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
14D26980	1.8 %		0.6602956	0.444	3.8999	73.091	0.2128059	17.909	5.38360	0.671	302.4784	0.081	14.23523 ± 0.66242	44.80 ± 2.06	25.32	1.44	0.593 ± 0.867
14D26982	1.9 %	✓	0.5678863	0.478	9.4862	28.419	0.1975695	19.464	7.37868	0.476	307.4595	0.079	15.42797 ± 0.43621	48.50 ± 1.35	36.99	1.97	0.334 ± 0.190
14D26983	2.0 %	✓	0.2205056	0.795	5.1636	50.092	0.1090637	35.886	3.85969	0.923	134.2376	0.180	15.33927 ± 0.51082	48.23 ± 1.58	44.06	1.03	0.321 ± 0.322
14D26985	2.1 %	✓	0.3061854	0.636	7.7329	35.448	0.1389210	27.090	7.06529	0.527	212.7933	0.114	15.37844 ± 0.31959	48.35 ± 0.99	51.02	1.89	0.393 ± 0.278
14D26986	2.2 %	✓	0.2196096	0.807	10.8317	25.147	0.1648092	23.340	6.68844	0.557	176.1042	0.138	15.24199 ± 0.29990	47.93 ± 0.93	57.83	1.79	0.265 ± 0.133
14D26987	2.3 %	✓	0.1678490	0.944	9.6242	26.944	0.1146650	33.603	5.74398	0.610	146.4312	0.165	15.64867 ± 0.31616	49.19 ± 0.98	61.31	1.54	0.256 ± 0.138
14D26989	2.4 %	✓	0.1272653	1.183	4.4238	62.295	0.0952071	41.975	3.99894	0.886	105.3757	0.229	15.55714 ± 0.43549	48.90 ± 1.35	58.99	1.07	0.388 ± 0.484
14D26990	2.5 %	✓	0.1059020	1.379	5.3753	47.697	0.1010722	35.433	4.58013	0.798	107.4271	0.225	15.64974 ± 0.37488	49.19 ± 1.16	66.67	1.22	0.366 ± 0.349
14D26991	2.6 %	✓	0.1516167	1.045	10.9288	23.533	0.1244062	30.007	6.17847	0.594	145.8697	0.166	15.37846 ± 0.29310	48.35 ± 0.91	65.06	1.65	0.243 ± 0.114
14D26993	2.7 %	✓	0.1374394	1.074	11.3616	23.000	0.0839432	47.113	6.34514	0.566	144.2310	0.167	15.48832 ± 0.27414	48.69 ± 0.85	68.06	1.70	0.240 ± 0.110
14D26994	2.8 %	✓	0.1061841	1.394	9.6485	29.863	0.0931946	38.989	5.48236	0.661	119.6336	0.202	15.36112 ± 0.31397	48.30 ± 0.97	70.31	1.47	0.244 ± 0.146
14D26995	2.9 %	✓	0.1062310	1.380	12.5161	21.404	0.1095385	35.093	5.65149	0.621	123.0726	0.196	15.55912 ± 0.29925	48.91 ± 0.93	71.34	1.51	0.194 ± 0.083
14D26997	3.0 %	✓	0.1047229	1.393	12.1574	22.293	0.1179007	31.919	5.84527	0.614	123.6899	0.196	15.23062 ± 0.28887	47.89 ± 0.90	71.87	1.56	0.206 ± 0.092
14D26998	3.2 %	✓	0.0912720	1.527	9.4484	27.948	0.0956188	40.209	5.82273	0.615	120.6011	0.200	15.50322 ± 0.28473	48.74 ± 0.88	74.77	1.56	0.265 ± 0.148
14D26999	3.4 %	✓	0.1008542	1.418	14.1316	18.900	0.0753583	50.910	6.45147	0.532	134.2368	0.180	15.67061 ± 0.25729	49.26 ± 0.80	75.20	1.72	0.196 ± 0.074
14D27001	3.6 %	✓	0.1276306	1.208	20.1871	13.614	0.1205002	30.504	8.48760	0.418	173.2427	0.140	15.49758 ± 0.20648	48.72 ± 0.64	75.80	2.27	0.181 ± 0.049
14D27002	3.9 %	✓	0.1157670	1.296	19.8422	12.853	0.1126306	33.206	7.51367	0.500	153.7249	0.157	15.44543 ± 0.23299	48.56 ± 0.72	75.36	2.01	0.163 ± 0.042
14D27003	4.2 %	✓	0.1262833	1.196	21.5706	12.043	0.1016650	36.905	8.41670	0.406	172.3075	0.141	15.58877 ± 0.20298	49.00 ± 0.63	76.01	2.25	0.167 ± 0.040
14D27005	4.5 %	✓	0.1547743	1.038	21.4379	12.149	0.1332847	27.758	8.39262	0.436	179.6883	0.135	15.34789 ± 0.21681	48.25 ± 0.67	71.56	2.24	0.168 ± 0.041
14D27006	4.8 %	✓	0.1639697	1.018	34.0817	7.786	0.1296135	29.673	12.57931	0.303	247.6996	0.098	15.49703 ± 0.15054	48.72 ± 0.47	78.56	3.36	0.158 ± 0.025
14D27007	5.1 %	✓	0.1424128	1.103	29.1307	9.752	0.1330362	30.100	8.98940	0.405	185.6598	0.130	15.55150 ± 0.20086	48.89 ± 0.62	75.13	2.40	0.132 ± 0.026
14D27009	5.4 %	✓	0.1376151	1.128	37.4274	7.056	0.1403397	29.466	11.16816	0.325	215.3460	0.113	15.39740 ± 0.15852	48.41 ± 0.49	79.67	2.98	0.128 ± 0.018
14D27010	5.8 %	✓	0.1532759	0.979	41.5342	6.429	0.1733140	21.690	11.39086	0.340	223.7531	0.108	15.40004 ± 0.15964	48.42 ± 0.50	78.21	3.04	0.118 ± 0.015
14D27011	6.2 %	✓	0.1439358	1.102	49.6994	5.625	0.2219555	16.535	12.74237	0.308	241.3790	0.100	15.46623 ± 0.14576	48.62 ± 0.45	81.43	3.40	0.110 ± 0.012
14D27013	6.8 %	✓	0.2387405	0.736	75.7352	3.640	0.2432864	15.838	18.55950	0.211	358.5859	0.068	15.32457 ± 0.11027	48.18 ± 0.34	79.10	4.95	0.105 ± 0.008
14D27014	7.4 %		0.1912269	0.890	71.9004	3.874	0.2640798	14.510	17.79631	0.219	329.8251	0.074	15.25853 ± 0.10919	47.98 ± 0.34	82.11	4.75	0.106 ± 0.008
14D27015	8.3 %		0.2051160	0.835	93.8407	3.091	0.3150453	12.104	21.44071	0.189	384.7536	0.064	15.10773 ± 0.09276	47.51 ± 0.29	83.94	5.72	0.098 ± 0.006
14D27017	9.3 %		0.2124017	0.787	84.7900	3.235	0.2898116	13.416	21.85351	0.177	388.3996	0.063	14.83207 ± 0.08841	46.65 ± 0.27	83.23	5.83	0.111 ± 0.007
14D27018	10.4 %		0.2153805	0.819	69.2835	3.914	0.3307656	12.088	19.50938	0.201	348.3470	0.070	14.42824 ± 0.10095	45.40 ± 0.31	80.61	5.21	0.121 ± 0.009
14D27019	11.7 %		0.2317992	0.737	62.3337	4.258	0.2854005	13.326	19.19325	0.194	339.3856	0.072	13.86791 ± 0.10000	43.66 ± 0.31	78.25	5.13	0.132 ± 0.011
14D27021	13.5 %		0.2371958	0.741	60.0175	4.598	0.3079880	12.490	18.73638	0.201	328.4074	0.074	13.50851 ± 0.10395	42.54 ± 0.32	76.90	5.00	0.134 ± 0.012
14D27022	15.5 %		0.2465688	0.717	57.3647	4.750	0.2726705	13.631	17.91887	0.221	312.0378	0.078	13.01612 ± 0.11037	41.01 ± 0.34	74.58	4.79	0.134 ± 0.013
14D27023	17.6 %		0.2080252	0.850	49.4254	5.349	0.3006789	12.936	14.25996	0.250	249.1756	0.098	12.81908 ± 0.12949	40.39 ± 0.40	73.19	3.81	0.124 ± 0.013
14D27025	19.8 %		0.2022936	0.825	42.6385	6.322	0.1808233	20.514	12.04131	0.305	216.5862	0.112	12.58061 ± 0.14974	39.65 ± 0.47	69.78	3.21	0.121 ± 0.015
14D27026	22.1 %		0.1817141	0.875	35.8040	7.550	0.1476593	26.507	9.23220	0.396	176.2344	0.138	12.72921 ± 0.18871	40.11 ± 0.59	66.51	2.46	0.111 ± 0.017
14D27027	24.5 %		0.1720614	0.941	32.7273	8.363	0.1695628	22.144	7.73641	0.474	157.0940	0.154	13.10647 ± 0.22741	41.29 ± 0.71	64.36	2.06	0.101 ± 0.017
		Σ	6.9820071	0.147	1147.5025	1.412	6.2081854	3.694	374.43416	0.059	7785.2750	0.019					

Information on Analysis and Constants Used in Calculations

Project = **RURUTU (13-INT-08)**
Sample = **RR1310-D14-08**
Material = **Groundmass**
Location = **Rurutu Hotspot**
Region = **Tuvalu**
Analyst = **Kevin Konrad**
Irradiation = **14-OSU-02 (2A39-14)**
Position = **X: 0 | Y: 0 | Z/H: 46.6 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al. (2008)**
FCT-NM 40Ar/39Ar Ratio = **8.91989 ± 0.00838**
FCT-NM J-value = **0.00176206 ± 0.00000166**
Air Shot 40Ar/36Ar = **303.9060 ± 0.4164**
Air Shot MDF = **0.99307610 ± 0.00066630 (LIN)**
Experiment Type = **Incremental Heating**
Extraction Method = **Bulk Laser Heating**
Heating = **77 sec**
Isolation = **10.00 min**
Instrument = **ARGUS-VI-D**
Preferred Age = **Plateau Age**
Age Classification = **Eruption Age**
IGSN = **IEKK1-RR1310-D14-08GM**
Rock Class = **Igneous>Volcanic**
Lithology = **Basalt**
Lat-Lon = **8°11.3'S - 178°23.2'E**

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) = **342.60 ± 2.02**
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		15.44003 ± 0.04460 (± 0.29%)	**48.54 ± 0.17 (± 0.34%)**	0.96	50.58	0.119 ± 0.011
		Full External Error ± 1.10		52%	24	
		Analytical Error ± 0.14		1.59	2σ Confidence Limit	
				1.0000	Error Magnification	
Total Fusion Age		14.71013 ± 0.03132 (± 0.21%)	**46.27 ± 0.13 (± 0.28%)**		36	0.140 ± 0.004
		Full External Error ± 1.05				
		Analytical Error ± 0.10				
Normal Isochron	**342.37 ± 3.98 (± 1.16%)**	15.43872 ± 0.08124 (± 0.53%)	**48.54 ± 0.27 (± 0.55%)**	1.13	50.58	
		Full External Error ± 1.12		30%	24	
		Analytical Error ± 0.25		1.60	2σ Confidence Limit	
				1.0635	Error Magnification	
				17	Number of Iterations	
				0.0001462850	Convergence	
Inverse Isochron	**342.39 ± 3.99 (± 1.17%)**	15.44125 ± 0.08150 (± 0.53%)	**48.54 ± 0.27 (± 0.55%)**	1.14	50.58	
		Full External Error ± 1.12		30%	24	
		Analytical Error ± 0.25		1.60	2σ Confidence Limit	
				1.0658	Error Magnification	
				3	Number of Iterations	
				0.0000194864	Convergence	
				44%	Spreading Factor	

