

Incremental Heating		36Ar(a) [M]	37Ar(ca) [M]	38Ar(cl) [M]	39Ar(k) [M]	40Ar(r) [V]	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
11C2815	2.0 %	0.0024087	0.0005806	0.0000068	0.0005997	0.0299689	216.21 ± 55.13	4.04	0.20	0.444 ± 0.125
11C2816	2.4 %	0.0019914	0.0014044	0.0000060	0.0014787	0.0405082	121.71 ± 21.64	6.44	0.50	0.453 ± 0.066
11C2817	2.7 %	0.0007871	0.0021544	0.0000123	0.0021158	0.0447570	94.70 ± 13.57	16.14	0.71	0.422 ± 0.038
11C2819	3.1 %	0.0003827	0.0040675	0.0000000	0.0044103	0.0786910	80.20 ± 6.94	41.03	1.48	0.466 ± 0.029
11C2820	3.5 %	0.0001593	0.0064653	0.0000195	0.0076680	0.1300168	76.30 ± 4.09	73.41	2.58	0.510 ± 0.024
11C2821	3.8 % ✓	0.0000712	0.0076120	0.0000000	0.0093039	0.1489409	72.12 ± 3.18	87.62	3.12	0.526 ± 0.025
11C2823	4.0 % ✓	0.0000318	0.0066890	0.0000172	0.0080117	0.1284305	72.22 ± 3.96	93.18	2.69	0.515 ± 0.024
11C2824	4.2 % ✓	0.0000293	0.0070026	0.0000027	0.0081087	0.1260623	70.08 ± 3.91	93.57	2.72	0.498 ± 0.024
11C2825	4.4 % ✓	0.0000348	0.0086863	0.0000000	0.0100414	0.1566964	70.34 ± 2.92	93.84	3.37	0.497 ± 0.023
11C2827	4.7 % ✓	0.0000162	0.0093918	0.0000000	0.0103161	0.1634922	71.41 ± 2.97	97.14	3.46	0.472 ± 0.022
11C2828	5.0 % ✓	0.0000183	0.0129429	0.0000024	0.0141703	0.2221784	70.67 ± 1.85	97.62	4.76	0.471 ± 0.020
11C2829	5.4 % ✓	0.0000178	0.0147557	0.0000000	0.0149762	0.2347661	70.65 ± 1.76	97.80	5.03	0.436 ± 0.019
11C2831	5.8 % ✓	0.0000176	0.0167136	0.0000000	0.0166742	0.2624128	70.92 ± 1.76	98.05	5.60	0.429 ± 0.018
11C2832	6.2 % ✓	0.0000102	0.0176346	0.0000009	0.0170054	0.2692528	71.35 ± 1.50	98.89	5.71	0.415 ± 0.017
11C2833	6.6 % ✓	0.0000188	0.0162425	0.0000124	0.0156691	0.2465969	70.93 ± 1.71	97.79	5.26	0.415 ± 0.017
11C2835	7.1 % ✓	0.0000116	0.0191831	0.0000051	0.0172985	0.2704396	70.46 ± 1.61	98.74	5.81	0.388 ± 0.016
11C2836	7.6 % ✓	0.0000045	0.0202802	0.0000166	0.0174948	0.2772604	71.41 ± 1.56	99.52	5.88	0.371 ± 0.015
11C2837	8.2 % ✓	0.0000252	0.0206125	0.0000148	0.0174523	0.2699470	69.73 ± 2.01	97.31	5.86	0.364 ± 0.016
11C2839	8.8 % ✓	0.0000243	0.0218530	0.0000208	0.0170742	0.2652155	70.02 ± 1.58	97.36	5.73	0.336 ± 0.014
11C2840	9.5 % ✓	0.0000262	0.0203243	0.0000000	0.0151085	0.2330308	69.54 ± 1.68	96.77	5.07	0.320 ± 0.013
11C2842	10.2 % ✓	0.0000100	0.0274272	0.0000000	0.0168664	0.2634003	70.39 ± 1.22	98.88	5.66	0.264 ± 0.011
11C2843	11.0 % ✓	0.0000067	0.0277882	0.0000000	0.0117532	0.1820361	69.82 ± 1.90	98.92	3.95	0.182 ± 0.007
11C2844	12.0 % ✓	0.0000110	0.0287058	0.0000000	0.0093451	0.1423897	68.71 ± 2.84	97.77	3.14	0.140 ± 0.006
11C2846	13.2 % ✓	0.0000074	0.0260312	0.0000000	0.0076666	0.1169810	68.81 ± 3.03	98.15	2.57	0.127 ± 0.005
11C2847	14.6 %	0.0000041	0.0328318	0.0000033	0.0060195	0.0897635	67.27 ± 4.67	98.65	2.02	0.079 ± 0.003
11C2848	16.4 %	0.0000048	0.0406017	0.0000035	0.0053132	0.0774663	65.80 ± 4.17	98.19	1.78	0.056 ± 0.002
11C2850	18.6 %	0.0000042	0.0673450	0.0000014	0.0050064	0.0728203	65.65 ± 4.33	98.33	1.68	0.032 ± 0.001
11C2851	22.6 %	0.0000033	0.1313552	0.0000000	0.0050581	0.0732905	65.40 ± 4.55	100.12	1.70	0.017 ± 0.001
11C2852	28.0 %	0.0000069	0.1458852	0.0000000	0.0036981	0.0503055	61.47 ± 6.13	96.10	1.24	0.011 ± 0.000
11C2854	35.0 %	0.0000046	0.1209565	0.0000000	0.0020434	0.0301236	66.52 ± 17.47	104.67	0.69	0.007 ± 0.000
Σ		0.0061373	0.8835243	0.0001455	0.2977478	4.6972415				

Information on Analysis

Sample = 330-U1374A-64R-2 112-117
 Material = Groundmass 213-300µm
 Location = Rigil Guyot, Site U1374
 Analyst = Susan Schnur
 Project = LOUISVILLE
 Mass Discrimination Law = LIN
 Irradiation = OSU3A11
 J = 0.00254780 ± 0.00000968
 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	15.64394 ± 0.09953 ± 0.64%	70.51 ± 0.69 ± 0.97%	0.62	85.42 19	0.237 ± 0.060
	Minimal External Error ± 1.31		1.67	2σ Confidence Limit	
	Analytical Error ± 0.44		1.0000	Error Magnification	
Total Fusion Age	15.77591 ± 0.11711 ± 0.74%	71.09 ± 0.74 ± 1.04%		30	0.145 ± 0.002
	Minimal External Error ± 1.35				
	Analytical Error ± 0.52				

Normal Isochron		39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
11C2815	2.0 %	0.25 ± 0.01	307.94 ± 3.45	0.2341
11C2816	2.4 %	0.74 ± 0.02	315.84 ± 3.96	0.4795
11C2817	2.7 %	2.69 ± 0.08	352.36 ± 9.87	0.8959
11C2819	3.1 %	11.52 ± 0.71	501.10 ± 30.60	0.9847
11C2820	3.5 %	48.13 ± 7.10	1111.64 ± 163.83	0.9971
11C2821	3.8 % ✓	130.72 ± 41.17	2388.13 ± 752.03	0.9998
11C2823	4.0 % ✓	251.97 ± 190.45	4334.64 ± 3276.21	0.9999
11C2824	4.2 % ✓	276.66 ± 227.34	4596.66 ± 3777.28	1.0000
11C2825	4.4 % ✓	288.88 ± 184.96	4803.46 ± 3075.51	1.0000
11C2827	4.7 % ✓	635.49 ± 904.19	10366.94 ± 14750.31	1.0000
11C2828	5.0 % ✓	776.01 ± 839.78	12462.63 ± 13486.90	1.0000
11C2829	5.4 % ✓	841.47 ± 945.28	13486.37 ± 15150.07	1.0000
11C2831	5.8 % ✓	947.22 ± 1199.56	15202.52 ± 19252.43	1.0000
11C2832	6.2 % ✓	1674.05 ± 3094.60	26801.46 ± 49544.22	1.0000
11C2833	6.6 % ✓	834.56 ± 895.52	13429.66 ± 14410.47	1.0000
11C2835	7.1 % ✓	1486.61 ± 2657.70	23536.66 ± 42078.03	1.0000
11C2836	7.6 % ✓	3909.62 ± 17718.61	62255.78 ± 282146.74	1.0000
11C2837	8.2 % ✓	691.45 ± 728.67	10990.59 ± 11582.14	1.0000
11C2839	8.8 % ✓	702.47 ± 587.82	11207.05 ± 9378.00	1.0000
11C2840	9.5 % ✓	576.01 ± 421.68	9179.81 ± 6720.33	1.0000
11C2842	10.2 % ✓	1681.82 ± 2564.21	26560.15 ± 40495.37	1.0000
11C2843	11.0 % ✓	1755.62 ± 4417.19	27486.77 ± 69157.54	1.0000
11C2844	12.0 % ✓	851.33 ± 1561.93	13267.06 ± 24341.07	1.0000
11C2846	13.2 % ✓	1033.48 ± 2470.57	16064.87 ± 38403.71	1.0000
11C2847	14.6 %	1455.07 ± 7528.61	21993.59 ± 113796.21	1.0000
11C2848	16.4 %	1102.18 ± 3840.46	16365.13 ± 57023.10	1.0000
11C2850	18.6 %	1204.33 ± 4761.74	17813.04 ± 70430.21	1.0000
11C2851	22.6 %	16007.87 ± 884291.90	231652.29 ± 12796716.87	1.0000
11C2852	28.0 %	536.56 ± 1317.51	7594.41 ± 18647.42	1.0000
11C2854	35.0 %	448.45 ± 2672.58	6315.52 ± 37638.06	1.0000

