

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
14D27453	0.9 %	0.0640366	1.769	30.2396	9.638	0.0255517	153.986	1.11900	3.265	35.3682	0.330	17.13202 ± 1.37590	53.95 ± 4.27	53.21	0.92	0.0156 ± 0.0032
14D27454	1.4 %	0.1126072	1.174	84.7688	3.504	0.0753411	49.210	2.67171	1.310	76.7612	0.153	19.18136 ± 0.62773	60.29 ± 1.94	65.33	2.18	0.0133 ± 0.0010
14D27455	1.8 %	0.1078919	1.122	166.7534	1.897	0.0708355	51.849	4.93300	0.730	114.4637	0.103	19.85032 ± 0.35159	62.36 ± 1.09	83.59	4.03	0.0124 ± 0.0005
14D27457	2.0 %	0.0625215	1.854	149.9568	2.015	0.0467892	78.717	4.19499	0.861	90.8608	0.129	20.56106 ± 0.42093	64.55 ± 1.30	92.64	3.42	0.0117 ± 0.0005
14D27458	2.4 %	0.0701155	1.654	196.9562	1.584	0.1101468	34.729	5.59854	0.683	116.8477	0.101	20.42078 ± 0.32825	64.12 ± 1.01	95.52	4.57	0.0119 ± 0.0004
14D27459	2.8 %	0.0601700	1.890	168.8433	1.902	0.0332595	117.285	4.89641	0.774	101.9693	0.115	20.37860 ± 0.37179	63.99 ± 1.15	95.58	3.99	0.0122 ± 0.0005
14D27461	3.2 %	0.0917226	1.278	192.2157	1.559	0.0908197	42.064	5.71258	0.657	123.6686	0.096	20.00268 ± 0.31178	62.83 ± 0.96	90.30	4.66	0.0125 ± 0.0004
14D27462	3.6 %	0.0645521	1.774	193.1185	1.667	0.0378774	102.261	5.86227	0.651	119.4138	0.100	20.15311 ± 0.30970	63.29 ± 0.96	96.73	4.79	0.0128 ± 0.0005
14D27463	4.0 %	0.0800788	1.568	218.0661	1.522	0.0810105	46.769	6.57368	0.594	138.5014	0.085	20.53629 ± 0.29001	64.48 ± 0.89	95.29	5.37	0.0127 ± 0.0004
14D27465	4.5 %	0.0711945	1.605	208.0579	1.557	0.0876108	43.903	6.46336	0.581	132.9024	0.088	20.27785 ± 0.27881	63.68 ± 0.86	96.47	5.28	0.0131 ± 0.0004
14D27466	5.1 %	0.0788502	1.524	226.0536	1.442	0.0923862	39.079	7.02329	0.551	145.3222	0.082	20.34537 ± 0.26542	63.89 ± 0.82	96.19	5.74	0.0131 ± 0.0004
14D27467	5.8 %	0.1026236	1.162	237.0872	1.431	0.1247863	31.200	7.78487	0.472	165.4696	0.072	20.16774 ± 0.22932	63.34 ± 0.71	92.93	6.37	0.0138 ± 0.0004
14D27469	6.7 %	0.0956432	1.264	276.3565	1.210	0.1283907	30.775	8.96619	0.447	183.8852	0.064	20.19892 ± 0.21276	63.43 ± 0.66	96.44	7.33	0.0137 ± 0.0004
14D27470	7.7 %	0.1347827	1.014	295.1118	1.228	0.1098286	34.944	10.62239	0.354	221.7562	0.054	19.67866 ± 0.17294	61.83 ± 0.53	92.49	8.71	0.0152 ± 0.0004
14D27471	8.9 %	0.0838595	1.352	205.1746	1.538	0.1302652	29.334	7.10840	0.524	147.6141	0.080	19.93680 ± 0.24734	62.63 ± 0.76	94.13	5.82	0.0146 ± 0.0005
14D27473	10.1 %	0.1729233	0.854	210.0199	1.502	0.0953511	40.720	7.83112	0.474	185.1560	0.065	19.57994 ± 0.23221	61.52 ± 0.72	81.31	6.42	0.0157 ± 0.0005
14D27474	11.3 %	0.1036134	1.229	172.9276	1.772	0.0752267	50.444	6.41561	0.574	141.4262	0.084	19.74864 ± 0.27423	62.04 ± 0.85	87.96	5.26	0.0157 ± 0.0006
14D27475	12.5 %	0.0548835	2.100	109.5883	2.851	0.0665240	55.967	4.12780	0.952	89.1564	0.131	20.11640 ± 0.44604	63.18 ± 1.38	91.47	3.39	0.0159 ± 0.0010
14D27477	13.7 %	0.0351941	3.023	66.2915	4.315	0.0377637	103.992	2.31926	1.537	52.2499	0.225	20.68975 ± 0.74058	64.95 ± 2.28	90.06	1.90	0.0148 ± 0.0014
14D27478	15.1 %	0.0854448	1.377	140.3083	2.233	0.0930077	41.651	4.63228	0.831	106.1559	0.110	20.26071 ± 0.39585	63.63 ± 1.22	86.60	3.79	0.0139 ± 0.0007
14D27479	16.5 %	0.0348526	3.014	62.9842	4.846	0.0236291	154.068	1.98638	1.915	44.7792	0.261	20.28424 ± 0.90005	63.70 ± 2.78	88.05	1.62	0.0133 ± 0.0014
14D27481	18.0 %	0.0098324	9.883	23.4589	11.810	0.0139725	270.150	0.62055	6.118	14.0892	0.818	21.54422 ± 2.98375	67.58 ± 9.19	92.47	0.51	0.0111 ± 0.0030
14D27482	19.5 %	0.0400744	2.658	74.8137	4.102	0.0156860	239.133	2.38413	1.615	53.2133	0.219	20.24763 ± 0.75716	63.59 ± 2.34	88.79	1.95	0.0134 ± 0.0012
14D27483	21.0 %	0.0076705	12.426	13.0008	23.669	0.0346544	106.858	0.48219	7.253	9.9583	1.154	18.40486 ± 3.18111	57.89 ± 9.85	87.49	0.40	0.0157 ± 0.0078
14D27485	22.5 %	0.0280041	3.654	52.6001	5.590	0.0289664	125.394	1.53639	2.400	35.3826	0.328	20.81536 ± 1.15357	65.34 ± 3.56	88.29	1.25	0.0123 ± 0.0015
14D27486	24.5 %	0.0082067	11.888	15.4694	19.778	0.0115988	322.947	0.40976	8.784	9.9804	1.158	21.96557 ± 4.42791	68.88 ± 13.62	87.88	0.33	0.0111 ± 0.0048
Σ		1.8613500	0.319	3790.2227	0.421	1.5594686	12.406	122.27612	0.156	2656.3516	0.023					

