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
15D04294	1.8 %		0.0795140	1.289	22.5448	7.784	0.339658	12.241	26.6959	0.159	52.1970	0.283	1.14069 ± 0.02750	3296.5 ± 79.4	58.31	1.17	0.509 ± 0.079
15D04295	1.9 %		0.0670856	1.409	25.6987	6.614	0.346710	11.465	29.7769	0.150	49.2610	0.299	1.05552 ± 0.02324	3050.6 ± 67.1	63.77	1.30	0.498 ± 0.066
15D04296	2.0 %		0.0565925	1.650	24.2456	7.210	0.373163	10.425	30.5164	0.148	45.1493	0.326	0.99306 ± 0.02257	2870.2 ± 65.2	67.08	1.33	0.541 ± 0.078
15D04298	2.1 %		0.0455463	2.078	24.4726	6.960	0.412842	9.573	30.0230	0.147	41.0008	0.358	0.98067 ± 0.02302	2834.4 ± 66.5	71.77	1.31	0.527 ± 0.073
15D04299	2.2 %		0.0470684	1.937	25.0954	6.887	0.405071	9.644	34.8722	0.135	44.8960	0.326	0.94419 ± 0.01940	2729.0 ± 56.0	73.30	1.52	0.597 ± 0.082
15D04300	2.3 %		0.0331804	2.533	22.5215	7.635	0.338337	11.485	28.8897	0.148	36.0032	0.408	0.96717 ± 0.02222	2795.4 ± 64.2	77.57	1.26	0.551 ± 0.084
15D04302	2.4 %		0.0280081	2.968	19.8332	8.473	0.331676	11.524	27.0092	0.160	32.3915	0.451	0.94966 ± 0.02349	2744.8 ± 67.9	79.15	1.18	0.585 ± 0.099
15D04303	2.6 %		0.0471806	1.890	37.2879	4.714	0.574309	6.597	50.9084	0.107	58.9970	0.250	0.94162 ± 0.01319	2721.6 ± 38.1	81.21	2.22	0.587 ± 0.055
15D04304	2.8 %		0.0497113	1.871	42.8475	4.011	0.779451	4.952	64.4456	0.096	71.5275	0.205	0.93328 ± 0.01068	2697.5 ± 30.9	84.05	2.81	0.646 ± 0.052
15D04306	3.0 %		0.0482727	1.841	44.6784	3.816	0.846029	4.644	75.1356	0.091	80.1362	0.183	0.92245 ± 0.00892	2666.3 ± 25.8	86.45	3.28	0.723 ± 0.055
15D04307	3.2 %		0.0496777	1.888	53.8946	3.170	1.065821	3.519	90.5566	0.085	93.7792	0.156	0.91930 ± 0.00769	2657.2 ± 22.2	88.73	3.95	0.722 ± 0.046
15D04308	3.4 %		0.0440243	1.969	52.3916	3.382	1.085495	3.740	94.2015	0.086	95.1033	0.155	0.91420 ± 0.00710	2642.4 ± 20.5	90.52	4.11	0.773 ± 0.052
15D04310	3.6 %		0.0346888	2.514	44.2885	4.190	1.017830	3.951	82.8829	0.088	82.0051	0.179	0.90681 ± 0.00813	2621.1 ± 23.5	91.62	3.62	0.804 ± 0.067
15D04311	3.9 %		0.0491592	1.809	66.8804	2.662	1.476625	2.771	130.3991	0.081	127.2649	0.116	0.90388 ± 0.00530	2612.6 ± 15.3	92.58	5.69	0.838 ± 0.045
15D04312	4.2 %		0.0467360	1.948	67.9249	2.633	1.540732	2.562	135.4454	0.079	130.7359	0.113	0.90168 ± 0.00518	2606.3 ± 15.0	93.38	5.91	0.857 ± 0.045
15D04314	4.5 %		0.0315340	2.819	52.5142	3.303	1.308451	3.046	113.1872	0.084	107.6294	0.137	0.90405 ± 0.00603	2613.1 ± 17.4	95.04	4.94	0.927 ± 0.061
15D04315	4.8 %	✓	0.0347885	2.473	57.3793	3.061	1.410117	2.715	119.5322	0.081	112.9660	0.131	0.89583 ± 0.00562	2589.4 ± 16.2	94.76	5.22	0.895 ± 0.055
15D04316	5.1 %	✓	0.0480334	1.884	87.2256	2.147	2.116053	1.879	176.2212	0.077	166.2089	0.089	0.90060 ± 0.00409	2603.1 ± 11.8	95.45	7.69	0.868 ± 0.037
15D04318	5.4 %	✓	0.0269816	3.041	48.8567	3.593	1.251603	3.076	105.2834	0.083	98.6046	0.149	0.89635 ± 0.00616	2590.9 ± 17.8	95.68	4.60	0.926 ± 0.067
15D04319	5.8 %	✓	0.0331747	2.743	58.5066	3.130	1.415233	2.846	119.3929	0.081	112.4572	0.132	0.89735 ± 0.00586	2593.8 ± 16.9	95.24	5.21	0.877 ± 0.055
15D04320	6.2 %	✓	0.0375724	2.290	63.2600	2.760	1.504780	2.496	123.9272	0.081	117.4570	0.126	0.89739 ± 0.00543	2593.9 ± 15.7	94.65	5.41	0.842 ± 0.047
15D04322	6.8 %	✓	0.0493080	1.787	72.1391	2.545	1.518211	2.600	128.9895	0.080	124.2579	0.119	0.89335 ± 0.00534	2582.2 ± 15.4	92.70	5.63	0.769 ± 0.039
15D04323	7.4 %	✓	0.0486362	1.887	65.2277	2.756	1.239796	3.401	102.9005	0.085	101.9020	0.145	0.89951 ± 0.00677	2600.0 ± 19.5	90.79	4.49	0.678 ± 0.037
15D04324	8.2 %	✓	0.0694244	1.454	69.1163	2.598	1.071787	3.874	90.9316	0.088	96.6837	0.152	0.89642 ± 0.00810	2591.1 ± 23.4	84.27	3.97	0.565 ± 0.029
15D04326	9.1 %	✓	0.1172683	0.972	76.0916	2.254	0.965180	3.964	77.5707	0.091	98.0578	0.151	0.89356 ± 0.01023	2582.8 ± 29.6	70.64	3.38	0.438 ± 0.020
15D04327	10.1 %	✓	0.1464092	0.864	66.9543	2.562	0.707311	5.426	53.3111	0.104	85.5523	0.173	0.89109 ± 0.01602	2575.7 ± 46.3	55.48	2.33	0.342 ± 0.018
15D04328	11.2 %		0.1786902	0.745	63.0137	2.701	0.520401	7.455	38.5976	0.129	80.8026	0.182	0.85283 ± 0.02296	2465.2 ± 66.3	40.69	1.68	0.263 ± 0.014
15D04330	12.3 %		0.1813608	0.714	73.8829	2.357	0.441929	8.623	30.4742	0.145	72.6514	0.202	0.81507 ± 0.02849	2356.1 ± 82.3	34.13	1.33	0.177 ± 0.008
15D04331	13.5 %		0.1822292	0.711	138.4362	1.351	0.439102	9.658	27.2886	0.163	63.6204	0.231	0.75575 ± 0.03212	2184.7 ± 92.8	32.31	1.19	0.084 ± 0.002
15D04332	14.8 %		0.1110160	1.034	121.0275	1.549	0.273678	14.908	18.9684	0.220	36.9638	0.397	0.71928 ± 0.04221	2079.3 ± 122.0	36.75	0.82	0.067 ± 0.002
15D04334	16.2 %		0.0655009	1.400	109.2833	1.629	0.166592	24.087	11.8215	0.314	18.8420	0.773	0.68116 ± 0.05762	1969.2 ± 166.5	42.47	0.51	0.046 ± 0.002
15D04335	17.7 %		0.0481963	1.811	107.4979	1.769	0.127702	30.549	6.8991	0.553	10.1018	1.449	0.62153 ± 0.09741	1796.9 ± 281.5	42.00	0.30	0.027 ± 0.001
15D04336	19.8 %		0.1184124	1.024	327.6166	0.772	0.186158	21.074	6.9778	0.532	12.5281	1.171	0.45836 ± 0.12874	1325.3 ± 372.1	24.72	0.30	0.009 ± 0.000
15D04338	22.1 %		0.1429473	0.827	431.8447	0.709	0.136018	27.044	5.6476	0.662	11.9085	1.228	0.62665 ± 0.16736	1811.7 ± 483.6	28.19	0.23	0.005 ± 0.000
15D04339	24.5 %		0.0533845	1.674	152.3813	1.258	0.021155	178.738	2.3954	1.626	4.8240	3.030	0.40739 ± 0.29408	1178.0 ± 850.1	19.36	0.10	0.006 ± 0.000
		Σ	2.4513139	0.239	2816.8610	0.388	27.755006	0.839	2292.0763	0.018	2574.4672	0.034					

Information on Analysis and Constants Used in Calculations

Project = **MARQUESAS (14-INT-06)**
Sample = **HO-HI-3**
Material = **Groundmass**
Location = **Marquesas Islands**
Region = **French Polynesia**
Analyst = **Kevin Konrad**
Irradiation = **14-OSU-04 (R98)**
Position = **X: 0 | Y: 0 | Z/H: 44.54 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **9.82597 ± 0.01189**
FCT-NM J-value = **0.00159958 ± 0.00000194**
Air Shot 40Ar/36Ar = **303.4440 ± 0.5371**
Air Shot MDF = **0.99344668 ± 0.00072107 (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-HI-3**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Basalt**
Lat-Lon = **9°43.2'S - 139°00.6'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		0.89717 ± 0.00194 (± 0.22%)	**2593.3 ± 8.4 (± 0.32%)**	0.75 (66%)	47.93 (10)	0.546 ± 0.136
		Full External Error ± 59.1		1.94	2σ Confidence Limit	
		Analytical Error ± 5.6		1.0000	Error Magnification	
Total Fusion Age		0.90284 ± 0.00188 (± 0.21%)	**2609.6 ± 8.3 (± 0.32%)**		35	0.350 ± 0.003
		Full External Error ± 59.5				
		Analytical Error ± 5.4				
Normal Isochron	**292.17 ± 5.62 (± 1.92%)**	0.89801 ± 0.00246 (± 0.27%)	**2595.7 ± 9.5 (± 0.36%)**	0.69 (70%)	47.93 (10)	
		Full External Error ± 59.3		2.00	2σ Confidence Limit	
		Analytical Error ± 7.1		1.0000	Error Magnification	
				1	Number of Iterations	
				0.0000009407	Convergence	
Inverse Isochron	**292.34 ± 5.61 (± 1.92%)**	0.89803 ± 0.00245 (± 0.27%)	**2595.7 ± 9.5 (± 0.36%)**	0.69 (70%)	47.93 (10)	
		Full External Error ± 59.3		2.00	2σ Confidence Limit	
		Analytical Error ± 7.1		1.0000	Error Magnification	
				3	Number of Iterations	
				0.0003541502	Convergence	
				40%	Spreading Factor	

Notes
The plateau displays a fairly long recoil pattern (consistant with the glass nature of the groundmass). The plateau steps downward in apparent age continually until about 45 % 39Ar is released. Then a more consistant plateau is produced followed by high t