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	109.10 ± 104.65	15.81579 ± 0.12999	71.27 ± 0.78	2.65
No Convergence	± 95.92%	± 0.82%	± 1.10%	0%
			Minimal External Error ± 1.38	
			Analytical Error ± 0.57	
Statistics	2σ Confidence Limit	1.69	Convergence	0.000002822471
	Error Magnification	1.6267	Number of Iterations	500
	Number of Data Points	19	Calculated Line	Weighted York-2

Inverse Isochron		39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
11C2815	2.0 %	0.0008085 ± 0.0000337	0.00324736 ± 0.00003639	0.0279
11C2816	2.4 %	0.0023510 ± 0.0000514	0.00316615 ± 0.00003966	0.0273
11C2817	2.7 %	0.0076285 ± 0.0001028	0.00283801 ± 0.00007948	0.0652
11C2819	3.1 %	0.0229954 ± 0.0002478	0.00199560 ± 0.00012186	0.0070
11C2820	3.5 %	0.0432992 ± 0.0004826	0.00089958 ± 0.00013258	0.0270
11C2821	3.8 % ✓	0.0547377 ± 0.0003440	0.00041874 ± 0.00013186	0.0084
11C2823	4.0 % ✓	0.0581287 ± 0.0004792	0.00023070 ± 0.00017437	0.0021
11C2824	4.2 % ✓	0.0601880 ± 0.0004108	0.00021755 ± 0.00017877	0.0058
11C2825	4.4 % ✓	0.0601399 ± 0.0003302	0.00020818 ± 0.00013329	0.0035
11C2827	4.7 % ✓	0.0613000 ± 0.0004768	0.00009646 ± 0.00013725	0.0029
11C2828	5.0 % ✓	0.0622667 ± 0.0002876	0.00008024 ± 0.00008683	0.0029
11C2829	5.4 % ✓	0.0623944 ± 0.0002281	0.00007415 ± 0.00008330	0.0007
11C2831	5.8 % ✓	0.0623066 ± 0.0001898	0.00006578 ± 0.00008330	0.0006
11C2832	6.2 % ✓	0.0624613 ± 0.0003600	0.00003731 ± 0.00006897	0.0007
11C2833	6.6 % ✓	0.0621431 ± 0.0002695	0.00007446 ± 0.00007990	0.0004
11C2835	7.1 % ✓	0.0631613 ± 0.0003126	0.00004249 ± 0.00007596	0.0017
11C2836	7.6 % ✓	0.0627992 ± 0.0003377	0.00001606 ± 0.00007280	0.0002
11C2837	8.2 % ✓	0.0629127 ± 0.0002384	0.00009099 ± 0.00009588	0.0003
11C2839	8.8 % ✓	0.0626811 ± 0.0002360	0.00008923 ± 0.00007467	0.0020
11C2840	9.5 % ✓	0.0627476 ± 0.0002294	0.00010893 ± 0.00007975	0.0023
11C2842	10.2 % ✓	0.0633211 ± 0.0002766	0.00003765 ± 0.00005740	0.0009
11C2843	11.0 % ✓	0.0638713 ± 0.0002782	0.00003638 ± 0.00009154	0.0002
11C2844	12.0 % ✓	0.0641685 ± 0.0003612	0.00007537 ± 0.00013829	0.0006
11C2846	13.2 % ✓	0.0643316 ± 0.0002241	0.00006225 ± 0.00014881	0.0003
11C2847	14.6 %	0.0661587 ± 0.0004430	0.00004547 ± 0.000023525	0.0007
11C2848	16.4 %	0.0673491 ± 0.0005577	0.00006111 ± 0.000021292	0.0006
11C2850	18.6 %	0.0676093 ± 0.0005567	0.00005614 ± 0.000022196	0.0001
11C2851	22.6 %	0.0691030 ± 0.0005873	0.00000432 ± 0.000023847	0.0000
11C2852	28.0 %	0.0706515 ± 0.0013986	0.00013168 ± 0.000032332	0.0003
11C2854	35.0 %	0.0710072 ± 0.0017463	0.00015834 ± 0.00094364	0.0017

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	379.39 ± 121.74 ± 32.09%	15.54230 ± 0.18488 ± 1.19%	70.06 ± 0.97 ± 1.38%	0.47 97%
		Minimal External Error ± 1.48		
		Analytical Error ± 0.82		
Statistics	2σ Confidence Limit Error Magnification Number of Data Points Spreading Factor	1.69 1.0000 19 14.9%	Convergence Number of Iterations Calculated Line	0.000000237 4 Weighted York-2

OSU Argon Geochronology Laboratory
Oregon State University, Corvallis, USA

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
11C2815	2.0 %	0.0024088	0.530	0.0005806	13.927	0.0004639	1.650	0.0006001	2.077	0.7417382	0.181	49.97368 ± 13.52107	216.21 ± 55.13	4.04	0.20	0.444 ± 0.125
11C2816	2.4 %	0.0019918	0.611	0.0014044	7.228	0.0003952	2.180	0.0014797	1.083	0.6289788	0.137	27.39369 ± 5.03714	121.71 ± 21.64	6.44	0.50	0.453 ± 0.066
11C2817	2.7 %	0.0007877	1.377	0.0021544	4.434	0.0001837	4.045	0.0021173	0.626	0.2773595	0.248	21.15337 ± 3.11043	94.70 ± 13.57	16.14	0.71	0.422 ± 0.038
11C2819	3.1 %	0.0003838	3.043	0.0040675	3.073	0.0001197	7.582	0.0044130	0.528	0.1917934	0.108	17.84271 ± 1.57903	80.20 ± 6.94	41.03	1.48	0.466 ± 0.029
11C2820	3.5 %	0.0001610	7.283	0.0064653	2.323	0.0001374	7.270	0.0076723	0.446	0.1771001	0.333	16.95586 ± 0.92933	76.30 ± 4.09	73.41	2.58	0.510 ± 0.024
11C2821	3.8 %	✓ 0.0000732	15.311	0.0076120	2.409	0.0001160	5.797	0.0093090	0.239	0.1699823	0.204	16.00841 ± 0.71976	72.12 ± 3.18	87.62	3.12	0.526 ± 0.025
11C2823	4.0 %	✓ 0.0000336	35.798	0.0066890	2.347	0.0001152	5.780	0.0080162	0.370	0.1378345	0.181	16.03044 ± 0.89648	72.22 ± 3.96	93.18	2.69	0.515 ± 0.024
11C2824	4.2 %	✓ 0.0000312	38.647	0.0070026	2.430	0.0001014	8.156	0.0081134	0.188	0.1347312	0.285	15.54653 ± 0.88469	70.08 ± 3.91	93.57	2.72	0.498 ± 0.024
11C2825	4.4 %	✓ 0.0000371	30.031	0.0086863	2.258	0.0001060	10.035	0.0100473	0.211	0.1669781	0.175	15.60498 ± 0.66082	70.34 ± 2.92	93.84	3.37	0.497 ± 0.023
11C2827	4.7 %	✓ 0.0000187	61.714	0.0093918	2.277	0.0001063	6.077	0.0103224	0.267	0.1682995	0.282	15.84821 ± 0.67334	71.41 ± 2.97	97.14	3.46	0.472 ± 0.022
11C2828	5.0 %	✓ 0.0000217	45.578	0.0129429	2.103	0.0001689	5.274	0.0141790	0.129	0.2275887	0.191	15.67916 ± 0.41861	70.67 ± 1.85	97.62	4.76	0.471 ± 0.020
11C2829	5.4 %	✓ 0.0000217	46.080	0.0147557	2.174	0.0001674	4.922	0.0149862	0.160	0.2400404	0.087	15.67591 ± 0.39867	70.65 ± 1.76	97.80	5.03	0.436 ± 0.019
11C2831	5.8 %	✓ 0.0000220	50.628	0.0167136	2.073	0.0001874	5.152	0.0166854	0.133	0.2676314	0.073	15.73769 ± 0.39800	70.92 ± 1.76	98.05	5.60	0.429 ± 0.018
11C2832	6.2 %	✓ 0.0000148	63.377	0.0176346	2.030	0.0001988	5.651	0.0170172	0.253	0.2722717	0.138	15.83340 ± 0.33889	71.35 ± 1.50	98.89	5.71	0.415 ± 0.017
11C2833	6.6 %	✓ 0.0000231	43.670	0.0162425	2.045	0.0001964	3.183	0.0156800	0.206	0.2521608	0.067	15.73780 ± 0.38604	70.93 ± 1.71	97.79	5.26	0.415 ± 0.017
11C2835	7.1 %	✓ 0.0000167	62.275	0.0191831	2.052	0.0002068	3.613	0.0173114	0.152	0.2738956	0.195	15.63371 ± 0.36382	70.46 ± 1.61	98.74	5.81	0.388 ± 0.016
11C2836	7.6 %	✓ 0.0000098	103.127	0.0202802	2.056	0.0002194	4.530	0.0175084	0.247	0.2786004	0.106	15.84818 ± 0.35300	71.41 ± 1.56	99.52	5.88	0.371 ± 0.015
11C2837	8.2 %	✓ 0.0000307	43.340	0.0206125	2.149	0.0002210	4.378	0.0174662	0.181	0.2774232	0.055	15.46767 ± 0.45418	69.73 ± 2.01	97.31	5.86	0.364 ± 0.016
11C2839	8.8 %	✓ 0.0000301	33.807	0.0218530	2.152	0.0002227	4.512	0.0170889	0.139	0.2724151	0.127	15.53312 ± 0.35695	70.02 ± 1.58	97.36	5.73	0.336 ± 0.014
11C2840	9.5 %	✓ 0.0000316	30.385	0.0203243	2.095	0.0001719	4.400	0.0151221	0.134	0.2407969	0.124	15.42385 ± 0.37990	69.54 ± 1.68	96.77	5.07	0.320 ± 0.013
11C2842	10.2 %	✓ 0.0000173	44.262	0.0274272	2.023	0.0001919	4.204	0.0168849	0.180	0.2663808	0.123	15.61683 ± 0.27650	70.39 ± 1.22	98.88	5.66	0.264 ± 0.011
11C2843	11.0 %	✓ 0.0000140	60.016	0.0277882	2.029	0.0001376	5.044	0.0117719	0.202	0.1840263	0.079	15.48816 ± 0.42885	69.82 ± 1.90	98.92	3.95	0.182 ± 0.007
11C2844	12.0 %	✓ 0.0000186	54.263	0.0287058	2.013	0.0001123	8.115	0.0093644	0.251	0.1456429	0.127	15.23686 ± 0.64264	68.71 ± 2.84	97.77	3.14	0.140 ± 0.006
11C2846	13.2 %	✓ 0.0000143	62.039	0.0260312	2.037	0.0000887	12.000	0.0076841	0.152	0.1191809	0.084	15.25853 ± 0.68560	68.81 ± 3.03	98.15	2.57	0.127 ± 0.005
11C2847	14.6 %	0.0000128	83.567	0.0328318	2.035	0.0000771	13.028	0.0060416	0.230	0.0909920	0.243	14.91208 ± 1.05557	67.27 ± 4.67	98.65	2.02	0.079 ± 0.003
11C2848	16.4 %	0.0000155	54.027	0.0406017	2.005	0.0000705	10.939	0.0053405	0.360	0.0788961	0.201	14.57990 ± 0.94203	65.80 ± 4.17	98.19	1.78	0.056 ± 0.002
11C2850	18.6 %	0.0000219	37.428	0.0673450	2.009	0.0000685	18.381	0.0050517	0.394	0.0740538	0.104	14.54551 ± 0.97752	65.65 ± 4.33	98.33	1.68	0.032 ± 0.001
11C2851	22.6 %	0.0000344	25.318	0.1313552	2.011	0.0000742	11.193	0.0051465	0.390	0.0732023	0.147	14.48961 ± 1.02714	65.40 ± 4.55	100.12	1.70	0.017 ± 0.001
11C2852	28.0 %	0.0000454	18.559	0.1458852	1.993	0.0000576	15.368	0.0037962	0.945	0.0523459	0.189	13.60325 ± 1.37891	61.47 ± 6.13	96.10	1.24	0.011 ± 0.000
11C2854	35.0 %	0.0000274	49.541	0.1209565	2.026	0.0000310	23.123	0.0021248	0.904	0.0287792	0.788	14.74201 ± 3.94311	66.52 ± 17.47	104.67	0.69	0.007 ± 0.000
Σ		0.0063706	0.910	0.8835243	0.592	0.0047147	1.022	0.2983424	0.046	6.5111199	0.036					

