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
14D27613	1.8 %	✓	0.2905441	0.584	44.7058	6.852	0.491230	7.697	39.8201	0.118	733.441	0.017	14.93184 ± 0.10860	47.35 ± 0.34	81.01	3.56	0.383 ± 0.052
14D27615	1.9 %	✓	0.0847357	1.358	24.5054	12.093	0.289576	14.003	23.2465	0.171	386.166	0.030	14.93846 ± 0.09074	47.37 ± 0.28	89.86	2.08	0.408 ± 0.099
14D27616	2.0 %	✓	0.0721213	1.493	29.3223	10.303	0.353407	10.755	26.5283	0.152	428.169	0.028	14.93684 ± 0.07560	47.37 ± 0.24	92.48	2.37	0.389 ± 0.080
14D27618	2.1 %	✓	0.0330476	2.733	14.9002	20.101	0.148560	24.652	13.8598	0.267	220.268	0.053	14.85171 ± 0.12205	47.10 ± 0.38	93.38	1.24	0.400 ± 0.161
14D27619	2.2 %	✓	0.0350461	2.755	21.3186	14.558	0.256387	14.148	17.2099	0.228	272.064	0.043	14.96548 ± 0.10401	47.46 ± 0.33	94.59	1.54	0.347 ± 0.101
14D27620	2.3 %	✓	0.0255062	3.754	14.7347	20.232	0.172230	22.188	11.8538	0.323	186.581	0.062	14.83991 ± 0.14550	47.07 ± 0.46	94.20	1.06	0.346 ± 0.140
14D27622	2.4 %	✓	0.0280525	3.245	19.4679	15.077	0.215297	17.815	15.1775	0.249	238.127	0.049	14.94644 ± 0.11146	47.40 ± 0.35	95.18	1.36	0.335 ± 0.101
14D27623	2.5 %	✓	0.0375563	2.566	31.4825	10.034	0.290789	12.535	26.7584	0.160	417.969	0.029	15.08381 ± 0.07008	47.83 ± 0.22	96.49	2.39	0.365 ± 0.073
14D27624	2.6 %	✓	0.0328368	2.961	30.9001	10.008	0.302373	12.597	24.6072	0.164	379.668	0.032	14.93854 ± 0.07322	47.37 ± 0.23	96.74	2.20	0.342 ± 0.068
14D27626	2.7 %	✓	0.0327421	2.822	37.8241	8.284	0.329409	11.731	28.0693	0.156	431.377	0.028	14.97476 ± 0.06598	47.49 ± 0.21	97.35	2.51	0.319 ± 0.053
14D27627	2.8 %	✓	0.0179266	4.939	21.2363	13.831	0.185496	20.507	14.9079	0.262	229.232	0.052	14.97608 ± 0.11319	47.49 ± 0.35	97.30	1.33	0.302 ± 0.083
14D27628	2.9 %	✓	0.0348183	2.755	38.5996	7.524	0.378075	9.663	31.2182	0.132	479.002	0.026	14.95982 ± 0.05729	47.44 ± 0.18	97.42	2.79	0.347 ± 0.052
14D27630	3.0 %	✓	0.0277690	3.330	38.3347	7.764	0.319565	11.255	29.5867	0.145	448.494	0.027	14.87143 ± 0.06072	47.16 ± 0.19	98.02	2.65	0.332 ± 0.051
14D27631	3.2 %	✓	0.0192832	4.737	24.1884	12.229	0.184849	20.597	17.2800	0.221	263.836	0.045	14.90742 ± 0.09745	47.28 ± 0.31	97.54	1.55	0.307 ± 0.075
14D27632	3.4 %	✓	0.0185996	4.912	21.2474	13.529	0.203963	18.748	16.5650	0.226	254.435	0.046	14.97882 ± 0.10043	47.50 ± 0.31	97.44	1.48	0.335 ± 0.091
14D27634	3.6 %	✓	0.0221440	4.128	34.4978	8.950	0.304641	12.141	22.5208	0.171	342.298	0.034	14.92371 ± 0.07583	47.33 ± 0.24	98.09	2.01	0.280 ± 0.050
14D27635	3.9 %	✓	0.0466376	2.115	74.2645	4.104	0.645850	5.740	55.5678	0.098	844.934	0.015	14.97376 ± 0.03806	47.48 ± 0.12	98.39	4.97	0.321 ± 0.026
14D27636	4.2 %	✓	0.0231675	4.022	31.4793	8.952	0.278842	14.551	23.1849	0.170	353.124	0.034	14.92220 ± 0.07362	47.32 ± 0.23	97.88	2.07	0.316 ± 0.057
14D27638	4.5 %	✓	0.0234036	3.904	26.9657	10.794	0.276319	13.902	22.7369	0.181	345.572	0.034	14.85053 ± 0.07662	47.10 ± 0.24	97.63	2.03	0.362 ± 0.078
14D27639	4.8 %	✓	0.0604544	1.856	109.5492	2.665	0.951408	3.761	80.5076	0.084	1219.103	0.011	14.95860 ± 0.03087	47.44 ± 0.10	98.69	7.20	0.316 ± 0.017
14D27640	5.1 %	✓	0.0414110	2.548	76.3736	3.899	0.659155	5.850	55.7618	0.098	843.281	0.015	14.94419 ± 0.03826	47.39 ± 0.12	98.73	4.99	0.314 ± 0.024
14D27642	5.4 %	✓	0.0397703	2.647	69.4562	4.119	0.592853	6.693	52.1873	0.102	788.175	0.015	14.90882 ± 0.03999	47.28 ± 0.13	98.63	4.67	0.323 ± 0.027
14D27643	5.8 %	✓	0.0169695	5.436	24.5391	12.840	0.198002	19.088	19.0248	0.209	287.756	0.040	14.86048 ± 0.09140	47.13 ± 0.29	98.16	1.70	0.333 ± 0.086
14D27644	6.2 %	✓	0.0287703	3.303	46.4882	6.611	0.387768	10.004	30.5384	0.136	462.097	0.027	14.87516 ± 0.05867	47.18 ± 0.18	98.20	2.73	0.282 ± 0.037
14D27646	6.8 %		0.0226719	4.056	34.6388	8.753	0.296548	12.797	24.2116	0.172	363.352	0.032	14.74043 ± 0.07267	46.75 ± 0.23	98.13	2.17	0.300 ± 0.053
14D27647	7.4 %		0.0367173	2.679	49.0236	5.805	0.453394	7.868	36.0514	0.126	540.265	0.022	14.66791 ± 0.05181	46.53 ± 0.16	97.79	3.22	0.316 ± 0.037
14D27648	8.3 %		0.0520906	1.858	69.6588	4.078	0.548659	6.927	43.0943	0.110	640.069	0.019	14.47612 ± 0.04440	45.93 ± 0.14	97.36	3.85	0.266 ± 0.022
14D27650	9.3 %		0.0929186	1.300	111.8743	2.825	0.831254	4.351	61.5412	0.093	904.562	0.015	14.20003 ± 0.03840	45.06 ± 0.12	96.49	5.50	0.236 ± 0.013
14D27651	10.4 %		0.0937945	1.255	126.1288	2.475	0.832113	4.437	56.8983	0.098	824.076	0.016	13.97237 ± 0.04014	44.35 ± 0.13	96.33	5.09	0.194 ± 0.010
14D27652	11.7 %		0.1160493	1.036	150.3756	2.088	0.729845	5.458	50.8953	0.099	722.667	0.018	13.47673 ± 0.04411	42.79 ± 0.14	94.72	4.55	0.145 ± 0.006
14D27654	13.5 %		0.1181032	1.068	150.9737	2.094	0.529160	7.087	34.2579	0.129	482.661	0.025	12.98876 ± 0.06352	41.26 ± 0.20	91.92	3.06	0.097 ± 0.004
14D27655	15.5 %		0.1808344	0.729	254.3045	1.357	0.683832	5.500	39.9756	0.120	548.573	0.022	12.35963 ± 0.06257	39.28 ± 0.20	89.68	3.56	0.067 ± 0.002
14D27656	17.6 %		0.2098687	0.770	312.5055	1.182	0.570101	6.478	33.2194	0.131	464.267	0.026	12.14588 ± 0.08279	38.61 ± 0.26	86.35	2.95	0.045 ± 0.001
14D27658	19.8 %		0.1517570	0.926	223.1534	1.481	0.429800	8.787	18.0367	0.213	264.180	0.044	12.19025 ± 0.12655	38.75 ± 0.40	82.53	1.60	0.034 ± 0.001
14D27659	22.1 %		0.1259362	1.027	170.6137	1.982	0.306043	12.501	12.3344	0.316	186.046	0.061	11.93371 ± 0.17359	37.94 ± 0.55	78.38	1.09	0.031 ± 0.001
14D27660	24.5 %		0.1109251	1.052	135.7374	2.294	0.228979	16.579	9.6473	0.399	150.837	0.076	11.87488 ± 0.20617	37.76 ± 0.65	75.23	0.86	0.030 ± 0.001
		Σ	2.4049802	0.271	2695.3699	0.683	14.855772	1.527	1118.8823	0.024	16946.719	0.004					

Information on Analysis and Constants Used in Calculations

Project = **RURUTU (13-INT-08)**
Sample = **RR1310-D24-04**
Material = **Groundmass**
Location = **Rurutu Hotspot**
Region = **Samoa**
Analyst = **Kevin Konrad**
Irradiation = **14-OSU-02 (2A30-14)**
Position = **X: 0 | Y: 0 | Z/H: 35.6 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al. (2008)**
FCT-NM 40Ar/39Ar Ratio = **8.84537 ± 0.00840**
FCT-NM J-value = **0.00177691 ± 0.00000169**
Air Shot 40Ar/36Ar = **303.8610 ± 0.4467**
Air Shot MDF = **0.99311214 ± 0.00067891 (LIN)**
Experiment Type = **Incremental Heating**
Extraction Method = **Bulk Laser Heating**
Heating = **77 sec**
Isolation = **10.00 min**
Instrument = **ARGUS-VI-D**
Preferred Age = **Plateau Age**
Age Classification = **Eruption Age**
IGSN = **IEKK1-RR1310-D24-04GM**
Rock Class = **Igneous>Volcanic**
Lithology = **Basalt**
Lat-Lon = **10°22.0'S - 179°40.2'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) = **499.40 ± 6.49**
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		14.93917 ± 0.01885	**47.38 ± 0.11**	2.18	62.49	0.322 ± 0.009
Error Mean		± 0.13%	**± 0.23%**	0%	24	
		Full External Error	± 1.07	1.59	2σ Confidence Limit	
		Analytical Error	± 0.06	1.4759	Error Magnification	
Total Fusion Age		14.41289 ± 0.01120	**45.73 ± 0.09**		36	0.178 ± 0.002
		± 0.08%	**± 0.20%**			
		Full External Error	± 1.03			
		Analytical Error	± 0.04			
Normal Isochron	**502.23 ± 13.44**	14.92539 ± 0.02362	**47.33 ± 0.12**	2.34	62.49	
Error Chron	**± 2.68%**	± 0.16%	**± 0.24%**	0%	24	
		Full External Error	± 1.07	1.60	2σ Confidence Limit	
		Analytical Error	± 0.07	1.5301	Error Magnification	
				1	Number of Iterations	
				0.0000039359	Convergence	
Inverse Isochron	**499.39 ± 13.41**	14.93937 ± 0.02335	**47.38 ± 0.12**	2.35	62.49	
Error Chron	**± 2.69%**	± 0.16%	**± 0.24%**	0%	24	
		Full External Error	± 1.07	1.60	2σ Confidence Limit	
		Analytical Error	± 0.07	1.5316	Error Magnification	
				2	Number of Iterations	
				0.0000313557	Convergence	
				18%	Spreading Factor	

Notes
Excess Initial 40Ar/36Ar = 499.40 ± 1.30 (%SD). This plateau is the result of low temperature excess Ar that produced a intercerpt of 499.4 +/- 13.5 (n=24). After correcting for the intercept a nice plateau is produced.