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
15D04294	1.8 %		0.0735555	22.5448	0.0219704	26.6808	30.4344	3296.5 ± 79.4	58.31	1.17	0.509 ± 0.079
15D04295	1.9 %		0.0603011	25.6987	0.0000000	29.7596	31.4120	3050.6 ± 67.1	63.77	1.30	0.498 ± 0.066
15D04296	2.0 %		0.0501867	24.2456	0.0163552	30.5000	30.2883	2870.2 ± 65.2	67.08	1.33	0.541 ± 0.078
15D04298	2.1 %		0.0390662	24.4726	0.0637263	30.0065	29.4264	2834.4 ± 66.5	71.77	1.31	0.527 ± 0.073
15D04299	2.2 %		0.0404430	25.0954	0.0005098	34.8553	32.9099	2729.0 ± 56.0	73.30	1.52	0.597 ± 0.082
15D04300	2.3 %		0.0272334	22.5215	0.0043413	28.8745	27.9265	2795.4 ± 64.2	77.57	1.26	0.551 ± 0.084
15D04302	2.4 %		0.0227661	19.8332	0.0199327	26.9959	25.6369	2744.8 ± 67.9	79.15	1.18	0.585 ± 0.099
15D04303	2.6 %		0.0373366	37.2879	0.0000000	50.8833	47.9126	2721.6 ± 38.1	81.21	2.22	0.587 ± 0.055
15D04304	2.8 %		0.0383879	42.8475	0.0386178	64.4168	60.1188	2697.5 ± 30.9	84.05	2.81	0.646 ± 0.052
15D04306	3.0 %		0.0364776	44.6784	0.0000000	75.1055	69.2812	2666.3 ± 25.8	86.45	3.28	0.723 ± 0.055
15D04307	3.2 %		0.0354410	53.8946	0.0283269	90.5203	83.2150	2657.2 ± 22.2	88.73	3.95	0.722 ± 0.046
15D04308	3.4 %		0.0301906	52.3916	0.0075117	94.1663	86.0868	2642.4 ± 20.5	90.52	4.11	0.773 ± 0.052
15D04310	3.6 %		0.0229754	44.2885	0.0700529	82.8530	75.1322	2621.1 ± 23.5	91.62	3.62	0.804 ± 0.067
15D04311	3.9 %		0.0315027	66.8804	0.0000000	130.3541	117.8242	2612.6 ± 15.3	92.58	5.69	0.838 ± 0.045
15D04312	4.2 %		0.0288038	67.9249	0.0000000	135.3996	122.0877	2606.3 ± 15.0	93.38	5.91	0.857 ± 0.045
15D04314	4.5 %		0.0176652	52.5142	0.0167514	113.1518	102.2951	2613.1 ± 17.4	95.04	4.94	0.927 ± 0.061
15D04315	4.8 %	✓	0.0196265	57.3793	0.0458143	119.4936	107.0457	2589.4 ± 16.2	94.76	5.22	0.895 ± 0.055
15D04316	5.1 %	✓	0.0249738	87.2256	0.1054438	176.1625	158.6512	2603.1 ± 11.8	95.45	7.69	0.868 ± 0.037
15D04318	5.4 %	✓	0.0140681	48.8567	0.0505438	105.2505	94.3412	2590.9 ± 17.8	95.68	4.60	0.926 ± 0.067
15D04319	5.8 %	✓	0.0177129	58.5066	0.0528657	119.3536	107.1025	2593.8 ± 16.9	95.24	5.21	0.877 ± 0.055
15D04320	6.2 %	✓	0.0208444	63.2600	0.0901976	123.8846	111.1724	2593.9 ± 15.7	94.65	5.41	0.842 ± 0.047
15D04322	6.8 %	✓	0.0302498	72.1391	0.0442067	128.9409	115.1888	2582.2 ± 15.4	92.70	5.63	0.769 ± 0.039
15D04323	7.4 %	✓	0.0313971	65.2277	0.0625129	102.8566	92.5202	2600.0 ± 19.5	90.79	4.49	0.678 ± 0.037
15D04324	8.2 %	✓	0.0511695	69.1163	0.0269902	90.8851	81.4713	2591.1 ± 23.4	84.27	3.97	0.565 ± 0.029
15D04326	9.1 %	✓	0.0971608	76.0916	0.0637912	77.5195	69.2685	2582.8 ± 29.6	70.64	3.38	0.438 ± 0.020
15D04327	10.1 %	✓	0.1287101	66.9543	0.0761569	53.2660	47.4647	2575.7 ± 46.3	55.48	2.33	0.342 ± 0.018
15D04328	11.2 %		0.1620392	63.0137	0.0504810	38.5552	32.8810	2465.2 ± 66.3	40.69	1.68	0.263 ± 0.014
15D04330	12.3 %		0.1618362	73.8829	0.0644236	30.4245	24.7981	2356.1 ± 82.3	34.13	1.33	0.177 ± 0.008
15D04331	13.5 %		0.1456515	138.4362	0.1004713	27.1954	20.5529	2184.7 ± 92.8	32.31	1.19	0.084 ± 0.002
15D04332	14.8 %		0.0790519	121.0275	0.0422873	18.8869	13.5849	2079.3 ± 122.0	36.75	0.82	0.067 ± 0.002
15D04334	16.2 %		0.0366426	109.2833	0.0245328	11.7480	8.0022	1969.2 ± 166.5	42.47	0.51	0.046 ± 0.002
15D04335	17.7 %		0.0198033	107.4979	0.0448174	6.8268	4.2431	1796.9 ± 281.5	42.00	0.30	0.027 ± 0.001
15D04336	19.8 %		0.0318916	327.6166	0.0987452	6.7574	3.0973	1325.3 ± 372.1	24.72	0.30	0.009 ± 0.000
15D04338	22.1 %		0.0289210	431.8447	0.0636484	5.3569	3.3569	1811.7 ± 483.6	28.19	0.23	0.005 ± 0.000
15D04339	24.5 %		0.0131558	152.3813	0.0000000	2.2929	0.9341	1178.0 ± 850.1	19.36	0.10	0.006 ± 0.000
		Σ	1.7072387	2816.8610	1.3960264	2290.1805	2067.6651				

Information on Analysis

Project = **MARQUESAS (14-INT-06)**
Sample = **HO-HI-3**
Material = **Groundmass**
Location = **Marquesas Islands**
Region = **French Polynesia**
Analyst = **Kevin Konrad**
Irradiation = **14-OSU-04 (R98)**
J = **0.00159958 ± 0.00000194**
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	0.89717 ± 0.00194 (± 0.22%)	**2593.3 ± 8.4 (± 0.32%)**	0.75	47.93	0.546 ± 0.136
			66%	10	
	Full External Error ± 59.1		1.94	2σ Confidence Limit	
	Analytical Error ± 5.6		1.0000	Error Magnification	
Total Fusion Age	0.90284 ± 0.00188 (± 0.21%)	**2609.6 ± 8.3 (± 0.32%)**		35	0.350 ± 0.003
	Full External Error ± 59.5				
	Analytical Error ± 5.4				

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
15D04294	1.8 %		362.73 ± 11.15	709.26 ± 22.06	0.9780
15D04295	1.9 %		493.52 ± 17.19	816.42 ± 28.75	0.9818
15D04296	2.0 %		607.73 ± 25.29	899.01 ± 37.78	0.9854
15D04298	2.1 %		768.10 ± 41.26	1048.75 ± 56.76	0.9897
15D04299	2.2 %		861.84 ± 43.52	1109.23 ± 56.40	0.9903
15D04300	2.3 %		1060.26 ± 74.44	1320.95 ± 93.28	0.9924
15D04302	2.4 %		1185.79 ± 98.24	1421.60 ± 118.38	0.9934
15D04303	2.6 %		1362.83 ± 73.43	1578.76 ± 85.36	0.9949
15D04304	2.8 %		1678.05 ± 90.55	1861.59 ± 100.68	0.9965
15D04306	3.0 %		2058.95 ± 112.52	2194.78 ± 120.14	0.9972
15D04307	3.2 %		2554.12 ± 150.11	2643.49 ± 155.52	0.9982
15D04308	3.4 %		3119.06 ± 203.65	3146.94 ± 205.62	0.9985
15D04310	3.6 %		3606.17 ± 314.06	3565.62 ± 310.73	0.9989
15D04311	3.9 %		4137.87 ± 264.33	4035.63 ± 257.88	0.9990
15D04312	4.2 %		4700.75 ± 334.84	4534.09 ± 323.05	0.9992
15D04314	4.5 %		6405.36 ± 725.25	6086.28 ± 689.25	0.9996
15D04315	4.8 %	✓	6088.39 ± 606.39	5749.65 ± 572.78	0.9995
15D04316	5.1 %	✓	7053.90 ± 582.69	6648.21 ± 549.21	0.9996
15D04318	5.4 %	✓	7481.52 ± 1002.37	7001.56 ± 938.22	0.9997
15D04319	5.8 %	✓	6738.22 ± 784.10	6342.08 ± 738.12	0.9996
15D04320	6.2 %	✓	5943.31 ± 556.84	5628.95 ± 527.49	0.9995
15D04322	6.8 %	✓	4262.53 ± 283.53	4103.41 ± 273.04	0.9991
15D04323	7.4 %	✓	3275.99 ± 215.68	3242.28 ± 213.59	0.9987
15D04324	8.2 %	✓	1776.16 ± 77.49	1887.68 ± 82.49	0.9968
15D04326	9.1 %	✓	797.85 ± 20.20	1008.43 ± 25.65	0.9903
15D04327	10.1 %	✓	413.84 ± 8.68	664.27 ± 14.06	0.9816
15D04328	11.2 %		237.94 ± 4.17	498.42 ± 8.84	0.9680
15D04330	12.3 %		188.00 ± 3.24	448.73 ± 7.84	0.9590
15D04331	13.5 %		186.72 ± 3.61	436.61 ± 8.56	0.9576
15D04332	14.8 %		238.92 ± 7.63	467.35 ± 15.24	0.9605
15D04334	16.2 %		320.61 ± 18.14	513.89 ± 29.97	0.9582
15D04335	17.7 %		344.73 ± 35.27	509.76 ± 53.91	0.9559
15D04336	19.8 %		211.89 ± 18.54	392.62 ± 35.31	0.9578
15D04338	22.1 %		185.23 ± 18.52	411.57 ± 41.99	0.9610
15D04339	24.5 %		174.28 ± 27.84	366.50 ± 61.37	0.9108

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (ka)	MSWD
Normal Isochron	**292.17 ± 5.62 ± 1.92%**	0.89801 ± 0.00246 ± 0.27%	**2595.7 ± 9.5 ± 0.36%**	0.69 70%
			Full External Error ± 59.3	
			Analytical Error ± 7.1	

Statistics				
	2σ Confidence Limit	2.00	Convergence	0.000000940655
	Error Magnification	1.0000	Number of Iterations	1
	Number of Data Points	10	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
15D04294	1.8 %		0.5114192 ± 0.0033200	0.00140992 ± 0.00004384	0.1583
15D04295	1.9 %		0.6044895 ± 0.0040488	0.00122486 ± 0.00004314	0.1519
15D04296	2.0 %		0.6759987 ± 0.0048444	0.00111233 ± 0.00004675	0.1414
15D04298	2.1 %		0.7323942 ± 0.0056700	0.00095352 ± 0.00005160	0.1223
15D04299	2.2 %		0.7769661 ± 0.0054947	0.00090152 ± 0.00004584	0.1187
15D04300	2.3 %		0.8026500 ± 0.0069658	0.00075703 ± 0.00005346	0.1086
15D04302	2.4 %		0.8341260 ± 0.0079887	0.00070343 ± 0.00005858	0.1022
15D04303	2.6 %		0.8632255 ± 0.0046930	0.00063341 ± 0.00003425	0.0850
15D04304	2.8 %		0.9014067 ± 0.0040886	0.00053718 ± 0.00002905	0.0687
15D04306	3.0 %		0.9381116 ± 0.0038461	0.00045563 ± 0.00002494	0.0600
15D04307	3.2 %		0.9661912 ± 0.0034429	0.00037829 ± 0.00002226	0.0467
15D04308	3.4 %		0.9911387 ± 0.0035126	0.00031777 ± 0.00002076	0.0413
15D04310	3.6 %		1.0113725 ± 0.0040436	0.00028046 ± 0.00002444	0.0371
15D04311	3.9 %		1.0253345 ± 0.0028983	0.00024779 ± 0.00001583	0.0297
15D04312	4.2 %		1.0367571 ± 0.0028659	0.00022055 ± 0.00001571	0.0262
15D04314	4.5 %		1.0524271 ± 0.0033827	0.00016430 ± 0.00001861	0.0207
15D04315	4.8 %	✓	1.0589149 ± 0.0032680	0.00017392 ± 0.00001733	0.0225
15D04316	5.1 %	✓	1.0610222 ± 0.0024976	0.00015042 ± 0.00001243	0.0163
15D04318	5.4 %	✓	1.0685516 ± 0.0036398	0.00014283 ± 0.00001914	0.0194
15D04319	5.8 %	✓	1.0624634 ± 0.0032863	0.00015768 ± 0.00001835	0.0193
15D04320	6.2 %	✓	1.0558479 ± 0.0031636	0.00017765 ± 0.00001665	0.0225
15D04322	6.8 %	✓	1.0387770 ± 0.0029800	0.00024370 ± 0.00001622	0.0295
15D04323	7.4 %	✓	1.0103981 ± 0.0033909	0.00030843 ± 0.00002032	0.0379
15D04324	8.2 %	✓	0.9409190 ± 0.0033115	0.00052975 ± 0.00002315	0.0605
15D04326	9.1 %	✓	0.7911806 ± 0.0027913	0.00099164 ± 0.00002522	0.1015
15D04327	10.1 %	✓	0.6230052 ± 0.0025180	0.00150541 ± 0.00003187	0.1406
15D04328	11.2 %		0.4773836 ± 0.0021316	0.00200634 ± 0.00003557	0.1676
15D04330	12.3 %		0.4189513 ± 0.0020845	0.00222851 ± 0.00003892	0.1880
15D04331	13.5 %		0.4276484 ± 0.0024256	0.00229037 ± 0.00004489	0.1927
15D04332	14.8 %		0.5112215 ± 0.0046482	0.00213973 ± 0.00006978	0.2127
15D04334	16.2 %		0.6238909 ± 0.0104238	0.00194596 ± 0.00011350	0.2453
15D04335	17.7 %		0.6762580 ± 0.0210252	0.00196170 ± 0.00020748	0.2559
15D04336	19.8 %		0.5396716 ± 0.0139657	0.00254700 ± 0.00022906	0.2358
15D04338	22.1 %		0.4500478 ± 0.0127238	0.00242971 ± 0.00024787	0.2094
15D04339	24.5 %		0.4755347 ± 0.0330542	0.00272849 ± 0.00045688	0.3158

