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
15D04579	1.8 %		0.0573196	1.413	17.0010	10.496	0.133438	35.637	12.5070	0.306	23.4057	0.302	0.62273 ± 0.04589	1851.7 ± 136.4	33.25	0.76	0.316 ± 0.066
15D04580	1.9 %		0.0416224	1.830	27.9517	7.068	0.234896	19.904	21.7123	0.179	22.8588	0.310	0.58626 ± 0.02607	1743.3 ± 77.5	55.64	1.32	0.334 ± 0.047
15D04581	2.0 %		0.0245211	2.826	20.7800	8.561	0.183526	25.445	18.0766	0.210	15.3805	0.457	0.53909 ± 0.02856	1603.1 ± 84.9	63.31	1.10	0.374 ± 0.064
15D04583	2.1 %		0.0167096	3.979	16.8624	10.755	0.154518	29.597	13.9485	0.267	11.2429	0.616	0.54578 ± 0.03626	1622.9 ± 107.8	67.66	0.85	0.355 ± 0.076
15D04584	2.2 %		0.0222071	2.873	31.7046	6.083	0.323129	14.666	26.9716	0.161	18.3791	0.394	0.52928 ± 0.01877	1573.9 ± 55.8	77.61	1.64	0.366 ± 0.044
15D04585	2.3 %		0.0153361	4.176	23.2961	7.621	0.288164	16.358	21.3424	0.189	14.1708	0.496	0.53636 ± 0.02305	1594.9 ± 68.5	80.72	1.30	0.394 ± 0.060
15D04587	2.4 %		0.0142129	4.432	23.6593	7.613	0.227931	21.009	21.9840	0.182	13.8501	0.512	0.52229 ± 0.02227	1553.1 ± 66.2	82.84	1.33	0.399 ± 0.061
15D04588	2.6 %		0.0138798	4.805	25.7767	7.322	0.248345	19.047	23.4746	0.169	14.5356	0.484	0.52953 ± 0.02189	1574.6 ± 65.1	85.45	1.42	0.391 ± 0.057
15D04589	2.8 %		0.0163356	4.072	31.3837	5.858	0.351162	13.121	28.8377	0.143	17.4196	0.410	0.52100 ± 0.01767	1549.3 ± 52.5	86.19	1.75	0.395 ± 0.046
15D04591	3.0 %	✓	0.0201055	3.151	38.0688	4.843	0.437701	10.795	36.9155	0.125	21.6657	0.326	0.50579 ± 0.01342	1504.1 ± 39.9	86.12	2.24	0.417 ± 0.040
15D04592	3.2 %	✓	0.0184247	3.622	37.7113	4.930	0.450745	10.535	38.2278	0.115	21.9771	0.319	0.50880 ± 0.01338	1513.0 ± 39.8	88.44	2.32	0.436 ± 0.043
15D04593	3.4 %	✓	0.0274042	2.491	60.2577	3.110	0.704309	6.928	60.6807	0.095	34.3596	0.208	0.50960 ± 0.00860	1515.4 ± 25.6	89.94	3.68	0.433 ± 0.027
15D04595	3.6 %	✓	0.0222652	3.038	53.0143	3.559	0.687031	6.717	57.6209	0.097	32.1061	0.218	0.51414 ± 0.00901	1528.9 ± 26.8	92.22	3.50	0.467 ± 0.033
15D04596	3.9 %	✓	0.0254534	2.671	60.2843	3.204	0.756154	6.243	65.7927	0.092	36.6039	0.195	0.51283 ± 0.00800	1525.0 ± 23.8	92.12	3.99	0.469 ± 0.030
15D04597	4.2 %	✓	0.0247089	2.749	62.4315	2.979	0.864335	5.452	70.7279	0.093	39.0159	0.182	0.51663 ± 0.00736	1536.3 ± 21.9	93.60	4.29	0.487 ± 0.029
15D04599	4.5 %	✓	0.0273642	2.697	62.8575	2.965	0.928825	5.080	78.8769	0.090	43.1424	0.164	0.50591 ± 0.00695	1504.4 ± 20.7	92.44	4.79	0.539 ± 0.032
15D04600	4.8 %	✓	0.0291741	2.374	66.9698	2.986	0.952222	4.967	84.9039	0.086	46.5675	0.155	0.50773 ± 0.00636	1509.8 ± 18.9	92.52	5.15	0.545 ± 0.033
15D04601	5.1 %	✓	0.0277624	2.567	64.7637	2.820	1.027906	4.576	87.5218	0.086	47.5937	0.149	0.50706 ± 0.00610	1507.9 ± 18.1	93.20	5.31	0.581 ± 0.033
15D04603	5.4 %	✓	0.0214781	3.105	51.1709	3.662	0.855231	5.576	74.4386	0.090	40.2928	0.177	0.50889 ± 0.00693	1513.3 ± 20.6	93.97	4.52	0.625 ± 0.046
15D04604	5.8 %	✓	0.0234266	2.745	53.8662	3.527	0.924535	5.168	78.2557	0.089	42.4344	0.173	0.50675 ± 0.00651	1506.9 ± 19.3	93.41	4.75	0.624 ± 0.044
15D04605	6.2 %	✓	0.0233837	2.825	55.3766	3.496	1.003318	4.610	81.4047	0.087	44.1717	0.161	0.51011 ± 0.00638	1516.9 ± 19.0	93.97	4.94	0.632 ± 0.044
15D04607	6.8 %	✓	0.0300218	2.479	68.4614	2.647	1.171205	4.149	96.0886	0.083	52.5616	0.136	0.50957 ± 0.00571	1515.3 ± 17.0	93.11	5.83	0.603 ± 0.032
15D04608	7.4 %	✓	0.0280505	2.404	62.5996	3.037	0.952470	4.952	86.2889	0.086	47.6365	0.150	0.51183 ± 0.00606	1522.0 ± 18.0	92.67	5.24	0.592 ± 0.036
15D04609	8.2 %	✓	0.0311418	2.280	64.3874	2.907	1.001179	4.689	84.0507	0.087	47.0625	0.153	0.50950 ± 0.00638	1515.1 ± 19.0	90.95	5.10	0.561 ± 0.033
15D04611	9.1 %	✓	0.0389707	2.043	75.7747	2.571	1.055690	4.522	84.8068	0.087	48.8299	0.144	0.50908 ± 0.00687	1513.9 ± 20.4	88.36	5.15	0.481 ± 0.025
15D04612	10.1 %	✓	0.0365600	2.043	68.5604	2.717	0.738235	6.396	61.7414	0.094	36.8440	0.194	0.50781 ± 0.00893	1510.1 ± 26.5	85.03	3.75	0.387 ± 0.021
15D04613	11.2 %		0.0497640	1.682	91.3890	2.051	0.633857	7.685	52.3940	0.100	33.5777	0.213	0.49591 ± 0.01136	1474.7 ± 33.8	77.29	3.18	0.246 ± 0.010
15D04615	12.3 %		0.0574904	1.515	111.9133	1.767	0.559622	8.460	40.7402	0.115	28.1113	0.256	0.48741 ± 0.01522	1449.5 ± 45.2	70.51	2.47	0.156 ± 0.006
15D04616	13.5 %		0.0527436	1.496	98.3414	2.004	0.464523	10.341	33.0005	0.140	23.7397	0.300	0.47975 ± 0.01755	1426.7 ± 52.2	66.56	2.00	0.144 ± 0.006
15D04617	14.8 %		0.0430951	1.737	73.9138	2.555	0.430852	10.813	27.0387	0.159	20.1543	0.348	0.48795 ± 0.02043	1451.1 ± 60.7	65.34	1.64	0.157 ± 0.008
15D04619	16.2 %		0.0562713	1.425	99.9773	2.006	0.440745	10.561	25.7962	0.164	20.7016	0.349	0.46095 ± 0.02283	1370.8 ± 67.9	57.29	1.56	0.111 ± 0.004
15D04620	17.7 %		0.0579650	1.429	116.2902	1.634	0.293685	15.375	19.0377	0.208	16.6494	0.433	0.45255 ± 0.03119	1345.8 ± 92.7	51.53	1.15	0.070 ± 0.002
15D04621	19.8 %		0.0807030	1.201	187.0344	1.136	0.273789	16.232	15.0420	0.262	15.4499	0.452	0.41477 ± 0.04540	1233.5 ± 135.0	40.04	0.91	0.034 ± 0.001
15D04623	22.1 %		0.0860030	1.076	218.5697	1.022	0.171382	26.959	10.6527	0.342	12.8233	0.551	0.42395 ± 0.06327	1260.8 ± 188.1	34.73	0.64	0.021 ± 0.000
15D04624	24.5 %		0.0844721	1.101	220.2242	1.025	0.180575	25.868	7.5416	0.493	10.5157	0.677	0.36991 ± 0.09047	1100.1 ± 269.0	26.01	0.45	0.014 ± 0.000
		Σ	1.2463475	0.351	2442.6248	0.463	20.105231	1.385	1648.4420	0.020	1015.8311	0.041					

Information on Analysis and Constants Used in Calculations

Project = **MARQUESAS (14-INT-06)**
Sample = **FH-HV-1**
Material = **Groundmass**
Location = **Marquesas Islands**
Region = **French Polynesia**
Analyst = **Kevin Konrad**
Irradiation = **14-OSU-04 (R98)**
Position = **X: 0 | Y: 0 | Z/H: 36.52 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **9.55376 ± 0.01185**
FCT-NM J-value = **0.00164515 ± 0.00000204**
Air Shot 40Ar/36Ar = **303.4360 ± 0.5189**
Air Shot MDF = **0.99345310 ± 0.00071244 (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-HV-01**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Basalt**
Lat-Lon = **10°30.0'S - 138°39.6'W**

Age Equations = **Min et al. (2000)**
Negative Intensities = **Allowed**
Collector Calibrations = **40Ar 36Ar**
Decay 40K = **5.530 ± 0.048 E-10 1/a**
Decay 39Ar = **2.940 ± 0.016 E-07 1/h**
Decay 37Ar = **8.230 ± 0.012 E-04 1/h**
Decay 36Cl = **2.257 ± 0.015 E-06 1/a**
Decay 40K(EC,β⁺) = **0.580 ± 0.009 E-10 1/a**
Decay 40K(β⁻) = **4.950 ± 0.043 E-10 1/a**
Atmospheric 40/36(a) = **295.50**
Atmospheric 38/36(a) = **0.1869**
Production 39/37(ca) = **0.0006730**
Production 38/37(ca) = **0.0000139**
Production 36/37(ca) = **0.0002640**
Production 40/39(k) = **0.001010**
Production 38/39(k) = **0.011380**
Production 36/38(cl) = **262.80 ± 1.71**
Scaling Ratio K/Ca = **0.430**
Abundance Ratio 40K/K = **1.1700 ± 0.0100 E-04**
Atomic Weight K = **39.0983 ± 0.0001 g**

Results

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (ka)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau		0.50952 ± 0.00174 ± 0.34%	**1515.2 ± 6.4 ± 0.42%**	0.59 90%	74.55 17	0.502 ± 0.038
		Full External Error ± 34.8		1.71	2σ Confidence Limit	
		Analytical Error ± 5.2		1.0000	Error Magnification	
Total Fusion Age		0.50799 ± 0.00198 ± 0.39%	**1510.6 ± 7.0 ± 0.46%**		35	0.290 ± 0.003
		Full External Error ± 34.8				
		Analytical Error ± 5.9				
Normal Isochron	**289.91 ± 36.44 ± 12.57%**	0.51001 ± 0.00567 ± 1.11%	**1516.6 ± 17.3 ± 1.14%**	0.56 91%	74.55 17	
No Convergence		Full External Error ± 38.3		1.73	2σ Confidence Limit	
		Analytical Error ± 16.8		1.0000	Error Magnification	
				100	Number of Iterations	
				0.0000096764	Convergence	
Inverse Isochron	**295.45 ± 37.83 ± 12.80%**	0.50953 ± 0.00577 ± 1.13%	**1515.2 ± 17.5 ± 1.16%**	0.63 86%	74.55 17	
		Full External Error ± 38.4		1.73	2σ Confidence Limit	
		Analytical Error ± 17.1		1.0000	Error Magnification	
				3	Number of Iterations	
				0.0001756629	Convergence	
				9%	Spreading Factor	

Notes
The sample produced a long and consistant plateau preceeded by low temperature recoil patterns and proceeded by high temperature recoil steps.

