

Incremental Heating			36Ar(a)	37Ar(ca)	38Ar(cl)	39Ar(k)	40Ar(r)	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
06C3540	0.00 W	✓	0.000364	0.000623	0.000065	0.003169	0.007523	6.96 ± 6.11	6.54	0.06	2.19 ± 0.19
06C3541	0.01 W	✓	0.000343	0.001005	0.000063	0.004598	0.006912	4.41 ± 5.21	6.38	0.08	1.97 ± 0.13
06C3543	0.06 W	✓	0.000204	0.001143	0.000057	0.004983	0.009699	5.71 ± 4.00	13.86	0.09	1.87 ± 0.10
06C3544	0.09 W	✓	0.000231	0.002323	0.000087	0.009423	0.021103	6.57 ± 2.53	23.62	0.17	1.74 ± 0.08
06C3545	0.18 W	✓	0.000174	0.003841	0.000072	0.014258	0.028494	5.87 ± 1.38	35.70	0.26	1.60 ± 0.07
06C3547	0.21 W	✓	0.000165	0.006405	0.000147	0.022176	0.039248	5.20 ± 1.13	44.60	0.40	1.49 ± 0.06
06C3548	0.27 W	✓	0.000100	0.008238	0.000099	0.028020	0.051404	5.39 ± 0.83	63.44	0.51	1.46 ± 0.07
06C3549	0.32 W	✓	0.000085	0.010868	0.000131	0.035605	0.064891	5.35 ± 0.56	71.94	0.64	1.41 ± 0.06
06C3551	0.35 W	✓	0.000135	0.019071	0.000147	0.061754	0.108001	5.13 ± 0.31	73.04	1.12	1.39 ± 0.06
06C3552	0.44 W	✓	0.000113	0.029636	0.000200	0.093616	0.162085	5.08 ± 0.21	82.83	1.70	1.36 ± 0.06
06C3553	0.53 W	✓	0.000102	0.045941	0.000178	0.144610	0.253800	5.15 ± 0.15	89.27	2.62	1.35 ± 0.06
06C3555	0.65 W	✓	0.000150	0.078653	0.000153	0.250925	0.426502	4.99 ± 0.08	90.51	4.54	1.37 ± 0.06
06C3556	0.85 W	✓	0.000142	0.104820	0.000155	0.335913	0.574244	5.02 ± 0.07	93.12	6.08	1.38 ± 0.06
06C3557	0.91 W	✓	0.000134	0.119592	0.000220	0.389000	0.661633	4.99 ± 0.06	94.26	7.04	1.40 ± 0.06
06C3559	1.15 W	✓	0.000135	0.164909	0.000459	0.551631	0.947767	5.04 ± 0.05	95.87	9.99	1.44 ± 0.06
06C3560	1.36 W	✓	0.000165	0.185387	0.000699	0.624835	1.078094	5.07 ± 0.04	95.59	11.31	1.45 ± 0.06
06C3561	1.65 W	✓	0.000331	0.232285	0.001261	0.763864	1.304387	5.01 ± 0.04	92.94	13.83	1.41 ± 0.06
06C3563	1.95 W	✓	0.000634	0.268123	0.001645	0.769320	1.302365	4.97 ± 0.04	87.36	13.93	1.23 ± 0.05
06C3564	2.39 W	✓	0.000931	0.298773	0.001779	0.667374	1.131007	4.98 ± 0.04	80.37	12.08	0.96 ± 0.04
06C3565	3.18 W	✓	0.000933	0.255597	0.001392	0.445423	0.751086	4.95 ± 0.07	73.11	8.07	0.75 ± 0.03
06C3567	4.78 W	✓	0.001082	0.291524	0.001146	0.302289	0.507869	4.93 ± 0.11	61.32	5.47	0.45 ± 0.02
		Σ	0.006652	2.128755	0.010154	5.522786	9.438113				

Information on Analysis	Results	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (% ,n)	K/Ca ± 2σ
Sample = SAV-5 3E12-06	Age Plateau	1.7061 ± 0.0068	5.01 ± 0.04	1.61	100.00	1.00 ± 0.21
Material = Groundmass 210-300μm	Error Mean	± 0.40%	± 0.79%	4%	21	
Location = Savai'i Island, Samoa		Minimal External Error ± 0.10		1.32	2σ Confidence Limit	
Analyst = Jamie Russell		Analytical Error ± 0.02		1.2673	Error Magnification	
Project = SAMOA						
Mass Discrimination Law = LIN	Total Fusion Age	1.7089 ± 0.0069	5.02 ± 0.04		21	1.12 ± 0.04
Irradiation = OSU3E06		± 0.40%	± 0.79%			
J = 0.00162580 ± 0.00000553		Minimal External Error ± 0.10				
FCT-3 = 28.030 ± 0.003 Ma		Analytical Error ± 0.02				

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
06C3540	0.00 W	✓	8.7 ± 0.5	316.2 ± 19.5	0.9758
06C3541	0.01 W	✓	13.4 ± 1.0	315.7 ± 25.2	0.9311
06C3543	0.06 W	✓	24.4 ± 2.5	343.1 ± 37.8	0.9229
06C3544	0.09 W	✓	40.8 ± 4.6	386.9 ± 45.0	0.9616
06C3545	0.18 W	✓	82.1 ± 9.8	459.6 ± 57.2	0.9587
06C3547	0.21 W	✓	134.5 ± 22.5	533.6 ± 90.6	0.9826
06C3548	0.27 W	✓	280.0 ± 70.7	809.1 ± 206.2	0.9912
06C3549	0.32 W	✓	416.7 ± 102.6	1054.9 ± 261.7	0.9927
06C3551	0.35 W	✓	458.9 ± 68.6	1098.0 ± 165.2	0.9921
06C3552	0.44 W	✓	827.0 ± 151.1	1727.3 ± 316.2	0.9967
06C3553	0.53 W	✓	1412.3 ± 306.6	2774.2 ± 602.7	0.9988
06C3555	0.65 W	✓	1673.5 ± 222.4	3140.0 ± 417.9	0.9981
06C3556	0.85 W	✓	2370.0 ± 409.5	4347.0 ± 751.1	0.9993
06C3557	0.91 W	✓	2898.1 ± 427.4	5224.8 ± 770.6	0.9990
06C3559	1.15 W	✓	4083.6 ± 720.9	7311.6 ± 1290.7	0.9995
06C3560	1.36 W	✓	3794.0 ± 543.6	6841.8 ± 980.2	0.9994
06C3561	1.65 W	✓	2307.1 ± 170.1	4235.2 ± 312.0	0.9982
06C3563	1.95 W	✓	1214.3 ± 57.7	2351.1 ± 111.7	0.9950
06C3564	2.39 W	✓	716.7 ± 18.3	1510.2 ± 38.1	0.9788
06C3565	3.18 W	✓	477.6 ± 17.0	1100.9 ± 39.2	0.9893
06C3567	4.78 W	✓	279.3 ± 9.5	764.8 ± 25.9	0.9865

