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
14D26795	1.8 %		0.2260595	0.772	6.6122	37.348	0.0709076	54.807	3.21379	1.412	128.6923	0.172	19.44330 ± 0.66298	60.99 ± 2.05	48.49	1.46	0.209 ± 0.156
14D26797	1.9 %		0.1284351	1.062	5.5725	46.718	0.0003387	########	3.32439	1.297	96.3295	0.230	17.70836 ± 0.55106	55.63 ± 1.70	61.04	1.51	0.256 ± 0.240
14D26798	2.0 %		0.0493452	2.288	2.0955	124.268	0.0125531	318.152	1.81895	2.424	45.7356	0.482	17.22774 ± 0.97164	54.14 ± 3.01	68.46	0.83	0.373 ± 0.927
14D26800	2.1 %		0.0542727	2.175	4.0764	62.628	0.0176078	217.178	2.88608	1.627	64.0574	0.345	16.76176 ± 0.63251	52.70 ± 1.96	75.45	1.31	0.304 ± 0.381
14D26801	2.2 %		0.0383243	2.992	3.6590	68.934	0.0432360	85.475	2.77316	1.573	56.7773	0.389	16.50498 ± 0.61329	51.91 ± 1.90	80.54	1.26	0.326 ± 0.449
14D26802	2.3 %	✓	0.0268965	4.056	3.4935	70.777	0.0655805	56.083	2.39552	1.785	45.8599	0.482	15.95418 ± 0.67733	50.20 ± 2.10	83.26	1.09	0.295 ± 0.417
14D26804	2.4 %	✓	0.0269423	4.226	4.4432	56.654	0.0536993	70.809	3.05515	1.434	56.4211	0.391	15.98837 ± 0.54530	50.30 ± 1.69	86.49	1.39	0.295 ± 0.335
14D26805	2.5 %	✓	0.0169974	6.035	4.9930	50.231	0.0393437	98.025	2.11001	2.128	37.7439	0.585	15.71559 ± 0.78198	49.46 ± 2.43	87.72	0.96	0.181 ± 0.182
14D26806	2.6 %	✓	0.0144543	7.151	4.5534	58.395	0.0136429	279.524	2.44278	1.774	43.0647	0.512	16.04390 ± 0.67092	50.48 ± 2.08	90.89	1.11	0.230 ± 0.269
14D26808	2.7 %	✓	0.0160461	6.283	7.9344	30.429	0.0125717	304.259	3.11690	1.434	53.7255	0.411	15.93950 ± 0.53077	50.15 ± 1.65	92.31	1.42	0.169 ± 0.103
14D26809	2.8 %	✓	0.0162912	6.607	8.6107	30.448	0.0440787	89.621	3.69104	1.172	62.1731	0.355	15.74464 ± 0.43983	49.55 ± 1.37	93.32	1.68	0.184 ± 0.112
14D26810	2.9 %	✓	0.0096073	10.291	7.3865	34.911	0.0594758	64.206	2.22963	1.966	38.0006	0.580	16.06438 ± 0.73688	50.54 ± 2.29	94.04	1.01	0.130 ± 0.091
14D26812	3.0 %	✓	0.0091114	11.073	3.4976	73.333	0.0276090	136.164	2.45729	1.815	40.9545	0.539	15.69410 ± 0.66638	49.39 ± 2.07	94.07	1.12	0.302 ± 0.443
14D26813	3.2 %	✓	0.0133464	7.675	8.0401	32.399	0.0343336	106.152	4.52256	0.968	73.9129	0.299	15.62596 ± 0.35743	49.18 ± 1.11	95.50	2.06	0.242 ± 0.157
14D26814	3.4 %	✓	0.0112283	9.115	9.6147	26.315	0.0688905	58.381	3.71775	1.186	60.3427	0.366	15.56599 ± 0.43495	48.99 ± 1.35	95.74	1.69	0.166 ± 0.087
14D26816	3.6 %	✓	0.0117245	8.878	9.4064	27.993	0.0275180	143.533	3.98566	1.112	64.5043	0.342	15.52149 ± 0.40850	48.85 ± 1.27	95.75	1.81	0.182 ± 0.102
14D26817	3.9 %	✓	0.0154648	6.530	19.9251	13.178	0.1226234	31.877	7.24550	0.616	116.5494	0.190	15.69724 ± 0.22683	49.40 ± 0.70	97.40	3.29	0.156 ± 0.041
14D26818	4.2 %	✓	0.0118412	8.590	20.2680	13.193	0.1256803	30.905	6.02959	0.714	96.5568	0.229	15.73077 ± 0.26654	49.50 ± 0.83	98.01	2.74	0.128 ± 0.034
14D26820	4.5 %	✓	0.0164515	6.248	24.1869	10.690	0.1199799	31.464	7.23190	0.634	117.0011	0.189	15.80174 ± 0.23321	49.72 ± 0.72	97.45	3.28	0.128 ± 0.027
14D26821	4.8 %	✓	0.0139035	7.700	28.3777	9.256	0.0855756	42.023	7.47633	0.612	118.4627	0.187	15.63045 ± 0.22495	49.19 ± 0.70	98.39	3.39	0.113 ± 0.021
14D26822	5.1 %	✓	0.0176213	5.655	31.9477	8.135	0.0949883	40.351	8.35575	0.523	132.4485	0.167	15.56527 ± 0.19202	48.99 ± 0.60	97.94	3.79	0.112 ± 0.018
14D26824	5.4 %	✓	0.0185923	5.523	42.5576	6.120	0.1518786	24.035	9.30591	0.492	146.4382	0.152	15.55015 ± 0.17931	48.94 ± 0.56	98.51	4.22	0.094 ± 0.012
14D26825	5.8 %	✓	0.0264260	3.997	64.8950	4.100	0.1923054	19.228	12.47457	0.372	197.8870	0.112	15.69827 ± 0.13658	49.40 ± 0.42	98.61	5.66	0.082 ± 0.007
14D26826	6.2 %	✓	0.0420728	2.647	76.8317	3.404	0.1863465	20.729	13.09068	0.338	209.3907	0.106	15.56560 ± 0.12597	48.99 ± 0.39	96.93	5.93	0.073 ± 0.005
14D26828	6.8 %	✓	0.0308472	3.344	83.9627	3.202	0.1838994	20.879	12.91063	0.363	202.5446	0.110	15.55865 ± 0.13205	48.97 ± 0.41	98.74	5.85	0.066 ± 0.004
14D26829	7.4 %	✓	0.0278227	3.776	79.3136	3.386	0.1264137	31.090	11.93365	0.389	186.0125	0.120	15.48703 ± 0.14162	48.75 ± 0.44	98.91	5.40	0.064 ± 0.004
14D26830	8.3 %	✓	0.0328390	3.145	94.1501	2.847	0.1867137	20.172	13.84846	0.320	214.6357	0.103	15.40018 ± 0.11736	48.48 ± 0.36	98.91	6.27	0.063 ± 0.004
14D26832	9.3 %		0.0287507	3.721	77.4363	3.322	0.1683413	22.598	12.54471	0.379	191.1048	0.116	15.10166 ± 0.13450	47.55 ± 0.42	98.72	5.68	0.069 ± 0.005
14D26833	10.4 %		0.0252784	4.167	54.2581	4.720	0.1425091	27.142	10.91748	0.409	160.9051	0.138	14.49008 ± 0.14323	45.65 ± 0.45	97.99	4.95	0.086 ± 0.008
14D26834	11.7 %		0.0240908	4.383	38.4834	6.614	0.1375997	26.579	8.63629	0.506	122.8678	0.180	13.79132 ± 0.17226	43.47 ± 0.54	96.65	3.92	0.096 ± 0.013
14D26836	13.5 %		0.0279603	3.560	40.9203	6.284	0.1701940	21.979	8.57529	0.520	113.5568	0.195	12.69215 ± 0.16492	40.05 ± 0.51	95.54	3.89	0.090 ± 0.011
14D26837	15.5 %		0.0372647	2.910	55.1499	4.846	0.1513719	24.676	7.48656	0.616	92.7498	0.238	11.55206 ± 0.18603	36.49 ± 0.58	92.78	3.39	0.058 ± 0.006
14D26838	17.6 %		0.0459313	2.472	77.2820	3.527	0.0709453	53.630	5.85140	0.759	69.2057	0.319	10.63809 ± 0.22642	33.63 ± 0.71	89.14	2.64	0.032 ± 0.002
14D26840	19.8 %		0.0538335	2.041	99.1011	2.681	0.0232715	164.562	4.28241	1.009	48.9679	0.450	9.68872 ± 0.28998	30.65 ± 0.91	83.41	1.92	0.018 ± 0.001
14D26841	22.1 %		0.0655095	1.835	118.0017	2.299	0.0456009	85.353	2.96338	1.504	36.2073	0.609	9.05933 ± 0.42975	28.67 ± 1.35	72.15	1.31	0.011 ± 0.001
14D26842	24.5 %		0.0734002	1.617	123.4224	2.138	0.0136814	290.487	1.81759	2.465	27.8592	0.791	9.15412 ± 0.71427	28.97 ± 2.24	56.98	0.79	0.006 ± 0.000
	Σ		1.3049844	0.506	1344.4604	1.160	3.0632665	7.476	220.71871	0.121	3569.6468	0.037					

Information on Analysis and Constants Used in Calculations

Project = **RURUTU (13-INT-08)**
Sample = **RR1310-D15-02**
Material = **Groundmass**
Location = **Rurutu Hotspot**
Region = **Tuvalu**
Analyst = **Kevin Konrad**
Irradiation = **14-OSU-02 (2A38-14)**
Position = **X: 0 | Y: 0 | Z/H: 45.3 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **8.90865 ± 0.00837**
FCT-NM J-value = **0.00176428 ± 0.00000166**
Air Shot 40Ar/36Ar = **303.9430 ± 0.4103**
Air Shot MDF = **0.99304647 ± 0.00066380 (LIN)**
Experiment Type = **Incremental Heating**
Extraction Method = **Bulk Laser Heating**
Heating = **77 sec**
Isolation = **10.00 min**
Instrument = **ARGUS-VI-D**
Preferred Age = **Inverse Isochron**
Age Classification = **Eruption Age**
IGSN = **IEKK1-RR1310-D15-02GM**
Rock Class = **Igneous>Volcanic**
Lithology = **Basalt**
Lat-Lon = **7°13.3'S - 178°35.9'E**

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

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau		15.58282 ± 0.05568	**49.04 ± 0.20**	1.45	65.15	0.070 ± 0.006
		± 0.36%	**± 0.40%**	8%	22	
		Full External Error ± 1.12		1.62	2σ Confidence Limit	
		Analytical Error ± 0.17		1.2041	Error Magnification	
Total Fusion Age		14.96304 ± 0.04381	**47.12 ± 0.16**		36	0.070 ± 0.002
		± 0.29%	**± 0.34%**			
		Full External Error ± 1.07				
		Analytical Error ± 0.14				
Normal Isochron	**362.59 ± 38.69**	15.48035 ± 0.06724	**48.73 ± 0.23**	0.88	65.15	
	± 10.67%	± 0.43%	**± 0.47%**	62%	22	
		Full External Error ± 1.12		1.63	2σ Confidence Limit	
		Analytical Error ± 0.21		1.0000	Error Magnification	
				1	Number of Iterations	
				0.0000032519	Convergence	
Inverse Isochron	**360.37 ± 38.54**	15.50683 ± 0.06741	**48.81 ± 0.23**	0.94	65.15	
	± 10.69%	± 0.43%	**± 0.47%**	53%	22	
		Full External Error ± 1.12		1.63	2σ Confidence Limit	
		Analytical Error ± 0.21		1.0000	Error Magnification	
Notes				3	Number of Iterations	
				0.0000716713	Convergence	
				19%	Spreading Factor	

The sample produces a good plateau but has a slightly above atmospheric intercept. Thus the inverse isochron age of 48.8 Ma is likely better representative of the eruption age.

