Relative Abundances			36Ar [fA]	%1σ	37Ar [fA]	%1σ	38Ar [fA]	%1σ	39Ar [fA]	%1σ	40Ar [fA]	%1σ	40(r)/39(k) ± 2σ	Age ± 2σ (ka)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
15D04388	1.8 %		0.0927446	0.968	11.3393	15.527	0.316857	12.154	29.1051	0.144	51.9212	0.167	0.87191 ± 0.02153	2549.3 ± 62.9	48.86	0.90	1.103 ± 0.343
15D04389	1.9 %		0.0969906	0.920	18.4099	9.717	0.434882	9.151	38.2324	0.124	59.1436	0.145	0.83413 ± 0.01638	2439.0 ± 47.9	53.90	1.18	0.893 ± 0.174
15D04390	2.0 %		0.1063416	0.906	18.4813	9.619	0.544866	7.106	46.8558	0.111	68.4742	0.128	0.82071 ± 0.01414	2399.7 ± 41.3	56.14	1.45	1.090 ± 0.210
15D04392	2.1 %		0.0841091	1.015	17.1394	10.248	0.480937	7.820	40.7314	0.116	56.1939	0.152	0.80147 ± 0.01483	2343.5 ± 43.3	58.08	1.26	1.022 ± 0.209
15D04393	2.2 %		0.0755757	1.053	17.4472	9.936	0.487371	8.060	40.5238	0.121	53.5044	0.162	0.80206 ± 0.01419	2345.2 ± 41.5	60.73	1.25	0.998 ± 0.198
15D04394	2.3 %		0.0827489	1.077	22.2827	8.126	0.623046	6.585	54.1348	0.105	65.5904	0.132	0.79124 ± 0.01162	2313.6 ± 33.9	65.29	1.67	1.044 ± 0.170
15D04396	2.4 %		0.0858981	1.048	23.4764	7.453	0.773239	4.860	60.8005	0.096	71.0546	0.122	0.78059 ± 0.01035	2282.5 ± 30.2	66.78	1.88	1.113 ± 0.166
15D04397	2.6 %		0.0743080	1.208	22.3925	7.770	0.719446	5.574	58.2603	0.100	65.4993	0.132	0.77660 ± 0.01077	2270.8 ± 31.5	69.06	1.80	1.118 ± 0.174
15D04398	2.8 %		0.1135793	0.922	41.2712	4.312	1.321753	2.981	113.2091	0.081	117.8974	0.075	0.77258 ± 0.00632	2259.1 ± 18.5	74.17	3.50	1.179 ± 0.102
15D04400	3.0 %		0.0913500	1.000	35.3973	5.125	1.228719	3.347	99.2611	0.083	100.9886	0.087	0.77253 ± 0.00652	2258.9 ± 19.1	75.91	3.07	1.206 ± 0.124
15D04401	3.2 %		0.1228854	0.785	57.1543	3.187	1.976941	1.908	168.0593	0.077	159.7998	0.056	0.76050 ± 0.00411	2223.8 ± 12.0	79.96	5.19	1.264 ± 0.081
15D04402	3.4 %		0.0865074	0.978	43.1693	4.278	1.556090	2.643	133.6187	0.079	123.9246	0.072	0.76051 ± 0.00468	2223.8 ± 13.7	81.98	4.13	1.331 ± 0.114
15D04404	**3.6 %**	✓	**0.1115051**	**0.847**	**64.7524**	**2.743**	**2.446631**	**1.565**	**208.9859**	**0.076**	**186.1781**	**0.048**	**0.75654 ± 0.00330**	**2212.2 ± 9.7**	**84.90**	**6.46**	**1.388 ± 0.076**
15D04405	**3.9 %**	✓	**0.1057559**	**0.967**	**71.5998**	**2.553**	**2.728645**	**1.429**	**230.1908**	**0.075**	**199.7395**	**0.045**	**0.75540 ± 0.00322**	**2208.9 ± 9.4**	**87.04**	**7.11**	**1.382 ± 0.071**
15D04406	**4.2 %**	✓	**0.0639634**	**1.286**	**45.1038**	**3.955**	**1.785030**	**2.193**	**148.1437**	**0.077**	**127.0365**	**0.069**	**0.75289 ± 0.00413**	**2201.5 ± 12.1**	**87.78**	**4.58**	**1.412 ± 0.112**
15D04408	**4.5 %**	✓	**0.0738726**	**1.143**	**56.1723**	**3.242**	**2.171382**	**1.835**	**185.0025**	**0.076**	**156.4452**	**0.057**	**0.75050 ± 0.00344**	**2194.6 ± 10.1**	**88.73**	**5.72**	**1.416 ± 0.092**
15D04409	**4.8 %**	✓	**0.1008166**	**1.013**	**85.7107**	**2.177**	**3.091435**	**1.289**	**259.7675**	**0.075**	**218.3610**	**0.042**	**0.75086 ± 0.00290**	**2195.6 ± 8.5**	**89.30**	**8.03**	**1.303 ± 0.057**
15D04410	**5.1 %**	✓	**0.1004197**	**0.963**	**93.6754**	**2.067**	**3.132279**	**1.229**	**258.6345**	**0.075**	**217.1428**	**0.042**	**0.75233 ± 0.00283**	**2199.9 ± 8.3**	**89.59**	**7.99**	**1.187 ± 0.049**
15D04412	**5.4 %**	✓	**0.0862830**	**1.056**	**78.0217**	**2.368**	**2.443677**	**1.586**	**203.1454**	**0.075**	**172.0230**	**0.051**	**0.75049 ± 0.00333**	**2194.5 ± 9.7**	**88.60**	**6.28**	**1.119 ± 0.053**
15D04413	**5.8 %**	✓	**0.0684293**	**1.204**	**59.9588**	**3.349**	**1.699738**	**2.296**	**145.4084**	**0.079**	**125.1343**	**0.071**	**0.75290 ± 0.00433**	**2201.6 ± 12.7**	**87.46**	**4.49**	**1.043 ± 0.070**
15D04414	**6.2 %**	✓	**0.0777685**	**1.103**	**60.7036**	**3.127**	**1.537052**	**2.663**	**127.3414**	**0.080**	**114.3898**	**0.077**	**0.75430 ± 0.00496**	**2205.7 ± 14.5**	**83.94**	**3.94**	**0.902 ± 0.056**
15D04416	**6.8 %**	✓	**0.0892093**	**0.943**	**61.3966**	**3.030**	**1.300285**	**3.120**	**112.6507**	**0.081**	**106.8114**	**0.081**	**0.75594 ± 0.00548**	**2210.5 ± 16.0**	**79.70**	**3.48**	**0.789 ± 0.048**
15D04417	**7.4 %**	✓	**0.0748787**	**1.139**	**44.3025**	**4.110**	**0.879774**	**4.473**	**76.9268**	**0.091**	**76.6006**	**0.113**	**0.75234 ± 0.00798**	**2199.9 ± 23.3**	**75.52**	**2.38**	**0.746 ± 0.061**
15D04418	**8.2 %**	✓	**0.1705310**	**0.733**	**67.1387**	**2.798**	**1.065782**	**3.680**	**91.0581**	**0.085**	**114.1784**	**0.078**	**0.75739 ± 0.00904**	**2214.7 ± 26.4**	**60.37**	**2.81**	**0.583 ± 0.033**
15D04420	9.1 %		0.2040956	0.622	60.9383	2.859	0.861160	4.693	66.1887	0.093	106.1523	0.083	0.76398 ± 0.01243	2234.0 ± 36.3	47.61	2.04	0.467 ± 0.027
15D04421	10.1 %		0.1906162	0.749	45.9468	4.002	0.555086	7.275	42.5909	0.113	83.7124	0.103	0.72674 ± 0.02138	2125.1 ± 62.5	36.95	1.32	0.398 ± 0.032
15D04422	11.2 %		0.5038530	0.461	112.4850	1.687	0.905463	4.214	60.4533	0.098	182.2538	0.051	0.69713 ± 0.02352	2038.6 ± 68.7	23.09	1.87	0.231 ± 0.008
15D04424	12.3 %		0.2786765	0.592	95.0376	1.980	0.553790	6.903	39.8305	0.122	101.8784	0.086	0.67665 ± 0.02603	1978.8 ± 76.1	26.41	1.23	0.180 ± 0.007
15D04425	13.5 %		0.2947833	0.567	117.3595	1.586	0.586266	6.538	34.6775	0.126	99.5246	0.089	0.62284 ± 0.03025	1821.5 ± 88.4	21.65	1.07	0.127 ± 0.004
15D04426	14.8 %		0.1571422	0.706	106.1108	1.788	0.378902	9.831	23.3104	0.181	51.6077	0.166	0.57811 ± 0.03191	1690.7 ± 93.3	26.03	0.72	0.094 ± 0.003
15D04428	16.2 %		0.0990625	1.007	159.3688	1.203	0.284741	14.060	15.7079	0.238	25.2128	0.337	0.53621 ± 0.04384	1568.2 ± 128.1	33.18	0.48	0.042 ± 0.001
15D04429	17.7 %		0.0506907	1.381	105.7888	1.788	0.118152	32.249	7.4572	0.487	10.1489	0.847	0.46273 ± 0.07279	1353.4 ± 212.8	33.68	0.23	0.030 ± 0.001
15D04430	19.8 %		0.0718851	1.131	188.8864	1.090	0.135873	30.089	7.5599	0.494	9.5841	0.891	0.41357 ± 0.08118	1209.7 ± 237.4	32.07	0.23	0.017 ± 0.000
15D04432	22.1 %		0.0514408	1.407	146.2857	1.407	0.124948	30.821	4.5834	0.777	5.7837	1.475	0.44520 ± 0.12540	1302.2 ± 366.6	34.52	0.14	0.013 ± 0.000
15D04433	24.5 %		0.0459536	1.631	136.9016	1.406	0.160142	24.114	3.9434	0.889	5.0993	1.661	0.57287 ± 0.14616	1675.4 ± 427.3	43.27	0.12	0.012 ± 0.000
		Σ	4.1846714	0.150	2391.6063	0.458	39.410382	0.589	3236.3510	0.017	3488.9908	0.015					

Information on Analysis and Constants Used in Calculations

Project = **MARQUESAS (14-INT-06)**
Sample = **HO-AT-04**
Material = **Groundmass**
Location = **Marquesas Islands**
Region = **French Polynesia**
Analyst = **Kevin Konrad**
Irradiation = **14-OSU-04 (R98)**
Position = **X: 0 | Y: 0 | Z/H: 41.56 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **9.71387 ± 0.01185**
FCT-NM J-value = **0.00161804 ± 0.00000197**
Air Shot 40Ar/36Ar = **303.4490 ± 0.5341**
Air Shot MDF = **0.99344266 ± 0.00071960 (LIN)**
Experiment Type = **Incremental Heating**
Extraction Method = **In Situ Laser Heating**
Heating = **77 sec**
Isolation = **6.00 min**
Instrument = **ARGUS-VI-D**
Preferred Age = **Plateau Age**
Age Classification = **Eruption Age**
IGSN = **IEKK1-HO-AT-04**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Basalt**
Lat-Lon = **9°45.6'S - 138°52.8'W**

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) = **0.0006730**
Production 38/37(ca) = **0.0000139**
Production 36/37(ca) = **0.0002640**
Production 40/39(k) = **0.001010**
Production 38/39(k) = **0.011380**
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

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (ka)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau		0.75295 ± 0.00133 (± 0.18%)	**2201.7 ± 6.6 (± 0.30%)**	1.46 14%	63.27 12	0.965 ± 0.179
		Full External Error ± 50.1		1.85	2σ Confidence Limit	
		Analytical Error ± 3.9		1.2067	Error Magnification	
Total Fusion Age		0.75304 ± 0.00133 (± 0.18%)	**2202.0 ± 6.6 (± 0.30%)**		35	0.582 ± 0.005
		Full External Error ± 50.1				
		Analytical Error ± 3.9				
Normal Isochron	**302.11 ± 6.34 (± 2.10%)**	0.75027 ± 0.00275 (± 0.37%)	**2193.9 ± 9.7 (± 0.44%)**	1.15 32%	63.27 12	
		Full External Error ± 50.4		1.89	2σ Confidence Limit	
		Analytical Error ± 8.0		1.0705	Error Magnification	
				35	Number of Iterations	
				0.0000074525	Convergence	
Inverse Isochron	**301.71 ± 6.40 (± 2.12%)**	0.75053 ± 0.00277 (± 0.37%)	**2194.7 ± 9.7 (± 0.44%)**	1.15 32%	63.27 12	
		Full External Error ± 50.5		1.89	2σ Confidence Limit	
		Analytical Error ± 8.1		1.0735	Error Magnification	
				3	Number of Iterations	
				0.0001857747	Convergence	
				30%	Spreading Factor	

Notes
This plateau displays the recoil patterns typical of a groundmass analyses. A long and reliable plateau was produced between the low and high temperature recoil patterns.

