Relative Abundances			36Ar [fA]	%1σ	37Ar [fA]	%1σ	38Ar [fA]	%1σ	39Ar [fA]	%1σ	40Ar [fA]	%1σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
16D01821	1.8 %		0.1512034	0.631	45.0952	1.185	0.1997063	12.063	11.904235	0.213	287.8356	0.025	20.77354 ± 0.10173	63.65 ± 0.31	85.69	20.42	0.1132 ± 0.0027
16D01823	1.9 %	✓	0.0132078	3.466	14.0263	3.364	0.0650125	38.379	2.880035	0.778	60.9366	0.113	20.24988 ± 0.33449	62.07 ± 1.01	95.39	4.94	0.0880 ± 0.0061
16D01824	2.0 %	✓	0.0115571	3.952	14.8808	3.278	0.0269789	88.696	2.768913	0.833	57.6497	0.120	20.07897 ± 0.35443	61.56 ± 1.07	96.09	4.74	0.0797 ± 0.0054
16D01825	2.1 %	✓	0.0053902	8.177	9.1447	5.090	0.0258726	91.119	1.627776	1.399	32.8363	0.208	19.70728 ± 0.58417	60.44 ± 1.76	97.32	2.79	0.0763 ± 0.0081
16D01827	2.2 %	✓	0.0049320	8.846	9.1811	4.942	0.0290737	77.575	1.462041	1.602	29.5141	0.233	19.76481 ± 0.66856	60.61 ± 2.02	97.49	2.50	0.0682 ± 0.0071
16D01828	2.3 %	✓	0.0045252	9.357	10.3022	4.613	0.0002321	########	1.497568	1.555	30.9329	0.221	20.39481 ± 0.66727	62.51 ± 2.01	98.28	2.56	0.0622 ± 0.0061
16D01829	2.4 %	✓	0.0052403	8.423	12.4362	3.906	0.0358267	66.886	1.743983	1.253	35.8688	0.191	20.33509 ± 0.54127	62.33 ± 1.63	98.40	2.98	0.0600 ± 0.0049
16D01831	2.5 %	✓	0.0034161	12.861	8.1935	5.719	0.0068172	348.782	1.108765	2.082	22.2218	0.307	19.80810 ± 0.87335	60.74 ± 2.63	98.34	1.90	0.0579 ± 0.0071
16D01832	2.6 %	✓	0.0050873	8.686	12.4084	3.715	0.0444378	57.084	1.525603	1.511	31.3875	0.218	20.33763 ± 0.64973	62.34 ± 1.96	98.31	2.61	0.0526 ± 0.0042
16D01833	2.7 %	✓	0.0038173	11.379	9.3951	5.350	0.0068653	354.727	1.148770	2.022	23.7309	0.290	20.42837 ± 0.87178	62.61 ± 2.63	98.34	1.96	0.0523 ± 0.0060
16D01835	2.8 %	✓	0.0037323	11.288	10.6287	4.368	0.0166004	141.876	1.314535	1.733	26.4452	0.260	20.02037 ± 0.73297	61.38 ± 2.21	98.97	2.25	0.0529 ± 0.0050
16D01836	2.9 %	✓	0.0029853	14.079	7.4891	5.958	0.0239027	96.616	0.866961	2.612	18.0294	0.380	20.57456 ± 1.13310	63.05 ± 3.41	98.36	1.48	0.0495 ± 0.0064
16D01837	3.0 %	✓	0.0040231	10.558	9.9056	4.643	0.0017597	1339.499	1.142153	2.005	22.9871	0.297	19.88044 ± 0.84305	60.96 ± 2.54	98.20	1.95	0.0493 ± 0.0050
16D01839	3.2 %	✓	0.0048112	8.897	10.6854	4.442	0.0233791	102.389	1.157317	1.998	23.5877	0.290	20.00096 ± 0.84469	61.32 ± 2.55	97.52	1.98	0.0463 ± 0.0045
16D01840	3.4 %	✓	0.0031202	13.760	7.8507	5.968	0.0049914	471.073	0.863414	2.720	17.3037	0.393	19.80650 ± 1.13833	60.74 ± 3.43	98.22	1.48	0.0470 ± 0.0062
16D01841	3.6 %	✓	0.0034265	12.650	8.2590	5.788	0.0219153	108.791	0.893007	2.590	17.6593	0.384	19.48775 ± 1.07041	59.77 ± 3.23	97.93	1.53	0.0462 ± 0.0059
16D01843	3.8 %	✓	0.0118246	3.862	12.7241	3.914	0.0037982	644.237	1.527476	1.574	32.3351	0.211	19.64369 ± 0.65510	60.24 ± 1.98	92.27	2.61	0.0513 ± 0.0043
16D01844	4.0 %		0.0061708	7.081	10.9584	4.540	0.0005594	4185.452	1.216814	1.929	24.0521	0.285	19.08895 ± 0.78205	58.57 ± 2.36	95.98	2.08	0.0475 ± 0.0047
16D01845	4.3 %		0.0045400	9.633	8.9309	5.164	0.0076419	325.390	0.996265	2.289	19.9401	0.342	19.48788 ± 0.94786	59.77 ± 2.86	96.78	1.70	0.0477 ± 0.0054
16D01847	4.6 %		0.0055283	7.663	12.2687	3.846	0.0221245	109.255	1.444941	1.491	28.3961	0.239	19.29674 ± 0.61409	59.20 ± 1.85	97.63	2.47	0.0504 ± 0.0042
16D01848	4.9 %		0.0056215	7.911	13.0963	3.674	0.0017409	1379.699	1.505969	1.566	29.1300	0.234	19.03233 ± 0.63347	58.40 ± 1.91	97.82	2.57	0.0492 ± 0.0039
16D01849	5.2 %		0.0057677	7.646	13.2968	3.556	0.0104242	245.866	1.307037	1.772	25.5234	0.268	19.15206 ± 0.72230	58.76 ± 2.18	97.40	2.23	0.0420 ± 0.0033
16D01851	5.5 %		0.0068702	6.264	15.8395	2.991	0.0384604	61.732	1.441229	1.589	27.6723	0.248	18.79345 ± 0.63681	57.68 ± 1.92	97.15	2.46	0.0388 ± 0.0026
16D01852	5.8 %		0.0074063	5.777	19.3283	2.507	0.0274188	85.753	1.589638	1.505	30.1521	0.228	18.69803 ± 0.59810	57.39 ± 1.81	97.77	2.71	0.0351 ± 0.0021
16D01853	6.2 %		0.0104718	4.304	28.1430	1.777	0.0212296	116.158	1.845660	1.276	34.2884	0.199	18.28577 ± 0.50112	56.14 ± 1.51	97.41	3.14	0.0279 ± 0.0012
16D01855	6.6 %		0.0150614	3.042	44.7702	1.146	0.0569539	40.144	2.193002	1.106	41.0541	0.168	18.55047 ± 0.44078	56.94 ± 1.33	97.73	3.72	0.0208 ± 0.0007
16D01856	7.0 %		0.0182992	2.637	53.4547	1.021	0.0538312	44.325	1.916092	1.242	35.2061	0.195	18.08522 ± 0.49011	55.54 ± 1.48	96.57	3.23	0.0151 ± 0.0005
16D01857	7.6 %		0.0180856	2.640	57.5105	1.005	0.0259968	90.449	1.462631	1.541	26.4463	0.259	17.99615 ± 0.61468	55.27 ± 1.86	96.88	2.45	0.0106 ± 0.0004
16D01859	8.3 %		0.0201317	2.423	64.0366	0.915	0.0348334	68.905	1.362070	1.770	23.9142	0.289	17.44026 ± 0.68616	53.59 ± 2.08	96.18	2.27	0.0089 ± 0.0004
16D01860	9.0 %		0.0170602	2.776	54.8590	1.032	0.0224287	108.942	0.870599	2.708	16.0186	0.425	18.34549 ± 1.10863	56.32 ± 3.35	95.46	1.43	0.0065 ± 0.0004
16D01861	9.8 %		0.0152495	3.025	50.9460	1.035	0.0068487	347.792	0.598189	3.775	10.7965	0.634	18.26483 ± 1.56764	56.08 ± 4.74	95.37	0.97	0.0048 ± 0.0004
16D01863	11.0 %		0.0373955	1.509	132.6029	0.588	0.0019480	1239.427	0.940144	2.318	15.6551	0.437	17.67802 ± 1.01248	54.31 ± 3.06	96.05	1.46	0.0028 ± 0.0001
16D01864	13.0 %		0.0605212	1.056	215.1554	0.521	0.0394380	57.068	1.061897	2.167	17.2886	0.390	17.82024 ± 1.01917	54.74 ± 3.08	94.47	1.58	0.0018 ± 0.0001
16D01865	15.5 %		0.0550876	1.097	190.4263	0.539	0.0073009	312.921	0.881774	2.766	14.8461	0.459	17.99153 ± 1.29353	55.25 ± 3.91	91.27	1.30	0.0017 ± 0.0001
16D01867	18.5 %		0.0335614	1.622	111.2729	0.644	0.0297981	79.515	0.631956	3.619	11.6372	0.585	18.81337 ± 1.68254	57.74 ± 5.08	90.01	0.96	0.0022 ± 0.0002
16D01868	21.5 %		0.0102328	4.407	30.0753	1.593	0.0263172	86.465	0.244901	9.472	5.1846	1.307	20.16234 ± 4.38645	61.81 ± 13.22	87.34	0.39	0.0032 ± 0.0007
16D01870	24.5 %		0.0039776	10.865	9.3312	4.875	0.0254836	92.016	0.116072	19.629	2.4643	2.765	18.44336 ± 8.12491	56.62 ± 24.56	82.15	0.19	0.0051 ± 0.0022
	Σ		0.5993398	0.490	1348.9090	0.250	0.9172358	15.817	59.059434	0.239	1210.9279	0.034					

Information on Analysis and Constants Used in Calculations

Project = **RURUTU (13-INT-08)**
Sample = **RR1310-D03-23**
Material = **Groundmass**
Location = **Rurutu Hotspot**
Region = **Tuvalu**
Analyst = **Kevin Konrad**
Irradiation = **15-OSU-04 (4A26-15)**
Position = **X: 0 | Y: 0 | Z/H: 35.82 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **9.11395 ± 0.01467**
FCT-NM J-value = **0.00172454 ± 0.00000278**
Air Shot 40Ar/36Ar = **303.3750 ± 0.5036**
Air Shot MDF = **0.99350212 ± 0.00070551 (LIN)**
Experiment Type = **Incremental Heating**
Extraction Method = **Bulk Laser Heating**
Heating = **77 sec**
Isolation = **3.00 min**
Instrument = **ARGUS-VI-D**
Preferred Age = **Plateau Age**
Age Classification = **Eruption Age**
IGSN = **IEKK1-RR1310-D03-23GM**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Basalt**
Lat-Lon = **4°44.8'S - 176°36.2'E**

Age Equations = **Min et al. (2000)**
Negative Intensities = **Allowed**
Collector Calibrations = **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) = **0.0006756 ± 0.0000089**
Production 38/37(ca) = **0.0000718 ± 0.0000092**
Production 36/37(ca) = **0.0002663 ± 0.0000004**
Production 40/39(k) = **0.003823 ± 0.000102**
Production 38/39(k) = **0.012031 ± 0.000019**
Production 36/38(cl) = **262.80 ± 1.71**
Scaling Ratio K/Ca = **0.430**
Abundance Ratio 40K/K = **1.1700 ± 0.0100 E-04**
Atomic Weight K = **39.0983 ± 0.0001 g**

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau		20.08334 ± 0.15404 (± 0.77%)	**61.57 ± 0.50 (± 0.82%)**	0.75 (73%)	40.27 (16)	0.0570 ± 0.0060
		Full External Error ± 1.47		1.73	2σ Confidence Limit	
		Analytical Error ± 0.46		1.0000	Error Magnification	
Total Fusion Age		19.60116 ± 0.10114 (± 0.52%)	**60.12 ± 0.36 (± 0.60%)**		37	0.0185 ± 0.0001
		Full External Error ± 1.39				
		Analytical Error ± 0.31				
Normal Isochron	**246.68 ± 129.55 (± 52.52%)**	20.19070 ± 0.32928 (± 1.63%)	**61.89 ± 1.01 (± 1.63%)**	0.76 (71%)	40.27 (16)	
		Full External Error ± 1.72		1.76	2σ Confidence Limit	
		Analytical Error ± 0.99		1.0000	Error Magnification	
				1	Number of Iterations	
				0.0001601011	Convergence	
Inverse Isochron	**256.76 ± 100.80 (± 39.26%)**	20.17886 ± 0.32524 (± 1.61%)	**61.86 ± 1.00 (± 1.62%)**	0.77 (70%)	40.27 (16)	
		Full External Error ± 1.71		1.76	2σ Confidence Limit	
		Analytical Error ± 0.98		1.0000	Error Magnification	
				4	Number of Iterations	
				0.0001066589	Convergence	
				7%	Spreading Factor	

Notes
This sample was subjected to a more intense leaching regime and more strenous picking than the other D03-23 groundmass analyses. As a result a small separate was analyzed that produced a more consistant plateau than the other sample.

