Relative Abundances			36Ar [fA]	%1σ	37Ar [fA]	%1σ	38Ar [fA]	%1σ	39Ar [fA]	%1σ	40Ar [fA]	%1σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
14D27488	0.9 %		0.1894894	0.750	12.1743	26.124	0.0781398	48.892	0.88703	4.241	68.4161	0.074	15.22502 ± 1.71927	48.41 ± 5.39	19.56	0.55	0.0310 ± 0.0164
14D27489	1.4 %	✓	0.0431030	2.126	35.2812	8.202	0.0464185	85.456	2.22566	1.633	46.5292	0.108	16.60503 ± 0.63796	52.73 ± 2.00	78.58	1.38	0.0268 ± 0.0045
14D27490	1.8 %	✓	0.0410615	2.371	58.5087	4.959	0.0206640	190.799	3.10169	1.191	59.1217	0.085	16.84446 ± 0.47349	53.48 ± 1.48	87.24	1.91	0.0225 ± 0.0023
14D27492	2.0 %	✓	0.0281709	3.210	64.1701	4.736	0.0255733	159.009	2.95415	1.233	51.5982	0.096	16.59760 ± 0.48493	52.71 ± 1.52	93.63	1.82	0.0195 ± 0.0019
14D27493	2.4 %	✓	0.0368372	2.537	103.0429	3.099	0.0112404	335.461	4.63432	0.773	80.5892	0.063	17.04271 ± 0.31501	54.10 ± 0.99	96.53	2.85	0.0190 ± 0.0012
14D27494	2.8 %	✓	0.0426273	2.280	130.3332	2.322	0.0436532	89.779	6.00650	0.616	102.4948	0.051	16.91863 ± 0.24721	53.71 ± 0.77	97.69	3.70	0.0195 ± 0.0009
14D27496	3.2 %	✓	0.0509416	1.901	145.3290	2.227	0.0798536	47.212	7.05113	0.510	119.1510	0.045	16.61273 ± 0.20524	52.76 ± 0.64	96.94	4.34	0.0206 ± 0.0009
14D27497	3.6 %	✓	0.0567353	1.740	159.0514	1.946	0.1364917	27.716	7.46028	0.485	129.7794	0.042	17.06901 ± 0.19833	54.18 ± 0.62	96.71	4.59	0.0199 ± 0.0008
14D27498	4.0 %	✓	0.0603122	1.687	193.2921	1.690	0.1736276	22.184	9.37630	0.411	157.6173	0.033	16.76182 ± 0.16456	53.22 ± 0.51	98.32	5.77	0.0206 ± 0.0007
14D27500	4.5 %	✓	0.0678560	1.463	219.1123	1.468	0.1316629	29.603	10.67763	0.336	180.5688	0.032	16.87809 ± 0.13730	53.59 ± 0.43	98.42	6.58	0.0207 ± 0.0006
14D27501	5.1 %	✓	0.0520624	1.876	172.1860	1.947	0.1385093	27.774	8.09831	0.431	138.2312	0.039	17.08459 ± 0.17976	54.23 ± 0.56	98.65	4.99	0.0199 ± 0.0008
14D27502	5.8 %	✓	0.0964734	1.173	275.2703	1.270	0.1883598	21.481	13.31290	0.284	228.2673	0.025	16.86392 ± 0.11805	53.54 ± 0.37	96.98	8.20	0.0205 ± 0.0005
14D27504	6.7 %	✓	0.0841205	1.237	257.9959	1.349	0.2398596	16.322	12.96696	0.294	221.7562	0.026	16.97524 ± 0.12068	53.89 ± 0.38	97.93	7.99	0.0213 ± 0.0006
14D27505	7.7 %	✓	0.0985200	1.136	293.0378	1.210	0.2675512	15.155	14.78527	0.253	253.3032	0.023	16.94635 ± 0.10593	53.80 ± 0.33	97.59	9.11	0.0214 ± 0.0005
14D27506	8.9 %	✓	0.1047669	1.192	288.4336	1.176	0.2356549	17.145	15.38245	0.250	266.0206	0.023	16.96807 ± 0.10551	53.87 ± 0.33	96.87	9.49	0.0226 ± 0.0005
14D27508	10.1 %	✓	0.2166491	0.691	261.3881	1.297	0.2012558	19.059	14.40328	0.258	282.9036	0.021	16.82742 ± 0.11467	53.43 ± 0.36	84.62	8.89	0.0234 ± 0.0006
14D27509	11.3 %	✓	0.0824827	1.296	186.3203	1.764	0.1541779	25.835	9.83890	0.358	173.8285	0.032	16.89293 ± 0.14931	53.63 ± 0.47	94.39	6.07	0.0224 ± 0.0008
14D27510	12.5 %	✓	0.0611084	1.706	120.0483	2.621	0.1601749	25.321	6.74204	0.565	120.6281	0.043	16.81424 ± 0.22679	53.39 ± 0.71	92.85	4.16	0.0239 ± 0.0013
14D27512	13.7 %	✓	0.0212339	4.219	55.7398	5.568	0.0609878	65.015	2.76223	1.366	48.6011	0.105	17.14201 ± 0.54557	54.41 ± 1.71	96.10	1.70	0.0210 ± 0.0024
14D27513	15.1 %	✓	0.0224291	3.983	49.5840	6.013	0.0670703	57.341	2.22389	1.651	40.4162	0.123	17.20489 ± 0.66322	54.61 ± 2.07	93.24	1.37	0.0190 ± 0.0024
14D27514	16.5 %		0.0145959	5.929	35.8611	8.421	0.0772941	52.168	1.52384	2.311	27.5616	0.176	17.38478 ± 0.94345	55.17 ± 2.95	94.59	0.94	0.0180 ± 0.0031
14D27516	18.0 %		0.0140086	6.133	39.0351	7.930	0.0301294	137.201	1.39711	2.536	25.7585	0.191	18.00964 ± 1.06719	57.12 ± 3.33	95.84	0.86	0.0151 ± 0.0025
14D27517	19.5 %		0.0084215	9.600	18.5233	16.348	0.0613382	67.679	0.82327	4.317	14.6504	0.323	16.80094 ± 1.69810	53.35 ± 5.31	92.98	0.51	0.0188 ± 0.0064
14D27518	21.0 %		0.0134453	6.638	27.4254	11.231	0.0503778	73.553	1.14636	3.369	20.6308	0.240	16.68250 ± 1.31169	52.97 ± 4.10	91.20	0.70	0.0177 ± 0.0042
14D27520	22.5 %		0.0134810	6.273	24.4944	13.418	0.0273370	140.017	0.84802	4.050	16.7670	0.290	17.69044 ± 1.70498	56.13 ± 5.33	87.73	0.52	0.0146 ± 0.0041
14D27521	24.5 %		0.0199442	4.397	41.7721	7.368	0.0668509	58.714	1.68107	2.283	30.5367	0.170	16.89708 ± 0.89776	53.65 ± 2.81	91.46	1.03	0.0170 ± 0.0026
		Σ	1.5408774	0.337	3267.4107	0.498	2.7329259	7.334	162.31059	0.116	2905.7267	0.009					

Information on Analysis and Constants Used in Calculations

Project = **RURUTU (13-INT-08)**
Sample = **RR1310-D07-22B**
Material = **Plagioclase**
Location = **Rurutu Hotspot**
Region = **Tuvalu**
Analyst = **Kevin Konrad**
Irradiation = **14-OSU-02 (2A23-14)**
Position = **X: 0 | Y: 0 | Z/H: 27.3 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al. (2008)**
FCT-NM 40Ar/39Ar Ratio = **8.82003 ± 0.00838**
FCT-NM J-value = **0.00178201 ± 0.00000169**
Air Shot 40Ar/36Ar = **303.8760 ± 0.4315**
Air Shot MDF = **0.99310013 ± 0.00067254 (LIN)**
Experiment Type = **Incremental Heating**
Extraction Method = **Bulk Laser Heating**
Heating = **77 sec**
Isolation = **6.00 min**
Instrument = **ARGUS-VI-D**
Preferred Age = **Plateau Age**
Age Classification = **Eruption Age**
IGSN = **IEKK1-RR1310-D07-22BPL**
Rock Class = **Igneous>Volcanic**
Lithology = **Basalt**
Lat-Lon = **5°58.6'S - 176°53.9'E**

Age Equations = **Min et al. (2000)**
Negative Intensities = **Allowed**
Collector Calibrations = **40Ar 36Ar**
Decay 40K = **5.530 ± 0.048 E-10 1/a**
Decay 39Ar = **2.940 ± 0.016 E-07 1/h**
Decay 37Ar = **8.230 ± 0.012 E-04 1/h**
Decay 36Cl = **2.257 ± 0.015 E-06 1/a**
Decay 40K(EC,β⁺) = **0.580 ± 0.009 E-10 1/a**
Decay 40K(β⁻) = **4.950 ± 0.043 E-10 1/a**
Atmospheric 40/36(a) = **295.50**
Atmospheric 38/36(a) = **0.1869**
Production 39/37(ca) = **0.0006756 ± 0.0000089**
Production 38/37(ca) = **0.0000718 ± 0.0000092**
Production 36/37(ca) = **0.0002663 ± 0.0000004**
Production 40/39(k) = **0.003823 ± 0.000102**
Production 38/39(k) = **0.012031 ± 0.000019**
Production 36/38(cl) = **262.80 ± 1.71**
Scaling Ratio K/Ca = **0.430**
Abundance Ratio 40K/K = **1.1700 ± 0.0100 E-04**
Atomic Weight K = **39.0983 ± 0.0001 g**