Incremental Heating			36Ar(a) [fA]	37Ar(ca) [fA]	38Ar(cl) [fA]	39Ar(k) [fA]	40Ar(r) [fA]	Age ± 2σ (ka)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
15D04388	1.8 %		0.0897510	11.3393	0.0000000	29.0975	25.3704	2549.3 ± 62.9	48.86	0.90	1.103 ± 0.343
15D04389	1.9 %		0.0921304	18.4099	0.0000000	38.2200	31.8805	2439.0 ± 47.9	53.90	1.18	0.893 ± 0.174
15D04390	2.0 %		0.1014625	18.4813	0.0000000	46.8434	38.4447	2399.7 ± 41.3	56.14	1.45	1.090 ± 0.210
15D04392	2.1 %		0.0795836	17.1394	0.0024327	40.7199	32.6358	2343.5 ± 43.3	58.08	1.26	1.022 ± 0.209
15D04393	2.2 %		0.0709657	17.4472	0.0128384	40.5120	32.4931	2345.2 ± 41.5	60.73	1.25	0.998 ± 0.198
15D04394	2.3 %		0.0768663	22.2827	0.0000000	54.1198	42.8218	2313.6 ± 33.9	65.29	1.67	1.044 ± 0.170
15D04396	2.4 %		0.0796801	23.4764	0.0662903	60.7847	47.4477	2282.5 ± 30.2	66.78	1.88	1.113 ± 0.166
15D04397	2.6 %		0.0683831	22.3925	0.0435240	58.2452	45.2332	2270.8 ± 31.5	69.06	1.80	1.118 ± 0.174
15D04398	2.8 %		0.1026794	41.2712	0.0139850	113.1813	87.4413	2259.1 ± 18.5	74.17	3.50	1.179 ± 0.102
15D04400	3.0 %		0.0819797	35.3973	0.0835846	99.2373	76.6634	2258.9 ± 19.1	75.91	3.07	1.206 ± 0.124
15D04401	3.2 %		0.1077833	57.1543	0.0439245	168.0208	127.7801	2223.8 ± 12.0	79.96	5.19	1.264 ± 0.081
15D04402	3.4 %		0.0751042	43.1693	0.0212032	133.5896	101.5964	2223.8 ± 13.7	81.98	4.13	1.331 ± 0.114
15D04404	3.6 %	✓	0.0943951	64.7524	0.0503254	208.9423	158.0734	2212.2 ± 9.7	84.90	6.46	1.388 ± 0.076
15D04405	3.9 %	✓	0.0868254	71.5998	0.0923985	230.1426	173.8502	2208.9 ± 9.4	87.04	7.11	1.382 ± 0.071
15D04406	4.2 %	✓	0.0520289	45.1038	0.0891496	148.1133	111.5124	2201.5 ± 12.1	87.78	4.58	1.412 ± 0.112
15D04408	4.5 %	✓	0.0590265	56.1723	0.0546704	184.9647	138.8161	2194.6 ± 10.1	88.73	5.72	1.416 ± 0.092
15D04409	4.8 %	✓	0.0781523	85.7107	0.1201396	259.7098	195.0047	2195.6 ± 8.5	89.30	8.03	1.303 ± 0.057
15D04410	5.1 %	✓	0.0756362	93.6754	0.1742975	258.5714	194.5312	2199.9 ± 8.3	89.59	7.99	1.187 ± 0.049
15D04412	5.4 %	✓	0.0656490	78.0217	0.1191255	203.0929	152.4186	2194.5 ± 9.7	88.60	6.28	1.119 ± 0.053
15D04413	5.8 %	✓	0.0525896	59.9588	0.0347872	145.3680	109.4473	2201.6 ± 12.7	87.46	4.49	1.043 ± 0.070
15D04414	6.2 %	✓	0.0617195	60.7036	0.0759930	127.3005	96.0231	2205.7 ± 14.5	83.94	3.94	0.902 ± 0.056
15D04416	6.8 %	✓	0.0729993	61.3966	0.0042939	112.6094	85.1264	2210.5 ± 16.0	79.70	3.48	0.789 ± 0.048
15D04417	7.4 %	✓	0.0631829	44.3025	0.0000000	76.8970	57.8524	2199.9 ± 23.3	75.52	2.38	0.746 ± 0.061
15D04418	8.2 %	✓	0.1528062	67.1387	0.0005616	91.0130	68.9322	2214.7 ± 26.4	60.37	2.81	0.583 ± 0.033
15D04420	9.1 %		0.1879858	60.9383	0.0724178	66.1477	50.5357	2234.0 ± 36.3	47.61	2.04	0.467 ± 0.027
15D04421	10.1 %		0.1784750	45.9468	0.0367575	42.5600	30.9300	2125.1 ± 62.5	36.95	1.32	0.398 ± 0.032
15D04422	11.2 %		0.4741179	112.4850	0.1281900	60.3776	42.0910	2038.6 ± 68.7	23.09	1.87	0.231 ± 0.008
15D04424	12.3 %		0.2535706	95.0376	0.0525342	39.7665	26.9081	1978.8 ± 76.1	26.41	1.23	0.180 ± 0.007
15D04425	13.5 %		0.2637571	117.3595	0.1416068	34.5985	21.5494	1821.5 ± 88.4	21.65	1.07	0.127 ± 0.004
15D04426	14.8 %		0.1291018	106.1108	0.0888382	23.2390	13.4347	1690.7 ± 93.3	26.03	0.72	0.094 ± 0.003
15D04428	16.2 %		0.0569604	159.3688	0.0943453	15.6006	8.3652	1568.2 ± 128.1	33.18	0.48	0.042 ± 0.001
15D04429	17.7 %		0.0227538	105.7888	0.0283766	7.3860	3.4177	1353.4 ± 212.8	33.68	0.23	0.030 ± 0.001
15D04430	19.8 %		0.0220055	188.8864	0.0445498	7.4327	3.0739	1209.7 ± 237.4	32.07	0.23	0.017 ± 0.000
15D04432	22.1 %		0.0128002	146.2857	0.0694833	4.4850	1.9967	1302.2 ± 366.6	34.52	0.14	0.013 ± 0.000
15D04433	24.5 %		0.0097772	136.9016	0.1125839	3.8513	2.2063	1675.4 ± 427.3	43.27	0.12	0.012 ± 0.000
		Σ	3.5526854	2391.6063	1.9732080	3234.7415	2435.9051				

Information on Analysis

Project = **MARQUESAS (14-INT-06)**
Sample = **HO-AT-04**
Material = **Groundmass**
Location = **Marquesas Islands**
Region = **French Polynesia**
Analyst = **Kevin Konrad**
Irradiation = **14-OSU-04 (R98)**
J = **0.00161804 ± 0.00000197**
FCT-NM = **28.201 ± 0.023 Ma**

Results	40(r)/39(k) ± 2σ	Age ± 2σ (ka)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau	0.75295 ± 0.00133 ± 0.18%	**2201.7 ± 6.6 ± 0.30%**	1.46 14%	63.27 12	0.965 ± 0.179
		Full External Error ± 50.1	1.85	2σ Confidence Limit	
		Analytical Error ± 3.9	1.2067	Error Magnification	
Total Fusion Age	0.75304 ± 0.00133 ± 0.18%	**2202.0 ± 6.6 ± 0.30%**		35	0.582 ± 0.005
		Full External Error ± 50.1			
		Analytical Error ± 3.9			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
15D04388	1.8 %		324.20 ± 7.36	578.18 ± 13.17	0.9811
15D04389	1.9 %		414.85 ± 9.15	641.54 ± 14.18	0.9850
15D04390	2.0 %		461.68 ± 9.80	674.41 ± 14.35	0.9872
15D04392	2.1 %		511.66 ± 12.55	705.58 ± 17.36	0.9878
15D04393	2.2 %		570.87 ± 14.83	753.37 ± 19.64	0.9879
15D04394	2.3 %		704.08 ± 18.58	852.59 ± 22.54	0.9918
15D04396	2.4 %		762.86 ± 19.43	890.98 ± 22.73	0.9926
15D04397	2.6 %		851.75 ± 25.17	956.97 ± 28.33	0.9937
15D04398	2.8 %		1102.28 ± 24.71	1147.09 ± 25.70	0.9952
15D04400	3.0 %		1210.51 ± 30.53	1230.65 ± 31.04	0.9954
15D04401	3.2 %		1558.88 ± 31.28	1481.03 ± 29.68	0.9955
15D04402	3.4 %		1778.72 ± 46.35	1648.24 ± 42.94	0.9967
15D04404	3.6 %	✓	2213.49 ± 49.55	1970.09 ± 44.04	0.9968
15D04405	3.9 %	✓	2650.64 ± 69.15	2297.80 ± 59.88	0.9977
15D04406	4.2 %	✓	2846.75 ± 103.80	2438.78 ± 88.91	0.9984
15D04408	4.5 %	✓	3133.59 ± 103.28	2647.26 ± 87.21	0.9983
15D04409	4.8 %	✓	3323.12 ± 96.53	2790.69 ± 80.99	0.9983
15D04410	5.1 %	✓	3418.62 ± 99.04	2867.43 ± 82.99	0.9982
15D04412	5.4 %	✓	3093.62 ± 97.52	2617.22 ± 82.45	0.9983
15D04413	5.8 %	✓	2764.20 ± 103.09	2376.66 ± 88.63	0.9984
15D04414	6.2 %	✓	2062.56 ± 66.50	1851.30 ± 59.69	0.9976
15D04416	6.8 %	✓	1542.61 ± 41.25	1461.63 ± 39.08	0.9963
15D04417	7.4 %	✓	1217.05 ± 37.79	1211.13 ± 37.64	0.9956
15D04418	8.2 %	✓	595.61 ± 10.53	746.61 ± 13.19	0.9914
15D04420	9.1 %		351.88 ± 5.09	564.33 ± 8.16	0.9851
15D04421	10.1 %		238.46 ± 4.06	468.80 ± 7.98	0.9839
15D04422	11.2 %		127.35 ± 1.30	384.28 ± 3.87	0.9764
15D04424	12.3 %		156.83 ± 2.16	401.62 ± 5.50	0.9765
15D04425	13.5 %		131.18 ± 1.76	377.20 ± 5.03	0.9734
15D04426	14.8 %		180.01 ± 3.46	399.56 ± 7.65	0.9671
15D04428	16.2 %		273.89 ± 10.84	442.36 ± 17.63	0.9783
15D04429	17.7 %		324.61 ± 24.75	445.70 ± 34.53	0.9676
15D04430	19.8 %		337.77 ± 30.21	435.19 ± 39.44	0.9742
15D04432	22.1 %		350.38 ± 49.87	451.49 ± 65.23	0.9728
15D04433	24.5 %		393.90 ± 73.33	521.15 ± 98.10	0.9796