Notes
Excess Initial 40Ar/36Ar = 342.60 ± 0.59 (%SD). Sample has a low temperature excess Ar pattern with an intercept of 346.6 +/- 0.58 (% 1sigma). When corrected the age is close but slightly lower than the corresponding plagioclase age. The age is slightly s

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
14D26980	1.8 %		0.6592487	3.8999	0.0245739	5.38096	76.5992	44.80 ± 2.06	25.32	1.44	0.593 ± 0.867
14D26982	1.9 %	✓	0.5653593	9.4862	0.0025269	7.37228	113.7392	48.50 ± 1.35	36.99	1.97	0.334 ± 0.190
14D26983	2.0 %	✓	0.2191233	5.1636	0.0213449	3.85620	59.1513	48.23 ± 1.58	44.06	1.03	0.321 ± 0.322
14D26985	2.1 %	✓	0.3041261	7.7329	0.0000000	7.06006	108.5727	48.35 ± 0.99	51.02	1.89	0.393 ± 0.278
14D26986	2.2 %	✓	0.2167105	10.8317	0.0431477	6.68113	101.8337	47.93 ± 0.93	57.83	1.79	0.265 ± 0.133
14D26987	2.3 %	✓	0.1652813	9.6242	0.0140553	5.73748	89.7839	49.19 ± 0.98	61.31	1.54	0.256 ± 0.138
14D26989	2.4 %	✓	0.1260793	4.4238	0.0232499	3.99596	62.1656	48.90 ± 1.35	58.99	1.07	0.388 ± 0.484
14D26990	2.5 %	✓	0.1044617	5.3753	0.0261025	4.57650	71.6210	49.19 ± 1.16	66.67	1.22	0.366 ± 0.349
14D26991	2.6 %	✓	0.1486990	10.9288	0.0215852	6.17109	94.9019	48.35 ± 0.91	65.06	1.65	0.243 ± 0.114
14D26993	2.7 %	✓	0.1344138	11.3616	0.0000000	6.33746	98.1566	48.69 ± 0.85	68.06	1.70	0.240 ± 0.110
14D26994	2.8 %	✓	0.1036122	9.6485	0.0072569	5.47584	84.1151	48.30 ± 0.97	70.31	1.47	0.244 ± 0.146
14D26995	2.9 %	✓	0.1028906	12.5161	0.0215182	5.64304	87.8007	48.91 ± 0.93	71.34	1.51	0.194 ± 0.083
14D26997	3.0 %	✓	0.1014759	12.1574	0.0278363	5.83705	88.9019	47.89 ± 0.90	71.87	1.56	0.206 ± 0.092
14D26998	3.2 %	✓	0.0887530	9.4484	0.0083760	5.81635	90.1721	48.74 ± 0.88	74.77	1.56	0.265 ± 0.148
14D26999	3.4 %	✓	0.0970909	14.1316	0.0000000	6.44192	100.9488	49.26 ± 0.80	75.20	1.72	0.196 ± 0.074
14D27001	3.6 %	✓	0.1222548	20.1871	0.0000000	8.47396	131.3258	48.72 ± 0.64	75.80	2.27	0.181 ± 0.049
14D27002	3.9 %	✓	0.1104829	19.8422	0.0003210	7.50027	115.8448	48.56 ± 0.72	75.36	2.01	0.163 ± 0.042
14D27003	4.2 %	✓	0.1205390	21.5706	0.0000000	8.40212	130.9787	49.00 ± 0.63	76.01	2.25	0.167 ± 0.040
14D27005	4.5 %	✓	0.1490644	21.4379	0.0030880	8.37814	128.5868	48.25 ± 0.67	71.56	2.24	0.168 ± 0.041
14D27006	4.8 %	✓	0.1548937	34.0817	0.0000000	12.55628	194.5850	48.72 ± 0.47	78.56	3.36	0.158 ± 0.025
14D27007	5.1 %	✓	0.1346552	29.1307	0.0000000	8.96972	139.4926	48.89 ± 0.62	75.13	2.40	0.132 ± 0.026
14D27009	5.4 %	✓	0.1276482	37.4274	0.0000000	11.14287	171.5712	48.41 ± 0.49	79.67	2.98	0.128 ± 0.018
14D27010	5.8 %	✓	0.1422129	41.5342	0.0070464	11.36280	174.9876	48.42 ± 0.50	78.21	3.04	0.118 ± 0.015
14D27011	6.2 %	✓	0.1306869	49.6994	0.0410622	12.70879	196.5571	48.62 ± 0.45	81.43	3.40	0.110 ± 0.012
14D27013	6.8 %	✓	0.2185722	75.7352	0.0000000	18.50833	283.6323	48.18 ± 0.34	79.10	4.95	0.105 ± 0.008
14D27014	7.4 %		0.1720754	71.9004	0.0132335	17.74773	270.8043	47.98 ± 0.34	82.11	4.75	0.106 ± 0.008
14D27015	8.3 %		0.1801203	93.8407	0.0174526	21.37731	322.9627	47.51 ± 0.29	83.94	5.72	0.098 ± 0.006
14D27017	9.3 %		0.1898222	84.7900	0.0000000	21.79622	323.2832	46.65 ± 0.27	83.23	5.83	0.111 ± 0.007
14D27018	10.4 %		0.1969116	69.2835	0.0548340	19.46258	280.8107	45.40 ± 0.31	80.61	5.21	0.121 ± 0.009
14D27019	11.7 %		0.2151963	62.3337	0.0102975	19.15114	265.5862	43.66 ± 0.31	78.25	5.13	0.132 ± 0.011
14D27021	13.5 %		0.2212004	60.0175	0.0374069	18.69583	252.5527	42.54 ± 0.32	76.90	5.00	0.134 ± 0.012
14D27022	15.5 %		0.2312891	57.3647	0.0102081	17.88012	232.7298	41.01 ± 0.34	74.58	4.79	0.134 ± 0.013
14D27023	17.6 %		0.1948327	49.4254	0.0895561	14.22657	182.3715	40.39 ± 0.40	73.19	3.81	0.124 ± 0.013
14D27025	19.8 %		0.1909390	42.6385	0.0000000	12.01251	151.1246	39.65 ± 0.47	69.78	3.21	0.121 ± 0.015
14D27026	22.1 %		0.1721787	35.8040	0.0021267	9.20801	117.2107	40.11 ± 0.59	66.51	2.46	0.111 ± 0.017
14D27027	24.5 %		0.1633312	32.7273	0.0438756	7.71430	101.1072	41.29 ± 0.71	64.36	2.06	0.101 ± 0.017
	Σ		6.6762326	1147.5025	0.5720823	373.65891	5496.5692				

Information on Analysis

Project = **RURUTU (13-INT-08)**
Sample = **RR1310-D14-08**
Material = **Groundmass**
Location = **Rurutu Hotspot**
Region = **Tuvalu**
Analyst = **Kevin Konrad**
Irradiation = **14-OSU-02 (2A39-14)**
J = **0.00176206 ± 0.00000166**
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	15.44003	± 0.04460	**48.54**	**± 0.17**	0.96	50.58	0.119 ± 0.011
		± 0.29%		**± 0.34%**	52%	24	
			Full External Error	± 1.10	1.59	2σ Confidence Limit	
			Analytical Error	± 0.14	1.0000	Error Magnification	
Total Fusion Age	14.71013	± 0.03132	**46.27**	**± 0.13**		36	0.140 ± 0.004
		± 0.21%		**± 0.28%**			
			Full External Error	± 1.05			
			Analytical Error	± 0.10			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
14D26980	1.8 %		8.16 ± 0.13	458.79 ± 4.28	0.5554
14D26982	1.9 %	✓	13.04 ± 0.18	543.78 ± 5.47	0.7123
14D26983	2.0 %	✓	17.60 ± 0.44	612.55 ± 10.76	0.6663
14D26985	2.1 %	✓	23.21 ± 0.40	699.60 ± 9.70	0.7808
14D26986	2.2 %	✓	30.83 ± 0.64	812.51 ± 14.53	0.8353
14D26987	2.3 %	✓	34.71 ± 0.84	885.82 ± 18.76	0.8526
14D26989	2.4 %	✓	31.69 ± 1.01	835.67 ± 22.53	0.8193
14D26990	2.5 %	✓	43.81 ± 1.52	1028.22 ± 32.07	0.8786
14D26991	2.6 %	✓	41.50 ± 1.08	980.81 ± 23.00	0.8807
14D26993	2.7 %	✓	47.15 ± 1.26	1072.86 ± 26.30	0.8976
14D26994	2.8 %	✓	52.85 ± 1.84	1154.43 ± 37.44	0.9175
14D26995	2.9 %	✓	54.85 ± 1.87	1195.94 ± 38.19	0.9236
14D26997	3.0 %	✓	57.52 ± 1.98	1218.69 ± 39.38	0.9268
14D26998	3.2 %	✓	65.53 ± 2.44	1358.59 ± 48.11	0.9377
14D26999	3.4 %	✓	66.35 ± 2.30	1382.34 ± 45.76	0.9456
14D27001	3.6 %	✓	69.31 ± 2.02	1416.80 ± 39.75	0.9529
14D27002	3.9 %	✓	67.89 ± 2.13	1391.13 ± 41.70	0.9426
14D27003	4.2 %	✓	69.70 ± 2.00	1429.21 ± 39.61	0.9540
14D27005	4.5 %	✓	56.20 ± 1.41	1205.23 ± 28.49	0.9310
14D27006	4.8 %	✓	81.06 ± 1.96	1598.85 ± 37.54	0.9644
14D27007	5.1 %	✓	66.61 ± 1.81	1378.52 ± 35.87	0.9492
14D27009	5.4 %	✓	87.29 ± 2.40	1686.69 ± 45.20	0.9680
14D27010	5.8 %	✓	79.90 ± 1.94	1573.06 ± 36.90	0.9557
14D27011	6.2 %	✓	97.25 ± 2.68	1846.63 ± 49.67	0.9718
14D27013	6.8 %	✓	84.68 ± 1.52	1640.26 ± 28.66	0.9687
14D27014	7.4 %		103.14 ± 2.27	1916.35 ± 41.44	0.9776
14D27015	8.3 %		118.68 ± 2.52	2135.64 ± 44.64	0.9820
14D27017	9.3 %		114.82 ± 2.24	2045.68 ± 39.41	0.9812
14D27018	10.4 %		98.84 ± 1.95	1768.67 ± 34.33	0.9764
14D27019	11.7 %		88.99 ± 1.57	1576.76 ± 27.19	0.9719
14D27021	13.5 %		84.52 ± 1.50	1484.34 ± 25.67	0.9701
14D27022	15.5 %		77.31 ± 1.32	1348.83 ± 22.38	0.9614
14D27023	17.6 %		73.02 ± 1.47	1278.64 ± 25.10	0.9638
14D27025	19.8 %		62.91 ± 1.26	1134.08 ± 21.73	0.9455
14D27026	22.1 %		53.48 ± 1.16	1023.35 ± 20.93	0.9224
14D27027	24.5 %		47.23 ± 1.12	961.63 ± 21.11	0.9069

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	**342.37 ± 3.98**	15.43872 ± 0.08124	**48.54 ± 0.27**	1.13
	± 1.16%	± 0.53%	**± 0.55%**	30%
			Full External Error ± 1.12	
			Analytical Error ± 0.25	

