Incremental Heating			36Ar(a)	37Ar(ca)	38Ar(cl)	39Ar(k)	40Ar(r)	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
06C3569	0.00 W		0.000181	0.002410	0.000194	0.003380	0.007878	6.89 ± 5.71	12.85	0.24	0.603 ± 0.029
06C3570	0.01 W		0.000132	0.003685	0.000280	0.005375	0.005514	3.04 ± 6.46	12.35	0.37	0.627 ± 0.028
06C3572	0.09 W		0.000086	0.005851	0.000335	0.008680	0.014937	5.09 ± 3.86	37.02	0.60	0.638 ± 0.027
06C3573	0.12 W		0.000061	0.008613	0.000341	0.012398	0.025419	6.06 ± 2.65	58.67	0.86	0.619 ± 0.026
06C3574	0.18 W		0.000054	0.013129	0.000284	0.019020	0.031582	4.91 ± 1.74	66.34	1.32	0.623 ± 0.026
06C3576	0.21 W		0.000059	0.021150	0.000285	0.031402	0.051612	4.86 ± 1.06	74.56	2.19	0.638 ± 0.027
06C3577	0.27 W	✓	0.000081	0.037204	0.000227	0.054400	0.082149	4.47 ± 0.60	77.47	3.79	0.629 ± 0.027
06C3578	0.32 W	✓	0.000065	0.048232	0.000151	0.068080	0.104168	4.53 ± 0.49	84.34	4.74	0.607 ± 0.025
06C3580	0.38 W	✓	0.000061	0.063835	0.000110	0.087753	0.130107	4.39 ± 0.35	87.68	6.11	0.591 ± 0.025
06C3581	0.44 W	✓	0.000036	0.073481	0.000050	0.095672	0.144890	4.48 ± 0.33	93.13	6.66	0.560 ± 0.023
06C3582	0.53 W	✓	0.000069	0.092427	0.000007	0.113600	0.160149	4.17 ± 0.30	88.58	7.91	0.529 ± 0.022
06C3584	0.59 W	✓	0.000065	0.130940	0.000020	0.151961	0.216482	4.21 ± 0.22	91.76	10.59	0.499 ± 0.021
06C3585	0.74 W	✓	0.000065	0.161304	0.000053	0.165470	0.232767	4.16 ± 0.21	92.32	11.53	0.441 ± 0.018
06C3586	0.85 W	✓	0.000047	0.178961	0.000083	0.158343	0.227731	4.25 ± 0.22	94.18	11.03	0.380 ± 0.016
06C3588	1.06 W	✓	0.000063	0.218435	0.000149	0.159770	0.222048	4.11 ± 0.22	92.17	11.13	0.315 ± 0.013
06C3590	1.41 W		0.000100	0.300309	0.000245	0.162031	0.215875	3.94 ± 0.11	87.84	11.29	0.232 ± 0.010
06C3591	1.71 W		0.000061	0.327821	0.000227	0.074041	0.100575	4.02 ± 0.15	84.63	5.16	0.097 ± 0.004
06C3593	2.77 W		0.000113	0.646116	0.000255	0.047394	0.055592	3.47 ± 0.40	62.50	3.30	0.032 ± 0.001
06C3595	4.72 W		0.000103	0.970528	0.000128	0.016789	0.016993	2.99 ± 0.73	35.73	1.17	0.007 ± 0.000
		Σ	0.001502	3.304431	0.003427	1.435559	2.046468				

Information on Analysis

Sample = SAV-6 3E11-06
Material = Groundmass 210-300µm
Location = Savai'i Island, Samoa
Analyst = Jamie Russell
Project = SAMOA
Mass Discrimination Law = LIN
Irradiation = OSU3E06
J = 0.00163760 ± 0.00000524
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	1.4324 ± 0.0310	4.24 ± 0.10	0.86	73.49	0.455 ± 0.077
	± 2.16%	± 2.25%	55%	9	
	Minimal External Error	± 0.12	1.50	2σ Confidence Limit	
	Analytical Error	± 0.09	1.0000	Error Magnification	
Total Fusion Age	1.4256 ± 0.0308	4.22 ± 0.09		19	0.187 ± 0.008
	± 2.16%	± 2.25%			
	Minimal External Error	± 0.12			
	Analytical Error	± 0.09			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
06C3569	0.00 W		18.7 ± 2.3	339.1 ± 41.6	0.9969
06C3570	0.01 W		40.6 ± 12.2	337.1 ± 101.2	0.9989
06C3572	0.09 W		101.0 ± 45.0	469.3 ± 209.3	0.9996
06C3573	0.12 W		204.9 ± 127.6	715.5 ± 445.7	0.9998
06C3574	0.18 W		351.4 ± 245.5	879.0 ± 614.1	0.9999
06C3576	0.21 W		528.5 ± 339.2	1164.2 ± 747.3	0.9999
06C3577	0.27 W	✓	675.4 ± 312.3	1315.4 ± 608.3	0.9999
06C3578	0.32 W	✓	1046.4 ± 612.6	1896.6 ± 1110.4	0.9999
06C3580	0.38 W	✓	1430.1 ± 827.4	2415.8 ± 1397.8	1.0000
06C3581	0.44 W	✓	2683.5 ± 2741.8	4359.6 ± 4454.3	1.0000
06C3582	0.53 W	✓	1640.9 ± 909.0	2608.7 ± 1445.2	1.0000
06C3584	0.59 W	✓	2340.8 ± 1386.5	3630.2 ± 2150.2	0.9999
06C3585	0.74 W	✓	2560.3 ± 1592.9	3897.1 ± 2424.6	1.0000
06C3586	0.85 W	✓	3390.2 ± 2873.0	5171.3 ± 4382.4	1.0000
06C3588	1.06 W	✓	2539.2 ± 1598.9	3824.5 ± 2408.2	1.0000
06C3590	1.41 W		1617.4 ± 338.1	2450.3 ± 512.2	0.9997
06C3591	1.71 W		1206.3 ± 253.3	1934.1 ± 406.1	0.9995
06C3593	2.77 W		420.9 ± 80.4	789.2 ± 150.8	0.9992
06C3595	4.72 W		162.5 ± 21.8	459.9 ± 61.9	0.9947

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	423.3235 ± 209.4250	1.3592 ± 0.1108	4.02 ± 0.33	0.25
No Convergence	± 49.47%	± 8.15%	± 8.17%	97%
			Minimal External Error ± 0.34	
			Analytical Error ± 0.33	