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (ka)	MSWD
Normal Isochron	**302.11 ± 6.34 ± 2.10%**	0.75027 ± 0.00275 ± 0.37%	**2193.9 ± 9.7 ± 0.44%**	1.15 32%
			Full External Error ± 50.4	
			Analytical Error ± 8.0	

Statistics				
2σ Confidence Limit	1.89	Convergence	0.000007452465
Error Magnification	1.0705	Number of Iterations	35
Number of Data Points	12	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
15D04388	1.8 %		0.5607333 ± 0.0024805	0.00172958 ± 0.00003939	0.1115
15D04389	1.9 %		0.6466458 ± 0.0024749	0.00155876 ± 0.00003446	0.0999
15D04390	2.0 %		0.6845757 ± 0.0023244	0.00148279 ± 0.00003154	0.0911
15D04392	2.1 %		0.7251620 ± 0.0027803	0.00141727 ± 0.00003486	0.0984
15D04393	2.2 %		0.7577516 ± 0.0030632	0.00132737 ± 0.00003460	0.0997
15D04394	2.3 %		0.8258058 ± 0.0027898	0.00117289 ± 0.00003101	0.0787
15D04396	2.4 %		0.8562052 ± 0.0026511	0.00112236 ± 0.00002864	0.0750
15D04397	2.6 %		0.8900488 ± 0.0029558	0.00104497 ± 0.00003094	0.0714
15D04398	2.8 %		0.9609305 ± 0.0021187	0.00087177 ± 0.00001953	0.0456
15D04400	3.0 %		0.9836341 ± 0.0023770	0.00081258 ± 0.00002050	0.0503
15D04401	3.2 %		1.0525638 ± 0.0020006	0.00067521 ± 0.00001353	0.0330
15D04402	3.4 %		1.0791665 ± 0.0023004	0.00060671 ± 0.00001580	0.0372
15D04404	3.6 %	✓	1.1235443 ± 0.0020096	0.00050759 ± 0.00001135	0.0228
15D04405	3.9 %	✓	1.1535563 ± 0.0020290	0.00043520 ± 0.00001134	0.0179
15D04406	4.2 %	✓	1.1672859 ± 0.0024200	0.00041004 ± 0.00001495	0.0252
15D04408	4.5 %	✓	1.1837106 ± 0.0022468	0.00037775 ± 0.00001244	0.0205
15D04409	4.8 %	✓	1.1907903 ± 0.0020434	0.00035833 ± 0.00001040	0.0144
15D04410	5.1 %	✓	1.1922235 ± 0.0020477	0.00034874 ± 0.00001009	0.0142
15D04412	5.4 %	✓	1.1820244 ± 0.0021570	0.00038208 ± 0.00001204	0.0184
15D04413	5.8 %	✓	1.1630605 ± 0.0024731	0.00042076 ± 0.00001569	0.0257
15D04414	6.2 %	✓	1.1141180 ± 0.0024700	0.00054016 ± 0.00001741	0.0331
15D04416	6.8 %	✓	1.0554061 ± 0.0024244	0.00068417 ± 0.00001829	0.0429
15D04417	7.4 %	✓	1.0048879 ± 0.0029307	0.00082567 ± 0.00002566	0.0569
15D04418	8.2 %	✓	0.7977542 ± 0.0018498	0.00133939 ± 0.00002367	0.0599
15D04420	9.1 %		0.6235320 ± 0.0015579	0.00177202 ± 0.00002561	0.0767
15D04421	10.1 %		0.5086684 ± 0.0015542	0.00213310 ± 0.00003629	0.0813
15D04422	11.2 %		0.3313939 ± 0.0007325	0.00260229 ± 0.00002623	0.0470
15D04424	12.3 %		0.3904869 ± 0.0011654	0.00248993 ± 0.00003410	0.0721
15D04425	13.5 %		0.3477602 ± 0.0010743	0.00265110 ± 0.00003536	0.0774
15D04426	14.8 %		0.4505061 ± 0.0022154	0.00250274 ± 0.00004794	0.1173
15D04428	16.2 %		0.6191442 ± 0.0051243	0.00226060 ± 0.00009010	0.1379
15D04429	17.7 %		0.7282967 ± 0.0142685	0.00224364 ± 0.00017382	0.1892
15D04430	19.8 %		0.7761396 ± 0.0158893	0.00229785 ± 0.00020827	0.1714
15D04432	22.1 %		0.7760583 ± 0.0260174	0.00221489 ± 0.00032001	0.1799
15D04433	24.5 %		0.7558289 ± 0.0286543	0.00191882 ± 0.00036119	0.1549

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (ka)	MSWD
Inverse Isochron	**301.71 ± 6.40 ± 2.12%**	0.75053 ± 0.00277 ± 0.37%	**2194.7 ± 9.7 ± 0.44%**	1.15 32%
			Full External Error ± 50.5	
			Analytical Error ± 8.1	

Statistics				
	2σ Confidence Limit	1.89	Convergence	0.0001857747
	Error Magnification	1.0735	Number of Iterations	3
	Number of Data Points	12	Calculated Line	Weighted York-2
	Spreading Factor	29.6%		