Incremental Heating			36Ar(a) [fA]	37Ar(ca) [fA]	38Ar(cl) [fA]	39Ar(k) [fA]	40Ar(r) [fA]	Age ± 2σ (Ma)	40Ar(r) (%)	39Ar(k) (%)	K/Ca ± 2σ
16D01821	1.8 %		0.1391879	45.0952	0.0276009	11.873768	246.6602	63.65 ± 0.31	85.69	20.42	0.1132 ± 0.0027
16D01823	1.9 %	✓	0.0094659	14.0263	0.0277005	2.870559	58.1285	62.07 ± 1.01	95.39	4.94	0.0880 ± 0.0061
16D01824	2.0 %	✓	0.0075943	14.8808	0.0000000	2.758859	55.3950	61.56 ± 1.07	96.09	4.74	0.0797 ± 0.0054
16D01825	2.1 %	✓	0.0029538	9.1447	0.0051545	1.621598	31.9573	60.44 ± 1.76	97.32	2.79	0.0763 ± 0.0081
16D01827	2.2 %	✓	0.0024845	9.1811	0.0104350	1.455838	28.7744	60.61 ± 2.02	97.49	2.50	0.0682 ± 0.0071
16D01828	2.3 %	✓	0.0017817	10.3022	0.0000000	1.490608	30.4007	62.51 ± 2.01	98.28	2.56	0.0622 ± 0.0061
16D01829	2.4 %	✓	0.0019253	12.4362	0.0136932	1.735581	35.2932	62.33 ± 1.63	98.40	2.98	0.0600 ± 0.0049
16D01831	2.5 %	✓	0.0012342	8.1935	0.0000000	1.103230	21.8529	60.74 ± 2.63	98.34	1.90	0.0579 ± 0.0071
16D01832	2.6 %	✓	0.0017769	12.4084	0.0249611	1.517220	30.8567	62.34 ± 1.96	98.31	2.61	0.0526 ± 0.0042
16D01833	2.7 %	✓	0.0013154	9.3951	0.0000000	1.142423	23.3378	62.61 ± 2.63	98.34	1.96	0.0523 ± 0.0060
16D01835	2.8 %	✓	0.0009019	10.6287	0.0000000	1.307354	26.1737	61.38 ± 2.21	98.97	2.25	0.0529 ± 0.0050
16D01836	2.9 %	✓	0.0009910	7.4891	0.0000000	0.861901	17.7332	63.05 ± 3.41	98.36	1.48	0.0495 ± 0.0064
16D01837	3.0 %	✓	0.0013852	9.9056	0.0000000	1.135461	22.5735	60.96 ± 2.54	98.20	1.95	0.0493 ± 0.0050
16D01839	3.2 %	✓	0.0019636	10.6854	0.0084081	1.150098	23.0031	61.32 ± 2.55	97.52	1.98	0.0463 ± 0.0045
16D01840	3.4 %	✓	0.0010295	7.8507	0.0000000	0.858110	16.9962	60.74 ± 3.43	98.22	1.48	0.0470 ± 0.0062
16D01841	3.6 %	✓	0.0012247	8.2590	0.0104168	0.887428	17.2940	59.77 ± 3.23	97.93	1.53	0.0462 ± 0.0059
16D01843	3.8 %	✓	0.0084361	12.7241	0.0000000	1.518880	29.8364	60.24 ± 1.98	92.27	2.61	0.0513 ± 0.0043
16D01844	4.0 %		0.0032525	10.9584	0.0000000	1.209411	23.0864	58.57 ± 2.36	95.98	2.08	0.0475 ± 0.0047
16D01845	4.3 %		0.0021617	8.9309	0.0000000	0.990232	19.2975	59.77 ± 2.86	96.78	1.70	0.0477 ± 0.0054
16D01847	4.6 %		0.0022603	12.2687	0.0035368	1.436653	27.7227	59.20 ± 1.85	97.63	2.47	0.0504 ± 0.0042
16D01848	4.9 %		0.0021340	13.0963	0.0000000	1.497121	28.4937	58.40 ± 1.91	97.82	2.57	0.0492 ± 0.0039
16D01849	5.2 %		0.0022267	13.2968	0.0000000	1.298054	24.8604	58.76 ± 2.18	97.40	2.23	0.0420 ± 0.0033
16D01851	5.5 %		0.0026475	15.8395	0.0196176	1.430528	26.8846	57.68 ± 1.92	97.15	2.46	0.0388 ± 0.0026
16D01852	5.8 %		0.0022575	19.3283	0.0066413	1.576579	29.4789	57.39 ± 1.81	97.77	2.71	0.0351 ± 0.0021
16D01853	6.2 %		0.0029773	28.1430	0.0000000	1.826647	33.4016	56.14 ± 1.51	97.41	3.14	0.0279 ± 0.0012
16D01855	6.6 %		0.0031326	44.7702	0.0271338	2.162756	40.1201	56.94 ± 1.33	97.73	3.72	0.0208 ± 0.0007
16D01856	7.0 %		0.0040578	53.4547	0.0266167	1.879978	33.9998	55.54 ± 1.48	96.57	3.23	0.0151 ± 0.0005
16D01857	7.6 %		0.0027696	57.5105	0.0042204	1.423777	25.6225	55.27 ± 1.86	96.88	2.45	0.0106 ± 0.0004
16D01859	8.3 %		0.0030754	64.0366	0.0137942	1.318807	23.0003	53.59 ± 2.08	96.18	2.27	0.0089 ± 0.0004
16D01860	9.0 %		0.0024493	54.8590	0.0080038	0.833536	15.2916	56.32 ± 3.35	95.46	1.43	0.0065 ± 0.0004
16D01861	9.8 %		0.0016826	50.9460	0.0000000	0.563770	10.2972	56.08 ± 4.74	95.37	0.97	0.0048 ± 0.0004
16D01863	11.0 %		0.0020834	132.6029	0.0000000	0.850558	15.0362	54.31 ± 3.06	96.05	1.46	0.0028 ± 0.0001
16D01864	13.0 %		0.0032224	215.1554	0.0123608	0.916538	16.3329	54.74 ± 3.08	94.47	1.58	0.0018 ± 0.0001
16D01865	15.5 %		0.0043771	190.4263	0.0000000	0.753122	13.5498	55.25 ± 3.91	91.27	1.30	0.0017 ± 0.0001
16D01867	18.5 %		0.0039260	111.2729	0.0143764	0.556780	10.4749	57.74 ± 5.08	90.01	0.96	0.0022 ± 0.0002
16D01868	21.5 %		0.0022187	30.0753	0.0210412	0.224583	4.5281	61.81 ± 13.22	87.34	0.39	0.0032 ± 0.0007
16D01870	24.5 %		0.0014871	9.3312	0.0232150	0.109768	2.0245	56.62 ± 24.56	82.15	0.19	0.0051 ± 0.0022
Σ			0.2400513	1348.9090	0.3089280	58.148111	1139.7704				

Information on Analysis

Project = **RURUTU (13-INT-08)**
Sample = **RR1310-D03-23**
Material = **Groundmass**
Location = **Rurutu Hotspot**
Region = **Tuvalu**
Analyst = **Kevin Konrad**
Irradiation = **15-OSU-04 (4A26-15)**
J = **0.00172454 ± 0.00000278**
FCT-NM = **28.201 ± 0.023 Ma**

Results	40(r)/39(k) ± 2σ		Age ± 2σ (Ma)		MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau	20.08334	± 0.15404	**61.57**	**± 0.50**	0.75	40.27	0.0570 ± 0.0060
		± 0.77%		**± 0.82%**	73%	16	
			Full External Error	± 1.47	1.73	2σ Confidence Limit	
			Analytical Error	± 0.46	1.0000	Error Magnification	
Total Fusion Age	19.60116	± 0.10114	**60.12**	**± 0.36**		37	0.0185 ± 0.0001
		± 0.52%		**± 0.60%**			
			Full External Error	± 1.39			
			Analytical Error	± 0.31			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
16D01821	1.8 %		85.31 ± 1.24	2067.64 ± 28.68	0.9549
16D01823	1.9 %	✓	303.25 ± 30.79	6436.31 ± 645.85	0.9878
16D01824	2.0 %	✓	363.28 ± 45.83	7589.79 ± 949.31	0.9910
16D01825	2.1 %	✓	548.99 ± 170.92	11114.69 ± 3446.53	0.9958
16D01827	2.2 %	✓	585.96 ± 214.40	11876.85 ± 4329.13	0.9960
16D01828	2.3 %	✓	836.63 ± 415.87	17358.34 ± 8611.72	0.9980
16D01829	2.4 %	✓	901.46 ± 431.38	18626.87 ± 8901.45	0.9986
16D01831	2.5 %	✓	893.90 ± 662.64	18001.87 ± 13323.86	0.9984
16D01832	2.6 %	✓	853.84 ± 441.59	17660.62 ± 9118.29	0.9982
16D01833	2.7 %	✓	868.52 ± 601.29	18038.04 ± 12466.87	0.9982
16D01835	2.8 %	✓	1449.63 ± 1412.44	29317.60 ± 28547.58	0.9993
16D01836	2.9 %	✓	869.75 ± 768.10	18190.27 ± 16036.33	0.9982
16D01837	3.0 %	✓	819.68 ± 524.22	16591.19 ± 10589.98	0.9980
16D01839	3.2 %	✓	585.70 ± 267.33	12010.10 ± 5460.93	0.9960
16D01840	3.4 %	✓	833.49 ± 725.38	16804.03 ± 14596.12	0.9980
16D01841	3.6 %	✓	724.62 ± 535.99	14416.70 ± 10637.91	0.9975
16D01843	3.8 %	✓	180.04 ± 21.08	3832.24 ± 432.36	0.9621
16D01844	4.0 %		371.84 ± 105.40	7393.45 ± 2076.37	0.9904
16D01845	4.3 %		458.08 ± 193.68	9222.47 ± 3876.72	0.9939
16D01847	4.6 %		635.62 ± 249.28	12560.83 ± 4912.09	0.9970
16D01848	4.9 %		701.57 ± 305.12	13648.03 ± 5920.33	0.9973
16D01849	5.2 %		582.94 ± 241.04	11459.97 ± 4721.28	0.9962
16D01851	5.5 %		540.34 ± 183.90	10450.36 ± 3541.20	0.9955
16D01852	5.8 %		698.36 ± 277.35	13353.55 ± 5288.16	0.9970
16D01853	6.2 %		613.52 ± 194.41	11514.26 ± 3636.67	0.9966
16D01855	6.6 %		690.41 ± 211.49	13102.93 ± 4003.27	0.9973
16D01856	7.0 %		463.30 ± 115.78	8674.41 ± 2156.81	0.9947
16D01857	7.6 %		514.08 ± 187.14	9547.00 ± 3462.45	0.9961
16D01859	8.3 %		428.82 ± 143.89	7774.22 ± 2593.48	0.9939
16D01860	9.0 %		340.31 ± 139.58	6538.70 ± 2656.80	0.9902
16D01861	9.8 %		335.06 ± 194.11	6415.33 ± 3681.71	0.9901
16D01863	11.0 %		408.26 ± 237.44	7512.69 ± 4352.79	0.9960
16D01864	13.0 %		284.43 ± 126.23	5364.12 ± 2365.47	0.9934
16D01865	15.5 %		172.06 ± 53.67	3391.14 ± 1035.05	0.9776
16D01867	18.5 %		141.82 ± 43.40	2963.59 ± 874.15	0.9624
16D01868	21.5 %		101.22 ± 47.62	2336.39 ± 989.28	0.8967
16D01870	24.5 %		73.81 ± 54.08	1656.84 ± 1004.41	0.8205

