Incremental Heating			36Ar(a) [V]	37Ar(ca) [V]	38Ar(cl) [V]	39Ar(k) [V]	40Ar(r) [V]	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
11C2683	2.0 %		0.0002429	0.0006542	0.0000000	0.0002681	0.0017685	31.20 ± 169.86	2.40	0.06	0.176 ± 0.042
11C2684	2.4 %		0.0002391	0.0013069	0.0000000	0.0005491	0.0022707	19.62 ± 58.90	3.11	0.12	0.181 ± 0.026
11C2686	2.8 %		0.0002827	0.0031604	0.0000000	0.0016959	0.0269625	74.28 ± 23.51	24.40	0.38	0.231 ± 0.019
11C2687	2.9 %		0.0001808	0.0018762	0.0000000	0.0011326	0.0129202	53.61 ± 23.48	19.47	0.26	0.260 ± 0.025
11C2688	3.1 %		0.0001868	0.0029503	0.0000000	0.0022686	0.0346871	71.49 ± 11.45	38.59	0.51	0.331 ± 0.016
11C2690	3.4 %		0.0002108	0.0049527	0.0000000	0.0039602	0.0600409	70.90 ± 8.34	49.07	0.89	0.344 ± 0.020
11C2691	3.7 %		0.0002527	0.0078773	0.0000000	0.0066751	0.0991580	69.50 ± 3.83	57.04	1.51	0.364 ± 0.014
11C2692	4.1 %		0.0003180	0.0117233	0.0000245	0.0104944	0.1490227	66.49 ± 3.25	61.33	2.37	0.385 ± 0.016
11C2694	4.5 %		0.0003159	0.0164731	0.0000108	0.0149321	0.2130543	66.80 ± 2.19	69.53	3.37	0.390 ± 0.014
11C2695	5.0 %	✓	0.0003488	0.0223889	0.0000194	0.0207093	0.2853089	64.54 ± 1.50	73.46	4.68	0.398 ± 0.013
11C2696	5.5 %	✓	0.0003035	0.0272217	0.0000102	0.0251234	0.3459965	64.52 ± 1.64	79.41	5.68	0.397 ± 0.013
11C2699	6.0 %	✓	0.0002384	0.0305217	0.0000000	0.0268718	0.3695759	64.43 ± 1.21	83.99	6.07	0.379 ± 0.013
11C2700	6.5 %	✓	0.0002411	0.0343507	0.0000000	0.0299843	0.4116650	64.32 ± 0.55	85.24	6.77	0.375 ± 0.013
11C2701	7.0 %	✓	0.0002229	0.0381077	0.0000379	0.0316922	0.4353132	64.35 ± 0.73	86.85	7.16	0.358 ± 0.012
11C2703	7.5 %	✓	0.0001840	0.0308416	0.0000171	0.0252615	0.3469159	64.34 ± 0.98	86.45	5.71	0.352 ± 0.012
11C2704	8.0 %	✓	0.0001899	0.0318028	0.0000092	0.0253884	0.3472556	64.09 ± 0.74	86.08	5.74	0.343 ± 0.012
11C2705	8.5 %	✓	0.0001680	0.0340023	0.0000048	0.0258304	0.3535243	64.13 ± 0.55	87.68	5.84	0.327 ± 0.011
11C2707	9.0 %	✓	0.0001509	0.0321275	0.0000265	0.0226445	0.3065741	63.44 ± 0.81	87.30	5.12	0.303 ± 0.010
11C2708	9.6 %	✓	0.0001410	0.0306497	0.0000051	0.0199612	0.2706069	63.53 ± 0.72	86.65	4.51	0.280 ± 0.010
11C2709	10.4 %	✓	0.0001501	0.0385017	0.0000138	0.0222844	0.3028629	63.69 ± 0.68	87.22	5.04	0.249 ± 0.008
11C2711	11.4 %		0.0001382	0.0400971	0.0000000	0.0201445	0.2691783	62.63 ± 0.65	86.82	4.55	0.216 ± 0.007
11C2712	12.6 %		0.0001698	0.0494893	0.0000058	0.0206735	0.2738661	62.10 ± 0.82	84.51	4.67	0.180 ± 0.006
11C2713	14.0 %		0.0001661	0.0579052	0.0000000	0.0187820	0.2517233	62.82 ± 0.86	83.67	4.24	0.139 ± 0.005
11C2716	15.4 %		0.0001184	0.1082661	0.0000277	0.0205563	0.2740359	62.49 ± 1.54	88.67	4.64	0.082 ± 0.003
11C2717	17.0 %		0.0001384	0.0842935	0.0000190	0.0130470	0.1810672	65.01 ± 2.15	81.57	2.95	0.067 ± 0.002
11C2718	19.2 %		0.0002024	0.0628401	0.0000171	0.0085121	0.1232500	67.77 ± 3.58	67.32	1.92	0.058 ± 0.002
11C2720	22.0 %		0.0002614	0.0447281	0.0000049	0.0061084	0.0790660	60.70 ± 4.40	50.58	1.38	0.059 ± 0.002
11C2721	27.0 %		0.0005177	0.0651676	0.0000000	0.0064442	0.0790707	57.59 ± 2.43	34.07	1.46	0.043 ± 0.001
11C2722	35.0 %		0.0010784	0.1689440	0.0000244	0.0105830	0.1389634	61.57 ± 3.20	30.37	2.39	0.027 ± 0.001
		Σ	0.0073591	1.0832217	0.0002782	0.4425784	6.0457051				

Information on Analysis
Sample = 330-U1376A-23R-3 33-37 CI
Material = Groundmass 213-300µm
Location = Burton Guyot, Site U1376
Analyst = Anthony Koppers
Project = LOUISVILLE
Mass Discrimination Law = LIN
Irradiation = OSU3A11
J = 0.00264380 ± 0.00000820
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	13.67053	± 0.05058	64.05	± 0.45	0.88	62.31	0.328 ± 0.031
		± 0.37%		± 0.71%	56%	11	
		Minimal External Error		± 1.11	1.89	2σ Confidence Limit	
		Analytical Error		± 0.23	1.0000	Error Magnification	
Total Fusion Age	13.66019	± 0.07281	64.00	± 0.51		29	0.176 ± 0.002
		± 0.53%		± 0.80%			
		Minimal External Error		± 1.14			
		Analytical Error		± 0.34			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
11C2683	2.0 %		1.10 ± 0.21	302.78 ± 40.94	0.7091
11C2684	2.4 %		2.30 ± 0.29	305.00 ± 29.54	0.7439
11C2686	2.8 %		6.00 ± 0.63	390.87 ± 40.64	0.9824
11C2687	2.9 %		6.26 ± 0.70	366.95 ± 39.35	0.9633
11C2688	3.1 %		12.15 ± 1.25	481.22 ± 49.16	0.9922
11C2690	3.4 %		18.78 ± 2.17	580.28 ± 66.89	0.9980
11C2691	3.7 %		26.42 ± 1.96	687.93 ± 50.76	0.9944
11C2692	4.1 %		33.00 ± 2.58	764.14 ± 59.44	0.9945
11C2694	4.5 %		47.27 ± 3.57	969.92 ± 73.19	0.9988
11C2695	5.0 %	✓	59.37 ± 3.83	1113.46 ± 71.81	0.9983
11C2696	5.5 %	✓	82.79 ± 8.10	1435.64 ± 140.43	0.9987
11C2699	6.0 %	✓	112.74 ± 10.86	1846.03 ± 177.74	0.9986
11C2700	6.5 %	✓	124.37 ± 5.88	2003.08 ± 94.64	0.9985
11C2701	7.0 %	✓	142.18 ± 10.19	2248.45 ± 161.08	0.9988
11C2703	7.5 %	✓	137.31 ± 13.35	2181.24 ± 212.00	0.9996
11C2704	8.0 %	✓	133.71 ± 8.50	2124.29 ± 135.20	0.9967
11C2705	8.5 %	✓	153.77 ± 8.89	2400.05 ± 138.61	0.9984
11C2707	9.0 %	✓	150.07 ± 12.85	2327.23 ± 199.26	0.9993
11C2708	9.6 %	✓	141.55 ± 9.88	2214.40 ± 154.59	0.9983
11C2709	10.4 %	✓	148.49 ± 10.42	2313.62 ± 162.24	0.9987
11C2711	11.4 %		145.74 ± 9.50	2242.93 ± 146.22	0.9986
11C2712	12.6 %		121.77 ± 8.43	1908.62 ± 132.00	0.9982
11C2713	14.0 %		113.05 ± 7.91	1810.65 ± 126.66	0.9993
11C2716	15.4 %		173.62 ± 33.66	2610.04 ± 505.98	0.9998
11C2717	17.0 %		94.28 ± 13.97	1603.87 ± 237.49	0.9996
11C2718	19.2 %		42.05 ± 4.65	904.40 ± 99.95	0.9995
11C2720	22.0 %		23.36 ± 1.76	597.93 ± 44.86	0.9955
11C2721	27.0 %		12.45 ± 0.27	448.23 ± 9.75	0.9672
11C2722	35.0 %		9.81 ± 0.24	424.36 ± 9.58	0.9190

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	319.75 ± 31.07 ± 9.72%	13.48275 ± 0.23982 ± 1.78%	63.19 ± 1.17 ± 1.85%	0.71 70%
		Minimal External Error	± 1.54	
		Analytical Error	± 1.10	