Statistics				
	2σ Confidence Limit	2.07	Convergence	0.0001854938
	Error Magnification	1.0000	Number of Iterations	100
	Number of Data Points	9	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
06C3569	0.00 W		0.055156 ± 0.000530	0.002949 ± 0.000361	0.0198
06C3570	0.01 W		0.120409 ± 0.001720	0.002966 ± 0.000890	0.0223
06C3572	0.09 W		0.215184 ± 0.002684	0.002131 ± 0.000950	0.0151
06C3573	0.12 W		0.286318 ± 0.003093	0.001398 ± 0.000871	0.0110
06C3574	0.18 W		0.399783 ± 0.004185	0.001138 ± 0.000795	0.0098
06C3576	0.21 W		0.453991 ± 0.002967	0.000859 ± 0.000551	0.0068
06C3577	0.27 W	✓	0.513452 ± 0.003824	0.000760 ± 0.000352	0.0049
06C3578	0.32 W	✓	0.551729 ± 0.003685	0.000527 ± 0.000309	0.0038
06C3580	0.38 W	✓	0.591968 ± 0.003304	0.000414 ± 0.000240	0.0045
06C3581	0.44 W	✓	0.615553 ± 0.002942	0.000229 ± 0.000234	0.0018
06C3582	0.53 W	✓	0.628989 ± 0.003390	0.000383 ± 0.000212	0.0037
06C3584	0.59 W	✓	0.644817 ± 0.003839	0.000275 ± 0.000163	0.0042
06C3585	0.74 W	✓	0.656979 ± 0.002956	0.000257 ± 0.000160	0.0019
06C3586	0.85 W	✓	0.655577 ± 0.004078	0.000193 ± 0.000164	0.0011
06C3588	1.06 W	✓	0.663936 ± 0.003338	0.000261 ± 0.000165	0.0020
06C3590	1.41 W		0.660060 ± 0.003159	0.000408 ± 0.000085	0.0086
06C3591	1.71 W		0.623698 ± 0.004271	0.000517 ± 0.000109	0.0190
06C3593	2.77 W		0.533306 ± 0.004195	0.001267 ± 0.000242	0.0323
06C3595	4.72 W		0.353214 ± 0.004896	0.002174 ± 0.000293	0.0888

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	458.2489 ± 243.4283 ± 53.12%	1.3566 ± 0.1117 ± 8.23%	4.01 ± 0.33 ± 8.25%	0.38 92%
			Minimal External Error ± 0.34	
			Analytical Error ± 0.33	

Statistics				
	2σ Confidence Limit	2.07	Convergence	0.0000175947
	Error Magnification	1.0000	Number of Iterations	3
	Number of Data Points	9	Calculated Line	Weighted York-2
	Spreading Factor	20.4%		

Relative Abundances			36Ar	%1σ	37Ar	%1σ	38Ar	%1σ	39Ar	%1σ	40Ar	%1σ	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
06C3569	0.00 W		0.0001814	6.102	0.0024104	1.235	0.0002691	4.208	0.0033817	0.415	0.0612871	0.241	6.89 ± 5.71	12.85	0.24	0.603 ± 0.029
06C3570	0.01 W		0.0001334	14.881	0.0036846	0.880	0.0003702	3.514	0.0053777	0.520	0.0446492	0.489	3.04 ± 6.46	12.35	0.37	0.627 ± 0.028
06C3572	0.09 W		0.0000876	21.886	0.0058513	0.621	0.0004565	3.029	0.0086844	0.422	0.0403530	0.459	5.09 ± 3.86	37.02	0.60	0.638 ± 0.027
06C3573	0.12 W		0.0000629	29.982	0.0086134	0.594	0.0005032	2.785	0.0124044	0.327	0.0433231	0.429	6.06 ± 2.65	58.67	0.86	0.619 ± 0.026
06C3574	0.18 W		0.0000577	32.782	0.0131289	0.506	0.0005248	2.258	0.0190293	0.308	0.0476072	0.423	4.91 ± 1.74	66.34	1.32	0.623 ± 0.026
06C3576	0.21 W		0.0000651	29.280	0.0211499	0.541	0.0006775	2.161	0.0314168	0.188	0.0692202	0.266	4.86 ± 1.06	74.56	2.19	0.638 ± 0.027
06C3577	0.27 W	✓	0.0000906	20.561	0.0372039	0.735	0.0009023	1.260	0.0544265	0.310	0.1060396	0.205	4.47 ± 0.60	77.47	3.79	0.629 ± 0.027
06C3578	0.32 W	✓	0.0000780	24.402	0.0482324	0.527	0.0009889	1.582	0.0681138	0.272	0.1235055	0.191	4.53 ± 0.49	84.34	4.74	0.607 ± 0.025
06C3580	0.38 W	✓	0.0000785	22.601	0.0638346	0.568	0.0011867	1.251	0.0877987	0.203	0.1483849	0.189	4.39 ± 0.35	87.68	6.11	0.591 ± 0.025
06C3581	0.44 W	✓	0.0000554	32.862	0.0734808	0.532	0.0012180	1.068	0.0957242	0.187	0.1555824	0.146	4.48 ± 0.33	93.13	6.66	0.560 ± 0.023
06C3582	0.53 W	✓	0.0000941	20.380	0.0924271	0.533	0.0013984	1.196	0.1136653	0.211	0.1807943	0.165	4.17 ± 0.30	88.58	7.91	0.529 ± 0.022
06C3584	0.59 W	✓	0.0001001	19.197	0.1309401	0.660	0.0018770	1.054	0.1520539	0.227	0.2359160	0.191	4.21 ± 0.22	91.76	10.59	0.499 ± 0.021
06C3585	0.74 W	✓	0.0001080	18.609	0.1613044	0.583	0.0020739	0.827	0.1655842	0.193	0.2521380	0.111	4.16 ± 0.21	92.32	11.53	0.441 ± 0.018
06C3586	0.85 W	✓	0.0000949	20.861	0.1789610	0.611	0.0020153	0.893	0.1584698	0.287	0.2417936	0.116	4.25 ± 0.22	94.18	11.03	0.380 ± 0.016
06C3588	1.06 W	✓	0.0001217	16.276	0.2184348	0.550	0.0021024	0.793	0.1599252	0.218	0.2409048	0.121	4.11 ± 0.22	92.17	11.13	0.315 ± 0.013
06C3590	1.41 W		0.0001810	5.778	0.3003094	0.509	0.0022358	0.727	0.1622437	0.188	0.2457463	0.144	3.94 ± 0.11	87.84	11.29	0.232 ± 0.010
06C3591	1.71 W		0.0001496	4.287	0.3278207	0.602	0.0011457	1.173	0.0742734	0.221	0.1188350	0.260	4.02 ± 0.15	84.63	5.16	0.097 ± 0.004
06C3593	2.77 W		0.0002864	3.735	0.6461156	0.496	0.0008711	1.518	0.0478522	0.179	0.0889466	0.348	3.47 ± 0.40	62.50	3.30	0.032 ± 0.001
06C3595	4.72 W		0.0003644	1.843	0.9705279	0.524	0.0003818	3.050	0.0174772	0.236	0.0475600	0.643	2.99 ± 0.73	35.73	1.17	0.007 ± 0.000
		Σ	0.0023908	3.116	3.3044313	0.208	0.0211983	0.303	1.4379022	0.065	2.4925866	0.047				