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
14D27613	1.8 %	✓	0.2786390	44.7058	0.0000000	39.7899	594.136	47.35 ± 0.34	81.01	3.56	0.383 ± 0.052
14D27615	1.9 %	✓	0.0782099	24.5054	0.0000000	23.2299	347.019	47.37 ± 0.28	89.86	2.08	0.408 ± 0.099
14D27616	2.0 %	✓	0.0643057	29.3223	0.0203587	26.5085	395.953	47.37 ± 0.24	92.48	2.37	0.389 ± 0.080
14D27618	2.1 %	✓	0.0290797	14.9002	0.0000000	13.8497	205.692	47.10 ± 0.38	93.38	1.24	0.400 ± 0.161
14D27619	2.2 %	✓	0.0293541	21.3186	0.0424910	17.1955	257.339	47.46 ± 0.33	94.59	1.54	0.347 ± 0.101
14D27620	2.3 %	✓	0.0215737	14.7347	0.0246472	11.8438	175.761	47.07 ± 0.46	94.20	1.06	0.346 ± 0.140
14D27622	2.4 %	✓	0.0228587	19.4679	0.0271841	15.1644	226.653	47.40 ± 0.35	95.18	1.36	0.335 ± 0.101
14D27623	2.5 %	✓	0.0291725	31.4825	0.0000000	26.7371	403.298	47.83 ± 0.22	96.49	2.39	0.365 ± 0.073
14D27624	2.6 %	✓	0.0246081	30.9001	0.0000000	24.5864	367.284	47.37 ± 0.23	96.74	2.20	0.342 ± 0.068
14D27626	2.7 %	✓	0.0226695	37.8241	0.0000000	28.0438	419.949	47.49 ± 0.21	97.35	2.51	0.319 ± 0.053
14D27627	2.8 %	✓	0.0122705	21.2363	0.0024940	14.8935	223.047	47.49 ± 0.35	97.30	1.33	0.302 ± 0.083
14D27628	2.9 %	✓	0.0245392	38.5996	0.0000000	31.1921	466.628	47.44 ± 0.18	97.42	2.79	0.347 ± 0.052
14D27630	3.0 %	✓	0.0175604	38.3347	0.0000000	29.5608	439.611	47.16 ± 0.19	98.02	2.65	0.332 ± 0.051
14D27631	3.2 %	✓	0.0128418	24.1884	0.0000000	17.2637	257.357	47.28 ± 0.31	97.54	1.55	0.307 ± 0.075
14D27632	3.4 %	✓	0.0129411	21.2474	0.0008980	16.5506	247.909	47.50 ± 0.31	97.44	1.48	0.335 ± 0.091
14D27634	3.6 %	✓	0.0129471	34.4978	0.0290772	22.4975	335.746	47.33 ± 0.24	98.09	2.01	0.280 ± 0.050
14D27635	3.9 %	✓	0.0268610	74.2645	0.0000000	55.5176	831.308	47.48 ± 0.12	98.39	4.97	0.321 ± 0.026
14D27636	4.2 %	✓	0.0147845	31.4793	0.0000000	23.1636	345.652	47.32 ± 0.23	97.88	2.07	0.316 ± 0.057
14D27638	4.5 %	✓	0.0162226	26.9657	0.0000000	22.7186	337.384	47.10 ± 0.24	97.63	2.03	0.362 ± 0.078
14D27639	4.8 %	✓	0.0312814	109.5492	0.0000000	80.4336	1203.173	47.44 ± 0.10	98.69	7.20	0.316 ± 0.017
14D27640	5.1 %	✓	0.0210727	76.3736	0.0000000	55.7102	832.544	47.39 ± 0.12	98.73	4.99	0.314 ± 0.024
14D27642	5.4 %	✓	0.0212741	69.4562	0.0000000	52.1403	777.351	47.28 ± 0.13	98.63	4.67	0.323 ± 0.027
14D27643	5.8 %	✓	0.0104347	24.5391	0.0000000	19.0083	282.472	47.13 ± 0.29	98.16	1.70	0.333 ± 0.086
14D27644	6.2 %	✓	0.0163855	46.4882	0.0143379	30.5070	453.797	47.18 ± 0.18	98.20	2.73	0.282 ± 0.037
14D27646	6.8 %		0.0134474	34.6388	0.0005399	24.1882	356.544	46.75 ± 0.23	98.13	2.17	0.300 ± 0.053
14D27647	7.4 %		0.0236581	49.0236	0.0121167	36.0182	528.312	46.53 ± 0.16	97.79	3.22	0.316 ± 0.037
14D27648	8.3 %		0.0335337	69.6588	0.0194888	43.0473	623.157	45.93 ± 0.14	97.36	3.85	0.266 ± 0.022
14D27650	9.3 %		0.0631014	111.8743	0.0719346	61.4656	872.814	45.06 ± 0.12	96.49	5.50	0.236 ± 0.013
14D27651	10.4 %		0.0601616	126.1288	0.1282936	56.8131	793.814	44.35 ± 0.13	96.33	5.09	0.194 ± 0.010
14D27652	11.7 %		0.0759715	150.3756	0.0937497	50.7937	684.533	42.79 ± 0.14	94.72	4.55	0.145 ± 0.006
14D27654	13.5 %		0.0778664	150.9737	0.0928362	34.1560	443.644	41.26 ± 0.20	91.92	3.06	0.097 ± 0.004
14D27655	15.5 %		0.1130552	254.3045	0.1655636	39.8038	491.961	39.28 ± 0.20	89.68	3.56	0.067 ± 0.002
14D27656	17.6 %		0.1266041	312.5055	0.1268773	33.0083	400.915	38.61 ± 0.26	86.35	2.95	0.045 ± 0.001
14D27658	19.8 %		0.0922678	223.1534	0.1813480	17.8859	218.033	38.75 ± 0.40	82.53	1.60	0.034 ± 0.001
14D27659	22.1 %		0.0804557	170.6137	0.1317471	12.2191	145.819	37.94 ± 0.55	78.38	1.09	0.031 ± 0.001
14D27660	24.5 %		0.0747467	135.7374	0.0902986	9.5556	113.472	37.76 ± 0.65	75.23	0.86	0.030 ± 0.001
	Σ		1.6867569	2695.3699	1.2762823	1117.0613	16100.082				

Information on Analysis

Project = **RURUTU (13-INT-08)**
Sample = **RR1310-D24-04**
Material = **Groundmass**
Location = **Rurutu Hotspot**
Region = **Samoa**
Analyst = **Kevin Konrad**
Irradiation = **14-OSU-02 (2A30-14)**
J = **0.00177691 ± 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	14.93917	± 0.01885	**47.38**	**± 0.11**	2.18	62.49	0.322 ± 0.009
Error Mean		± 0.13%		**± 0.23%**	0%	24	
			Full External Error	± 1.07	1.59	2σ Confidence Limit	
			Analytical Error	± 0.06	1.4759	Error Magnification	
Total Fusion Age	14.41289	± 0.01120	**45.73**	**± 0.09**		36	0.178 ± 0.002
		± 0.08%		**± 0.20%**			
			Full External Error	± 1.03			
			Analytical Error	± 0.04			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
14D27613	1.8 %	✓	142.80 ± 1.96	2631.68 ± 35.58	0.9846
14D27615	1.9 %	✓	297.02 ± 10.65	4936.42 ± 176.19	0.9953
14D27616	2.0 %	✓	412.23 ± 17.28	6656.76 ± 278.30	0.9973
14D27618	2.1 %	✓	476.27 ± 39.56	7572.80 ± 627.68	0.9978
14D27619	2.2 %	✓	585.80 ± 50.80	9266.12 ± 802.48	0.9986
14D27620	2.3 %	✓	548.99 ± 63.41	8646.42 ± 997.19	0.9984
14D27622	2.4 %	✓	663.40 ± 69.72	10414.81 ± 1093.40	0.9988
14D27623	2.5 %	✓	916.52 ± 80.43	14323.99 ± 1256.26	0.9993
14D27624	2.6 %	✓	999.12 ± 103.53	15424.75 ± 1597.57	0.9995
14D27626	2.7 %	✓	1237.07 ± 135.95	19024.22 ± 2089.83	0.9996
14D27627	2.8 %	✓	1213.77 ± 233.82	18676.88 ± 3596.65	0.9996
14D27628	2.9 %	✓	1271.11 ± 127.72	19515.02 ± 1960.19	0.9996
14D27630	3.0 %	✓	1683.38 ± 233.57	25533.60 ± 3542.01	0.9998
14D27631	3.2 %	✓	1344.34 ± 252.63	20540.01 ± 3858.83	0.9997
14D27632	3.4 %	✓	1278.91 ± 235.69	19656.02 ± 3621.33	0.9997
14D27634	3.6 %	✓	1737.65 ± 330.13	26431.57 ± 5020.84	0.9998
14D27635	3.9 %	✓	2066.85 ± 196.66	31447.95 ± 2991.62	0.9998
14D27636	4.2 %	✓	1566.74 ± 253.64	23878.65 ± 3864.85	0.9998
14D27638	4.5 %	✓	1400.43 ± 206.94	21296.53 ± 3146.08	0.9997
14D27639	4.8 %	✓	2571.29 ± 224.57	38962.30 ± 3402.19	0.9998
14D27640	5.1 %	✓	2643.72 ± 331.30	40007.61 ± 5012.94	0.9999
14D27642	5.4 %	✓	2450.88 ± 299.56	37039.18 ± 4526.50	0.9999
14D27643	5.8 %	✓	1821.63 ± 435.47	27569.78 ± 6589.63	0.9998
14D27644	6.2 %	✓	1861.83 ± 285.10	28194.48 ± 4316.75	0.9998
14D27646	6.8 %		1798.72 ± 327.49	27013.33 ± 4917.40	0.9998
14D27647	7.4 %		1522.45 ± 159.91	22830.57 ± 2397.32	0.9997
14D27648	8.3 %		1283.70 ± 94.11	19082.43 ± 1398.41	0.9995
14D27650	9.3 %		974.08 ± 45.50	14331.34 ± 668.90	0.9992
14D27651	10.4 %		944.34 ± 45.30	13694.10 ± 656.37	0.9991
14D27652	11.7 %		668.59 ± 25.84	9509.78 ± 367.01	0.9986
14D27654	13.5 %		438.65 ± 17.14	6196.90 ± 241.61	0.9977
14D27655	15.5 %		352.07 ± 10.06	4850.91 ± 138.17	0.9963
14D27656	17.6 %		260.72 ± 7.84	3666.08 ± 109.83	0.9960
14D27658	19.8 %		193.85 ± 7.03	2862.45 ± 103.10	0.9926
14D27659	22.1 %		151.87 ± 6.04	2311.82 ± 90.72	0.9865
14D27660	24.5 %		127.84 ± 5.01	2017.49 ± 77.40	0.9778

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	**502.23 ± 13.44**	14.92539 ± 0.02362	**47.33 ± 0.12**	2.34
Error Chron	**± 2.68%**	± 0.16%	**± 0.24%**	0%
			Full External Error ± 1.07	
			Analytical Error ± 0.07	

