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
11C2462	2.0 %		0.0020091	0.0012481	0.0000096	0.0006024	0.0245533	196.48 ± 91.32	3.97	0.11	0.208 ± 0.018
11C2463	2.4 %		0.0009993	0.0021674	0.0000187	0.0008573	0.0241561	138.08 ± 45.73	7.56	0.16	0.170 ± 0.017
11C2465	2.8 %		0.0005956	0.0081423	0.0000230	0.0038183	0.0837419	108.38 ± 15.93	32.24	0.72	0.202 ± 0.007
11C2466	3.2 %		0.0002234	0.0147465	0.0000020	0.0075121	0.1238460	82.07 ± 2.44	65.23	1.42	0.219 ± 0.006
11C2468	3.7 %		0.0000560	0.0159602	0.0000000	0.0084933	0.1213686	71.35 ± 2.95	87.99	1.61	0.229 ± 0.007
11C2469	4.0 %	✓	0.0000480	0.0281951	0.0000016	0.0152362	0.2133983	69.96 ± 1.64	93.76	2.88	0.232 ± 0.007
11C2471	4.3 %	✓	0.0000474	0.0452076	0.0000110	0.0243776	0.3449852	70.67 ± 1.04	96.09	4.61	0.232 ± 0.007
11C2472	4.6 %	✓	0.0000427	0.0579382	0.0000000	0.0314115	0.4422474	70.32 ± 1.16	97.22	5.94	0.233 ± 0.007
11C2473	4.9 %	✓	0.0000429	0.0502130	0.0000004	0.0274430	0.3813770	69.43 ± 1.11	96.78	5.19	0.235 ± 0.007
11C2475	5.3 %	✓	0.0000354	0.0524333	0.0000094	0.0288639	0.3991967	69.10 ± 0.98	97.44	5.46	0.237 ± 0.007
11C2476	5.7 %	✓	0.0000368	0.0624291	0.0000168	0.0343575	0.4807846	69.90 ± 0.78	97.78	6.50	0.237 ± 0.007
11C2477	6.1 %	✓	0.0000192	0.0565606	0.0000038	0.0312099	0.4356333	69.73 ± 0.87	98.71	5.90	0.237 ± 0.007
11C2479	6.6 %	✓	0.0000142	0.0670901	0.0000009	0.0366168	0.5149016	70.23 ± 0.74	99.19	6.92	0.235 ± 0.007
11C2480	7.1 %	✓	0.0000224	0.0694513	0.0000113	0.0381259	0.5308272	69.55 ± 0.62	98.76	7.21	0.236 ± 0.007
11C2481	7.7 %	✓	0.0000328	0.0643511	0.0000034	0.0344255	0.4751575	68.96 ± 0.64	97.99	6.51	0.230 ± 0.006
11C2483	8.4 %	✓	0.0000239	0.0692850	0.0000117	0.0368294	0.5115308	69.39 ± 0.80	98.63	6.96	0.229 ± 0.007
11C2484	9.2 %	✓	0.0000339	0.0728606	0.0000204	0.0366272	0.5057516	68.99 ± 0.76	98.05	6.93	0.216 ± 0.006
11C2485	10.1 %	✓	0.0000604	0.0618849	0.0000117	0.0277048	0.3815450	68.81 ± 0.84	95.53	5.24	0.193 ± 0.006
11C2487	11.3 %		0.0000706	0.0668769	0.0000179	0.0269488	0.3644905	67.60 ± 0.87	94.58	5.10	0.173 ± 0.005
11C2488	12.7 %		0.0000738	0.0691294	0.0000057	0.0204860	0.2795225	68.19 ± 1.02	92.76	3.87	0.127 ± 0.004
11C2489	14.4 %		0.0000821	0.0695376	0.0000101	0.0150525	0.2081431	69.09 ± 1.57	89.56	2.85	0.093 ± 0.003
11C2491	16.6 %		0.0000694	0.1010524	0.0000111	0.0130767	0.1864174	71.18 ± 1.97	90.09	2.47	0.056 ± 0.002
11C2492	19.6 %		0.0001655	0.0956462	0.0000000	0.0095231	0.1286825	67.54 ± 4.59	72.46	1.80	0.043 ± 0.001
11C2494	25.0 %		0.0001241	0.2347430	0.0000300	0.0127373	0.1584573	62.27 ± 0.86	81.20	2.41	0.023 ± 0.001
11C2495	30.0 %		0.0003251	0.0686092	0.0000059	0.0032233	0.0437645	67.86 ± 10.52	31.30	0.61	0.020 ± 0.001
11C2496	35.0 %		0.0007522	0.1090837	0.0000133	0.0032351	0.0409357	63.32 ± 5.75	15.55	0.61	0.013 ± 0.000
		Σ	0.0060061	1.6148428	0.0002498	0.5287955	7.4054156				

Information on Analysis

Sample = 330-U1373A-13R4 101-104 C
Material = Groundmass 213-300µm
Location = Rigil Guyot, Site U1373
Analyst = Anthony Koppers
Project = LOUISVILLE
Mass Discrimination Law = LIN
Irradiation = OSU3A11
J = 0.00282310 ± 0.00000621
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	13.91732	± 0.06235	69.53	± 0.43	1.72	76.25	0.228 ± 0.008
		± 0.45%		± 0.62%	6%	13	
		Minimal External Error		± 1.18	1.82	2σ Confidence Limit	
		Analytical Error		± 0.31	1.3100	Error Magnification	
Total Fusion Age	14.00431	± 0.06155	69.95	± 0.43		26	0.141 ± 0.001
		± 0.44%		± 0.61%			
		Minimal External Error		± 1.19			
		Analytical Error		± 0.30			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
11C2462	2.0 %		0.30 ± 0.02	307.72 ± 6.20	0.3512
11C2463	2.4 %		0.86 ± 0.04	319.67 ± 8.96	0.6550
11C2465	2.8 %		6.41 ± 0.46	436.11 ± 31.34	0.9906
11C2466	3.2 %		33.63 ± 1.90	849.91 ± 48.03	0.9978
11C2468	3.7 %		151.60 ± 46.10	2461.84 ± 748.62	0.9997
11C2469	4.0 %	✓	317.30 ± 112.58	4739.64 ± 1681.58	1.0000
11C2471	4.3 %	✓	513.85 ± 184.84	7567.40 ± 2722.02	1.0000
11C2472	4.6 %	✓	734.99 ± 426.01	10643.58 ± 6169.04	1.0000
11C2473	4.9 %	✓	640.23 ± 308.44	9192.87 ± 4428.87	1.0000
11C2475	5.3 %	✓	814.62 ± 410.03	11561.96 ± 5819.24	0.9999
11C2476	5.7 %	✓	933.90 ± 437.45	13364.07 ± 6259.85	1.0000
11C2477	6.1 %	✓	1624.32 ± 1535.90	22968.06 ± 21717.70	1.0000
11C2479	6.6 %	✓	2581.29 ± 3312.28	36593.34 ± 46956.05	1.0000
11C2480	7.1 %	✓	1700.57 ± 1184.58	23972.58 ± 16698.75	1.0000
11C2481	7.7 %	✓	1048.64 ± 468.51	14769.34 ± 6598.54	1.0000
11C2483	8.4 %	✓	1538.98 ± 1289.52	21670.78 ± 18157.99	1.0000
11C2484	9.2 %	✓	1082.00 ± 565.65	15235.86 ± 7964.86	1.0000
11C2485	10.1 %	✓	458.99 ± 109.35	6616.67 ± 1576.05	0.9997
11C2487	11.3 %		381.89 ± 84.05	5460.71 ± 1201.80	0.9999
11C2488	12.7 %		277.60 ± 52.26	4083.22 ± 768.59	0.9998
11C2489	14.4 %		183.44 ± 36.27	2832.08 ± 559.92	0.9999
11C2491	16.6 %		188.47 ± 47.41	2982.25 ± 750.03	0.9998
11C2492	19.6 %		57.55 ± 10.44	1073.12 ± 194.55	0.9992
11C2494	25.0 %		102.62 ± 6.12	1572.12 ± 93.83	0.9991
11C2495	30.0 %		9.91 ± 0.72	430.11 ± 30.81	0.9815
11C2496	35.0 %		4.30 ± 0.09	349.92 ± 5.88	0.7862

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	155.01 ± 126.52	14.01352 ± 0.12948	70.00 ± 0.70	3.88
No Convergence	± 81.62%	± 0.92%	± 1.00%	0%
			Minimal External Error ± 1.31	
			Analytical Error ± 0.63	