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	288.1437 ± 7.8172 ± 2.71%	1.7112 ± 0.0087 ± 0.51%	5.02 ± 0.04 ± 0.85%	1.34 15%
		Minimal External Error ± 0.10 Analytical Error ± 0.03		
Statistics	2σ Confidence Limit Error Magnification Number of Data Points	1.65 1.1580 21	Convergence Number of Iterations Calculated Line	0.0000170674 63 Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
06C3540	0.00 W	✓	0.027572 ± 0.000379	0.003163 ± 0.000195	0.0163
06C3541	0.01 W	✓	0.042472 ± 0.001241	0.003168 ± 0.000253	0.3117
06C3543	0.06 W	✓	0.071230 ± 0.003026	0.002915 ± 0.000321	0.3552
06C3544	0.09 W	✓	0.105499 ± 0.003362	0.002585 ± 0.000300	0.2697
06C3545	0.18 W	✓	0.178701 ± 0.006332	0.002176 ± 0.000271	0.2762
06C3547	0.21 W	✓	0.252114 ± 0.007952	0.001874 ± 0.000318	0.1814
06C3548	0.27 W	✓	0.346027 ± 0.011676	0.001236 ± 0.000315	0.1302
06C3549	0.32 W	✓	0.394992 ± 0.011846	0.000948 ± 0.000235	0.1187
06C3551	0.35 W	✓	0.417905 ± 0.007898	0.000911 ± 0.000137	0.1146
06C3552	0.44 W	✓	0.478765 ± 0.007120	0.000579 ± 0.000106	0.0681
06C3553	0.53 W	✓	0.509090 ± 0.005319	0.000360 ± 0.000078	0.0398
06C3555	0.65 W	✓	0.532965 ± 0.004342	0.000318 ± 0.000042	0.0507
06C3556	0.85 W	✓	0.545202 ± 0.003433	0.000230 ± 0.000040	0.0194
06C3557	0.91 W	✓	0.554687 ± 0.003724	0.000191 ± 0.000028	0.0236
06C3559	1.15 W	✓	0.558509 ± 0.003003	0.000137 ± 0.000024	0.0150
06C3560	1.36 W	✓	0.554541 ± 0.002758	0.000146 ± 0.000021	0.0130
06C3561	1.65 W	✓	0.544752 ± 0.002442	0.000236 ± 0.000017	0.0203
06C3563	1.95 W	✓	0.516466 ± 0.002444	0.000425 ± 0.000020	0.0415
06C3564	2.39 W	✓	0.474608 ± 0.002484	0.000662 ± 0.000017	0.0485
06C3565	3.18 W	✓	0.433861 ± 0.002263	0.000908 ± 0.000032	0.0580
06C3567	4.78 W	✓	0.365228 ± 0.002037	0.001308 ± 0.000044	0.0824

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	290.1335 ± 8.3134 ± 2.87%	1.7102 ± 0.0091 ± 0.53%	5.02 ± 0.04 ± 0.86%	1.56 6%
			Minimal External Error ± 0.10 Analytical Error ± 0.03	
Statistics	2σ Confidence Limit Error Magnification Number of Data Points Spreading Factor	1.65 1.2500 21 90.8%	Convergence Number of Iterations Calculated Line	0.0001969374 4 Weighted York-2

Relative Abundances		36Ar	%1σ	37Ar	%1σ	38Ar	%1σ	39Ar	%1σ	40Ar	%1σ	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
06C3540	0.00 W ✓	0.0003637	3.070	0.0006232	3.780	0.0001716	5.280	0.0031699	0.662	0.1149594	0.186	6.96 ± 6.11	6.54	0.06	2.19 ± 0.19
06C3541	0.01 W ✓	0.0003433	3.760	0.0010050	2.462	0.0001832	6.764	0.0045989	0.561	0.1082712	1.349	4.41 ± 5.21	6.38	0.08	1.97 ± 0.13
06C3543	0.06 W ✓	0.0002042	5.114	0.0011427	1.673	0.0001558	7.449	0.0049835	0.593	0.0699611	2.039	5.71 ± 4.00	13.86	0.09	1.87 ± 0.10
06C3544	0.09 W ✓	0.0002315	5.575	0.0023225	1.124	0.0002446	4.965	0.0094250	0.207	0.0893379	1.580	6.57 ± 2.53	23.62	0.17	1.74 ± 0.08
06C3545	0.18 W ✓	0.0001746	5.941	0.0038407	0.693	0.0002768	4.889	0.0142611	0.304	0.0798125	1.745	5.87 ± 1.38	35.70	0.26	1.60 ± 0.07
06C3547	0.21 W ✓	0.0001666	8.255	0.0064054	0.805	0.0004466	3.345	0.0221803	0.242	0.0879961	1.558	5.20 ± 1.13	44.60	0.40	1.49 ± 0.06
06C3548	0.27 W ✓	0.0001023	12.354	0.0082377	0.986	0.0004573	2.276	0.0280262	0.222	0.0810237	1.672	5.39 ± 0.83	63.44	0.51	1.46 ± 0.07
06C3549	0.32 W ✓	0.0000884	11.906	0.0108685	0.671	0.0005787	2.151	0.0356127	0.201	0.0901999	1.485	5.35 ± 0.56	71.94	0.64	1.41 ± 0.06
06C3551	0.35 W ✓	0.0001397	7.196	0.0190706	0.751	0.0009205	1.751	0.0617676	0.279	0.1478725	0.902	5.13 ± 0.31	73.04	1.12	1.39 ± 0.06
06C3552	0.44 W ✓	0.0001212	8.527	0.0296357	0.601	0.0013557	1.122	0.0936367	0.299	0.1956902	0.680	5.08 ± 0.21	82.83	1.70	1.36 ± 0.06
06C3553	0.53 W ✓	0.0001148	9.682	0.0459405	0.550	0.0019494	0.767	0.1446428	0.217	0.2842951	0.474	5.15 ± 0.15	89.27	2.62	1.35 ± 0.06
06C3555	0.65 W ✓	0.0001711	5.821	0.0786526	0.553	0.0032224	0.666	0.2509804	0.169	0.4712230	0.370	4.99 ± 0.08	90.51	4.54	1.37 ± 0.06
06C3556	0.85 W ✓	0.0001699	7.202	0.1048203	0.520	0.0042525	0.658	0.3359877	0.215	0.6166812	0.229	5.02 ± 0.07	93.12	6.08	1.38 ± 0.06
06C3557	0.91 W ✓	0.0001664	5.944	0.1195923	0.560	0.0049598	0.554	0.3890844	0.233	0.7019379	0.240	4.99 ± 0.06	94.26	7.04	1.40 ± 0.06
06C3559	1.15 W ✓	0.0001795	6.639	0.1649088	0.670	0.0071697	0.419	0.5517480	0.192	0.9885952	0.187	5.04 ± 0.05	95.87	9.99	1.44 ± 0.06
06C3560	1.36 W ✓	0.0002146	5.494	0.1853870	0.529	0.0083027	0.378	0.6249661	0.196	1.1277907	0.150	5.07 ± 0.04	95.59	11.31	1.45 ± 0.06
06C3561	1.65 W ✓	0.0003936	3.095	0.2322847	0.528	0.0105805	0.436	0.7640285	0.183	1.4034836	0.127	5.01 ± 0.04	92.94	13.83	1.41 ± 0.06
06C3563	1.95 W ✓	0.0007058	2.126	0.2681232	0.662	0.0110881	0.459	0.7695098	0.181	1.4908537	0.151	4.97 ± 0.04	87.36	13.93	1.23 ± 0.05
06C3564	2.39 W ✓	0.0010116	1.153	0.2987730	0.647	0.0100442	0.533	0.6675854	0.229	1.4072585	0.125	4.98 ± 0.04	80.37	12.08	0.96 ± 0.04
06C3565	3.18 W ✓	0.0010014	1.650	0.2555967	0.624	0.0069684	0.517	0.4456037	0.203	1.0273835	0.163	4.95 ± 0.07	73.11	8.07	0.75 ± 0.03
06C3567	4.78 W ✓	0.0011607	1.570	0.2915236	0.549	0.0050180	0.442	0.3024960	0.197	0.8281711	0.197	4.93 ± 0.11	61.32	5.47	0.45 ± 0.02
Σ		0.0072249	0.784	2.1287550	0.192	0.0783463	0.157	5.5242948	0.062	11.4127980	0.062				