Information on Analysis and Constants Used in Calculations

Project = RURUTU (13-INT-08)
Sample = RR1310-D04-1D
Material = Plagioclase
Location = Rurutu Hotspot
Region = Tuvalu
Analyst = Kevin Konrad
Irradiation = 14-OSU-02 (2A2-14)
Position = X: 0 | Y: 0 | Z/H: 3.8 mm
FCT-NM Age = 28.201 ± 0.023 Ma
FCT-NM Reference = Kuiper et al. (2008)
FCT-NM 40Ar/39Ar Ratio = 8.89235 ± 0.00836
FCT-NM J-value = 0.00176752 ± 0.00000166
Air Shot 40Ar/36Ar = 303.8790 ± 0.4315
Air Shot MDF = 0.99309772 ± 0.00067253 (LIN)
Experiment Type = Incremental Heating
Extraction Method = Bulk Laser Heating
Heating = 77 sec
Isolation = 6.00 min
Instrument = ARGUS-VI-D
Preferred Age = Plateau Age
Age Classification = Eruption Age
IGSN = IEKK1-RR1310-D04-1DPL
Rock Class = Igneous>Volcanic>Mafic
Lithology = Basalt
Lat-Lon = 5°39.4'S - 175°39.1'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		20.27554 ± 0.10210 ± 0.50%	63.67 ± 0.34 ± 0.53%	1.28 24%	51.52 10	0.0128 ± 0.0004
		Full External Error ± 1.46 Analytical Error ± 0.32		1.94 1.1320	2σ Confidence Limit Error Magnification	
Total Fusion Age		20.08208 ± 0.07429 ± 0.37%	63.07 ± 0.26 ± 0.41%		26	0.0136 ± 0.0001
		Full External Error ± 1.43 Analytical Error ± 0.23				
Normal Isochron No Convergence	284.54 ± 68.03 ± 23.91%	20.29483 ± 0.26890 ± 1.32%	63.73 ± 0.84 ± 1.31%	1.33 22%	51.52 10	
		Full External Error ± 1.65 Analytical Error ± 0.83		2.00 1.1536	2σ Confidence Limit Error Magnification	
				100 0.0005504866	Number of Iterations Convergence	
Inverse Isochron	268.98 ± 65.92 ± 24.51%	20.37472 ± 0.27036 ± 1.33%	63.98 ± 0.84 ± 1.32%	1.35 21%	51.52 10	
		Full External Error ± 1.66 Analytical Error ± 0.83		2.00 1.1624	2σ Confidence Limit Error Magnification	
Notes				2 0.0001257217	2 Convergence	
		The spectrum produces a stable plateau between 10 and 55 %39Ar released but drops off slightly there after. The drop off is coupled with an increase in K/Ca likely indicating the opening on small fluid or melt inclusions within the plagioclase.		6%	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
14D27453	0.9 %	0.0559838	30.2396	0.0000000	1.09857	18.8208	53.95 ± 4.27	53.21	0.92	0.0156 ± 0.0032
14D27454	1.4 %	0.0900260	84.7688	0.0209745	2.61444	50.1485	60.29 ± 1.94	65.33	2.18	0.0133 ± 0.0010
14D27455	1.8 %	0.0634855	166.7534	0.0000000	4.82034	95.6853	62.36 ± 1.09	83.59	4.03	0.0124 ± 0.0005
14D27457	2.0 %	✓ 0.0225880	149.9568	0.0000000	4.09368	84.1704	64.55 ± 1.30	92.64	3.42	0.0117 ± 0.0005
14D27458	2.4 %	✓ 0.0176567	196.9562	0.0269502	5.46547	111.6092	64.12 ± 1.01	95.52	4.57	0.0119 ± 0.0004
14D27459	2.8 %	✓ 0.0152071	168.8433	0.0000000	4.78234	97.4574	63.99 ± 1.15	95.58	3.99	0.0122 ± 0.0005
14D27461	3.2 %	✓ 0.0405348	192.2157	0.0022770	5.58271	111.6692	62.83 ± 0.96	90.30	4.66	0.0125 ± 0.0004
14D27462	3.6 %	✓ 0.0131247	193.1185	0.0000000	5.73180	115.5135	63.29 ± 0.96	96.73	4.79	0.0128 ± 0.0005
14D27463	4.0 %	✓ 0.0220078	218.0661	0.0000000	6.42635	131.9735	64.48 ± 0.89	95.29	5.37	0.0127 ± 0.0004
14D27465	4.5 %	✓ 0.0157887	208.0579	0.0000000	6.32279	128.2127	63.68 ± 0.86	96.47	5.28	0.0131 ± 0.0004
14D27466	5.1 %	✓ 0.0186522	226.0536	0.0000000	6.87056	139.7842	63.89 ± 0.82	96.19	5.74	0.0131 ± 0.0004
14D27467	5.8 %	✓ 0.0394843	237.0872	0.0086511	7.62470	153.7729	63.34 ± 0.71	92.93	6.37	0.0138 ± 0.0004
14D27469	6.7 %	✓ 0.0220495	276.3565	0.0000000	8.77948	177.3361	63.43 ± 0.66	96.44	7.33	0.0137 ± 0.0004
14D27470	7.7 %	0.0561945	295.1118	0.0000000	10.42301	205.1109	61.83 ± 0.53	92.49	8.71	0.0152 ± 0.0004
14D27471	8.9 %	0.0292124	205.1746	0.0262204	6.96978	138.9551	62.63 ± 0.76	94.13	5.82	0.0146 ± 0.0005
14D27473	10.1 %	0.1169950	210.0199	0.0000000	7.68923	150.5546	61.52 ± 0.72	81.31	6.42	0.0157 ± 0.0005
14D27474	11.3 %	0.0575628	172.9276	0.0000000	6.29878	124.3923	62.04 ± 0.85	87.96	5.26	0.0157 ± 0.0006
14D27475	12.5 %	0.0256983	109.5883	0.0050817	4.05376	81.5471	63.18 ± 1.38	91.47	3.39	0.0159 ± 0.0010
14D27477	13.7 %	0.0175398	66.2915	0.0023616	2.27447	47.0582	64.95 ± 2.28	90.06	1.90	0.0148 ± 0.0014
14D27478	15.1 %	0.0480740	140.3083	0.0193581	4.53748	91.9326	63.63 ± 1.22	86.60	3.79	0.0139 ± 0.0007
14D27479	16.5 %	0.0180799	62.9842	0.0000000	1.94383	39.4292	63.70 ± 2.78	88.05	1.62	0.0133 ± 0.0014
14D27481	18.0 %	0.0035838	23.4589	0.0043431	0.60471	13.0279	67.58 ± 9.19	92.47	0.51	0.0111 ± 0.0030
14D27482	19.5 %	0.0201516	74.8137	0.0000000	2.33358	47.2495	63.59 ± 2.34	88.79	1.95	0.0134 ± 0.0012
14D27483	21.0 %	0.0042084	13.0008	0.0000000	0.47341	8.7130	57.89 ± 9.85	87.49	0.40	0.0157 ± 0.0078
14D27485	22.5 %	0.0139967	52.6001	0.0000000	1.50085	31.2408	65.34 ± 3.56	88.29	1.25	0.0123 ± 0.0015
14D27486	24.5 %	0.0040872	15.4694	0.0000000	0.39931	8.7711	68.88 ± 13.62	87.88	0.33	0.0111 ± 0.0048
Σ		0.8519734	3790.2227	0.1162179	119.71545	2404.1358				

Information on Analysis	Results	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%n)	K/Ca ± 2σ
Project = RURUTU (13-INT-08) Sample = RR1310-D04-1D Material = Plagioclase Location = Rurutu Hotspot Region = Tuvalu Analyst = Kevin Konrad Irradiation = 14-OSU-02 (2A2-14) J = 0.00176752 ± 0.00000166 FCT-NM = 28.201 ± 0.023 Ma	Age Plateau	20.27554 ± 0.10210 ± 0.50%	63.67 ± 0.34 ± 0.53%	1.28 24%	51.52 10	0.0128 ± 0.0004
			Full External Error ± 1.46 Analytical Error ± 0.32	1.94 1.1320	2σ Confidence Limit Error Magnification	
	Total Fusion Age	20.08208 ± 0.07429 ± 0.37%	63.07 ± 0.26 ± 0.41%		26	0.0136 ± 0.0001
			Full External Error ± 1.43 Analytical Error ± 0.23			

Normal Isochron		39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
14D27453	0.9 %	19.62 ± 1.62	631.68 ± 31.27	0.5878
14D27454	1.4 %	29.04 ± 1.26	852.54 ± 29.31	0.7841
14D27455	1.8 %	75.93 ± 3.71	1802.70 ± 83.92	0.9509
14D27457	2.0 % ✓	181.23 ± 22.89	4021.83 ± 503.06	0.9899
14D27458	2.4 % ✓	309.54 ± 50.29	6616.55 ± 1071.08	0.9962
14D27459	2.8 % ✓	314.48 ± 59.14	6704.19 ± 1256.36	0.9964
14D27461	3.2 % ✓	137.73 ± 9.83	3050.40 ± 213.77	0.9816
14D27462	3.6 % ✓	436.72 ± 95.52	9096.74 ± 1985.98	0.9981
14D27463	4.0 % ✓	292.00 ± 40.97	6292.17 ± 879.55	0.9961
14D27465	4.5 % ✓	400.46 ± 72.91	8416.05 ± 1529.07	0.9978
14D27466	5.1 % ✓	368.35 ± 58.81	7789.76 ± 1240.61	0.9974
14D27467	5.8 % ✓	193.11 ± 14.78	4190.03 ± 318.21	0.9918
14D27469	6.7 % ✓	398.17 ± 54.49	8338.14 ± 1138.58	0.9977
14D27470	7.7 %	185.48 ± 11.15	3945.52 ± 235.54	0.9925
14D27471	8.9 %	238.59 ± 23.23	5052.22 ± 488.99	0.9938
14D27473	10.1 %	65.72 ± 2.01	1582.35 ± 46.04	0.9479
14D27474	11.3 %	109.42 ± 5.90	2456.49 ± 129.32	0.9756
14D27475	12.5 %	157.74 ± 17.73	3468.74 ± 384.08	0.9847
14D27477	13.7 %	129.67 ± 19.78	2978.44 ± 444.71	0.9781
14D27478	15.1 %	94.39 ± 5.89	2207.82 ± 132.68	0.9615
14D27479	16.5 %	107.51 ± 16.35	2476.33 ± 364.12	0.9656
14D27481	18.0 %	168.73 ± 116.84	3930.75 ± 2677.42	0.9831
14D27482	19.5 %	115.80 ± 15.90	2640.21 ± 352.05	0.9701
14D27483	21.0 %	112.49 ± 69.23	2365.89 ± 1414.39	0.9699
14D27485	22.5 %	107.23 ± 20.44	2527.50 ± 465.67	0.9655
14D27486	24.5 %	97.70 ± 63.27	2441.47 ± 1519.60	0.9597

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	284.54 ± 68.03	20.29483 ± 0.26890	63.73 ± 0.84	1.33
No Convergence	± 23.91%	± 1.32%	± 1.31%	22%
			Full External Error ± 1.65	
			Analytical Error ± 0.83	
Statistics	2σ Confidence Limit	2.00	Convergence	0.000550486615
	Error Magnification	1.1536	Number of Iterations	100
	Number of Data Points	10	Calculated Line	Weighted York-2

