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
15D04341	1.8 %		0.0299120	2.444	25.0571	6.761	0.134128	30.379	9.5336	0.403	12.03695	0.380	0.54062 ± 0.05427	1529.7 ± 153.5	42.74	0.78	0.163 ± 0.022
15D04342	1.9 %		0.0215984	3.256	22.1457	7.701	0.106207	36.604	8.2421	0.440	9.01263	0.479	0.52879 ± 0.06107	1496.2 ± 172.7	48.27	0.67	0.160 ± 0.025
15D04343	2.0 %		0.0195976	3.367	25.4271	6.694	0.117699	33.592	9.2287	0.403	8.85734	0.498	0.54729 ± 0.05231	1548.5 ± 147.9	56.92	0.75	0.156 ± 0.021
15D04345	2.1 %		0.0164259	3.916	22.7142	7.366	0.104398	35.566	9.4221	0.387	8.34966	0.531	0.55899 ± 0.05011	1581.6 ± 141.7	62.98	0.77	0.178 ± 0.026
15D04346	2.2 %		0.0159267	4.129	22.4338	7.759	0.068654	53.594	9.3057	0.405	7.93737	0.569	0.53514 ± 0.05213	1514.1 ± 147.4	62.64	0.76	0.178 ± 0.028
15D04347	2.3 %		0.0153032	4.182	26.3702	6.678	0.070515	55.072	9.8188	0.363	8.00907	0.567	0.56466 ± 0.04876	1597.7 ± 137.9	69.10	0.80	0.160 ± 0.021
15D04349	2.4 %		0.0165494	3.906	27.9870	6.121	0.079930	48.144	10.9085	0.335	8.78741	0.501	0.55735 ± 0.04373	1577.0 ± 123.7	69.07	0.89	0.167 ± 0.021
15D04350	2.6 %		0.0218373	3.042	39.0712	4.748	0.113544	33.930	15.2683	0.240	11.82033	0.368	0.55111 ± 0.03261	1559.3 ± 92.2	71.06	1.24	0.168 ± 0.016
15D04351	2.8 %		0.0256940	2.677	43.7173	4.118	0.204962	18.259	18.0571	0.211	14.08461	0.310	0.54829 ± 0.02793	1551.3 ± 79.0	70.18	1.47	0.177 ± 0.015
15D04353	3.0 %		0.0324132	2.225	63.9320	2.818	0.278393	13.426	25.9464	0.168	18.66827	0.247	0.54246 ± 0.02011	1534.9 ± 56.9	75.27	2.11	0.174 ± 0.010
15D04354	3.2 %		0.0253162	2.678	53.3517	3.347	0.264511	15.396	23.0190	0.170	15.64203	0.279	0.53518 ± 0.02165	1514.3 ± 61.2	78.63	1.87	0.185 ± 0.012
15D04355	3.4 %		0.0289970	2.560	63.0561	2.728	0.317761	11.441	28.1207	0.152	18.94909	0.243	0.54388 ± 0.01868	1538.9 ± 52.8	80.59	2.29	0.191 ± 0.010
15D04357	3.6 %		0.0429997	1.736	93.9507	1.949	0.500139	7.663	41.2207	0.118	27.37547	0.162	0.53354 ± 0.01301	1509.6 ± 36.8	80.21	3.35	0.188 ± 0.007
15D04358	3.9 %	✓	0.0315040	2.168	70.3931	2.448	0.416682	9.738	32.9862	0.136	20.82465	0.211	0.51541 ± 0.01503	1458.3 ± 42.5	81.52	2.68	0.201 ± 0.010
15D04359	4.2 %	✓	0.0439841	1.788	99.1836	1.753	0.535618	7.190	47.7871	0.109	30.23563	0.148	0.52237 ± 0.01149	1478.0 ± 32.5	82.44	3.89	0.207 ± 0.007
15D04361	4.5 %	✓	0.0339995	2.136	80.9184	2.158	0.526253	7.442	41.5346	0.116	25.60290	0.170	0.52631 ± 0.01250	1489.2 ± 35.3	85.27	3.38	0.220 ± 0.010
15D04362	4.8 %	✓	0.0484767	1.640	115.7101	1.591	0.720941	5.436	61.0192	0.095	37.37373	0.121	0.52536 ± 0.00921	1486.5 ± 26.1	85.66	4.97	0.226 ± 0.007
15D04363	5.1 %	✓	0.0391350	1.973	92.1351	2.087	0.569226	6.526	53.1332	0.102	32.04392	0.139	0.52031 ± 0.01048	1472.2 ± 29.6	86.17	4.33	0.248 ± 0.010
15D04365	5.4 %	✓	0.0615594	1.428	145.7511	1.306	1.019411	3.608	84.0985	0.087	50.74565	0.090	0.52197 ± 0.00727	1476.9 ± 20.5	86.40	6.85	0.248 ± 0.006
15D04366	5.8 %	✓	0.0545648	1.435	127.2779	1.457	1.010466	3.708	80.3240	0.089	47.72900	0.094	0.51673 ± 0.00696	1462.1 ± 19.7	86.87	6.54	0.271 ± 0.008
15D04367	6.2 %	✓	0.0517485	1.475	116.4699	1.521	0.939852	4.307	81.3961	0.090	48.11851	0.095	0.51442 ± 0.00667	1455.6 ± 18.9	86.93	6.63	0.300 ± 0.009
15D04369	6.8 %	✓	0.0544756	1.462	120.9854	1.523	1.005756	3.909	85.9864	0.087	50.97140	0.085	0.51484 ± 0.00656	1456.7 ± 18.6	86.77	7.00	0.305 ± 0.009
15D04370	7.4 %	✓	0.0473705	1.622	103.2184	1.694	0.942241	3.819	76.0801	0.091	45.44965	0.098	0.51879 ± 0.00713	1467.9 ± 20.2	86.76	6.20	0.317 ± 0.011
15D04371	8.2 %	✓	0.0436153	1.725	91.6389	1.946	0.838823	4.438	68.4909	0.091	40.92455	0.108	0.51325 ± 0.00783	1452.2 ± 22.1	85.82	5.58	0.321 ± 0.013
15D04373	9.1 %	✓	0.0758732	1.227	140.9855	1.301	1.191611	3.161	95.3558	0.084	60.22794	0.076	0.51142 ± 0.00664	1447.1 ± 18.8	80.89	7.76	0.291 ± 0.008
15D04374	10.1 %		0.0681471	1.246	113.7711	1.656	0.921239	4.250	69.6542	0.095	46.52213	0.099	0.50592 ± 0.00852	1431.5 ± 24.1	75.66	5.67	0.263 ± 0.009
15D04375	11.2 %		0.0596671	1.434	92.0674	2.015	0.570780	6.536	43.7511	0.113	32.32861	0.142	0.49992 ± 0.01355	1414.5 ± 38.3	67.56	3.56	0.204 ± 0.008
15D04377	12.3 %		0.0654409	1.360	92.5489	2.008	0.431923	8.946	31.6710	0.137	27.56553	0.160	0.48789 ± 0.01925	1380.5 ± 54.5	55.94	2.58	0.147 ± 0.006
15D04378	13.5 %		0.0634175	1.372	79.7648	2.229	0.281293	12.774	19.4240	0.206	21.85540	0.198	0.48132 ± 0.03056	1361.9 ± 86.4	42.66	1.58	0.104 ± 0.005
15D04379	14.8 %		0.0531352	1.495	57.0544	2.989	0.204447	18.495	11.9318	0.315	16.43100	0.275	0.43503 ± 0.04610	1231.0 ± 130.4	31.49	0.97	0.090 ± 0.005
15D04381	16.2 %		0.0769958	1.154	104.6765	1.743	0.200420	19.683	10.0044	0.375	18.78883	0.232	0.42274 ± 0.06084	1196.2 ± 172.1	22.35	0.81	0.041 ± 0.001
15D04382	17.7 %		0.0629933	1.266	91.5729	1.914	0.113689	33.191	5.3641	0.656	13.82746	0.324	0.44421 ± 0.10434	1257.0 ± 295.1	17.03	0.43	0.025 ± 0.001
15D04383	19.8 %		0.1073341	0.931	197.8349	1.020	0.124036	31.356	4.8497	0.688	17.81820	0.247	0.32542 ± 0.14325	920.9 ± 405.3	8.61	0.38	0.010 ± 0.000
15D04385	22.1 %		0.1073198	0.872	214.1188	1.005	0.058401	64.779	3.2666	1.084	15.84863	0.267	0.26813 ± 0.20899	758.8 ± 591.3	5.28	0.25	0.006 ± 0.000
15D04386	24.5 %		0.1249489	0.926	270.7097	0.875	0.138195	27.932	2.7258	1.307	16.83987	0.269	0.40969 ± 0.30792	1159.3 ± 871.1	6.19	0.21	0.004 ± 0.000
		Σ	1.6882769	0.277	3148.0010	0.343	15.122144	1.499	1228.9265	0.024	887.60342	0.030					

Information on Analysis and Constants Used in Calculations

Project = **MARQUESAS (14-INT-06)**
Sample = **93FH4**
Material = **Groundmass**
Location = **Marquesas Islands**
Region = **French Polynesia**
Analyst = **Kevin Konrad**
Irradiation = **14-OSU-04 (R98)**
Position = **X: 0 | Y: 0 | Z/H: 49.49 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **10.04083 ± 0.01185**
FCT-NM J-value = **0.00156535 ± 0.00000185**
Air Shot 40Ar/36Ar = **303.4480 ± 0.5341**
Air Shot MDF = **0.99344346 ± 0.00071961 (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 = **IEKK1-93FH4**
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

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (ka)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau		0.51727 ± 0.00260 (± 0.50%)	**1463.6 ± 8.1 (± 0.56%)**	1.24	65.81	0.257 ± 0.023
		Full External Error ± 34.0		25%	12	
		Analytical Error ± 7.4		1.85	2σ Confidence Limit	
				1.1153	Error Magnification	
Total Fusion Age		0.51611 ± 0.00269 (± 0.52%)	**1460.3 ± 8.3 (± 0.57%)**		35	0.168 ± 0.001
		Full External Error ± 34.0				
		Analytical Error ± 7.6				
Normal Isochron	**292.19 ± 50.33 (± 17.22%)**	0.51770 ± 0.01510 (± 2.92%)	**1464.8 ± 42.9 (± 2.93%)**	1.28	65.81	
		Full External Error ± 54.1		23%	12	
		Analytical Error ± 42.7		1.89	2σ Confidence Limit	
				1.1335	Error Magnification	
				40	Number of Iterations	
				0.0000051508	Convergence	
Inverse Isochron	**298.40 ± 56.33 (± 18.88%)**	0.51642 ± 0.01597 (± 3.09%)	**1461.2 ± 45.3 (± 3.10%)**	1.37	65.81	
		Full External Error ± 56.0		19%	12	
		Analytical Error ± 45.2		1.89	2σ Confidence Limit	
				1.1692	Error Magnification	
Notes				3	Number of Iterations	
The plateau begins with a relatively higher apparent age, likely a function of alteration based recystallization. The plateau then levels off for a long consistant result. The highest temperature steps show lower apparent age, likely a function of high te				0.0000490727	Convergence	
				6%	Spreading Factor	