Information on Analysis and Constants Used in Calculations

Sample = SAV-5 3E12-06
Material = Groundmass 210-300µm
Location = Savai'i Island, Samoa
Analyst = Jamie Russell
Project = SAMOA
Mass Discrimination Law = LIN
Irradiation = OSU3E06
J = 0.00162580 ± 0.00000553
FCT-3 = 28.030 ± 0.003 Ma
IGSN = KOP000011
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°05.5'S - 172°56.5'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 Error Mean	1.7061 ± 0.0068 ± 0.40%	5.01 ± 0.04 ± 0.79%	1.61 4%	100.00 21	1.00 ± 0.21
		Minimal External Error ± 0.10 Analytical Error ± 0.02	1.32 1.2673	2σ Confidence Limit Error Magnification	
Total Fusion Age	1.7089 ± 0.0069 ± 0.40%	5.02 ± 0.04 ± 0.79%		21	1.12 ± 0.04
		Minimal External Error ± 0.10 Analytical Error ± 0.02			
Normal Isochron	1.7112 ± 0.0087 ± 0.51%	5.02 ± 0.04 ± 0.85%	1.34 15%	100.00 21	
		Minimal External Error ± 0.10 Analytical Error ± 0.03	1.65 1.1580	2σ Confidence Limit Error Magnification	
Inverse Isochron	1.7102 ± 0.0091 ± 0.53%	5.02 ± 0.04 ± 0.86%	1.56 6%	100.00 21	
		Minimal External Error ± 0.10 Analytical Error ± 0.03	1.65 1.2500	2σ Confidence Limit 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
06C3540	0.00 W ✓	0.000364	3.07	0.000000	0.00	0.000000	3.80	0.000000	15.24	0.000623	3.78	0.000068	3.07	0.000000	0.00	0.000038	0.67	0.000000	22.22	0.000065	16.17	0.003169	0.66	0.000000	4.20	0.007523	43.96	0.107431	3.07	0.000000	0.00	0.000005	24.91
06C3541	0.01 W ✓	0.000343	3.76	0.000000	0.00	0.000000	2.49	0.000000	20.64	0.001005	2.46	0.000064	3.76	0.000000	0.00	0.000056	0.57	0.000000	22.04	0.000063	21.33	0.004598	0.56	0.000001	3.07	0.006912	59.08	0.101352	3.76	0.000000	0.00	0.000008	24.91
06C3543	0.06 W ✓	0.000204	5.12	0.000000	0.00	0.000000	1.71	0.000000	21.25	0.001143	1.67	0.000038	5.12	0.000000	0.00	0.000060	0.60	0.000000	21.96	0.000057	21.92	0.004983	0.59	0.000001	2.48	0.009699	35.06	0.060254	5.12	0.000000	0.00	0.000008	24.91
06C3544	0.09 W ✓	0.000231	5.59	0.000000	0.00	0.000001	1.18	0.000000	15.18	0.002323	1.12	0.000043	5.59	0.000000	0.00	0.000114	0.23	0.000000	21.93	0.000087	16.10	0.009423	0.21	0.000002	2.15	0.021103	19.27	0.068220	5.59	0.000000	0.00	0.000016	24.90
06C3545	0.18 W ✓	0.000174	5.98	0.000000	0.00	0.000001	0.79	0.000000	19.86	0.003841	0.69	0.000032	5.98	0.000000	0.00	0.000173	0.32	0.000000	21.91	0.000072	20.58	0.014258	0.30	0.000003	1.96	0.028494	11.82	0.051295	5.98	0.000000	0.00	0.000024	24.90
06C3547	0.21 W ✓	0.000165	8.34	0.000000	0.00	0.000002	0.89	0.000000	11.64	0.006405	0.80	0.000031	8.34	0.000000	0.00	0.000269	0.26	0.000000	21.91	0.000147	12.83	0.022176	0.24	0.000005	2.00	0.039248	10.93	0.048712	8.34	0.000000	0.00	0.000037	24.90
06C3548	0.27 W ✓	0.000100	12.63	0.000000	0.00	0.000002	1.05	0.000000	12.08	0.008238	0.99	0.000019	12.63	0.000000	0.00	0.000339	0.24	0.000000	21.92	0.000099	13.23	0.028020	0.22	0.000006	2.08	0.051404	7.73	0.029573	12.63	0.000000	0.00	0.000046	24.90
06C3549	0.32 W ✓	0.000085	12.31	0.000000	0.00	0.000003	0.77	0.000000	11.04	0.010868	0.67	0.000016	12.31	0.000000	0.00	0.000431	0.22	0.000000	21.91	0.000131	12.28	0.035605	0.20	0.000008	1.95	0.064891	5.22	0.025250	12.31	0.000000	0.00	0.000059	24.90
06C3551	0.35 W ✓	0.000135	7.47	0.000000	0.00	0.000005	0.84	0.000000	12.38	0.019071	0.75	0.000025	7.47	0.000000	0.00	0.000748	0.30	0.000001	21.91	0.000147	13.50	0.061754	0.28	0.000014	1.98	0.108001	3.02	0.039770	7.47	0.000000	0.00	0.000102	24.90
06C3552	0.44 W ✓	0.000113	9.13	0.000000	0.00	0.000008	0.71	0.000000	9.54	0.029636	0.60	0.000021	9.13	0.000000	0.00	0.001134	0.32	0.000001	21.91	0.000200	10.96	0.093616	0.30	0.000021	1.93	0.162085	2.06	0.033451	9.13	0.000000	0.00	0.000154	24.90
06C3553	0.53 W ✓	0.000102	10.85	0.000000	0.00	0.000012	0.66	0.000000	10.34	0.045941	0.55	0.000019	10.85	0.000000	0.00	0.001751	0.24	0.000001	21.91	0.000178	11.65	0.144610	0.22	0.000033	1.91	0.253800	1.40	0.030257	10.85	0.000000	0.00	0.000239	24.90
06C3555	0.65 W ✓	0.000150	6.64	0.000000	0.00	0.000021	0.67	0.000000	15.56	0.078653	0.55	0.000028	6.64	0.000000	0.00	0.003039	0.20	0.000003	21.91	0.000153	16.47	0.250925	0.17	0.000056	1.91	0.426502	0.80	0.044307	6.64	0.000000	0.00	0.000414	24.90
06C3556	0.85 W ✓	0.000142	8.64	0.000000	0.00	0.000028	0.64	0.000000	19.94	0.104820	0.52	0.000026	8.64	0.000000	0.00	0.004068	0.24	0.000003	21.91	0.000155	20.66	0.335913	0.22	0.000074	1.90	0.574244	0.68	0.041883	8.64	0.000000	0.00	0.000554	24.90
06C3557	0.91 W ✓	0.000134	7.37	0.000000	0.00	0.000032	0.67	0.000000	14.67	0.119592	0.56	0.000025	7.37	0.000000	0.00	0.004711	0.25	0.000004	21.91	0.000220	15.63	0.389000	0.23	0.000085	1.91	0.661633	0.51	0.039663	7.37	0.000000	0.00	0.000642	24.90
06C3559	1.15 W ✓	0.000135	8.82	0.000000	0.00	0.000044	0.77	0.000000	9.05	0.164909	0.67	0.000025	8.82	0.000000	0.00	0.006680	0.22	0.000005	21.91	0.000459	10.54	0.551631	0.19	0.000117	1.95	0.947767	0.42	0.039918	8.82	0.000000	0.00	0.000910	24.90
06C3560	1.36 W ✓	0.000165	7.16	0.000000	0.00	0.000050	0.65	0.000000	7.42	0.185387	0.53	0.000031	7.16	0.000000	0.00	0.007567	0.22	0.000006	21.91	0.000699	9.16	0.624835	0.20	0.000131	1.90	1.078094	0.36	0.048665	7.16	0.000000	0.00	0.001031	24.90
06C3561	1.65 W ✓	0.000331	3.68	0.000000	0.00	0.000062	0.64	0.000000	6.69	0.232285	0.53	0.000062	3.68	0.000000	0.00	0.009250	0.21	0.000007	21.91	0.001261	8.59	0.763864	0.18	0.000165	1.90	1.304387	0.31	0.097836	3.68	0.000000	0.00	0.001260	24.90
06C3563	1.95 W ✓	0.000634	2.37	0.000000	0.00	0.000072	0.76	0.000000	6.32	0.268123	0.66	0.000118	2.37	0.000000	0.00	0.009316	0.21	0.000009	21.91	0.001645	8.30	0.769320	0.18	0.000190	1.95	1.302365	0.38	0.187220	2.37	0.000000	0.00	0.001269	24.90
06C3564	2.39 W ✓	0.000931	1.25	0.000000	0.00	0.000080	0.75	0.000000	6.27	0.298773	0.65	0.000174	1.25	0.000000	0.00	0.008082	0.25	0.000010	21.91	0.001779	8.27	0.667374	0.23	0.000212	1.94	1.131007	0.34	0.275150	1.25	0.000000	0.00	0.001101	24.90
06C3565	3.18 W ✓	0.000933	1.77	0.000000	0.00	0.000069	0.73	0.000000	6.05	0.255597	0.62	0.000174	1.77	0.000000	0.00	0.005394	0.23	0.000008	21.91	0.001392	8.10	0.445423	0.20	0.000181	1.93	0.751086	0.69	0.275563	1.77	0.000000	0.00	0.000735	24.90
06C3567	4.78 W ✓	0.001082	1.68	0.000000	0.00	0.000078	0.66	0.000000	5.78	0.291524	0.55	0.000202	1.68	0.000000	0.00	0.003661	0.22	0.000009	21.91	0.001146	7.90	0.302289	0.20	0.000207	1.91	0.507869	1.11	0.319803	1.68	0.000000	0.00	0.000499	24.90
Σ		0.006652	0.85	0.000000	0.00	0.000573	0.23	0.000001	2.23	2.128755	0.19	0.001243	0.85	0.000000	0.00	0.066881	0.07	0.000068	7.00	0.010154	2.87	5.522786	0.06	0.001509	0.62	9.438113	0.19	1.965572	0.85	0.000000	0.00	0.009113	7.77
Σ								0.007225	0.78	2.128755	0.19									0.078346	0.38			5.524295	0.06					11.412798	0.22		