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
14D26795	1.8 %		0.2242987	6.6122	0.0000000	3.20932	62.3997	60.99 ± 2.05	48.49	1.46	0.209 ± 0.156
14D26797	1.9 %		0.1269511	5.5725	0.0000000	3.32062	58.8027	55.63 ± 1.70	61.04	1.51	0.256 ± 0.240
14D26798	2.0 %		0.0487872	2.0955	0.0000000	1.81754	31.3121	54.14 ± 3.01	68.46	0.83	0.373 ± 0.927
14D26800	2.1 %		0.0531872	4.0764	0.0000000	2.88332	48.3296	52.70 ± 1.96	75.45	1.31	0.304 ± 0.381
14D26801	2.2 %		0.0373490	3.6590	0.0026587	2.77068	45.7301	51.91 ± 1.90	80.54	1.26	0.326 ± 0.449
14D26802	2.3 %	✓	0.0259555	3.4935	0.0316865	2.39316	38.1809	50.20 ± 2.10	83.26	1.09	0.295 ± 0.417
14D26804	2.4 %	✓	0.0257551	4.4432	0.0118463	3.05214	48.7988	50.30 ± 1.69	86.49	1.39	0.295 ± 0.335
14D26805	2.5 %	✓	0.0156641	4.9930	0.0107126	2.10664	33.1070	49.46 ± 2.43	87.72	0.96	0.181 ± 0.182
14D26806	2.6 %	✓	0.0132418	4.5534	0.0000000	2.43971	39.1424	50.48 ± 2.08	90.89	1.11	0.230 ± 0.269
14D26808	2.7 %	✓	0.0139332	7.9344	0.0000000	3.11154	49.5964	50.15 ± 1.65	92.31	1.42	0.169 ± 0.103
14D26809	2.8 %	✓	0.0139981	8.6107	0.0000000	3.68523	58.0226	49.55 ± 1.37	93.32	1.68	0.184 ± 0.112
14D26810	2.9 %	✓	0.0076299	7.3865	0.0307548	2.22464	35.7374	50.54 ± 2.29	94.04	1.01	0.130 ± 0.091
14D26812	3.0 %	✓	0.0081800	3.4976	0.0000000	2.45493	38.5279	49.39 ± 2.07	94.07	1.12	0.302 ± 0.443
14D26813	3.2 %	✓	0.0112053	8.0401	0.0000000	4.51713	70.5845	49.18 ± 1.11	95.50	2.06	0.242 ± 0.157
14D26814	3.4 %	✓	0.0086605	9.6147	0.0219315	3.71125	57.7693	48.99 ± 1.35	95.74	1.69	0.166 ± 0.087
14D26816	3.6 %	✓	0.0092196	9.4064	0.0000000	3.97930	61.7647	48.85 ± 1.27	95.75	1.81	0.182 ± 0.102
14D26817	3.9 %	✓	0.0101479	19.9251	0.0322875	7.23204	113.5231	49.40 ± 0.70	97.40	3.29	0.156 ± 0.041
14D26818	4.2 %	✓	0.0064268	20.2680	0.0506466	6.01590	94.6347	49.50 ± 0.83	98.01	2.74	0.128 ± 0.034
14D26820	4.5 %	✓	0.0100006	24.1869	0.0295638	7.21556	114.0183	49.72 ± 0.72	97.45	3.28	0.128 ± 0.027
14D26821	4.8 %	✓	0.0063465	28.3777	0.0000000	7.45716	116.5588	49.19 ± 0.70	98.39	3.39	0.113 ± 0.021
14D26822	5.1 %	✓	0.0091136	31.9477	0.0000000	8.33417	129.7236	48.99 ± 0.60	97.94	3.79	0.112 ± 0.018
14D26824	5.4 %	✓	0.0072472	42.5576	0.0358550	9.27715	144.2612	48.94 ± 0.56	98.51	4.22	0.094 ± 0.012
14D26825	5.8 %	✓	0.0091322	64.8950	0.0363851	12.43073	195.1409	49.40 ± 0.42	98.61	5.66	0.082 ± 0.007
14D26826	6.2 %	✓	0.0216058	76.8317	0.0199224	13.03877	202.9563	48.99 ± 0.39	96.93	5.93	0.073 ± 0.005
14D26828	6.8 %	✓	0.0084806	83.9627	0.0216405	12.85391	199.9894	48.97 ± 0.41	98.74	5.85	0.066 ± 0.004
14D26829	7.4 %	✓	0.0067015	79.3136	0.0000000	11.88006	183.9868	48.75 ± 0.44	98.91	5.40	0.064 ± 0.004
14D26830	8.3 %	✓	0.0077626	94.1501	0.0126574	13.78485	212.2892	48.48 ± 0.36	98.91	6.27	0.063 ± 0.004
14D26832	9.3 %		0.0081257	77.4363	0.0109668	12.49239	188.6559	47.55 ± 0.42	98.72	5.68	0.069 ± 0.005
14D26833	10.4 %		0.0108275	54.2581	0.0056826	10.88082	157.6640	45.65 ± 0.45	97.99	4.95	0.086 ± 0.008
14D26834	11.7 %		0.0138330	38.4834	0.0286609	8.61029	118.7472	43.47 ± 0.54	96.65	3.92	0.096 ± 0.013
14D26836	13.5 %		0.0170426	40.9203	0.0612340	8.54765	108.4880	40.05 ± 0.51	95.54	3.89	0.090 ± 0.011
14D26837	15.5 %		0.0225602	55.1499	0.0535732	7.44930	86.0548	36.49 ± 0.58	92.78	3.39	0.058 ± 0.006
14D26838	17.6 %		0.0253510	77.2820	0.0000000	5.79919	61.6923	33.63 ± 0.71	89.14	2.64	0.032 ± 0.002
14D26840	19.8 %		0.0274429	99.1011	0.0000000	4.21546	40.8424	30.65 ± 0.91	83.41	1.92	0.018 ± 0.001
14D26841	22.1 %		0.0340856	118.0017	0.0000000	2.88366	26.1240	28.67 ± 1.35	72.15	1.31	0.011 ± 0.001
14D26842	24.5 %		0.0405328	123.4224	0.0000000	1.73421	15.8751	28.97 ± 2.24	56.98	0.79	0.006 ± 0.000
	Σ		0.9467831	1344.4604	0.5086659	219.81039	3289.0321				

Information on Analysis

Project = **RURUTU (13-INT-08)**
Sample = **RR1310-D15-02**
Material = **Groundmass**
Location = **Rurutu Hotspot**
Region = **Tuvalu**
Analyst = **Kevin Konrad**
Irradiation = **14-OSU-02 (2A38-14)**
J = **0.00176428 ± 0.00000166**
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	15.58282	± 0.05568	**49.04**	**± 0.20**	1.45	65.15	0.070 ± 0.006
		± 0.36%		**± 0.40%**	8%	22	
			Full External Error	± 1.12	1.62	2σ Confidence Limit	
			Analytical Error	± 0.17	1.2041	Error Magnification	
Total Fusion Age	14.96304	± 0.04381	**47.12**	**± 0.16**		36	0.070 ± 0.002
		± 0.29%		**± 0.34%**			
			Full External Error	± 1.07			
			Analytical Error	± 0.14			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
14D26795	1.8 %		14.31 ± 0.47	573.70 ± 9.74	0.4961
14D26797	1.9 %		26.16 ± 0.93	758.69 ± 18.62	0.6682
14D26798	2.0 %		37.25 ± 2.71	937.31 ± 51.70	0.7340
14D26800	2.1 %		54.21 ± 3.29	1204.17 ± 62.25	0.8361
14D26801	2.2 %		74.18 ± 5.77	1519.90 ± 108.79	0.9090
14D26802	2.3 %	✓	92.20 ± 9.64	1766.51 ± 174.29	0.9351
14D26804	2.4 %	✓	118.51 ± 12.63	2190.22 ± 225.40	0.9602
14D26805	2.5 %	✓	134.49 ± 21.79	2409.06 ± 377.57	0.9620
14D26806	2.6 %	✓	184.24 ± 35.47	3251.48 ± 616.17	0.9814
14D26808	2.7 %	✓	223.32 ± 38.86	3855.09 ± 662.45	0.9851
14D26809	2.8 %	✓	263.27 ± 48.65	4440.52 ± 814.60	0.9911
14D26810	2.9 %	✓	291.57 ± 92.73	4979.35 ± 1572.39	0.9916
14D26812	3.0 %	✓	300.11 ± 90.06	5005.49 ± 1492.04	0.9920
14D26813	3.2 %	✓	403.13 ± 89.36	6594.72 ± 1456.76	0.9958
14D26814	3.4 %	✓	428.52 ± 121.69	6965.90 ± 1971.85	0.9962
14D26816	3.6 %	✓	431.62 ± 117.90	6994.82 ± 1905.00	0.9963
14D26817	3.9 %	✓	712.66 ± 172.76	11482.34 ± 2780.15	0.9986
14D26818	4.2 %	✓	936.07 ± 361.97	15020.59 ± 5804.70	0.9992
14D26820	4.5 %	✓	721.51 ± 178.78	11696.66 ± 2894.76	0.9986
14D26821	4.8 %	✓	1175.00 ± 473.78	18661.35 ± 7521.33	0.9995
14D26822	5.1 %	✓	914.47 ± 243.69	14529.53 ± 3869.20	0.9991
14D26824	5.4 %	✓	1280.11 ± 438.02	20201.39 ± 6909.78	0.9995
14D26825	5.8 %	✓	1361.20 ± 379.37	21663.91 ± 6035.80	0.9996
14D26826	6.2 %	✓	603.48 ± 73.50	9689.09 ± 1178.48	0.9983
14D26828	6.8 %	✓	1515.67 ± 449.12	23877.36 ± 7073.24	0.9997
14D26829	7.4 %	✓	1772.75 ± 672.77	27750.08 ± 10529.27	0.9998
14D26830	8.3 %	✓	1775.81 ± 574.79	27643.30 ± 8945.99	0.9998
14D26832	9.3 %		1537.38 ± 480.99	23512.56 ± 7354.22	0.9997
14D26833	10.4 %		1004.92 ± 233.15	14856.93 ± 3445.01	0.9993
14D26834	11.7 %		622.45 ± 113.11	8879.87 ± 1611.39	0.9982
14D26836	13.5 %		501.55 ± 71.31	6661.20 ± 944.88	0.9969
14D26837	15.5 %		330.20 ± 38.20	4109.94 ± 473.12	0.9934
14D26838	17.6 %		228.76 ± 24.58	2729.02 ± 290.71	0.9880
14D26840	19.8 %		153.61 ± 14.97	1783.77 ± 170.71	0.9732
14D26841	22.1 %		84.60 ± 7.44	1061.92 ± 88.40	0.9260
14D26842	24.5 %		42.79 ± 3.66	687.16 ± 48.05	0.7756