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
15D04341	1.8 %		0.0232905	25.0571	0.0211263	9.5167	5.14499	1529.7 ± 153.5	42.74	0.78	0.163 ± 0.022
15D04342	1.9 %		0.0157491	22.1457	0.0093303	8.2272	4.35046	1496.2 ± 172.7	48.27	0.67	0.160 ± 0.025
15D04343	2.0 %		0.0128818	25.4271	0.0101100	9.2116	5.04147	1548.5 ± 147.9	56.92	0.75	0.156 ± 0.021
15D04345	2.1 %		0.0104294	22.7142	0.0000000	9.4068	5.25827	1581.6 ± 141.7	62.98	0.77	0.178 ± 0.026
15D04346	2.2 %		0.0100042	22.4338	0.0000000	9.2906	4.97174	1514.1 ± 147.4	62.64	0.76	0.178 ± 0.028
15D04347	2.3 %		0.0083415	26.3702	0.0000000	9.8010	5.53426	1597.7 ± 137.9	69.10	0.80	0.160 ± 0.021
15D04349	2.4 %		0.0091608	27.9870	0.0000000	10.8897	6.06939	1577.0 ± 123.7	69.07	0.89	0.167 ± 0.021
15D04350	2.6 %		0.0115225	39.0712	0.0000000	15.2420	8.40004	1559.3 ± 92.2	71.06	1.24	0.168 ± 0.016
15D04351	2.8 %		0.0141526	43.7173	0.0000000	18.0277	9.88430	1551.3 ± 79.0	70.18	1.47	0.177 ± 0.015
15D04353	3.0 %		0.0155351	63.9320	0.0000000	25.9034	14.05148	1534.9 ± 56.9	75.27	2.11	0.174 ± 0.010
15D04354	3.2 %		0.0112313	53.3517	0.0001234	22.9831	12.29997	1514.3 ± 61.2	78.63	1.87	0.185 ± 0.012
15D04355	3.4 %		0.0123502	63.0561	0.0000000	28.0783	15.27124	1538.9 ± 52.8	80.59	2.29	0.191 ± 0.010
15D04357	3.6 %		0.0181884	93.9507	0.0270616	41.1575	21.95922	1509.6 ± 36.8	80.21	3.35	0.188 ± 0.007
15D04358	3.9 %	✓	0.0129085	70.3931	0.0384471	32.9389	16.97692	1458.3 ± 42.5	81.52	2.68	0.201 ± 0.010
15D04359	4.2 %	✓	0.0177996	99.1836	0.0000000	47.7204	24.92765	1478.0 ± 32.5	82.44	3.89	0.207 ± 0.007
15D04361	4.5 %	✓	0.0126216	80.9184	0.0507250	41.4801	21.83130	1489.2 ± 35.3	85.27	3.38	0.220 ± 0.010
15D04362	4.8 %	✓	0.0179224	115.7101	0.0224706	60.9413	32.01611	1486.5 ± 26.1	85.66	4.97	0.226 ± 0.007
15D04363	5.1 %	✓	0.0148114	92.1351	0.0000000	53.0712	27.61356	1472.2 ± 29.6	86.17	4.33	0.248 ± 0.010
15D04365	5.4 %	✓	0.0230637	145.7511	0.0571495	84.0004	43.84547	1476.9 ± 20.5	86.40	6.85	0.248 ± 0.006
15D04366	5.8 %	✓	0.0209355	127.2779	0.0916710	80.2384	41.46152	1462.1 ± 19.7	86.87	6.54	0.271 ± 0.008
15D04367	6.2 %	✓	0.0209978	116.4699	0.0089131	81.3177	41.83154	1455.6 ± 18.9	86.93	6.63	0.300 ± 0.009
15D04369	6.8 %	✓	0.0225286	120.9854	0.0222652	85.9049	44.22742	1456.7 ± 18.6	86.77	7.00	0.305 ± 0.009
15D04370	7.4 %	✓	0.0200989	103.2184	0.0720484	76.0107	39.43365	1467.9 ± 20.2	86.76	6.20	0.317 ± 0.011
15D04371	8.2 %	✓	0.0194058	91.6389	0.0551977	68.4292	35.12102	1452.2 ± 22.1	85.82	5.58	0.321 ± 0.013
15D04373	9.1 %	✓	0.0386231	140.9855	0.0983632	95.2609	48.71860	1447.1 ± 18.8	80.89	7.76	0.291 ± 0.008
15D04374	10.1 %		0.0380748	113.7711	0.1207480	69.5776	35.20076	1431.5 ± 24.1	75.66	5.67	0.263 ± 0.009
15D04375	11.2 %		0.0353413	92.0674	0.0657127	43.6891	21.84113	1414.5 ± 38.3	67.56	3.56	0.204 ± 0.008
15D04377	12.3 %		0.0409887	92.5489	0.0632689	31.6087	15.42144	1380.5 ± 54.5	55.94	2.58	0.147 ± 0.006
15D04378	13.5 %		0.0423438	79.7648	0.0518361	19.3703	9.32325	1361.9 ± 86.4	42.66	1.58	0.104 ± 0.005
15D04379	14.8 %		0.0380542	57.0544	0.0611947	11.8934	5.17396	1231.0 ± 130.4	31.49	0.97	0.090 ± 0.005
15D04381	16.2 %		0.0493378	104.6765	0.0766957	9.9339	4.19948	1196.2 ± 172.1	22.35	0.81	0.041 ± 0.001
15D04382	17.7 %		0.0388044	91.5729	0.0448218	5.3025	2.35542	1257.0 ± 295.1	17.03	0.43	0.025 ± 0.001
15D04383	19.8 %		0.0550882	197.8349	0.0573155	4.7166	1.53486	920.9 ± 405.3	8.61	0.38	0.010 ± 0.000
15D04385	22.1 %		0.0507892	214.1188	0.0103975	3.1225	0.83725	758.8 ± 591.3	5.28	0.25	0.006 ± 0.000
15D04386	24.5 %		0.0534525	270.7097	0.0954953	2.5437	1.04210	1159.3 ± 871.1	6.19	0.21	0.004 ± 0.000
		Σ	0.8568294	3148.0010	1.2324889	1226.8079	633.17125				

Information on Analysis

Project = **MARQUESAS (14-INT-06)**
Sample = **93FH4**
Material = **Groundmass**
Location = **Marquesas Islands**
Region = **French Polynesia**
Analyst = **Kevin Konrad**
Irradiation = **14-OSU-04 (R98)**
J = **0.00156535 ± 0.00000185**
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	0.51727 ± 0.00260 ± 0.50%	**1463.6 ± 8.1 ± 0.56%**	1.24 25% 1.85 1.1153	65.81 12 2σ Confidence Limit Error Magnification	0.257 ± 0.023
		Full External Error ± 34.0 Analytical Error ± 7.4			
Total Fusion Age	0.51611 ± 0.00269 ± 0.52%	**1460.3 ± 8.3 ± 0.57%**		35	0.168 ± 0.001
		Full External Error ± 34.0 Analytical Error ± 7.6			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
15D04341	1.8 %		408.61 ± 30.26	516.40 ± 38.21	0.9888
15D04342	1.9 %		522.39 ± 55.59	571.74 ± 60.88	0.9925
15D04343	2.0 %		715.09 ± 88.84	686.86 ± 85.43	0.9947
15D04345	2.1 %		901.95 ± 135.14	799.68 ± 119.96	0.9961
15D04346	2.2 %		928.67 ± 149.14	792.46 ± 127.42	0.9962
15D04347	2.3 %		1174.97 ± 223.01	958.96 ± 182.20	0.9975
15D04349	2.4 %		1188.73 ± 204.90	958.04 ± 165.29	0.9976
15D04350	2.6 %		1322.80 ± 189.59	1024.51 ± 146.95	0.9981
15D04351	2.8 %		1273.80 ± 150.58	993.91 ± 117.58	0.9980
15D04353	3.0 %		1667.41 ± 185.51	1200.00 ± 133.58	0.9986
15D04354	3.2 %		2046.34 ± 301.04	1390.65 ± 204.68	0.9990
15D04355	3.4 %		2273.51 ± 320.46	1532.02 ± 216.02	0.9992
15D04357	3.6 %		2262.84 ± 221.35	1502.82 ± 147.04	0.9992
15D04358	3.9 %	✓	2551.72 ± 324.60	1610.67 ± 204.96	0.9992
15D04359	4.2 %	✓	2680.98 ± 274.34	1695.96 ± 173.58	0.9994
15D04361	4.5 %	✓	3286.43 ± 448.11	2025.17 ± 276.18	0.9995
15D04362	4.8 %	✓	3400.29 ± 353.62	2081.88 ± 216.53	0.9996
15D04363	5.1 %	✓	3583.14 ± 447.12	2159.85 ± 269.55	0.9996
15D04365	5.4 %	✓	3642.10 ± 319.92	2196.56 ± 192.95	0.9996
15D04366	5.8 %	✓	3832.65 ± 338.26	2275.94 ± 200.87	0.9996
15D04367	6.2 %	✓	3872.69 ± 330.36	2287.69 ± 195.16	0.9995
15D04369	6.8 %	✓	3813.14 ± 315.98	2258.66 ± 187.17	0.9996
15D04370	7.4 %	✓	3781.83 ± 337.35	2257.48 ± 201.38	0.9996
15D04371	8.2 %	✓	3526.22 ± 322.59	2105.32 ± 192.62	0.9995
15D04373	9.1 %	✓	2466.42 ± 134.08	1556.88 ± 84.63	0.9991
15D04374	10.1 %		1827.39 ± 94.56	1220.02 ± 63.13	0.9986
15D04375	11.2 %		1236.21 ± 69.04	913.51 ± 51.04	0.9979
15D04377	12.3 %		771.16 ± 38.30	671.74 ± 33.38	0.9964
15D04378	13.5 %		457.45 ± 21.44	515.68 ± 24.17	0.9925
15D04379	14.8 %		312.54 ± 15.13	431.46 ± 20.85	0.9850
15D04381	16.2 %		201.35 ± 8.39	380.62 ± 15.69	0.9771
15D04382	17.7 %		136.65 ± 6.74	356.20 ± 17.09	0.9543
15D04383	19.8 %		85.62 ± 3.72	323.36 ± 13.40	0.9388
15D04385	22.1 %		61.48 ± 2.99	311.98 ± 13.55	0.8781
15D04386	24.5 %		47.59 ± 2.70	315.00 ± 15.60	0.8638

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (ka)	MSWD
Normal Isochron	**292.19 ± 50.33 ± 17.22%**	0.51770 ± 0.01510 ± 2.92%	**1464.8 ± 42.9 ± 2.93%**	1.28 23%
			Full External Error ± 54.1	
			Analytical Error ± 42.7	