Information on Analysis and Constants Used in Calculations

Sample = SAV-6 3E11-06
Material = Groundmass 210-300µm
Location = Savai'i Island, Samoa
Analyst = Jamie Russell
Project = SAMOA
Mass Discrimination Law = LIN
Irradiation = OSU3E06
J = 0.00163760 ± 0.00000524
FCT-3 = 28.030 ± 0.003 Ma
IGSN = KOP000012
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°58.7'S - 172°44.4'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	1.4324 ± 0.0310 (± 2.16%)	4.24 ± 0.10 (± 2.25%)	0.86	73.49	0.455 ± 0.077
			55%	9	
	Minimal External Error ± 0.12		1.50	2σ Confidence Limit	
	Analytical Error ± 0.09		1.0000	Error Magnification	
Total Fusion Age	1.4256 ± 0.0308 (± 2.16%)	4.22 ± 0.09 (± 2.25%)		19	0.187 ± 0.008
	Minimal External Error ± 0.12				
	Analytical Error ± 0.09				
Normal Isochron	1.3592 ± 0.1108 (± 8.15%)	4.02 ± 0.33 (± 8.17%)	0.25	73.49	
			97%	9	
No Convergence	Minimal External Error ± 0.34		2.07	2σ Confidence Limit	
	Analytical Error ± 0.33		1.0000	Error Magnification	
Inverse Isochron	1.3566 ± 0.1117 (± 8.23%)	4.01 ± 0.33 (± 8.25%)	0.38	73.49	
			92%	9	
	Minimal External Error ± 0.34		2.07	2σ Confidence Limit	
	Analytical Error ± 0.33		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
06C3569	0.00 W		0.000181	6.12	0.000000	0.00	0.000001	1.29	0.000000	8.01	0.002410	1.23	0.000034	6.12	0.000000	0.00	0.000041	0.43	0.000000	21.93	0.000194	9.65	0.003380	0.41	0.000002	2.21	0.007878	41.56	0.053404	6.12	0.000000	0.00	0.000006	24.90
06C3570	0.01 W		0.000132	14.99	0.000000	0.00	0.000001	0.95	0.000000	7.23	0.003685	0.88	0.000025	14.99	0.000000	0.00	0.000065	0.53	0.000000	21.92	0.000280	9.02	0.005375	0.52	0.000003	2.03	0.005514	106.46	0.039126	14.99	0.000000	0.00	0.000009	24.91
06C3572	0.09 W		0.000086	22.29	0.000000	0.00	0.000002	0.72	0.000000	6.87	0.005851	0.62	0.000016	22.29	0.000000	0.00	0.000105	0.43	0.000000	21.91	0.000335	8.73	0.008680	0.42	0.000004	1.93	0.014937	37.93	0.025402	22.29	0.000000	0.00	0.000014	24.90
06C3573	0.12 W		0.000061	31.14	0.000000	0.00	0.000002	0.70	0.000000	6.85	0.008613	0.59	0.000011	31.14	0.000000	0.00	0.000150	0.34	0.000000	21.91	0.000341	8.71	0.012398	0.33	0.000006	1.92	0.025419	21.92	0.017884	31.14	0.000000	0.00	0.000020	24.90
06C3574	0.18 W		0.000054	34.93	0.000000	0.00	0.000004	0.63	0.000000	6.93	0.013129	0.51	0.000010	34.93	0.000000	0.00	0.000230	0.32	0.000000	21.91	0.000284	8.78	0.019020	0.31	0.000009	1.90	0.031582	17.70	0.015994	34.93	0.000000	0.00	0.000031	24.90
06C3576	0.21 W		0.000059	32.09	0.000000	0.00	0.000006	0.66	0.000000	7.55	0.021150	0.54	0.000011	32.09	0.000000	0.00	0.000380	0.21	0.000001	21.91	0.000285	9.27	0.031402	0.19	0.000015	1.91	0.051612	10.92	0.017556	32.09	0.000000	0.00	0.000052	24.90
06C3577	0.27 W	✓	0.000081	23.12	0.000000	0.00	0.000010	0.82	0.000000	7.57	0.037204	0.74	0.000015	23.12	0.000000	0.00	0.000659	0.33	0.000001	21.91	0.000227	9.29	0.054400	0.31	0.000026	1.97	0.082149	6.70	0.023801	23.12	0.000000	0.00	0.000090	24.90
06C3578	0.32 W	✓	0.000065	29.27	0.000000	0.00	0.000013	0.64	0.000000	12.04	0.048232	0.53	0.000012	29.27	0.000000	0.00	0.000824	0.29	0.000002	21.91	0.000151	13.19	0.068080	0.27	0.000034	1.90	0.104168	5.41	0.019225	29.27	0.000000	0.00	0.000112	24.90
06C3580	0.38 W	✓	0.000061	28.93	0.000000	0.00	0.000017	0.68	0.000000	14.95	0.063835	0.57	0.000011	28.93	0.000000	0.00	0.001063	0.23	0.000002	21.91	0.000110	15.89	0.087753	0.20	0.000045	1.92	0.130107	4.04	0.018133	28.93	0.000000	0.00	0.000145	24.90
06C3581	0.44 W	✓	0.000036	51.09	0.000000	0.00	0.000020	0.65	0.000000	27.69	0.073481	0.53	0.000007	51.09	0.000000	0.00	0.001159	0.21	0.000002	21.91	0.000050	28.21	0.095672	0.19	0.000052	1.91	0.144890	3.72	0.010535	51.09	0.000000	0.00	0.000158	24.90
06C3582	0.53 W	✓	0.000069	27.70	0.000000	0.00	0.000025	0.65	0.000000	257.41	0.092427	0.53	0.000013	27.70	0.000000	0.00	0.001376	0.23	0.000003	21.91	0.000007	257.46	0.113600	0.21	0.000066	1.91	0.160149	3.54	0.020458	27.70	0.000000	0.00	0.000187	24.90
06C3584	0.59 W	✓	0.000065	29.62	0.000000	0.00	0.000035	0.76	0.000000	101.03	0.130940	0.66	0.000012	29.62	0.000000	0.00	0.001840	0.25	0.000004	21.91	0.000020	101.17	0.151961	0.23	0.000093	1.95	0.216482	2.63	0.019183	29.62	0.000000	0.00	0.000251	24.90
06C3585	0.74 W	✓	0.000065	31.11	0.000000	0.00	0.000043	0.69	0.000000	34.76	0.161304	0.58	0.000012	31.11	0.000000	0.00	0.002004	0.22	0.000005	21.91	0.000053	35.17	0.165470	0.19	0.000114	1.92	0.232767	2.56	0.019098	31.11	0.000000	0.00	0.000273	24.90
06C3586	0.85 W	✓	0.000047	42.37	0.000000	0.00	0.000048	0.71	0.000000	23.81	0.178961	0.61	0.000009	42.37	0.000000	0.00	0.001918	0.30	0.000006	21.91	0.000083	24.41	0.158343	0.29	0.000127	1.93	0.227731	2.57	0.013802	42.37	0.000000	0.00	0.000261	24.90
06C3588	1.06 W	✓	0.000063	31.48	0.000000	0.00	0.000059	0.66	0.000000	13.10	0.218435	0.55	0.000012	31.48	0.000000	0.00	0.001935	0.24	0.000007	21.91	0.000149	14.16	0.159770	0.22	0.000155	1.91	0.222048	2.64	0.018593	31.48	0.000000	0.00	0.000264	24.90
06C3590	1.41 W		0.000100	10.45	0.000000	0.00	0.000081	0.63	0.000000	8.79	0.300309	0.51	0.000019	10.45	0.000000	0.00	0.001962	0.21	0.000010	21.91	0.000245	10.30	0.162031	0.19	0.000213	1.90	0.215875	1.44	0.029604	10.45	0.000000	0.00	0.000267	24.90
06C3591	1.71 W		0.000061	10.50	0.000000	0.00	0.000088	0.71	0.000000	8.14	0.327821	0.60	0.000011	10.50	0.000000	0.00	0.000897	0.24	0.000010	21.91	0.000227	9.76	0.074041	0.22	0.000232	1.93	0.100575	1.92	0.018138	10.50	0.000000	0.00	0.000122	24.90
06C3593	2.77 W		0.000113	9.55	0.000000	0.00	0.000174	0.62	0.000000	7.73	0.646116	0.50	0.000021	9.55	0.000000	0.00	0.000574	0.21	0.000021	21.91	0.000255	9.42	0.047394	0.18	0.000458	1.90	0.055592	5.74	0.033276	9.55	0.000000	0.00	0.000078	24.90
06C3595	4.72 W		0.000103	6.70	0.000000	0.00	0.000261	0.64	0.000000	11.88	0.970528	0.52	0.000019	6.70	0.000000	0.00	0.000203	0.28	0.000031	21.91	0.000128	13.04	0.016789	0.26	0.000688	1.90	0.016993	12.17	0.030539	6.70	0.000000	0.00	0.000028	24.90
		Σ	0.001502	4.96	0.000000	0.00	0.000889	0.25	0.000000	2.43	3.304431	0.21	0.000281	4.96	0.000000	0.00	0.017385	0.07	0.000106	8.65	0.003427	2.82	1.435559	0.07	0.002343	0.75	2.046468	1.08	0.443750	4.96	0.000000	0.00	0.002369	7.24
		Σ							0.002391	3.12	3.304431	0.21									0.021198	0.47			1.437902	0.07							2.492587	1.25