Inverse Isochron		39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
14D27453	0.9 %	0.0310647 ± 0.0020792	0.00158307 ± 0.00007837	0.0131
14D27454	1.4 %	0.0340638 ± 0.0009194	0.00117296 ± 0.00004032	0.0101
14D27455	1.8 %	0.0421192 ± 0.0006370	0.00055472 ± 0.00002582	0.0060
14D27457	2.0 % ✓	0.0450622 ± 0.0008057	0.00024864 ± 0.00003110	0.0030
14D27458	2.4 % ✓	0.0467827 ± 0.0006628	0.00015114 ± 0.00002447	0.0018
14D27459	2.8 % ✓	0.0469082 ± 0.0007530	0.00014916 ± 0.00002795	0.0018
14D27461	3.2 % ✓	0.0451503 ± 0.0006152	0.00032783 ± 0.00002297	0.0039
14D27462	3.6 % ✓	0.0480083 ± 0.0006479	0.00010993 ± 0.00002400	0.0013
14D27463	4.0 % ✓	0.0464074 ± 0.0005716	0.00015893 ± 0.00002222	0.0017
14D27465	4.5 % ✓	0.0475834 ± 0.0005732	0.00011882 ± 0.00002159	0.0014
14D27466	5.1 % ✓	0.0472867 ± 0.0005403	0.00012837 ± 0.00002045	0.0015
14D27467	5.8 % ✓	0.0460873 ± 0.0004510	0.00023866 ± 0.00001812	0.0028
14D27469	6.7 % ✓	0.0477531 ± 0.0004420	0.00011993 ± 0.00001638	0.0013
14D27470	7.7 %	0.0470106 ± 0.0003444	0.00025345 ± 0.00001513	0.0027
14D27471	8.9 %	0.0472248 ± 0.0005118	0.00019793 ± 0.00001916	0.0025
14D27473	10.1 %	0.0415350 ± 0.0004053	0.00063197 ± 0.00001839	0.0059
14D27474	11.3 %	0.0445452 ± 0.0005275	0.00040709 ± 0.00002143	0.0045
14D27475	12.5 %	0.0454759 ± 0.0008912	0.00028829 ± 0.00003192	0.0032
14D27477	13.7 %	0.0435378 ± 0.0013812	0.00033575 ± 0.00005013	0.0043
14D27478	15.1 %	0.0427506 ± 0.0007330	0.00045294 ± 0.00002722	0.0047
14D27479	16.5 %	0.0434165 ± 0.0017173	0.00040382 ± 0.00005938	0.0047
14D27481	18.0 %	0.0429268 ± 0.0054420	0.00025440 ± 0.00017329	0.0031
14D27482	19.5 %	0.0438608 ± 0.0014620	0.00037876 ± 0.00005050	0.0043
14D27483	21.0 %	0.0475472 ± 0.0071228	0.00042267 ± 0.00025268	0.0059
14D27485	22.5 %	0.0424247 ± 0.0021063	0.00039565 ± 0.00007289	0.0047
14D27486	24.5 %	0.0400156 ± 0.0072849	0.00040959 ± 0.00025493	0.0047

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	268.98 ± 65.92 ± 24.51%	20.37472 ± 0.27036 ± 1.33%	63.98 ± 0.84 ± 1.32%	1.35 21%
			Full External Error ± 1.66 Analytical Error ± 0.83	
Statistics	2σ Confidence Limit Error Magnification Number of Data Points Spreading Factor	2.00 1.1624 10 6.0%	Convergence Number of Iterations Calculated Line	0.0001257217 2 Weighted York-2

Degassing Patterns		36Ar(a) [fA]	%1σ	36Ar(c) [fA]	%1σ	36Ar(ca) [fA]	%1σ	36Ar(cl) [fA]	%1σ	37Ar(ca) [fA]	%1σ	38Ar(a) [fA]	%1σ	38Ar(c) [fA]	%1σ	38Ar(k) [fA]	%1σ	38Ar(ca) [fA]	%1σ	38Ar(cl) [fA]	%1σ	39Ar(k) [fA]	%1σ	39Ar(ca) [fA]	%1σ	40Ar(r) [fA]	%1σ	40Ar(a) [fA]	%1σ	40Ar(c) [fA]	%1σ	40Ar(k) [fA]
14D27453	0.9 %	0.0559838	2.45	0.0000000	0.00	0.0080528	9.64	0.0000000	0.00	30.2396	9.64	0.0104634	2.45	0.0000000	0.00	0.0132169	3.33	0.0021712	16.04	0.0000000	0.00	1.09857	3.33	0.0204299	9.73	18.8208	2.24	16.54322	2.45	0.0000000	0.00	0.0041998
14D27454	1.4 %	0.0900260	1.71	0.0000000	0.00	0.0225739	3.51	0.0000073	176.84	84.7688	3.50	0.0168259	1.71	0.0000000	0.00	0.0314543	1.35	0.0060864	13.29	0.0209745	176.84	2.61444	1.34	0.0572698	3.74	50.1485	0.94	26.60269	1.71	0.0000000	0.00	0.0099950
14D27455	1.8 %	0.0634855	2.33	0.0000000	0.00	0.0444064	1.90	0.0000000	0.00	166.7534	1.90	0.0118654	2.33	0.0000000	0.00	0.0579935	0.77	0.0119729	12.96	0.0000000	0.00	4.82034	0.75	0.1126586	2.31	95.6853	0.47	18.75996	2.33	0.0000000	0.00	0.0184282
14D27457	2.0 %	✓ 0.0225880	6.25	0.0000000	0.00	0.0399335	2.02	0.0000000	0.00	149.9568	2.01	0.0042217	6.25	0.0000000	0.00	0.0492511	0.90	0.0107669	12.98	0.0000000	0.00	4.09368	0.88	0.1013108	2.41	84.1704	0.51	6.67477	6.25	0.0000000	0.00	0.0156501
14D27458	2.4 %	✓ 0.0176567	8.09	0.0000000	0.00	0.0524494	1.59	0.0000093	142.13	196.9562	1.58	0.0033000	8.09	0.0000000	0.00	0.0657551	0.72	0.0141415	12.92	0.0269502	142.13	5.46547	0.70	0.1330636	2.06	111.6092	0.39	5.21757	8.09	0.0000000	0.00	0.0208945
14D27459	2.8 %	✓ 0.0152071	9.37	0.0000000	0.00	0.0449630	1.91	0.0000000	0.00	168.8433	1.90	0.0028422	9.37	0.0000000	0.00	0.0575363	0.81	0.0121229	12.96	0.0000000	0.00	4.78234	0.79	0.1140705	2.32	97.4574	0.45	4.49369	9.37	0.0000000	0.00	0.0182829
14D27461	3.2 %	✓ 0.0405348	3.50	0.0000000	0.00	0.0511870	1.57	0.0000008	#####	192.2157	1.56	0.0075759	3.50	0.0000000	0.00	0.0671656	0.69	0.0138011	12.91	0.0022770	#####	5.58271	0.67	0.1298609	2.04	111.6692	0.39	11.97802	3.50	0.0000000	0.00	0.0213427
14D27462	3.6 %	✓ 0.0131247	10.92	0.0000000	0.00	0.0514275	1.67	0.0000000	0.00	193.1185	1.67	0.0024530	10.92	0.0000000	0.00	0.0689593	0.69	0.0138659	12.93	0.0000000	0.00	5.73180	0.67	0.1304709	2.13	115.5135	0.38	3.87835	10.92	0.0000000	0.00	0.0219127
14D27463	4.0 %	✓ 0.0220078	6.99	0.0000000	0.00	0.0580710	1.53	0.0000000	0.00	218.0661	1.52	0.0041133	6.99	0.0000000	0.00	0.0773155	0.63	0.0156571	12.91	0.0000000	0.00	6.42635	0.61	0.1473255	2.01	131.9735	0.36	6.50331	6.99	0.0000000	0.00	0.0245680
14D27465	4.5 %	✓ 0.0157887	9.08	0.0000000	0.00	0.0554058	1.56	0.0000000	0.00	208.0579	1.56	0.0029509	9.08	0.0000000	0.00	0.0760695	0.62	0.0149386	12.91	0.0000000	0.00	6.32279	0.60	0.1405639	2.04	128.2127	0.34	4.66556	9.08	0.0000000	0.00	0.0241720
14D27466	5.1 %	✓ 0.0186522	7.96	0.0000000	0.00	0.0601981	1.45	0.0000000	0.00	226.0536	1.44	0.0034861	7.96	0.0000000	0.00	0.0826598	0.59	0.0162306	12.90	0.0000000	0.00	6.87056	0.57	0.1527218	1.96	139.7842	0.33	5.51171	7.96	0.0000000	0.00	0.0262662
14D27467	5.8 %	✓ 0.0394843	3.80	0.0000000	0.00	0.0631363	1.44	0.0000030	450.83	237.0872	1.43	0.0073796	3.80	0.0000000	0.00	0.0917327	0.51	0.0170229	12.90	0.0086511	450.83	7.62470	0.48	0.1601761	1.95	153.7729	0.30	11.66761	3.80	0.0000000	0.00	0.0291492
14D27469	6.7 %	✓ 0.0220495	6.83	0.0000000	0.00	0.0735937	1.22	0.0000000	0.00	276.3565	1.21	0.0041210	6.83	0.0000000	0.00	0.1056260	0.49	0.0198424	12.88	0.0000000	0.00	8.77948	0.46	0.1867064	1.79	177.3361	0.26	6.51562	6.83	0.0000000	0.00	0.0335640
14D27470	7.7 %	0.0561945	2.98	0.0000000	0.00	0.0785883	1.24	0.0000000	0.00	295.1118	1.23	0.0105027	2.98	0.0000000	0.00	0.1253992	0.40	0.0211890	12.88	0.0000000	0.00	10.42301	0.36	0.1993776	1.80	205.1109	0.25	16.60546	2.98	0.0000000	0.00	0.0398472
14D27471	8.9 %	0.0292124	4.84	0.0000000	0.00	0.0546380	1.55	0.0000091	145.94	205.1746	1.54	0.0054598	4.84	0.0000000	0.00	0.0838535	0.56	0.0147315	12.91	0.0262204	145.95	6.96978	0.54	0.1386159	2.03	138.9551	0.31	8.63227	4.84	0.0000000	0.00	0.0266455
14D27473	10.1 %	0.1169950	1.45	0.0000000	0.00	0.0559283	1.51	0.0000000	0.00	210.0199	1.50	0.0218664	1.45	0.0000000	0.00	0.0925091	0.51	0.0150794	12.91	0.0000000	0.00	7.68923	0.48	0.1418895	2.00	150.5546	0.34	34.57202	1.45	0.0000000	0.00	0.0293959
14D27474	11.3 %	0.0575628	2.63	0.0000000	0.00	0.0460506	1.78	0.0000000	0.00	172.9276	1.77	0.0107585	2.63	0.0000000	0.00	0.0757806	0.61	0.0124162	12.94	0.0000000	0.00	6.29878	0.59	0.1168299	2.21	124.3923	0.37	17.00979	2.63	0.0000000	0.00	0.0240802
14D27475	12.5 %	0.0256983	5.53	0.0000000	0.00	0.0291834	2.85	0.0000018	733.07	109.5883	2.85	0.0048030	5.53	0.0000000	0.00	0.0487708	0.98	0.0078684	13.13	0.0050817	733.07	4.05376	0.97	0.0740379	3.14	81.5471	0.54	7.59386	5.53	0.0000000	0.00	0.0154975
14D27477	13.7 %	0.0175398	7.46	0.0000000	0.00	0.0176534	4.32	0.0000008	#####	66.2915	4.31	0.0032782	7.46	0.0000000	0.00	0.0273641	1.58	0.0047597	13.53	0.0023616	#####	2.27447	1.57	0.0447865	4.51	47.0582	0.86	5.18302	7.46	0.0000000	0.00	0.0086953
14D27478	15.1 %	0.0480740	3.00	0.0000000	0.00	0.0373641	2.24	0.0000067	200.27	140.3083	2.23	0.0089850	3.00	0.0000000	0.00	0.0545905	0.87	0.0100741	13.01	0.0193581	200.27	4.53748	0.85	0.0947923	2.59	91.9326	0.48	14.20586	3.00	0.0000000	0.00	0.0173468
14D27479	16.5 %	0.0180799	7.35	0.0000000	0.00	0.0167727	4.85	0.0000000	0.00	62.9842	4.85	0.0033791	7.35	0.0000000	0.00	0.0233862	1.97	0.0045223	13.71	0.0000000	0.00	1.94383	1.96	0.0425521	5.02	39.4292	1.04	5.34261	7.35	0.0000000	0.00	0.0074313
14D27481	18.0 %	0.0035838	34.05	0.0000000	0.00	0.0062471	11.81	0.0000015	869.28	23.4589	11.81	0.0006698	34.05	0.0000000	0.00	0.0072752	6.29	0.0016843	17.43	0.0043431	869.28	0.60471	6.29	0.0158488	11.88	13.0279	2.91	1.05900	34.05	0.0000000	0.00	0.0023118
14D27482	19.5 %	0.0201516	6.66	0.0000000	0.00	0.0199229	4.10	0.0000000	0.00	74.8137	4.10	0.0037663	6.66	0.0000000	0.00	0.0280754	1.66	0.0053716	13.46	0.0000000	0.00	2.33358	1.65	0.0505441	4.31	47.2495	0.88	5.95479	6.66	0.0000000	0.00	0.0089213
14D27483	21.0 %	0.0042084	29.87	0.0000000	0.00	0.0034621	23.67	0.0000000	0.00	13.0008	23.67	0.0007865	29.87	0.0000000	0.00	0.0056955	7.40	0.0009335	26.92	0.0000000	0.00	0.47341	7.40	0.0087834	23.71	8.7130	4.46	1.24357	29.87	0.0000000	0.00	0.0018098
14D27485	22.5 %	0.0139967	9.21	0.0000000	0.00	0.0140074	5.59	0.0000000	0.00	52.6001	5.59	0.0026160	9.21	0.0000000	0.00	0.0180568	2.47	0.0037767	13.99	0.0000000	0.00	1.50085	2.46	0.0355366	5.74	31.2408	1.27	4.13604	9.21	0.0000000	0.00	0.0057378
14D27486	24.5 %	0.0040872	31.10	0.0000000	0.00	0.0041195	19.78	0.0000000	0.00	15.4694	19.78	0.0007639	31.10	0.0000000	0.00	0.0048041	9.03	0.0011107	23.57	0.0000000	0.00	0.39931	9.03	0.0104511	19.82	8.7711	4.48	1.20778	31.10	0.0000000	0.00	0.0015266
Σ		0.8519734	0.86	0.0000000	0.00	1.0093363	0.42	0.0000403	98.69	3790.2227	0.42	0.1592338	0.86	0.0000000	0.00	1.4402966	0.16	0.2721380	2.91	0.1162179	98.67	119.71545	0.16	2.5606745	0.52	2404.1358	0.09	251.75813	0.86	0.0000000	0.00	0.4576722
Σ								1.8613500	0.45	3790.2227	0.42									1.9878863	5.78			122.27612	0.16							2656.3516