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
15D04579	1.8 %		0.0528313	17.0010	0.0000000	12.4956	7.78141	1851.7 ± 136.4	33.25	0.76	0.316 ± 0.066
15D04580	1.9 %		0.0342431	27.9517	0.0000000	21.6935	12.71803	1743.3 ± 77.5	55.64	1.32	0.334 ± 0.047
15D04581	2.0 %		0.0190351	20.7800	0.0000000	18.0627	9.73735	1603.1 ± 84.9	63.31	1.10	0.374 ± 0.064
15D04583	2.1 %		0.0122579	16.8624	0.0000000	13.9372	7.60660	1622.9 ± 107.8	67.66	0.85	0.355 ± 0.076
15D04584	2.2 %		0.0138330	31.7046	0.0134089	26.9503	14.26420	1573.9 ± 55.8	77.61	1.64	0.366 ± 0.044
15D04585	2.3 %		0.0091725	23.2961	0.0434271	21.3267	11.43877	1594.9 ± 68.5	80.72	1.30	0.394 ± 0.060
15D04587	2.4 %		0.0079668	23.6593	0.0000000	21.9681	11.47368	1553.1 ± 66.2	82.84	1.33	0.399 ± 0.061
15D04588	2.6 %		0.0070748	25.7767	0.0000000	23.4573	12.42136	1574.6 ± 65.1	85.45	1.42	0.391 ± 0.057
15D04589	2.8 %		0.0080437	31.3837	0.0212898	28.8166	15.01353	1549.3 ± 52.5	86.19	1.75	0.395 ± 0.046
15D04591	3.0 %	✓	0.0100506	38.0688	0.0154861	36.8899	18.65847	1504.1 ± 39.9	86.12	2.24	0.417 ± 0.040
15D04592	3.2 %	✓	0.0084647	37.7113	0.0138951	38.2024	19.43722	1513.0 ± 39.8	88.44	2.32	0.436 ± 0.043
15D04593	3.4 %	✓	0.0114927	60.2577	0.0112389	60.6401	30.90230	1515.4 ± 25.6	89.94	3.68	0.433 ± 0.027
15D04595	3.6 %	✓	0.0082604	53.0143	0.0294305	57.5852	29.60697	1528.9 ± 26.8	92.22	3.50	0.467 ± 0.033
15D04596	3.9 %	✓	0.0095367	60.2843	0.0052751	65.7521	33.71940	1525.0 ± 23.8	92.12	3.99	0.469 ± 0.030
15D04597	4.2 %	✓	0.0082093	62.4315	0.0575273	70.6859	36.51860	1536.3 ± 21.9	93.60	4.29	0.487 ± 0.029
15D04599	4.5 %	✓	0.0107610	62.8575	0.0288023	78.8346	39.88293	1504.4 ± 20.7	92.44	4.79	0.539 ± 0.032
15D04600	4.8 %	✓	0.0114941	66.9698	0.0000000	84.8588	43.08530	1509.8 ± 18.9	92.52	5.15	0.545 ± 0.033
15D04601	5.1 %	✓	0.0106557	64.7637	0.0295123	87.4782	44.35662	1507.9 ± 18.1	93.20	5.31	0.581 ± 0.033
15D04603	5.4 %	✓	0.0079670	51.1709	0.0063116	74.4041	37.86337	1513.3 ± 20.6	93.97	4.52	0.625 ± 0.046
15D04604	5.8 %	✓	0.0091961	53.8662	0.0319298	78.2195	39.63792	1506.9 ± 19.3	93.41	4.75	0.624 ± 0.044
15D04605	6.2 %	✓	0.0087412	55.3766	0.0749537	81.3674	41.50650	1516.9 ± 19.0	93.97	4.94	0.632 ± 0.044
15D04607	6.8 %	✓	0.0119249	68.4614	0.0750613	96.0425	48.94079	1515.3 ± 17.0	93.11	5.83	0.603 ± 0.032
15D04608	7.4 %	✓	0.0115242	62.5996	0.0000000	86.2468	44.14397	1522.0 ± 18.0	92.67	5.24	0.592 ± 0.036
15D04609	8.2 %	✓	0.0141307	64.3874	0.0416384	84.0074	42.80205	1515.1 ± 19.0	90.95	5.10	0.561 ± 0.033
15D04611	9.1 %	✓	0.0189396	75.7747	0.0865753	84.7558	43.14762	1513.9 ± 20.4	88.36	5.15	0.481 ± 0.025
15D04612	10.1 %	✓	0.0184503	68.5604	0.0317414	61.6953	31.32960	1510.1 ± 26.5	85.03	3.75	0.387 ± 0.021
15D04613	11.2 %		0.0256274	91.3890	0.0322534	52.3324	25.95193	1474.7 ± 33.8	77.29	3.18	0.246 ± 0.010
15D04615	12.3 %		0.0279175	111.9133	0.0900822	40.6649	19.82057	1449.5 ± 45.2	70.51	2.47	0.156 ± 0.006
15D04616	13.5 %		0.0267558	98.3414	0.0833626	32.9343	15.80010	1426.7 ± 52.2	66.56	2.00	0.144 ± 0.006
15D04617	14.8 %		0.0235454	73.9138	0.1182897	26.9889	13.16932	1451.1 ± 60.7	65.34	1.64	0.157 ± 0.008
15D04619	16.2 %		0.0298339	99.9773	0.1409842	25.7289	11.85972	1370.8 ± 67.9	57.29	1.56	0.111 ± 0.004
15D04620	17.7 %		0.0272425	116.2902	0.0712190	18.9594	8.58008	1345.8 ± 92.7	51.53	1.15	0.070 ± 0.002
15D04621	19.8 %		0.0312965	187.0344	0.0955941	14.9162	6.18675	1233.5 ± 135.0	40.04	0.91	0.034 ± 0.001
15D04623	22.1 %		0.0282872	218.5697	0.0435038	10.5056	4.45385	1260.8 ± 188.1	34.73	0.64	0.021 ± 0.000
15D04624	24.5 %		0.0263057	220.2242	0.0884607	7.3934	2.73492	1100.1 ± 269.0	26.01	0.45	0.014 ± 0.000
		Σ	0.6010697	2442.6248	1.3812546	1646.7981	836.55178				

Information on Analysis

Project = **MARQUESAS (14-INT-06)**
Sample = **FH-HV-1**
Material = **Groundmass**
Location = **Marquesas Islands**
Region = **French Polynesia**
Analyst = **Kevin Konrad**
Irradiation = **14-OSU-04 (R98)**
J = **0.00164515 ± 0.00000204**
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	0.50952 ± 0.00174 ± 0.34%	**1515.2 ± 6.4 ± 0.42%**	0.59 90%	74.55 17	0.502 ± 0.038
	Full External Error ± 34.8		1.71	2σ Confidence Limit	
	Analytical Error ± 5.2		1.0000	Error Magnification	
Total Fusion Age	0.50799 ± 0.00198 ± 0.39%	**1510.6 ± 7.0 ± 0.46%**		35	0.290 ± 0.003
	Full External Error ± 34.8				
	Analytical Error ± 5.9				

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
15D04579	1.8 %		236.52 ± 8.51	442.79 ± 15.93	0.9714
15D04580	1.9 %		633.52 ± 34.23	666.90 ± 36.20	0.9913
15D04581	2.0 %		948.91 ± 83.56	807.05 ± 71.37	0.9935
15D04583	2.1 %		1137.00 ± 152.12	916.05 ± 122.98	0.9950
15D04584	2.2 %		1948.27 ± 230.04	1326.67 ± 156.94	0.9974
15D04585	2.3 %		2325.06 ± 402.51	1542.57 ± 267.42	0.9981
15D04587	2.4 %		2757.44 ± 546.40	1735.68 ± 344.33	0.9985
15D04588	2.6 %		3315.62 ± 780.38	2051.22 ± 483.15	0.9991
15D04589	2.8 %		3582.49 ± 733.66	2161.99 ± 443.07	0.9991
15D04591	3.0 %	✓	3670.43 ± 583.69	2151.96 ± 342.46	0.9990
15D04592	3.2 %	✓	4513.15 ± 883.49	2591.77 ± 507.60	0.9994
15D04593	3.4 %	✓	5276.40 ± 774.24	2984.36 ± 438.05	0.9995
15D04595	3.6 %	✓	6971.24 ± 1418.00	3879.71 ± 789.31	0.9997
15D04596	3.9 %	✓	6894.64 ± 1229.00	3831.25 ± 683.06	0.9997
15D04597	4.2 %	✓	8610.42 ± 1758.40	4743.92 ± 968.91	0.9998
15D04599	4.5 %	✓	7325.95 ± 1207.81	4001.74 ± 659.85	0.9997
15D04600	4.8 %	✓	7382.82 ± 1118.99	4043.97 ± 613.02	0.9997
15D04601	5.1 %	✓	8209.49 ± 1326.10	4458.19 ± 720.23	0.9998
15D04603	5.4 %	✓	9339.03 ± 1947.26	5048.02 ± 1052.67	0.9998
15D04604	5.8 %	✓	8505.72 ± 1508.80	4605.79 ± 817.12	0.9998
15D04605	6.2 %	✓	9308.49 ± 1779.32	5043.88 ± 964.24	0.9998
15D04607	6.8 %	✓	8053.93 ± 1195.38	4399.57 ± 653.06	0.9998
15D04608	7.4 %	✓	7483.96 ± 1092.01	4126.04 ± 602.13	0.9997
15D04609	8.2 %	✓	5945.01 ± 728.05	3324.50 ± 407.22	0.9996
15D04611	9.1 %	✓	4475.07 ± 448.08	2573.67 ± 257.76	0.9994
15D04612	10.1 %	✓	3343.86 ± 324.24	1993.55 ± 193.43	0.9990
15D04613	11.2 %		2042.05 ± 155.03	1308.16 ± 99.43	0.9981
15D04615	12.3 %		1456.61 ± 106.02	1005.47 ± 73.33	0.9970
15D04616	13.5 %		1230.92 ± 87.03	886.03 ± 62.82	0.9956
15D04617	14.8 %		1146.25 ± 87.65	854.82 ± 65.58	0.9950
15D04619	16.2 %		862.40 ± 55.64	693.02 ± 44.91	0.9929
15D04620	17.7 %		695.95 ± 49.57	610.45 ± 43.72	0.9909
15D04621	19.8 %		476.61 ± 34.20	493.18 ± 35.58	0.9894
15D04623	22.1 %		371.39 ± 28.94	452.95 ± 35.51	0.9861
15D04624	24.5 %		281.06 ± 23.78	399.47 ± 33.99	0.9802

