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
14D27122	1.8 %		0.6729550	0.453	7.2246	37.402	0.1927566	20.933	1.783193	1.892	231.1606	0.063	18.48307 ± 1.26642	57.88 ± 3.90	14.22	2.12	0.1058 ± 0.0793
14D27124	1.9 %		0.3637362	0.554	8.6423	30.774	0.0951942	39.690	1.497868	2.358	133.1361	0.108	17.64531 ± 1.20546	55.30 ± 3.72	19.77	1.78	0.0742 ± 0.0458
14D27125	2.0 %		0.1315624	1.002	7.2752	35.423	0.0579445	64.381	0.718231	5.161	50.6437	0.280	17.29843 ± 2.21641	54.22 ± 6.84	24.36	0.85	0.0422 ± 0.0302
14D27127	2.1 %		0.1794061	0.830	2.3378	118.073	0.0146956	252.966	1.030406	3.273	68.1037	0.209	14.84136 ± 1.39136	46.62 ± 4.31	22.42	1.23	0.1892 ± 0.4470
14D27128	2.2 %	✓	0.1310315	0.960	0.4983	579.207	0.0372993	101.319	1.011620	3.611	52.1378	0.272	13.30329 ± 1.32202	41.84 ± 4.11	25.80	1.21	0.8726 ± 10.1083
14D27129	2.3 %	✓	0.0669059	1.690	4.3086	63.353	0.0148087	267.136	0.615290	5.755	28.2676	0.503	14.42515 ± 2.16538	45.33 ± 6.72	31.25	0.73	0.0611 ± 0.0778
14D27131	2.4 %	✓	0.0663232	1.725	4.0644	65.280	0.0151627	245.593	0.651334	5.562	28.2070	0.501	13.76193 ± 2.01500	43.27 ± 6.26	31.64	0.77	0.0686 ± 0.0899
14D27132	2.5 %	✓	0.0770375	1.598	0.6616	426.843	0.0162758	230.952	0.785082	4.464	33.6966	0.419	13.99519 ± 1.69634	43.99 ± 5.27	32.59	0.94	0.5100 ± 4.3537
14D27133	2.6 %	✓	0.0562850	1.963	1.9676	144.264	0.0042953	908.184	0.638582	5.557	25.4446	0.557	14.06788 ± 2.04976	44.22 ± 6.37	35.23	0.76	0.1393 ± 0.4021
14D27135	2.7 %	✓	0.0587923	1.894	8.1169	33.678	0.0102783	369.561	0.699359	5.101	26.6731	0.529	14.31967 ± 1.90358	45.00 ± 5.91	37.25	0.83	0.0368 ± 0.0250
14D27136	2.8 %	✓	0.0545559	1.983	1.1692	237.967	0.0470991	84.873	0.713750	4.895	25.1162	0.564	12.74556 ± 1.70432	40.11 ± 5.30	36.18	0.85	0.2622 ± 1.2482
14D27137	2.9 %	✓	0.0543650	1.969	3.6810	79.541	0.0007591	4886.185	0.736362	4.859	26.4222	0.534	14.50409 ± 1.81440	45.57 ± 5.63	40.29	0.88	0.0857 ± 0.1366
14D27139	3.0 %	✓	0.0481552	2.250	6.9681	38.291	0.0416322	86.802	0.770545	4.710	24.3430	0.581	13.92057 ± 1.69752	43.76 ± 5.27	43.79	0.91	0.0473 ± 0.0365
14D27140	3.2 %	✓	0.0587585	1.948	6.3170	41.398	0.0008582	4287.001	0.949201	3.785	29.9064	0.474	13.79649 ± 1.37675	43.38 ± 4.28	43.59	1.13	0.0643 ± 0.0535
14D27141	3.4 %	✓	0.0592448	1.874	5.8642	48.006	0.0392610	97.955	1.025649	3.300	31.7456	0.447	14.38591 ± 1.26065	45.21 ± 3.91	46.30	1.22	0.0749 ± 0.0721
14D27143	3.6 %	✓	0.0674924	1.646	9.3983	31.082	0.0686529	54.027	1.371861	2.774	39.0747	0.364	14.55059 ± 1.02353	45.72 ± 3.18	50.85	1.63	0.0625 ± 0.0390
14D27144	3.9 %	✓	0.0680214	1.655	11.4924	24.154	0.0170527	210.694	1.641558	2.281	41.6824	0.338	13.75951 ± 0.81604	43.26 ± 2.54	53.93	1.95	0.0611 ± 0.0297
14D27145	4.2 %	✓	0.0687901	1.629	12.6668	21.482	0.0679295	57.713	1.573982	2.284	42.4386	0.334	14.75995 ± 0.86452	46.37 ± 2.68	54.44	1.87	0.0531 ± 0.0230
14D27147	4.5 %	✓	0.0643235	1.730	14.0774	19.775	0.0629641	59.450	2.124869	1.760	47.4035	0.301	13.94475 ± 0.63360	43.84 ± 1.97	62.23	2.52	0.0646 ± 0.0257
14D27148	4.8 %	✓	0.0543275	2.045	14.2766	19.354	0.0901705	41.672	2.015299	1.724	42.4443	0.334	13.71717 ± 0.63294	43.13 ± 1.97	64.82	2.39	0.0604 ± 0.0235
14D27149	5.1 %	✓	0.0542826	2.010	15.5665	17.080	0.0371930	107.852	2.114678	1.775	44.0121	0.323	13.87186 ± 0.63029	43.61 ± 1.96	66.32	2.51	0.0581 ± 0.0200
14D27151	5.4 %	✓	0.0684913	1.602	19.7730	13.953	0.0898092	42.348	2.964737	1.322	59.3310	0.239	13.77007 ± 0.46166	43.30 ± 1.43	68.50	3.52	0.0642 ± 0.0180
14D27152	5.8 %	✓	0.0414372	2.489	22.3501	12.483	0.1027466	38.490	2.276288	1.528	41.4578	0.343	13.69637 ± 0.55152	43.07 ± 1.71	74.70	2.70	0.0435 ± 0.0109
14D27153	6.2 %	✓	0.0748341	1.541	33.7075	8.420	0.0403011	91.516	3.675191	0.993	70.1832	0.202	13.88346 ± 0.36480	43.65 ± 1.13	72.25	4.36	0.0466 ± 0.0079
14D27155	6.8 %		0.0614487	1.791	32.2027	8.478	0.0230743	165.741	3.552369	1.018	63.1448	0.225	13.45583 ± 0.36248	42.32 ± 1.13	75.24	4.21	0.0471 ± 0.0081
14D27156	7.4 %		0.0648122	1.863	34.4850	8.298	0.0932592	39.815	3.850905	0.915	66.2544	0.215	13.01203 ± 0.33416	40.94 ± 1.04	75.17	4.57	0.0477 ± 0.0080
14D27157	8.3 %		0.0677515	1.721	49.9303	5.513	0.0283993	131.850	5.090472	0.699	82.5302	0.173	13.13483 ± 0.25172	41.32 ± 0.78	80.48	6.03	0.0435 ± 0.0048
14D27159	9.3 %		0.0760281	1.543	66.4332	4.293	0.1623901	23.204	6.046004	0.629	93.2799	0.153	12.66862 ± 0.21698	39.87 ± 0.68	81.50	7.16	0.0388 ± 0.0034
14D27163	10.7 %		0.0478427	2.317	47.8034	6.352	0.0954497	38.706	4.056817	0.864	59.4539	0.240	12.19187 ± 0.30150	38.39 ± 0.94	82.53	4.80	0.0362 ± 0.0046
14D27164	11.7 %		0.0473711	2.198	52.0184	5.381	0.0778473	49.655	4.156119	0.909	59.0320	0.240	11.91790 ± 0.29380	37.53 ± 0.92	83.20	4.92	0.0341 ± 0.0037
14D27166	13.5 %		0.0948984	1.273	101.9784	2.789	0.1086718	33.377	5.494848	0.668	81.8530	0.174	11.39283 ± 0.22529	35.89 ± 0.70	75.52	6.47	0.0229 ± 0.0013
14D27167	15.5 %		0.0721574	1.626	108.8372	2.566	0.0442887	87.034	5.365821	0.691	70.1371	0.203	10.83820 ± 0.22384	34.16 ± 0.70	81.78	6.31	0.0209 ± 0.0011
14D27168	17.6 %		0.0723916	1.563	117.6797	2.437	0.0702033	52.678	4.506040	0.784	59.9760	0.237	10.80480 ± 0.25937	34.06 ± 0.81	79.74	5.28	0.0162 ± 0.0008
14D27170	19.8 %		0.0733404	1.617	135.5487	2.125	0.0033621	1101.001	3.869357	0.948	51.4413	0.275	10.69975 ± 0.31279	33.73 ± 0.98	78.58	4.51	0.0120 ± 0.0006
14D27171	22.1 %		0.0834209	1.387	134.6625	2.267	0.0185258	196.462	2.805193	1.283	45.3179	0.311	11.51475 ± 0.44661	36.28 ± 1.39	68.96	3.24	0.0087 ± 0.0005
14D27172	24.5 %		0.1350508	0.935	152.9922	1.783	0.0519326	72.307	2.477016	1.422	56.4825	0.251	12.05107 ± 0.52378	37.95 ± 1.63	50.64	2.83	0.0067 ± 0.0003
		Σ	3.5376281	0.217	1256.9770	1.332	1.8806015	12.066	84.655894	0.256	2031.9346	0.042					

Information on Analysis and Constants Used in Calculations

Project = **RURUTU (13-INT-08)**
Sample = **RR1310-D14-01**
Material = **Groundmass**
Location = **Rurutu Hotspot**
Region = **Tuvalu**
Analyst = **Kevin Konrad**
Irradiation = **14-OSU-02 (2A40-14)**
Position = **X: 0 | Y: 0 | Z/H: 47.9 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al. (2008)**
FCT-NM 40Ar/39Ar Ratio = **8.93178 ± 0.00840**
FCT-NM J-value = **0.00175972 ± 0.00000165**
Air Shot 40Ar/36Ar = **303.8810 ± 0.4133**
Air Shot MDF = **0.99309612 ± 0.00066514 (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-D14-01GM**
Rock Class = **Igneous>Volcanic**
Lithology = **Basalt**
Lat-Lon = **8°11.3'S - 178°23.2'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) = **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		13.89064 ± 0.18008	**43.67 ± 0.57**	0.58	33.68	0.0504 ± 0.0050
		± 1.30%	**± 1.29%**	92%	20	
		Full External Error	± 1.13	1.65	2σ Confidence Limit	
		Analytical Error	± 0.56	1.0000	Error Magnification	
Total Fusion Age		12.94908 ± 0.09384	**40.74 ± 0.30**		36	0.0287 ± 0.0008
		± 0.72%	**± 0.74%**			
		Full External Error	± 0.96			
		Analytical Error	± 0.29			
Normal Isochron	**296.90 ± 7.78**	13.85040 ± 0.30535	**43.55 ± 0.95**	0.61	33.68	
	± 2.62%	± 2.20%	**± 2.19%**	89%	20	
		Full External Error	± 1.36	1.67	2σ Confidence Limit	
		Analytical Error	± 0.95	1.0000	Error Magnification	
				16	Number of Iterations	
				0.0001354742	Convergence	
Inverse Isochron	**297.11 ± 7.80**	13.85121 ± 0.30660	**43.55 ± 0.96**	0.62	33.68	
	± 2.62%	± 2.21%	**± 2.19%**	89%	20	
		Full External Error	± 1.37	1.67	2σ Confidence Limit	
		Analytical Error	± 0.95	1.0000	Error Magnification	
Notes				3	Number of Iterations	
A short but reliable plateau with an atmospheric intercept and a low MSWD.				0.0000029076	Convergence	
				49%	Spreading Factor	