%1σ

4.26
2.98
2.76
2.80
2.75
2.78
2.74
2.74
2.73
2.73
2.72
2.70
2.70
2.68
2.71
2.70
2.72
2.83
3.09
2.79
3.30
6.83
3.13
7.86
3.62
9.41

0.62

0.12

Additional Parameters		40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
14D27453	0.9 %	31.606867	1.037109	27.023704	2.749837	0.057226	0.002125	213.566	68.089503	1.00150894	1.698E-12
14D27454	1.4 %	28.731120	0.378846	31.728322	1.186763	0.042148	0.000741	213.574	68.100712	1.00150900	3.685E-12
14D27455	1.8 %	23.203669	0.171101	33.803661	0.687044	0.021871	0.000293	213.583	68.112857	1.00150906	5.494E-12
14D27457	2.0 %	✓ 21.659361	0.188630	35.746633	0.783181	0.014904	0.000305	213.600	68.135283	1.00150918	4.361E-12
14D27458	2.4 %	✓ 20.871109	0.144048	35.179949	0.606791	0.012524	0.000224	213.609	68.147434	1.00150925	5.609E-12
14D27459	2.8 %	✓ 20.825331	0.162954	34.483086	0.708222	0.012289	0.000251	213.617	68.158652	1.00150930	4.895E-12
14D27461	3.2 %	✓ 21.648483	0.143845	33.647821	0.569196	0.016056	0.000231	213.635	68.182028	1.00150943	5.936E-12
14D27462	3.6 %	✓ 20.369898	0.134123	32.942625	0.589463	0.011011	0.000208	213.644	68.194188	1.00150949	5.732E-12
14D27463	4.0 %	✓ 21.069076	0.126536	33.172610	0.542090	0.012182	0.000204	213.652	68.205413	1.00150955	6.648E-12
14D27465	4.5 %	✓ 20.562440	0.120869	32.190368	0.535106	0.011015	0.000188	213.669	68.228806	1.00150967	6.379E-12
14D27466	5.1 %	✓ 20.691480	0.115351	32.186298	0.497018	0.011227	0.000182	213.678	68.240037	1.00150973	6.975E-12
14D27467	5.8 %	✓ 21.255276	0.101553	30.454851	0.458975	0.013182	0.000165	213.687	68.252207	1.00150979	7.943E-12
14D27469	6.7 %	✓ 20.508741	0.092653	30.822068	0.397658	0.010667	0.000143	213.703	68.274679	1.00150991	8.826E-12
14D27470	7.7 %	20.876306	0.074742	27.782068	0.355135	0.012689	0.000136	213.713	68.286855	1.00150998	1.064E-11
14D27471	8.9 %	20.766146	0.110067	28.863681	0.469085	0.011797	0.000171	213.721	68.298096	1.00151004	7.085E-12
14D27473	10.1 %	23.643628	0.112990	26.818649	0.422441	0.022082	0.000216	213.738	68.321520	1.00151016	8.887E-12
14D27474	11.3 %	22.044078	0.127883	26.954199	0.502138	0.016150	0.000219	213.747	68.333704	1.00151022	6.788E-12
14D27475	12.5 %	21.599023	0.207554	26.548854	0.797859	0.013296	0.000307	213.756	68.344953	1.00151028	4.280E-12
14D27477	13.7 %	22.528738	0.350028	28.583071	1.309267	0.015175	0.000515	213.773	68.368393	1.00151040	2.508E-12
14D27478	15.1 %	22.916563	0.192127	30.289282	0.721826	0.018446	0.000297	213.781	68.379648	1.00151046	5.095E-12
14D27479	16.5 %	22.543065	0.435777	31.707954	1.652110	0.017546	0.000627	213.790	68.391842	1.00151053	2.149E-12
14D27481	18.0 %	22.704255	1.401314	37.803097	5.028127	0.015845	0.001842	213.808	68.415299	1.00151065	6.763E-13
14D27482	19.5 %	22.319796	0.363681	31.379888	1.383307	0.016809	0.000523	213.816	68.426561	1.00151071	2.554E-12
14D27483	21.0 %	20.652373	1.516781	26.962136	6.674626	0.015908	0.002289	213.824	68.437825	1.00151077	4.780E-13
14D27485	22.5 %	23.029682	0.557859	34.236179	2.082665	0.018227	0.000797	213.842	68.461297	1.00151089	1.698E-12
14D27486	24.5 %	24.356563	2.157941	37.752201	8.170016	0.020028	0.002960	213.851	68.473506	1.00151095	4.791E-13