Information on Analysis and Constants Used in Calculations

Sample = 330-U1374A-64R-2 112-117 CM
Material = Groundmass 213-300µm
Location = Rigil Guyot, Site U1374
Analyst = Susan Schnur
Project = LOUISVILLE
Mass Discrimination Law = LIN
Irradiation = OSU3A11
J = 0.00254780 ± 0.00000968
FCT-3 = 28.030 ± 0.003 Ma
IGSN = KOP000024
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 = 29°35.7'S - 173°22.8'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		15.64394 ± 0.09953 ± 0.64%	70.51 ± 0.69 ± 0.97%	0.62	85.42 19	0.237 ± 0.060
		Minimal External Error ± 1.31		1.67	2σ Confidence Limit	
		Analytical Error ± 0.44		1.0000	Error Magnification	
Total Fusion Age		15.77591 ± 0.11711 ± 0.74%	71.09 ± 0.74 ± 1.04%		30	0.145 ± 0.002
		Minimal External Error ± 1.35				
		Analytical Error ± 0.52				
Normal Isochron	109.10 ± 104.65 ± 95.92%	15.81579 ± 0.12999 ± 0.82%	71.27 ± 0.78 ± 1.10%	2.65	85.42 19	
No Convergence		Minimal External Error ± 1.38		1.69	2σ Confidence Limit	
		Analytical Error ± 0.57		1.6267	Error Magnification	
				500	Number of Iterations	
				0.0000028225	Convergence	
Inverse Isochron	379.39 ± 121.74 ± 32.09%	15.54230 ± 0.18488 ± 1.19%	70.06 ± 0.97 ± 1.38%	0.47	85.42 19	
		Minimal External Error ± 1.48		1.69	2σ Confidence Limit	