Statistics				
	2σ Confidence Limit	1.60	Convergence	0.000003935877
	Error Magnification	1.5301	Number of Iterations	1
	Number of Data Points	24	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
14D27613	1.8 %	✓	0.0542622 ± 0.0001300	0.00037999 ± 0.00000514	0.0038
14D27615	1.9 %	✓	0.0601691 ± 0.0002094	0.00020258 ± 0.00000723	0.0030
14D27616	2.0 %	✓	0.0619260 ± 0.0001921	0.00015022 ± 0.00000628	0.0024
14D27618	2.1 %	✓	0.0628920 ± 0.0003431	0.00013205 ± 0.00001095	0.0025
14D27619	2.2 %	✓	0.0632191 ± 0.0002944	0.00010792 ± 0.00000935	0.0018
14D27620	2.3 %	✓	0.0634938 ± 0.0004184	0.00011565 ± 0.00001334	0.0020
14D27622	2.4 %	✓	0.0636974 ± 0.0003238	0.00009602 ± 0.00001008	0.0018
14D27623	2.5 %	✓	0.0639849 ± 0.0002087	0.00006981 ± 0.00000612	0.0012
14D27624	2.6 %	✓	0.0647736 ± 0.0002171	0.00006483 ± 0.00000671	0.0011
14D27626	2.7 %	✓	0.0650260 ± 0.0002070	0.00005256 ± 0.00000577	0.0009
14D27627	2.8 %	✓	0.0649877 ± 0.0003473	0.00005354 ± 0.00001031	0.0010
14D27628	2.9 %	✓	0.0651351 ± 0.0001751	0.00005124 ± 0.00000515	0.0010
14D27630	3.0 %	✓	0.0659278 ± 0.0001948	0.00003916 ± 0.00000543	0.0007
14D27631	3.2 %	✓	0.0654497 ± 0.0002953	0.00004869 ± 0.00000915	0.0010
14D27632	3.4 %	✓	0.0650647 ± 0.0003008	0.00005087 ± 0.00000937	0.0010
14D27634	3.6 %	✓	0.0657414 ± 0.0002293	0.00003783 ± 0.00000719	0.0007
14D27635	3.9 %	✓	0.0657230 ± 0.0001302	0.00003180 ± 0.00000302	0.0005
14D27636	4.2 %	✓	0.0656127 ± 0.0002278	0.00004188 ± 0.00000678	0.0008
14D27638	4.5 %	✓	0.0657586 ± 0.0002427	0.00004696 ± 0.00000694	0.0009
14D27639	4.8 %	✓	0.0659943 ± 0.0001116	0.00002567 ± 0.00000224	0.0004
14D27640	5.1 %	✓	0.0660803 ± 0.0001311	0.00002500 ± 0.00000313	0.0004
14D27642	5.4 %	✓	0.0661700 ± 0.0001368	0.00002700 ± 0.00000330	0.0004
14D27643	5.8 %	✓	0.0660736 ± 0.0002814	0.00003627 ± 0.00000867	0.0006
14D27644	6.2 %	✓	0.0660354 ± 0.0001833	0.00003547 ± 0.00000543	0.0007
14D27646	6.8 %		0.0665864 ± 0.0002335	0.00003702 ± 0.00000674	0.0007
14D27647	7.4 %		0.0666847 ± 0.0001715	0.00004380 ± 0.00000460	0.0007
14D27648	8.3 %		0.0672714 ± 0.0001509	0.00005240 ± 0.00000384	0.0009
14D27650	9.3 %		0.0679684 ± 0.0001287	0.00006978 ± 0.00000326	0.0010
14D27651	10.4 %		0.0689598 ± 0.0001377	0.00007302 ± 0.00000350	0.0010
14D27652	11.7 %		0.0703053 ± 0.0001414	0.00010515 ± 0.00000406	0.0016
14D27654	13.5 %		0.0707851 ± 0.0001873	0.00016137 ± 0.00000629	0.0024
14D27655	15.5 %		0.0725790 ± 0.0001777	0.00020615 ± 0.00000587	0.0028
14D27656	17.6 %		0.0711170 ± 0.0001914	0.00027277 ± 0.00000817	0.0034
14D27658	19.8 %		0.0677209 ± 0.0002976	0.00034935 ± 0.00001258	0.0049
14D27659	22.1 %		0.0656946 ± 0.0004283	0.00043256 ± 0.00001698	0.0059
14D27660	24.5 %		0.0633661 ± 0.0005205	0.00049567 ± 0.00001902	0.0074

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	**499.39 ± 13.41**	14.93937 ± 0.02335	**47.38 ± 0.12**	2.35
Error Chron	**± 2.69%**	± 0.16%	**± 0.24%**	0%
			Full External Error ± 1.07	
			Analytical Error ± 0.07	

Statistics				
	2σ Confidence Limit	1.60	Convergence	0.0000313557
	Error Magnification	1.5316	Number of Iterations	2
	Number of Data Points	24	Calculated Line	Weighted York-2
	Spreading Factor	17.8%		