Additional Parameters		40(r)/39(k)	1 σ	40(r+a)	1 σ	40Ar/39Ar	1 σ	37Ar/39Ar	1 σ	36Ar/39Ar	1 σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)	
06C3540	0.00 W	✓	2.373639	1.04353	0.114954	0.00021	36.265574	0.24933	0.196586	0.00754	0.114743	0.00360	29.661	1.80098592	1.00021019	1.163E-20
06C3541	0.01 W	✓	1.503228	0.88820	0.108264	0.00146	23.543071	0.34393	0.218531	0.00552	0.074640	0.00284	29.682	1.80172718	1.00021034	1.096E-20
06C3543	0.06 W	✓	1.946523	0.68249	0.069953	0.00143	14.038494	0.29817	0.229296	0.00407	0.040978	0.00211	29.724	1.80323535	1.00021064	7.080E-21
06C3544	0.09 W	✓	2.239389	0.43157	0.089322	0.00141	9.478769	0.15102	0.246422	0.00282	0.024561	0.00137	29.746	1.80400228	1.00021079	9.041E-21
06C3545	0.18 W	✓	1.998387	0.23624	0.079789	0.00139	5.596524	0.09912	0.269315	0.00204	0.012245	0.00073	29.767	1.80474478	1.00021094	8.077E-21
06C3547	0.21 W	✓	1.769858	0.19343	0.087960	0.00137	3.967303	0.06254	0.288787	0.00243	0.007510	0.00062	29.809	1.80625547	1.00021124	8.905E-21
06C3548	0.27 W	✓	1.834537	0.14184	0.080977	0.00135	2.890993	0.04875	0.293929	0.00297	0.003650	0.00045	29.830	1.80699890	1.00021138	8.200E-21
06C3549	0.32 W	✓	1.822522	0.09516	0.090141	0.00134	2.532801	0.03795	0.305186	0.00214	0.002482	0.00030	29.851	1.80774263	1.00021153	9.128E-21
06C3551	0.35 W	✓	1.748888	0.05296	0.147771	0.00133	2.394015	0.02260	0.308748	0.00247	0.002262	0.00016	29.893	1.80925583	1.00021183	1.496E-20
06C3552	0.44 W	✓	1.731384	0.03596	0.195536	0.00133	2.089888	0.01552	0.316497	0.00213	0.001294	0.00011	29.914	1.81000049	1.00021198	1.980E-20
06C3553	0.53 W	✓	1.755059	0.02484	0.284056	0.00135	1.965498	0.01025	0.317614	0.00188	0.000793	0.00008	29.935	1.81077030	1.00021213	2.877E-20
06C3555	0.65 W	✓	1.699723	0.01394	0.470809	0.00175	1.877529	0.00763	0.313381	0.00181	0.000682	0.00004	29.978	1.81228603	1.00021243	4.769E-20
06C3556	0.85 W	✓	1.709499	0.01214	0.616127	0.00142	1.835428	0.00576	0.311977	0.00176	0.000506	0.00004	29.999	1.81303194	1.00021257	6.241E-20
06C3557	0.91 W	✓	1.700858	0.00955	0.701296	0.00170	1.804076	0.00604	0.307369	0.00186	0.000428	0.00003	30.019	1.81377816	1.00021272	7.104E-20
06C3559	1.15 W	✓	1.718118	0.00794	0.987685	0.00186	1.791751	0.00480	0.298884	0.00208	0.000325	0.00002	30.064	1.81537111	1.00021304	1.000E-19
06C3560	1.36 W	✓	1.725407	0.00708	1.126760	0.00172	1.804563	0.00447	0.296635	0.00167	0.000343	0.00002	30.083	1.81604356	1.00021317	1.141E-19
06C3561	1.65 W	✓	1.707617	0.00613	1.402223	0.00182	1.836952	0.00409	0.304026	0.00170	0.000515	0.00002	30.103	1.81679102	1.00021331	1.420E-19
06C3563	1.95 W	✓	1.692879	0.00717	1.489584	0.00227	1.937407	0.00456	0.348434	0.00239	0.000917	0.00002	30.150	1.81846145	1.00021364	1.509E-19
06C3564	2.39 W	✓	1.694714	0.00699	1.406157	0.00178	2.107983	0.00550	0.447543	0.00307	0.001515	0.00002	30.171	1.81920990	1.00021379	1.424E-19
06C3565	3.18 W	✓	1.686232	0.01209	1.026649	0.00168	2.305599	0.00600	0.573596	0.00377	0.002247	0.00004	30.192	1.81995866	1.00021394	1.040E-19
06C3567	4.78 W	✓	1.680076	0.01891	0.827672	0.00163	2.737792	0.00762	0.963727	0.00562	0.003837	0.00006	30.233	1.82145710	1.00021423	8.381E-20

Procedure Blanks		36Ar	1σ	37Ar	1σ	38Ar	1σ	39Ar	1σ	40Ar	1σ
06C3540	0.00 W	0.000016	0.000007	0.000017	0.000011	0.000003	0.000007	0.000016	0.000009	0.004825	0.000030
06C3541	0.01 W	0.000000	0.000008	0.000010	0.000009	0.000013	0.000008	0.000036	0.000011	0.002324	0.001455
06C3543	0.06 W	0.000026	0.000008	0.000021	0.000009	0.000014	0.000008	0.000036	0.000011	0.006930	0.001417
06C3544	0.09 W	0.000032	0.000008	0.000022	0.000009	0.000014	0.000008	0.000042	0.000011	0.007994	0.001399
06C3545	0.18 W	0.000035	0.000008	0.000022	0.000009	0.000014	0.000008	0.000039	0.000011	0.008422	0.001384
06C3547	0.21 W	0.000033	0.000008	0.000019	0.000008	0.000012	0.000008	0.000021	0.000011	0.008042	0.001358
06C3548	0.27 W	0.000031	0.000008	0.000016	0.000008	0.000011	0.000008	0.000009	0.000011	0.007484	0.001347
06C3549	0.32 W	0.000027	0.000008	0.000013	0.000008	0.000010	0.000008	0.000009	0.000011	0.006816	0.001338
06C3551	0.35 W	0.000020	0.000008	0.000008	0.000008	0.000008	0.000008	0.000009	0.000011	0.005458	0.001324
06C3552	0.44 W	0.000017	0.000008	0.000006	0.000008	0.000007	0.000008	0.000013	0.000011	0.004916	0.001320
06C3553	0.53 W	0.000015	0.000008	0.000005	0.000008	0.000006	0.000008	0.000013	0.000011	0.004507	0.001317
06C3555	0.65 W	0.000014	0.000008	0.000006	0.000008	0.000005	0.000008	0.000013	0.000011	0.004250	0.001317
06C3556	0.85 W	0.000015	0.000008	0.000008	0.000008	0.000004	0.000008	0.000032	0.000011	0.004400	0.001320
06C3557	0.91 W	0.000016	0.000008	0.000011	0.000008	0.000004	0.000008	0.000056	0.000011	0.004717	0.001324
06C3559	1.15 W	0.000021	0.000008	0.000020	0.000008	0.000004	0.000008	0.000116	0.000011	0.005792	0.001338
06C3560	1.36 W	0.000024	0.000008	0.000026	0.000008	0.000005	0.000008	0.000143	0.000011	0.006313	0.001346
06C3561	1.65 W	0.000026	0.000008	0.000032	0.000008	0.000005	0.000008	0.000171	0.000011	0.006851	0.001357
06C3563	1.95 W	0.000028	0.000008	0.000047	0.000009	0.000006	0.000008	0.000222	0.000011	0.007439	0.001386
06C3564	2.39 W	0.000026	0.000008	0.000054	0.000009	0.000005	0.000008	0.000232	0.000011	0.007178	0.001402
06C3565	3.18 W	0.000021	0.000008	0.000061	0.000009	0.000005	0.000008	0.000232	0.000011	0.006412	0.001419
06C3567	4.78 W	0.000021	0.000008	0.000071	0.000009	0.000003	0.000008	0.000183	0.000011	0.002766	0.001456