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	**362.59 ± 38.69 ± 10.67%**	15.48035 ± 0.06724 ± 0.43%	**48.73 ± 0.23 ± 0.47%**	0.88 62%
			Full External Error ± 1.12	
			Analytical Error ± 0.21	

Statistics				
	2σ Confidence Limit	1.63	Convergence	0.000003251931
	Error Magnification	1.0000	Number of Iterations	1
	Number of Data Points	22	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
14D26795	1.8 %		0.0249403 ± 0.0007108	0.00174307 ± 0.00002960	0.0246
14D26797	1.9 %		0.0344760 ± 0.0009097	0.00131806 ± 0.00003235	0.0326
14D26798	2.0 %		0.0397461 ± 0.0019674	0.00106688 ± 0.00005885	0.0341
14D26800	2.1 %		0.0450193 ± 0.0015002	0.00083045 ± 0.00004293	0.0276
14D26801	2.2 %		0.0488083 ± 0.0015839	0.00065794 ± 0.00004709	0.0260
14D26802	2.3 %	✓	0.0521946 ± 0.0019334	0.00056609 ± 0.00005585	0.0255
14D26804	2.4 %	✓	0.0541070 ± 0.0016111	0.00045657 ± 0.00004699	0.0199
14D26805	2.5 %	✓	0.0558260 ± 0.0024698	0.00041510 ± 0.00006506	0.0198
14D26806	2.6 %	✓	0.0566644 ± 0.0020965	0.00030755 ± 0.00005828	0.0149
14D26808	2.7 %	✓	0.0579283 ± 0.0017322	0.00025940 ± 0.00004457	0.0131
14D26809	2.8 %	✓	0.0592871 ± 0.0014549	0.00022520 ± 0.00004131	0.0112
14D26810	2.9 %	✓	0.0585553 ± 0.0024073	0.00020083 ± 0.00006342	0.0104
14D26812	3.0 %	✓	0.0599566 ± 0.0022741	0.00019978 ± 0.00005955	0.0103
14D26813	3.2 %	✓	0.0611285 ± 0.0012415	0.00015164 ± 0.00003350	0.0080
14D26814	3.4 %	✓	0.0615174 ± 0.0015302	0.00014356 ± 0.00004064	0.0076
14D26816	3.6 %	✓	0.0617051 ± 0.0014395	0.00014296 ± 0.00003894	0.0074
14D26817	3.9 %	✓	0.0620660 ± 0.0008024	0.00008709 ± 0.00002109	0.0046
14D26818	4.2 %	✓	0.0623191 ± 0.0009371	0.00006658 ± 0.00002573	0.0036
14D26820	4.5 %	✓	0.0616854 ± 0.0008182	0.00008549 ± 0.00002116	0.0044
14D26821	4.8 %	✓	0.0629646 ± 0.0008079	0.00005359 ± 0.00002160	0.0027
14D26822	5.1 %	✓	0.0629390 ± 0.0006928	0.00006883 ± 0.00001833	0.0038
14D26824	5.4 %	✓	0.0633674 ± 0.0006552	0.00004950 ± 0.00001693	0.0026
14D26825	5.8 %	✓	0.0628324 ± 0.0004896	0.00004616 ± 0.00001286	0.0023
14D26826	6.2 %	✓	0.0622849 ± 0.0004429	0.00010321 ± 0.00001255	0.0052
14D26828	6.8 %	✓	0.0634775 ± 0.0004840	0.00004188 ± 0.00001241	0.0021
14D26829	7.4 %	✓	0.0638826 ± 0.0005222	0.00003604 ± 0.00001367	0.0018
14D26830	8.3 %	✓	0.0642402 ± 0.0004346	0.00003618 ± 0.00001171	0.0019
14D26832	9.3 %		0.0653857 ± 0.0005204	0.00004253 ± 0.00001330	0.0022
14D26833	10.4 %		0.0676401 ± 0.0005868	0.00006731 ± 0.00001561	0.0038
14D26834	11.7 %		0.0700964 ± 0.0007553	0.00011261 ± 0.00002044	0.0067
14D26836	13.5 %		0.0752936 ± 0.0008387	0.00015012 ± 0.00002129	0.0096
14D26837	15.5 %		0.0803407 ± 0.0010667	0.00024331 ± 0.00002801	0.0149
14D26838	17.6 %		0.0838233 ± 0.0013922	0.00036643 ± 0.00003903	0.0230
14D26840	19.8 %		0.0861145 ± 0.0019305	0.00056061 ± 0.00005365	0.0378
14D26841	22.1 %		0.0796672 ± 0.0026492	0.00094169 ± 0.00007839	0.0536
14D26842	24.5 %		0.0622638 ± 0.0033687	0.00145526 ± 0.00010175	0.0663

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	**360.37 ± 38.54 ± 10.69%**	15.50683 ± 0.06741 ± 0.43%	**48.81 ± 0.23 ± 0.47%**	0.94 53%
			Full External Error ± 1.12	
			Analytical Error ± 0.21	

Statistics				
	2σ Confidence Limit	1.63	Convergence	0.0000716713
	Error Magnification	1.0000	Number of Iterations	3
	Number of Data Points	22	Calculated Line	Weighted York-2
	Spreading Factor	18.7%		