Statistics				
2σ Confidence Limit	1.85	Convergence	0.000021231694
Error Magnification	1.9685	Number of Iterations	500
Number of Data Points	13	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
11C2462	2.0 %		0.0009745 ± 0.0000519	0.00324969 ± 0.00006551	0.0034
11C2463	2.4 %		0.0026839 ± 0.0000866	0.00312818 ± 0.00008763	0.0016
11C2465	2.8 %		0.0147011 ± 0.0001455	0.00229299 ± 0.00016480	0.0063
11C2466	3.2 %		0.0395671 ± 0.0001500	0.00117660 ± 0.00006649	0.0273
11C2468	3.7 %		0.0615794 ± 0.0004378	0.00040620 ± 0.00012352	0.0081
11C2469	4.0 %	✓	0.0669464 ± 0.0002289	0.00021099 ± 0.00007486	0.0030
11C2471	4.3 %	✓	0.0679035 ± 0.0002419	0.00013215 ± 0.00004753	0.0046
11C2472	4.6 %	✓	0.0690551 ± 0.0002297	0.00009395 ± 0.00005446	0.0018
11C2473	4.9 %	✓	0.0696446 ± 0.0002087	0.00010878 ± 0.00005241	0.0042
11C2475	5.3 %	✓	0.0704571 ± 0.0004221	0.00008649 ± 0.00004353	0.0022
11C2476	5.7 %	✓	0.0698813 ± 0.0002904	0.00007483 ± 0.00003505	0.0042
11C2477	6.1 %	✓	0.0707208 ± 0.0002262	0.00004354 ± 0.00004117	0.0005
11C2479	6.6 %	✓	0.0705399 ± 0.0001835	0.00002733 ± 0.00003507	0.0003
11C2480	7.1 %	✓	0.0709382 ± 0.0001818	0.00004171 ± 0.00002906	0.0019
11C2481	7.7 %	✓	0.0710012 ± 0.0001887	0.00006771 ± 0.00003025	0.0011
11C2483	8.4 %	✓	0.0710166 ± 0.0001574	0.00004615 ± 0.00003867	0.0007
11C2484	9.2 %	✓	0.0710168 ± 0.0003110	0.00006563 ± 0.00003431	0.0009
11C2485	10.1 %	✓	0.0693693 ± 0.0003814	0.00015113 ± 0.00003600	0.0051
11C2487	11.3 %		0.0699347 ± 0.0002663	0.00018313 ± 0.00004030	0.0053
11C2488	12.7 %		0.0679854 ± 0.0002512	0.00024490 ± 0.00004610	0.0074
11C2489	14.4 %		0.0647723 ± 0.0001716	0.00035310 ± 0.00006981	0.0051
11C2491	16.6 %		0.0631968 ± 0.0003478	0.00033532 ± 0.00008433	0.0042
11C2492	19.6 %		0.0536263 ± 0.0003896	0.00093186 ± 0.00016894	0.0025
11C2494	25.0 %		0.0652740 ± 0.0001667	0.00063609 ± 0.00003796	0.0237
11C2495	30.0 %		0.0230505 ± 0.0003219	0.00232497 ± 0.00016656	0.0029
11C2496	35.0 %		0.0122909 ± 0.0001612	0.00285778 ± 0.00004804	0.0097

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	386.33 ± 147.88	13.82038 ± 0.15292	69.05 ± 0.81	1.52
	± 38.28%	± 1.11%	± 1.17%	11%
			Minimal External Error ± 1.36	
			Analytical Error ± 0.75	

Statistics				
	2σ Confidence Limit	1.85	Convergence	0.0000000101
	Error Magnification	1.2346	Number of Iterations	5
	Number of Data Points	13	Calculated Line	Weighted York-2
	Spreading Factor	5.6%		

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
11C2462	2.0 %		0.0020094	1.003	0.0012481	3.391	0.0003922	3.669	0.0006033	2.658	0.6182310	0.095	40.75643 ± 19.99250	196.48 ± 91.32	3.97	0.11	0.208 ± 0.018
11C2463	2.4 %		0.0009998	1.399	0.0021674	4.859	0.0002155	6.370	0.0008588	1.609	0.3194358	0.060	28.17540 ± 9.69226	138.08 ± 45.73	7.56	0.16	0.170 ± 0.017
11C2465	2.8 %		0.0005977	3.579	0.0081423	1.637	0.0001789	7.922	0.0038238	0.483	0.2597326	0.106	21.93175 ± 3.32111	108.38 ± 15.93	32.24	0.72	0.202 ± 0.007
11C2466	3.2 %		0.0002273	2.774	0.0147465	1.376	0.0001313	4.714	0.0075220	0.146	0.1898638	0.121	16.48631 ± 0.50215	82.07 ± 2.44	65.23	1.42	0.219 ± 0.006
11C2468	3.7 %		0.0000602	14.139	0.0159602	1.412	0.0001071	11.259	0.0085040	0.287	0.1379325	0.209	14.28996 ± 0.60219	71.35 ± 2.95	87.99	1.61	0.229 ± 0.007
11C2469	4.0 %	✓	0.0000555	15.357	0.0281951	1.424	0.0001879	4.538	0.0152551	0.142	0.2276030	0.096	14.00604 ± 0.33401	69.96 ± 1.64	93.76	2.88	0.232 ± 0.007
11C2471	4.3 %	✓	0.0000594	14.367	0.0452076	1.432	0.0003036	2.429	0.0244081	0.130	0.3590286	0.122	14.15171 ± 0.21314	70.67 ± 1.04	96.09	4.61	0.232 ± 0.007
11C2472	4.6 %	✓	0.0000580	21.338	0.0579382	1.478	0.0003689	2.204	0.0314505	0.138	0.4549079	0.093	14.07914 ± 0.23777	70.32 ± 1.16	97.22	5.94	0.233 ± 0.007
11C2473	4.9 %	✓	0.0000561	18.395	0.0502130	1.384	0.0003277	2.419	0.0274768	0.085	0.3940710	0.123	13.89706 ± 0.22640	69.43 ± 1.11	96.78	5.19	0.235 ± 0.007
11C2475	5.3 %	✓	0.0000493	18.091	0.0524333	1.417	0.0003518	2.077	0.0288992	0.270	0.4096961	0.129	13.83029 ± 0.20066	69.10 ± 0.98	97.44	5.46	0.237 ± 0.007
11C2476	5.7 %	✓	0.0000533	16.168	0.0624291	1.401	0.0004233	2.832	0.0343995	0.151	0.4916905	0.143	13.99357 ± 0.15944	69.90 ± 0.78	97.78	6.50	0.237 ± 0.007
11C2477	6.1 %	✓	0.0000341	26.596	0.0565606	1.394	0.0003704	1.818	0.0312480	0.148	0.4413426	0.060	13.95818 ± 0.17774	69.73 ± 0.87	98.71	5.90	0.237 ± 0.007
11C2479	6.6 %	✓	0.0000319	28.523	0.0670901	1.394	0.0004296	1.997	0.0366620	0.121	0.5191304	0.046	14.06189 ± 0.15139	70.23 ± 0.74	99.19	6.92	0.235 ± 0.007
11C2480	7.1 %	✓	0.0000408	19.148	0.0694513	1.431	0.0004590	1.686	0.0381726	0.089	0.5374907	0.092	13.92301 ± 0.12625	69.55 ± 0.62	98.76	7.21	0.236 ± 0.007
11C2481	7.7 %	✓	0.0000498	14.713	0.0643511	1.402	0.0004102	2.305	0.0344688	0.120	0.4848931	0.057	13.80248 ± 0.13117	68.96 ± 0.64	97.99	6.51	0.230 ± 0.006
11C2483	8.4 %	✓	0.0000422	23.736	0.0692850	1.479	0.0004449	2.836	0.0368760	0.094	0.5186395	0.058	13.88921 ± 0.16383	69.39 ± 0.80	98.63	6.96	0.229 ± 0.007
11C2484	9.2 %	✓	0.0000531	16.659	0.0728606	1.406	0.0004537	1.852	0.0366763	0.207	0.5157917	0.071	13.80807 ± 0.15509	68.99 ± 0.76	98.05	6.93	0.216 ± 0.006
11C2485	10.1 %	✓	0.0000767	9.367	0.0618849	1.416	0.0003469	1.966	0.0277465	0.242	0.3994093	0.130	13.77180 ± 0.17138	68.81 ± 0.84	95.53	5.24	0.193 ± 0.006
11C2487	11.3 %		0.0000882	8.797	0.0668769	1.391	0.0003471	2.485	0.0269938	0.159	0.3853702	0.105	13.52528 ± 0.17817	67.60 ± 0.87	94.58	5.10	0.173 ± 0.005
11C2488	12.7 %		0.0000920	7.540	0.0691294	1.397	0.0002622	3.895	0.0205325	0.146	0.3013503	0.113	13.64456 ± 0.20697	68.19 ± 1.02	92.76	3.87	0.127 ± 0.004
11C2489	14.4 %		0.0001004	8.074	0.0695376	1.405	0.0002064	3.731	0.0150993	0.104	0.2324060	0.082	13.82781 ± 0.32077	69.09 ± 1.57	89.56	2.85	0.093 ± 0.003
11C2491	16.6 %		0.0000961	9.073	0.1010524	1.474	0.0001869	4.607	0.0131447	0.246	0.2069335	0.120	14.25568 ± 0.40238	71.18 ± 1.97	90.09	2.47	0.056 ± 0.002
11C2492	19.6 %		0.0001907	7.862	0.0956462	1.383	0.0001316	14.397	0.0095874	0.349	0.1775920	0.091	13.51270 ± 0.93631	67.54 ± 4.59	72.46	1.80	0.043 ± 0.001
11C2494	25.0 %		0.0001861	1.934	0.2347430	1.402	0.0002307	3.285	0.0128953	0.082	0.1951485	0.095	12.44043 ± 0.17551	62.27 ± 0.86	81.20	2.41	0.023 ± 0.001
11C2495	30.0 %		0.0003432	3.391	0.0686092	1.398	0.0001129	6.709	0.0032695	0.683	0.1398392	0.085	13.57760 ± 2.14425	67.86 ± 10.52	31.30	0.61	0.020 ± 0.001
11C2496	35.0 %		0.0007810	0.805	0.1090837	1.416	0.0002058	3.407	0.0033085	0.636	0.2632131	0.073	12.65366 ± 1.16839	63.32 ± 5.75	15.55	0.61	0.013 ± 0.000
		Σ	0.0064324	0.838	1.6148428	0.341	0.0075865	0.674	0.5298823	0.037	9.1807429	0.020					