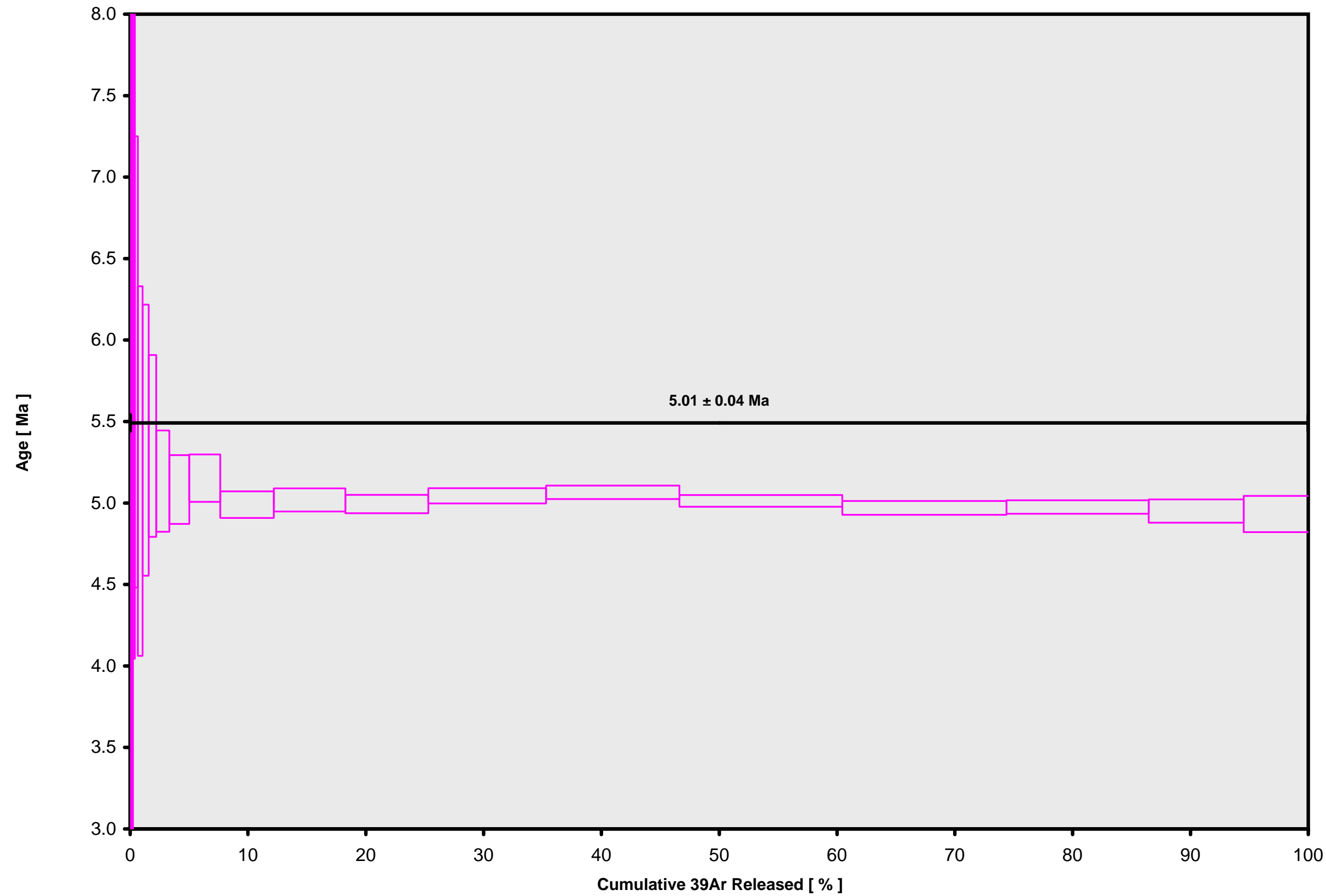
Intercept Values	36Ar	1σ	r2		37Ar	1σ	r2		38Ar	1σ	r2		39Ar	1σ	r2		40Ar	1σ	r2		
06C3540	0.00 W	0.000380	0.000008	0.0003	LIN #	0.000361	0.000007	0.7111	LIN #	0.000173	0.000006	0.0140	LIN #	0.003153	0.000018	0.9919	LIN # 1	0.118119	0.000209	0.5115	LIN # 1 2
06C3541	0.01 W	0.000344	0.000010	0.1075	LIN #	0.000566	0.000010	0.1850	LIN #	0.000194	0.000010	0.0059	LIN #	0.004585	0.000022	0.9830	LIN #	0.109025	0.000131	0.2893	LIN # 1 2 6
06C3543	0.06 W	0.000230	0.000006	0.1423	LIN #	0.000652	0.000005	0.1402	LIN #	0.000169	0.000009	0.0005	LIN #	0.004965	0.000026	0.9595	LIN # 6	0.075785	0.000167	0.8330	LIN # 1
06C3544	0.09 W	0.000263	0.000010	0.0015	LIN #	0.001305	0.000010	0.5527	LIN #	0.000257	0.000009	0.0044	LIN #	0.009363	0.000005	0.9956	LIN # 8 11	0.095922	0.000180	0.8074	EXP # 1 2 3
06C3545	0.18 W	0.000209	0.000006	0.0029	LIN #	0.002143	0.000006	0.9375	LIN # 1	0.000289	0.000011	0.3213	LIN # 1	0.014143	0.000035	0.8721	LIN # 3 9	0.086956	0.000150	0.7334	LIN # 1 8
06C3547	0.21 W	0.000200	0.000011	0.0595	LIN #	0.003553	0.000021	0.9115	LIN #	0.000456	0.000013	0.1409	LIN #	0.021959	0.000038	0.9768	LIN # 1 2	0.094656	0.000184	0.7252	LIN # 1 2
06C3548	0.27 W	0.000132	0.000010	0.0412	LIN #	0.004560	0.000038	0.8040	LIN #	0.000465	0.000007	0.0710	LIN #	0.027733	0.000041	0.9888	LIN # 12	0.087242	0.000138	0.6095	LIN # 12
06C3549	0.32 W	0.000115	0.000007	0.2213	LIN #	0.006005	0.000027	0.9447	LIN #	0.000584	0.000010	0.3809	LIN #	0.035231	0.000041	0.9909	EXP #	0.095611	0.000064	0.9440	LIN # 1
06C3551	0.35 W	0.000160	0.000006	0.1471	LIN #	0.010515	0.000060	0.9016	LIN #	0.000922	0.000014	0.2134	LIN #	0.061105	0.000139	0.9716	LIN # 11	0.151124	0.000158	0.8287	LIN # 12
06C3552	0.44 W	0.000138	0.000006	0.3112	LIN #	0.016325	0.000058	0.9629	LIN #	0.001353	0.000012	0.7266	LIN #	0.092622	0.000234	0.9696	LIN #	0.197700	0.000163	0.9818	LIN # 2 12
06C3553	0.53 W	0.000130	0.000007	0.6721	LIN #	0.025289	0.000066	0.9803	LIN #	0.001941	0.000011	0.7294	LIN # 2	0.143055	0.000210	0.9897	LIN #	0.284590	0.000284	0.9811	LIN #
06C3555	0.65 W	0.000185	0.000006	0.4650	LIN #	0.043253	0.000115	0.9817	LIN # 7 10	0.003204	0.000017	0.8798	LIN #	0.248191	0.000133	0.9990	LIN #	0.468492	0.001123	0.9549	LIN #
06C3556	0.85 W	0.000184	0.000009	0.4323	LIN #	0.057654	0.000110	0.9882	LIN # 6 12	0.004228	0.000023	0.8813	LIN #	0.332464	0.000478	0.9934	LIN # 1 10	0.612325	0.000488	0.9948	LIN # 7
06C3557	0.91 W	0.000182	0.000005	0.5610	LIN #	0.065754	0.000185	0.9778	LIN # 1	0.004931	0.000021	0.9160	LIN #	0.385022	0.000651	0.9878	LIN #	0.696692	0.001032	0.9746	LIN #
06C3559	1.15 W	0.000201	0.000009	0.8225	LIN #	0.090569	0.000420	0.9487	LIN # 1 11 12	0.007124	0.000018	0.9785	LIN # 12	0.545862	0.000576	0.9960	LIN #	0.980078	0.001254	0.9889	LIN #
06C3560	1.36 W	0.000238	0.000008	0.8281	LIN #	0.101740	0.000216	0.9880	LIN # 1	0.008247	0.000015	0.9892	LIN # 1 9	0.618066	0.000704	0.9949	LIN #	1.117344	0.001018	0.9948	EXP #
06C3561	1.65 W	0.000420	0.000009	0.7873	LIN #	0.127400	0.000268	0.9881	LIN #	0.010506	0.000030	0.9687	LIN #	0.755442	0.000669	0.9974	LIN #	1.389219	0.001147	0.9960	LIN # 9
06C3563	1.95 W	0.000734	0.000012	0.3190	EXP #	0.146975	0.000663	0.9399	LIN #	0.011013	0.000035	0.9333	LIN #	0.761134	0.000639	0.9968	LIN #	1.476296	0.001749	0.9874	LIN #
06C3564	2.39 W	0.001037	0.000005	0.2600	LIN #	0.163710	0.000704	0.9484	LIN #	0.009977	0.000042	0.9179	LIN #	0.660358	0.001081	0.9895	LIN #	1.393671	0.001043	0.9964	LIN # 9
06C3565	3.18 W	0.001022	0.000013	0.0687	LIN #	0.140036	0.000552	0.9658	LIN #	0.006924	0.000027	0.9441	LIN #	0.440942	0.000548	0.9951	LIN #	1.018819	0.000876	0.9951	LIN #
06C3567	4.78 W	0.001182	0.000015	0.2682	LIN #	0.159606	0.000412	0.9802	LIN # 4	0.004986	0.000013	0.9736	LIN #	0.299387	0.000343	0.9950	LIN #	0.818980	0.000719	0.9919	LIN #