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
14D26795	1.8 %		0.2242987	0.83	0.0000000	0.00	0.0017608	37.35	0.0000000	0.00	6.6122	37.35	0.0419214	0.83	0.0000000	0.00	0.0386113	1.42	0.0004748	39.49	0.0000000	0.00	3.20932	1.41	0.0044672	37.37	62.3997	0.95	66.28026	0.83	0.0000000	0.00	0.0122692	3.01
14D26797	1.9 %		0.1269511	1.21	0.0000000	0.00	0.0014840	46.72	0.0000000	0.00	5.5725	46.72	0.0237272	1.21	0.0000000	0.00	0.0399504	1.31	0.0004001	48.44	0.0000000	0.00	3.32062	1.30	0.0037648	46.74	58.8027	0.86	37.51406	1.21	0.0000000	0.00	0.0126947	2.96
14D26798	2.0 %		0.0487872	2.72	0.0000000	0.00	0.0005580	124.27	0.0000000	0.00	2.0955	124.27	0.0091183	2.72	0.0000000	0.00	0.0218668	2.43	0.0001505	124.93	0.0000000	0.00	1.81754	2.43	0.0014157	124.27	31.3121	1.44	14.41661	2.72	0.0000000	0.00	0.0069484	3.60
14D26800	2.1 %		0.0531872	2.56	0.0000000	0.00	0.0010855	62.63	0.0000000	0.00	4.0764	62.63	0.0099407	2.56	0.0000000	0.00	0.0346892	1.64	0.0002927	63.93	0.0000000	0.00	2.88332	1.63	0.0027540	62.64	48.3296	0.95	15.71681	2.56	0.0000000	0.00	0.0110229	3.12
14D26801	2.2 %		0.0373490	3.56	0.0000000	0.00	0.0009744	68.93	0.0000009	######	3.6590	68.93	0.0069805	3.56	0.0000000	0.00	0.0333341	1.58	0.0002627	70.12	0.0026587	######	2.77068	1.58	0.0024720	68.95	45.7301	0.98	11.03663	3.56	0.0000000	0.00	0.0105923	3.09
14D26802	2.3 %	✓	0.0259555	4.91	0.0000000	0.00	0.0009303	70.78	0.0000107	116.10	3.4935	70.78	0.0048511	4.91	0.0000000	0.00	0.0287921	1.80	0.0002508	71.93	0.0316865	116.10	2.39316	1.79	0.0023602	70.79	38.1809	1.14	7.66985	4.91	0.0000000	0.00	0.0091491	3.21
14D26804	2.4 %	✓	0.0257551	5.13	0.0000000	0.00	0.0011832	56.65	0.0000040	321.04	4.4432	56.65	0.0048136	5.13	0.0000000	0.00	0.0367204	1.45	0.0003190	58.09	0.0118463	321.04	3.05214	1.44	0.0030018	56.67	48.7988	0.92	7.61064	5.13	0.0000000	0.00	0.0116683	3.02
14D26805	2.5 %	✓	0.0156641	7.81	0.0000000	0.00	0.0013296	50.23	0.0000036	360.08	4.9930	50.23	0.0029276	7.81	0.0000000	0.00	0.0253450	2.14	0.0003585	51.84	0.0107126	360.08	2.10664	2.13	0.0033733	50.25	33.1070	1.28	4.62875	7.81	0.0000000	0.00	0.0080537	3.41
14D26806	2.6 %	✓	0.0132418	9.46	0.0000000	0.00	0.0012126	58.40	0.0000000	0.00	4.5534	58.39	0.0024749	9.46	0.0000000	0.00	0.0293521	1.78	0.0003269	59.79	0.0000000	0.00	2.43971	1.78	0.0030763	58.41	39.1424	1.10	3.91294	9.46	0.0000000	0.00	0.0093270	3.20
14D26808	2.7 %	✓	0.0139332	8.58	0.0000000	0.00	0.0021129	30.43	0.0000000	0.00	7.9344	30.43	0.0026041	8.58	0.0000000	0.00	0.0374349	1.45	0.0005697	33.02	0.0000000	0.00	3.11154	1.44	0.0053605	30.46	49.5964	0.84	4.11725	8.58	0.0000000	0.00	0.0118954	3.02
14D26809	2.8 %	✓	0.0139981	9.17	0.0000000	0.00	0.0022930	30.45	0.0000000	0.00	8.6107	30.45	0.0026163	9.17	0.0000000	0.00	0.0443370	1.19	0.0006182	33.04	0.0000000	0.00	3.68523	1.17	0.0058174	30.48	58.0226	0.76	4.13645	9.17	0.0000000	0.00	0.0140886	2.91
14D26810	2.9 %	✓	0.0076299	15.78	0.0000000	0.00	0.0019670	34.91	0.0000104	124.19	7.3865	34.91	0.0014260	15.78	0.0000000	0.00	0.0267646	1.98	0.0005304	37.19	0.0307548	124.20	2.22464	1.97	0.0049903	34.94	35.7374	1.17	2.25464	15.78	0.0000000	0.00	0.0085048	3.31
14D26812	3.0 %	✓	0.0081800	14.89	0.0000000	0.00	0.0009314	73.33	0.0000000	0.00	3.4976	73.33	0.0015288	14.89	0.0000000	0.00	0.0295352	1.83	0.0002511	74.45	0.0000000	0.00	2.45493	1.82	0.0023630	73.35	38.5279	1.10	2.41720	14.89	0.0000000	0.00	0.0093852	3.22
14D26813	3.2 %	✓	0.0112053	11.04	0.0000000	0.00	0.0021411	32.40	0.0000000	0.00	8.0401	32.40	0.0020943	11.04	0.0000000	0.00	0.0543456	0.98	0.0005773	34.84	0.0000000	0.00	4.51713	0.97	0.0054319	32.43	70.5845	0.61	3.31116	11.04	0.0000000	0.00	0.0172690	2.83
14D26814	3.4 %	✓	0.0086605	14.15	0.0000000	0.00	0.0025604	26.32	0.0000074	183.42	9.6147	26.31	0.0016187	14.15	0.0000000	0.00	0.0446501	1.20	0.0006903	29.27	0.0219315	183.42	3.71125	1.19	0.0064957	26.35	57.7693	0.73	2.55919	14.15	0.0000000	0.00	0.0141881	2.91
14D26816	3.6 %	✓	0.0092196	13.61	0.0000000	0.00	0.0025049	27.99	0.0000000	0.00	9.4064	27.99	0.0017231	13.61	0.0000000	0.00	0.0478750	1.13	0.0006754	30.79	0.0000000	0.00	3.97930	1.12	0.0063549	28.02	61.7647	0.70	2.72438	13.61	0.0000000	0.00	0.0152129	2.88
14D26817	3.9 %	✓	0.0101479	12.10	0.0000000	0.00	0.0053060	13.18	0.0000109	121.09	19.9251	13.18	0.0018966	12.10	0.0000000	0.00	0.0870087	0.64	0.0014306	18.39	0.0322875	121.10	7.23204	0.62	0.0134614	13.24	113.5231	0.37	2.99871	12.10	0.0000000	0.00	0.0276481	2.73
14D26818	4.2 %	✓	0.0064268	19.32	0.0000000	0.00	0.0053974	13.19	0.0000171	76.71	20.2680	13.19	0.0012012	19.32	0.0000000	0.00	0.0723773	0.73	0.0014552	18.40	0.0506466	76.72	6.01590	0.72	0.0136931	13.26	94.6347	0.45	1.89911	19.32	0.0000000	0.00	0.0229988	2.75
14D26820	4.5 %	✓	0.0100006	12.37	0.0000000	0.00	0.0064410	10.69	0.0000100	127.72	24.1869	10.69	0.0018691	12.37	0.0000000	0.00	0.0868104	0.66	0.0017366	16.69	0.0295638	127.72	7.21556	0.64	0.0163407	10.77	114.0183	0.37	2.95517	12.37	0.0000000	0.00	0.0275851	2.73
14D26821	4.8 %	✓	0.0063465	20.15	0.0000000	0.00	0.0075570	9.26	0.0000000	0.00	28.3777	9.26	0.0011862	20.15	0.0000000	0.00	0.0897171	0.63	0.0020375	15.81	0.0000000	0.00	7.45716	0.61	0.0191720	9.35	116.5588	0.38	1.87539	20.15	0.0000000	0.00	0.0285087	2.73
14D26822	5.1 %	✓	0.0091136	13.31	0.0000000	0.00	0.0085077	8.14	0.0000000	0.00	31.9477	8.13	0.0017033	13.31	0.0000000	0.00	0.1002684	0.55	0.0022938	15.18	0.0000000	0.00	8.33417	0.52	0.0215839	8.24	129.7236	0.32	2.69308	13.31	0.0000000	0.00	0.0318615	2.71
14D26824	5.4 %	✓	0.0072472	17.10	0.0000000	0.00	0.0113331	6.12	0.0000121	101.84	42.5576	6.12	0.0013545	17.10	0.0000000	0.00	0.1116134	0.52	0.0030556	14.21	0.0358550	101.84	9.27715	0.49	0.0287519	6.26	144.2612	0.30	2.14154	17.10	0.0000000	0.00	0.0354666	2.71
14D26825	5.8 %	✓	0.0091322	13.93	0.0000000	0.00	0.0172815	4.10	0.0000123	101.67	64.8950	4.10	0.0017068	13.93	0.0000000	0.00	0.1495541	0.41	0.0046595	13.46	0.0363851	101.67	12.43073	0.37	0.0438430	4.31	195.1409	0.22	2.69857	13.93	0.0000000	0.00	0.0475227	2.69
14D26826	6.2 %	✓	0.0216058	6.08	0.0000000	0.00	0.0204603	3.41	0.0000067	193.97	76.8317	3.40	0.0040381	6.08	0.0000000	0.00	0.1568695	0.38	0.0055165	13.26	0.0199224	193.97	13.03877	0.34	0.0519075	3.65	202.9563	0.22	6.38452	6.08	0.0000000	0.00	0.0498472	2.68
14D26828	6.8 %	✓	0.0084806	14.81	0.0000000	0.00	0.0223593	3.21	0.0000073	177.50	83.9627	3.20	0.0015850	14.81	0.0000000	0.00	0.1546453	0.40	0.0060285	13.21	0.0216405	177.50	12.85391	0.37	0.0567252	3.46	199.9894	0.22	2.50603	14.81	0.0000000	0.00	0.0491405	2.68
14D26829	7.4 %	✓	0.0067015	18.97	0.0000000	0.00	0.0211212	3.39	0.0000000	0.00	79.3136	3.39	0.0012525	18.97	0.0000000	0.00	0.1429290	0.42	0.0056947	13.26	0.0000000	0.00	11.88006	0.39	0.0535843	3.63	183.9868	0.24	1.98029	18.97	0.0000000	0.00	0.0454175	2.69
14D26830	8.3 %	✓	0.0077626	16.18	0.0000000	0.00	0.0250722	2.85	0.0000043	297.70	94.1501	2.85	0.0014508	16.18	0.0000000	0.00	0.1658455	0.36	0.0067600	13.13	0.0126574	297.71	13.78485	0.32	0.0636078	3.14	212.2892	0.20	2.29384	16.18	0.0000000	0.00	0.0526995	2.68
14D26832	9.3 %		0.0081257	15.64	0.0000000	0.00	0.0206213	3.33	0.0000037	347.02	77.4363	3.32	0.0015187	15.64	0.0000000	0.00	0.1502960	0.41	0.0055599	13.24	0.0109668	347.02	12.49239	0.38	0.0523160	3.58	188.6559	0.23	2.40116	15.64	0.0000000	0.00	0.0477584	2.69
14D26833	10.4 %		0.0108275	11.59	0.0000000	0.00	0.0144489	4.72	0.0000019	680.87	54.2581	4.72	0.0020237	11.59	0.0000000	0.00	0.1309072	0.44	0.0038957	13.66	0.0056826	680.87	10.88082	0.41	0.0366568	4.90	157.6640	0.27	3.19953	11.59	0.0000000	0.00	0.0415974	2.69
14D26834	11.7 %		0.0138330	9.07	0.0000000	0.00	0.0102481	6.62	0.0000097	127.64	38.4834	6.61	0.0025854	9.07	0.0000000	0.00	0.1035904	0.53	0.0027631	14.43	0.0286609	127.64	8.61029	0.51	0.0259994	6.74	118.7472	0.36	4.08764	9.07	0.0000000	0.00	0.0329171	2.71
14D26836	13.5 %		0.0170426	7.09	0.0000000	0.00	0.0108971	6.29	0.0000207	61.11	40.9203	6.28	0.0031853	7.09	0.0000000	0.00	0.1028367	0.55	0.0029381	14.28	0.0612340	61.12	8.54765	0.52	0.0276458	6.42	108.4880	0.39	5.03609	7.09	0.0000000	0.00	0.0326776	2.71
14D26837	15.5 %		0.0225602	5.75	0.0000000	0.00	0.0146864	4.85	0.0000181	69.75	55.1499	4.85	0.0042165	5.75	0.0000000	0.00	0.0896225	0.64	0.0039598	13.71	0.0535732	69.75	7.44930	0.62	0.0372593	5.02	86.0548	0.51	6.66655	5.75	0.0000000	0.00	0.0284787	2.73
14D26838	17.6 %		0.0253510	5.32	0.0000000	0.00	0.0205802	3.53	0.0000000	0.00	77.2820	3.53	0.0047381	5.32	0.0000000	0.00	0.0697700	0.78	0.0055489	13.30	0.0000000	0.00	5.79919	0.77	0.0522117	3.77	61.6923	0.74	7.49123	5.32	0.0000000	0.00	0.0221703	2.77
14D26840	19.8 %		0.0274429	4.76	0.0000000	0.00	0.0263906	2.69	0.0000000	0.00	99.1011	2.68	0.0051291	4.76	0.0000000	0.00	0.0507161	1.04	0.0071155	13.10	0.0000000	0.00	4.21546	1.03	0.0669527	2.99	40.8424	1.09	8.10939	4.76	0.0000000	0.00	0.0161157	2.85
14D26841	22.1 %		0.0340856	4.12	0.0000000	0.00	0.0314238	2.30	0.0000000	0.00	118.0017	2.30	0.0063706	4.12	0.0000000	0.00	0.0346933	1.56	0.0084725	13.02	0.0000000	0.00	2.88366	1.55	0.0797219	2.65	26.1240	1.80	10.07230	4.12	0.0000000	0.00	0.0110242	3.08
14D26842	24.5 %		0.0405328	3.41	0.0000000	0.00	0.0328674	2.14	0.0000000	0.00	123.4224	2.14	0.0075756	3.41	0.0000000	0.00	0.0208643	2.59	0.0088617	13.00	0.0000000	0.00	1.73421	2.59	0.0833842	2.51	15.8751	2.92	11.97745	3.41	0.0000000	0.00	0.0066299	3.71
Σ			0.9467831	0.82	0.0000000	0.00	0.3580298	1.16	0.0001715	32.52	1344.4604	1.16	0.1769538	0.82	0.0000000	0.00	2.6445388	0.13	0.0965323	3.20	0.5086659	32.52	219.81039	0.12	0.9083175	1.20	3289.0321	0.08	279.77441	0.82	0.0000000	0.00	0.8403351	0.54
Σ									1.3049844	0.68	1344.4604	1.16									3.4266907	4.83			220.71871	0.12							3569.6468	0.10