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (ka)	MSWD
Normal Isochron	**289.91 ± 36.44**	0.51001 ± 0.00567	**1516.6 ± 17.3**	0.56
No Convergence	**± 12.57%**	± 1.11%	**± 1.14%**	91%
			Full External Error ± 38.3	
			Analytical Error ± 16.8	

Statistics				
	2σ Confidence Limit	1.73	Convergence	0.000009676444
	Error Magnification	1.0000	Number of Iterations	100
	Number of Data Points	17	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
15D04579	1.8 %		0.5341575 ± 0.0045954	0.00225842 ± 0.00008126	0.1181
15D04580	1.9 %		0.9499344 ± 0.0068000	0.00149947 ± 0.00008138	0.0990
15D04581	2.0 %		1.1757827 ± 0.0118426	0.00123909 ± 0.00010957	0.0941
15D04583	2.1 %		1.2411980 ± 0.0167032	0.00109165 ± 0.00014655	0.0844
15D04584	2.2 %		1.4685332 ± 0.0125039	0.00075376 ± 0.00008916	0.0617
15D04585	2.3 %		1.5072695 ± 0.0160284	0.00064827 ± 0.00011238	0.0535
15D04587	2.4 %		1.5886814 ± 0.0172995	0.00057614 ± 0.00011430	0.0488
15D04588	2.6 %		1.6164104 ± 0.0165889	0.00048751 ± 0.00011483	0.0389
15D04589	2.8 %		1.6570356 ± 0.0144167	0.00046254 ± 0.00009479	0.0378
15D04591	3.0 %	✓	1.7056230 ± 0.0119171	0.00046469 ± 0.00007395	0.0383
15D04592	3.2 %	✓	1.7413375 ± 0.0118300	0.00038584 ± 0.00007557	0.0307
15D04593	3.4 %	✓	1.7680166 ± 0.0080872	0.00033508 ± 0.00004918	0.0257
15D04595	3.6 %	✓	1.7968464 ± 0.0085720	0.00025775 ± 0.00005244	0.0196
15D04596	3.9 %	✓	1.7995785 ± 0.0077687	0.00026101 ± 0.00004653	0.0198
15D04597	4.2 %	✓	1.8150437 ± 0.0074515	0.00021080 ± 0.00004305	0.0159
15D04599	4.5 %	✓	1.8306895 ± 0.0068699	0.00024989 ± 0.00004120	0.0176
15D04600	4.8 %	✓	1.8256343 ± 0.0064610	0.00024728 ± 0.00003749	0.0179
15D04601	5.1 %	✓	1.8414379 ± 0.0063511	0.00022431 ± 0.00003624	0.0160
15D04603	5.4 %	✓	1.8500384 ± 0.0073665	0.00019810 ± 0.00004131	0.0152
15D04604	5.8 %	✓	1.8467436 ± 0.0072094	0.00021712 ± 0.00003852	0.0174
15D04605	6.2 %	✓	1.8455041 ± 0.0067695	0.00019826 ± 0.00003790	0.0149
15D04607	6.8 %	✓	1.8306154 ± 0.0058518	0.00022729 ± 0.00003374	0.0157
15D04608	7.4 %	✓	1.8138362 ± 0.0062874	0.00024236 ± 0.00003537	0.0179
15D04609	8.2 %	✓	1.7882402 ± 0.0062916	0.00030080 ± 0.00003684	0.0217
15D04611	9.1 %	✓	1.7387859 ± 0.0058690	0.00038855 ± 0.00003891	0.0247
15D04612	10.1 %	✓	1.6773386 ± 0.0072470	0.00050162 ± 0.00004867	0.0360
15D04613	11.2 %		1.5610055 ± 0.0073531	0.00076443 ± 0.00005811	0.0508
15D04615	12.3 %		1.4486860 ± 0.0081273	0.00099456 ± 0.00007253	0.0640
15D04616	13.5 %		1.3892558 ± 0.0092098	0.00112863 ± 0.00008002	0.0767
15D04617	14.8 %		1.3409315 ± 0.0102819	0.00116984 ± 0.00008975	0.0827
15D04619	16.2 %		1.2444062 ± 0.0096144	0.00144295 ± 0.00009352	0.0976
15D04620	17.7 %		1.1400567 ± 0.0109670	0.00163813 ± 0.00011733	0.1091
15D04621	19.8 %		0.9663954 ± 0.0101323	0.00202765 ± 0.00014627	0.1084
15D04623	22.1 %		0.8199328 ± 0.0106843	0.00220774 ± 0.00017306	0.1189
15D04624	24.5 %		0.7035800 ± 0.0118714	0.00250334 ± 0.00021301	0.1277

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (ka)	MSWD
Inverse Isochron	**295.45 ± 37.83 ± 12.80%**	0.50953 ± 0.00577 ± 1.13%	**1515.2 ± 17.5 ± 1.16%**	0.63 86%
			Full External Error ± 38.4	
			Analytical Error ± 17.1	

Statistics				
	2σ Confidence Limit	1.73	Convergence	0.0001756629
	Error Magnification	1.0000	Number of Iterations	3
	Number of Data Points	17	Calculated Line	Weighted York-2
	Spreading Factor	8.8%		