Statistics				
	2σ Confidence Limit	1.94	Convergence	0.000000128934
	Error Magnification	1.0000	Number of Iterations	154
	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.
11C2683	2.0 %		0.0036442 ± 0.0004835	0.00330274 ± 0.00044657	0.0135
11C2684	2.4 %		0.0075290 ± 0.0006316	0.00327874 ± 0.00031760	0.0425
11C2686	2.8 %		0.0153468 ± 0.0003019	0.00255840 ± 0.00026599	0.0191
11C2687	2.9 %		0.0170692 ± 0.0005093	0.00272513 ± 0.00029221	0.0053
11C2688	3.1 %		0.0252409 ± 0.0003243	0.00207803 ± 0.00021230	0.0175
11C2690	3.4 %		0.0323698 ± 0.0002341	0.00172330 ± 0.00019866	0.0146
11C2691	3.7 %		0.0384017 ± 0.0003006	0.00145363 ± 0.00010726	0.0110
11C2692	4.1 %		0.0431890 ± 0.0003538	0.00130866 ± 0.00010179	0.0037
11C2694	4.5 %		0.0487332 ± 0.0001807	0.00103101 ± 0.00007780	0.0180
11C2695	5.0 %	✓	0.0533220 ± 0.0002000	0.00089810 ± 0.00005792	0.0165
11C2696	5.5 %	✓	0.0576660 ± 0.0002880	0.00069655 ± 0.00006813	0.0199
11C2699	6.0 %	✓	0.0610710 ± 0.0003097	0.00054170 ± 0.00005215	0.0234
11C2700	6.5 %	✓	0.0620915 ± 0.0001629	0.00049923 ± 0.00002359	0.0253
11C2701	7.0 %	✓	0.0632352 ± 0.0002221	0.00044475 ± 0.00003186	0.0227
11C2703	7.5 %	✓	0.0629525 ± 0.0001767	0.00045845 ± 0.00004456	0.0158
11C2704	8.0 %	✓	0.0629413 ± 0.0003247	0.00047075 ± 0.00002996	0.0522
11C2705	8.5 %	✓	0.0640693 ± 0.0002108	0.00041666 ± 0.00002406	0.0161
11C2707	9.0 %	✓	0.0644844 ± 0.0002055	0.00042970 ± 0.00003679	0.0200
11C2708	9.6 %	✓	0.0639210 ± 0.0002605	0.00045159 ± 0.00003153	0.0267
11C2709	10.4 %	✓	0.0641816 ± 0.0002319	0.00043222 ± 0.00003031	0.0155
11C2711	11.4 %		0.0649775 ± 0.0002237	0.00044584 ± 0.00002907	0.0315
11C2712	12.6 %		0.0638001 ± 0.0002670	0.00052394 ± 0.00003624	0.0207
11C2713	14.0 %		0.0624365 ± 0.0001575	0.00055229 ± 0.00003863	0.0238
11C2716	15.4 %		0.0665203 ± 0.0002395	0.00038314 ± 0.00007428	0.0050
11C2717	17.0 %		0.0587805 ± 0.0002541	0.00062349 ± 0.00009232	0.0006
11C2718	19.2 %		0.0464980 ± 0.0001703	0.00110571 ± 0.00012219	0.0053
11C2720	22.0 %		0.0390762 ± 0.0002795	0.00167244 ± 0.00012547	0.0080
11C2721	27.0 %		0.0277699 ± 0.0001556	0.00223101 ± 0.00004853	0.0893
11C2722	35.0 %		0.0231261 ± 0.0002223	0.00235647 ± 0.00005320	0.0178

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	319.23 ± 31.67	13.49214 ± 0.24214	63.23 ± 1.18	0.69
	± 9.92%	± 1.79%	± 1.87%	72%
			Minimal External Error ± 1.55	
			Analytical Error ± 1.12	

Statistics				
	2σ Confidence Limit	1.94	Convergence	0.0000000197
	Error Magnification	1.0000	Number of Iterations	4
	Number of Data Points	11	Calculated Line	Weighted York-2
	Spreading Factor	15.1%		

Relative Abundances			36Ar [V]	%1σ	37Ar [V]	%1σ	38Ar [V]	%1σ	39Ar [V]	%1σ	40Ar [V]	%1σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
11C2683	2.0 %		0.0002431	6.711	0.0006542	9.806	0.0000376	47.600	0.0002685	6.578	0.0735589	0.779	6.59733 ± 36.23395	31.20 ± 169.86	2.40	0.06	0.176 ± 0.042
11C2684	2.4 %		0.0002395	4.746	0.0013069	5.854	0.0000437	54.626	0.0005500	4.084	0.0729360	0.930	4.13514 ± 12.48481	19.62 ± 58.90	3.11	0.12	0.181 ± 0.026
11C2686	2.8 %		0.0002836	5.174	0.0031604	3.979	0.0000695	18.558	0.0016980	0.932	0.1105068	0.312	15.89867 ± 5.13710	74.28 ± 23.51	24.40	0.38	0.231 ± 0.019
11C2687	2.9 %		0.0001813	5.343	0.0018762	4.520	0.0000378	31.192	0.0011338	1.476	0.0663530	0.206	11.40787 ± 5.07193	53.61 ± 23.48	19.47	0.26	0.260 ± 0.025
11C2688	3.1 %		0.0001875	5.081	0.0029503	2.347	0.0000594	21.723	0.0022706	0.595	0.0898789	0.240	15.29033 ± 2.49664	71.49 ± 11.45	38.59	0.51	0.331 ± 0.016
11C2690	3.4 %		0.0002121	5.726	0.0049527	2.902	0.0000659	29.773	0.0039635	0.317	0.1223454	0.174	15.16120 ± 1.81843	70.90 ± 8.34	49.07	0.89	0.344 ± 0.020
11C2691	3.7 %		0.0002548	3.657	0.0078773	1.884	0.0001060	14.062	0.0066804	0.370	0.1738300	0.126	14.85490 ± 0.83479	69.50 ± 3.83	57.04	1.51	0.364 ± 0.014
11C2692	4.1 %		0.0003211	3.851	0.0117233	2.009	0.0002050	8.239	0.0105023	0.402	0.2429990	0.077	14.20018 ± 0.70651	66.49 ± 3.25	61.33	2.37	0.385 ± 0.016
11C2694	4.5 %		0.0003203	3.720	0.0164731	1.793	0.0002421	8.599	0.0149432	0.147	0.3064198	0.112	14.26823 ± 0.47565	66.80 ± 2.19	69.53	3.37	0.390 ± 0.014
11C2695	5.0 %	✓	0.0003547	3.169	0.0223889	1.662	0.0003234	4.338	0.0207243	0.159	0.3884018	0.100	13.77688 ± 0.32595	64.54 ± 1.50	73.46	4.68	0.398 ± 0.013
11C2696	5.5 %	✓	0.0003107	4.775	0.0272217	1.656	0.0003567	5.002	0.0251418	0.195	0.4356967	0.156	13.77186 ± 0.35718	64.52 ± 1.64	79.41	5.68	0.397 ± 0.013
11C2699	6.0 %	✓	0.0002464	4.653	0.0305217	1.673	0.0003430	4.275	0.0268924	0.189	0.4400367	0.169	13.75328 ± 0.26339	64.43 ± 1.21	83.99	6.07	0.379 ± 0.013
11C2700	6.5 %	✓	0.0002502	2.274	0.0343507	1.666	0.0003799	4.742	0.0300074	0.097	0.4829349	0.089	13.72937 ± 0.11875	64.32 ± 0.55	85.24	6.77	0.375 ± 0.013
11C2701	7.0 %	✓	0.0002330	3.425	0.0381077	1.662	0.0004455	3.119	0.0317179	0.129	0.5012122	0.120	13.73565 ± 0.15756	64.35 ± 0.73	86.85	7.16	0.358 ± 0.012
11C2703	7.5 %	✓	0.0001921	4.652	0.0308416	1.667	0.0003432	3.882	0.0252823	0.094	0.4013039	0.104	13.73299 ± 0.21327	64.34 ± 0.98	86.45	5.71	0.352 ± 0.012
11C2704	8.0 %	✓	0.0001983	3.040	0.0318028	1.674	0.0003380	4.236	0.0254098	0.154	0.4033915	0.207	13.67774 ± 0.16063	64.09 ± 0.74	86.08	5.74	0.343 ± 0.012
11C2705	8.5 %	✓	0.0001770	2.739	0.0340023	1.671	0.0003348	5.017	0.0258532	0.139	0.4031887	0.087	13.68639 ± 0.12044	64.13 ± 0.55	87.68	5.84	0.327 ± 0.011
11C2707	9.0 %	✓	0.0001594	4.051	0.0321275	1.680	0.0003169	5.697	0.0226662	0.108	0.3511860	0.117	13.53854 ± 0.17486	63.44 ± 0.81	87.30	5.12	0.303 ± 0.010
11C2708	9.6 %	✓	0.0001491	3.297	0.0306497	1.717	0.0002629	5.405	0.0199818	0.150	0.3122991	0.138	13.55665 ± 0.15724	63.53 ± 0.72	86.65	4.51	0.280 ± 0.010
11C2709	10.4 %	✓	0.0001602	3.281	0.0385017	1.686	0.0003008	4.395	0.0223104	0.151	0.3472317	0.099	13.59078 ± 0.14865	63.69 ± 0.68	87.22	5.04	0.249 ± 0.008
11C2711	11.4 %		0.0001488	3.023	0.0400971	1.679	0.0002560	5.161	0.0201715	0.109	0.3100432	0.133	13.36237 ± 0.14132	62.63 ± 0.65	86.82	4.55	0.216 ± 0.007
11C2712	12.6 %		0.0001828	3.207	0.0494893	1.664	0.0002797	5.394	0.0207068	0.170	0.3240554	0.122	13.24724 ± 0.17784	62.10 ± 0.82	84.51	4.67	0.180 ± 0.006
11C2713	14.0 %		0.0001814	3.198	0.0579052	1.672	0.0002470	5.567	0.0188209	0.073	0.3008360	0.103	13.40239 ± 0.18674	62.82 ± 0.86	83.67	4.24	0.139 ± 0.005
11C2716	15.4 %		0.0001470	7.801	0.1082661	1.681	0.0002988	3.829	0.0206291	0.153	0.3090433	0.093	13.33102 ± 0.33366	62.49 ± 1.54	88.67	4.64	0.082 ± 0.003
11C2717	17.0 %		0.0001606	6.374	0.0842935	1.681	0.0002050	6.167	0.0131037	0.213	0.2219749	0.031	13.87806 ± 0.46802	65.01 ± 2.15	81.57	2.95	0.067 ± 0.002
11C2718	19.2 %		0.0002190	5.105	0.0628401	1.673	0.0001606	8.701	0.0085544	0.167	0.1830719	0.073	14.47943 ± 0.77865	67.77 ± 3.58	67.32	1.92	0.058 ± 0.002
11C2720	22.0 %		0.0002732	3.587	0.0447281	1.700	0.0001295	8.968	0.0061385	0.341	0.1563273	0.104	12.94374 ± 0.95404	60.70 ± 4.40	50.58	1.38	0.059 ± 0.002
11C2721	27.0 %		0.0005349	1.039	0.0651676	1.680	0.0001723	4.261	0.0064881	0.225	0.2320645	0.165	12.27000 ± 0.52704	57.59 ± 2.43	34.07	1.46	0.043 ± 0.001
11C2722	35.0 %		0.0011230	1.078	0.1689440	1.694	0.0003699	2.959	0.0106967	0.465	0.4576337	0.098	13.13078 ± 0.69355	61.57 ± 3.20	30.37	2.39	0.027 ± 0.001
		Σ	0.0076451	0.699	1.0832217	0.432	0.0067308	1.215	0.4433074	0.036	8.2207610	0.028					

