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
14D30416	1.8 %		0.1939231	0.802	0.60890	46.496	0.0704768	54.032	0.27702	14.279	58.7145	0.472	5.27270 ± 4.16590	15.50 ± 12.20	2.48	0.08	0.195 ± 0.190
14D30418	2.0 %		0.0107268	9.943	0.02053	1255.720	0.0056447	659.709	0.01520	255.439	3.7068	7.468	35.46799 ##########	101.81 ± 529.25	14.53	0.00	0.318 ± 8.151
14D30419	2.5 %		0.0150445	6.898	0.14505	176.589	0.0596933	61.775	0.00016	########	5.2168	5.306	3014.57112 ##########	0.00 ##########	15.00	0.00	0.001 ± 0.227
14D30420	3.2 %		0.0380258	2.999	0.03405	769.165	0.0199277	183.797	0.06068	65.028	11.9503	2.319	11.80680 ± 21.05781	34.53 ± 61.01	5.99	0.02	0.766 ± 11.827
14D30422	3.9 %		0.0181099	5.956	0.29553	90.558	0.0228663	164.978	0.08779	44.538	7.0763	3.911	19.33420 ± 19.68615	56.21 ± 56.35	24.04	0.03	0.128 ± 0.258
14D30423	4.6 %		0.0069713	15.070	0.29518	93.078	0.0108383	353.587	0.11690	32.498	3.5350	7.827	12.83755 ± 10.99056	37.52 ± 31.79	42.38	0.03	0.170 ± 0.335
14D30424	5.3 %		0.0099473	10.508	0.13241	208.428	0.0183676	198.385	0.13468	27.948	4.7138	5.865	13.25731 ± 9.64563	38.73 ± 27.88	37.85	0.04	0.437 ± 1.838
14D30426	6.0 %		0.0133441	7.707	0.02022	1380.076	0.0351266	110.825	0.15856	25.449	5.3515	5.170	8.86751 ± 6.87850	26.00 ± 20.02	26.28	0.05	3.372 ± 93.092
14D30427	6.7 %		0.0156287	6.674	0.74201	36.602	0.0262109	138.158	0.09783	39.769	5.9224	4.670	12.66524 ± 13.09908	37.02 ± 37.90	21.03	0.03	0.057 ± 0.061
14D30428	7.3 %		0.0084390	12.085	0.07296	362.027	0.0334642	109.420	0.09681	41.909	3.6944	7.490	12.46450 ± 13.45234	36.44 ± 38.93	32.65	0.03	0.570 ± 4.156
14D30430	8.3 %		0.0170526	6.200	0.18925	146.731	0.0383512	100.134	0.12096	32.536	6.4329	4.301	11.66729 ± 10.27621	34.13 ± 29.78	21.92	0.04	0.275 ± 0.825
14D30431	9.3 %		0.0159969	6.599	0.06013	431.108	0.0049371	777.361	0.10651	38.928	6.0531	4.571	12.49607 ± 12.49924	36.53 ± 36.17	21.98	0.03	0.761 ± 6.591
14D30432	10.5 %		0.0129825	8.016	0.11511	237.810	0.0167373	233.895	0.13843	28.744	5.1372	5.393	9.32702 ± 8.03373	27.33 ± 23.37	25.15	0.04	0.517 ± 2.479
14D30434	11.5 %		0.0082443	12.596	0.02258	1225.387	0.0206697	180.153	0.11061	37.031	3.1497	8.781	6.46402 ± 8.88199	18.99 ± 25.95	22.70	0.03	2.106 ± 51.636
14D30435	12.5 %		0.0060290	17.103	0.03769	713.257	0.0351780	110.933	0.07540	52.594	3.1254	8.861	17.77226 ± 21.65076	51.73 ± 62.13	42.89	0.02	0.861 ± 12.310
14D30436	13.2 %		0.0059771	17.014	0.13744	189.747	0.0209797	182.700	0.13725	28.509	2.7160	10.195	6.83282 ± 7.11734	20.06 ± 20.78	34.55	0.04	0.430 ± 1.649
14D30438	14.0 %		0.0034830	28.752	0.47122	58.382	0.0021943	1829.610	0.03958	99.640	1.6575	16.696	14.81464 ± 35.65683	43.23 ± 102.80	35.66	0.01	0.036 ± 0.084
14D30439	14.7 %		0.0058734	17.226	0.83293	31.710	0.0311889	127.746	0.38207	10.286	7.1975	3.843	14.48750 ± 3.67147	42.28 ± 10.59	76.79	0.11	0.197 ± 0.131