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)
06C3569	0.00 W		2.330680	0.96859	0.061281	0.00015	18.122910	0.08697	0.712774	0.00928	0.053636	0.00328	30.652	1.83658512	1.00021719	6.202E-21
06C3570	0.01 W		1.025897	1.09223	0.044640	0.00022	8.302676	0.05929	0.685161	0.00700	0.024809	0.00369	30.673	1.83734103	1.00021733	4.519E-21
06C3572	0.09 W		1.720822	0.65273	0.040339	0.00019	4.646615	0.02897	0.673767	0.00506	0.010082	0.00221	30.715	1.83885378	1.00021763	4.084E-21
06C3573	0.12 W		2.050196	0.44948	0.043303	0.00019	3.492556	0.01885	0.694383	0.00471	0.005067	0.00152	30.735	1.83961063	1.00021777	4.384E-21
06C3574	0.18 W		1.660454	0.29398	0.047576	0.00020	2.501785	0.01308	0.689929	0.00409	0.003031	0.00099	30.756	1.84036778	1.00021792	4.818E-21
06C3576	0.21 W		1.643595	0.17955	0.069168	0.00018	2.203284	0.00718	0.673203	0.00385	0.002073	0.00061	30.797	1.84185777	1.00021821	7.005E-21
06C3577	0.27 W	✓	1.510093	0.10134	0.105950	0.00022	1.948308	0.00724	0.683563	0.00545	0.001664	0.00034	30.818	1.84261585	1.00021836	1.073E-20
06C3578	0.32 W	✓	1.530093	0.08284	0.123393	0.00024	1.813224	0.00604	0.708116	0.00420	0.001146	0.00028	30.839	1.84337424	1.00021851	1.250E-20
06C3580	0.38 W	✓	1.482648	0.05994	0.148240	0.00028	1.690059	0.00469	0.727056	0.00438	0.000895	0.00020	30.881	1.84489196	1.00021880	1.502E-20
06C3581	0.44 W	✓	1.514440	0.05638	0.155425	0.00023	1.625320	0.00386	0.767631	0.00433	0.000579	0.00019	30.901	1.84565129	1.00021895	1.574E-20
06C3582	0.53 W	✓	1.409763	0.05004	0.180607	0.00030	1.590585	0.00426	0.813152	0.00466	0.000828	0.00017	30.923	1.84643626	1.00021910	1.830E-20
06C3584	0.59 W	✓	1.424587	0.03765	0.235665	0.00045	1.551529	0.00460	0.861142	0.00601	0.000659	0.00013	30.964	1.84793115	1.00021939	2.387E-20
06C3585	0.74 W	✓	1.406703	0.03605	0.251865	0.00029	1.522717	0.00340	0.974153	0.00598	0.000652	0.00012	30.985	1.84869173	1.00021953	2.552E-20
06C3586	0.85 W	✓	1.438211	0.03721	0.241532	0.00029	1.525802	0.00472	1.129307	0.00762	0.000599	0.00012	31.006	1.84945263	1.00021968	2.447E-20
06C3588	1.06 W	✓	1.389795	0.03681	0.240641	0.00030	1.506359	0.00376	1.365857	0.00808	0.000761	0.00012	31.047	1.85097535	1.00021998	2.438E-20
06C3590	1.41 W		1.332310	0.01939	0.245479	0.00036	1.514674	0.00360	1.850978	0.01004	0.001115	0.00006	31.608	1.87157827	1.00022393	2.487E-20
06C3591	1.71 W		1.358371	0.02622	0.118713	0.00031	1.599967	0.00545	4.413705	0.02828	0.002014	0.00009	31.628	1.87234858	1.00022408	1.203E-20
06C3593	2.77 W		1.172976	0.06739	0.088868	0.00031	1.858780	0.00727	13.502327	0.07124	0.005986	0.00022	31.670	1.87389016	1.00022437	9.001E-21
06C3595	4.72 W		1.012173	0.12318	0.047532	0.00031	2.721262	0.01864	55.531128	0.31896	0.020852	0.00039	31.713	1.87548445	1.00022468	4.813E-21