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]	%1σ
14D27613	1.8 %	✓	0.2786390	0.68	0.0000000	0.00	0.0119052	6.85	0.0000000	0.00	44.7058	6.85	0.0520776	0.68	0.0000000	0.00	0.478712	0.20	0.0032099	14.54	0.0000000	0.00	39.7899	0.12	0.0302033	6.98	594.136	0.34	139.15230	1.47	0.0000000	0.00	0.1521167	2.66
14D27615	1.9 %	✓	0.0782099	1.78	0.0000000	0.00	0.0065258	12.09	0.0000000	0.00	24.5054	12.09	0.0146174	1.78	0.0000000	0.00	0.279479	0.23	0.0017595	17.62	0.0000000	0.00	23.2299	0.17	0.0165559	12.17	347.019	0.25	39.05803	2.21	0.0000000	0.00	0.0888080	2.67
14D27616	2.0 %	✓	0.0643057	2.09	0.0000000	0.00	0.0078085	10.30	0.0000071	186.76	29.3223	10.30	0.0120187	2.09	0.0000000	0.00	0.318924	0.22	0.0021053	16.45	0.0203587	186.76	26.5085	0.15	0.0198102	10.39	395.953	0.20	32.11424	2.46	0.0000000	0.00	0.1013420	2.66
14D27618	2.1 %	✓	0.0290797	4.14	0.0000000	0.00	0.0039679	20.10	0.0000000	0.00	14.9002	20.10	0.0054350	4.14	0.0000000	0.00	0.166626	0.31	0.0010698	23.84	0.0000000	0.00	13.8497	0.27	0.0100666	20.14	205.692	0.31	14.52240	4.34	0.0000000	0.00	0.0529475	2.67
14D27619	2.2 %	✓	0.0293541	4.33	0.0000000	0.00	0.0056771	14.56	0.0000148	85.40	21.3186	14.56	0.0054863	4.33	0.0000000	0.00	0.206879	0.28	0.0015307	19.40	0.0424910	85.40	17.1955	0.23	0.0144028	14.62	257.339	0.26	14.65943	4.52	0.0000000	0.00	0.0657384	2.67
14D27620	2.3 %	✓	0.0215737	5.77	0.0000000	0.00	0.0039239	20.23	0.0000086	155.08	14.7347	20.23	0.0040321	5.77	0.0000000	0.00	0.142493	0.36	0.0010580	23.95	0.0246472	155.08	11.8438	0.32	0.0099548	20.28	175.761	0.37	10.77391	5.91	0.0000000	0.00	0.0452790	2.68
14D27622	2.4 %	✓	0.0228587	5.25	0.0000000	0.00	0.0051843	15.08	0.0000095	141.13	19.4679	15.08	0.0042723	5.25	0.0000000	0.00	0.182442	0.30	0.0013978	19.79	0.0271841	141.13	15.1644	0.25	0.0131525	15.13	226.653	0.28	11.41563	5.41	0.0000000	0.00	0.0579734	2.67
14D27623	2.5 %	✓	0.0291725	4.39	0.0000000	0.00	0.0083838	10.04	0.0000000	0.00	31.4825	10.03	0.0054523	4.39	0.0000000	0.00	0.321674	0.23	0.0022604	16.28	0.0000000	0.00	26.7371	0.16	0.0212696	10.12	403.298	0.17	14.56874	4.57	0.0000000	0.00	0.1022161	2.66
14D27624	2.6 %	✓	0.0246081	5.18	0.0000000	0.00	0.0082287	10.01	0.0000000	0.00	30.9001	10.01	0.0045992	5.18	0.0000000	0.00	0.295798	0.23	0.0022186	16.26	0.0000000	0.00	24.5864	0.16	0.0208761	10.09	367.284	0.18	12.28927	5.34	0.0000000	0.00	0.0939936	2.67
14D27626	2.7 %	✓	0.0226695	5.49	0.0000000	0.00	0.0100726	8.28	0.0000000	0.00	37.8241	8.28	0.0042369	5.49	0.0000000	0.00	0.337395	0.22	0.0027158	15.26	0.0000000	0.00	28.0438	0.16	0.0255540	8.39	419.949	0.15	11.32116	5.64	0.0000000	0.00	0.1072114	2.66
14D27627	2.8 %	✓	0.0122705	9.63	0.0000000	0.00	0.0056552	13.83	0.0000009	######	21.2363	13.83	0.0022934	9.63	0.0000000	0.00	0.179184	0.31	0.0015248	18.86	0.0024940	######	14.8935	0.26	0.0143472	13.89	223.047	0.27	6.12789	9.72	0.0000000	0.00	0.0569380	2.67
14D27628	2.9 %	✓	0.0245392	5.02	0.0000000	0.00	0.0102791	7.53	0.0000000	0.00	38.5996	7.52	0.0045864	5.02	0.0000000	0.00	0.375272	0.21	0.0027715	14.87	0.0000000	0.00	31.1921	0.13	0.0260779	7.64	466.628	0.14	12.25487	5.19	0.0000000	0.00	0.1192473	2.66
14D27630	3.0 %	✓	0.0175604	6.94	0.0000000	0.00	0.0102085	7.77	0.0000000	0.00	38.3347	7.76	0.0032820	6.94	0.0000000	0.00	0.355646	0.22	0.0027524	14.99	0.0000000	0.00	29.5608	0.15	0.0258990	7.88	439.611	0.14	8.76968	7.06	0.0000000	0.00	0.1130109	2.66
14D27631	3.2 %	✓	0.0128418	9.39	0.0000000	0.00	0.0064414	12.23	0.0000000	0.00	24.1884	12.23	0.0024001	9.39	0.0000000	0.00	0.207700	0.27	0.0017367	17.72	0.0000000	0.00	17.2637	0.22	0.0163417	12.30	257.357	0.24	6.41319	9.48	0.0000000	0.00	0.0659991	2.67
14D27632	3.4 %	✓	0.0129411	9.21	0.0000000	0.00	0.0056582	13.53	0.0000003	######	21.2474	13.53	0.0024187	9.21	0.0000000	0.00	0.199120	0.28	0.0015256	18.64	0.0008980	######	16.5506	0.23	0.0143547	13.59	247.909	0.25	6.46280	9.30	0.0000000	0.00	0.0632730	2.67
14D27634	3.6 %	✓	0.0129471	9.50	0.0000000	0.00	0.0091868	8.95	0.0000102	127.24	34.4978	8.95	0.0024198	9.50	0.0000000	0.00	0.270667	0.23	0.0024769	15.63	0.0290772	127.24	22.4975	0.17	0.0233067	9.05	335.746	0.19	6.46578	9.59	0.0000000	0.00	0.0860080	2.67
14D27635	3.9 %	✓	0.0268610	4.76	0.0000000	0.00	0.0197766	4.11	0.0000000	0.00	74.2645	4.10	0.0050203	4.76	0.0000000	0.00	0.667932	0.19	0.0053322	13.46	0.0000000	0.00	55.5176	0.10	0.0501731	4.31	831.308	0.08	13.41436	4.93	0.0000000	0.00	0.2122439	2.66
14D27636	4.2 %	✓	0.0147845	8.09	0.0000000	0.00	0.0083829	8.95	0.0000000	0.00	31.4793	8.95	0.0027632	8.09	0.0000000	0.00	0.278681	0.23	0.0022602	15.64	0.0000000	0.00	23.1636	0.17	0.0212674	9.05	345.652	0.18	7.38340	8.20	0.0000000	0.00	0.0885544	2.67
14D27638	4.5 %	✓	0.0162226	7.39	0.0000000	0.00	0.0071810	10.80	0.0000000	0.00	26.9657	10.79	0.0030320	7.39	0.0000000	0.00	0.273328	0.24	0.0019361	16.76	0.0000000	0.00	22.7186	0.18	0.0182180	10.87	337.384	0.18	8.10157	7.50	0.0000000	0.00	0.0868534	2.67
14D27639	4.8 %	✓	0.0312814	4.37	0.0000000	0.00	0.0291730	2.67	0.0000000	0.00	109.5492	2.66	0.0058465	4.37	0.0000000	0.00	0.967696	0.18	0.0078656	13.09	0.0000000	0.00	80.4336	0.08	0.0740115	2.97	1203.173	0.06	15.62193	4.56	0.0000000	0.00	0.3074975	2.66
14D27640	5.1 %	✓	0.0210727	6.26	0.0000000	0.00	0.0203383	3.90	0.0000000	0.00	76.3736	3.90	0.0039385	6.26	0.0000000	0.00	0.670249	0.19	0.0054836	13.40	0.0000000	0.00	55.7102	0.10	0.0515980	4.12	832.544	0.08	10.52370	6.40	0.0000000	0.00	0.2129801	2.66
14D27642	5.4 %	✓	0.0212741	6.11	0.0000000	0.00	0.0184962	4.12	0.0000000	0.00	69.4562	4.12	0.0039761	6.11	0.0000000	0.00	0.627300	0.19	0.0049870	13.47	0.0000000	0.00	52.1403	0.10	0.0469246	4.33	777.351	0.09	10.62429	6.25	0.0000000	0.00	0.1993325	2.66
14D27643	5.8 %	✓	0.0104347	11.95	0.0000000	0.00	0.0065347	12.84	0.0000000	0.00	24.5391	12.84	0.0019503	11.95	0.0000000	0.00	0.228688	0.26	0.0017619	18.14	0.0000000	0.00	19.0083	0.21	0.0165786	12.91	282.472	0.23	5.21110	12.02	0.0000000	0.00	0.0726686	2.67
14D27644	6.2 %	✓	0.0163855	7.66	0.0000000	0.00	0.0123798	6.61	0.0000050	270.66	46.4882	6.61	0.0030624	7.66	0.0000000	0.00	0.367030	0.21	0.0033379	14.42	0.0143379	270.67	30.5070	0.14	0.0314074	6.74	453.797	0.14	8.18290	7.76	0.0000000	0.00	0.1166284	2.66
14D27646	6.8 %		0.0134474	9.10	0.0000000	0.00	0.0092243	8.75	0.0000002	######	34.6388	8.75	0.0025133	9.10	0.0000000	0.00	0.291008	0.24	0.0024871	15.52	0.0005399	######	24.1882	0.17	0.0234020	8.85	356.544	0.18	6.71565	9.19	0.0000000	0.00	0.0924715	2.67
14D27647	7.4 %		0.0236581	5.25	0.0000000	0.00	0.0130550	5.81	0.0000042	294.57	49.0236	5.80	0.0044217	5.25	0.0000000	0.00	0.433335	0.20	0.0035199	14.07	0.0121167	294.57	36.0182	0.13	0.0331204	5.95	528.312	0.12	11.81484	5.41	0.0000000	0.00	0.1376977	2.66
14D27648	8.3 %		0.0335337	3.66	0.0000000	0.00	0.0185501	4.08	0.0000068	195.14	69.6588	4.08	0.0062674	3.66	0.0000000	0.00	0.517902	0.19	0.0050015	13.45	0.0194888	195.14	43.0473	0.11	0.0470615	4.29	623.157	0.11	16.74672	3.89	0.0000000	0.00	0.1645697	2.66
14D27650	9.3 %		0.0631014	2.33	0.0000000	0.00	0.0297921	2.83	0.0000252	50.35	111.8743	2.82	0.0117936	2.33	0.0000000	0.00	0.739493	0.19	0.0080326	13.13	0.0719346	50.36	61.4656	0.09	0.0755823	3.12	872.814	0.10	31.51282	2.67	0.0000000	0.00	0.2349831	2.66
14D27651	10.4 %		0.0601616	2.40	0.0000000	0.00	0.0335881	2.48	0.0000449	28.83	126.1288	2.48	0.0112442	2.40	0.0000000	0.00	0.683519	0.19	0.0090560	13.06	0.1282936	28.84	56.8131	0.10	0.0852126	2.81	793.814	0.10	30.04469	2.73	0.0000000	0.00	0.2171966	2.66
14D27652	11.7 %		0.0759715	1.93	0.0000000	0.00	0.0400450	2.09	0.0000328	42.55	150.3756	2.09	0.0141991	1.93	0.0000000	0.00	0.611099	0.19	0.0107970	12.99	0.0937497	42.56	50.7937	0.10	0.1015938	2.47	684.533	0.13	37.94018	2.33	0.0000000	0.00	0.1941843	2.66
14D27654	13.5 %		0.0778664	1.95	0.0000000	0.00	0.0402043	2.10	0.0000325	40.45	150.9737	2.09	0.0145532	1.95	0.0000000	0.00	0.410930	0.21	0.0108399	12.99	0.0928362	40.46	34.1560	0.13	0.1019978	2.48	443.644	0.21	38.88649	2.34	0.0000000	0.00	0.1305782	2.66
14D27655	15.5 %		0.1130552	1.42	0.0000000	0.00	0.0677213	1.36	0.0000579	22.79	254.3045	1.36	0.0211300	1.42	0.0000000	0.00	0.478880	0.20	0.0182591	12.89	0.1655636	22.81	39.8038	0.12	0.1718081	1.89	491.961	0.22	56.45978	1.93	0.0000000	0.00	0.1521700	2.66
14D27656	17.6 %		0.1266041	1.50	0.0000000	0.00	0.0832202	1.19	0.0000444	29.22	312.5055	1.18	0.0236623	1.50	0.0000000	0.00	0.397123	0.21	0.0224379	12.87	0.1268773	29.24	33.0083	0.13	0.2111287	1.77	400.915	0.31	63.22607	1.98	0.0000000	0.00	0.1261908	2.66
14D27658	19.8 %		0.0922678	1.80	0.0000000	0.00	0.0594258	1.49	0.0000634	20.88	223.1534	1.48	0.0172448	1.80	0.0000000	0.00	0.215185	0.27	0.0160224	12.91	0.1813480	20.90	17.8859	0.22	0.1507625	1.98	218.033	0.47	46.07853	2.22	0.0000000	0.00	0.0683778	2.67
14D27659	22.1 %		0.0804557	1.96	0.0000000	0.00	0.0454344	1.99	0.0000461	29.08	170.6137	1.98	0.0150372	1.96	0.0000000	0.00	0.147008	0.36	0.0122501	12.97	0.1317471	29.10	12.2191	0.32	0.1152666	2.38	145.819	0.65	40.17955	2.35	0.0000000	0.00	0.0467137	2.68
14D27660	24.5 %		0.0747467	1.92	0.0000000	0.00	0.0361469	2.30	0.0000316	42.08	135.7374	2.29	0.0139702	1.92	0.0000000	0.00	0.114964	0.43	0.0097459	13.02	0.0902986	42.09	9.5556	0.40	0.0917042	2.65	113.472	0.77	37.32848	2.32	0.0000000	0.00	0.0365312	2.69
		Σ	1.6867569	0.48	0.0000000	0.00	0.7177770	0.68	0.0004463	13.21	2695.3699	0.68	0.3152549	0.48	0.0000000	0.00	13.439365	0.04	0.1935276	3.04	1.2762823	13.22	1117.0613	0.02	1.8209919	0.75	16100.082	0.03	842.36640	0.58	0.0000000	0.00	4.2705255	0.50
		Σ							2.4049802	0.40	2695.3699	0.68									15.224430	1.11			1118.8823	0.02							16946.719	0.04

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
14D27613	1.8 %	✓	18.418863	0.022019	1.122696	0.076937	0.007296	0.000043	214.899	69.906530	1.00151836	3.521E-11
14D27615	1.9 %	✓	16.611815	0.028852	1.054157	0.127494	0.003645	0.000050	214.922	69.937221	1.00151852	1.854E-11
14D27616	2.0 %	✓	16.140067	0.024978	1.105322	0.113890	0.002719	0.000041	214.933	69.953531	1.00151860	2.055E-11
14D27618	2.1 %	✓	15.892549	0.043254	1.075068	0.216116	0.002384	0.000065	214.956	69.985203	1.00151877	1.057E-11
14D27619	2.2 %	✓	15.808579	0.036729	1.238737	0.180361	0.002036	0.000056	214.967	70.000564	1.00151884	1.306E-11
14D27620	2.3 %	✓	15.740166	0.051748	1.243038	0.251524	0.002152	0.000081	214.979	70.016889	1.00151893	8.956E-12
14D27622	2.4 %	✓	15.689448	0.039791	1.282678	0.193418	0.001848	0.000060	215.001	70.047628	1.00151908	1.143E-11
14D27623	2.5 %	✓	15.620091	0.025429	1.176545	0.118070	0.001404	0.000036	215.013	70.063964	1.00151917	2.006E-11
14D27624	2.6 %	✓	15.429104	0.025799	1.255733	0.125688	0.001334	0.000040	215.024	70.079343	1.00151925	1.822E-11
14D27626	2.7 %	✓	15.368274	0.024410	1.347524	0.111642	0.001166	0.000033	215.047	70.111071	1.00151941	2.071E-11
14D27627	2.8 %	✓	15.376541	0.040999	1.424501	0.197056	0.001202	0.000059	215.059	70.127422	1.00151949	1.100E-11
14D27628	2.9 %	✓	15.343701	0.020582	1.236449	0.093051	0.001115	0.000031	215.070	70.142814	1.00151957	2.299E-11
14D27630	3.0 %	✓	15.158642	0.022353	1.295675	0.100616	0.000939	0.000031	215.093	70.174572	1.00151973	2.153E-11
14D27631	3.2 %	✓	15.268275	0.034362	1.399790	0.171211	0.001116	0.000053	215.104	70.189974	1.00151981	1.266E-11
14D27632	3.4 %	✓	15.359809	0.035433	1.282672	0.173556	0.001123	0.000055	215.116	70.206343	1.00151989	1.221E-11
14D27634	3.6 %	✓	15.199187	0.026442	1.531820	0.137116	0.000983	0.000041	215.139	70.238129	1.00152006	1.643E-11
14D27635	3.9 %	✓	15.205465	0.015036	1.336467	0.054866	0.000839	0.000018	215.150	70.253546	1.00152013	4.056E-11
14D27636	4.2 %	✓	15.230786	0.026391	1.357752	0.121569	0.000999	0.000040	215.161	70.268966	1.00152021	1.695E-11
14D27638	4.5 %	✓	15.198768	0.027993	1.185992	0.128039	0.001029	0.000040	215.184	70.300780	1.00152038	1.659E-11
14D27639	4.8 %	✓	15.142706	0.012781	1.360732	0.036280	0.000751	0.000014	215.196	70.317175	1.00152046	5.852E-11
14D27640	5.1 %	✓	15.122911	0.014979	1.369640	0.053416	0.000743	0.000019	215.207	70.332609	1.00152054	4.048E-11
14D27642	5.4 %	✓	15.102817	0.015592	1.330903	0.054842	0.000762	0.000020	215.230	70.364453	1.00152070	3.783E-11
14D27643	5.8 %	✓	15.125265	0.032132	1.289843	0.165642	0.000892	0.000049	215.241	70.379897	1.00152078	1.381E-11
14D27644	6.2 %	✓	15.131635	0.020952	1.522284	0.100657	0.000942	0.000031	215.253	70.396310	1.00152086	2.218E-11
14D27646	6.8 %		15.007375	0.026252	1.430672	0.125257	0.000936	0.000038	215.276	70.428182	1.00152102	1.744E-11
14D27647	7.4 %		14.985977	0.019239	1.359828	0.078956	0.001018	0.000027	215.287	70.443641	1.00152110	2.593E-11
14D27648	8.3 %		14.852738	0.016630	1.616426	0.065948	0.001209	0.000022	215.298	70.459102	1.00152118	3.072E-11
14D27650	9.3 %		14.698471	0.013890	1.817876	0.051377	0.001510	0.000020	215.321	70.491003	1.00152134	4.342E-11
14D27651	10.4 %		14.483299	0.014425	2.216739	0.054909	0.001648	0.000021	215.333	70.507442	1.00152143	3.956E-11
14D27652	11.7 %		14.199096	0.014238	2.954608	0.061749	0.002280	0.000024	215.344	70.522918	1.00152150	3.469E-11
14D27654	13.5 %		14.089011	0.018555	4.406969	0.092453	0.003447	0.000037	215.367	70.554847	1.00152167	2.317E-11
14D27655	15.5 %		13.722676	0.016687	6.361488	0.086643	0.004524	0.000033	215.378	70.570333	1.00152174	2.633E-11
14D27656	17.6 %		13.975768	0.018622	9.407306	0.111857	0.006318	0.000049	215.390	70.586791	1.00152183	2.228E-11
14D27658	19.8 %		14.646862	0.031828	12.372219	0.185090	0.008414	0.000080	215.412	70.618750	1.00152199	1.268E-11
14D27659	22.1 %		15.083494	0.048611	13.832359	0.277636	0.010210	0.000110	215.424	70.634250	1.00152207	8.930E-12
14D27660	24.5 %		15.635090	0.063500	14.069926	0.327559	0.011498	0.000129	215.435	70.650722	1.00152215	7.240E-12