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
15D04579	1.8 %		0.0528313	1.77	0.0000000	0.00	0.0044883	10.50	0.0000000	0.00	17.0010	10.50	0.0098742	1.77	0.0000000	0.00	0.142200	0.31	0.0002363	10.50	0.0000000	0.00	12.4956	0.31	0.0114417	10.50	7.78141	3.67	15.61165	1.77	0.0000000	0.00	0.0126205	0.31
15D04580	1.9 %		0.0342431	2.70	0.0000000	0.00	0.0073792	7.07	0.0000000	0.00	27.9517	7.07	0.0064000	2.70	0.0000000	0.00	0.246872	0.18	0.0003885	7.07	0.0000000	0.00	21.6935	0.18	0.0188115	7.07	12.71803	2.22	10.11884	2.70	0.0000000	0.00	0.0219105	0.18
15D04581	2.0 %		0.0190351	4.40	0.0000000	0.00	0.0054859	8.56	0.0000000	0.00	20.7800	8.56	0.0035577	4.40	0.0000000	0.00	0.205553	0.21	0.0002888	8.56	0.0000000	0.00	18.0627	0.21	0.0139849	8.56	9.73735	2.64	5.62489	4.40	0.0000000	0.00	0.0182433	0.21
15D04583	2.1 %		0.0122579	6.68	0.0000000	0.00	0.0044517	10.76	0.0000000	0.00	16.8624	10.76	0.0022910	6.68	0.0000000	0.00	0.158605	0.27	0.0002344	10.76	0.0000000	0.00	13.9372	0.27	0.0113484	10.76	7.60660	3.31	3.62221	6.68	0.0000000	0.00	0.0140765	0.27
15D04584	2.2 %		0.0138330	5.90	0.0000000	0.00	0.0083700	6.08	0.0000041	353.47	31.7046	6.08	0.0025854	5.90	0.0000000	0.00	0.306694	0.16	0.0004407	6.08	0.0134089	353.47	26.9503	0.16	0.0213372	6.08	14.26420	1.77	4.08764	5.90	0.0000000	0.00	0.0272198	0.16
15D04585	2.3 %		0.0091725	8.65	0.0000000	0.00	0.0061502	7.62	0.0000133	108.56	23.2961	7.62	0.0017143	8.65	0.0000000	0.00	0.242698	0.19	0.0003238	7.62	0.0434271	108.57	21.3267	0.19	0.0156783	7.62	11.43877	2.14	2.71048	8.65	0.0000000	0.00	0.0215400	0.19
15D04587	2.4 %		0.0079668	9.91	0.0000000	0.00	0.0062461	7.61	0.0000000	0.00	23.6593	7.61	0.0014890	9.91	0.0000000	0.00	0.249997	0.18	0.0003289	7.61	0.0000000	0.00	21.9681	0.18	0.0159227	7.61	11.47368	2.12	2.35420	9.91	0.0000000	0.00	0.0221878	0.18
15D04588	2.6 %		0.0070748	11.77	0.0000000	0.00	0.0068050	7.32	0.0000000	0.00	25.7767	7.32	0.0013223	11.77	0.0000000	0.00	0.266944	0.17	0.0003583	7.32	0.0000000	0.00	23.4573	0.17	0.0173477	7.32	12.42136	2.06	2.09060	11.77	0.0000000	0.00	0.0236919	0.17
15D04589	2.8 %		0.0080437	10.24	0.0000000	0.00	0.0082853	5.86	0.0000065	216.45	31.3837	5.86	0.0015034	10.24	0.0000000	0.00	0.327933	0.14	0.0004362	5.86	0.0212898	216.45	28.8166	0.14	0.0211212	5.86	15.01353	1.69	2.37692	10.24	0.0000000	0.00	0.0291048	0.14
15D04591	3.0 %	✓	0.0100506	7.95	0.0000000	0.00	0.0100502	4.84	0.0000048	305.14	38.0688	4.84	0.0018784	7.95	0.0000000	0.00	0.419807	0.12	0.0005292	4.84	0.0154861	305.14	36.8899	0.12	0.0256203	4.84	18.65847	1.32	2.96994	7.95	0.0000000	0.00	0.0372588	0.12
15D04592	3.2 %	✓	0.0084647	9.79	0.0000000	0.00	0.0099558	4.93	0.0000043	341.79	37.7113	4.93	0.0015821	9.79	0.0000000	0.00	0.434743	0.11	0.0005242	4.93	0.0138951	341.79	38.2024	0.11	0.0253797	4.93	19.43722	1.31	2.50132	9.79	0.0000000	0.00	0.0385844	0.11
15D04593	3.4 %	✓	0.0114927	7.34	0.0000000	0.00	0.0159080	3.11	0.0000035	434.22	60.2577	3.11	0.0021480	7.34	0.0000000	0.00	0.690085	0.10	0.0008376	3.11	0.0112389	434.23	60.6401	0.10	0.0405535	3.11	30.90230	0.84	3.39609	7.34	0.0000000	0.00	0.0612465	0.10
15D04595	3.6 %	✓	0.0082604	10.17	0.0000000	0.00	0.0139958	3.56	0.0000090	156.82	53.0143	3.56	0.0015439	10.17	0.0000000	0.00	0.655319	0.10	0.0007369	3.56	0.0294305	156.82	57.5852	0.10	0.0356786	3.56	29.60697	0.87	2.44095	10.17	0.0000000	0.00	0.0581610	0.10
15D04596	3.9 %	✓	0.0095367	8.91	0.0000000	0.00	0.0159151	3.20	0.0000016	895.07	60.2843	3.20	0.0017824	8.91	0.0000000	0.00	0.748259	0.09	0.0008380	3.20	0.0052751	895.07	65.7521	0.09	0.0405713	3.20	33.71940	0.77	2.81809	8.91	0.0000000	0.00	0.0664096	0.09
15D04597	4.2 %	✓	0.0082093	10.21	0.0000000	0.00	0.0164819	2.98	0.0000177	81.94	62.4315	2.98	0.0015343	10.21	0.0000000	0.00	0.804405	0.09	0.0008678	2.98	0.0575273	81.95	70.6859	0.09	0.0420164	2.98	36.51860	0.71	2.42586	10.21	0.0000000	0.00	0.0713928	0.09
15D04599	4.5 %	✓	0.0107610	8.24	0.0000000	0.00	0.0165944	2.97	0.0000089	163.87	62.8575	2.97	0.0020112	8.24	0.0000000	0.00	0.897138	0.09	0.0008737	2.97	0.0288023	163.87	78.8346	0.09	0.0423031	2.97	39.88293	0.68	3.17988	8.24	0.0000000	0.00	0.0796230	0.09
15D04600	4.8 %	✓	0.0114941	7.58	0.0000000	0.00	0.0176800	2.99	0.0000000	0.00	66.9698	2.99	0.0021482	7.58	0.0000000	0.00	0.965693	0.09	0.0009309	2.99	0.0000000	0.00	84.8588	0.09	0.0450707	2.99	43.08530	0.62	3.39650	7.58	0.0000000	0.00	0.0857074	0.09
15D04601	5.1 %	✓	0.0106557	8.08	0.0000000	0.00	0.0170976	2.82	0.0000091	159.42	64.7637	2.82	0.0019916	8.08	0.0000000	0.00	0.995502	0.09	0.0009002	2.82	0.0295123	159.42	87.4782	0.09	0.0435860	2.82	44.35662	0.60	3.14877	8.08	0.0000000	0.00	0.0883530	0.09
15D04603	5.4 %	✓	0.0079670	10.43	0.0000000	0.00	0.0135091	3.66	0.0000019	755.64	51.1709	3.66	0.0014890	10.43	0.0000000	0.00	0.846719	0.09	0.0007113	3.66	0.0063116	755.64	74.4041	0.09	0.0344380	3.66	37.86337	0.68	2.35425	10.43	0.0000000	0.00	0.0751482	0.09
15D04604	5.8 %	✓	0.0091961	8.87	0.0000000	0.00	0.0142207	3.53	0.0000098	149.66	53.8662	3.53	0.0017188	8.87	0.0000000	0.00	0.890138	0.09	0.0007487	3.53	0.0319298	149.67	78.2195	0.09	0.0362520	3.53	39.63792	0.64	2.71745	8.87	0.0000000	0.00	0.0790017	0.09
15D04605	6.2 %	✓	0.0087412	9.56	0.0000000	0.00	0.0146194	3.50	0.0000230	61.73	55.3766	3.50	0.0016337	9.56	0.0000000	0.00	0.925961	0.09	0.0007697	3.50	0.0749537	61.74	81.3674	0.09	0.0372685	3.50	41.50650	0.62	2.58302	9.56	0.0000000	0.00	0.0821811	0.09
15D04607	6.8 %	✓	0.0119249	7.42	0.0000000	0.00	0.0180738	2.65	0.0000231	64.77	68.4614	2.65	0.0022288	7.42	0.0000000	0.00	1.092964	0.08	0.0009516	2.65	0.0750613	64.77	96.0425	0.08	0.0460745	2.65	48.94079	0.55	3.52382	7.42	0.0000000	0.00	0.0970029	0.08
15D04608	7.4 %	✓	0.0115242	7.30	0.0000000	0.00	0.0165263	3.04	0.0000000	0.00	62.5996	3.04	0.0021539	7.30	0.0000000	0.00	0.981488	0.09	0.0008701	3.04	0.0000000	0.00	86.2468	0.09	0.0421296	3.04	44.14397	0.59	3.40540	7.30	0.0000000	0.00	0.0871092	0.09
15D04609	8.2 %	✓	0.0141307	6.12	0.0000000	0.00	0.0169983	2.91	0.0000128	112.76	64.3874	2.91	0.0026410	6.12	0.0000000	0.00	0.956004	0.09	0.0008950	2.91	0.0416384	112.77	84.0074	0.09	0.0433327	2.91	42.80205	0.62	4.17563	6.12	0.0000000	0.00	0.0848475	0.09
15D04611	9.1 %	✓	0.0189396	5.01	0.0000000	0.00	0.0200045	2.57	0.0000266	55.16	75.7747	2.57	0.0035398	5.01	0.0000000	0.00	0.964521	0.09	0.0010533	2.57	0.0865753	55.17	84.7558	0.09	0.0509963	2.57	43.14762	0.67	5.59664	5.01	0.0000000	0.00	0.0856034	0.09
15D04612	10.1 %	✓	0.0184503	4.85	0.0000000	0.00	0.0181000	2.72	0.0000098	148.78	68.5604	2.72	0.0034484	4.85	0.0000000	0.00	0.702093	0.09	0.0009530	2.72	0.0317414	148.78	61.6953	0.09	0.0461412	2.72	31.32960	0.87	5.45206	4.85	0.0000000	0.00	0.0623123	0.09
15D04613	11.2 %		0.0256274	3.79	0.0000000	0.00	0.0241267	2.05	0.0000099	151.06	91.3890	2.05	0.0047898	3.79	0.0000000	0.00	0.595543	0.10	0.0012703	2.05	0.0322534	151.06	52.3324	0.10	0.0615048	2.05	25.95193	1.14	7.57290	3.79	0.0000000	0.00	0.0528558	0.10
15D04615	12.3 %		0.0279175	3.64	0.0000000	0.00	0.0295451	1.77	0.0000277	52.57	111.9133	1.77	0.0052178	3.64	0.0000000	0.00	0.462767	0.11	0.0015556	1.77	0.0900822	52.58	40.6649	0.11	0.0753177	1.77	19.82057	1.56	8.24963	3.64	0.0000000	0.00	0.0410716	0.11
15D04616	13.5 %		0.0267558	3.53	0.0000000	0.00	0.0259621	2.00	0.0000256	57.64	98.3414	2.00	0.0050007	3.53	0.0000000	0.00	0.374793	0.14	0.0013669	2.00	0.0833626	57.64	32.9343	0.14	0.0661838	2.00	15.80010	1.82	7.90635	3.53	0.0000000	0.00	0.0332637	0.14
15D04617	14.8 %		0.0235454	3.82	0.0000000	0.00	0.0195132	2.55	0.0000364	39.40	73.9138	2.55	0.0044006	3.82	0.0000000	0.00	0.307134	0.16	0.0010274	2.55	0.1182897	39.41	26.9889	0.16	0.0497440	2.55	13.16932	2.09	6.95767	3.82	0.0000000	0.00	0.0272588	0.16
15D04619	16.2 %		0.0298339	3.22	0.0000000	0.00	0.0263940	2.01	0.0000434	33.03	99.9773	2.01	0.0055760	3.22	0.0000000	0.00	0.292795	0.16	0.0013897	2.01	0.1409842	33.05	25.7289	0.16	0.0672847	2.01	11.85972	2.47	8.81593	3.22	0.0000000	0.00	0.0259862	0.16
15D04620	17.7 %		0.0272425	3.55	0.0000000	0.00	0.0307006	1.63	0.0000219	63.42	116.2902	1.63	0.0050916	3.55	0.0000000	0.00	0.215758	0.21	0.0016164	1.63	0.0712190	63.42	18.9594	0.21	0.0782633	1.63	8.58008	3.44	8.05016	3.55	0.0000000	0.00	0.0191490	0.21
15D04621	19.8 %		0.0312965	3.58	0.0000000	0.00	0.0493771	1.14	0.0000294	46.50	187.0344	1.14	0.0058493	3.58	0.0000000	0.00	0.169746	0.26	0.0025998	1.14	0.0955941	46.51	14.9162	0.26	0.1258742	1.14	6.18675	5.47	9.24811	3.58	0.0000000	0.00	0.0150653	0.26
15D04623	22.1 %		0.0282872	3.88	0.0000000	0.00	0.0577024	1.02	0.0000134	106.22	218.5697	1.02	0.0052869	3.88	0.0000000	0.00	0.119553	0.35	0.0030381	1.02	0.0435038	106.22	10.5056	0.35	0.1470974	1.02	4.45385	7.45	8.35886	3.88	0.0000000	0.00	0.0106106	0.35
15D04624	24.5 %		0.0263057	4.20	0.0000000	0.00	0.0581392	1.03	0.0000272	52.82	220.2242	1.03	0.0049165	4.20	0.0000000	0.00	0.084137	0.50	0.0030611	1.03	0.0884607	52.83	7.3934	0.50	0.1482109	1.03	2.73492	12.22	7.77334	4.20	0.0000000	0.00	0.0074673	0.50
		Σ	0.6010697	0.88	0.0000000	0.00	0.6448529	0.46	0.0004248	17.71	2442.6248	0.46	0.1123399	0.88	0.0000000	0.00	18.740562	0.02	0.0339525	0.46	1.3812546	17.71	1646.7981	0.02	1.6438865	0.46	836.55178	0.19	177.61608	0.88	0.0000000	0.00	1.6632661	0.02
		Σ							1.2463475	0.49	2442.6248	0.46									20.268109	1.21			1.6488420	0.02							1015.8311	0.22

