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
15D04485	1.8 %		0.0246066	2.889	8.2414	20.843	0.071142	53.541	4.0743	0.867	8.5035	0.745	0.46031 ± 0.12665	1322.0 ± 363.6	22.03	0.28	0.212 ± 0.089
15D04486	1.9 %		0.0291499	2.502	20.5064	8.629	0.104580	38.512	9.5251	0.372	12.4038	0.502	0.56566 ± 0.05554	1624.5 ± 159.4	43.37	0.66	0.199 ± 0.034
15D04487	2.0 %		0.0160112	4.281	10.9612	16.486	0.044097	85.462	5.6561	0.648	6.8299	0.924	0.52189 ± 0.09044	1498.8 ± 259.6	43.16	0.39	0.222 ± 0.073
15D04489	2.1 %		0.0228997	3.139	21.4708	8.284	0.115592	33.023	9.9509	0.367	17.3358	0.359	1.23122 ± 0.05336	3534.0 ± 153.0	70.57	0.69	0.199 ± 0.033
15D04490	2.2 %		0.0282717	2.499	26.1459	6.390	0.178059	22.343	12.3134	0.299	12.0713	0.517	0.46742 ± 0.04140	1342.5 ± 118.8	47.61	0.85	0.202 ± 0.026
15D04491	2.3 %	✓	0.0230516	3.094	27.6857	6.509	0.161872	24.377	11.2555	0.350	10.7190	0.586	0.53917 ± 0.04662	1548.4 ± 133.8	56.52	0.78	0.175 ± 0.023
15D04493	2.4 %	✓	0.0195267	3.517	23.7855	7.553	0.172796	22.669	10.8005	0.328	9.6066	0.652	0.52719 ± 0.04732	1514.0 ± 135.9	59.18	0.75	0.195 ± 0.029
15D04494	2.6 %	✓	0.0266252	2.623	34.4605	5.153	0.200593	18.847	14.8705	0.257	12.7456	0.484	0.50876 ± 0.03460	1461.1 ± 99.3	59.27	1.03	0.185 ± 0.019
15D04495	2.8 %	✓	0.0271397	2.720	37.1822	4.716	0.262422	14.464	17.0282	0.219	13.7176	0.468	0.50503 ± 0.03129	1450.4 ± 89.8	62.60	1.17	0.197 ± 0.019
15D04497	3.0 %	✓	0.0169929	3.904	24.7829	7.531	0.164924	24.888	10.8420	0.350	8.6213	0.732	0.51046 ± 0.04674	1466.0 ± 134.2	64.10	0.75	0.188 ± 0.028
15D04498	3.2 %	✓	0.0416121	1.834	53.3482	3.283	0.312527	12.828	24.9887	0.167	20.5517	0.312	0.49670 ± 0.02181	1426.5 ± 62.6	60.31	1.72	0.201 ± 0.013
15D04499	3.4 %	✓	0.0405731	1.972	66.5572	2.742	0.368097	10.171	30.8846	0.141	22.4141	0.290	0.50542 ± 0.01845	1451.5 ± 53.0	69.54	2.13	0.199 ± 0.011
15D04501	3.6 %	✓	0.0288595	2.612	51.7421	3.214	0.330314	11.932	24.2943	0.170	17.0370	0.377	0.51632 ± 0.02197	1482.8 ± 63.1	73.52	1.68	0.202 ± 0.013
15D04502	3.9 %	✓	0.0476287	1.654	82.2470	2.203	0.557694	6.888	39.7865	0.121	27.9897	0.227	0.51095 ± 0.01413	1467.4 ± 40.6	72.53	2.75	0.208 ± 0.009
15D04503	4.2 %	✓	0.0451350	1.706	80.3131	2.236	0.530042	7.273	40.4260	0.116	27.6511	0.227	0.50887 ± 0.01365	1461.5 ± 39.2	74.30	2.79	0.216 ± 0.010
15D04505	4.5 %	✓	0.0380570	2.094	72.9667	2.396	0.527906	7.096	38.6477	0.122	25.3999	0.256	0.51336 ± 0.01455	1474.3 ± 41.8	78.01	2.67	0.227 ± 0.011
15D04506	4.8 %	✓	0.0613195	1.400	116.8335	1.680	0.816102	4.933	62.6143	0.096	40.7006	0.161	0.50596 ± 0.00975	1453.1 ± 28.0	77.74	4.32	0.230 ± 0.008
15D04507	5.1 %	✓	0.0640999	1.350	118.8092	1.548	0.868331	4.438	71.3137	0.091	45.9559	0.141	0.50840 ± 0.00848	1460.1 ± 24.4	78.80	4.92	0.258 ± 0.008
15D04509	5.4 %	✓	0.0413882	1.826	76.3244	2.433	0.642607	6.025	53.3137	0.103	32.9609	0.190	0.50005 ± 0.01032	1436.1 ± 29.6	80.80	3.68	0.300 ± 0.015
15D04510	5.8 %	✓	0.0667193	1.300	119.4509	1.615	1.106315	3.600	89.4267	0.086	56.1847	0.113	0.51155 ± 0.00686	1469.1 ± 19.7	81.35	6.17	0.322 ± 0.010
15D04511	6.2 %	✓	0.0627994	1.347	111.1996	1.741	1.135413	3.553	91.4651	0.084	56.1242	0.114	0.50506 ± 0.00660	1450.5 ± 18.9	82.24	6.31	0.353 ± 0.012
15D04513	6.8 %	✓	0.0704824	1.248	114.7451	1.699	1.347217	2.804	107.4166	0.081	65.9849	0.100	0.50318 ± 0.00580	1445.1 ± 16.7	81.85	7.42	0.402 ± 0.014
15D04514	7.4 %	✓	0.0755872	1.297	112.1224	1.678	1.368306	2.711	111.4930	0.082	70.2684	0.094	0.50777 ± 0.00601	1458.3 ± 17.2	80.51	7.70	0.427 ± 0.014
15D04515	8.2 %	✓	0.0802428	1.205	118.8463	1.592	1.488970	2.738	122.0715	0.081	76.2269	0.086	0.50554 ± 0.00544	1451.9 ± 15.6	80.91	8.43	0.441 ± 0.014
15D04517	9.1 %	✓	0.0741093	1.239	100.7484	1.845	1.305768	3.024	99.7071	0.084	64.2718	0.102	0.50328 ± 0.00637	1445.4 ± 18.3	78.02	6.88	0.425 ± 0.016
15D04518	10.1 %	✓	0.0889511	1.101	103.1668	1.817	1.293805	2.874	100.3271	0.084	69.1222	0.093	0.50666 ± 0.00665	1455.1 ± 19.1	73.49	6.93	0.418 ± 0.015
15D04519	11.2 %	✓	0.0951892	1.042	95.7435	2.075	1.121355	3.334	77.8625	0.091	60.0404	0.106	0.50544 ± 0.00873	1451.6 ± 25.1	65.49	5.38	0.349 ± 0.015
15D04521	12.3 %	✓	0.0934843	1.106	78.7110	2.426	0.799258	4.892	49.8379	0.106	46.2810	0.139	0.49747 ± 0.01394	1428.7 ± 40.0	53.51	3.44	0.272 ± 0.013
15D04522	13.5 %		0.1012018	0.944	79.2171	2.235	0.625498	6.210	37.0292	0.124	41.6029	0.152	0.48295 ± 0.01738	1387.0 ± 49.9	42.92	2.55	0.201 ± 0.009
15D04523	14.8 %		0.1277494	0.855	102.0573	1.856	0.584354	6.790	28.7880	0.145	43.2269	0.147	0.46767 ± 0.02515	1343.2 ± 72.2	31.07	1.98	0.121 ± 0.005
15D04525	16.2 %		0.1052419	1.034	100.8453	1.886	0.341974	11.733	16.0928	0.247	31.0021	0.206	0.48468 ± 0.04498	1392.0 ± 129.1	25.05	1.11	0.068 ± 0.003
15D04526	17.7 %		0.0947627	0.990	101.8754	1.819	0.207221	19.555	9.7890	0.361	24.6905	0.251	0.47666 ± 0.06569	1369.0 ± 188.6	18.77	0.67	0.041 ± 0.002
15D04527	19.8 %		0.1058090	0.912	142.2448	1.429	0.139024	26.972	6.4747	0.587	22.7321	0.278	0.40140 ± 0.10429	1152.9 ± 299.5	11.26	0.44	0.019 ± 0.001
15D04529	22.1 %		0.1220023	0.859	186.5499	1.163	0.150780	26.001	4.7997	0.775	23.4063	0.273	0.40872 ± 0.15358	1173.9 ± 441.0	8.16	0.32	0.011 ± 0.000
15D04530	24.5 %		0.1149464	0.932	206.8842	1.042	0.153463	26.064	3.9835	0.922	19.6326	0.323	0.47088 ± 0.18964	1352.4 ± 544.4	9.22	0.27	0.008 ± 0.000
		Σ	2.1222267	0.240	2828.7719	0.389	19.598419	1.176	1449.1506	0.023	1144.0134	0.033					

Information on Analysis and Constants Used in Calculations

Project = **MARQUESAS (14-INT-06)**
Sample = **FH-TOP**
Material = **Groundmass**
Location = **Marquesas Islands**
Region = **French Polynesia**
Analyst = **Kevin Konrad**
Irradiation = **14-OSU-04 (R98)**
Position = **X: 0 | Y: 0 | Z/H: 46.16 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **9.89235 ± 0.01187**
FCT-NM J-value = **0.00158884 ± 0.00000191**
Air Shot 40Ar/36Ar = **303.4260 ± 0.5219**
Air Shot MDF = **0.99346114 ± 0.00071389 (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-TOP**
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		0.50609 ± 0.00196 (± 0.39%)	**1453.5 ± 6.6 (± 0.46%)**	0.64	89.79	0.273 ± 0.034
				90%	23	
		Full External Error ± 33.5		1.60	2σ Confidence Limit	
		Analytical Error ± 5.6		1.0000	Error Magnification	
Total Fusion Age		0.50881 ± 0.00246 (± 0.48%)	**1461.3 ± 7.9 (± 0.54%)**		35	0.220 ± 0.002
		Full External Error ± 33.9				
		Analytical Error ± 7.1				
Normal Isochron	**294.34 ± 9.28 (± 3.15%)**	0.50645 ± 0.00507 (± 1.00%)	**1454.5 ± 15.0 (± 1.03%)**	0.65	89.79	
				89%	23	
		Full External Error ± 36.1		1.62	2σ Confidence Limit	
		Analytical Error ± 14.6		1.0000	Error Magnification	
				52	Number of Iterations	
				0.0000050333	Convergence	
Inverse Isochron	**294.61 ± 9.35 (± 3.17%)**	0.50654 ± 0.00509 (± 1.01%)	**1454.8 ± 15.0 (± 1.03%)**	0.67	89.79	
				86%	23	
		Full External Error ± 36.1		1.62	2σ Confidence Limit	
		Analytical Error ± 14.6		1.0000	Error Magnification	
				3	Number of Iterations	
				0.0010968928	Convergence	
				29%	Spreading Factor	

Notes
The plateau begins with a few low radiogenic Ar steps with erradic apparent ages. The plateau than becomes consistant until the highest temperature steps where the age decreases as a function of high temperature recoil.