Statistics				
	2σ Confidence Limit	1.60	Convergence	0.000146285044
	Error Magnification	1.0635	Number of Iterations	17
	Number of Data Points	24	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
14D26980	1.8 %		0.0177908 ± 0.0002410	0.00217964 ± 0.00002032	0.0205
14D26982	1.9 %	✓	0.0239802 ± 0.0002319	0.00183898 ± 0.00001850	0.0258
14D26983	2.0 %	✓	0.0287298 ± 0.0005414	0.00163253 ± 0.00002867	0.0390
14D26985	2.1 %	✓	0.0331822 ± 0.0003584	0.00142939 ± 0.00001982	0.0347
14D26986	2.2 %	✓	0.0379440 ± 0.0004362	0.00123076 ± 0.00002200	0.0369
14D26987	2.3 %	✓	0.0391880 ± 0.0004966	0.00112890 ± 0.00002391	0.0408
14D26989	2.4 %	✓	0.0379265 ± 0.0006956	0.00119665 ± 0.00003226	0.0425
14D26990	2.5 %	✓	0.0426079 ± 0.0007077	0.00097255 ± 0.00003033	0.0392
14D26991	2.6 %	✓	0.0423123 ± 0.0005232	0.00101956 ± 0.00002390	0.0380
14D26993	2.7 %	✓	0.0439470 ± 0.0005198	0.00093209 ± 0.00002285	0.0386
14D26994	2.8 %	✓	0.0457798 ± 0.0006341	0.00086623 ± 0.00002810	0.0363
14D26995	2.9 %	✓	0.0458593 ± 0.0005992	0.00083616 ± 0.00002670	0.0369
14D26997	3.0 %	✓	0.0471995 ± 0.0006095	0.00082055 ± 0.00002652	0.0367
14D26998	3.2 %	✓	0.0482369 ± 0.0006253	0.00073606 ± 0.00002607	0.0350
14D26999	3.4 %	✓	0.0479980 ± 0.0005407	0.00072341 ± 0.00002395	0.0350
14D27001	3.6 %	✓	0.0489229 ± 0.0004328	0.00070582 ± 0.00001980	0.0315
14D27002	3.9 %	✓	0.0487993 ± 0.0005125	0.00071884 ± 0.00002155	0.0314
14D27003	4.2 %	✓	0.0487715 ± 0.0004206	0.00069969 ± 0.00001939	0.0331
14D27005	4.5 %	✓	0.0466343 ± 0.0004266	0.00082972 ± 0.00001961	0.0337
14D27006	4.8 %	✓	0.0507014 ± 0.0003242	0.00062545 ± 0.00001469	0.0257
14D27007	5.1 %	✓	0.0483216 ± 0.0004129	0.00072541 ± 0.00001888	0.0306
14D27009	5.4 %	✓	0.0517543 ± 0.0003574	0.00059288 ± 0.00001589	0.0275
14D27010	5.8 %	✓	0.0507926 ± 0.0003641	0.00063570 ± 0.00001491	0.0279
14D27011	6.2 %	✓	0.0526614 ± 0.0003421	0.00054153 ± 0.00001457	0.0231
14D27013	6.8 %	✓	0.0516250 ± 0.0002299	0.00060966 ± 0.00001065	0.0237
14D27014	7.4 %		0.0538206 ± 0.0002495	0.00052182 ± 0.00001128	0.0219
14D27015	8.3 %		0.0555728 ± 0.0002226	0.00046824 ± 0.00000979	0.0193
14D27017	9.3 %		0.0561301 ± 0.0002118	0.00048883 ± 0.00000942	0.0218
14D27018	10.4 %		0.0558832 ± 0.0002386	0.00056540 ± 0.00001097	0.0238
14D27019	11.7 %		0.0564410 ± 0.0002341	0.00063421 ± 0.00001094	0.0289
14D27021	13.5 %		0.0569412 ± 0.0002446	0.00067370 ± 0.00001165	0.0294
14D27022	15.5 %		0.0573137 ± 0.0002698	0.00074138 ± 0.00001230	0.0314
14D27023	17.6 %		0.0571070 ± 0.0003074	0.00078208 ± 0.00001535	0.0361
14D27025	19.8 %		0.0554747 ± 0.0003614	0.00088177 ± 0.00001689	0.0404
14D27026	22.1 %		0.0522591 ± 0.0004401	0.00097718 ± 0.00001999	0.0440
14D27027	24.5 %		0.0491155 ± 0.0004917	0.00103990 ± 0.00002283	0.0433

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	**342.39 ± 3.99**	15.44125 ± 0.08150	**48.54 ± 0.27**	1.14
	± 1.17%	± 0.53%	**± 0.55%**	30%
			Full External Error ± 1.12	
			Analytical Error ± 0.25	

Statistics				
	2σ Confidence Limit	1.60	Convergence	0.0000194864
	Error Magnification	1.0658	Number of Iterations	3
	Number of Data Points	24	Calculated Line	Weighted York-2
	Spreading Factor	44.3%		