Information on Analysis and Constants Used in Calculations

Sample = 330-U1376A-23R-3 33-37 CM
Material = Groundmass 213-300µm
Location = Burton Guyot, Site U1376
Analyst = Anthony Koppers
Project = LOUISVILLE
Mass Discrimination Law = LIN
Irradiation = OSU3A11
J = 0.00264380 ± 0.00000820
FCT-3 = 28.030 ± 0.003 Ma
IGSN = KOP000025
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 = Basaltic Lava
Lat-Lon = 32°13.0'S - 171°52.8'W
Feature = Seamount

Age Equations = Conventional
Negative Intensities = Allowed
Decay Constant 40K = 5.543 ± 0.044 E-10 1/a
Decay Constant 39Ar = 2.940 ± 0.029 E-07 1/h
Decay Constant 37Ar = 8.230 ± 0.082 E-04 1/h
Decay Constant 36Cl = 2.236 ± 0.045 E-06 1/a
Atmospheric Ratio 40/36(a) = 295.50
Atmospheric Ratio 38/36(a) = 0.1869
Production Ratio 39/37(ca) = 0.000673
Production Ratio 38/37(ca) = 0.000139
Production Ratio 36/37(ca) = 0.000264
Production Ratio 40/39(k) = 0.001010
Production Ratio 38/39(k) = 0.011380
Production Ratio 36/38(cl) = 316.00 ± 15.80
Scaling Ratio K/Ca = 0.430

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau		13.67053 ± 0.05058	64.05 ± 0.45	0.88	62.31	0.328 ± 0.031
		± 0.37%	± 0.71%	56%	11	
		Minimal External Error	± 1.11	1.89	2σ Confidence Limit	
		Analytical Error	± 0.23	1.0000	Error Magnification	
Total Fusion Age		13.66019 ± 0.07281	64.00 ± 0.51		29	0.176 ± 0.002
		± 0.53%	± 0.80%			
		Minimal External Error	± 1.14			
		Analytical Error	± 0.34			
Normal Isochron	319.75 ± 31.07	13.48275 ± 0.23982	63.19 ± 1.17	0.71	62.31	
	± 9.72%	± 1.78%	± 1.85%	70%	11	
		Minimal External Error	± 1.54	1.94	2σ Confidence Limit	
		Analytical Error	± 1.10	1.0000	Error Magnification	
				154	Number of Iterations	
				0.0000001289	Convergence	
Inverse Isochron	319.23 ± 31.67	13.49214 ± 0.24214	63.23 ± 1.18	0.69	62.31	
	± 9.92%	± 1.79%	± 1.87%	72%	11	
		Minimal External Error	± 1.55	1.94	2σ Confidence Limit	