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
15D04388	1.8 %		0.0897510	1.13	0.0000000	0.00	0.0029936	15.53	0.0000000	0.00	11.3393	15.53	0.0167745	1.13	0.0000000	0.00	0.331129	0.14	0.0001576	15.53	0.0000000	0.00	29.0975	0.14	0.0076314	15.53	25.3704	1.23	26.5214	1.13	0.0000000	0.00	0.0293884	0.14
15D04389	1.9 %		0.0921304	1.10	0.0000000	0.00	0.0048602	9.72	0.0000000	0.00	18.4099	9.72	0.0172192	1.10	0.0000000	0.00	0.434944	0.12	0.0002559	9.72	0.0000000	0.00	38.2200	0.12	0.0123899	9.72	31.8805	0.97	27.2245	1.10	0.0000000	0.00	0.0386022	0.12
15D04390	2.0 %		0.1014625	1.06	0.0000000	0.00	0.0048791	9.62	0.0000000	0.00	18.4813	9.62	0.0189633	1.06	0.0000000	0.00	0.533078	0.11	0.0002569	9.62	0.0000000	0.00	46.8434	0.11	0.0124379	9.62	38.4447	0.85	29.9822	1.06	0.0000000	0.00	0.0473118	0.11
15D04392	2.1 %		0.0795836	1.22	0.0000000	0.00	0.0045248	10.25	0.0000007	######	17.1394	10.25	0.0148742	1.22	0.0000000	0.00	0.463392	0.12	0.0002382	10.25	0.0024327	######	40.7199	0.12	0.0115348	10.25	32.6358	0.92	23.5169	1.22	0.0000000	0.00	0.0411271	0.12
15D04393	2.2 %		0.0709657	1.29	0.0000000	0.00	0.0046061	9.94	0.0000039	306.01	17.4472	9.94	0.0132635	1.29	0.0000000	0.00	0.461027	0.12	0.0002425	9.94	0.0128384	306.01	40.5120	0.12	0.0117419	9.94	32.4931	0.88	20.9704	1.29	0.0000000	0.00	0.0409171	0.12
15D04394	2.3 %		0.0768663	1.32	0.0000000	0.00	0.0058826	8.13	0.0000000	0.00	22.2827	8.13	0.0143663	1.32	0.0000000	0.00	0.615884	0.10	0.0003097	8.13	0.0000000	0.00	54.1198	0.10	0.0149963	8.13	42.8218	0.73	22.7140	1.32	0.0000000	0.00	0.0546610	0.10
15D04396	2.4 %		0.0796801	1.27	0.0000000	0.00	0.0061978	7.45	0.0000202	56.71	23.4764	7.45	0.0148922	1.27	0.0000000	0.00	0.691730	0.10	0.0003263	7.45	0.0662903	56.71	60.7847	0.10	0.0157996	7.45	47.4477	0.66	23.5455	1.27	0.0000000	0.00	0.0613926	0.10
15D04397	2.6 %		0.0683831	1.47	0.0000000	0.00	0.0059116	7.77	0.0000133	92.16	22.3925	7.77	0.0127808	1.47	0.0000000	0.00	0.662830	0.10	0.0003113	7.77	0.0435240	92.16	58.2452	0.10	0.0150702	7.77	45.2332	0.69	20.2072	1.47	0.0000000	0.00	0.0588276	0.10
15D04398	2.8 %		0.1026794	1.12	0.0000000	0.00	0.0108956	4.31	0.0000043	281.90	41.2712	4.31	0.0191908	1.12	0.0000000	0.00	1.288003	0.08	0.0005737	4.31	0.0139850	281.91	113.1813	0.08	0.0277755	4.31	87.4413	0.40	30.3418	1.12	0.0000000	0.00	0.1143131	0.08
15D04400	3.0 %		0.0819797	1.26	0.0000000	0.00	0.0093449	5.13	0.0000255	49.23	35.3973	5.13	0.0153220	1.26	0.0000000	0.00	1.129320	0.08	0.0004920	5.13	0.0835846	49.23	99.2373	0.08	0.0238224	5.13	76.6634	0.41	24.2250	1.26	0.0000000	0.00	0.1002297	0.08
15D04401	3.2 %		0.1077833	1.00	0.0000000	0.00	0.0150887	3.19	0.0000134	85.95	57.1543	3.19	0.0201447	1.00	0.0000000	0.00	1.912077	0.08	0.0007944	3.19	0.0439245	85.95	168.0208	0.08	0.0384648	3.19	127.7801	0.26	31.8500	1.00	0.0000000	0.00	0.1697010	0.08
15D04402	3.4 %		0.0751042	1.30	0.0000000	0.00	0.0113967	4.28	0.0000065	194.07	43.1693	4.28	0.0140370	1.30	0.0000000	0.00	1.520250	0.08	0.0006001	4.28	0.0212032	194.07	133.5896	0.08	0.0290529	4.28	101.5964	0.30	22.1933	1.30	0.0000000	0.00	0.1349255	0.08
15D04404	3.6 %	✓	0.0943951	1.12	0.0000000	0.00	0.0170946	2.74	0.0000153	76.17	64.7524	2.74	0.0176424	1.12	0.0000000	0.00	2.377763	0.08	0.0009001	2.74	0.0503254	76.17	208.9423	0.08	0.0435784	2.74	158.0734	0.20	27.8937	1.12	0.0000000	0.00	0.2110317	0.08
15D04405	3.9 %	✓	0.0868254	1.30	0.0000000	0.00	0.0189023	2.55	0.0000282	42.27	71.5998	2.55	0.0162277	1.30	0.0000000	0.00	2.619023	0.08	0.0009952	2.55	0.0923985	42.28	230.1426	0.08	0.0481867	2.55	173.8502	0.20	25.6569	1.30	0.0000000	0.00	0.2324441	0.08
15D04406	4.2 %	✓	0.0520289	1.82	0.0000000	0.00	0.0119074	3.96	0.0000272	43.95	45.1038	3.96	0.0097242	1.82	0.0000000	0.00	1.685529	0.08	0.0006269	3.96	0.0891496	43.96	148.1133	0.08	0.0303549	3.96	111.5124	0.26	15.3745	1.82	0.0000000	0.00	0.1495944	0.08
15D04408	4.5 %	✓	0.0590265	1.65	0.0000000	0.00	0.0148295	3.24	0.0000167	72.95	56.1723	3.24	0.0110320	1.65	0.0000000	0.00	2.104899	0.08	0.0007808	3.24	0.0546704	72.95	184.9647	0.08	0.0378039	3.24	138.8161	0.22	17.4423	1.65	0.0000000	0.00	0.1868144	0.08
15D04409	4.8 %	✓	0.0781523	1.45	0.0000000	0.00	0.0226276	2.18	0.0000366	33.24	85.7107	2.18	0.0146067	1.45	0.0000000	0.00	2.955497	0.07	0.0011914	2.18	0.1201396	33.25	259.7098	0.07	0.0576833	2.18	195.0047	0.18	23.0940	1.45	0.0000000	0.00	0.2623069	0.07
15D04410	5.1 %	✓	0.0756362	1.45	0.0000000	0.00	0.0247303	2.07	0.0000532	22.14	93.6754	2.07	0.0141364	1.45	0.0000000	0.00	2.942543	0.07	0.0013021	2.07	0.1742975	22.16	258.5714	0.07	0.0630435	2.07	194.5312	0.17	22.3505	1.45	0.0000000	0.00	0.2611571	0.07
15D04412	5.4 %	✓	0.0656490	1.57	0.0000000	0.00	0.0205977	2.37	0.0000363	32.58	78.0217	2.37	0.0122698	1.57	0.0000000	0.00	2.311198	0.08	0.0010845	2.37	0.1191255	32.59	203.0929	0.08	0.0525086	2.37	152.4186	0.21	19.3993	1.57	0.0000000	0.00	0.2051239	0.08
15D04413	5.8 %	✓	0.0525896	1.86	0.0000000	0.00	0.0158291	3.35	0.0000106	112.26	59.9588	3.35	0.0098290	1.86	0.0000000	0.00	1.654288	0.08	0.0008334	3.35	0.0347872	112.27	145.3680	0.08	0.0403523	3.35	109.4473	0.28	15.5402	1.86	0.0000000	0.00	0.1468217	0.08
15D04414	6.2 %	✓	0.0617195	1.61	0.0000000	0.00	0.0160257	3.13	0.0000232	53.90	60.7036	3.13	0.0115354	1.61	0.0000000	0.00	1.448680	0.08	0.0008438	3.13	0.0759930	53.91	127.3005	0.08	0.0408535	3.13	96.0231	0.32	18.2381	1.61	0.0000000	0.00	0.1285735	0.08
15D04416	6.8 %	✓	0.0729993	1.33	0.0000000	0.00	0.0162087	3.03	0.0000013	945.25	61.3966	3.03	0.0136436	1.33	0.0000000	0.00	1.281495	0.08	0.0008534	3.03	0.0042939	945.25	112.6094	0.08	0.0413199	3.03	85.1264	0.35	21.5713	1.33	0.0000000	0.00	0.1137355	0.08
15D04417	7.4 %	✓	0.0631829	1.55	0.0000000	0.00	0.0116959	4.11	0.0000000	0.00	44.3025	4.11	0.0118089	1.55	0.0000000	0.00	0.875088	0.09	0.0006158	4.11	0.0000000	0.00	76.8970	0.09	0.0298156	4.11	57.8524	0.52	18.6705	1.55	0.0000000	0.00	0.0776660	0.09
15D04418	8.2 %	✓	0.1528062	0.88	0.0000000	0.00	0.0177246	2.80	0.0000002	######	67.1387	2.80	0.0285595	0.88	0.0000000	0.00	1.035727	0.09	0.0009332	2.80	0.0005616	######	91.0130	0.09	0.0451844	2.80	68.9322	0.59	45.1542	0.88	0.0000000	0.00	0.0919231	0.09
15D04420	9.1 %		0.1879858	0.72	0.0000000	0.00	0.0160877	2.86	0.0000221	55.82	60.9383	2.86	0.0351345	0.72	0.0000000	0.00	0.752761	0.09	0.0008470	2.86	0.0724178	55.83	66.1477	0.09	0.0410115	2.86	50.5357	0.81	55.5498	0.72	0.0000000	0.00	0.0668092	0.09
15D04421	10.1 %		0.1784750	0.84	0.0000000	0.00	0.0121300	4.00	0.0000112	109.88	45.9468	4.00	0.0333570	0.84	0.0000000	0.00	0.484332	0.11	0.0006387	4.00	0.0367575	109.89	42.5600	0.11	0.0309222	4.00	30.9300	1.47	52.7394	0.84	0.0000000	0.00	0.0429856	0.11
15D04422	11.2 %		0.4741179	0.50	0.0000000	0.00	0.0296960	1.69	0.0000391	29.79	112.4850	1.69	0.0886126	0.50	0.0000000	0.00	0.687097	0.10	0.0015635	1.69	0.1281900	29.80	60.3776	0.10	0.0757024	1.69	42.0910	1.68	140.1018	0.50	0.0000000	0.00	0.0609814	0.10
15D04424	12.3 %		0.2535706	0.68	0.0000000	0.00	0.0250899	1.98	0.0000160	72.78	95.0376	1.98	0.0473923	0.68	0.0000000	0.00	0.452543	0.12	0.0013210	1.98	0.0525342	72.79	39.7665	0.12	0.0639603	1.98	26.9081	1.92	74.9301	0.68	0.0000000	0.00	0.0401642	0.12
15D04425	13.5 %		0.2637571	0.66	0.0000000	0.00	0.0309829	1.59	0.0000432	27.09	117.3595	1.59	0.0492962	0.66	0.0000000	0.00	0.393731	0.13	0.0016313	1.59	0.1416068	27.10	34.5985	0.13	0.0789830	1.59	21.5494	2.43	77.9402	0.66	0.0000000	0.00	0.0349445	0.13
15D04426	14.8 %		0.1291018	0.94	0.0000000	0.00	0.0280133	1.79	0.0000271	41.95	106.1108	1.79	0.0241291	0.94	0.0000000	0.00	0.264460	0.18	0.0014749	1.79	0.0888382	41.96	23.2390	0.18	0.0714126	1.79	13.4347	2.75	38.1496	0.94	0.0000000	0.00	0.0234714	0.18
15D04428	16.2 %		0.0569604	1.96	0.0000000	0.00	0.0420734	1.20	0.0000288	42.45	159.3688	1.20	0.0106459	1.96	0.0000000	0.00	0.177535	0.24	0.0022152	1.20	0.0943453	42.46	15.6006	0.24	0.1072552	1.20	8.3652	4.08	16.8318	1.96	0.0000000	0.00	0.0157566	0.24
15D04429	17.7 %		0.0227538	3.78	0.0000000	0.00	0.0279282	1.79	0.0000087	134.30	105.7888	1.79	0.0042527	3.78	0.0000000	0.00	0.084053	0.49	0.0014705	1.79	0.0283766	134.30	7.3860	0.49	0.0711959	1.79	3.4177	7.85	6.7238	3.78	0.0000000	0.00	0.0074599	0.49
15D04430	19.8 %		0.0220055	4.44	0.0000000	0.00	0.0498660	1.09	0.0000136	91.78	188.8864	1.09	0.0041128	4.44	0.0000000	0.00	0.084585	0.50	0.0026255	1.09	0.0445498	91.79	7.4327	0.50	0.1271206	1.09	3.0739	9.80	6.5026	4.44	0.0000000	0.00	0.0075071	0.50
15D04432	22.1 %		0.0128002	7.07	0.0000000	0.00	0.0386194	1.41	0.0000212	55.44	146.2857	1.41	0.0023924	7.07	0.0000000	0.00	0.051039	0.79	0.0020334	1.41	0.0694833	55.45	4.4850	0.79	0.0984503	1.41	1.9967	14.06	3.7825	7.07	0.0000000	0.00	0.0045298	0.79
15D04433	24.5 %		0.0097772	9.26	0.0000000	0.00	0.0361420	1.41	0.0000344	34.32	136.9016	1.41	0.0018274	9.26	0.0000000	0.00	0.043828	0.91	0.0019029	1.41	0.1125839	34.33	3.8513	0.91	0.0921348	1.41	2.2063	12.72	2.8892	9.26	0.0000000	0.00	0.0038898	0.91
		Σ	3.5526854	0.19	0.0000000	0.00	0.6313841	0.46	0.0006019	10.89	2391.6063	0.46	0.6639969	0.19	0.0000000	0.00	36.811358	0.02	0.0332433	0.46	1.9732080	10.89	3234.7415	0.02	1.6095510	0.46	2435.9051	0.09	1049.8185	0.19	0.0000000	0.00	3.2670889	0.02
		Σ							4.1846714	0.18	2391.6063	0.46									39.481806	0.54			3236.3510	0.02							3488.9908	0.08

