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
15D04626	1.8 %		0.0594327	1.509	52.1282	3.423	0.290702	14.645	20.4031	0.212	25.49685	0.212	0.58843 ± 0.02997	1732.3 ± 88.2	47.01	1.95	0.168 ± 0.012
15D04627	1.9 %		0.0470180	1.725	41.2096	4.591	0.262876	16.734	18.7178	0.225	21.01851	0.256	0.55241 ± 0.03077	1626.3 ± 90.5	49.12	1.79	0.195 ± 0.018
15D04628	2.0 %		0.0401035	1.944	42.1585	4.523	0.262013	17.208	18.5876	0.210	19.20243	0.283	0.57255 ± 0.03023	1685.6 ± 89.0	55.34	1.78	0.189 ± 0.017
15D04630	2.1 %		0.0284689	2.612	38.5154	4.531	0.266839	16.619	17.5109	0.221	15.24944	0.357	0.56218 ± 0.03032	1655.1 ± 89.2	64.46	1.67	0.195 ± 0.018
15D04631	2.2 %		0.0273751	2.606	40.8003	4.399	0.239787	18.095	19.1632	0.204	15.92390	0.336	0.57483 ± 0.02714	1692.3 ± 79.9	69.08	1.83	0.202 ± 0.018
15D04632	2.3 %		0.0249797	2.876	41.7645	4.334	0.228419	20.260	19.2038	0.204	15.24004	0.348	0.57875 ± 0.02727	1703.8 ± 80.2	72.82	1.84	0.197 ± 0.017
15D04634	2.4 %		0.0288090	2.551	46.8470	4.157	0.278126	16.207	22.6723	0.179	17.12990	0.318	0.54107 ± 0.02398	1592.9 ± 70.6	71.51	2.17	0.208 ± 0.017
15D04635	2.6 %		0.0292738	2.543	51.9549	3.528	0.297888	14.770	25.0681	0.165	18.48552	0.296	0.55382 ± 0.02149	1630.4 ± 63.2	75.00	2.40	0.207 ± 0.015
15D04636	2.8 %		0.0328189	2.296	62.8920	3.030	0.389888	10.939	29.9546	0.149	21.38989	0.255	0.55403 ± 0.01835	1631.1 ± 54.0	77.48	2.86	0.205 ± 0.012
15D04638	3.0 %		0.0378725	2.024	75.0848	2.415	0.428526	10.060	36.5879	0.130	25.46694	0.216	0.55004 ± 0.01500	1619.3 ± 44.1	78.91	3.50	0.209 ± 0.010
15D04639	3.2 %		0.0398118	1.939	81.9549	2.439	0.493756	9.195	41.0350	0.114	27.72989	0.190	0.54465 ± 0.01379	1603.5 ± 40.6	80.49	3.92	0.215 ± 0.010
15D04640	3.4 %		0.0392309	2.001	81.2134	2.323	0.506582	9.115	42.1365	0.116	27.98897	0.192	0.53922 ± 0.01336	1587.5 ± 39.3	81.07	4.03	0.223 ± 0.010
15D04642	3.6 %	✓	0.0341832	2.181	70.3051	2.686	0.423550	10.583	37.6986	0.125	24.43128	0.225	0.52526 ± 0.01444	1546.4 ± 42.5	80.95	3.61	0.230 ± 0.012
15D04643	3.9 %	✓	0.0449269	1.742	96.0987	2.133	0.658154	6.605	51.5361	0.106	32.99610	0.163	0.52789 ± 0.01118	1554.2 ± 32.9	82.35	4.93	0.230 ± 0.010
15D04644	4.2 %	✓	0.0429443	1.892	97.3424	1.958	0.608977	7.027	51.9814	0.105	32.53395	0.167	0.52752 ± 0.01114	1553.1 ± 32.8	84.18	4.97	0.229 ± 0.009
15D04646	4.5 %	✓	0.0442827	1.731	98.0076	1.947	0.639718	6.772	54.9391	0.104	34.43207	0.159	0.52736 ± 0.01014	1552.6 ± 29.8	84.04	5.26	0.241 ± 0.009
15D04647	4.8 %	✓	0.0460955	1.717	104.3343	1.881	0.700025	6.190	59.9379	0.095	36.93094	0.144	0.52432 ± 0.00956	1543.6 ± 28.1	85.00	5.73	0.247 ± 0.009
15D04648	5.1 %	✓	0.0538488	1.506	120.5537	1.626	0.808216	5.681	69.4753	0.093	42.54366	0.125	0.51830 ± 0.00839	1525.9 ± 24.7	84.54	6.65	0.248 ± 0.008
15D04650	5.4 %	✓	0.0454063	1.727	101.8588	1.913	0.654011	6.480	59.7931	0.098	36.76469	0.148	0.52295 ± 0.00951	1539.6 ± 28.0	84.95	5.72	0.252 ± 0.010
15D04651	5.8 %	✓	0.0435685	1.915	96.0815	2.053	0.706799	6.269	57.8766	0.100	35.52384	0.154	0.52049 ± 0.01028	1532.4 ± 30.3	84.71	5.54	0.259 ± 0.011
15D04652	6.2 %	✓	0.0471956	1.660	98.2219	1.995	0.707745	6.450	59.7383	0.099	37.28409	0.145	0.51854 ± 0.00953	1526.6 ± 28.0	82.99	5.72	0.261 ± 0.010
15D04654	6.8 %	✓	0.0458199	1.733	88.8507	2.201	0.622748	7.291	53.2458	0.100	33.99108	0.158	0.51386 ± 0.01077	1512.9 ± 31.7	80.40	5.09	0.257 ± 0.011
15D04655	7.4 %	✓	0.0324805	2.387	61.8315	3.143	0.486101	9.426	36.6653	0.131	23.65720	0.230	0.51474 ± 0.01536	1515.5 ± 45.2	79.69	3.51	0.255 ± 0.016
15D04656	8.2 %		0.0403076	2.006	68.0721	2.790	0.457204	9.959	36.6897	0.124	25.28089	0.210	0.50886 ± 0.01567	1498.2 ± 46.1	73.76	3.51	0.231 ± 0.013
15D04658	9.1 %		0.0459490	1.723	72.3181	2.662	0.383778	11.090	32.1642	0.137	24.10344	0.222	0.50243 ± 0.01769	1479.2 ± 52.0	66.94	3.08	0.191 ± 0.010
15D04659	10.1 %		0.0406465	1.892	58.9772	3.068	0.303573	14.669	21.0472	0.189	17.40011	0.310	0.47479 ± 0.02604	1397.9 ± 76.6	57.32	2.01	0.153 ± 0.009
15D04660	11.2 %		0.0547487	1.478	89.6782	2.106	0.239956	18.866	17.1027	0.233	16.26235	0.331	0.41464 ± 0.03362	1220.8 ± 99.0	43.45	1.63	0.082 ± 0.003
15D04662	12.3 %		0.0445397	1.748	76.7713	2.391	0.199422	22.230	9.9221	0.359	10.44474	0.515	0.33127 ± 0.05605	975.4 ± 165.0	31.31	0.95	0.055 ± 0.003
15D04663	13.5 %		0.0443412	1.717	84.8093	2.202	0.155803	28.484	7.9907	0.465	8.62901	0.624	0.26971 ± 0.06896	794.2 ± 203.0	24.80	0.76	0.040 ± 0.002
15D04664	14.8 %		0.0557165	1.408	125.3364	1.550	0.128345	35.442	7.1503	0.537	8.16325	0.653	0.20853 ± 0.07986	614.1 ± 235.1	18.05	0.68	0.024 ± 0.001
15D04666	16.2 %		0.0232490	2.970	50.0140	3.601	0.043799	97.491	2.5281	1.405	3.45677	1.526	0.19525 ± 0.20320	575.0 ± 598.3	14.09	0.24	0.021 ± 0.002
15D04667	17.7 %		0.0320769	2.311	80.3160	2.369	0.035031	122.419	2.0848	1.751	3.49430	1.525	0.13785 ± 0.26595	406.0 ± 783.1	8.01	0.19	0.011 ± 0.001
15D04668	19.8 %		0.0645384	1.341	178.3557	1.169	0.086352	48.631	2.4486	1.445	5.47007	0.975	0.13546 ± 0.26441	398.9 ± 778.6	5.77	0.22	0.006 ± 0.000
15D04670	22.1 %		0.0515396	1.494	147.9641	1.363	0.053067	81.885	1.5141	2.373	3.80047	1.411	0.08133 ± 0.39845	239.5 ± 1173.4	3.03	0.14	0.004 ± 0.000
15D04671	24.5 %		0.0608107	1.451	179.5576	1.148	0.020086	217.201	1.4882	2.400	4.19552	1.285	0.16984 ± 0.45507	500.2 ± 1340.0	5.54	0.13	0.003 ± 0.000
		Σ	1.4744107	0.314	2902.1803	0.389	13.067860	2.001	1046.0588	0.026	752.11210	0.042					

Information on Analysis and Constants Used in Calculations

Project = **MARQUESAS (14-INT-06)**
Sample = **FH-OM-1**
Material = **Groundmass**
Location = **Marquesas Islands**
Region = **French Polynesia**
Analyst = **Kevin Konrad**
Irradiation = **14-OSU-04 (R98)**
Position = **X: 0 | Y: 0 | Z/H: 39.68 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **9.64981 ± 0.01187**
FCT-NM J-value = **0.00162878 ± 0.00000200**
Air Shot 40Ar/36Ar = **303.4580 ± 0.5311**
Air Shot MDF = **0.99343543 ± 0.00071813 (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-FH-OM-01**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Basalt**
Lat-Lon = **10°30.6'S - 138°40.8'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

	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (ka)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau		0.52189 ± 0.00316 ± 0.61%	**1536.5 ± 10.0 ± 0.65%**	0.83 60%	56.72 11	0.245 ± 0.007
		Full External Error ± 36.1		1.89	2σ Confidence Limit	
		Analytical Error ± 9.3		1.0000	Error Magnification	
Total Fusion Age		0.51898 ± 0.00319 ± 0.61%	**1527.9 ± 10.1 ± 0.66%**		35	0.155 ± 0.001
		Full External Error ± 35.9				
		Analytical Error ± 9.4				
Normal Isochron	**287.81 ± 73.26 ± 25.45%**	0.52402 ± 0.02563 ± 4.89%	**1542.8 ± 75.5 ± 4.90%**	0.92	56.72	
No Convergence		Full External Error ± 83.2		51%	11	
		Analytical Error ± 75.4		1.94	2σ Confidence Limit	
				1.0000	Error Magnification	
				100	Number of Iterations	
				0.0000165635	Convergence	
Inverse Isochron	**297.42 ± 82.30 ± 27.67%**	0.52123 ± 0.02611 ± 5.01%	**1534.6 ± 76.9 ± 5.01%**	0.92	56.72	
Clustered Points		Full External Error ± 84.4		51%	11	
		Analytical Error ± 76.8		1.94	2σ Confidence Limit	
				1.0000	Error Magnification	
				3	Number of Iterations	
				0.0011501027	Convergence	
				5%	Spreading Factor	

Notes
The plateau began with typical recoil step pattern, which continually decreases in apparent age. Then the age leveled off, producing a long plateau. The highest temperature steps display a dramatic decrease in both apparent age and K/Ca indicating high te