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (ka)	MSWD
Inverse Isochron	**292.34 ± 5.61** **± 1.92%**	0.89803 ± 0.00245 ± 0.27%	**2595.7 ± 9.5** **± 0.36%**	0.69 70%
			Full External Error ± 59.3	
			Analytical Error ± 7.1	

Statistics				
	2σ Confidence Limit	2.00	Convergence	0.0003541502
	Error Magnification	1.0000	Number of Iterations	3
	Number of Data Points	10	Calculated Line	Weighted York-2
	Spreading Factor	40.0%		

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
15D04294	1.8 %		0.0735555	1.53	0.0000000	0.00	0.0059518	7.78	0.0000067	189.28	22.5448	7.78	0.0137475	1.53	0.0000000	0.00	0.303627	0.16	0.0003134	7.78	0.0219704	189.28	26.6808	0.16	0.0151726	7.78	30.4344	1.19	21.73564	1.53	0.0000000	0.00	0.0269476	0.16
15D04295	1.9 %		0.0603011	1.74	0.0000000	0.00	0.0067845	6.61	0.0000000	0.00	25.6987	6.61	0.0112703	1.74	0.0000000	0.00	0.338664	0.15	0.0003572	6.61	0.0000000	0.00	29.7596	0.15	0.0172952	6.61	31.4120	1.09	17.81898	1.74	0.0000000	0.00	0.0300572	0.15
15D04296	2.0 %		0.0501867	2.08	0.0000000	0.00	0.0064008	7.21	0.0000050	237.90	24.2456	7.21	0.0093799	2.08	0.0000000	0.00	0.347090	0.15	0.0003370	7.21	0.0163552	237.90	30.5000	0.15	0.0163173	7.21	30.2883	1.13	14.83016	2.08	0.0000000	0.00	0.0308050	0.15
15D04298	2.1 %		0.0390662	2.68	0.0000000	0.00	0.0064608	6.96	0.0000193	62.03	24.4726	6.96	0.0073015	2.68	0.0000000	0.00	0.341474	0.15	0.0003402	6.96	0.0637263	62.04	30.0065	0.15	0.0164700	6.96	29.4264	1.16	11.54405	2.68	0.0000000	0.00	0.0303066	0.15
15D04299	2.2 %		0.0404430	2.52	0.0000000	0.00	0.0066252	6.89	0.0000002	######	25.0954	6.89	0.0075588	2.52	0.0000000	0.00	0.396654	0.14	0.0003488	6.89	0.0005098	######	34.8553	0.14	0.0168892	6.89	32.9099	1.02	11.95092	2.52	0.0000000	0.00	0.0352039	0.14
15D04300	2.3 %		0.0272334	3.51	0.0000000	0.00	0.0059457	7.63	0.0000013	895.22	22.5215	7.63	0.0050899	3.51	0.0000000	0.00	0.328592	0.15	0.0003130	7.63	0.0043413	895.22	28.8745	0.15	0.0151569	7.63	27.9265	1.14	8.04748	3.51	0.0000000	0.00	0.0291633	0.15
15D04302	2.4 %		0.0227661	4.14	0.0000000	0.00	0.0052360	8.47	0.0000060	191.79	19.8332	8.47	0.0042550	4.14	0.0000000	0.00	0.307213	0.16	0.0002757	8.47	0.0199327	191.79	26.9959	0.16	0.0133477	8.47	25.6369	1.23	6.72739	4.14	0.0000000	0.00	0.0272658	0.16
15D04303	2.6 %		0.0373366	2.69	0.0000000	0.00	0.0098440	4.71	0.0000000	0.00	37.2879	4.71	0.0069782	2.69	0.0000000	0.00	0.579053	0.11	0.0005183	4.71	0.0000000	0.00	50.8833	0.11	0.0250948	4.71	47.9126	0.69	11.03296	2.69	0.0000000	0.00	0.0513922	0.11
15D04304	2.8 %		0.0383879	2.70	0.0000000	0.00	0.0113117	4.01	0.0000117	99.98	42.8475	4.01	0.0071747	2.70	0.0000000	0.00	0.733063	0.10	0.0005956	4.01	0.0386178	99.98	64.4168	0.10	0.0288363	4.01	60.1188	0.56	11.34362	2.70	0.0000000	0.00	0.0650609	0.10
15D04306	3.0 %		0.0364776	2.73	0.0000000	0.00	0.0117951	3.82	0.0000000	0.00	44.6784	3.82	0.0068177	2.73	0.0000000	0.00	0.854701	0.09	0.0006210	3.82	0.0000000	0.00	75.1055	0.09	0.0300685	3.82	69.2812	0.47	10.77913	2.73	0.0000000	0.00	0.0758566	0.09
15D04307	3.2 %		0.0354410	2.94	0.0000000	0.00	0.0142282	3.17	0.0000086	132.46	53.8946	3.17	0.0066239	2.94	0.0000000	0.00	1.030121	0.09	0.0007491	3.17	0.0283269	132.46	90.5203	0.09	0.0362711	3.17	83.2150	0.41	10.47280	2.94	0.0000000	0.00	0.0914255	0.09
15D04308	3.4 %		0.0301906	3.26	0.0000000	0.00	0.0138314	3.38	0.0000023	540.70	52.3916	3.38	0.0056426	3.26	0.0000000	0.00	1.071612	0.09	0.0007282	3.38	0.0075117	540.70	94.1663	0.09	0.0352596	3.38	86.0868	0.38	8.92133	3.26	0.0000000	0.00	0.0951079	0.09
15D04310	3.6 %		0.0229754	4.35	0.0000000	0.00	0.0116922	4.19	0.0000213	57.42	44.2885	4.19	0.0042941	4.35	0.0000000	0.00	0.942868	0.09	0.0006156	4.19	0.0700529	57.43	82.8530	0.09	0.0298061	4.19	75.1322	0.44	6.78922	4.35	0.0000000	0.00	0.0836816	0.09
15D04311	3.9 %		0.0315027	3.19	0.0000000	0.00	0.0176564	2.66	0.0000000	0.00	66.8804	2.66	0.0058879	3.19	0.0000000	0.00	1.483430	0.08	0.0009296	2.66	0.0000000	0.00	130.3541	0.08	0.0450105	2.66	117.8242	0.28	9.30906	3.19	0.0000000	0.00	0.1316577	0.08
15D04312	4.2 %		0.0288038	3.56	0.0000000	0.00	0.0179322	2.63	0.0000000	0.00	67.9249	2.63	0.0053834	3.56	0.0000000	0.00	1.540848	0.08	0.0009442	2.63	0.0000000	0.00	135.3996	0.08	0.0457135	2.63	122.0877	0.28	8.51153	3.56	0.0000000	0.00	0.1367536	0.08
15D04314	4.5 %		0.0176652	5.66	0.0000000	0.00	0.0138638	3.30	0.0000051	237.99	52.5142	3.30	0.0033016	5.66	0.0000000	0.00	1.287668	0.08	0.0007299	3.30	0.0167514	237.99	113.1518	0.08	0.0353421	3.30	102.2951	0.32	5.22006	5.66	0.0000000	0.00	0.1142833	0.08
15D04315	4.8 %	✓	0.0196265	4.98	0.0000000	0.00	0.0151481	3.06	0.0000139	83.62	57.3793	3.06	0.0036682	4.98	0.0000000	0.00	1.359837	0.08	0.0007976	3.06	0.0458143	83.63	119.4936	0.08	0.0386162	3.06	107.0457	0.30	5.79963	4.98	0.0000000	0.00	0.1206885	0.08
15D04316	5.1 %	✓	0.0249738	4.13	0.0000000	0.00	0.0230276	2.15	0.0000320	37.75	87.2256	2.15	0.0046676	4.13	0.0000000	0.00	2.004729	0.08	0.0012124	2.15	0.1054438	37.77	176.1625	0.08	0.0587028	2.15	158.6512	0.21	7.37975	4.13	0.0000000	0.00	0.1779241	0.08
15D04318	5.4 %	✓	0.0140681	6.70	0.0000000	0.00	0.0128982	3.59	0.0000153	76.20	48.8567	3.59	0.0026293	6.70	0.0000000	0.00	1.197750	0.08	0.0006791	3.59	0.0505438	76.21	105.2505	0.08	0.0328806	3.59	94.3412	0.33	4.15711	6.70	0.0000000	0.00	0.1063030	0.08
15D04319	5.8 %	✓	0.0177129	5.82	0.0000000	0.00	0.0154457	3.13	0.0000161	76.24	58.5066	3.13	0.0033105	5.82	0.0000000	0.00	1.358243	0.08	0.0008132	3.13	0.0528657	76.24	119.3536	0.08	0.0393749	3.13	107.1025	0.32	5.23417	5.82	0.0000000	0.00	0.1205471	0.08
15D04320	6.2 %	✓	0.0208444	4.68	0.0000000	0.00	0.0167006	2.76	0.0000274	41.67	63.2600	2.76	0.0038958	4.68	0.0000000	0.00	1.409807	0.08	0.0008793	2.76	0.0901976	41.68	123.8846	0.08	0.0425740	2.76	111.1724	0.29	6.15951	4.68	0.0000000	0.00	0.1251235	0.08
15D04322	6.8 %	✓	0.0302498	3.32	0.0000000	0.00	0.0190447	2.54	0.0000134	89.36	72.1391	2.54	0.0056537	3.32	0.0000000	0.00	1.467348	0.08	0.0010027	2.54	0.0442067	89.37	128.9409	0.08	0.0485496	2.54	115.1888	0.29	8.93883	3.32	0.0000000	0.00	0.1302303	0.08
15D04323	7.4 %	✓	0.0313971	3.29	0.0000000	0.00	0.0172201	2.76	0.0000190	67.48	65.2277	2.76	0.0058681	3.29	0.0000000	0.00	1.170508	0.08	0.0009067	2.76	0.0625129	67.49	102.8566	0.08	0.0438983	2.76	92.5202	0.37	9.27784	3.29	0.0000000	0.00	0.1038852	0.08
15D04324	8.2 %	✓	0.0511695	2.18	0.0000000	0.00	0.0182467	2.60	0.0000082	153.87	69.1163	2.60	0.0095636	2.18	0.0000000	0.00	1.034273	0.09	0.0009607	2.60	0.0269902	153.87	90.8851	0.09	0.0465153	2.60	81.4713	0.44	15.12059	2.18	0.0000000	0.00	0.0917940	0.09
15D04326	9.1 %	✓	0.0971608	1.26	0.0000000	0.00	0.0200882	2.25	0.0000194	60.00	76.0916	2.25	0.0181593	1.26	0.0000000	0.00	0.882172	0.09	0.0010577	2.25	0.0637912	60.01	77.5195	0.09	0.0512096	2.25	69.2685	0.57	28.71101	1.26	0.0000000	0.00	0.0782947	0.09
15D04327	10.1 %	✓	0.1287101	1.04	0.0000000	0.00	0.0176759	2.56	0.0000231	50.41	66.9543	2.56	0.0240559	1.04	0.0000000	0.00	0.606167	0.10	0.0009307	2.56	0.0761569	50.42	53.2660	0.10	0.0450602	2.56	47.4647	0.89	38.03384	1.04	0.0000000	0.00	0.0537987	0.10
15D04328	11.2 %		0.1620392	0.87	0.0000000	0.00	0.0166356	2.70	0.0000153	76.88	63.0137	2.70	0.0302851	0.87	0.0000000	0.00	0.438759	0.13	0.0008759	2.70	0.0504810	76.88	38.5552	0.13	0.0424082	2.70	32.8810	1.34	47.88258	0.87	0.0000000	0.00	0.0389408	0.13
15D04330	12.3 %		0.1618362	0.85	0.0000000	0.00	0.0195051	2.36	0.0000196	59.17	73.8829	2.36	0.0302472	0.85	0.0000000	0.00	0.346231	0.15	0.0010270	2.36	0.0644236	59.17	30.4245	0.15	0.0497232	2.36	24.7981	1.74	47.82260	0.85	0.0000000	0.00	0.0307288	0.15
15D04331	13.5 %		0.1456515	0.95	0.0000000	0.00	0.0365472	1.35	0.0000305	42.23	138.4362	1.35	0.0272223	0.95	0.0000000	0.00	0.309484	0.16	0.0019243	1.35	0.1004713	42.24	27.1954	0.16	0.0931676	1.35	20.5529	2.12	43.04001	0.95	0.0000000	0.00	0.0274674	0.16
15D04332	14.8 %		0.0790519	1.58	0.0000000	0.00	0.0319513	1.55	0.0000128	96.50	121.0275	1.55	0.0147748	1.58	0.0000000	0.00	0.214933	0.22	0.0016823	1.55	0.0422873	96.51	18.8869	0.22	0.0814515	1.55	13.5849	2.93	23.35982	1.58	0.0000000	0.00	0.0190758	0.22
15D04334	16.2 %		0.0366426	2.81	0.0000000	0.00	0.0288508	1.63	0.0000075	163.58	109.2833	1.63	0.0068485	2.81	0.0000000	0.00	0.133692	0.32	0.0015190	1.63	0.0245328	163.59	11.7480	0.32	0.0735476	1.63	8.0022	4.22	10.82789	2.81	0.0000000	0.00	0.0118654	0.32
15D04335	17.7 %		0.0198033	5.09	0.0000000	0.00	0.0283794	1.77	0.0000136	87.06	107.4979	1.77	0.0037012	5.09	0.0000000	0.00	0.077689	0.56	0.0014942	1.77	0.0448174	87.07	6.8268	0.56	0.0723461	1.77	4.2431	7.82	5.85187	5.09	0.0000000	0.00	0.0068950	0.56
15D04336	19.8 %		0.0318916	4.34	0.0000000	0.00	0.0864908	0.77	0.0000300	39.75	327.6166	0.77	0.0059605	4.34	0.0000000	0.00	0.076899	0.55	0.0045539	0.77	0.0987452	39.76	6.7574	0.55	0.2204860	0.77	3.0973	14.03	9.42397	4.34	0.0000000	0.00	0.0068249	0.55
15D04338	22.1 %		0.0289210	4.95	0.0000000	0.00	0.1140070	0.71	0.0000193	57.81	431.8447	0.71	0.0054053	4.95	0.0000000	0.00	0.060962	0.70	0.0060026	0.71	0.0636484	57.82	5.3569	0.70	0.2906315	0.71	3.3569	13.34	8.54614	4.95	0.0000000	0.00	0.0054105	0.70
15D04339	24.5 %		0.0131558	7.80	0.0000000	0.00	0.0402287	1.26	0.0000000	0.00	152.3813	1.26	0.0024588	7.80	0.0000000	0.00	0.026093	1.70	0.0021181	1.26	0.0000000	0.00	2.2929	1.70	0.1025526	1.26	0.9341	36.05	3.88755	7.80	0.0000000	0.00	0.0023158	1.70
		Σ	1.7072387	0.38	0.0000000	0.00	0.7436513	0.39	0.0004239	15.21	2816.8610	0.39	0.3190829	0.38	0.0000000	0.00	26.062254	0.02	0.0391544	0.39	1.3960264	15.21	2290.1805	0.02	1.8957474	0.39	2067.6651	0.10	504.48902	0.38	0.0000000	0.00	2.3130823	0.02
		Σ							2.4513139	0.29	2816.8610	0.39									27.816518	0.76			2292.0763	0.02							2574.4672	0.11