Statistics				
	2σ Confidence Limit	1.89	Convergence	0.000005150816
	Error Magnification	1.1335	Number of Iterations	40
	Number of Data Points	12	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
15D04341	1.8 %		0.7912595 ± 0.0087820	0.00193647 ± 0.00014330	0.0705
15D04342	1.9 %		0.9136959 ± 0.0119039	0.00174906 ± 0.00018623	0.0662
15D04343	2.0 %		1.0410916 ± 0.0133667	0.00145589 ± 0.00018107	0.0624
15D04345	2.1 %		1.1278884 ± 0.0148407	0.00125050 ± 0.00018758	0.0573
15D04346	2.2 %		1.1718743 ± 0.0163891	0.00126189 ± 0.00020290	0.0576
15D04347	2.3 %		1.2252529 ± 0.0165236	0.00104279 ± 0.00019813	0.0503
15D04349	2.4 %		1.2407940 ± 0.0149677	0.00104380 ± 0.00018008	0.0483
15D04350	2.6 %		1.2911540 ± 0.0113618	0.00097608 ± 0.00014000	0.0431
15D04351	2.8 %		1.2816115 ± 0.0096301	0.00100613 ± 0.00011903	0.0434
15D04353	3.0 %		1.3895086 ± 0.0083168	0.00083333 ± 0.00009276	0.0369
15D04354	3.2 %		1.4714981 ± 0.0096365	0.00071909 ± 0.00010584	0.0325
15D04355	3.4 %		1.4839950 ± 0.0085064	0.00065273 ± 0.00009204	0.0292
15D04357	3.6 %		1.5057291 ± 0.0060470	0.00066542 ± 0.00006511	0.0268
15D04358	3.9 %	✓	1.5842552 ± 0.0079812	0.00062086 ± 0.00007900	0.0279
15D04359	4.2 %	✓	1.5808032 ± 0.0058183	0.00058964 ± 0.00006035	0.0233
15D04361	4.5 %	✓	1.6227895 ± 0.0066944	0.00049379 ± 0.00006734	0.0207
15D04362	4.8 %	✓	1.6332820 ± 0.0050299	0.00048034 ± 0.00004996	0.0184
15D04363	5.1 %	✓	1.6589755 ± 0.0057306	0.00046300 ± 0.00005778	0.0181
15D04365	5.4 %	✓	1.6580950 ± 0.0041575	0.00045526 ± 0.00003999	0.0147
15D04366	5.8 %	✓	1.6839837 ± 0.0043850	0.00043938 ± 0.00003878	0.0156
15D04367	6.2 %	✓	1.6928367 ± 0.0044270	0.00043712 ± 0.00003729	0.0163
15D04369	6.8 %	✓	1.6882293 ± 0.0041117	0.00044274 ± 0.00003669	0.0145
15D04370	7.4 %	✓	1.6752444 ± 0.0044662	0.00044297 ± 0.00003952	0.0161
15D04371	8.2 %	✓	1.6749104 ± 0.0047525	0.00047499 ± 0.00004346	0.0181
15D04373	9.1 %	✓	1.5842043 ± 0.0035876	0.00064231 ± 0.00003492	0.0187
15D04374	10.1 %		1.4978438 ± 0.0041185	0.00081966 ± 0.00004242	0.0277
15D04375	11.2 %		1.3532540 ± 0.0049330	0.00109468 ± 0.00006117	0.0399
15D04377	12.3 %		1.1480042 ± 0.0048409	0.00148868 ± 0.00007398	0.0488
15D04378	13.5 %		0.8870892 ± 0.0050768	0.00193919 ± 0.00009088	0.0587
15D04379	14.8 %		0.7243661 ± 0.0060758	0.00231770 ± 0.00011198	0.0748
15D04381	16.2 %		0.5289972 ± 0.0046955	0.00262731 ± 0.00010830	0.0589
15D04382	17.7 %		0.3836231 ± 0.0056691	0.00280741 ± 0.00013468	0.0594
15D04383	19.8 %		0.2647762 ± 0.0039714	0.00309251 ± 0.00012810	0.0394
15D04385	22.1 %		0.1970624 ± 0.0045952	0.00320528 ± 0.00013919	0.0282
15D04386	24.5 %		0.1510724 ± 0.0043123	0.00317464 ± 0.00015719	0.0204

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (ka)	MSWD
Inverse Isochron	**298.40 ± 56.33 ± 18.88%**	0.51642 ± 0.01597 ± 3.09%	**1461.2 ± 45.3 ± 3.10%**	1.37 19%
			Full External Error ± 56.0	
			Analytical Error ± 45.2	

Statistics				
	2σ Confidence Limit	1.89	Convergence	0.0000490727
	Error Magnification	1.1692	Number of Iterations	3
	Number of Data Points	12	Calculated Line	Weighted York-2
	Spreading Factor	5.8%		