14D30440	15.5 %		0.0077313	13.337	2.83667	9.532	0.0350047	106.140	0.96268	3.946	15.7160	1.760	14.20947 ± 1.41362	41.48 ± 4.08	86.87	0.29	0.146 ± 0.030
14D30442	16.3 %		0.0235498	4.579	10.94152	2.446	0.0904003	41.650	3.66240	1.044	60.3043	0.459	14.82738 ± 0.38698	43.26 ± 1.12	89.87	1.09	0.144 ± 0.008
14D30443	17.1 %		0.0311094	3.513	21.47291	1.280	0.1846805	20.722	7.36211	0.534	115.4297	0.240	14.68541 ± 0.19531	42.85 ± 0.56	93.48	2.20	0.147 ± 0.004
14D30444	18.0 %		0.0514519	2.196	43.48418	0.728	0.3863502	9.559	14.82690	0.286	231.0885	0.121	14.81725 ± 0.10328	43.23 ± 0.30	94.88	4.42	0.146 ± 0.002
14D30446	18.8 %	✓	0.0535476	2.124	48.15906	0.641	0.3862375	9.837	16.23870	0.261	254.3774	0.110	14.95048 ± 0.09507	43.62 ± 0.27	95.25	4.85	0.145 ± 0.002
14D30447	19.5 %	✓	0.0608044	1.927	63.39367	0.545	0.5234204	7.430	21.52994	0.202	332.5752	0.084	14.87055 ± 0.07306	43.39 ± 0.21	96.08	6.42	0.146 ± 0.002
14D30448	20.3 %	✓	0.0995806	1.319	106.08740	0.434	0.8820097	4.531	35.58339	0.134	552.3502	0.051	14.95721 ± 0.04851	43.64 ± 0.14	96.16	10.62	0.144 ± 0.001
14D30450	21.2 %	✓	0.1332232	1.098	160.22405	0.383	1.2705691	2.998	54.05891	0.105	830.8822	0.034	14.90146 ± 0.03687	43.48 ± 0.11	96.76	16.13	0.145 ± 0.001
14D30451	22.2 %	✓	0.1460130	0.991	164.08378	0.384	1.3506780	2.801	55.22303	0.104	850.1092	0.033	14.87318 ± 0.03618	43.39 ± 0.10	96.42	16.48	0.144 ± 0.001
14D30452	23.3 %	✓	0.1433169	1.015	204.40709	0.368	1.6226487	2.306	68.54957	0.094	1045.4005	0.027	14.89382 ± 0.03185	43.45 ± 0.09	97.47	20.46	0.144 ± 0.001
14D30454	24.5 %	✓	0.1113782	1.212	164.09694	0.381	1.2535568	2.965	54.96022	0.106	836.2135	0.034	14.87766 ± 0.03644	43.41 ± 0.11	97.59	16.40	0.144 ± 0.001
		Σ	1.2675056	0.488	989.78201	0.196	7.8621510	2.601	335.11395	0.070	5269.7978	0.028					

Information on Analysis and Constants Used in Calculations

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D58-16**
Material = **Hornblende**
Location = **Wanderer Seamount**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **14-OSU-04 (4B24-14)**
Position = **X: 0 | Y: 0 | Z/H: 36.77 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **9.62519 ± 0.01915**
FCT-NM J-value = **0.00163294 ± 0.00000325**
Air Shot 40Ar/36Ar = **303.5690 ± 0.5130**
Air Shot MDF = **0.99334630 ± 0.00070928 (LIN)**
Experiment Type = **Incremental Heating**
Extraction Method = **Bulk Laser Heating**
Heating = **77 sec**
Isolation = **6.00 min**
Instrument = **ARGUS-VI-D**
Preferred Age = **Plateau Age**
Age Classification = **Eruption Age**
IGSN = **IESS10034**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Trachyandesite**
Lat-Lon = **35°46.1'S - 0°58.0'W**

Age Equations = **Min et al. (2000)**
Negative Intensities = **Allowed**