Information on Analysis and Constants Used in Calculations

Sample = 330-U1373A-13R4 101-104 CM
Material = Groundmass 213-300µm
Location = Rigil Guyot, Site U1373
Analyst = Anthony Koppers
Project = LOUISVILLE
Mass Discrimination Law = LIN
Irradiation = OSU3A11
J = 0.00282310 ± 0.00000621
FCT-3 = 28.030 ± 0.003 Ma
IGSN = KOP000021
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 = 28°33.9'S - 173°16.8'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

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau		13.91732 ± 0.06235 (± 0.45%)	69.53 ± 0.43 (± 0.62%)	1.72	76.25	0.228 ± 0.008
		Minimal External Error ± 1.18		6%	13	
		Analytical Error ± 0.31		1.82	2σ Confidence Limit	
				1.3100	Error Magnification	
Total Fusion Age		14.00431 ± 0.06155 (± 0.44%)	69.95 ± 0.43 (± 0.61%)		26	0.141 ± 0.001
		Minimal External Error ± 1.19				
		Analytical Error ± 0.30				
Normal Isochron	155.01 ± 126.52 (± 81.62%)	14.01352 ± 0.12948 (± 0.92%)	70.00 ± 0.70 (± 1.00%)	3.88	76.25	
No Convergence		Minimal External Error ± 1.31		0%	13	
		Analytical Error ± 0.63		1.85	2σ Confidence Limit	
				1.9685	Error Magnification	
				500	Number of Iterations	
				0.0000212317	Convergence	
Inverse Isochron	386.33 ± 147.88 (± 38.28%)	13.82038 ± 0.15292 (± 1.11%)	69.05 ± 0.81 (± 1.17%)	1.52	76.25	
		Minimal External Error ± 1.36		11%	13	
				1.85	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
11C2462	2.0 %		0.0020091	1.00	0.0000000	0.00	0.0000003	3.39	0.0000000	154.54	0.0012481	3.39	0.0003755	1.00	0.0000000	0.00	0.0000069	2.66	0.0000002	3.39	0.0000096	154.63	0.0006024	2.66	0.0000008	3.39	0.0245533	24.38	0.5936771	1.00	0.0000000	0.00	0.0000006	2.66
11C2463	2.4 %		0.0009993	1.40	0.0000000	0.00	0.0000006	4.86	0.0000000	74.88	0.0021674	4.86	0.0001868	1.40	0.0000000	0.00	0.0000098	1.61	0.0000003	4.86	0.0000187	75.08	0.0008573	1.61	0.0000015	4.86	0.0241561	17.12	0.2952789	1.40	0.0000000	0.00	0.0000009	1.61
11C2465	2.8 %		0.0005956	3.59	0.0000000	0.00	0.0000021	1.64	0.0000000	64.22	0.0081423	1.64	0.0001113	3.59	0.0000000	0.00	0.0000435	0.48	0.0000011	1.64	0.0000230	64.45	0.0038183	0.48	0.0000055	1.64	0.0837419	7.56	0.1759868	3.59	0.0000000	0.00	0.0000039	0.48
11C2466	3.2 %		0.0002234	2.82	0.0000000	0.00	0.0000039	1.38	0.0000000	315.93	0.0147465	1.38	0.0000418	2.82	0.0000000	0.00	0.0000855	0.15	0.0000020	1.38	0.0000020	315.98	0.0075121	0.15	0.0000099	1.38	0.1238460	1.52	0.0660102	2.82	0.0000000	0.00	0.0000076	0.15
11C2468	3.7 %		0.0000560	15.20	0.0000000	0.00	0.0000042	1.41	0.0000000	0.00	0.0159602	1.41	0.0000105	15.20	0.0000000	0.00	0.0000967	0.29	0.0000022	1.41	0.0000000	0.00	0.0084933	0.29	0.0000107	1.41	0.1213686	2.09	0.0165553	15.20	0.0000000	0.00	0.0000086	0.29
11C2469	4.0 %	✓	0.0000480	17.74	0.0000000	0.00	0.0000074	1.42	0.0000000	547.73	0.0281951	1.42	0.0000090	17.74	0.0000000	0.00	0.0001734	0.14	0.0000039	1.42	0.0000016	547.76	0.0152362	0.14	0.0000190	1.42	0.2133983	1.18	0.0141893	17.74	0.0000000	0.00	0.0000154	0.14
11C2471	4.3 %	✓	0.0000474	17.98	0.0000000	0.00	0.0000119	1.43	0.0000000	68.61	0.0452076	1.43	0.0000089	17.98	0.0000000	0.00	0.0002774	0.13	0.0000063	1.43	0.0000110	68.82	0.0243776	0.13	0.0000304	1.43	0.3449852	0.74	0.0140188	17.98	0.0000000	0.00	0.0000246	0.13
11C2472	4.6 %	✓	0.0000427	28.98	0.0000000	0.00	0.0000153	1.48	0.0000000	0.00	0.0579382	1.48	0.0000080	28.98	0.0000000	0.00	0.0003575	0.14	0.0000081	1.48	0.0000000	0.00	0.0314115	0.14	0.0000390	1.48	0.4422474	0.83	0.0126288	28.98	0.0000000	0.00	0.0000317	0.14
11C2473	4.9 %	✓	0.0000429	24.09	0.0000000	0.00	0.0000133	1.38	0.0000000	######	0.0502130	1.38	0.0000080	24.09	0.0000000	0.00	0.0003123	0.09	0.0000070	1.38	0.0000004	######	0.0274430	0.09	0.0000338	1.38	0.3813770	0.81	0.0126663	24.09	0.0000000	0.00	0.0000277	0.09
11C2475	5.3 %	✓	0.0000354	25.17	0.0000000	0.00	0.0000138	1.42	0.0000000	80.73	0.0524333	1.42	0.0000066	25.17	0.0000000	0.00	0.0003285	0.27	0.0000073	1.42	0.0000094	80.91	0.0288639	0.27	0.0000353	1.42	0.3991967	0.67	0.0104702	25.17	0.0000000	0.00	0.0000292	0.27
11C2476	5.7 %	✓	0.0000368	23.42	0.0000000	0.00	0.0000165	1.40	0.0000000	72.42	0.0624291	1.40	0.0000069	23.42	0.0000000	0.00	0.0003910	0.15	0.0000087	1.40	0.0000168	72.62	0.0343575	0.15	0.0000420	1.40	0.4807846	0.55	0.0108713	23.42	0.0000000	0.00	0.0000347	0.15
11C2477	6.1 %	✓	0.0000192	47.28	0.0000000	0.00	0.0000149	1.39	0.0000000	182.69	0.0565606	1.39	0.0000036	47.28	0.0000000	0.00	0.0003552	0.15	0.0000079	1.39	0.0000038	182.77	0.0312099	0.15	0.0000381	1.39	0.4356333	0.62	0.0056778	47.28	0.0000000	0.00	0.0000315	0.15
11C2479	6.6 %	✓	0.0000142	64.16	0.0000000	0.00	0.0000177	1.39	0.0000000	947.97	0.0670901	1.39	0.0000027	64.16	0.0000000	0.00	0.0004167	0.12	0.0000093	1.39	0.0000009	947.99	0.0366168	0.12	0.0000452	1.39	0.5149016	0.52	0.0041918	64.16	0.0000000	0.00	0.0000370	0.12
11C2480	7.1 %	✓	0.0000224	34.83	0.0000000	0.00	0.0000183	1.43	0.0000000	69.96	0.0694513	1.43	0.0000042	34.83	0.0000000	0.00	0.0004339	0.09	0.0000097	1.43	0.0000113	70.16	0.0381259	0.09	0.0000467	1.43	0.5308272	0.44	0.0066249	34.83	0.0000000	0.00	0.0000385	0.09
11C2481	7.7 %	✓	0.0000328	22.34	0.0000000	0.00	0.0000170	1.40	0.0000000	280.95	0.0643511	1.40	0.0000061	22.34	0.0000000	0.00	0.0003918	0.12	0.0000089	1.40	0.0000034	281.00	0.0344255	0.12	0.0000433	1.40	0.4751575	0.46	0.0097009	22.34	0.0000000	0.00	0.0000348	0.12
11C2483	8.4 %	✓	0.0000239	41.90	0.0000000	0.00	0.0000183	1.48	0.0000000	109.32	0.0692850	1.48	0.0000045	41.90	0.0000000	0.00	0.0004191	0.09	0.0000096	1.48	0.0000117	109.46	0.0368294	0.09	0.0000466	1.48	0.5115308	0.58	0.0070716	41.90	0.0000000	0.00	0.0000372	0.09
11C2484	9.2 %	✓	0.0000339	26.14	0.0000000	0.00	0.0000192	1.41	0.0000000	42.49	0.0728606	1.41	0.0000063	26.14	0.0000000	0.00	0.0004168	0.21	0.0000101	1.41	0.0000204	42.83	0.0366272	0.21	0.0000490	1.41	0.5057516	0.52	0.0100031	26.14	0.0000000	0.00	0.0000370	0.21
11C2485	10.1 %	✓	0.0000604	11.91	0.0000000	0.00	0.0000163	1.42	0.0000000	59.87	0.0618849	1.42	0.0000113	11.91	0.0000000	0.00	0.0003153	0.24	0.0000086	1.42	0.0000117	60.11	0.0277048	0.24	0.0000416	1.42	0.3815450	0.57	0.0178363	11.91	0.0000000	0.00	0.0000280	0.24
11C2487	11.3 %		0.0000706	11.00	0.0000000	0.00	0.0000177	1.39	0.0000000	49.18	0.0668769	1.39	0.0000132	11.00	0.0000000	0.00	0.0003067	0.16	0.0000093	1.39	0.0000179	49.47	0.0269488	0.16	0.0000450	1.39	0.3644905	0.64	0.0208524	11.00	0.0000000	0.00	0.0000272	0.16
11C2488	12.7 %		0.0000738	9.41	0.0000000	0.00	0.0000183	1.40	0.0000000	181.19	0.0691294	1.40	0.0000138	9.41	0.0000000	0.00	0.0002331	0.15	0.0000096	1.40	0.0000057	181.27	0.0204860	0.15	0.0000465	1.40	0.2795225	0.74	0.0218070	9.41	0.0000000	0.00	0.0000207	0.15
11C2489	14.4 %		0.0000821	9.89	0.0000000	0.00	0.0000184	1.40	0.0000000	77.74	0.0695376	1.40	0.0000153	9.89	0.0000000	0.00	0.0001713	0.10	0.0000097	1.40	0.0000101	77.93	0.0150525	0.10	0.0000468	1.40	0.2081431	1.16	0.0242477	9.89	0.0000000	0.00	0.0000152	0.10
11C2491	16.6 %		0.0000694	12.57	0.0000000	0.00	0.0000267	1.47	0.0000000	79.55	0.1010524	1.47	0.0000130	12.57	0.0000000	0.00	0.0001488	0.25	0.0000140	1.47	0.0000111	79.73	0.0130767	0.25	0.0000680	1.47	0.1864174	1.39	0.0205030	12.57	0.0000000	0.00	0.0000132	0.25
11C2492	19.6 %		0.0001655	9.06	0.0000000	0.00	0.0000253	1.38	0.0000000	0.00	0.0956462	1.38	0.0000309	9.06	0.0000000	0.00	0.0001084	0.35	0.0000133	1.38	0.0000000	0.00	0.0095231	0.35	0.0000644	1.38	0.1286825	3.45	0.0488998	9.06	0.0000000	0.00	0.0000096	0.35
11C2494	25.0 %		0.0001241	2.98	0.0000000	0.00	0.0000620	1.40	0.0000000	26.02	0.2347430	1.40	0.0000232	2.98	0.0000000	0.00	0.0001450	0.09	0.0000326	1.40	0.0000300	26.57	0.0127373	0.09	0.0001580	1.40	0.1584573	0.70	0.0366783	2.98	0.0000000	0.00	0.0000129	0.09
11C2495	30.0 %		0.0003251	3.58	0.0000000	0.00	0.0000181	1.40	0.0000000	134.17	0.0686092	1.40	0.0000608	3.58	0.0000000	0.00	0.0000367	0.69	0.0000095	1.40	0.0000059	134.28	0.0032233	0.69	0.0000462	1.40	0.0437645	7.87	0.0960715	3.58	0.0000000	0.00	0.0000033	0.69
11C2496	35.0 %		0.0007522	0.84	0.0000000	0.00	0.0000288	1.42	0.0000000	53.99	0.1090837	1.42	0.0001406	0.84	0.0000000	0.00	0.0000368	0.65	0.0000152	1.42	0.0000133	54.26	0.0032351	0.65	0.0000734	1.42	0.0409357	4.57	0.2222741	0.84	0.0000000	0.00	0.0000033	0.65
		Σ	0.0060061	0.90	0.0000000	0.00	0.0004263	0.34	0.0000000	18.49	1.6148428	0.34	0.0011225	0.90	0.0000000	0.00	0.0060177	0.04	0.0002245	0.34	0.0002498	18.59	0.5287955	0.04	0.0010868	0.34	7.4054156	0.22	1.7747932	0.90	0.0000000	0.00	0.0005341	0.04
		Σ							0.0064324	0.84	1.6148428	0.34									0.0076144	0.62			0.5298823	0.04							9.1807429	0.25