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
14D26795	1.8 %		40.043822	0.569435	2.057458	0.768962	0.070341	0.001132	207.278	60.137425	1.00146451	6.177E-12
14D26797	1.9 %		28.976634	0.381574	1.676249	0.783406	0.038634	0.000648	207.301	60.164653	1.00146467	4.624E-12
14D26798	2.0 %		25.143921	0.621367	1.152050	1.431901	0.027128	0.000904	207.313	60.178684	1.00146476	2.195E-12
14D26800	2.1 %		22.195323	0.369231	1.412427	0.884872	0.018805	0.000511	207.335	60.205104	1.00146491	3.075E-12
14D26801	2.2 %		20.473893	0.331686	1.319437	0.909776	0.013820	0.000467	207.347	60.219145	1.00146500	2.725E-12
14D26802	2.3 %	✓	19.144026	0.353991	1.458328	1.032489	0.011228	0.000498	207.358	60.232362	1.00146507	2.201E-12
14D26804	2.4 %	✓	18.467566	0.274494	1.454319	0.824197	0.008819	0.000394	207.381	60.259632	1.00146524	2.708E-12
14D26805	2.5 %	✓	17.887992	0.394842	2.366325	1.189691	0.008056	0.000515	207.393	60.273686	1.00146532	1.812E-12
14D26806	2.6 %	✓	17.629356	0.325490	1.864041	1.089006	0.005917	0.000436	207.404	60.286915	1.00146540	2.067E-12
14D26808	2.7 %	✓	17.236849	0.257134	2.545604	0.775455	0.005148	0.000332	207.427	60.314210	1.00146556	2.579E-12
14D26809	2.8 %	✓	16.844315	0.206214	2.332869	0.710835	0.004414	0.000296	207.438	60.327449	1.00146564	2.984E-12
14D26810	2.9 %	✓	17.043461	0.349362	3.312894	1.158397	0.004309	0.000451	207.450	60.341518	1.00146572	1.824E-12
14D26812	3.0 %	✓	16.666511	0.315569	1.423359	1.044118	0.003708	0.000416	207.473	60.368837	1.00146588	1.966E-12
14D26813	3.2 %	✓	16.343155	0.165656	1.777782	0.576239	0.002951	0.000228	207.484	60.382088	1.00146596	3.548E-12
14D26814	3.4 %	✓	16.230980	0.201408	2.586155	0.681237	0.003020	0.000278	207.495	60.395341	1.00146604	2.896E-12
14D26816	3.6 %	✓	16.184103	0.188358	2.360050	0.661173	0.002942	0.000263	207.518	60.422685	1.00146620	3.096E-12
14D26817	3.9 %	✓	16.085764	0.103730	2.749991	0.362794	0.002134	0.000140	207.530	60.436776	1.00146629	5.594E-12
14D26818	4.2 %	✓	16.013827	0.120054	3.361428	0.444109	0.001964	0.000169	207.541	60.450042	1.00146637	4.635E-12
14D26820	4.5 %	✓	16.178476	0.106998	3.344478	0.358147	0.002275	0.000143	207.564	60.477411	1.00146653	5.616E-12
14D26821	4.8 %	✓	15.845025	0.101339	3.795671	0.352084	0.001860	0.000144	207.575	60.490685	1.00146661	5.686E-12
14D26822	5.1 %	✓	15.851178	0.086968	3.823435	0.311672	0.002109	0.000120	207.587	60.504792	1.00146669	6.358E-12
14D26824	5.4 %	✓	15.736047	0.081065	4.573183	0.280787	0.001998	0.000111	207.610	60.532186	1.00146685	7.029E-12
14D26825	5.8 %	✓	15.863232	0.061555	5.202181	0.214157	0.002118	0.000085	207.621	60.545472	1.00146693	9.499E-12
14D26826	6.2 %	✓	15.995401	0.056619	5.869187	0.200743	0.003214	0.000086	207.632	60.558761	1.00146701	1.005E-11
14D26828	6.8 %	✓	15.688206	0.059515	6.503374	0.209602	0.002389	0.000080	207.655	60.586179	1.00146717	9.722E-12
14D26829	7.4 %	✓	15.587235	0.063391	6.646220	0.226543	0.002331	0.000089	207.667	60.600309	1.00146725	8.929E-12
14D26830	8.3 %	✓	15.498893	0.052154	6.798600	0.194753	0.002371	0.000075	207.678	60.613610	1.00146733	1.030E-11
14D26832	9.3 %		15.233897	0.060342	6.172827	0.206417	0.002292	0.000086	207.701	60.641053	1.00146749	9.173E-12
14D26833	10.4 %		14.738299	0.063684	4.969836	0.235481	0.002315	0.000097	207.712	60.654363	1.00146757	7.723E-12
14D26834	11.7 %		14.226923	0.076386	4.456013	0.295567	0.002789	0.000123	207.724	60.668508	1.00146766	5.898E-12
14D26836	13.5 %		13.242327	0.073489	4.771888	0.300890	0.003261	0.000117	207.747	60.695976	1.00146782	5.451E-12
14D26837	15.5 %		12.388843	0.081825	7.366530	0.359883	0.004978	0.000148	207.758	60.709298	1.00146790	4.452E-12
14D26838	17.6 %		11.827203	0.097382	13.207445	0.476543	0.007850	0.000203	207.769	60.723456	1.00146798	3.322E-12
14D26840	19.8 %		11.434655	0.126370	23.141437	0.662996	0.012571	0.000286	207.792	60.750116	1.00146814	2.350E-12
14D26841	22.1 %		12.218260	0.198226	39.819986	1.093988	0.022106	0.000525	207.803	60.764283	1.00146822	1.738E-12
14D26842	24.5 %		15.327542	0.396874	67.904335	2.216031	0.040383	0.001191	207.815	60.777620	1.00146830	1.337E-12

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
14D26795	1.8 %	0.0487922 ± 0.0007905	0.0335166 ± 0.0290623	0.2847171 ± 0.0262050	0.0285568 ± 0.0359947	15.122262 ± 0.218856
14D26797	1.9 %	0.0464356 ± 0.0007905	0.0324497 ± 0.0290623	0.2829215 ± 0.0262050	0.0340357 ± 0.0359947	14.369288 ± 0.218856
14D26798	2.0 %	0.0453537 ± 0.0007905	0.0318177 ± 0.0290623	0.2826167 ± 0.0262050	0.0350279 ± 0.0359947	14.018479 ± 0.218856
14D26800	2.1 %	0.0435368 ± 0.0007905	0.0305125 ± 0.0290623	0.2829743 ± 0.0262050	0.0341419 ± 0.0359947	13.421462 ± 0.218856
14D26801	2.2 %	0.0426786 ± 0.0007905	0.0297725 ± 0.0290623	0.2835739 ± 0.0262050	0.0324569 ± 0.0359947	13.135845 ± 0.218856
14D26802	2.3 %	0.0419329 ± 0.0007905	0.0290550 ± 0.0290623	0.2843478 ± 0.0262050	0.0302474 ± 0.0359947	12.885756 ± 0.218856
14D26804	2.4 %	0.0405677 ± 0.0007905	0.0275361 ± 0.0290623	0.2864416 ± 0.0262050	0.0242005 ± 0.0359947	12.423500 ± 0.218856
14D26805	2.5 %	0.0399469 ± 0.0007905	0.0267454 ± 0.0290623	0.2877109 ± 0.0262050	0.0205081 ± 0.0359947	12.211589 ± 0.218856
14D26806	2.6 %	0.0394088 ± 0.0007905	0.0260033 ± 0.0290623	0.2889832 ± 0.0262050	0.0167929 ± 0.0359947	12.027271 ± 0.218856
14D26808	2.7 %	0.0384266 ± 0.0007905	0.0244988 ± 0.0290623	0.2917315 ± 0.0262050	0.0087239 ± 0.0359947	11.690048 ± 0.218856
14D26809	2.8 %	0.0380059 ± 0.0007905	0.0237909 ± 0.0290623	0.2930745 ± 0.0262050	0.0047581 ± 0.0359947	11.545797 ± 0.218856
14D26810	2.9 %	0.0375943 ± 0.0007905	0.0230601 ± 0.0290623	0.2944762 ± 0.0262050	0.0006004 ± 0.0359947	11.405213 ± 0.218856
14D26812	3.0 %	0.0368881 ± 0.0007905	0.0217192 ± 0.0290623	0.2970380 ± 0.0262050	0.0070629 ± 0.0359947	11.166550 ± 0.218856
14D26813	3.2 %	0.0365846 ± 0.0007905	0.0211125 ± 0.0290623	0.2981688 ± 0.0262050	0.0104833 ± 0.0359947	11.065707 ± 0.218856
14D26814	3.4 %	0.0363037 ± 0.0007905	0.0205381 ± 0.0290623	0.2992070 ± 0.0262050	0.0136546 ± 0.0359947	10.973717 ± 0.218856
14D26816	3.6 %	0.0357869 ± 0.0007905	0.0194645 ± 0.0290623	0.3010041 ± 0.0262050	0.0192638 ± 0.0359947	10.809382 ± 0.218856
14D26817	3.9 %	0.0355497 ± 0.0007905	0.0189745 ± 0.0290623	0.3017263 ± 0.0262050	0.0216012 ± 0.0359947	10.736769 ± 0.218856
14D26818	4.2 %	0.0353422 ± 0.0007905	0.0185546 ± 0.0290623	0.3022686 ± 0.0262050	0.0234287 ± 0.0359947	10.675139 ± 0.218856
14D26820	4.5 %	0.0349571 ± 0.0007905	0.0178204 ± 0.0290623	0.3029442 ± 0.0262050	0.0260012 ± 0.0359947	10.566371 ± 0.218856
14D26821	4.8 %	0.0347889 ± 0.0007905	0.0175300 ± 0.0290623	0.3030511 ± 0.0262050	0.0266552 ± 0.0359947	10.521535 ± 0.218856
14D26822	5.1 %	0.0346220 ± 0.0007905	0.0172690 ± 0.0290623	0.3030058 ± 0.0262050	0.0269257 ± 0.0359947	10.478868 ± 0.218856
14D26824	5.4 %	0.0343301 ± 0.0007905	0.0169022 ± 0.0290623	0.3024590 ± 0.0262050	0.0262387 ± 0.0359947	10.408819 ± 0.218856
14D26825	5.8 %	0.0342030 ± 0.0007905	0.0167901 ± 0.0290623	0.3019847 ± 0.0262050	0.0253604 ± 0.0359947	10.380108 ± 0.218856
14D26826	6.2 %	0.0340848 ± 0.0007905	0.0167199 ± 0.0290623	0.3013824 ± 0.0262050	0.0241547 ± 0.0359947	10.354339 ± 0.218856
14D26828	6.8 %	0.0338697 ± 0.0007905	0.0167029 ± 0.0290623	0.2997742 ± 0.0262050	0.0207577 ± 0.0359947	10.309090 ± 0.218856
14D26829	7.4 %	0.0337743 ± 0.0007905	0.0167578 ± 0.0290623	0.2987789 ± 0.0262050	0.0186104 ± 0.0359947	10.289253 ± 0.218856
14D26830	8.3 %	0.0336948 ± 0.0007905	0.0168464 ± 0.0290623	0.2977575 ± 0.0262050	0.0164021 ± 0.0359947	10.272360 ± 0.218856
14D26832	9.3 %	0.0335649 ± 0.0007905	0.0171322 ± 0.0290623	0.2954612 ± 0.0262050	0.0114908 ± 0.0359947	10.241938 ± 0.218856
14D26833	10.4 %	0.0335202 ± 0.0007905	0.0173152 ± 0.0290623	0.2942935 ± 0.0262050	0.0090538 ± 0.0359947	10.228906 ± 0.218856
14D26834	11.7 %	0.0334875 ± 0.0007905	0.0175370 ± 0.0290623	0.2930449 ± 0.0262050	0.0065194 ± 0.0359947	10.216021 ± 0.218856
14D26836	13.5 %	0.0334730 ± 0.0007905	0.0180326 ± 0.0290623	0.2906995 ± 0.0262050	0.0020756 ± 0.0359947	10.193203 ± 0.218856
14D26837	15.5 %	0.0334925 ± 0.0007905	0.0182958 ± 0.0290623	0.2896529 ± 0.0262050	0.0003101 ± 0.0359947	10.182942 ± 0.218856
14D26838	17.6 %	0.0335348 ± 0.0007905	0.0185855 ± 0.0290623	0.2886469 ± 0.0262050	0.0011606 ± 0.0359947	10.172486 ± 0.218856
14D26840	19.8 %	0.0336829 ± 0.0007905	0.0191401 ± 0.0290623	0.2871748 ± 0.0262050	0.0024158 ± 0.0359947	10.153834 ± 0.218856
14D26841	22.1 %	0.0338028 ± 0.0007905	0.0194284 ± 0.0290623	0.2866889 ± 0.0262050	0.0020586 ± 0.0359947	10.144423 ± 0.218856
14D26842	24.5 %	0.0339451 ± 0.0007905	0.0196885 ± 0.0290623	0.2864674 ± 0.0262050	0.0009268 ± 0.0359947	10.135888 ± 0.218856