Collector Calibrations = **40Ar 36Ar**
Decay 40K = **5.530 ± 0.048 E-10 1/a**
Decay 39Ar = **2.940 ± 0.016 E-07 1/h**
Decay 37Ar = **8.230 ± 0.012 E-04 1/h**
Decay 36Cl = **2.257 ± 0.015 E-06 1/a**
Decay 40K(EC,β⁺) = **0.580 ± 0.009 E-10 1/a**
Decay 40K(β⁻) = **4.950 ± 0.043 E-10 1/a**
Atmospheric 40/36(a) = **295.50**
Atmospheric 38/36(a) = **0.1869**
Production 39/37(ca) = **0.0006756 ± 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		14.89547 ± 0.02139 (± 0.14%)	**43.46 ± 0.18 (± 0.42%)**	1.81 9%	91.35 7	0.144 ± 0.000
		Full External Error ± 0.99		2.15	2σ Confidence Limit	
		Analytical Error ± 0.06		1.3461	Error Magnification	
Total Fusion Age		14.86651 ± 0.02510 (± 0.17%)	**43.37 ± 0.19 (± 0.43%)**		29	0.145 ± 0.001
		Full External Error ± 0.99				
		Analytical Error ± 0.07				
Normal Isochron	**333.15 ± 62.49 (± 18.76%)**	14.83431 ± 0.10260 (± 0.69%)	**43.28 ± 0.34 (± 0.79%)**	1.66 14%	91.35 7	
		Full External Error ± 1.03		2.26	2σ Confidence Limit	
		Analytical Error ± 0.30		1.2876	Error Magnification	
				1	Number of Iterations	
				0.0000096841	Convergence	
Inverse Isochron Clustered Points	**333.74 ± 61.71 (± 18.49%)**	14.83404 ± 0.10254 (± 0.69%)	**43.28 ± 0.34 (± 0.79%)**	1.66 14%	91.35 7	
		Full External Error ± 1.03		2.26	2σ Confidence Limit	
		Analytical Error ± 0.30		1.2901	Error Magnification	
Notes				3	Number of Iterations	
Only 7 steps in plateau (degasses at high T), but age is good.				0.0000001955	Convergence	
				3%	Spreading Factor	

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
14D30416	1.8 %		0.1937563	0.60890	0.0308922	0.27661	1.4585	15.50 ± 12.20	2.48	0.08	0.195 ± 0.190
14D30418	2.0 %		0.0107213	0.02053	0.0000000	0.01519	0.5386	101.81 ± 529.25	14.53	0.00	0.318 ± 8.151
14D30419	2.5 %		0.0150058	0.14505	0.0000000	0.00026	0.7826	0.00 ± 670018.56	15.00	0.00	0.001 ± 0.227
14D30420	3.2 %		0.0380167	0.03405	0.0000000	0.06065	0.7161	34.53 ± 61.01	5.99	0.02	0.766 ± 11.827
14D30422	3.9 %		0.0181886	0.29553	0.0000000	0.08799	1.7012	56.21 ± 56.35	24.04	0.03	0.128 ± 0.258
14D30423	4.6 %		0.0068915	0.29518	0.0081250	0.11670	1.4981	37.52 ± 31.79	42.38	0.03	0.170 ± 0.335
14D30424	5.3 %		0.0099120	0.13241	0.0000000	0.13459	1.7843	38.73 ± 27.88	37.85	0.04	0.437 ± 1.838
14D30426	6.0 %		0.0133495	0.02022	0.0000000	0.15857	1.4061	26.00 ± 20.02	26.28	0.05	3.372 ± 93.092
14D30427	6.7 %		0.0158263	0.74201	0.0000000	0.09833	1.2454	37.02 ± 37.90	21.03	0.03	0.057 ± 0.061
14D30428	7.3 %		0.0084195	0.07296	0.0000000	0.09676	1.2061	36.44 ± 38.93	32.65	0.03	0.570 ± 4.156
14D30430	8.3 %		0.0169971	0.18925	0.0337071	0.12084	1.4098	34.13 ± 29.78	21.92	0.04	0.275 ± 0.825
14D30431	9.3 %		0.0159808	0.06013	0.0006651	0.10646	1.3304	36.53 ± 36.17	21.98	0.03	0.761 ± 6.591