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
14D27613	1.8 %	0.0245487 ± 0.0006792	0.0150362 ± 0.0291586	0.2861068 ± 0.0259774	0.0034156 ± 0.0243986	7.5462971 ± 0.1074930
14D27615	1.9 %	0.0247427 ± 0.0006792	0.0169558 ± 0.0291586	0.2874361 ± 0.0259774	0.0028629 ± 0.0243986	7.5311649 ± 0.1074930
14D27616	2.0 %	0.0248046 ± 0.0006792	0.0195138 ± 0.0291586	0.2875745 ± 0.0259774	0.0020316 ± 0.0243986	7.5171396 ± 0.1074930
14D27618	2.1 %	0.0248573 ± 0.0006792	0.0265200 ± 0.0291586	0.2869295 ± 0.0259774	0.0003420 ± 0.0243986	7.4809715 ± 0.1074930
14D27619	2.2 %	0.0248556 ± 0.0006792	0.0305399 ± 0.0291586	0.2862595 ± 0.0259774	0.0017481 ± 0.0243986	7.4602175 ± 0.1074930
14D27620	2.3 %	0.0248377 ± 0.0006792	0.0350320 ± 0.0291586	0.2853448 ± 0.0259774	0.0033558 ± 0.0243986	7.4365505 ± 0.1074930
14D27622	2.4 %	0.0247675 ± 0.0006792	0.0435611 ± 0.0291586	0.2831941 ± 0.0259774	0.0065310 ± 0.0243986	7.3892093 ± 0.1074930
14D27623	2.5 %	0.0247150 ± 0.0006792	0.0478719 ± 0.0291586	0.2818948 ± 0.0259774	0.0082158 ± 0.0243986	7.3634322 ± 0.1074930
14D27624	2.6 %	0.0246586 ± 0.0006792	0.0516488 ± 0.0291586	0.2806148 ± 0.0259774	0.0097556 ± 0.0243986	7.3392613 ± 0.1074930
14D27626	2.7 %	0.0245275 ± 0.0006792	0.0582210 ± 0.0291586	0.2779240 ± 0.0259774	0.0126744 ± 0.0243986	7.2910273 ± 0.1074930
14D27627	2.8 %	0.0244557 ± 0.0006792	0.0608131 ± 0.0291586	0.2765728 ± 0.0259774	0.0139919 ± 0.0243986	7.2676589 ± 0.1074930
14D27628	2.9 %	0.0243874 ± 0.0006792	0.0626860 ± 0.0291586	0.2753589 ± 0.0259774	0.0150907 ± 0.0243986	7.2469274 ± 0.1074930
14D27630	3.0 %	0.0242494 ± 0.0006792	0.0646663 ± 0.0291586	0.2731359 ± 0.0259774	0.0168689 ± 0.0243986	7.2089098 ± 0.1074930
14D27631	3.2 %	0.0241862 ± 0.0006792	0.0646753 ± 0.0291586	0.2722401 ± 0.0259774	0.0174769 ± 0.0243986	7.1931248 ± 0.1074930
14D27632	3.4 %	0.0241231 ± 0.0006792	0.0639990 ± 0.0291586	0.2714501 ± 0.0259774	0.0179349 ± 0.0243986	7.1784511 ± 0.1074930
14D27634	3.6 %	0.0240159 ± 0.0006792	0.0607354 ± 0.0291586	0.2704760 ± 0.0259774	0.0182758 ± 0.0243986	7.1565562 ± 0.1074930
14D27635	3.9 %	0.0239725 ± 0.0006792	0.0582895 ± 0.0291586	0.2703065 ± 0.0259774	0.0181922 ± 0.0243986	7.1492001 ± 0.1074930
14D27636	4.2 %	0.0239355 ± 0.0006792	0.0553409 ± 0.0291586	0.2703563 ± 0.0259774	0.0179593 ± 0.0243986	7.1440105 ± 0.1074930
14D27638	4.5 %	0.0238808 ± 0.0006792	0.0479433 ± 0.0291586	0.2712130 ± 0.0259774	0.0170717 ± 0.0243986	7.1400968 ± 0.1074930
14D27639	4.8 %	0.0238644 ± 0.0006792	0.0436200 ± 0.0291586	0.2720796 ± 0.0259774	0.0164445 ± 0.0243986	7.1415460 ± 0.1074930
14D27640	5.1 %	0.0238565 ± 0.0006792	0.0393656 ± 0.0291586	0.2731756 ± 0.0259774	0.0157823 ± 0.0243986	7.1449505 ± 0.1074930
14D27642	5.4 %	0.0238627 ± 0.0006792	0.0305104 ± 0.0291586	0.2763353 ± 0.0259774	0.0143216 ± 0.0243986	7.1577037 ± 0.1074930
14D27643	5.8 %	0.0238763 ± 0.0006792	0.0264417 ± 0.0291586	0.2783200 ± 0.0259774	0.0136364 ± 0.0243986	7.1663495 ± 0.1074930
14D27644	6.2 %	0.0238978 ± 0.0006792	0.0224943 ± 0.0291586	0.2807624 ± 0.0259774	0.0129815 ± 0.0243986	7.1770172 ± 0.1074930
14D27646	6.8 %	0.0239580 ± 0.0006792	0.0166486 ± 0.0291586	0.2865061 ± 0.0259774	0.0121152 ± 0.0243986	7.2010797 ± 0.1074930
14D27647	7.4 %	0.0239947 ± 0.0006792	0.0150482 ± 0.0291586	0.2897741 ± 0.0259774	0.0119869 ± 0.0243986	7.2137933 ± 0.1074930
14D27648	8.3 %	0.0240352 ± 0.0006792	0.0145124 ± 0.0291586	0.2933600 ± 0.0259774	0.0121190 ± 0.0243986	7.2267936 ± 0.1074930
14D27650	9.3 %	0.0241271 ± 0.0006792	0.0176648 ± 0.0291586	0.3017600 ± 0.0259774	0.0134563 ± 0.0243986	7.2530876 ± 0.1074930
14D27651	10.4 %	0.0241764 ± 0.0006792	0.0220392 ± 0.0291586	0.3066116 ± 0.0259774	0.0148443 ± 0.0243986	7.2655235 ± 0.1074930
14D27652	11.7 %	0.0242224 ± 0.0006792	0.0282046 ± 0.0291586	0.3114993 ± 0.0259774	0.0166777 ± 0.0243986	7.2759716 ± 0.1074930
14D27654	13.5 %	0.0243100 ± 0.0006792	0.0483141 ± 0.0291586	0.3225440 ± 0.0259774	0.0223799 ± 0.0243986	7.2917618 ± 0.1074930
14D27655	15.5 %	0.0243459 ± 0.0006792	0.0622152 ± 0.0291586	0.3283533 ± 0.0259774	0.0262314 ± 0.0243986	7.2956434 ± 0.1074930
14D27656	17.6 %	0.0243769 ± 0.0006792	0.0803899 ± 0.0291586	0.3348391 ± 0.0259774	0.0312208 ± 0.0243986	7.2963029 ± 0.1074930
14D27658	19.8 %	0.0244085 ± 0.0006792	0.1270431 ± 0.0291586	0.3483089 ± 0.0259774	0.0439196 ± 0.0243986	7.2849677 ± 0.1074930
14D27659	22.1 %	0.0244061 ± 0.0006792	0.1557444 ± 0.0291586	0.3552345 ± 0.0259774	0.0516957 ± 0.0243986	7.2722549 ± 0.1074930
14D27660	24.5 %	0.0243880 ± 0.0006792	0.1910991 ± 0.0291586	0.3628565 ± 0.0259774	0.0612570 ± 0.0243986	7.2526574 ± 0.1074930