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
14D27122	1.8 %		0.6710156	7.2246	0.0454301	1.778312	32.8687	57.88 ± 3.90	14.22	2.12	0.1058 ± 0.0793
14D27124	1.9 %		0.3614316	8.6423	0.0090715	1.492029	26.3273	55.30 ± 3.72	19.77	1.78	0.0742 ± 0.0458
14D27125	2.0 %		0.1296165	7.2752	0.0246149	0.713316	12.3392	54.22 ± 6.84	24.36	0.85	0.0422 ± 0.0302
14D27127	2.1 %		0.1787835	2.3378	0.0000000	1.028827	15.2692	46.62 ± 4.31	22.42	1.23	0.1892 ± 0.4470
14D27128	2.2 %	✓	0.1308985	0.4983	0.0006318	1.011283	13.4534	41.84 ± 4.11	25.80	1.21	0.8726 ± 10.1083
14D27129	2.3 %	✓	0.0657585	4.3086	0.0000000	0.612379	8.8337	45.33 ± 6.72	31.25	0.73	0.0611 ± 0.0778
14D27131	2.4 %	✓	0.0652408	4.0644	0.0000000	0.648588	8.9258	43.27 ± 6.26	31.64	0.77	0.0686 ± 0.0899
14D27132	2.5 %	✓	0.0768613	0.6616	0.0000000	0.784635	10.9811	43.99 ± 5.27	32.59	0.94	0.5100 ± 4.3537
14D27133	2.6 %	✓	0.0557610	1.9676	0.0000000	0.637253	8.9648	44.22 ± 6.37	35.23	0.76	0.1393 ± 0.4021
14D27135	2.7 %	✓	0.0566308	8.1169	0.0000000	0.693876	9.9361	45.00 ± 5.91	37.25	0.83	0.0368 ± 0.0250
14D27136	2.8 %	✓	0.0542348	1.1692	0.0283010	0.712960	9.0871	40.11 ± 5.30	36.18	0.85	0.2622 ± 1.2482
14D27137	2.9 %	✓	0.0533847	3.6810	0.0000000	0.733875	10.6442	45.57 ± 5.63	40.29	0.88	0.0857 ± 0.1366
14D27139	3.0 %	✓	0.0462916	6.9681	0.0232662	0.765837	10.6609	43.76 ± 5.27	43.79	0.91	0.0473 ± 0.0365
14D27140	3.2 %	✓	0.0570763	6.3170	0.0000000	0.944933	13.0368	43.38 ± 4.28	43.59	1.13	0.0643 ± 0.0535
14D27141	3.4 %	✓	0.0576777	5.8642	0.0157681	1.021687	14.6979	45.21 ± 3.91	46.30	1.22	0.0749 ± 0.0721
14D27143	3.6 %	✓	0.0649762	9.3983	0.0394056	1.365512	19.8690	45.72 ± 3.18	50.85	1.63	0.0625 ± 0.0390
14D27144	3.9 %	✓	0.0649610	11.4924	0.0000000	1.633793	22.4802	43.26 ± 2.54	53.93	1.95	0.0611 ± 0.0297
14D27145	4.2 %	✓	0.0654046	12.6668	0.0359622	1.565424	23.1056	46.37 ± 2.68	54.44	1.87	0.0531 ± 0.0230
14D27147	4.5 %	✓	0.0605660	14.0774	0.0251836	2.115359	29.4982	43.84 ± 1.97	62.23	2.52	0.0646 ± 0.0257
14D27148	4.8 %	✓	0.0505066	14.2766	0.0555757	2.005653	27.5119	43.13 ± 1.97	64.82	2.39	0.0604 ± 0.0235
14D27149	5.1 %	✓	0.0501368	15.5665	0.0013896	2.104161	29.1886	43.61 ± 1.96	66.32	2.51	0.0581 ± 0.0200
14D27151	5.4 %	✓	0.0632117	19.7730	0.0410672	2.951379	40.6407	43.30 ± 1.43	68.50	3.52	0.0642 ± 0.0180
14D27152	5.8 %	✓	0.0354623	22.3501	0.0673096	2.261188	30.9701	43.07 ± 1.71	74.70	2.70	0.0435 ± 0.0109
14D27153	6.2 %	✓	0.0658578	33.7075	0.0000000	3.652419	50.7082	43.65 ± 1.13	72.25	4.36	0.0466 ± 0.0079
14D27155	6.8 %		0.0528732	32.2027	0.0000000	3.530613	47.5073	42.32 ± 1.13	75.24	4.21	0.0471 ± 0.0081
14D27156	7.4 %		0.0556171	34.4850	0.0343384	3.827607	49.8049	40.94 ± 1.04	75.17	4.57	0.0477 ± 0.0080
14D27157	8.3 %		0.0544551	49.9303	0.0000000	5.056739	66.4194	41.32 ± 0.78	80.48	6.03	0.0435 ± 0.0048
14D27159	9.3 %		0.0583114	66.4332	0.0745223	6.001122	76.0259	39.87 ± 0.68	81.50	7.16	0.0388 ± 0.0034
14D27163	10.7 %		0.0351000	47.8034	0.0370382	4.024521	49.0665	38.39 ± 0.94	82.53	4.80	0.0362 ± 0.0046
14D27164	11.7 %		0.0335123	52.0184	0.0182695	4.120975	49.1134	37.53 ± 0.92	83.20	4.92	0.0341 ± 0.0037
14D27166	13.5 %		0.0677335	101.9784	0.0234108	5.425951	61.8170	35.89 ± 0.70	75.52	6.47	0.0229 ± 0.0013
14D27167	15.5 %		0.0431740	108.8372	0.0000000	5.292290	57.3589	34.16 ± 0.70	81.78	6.31	0.0209 ± 0.0011
14D27168	17.6 %		0.0410533	117.6797	0.0008254	4.426536	47.8278	34.06 ± 0.81	79.74	5.28	0.0162 ± 0.0008
14D27170	19.8 %		0.0372438	135.5487	0.0000000	3.777780	40.4213	33.73 ± 0.98	78.58	4.51	0.0120 ± 0.0006
14D27171	22.1 %		0.0475602	134.6625	0.0000000	2.714215	31.2535	36.28 ± 1.39	68.96	3.24	0.0087 ± 0.0005
14D27172	24.5 %		0.0943090	152.9922	0.0000000	2.373655	28.6051	37.95 ± 1.63	50.64	2.83	0.0067 ± 0.0003
	Σ		3.2026893	1256.9770	0.6013817	83.806681	1085.2196				

Information on Analysis

Project = **RURUTU (13-INT-08)**
Sample = **RR1310-D14-01**
Material = **Groundmass**
Location = **Rurutu Hotspot**
Region = **Tuvalu**
Analyst = **Kevin Konrad**
Irradiation = **14-OSU-02 (2A40-14)**
J = **0.00175972 ± 0.00000165**
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	13.89064	± 0.18008	**43.67**	**± 0.57**	0.58	33.68	0.0504 ± 0.0050
		± 1.30%		**± 1.29%**	92%	20	
			Full External Error	± 1.13	1.65	2σ Confidence Limit	
			Analytical Error	± 0.56	1.0000	Error Magnification	
Total Fusion Age	12.94908	± 0.09384	**40.74**	**± 0.30**		36	0.0287 ± 0.0008
		± 0.72%		**± 0.74%**			
			Full External Error	± 0.96			
			Analytical Error	± 0.29			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
14D27122	1.8 %		2.65 ± 0.10	344.48 ± 3.25	0.2365
14D27124	1.9 %		4.13 ± 0.20	368.34 ± 4.43	0.2381
14D27125	2.0 %		5.50 ± 0.59	390.70 ± 9.22	0.2091
14D27127	2.1 %		5.75 ± 0.39	380.91 ± 7.25	0.2656
14D27128	2.2 %	✓	7.73 ± 0.59	398.28 ± 9.23	0.2889
14D27129	2.3 %	✓	9.31 ± 1.14	429.83 ± 18.10	0.3233
14D27131	2.4 %	✓	9.94 ± 1.19	432.31 ± 18.34	0.3360
14D27132	2.5 %	✓	10.21 ± 0.99	438.37 ± 16.86	0.3776
14D27133	2.6 %	✓	11.43 ± 1.39	456.27 ± 22.49	0.3852
14D27135	2.7 %	✓	12.25 ± 1.39	470.95 ± 22.68	0.4050
14D27136	2.8 %	✓	13.15 ± 1.44	463.05 ± 22.99	0.4304
14D27137	2.9 %	✓	13.75 ± 1.51	494.89 ± 25.12	0.4428
14D27139	3.0 %	✓	16.54 ± 1.82	525.80 ± 30.06	0.4975
14D27140	3.2 %	✓	16.56 ± 1.48	523.91 ± 25.10	0.5146
14D27141	3.4 %	✓	17.71 ± 1.44	550.33 ± 26.03	0.5631
14D27143	3.6 %	✓	21.02 ± 1.46	601.29 ± 25.48	0.5900
14D27144	3.9 %	✓	25.15 ± 1.56	641.56 ± 26.96	0.6617
14D27145	4.2 %	✓	23.93 ± 1.47	648.77 ± 26.83	0.6550
14D27147	4.5 %	✓	34.93 ± 1.98	782.54 ± 34.87	0.7730
14D27148	4.8 %	✓	39.71 ± 2.51	840.22 ± 44.69	0.8290
14D27149	5.1 %	✓	41.97 ± 2.64	877.68 ± 45.89	0.8173
14D27151	5.4 %	✓	46.69 ± 2.31	938.43 ± 39.46	0.8382
14D27152	5.8 %	✓	63.76 ± 4.98	1168.82 ± 84.17	0.9146
14D27153	6.2 %	✓	55.46 ± 2.57	1065.46 ± 44.82	0.8980
14D27155	6.8 %		66.78 ± 3.60	1194.01 ± 59.82	0.9212
14D27156	7.4 %		68.82 ± 3.75	1191.00 ± 61.36	0.9379
14D27157	8.3 %		92.86 ± 4.88	1515.21 ± 76.83	0.9611
14D27159	9.3 %		102.92 ± 5.10	1599.29 ± 76.82	0.9647
14D27163	10.7 %		114.66 ± 9.19	1693.40 ± 132.65	0.9741
14D27164	11.7 %		122.97 ± 9.67	1761.03 ± 134.89	0.9705
14D27166	13.5 %		80.11 ± 3.54	1208.15 ± 51.07	0.9487
14D27167	15.5 %		122.58 ± 8.08	1624.05 ± 104.77	0.9751
14D27168	17.6 %		107.82 ± 7.38	1460.52 ± 97.44	0.9698
14D27170	19.8 %		101.43 ± 7.95	1380.82 ± 105.09	0.9662
14D27171	22.1 %		57.07 ± 3.72	952.64 ± 56.99	0.9081
14D27172	24.5 %		25.17 ± 1.08	598.81 ± 18.75	0.7114

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	**296.90 ± 7.78 ± 2.62%**	13.85040 ± 0.30535 ± 2.20%	**43.55 ± 0.95 ± 2.19%**	0.61 89%
			Full External Error ± 1.36	
			Analytical Error ± 0.95	