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
15D04388	1.8 %		1.783921	0.003943	0.389599	0.060496	0.003187	0.000031	187.597	40.767627	1.00132545	2.492E-12
15D04389	1.9 %		1.546950	0.002958	0.481526	0.046796	0.002537	0.000024	187.608	40.776016	1.00132552	2.839E-12
15D04390	2.0 %		1.461381	0.002479	0.394430	0.037943	0.002270	0.000021	187.617	40.783847	1.00132559	3.287E-12
15D04392	2.1 %		1.379621	0.002643	0.420790	0.043124	0.002065	0.000021	187.636	40.798954	1.00132572	2.697E-12
15D04393	2.2 %		1.320321	0.002667	0.430542	0.042780	0.001865	0.000020	187.646	40.806790	1.00132579	2.568E-12
15D04394	2.3 %		1.211613	0.002045	0.411615	0.033450	0.001529	0.000017	187.656	40.814627	1.00132586	3.148E-12
15D04396	2.4 %		1.168651	0.001808	0.386121	0.028781	0.001413	0.000015	187.674	40.829745	1.00132599	3.411E-12
15D04397	2.6 %		1.124253	0.001865	0.384353	0.029866	0.001275	0.000015	187.683	40.837027	1.00132605	3.144E-12
15D04398	2.8 %		1.041412	0.001147	0.364558	0.015724	0.001003	0.000009	187.693	40.844869	1.00132612	5.659E-12
15D04400	3.0 %		1.017404	0.001228	0.356608	0.018280	0.000920	0.000009	187.710	40.858878	1.00132625	4.847E-12
15D04401	3.2 %		0.950854	0.000903	0.340084	0.010842	0.000731	0.000006	187.719	40.866165	1.00132631	7.670E-12
15D04402	3.4 %		0.927449	0.000988	0.323078	0.013823	0.000647	0.000006	187.728	40.873452	1.00132637	5.948E-12
15D04404	3.6 %	✓	0.890865	0.000796	0.309841	0.008501	0.000534	0.000005	187.747	40.888032	1.00132650	8.937E-12
15D04405	3.9 %	✓	0.867713	0.000763	0.311045	0.007943	0.000459	0.000004	187.755	40.894763	1.00132656	9.587E-12
15D04406	4.2 %	✓	0.857522	0.000888	0.304460	0.012045	0.000432	0.000006	187.764	40.902055	1.00132662	6.098E-12
15D04408	4.5 %	✓	0.845638	0.000802	0.303630	0.009846	0.000399	0.000005	187.781	40.916084	1.00132675	7.509E-12
15D04409	4.8 %	✓	0.840602	0.000721	0.329951	0.007186	0.000388	0.000004	187.790	40.922819	1.00132680	1.048E-11
15D04410	5.1 %	✓	0.839574	0.000721	0.362192	0.007492	0.000388	0.000004	187.799	40.930117	1.00132687	1.042E-11
15D04412	5.4 %	✓	0.846797	0.000772	0.384068	0.009099	0.000425	0.000004	187.816	40.944155	1.00132699	8.257E-12
15D04413	5.8 %	✓	0.860572	0.000914	0.412347	0.013813	0.000471	0.000006	187.824	40.950895	1.00132705	6.006E-12
15D04414	6.2 %	✓	0.898293	0.000995	0.476700	0.014910	0.000611	0.000007	187.833	40.958198	1.00132711	5.491E-12
15D04416	6.8 %	✓	0.948165	0.001088	0.545017	0.016522	0.000792	0.000007	187.851	40.972246	1.00132724	5.127E-12
15D04417	7.4 %	✓	0.995760	0.001451	0.575904	0.023678	0.000973	0.000011	187.859	40.978990	1.00132730	3.677E-12
15D04418	8.2 %	✓	1.253907	0.001453	0.737317	0.020639	0.001873	0.000014	187.868	40.986298	1.00132736	5.481E-12
15D04420	9.1 %		1.603783	0.002002	0.920675	0.026336	0.003084	0.000019	187.885	41.000355	1.00132748	5.095E-12
15D04421	10.1 %		1.965499	0.003000	1.078794	0.043194	0.004476	0.000034	187.894	41.007105	1.00132754	4.018E-12
15D04422	11.2 %		3.014787	0.003328	1.860692	0.031439	0.008335	0.000039	187.903	41.014417	1.00132760	8.748E-12
15D04424	12.3 %		2.557801	0.003811	2.386053	0.047330	0.006997	0.000042	187.920	41.028484	1.00132773	4.890E-12
15D04425	13.5 %		2.870003	0.004425	3.384310	0.053847	0.008501	0.000049	187.928	41.035238	1.00132779	4.777E-12
15D04426	14.8 %		2.213932	0.005432	4.552075	0.081812	0.006741	0.000049	187.937	41.041993	1.00132784	2.477E-12
15D04428	16.2 %		1.605107	0.006623	10.145806	0.124461	0.006307	0.000065	187.954	41.056070	1.00132797	1.210E-12
15D04429	17.7 %		1.360958	0.013290	14.186129	0.262887	0.006798	0.000100	187.963	41.063391	1.00132803	4.871E-13
15D04430	19.8 %		1.267756	0.012915	24.985413	0.298928	0.009509	0.000117	187.972	41.070714	1.00132810	4.600E-13
15D04432	22.1 %		1.261873	0.021035	31.916287	0.512865	0.011223	0.000180	187.990	41.084800	1.00132822	2.776E-13
15D04433	24.5 %		1.293125	0.024363	34.716374	0.577588	0.011653	0.000216	187.999	41.092127	1.00132828	2.448E-13

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
15D04388	1.8 %	0.0077275 ± 0.0003771	0.0267329 ± 0.0302013	0.0816149 ± 0.0272191	0.0377162 ± 0.0251694	2.1740908 ± 0.0805954
15D04389	1.9 %	0.0075373 ± 0.0003771	0.0292390 ± 0.0302013	0.0899356 ± 0.0272191	0.0434502 ± 0.0251694	2.1843370 ± 0.0805954
15D04390	2.0 %	0.0073992 ± 0.0003771	0.0312292 ± 0.0302013	0.0966415 ± 0.0272191	0.0460861 ± 0.0251694	2.1896573 ± 0.0805954
15D04392	2.1 %	0.0072238 ± 0.0003771	0.0340652 ± 0.0302013	0.1067972 ± 0.0272191	0.0452280 ± 0.0251694	2.1905059 ± 0.0805954
15D04393	2.2 %	0.0071721 ± 0.0003771	0.0349975 ± 0.0302013	0.1106870 ± 0.0272191	0.0423919 ± 0.0251694	2.1870811 ± 0.0805954
15D04394	2.3 %	0.0071421 ± 0.0003771	0.0355546 ± 0.0302013	0.1136843 ± 0.0272191	0.0383566 ± 0.0251694	2.1816548 ± 0.0805954
15D04396	2.4 %	0.0071331 ± 0.0003771	0.0355649 ± 0.0302013	0.1170913 ± 0.0272191	0.0282869 ± 0.0251694	2.1671524 ± 0.0805954
15D04397	2.6 %	0.0071462 ± 0.0003771	0.0350744 ± 0.0302013	0.1176895 ± 0.0272191	0.0228232 ± 0.0251694	2.1589466 ± 0.0805954
15D04398	2.8 %	0.0071695 ± 0.0003771	0.0341939 ± 0.0302013	0.1176324 ± 0.0272191	0.0167909 ± 0.0251694	2.1496580 ± 0.0805954
15D04400	3.0 %	0.0072267 ± 0.0003771	0.0317465 ± 0.0302013	0.1158727 ± 0.0272191	0.0062781 ± 0.0251694	2.1328439 ± 0.0805954
15D04401	3.2 %	0.0072608 ± 0.0003771	0.0300529 ± 0.0302013	0.1141983 ± 0.0272191	0.0012262 ± 0.0251694	2.1243978 ± 0.0805954
15D04402	3.4 %	0.0072958 ± 0.0003771	0.0280903 ± 0.0302013	0.1120615 ± 0.0272191	0.0033800 ± 0.0251694	2.1163900 ± 0.0805954
15D04404	3.6 %	0.0073633 ± 0.0003771	0.0234297 ± 0.0302013	0.1065855 ± 0.0272191	0.0108614 ± 0.0251694	2.1022558 ± 0.0805954
15D04405	3.9 %	0.0073913 ± 0.0003771	0.0209846 ± 0.0302013	0.1036029 ± 0.0272191	0.0133998 ± 0.0251694	2.0967729 ± 0.0805954
15D04406	4.2 %	0.0074184 ± 0.0003771	0.0181561 ± 0.0302013	0.1001112 ± 0.0272191	0.0154272 ± 0.0251694	2.0916735 ± 0.0805954
15D04408	4.5 %	0.0074583 ± 0.0003771	0.0122886 ± 0.0302013	0.0928264 ± 0.0272191	0.0171031 ± 0.0251694	2.0844719 ± 0.0805954
15D04409	4.8 %	0.0074711 ± 0.0003771	0.0093225 ± 0.0302013	0.0891568 ± 0.0272191	0.0168510 ± 0.0251694	2.0822506 ± 0.0805954
15D04410	5.1 %	0.0074801 ± 0.0003771	0.0060399 ± 0.0302013	0.0851256 ± 0.0272191	0.0158175 ± 0.0251694	2.0807233 ± 0.0805954
15D04412	5.4 %	0.0074833 ± 0.0003771	0.0003453 ± 0.0302013	0.0774276 ± 0.0272191	0.0117340 ± 0.0251694	2.0801494 ± 0.0805954
15D04413	5.8 %	0.0074787 ± 0.0003771	0.0033788 ± 0.0302013	0.0738627 ± 0.0272191	0.0088883 ± 0.0251694	2.0808304 ± 0.0805954
15D04414	6.2 %	0.0074698 ± 0.0003771	0.0065907 ± 0.0302013	0.0701756 ± 0.0272191	0.0052516 ± 0.0251694	2.0821215 ± 0.0805954
15D04416	6.8 %	0.0074439 ± 0.0003771	0.0123880 ± 0.0302013	0.0638375 ± 0.0272191	0.0029955 ± 0.0251694	2.0856604 ± 0.0805954
15D04417	7.4 %	0.0074291 ± 0.0003771	0.0149127 ± 0.0302013	0.0612634 ± 0.0272191	0.0073346 ± 0.0251694	2.0875387 ± 0.0805954
15D04418	8.2 %	0.0074125 ± 0.0003771	0.0173968 ± 0.0302013	0.0589054 ± 0.0272191	0.0121377 ± 0.0251694	2.0894367 ± 0.0805954
15D04420	9.1 %	0.0073848 ± 0.0003771	0.0212451 ± 0.0302013	0.0558958 ± 0.0272191	0.0210702 ± 0.0251694	2.0917704 ± 0.0805954
15D04421	10.1 %	0.0073762 ± 0.0003771	0.0225627 ± 0.0302013	0.0552921 ± 0.0272191	0.0248988 ± 0.0251694	2.0917953 ± 0.0805954
15D04422	11.2 %	0.0073725 ± 0.0003771	0.0235290 ± 0.0302013	0.0553499 ± 0.0272191	0.0284528 ± 0.0251694	2.0906311 ± 0.0805954
15D04424	12.3 %	0.0073896 ± 0.0003771	0.0238126 ± 0.0302013	0.0578331 ± 0.0272191	0.0327100 ± 0.0251694	2.0836382 ± 0.0805954
15D04425	13.5 %	0.0074130 ± 0.0003771	0.0231021 ± 0.0302013	0.0602733 ± 0.0272191	0.0331207 ± 0.0251694	2.0774138 ± 0.0805954
15D04426	14.8 %	0.0074491 ± 0.0003771	0.0217691 ± 0.0302013	0.0636142 ± 0.0272191	0.0321780 ± 0.0251694	2.0688860 ± 0.0805954
15D04428	16.2 %	0.0075742 ± 0.0003771	0.0167456 ± 0.0302013	0.0737685 ± 0.0272191	0.0248385 ± 0.0251694	2.0421721 ± 0.0805954
15D04429	17.7 %	0.0076716 ± 0.0003771	0.0127940 ± 0.0302013	0.0809226 ± 0.0272191	0.0175519 ± 0.0251694	2.0226010 ± 0.0805954
15D04430	19.8 %	0.0077954 ± 0.0003771	0.0078247 ± 0.0302013	0.0894790 ± 0.0272191	0.0074455 ± 0.0251694	1.9984739 ± 0.0805954
15D04432	22.1 %	0.0081203 ± 0.0003771	0.0048892 ± 0.0302013	0.1102223 ± 0.0272191	0.0212593 ± 0.0251694	1.9372508 ± 0.0805954
15D04433	24.5 %	0.0083414 ± 0.0003771	0.0133023 ± 0.0302013	0.1234238 ± 0.0272191	0.0417455 ± 0.0251694	1.8965951 ± 0.0805954