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
15D04579	1.8 %		1.871403	0.008042	1.359320	0.142739	0.004583	0.000066	189.114	42.007388	1.00133616	1.123E-12
15D04580	1.9 %		1.052801	0.003764	1.287363	0.091015	0.001917	0.000035	189.124	42.016032	1.00133624	1.097E-12
15D04581	2.0 %		0.850849	0.004280	1.149549	0.098441	0.001357	0.000038	189.134	42.024102	1.00133630	7.383E-13
15D04583	2.1 %		0.806027	0.005417	1.208901	0.130058	0.001198	0.000048	189.153	42.039668	1.00133644	5.397E-13
15D04584	2.2 %		0.681422	0.002897	1.175480	0.071528	0.000823	0.000024	189.163	42.047742	1.00133650	8.822E-13
15D04585	2.3 %		0.663973	0.003525	1.091541	0.083217	0.000719	0.000030	189.172	42.055817	1.00133657	6.802E-13
15D04587	2.4 %		0.630006	0.003425	1.076204	0.081954	0.000647	0.000029	189.190	42.070818	1.00133670	6.648E-13
15D04588	2.6 %		0.619207	0.003172	1.098066	0.080423	0.000591	0.000028	189.200	42.078898	1.00133677	6.977E-13
15D04589	2.8 %		0.604055	0.002623	1.088286	0.063770	0.000566	0.000023	189.209	42.086402	1.00133683	8.361E-13
15D04591	3.0 %	✓	0.586898	0.002047	1.031241	0.049957	0.000545	0.000017	189.227	42.101414	1.00133696	1.040E-12
15D04592	3.2 %	✓	0.574899	0.001950	0.986489	0.048647	0.000482	0.000017	189.236	42.108922	1.00133702	1.055E-12
15D04593	3.4 %	✓	0.566237	0.001293	0.993030	0.030900	0.000452	0.000011	189.245	42.116432	1.00133709	1.649E-12
15D04595	3.6 %	✓	0.557195	0.001327	0.920054	0.032753	0.000386	0.000012	189.263	42.131455	1.00133722	1.541E-12
15D04596	3.9 %	✓	0.556352	0.001199	0.916277	0.029369	0.000387	0.000010	189.272	42.138390	1.00133728	1.757E-12
15D04597	4.2 %	✓	0.551633	0.001131	0.882699	0.026313	0.000349	0.000010	189.281	42.145905	1.00133734	1.873E-12
15D04599	4.5 %	✓	0.546959	0.001025	0.796906	0.023640	0.000347	0.000009	189.298	42.160360	1.00133746	2.071E-12
15D04600	4.8 %	✓	0.548474	0.000969	0.788772	0.023565	0.000344	0.000008	189.306	42.167300	1.00133752	2.235E-12
15D04601	5.1 %	✓	0.543793	0.000936	0.739972	0.020875	0.000317	0.000008	189.315	42.174820	1.00133758	2.284E-12
15D04603	5.4 %	✓	0.541289	0.001076	0.687424	0.025184	0.000289	0.000009	189.333	42.189285	1.00133771	1.934E-12
15D04604	5.8 %	✓	0.542252	0.001057	0.688335	0.024282	0.000299	0.000008	189.341	42.196229	1.00133777	2.037E-12
15D04605	6.2 %	✓	0.542619	0.000994	0.680264	0.023789	0.000287	0.000008	189.350	42.203754	1.00133783	2.120E-12
15D04607	6.8 %	✓	0.547012	0.000873	0.712482	0.018868	0.000312	0.000008	189.367	42.217650	1.00133795	2.523E-12
15D04608	7.4 %	✓	0.552058	0.000955	0.725466	0.022040	0.000325	0.000008	189.376	42.225179	1.00133801	2.287E-12
15D04609	8.2 %	✓	0.559930	0.000984	0.766054	0.022276	0.000371	0.000008	189.384	42.232130	1.00133807	2.259E-12
15D04611	9.1 %	✓	0.575777	0.000970	0.893497	0.022987	0.000460	0.000009	189.401	42.246614	1.00133819	2.344E-12
15D04612	10.1 %	✓	0.596746	0.001287	1.110444	0.030190	0.000592	0.000012	189.410	42.254148	1.00133826	1.769E-12
15D04613	11.2 %		0.640870	0.001507	1.744265	0.035825	0.000950	0.000016	189.419	42.261104	1.00133832	1.612E-12
15D04615	12.3 %		0.690013	0.001932	2.746998	0.048638	0.001411	0.000021	189.436	42.275598	1.00133844	1.349E-12
15D04616	13.5 %		0.719374	0.002381	2.979997	0.059871	0.001598	0.000024	189.445	42.283138	1.00133850	1.140E-12
15D04617	14.8 %		0.745386	0.002853	2.733632	0.069969	0.001594	0.000028	189.453	42.290098	1.00133856	9.674E-13
15D04619	16.2 %		0.802507	0.003095	3.875662	0.077991	0.002181	0.000031	189.471	42.304602	1.00133868	9.937E-13
15D04620	17.7 %		0.874549	0.004199	6.108422	0.100625	0.003045	0.000044	189.480	42.312147	1.00133875	7.992E-13
15D04621	19.8 %		1.027116	0.005368	12.434108	0.144977	0.005365	0.000066	189.489	42.319692	1.00133881	7.416E-13
15D04623	22.1 %		1.203767	0.007806	20.517849	0.221128	0.008073	0.000091	189.506	42.334207	1.00133893	6.155E-13
15D04624	24.5 %		1.394361	0.011673	29.201215	0.332261	0.011201	0.000135	189.515	42.341757	1.00133900	5.048E-13

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
15D04579	1.8 %	0.0082916 ± 0.0004592	0.0091997 ± 0.0302189	0.0838089 ± 0.0378272	0.0264550 ± 0.0252677	2.1987263 ± 0.0646118
15D04580	1.9 %	0.0081575 ± 0.0004592	0.0100570 ± 0.0302189	0.0838089 ± 0.0378272	0.0107303 ± 0.0252677	2.1623801 ± 0.0646118
15D04581	2.0 %	0.0080531 ± 0.0004592	0.0100627 ± 0.0302189	0.0838089 ± 0.0378272	0.0012887 ± 0.0252677	2.1379489 ± 0.0646118
15D04583	2.1 %	0.0079005 ± 0.0004592	0.0084092 ± 0.0302189	0.0838089 ± 0.0378272	0.0180491 ± 0.0252677	2.1120731 ± 0.0646118
15D04584	2.2 %	0.0078430 ± 0.0004592	0.0069221 ± 0.0302189	0.0838089 ± 0.0378272	0.0238140 ± 0.0252677	2.1074793 ± 0.0646118
15D04585	2.3 %	0.0077978 ± 0.0004592	0.0051494 ± 0.0302189	0.0838089 ± 0.0378272	0.0278437 ± 0.0252677	2.1075301 ± 0.0646118
15D04587	2.4 %	0.0077407 ± 0.0004592	0.0014307 ± 0.0302189	0.0838089 ± 0.0378272	0.0313716 ± 0.0252677	2.1167024 ± 0.0646118
15D04588	2.6 %	0.0077216 ± 0.0004592	0.0006437 ± 0.0302189	0.0838089 ± 0.0378272	0.0314730 ± 0.0252677	2.1249417 ± 0.0646118
15D04589	2.8 %	0.0077096 ± 0.0004592	0.0025305 ± 0.0302189	0.0838089 ± 0.0378272	0.0306340 ± 0.0252677	2.1337811 ± 0.0646118
15D04591	3.0 %	0.0076979 ± 0.0004592	0.0059882 ± 0.0302189	0.0838089 ± 0.0378272	0.0267860 ± 0.0252677	2.1526800 ± 0.0646118
15D04592	3.2 %	0.0076964 ± 0.0004592	0.0074776 ± 0.0302189	0.0838089 ± 0.0378272	0.0240207 ± 0.0252677	2.1617886 ± 0.0646118
15D04593	3.4 %	0.0076967 ± 0.0004592	0.0087642 ± 0.0302189	0.0838089 ± 0.0378272	0.0208476 ± 0.0252677	2.1701245 ± 0.0646118
15D04595	3.6 %	0.0077001 ± 0.0004592	0.0106412 ± 0.0302189	0.0838089 ± 0.0378272	0.0137039 ± 0.0252677	2.1831609 ± 0.0646118
15D04596	3.9 %	0.0077018 ± 0.0004592	0.0111705 ± 0.0302189	0.0838089 ± 0.0378272	0.0102237 ± 0.0252677	2.1870771 ± 0.0646118
15D04597	4.2 %	0.0077031 ± 0.0004592	0.0114972 ± 0.0302189	0.0838089 ± 0.0378272	0.0064396 ± 0.0252677	2.1895728 ± 0.0646118
15D04599	4.5 %	0.0077029 ± 0.0004592	0.0114220 ± 0.0302189	0.0838089 ± 0.0378272	0.0005743 ± 0.0252677	2.1888304 ± 0.0646118
15D04600	4.8 %	0.0077010 ± 0.0004592	0.0110790 ± 0.0302189	0.0838089 ± 0.0378272	0.0036868 ± 0.0252677	2.1857870 ± 0.0646118
15D04601	5.1 %	0.0076975 ± 0.0004592	0.0105091 ± 0.0302189	0.0838089 ± 0.0378272	0.0067853 ± 0.0252677	2.1805314 ± 0.0646118
15D04603	5.4 %	0.0076859 ± 0.0004592	0.0089457 ± 0.0302189	0.0838089 ± 0.0378272	0.0117176 ± 0.0252677	2.1650004 ± 0.0646118
15D04604	5.8 %	0.0076782 ± 0.0004592	0.0080432 ± 0.0302189	0.0838089 ± 0.0378272	0.0135108 ± 0.0252677	2.1552575 ± 0.0646118
15D04605	6.2 %	0.0076685 ± 0.0004592	0.0070128 ± 0.0302189	0.0838089 ± 0.0378272	0.0149721 ± 0.0252677	2.1432884 ± 0.0646118
15D04607	6.8 %	0.0076475 ± 0.0004592	0.0051561 ± 0.0302189	0.0838089 ± 0.0378272	0.0162179 ± 0.0252677	2.1182733 ± 0.0646118
15D04608	7.4 %	0.0076351 ± 0.0004592	0.0042948 ± 0.0302189	0.0838089 ± 0.0378272	0.0160427 ± 0.0252677	2.1037816 ± 0.0646118
15D04609	8.2 %	0.0076235 ± 0.0004592	0.0036719 ± 0.0302189	0.0838089 ± 0.0378272	0.0153195 ± 0.0252677	2.0902782 ± 0.0646118
15D04611	9.1 %	0.0076008 ± 0.0004592	0.0031982 ± 0.0302189	0.0838089 ± 0.0378272	0.0120108 ± 0.0252677	2.0634724 ± 0.0646118
15D04612	10.1 %	0.0075909 ± 0.0004592	0.0035638 ± 0.0302189	0.0838089 ± 0.0378272	0.0093029 ± 0.0252677	2.0512787 ± 0.0646118
15D04613	11.2 %	0.0075839 ± 0.0004592	0.0043867 ± 0.0302189	0.0838089 ± 0.0378272	0.0061961 ± 0.0252677	2.0417848 ± 0.0646118
15D04615	12.3 %	0.0075787 ± 0.0004592	0.0079826 ± 0.0302189	0.0838089 ± 0.0378272	0.0021437 ± 0.0252677	2.0298706 ± 0.0646118
15D04616	13.5 %	0.0075827 ± 0.0004592	0.0110786 ± 0.0302189	0.0838089 ± 0.0378272	0.0074623 ± 0.0252677	2.0292955 ± 0.0646118
15D04617	14.8 %	0.0075918 ± 0.0004592	0.0148249 ± 0.0302189	0.0838089 ± 0.0378272	0.0129512 ± 0.0252677	2.0331122 ± 0.0646118
15D04619	16.2 %	0.0076312 ± 0.0004592	0.0258462 ± 0.0302189	0.0838089 ± 0.0378272	0.0260923 ± 0.0252677	2.0576182 ± 0.0646118
15D04620	17.7 %	0.0076650 ± 0.0004592	0.0335657 ± 0.0302189	0.0838089 ± 0.0378272	0.0337810 ± 0.0252677	2.0810053 ± 0.0646118
15D04621	19.8 %	0.0077097 ± 0.0004592	0.0428455 ± 0.0302189	0.0838089 ± 0.0378272	0.0420072 ± 0.0252677	2.1130175 ± 0.0646118
15D04623	22.1 %	0.0078318 ± 0.0004592	0.0656747 ± 0.0302189	0.0838089 ± 0.0378272	0.0591732 ± 0.0252677	2.2028797 ± 0.0646118
15D04624	24.5 %	0.0079171 ± 0.0004592	0.0804644 ± 0.0302189	0.0838089 ± 0.0378272	0.0687009 ± 0.0252677	2.2665596 ± 0.0646118