Statistics				
	2σ Confidence Limit	1.67	Convergence	0.000135474206
	Error Magnification	1.0000	Number of Iterations	16
	Number of Data Points	20	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
14D27122	1.8 %		0.0076932 ± 0.0002925	0.00290290 ± 0.00002735	0.0044
14D27124	1.9 %		0.0112073 ± 0.0005318	0.00271487 ± 0.00003263	0.0082
14D27125	2.0 %		0.0140858 ± 0.0014676	0.00255952 ± 0.00006041	0.0127
14D27127	2.1 %		0.0151077 ± 0.0009939	0.00262532 ± 0.00004999	0.0139
14D27128	2.2 %	✓	0.0193978 ± 0.0014075	0.00251081 ± 0.00005819	0.0176
14D27129	2.3 %	✓	0.0216654 ± 0.0025184	0.00232647 ± 0.00009795	0.0206
14D27131	2.4 %	✓	0.0229959 ± 0.0025824	0.00231314 ± 0.00009811	0.0211
14D27132	2.5 %	✓	0.0232873 ± 0.0020924	0.00228118 ± 0.00008774	0.0203
14D27133	2.6 %	✓	0.0250471 ± 0.0028075	0.00219168 ± 0.00010804	0.0225
14D27135	2.7 %	✓	0.0260166 ± 0.0026931	0.00212335 ± 0.00010227	0.0224
14D27136	2.8 %	✓	0.0283896 ± 0.0028051	0.00215959 ± 0.00010723	0.0259
14D27137	2.9 %	✓	0.0277779 ± 0.0027290	0.00202067 ± 0.00010256	0.0229
14D27139	3.0 %	✓	0.0314641 ± 0.0030084	0.00190187 ± 0.00010874	0.0247
14D27140	3.2 %	✓	0.0316001 ± 0.0024242	0.00190873 ± 0.00009143	0.0244
14D27141	3.4 %	✓	0.0321876 ± 0.0021555	0.00181710 ± 0.00008596	0.0252
14D27143	3.6 %	✓	0.0349509 ± 0.0019675	0.00166309 ± 0.00007048	0.0222
14D27144	3.9 %	✓	0.0392021 ± 0.0018186	0.00155871 ± 0.00006549	0.0235
14D27145	4.2 %	✓	0.0368920 ± 0.0017144	0.00154137 ± 0.00006373	0.0233
14D27147	4.5 %	✓	0.0446321 ± 0.0016029	0.00127789 ± 0.00005694	0.0226
14D27148	4.8 %	✓	0.0472624 ± 0.0016697	0.00119017 ± 0.00006330	0.0238
14D27149	5.1 %	✓	0.0478174 ± 0.0017359	0.00113937 ± 0.00005957	0.0220
14D27151	5.4 %	✓	0.0497537 ± 0.0013438	0.00106561 ± 0.00004481	0.0201
14D27152	5.8 %	✓	0.0545533 ± 0.0017217	0.00085556 ± 0.00006161	0.0207
14D27153	6.2 %	✓	0.0520516 ± 0.0010631	0.00093856 ± 0.00003949	0.0191
14D27155	6.8 %		0.0559249 ± 0.0011743	0.00083751 ± 0.00004196	0.0193
14D27156	7.4 %		0.0577841 ± 0.0010937	0.00083963 ± 0.00004326	0.0190
14D27157	8.3 %		0.0612857 ± 0.0008892	0.00065997 ± 0.00003347	0.0163
14D27159	9.3 %		0.0643504 ± 0.0008404	0.00062528 ± 0.00003003	0.0149
14D27163	10.7 %		0.0677090 ± 0.0012256	0.00059053 ± 0.00004626	0.0162
14D27164	11.7 %		0.0698278 ± 0.0013247	0.00056785 ± 0.00004349	0.0159
14D27166	13.5 %		0.0663058 ± 0.0009281	0.00082771 ± 0.00003499	0.0204
14D27167	15.5 %		0.0754782 ± 0.0011024	0.00061574 ± 0.00003972	0.0174
14D27168	17.6 %		0.0738260 ± 0.0012321	0.00068469 ± 0.00004568	0.0202
14D27170	19.8 %		0.0734593 ± 0.0014851	0.00072421 ± 0.00005512	0.0197
14D27171	22.1 %		0.0599064 ± 0.0016358	0.00104972 ± 0.00006280	0.0238
14D27172	24.5 %		0.0420314 ± 0.0012674	0.00166997 ± 0.00005230	0.0267

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	**297.11 ± 7.80 ± 2.62%**	13.85121 ± 0.30660 ± 2.21%	**43.55 ± 0.96 ± 2.19%**	0.62 89%
			Full External Error ± 1.37	
			Analytical Error ± 0.95	

Statistics				
	2σ Confidence Limit	1.67	Convergence	0.0000029076
	Error Magnification	1.0000	Number of Iterations	3
	Number of Data Points	20	Calculated Line	Weighted York-2
	Spreading Factor	48.7%		