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Sample Parameters	Sample	Material	Location	Analyst	Temp	Standard (in Ma)	%1 σ	J	%1 σ	MDF	%1 σ	Volume Ratio	Sensitivity (mol/volt)	Day	Month	Year	Hour	Min	Resist	Irradiation	Project	Experiment	Nmb	Standard Name	
06C3540	0.00 W	SAV-5 3E12-06	Groundmass 210-300 μ m	Savai'i Island, Samoa	Jamie Russell	0	28.03	0.01	0.0016258	0.34	1.00378	0.16	1.0141	1.012E-19	26	OCT	2006	06	20	001	OSU3E06	Samoa	06C3540	01	FCT-3
06C3541	0.01 W	SAV-5 3E12-06	Groundmass 210-300 μ m	Savai'i Island, Samoa	Jamie Russell	0.01	28.03	0.01	0.0016258	0.34	1.00378	0.16	1.0144	1.012E-19	26	OCT	2006	06	50	001	OSU3E06	Samoa	06C3540	01	FCT-3
06C3543	0.06 W	SAV-5 3E12-06	Groundmass 210-300 μ m	Savai'i Island, Samoa	Jamie Russell	0.06	28.03	0.01	0.0016258	0.34	1.00378	0.16	1.0146	1.012E-19	26	OCT	2006	07	51	001	OSU3E06	Samoa	06C3540	01	FCT-3
06C3544	0.09 W	SAV-5 3E12-06	Groundmass 210-300 μ m	Savai'i Island, Samoa	Jamie Russell	0.09	28.03	0.01	0.0016258	0.34	1.00378	0.16	1.0147	1.012E-19	26	OCT	2006	08	22	001	OSU3E06	Samoa	06C3540	01	FCT-3
06C3545	0.18 W	SAV-5 3E12-06	Groundmass 210-300 μ m	Savai'i Island, Samoa	Jamie Russell	0.18	28.03	0.01	0.0016258	0.34	1.00378	0.16	1.0147	1.012E-19	26	OCT	2006	08	52	001	OSU3E06	Samoa	06C3540	01	FCT-3
06C3547	0.21 W	SAV-5 3E12-06	Groundmass 210-300 μ m	Savai'i Island, Samoa	Jamie Russell	0.21	28.03	0.01	0.0016258	0.34	1.00378	0.16	1.0146	1.012E-19	26	OCT	2006	09	53	001	OSU3E06	Samoa	06C3540	01	FCT-3
06C3548	0.27 W	SAV-5 3E12-06	Groundmass 210-300 μ m	Savai'i Island, Samoa	Jamie Russell	0.27	28.03	0.01	0.0016258	0.34	1.00378	0.16	1.0145	1.012E-19	26	OCT	2006	10	23	001	OSU3E06	Samoa	06C3540	01	FCT-3
06C3549	0.32 W	SAV-5 3E12-06	Groundmass 210-300 μ m	Savai'i Island, Samoa	Jamie Russell	0.32	28.03	0.01	0.0016258	0.34	1.00378	0.16	1.0147	1.012E-19	26	OCT	2006	10	53	001	OSU3E06	Samoa	06C3540	01	FCT-3
06C3551	0.35 W	SAV-5 3E12-06	Groundmass 210-300 μ m	Savai'i Island, Samoa	Jamie Russell	0.35	28.03	0.01	0.0016258	0.34	1.00378	0.16	1.0146	1.012E-19	26	OCT	2006	11	54	001	OSU3E06	Samoa	06C3540	01	FCT-3
06C3552	0.44 W	SAV-5 3E12-06	Groundmass 210-300 μ m	Savai'i Island, Samoa	Jamie Russell	0.44	28.03	0.01	0.0016258	0.34	1.00378	0.16	1.0147	1.012E-19	26	OCT	2006	12	24	001	OSU3E06	Samoa	06C3540	01	FCT-3
06C3553	0.53 W	SAV-5 3E12-06	Groundmass 210-300 μ m	Savai'i Island, Samoa	Jamie Russell	0.53	28.03	0.01	0.0016258	0.34	1.00378	0.16	1.0148	1.012E-19	26	OCT	2006	12	55	001	OSU3E06	Samoa	06C3540	01	FCT-3
06C3555	0.65 W	SAV-5 3E12-06	Groundmass 210-300 μ m	Savai'i Island, Samoa	Jamie Russell	0.65	28.03	0.01	0.0016258	0.34	1.00378	0.16	1.0149	1.012E-19	26	OCT	2006	13	56	001	OSU3E06	Samoa	06C3540	01	FCT-3
06C3556	0.85 W	SAV-5 3E12-06	Groundmass 210-300 μ m	Savai'i Island, Samoa	Jamie Russell	0.85	28.03	0.01	0.0016258	0.34	1.00378	0.16	1.0143	1.012E-19	26	OCT	2006	14	26	001	OSU3E06	Samoa	06C3540	01	FCT-3
06C3557	0.91 W	SAV-5 3E12-06	Groundmass 210-300 μ m	Savai'i Island, Samoa	Jamie Russell	0.91	28.03	0.01	0.0016258	0.34	1.00378	0.16	1.0143	1.012E-19	26	OCT	2006	14	56	001	OSU3E06	Samoa	06C3540	01	FCT-3
06C3559	1.15 W	SAV-5 3E12-06	Groundmass 210-300 μ m	Savai'i Island, Samoa	Jamie Russell	1.15	28.03	0.01	0.0016258	0.34	1.00378	0.16	1.0146	1.012E-19	26	OCT	2006	16	00	001	OSU3E06	Samoa	06C3540	01	FCT-3
06C3560	1.36 W	SAV-5 3E12-06	Groundmass 210-300 μ m	Savai'i Island, Samoa	Jamie Russell	1.36	28.03	0.01	0.0016258	0.34	1.00378	0.16	1.015	1.012E-19	26	OCT	2006	16	27	001	OSU3E06	Samoa	06C3540	01	FCT-3
06C3561	1.65 W	SAV-5 3E12-06	Groundmass 210-300 μ m	Savai'i Island, Samoa	Jamie Russell	1.65	28.03	0.01	0.0016258	0.34	1.00378	0.16	1.0152	1.012E-19	26	OCT	2006	16	57	001	OSU3E06	Samoa	06C3540	01	FCT-3
06C3563	1.95 W	SAV-5 3E12-06	Groundmass 210-300 μ m	Savai'i Island, Samoa	Jamie Russell	1.95	28.03	0.01	0.0016258	0.34	1.00378	0.16	1.0149	1.012E-19	26	OCT	2006	18	04	001	OSU3E06	Samoa	06C3540	01	FCT-3
06C3564	2.39 W	SAV-5 3E12-06	Groundmass 210-300 μ m	Savai'i Island, Samoa	Jamie Russell	2.39	28.03	0.01	0.0016258	0.34	1.00378	0.16	1.0149	1.012E-19	26	OCT	2006	18	34	001	OSU3E06	Samoa	06C3540	01	FCT-3
06C3565	3.18 W	SAV-5 3E12-06	Groundmass 210-300 μ m	Savai'i Island, Samoa	Jamie Russell	3.18	28.03	0.01	0.0016258	0.34	1.00378	0.16	1.0147	1.012E-19	26	OCT	2006	19	04	001	OSU3E06	Samoa	06C3540	01	FCT-3
06C3567	4.78 W	SAV-5 3E12-06	Groundmass 210-300 μ m	Savai'i Island, Samoa	Jamie Russell	4.78	28.03	0.01	0.0016258	0.34	1.00378	0.16	1.0146	1.012E-19	26	OCT	2006	20	04	001	OSU3E06	Samoa	06C3540	01	FCT-3

