850	0.00018	3.250154	0.00680	0.270798	0.00260	0.006807	0.00020	85.172	5.39346014	1.00060218	2.094E-20
06C3014	0.21 W	✓	1.391582	0.05482	0.191029	0.00017	2.560112	0.00826	0.283614	0.00267	0.004035	0.00019	85.215	5.39804887	1.00060248	1.934E-20
06C3015	0.27 W	✓	1.363574	0.03223	0.221882	0.00017	2.124276	0.00422	0.311344	0.00209	0.002663	0.00011	85.235	5.40027062	1.00060263	2.247E-20
06C3016	0.31 W	✓	1.360635	0.02909	0.231310	0.00029	1.855754	0.00444	0.357899	0.00263	0.001776	0.00010	85.256	5.40249329	1.00060278	2.343E-20
06C3018	0.35 W	✓	1.371631	0.02938	0.226889	0.00019	1.733886	0.00457	0.410890	0.00292	0.001341	0.00010	85.299	5.40708970	1.00060308	2.298E-20
06C3019	0.53 W	✓	1.398717	0.02666	0.237150	0.00012	1.659396	0.00285	0.488082	0.00392	0.001017	0.00009	85.322	5.40946358	1.00060324	2.402E-20
06C3020	0.59 W	✓	1.399437	0.02006	0.304026	0.00017	1.631510	0.00549	0.672959	0.00470	0.000970	0.00007	85.343	5.41176426	1.00060339	3.080E-20
06C3022	0.71 W	✓	1.410302	0.01615	0.366606	0.00035	1.637407	0.00335	0.964365	0.00808	0.001032	0.00005	85.386	5.41636856	1.00060370	3.714E-20
06C3023	0.88 W	✓	1.397695	0.01701	0.297599	0.00022	1.606553	0.00330	1.301730	0.01042	0.001062	0.00006	85.408	5.41867218	1.00060385	3.015E-20
06C3024	1.00 W	✓	1.396791	0.02450	0.243407	0.00018	1.619566	0.00467	1.686142	0.01164	0.001213	0.00008	85.430	5.42105114	1.00060400	2.466E-20
06C3026	1.24 W	✓	1.365674	0.02851	0.235120	0.00017	1.635708	0.00473	2.266564	0.01420	0.001530	0.00010	85.473	5.42566334	1.00060431	2.382E-20
06C3027	1.59 W	✓	1.370450	0.02796	0.219861	0.00012	1.701558	0.00335	3.320922	0.02048	0.002024	0.00009	85.494	5.42797092	1.00060446	2.227E-20
06C3028	1.87 W		1.310684	0.04828	0.157594	0.00015	1.756420	0.00588	4.522099	0.03852	0.002739	0.00016	85.516	5.43027947	1.00060461	1.596E-20
06C3030	2.48 W		1.271872	0.04824	0.171770	0.00027	1.895993	0.00568	9.432446	0.05926	0.004678	0.00016	85.559	5.43489953	1.00060492	1.740E-20
06C3031	3.42 W		1.347873	0.06623	0.135018	0.00015	2.150539	0.00733	17.921753	0.13168	0.007596	0.00022	85.581	5.43721103	1.00060507	1.367E-20
06C3032	4.69 W		1.278255	0.10430	0.101640	0.00015	2.704328	0.00665	34.068517	0.23315	0.014095	0.00034	85.602	5.43952351	1.00060522	1.029E-20