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)
15D04388	1.8 %	0.0955155 ± 0.0007161	0.0003	EXP 150 of 150	0.2459486 ± 0.0296319	0.0148	EXP 150 of 150	0.2310876 ± 0.0265214	0.0024	EXP 150 of 150	28.8386297 ± 0.0258020	0.9813	EXP 150 of 150	54.2457592 ± 0.0333292	0.9540	EXP 150 of 150
15D04389	1.9 %	0.0993443 ± 0.0007056	0.0005	EXP 150 of 150	0.4133806 ± 0.0305190	0.0339	EXP 150 of 150	0.3392442 ± 0.0283034	0.0001	EXP 150 of 150	37.8884479 ± 0.0289700	0.9867	EXP 150 of 150	61.4993367 ± 0.0305250	0.9285	EXP 149 of 150
15D04390	2.0 %	0.1080575 ± 0.0007748	0.0000	EXP 149 of 150	0.4130222 ± 0.0301250	0.0009	EXP 150 of 150	0.4410797 ± 0.0268042	0.0043	EXP 150 of 150	46.4414400 ± 0.0301175	0.9900	EXP 150 of 150	70.8622500 ± 0.0353975	0.7769	EXP 150 of 150
15D04392	2.1 %	0.0868377 ± 0.0006745	0.0057	EXP 150 of 150	0.3777762 ± 0.0293853	0.0036	EXP 150 of 150	0.3678337 ± 0.0252229	0.0063	EXP 150 of 150	40.3660236 ± 0.0268850	0.9899	EXP 150 of 150	58.5472515 ± 0.0293747	0.9387	EXP 150 of 150
15D04393	2.2 %	0.0787087 ± 0.0006166	0.0228	EXP 149 of 150	0.3841593 ± 0.0285735	0.0185	EXP 150 of 150	0.3702934 ± 0.0275925	0.0170	EXP 150 of 150	40.1628409 ± 0.0296168	0.9874	EXP 150 of 150	55.8464854 ± 0.0324885	0.9380	EXP 150 of 150
15D04394	2.3 %	0.0854686 ± 0.0007180	0.0045	EXP 150 of 150	0.4996708 ± 0.0311435	0.0055	EXP 150 of 150	0.5011925 ± 0.0299605	0.0006	EXP 150 of 150	53.6709511 ± 0.0318304	0.9920	EXP 150 of 150	67.9621474 ± 0.0331768	0.8121	EXP 150 of 150
15D04396	2.4 %	0.0884404 ± 0.0007254	0.0009	EXP 150 of 150	0.5281233 ± 0.0290253	0.0150	EXP 150 of 150	0.6460089 ± 0.0251622	0.0576	EXP 150 of 150	60.2943518 ± 0.0281861	0.9950	EXP 150 of 150	73.4276472 ± 0.0317974	0.6822	EXP 149 of 150
15D04397	2.6 %	0.0774829 ± 0.0007323	0.0349	EXP 150 of 150	0.5024933 ± 0.0286866	0.0033	EXP 150 of 150	0.5923232 ± 0.0287093	0.0189	EXP 150 of 150	57.7794936 ± 0.0310065	0.9934	EXP 150 of 150	67.8480245 ± 0.0326916	0.8149	EXP 150 of 150
15D04398	2.8 %	0.1146786 ± 0.0008599	0.0063	EXP 150 of 150	0.9563965 ± 0.0296723	0.0550	EXP 150 of 150	1.1867890 ± 0.0277126	0.0491	EXP 150 of 150	112.3024321 ± 0.0315394	0.9982	EXP 150 of 150	120.3886522 ± 0.0368982	0.9468	EXP 150 of 150
15D04400	3.0 %	0.0936946 ± 0.0007350	0.0194	EXP 150 of 150	0.8175667 ± 0.0309678	0.0435	EXP 150 of 150	1.0967347 ± 0.0300526	0.1207	EXP 150 of 150	98.4745869 ± 0.0319687	0.9976	EXP 150 of 150	103.4141327 ± 0.0366970	0.8385	EXP 150 of 150
15D04401	3.2 %	0.1235787 ± 0.0007577	0.0277	EXP 150 of 150	1.3410468 ± 0.0305863	0.0577	EXP 150 of 150	1.8368199 ± 0.0252320	0.1859	EXP 150 of 150	166.7370284 ± 0.0346416	0.9990	EXP 150 of 150	162.3872343 ± 0.0394532	0.9859	EXP 150 of 150
15D04402	3.4 %	0.0891799 ± 0.0006641	0.0243	EXP 150 of 150	1.0073323 ± 0.0318494	0.0328	EXP 150 of 150	1.4236248 ± 0.0300268	0.0315	EXP 150 of 150	132.5717439 ± 0.0326534	0.9986	EXP 150 of 150	126.4000657 ± 0.0382146	0.9531	EXP 150 of 150
15D04404	3.6 %	0.1129091 ± 0.0007478	0.0253	EXP 149 of 150	1.5291136 ± 0.0286645	0.0401	EXP 149 of 150	2.3079645 ± 0.0259637	0.2416	EXP 150 of 150	207.3539441 ± 0.0383381	0.9992	EXP 150 of 150	188.8198946 ± 0.0378203	0.9930	EXP 150 of 150
15D04405	3.9 %	0.1074952 ± 0.0008410	0.0391	EXP 150 of 150	1.6954541 ± 0.0301729	0.1308	EXP 150 of 150	2.5892626 ± 0.0269245	0.3194	EXP 150 of 150	228.3947329 ± 0.0414503	0.9993	EXP 150 of 150	202.4150790 ± 0.0415391	0.9929	EXP 150 of 150
15D04406	4.2 %	0.0679634 ± 0.0006570	0.1880	EXP 150 of 150	1.0629097 ± 0.0296280	0.0247	EXP 150 of 150	1.6615129 ± 0.0272941	0.1714	EXP 150 of 150	146.9945512 ± 0.0314263	0.9990	EXP 150 of 150	129.4963031 ± 0.0349356	0.9627	EXP 150 of 150
15D04408	4.5 %	0.0773828 ± 0.0006738	0.1685	EXP 150 of 150	1.3336088 ± 0.0305258	0.0179	EXP 150 of 150	2.0500833 ± 0.0282018	0.1349	EXP 150 of 150	183.5653230 ± 0.0360735	0.9991	EXP 150 of 150	158.9830274 ± 0.0370019	0.9867	EXP 150 of 150
15D04409	4.8 %	0.1028996 ± 0.0008440	0.0956	EXP 150 of 150	2.0439825 ± 0.0307623	0.1209	EXP 150 of 150	2.9617421 ± 0.0280356	0.2899	EXP 150 of 150	257.7422720 ± 0.0403393	0.9994	EXP 150 of 150	221.0759801 ± 0.0455734	0.9938	EXP 150 of 150
15D04410	5.1 %	0.1025330 ± 0.0007857	0.1417	EXP 149 of 150	2.2376698 ± 0.0327557	0.2069	EXP 150 of 150	3.0060814 ± 0.0261171	0.3464	EXP 150 of 150	256.6171173 ± 0.0430296	0.9994	EXP 150 of 150	219.8527654 ± 0.0431914	0.9943	EXP 150 of 150
15D04412	5.4 %	0.0891550 ± 0.0007372	0.1141	EXP 150 of 150	1.8684769 ± 0.0304854	0.1339	EXP 149 of 150	2.3342073 ± 0.0266292	0.2386	EXP 150 of 150	201.5601943 ± 0.0344844	0.9993	EXP 150 of 150	174.6016280 ± 0.0368945	0.9909	EXP 150 of 150
15D04413	5.8 %	0.0722509 ± 0.0006553	0.1642	EXP 150 of 150	1.4387808 ± 0.0364760	0.0295	EXP 150 of 150	1.6035875 ± 0.0271399	0.0971	EXP 150 of 150	144.2741829 ± 0.0372325	0.9985	EXP 150 of 150	127.5777785 ± 0.0390027	0.9500	EXP 149 of 150
15D04414	6.2 %	0.0810820 ± 0.0006858	0.0699	EXP 150 of 150	1.4595641 ± 0.0328969	0.0784	EXP 150 of 150	1.4467220 ± 0.0297685	0.0936	EXP 150 of 150	126.3455504 ± 0.0343732	0.9983	EXP 150 of 150	116.8034200 ± 0.0357235	0.9380	EXP 150 of 150
15D04416	6.8 %	0.0918855 ± 0.0006555	0.0114	EXP 150 of 150	1.4814441 ± 0.0315978	0.0877	EXP 150 of 150	1.2193980 ± 0.0293053	0.0334	EXP 150 of 150	111.7620856 ± 0.0329923	0.9980	EXP 150 of 150	109.2065722 ± 0.0322333	0.9265	EXP 150 of 150
15D04417	7.4 %	0.0783060 ± 0.0006826	0.0633	EXP 150 of 150	1.0747787 ± 0.0308010	0.0030	EXP 150 of 150	0.8069747 ± 0.0276684	0.0184	EXP 149 of 150	76.3147280 ± 0.0346094	0.9953	EXP 150 of 150	78.9101493 ± 0.0330602	0.2637	EXP 150 of 150
15D04418	8.2 %	0.1688297 ± 0.0010151	0.1474	EXP 149 of 150	1.6232970 ± 0.0319619	0.0659	EXP 149 of 150	0.9929015 ± 0.0274718	0.0032	EXP 150 of 150	90.3301434 ± 0.0324712	0.9970	EXP 150 of 150	116.5986970 ± 0.0392268	0.9365	EXP 150 of 150
15D04420	9.1 %	0.2005727 ± 0.0009872	0.2614	EXP 150 of 150	1.4783376 ± 0.0274442	0.1211	EXP 150 of 150	0.7939728 ± 0.0291233	0.0609	EXP 150 of 150	65.6473052 ± 0.0291897	0.9954	EXP 150 of 150	108.5517151 ± 0.0365723	0.9349	EXP 150 of 150
15D04421	10.1 %	0.1878051 ± 0.0011825	0.3196	EXP 150 of 150	1.1210124 ± 0.0313175	0.0405	EXP 150 of 150	0.4925150 ± 0.0290988	0.0129	EXP 150 of 150	42.2311528 ± 0.0266252	0.9907	EXP 150 of 150	86.0467468 ± 0.0307293	0.6506	EXP 150 of 150
15D04422	11.2 %	0.4842976 ± 0.0016478	0.7574	EXP 150 of 150	2.7122273 ± 0.0300992	0.2533	EXP 150 of 150	0.8382404 ± 0.0259890	0.0805	EXP 150 of 150	59.9495587 ± 0.0304610	0.9941	EXP 150 of 150	184.8725561 ± 0.0473377	0.9912	EXP 150 of 150
15D04424	12.3 %	0.2711725 ± 0.0012995	0.5257	EXP 150 of 150	2.2946919 ± 0.0306416	0.1129	EXP 150 of 150	0.4886956 ± 0.0261083	0.0000	EXP 150 of 150	39.4846030 ± 0.0294667	0.9872	EXP 150 of 150	104.2572572 ± 0.0344611	0.9300	EXP 150 of 150
15D04425	13.5 %	0.2864419 ± 0.0012979	0.5959	EXP 150 of 150	2.8268922 ± 0.0283859	0.1895	EXP 150 of 150	0.5183051 ± 0.0262538	0.0598	EXP 150 of 150	34.3717764 ± 0.0248621	0.9879	EXP 150 of 150	101.8904192 ± 0.0379821	0.9040	EXP 150 of 150
15D04426	14.8 %	0.1561929 ± 0.0008768	0.2935	EXP 150 of 150	2.5564042 ± 0.0304917	0.1579	EXP 150 of 150	0.3103198 ± 0.0247026	0.0282	EXP 150 of 150	23.0949835 ± 0.0288278	0.9635	EXP 150 of 150	53.8261470 ± 0.0299365	0.9284	EXP 150 of 150
15D04428	16.2 %	0.1013425 ± 0.0008202	0.0358	EXP 150 of 150	3.8222317 ± 0.0265782	0.4253	EXP 150 of 150	0.2072391 ± 0.0286334	0.0224	EXP 150 of 150	15.5595148 ± 0.0248150	0.9404	EXP 150 of 150	27.3280207 ± 0.0276939	0.9851	EXP 150 of 150
15D04429	17.7 %	0.0556532 ± 0.0005262	0.0613	EXP 150 of 150	2.5384199 ± 0.0302723	0.1396	EXP 150 of 150	0.0356806 ± 0.0259451	0.0035	EXP 150 of 150	7.3810174 ± 0.0251944	0.7673	EXP 150 of 150	12.2009469 ± 0.0304875	0.9891	EXP 150 of 150
15D04430	19.8 %	0.0758387 ± 0.0006398	0.0002	EXP 150 of 150	4.5165389 ± 0.0288055	0.3824	EXP 149 of 150	0.0446122 ± 0.0297817	0.0096	EXP 150 of 150	7.4929852 ± 0.0266329	0.7177	EXP 150 of 150	11.6103146 ± 0.0289589	0.9904	EXP 150 of 150
15D04432	22.1 %	0.0568119 ± 0.0005539	0.0103	EXP 150 of 150	3.4857500 ± 0.0330979	0.2569	EXP 149 of 150	0.0130872 ± 0.0265241	0.0001	EXP 150 of 150	4.5686419 ± 0.0245835	0.5086	EXP 150 of 150	7.7377061 ± 0.0286643	0.9911	EXP 150 of 150
15D04433	24.5 %	0.0518391 ± 0.0005872	0.1153	EXP 150 of 150	3.2528315 ± 0.0290645	0.3577	EXP 150 of 150	0.0346183 ± 0.0266732	0.0015	EXP 150 of 150	3.9541696 ± 0.0238405	0.5279	EXP 150 of 150	7.0107195 ± 0.0268442	0.9922	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
15D04388	1.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04389	1.9 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04390	2.0 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04392	2.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04393	2.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04394	2.3 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04396	2.4 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04397	2.6 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04398	2.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04400	3.0 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04401	3.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04402	3.4 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04404	3.6 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04405	3.9 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04406	4.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04408	4.5 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04409	4.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04410	5.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04412	5.4 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04413	5.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04414	6.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04416	6.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04417	7.4 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04418	8.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04420	9.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04421	10.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04422	11.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04424	12.3 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04425	13.5 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04426	14.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04428	16.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04429	17.7 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04430	19.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04432	22.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	01
15D04433	24.5 %	Kevin Konrad	14-OSU-04	0.00	0.00	41.56	rench Polynesia\Marquesas (14-INT-0€	15D04387	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
15D04388	1.8 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	6	20	1
15D04389	1.9 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	6	35	1
15D04390	2.0 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	6	49	1
15D04392	2.1 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	7	16	1
15D04393	2.2 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	7	30	1
15D04394	2.3 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	7	44	1
15D04396	2.4 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	8	11	1
15D04397	2.6 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	8	24	1
15D04398	2.8 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	8	38	1
15D04400	3.0 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	9	3	1
15D04401	3.2 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	9	16	1
15D04402	3.4 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	9	29	1
15D04404	3.6 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	9	55	1
15D04405	3.9 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	10	7	1
15D04406	4.2 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	10	20	1
15D04408	4.5 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	10	45	1
15D04409	4.8 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	10	57	1
15D04410	5.1 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	11	10	1
15D04412	5.4 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	11	35	1
15D04413	5.8 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	11	47	1
15D04414	6.2 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	12	0	1
15D04416	6.8 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	12	25	1
15D04417	7.4 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	12	37	1
15D04418	8.2 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	12	50	1
15D04420	9.1 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	13	15	1
15D04421	10.1 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	13	27	1
15D04422	11.2 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	13	40	1
15D04424	12.3 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	14	5	1
15D04425	13.5 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	14	17	1
15D04426	14.8 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	14	29	1
15D04428	16.2 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	14	54	1
15D04429	17.7 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	15	7	1
15D04430	19.8 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	15	20	1
15D04432	22.1 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	15	45	1
15D04433	24.5 %	HO-AT-04	Groundmass	Marquesas Islands	CT-NM (R98) (4C23-14	28.201	0.082	Kuiper et al (2008)	9.71387	0.122	0.00161804	0.122	303.449	0.176	0.99344266	0.072	1	4.8E-14	10	FEB	2015	15	58	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
15D04388	1.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04389	1.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04390	2.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04392	2.1 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04393	2.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04394	2.3 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04396	2.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04397	2.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04398	2.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04400	3.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04401	3.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04402	3.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04404	3.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04405	3.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04406	4.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04408	4.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04409	4.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04410	5.1 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04412	5.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04413	5.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04414	6.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04416	6.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04417	7.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04418	8.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04420	9.1 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04421	10.1 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04422	11.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04424	12.3 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04425	13.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04426	14.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04428	16.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04429	17.7 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04430	19.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04432	22.1 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0
15D04433	24.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.000673	0	0.0000139	0	0.000264	0	0.00101	0	0.01138	0	0	0	0.43	0	0	0	0	0