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
14D27122	1.8 %		0.6710156	0.47	0.0000000	0.00	0.0019239	37.40	0.0000155	88.84	7.2246	37.40	0.1254128	0.47	0.0000000	0.00	0.0213949	1.91	0.0005187	39.54	0.0454301	88.85	1.778312	1.90	0.0048809	37.42	32.8687	2.85	198.28511	0.47	0.0000000	0.00	0.0067985	3.27
14D27124	1.9 %		0.3614316	0.59	0.0000000	0.00	0.0023014	30.77	0.0000031	416.58	8.6423	30.77	0.0675516	0.59	0.0000000	0.00	0.0179506	2.38	0.0006205	33.34	0.0090715	416.59	1.492029	2.37	0.0058387	30.80	26.3273	2.46	106.80304	0.59	0.0000000	0.00	0.0057040	3.56
14D27125	2.0 %		0.1296165	1.15	0.0000000	0.00	0.0019374	35.42	0.0000084	151.59	7.2752	35.42	0.0242253	1.15	0.0000000	0.00	0.0085819	5.20	0.0005224	37.67	0.0246149	151.59	0.713316	5.20	0.0049152	35.45	12.3392	3.74	38.30169	1.15	0.0000000	0.00	0.0027270	5.84
14D27127	2.1 %		0.1787835	0.93	0.0000000	0.00	0.0006226	118.07	0.0000000	0.00	2.3378	118.07	0.0334146	0.93	0.0000000	0.00	0.0123778	3.29	0.0001679	118.77	0.0000000	0.00	1.028827	3.28	0.0015794	118.08	15.2692	3.35	52.83053	0.93	0.0000000	0.00	0.0039332	4.23
14D27128	2.2 %	✓	0.1308985	1.13	0.0000000	0.00	0.0001327	579.21	0.0000002	######	0.4983	579.21	0.0244649	1.13	0.0000000	0.00	0.0121667	3.62	0.0000358	579.35	0.0006318	######	1.011283	3.62	0.0003367	579.21	13.4534	3.41	38.68052	1.13	0.0000000	0.00	0.0038661	4.49
14D27129	2.3 %	✓	0.0657585	2.04	0.0000000	0.00	0.0011474	63.35	0.0000000	0.00	4.3086	63.35	0.0122903	2.04	0.0000000	0.00	0.0073675	5.79	0.0003094	64.64	0.0000000	0.00	0.612379	5.79	0.0029109	63.37	8.8337	4.78	19.43164	2.04	0.0000000	0.00	0.0023411	6.37
14D27131	2.4 %	✓	0.0652408	2.06	0.0000000	0.00	0.0010824	65.28	0.0000000	0.00	4.0644	65.28	0.0121935	2.06	0.0000000	0.00	0.0078032	5.59	0.0002918	66.53	0.0000000	0.00	0.648588	5.59	0.0027459	65.29	8.9258	4.72	19.27867	2.06	0.0000000	0.00	0.0024796	6.19
14D27132	2.5 %	✓	0.0768613	1.88	0.0000000	0.00	0.0001762	426.84	0.0000000	0.00	0.6616	426.84	0.0143654	1.88	0.0000000	0.00	0.0094399	4.48	0.0000475	427.04	0.0000000	0.00	0.784635	4.47	0.0004470	426.84	10.9811	4.09	22.71252	1.88	0.0000000	0.00	0.0029997	5.20
14D27133	2.6 %	✓	0.0557610	2.40	0.0000000	0.00	0.0005240	144.26	0.0000000	0.00	1.9676	144.26	0.0104217	2.40	0.0000000	0.00	0.0076668	5.58	0.0001413	144.83	0.0000000	0.00	0.637253	5.58	0.0013293	144.27	8.9648	4.69	16.47738	2.40	0.0000000	0.00	0.0024362	6.18
14D27135	2.7 %	✓	0.0566308	2.35	0.0000000	0.00	0.0021615	33.68	0.0000000	0.00	8.1169	33.68	0.0105843	2.35	0.0000000	0.00	0.0083480	5.15	0.0005828	36.04	0.0000000	0.00	0.693876	5.15	0.0054838	33.70	9.9361	4.20	16.73440	2.35	0.0000000	0.00	0.0026527	5.80
14D27136	2.8 %	✓	0.0542348	2.42	0.0000000	0.00	0.0003113	237.97	0.0000097	141.27	1.1692	237.97	0.0101365	2.42	0.0000000	0.00	0.0085776	4.91	0.0000839	238.31	0.0283010	141.27	0.712960	4.91	0.0007899	237.97	9.0871	4.54	16.02639	2.42	0.0000000	0.00	0.0027256	5.58
14D27137	2.9 %	✓	0.0533847	2.48	0.0000000	0.00	0.0009803	79.54	0.0000000	0.00	3.6810	79.54	0.0099776	2.48	0.0000000	0.00	0.0088292	4.89	0.0002643	80.57	0.0000000	0.00	0.733875	4.88	0.0024869	79.55	10.6442	3.91	15.77518	2.48	0.0000000	0.00	0.0028056	5.56
14D27139	3.0 %	✓	0.0462916	2.80	0.0000000	0.00	0.0018556	38.29	0.0000080	155.35	6.9681	38.29	0.0086519	2.80	0.0000000	0.00	0.0092138	4.75	0.0005003	40.38	0.0232662	155.36	0.765837	4.75	0.0047076	38.31	10.6609	3.83	13.67917	2.80	0.0000000	0.00	0.0029278	5.44
14D27140	3.2 %	✓	0.0570763	2.35	0.0000000	0.00	0.0016822	41.40	0.0000000	0.00	6.3170	41.40	0.0106676	2.35	0.0000000	0.00	0.0113685	3.81	0.0004536	43.34	0.0000000	0.00	0.944933	3.81	0.0042677	41.42	13.0368	3.23	16.86604	2.35	0.0000000	0.00	0.0036125	4.64
14D27141	3.4 %	✓	0.0576777	2.32	0.0000000	0.00	0.0015616	48.01	0.0000054	243.94	5.8642	48.01	0.0107800	2.32	0.0000000	0.00	0.0122919	3.32	0.0004210	49.69	0.0157681	243.94	1.021687	3.32	0.0039618	48.02	14.6979	2.86	17.04377	2.32	0.0000000	0.00	0.0039059	4.25
14D27143	3.6 %	✓	0.0649762	2.09	0.0000000	0.00	0.0025028	31.08	0.0000135	94.15	9.3983	31.08	0.0121440	2.09	0.0000000	0.00	0.0164285	2.80	0.0006748	33.62	0.0394056	94.15	1.365512	2.79	0.0063495	31.11	19.8690	2.14	19.20046	2.09	0.0000000	0.00	0.0052204	3.86
14D27144	3.9 %	✓	0.0649610	2.07	0.0000000	0.00	0.0030604	24.15	0.0000000	0.00	11.4924	24.15	0.0121412	2.07	0.0000000	0.00	0.0196562	2.30	0.0008252	27.35	0.0000000	0.00	1.633793	2.29	0.0077642	24.19	22.4802	1.88	19.19598	2.07	0.0000000	0.00	0.0062460	3.51
14D27145	4.2 %	✓	0.0654046	2.04	0.0000000	0.00	0.0033732	21.48	0.0000123	109.04	12.6668	21.48	0.0122241	2.04	0.0000000	0.00	0.0188336	2.30	0.0009095	25.02	0.0359622	109.04	1.565424	2.30	0.0085577	21.52	23.1056	1.81	19.32706	2.04	0.0000000	0.00	0.0059846	3.52
14D27147	4.5 %	✓	0.0605660	2.21	0.0000000	0.00	0.0037488	19.78	0.0000086	148.67	14.0774	19.78	0.0113198	2.21	0.0000000	0.00	0.0254499	1.78	0.0010108	23.57	0.0251836	148.67	2.115359	1.77	0.0095107	19.82	29.4982	1.42	17.89726	2.21	0.0000000	0.00	0.0080870	3.20
14D27148	4.8 %	✓	0.0505066	2.64	0.0000000	0.00	0.0038019	19.35	0.0000190	67.63	14.2766	19.35	0.0094397	2.64	0.0000000	0.00	0.0241300	1.74	0.0010251	23.22	0.0555757	67.64	2.005653	1.73	0.0096453	19.40	27.5119	1.52	14.92470	2.64	0.0000000	0.00	0.0076676	3.18
14D27149	5.1 %	✓	0.0501368	2.59	0.0000000	0.00	0.0041453	17.08	0.0000005	######	15.5665	17.08	0.0093706	2.59	0.0000000	0.00	0.0253152	1.79	0.0011177	21.36	0.0013896	######	2.104161	1.79	0.0105167	17.13	29.1886	1.40	14.81541	2.59	0.0000000	0.00	0.0080442	3.20
14D27151	5.4 %	✓	0.0632117	2.09	0.0000000	0.00	0.0052656	13.95	0.0000141	92.63	19.7730	13.95	0.0118143	2.09	0.0000000	0.00	0.0355080	1.34	0.0014197	18.95	0.0410672	92.64	2.951379	1.33	0.0133587	14.02	40.6407	1.02	18.67905	2.09	0.0000000	0.00	0.0112831	2.97
14D27152	5.8 %	✓	0.0354623	3.58	0.0000000	0.00	0.0059518	12.48	0.0000230	58.77	22.3501	12.48	0.0066279	3.58	0.0000000	0.00	0.0272044	1.55	0.0016047	17.89	0.0673096	58.78	2.261188	1.54	0.0150997	12.55	30.9701	1.30	10.47911	3.58	0.0000000	0.00	0.0086445	3.07
14D27153	6.2 %	✓	0.0658578	2.09	0.0000000	0.00	0.0089763	8.42	0.0000000	0.00	33.7075	8.42	0.0123088	2.09	0.0000000	0.00	0.0439422	1.01	0.0024202	15.34	0.0000000	0.00	3.652419	1.00	0.0227728	8.52	50.7082	0.85	19.46099	2.09	0.0000000	0.00	0.0139632	2.84
14D27155	6.8 %		0.0528732	2.49	0.0000000	0.00	0.0085756	8.48	0.0000000	0.00	32.2027	8.48	0.0098820	2.49	0.0000000	0.00	0.0424768	1.04	0.0023122	15.37	0.0000000	0.00	3.530613	1.03	0.0217561	8.58	47.5073	0.87	15.62402	2.49	0.0000000	0.00	0.0134975	2.85
14D27156	7.4 %		0.0556171	2.57	0.0000000	0.00	0.0091834	8.30	0.0000118	108.16	34.4850	8.30	0.0103948	2.57	0.0000000	0.00	0.0460499	0.94	0.0024760	15.27	0.0343384	108.16	3.827607	0.92	0.0232981	8.40	49.8049	0.89	16.43486	2.57	0.0000000	0.00	0.0146329	2.82
14D27157	8.3 %		0.0544551	2.53	0.0000000	0.00	0.0132964	5.51	0.0000000	0.00	49.9303	5.51	0.0101777	2.53	0.0000000	0.00	0.0608376	0.72	0.0035850	13.96	0.0000000	0.00	5.056739	0.70	0.0337329	5.67	66.4194	0.65	16.09147	2.53	0.0000000	0.00	0.0193319	2.75
14D27159	9.3 %		0.0583114	2.40	0.0000000	0.00	0.0176912	4.30	0.0000255	50.59	66.4332	4.29	0.0108984	2.40	0.0000000	0.00	0.0721995	0.65	0.0047699	13.52	0.0745223	50.60	6.001122	0.63	0.0448822	4.49	76.0259	0.57	17.23102	2.40	0.0000000	0.00	0.0229423	2.73
14D27163	10.7 %		0.0351000	3.91	0.0000000	0.00	0.0127300	6.35	0.0000127	99.78	47.8034	6.35	0.0065602	3.91	0.0000000	0.00	0.0484190	0.89	0.0034323	14.31	0.0370382	99.78	4.024521	0.87	0.0322960	6.49	49.0665	0.88	10.37205	3.91	0.0000000	0.00	0.0153857	2.80
14D27164	11.7 %		0.0335123	3.82	0.0000000	0.00	0.0138525	5.38	0.0000063	211.64	52.0184	5.38	0.0062635	3.82	0.0000000	0.00	0.0495795	0.93	0.0037349	13.90	0.0182695	211.64	4.120975	0.92	0.0351436	5.54	49.1134	0.82	9.90290	3.82	0.0000000	0.00	0.0157545	2.81
14D27166	13.5 %		0.0677335	2.11	0.0000000	0.00	0.0271568	2.79	0.0000080	155.02	101.9784	2.79	0.0126594	2.11	0.0000000	0.00	0.0652796	0.70	0.0073220	13.12	0.0234108	155.02	5.425951	0.68	0.0688966	3.09	61.8170	0.72	20.01525	2.11	0.0000000	0.00	0.0207434	2.75
14D27167	15.5 %		0.0431740	3.22	0.0000000	0.00	0.0289834	2.57	0.0000000	0.00	108.8372	2.57	0.0080692	3.22	0.0000000	0.00	0.0636715	0.72	0.0078145	13.07	0.0000000	0.00	5.292290	0.70	0.0735304	2.89	57.3589	0.76	12.75792	3.22	0.0000000	0.00	0.0202324	2.75
14D27168	17.6 %		0.0410533	3.33	0.0000000	0.00	0.0313381	2.44	0.0000003	######	117.6797	2.44	0.0076729	3.33	0.0000000	0.00	0.0532556	0.82	0.0084494	13.05	0.0008254	######	4.426536	0.80	0.0795044	2.77	47.8278	0.89	12.13124	3.33	0.0000000	0.00	0.0169226	2.78
14D27170	19.8 %		0.0372438	3.80	0.0000000	0.00	0.0360966	2.13	0.0000000	0.00	135.5487	2.13	0.0069609	3.80	0.0000000	0.00	0.0454505	0.99	0.0097324	12.99	0.0000000	0.00	3.777780	0.97	0.0915767	2.50	40.4213	1.09	11.00554	3.80	0.0000000	0.00	0.0144425	2.83
14D27171	22.1 %		0.0475602	2.98	0.0000000	0.00	0.0358606	2.27	0.0000000	0.00	134.6625	2.27	0.0088890	2.98	0.0000000	0.00	0.0326547	1.34	0.0096688	13.02	0.0000000	0.00	2.714215	1.33	0.0909780	2.62	31.2535	1.41	14.05405	2.98	0.0000000	0.00	0.0103764	2.97
14D27172	24.5 %		0.0943090	1.55	0.0000000	0.00	0.0407418	1.79	0.0000000	0.00	152.9922	1.78	0.0176263	1.55	0.0000000	0.00	0.0285574	1.50	0.0109848	12.94	0.0000000	0.00	2.373655	1.49	0.1033616	2.22	28.6051	1.59	27.86830	1.55	0.0000000	0.00	0.0090745	3.05
		Σ	3.2026893	0.28	0.0000000	0.00	0.3347330	1.33	0.0002058	28.30	1256.9770	1.33	0.5985826	0.28	0.0000000	0.00	1.0082782	0.26	0.0902509	3.69	0.6013817	28.30	83.806681	0.26	0.8492137	1.38	1085.2196	0.25	946.39469	0.28	0.0000000	0.00	0.3203929	0.60
		Σ							3.5376281	0.28	1256.9770	1.33									2.2984935	7.41			84.655894	0.26							2031.9346	0.19