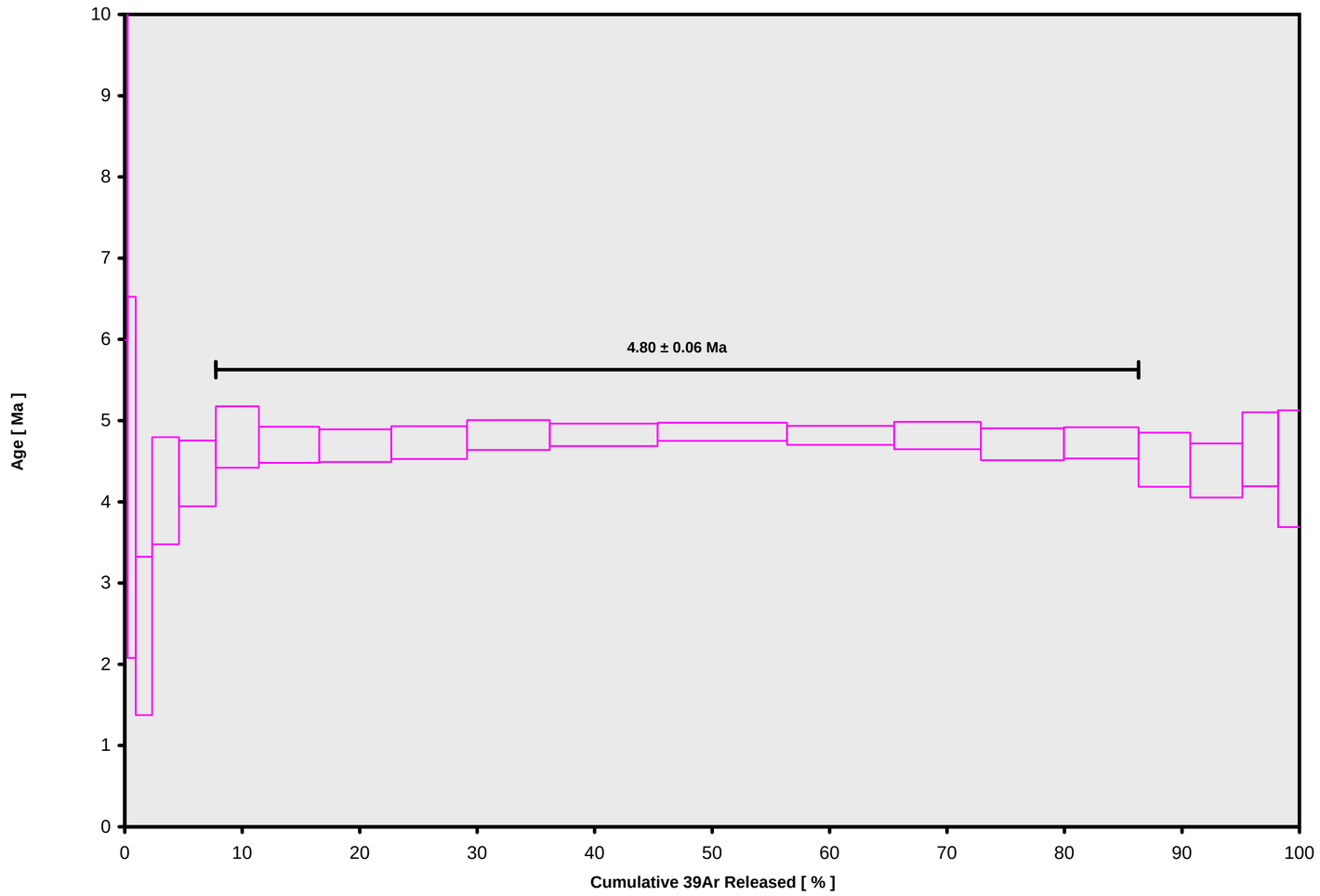
Procedure Blanks		36Ar	1σ	37Ar	1σ	38Ar	1σ	39Ar	1σ	40Ar	1σ
06C3007	0.00 W	0.000028	0.000009	0.000029	0.000008	0.000008	0.000009	0.000013	0.000010	0.004641	0.000032
06C3008	0.01 W	0.000021	0.000009	0.000013	0.000018	0.000011	0.000008	0.000025	0.000012	0.006087	0.000054
06C3010	0.06 W	0.000019	0.000009	0.000013	0.000018	0.000011	0.000008	0.000022	0.000012	0.006225	0.000054
06C3011	0.12 W	0.000018	0.000009	0.000018	0.000018	0.000014	0.000008	0.000021	0.000012	0.006248	0.000054
06C3012	0.18 W	0.000017	0.000009	0.000020	0.000018	0.000017	0.000008	0.000020	0.000012	0.006244	0.000054
06C3014	0.21 W	0.000016	0.000009	0.000021	0.000018	0.000018	0.000008	0.000019	0.000012	0.006165	0.000054
06C3015	0.27 W	0.000015	0.000009	0.000020	0.000018	0.000017	0.000008	0.000019	0.000012	0.006099	0.000054
06C3016	0.31 W	0.000015	0.000009	0.000018	0.000018	0.000016	0.000008	0.000019	0.000012	0.006019	0.000054
06C3018	0.35 W	0.000015	0.000009	0.000014	0.000018	0.000012	0.000008	0.000019	0.000012	0.005822	0.000054
06C3019	0.53 W	0.000015	0.000009	0.000011	0.000018	0.000010	0.000008	0.000020	0.000012	0.005712	0.000054
06C3020	0.59 W	0.000016	0.000009	0.000010	0.000018	0.000008	0.000008	0.000021	0.000012	0.005603	0.000054
06C3022	0.71 W	0.000016	0.000009	0.000010	0.000018	0.000005	0.000008	0.000024	0.000012	0.005395	0.000054
06C3023	0.88 W	0.000016	0.000009	0.000012	0.000018	0.000004	0.000008	0.000025	0.000012	0.005302	0.000054
06C3024	1.00 W	0.000017	0.000009	0.000016	0.000018	0.000004	0.000008	0.000027	0.000012	0.005219	0.000054
06C3026	1.24 W	0.000018	0.000009	0.000031	0.000018	0.000008	0.000008	0.000032	0.000012	0.005108	0.000054
06C3027	1.59 W	0.000018	0.000009	0.000042	0.000018	0.000012	0.000008	0.000035	0.000012	0.005085	0.000054
06C3028	1.87 W	0.000018	0.000009	0.000057	0.000018	0.000017	0.000008	0.000038	0.000012	0.005087	0.000054
06C3030	2.48 W	0.000019	0.000009	0.000098	0.000018	0.000032	0.000008	0.000045	0.000012	0.005182	0.000054
06C3031	3.42 W	0.000019	0.000009	0.000125	0.000018	0.000043	0.000008	0.000049	0.000012	0.005281	0.000054
06C3032	4.69 W	0.000019	0.000009	0.000156	0.000018	0.000056	0.000008	0.000054	0.000012	0.005420	0.000054