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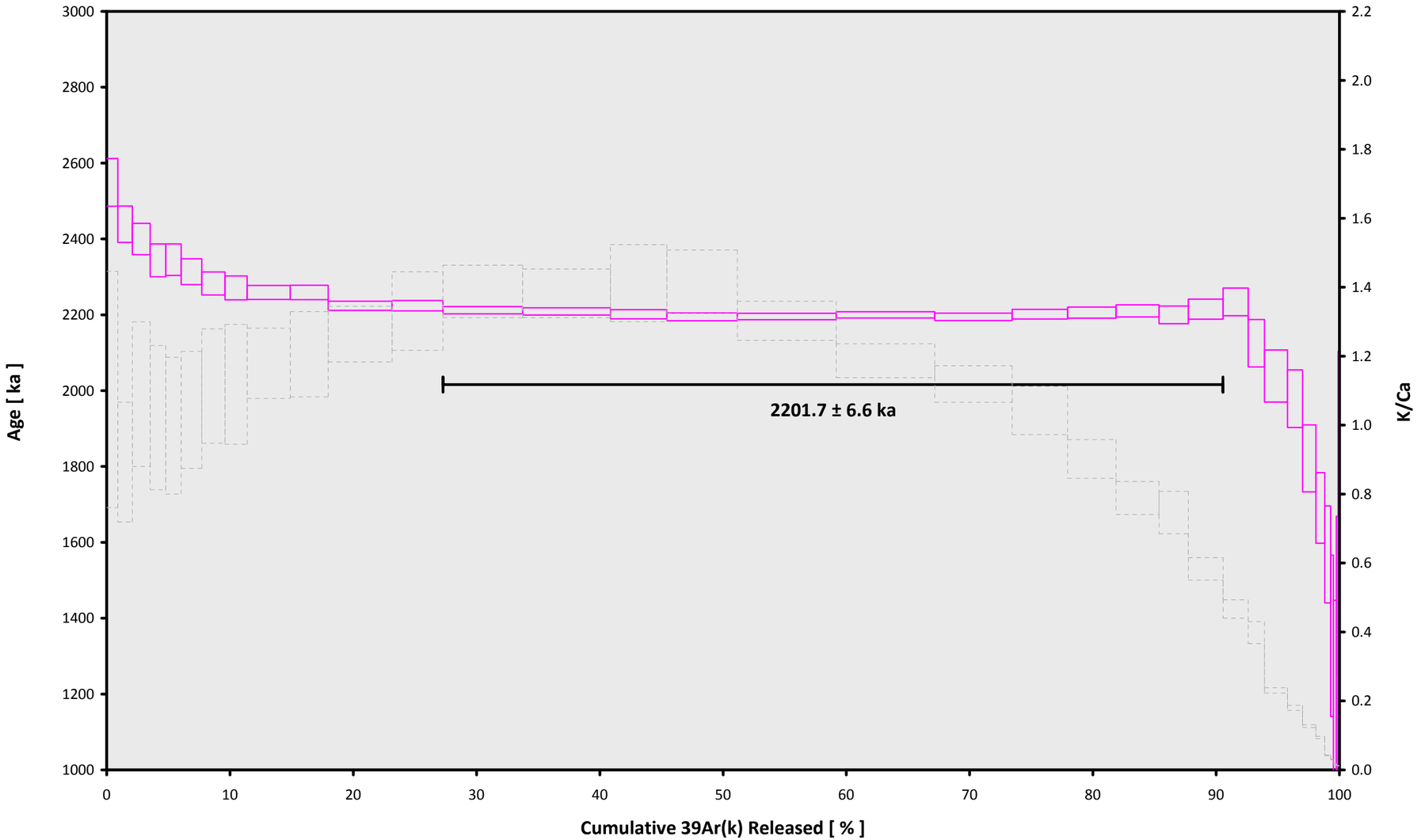

Ar-Ages in ka

WEIGHTED PLATEAU
2201.7 ± 6.6
TOTAL FUSION
2202.0 ± 6.6
NORMAL ISOCHRON
2193.9 ± 9.7
INVERSE ISOCHRON
2194.7 ± 9.7

MSWD (PROBABILITY)
1.46 (14%)