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
11C2462	2.0 %		1024.783827	27.259060	2.068816	0.089140	3.330779	0.094638	68.070	3.852158	1.00048189	1.236E-13
11C2463	2.4 %		371.953448	5.989541	2.523752	0.129168	1.164205	0.024821	68.085	3.853321	1.00048200	6.389E-14
11C2465	2.8 %		67.925670	0.335770	2.129387	0.036333	0.156314	0.005645	68.116	3.855647	1.00048221	5.195E-14
11C2466	3.2 %		25.241214	0.047801	1.960453	0.027129	0.030215	0.000839	68.131	3.856811	1.00048232	3.797E-14
11C2468	3.7 %		16.219685	0.057612	1.876779	0.027046	0.007083	0.001002	68.801	3.908148	1.00048705	2.759E-14
11C2469	4.0 %	✓	14.919763	0.025484	1.848234	0.026448	0.003636	0.000558	68.817	3.909381	1.00048716	4.552E-14
11C2471	4.3 %	✓	14.709430	0.026184	1.852160	0.026630	0.002433	0.000350	68.849	3.911902	1.00048739	7.181E-14
11C2472	4.6 %	✓	14.464235	0.024034	1.842201	0.027337	0.001845	0.000394	68.865	3.913083	1.00048750	9.098E-14
11C2473	4.9 %	✓	14.341964	0.021476	1.827469	0.025346	0.002042	0.000376	68.880	3.914264	1.00048761	7.881E-14
11C2475	5.3 %	✓	14.176710	0.042426	1.814349	0.026171	0.001705	0.000309	68.910	3.916573	1.00048782	8.194E-14
11C2476	5.7 %	✓	14.293517	0.029674	1.814822	0.025566	0.001549	0.000250	68.926	3.917809	1.00048793	9.834E-14
11C2477	6.1 %	✓	14.123887	0.022558	1.810057	0.025368	0.001093	0.000291	68.941	3.918991	1.00048804	8.827E-14
11C2479	6.6 %	✓	14.159922	0.018392	1.829965	0.025613	0.000870	0.000248	68.972	3.921357	1.00048825	1.038E-13
11C2480	7.1 %	✓	14.080520	0.018025	1.819400	0.026093	0.001068	0.000204	68.987	3.922541	1.00048836	1.075E-13
11C2481	7.7 %	✓	14.067581	0.018672	1.866935	0.026268	0.001445	0.000213	69.001	3.923671	1.00048846	9.698E-14
11C2483	8.4 %	✓	14.064420	0.015567	1.878863	0.027849	0.001145	0.000272	69.032	3.926039	1.00048868	1.037E-13
11C2484	9.2 %	✓	14.063360	0.030751	1.986588	0.028237	0.001448	0.000241	69.047	3.927224	1.00048879	1.032E-13
11C2485	10.1 %	✓	14.394965	0.039528	2.230371	0.032035	0.002764	0.000259	69.063	3.928410	1.00048889	7.988E-14
11C2487	11.3 %		14.276225	0.027148	2.477487	0.034688	0.003268	0.000288	69.093	3.930781	1.00048911	7.707E-14
11C2488	12.7 %		14.676728	0.027074	3.366823	0.047280	0.004483	0.000338	69.108	3.931968	1.00048922	6.027E-14
11C2489	14.4 %		15.391844	0.020340	4.605356	0.064871	0.006650	0.000537	69.123	3.933100	1.00048932	4.648E-14
11C2491	16.6 %		15.742718	0.043125	7.687684	0.114867	0.007308	0.000663	69.153	3.935421	1.00048953	4.139E-14
11C2492	19.6 %		18.523383	0.066843	9.976192	0.142336	0.019894	0.001566	69.167	3.936555	1.00048963	3.552E-14
11C2494	25.0 %		15.133350	0.019045	18.203818	0.255593	0.014432	0.000279	69.827	3.988187	1.00049429	3.903E-14
11C2495	30.0 %		42.771373	0.294375	20.984891	0.326575	0.104980	0.003632	69.842	3.989391	1.00049440	2.797E-14
11C2496	35.0 %		79.556593	0.509560	32.970743	0.511911	0.236058	0.002422	69.857	3.990540	1.00049450	5.264E-14