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
15D04294	1.8 %		1.955241	0.006342	0.844502	0.065749	0.002979	0.000039	186.745	40.087236	1.00131943	2.505E-12
15D04295	1.9 %		1.654337	0.005537	0.863043	0.057093	0.002253	0.000032	186.755	40.094934	1.00131949	2.365E-12
15D04296	2.0 %		1.479511	0.005297	0.794511	0.057299	0.001854	0.000031	186.765	40.103185	1.00131957	2.167E-12
15D04298	2.1 %		1.365645	0.005282	0.815128	0.056749	0.001517	0.000032	186.784	40.118040	1.00131970	1.968E-12
15D04299	2.2 %		1.287444	0.004549	0.719638	0.049574	0.001350	0.000026	186.794	40.125744	1.00131977	2.155E-12
15D04300	2.3 %		1.246229	0.005403	0.779567	0.059530	0.001149	0.000029	186.803	40.133451	1.00131984	1.728E-12
15D04302	2.4 %		1.199277	0.005738	0.734313	0.062228	0.001037	0.000031	186.822	40.147766	1.00131997	1.555E-12
15D04303	2.6 %		1.158884	0.003148	0.732450	0.034537	0.000927	0.000018	186.831	40.155477	1.00132003	2.832E-12
15D04304	2.8 %		1.109890	0.002515	0.664863	0.026677	0.000771	0.000014	186.840	40.162638	1.00132010	3.433E-12
15D04306	3.0 %		1.066554	0.002184	0.594637	0.022695	0.000642	0.000012	186.858	40.176963	1.00132023	3.847E-12
15D04307	3.2 %		1.035587	0.001844	0.595148	0.018876	0.000549	0.000010	186.867	40.184128	1.00132029	4.501E-12
15D04308	3.4 %		1.009573	0.001787	0.556165	0.018816	0.000467	0.000009	186.876	40.191294	1.00132035	4.565E-12
15D04310	3.6 %		0.989409	0.001976	0.534350	0.022394	0.000419	0.000011	186.894	40.205079	1.00132048	3.936E-12
15D04311	3.9 %		0.975964	0.001378	0.512890	0.013658	0.000377	0.000007	186.903	40.212249	1.00132054	6.109E-12
15D04312	4.2 %		0.965230	0.001333	0.501493	0.013212	0.000345	0.000007	186.911	40.218868	1.00132060	6.275E-12
15D04314	4.5 %		0.950898	0.001527	0.463959	0.015329	0.000279	0.000008	186.928	40.232663	1.00132072	5.166E-12
15D04315	4.8 %	✓	0.945068	0.001457	0.480032	0.014698	0.000291	0.000007	186.938	40.239837	1.00132078	5.422E-12
15D04316	5.1 %	✓	0.943183	0.001109	0.494978	0.010634	0.000273	0.000005	186.946	40.246461	1.00132084	7.978E-12
15D04318	5.4 %	✓	0.936564	0.001594	0.464050	0.016677	0.000256	0.000008	186.963	40.260265	1.00132097	4.733E-12
15D04319	5.8 %	✓	0.941908	0.001455	0.490034	0.015343	0.000278	0.000008	186.972	40.267445	1.00132103	5.398E-12
15D04320	6.2 %	✓	0.947790	0.001419	0.510461	0.014094	0.000303	0.000007	186.981	40.274073	1.00132109	5.638E-12
15D04322	6.8 %	✓	0.963318	0.001381	0.559264	0.014240	0.000382	0.000007	186.998	40.287886	1.00132121	5.964E-12
15D04323	7.4 %	✓	0.990296	0.001660	0.633891	0.017476	0.000473	0.000009	187.007	40.295071	1.00132128	4.891E-12
15D04324	8.2 %	✓	1.063257	0.001869	0.760091	0.019756	0.000763	0.000011	187.015	40.301704	1.00132133	4.641E-12
15D04326	9.1 %	✓	1.264109	0.002228	0.980932	0.022130	0.001512	0.000015	187.033	40.315526	1.00132146	4.707E-12
15D04327	10.1 %	✓	1.604775	0.003241	1.255916	0.032207	0.002746	0.000024	187.042	40.322716	1.00132152	4.107E-12
15D04328	11.2 %		2.093459	0.004670	1.632580	0.044154	0.004630	0.000035	187.050	40.329354	1.00132158	3.879E-12
15D04330	12.3 %		2.384026	0.005925	2.424437	0.057263	0.005951	0.000043	187.067	40.343186	1.00132170	3.487E-12
15D04331	13.5 %		2.331392	0.006601	5.073043	0.069037	0.006678	0.000049	187.076	40.350380	1.00132177	3.054E-12
15D04332	14.8 %		1.948705	0.008846	6.380484	0.099832	0.005853	0.000062	187.085	40.357022	1.00132182	1.774E-12
15D04334	16.2 %		1.593876	0.013295	9.244449	0.153385	0.005541	0.000079	187.102	40.370864	1.00132195	9.044E-13
15D04335	17.7 %		1.464219	0.022716	15.581376	0.288759	0.006986	0.000132	187.111	40.378063	1.00132201	4.849E-13
15D04336	19.8 %		1.795406	0.023086	46.950939	0.440028	0.016970	0.000196	187.120	40.385264	1.00132207	6.013E-13
15D04338	22.1 %		2.108598	0.029419	76.465578	0.741697	0.025311	0.000268	187.138	40.399115	1.00132220	5.716E-13
15D04339	24.5 %		2.013833	0.069251	63.613822	1.307601	0.022286	0.000520	187.147	40.406320	1.00132226	2.316E-13