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
15D04485	1.8 %		0.0224246	8.2414	0.0205330	4.0688	1.87289	1322.0 ± 363.6	22.03	0.28	0.212 ± 0.089
15D04486	1.9 %		0.0237362	20.5064	0.0000000	9.5113	5.38015	1624.5 ± 159.4	43.37	0.66	0.199 ± 0.034
15D04487	2.0 %		0.0131174	10.9612	0.0000000	5.6488	2.94803	1498.8 ± 259.6	43.16	0.39	0.222 ± 0.073
15D04489	2.1 %		0.0172314	21.4708	0.0000000	9.9364	12.23391	3534.0 ± 153.0	70.57	0.69	0.199 ± 0.033
15D04490	2.2 %		0.0213588	26.1459	0.0337767	12.2958	5.74736	1342.5 ± 118.8	47.61	0.85	0.202 ± 0.026
15D04491	2.3 %	✓	0.0157332	27.6857	0.0306716	11.2368	6.05854	1548.4 ± 133.8	56.52	0.78	0.175 ± 0.023
15D04493	2.4 %	✓	0.0132329	23.7855	0.0472649	10.7845	5.68541	1514.0 ± 135.9	59.18	0.75	0.195 ± 0.029
15D04494	2.6 %	✓	0.0175191	34.4605	0.0278781	14.8473	7.55368	1461.1 ± 99.3	59.27	1.03	0.185 ± 0.019
15D04495	2.8 %	✓	0.0173037	37.1822	0.0651748	17.0031	8.58714	1450.4 ± 89.8	62.60	1.17	0.197 ± 0.019
15D04497	3.0 %	✓	0.0104381	24.7829	0.0394356	10.8254	5.52588	1466.0 ± 134.2	64.10	0.75	0.188 ± 0.028
15D04498	3.2 %	✓	0.0275212	53.3482	0.0226786	24.9528	12.39396	1426.5 ± 62.6	60.31	1.72	0.201 ± 0.013
15D04499	3.4 %	✓	0.0229983	66.5572	0.0119165	30.8398	15.58695	1451.5 ± 53.0	69.54	2.13	0.199 ± 0.011
15D04501	3.6 %	✓	0.0151841	51.7421	0.0506837	24.2595	12.52565	1482.8 ± 63.1	73.52	1.68	0.202 ± 0.013
15D04502	3.9 %	✓	0.0258851	82.2470	0.0995723	39.7312	20.30052	1467.4 ± 40.6	72.53	2.75	0.208 ± 0.009
15D04503	4.2 %	✓	0.0239125	80.3131	0.0650240	40.3720	20.54421	1461.5 ± 39.2	74.30	2.79	0.216 ± 0.010
15D04505	4.5 %	✓	0.0187681	72.9667	0.0841322	38.5986	19.81497	1474.3 ± 41.8	78.01	2.67	0.227 ± 0.011
15D04506	4.8 %	✓	0.0304458	116.8335	0.0971318	62.5357	31.64073	1453.1 ± 28.0	77.74	4.32	0.230 ± 0.008
15D04507	5.1 %	✓	0.0327190	118.8092	0.0499238	71.2338	36.21551	1460.1 ± 24.4	78.80	4.92	0.258 ± 0.008
15D04509	5.4 %	✓	0.0212289	76.3244	0.0314529	53.2623	26.63400	1436.1 ± 29.6	80.80	3.68	0.300 ± 0.015
15D04510	5.8 %	✓	0.0351594	119.4509	0.0813219	89.3464	45.70484	1469.1 ± 19.7	81.35	6.17	0.322 ± 0.010
15D04511	6.2 %	✓	0.0334159	111.1996	0.0876009	91.3903	46.15753	1450.5 ± 18.9	82.24	6.31	0.353 ± 0.012
15D04513	6.8 %	✓	0.0401540	114.7451	0.1165948	107.3394	54.01097	1445.1 ± 16.7	81.85	7.42	0.402 ± 0.014
15D04514	7.4 %	✓	0.0459593	112.1224	0.0902261	111.4176	56.57492	1458.3 ± 17.2	80.51	7.70	0.427 ± 0.014
15D04515	8.2 %	✓	0.0488398	118.8463	0.0899267	121.9915	61.67151	1451.9 ± 15.6	80.91	8.43	0.441 ± 0.014
15D04517	9.1 %	✓	0.0474622	100.7484	0.1616017	99.6393	50.14604	1445.4 ± 18.3	78.02	6.88	0.425 ± 0.016
15D04518	10.1 %	✓	0.0616722	103.1668	0.1399119	100.2577	50.79681	1455.1 ± 19.1	73.49	6.93	0.418 ± 0.015
15D04519	11.2 %	✓	0.0698450	95.7435	0.2216275	77.7981	39.32260	1451.6 ± 25.1	65.49	5.38	0.349 ± 0.015
15D04521	12.3 %	✓	0.0726378	78.7110	0.2180352	49.7849	24.76628	1428.7 ± 40.0	53.51	3.44	0.272 ± 0.013
15D04522	13.5 %		0.0802307	79.2171	0.1886165	36.9759	17.85739	1387.0 ± 49.9	42.92	2.55	0.201 ± 0.009
15D04523	14.8 %		0.1007336	102.0573	0.2372832	28.7193	13.43112	1343.2 ± 72.2	31.07	1.98	0.121 ± 0.005
15D04525	16.2 %		0.0785748	100.8453	0.1435236	16.0249	7.76702	1392.0 ± 129.1	25.05	1.11	0.068 ± 0.003
15D04526	17.7 %		0.0678423	101.8754	0.0825061	9.7205	4.63332	1369.0 ± 188.6	18.77	0.67	0.041 ± 0.002
15D04527	19.8 %		0.0682406	142.2448	0.0517000	6.3790	2.56052	1152.9 ± 299.5	11.26	0.44	0.019 ± 0.001
15D04529	22.1 %		0.0727281	186.5499	0.0814024	4.6741	1.91041	1173.9 ± 441.0	8.16	0.32	0.011 ± 0.000
15D04530	24.5 %		0.0602996	206.8842	0.0955696	3.8443	1.81022	1352.4 ± 544.4	9.22	0.27	0.008 ± 0.000
		Σ	1.3745539	2828.7719	2.8646984	1447.2469	736.37099				

Information on Analysis

Project = **MARQUESAS (14-INT-06)**
Sample = **FH-TOP**
Material = **Groundmass**
Location = **Marquesas Islands**
Region = **French Polynesia**
Analyst = **Kevin Konrad**
Irradiation = **14-OSU-04 (R98)**
J = **0.00158884 ± 0.00000191**
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	0.50609 ± 0.00196 (± 0.39%)	**1453.5 ± 6.6 (± 0.46%)**	0.64	89.79	0.273 ± 0.034
			90%	23	
	Full External Error ± 33.5		1.60	2σ Confidence Limit	
	Analytical Error ± 5.6		1.0000	Error Magnification	
Total Fusion Age	0.50881 ± 0.00246 (± 0.48%)	**1461.3 ± 7.9 (± 0.54%)**		35	0.220 ± 0.002
	Full External Error ± 33.9				
	Analytical Error ± 7.1				

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
15D04485	1.8 %		181.44 ± 14.01	379.02 ± 29.06	0.9557
15D04486	1.9 %		400.71 ± 29.39	522.16 ± 38.46	0.9855
15D04487	2.0 %		430.63 ± 55.12	520.24 ± 66.94	0.9845
15D04489	2.1 %		576.65 ± 57.62	1005.48 ± 100.46	0.9947
15D04490	2.2 %		575.68 ± 45.03	564.59 ± 44.42	0.9884
15D04491	2.3 %	✓	714.21 ± 78.01	680.58 ± 74.61	0.9922
15D04493	2.4 %	✓	814.97 ± 102.96	725.14 ± 91.97	0.9933
15D04494	2.6 %	✓	847.49 ± 81.51	726.67 ± 70.14	0.9935
15D04495	2.8 %	✓	982.63 ± 99.06	791.76 ± 80.08	0.9948
15D04497	3.0 %	✓	1037.10 ± 164.39	824.89 ± 131.18	0.9948
15D04498	3.2 %	✓	906.68 ± 58.87	745.84 ± 48.59	0.9941
15D04499	3.4 %	✓	1340.96 ± 109.00	973.24 ± 79.26	0.9969
15D04501	3.6 %	✓	1597.69 ± 183.65	1120.42 ± 129.01	0.9974
15D04502	3.9 %	✓	1534.91 ± 109.36	1079.76 ± 77.04	0.9974
15D04503	4.2 %	✓	1688.32 ± 127.77	1154.64 ± 87.50	0.9977
15D04505	4.5 %	✓	2056.61 ± 201.93	1351.28 ± 132.82	0.9983
15D04506	4.8 %	✓	2054.00 ± 135.36	1334.75 ± 88.03	0.9984
15D04507	5.1 %	✓	2177.14 ± 132.10	1402.37 ± 85.15	0.9985
15D04509	5.4 %	✓	2508.96 ± 213.02	1550.11 ± 131.70	0.9987
15D04510	5.8 %	✓	2541.18 ± 145.46	1595.43 ± 91.35	0.9988
15D04511	6.2 %	✓	2734.93 ± 161.88	1676.80 ± 99.28	0.9988
15D04513	6.8 %	✓	2673.19 ± 135.73	1640.60 ± 83.32	0.9987
15D04514	7.4 %	✓	2424.27 ± 116.02	1526.48 ± 73.06	0.9986
15D04515	8.2 %	✓	2497.79 ± 111.40	1558.23 ± 69.50	0.9986
15D04517	9.1 %	✓	2099.34 ± 92.20	1352.05 ± 59.40	0.9982
15D04518	10.1 %	✓	1625.65 ± 57.90	1119.16 ± 39.87	0.9975
15D04519	11.2 %	✓	1113.87 ± 35.85	858.50 ± 27.64	0.9962
15D04521	12.3 %	✓	685.39 ± 21.76	636.46 ± 20.24	0.9939
15D04522	13.5 %		460.87 ± 12.27	518.08 ± 13.83	0.9891
15D04523	14.8 %		285.10 ± 6.85	428.83 ± 10.31	0.9851
15D04525	16.2 %		203.94 ± 6.30	394.35 ± 12.14	0.9781
15D04526	17.7 %		143.28 ± 4.59	363.80 ± 11.50	0.9616
15D04527	19.8 %		93.48 ± 3.22	333.02 ± 10.93	0.9247
15D04529	22.1 %		64.27 ± 2.35	321.77 ± 10.71	0.8875
15D04530	24.5 %		63.75 ± 2.84	325.52 ± 13.27	0.8919

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (ka)	MSWD
Normal Isochron	**294.34 ± 9.28 ± 3.15%**	0.50645 ± 0.00507 ± 1.00%	**1454.5 ± 15.0 ± 1.03%**	0.65 89%
			Full External Error ± 36.1	
			Analytical Error ± 14.6	