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau		16.90480 ± 0.04918 (± 0.29%)	**53.67 ± 0.18 (± 0.34%)**	1.63	94.90	0.0213 ± 0.0006
		Full External Error ± 1.22		4%	19	
		Analytical Error ± 0.15		1.67	2σ Confidence Limit	
				1.2759	Error Magnification	
Total Fusion Age		16.90767 ± 0.04704 (± 0.28%)	**53.68 ± 0.18 (± 0.33%)**		26	0.0211 ± 0.0002
		Full External Error ± 1.22				
		Analytical Error ± 0.15				
Normal Isochron	**280.29 ± 16.89 (± 6.03%)**	16.95244 ± 0.06848 (± 0.40%)	**53.82 ± 0.24 (± 0.44%)**	1.74	94.90	
Error Chron		Full External Error ± 1.23		3%	19	
		Analytical Error ± 0.21		1.69	2σ Confidence Limit	
				1.3185	Error Magnification	
				1	Number of Iterations	
				0.0000615342	Convergence	
Inverse Isochron	**284.43 ± 15.90 (± 5.59%)**	16.93689 ± 0.06492 (± 0.38%)	**53.77 ± 0.23 (± 0.42%)**	1.54	94.90	
		Full External Error ± 1.23		7%	19	
		Analytical Error ± 0.20		1.69	2σ Confidence Limit	
				1.2426	Error Magnification	
				3	Number of Iterations	
				0.0000024518	Convergence	
				19%	Spreading Factor	

Notes
A long and clean plateau with an atmospheric intercept. As is often the case with this region the plagioclase is ~1Ma younger than the corresponding groundmass. See Konrad et al., 2017 for discussion.

Incremental Heating			36Ar(a) [fA]	37Ar(ca) [fA]	38Ar(cl) [fA]	39Ar(k) [fA]	40Ar(r) [fA]	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
14D27488	0.9 %		0.1862363	12.1743	0.0318852	0.87881	13.3799	48.41 ± 5.39	19.56	0.55	0.0310 ± 0.0164
14D27489	1.4 %	✓	0.0337037	35.2812	0.0110960	2.20182	36.5613	52.73 ± 2.00	78.58	1.38	0.0268 ± 0.0045
14D27490	1.8 %	✓	0.0254806	58.5087	0.0000000	3.06216	51.5805	53.48 ± 1.48	87.24	1.91	0.0225 ± 0.0023
14D27492	2.0 %	✓	0.0110824	64.1701	0.0000000	2.91080	48.3123	52.71 ± 1.52	93.63	1.82	0.0195 ± 0.0019
14D27493	2.4 %	✓	0.0093969	103.0429	0.0000000	4.56471	77.7950	54.10 ± 0.99	96.53	2.85	0.0190 ± 0.0012
14D27494	2.8 %	✓	0.0079196	130.3332	0.0000000	5.91844	100.1319	53.71 ± 0.77	97.69	3.70	0.0195 ± 0.0009
14D27496	3.2 %	✓	0.0122404	145.3290	0.0000000	6.95294	115.5074	52.76 ± 0.64	96.94	4.34	0.0206 ± 0.0009
14D27497	3.6 %	✓	0.0143681	159.0514	0.0339246	7.35283	125.5055	54.18 ± 0.62	96.71	4.59	0.0199 ± 0.0008
14D27498	4.0 %	✓	0.0088222	193.2921	0.0468652	9.24571	154.9750	53.22 ± 0.51	98.32	5.77	0.0206 ± 0.0007
14D27500	4.5 %	✓	0.0095064	219.1123	0.0000000	10.52959	177.7194	53.59 ± 0.43	98.42	6.58	0.0207 ± 0.0006
14D27501	5.1 %	✓	0.0061992	172.1860	0.0289566	7.98198	136.3688	54.23 ± 0.56	98.65	4.99	0.0199 ± 0.0008
14D27502	5.8 %	✓	0.0231667	275.2703	0.0063356	13.12692	221.3713	53.54 ± 0.37	96.98	8.20	0.0205 ± 0.0005
14D27504	6.7 %	✓	0.0153937	257.9959	0.0645499	12.79266	217.1585	53.89 ± 0.38	97.93	7.99	0.0213 ± 0.0006
14D27505	7.7 %	✓	0.0204607	293.0378	0.0671873	14.58729	247.2013	53.80 ± 0.33	97.59	9.11	0.0214 ± 0.0005
14D27506	8.9 %	✓	0.0279477	288.4336	0.0270001	15.18759	257.7040	53.87 ± 0.33	96.87	9.49	0.0226 ± 0.0005
14D27508	10.1 %	✓	0.1470414	261.3881	0.0000000	14.22669	239.3985	53.43 ± 0.36	84.62	8.89	0.0234 ± 0.0006
14D27509	11.3 %	✓	0.0328595	186.3203	0.0178013	9.71302	164.0814	53.63 ± 0.47	94.39	6.07	0.0224 ± 0.0008
14D27510	12.5 %	✓	0.0291166	120.0483	0.0659758	6.66094	111.9987	53.39 ± 0.71	92.85	4.16	0.0239 ± 0.0013
14D27512	13.7 %	✓	0.0063824	55.7398	0.0230135	2.72457	46.7047	54.41 ± 1.71	96.10	1.70	0.0210 ± 0.0024
14D27513	15.1 %	✓	0.0092126	49.5840	0.0354357	2.19039	37.6855	54.61 ± 2.07	93.24	1.37	0.0190 ± 0.0024
14D27514	16.5 %		0.0050267	35.8611	0.0557379	1.49962	26.0705	55.17 ± 2.95	94.59	0.94	0.0180 ± 0.0031
14D27516	18.0 %		0.0036101	39.0351	0.0101606	1.37074	24.6865	57.12 ± 3.33	95.84	0.86	0.0151 ± 0.0025
14D27517	19.5 %		0.0034715	18.5233	0.0496052	0.81076	13.6215	53.35 ± 5.31	92.98	0.51	0.0188 ± 0.0064
14D27518	21.0 %		0.0061302	27.4254	0.0336940	1.12783	18.8150	52.97 ± 4.10	91.20	0.70	0.0177 ± 0.0042
14D27520	22.5 %		0.0069532	24.4944	0.0142753	0.83147	14.7091	56.13 ± 5.33	87.73	0.52	0.0146 ± 0.0041
14D27521	24.5 %		0.0088055	41.7721	0.0423205	1.65285	27.9284	53.65 ± 2.81	91.46	1.03	0.0170 ± 0.0026
		Σ	0.6705345	3267.4107	0.6658201	160.10313	2706.9717				

Information on Analysis

Project = **RURUTU (13-INT-08)**
Sample = **RR1310-D07-22B**
Material = **Plagioclase**
Location = **Rurutu Hotspot**
Region = **Tuvalu**
Analyst = **Kevin Konrad**
Irradiation = **14-OSU-02 (2A23-14)**
J = **0.00178201 ± 0.00000169**
FCT-NM = **28.201 ± 0.023 Ma**

Results	40(r)/39(k) ± 2σ		Age ± 2σ (Ma)		MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau	16.90480	± 0.04918 ± 0.29%	**53.67**	**± 0.18** **± 0.34%**	1.63 4%	94.90 19	0.0213 ± 0.0006
			Full External Error	± 1.22	1.67	2σ Confidence Limit	
			Analytical Error	± 0.15	1.2759	Error Magnification	
Total Fusion Age	16.90767	± 0.04704 ± 0.28%	**53.68**	**± 0.18** **± 0.33%**		26	0.0211 ± 0.0002
			Full External Error	± 1.22			
			Analytical Error	± 0.15			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
14D27488	0.9 %		4.72 ± 0.41	367.34 ± 6.55	0.2022
14D27489	1.4 %	✓	65.33 ± 5.12	1380.29 ± 98.14	0.9062
14D27490	1.8 %	✓	120.18 ± 12.08	2319.80 ± 226.41	0.9706
14D27492	2.0 %	✓	262.65 ± 57.91	4654.88 ± 1019.73	0.9935
14D27493	2.4 %	✓	485.77 ± 130.91	8574.29 ± 2306.85	0.9983
14D27494	2.8 %	✓	747.32 ± 238.66	12939.11 ± 4128.97	0.9992
14D27496	3.2 %	✓	568.03 ± 120.59	9732.03 ± 2063.55	0.9988
14D27497	3.6 %	✓	511.75 ± 91.86	9030.51 ± 1618.53	0.9985
14D27498	4.0 %	✓	1048.00 ± 318.66	17861.95 ± 5429.20	0.9996
14D27500	4.5 %	✓	1107.63 ± 306.35	18990.14 ± 5250.76	0.9997
14D27501	5.1 %	✓	1287.58 ± 550.55	22293.28 ± 9530.22	0.9998
14D27502	5.8 %	✓	566.63 ± 71.95	9851.09 ± 1249.52	0.9990
14D27504	6.7 %	✓	831.03 ± 150.97	14402.44 ± 2615.05	0.9995
14D27505	7.7 %	✓	712.94 ± 102.44	12377.28 ± 1777.28	0.9994
14D27506	8.9 %	✓	543.43 ± 60.17	9516.45 ± 1052.58	0.9989
14D27508	10.1 %	✓	96.75 ± 2.36	1923.60 ± 45.82	0.9765
14D27509	11.3 %	✓	295.59 ± 24.99	5288.93 ± 445.41	0.9963
14D27510	12.5 %	✓	228.77 ± 21.19	4142.06 ± 380.73	0.9923
14D27512	13.7 %	✓	426.89 ± 163.51	7613.18 ± 2908.37	0.9974
14D27513	15.1 %	✓	237.76 ± 62.22	4386.15 ± 1138.30	0.9917
14D27514	16.5 %		298.33 ± 140.94	5481.86 ± 2577.01	0.9950
14D27516	18.0 %		379.70 ± 251.28	7133.75 ± 4706.53	0.9969
14D27517	19.5 %		233.55 ± 155.02	4219.32 ± 2776.14	0.9912
14D27518	21.0 %		183.98 ± 73.85	3364.72 ± 1330.88	0.9852
14D27520	22.5 %		119.58 ± 43.02	2410.94 ± 844.15	0.9730
14D27521	24.5 %		187.71 ± 51.92	3467.19 ± 945.52	0.9857