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
15D04626	1.8 %		0.0456555	52.1282	0.0496564	20.3680	11.98507	1732.3 ± 88.2	47.01	1.95	0.168 ± 0.012
15D04627	1.9 %		0.0361255	41.2096	0.0428585	18.6900	10.32455	1626.3 ± 90.5	49.12	1.79	0.195 ± 0.018
15D04628	2.0 %		0.0289599	42.1585	0.0448105	18.5592	10.62603	1685.6 ± 89.0	55.34	1.78	0.189 ± 0.017
15D04630	2.1 %		0.0182811	38.5154	0.0639083	17.4850	9.82971	1655.1 ± 89.2	64.46	1.67	0.195 ± 0.018
15D04631	2.2 %		0.0165981	40.8003	0.0183526	19.1357	10.99983	1692.3 ± 79.9	69.08	1.83	0.202 ± 0.018
15D04632	2.3 %		0.0139518	41.7645	0.0070112	19.1757	11.09793	1703.8 ± 80.2	72.82	1.84	0.197 ± 0.017
15D04634	2.4 %		0.0164362	46.8470	0.0167515	22.6407	12.25013	1592.9 ± 70.6	71.51	2.17	0.208 ± 0.017
15D04635	2.6 %		0.0155549	51.9549	0.0093809	25.0332	13.86378	1630.4 ± 63.2	75.00	2.40	0.207 ± 0.015
15D04636	2.8 %		0.0162014	62.8920	0.0455843	29.9122	16.57216	1631.1 ± 54.0	77.48	2.86	0.205 ± 0.012
15D04638	3.0 %		0.0180475	75.0848	0.0083141	36.5373	20.09699	1619.3 ± 44.1	78.91	3.50	0.209 ± 0.010
15D04639	3.2 %		0.0181687	81.9549	0.0228704	40.9798	22.31966	1603.5 ± 40.6	80.49	3.92	0.215 ± 0.010
15D04640	3.4 %		0.0177834	81.2134	0.0232386	42.0818	22.69148	1587.5 ± 39.3	81.07	4.03	0.223 ± 0.010
15D04642	3.6 %	✓	0.0156226	70.3051	0.0000000	37.6513	19.77677	1546.4 ± 42.5	80.95	3.61	0.230 ± 0.012
15D04643	3.9 %	✓	0.0195361	96.0987	0.0674230	51.4714	27.17120	1554.2 ± 32.9	82.35	4.93	0.230 ± 0.010
15D04644	4.2 %	✓	0.0172417	97.3424	0.0135988	51.9158	27.38659	1553.1 ± 32.8	84.18	4.97	0.229 ± 0.009
15D04646	4.5 %	✓	0.0184054	98.0076	0.0104591	54.8732	28.93784	1552.6 ± 29.8	84.04	5.26	0.241 ± 0.009
15D04647	4.8 %	✓	0.0185470	104.3343	0.0138137	59.8677	31.38984	1543.6 ± 28.1	85.00	5.73	0.247 ± 0.009
15D04648	5.1 %	✓	0.0220186	120.5537	0.0127187	69.3942	35.96707	1525.9 ± 24.7	84.54	6.65	0.248 ± 0.008
15D04650	5.4 %	✓	0.0185156	101.8588	0.0000000	59.7245	31.23301	1539.6 ± 28.0	84.95	5.72	0.252 ± 0.010
15D04651	5.8 %	✓	0.0181894	96.0815	0.0441634	57.8120	30.09050	1532.4 ± 30.3	84.71	5.54	0.259 ± 0.011
15D04652	6.2 %	✓	0.0212578	98.2219	0.0233370	59.6722	30.94214	1526.6 ± 28.0	82.99	5.72	0.261 ± 0.010
15D04654	6.8 %	✓	0.0223596	88.8507	0.0120776	53.1860	27.33010	1512.9 ± 31.7	80.40	5.09	0.257 ± 0.011
15D04655	7.4 %	✓	0.0161368	61.8315	0.0654477	36.6237	18.85180	1515.5 ± 45.2	79.69	3.51	0.255 ± 0.016
15D04656	8.2 %		0.0223258	68.0721	0.0350783	36.6439	18.64661	1498.2 ± 46.1	73.76	3.51	0.231 ± 0.013
15D04658	9.1 %		0.0268532	72.3181	0.0122794	32.1155	16.13587	1479.2 ± 52.0	66.94	3.08	0.191 ± 0.010
15D04659	10.1 %		0.0250584	58.9772	0.0590045	21.0075	9.97415	1397.9 ± 76.6	57.32	2.01	0.153 ± 0.009
15D04660	11.2 %		0.0310617	89.6782	0.0389621	17.0424	7.06641	1220.8 ± 99.0	43.45	1.63	0.082 ± 0.003
15D04662	12.3 %		0.0242469	76.7713	0.0814973	9.8705	3.26981	975.4 ± 165.0	31.31	0.95	0.055 ± 0.003
15D04663	13.5 %		0.0219330	84.8093	0.0602397	7.9336	2.13980	794.2 ± 203.0	24.80	0.76	0.040 ± 0.002
15D04664	14.8 %		0.0226147	125.3364	0.0419663	7.0659	1.47346	614.1 ± 235.1	18.05	0.68	0.024 ± 0.001
15D04666	16.2 %		0.0100413	50.0140	0.0128400	2.4945	0.48705	575.0 ± 598.3	14.09	0.24	0.021 ± 0.002
15D04667	17.7 %		0.0108708	80.3160	0.0087734	2.0307	0.27993	406.0 ± 783.1	8.01	0.19	0.011 ± 0.001
15D04668	19.8 %		0.0174358	178.3557	0.0541152	2.3285	0.31543	398.9 ± 778.6	5.77	0.22	0.006 ± 0.000
15D04670	22.1 %		0.0124670	147.9641	0.0325831	1.4145	0.11504	239.5 ± 1173.4	3.03	0.14	0.004 ± 0.000
15D04671	24.5 %		0.0134075	179.5576	0.0000000	1.3673	0.23223	500.2 ± 1340.0	5.54	0.13	0.003 ± 0.000
		Σ	0.7079106	2902.1803	1.0531157	1044.1056	541.86996				

Information on Analysis

Project = **MARQUESAS (14-INT-06)**
Sample = **FH-OM-1**
Material = **Groundmass**
Location = **Marquesas Islands**
Region = **French Polynesia**
Analyst = **Kevin Konrad**
Irradiation = **14-OSU-04 (R98)**
J = **0.00162878 ± 0.00000200**
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	0.52189 ± 0.00316 ± 0.61%	**1536.5 ± 10.0 ± 0.65%**	0.83	56.72	0.245 ± 0.007
			60%	11	
	Full External Error ± 36.1		1.89	2σ Confidence Limit	
	Analytical Error ± 9.3		1.0000	Error Magnification	
Total Fusion Age	0.51898 ± 0.00319 ± 0.61%	**1527.9 ± 10.1 ± 0.66%**		35	0.155 ± 0.001
	Full External Error ± 35.9				
	Analytical Error ± 9.4				

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
15D04626	1.8 %		446.12 ± 19.89	558.01 ± 24.87	0.9910
15D04627	1.9 %		517.36 ± 27.39	581.30 ± 30.80	0.9917
15D04628	2.0 %		640.86 ± 41.17	662.42 ± 42.63	0.9940
15D04630	2.1 %		956.45 ± 91.64	833.20 ± 79.96	0.9962
15D04631	2.2 %		1152.88 ± 119.07	958.21 ± 99.09	0.9971
15D04632	2.3 %		1374.43 ± 170.11	1090.95 ± 135.17	0.9979
15D04634	2.4 %		1377.49 ± 150.43	1040.81 ± 113.79	0.9978
15D04635	2.6 %		1609.35 ± 183.81	1186.78 ± 135.67	0.9982
15D04636	2.8 %		1846.27 ± 206.60	1318.38 ± 147.63	0.9986
15D04638	3.0 %		2024.51 ± 202.84	1409.06 ± 141.26	0.9987
15D04639	3.2 %		2255.52 ± 232.25	1523.97 ± 156.99	0.9991
15D04640	3.4 %		2366.36 ± 247.46	1571.49 ± 164.41	0.9991
15D04642	**3.6 %**	✓	**2410.05 ± 276.76**	**1561.41 ± 179.40**	**0.9990**
15D04643	**3.9 %**	✓	**2634.68 ± 256.75**	**1686.32 ± 164.38**	**0.9992**
15D04644	**4.2 %**	✓	**3011.07 ± 333.86**	**1883.89 ± 208.94**	**0.9994**
15D04646	**4.5 %**	✓	**2981.36 ± 297.29**	**1867.75 ± 186.30**	**0.9993**
15D04647	**4.8 %**	✓	**3227.89 ± 329.38**	**1987.95 ± 202.90**	**0.9994**
15D04648	**5.1 %**	✓	**3151.61 ± 275.42**	**1928.98 ± 168.61**	**0.9994**
15D04650	**5.4 %**	✓	**3225.63 ± 326.79**	**1982.35 ± 200.88**	**0.9994**
15D04651	**5.8 %**	✓	**3178.34 ± 343.75**	**1949.79 ± 210.93**	**0.9994**
15D04652	**6.2 %**	✓	**2807.07 ± 248.06**	**1751.07 ± 154.78**	**0.9992**
15D04654	**6.8 %**	✓	**2378.67 ± 201.62**	**1517.80 ± 128.70**	**0.9990**
15D04655	**7.4 %**	✓	**2269.58 ± 261.63**	**1463.75 ± 168.83**	**0.9989**
15D04656	8.2 %		1641.33 ± 139.95	1130.71 ± 96.49	0.9984
15D04658	9.1 %		1195.96 ± 83.87	896.39 ± 62.94	0.9972
15D04659	10.1 %		838.34 ± 60.66	693.54 ± 50.30	0.9950
15D04660	11.2 %		548.66 ± 33.68	523.00 ± 32.20	0.9913
15D04662	12.3 %		407.08 ± 30.94	430.35 ± 32.87	0.9864
15D04663	13.5 %		361.72 ± 30.11	393.06 ± 32.87	0.9825
15D04664	14.8 %		312.45 ± 26.12	360.65 ± 30.26	0.9794
15D04666	16.2 %		248.42 ± 42.09	344.00 ± 58.41	0.9697
15D04667	17.7 %		186.80 ± 31.51	321.25 ± 53.84	0.9607
15D04668	19.8 %		133.55 ± 16.23	313.59 ± 37.41	0.9552
15D04670	22.1 %		113.46 ± 17.99	304.73 ± 46.57	0.9309
15D04671	24.5 %		101.98 ± 16.65	312.82 ± 49.04	0.9345

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (ka)	MSWD
Normal Isochron	**287.81 ± 73.26**	0.52402 ± 0.02563	**1542.8 ± 75.5**	0.92
No Convergence	**± 25.45%**	± 4.89%	**± 4.90%**	51%
			Full External Error ± 83.2	
			Analytical Error ± 75.4	

Statistics				
	2σ Confidence Limit	1.94	Convergence	0.000016563533
	Error Magnification	1.0000	Number of Iterations	100
	Number of Data Points	11	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
15D04626	1.8 %		0.7994887 ± 0.0047942	0.00179208 ± 0.00007988	0.0673
15D04627	1.9 %		0.8900170 ± 0.0060655	0.00172029 ± 0.00009116	0.0725
15D04628	2.0 %		0.9674496 ± 0.0068259	0.00150961 ± 0.00009715	0.0705
15D04630	2.1 %		1.1479262 ± 0.0096568	0.00120020 ± 0.00011519	0.0634
15D04631	2.2 %		1.2031595 ± 0.0094673	0.00104361 ± 0.00010792	0.0555
15D04632	2.3 %		1.2598470 ± 0.0101687	0.00091663 ± 0.00011357	0.0485
15D04634	2.4 %		1.3234753 ± 0.0096702	0.00096079 ± 0.00010504	0.0507
15D04635	2.6 %		1.3560585 ± 0.0091959	0.00084261 ± 0.00009633	0.0452
15D04636	2.8 %		1.4004062 ± 0.0082865	0.00075850 ± 0.00008494	0.0395
15D04638	3.0 %		1.4367789 ± 0.0072634	0.00070969 ± 0.00007115	0.0370
15D04639	3.2 %		1.4800305 ± 0.0065858	0.00065618 ± 0.00006760	0.0317
15D04640	3.4 %		1.5058012 ± 0.0067526	0.00063634 ± 0.00006657	0.0314
15D04642	3.6 %	✓	1.5435115 ± 0.0079491	0.00064045 ± 0.00007359	0.0342
15D04643	3.9 %	✓	1.5623847 ± 0.0061050	0.00059301 ± 0.00005781	0.0281
15D04644	4.2 %	✓	1.5983198 ± 0.0063232	0.00053082 ± 0.00005887	0.0256
15D04646	4.5 %	✓	1.5962340 ± 0.0060765	0.00053540 ± 0.00005340	0.0267
15D04647	4.8 %	✓	1.6237305 ± 0.0056180	0.00050303 ± 0.00005134	0.0235
15D04648	5.1 %	✓	1.6338208 ± 0.0051036	0.00051841 ± 0.00004531	0.0230
15D04650	5.4 %	✓	1.6271773 ± 0.0057902	0.00050445 ± 0.00005112	0.0245
15D04651	5.8 %	✓	1.6300929 ± 0.0059991	0.00051288 ± 0.00005548	0.0240
15D04652	6.2 %	✓	1.6030646 ± 0.0056456	0.00057108 ± 0.00005048	0.0273
15D04654	6.8 %	✓	1.5671807 ± 0.0058791	0.00065885 ± 0.00005587	0.0315
15D04655	7.4 %	✓	1.5505236 ± 0.0082137	0.00068318 ± 0.00007880	0.0347
15D04656	8.2 %		1.4515939 ± 0.0071042	0.00088440 ± 0.00007547	0.0425
15D04658	9.1 %		1.3341982 ± 0.0069808	0.00111558 ± 0.00007833	0.0539
15D04659	10.1 %		1.2087963 ± 0.0087841	0.00144188 ± 0.00010457	0.0729
15D04660	11.2 %		1.0490755 ± 0.0085136	0.00191206 ± 0.00011771	0.0880
15D04662	12.3 %		0.9459221 ± 0.0119094	0.00232366 ± 0.00017745	0.1107
15D04663	13.5 %		0.9202697 ± 0.0143796	0.00254414 ± 0.00021279	0.1195
15D04664	14.8 %		0.8663342 ± 0.0147291	0.00277273 ± 0.00023265	0.1196
15D04666	16.2 %		0.7221389 ± 0.0301612	0.00290694 ± 0.00049356	0.1315
15D04667	17.7 %		0.5814903 ± 0.0274326	0.00311284 ± 0.00052168	0.1179
15D04668	19.8 %		0.4258706 ± 0.0153878	0.00318887 ± 0.00038038	0.0882
15D04670	22.1 %		0.3723272 ± 0.0216507	0.00328162 ± 0.00050147	0.0897
15D04671	24.5 %		0.3260145 ± 0.0189946	0.00319671 ± 0.00050116	0.0724