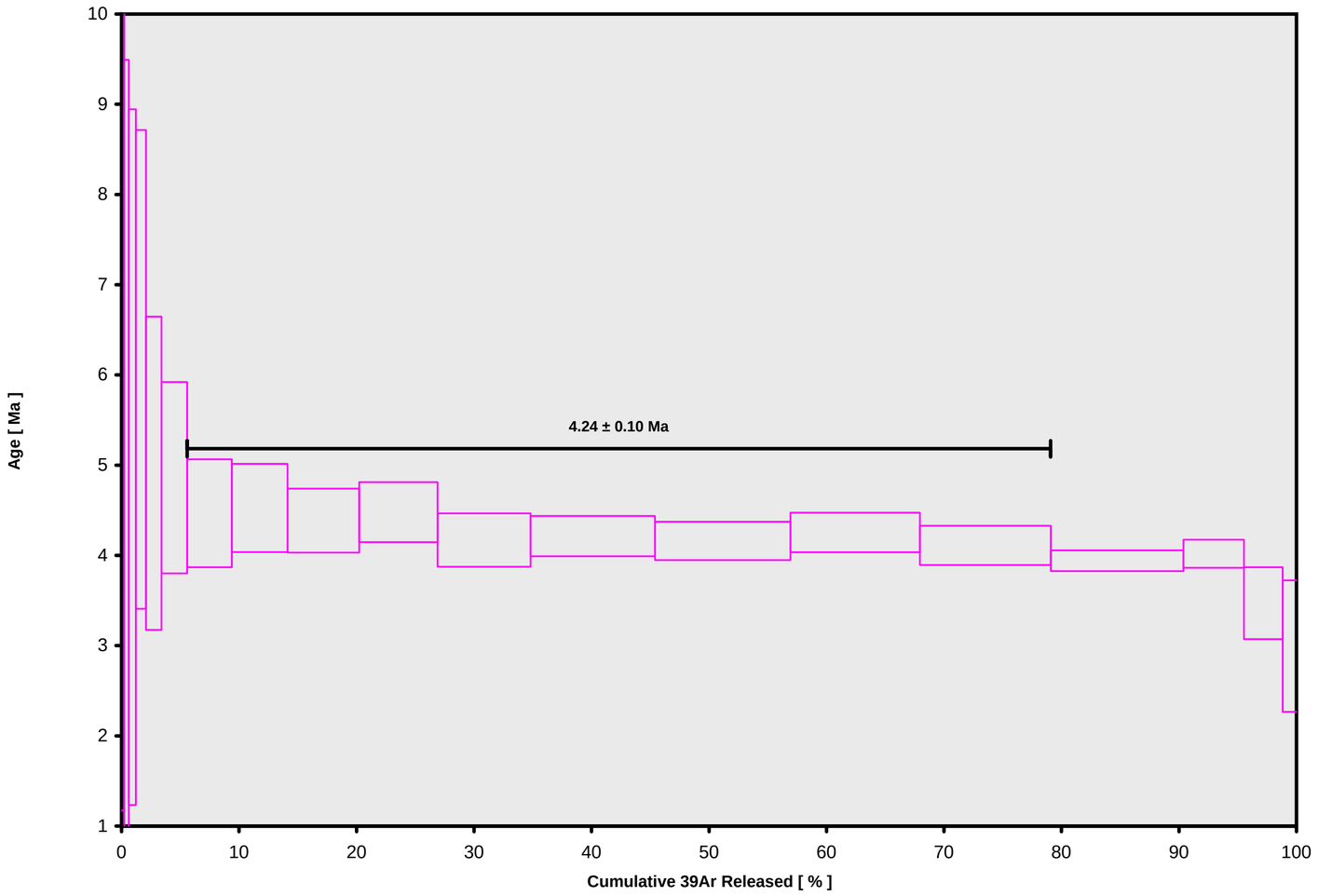
Procedure Blanks		36Ar	1σ	37Ar	1σ	38Ar	1σ	39Ar	1σ	40Ar	1σ
06C3569	0.00 W	0.000019	0.000009	0.000004	0.000008	0.000000	0.000004	0.000000	0.000006	0.004635	0.000023
06C3570	0.01 W	0.000016	0.000019	0.000022	0.000007	0.000004	0.000008	0.000055	0.000018	0.004959	0.000183
06C3572	0.09 W	0.000026	0.000018	0.000027	0.000007	0.000004	0.000008	0.000036	0.000018	0.005580	0.000178
06C3573	0.12 W	0.000028	0.000018	0.000029	0.000007	0.000007	0.000008	0.000030	0.000017	0.005758	0.000176
06C3574	0.18 W	0.000028	0.000018	0.000030	0.000007	0.000009	0.000008	0.000026	0.000017	0.005862	0.000175
06C3576	0.21 W	0.000025	0.000017	0.000030	0.000007	0.000010	0.000008	0.000023	0.000017	0.005885	0.000172
06C3577	0.27 W	0.000022	0.000017	0.000030	0.000007	0.000010	0.000008	0.000024	0.000017	0.005823	0.000171
06C3578	0.32 W	0.000019	0.000017	0.000029	0.000007	0.000010	0.000008	0.000026	0.000017	0.005726	0.000171
06C3580	0.38 W	0.000014	0.000017	0.000028	0.000007	0.000008	0.000008	0.000032	0.000017	0.005460	0.000171
06C3581	0.44 W	0.000012	0.000017	0.000027	0.000007	0.000007	0.000008	0.000035	0.000017	0.005313	0.000171
06C3582	0.53 W	0.000010	0.000017	0.000027	0.000007	0.000006	0.000008	0.000039	0.000017	0.005163	0.000172
06C3584	0.59 W	0.000012	0.000018	0.000027	0.000007	0.000003	0.000008	0.000045	0.000017	0.004924	0.000175
06C3585	0.74 W	0.000015	0.000018	0.000027	0.000007	0.000002	0.000008	0.000046	0.000017	0.004845	0.000176
06C3586	0.85 W	0.000020	0.000018	0.000028	0.000007	0.000002	0.000008	0.000047	0.000018	0.004808	0.000178
06C3588	1.06 W	0.000038	0.000019	0.000032	0.000007	0.000002	0.000008	0.000044	0.000018	0.004898	0.000183
06C3590	1.41 W	0.000026	0.000005	0.000207	0.000044	0.000012	0.000008	0.000059	0.000009	0.004671	0.000300
06C3591	1.71 W	0.000026	0.000005	0.000207	0.000044	0.000012	0.000008	0.000059	0.000009	0.004671	0.000300
06C3593	2.77 W	0.000026	0.000005	0.000207	0.000044	0.000012	0.000008	0.000059	0.000009	0.004671	0.000300
06C3595	4.72 W	0.000026	0.000005	0.000207	0.000044	0.000012	0.000008	0.000059	0.000009	0.004671	0.000300

Intercept Values		36Ar	1σ	r2		37Ar	1σ	r2		38Ar	1σ	r2		39Ar	1σ	r2		40Ar	1σ	r2	
06C3569	0.00 W	0.000200	0.000006	0.3293	LIN #	0.001313	0.000013	0.5705	LIN #	0.000267	0.000010	0.0031	LIN #	0.003346	0.000011	0.9929	LIN #	0.064993	0.000144	0.9349	LIN # 1 2
06C3570	0.01 W	0.000149	0.000008	0.0623	LIN # 1	0.002021	0.000013	0.9208	LIN # 5 7	0.000371	0.000010	0.3113	LIN #	0.005373	0.000019	0.9271	LIN #	0.048894	0.000117	0.9813	LIN # 1 2
06C3572	0.09 W	0.000113	0.000007	0.2932	LIN #	0.003198	0.000010	0.9795	LIN # 6	0.000457	0.000011	0.2326	LIN #	0.008622	0.000029	0.0841	LIN #	0.045258	0.000049	0.9975	LIN # 1 2 10
06C3573	0.12 W	0.000090	0.000007	0.6828	LIN # 1	0.004696	0.000014	0.9794	EXP #	0.000506	0.000011	0.1704	LIN #	0.012299	0.000031	0.7741	LIN # 1	0.048375	0.000058	0.9961	LIN # 1
06C3574	0.18 W	0.000085	0.000007	0.1028	LIN #	0.007141	0.000008	0.9972	EXP # 10	0.000530	0.000008	0.4216	LIN #	0.018849	0.000046	0.9604	LIN # 1	0.052705	0.000099	0.9895	LIN # 1 2 9
06C3576	0.21 W	0.000090	0.000008	0.2175	LIN #	0.011477	0.000027	0.9850	LIN #	0.000683	0.000012	0.3375	LIN #	0.031101	0.000026	0.9968	EXP # 8	0.074031	0.000065	0.9800	EXP # 4
06C3577	0.27 W	0.000113	0.000007	0.0001	LIN #	0.020155	0.000111	0.9375	LIN #	0.000906	0.000007	0.5055	LIN # 12	0.053858	0.000142	0.9794	LIN # 1 2	0.110253	0.000132	0.0205	LIN # 1
06C3578	0.32 W	0.000097	0.000008	0.2892	LIN #	0.026110	0.000054	0.9910	LIN # 7 9	0.000992	0.000013	0.3629	LIN #	0.067398	0.000148	0.9814	LIN # 1 2	0.127371	0.000161	0.5908	LIN #
06C3580	0.38 W	0.000092	0.000005	0.5410	LIN #	0.034524	0.000102	0.9809	LIN #	0.001187	0.000012	0.6247	LIN # 9	0.086892	0.000108	0.9922	LIN #	0.151661	0.000220	0.7033	LIN # 8
06C3581	0.44 W	0.000067	0.000006	0.7651	LIN #	0.039708	0.000087	0.9896	EXP # 5	0.001216	0.000009	0.7542	LIN #	0.094708	0.000090	0.9965	EXP # 4 12	0.158564	0.000148	0.9575	LIN # 5 7 8
06C3582	0.53 W	0.000104	0.000008	0.0967	LIN #	0.049908	0.000110	0.9892	LIN # 6	0.001394	0.000014	0.5385	LIN #	0.112434	0.000154	0.9934	LIN #	0.183227	0.000240	0.9395	LIN #
06C3584	0.59 W	0.000112	0.000008	0.2204	LIN #	0.070670	0.000317	0.9323	LIN # 1	0.001868	0.000017	0.6174	LIN #	0.150473	0.000241	0.9935	LIN # 1 3	0.237421	0.000409	0.9550	LIN # 1 2 11
06C3585	0.74 W	0.000123	0.000010	0.2582	LIN #	0.087034	0.000282	0.9624	LIN #	0.002063	0.000013	0.8587	LIN # 1 2 12	0.163893	0.000177	0.9965	LIN # 1 10	0.253385	0.000216	0.9827	LIN # 2
06C3586	0.85 W	0.000115	0.000009	0.5520	LIN #	0.096500	0.000359	0.9670	LIN # 5	0.002003	0.000014	0.7722	LIN #	0.156823	0.000373	0.9839	LIN # 1 2 9	0.243101	0.000215	0.9820	LIN # 3
06C3588	1.06 W	0.000159	0.000008	0.0725	LIN #	0.117674	0.000306	0.9852	LIN # 2 12	0.002090	0.000013	0.8437	LIN #	0.158244	0.000234	0.9906	LIN #	0.242290	0.000225	0.9761	LIN # 7 8
06C3590	1.41 W	0.000207	0.000009	0.0022	LIN #	0.160241	0.000243	0.9925	LIN # 10	0.002233	0.000012	0.7566	LIN # 11	0.160631	0.000160	0.9958	EXP #	0.246960	0.000187	0.9873	EXP #
06C3591	1.71 W	0.000175	0.000005	0.7689	LIN # 8	0.174813	0.000621	0.9711	LIN #	0.001150	0.000010	0.4986	LIN #	0.073560	0.000111	0.9894	LIN #	0.121789	0.000071	0.7096	LIN # 6 10
06C3593	2.77 W	0.000312	0.000010	0.0014	LIN #	0.343997	0.000360	0.9969	LIN # 12	0.000877	0.000010	0.3945	LIN #	0.047404	0.000037	0.9955	LIN # 9	0.092298	0.000073	0.9939	LIN # 11
06C3595	4.72 W	0.000390	0.000004	0.4287	LIN #	0.516124	0.001019	0.9907	LIN # 1	0.000391	0.000009	0.5892	LIN #	0.017349	0.000029	0.7801	LIN # 1	0.051490	0.000057	0.9992	LIN #