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	**246.68 ± 129.55 ± 52.52%**	20.19070 ± 0.32928 ± 1.63%	**61.89 ± 1.01 ± 1.63%** Full External Error ± 1.72 Analytical Error ± 0.99	0.76 71%

Statistics				
	2σ Confidence Limit	1.76	Convergence	0.000160101148
	Error Magnification	1.0000	Number of Iterations	1
	Number of Data Points	16	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
16D01821	1.8 %		0.0412584 ± 0.0001777	0.00048364 ± 0.00000671	0.0043
16D01823	1.9 %	✓	0.0471158 ± 0.0007435	0.00015537 ± 0.00001559	0.0032
16D01824	2.0 %	✓	0.0478643 ± 0.0008087	0.00013176 ± 0.00001648	0.0027
16D01825	2.1 %	✓	0.0493936 ± 0.0014023	0.00008997 ± 0.00002790	0.0020
16D01827	2.2 %	✓	0.0493361 ± 0.0016037	0.00008420 ± 0.00003069	0.0018
16D01828	2.3 %	✓	0.0481974 ± 0.0015210	0.00005761 ± 0.00002858	0.0012
16D01829	2.4 %	✓	0.0483959 ± 0.0012326	0.00005369 ± 0.00002566	0.0012
16D01831	2.5 %	✓	0.0496557 ± 0.0021009	0.00005555 ± 0.00004111	0.0012
16D01832	2.6 %	✓	0.0483472 ± 0.0014845	0.00005662 ± 0.00002923	0.0012
16D01833	2.7 %	✓	0.0481496 ± 0.0019780	0.00005544 ± 0.00003832	0.0012
16D01835	2.8 %	✓	0.0494457 ± 0.0017422	0.00003411 ± 0.00003321	0.0008
16D01836	2.9 %	✓	0.0478141 ± 0.0025387	0.00005497 ± 0.00004846	0.0012
16D01837	3.0 %	✓	0.0494048 ± 0.0020147	0.00006027 ± 0.00003847	0.0014
16D01839	3.2 %	✓	0.0487675 ± 0.0019811	0.00008326 ± 0.00003786	0.0018
16D01840	3.4 %	✓	0.0496006 ± 0.0027434	0.00005951 ± 0.00005169	0.0013
16D01841	3.6 %	✓	0.0502625 ± 0.0026483	0.00006936 ± 0.00005118	0.0015
16D01843	3.8 %	✓	0.0469815 ± 0.0015007	0.00026094 ± 0.00002944	0.0049
16D01844	4.0 %		0.0502926 ± 0.0019730	0.00013525 ± 0.00003798	0.0030
16D01845	4.3 %		0.0496698 ± 0.0023132	0.00010843 ± 0.00004558	0.0024
16D01847	4.6 %		0.0506031 ± 0.0015373	0.00007961 ± 0.00003113	0.0019
16D01848	4.9 %		0.0514046 ± 0.0016375	0.00007327 ± 0.00003178	0.0016
16D01849	5.2 %		0.0508674 ± 0.0018354	0.00008726 ± 0.00003595	0.0019
16D01851	5.5 %		0.0517054 ± 0.0016751	0.00009569 ± 0.00003243	0.0022
16D01852	5.8 %		0.0522981 ± 0.0016051	0.00007489 ± 0.00002966	0.0017
16D01853	6.2 %		0.0532839 ± 0.0013905	0.00008685 ± 0.00002743	0.0019
16D01855	6.6 %		0.0526913 ± 0.0011950	0.00007632 ± 0.00002332	0.0016
16D01856	7.0 %		0.0534102 ± 0.0013684	0.00011528 ± 0.00002866	0.0024
16D01857	7.6 %		0.0538475 ± 0.0017288	0.00010474 ± 0.00003799	0.0023
16D01859	8.3 %		0.0551592 ± 0.0020428	0.00012863 ± 0.00004291	0.0027
16D01860	9.0 %		0.0520459 ± 0.0029785	0.00015294 ± 0.00006214	0.0031
16D01861	9.8 %		0.0522282 ± 0.0042376	0.00015588 ± 0.00008946	0.0035
16D01863	11.0 %		0.0543424 ± 0.0028296	0.00013311 ± 0.00007712	0.0025
16D01864	13.0 %		0.0530246 ± 0.0027052	0.00018642 ± 0.00008221	0.0027
16D01865	15.5 %		0.0507384 ± 0.0033287	0.00029489 ± 0.00009001	0.0042
16D01867	18.5 %		0.0478537 ± 0.0039752	0.00033743 ± 0.00009953	0.0056
16D01868	21.5 %		0.0433245 ± 0.0090230	0.00042801 ± 0.00018123	0.0077
16D01870	24.5 %		0.0445498 ± 0.0186591	0.00060356 ± 0.00036589	0.0121

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	**256.76 ± 100.80 ± 39.26%**	20.17886 ± 0.32524 ± 1.61%	**61.86 ± 1.00 ± 1.62%** Full External Error ± 1.71 Analytical Error ± 0.98	0.77 70%

Statistics				
	2σ Confidence Limit	1.76	Convergence	0.0001066589
	Error Magnification	1.0000	Number of Iterations	4
	Number of Data Points	16	Calculated Line	Weighted York-2
	Spreading Factor	6.6%		