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
14D26980	1.8 %		0.6592487	0.46	0.0000000	0.00	0.0010385	73.09	0.0000083	155.13	3.8999	73.09	0.1232136	0.46	0.0000000	0.00	0.0647384	0.69	0.0002800	74.21	0.0245739	155.13	5.38096	0.67	0.0026348	73.10	76.5992	2.23	225.8586	0.75	0.0000000	0.00	0.0205714	2.74
14D26982	1.9 %	✓	0.5653593	0.50	0.0000000	0.00	0.0025262	28.42	0.0000009	######	9.4862	28.42	0.1056656	0.50	0.0000000	0.00	0.0886958	0.50	0.0006811	31.18	0.0025269	######	7.37228	0.48	0.0064089	28.45	113.7392	1.33	193.6921	0.77	0.0000000	0.00	0.0281842	2.70
14D26983	2.0 %	✓	0.2191233	0.86	0.0000000	0.00	0.0013751	50.09	0.0000072	183.40	5.1636	50.09	0.0409541	0.86	0.0000000	0.00	0.0463939	0.94	0.0003707	51.71	0.0213449	183.40	3.85620	0.92	0.0034885	50.11	59.1513	1.38	75.0716	1.04	0.0000000	0.00	0.0147422	2.82
14D26985	2.1 %	✓	0.3041261	0.68	0.0000000	0.00	0.0020593	35.45	0.0000000	0.00	7.7329	35.45	0.0568412	0.68	0.0000000	0.00	0.0849396	0.55	0.0005552	37.69	0.0000000	0.00	7.06006	0.53	0.0052244	35.47	108.5727	0.90	104.1936	0.90	0.0000000	0.00	0.0269906	2.71
14D26986	2.2 %	✓	0.2167105	0.88	0.0000000	0.00	0.0028845	25.15	0.0000147	89.17	10.8317	25.15	0.0405032	0.88	0.0000000	0.00	0.0803806	0.58	0.0007777	28.23	0.0431477	89.18	6.68113	0.56	0.0073179	25.18	101.8337	0.81	74.2450	1.06	0.0000000	0.00	0.0255419	2.72
14D26987	2.3 %	✓	0.1652813	1.05	0.0000000	0.00	0.0025629	26.94	0.0000048	274.19	9.6242	26.94	0.0308911	1.05	0.0000000	0.00	0.0690276	0.63	0.0006910	29.84	0.0140553	274.19	5.73748	0.61	0.0065021	26.98	89.7839	0.80	56.6254	1.20	0.0000000	0.00	0.0219344	2.73
14D26989	2.4 %	✓	0.1260793	1.33	0.0000000	0.00	0.0011780	62.29	0.0000079	171.91	4.4238	62.29	0.0235642	1.33	0.0000000	0.00	0.0480753	0.90	0.0003176	63.60	0.0232499	171.92	3.99596	0.89	0.0029887	62.31	62.1656	1.08	43.1948	1.45	0.0000000	0.00	0.0152765	2.80
14D26990	2.5 %	✓	0.1044617	1.54	0.0000000	0.00	0.0014315	47.70	0.0000089	137.23	5.3753	47.70	0.0195239	1.54	0.0000000	0.00	0.0550599	0.82	0.0003859	49.39	0.0261025	137.24	4.57650	0.80	0.0036316	47.71	71.6210	0.89	35.7886	1.65	0.0000000	0.00	0.0174960	2.78
14D26991	2.6 %	✓	0.1486990	1.16	0.0000000	0.00	0.0029103	23.53	0.0000073	172.98	10.9288	23.53	0.0277918	1.16	0.0000000	0.00	0.0742444	0.62	0.0007847	26.80	0.0215852	172.98	6.17109	0.60	0.0073835	23.57	94.9019	0.74	50.9443	1.30	0.0000000	0.00	0.0235921	2.73
14D26993	2.7 %	✓	0.1344138	1.21	0.0000000	0.00	0.0030256	23.00	0.0000000	0.00	11.3616	23.00	0.0251219	1.21	0.0000000	0.00	0.0762460	0.59	0.0008158	26.33	0.0000000	0.00	6.33746	0.57	0.0076759	23.04	98.1566	0.68	46.0502	1.35	0.0000000	0.00	0.0242281	2.72
14D26994	2.8 %	✓	0.1036122	1.61	0.0000000	0.00	0.0025694	29.86	0.0000025	500.80	9.6485	29.86	0.0193651	1.61	0.0000000	0.00	0.0658799	0.68	0.0006928	32.50	0.0072569	500.80	5.47584	0.66	0.0065185	29.89	84.1151	0.78	35.4975	1.71	0.0000000	0.00	0.0209341	2.74
14D26995	2.9 %	✓	0.1028906	1.58	0.0000000	0.00	0.0033330	21.40	0.0000073	178.67	12.5161	21.40	0.0192303	1.58	0.0000000	0.00	0.0678914	0.64	0.0008987	24.95	0.0215182	178.68	5.64304	0.62	0.0084559	21.44	87.8007	0.73	35.2503	1.69	0.0000000	0.00	0.0215733	2.73
14D26997	3.0 %	✓	0.1014759	1.60	0.0000000	0.00	0.0032375	22.29	0.0000095	135.22	12.1574	22.29	0.0189658	1.60	0.0000000	0.00	0.0702256	0.64	0.0008729	25.72	0.0278363	135.23	5.83705	0.62	0.0082135	22.33	88.9019	0.72	34.7656	1.71	0.0000000	0.00	0.0223151	2.73
14D26998	3.2 %	✓	0.0887530	1.76	0.0000000	0.00	0.0025161	27.95	0.0000028	459.10	9.4484	27.95	0.0165879	1.76	0.0000000	0.00	0.0699765	0.64	0.0006784	30.75	0.0083760	459.10	5.81635	0.62	0.0063834	27.98	90.1721	0.68	30.4068	1.86	0.0000000	0.00	0.0222359	2.73
14D26999	3.4 %	✓	0.0970909	1.65	0.0000000	0.00	0.0037632	18.90	0.0000000	0.00	14.1316	18.90	0.0181463	1.65	0.0000000	0.00	0.0775028	0.56	0.0010146	22.84	0.0000000	0.00	6.44192	0.53	0.0095473	18.95	100.9488	0.62	33.2633	1.75	0.0000000	0.00	0.0246275	2.71
14D27001	3.6 %	✓	0.1222548	1.40	0.0000000	0.00	0.0053758	13.61	0.0000000	0.00	20.1871	13.61	0.0228494	1.40	0.0000000	0.00	0.1019502	0.45	0.0014494	18.70	0.0000000	0.00	8.47396	0.42	0.0136384	13.68	131.3258	0.52	41.8845	1.52	0.0000000	0.00	0.0323959	2.69
14D27002	3.9 %	✓	0.1104829	1.49	0.0000000	0.00	0.0052840	12.85	0.0000001	######	19.8422	12.85	0.0206493	1.49	0.0000000	0.00	0.0902357	0.53	0.0014247	18.15	0.0003210	######	7.50027	0.50	0.0134054	12.92	115.8448	0.56	37.8514	1.60	0.0000000	0.00	0.0286735	2.71
14D27003	4.2 %	✓	0.1205390	1.38	0.0000000	0.00	0.0057443	12.04	0.0000000	0.00	21.5706	12.04	0.0225287	1.38	0.0000000	0.00	0.1010859	0.44	0.0015488	17.59	0.0000000	0.00	8.40212	0.41	0.0145731	12.12	130.9787	0.51	41.2967	1.50	0.0000000	0.00	0.0321213	2.69
14D27005	4.5 %	✓	0.1490644	1.17	0.0000000	0.00	0.0057089	12.15	0.0000011	######	21.4379	12.15	0.0278601	1.17	0.0000000	0.00	0.1007974	0.47	0.0015392	17.66	0.0030880	######	8.37814	0.44	0.0144835	12.22	128.5868	0.55	51.0695	1.31	0.0000000	0.00	0.0320296	2.70
14D27006	4.8 %	✓	0.1548937	1.17	0.0000000	0.00	0.0090760	7.79	0.0000000	0.00	34.0817	7.79	0.0289496	1.17	0.0000000	0.00	0.1510646	0.34	0.0024471	15.00	0.0000000	0.00	12.55628	0.30	0.0230256	7.90	194.5850	0.38	53.0666	1.31	0.0000000	0.00	0.0480027	2.68
14D27007	5.1 %	✓	0.1346552	1.29	0.0000000	0.00	0.0077575	9.75	0.0000000	0.00	29.1307	9.75	0.0251671	1.29	0.0000000	0.00	0.1079147	0.44	0.0020916	16.11	0.0000000	0.00	8.96972	0.41	0.0196807	9.84	139.4926	0.50	46.1329	1.42	0.0000000	0.00	0.0342912	2.69
14D27009	5.4 %	✓	0.1276482	1.34	0.0000000	0.00	0.0099669	7.06	0.0000000	0.00	37.4274	7.06	0.0238574	1.34	0.0000000	0.00	0.1340599	0.36	0.0026873	14.63	0.0000000	0.00	11.14287	0.33	0.0252860	7.18	171.5712	0.40	43.7323	1.46	0.0000000	0.00	0.0425992	2.68
14D27010	5.8 %	✓	0.1422129	1.17	0.0000000	0.00	0.0110606	6.43	0.0000024	533.63	41.5342	6.43	0.0265796	1.17	0.0000000	0.00	0.1367059	0.38	0.0029822	14.34	0.0070464	533.64	11.36280	0.34	0.0280605	6.56	174.9876	0.39	48.7221	1.31	0.0000000	0.00	0.0434400	2.68
14D27011	6.2 %	✓	0.1306869	1.34	0.0000000	0.00	0.0132349	5.63	0.0000140	89.41	49.6994	5.62	0.0244254	1.34	0.0000000	0.00	0.1528995	0.35	0.0035684	14.00	0.0410622	89.41	12.70879	0.31	0.0335769	5.78	196.5571	0.36	44.7733	1.47	0.0000000	0.00	0.0485857	2.68
14D27013	6.8 %	✓	0.2185722	0.87	0.0000000	0.00	0.0201683	3.64	0.0000000	0.00	75.7352	3.64	0.0408511	0.87	0.0000000	0.00	0.2226737	0.27	0.0054378	13.33	0.0000000	0.00	18.50833	0.21	0.0511667	3.87	283.6323	0.29	74.8828	1.05	0.0000000	0.00	0.0707573	2.67
14D27014	7.4 %		0.1720754	1.08	0.0000000	0.00	0.0191471	3.88	0.0000045	289.66	71.9004	3.87	0.0321609	1.08	0.0000000	0.00	0.2135230	0.27	0.0051624	13.39	0.0132335	289.66	17.74773	0.22	0.0485759	4.09	270.8043	0.28	58.9530	1.23	0.0000000	0.00	0.0678496	2.67
14D27015	8.3 %		0.1801203	1.04	0.0000000	0.00	0.0249898	3.09	0.0000059	218.61	93.8407	3.09	0.0336645	1.04	0.0000000	0.00	0.2571904	0.25	0.0067378	13.19	0.0174526	218.61	21.37731	0.19	0.0633988	3.36	322.9627	0.24	61.7092	1.20	0.0000000	0.00	0.0817255	2.67
14D27017	9.3 %		0.1898222	0.96	0.0000000	0.00	0.0225796	3.24	0.0000000	0.00	84.7900	3.24	0.0354778	0.96	0.0000000	0.00	0.2622304	0.24	0.0060879	13.22	0.0000000	0.00	21.79622	0.18	0.0572841	3.49	323.2832	0.24	65.0331	1.13	0.0000000	0.00	0.0833270	2.67
14D27018	10.4 %		0.1969116	0.97	0.0000000	0.00	0.0184502	3.92	0.0000187	72.95	69.2835	3.91	0.0368028	0.97	0.0000000	0.00	0.2341543	0.26	0.0049746	13.40	0.0548340	72.95	19.46258	0.20	0.0468080	4.13	280.8107	0.29	67.4619	1.13	0.0000000	0.00	0.0744054	2.67
14D27019	11.7 %		0.2151963	0.86	0.0000000	0.00	0.0165995	4.26	0.0000035	369.47	62.3337	4.26	0.0402202	0.86	0.0000000	0.00	0.2304073	0.25	0.0044756	13.51	0.0102975	369.47	19.15114	0.19	0.0421126	4.46	265.5862	0.30	73.7262	1.04	0.0000000	0.00	0.0732148	2.67
14D27021	13.5 %		0.2212004	0.86	0.0000000	0.00	0.0159827	4.60	0.0000127	102.88	60.0175	4.60	0.0413424	0.86	0.0000000	0.00	0.2249295	0.26	0.0043093	13.62	0.0374069	102.88	18.69583	0.20	0.0405478	4.78	252.5527	0.33	75.7833	1.04	0.0000000	0.00	0.0714742	2.67
14D27022	15.5 %		0.2312891	0.83	0.0000000	0.00	0.0152762	4.75	0.0000035	364.23	57.3647	4.75	0.0432279	0.83	0.0000000	0.00	0.2151157	0.27	0.0041188	13.67	0.0102081	364.23	17.88012	0.22	0.0387556	4.93	232.7298	0.36	79.2397	1.02	0.0000000	0.00	0.0683557	2.67
14D27023	17.6 %		0.1948327	0.98	0.0000000	0.00	0.0131620	5.35	0.0000305	43.45	49.4254	5.35	0.0364142	0.98	0.0000000	0.00	0.1711598	0.30	0.0035487	13.89	0.0895561	43.46	14.22657	0.25	0.0333918	5.51	182.3715	0.44	66.7497	1.14	0.0000000	0.00	0.0543882	2.67
14D27025	19.8 %		0.1909390	0.95	0.0000000	0.00	0.0113546	6.32	0.0000000	0.00	42.6385	6.32	0.0356865	0.95	0.0000000	0.00	0.1445225	0.35	0.0030614	14.29	0.0000000	0.00	12.01251	0.31	0.0288066	6.46	151.1246	0.51	65.4157	1.12	0.0000000	0.00	0.0459238	2.68
14D27026	22.1 %		0.1721787	1.01	0.0000000	0.00	0.0095346	7.55	0.0000007	######	35.8040	7.55	0.0321802	1.01	0.0000000	0.00	0.1107816	0.43	0.0025707	14.88	0.0021267	######	9.20801	0.40	0.0241892	7.66	117.2107	0.63	58.9884	1.17	0.0000000	0.00	0.0352022	2.69
14D27027	24.5 %		0.1633312	1.09	0.0000000	0.00	0.0087153	8.36	0.0000149	85.60	32.7273	8.36	0.0305266	1.09	0.0000000	0.00	0.0928107	0.50	0.0023498	15.31	0.0438756	85.61	7.71430	0.48	0.0221106	8.47	101.1072	0.73	55.9573	1.24	0.0000000	0.00	0.0294918	2.70
		Σ	6.6762326	0.17	0.0000000	0.00	0.3055799	1.41	0.0001945	33.26	1147.5025	1.41	1.2477879	0.17	0.0000000	0.00	4.4954903	0.07	0.0823907	3.08	0.5720823	33.27	373.65891	0.06	0.7752527	1.44	5496.5692	0.09	2287.2773	0.20	0.0000000	0.00	1.4284980	0.50
		Σ							6.9820071	0.17	1147.5025	1.41									6.3977511	2.98			374.43416	0.06							7785.2750	0.09

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
14D26980	1.8 %		56.185163	0.379897	0.724401	0.529493	0.122649	0.000987	209.097	62.337073	1.00147736	1.452E-11
14D26982	1.9 %	✓	41.668606	0.201038	1.285618	0.365408	0.076963	0.000519	209.120	62.365296	1.00147752	1.476E-11
14D26983	2.0 %	✓	34.779415	0.327055	1.337829	0.670260	0.057130	0.000696	209.132	62.379840	1.00147761	6.443E-12
14D26985	2.1 %	✓	30.118147	0.162328	1.094499	0.388016	0.043337	0.000358	209.154	62.407227	1.00147776	1.021E-11
14D26986	2.2 %	✓	26.329630	0.151009	1.619471	0.407341	0.032834	0.000322	209.166	62.421781	1.00147785	8.453E-12
14D26987	2.3 %	✓	25.492975	0.161173	1.675535	0.451580	0.029222	0.000328	209.177	62.435482	1.00147793	7.029E-12
14D26989	2.4 %	✓	26.350881	0.241157	1.106232	0.689191	0.031825	0.000470	209.200	62.463750	1.00147809	5.058E-12
14D26990	2.5 %	✓	23.455030	0.194447	1.173622	0.559857	0.023122	0.000368	209.212	62.478317	1.00147817	5.157E-12
14D26991	2.6 %	✓	23.609348	0.145654	1.768855	0.416405	0.024540	0.000295	209.223	62.492030	1.00147825	7.002E-12
14D26993	2.7 %	✓	22.730950	0.134120	1.790599	0.411961	0.021661	0.000263	209.246	62.520324	1.00147841	6.923E-12
14D26994	2.8 %	✓	21.821543	0.150753	1.759922	0.525696	0.019368	0.000299	209.257	62.534046	1.00147849	5.742E-12
14D26995	2.9 %	✓	21.776998	0.141896	2.214654	0.474219	0.018797	0.000285	209.269	62.548630	1.00147857	5.907E-12
14D26997	3.0 %	✓	21.160692	0.136293	2.079867	0.463847	0.017916	0.000273	209.292	62.576949	1.00147874	5.937E-12
14D26998	3.2 %	✓	20.712121	0.133960	1.622681	0.453619	0.015675	0.000258	209.303	62.590684	1.00147881	5.789E-12
14D26999	3.4 %	✓	20.807172	0.116886	2.190448	0.414158	0.015633	0.000237	209.314	62.604422	1.00147889	6.443E-12
14D27001	3.6 %	✓	20.411286	0.090049	2.378421	0.323939	0.015037	0.000192	209.337	62.632766	1.00147906	8.316E-12
14D27002	3.9 %	✓	20.459361	0.107157	2.640818	0.339668	0.015408	0.000214	209.349	62.647373	1.00147914	7.379E-12
14D27003	4.2 %	✓	20.472108	0.088026	2.562841	0.308825	0.015004	0.000190	209.360	62.661124	1.00147922	8.271E-12
14D27005	4.5 %	✓	21.410261	0.097670	2.554375	0.310531	0.018442	0.000208	209.383	62.689494	1.00147938	8.625E-12
14D27006	4.8 %	✓	19.691042	0.062795	2.709349	0.211098	0.013035	0.000138	209.394	62.704113	1.00147946	1.189E-11
14D27007	5.1 %	✓	20.653186	0.087954	3.240565	0.316285	0.015842	0.000186	209.406	62.717876	1.00147954	8.912E-12
14D27009	5.4 %	✓	19.282147	0.066372	3.351263	0.236718	0.012322	0.000145	209.428	62.746272	1.00147970	1.034E-11
14D27010	5.8 %	✓	19.643216	0.070179	3.646274	0.234741	0.013456	0.000139	209.440	62.760044	1.00147978	1.074E-11
14D27011	6.2 %	✓	18.943026	0.061316	3.900324	0.219711	0.011296	0.000129	209.451	62.774681	1.00147986	1.159E-11
14D27013	6.8 %	✓	19.320883	0.042853	4.080671	0.148767	0.012864	0.000098	209.474	62.803102	1.00148003	1.721E-11
14D27014	7.4 %		18.533344	0.042809	4.040187	0.156783	0.010745	0.000098	209.485	62.816887	1.00148011	1.583E-11
14D27015	8.3 %		17.945004	0.035801	4.376753	0.135543	0.009567	0.000082	209.497	62.831536	1.00148019	1.847E-11
14D27017	9.3 %		17.772872	0.033416	3.879926	0.125718	0.009719	0.000078	209.520	62.859983	1.00148035	1.864E-11
14D27018	10.4 %		17.855356	0.037990	3.551293	0.139163	0.011040	0.000093	209.531	62.873781	1.00148043	1.672E-11
14D27019	11.7 %		17.682552	0.036565	3.247688	0.138432	0.012077	0.000092	209.543	62.888443	1.00148051	1.629E-11
14D27021	13.5 %		17.527799	0.037527	3.203262	0.147436	0.012660	0.000097	209.566	62.916916	1.00148067	1.576E-11
14D27022	15.5 %		17.413917	0.040870	3.201354	0.152222	0.013760	0.000103	209.577	62.930726	1.00148075	1.498E-11
14D27023	17.6 %		17.473797	0.046884	3.466030	0.185612	0.014588	0.000129	209.588	62.944539	1.00148083	1.196E-11
14D27025	19.8 %		17.986929	0.058391	3.541019	0.224126	0.016800	0.000148	209.611	62.973037	1.00148099	1.040E-11
14D27026	22.1 %		19.089092	0.080091	3.878161	0.293186	0.019683	0.000189	209.623	62.987723	1.00148108	8.459E-12
14D27027	24.5 %		20.305799	0.101257	4.230301	0.354362	0.022240	0.000234	209.634	63.001548	1.00148116	7.541E-12

