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
14D26513	5.0 %	✓	0.0113466	9.419	2.7729	82.984	0.0028733	1316.011	0.809618	4.098	14.63134	1.128	14.22916 ± 1.53264	45.29 ± 4.82	78.55	5.75	0.1253 ± 0.2081
14D26514	8.0 %	✓	0.0102387	10.502	14.0371	16.591	0.0864243	46.162	2.734516	1.290	38.46769	0.432	13.40951 ± 0.45620	42.72 ± 1.44	94.99	19.41	0.0835 ± 0.0278
14D26516	10.0 %	✓	0.0153481	6.960	30.3335	7.803	0.0927829	41.515	2.806320	1.275	39.38398	0.419	13.36421 ± 0.44882	42.57 ± 1.41	94.53	19.85	0.0395 ± 0.0062
14D26517	11.0 %	✓	0.0139228	7.808	32.3716	7.192	0.0351233	116.194	1.411943	2.519	20.34716	0.811	13.50756 ± 0.90462	43.02 ± 2.85	92.28	9.90	0.0185 ± 0.0028
14D26519	12.0 %	✓	0.0099985	10.675	27.7027	8.276	0.0489387	83.250	1.440915	2.482	19.25909	0.857	12.99532 ± 0.86189	41.41 ± 2.72	95.96	10.13	0.0221 ± 0.0038
14D26520	13.0 %	✓	0.0020059	51.535	10.2509	22.584	0.0163007	234.445	0.238281	14.762	3.46743	4.765	15.91367 ± 5.91233	50.58 ± 18.53	106.18	1.65	0.0097 ± 0.0053
14D26522	14.0 %	✓	0.0143844	7.504	39.9809	5.862	0.0013383	2969.684	1.019364	3.453	13.56813	1.215	12.55591 ± 1.20711	40.03 ± 3.81	91.83	7.07	0.0107 ± 0.0015
14D26523	15.0 %	✓	0.0201472	5.372	59.9692	4.064	0.0160387	229.797	0.763209	4.814	9.92308	1.663	12.01878 ± 1.66450	38.33 ± 5.25	87.53	5.15	0.0052 ± 0.0007
14D26525	16.0 %	✓	0.0185267	5.736	59.5578	3.970	0.0341741	114.323	0.496593	7.053	6.60226	2.492	12.74206 ± 2.62963	40.61 ± 8.29	88.07	3.25	0.0033 ± 0.0006
14D26526	17.0 %	✓	0.0141703	7.705	40.1564	5.650	0.0362450	105.915	0.779737	4.389	10.49270	1.571	12.57598 ± 1.56942	40.09 ± 4.95	90.20	5.36	0.0081 ± 0.0012
14D26528	18.0 %	✓	0.0203725	5.317	61.9294	3.713	0.0039961	967.514	0.319830	10.563	4.43974	3.714	11.84189 ± 4.08819	37.77 ± 12.91	74.15	1.98	0.0019 ± 0.0005
14D26529	19.0 %	✓	0.0152275	7.048	44.4097	5.184	0.0149597	252.355	0.264642	13.043	3.52383	4.674	10.73091 ± 4.65340	34.26 ± 14.72	71.45	1.67	0.0023 ± 0.0007
14D26531	20.0 %	✓	0.0236654	4.624	70.4406	3.429	0.0479257	83.552	0.494344	7.094	7.22358	2.283	12.92743 ± 2.73771	41.20 ± 8.63	79.95	3.18	0.0027 ± 0.0005
14D26532	21.0 %	✓	0.0329014	3.425	104.6824	2.167	0.0139716	268.906	0.448068	7.762	6.45795	2.548	13.17593 ± 3.26962	41.98 ± 10.30	76.99	2.69	0.0016 ± 0.0003
14D26534	22.0 %		0.0558314	2.140	179.6575	1.567	0.0063505	632.303	0.361146	9.835	3.73540	4.421	5.72992 ± 4.11242	18.38 ± 13.12	36.78	1.71	0.0006 ± 0.0002
14D26535	23.0 %		0.0311916	3.639	101.2620	2.390	0.0313511	121.225	0.151995	22.636	1.86758	8.810	7.42744 ± 11.75970	23.78 ± 37.41	33.24	0.60	0.0004 ± 0.0003
14D26537	24.0 %		0.0377625	2.947	123.2367	1.903	0.0180536	220.732	0.173964	20.431	2.03201	8.109	6.29778 ± 10.33736	20.19 ± 32.95	28.11	0.65	0.0003 ± 0.0002
		Σ	0.3470415	1.296	1002.7513	0.974	0.4237265	37.914	14.714483	0.982	205.42294	0.331					

Information on Analysis and Constants Used in Calculations

Project = **RURUTU (13-INT-08)**
Sample = **RR1310-D27-35**
Material = **Hornblende**
Location = **Rurutu Hotspot**
Region = **Samoa**
Analyst = **Kevin Konrad**
Irradiation = **14-OSU-02 (2A20-14)**
Position = **X: 0 | Y: 0 | Z/H: 24.3 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al. (2008)**
FCT-NM 40Ar/39Ar Ratio = **8.81741 ± 0.00838**
FCT-NM J-value = **0.00178254 ± 0.00000169**
Air Shot 40Ar/36Ar = **303.9890 ± 0.4165**
Air Shot MDF = **0.99300964 ± 0.00066612 (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-D27-35**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Basalt**
Lat-Lon = **11°00.6'S - 179°47.3'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		13.26902 ± 0.26062 (± 1.96%)	**42.27 ± 0.82 (± 1.95%)**	0.77	97.05	0.0028 ± 0.0014
		Full External Error ± 1.26		70%	14	
		Analytical Error ± 0.82		1.78	2σ Confidence Limit	
				1.0000	Error Magnification	
Total Fusion Age		12.94817 ± 0.35847 (± 2.77%)	**41.26 ± 1.13 (± 2.74%)**		17	0.0060 ± 0.0002
		Full External Error ± 1.46				
		Analytical Error ± 1.13				
Normal Isochron	**208.48 ± 111.83 (± 53.64%)**	13.61504 ± 0.43808 (± 3.22%)	**43.36 ± 1.38 (± 3.18%)**	1.12	97.05	
No Convergence		Full External Error ± 1.69		34%	14	
		Analytical Error ± 1.38		1.82	2σ Confidence Limit	
				1.0573	Error Magnification	
				100	Number of Iterations	
				0.0026252499	Convergence	
Inverse Isochron	**321.14 ± 106.36 (± 33.12%)**	13.20793 ± 0.44780 (± 3.39%)	**42.08 ± 1.41 (± 3.36%)**	0.78	97.05	
		Full External Error ± 1.70		67%	14	
		Analytical Error ± 1.41		1.82	2σ Confidence Limit	
				1.0000	Error Magnification	
Notes				5	Number of Iterations	
A small separate of amphibole (3.1mg) that produced a excellent plateau with a fairly high uncertainity. Isochron is atmospheric.				0.0002013643	Convergence	
				25%	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
14D26513	5.0 %	✓	0.0106082	2.7729	0.0000000	0.807745	11.49353	45.29 ± 4.82	78.55	5.75	0.1253 ± 0.2081
14D26514	8.0 %	✓	0.0064837	14.0371	0.0514198	2.725033	36.54135	42.72 ± 1.44	94.99	19.41	0.0835 ± 0.0278
14D26516	10.0 %	✓	0.0072519	30.3335	0.0557333	2.785826	37.23038	42.57 ± 1.41	94.53	19.85	0.0395 ± 0.0062
14D26517	11.0 %	✓	0.0052973	32.3716	0.0150850	1.390073	18.77650	43.02 ± 2.85	92.28	9.90	0.0185 ± 0.0028
14D26519	12.0 %	✓	0.0026116	27.7027	0.0293510	1.422199	18.48193	41.41 ± 2.72	95.96	10.13	0.0221 ± 0.0038
14D26520	13.0 %	✓	0.0007282	10.2509	0.0129173	0.231355	3.68171	50.58 ± 18.53	106.18	1.65	0.0097 ± 0.0053
14D26522	14.0 %	✓	0.0037375	39.9809	0.0000000	0.992352	12.45989	40.03 ± 3.81	91.83	7.07	0.0107 ± 0.0015
14D26523	15.0 %	✓	0.0041774	59.9692	0.0000000	0.722693	8.68590	38.33 ± 5.25	87.53	5.15	0.0052 ± 0.0007
14D26525	16.0 %	✓	0.0026586	59.5578	0.0239106	0.456356	5.81492	40.61 ± 8.29	88.07	3.25	0.0033 ± 0.0006
14D26526	17.0 %	✓	0.0034689	40.1564	0.0236588	0.752608	9.46477	40.09 ± 4.95	90.20	5.36	0.0081 ± 0.0012
14D26528	18.0 %	✓	0.0038807	61.9294	0.0000000	0.277991	3.29194	37.77 ± 12.91	74.15	1.98	0.0019 ± 0.0005
14D26529	19.0 %	✓	0.0034012	44.4097	0.0000000	0.234638	2.51788	34.26 ± 14.72	71.45	1.67	0.0023 ± 0.0007
14D26531	20.0 %	✓	0.0048951	70.4406	0.0365783	0.446754	5.77538	41.20 ± 8.63	79.95	3.18	0.0027 ± 0.0005
14D26532	21.0 %	✓	0.0050241	104.6824	0.0009766	0.377345	4.97187	41.98 ± 10.30	76.99	2.69	0.0016 ± 0.0003
14D26534	22.0 %		0.0079886	179.6575	0.0000000	0.239769	1.37386	18.38 ± 13.12	36.78	1.71	0.0006 ± 0.0002
14D26535	23.0 %		0.0042181	101.2620	0.0222865	0.083582	0.62080	23.78 ± 37.41	33.24	0.60	0.0004 ± 0.0003
14D26537	24.0 %		0.0049422	123.2367	0.0071902	0.090705	0.57124	20.19 ± 32.95	28.11	0.65	0.0003 ± 0.0002
		Σ	0.0799169	1002.7513	0.2791075	14.037024	181.75384				