Intercept Values		36Ar	1σ	r2		37Ar	1σ	r2		38Ar	1σ	r2		39Ar	1σ	r2		40Ar	1σ	r2	
06C3007	0.00 W	0.000738	0.000014	0.0065	LIN #	0.000298	0.000009	0.7008	LIN #	0.000580	0.000010	0.3880	LIN #	0.005159	0.000021	0.9280	LIN #	0.230368	0.000168	0.9947	LIN # 1
06C3008	0.01 W	0.001023	0.000011	0.4435	LIN #	0.000728	0.000010	0.6682	EXP #	0.001275	0.000016	0.5243	LIN #	0.013743	0.000033	0.6419	EXP #	0.314496	0.000439	0.9800	LIN # 1
06C3010	0.06 W	0.000869	0.000009	0.8818	LIN # 1	0.001418	0.000011	0.0315	LIN # 1	0.002215	0.000012	0.8582	LIN #	0.027850	0.000041	0.9860	LIN # 1	0.271935	0.000192	0.9949	LIN # 1
06C3011	0.12 W	0.000610	0.000012	0.2105	LIN #	0.002291	0.000015	0.6819	LIN #	0.003431	0.000018	0.9036	LIN #	0.045812	0.000095	0.9766	EXP #	0.232345	0.000257	0.9789	LIN # 10
06C3012	0.18 W	0.000449	0.000009	0.0965	LIN #	0.003197	0.000017	0.8334	EXP #	0.004481	0.000026	0.8737	LIN #	0.062793	0.000065	0.9970	LIN # 1 2	0.209512	0.000164	0.9861	LIN # 1
06C3014	0.21 W	0.000316	0.000011	0.2145	LIN #	0.003921	0.000022	0.7834	EXP #	0.005193	0.000025	0.9389	LIN # 1	0.073648	0.000195	0.9724	LIN #	0.193961	0.000158	0.9880	EXP # 1 2
06C3015	0.27 W	0.000293	0.000007	0.4408	LIN #	0.006012	0.000013	0.9802	EXP #	0.007094	0.000020	0.9827	LIN # 4 9 12	0.103109	0.000095	0.9966	EXP # 12	0.224295	0.000148	0.9916	LIN # 1 9 11
06C3016	0.31 W	0.000236	0.000009	0.2978	LIN #	0.008236	0.000034	0.9296	EXP # 9	0.008045	0.000041	0.9187	LIN #	0.123066	0.000160	0.9935	LIN #	0.233541	0.000271	0.9608	LIN #
06C3018	0.35 W	0.000190	0.000010	0.0036	LIN #	0.009910	0.000035	0.9599	EXP # 3	0.008298	0.000024	0.9807	LIN # 1 2	0.129206	0.000251	0.9881	EXP # 4	0.229011	0.000167	0.9912	EXP # 1 4 12
06C3019	0.53 W	0.000160	0.000010	0.3218	LIN # 9	0.012846	0.000072	0.9121	LIN #	0.008603	0.000038	0.9341	LIN # 9	0.141117	0.000059	0.9993	EXP # 7 9 12	0.239010	0.000091	0.9967	EXP # 1 6 7
06C3020	0.59 W	0.000196	0.000009	0.0831	LIN #	0.023079	0.000068	0.9693	EXP #	0.010405	0.000019	0.9904	LIN #	0.184038	0.000537	0.9722	EXP #	0.304786	0.000135	0.9968	EXP #
06C3022	0.71 W	0.000247	0.000008	0.3445	LIN #	0.039695	0.000245	0.9319	EXP #	0.011361	0.000044	0.9545	LIN #	0.221118	0.000194	0.9972	LIN #	0.366182	0.000328	0.9902	LIN # 12
06C3023	0.88 W	0.000213	0.000006	0.7011	LIN #	0.044305	0.000249	0.9238	EXP #	0.008732	0.000032	0.9712	LIN # 1 6	0.182917	0.000199	0.9963	EXP # 3 11	0.298109	0.000192	0.9922	EXP #
06C3024	1.00 W	0.000199	0.000009	0.3378	LIN #	0.046540	0.000156	0.9576	EXP #	0.006681	0.000019	0.9716	LIN # 6	0.148397	0.000339	0.9842	EXP # 1 12	0.244666	0.000162	0.9909	EXP # 1 2
06C3026	1.24 W	0.000237	0.000011	0.1254	LIN #	0.059793	0.000099	0.9923	LIN # 1 12	0.006103	0.000028	0.9138	LIN #	0.141934	0.000328	0.9841	LIN # 2	0.236399	0.000146	0.9920	EXP # 1 2
06C3027	1.59 W	0.000279	0.000008	0.4370	LIN #	0.078716	0.000189	0.9853	EXP # 3 11	0.005531	0.000036	0.8911	LIN #	0.127587	0.000133	0.9959	EXP # 5	0.221351	0.000085	0.9979	LIN # 1 2 3 4 8