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
16D01821	1.8 %		0.1391879	0.69	0.0000000	0.00	0.0120088	1.19	0.0000066	87.32	45.0952	1.19	0.0260142	0.69	0.0000000	0.00	0.1428533	0.27	0.0032378	12.87	0.0276009	87.32	11.873768	0.21	0.0304663	1.77	246.6602	0.12	41.130031	0.69	0.0000000	0.00	0.0453934	2.67
16D01823	1.9 %	✓	0.0094659	5.02	0.0000000	0.00	0.0037352	3.37	0.0000066	90.09	14.0263	3.36	0.0017692	5.02	0.0000000	0.00	0.0345357	0.80	0.0010071	13.25	0.0277005	90.09	2.870559	0.78	0.0094762	3.61	58.1285	0.27	2.797181	5.02	0.0000000	0.00	0.0109741	2.77
16D01824	2.0 %	✓	0.0075943	6.25	0.0000000	0.00	0.0039628	3.28	0.0000000	0.00	14.8808	3.28	0.0014194	6.25	0.0000000	0.00	0.0331918	0.85	0.0010684	13.23	0.0000000	0.00	2.758859	0.84	0.0100535	3.53	55.3950	0.28	2.244118	6.25	0.0000000	0.00	0.0105471	2.79
16D01825	2.1 %	✓	0.0029538	15.50	0.0000000	0.00	0.0024352	5.09	0.0000012	457.43	9.1447	5.09	0.0005521	15.50	0.0000000	0.00	0.0195094	1.41	0.0006566	13.79	0.0051545	457.43	1.621598	1.40	0.0061782	5.26	31.9573	0.47	0.872836	15.50	0.0000000	0.00	0.0061994	3.01
16D01827	2.2 %	✓	0.0024845	18.22	0.0000000	0.00	0.0024449	4.94	0.0000025	216.17	9.1811	4.94	0.0004644	18.22	0.0000000	0.00	0.0175152	1.62	0.0006592	13.74	0.0104350	216.17	1.455838	1.61	0.0062027	5.12	28.7744	0.52	0.734183	18.22	0.0000000	0.00	0.0055657	3.11
16D01828	2.3 %	✓	0.0017817	24.80	0.0000000	0.00	0.0027435	4.62	0.0000000	0.00	10.3022	4.61	0.0003330	24.80	0.0000000	0.00	0.0179335	1.57	0.0007397	13.62	0.0000000	0.00	1.490608	1.56	0.0069602	4.80	30.4007	0.48	0.526489	24.80	0.0000000	0.00	0.0056986	3.08
16D01829	2.4 %	✓	0.0019253	23.89	0.0000000	0.00	0.0033118	3.91	0.0000033	175.03	12.4362	3.91	0.0003598	23.89	0.0000000	0.00	0.0208808	1.27	0.0008929	13.40	0.0136932	175.03	1.735581	1.26	0.0084019	4.12	35.2932	0.43	0.568923	23.89	0.0000000	0.00	0.0066351	2.94
16D01831	2.5 %	✓	0.0012342	37.01	0.0000000	0.00	0.0021819	5.72	0.0000000	0.00	8.1935	5.72	0.0002307	37.01	0.0000000	0.00	0.0132730	2.10	0.0005883	14.04	0.0000000	0.00	1.103230	2.09	0.0055355	5.87	21.8529	0.69	0.364701	37.01	0.0000000	0.00	0.0042176	3.38
16D01832	2.6 %	✓	0.0017769	25.81	0.0000000	0.00	0.0033043	3.72	0.0000060	101.64	12.4084	3.72	0.0003321	25.81	0.0000000	0.00	0.0182537	1.53	0.0008909	13.35	0.0249611	101.65	1.517220	1.52	0.0083831	3.94	30.8567	0.49	0.525084	25.81	0.0000000	0.00	0.0058003	3.06
16D01833	2.7 %	✓	0.0013154	34.56	0.0000000	0.00	0.0025019	5.35	0.0000000	0.00	9.3951	5.35	0.0002458	34.56	0.0000000	0.00	0.0137445	2.04	0.0006746	13.89	0.0000000	0.00	1.142423	2.03	0.0063474	5.51	23.3378	0.65	0.388689	34.56	0.0000000	0.00	0.0043675	3.35
16D01835	2.8 %	✓	0.0009019	48.69	0.0000000	0.00	0.0028304	4.37	0.0000000	0.00	10.6287	4.37	0.0001686	48.69	0.0000000	0.00	0.0157288	1.75	0.0007631	13.54	0.0000000	0.00	1.307354	1.74	0.0071807	4.56	26.1737	0.56	0.266498	48.69	0.0000000	0.00	0.0049980	3.18
16D01836	2.9 %	✓	0.0009910	44.08	0.0000000	0.00	0.0019944	5.96	0.0000000	0.00	7.4891	5.96	0.0001852	44.08	0.0000000	0.00	0.0103695	2.63	0.0005377	14.14	0.0000000	0.00	0.861901	2.63	0.0050597	6.10	17.7332	0.82	0.292833	44.08	0.0000000	0.00	0.0032950	3.74
16D01837	3.0 %	✓	0.0013852	31.91	0.0000000	0.00	0.0026379	4.65	0.0000000	0.00	9.9056	4.64	0.0002589	31.91	0.0000000	0.00	0.0136607	2.02	0.0007112	13.63	0.0000000	0.00	1.135461	2.02	0.0066922	4.83	22.5735	0.65	0.409339	31.91	0.0000000	0.00	0.0043409	3.34
16D01839	3.2 %	✓	0.0019636	22.73	0.0000000	0.00	0.0028455	4.44	0.0000020	284.74	10.6854	4.44	0.0003670	22.73	0.0000000	0.00	0.0138368	2.02	0.0007672	13.57	0.0084081	284.74	1.150098	2.01	0.0072191	4.63	23.0031	0.65	0.580251	22.73	0.0000000	0.00	0.0043968	3.33
16D01840	3.4 %	✓	0.0010295	43.43	0.0000000	0.00	0.0020907	5.97	0.0000000	0.00	7.8507	5.97	0.0001924	43.43	0.0000000	0.00	0.0103239	2.74	0.0005637	14.14	0.0000000	0.00	0.858110	2.74	0.0053040	6.11	16.9962	0.87	0.304228	43.43	0.0000000	0.00	0.0032806	3.82
16D01841	3.6 %	✓	0.0012247	36.89	0.0000000	0.00	0.0021994	5.79	0.0000025	228.91	8.2590	5.79	0.0002289	36.89	0.0000000	0.00	0.0106766	2.61	0.0005930	14.07	0.0104168	228.91	0.887428	2.61	0.0055798	5.94	17.2940	0.87	0.361893	36.89	0.0000000	0.00	0.0033926	3.72
16D01843	3.8 %	✓	0.0084361	5.64	0.0000000	0.00	0.0033884	3.92	0.0000000	0.00	12.7241	3.91	0.0015767	5.64	0.0000000	0.00	0.0182736	1.59	0.0009136	13.40	0.0000000	0.00	1.518880	1.58	0.0085964	4.13	29.8364	0.52	2.492878	5.64	0.0000000	0.00	0.0058067	3.10
16D01844	4.0 %		0.0032525	14.04	0.0000000	0.00	0.0029182	4.54	0.0000000	0.00	10.9584	4.54	0.0006079	14.04	0.0000000	0.00	0.0145504	1.95	0.0007868	13.60	0.0000000	0.00	1.209411	1.94	0.0074035	4.73	23.0864	0.66	0.961126	14.04	0.0000000	0.00	0.0046236	3.29
16D01845	4.3 %		0.0021617	21.01	0.0000000	0.00	0.0023783	5.17	0.0000000	0.00	8.9309	5.16	0.0004040	21.01	0.0000000	0.00	0.0119135	2.31	0.0006412	13.82	0.0000000	0.00	0.990232	2.30	0.0060337	5.33	19.2975	0.78	0.638785	21.01	0.0000000	0.00	0.0037857	3.52
16D01847	4.6 %		0.0022603	19.55	0.0000000	0.00	0.0032672	3.85	0.0000008	683.53	12.2687	3.85	0.0004224	19.55	0.0000000	0.00	0.0172844	1.51	0.0008809	13.38	0.0035368	683.53	1.436653	1.50	0.0082887	4.07	27.7227	0.53	0.667904	19.55	0.0000000	0.00	0.0054923	3.05
16D01848	4.9 %		0.0021340	21.69	0.0000000	0.00	0.0034876	3.68	0.0000000	0.00	13.0963	3.67	0.0003988	21.69	0.0000000	0.00	0.0180119	1.58	0.0009403	13.34	0.0000000	0.00	1.497121	1.58	0.0088479	3.90	28.4937	0.54	0.630584	21.69	0.0000000	0.00	0.0057235	3.09
16D01849	5.2 %		0.0022267	20.60	0.0000000	0.00	0.0035409	3.56	0.0000000	0.00	13.2968	3.56	0.0004162	20.60	0.0000000	0.00	0.0156169	1.79	0.0009547	13.30	0.0000000	0.00	1.298054	1.78	0.0089833	3.79	24.8604	0.61	0.658003	20.60	0.0000000	0.00	0.0049625	3.20
16D01851	5.5 %		0.0026475	16.94	0.0000000	0.00	0.0042181	2.99	0.0000047	121.05	15.8395	2.99	0.0004948	16.94	0.0000000	0.00	0.0172107	1.61	0.0011373	13.16	0.0196176	121.05	1.430528	1.60	0.0107012	3.27	26.8846	0.55	0.782323	16.94	0.0000000	0.00	0.0054689	3.10
16D01852	5.8 %		0.0022575	19.80	0.0000000	0.00	0.0051471	2.51	0.0000016	354.09	19.3283	2.51	0.0004219	19.80	0.0000000	0.00	0.0189678	1.53	0.0013878	13.06	0.0066413	354.09	1.576579	1.52	0.0130582	2.83	29.4789	0.51	0.667100	19.80	0.0000000	0.00	0.0060273	3.06
16D01853	6.2 %		0.0029773	15.79	0.0000000	0.00	0.0074945	1.78	0.0000000	0.00	28.1430	1.78	0.0005565	15.79	0.0000000	0.00	0.0219764	1.30	0.0020207	12.94	0.0000000	0.00	1.826647	1.29	0.0190134	2.21	33.4016	0.46	0.879793	15.79	0.0000000	0.00	0.0069833	2.96
16D01855	6.6 %		0.0031326	15.28	0.0000000	0.00	0.0119223	1.16	0.0000065	84.29	44.7702	1.15	0.0005855	15.28	0.0000000	0.00	0.0260201	1.13	0.0032145	12.87	0.0271338	84.30	2.162756	1.12	0.0302467	1.75	40.1201	0.39	0.925673	15.28	0.0000000	0.00	0.0082682	2.89
16D01856	7.0 %		0.0040578	12.43	0.0000000	0.00	0.0142350	1.03	0.0000064	89.68	53.4547	1.02	0.0007584	12.43	0.0000000	0.00	0.0226180	1.28	0.0038380	12.86	0.0266167	89.68	1.879978	1.27	0.0361140	1.67	33.9998	0.48	1.199075	12.43	0.0000000	0.00	0.0071872	2.95
16D01857	7.6 %		0.0027696	18.13	0.0000000	0.00	0.0153150	1.02	0.0000010	557.36	57.5105	1.01	0.0005176	18.13	0.0000000	0.00	0.0171295	1.59	0.0041293	12.86	0.0042204	557.36	1.423777	1.58	0.0388541	1.66	25.6225	0.64	0.818402	18.13	0.0000000	0.00	0.0054431	3.10
16D01859	8.3 %		0.0030754	16.68	0.0000000	0.00	0.0170530	0.93	0.0000033	174.08	64.0366	0.92	0.0005748	16.68	0.0000000	0.00	0.0158666	1.84	0.0045978	12.85	0.0137942	174.08	1.318807	1.83	0.0432632	1.61	23.0003	0.72	0.908791	16.68	0.0000000	0.00	0.0050418	3.23
16D01860	9.0 %		0.0024493	20.31	0.0000000	0.00	0.0146089	1.04	0.0000019	305.39	54.8590	1.03	0.0004578	20.31	0.0000000	0.00	0.0100283	2.83	0.0039389	12.86	0.0080038	305.39	0.833536	2.83	0.0370627	1.68	15.2916	1.06	0.723776	20.31	0.0000000	0.00	0.0031866	3.88
16D01861	9.8 %		0.0016826	28.69	0.0000000	0.00	0.0135669	1.05	0.0000000	0.00	50.9460	1.04	0.0003145	28.69	0.0000000	0.00	0.0067827	4.01	0.0036579	12.86	0.0000000	0.00	0.563770	4.01	0.0344191	1.68	10.2972	1.54	0.497205	28.69	0.0000000	0.00	0.0021553	4.81
16D01863	11.0 %		0.0020834	28.97	0.0000000	0.00	0.0353122	0.61	0.0000000	0.00	132.6029	0.59	0.0003894	28.97	0.0000000	0.00	0.0102331	2.57	0.0095209	12.83	0.0000000	0.00	0.850558	2.57	0.0895865	1.44	15.0362	1.27	0.615640	28.97	0.0000000	0.00	0.0032517	3.70
16D01864	13.0 %		0.0032224	22.05	0.0000000	0.00	0.0572959	0.54	0.0000030	182.81	215.1554	0.52	0.0006023	22.05	0.0000000	0.00	0.0110269	2.53	0.0154482	12.83	0.0123608	182.82	0.916538	2.52	0.1453590	1.42	16.3329	1.35	0.952208	22.05	0.0000000	0.00	0.0035039	3.66
16D01865	15.5 %		0.0043771	15.25	0.0000000	0.00	0.0507105	0.56	0.0000000	0.00	190.4263	0.54	0.0008181	15.25	0.0000000	0.00	0.0090608	3.25	0.0136726	12.83	0.0000000	0.00	0.753122	3.25	0.1286520	1.43	13.5498	1.54	1.293421	15.25	0.0000000	0.00	0.0028792	4.20
16D01867	18.5 %		0.0039260	14.74	0.0000000	0.00	0.0296320	0.66	0.0000034	164.99	111.2729	0.64	0.0007338	14.74	0.0000000	0.00	0.0066986	4.12	0.0079894	12.84	0.0143764	164.99	0.556780	4.11	0.0751760	1.47	10.4749	1.76	1.160132	14.74	0.0000000	0.00	0.0021286	4.90
16D01868	21.5 %		0.0022187	21.13	0.0000000	0.00	0.0080091	1.60	0.0000050	108.17	30.0753	1.59	0.0004147	21.13	0.0000000	0.00	0.0027020	10.33	0.0021594	12.92	0.0210412	108.18	0.224583	10.33	0.0203189	2.07	4.5281	3.41	0.655624	21.13	0.0000000	0.00	0.0008586	10.67
16D01870	24.5 %		0.0014871	30.18	0.0000000	0.00	0.0024849	4.88	0.0000056	101.02	9.3312	4.88	0.0002779	30.18	0.0000000	0.00	0.0013206	20.76	0.0006700	13.72	0.0232150	101.03	0.109768	20.76	0.0063041	5.05	2.0245	7.37	0.439445	30.18	0.0000000	0.00	0.0004196	20.93
Σ			0.2400513	1.28	0.0000000	0.00	0.3592145	0.25	0.0000740	34.40	1348.9090	0.25	0.0448656	1.28	0.0000000	0.00	0.6995799	0.25	0.0968517	3.53	0.3089280	34.40	58.148111	0.24	0.9113229	0.44	1139.7704	0.09	70.935163	1.28	0.0000000	0.00	0.2223002	0.71
Σ									0.5993398	0.53	1348.9090	0.25									1.1502252	9.24			59.059434	0.24							1210.9279	0.11