Information on Analysis

Project = **RURUTU (13-INT-08)**
Sample = **RR1310-D27-35**
Material = **Hornblende**
Location = **Rurutu Hotspot**
Region = **Samoa**
Analyst = **Kevin Konrad**
Irradiation = **14-OSU-02 (2A20-14)**
J = **0.00178254 ± 0.00000169**
FCT-NM = **28.201 ± 0.023 Ma**

Results	40(r)/39(k) ± 2σ		Age ± 2σ (Ma)		MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau	13.26902	± 0.26062	**42.27**	**± 0.82**	0.77	97.05	0.0028 ± 0.0014
		± 1.96%		**± 1.95%**	70%	14	
			Full External Error	± 1.26	1.78	2σ Confidence Limit	
			Analytical Error	± 0.82	1.0000	Error Magnification	
Total Fusion Age	12.94817	± 0.35847	**41.26**	**± 1.13**		17	0.0060 ± 0.0002
		± 2.77%		**± 2.74%**			
			Full External Error	± 1.46			
			Analytical Error	± 1.13			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
14D26513	5.0 %	✓	76.14 ± 18.76	1378.96 ± 321.80	0.9382
14D26514	8.0 %	✓	420.29 ± 161.31	5931.41 ± 2271.91	0.9975
14D26516	10.0 %	✓	384.15 ± 131.78	5429.36 ± 1857.87	0.9969
14D26517	11.0 %	✓	262.41 ± 124.73	3840.05 ± 1815.70	0.9936
14D26519	12.0 %	✓	544.57 ± 513.58	7372.36 ± 6944.07	0.9984
14D26520	13.0 %	✓	317.73 ± 1054.91	4760.74 ± 15746.35	0.9954
14D26522	14.0 %	✓	265.51 ± 178.17	3629.22 ± 2423.32	0.9937
14D26523	15.0 %	✓	173.00 ± 106.02	2374.77 ± 1437.23	0.9846
14D26525	16.0 %	✓	171.66 ± 161.72	2482.74 ± 2311.07	0.9852
14D26526	17.0 %	✓	216.96 ± 157.36	3023.98 ± 2178.04	0.9911
14D26528	18.0 %	✓	71.63 ± 49.14	1143.79 ± 738.58	0.9288
14D26529	19.0 %	✓	68.99 ± 54.10	1035.80 ± 759.07	0.9192
14D26531	20.0 %	✓	91.27 ± 49.47	1475.34 ± 768.32	0.9533
14D26532	21.0 %	✓	75.11 ± 40.69	1285.10 ± 657.75	0.9355
14D26534	22.0 %		30.01 ± 13.86	467.48 ± 170.38	0.7428
14D26535	23.0 %		19.81 ± 20.43	442.67 ± 285.02	0.5776
14D26537	24.0 %		18.35 ± 17.25	411.08 ± 222.66	0.5247

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	**208.48 ± 111.83**	13.61504 ± 0.43808	**43.36 ± 1.38**	1.12
No Convergence	**± 53.64%**	± 3.22%	**± 3.18%**	34%
			Full External Error ± 1.69	
			Analytical Error ± 1.38	

Statistics				
	2σ Confidence Limit	1.82	Convergence	0.002625249874
	Error Magnification	1.0573	Number of Iterations	100
	Number of Data Points	14	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
14D26513	5.0 %	✓	0.0552181 ± 0.0047091	0.00072518 ± 0.00016923	0.0256
14D26514	8.0 %	✓	0.0708587 ± 0.0019357	0.00016859 ± 0.00006458	0.0071
14D26516	10.0 %	✓	0.0707542 ± 0.0019141	0.00018418 ± 0.00006303	0.0076
14D26517	11.0 %	✓	0.0683356 ± 0.0036719	0.00026041 ± 0.00012313	0.0104
14D26519	12.0 %	✓	0.0738664 ± 0.0039277	0.00013564 ± 0.00012776	0.0059
14D26520	13.0 %	✓	0.0667395 ± 0.0212864	0.00021005 ± 0.00069475	0.0086
14D26522	14.0 %	✓	0.0731590 ± 0.0054916	0.00027554 ± 0.00018399	0.0118
14D26523	15.0 %	✓	0.0728499 ± 0.0078012	0.00042109 ± 0.00025485	0.0171
14D26525	16.0 %	✓	0.0691394 ± 0.0111705	0.00040278 ± 0.00037493	0.0165
14D26526	17.0 %	✓	0.0717464 ± 0.0069097	0.00033069 ± 0.00023818	0.0142
14D26528	18.0 %	✓	0.0626292 ± 0.0159356	0.00087429 ± 0.00056455	0.0336
14D26529	19.0 %	✓	0.0666032 ± 0.0205822	0.00096544 ± 0.00070751	0.0386
14D26531	20.0 %	✓	0.0618612 ± 0.0101255	0.00067781 ± 0.00035299	0.0245
14D26532	21.0 %	✓	0.0584441 ± 0.0111915	0.00077815 ± 0.00039828	0.0265
14D26534	22.0 %		0.0642040 ± 0.0198960	0.00213914 ± 0.00077966	0.0693
14D26535	23.0 %		0.0447618 ± 0.0377392	0.00225900 ± 0.00145447	0.0572
14D26537	24.0 %		0.0446458 ± 0.0357808	0.00243259 ± 0.00131756	0.0606