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
06C3569	0.00 W	SAV-6 3E11-06	Groundmass 210-300µm	Savai'i Island, Samoa	Jamie Russell	0	28.03	0.01	0.0016376	0.32	1.00378	0.16	1.0143	1.012E-19	27	OCT	2006	06	07	001	OSU3E06	Samoa	06C3569	01	FCT-3
06C3570	0.01 W	SAV-6 3E11-06	Groundmass 210-300µm	Savai'i Island, Samoa	Jamie Russell	0.01	28.03	0.01	0.0016376	0.32	1.00378	0.16	1.0146	1.012E-19	27	OCT	2006	06	37	001	OSU3E06	Samoa	06C3569	01	FCT-3
06C3572	0.09 W	SAV-6 3E11-06	Groundmass 210-300µm	Savai'i Island, Samoa	Jamie Russell	0.09	28.03	0.01	0.0016376	0.32	1.00378	0.16	1.0149	1.012E-19	27	OCT	2006	07	37	001	OSU3E06	Samoa	06C3569	01	FCT-3
06C3573	0.12 W	SAV-6 3E11-06	Groundmass 210-300µm	Savai'i Island, Samoa	Jamie Russell	0.12	28.03	0.01	0.0016376	0.32	1.00378	0.16	1.0146	1.012E-19	27	OCT	2006	08	07	001	OSU3E06	Samoa	06C3569	01	FCT-3
06C3574	0.18 W	SAV-6 3E11-06	Groundmass 210-300µm	Savai'i Island, Samoa	Jamie Russell	0.18	28.03	0.01	0.0016376	0.32	1.00378	0.16	1.0145	1.012E-19	27	OCT	2006	08	37	001	OSU3E06	Samoa	06C3569	01	FCT-3
06C3576	0.21 W	SAV-6 3E11-06	Groundmass 210-300µm	Savai'i Island, Samoa	Jamie Russell	0.21	28.03	0.01	0.0016376	0.32	1.00378	0.16	1.0145	1.012E-19	27	OCT	2006	09	36	001	OSU3E06	Samoa	06C3569	01	FCT-3
06C3577	0.27 W	SAV-6 3E11-06	Groundmass 210-300µm	Savai'i Island, Samoa	Jamie Russell	0.27	28.03	0.01	0.0016376	0.32	1.00378	0.16	1.0146	1.012E-19	27	OCT	2006	10	06	001	OSU3E06	Samoa	06C3569	01	FCT-3
06C3578	0.32 W	SAV-6 3E11-06	Groundmass 210-300µm	Savai'i Island, Samoa	Jamie Russell	0.32	28.03	0.01	0.0016376	0.32	1.00378	0.16	1.0146	1.012E-19	27	OCT	2006	10	36	001	OSU3E06	Samoa	06C3569	01	FCT-3
06C3580	0.38 W	SAV-6 3E11-06	Groundmass 210-300µm	Savai'i Island, Samoa	Jamie Russell	0.38	28.03	0.01	0.0016376	0.32	1.00378	0.16	1.0144	1.012E-19	27	OCT	2006	11	36	001	OSU3E06	Samoa	06C3569	01	FCT-3
06C3581	0.44 W	SAV-6 3E11-06	Groundmass 210-300µm	Savai'i Island, Samoa	Jamie Russell	0.44	28.03	0.01	0.0016376	0.32	1.00378	0.16	1.0147	1.012E-19	27	OCT	2006	12	06	001	OSU3E06	Samoa	06C3569	01	FCT-3
06C3582	0.53 W	SAV-6 3E11-06	Groundmass 210-300µm	Savai'i Island, Samoa	Jamie Russell	0.53	28.03	0.01	0.0016376	0.32	1.00378	0.16	1.0149	1.012E-19	27	OCT	2006	12	37	001	OSU3E06	Samoa	06C3569	01	FCT-3
06C3584	0.59 W	SAV-6 3E11-06	Groundmass 210-300µm	Savai'i Island, Samoa	Jamie Russell	0.59	28.03	0.01	0.0016376	0.32	1.00378	0.16	1.0144	1.012E-19	27	OCT	2006	13	36	001	OSU3E06	Samoa	06C3569	01	FCT-3
06C3585	0.74 W	SAV-6 3E11-06	Groundmass 210-300µm	Savai'i Island, Samoa	Jamie Russell	0.74	28.03	0.01	0.0016376	0.32	1.00378	0.16	1.0142	1.012E-19	27	OCT	2006	14	06	001	OSU3E06	Samoa	06C3569	01	FCT-3
06C3586	0.85 W	SAV-6 3E11-06	Groundmass 210-300µm	Savai'i Island, Samoa	Jamie Russell	0.85	28.03	0.01	0.0016376	0.32	1.00378	0.16	1.0144	1.012E-19	27	OCT	2006	14	36	001	OSU3E06	Samoa	06C3569	01	FCT-3
06C3588	1.06 W	SAV-6 3E11-06	Groundmass 210-300µm	Savai'i Island, Samoa	Jamie Russell	1.06	28.03	0.01	0.0016376	0.32	1.00378	0.16	1.0145	1.012E-19	27	OCT	2006	15	36	001	OSU3E06	Samoa	06C3569	01	FCT-3
06C3590	1.41 W	SAV-6 3E11-06	Groundmass 210-300µm	Savai'i Island, Samoa	Jamie Russell	1.41	28.03	0.01	0.0016376	0.32	1.00378	0.16	1.014	1.012E-19	28	OCT	2006	05	03	001	OSU3E06	Samoa	06C3569	01	FCT-3
06C3591	1.71 W	SAV-6 3E11-06	Groundmass 210-300µm	Savai'i Island, Samoa	Jamie Russell	1.71	28.03	0.01	0.0016376	0.32	1.00378	0.16	1.0141	1.012E-19	28	OCT	2006	05	33	001	OSU3E06	Samoa	06C3569	01	FCT-3
06C3593	2.77 W	SAV-6 3E11-06	Groundmass 210-300µm	Savai'i Island, Samoa	Jamie Russell	2.77	28.03	0.01	0.0016376	0.32	1.00378	0.16	1.0143	1.012E-19	28	OCT	2006	06	33	001	OSU3E06	Samoa	06C3569	01	FCT-3
06C3595	4.72 W	SAV-6 3E11-06	Groundmass 210-300µm	Savai'i Island, Samoa	Jamie Russell	4.72	28.03	0.01	0.0016376	0.32	1.00378	0.16	1.0144	1.012E-19	28	OCT	2006	07	35	001	OSU3E06	Samoa	06C3569	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
06C3569	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
06C3570	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
06C3572	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
06C3573	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
06C3574	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
06C3576	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
06C3577	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
06C3578	0.32 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
06C3580	0.38 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
06C3581	0.44 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
06C3582	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
06C3584	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
06C3585	0.74 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
06C3586	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
06C3588	1.06 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
06C3590	1.41 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
06C3591	1.71 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
06C3593	2.77 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
06C3595	4.72 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