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
16D01821	1.8 %		24.179264	0.051922	3.788163	0.045620	0.012702	0.000085	147.255	18.376010	1.00104045	1.382E-11
16D01823	1.9 %	✓	21.158295	0.166393	4.870181	0.168138	0.004586	0.000163	147.274	18.382817	1.00104059	2.925E-12
16D01824	2.0 %	✓	20.820341	0.175234	5.374244	0.181787	0.004174	0.000169	147.283	18.386347	1.00104065	2.767E-12
16D01825	2.1 %	✓	20.172508	0.285257	5.617914	0.296562	0.003311	0.000275	147.294	18.390130	1.00104073	1.576E-12
16D01827	2.2 %	✓	20.186932	0.326695	6.279615	0.326256	0.003373	0.000303	147.313	18.396943	1.00104086	1.417E-12
16D01828	2.3 %	✓	20.655394	0.324409	6.879288	0.334869	0.003022	0.000287	147.322	18.400223	1.00104092	1.485E-12
16D01829	2.4 %	✓	20.567147	0.260649	7.130910	0.292524	0.003005	0.000256	147.331	18.403757	1.00104099	1.722E-12
16D01831	2.5 %	✓	20.041942	0.421874	7.389726	0.449734	0.003081	0.000401	147.350	18.410574	1.00104113	1.067E-12
16D01832	2.6 %	✓	20.573861	0.314125	8.133413	0.326216	0.003335	0.000294	147.359	18.413857	1.00104119	1.507E-12
16D01833	2.7 %	✓	20.657647	0.421957	8.178430	0.467761	0.003323	0.000384	147.369	18.417394	1.00104126	1.139E-12
16D01835	2.8 %	✓	20.117540	0.352495	8.085511	0.379965	0.002839	0.000324	147.387	18.423963	1.00104139	1.269E-12
16D01836	2.9 %	✓	20.796059	0.548888	8.638371	0.561958	0.003443	0.000493	147.396	18.427249	1.00104145	8.654E-13
16D01837	3.0 %	✓	20.126145	0.407980	8.672770	0.438610	0.003522	0.000379	147.405	18.430535	1.00104151	1.103E-12
16D01839	3.2 %	✓	20.381371	0.411417	9.232923	0.449719	0.004157	0.000379	147.422	18.436856	1.00104164	1.132E-12
16D01840	3.4 %	✓	20.040978	0.550837	9.092683	0.596367	0.003614	0.000507	147.431	18.439891	1.00104169	8.306E-13
16D01841	3.6 %	✓	19.775032	0.517725	9.248488	0.586474	0.003837	0.000495	147.440	18.443180	1.00104176	8.476E-13
16D01843	3.8 %	✓	21.168965	0.336192	8.330156	0.351400	0.007741	0.000323	147.457	18.449505	1.00104188	1.552E-12
16D01844	4.0 %		19.766481	0.385370	9.005811	0.444243	0.005071	0.000372	147.465	18.452542	1.00104194	1.155E-12
16D01845	4.3 %		20.014831	0.463259	8.964328	0.506382	0.004557	0.000451	147.474	18.455833	1.00104200	9.571E-13
16D01847	4.6 %		19.652088	0.296798	8.490802	0.350244	0.003826	0.000299	147.491	18.461910	1.00104212	1.363E-12
16D01848	4.9 %		19.343037	0.306276	8.696281	0.347322	0.003733	0.000301	147.500	18.465202	1.00104218	1.398E-12
16D01849	5.2 %		19.527653	0.349891	10.173262	0.404206	0.004413	0.000346	147.508	18.468242	1.00104224	1.225E-12
16D01851	5.5 %		19.200516	0.308720	10.990259	0.372204	0.004767	0.000308	147.526	18.474576	1.00104237	1.328E-12
16D01852	5.8 %		18.967878	0.288696	12.158948	0.355529	0.004659	0.000278	147.535	18.477870	1.00104243	1.447E-12
16D01853	6.2 %		18.577860	0.239924	15.248193	0.333588	0.005674	0.000255	147.543	18.480912	1.00104249	1.646E-12
16D01855	6.6 %		18.720484	0.209377	20.415013	0.325131	0.006868	0.000222	147.560	18.487251	1.00104261	1.971E-12
16D01856	7.0 %		18.373892	0.230973	27.897783	0.448558	0.009550	0.000278	147.569	18.490294	1.00104267	1.690E-12
16D01857	7.6 %		18.081350	0.282631	39.319906	0.723583	0.012365	0.000378	147.578	18.493591	1.00104273	1.269E-12
16D01859	8.3 %		17.557219	0.314909	47.014223	0.936903	0.014780	0.000444	147.595	18.499934	1.00104286	1.148E-12
16D01860	9.0 %		18.399504	0.504410	63.012912	1.826417	0.019596	0.000760	147.603	18.502979	1.00104292	7.689E-13
16D01861	9.8 %		18.048682	0.690905	85.167020	3.333849	0.025493	0.001233	147.612	18.506025	1.00104297	5.182E-13
16D01863	11.0 %		16.651771	0.392765	141.045284	3.372618	0.039776	0.001100	147.629	18.512372	1.00104310	7.514E-13
16D01864	13.0 %		16.280902	0.358498	202.614224	4.515965	0.056993	0.001374	147.638	18.515674	1.00104316	8.299E-13
16D01865	15.5 %		16.836645	0.472123	215.958194	6.086453	0.062474	0.001859	147.647	18.518976	1.00104322	7.126E-13
16D01867	18.5 %		18.414523	0.675027	176.076911	6.471883	0.053107	0.002106	147.665	18.525327	1.00104335	5.586E-13
16D01868	21.5 %		21.170116	2.024274	122.805834	11.795867	0.041783	0.004365	147.674	18.528631	1.00104341	2.489E-13
16D01870	24.5 %		21.231253	4.208653	80.391358	16.259480	0.034268	0.007688	147.691	18.534986	1.00104353	1.183E-13

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
16D01821	1.8 %	0.0066732 ± 0.0003726	0.0092879 ± 0.0176513	0.0031722 ± 0.0167627	0.0340288 ± 0.0164232	2.1020086 ± 0.0655602
16D01823	1.9 %	0.0069790 ± 0.0003726	0.0127457 ± 0.0176513	0.0072027 ± 0.0167627	0.0340288 ± 0.0164232	2.1223690 ± 0.0655602
16D01824	2.0 %	0.0070748 ± 0.0003726	0.0137010 ± 0.0176513	0.0090701 ± 0.0167627	0.0340288 ± 0.0164232	2.1267202 ± 0.0655602
16D01825	2.1 %	0.0071370 ± 0.0003726	0.0141731 ± 0.0176513	0.0109084 ± 0.0167627	0.0340288 ± 0.0164232	2.1274296 ± 0.0655602
16D01827	2.2 %	0.0071614 ± 0.0003726	0.0137900 ± 0.0176513	0.0138105 ± 0.0167627	0.0340288 ± 0.0164232	2.1202175 ± 0.0655602
16D01828	2.3 %	0.0071404 ± 0.0003726	0.0131278 ± 0.0176513	0.0150286 ± 0.0167627	0.0340288 ± 0.0164232	2.1136172 ± 0.0655602
16D01829	2.4 %	0.0070989 ± 0.0003726	0.0121265 ± 0.0176513	0.0162158 ± 0.0167627	0.0340288 ± 0.0164232	2.1047437 ± 0.0655602
16D01831	2.5 %	0.0069765 ± 0.0003726	0.0095137 ± 0.0176513	0.0181567 ± 0.0167627	0.0340288 ± 0.0164232	2.0838185 ± 0.0655602
16D01832	2.6 %	0.0069035 ± 0.0003726	0.0080070 ± 0.0176513	0.0189353 ± 0.0167627	0.0340288 ± 0.0164232	2.0725404 ± 0.0655602
16D01833	2.7 %	0.0068184 ± 0.0003726	0.0062525 ± 0.0176513	0.0196663 ± 0.0167627	0.0340288 ± 0.0164232	2.0599106 ± 0.0655602
16D01835	2.8 %	0.0066516 ± 0.0003726	0.0027523 ± 0.0176513	0.0207445 ± 0.0167627	0.0340288 ± 0.0164232	2.0360580 ± 0.0655602
16D01836	2.9 %	0.0065679 ± 0.0003726	0.0009394 ± 0.0176513	0.0211553 ± 0.0167627	0.0340288 ± 0.0164232	2.0243466 ± 0.0655602
16D01837	3.0 %	0.0064864 ± 0.0003726	0.0008822 ± 0.0176513	0.0214860 ± 0.0167627	0.0340288 ± 0.0164232	2.0130147 ± 0.0655602
16D01839	3.2 %	0.0063411 ± 0.0003726	0.0043268 ± 0.0176513	0.0219117 ± 0.0167627	0.0340288 ± 0.0164232	1.9928402 ± 0.0655602
16D01840	3.4 %	0.0062787 ± 0.0003726	0.0059182 ± 0.0176513	0.0220247 ± 0.0167627	0.0340288 ± 0.0164232	1.9841276 ± 0.0655602
16D01841	3.6 %	0.0062180 ± 0.0003726	0.0075739 ± 0.0176513	0.0220856 ± 0.0167627	0.0340288 ± 0.0164232	1.9755298 ± 0.0655602
16D01843	3.8 %	0.0061237 ± 0.0003726	0.0104996 ± 0.0176513	0.0220380 ± 0.0167627	0.0340288 ± 0.0164232	1.9617384 ± 0.0655602
16D01844	4.0 %	0.0060900 ± 0.0003726	0.0117589 ± 0.0176513	0.0219455 ± 0.0167627	0.0340288 ± 0.0164232	1.9564967 ± 0.0655602
16D01845	4.3 %	0.0060624 ± 0.0003726	0.0130018 ± 0.0176513	0.0217999 ± 0.0167627	0.0340288 ± 0.0164232	1.9518699 ± 0.0655602
16D01847	4.6 %	0.0060361 ± 0.0003726	0.0149313 ± 0.0176513	0.0214218 ± 0.0167627	0.0340288 ± 0.0164232	1.9462311 ± 0.0655602
16D01848	4.9 %	0.0060351 ± 0.0003726	0.0157638 ± 0.0176513	0.0211660 ± 0.0167627	0.0340288 ± 0.0164232	1.9447254 ± 0.0655602
16D01849	5.2 %	0.0060421 ± 0.0003726	0.0163927 ± 0.0176513	0.0209034 ± 0.0167627	0.0340288 ± 0.0164232	1.9442623 ± 0.0655602
16D01851	5.5 %	0.0060792 ± 0.0003726	0.0172584 ± 0.0176513	0.0202909 ± 0.0167627	0.0340288 ± 0.0164232	1.9459412 ± 0.0655602
16D01852	5.8 %	0.0061090 ± 0.0003726	0.0174674 ± 0.0176513	0.0199464 ± 0.0167627	0.0340288 ± 0.0164232	1.9480700 ± 0.0655602
16D01853	6.2 %	0.0061419 ± 0.0003726	0.0175140 ± 0.0176513	0.0196182 ± 0.0167627	0.0340288 ± 0.0164232	1.9506779 ± 0.0655602
16D01855	6.6 %	0.0062225 ± 0.0003726	0.0171672 ± 0.0176513	0.0189202 ± 0.0167627	0.0340288 ± 0.0164232	1.9576317 ± 0.0655602
16D01856	7.0 %	0.0062647 ± 0.0003726	0.0167946 ± 0.0176513	0.0185866 ± 0.0167627	0.0340288 ± 0.0164232	1.9614461 ± 0.0655602
16D01857	7.6 %	0.0063109 ± 0.0003726	0.0162477 ± 0.0176513	0.0182324 ± 0.0167627	0.0340288 ± 0.0164232	1.9657109 ± 0.0655602
16D01859	8.3 %	0.0063943 ± 0.0003726	0.0148073 ± 0.0176513	0.0175910 ± 0.0167627	0.0340288 ± 0.0164232	1.9735725 ± 0.0655602
16D01860	9.0 %	0.0064283 ± 0.0003726	0.0139518 ± 0.0176513	0.0173104 ± 0.0167627	0.0340288 ± 0.0164232	1.9768106 ± 0.0655602
16D01861	9.8 %	0.0064559 ± 0.0003726	0.0130030 ± 0.0176513	0.0170532 ± 0.0167627	0.0340288 ± 0.0164232	1.9794382 ± 0.0655602
16D01863	11.0 %	0.0064840 ± 0.0003726	0.0107768 ± 0.0176513	0.0166109 ± 0.0167627	0.0340288 ± 0.0164232	1.9820179 ± 0.0655602
16D01864	13.0 %	0.0064777 ± 0.0003726	0.0095168 ± 0.0176513	0.0164410 ± 0.0167627	0.0340288 ± 0.0164232	1.9812633 ± 0.0655602
16D01865	15.5 %	0.0064532 ± 0.0003726	0.0082110 ± 0.0176513	0.0163193 ± 0.0167627	0.0340288 ± 0.0164232	1.9786616 ± 0.0655602
16D01867	18.5 %	0.0063431 ± 0.0003726	0.0056475 ± 0.0176513	0.0162414 ± 0.0167627	0.0340288 ± 0.0164232	1.9672073 ± 0.0655602
16D01868	21.5 %	0.0062464 ± 0.0003726	0.0043309 ± 0.0176513	0.0162928 ± 0.0167627	0.0340288 ± 0.0164232	1.9571985 ± 0.0655602
16D01870	24.5 %	0.0059678 ± 0.0003726	0.0019449 ± 0.0176513	0.0165944 ± 0.0167627	0.0340288 ± 0.0164232	1.9283775 ± 0.0655602