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
14D27122	1.8 %		129.632950	2.454350	4.051502	1.517264	0.377388	0.007343	210.417	63.983036	1.00148669	1.110E-11
14D27124	1.9 %		88.883729	2.098104	5.769733	1.780765	0.242836	0.005882	210.439	64.011126	1.00148684	6.391E-12
14D27125	2.0 %		70.511677	3.644268	10.129395	3.626001	0.183176	0.009630	210.451	64.026054	1.00148693	2.431E-12
14D27127	2.1 %		66.093982	2.167441	2.268809	2.679889	0.174112	0.005879	210.474	64.055042	1.00148709	3.269E-12
14D27128	2.2 %	✓	51.538897	1.866581	0.492626	2.853376	0.129526	0.004840	210.485	64.069102	1.00148717	2.503E-12
14D27129	2.3 %	✓	45.941981	2.654027	7.002525	4.454561	0.108739	0.006522	210.497	64.084043	1.00148725	1.357E-12
14D27131	2.4 %	✓	43.306479	2.418560	6.240148	4.088354	0.101827	0.005930	210.519	64.113058	1.00148741	1.354E-12
14D27132	2.5 %	✓	42.921174	1.924354	0.842727	3.597316	0.098127	0.004652	210.531	64.127130	1.00148749	1.617E-12
14D27133	2.6 %	✓	39.845486	2.225287	3.081151	4.448302	0.088141	0.005195	210.542	64.141205	1.00148757	1.221E-12
14D27135	2.7 %	✓	38.139366	1.956091	11.606264	3.953378	0.084066	0.004575	210.565	64.170245	1.00148773	1.280E-12
14D27136	2.8 %	✓	35.189064	1.734065	1.638065	3.898878	0.076436	0.004037	210.576	64.185210	1.00148781	1.206E-12
14D27137	2.9 %	✓	35.882055	1.754041	4.998963	3.983661	0.073829	0.003871	210.588	64.199299	1.00148789	1.268E-12
14D27139	3.0 %	✓	31.591923	1.499388	9.043021	3.488795	0.062495	0.003262	210.610	64.228365	1.00148806	1.168E-12
14D27140	3.2 %	✓	31.506945	1.201758	6.655031	2.766571	0.061903	0.002635	210.622	64.243344	1.00148814	1.436E-12
14D27141	3.4 %	✓	30.951704	1.030828	5.717534	2.751266	0.057763	0.002192	210.633	64.257444	1.00148822	1.524E-12
14D27143	3.6 %	✓	28.482967	0.796985	6.850792	2.137832	0.049198	0.001587	210.656	64.286537	1.00148838	1.876E-12
14D27144	3.9 %	✓	25.391998	0.585519	7.000891	1.698505	0.041437	0.001168	210.667	64.300647	1.00148846	2.001E-12
14D27145	4.2 %	✓	26.962585	0.622361	8.047603	1.738497	0.043704	0.001226	210.679	64.315643	1.00148854	2.037E-12
14D27147	4.5 %	✓	22.308903	0.398357	6.625080	1.315310	0.030272	0.000747	210.702	64.344762	1.00148870	2.275E-12
14D27148	4.8 %	✓	21.061031	0.369789	7.084101	1.376506	0.026958	0.000721	210.713	64.358885	1.00148878	2.037E-12
14D27149	5.1 %	✓	20.812672	0.375546	7.361151	1.264049	0.025669	0.000688	210.725	64.373894	1.00148886	2.113E-12
14D27151	5.4 %	✓	20.012236	0.268770	6.669408	0.934755	0.023102	0.000480	210.747	64.402156	1.00148902	2.848E-12
14D27152	5.8 %	✓	18.212914	0.285178	9.818665	1.234769	0.018204	0.000532	210.759	64.417176	1.00148911	1.990E-12
14D27153	6.2 %	✓	19.096466	0.193595	9.171627	0.777585	0.020362	0.000373	210.770	64.431315	1.00148918	3.369E-12
14D27155	6.8 %		17.775421	0.185291	9.065133	0.774051	0.017298	0.000356	210.793	64.460486	1.00148935	3.031E-12
14D27156	7.4 %		17.204895	0.161648	8.955040	0.747613	0.016830	0.000349	210.805	64.475519	1.00148943	3.180E-12
14D27157	8.3 %		16.212688	0.116723	9.808576	0.545064	0.013309	0.000247	210.816	64.489671	1.00148951	3.961E-12
14D27159	9.3 %		15.428357	0.099910	10.987946	0.476774	0.012575	0.000210	210.839	64.518869	1.00148967	4.477E-12
14D27163	10.7 %		14.655305	0.131432	11.783465	0.755393	0.011793	0.000292	210.903	64.600338	1.00149012	2.854E-12
14D27164	11.7 %		14.203637	0.133491	12.516088	0.683028	0.011398	0.000271	210.915	64.615404	1.00149020	2.834E-12
14D27166	13.5 %		14.896309	0.102867	18.558910	0.532267	0.017270	0.000248	210.937	64.643772	1.00149036	3.929E-12
14D27167	15.5 %		13.071080	0.094103	20.283424	0.539053	0.013448	0.000238	210.949	64.658848	1.00149044	3.367E-12
14D27168	17.6 %		13.310130	0.109070	26.115982	0.668674	0.016065	0.000281	210.960	64.673040	1.00149052	2.879E-12
14D27170	19.8 %		13.294531	0.131205	35.031331	0.815235	0.018954	0.000355	210.983	64.702321	1.00149069	2.469E-12
14D27171	22.1 %		16.155017	0.213343	48.004710	1.250366	0.029738	0.000562	210.994	64.717410	1.00149077	2.175E-12
14D27172	24.5 %		22.802617	0.329162	61.764729	1.408529	0.054522	0.000928	211.006	64.731615	1.00149085	2.711E-12

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
14D27122	1.8 %	0.0266989 ± 0.0007885	0.0555919 ± 0.0299377	0.2975381 ± 0.0262562	0.0309683 ± 0.0249136	7.8269483 ± 0.1385809
14D27124	1.9 %	0.0267101 ± 0.0007885	0.0479140 ± 0.0299377	0.2964875 ± 0.0262562	0.0349302 ± 0.0249136	7.7966926 ± 0.1385809
14D27125	2.0 %	0.0267024 ± 0.0007885	0.0446333 ± 0.0299377	0.2963065 ± 0.0262562	0.0356589 ± 0.0249136	7.7823517 ± 0.1385809
14D27127	2.1 %	0.0266646 ± 0.0007885	0.0396659 ± 0.0299377	0.2965540 ± 0.0262562	0.0348567 ± 0.0249136	7.7576869 ± 0.1385809
14D27128	2.2 %	0.0266370 ± 0.0007885	0.0378574 ± 0.0299377	0.2969058 ± 0.0262562	0.0335966 ± 0.0249136	7.7471451 ± 0.1385809
14D27129	2.3 %	0.0266021 ± 0.0007885	0.0363196 ± 0.0299377	0.2974098 ± 0.0262562	0.0317571 ± 0.0249136	7.7368979 ± 0.1385809
14D27131	2.4 %	0.0265211 ± 0.0007885	0.0343364 ± 0.0299377	0.2986749 ± 0.0262562	0.0270487 ± 0.0249136	7.7196487 ± 0.1385809
14D27132	2.5 %	0.0264769 ± 0.0007885	0.0337929 ± 0.0299377	0.2993817 ± 0.0262562	0.0243736 ± 0.0249136	7.7124707 ± 0.1385809
14D27133	2.6 %	0.0264302 ± 0.0007885	0.0334867 ± 0.0299377	0.3001241 ± 0.0262562	0.0215312 ± 0.0249136	7.7060256 ± 0.1385809
14D27135	2.7 %	0.0263287 ± 0.0007885	0.0334977 ± 0.0299377	0.3016949 ± 0.0262562	0.0153952 ± 0.0249136	7.6949329 ± 0.1385809
14D27136	2.8 %	0.0262749 ± 0.0007885	0.0337867 ± 0.0299377	0.3024896 ± 0.0262562	0.0122152 ± 0.0249136	7.6903211 ± 0.1385809
14D27137	2.9 %	0.0262240 ± 0.0007885	0.0342027 ± 0.0299377	0.3032085 ± 0.0262562	0.0092808 ± 0.0249136	7.6866361 ± 0.1385809
14D27139	3.0 %	0.0261204 ± 0.0007885	0.0354090 ± 0.0299377	0.3045496 ± 0.0262562	0.0035976 ± 0.0249136	7.6809699 ± 0.1385809
14D27140	3.2 %	0.0260687 ± 0.0007885	0.0361679 ± 0.0299377	0.3051416 ± 0.0262562	0.0009521 ± 0.0249136	7.6790360 ± 0.1385809
14D27141	3.4 %	0.0260216 ± 0.0007885	0.0369406 ± 0.0299377	0.3056242 ± 0.0262562	0.0013147 ± 0.0249136	7.6778123 ± 0.1385809
14D27143	3.6 %	0.0259310 ± 0.0007885	0.0386375 ± 0.0299377	0.3063592 ± 0.0262562	0.0051868 ± 0.0249136	7.6770841 ± 0.1385809
14D27144	3.9 %	0.0258909 ± 0.0007885	0.0394764 ± 0.0299377	0.3065770 ± 0.0262562	0.0066277 ± 0.0249136	7.6775931 ± 0.1385809
14D27145	4.2 %	0.0258514 ± 0.0007885	0.0403564 ± 0.0299377	0.3067027 ± 0.0262562	0.0078196 ± 0.0249136	7.6787491 ± 0.1385809
14D27147	4.5 %	0.0257851 ± 0.0007885	0.0419705 ± 0.0299377	0.3066240 ± 0.0262562	0.0090839 ± 0.0249136	7.6828143 ± 0.1385809
14D27148	4.8 %	0.0257583 ± 0.0007885	0.0426818 ± 0.0299377	0.3064302 ± 0.0262562	0.0091841 ± 0.0249136	7.6856624 ± 0.1385809
14D27149	5.1 %	0.0257340 ± 0.0007885	0.0433694 ± 0.0299377	0.3061134 ± 0.0262562	0.0089210 ± 0.0249136	7.6893294 ± 0.1385809
14D27151	5.4 %	0.0257004 ± 0.0007885	0.0444312 ± 0.0299377	0.3052165 ± 0.0262562	0.0074102 ± 0.0249136	7.6980744 ± 0.1385809
14D27152	5.8 %	0.0256893 ± 0.0007885	0.0448521 ± 0.0299377	0.3045884 ± 0.0262562	0.0060887 ± 0.0249136	7.7037334 ± 0.1385809
14D27153	6.2 %	0.0256831 ± 0.0007885	0.0451467 ± 0.0299377	0.3039085 ± 0.0262562	0.0045357 ± 0.0249136	7.7097276 ± 0.1385809
14D27155	6.8 %	0.0256839 ± 0.0007885	0.0454158 ± 0.0299377	0.3022642 ± 0.0262562	0.0004730 ± 0.0249136	7.7242325 ± 0.1385809
14D27156	7.4 %	0.0256914 ± 0.0007885	0.0453649 ± 0.0299377	0.3013093 ± 0.0262562	0.0020145 ± 0.0249136	7.7328880 ± 0.1385809
14D27157	8.3 %	0.0257029 ± 0.0007885	0.0451935 ± 0.0299377	0.3003578 ± 0.0262562	0.0045581 ± 0.0249136	7.7418096 ± 0.1385809
14D27159	9.3 %	0.0257396 ± 0.0007885	0.0444510 ± 0.0299377	0.2982844 ± 0.0262562	0.0102677 ± 0.0249136	7.7627225 ± 0.1385809
14D27163	10.7 %	0.0259260 ± 0.0007885	0.0395928 ± 0.0299377	0.2926819 ± 0.0262562	0.0264681 ± 0.0249136	7.8413846 ± 0.1385809
14D27164	11.7 %	0.0259719 ± 0.0007885	0.0382664 ± 0.0299377	0.2918629 ± 0.0262562	0.0289159 ± 0.0249136	7.8596677 ± 0.1385809
14D27166	13.5 %	0.0260655 ± 0.0007885	0.0354466 ± 0.0299377	0.2906904 ± 0.0262562	0.0324700 ± 0.0249136	7.8977049 ± 0.1385809
14D27167	15.5 %	0.0261184 ± 0.0007885	0.0337917 ± 0.0299377	0.2903163 ± 0.0262562	0.0336299 ± 0.0249136	7.9199616 ± 0.1385809
14D27168	17.6 %	0.0261696 ± 0.0007885	0.0321456 ± 0.0299377	0.2901569 ± 0.0262562	0.0341478 ± 0.0249136	7.9422905 ± 0.1385809
14D27170	19.8 %	0.0262780 ± 0.0007885	0.0285195 ± 0.0299377	0.2905351 ± 0.0262562	0.0330841 ± 0.0249136	7.9928466 ± 0.1385809
14D27171	22.1 %	0.0263343 ± 0.0007885	0.0265537 ± 0.0299377	0.2911662 ± 0.0262562	0.0312072 ± 0.0249136	8.0214075 ± 0.1385809
14D27172	24.5 %	0.0263868 ± 0.0007885	0.0246590 ± 0.0299377	0.2920735 ± 0.0262562	0.0284787 ± 0.0249136	8.0499495 ± 0.1385809