Irradiation Constants	40/36(a)		40/36(c)		38/36(a)		38/36(c)		39/37(ca)		38/37(ca)		36/37(ca)		40/39(k)		38/39(k)		36/38(cl)		K/Ca	K/Cl	Ca/Cl				
	W	%1σ	W	%1σ	W	%1σ	W	%1σ	W	%1σ	W	%1σ	W	%1σ	W	%1σ	W	%1σ	W	%1σ							
06C3540	0.00	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
06C3541	0.01	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
06C3543	0.06	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
06C3544	0.09	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
06C3545	0.18	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
06C3547	0.21	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
06C3548	0.27	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
06C3549	0.32	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
06C3551	0.35	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
06C3552	0.44	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
06C3553	0.53	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
06C3555	0.65	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
06C3556	0.85	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
06C3557	0.91	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
06C3559	1.15	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
06C3560	1.36	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
06C3561	1.65	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
06C3563	1.95	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
06C3564	2.39	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
06C3565	3.18	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
06C3567	4.78	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

06C3540.AGE >>> SAV-5 3E12-06 >>> SAMOA PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

5.01 ± 0.04

TOTAL FUSION

5.02 ± 0.04

NORMAL ISOCHRON

5.02 ± 0.04

INVERSE ISOCHRON

5.02 ± 0.04

MSWD (PROBABILITY)

1.61 (4%)

Sample Info

Groundmass 210-300µm

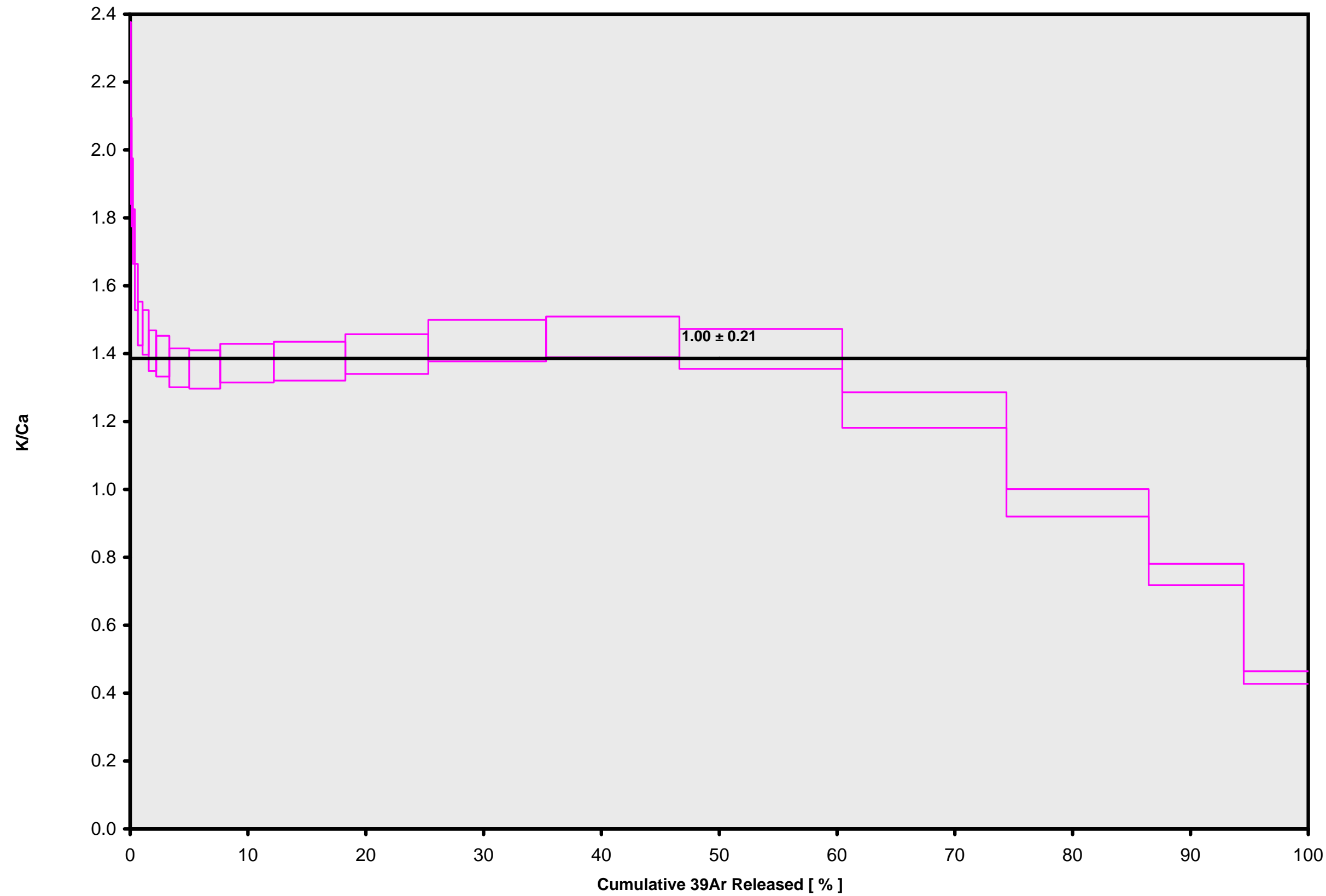
Savai'i Island, Samoa

Jamie Russell

IRR = OSU3E06

J = 0.00162580 ± 0.00000553

06C3540.AGE >>> SAV-5 3E12-06 >>> SAMOA PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