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
14D27453	0.9 %	0.0188730 ± 0.0008224	0.0304117 ± 0.0295399	0.3028241 ± 0.0264054	0.0424898 ± 0.0262396	5.3799979 ± 0.1123802
14D27454	1.4 %	0.0191576 ± 0.0008224	0.0418422 ± 0.0295399	0.3070253 ± 0.0264054	0.0358080 ± 0.0262396	5.3980563 ± 0.1123802
14D27455	1.8 %	0.0193597 ± 0.0008224	0.0500964 ± 0.0295399	0.3095866 ± 0.0264054	0.0286110 ± 0.0262396	5.4128872 ± 0.1123802
14D27457	2.0 %	0.0194973 ± 0.0008224	0.0563523 ± 0.0295399	0.3099533 ± 0.0264054	0.0157789 ± 0.0262396	5.4298418 ± 0.1123802
14D27458	2.4 %	0.0194724 ± 0.0008224	0.0560396 ± 0.0295399	0.3083369 ± 0.0264054	0.0092416 ± 0.0262396	5.4346401 ± 0.1123802
14D27459	2.8 %	0.0194032 ± 0.0008224	0.0540892 ± 0.0295399	0.3060184 ± 0.0264054	0.0035540 ± 0.0262396	5.4370303 ± 0.1123802
14D27461	3.2 %	0.0191601 ± 0.0008224	0.0466933 ± 0.0295399	0.2994942 ± 0.0264054	0.0069953 ± 0.0262396	5.4376334 ± 0.1123802
14D27462	3.6 %	0.0190019 ± 0.0008224	0.0419137 ± 0.0295399	0.2956036 ± 0.0264054	0.0116857 ± 0.0262396	5.4365017 ± 0.1123802
14D27463	4.0 %	0.0188478 ± 0.0008224	0.0373822 ± 0.0295399	0.2919275 ± 0.0264054	0.0154846 ± 0.0262396	5.4350448 ± 0.1123802
14D27465	4.5 %	0.0185309 ± 0.0008224	0.0287059 ± 0.0295399	0.2845683 ± 0.0264054	0.0216646 ± 0.0262396	5.4318884 ± 0.1123802
14D27466	5.1 %	0.0183922 ± 0.0008224	0.0253451 ± 0.0295399	0.2814010 ± 0.0264054	0.0237719 ± 0.0262396	5.4307453 ± 0.1123802
14D27467	5.8 %	0.0182588 ± 0.0008224	0.0225474 ± 0.0295399	0.2783703 ± 0.0264054	0.0254207 ± 0.0262396	5.4300178 ± 0.1123802
14D27469	6.7 %	0.0180720 ± 0.0008224	0.0201388 ± 0.0295399	0.2741252 ± 0.0264054	0.0267637 ± 0.0262396	5.4304449 ± 0.1123802
14D27470	7.7 %	0.0180081 ± 0.0008224	0.0204713 ± 0.0295399	0.2726510 ± 0.0264054	0.0266089 ± 0.0262396	5.4317196 ± 0.1123802
14D27471	8.9 %	0.0179739 ± 0.0008224	0.0218226 ± 0.0295399	0.2718335 ± 0.0264054	0.0259528 ± 0.0262396	5.4335236 ± 0.1123802
14D27473	10.1 %	0.0179791 ± 0.0008224	0.0276876 ± 0.0295399	0.2717870 ± 0.0264054	0.0231690 ± 0.0262396	5.4388622 ± 0.1123802
14D27474	11.3 %	0.0180198 ± 0.0008224	0.0321644 ± 0.0295399	0.2725887 ± 0.0264054	0.0210755 ± 0.0262396	5.4421653 ± 0.1123802
14D27475	12.5 %	0.0180773 ± 0.0008224	0.0369746 ± 0.0295399	0.2737649 ± 0.0264054	0.0188315 ± 0.0262396	5.4452653 ± 0.1123802
14D27477	13.7 %	0.0182433 ± 0.0008224	0.0482573 ± 0.0295399	0.2772497 ± 0.0264054	0.0134944 ± 0.0262396	5.4507673 ± 0.1123802
14D27478	15.1 %	0.0183358 ± 0.0008224	0.0537926 ± 0.0295399	0.2792298 ± 0.0264054	0.0107747 ± 0.0262396	5.4523142 ± 0.1123802
14D27479	16.5 %	0.0184369 ± 0.0008224	0.0594422 ± 0.0295399	0.2814270 ± 0.0264054	0.0078467 ± 0.0262396	5.4526324 ± 0.1123802
14D27481	18.0 %	0.0186026 ± 0.0008224	0.0677686 ± 0.0295399	0.2851862 ± 0.0264054	0.0027120 ± 0.0262396	5.4473551 ± 0.1123802
14D27482	19.5 %	0.0186521 ± 0.0008224	0.0697688 ± 0.0295399	0.2864402 ± 0.0264054	0.0007058 ± 0.0262396	5.4410589 ± 0.1123802
14D27483	21.0 %	0.0186702 ± 0.0008224	0.0698969 ± 0.0295399	0.2870981 ± 0.0264054	0.0008462 ± 0.0262396	5.4316075 ± 0.1123802
14D27485	22.5 %	0.0185630 ± 0.0008224	0.0620576 ± 0.0295399	0.2856800 ± 0.0264054	0.0020699 ± 0.0262396	5.3992133 ± 0.1123802
14D27486	24.5 %	0.0184035 ± 0.0008224	0.0524027 ± 0.0295399	0.2829286 ± 0.0264054	0.0013103 ± 0.0262396	5.3740576 ± 0.1123802