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (ka)	MSWD
Inverse Isochron	**297.42 ± 82.30**	0.52123 ± 0.02611	**1534.6 ± 76.9**	0.92
Clustered Points	**± 27.67%**	± 5.01%	**± 5.01%**	51%
			Full External Error ± 84.4	
			Analytical Error ± 76.8	

Statistics				
2σ Confidence Limit	1.94	Convergence	0.0011501027
Error Magnification	1.0000	Number of Iterations	3
Number of Data Points	11	Calculated Line	Weighted York-2
Spreading Factor	4.7%		

Degassing Patterns			36Ar(a) [fA]	%1σ	36Ar(c) [fA]	%1σ	36Ar(ca) [fA]	%1σ	36Ar(cl) [fA]	%1σ	37Ar(ca) [fA]	%1σ	38Ar(a) [fA]	%1σ	38Ar(c) [fA]	%1σ	38Ar(k) [fA]	%1σ	38Ar(ca) [fA]	%1σ	38Ar(cl) [fA]	%1σ	39Ar(k) [fA]	%1σ	39Ar(ca) [fA]	%1σ	40Ar(r) [fA]	%1σ	40Ar(a) [fA]	%1σ	40Ar(c) [fA]	%1σ	40Ar(k) [fA]	%1σ
15D04626	1.8 %		0.0456555	2.22	0.0000000	0.00	0.0137619	3.42	0.0000153	85.75	52.1282	3.42	0.0085330	2.22	0.0000000	0.00	0.231788	0.21	0.0007246	3.42	0.0496564	85.76	20.3680	0.21	0.0350823	3.42	11.98507	2.54	13.49121	2.22	0.0000000	0.00	0.0205717	0.21
15D04627	1.9 %		0.0361255	2.64	0.0000000	0.00	0.0108793	4.59	0.0000132	102.65	41.2096	4.59	0.0067519	2.64	0.0000000	0.00	0.212693	0.23	0.0005728	4.59	0.0428585	102.66	18.6900	0.23	0.0277341	4.59	10.32455	2.78	10.67508	2.64	0.0000000	0.00	0.0188769	0.23
15D04628	2.0 %		0.0289599	3.21	0.0000000	0.00	0.0111298	4.52	0.0000138	100.63	42.1585	4.52	0.0054126	3.21	0.0000000	0.00	0.211204	0.21	0.0005860	4.52	0.0448105	100.64	18.5592	0.21	0.0283727	4.52	10.62603	2.63	8.55765	3.21	0.0000000	0.00	0.0187448	0.21
15D04630	2.1 %		0.0182811	4.79	0.0000000	0.00	0.0101681	4.53	0.0000197	69.41	38.5154	4.53	0.0034167	4.79	0.0000000	0.00	0.198979	0.22	0.0005354	4.53	0.0639083	69.41	17.4850	0.22	0.0259209	4.53	9.82971	2.69	5.40207	4.79	0.0000000	0.00	0.0176598	0.22
15D04631	2.2 %		0.0165981	5.16	0.0000000	0.00	0.0107713	4.40	0.0000057	236.45	40.8003	4.40	0.0031022	5.16	0.0000000	0.00	0.217765	0.20	0.0005671	4.40	0.0183526	236.45	19.1357	0.20	0.0274586	4.40	10.99983	2.35	4.90475	5.16	0.0000000	0.00	0.0193271	0.20
15D04632	2.3 %		0.0139518	6.19	0.0000000	0.00	0.0110258	4.33	0.0000022	660.13	41.7645	4.33	0.0026076	6.19	0.0000000	0.00	0.218220	0.20	0.0005805	4.33	0.0070112	660.13	19.1757	0.20	0.0281075	4.33	11.09793	2.35	4.12274	6.19	0.0000000	0.00	0.0193675	0.20
15D04634	2.4 %		0.0164362	5.46	0.0000000	0.00	0.0123676	4.16	0.0000052	269.12	46.8470	4.16	0.0030719	5.46	0.0000000	0.00	0.257652	0.18	0.0006512	4.16	0.0167515	269.12	22.6407	0.18	0.0315280	4.16	12.25013	2.21	4.85690	5.46	0.0000000	0.00	0.0228671	0.18
15D04635	2.6 %		0.0155549	5.71	0.0000000	0.00	0.0137161	3.53	0.0000029	469.08	51.9549	3.53	0.0029072	5.71	0.0000000	0.00	0.284877	0.17	0.0007222	3.53	0.0093809	469.08	25.0332	0.17	0.0349657	3.53	13.86378	1.93	4.59646	5.71	0.0000000	0.00	0.0252835	0.17
15D04636	2.8 %		0.0162014	5.59	0.0000000	0.00	0.0166035	3.03	0.0000140	93.58	62.8920	3.03	0.0030280	5.59	0.0000000	0.00	0.340401	0.15	0.0008742	3.03	0.0455843	93.58	29.9122	0.15	0.0423263	3.03	16.57216	1.65	4.78752	5.59	0.0000000	0.00	0.0302113	0.15
15D04638	3.0 %		0.0180475	5.01	0.0000000	0.00	0.0198224	2.42	0.0000026	518.57	75.0848	2.42	0.0033731	5.01	0.0000000	0.00	0.415795	0.13	0.0010437	2.42	0.0083141	518.57	36.5373	0.13	0.0505321	2.42	20.09699	1.36	5.33305	5.01	0.0000000	0.00	0.0369027	0.13
15D04639	3.2 %		0.0181687	5.15	0.0000000	0.00	0.0216361	2.44	0.0000070	198.54	81.9549	2.44	0.0033957	5.15	0.0000000	0.00	0.466350	0.11	0.0011392	2.44	0.0228704	198.54	40.9798	0.11	0.0551557	2.44	22.31966	1.26	5.36885	5.15	0.0000000	0.00	0.0413896	0.11
15D04640	3.4 %		0.0177834	5.23	0.0000000	0.00	0.0214403	2.32	0.0000072	198.74	81.2134	2.32	0.0033237	5.23	0.0000000	0.00	0.478891	0.12	0.0011289	2.32	0.0232386	198.74	42.0818	0.12	0.0546566	2.32	22.69148	1.23	5.25499	5.23	0.0000000	0.00	0.0425026	0.12
15D04642	3.6 %	✓	0.0156226	5.74	0.0000000	0.00	0.0185605	2.69	0.0000000	0.00	70.3051	2.69	0.0029199	5.74	0.0000000	0.00	0.428471	0.13	0.0009772	2.69	0.0000000	0.00	37.6513	0.13	0.0473153	2.69	19.77677	1.37	4.61649	5.74	0.0000000	0.00	0.0380278	0.13
15D04643	3.9 %	✓	0.0195361	4.87	0.0000000	0.00	0.0253701	2.13	0.0000208	64.49	96.0987	2.13	0.0036513	4.87	0.0000000	0.00	0.585744	0.11	0.0013358	2.13	0.0674230	64.50	51.4714	0.11	0.0646745	2.13	27.17120	1.05	5.77291	4.87	0.0000000	0.00	0.0519861	0.11
15D04644	4.2 %	✓	0.0172417	5.54	0.0000000	0.00	0.0256984	1.96	0.0000042	314.73	97.3424	1.96	0.0032225	5.54	0.0000000	0.00	0.590802	0.10	0.0013531	1.96	0.0135988	314.73	51.9158	0.10	0.0655115	1.96	27.38659	1.05	5.09492	5.54	0.0000000	0.00	0.0524350	0.10
15D04646	4.5 %	✓	0.0184054	4.98	0.0000000	0.00	0.0258740	1.95	0.0000032	414.25	98.0076	1.95	0.0034400	4.98	0.0000000	0.00	0.624457	0.10	0.0013623	1.95	0.0104591	414.25	54.8732	0.10	0.0659591	1.95	28.93784	0.96	5.43880	4.98	0.0000000	0.00	0.0554219	0.10
15D04647	4.8 %	✓	0.0185470	5.10	0.0000000	0.00	0.0275442	1.88	0.0000043	313.73	104.3343	1.88	0.0034664	5.10	0.0000000	0.00	0.681295	0.10	0.0014502	1.88	0.0138137	313.73	59.8677	0.10	0.0702170	1.88	31.38984	0.91	5.48064	5.10	0.0000000	0.00	0.0604664	0.10
15D04648	5.1 %	✓	0.0220186	4.37	0.0000000	0.00	0.0318262	1.63	0.0000039	361.07	120.5537	1.63	0.0041153	4.37	0.0000000	0.00	0.789706	0.09	0.0016757	1.63	0.0127187	361.07	69.3942	0.09	0.0811327	1.63	35.96707	0.80	6.50651	4.37	0.0000000	0.00	0.0700882	0.09
15D04650	5.4 %	✓	0.0185156	5.06	0.0000000	0.00	0.0268907	1.91	0.0000000	0.00	101.8588	1.91	0.0034606	5.06	0.0000000	0.00	0.679665	0.10	0.0014158	1.91	0.0000000	0.00	59.7245	0.10	0.0685510	1.91	31.23301	0.90	5.47136	5.06	0.0000000	0.00	0.0603218	0.10
15D04651	5.8 %	✓	0.0181894	5.41	0.0000000	0.00	0.0253655	2.05	0.0000136	100.35	96.0815	2.05	0.0033996	5.41	0.0000000	0.00	0.657900	0.10	0.0013355	2.05	0.0441634	100.36	57.8120	0.10	0.0646628	2.05	30.09050	0.98	5.37495	5.41	0.0000000	0.00	0.0583901	0.10
15D04652	6.2 %	✓	0.0212578	4.42	0.0000000	0.00	0.0259306	1.99	0.0000072	195.64	98.2219	1.99	0.0039731	4.42	0.0000000	0.00	0.679069	0.10	0.0013653	1.99	0.0233370	195.64	59.6722	0.10	0.0661033	1.99	30.94214	0.91	6.28168	4.42	0.0000000	0.00	0.0602689	0.10
15D04654	6.8 %	✓	0.0223596	4.24	0.0000000	0.00	0.0234566	2.20	0.0000037	375.99	88.8507	2.20	0.0041790	4.24	0.0000000	0.00	0.605256	0.10	0.0012350	2.20	0.0120776	375.99	53.1860	0.10	0.0597965	2.20	27.33010	1.04	6.60725	4.24	0.0000000	0.00	0.0537178	0.10
15D04655	7.4 %	✓	0.0161368	5.76	0.0000000	0.00	0.0163235	3.14	0.0000202	70.03	61.8315	3.14	0.0030160	5.76	0.0000000	0.00	0.416778	0.13	0.0008595	3.14	0.0654477	70.03	36.6237	0.13	0.0416126	3.14	18.85180	1.49	4.76841	5.76	0.0000000	0.00	0.0369899	0.13
15D04656	8.2 %		0.0223258	4.26	0.0000000	0.00	0.0179710	2.79	0.0000108	129.83	68.0721	2.79	0.0041727	4.26	0.0000000	0.00	0.417007	0.12	0.0009462	2.79	0.0350783	129.83	36.6439	0.12	0.0458125	2.79	18.64661	1.53	6.59727	4.26	0.0000000	0.00	0.0370103	0.12
15D04658	9.1 %		0.0268532	3.50	0.0000000	0.00	0.0190920	2.66	0.0000038	346.64	72.3181	2.66	0.0050189	3.50	0.0000000	0.00	0.365474	0.14	0.0010052	2.66	0.0122794	346.65	32.1155	0.14	0.0486701	2.66	16.13587	1.75	7.93513	3.50	0.0000000	0.00	0.0324366	0.14
15D04659	10.1 %		0.0250584	3.61	0.0000000	0.00	0.0155700	3.07	0.0000182	75.49	58.9772	3.07	0.0046834	3.61	0.0000000	0.00	0.239066	0.19	0.0008198	3.07	0.0590045	75.49	21.0075	0.19	0.0396917	3.07	9.97415	2.74	7.40474	3.61	0.0000000	0.00	0.0212176	0.19
15D04660	11.2 %		0.0310617	3.06	0.0000000	0.00	0.0236750	2.11	0.0000120	116.21	89.6782	2.11	0.0058054	3.06	0.0000000	0.00	0.193942	0.23	0.0012465	2.11	0.0389621	116.21	17.0424	0.23	0.0603534	2.11	7.06641	4.05	9.17873	3.06	0.0000000	0.00	0.0172128	0.23
15D04662	12.3 %		0.0242469	3.78	0.0000000	0.00	0.0202676	2.39	0.0000251	54.41	76.7713	2.39	0.0045317	3.78	0.0000000	0.00	0.112326	0.36	0.0010671	2.39	0.0814973	54.42	9.8705	0.36	0.0516671	2.39	3.26981	8.45	7.16496	3.78	0.0000000	0.00	0.0099692	0.36
15D04663	13.5 %		0.0219330	4.13	0.0000000	0.00	0.0223897	2.20	0.0000186	73.69	84.8093	2.20	0.0040993	4.13	0.0000000	0.00	0.090285	0.47	0.0011788	2.20	0.0602397	73.69	7.9336	0.47	0.0570767	2.20	2.13980	12.77	6.48120	4.13	0.0000000	0.00	0.0080130	0.47
15D04664	14.8 %		0.0226147	4.14	0.0000000	0.00	0.0330888	1.55	0.0000129	108.41	125.3364	1.55	0.0042267	4.14	0.0000000	0.00	0.080410	0.54	0.0017422	1.55	0.0419663	108.41	7.0659	0.54	0.0843514	1.55	1.47346	19.14	6.68266	4.14	0.0000000	0.00	0.0071366	0.54
15D04666	16.2 %		0.0100413	8.35	0.0000000	0.00	0.0132037	3.60	0.0000040	332.59	50.0140	3.60	0.0018767	8.35	0.0000000	0.00	0.028387	1.42	0.0006952	3.60	0.0128400	332.59	2.4945	1.42	0.0336594	3.60	0.48705	52.01	2.96720	8.35	0.0000000	0.00	0.0025194	1.42
15D04667	17.7 %		0.0108708	8.24	0.0000000	0.00	0.0212034	2.37	0.0000027	488.86	80.3160	2.37	0.0020318	8.24	0.0000000	0.00	0.023109	1.80	0.0011164	2.37	0.0087734	488.86	2.0307	1.80	0.0540527	2.37	0.27993	96.45	3.21232	8.24	0.0000000	0.00	0.0020510	1.80
15D04668	19.8 %		0.0174358	5.88	0.0000000	0.00	0.0470859	1.17	0.0000167	77.62	178.3557	1.17	0.0032588	5.88	0.0000000	0.00	0.026499	1.52	0.0024791	1.17	0.0541152	77.62	2.3285	1.52	0.1200334	1.17	0.31543	97.58	5.15229	5.88	0.0000000	0.00	0.0023518	1.52
15D04670	22.1 %		0.0124670	7.51	0.0000000	0.00	0.0390625	1.36	0.0000101	133.38	147.9641	1.36	0.0023301	7.51	0.0000000	0.00	0.016097	2.54	0.0020567	1.36	0.0325831	133.38	1.4145	2.54	0.0995799	1.36	0.11504	244.95	3.68400	7.51	0.0000000	0.00	0.0014286	2.54
15D04671	24.5 %		0.0134075	7.73	0.0000000	0.00	0.0474032	1.15	0.0000000	0.00	179.5576	1.15	0.0025059	7.73	0.0000000	0.00	0.015560	2.61	0.0024959	1.15	0.0000000	0.00	1.3673	2.61	0.1208423	1.15	0.23223	133.94	3.96190	7.73	0.0000000	0.00	0.0013810	2.61
		Σ	0.7079106	0.78	0.0000000	0.00	0.7661756	0.39	0.0003245	23.77	2902.1803	0.39	0.1323085	0.78	0.0000000	0.00	11.881922	0.03	0.0403403	0.39	1.0531157	23.77	1044.1056	0.03	1.9531673	0.39	541.86996	0.31	209.18759	0.78	0.0000000	0.00	1.0545467	0.03
		Σ							1.4744107	0.42	2902.1803	0.39									13.107686	1.91			1046.0588	0.03							752.11210	0.31