5.01 ± 0.04

TOTAL FUSION

5.02 ± 0.04

NORMAL ISOCHRON

5.02 ± 0.04

INVERSE ISOCHRON

5.02 ± 0.04

Sample Info

Groundmass 210-300 μ m

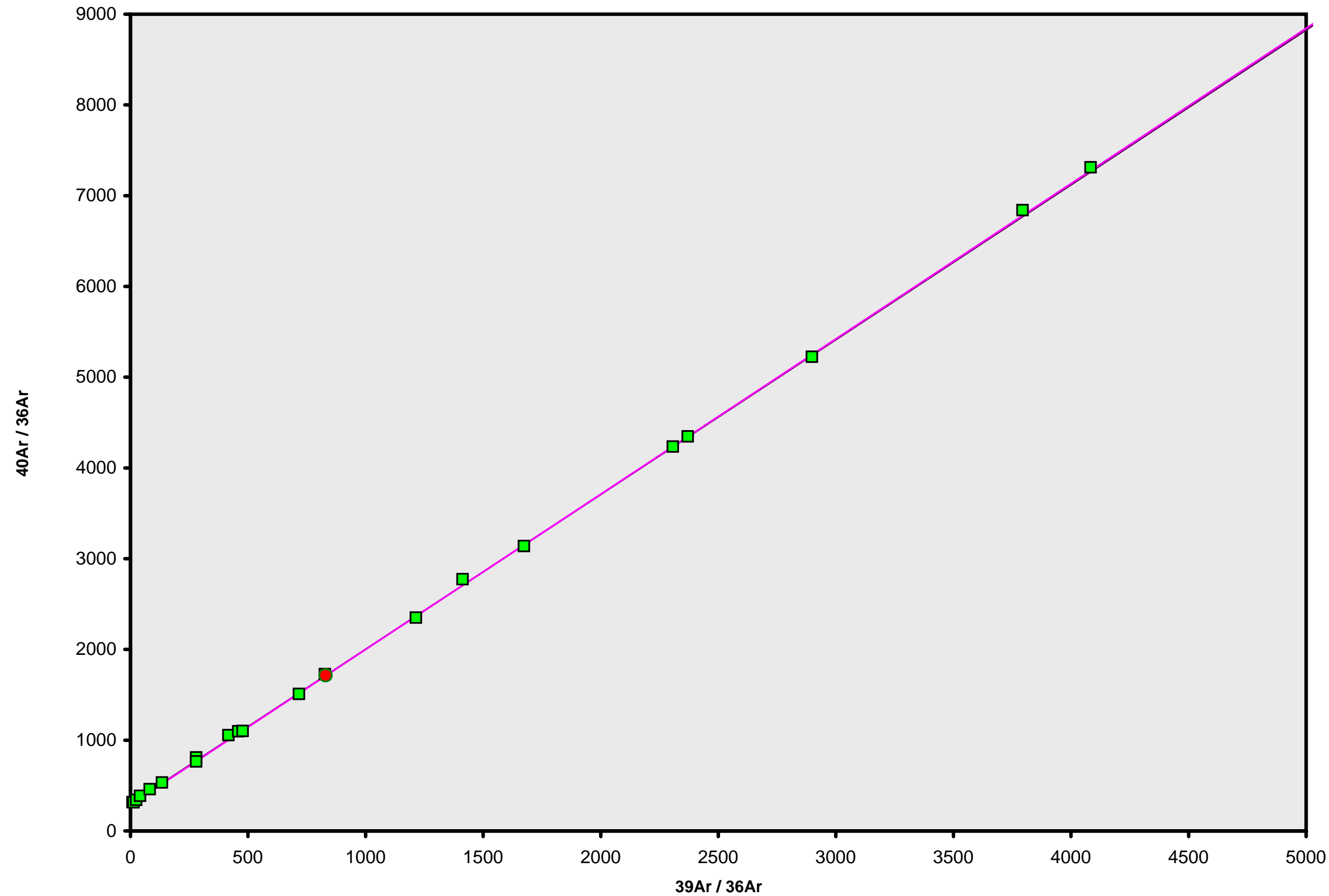
Savai'i Island, Samoa

Jamie Russell

IRR = OSU3E06

J = $0.00162580 \pm 0.00000553$

06C3540.AGE >>> SAV-5 3E12-06 >>> SAMOA PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

5.01 ± 0.04

TOTAL FUSION

5.02 ± 0.04

NORMAL ISOCHRON

5.02 ± 0.04

INVERSE ISOCHRON

5.02 ± 0.04

MSWD (PROBABILITY)

1.34 (15%)

40AR/36AR INTERCEPT

288.1 ± 7.8

Sample Info

Groundmass 210-300µm

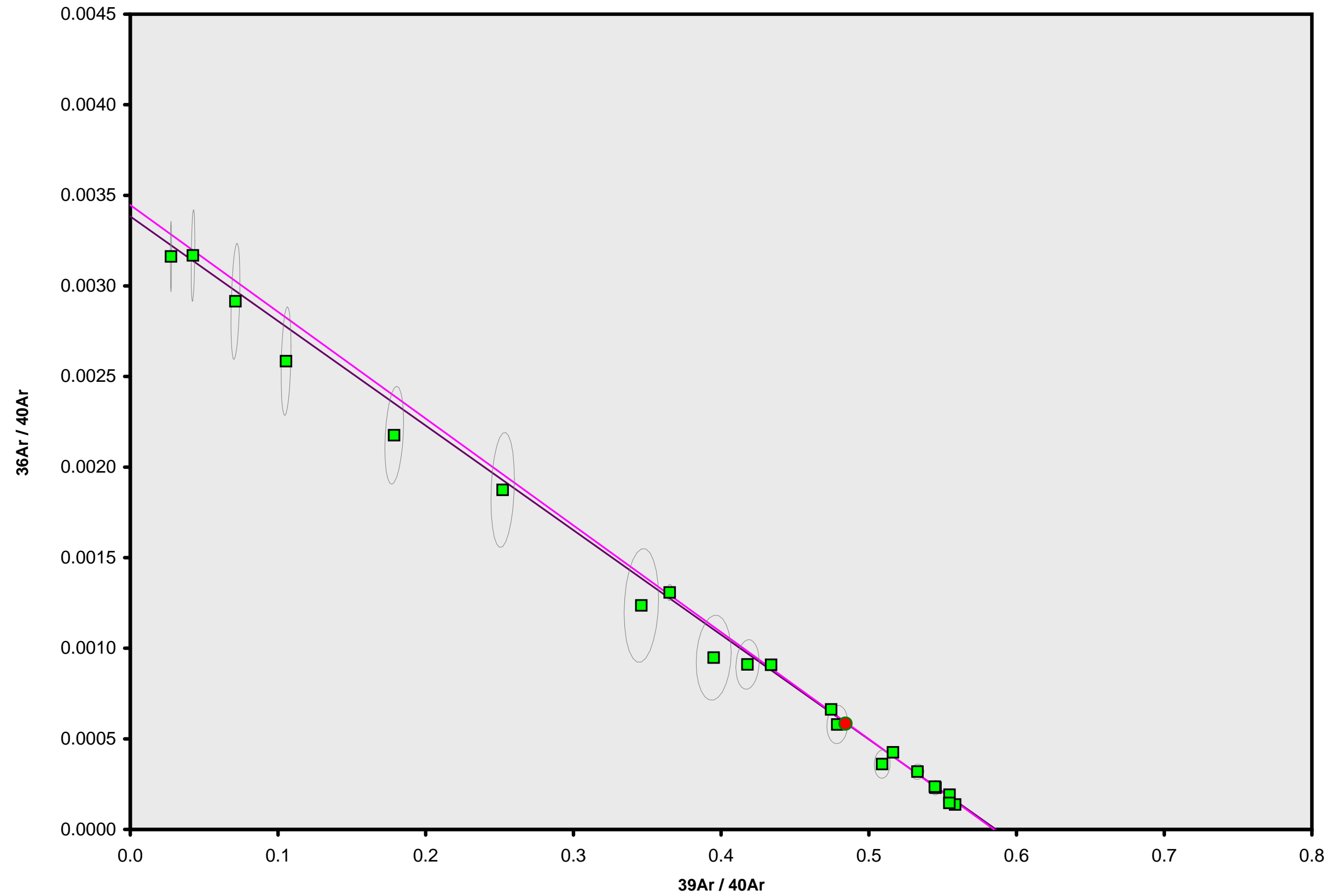
Savai'i Island, Samoa

Jamie Russell

IRR = OSU3E06

J = 0.00162580 ± 0.00000553

06C3540.AGE >>> SAV-5 3E12-06 >>> SAMOA PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

5.01 ± 0.04

TOTAL FUSION

5.02 ± 0.04

NORMAL ISOCHRON

5.02 ± 0.04

INVERSE ISOCHRON

5.02 ± 0.04

MSWD (PROBABILITY)

1.56 (6%)

SPREADING FACTOR

90.8%

40AR/36AR INTERCEPT

290.1 ± 8.3

Sample Info

Groundmass 210-300 μm

Savai'i Island, Samoa

Jamie Russell

IRR = OSU3E06

J = $0.00162580 \pm 0.00000553$