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)
14D27122	1.8 %	0.6690709 ± 0.0021834	0.7473	EXP 150 of 150	0.0549873 ± 0.0285266	0.0005	EXP 150 of 150	0.1074426 ± 0.0298998	0.0050	EXP 150 of 150	1.7373087 ± 0.0223054	0.0123	EXP 150 of 150	239.583046 ± 0.042894	0.9899	EXP 150 of 150
14D27124	1.9 %	0.3739160 ± 0.0014767	0.5433	EXP 150 of 150	0.0843062 ± 0.0275434	0.0022	EXP 150 of 150	0.2026075 ± 0.0264386	0.0101	EXP 150 of 150	1.4504077 ± 0.0245980	0.0866	EXP 150 of 150	141.275732 ± 0.039446	0.9020	EXP 150 of 150
14D27125	2.0 %	0.1522858 ± 0.0009182	0.0502	EXP 150 of 150	0.0666461 ± 0.0256330	0.0254	EXP 150 of 150	0.2391620 ± 0.0257708	0.0072	EXP 150 of 150	0.6765638 ± 0.0270202	0.0224	EXP 150 of 150	58.556473 ± 0.030883	0.9844	EXP 150 of 150
14D27127	2.1 %	0.1979174 ± 0.0010862	0.3274	EXP 150 of 150	0.0039241 ± 0.0297432	0.0042	EXP 149 of 150	0.3110468 ± 0.0255869	0.0222	EXP 149 of 150	0.9869300 ± 0.0222950	0.0003	EXP 150 of 150	76.036790 ± 0.033535	0.9482	EXP 150 of 150
14D27128	2.2 %	0.1517136 ± 0.0008387	0.2040	EXP 150 of 150	0.0302399 ± 0.0324095	0.0215	EXP 150 of 150	0.2601215 ± 0.0264508	0.0008	EXP 149 of 150	0.9695609 ± 0.0262938	0.0226	EXP 150 of 150	60.019243 ± 0.032562	0.9768	EXP 150 of 150
14D27129	2.3 %	0.0904674 ± 0.0007162	0.0247	EXP 150 of 150	0.0295232 ± 0.0290441	0.0020	EXP 150 of 150	0.2828055 ± 0.0288557	0.0005	EXP 150 of 150	0.5783859 ± 0.0247412	0.0003	EXP 150 of 150	36.077368 ± 0.032837	0.9892	EXP 150 of 150
14D27131	2.4 %	0.0898302 ± 0.0007352	0.0207	EXP 150 of 150	0.0277470 ± 0.0273153	0.0065	EXP 150 of 150	0.2837215 ± 0.0256767	0.0049	EXP 149 of 150	0.6188362 ± 0.0258801	0.0024	EXP 150 of 150	35.999282 ± 0.029504	0.9903	EXP 150 of 150
14D27132	2.5 %	0.1000133 ± 0.0008479	0.0073	EXP 150 of 150	0.0236891 ± 0.0310434	0.0085	EXP 150 of 150	0.3154327 ± 0.0261691	0.0178	EXP 150 of 150	0.7541405 ± 0.0242226	0.0001	EXP 150 of 150	41.495914 ± 0.028350	0.9890	EXP 150 of 150
14D27133	2.6 %	0.0801573 ± 0.0006851	0.0562	EXP 150 of 150	0.0034455 ± 0.0313359	0.0004	EXP 150 of 150	0.2958881 ± 0.0281173	0.0079	EXP 150 of 150	0.6117087 ± 0.0248471	0.0001	EXP 150 of 150	33.216189 ± 0.031640	0.9894	EXP 150 of 150
14D27135	2.7 %	0.0824492 ± 0.0006963	0.0217	EXP 150 of 150	0.0903772 ± 0.0290447	0.0311	EXP 150 of 150	0.2915585 ± 0.0267188	0.0000	EXP 150 of 150	0.6781134 ± 0.0251155	0.0182	EXP 150 of 150	34.436770 ± 0.027914	0.9908	EXP 150 of 150
14D27136	2.8 %	0.0783514 ± 0.0006515	0.0108	EXP 150 of 150	0.0159479 ± 0.0300960	0.0042	EXP 150 of 150	0.2560407 ± 0.0294063	0.0025	EXP 150 of 150	0.6955637 ± 0.0240760	0.0379	EXP 150 of 150	32.871221 ± 0.031067	0.9887	EXP 150 of 150
14D27137	2.9 %	0.0781183 ± 0.0006344	0.0553	EXP 150 of 150	0.0219493 ± 0.0331434	0.0084	EXP 150 of 150	0.3024599 ± 0.0254688	0.0156	EXP 150 of 150	0.7209204 ± 0.0252579	0.0003	EXP 150 of 150	34.176872 ± 0.029014	0.9894	EXP 150 of 150
14D27139	3.0 %	0.0720871 ± 0.0006575	0.0870	EXP 150 of 150	0.0708359 ± 0.0275384	0.0247	EXP 150 of 150	0.2634922 ± 0.0240983	0.0051	EXP 150 of 150	0.7605004 ± 0.0259715	0.0141	EXP 150 of 150	32.086666 ± 0.029587	0.9893	EXP 149 of 150
14D27140	3.2 %	0.0821569 ± 0.0007409	0.0076	EXP 150 of 150	0.0601272 ± 0.0263165	0.0028	EXP 150 of 150	0.3042952 ± 0.0250432	0.0074	EXP 150 of 150	0.9403072 ± 0.0254557	0.0204	EXP 150 of 150	37.662490 ± 0.031277	0.9853	EXP 150 of 150
14D27141	3.4 %	0.0825740 ± 0.0006911	0.0299	EXP 150 of 150	0.0524328 ± 0.0307288	0.0003	EXP 150 of 150	0.2669052 ± 0.0273694	0.0000	EXP 150 of 150	1.0183826 ± 0.0224849	0.0057	EXP 149 of 150	39.505172 ± 0.031871	0.9840	EXP 150 of 150
14D27143	3.6 %	0.0903562 ± 0.0006869	0.0431	EXP 150 of 150	0.1045335 ± 0.0329122	0.0015	EXP 150 of 150	0.2386540 ± 0.0254679	0.0026	EXP 150 of 150	1.3655705 ± 0.0283366	0.0129	EXP 150 of 150	46.852430 ± 0.033040	0.9753	EXP 150 of 150
14D27144	3.9 %	0.0908210 ± 0.0007084	0.0220	EXP 150 of 150	0.1355559 ± 0.0298306	0.0001	EXP 150 of 150	0.2897597 ± 0.0237931	0.0087	EXP 150 of 150	1.6344512 ± 0.0275097	0.1085	EXP 150 of 150	49.467404 ± 0.027892	0.9794	EXP 150 of 150
14D27145	4.2 %	0.0915152 ± 0.0007000	0.0136	EXP 150 of 150	0.1525176 ± 0.0286165	0.0129	EXP 150 of 150	0.2397110 ± 0.0283803	0.0017	EXP 150 of 150	1.5686327 ± 0.0254752	0.0276	EXP 149 of 150	50.226707 ± 0.031813	0.9701	EXP 150 of 150
14D27147	4.5 %	0.0871853 ± 0.0006914	0.0445	EXP 150 of 150	0.1722861 ± 0.0299521	0.0013	EXP 150 of 150	0.2445292 ± 0.0259490	0.0003	EXP 150 of 150	2.1161748 ± 0.0274383	0.2002	EXP 150 of 150	55.208438 ± 0.034718	0.9516	EXP 150 of 150
14D27148	4.8 %	0.0776168 ± 0.0006947	0.0680	EXP 150 of 150	0.1745581 ± 0.0294902	0.0035	EXP 150 of 150	0.2175045 ± 0.0261505	0.0181	EXP 150 of 150	2.0076209 ± 0.0237518	0.1867	EXP 150 of 150	50.239275 ± 0.031803	0.9689	EXP 150 of 150
14D27149	5.1 %	0.0775497 ± 0.0006652	0.0686	EXP 150 of 150	0.1934429 ± 0.0271568	0.0008	EXP 150 of 150	0.2694339 ± 0.0295900	0.0000	EXP 149 of 150	2.1059053 ± 0.0276262	0.1277	EXP 150 of 150	51.814807 ± 0.033267	0.9620	EXP 150 of 150
14D27151	5.4 %	0.0910791 ± 0.0006657	0.0335	EXP 150 of 150	0.2562436 ± 0.0293300	0.0023	EXP 150 of 150	0.2166471 ± 0.0267844	0.0069	EXP 150 of 150	2.9473413 ± 0.0297497	0.2214	EXP 150 of 150	67.181947 ± 0.031887	0.8818	EXP 149 of 150
14D27152	5.8 %	0.0652433 ± 0.0005792	0.1624	EXP 150 of 150	0.2949312 ± 0.0299680	0.0321	EXP 150 of 150	0.2032603 ± 0.0288390	0.0132	EXP 150 of 150	2.2633306 ± 0.0238000	0.2641	EXP 150 of 150	49.268377 ± 0.032716	0.9652	EXP 150 of 150
14D27153	6.2 %	0.0971163 ± 0.0007430	0.0141	EXP 150 of 150	0.4671875 ± 0.0308895	0.0288	EXP 150 of 150	0.2641638 ± 0.0251714	0.0031	EXP 150 of 150	3.6489757 ± 0.0261539	0.3720	EXP 150 of 150	78.073701 ± 0.032713	0.5554	EXP 150 of 150
14D27155	6.8 %	0.0843401 ± 0.0006754	0.0274	EXP 150 of 150	0.4438250 ± 0.0285414	0.0032	EXP 150 of 150	0.2795084 ± 0.0270755	0.0044	EXP 150 of 150	3.5231175 ± 0.0256769	0.3765	EXP 150 of 150	71.031756 ± 0.032996	0.7912	EXP 150 of 150
14D27156	7.4 %	0.0875582 ± 0.0008231	0.0115	EXP 150 of 150	0.4784280 ± 0.0313390	0.0000	EXP 150 of 150	0.2093376 ± 0.0255244	0.0004	EXP 150 of 150	3.8166684 ± 0.0243392	0.4778	EXP 150 of 150	74.157996 ± 0.035539	0.6757	EXP 150 of 150
14D27157	8.3 %	0.0903754 ± 0.0007654	0.0327	EXP 150 of 150	0.7130312 ± 0.0287785	0.0008	EXP 150 of 150	0.2723505 ± 0.0259664	0.0432	EXP 150 of 150	5.0433189 ± 0.0247417	0.5205	EXP 150 of 150	90.484659 ± 0.036827	0.3757	EXP 150 of 150
14D27159	9.3 %	0.0983125 ± 0.0007697	0.0174	EXP 150 of 150	0.9639245 ± 0.0306199	0.0601	EXP 150 of 150	0.1381362 ± 0.0262958	0.0487	EXP 150 of 150	5.9851449 ± 0.0280431	0.6401	EXP 150 of 150	101.282940 ± 0.035784	0.8297	EXP 150 of 150
14D27163	10.7 %	0.0715944 ± 0.0006944	0.0704	EXP 150 of 150	0.6850896 ± 0.0346684	0.0312	EXP 150 of 150	0.1985499 ± 0.0252600	0.0067	EXP 150 of 150	3.9964007 ± 0.0240981	0.4463	EXP 150 of 150	67.448443 ± 0.034782	0.7588	EXP 150 of 150
14D27164	11.7 %	0.0711901 ± 0.0005927	0.1746	EXP 149 of 150	0.7501299 ± 0.0296454	0.0294	EXP 150 of 150	0.2150903 ± 0.0276374	0.0078	EXP 150 of 150	4.0924234 ± 0.0278244	0.3835	EXP 150 of 150	67.043755 ± 0.031177	0.8077	EXP 150 of 150
14D27166	13.5 %	0.1166511 ± 0.0008044	0.0313	EXP 150 of 150	1.5094716 ± 0.0294214	0.0891	EXP 150 of 150	0.1835188 ± 0.0242920	0.0003	EXP 150 of 150	5.4163944 ± 0.0263102	0.5850	EXP 150 of 150	89.961528 ± 0.033573	0.7384	EXP 150 of 150
14D27167	15.5 %	0.0949965 ± 0.0007729	0.0043	EXP 150 of 150	1.6146497 ± 0.0280257	0.1220	EXP 150 of 150	0.2466390 ± 0.0274899	0.0187	EXP 150 of 150	5.2872867 ± 0.0267943	0.5960	EXP 150 of 150	78.237722 ± 0.032884	0.0333	EXP 150 of 150
14D27168	17.6 %	0.0952714 ± 0.0007134	0.0071	EXP 150 of 150	1.7498317 ± 0.0293937	0.0447	EXP 150 of 150	0.2209228 ± 0.0253126	0.0002	EXP 149 of 150	4.4341829 ± 0.0244780	0.5923	EXP 150 of 150	68.072780 ± 0.032674	0.6884	EXP 150 of 150
14D27170	19.8 %	0.0962854 ± 0.0007894	0.0149	EXP 150 of 150	2.0231130 ± 0.0289510	0.1331	EXP 150 of 150	0.2872194 ± 0.0253632	0.0222	EXP 150 of 150	3.8038907 ± 0.0263637	0.4840	EXP 150 of 150	59.566650 ± 0.031032	0.8681	EXP 150 of 150