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	**321.14 ± 106.36 ± 33.12%**	13.20793 ± 0.44780 ± 3.39%	**42.08 ± 1.41 ± 3.36%**	0.78 67%
			Full External Error ± 1.70	
			Analytical Error ± 1.41	

Statistics				
	2σ Confidence Limit	1.82	Convergence	0.0002013643
	Error Magnification	1.0000	Number of Iterations	5
	Number of Data Points	14	Calculated Line	Weighted York-2
	Spreading Factor	24.7%		

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
14D26513	5.0 %	✓	0.0106082	11.61	0.0000000	0.00	0.0007384	82.98	0.0000000	0.00	2.7729	82.98	0.0019827	11.61	0.0000000	0.00	0.0097180	4.12	0.0001991	83.97	0.0000000	0.00	0.807745	4.11	0.0018734	82.99	11.49353	3.48	3.134718	11.61	0.0000000	0.00	0.0030880	4.90
14D26514	8.0 %	✓	0.0064837	19.15	0.0000000	0.00	0.0037381	16.59	0.0000169	77.60	14.0371	16.59	0.0012118	19.15	0.0000000	0.00	0.0327849	1.31	0.0010079	20.97	0.0514198	77.61	2.725033	1.30	0.0094834	16.64	36.54135	1.10	1.915923	19.15	0.0000000	0.00	0.0104178	2.96
14D26516	10.0 %	✓	0.0072519	17.10	0.0000000	0.00	0.0080778	7.80	0.0000184	69.13	30.3335	7.80	0.0013554	17.10	0.0000000	0.00	0.0335163	1.30	0.0021779	15.01	0.0557333	69.14	2.785826	1.29	0.0204933	7.91	37.23038	1.08	2.142946	17.10	0.0000000	0.00	0.0106502	2.95
14D26517	11.0 %	✓	0.0052973	23.63	0.0000000	0.00	0.0086206	7.19	0.0000050	270.59	32.3716	7.19	0.0009901	23.63	0.0000000	0.00	0.0167240	2.57	0.0023243	14.70	0.0150850	270.59	1.390073	2.56	0.0218703	7.31	18.77650	2.16	1.565348	23.63	0.0000000	0.00	0.0053142	3.69
14D26519	12.0 %	✓	0.0026116	47.09	0.0000000	0.00	0.0073772	8.28	0.0000097	138.83	27.7027	8.28	0.0004881	47.09	0.0000000	0.00	0.0171105	2.52	0.0019891	15.26	0.0293510	138.84	1.422199	2.52	0.0187160	8.38	18.48193	2.16	0.771728	47.09	0.0000000	0.00	0.0054371	3.66
14D26520	13.0 %	✓	0.0007282	165.31	0.0000000	0.00	0.0027298	22.58	0.0000043	295.90	10.2509	22.58	0.0001361	165.31	0.0000000	0.00	0.0027834	15.22	0.0007360	25.97	0.0129173	295.90	0.231355	15.22	0.0069255	22.62	3.68171	10.65	0.215169	165.31	0.0000000	0.00	0.0008845	15.45
14D26522	14.0 %	✓	0.0037375	33.36	0.0000000	0.00	0.0106469	5.86	0.0000000	0.00	39.9809	5.86	0.0006985	33.36	0.0000000	0.00	0.0119390	3.55	0.0028706	14.10	0.0000000	0.00	0.992352	3.55	0.0270111	6.01	12.45989	3.24	1.104441	33.36	0.0000000	0.00	0.0037938	4.44
14D26523	15.0 %	✓	0.0041774	30.21	0.0000000	0.00	0.0159698	4.07	0.0000000	0.00	59.9692	4.06	0.0007808	30.21	0.0000000	0.00	0.0086947	5.09	0.0043058	13.45	0.0000000	0.00	0.722693	5.09	0.0405152	4.27	8.68590	4.70	1.234416	30.21	0.0000000	0.00	0.0027629	5.74
14D26525	16.0 %	✓	0.0026586	46.48	0.0000000	0.00	0.0158602	3.97	0.0000079	163.44	59.5578	3.97	0.0004969	46.48	0.0000000	0.00	0.0054904	7.69	0.0042762	13.42	0.0239106	163.44	0.456356	7.68	0.0402372	4.18	5.81492	6.89	0.785604	46.48	0.0000000	0.00	0.0017446	8.13
14D26526	17.0 %	✓	0.0034689	35.98	0.0000000	0.00	0.0106937	5.65	0.0000078	162.30	40.1564	5.65	0.0006483	35.98	0.0000000	0.00	0.0090546	4.55	0.0028832	14.01	0.0236588	162.30	0.752608	4.55	0.0271297	5.80	9.46477	4.27	1.025053	35.98	0.0000000	0.00	0.0028772	5.27
14D26528	18.0 %	✓	0.0038807	32.07	0.0000000	0.00	0.0164918	3.72	0.0000000	0.00	61.9294	3.71	0.0007253	32.07	0.0000000	0.00	0.0033445	12.17	0.0044465	13.35	0.0000000	0.00	0.277991	12.17	0.0418395	3.94	3.29194	12.24	1.146740	32.07	0.0000000	0.00	0.0010628	12.46
14D26529	19.0 %	✓	0.0034012	36.34	0.0000000	0.00	0.0118263	5.19	0.0000000	0.00	44.4097	5.18	0.0006357	36.34	0.0000000	0.00	0.0028229	14.73	0.0031886	13.83	0.0000000	0.00	0.234638	14.73	0.0300032	5.35	2.51788	15.91	1.005048	36.34	0.0000000	0.00	0.0008970	14.97
14D26531	20.0 %	✓	0.0048951	25.94	0.0000000	0.00	0.0187583	3.43	0.0000121	109.51	70.4406	3.43	0.0009149	25.94	0.0000000	0.00	0.0053749	7.86	0.0050576	13.27	0.0365783	109.51	0.446754	7.86	0.0475897	3.67	5.77538	7.10	1.446490	25.94	0.0000000	0.00	0.0017079	8.30
14D26532	21.0 %	✓	0.0050241	25.46	0.0000000	0.00	0.0278769	2.17	0.0000003	######	104.6824	2.17	0.0009390	25.46	0.0000000	0.00	0.0045398	9.23	0.0075162	13.00	0.0009766	######	0.377345	9.23	0.0707234	2.54	4.97187	8.29	1.484635	25.46	0.0000000	0.00	0.0014426	9.60
14D26534	22.0 %		0.0079886	17.68	0.0000000	0.00	0.0478428	1.57	0.0000000	0.00	179.6575	1.57	0.0014931	17.68	0.0000000	0.00	0.0028847	14.85	0.0128994	12.92	0.0000000	0.00	0.239769	14.85	0.1213766	2.05	1.37386	32.67	2.360627	17.68	0.0000000	0.00	0.0009166	15.09
14D26535	23.0 %		0.0042181	30.96	0.0000000	0.00	0.0269661	2.40	0.0000073	170.61	101.2620	2.39	0.0007884	30.96	0.0000000	0.00	0.0010056	41.22	0.0072706	13.04	0.0222865	170.61	0.083582	41.22	0.0684126	2.73	0.62080	67.58	1.246461	30.96	0.0000000	0.00	0.0003195	41.31
14D26537	24.0 %		0.0049422	25.84	0.0000000	0.00	0.0328179	1.91	0.0000024	554.53	123.2367	1.90	0.0009237	25.84	0.0000000	0.00	0.0010913	39.24	0.0088484	12.96	0.0071902	554.53	0.090705	39.24	0.0832587	2.32	0.57124	72.08	1.460421	25.84	0.0000000	0.00	0.0003468	39.33
		Σ	0.0799169	6.50	0.0000000	0.00	0.2670327	0.98	0.0000919	46.61	1002.7513	0.97	0.0149365	6.50	0.0000000	0.00	0.1688794	1.03	0.0719975	4.02	0.2791075	46.60	14.037024	1.03	0.6774588	1.05	181.75384	0.92	23.615431	6.50	0.0000000	0.00	0.0536635	1.37
		Σ							0.3470415	1.68	1002.7513	0.97									0.5349209	24.33			14.714483	0.98							205.42294	1.11