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
14D26980	1.8 %	0.0274831 ± 0.0010578	0.0036991 ± 0.0295153	0.2980934 ± 0.0262342	0.0017098 ± 0.0245162	8.0731644 ± 0.2395334
14D26982	1.9 %	0.0278366 ± 0.0010578	0.0264527 ± 0.0295153	0.3010453 ± 0.0262342	0.0033313 ± 0.0245162	8.1518803 ± 0.2395334
14D26983	2.0 %	0.0279495 ± 0.0010578	0.0347294 ± 0.0295153	0.3022350 ± 0.0262342	0.0047060 ± 0.0245162	8.1798850 ± 0.2395334
14D26985	2.1 %	0.0280564 ± 0.0010578	0.0450026 ± 0.0295153	0.3039200 ± 0.0262342	0.0079630 ± 0.0245162	8.2130947 ± 0.2395334
14D26986	2.2 %	0.0280657 ± 0.0010578	0.0480604 ± 0.0295153	0.3045445 ± 0.0262342	0.0099239 ± 0.0245162	8.2218395 ± 0.2395334
14D26987	2.3 %	0.0280495 ± 0.0010578	0.0496636 ± 0.0295153	0.3049757 ± 0.0262342	0.0118452 ± 0.0245162	8.2252967 ± 0.2395334
14D26989	2.4 %	0.0279547 ± 0.0010578	0.0497765 ± 0.0295153	0.3054328 ± 0.0262342	0.0158472 ± 0.0245162	8.2203280 ± 0.2395334
14D26990	2.5 %	0.0278808 ± 0.0010578	0.0485039 ± 0.0295153	0.3054658 ± 0.0262342	0.0178409 ± 0.0245162	8.2126542 ± 0.2395334
14D26991	2.6 %	0.0277999 ± 0.0010578	0.0466804 ± 0.0295153	0.3053866 ± 0.0262342	0.0196275 ± 0.0245162	8.2029806 ± 0.2395334
14D26993	2.7 %	0.0276099 ± 0.0010578	0.0415614 ± 0.0295153	0.3049330 ± 0.0262342	0.0229191 ± 0.0245162	8.1775674 ± 0.2395334
14D26994	2.8 %	0.0275117 ± 0.0010578	0.0386650 ± 0.0295153	0.3045953 ± 0.0262342	0.0242789 ± 0.0245162	8.1635039 ± 0.2395334
14D26995	2.9 %	0.0274065 ± 0.0010578	0.0354521 ± 0.0295153	0.3041687 ± 0.0262342	0.0255297 ± 0.0245162	8.1479222 ± 0.2395334
14D26997	3.0 %	0.0272081 ± 0.0010578	0.0292318 ± 0.0295153	0.3031908 ± 0.0262342	0.0273417 ± 0.0245162	8.1174000 ± 0.2395334
14D26998	3.2 %	0.0271184 ± 0.0010578	0.0263984 ± 0.0295153	0.3026690 ± 0.0262342	0.0279172 ± 0.0245162	8.1031615 ± 0.2395334
14D26999	3.4 %	0.0270351 ± 0.0010578	0.0237815 ± 0.0295153	0.3021311 ± 0.0262342	0.0282953 ± 0.0245162	8.0896874 ± 0.2395334
14D27001	3.6 %	0.0268886 ± 0.0010578	0.0193211 ± 0.0295153	0.3010195 ± 0.0262342	0.0284799 ± 0.0245162	8.0653962 ± 0.2395334
14D27002	3.9 %	0.0268288 ± 0.0010578	0.0176257 ± 0.0295153	0.3004713 ± 0.0262342	0.0282895 ± 0.0245162	8.0552239 ± 0.2395334
14D27003	4.2 %	0.0267834 ± 0.0010578	0.0164572 ± 0.0295153	0.2999867 ± 0.0262342	0.0279574 ± 0.0245162	8.0473679 ± 0.2395334
14D27005	4.5 %	0.0267256 ± 0.0010578	0.0154606 ± 0.0295153	0.2991327 ± 0.0262342	0.0269067 ± 0.0245162	8.0370559 ± 0.2395334
14D27006	4.8 %	0.0267153 ± 0.0010578	0.0157204 ± 0.0295153	0.2987952 ± 0.0262342	0.0262394 ± 0.0245162	8.0350929 ± 0.2395334
14D27007	5.1 %	0.0267179 ± 0.0010578	0.0164487 ± 0.0295153	0.2985577 ± 0.0262342	0.0255816 ± 0.0245162	8.0354347 ± 0.2395334
14D27009	5.4 %	0.0267599 ± 0.0010578	0.0193853 ± 0.0295153	0.2983627 ± 0.0262342	0.0243106 ± 0.0245162	8.0429999 ± 0.2395334
14D27010	5.8 %	0.0267973 ± 0.0010578	0.0214600 ± 0.0295153	0.2984353 ± 0.0262342	0.0238312 ± 0.0245162	8.0499980 ± 0.2395334
14D27011	6.2 %	0.0268481 ± 0.0010578	0.0240813 ± 0.0295153	0.2986496 ± 0.0262342	0.0234968 ± 0.0245162	8.0597682 ± 0.2395334
14D27013	6.8 %	0.0269759 ± 0.0010578	0.0301940 ± 0.0295153	0.2995204 ± 0.0262342	0.0236182 ± 0.0245162	8.0852769 ± 0.2395334
14D27014	7.4 %	0.0270492 ± 0.0010578	0.0335258 ± 0.0295153	0.3001835 ± 0.0262342	0.0241755 ± 0.0245162	8.1005288 ± 0.2395334
14D27015	8.3 %	0.0271332 ± 0.0010578	0.0372275 ± 0.0295153	0.3010782 ± 0.0262342	0.0252272 ± 0.0245162	8.1185848 ± 0.2395334
14D27017	9.3 %	0.0273072 ± 0.0010578	0.0445325 ± 0.0295153	0.3034265 ± 0.0262342	0.0289512 ± 0.0245162	8.1582715 ± 0.2395334
14D27018	10.4 %	0.0273928 ± 0.0010578	0.0479386 ± 0.0295153	0.3048807 ± 0.0262342	0.0317246 ± 0.0245162	8.1792617 ± 0.2395334
14D27019	11.7 %	0.0274816 ± 0.0010578	0.0513063 ± 0.0295153	0.3066696 ± 0.0262342	0.0354923 ± 0.0245162	8.2024375 ± 0.2395334
14D27021	13.5 %	0.0276370 ± 0.0010578	0.0565931 ± 0.0295153	0.3109121 ± 0.0262342	0.0456270 ± 0.0245162	8.2487046 ± 0.2395334
14D27022	15.5 %	0.0276989 ± 0.0010578	0.0582963 ± 0.0295153	0.3133603 ± 0.0262342	0.0520854 ± 0.0245162	8.2710598 ± 0.2395334
14D27023	17.6 %	0.0277483 ± 0.0010578	0.0592520 ± 0.0295153	0.3160804 ± 0.0262342	0.0596910 ± 0.0245162	8.2928783 ± 0.2395334
14D27025	19.8 %	0.0277975 ± 0.0010578	0.0582207 ± 0.0295153	0.3226007 ± 0.0262342	0.0794651 ± 0.0245162	8.3344741 ± 0.2395334
14D27026	22.1 %	0.0277876 ± 0.0010578	0.0557435 ± 0.0295153	0.3264660 ± 0.0262342	0.0920604 ± 0.0245162	8.3531226 ± 0.2395334
14D27027	24.5 %	0.0277515 ± 0.0010578	0.0519597 ± 0.0295153	0.3304357 ± 0.0262342	0.1055799 ± 0.0245162	8.3682846 ± 0.2395334