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)
15D04579	1.8 %	0.0625310 ± 0.0005927	0.0674	EXP 150 of 150	0.3875786 ± 0.0285666	0.0127	EXP 150 of 150	0.0478820 ± 0.0277775	0.0006	EXP 150 of 150	12.4351707 ± 0.0268332	0.8847	EXP 150 of 150	25.672138 ± 0.029276	0.9881	EXP 150 of 150
15D04580	1.9 %	0.0475431 ± 0.0005436	0.3138	EXP 150 of 150	0.6421580 ± 0.0346051	0.0046	EXP 150 of 150	0.1480124 ± 0.0264210	0.0002	EXP 150 of 150	21.5524172 ± 0.0245481	0.9679	EXP 150 of 150	25.087315 ± 0.029473	0.9875	EXP 150 of 150
15D04581	2.0 %	0.0312564 ± 0.0004632	0.3654	EXP 150 of 150	0.4747175 ± 0.0283086	0.0001	EXP 149 of 150	0.0973140 ± 0.0263260	0.0015	EXP 150 of 150	17.9332669 ± 0.0247061	0.9524	EXP 150 of 150	17.562939 ± 0.028274	0.9908	EXP 150 of 150
15D04583	2.1 %	0.0237121 ± 0.0004276	0.4611	EXP 150 of 150	0.3848306 ± 0.0295019	0.0062	EXP 150 of 150	0.0686863 ± 0.0246211	0.0000	EXP 150 of 150	13.8208330 ± 0.0251680	0.9225	EXP 150 of 150	13.387491 ± 0.025638	0.9932	EXP 150 of 150
15D04584	2.2 %	0.0288567 ± 0.0003871	0.4896	EXP 150 of 150	0.7323049 ± 0.0330240	0.0002	EXP 150 of 150	0.2350901 ± 0.0275013	0.0061	EXP 150 of 150	26.7358117 ± 0.0289830	0.9733	EXP 150 of 150	20.539729 ± 0.033011	0.9856	EXP 150 of 150
15D04585	2.3 %	0.0223097 ± 0.0003932	0.5474	EXP 150 of 150	0.5379203 ± 0.0281088	0.0001	EXP 150 of 150	0.2005822 ± 0.0270771	0.0264	EXP 150 of 150	21.1468145 ± 0.0271946	0.9607	EXP 150 of 150	16.319331 ± 0.028183	0.9905	EXP 150 of 150
15D04587	2.4 %	0.0211898 ± 0.0003779	0.5874	EXP 150 of 150	0.5499085 ± 0.0289556	0.0093	EXP 150 of 150	0.1411384 ± 0.0283276	0.0000	EXP 150 of 150	21.7798429 ± 0.0261845	0.9668	EXP 150 of 150	16.006850 ± 0.029850	0.9893	EXP 150 of 150
15D04588	2.6 %	0.0208555 ± 0.0004312	0.5210	EXP 150 of 150	0.6012095 ± 0.0317569	0.0149	EXP 150 of 150	0.1612850 ± 0.0273563	0.0021	EXP 150 of 150	23.2586298 ± 0.0250441	0.9730	EXP 150 of 150	16.702654 ± 0.028257	0.9903	EXP 150 of 150
15D04589	2.8 %	0.0231673 ± 0.0004282	0.4644	EXP 150 of 150	0.7336029 ± 0.0300502	0.0253	EXP 150 of 150	0.2627562 ± 0.0252302	0.0144	EXP 150 of 150	28.5804077 ± 0.0248895	0.9825	EXP 150 of 150	19.603749 ± 0.030932	0.9874	EXP 148 of 150
15D04591	3.0 %	0.0267230 ± 0.0003814	0.4980	EXP 150 of 150	0.8924714 ± 0.0300605	0.0139	EXP 150 of 150	0.3481619 ± 0.0272580	0.0317	EXP 150 of 150	36.5985680 ± 0.0275138	0.9871	EXP 150 of 150	23.881047 ± 0.028903	0.9870	EXP 150 of 150
15D04592	3.2 %	0.0251310 ± 0.0004304	0.4824	EXP 150 of 150	0.8854793 ± 0.0305734	0.0243	EXP 150 of 150	0.3610348 ± 0.0276578	0.0202	EXP 150 of 150	37.9032552 ± 0.0228135	0.9916	EXP 149 of 150	24.202507 ± 0.027776	0.9877	EXP 150 of 150
15D04593	3.4 %	0.0336283 ± 0.0004478	0.3548	EXP 150 of 150	1.4114465 ± 0.0304056	0.0862	EXP 150 of 150	0.6112796 ± 0.0297835	0.0077	EXP 150 of 150	60.1828237 ± 0.0281881	0.9950	EXP 150 of 150	36.629189 ± 0.030633	0.9781	EXP 150 of 150
15D04595	3.6 %	0.0287688 ± 0.0004416	0.4825	EXP 150 of 150	1.2442700 ± 0.0310369	0.0359	EXP 150 of 150	0.5942275 ± 0.0253406	0.0516	EXP 150 of 150	57.1542035 ± 0.0274751	0.9947	EXP 150 of 150	34.382147 ± 0.027044	0.9829	EXP 150 of 150
15D04596	3.9 %	0.0317873 ± 0.0004450	0.4473	EXP 150 of 150	1.4137399 ± 0.0322572	0.0454	EXP 150 of 150	0.6624461 ± 0.0271770	0.0174	EXP 150 of 150	65.2652290 ± 0.0283559	0.9957	EXP 150 of 150	38.896900 ± 0.030604	0.9743	EXP 150 of 150
15D04597	4.2 %	0.0310842 ± 0.0004444	0.5090	EXP 150 of 150	1.4637636 ± 0.0298123	0.0975	EXP 150 of 150	0.7692106 ± 0.0270321	0.0892	EXP 150 of 150	70.1654721 ± 0.0336706	0.9947	EXP 150 of 150	41.318328 ± 0.030338	0.9713	EXP 150 of 150
15D04599	4.5 %	0.0335966 ± 0.0005205	0.4082	EXP 150 of 150	1.4730965 ± 0.0298993	0.0338	EXP 149 of 150	0.8328568 ± 0.0271313	0.0395	EXP 150 of 150	78.2574420 ± 0.0338758	0.9958	EXP 150 of 150	45.456108 ± 0.029834	0.9649	EXP 150 of 150
15D04600	4.8 %	0.0353074 ± 0.0004608	0.3459	EXP 150 of 150	1.5681237 ± 0.0341762	0.0346	EXP 150 of 150	0.8559474 ± 0.0273206	0.0045	EXP 150 of 150	84.2400884 ± 0.0305033	0.9970	EXP 150 of 150	48.888060 ± 0.032148	0.9523	EXP 150 of 150
15D04601	5.1 %	0.0339680 ± 0.0004880	0.3829	EXP 150 of 150	1.5159937 ± 0.0285160	0.0430	EXP 150 of 150	0.9306406 ± 0.0268675	0.0504	EXP 150 of 150	86.8405646 ± 0.0333752	0.9966	EXP 150 of 150	49.912005 ± 0.029714	0.9578	EXP 149 of 150
15D04603	5.4 %	0.0280098 ± 0.0004289	0.5440	EXP 150 of 150	1.1980462 ± 0.0305988	0.0176	EXP 150 of 150	0.7602258 ± 0.0279685	0.0270	EXP 148 of 150	73.8650958 ± 0.0312204	0.9959	EXP 150 of 150	42.574365 ± 0.030940	0.9669	EXP 150 of 150
15D04604	5.8 %	0.0298459 ± 0.0003939	0.5219	EXP 150 of 150	1.2595716 ± 0.0313449	0.0231	EXP 150 of 150	0.8286227 ± 0.0281180	0.0268	EXP 150 of 150	77.6540504 ± 0.0322696	0.9960	EXP 150 of 150	44.712420 ± 0.035649	0.9522	EXP 150 of 150
15D04605	6.2 %	0.0297956 ± 0.0004193	0.5980	EXP 150 of 150	1.2934054 ± 0.0324654	0.0216	EXP 150 of 150	0.9063742 ± 0.0255115	0.0776	EXP 150 of 150	80.7796633 ± 0.0310011	0.9966	EXP 150 of 150	46.442814 ± 0.030316	0.9611	EXP 150 of 150
15D04607	6.8 %	0.0360560 ± 0.0005275	0.3200	EXP 150 of 150	1.5949823 ± 0.0278090	0.1372	EXP 150 of 150	1.0720636 ± 0.0294381	0.0957	EXP 150 of 150	95.3493777 ± 0.0313781	0.9975	EXP 150 of 150	54.831980 ± 0.031345	0.9273	EXP 150 of 150
15D04608	7.4 %	0.0341782 ± 0.0004364	0.5221	EXP 149 of 150	1.4577390 ± 0.0310563	0.1437	EXP 150 of 150	0.8561916 ± 0.0271004	0.0000	EXP 150 of 150	85.6265672 ± 0.0322220	0.9968	EXP 150 of 150	49.878115 ± 0.031125	0.9495	EXP 150 of 150
15D04609	8.2 %	0.0370918 ± 0.0004829	0.3707	EXP 150 of 150	1.4983780 ± 0.0299937	0.0704	EXP 150 of 150	0.9042627 ± 0.0267056	0.0364	EXP 150 of 150	83.4052522 ± 0.0322710	0.9966	EXP 150 of 150	49.289005 ± 0.031918	0.9477	EXP 150 of 150
15D04611	9.1 %	0.0444772 ± 0.0005876	0.2111	EXP 150 of 150	1.7616484 ± 0.0320603	0.0929	EXP 150 of 150	0.9580603 ± 0.0280458	0.0827	EXP 149 of 150	84.1520971 ± 0.0336178	0.9963	EXP 150 of 150	51.034642 ± 0.028422	0.9478	EXP 150 of 150
15D04612	10.1 %	0.0421863 ± 0.0005276	0.2161	EXP 150 of 150	1.5943149 ± 0.0295044	0.1356	EXP 150 of 150	0.6447618 ± 0.0271928	0.0065	EXP 150 of 150	61.2653363 ± 0.0279023	0.9951	EXP 150 of 150	39.001873 ± 0.031019	0.9695	EXP 150 of 150
15D04613	11.2 %	0.0546737 ± 0.0006304	0.0629	EXP 150 of 150	2.1244601 ± 0.0287790	0.1606	EXP 150 of 150	0.5417497 ± 0.0296584	0.0000	EXP 150 of 150	51.9882253 ± 0.0258135	0.9944	EXP 150 of 150	35.716640 ± 0.031108	0.9730	EXP 150 of 150
15D04615	12.3 %	0.0619796 ± 0.0006656	0.0187	EXP 150 of 150	2.6032976 ± 0.0310580	0.2077	EXP 150 of 150	0.4684871 ± 0.0274135	0.0126	EXP 150 of 150	40.4177782 ± 0.0259473	0.9905	EXP 149 of 150	30.222494 ± 0.031843	0.9758	EXP 150 of 150
15D04616	13.5 %	0.0574920 ± 0.0005701	0.0302	EXP 150 of 150	2.2912484 ± 0.0316471	0.1303	EXP 150 of 150	0.3746326 ± 0.0285651	0.0091	EXP 150 of 150	32.7335843 ± 0.0302963	0.9802	EXP 150 of 150	25.837706 ± 0.030333	0.9815	EXP 150 of 150
15D04617	14.8 %	0.0483710 ± 0.0005261	0.2111	EXP 150 of 150	1.7283269 ± 0.0300803	0.1354	EXP 150 of 150	0.3414023 ± 0.0261253	0.0398	EXP 150 of 150	26.8131264 ± 0.0285329	0.9730	EXP 150 of 150	22.245686 ± 0.027898	0.9853	EXP 150 of 150
15D04619	16.2 %	0.0608786 ± 0.0005839	0.0486	EXP 150 of 150	2.3427703 ± 0.0326617	0.0921	EXP 150 of 150	0.3511658 ± 0.0260569	0.0421	EXP 149 of 150	25.5672731 ± 0.0280939	0.9721	EXP 150 of 150	22.819156 ± 0.032817	0.9789	EXP 150 of 150
15D04620	17.7 %	0.0625151 ± 0.0006146	0.0166	EXP 150 of 150	2.7280526 ± 0.0279834	0.2833	EXP 150 of 150	0.2060315 ± 0.0235531	0.0084	EXP 150 of 150	18.8542188 ± 0.0267585	0.9529	EXP 150 of 150	18.778578 ± 0.032417	0.9813	EXP 150 of 150
15D04621	19.8 %	0.0840758 ± 0.0007618	0.0283	EXP 150 of 150	4.3757294 ± 0.0297144	0.4575	EXP 150 of 150	0.1863960 ± 0.0221943	0.0203	EXP 149 of 150	14.8817698 ± 0.0278161	0.9190	EXP 150 of 150	17.607645 ± 0.027170	0.9882	EXP 150 of 150
15D04623	22.1 %	0.0892131 ± 0.0007071	0.0291	EXP 150 of 150	5.1273756 ± 0.0300981	0.5591	EXP 150 of 150	0.0853295 ± 0.0254591	0.0013	EXP 150 of 150	10.5097284 ± 0.0247756	0.8705	EXP 150 of 150	15.063310 ± 0.028997	0.9869	EXP 150 of 150