06C3569.AGE >>> SAV-6 3E11-06 >>> SAMOA PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
4.24 ± 0.10
TOTAL FUSION
4.22 ± 0.09
NORMAL ISOCHRON
4.02 ± 0.33
INVERSE ISOCHRON
4.01 ± 0.33

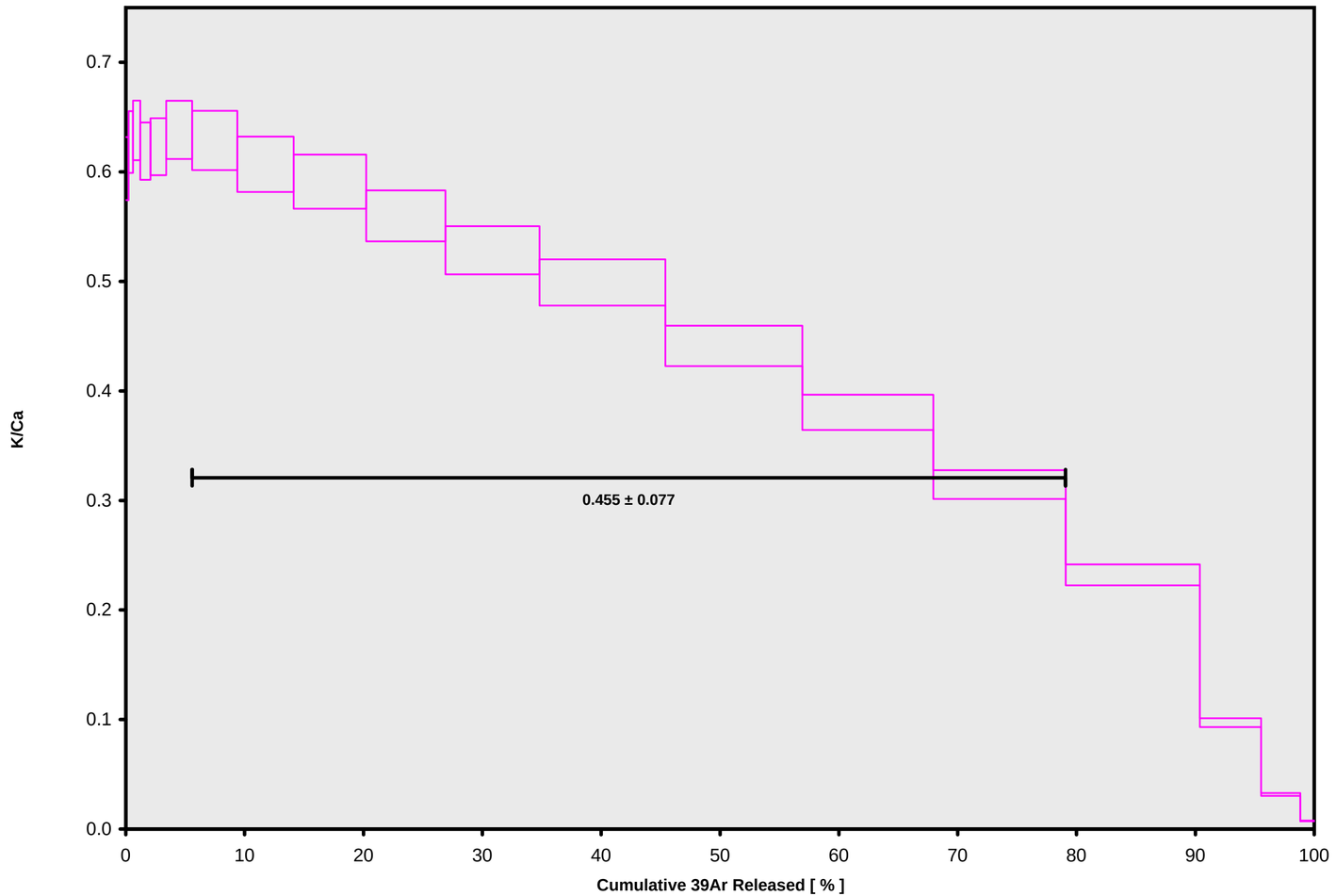
MSWD (PROBABILITY)
0.86 (55%)

Sample Info

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

IRR = OSU3E06
J = 0.00163760 ± 0.00000524

06C3569.AGE >>> SAV-6 3E11-06 >>> SAMOA PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
4.24 ± 0.10
TOTAL FUSION
4.22 ± 0.09
NORMAL ISOCHRON
4.02 ± 0.33
INVERSE ISOCHRON
4.01 ± 0.33