OSU Argon Geochronology Laboratory
Oregon State University, Corvallis, USA

Degassing Patterns		36Ar(a) [M]	%1σ	36Ar(c) [M]	%1σ	36Ar(ca) [M]	%1σ	36Ar(cl) [M]	%1σ	37Ar(ca) [M]	%1σ	38Ar(a) [M]	%1σ	38Ar(c) [M]	%1σ	38Ar(k) [M]	%1σ	38Ar(ca) [M]	%1σ	38Ar(cl) [M]	%1σ	39Ar(k) [M]	%1σ	39Ar(ca) [M]	%1σ	40Ar(r) [M]	%1σ	40Ar(a) [M]	%1σ	40Ar(c) [M]	%1σ	40Ar(k) [M]	%1σ
11C2815	2.0 %	0.0024087	0.53	0.0000000	0.00	0.0000002	13.93	0.0000000	117.74	0.0005806	13.93	0.0004502	0.53	0.0000000	0.00	0.0000068	2.08	0.0000001	13.93	0.0000068	117.86	0.0005997	2.08	0.0000004	13.93	0.0299689	13.37	0.7117687	0.53	0.0000000	0.00	0.0000006	2.08
11C2816	2.4 %	0.0019914	0.61	0.0000000	0.00	0.0000004	7.23	0.0000000	149.66	0.0014044	7.23	0.0003722	0.61	0.0000000	0.00	0.0000168	1.08	0.0000002	7.23	0.0000060	149.76	0.0014787	1.08	0.0000009	7.23	0.0405082	9.13	0.5884690	0.61	0.0000000	0.00	0.0000015	1.08
11C2817	2.7 %	0.0007871	1.38	0.0000000	0.00	0.0000006	4.43	0.0000000	63.13	0.0021544	4.43	0.0001471	1.38	0.0000000	0.00	0.0000241	0.63	0.0000003	4.43	0.0000123	63.36	0.0021158	0.63	0.0000014	4.43	0.0447570	7.33	0.2326004	1.38	0.0000000	0.00	0.0000021	0.63
11C2819	3.1 %	0.0003827	3.05	0.0000000	0.00	0.0000011	3.07	0.0000000	0.00	0.0040675	3.07	0.0000715	3.05	0.0000000	0.00	0.0000502	0.53	0.0000006	3.07	0.0000000	0.00	0.0044103	0.53	0.0000027	3.07	0.0786910	4.39	0.1130980	3.05	0.0000000	0.00	0.0000045	0.53
11C2820	3.5 %	0.0001593	7.36	0.0000000	0.00	0.0000017	2.32	0.0000000	52.79	0.0064653	2.32	0.0000298	7.36	0.0000000	0.00	0.0000873	0.45	0.0000009	2.32	0.0000195	53.07	0.0076680	0.45	0.0000044	2.32	0.1300168	2.70	0.0470755	7.36	0.0000000	0.00	0.0000077	0.45
11C2821	3.8 %	0.0000712	15.74	0.0000000	0.00	0.0000020	2.41	0.0000000	0.00	0.0076120	2.41	0.0000133	15.74	0.0000000	0.00	0.0001059	0.24	0.0000011	2.41	0.0000000	0.00	0.0093039	0.24	0.0000051	2.41	0.1489409	2.24	0.0210319	15.74	0.0000000	0.00	0.0000094	0.24
11C2823	4.0 %	0.0000318	37.79	0.0000000	0.00	0.0000018	2.35	0.0000000	41.36	0.0066890	2.35	0.0000059	37.79	0.0000000	0.00	0.0000912	0.37	0.0000009	2.35	0.0000172	41.71	0.0080117	0.37	0.0000045	2.35	0.1284305	2.77	0.0093959	37.79	0.0000000	0.00	0.0000081	0.37
11C2824	4.2 %	0.0000293	41.09	0.0000000	0.00	0.0000018	2.43	0.0000000	321.03	0.0070026	2.43	0.0000055	41.09	0.0000000	0.00	0.0000923	0.19	0.0000010	2.43	0.0000027	321.08	0.0081087	0.19	0.0000047	2.43	0.1260623	2.84	0.0086608	41.09	0.0000000	0.00	0.0000082	0.19
11C2825	4.4 %	0.0000348	32.01	0.0000000	0.00	0.0000023	2.26	0.0000000	0.00	0.0086863	2.26	0.0000065	32.01	0.0000000	0.00	0.0001143	0.21	0.0000012	2.26	0.0000000	0.00	0.0100414	0.21	0.0000058	2.26	0.1566964	2.11	0.0102716	32.01	0.0000000	0.00	0.0000101	0.21
11C2827	4.7 %	0.0000162	71.14	0.0000000	0.00	0.0000025	2.28	0.0000000	0.00	0.0093918	2.28	0.0000030	71.14	0.0000000	0.00	0.0001174	0.27	0.0000013	2.28	0.0000000	0.00	0.0103161	0.27	0.0000063	2.28	0.1634922	2.11	0.0047969	71.14	0.0000000	0.00	0.0000104	0.27
11C2828	5.0 %	0.0000183	54.11	0.0000000	0.00	0.0000034	2.10	0.0000000	381.19	0.0129429	2.10	0.0000034	54.11	0.0000000	0.00	0.0001613	0.13	0.0000018	2.10	0.0000024	381.22	0.0141703	0.13	0.0000087	2.10	0.2221784	1.33	0.0053960	54.11	0.0000000	0.00	0.0000143	0.13
11C2829	5.4 %	0.0000178	56.17	0.0000000	0.00	0.0000039	2.17	0.0000000	0.00	0.0147557	2.17	0.0000033	56.17	0.0000000	0.00	0.0001704	0.16	0.0000021	2.17	0.0000000	0.00	0.0149762	0.16	0.0000099	2.17	0.2347661	1.26	0.0052592	56.17	0.0000000	0.00	0.0000151	0.16
11C2831	5.8 %	0.0000176	63.32	0.0000000	0.00	0.0000044	2.07	0.0000000	0.00	0.0167136	2.07	0.0000033	63.32	0.0000000	0.00	0.0001898	0.13	0.0000023	2.07	0.0000000	0.00	0.0166742	0.13	0.0000112	2.07	0.2624128	1.26	0.0052018	63.32	0.0000000	0.00	0.0000168	0.13
11C2832	6.2 %	0.0000102	92.43	0.0000000	0.00	0.0000047	2.03	0.0000000	1222.82	0.0176346	2.03	0.0000019	92.43	0.0000000	0.00	0.0001935	0.25	0.0000025	2.03	0.0000009	1222.83	0.0170054	0.25	0.0000119	2.03	0.2692528	1.04	0.0030017	92.43	0.0000000	0.00	0.0000172	0.25
11C2833	6.6 %	0.0000188	53.65	0.0000000	0.00	0.0000043	2.04	0.0000000	53.16	0.0162425	2.04	0.0000035	53.65	0.0000000	0.00	0.0001783	0.21	0.0000023	2.04	0.0000124	53.43	0.0156691	0.21	0.0000109	2.04	0.2465969	1.21	0.0055481	53.65	0.0000000	0.00	0.0000158	0.21
11C2835	7.1 %	0.0000116	89.39	0.0000000	0.00	0.0000051	2.05	0.0000000	152.15	0.0191831	2.05	0.0000022	89.39	0.0000000	0.00	0.0001969	0.15	0.0000027	2.05	0.0000051	152.24	0.0172985	0.15	0.0000129	2.05	0.2704396	1.15	0.0034385	89.39	0.0000000	0.00	0.0000175	0.15
11C2836	7.6 %	0.0000045	226.60	0.0000000	0.00	0.0000054	2.06	0.0000000	61.16	0.0202802	2.06	0.0000008	226.60	0.0000000	0.00	0.0001991	0.25	0.0000028	2.06	0.0000166	61.39	0.0174948	0.25	0.0000136	2.06	0.2772604	1.09	0.0013223	226.60	0.0000000	0.00	0.0000177	0.25
11C2837	8.2 %	0.0000252	52.69	0.0000000	0.00	0.0000054	2.15	0.0000000	67.61	0.0206125	2.15	0.0000047	52.69	0.0000000	0.00	0.0001986	0.18	0.0000029	2.15	0.0000148	67.82	0.0174523	0.18	0.0000139	2.15	0.2699470	1.46	0.0074585	52.69	0.0000000	0.00	0.0000176	0.18
11C2839	8.8 %	0.0000243	41.84	0.0000000	0.00	0.0000058	2.15	0.0000000	49.50	0.0218530	2.15	0.0000045	41.84	0.0000000	0.00	0.0001943	0.14	0.0000030	2.15	0.0000208	49.79	0.0170742	0.14	0.0000147	2.15	0.2652155	1.14	0.0071824	41.84	0.0000000	0.00	0.0000172	0.14
11C2840	9.5 %	0.0000262	36.60	0.0000000	0.00	0.0000054	2.10	0.0000000	0.00	0.0203243	2.10	0.0000049	36.60	0.0000000	0.00	0.0001719	0.13	0.0000028	2.10	0.0000000	0.00	0.0151085	0.13	0.0000137	2.10	0.2330308	1.22	0.0077508	36.60	0.0000000	0.00	0.0000153	0.13
11C2842	10.2 %	0.0000100	76.23	0.0000000	0.00	0.0000072	2.02	0.0000000	0.00	0.0274272	2.02	0.0000019	76.23	0.0000000	0.00	0.0001919	0.18	0.0000038	2.02	0.0000000	0.00	0.0168664	0.18	0.0000185	2.02	0.2634003	0.87	0.0029635	76.23	0.0000000	0.00	0.0000170	0.18
11C2843	11.0 %	0.0000067	125.80	0.0000000	0.00	0.0000073	2.03	0.0000000	0.00	0.0277882	2.03	0.0000013	125.80	0.0000000	0.00	0.0001338	0.20	0.0000039	2.03	0.0000000	0.00	0.0117532	0.20	0.0000187	2.03	0.1820361	1.37	0.0019783	125.80	0.0000000	0.00	0.0000119	0.20
11C2844	12.0 %	0.0000110	91.73	0.0000000	0.00	0.0000076	2.01	0.0000000	0.00	0.0287058	2.01	0.0000021	91.73	0.0000000	0.00	0.0001063	0.25	0.0000040	2.01	0.0000000	0.00	0.0093451	0.25	0.0000193	2.01	0.1423897	2.09	0.0032437	91.73	0.0000000	0.00	0.0000094	0.25
11C2846	13.2 %	0.0000074	119.53	0.0000000	0.00	0.0000069	2.04	0.0000000	0.00	0.0260312	2.04	0.0000014	119.53	0.0000000	0.00	0.0000872	0.15	0.0000036	2.04	0.0000000	0.00	0.0076666	0.15	0.0000175	2.04	0.1169810	2.24	0.0021921	119.53	0.0000000	0.00	0.0000077	0.15
11C2847	14.6 %	0.0000041	258.70	0.0000000	0.00	0.0000087	2.04	0.0000000	313.42	0.0328318	2.04	0.0000008	258.70	0.0000000	0.00	0.0000685	0.23	0.0000046	2.04	0.0000033	313.47	0.0060195	0.23	0.0000221	2.04	0.0897635	3.53	0.0012225	258.70	0.0000000	0.00	0.0000061	0.23
11C2848	16.4 %	0.0000048	174.22	0.0000000	0.00	0.0000107	2.01	0.0000000	224.48	0.0406017	2.01	0.0000009	174.22	0.0000000	0.00	0.0000605	0.36	0.0000056	2.01	0.0000035	224.55	0.0053132	0.36	0.0000273	2.01	0.0774663	3.21	0.0014245	174.22	0.0000000	0.00	0.0000054	0.36
11C2850	18.6 %	0.0000042	197.69	0.0000000	0.00	0.0000178	2.01	0.0000000	938.75	0.0673450	2.01	0.0000008	197.69	0.0000000	0.00	0.0000570	0.40	0.0000094	2.01	0.0000014	938.77	0.0050064	0.40	0.0000453	2.01	0.0728203	3.34	0.0012284	197.69	0.0000000	0.00	0.0000051	0.40
11C2851	22.6 %	0.0000003	2762.05	0.0000000	0.00	0.0000347	2.01	0.0000000	0.00	0.1313552	2.01	0.0000001	2762.05	0.0000000	0.00	0.0000576	0.40	0.0000183	2.01	0.0000000	0.00	0.0050581	0.40	0.0000884	2.01	0.0732905	3.52	0.0000934	2762.05	0.0000000	0.00	0.0000051	0.40
11C2852	28.0 %	0.0000069	122.77	0.0000000	0.00	0.0000385	1.99	0.0000000	0.00	0.1458852	1.99	0.0000013	122.77	0.0000000	0.00	0.0000421	0.97	0.0000203	1.99	0.0000000	0.00	0.0036981	0.97	0.0000982	1.99	0.0503055	4.97	0.0020366	122.77	0.0000000	0.00	0.0000037	0.97
11C2854	35.0 %	0.0000046	297.98	0.0000000	0.00	0.0000319	2.03	0.0000000	0.00	0.1209565	2.03	0.0000009	297.98	0.0000000	0.00	0.0000233	0.94	0.0000168	2.03	0.0000000	0.00	0.0020434	0.94	0.0000814	2.03</								