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)
14D27613	1.8 %	0.3015855 ± 0.0012490	0.0957	EXP 150 of 150	0.6112773 ± 0.0312288	0.0047	EXP 150 of 150	0.1983575 ± 0.0267408	0.0008	EXP 150 of 150	39.4897919 ± 0.0293150	0.9869	EXP 150 of 150	742.91030 ± 0.07039	0.9994	EXP 150 of 150
14D27615	1.9 %	0.1055390 ± 0.0008319	0.2611	EXP 150 of 150	0.3262061 ± 0.0294468	0.0069	EXP 150 of 150	0.0018483 ± 0.0304012	0.0026	EXP 150 of 150	23.0545174 ± 0.0266626	0.9682	EXP 149 of 150	394.70992 ± 0.04856	0.9986	EXP 150 of 150
14D27616	2.0 %	0.0935730 ± 0.0007455	0.3809	EXP 150 of 150	0.3910061 ± 0.0305228	0.0002	EXP 150 of 150	0.0609644 ± 0.0270215	0.0043	EXP 150 of 150	26.3080202 ± 0.0261829	0.9761	EXP 150 of 150	436.80871 ± 0.05401	0.9987	EXP 150 of 150
14D27618	2.1 %	0.0563685 ± 0.0005223	0.5908	EXP 150 of 150	0.1819926 ± 0.0300775	0.0030	EXP 150 of 150	0.1404161 ± 0.0250927	0.0034	EXP 150 of 150	13.7433087 ± 0.0257582	0.9271	EXP 150 of 150	228.32625 ± 0.04448	0.9934	EXP 150 of 150
14D27619	2.2 %	0.0582724 ± 0.0006144	0.4943	EXP 150 of 150	0.2677246 ± 0.0321186	0.0084	EXP 149 of 150	0.0334037 ± 0.0245941	0.0172	EXP 150 of 150	17.0639332 ± 0.0280635	0.9324	EXP 150 of 150	280.23797 ± 0.04627	0.9967	EXP 150 of 150
14D27620	2.3 %	0.0491581 ± 0.0006065	0.4751	EXP 150 of 150	0.1710708 ± 0.0297793	0.0101	EXP 150 of 150	0.1154866 ± 0.0273049	0.0198	EXP 150 of 150	11.7510866 ± 0.0279500	0.8791	EXP 150 of 150	194.50643 ± 0.04192	0.9890	EXP 150 of 150
14D27622	2.4 %	0.0515158 ± 0.0005351	0.5472	EXP 150 of 150	0.2286277 ± 0.0288247	0.0020	EXP 150 of 150	0.0708628 ± 0.0274952	0.0174	EXP 150 of 150	15.0437838 ± 0.0265068	0.9306	EXP 150 of 150	246.14056 ± 0.04388	0.9958	EXP 150 of 150
14D27623	2.5 %	0.0605253 ± 0.0006107	0.6286	EXP 150 of 150	0.3921957 ± 0.0330392	0.0027	EXP 150 of 150	0.0048890 ± 0.0248445	0.0001	EXP 149 of 150	26.5259235 ± 0.0297114	0.9709	EXP 150 of 150	426.42824 ± 0.05847	0.9986	EXP 150 of 150
14D27624	2.6 %	0.0559688 ± 0.0006251	0.5489	EXP 150 of 150	0.3801838 ± 0.0317772	0.0000	EXP 150 of 150	0.0175932 ± 0.0271332	0.0106	EXP 150 of 150	24.3912430 ± 0.0270728	0.9722	EXP 150 of 150	388.00252 ± 0.05347	0.9985	EXP 150 of 150
14D27626	2.7 %	0.0557474 ± 0.0005545	0.6834	EXP 150 of 150	0.4701360 ± 0.0324617	0.0073	EXP 150 of 150	0.0469484 ± 0.0278839	0.0010	EXP 150 of 150	27.8214125 ± 0.0306298	0.9700	EXP 150 of 150	439.79968 ± 0.05498	0.9989	EXP 150 of 150
14D27627	2.8 %	0.0415489 ± 0.0004990	0.6433	EXP 150 of 150	0.2357629 ± 0.0287874	0.0091	EXP 150 of 150	0.0936315 ± 0.0270661	0.0022	EXP 150 of 150	14.7689384 ± 0.0282593	0.9185	EXP 150 of 150	237.10042 ± 0.04964	0.9940	EXP 150 of 150
14D27628	2.9 %	0.0575869 ± 0.0006057	0.6716	EXP 150 of 150	0.4762602 ± 0.0279701	0.0026	EXP 150 of 150	0.0975089 ± 0.0249602	0.0125	EXP 150 of 150	30.9414106 ± 0.0249101	0.9846	EXP 150 of 150	487.50515 ± 0.05882	0.9990	EXP 150 of 150
14D27630	3.0 %	0.0507274 ± 0.0005573	0.7164	EXP 150 of 150	0.4703390 ± 0.0293839	0.0036	EXP 150 of 150	0.0420282 ± 0.0241484	0.0005	EXP 149 of 150	29.3218414 ± 0.0285442	0.9782	EXP 150 of 150	456.87920 ± 0.05223	0.9991	EXP 150 of 150
14D27631	3.2 %	0.0425729 ± 0.0005429	0.6574	EXP 150 of 150	0.2728278 ± 0.0291308	0.0021	EXP 150 of 150	0.0899369 ± 0.0271125	0.0021	EXP 150 of 150	17.1177245 ± 0.0263812	0.9455	EXP 150 of 150	271.72139 ± 0.05056	0.9962	EXP 150 of 150
14D27632	3.4 %	0.0418580 ± 0.0005434	0.6321	EXP 150 of 150	0.2323987 ± 0.0274611	0.0040	EXP 150 of 150	0.0702967 ± 0.0273366	0.0066	EXP 149 of 150	16.4081811 ± 0.0256355	0.9403	EXP 150 of 150	262.28032 ± 0.04882	0.9961	EXP 150 of 150
14D27634	3.6 %	0.0451304 ± 0.0005432	0.6334	EXP 150 of 150	0.4202859 ± 0.0315194	0.0413	EXP 150 of 150	0.0299695 ± 0.0256029	0.0249	EXP 150 of 150	22.3137693 ± 0.0249771	0.9718	EXP 150 of 150	350.35227 ± 0.04636	0.9986	EXP 150 of 150
14D27635	3.9 %	0.0684420 ± 0.0006385	0.7672	EXP 150 of 150	0.9769921 ± 0.0301809	0.0225	EXP 150 of 150	0.3666484 ± 0.0257094	0.0171	EXP 150 of 150	55.0838350 ± 0.0298468	0.9932	EXP 149 of 150	854.29921 ± 0.06921	0.9996	EXP 150 of 150
14D27636	4.2 %	0.0460260 ± 0.0005694	0.6255	EXP 150 of 150	0.3833985 ± 0.0261620	0.0191	EXP 150 of 150	0.0046453 ± 0.0304336	0.0037	EXP 150 of 150	22.9725612 ± 0.0261805	0.9701	EXP 150 of 150	361.19368 ± 0.05212	0.9983	EXP 150 of 150
14D27638	4.5 %	0.0461963 ± 0.0005421	0.6153	EXP 150 of 150	0.3277187 ± 0.0280766	0.0068	EXP 150 of 150	0.0013002 ± 0.0275725	0.0037	EXP 150 of 150	22.5292018 ± 0.0288514	0.9649	EXP 150 of 150	353.61862 ± 0.05124	0.9983	EXP 150 of 150
14D27639	4.8 %	0.0815082 ± 0.0008108	0.7547	EXP 150 of 150	1.4821645 ± 0.0265887	0.1082	EXP 150 of 150	0.6662244 ± 0.0238477	0.0622	EXP 150 of 150	79.8162906 ± 0.0299263	0.9968	EXP 150 of 150	1229.44123 ± 0.08773	0.9997	EXP 150 of 150
14D27640	5.1 %	0.0633422 ± 0.0007340	0.7296	EXP 149 of 150	1.0241200 ± 0.0286742	0.0218	EXP 150 of 150	0.3769010 ± 0.0277637	0.0113	EXP 150 of 150	55.2785909 ± 0.0301705	0.9931	EXP 150 of 150	852.63706 ± 0.07010	0.9996	EXP 150 of 150
14D27642	5.4 %	0.0617841 ± 0.0007317	0.7073	EXP 150 of 150	0.9362148 ± 0.0264020	0.0112	EXP 150 of 150	0.3083518 ± 0.0292581	0.0010	EXP 150 of 150	51.7354841 ± 0.0307904	0.9918	EXP 150 of 150	797.39948 ± 0.05826	0.9997	EXP 150 of 150
14D27643	5.8 %	0.0400569 ± 0.0005570	0.6167	EXP 150 of 150	0.3150298 ± 0.0326716	0.0019	EXP 150 of 150	0.0830455 ± 0.0267290	0.0005	EXP 150 of 150	18.8517282 ± 0.0280892	0.9442	EXP 150 of 150	295.67678 ± 0.03992	0.9982	EXP 150 of 150
14D27644	6.2 %	0.0513305 ± 0.0005949	0.6665	EXP 150 of 150	0.6242581 ± 0.0309929	0.0496	EXP 150 of 150	0.1016650 ± 0.0280830	0.0214	EXP 150 of 150	30.2694636 ± 0.0259121	0.9830	EXP 150 of 150	470.48541 ± 0.05965	0.9989	EXP 150 of 150
14D27646	6.8 %	0.0455759 ± 0.0005513	0.6288	EXP 150 of 150	0.4650355 ± 0.0302983	0.0013	EXP 150 of 150	0.0059579 ± 0.0269382	0.0015	EXP 150 of 150	23.9965170 ± 0.0289899	0.9652	EXP 150 of 150	371.50646 ± 0.04695	0.9988	EXP 150 of 150
14D27647	7.4 %	0.0590050 ± 0.0006397	0.6196	EXP 150 of 150	0.6665197 ± 0.0263807	0.0004	EXP 150 of 150	0.1573748 ± 0.0237205	0.0066	EXP 150 of 150	35.7371500 ± 0.0291947	0.9845	EXP 150 of 150	548.89539 ± 0.05525	0.9994	EXP 150 of 150
14D27648	8.3 %	0.0737042 ± 0.0006090	0.6128	EXP 150 of 150	0.9537301 ± 0.0258913	0.0366	EXP 150 of 150	0.2477425 ± 0.0270121	0.0017	EXP 150 of 150	42.7209476 ± 0.0278721	0.9899	EXP 150 of 150	648.97413 ± 0.05942	0.9995	EXP 150 of 150
14D27650	9.3 %	0.1127260 ± 0.0008963	0.3936	EXP 150 of 150	1.5366603 ± 0.0312654	0.0542	EXP 150 of 150	0.5180448 ± 0.0244170	0.0273	EXP 150 of 150	61.0118513 ± 0.0302915	0.9943	EXP 150 of 150	914.18712 ± 0.07646	0.9996	EXP 150 of 150
14D27651	10.4 %	0.1136105 ± 0.0008577	0.4593	EXP 150 of 150	1.7299224 ± 0.0300520	0.1121	EXP 150 of 150	0.5140401 ± 0.0254876	0.0693	EXP 150 of 150	56.4065077 ± 0.0316383	0.9928	EXP 150 of 150	833.50245 ± 0.07422	0.9996	EXP 150 of 150
14D27652	11.7 %	0.1348766 ± 0.0008708	0.2253	EXP 150 of 150	2.0600934 ± 0.0294954	0.1700	EXP 150 of 150	0.4082930 ± 0.0294553	0.0030	EXP 150 of 150	50.4519364 ± 0.0264645	0.9937	EXP 150 of 150	731.83825 ± 0.06969	0.9995	EXP 150 of 150
14D27654	13.5 %	0.1369226 ± 0.0009417	0.0460	EXP 150 of 150	2.0473408 ± 0.0298942	0.1294	EXP 149 of 150	0.1993273 ± 0.0263141	0.0008	EXP 150 of 150	33.9483685 ± 0.0282420	0.9841	EXP 150 of 150	491.21820 ± 0.05417	0.9992	EXP 150 of 150
14D27655	15.5 %	0.1967733 ± 0.0009417	0.0447	EXP 149 of 150	3.4669918 ± 0.0304509	0.3781	EXP 150 of 150	0.3460605 ± 0.0264575	0.0296	EXP 150 of 150	39.6142560 ± 0.0303388	0.9864	EXP 150 of 150	557.30685 ± 0.05577	0.9994	EXP 150 of 150
14D27656	17.6 %	0.2244888 ± 0.0012659	0.1393	EXP 150 of 150	4.2555129 ± 0.0315910	0.3327	EXP 150 of 150	0.2274093 ± 0.0255205	0.0033	EXP 150 of 150	32.9097265 ± 0.0273985	0.9844	EXP 150 of 150	472.78113 ± 0.05905	0.9989	EXP 150 of 150
14D27658	19.8 %	0.1691103 ± 0.0010831	0.0627	EXP 150 of 150	2.9677304 ± 0.0292173	0.3102	EXP 150 of 150	0.0755717 ± 0.0266853	0.0611	EXP 150 of 150	17.8415185 ± 0.0265427	0.9489	EXP 150 of 150	272.15817 ± 0.04456	0.9974	EXP 150 of 150
14D27659	22.1 %	0.1444876 ± 0.0009739	0.0792	EXP 149 of 150	2.2098703 ± 0.0334166	0.0988	EXP 150 of 150	0.0534071 ± 0.0273626	0.0067	EXP 150 of 150	12.1792867 ± 0.0288596	0.8813	EXP 150 of 150	193.80590 ± 0.03826	0.9939	EXP 150 of 150