Statistics				
	2σ Confidence Limit	1.62	Convergence	0.000005033282
	Error Magnification	1.0000	Number of Iterations	52
	Number of Data Points	23	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
15D04485	1.8 %		0.4787180 ± 0.0109636	0.00263839 ± 0.00020231	0.1266
15D04486	1.9 %		0.7673971 ± 0.0095988	0.00191511 ± 0.00014106	0.1095
15D04487	2.0 %		0.8277511 ± 0.0186991	0.00192218 ± 0.00024732	0.1176
15D04489	2.1 %		0.5735045 ± 0.0058978	0.00099455 ± 0.00009936	0.0503
15D04490	2.2 %		1.0196491 ± 0.0122001	0.00177121 ± 0.00013935	0.1140
15D04491	2.3 %	✓	1.0494168 ± 0.0143376	0.00146933 ± 0.00016109	0.0918
15D04493	2.4 %	✓	1.1238819 ± 0.0164191	0.00137904 ± 0.00017491	0.0919
15D04494	2.6 %	✓	1.1662676 ± 0.0128049	0.00137614 ± 0.00013284	0.0887
15D04495	2.8 %	✓	1.2410712 ± 0.0128480	0.00126301 ± 0.00012775	0.0839
15D04497	3.0 %	✓	1.2572498 ± 0.0204350	0.00121228 ± 0.00019279	0.0832
15D04498	3.2 %	✓	1.2156410 ± 0.0086238	0.00134077 ± 0.00008735	0.0847
15D04499	3.4 %	✓	1.3778238 ± 0.0089003	0.00102749 ± 0.00008368	0.0642
15D04501	3.6 %	✓	1.4259757 ± 0.0117990	0.00089252 ± 0.00010277	0.0597
15D04502	3.9 %	✓	1.4215312 ± 0.0073152	0.00092614 ± 0.00006608	0.0561
15D04503	4.2 %	✓	1.4622041 ± 0.0074823	0.00086607 ± 0.00006563	0.0535
15D04505	4.5 %	✓	1.5219716 ± 0.0086403	0.00074004 ± 0.00007274	0.0471
15D04506	4.8 %	✓	1.5388682 ± 0.0057733	0.00074920 ± 0.00004941	0.0420
15D04507	5.1 %	✓	1.5524766 ± 0.0052265	0.00071308 ± 0.00004329	0.0393
15D04509	5.4 %	✓	1.6185646 ± 0.0070104	0.00064511 ± 0.00005481	0.0394
15D04510	5.8 %	✓	1.5927849 ± 0.0045271	0.00062679 ± 0.00003589	0.0316
15D04511	6.2 %	✓	1.6310388 ± 0.0046423	0.00059637 ± 0.00003531	0.0312
15D04513	6.8 %	✓	1.6294040 ± 0.0042152	0.00060953 ± 0.00003096	0.0308
15D04514	7.4 %	✓	1.5881427 ± 0.0039514	0.00065510 ± 0.00003136	0.0295
15D04515	8.2 %	✓	1.6029647 ± 0.0037928	0.00064175 ± 0.00002862	0.0281
15D04517	9.1 %	✓	1.5527126 ± 0.0040901	0.00073962 ± 0.00003250	0.0358
15D04518	10.1 %	✓	1.4525687 ± 0.0036485	0.00089353 ± 0.00003183	0.0392
15D04519	11.2 %	✓	1.2974610 ± 0.0036329	0.00116482 ± 0.00003751	0.0500
15D04521	12.3 %	✓	1.0768794 ± 0.0037659	0.00157120 ± 0.00004997	0.0698
15D04522	13.5 %		0.8895799 ± 0.0034975	0.00193022 ± 0.00005152	0.0883
15D04523	14.8 %		0.6648309 ± 0.0027557	0.00233191 ± 0.00005604	0.0872
15D04525	16.2 %		0.5171681 ± 0.0033377	0.00253583 ± 0.00007807	0.0856
15D04526	17.7 %		0.3938484 ± 0.0034776	0.00274880 ± 0.00008687	0.0901
15D04527	19.8 %		0.2806966 ± 0.0036942	0.00300280 ± 0.00009858	0.0717
15D04529	22.1 %		0.1997345 ± 0.0033641	0.00310783 ± 0.00010346	0.0531
15D04530	24.5 %		0.1958500 ± 0.0039512	0.00307200 ± 0.00012521	0.0506

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (ka)	MSWD
Inverse Isochron	**294.61 ± 9.35**	0.50654 ± 0.00509	**1454.8 ± 15.0**	0.67
	± 3.17%	± 1.01%	**± 1.03%**	86%
			Full External Error ± 36.1	
			Analytical Error ± 14.6	

Statistics				
	2σ Confidence Limit	1.62	Convergence	0.0010968928
	Error Magnification	1.0000	Number of Iterations	3
	Number of Data Points	23	Calculated Line	Weighted York-2
	Spreading Factor	29.5%		