Degassing Patterns			36Ar(a) [V]	%1σ	36Ar(c) [V]	%1σ	36Ar(ca) [V]	%1σ	36Ar(cl) [V]	%1σ	37Ar(ca) [V]	%1σ	38Ar(a) [V]	%1σ	38Ar(c) [V]	%1σ	38Ar(k) [V]	%1σ	38Ar(ca) [V]	%1σ	38Ar(cl) [V]	%1σ	39Ar(k) [V]	%1σ	39Ar(ca) [V]	%1σ	40Ar(r) [V]	%1σ	40Ar(a) [V]	%1σ	40Ar(c) [V]	%1σ	40Ar(k) [V]	%1σ
11C2683	2.0 %		0.0002429	6.72	0.0000000	0.00	0.0000002	9.81	0.0000000	0.00	0.0006542	9.81	0.0000454	6.72	0.0000000	0.00	0.0000031	6.59	0.0000001	9.81	0.0000000	0.00	0.0002681	6.59	0.0000004	9.81	0.0017685	274.53	0.0717901	6.72	0.0000000	0.00	0.0000003	6.59
11C2684	2.4 %		0.0002391	4.75	0.0000000	0.00	0.0000003	5.85	0.0000000	0.00	0.0013069	5.85	0.0000447	4.75	0.0000000	0.00	0.0000062	4.09	0.0000002	5.85	0.0000000	0.00	0.0005491	4.09	0.0000009	5.85	0.0022707	150.90	0.0706647	4.75	0.0000000	0.00	0.0000006	4.09
11C2686	2.8 %		0.0002827	5.19	0.0000000	0.00	0.0000008	3.98	0.0000000	0.00	0.0031604	3.98	0.0000528	5.19	0.0000000	0.00	0.0000193	0.93	0.0000004	3.98	0.0000000	0.00	0.0016959	0.93	0.0000021	3.98	0.0269625	16.13	0.0835426	5.19	0.0000000	0.00	0.0000017	0.93
11C2687	2.9 %		0.0001808	5.36	0.0000000	0.00	0.0000005	4.52	0.0000000	0.00	0.0018762	4.52	0.0000338	5.36	0.0000000	0.00	0.0000129	1.48	0.0000003	4.52	0.0000000	0.00	0.0011326	1.48	0.0000013	4.52	0.0129202	22.18	0.0534316	5.36	0.0000000	0.00	0.0000011	1.48
11C2688	3.1 %		0.0001868	5.10	0.0000000	0.00	0.0000008	2.35	0.0000000	0.00	0.0029503	2.35	0.0000349	5.10	0.0000000	0.00	0.0000258	0.60	0.0000004	2.35	0.0000000	0.00	0.0022686	0.60	0.0000020	2.35	0.0346871	8.14	0.0551895	5.10	0.0000000	0.00	0.0000023	0.60
11C2690	3.4 %		0.0002108	5.76	0.0000000	0.00	0.0000013	2.90	0.0000000	0.00	0.0049527	2.90	0.0000394	5.76	0.0000000	0.00	0.0000451	0.32	0.0000007	2.90	0.0000000	0.00	0.0039602	0.32	0.0000033	2.90	0.0600409	5.99	0.0623004	5.76	0.0000000	0.00	0.0000040	0.32
11C2691	3.7 %		0.0002527	3.69	0.0000000	0.00	0.0000021	1.88	0.0000000	0.00	0.0078773	1.88	0.0000472	3.69	0.0000000	0.00	0.0000760	0.37	0.0000011	1.88	0.0000000	0.00	0.0066751	0.37	0.0000053	1.88	0.0991580	2.79	0.0746652	3.69	0.0000000	0.00	0.0000067	0.37
11C2692	4.1 %		0.0003180	3.89	0.0000000	0.00	0.0000031	2.01	0.0000000	69.85	0.0117233	2.01	0.0000594	3.89	0.0000000	0.00	0.0001194	0.40	0.0000016	2.01	0.0000245	70.06	0.0104944	0.40	0.0000079	2.01	0.1490227	2.45	0.0939657	3.89	0.0000000	0.00	0.0000106	0.40
11C2694	4.5 %		0.0003159	3.77	0.0000000	0.00	0.0000043	1.79	0.0000000	193.86	0.0164731	1.79	0.0000590	3.77	0.0000000	0.00	0.0001699	0.15	0.0000023	1.79	0.0000108	193.93	0.0149321	0.15	0.0000111	1.79	0.2130543	1.66	0.0933504	3.77	0.0000000	0.00	0.0000151	0.15
11C2695	5.0 %	✓	0.0003488	3.22	0.0000000	0.00	0.0000059	1.66	0.0000000	73.34	0.0223889	1.66	0.0000652	3.22	0.0000000	0.00	0.0002357	0.16	0.0000031	1.66	0.0000194	73.53	0.0207093	0.16	0.0000151	1.66	0.2853089	1.17	0.1030720	3.22	0.0000000	0.00	0.0000209	0.16
11C2696	5.5 %	✓	0.0003035	4.89	0.0000000	0.00	0.0000072	1.66	0.0000000	176.40	0.0272217	1.66	0.0000567	4.89	0.0000000	0.00	0.0002859	0.20	0.0000038	1.66	0.0000102	176.48	0.0251234	0.20	0.0000183	1.66	0.3459965	1.28	0.0896748	4.89	0.0000000	0.00	0.0000254	0.20
11C2699	6.0 %	✓	0.0002384	4.81	0.0000000	0.00	0.0000081	1.67	0.0000000	0.00	0.0305217	1.67	0.0000445	4.81	0.0000000	0.00	0.0003058	0.19	0.0000042	1.67	0.0000000	0.00	0.0268718	0.19	0.0000205	1.67	0.3695759	0.94	0.0704336	4.81	0.0000000	0.00	0.0000271	0.19
11C2700	6.5 %	✓	0.0002411	2.36	0.0000000	0.00	0.0000091	1.67	0.0000000	0.00	0.0343507	1.67	0.0000451	2.36	0.0000000	0.00	0.0003412	0.10	0.0000048	1.67	0.0000000	0.00	0.0299843	0.10	0.0000231	1.67	0.4116650	0.42	0.0712396	2.36	0.0000000	0.00	0.0000303	0.10
11C2701	7.0 %	✓	0.0002229	3.58	0.0000000	0.00	0.0000101	1.66	0.0000000	37.32	0.0381077	1.66	0.0000417	3.58	0.0000000	0.00	0.0003607	0.13	0.0000053	1.66	0.0000379	37.71	0.0316922	0.13	0.0000256	1.66	0.4353132	0.56	0.0658670	3.58	0.0000000	0.00	0.0000320	0.13
11C2703	7.5 %	✓	0.0001840	4.86	0.0000000	0.00	0.0000081	1.67	0.0000000	78.92	0.0308416	1.67	0.0000344	4.86	0.0000000	0.00	0.0002875	0.09	0.0000043	1.67	0.0000171	79.11	0.0252615	0.09	0.0000208	1.67	0.3469159	0.77	0.0543626	4.86	0.0000000	0.00	0.0000255	0.09
11C2704	8.0 %	✓	0.0001899	3.18	0.0000000	0.00	0.0000084	1.67	0.0000000	157.10	0.0318028	1.67	0.0000355	3.18	0.0000000	0.00	0.0002889	0.15	0.0000044	1.67	0.0000092	157.19	0.0253884	0.15	0.0000214	1.67	0.3472556	0.57	0.0561103	3.18	0.0000000	0.00	0.0000256	0.15
11C2705	8.5 %	✓	0.0001680	2.89	0.0000000	0.00	0.0000090	1.67	0.0000000	352.66	0.0340023	1.67	0.0000314	2.89	0.0000000	0.00	0.0002939	0.14	0.0000047	1.67	0.0000048	352.70	0.0258304	0.14	0.0000229	1.67	0.3535243	0.42	0.0496383	2.89	0.0000000	0.00	0.0000261	0.14
11C2707	9.0 %	✓	0.0001509	4.28	0.0000000	0.00	0.0000085	1.68	0.0000000	68.43	0.0321275	1.68	0.0000282	4.28	0.0000000	0.00	0.0002577	0.11	0.0000045	1.68	0.0000265	68.65	0.0226445	0.11	0.0000216	1.68	0.3065741	0.64	0.0445889	4.28	0.0000000	0.00	0.0000229	0.11
11C2708	9.6 %	✓	0.0001410	3.49	0.0000000	0.00	0.0000081	1.72	0.0000000	279.81	0.0306497	1.72	0.0000264	3.49	0.0000000	0.00	0.0002272	0.15	0.0000043	1.72	0.0000051	279.86	0.0199612	0.15	0.0000206	1.72	0.2706069	0.56	0.0416720	3.49	0.0000000	0.00	0.0000202	0.15
11C2709	10.4 %	✓	0.0001501	3.50	0.0000000	0.00	0.0000102	1.69	0.0000000	96.13	0.0385017	1.69	0.0000280	3.50	0.0000000	0.00	0.0002536	0.15	0.0000054	1.69	0.0000138	96.28	0.0222844	0.15	0.0000259	1.69	0.3028629	0.53	0.0443463	3.50	0.0000000	0.00	0.0000225	0.15
11C2711	11.4 %		0.0001382	3.26	0.0000000	0.00	0.0000106	1.68	0.0000000	0.00	0.0400971	1.68	0.0000258	3.26	0.0000000	0.00	0.0002292	0.11	0.0000056	1.68	0.0000000	0.00	0.0201445	0.11	0.0000270	1.68	0.2691783	0.52	0.0408446	3.26	0.0000000	0.00	0.0000203	0.11
11C2712	12.6 %		0.0001698	3.46	0.0000000	0.00	0.0000131	1.66	0.0000000	261.20	0.0494893	1.66	0.0000317	3.46	0.0000000	0.00	0.0002353	0.17	0.0000069	1.66	0.0000058	261.26	0.0206735	0.17	0.0000333	1.66	0.2738661	0.65	0.0501684	3.46	0.0000000	0.00	0.0000209	0.17
11C2713	14.0 %		0.0001661	3.50	0.0000000	0.00	0.0000153	1.67	0.0000000	0.00	0.0579052	1.67	0.0000311	3.50	0.0000000	0.00	0.0002137	0.07	0.0000080	1.67	0.0000000	0.00	0.0187820	0.07	0.0000390	1.67	0.2517233	0.69	0.0490937	3.50	0.0000000	0.00	0.0000190	0.07
11C2716	15.4 %		0.0001184	9.69	0.0000000	0.00	0.0000286	1.68	0.0000000	42.41	0.1082661	1.68	0.0000221	9.69	0.0000000	0.00	0.0002339	0.15	0.0000150	1.68	0.0000277	42.75	0.0205563	0.15	0.0000729	1.68	0.2740359	1.24	0.0349865	9.69	0.0000000	0.00	0.0000208	0.15
11C2717	17.0 %		0.0001384	7.40	0.0000000	0.00	0.0000223	1.68	0.0000000	67.61	0.0842935	1.68	0.0000259	7.40	0.0000000	0.00	0.0001485	0.21	0.0000117	1.68	0.0000190	67.83	0.0130470	0.21	0.0000567	1.68	0.1810672	1.67	0.0408946	7.40	0.0000000	0.00	0.0000132	0.21
11C2718	19.2 %		0.0002024	5.53	0.0000000	0.00	0.0000166	1.67	0.0000000	82.69	0.0628401	1.67	0.0000378	5.53	0.0000000	0.00	0.0000969	0.17	0.0000087	1.67	0.0000171	82.87	0.0085121	0.17	0.0000423	1.67	0.1232500	2.68	0.0598133	5.53	0.0000000	0.00	0.0000086	0.17
11C2720	22.0 %		0.0002614	3.75	0.0000000	0.00	0.0000118	1.70	0.0000000	237.79	0.0447281	1.70	0.0000489	3.75	0.0000000	0.00	0.0000695	0.34	0.0000062	1.70	0.0000049	237.85	0.0061084	0.34	0.0000301	1.70	0.0790660	3.67	0.0772550	3.75	0.0000000	0.00	0.0000062	0.34
11C2721	27.0 %		0.0005177	1.08	0.0000000	0.00	0.0000172	1.68	0.0000000	0.00	0.0651676	1.68	0.0000968	1.08	0.0000000	0.00	0.0000733	0.23	0.0000091	1.68	0.0000000	0.00	0.0064442	0.23	0.0000439	1.68	0.0790707	2.14	0.1529873	1.08	0.0000000	0.00	0.0000065	0.23
11C2722	35.0 %		0.0010784	1.12	0.0000000	0.00	0.0000446	1.69	0.0000000	46.18	0.1689440	1.69	0.0002015	1.12	0.0000000	0.00	0.0001204	0.47	0.0000235	1.69	0.0000244	46.49	0.0105830	0.47	0.0001137	1.69	0.1389634	2.60	0.3186597	1.12	0.0000000	0.00	0.0000107	0.47
		Σ	0.0073591	0.73	0.0000000	0.00	0.0002860	0.43	0.0000000	22.22	1.0832217	0.43	0.0013754	0.73	0.0000000	0.00	0.0050365	0.04	0.0001506	0.43	0.0002782	22.32	0.4425784	0.04	0.0007290	0.43	6.0457051	0.26	2.1746088	0.73	0.0000000	0.00	0.0004470	0.04
		Σ							0.0076451	0.70	1.0832217	0.43									0.0068407	0.92			0.4433074	0.04							8.2207610	0.27