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)
16D01821	1.8 %	0.1532019 ± 0.0007321	0.1447	EXP 150 of 150	2.4155447 ± 0.0193541	0.2918	EXP 150 of 150	0.2002837 ± 0.0168610	0.0115	EXP 150 of 150	11.7807100 ± 0.0171719	0.9471	EXP 150 of 150	289.9376378 ± 0.0317861	0.9991	EXP 150 of 150
16D01823	1.9 %	0.0197784 ± 0.0002380	0.6771	EXP 150 of 150	0.7609047 ± 0.0175892	0.0309	EXP 149 of 150	0.0713704 ± 0.0180412	0.0035	EXP 150 of 150	2.8243538 ± 0.0148675	0.4745	EXP 150 of 150	63.0589982 ± 0.0210398	0.8616	EXP 150 of 150
16D01824	2.0 %	0.0182745 ± 0.0002366	0.6304	EXP 150 of 150	0.8072876 ± 0.0187472	0.0208	EXP 149 of 150	0.0356985 ± 0.0166385	0.0034	EXP 150 of 150	2.7140669 ± 0.0158294	0.4380	EXP 150 of 150	59.7764315 ± 0.0221133	0.8596	EXP 149 of 150
16D01825	2.1 %	0.0123606 ± 0.0002083	0.7309	EXP 150 of 150	0.5017554 ± 0.0172968	0.0034	EXP 150 of 150	0.0364448 ± 0.0161381	0.0006	EXP 149 of 150	1.5815090 ± 0.0154783	0.2697	EXP 150 of 150	34.9637511 ± 0.0190952	0.9881	EXP 150 of 150
16D01827	2.2 %	0.0119409 ± 0.0001994	0.6993	EXP 150 of 150	0.5031291 ± 0.0163738	0.0250	EXP 150 of 150	0.0425064 ± 0.0146477	0.0027	EXP 149 of 150	1.4170196 ± 0.0164098	0.1712	EXP 150 of 150	31.6343317 ± 0.0203352	0.9862	EXP 149 of 150
16D01828	2.3 %	0.0115257 ± 0.0001714	0.7870	EXP 150 of 150	0.5621250 ± 0.0179750	0.0321	EXP 150 of 150	0.0147995 ± 0.0162545	0.0011	EXP 150 of 150	1.4522803 ± 0.0162267	0.1174	EXP 150 of 150	33.0464831 ± 0.0193375	0.9857	EXP 150 of 150
16D01829	2.4 %	0.0121772 ± 0.0002096	0.7257	EXP 150 of 150	0.6747150 ± 0.0186722	0.0176	EXP 150 of 150	0.0515770 ± 0.0166859	0.0017	EXP 150 of 150	1.6968423 ± 0.0141087	0.1733	EXP 150 of 150	37.9735040 ± 0.0193380	0.9770	EXP 150 of 150
16D01831	2.5 %	0.0102870 ± 0.0002058	0.7062	EXP 150 of 150	0.4458926 ± 0.0175207	0.0452	EXP 150 of 150	0.0248853 ± 0.0164246	0.0000	EXP 150 of 150	1.0664001 ± 0.0159627	0.0679	EXP 150 of 150	24.3056289 ± 0.0188560	0.9902	EXP 150 of 150
16D01832	2.6 %	0.0118335 ± 0.0002106	0.6997	EXP 150 of 150	0.6687502 ± 0.0167762	0.0878	EXP 150 of 150	0.0627957 ± 0.0185980	0.0109	EXP 150 of 150	1.4801039 ± 0.0158955	0.1266	EXP 150 of 150	33.4600891 ± 0.0196858	0.9800	EXP 150 of 150
16D01833	2.7 %	0.0105176 ± 0.0001956	0.7275	EXP 150 of 150	0.5064460 ± 0.0199767	0.0003	EXP 150 of 150	0.0128902 ± 0.0172272	0.0107	EXP 150 of 150	1.1061042 ± 0.0161578	0.0378	EXP 150 of 150	25.7908032 ± 0.0206717	0.9862	EXP 150 of 150
16D01835	2.8 %	0.0102685 ± 0.0001666	0.8030	EXP 150 of 150	0.5684178 ± 0.0170862	0.0064	EXP 150 of 150	0.0371292 ± 0.0161055	0.0002	EXP 149 of 150	1.2706225 ± 0.0155086	0.1388	EXP 149 of 150	28.4812719 ± 0.0204038	0.9825	EXP 150 of 150
16D01836	2.9 %	0.0094610 ± 0.0001644	0.7979	EXP 150 of 150	0.3994446 ± 0.0157691	0.0001	EXP 149 of 150	0.0024368 ± 0.0154457	0.0429	EXP 150 of 150	0.8264136 ± 0.0153289	0.0016	EXP 150 of 150	20.0537214 ± 0.0198945	0.9894	EXP 150 of 150
16D01837	3.0 %	0.0103851 ± 0.0001746	0.7110	EXP 150 of 150	0.5261136 ± 0.0167623	0.0202	EXP 150 of 150	0.0232228 ± 0.0161331	0.0000	EXP 150 of 150	1.0995361 ± 0.0156935	0.0678	EXP 150 of 150	25.0001479 ± 0.0193718	0.9868	EXP 150 of 150
16D01839	3.2 %	0.0110035 ± 0.0001819	0.7305	EXP 150 of 150	0.5639602 ± 0.0178505	0.0318	EXP 150 of 150	0.0449870 ± 0.0166502	0.0012	EXP 150 of 150	1.1145860 ± 0.0160030	0.0597	EXP 150 of 150	25.5805441 ± 0.0196027	0.9847	EXP 150 of 150
16D01840	3.4 %	0.0093025 ± 0.0001850	0.7355	EXP 150 of 150	0.4115427 ± 0.0174732	0.0053	EXP 150 of 150	0.0269513 ± 0.0160504	0.0019	EXP 150 of 150	0.8228930 ± 0.0165313	0.0429	EXP 150 of 150	19.2877885 ± 0.0183159	0.9909	EXP 150 of 150
16D01841	3.6 %	0.0095386 ± 0.0001937	0.7180	EXP 150 of 150	0.4315156 ± 0.0181704	0.0305	EXP 150 of 150	0.0437161 ± 0.0165157	0.0109	EXP 150 of 150	0.8522639 ± 0.0160222	0.0366	EXP 150 of 150	19.6347807 ± 0.0173654	0.9913	EXP 150 of 150
16D01843	3.8 %	0.0175827 ± 0.0002365	0.5320	EXP 150 of 150	0.6657483 ± 0.0194636	0.0156	EXP 150 of 150	0.0257868 ± 0.0173869	0.0122	EXP 150 of 150	1.4819616 ± 0.0172792	0.1211	EXP 150 of 150	34.2968261 ± 0.0185900	0.9705	EXP 150 of 150
16D01844	4.0 %	0.0120700 ± 0.0002005	0.6327	EXP 150 of 150	0.5705506 ± 0.0194916	0.0034	EXP 150 of 150	0.0213934 ± 0.0159049	0.0113	EXP 150 of 150	1.1736355 ± 0.0164940	0.0865	EXP 150 of 150	26.0086287 ± 0.0200541	0.9823	EXP 150 of 150
16D01845	4.3 %	0.0104620 ± 0.0002016	0.6922	EXP 150 of 150	0.4614829 ± 0.0168489	0.0086	EXP 150 of 150	0.0293426 ± 0.0179268	0.0001	EXP 150 of 150	0.9547452 ± 0.0155608	0.0338	EXP 150 of 150	21.8919558 ± 0.0185528	0.9876	EXP 150 of 150
16D01847	4.6 %	0.0113935 ± 0.0001716	0.7375	EXP 149 of 150	0.6366751 ± 0.0175248	0.0124	EXP 150 of 150	0.0432588 ± 0.0169770	0.0000	EXP 150 of 150	1.4000471 ± 0.0136598	0.1233	EXP 150 of 150	30.3423467 ± 0.0174126	0.9786	EXP 150 of 150
16D01848	4.9 %	0.0114828 ± 0.0002160	0.6652	EXP 150 of 150	0.6796743 ± 0.0181836	0.0052	EXP 150 of 150	0.0228843 ± 0.0167638	0.0141	EXP 149 of 150	1.4606155 ± 0.0166419	0.1417	EXP 150 of 150	31.0747340 ± 0.0191856	0.9715	EXP 150 of 150
16D01849	5.2 %	0.0116315 ± 0.0002087	0.6179	EXP 150 of 150	0.6895766 ± 0.0175444	0.0364	EXP 150 of 150	0.0311921 ± 0.0189454	0.0046	EXP 150 of 150	1.2631800 ± 0.0160497	0.0690	EXP 149 of 150	27.4676342 ± 0.0194334	0.9794	EXP 150 of 150
16D01851	5.5 %	0.0127370 ± 0.0001863	0.6801	EXP 150 of 150	0.8234195 ± 0.0174664	0.0854	EXP 150 of 150	0.0582515 ± 0.0163752	0.0005	EXP 150 of 150	1.3963627 ± 0.0156732	0.1224	EXP 150 of 150	29.6182887 ± 0.0199637	0.9708	EXP 150 of 150
16D01852	5.8 %	0.0132863 ± 0.0001807	0.6901	EXP 150 of 150	1.0081970 ± 0.0180677	0.0592	EXP 150 of 150	0.0470090 ± 0.0160491	0.0012	EXP 150 of 150	1.5436548 ± 0.0171085	0.1437	EXP 150 of 150	32.1001227 ± 0.0206633	0.9601	EXP 150 of 150
16D01853	6.2 %	0.0162899 ± 0.0002261	0.5661	EXP 150 of 150	1.4756577 ± 0.0185305	0.1790	EXP 149 of 150	0.0405719 ± 0.0176470	0.0056	EXP 150 of 150	1.7977518 ± 0.0165802	0.2798	EXP 150 of 150	36.2390900 ± 0.0192014	0.9457	EXP 150 of 150
16D01855	6.6 %	0.0208182 ± 0.0002378	0.4935	EXP 150 of 150	2.3573728 ± 0.0174616	0.3676	EXP 150 of 150	0.0751341 ± 0.0151077	0.0022	EXP 150 of 150	2.1424818 ± 0.0175231	0.2289	EXP 150 of 150	43.0116952 ± 0.0218201	0.7995	EXP 150 of 150
16D01856	7.0 %	0.0239981 ± 0.0002778	0.3077	EXP 150 of 150	2.8178937 ± 0.0186894	0.3379	EXP 150 of 150	0.0717183 ± 0.0165419	0.0010	EXP 150 of 150	1.8676539 ± 0.0169180	0.2795	EXP 150 of 150	37.1675155 ± 0.0200687	0.9316	EXP 150 of 150
16D01857	7.6 %	0.0238373 ± 0.0002695	0.3715	EXP 150 of 150	3.0329742 ± 0.0205660	0.3796	EXP 150 of 150	0.0438913 ± 0.0160512	0.0111	EXP 150 of 150	1.4176028 ± 0.0151623	0.1400	EXP 150 of 150	28.4120535 ± 0.0202480	0.9724	EXP 150 of 150
16D01859	8.3 %	0.0259036 ± 0.0002855	0.2367	EXP 150 of 150	3.3792679 ± 0.0199924	0.4836	EXP 150 of 150	0.0519717 ± 0.0167400	0.0022	EXP 150 of 150	1.3177976 ± 0.0173767	0.2024	EXP 150 of 150	25.8877288 ± 0.0221855	0.9711	EXP 150 of 150
16D01860	9.0 %	0.0229610 ± 0.0002636	0.3323	EXP 150 of 150	2.8932089 ± 0.0200745	0.3938	EXP 150 of 150	0.0394477 ± 0.0173387	0.0014	EXP 150 of 150	0.8300228 ± 0.0166593	0.0001	EXP 150 of 150	17.9953987 ± 0.0181301	0.9884	EXP 150 of 150
16D01861	9.8 %	0.0212339 ± 0.0002434	0.3845	EXP 150 of 150	2.6863507 ± 0.0175701	0.4151	EXP 150 of 150	0.0102935 ± 0.0164842	0.0154	EXP 150 of 150	0.5596615 ± 0.0152451	0.0008	EXP 149 of 150	12.7759614 ± 0.0197905	0.9897	EXP 150 of 150
16D01863	11.0 %	0.0427234 ± 0.0003862	0.0447	EXP 150 of 150	7.0127304 ± 0.0174364	0.8275	EXP 150 of 150	0.0146883 ± 0.0169375	0.0058	EXP 150 of 150	0.8990450 ± 0.0140556	0.0697	EXP 150 of 150	17.6370846 ± 0.0197094	0.9864	EXP 150 of 150
16D01864	13.0 %	0.0651278 ± 0.0004645	0.0088	EXP 150 of 150	11.3844703 ± 0.0185866	0.9180	EXP 150 of 150	0.0553666 ± 0.0145765	0.0080	EXP 150 of 150	1.0198817 ± 0.0158548	0.0853	EXP 150 of 150	19.2698987 ± 0.0157551	0.9904	EXP 150 of 150
16D01865	15.5 %	0.0598377 ± 0.0004246	0.0382	EXP 150 of 150	10.0743993 ± 0.0200653	0.8923	EXP 149 of 150	0.0235253 ± 0.0150822	0.0032	EXP 150 of 150	0.8411134 ± 0.0177750	0.0068	EXP 150 of 150	16.8247744 ± 0.0187937	0.9886	EXP 150 of 150
16D01867	18.5 %	0.0388669 ± 0.0003613	0.0585	EXP 150 of 150	5.8839633 ± 0.0190533	0.7633	EXP 150 of 150	0.0456524 ± 0.0163069	0.0020	EXP 150 of 150	0.5931746 ± 0.0156592	0.0000	EXP 150 of 150	13.6043802 ± 0.0185259	0.9902	EXP 149 of 150
16D01868	21.5 %	0.0161629 ± 0.0002265	0.5175	EXP 150 of 150	1.5872546 ± 0.0166004	0.2192	EXP 150 of 150	0.0422681 ± 0.0149480	0.0035	EXP 150 of 150	0.2090307 ± 0.0161342	0.0247	EXP 150 of 150	7.1417893 ± 0.0170818	0.9937	EXP 150 of 150
16D01870	24.5 %	0.0098224 ± 0.0001909	0.6506	EXP 150 of 150	0.4916907 ± 0.0161922	0.0514	EXP 150 of 150	0.0417468 ± 0.0159583	0.0044	EXP 150 of 150	0.0811699 ± 0.0155432	0.0375	EXP 150 of 150	4.3927247 ± 0.0186045	0.9932	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
16D01821	1.8 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01823	1.9 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01824	2.0 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01825	2.1 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01827	2.2 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01828	2.3 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01829	2.4 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01831	2.5 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01832	2.6 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01833	2.7 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01835	2.8 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01836	2.9 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01837	3.0 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01839	3.2 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01840	3.4 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01841	3.6 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01843	3.8 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01844	4.0 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01845	4.3 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01847	4.6 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01848	4.9 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01849	5.2 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01851	5.5 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01852	5.8 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01853	6.2 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01855	6.6 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01856	7.0 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01857	7.6 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01859	8.3 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01860	9.0 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01861	9.8 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01863	11.0 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01864	13.0 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01865	15.5 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01867	18.5 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01868	21.5 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	01
16D01870	24.5 %	Kevin Konrad	15-OSU-04	0.00	0.00	35.82	French Polynesia\Rurutu (13-INT-08)	16D01820	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
16D01821	1.8 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	13	JAN	2016	22	23	1
16D01823	1.9 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	13	JAN	2016	22	50	1
16D01824	2.0 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	13	JAN	2016	23	4	1
16D01825	2.1 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	13	JAN	2016	23	19	1
16D01827	2.2 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	13	JAN	2016	23	46	1
16D01828	2.3 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	13	JAN	2016	23	59	1
16D01829	2.4 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	0	13	1
16D01831	2.5 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	0	40	1
16D01832	2.6 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	0	53	1
16D01833	2.7 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	1	7	1
16D01835	2.8 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	1	33	1
16D01836	2.9 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	1	46	1
16D01837	3.0 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	1	59	1
16D01839	3.2 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	2	24	1
16D01840	3.4 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	2	36	1
16D01841	3.6 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	2	49	1
16D01843	3.8 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	3	14	1
16D01844	4.0 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	3	26	1
16D01845	4.3 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	3	39	1
16D01847	4.6 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	4	3	1
16D01848	4.9 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	4	16	1
16D01849	5.2 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	4	28	1
16D01851	5.5 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	4	53	1
16D01852	5.8 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	5	6	1
16D01853	6.2 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	5	18	1
16D01855	6.6 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	5	43	1
16D01856	7.0 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	5	55	1
16D01857	7.6 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	6	8	1
16D01859	8.3 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	6	33	1
16D01860	9.0 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	6	45	1
16D01861	9.8 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	6	57	1
16D01863	11.0 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	7	22	1
16D01864	13.0 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	7	35	1
16D01865	15.5 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	7	48	1
16D01867	18.5 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	8	13	1
16D01868	21.5 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	8	26	1
16D01870	24.5 %	RR1310-D03-23	Groundmass	Rurutu Hotspot	FCT-NM (4A26-15)	28.201	0.082	Kuiper et al (2008)	9.11395	0.161	0.00172454	0.161	303.375	0.166	0.99350212	0.071	1	4.8E-14	14	JAN	2016	8	51	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
16D01821	1.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01823	1.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01824	2.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01825	2.1 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01827	2.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01828	2.3 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01829	2.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01831	2.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01832	2.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01833	2.7 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01835	2.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01836	2.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01837	3.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01839	3.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01840	3.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01841	3.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01843	3.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01844	4.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01845	4.3 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01847	4.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01848	4.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01849	5.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01851	5.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01852	5.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01853	6.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01855	6.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01856	7.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01857	7.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01859	8.3 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01860	9.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01861	9.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01863	11.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01864	13.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01865	15.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01867	18.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01868	21.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
16D01870	24.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0