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
15D04485	1.8 %		0.0224246	3.76	0.0000000	0.00	0.0021757	20.84	0.0000063	185.53	8.2414	20.84	0.0041912	3.76	0.0000000	0.00	0.046303	0.87	0.0001146	20.84	0.0205330	185.53	4.0688	0.87	0.0055464	20.84	1.87289	13.73	6.62648	3.76	0.0000000	0.00	0.0041095	0.87
15D04486	1.9 %		0.0237362	3.65	0.0000000	0.00	0.0054137	8.63	0.0000000	0.00	20.5064	8.63	0.0044363	3.65	0.0000000	0.00	0.108238	0.37	0.0002850	8.63	0.0000000	0.00	9.5113	0.37	0.0138008	8.63	5.38015	4.90	7.01406	3.65	0.0000000	0.00	0.0096064	0.37
15D04487	2.0 %		0.0131174	6.37	0.0000000	0.00	0.0028938	16.49	0.0000000	0.00	10.9612	16.49	0.0024516	6.37	0.0000000	0.00	0.064283	0.65	0.0001524	16.49	0.0000000	0.00	5.6488	0.65	0.0073769	16.49	2.94803	8.64	3.87619	6.37	0.0000000	0.00	0.0057052	0.65
15D04489	2.1 %		0.0172314	4.98	0.0000000	0.00	0.0056683	8.28	0.0000000	0.00	21.4708	8.28	0.0032206	4.98	0.0000000	0.00	0.113076	0.37	0.0002984	8.28	0.0000000	0.00	9.9364	0.37	0.0144498	8.28	12.23391	2.14	5.09189	4.98	0.0000000	0.00	0.0100358	0.37
15D04490	2.2 %		0.0213588	3.90	0.0000000	0.00	0.0069025	6.39	0.0000103	117.80	26.1459	6.39	0.0039920	3.90	0.0000000	0.00	0.139927	0.30	0.0003634	6.39	0.0337767	117.81	12.2958	0.30	0.0175962	6.39	5.74736	4.42	6.31153	3.90	0.0000000	0.00	0.0124188	0.30
15D04491	2.3 %	✓	0.0157332	5.45	0.0000000	0.00	0.0073090	6.51	0.0000094	128.67	27.6857	6.51	0.0029405	5.45	0.0000000	0.00	0.127875	0.35	0.0003848	6.51	0.0306716	128.68	11.2368	0.35	0.0186325	6.51	6.05854	4.31	4.64916	5.45	0.0000000	0.00	0.0113492	0.35
15D04493	2.4 %	✓	0.0132329	6.31	0.0000000	0.00	0.0062794	7.55	0.0000145	82.89	23.7855	7.55	0.0024732	6.31	0.0000000	0.00	0.122727	0.33	0.0003306	7.55	0.0472649	82.89	10.7845	0.33	0.0160076	7.55	5.68541	4.48	3.91032	6.31	0.0000000	0.00	0.0108923	0.33
15D04494	2.6 %	✓	0.0175191	4.80	0.0000000	0.00	0.0090976	5.15	0.0000085	135.63	34.4605	5.15	0.0032743	4.80	0.0000000	0.00	0.168962	0.26	0.0004790	5.15	0.0278781	135.64	14.8473	0.26	0.0231919	5.15	7.55368	3.39	5.17690	4.80	0.0000000	0.00	0.0149957	0.26
15D04495	2.8 %	✓	0.0173037	5.04	0.0000000	0.00	0.0098161	4.72	0.0000199	58.25	37.1822	4.72	0.0032341	5.04	0.0000000	0.00	0.193496	0.22	0.0005168	4.72	0.0651748	58.26	17.0031	0.22	0.0250236	4.72	8.58714	3.09	5.11324	5.04	0.0000000	0.00	0.0171732	0.22
15D04497	3.0 %	✓	0.0104381	7.92	0.0000000	0.00	0.0065427	7.53	0.0000121	104.10	24.7829	7.53	0.0019509	7.92	0.0000000	0.00	0.123193	0.35	0.0003445	7.53	0.0394356	104.10	10.8254	0.35	0.0166789	7.53	5.52588	4.56	3.08447	7.92	0.0000000	0.00	0.0109336	0.35
15D04498	3.2 %	✓	0.0275212	3.24	0.0000000	0.00	0.0140839	3.28	0.0000069	176.81	53.3482	3.28	0.0051437	3.24	0.0000000	0.00	0.283963	0.17	0.0007415	3.28	0.0226786	176.81	24.9528	0.17	0.0359034	3.28	12.39396	2.19	8.13252	3.24	0.0000000	0.00	0.0252024	0.17
15D04499	3.4 %	✓	0.0229983	4.06	0.0000000	0.00	0.0175711	2.74	0.0000036	314.21	66.5572	2.74	0.0042984	4.06	0.0000000	0.00	0.350957	0.14	0.0009251	2.74	0.0119165	314.22	30.8398	0.14	0.0447930	2.74	15.58695	1.82	6.79601	4.06	0.0000000	0.00	0.0311482	0.14
15D04501	3.6 %	✓	0.0151841	5.74	0.0000000	0.00	0.0136599	3.21	0.0000155	77.78	51.7421	3.21	0.0028379	5.74	0.0000000	0.00	0.276073	0.17	0.0007192	3.21	0.0506837	77.79	24.2595	0.17	0.0348224	3.21	12.52565	2.12	4.48689	5.74	0.0000000	0.00	0.0245021	0.17
15D04502	3.9 %	✓	0.0258851	3.56	0.0000000	0.00	0.0217132	2.20	0.0000305	38.59	82.2470	2.20	0.0048379	3.56	0.0000000	0.00	0.452141	0.12	0.0011432	2.20	0.0995723	38.61	39.7312	0.12	0.0553522	2.20	20.30052	1.38	7.64904	3.56	0.0000000	0.00	0.0401285	0.12
15D04503	4.2 %	✓	0.0239125	3.78	0.0000000	0.00	0.0212027	2.24	0.0000199	59.30	80.3131	2.24	0.0044692	3.78	0.0000000	0.00	0.459433	0.12	0.0011164	2.24	0.0650240	59.31	40.3720	0.12	0.0540507	2.24	20.54421	1.34	7.06613	3.78	0.0000000	0.00	0.0407757	0.12
15D04505	4.5 %	✓	0.0187681	4.91	0.0000000	0.00	0.0192632	2.40	0.0000257	44.54	72.9667	2.40	0.0035078	4.91	0.0000000	0.00	0.439252	0.12	0.0010142	2.40	0.0841322	44.55	38.5986	0.12	0.0491066	2.40	19.81497	1.41	5.54597	4.91	0.0000000	0.00	0.0389846	0.12
15D04506	4.8 %	✓	0.0304458	3.29	0.0000000	0.00	0.0308440	1.68	0.0000297	41.46	116.8335	1.68	0.0056903	3.29	0.0000000	0.00	0.711656	0.10	0.0016240	1.68	0.0971318	41.47	62.5357	0.10	0.0786289	1.68	31.64073	0.96	8.99673	3.29	0.0000000	0.00	0.0631610	0.10
15D04507	5.1 %	✓	0.0327190	3.03	0.0000000	0.00	0.0313656	1.55	0.0000153	77.22	118.8092	1.55	0.0061152	3.03	0.0000000	0.00	0.810641	0.09	0.0016514	1.55	0.0499238	77.22	71.2338	0.09	0.0799586	1.55	36.21551	0.83	9.66846	3.03	0.0000000	0.00	0.0719461	0.09
15D04509	5.4 %	✓	0.0212289	4.24	0.0000000	0.00	0.0201496	2.43	0.0000096	123.12	76.3244	2.43	0.0039677	4.24	0.0000000	0.00	0.606125	0.10	0.0010609	2.43	0.0314529	123.13	53.2623	0.10	0.0513663	2.43	26.63400	1.03	6.27314	4.24	0.0000000	0.00	0.0537949	0.10
15D04510	5.8 %	✓	0.0351594	2.86	0.0000000	0.00	0.0315350	1.62	0.0000249	48.99	119.4509	1.62	0.0065713	2.86	0.0000000	0.00	1.016762	0.09	0.0016604	1.62	0.0813219	49.00	89.3464	0.09	0.0803905	1.62	45.70484	0.66	10.38959	2.86	0.0000000	0.00	0.0902398	0.09
15D04511	6.2 %	✓	0.0334159	2.96	0.0000000	0.00	0.0293567	1.74	0.0000268	46.08	111.1996	1.74	0.0062454	2.96	0.0000000	0.00	1.040021	0.08	0.0015457	1.74	0.0876009	46.09	91.3903	0.08	0.0748373	1.74	46.15753	0.65	9.87441	2.96	0.0000000	0.00	0.0923042	0.08
15D04513	6.8 %	✓	0.0401540	2.54	0.0000000	0.00	0.0302927	1.70	0.0000357	32.43	114.7451	1.70	0.0075048	2.54	0.0000000	0.00	1.221522	0.08	0.0015950	1.70	0.1165948	32.44	107.3394	0.08	0.0772235	1.70	54.01097	0.57	11.86551	2.54	0.0000000	0.00	0.1084128	0.08
15D04514	7.4 %	✓	0.0459593	2.39	0.0000000	0.00	0.0296003	1.68	0.0000276	41.14	112.1224	1.68	0.0085898	2.39	0.0000000	0.00	1.267932	0.08	0.0015585	1.68	0.0902261	41.15	111.4176	0.08	0.0754584	1.68	56.57492	0.59	13.58097	2.39	0.0000000	0.00	0.1125317	0.08
15D04515	8.2 %	✓	0.0488398	2.23	0.0000000	0.00	0.0313754	1.59	0.0000275	45.37	118.8463	1.59	0.0091282	2.23	0.0000000	0.00	1.388263	0.08	0.0016520	1.59	0.0899267	45.38	121.9915	0.08	0.0799835	1.59	61.67151	0.53	14.43217	2.23	0.0000000	0.00	0.1232114	0.08
15D04517	9.1 %	✓	0.0474622	2.19	0.0000000	0.00	0.0265976	1.85	0.0000495	24.46	100.7484	1.85	0.0088707	2.19	0.0000000	0.00	1.133895	0.08	0.0014004	1.85	0.1616017	24.48	99.6393	0.08	0.0678037	1.85	50.14604	0.63	14.02509	2.19	0.0000000	0.00	0.1006357	0.08
15D04518	10.1 %	✓	0.0616722	1.78	0.0000000	0.00	0.0272360	1.82	0.0000428	26.61	103.1668	1.82	0.0115265	1.78	0.0000000	0.00	1.140932	0.08	0.0014340	1.82	0.1399119	26.62	100.2577	0.08	0.0694312	1.82	50.79681	0.65	18.22413	1.78	0.0000000	0.00	0.1012602	0.08
15D04519	11.2 %	✓	0.0698450	1.61	0.0000000	0.00	0.0252763	2.07	0.0000679	16.90	95.7435	2.07	0.0130540	1.61	0.0000000	0.00	0.885342	0.09	0.0013308	2.07	0.2216275	16.92	77.7981	0.09	0.0644354	2.07	39.32260	0.86	20.63920	1.61	0.0000000	0.00	0.0785761	0.09
15D04521	12.3 %	✓	0.0726378	1.58	0.0000000	0.00	0.0207797	2.43	0.0000668	17.96	78.7110	2.43	0.0135760	1.58	0.0000000	0.00	0.566553	0.11	0.0010941	2.43	0.2180352	17.98	49.7849	0.11	0.0529725	2.43	24.76628	1.40	21.46448	1.58	0.0000000	0.00	0.0502828	0.11
15D04522	13.5 %		0.0802307	1.33	0.0000000	0.00	0.0209133	2.23	0.0000578	20.62	79.2171	2.23	0.0149951	1.33	0.0000000	0.00	0.420786	0.12	0.0011011	2.23	0.1886165	20.64	36.9759	0.12	0.0533131	2.23	17.85739	1.80	23.70818	1.33	0.0000000	0.00	0.0373457	0.12
15D04523	14.8 %		0.1007336	1.19	0.0000000	0.00	0.0269431	1.86	0.0000727	16.75	102.0573	1.86	0.0188271	1.19	0.0000000	0.00	0.326826	0.15	0.0014186	1.86	0.2372832	16.78	28.7193	0.15	0.0686846	1.86	13.43112	2.69	29.76677	1.19	0.0000000	0.00	0.0290065	0.15
15D04525	16.2 %		0.0785748	1.53	0.0000000	0.00	0.0266232	1.89	0.0000440	27.98	100.8453	1.89	0.0146856	1.53	0.0000000	0.00	0.182363	0.25	0.0014017	1.89	0.1435236	27.99	16.0249	0.25	0.0678689	1.89	7.76702	4.63	23.21886	1.53	0.0000000	0.00	0.0161852	0.25
15D04526	17.7 %		0.0678423	1.56	0.0000000	0.00	0.0268951	1.82	0.0000253	49.13	101.8754	1.82	0.0126797	1.56	0.0000000	0.00	0.110619	0.36	0.0014161	1.82	0.0825061	49.14	9.7205	0.36	0.0685621	1.82	4.63332	6.88	20.04741	1.56	0.0000000	0.00	0.0098177	0.36
15D04527	19.8 %		0.0682406	1.62	0.0000000	0.00	0.0375526	1.43	0.0000158	72.54	142.2448	1.43	0.0127542	1.62	0.0000000	0.00	0.072593	0.60	0.0019772	1.43	0.0517000	72.55	6.3790	0.60	0.0957307	1.43	2.56052	12.98	20.16509	1.62	0.0000000	0.00	0.0064428	0.60
15D04529	22.1 %		0.0727281	1.64	0.0000000	0.00	0.0492492	1.16	0.0000249	48.18	186.5499	1.16	0.0135929	1.64	0.0000000	0.00	0.053191	0.80	0.0025930	1.16	0.0814024	48.18	4.6741	0.80	0.1255481	1.16	1.91041	18.77	21.49117	1.64	0.0000000	0.00	0.0047208	0.80
15D04530	24.5 %		0.0602996	2.01	0.0000000	0.00	0.0546174	1.04	0.0000293	41.87	206.8842	1.04	0.0112700	2.01	0.0000000	0.00	0.043748	0.96	0.0028757	1.04	0.0955696	41.88	3.8443	0.96	0.1392331	1.04	1.81022	20.11	17.81854	2.01	0.0000000	0.00	0.0038827	0.96
		Σ	1.3745539	0.43	0.0000000	0.00	0.7467958	0.39	0.0008771	7.70	2828.7719	0.39	0.2569041	0.43	0.0000000	0.00	16.469669	0.02	0.0393199	0.39	2.8646984	7.71	1447.2469	0.02	1.9037635	0.39	736.37099	0.24	406.18066	0.43	0.0000000	0.00	1.4617193	0.02
		Σ							2.1222267	0.31	2828.7719	0.39									19.630592	1.12			1449.1506	0.02							1144.0134	0.22