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
14D26513	5.0 %	✓	18.071900	0.768142	3.425003	2.845663	0.014015	0.001440	202.745	54.986625	1.00143248	7.023E-13
14D26514	8.0 %	✓	14.067457	0.191368	5.133288	0.854221	0.003744	0.000396	202.753	54.995676	1.00143254	1.846E-12
14D26516	10.0 %	✓	14.034030	0.188393	10.808982	0.854583	0.005469	0.000387	202.771	55.014538	1.00143266	1.890E-12
14D26517	11.0 %	✓	14.410749	0.381369	22.927008	1.747078	0.009861	0.000809	202.780	55.024349	1.00143272	9.767E-13
14D26519	12.0 %	✓	13.365879	0.350909	19.225789	1.661168	0.006939	0.000760	202.797	55.043221	1.00143284	9.244E-13
14D26520	13.0 %	✓	14.551853	2.257217	43.020205	11.606908	0.008418	0.004513	202.806	55.052282	1.00143290	1.664E-13
14D26522	14.0 %	✓	13.310390	0.487261	39.221430	2.668565	0.014111	0.001166	202.823	55.071164	1.00143303	6.513E-13
14D26523	15.0 %	✓	13.001785	0.662182	78.575134	4.950354	0.026398	0.001904	202.831	55.080229	1.00143309	4.763E-13
14D26525	16.0 %	✓	13.295117	0.994551	119.932737	9.707277	0.037308	0.003392	202.849	55.099120	1.00143321	3.169E-13
14D26526	17.0 %	✓	13.456718	0.627275	51.499963	3.684534	0.018173	0.001612	202.858	55.108946	1.00143327	5.036E-13
14D26528	18.0 %	✓	13.881549	1.554355	193.632075	21.680851	0.063698	0.007533	202.874	55.127091	1.00143339	2.131E-13
14D26529	19.0 %	✓	13.315473	1.844929	167.810532	23.553486	0.057540	0.008531	202.883	55.136922	1.00143345	1.691E-13
14D26531	20.0 %	✓	14.612468	1.088914	142.493131	11.227286	0.047872	0.004054	202.901	55.155833	1.00143358	3.467E-13
14D26532	21.0 %	✓	14.412867	1.177467	233.630455	18.827841	0.073429	0.006230	202.909	55.164912	1.00143363	3.100E-13
14D26534	22.0 %		10.343200	1.115307	497.465553	49.542571	0.154595	0.015560	202.926	55.183832	1.00143376	1.793E-13
14D26535	23.0 %		12.287151	2.984550	666.220475	151.644324	0.205215	0.047049	202.935	55.193673	1.00143382	8.964E-14
14D26537	24.0 %		11.680638	2.567587	708.404471	145.361036	0.217071	0.044809	202.952	55.211846	1.00143394	9.754E-14

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
14D26513	5.0 %	0.0232775 ± 0.0009048	0.0336236 ± 0.0286561	0.0471766 ± 0.0275038	0.0041967 ± 0.0245484	5.8208670 ± 0.1628303
14D26514	8.0 %	0.0219598 ± 0.0009048	0.0414624 ± 0.0286561	0.0557350 ± 0.0275038	0.0191193 ± 0.0245484	5.7766329 ± 0.1628303
14D26516	10.0 %	0.0200987 ± 0.0009048	0.0519946 ± 0.0286561	0.0640364 ± 0.0275038	0.0352332 ± 0.0245484	5.7123080 ± 0.1628303
14D26517	11.0 %	0.0195104 ± 0.0009048	0.0547645 ± 0.0286561	0.0646090 ± 0.0275038	0.0374870 ± 0.0245484	5.6904320 ± 0.1628303
14D26519	12.0 %	0.0189081 ± 0.0009048	0.0558046 ± 0.0286561	0.0613502 ± 0.0275038	0.0340316 ± 0.0245484	5.6636432 ± 0.1628303
14D26520	13.0 %	0.0188012 ± 0.0009048	0.0546317 ± 0.0286561	0.0586464 ± 0.0275038	0.0300096 ± 0.0245484	5.6557076 ± 0.1628303
14D26522	14.0 %	0.0188137 ± 0.0009048	0.0495353 ± 0.0286561	0.0525588 ± 0.0275038	0.0194826 ± 0.0245484	5.6446536 ± 0.1628303
14D26523	15.0 %	0.0188866 ± 0.0009048	0.0461215 ± 0.0286561	0.0499966 ± 0.0275038	0.0142559 ± 0.0245484	5.6405216 ± 0.1628303
14D26525	16.0 %	0.0190801 ± 0.0009048	0.0377753 ± 0.0286561	0.0465364 ± 0.0275038	0.0047480 ± 0.0245484	5.6314624 ± 0.1628303
14D26526	17.0 %	0.0191711 ± 0.0009048	0.0331023 ± 0.0286561	0.0460532 ± 0.0275038	0.0010667 ± 0.0245484	5.6256736 ± 0.1628303
14D26528	18.0 %	0.0192731 ± 0.0009048	0.0245794 ± 0.0286561	0.0478453 ± 0.0275038	0.0027846 ± 0.0245484	5.6120859 ± 0.1628303
14D26529	19.0 %	0.0192814 ± 0.0009048	0.0203161 ± 0.0286561	0.0502409 ± 0.0275038	0.0032002 ± 0.0245484	5.6031337 ± 0.1628303
14D26531	20.0 %	0.0192010 ± 0.0009048	0.0135159 ± 0.0286561	0.0571788 ± 0.0275038	0.0010535 ± 0.0245484	5.5837008 ± 0.1628303
14D26532	21.0 %	0.0191253 ± 0.0009048	0.0111601 ± 0.0286561	0.0612633 ± 0.0275038	0.0010207 ± 0.0245484	5.5740506 ± 0.1628303
14D26534	22.0 %	0.0189340 ± 0.0009048	0.0087779 ± 0.0286561	0.0700772 ± 0.0275038	0.0061325 ± 0.0245484	5.5560711 ± 0.1628303
14D26535	23.0 %	0.0188457 ± 0.0009048	0.0091499 ± 0.0286561	0.0741049 ± 0.0275038	0.0083914 ± 0.0245484	5.5494719 ± 0.1628303
14D26537	24.0 %	0.0187902 ± 0.0009048	0.0132926 ± 0.0286561	0.0785609 ± 0.0275038	0.0095168 ± 0.0245484	5.5467351 ± 0.1628303