15D04624	24.5 %	0.0878499 ± 0.0007136	0.0123	EXP 150 of 150	5.1795724 ± 0.0308498	0.5082	EXP 150 of 150	0.0944023 ± 0.0263486	0.0208	EXP 150 of 150	7.4136127 ± 0.0263435	0.7624	EXP 150 of 150	12.812716 ± 0.030262	0.9869	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
15D04579	1.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04580	1.9 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04581	2.0 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04583	2.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04584	2.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04585	2.3 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04587	2.4 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04588	2.6 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04589	2.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04591	3.0 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04592	3.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04593	3.4 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04595	3.6 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04596	3.9 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04597	4.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04599	4.5 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04600	4.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04601	5.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04603	5.4 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04604	5.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04605	6.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04607	6.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04608	7.4 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04609	8.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04611	9.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04612	10.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04613	11.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04615	12.3 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04616	13.5 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04617	14.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04619	16.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04620	17.7 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04621	19.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04623	22.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	01
15D04624	24.5 %	Kevin Konrad	14-OSU-04	0.00	0.00	36.52	rench Polynesia\Marquesas (14-INT-0€	15D04578	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
15D04579	1.8 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	11	FEB	2015	18	44	1
15D04580	1.9 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	11	FEB	2015	18	59	1
15D04581	2.0 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	11	FEB	2015	19	13	1
15D04583	2.1 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	11	FEB	2015	19	40	1
15D04584	2.2 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	11	FEB	2015	19	54	1
15D04585	2.3 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	11	FEB	2015	20	8	1
15D04587	2.4 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	11	FEB	2015	20	34	1
15D04588	2.6 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	11	FEB	2015	20	48	1
15D04589	2.8 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	11	FEB	2015	21	1	1
15D04591	3.0 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	11	FEB	2015	21	27	1
15D04592	3.2 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	11	FEB	2015	21	40	1
15D04593	3.4 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	11	FEB	2015	21	53	1
15D04595	3.6 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	11	FEB	2015	22	19	1
15D04596	3.9 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	11	FEB	2015	22	31	1
15D04597	4.2 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	11	FEB	2015	22	44	1
15D04599	4.5 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	11	FEB	2015	23	9	1
15D04600	4.8 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	11	FEB	2015	23	21	1
15D04601	5.1 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	11	FEB	2015	23	34	1
15D04603	5.4 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	11	FEB	2015	23	59	1
15D04604	5.8 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	12	FEB	2015	0	11	1
15D04605	6.2 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	12	FEB	2015	0	24	1
15D04607	6.8 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	12	FEB	2015	0	48	1
15D04608	7.4 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	12	FEB	2015	1	1	1
15D04609	8.2 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	12	FEB	2015	1	13	1
15D04611	9.1 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	12	FEB	2015	1	38	1
15D04612	10.1 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	12	FEB	2015	1	51	1
15D04613	11.2 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	12	FEB	2015	2	3	1
15D04615	12.3 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	12	FEB	2015	2	28	1
15D04616	13.5 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	12	FEB	2015	2	41	1
15D04617	14.8 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	12	FEB	2015	2	53	1
15D04619	16.2 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	12	FEB	2015	3	18	1
15D04620	17.7 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	12	FEB	2015	3	31	1
15D04621	19.8 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	12	FEB	2015	3	44	1
15D04623	22.1 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	12	FEB	2015	4	9	1
15D04624	24.5 %	FH-HV-1	Groundmass	Marquesas Islands	FCT-NM (R98) (4C20-14	28.201	0.082	Kuiper et al (2008)	9.55376	0.124	0.00164515	0.124	303.436	0.171	0.9934531	0.072	1	4.8E-14	12	FEB	2015	4	22	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
15D04579	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
15D04580	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
15D04581	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
15D04583	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
15D04584	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
15D04585	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
15D04587	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
15D04588	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
15D04589	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
15D04591	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
15D04592	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
15D04593	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
15D04595	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
15D04596	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
15D04597	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
15D04599	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
15D04600	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
15D04601	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
15D04603	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
15D04604	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
15D04605	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
15D04607	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
15D04608	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
15D04609	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
15D04611	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
15D04612	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
15D04613	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
15D04615	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
15D04616	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
15D04617	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
15D04619	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
15D04620	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
15D04621	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
15D04623	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
15D04624	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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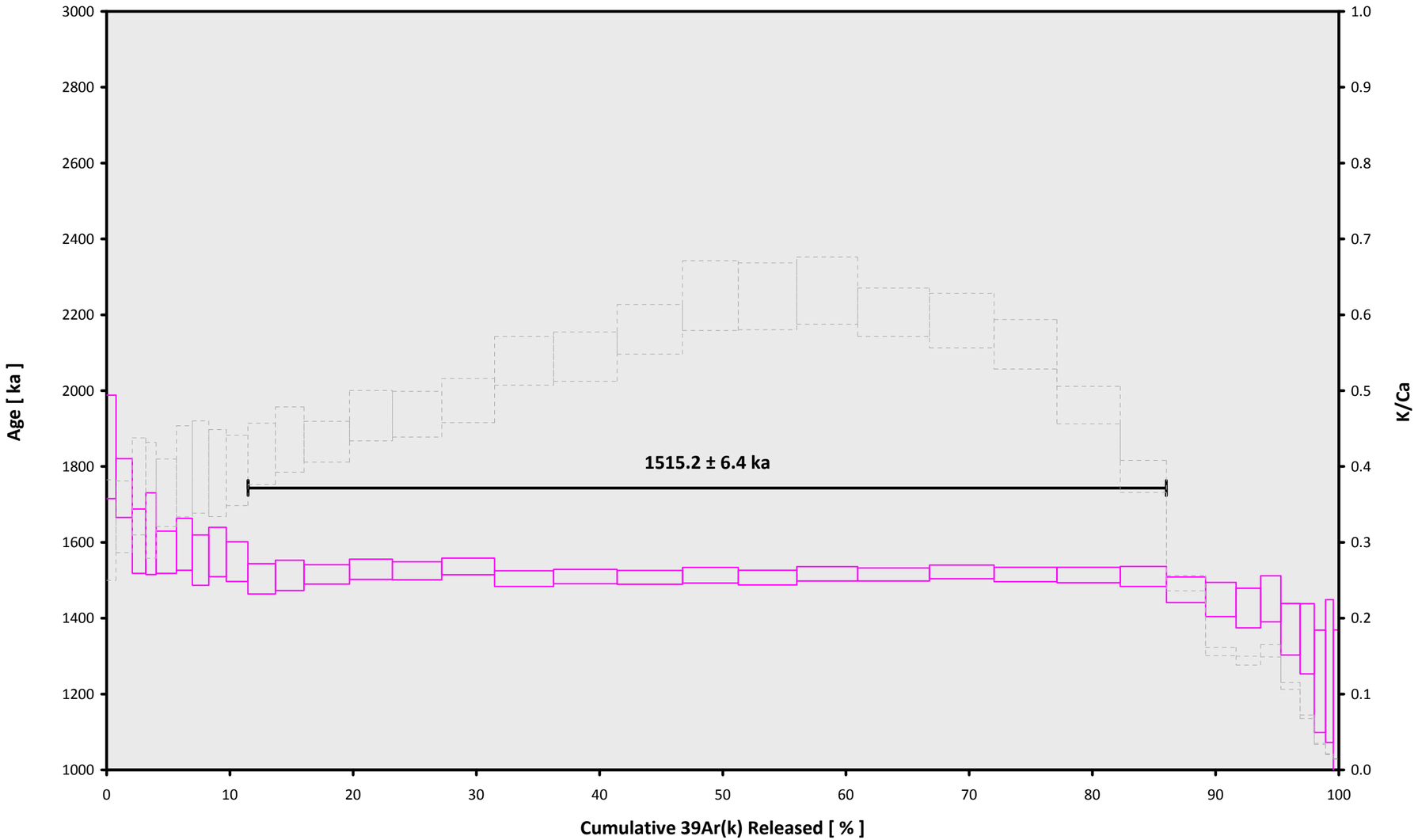