06C3028	1.87 W	0.000264	0.000012	0.0026	LIN #	0.074407	0.000431	0.9292	EXP #	0.003900	0.000022	0.9073	LIN #	0.088599	0.000247	0.9712	EXP #	0.160060	0.000136	0.8975	EXP #
06C3030	2.48 W	0.000442	0.000011	0.0151	LIN #	0.156574	0.000324	0.9909	EXP #	0.004222	0.000023	0.8821	LIN #	0.089478	0.000180	0.9799	EXP #	0.174123	0.000254	0.5068	LIN #
06C3031	3.42 W	0.000495	0.000010	0.2300	LIN # 10	0.206028	0.000797	0.9606	EXP #	0.003095	0.000017	0.8630	LIN #	0.062013	0.000173	0.9511	EXP # 7	0.138027	0.000135	0.9620	EXP #
06C3032	4.69 W	0.000548	0.000009	0.1551	LIN #	0.234332	0.000886	0.9722	EXP #	0.001900	0.000017	0.7391	LIN #	0.037141	0.000042	0.9904	EXP #	0.105309	0.000134	0.9735	EXP # 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
06C3007	0.00 W	SAV-2 2F13-06	Groundmass 210-300µm	Savai'i Island, Samoa	Jamie Russell	0	28.03	0.01	0.0019093	0.32	1.00378	0.16	1.0177	1.012E-19	30	AUG	2006	16	38	001	OSU2F06	Samoa	06C3007	01	FCT-3
06C3008	0.01 W	SAV-2 2F13-06	Groundmass 210-300µm	Savai'i Island, Samoa	Jamie Russell	0.01	28.03	0.01	0.0019093	0.32	1.00378	0.16	1.0177	1.012E-19	30	AUG	2006	17	09	001	OSU2F06	Samoa	06C3007	01	FCT-3
06C3010	0.06 W	SAV-2 2F13-06	Groundmass 210-300µm	Savai'i Island, Samoa	Jamie Russell	0.06	28.03	0.01	0.0019093	0.32	1.00378	0.16	1.0177	1.012E-19	30	AUG	2006	18	09	001	OSU2F06	Samoa	06C3007	01	FCT-3
06C3011	0.12 W	SAV-2 2F13-06	Groundmass 210-300µm	Savai'i Island, Samoa	Jamie Russell	0.12	28.03	0.01	0.0019093	0.32	1.00378	0.16	1.0177	1.012E-19	30	AUG	2006	18	40	001	OSU2F06	Samoa	06C3007	01	FCT-3
06C3012	0.18 W	SAV-2 2F13-06	Groundmass 210-300µm	Savai'i Island, Samoa	Anthony Koppers	0.18	28.03	0.01	0.0019093	0.32	1.00378	0.16	1.0176	1.012E-19	30	AUG	2006	19	10	001	OSU2F06	Samoa	06C3007	01	FCT-3
06C3014	0.21 W	SAV-2 2F13-06	Groundmass 210-300µm	Savai'i Island, Samoa	Anthony Koppers	0.21	28.03	0.01	0.0019093	0.32	1.00378	0.16	1.0173	1.012E-19	30	AUG	2006	20	12	001	OSU2F06	Samoa	06C3007	01	FCT-3
06C3015	0.27 W	SAV-2 2F13-06	Groundmass 210-300µm	Savai'i Island, Samoa	Anthony Koppers	0.27	28.03	0.01	0.0019093	0.32	1.00378	0.16	1.0172	1.012E-19	30	AUG	2006	20	42	001	OSU2F06	Samoa	06C3007	01	FCT-3
06C3016	0.31 W	SAV-2 2F13-06	Groundmass 210-300µm	Savai'i Island, Samoa	Anthony Koppers	0.31	28.03	0.01	0.0019093	0.32	1.00378	0.16	1.0171	1.012E-19	30	AUG	2006	21	12	001	OSU2F06	Samoa	06C3007	01	FCT-3
06C3018	0.35 W	SAV-2 2F13-06	Groundmass 210-300µm	Savai'i Island, Samoa	Anthony Koppers	0.35	28.03	0.01	0.0019093	0.32	1.00378	0.16	1.0171	1.012E-19	30	AUG	2006	22	14	001	OSU2F06	Samoa	06C3007	01	FCT-3
06C3019	0.53 W	SAV-2 2F13-06	Groundmass 210-300µm	Savai'i Island, Samoa	Anthony Koppers	0.53	28.03	0.01	0.0019093	0.32	1.00378	0.16	1.0171	1.012E-19	30	AUG	2006	22	46	001	OSU2F06	Samoa	06C3007	01	FCT-3
06C3020	0.59 W	SAV-2 2F13-06	Groundmass 210-300µm	Savai'i Island, Samoa	Anthony Koppers	0.59	28.03	0.01	0.0019093	0.32	1.00378	0.16	1.0169	1.012E-19	30	AUG	2006	23	17	001	OSU2F06	Samoa	06C3007	01	FCT-3
06C3022	0.71 W	SAV-2 2F13-06	Groundmass 210-300µm	Savai'i Island, Samoa	Anthony Koppers	0.71	28.03	0.01	0.0019093	0.32	1.00378	0.16	1.0169	1.012E-19	31	AUG	2006	00	19	001	OSU2F06	Samoa	06C3007	01	FCT-3