14D27171	22.1 %	0.1059640 ± 0.0007421	0.0017	EXP 150 of 150	2.0111901 ± 0.0327433	0.1332	EXP 149 of 150	0.2728961 ± 0.0244738	0.0057	EXP 150 of 150	2.7505099 ± 0.0255005	0.2064	EXP 149 of 150	53.456105 ± 0.028642	0.9369	EXP 150 of 150
14D27172	24.5 %	0.1553001 ± 0.0008401	0.1572	EXP 150 of 150	2.2899466 ± 0.0243831	0.3829	EXP 149 of 150	0.2408578 ± 0.0261155	0.0009	EXP 150 of 150	2.4278077 ± 0.0244103	0.2102	EXP 150 of 150	64.677917 ± 0.031188	0.7825	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
14D27122	1.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27124	1.9 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27125	2.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27127	2.1 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27128	2.2 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27129	2.3 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27131	2.4 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27132	2.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27133	2.6 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27135	2.7 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27136	2.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27137	2.9 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27139	3.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27140	3.2 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27141	3.4 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27143	3.6 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27144	3.9 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27145	4.2 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27147	4.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27148	4.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27149	5.1 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27151	5.4 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27152	5.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27153	6.2 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27155	6.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27156	7.4 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27157	8.3 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27159	9.3 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27163	10.7 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27164	11.7 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27166	13.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27167	15.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27168	17.6 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27170	19.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27171	22.1 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	01
14D27172	24.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	47.90	French Polynesia\Rurutu (13-INT-08)	14D27121	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
14D27122	1.8 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	1	9	1
14D27124	1.9 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	1	41	1
14D27125	2.0 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	1	58	1
14D27127	2.1 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	2	31	1
14D27128	2.2 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	2	47	1
14D27129	2.3 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	3	4	1
14D27131	2.4 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	3	37	1
14D27132	2.5 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	3	53	1
14D27133	2.6 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	4	9	1
14D27135	2.7 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	4	42	1
14D27136	2.8 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	4	59	1
14D27137	2.9 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	5	15	1
14D27139	3.0 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	5	48	1
14D27140	3.2 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	6	5	1
14D27141	3.4 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	6	21	1
14D27143	3.6 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	6	54	1
14D27144	3.9 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	7	10	1
14D27145	4.2 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	7	27	1
14D27147	4.5 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	8	0	1
14D27148	4.8 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	8	16	1
14D27149	5.1 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	8	33	1
14D27151	5.4 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	9	5	1
14D27152	5.8 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	9	22	1
14D27153	6.2 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	9	38	1
14D27155	6.8 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	10	11	1
14D27156	7.4 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	10	28	1
14D27157	8.3 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	10	44	1
14D27159	9.3 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	11	17	1
14D27163	10.7 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	12	49	1
14D27164	11.7 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	13	6	1
14D27166	13.5 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	13	38	1
14D27167	15.5 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	13	55	1
14D27168	17.6 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	14	11	1
14D27170	19.8 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	14	44	1
14D27171	22.1 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	15	1	1
14D27172	24.5 %	RR1310-D14-01	Groundmass	Rurutu Hotspot	FCT-NM (2A40-14)	28.201	0.082	Kuiper et al. (2008)	8.93178	0.094	0.00175972	0.094	303.881	0.136	0.99309612	0.067	1	4.8E-14	11	OCT	2014	15	17	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
14D27122	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
14D27124	1.9 %	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
14D27125	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
14D27127	2.1 %	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
14D27128	2.2 %	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
14D27129	2.3 %	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
14D27131	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
14D27132	2.5 %	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
14D27133	2.6 %	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
14D27135	2.7 %	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
14D27136	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
14D27137	2.9 %	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
14D27139	3.0 %	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
14D27140	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
14D27141	3.4 %	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
14D27143	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
14D27144	3.9 %	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
14D27145	4.2 %	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
14D27147	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
14D27148	4.8 %	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
14D27149	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
14D27151	5.4 %	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
14D27152	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
14D27153	6.2 %	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
14D27155	6.8 %	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
14D27156	7.4 %	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
14D27157	8.3 %	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
14D27159	9.3 %	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
14D27163	10.7 %	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
14D27164	11.7 %	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
14D27166	13.5 %	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
14D27167	15.5 %	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
14D27168	17.6 %	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
14D27170	19.8 %	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
14D27171	22.1 %	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
14D27172	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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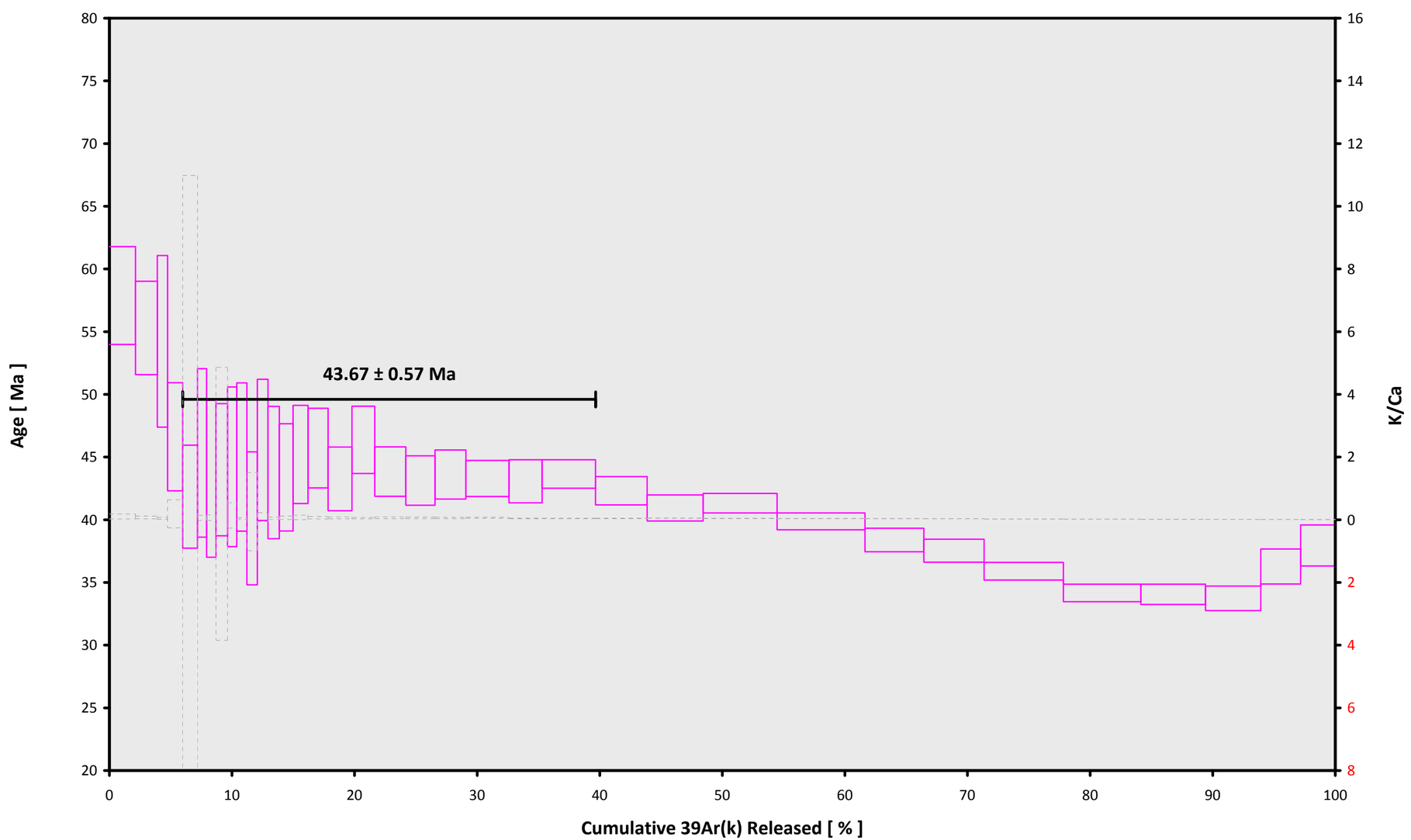