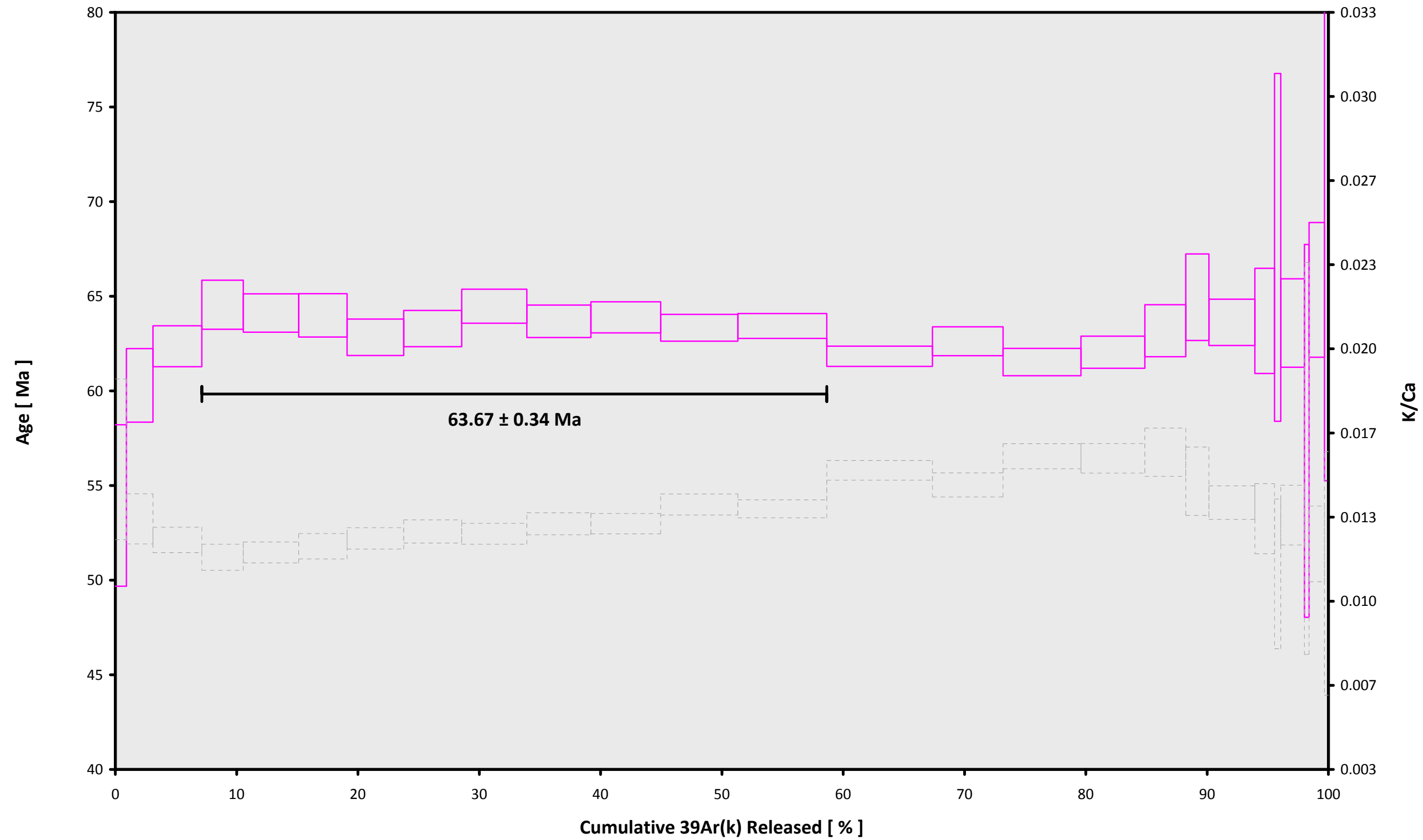
Intercept Values		36Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	37Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	38Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	39Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	40Ar ± 1σ (SE) [fA]	r2	Regression (type,n)
14D27453	0.9 %	0.0799698 ± 0.0006811	0.0731	EXP 150 of 150	0.4045214 ± 0.0296107	0.0167	EXP 150 of 150	0.2776251 ± 0.0284329	0.0000	EXP 150 of 150	1.0671311 ± 0.0249640	0.0835	EXP 150 of 150	40.840207 ± 0.032307	0.9855	EXP 150 of 150
14D27454	1.4 %	0.1265952 ± 0.0009095	0.0239	EXP 150 of 150	1.1771771 ± 0.0298508	0.0484	EXP 149 of 150	0.2327241 ± 0.0252916	0.0005	EXP 150 of 150	2.6134966 ± 0.0226322	0.3324	EXP 150 of 150	82.358875 ± 0.034885	0.6988	EXP 150 of 150
14D27455	1.8 %	0.1222984 ± 0.0007595	0.0636	EXP 150 of 150	2.3474762 ± 0.0310113	0.1293	EXP 150 of 150	0.2397288 ± 0.0247922	0.0020	EXP 149 of 150	4.8630221 ± 0.0240071	0.6089	EXP 150 of 150	120.174276 ± 0.035898	0.9372	EXP 150 of 150
14D27457	2.0 %	0.0791485 ± 0.0007212	0.0710	EXP 150 of 150	2.0990094 ± 0.0287009	0.1118	EXP 150 of 150	0.2638099 ± 0.0249416	0.0070	EXP 150 of 150	4.1440338 ± 0.0242342	0.5131	EXP 150 of 150	96.526978 ± 0.033783	0.5540	EXP 150 of 150
14D27458	2.4 %	0.0863691 ± 0.0007172	0.0763	EXP 150 of 150	2.7743509 ± 0.0284839	0.1783	EXP 150 of 150	0.1997103 ± 0.0269429	0.0127	EXP 150 of 150	5.5423479 ± 0.0270984	0.5758	EXP 149 of 150	122.586236 ± 0.035532	0.9544	EXP 150 of 150
14D27459	2.8 %	0.0768109 ± 0.0006901	0.1237	EXP 150 of 150	2.3719005 ± 0.0319070	0.0892	EXP 150 of 150	0.2732179 ± 0.0279766	0.0075	EXP 150 of 150	4.8517953 ± 0.0266964	0.5301	EXP 150 of 150	107.671592 ± 0.036026	0.8571	EXP 150 of 150
14D27461	3.2 %	0.1066719 ± 0.0007179	0.0004	EXP 150 of 150	2.7141717 ± 0.0258659	0.1756	EXP 150 of 150	0.2099280 ± 0.0268730	0.0001	EXP 149 of 150	5.6716670 ± 0.0261478	0.6797	EXP 150 of 150	129.427912 ± 0.040833	0.9604	EXP 150 of 150
14D27462	3.6 %	0.0805906 ± 0.0006991	0.1664	EXP 150 of 150	2.7314237 ± 0.0308425	0.1655	EXP 150 of 150	0.2582490 ± 0.0276032	0.0019	EXP 150 of 150	5.8247944 ± 0.0269734	0.6283	EXP 150 of 150	125.160919 ± 0.039828	0.9505	EXP 150 of 150
14D27463	4.0 %	0.0952503 ± 0.0008452	0.0370	EXP 150 of 150	3.0937079 ± 0.0316230	0.1733	EXP 149 of 150	0.2120351 ± 0.0264366	0.0009	EXP 150 of 150	6.5340391 ± 0.0281737	0.6786	EXP 150 of 150	144.296676 ± 0.037699	0.9811	EXP 150 of 150
14D27465	4.5 %	0.0864569 ± 0.0006906	0.1112	EXP 150 of 150	2.9576571 ± 0.0304571	0.2622	EXP 150 of 150	0.1981667 ± 0.0272332	0.0031	EXP 150 of 150	6.4308217 ± 0.0260781	0.7113	EXP 150 of 150	138.680009 ± 0.034573	0.9814	EXP 150 of 150
14D27466	5.1 %	0.0936225 ± 0.0007712	0.0041	EXP 150 of 150	3.2187856 ± 0.0298105	0.2721	EXP 150 of 150	0.1902899 ± 0.0238845	0.0043	EXP 150 of 150	6.9881612 ± 0.0276375	0.7397	EXP 150 of 150	151.130946 ± 0.042026	0.9816	EXP 150 of 150
14D27467	5.8 %	0.1161711 ± 0.0007379	0.0023	EXP 150 of 150	3.3793211 ± 0.0320415	0.1788	EXP 150 of 150	0.1553063 ± 0.0278752	0.0129	EXP 150 of 150	7.7450095 ± 0.0247683	0.7749	EXP 150 of 150	171.330062 ± 0.041646	0.9896	EXP 150 of 150
14D27469	6.7 %	0.1093244 ± 0.0007680	0.0000	EXP 149 of 150	3.9438841 ± 0.0280892	0.4346	EXP 150 of 150	0.1475066 ± 0.0286549	0.0229	EXP 150 of 150	8.9177601 ± 0.0292645	0.7920	EXP 150 of 150	189.793993 ± 0.035742	0.9950	EXP 150 of 150
14D27470	7.7 %	0.1466031 ± 0.0009470	0.0762	EXP 150 of 150	4.2118214 ± 0.0331760	0.3493	EXP 150 of 150	0.1643383 ± 0.0271165	0.0009	EXP 150 of 150	10.5599123 ± 0.0255102	0.8811	EXP 150 of 150	227.764709 ± 0.041440	0.9963	EXP 150 of 150
14D27471	8.9 %	0.0979836 ± 0.0006665	0.0002	EXP 149 of 150	2.9201668 ± 0.0286956	0.2432	EXP 150 of 150	0.1433662 ± 0.0268868	0.0144	EXP 150 of 150	7.0747386 ± 0.0255465	0.7432	EXP 150 of 150	153.431538 ± 0.038347	0.9855	EXP 150 of 150
14D27473	10.1 %	0.1829637 ± 0.0010485	0.2826	EXP 150 of 150	2.9827467 ± 0.0283510	0.2755	EXP 150 of 150	0.1777520 ± 0.0277299	0.0006	EXP 150 of 150	7.7886089 ± 0.0252177	0.7845	EXP 150 of 150	191.076453 ± 0.041894	0.9933	EXP 150 of 150
14D27474	11.3 %	0.1168764 ± 0.0008522	0.0019	EXP 150 of 150	2.4461449 ± 0.0283985	0.1490	EXP 150 of 150	0.1984002 ± 0.0265197	0.0014	EXP 149 of 150	6.3828796 ± 0.0250321	0.6776	EXP 150 of 150	147.236213 ± 0.038812	0.9825	EXP 150 of 150
14D27475	12.5 %	0.0704411 ± 0.0007159	0.1590	EXP 150 of 150	1.5333305 ± 0.0321024	0.0855	EXP 150 of 150	0.2081591 ± 0.0255138	0.0109	EXP 150 of 150	4.1120124 ± 0.0286705	0.3642	EXP 150 of 150	94.833597 ± 0.034111	0.5968	EXP 150 of 150
14D27477	13.7 %	0.0518217 ± 0.0005878	0.2704	EXP 150 of 150	0.9013159 ± 0.0277388	0.0089	EXP 150 of 150	0.2400072 ± 0.0283318	0.0045	EXP 150 of 150	2.3133002 ± 0.0236456	0.1272	EXP 150 of 150	57.836601 ± 0.035197	0.9267	EXP 150 of 150
14D27478	15.1 %	0.0998580 ± 0.0007300	0.0008	EXP 150 of 150	1.9556830 ± 0.0312604	0.1612	EXP 150 of 150	0.1875058 ± 0.0276097	0.0151	EXP 150 of 150	4.6042012 ± 0.0275571	0.4606	EXP 150 of 150	111.884291 ± 0.032439	0.9454	EXP 149 of 150
14D27479	16.5 %	0.0516894 ± 0.0005655	0.2800	EXP 150 of 150	0.8424474 ± 0.0316873	0.0432	EXP 150 of 150	0.2581240 ± 0.0243258	0.0005	EXP 150 of 150	1.9775718 ± 0.0270766	0.1833	EXP 150 of 150	50.348304 ± 0.032853	0.9623	EXP 150 of 150
14D27481	18.0 %	0.0279836 ± 0.0004273	0.5667	EXP 150 of 150	0.2680309 ± 0.0263758	0.0107	EXP 150 of 150	0.2714066 ± 0.0262394	0.0044	EXP 149 of 150	0.6180616 ± 0.0269889	0.0063	EXP 150 of 150	19.573222 ± 0.027079	0.9924	EXP 150 of 150
14D27482	19.5 %	0.0568868 ± 0.0005875	0.2157	EXP 150 of 150	1.0009673 ± 0.0317762	0.0267	EXP 150 of 150	0.3019097 ± 0.0259078	0.0240	EXP 150 of 150	2.3648384 ± 0.0276750	0.1989	EXP 150 of 150	58.792730 ± 0.032909	0.9189	EXP 150 of 150
14D27483	21.0 %	0.0259886 ± 0.0003877	0.5855	EXP 150 of 150	0.1161411 ± 0.0326335	0.0121	EXP 150 of 150	0.3212742 ± 0.0252282	0.0083	EXP 150 of 150	0.4772987 ± 0.0226743	0.0114	EXP 149 of 150	15.415860 ± 0.025312	0.9940	EXP 150 of 150
14D27485	22.5 %	0.0452815 ± 0.0005208	0.3045	EXP 150 of 150	0.6903750 ± 0.0295516	0.0278	EXP 150 of 150	0.3142466 ± 0.0242050	0.0076	EXP 150 of 150	1.5214333 ± 0.0254441	0.0811	EXP 150 of 150	40.873801 ± 0.030169	0.9746	EXP 150 of 150
14D27486	24.5 %	0.0262335 ± 0.0004355	0.5791	EXP 150 of 150	0.1688441 ± 0.0322530	0.0033	EXP 150 of 150	0.2943673 ± 0.0258341	0.0008	EXP 150 of 150	0.4050144 ± 0.0241914	0.0030	EXP 150 of 150	15.380399 ± 0.028362	0.9922	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
14D27453	0.9 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	01
14D27454	1.4 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	01
14D27455	1.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	01
14D27457	2.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	01
14D27458	2.4 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	01
14D27459	2.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	01
14D27461	3.2 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	01
14D27462	3.6 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	01
14D27463	4.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	01
14D27465	4.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	01
14D27466	5.1 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	01
14D27467	5.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	01
14D27469	6.7 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	01
14D27470	7.7 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	01
14D27471	8.9 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	01
14D27473	10.1 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	01
14D27474	11.3 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	01
14D27475	12.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	01
14D27477	13.7 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	01
14D27478	15.1 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	01
14D27479	16.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	01
14D27481	18.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	01
14D27482	19.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	01
14D27483	21.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	01
14D27485	22.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	01
14D27486	24.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	3.80	French Polynesia\Rurutu (13-INT-08)	14D27452	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	
14D27453	0.9 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	4	44	1
14D27454	1.4 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	4	56	1
14D27455	1.8 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	5	9	1
14D27457	2.0 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	5	33	1
14D27458	2.4 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	5	46	1
14D27459	2.8 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	5	58	1
14D27461	3.2 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	6	23	1
14D27462	3.6 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	6	36	1
14D27463	4.0 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	6	48	1
14D27465	4.5 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	7	13	1
14D27466	5.1 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	7	25	1
14D27467	5.8 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	7	38	1
14D27469	6.7 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	8	2	1
14D27470	7.7 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	8	15	1
14D27471	8.9 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	8	27	1
14D27473	10.1 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	8	52	1
14D27474	11.3 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	9	5	1
14D27475	12.5 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	9	17	1
14D27477	13.7 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	9	42	1
14D27478	15.1 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	9	54	1
14D27479	16.5 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	10	7	1
14D27481	18.0 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	10	32	1
14D27482	19.5 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	10	44	1
14D27483	21.0 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	10	56	1
14D27485	22.5 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	11	21	1
14D27486	24.5 %	RR1310-D04-1d	Plagioclase	Rurutu Hotspot	FCT-NM (2A2-14)	28.201	0.082	Kuiper et al. (2008)	8.89235	0.094	0.00176752	0.094	303.879	0.142	0.99309772	0.068	1	4.8E-14	14	OCT	2014	11	34	1