Procedure Blanks		36Ar [V]	1σ	37Ar [V]	1σ	38Ar [V]	1σ	39Ar [V]	1σ	40Ar [V]	1σ
11C2462	2	0.0003421	0.0000052	0.0000098	0.0000075	0.0000175	0.0000050	0.0000697	0.0000074	0.0190910	0.0001031
11C2463	2.4	0.0003421	0.0000052	0.0000098	0.0000075	0.0000175	0.0000050	0.0000697	0.0000074	0.0190910	0.0001031
11C2465	2.8	0.0003129	0.0000059	0.0000209	0.0000036	0.0000121	0.0000048	0.0000848	0.0000058	0.0100124	0.0000257
11C2466	3.2	0.0003129	0.0000059	0.0000209	0.0000036	0.0000121	0.0000048	0.0000848	0.0000058	0.0100124	0.0000257
11C2468	3.7	0.0002820	0.0000052	0.0000185	0.0000073	0.0000027	0.0000049	0.0000381	0.0000176	0.0030365	0.0001349
11C2469	4	0.0002809	0.0000071	0.0000159	0.0000067	0.0000028	0.0000049	0.0000487	0.0000095	0.0033244	0.0001646
11C2471	4.3	0.0002808	0.0000071	0.0000126	0.0000067	0.0000030	0.0000049	0.0000595	0.0000095	0.0038171	0.0001646
11C2472	4.6	0.0002825	0.0000071	0.0000125	0.0000067	0.0000034	0.0000049	0.0000634	0.0000095	0.0040267	0.0001646
11C2473	4.9	0.0002851	0.0000071	0.0000132	0.0000067	0.0000039	0.0000049	0.0000666	0.0000095	0.0042240	0.0001646
11C2475	5.3	0.0002919	0.0000071	0.0000159	0.0000067	0.0000051	0.0000049	0.0000713	0.0000095	0.0045767	0.0001646
11C2476	5.7	0.0002960	0.0000071	0.0000178	0.0000067	0.0000057	0.0000049	0.0000730	0.0000095	0.0047491	0.0001646
11C2477	6.1	0.0002999	0.0000071	0.0000198	0.0000067	0.0000063	0.0000049	0.0000743	0.0000095	0.0049044	0.0001646
11C2479	6.6	0.0003068	0.0000071	0.0000236	0.0000067	0.0000073	0.0000049	0.0000759	0.0000095	0.0051899	0.0001646
11C2480	7.1	0.0003095	0.0000071	0.0000250	0.0000067	0.0000076	0.0000049	0.0000763	0.0000095	0.0053216	0.0001646
11C2481	7.7	0.0003112	0.0000071	0.0000260	0.0000067	0.0000077	0.0000049	0.0000766	0.0000095	0.0054414	0.0001646
11C2483	8.4	0.0003115	0.0000071	0.0000259	0.0000067	0.0000074	0.0000049	0.0000770	0.0000095	0.0056764	0.0001646
11C2484	9.2	0.0003095	0.0000071	0.0000246	0.0000067	0.0000068	0.0000049	0.0000773	0.0000095	0.0057873	0.0001646
11C2485	10.1	0.0003058	0.0000071	0.0000222	0.0000067	0.0000060	0.0000049	0.0000777	0.0000095	0.0058948	0.0001646
11C2487	11.3	0.0003079	0.0000064	0.0000233	0.0000079	0.0000061	0.0000063	0.0000720	0.0000070	0.0062481	0.0000322
11C2488	12.7	0.0003155	0.0000064	0.0000278	0.0000079	0.0000082	0.0000063	0.0000632	0.0000070	0.0065447	0.0000322
11C2489	14.4	0.0003249	0.0000064	0.0000332	0.0000079	0.0000108	0.0000063	0.0000526	0.0000070	0.0068784	0.0000322
11C2491	16.6	0.0003513	0.0000064	0.0000484	0.0000079	0.0000184	0.0000063	0.0000232	0.0000070	0.0077393	0.0000322
11C2492	19.6	0.0003372	0.0000112	0.0000404	0.0000137	0.0000140	0.0000118	0.0000399	0.0000086	0.0072648	0.0000360
11C2494	25	0.0003078	0.0000031	0.0000362	0.0000070	0.0000090	0.0000050	0.0000248	0.0000069	0.0023779	0.0000112
11C2495	30	0.0003078	0.0000031	0.0000362	0.0000070	0.0000090	0.0000050	0.0000248	0.0000069	0.0023779	0.0000112
11C2496	35	0.0003078	0.0000031	0.0000362	0.0000070	0.0000090	0.0000050	0.0000248	0.0000069	0.0023779	0.0000112