14D30432	10.5 %		0.0130112	0.11511	0.0126474	0.13851	1.2919	27.33 ± 23.37	25.15	0.04	0.517 ± 2.479
14D30434	11.5 %		0.0082383	0.02258	0.0000000	0.11060	0.7149	18.99 ± 25.95	22.70	0.03	2.106 ± 51.636
14D30435	12.5 %		0.0060391	0.03769	0.0000000	0.07543	1.3405	51.73 ± 62.13	42.89	0.02	0.861 ± 12.310
14D30436	13.2 %		0.0060137	0.13744	0.0000000	0.13734	0.9384	20.06 ± 20.78	34.55	0.04	0.430 ± 1.649
14D30438	14.0 %		0.0036083	0.47122	0.0010737	0.03990	0.5911	43.23 ± 102.80	35.66	0.01	0.036 ± 0.084
14D30439	14.7 %		0.0056477	0.83293	0.0254836	0.38151	5.5271	42.28 ± 10.59	76.79	0.11	0.197 ± 0.131
14D30440	15.5 %		0.0069726	2.83667	0.0219389	0.96076	13.6519	41.48 ± 4.08	86.87	0.29	0.146 ± 0.030
14D30442	16.3 %		0.0206297	10.94152	0.0417855	3.65501	54.1943	43.26 ± 1.12	89.87	1.09	0.144 ± 0.008
14D30443	17.1 %		0.0253775	21.47291	0.0899966	7.34760	107.9026	42.85 ± 0.56	93.48	2.20	0.147 ± 0.004
14D30444	18.0 %		0.0398421	43.48418	0.1977526	14.79752	219.2586	43.23 ± 0.30	94.88	4.42	0.146 ± 0.002
14D30446	**18.8 %**	✓	0.0406955	48.15906	0.1801973	16.20617	242.2900	**43.62 ± 0.27**	**95.25**	**4.85**	**0.145 ± 0.002**
14D30447	**19.5 %**	✓	0.0438844	63.39367	0.2521552	21.48711	319.5252	**43.39 ± 0.21**	**96.08**	**6.42**	**0.146 ± 0.002**
14D30448	**20.3 %**	✓	0.0712636	106.08740	0.4338320	35.51172	531.1560	**43.64 ± 0.14**	**96.16**	**10.62**	**0.144 ± 0.001**
14D30450	**21.2 %**	✓	0.0904654	160.22405	0.5930766	53.95066	803.9434	**43.48 ± 0.11**	**96.76**	**16.13**	**0.145 ± 0.001**
14D30451	**22.2 %**	✓	0.1022178	164.08378	0.6567378	55.11217	819.6932	**43.39 ± 0.10**	**96.42**	**16.48**	**0.144 ± 0.001**
14D30452	**23.3 %**	✓	0.0887666	204.40709	0.7683233	68.41147	1018.9084	**43.45 ± 0.09**	**97.47**	**20.46**	**0.144 ± 0.001**
14D30454	**24.5 %**	✓	0.0675927	164.09694	0.5692489	54.84935	816.0301	**43.41 ± 0.11**	**97.59**	**16.40**	**0.144 ± 0.001**
		Σ	1.0033318	989.78201	3.9176390	334.44526	4972.0347				

Information on Analysis

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D58-16**
Material = **Hornblende**
Location = **Wanderer Seamount**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **14-OSU-04 (4B24-14)**
J = **0.00163294 ± 0.00000325**
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	14.89547	± 0.02139 ± 0.14%	**43.46**	**± 0.18** **± 0.42%**	1.81 9%	91.35 7	0.144 ± 0.000
			Full External Error	± 0.99	2.15	2σ Confidence Limit	
			Analytical Error	± 0.06	1.3461	Error Magnification	
Total Fusion Age	14.86651	± 0.02510 ± 0.17%	**43.37**	**± 0.19** **± 0.43%**		29	0.145 ± 0.001
			Full External Error	± 0.99			
			Analytical Error	± 0.07			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
14D30416	1.8 %		1.43 ± 0.41	303.03 ± 5.65	0.0484
14D30418	2.0 %		1.42 ± 7.25	345.74 ± 86.13	0.0312
14D30419	2.5 %		0.02 ± 5.11	347.65 ± 60.69	0.0004