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
15D04341	1.8 %		0.0232905	3.68	0.0000000	0.00	0.0066151	6.76	0.0000064	192.90	25.0571	6.76	0.0043530	3.68	0.0000000	0.00	0.108301	0.40	0.0003483	6.76	0.0211263	192.90	9.5167	0.40	0.0168634	6.76	5.14499	5.00	6.88235	3.68	0.0000000	0.00	0.0096119	0.40
15D04342	1.9 %		0.0157491	5.30	0.0000000	0.00	0.0058465	7.70	0.0000028	416.72	22.1457	7.70	0.0029435	5.30	0.0000000	0.00	0.093626	0.44	0.0003078	7.70	0.0093303	416.73	8.2272	0.44	0.0149041	7.70	4.35046	5.76	4.65386	5.30	0.0000000	0.00	0.0083095	0.44
15D04343	2.0 %		0.0128818	6.20	0.0000000	0.00	0.0067128	6.69	0.0000031	391.12	25.4271	6.69	0.0024076	6.20	0.0000000	0.00	0.104828	0.40	0.0003534	6.69	0.0101100	391.12	9.2116	0.40	0.0171125	6.69	5.04147	4.76	3.80657	6.20	0.0000000	0.00	0.0093037	0.40
15D04345	2.1 %		0.0104294	7.48	0.0000000	0.00	0.0059965	7.37	0.0000000	0.00	22.7142	7.37	0.0019493	7.48	0.0000000	0.00	0.107049	0.39	0.0003157	7.37	0.0000000	0.00	9.4068	0.39	0.0152866	7.37	5.25827	4.47	3.08189	7.48	0.0000000	0.00	0.0095008	0.39
15D04346	2.2 %		0.0100042	8.02	0.0000000	0.00	0.0059225	7.76	0.0000000	0.00	22.4338	7.76	0.0018698	8.02	0.0000000	0.00	0.105727	0.41	0.0003118	7.76	0.0000000	0.00	9.2906	0.41	0.0150980	7.76	4.97174	4.85	2.95625	8.02	0.0000000	0.00	0.0093835	0.41
15D04347	2.3 %		0.0083415	9.48	0.0000000	0.00	0.0069617	6.68	0.0000000	0.00	26.3702	6.68	0.0015590	9.48	0.0000000	0.00	0.111536	0.36	0.0003665	6.68	0.0000000	0.00	9.8010	0.36	0.0177471	6.68	5.53426	4.30	2.46491	9.48	0.0000000	0.00	0.0098990	0.36
15D04349	2.4 %		0.0091608	8.61	0.0000000	0.00	0.0073886	6.12	0.0000000	0.00	27.9870	6.12	0.0017122	8.61	0.0000000	0.00	0.123925	0.34	0.0003890	6.12	0.0000000	0.00	10.8897	0.34	0.0188353	6.12	6.06939	3.91	2.70702	8.61	0.0000000	0.00	0.0109986	0.34
15D04350	2.6 %		0.0115225	7.16	0.0000000	0.00	0.0103148	4.75	0.0000000	0.00	39.0712	4.75	0.0021536	7.16	0.0000000	0.00	0.173454	0.24	0.0005431	4.75	0.0000000	0.00	15.2420	0.24	0.0262949	4.75	8.40004	2.95	3.40490	7.16	0.0000000	0.00	0.0153944	0.24
15D04351	2.8 %		0.0141526	5.91	0.0000000	0.00	0.0115414	4.12	0.0000000	0.00	43.7173	4.12	0.0026451	5.91	0.0000000	0.00	0.205155	0.21	0.0006077	4.12	0.0000000	0.00	18.0277	0.21	0.0294218	4.12	9.88430	2.54	4.18210	5.91	0.0000000	0.00	0.0182079	0.21
15D04353	3.0 %		0.0155351	5.56	0.0000000	0.00	0.0168781	2.82	0.0000000	0.00	63.9320	2.82	0.0029035	5.56	0.0000000	0.00	0.294780	0.17	0.0008887	2.82	0.0000000	0.00	25.9034	0.17	0.0430263	2.82	14.05148	1.85	4.59063	5.56	0.0000000	0.00	0.0261624	0.17
15D04354	3.2 %		0.0112313	7.35	0.0000000	0.00	0.0140849	3.35	0.0000000	######	53.3517	3.35	0.0020991	7.35	0.0000000	0.00	0.261547	0.17	0.0007416	3.35	0.0001234	######	22.9831	0.17	0.0359057	3.35	12.29997	2.02	3.31884	7.35	0.0000000	0.00	0.0232129	0.17
15D04355	3.4 %		0.0123502	7.05	0.0000000	0.00	0.0166468	2.73	0.0000000	0.00	63.0561	2.73	0.0023083	7.05	0.0000000	0.00	0.319531	0.15	0.0008765	2.73	0.0000000	0.00	28.0783	0.15	0.0424367	2.73	15.27124	1.71	3.64949	7.05	0.0000000	0.00	0.0283590	0.15
15D04357	3.6 %		0.0181884	4.89	0.0000000	0.00	0.0248030	1.95	0.0000082	141.65	93.9507	1.95	0.0033994	4.89	0.0000000	0.00	0.468372	0.12	0.0013059	1.95	0.0270616	141.65	41.1575	0.12	0.0632288	1.95	21.95922	1.21	5.37468	4.89	0.0000000	0.00	0.0415690	0.12
15D04358	3.9 %	✓	0.0129085	6.36	0.0000000	0.00	0.0185838	2.45	0.0000117	105.56	70.3931	2.45	0.0024126	6.36	0.0000000	0.00	0.374844	0.14	0.0009785	2.45	0.0384471	105.56	32.9389	0.14	0.0473746	2.45	16.97692	1.45	3.81446	6.36	0.0000000	0.00	0.0332682	0.14
15D04359	4.2 %	✓	0.0177996	5.12	0.0000000	0.00	0.0261845	1.75	0.0000000	0.00	99.1836	1.75	0.0033267	5.12	0.0000000	0.00	0.543058	0.11	0.0013787	1.75	0.0000000	0.00	47.7204	0.11	0.0667506	1.75	24.92765	1.09	5.25978	5.12	0.0000000	0.00	0.0481976	0.11
15D04361	4.5 %	✓	0.0126216	6.82	0.0000000	0.00	0.0213624	2.16	0.0000154	77.22	80.9184	2.16	0.0023590	6.82	0.0000000	0.00	0.472044	0.12	0.0011248	2.16	0.0507250	77.23	41.4801	0.12	0.0544581	2.16	21.83130	1.18	3.72970	6.82	0.0000000	0.00	0.0418949	0.12
15D04362	4.8 %	✓	0.0179224	5.20	0.0000000	0.00	0.0305475	1.59	0.0000068	174.46	115.7101	1.59	0.0033497	5.20	0.0000000	0.00	0.693512	0.09	0.0016084	1.59	0.0224706	174.46	60.9413	0.09	0.0778729	1.59	32.01611	0.87	5.29606	5.20	0.0000000	0.00	0.0615507	0.09
15D04363	5.1 %	✓	0.0148114	6.24	0.0000000	0.00	0.0243237	2.09	0.0000000	0.00	92.1351	2.09	0.0027682	6.24	0.0000000	0.00	0.603950	0.10	0.0012807	2.09	0.0000000	0.00	53.0712	0.10	0.0620069	2.09	27.61356	1.00	4.37676	6.24	0.0000000	0.00	0.0536019	0.10
15D04365	5.4 %	✓	0.0230637	4.39	0.0000000	0.00	0.0384783	1.31	0.0000174	64.39	145.7511	1.31	0.0043106	4.39	0.0000000	0.00	0.955925	0.09	0.0020259	1.31	0.0571495	64.40	84.0004	0.09	0.0980905	1.31	43.84547	0.69	6.81534	4.39	0.0000000	0.00	0.0848404	0.09
15D04366	5.8 %	✓	0.0209355	4.41	0.0000000	0.00	0.0336014	1.46	0.0000279	40.89	127.2779	1.46	0.0039128	4.41	0.0000000	0.00	0.913113	0.09	0.0017692	1.46	0.0916710	40.90	80.2384	0.09	0.0856580	1.46	41.46152	0.67	6.18644	4.41	0.0000000	0.00	0.0810408	0.09
15D04367	6.2 %	✓	0.0209978	4.26	0.0000000	0.00	0.0307480	1.52	0.0000027	454.24	116.4699	1.52	0.0039245	4.26	0.0000000	0.00	0.925396	0.09	0.0016189	1.52	0.0089131	454.24	81.3177	0.09	0.0783842	1.52	41.83154	0.64	6.20484	4.26	0.0000000	0.00	0.0821309	0.09
15D04369	6.8 %	✓	0.0225286	4.14	0.0000000	0.00	0.0319401	1.52	0.0000068	176.64	120.9854	1.52	0.0042106	4.14	0.0000000	0.00	0.977598	0.09	0.0016817	1.52	0.0222652	176.64	85.9049	0.09	0.0814232	1.52	44.22742	0.63	6.65722	4.14	0.0000000	0.00	0.0867640	0.09
15D04370	7.4 %	✓	0.0200989	4.46	0.0000000	0.00	0.0272497	1.69	0.0000219	49.97	103.2184	1.69	0.0037565	4.46	0.0000000	0.00	0.865001	0.09	0.0014347	1.69	0.0720484	49.97	76.0107	0.09	0.0694660	1.69	39.43365	0.68	5.93924	4.46	0.0000000	0.00	0.0767708	0.09
15D04371	8.2 %	✓	0.0194058	4.57	0.0000000	0.00	0.0241927	1.95	0.0000168	67.47	91.6389	1.95	0.0036269	4.57	0.0000000	0.00	0.778724	0.09	0.0012738	1.95	0.0551977	67.48	68.4292	0.09	0.0616730	1.95	35.12102	0.76	5.73441	4.57	0.0000000	0.00	0.0691135	0.09
15D04373	9.1 %	✓	0.0386231	2.72	0.0000000	0.00	0.0372202	1.30	0.0000299	38.31	140.9855	1.30	0.0072187	2.72	0.0000000	0.00	1.084070	0.08	0.0019597	1.30	0.0983632	38.33	95.2609	0.08	0.0948833	1.30	48.71860	0.64	11.41313	2.72	0.0000000	0.00	0.0962136	0.08
15D04374	10.1 %		0.0380748	2.59	0.0000000	0.00	0.0300356	1.66	0.0000368	32.45	113.7711	1.66	0.0071162	2.59	0.0000000	0.00	0.791793	0.10	0.0015814	1.66	0.1207480	32.46	69.5776	0.10	0.0765679	1.66	35.20076	0.84	11.25110	2.59	0.0000000	0.00	0.0702734	0.10
15D04375	11.2 %		0.0353413	2.79	0.0000000	0.00	0.0243058	2.01	0.0000200	56.79	92.0674	2.01	0.0066053	2.79	0.0000000	0.00	0.497182	0.11	0.0012797	2.01	0.0657127	56.80	43.6891	0.11	0.0619614	2.01	21.84113	1.35	10.44335	2.79	0.0000000	0.00	0.0441260	0.11
15D04377	12.3 %		0.0409887	2.48	0.0000000	0.00	0.0244329	2.01	0.0000193	61.09	92.5489	2.01	0.0076608	2.48	0.0000000	0.00	0.359707	0.14	0.0012864	2.01	0.0632689	61.09	31.6087	0.14	0.0622854	2.01	15.42144	1.97	12.11217	2.48	0.0000000	0.00	0.0319248	0.14
15D04378	13.5 %		0.0423438	2.33	0.0000000	0.00	0.0210579	2.23	0.0000158	69.34	79.7648	2.23	0.0079141	2.33	0.0000000	0.00	0.220434	0.21	0.0011087	2.23	0.0518361	69.34	19.3703	0.21	0.0536817	2.23	9.32325	3.17	12.51259	2.33	0.0000000	0.00	0.0195640	0.21
15D04379	14.8 %		0.0380542	2.40	0.0000000	0.00	0.0150624	2.99	0.0000186	61.80	57.0544	2.99	0.0071123	2.40	0.0000000	0.00	0.135346	0.32	0.0007931	2.99	0.0611947	61.81	11.8934	0.32	0.0383976	2.99	5.17396	5.29	11.24502	2.40	0.0000000	0.00	0.0120123	0.32
15D04381	16.2 %		0.0493378	2.05	0.0000000	0.00	0.0276346	1.74	0.0000234	51.45	104.6765	1.74	0.0092212	2.05	0.0000000	0.00	0.113048	0.38	0.0014550	1.74	0.0766957	51.46	9.9339	0.38	0.0704473	1.74	4.19948	7.19	14.57933	2.05	0.0000000	0.00	0.0100333	0.38
15D04382	17.7 %		0.0388044	2.38	0.0000000	0.00	0.0241753	1.91	0.0000137	84.20	91.5729	1.91	0.0072525	2.38	0.0000000	0.00	0.060342	0.66	0.0012729	1.91	0.0448218	84.21	5.3025	0.66	0.0616286	1.91	2.35542	11.73	11.46669	2.38	0.0000000	0.00	0.0053555	0.66
15D04383	19.8 %		0.0550882	2.06	0.0000000	0.00	0.0522284	1.02	0.0000175	67.87	197.8349	1.02	0.0102960	2.06	0.0000000	0.00	0.053675	0.71	0.0027499	1.02	0.0573155	67.88	4.7166	0.71	0.1331429	1.02	1.53486	22.00	16.27857	2.06	0.0000000	0.00	0.0047637	0.71
15D04385	22.1 %		0.0507892	2.15	0.0000000	0.00	0.0565274	1.00	0.0000032	363.90	214.1188	1.00	0.0094925	2.15	0.0000000	0.00	0.035535	1.13	0.0029763	1.00	0.0103975	363.90	3.1225	1.13	0.1441019	1.00	0.83725	38.96	15.00822	2.15	0.0000000	0.00	0.0031538	1.13
15D04386	24.5 %		0.0534525	2.46	0.0000000	0.00	0.0714673	0.87	0.0000291	40.44	270.7097	0.87	0.0099903	2.46	0.0000000	0.00	0.028947	1.40	0.0037629	0.87	0.0954953	40.45	2.5437	1.40	0.1821876	0.87	1.04210	37.55	15.79520	2.46	0.0000000	0.00	0.0025691	1.40
		Σ	0.8568294	0.64	0.0000000	0.00	0.8310723	0.34	0.0003752	15.64	3148.0010	0.34	0.1601414	0.64	0.0000000	0.00	13.961074	0.02	0.0437572	0.34	1.2324889	15.65	1226.8079	0.02	2.1186047	0.34	633.17125	0.26	253.19309	0.64	0.0000000	0.00	1.2390760	0.02
		Σ							1.6882769	0.37	3148.0010	0.34									15.397461	1.25			1228.9265	0.02							887.60342	0.26

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
15D04341	1.8 %		1.262581	0.006996	2.628291	0.178013	0.003138	0.000078	187.171	40.425723	1.00132243	5.778E-13
15D04342	1.9 %		1.093485	0.007112	2.686895	0.207257	0.002620	0.000086	187.181	40.434041	1.00132251	4.326E-13
15D04343	2.0 %		0.959757	0.006152	2.755216	0.184764	0.002124	0.000072	187.191	40.441807	1.00132258	4.252E-13
15D04345	2.1 %		0.886182	0.005822	2.410744	0.177810	0.001743	0.000069	187.210	40.456787	1.00132271	4.008E-13
15D04346	2.2 %		0.852958	0.005956	2.410760	0.187308	0.001712	0.000071	187.219	40.464557	1.00132278	3.810E-13
15D04347	2.3 %		0.815691	0.005492	2.685694	0.179613	0.001559	0.000065	187.229	40.472328	1.00132285	3.844E-13
15D04349	2.4 %		0.805552	0.004851	2.565606	0.157274	0.001517	0.000059	187.248	40.487320	1.00132298	4.218E-13
15D04350	2.6 %		0.774175	0.003401	2.558978	0.121667	0.001430	0.000044	187.257	40.494540	1.00132304	5.674E-13
15D04351	2.8 %		0.780005	0.002926	2.421062	0.099834	0.001423	0.000038	187.267	40.502317	1.00132311	6.761E-13
15D04353	3.0 %		0.719494	0.002150	2.464005	0.069560	0.001249	0.000028	187.285	40.516764	1.00132324	8.961E-13
15D04354	3.2 %		0.679528	0.002221	2.317728	0.077675	0.001100	0.000030	187.294	40.523990	1.00132330	7.508E-13
15D04355	3.4 %		0.673848	0.001928	2.242337	0.061257	0.001031	0.000026	187.303	40.531216	1.00132337	9.096E-13
15D04357	3.6 %		0.664120	0.001331	2.279212	0.044504	0.001043	0.000018	187.320	40.545118	1.00132349	1.314E-12
15D04358	3.9 %	✓	0.631313	0.001588	2.134016	0.052320	0.000955	0.000021	187.329	40.552348	1.00132355	9.996E-13
15D04359	4.2 %	✓	0.632715	0.001163	2.075529	0.036457	0.000920	0.000016	187.338	40.559024	1.00132361	1.451E-12
15D04361	4.5 %	✓	0.616424	0.001269	1.948217	0.042112	0.000819	0.000018	187.355	40.572934	1.00132373	1.229E-12
15D04362	4.8 %	✓	0.612491	0.000942	1.896290	0.030232	0.000794	0.000013	187.363	40.579613	1.00132379	1.794E-12
15D04363	5.1 %	✓	0.603087	0.001040	1.734041	0.036230	0.000737	0.000015	187.372	40.586850	1.00132386	1.538E-12
15D04365	5.4 %	✓	0.603407	0.000755	1.733100	0.022679	0.000732	0.000010	187.390	40.600770	1.00132398	2.436E-12
15D04366	5.8 %	✓	0.594206	0.000772	1.584556	0.023134	0.000679	0.000010	187.398	40.607454	1.00132404	2.291E-12
15D04367	6.2 %	✓	0.591165	0.000772	1.430902	0.021803	0.000636	0.000009	187.407	40.614695	1.00132410	2.310E-12
15D04369	6.8 %	✓	0.592785	0.000721	1.407030	0.021461	0.000634	0.000009	187.424	40.628625	1.00132422	2.447E-12
15D04370	7.4 %	✓	0.597392	0.000795	1.356707	0.023016	0.000623	0.000010	187.433	40.635313	1.00132428	2.182E-12
15D04371	8.2 %	✓	0.597518	0.000846	1.337972	0.026070	0.000637	0.000011	187.442	40.642560	1.00132435	1.964E-12
15D04373	9.1 %	✓	0.631613	0.000714	1.478520	0.019273	0.000796	0.000010	187.459	40.656499	1.00132447	2.891E-12
15D04374	10.1 %		0.667901	0.000917	1.633370	0.027099	0.000978	0.000012	187.468	40.663749	1.00132453	2.233E-12
15D04375	11.2 %		0.738922	0.001345	2.104347	0.042463	0.001364	0.000020	187.476	40.670443	1.00132459	1.552E-12
15D04377	12.3 %		0.870372	0.001832	2.922198	0.058822	0.002066	0.000028	187.494	40.684392	1.00132471	1.323E-12
15D04378	13.5 %		1.125174	0.003213	4.106504	0.091915	0.003265	0.000045	187.503	40.691648	1.00132478	1.049E-12
15D04379	14.8 %		1.377081	0.005761	4.781728	0.143718	0.004453	0.000068	187.511	40.698346	1.00132484	7.887E-13
15D04381	16.2 %		1.878061	0.008288	10.463069	0.186555	0.007696	0.000093	187.528	40.712304	1.00132496	9.019E-13
15D04382	17.7 %		2.577774	0.018860	17.071414	0.345407	0.011743	0.000167	187.538	40.719565	1.00132502	6.637E-13
15D04383	19.8 %		3.674070	0.026861	40.793089	0.501898	0.022132	0.000256	187.547	40.726826	1.00132509	8.553E-13
15D04385	22.1 %		4.851647	0.054161	65.546909	0.968680	0.032853	0.000457	187.564	40.740795	1.00132521	7.607E-13
15D04386	24.5 %		6.177867	0.082415	99.312426	1.561633	0.045839	0.000734	187.573	40.748060	1.00132527	8.083E-13