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
11C2683	2.0 %		273.963118	18.146071	2.436489	0.287686	0.905468	0.085085	82.055	5.077707	1.00058062	1.471E-14
11C2684	2.4 %		132.608584	5.554163	2.376199	0.169616	0.435413	0.027264	82.070	5.079240	1.00058073	1.459E-14
11C2686	2.8 %		65.079724	0.639420	1.861204	0.076052	0.166989	0.008778	82.100	5.082236	1.00058094	2.210E-14
11C2687	2.9 %		58.520845	0.872118	1.654732	0.078674	0.159911	0.008864	82.115	5.083770	1.00058104	1.327E-14
11C2688	3.1 %		39.584620	0.254097	1.299368	0.031464	0.082599	0.004226	82.130	5.085235	1.00058115	1.798E-14
11C2690	3.4 %		30.867996	0.111567	1.249577	0.036476	0.053523	0.003069	82.160	5.088235	1.00058136	2.447E-14
11C2691	3.7 %		26.020878	0.101773	1.179171	0.022635	0.038134	0.001402	82.175	5.089771	1.00058147	3.477E-14
11C2692	4.1 %		23.137662	0.094703	1.116255	0.022869	0.030573	0.001184	82.190	5.091307	1.00058157	4.860E-14
11C2694	4.5 %		20.505684	0.037997	1.102386	0.019828	0.021432	0.000798	82.220	5.094311	1.00058178	6.128E-14
11C2695	5.0 %	✓	18.741347	0.035135	1.080320	0.018034	0.017116	0.000543	82.235	5.095778	1.00058189	7.768E-14
11C2696	5.5 %	✓	17.329601	0.043252	1.082729	0.018050	0.012356	0.000590	82.250	5.097316	1.00058200	8.714E-14
11C2699	6.0 %	✓	16.362876	0.041475	1.134956	0.019111	0.009163	0.000427	82.916	5.164811	1.00058670	8.801E-14
11C2700	6.5 %	✓	16.093871	0.021097	1.144741	0.019106	0.008336	0.000190	82.931	5.166299	1.00058680	9.659E-14
11C2701	7.0 %	✓	15.802205	0.027740	1.201459	0.020028	0.007345	0.000252	82.946	5.167858	1.00058691	1.002E-13
11C2703	7.5 %	✓	15.872950	0.022262	1.219891	0.020369	0.007599	0.000354	82.976	5.170907	1.00058712	8.026E-14
11C2704	8.0 %	✓	15.875449	0.040940	1.251598	0.021035	0.007803	0.000238	82.991	5.172468	1.00058723	8.068E-14
11C2705	8.5 %	✓	15.595286	0.025636	1.315206	0.022048	0.006845	0.000188	83.006	5.173958	1.00058733	8.064E-14
11C2707	9.0 %	✓	15.493840	0.024671	1.417421	0.023860	0.007032	0.000285	83.037	5.177223	1.00058756	7.024E-14
11C2708	9.6 %	✓	15.629166	0.031829	1.533879	0.026440	0.007463	0.000246	83.053	5.178786	1.00058766	6.246E-14
11C2709	10.4 %	✓	15.563703	0.028088	1.725733	0.029213	0.007182	0.000236	83.069	5.180420	1.00058778	6.945E-14
11C2711	11.4 %		15.370368	0.026438	1.987809	0.033442	0.007377	0.000223	83.099	5.183476	1.00058799	6.201E-14
11C2712	12.6 %		15.649742	0.032715	2.390005	0.039969	0.008830	0.000284	83.115	5.185112	1.00058810	6.481E-14
11C2713	14.0 %		15.984112	0.020144	3.076638	0.051491	0.009640	0.000308	83.130	5.186677	1.00058821	6.017E-14
11C2716	15.4 %		14.980923	0.026888	5.248218	0.088574	0.007125	0.000556	83.807	5.256508	1.00059299	6.181E-14
11C2717	17.0 %		16.939810	0.036440	6.432778	0.108970	0.012260	0.000782	83.823	5.258167	1.00059310	4.439E-14
11C2718	19.2 %		21.401000	0.038997	7.345974	0.123506	0.025602	0.001308	83.838	5.259754	1.00059321	3.661E-14
11C2720	22.0 %		25.466526	0.090653	7.286444	0.126332	0.044513	0.001604	83.868	5.262857	1.00059342	3.127E-14
11C2721	27.0 %		35.767781	0.099700	10.044198	0.170284	0.082448	0.000877	83.883	5.264445	1.00059353	4.641E-14
11C2722	35.0 %		42.782609	0.203421	15.793999	0.277433	0.104984	0.001232	83.898	5.265962	1.00059363	9.153E-14

Procedure Blanks		36Ar [V]	1σ	37Ar [V]	1σ	38Ar [V]	1σ	39Ar [V]	1σ	40Ar [V]	1σ
11C2683	2	0.0003334	0.0000069	0.0000163	0.0000097	0.0000088	0.0000097	0.0000669	0.0000102	0.0088024	0.0000279
11C2684	2.4	0.0003300	0.0000069	0.0000218	0.0000097	0.0000088	0.0000097	0.0000699	0.0000102	0.0080671	0.0000279
11C2686	2.8	0.0003258	0.0000069	0.0000350	0.0000097	0.0000088	0.0000097	0.0000695	0.0000102	0.0066959	0.0000279
11C2687	2.9	0.0003252	0.0000069	0.0000405	0.0000097	0.0000088	0.0000097	0.0000666	0.0000102	0.0061110	0.0000279
11C2688	3.1	0.0003257	0.0000069	0.0000438	0.0000097	0.0000133	0.0000097	0.0000626	0.0000102	0.0056618	0.0000279
11C2690	3.4	0.0003296	0.0000069	0.0000435	0.0000097	0.0000170	0.0000097	0.0000521	0.0000102	0.0051241	0.0000279
11C2691	3.7	0.0003325	0.0000069	0.0000399	0.0000097	0.0000159	0.0000097	0.0000466	0.0000102	0.0050476	0.0000279
11C2692	4.1	0.0003356	0.0000069	0.0000346	0.0000097	0.0000129	0.0000097	0.0000416	0.0000102	0.0050881	0.0000279
11C2694	4.5	0.0003345	0.0000039	0.0000286	0.0000063	0.0000071	0.0000064	0.0000467	0.0000069	0.0054797	0.0000279
11C2695	5	0.0003345	0.0000039	0.0000286	0.0000063	0.0000071	0.0000064	0.0000467	0.0000069	0.0054797	0.0000279
11C2696	5.5	0.0003345	0.0000039	0.0000286	0.0000063	0.0000071	0.0000064	0.0000467	0.0000069	0.0054797	0.0000279
11C2699	6	0.0003262	0.0000043	0.0000161	0.0000084	0.0000156	0.0000131	0.0000423	0.0000091	0.0034765	0.0002640
11C2700	6.5	0.0003295	0.0000043	0.0000149	0.0000084	0.0000155	0.0000131	0.0000501	0.0000091	0.0039187	0.0002640
11C2701	7	0.0003316	0.0000043	0.0000146	0.0000084	0.0000153	0.0000131	0.0000563	0.0000091	0.0043207	0.0002640
11C2703	7.5	0.0003330	0.0000043	0.0000161	0.0000084	0.0000150	0.0000131	0.0000638	0.0000091	0.0049517	0.0002640
11C2704	8	0.0003326	0.0000043	0.0000176	0.0000084	0.0000148	0.0000131	0.0000657	0.0000091	0.0052092	0.0002640
11C2705	8.5	0.0003318	0.0000043	0.0000193	0.0000084	0.0000147	0.0000131	0.0000666	0.0000091	0.0054223	0.0002640
11C2707	9	0.0003297	0.0000043	0.0000233	0.0000084	0.0000143	0.0000131	0.0000661	0.0000091	0.0058077	0.0002640
11C2708	9.6	0.0003290	0.0000043	0.0000250	0.0000084	0.0000142	0.0000131	0.0000653	0.0000091	0.0059672	0.0002640
11C2709	10.4	0.0003287	0.0000043	0.0000263	0.0000084	0.0000140	0.0000131	0.0000643	0.0000091	0.0061273	0.0002640
11C2711	11.4	0.0003306	0.0000043	0.0000270	0.0000084	0.0000137	0.0000131	0.0000631	0.0000091	0.0064358	0.0002640
11C2712	12.6	0.0003332	0.0000043	0.0000262	0.0000084	0.0000135	0.0000131	0.0000632	0.0000091	0.0066206	0.0002640
11C2713	14	0.0003372	0.0000043	0.0000242	0.0000084	0.0000134	0.0000131	0.0000642	0.0000091	0.0068199	0.0002640
11C2716	15.4	0.0003354	0.0000096	0.0000136	0.0000083	0.0000031	0.0000051	0.0000264	0.0000090	0.0026443	0.0000134
11C2717	17	0.0003354	0.0000096	0.0000136	0.0000083	0.0000031	0.0000051	0.0000264	0.0000090	0.0026443	0.0000134
11C2718	19.2	0.0003354	0.0000096	0.0000136	0.0000083	0.0000031	0.0000051	0.0000264	0.0000090	0.0026443	0.0000134
11C2720	22	0.0003355	0.0000022	0.0000285	0.0000034	0.0000099	0.0000053	0.0000418	0.0000042	0.0099606	0.0000238
11C2721	27	0.0003355	0.0000022	0.0000285	0.0000034	0.0000099	0.0000053	0.0000418	0.0000042	0.0099606	0.0000238
11C2722	35	0.0003355	0.0000022	0.0000285	0.0000034	0.0000099	0.0000053	0.0000418	0.0000042	0.0099606	0.0000238