06C3023	0.88 W	SAV-2 2F13-06	Groundmass 210-300µm	Savai'i Island, Samoa	Anthony Koppers	0.88	28.03	0.01	0.0019093	0.32	1.00378	0.16	1.0171	1.012E-19	31	AUG	2006	00	50	001	OSU2F06	Samoa	06C3007	01	FCT-3
06C3024	1.00 W	SAV-2 2F13-06	Groundmass 210-300µm	Savai'i Island, Samoa	Anthony Koppers	1	28.03	0.01	0.0019093	0.32	1.00378	0.16	1.0172	1.012E-19	31	AUG	2006	01	22	001	OSU2F06	Samoa	06C3007	01	FCT-3
06C3026	1.24 W	SAV-2 2F13-06	Groundmass 210-300µm	Savai'i Island, Samoa	Anthony Koppers	1.24	28.03	0.01	0.0019093	0.32	1.00378	0.16	1.0172	1.012E-19	31	AUG	2006	02	24	001	OSU2F06	Samoa	06C3007	01	FCT-3
06C3027	1.59 W	SAV-2 2F13-06	Groundmass 210-300µm	Savai'i Island, Samoa	Anthony Koppers	1.59	28.03	0.01	0.0019093	0.32	1.00378	0.16	1.0172	1.012E-19	31	AUG	2006	02	55	001	OSU2F06	Samoa	06C3007	01	FCT-3
06C3028	1.87 W	SAV-2 2F13-06	Groundmass 210-300µm	Savai'i Island, Samoa	Anthony Koppers	1.87	28.03	0.01	0.0019093	0.32	1.00378	0.16	1.0173	1.012E-19	31	AUG	2006	03	26	001	OSU2F06	Samoa	06C3007	01	FCT-3
06C3030	2.48 W	SAV-2 2F13-06	Groundmass 210-300µm	Savai'i Island, Samoa	Anthony Koppers	2.48	28.03	0.01	0.0019093	0.32	1.00378	0.16	1.0171	1.012E-19	31	AUG	2006	04	28	001	OSU2F06	Samoa	06C3007	01	FCT-3
06C3031	3.42 W	SAV-2 2F13-06	Groundmass 210-300µm	Savai'i Island, Samoa	Anthony Koppers	3.42	28.03	0.01	0.0019093	0.32	1.00378	0.16	1.0172	1.012E-19	31	AUG	2006	04	59	001	OSU2F06	Samoa	06C3007	01	FCT-3
06C3032	4.69 W	SAV-2 2F13-06	Groundmass 210-300µm	Savai'i Island, Samoa	Jamie Russell	4.69	28.03	0.01	0.0019093	0.32	1.00378	0.16	1.0172	1.012E-19	31	AUG	2006	05	30	001	OSU2F06	Samoa	06C3007	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
06C3007	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
06C3008	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
06C3010	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
06C3011	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
06C3012	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
06C3014	0.21 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
06C3015	0.27 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
06C3016	0.31 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
06C3018	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
06C3019	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
06C3020	0.59 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
06C3022	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
06C3023	0.88 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
06C3024	1.00 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
06C3026	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
06C3027	1.59 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
06C3028	1.87 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
06C3030	2.48 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
06C3031	3.42 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
06C3032	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