Intercept Values		36Ar [V]	1σ	r2		37Ar [V]	1σ	r2		38Ar [V]	1σ	r2		39Ar [V]	1σ	r2		40Ar [V]	1σ	r2	
11C2462	2	0.0023717	0.0000193	0.8954	LIN #	0.0003355	0.0000070	0.4796	LIN #	0.0004091	0.0000135	0.3062	EXP #	0.0006673	0.0000141	0.9996	EXP #	0.6283987	0.0005722	0.9982	EXP # 1
11C2463	2.4	0.0013498	0.0000130	0.8438	LIN #	0.0005755	0.0000253	0.1817	LIN #	0.0002327	0.0000128	0.1719	LIN #	0.0009210	0.0000116	0.9994	EXP #	0.3338529	0.0001578	0.9994	EXP # 1
11C2465	2.8	0.0009139	0.0000208	0.0959	LIN #	0.0021452	0.0000191	0.8936	LIN #	0.0001908	0.0000133	0.0102	LIN #	0.0038781	0.0000173	0.9958	EXP #	0.2660207	0.0002709	0.9967	EXP # 1
11C2466	3.2	0.0005388	0.0000026	0.1761	LIN #	0.0038676	0.0000078	0.9959	LIN #	0.0001432	0.0000039	0.4567	LIN #	0.0075487	0.0000085	0.9913	EXP #	0.1971360	0.0002251	0.9933	EXP # 1
11C2468	3.7	0.0003392	0.0000070	0.0080	LIN #	0.0041275	0.0000119	0.9918	LIN #	0.0001096	0.0000110	0.0178	LIN #	0.0084780	0.0000164	0.9457	LIN #	0.1390501	0.0002510	0.9899	EXP # 1
11C2469	4	0.0003332	0.0000050	0.4689	LIN #	0.0072714	0.0000270	0.9879	LIN #	0.0001905	0.0000070	0.2187	LIN #	0.0151861	0.0000177	0.9919	EXP #	0.2277391	0.0001403	0.9990	EXP # 1
11C2471	4.3	0.0003371	0.0000050	0.8305	LIN #	0.0116410	0.0000472	0.9871	EXP # 1	0.0003065	0.0000056	0.0000	LIN #	0.0242842	0.0000275	0.9924	LIN #	0.3579066	0.0003988	0.9970	EXP # 1
11C2472	4.6	0.0003375	0.0000104	0.6002	LIN #	0.0149110	0.0000813	0.9750	LIN #	0.0003721	0.0000065	0.5170	LIN #	0.0312778	0.0000390	0.9912	EXP #	0.4526876	0.0003827	0.9984	EXP # 1
11C2473	4.9	0.0003381	0.0000077	0.6830	LIN #	0.0129212	0.0000222	0.9979	EXP # 1	0.0003315	0.0000063	0.3060	LIN #	0.0273369	0.0000164	0.9977	LIN #	0.3928734	0.0004497	0.9966	EXP # 1
11C2475	5.3	0.0003378	0.0000057	0.7670	LIN #	0.0134840	0.0000466	0.9888	EXP #	0.0003565	0.0000055	0.0068	LIN #	0.0287477	0.0000756	0.9705	EXP #	0.4085530	0.0004939	0.9971	EXP # 1 4
11C2476	5.7	0.0003459	0.0000052	0.8677	LIN # 3	0.0160501	0.0000435	0.9932	EXP #	0.0004288	0.0000110	0.0039	LIN #	0.0342109	0.0000476	0.9895	EXP #	0.4896337	0.0006729	0.9953	EXP # 1
11C2477	6.1	0.0003303	0.0000059	0.8997	LIN #	0.0145391	0.0000334	0.9951	LIN #	0.0003764	0.0000047	0.6854	LIN #	0.0310813	0.0000422	0.9919	EXP # 1	0.4400858	0.0002039	0.9994	EXP # 1
11C2479	6.6	0.0003349	0.0000060	0.8602	LIN #	0.0172354	0.0000399	0.9965	EXP # 1	0.0004365	0.0000071	0.4737	LIN #	0.0364553	0.0000392	0.9951	EXP # 1	0.5170812	0.0001705	0.9997	EXP # 1
11C2480	7.1	0.0003465	0.0000036	0.9456	LIN #	0.0178373	0.0000707	0.9855	EXP #	0.0004662	0.0000060	0.2826	LIN #	0.0379548	0.0000263	0.9983	EXP # 1 7	0.5353179	0.0004594	0.9980	EXP # 1
11C2481	7.7	0.0003574	0.0000024	0.9658	LIN #	0.0165270	0.0000446	0.9950	EXP # 1	0.0004177	0.0000081	0.4107	LIN #	0.0342831	0.0000360	0.9939	EXP #	0.4836123	0.0002204	0.9994	EXP # 1
11C2483	8.4	0.0003499	0.0000073	0.8333	LIN #	0.0177779	0.0000963	0.9812	EXP # 1	0.0004519	0.0000116	0.0448	LIN #	0.0366653	0.0000277	0.9979	EXP # 1 8	0.5170259	0.0002478	0.9994	EXP # 1
11C2484	9.2	0.0003590	0.0000056	0.9174	LIN #	0.0186890	0.0000538	0.9919	EXP #	0.0004602	0.0000069	0.4042	LIN #	0.0364709	0.0000724	0.9872	EXP # 1 4	0.5143777	0.0003229	0.9989	EXP # 1
11C2485	10.1	0.0003793	0.0000019	0.9705	LIN #	0.0158702	0.0000523	0.9922	EXP # 1	0.0003526	0.0000048	0.5480	LIN #	0.0276100	0.0000645	0.9708	LIN # 1	0.3997082	0.0004847	0.9961	EXP # 1
11C2487	11.3	0.0003930	0.0000047	0.7325	LIN #	0.0171410	0.0000331	0.9972	LIN # 1	0.0003530	0.0000060	0.1319	LIN #	0.0268602	0.0000397	0.9782	LIN #	0.3862494	0.0003980	0.9965	EXP # 1
11C2488	12.7	0.0004044	0.0000032	0.8886	LIN #	0.0177166	0.0000405	0.9964	EXP # 1	0.0002701	0.0000081	0.5098	LIN #	0.0204392	0.0000270	0.9791	EXP #	0.3036739	0.0003346	0.9962	EXP # 4
11C2489	14.4	0.0004221	0.0000053	0.6260	LIN #	0.0178213	0.0000485	0.9958	EXP # 1 5	0.0002170	0.0000045	0.4525	LIN #	0.0150367	0.0000118	0.9904	LIN # 1 6	0.2360040	0.0001848	0.9976	EXP # 1
11C2491	16.6	0.0004438	0.0000062	0.5252	LIN #	0.0258830	0.0001348	0.9830	EXP # 1	0.0002049	0.0000059	0.0901	LIN #	0.0130679	0.0000307	0.7428	LIN # 1	0.2117298	0.0002434	0.9951	EXP # 2
11C2492	19.6	0.0005258	0.0000104	0.0331	LIN #	0.0244883	0.0000255	0.9992	EXP # 1	0.0001453	0.0000149	0.5867	LIN #	0.0095550	0.0000318	0.2010	LIN #	0.1823405	0.0001545	0.9959	LIN # 1
11C2494	25	0.0004922	0.0000020	0.8906	LIN # 2 3 4 5 8	0.0592798	0.0001008	0.9978	LIN # 1	0.0002396	0.0000057	0.6396	LIN # 1 2 5	0.0128270	0.0000050	0.9992	LIN # 2 3 4 8	0.1948953	0.0001828	0.9966	LIN # 1
11C2495	30	0.0006514	0.0000114	0.5425	LIN # 2 9	0.0173460	0.0000229	0.9993	LIN # 1 5 6	0.0001217	0.0000057	0.4097	LIN # 3 4 8	0.0032704	0.0000210	0.9841	LIN # 1 2	0.1403227	0.0001172	0.9984	EXP # 1 2 8
11C2496	35	0.0010949	0.0000054	0.9344	LIN #	0.0275499	0.0000717	0.9940	LIN #	0.0002147	0.0000049	0.1821	LIN # 1 5	0.0033092	0.0000197	0.9930	LIN #	0.2620532	0.0001900	0.9986	EXP # 1

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
11C2462	2	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	2	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.0142	2E-13	3	OCT	2011	13	23	1	OSU3A11	Louisville	11C2462	01	FCT-3
11C2463	2.4	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	2.4	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.014	2E-13	3	OCT	2011	13	45	1	OSU3A11	Louisville	11C2462	01	FCT-3
11C2465	2.8	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	2.8	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.014	2E-13	3	OCT	2011	14	29	1	OSU3A11	Louisville	11C2462	01	FCT-3
11C2466	3.2	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	3.2	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.0139	2E-13	3	OCT	2011	14	51	1	OSU3A11	Louisville	11C2462	01	FCT-3
11C2468	3.7	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	3.7	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.0138	2E-13	4	OCT	2011	6	55	1	OSU3A11	Louisville	11C2462	01	FCT-3
11C2469	4	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	4	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.014	2E-13	4	OCT	2011	7	18	1	OSU3A11	Louisville	11C2462	01	FCT-3
11C2471	4.3	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	4.3	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.0138	2E-13	4	OCT	2011	8	5	1	OSU3A11	Louisville	11C2462	01	FCT-3
11C2472	4.6	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	4.6	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.0138	2E-13	4	OCT	2011	8	27	1	OSU3A11	Louisville	11C2462	01	FCT-3
11C2473	4.9	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	4.9	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.0138	2E-13	4	OCT	2011	8	49	1	OSU3A11	Louisville	11C2462	01	FCT-3
11C2475	5.3	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	5.3	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.014	2E-13	4	OCT	2011	9	32	1	OSU3A11	Louisville	11C2462	01	FCT-3
11C2476	5.7	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	5.7	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.0139	2E-13	4	OCT	2011	9	55	1	OSU3A11	Louisville	11C2462	01	FCT-3
11C2477	6.1	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	6.1	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.014	2E-13	4	OCT	2011	10	17	1	OSU3A11	Louisville	11C2462	01	FCT-3
11C2479	6.6	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	6.6	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.014	2E-13	4	OCT	2011	11	1	1	OSU3A11	Louisville	11C2462	01	FCT-3
11C2480	7.1	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	7.1	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.014	2E-13	4	OCT	2011	11	23	1	OSU3A11	Louisville	11C2462	01	FCT-3
11C2481	7.7	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	7.7	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.0139	2E-13	4	OCT	2011	11	44	1	OSU3A11	Louisville	11C2462	01	FCT-3
11C2483	8.4	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	8.4	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.0141	2E-13	4	OCT	2011	12	28	1	OSU3A11	Louisville	11C2462	01	FCT-3
11C2484	9.2	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	9.2	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.014	2E-13	4	OCT	2011	12	50	1	OSU3A11	Louisville	11C2462	01	FCT-3
11C2485	10.1	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	10.1	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.014	2E-13	4	OCT	2011	13	12	1	OSU3A11	Louisville	11C2462	01	FCT-3
11C2487	11.3	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	11.3	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.0139	2E-13	4	OCT	2011	13	56	1	OSU3A11	Louisville	11C2462	01	FCT-3
11C2488	12.7	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	12.7	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.0139	2E-13	4	OCT	2011	14	18	1	OSU3A11	Louisville	11C2462	01	FCT-3
11C2489	14.4	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	14.4	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.0139	2E-13	4	OCT	2011	14	39	1	OSU3A11	Louisville	11C2462	01	FCT-3
11C2491	16.6	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	16.6	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.0139	2E-13	4	OCT	2011	15	22	1	OSU3A11	Louisville	11C2462	01	FCT-3
11C2492	19.6	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	19.6	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.0138	2E-13	4	OCT	2011	15	43	1	OSU3A11	Louisville	11C2462	01	FCT-3
11C2494	25	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	25	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.0135	2E-13	5	OCT	2011	7	33	1	OSU3A11	Louisville	11C2462	01	FCT-3
11C2495	30	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	30	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.0135	2E-13	5	OCT	2011	7	55	1	OSU3A11	Louisville	11C2462	01	FCT-3
11C2496	35	330-U1373A-13R4 101-104 cm	Groundmass 213-300µm	Rigil Guyot, Site U1373	Anthony Koppers	35	28.03	0.01	0.0028231	0.22	1.006707	0.05	1.0135	2E-13	5	OCT	2011	8	16	1	OSU3A11	Louisville	11C2462	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
11C2462	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
11C2463	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
11C2465	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
11C2466	3.2	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
11C2468	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
11C2469	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
11C2471	4.3	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
11C2472	4.6	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
11C2473	4.9	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
11C2475	5.3	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
11C2476	5.7	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
11C2477	6.1	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
11C2479	6.6	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
11C2480	7.1	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
11C2481	7.7	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
11C2483	8.4	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
11C2484	9.2	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
11C2485	10.1	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
11C2487	11.3	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
11C2488	12.7	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
11C2489	14.4	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
11C2491	16.6	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
11C2492	19.6	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
11C2494	25	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
11C2495	30	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
11C2496	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