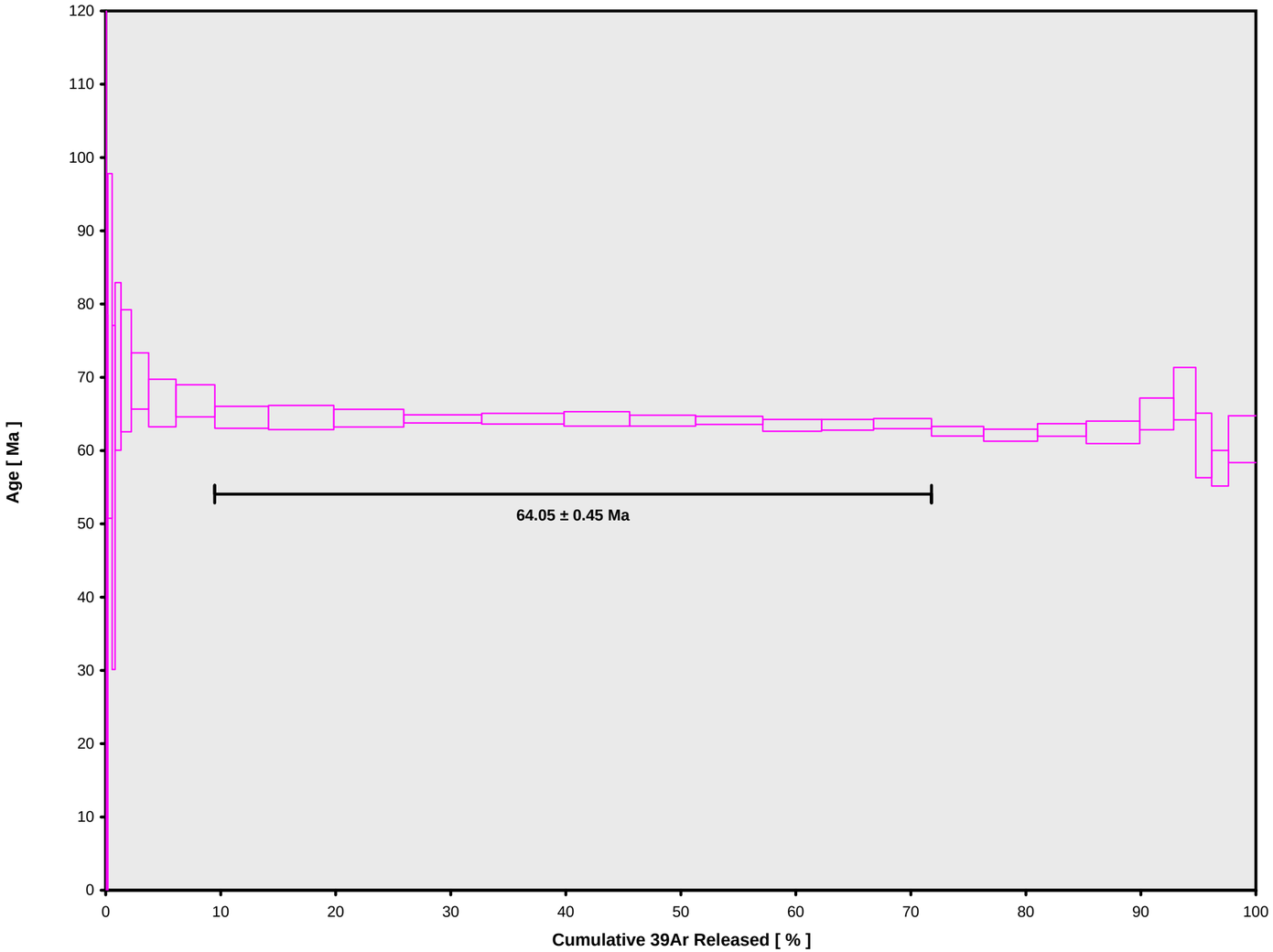
Intercept Values		36Ar [V]	1σ	r2		37Ar [V]	1σ	r2		38Ar [V]	1σ	r2		39Ar [V]	1σ	r2		40Ar [V]	1σ	r2	
11C2683	2	0.0005751	0.0000151	0.1544	EXP #	0.0001457	0.0000081	0.6897	EXP #	0.0000463	0.0000151	0.4405	LIN #	0.0003324	0.0000144	0.9904	EXP #	0.0812482	0.0005644	0.8819	EXP # 1
11C2684	2.4	0.0005682	0.0000093	0.3259	LIN #	0.0002805	0.0000109	0.0872	LIN #	0.0000524	0.0000219	0.0513	LIN #	0.0006149	0.0000199	0.9720	LIN #	0.0799162	0.0006683	0.8250	EXP # 1
11C2686	2.8	0.0006088	0.0000132	0.2466	EXP #	0.0006606	0.0000206	0.2706	LIN #	0.0000782	0.0000086	0.0507	LIN #	0.0017545	0.0000121	0.9884	EXP #	0.1156644	0.0003394	0.9757	EXP # 1
11C2687	2.9	0.0005047	0.0000071	0.2190	LIN # 4	0.0004115	0.0000124	0.3928	LIN #	0.0000465	0.0000069	0.2409	LIN #	0.0011915	0.0000132	0.9793	LIN #	0.0715129	0.0001323	0.9844	EXP # 1 2 3
11C2688	3.1	0.0005116	0.0000069	0.0324	EXP # 1	0.0006273	0.0000022	0.9349	EXP # 1	0.0000725	0.0000087	0.0006	LIN #	0.0023164	0.0000089	0.9865	LIN #	0.0942960	0.0002109	0.9836	EXP # 1
11C2690	3.4	0.0005403	0.0000103	0.0160	LIN #	0.0010230	0.0000215	0.3727	LIN #	0.0000827	0.0000171	0.2622	EXP #	0.0039873	0.0000071	0.9831	EXP #	0.1258088	0.0002088	0.9903	EXP # 1
11C2691	3.7	0.0005864	0.0000065	0.0186	EXP # 3	0.0015976	0.0000110	0.9205	EXP #	0.0001216	0.0000114	0.3476	LIN # 6	0.0066797	0.0000222	0.6433	EXP #	0.1765472	0.0002143	0.9960	EXP # 1
11C2692	4.1	0.0006567	0.0000105	0.0690	LIN #	0.0023527	0.0000253	0.8901	LIN # 1 4	0.0002178	0.0000139	0.3590	LIN # 1	0.0104711	0.0000404	0.1482	LIN #	0.2448791	0.0001830	0.9984	EXP # 1
11C2694	4.5	0.0006545	0.0000114	0.0289	LIN #	0.0032830	0.0000231	0.9350	EXP #	0.0002490	0.0000198	0.0273	LIN # 1	0.0148805	0.0000194	0.9845	LIN # 1 2 6 9	0.3077450	0.0003382	0.9970	EXP # 1
11C2695	5	0.0006894	0.0000107	0.0586	LIN #	0.0044506	0.0000115	0.9908	LIN #	0.0003303	0.0000125	0.0009	LIN #	0.0206196	0.0000302	0.9862	EXP # 1 2 5	0.3886349	0.0003823	0.9976	EXP # 1
11C2696	5.5	0.0006447	0.0000145	0.1898	LIN # 1	0.0054030	0.0000124	0.9937	LIN # 4 6	0.0003636	0.0000167	0.0065	LIN #	0.0250024	0.0000466	0.9791	LIN # 1 2	0.4352569	0.0006688	0.9941	LIN # 1 2
11C2699	6	0.0005716	0.0000108	0.2287	LIN # 9	0.0059646	0.0000149	0.9931	LIN # 4	0.0003585	0.0000069	0.6467	LIN # 1 5	0.0267409	0.0000478	0.9813	LIN #	0.4376487	0.0006863	0.9939	EXP # 1
11C2700	6.5	0.0005786	0.0000039	0.6463	LIN #	0.0067085	0.0000138	0.9950	LIN # 1	0.0003952	0.0000125	0.2103	LIN #	0.0298441	0.0000229	0.9976	LIN # 1	0.4804635	0.0003322	0.9989	EXP # 1
11C2701	7	0.0005633	0.0000069	0.6919	LIN # 8 9	0.0074373	0.0000129	0.9985	LIN # 1 3 5	0.0004606	0.0000051	0.8957	LIN # 3 6	0.0315455	0.0000362	0.9958	LIN # 1 4	0.4988483	0.0005307	0.9972	EXP # 1
11C2703	7.5	0.0005231	0.0000080	0.1361	LIN # 3	0.0060181	0.0000118	0.9974	EXP # 1 3	0.0003579	0.0000032	0.6404	LIN # 3 5	0.0251561	0.0000179	0.9984	LIN # 1 6	0.4007652	0.0003183	0.9986	EXP # 1
11C2704	8	0.0005289	0.0000044	0.1235	LIN #	0.0062042	0.0000152	0.9961	EXP # 1 3 7	0.0003525	0.0000061	0.0877	LIN #	0.0252820	0.0000356	0.9904	LIN # 5	0.4030388	0.0007814	0.9904	EXP #
11C2705	8.5	0.0005065	0.0000025	0.9760	LIN # 5 6 7 8	0.0066312	0.0000150	0.9940	LIN #	0.0003492	0.0000107	0.0000	LIN #	0.0257204	0.0000321	0.9910	LIN # 7	0.4030092	0.0002304	0.9992	EXP # 1
11C2707	9	0.0004868	0.0000050	0.5808	LIN # 3	0.0062691	0.0000175	0.9907	LIN #	0.0003310	0.0000126	0.1545	LIN #	0.0225663	0.0000196	0.9972	LIN # 1 3	0.3522384	0.0003102	0.9986	EXP # 1 3
11C2708	9.6	0.0004757	0.0000026	0.8156	LIN # 7	0.0059816	0.0000268	0.9809	EXP # 1 7	0.0002768	0.0000059	0.2458	LIN #	0.0199006	0.0000266	0.9837	LIN #	0.3140269	0.0003356	0.9967	EXP # 1
11C2709	10.4	0.0004867	0.0000032	0.8712	LIN # 7 9	0.0075059	0.0000240	0.9916	EXP # 1	0.0003146	0.0000027	0.0586	LIN # 4 5	0.0222091	0.0000302	0.9867	LIN #	0.3486178	0.0002179	0.9989	EXP # 1
11C2711	11.4	0.0004769	0.0000017	0.8868	LIN # 4	0.0078128	0.0000217	0.9930	EXP # 1	0.0002695	0.0000027	0.8897	LIN # 3 7	0.0200868	0.0000172	0.9949	LIN #	0.3122635	0.0003124	0.9974	LIN # 1
11C2712	12.6	0.0005140	0.0000041	0.0004	LIN # 3	0.0096327	0.0000166	0.9972	LIN # 2	0.0002930	0.0000078	0.0535	LIN #	0.0206183	0.0000321	0.9817	LIN #	0.3262713	0.0002916	0.9977	EXP # 1
11C2713	14	0.0005164	0.0000041	0.5344	LIN #	0.0112600	0.0000272	0.9973	LIN # 1 3 5	0.0002601	0.0000047	0.7123	LIN #	0.0187453	0.0000045	0.9997	EXP # 1 3 5	0.3035279	0.0001573	0.9992	EXP # 1
11C2716	15.4	0.0004797	0.0000067	0.0782	LIN #	0.0207384	0.0000452	0.9960	EXP # 1 9	0.0002957	0.0000103	0.0386	LIN #	0.0204987	0.0000283	0.9929	EXP # 1	0.3074448	0.0002843	0.9980	EXP # 1
11C2717	17	0.0004936	0.0000041	0.6290	LIN #	0.0161443	0.0000342	0.9953	EXP #	0.0002019	0.0000116	0.0814	LIN #	0.0130304	0.0000254	0.9577	EXP #	0.2215617	0.0000664	0.9997	EXP # 1
11C2718	19.2	0.0005526	0.0000061	0.0317	LIN # 4	0.0120340	0.0000154	0.9983	LIN #	0.0001574	0.0000130	0.1203	LIN #	0.0085147	0.0000102	0.7425	LIN #	0.1831702	0.0001316	0.9987	EXP # 1 2
11C2720	22	0.0006075	0.0000097	0.3907	LIN #	0.0085774	0.0000282	0.9905	EXP #	0.0001392	0.0000104	0.0334	LIN #	0.0061314	0.0000201	0.3067	LIN #	0.1639758	0.0001582	0.9976	EXP # 1
11C2721	27	0.0008725	0.0000051	0.9072	LIN #	0.0124817	0.0000256	0.9962	EXP #	0.0001819	0.0000052	0.4659	LIN #	0.0064788	0.0000135	0.9902	EXP # 1 2	0.2386835	0.0003768	0.9952	EXP # 1 2
11C2722	35	0.0014680	0.0000118	0.8621	LIN #	0.0323041	0.0000954	0.9923	EXP #	0.0003794	0.0000096	0.0249	LIN #	0.0106547	0.0000489	0.9642	LIN # 1 2	0.4611384	0.0004430	0.9984	EXP # 1 2