06C3007.AGE >>> SAV-2 2F13-06 >>> SAMOA PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
4.80 ± 0.06
TOTAL FUSION
4.70 ± 0.07
NORMAL ISOCHRON
4.84 ± 0.10
INVERSE ISOCHRON
4.84 ± 0.10

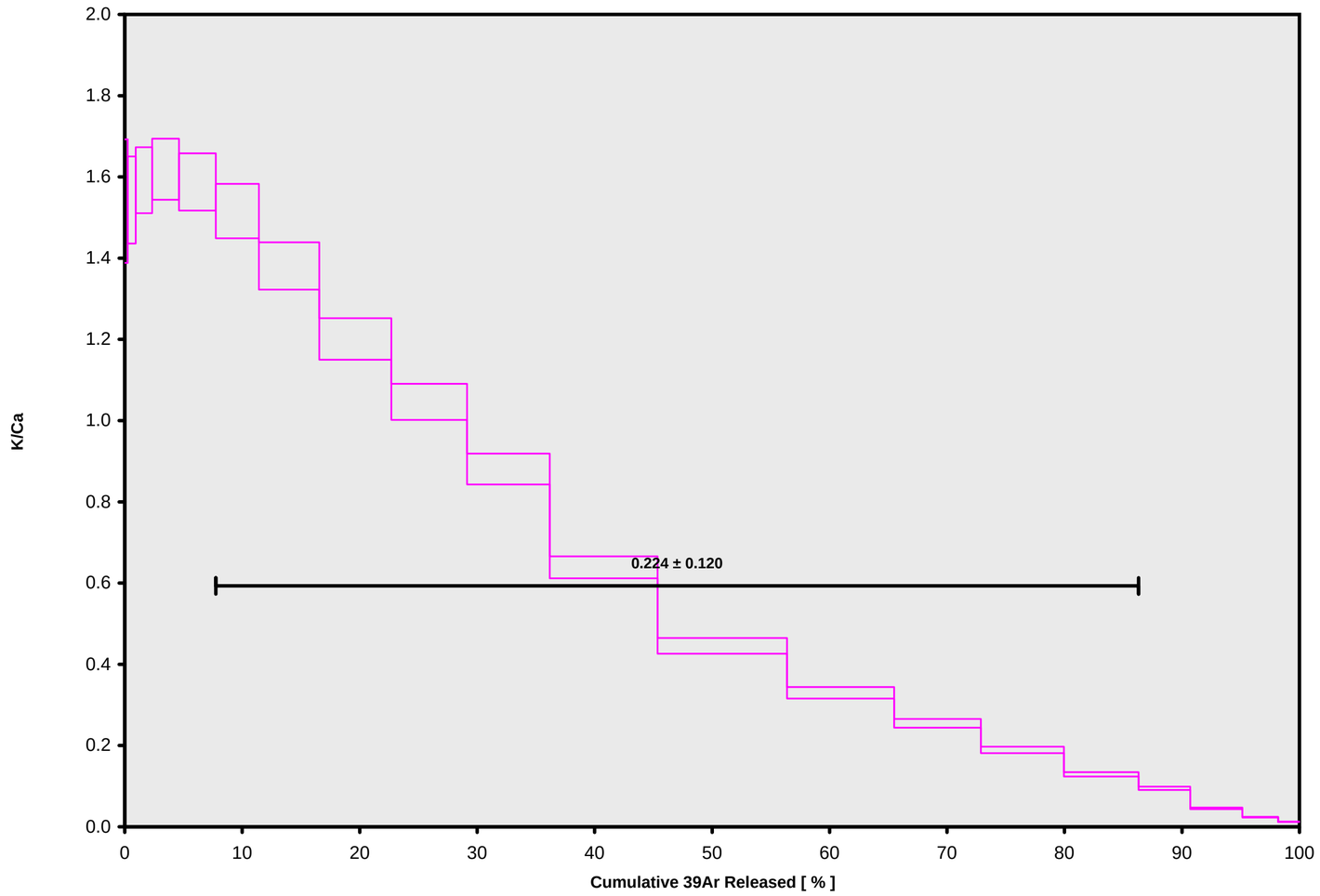
MSWD (PROBABILITY)
0.55 (86%)