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
15D04626	1.8 %		1.249657	0.003741	2.554920	0.087623	0.002913	0.000044	189.540	42.362089	1.00133917	1.224E-12
15D04627	1.9 %		1.122918	0.003821	2.201632	0.101188	0.002512	0.000044	189.550	42.370806	1.00133924	1.009E-12
15D04628	2.0 %		1.033076	0.003639	2.268095	0.102688	0.002158	0.000042	189.560	42.379525	1.00133932	9.217E-13
15D04630	2.1 %		0.870855	0.003658	2.199513	0.099783	0.001626	0.000043	189.579	42.395223	1.00133945	7.320E-13
15D04631	2.2 %		0.830963	0.003265	2.129098	0.093755	0.001429	0.000037	189.589	42.403365	1.00133952	7.643E-13
15D04632	2.3 %		0.793594	0.003198	2.174803	0.094350	0.001301	0.000038	189.599	42.411508	1.00133959	7.315E-13
15D04634	2.4 %		0.755544	0.002756	2.066269	0.085973	0.001271	0.000032	189.617	42.426636	1.00133971	8.222E-13
15D04635	2.6 %		0.737411	0.002497	2.072549	0.073191	0.001168	0.000030	189.626	42.434785	1.00133978	8.873E-13
15D04636	2.8 %		0.714078	0.002109	2.099581	0.063698	0.001096	0.000025	189.635	42.442352	1.00133985	1.027E-12
15D04638	3.0 %		0.696049	0.001757	2.052178	0.049635	0.001035	0.000021	189.653	42.457491	1.00133997	1.222E-12
15D04639	3.2 %		0.675762	0.001501	1.997196	0.048764	0.000970	0.000019	189.663	42.465063	1.00134004	1.331E-12
15D04640	3.4 %		0.664246	0.001487	1.927389	0.044821	0.000931	0.000019	189.672	42.472636	1.00134010	1.343E-12
15D04642	3.6 %	✓	0.648069	0.001666	1.864927	0.050152	0.000907	0.000020	189.689	42.487203	1.00134022	1.173E-12
15D04643	3.9 %	✓	0.640253	0.001249	1.864690	0.039830	0.000872	0.000015	189.698	42.494780	1.00134029	1.584E-12
15D04644	4.2 %	✓	0.625877	0.001236	1.872641	0.036721	0.000826	0.000016	189.706	42.501775	1.00134035	1.562E-12
15D04646	4.5 %	✓	0.626731	0.001191	1.783931	0.034788	0.000806	0.000014	189.724	42.516352	1.00134047	1.653E-12
15D04647	4.8 %	✓	0.616153	0.001064	1.740705	0.032781	0.000769	0.000013	189.733	42.523934	1.00134053	1.773E-12
15D04648	5.1 %	✓	0.612356	0.000955	1.735202	0.028256	0.000775	0.000012	189.741	42.530934	1.00134059	2.042E-12
15D04650	5.4 %	✓	0.614865	0.001092	1.703522	0.032627	0.000759	0.000013	189.758	42.545521	1.00134071	1.765E-12
15D04651	5.8 %	✓	0.613785	0.001128	1.660108	0.034116	0.000753	0.000014	189.767	42.553108	1.00134078	1.705E-12
15D04652	6.2 %	✓	0.624124	0.001097	1.644204	0.032839	0.000790	0.000013	189.776	42.560113	1.00134084	1.790E-12
15D04654	6.8 %	✓	0.638381	0.001196	1.668691	0.036771	0.000861	0.000015	189.793	42.574710	1.00134096	1.632E-12
15D04655	7.4 %	✓	0.645220	0.001706	1.686377	0.053048	0.000886	0.000021	189.802	42.582303	1.00134102	1.136E-12
15D04656	8.2 %		0.689046	0.001684	1.855347	0.051821	0.001099	0.000022	189.810	42.589312	1.00134108	1.213E-12
15D04658	9.1 %		0.749388	0.001958	2.248406	0.059942	0.001429	0.000025	189.828	42.603919	1.00134121	1.157E-12
15D04659	10.1 %		0.826717	0.002999	2.802137	0.086119	0.001931	0.000037	189.837	42.611517	1.00134127	8.352E-13
15D04660	11.2 %		0.950863	0.003850	5.243500	0.111110	0.003201	0.000048	189.845	42.618531	1.00134133	7.806E-13
15D04662	12.3 %		1.052669	0.006610	7.737372	0.187099	0.004489	0.000080	189.863	42.633148	1.00134145	5.013E-13
15D04663	13.5 %		1.079879	0.008408	10.613482	0.238843	0.005549	0.000099	189.872	42.640751	1.00134151	4.142E-13
15D04664	14.8 %		1.141670	0.009651	17.528895	0.287565	0.007792	0.000117	189.880	42.647771	1.00134157	3.918E-13
15D04666	16.2 %		1.367335	0.028359	19.783154	0.764652	0.009196	0.000302	189.897	42.662398	1.00134170	1.659E-13
15D04667	17.7 %		1.676115	0.038920	38.525335	1.134862	0.015386	0.000446	189.906	42.670006	1.00134176	1.677E-13
15D04668	19.8 %		2.233982	0.038942	72.840670	1.354031	0.026358	0.000520	189.915	42.677615	1.00134182	2.626E-13
15D04670	22.1 %		2.510108	0.069299	97.726425	2.674214	0.034041	0.000954	189.933	42.692253	1.00134195	1.824E-13
15D04671	24.5 %		2.819205	0.076753	120.654934	3.209721	0.040862	0.001146	189.942	42.699866	1.00134201	2.014E-13