Additional Parameters		40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
11C2815	2.0 %	1236.055692	25.770041	0.967547	0.136242	4.014178	0.086051	98.797	7.067840	1.00069883	1.483E-13
11C2816	2.4 %	425.075002	4.639486	0.949132	0.069371	1.346098	0.016737	98.813	7.069973	1.00069894	1.258E-13
11C2817	2.7 %	130.997984	0.882413	1.017525	0.045564	0.372040	0.005628	98.828	7.072107	1.00069904	5.547E-14
11C2819	3.1 %	43.461037	0.234052	0.921715	0.028741	0.086972	0.002686	98.858	7.076376	1.00069926	3.836E-14
11C2820	3.5 %	23.083018	0.128591	0.842680	0.019938	0.020987	0.001531	98.874	7.078512	1.00069937	3.542E-14
11C2821	3.8 % ✓	18.259908	0.057354	0.817705	0.019793	0.007862	0.001204	98.890	7.080746	1.00069948	3.400E-14
11C2823	4.0 % ✓	17.194563	0.070836	0.834444	0.019823	0.004187	0.001499	98.920	7.085020	1.00069970	2.757E-14
11C2824	4.2 % ✓	16.605976	0.056656	0.863085	0.021038	0.003840	0.001484	98.935	7.087159	1.00069980	2.695E-14
11C2825	4.4 % ✓	16.619231	0.045603	0.864540	0.019607	0.003688	0.001108	98.951	7.089298	1.00069991	3.340E-14
11C2827	4.7 % ✓	16.304224	0.063390	0.909846	0.020862	0.001813	0.001119	98.981	7.093480	1.00070012	3.366E-14
11C2828	5.0 % ✓	16.051100	0.037053	0.912823	0.019229	0.001529	0.000697	98.996	7.095621	1.00070023	4.552E-14
11C2829	5.4 % ✓	16.017465	0.029266	0.984623	0.021463	0.001448	0.000667	99.011	7.097763	1.00070034	4.801E-14
11C2831	5.8 % ✓	16.039847	0.024419	1.001688	0.020804	0.001319	0.000668	99.042	7.102048	1.00070055	5.353E-14
11C2832	6.2 % ✓	15.999763	0.046082	1.036279	0.021198	0.000871	0.000552	99.056	7.104094	1.00070066	5.445E-14
11C2833	6.6 % ✓	16.081671	0.034845	1.035875	0.021288	0.001471	0.000642	99.072	7.106336	1.00070077	5.043E-14
11C2835	7.1 % ✓	15.821686	0.039143	1.108122	0.022804	0.000965	0.000601	99.102	7.110528	1.00070098	5.478E-14
11C2836	7.6 % ✓	15.912354	0.042752	1.158308	0.023990	0.000562	0.000579	99.118	7.112772	1.00070109	5.572E-14
11C2837	8.2 % ✓	15.883421	0.030072	1.180134	0.025453	0.001757	0.000761	99.133	7.114821	1.00070120	5.548E-14
11C2839	8.8 % ✓	15.941061	0.029993	1.278784	0.027574	0.001760	0.000595	99.162	7.119019	1.00070141	5.448E-14
11C2840	9.5 % ✓	15.923459	0.029085	1.344010	0.028220	0.002089	0.000635	99.178	7.121265	1.00070152	4.816E-14
11C2842	10.2 % ✓	15.776274	0.034427	1.624363	0.032988	0.001023	0.000453	99.806	7.210117	1.00070595	5.328E-14
11C2843	11.0 % ✓	15.632614	0.033998	2.360542	0.048126	0.001192	0.000715	99.821	7.212195	1.00070605	3.681E-14
11C2844	12.0 % ✓	15.552828	0.043692	3.065415	0.062186	0.001981	0.001075	99.837	7.214470	1.00070617	2.913E-14
11C2846	13.2 % ✓	15.510024	0.026963	3.387668	0.069215	0.001860	0.001154	99.867	7.218727	1.00070638	2.384E-14
11C2847	14.6 %	15.060892	0.050318	5.434284	0.111298	0.002119	0.001771	99.881	7.220806	1.00070648	1.820E-14
11C2848	16.4 %	14.773042	0.060907	7.602530	0.154889	0.002910	0.001572	99.897	7.223085	1.00070659	1.578E-14
11C2850	18.6 %	14.659174	0.059783	13.331139	0.272876	0.004342	0.001625	99.927	7.227346	1.00070681	1.481E-14
11C2851	22.6 %	14.223568	0.059324	25.522974	0.522947	0.006677	0.001691	99.942	7.229528	1.00070691	1.464E-14
11C2852	28.0 %	13.788904	0.132894	38.428938	0.847478	0.011961	0.002223	99.958	7.231710	1.00070702	1.047E-14
11C2854	35.0 %	13.544501	0.162474	56.926480	1.263122	0.012884	0.006384	99.987	7.235976	1.00070723	5.756E-15

Procedure Blanks		36Ar [M]	1σ	37Ar [M]	1σ	38Ar [M]	1σ	39Ar [M]	1σ	40Ar [M]	1σ
11C2815	2	0.0003066	0.0000090	0.0000133	0.0000106	0.0000017	0.0000044	0.0000238	0.0000107	0.0007887	0.0000152
11C2816	2.4	0.0003087	0.0000090	0.0000166	0.0000106	0.0000014	0.0000044	0.0000268	0.0000107	0.0008378	0.0000152
11C2817	2.7	0.0003092	0.0000090	0.0000191	0.0000106	0.0000015	0.0000044	0.0000290	0.0000107	0.0008693	0.0000152
11C2819	3.1	0.0003067	0.0000090	0.0000224	0.0000106	0.0000025	0.0000044	0.0000323	0.0000107	0.0008919	0.0000152
11C2820	3.5	0.0003046	0.0000090	0.0000233	0.0000106	0.0000033	0.0000044	0.0000335	0.0000107	0.0008885	0.0000152
11C2821	3.8	0.0003021	0.0000090	0.0000238	0.0000106	0.0000042	0.0000044	0.0000346	0.0000107	0.0008779	0.0000152
11C2823	4	0.0002977	0.0000090	0.0000238	0.0000106	0.0000056	0.0000044	0.0000364	0.0000107	0.0008459	0.0000152
11C2824	4.2	0.0002960	0.0000090	0.0000234	0.0000106	0.0000061	0.0000044	0.0000374	0.0000107	0.0008276	0.0000152
11C2825	4.4	0.0002948	0.0000090	0.0000228	0.0000106	0.0000065	0.0000044	0.0000384	0.0000107	0.0008096	0.0000152
11C2827	4.7	0.0002941	0.0000090	0.0000214	0.0000106	0.0000065	0.0000044	0.0000406	0.0000107	0.0007790	0.0000152
11C2828	5	0.0002946	0.0000090	0.0000206	0.0000106	0.0000062	0.0000044	0.0000419	0.0000107	0.0007670	0.0000152
11C2829	5.4	0.0002956	0.0000090	0.0000199	0.0000106	0.0000056	0.0000044	0.0000433	0.0000107	0.0007580	0.0000152
11C2831	5.8	0.0002986	0.0000090	0.0000187	0.0000106	0.0000041	0.0000044	0.0000462	0.0000107	0.0007489	0.0000152
11C2832	6.2	0.0003001	0.0000090	0.0000184	0.0000106	0.0000032	0.0000044	0.0000476	0.0000107	0.0007481	0.0000152
11C2833	6.6	0.0003016	0.0000090	0.0000183	0.0000106	0.0000022	0.0000044	0.0000491	0.0000107	0.0007489	0.0000152
11C2835	7.1	0.0003024	0.0000090	0.0000190	0.0000106	0.0000005	0.0000044	0.0000511	0.0000107	0.0007512	0.0000152
11C2836	7.6	0.0003010	0.0000090	0.0000199	0.0000106	0.0000005	0.0000044	0.0000517	0.0000107	0.0007500	0.0000152
11C2837	8.2	0.0002982	0.0000090	0.0000211	0.0000106	0.0000005	0.0000044	0.0000518	0.0000107	0.0007453	0.0000152
11C2839	8.8	0.0002856	0.0000090	0.0000251	0.0000106	0.0000009	0.0000044	0.0000500	0.0000107	0.0007173	0.0000152
11C2840	9.5	0.0002741	0.0000090	0.0000280	0.0000106	0.0000026	0.0000044	0.0000478	0.0000107	0.0006872	0.0000152
11C2842	10.2	0.0003023	0.0000070	0.0000127	0.0000098	0.0000060	0.0000061	0.0000169	0.0000074	0.0005161	0.0000312
11C2843	11	0.0003022	0.0000070	0.0000150	0.0000098	0.0000061	0.0000061	0.0000200	0.0000074	0.0005370	0.0000312
11C2844	12	0.0003023	0.0000070	0.0000173	0.0000098	0.0000062	0.0000061	0.0000230	0.0000074	0.0005578	0.0000312
11C2846	13.2	0.0003029	0.0000070	0.0000216	0.0000098	0.0000061	0.0000061	0.0000272	0.0000074	0.0005909	0.0000312
11C2847	14.6	0.0003034	0.0000070	0.0000236	0.0000098	0.0000059	0.0000061	0.0000286	0.0000074	0.0006042	0.0000312
11C2848	16.4	0.0003041	0.0000070	0.0000257	0.0000098	0.0000056	0.0000061	0.0000297	0.0000074	0.0006167	0.0000312
11C2850	18.6	0.0003058	0.0000070	0.0000295	0.0000098	0.0000047	0.0000061	0.0000303	0.0000074	0.0006342	0.0000312
11C2851	22.6	0.0003069	0.0000070	0.0000314	0.0000098	0.0000041	0.0000061	0.0000299	0.0000074	0.0006402	0.0000312
11C2852	28	0.0003081	0.0000070	0.0000332	0.0000098	0.0000034	0.0000061	0.0000291	0.0000074	0.0006442	0.0000312
11C2854	35	0.0003086	0.0000122	0.0000364	0.0000152	0.0000013	0.0000063	0.0000281	0.0000107	0.0006532	0.0000156