Irradiation Constants	40/36(a)		40/36(c)		38/36(a)		38/36(c)		39/37(ca)		38/37(ca)		36/37(ca)		40/39(k)		38/39(k)		36/38(cl)		K/Ca		K/Cl		Ca/Cl			
	%1σ	0	%1σ	0	%1σ	0	%1σ	0	%1σ	3	%1σ	1.32	%1σ	12.82	%1σ	0.0002663	%1σ	0.003823	%1σ	2.66	%1σ	0.012031	%1σ	0.16	%1σ	0	%1σ	
14D27453	0.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0	0
14D27454	1.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0	0
14D27455	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	0
14D27457	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	0
14D27458	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	0
14D27459	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	0
14D27461	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	0
14D27462	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	0
14D27463	4.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0	0
14D27465	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	0
14D27466	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	0
14D27467	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	0
14D27469	6.7 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0	0
14D27470	7.7 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0	0
14D27471	8.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0	0
14D27473	10.1 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0	0
14D27474	11.3 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0	0
14D27475	12.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0	0
14D27477	13.7 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0	0
14D27478	15.1 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0	0
14D27479	16.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0	0
14D27481	18.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0	0
14D27482	19.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0	0
14D27483	21.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0	0
14D27485	22.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0	0
14D27486	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	0

14D27452.AGE >>> RR1310-D04-1D >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
63.67 ± 0.34

TOTAL FUSION
63.07 ± 0.26

NORMAL ISOCHRON
63.73 ± 0.84

INVERSE ISOCHRON
63.98 ± 0.84

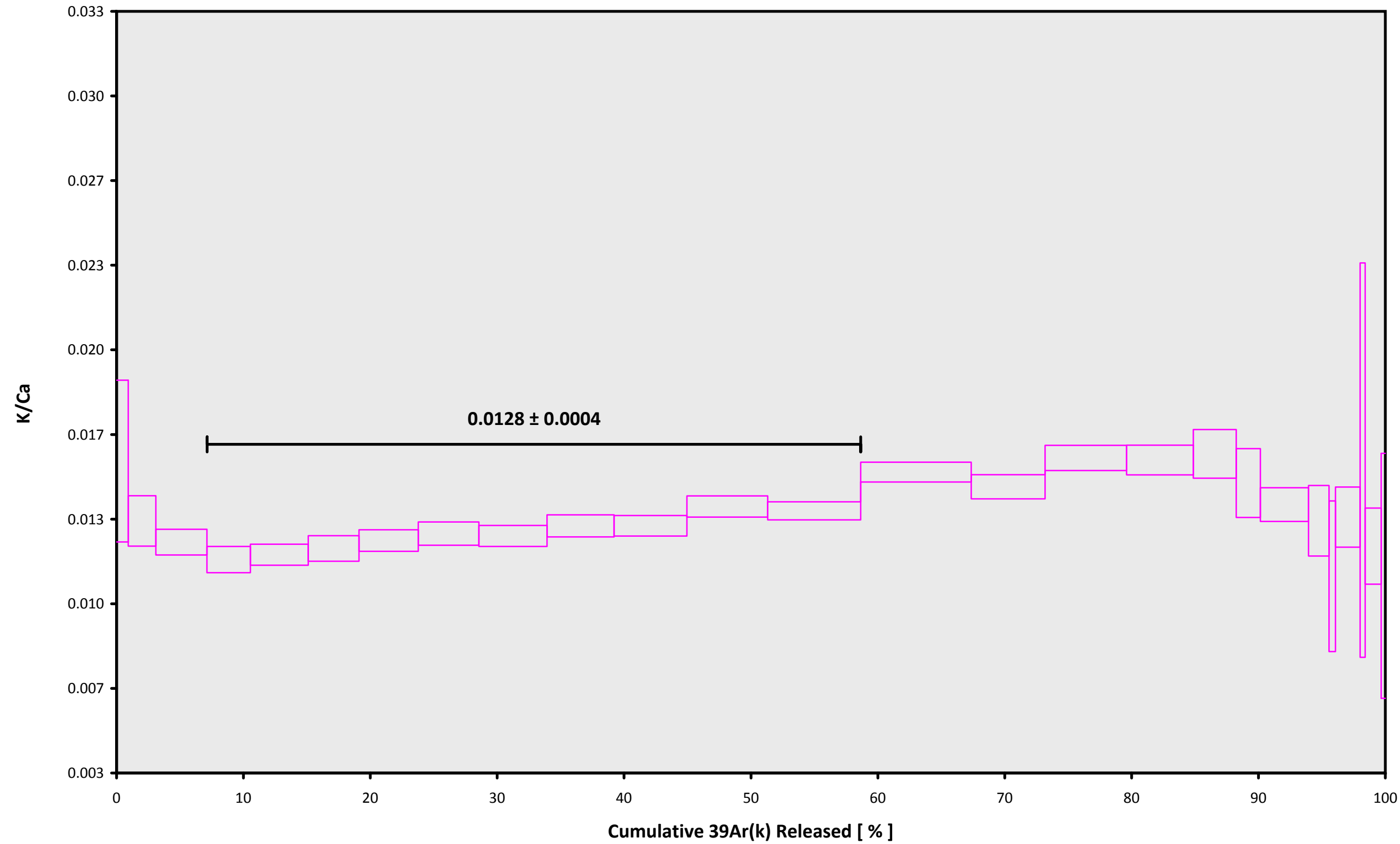
MSWD (PROBABILITY)
1.28 (24%)