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
15D04626	1.8 %	0.0072431 ± 0.0005088	0.0142816 ± 0.0297113	0.0834464 ± 0.0338975	0.0245382 ± 0.0251490	2.0712573 ± 0.0452537
15D04627	1.9 %	0.0074865 ± 0.0005088	0.0147968 ± 0.0297113	0.0834464 ± 0.0338975	0.0184561 ± 0.0251490	2.0948729 ± 0.0452537
15D04628	2.0 %	0.0076721 ± 0.0005088	0.0151684 ± 0.0297113	0.0834464 ± 0.0338975	0.0134907 ± 0.0251490	2.1120416 ± 0.0452537
15D04630	2.1 %	0.0078815 ± 0.0005088	0.0154058 ± 0.0297113	0.0834464 ± 0.0338975	0.0069317 ± 0.0251490	2.1294853 ± 0.0452537
15D04631	2.2 %	0.0079370 ± 0.0005088	0.0152830 ± 0.0297113	0.0834464 ± 0.0338975	0.0045329 ± 0.0251490	2.1329990 ± 0.0452537
15D04632	2.3 %	0.0079625 ± 0.0005088	0.0149786 ± 0.0297113	0.0834464 ± 0.0338975	0.0026930 ± 0.0251490	2.1335266 ± 0.0452537
15D04634	2.4 %	0.0079451 ± 0.0005088	0.0139099 ± 0.0297113	0.0834464 ± 0.0338975	0.0004610 ± 0.0251490	2.1284385 ± 0.0452537
15D04635	2.6 %	0.0079083 ± 0.0005088	0.0130584 ± 0.0297113	0.0834464 ± 0.0338975	0.0002495 ± 0.0251490	2.1233363 ± 0.0452537
15D04636	2.8 %	0.0078612 ± 0.0005088	0.0120955 ± 0.0297113	0.0834464 ± 0.0338975	0.0006837 ± 0.0251490	2.1176180 ± 0.0452537
15D04638	3.0 %	0.0077407 ± 0.0005088	0.0096878 ± 0.0297113	0.0834464 ± 0.0338975	0.0011101 ± 0.0251490	2.1046006 ± 0.0452537
15D04639	3.2 %	0.0076721 ± 0.0005088	0.0082563 ± 0.0297113	0.0834464 ± 0.0338975	0.0011941 ± 0.0251490	2.0978365 ± 0.0452537
15D04640	3.4 %	0.0076009 ± 0.0005088	0.0066852 ± 0.0297113	0.0834464 ± 0.0338975	0.0012456 ± 0.0251490	2.0912069 ± 0.0452537
15D04642	3.6 %	0.0074635 ± 0.0005088	0.0033176 ± 0.0297113	0.0834464 ± 0.0338975	0.0013777 ± 0.0251490	2.0795064 ± 0.0452537
15D04643	3.9 %	0.0073951 ± 0.0005088	0.0014153 ± 0.0297113	0.0834464 ± 0.0338975	0.0015174 ± 0.0251490	2.0742430 ± 0.0452537
15D04644	4.2 %	0.0073353 ± 0.0005088	0.0004123 ± 0.0297113	0.0834464 ± 0.0338975	0.0017155 ± 0.0251490	2.0700039 ± 0.0452537
15D04646	4.5 %	0.0072254 ± 0.0005088	0.0043677 ± 0.0297113	0.0834464 ± 0.0338975	0.0023990 ± 0.0251490	2.0632985 ± 0.0452537
15D04647	4.8 %	0.0071777 ± 0.0005088	0.0064595 ± 0.0297113	0.0834464 ± 0.0338975	0.0029196 ± 0.0251490	2.0609914 ± 0.0452537
15D04648	5.1 %	0.0071401 ± 0.0005088	0.0083822 ± 0.0297113	0.0834464 ± 0.0338975	0.0035071 ± 0.0251490	2.0595630 ± 0.0452537
15D04650	5.4 %	0.0070832 ± 0.0005088	0.0122599 ± 0.0297113	0.0834464 ± 0.0338975	0.0050580 ± 0.0251490	2.0585444 ± 0.0452537
15D04651	5.8 %	0.0070652 ± 0.0005088	0.0141486 ± 0.0297113	0.0834464 ± 0.0338975	0.0060277 ± 0.0251490	2.0588801 ± 0.0452537
15D04652	6.2 %	0.0070556 ± 0.0005088	0.0157755 ± 0.0297113	0.0834464 ± 0.0338975	0.0070089 ± 0.0251490	2.0595638 ± 0.0452537
15D04654	6.8 %	0.0070556 ± 0.0005088	0.0186744 ± 0.0297113	0.0834464 ± 0.0338975	0.0092561 ± 0.0251490	2.0615160 ± 0.0452537
15D04655	7.4 %	0.0070652 ± 0.0005088	0.0198449 ± 0.0297113	0.0834464 ± 0.0338975	0.0104896 ± 0.0251490	2.0624084 ± 0.0452537
15D04656	8.2 %	0.0070788 ± 0.0005088	0.0206723 ± 0.0297113	0.0834464 ± 0.0338975	0.0116352 ± 0.0251490	2.0628699 ± 0.0452537
15D04658	9.1 %	0.0071181 ± 0.0005088	0.0214555 ± 0.0297113	0.0834464 ± 0.0338975	0.0139206 ± 0.0251490	2.0616683 ± 0.0452537
15D04659	10.1 %	0.0071417 ± 0.0005088	0.0212700 ± 0.0297113	0.0834464 ± 0.0338975	0.0149793 ± 0.0251490	2.0592594 ± 0.0452537
15D04660	11.2 %	0.0071637 ± 0.0005088	0.0206810 ± 0.0297113	0.0834464 ± 0.0338975	0.0158260 ± 0.0251490	2.0555282 ± 0.0452537
15D04662	12.3 %	0.0072029 ± 0.0005088	0.0179761 ± 0.0297113	0.0834464 ± 0.0338975	0.0170043 ± 0.0251490	2.0416403 ± 0.0452537
15D04663	13.5 %	0.0072160 ± 0.0005088	0.0156745 ± 0.0297113	0.0834464 ± 0.0338975	0.0171966 ± 0.0251490	2.0302997 ± 0.0452537
15D04664	14.8 %	0.0072207 ± 0.0005088	0.0129389 ± 0.0297113	0.0834464 ± 0.0338975	0.0170473 ± 0.0251490	2.0167694 ± 0.0452537
15D04666	16.2 %	0.0071991 ± 0.0005088	0.0051379 ± 0.0297113	0.0834464 ± 0.0338975	0.0154860 ± 0.0251490	1.9772544 ± 0.0452537
15D04667	17.7 %	0.0071655 ± 0.0005088	0.0001628 ± 0.0297113	0.0834464 ± 0.0338975	0.0138667 ± 0.0251490	1.9495794 ± 0.0452537
15D04668	19.8 %	0.0071126 ± 0.0005088	0.0064029 ± 0.0297113	0.0834464 ± 0.0338975	0.0115903 ± 0.0251490	1.9162261 ± 0.0452537
15D04670	22.1 %	0.0069436 ± 0.0005088	0.0213031 ± 0.0297113	0.0834464 ± 0.0338975	0.0050479 ± 0.0251490	1.8337053 ± 0.0452537
15D04671	24.5 %	0.0068139 ± 0.0005088	0.0306993 ± 0.0297113	0.0834464 ± 0.0338975	0.0003444 ± 0.0251490	1.7799050 ± 0.0452537