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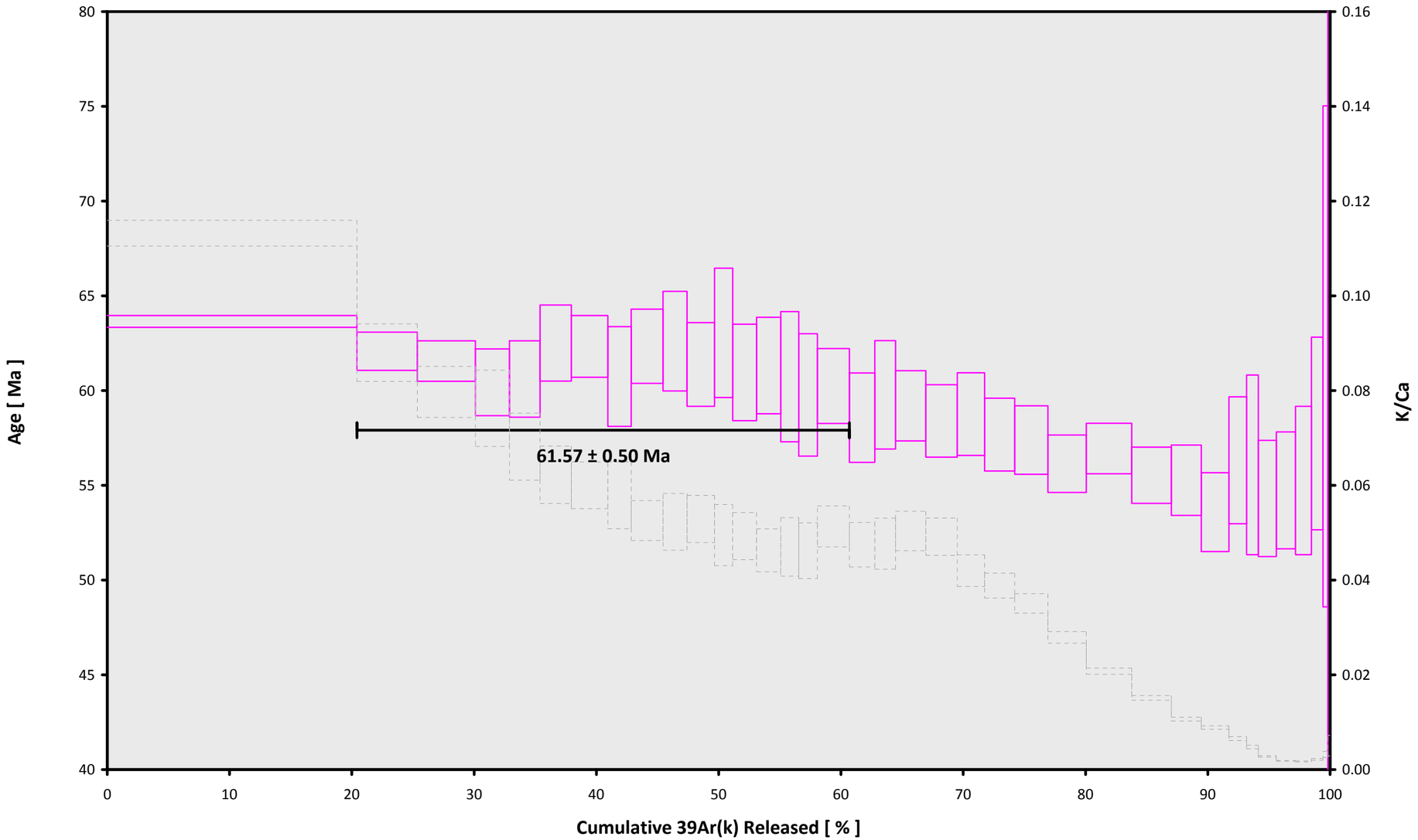