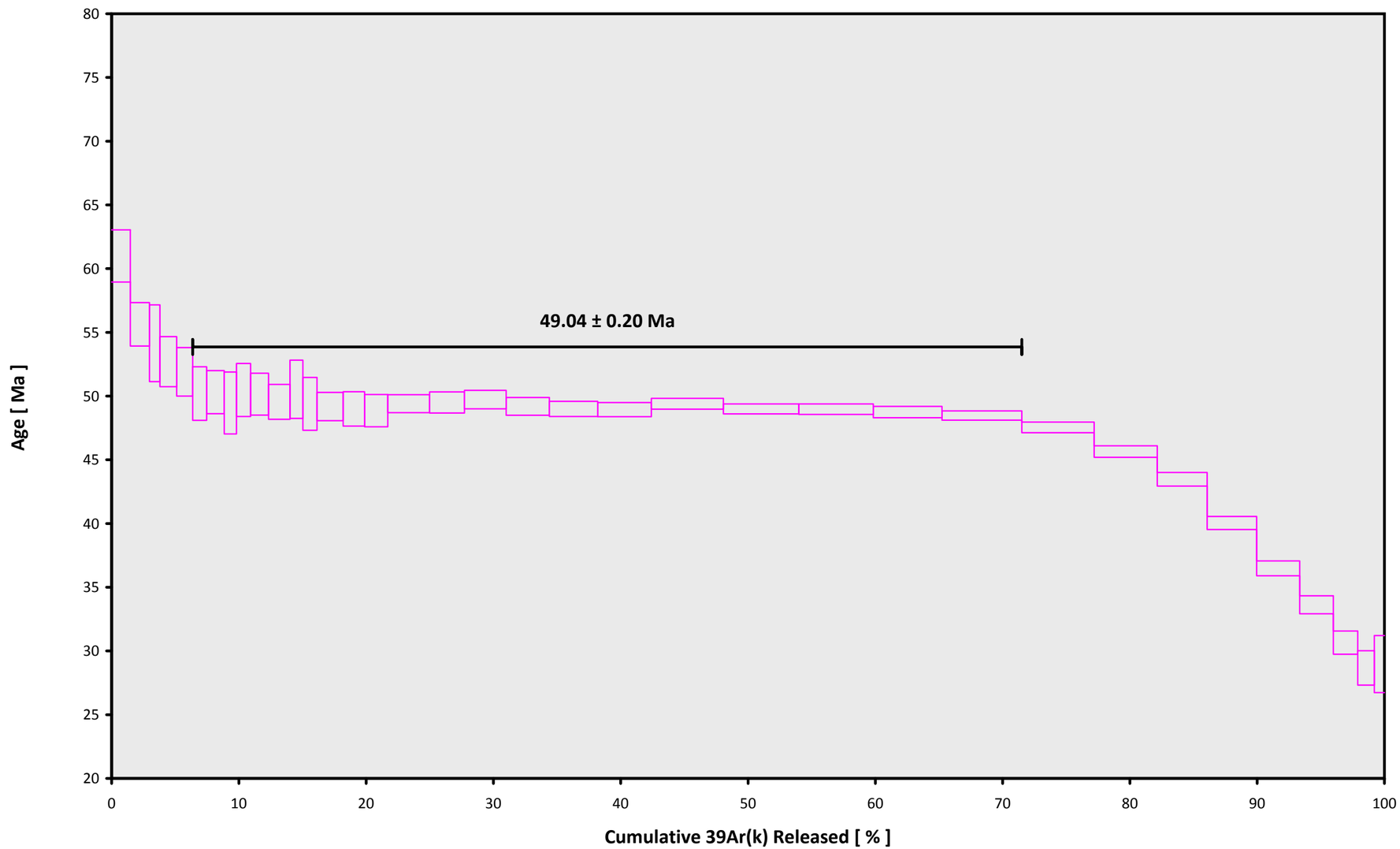
Intercept Values		36Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	37Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	38Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	39Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	40Ar ± 1σ (SE) [fA]	r2	Regression (type,n)
14D26795	1.8 %	0.2648220 ± 0.0013446	0.1966	EXP 150 of 150	0.0741451 ± 0.0277797	0.0012	EXP 150 of 150	0.2147955 ± 0.0279620	0.0016	EXP 150 of 150	3.2153718 ± 0.0268955	0.2972	EXP 150 of 150	144.145464 ± 0.039177	0.9415	EXP 150 of 150
14D26797	1.9 %	0.1691722 ± 0.0009814	0.0607	EXP 150 of 150	0.0582418 ± 0.0308252	0.0027	EXP 150 of 150	0.2832555 ± 0.0266576	0.0188	EXP 149 of 150	3.3305211 ± 0.0229481	0.3599	EXP 150 of 150	110.946490 ± 0.035589	0.6053	EXP 150 of 150
14D26798	2.0 %	0.0925095 ± 0.0007226	0.1187	EXP 150 of 150	0.0022787 ± 0.0308322	0.0065	EXP 150 of 150	0.2702382 ± 0.0293990	0.0158	EXP 149 of 150	1.8387159 ± 0.0247802	0.0963	EXP 150 of 150	59.871712 ± 0.031648	0.9749	EXP 150 of 150
14D26800	2.1 %	0.0954016 ± 0.0007924	0.0774	EXP 150 of 150	0.0357851 ± 0.0296512	0.0000	EXP 150 of 150	0.2656114 ± 0.0271152	0.0071	EXP 150 of 150	2.8959957 ± 0.0294942	0.1856	EXP 150 of 150	77.643569 ± 0.033835	0.8805	EXP 150 of 150
14D26801	2.2 %	0.0793025 ± 0.0007519	0.1560	EXP 150 of 150	0.0297233 ± 0.0289360	0.0057	EXP 150 of 150	0.2409391 ± 0.0253246	0.0037	EXP 150 of 150	2.7823379 ± 0.0239054	0.2564	EXP 150 of 150	70.059133 ± 0.032080	0.9322	EXP 150 of 150
14D26802	2.3 %	0.0676360 ± 0.0006760	0.2449	EXP 150 of 150	0.0277365 ± 0.0277655	0.0055	EXP 150 of 150	0.2196792 ± 0.0250731	0.0191	EXP 150 of 150	2.4056627 ± 0.0223573	0.2960	EXP 150 of 150	58.863590 ± 0.035957	0.9593	EXP 150 of 150
14D26804	2.4 %	0.0663147 ± 0.0007444	0.2198	EXP 150 of 150	0.0446616 ± 0.0287791	0.0111	EXP 150 of 150	0.2334890 ± 0.0268177	0.0021	EXP 149 of 150	3.0537048 ± 0.0242470	0.3671	EXP 150 of 150	68.989697 ± 0.030250	0.9289	EXP 150 of 150
14D26805	2.5 %	0.0561901 ± 0.0005779	0.3462	EXP 150 of 150	0.0543673 ± 0.0285512	0.0042	EXP 150 of 150	0.2489143 ± 0.0275608	0.0002	EXP 150 of 150	2.1128092 ± 0.0261778	0.2205	EXP 149 of 150	50.052496 ± 0.034451	0.9717	EXP 150 of 150
14D26806	2.6 %	0.0532219 ± 0.0005909	0.4372	EXP 150 of 150	0.0479530 ± 0.0319415	0.0003	EXP 150 of 150	0.2755300 ± 0.0269708	0.0040	EXP 150 of 150	2.4390723 ± 0.0234149	0.2515	EXP 150 of 150	55.202684 ± 0.030025	0.9705	EXP 150 of 150
14D26808	2.7 %	0.0537608 ± 0.0005491	0.4326	EXP 150 of 150	0.1043119 ± 0.0262874	0.0124	EXP 150 of 150	0.2793346 ± 0.0271292	0.0154	EXP 150 of 150	3.0994618 ± 0.0257858	0.3231	EXP 150 of 150	65.553720 ± 0.031807	0.9285	EXP 150 of 150
14D26809	2.8 %	0.0535743 ± 0.0006568	0.2906	EXP 150 of 150	0.1159690 ± 0.0310720	0.0022	EXP 150 of 150	0.2496087 ± 0.0288227	0.0006	EXP 150 of 150	3.6648224 ± 0.0231871	0.4472	EXP 150 of 150	73.878793 ± 0.031233	0.8587	EXP 150 of 150
14D26810	2.9 %	0.0467754 ± 0.0005169	0.4134	EXP 150 of 150	0.0968020 ± 0.0300971	0.0286	EXP 150 of 150	0.2358274 ± 0.0270418	0.0116	EXP 150 of 150	2.2115140 ± 0.0243223	0.1231	EXP 149 of 150	49.503506 ± 0.030954	0.9742	EXP 150 of 150
14D26812	3.0 %	0.0455953 ± 0.0005514	0.4332	EXP 150 of 150	0.0350113 ± 0.0297661	0.0031	EXP 149 of 150	0.2698129 ± 0.0262208	0.0048	EXP 150 of 150	2.4296026 ± 0.0256519	0.1740	EXP 150 of 150	52.226333 ± 0.032004	0.9656	EXP 149 of 150
14D26813	3.2 %	0.0493388 ± 0.0005763	0.4479	EXP 150 of 150	0.1092681 ± 0.0306448	0.0108	EXP 150 of 150	0.2643126 ± 0.0245952	0.0154	EXP 150 of 150	4.4741177 ± 0.0241177	0.6210	EXP 150 of 150	85.168706 ± 0.035553	0.1396	EXP 150 of 150
14D26814	3.4 %	0.0470338 ± 0.0005750	0.4631	EXP 150 of 150	0.1353414 ± 0.0289320	0.0187	EXP 150 of 150	0.2312744 ± 0.0297686	0.0095	EXP 150 of 150	3.6728851 ± 0.0246773	0.5357	EXP 150 of 150	71.471543 ± 0.033485	0.8372	EXP 150 of 150
14D26816	3.6 %	0.0469912 ± 0.0006030	0.4212	EXP 150 of 150	0.1329686 ± 0.0312295	0.0001	EXP 150 of 150	0.2738687 ± 0.0288142	0.0012	EXP 150 of 150	3.9329379 ± 0.0251068	0.4609	EXP 149 of 150	75.479539 ± 0.032535	0.7166	EXP 150 of 150
14D26817	3.9 %	0.0503284 ± 0.0005520	0.4792	EXP 150 of 150	0.3038425 ± 0.0310020	0.0082	EXP 150 of 150	0.1808080 ± 0.0282664	0.0124	EXP 150 of 150	7.1630797 ± 0.0253481	0.7465	EXP 150 of 150	127.585877 ± 0.033856	0.9722	EXP 150 of 150
14D26818	4.2 %	0.0466581 ± 0.0005647	0.4492	EXP 150 of 150	0.3097470 ± 0.0320488	0.0077	EXP 150 of 150	0.1783359 ± 0.0279333	0.0131	EXP 150 of 150	5.9555482 ± 0.0225976	0.7560	EXP 150 of 150	107.480244 ± 0.033474	0.9066	EXP 149 of 150
14D26820	4.5 %	0.0506787 ± 0.0005816	0.4394	EXP 150 of 150	0.3737820 ± 0.0300312	0.0072	EXP 150 of 150	0.1846326 ± 0.0264381	0.0023	EXP 150 of 150	7.1451887 ± 0.0273319	0.7213	EXP 149 of 150	127.868298 ± 0.035798	0.9718	EXP 150 of 150
14D26821	4.8 %	0.0480755 ± 0.0006485	0.4015	EXP 150 of 150	0.4418234 ± 0.0309016	0.0036	EXP 150 of 150	0.2186654 ± 0.0238911	0.0104	EXP 149 of 150	7.3869197 ± 0.0271325	0.7266	EXP 150 of 150	129.288861 ± 0.036703	0.9713	EXP 150 of 150
14D26822	5.1 %	0.0514615 ± 0.0005291	0.4663	EXP 150 of 150	0.4997513 ± 0.0302328	0.0011	EXP 150 of 150	0.2093383 ± 0.0272363	0.0037	EXP 150 of 150	8.2586848 ± 0.0234145	0.8325	EXP 150 of 150	143.267974 ± 0.038145	0.9814	EXP 150 of 150
14D26824	5.4 %	0.0520976 ± 0.0005794	0.4574	EXP 150 of 150	0.6715107 ± 0.0302023	0.0163	EXP 150 of 150	0.1526923 ± 0.0246769	0.0138	EXP 149 of 150	9.2015481 ± 0.0270270	0.8252	EXP 150 of 150	157.223555 ± 0.040878	0.9869	EXP 150 of 150
14D26825	5.8 %	0.0594565 ± 0.0006237	0.3787	EXP 150 of 150	1.0327220 ± 0.0310544	0.0386	EXP 150 of 150	0.1123532 ± 0.0253522	0.0418	EXP 150 of 150	12.3444877 ± 0.0273549	0.8932	EXP 150 of 150	208.775939 ± 0.038476	0.9959	EXP 150 of 150
14D26826	6.2 %	0.0742909 ± 0.0007038	0.2424	EXP 150 of 150	1.2255652 ± 0.0297265	0.0617	EXP 150 of 150	0.1176270 ± 0.0276437	0.0189	EXP 150 of 150	12.9566329 ± 0.0234516	0.9293	EXP 150 of 150	220.283469 ± 0.044299	0.9954	EXP 150 of 150
14D26828	6.8 %	0.0633482 ± 0.0005831	0.4173	EXP 149 of 150	1.3402685 ± 0.0311900	0.0554	EXP 150 of 150	0.1184318 ± 0.0273268	0.0069	EXP 150 of 150	12.7814882 ± 0.0281650	0.8942	EXP 149 of 150	213.374539 ± 0.040483	0.9958	EXP 150 of 150
14D26829	7.4 %	0.0603626 ± 0.0006146	0.4434	EXP 150 of 150	1.2647790 ± 0.0312311	0.0207	EXP 150 of 150	0.1741230 ± 0.0285522	0.0022	EXP 150 of 150	11.8148513 ± 0.0275270	0.8799	EXP 150 of 150	196.780097 ± 0.043141	0.9935	EXP 150 of 150
14D26830	8.3 %	0.0650768 ± 0.0005847	0.3671	EXP 150 of 150	1.5040820 ± 0.0306698	0.0911	EXP 150 of 150	0.1136400 ± 0.0263169	0.0017	EXP 150 of 150	13.7157934 ± 0.0235598	0.9329	EXP 150 of 150	225.460007 ± 0.036945	0.9970	EXP 150 of 150
14D26832	9.3 %	0.0610400 ± 0.0006437	0.4371	EXP 149 of 150	1.2332305 ± 0.0286508	0.0586	EXP 150 of 150	0.1294605 ± 0.0268413	0.0001	EXP 150 of 150	12.4279003 ± 0.0292236	0.8787	EXP 150 of 150	201.838134 ± 0.041929	0.9945	EXP 150 of 150
14D26833	10.4 %	0.0576770 ± 0.0006198	0.3955	EXP 150 of 150	0.8585969 ± 0.0289029	0.0108	EXP 150 of 150	0.1537659 ± 0.0277141	0.0000	EXP 150 of 150	10.8167710 ± 0.0248378	0.8791	EXP 150 of 150	171.547767 ± 0.041587	0.9894	EXP 150 of 150
14D26834	11.7 %	0.0565093 ± 0.0006239	0.4252	EXP 150 of 150	0.6035725 ± 0.0287735	0.0138	EXP 150 of 150	0.1573585 ± 0.0247763	0.0047	EXP 150 of 150	8.5572610 ± 0.0233906	0.8123	EXP 150 of 150	133.399740 ± 0.038732	0.9682	EXP 150 of 150
14D26836	13.5 %	0.0601928 ± 0.0005238	0.4026	EXP 150 of 150	0.6421093 ± 0.0293161	0.0151	EXP 150 of 150	0.1228720 ± 0.0259601	0.0084	EXP 150 of 150	8.5012207 ± 0.0249912	0.8178	EXP 150 of 150	124.042011 ± 0.036121	0.9618	EXP 150 of 150
14D26837	15.5 %	0.0691039 ± 0.0006630	0.2382	EXP 150 of 150	0.8712083 ± 0.0313561	0.0206	EXP 148 of 150	0.1403857 ± 0.0258822	0.0203	EXP 150 of 150	7.4233921 ± 0.0277714	0.7307	EXP 150 of 150	103.171221 ± 0.034071	0.8334	EXP 149 of 150
14D26838	17.6 %	0.0774282 ± 0.0007332	0.0708	EXP 149 of 150	1.2275928 ± 0.0320571	0.1004	EXP 150 of 150	0.2186881 ± 0.0268508	0.0028	EXP 150 of 150	5.8034336 ± 0.0250992	0.6459	EXP 150 of 150	79.556139 ± 0.031296	0.5114	EXP 150 of 150
14D26840	19.8 %	0.0851280 ± 0.0006764	0.1416	EXP 150 of 150	1.5781706 ± 0.0298516	0.0768	EXP 150 of 150	0.2642269 ± 0.0271915	0.0071	EXP 150 of 150	4.2488695 ± 0.0230998	0.5549	EXP 150 of 150	59.247613 ± 0.030085	0.9372	EXP 150 of 150