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
15D04341	1.8 %	0.0078359 ± 0.0004642	0.0321184 ± 0.0290010	0.0833500 ± 0.0263949	0.0278428 ± 0.0249527	2.1906609 ± 0.0330299
15D04342	1.9 %	0.0078359 ± 0.0004642	0.0406064 ± 0.0290010	0.0773817 ± 0.0263949	0.0273432 ± 0.0249527	2.1969183 ± 0.0330299
15D04343	2.0 %	0.0078359 ± 0.0004642	0.0462926 ± 0.0290010	0.0730921 ± 0.0263949	0.0263444 ± 0.0249527	2.2007858 ± 0.0330299
15D04345	2.1 %	0.0078359 ± 0.0004642	0.0520662 ± 0.0290010	0.0678799 ± 0.0263949	0.0232076 ± 0.0249527	2.2036644 ± 0.0330299
15D04346	2.2 %	0.0078359 ± 0.0004642	0.0528006 ± 0.0290010	0.0665556 ± 0.0263949	0.0210693 ± 0.0249527	2.2031659 ± 0.0330299
15D04347	2.3 %	0.0078359 ± 0.0004642	0.0522699 ± 0.0290010	0.0660373 ± 0.0263949	0.0186559 ± 0.0249527	2.2015542 ± 0.0330299
15D04349	2.4 %	0.0078359 ± 0.0004642	0.0483968 ± 0.0290010	0.0669572 ± 0.0263949	0.0134191 ± 0.0249527	2.1959457 ± 0.0330299
15D04350	2.6 %	0.0078359 ± 0.0004642	0.0455037 ± 0.0290010	0.0681466 ± 0.0263949	0.0107080 ± 0.0249527	2.1923476 ± 0.0330299
15D04351	2.8 %	0.0078359 ± 0.0004642	0.0418492 ± 0.0290010	0.0698641 ± 0.0263949	0.0077070 ± 0.0249527	2.1880068 ± 0.0330299
15D04353	3.0 %	0.0078359 ± 0.0004642	0.0340892 ± 0.0290010	0.0739913 ± 0.0263949	0.0020487 ± 0.0249527	2.1791212 ± 0.0330299
15D04354	3.2 %	0.0078359 ± 0.0004642	0.0299615 ± 0.0290010	0.0763919 ± 0.0263949	0.0007597 ± 0.0249527	2.1744811 ± 0.0330299
15D04355	3.4 %	0.0078359 ± 0.0004642	0.0258027 ± 0.0290010	0.0789445 ± 0.0263949	0.0035172 ± 0.0249527	2.1698310 ± 0.0330299
15D04357	3.6 %	0.0078359 ± 0.0004642	0.0180420 ± 0.0290010	0.0840987 ± 0.0263949	0.0085870 ± 0.0249527	2.1611564 ± 0.0330299
15D04358	3.9 %	0.0078359 ± 0.0004642	0.0142784 ± 0.0290010	0.0868198 ± 0.0263949	0.0110601 ± 0.0249527	2.1569218 ± 0.0330299
15D04359	4.2 %	0.0078359 ± 0.0004642	0.0110467 ± 0.0290010	0.0893097 ± 0.0263949	0.0132218 ± 0.0249527	2.1532524 ± 0.0330299
15D04361	4.5 %	0.0078359 ± 0.0004642	0.0052561 ± 0.0290010	0.0943018 ± 0.0263949	0.0172949 ± 0.0249527	2.1465304 ± 0.0330299
15D04362	4.8 %	0.0078359 ± 0.0004642	0.0030044 ± 0.0290010	0.0965513 ± 0.0263949	0.0190209 ± 0.0249527	2.1438192 ± 0.0330299
15D04363	5.1 %	0.0078359 ± 0.0004642	0.0009953 ± 0.0290010	0.0988460 ± 0.0263949	0.0207092 ± 0.0249527	2.1413031 ± 0.0330299
15D04365	5.4 %	0.0078359 ± 0.0004642	0.0015255 ± 0.0290010	0.1027595 ± 0.0263949	0.0233968 ± 0.0249527	2.1377847 ± 0.0330299
15D04366	5.8 %	0.0078359 ± 0.0004642	0.0020848 ± 0.0290010	0.1043723 ± 0.0263949	0.0244162 ± 0.0249527	2.1367407 ± 0.0330299
15D04367	6.2 %	0.0078359 ± 0.0004642	0.0022102 ± 0.0290010	0.1059063 ± 0.0263949	0.0253190 ± 0.0249527	2.1360913 ± 0.0330299
15D04369	6.8 %	0.0078359 ± 0.0004642	0.0010776 ± 0.0290010	0.1081968 ± 0.0263949	0.0264670 ± 0.0249527	2.1362402 ± 0.0330299
15D04370	7.4 %	0.0078359 ± 0.0004642	0.0000769 ± 0.0290010	0.1089777 ± 0.0263949	0.0267478 ± 0.0249527	2.1369461 ± 0.0330299
15D04371	8.2 %	0.0078359 ± 0.0004642	0.0017394 ± 0.0290010	0.1095880 ± 0.0263949	0.0268609 ± 0.0249527	2.1381505 ± 0.0330299
15D04373	9.1 %	0.0078359 ± 0.0004642	0.0059931 ± 0.0290010	0.1100831 ± 0.0263949	0.0265503 ± 0.0249527	2.1416427 ± 0.0330299
15D04374	10.1 %	0.0078359 ± 0.0004642	0.0086571 ± 0.0290010	0.1100013 ± 0.0263949	0.0261355 ± 0.0249527	2.1439955 ± 0.0330299
15D04375	11.2 %	0.0078359 ± 0.0004642	0.0113214 ± 0.0290010	0.1097324 ± 0.0263949	0.0256144 ± 0.0249527	2.1464390 ± 0.0330299
15D04377	12.3 %	0.0078359 ± 0.0004642	0.0172478 ± 0.0290010	0.1086321 ± 0.0263949	0.0241615 ± 0.0249527	2.1521630 ± 0.0330299
15D04378	13.5 %	0.0078359 ± 0.0004642	0.0203742 ± 0.0290010	0.1078094 ± 0.0263949	0.0232463 ± 0.0249527	2.1553525 ± 0.0330299
15D04379	14.8 %	0.0078359 ± 0.0004642	0.0231812 ± 0.0290010	0.1069254 ± 0.0263949	0.0223294 ± 0.0249527	2.1583401 ± 0.0330299
15D04381	16.2 %	0.0078359 ± 0.0004642	0.0284160 ± 0.0290010	0.1048018 ± 0.0263949	0.0202854 ± 0.0249527	2.1643970 ± 0.0330299
15D04382	17.7 %	0.0078359 ± 0.0004642	0.0305944 ± 0.0290010	0.1036093 ± 0.0263949	0.0192028 ± 0.0249527	2.1672801 ± 0.0330299
15D04383	19.8 %	0.0078359 ± 0.0004642	0.0322364 ± 0.0290010	0.1024052 ± 0.0263949	0.0181463 ± 0.0249527	2.1698457 ± 0.0330299
15D04385	22.1 %	0.0078359 ± 0.0004642	0.0333802 ± 0.0290010	0.1002131 ± 0.0263949	0.0163109 ± 0.0249527	2.1734690 ± 0.0330299
15D04386	24.5 %	0.0078359 ± 0.0004642	0.0326446 ± 0.0290010	0.0992262 ± 0.0263949	0.0155275 ± 0.0249527	2.1744372 ± 0.0330299