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)
15D04626	1.8 %	0.0634783 ± 0.0006584	0.0044	EXP 150 of 150	1.1920597 ± 0.0278145	0.0517	EXP 150 of 150	0.2034394 ± 0.0248200	0.0056	EXP 149 of 150	20.2668317 ± 0.0314329	0.9412	EXP 150 of 150	27.6419363 ± 0.0297774	0.9799	EXP 150 of 150
15D04627	1.9 %	0.0519750 ± 0.0005595	0.1046	EXP 150 of 150	0.9386719 ± 0.0316629	0.0006	EXP 148 of 150	0.1759786 ± 0.0271181	0.0031	EXP 150 of 150	18.5887107 ± 0.0304494	0.9433	EXP 150 of 150	23.1742384 ± 0.0292681	0.9841	EXP 150 of 150
15D04628	2.0 %	0.0456180 ± 0.0005226	0.1769	EXP 150 of 150	0.9600537 ± 0.0321036	0.0409	EXP 150 of 150	0.1751275 ± 0.0288205	0.0045	EXP 149 of 150	18.4546270 ± 0.0263580	0.9509	EXP 150 of 150	21.3700699 ± 0.0302426	0.9820	EXP 150 of 150
15D04630	2.1 %	0.0348187 ± 0.0004794	0.2668	EXP 150 of 150	0.8752141 ± 0.0268187	0.0170	EXP 150 of 150	0.1798901 ± 0.0276798	0.0304	EXP 150 of 150	17.3798183 ± 0.0261517	0.9500	EXP 150 of 150	17.4230847 ± 0.0306091	0.9832	EXP 150 of 150
15D04631	2.2 %	0.0338393 ± 0.0004369	0.3469	EXP 150 of 150	0.9279913 ± 0.0284434	0.0278	EXP 150 of 150	0.1531926 ± 0.0261612	0.0002	EXP 150 of 150	19.0167124 ± 0.0262431	0.9541	EXP 150 of 150	18.1030111 ± 0.0287034	0.9846	EXP 150 of 150
15D04632	2.3 %	0.0315983 ± 0.0004454	0.3892	EXP 150 of 150	0.9504018 ± 0.0289165	0.0298	EXP 150 of 150	0.1419741 ± 0.0306041	0.0046	EXP 150 of 150	19.0551712 ± 0.0261952	0.9537	EXP 150 of 150	17.4176907 ± 0.0278494	0.9856	EXP 150 of 150
15D04634	2.4 %	0.0352041 ± 0.0004672	0.1831	EXP 149 of 150	1.0685643 ± 0.0332076	0.0230	EXP 150 of 150	0.1910288 ± 0.0288041	0.0001	EXP 150 of 150	22.4940374 ± 0.0270315	0.9676	EXP 150 of 150	19.3079340 ± 0.0305090	0.9814	EXP 150 of 150
15D04635	2.6 %	0.0356072 ± 0.0004802	0.2753	EXP 149 of 150	1.1872125 ± 0.0293539	0.0534	EXP 150 of 150	0.2105310 ± 0.0271321	0.0023	EXP 150 of 150	24.8703140 ± 0.0270310	0.9723	EXP 150 of 150	20.6623824 ± 0.0309097	0.9800	EXP 150 of 150
15D04636	2.8 %	0.0389145 ± 0.0004911	0.2883	EXP 150 of 150	1.4405864 ± 0.0313714	0.1068	EXP 149 of 150	0.3013233 ± 0.0249426	0.0296	EXP 150 of 150	29.7177923 ± 0.0293237	0.9771	EXP 150 of 150	23.5694425 ± 0.0308354	0.9778	EXP 149 of 150
15D04638	3.0 %	0.0435756 ± 0.0005060	0.1961	EXP 150 of 150	1.7240061 ± 0.0277411	0.1033	EXP 149 of 150	0.3394543 ± 0.0256993	0.0006	EXP 150 of 150	36.2984033 ± 0.0303899	0.9836	EXP 150 of 150	27.6452805 ± 0.0315795	0.9715	EXP 150 of 150
15D04639	3.2 %	0.0453420 ± 0.0005122	0.2322	EXP 150 of 150	1.8837294 ± 0.0335621	0.1305	EXP 150 of 150	0.4038279 ± 0.0292894	0.0146	EXP 150 of 150	40.7103795 ± 0.0259667	0.9908	EXP 150 of 150	29.9080229 ± 0.0275005	0.9757	EXP 150 of 150
15D04640	3.4 %	0.0447211 ± 0.0005298	0.1954	EXP 150 of 150	1.8678473 ± 0.0299140	0.1178	EXP 150 of 150	0.4164861 ± 0.0304481	0.0282	EXP 150 of 150	41.8031436 ± 0.0282446	0.9893	EXP 150 of 150	30.1612215 ± 0.0290863	0.9739	EXP 149 of 150
15D04642	3.6 %	0.0398076 ± 0.0004791	0.1638	EXP 150 of 150	1.6188782 ± 0.0304616	0.0731	EXP 150 of 150	0.3345435 ± 0.0284122	0.0009	EXP 150 of 150	37.4000826 ± 0.0287613	0.9865	EXP 150 of 150	26.5815298 ± 0.0313263	0.9722	EXP 150 of 150
15D04643	3.9 %	0.0499049 ± 0.0005233	0.1044	EXP 150 of 150	2.2155387 ± 0.0344846	0.1020	EXP 150 of 150	0.5660685 ± 0.0262779	0.0593	EXP 150 of 150	51.1283476 ± 0.0311576	0.9915	EXP 150 of 150	35.1658818 ± 0.0296186	0.9646	EXP 150 of 150
15D04644	4.2 %	0.0479692 ± 0.0005636	0.1167	EXP 150 of 150	2.2456880 ± 0.0296804	0.1802	EXP 150 of 150	0.5175363 ± 0.0251716	0.0069	EXP 149 of 150	51.5699386 ± 0.0300483	0.9922	EXP 150 of 150	34.6981526 ± 0.0305872	0.9642	EXP 150 of 150
15D04646	4.5 %	0.0491257 ± 0.0005021	0.1871	EXP 149 of 150	2.2642121 ± 0.0297046	0.1115	EXP 150 of 150	0.5478742 ± 0.0260333	0.0267	EXP 150 of 150	54.5037138 ± 0.0322273	0.9918	EXP 150 of 150	36.5950654 ± 0.0311004	0.9540	EXP 150 of 150
15D04647	4.8 %	0.0507932 ± 0.0005344	0.1662	EXP 150 of 150	2.4117534 ± 0.0311370	0.0915	EXP 150 of 150	0.6073895 ± 0.0260468	0.0249	EXP 150 of 150	59.4625904 ± 0.0274000	0.9951	EXP 150 of 150	39.0988677 ± 0.0281770	0.9580	EXP 150 of 150
15D04648	5.1 %	0.0580918 ± 0.0005542	0.1101	EXP 150 of 150	2.7871377 ± 0.0299790	0.1677	EXP 150 of 150	0.7141601 ± 0.0300464	0.0099	EXP 150 of 150	68.9242389 ± 0.0320070	0.9952	EXP 150 of 150	44.7264128 ± 0.0282243	0.9405	EXP 150 of 150
15D04650	5.4 %	0.0500466 ± 0.0005249	0.1841	EXP 150 of 150	2.3592926 ± 0.0307835	0.1729	EXP 150 of 150	0.5619793 ± 0.0244812	0.0011	EXP 150 of 150	59.3167126 ± 0.0298386	0.9942	EXP 150 of 150	38.9296851 ± 0.0307600	0.9485	EXP 150 of 150
15D04651	5.8 %	0.0482897 ± 0.0005912	0.1481	EXP 150 of 150	2.2276665 ± 0.0318911	0.1181	EXP 150 of 150	0.6140744 ± 0.0276061	0.0266	EXP 150 of 150	57.4144265 ± 0.0303685	0.9937	EXP 150 of 150	37.6855827 ± 0.0312583	0.9534	EXP 150 of 150
15D04652	6.2 %	0.0517120 ± 0.0005230	0.1649	EXP 150 of 150	2.2782316 ± 0.0313393	0.1095	EXP 149 of 150	0.6150079 ± 0.0296519	0.0086	EXP 150 of 150	59.2604111 ± 0.0311272	0.9936	EXP 150 of 150	39.4516076 ± 0.0301470	0.9481	EXP 150 of 150
15D04654	6.8 %	0.0504104 ± 0.0005380	0.0749	EXP 150 of 150	2.0645720 ± 0.0317010	0.1277	EXP 150 of 150	0.5311269 ± 0.0292896	0.0058	EXP 150 of 150	52.8168135 ± 0.0269783	0.9939	EXP 150 of 150	36.1510130 ± 0.0292675	0.9603	EXP 150 of 150
15D04655	7.4 %	0.0377982 ± 0.0005208	0.2008	EXP 150 of 150	1.4433379 ± 0.0324157	0.0640	EXP 150 of 150	0.3962734 ± 0.0299210	0.0255	EXP 150 of 150	36.3658105 ± 0.0308191	0.9839	EXP 150 of 150	25.7881099 ± 0.0303783	0.9736	EXP 150 of 150
15D04656	8.2 %	0.0452179 ± 0.0005600	0.1101	EXP 150 of 150	1.5875783 ± 0.0307619	0.0593	EXP 150 of 150	0.3677562 ± 0.0294938	0.0031	EXP 150 of 150	36.3888354 ± 0.0268215	0.9878	EXP 150 of 150	27.4169605 ± 0.0282706	0.9748	EXP 150 of 150
15D04658	9.1 %	0.0505950 ± 0.0005346	0.0941	EXP 150 of 150	1.6855267 ± 0.0314176	0.1033	EXP 150 of 150	0.2952935 ± 0.0247942	0.0003	EXP 150 of 150	31.8967014 ± 0.0276112	0.9825	EXP 150 of 150	26.2348979 ± 0.0288898	0.9754	EXP 150 of 150
15D04659	10.1 %	0.0456015 ± 0.0005076	0.1300	EXP 150 of 150	1.3781202 ± 0.0280662	0.0394	EXP 150 of 150	0.2161421 ± 0.0279664	0.0125	EXP 150 of 150	20.8663479 ± 0.0264585	0.9624	EXP 150 of 150	19.5097525 ± 0.0295102	0.9798	EXP 150 of 150
15D04660	11.2 %	0.0589669 ± 0.0005514	0.0206	EXP 150 of 150	2.0835077 ± 0.0293569	0.1766	EXP 150 of 150	0.1533600 ± 0.0290981	0.0005	EXP 150 of 150	16.9520889 ± 0.0279374	0.9354	EXP 150 of 150	18.3649662 ± 0.0294928	0.9807	EXP 149 of 150
15D04662	12.3 %	0.0493464 ± 0.0005184	0.0198	EXP 150 of 150	1.7833078 ± 0.0281896	0.1662	EXP 150 of 150	0.1133580 ± 0.0276583	0.0129	EXP 150 of 150	9.8269288 ± 0.0237410	0.8558	EXP 150 of 150	12.5166228 ± 0.0294405	0.9838	EXP 150 of 150
15D04663	13.5 %	0.0491716 ± 0.0004945	0.1076	EXP 150 of 150	1.9654895 ± 0.0288515	0.1642	EXP 149 of 150	0.0703111 ± 0.0277322	0.0001	EXP 150 of 150	7.9105325 ± 0.0263783	0.7778	EXP 150 of 150	10.6842949 ± 0.0295099	0.9852	EXP 150 of 150
15D04664	14.8 %	0.0599397 ± 0.0005174	0.0177	EXP 150 of 150	2.8940192 ± 0.0288515	0.2910	EXP 150 of 150	0.0432142 ± 0.0294299	0.0025	EXP 150 of 150	7.0768605 ± 0.0281907	0.6902	EXP 150 of 150	10.2036576 ± 0.0283910	0.9867	EXP 150 of 150
15D04666	16.2 %	0.0291973 ± 0.0004049	0.3424	EXP 150 of 150	1.1544049 ± 0.0280250	0.0787	EXP 150 of 150	0.0402225 ± 0.0250335	0.0001	EXP 149 of 150	2.4926957 ± 0.0246125	0.2002	EXP 150 of 150	5.4440374 ± 0.0273918	0.9890	EXP 150 of 150
15D04667	17.7 %	0.0375167 ± 0.0004747	0.1199	EXP 150 of 150	1.8450829 ± 0.0302269	0.1374	EXP 150 of 150	0.0488752 ± 0.0253395	0.0022	EXP 150 of 150	2.0544582 ± 0.0260117	0.1448	EXP 150 of 150	5.4539932 ± 0.0284521	0.9880	EXP 150 of 150
15D04668	19.8 %	0.0681788 ± 0.0006161	0.0008	EXP 150 of 150	4.0905551 ± 0.0291073	0.4012	EXP 150 of 150	0.0017720 ± 0.0238417	0.0080	EXP 150 of 150	2.4176808 ± 0.0244330	0.1999	EXP 150 of 150	7.4021336 ± 0.0284832	0.9870	EXP 150 of 150
15D04670	22.1 %	0.0557104 ± 0.0005012	0.0065	EXP 150 of 150	3.3763730 ± 0.0295549	0.2859	EXP 149 of 150	0.0310763 ± 0.0262664	0.0000	EXP 150 of 150	1.4970812 ± 0.0252347	0.0324	EXP 150 of 150	5.6451761 ± 0.0290776	0.9872	EXP 149 of 150
15D04671	24.5 %	0.0643529 ± 0.0006401	0.0007	EXP 150 of 150	4.0917180 ± 0.0279986	0.4049	EXP 149 of 150	0.0636243 ± 0.0265440	0.0128	EXP 149 of 150	1.4761152 ± 0.0249399	0.0609	EXP 150 of 150	5.9875705 ± 0.0296190	0.9866	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
15D04626	1.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04627	1.9 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04628	2.0 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04630	2.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04631	2.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04632	2.3 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04634	2.4 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04635	2.6 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04636	2.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04638	3.0 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04639	3.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04640	3.4 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04642	3.6 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04643	3.9 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04644	4.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04646	4.5 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04647	4.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04648	5.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04650	5.4 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04651	5.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04652	6.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04654	6.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04655	7.4 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04656	8.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04658	9.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04659	10.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04660	11.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04662	12.3 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04663	13.5 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04664	14.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04666	16.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04667	17.7 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04668	19.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04670	22.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	01