Sample Info

Plagioclase
Rurutu Hotspot
Kevin Konrad

IRR = 14-OSU-02 (2A2-14)
J = 0.00176752 ± 0.00000166

14D27452.AGE >>> RR1310-D04-1D >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

63.67 ± 0.34

TOTAL FUSION

63.07 ± 0.26

NORMAL ISOCHRON

63.73 ± 0.84

INVERSE ISOCHRON

63.98 ± 0.84

Sample Info

Plagioclase

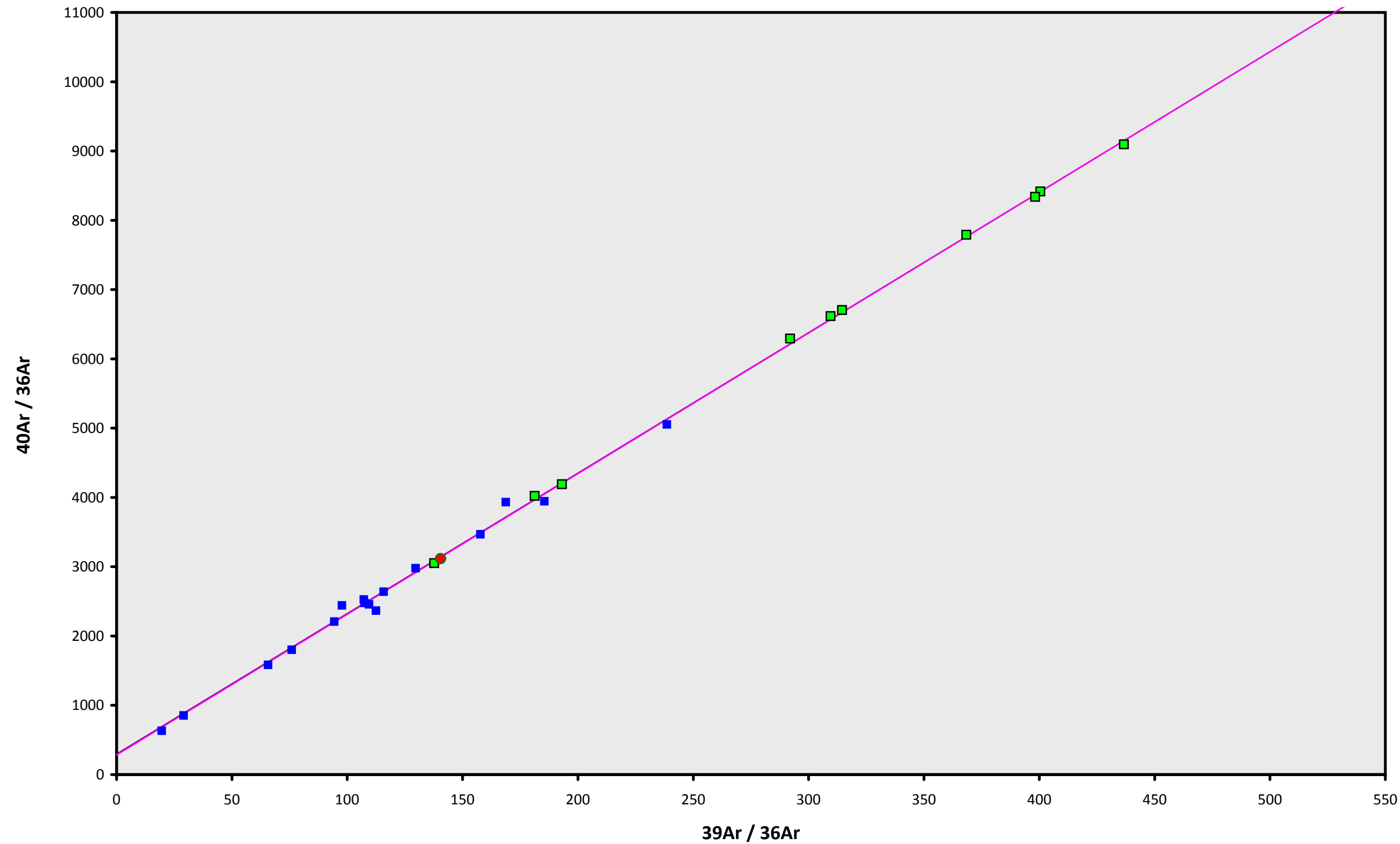
Rurutu Hotspot

Kevin Konrad

IRR = 14-OSU-02 (2A2-14)

J = 0.00176752 ± 0.00000166

14D27452.AGE >>> RR1310-D04-1D >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

63.67 ± 0.34

TOTAL FUSION

63.07 ± 0.26

NORMAL ISOCHRON

63.73 ± 0.84

INVERSE ISOCHRON

63.98 ± 0.84

MSWD (PROBABILITY)

1.33 (22%)

40AR/36AR INTERCEPT

284.5 ± 68.0

Sample Info

Plagioclase

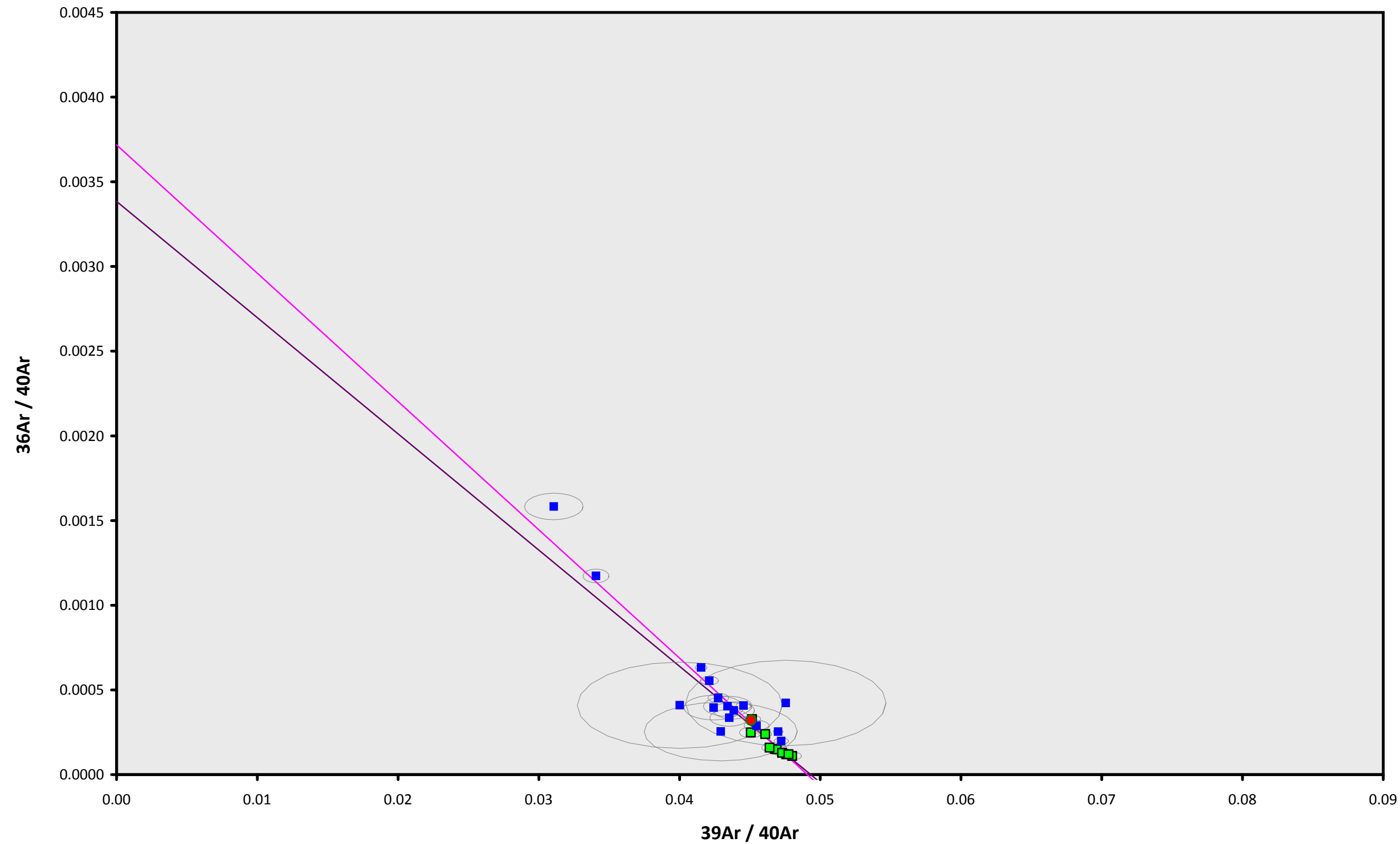
Rurutu Hotspot

Kevin Konrad

IRR = 14-OSU-02 (2A2-14)

J = 0.00176752 ± 0.00000166

14D27452.AGE >>> RR1310-D04-1D >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

63.67 ± 0.34

TOTAL FUSION

63.07 ± 0.26

NORMAL ISOCHRON

63.73 ± 0.84

INVERSE ISOCHRON

63.98 ± 0.84

MSWD (PROBABILITY)

1.35 (21%)

SPREADING FACTOR

6.0%

40AR/36AR INTERCEPT

269.0 ± 65.9

Sample Info

Plagioclase

Rurutu Hotspot

Kevin Konrad

IRR = 14-OSU-02 (2A2-14)

J = 0.00176752 ± 0.00000166