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)
14D26513	5.0 %	0.0341274 ± 0.0004744	0.7119	EXP 150 of 150	0.0157499 ± 0.0292820	0.0111	EXP 150 of 150	0.0500097 ± 0.0251725	0.0006	EXP 150 of 150	0.7986230 ± 0.0218972	0.0464	EXP 150 of 150	20.4895866 ± 0.0294847	0.9973	EXP 150 of 150
14D26514	8.0 %	0.0317502 ± 0.0004878	0.7044	EXP 150 of 150	0.2084321 ± 0.0299231	0.0098	EXP 150 of 150	0.0294813 ± 0.0281243	0.0010	EXP 150 of 150	2.6924341 ± 0.0248526	0.2038	EXP 150 of 150	44.3425936 ± 0.0348427	0.9940	EXP 150 of 150
14D26516	10.0 %	0.0347749 ± 0.0004723	0.6756	EXP 150 of 150	0.4878312 ± 0.0306955	0.0000	EXP 150 of 150	0.0274496 ± 0.0261917	0.0037	EXP 150 of 150	2.7475204 ± 0.0255625	0.1540	EXP 150 of 150	45.1968984 ± 0.0291566	0.9954	EXP 150 of 150
14D26517	11.0 %	0.0328237 ± 0.0005106	0.6841	EXP 150 of 150	0.5212307 ± 0.0297074	0.0094	EXP 150 of 150	0.0299767 ± 0.0293746	0.0027	EXP 150 of 150	1.3625993 ± 0.0253042	0.0041	EXP 150 of 150	26.0895723 ± 0.0297046	0.9968	EXP 150 of 150
14D26519	12.0 %	0.0284689 ± 0.0004715	0.7040	EXP 150 of 150	0.4369466 ± 0.0288611	0.0022	EXP 149 of 150	0.0130956 ± 0.0292800	0.0009	EXP 150 of 150	1.3947826 ± 0.0255677	0.0477	EXP 150 of 150	24.9719359 ± 0.0293832	0.9965	EXP 150 of 150
14D26520	13.0 %	0.0207193 ± 0.0003981	0.8153	EXP 150 of 150	0.1276719 ± 0.0295405	0.0099	EXP 150 of 150	0.0425736 ± 0.0257578	0.0096	EXP 150 of 150	0.2062702 ± 0.0247764	0.0686	EXP 150 of 150	9.1319927 ± 0.0303785	0.9972	EXP 150 of 150
14D26522	14.0 %	0.0325685 ± 0.0004953	0.6923	EXP 150 of 150	0.6612483 ± 0.0299410	0.0112	EXP 150 of 150	0.0538784 ± 0.0279140	0.0061	EXP 150 of 150	0.9913205 ± 0.0248033	0.0239	EXP 150 of 150	19.2474430 ± 0.0286726	0.9968	EXP 150 of 150
14D26523	15.0 %	0.0381518 ± 0.0004995	0.6534	EXP 150 of 150	1.0198408 ± 0.0318406	0.0270	EXP 150 of 150	0.0658111 ± 0.0237534	0.0089	EXP 150 of 150	0.7425435 ± 0.0269131	0.0025	EXP 150 of 150	15.5889479 ± 0.0293921	0.9969	EXP 150 of 150
14D26525	16.0 %	0.0367958 ± 0.0004602	0.7326	EXP 150 of 150	1.0205104 ± 0.0300432	0.1277	EXP 150 of 150	0.0128400 ± 0.0269732	0.0010	EXP 150 of 150	0.4876747 ± 0.0245686	0.0062	EXP 150 of 150	12.2505932 ± 0.0262362	0.9976	EXP 150 of 150
14D26526	17.0 %	0.0327211 ± 0.0005197	0.6151	EXP 150 of 150	0.6803127 ± 0.0280144	0.0295	EXP 150 of 150	0.0103149 ± 0.0260066	0.0013	EXP 150 of 150	0.7721223 ± 0.0234225	0.0138	EXP 150 of 150	16.1451844 ± 0.0280747	0.9969	EXP 150 of 150
14D26528	18.0 %	0.0387538 ± 0.0005015	0.5148	EXP 149 of 150	1.0752894 ± 0.0283157	0.0542	EXP 149 of 150	0.0439051 ± 0.0263977	0.0007	EXP 150 of 150	0.3199288 ± 0.0227960	0.0166	EXP 149 of 150	10.0631677 ± 0.0285481	0.9970	EXP 150 of 150
14D26529	19.0 %	0.0338422 ± 0.0004826	0.5834	EXP 150 of 150	0.7682608 ± 0.0287577	0.0284	EXP 150 of 150	0.0649915 ± 0.0250831	0.0017	EXP 150 of 150	0.2656193 ± 0.0238519	0.0082	EXP 150 of 150	9.1359648 ± 0.0274627	0.9973	EXP 150 of 150
14D26531	20.0 %	0.0418305 ± 0.0005219	0.5136	EXP 150 of 150	1.2368600 ± 0.0309757	0.0446	EXP 150 of 150	0.0099230 ± 0.0283274	0.0089	EXP 150 of 150	0.4912455 ± 0.0246260	0.0008	EXP 150 of 150	12.8257356 ± 0.0284752	0.9967	EXP 150 of 150
14D26532	21.0 %	0.0505864 ± 0.0005790	0.3782	EXP 150 of 150	1.8467298 ± 0.0259088	0.1694	EXP 150 of 150	0.0474870 ± 0.0248172	0.0028	EXP 150 of 150	0.4432846 ± 0.0242213	0.0115	EXP 150 of 150	12.0484989 ± 0.0263968	0.9972	EXP 150 of 150
14D26534	22.0 %	0.0723213 ± 0.0006821	0.1147	EXP 150 of 150	3.1786667 ± 0.0360076	0.2692	EXP 150 of 150	0.0763390 ± 0.0284809	0.0011	EXP 150 of 150	0.3519800 ± 0.0252544	0.0287	EXP 150 of 150	9.3010155 ± 0.0299856	0.9968	EXP 150 of 150
14D26535	23.0 %	0.0486718 ± 0.0005941	0.4465	EXP 150 of 150	1.7870982 ± 0.0300481	0.1667	EXP 150 of 150	0.0431921 ± 0.0254528	0.0019	EXP 149 of 150	0.1423268 ± 0.0236919	0.0443	EXP 150 of 150	7.4218251 ± 0.0263795	0.9974	EXP 150 of 150
14D26537	24.0 %	0.0548996 ± 0.0005511	0.4690	EXP 150 of 150	2.1720371 ± 0.0270358	0.1294	EXP 150 of 150	0.0607596 ± 0.0280620	0.0000	EXP 150 of 150	0.1629859 ± 0.0252886	0.0004	EXP 150 of 150	7.5839341 ± 0.0278915	0.9968	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
14D26513	5.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	24.30	French Polynesia\Rurutu (13-INT-08)	14D26512	01
14D26514	8.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	24.30	French Polynesia\Rurutu (13-INT-08)	14D26512	01
14D26516	10.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	24.30	French Polynesia\Rurutu (13-INT-08)	14D26512	01
14D26517	11.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	24.30	French Polynesia\Rurutu (13-INT-08)	14D26512	01
14D26519	12.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	24.30	French Polynesia\Rurutu (13-INT-08)	14D26512	01
14D26520	13.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	24.30	French Polynesia\Rurutu (13-INT-08)	14D26512	01
14D26522	14.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	24.30	French Polynesia\Rurutu (13-INT-08)	14D26512	01
14D26523	15.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	24.30	French Polynesia\Rurutu (13-INT-08)	14D26512	01
14D26525	16.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	24.30	French Polynesia\Rurutu (13-INT-08)	14D26512	01
14D26526	17.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	24.30	French Polynesia\Rurutu (13-INT-08)	14D26512	01
14D26528	18.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	24.30	French Polynesia\Rurutu (13-INT-08)	14D26512	01
14D26529	19.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	24.30	French Polynesia\Rurutu (13-INT-08)	14D26512	01
14D26531	20.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	24.30	French Polynesia\Rurutu (13-INT-08)	14D26512	01
14D26532	21.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	24.30	French Polynesia\Rurutu (13-INT-08)	14D26512	01
14D26534	22.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	24.30	French Polynesia\Rurutu (13-INT-08)	14D26512	01
14D26535	23.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	24.30	French Polynesia\Rurutu (13-INT-08)	14D26512	01
14D26537	24.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	24.30	French Polynesia\Rurutu (13-INT-08)	14D26512	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
14D26513	5.0 %	RR1310-D27-35	Hornblende	Rurutu Hotspot	FCT-NM (2A20-14)	28.201	0.082	Kuiper et al. (2008)	8.81741	0.095	0.00178254	0.095	303.989	0.137	0.9930096	0.067	1	4.8E-14	3	OCT	2014	9	2	1
14D26514	8.0 %	RR1310-D27-35	Hornblende	Rurutu Hotspot	FCT-NM (2A20-14)	28.201	0.082	Kuiper et al. (2008)	8.81741	0.095	0.00178254	0.095	303.989	0.137	0.9930096	0.067	1	4.8E-14	3	OCT	2014	9	14	1
14D26516	10.0 %	RR1310-D27-35	Hornblende	Rurutu Hotspot	FCT-NM (2A20-14)	28.201	0.082	Kuiper et al. (2008)	8.81741	0.095	0.00178254	0.095	303.989	0.137	0.9930096	0.067	1	4.8E-14	3	OCT	2014	9	39	1
14D26517	11.0 %	RR1310-D27-35	Hornblende	Rurutu Hotspot	FCT-NM (2A20-14)	28.201	0.082	Kuiper et al. (2008)	8.81741	0.095	0.00178254	0.095	303.989	0.137	0.9930096	0.067	1	4.8E-14	3	OCT	2014	9	52	1
14D26519	12.0 %	RR1310-D27-35	Hornblende	Rurutu Hotspot	FCT-NM (2A20-14)	28.201	0.082	Kuiper et al. (2008)	8.81741	0.095	0.00178254	0.095	303.989	0.137	0.9930096	0.067	1	4.8E-14	3	OCT	2014	10	17	1
14D26520	13.0 %	RR1310-D27-35	Hornblende	Rurutu Hotspot	FCT-NM (2A20-14)	28.201	0.082	Kuiper et al. (2008)	8.81741	0.095	0.00178254	0.095	303.989	0.137	0.9930096	0.067	1	4.8E-14	3	OCT	2014	10	29	1
14D26522	14.0 %	RR1310-D27-35	Hornblende	Rurutu Hotspot	FCT-NM (2A20-14)	28.201	0.082	Kuiper et al. (2008)	8.81741	0.095	0.00178254	0.095	303.989	0.137	0.9930096	0.067	1	4.8E-14	3	OCT	2014	10	54	1
14D26523	15.0 %	RR1310-D27-35	Hornblende	Rurutu Hotspot	FCT-NM (2A20-14)	28.201	0.082	Kuiper et al. (2008)	8.81741	0.095	0.00178254	0.095	303.989	0.137	0.9930096	0.067	1	4.8E-14	3	OCT	2014	11	6	1
14D26525	16.0 %	RR1310-D27-35	Hornblende	Rurutu Hotspot	FCT-NM (2A20-14)	28.201	0.082	Kuiper et al. (2008)	8.81741	0.095	0.00178254	0.095	303.989	0.137	0.9930096	0.067	1	4.8E-14	3	OCT	2014	11	31	1
14D26526	17.0 %	RR1310-D27-35	Hornblende	Rurutu Hotspot	FCT-NM (2A20-14)	28.201	0.082	Kuiper et al. (2008)	8.81741	0.095	0.00178254	0.095	303.989	0.137	0.9930096	0.067	1	4.8E-14	3	OCT	2014	11	44	1
14D26528	18.0 %	RR1310-D27-35	Hornblende	Rurutu Hotspot	FCT-NM (2A20-14)	28.201	0.082	Kuiper et al. (2008)	8.81741	0.095	0.00178254	0.095	303.989	0.137	0.9930096	0.067	1	4.8E-14	3	OCT	2014	12	8	1
14D26529	19.0 %	RR1310-D27-35	Hornblende	Rurutu Hotspot	FCT-NM (2A20-14)	28.201	0.082	Kuiper et al. (2008)	8.81741	0.095	0.00178254	0.095	303.989	0.137	0.9930096	0.067	1	4.8E-14	3	OCT	2014	12	21	1
14D26531	20.0 %	RR1310-D27-35	Hornblende	Rurutu Hotspot	FCT-NM (2A20-14)	28.201	0.082	Kuiper et al. (2008)	8.81741	0.095	0.00178254	0.095	303.989	0.137	0.9930096	0.067	1	4.8E-14	3	OCT	2014	12	46	1
14D26532	21.0 %	RR1310-D27-35	Hornblende	Rurutu Hotspot	FCT-NM (2A20-14)	28.201	0.082	Kuiper et al. (2008)	8.81741	0.095	0.00178254	0.095	303.989	0.137	0.9930096	0.067	1	4.8E-14	3	OCT	2014	12	58	1
14D26534	22.0 %	RR1310-D27-35	Hornblende	Rurutu Hotspot	FCT-NM (2A20-14)	28.201	0.082	Kuiper et al. (2008)	8.81741	0.095	0.00178254	0.095	303.989	0.137	0.9930096	0.067	1	4.8E-14	3	OCT	2014	13	23	1
14D26535	23.0 %	RR1310-D27-35	Hornblende	Rurutu Hotspot	FCT-NM (2A20-14)	28.201	0.082	Kuiper et al. (2008)	8.81741	0.095	0.00178254	0.095	303.989	0.137	0.9930096	0.067	1	4.8E-14	3	OCT	2014	13	36	1
14D26537	24.0 %	RR1310-D27-35	Hornblende	Rurutu Hotspot	FCT-NM (2A20-14)	28.201	0.082	Kuiper et al. (2008)	8.81741	0.095	0.00178254	0.095	303.989	0.137	0.9930096	0.067	1	4.8E-14	3	OCT	2014	14	0	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
14D26513	5.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D26514	8.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D26516	10.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D26517	11.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D26519	12.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D26520	13.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D26522	14.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D26523	15.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D26525	16.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D26526	17.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D26528	18.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D26529	19.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D26531	20.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D26532	21.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D26534	22.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D26535	23.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D26537	24.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000676	1.32	7.18E-05	12.82	0.000266	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0