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	**280.29 ± 16.89**	16.95244 ± 0.06848	**53.82 ± 0.24**	1.74
Error Chron	**± 6.03%**	± 0.40%	**± 0.44%**	3%
			Full External Error ± 1.23	
			Analytical Error ± 0.21	

Statistics				
	2σ Confidence Limit	1.69	Convergence	0.000061534152
	Error Magnification	1.3185	Number of Iterations	1
	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.
14D27488	0.9 %		0.0128457 ± 0.0011017	0.00272225 ± 0.00004854	0.0014
14D27489	1.4 %	✓	0.0473299 ± 0.0015686	0.00072449 ± 0.00005151	0.0020
14D27490	1.8 %	✓	0.0518045 ± 0.0012544	0.00043107 ± 0.00004207	0.0012
14D27492	2.0 %	✓	0.0564249 ± 0.0014192	0.00021483 ± 0.00004706	0.0007
14D27493	2.4 %	✓	0.0566539 ± 0.0008945	0.00011663 ± 0.00003138	0.0004
14D27494	2.8 %	✓	0.0577566 ± 0.0007256	0.00007729 ± 0.00002466	0.0003
14D27496	3.2 %	✓	0.0583671 ± 0.0006079	0.00010275 ± 0.00002179	0.0004
14D27497	3.6 %	✓	0.0566686 ± 0.0005616	0.00011074 ± 0.00001985	0.0004
14D27498	4.0 %	✓	0.0586724 ± 0.0004917	0.00005598 ± 0.00001702	0.0002
14D27500	4.5 %	✓	0.0583265 ± 0.0004001	0.00005266 ± 0.00001456	0.0002
14D27501	5.1 %	✓	0.0577564 ± 0.0005091	0.00004486 ± 0.00001918	0.0002
14D27502	5.8 %	✓	0.0575195 ± 0.0003334	0.00010151 ± 0.00001288	0.0003
14D27504	6.7 %	✓	0.0577007 ± 0.0003465	0.00006943 ± 0.00001261	0.0002
14D27505	7.7 %	✓	0.0576009 ± 0.0002978	0.00008079 ± 0.00001160	0.0003
14D27506	8.9 %	✓	0.0571042 ± 0.0002917	0.00010508 ± 0.00001162	0.0004
14D27508	10.1 %	✓	0.0502978 ± 0.0002646	0.00051986 ± 0.00001238	0.0014
14D27509	11.3 %	✓	0.0558890 ± 0.0004078	0.00018907 ± 0.00001592	0.0007
14D27510	12.5 %	✓	0.0552305 ± 0.0006344	0.00024143 ± 0.00002219	0.0007
14D27512	13.7 %	✓	0.0560719 ± 0.0015606	0.00013135 ± 0.00005018	0.0004
14D27513	15.1 %	✓	0.0542072 ± 0.0018252	0.00022799 ± 0.00005917	0.0007
14D27514	16.5 %		0.0544209 ± 0.0025678	0.00018242 ± 0.00008576	0.0006
14D27516	18.0 %		0.0532258 ± 0.0027643	0.00014018 ± 0.00009248	0.0004
14D27517	19.5 %		0.0553520 ± 0.0048741	0.00023700 ± 0.00015594	0.0007
14D27518	21.0 %		0.0546787 ± 0.0037595	0.00029720 ± 0.00011756	0.0009
14D27520	22.5 %		0.0495993 ± 0.0041162	0.00041478 ± 0.00014523	0.0012
14D27521	24.5 %		0.0541379 ± 0.0025249	0.00028842 ± 0.00007865	0.0009

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	**284.43 ± 15.90** **± 5.59%**	16.93689 ± 0.06492 ± 0.38%	**53.77 ± 0.23** **± 0.42%** Full External Error ± 1.23 Analytical Error ± 0.20	1.54 7%

Statistics				
	2σ Confidence Limit	1.69	Convergence	0.0000024518
	Error Magnification	1.2426	Number of Iterations	3
	Number of Data Points	19	Calculated Line	Weighted York-2
	Spreading Factor	19.2%		