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)
14D26980	1.8 %	0.6579065 ± 0.0019320	0.7883	EXP 150 of 150	0.0575646 ± 0.0336716	0.0000	EXP 150 of 150	0.0882339 ± 0.0269108	0.0038	EXP 150 of 150	5.3367993 ± 0.0258968	0.5558	EXP 150 of 150	311.33164 ± 0.04754	0.9971	EXP 150 of 150
14D26982	1.9 %	0.5700314 ± 0.0018436	0.7208	EXP 150 of 150	0.1224989 ± 0.0303287	0.0035	EXP 150 of 150	0.1062112 ± 0.0273819	0.0031	EXP 150 of 150	7.3135511 ± 0.0242397	0.7570	EXP 150 of 150	316.40426 ± 0.04726	0.9978	EXP 150 of 150
14D26983	2.0 %	0.2384793 ± 0.0011616	0.3227	EXP 150 of 150	0.0463305 ± 0.0278805	0.0000	EXP 150 of 150	0.1946813 ± 0.0283098	0.0070	EXP 150 of 150	3.8226525 ± 0.0253072	0.4449	EXP 150 of 150	142.76370 ± 0.03347	0.9647	EXP 150 of 150
14D26985	2.1 %	0.3203898 ± 0.0013026	0.5740	EXP 150 of 150	0.0763384 ± 0.0312784	0.0032	EXP 150 of 150	0.1669224 ± 0.0262495	0.0023	EXP 150 of 150	6.9981442 ± 0.0271849	0.6931	EXP 150 of 150	221.55517 ± 0.04235	0.9945	EXP 150 of 150
14D26986	2.2 %	0.2377401 ± 0.0011882	0.3232	EXP 150 of 150	0.1218654 ± 0.0308806	0.0005	EXP 150 of 150	0.1420172 ± 0.0273986	0.0032	EXP 150 of 150	6.6224965 ± 0.0272557	0.7056	EXP 150 of 150	184.78022 ± 0.04095	0.9895	EXP 150 of 150
14D26987	2.3 %	0.1883049 ± 0.0009887	0.1304	EXP 150 of 150	0.1012862 ± 0.0279682	0.0037	EXP 150 of 150	0.1918983 ± 0.0274871	0.0019	EXP 150 of 150	5.6840255 ± 0.0243386	0.6445	EXP 150 of 150	155.03414 ± 0.04035	0.9757	EXP 150 of 150
14D26989	2.4 %	0.1494624 ± 0.0009142	0.0611	EXP 150 of 150	0.0195758 ± 0.0315457	0.0072	EXP 149 of 150	0.2115440 ± 0.0294084	0.0068	EXP 150 of 150	3.9496003 ± 0.0250285	0.3636	EXP 150 of 150	113.86777 ± 0.03445	0.8086	EXP 150 of 150
14D26990	2.5 %	0.1289917 ± 0.0008647	0.0227	EXP 150 of 150	0.0357470 ± 0.0272652	0.0002	EXP 150 of 150	0.2057930 ± 0.0236448	0.0004	EXP 150 of 150	4.5239250 ± 0.0265080	0.4812	EXP 150 of 150	115.91680 ± 0.03886	0.8455	EXP 150 of 150
14D26991	2.6 %	0.1725573 ± 0.0010053	0.1122	EXP 150 of 150	0.1245758 ± 0.0274225	0.0112	EXP 149 of 150	0.1827029 ± 0.0258265	0.0000	EXP 150 of 150	6.1070932 ± 0.0265990	0.6885	EXP 150 of 150	154.44890 ± 0.03840	0.9810	EXP 150 of 150
14D26993	2.7 %	0.1588315 ± 0.0008596	0.2018	EXP 150 of 150	0.1363958 ± 0.0283351	0.0000	EXP 150 of 150	0.2221521 ± 0.0288584	0.0025	EXP 150 of 150	6.2690681 ± 0.0254724	0.6654	EXP 150 of 150	152.78053 ± 0.03237	0.9867	EXP 150 of 150
14D26994	2.8 %	0.1288920 ± 0.0008950	0.0314	EXP 150 of 150	0.1124272 ± 0.0341151	0.0001	EXP 150 of 150	0.2126910 ± 0.0244073	0.0002	EXP 150 of 150	5.4121589 ± 0.0259955	0.6122	EXP 150 of 150	128.10561 ± 0.03569	0.9549	EXP 150 of 150
14D26995	2.9 %	0.1288315 ± 0.0008737	0.0498	EXP 150 of 150	0.1604996 ± 0.0297724	0.0143	EXP 150 of 150	0.1961468 ± 0.0273634	0.0015	EXP 150 of 150	5.5786241 ± 0.0244412	0.6693	EXP 149 of 150	131.53790 ± 0.03519	0.9629	EXP 150 of 150
14D26997	3.0 %	0.1271933 ± 0.0008635	0.0515	EXP 150 of 150	0.1610174 ± 0.0304349	0.0190	EXP 150 of 150	0.1869225 ± 0.0262499	0.0096	EXP 150 of 150	5.7689600 ± 0.0254760	0.6858	EXP 150 of 150	132.12627 ± 0.03867	0.9603	EXP 150 of 150
14D26998	3.2 %	0.1142612 ± 0.0007716	0.0018	EXP 150 of 150	0.1214265 ± 0.0288940	0.0072	EXP 150 of 150	0.2083740 ± 0.0273737	0.0007	EXP 150 of 150	5.7460356 ± 0.0253922	0.6429	EXP 150 of 150	129.01526 ± 0.03628	0.9563	EXP 150 of 150
14D26999	3.4 %	0.1233266 ± 0.0008226	0.0120	EXP 150 of 150	0.1972652 ± 0.0295349	0.0083	EXP 150 of 150	0.2278162 ± 0.0272611	0.0062	EXP 150 of 150	6.3691291 ± 0.0232129	0.7398	EXP 150 of 150	142.67268 ± 0.04023	0.9736	EXP 150 of 150
14D27001	3.6 %	0.1487451 ± 0.0009675	0.0344	EXP 150 of 150	0.2963023 ± 0.0311632	0.0176	EXP 150 of 150	0.1821876 ± 0.0250131	0.0007	EXP 150 of 150	8.3880133 ± 0.0246441	0.8287	EXP 150 of 150	181.75491 ± 0.04058	0.9917	EXP 150 of 150
14D27002	3.9 %	0.1373584 ± 0.0009167	0.0392	EXP 150 of 150	0.2925339 ± 0.0267238	0.0125	EXP 150 of 150	0.1894001 ± 0.0259234	0.0009	EXP 150 of 150	7.4224386 ± 0.0275618	0.7350	EXP 150 of 150	162.17660 ± 0.03668	0.9889	EXP 150 of 150
14D27003	4.2 %	0.1473535 ± 0.0009235	0.0515	EXP 150 of 150	0.3206457 ± 0.0277958	0.0021	EXP 150 of 150	0.1997293 ± 0.0260904	0.0019	EXP 149 of 150	8.3182282 ± 0.0227584	0.8156	EXP 150 of 150	180.79923 ± 0.03984	0.9917	EXP 150 of 150
14D27005	4.5 %	0.1744978 ± 0.0010347	0.1334	EXP 150 of 150	0.3194162 ± 0.0279224	0.0028	EXP 150 of 150	0.1676933 ± 0.0253560	0.0054	EXP 150 of 150	8.2954074 ± 0.0261366	0.7810	EXP 150 of 150	188.18871 ± 0.04143	0.9923	EXP 150 of 150
14D27006	4.8 %	0.1832669 ± 0.0011116	0.1498	EXP 149 of 150	0.5165385 ± 0.0288957	0.0001	EXP 150 of 150	0.1709763 ± 0.0273914	0.0119	EXP 150 of 150	12.4476822 ± 0.0275994	0.8897	EXP 150 of 150	256.37352 ± 0.04484	0.9969	EXP 150 of 150
14D27007	5.1 %	0.1626878 ± 0.0009952	0.0512	EXP 150 of 150	0.4383902 ± 0.0329862	0.0103	EXP 150 of 150	0.1673634 ± 0.0295159	0.0001	EXP 150 of 150	8.8885091 ± 0.0258671	0.8037	EXP 150 of 150	194.17400 ± 0.04026	0.9934	EXP 150 of 150
14D27009	5.4 %	0.1581492 ± 0.0009740	0.0833	EXP 150 of 150	0.5647312 ± 0.0285343	0.0069	EXP 150 of 150	0.1599661 ± 0.0312207	0.0084	EXP 150 of 150	11.0502809 ± 0.0253210	0.8868	EXP 150 of 150	223.94439 ± 0.04366	0.9956	EXP 150 of 150
14D27010	5.8 %	0.1731388 ± 0.0008797	0.2056	EXP 150 of 150	0.6266072 ± 0.0291238	0.0180	EXP 150 of 150	0.1275210 ± 0.0261922	0.0033	EXP 150 of 150	11.2715982 ± 0.0286430	0.8592	EXP 150 of 150	232.38018 ± 0.04145	0.9964	EXP 150 of 150
14D27011	6.2 %	0.1642722 ± 0.0010171	0.0660	EXP 150 of 150	0.7512080 ± 0.0317323	0.0274	EXP 150 of 150	0.0797672 ± 0.0249305	0.0192	EXP 150 of 150	12.6211154 ± 0.0289649	0.8796	EXP 150 of 150	250.06126 ± 0.04176	0.9971	EXP 150 of 150
14D27013	6.8 %	0.2549156 ± 0.0011414	0.3334	EXP 150 of 150	1.1507086 ± 0.0303547	0.0545	EXP 150 of 150	0.0596024 ± 0.0274884	0.0044	EXP 150 of 150	18.3803835 ± 0.0275167	0.9474	EXP 150 of 150	367.59588 ± 0.04692	0.9988	EXP 150 of 150
14D27014	7.4 %	0.2096249 ± 0.0011264	0.1404	EXP 150 of 150	1.0873370 ± 0.0310723	0.0216	EXP 150 of 150	0.0397600 ± 0.0271942	0.0158	EXP 149 of 150	17.6230315 ± 0.0273930	0.9443	EXP 150 of 150	338.77623 ± 0.04977	0.9983	EXP 150 of 150
14D27015	8.3 %	0.2229697 ± 0.0011251	0.2158	EXP 149 of 150	1.4253234 ± 0.0329973	0.1298	EXP 150 of 150	0.0096051 ± 0.0269391	0.0124	EXP 150 of 150	21.2358453 ± 0.0285079	0.9617	EXP 149 of 150	393.86443 ± 0.05267	0.9987	EXP 150 of 150
14D27017	9.3 %	0.2300998 ± 0.0010581	0.1936	EXP 150 of 150	1.2763610 ± 0.0297788	0.0501	EXP 150 of 150	0.0176275 ± 0.0279614	0.0001	EXP 150 of 150	21.6414569 ± 0.0257366	0.9677	EXP 150 of 150	397.55950 ± 0.05191	0.9988	EXP 150 of 150
14D27018	10.4 %	0.2330293 ± 0.0011830	0.2891	EXP 150 of 150	1.0311520 ± 0.0294377	0.0266	EXP 150 of 150	0.0213053 ± 0.0294317	0.0282	EXP 149 of 150	19.3141988 ± 0.0272144	0.9612	EXP 150 of 150	357.42461 ± 0.05327	0.9985	EXP 150 of 150
14D27019	11.7 %	0.2487941 ± 0.0010836	0.4277	EXP 150 of 150	0.9193142 ± 0.0282850	0.0417	EXP 150 of 150	0.0252205 ± 0.0268016	0.0001	EXP 149 of 150	18.9969443 ± 0.0244604	0.9605	EXP 150 of 150	348.46331 ± 0.04930	0.9984	EXP 150 of 150
14D27021	13.5 %	0.2541019 ± 0.0011460	0.3389	EXP 150 of 150	0.8775386 ± 0.0306540	0.0434	EXP 150 of 150	0.0071883 ± 0.0273993	0.0170	EXP 150 of 150	18.5337606 ± 0.0252592	0.9576	EXP 149 of 150	337.50306 ± 0.04242	0.9988	EXP 150 of 150
14D27022	15.5 %	0.2631128 ± 0.0011453	0.4668	EXP 150 of 150	0.8343494 ± 0.0299205	0.0180	EXP 150 of 150	0.0444651 ± 0.0255944	0.0003	EXP 150 of 150	17.7166478 ± 0.0283310	0.9410	EXP 150 of 150	321.11354 ± 0.05198	0.9978	EXP 150 of 150
14D27023	17.6 %	0.2263623 ± 0.0011971	0.2934	EXP 150 of 150	0.7096834 ± 0.0282413	0.0408	EXP 150 of 150	0.0195645 ± 0.0279796	0.0412	EXP 149 of 150	14.0807833 ± 0.0236263	0.9330	EXP 150 of 150	258.11108 ± 0.04578	0.9967	EXP 150 of 150
14D27025	19.8 %	0.2209392 ± 0.0010675	0.3153	EXP 150 of 150	0.6048273 ± 0.0294745	0.0030	EXP 150 of 150	0.1442810 ± 0.0254925	0.0017	EXP 150 of 150	11.8609521 ± 0.0256510	0.8951	EXP 150 of 150	225.47927 ± 0.04478	0.9953	EXP 150 of 150
14D27026	22.1 %	0.2012808 ± 0.0009789	0.2756	EXP 150 of 150	0.5008942 ± 0.0297096	0.0214	EXP 150 of 150	0.1808511 ± 0.0283122	0.0058	EXP 150 of 150	9.0627837 ± 0.0260381	0.8311	EXP 150 of 150	185.04197 ± 0.04185	0.9916	EXP 150 of 150
14D27027	24.5 %	0.1920288 ± 0.0010330	0.2044	EXP 150 of 150	0.4567346 ± 0.0304739	0.0504	EXP 150 of 150	0.1632206 ± 0.0261300	0.0026	EXP 150 of 150	7.5660035 ± 0.0263840	0.7705	EXP 150 of 150	165.86737 ± 0.03996	0.9881	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
14D26980	1.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D26982	1.9 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D26983	2.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D26985	2.1 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D26986	2.2 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D26987	2.3 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D26989	2.4 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D26990	2.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D26991	2.6 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D26993	2.7 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D26994	2.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D26995	2.9 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D26997	3.0 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D26998	3.2 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D26999	3.4 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D27001	3.6 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D27002	3.9 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D27003	4.2 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D27005	4.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D27006	4.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D27007	5.1 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D27009	5.4 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D27010	5.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D27011	6.2 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D27013	6.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D27014	7.4 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D27015	8.3 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D27017	9.3 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D27018	10.4 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D27019	11.7 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D27021	13.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D27022	15.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D27023	17.6 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D27025	19.8 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D27026	22.1 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	01
14D27027	24.5 %	Kevin Konrad	14-OSU-02	0.00	0.00	46.60	French Polynesia\Rurutu (13-INT-08)	14D26979	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
14D26980	1.8 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	9	OCT	2014	17	29	1
14D26982	1.9 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	9	OCT	2014	18	2	1
14D26983	2.0 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	9	OCT	2014	18	19	1
14D26985	2.1 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	9	OCT	2014	18	51	1
14D26986	2.2 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	9	OCT	2014	19	8	1
14D26987	2.3 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	9	OCT	2014	19	24	1
14D26989	2.4 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	9	OCT	2014	19	57	1
14D26990	2.5 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	9	OCT	2014	20	14	1
14D26991	2.6 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	9	OCT	2014	20	30	1
14D26993	2.7 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	9	OCT	2014	21	3	1
14D26994	2.8 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	9	OCT	2014	21	19	1
14D26995	2.9 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	9	OCT	2014	21	36	1
14D26997	3.0 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	9	OCT	2014	22	9	1
14D26998	3.2 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	9	OCT	2014	22	25	1
14D26999	3.4 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	9	OCT	2014	22	41	1
14D27001	3.6 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	9	OCT	2014	23	14	1
14D27002	3.9 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	9	OCT	2014	23	31	1
14D27003	4.2 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	9	OCT	2014	23	47	1
14D27005	4.5 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	10	OCT	2014	0	20	1
14D27006	4.8 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	10	OCT	2014	0	37	1
14D27007	5.1 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	10	OCT	2014	0	53	1
14D27009	5.4 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	10	OCT	2014	1	26	1
14D27010	5.8 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	10	OCT	2014	1	42	1
14D27011	6.2 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	10	OCT	2014	1	59	1
14D27013	6.8 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	10	OCT	2014	2	32	1
14D27014	7.4 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	10	OCT	2014	2	48	1
14D27015	8.3 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	10	OCT	2014	3	5	1
14D27017	9.3 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	10	OCT	2014	3	38	1
14D27018	10.4 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	10	OCT	2014	3	54	1
14D27019	11.7 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	10	OCT	2014	4	11	1
14D27021	13.5 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	10	OCT	2014	4	44	1
14D27022	15.5 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	10	OCT	2014	5	0	1
14D27023	17.6 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	10	OCT	2014	5	16	1
14D27025	19.8 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	10	OCT	2014	5	49	1
14D27026	22.1 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	10	OCT	2014	6	6	1
14D27027	24.5 %	RR1310-D14-08	Groundmass	Rurutu Hotspot	FCT-NM (2A39-14)	28.201	0.082	Kuiper et al. (2008)	8.91989	0.094	0.00176206	0.094	303.906	0.137	0.9930761	0.067	1	4.8E-14	10	OCT	2014	6	22	1