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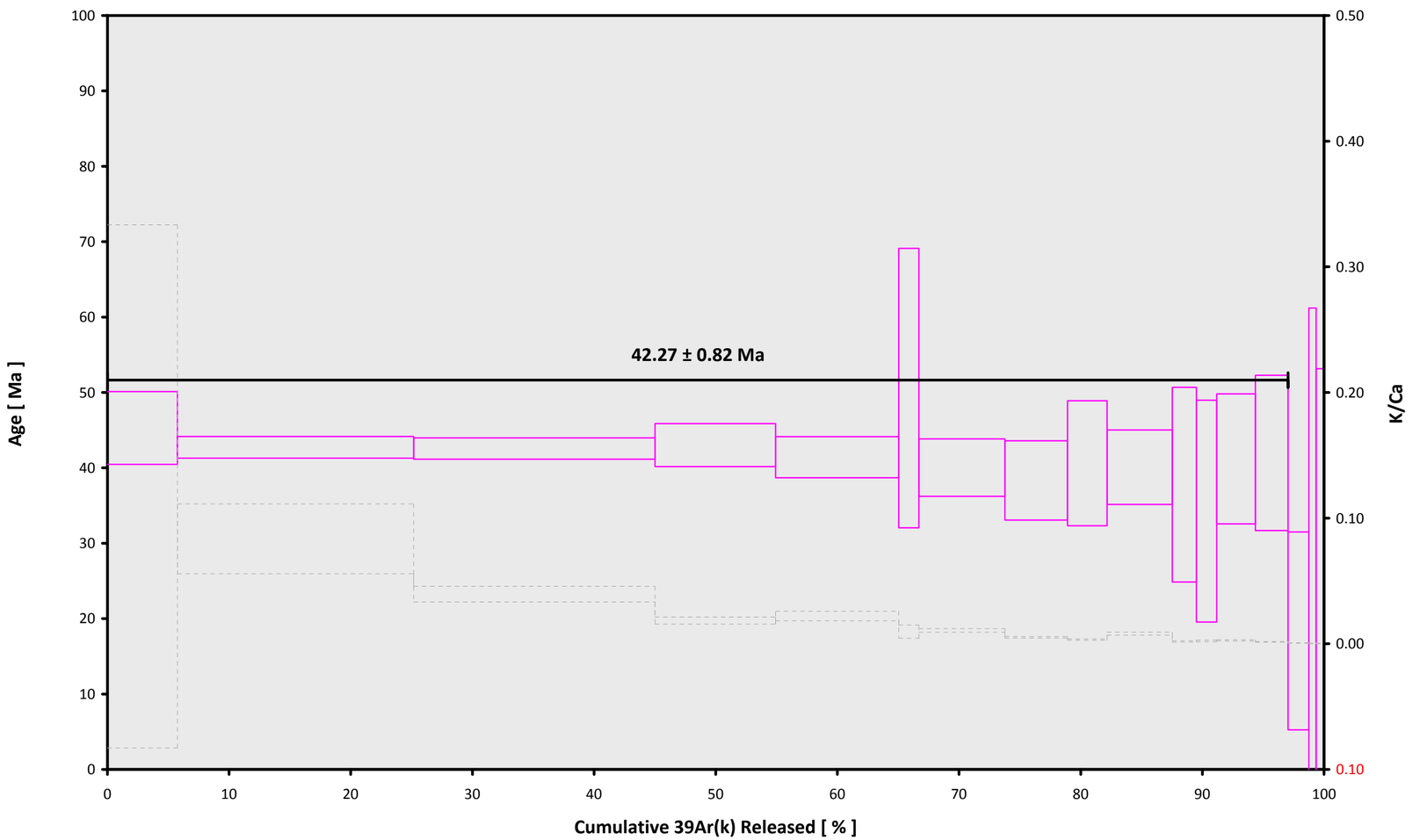