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
15D04485	1.8 %		2.087078	0.023868	2.022746	0.421968	0.006039	0.000182	188.262	41.306306	1.00133014	4.082E-13
15D04486	1.9 %		1.302227	0.008134	2.152884	0.185942	0.003060	0.000077	188.272	41.314239	1.00133021	5.954E-13
15D04487	2.0 %		1.207526	0.013623	1.937939	0.319728	0.002831	0.000123	188.282	41.322740	1.00133028	3.278E-13
15D04489	2.1 %		1.742142	0.008946	2.157678	0.178923	0.002301	0.000073	188.301	41.338047	1.00133042	8.321E-13
15D04490	2.2 %		0.980337	0.005858	2.123366	0.135833	0.002296	0.000058	188.310	41.345986	1.00133048	5.794E-13
15D04491	2.3 %	✓	0.952341	0.006497	2.459757	0.160332	0.002048	0.000064	188.320	41.353926	1.00133055	5.145E-13
15D04493	2.4 %	✓	0.889463	0.006489	2.202263	0.166482	0.001808	0.000064	188.338	41.368677	1.00133068	4.611E-13
15D04494	2.6 %	✓	0.857107	0.004699	2.317383	0.119563	0.001790	0.000047	188.347	41.376054	1.00133074	6.118E-13
15D04495	2.8 %	✓	0.805580	0.004164	2.183570	0.103094	0.001594	0.000043	188.357	41.384001	1.00133081	6.584E-13
15D04497	3.0 %	✓	0.795172	0.006453	2.285818	0.172331	0.001567	0.000061	188.375	41.398762	1.00133094	4.138E-13
15D04498	3.2 %	✓	0.822438	0.002913	2.134891	0.070173	0.001665	0.000031	188.384	41.406145	1.00133100	9.865E-13
15D04499	3.4 %	✓	0.725738	0.002341	2.155030	0.059178	0.001314	0.000026	188.393	41.413529	1.00133107	1.076E-12
15D04501	3.6 %	✓	0.701278	0.002897	2.129803	0.068541	0.001188	0.000031	188.411	41.428301	1.00133120	8.178E-13
15D04502	3.9 %	✓	0.703497	0.001807	2.067206	0.045602	0.001197	0.000020	188.419	41.435121	1.00133125	1.344E-12
15D04503	4.2 %	✓	0.683993	0.001747	1.986670	0.044476	0.001116	0.000019	188.428	41.442510	1.00133132	1.327E-12
15D04505	4.5 %	✓	0.657216	0.001863	1.887994	0.045302	0.000985	0.000021	188.446	41.456724	1.00133144	1.219E-12
15D04506	4.8 %	✓	0.650021	0.001217	1.865923	0.031403	0.000979	0.000014	188.454	41.463548	1.00133150	1.954E-12
15D04507	5.1 %	✓	0.644419	0.001083	1.666007	0.025841	0.000899	0.000012	188.463	41.470942	1.00133156	2.206E-12
15D04509	5.4 %	✓	0.618245	0.001337	1.431610	0.034858	0.000776	0.000014	188.480	41.484597	1.00133168	1.582E-12
15D04510	5.8 %	✓	0.628276	0.000892	1.335740	0.021608	0.000746	0.000010	188.489	41.491995	1.00133175	2.697E-12
15D04511	6.2 %	✓	0.613614	0.000872	1.215759	0.021193	0.000687	0.000009	188.497	41.498825	1.00133180	2.694E-12
15D04513	6.8 %	✓	0.614289	0.000794	1.068225	0.018169	0.000656	0.000008	188.515	41.513058	1.00133193	3.167E-12
15D04514	7.4 %	✓	0.630250	0.000783	1.005645	0.016900	0.000678	0.000009	188.524	41.520461	1.00133199	3.373E-12
15D04515	8.2 %	✓	0.624445	0.000738	0.973579	0.015522	0.000657	0.000008	188.532	41.527296	1.00133205	3.659E-12
15D04517	9.1 %	✓	0.644606	0.000848	1.010443	0.018664	0.000743	0.000009	188.549	41.541539	1.00133217	3.085E-12
15D04518	10.1 %	✓	0.688968	0.000864	1.028304	0.018699	0.000887	0.000010	188.558	41.548947	1.00133224	3.318E-12
15D04519	11.2 %	✓	0.771107	0.001078	1.229648	0.025539	0.001223	0.000013	188.567	41.555787	1.00133230	2.882E-12
15D04521	12.3 %	✓	0.928631	0.001622	1.579339	0.038352	0.001876	0.000021	188.584	41.570039	1.00133242	2.221E-12
15D04522	13.5 %		1.123516	0.002206	2.139315	0.047878	0.002733	0.000026	188.593	41.577453	1.00133248	1.997E-12
15D04523	14.8 %		1.501561	0.003107	3.545137	0.065982	0.004438	0.000038	188.601	41.584297	1.00133254	2.075E-12
15D04525	16.2 %		1.926458	0.006198	6.266494	0.119178	0.006540	0.000070	188.619	41.598559	1.00133266	1.488E-12
15D04526	17.7 %		2.522267	0.011077	10.407099	0.192978	0.009681	0.000102	188.628	41.605978	1.00133273	1.185E-12
15D04527	19.8 %		3.510886	0.022810	21.969215	0.339484	0.016342	0.000177	188.637	41.613397	1.00133279	1.091E-12
15D04529	22.1 %		4.876666	0.040080	38.867385	0.543195	0.025419	0.000294	188.654	41.627670	1.00133291	1.124E-12
15D04530	24.5 %		4.928459	0.048123	51.934957	0.722634	0.028855	0.000378	188.663	41.635093	1.00133298	9.424E-13

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
15D04485	1.8 %	0.0077266 ± 0.0004799	0.0191818 ± 0.0296284	0.0830194 ± 0.0269218	0.0058205 ± 0.0249682	1.8296016 ± 0.0558977
15D04486	1.9 %	0.0076580 ± 0.0004799	0.0152682 ± 0.0296284	0.0821953 ± 0.0269218	0.0074038 ± 0.0249682	1.8377349 ± 0.0558977
15D04487	2.0 %	0.0076015 ± 0.0004799	0.0111782 ± 0.0296284	0.0820640 ± 0.0269218	0.0184185 ± 0.0249682	1.8474276 ± 0.0558977
15D04489	2.1 %	0.0075360 ± 0.0004799	0.0041709 ± 0.0296284	0.0833736 ± 0.0269218	0.0312621 ± 0.0249682	1.8668717 ± 0.0558977
15D04490	2.2 %	0.0075166 ± 0.0004799	0.0007567 ± 0.0296284	0.0846415 ± 0.0269218	0.0349742 ± 0.0249682	1.8777030 ± 0.0558977
15D04491	2.3 %	0.0075049 ± 0.0004799	0.0024842 ± 0.0296284	0.0861918 ± 0.0269218	0.0370397 ± 0.0249682	1.8888822 ± 0.0558977
15D04493	2.4 %	0.0074977 ± 0.0004799	0.0079895 ± 0.0296284	0.0895394 ± 0.0269218	0.0373791 ± 0.0249682	1.9101774 ± 0.0558977
15D04494	2.6 %	0.0074989 ± 0.0004799	0.0104696 ± 0.0296284	0.0913194 ± 0.0269218	0.0362290 ± 0.0249682	1.9209133 ± 0.0558977
15D04495	2.8 %	0.0075022 ± 0.0004799	0.0129231 ± 0.0296284	0.0932337 ± 0.0269218	0.0342689 ± 0.0249682	1.9324236 ± 0.0558977
15D04497	3.0 %	0.0075099 ± 0.0004799	0.0168508 ± 0.0296284	0.0965858 ± 0.0269218	0.0292873 ± 0.0249682	1.9533701 ± 0.0558977
15D04498	3.2 %	0.0075128 ± 0.0004799	0.0184963 ± 0.0296284	0.0980797 ± 0.0269218	0.0264243 ± 0.0249682	1.9635078 ± 0.0558977
15D04499	3.4 %	0.0075142 ± 0.0004799	0.0199241 ± 0.0296284	0.0994056 ± 0.0269218	0.0234764 ± 0.0249682	1.9733486 ± 0.0558977
15D04501	3.6 %	0.0075101 ± 0.0004799	0.0221171 ± 0.0296284	0.1014414 ± 0.0269218	0.0177414 ± 0.0249682	1.9919533 ± 0.0558977
15D04502	3.9 %	0.0075043 ± 0.0004799	0.0228300 ± 0.0296284	0.1020650 ± 0.0269218	0.0153231 ± 0.0249682	1.9999854 ± 0.0558977
15D04503	4.2 %	0.0074948 ± 0.0004799	0.0233900 ± 0.0296284	0.1024947 ± 0.0269218	0.0129585 ± 0.0249682	2.0082500 ± 0.0558977
15D04505	4.5 %	0.0074664 ± 0.0004799	0.0238563 ± 0.0296284	0.1025676 ± 0.0269218	0.0093562 ± 0.0249682	2.0227766 ± 0.0558977
15D04506	4.8 %	0.0074478 ± 0.0004799	0.0238016 ± 0.0296284	0.1022438 ± 0.0269218	0.0081368 ± 0.0249682	2.0290794 ± 0.0558977
15D04507	5.1 %	0.0074240 ± 0.0004799	0.0235455 ± 0.0296284	0.1016323 ± 0.0269218	0.0072203 ± 0.0249682	2.0354026 ± 0.0558977
15D04509	5.4 %	0.0073705 ± 0.0004799	0.0225596 ± 0.0296284	0.0998183 ± 0.0269218	0.0066594 ± 0.0249682	2.0456838 ± 0.0558977
15D04510	5.8 %	0.0073367 ± 0.0004799	0.0217641 ± 0.0296284	0.0984901 ± 0.0269218	0.0069554 ± 0.0249682	2.0505034 ± 0.0558977
15D04511	6.2 %	0.0073029 ± 0.0004799	0.0208784 ± 0.0296284	0.0970700 ± 0.0269218	0.0075785 ± 0.0249682	2.0544952 ± 0.0558977
15D04513	6.8 %	0.0072261 ± 0.0004799	0.0186093 ± 0.0296284	0.0936048 ± 0.0269218	0.0098173 ± 0.0249682	2.0614619 ± 0.0558977
15D04514	7.4 %	0.0071838 ± 0.0004799	0.0172289 ± 0.0296284	0.0915918 ± 0.0269218	0.0113817 ± 0.0249682	2.0644084 ± 0.0558977
15D04515	8.2 %	0.0071440 ± 0.0004799	0.0158504 ± 0.0296284	0.0896478 ± 0.0269218	0.0129903 ± 0.0249682	2.0667520 ± 0.0558977
15D04517	9.1 %	0.0070617 ± 0.0004799	0.0127171 ± 0.0296284	0.0854877 ± 0.0269218	0.0165427 ± 0.0249682	2.0706088 ± 0.0558977
15D04518	10.1 %	0.0070210 ± 0.0004799	0.0109831 ± 0.0296284	0.0833588 ± 0.0269218	0.0183063 ± 0.0249682	2.0721508 ± 0.0558977
15D04519	11.2 %	0.0069857 ± 0.0004799	0.0093419 ± 0.0296284	0.0814774 ± 0.0269218	0.0197503 ± 0.0249682	2.0733512 ± 0.0558977
15D04521	12.3 %	0.0069236 ± 0.0004799	0.0058745 ± 0.0296284	0.0780334 ± 0.0269218	0.0217189 ± 0.0249682	2.0753731 ± 0.0558977
15D04522	13.5 %	0.0068996 ± 0.0004799	0.0040898 ± 0.0296284	0.0766233 ± 0.0269218	0.0219068 ± 0.0249682	2.0762926 ± 0.0558977
15D04523	14.8 %	0.0068841 ± 0.0004799	0.0024820 ± 0.0296284	0.0756362 ± 0.0269218	0.0213854 ± 0.0249682	2.0771439 ± 0.0558977
15D04525	16.2 %	0.0068774 ± 0.0004799	0.0006514 ± 0.0296284	0.0748302 ± 0.0269218	0.0175165 ± 0.0249682	2.0792086 ± 0.0558977
15D04526	17.7 %	0.0068905 ± 0.0004799	0.0021121 ± 0.0296284	0.0752393 ± 0.0269218	0.0136488 ± 0.0249682	2.0806012 ± 0.0558977
15D04527	19.8 %	0.0069171 ± 0.0004799	0.0034184 ± 0.0296284	0.0763345 ± 0.0269218	0.0082334 ± 0.0249682	2.0823348 ± 0.0558977
15D04529	22.1 %	0.0070132 ± 0.0004799	0.0053798 ± 0.0296284	0.0807292 ± 0.0269218	0.0073784 ± 0.0249682	2.0870026 ± 0.0558977
15D04530	24.5 %	0.0070901 ± 0.0004799	0.0060497 ± 0.0296284	0.0844031 ± 0.0269218	0.0186690 ± 0.0249682	2.0903313 ± 0.0558977