15D04671	24.5 %	Kevin Konrad	14-OSU-04	0.00	0.00	39.68	rench Polynesia\Marquesas (14-INT-0€	15D04625	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
15D04626	1.8 %	FH-OM-1	Groundmass	Marquesas Islands	²CT-NM (R98) (4C22-14	28.201	0.082	Kuiper et al (2008)	9.64981	0.123	0.00162878	0.123	303.458	0.175	0.99343543	0.072	1	4.8E-14	12	FEB	2015	4	57	1
15D04627	1.9 %	FH-OM-1	Groundmass	Marquesas Islands	²CT-NM (R98) (4C22-14	28.201	0.082	Kuiper et al (2008)	9.64981	0.123	0.00162878	0.123	303.458	0.175	0.99343543	0.072	1	4.8E-14	12	FEB	2015	5	12	1
15D04628	2.0 %	FH-OM-1	Groundmass	Marquesas Islands	²CT-NM (R98) (4C22-14	28.201	0.082	Kuiper et al (2008)	9.64981	0.123	0.00162878	0.123	303.458	0.175	0.99343543	0.072	1	4.8E-14	12	FEB	2015	5	27	1
15D04630	2.1 %	FH-OM-1	Groundmass	Marquesas Islands	²CT-NM (R98) (4C22-14	28.201	0.082	Kuiper et al (2008)	9.64981	0.123	0.00162878	0.123	303.458	0.175	0.99343543	0.072	1	4.8E-14	12	FEB	2015	5	54	1
15D04631	2.2 %	FH-OM-1	Groundmass	Marquesas Islands	²CT-NM (R98) (4C22-14	28.201	0.082	Kuiper et al (2008)	9.64981	0.123	0.00162878	0.123	303.458	0.175	0.99343543	0.072	1	4.8E-14	12	FEB	2015	6	8	1
15D04632	2.3 %	FH-OM-1	Groundmass	Marquesas Islands	²CT-NM (R98) (4C22-14	28.201	0.082	Kuiper et al (2008)	9.64981	0.123	0.00162878	0.123	303.458	0.175	0.99343543	0.072	1	4.8E-14	12	FEB	2015	6	22	1
15D04634	2.4 %	FH-OM-1	Groundmass	Marquesas Islands	²CT-NM (R98) (4C22-14	28.201	0.082	Kuiper et al (2008)	9.64981	0.123	0.00162878	0.123	303.458	0.175	0.99343543	0.072	1	4.8E-14	12	FEB	2015	6	48	1
15D04635	2.6 %	FH-OM-1	Groundmass	Marquesas Islands	²CT-NM (R98) (4C22-14	28.201	0.082	Kuiper et al (2008)	9.64981	0.123	0.00162878	0.123	303.458	0.175	0.99343543	0.072	1	4.8E-14	12	FEB	2015	7	2	1
15D04636	2.8 %	FH-OM-1	Groundmass	Marquesas Islands	²CT-NM (R98) (4C22-14	28.201	0.082	Kuiper et al (2008)	9.64981	0.123	0.00162878	0.123	303.458	0.175	0.99343543	0.072	1	4.8E-14	12	FEB	2015	7	15	1
15D04638	3.0 %	FH-OM-1	Groundmass	Marquesas Islands	²CT-NM (R98) (4C22-14	28.201	0.082	Kuiper et al (2008)	9.64981	0.123	0.00162878	0.123	303.458	0.175	0.99343543	0.072	1	4.8E-14	12	FEB	2015	7	41	1
15D04639	3.2 %	FH-OM-1	Groundmass	Marquesas Islands	²CT-NM (R98) (4C22-14	28.201	0.082	Kuiper et al (2008)	9.64981	0.123	0.00162878	0.123	303.458	0.175	0.99343543	0.072	1	4.8E-14	12	FEB	2015	7	54	1
15D04640	3.4 %	FH-OM-1	Groundmass	Marquesas Islands	²CT-NM (R98) (4C22-14	28.201	0.082	Kuiper et al (2008)	9.64981	0.123	0.00162878	0.123	303.458	0.175	0.99343543	0.072	1	4.8E-14	12	FEB	2015	8	7	1
15D04642	**3.6 %**	**FH-OM-1**	**Groundmass**	**Marquesas Islands**	**²CT-NM (R98) (4C22-14**	**28.201**	**0.082**	**Kuiper et al (2008)**	**9.64981**	**0.123**	**0.00162878**	**0.123**	**303.458**	**0.175**	**0.99343543**	**0.072**	**1**	**4.8E-14**	**12**	**FEB**	**2015**	**8**	**32**	**1**
15D04643	**3.9 %**	**FH-OM-1**	**Groundmass**	**Marquesas Islands**	**²CT-NM (R98) (4C22-14**	**28.201**	**0.082**	**Kuiper et al (2008)**	**9.64981**	**0.123**	**0.00162878**	**0.123**	**303.458**	**0.175**	**0.99343543**	**0.072**	**1**	**4.8E-14**	**12**	**FEB**	**2015**	**8**	**45**	**1**
15D04644	**4.2 %**	**FH-OM-1**	**Groundmass**	**Marquesas Islands**	**²CT-NM (R98) (4C22-14**	**28.201**	**0.082**	**Kuiper et al (2008)**	**9.64981**	**0.123**	**0.00162878**	**0.123**	**303.458**	**0.175**	**0.99343543**	**0.072**	**1**	**4.8E-14**	**12**	**FEB**	**2015**	**8**	**57**	**1**
15D04646	**4.5 %**	**FH-OM-1**	**Groundmass**	**Marquesas Islands**	**²CT-NM (R98) (4C22-14**	**28.201**	**0.082**	**Kuiper et al (2008)**	**9.64981**	**0.123**	**0.00162878**	**0.123**	**303.458**	**0.175**	**0.99343543**	**0.072**	**1**	**4.8E-14**	**12**	**FEB**	**2015**	**9**	**22**	**1**
15D04647	**4.8 %**	**FH-OM-1**	**Groundmass**	**Marquesas Islands**	**²CT-NM (R98) (4C22-14**	**28.201**	**0.082**	**Kuiper et al (2008)**	**9.64981**	**0.123**	**0.00162878**	**0.123**	**303.458**	**0.175**	**0.99343543**	**0.072**	**1**	**4.8E-14**	**12**	**FEB**	**2015**	**9**	**35**	**1**
15D04648	**5.1 %**	**FH-OM-1**	**Groundmass**	**Marquesas Islands**	**²CT-NM (R98) (4C22-14**	**28.201**	**0.082**	**Kuiper et al (2008)**	**9.64981**	**0.123**	**0.00162878**	**0.123**	**303.458**	**0.175**	**0.99343543**	**0.072**	**1**	**4.8E-14**	**12**	**FEB**	**2015**	**9**	**47**	**1**
15D04650	**5.4 %**	**FH-OM-1**	**Groundmass**	**Marquesas Islands**	**²CT-NM (R98) (4C22-14**	**28.201**	**0.082**	**Kuiper et al (2008)**	**9.64981**	**0.123**	**0.00162878**	**0.123**	**303.458**	**0.175**	**0.99343543**	**0.072**	**1**	**4.8E-14**	**12**	**FEB**	**2015**	**10**	**12**	**1**
15D04651	**5.8 %**	**FH-OM-1**	**Groundmass**	**Marquesas Islands**	**²CT-NM (R98) (4C22-14**	**28.201**	**0.082**	**Kuiper et al (2008)**	**9.64981**	**0.123**	**0.00162878**	**0.123**	**303.458**	**0.175**	**0.99343543**	**0.072**	**1**	**4.8E-14**	**12**	**FEB**	**2015**	**10**	**25**	**1**
15D04652	**6.2 %**	**FH-OM-1**	**Groundmass**	**Marquesas Islands**	**²CT-NM (R98) (4C22-14**	**28.201**	**0.082**	**Kuiper et al (2008)**	**9.64981**	**0.123**	**0.00162878**	**0.123**	**303.458**	**0.175**	**0.99343543**	**0.072**	**1**	**4.8E-14**	**12**	**FEB**	**2015**	**10**	**37**	**1**
15D04654	**6.8 %**	**FH-OM-1**	**Groundmass**	**Marquesas Islands**	**²CT-NM (R98) (4C22-14**	**28.201**	**0.082**	**Kuiper et al (2008)**	**9.64981**	**0.123**	**0.00162878**	**0.123**	**303.458**	**0.175**	**0.99343543**	**0.072**	**1**	**4.8E-14**	**12**	**FEB**	**2015**	**11**	**2**	**1**
15D04655	**7.4 %**	**FH-OM-1**	**Groundmass**	**Marquesas Islands**	**²CT-NM (R98) (4C22-14**	**28.201**	**0.082**	**Kuiper et al (2008)**	**9.64981**	**0.123**	**0.00162878**	**0.123**	**303.458**	**0.175**	**0.99343543**	**0.072**	**1**	**4.8E-14**	**12**	**FEB**	**2015**	**11**	**15**	**1**
15D04656	8.2 %	FH-OM-1	Groundmass	Marquesas Islands	²CT-NM (R98) (4C22-14	28.201	0.082	Kuiper et al (2008)	9.64981	0.123	0.00162878	0.123	303.458	0.175	0.99343543	0.072	1	4.8E-14	12	FEB	2015	11	27	1
15D04658	9.1 %	FH-OM-1	Groundmass	Marquesas Islands	²CT-NM (R98) (4C22-14	28.201	0.082	Kuiper et al (2008)	9.64981	0.123	0.00162878	0.123	303.458	0.175	0.99343543	0.072	1	4.8E-14	12	FEB	2015	11	52	1
15D04659	10.1 %	FH-OM-1	Groundmass	Marquesas Islands	²CT-NM (R98) (4C22-14	28.201	0.082	Kuiper et al (2008)	9.64981	0.123	0.00162878	0.123	303.458	0.175	0.99343543	0.072	1	4.8E-14	12	FEB	2015	12	5	1
15D04660	11.2 %	FH-OM-1	Groundmass	Marquesas Islands	²CT-NM (R98) (4C22-14	28.201	0.082	Kuiper et al (2008)	9.64981	0.123	0.00162878	0.123	303.458	0.175	0.99343543	0.072	1	4.8E-14	12	FEB	2015	12	17	1
15D04662	12.3 %	FH-OM-1	Groundmass	Marquesas Islands	²CT-NM (R98) (4C22-14	28.201	0.082	Kuiper et al (2008)	9.64981	0.123	0.00162878	0.123	303.458	0.175	0.99343543	0.072	1	4.8E-14	12	FEB	2015	12	42	1
15D04663	13.5 %	FH-OM-1	Groundmass	Marquesas Islands	²CT-NM (R98) (4C22-14	28.201	0.082	Kuiper et al (2008)	9.64981	0.123	0.00162878	0.123	303.458	0.175	0.99343543	0.072	1	4.8E-14	12	FEB	2015	12	55	1
15D04664	14.8 %	FH-OM-1	Groundmass	Marquesas Islands	²CT-NM (R98) (4C22-14	28.201	0.082	Kuiper et al (2008)	9.64981	0.123	0.00162878	0.123	303.458	0.175	0.99343543	0.072	1	4.8E-14	12	FEB	2015	13	7	1
15D04666	16.2 %	FH-OM-1	Groundmass	Marquesas Islands	²CT-NM (R98) (4C22-14	28.201	0.082	Kuiper et al (2008)	9.64981	0.123	0.00162878	0.123	303.458	0.175	0.99343543	0.072	1	4.8E-14	12	FEB	2015	13	32	1
15D04667	17.7 %	FH-OM-1	Groundmass	Marquesas Islands	²CT-NM (R98) (4C22-14	28.201	0.082	Kuiper et al (2008)	9.64981	0.123	0.00162878	0.123	303.458	0.175	0.99343543	0.072	1	4.8E-14	12	FEB	2015	13	45	1
15D04668	19.8 %	FH-OM-1	Groundmass	Marquesas Islands	²CT-NM (R98) (4C22-14	28.201	0.082	Kuiper et al (2008)	9.64981	0.123	0.00162878	0.123	303.458	0.175	0.99343543	0.072	1	4.8E-14	12	FEB	2015	13	58	1
15D04670	22.1 %	FH-OM-1	Groundmass	Marquesas Islands	²CT-NM (R98) (4C22-14	28.201	0.082	Kuiper et al (2008)	9.64981	0.123	0.00162878	0.123	303.458	0.175	0.99343543	0.072	1	4.8E-14	12	FEB	2015	14	23	1
15D04671	24.5 %	FH-OM-1	Groundmass	Marquesas Islands	²CT-NM (R98) (4C22-14	28.201	0.082	Kuiper et al (2008)	9.64981	0.123	0.00162878	0.123	303.458	0.175	0.99343543	0.072	1	4.8E-14	12	FEB	2015	14	36	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
15D04626	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
15D04627	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
15D04628	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
15D04630	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
15D04631	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
15D04632	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
15D04634	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
15D04635	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
15D04636	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
15D04638	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
15D04639	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
15D04640	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
15D04642	**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**
15D04643	**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**
15D04644	**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**
15D04646	**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**
15D04647	**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**
15D04648	**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**
15D04650	**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**
15D04651	**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**
15D04652	**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**
15D04654	**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**
15D04655	**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**
15D04656	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
15D04658	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
15D04659	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
15D04660	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
15D04662	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
15D04663	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
15D04664	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
15D04666	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
15D04667	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
15D04668	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
15D04670	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
15D04671	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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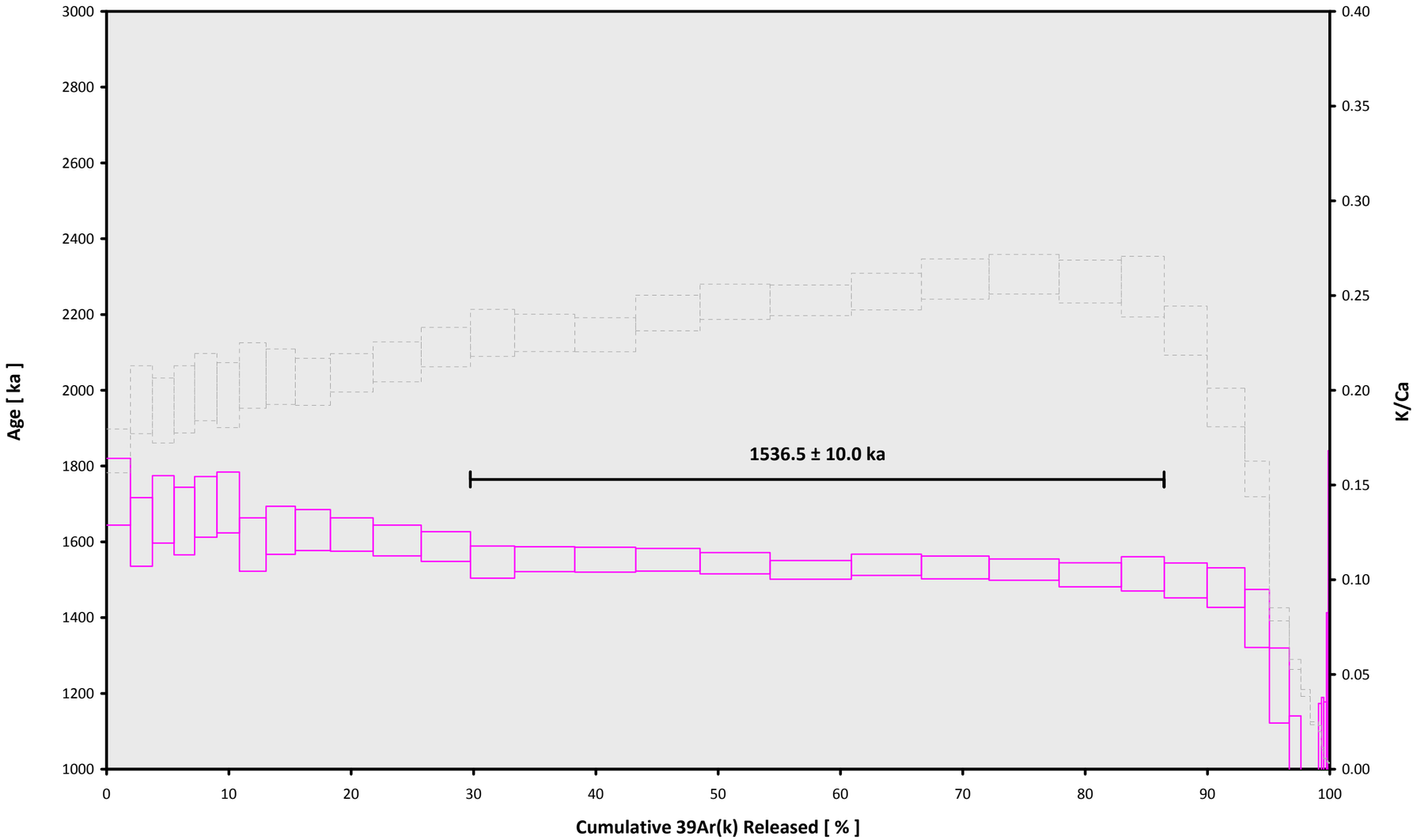