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
11C2683	2	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	2	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0137	2E-13	17	OCT	2011	13	1	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2684	2.4	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	2.4	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0136	2E-13	17	OCT	2011	13	23	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2686	2.8	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	2.8	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0133	2E-13	17	OCT	2011	14	6	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2687	2.9	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	2.9	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0133	2E-13	17	OCT	2011	14	28	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2688	3.1	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	3.1	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0132	2E-13	17	OCT	2011	14	49	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2690	3.4	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	3.4	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0132	2E-13	17	OCT	2011	15	32	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2691	3.7	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	3.7	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0132	2E-13	17	OCT	2011	15	54	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2692	4.1	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	4.1	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0131	2E-13	17	OCT	2011	16	16	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2694	4.5	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	4.5	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0135	2E-13	17	OCT	2011	16	59	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2695	5	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	5	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0135	2E-13	17	OCT	2011	17	20	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2696	5.5	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	5.5	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0136	2E-13	17	OCT	2011	17	42	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2699	6	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	6	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0134	2E-13	18	OCT	2011	9	41	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2700	6.5	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	6.5	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0133	2E-13	18	OCT	2011	10	2	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2701	7	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	7	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0134	2E-13	18	OCT	2011	10	24	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2703	7.5	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	7.5	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0137	2E-13	18	OCT	2011	11	7	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2704	8	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	8	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0138	2E-13	18	OCT	2011	11	29	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2705	8.5	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	8.5	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0139	2E-13	18	OCT	2011	11	50	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2707	9	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	9	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0135	2E-13	18	OCT	2011	12	36	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2708	9.6	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	9.6	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0135	2E-13	18	OCT	2011	12	58	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2709	10.4	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	10.4	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0136	2E-13	18	OCT	2011	13	21	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2711	11.4	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	11.4	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0135	2E-13	18	OCT	2011	14	4	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2712	12.6	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	12.6	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0135	2E-13	18	OCT	2011	14	27	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2713	14	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	14	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0136	2E-13	18	OCT	2011	14	49	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2716	15.4	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	15.4	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0138	2E-13	19	OCT	2011	7	4	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2717	17	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	17	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0138	2E-13	19	OCT	2011	7	27	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2718	19.2	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	19.2	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0139	2E-13	19	OCT	2011	7	49	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2720	22	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	22	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.0141	2E-13	19	OCT	2011	8	32	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2721	27	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	27	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.014	2E-13	19	OCT	2011	8	54	1	OSU3A11	Louisville	11C2683	01	FCT-3
11C2722	35	330-U1376A-23R-3 33-37 cm	Groundmass 213-300µm	Burton Guyot, Site U1376	Anthony Koppers	35	28.03	0.01	0.0026438	0.31	1.006707	0.05	1.014	2E-13	19	OCT	2011	9	15	1	OSU3A11	Louisville	11C2683	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
11C2683	2	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2684	2.4	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2686	2.8	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2687	2.9	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2688	3.1	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2690	3.4	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2691	3.7	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2692	4.1	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2694	4.5	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2695	5	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2696	5.5	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2699	6	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2700	6.5	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2701	7	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2703	7.5	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2704	8	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2705	8.5	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2707	9	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2708	9.6	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2709	10.4	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2711	11.4	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2712	12.6	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2713	14	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2716	15.4	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2717	17	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2718	19.2	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2720	22	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2721	27	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
11C2722	35	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0

OSU Argon Geochronology Laboratory
Oregon State University, Corvallis, USA

11C2683.AGE >>> 330-U1376A-23R-3 33-37 CM >>> LOUISVILLE PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
64.05 ± 0.45
TOTAL FUSION
64.00 ± 0.51
NORMAL ISOCHRON
63.19 ± 1.17
INVERSE ISOCHRON
63.23 ± 1.18

MSWD (PROBABILITY)
0.88 (56%)

Sample Info

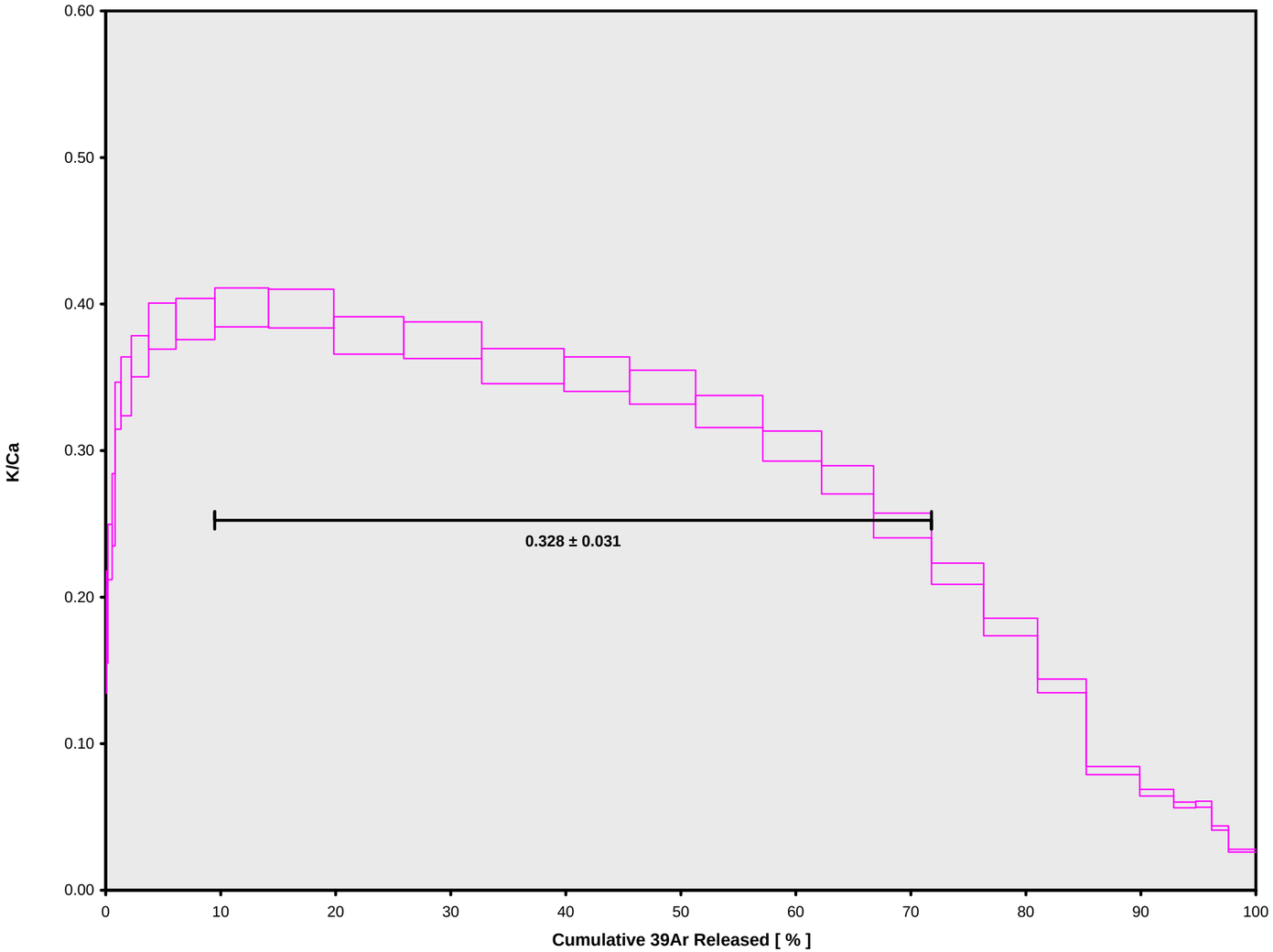
Groundmass 213-300µm
Burton Guyot, Site U1376
Anthony Koppers