Degassing Patterns			36Ar(a) [fA]	%1σ	36Ar(c) [fA]	%1σ	36Ar(ca) [fA]	%1σ	36Ar(cl) [fA]	%1σ	37Ar(ca) [fA]	%1σ	38Ar(a) [fA]	%1σ	38Ar(c) [fA]	%1σ	38Ar(k) [fA]	%1σ	38Ar(ca) [fA]	%1σ	38Ar(cl) [fA]	%1σ	39Ar(k) [fA]	%1σ	39Ar(ca) [fA]	%1σ	40Ar(r) [fA]	%1σ	40Ar(a) [fA]	%1σ	40Ar(c) [fA]	%1σ	40Ar(k) [fA]
14D27488	0.9 %		0.1862363	0.89	0.0000000	0.00	0.0032420	26.12	0.0000111	119.85	12.1743	26.12	0.0348076	0.89	0.0000000	0.00	0.0105729	4.29	0.0008741	29.10	0.0318852	119.85	0.87881	4.29	0.0082249	26.16	13.3799	3.67	55.03283	0.89	0.0000000	0.00	0.0033597
14D27489	1.4 %	✓	0.0337037	3.55	0.0000000	0.00	0.0093954	8.20	0.0000039	357.56	35.2812	8.20	0.0062992	3.55	0.0000000	0.00	0.0264901	1.66	0.0025332	15.22	0.0110960	357.56	2.20182	1.65	0.0238360	8.31	36.5613	0.98	9.95945	3.55	0.0000000	0.00	0.0084176
14D27490	1.8 %	✓	0.0254806	4.88	0.0000000	0.00	0.0155809	4.96	0.0000000	0.00	58.5087	4.96	0.0047623	4.88	0.0000000	0.00	0.0368409	1.22	0.0042009	13.75	0.0000000	0.00	3.06216	1.21	0.0395285	5.13	51.5805	0.72	7.52953	4.88	0.0000000	0.00	0.0117066
14D27492	2.0 %	✓	0.0110824	10.95	0.0000000	0.00	0.0170885	4.74	0.0000000	0.00	64.1701	4.74	0.0020713	10.95	0.0000000	0.00	0.0350198	1.26	0.0046074	13.67	0.0000000	0.00	2.91080	1.25	0.0433533	4.92	48.3123	0.75	3.27484	10.95	0.0000000	0.00	0.0111280
14D27493	2.4 %	✓	0.0093969	13.45	0.0000000	0.00	0.0274403	3.10	0.0000000	0.00	103.0429	3.10	0.0017563	13.45	0.0000000	0.00	0.0549180	0.80	0.0073985	13.19	0.0000000	0.00	4.56471	0.79	0.0696158	3.37	77.7950	0.48	2.77679	13.45	0.0000000	0.00	0.0174509
14D27494	2.8 %	✓	0.0079196	15.96	0.0000000	0.00	0.0347077	2.33	0.0000000	0.00	130.3332	2.32	0.0014802	15.96	0.0000000	0.00	0.0712048	0.65	0.0093579	13.03	0.0000000	0.00	5.91844	0.63	0.0880531	2.67	100.1319	0.38	2.34023	15.96	0.0000000	0.00	0.0226262
14D27496	3.2 %	✓	0.0122404	10.60	0.0000000	0.00	0.0387011	2.23	0.0000000	0.00	145.3290	2.23	0.0022877	10.60	0.0000000	0.00	0.0836509	0.54	0.0104346	13.01	0.0000000	0.00	6.95294	0.52	0.0981843	2.59	115.5074	0.34	3.61705	10.60	0.0000000	0.00	0.0265811
14D27497	3.6 %	✓	0.0143681	8.96	0.0000000	0.00	0.0423554	1.95	0.0000118	111.62	159.0514	1.95	0.0026854	8.96	0.0000000	0.00	0.0884619	0.52	0.0114199	12.97	0.0339246	111.62	7.35283	0.49	0.1074552	2.35	125.5055	0.31	4.24577	8.96	0.0000000	0.00	0.0281099
14D27498	4.0 %	✓	0.0088222	15.20	0.0000000	0.00	0.0514737	1.70	0.0000163	82.30	193.2921	1.69	0.0016489	15.20	0.0000000	0.00	0.1112352	0.45	0.0138784	12.93	0.0468652	82.30	9.24571	0.42	0.1305881	2.14	154.9750	0.26	2.60696	15.20	0.0000000	0.00	0.0353464
14D27500	4.5 %	✓	0.0095064	13.82	0.0000000	0.00	0.0583496	1.48	0.0000000	0.00	219.1123	1.47	0.0017768	13.82	0.0000000	0.00	0.1266816	0.38	0.0157323	12.90	0.0000000	0.00	10.52959	0.34	0.1480323	1.97	177.7194	0.22	2.80915	13.82	0.0000000	0.00	0.0402546
14D27501	5.1 %	✓	0.0061992	21.37	0.0000000	0.00	0.0458531	1.95	0.0000101	132.99	172.1860	1.95	0.0011586	21.37	0.0000000	0.00	0.0960312	0.47	0.0123630	12.97	0.0289566	132.99	7.98198	0.44	0.1163289	2.35	136.3688	0.29	1.83187	21.37	0.0000000	0.00	0.0305151
14D27502	5.8 %	✓	0.0231667	6.34	0.0000000	0.00	0.0733045	1.28	0.0000022	640.01	275.2703	1.27	0.0043299	6.34	0.0000000	0.00	0.1579300	0.33	0.0197644	12.88	0.0063356	640.01	13.12692	0.29	0.1859726	1.83	221.3713	0.20	6.84576	6.34	0.0000000	0.00	0.0501842
14D27504	6.7 %	✓	0.0153937	9.08	0.0000000	0.00	0.0687043	1.36	0.0000224	60.78	257.9959	1.35	0.0028771	9.08	0.0000000	0.00	0.1539085	0.34	0.0185241	12.89	0.0645499	60.79	12.79266	0.30	0.1743020	1.89	217.1585	0.19	4.54885	9.08	0.0000000	0.00	0.0489063
14D27505	7.7 %	✓	0.0204607	7.18	0.0000000	0.00	0.0780360	1.22	0.0000234	60.50	293.0378	1.21	0.0038241	7.18	0.0000000	0.00	0.1754997	0.30	0.0210401	12.88	0.0671873	60.51	14.58729	0.26	0.1979763	1.79	247.2013	0.18	6.04613	7.18	0.0000000	0.00	0.0557672
14D27506	8.9 %	✓	0.0279477	5.53	0.0000000	0.00	0.0768099	1.19	0.0000094	150.00	288.4336	1.18	0.0052234	5.53	0.0000000	0.00	0.1827218	0.30	0.0207095	12.87	0.0270001	150.00	15.18759	0.25	0.1948657	1.77	257.7040	0.18	8.25853	5.53	0.0000000	0.00	0.0580621
14D27508	10.1 %	✓	0.1470414	1.19	0.0000000	0.00	0.0696076	1.31	0.0000000	0.00	261.3881	1.30	0.0274820	1.19	0.0000000	0.00	0.1711613	0.31	0.0187677	12.89	0.0000000	0.00	14.22669	0.26	0.1765938	1.85	239.3985	0.22	43.45074	1.19	0.0000000	0.00	0.0543886
14D27509	11.3 %	✓	0.0328595	4.21	0.0000000	0.00	0.0496171	1.77	0.0000062	224.01	186.3203	1.76	0.0061414	4.21	0.0000000	0.00	0.1168573	0.40	0.0133778	12.94	0.0178013	224.01	9.71302	0.36	0.1258780	2.20	164.0814	0.25	9.70997	4.21	0.0000000	0.00	0.0371329
14D27510	12.5 %	✓	0.0291166	4.60	0.0000000	0.00	0.0319689	2.62	0.0000229	61.51	120.0483	2.62	0.0054419	4.60	0.0000000	0.00	0.0801378	0.59	0.0086195	13.09	0.0659758	61.52	6.66094	0.57	0.0811046	2.93	111.9987	0.36	8.60396	4.60	0.0000000	0.00	0.0254648
14D27512	13.7 %	✓	0.0063824	19.10	0.0000000	0.00	0.0148435	5.57	0.0000080	172.34	55.7398	5.57	0.0011929	19.10	0.0000000	0.00	0.0327793	1.40	0.0040021	13.98	0.0230135	172.34	2.72457	1.39	0.0376578	5.72	46.7047	0.78	1.88601	19.10	0.0000000	0.00	0.0104160
14D27513	15.1 %	✓	0.0092126	12.98	0.0000000	0.00	0.0132042	6.01	0.0000123	108.56	49.5840	6.01	0.0017218	12.98	0.0000000	0.00	0.0263526	1.69	0.0035601	14.16	0.0354357	108.56	2.19039	1.68	0.0334990	6.16	37.6855	0.95	2.72232	12.98	0.0000000	0.00	0.0083739
14D27514	16.5 %		0.0050267	23.50	0.0000000	0.00	0.0095498	8.42	0.0000194	72.36	35.8611	8.42	0.0009395	23.50	0.0000000	0.00	0.0180419	2.36	0.0025748	15.34	0.0557379	72.37	1.49962	2.35	0.0242277	8.52	26.0705	1.35	1.48540	23.50	0.0000000	0.00	0.0057330
14D27516	18.0 %		0.0036101	32.99	0.0000000	0.00	0.0103950	7.93	0.0000035	406.92	39.0351	7.93	0.0006747	32.99	0.0000000	0.00	0.0164914	2.59	0.0028027	15.07	0.0101606	406.92	1.37074	2.59	0.0263721	8.04	24.6865	1.44	1.06677	32.99	0.0000000	0.00	0.0052403
14D27517	19.5 %		0.0034715	32.90	0.0000000	0.00	0.0049328	16.35	0.0000172	83.71	18.5233	16.35	0.0006488	32.90	0.0000000	0.00	0.0097542	4.39	0.0013300	20.77	0.0496052	83.71	0.81076	4.39	0.0125143	16.40	13.6215	2.50	1.02582	32.90	0.0000000	0.00	0.0030995
14D27518	21.0 %		0.0061302	19.78	0.0000000	0.00	0.0073034	11.23	0.0000117	110.00	27.4254	11.23	0.0011457	19.78	0.0000000	0.00	0.0135689	3.43	0.0019691	17.04	0.0336940	110.00	1.12783	3.43	0.0185286	11.31	18.8150	1.92	1.81149	19.78	0.0000000	0.00	0.0043117
14D27520	22.5 %		0.0069532	17.50	0.0000000	0.00	0.0065229	13.42	0.0000050	268.18	24.4944	13.42	0.0012996	17.50	0.0000000	0.00	0.0100034	4.14	0.0017587	18.56	0.0142753	268.18	0.83147	4.14	0.0165484	13.48	14.7091	2.47	2.05467	17.50	0.0000000	0.00	0.0031787
14D27521	24.5 %		0.0088055	13.63	0.0000000	0.00	0.0111239	7.37	0.0000147	92.77	41.7721	7.37	0.0016458	13.63	0.0000000	0.00	0.0198854	2.33	0.0029992	14.79	0.0423205	92.77	1.65285	2.33	0.0282213	7.48	27.9284	1.28	2.60203	13.63	0.0000000	0.00	0.0063188
		Σ	0.6705345	1.01	0.0000000	0.00	0.8701115	0.50	0.0002314	25.86	3267.4107	0.50	0.1253229	1.01	0.0000000	0.00	1.9262008	0.12	0.2346001	3.17	0.6658201	25.86	160.10313	0.12	2.2074627	0.59	2706.9717	0.07	198.14294	1.01	0.0000000	0.00	0.6120743
		Σ							1.5408774	0.52	3267.4107	0.50									2.9519439	5.84			162.31059	0.12							2905.7267

%1σ
5.05
3.13
2.92
2.94
2.77
2.73
2.71
2.71
2.69
2.68
2.70
2.68
2.68
2.67
2.67
2.67
2.68
2.72
3.00
3.15
3.55
3.71
5.13
4.34
4.92
3.53
0.67
0.10

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
14D27488	0.9 %		77.129094	3.271384	13.724726	3.632358	0.213622	0.009200	213.868	68.496991	1.00151108	3.284E-12
14D27489	1.4 %	✓	20.905818	0.342235	15.852024	1.325783	0.019366	0.000519	213.876	68.508267	1.00151113	2.233E-12
14D27490	1.8 %	✓	19.061125	0.227507	18.863483	0.962039	0.013238	0.000351	213.885	68.519544	1.00151119	2.838E-12
14D27492	2.0 %	✓	17.466348	0.216083	21.722022	1.063054	0.009536	0.000328	213.902	68.543044	1.00151132	2.477E-12
14D27493	2.4 %	✓	17.389645	0.134950	22.234744	0.710112	0.007949	0.000211	213.911	68.555268	1.00151138	3.868E-12
14D27494	2.8 %	✓	17.063990	0.105416	21.698709	0.521354	0.007097	0.000168	213.919	68.566553	1.00151144	4.920E-12
14D27496	3.2 %	✓	16.898145	0.086575	20.610746	0.470841	0.007225	0.000142	213.937	68.590070	1.00151156	5.719E-12
14D27497	3.6 %	✓	17.396042	0.084756	21.319761	0.427534	0.007605	0.000137	213.945	68.601361	1.00151162	6.229E-12
14D27498	4.0 %	✓	16.810181	0.069276	20.614962	0.358553	0.006432	0.000112	213.954	68.613594	1.00151168	7.566E-12
14D27500	4.5 %	✓	16.910949	0.057021	20.520689	0.309041	0.006355	0.000095	213.972	68.637127	1.00151181	8.667E-12
14D27501	5.1 %	✓	17.069150	0.073937	21.261978	0.423995	0.006429	0.000124	213.980	68.648426	1.00151187	6.635E-12
14D27502	5.8 %	✓	17.146328	0.048810	20.676966	0.269050	0.007247	0.000087	213.988	68.659726	1.00151192	1.096E-11
14D27504	6.7 %	✓	17.101637	0.050477	19.896406	0.274774	0.006487	0.000082	214.006	68.683275	1.00151205	1.064E-11
14D27505	7.7 %	✓	17.132136	0.043505	19.819581	0.244963	0.006663	0.000078	214.015	68.695523	1.00151211	1.216E-11
14D27506	8.9 %	✓	17.293770	0.043437	18.750822	0.225464	0.006811	0.000083	214.023	68.706832	1.00151217	1.277E-11
14D27508	10.1 %	✓	19.641609	0.050842	18.147815	0.240034	0.015042	0.000111	214.040	68.730396	1.00151229	1.358E-11
14D27509	11.3 %	✓	17.667474	0.063437	18.937111	0.340821	0.008383	0.000113	214.049	68.741710	1.00151235	8.344E-12
14D27510	12.5 %	✓	17.891916	0.101338	17.805917	0.477317	0.009064	0.000163	214.058	68.753969	1.00151242	5.790E-12
14D27512	13.7 %	✓	17.594870	0.241136	20.179252	1.156824	0.007687	0.000341	214.075	68.777550	1.00151254	2.333E-12
14D27513	15.1 %	✓	18.173614	0.300896	22.296056	1.390284	0.010086	0.000435	214.083	68.788872	1.00151260	1.940E-12
14D27514	16.5 %		18.086912	0.419236	23.533289	2.054981	0.009578	0.000610	214.092	68.801139	1.00151266	1.323E-12
14D27516	18.0 %		18.436998	0.468944	27.939819	2.326201	0.010027	0.000665	214.109	68.823792	1.00151278	1.236E-12
14D27517	19.5 %		17.795356	0.770375	22.499600	3.804224	0.010229	0.001077	214.118	68.836066	1.00151284	7.032E-13
14D27518	21.0 %		17.996835	0.607859	23.923920	2.805286	0.011729	0.000873	214.126	68.847397	1.00151290	9.903E-13
14D27520	22.5 %		19.771877	0.802818	28.884228	4.048262	0.015897	0.001187	214.144	68.871010	1.00151302	8.048E-13
14D27521	24.5 %		18.165020	0.415900	24.848507	1.916632	0.011864	0.000588	214.152	68.882347	1.00151308	1.466E-12