Sample Info

Groundmass 210-300µm
Savai'i Island, Samoa
Jamie Russell

IRR = OSU2F06
J = 0.00190930 ± 0.00000611

06C3007.AGE >>> SAV-2 2F13-06 >>> SAMOA PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
4.80 ± 0.06
TOTAL FUSION
4.70 ± 0.07
NORMAL ISOCHRON
4.84 ± 0.10
INVERSE ISOCHRON
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Sample Info

Groundmass 210-300µm
Savai'i Island, Samoa
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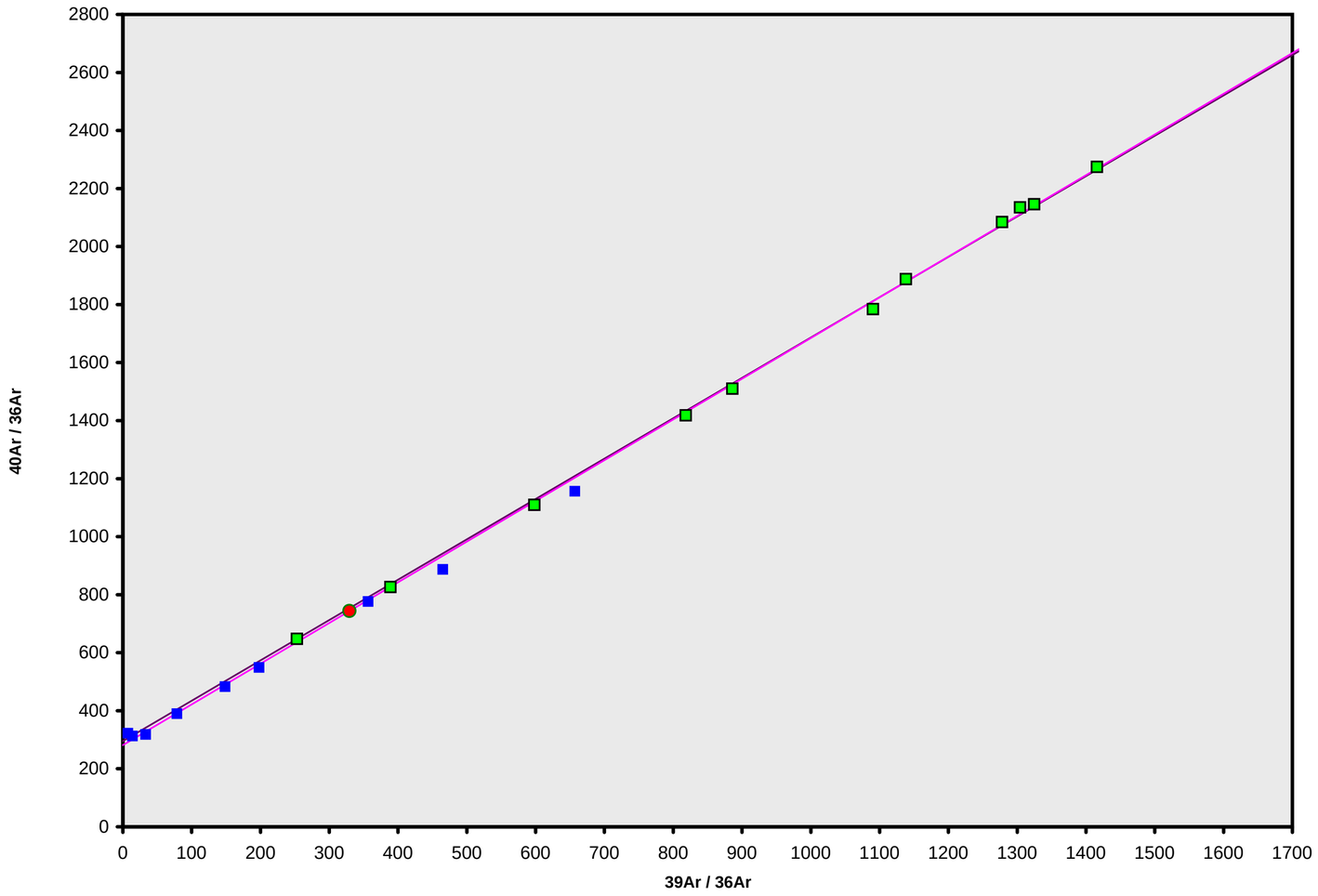


Ar-Ages in Ma

WEIGHTED PLATEAU
4.80 ± 0.06
TOTAL FUSION
4.70 ± 0.07
NORMAL ISOCHRON
4.84 ± 0.10
INVERSE ISOCHRON
4.84 ± 0.10

MSWD (PROBABILITY)
0.49 (88%)