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
15D04294	1.8 %	0.0080678 ± 0.0006096	0.0023438 ± 0.0296031	0.1025066 ± 0.0273762	0.0121375 ± 0.0273170	2.0771157 ± 0.1435290
15D04295	1.9 %	0.0080930 ± 0.0006096	0.0070897 ± 0.0296031	0.1034677 ± 0.0273762	0.0068726 ± 0.0273170	2.1350368 ± 0.1435290
15D04296	2.0 %	0.0081033 ± 0.0006096	0.0154283 ± 0.0296031	0.1040612 ± 0.0273762	0.0019874 ± 0.0273170	2.1871311 ± 0.1435290
15D04298	2.1 %	0.0080861 ± 0.0006096	0.0262328 ± 0.0296031	0.1041559 ± 0.0273762	0.0049869 ± 0.0273170	2.2576590 ± 0.1435290
15D04299	2.2 %	0.0080629 ± 0.0006096	0.0299076 ± 0.0296031	0.1037907 ± 0.0273762	0.0077577 ± 0.0273170	2.2837852 ± 0.1435290
15D04300	2.3 %	0.0080324 ± 0.0006096	0.0323976 ± 0.0296031	0.1031925 ± 0.0273762	0.0100010 ± 0.0273170	2.3036227 ± 0.1435290
15D04302	2.4 %	0.0079617 ± 0.0006096	0.0342119 ± 0.0296031	0.1015845 ± 0.0273762	0.0128955 ± 0.0273170	2.3258505 ± 0.1435290
15D04303	2.6 %	0.0079188 ± 0.0006096	0.0338508 ± 0.0296031	0.1005124 ± 0.0273762	0.0138375 ± 0.0273170	2.3310082 ± 0.1435290
15D04304	2.8 %	0.0078774 ± 0.0006096	0.0327820 ± 0.0296031	0.0994230 ± 0.0273762	0.0143669 ± 0.0273170	2.3321443 ± 0.1435290
15D04306	3.0 %	0.0077943 ± 0.0006096	0.0288201 ± 0.0296031	0.0970678 ± 0.0273762	0.0145461 ± 0.0273170	2.3255237 ± 0.1435290
15D04307	3.2 %	0.0077542 ± 0.0006096	0.0260680 ± 0.0296031	0.0958449 ± 0.0273762	0.0142529 ± 0.0273170	2.3185333 ± 0.1435290
15D04308	3.4 %	0.0077161 ± 0.0006096	0.0228933 ± 0.0296031	0.0946184 ± 0.0273762	0.0137418 ± 0.0273170	2.3095684 ± 0.1435290
15D04310	3.6 %	0.0076503 ± 0.0006096	0.0158454 ± 0.0296031	0.0923157 ± 0.0273762	0.0122485 ± 0.0273170	2.2879949 ± 0.1435290
15D04311	3.9 %	0.0076210 ± 0.0006096	0.0118140 ± 0.0296031	0.0911788 ± 0.0273762	0.0112588 ± 0.0273170	2.2751108 ± 0.1435290
15D04312	4.2 %	0.0075973 ± 0.0006096	0.0079419 ± 0.0296031	0.0901829 ± 0.0273762	0.0102464 ± 0.0273170	2.2625295 ± 0.1435290
15D04314	4.5 %	0.0075595 ± 0.0006096	0.0003759 ± 0.0296031	0.0883189 ± 0.0273762	0.0079256 ± 0.0273170	2.2350968 ± 0.1435290
15D04315	4.8 %	0.0075462 ± 0.0006096	0.0047241 ± 0.0296031	0.0874837 ± 0.0273762	0.0066548 ± 0.0273170	2.2206168 ± 0.1435290
15D04316	5.1 %	0.0075379 ± 0.0006096	0.0086864 ± 0.0296031	0.0868053 ± 0.0273762	0.0054724 ± 0.0273170	2.2073599 ± 0.1435290
15D04318	5.4 %	0.0075324 ± 0.0006096	0.0165877 ± 0.0296031	0.0857058 ± 0.0273762	0.0030691 ± 0.0273170	2.1807204 ± 0.1435290
15D04319	5.8 %	0.0075356 ± 0.0006096	0.0204070 ± 0.0296031	0.0853137 ± 0.0273762	0.0018984 ± 0.0273170	2.1676904 ± 0.1435290
15D04320	6.2 %	0.0075418 ± 0.0006096	0.0236975 ± 0.0296031	0.0850664 ± 0.0273762	0.0008939 ± 0.0273170	2.1563184 ± 0.1435290
15D04322	6.8 %	0.0075634 ± 0.0006096	0.0296531 ± 0.0296031	0.0849157 ± 0.0273762	0.0008788 ± 0.0273170	2.1350325 ± 0.1435290
15D04323	7.4 %	0.0075784 ± 0.0006096	0.0321791 ± 0.0296031	0.0850348 ± 0.0273762	0.0015850 ± 0.0273170	2.1254106 ± 0.1435290
15D04324	8.2 %	0.0075938 ± 0.0006096	0.0341113 ± 0.0296031	0.0852645 ± 0.0273762	0.0020789 ± 0.0273170	2.1174799 ± 0.1435290
15D04326	9.1 %	0.0076279 ± 0.0006096	0.0367489 ± 0.0296031	0.0861060 ± 0.0273762	0.0025401 ± 0.0273170	2.1040162 ± 0.1435290
15D04327	10.1 %	0.0076452 ± 0.0006096	0.0372993 ± 0.0296031	0.0867308 ± 0.0273762	0.0024339 ± 0.0273170	2.0986727 ± 0.1435290
15D04328	11.2 %	0.0076598 ± 0.0006096	0.0372621 ± 0.0296031	0.0874156 ± 0.0273762	0.0021000 ± 0.0273170	2.0947357 ± 0.1435290
15D04330	12.3 %	0.0076821 ± 0.0006096	0.0353665 ± 0.0296031	0.0891513 ± 0.0273762	0.0006004 ± 0.0273170	2.0894709 ± 0.1435290
15D04331	13.5 %	0.0076872 ± 0.0006096	0.0333404 ± 0.0296031	0.0902031 ± 0.0273762	0.0006495 ± 0.0273170	2.0881883 ± 0.1435290
15D04332	14.8 %	0.0076864 ± 0.0006096	0.0307978 ± 0.0296031	0.0912533 ± 0.0273762	0.0021130 ± 0.0273170	2.0877931 ± 0.1435290
15D04334	16.2 %	0.0076631 ± 0.0006096	0.0233111 ± 0.0296031	0.0936441 ± 0.0273762	0.0061905 ± 0.0273170	2.0890121 ± 0.1435290
15D04335	17.7 %	0.0076365 ± 0.0006096	0.0181892 ± 0.0296031	0.0949707 ± 0.0273762	0.0088987 ± 0.0273170	2.0904853 ± 0.1435290
15D04336	19.8 %	0.0075978 ± 0.0006096	0.0121874 ± 0.0296031	0.0963348 ± 0.0273762	0.0120355 ± 0.0273170	2.0923268 ± 0.1435290
15D04338	22.1 %	0.0074832 ± 0.0006096	0.0019296 ± 0.0296031	0.0990013 ± 0.0273762	0.0193453 ± 0.0273170	2.0962229 ± 0.1435290
15D04339	24.5 %	0.0073991 ± 0.0006096	0.0106593 ± 0.0296031	0.1003752 ± 0.0273762	0.0238478 ± 0.0273170	2.0980341 ± 0.1435290