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)
15D04341	1.8 %	0.0361494 ± 0.0005065	0.4145	EXP 150 of 150	0.5755384 ± 0.0288905	0.0000	EXP 150 of 150	0.0490196 ± 0.0303366	0.0075	EXP 150 of 150	9.4865578 ± 0.0280013	0.8008	EXP 150 of 150	14.262493 ± 0.031866	0.9947	EXP 150 of 150
15D04342	1.9 %	0.0282800 ± 0.0004732	0.5520	EXP 150 of 150	0.4963358 ± 0.0293141	0.0085	EXP 149 of 150	0.0274331 ± 0.0278443	0.0000	EXP 150 of 150	8.2047085 ± 0.0252529	0.7726	EXP 150 of 150	11.235665 ± 0.027974	0.9960	EXP 150 of 150
15D04343	2.0 %	0.0263862 ± 0.0004145	0.5290	EXP 150 of 150	0.5700928 ± 0.0291352	0.0121	EXP 150 of 150	0.0430641 ± 0.0287360	0.0001	EXP 150 of 150	9.1825755 ± 0.0263623	0.8228	EXP 150 of 150	11.083796 ± 0.029485	0.9955	EXP 150 of 150
15D04345	2.1 %	0.0233840 ± 0.0003913	0.6148	EXP 150 of 150	0.4983491 ± 0.0281530	0.0103	EXP 150 of 150	0.0351489 ± 0.0254164	0.0070	EXP 150 of 150	9.3712372 ± 0.0252607	0.8368	EXP 149 of 150	10.577516 ± 0.029780	0.9952	EXP 150 of 150
15D04346	2.2 %	0.0229115 ± 0.0004124	0.6044	EXP 150 of 150	0.4907168 ± 0.0304584	0.0008	EXP 150 of 150	0.0011979 ± 0.0249365	0.0000	EXP 149 of 150	9.2536627 ± 0.0270715	0.8052	EXP 150 of 150	10.163536 ± 0.030944	0.9947	EXP 150 of 150
15D04347	2.3 %	0.0223213 ± 0.0003869	0.6296	EXP 150 of 150	0.5864938 ± 0.0310659	0.0157	EXP 150 of 150	0.0035534 ± 0.0277866	0.0021	EXP 150 of 150	9.7602751 ± 0.0240362	0.8663	EXP 149 of 150	10.233836 ± 0.031361	0.9944	EXP 150 of 150
15D04349	2.4 %	0.0235008 ± 0.0003960	0.5806	EXP 150 of 150	0.6292809 ± 0.0294020	0.0142	EXP 149 of 150	0.0119246 ± 0.0273042	0.0004	EXP 150 of 150	10.8362657 ± 0.0250740	0.8796	EXP 150 of 150	11.008816 ± 0.029247	0.9950	EXP 150 of 150
15D04350	2.6 %	0.0285062 ± 0.0004196	0.5074	EXP 149 of 150	0.9003971 ± 0.0338672	0.0321	EXP 150 of 150	0.0439087 ± 0.0273651	0.0069	EXP 150 of 150	15.1590366 ± 0.0239872	0.9429	EXP 150 of 150	14.046930 ± 0.028525	0.9948	EXP 150 of 150
15D04351	2.8 %	0.0321567 ± 0.0004508	0.4044	EXP 150 of 150	1.0163292 ± 0.0319558	0.0209	EXP 150 of 150	0.1324110 ± 0.0258333	0.0007	EXP 150 of 150	17.9229238 ± 0.0252458	0.9537	EXP 150 of 150	16.313430 ± 0.028793	0.9943	EXP 150 of 150
15D04353	3.0 %	0.0385168 ± 0.0004921	0.4015	EXP 150 of 150	1.5128351 ± 0.0313167	0.1196	EXP 150 of 150	0.2007515 ± 0.0257636	0.0007	EXP 150 of 150	25.7445864 ± 0.0298439	0.9685	EXP 150 of 150	20.901484 ± 0.032477	0.9920	EXP 150 of 150
15D04354	3.2 %	0.0317991 ± 0.0004376	0.4899	EXP 150 of 150	1.2607267 ± 0.0311516	0.0174	EXP 150 of 150	0.1846515 ± 0.0303038	0.0009	EXP 150 of 150	22.8373531 ± 0.0246654	0.9730	EXP 150 of 150	17.861839 ± 0.028800	0.9940	EXP 150 of 150
15D04355	3.4 %	0.0352832 ± 0.0005213	0.4329	EXP 150 of 150	1.4993823 ± 0.0285162	0.0457	EXP 149 of 150	0.2346501 ± 0.0242957	0.0063	EXP 150 of 150	27.8962442 ± 0.0275980	0.9768	EXP 150 of 150	21.173827 ± 0.032172	0.9919	EXP 150 of 150
15D04357	3.6 %	0.0485376 ± 0.0005189	0.3544	EXP 150 of 150	2.2536351 ± 0.0308164	0.1758	EXP 150 of 150	0.4094829 ± 0.0270809	0.0104	EXP 150 of 150	40.8882292 ± 0.0289967	0.9885	EXP 150 of 150	29.615958 ± 0.029746	0.9910	EXP 150 of 150
15D04358	3.9 %	0.0376562 ± 0.0004416	0.3757	EXP 150 of 150	1.6874864 ± 0.0282683	0.0873	EXP 150 of 150	0.3243994 ± 0.0301071	0.0104	EXP 149 of 150	32.7159908 ± 0.0284645	0.9820	EXP 150 of 150	23.041913 ± 0.029257	0.9927	EXP 150 of 150
15D04359	4.2 %	0.0494694 ± 0.0005687	0.1908	EXP 150 of 150	2.3863376 ± 0.0271379	0.1638	EXP 150 of 150	0.4392864 ± 0.0273332	0.0009	EXP 150 of 150	47.3984492 ± 0.0295139	0.9910	EXP 150 of 150	32.476497 ± 0.030355	0.9899	EXP 150 of 150
15D04361	4.5 %	0.0400184 ± 0.0004981	0.4036	EXP 150 of 150	1.9499651 ± 0.0285374	0.0785	EXP 150 of 150	0.4250512 ± 0.0282229	0.0229	EXP 150 of 150	41.1909408 ± 0.0275243	0.9895	EXP 150 of 150	27.823616 ± 0.028711	0.9917	EXP 150 of 150
15D04362	4.8 %	0.0537219 ± 0.0005764	0.2198	EXP 150 of 150	2.7924247 ± 0.0296846	0.1694	EXP 150 of 150	0.6149373 ± 0.0282551	0.0114	EXP 150 of 150	60.5207122 ± 0.0274508	0.9953	EXP 150 of 150	39.625845 ± 0.031105	0.9860	EXP 150 of 150
15D04363	5.1 %	0.0448795 ± 0.0005538	0.3396	EXP 150 of 150	2.2244907 ± 0.0339558	0.0754	EXP 150 of 150	0.4629173 ± 0.0254301	0.0071	EXP 150 of 150	52.6949647 ± 0.0282493	0.9933	EXP 150 of 150	34.278076 ± 0.030202	0.9890	EXP 150 of 150
15D04365	5.4 %	0.0661055 ± 0.0006691	0.1176	EXP 150 of 150	3.5208791 ± 0.0293782	0.2460	EXP 150 of 150	0.9032862 ± 0.0248798	0.0316	EXP 150 of 150	83.4143294 ± 0.0318569	0.9966	EXP 150 of 150	53.030484 ± 0.031698	0.9768	EXP 149 of 150
15D04366	5.8 %	0.0594846 ± 0.0005575	0.1384	EXP 150 of 150	3.0748722 ± 0.0292151	0.2553	EXP 150 of 150	0.8928455 ± 0.0258504	0.0880	EXP 150 of 150	79.6684753 ± 0.0335860	0.9959	EXP 150 of 150	50.004045 ± 0.030859	0.9807	EXP 150 of 150
15D04367	6.2 %	0.0568189 ± 0.0005347	0.2542	EXP 150 of 150	2.8135650 ± 0.0269769	0.1299	EXP 150 of 150	0.8216239 ± 0.0299511	0.0188	EXP 150 of 150	80.7312269 ± 0.0345791	0.9958	EXP 150 of 150	50.394033 ± 0.031824	0.9795	EXP 150 of 150
15D04369	6.8 %	0.0594002 ± 0.0005741	0.1555	EXP 150 of 150	2.9204271 ± 0.0292398	0.1985	EXP 150 of 150	0.8843726 ± 0.0284043	0.0096	EXP 150 of 150	85.2842358 ± 0.0319217	0.9968	EXP 150 of 150	53.255342 ± 0.028602	0.9799	EXP 150 of 150
15D04370	7.4 %	0.0526749 ± 0.0005438	0.2978	EXP 149 of 150	2.4901500 ± 0.0271012	0.1508	EXP 149 of 150	0.8209099 ± 0.0237168	0.0552	EXP 150 of 150	75.4555689 ± 0.0328007	0.9956	EXP 150 of 150	47.718302 ± 0.029752	0.9827	EXP 150 of 150
15D04371	8.2 %	0.0491203 ± 0.0005260	0.4068	EXP 150 of 150	2.2087267 ± 0.0291398	0.1429	EXP 150 of 150	0.7182371 ± 0.0255285	0.0262	EXP 150 of 150	67.9258208 ± 0.0287833	0.9959	EXP 150 of 150	43.181290 ± 0.029665	0.9848	EXP 150 of 150
15D04373	9.1 %	0.0796544 ± 0.0007184	0.0139	EXP 150 of 150	3.3936220 ± 0.0270996	0.3324	EXP 150 of 150	1.0659050 ± 0.0261128	0.0570	EXP 150 of 150	94.5799787 ± 0.0315640	0.9975	EXP 150 of 150	62.544112 ± 0.031738	0.9587	EXP 150 of 150
15D04374	10.1 %	0.0723411 ± 0.0006282	0.0424	EXP 150 of 150	2.7342407 ± 0.0312332	0.2477	EXP 149 of 150	0.7991595 ± 0.0281932	0.0938	EXP 150 of 150	69.0807111 ± 0.0344268	0.9943	EXP 150 of 150	48.800933 ± 0.032404	0.9761	EXP 149 of 150
15D04375	11.2 %	0.0643143 ± 0.0006427	0.0604	EXP 150 of 150	2.2079599 ± 0.0315588	0.1781	EXP 150 of 150	0.4535640 ± 0.0256576	0.0210	EXP 150 of 150	43.3816540 ± 0.0285227	0.9900	EXP 150 of 150	34.568728 ± 0.032248	0.9852	EXP 150 of 150
15D04377	12.3 %	0.0697795 ± 0.0006789	0.0358	EXP 150 of 150	2.2128743 ± 0.0316403	0.1041	EXP 150 of 150	0.3176282 ± 0.0275132	0.0146	EXP 150 of 150	31.3979463 ± 0.0267745	0.9827	EXP 150 of 150	29.797576 ± 0.029304	0.9885	EXP 150 of 150
15D04378	13.5 %	0.0678643 ± 0.0006568	0.0320	EXP 150 of 150	1.9013510 ± 0.0295286	0.1587	EXP 150 of 150	0.1697959 ± 0.0236779	0.0048	EXP 149 of 150	19.2481335 ± 0.0274270	0.9529	EXP 150 of 150	24.074088 ± 0.028226	0.9907	EXP 150 of 150
15D04379	14.8 %	0.0581315 ± 0.0005728	0.0552	EXP 150 of 150	1.3511697 ± 0.0280048	0.0094	EXP 150 of 150	0.0948407 ± 0.0263769	0.0066	EXP 150 of 150	11.8156624 ± 0.0263863	0.8791	EXP 150 of 150	18.636952 ± 0.031058	0.9904	EXP 149 of 150
15D04381	16.2 %	0.0807169 ± 0.0006671	0.0106	EXP 150 of 150	2.4922125 ± 0.0296650	0.1240	EXP 150 of 150	0.0929906 ± 0.0286164	0.0028	EXP 150 of 150	9.9054764 ± 0.0267271	0.8216	EXP 150 of 150	21.007677 ± 0.028638	0.9910	EXP 149 of 150
15D04382	17.7 %	0.0674627 ± 0.0005689	0.0387	EXP 150 of 150	2.1741040 ± 0.0279217	0.1240	EXP 150 of 150	0.0085896 ± 0.0262703	0.0017	EXP 150 of 150	5.3027524 ± 0.0241055	0.5817	EXP 150 of 150	16.034812 ± 0.030501	0.9909	EXP 150 of 150
15D04383	19.8 %	0.1094339 ± 0.0007681	0.1442	EXP 150 of 150	4.7299629 ± 0.0277800	0.5207	EXP 150 of 150	0.0200046 ± 0.0278662	0.0000	EXP 150 of 150	4.7934581 ± 0.0214701	0.6443	EXP 149 of 150	20.039677 ± 0.029388	0.9904	EXP 149 of 150
15D04385	22.1 %	0.1094204 ± 0.0006920	0.0974	EXP 150 of 150	5.1190308 ± 0.0310363	0.4627	EXP 150 of 150	0.0425779 ± 0.0264054	0.0146	EXP 150 of 150	3.2246672 ± 0.0246181	0.3572	EXP 150 of 150	18.068025 ± 0.026640	0.9922	EXP 150 of 150