14D26841	22.1 %	0.0964057 ± 0.0008161	0.0104	EXP 150 of 150	1.8820781 ± 0.0304480	0.1363	EXP 150 of 150	0.2417221 ± 0.0280423	0.0007	EXP 150 of 150	2.9405559 ± 0.0255629	0.3588	EXP 150 of 150	46.444849 ± 0.030158	0.9717	EXP 150 of 150
14D26842	24.5 %	0.1040887 ± 0.0007906	0.0027	EXP 150 of 150	1.9687333 ± 0.0284673	0.0657	EXP 149 of 150	0.2999586 ± 0.0291404	0.0046	EXP 148 of 150	1.8032591 ± 0.0260260	0.1165	EXP 150 of 150	38.066758 ± 0.030961	0.9812	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
14D26795	1.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26797	1.9 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26798	2.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26800	2.1 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26801	2.2 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26802	2.3 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26804	2.4 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26805	2.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26806	2.6 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26808	2.7 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26809	2.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26810	2.9 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26812	3.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26813	3.2 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26814	3.4 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26816	3.6 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26817	3.9 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26818	4.2 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26820	4.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26821	4.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26822	5.1 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26824	5.4 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26825	5.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26826	6.2 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26828	6.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26829	7.4 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26830	8.3 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26832	9.3 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26833	10.4 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26834	11.7 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26836	13.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26837	15.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26838	17.6 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26840	19.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26841	22.1 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	01
14D26842	24.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	45.30	French Polynesia\Rurutu (13-INT-08)	14D26794	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
14D26795	1.8 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	7	OCT	2014	21	50	1
14D26797	1.9 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	7	OCT	2014	22	23	1
14D26798	2.0 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	7	OCT	2014	22	40	1
14D26800	2.1 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	7	OCT	2014	23	12	1
14D26801	2.2 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	7	OCT	2014	23	29	1
14D26802	2.3 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	7	OCT	2014	23	45	1
14D26804	2.4 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	0	18	1
14D26805	2.5 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	0	35	1
14D26806	2.6 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	0	51	1
14D26808	2.7 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	1	24	1
14D26809	2.8 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	1	40	1
14D26810	2.9 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	1	57	1
14D26812	3.0 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	2	30	1
14D26813	3.2 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	2	46	1
14D26814	3.4 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	3	2	1
14D26816	3.6 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	3	35	1
14D26817	3.9 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	3	52	1
14D26818	4.2 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	4	8	1
14D26820	4.5 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	4	41	1
14D26821	4.8 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	4	57	1
14D26822	5.1 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	5	14	1
14D26824	5.4 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	5	47	1
14D26825	5.8 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	6	3	1
14D26826	6.2 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	6	19	1
14D26828	6.8 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	6	52	1
14D26829	7.4 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	7	9	1
14D26830	8.3 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	7	25	1
14D26832	9.3 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	7	58	1
14D26833	10.4 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	8	14	1
14D26834	11.7 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	8	31	1
14D26836	13.5 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	9	4	1
14D26837	15.5 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	9	20	1
14D26838	17.6 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	9	37	1
14D26840	19.8 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	10	9	1
14D26841	22.1 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	10	26	1
14D26842	24.5 %	RR1310-D15-02	Groundmass	Rurutu Hotspot	FCT-NM (2A38-14)	28.201	0.082	Kuiper et al (2008)	8.90865	0.094	0.00176428	0.094	303.943	0.135	0.99304647	0.067	1	4.8E-14	8	OCT	2014	10	42	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
14D26795	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
14D26797	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
14D26798	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
14D26800	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
14D26801	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
14D26802	**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**
14D26804	**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**
14D26805	**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**
14D26806	**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**
14D26808	**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**
14D26809	**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**
14D26810	**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**
14D26812	**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**
14D26813	**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**
14D26814	**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**
14D26816	**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**
14D26817	**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**
14D26818	**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**
14D26820	**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**
14D26821	**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**
14D26822	**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**
14D26824	**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**
14D26825	**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**
14D26826	**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**
14D26828	**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**
14D26829	**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**
14D26830	**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**
14D26832	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
14D26833	10.4 %	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
14D26834	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
14D26836	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
14D26837	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
14D26838	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
14D26840	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
14D26841	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
14D26842	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