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)
15D04485	1.8 %	0.0310142 ± 0.0004666	0.7884	EXP 150 of 150	0.2147922 ± 0.0279855	0.0031	EXP 150 of 150	0.0128079 ± 0.0262362	0.0030	EXP 150 of 150	4.0482021 ± 0.0244503	0.3194	EXP 150 of 150	10.357758 ± 0.030243	0.9993	EXP 150 of 150
15D04486	1.9 %	0.0352453 ± 0.0004893	0.7609	EXP 150 of 150	0.5018975 ± 0.0296231	0.0110	EXP 149 of 150	0.0210175 ± 0.0292443	0.0009	EXP 150 of 150	9.4429410 ± 0.0238104	0.8522	EXP 150 of 150	14.277541 ± 0.027775	0.9993	EXP 150 of 150
15D04487	2.0 %	0.0227544 ± 0.0004342	0.7965	EXP 150 of 150	0.2712417 ± 0.0309519	0.0008	EXP 150 of 150	0.0385436 ± 0.0256624	0.0102	EXP 150 of 150	5.5933383 ± 0.0261308	0.5211	EXP 150 of 150	8.697175 ± 0.029615	0.9991	EXP 150 of 150
15D04489	2.1 %	0.0292082 ± 0.0004779	0.7291	EXP 150 of 150	0.5133921 ± 0.0298860	0.0236	EXP 149 of 150	0.0307066 ± 0.0263519	0.0011	EXP 149 of 150	9.8415296 ± 0.0252688	0.8544	EXP 150 of 150	19.253003 ± 0.027887	0.9989	EXP 150 of 150
15D04490	2.2 %	0.0342728 ± 0.0004587	0.6971	EXP 150 of 150	0.6207389 ± 0.0260571	0.0006	EXP 150 of 150	0.0910890 ± 0.0285791	0.0043	EXP 150 of 150	12.1818421 ± 0.0251237	0.9008	EXP 149 of 150	13.984039 ± 0.028293	0.9989	EXP 150 of 150
15D04491	2.3 %	0.0293207 ± 0.0004704	0.7178	EXP 150 of 150	0.6538843 ± 0.0305463	0.0412	EXP 150 of 150	0.0735637 ± 0.0281384	0.0037	EXP 150 of 150	11.1301138 ± 0.0289191	0.8298	EXP 150 of 150	12.639031 ± 0.029013	0.9987	EXP 150 of 150
15D04493	2.4 %	0.0259777 ± 0.0004351	0.7338	EXP 150 of 150	0.5557119 ± 0.0303999	0.0173	EXP 150 of 150	0.0809972 ± 0.0277422	0.0091	EXP 149 of 150	10.6783496 ± 0.0234439	0.8785	EXP 150 of 150	11.544675 ± 0.028622	0.9986	EXP 150 of 150
15D04494	2.6 %	0.0326969 ± 0.0004485	0.6549	EXP 150 of 150	0.8060785 ± 0.0295049	0.0695	EXP 150 of 150	0.1066510 ± 0.0258326	0.0041	EXP 150 of 150	14.7175452 ± 0.0265353	0.9193	EXP 150 of 150	14.703474 ± 0.026563	0.9987	EXP 150 of 150
15D04495	2.8 %	0.0331871 ± 0.0005019	0.5959	EXP 150 of 150	0.8679459 ± 0.0286772	0.0193	EXP 150 of 150	0.1657566 ± 0.0260458	0.0148	EXP 150 of 150	16.8602898 ± 0.0245598	0.9481	EXP 149 of 150	15.689782 ± 0.031964	0.9979	EXP 150 of 150
15D04497	3.0 %	0.0235919 ± 0.0004020	0.7178	EXP 150 of 150	0.5700627 ± 0.0326260	0.0127	EXP 150 of 150	0.0661813 ± 0.0302678	0.0015	EXP 150 of 150	10.7276818 ± 0.0270430	0.8719	EXP 150 of 150	10.599674 ± 0.029752	0.9981	EXP 150 of 150
15D04498	3.2 %	0.0468942 ± 0.0005272	0.4692	EXP 150 of 150	1.2446795 ± 0.0280859	0.0606	EXP 150 of 150	0.2103609 ± 0.0289928	0.0000	EXP 150 of 150	24.7662273 ± 0.0278452	0.9714	EXP 150 of 150	22.574825 ± 0.031945	0.9974	EXP 150 of 150
15D04499	3.4 %	0.0459123 ± 0.0005749	0.4571	EXP 150 of 150	1.5557316 ± 0.0301196	0.0642	EXP 150 of 150	0.2638781 ± 0.0252998	0.0001	EXP 150 of 150	30.6187488 ± 0.0275038	0.9804	EXP 150 of 150	24.452500 ± 0.033595	0.9969	EXP 150 of 150
15D04501	3.6 %	0.0348225 ± 0.0005216	0.5238	EXP 150 of 150	1.2023735 ± 0.0249211	0.1259	EXP 150 of 150	0.2245532 ± 0.0280730	0.0115	EXP 150 of 150	24.0859204 ± 0.0274872	0.9709	EXP 150 of 150	19.078438 ± 0.031849	0.9971	EXP 150 of 150
15D04502	3.9 %	0.0525798 ± 0.0005550	0.3797	EXP 150 of 150	1.9232464 ± 0.0288817	0.1750	EXP 149 of 150	0.4483370 ± 0.0266778	0.0792	EXP 149 of 150	39.4589900 ± 0.0291985	0.9875	EXP 150 of 150	30.070890 ± 0.030410	0.9968	EXP 150 of 150
15D04503	4.2 %	0.0502103 ± 0.0005341	0.3785	EXP 150 of 150	1.8765905 ± 0.0284068	0.0979	EXP 150 of 150	0.4206172 ± 0.0268693	0.0201	EXP 150 of 150	40.0958218 ± 0.0269505	0.9894	EXP 150 of 150	29.739605 ± 0.029216	0.9969	EXP 150 of 150
15D04505	4.5 %	0.0434833 ± 0.0005723	0.4418	EXP 150 of 150	1.7017362 ± 0.0270833	0.0798	EXP 150 of 150	0.4184362 ± 0.0253249	0.0367	EXP 150 of 150	38.3350948 ± 0.0282278	0.9873	EXP 150 of 150	27.496399 ± 0.033572	0.9958	EXP 150 of 150
15D04506	4.8 %	0.0654802 ± 0.0006330	0.2021	EXP 150 of 150	2.7387442 ± 0.0319984	0.2348	EXP 150 of 150	0.7031875 ± 0.0291937	0.0711	EXP 150 of 150	62.1148224 ± 0.0304342	0.9945	EXP 150 of 150	42.847795 ± 0.034555	0.9940	EXP 150 of 150
15D04507	5.1 %	0.0680877 ± 0.0006391	0.2061	EXP 150 of 150	2.7852164 ± 0.0274270	0.2027	EXP 150 of 150	0.7553449 ± 0.0268365	0.0160	EXP 150 of 150	70.7469031 ± 0.0305258	0.9957	EXP 150 of 150	48.124669 ± 0.033522	0.9935	EXP 150 of 150
15D04509	5.4 %	0.0465399 ± 0.0005179	0.4513	EXP 150 of 150	1.7812268 ± 0.0306563	0.0361	EXP 150 of 150	0.5343861 ± 0.0271006	0.0049	EXP 150 of 150	52.8886535 ± 0.0301537	0.9926	EXP 150 of 150	35.102257 ± 0.028702	0.9959	EXP 150 of 150
15D04510	5.8 %	0.0704794 ± 0.0006396	0.3118	EXP 150 of 150	2.8007348 ± 0.0306109	0.1552	EXP 150 of 150	0.9933595 ± 0.0285905	0.0310	EXP 150 of 150	88.7180140 ± 0.0332786	0.9968	EXP 150 of 150	58.398206 ± 0.030633	0.9923	EXP 150 of 150
15D04511	6.2 %	0.0667359 ± 0.0006168	0.2770	EXP 150 of 150	2.6062175 ± 0.0313969	0.2347	EXP 150 of 150	1.0234972 ± 0.0292912	0.0255	EXP 150 of 150	90.7397480 ± 0.0313424	0.9973	EXP 150 of 150	58.341600 ± 0.032035	0.9915	EXP 150 of 150
15D04513	6.8 %	0.0739302 ± 0.0006512	0.1699	EXP 150 of 150	2.6913219 ± 0.0315950	0.1514	EXP 150 of 150	1.2359968 ± 0.0257225	0.1140	EXP 150 of 150	106.5638386 ± 0.0324275	0.9979	EXP 150 of 150	68.237832 ± 0.035837	0.9851	EXP 150 of 150
15D04514	7.4 %	0.0787190 ± 0.0007658	0.1704	EXP 150 of 150	2.6302895 ± 0.0294030	0.1408	EXP 150 of 150	1.2588231 ± 0.0247321	0.0373	EXP 150 of 150	110.6066567 ± 0.0353430	0.9977	EXP 150 of 150	72.536725 ± 0.035037	0.9828	EXP 150 of 150
15D04515	8.2 %	0.0830852 ± 0.0007467	0.1335	EXP 150 of 150	2.7899743 ± 0.0292754	0.1918	EXP 150 of 150	1.3798533 ± 0.0298283	0.0134	EXP 150 of 150	121.1004919 ± 0.0385004	0.9977	EXP 150 of 150	78.514826 ± 0.034499	0.9797	EXP 150 of 150
15D04517	9.1 %	0.0771982 ± 0.0006951	0.0966	EXP 150 of 150	2.3650215 ± 0.0293201	0.2357	EXP 150 of 150	1.2032069 ± 0.0281108	0.1096	EXP 150 of 150	98.9080713 ± 0.0342708	0.9973	EXP 150 of 150	66.528866 ± 0.034122	0.9840	EXP 150 of 150
15D04518	10.1 %	0.0912037 ± 0.0007532	0.1198	EXP 150 of 150	2.4233973 ± 0.0296837	0.0752	EXP 150 of 150	1.1935287 ± 0.0248788	0.0261	EXP 150 of 150	99.5214141 ± 0.0348555	0.9972	EXP 150 of 150	71.394926 ± 0.032768	0.9823	EXP 150 of 150
15D04519	11.2 %	0.0970721 ± 0.0007624	0.0359	EXP 150 of 150	2.2495032 ± 0.0339075	0.1029	EXP 150 of 150	1.0252152 ± 0.0251824	0.0884	EXP 150 of 150	77.2317172 ± 0.0355229	0.9951	EXP 150 of 150	62.287952 ± 0.030897	0.9875	EXP 149 of 150
15D04521	12.3 %	0.0953965 ± 0.0008128	0.0130	EXP 150 of 150	1.8504911 ± 0.0321901	0.0601	EXP 149 of 150	0.7107739 ± 0.0276243	0.0722	EXP 150 of 150	49.4250611 ± 0.0290201	0.9919	EXP 150 of 150	48.490707 ± 0.032353	0.9892	EXP 150 of 150
15D04522	13.5 %	0.1026764 ± 0.0007132	0.0170	EXP 150 of 150	1.8638805 ± 0.0273632	0.1562	EXP 150 of 150	0.5406965 ± 0.0272788	0.0284	EXP 150 of 150	36.7166877 ± 0.0276663	0.9869	EXP 150 of 150	43.799932 ± 0.029988	0.9917	EXP 150 of 150
15D04523	14.8 %	0.1277853 ± 0.0008443	0.1307	EXP 150 of 150	2.4036720 ± 0.0303874	0.1466	EXP 150 of 150	0.5010774 ± 0.0284276	0.0343	EXP 150 of 150	28.5406530 ± 0.0260712	0.9807	EXP 150 of 150	45.429473 ± 0.030835	0.9906	EXP 149 of 150
15D04525	16.2 %	0.1064777 ± 0.0008634	0.0009	EXP 150 of 150	2.3774151 ± 0.0307164	0.2181	EXP 150 of 150	0.2626727 ± 0.0290373	0.0029	EXP 150 of 150	15.9489565 ± 0.0282998	0.9263	EXP 150 of 150	33.171233 ± 0.031350	0.9923	EXP 150 of 150
15D04526	17.7 %	0.0965733 ± 0.0006997	0.0008	EXP 150 of 150	2.4027257 ± 0.0289398	0.2238	EXP 150 of 150	0.1292720 ± 0.0295717	0.0011	EXP 150 of 150	9.6985509 ± 0.0235595	0.8517	EXP 150 of 150	26.842794 ± 0.026925	0.9950	EXP 150 of 150
15D04527	19.8 %	0.1070541 ± 0.0007191	0.0375	EXP 149 of 150	3.3547075 ± 0.0323139	0.2762	EXP 150 of 150	0.0608721 ± 0.0253905	0.0047	EXP 149 of 150	6.4156820 ± 0.0278882	0.6354	EXP 150 of 150	24.880349 ± 0.029982	0.9939	EXP 150 of 150
15D04529	22.1 %	0.1224753 ± 0.0007991	0.0428	EXP 150 of 150	4.3989918 ± 0.0330401	0.3241	EXP 150 of 150	0.0680789 ± 0.0277887	0.0019	EXP 149 of 150	4.7693599 ± 0.0269784	0.3811	EXP 150 of 150	25.561225 ± 0.031269	0.9927	EXP 150 of 150
15D04530	24.5 %	0.1158746 ± 0.0008345	0.0468	EXP 150 of 150	4.8777051 ± 0.0302218	0.4771	EXP 150 of 150	0.0670536 ± 0.0288697	0.0003	EXP 150 of 150	3.9709292 ± 0.0263694	0.3648	EXP 150 of 150	21.779944 ± 0.030144	0.9939	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
15D04485	1.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04486	1.9 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04487	2.0 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04489	2.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04490	2.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04491	2.3 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04493	2.4 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04494	2.6 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04495	2.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04497	3.0 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04498	3.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04499	3.4 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04501	3.6 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04502	3.9 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04503	4.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04505	4.5 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04506	4.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04507	5.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04509	5.4 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04510	5.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04511	6.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04513	6.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04514	7.4 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04515	8.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04517	9.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04518	10.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04519	11.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04521	12.3 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04522	13.5 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04523	14.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04525	16.2 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04526	17.7 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04527	19.8 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04529	22.1 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	01
15D04530	24.5 %	Kevin Konrad	14-OSU-04	0.00	0.00	46.16	rench Polynesia\Marquesas (14-INT-0€	15D04484	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
15D04485	1.8 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	10	FEB	2015	22	17	1
15D04486	1.9 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	10	FEB	2015	22	31	1
15D04487	2.0 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	10	FEB	2015	22	46	1
15D04489	2.1 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	10	FEB	2015	23	13	1
15D04490	2.2 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	10	FEB	2015	23	27	1
15D04491	2.3 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	10	FEB	2015	23	41	1
15D04493	2.4 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	0	7	1
15D04494	2.6 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	0	20	1
15D04495	2.8 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	0	34	1
15D04497	3.0 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	1	0	1
15D04498	3.2 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	1	13	1
15D04499	3.4 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	1	26	1
15D04501	3.6 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	1	52	1
15D04502	3.9 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	2	4	1
15D04503	4.2 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	2	17	1
15D04505	4.5 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	2	42	1
15D04506	4.8 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	2	54	1
15D04507	5.1 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	3	7	1
15D04509	5.4 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	3	31	1
15D04510	5.8 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	3	44	1
15D04511	6.2 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	3	56	1
15D04513	6.8 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	4	21	1
15D04514	7.4 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	4	34	1
15D04515	8.2 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	4	46	1
15D04517	9.1 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	5	11	1
15D04518	10.1 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	5	24	1
15D04519	11.2 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	5	36	1
15D04521	12.3 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	6	1	1
15D04522	13.5 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	6	14	1
15D04523	14.8 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	6	26	1
15D04525	16.2 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	6	51	1
15D04526	17.7 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	7	4	1
15D04527	19.8 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	7	17	1
15D04529	22.1 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	7	42	1
15D04530	24.5 %	FH-TOP	Groundmass	Marquesas Islands	CT-NM (R98) (4C26-14	28.201	0.082	Kuiper et al (2008)	9.89235	0.12	0.00158884	0.120	303.426	0.172	0.99346114	0.072	1	4.8E-14	11	FEB	2015	7	55	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
15D04485	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
15D04486	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
15D04487	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
15D04489	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
15D04490	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
15D04491	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
15D04493	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
15D04494	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
15D04495	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
15D04497	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
15D04498	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
15D04499	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
15D04501	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
15D04502	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
15D04503	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
15D04505	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
15D04506	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
15D04507	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
15D04509	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
15D04510	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
15D04511	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
15D04513	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
15D04514	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
15D04515	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
15D04517	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
15D04518	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
15D04519	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
15D04521	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
15D04522	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
15D04523	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
15D04525	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
15D04526	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
15D04527	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
15D04529	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
15D04530	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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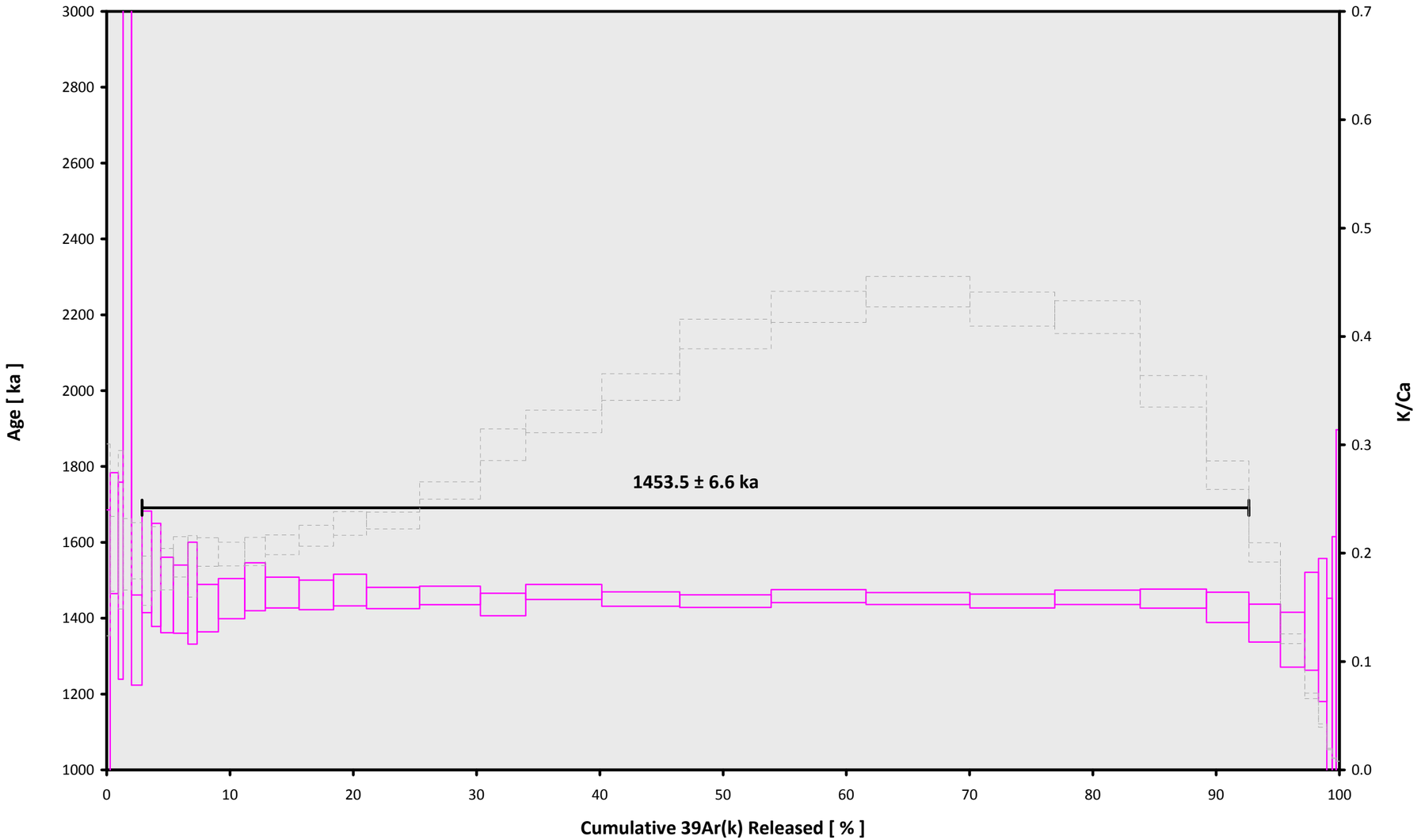