15D04386	24.5 %	0.1261074 ± 0.0009289	0.1002	EXP 150 of 150	6.4803698 ± 0.0317329	0.5614	EXP 150 of 150	0.0371572 ± 0.0274673	0.0242	EXP 150 of 150	2.6888896 ± 0.0249477	0.1773	EXP 150 of 150	19.063105 ± 0.031102	0.9891	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
15D04341	1.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04342	1.9 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04343	2.0 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04345	2.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04346	2.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04347	2.3 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04349	2.4 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04350	2.6 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04351	2.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04353	3.0 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04354	3.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04355	3.4 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04357	3.6 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04358	3.9 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04359	4.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04361	4.5 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04362	4.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04363	5.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04365	5.4 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04366	5.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04367	6.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04369	6.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04370	7.4 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04371	8.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04373	9.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04374	10.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04375	11.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04377	12.3 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04378	13.5 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04379	14.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04381	16.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04382	17.7 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04383	19.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04385	22.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	01
15D04386	24.5 %	Kevin Konrad	14-OSU-04	0.00	0.00	49.49	rench Polynesia\Marquesas (14-INT-0€	15D04340	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
15D04341	1.8 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	9	FEB	2015	20	6	1
15D04342	1.9 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	9	FEB	2015	20	21	1
15D04343	2.0 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	9	FEB	2015	20	35	1
15D04345	2.1 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	9	FEB	2015	21	2	1
15D04346	2.2 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	9	FEB	2015	21	16	1
15D04347	2.3 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	9	FEB	2015	21	30	1
15D04349	2.4 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	9	FEB	2015	21	57	1
15D04350	2.6 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	9	FEB	2015	22	10	1
15D04351	2.8 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	9	FEB	2015	22	24	1
15D04353	3.0 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	9	FEB	2015	22	50	1
15D04354	3.2 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	9	FEB	2015	23	3	1
15D04355	3.4 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	9	FEB	2015	23	16	1
15D04357	3.6 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	9	FEB	2015	23	41	1
15D04358	3.9 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	9	FEB	2015	23	54	1
15D04359	4.2 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	10	FEB	2015	0	6	1
15D04361	4.5 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	10	FEB	2015	0	31	1
15D04362	4.8 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	10	FEB	2015	0	43	1
15D04363	5.1 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	10	FEB	2015	0	56	1
15D04365	5.4 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	10	FEB	2015	1	21	1
15D04366	5.8 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	10	FEB	2015	1	33	1
15D04367	6.2 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	10	FEB	2015	1	46	1
15D04369	6.8 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	10	FEB	2015	2	11	1
15D04370	7.4 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	10	FEB	2015	2	23	1
15D04371	8.2 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	10	FEB	2015	2	36	1
15D04373	9.1 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	10	FEB	2015	3	1	1
15D04374	10.1 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	10	FEB	2015	3	14	1
15D04375	11.2 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	10	FEB	2015	3	26	1
15D04377	12.3 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	10	FEB	2015	3	51	1
15D04378	13.5 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	10	FEB	2015	4	4	1
15D04379	14.8 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	10	FEB	2015	4	16	1
15D04381	16.2 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	10	FEB	2015	4	41	1
15D04382	17.7 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	10	FEB	2015	4	54	1
15D04383	19.8 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	10	FEB	2015	5	7	1
15D04385	22.1 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	10	FEB	2015	5	32	1
15D04386	24.5 %	93FH4	Groundmass	Marquesas Islands	CT-NM (R98) (4C28-14	28.201	0.082	Kuiper et al (2008)	10.04083	0.118	0.00156535	0.118	303.448	0.176	0.99344346	0.072	1	4.8E-14	10	FEB	2015	5	45	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
15D04341	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
15D04342	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
15D04343	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
15D04345	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
15D04346	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
15D04347	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
15D04349	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
15D04350	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
15D04351	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
15D04353	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
15D04354	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
15D04355	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
15D04357	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
15D04358	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
15D04359	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
15D04361	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
15D04362	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
15D04363	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
15D04365	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
15D04366	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
15D04367	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
15D04369	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
15D04370	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
15D04371	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
15D04373	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
15D04374	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
15D04375	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
15D04377	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
15D04378	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
15D04379	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
15D04381	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
15D04382	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
15D04383	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
15D04385	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
15D04386	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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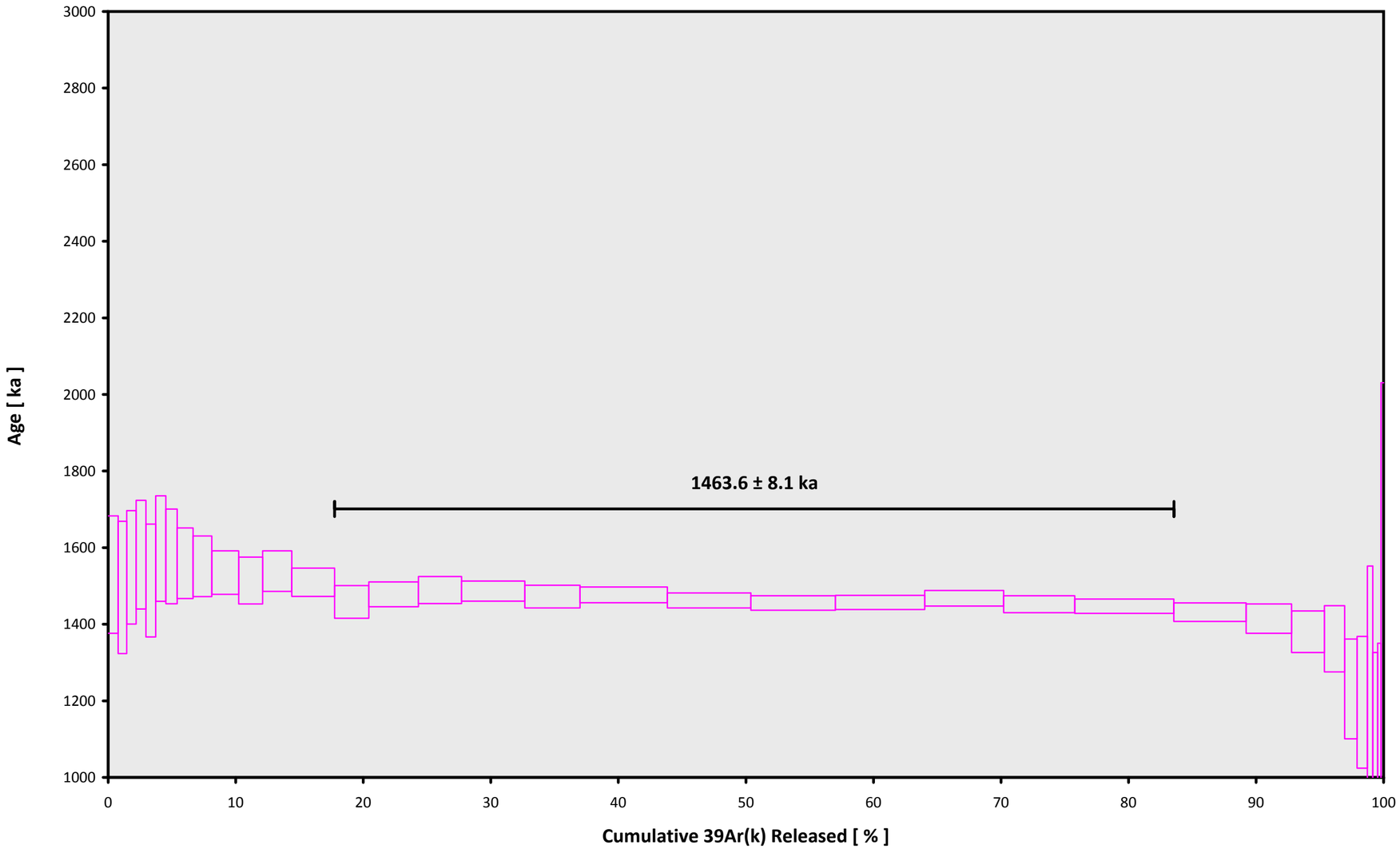