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)
15D04294	1.8 %	0.0833335 ± 0.0007209	0.4626	EXP 150 of 150	0.5536966 ± 0.0309122	0.0035	EXP 150 of 150	0.2327008 ± 0.0305633	0.0023	EXP 150 of 150	26.4742547 ± 0.0258513	0.9781	EXP 150 of 150	54.4253910 ± 0.0356425	0.9987	EXP 150 of 150
15D04295	1.9 %	0.0715943 ± 0.0006276	0.5930	EXP 150 of 150	0.6212747 ± 0.0289446	0.0380	EXP 150 of 150	0.2386985 ± 0.0280939	0.0011	EXP 150 of 150	29.5362723 ± 0.0276091	0.9781	EXP 150 of 150	51.5387922 ± 0.0351817	0.9985	EXP 150 of 150
15D04296	2.0 %	0.0616721 ± 0.0006202	0.5354	EXP 150 of 150	0.5772828 ± 0.0306363	0.0165	EXP 150 of 150	0.2642113 ± 0.0269125	0.0097	EXP 150 of 150	30.2748188 ± 0.0279168	0.9799	EXP 150 of 150	47.4672543 ± 0.0345959	0.9985	EXP 150 of 150
15D04298	2.1 %	0.0511989 ± 0.0006438	0.5420	EXP 150 of 150	0.5718063 ± 0.0290631	0.0259	EXP 150 of 150	0.3032763 ± 0.0277747	0.0460	EXP 150 of 150	29.7923044 ± 0.0267797	0.9805	EXP 149 of 150	43.3772388 ± 0.0319246	0.9984	EXP 150 of 150
15D04299	2.2 %	0.0526165 ± 0.0005967	0.4401	EXP 150 of 150	0.5832331 ± 0.0299118	0.0000	EXP 149 of 150	0.2959723 ± 0.0271406	0.0001	EXP 150 of 150	34.6062398 ± 0.0285735	0.9838	EXP 150 of 150	47.3099161 ± 0.0315829	0.9982	EXP 150 of 150
15D04300	2.3 %	0.0394400 ± 0.0005025	0.6949	EXP 150 of 150	0.5177506 ± 0.0296315	0.0424	EXP 150 of 150	0.2307104 ± 0.0268507	0.0011	EXP 150 of 150	28.6729155 ± 0.0248732	0.9813	EXP 150 of 150	38.4111312 ± 0.0325205	0.9981	EXP 150 of 150
15D04302	2.4 %	0.0344734 ± 0.0004913	0.6686	EXP 150 of 150	0.4500954 ± 0.0282803	0.0113	EXP 150 of 150	0.2257455 ± 0.0259473	0.0134	EXP 150 of 150	26.8100795 ± 0.0266542	0.9762	EXP 150 of 150	34.8112328 ± 0.0293856	0.9983	EXP 150 of 150
15D04303	2.6 %	0.0525786 ± 0.0005684	0.5550	EXP 150 of 150	0.8765081 ± 0.0306299	0.0403	EXP 150 of 150	0.4662710 ± 0.0254548	0.0000	EXP 150 of 150	50.5226316 ± 0.0286038	0.9924	EXP 150 of 150	61.4989632 ± 0.0352051	0.9962	EXP 150 of 150
15D04304	2.8 %	0.0549328 ± 0.0006199	0.5104	EXP 150 of 150	1.0131234 ± 0.0291196	0.0275	EXP 150 of 150	0.6698135 ± 0.0264636	0.0413	EXP 150 of 150	63.9540299 ± 0.0300553	0.9949	EXP 150 of 150	74.0669438 ± 0.0323089	0.9958	EXP 150 of 150
15D04306	3.0 %	0.0534879 ± 0.0005637	0.5539	EXP 150 of 150	1.0613887 ± 0.0285495	0.0000	EXP 150 of 150	0.7378748 ± 0.0274282	0.0008	EXP 150 of 150	74.5602559 ± 0.0314410	0.9959	EXP 150 of 150	82.6938912 ± 0.0329979	0.9937	EXP 150 of 150
15D04307	3.2 %	0.0547778 ± 0.0006306	0.4912	EXP 150 of 150	1.2887938 ± 0.0283697	0.1055	EXP 150 of 150	0.9560093 ± 0.0248677	0.0461	EXP 150 of 150	89.8599179 ± 0.0299043	0.9974	EXP 150 of 150	96.3694973 ± 0.0314732	0.9918	EXP 150 of 150
15D04308	3.4 %	0.0493882 ± 0.0005355	0.6158	EXP 149 of 150	1.2550726 ± 0.0306319	0.0637	EXP 150 of 150	0.9766517 ± 0.0292186	0.0325	EXP 150 of 150	93.4757341 ± 0.0346021	0.9969	EXP 150 of 150	97.6884369 ± 0.0334022	0.9901	EXP 150 of 150
15D04310	3.6 %	0.0404857 ± 0.0005480	0.6329	EXP 150 of 150	1.0640934 ± 0.0336585	0.0838	EXP 150 of 150	0.9121766 ± 0.0286897	0.0868	EXP 150 of 150	82.2444084 ± 0.0298640	0.9970	EXP 150 of 150	84.5307065 ± 0.0345250	0.9904	EXP 150 of 150
15D04311	3.9 %	0.0541536 ± 0.0005640	0.6459	EXP 150 of 150	1.6187205 ± 0.0303358	0.0520	EXP 150 of 150	1.3660961 ± 0.0295999	0.0215	EXP 150 of 150	129.3866620 ± 0.0375540	0.9981	EXP 150 of 150	129.9088283 ± 0.0351930	0.9509	EXP 149 of 150
15D04312	4.2 %	0.0518363 ± 0.0005949	0.6066	EXP 150 of 150	1.6477847 ± 0.0305756	0.0697	EXP 150 of 150	1.4303593 ± 0.0276228	0.0235	EXP 150 of 150	134.3922298 ± 0.0315652	0.9988	EXP 150 of 150	133.3773166 ± 0.0387652	0.9159	EXP 150 of 150
15D04314	4.5 %	0.0374087 ± 0.0005732	0.6791	EXP 150 of 150	1.2800159 ± 0.0292644	0.0303	EXP 150 of 150	1.2029852 ± 0.0281707	0.0463	EXP 150 of 150	112.3064426 ± 0.0381316	0.9974	EXP 150 of 150	110.1763736 ± 0.0359247	0.9688	EXP 150 of 150
15D04315	**4.8 %**	**0.0404760 ± 0.0005309**	**0.6427**	**EXP 150 of 150**	**1.4026629 ± 0.0298414**	**0.0651**	**EXP 150 of 150**	**1.3041549 ± 0.0259702**	**0.0670**	**EXP 149 of 150**	**118.6004175 ± 0.0329510**	**0.9982**	**EXP 150 of 150**	**115.5139865 ± 0.0387365**	**0.9542**	**EXP 150 of 150**
15D04316	**5.1 %**	**0.0530049 ± 0.0005866**	**0.6516**	**EXP 150 of 150**	**2.1334268 ± 0.0325081**	**0.1463**	**EXP 150 of 150**	**2.0015184 ± 0.0279517**	**0.1932**	**EXP 150 of 150**	**174.8431523 ± 0.0371070**	**0.9990**	**EXP 150 of 150**	**168.8978548 ± 0.0363019**	**0.7577**	**EXP 150 of 150**
15D04318	**5.4 %**	**0.0330724 ± 0.0004752**	**0.6829**	**EXP 149 of 150**	**1.2062876 ± 0.0300720**	**0.0543**	**EXP 149 of 150**	**1.1494954 ± 0.0262816**	**0.0703**	**EXP 149 of 150**	**104.4598209 ± 0.0318092**	**0.9979**	**EXP 150 of 150**	**101.0710213 ± 0.0317066**	**0.9771**	**EXP 150 of 150**
15D04319	**5.8 %**	**0.0389378 ± 0.0006014**	**0.5897**	**EXP 150 of 150**	**1.4448344 ± 0.0323249**	**0.0993**	**EXP 150 of 150**	**1.3113736 ± 0.0287536**	**0.0731**	**EXP 150 of 150**	**118.4574370 ± 0.0333957**	**0.9981**	**EXP 150 of 150**	**114.9507362 ± 0.0374890**	**0.9332**	**EXP 150 of 150**
15D04320	**6.2 %**	**0.0431067 ± 0.0005300**	**0.6283**	**EXP 150 of 150**	**1.5636003 ± 0.0291911**	**0.1160**	**EXP 150 of 150**	**1.3999944 ± 0.0248909**	**0.1435**	**EXP 150 of 150**	**122.9551138 ± 0.0367437**	**0.9980**	**EXP 150 of 150**	**119.9537119 ± 0.0358112**	**0.9128**	**EXP 150 of 150**
15D04322	**6.8 %**	**0.0542370 ± 0.0005524**	**0.4795**	**EXP 150 of 150**	**1.7850924 ± 0.0319124**	**0.0865**	**EXP 150 of 150**	**1.4134000 ± 0.0276390**	**0.0698**	**EXP 150 of 150**	**127.9758352 ± 0.0354393**	**0.9983**	**EXP 150 of 150**	**126.7529573 ± 0.0353215**	**0.7496**	**EXP 150 of 150**
15D04323	**7.4 %**	**0.0536161 ± 0.0006037**	**0.4790**	**EXP 148 of 150**	**1.6191533 ± 0.0308777**	**0.0819**	**EXP 150 of 150**	**1.1385141 ± 0.0312895**	**0.0770**	**EXP 150 of 150**	**102.0909732 ± 0.0359663**	**0.9971**	**EXP 150 of 150**	**104.3226628 ± 0.0350496**	**0.9538**	**EXP 150 of 150**
15D04324	**8.2 %**	**0.0733090 ± 0.0007098**	**0.1670**	**EXP 150 of 150**	**1.7154174 ± 0.0306335**	**0.1092**	**EXP 150 of 150**	**0.9724777 ± 0.0304450**	**0.0281**	**EXP 150 of 150**	**90.2156069 ± 0.0354393**	**0.9964**	**EXP 150 of 150**	**99.0813123 ± 0.0348737**	**0.9588**	**EXP 150 of 150**
15D04326	**9.1 %**	**0.1186308 ± 0.0008279**	**0.0124**	**EXP 150 of 150**	**1.8870987 ± 0.0274050**	**0.1719**	**EXP 150 of 150**	**0.8664262 ± 0.0259700**	**0.0766**	**EXP 149 of 150**	**76.9591165 ± 0.0329671**	**0.9958**	**EXP 150 of 150**	**100.4459957 ± 0.0370897**	**0.9335**	**EXP 150 of 150**
15D04327	**10.1 %**	**0.1462320 ± 0.0009458**	**0.0553**	**EXP 149 of 150**	**1.6651627 ± 0.0278673**	**0.2369**	**EXP 150 of 150**	**0.6113113 ± 0.0261530**	**0.0367**	**EXP 150 of 150**	**52.8900709 ± 0.0281268**	**0.9935**	**EXP 150 of 150**	**87.8989158 ± 0.0388464**	**0.9580**	**EXP 150 of 150**
15D04328	11.2 %	0.1768028 ± 0.0009835	0.2611	EXP 150 of 150	1.5690671 ± 0.0275512	0.0804	EXP 150 of 150	0.4261655 ± 0.0267601	0.0070	EXP 150 of 150	38.2924796 ± 0.0304024	0.9855	EXP 150 of 150	83.1314545 ± 0.0339714	0.9703	EXP 150 of 150
15D04330	12.3 %	0.1793531 ± 0.0009352	0.2375	EXP 150 of 150	1.8307740 ± 0.0284495	0.0123	EXP 150 of 150	0.3469862 ± 0.0257753	0.0053	EXP 150 of 150	30.2343511 ± 0.0262766	0.9812	EXP 150 of 150	74.9513745 ± 0.0326282	0.9763	EXP 150 of 150
15D04331	13.5 %	0.1801801 ± 0.0009343	0.2984	EXP 149 of 150	3.3968408 ± 0.0285897	0.2409	EXP 149 of 150	0.3431445 ± 0.0316523	0.0161	EXP 150 of 150	27.0749656 ± 0.0286968	0.9733	EXP 150 of 150	65.8929526 ± 0.0344203	0.9811	EXP 150 of 150
15D04332	14.8 %	0.1127710 ± 0.0008442	0.0119	EXP 150 of 150	2.9708462 ± 0.0302352	0.2250	EXP 150 of 150	0.1788381 ± 0.0295257	0.0022	EXP 150 of 150	18.8215616 ± 0.0280468	0.9461	EXP 150 of 150	39.1587121 ± 0.0323623	0.9925	EXP 150 of 150
15D04334	16.2 %	0.0696643 ± 0.0005899	0.1425	EXP 150 of 150	2.6771534 ± 0.0275999	0.2570	EXP 150 of 150	0.0707648 ± 0.0286126	0.0057	EXP 150 of 150	11.7348666 ± 0.0232718	0.8993	EXP 150 of 150	20.9856186 ± 0.0267188	0.9963	EXP 150 of 150
15D04335	17.7 %	0.0532578 ± 0.0005413	0.2443	EXP 150 of 150	2.6282094 ± 0.0321128	0.1578	EXP 149 of 150	0.0310574 ± 0.0270694	0.0009	EXP 150 of 150	6.8538504 ± 0.0257469	0.6847	EXP 150 of 150	12.2215859 ± 0.0310158	0.9957	EXP 150 of 150
15D04336	19.8 %	0.1196836 ± 0.0009148	0.1011	EXP 150 of 150	7.9652142 ± 0.0285200	0.7141	EXP 150 of 150	0.0873841 ± 0.0273764	0.0105	EXP 150 of 150	6.9350923 ± 0.0241821	0.7146	EXP 150 of 150	14.6567058 ± 0.0321304	0.9951	EXP 150 of 150
15D04338	22.1 %	0.1427931 ± 0.0008480	0.0885	EXP 150 of 150	10.4776834 ± 0.0322873	0.7798	EXP 150 of 150	0.0352346 ± 0.0238417	0.0017	EXP 150 of 150	5.6225679 ± 0.0247364	0.6221	EXP 150 of 150	14.0391849 ± 0.0303346	0.9956	EXP 150 of 150
15D04339	24.5 %	0.0579313 ± 0.0005668	0.1711	EXP 150 of 150	3.6865308 ± 0.0289291	0.3053	EXP 150 of 150	0.0794977 ± 0.0253581	0.0161	EXP 150 of 150	2.4004490 ± 0.0272751	0.1404	EXP 150 of 150	6.9359719 ± 0.0298276	0.9962	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
15D04294	1.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04295	1.9 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04296	2.0 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04298	2.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04299	2.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04300	2.3 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04302	2.4 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04303	2.6 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04304	2.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04306	3.0 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04307	3.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04308	3.4 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04310	3.6 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04311	3.9 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04312	4.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04314	4.5 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04315	4.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04316	5.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04318	5.4 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04319	5.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04320	6.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04322	6.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04323	7.4 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04324	8.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04326	9.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04327	10.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04328	11.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04330	12.3 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04331	13.5 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04332	14.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04334	16.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04335	17.7 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04336	19.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04338	22.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	01