14D27660	24.5 %	0.1301562 ± 0.0008307	0.0474	EXP 150 of 150	1.6905047 ± 0.0294246	0.1143	EXP 150 of 150	0.1370318 ± 0.0269582	0.0005	EXP 150 of 150	9.5052017 ± 0.0286114	0.8106	EXP 150 of 150	158.48529 ± 0.04129	0.9840	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
14D27613	1.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27615	1.9 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27616	2.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27618	2.1 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27619	2.2 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27620	2.3 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27622	2.4 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27623	2.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27624	2.6 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27626	2.7 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27627	2.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27628	2.9 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27630	3.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27631	3.2 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27632	3.4 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27634	3.6 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27635	3.9 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27636	4.2 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27638	4.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27639	4.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27640	5.1 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27642	5.4 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27643	5.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27644	6.2 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27646	6.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27647	7.4 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27648	8.3 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27650	9.3 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27651	10.4 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27652	11.7 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27654	13.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27655	15.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27656	17.6 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27658	19.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27659	22.1 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	01
14D27660	24.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	35.60	French Polynesia\Rurutu (13-INT-08)	14D27612	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
14D27613	1.8 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	12	44	1
14D27615	1.9 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	13	16	1
14D27616	2.0 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	13	33	1
14D27618	2.1 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	14	6	1
14D27619	2.2 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	14	22	1
14D27620	2.3 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	14	39	1
14D27622	2.4 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	15	11	1
14D27623	2.5 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	15	28	1
14D27624	2.6 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	15	44	1
14D27626	2.7 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	16	17	1
14D27627	2.8 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	16	34	1
14D27628	2.9 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	16	50	1
14D27630	3.0 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	17	23	1
14D27631	3.2 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	17	39	1
14D27632	3.4 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	17	56	1
14D27634	3.6 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	18	29	1
14D27635	3.9 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	18	45	1
14D27636	4.2 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	19	1	1
14D27638	4.5 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	19	34	1
14D27639	4.8 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	19	51	1
14D27640	5.1 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	20	7	1
14D27642	5.4 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	20	40	1
14D27643	5.8 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	20	56	1
14D27644	6.2 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	21	13	1
14D27646	6.8 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	21	46	1
14D27647	7.4 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	22	2	1
14D27648	8.3 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	22	18	1
14D27650	9.3 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	22	51	1
14D27651	10.4 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	23	8	1
14D27652	11.7 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	23	24	1
14D27654	13.5 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	15	OCT	2014	23	57	1
14D27655	15.5 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	16	OCT	2014	0	13	1
14D27656	17.6 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	16	OCT	2014	0	30	1
14D27658	19.8 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	16	OCT	2014	1	3	1
14D27659	22.1 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	16	OCT	2014	1	19	1
14D27660	24.5 %	RR1310-D24-04	Groundmass	Rurutu Hotspot	FCT-NM (2A30-14)	28.201	0.082	Kuiper et al. (2008)	8.84537	0.095	0.00177691	0.095	303.861	0.147	0.99311214	0.068	1	4.8E-14	16	OCT	2014	1	36	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
14D27613	1.8 %	499.4	1.3	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
14D27615	1.9 %	499.4	1.3	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
14D27616	2.0 %	499.4	1.3	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
14D27618	2.1 %	499.4	1.3	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
14D27619	2.2 %	499.4	1.3	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
14D27620	2.3 %	499.4	1.3	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
14D27622	2.4 %	499.4	1.3	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
14D27623	2.5 %	499.4	1.3	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
14D27624	2.6 %	499.4	1.3	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
14D27626	2.7 %	499.4	1.3	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
14D27627	2.8 %	499.4	1.3	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
14D27628	2.9 %	499.4	1.3	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
14D27630	3.0 %	499.4	1.3	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
14D27631	3.2 %	499.4	1.3	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
14D27632	3.4 %	499.4	1.3	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
14D27634	3.6 %	499.4	1.3	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
14D27635	3.9 %	499.4	1.3	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
14D27636	4.2 %	499.4	1.3	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
14D27638	4.5 %	499.4	1.3	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
14D27639	4.8 %	499.4	1.3	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
14D27640	5.1 %	499.4	1.3	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
14D27642	5.4 %	499.4	1.3	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
14D27643	5.8 %	499.4	1.3	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
14D27644	6.2 %	499.4	1.3	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
14D27646	6.8 %	499.4	1.3	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
14D27647	7.4 %	499.4	1.3	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
14D27648	8.3 %	499.4	1.3	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
14D27650	9.3 %	499.4	1.3	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
14D27651	10.4 %	499.4	1.3	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
14D27652	11.7 %	499.4	1.3	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
14D27654	13.5 %	499.4	1.3	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
14D27655	15.5 %	499.4	1.3	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
14D27656	17.6 %	499.4	1.3	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
14D27658	19.8 %	499.4	1.3	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
14D27659	22.1 %	499.4	1.3	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
14D27660	24.5 %	499.4	1.3	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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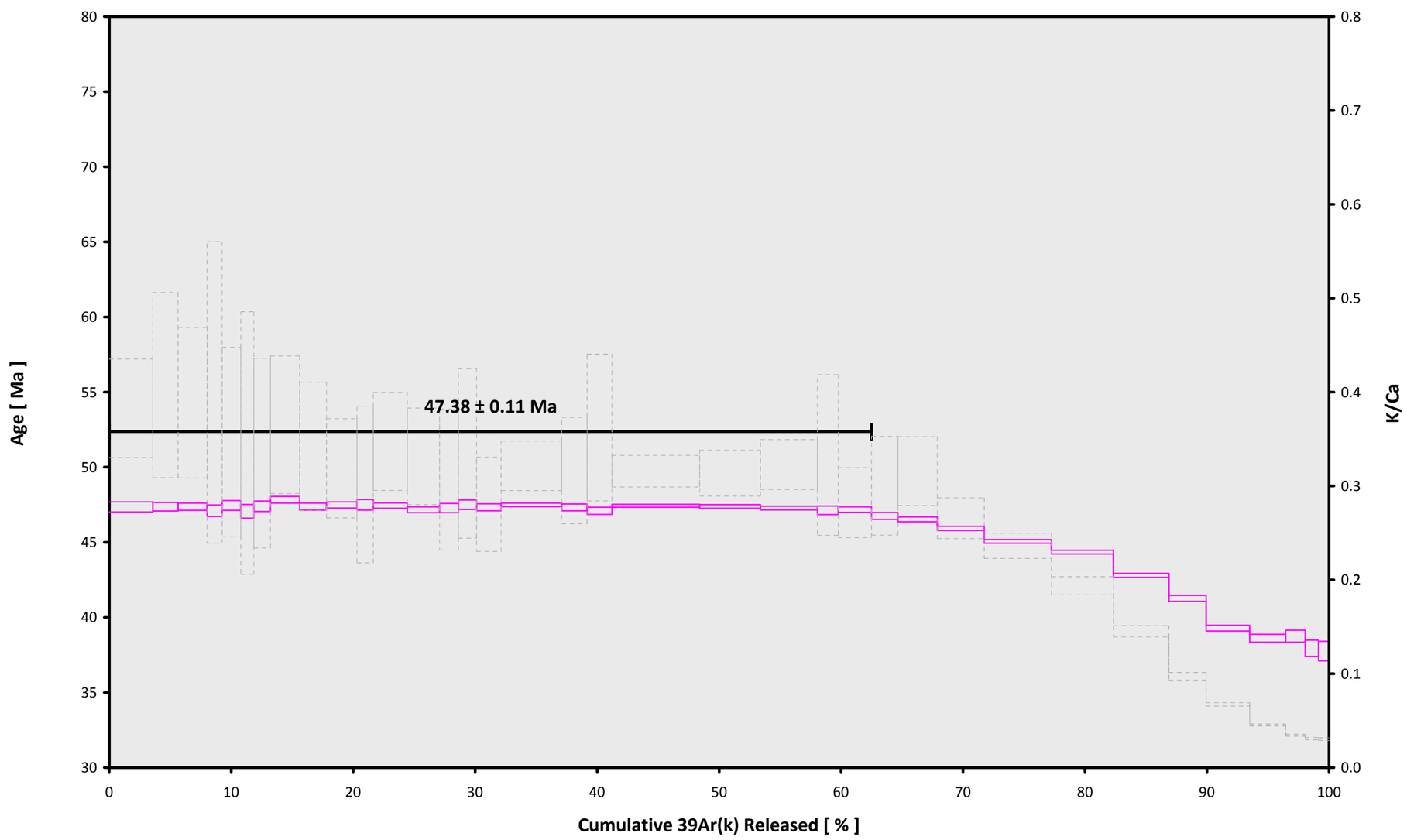