Irradiation Constants		40/36(a)	%1σ	40/36(c)	%1σ	38/36(a)	%1σ	38/36(c)	%1σ	39/37(ca)	%1σ	38/37(ca)	%1σ	36/37(ca)	%1σ	40/39(k)	%1σ	38/39(k)	%1σ	36/38(cl)	%1σ	K/Ca	%1σ	K/Cl	%1σ	Ca/Cl	%1σ
14D26980	1.8 %	342.6	0.59	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
14D26982	1.9 %	342.6	0.59	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
14D26983	2.0 %	342.6	0.59	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
14D26985	2.1 %	342.6	0.59	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
14D26986	2.2 %	342.6	0.59	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
14D26987	2.3 %	342.6	0.59	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
14D26989	2.4 %	342.6	0.59	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
14D26990	2.5 %	342.6	0.59	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
14D26991	2.6 %	342.6	0.59	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
14D26993	2.7 %	342.6	0.59	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
14D26994	2.8 %	342.6	0.59	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
14D26995	2.9 %	342.6	0.59	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
14D26997	3.0 %	342.6	0.59	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
14D26998	3.2 %	342.6	0.59	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
14D26999	3.4 %	342.6	0.59	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
14D27001	3.6 %	342.6	0.59	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
14D27002	3.9 %	342.6	0.59	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
14D27003	4.2 %	342.6	0.59	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
14D27005	4.5 %	342.6	0.59	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
14D27006	4.8 %	342.6	0.59	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
14D27007	5.1 %	342.6	0.59	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
14D27009	5.4 %	342.6	0.59	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
14D27010	5.8 %	342.6	0.59	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
14D27011	6.2 %	342.6	0.59	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
14D27013	6.8 %	342.6	0.59	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
14D27014	7.4 %	342.6	0.59	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
14D27015	8.3 %	342.6	0.59	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
14D27017	9.3 %	342.6	0.59	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
14D27018	10.4 %	342.6	0.59	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
14D27019	11.7 %	342.6	0.59	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
14D27021	13.5 %	342.6	0.59	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
14D27022	15.5 %	342.6	0.59	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
14D27023	17.6 %	342.6	0.59	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
14D27025	19.8 %	342.6	0.59	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
14D27026	22.1 %	342.6	0.59	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
14D27027	24.5 %	342.6	0.59	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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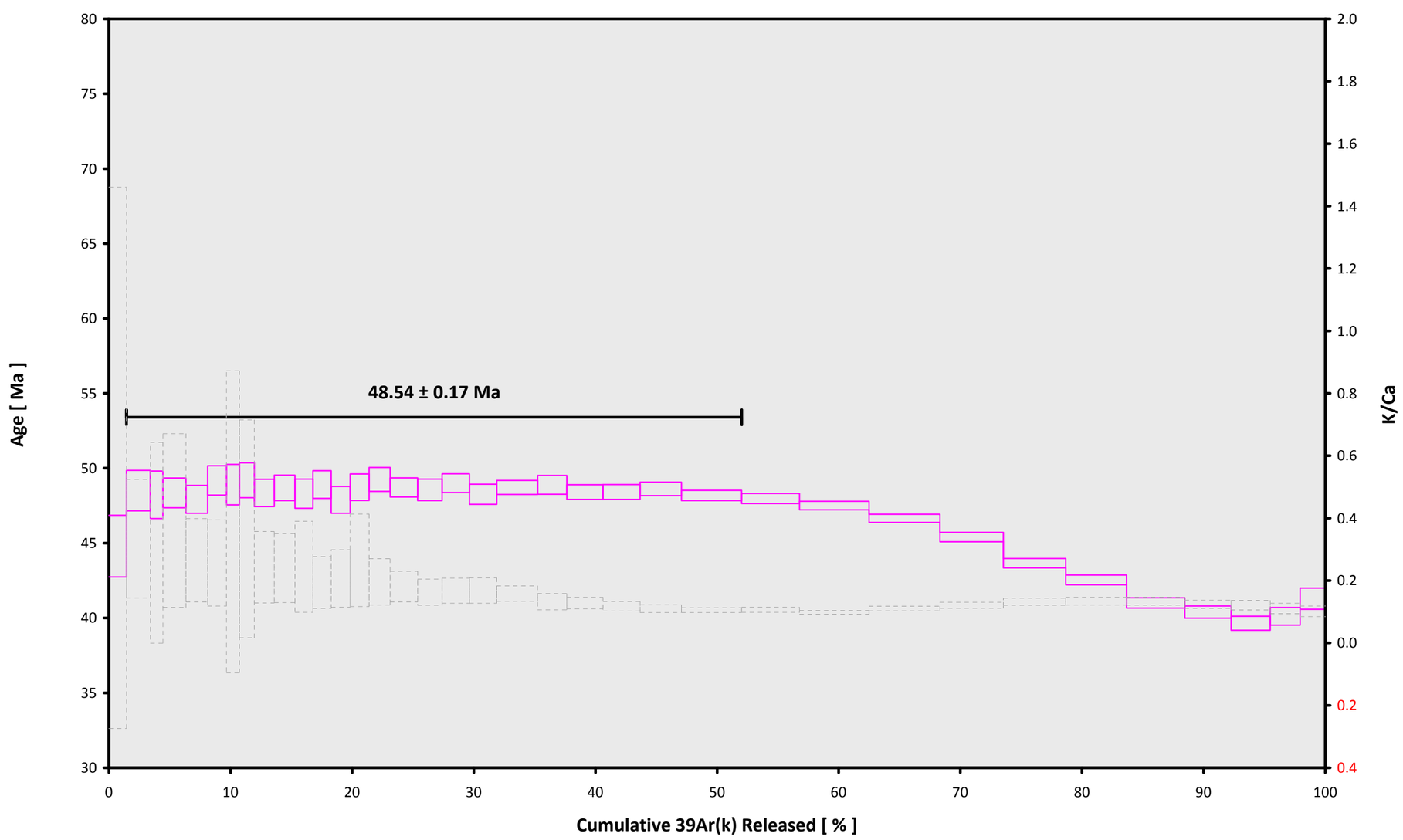