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Intercept Values		36Ar [M]	1σ	r2		37Ar [M]	1σ	r2		38Ar [M]	1σ	r2		39Ar [M]	1σ	r2		40Ar [M]	1σ	r2	
11C2815	2	0.0027395	0.0000081	0.9824	LIN #	0.0000957	0.0000046	0.9791	LIN #	0.0004650	0.0000063	0.5635	LIN #	0.0006184	0.0000064	0.9999	EXP #	0.7316978	0.0013197	0.9923	EXP # 1
11C2816	2.4	0.0023203	0.0000075	0.9833	LIN #	0.0002161	0.0000092	0.9224	LIN #	0.0003961	0.0000074	0.4749	LIN #	0.0014937	0.0000118	0.9996	EXP #	0.6208147	0.0008475	0.9964	EXP # 1
11C2817	2.7	0.0011020	0.0000062	0.9200	LIN #	0.0003251	0.0000063	0.5318	LIN #	0.0001850	0.0000060	0.1653	LIN #	0.0021282	0.0000077	0.9992	EXP #	0.2742522	0.0006780	0.9868	EXP # 1
11C2819	3.1	0.0006909	0.0000077	0.4900	LIN #	0.0006001	0.0000089	0.4625	LIN #	0.0001221	0.0000080	0.3329	LIN #	0.0044083	0.0000204	0.9682	LIN #	0.1899501	0.0002028	0.9957	EXP # 1
11C2820	3.5	0.0004631	0.0000078	0.2217	LIN #	0.0009412	0.0000047	0.9813	LIN # 3 7 8	0.0001405	0.0000090	0.0630	LIN #	0.0076396	0.0000320	0.0943	LIN #	0.1754100	0.0005813	0.9687	LIN # 1
11C2821	3.8	0.0003718	0.0000070	0.3728	LIN #	0.0011044	0.0000109	0.8734	LIN #	0.0001199	0.0000051	0.1961	LIN #	0.0092642	0.0000188	0.9493	EXP # 5	0.1684015	0.0003419	0.9880	EXP # 1
11C2823	4	0.0003273	0.0000083	0.4713	LIN #	0.0009726	0.0000063	0.9223	LIN #	0.0001206	0.0000050	0.5281	LIN #	0.0079833	0.0000271	0.8455	LIN # 3	0.1366713	0.0002459	0.9889	EXP # 1 2 6
11C2824	4.2	0.0003232	0.0000083	0.1124	LIN # 1	0.0010164	0.0000097	0.8941	LIN #	0.0001073	0.0000070	0.2248	LIN # 8	0.0080807	0.0000100	0.9867	LIN # 3 4	0.1335950	0.0003779	0.9653	EXP # 1 2
11C2825	4.4	0.0003280	0.0000069	0.3201	LIN #	0.0012542	0.0000089	0.9077	LIN #	0.0001122	0.0000097	0.4705	LIN #	0.0099980	0.0000175	0.9361	EXP # 6	0.1653406	0.0002882	0.9880	EXP # 1
11C2827	4.7	0.0003088	0.0000076	0.3546	LIN #	0.0013522	0.0000112	0.9033	LIN #	0.0001125	0.0000048	0.6644	LIN # 1 8	0.0102740	0.0000247	0.9260	LIN # 1	0.1666290	0.0004678	0.9825	EXP # 1 2 9
11C2828	5	0.0003123	0.0000045	0.8054	LIN #	0.0018539	0.0000089	0.9698	LIN #	0.0001747	0.0000078	0.2862	LIN #	0.0140974	0.0000130	0.9928	EXP #	0.2250254	0.0004288	0.9888	EXP # 1
11C2829	5.4	0.0003133	0.0000048	0.7707	LIN #	0.0021096	0.0000164	0.9057	LIN #	0.0001727	0.0000070	0.4650	LIN #	0.0149004	0.0000200	0.9860	EXP # 6	0.2373099	0.0002064	0.9976	EXP # 1
11C2831	5.8	0.0003165	0.0000069	0.6161	LIN #	0.0023841	0.0000115	0.9701	LIN #	0.0001911	0.0000086	0.3406	LIN #	0.0165863	0.0000175	0.9921	EXP #	0.2644662	0.0001929	0.9985	EXP # 1
11C2832	6.2	0.0003108	0.0000033	0.9294	LIN #	0.0025134	0.0000071	0.9865	LIN #	0.0002017	0.0000103	0.2640	LIN #	0.0169166	0.0000405	0.9550	LIN #	0.2690380	0.0003695	0.9947	EXP # 1
11C2833	6.6	0.0003206	0.0000050	0.5768	LIN #	0.0023159	0.0000076	0.9828	LIN #	0.0001984	0.0000045	0.1587	LIN #	0.0155940	0.0000292	0.9676	LIN # 1	0.2492458	0.0001669	0.9984	EXP # 1 9
11C2835	7.1	0.0003149	0.0000056	0.7728	LIN #	0.0027307	0.0000120	0.9758	LIN #	0.0002070	0.0000061	0.3094	LIN #	0.0172117	0.0000223	0.9904	EXP # 1	0.2706413	0.0005257	0.9897	EXP # 1
11C2836	7.6	0.0003066	0.0000051	0.8892	LIN # 1 5	0.0028858	0.0000136	0.9775	EXP # 1	0.0002196	0.0000089	0.0012	LIN #	0.0174076	0.0000406	0.9692	LIN # 1	0.2752763	0.0002912	0.9959	EXP # 1 9
11C2837	8.2	0.0003249	0.0000101	0.2829	LIN #	0.0029334	0.0000229	0.9443	LIN # 1	0.0002213	0.0000086	0.0779	LIN #	0.0173675	0.0000282	0.9712	LIN #	0.2741387	0.0001502	0.9989	EXP # 1 8
11C2839	8.8	0.0003119	0.0000052	0.5623	LIN # 7	0.0031108	0.0000247	0.9307	LIN #	0.0002233	0.0000090	0.2080	LIN # 7	0.0169917	0.0000193	0.9953	LIN # 4 5 7	0.2691755	0.0003398	0.9957	EXP # 1 7
11C2840	9.5	0.0003022	0.0000039	0.9074	LIN #	0.0028969	0.0000178	0.9590	LIN # 1	0.0001742	0.0000062	0.5168	LIN #	0.0150396	0.0000153	0.9888	EXP #	0.2379857	0.0002942	0.9937	EXP #
11C2842	10.2	0.0003155	0.0000036	0.7795	LIN #	0.0038391	0.0000123	0.9932	LIN # 1 2	0.0001976	0.0000053	0.2889	LIN #	0.0167666	0.0000281	0.9862	EXP # 5	0.2631860	0.0003216	0.9968	EXP # 1 7
11C2843	11	0.0003122	0.0000050	0.5738	LIN # 1 2	0.0038906	0.0000138	0.9890	LIN # 1	0.0001435	0.0000034	0.7089	LIN # 5 6 7	0.0116976	0.0000217	0.9882	LIN # 1 2	0.1819971	0.0001409	0.9983	EXP # 1
11C2844	12	0.0003169	0.0000075	0.0721	LIN #	0.0040200	0.0000104	0.9905	EXP #	0.0001184	0.0000068	0.1370	LIN #	0.0093132	0.0000216	0.9575	LIN # 1	0.1441822	0.0001796	0.9948	LIN # 1
11C2846	13.2	0.0003132	0.0000058	0.0007	LIN # 1	0.0036495	0.0000141	0.9873	LIN #	0.0000946	0.0000088	0.0732	LIN #	0.0076510	0.0000082	0.9957	LIN # 4 5	0.1181297	0.0000941	0.9982	EXP # 1
11C2847	14.6	0.0003122	0.0000084	0.3043	LIN #	0.0045985	0.0000187	0.9860	LIN #	0.0000829	0.0000080	0.0000	LIN #	0.0060233	0.0000113	0.9793	EXP # 1	0.0903494	0.0002156	0.9840	LIN # 1 2
11C2848	16.4	0.0003157	0.0000050	0.1294	LIN #	0.0056815	0.0000139	0.9963	EXP # 3	0.0000760	0.0000048	0.0239	LIN #	0.0053287	0.0000174	0.9268	EXP #	0.0784305	0.0001537	0.9909	LIN # 1 2 3
11C2850	18.6	0.0003240	0.0000047	0.0082	LIN # 3	0.0094081	0.0000281	0.9922	EXP #	0.0000731	0.0000110	0.0615	LIN #	0.0050442	0.0000182	0.8600	LIN #	0.0736931	0.0000694	0.9958	EXP # 1 7
11C2851	22.6	0.0003376	0.0000055	0.3324	LIN #	0.0183153	0.0000601	0.9930	EXP # 6	0.0000782	0.0000057	0.0323	LIN #	0.0051370	0.0000184	0.7827	EXP # 1	0.0728445	0.0001018	0.9859	EXP # 1
11C2852	28	0.0003500	0.0000051	0.3392	LIN # 7 8 9	0.0203335	0.0000362	0.9980	EXP # 1	0.0000609	0.0000065	0.0027	LIN # 9	0.0037961	0.0000348	0.1836	LIN # 1 9	0.0522739	0.0000928	0.9449	EXP # 1 2
11C2854	35	0.0003321	0.0000066	0.0611	LIN #	0.0168544	0.0000670	0.9902	EXP # 1	0.0000322	0.0000036	0.5506	LIN #	0.0021359	0.0000158	0.3305	LIN # 1	0.0290288	0.0002231	0.0192	LIN # 1