Ar-Ages in ka

WEIGHTED PLATEAU
1453.5 ± 6.6
TOTAL FUSION
1461.3 ± 7.9
NORMAL ISOCHRON
1454.5 ± 15.0
INVERSE ISOCHRON
1454.8 ± 15.0

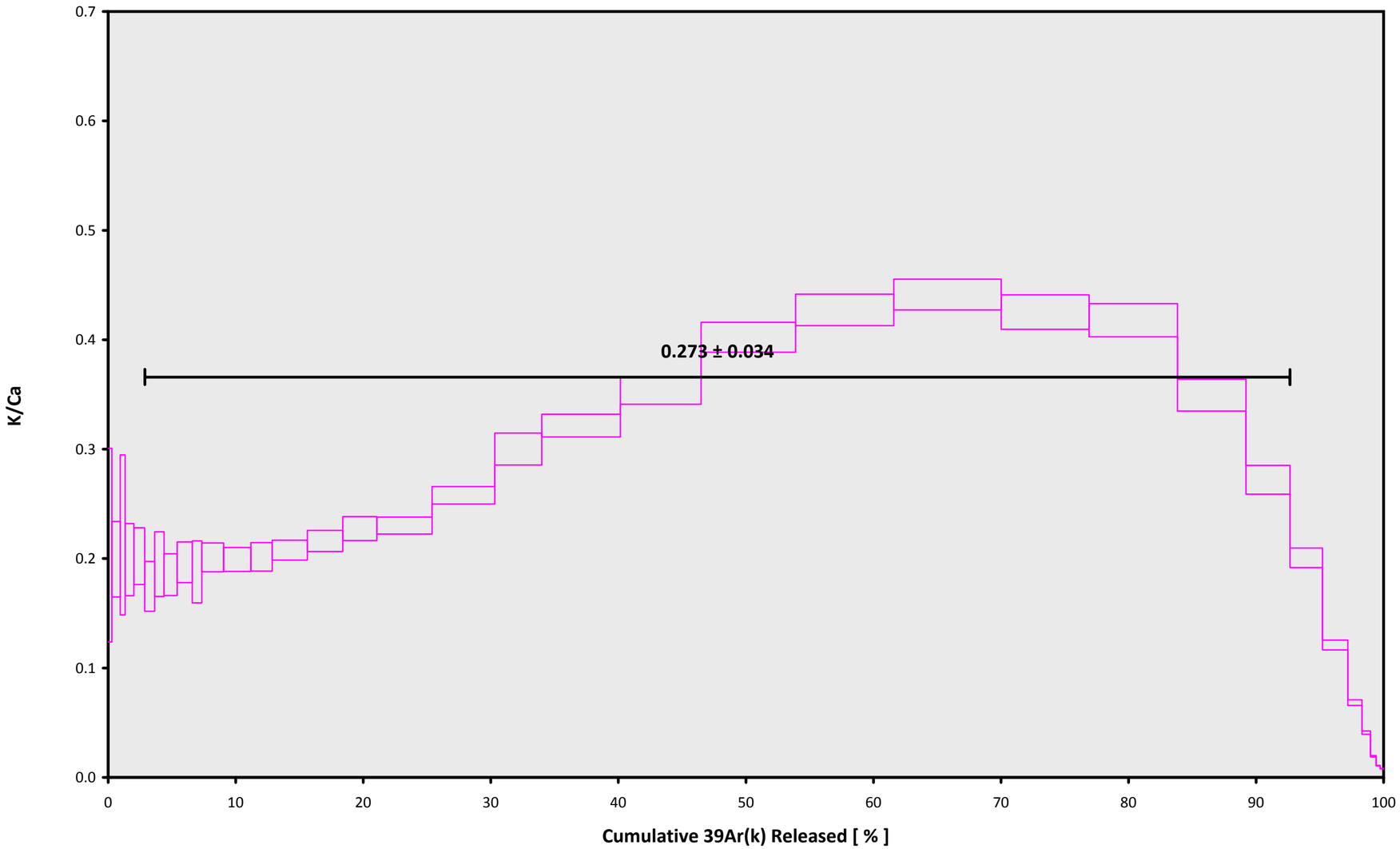
MSWD (PROBABILITY)
0.64 (90%)