Ar-Ages in Ma

WEIGHTED PLATEAU
48.54 ± 0.17
TOTAL FUSION
46.27 ± 0.13
NORMAL ISOCHRON
48.54 ± 0.27
INVERSE ISOCHRON
48.54 ± 0.27

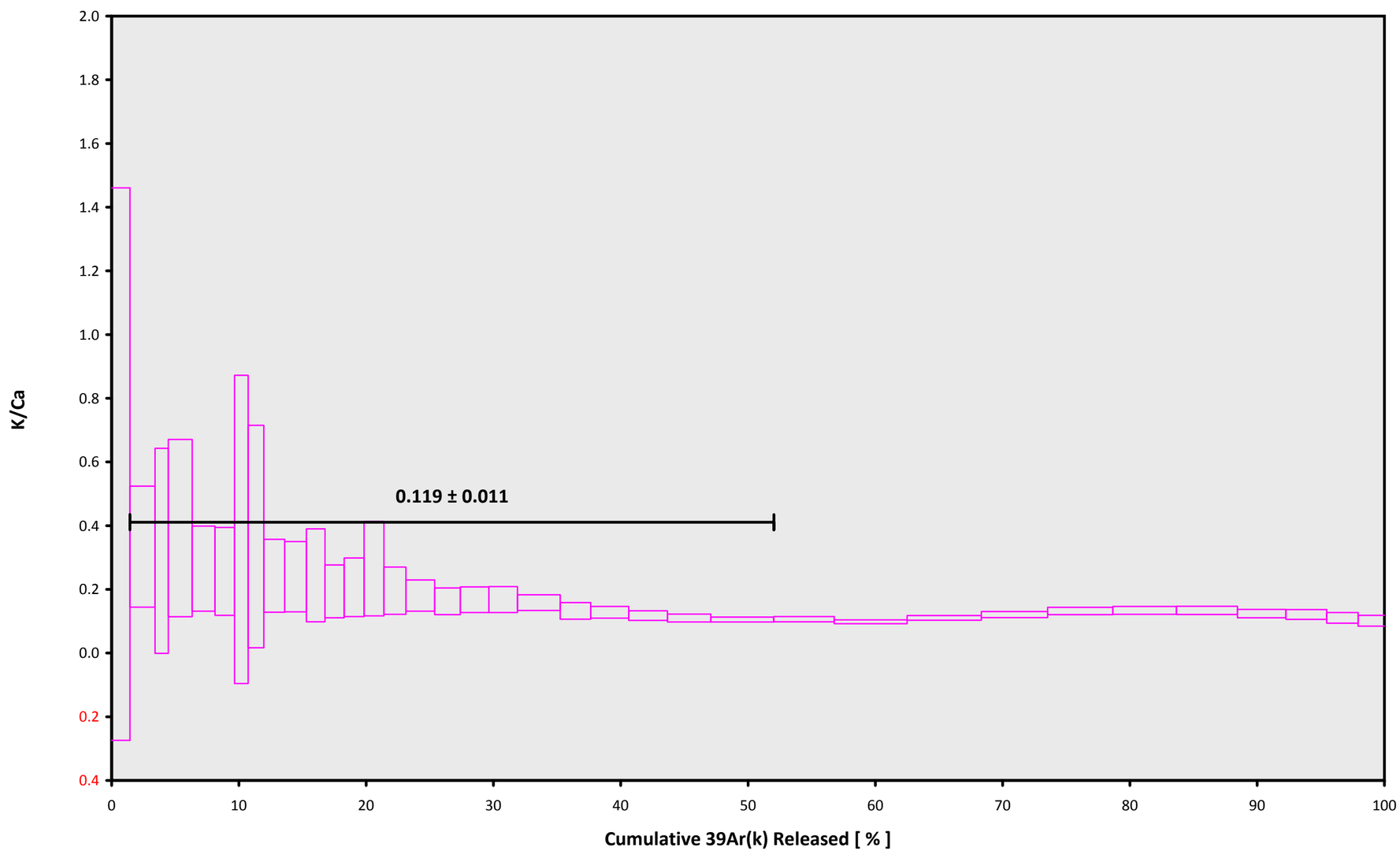
MSWD (PROBABILITY)
0.96 (52%)

Sample Info

Groundmass
Rurutu Hotspot
Kevin Konrad

IRR = 14-OSU-02 (2A39-14)
J = 0.00176206 ± 0.00000166

14D26979.AGE >>> RR1310-D14-08 >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

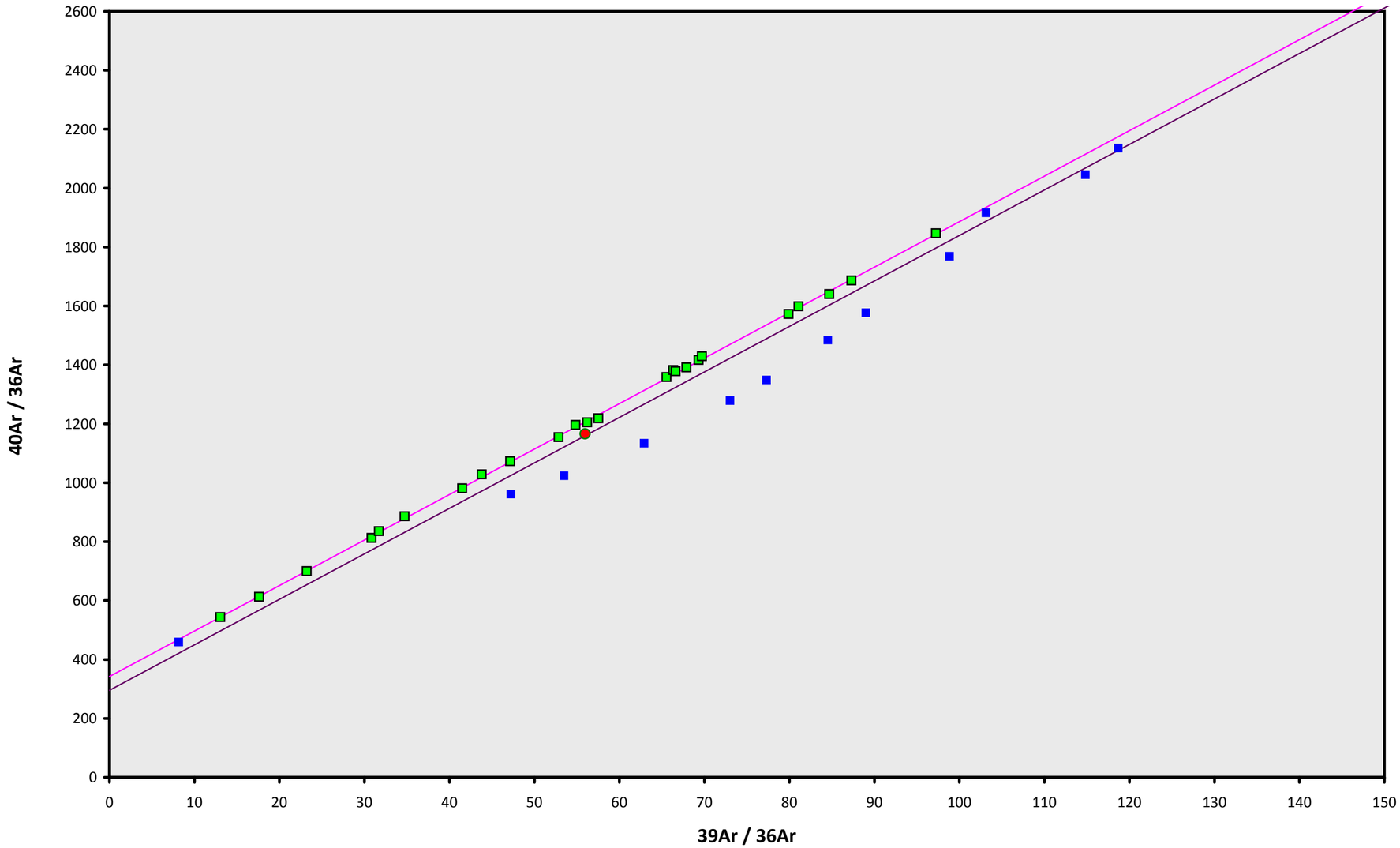
WEIGHTED PLATEAU
48.54 ± 0.17
TOTAL FUSION
46.27 ± 0.13
NORMAL ISOCHRON
48.54 ± 0.27
INVERSE ISOCHRON
48.54 ± 0.27

Sample Info

Groundmass
Rurutu Hotspot
Kevin Konrad

IRR = 14-OSU-02 (2A39-14)
J = 0.00176206 ± 0.00000166

14D26979.AGE >>> RR1310-D14-08 >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
48.54 ± 0.17
TOTAL FUSION
46.27 ± 0.13
NORMAL ISOCHRON
48.54 ± 0.27
INVERSE ISOCHRON
48.54 ± 0.27

MSWD (PROBABILITY)
1.13 (30%)

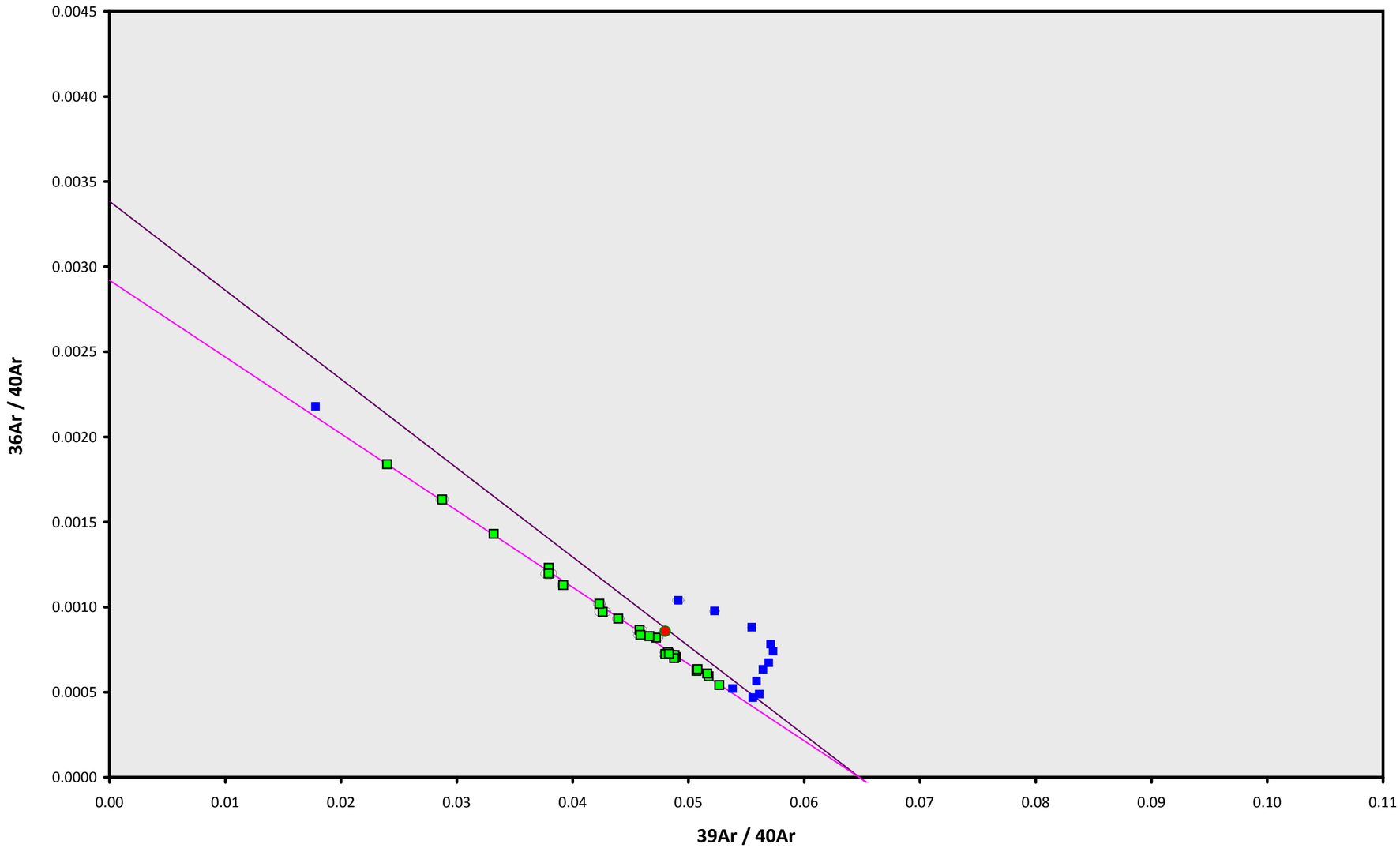
40AR/36AR INTERCEPT
342.4 ± 4.0

Sample Info

Groundmass
Rurutu Hotspot
Kevin Konrad

IRR = 14-OSU-02 (2A39-14)
J = 0.00176206 ± 0.00000166

14D26979.AGE >>> RR1310-D14-08 >>> FRENCH POLYNESIA | RURUTU (13-INT-08) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
48.54 ± 0.17
TOTAL FUSION
46.27 ± 0.13
NORMAL ISOCHRON
48.54 ± 0.27
INVERSE ISOCHRON
48.54 ± 0.27

MSWD (PROBABILITY)
1.14 (30%)

SPREADING FACTOR
44.3%

40AR/36AR INTERCEPT
342.4 ± 4.0

Sample Info

Groundmass
Rurutu Hotspot
Kevin Konrad

IRR = 14-OSU-02 (2A39-14)
J = 0.00176206 ± 0.00000166