Sample Info

Groundmass
Marquesas Islands
Kevin Konrad

IRR = 14-OSU-04 (R98)
J = 0.00161804 ± 0.00000197

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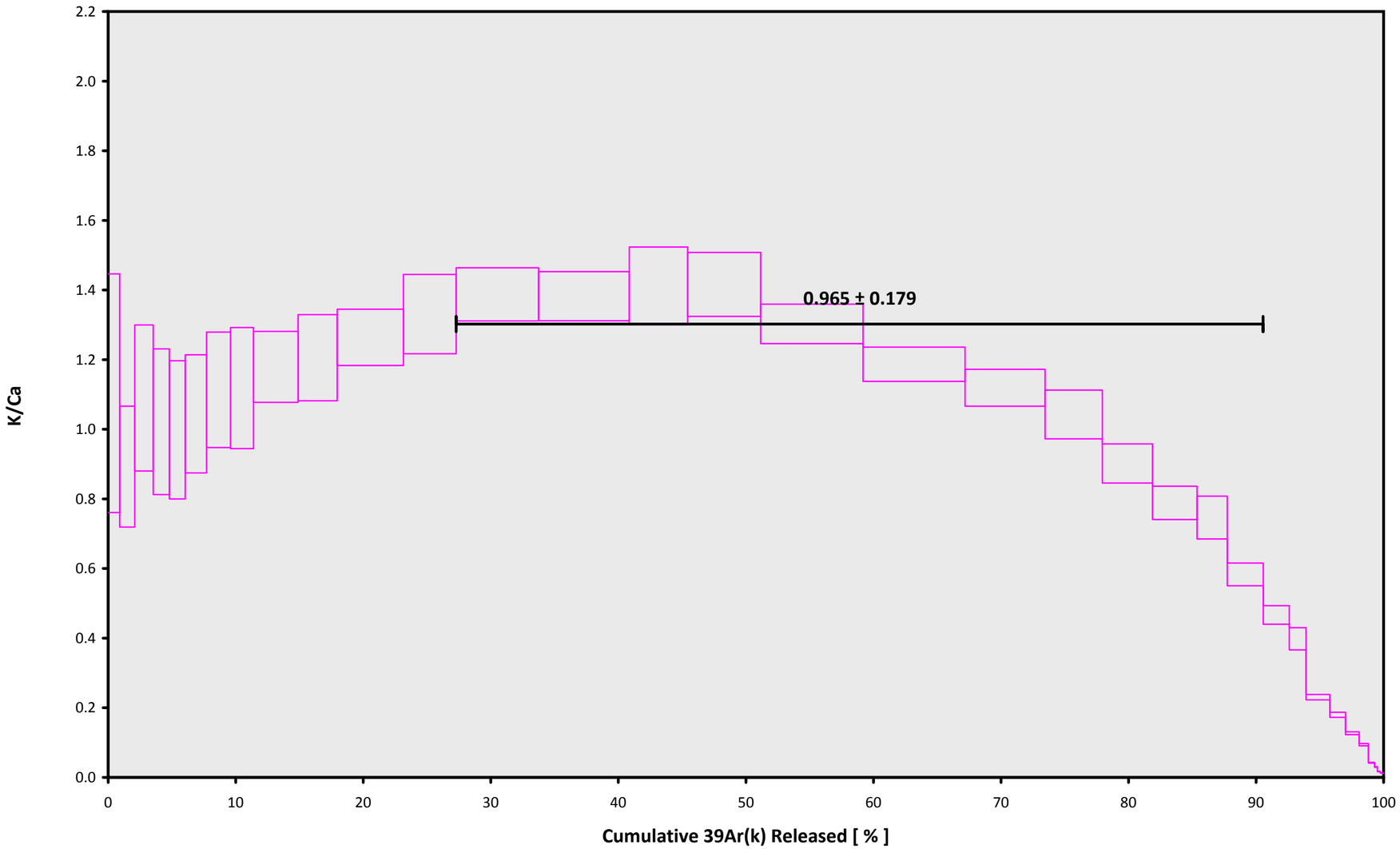

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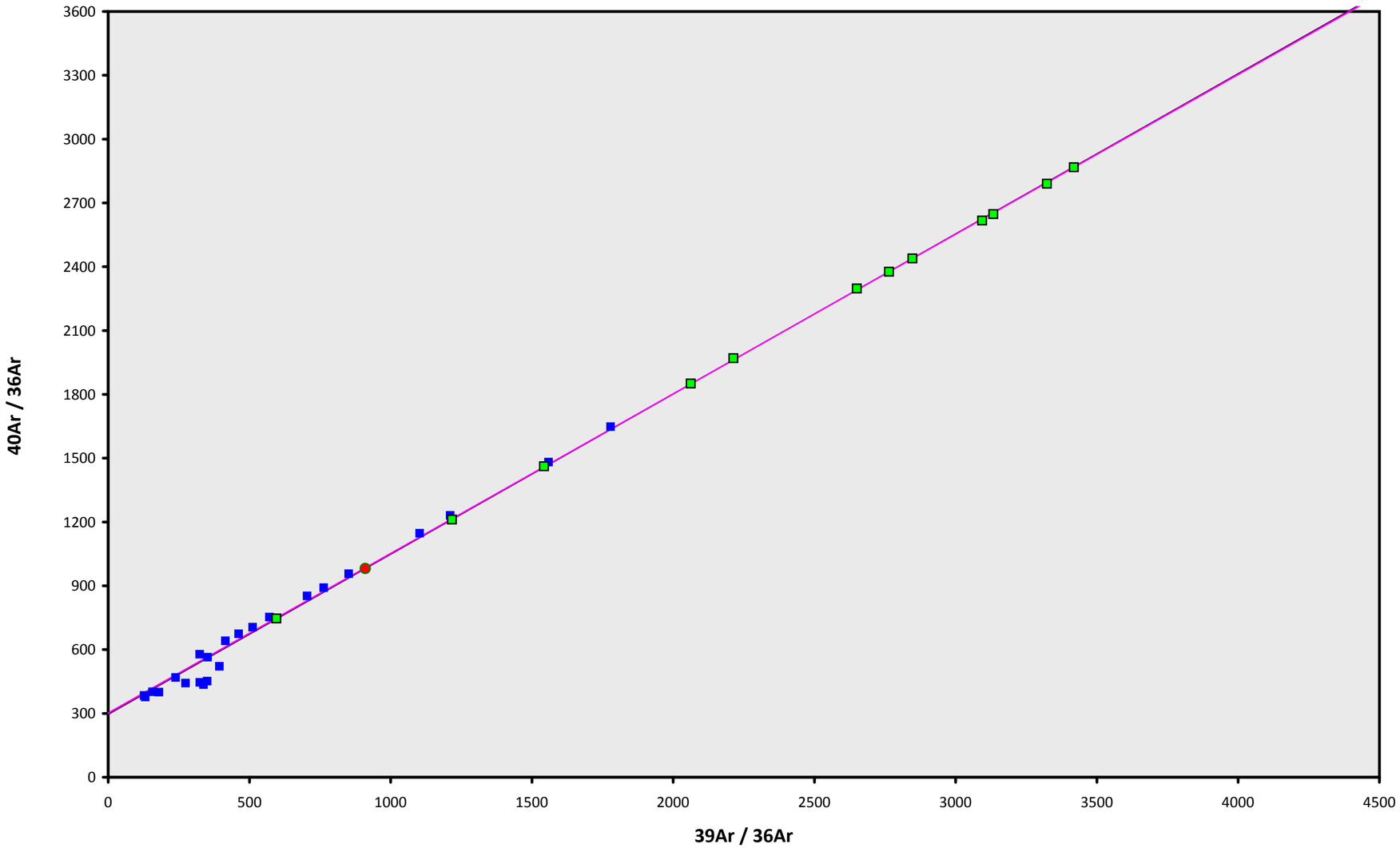

Ar-Ages in ka

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2201.7 ± 6.6
TOTAL FUSION
2202.0 ± 6.6
NORMAL ISOCHRON
2193.9 ± 9.7
INVERSE ISOCHRON
2194.7 ± 9.7

MSWD (PROBABILITY)
1.15 (32%)

40AR/36AR INTERCEPT
302.1 ± 6.3

Sample Info

Groundmass
Marquesas Islands
Kevin Konrad

IRR = 14-OSU-04 (R98)
J = 0.00161804 ± 0.00000197

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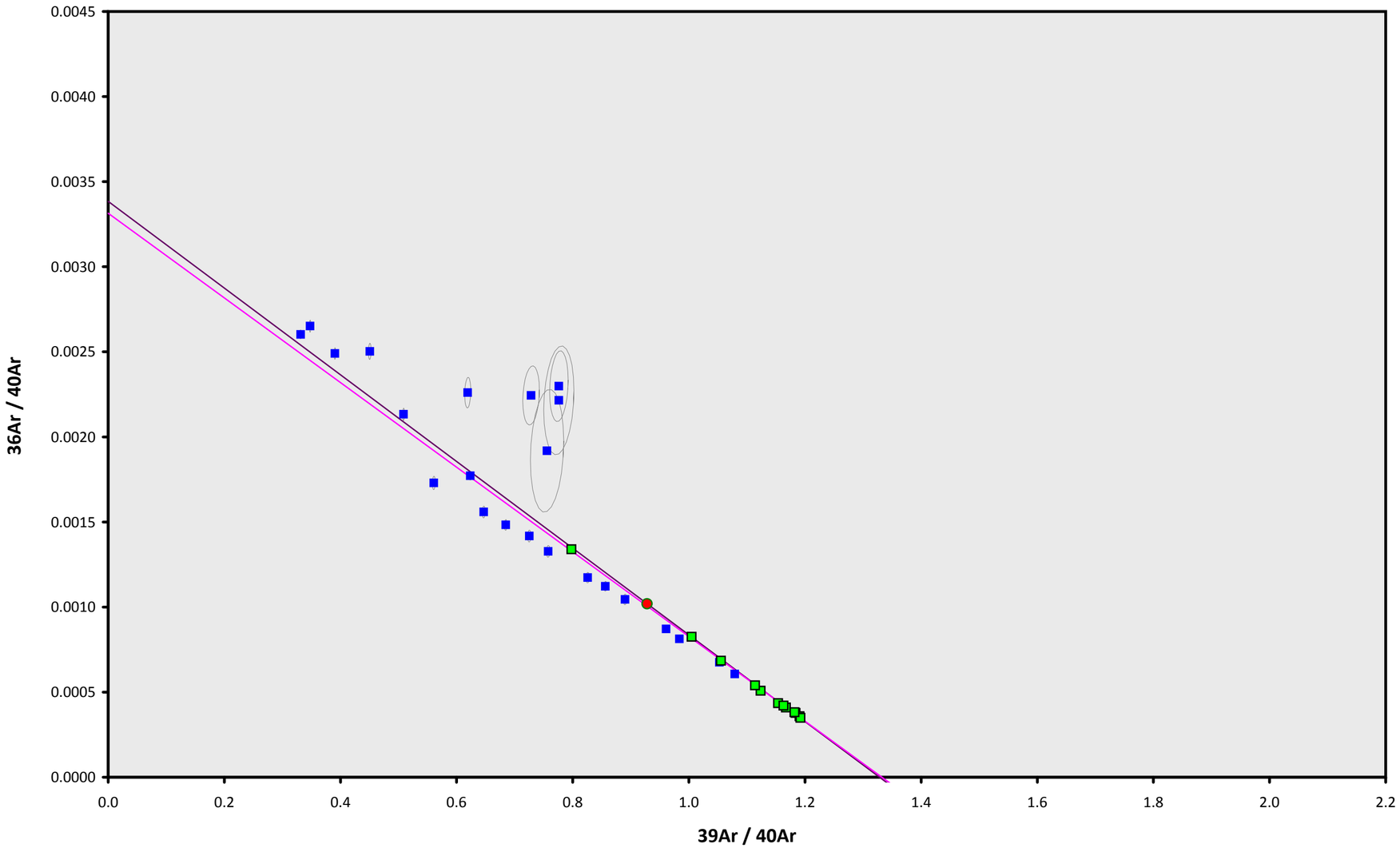
15D04387.AGE >>> HO-AT-04 >>> FRENCH POLYNESIA | MARQUESAS (14-INT-06) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU
2201.7 ± 6.6
TOTAL FUSION
2202.0 ± 6.6
NORMAL ISOCHRON
2193.9 ± 9.7
INVERSE ISOCHRON
2194.7 ± 9.7

MSWD (PROBABILITY)
1.15 (32%)

SPREADING FACTOR
29.6%

40AR/36AR INTERCEPT
301.7 ± 6.4

Sample Info

Groundmass
Marquesas Islands
Kevin Konrad

IRR = 14-OSU-04 (R98)
J = 0.00161804 ± 0.00000197