15D04339	24.5 %	Kevin Konrad	14-OSU-04	0.00	0.00	44.54	rench Polynesia\Marquesas (14-INT-0€	15D04293	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
15D04294	1.8 %	HO-HI-3	Groundmass	Marquesas Islands	CT-NM (R98) (4C25-14	28.201	0.082	Kuiper et al (2008)	9.82597	0.121	0.00159958	0.121	303.444	0.177	0.99344668	0.073	1	4.8E-14	9	FEB	2015	9	53	1
15D04295	1.9 %	HO-HI-3	Groundmass	Marquesas Islands	CT-NM (R98) (4C25-14	28.201	0.082	Kuiper et al (2008)	9.82597	0.121	0.00159958	0.121	303.444	0.177	0.99344668	0.073	1	4.8E-14	9	FEB	2015	10	7	1
15D04296	2.0 %	HO-HI-3	Groundmass	Marquesas Islands	CT-NM (R98) (4C25-14	28.201	0.082	Kuiper et al (2008)	9.82597	0.121	0.00159958	0.121	303.444	0.177	0.99344668	0.073	1	4.8E-14	9	FEB	2015	10	22	1
15D04298	2.1 %	HO-HI-3	Groundmass	Marquesas Islands	CT-NM (R98) (4C25-14	28.201	0.082	Kuiper et al (2008)	9.82597	0.121	0.00159958	0.121	303.444	0.177	0.99344668	0.073	1	4.8E-14	9	FEB	2015	10	49	1
15D04299	2.2 %	HO-HI-3	Groundmass	Marquesas Islands	CT-NM (R98) (4C25-14	28.201	0.082	Kuiper et al (2008)	9.82597	0.121	0.00159958	0.121	303.444	0.177	0.99344668	0.073	1	4.8E-14	9	FEB	2015	11	3	1
15D04300	2.3 %	HO-HI-3	Groundmass	Marquesas Islands	CT-NM (R98) (4C25-14	28.201	0.082	Kuiper et al (2008)	9.82597	0.121	0.00159958	0.121	303.444	0.177	0.99344668	0.073	1	4.8E-14	9	FEB	2015	11	17	1
15D04302	2.4 %	HO-HI-3	Groundmass	Marquesas Islands	CT-NM (R98) (4C25-14	28.201	0.082	Kuiper et al (2008)	9.82597	0.121	0.00159958	0.121	303.444	0.177	0.99344668	0.073	1	4.8E-14	9	FEB	2015	11	43	1
15D04303	2.6 %	HO-HI-3	Groundmass	Marquesas Islands	CT-NM (R98) (4C25-14	28.201	0.082	Kuiper et al (2008)	9.82597	0.121	0.00159958	0.121	303.444	0.177	0.99344668	0.073	1	4.8E-14	9	FEB	2015	11	57	1
15D04304	2.8 %	HO-HI-3	Groundmass	Marquesas Islands	CT-NM (R98) (4C25-14	28.201	0.082	Kuiper et al (2008)	9.82597	0.121	0.00159958	0.121	303.444	0.177	0.99344668	0.073	1	4.8E-14	9	FEB	2015	12	10	1
15D04306	3.0 %	HO-HI-3	Groundmass	Marquesas Islands	CT-NM (R98) (4C25-14	28.201	0.082	Kuiper et al (2008)	9.82597	0.121	0.00159958	0.121	303.444	0.177	0.99344668	0.073	1	4.8E-14	9	FEB	2015	12	36	1
15D04307	3.2 %	HO-HI-3	Groundmass	Marquesas Islands	CT-NM (R98) (4C25-14	28.201	0.082	Kuiper et al (2008)	9.82597	0.121	0.00159958	0.121	303.444	0.177	0.99344668	0.073	1	4.8E-14	9	FEB	2015	12	49	1
15D04308	3.4 %	HO-HI-3	Groundmass	Marquesas Islands	CT-NM (R98) (4C25-14	28.201	0.082	Kuiper et al (2008)	9.82597	0.121	0.00159958	0.121	303.444	0.177	0.99344668	0.073	1	4.8E-14	9	FEB	2015	13	2	1
15D04310	3.6 %	HO-HI-3	Groundmass	Marquesas Islands	CT-NM (R98) (4C25-14	28.201	0.082	Kuiper et al (2008)	9.82597	0.121	0.00159958	0.121	303.444	0.177	0.99344668	0.073	1	4.8E-14	9	FEB	2015	13	27	1
15D04311	3.9 %	HO-HI-3	Groundmass	Marquesas Islands	CT-NM (R98) (4C25-14	28.201	0.082	Kuiper et al (2008)	9.82597	0.121	0.00159958	0.121	303.444	0.177	0.99344668	0.073	1	4.8E-14	9	FEB	2015	13	40	1
15D04312	4.2 %	HO-HI-3	Groundmass	Marquesas Islands	CT-NM (R98) (4C25-14	28.201	0.082	Kuiper et al (2008)	9.82597	0.121	0.00159958	0.121	303.444	0.177	0.99344668	0.073	1	4.8E-14	9	FEB	2015	13	52	1
15D04314	4.5 %	HO-HI-3	Groundmass	Marquesas Islands	CT-NM (R98) (4C25-14	28.201	0.082	Kuiper et al (2008)	9.82597	0.121	0.00159958	0.121	303.444	0.177	0.99344668	0.073	1	4.8E-14	9	FEB	2015	14	17	1
15D04315	**4.8 %**	**HO-HI-3**	**Groundmass**	**Marquesas Islands**	**CT-NM (R98) (4C25-14**	**28.201**	**0.082**	**Kuiper et al (2008)**	**9.82597**	**0.121**	**0.00159958**	**0.121**	**303.444**	**0.177**	**0.99344668**	**0.073**	**1**	**4.8E-14**	**9**	**FEB**	**2015**	**14**	**30**	**1**
15D04316	**5.1 %**	**HO-HI-3**	**Groundmass**	**Marquesas Islands**	**CT-NM (R98) (4C25-14**	**28.201**	**0.082**	**Kuiper et al (2008)**	**9.82597**	**0.121**	**0.00159958**	**0.121**	**303.444**	**0.177**	**0.99344668**	**0.073**	**1**	**4.8E-14**	**9**	**FEB**	**2015**	**14**	**42**	**1**
15D04318	**5.4 %**	**HO-HI-3**	**Groundmass**	**Marquesas Islands**	**CT-NM (R98) (4C25-14**	**28.201**	**0.082**	**Kuiper et al (2008)**	**9.82597**	**0.121**	**0.00159958**	**0.121**	**303.444**	**0.177**	**0.99344668**	**0.073**	**1**	**4.8E-14**	**9**	**FEB**	**2015**	**15**	**7**	**1**
15D04319	**5.8 %**	**HO-HI-3**	**Groundmass**	**Marquesas Islands**	**CT-NM (R98) (4C25-14**	**28.201**	**0.082**	**Kuiper et al (2008)**	**9.82597**	**0.121**	**0.00159958**	**0.121**	**303.444**	**0.177**	**0.99344668**	**0.073**	**1**	**4.8E-14**	**9**	**FEB**	**2015**	**15**	**20**	**1**
15D04320	**6.2 %**	**HO-HI-3**	**Groundmass**	**Marquesas Islands**	**CT-NM (R98) (4C25-14**	**28.201**	**0.082**	**Kuiper et al (2008)**	**9.82597**	**0.121**	**0.00159958**	**0.121**	**303.444**	**0.177**	**0.99344668**	**0.073**	**1**	**4.8E-14**	**9**	**FEB**	**2015**	**15**	**32**	**1**
15D04322	**6.8 %**	**HO-HI-3**	**Groundmass**	**Marquesas Islands**	**CT-NM (R98) (4C25-14**	**28.201**	**0.082**	**Kuiper et al (2008)**	**9.82597**	**0.121**	**0.00159958**	**0.121**	**303.444**	**0.177**	**0.99344668**	**0.073**	**1**	**4.8E-14**	**9**	**FEB**	**2015**	**15**	**57**	**1**
15D04323	**7.4 %**	**HO-HI-3**	**Groundmass**	**Marquesas Islands**	**CT-NM (R98) (4C25-14**	**28.201**	**0.082**	**Kuiper et al (2008)**	**9.82597**	**0.121**	**0.00159958**	**0.121**	**303.444**	**0.177**	**0.99344668**	**0.073**	**1**	**4.8E-14**	**9**	**FEB**	**2015**	**16**	**10**	**1**
15D04324	**8.2 %**	**HO-HI-3**	**Groundmass**	**Marquesas Islands**	**CT-NM (R98) (4C25-14**	**28.201**	**0.082**	**Kuiper et al (2008)**	**9.82597**	**0.121**	**0.00159958**	**0.121**	**303.444**	**0.177**	**0.99344668**	**0.073**	**1**	**4.8E-14**	**9**	**FEB**	**2015**	**16**	**22**	**1**
15D04326	**9.1 %**	**HO-HI-3**	**Groundmass**	**Marquesas Islands**	**CT-NM (R98) (4C25-14**	**28.201**	**0.082**	**Kuiper et al (2008)**	**9.82597**	**0.121**	**0.00159958**	**0.121**	**303.444**	**0.177**	**0.99344668**	**0.073**	**1**	**4.8E-14**	**9**	**FEB**	**2015**	**16**	**47**	**1**
15D04327	**10.1 %**	**HO-HI-3**	**Groundmass**	**Marquesas Islands**	**CT-NM (R98) (4C25-14**	**28.201**	**0.082**	**Kuiper et al (2008)**	**9.82597**	**0.121**	**0.00159958**	**0.121**	**303.444**	**0.177**	**0.99344668**	**0.073**	**1**	**4.8E-14**	**9**	**FEB**	**2015**	**17**	**0**	**1**
15D04328	11.2 %	HO-HI-3	Groundmass	Marquesas Islands	CT-NM (R98) (4C25-14	28.201	0.082	Kuiper et al (2008)	9.82597	0.121	0.00159958	0.121	303.444	0.177	0.99344668	0.073	1	4.8E-14	9	FEB	2015	17	12	1
15D04330	12.3 %	HO-HI-3	Groundmass	Marquesas Islands	CT-NM (R98) (4C25-14	28.201	0.082	Kuiper et al (2008)	9.82597	0.121	0.00159958	0.121	303.444	0.177	0.99344668	0.073	1	4.8E-14	9	FEB	2015	17	37	1
15D04331	13.5 %	HO-HI-3	Groundmass	Marquesas Islands	CT-NM (R98) (4C25-14	28.201	0.082	Kuiper et al (2008)	9.82597	0.121	0.00159958	0.121	303.444	0.177	0.99344668	0.073	1	4.8E-14	9	FEB	2015	17	50	1
15D04332	14.8 %	HO-HI-3	Groundmass	Marquesas Islands	CT-NM (R98) (4C25-14	28.201	0.082	Kuiper et al (2008)	9.82597	0.121	0.00159958	0.121	303.444	0.177	0.99344668	0.073	1	4.8E-14	9	FEB	2015	18	2	1
15D04334	16.2 %	HO-HI-3	Groundmass	Marquesas Islands	CT-NM (R98) (4C25-14	28.201	0.082	Kuiper et al (2008)	9.82597	0.121	0.00159958	0.121	303.444	0.177	0.99344668	0.073	1	4.8E-14	9	FEB	2015	18	27	1
15D04335	17.7 %	HO-HI-3	Groundmass	Marquesas Islands	CT-NM (R98) (4C25-14	28.201	0.082	Kuiper et al (2008)	9.82597	0.121	0.00159958	0.121	303.444	0.177	0.99344668	0.073	1	4.8E-14	9	FEB	2015	18	40	1
15D04336	19.8 %	HO-HI-3	Groundmass	Marquesas Islands	CT-NM (R98) (4C25-14	28.201	0.082	Kuiper et al (2008)	9.82597	0.121	0.00159958	0.121	303.444	0.177	0.99344668	0.073	1	4.8E-14	9	FEB	2015	18	53	1
15D04338	22.1 %	HO-HI-3	Groundmass	Marquesas Islands	CT-NM (R98) (4C25-14	28.201	0.082	Kuiper et al (2008)	9.82597	0.121	0.00159958	0.121	303.444	0.177	0.99344668	0.073	1	4.8E-14	9	FEB	2015	19	18	1
15D04339	24.5 %	HO-HI-3	Groundmass	Marquesas Islands	CT-NM (R98) (4C25-14	28.201	0.082	Kuiper et al (2008)	9.82597	0.121	0.00159958	0.121	303.444	0.177	0.99344668	0.073	1	4.8E-14	9	FEB	2015	19	31	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
15D04294	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
15D04295	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
15D04296	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
15D04298	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
15D04299	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
15D04300	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
15D04302	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
15D04303	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
15D04304	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
15D04306	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
15D04307	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
15D04308	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
15D04310	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
15D04311	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
15D04312	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
15D04314	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
15D04315	**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**
15D04316	**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**
15D04318	**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**
15D04319	**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**
15D04320	**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**
15D04322	**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**
15D04323	**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**
15D04324	**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**
15D04326	**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**
15D04327	**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**
15D04328	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
15D04330	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
15D04331	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
15D04332	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
15D04334	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
15D04335	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
15D04336	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
15D04338	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
15D04339	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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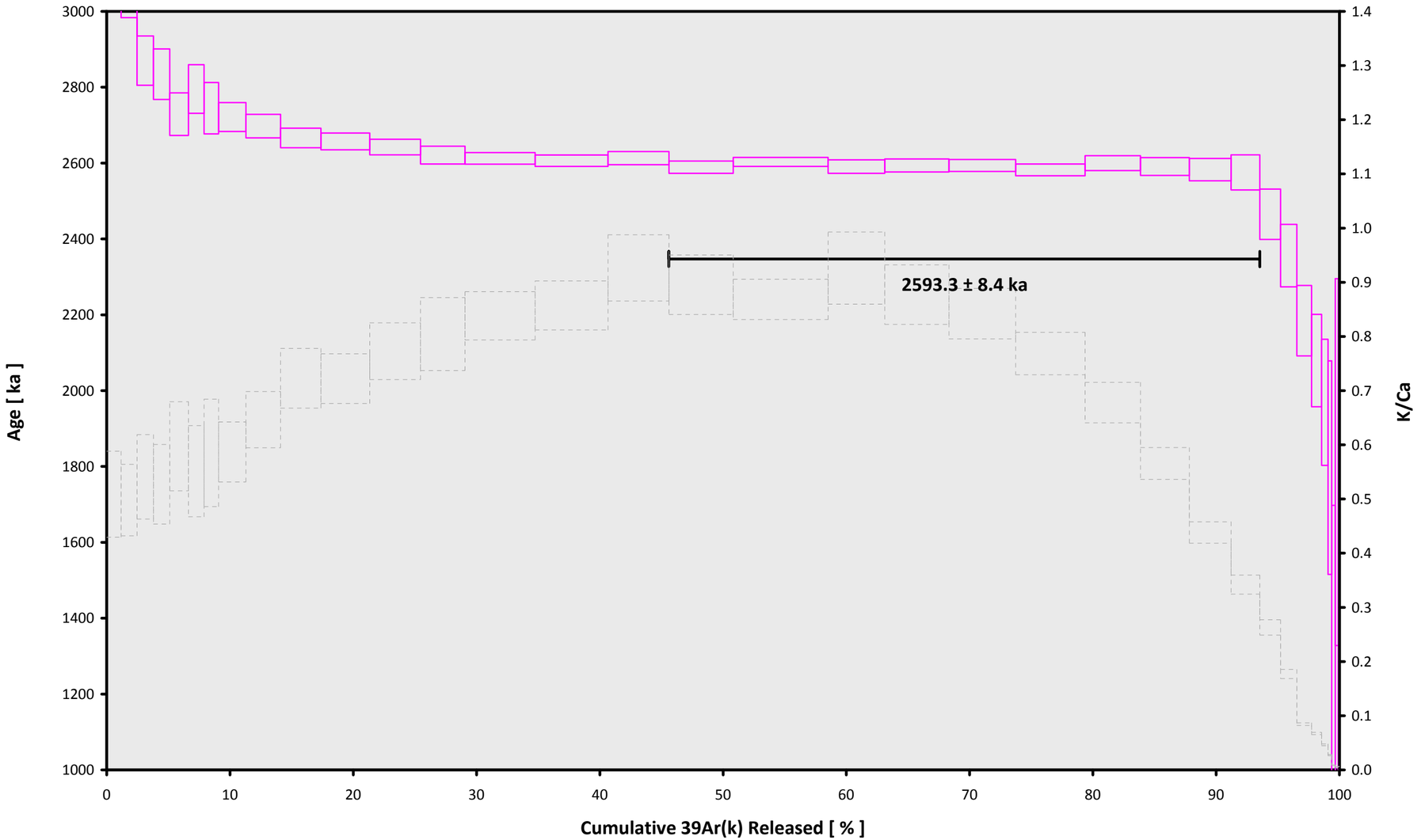