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
14D27488	0.9 %	0.0183566 ± 0.0006792	0.0716091 ± 0.0302232	0.2893990 ± 0.0275829	0.0233713 ± 0.0253353	5.3639033 ± 0.0386112
14D27489	1.4 %	0.0182132 ± 0.0006792	0.0865113 ± 0.0302232	0.2843322 ± 0.0275829	0.0383477 ± 0.0253353	5.3338975 ± 0.0386112
14D27490	1.8 %	0.0181237 ± 0.0006792	0.0954816 ± 0.0302232	0.2819328 ± 0.0275829	0.0494646 ± 0.0253353	5.3106646 ± 0.0386112
14D27492	2.0 %	0.0180777 ± 0.0006792	0.0989642 ± 0.0302232	0.2836061 ± 0.0275829	0.0623388 ± 0.0253353	5.2817090 ± 0.0386112
14D27493	2.4 %	0.0181123 ± 0.0006792	0.0945789 ± 0.0302232	0.2870987 ± 0.0275829	0.0646032 ± 0.0253353	5.2757905 ± 0.0386112
14D27494	2.8 %	0.0181705 ± 0.0006792	0.0878321 ± 0.0302232	0.2914002 ± 0.0275829	0.0645961 ± 0.0253353	5.2751257 ± 0.0386112
14D27496	3.2 %	0.0183470 ± 0.0006792	0.0683461 ± 0.0302232	0.3023043 ± 0.0275829	0.0597481 ± 0.0253353	5.2862423 ± 0.0386112
14D27497	3.6 %	0.0184471 ± 0.0006792	0.0575950 ± 0.0302232	0.3079030 ± 0.0275829	0.0557931 ± 0.0253353	5.2965089 ± 0.0386112
14D27498	4.0 %	0.0185596 ± 0.0006792	0.0457143 ± 0.0302232	0.3138719 ± 0.0275829	0.0507770 ± 0.0253353	5.3104474 ± 0.0386112
14D27500	4.5 %	0.0187684 ± 0.0006792	0.0240914 ± 0.0302232	0.3242215 ± 0.0275829	0.0401361 ± 0.0253353	5.3431908 ± 0.0386112
14D27501	5.1 %	0.0188575 ± 0.0006792	0.0150219 ± 0.0302232	0.3283484 ± 0.0275829	0.0350205 ± 0.0253353	5.3606200 ± 0.0386112
14D27502	5.8 %	0.0189353 ± 0.0006792	0.0071719 ± 0.0302232	0.3317836 ± 0.0275829	0.0301408 ± 0.0253353	5.3784897 ± 0.0386112
14D27504	6.7 %	0.0190501 ± 0.0006792	0.0044528 ± 0.0302232	0.3364502 ± 0.0275829	0.0213171 ± 0.0253353	5.4150031 ± 0.0386112
14D27505	7.7 %	0.0190801 ± 0.0006792	0.0077013 ± 0.0302232	0.3374931 ± 0.0275829	0.0176780 ± 0.0253353	5.4324571 ± 0.0386112
14D27506	8.9 %	0.0190878 ± 0.0006792	0.0089417 ± 0.0302232	0.3376389 ± 0.0275829	0.0149838 ± 0.0253353	5.4469445 ± 0.0386112
14D27508	10.1 %	0.0190385 ± 0.0006792	0.0063099 ± 0.0302232	0.3357045 ± 0.0275829	0.0114986 ± 0.0253353	5.4700059 ± 0.0386112
14D27509	11.3 %	0.0189830 ± 0.0006792	0.0027908 ± 0.0302232	0.3339150 ± 0.0275829	0.0108073 ± 0.0253353	5.4766719 ± 0.0386112
14D27510	12.5 %	0.0189001 ± 0.0006792	0.0023745 ± 0.0302232	0.3315663 ± 0.0275829	0.0106903 ± 0.0253353	5.4799404 ± 0.0386112
14D27512	13.7 %	0.0186781 ± 0.0006792	0.0149901 ± 0.0302232	0.3267085 ± 0.0275829	0.0118582 ± 0.0253353	5.4725621 ± 0.0386112
14D27513	15.1 %	0.0185454 ± 0.0006792	0.0215502 ± 0.0302232	0.3247011 ± 0.0275829	0.0127799 ± 0.0253353	5.4616575 ± 0.0386112
14D27514	16.5 %	0.0183856 ± 0.0006792	0.0283628 ± 0.0302232	0.3231798 ± 0.0275829	0.0137728 ± 0.0253353	5.4437464 ± 0.0386112
14D27516	18.0 %	0.0180577 ± 0.0006792	0.0379985 ± 0.0302232	0.3234636 ± 0.0275829	0.0146855 ± 0.0253353	5.3921425 ± 0.0386112
14D27517	19.5 %	0.0178695 ± 0.0006792	0.0402753 ± 0.0302232	0.3261047 ± 0.0275829	0.0140971 ± 0.0253353	5.3531224 ± 0.0386112
14D27518	21.0 %	0.0176943 ± 0.0006792	0.0396148 ± 0.0302232	0.3306456 ± 0.0275829	0.0124703 ± 0.0253353	5.3095789 ± 0.0386112
14D27520	22.5 %	0.0173439 ± 0.0006792	0.0264206 ± 0.0302232	0.3485310 ± 0.0275829	0.0042607 ± 0.0253353	5.1937272 ± 0.0386112
14D27521	24.5 %	0.0171928 ± 0.0006792	0.0127104 ± 0.0302232	0.3621546 ± 0.0275829	0.0027653 ± 0.0253353	5.1251522 ± 0.0386112