Ar-Ages in Ma

WEIGHTED PLATEAU
42.27 ± 0.82
TOTAL FUSION
41.26 ± 1.13
NORMAL ISOCHRON
43.36 ± 1.38
INVERSE ISOCHRON
42.08 ± 1.41

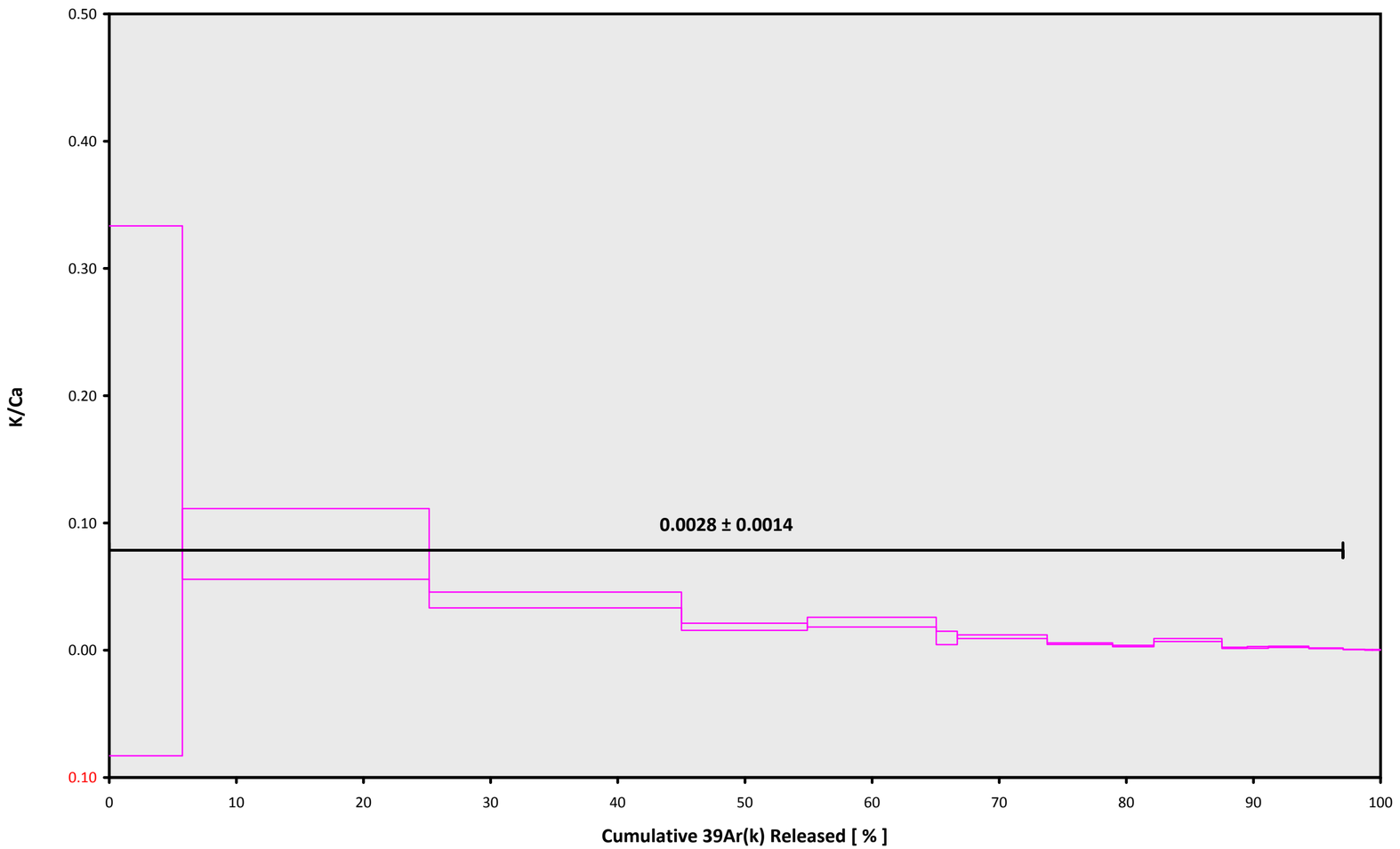
MSWD (PROBABILITY)
0.77 (70%)

Sample Info

Hornblende
Rurutu Hotspot
Kevin Konrad

IRR = 14-OSU-02 (2A20-14)
J = 0.00178254 ± 0.00000169

14D26512.AGE >>> RR1310-D27-35 >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
42.27 ± 0.82
TOTAL FUSION
41.26 ± 1.13
NORMAL ISOCHRON
43.36 ± 1.38
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42.08 ± 1.41