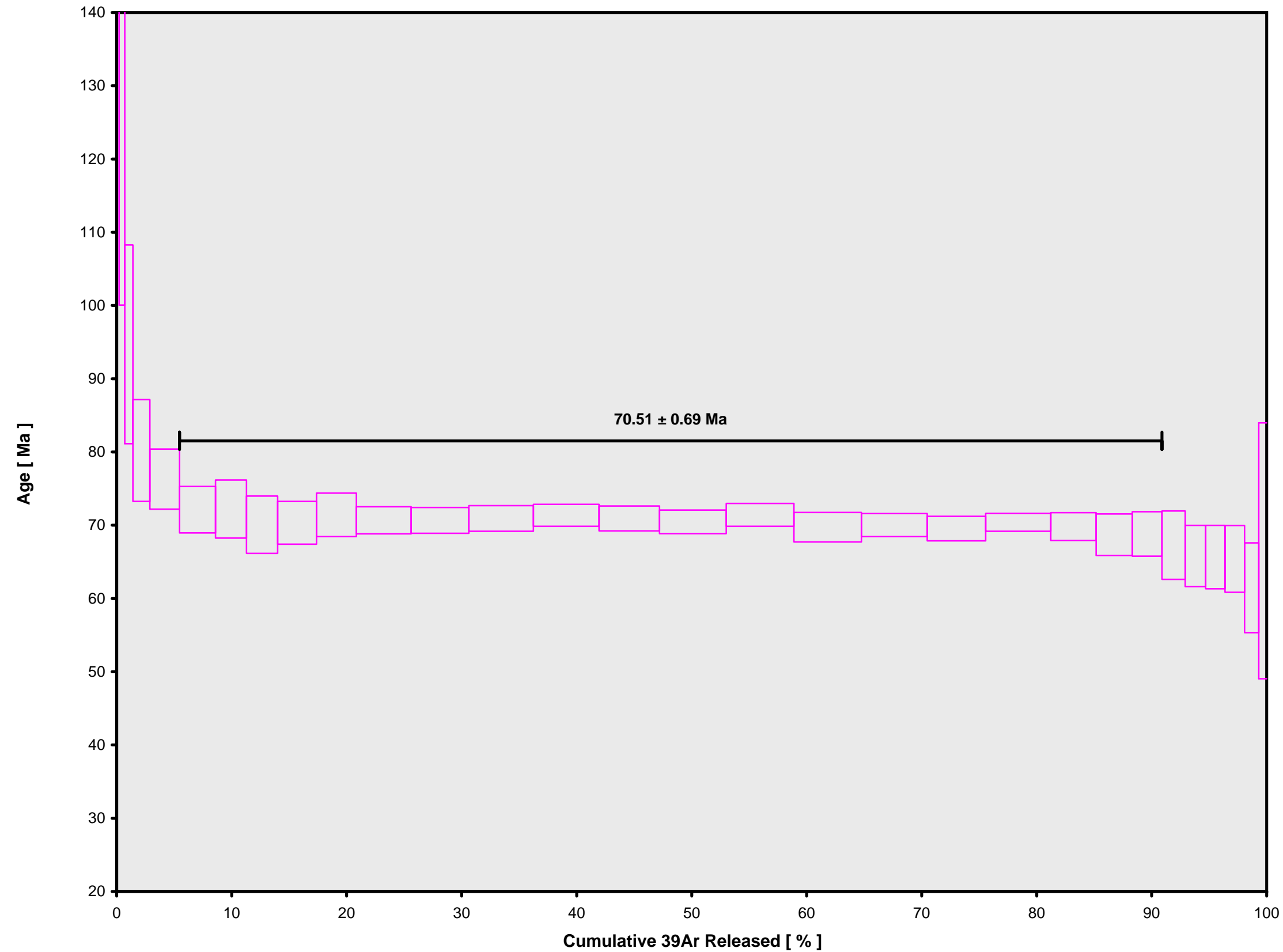
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Sample Parameters	Sample	Material	Location	Analyst	Temp	Standard (in Ma)	%1σ	J	%1σ	MDF	%1σ	Volume Ratio	Sensitivity (mol/volt)	Day	Month	Year	Hour	Min	Resist	Irradiation	Project	Experiment	Nmb	Standard Name	
11C2815	2	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	2	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0148	2E-13	3	NOV	2011	6	50	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2816	2.4	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	2.4	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0145	2E-13	3	NOV	2011	7	12	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2817	2.7	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	2.7	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0145	2E-13	3	NOV	2011	7	34	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2819	3.1	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	3.1	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0144	2E-13	3	NOV	2011	8	18	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2820	3.5	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	3.5	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0147	2E-13	3	NOV	2011	8	40	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2821	3.8	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	3.8	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0146	2E-13	3	NOV	2011	9	3	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2823	4	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	4	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0147	2E-13	3	NOV	2011	9	47	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2824	4.2	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	4.2	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0147	2E-13	3	NOV	2011	10	9	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2825	4.4	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	4.4	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0148	2E-13	3	NOV	2011	10	31	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2827	4.7	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	4.7	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0147	2E-13	3	NOV	2011	11	14	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2828	5	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	5	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0148	2E-13	3	NOV	2011	11	36	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2829	5.4	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	5.4	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0147	2E-13	3	NOV	2011	11	58	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2831	5.8	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	5.8	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0148	2E-13	3	NOV	2011	12	42	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2832	6.2	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	6.2	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0148	2E-13	3	NOV	2011	13	3	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2833	6.6	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	6.6	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0147	2E-13	3	NOV	2011	13	26	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2835	7.1	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	7.1	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0148	2E-13	3	NOV	2011	14	9	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2836	7.6	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	7.6	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0148	2E-13	3	NOV	2011	14	32	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2837	8.2	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	8.2	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0147	2E-13	3	NOV	2011	14	53	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2839	8.8	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	8.8	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0147	2E-13	3	NOV	2011	15	36	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2840	9.5	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	9.5	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0147	2E-13	3	NOV	2011	15	59	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2842	10.2	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	10.2	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0141	2E-13	4	NOV	2011	7	3	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2843	11	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	11	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0141	2E-13	4	NOV	2011	7	24	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2844	12	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	12	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.014	2E-13	4	NOV	2011	7	47	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2846	13.2	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	13.2	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0139	2E-13	4	NOV	2011	8	30	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2847	14.6	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	14.6	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0138	2E-13	4	NOV	2011	8	51	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2848	16.4	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	16.4	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0138	2E-13	4	NOV	2011	9	14	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2850	18.6	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	18.6	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0135	2E-13	4	NOV	2011	9	57	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2851	22.6	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	22.6	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0137	2E-13	4	NOV	2011	10	19	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2852	28	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	28	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0137	2E-13	4	NOV	2011	10	41	1	OSU3A11	Louisville	11C2815	01	FCT-3
11C2854	35	330-U1374A-64R-2 112-117 cm	Groundmass 213-300μm	Rigil Guyot, Site U1374	Susan Schnur	35	28.03	0.01	0.0025478	0.38	1.006707	0.05	1.0139	2E-13	4	NOV	2011	11	24	1	OSU3A11	Louisville	11C2815	01	FCT-3

OSU Argon Geochronology Laboratory
Oregon State University, Corvallis, USA

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		
		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ	
11C2815	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
11C2816	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
11C2817	2.7	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
11C2819	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
11C2820	3.5	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
11C2821	3.8	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
11C2823	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
11C2824	4.2	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
11C2825	4.4	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
11C2827	4.7	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
11C2828	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
11C2829	5.4	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
11C2831	5.8	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
11C2832	6.2	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
11C2833	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
11C2835	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
11C2836	7.6	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
11C2837	8.2	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
11C2839	8.8	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
11C2840	9.5	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
11C2842	10.2	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
11C2843	11	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
11C2844	12	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
11C2846	13.2	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
11C2847	14.6	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
11C2848	16.4	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
11C2850	18.6	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
11C2851	22.6	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
11C2852	28	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
11C2854	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

11C2815.AGE >>> 330-U1374A-64R-2 112-117 CM >>> LOUISVILLE PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

70.51 ± 0.69

TOTAL FUSION

71.09 ± 0.74

NORMAL ISOCHRON

71.27 ± 0.78

INVERSE ISOCHRON

70.06 ± 0.97

MSWD (PROBABILITY)

$0.62 (89\%)$

Sample Info

Groundmass 213-300 μm

Rigil Guyot, Site U1374

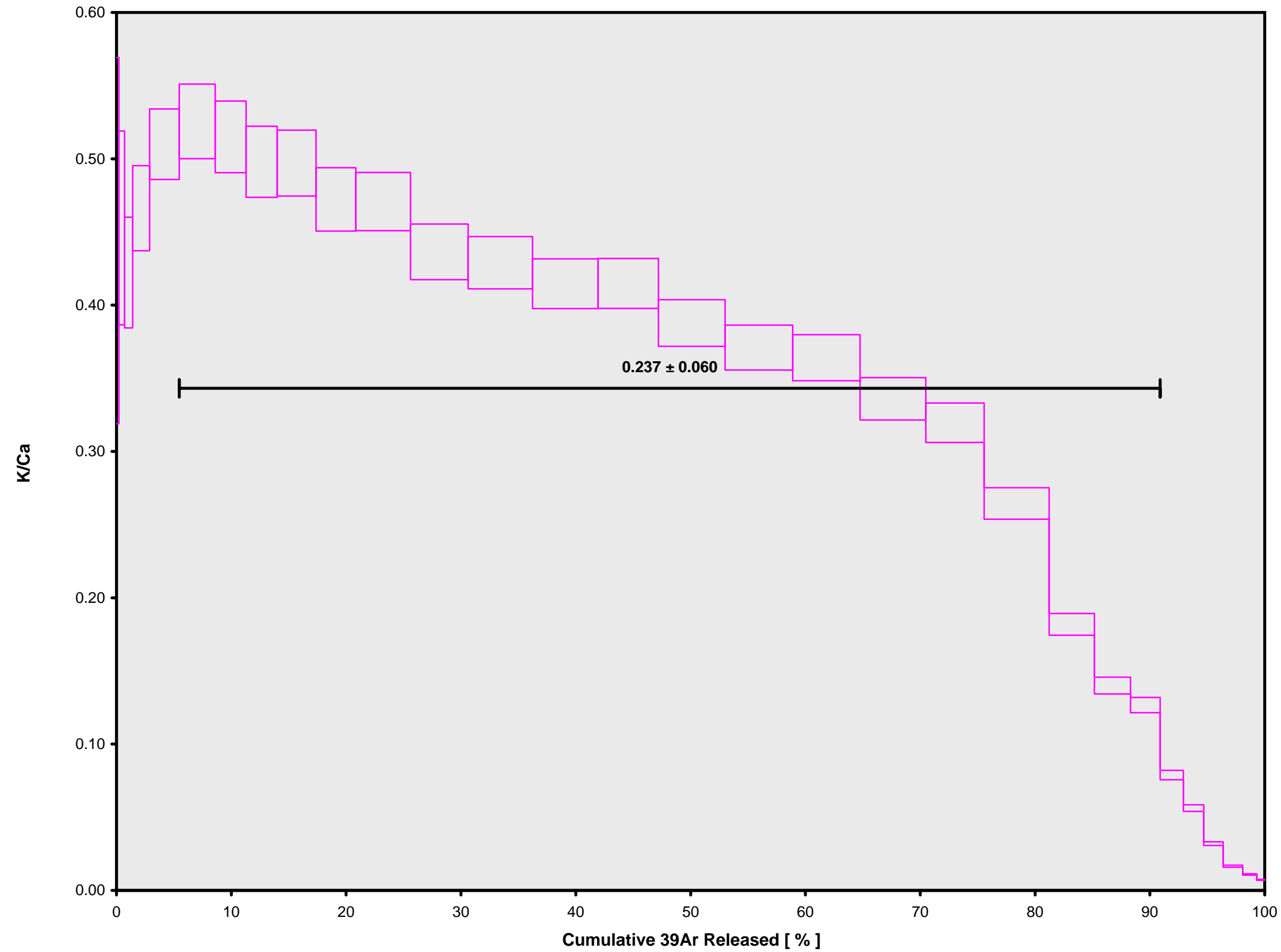
Susan Schnur

IRR = OSU3A11

J = $0.00254780 \pm 0.00000968$

RECALIBRATED AGE

11C2815.AGE >>> 330-U1374A-64R-2 112-117 CM >>> LOUISVILLE PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
 70.51 ± 0.69
TOTAL FUSION
 71.09 ± 0.74
NORMAL ISOCHRON
 71.27 ± 0.78
INVERSE ISOCHRON
 70.06 ± 0.97