IRR = OSU3A11
J = 0.00264380 ± 0.00000820

RECALIBRATED AGE

OSU Argon Geochronology Laboratory
Oregon State University, Corvallis, USA

11C2683.AGE >>> 330-U1376A-23R-3 33-37 CM >>> LOUISVILLE PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
64.05 ± 0.45
TOTAL FUSION
64.00 ± 0.51
NORMAL ISOCHRON
63.19 ± 1.17
INVERSE ISOCHRON
63.23 ± 1.18

Sample Info

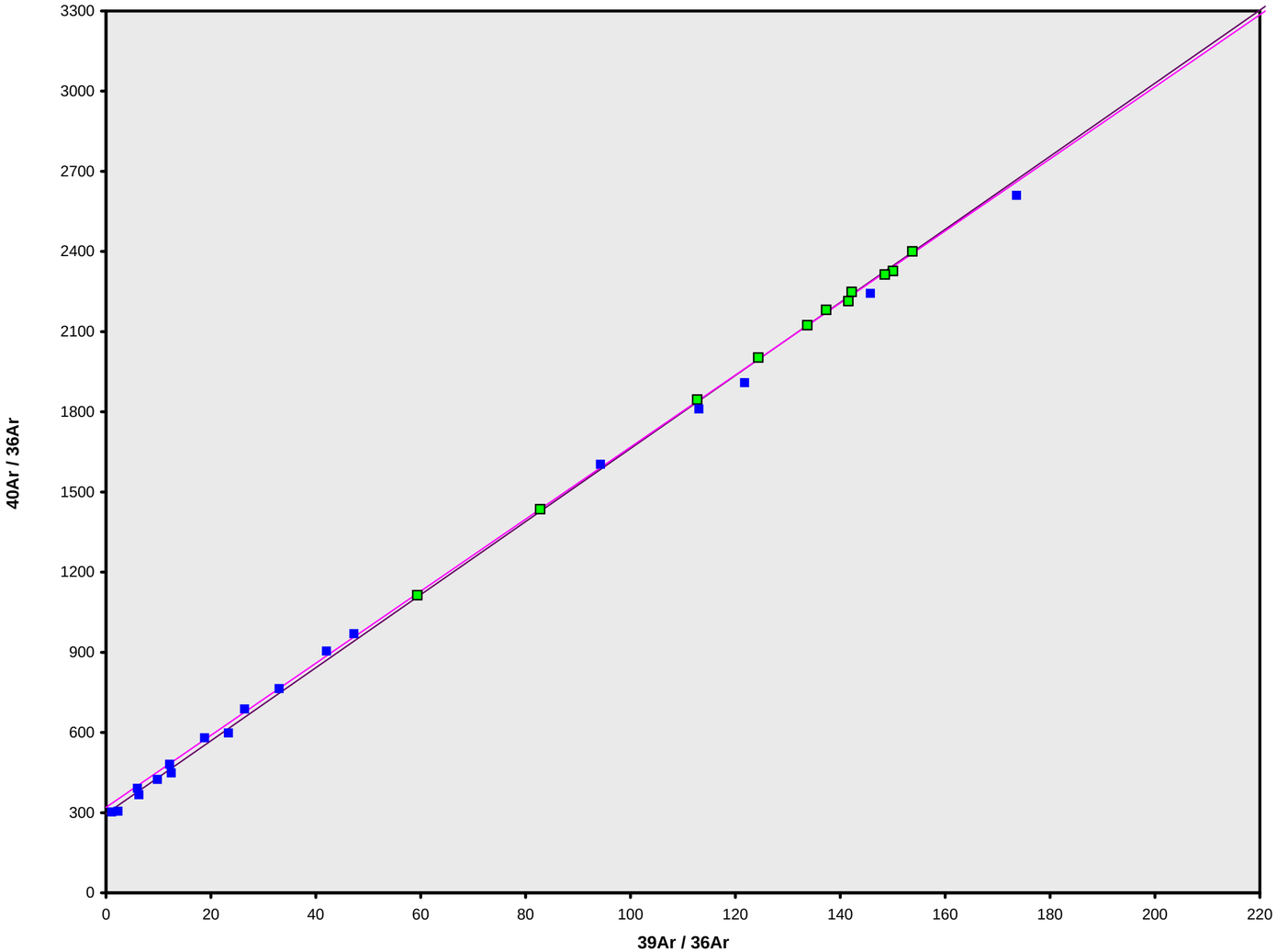
Groundmass 213-300µm
Burton Guyot, Site U1376
Anthony Koppers

IRR = OSU3A11
J = 0.00264380 ± 0.00000820

RECALIBRATED AGE

OSU Argon Geochronology Laboratory
Oregon State University, Corvallis, USA

11C2683.AGE >>> 330-U1376A-23R-3 33-37 CM >>> LOUISVILLE PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
64.05 ± 0.45
TOTAL FUSION
64.00 ± 0.51
NORMAL ISOCHRON
63.19 ± 1.17
INVERSE ISOCHRON
63.23 ± 1.18

MSWD (PROBABILITY)
0.71 (70%)

40AR/36AR INTERCEPT
319.7 ± 31.1

Sample Info

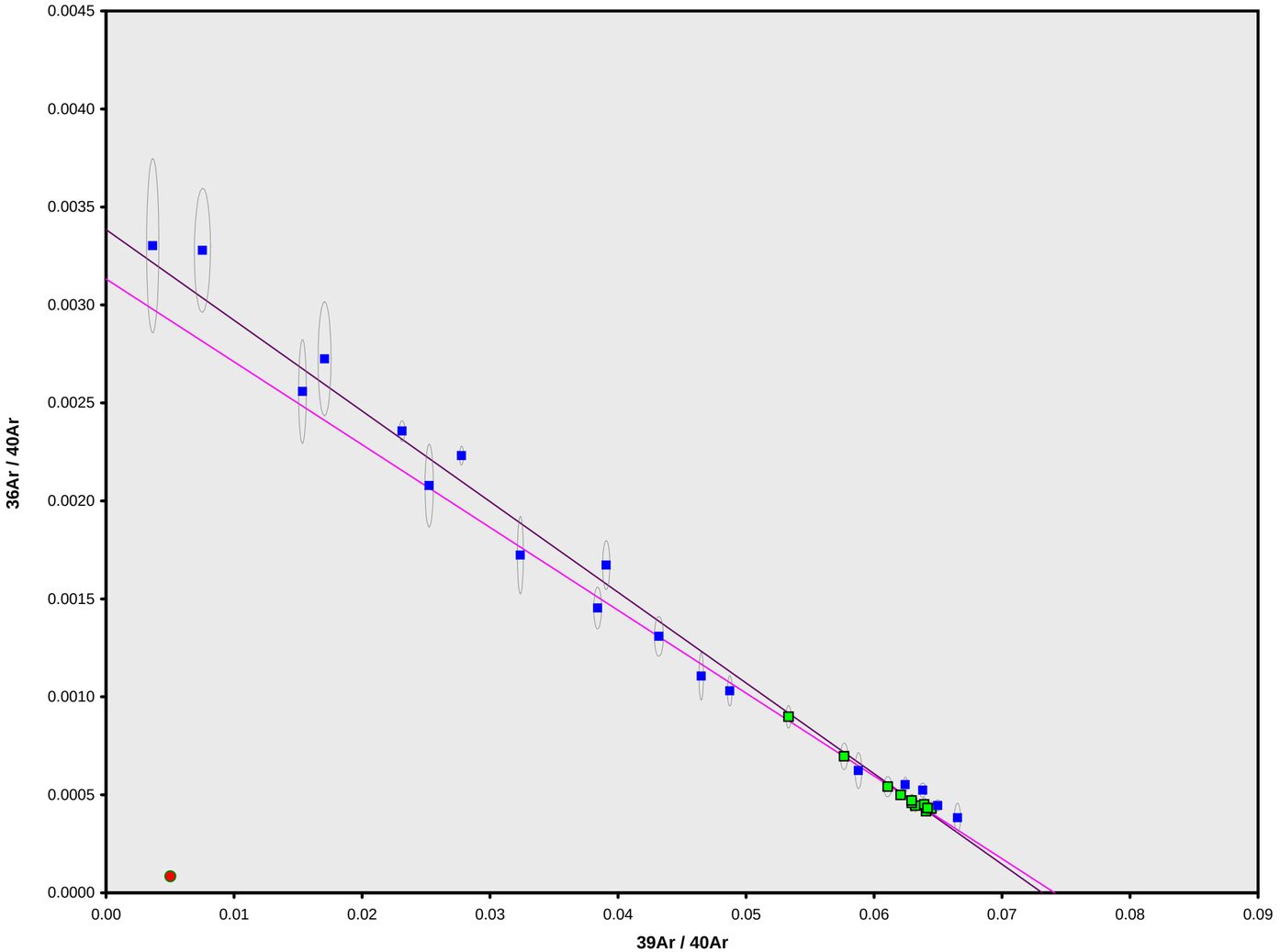
Groundmass 213-300µm
Burton Guyot, Site U1376
Anthony Koppers

IRR = OSU3A11
J = 0.00264380 ± 0.00000820

RECALIBRATED AGE

OSU Argon Geochronology Laboratory
Oregon State University, Corvallis, USA

11C2683.AGE >>> 330-U1376A-23R-3 33-37 CM >>> LOUISVILLE PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
64.05 ± 0.45
TOTAL FUSION
64.00 ± 0.51
NORMAL ISOCHRON
63.19 ± 1.17
INVERSE ISOCHRON
63.23 ± 1.18

MSWD (PROBABILITY)
0.69 (72%)

SPREADING FACTOR
15.1%

40AR/36AR INTERCEPT
319.2 ± 31.7

Sample Info

Groundmass 213-300µm
Burton Guyot, Site U1376
Anthony Koppers

IRR = OSU3A11
J = 0.00264380 ± 0.00000820

RECALIBRATED AGE