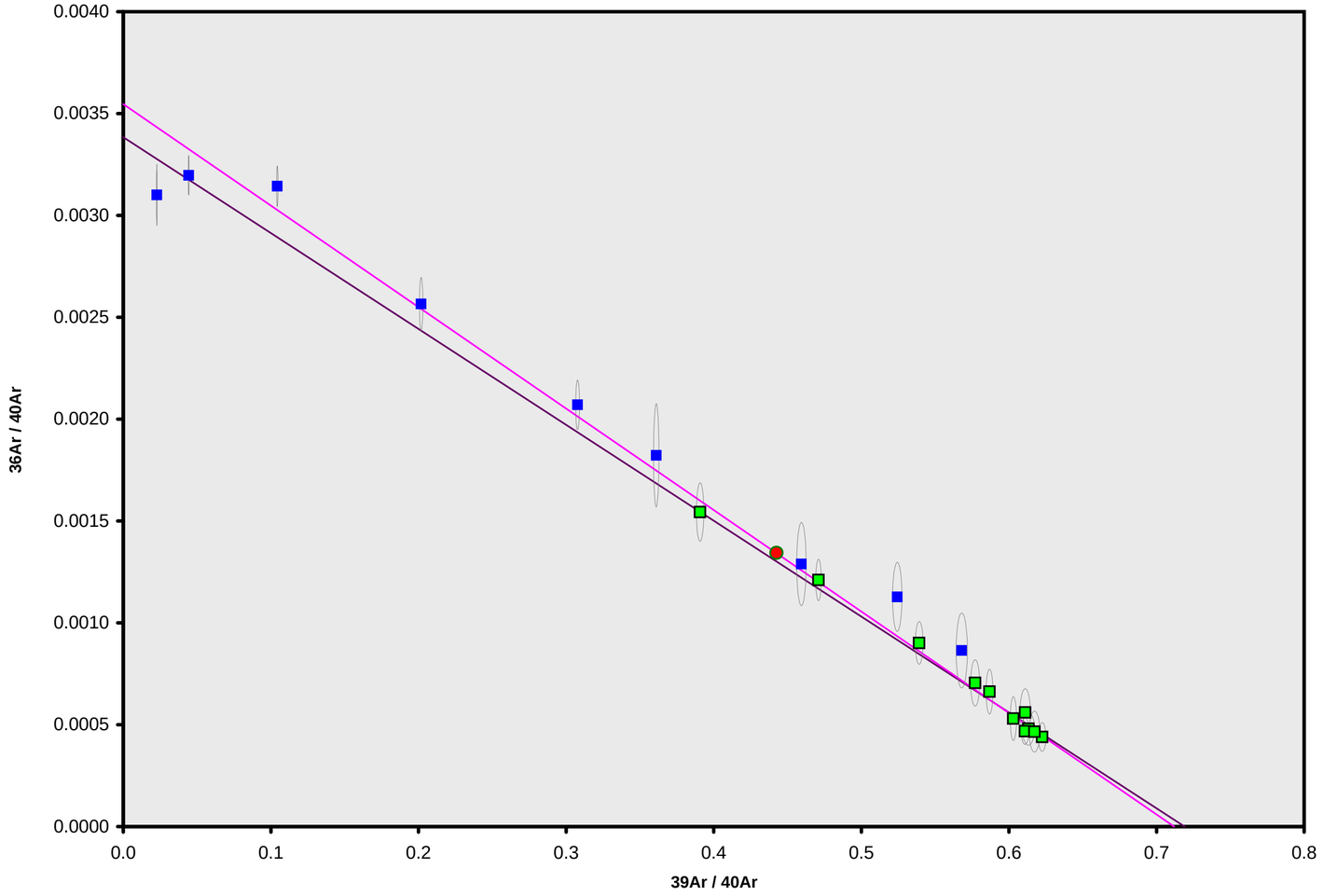
40AR/36AR INTERCEPT
281.5 ± 23.8

Sample Info

Groundmass 210-300µm
Savai'i Island, Samoa
Jamie Russell

IRR = OSU2F06
J = 0.00190930 ± 0.00000611

06C3007.AGE >>> SAV-2 2F13-06 >>> SAMOA PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
4.80 ± 0.06
TOTAL FUSION
4.70 ± 0.07
NORMAL ISOCHRON
4.84 ± 0.10
INVERSE ISOCHRON
4.84 ± 0.10

MSWD (PROBABILITY)
0.48 (89%)

SPREADING FACTOR
32.6%

40AR/36AR INTERCEPT
282.0 ± 23.6

Sample Info

Groundmass 210-300µm
Savai'i Island, Samoa
Jamie Russell

IRR = OSU2F06
J = 0.00190930 ± 0.00000611