Ar-Ages in ka

WEIGHTED PLATEAU
1515.2 ± 6.4
TOTAL FUSION
1510.6 ± 7.0
NORMAL ISOCHRON
1516.6 ± 17.3
INVERSE ISOCHRON
1515.2 ± 17.5

MSWD (PROBABILITY)
0.59 (90%)

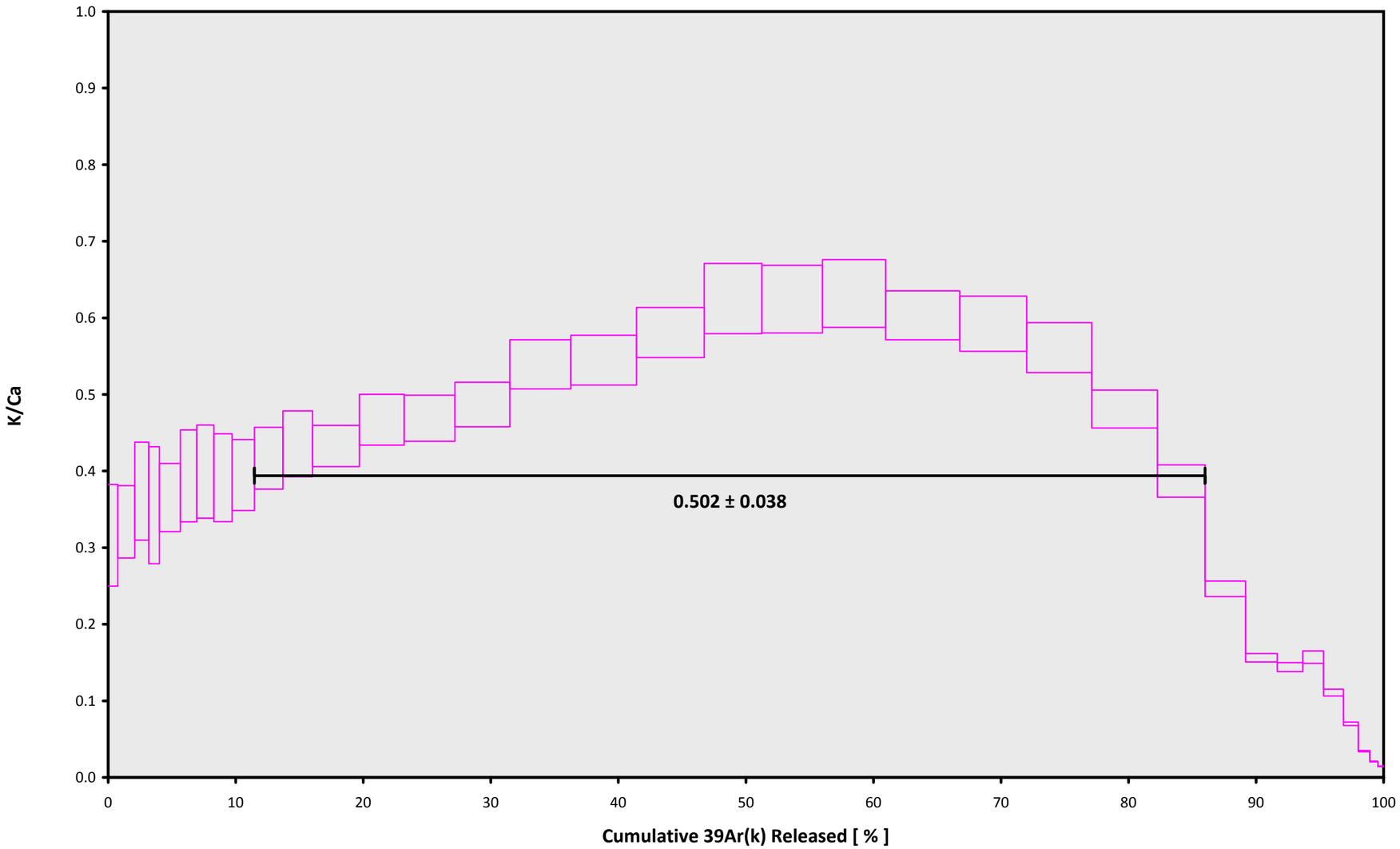
Sample Info

Groundmass
Marquesas Islands
Kevin Konrad

IRR = 14-OSU-04 (R98)
J = 0.00164515 ± 0.00000204

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

15D04578.AGE >>> FH-HV-1 >>> FRENCH POLYNESIA | MARQUESAS (14-INT-06) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU
1515.2 ± 6.4
TOTAL FUSION
1510.6 ± 7.0
NORMAL ISOCHRON
1516.6 ± 17.3
INVERSE ISOCHRON
1515.2 ± 17.5

Sample Info

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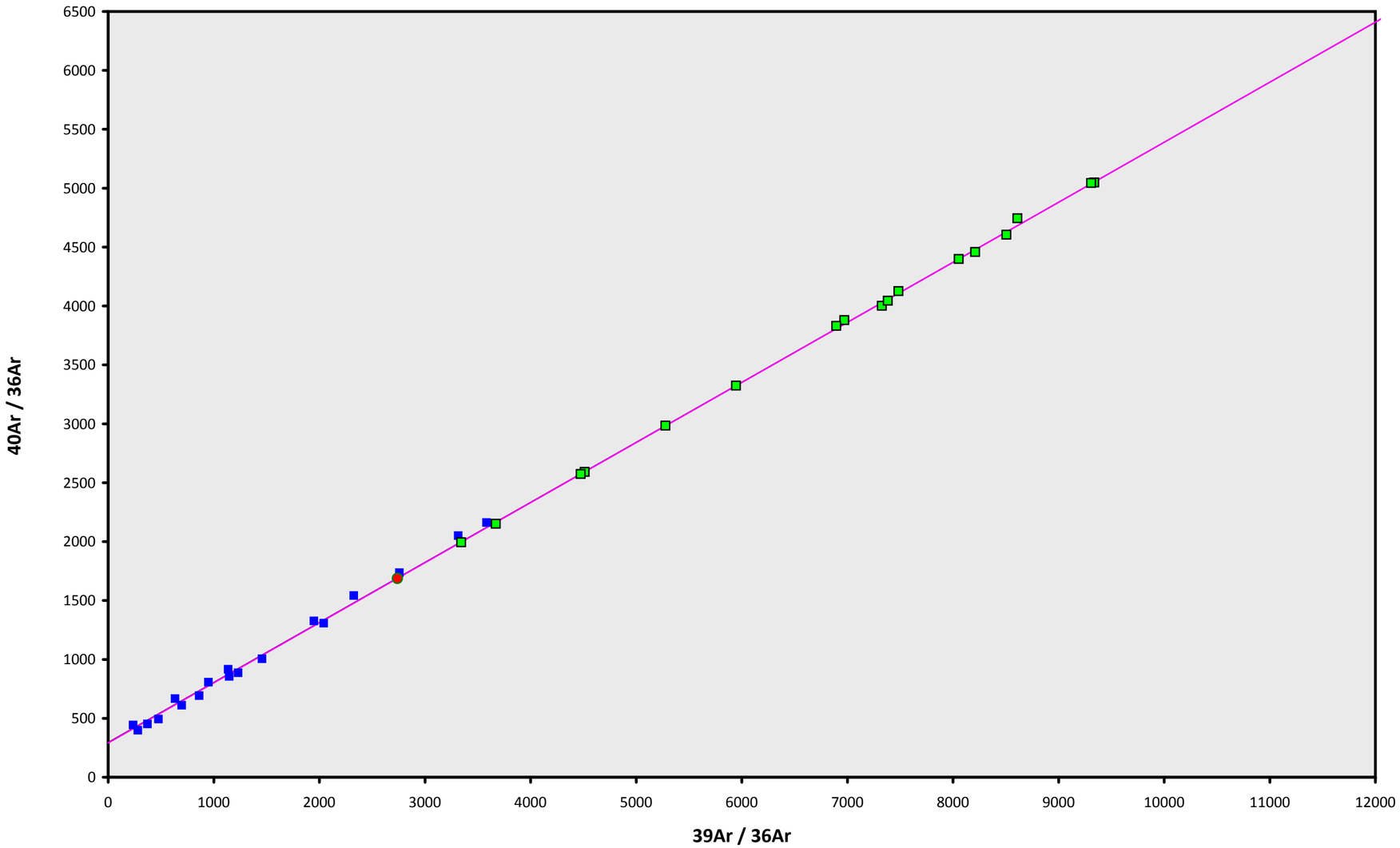
15D04578.AGE >>> FH-HV-1 >>> FRENCH POLYNESIA | MARQUESAS (14-INT-06) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU
1515.2 ± 6.4
TOTAL FUSION
1510.6 ± 7.0
NORMAL ISOCHRON
1516.6 ± 17.3
INVERSE ISOCHRON
1515.2 ± 17.5

MSWD (PROBABILITY)
0.56 (91%)

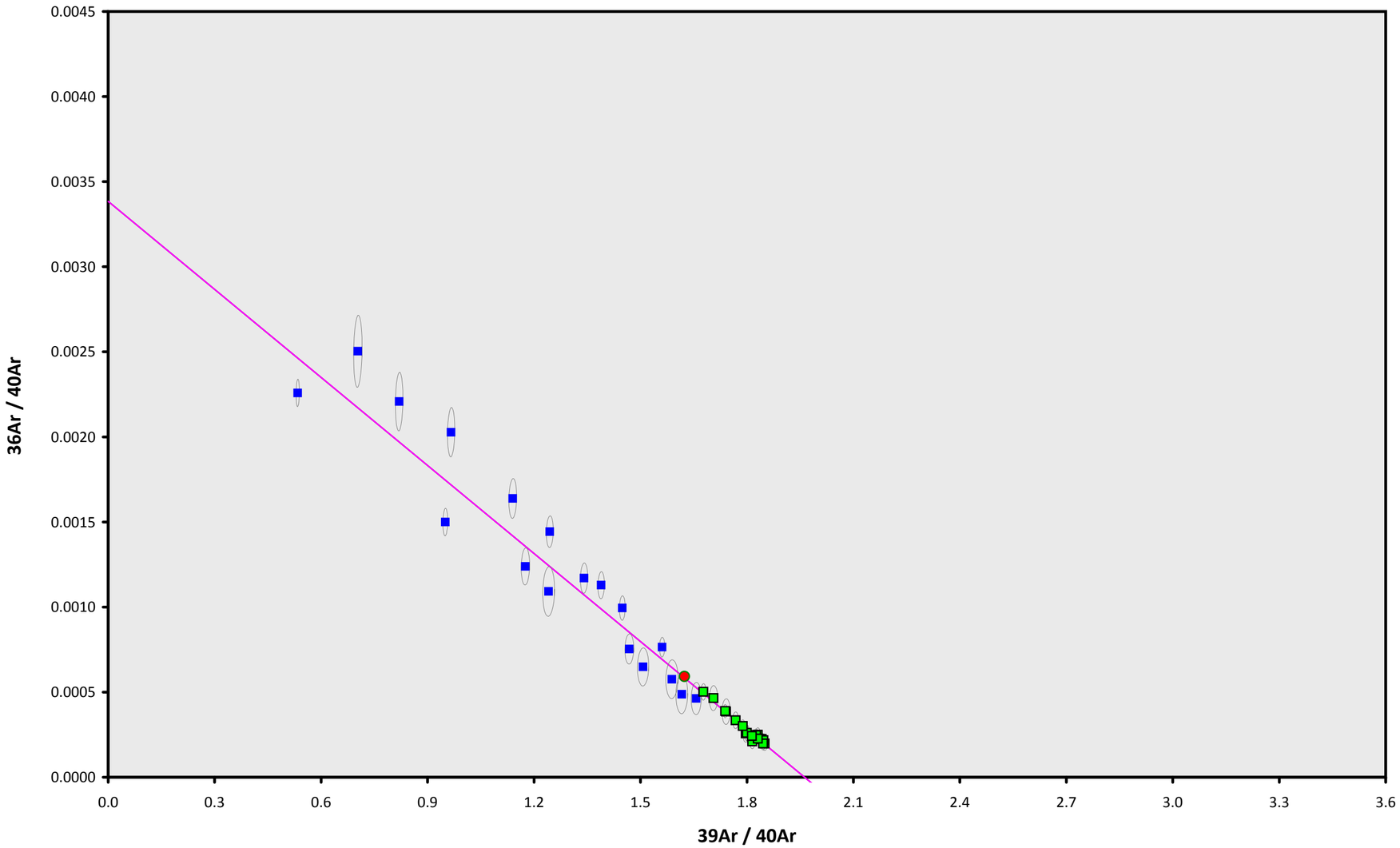
40AR/36AR INTERCEPT
289.9 ± 36.4

Sample Info

Groundmass
Marquesas Islands
Kevin Konrad

IRR = 14-OSU-04 (R98)
J = 0.00164515 ± 0.00000204

15D04578.AGE >>> FH-HV-1 >>> FRENCH POLYNESIA | MARQUESAS (14-INT-06) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU
1515.2 ± 6.4
TOTAL FUSION
1510.6 ± 7.0
NORMAL ISOCHRON
1516.6 ± 17.3
INVERSE ISOCHRON
1515.2 ± 17.5

MSWD (PROBABILITY)
0.63 (86%)

SPREADING FACTOR
8.8%

40AR/36AR INTERCEPT
295.5 ± 37.8

Sample Info

Groundmass
Marquesas Islands
Kevin Konrad

IRR = 14-OSU-04 (R98)
J = 0.00164515 ± 0.00000204