Ar-Ages in Ma

WEIGHTED PLATEAU
43.67 ± 0.57
TOTAL FUSION
40.74 ± 0.30
NORMAL ISOCHRON
43.55 ± 0.95
INVERSE ISOCHRON
43.55 ± 0.96

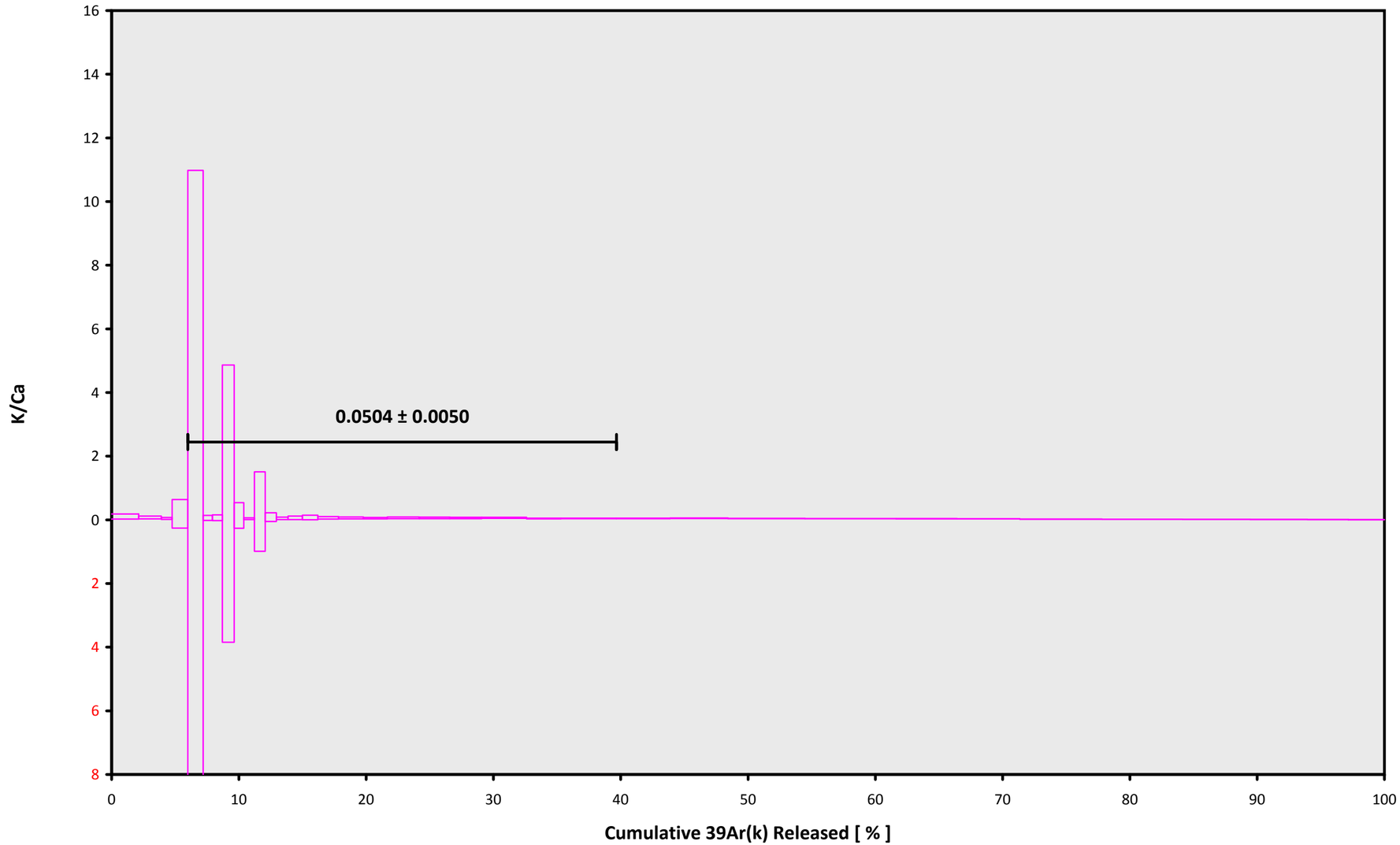
MSWD (PROBABILITY)
0.58 (92%)

Sample Info

Groundmass
Rurutu Hotspot
Kevin Konrad

IRR = 14-OSU-02 (2A40-14)
J = 0.00175972 ± 0.00000165

14D27121.AGE >>> RR1310-D14-01 >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

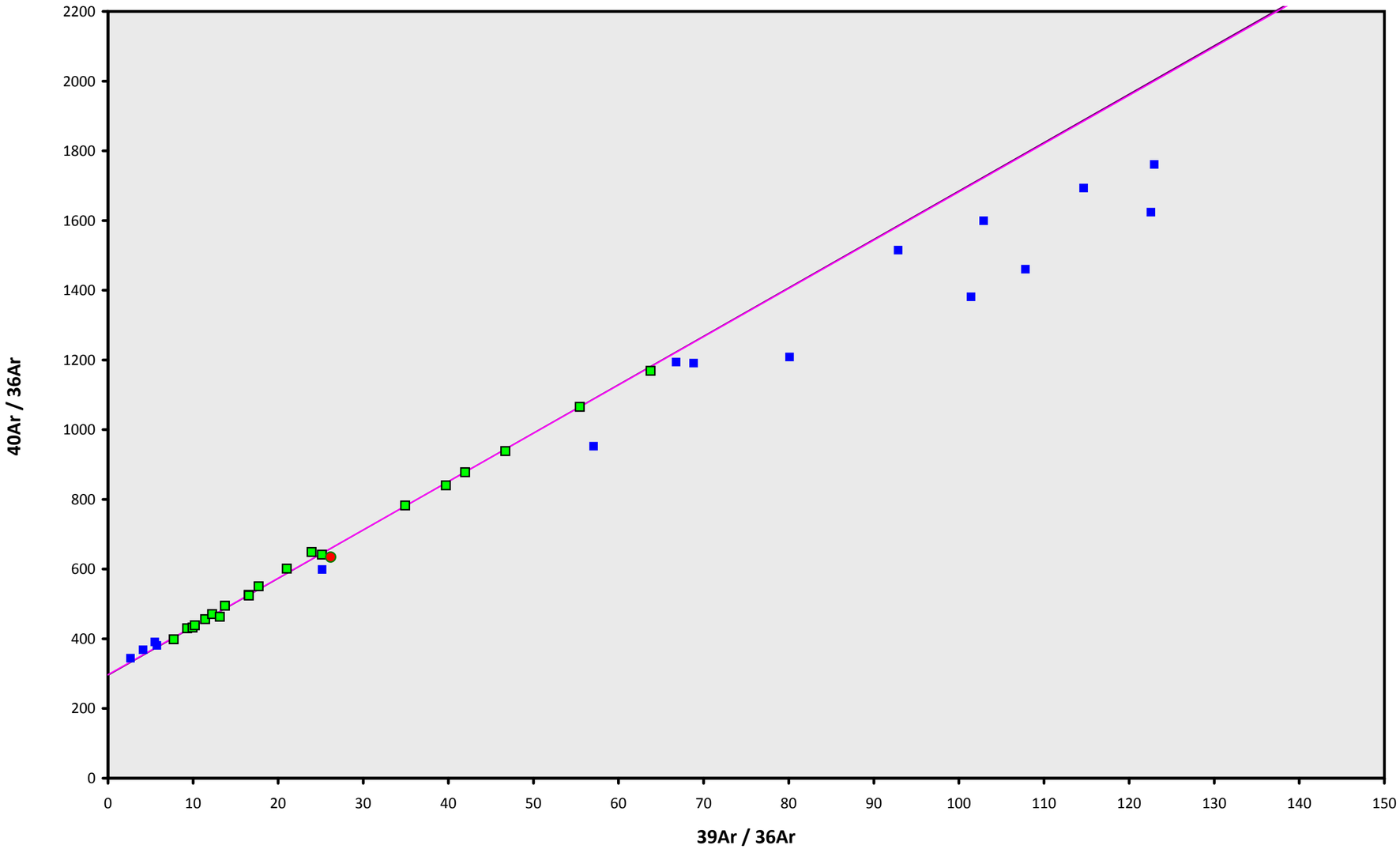
WEIGHTED PLATEAU
43.67 ± 0.57
TOTAL FUSION
40.74 ± 0.30
NORMAL ISOCHRON
43.55 ± 0.95
INVERSE ISOCHRON
43.55 ± 0.96

Sample Info

Groundmass
Rurutu Hotspot
Kevin Konrad

IRR = 14-OSU-02 (2A40-14)
J = 0.00175972 ± 0.00000165

14D27121.AGE >>> RR1310-D14-01 >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
43.67 ± 0.57
TOTAL FUSION
40.74 ± 0.30
NORMAL ISOCHRON
43.55 ± 0.95
INVERSE ISOCHRON
43.55 ± 0.96

MSWD (PROBABILITY)
0.61 (89%)

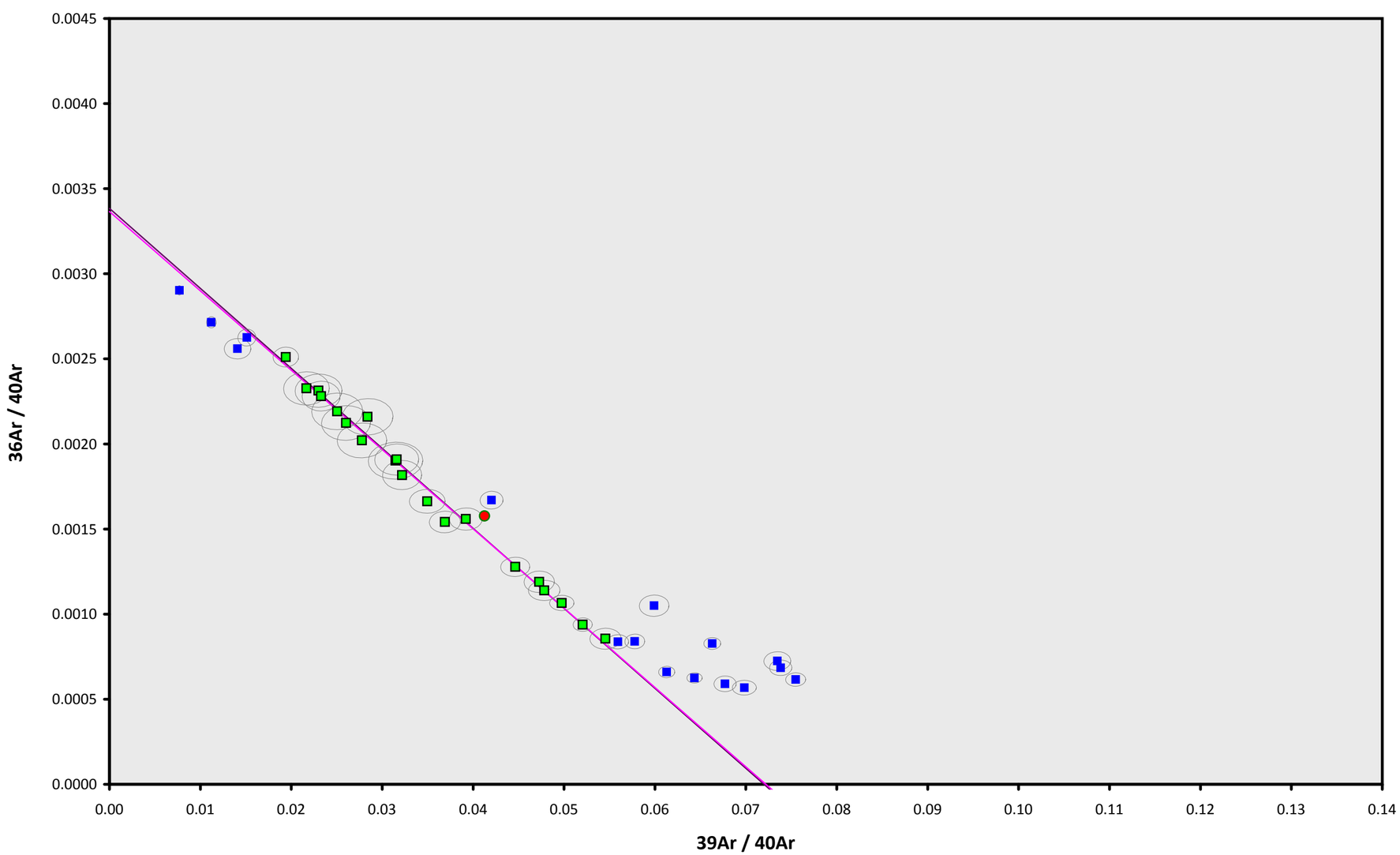
40AR/36AR INTERCEPT
296.9 ± 7.8

Sample Info

Groundmass
Rurutu Hotspot
Kevin Konrad

IRR = 14-OSU-02 (2A40-14)
J = 0.00175972 ± 0.00000165

14D27121.AGE >>> RR1310-D14-01 >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
43.67 ± 0.57
TOTAL FUSION
40.74 ± 0.30
NORMAL ISOCHRON
43.55 ± 0.95
INVERSE ISOCHRON
43.55 ± 0.96

MSWD (PROBABILITY)
0.62 (89%)

SPREADING FACTOR
48.7%

40AR/36AR INTERCEPT
297.1 ± 7.8

Sample Info

Groundmass
Rurutu Hotspot
Kevin Konrad

IRR = 14-OSU-02 (2A40-14)
J = 0.00175972 ± 0.00000165