Ar-Ages in Ma

WEIGHTED PLATEAU
61.57 ± 0.50
TOTAL FUSION
60.12 ± 0.36
NORMAL ISOCHRON
61.89 ± 1.01
INVERSE ISOCHRON
61.86 ± 1.00

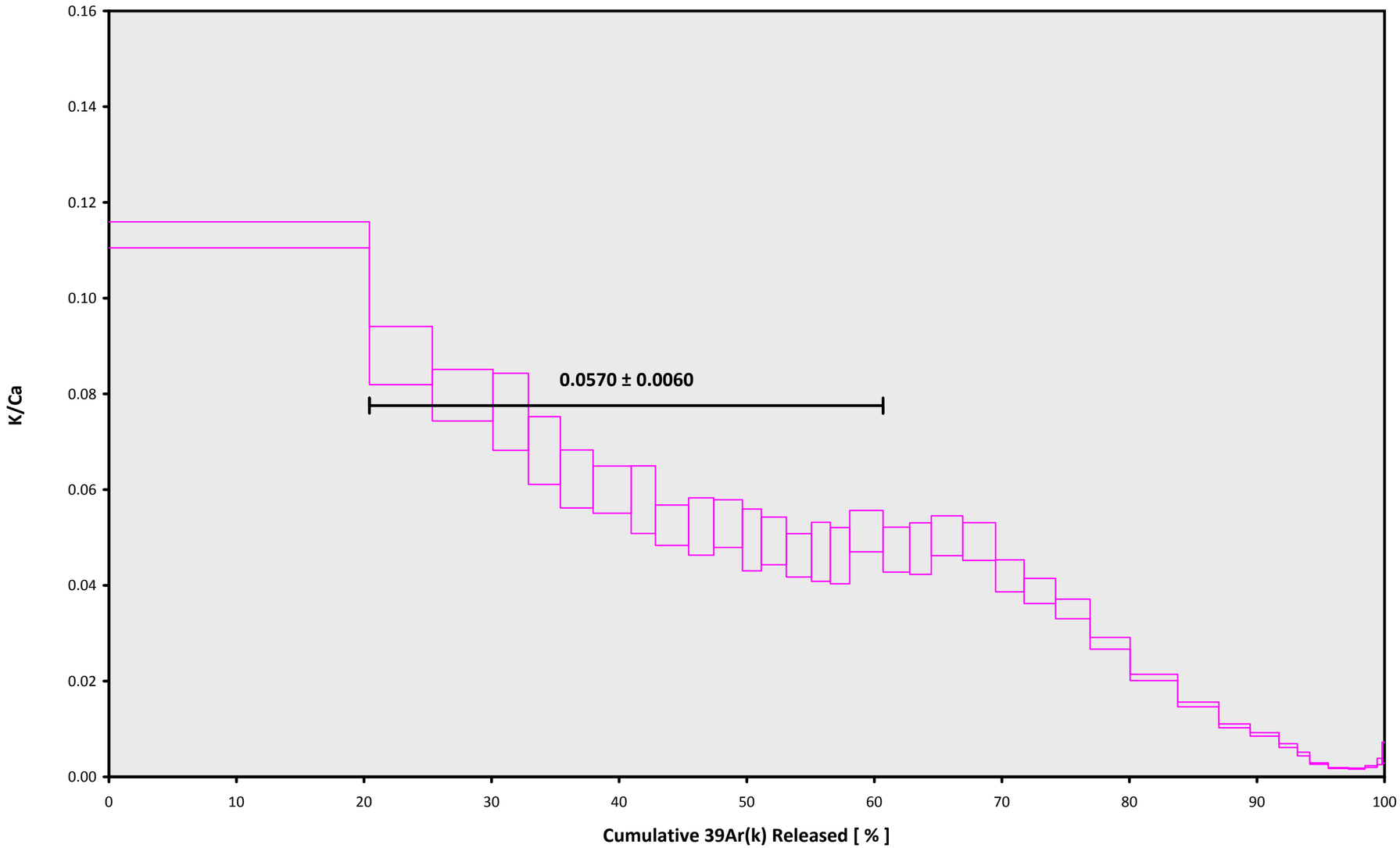
MSWD (PROBABILITY)
0.75 (73%)

Sample Info

Groundmass
Rurutu Hotspot
Kevin Konrad

IRR = 15-OSU-04 (4A26-15)
J = 0.00172454 ± 0.00000278

16D01820.AGE >>> RR1310-D03-23 >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

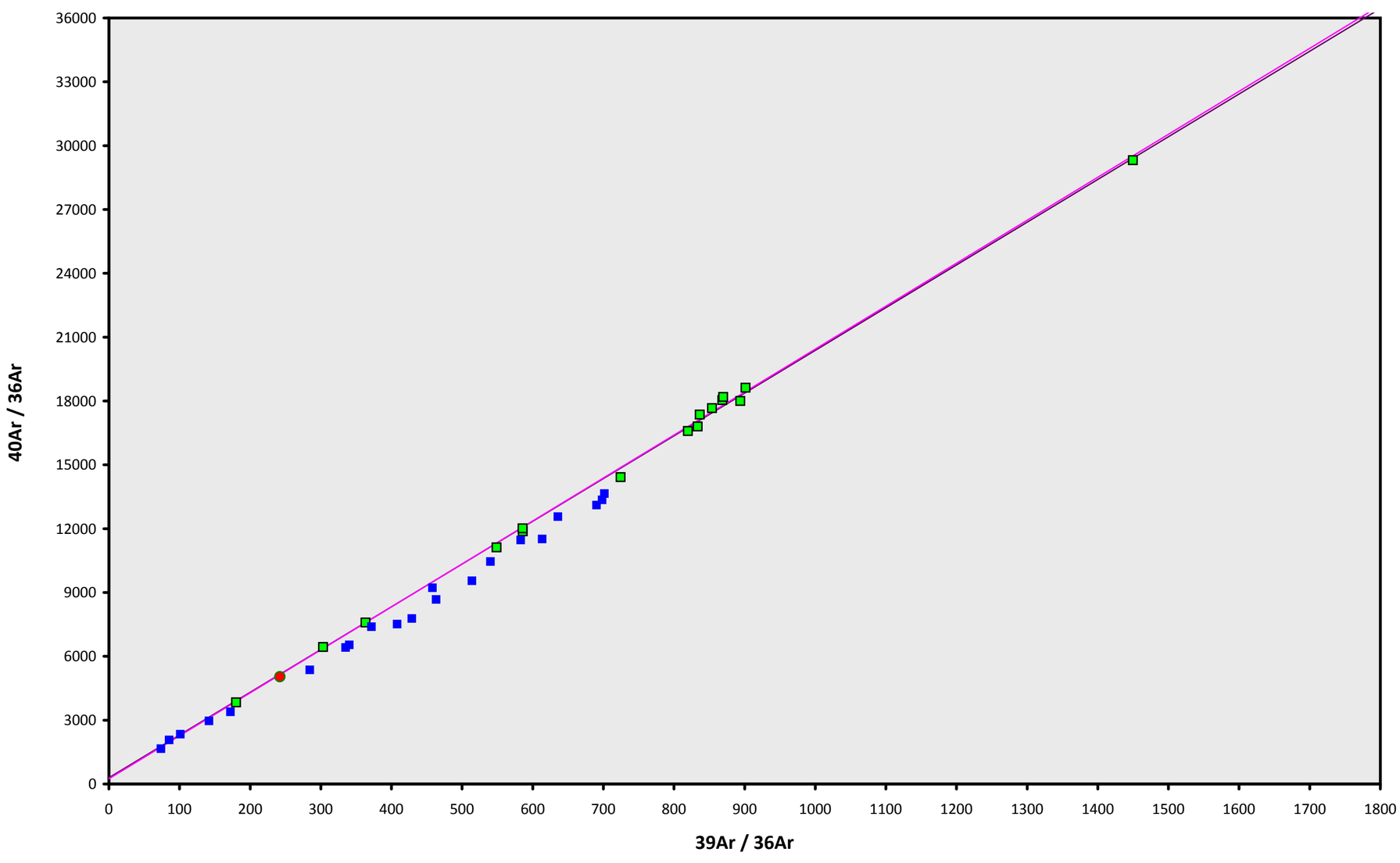
WEIGHTED PLATEAU
61.57 ± 0.50
TOTAL FUSION
60.12 ± 0.36
NORMAL ISOCHRON
61.89 ± 1.01
INVERSE ISOCHRON
61.86 ± 1.00

Sample Info

Groundmass
Rurutu Hotspot
Kevin Konrad

IRR = 15-OSU-04 (4A26-15)
J = 0.00172454 ± 0.00000278

16D01820.AGE >>> RR1310-D03-23 >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
61.57 ± 0.50
TOTAL FUSION
60.12 ± 0.36
NORMAL ISOCHRON
61.89 ± 1.01
INVERSE ISOCHRON
61.86 ± 1.00

MSWD (PROBABILITY)
0.76 (71%)

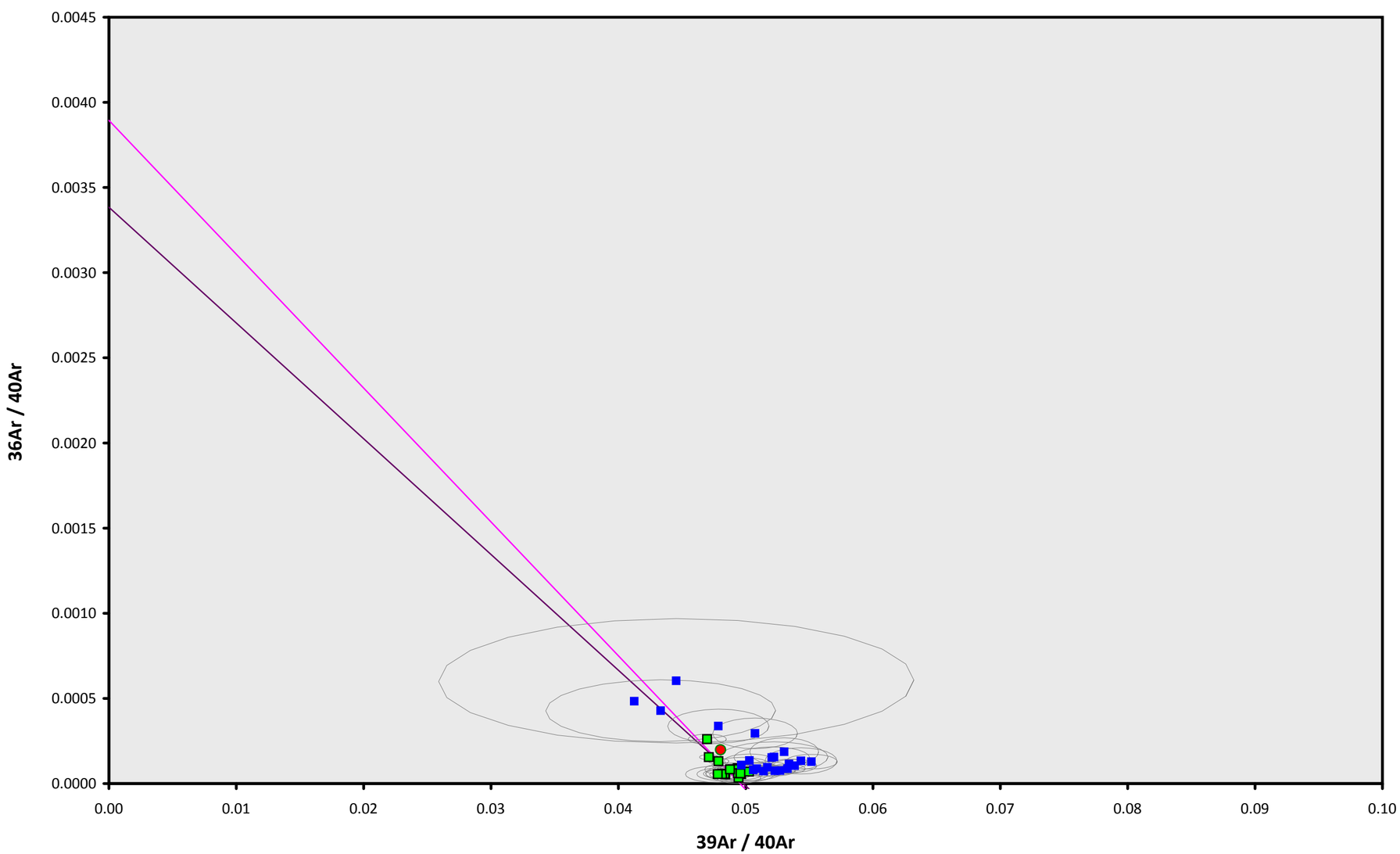
40AR/36AR INTERCEPT
246.7 ± 129.6

Sample Info

Groundmass
Rurutu Hotspot
Kevin Konrad

IRR = 15-OSU-04 (4A26-15)
J = 0.00172454 ± 0.00000278

16D01820.AGE >>> RR1310-D03-23 >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
61.57 ± 0.50
TOTAL FUSION
60.12 ± 0.36
NORMAL ISOCHRON
61.89 ± 1.01
INVERSE ISOCHRON
61.86 ± 1.00

MSWD (PROBABILITY)
0.77 (70%)

SPREADING FACTOR
6.6%

40AR/36AR INTERCEPT
256.8 ± 100.8

Sample Info

Groundmass
Rurutu Hotspot
Kevin Konrad

IRR = 15-OSU-04 (4A26-15)
J = 0.00172454 ± 0.00000278