Ar-Ages in ka

WEIGHTED PLATEAU
1463.6 ± 8.1
TOTAL FUSION
1460.3 ± 8.3
NORMAL ISOCHRON
1464.8 ± 42.9
INVERSE ISOCHRON
1461.2 ± 45.3

MSWD (PROBABILITY)
1.24 (25%)

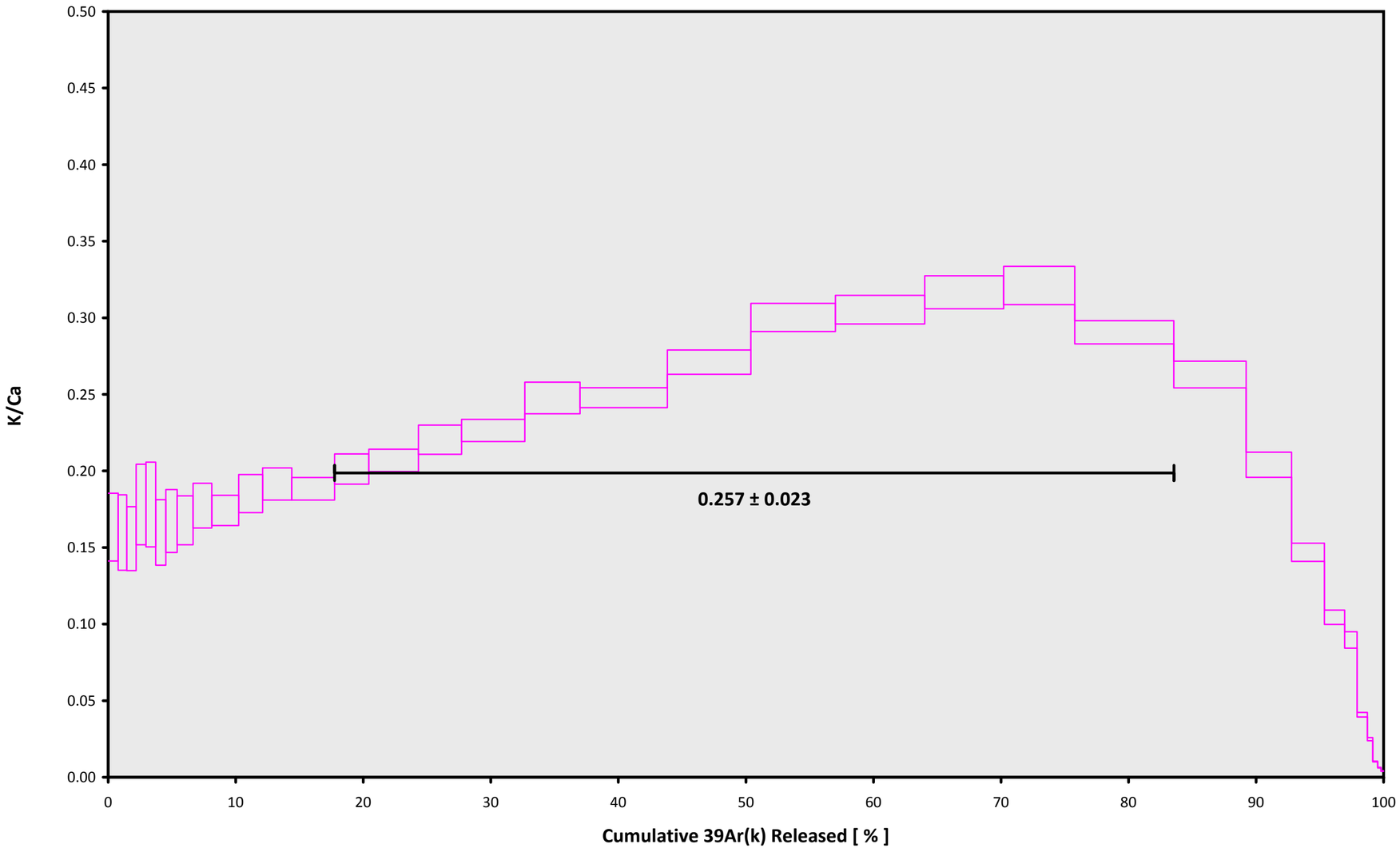
Sample Info

Groundmass
Marquesas Islands
Kevin Konrad

IRR = 14-OSU-04 (R98)
J = 0.00156535 ± 0.00000185

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

15D04340.AGE >>> 93FH4 >>> FRENCH POLYNESIA | MARQUESAS (14-INT-06) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU
1463.6 ± 8.1
TOTAL FUSION
1460.3 ± 8.3
NORMAL ISOCHRON
1464.8 ± 42.9
INVERSE ISOCHRON
1461.2 ± 45.3

Sample Info

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Marquesas Islands
Kevin Konrad

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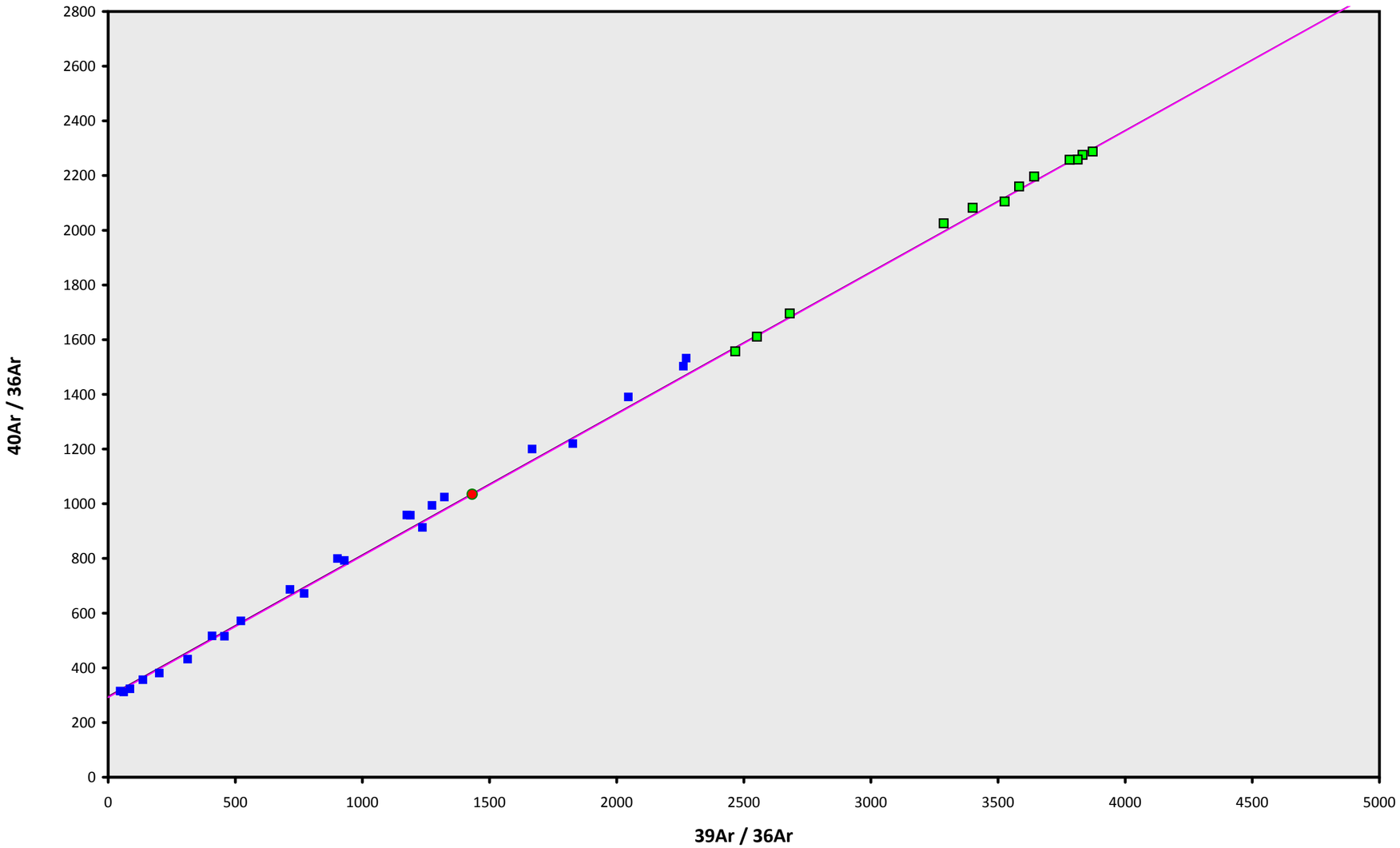
15D04340.AGE >>> 93FH4 >>> FRENCH POLYNESIA | MARQUESAS (14-INT-06) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU
1463.6 ± 8.1
TOTAL FUSION
1460.3 ± 8.3
NORMAL ISOCHRON
1464.8 ± 42.9
INVERSE ISOCHRON
1461.2 ± 45.3

MSWD (PROBABILITY)
1.28 (23%)

40AR/36AR INTERCEPT
292.2 ± 50.3

Sample Info

Groundmass
Marquesas Islands
Kevin Konrad

IRR = 14-OSU-04 (R98)
J = 0.00156535 ± 0.00000185

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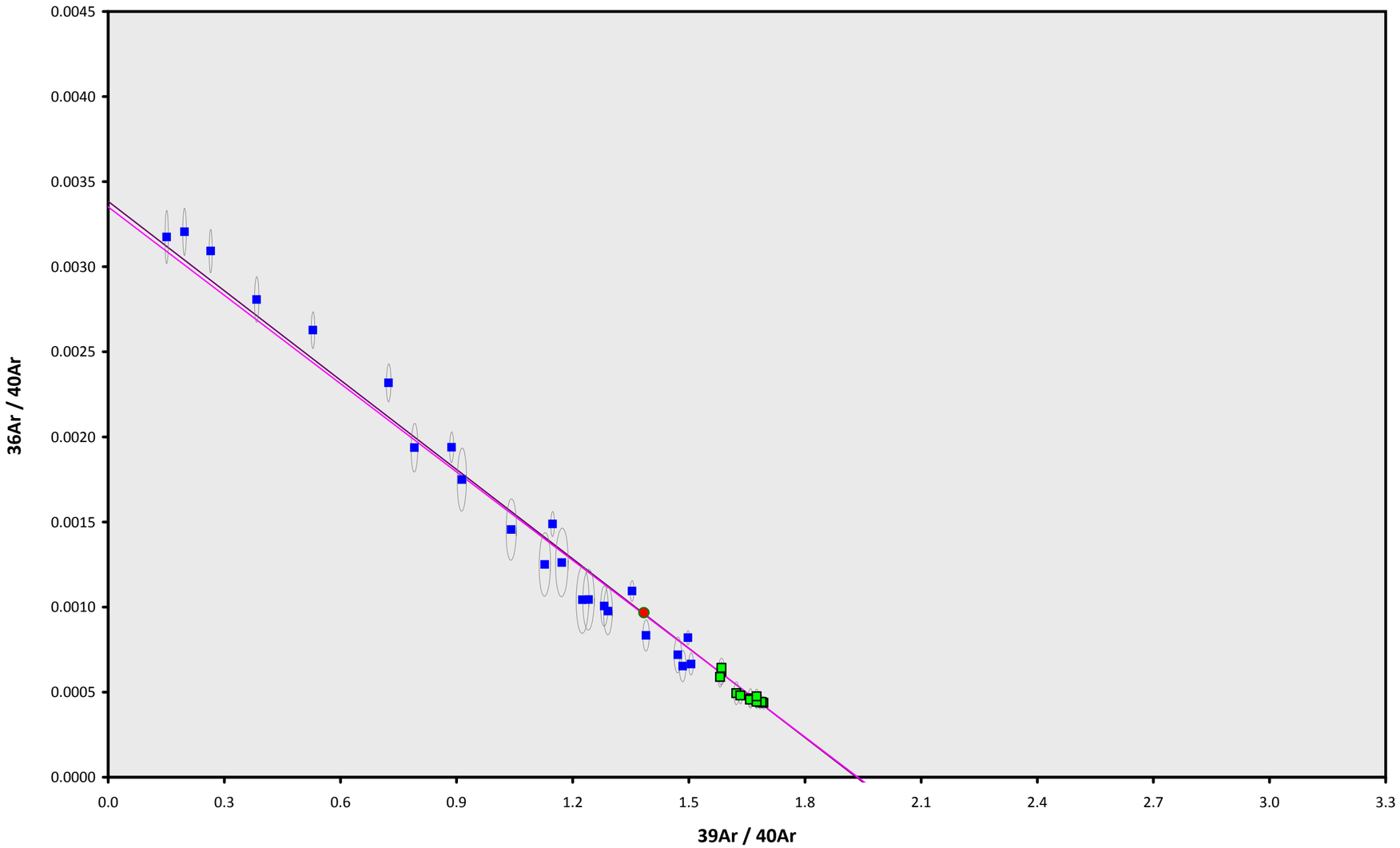
15D04340.AGE >>> 93FH4 >>> FRENCH POLYNESIA | MARQUESAS (14-INT-06) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU
1463.6 ± 8.1
TOTAL FUSION
1460.3 ± 8.3
NORMAL ISOCHRON
1464.8 ± 42.9
INVERSE ISOCHRON
1461.2 ± 45.3

MSWD (PROBABILITY)
1.37 (19%)

SPREADING FACTOR
5.8%

40AR/36AR INTERCEPT
298.4 ± 56.3

Sample Info

Groundmass
Marquesas Islands
Kevin Konrad

IRR = 14-OSU-04 (R98)
J = 0.00156535 ± 0.00000185