Intercept Values		36Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	37Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	38Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	39Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	40Ar ± 1σ (SE) [fA]	r2	Regression (type,n)
14D27488	0.9 %	0.1991123 ± 0.0010620	0.4759	EXP 150 of 150	0.1024519 ± 0.0339554	0.0000	EXP 150 of 150	0.2123374 ± 0.0256663	0.0051	EXP 150 of 150	0.8562242 ± 0.0273715	0.0010	EXP 150 of 150	73.958390 ± 0.032581	0.4517	EXP 150 of 150
14D27489	1.4 %	0.0593295 ± 0.0005386	0.1783	EXP 150 of 150	0.4178358 ± 0.0280635	0.0122	EXP 150 of 150	0.2385542 ± 0.0277411	0.0036	EXP 150 of 150	2.1686480 ± 0.0256024	0.1802	EXP 150 of 150	51.984437 ± 0.032722	0.9452	EXP 150 of 150
14D27490	1.8 %	0.0572926 ± 0.0006242	0.1485	EXP 150 of 150	0.7407664 ± 0.0278898	0.0146	EXP 150 of 150	0.3023118 ± 0.0274053	0.0248	EXP 150 of 150	3.0262168 ± 0.0263556	0.2171	EXP 150 of 150	64.586534 ± 0.032342	0.8303	EXP 150 of 150
14D27492	2.0 %	0.0449502 ± 0.0005266	0.3440	EXP 150 of 150	0.8178873 ± 0.0306218	0.0674	EXP 150 of 150	0.2583856 ± 0.0291103	0.0000	EXP 150 of 150	2.8670416 ± 0.0256837	0.2723	EXP 150 of 150	57.014509 ± 0.031275	0.9168	EXP 149 of 150
14D27493	2.4 %	0.0532517 ± 0.0005691	0.2254	EXP 150 of 150	1.3774176 ± 0.0328425	0.1201	EXP 150 of 150	0.2760135 ± 0.0249408	0.0166	EXP 150 of 150	4.5308579 ± 0.0247342	0.5702	EXP 147 of 150	86.075156 ± 0.033743	0.5555	EXP 150 of 150
14D27494	2.8 %	0.0588331 ± 0.0006207	0.1831	EXP 150 of 150	1.7737071 ± 0.0285375	0.2285	EXP 150 of 150	0.2483493 ± 0.0270747	0.0041	EXP 150 of 150	5.8915341 ± 0.0262051	0.6211	EXP 150 of 150	108.037217 ± 0.034797	0.9478	EXP 150 of 150
14D27496	3.2 %	0.0669406 ± 0.0006117	0.2016	EXP 150 of 150	2.0066652 ± 0.0323387	0.1169	EXP 150 of 150	0.2235524 ± 0.0249312	0.0067	EXP 150 of 150	6.9322535 ± 0.0246789	0.7738	EXP 150 of 150	124.747961 ± 0.037692	0.9739	EXP 150 of 150
14D27497	3.6 %	0.0725674 ± 0.0006349	0.1169	EXP 150 of 150	2.2129716 ± 0.0287754	0.1255	EXP 150 of 150	0.1732945 ± 0.0251199	0.0133	EXP 150 of 150	7.3419310 ± 0.0249477	0.7272	EXP 150 of 150	135.414336 ± 0.039245	0.9808	EXP 150 of 150
14D27498	4.0 %	0.0760919 ± 0.0006745	0.0536	EXP 150 of 150	2.7131682 ± 0.0308247	0.2221	EXP 150 of 150	0.1426399 ± 0.0261171	0.0226	EXP 150 of 150	9.2468967 ± 0.0278783	0.8225	EXP 150 of 150	163.338782 ± 0.035693	0.9928	EXP 150 of 150
14D27500	4.5 %	0.0834969 ± 0.0006354	0.1183	EXP 149 of 150	3.1022540 ± 0.0281852	0.2765	EXP 150 of 150	0.1943752 ± 0.0267702	0.0041	EXP 150 of 150	10.5479518 ± 0.0238781	0.8881	EXP 150 of 150	186.382898 ± 0.042643	0.9937	EXP 150 of 150
14D27501	5.1 %	0.0685203 ± 0.0006228	0.1925	EXP 150 of 150	2.4413645 ± 0.0335782	0.1848	EXP 150 of 150	0.1917502 ± 0.0260479	0.0034	EXP 150 of 150	7.9953762 ± 0.0229922	0.8198	EXP 150 of 150	143.952321 ± 0.038548	0.9857	EXP 150 of 150
14D27502	5.8 %	0.1109621 ± 0.0007991	0.0305	EXP 150 of 150	3.9191567 ± 0.0307195	0.3663	EXP 150 of 150	0.1460226 ± 0.0288335	0.0006	EXP 150 of 150	13.1711156 ± 0.0260715	0.9139	EXP 149 of 150	234.241054 ± 0.042659	0.9969	EXP 150 of 150
14D27504	6.7 %	0.0992934 ± 0.0006891	0.0439	EXP 150 of 150	3.6831256 ± 0.0315948	0.1788	EXP 149 of 150	0.0999000 ± 0.0270147	0.0060	EXP 150 of 150	12.8369025 ± 0.0266855	0.9107	EXP 150 of 150	227.749544 ± 0.041773	0.9967	EXP 150 of 150
14D27505	7.7 %	0.1130593 ± 0.0007818	0.0001	EXP 150 of 150	4.1852788 ± 0.0304738	0.4258	EXP 149 of 150	0.0736334 ± 0.0289482	0.0139	EXP 150 of 150	14.6435985 ± 0.0251842	0.9257	EXP 150 of 150	259.396214 ± 0.045132	0.9974	EXP 150 of 150
14D27506	8.9 %	0.1190259 ± 0.0009388	0.0079	EXP 150 of 150	4.1202052 ± 0.0271048	0.4354	EXP 149 of 150	0.1052354 ± 0.0287546	0.0002	EXP 150 of 150	15.2384697 ± 0.0265997	0.9328	EXP 149 of 150	272.161258 ± 0.047058	0.9975	EXP 150 of 150
14D27508	10.1 %	0.2257020 ± 0.0011183	0.3845	EXP 150 of 150	3.7307954 ± 0.0292353	0.2154	EXP 149 of 150	0.1372255 ± 0.0258863	0.0126	EXP 149 of 150	14.2709939 ± 0.0249497	0.9297	EXP 150 of 150	289.111385 ± 0.046319	0.9980	EXP 150 of 150
14D27509	11.3 %	0.0976640 ± 0.0007288	0.0349	EXP 150 of 150	2.6572083 ± 0.0314808	0.2485	EXP 149 of 150	0.1818643 ± 0.0279692	0.0029	EXP 150 of 150	9.7455799 ± 0.0230642	0.8670	EXP 150 of 150	179.758471 ± 0.040793	0.9930	EXP 150 of 150
14D27510	12.5 %	0.0771919 ± 0.0007079	0.1003	EXP 150 of 150	1.7075917 ± 0.0312263	0.0862	EXP 150 of 150	0.1736014 ± 0.0289664	0.0152	EXP 150 of 150	6.6748132 ± 0.0276245	0.6818	EXP 150 of 150	126.422607 ± 0.035573	0.9764	EXP 150 of 150
14D27512	13.7 %	0.0389333 ± 0.0005156	0.3828	EXP 150 of 150	0.7786942 ± 0.0318348	0.0212	EXP 150 of 150	0.2665621 ± 0.0277187	0.0000	EXP 150 of 150	2.7272080 ± 0.0274865	0.2374	EXP 149 of 150	54.200411 ± 0.033885	0.9100	EXP 150 of 150
14D27513	15.1 %	0.0399407 ± 0.0005112	0.3925	EXP 150 of 150	0.6843659 ± 0.0294605	0.0317	EXP 150 of 150	0.2585562 ± 0.0260329	0.0029	EXP 150 of 150	2.1924623 ± 0.0261094	0.1729	EXP 150 of 150	45.983229 ± 0.031199	0.9576	EXP 150 of 150
14D27514	16.5 %	0.0323088 ± 0.0004676	0.4103	EXP 150 of 150	0.4820917 ± 0.0303904	0.0321	EXP 150 of 150	0.2469522 ± 0.0286451	0.0084	EXP 150 of 150	1.4972920 ± 0.0240164	0.0263	EXP 150 of 150	33.077264 ± 0.029374	0.9807	EXP 150 of 150
14D27516	18.0 %	0.0314207 ± 0.0004572	0.4256	EXP 150 of 150	0.5174522 ± 0.0318455	0.0390	EXP 150 of 150	0.2937499 ± 0.0300195	0.0001	EXP 150 of 150	1.3707093 ± 0.0243288	0.0093	EXP 150 of 150	31.217865 ± 0.030867	0.9785	EXP 150 of 150
14D27517	19.5 %	0.0259028 ± 0.0003646	0.5941	EXP 149 of 150	0.2232557 ± 0.0306543	0.0003	EXP 150 of 150	0.2656128 ± 0.0302539	0.0149	EXP 150 of 150	0.8022709 ± 0.0244921	0.0427	EXP 149 of 150	20.041757 ± 0.027592	0.9895	EXP 150 of 150
14D27518	21.0 %	0.0305200 ± 0.0005121	0.4722	EXP 150 of 150	0.3505018 ± 0.0316253	0.0001	EXP 150 of 150	0.2809629 ± 0.0239705	0.0013	EXP 150 of 150	1.1242734 ± 0.0287089	0.0408	EXP 150 of 150	25.994195 ± 0.031343	0.9820	EXP 150 of 150
14D27520	22.5 %	0.0302036 ± 0.0004337	0.5028	EXP 150 of 150	0.3218849 ± 0.0355763	0.0119	EXP 150 of 150	0.3215712 ± 0.0257705	0.0087	EXP 149 of 150	0.8366483 ± 0.0227527	0.0046	EXP 149 of 150	22.004424 ± 0.029749	0.9857	EXP 150 of 150
14D27521	24.5 %	0.0362177 ± 0.0004856	0.3564	EXP 150 of 150	0.5811824 ± 0.0314118	0.0009	EXP 150 of 150	0.2962260 ± 0.0271581	0.0016	EXP 150 of 150	1.6697384 ± 0.0283807	0.1097	EXP 150 of 150	35.741498 ± 0.035053	0.9651	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
14D27488	0.9 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01
14D27489	1.4 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01
14D27490	1.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01
14D27492	2.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01
14D27493	2.4 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01
14D27494	2.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01
14D27496	3.2 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01
14D27497	3.6 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01
14D27498	4.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01
14D27500	4.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01
14D27501	5.1 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01
14D27502	5.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01
14D27504	6.7 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01
14D27505	7.7 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01
14D27506	8.9 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01
14D27508	10.1 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01
14D27509	11.3 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01
14D27510	12.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01
14D27512	13.7 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01
14D27513	15.1 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01
14D27514	16.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01
14D27516	18.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01
14D27517	19.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01
14D27518	21.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01
14D27520	22.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01
14D27521	24.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	27.30	French Polynesia\Rurutu (13-INT-08)	14D27487	01