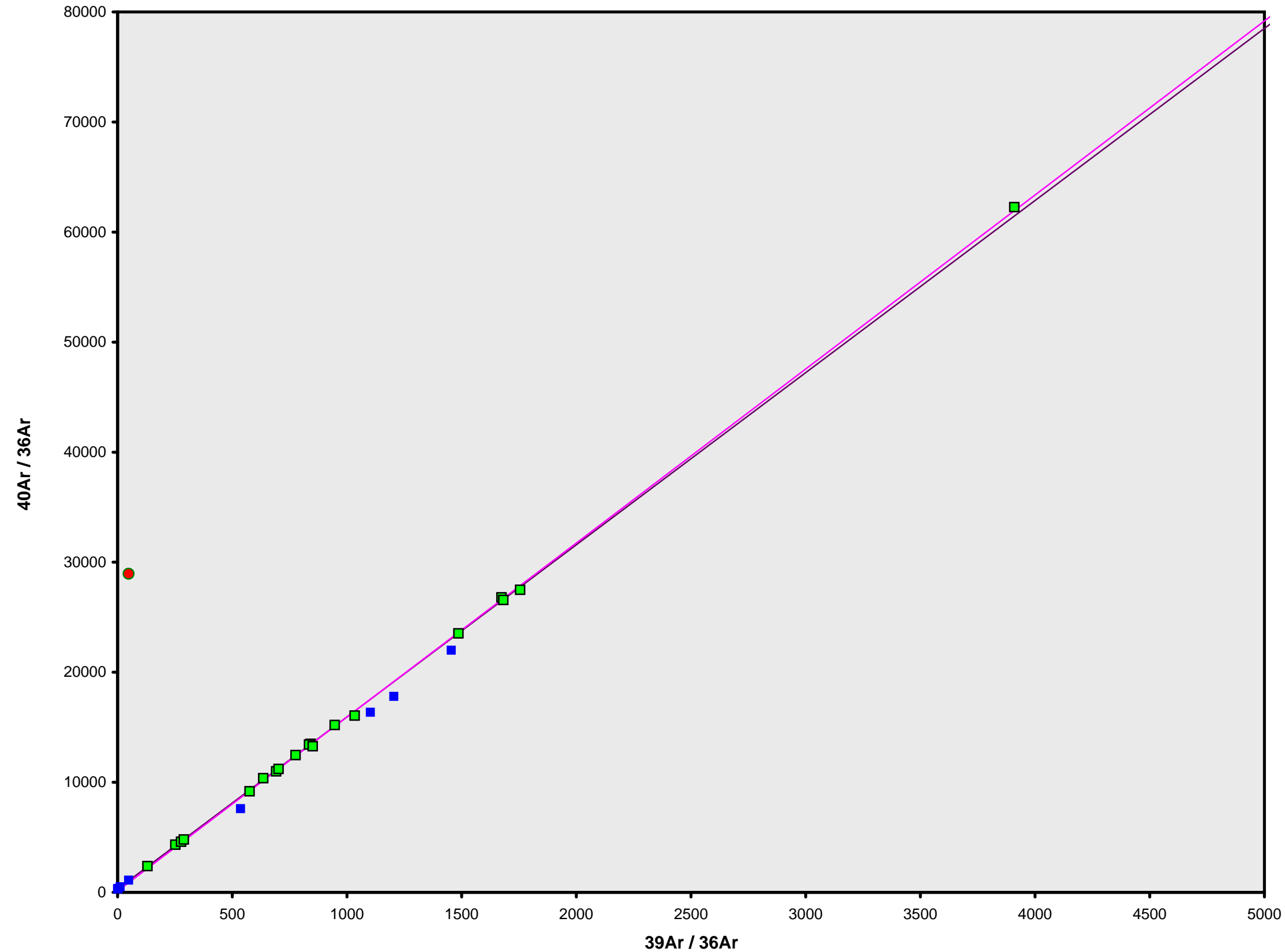
Sample Info

Groundmass 213-300 μ m
Rigil Guyot, Site U1374
Susan Schnur

IRR = OSU3A11
J = $0.00254780 \pm 0.00000968$

RECALIBRATED AGE

11C2815.AGE >>> 330-U1374A-64R-2 112-117 CM >>> LOUISVILLE PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
70.51 ± 0.69

TOTAL FUSION
71.09 ± 0.74

NORMAL ISOCHRON
71.27 ± 0.78

INVERSE ISOCHRON
70.06 ± 0.97

MSWD (PROBABILITY)
2.65 (0%)

40AR/36AR INTERCEPT
109.1 ± 104.7

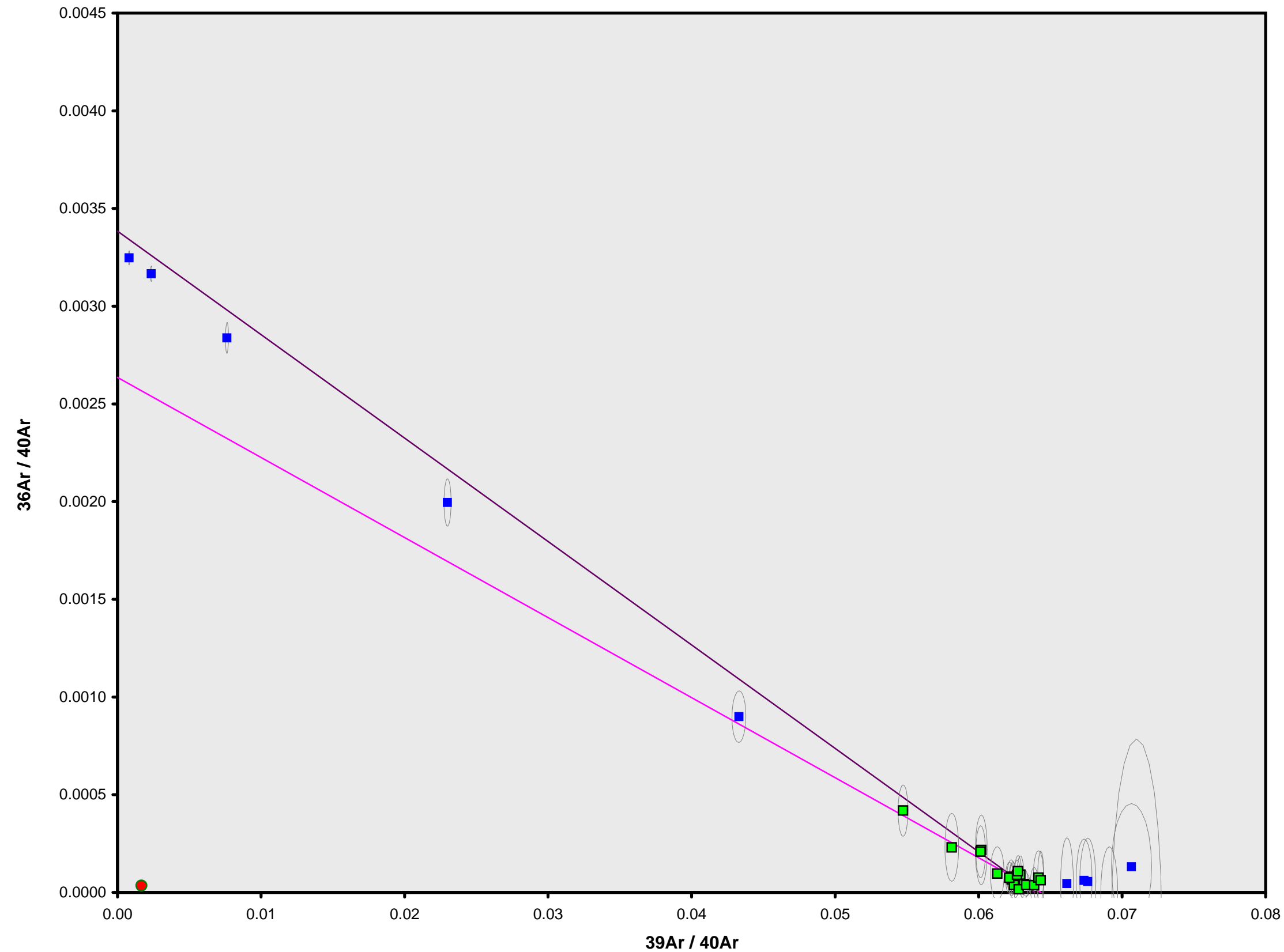
Sample Info

Groundmass 213-300µm
Rigil Guyot, Site U1374
Susan Schnur

IRR = OSU3A11
J = 0.00254780 ± 0.00000968

RECALIBRATED AGE

11C2815.AGE >>> 330-U1374A-64R-2 112-117 CM >>> LOUISVILLE PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
70.51 ± 0.69

TOTAL FUSION
71.09 ± 0.74

NORMAL ISOCHRON
71.27 ± 0.78

INVERSE ISOCHRON
70.06 ± 0.97

MSWD (PROBABILITY)
0.47 (97%)

SPREADING FACTOR
14.9%

40AR/36AR INTERCEPT
379.4 ± 121.7

Sample Info

Groundmass 213-300µm
Rigil Guyot, Site U1374
Susan Schnur

IRR = OSU3A11
J = 0.00254780 ± 0.00000968

RECALIBRATED AGE