14D26794.AGE >>> RR1310-D15-02 >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
49.04 ± 0.20
TOTAL FUSION
47.12 ± 0.16
NORMAL ISOCHRON
48.73 ± 0.23
INVERSE ISOCHRON
48.81 ± 0.23

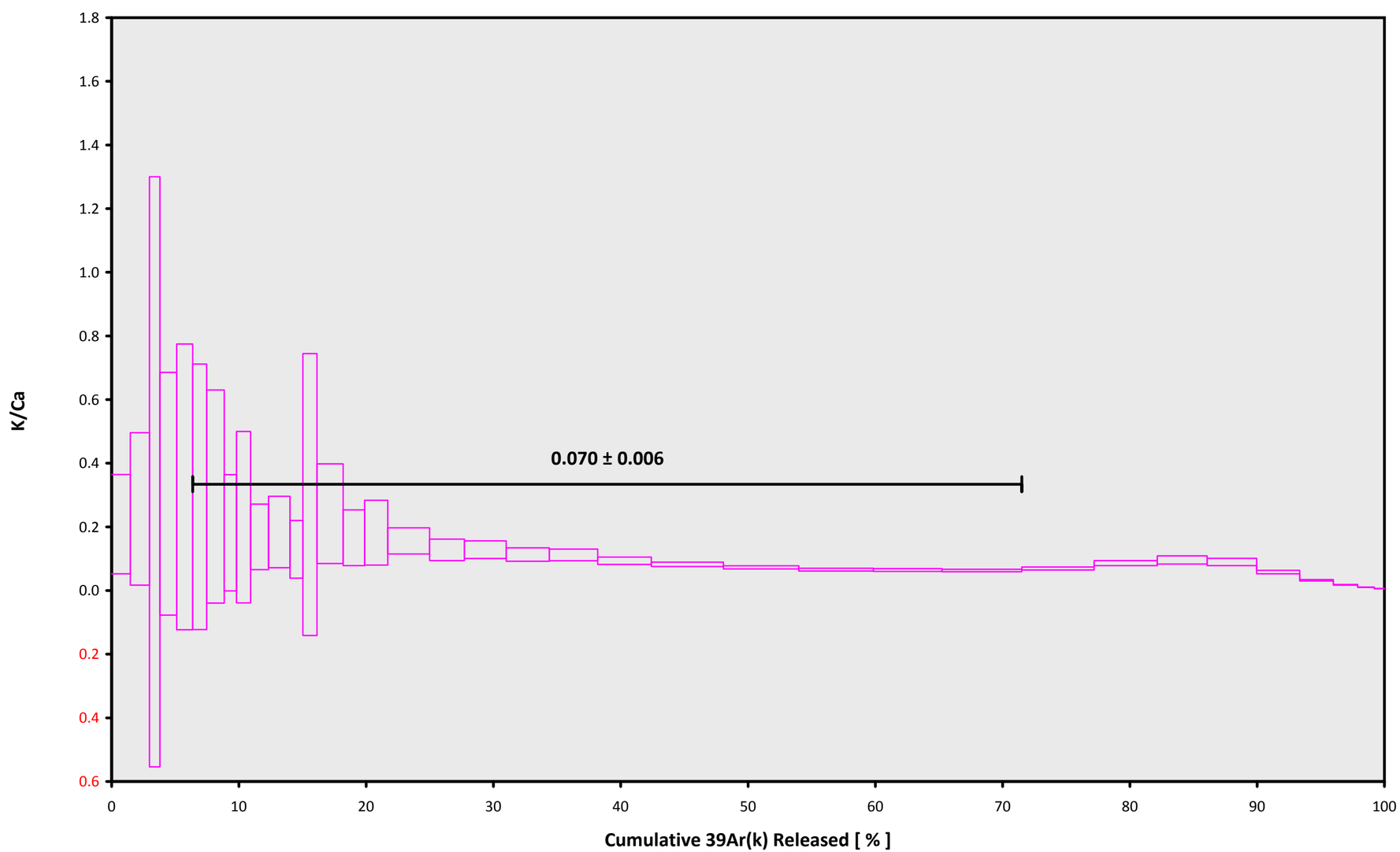
MSWD (PROBABILITY)
1.45 (8%)

Sample Info

Groundmass
Rurutu Hotspot
Kevin Konrad

IRR = 14-OSU-02 (2A38-14)
J = 0.00176428 ± 0.00000166

14D26794.AGE >>> RR1310-D15-02 >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

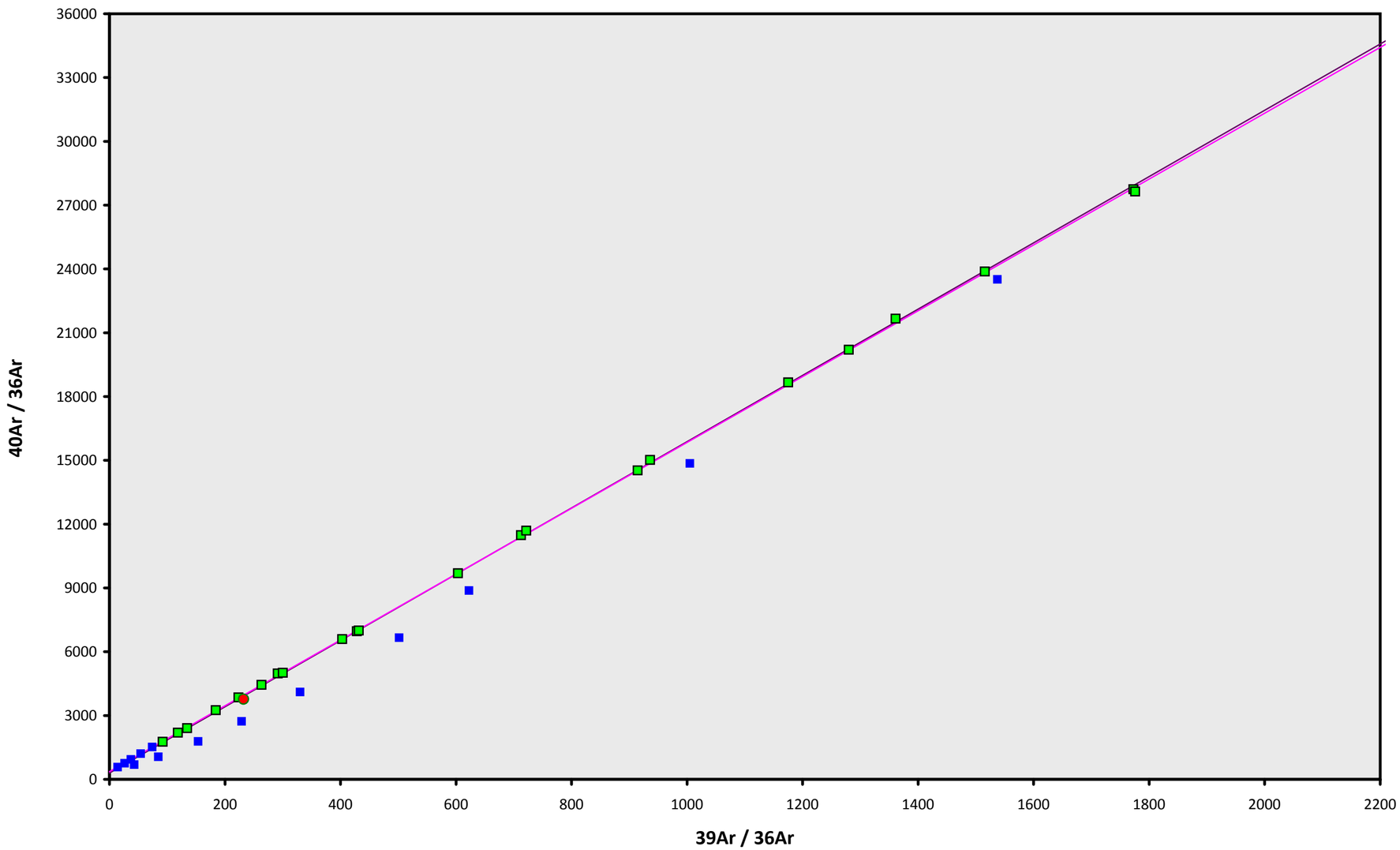
WEIGHTED PLATEAU
49.04 ± 0.20
TOTAL FUSION
47.12 ± 0.16
NORMAL ISOCHRON
48.73 ± 0.23
INVERSE ISOCHRON
48.81 ± 0.23

Sample Info

Groundmass
Rurutu Hotspot
Kevin Konrad

IRR = 14-OSU-02 (2A38-14)
J = 0.00176428 ± 0.00000166

14D26794.AGE >>> RR1310-D15-02 >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
49.04 ± 0.20
TOTAL FUSION
47.12 ± 0.16
NORMAL ISOCHRON
48.73 ± 0.23
INVERSE ISOCHRON
48.81 ± 0.23

MSWD (PROBABILITY)
0.88 (62%)

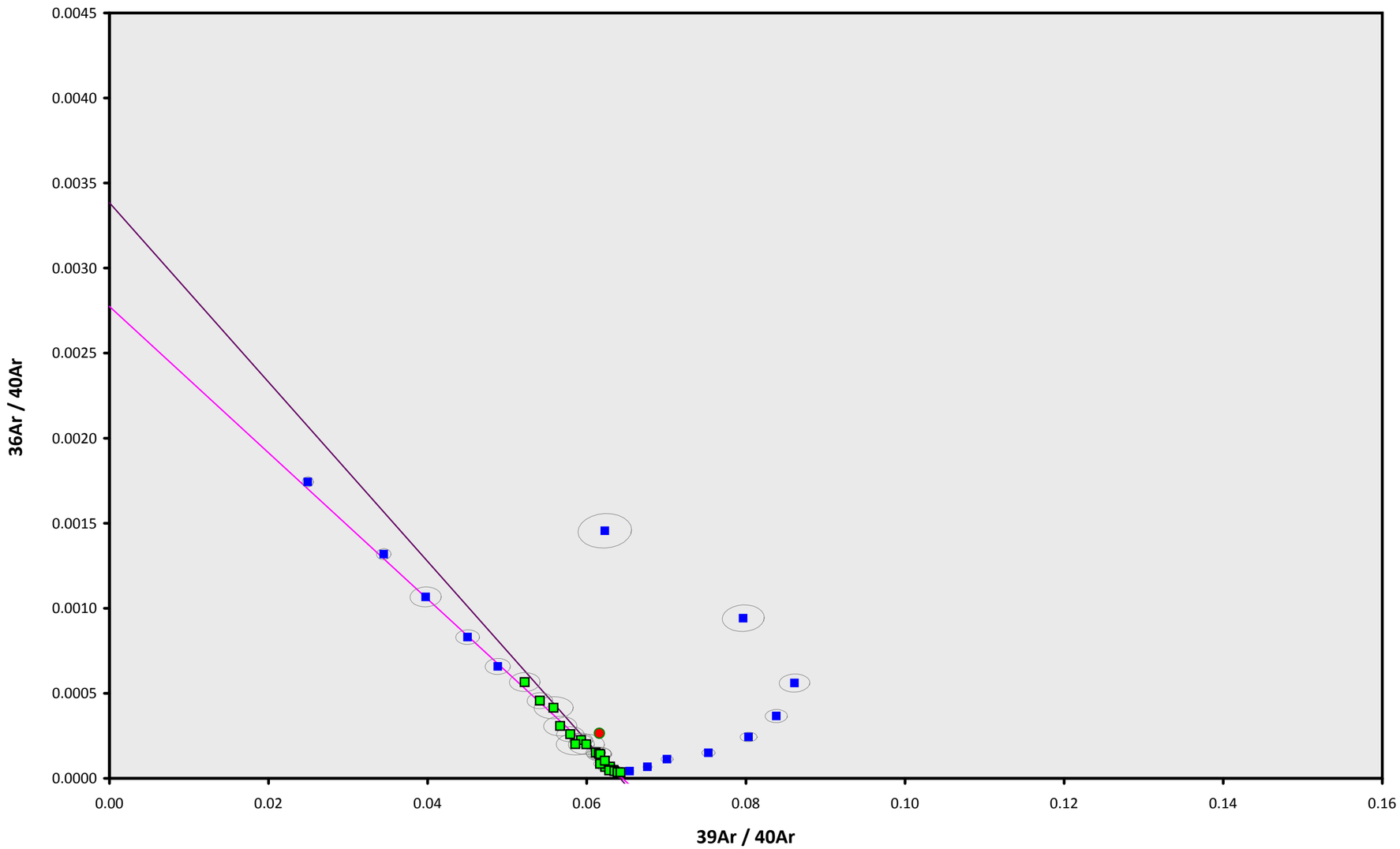
40AR/36AR INTERCEPT
362.6 ± 38.7

Sample Info

Groundmass
Rurutu Hotspot
Kevin Konrad

IRR = 14-OSU-02 (2A38-14)
J = 0.00176428 ± 0.00000166

14D26794.AGE >>> RR1310-D15-02 >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
49.04 ± 0.20
TOTAL FUSION
47.12 ± 0.16
NORMAL ISOCHRON
48.73 ± 0.23
INVERSE ISOCHRON
48.81 ± 0.23

MSWD (PROBABILITY)
0.94 (53%)

SPREADING FACTOR
18.7%

40AR/36AR INTERCEPT
360.4 ± 38.5

Sample Info

Groundmass
Rurutu Hotspot
Kevin Konrad

IRR = 14-OSU-02 (2A38-14)
J = 0.00176428 ± 0.00000166