Sample Parameters		Sample	Material	Location	Standard Name	Standard (in Ma)	%1σ	Standard Reference	Standard 40Ar/39Ar	%1σ	J	%1σ	Air 40Ar/36Ar	%1σ	MDF (lin)	%1σ	Volume Ratio	Sensitivity (mol/volt)	Day	Month	Year	Hour	Min	Resist
14D27488	0.9 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	11	59	1
14D27489	1.4 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	12	11	1
14D27490	1.8 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	12	23	1
14D27492	2.0 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	12	48	1
14D27493	2.4 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	13	1	1
14D27494	2.8 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	13	13	1
14D27496	3.2 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	13	38	1
14D27497	3.6 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	13	50	1
14D27498	4.0 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	14	3	1
14D27500	4.5 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	14	28	1
14D27501	5.1 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	14	40	1
14D27502	5.8 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	14	52	1
14D27504	6.7 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	15	17	1
14D27505	7.7 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	15	30	1
14D27506	8.9 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	15	42	1
14D27508	10.1 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	16	7	1
14D27509	11.3 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	16	19	1
14D27510	12.5 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	16	32	1
14D27512	13.7 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	16	57	1
14D27513	15.1 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	17	9	1
14D27514	16.5 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	17	22	1
14D27516	18.0 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	17	46	1
14D27517	19.5 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	17	59	1
14D27518	21.0 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	18	11	1
14D27520	22.5 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	18	36	1
14D27521	24.5 %	RR1310-D07-22b	Plagioclase	Rurutu Hotspot	FCT-NM (2A23-14)	28.201	0.082	Kuiper et al. (2008)	8.82003	0.095	0.00178201	0.095	303.876	0.142	0.99310013	0.068	1	4.8E-14	14	OCT	2014	18	48	1

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
14D27488	0.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D27489	1.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D27490	1.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D27492	2.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D27493	2.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D27494	2.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D27496	3.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D27497	3.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D27498	4.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D27500	4.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D27501	5.1 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D27502	5.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D27504	6.7 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D27505	7.7 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D27506	8.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D27508	10.1 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D27509	11.3 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D27510	12.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D27512	13.7 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D27513	15.1 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D27514	16.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D27516	18.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D27517	19.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D27518	21.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D27520	22.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D27521	24.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0

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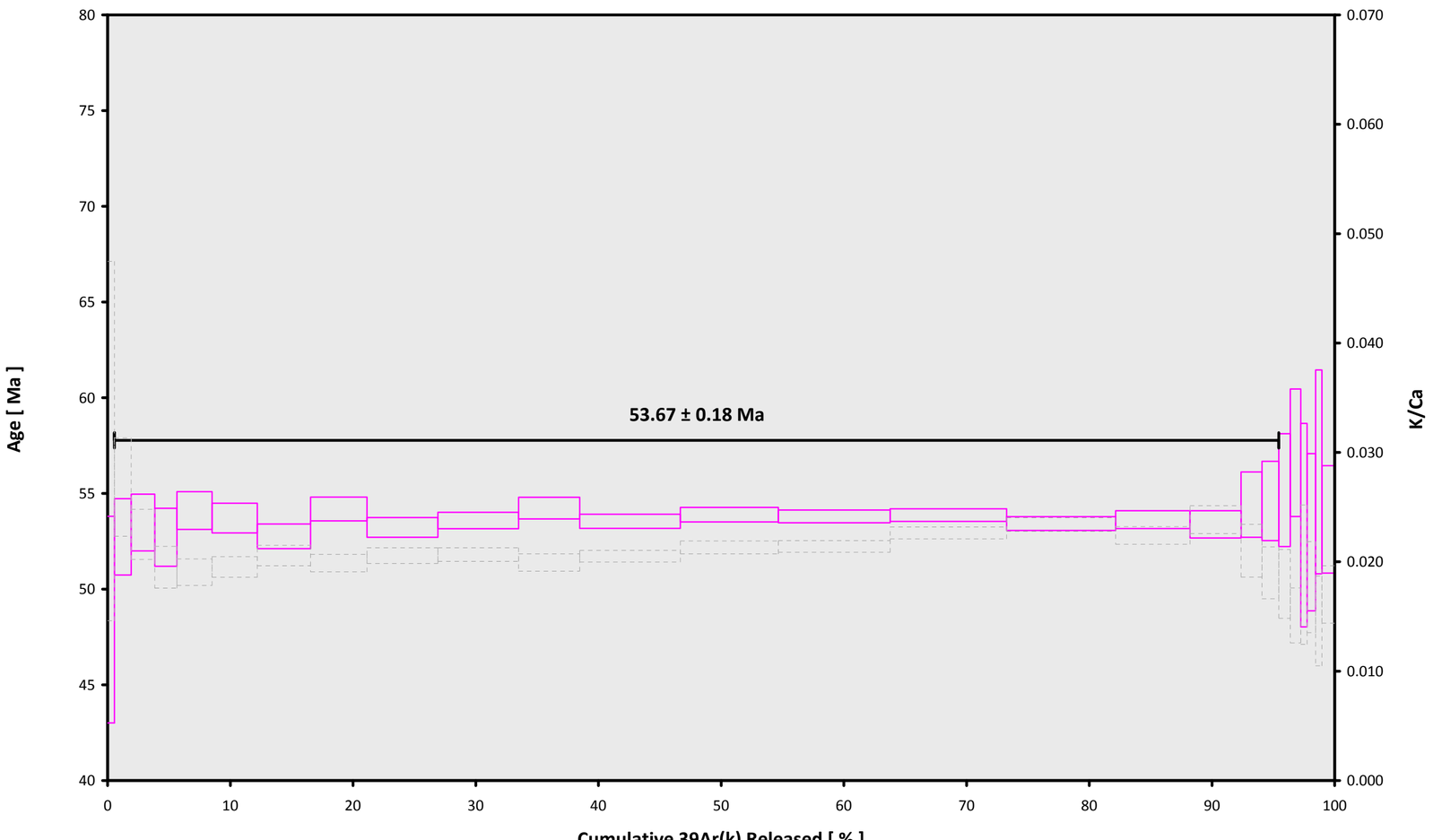


Ar-Ages in Ma

WEIGHTED PLATEAU
53.67 ± 0.18
TOTAL FUSION
53.68 ± 0.18
NORMAL ISOCHRON
53.82 ± 0.24
INVERSE ISOCHRON
53.77 ± 0.23

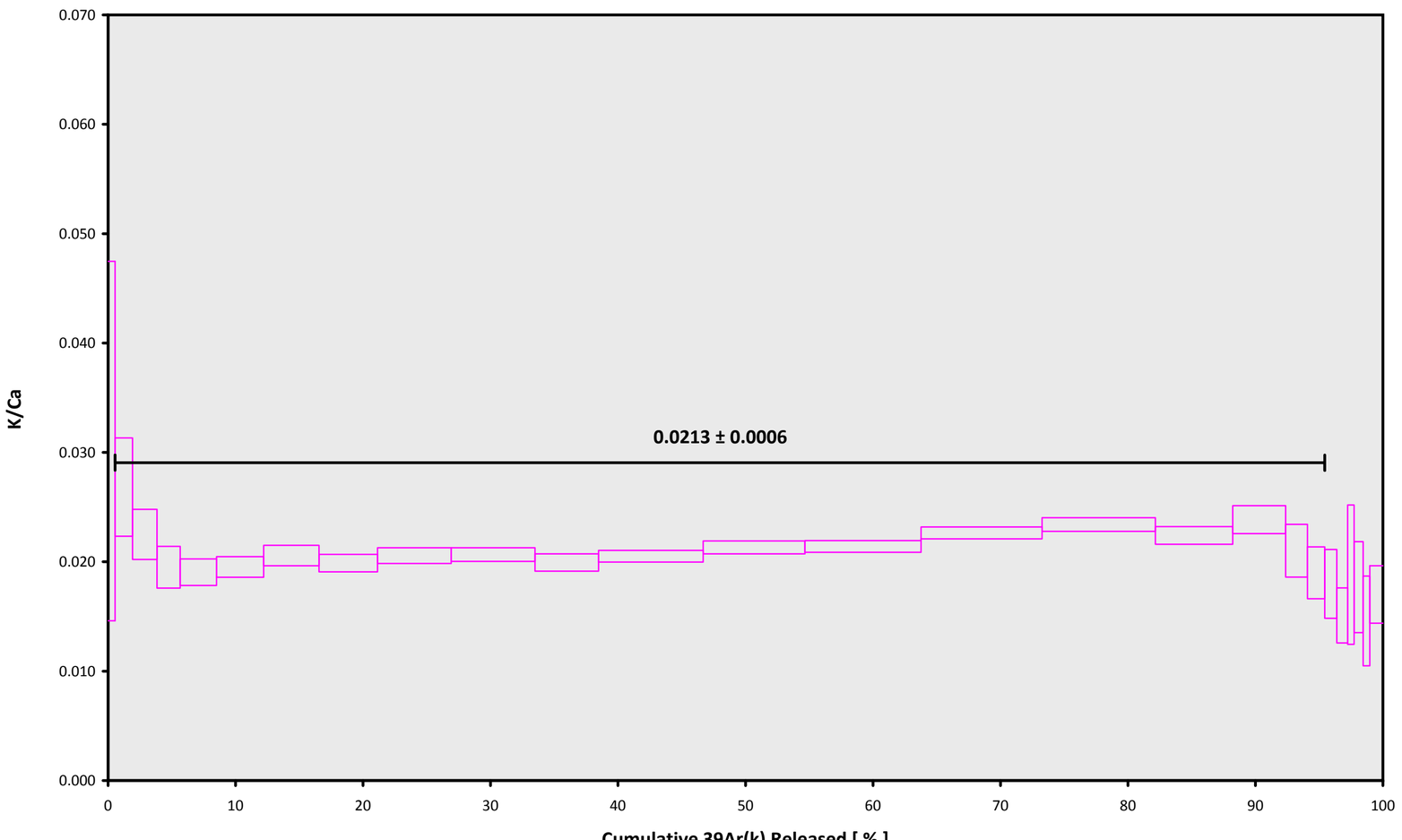
MSWD (PROBABILITY)
1.63 (4%)