Sample Info

Groundmass
Marquesas Islands
Kevin Konrad

IRR = 14-OSU-04 (R98)
J = 0.00158884 ± 0.00000191

15D04484.AGE >>> FH-TOP >>> FRENCH POLYNESIA | MARQUESAS (14-INT-06) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU
1453.5 ± 6.6
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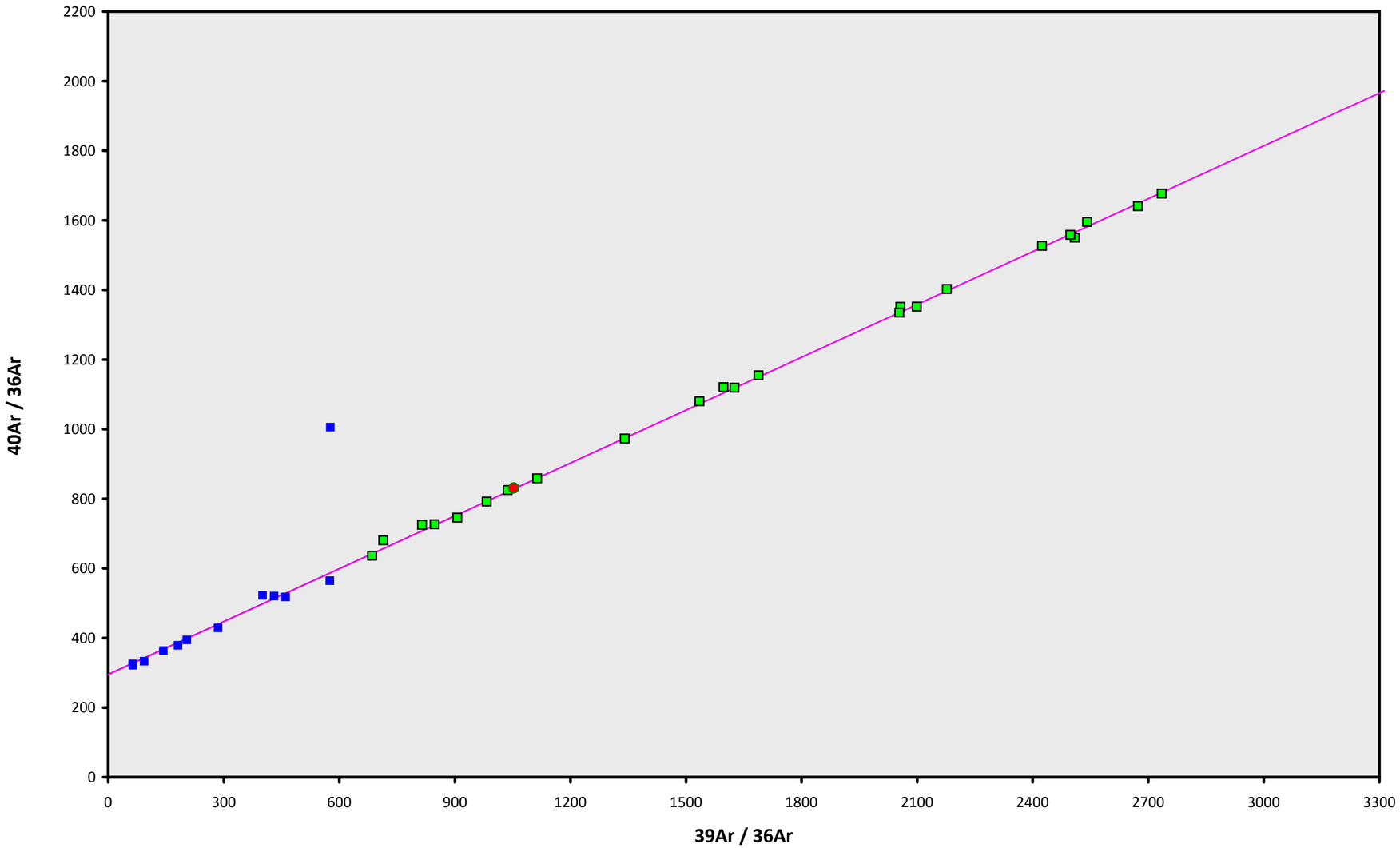
15D04484.AGE >>> FH-TOP >>> FRENCH POLYNESIA | MARQUESAS (14-INT-06) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU
1453.5 ± 6.6
TOTAL FUSION
1461.3 ± 7.9
NORMAL ISOCHRON
1454.5 ± 15.0
INVERSE ISOCHRON
1454.8 ± 15.0

MSWD (PROBABILITY)
0.65 (89%)

40AR/36AR INTERCEPT
294.3 ± 9.3

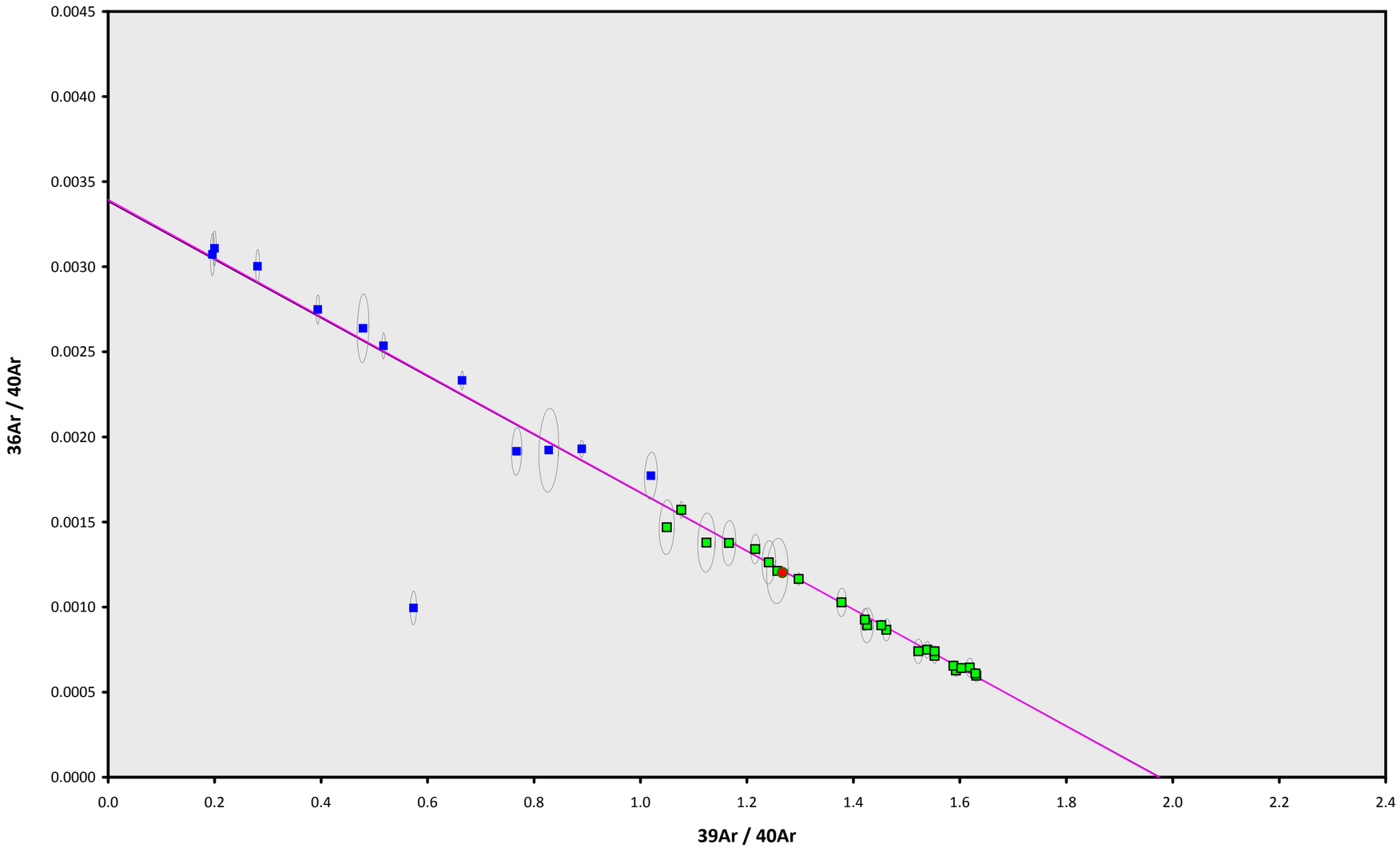
Sample Info

Groundmass
Marquesas Islands
Kevin Konrad

IRR = 14-OSU-04 (R98)
J = 0.00158884 ± 0.00000191

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

15D04484.AGE >>> FH-TOP >>> FRENCH POLYNESIA | MARQUESAS (14-INT-06) PROJECT



Ar-Ages in ka

WEIGHTED PLATEAU
1453.5 ± 6.6
TOTAL FUSION
1461.3 ± 7.9
NORMAL ISOCHRON
1454.5 ± 15.0
INVERSE ISOCHRON
1454.8 ± 15.0

MSWD (PROBABILITY)
0.67 (86%)

SPREADING FACTOR
29.5%

40AR/36AR INTERCEPT
294.6 ± 9.3

Sample Info

Groundmass
Marquesas Islands
Kevin Konrad

IRR = 14-OSU-04 (R98)
J = 0.00158884 ± 0.00000191