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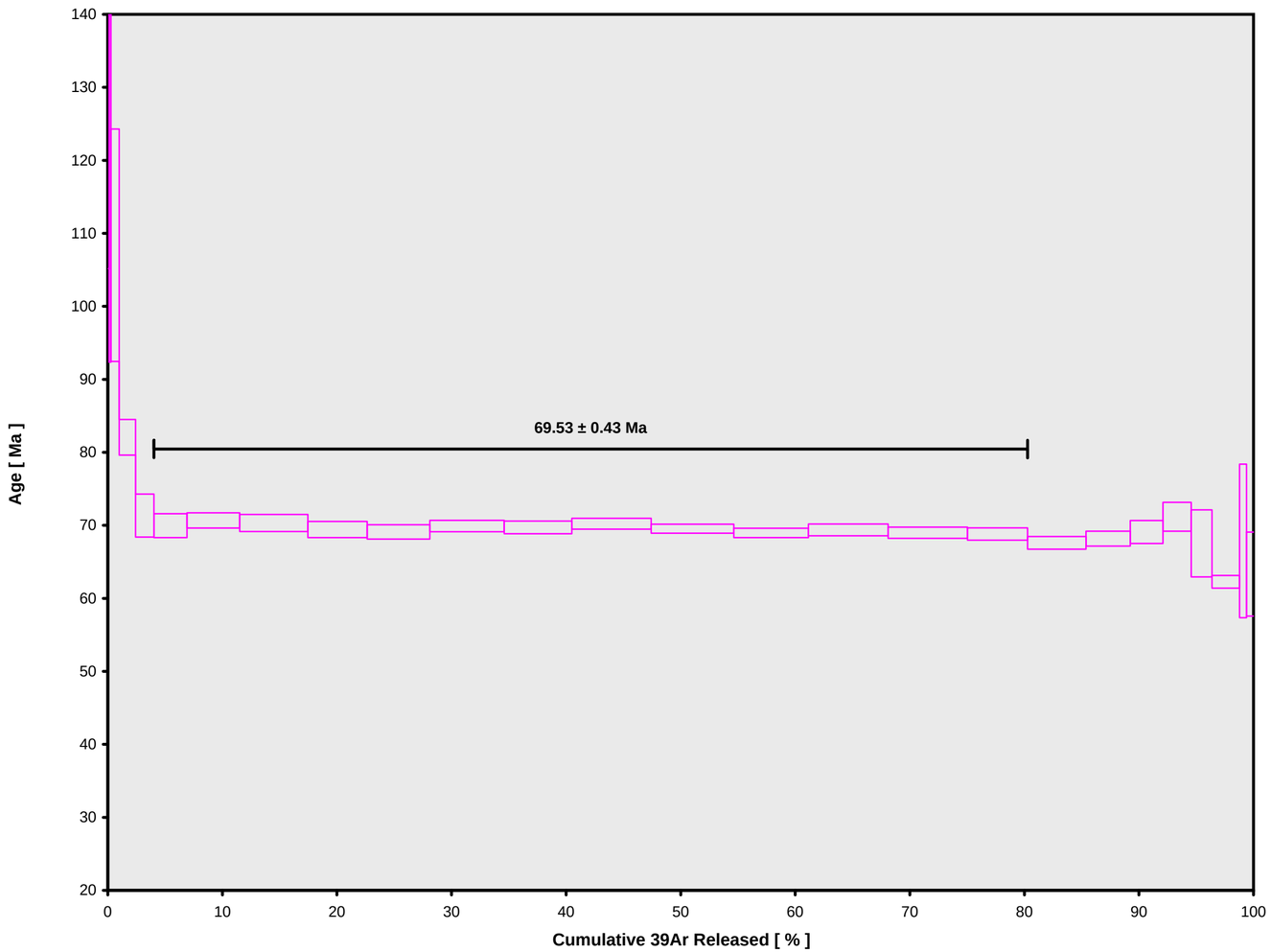
11C2462.AGE >>> 330-U1373A-13R4 101-104 CM >>> LOUISVILLE PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
69.53 ± 0.43
TOTAL FUSION
69.95 ± 0.43
NORMAL ISOCHRON
70.00 ± 0.70
INVERSE ISOCHRON
69.05 ± 0.81

MSWD (PROBABILITY)
1.72 (6%)

Sample Info

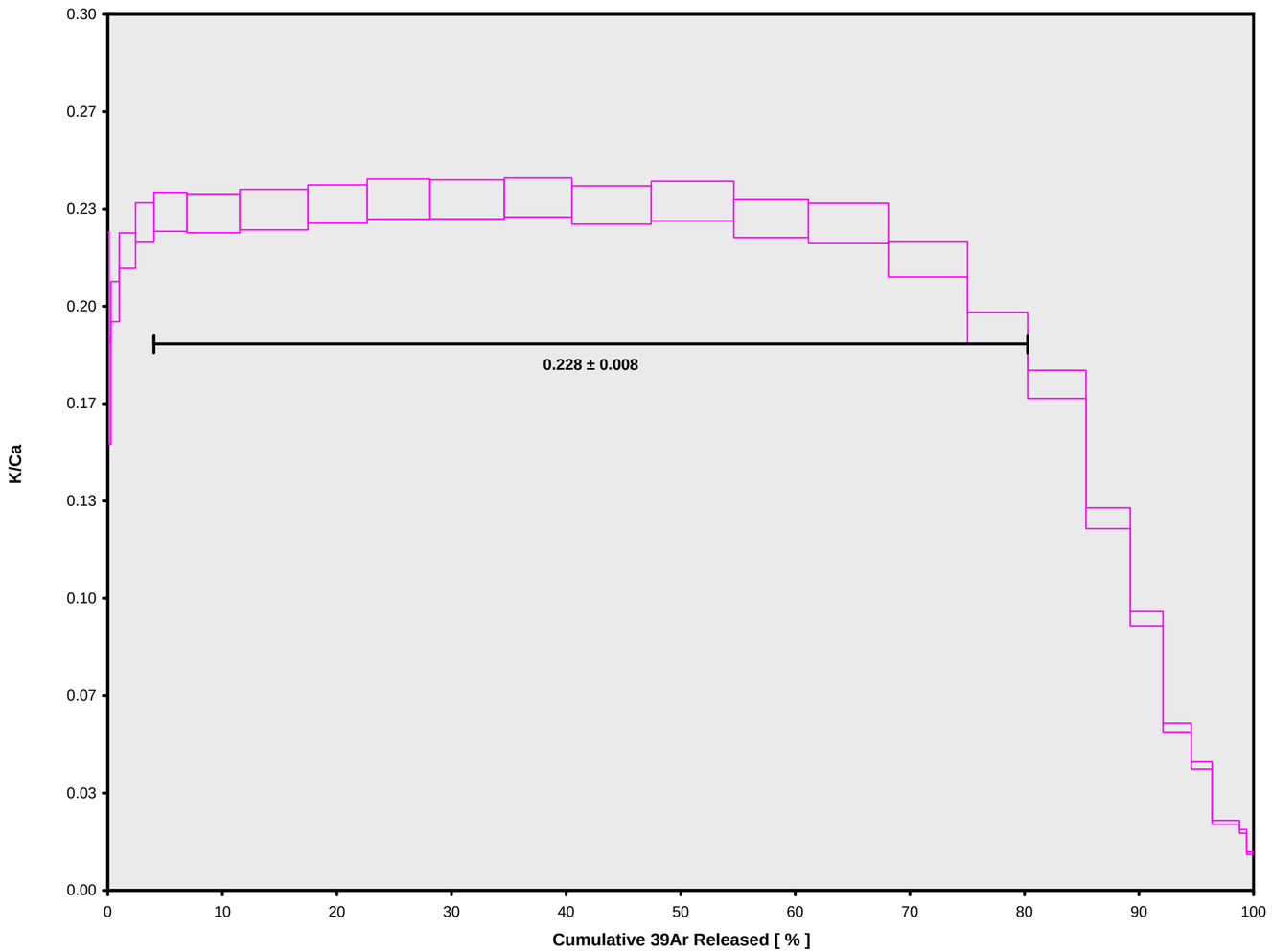
Groundmass 213-300µm
Rigil Guyot, Site U1373
Anthony Koppers

IRR = OSU3A11
J = 0.00282310 ± 0.00000621

RECALIBRATED AGE

OSU Argon Geochronology Laboratory
Oregon State University, Corvallis, USA

11C2462.AGE >>> 330-U1373A-13R4 101-104 CM >>> LOUISVILLE PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
69.53 ± 0.43
TOTAL FUSION
69.95 ± 0.43
NORMAL ISOCHRON
70.00 ± 0.70
INVERSE ISOCHRON
69.05 ± 0.81