Ar-Ages in ka

WEIGHTED PLATEAU
1536.5 ± 10.0
TOTAL FUSION
1527.9 ± 10.1
NORMAL ISOCHRON
1542.8 ± 75.5
INVERSE ISOCHRON
1534.6 ± 76.9

MSWD (PROBABILITY)
0.83 (60%)

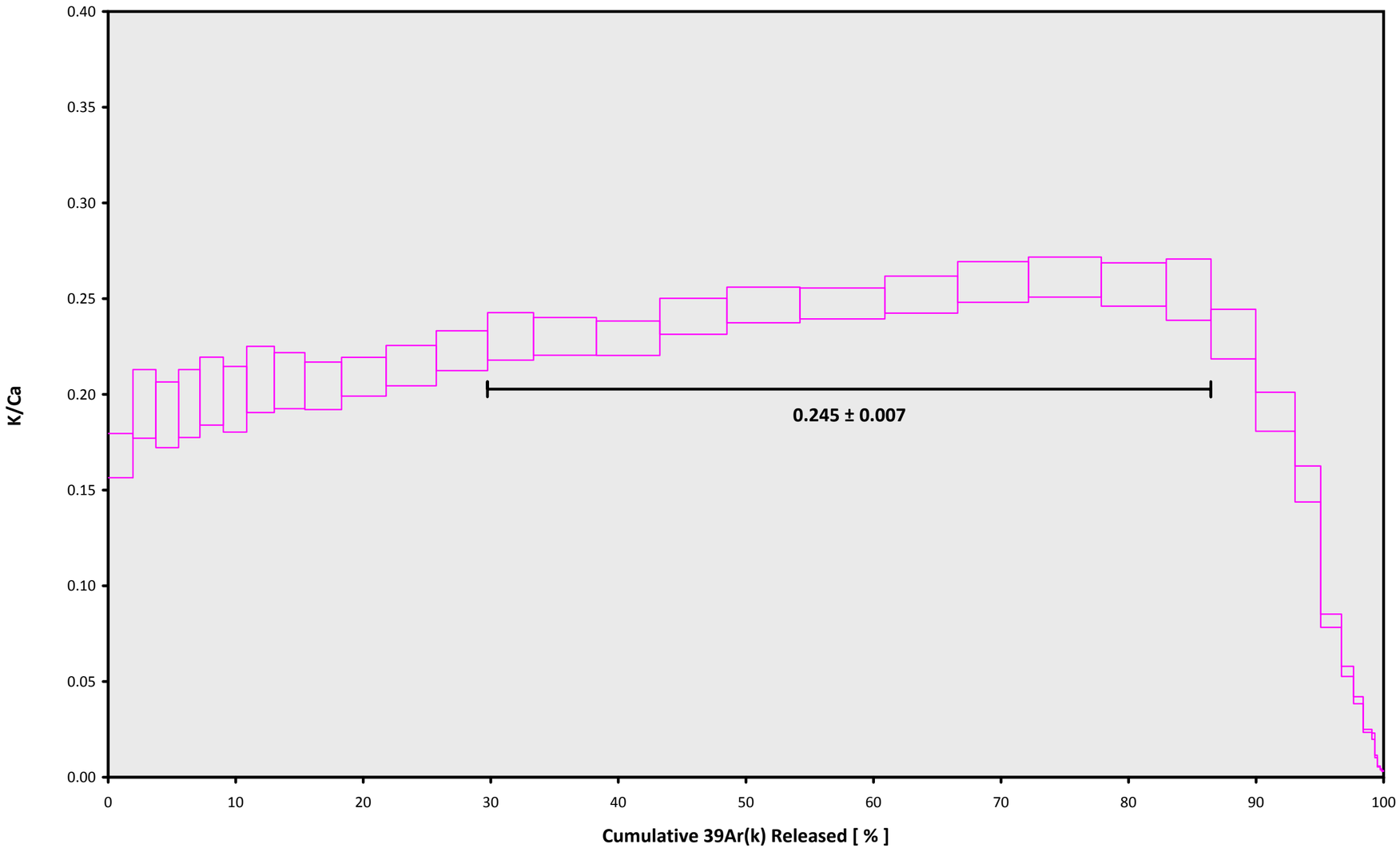
Sample Info

Groundmass
Marquesas Islands
Kevin Konrad

IRR = 14-OSU-04 (R98)
J = 0.00162878 ± 0.00000200

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

15D04625.AGE >>> FH-OM-1 >>> FRENCH POLYNESIA | MARQUESAS (14-INT-06) PROJECT



Ar-Ages in ka

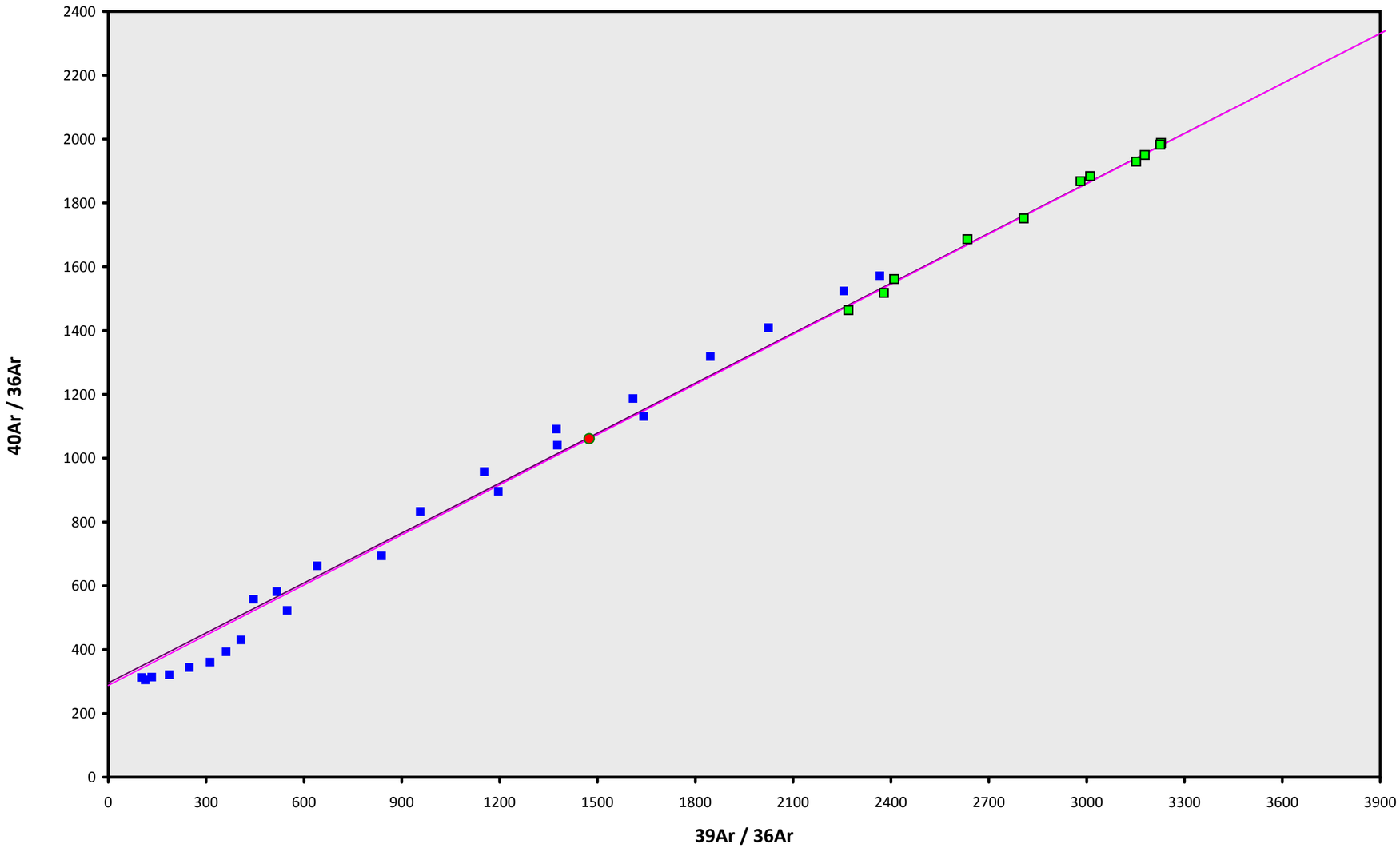
WEIGHTED PLATEAU
1536.5 ± 10.0
TOTAL FUSION
1527.9 ± 10.1
NORMAL ISOCHRON
1542.8 ± 75.5
INVERSE ISOCHRON
1534.6 ± 76.9

Sample Info

Groundmass
Marquesas Islands
Kevin Konrad

IRR = 14-OSU-04 (R98)
J = 0.00162878 ± 0.00000200

15D04625.AGE >>> FH-OM-1 >>> FRENCH POLYNESIA | MARQUESAS (14-INT-06) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU
1536.5 ± 10.0
TOTAL FUSION
1527.9 ± 10.1
NORMAL ISOCHRON
1542.8 ± 75.5
INVERSE ISOCHRON
1534.6 ± 76.9

MSWD (PROBABILITY)
0.92 (51%)

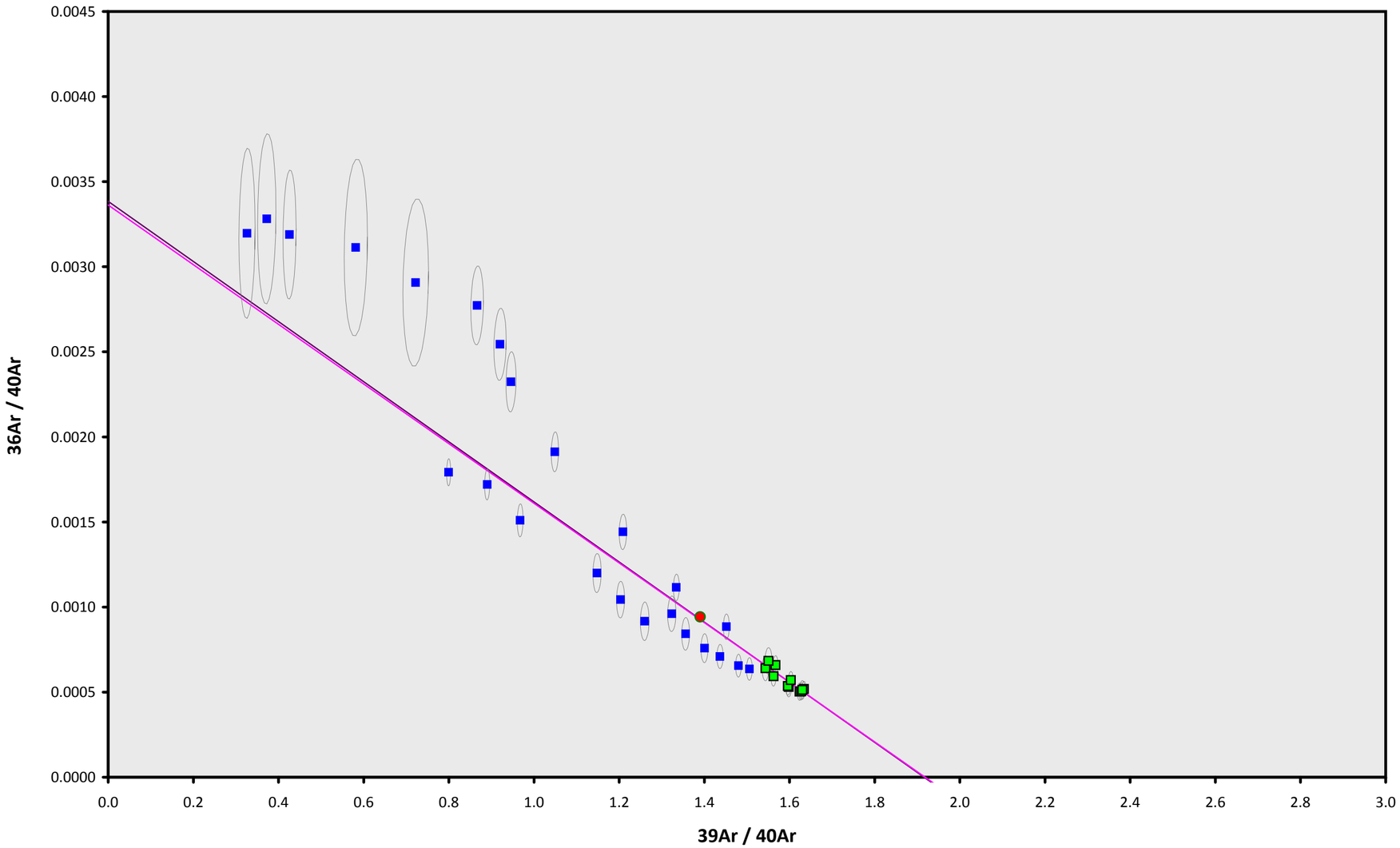
40AR/36AR INTERCEPT
287.8 ± 73.3

Sample Info

Groundmass
Marquesas Islands
Kevin Konrad

IRR = 14-OSU-04 (R98)
J = 0.00162878 ± 0.00000200

15D04625.AGE >>> FH-OM-1 >>> FRENCH POLYNESIA | MARQUESAS (14-INT-06) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU
1536.5 ± 10.0
TOTAL FUSION
1527.9 ± 10.1
NORMAL ISOCHRON
1542.8 ± 75.5
INVERSE ISOCHRON
1534.6 ± 76.9

MSWD (PROBABILITY)
0.92 (51%)

SPREADING FACTOR
4.7%

40AR/36AR INTERCEPT
297.4 ± 82.3

Sample Info

Groundmass
Marquesas Islands
Kevin Konrad

IRR = 14-OSU-04 (R98)
J = 0.00162878 ± 0.00000200