Sample Info

Groundmass 210-300µm
Savai'i Island, Samoa
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IRR = OSU3E06
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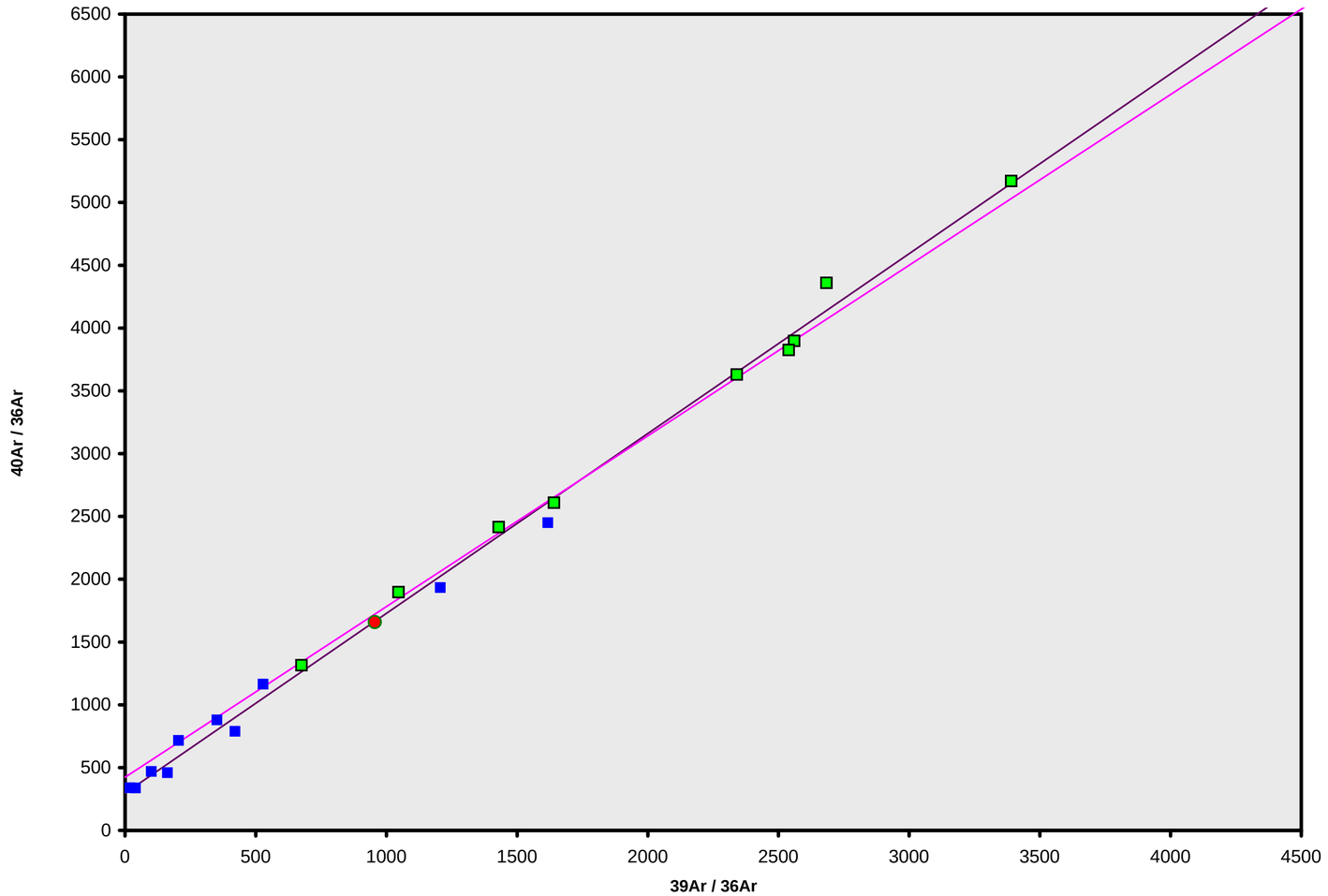
06C3569.AGE >>> SAV-6 3E11-06 >>> SAMOA PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
4.24 ± 0.10
TOTAL FUSION
4.22 ± 0.09
NORMAL ISOCHRON
4.02 ± 0.33
INVERSE ISOCHRON
4.01 ± 0.33

MSWD (PROBABILITY)
0.25 (97%)

40AR/36AR INTERCEPT
423.3 ± 209.4

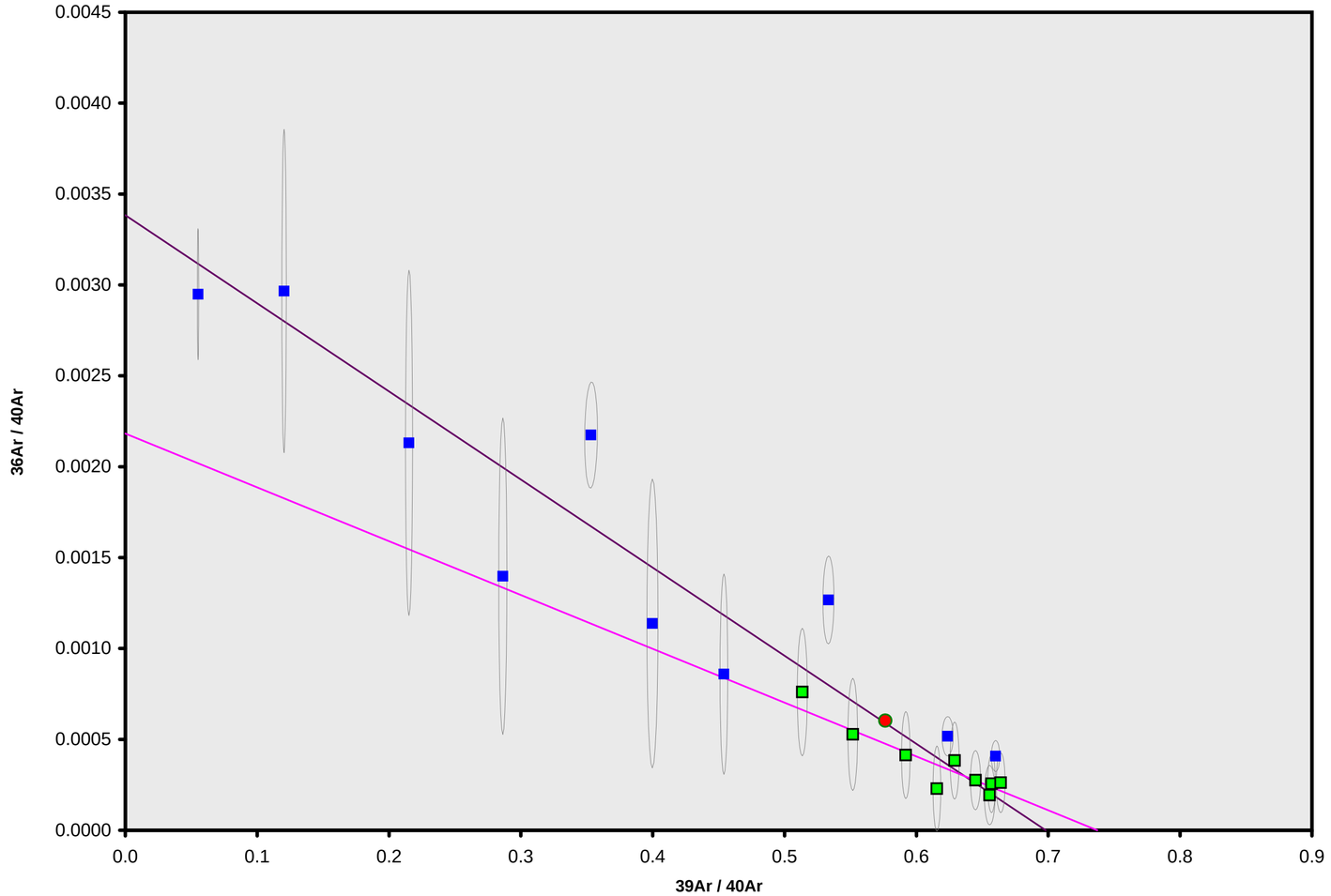
Sample Info

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

IRR = OSU3E06
J = 0.00163760 ± 0.00000524

40Ar/39Ar Geochronology Laboratory
COAS, Oregon State University, Corvallis, USA

06C3569.AGE >>> SAV-6 3E11-06 >>> SAMOA PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
4.24 ± 0.10
TOTAL FUSION
4.22 ± 0.09
NORMAL ISOCHRON
4.02 ± 0.33
INVERSE ISOCHRON
4.01 ± 0.33

MSWD (PROBABILITY)
0.38 (92%)

SPREADING FACTOR
20.4%

40AR/36AR INTERCEPT
458.2 ± 243.4

Sample Info

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

IRR = OSU3E06
J = 0.00163760 ± 0.00000524