Sample Info

Groundmass 213-300µm
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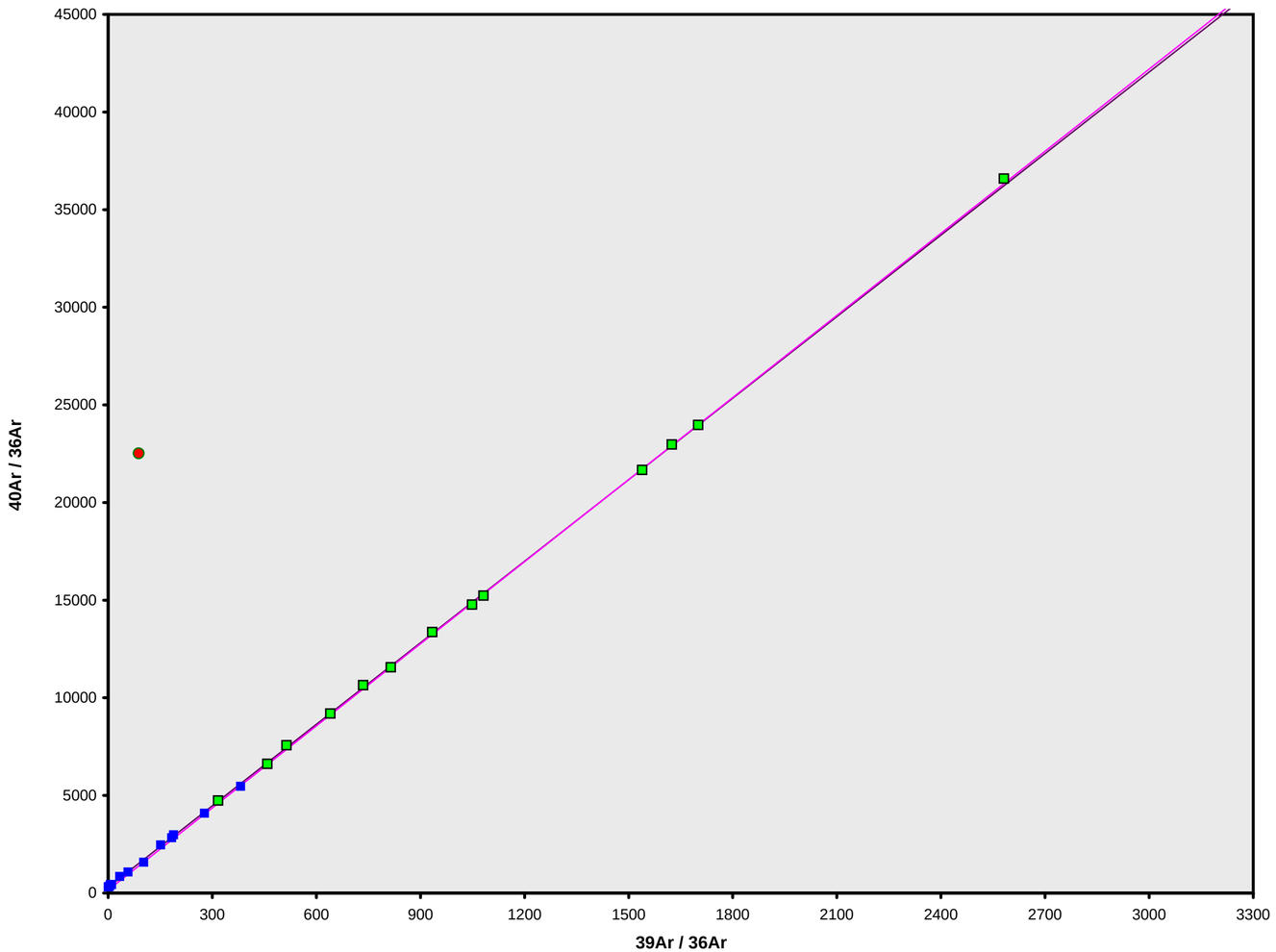
11C2462.AGE >>> 330-U1373A-13R4 101-104 CM >>> LOUISVILLE PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
69.53 ± 0.43
TOTAL FUSION
69.95 ± 0.43
NORMAL ISOCHRON
70.00 ± 0.70
INVERSE ISOCHRON
69.05 ± 0.81

MSWD (PROBABILITY)
3.88 (0%)

40AR/36AR INTERCEPT
155.0 ± 126.5

Sample Info

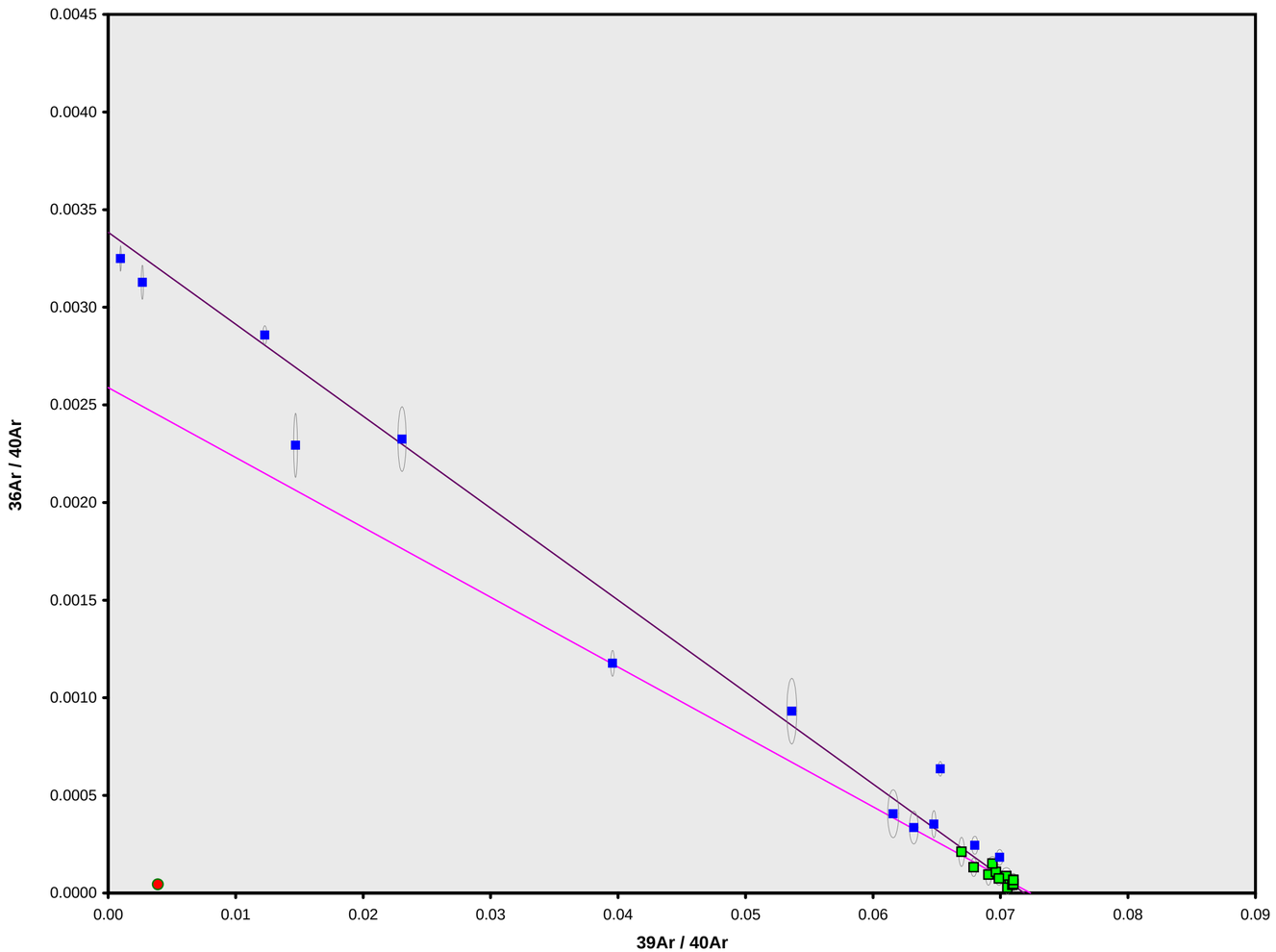
Groundmass 213-300µm
Rigil Guyot, Site U1373
Anthony Koppers

IRR = OSU3A11
J = 0.00282310 ± 0.00000621

RECALIBRATED AGE

OSU Argon Geochronology Laboratory
Oregon State University, Corvallis, USA

11C2462.AGE >>> 330-U1373A-13R4 101-104 CM >>> LOUISVILLE PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
69.53 ± 0.43
TOTAL FUSION
69.95 ± 0.43
NORMAL ISOCHRON
70.00 ± 0.70
INVERSE ISOCHRON
69.05 ± 0.81

MSWD (PROBABILITY)
1.52 (11%)

SPREADING FACTOR
5.6%

40AR/36AR INTERCEPT
386.3 ± 147.9

Sample Info

Groundmass 213-300µm
Rigil Guyot, Site U1373
Anthony Koppers

IRR = OSU3A11
J = 0.00282310 ± 0.00000621

RECALIBRATED AGE