Sample Info

Plagioclase
Rurutu Hotspot
Kevin Konrad

IRR = 14-OSU-02 (2A23-14)
J = 0.00178201 ± 0.00000169

14D27487.AGE >>> RR1310-D07-22B >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

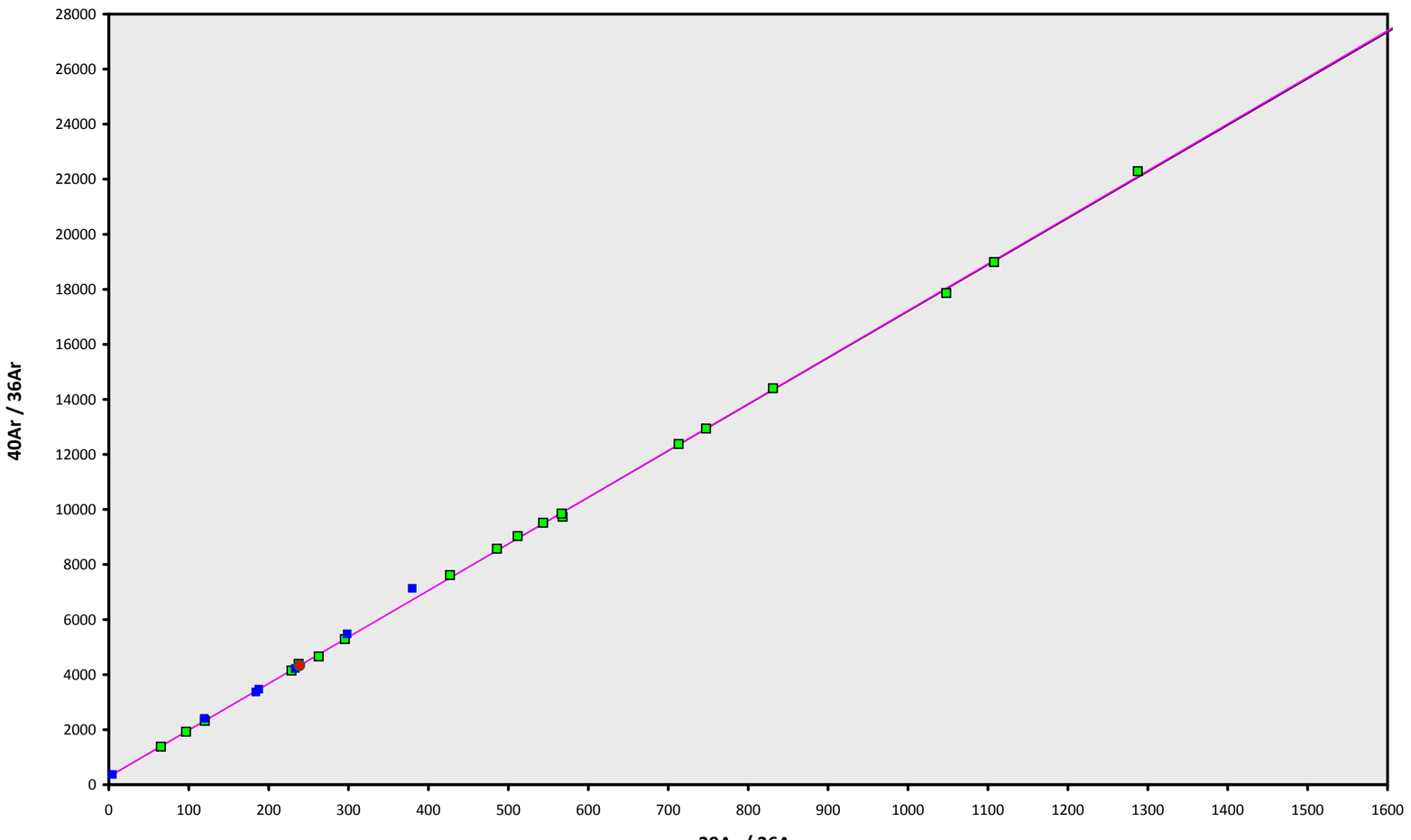
WEIGHTED PLATEAU
53.67 ± 0.18
TOTAL FUSION
53.68 ± 0.18
NORMAL ISOCHRON
53.82 ± 0.24
INVERSE ISOCHRON
53.77 ± 0.23

Sample Info

Plagioclase
Rurutu Hotspot
Kevin Konrad

IRR = 14-OSU-02 (2A23-14)
J = 0.00178201 ± 0.00000169

14D27487.AGE >>> RR1310-D07-22B >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
53.67 ± 0.18
TOTAL FUSION
53.68 ± 0.18
NORMAL ISOCHRON
53.82 ± 0.24
INVERSE ISOCHRON
53.77 ± 0.23

MSWD (PROBABILITY)
1.74 (3%)

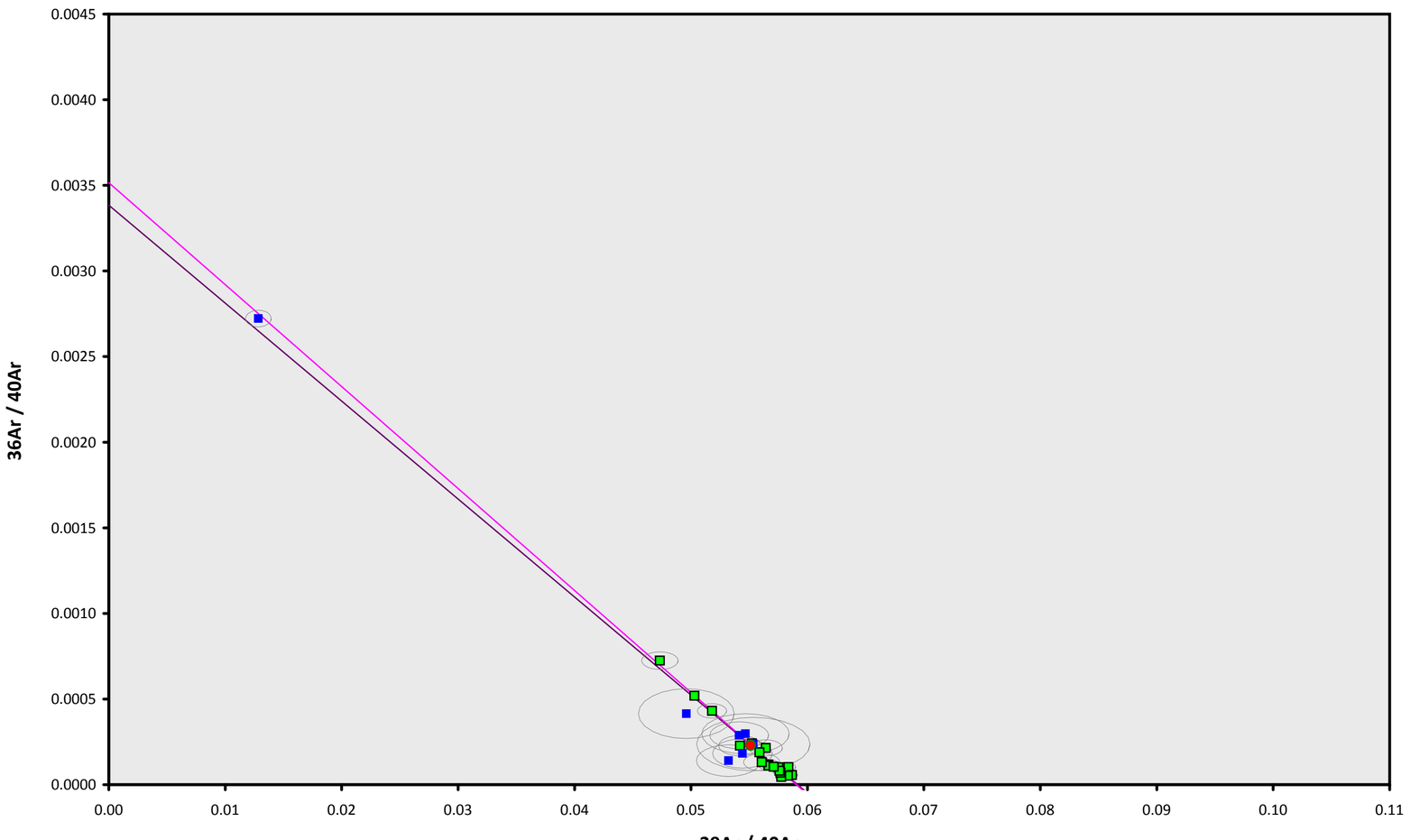
40AR/36AR INTERCEPT
280.3 ± 16.9

Sample Info

Plagioclase
Rurutu Hotspot
Kevin Konrad

IRR = 14-OSU-02 (2A23-14)
J = 0.00178201 ± 0.00000169

14D27487.AGE >>> RR1310-D07-22B >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
53.67 ± 0.18
TOTAL FUSION
53.68 ± 0.18
NORMAL ISOCHRON
53.82 ± 0.24
INVERSE ISOCHRON
53.77 ± 0.23

MSWD (PROBABILITY)
1.54 (7%)

SPREADING FACTOR
19.2%

40AR/36AR INTERCEPT
284.4 ± 15.9

Sample Info

Plagioclase
Rurutu Hotspot
Kevin Konrad

IRR = 14-OSU-02 (2A23-14)
J = 0.00178201 ± 0.00000169