Ar-Ages in Ma

WEIGHTED PLATEAU
47.38 ± 0.11
TOTAL FUSION
45.73 ± 0.09
NORMAL ISOCHRON
47.33 ± 0.12
INVERSE ISOCHRON
47.38 ± 0.12

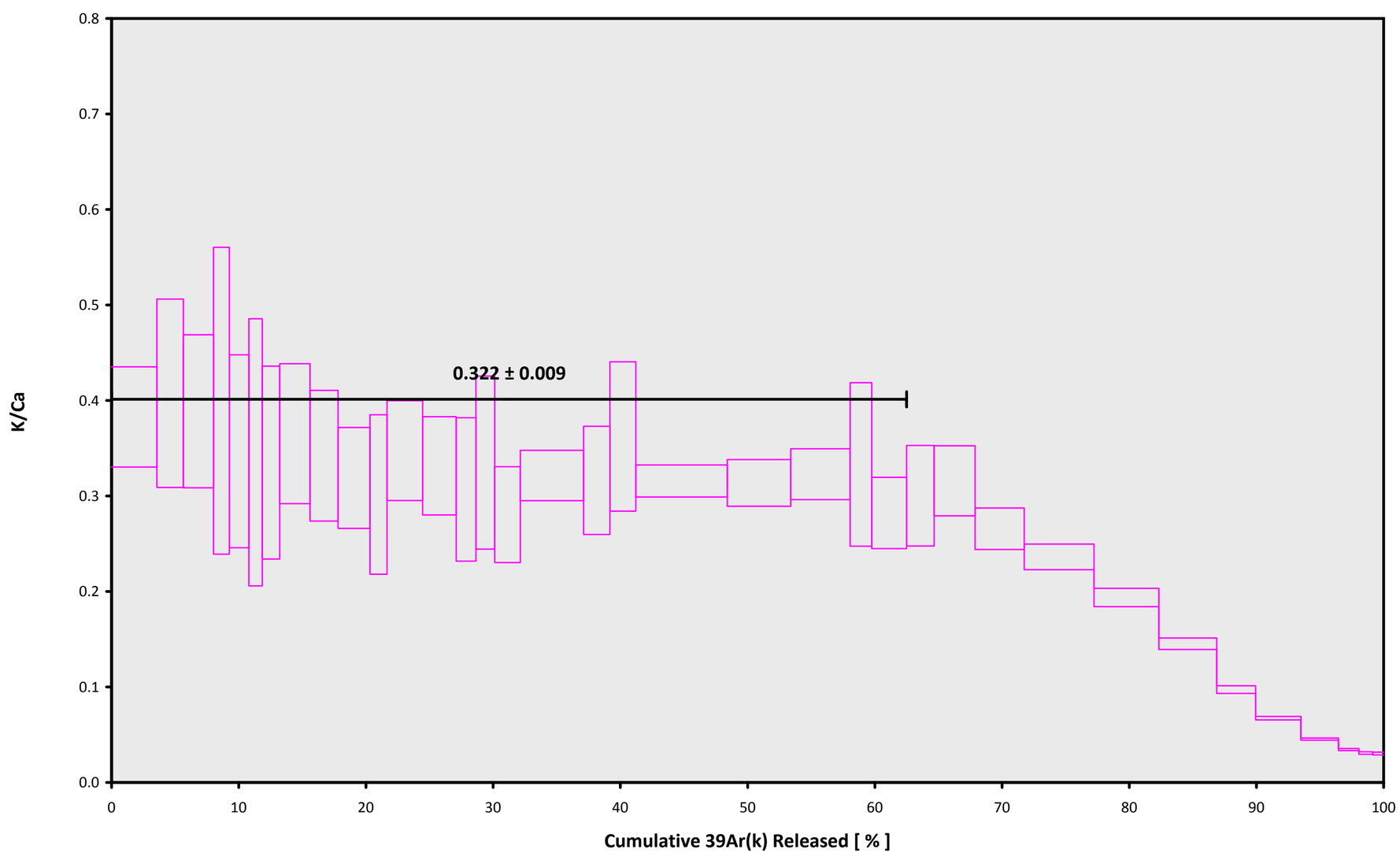
MSWD (PROBABILITY)
2.18 (0%)

Sample Info

Groundmass
Rurutu Hotspot
Kevin Konrad

IRR = 14-OSU-02 (2A30-14)
J = 0.00177691 ± 0.00000169

14D27612.AGE >>> RR1310-D24-04 >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

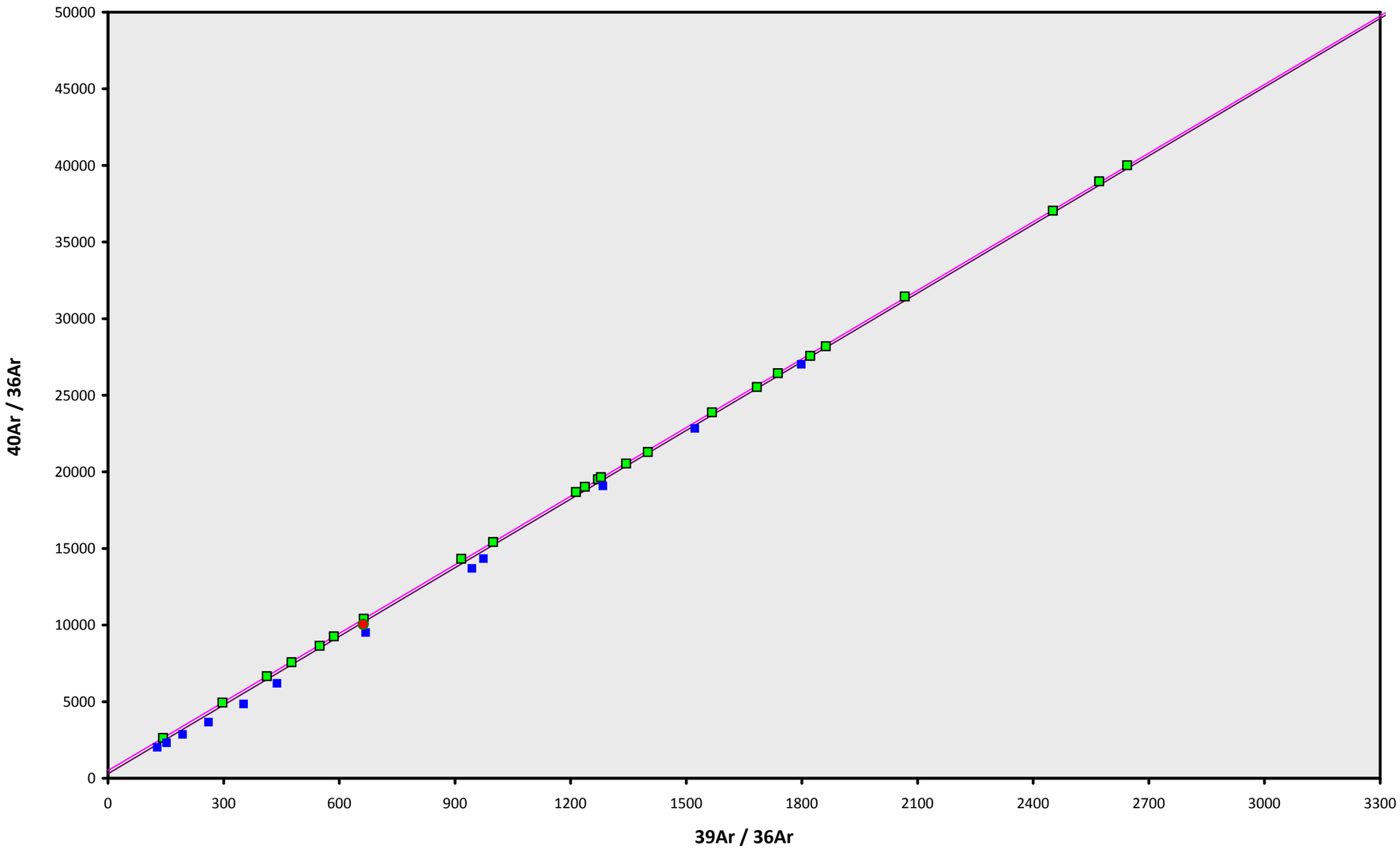
WEIGHTED PLATEAU
47.38 ± 0.11
TOTAL FUSION
45.73 ± 0.09
NORMAL ISOCHRON
47.33 ± 0.12
INVERSE ISOCHRON
47.38 ± 0.12

Sample Info

Groundmass
Rurutu Hotspot
Kevin Konrad

IRR = 14-OSU-02 (2A30-14)
J = 0.00177691 ± 0.00000169

14D27612.AGE >>> RR1310-D24-04 >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
47.38 ± 0.11
TOTAL FUSION
45.73 ± 0.09
NORMAL ISOCHRON
47.33 ± 0.12
INVERSE ISOCHRON
47.38 ± 0.12

MSWD (PROBABILITY)
2.34 (0%)

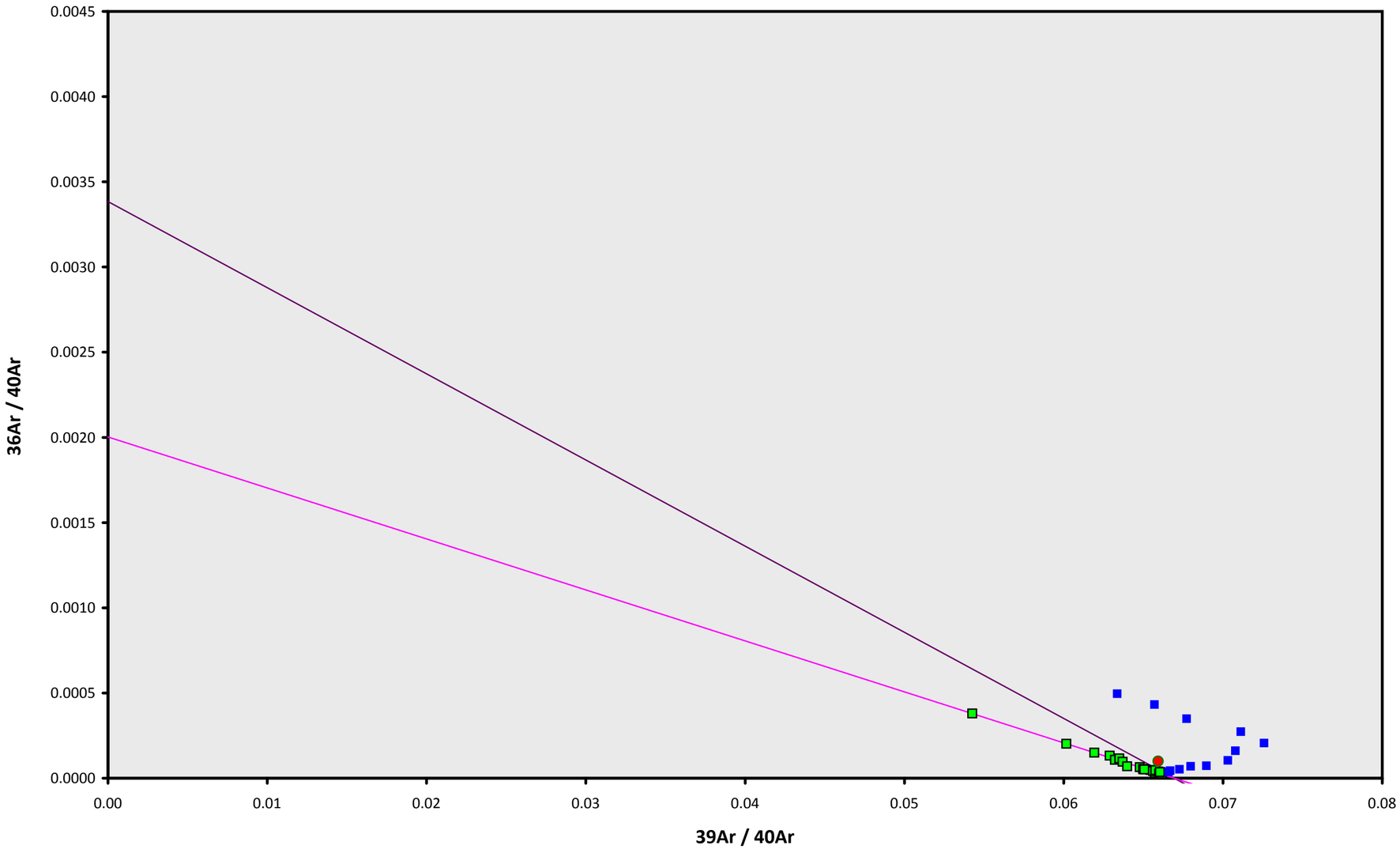
40AR/36AR INTERCEPT
502.2 ± 13.4

Sample Info

Groundmass
Rurutu Hotspot
Kevin Konrad

IRR = 14-OSU-02 (2A30-14)
J = 0.00177691 ± 0.00000169

14D27612.AGE >>> RR1310-D24-04 >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
47.38 ± 0.11
TOTAL FUSION
45.73 ± 0.09
NORMAL ISOCHRON
47.33 ± 0.12
INVERSE ISOCHRON
47.38 ± 0.12

MSWD (PROBABILITY)
2.35 (0%)

SPREADING FACTOR
17.8%

40AR/36AR INTERCEPT
499.4 ± 13.4

Sample Info

Groundmass
Rurutu Hotspot
Kevin Konrad

IRR = 14-OSU-02 (2A30-14)
J = 0.00177691 ± 0.00000169