Ar-Ages in ka

WEIGHTED PLATEAU
2593.3 ± 8.4
TOTAL FUSION
2609.6 ± 8.3
NORMAL ISOCHRON
2595.7 ± 9.5
INVERSE ISOCHRON
2595.7 ± 9.5

MSWD (PROBABILITY)
0.75 (66%)

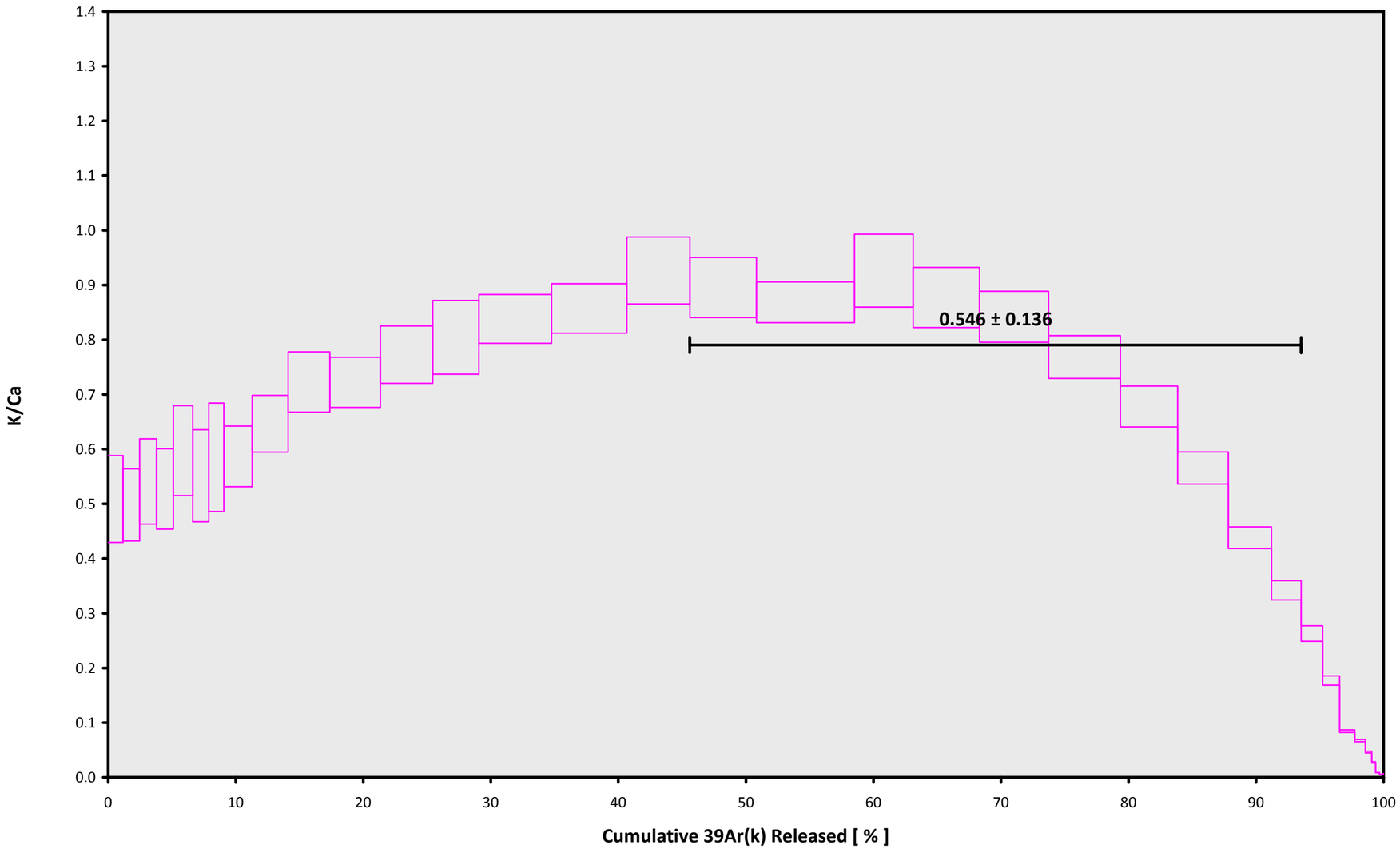
Sample Info

Groundmass
Marquesas Islands
Kevin Konrad

IRR = 14-OSU-04 (R98)
J = 0.00159958 ± 0.00000194

OSU Argon Geochronology Lab
CEOAS Oregon State University, Corvallis, USA

15D04293.AGE >>> HO-HI-3 >>> FRENCH POLYNESIA | MARQUESAS (14-INT-06) PROJECT



Ar-Ages in ka

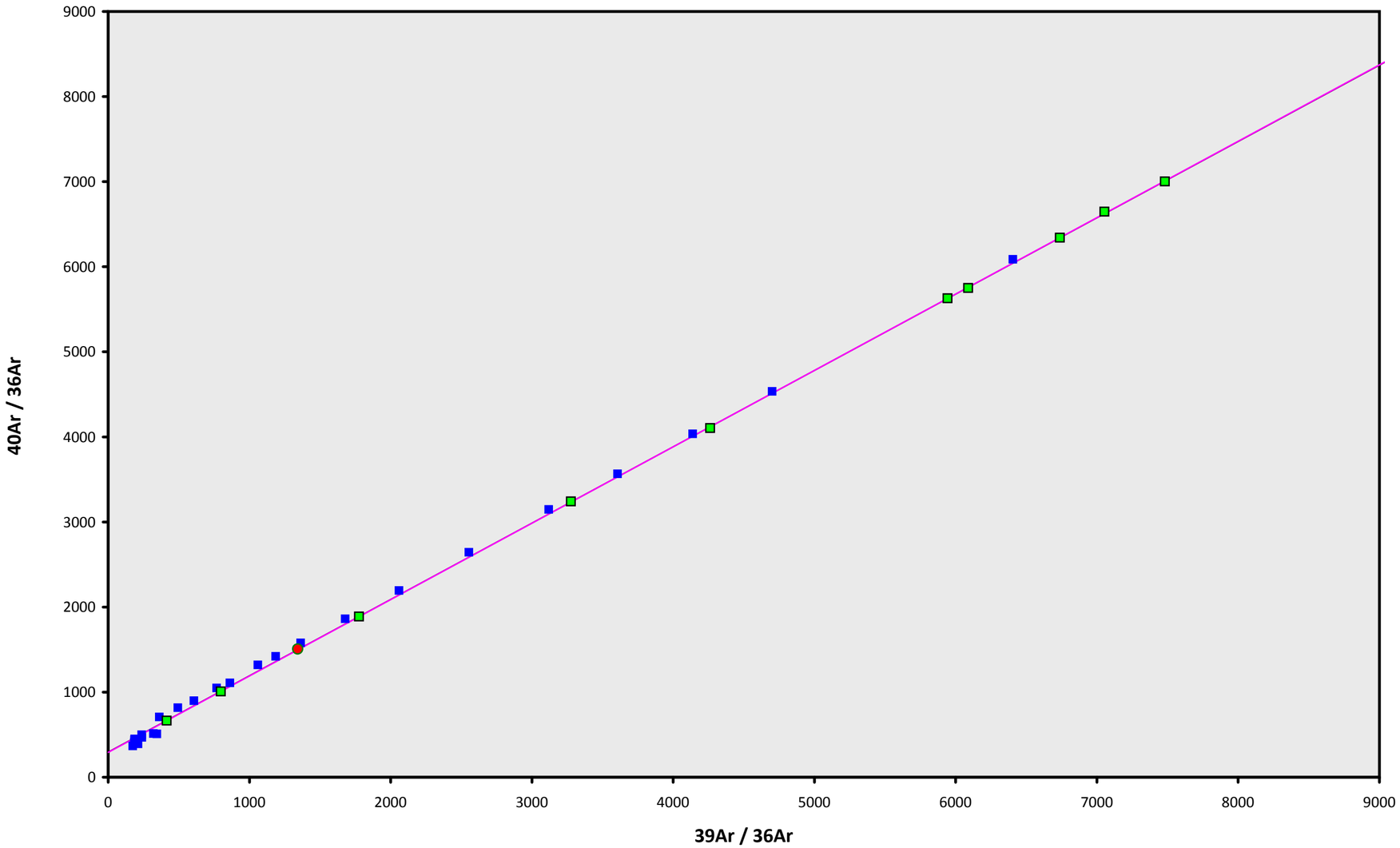
WEIGHTED PLATEAU
2593.3 ± 8.4
TOTAL FUSION
2609.6 ± 8.3
NORMAL ISOCHRON
2595.7 ± 9.5
INVERSE ISOCHRON
2595.7 ± 9.5

Sample Info

Groundmass
Marquesas Islands
Kevin Konrad

IRR = 14-OSU-04 (R98)
J = 0.00159958 ± 0.00000194

15D04293.AGE >>> HO-HI-3 >>> FRENCH POLYNESIA | MARQUESAS (14-INT-06) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU
2593.3 ± 8.4
TOTAL FUSION
2609.6 ± 8.3
NORMAL ISOCHRON
2595.7 ± 9.5
INVERSE ISOCHRON
2595.7 ± 9.5

MSWD (PROBABILITY)
0.69 (70%)

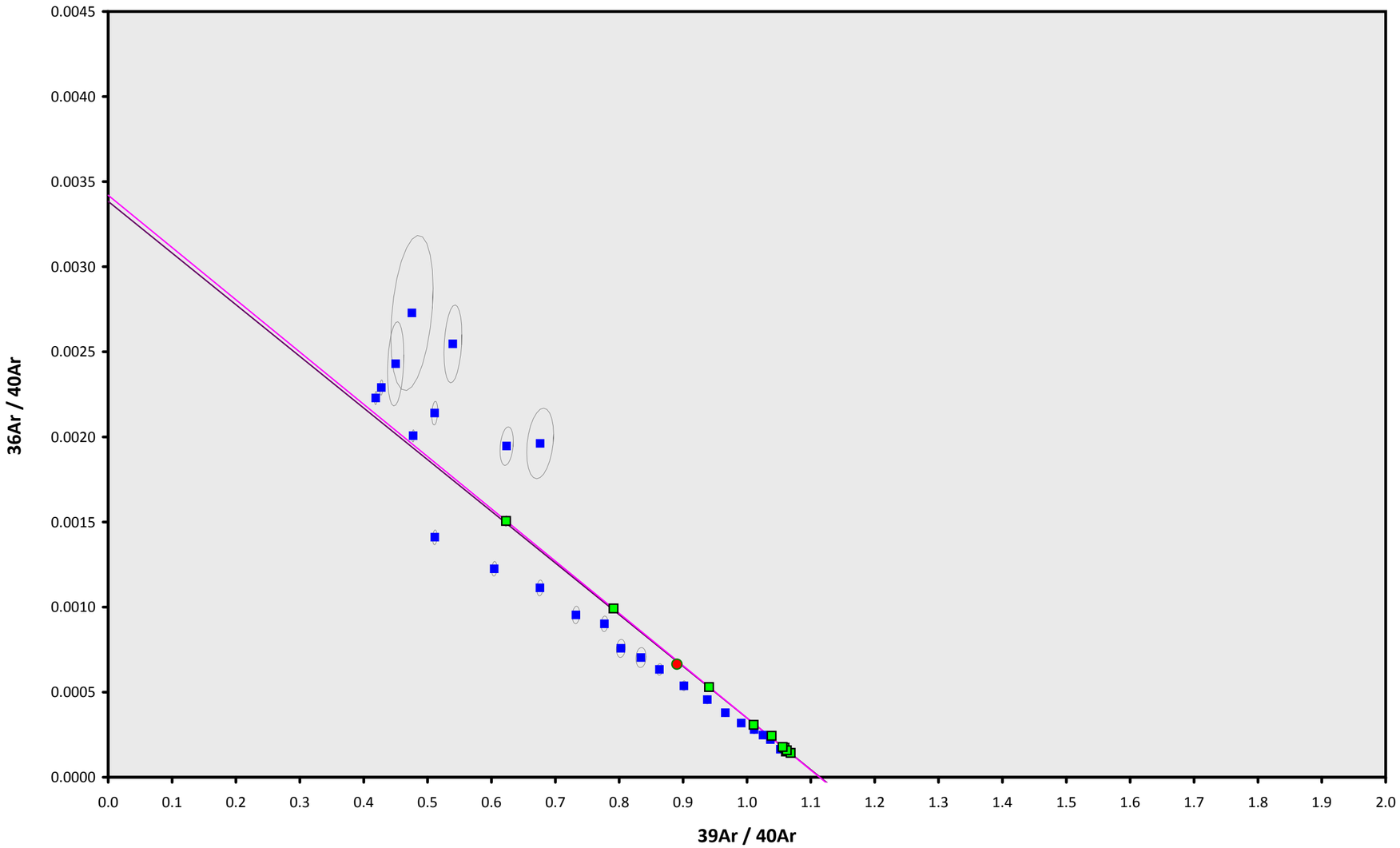
40AR/36AR INTERCEPT
292.2 ± 5.6

Sample Info

Groundmass
Marquesas Islands
Kevin Konrad

IRR = 14-OSU-04 (R98)
J = 0.00159958 ± 0.00000194

15D04293.AGE >>> HO-HI-3 >>> FRENCH POLYNESIA | MARQUESAS (14-INT-06) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU
2593.3 ± 8.4
TOTAL FUSION
2609.6 ± 8.3
NORMAL ISOCHRON
2595.7 ± 9.5
INVERSE ISOCHRON
2595.7 ± 9.5

MSWD (PROBABILITY)
0.69 (70%)

SPREADING FACTOR
40.0%

40AR/36AR INTERCEPT
292.3 ± 5.6

Sample Info

Groundmass
Marquesas Islands
Kevin Konrad

IRR = 14-OSU-04 (R98)
J = 0.00159958 ± 0.00000194