Sample Info

Hornblende
Rurutu Hotspot
Kevin Konrad

IRR = 14-OSU-02 (2A20-14)
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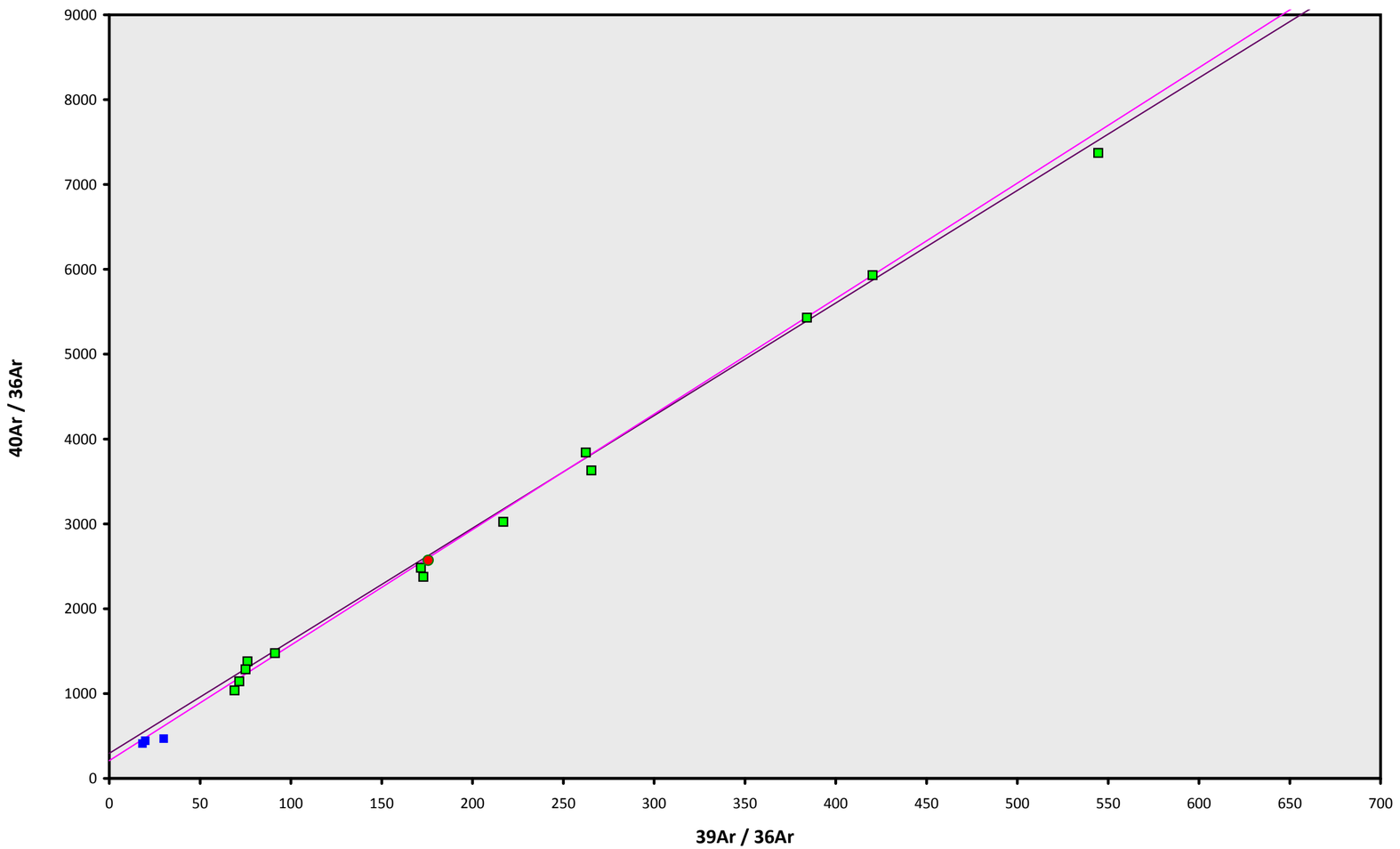
14D26512.AGE >>> RR1310-D27-35 >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
42.27 ± 0.82
TOTAL FUSION
41.26 ± 1.13
NORMAL ISOCHRON
43.36 ± 1.38
INVERSE ISOCHRON
42.08 ± 1.41

MSWD (PROBABILITY)
1.12 (34%)

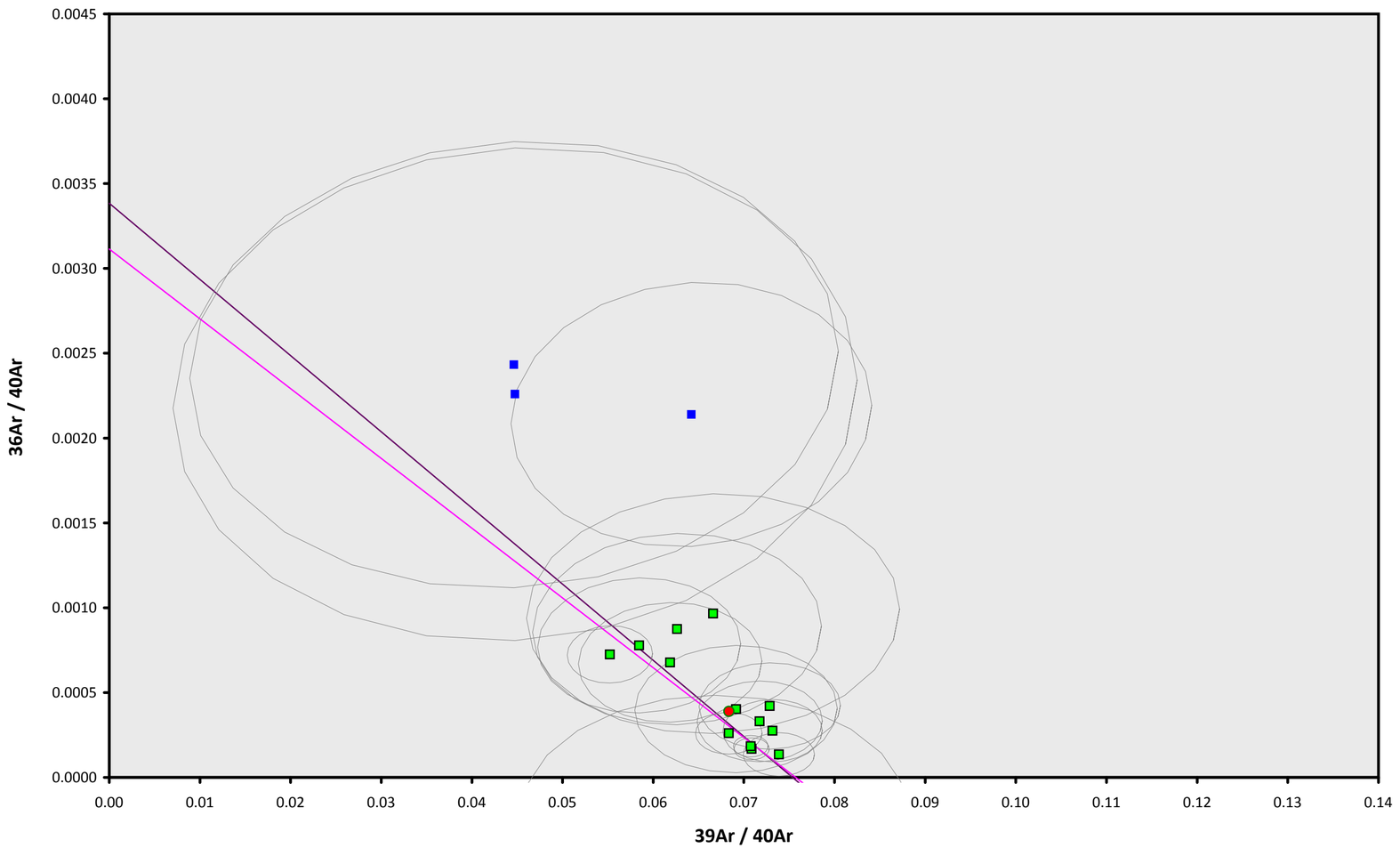
40AR/36AR INTERCEPT
208.5 ± 111.8

Sample Info

Hornblende
Rurutu Hotspot
Kevin Konrad

IRR = 14-OSU-02 (2A20-14)
J = 0.00178254 ± 0.00000169

14D26512.AGE >>> RR1310-D27-35 >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
42.27 ± 0.82
TOTAL FUSION
41.26 ± 1.13
NORMAL ISOCHRON
43.36 ± 1.38
INVERSE ISOCHRON
42.08 ± 1.41

MSWD (PROBABILITY)
0.78 (67%)

SPREADING FACTOR
24.7%

40AR/36AR INTERCEPT
321.1 ± 106.4

Sample Info

Hornblende
Rurutu Hotspot
Kevin Konrad

IRR = 14-OSU-02 (2A20-14)
J = 0.00178254 ± 0.00000169