14D30420	3.2 %		1.60 ± 2.08	314.34 ± 23.87	0.0365
14D30422	3.9 %		4.84 ± 4.34	389.03 ± 55.35	0.1107
14D30423	4.6 %		16.93 ± 12.18	512.89 ± 176.13	0.3782
14D30424	5.3 %		13.58 ± 8.12	475.51 ± 114.98	0.3092
14D30426	6.0 %		11.88 ± 6.32	400.83 ± 74.52	0.2414
14D30427	6.7 %		6.21 ± 4.98	374.19 ± 60.55	0.1345
14D30428	7.3 %		11.49 ± 10.03	438.75 ± 125.19	0.2367
14D30430	8.3 %		7.11 ± 4.72	378.45 ± 57.33	0.1548
14D30431	9.3 %		6.66 ± 5.26	378.75 ± 60.94	0.1379
14D30432	10.5 %		10.65 ± 6.35	394.79 ± 76.30	0.2231
14D30434	11.5 %		13.42 ± 10.51	382.28 ± 117.65	0.2652
14D30435	12.5 %		12.49 ± 13.81	517.48 ± 199.47	0.2749
14D30436	13.2 %		22.84 ± 15.14	451.55 ± 178.64	0.4381
14D30438	14.0 %		11.06 ± 22.71	459.31 ± 298.12	0.2324
14D30439	14.7 %		67.55 ± 27.97	1274.15 ± 468.00	0.8482
14D30440	15.5 %		137.79 ± 42.28	2253.44 ± 672.83	0.9595
14D30442	16.3 %		177.17 ± 18.93	2922.50 ± 307.40	0.9769
14D30443	17.1 %		289.53 ± 25.19	4547.39 ± 393.20	0.9909
14D30444	18.0 %		371.40 ± 21.23	5798.69 ± 330.13	0.9941
14D30446	18.8 %	✓	398.23 ± 22.42	6249.23 ± 350.49	0.9949
14D30447	19.5 %	✓	489.63 ± 26.31	7576.57 ± 406.20	0.9967
14D30448	20.3 %	✓	498.31 ± 18.51	7748.90 ± 287.17	0.9970
14D30450	21.2 %	✓	596.37 ± 19.46	9182.25 ± 299.13	0.9977
14D30451	22.2 %	✓	539.16 ± 15.42	8314.59 ± 237.29	0.9971
14D30452	23.3 %	✓	770.69 ± 25.57	11774.01 ± 390.03	0.9983
14D30454	24.5 %	✓	811.47 ± 32.75	12368.25 ± 498.53	0.9985

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	**333.15 ± 62.49 ± 18.76%**	14.83431 ± 0.10260 ± 0.69%	**43.28 ± 0.34 ± 0.79%**	1.66 14%
			Full External Error ± 1.03	
			Analytical Error ± 0.30	

Statistics				
	2σ Confidence Limit	2.26	Convergence	0.000009684096
	Error Magnification	1.2876	Number of Iterations	1
	Number of Data Points	7	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
14D30416	1.8 %		0.0047111 ± 0.0013481	0.00330003 ± 0.00006151	0.0167
14D30418	2.0 %		0.0040968 ± 0.0209581	0.00289236 ± 0.00072054	0.0175
14D30419	2.5 %		0.0000498 ± 0.0146920	0.00287645 ± 0.00050215	0.0002
14D30420	3.2 %		0.0050756 ± 0.0066078	0.00318130 ± 0.00024154	0.0218
14D30422	3.9 %		0.0124349 ± 0.0110942	0.00257049 ± 0.00036575	0.0482
14D30423	4.6 %		0.0330163 ± 0.0221092	0.00194975 ± 0.00066955	0.1066
14D30424	5.3 %		0.0285549 ± 0.0163195	0.00210301 ± 0.00050850	0.0996
14D30426	6.0 %		0.0296346 ± 0.0153902	0.00249480 ± 0.00046379	0.1108
14D30427	6.7 %		0.0166040 ± 0.0132306	0.00267244 ± 0.00043242	0.0677
14D30428	7.3 %		0.0261936 ± 0.0223144	0.00227922 ± 0.00065032	0.0923
14D30430	8.3 %		0.0187854 ± 0.0123433	0.00264239 ± 0.00040032	0.0743
14D30431	9.3 %		0.0175896 ± 0.0137939	0.00264027 ± 0.00042481	0.0663
14D30432	10.5 %		0.0269644 ± 0.0157635	0.00253300 ± 0.00048956	0.1030
14D30434	11.5 %		0.0351175 ± 0.0267338	0.00261591 ± 0.00080510	0.1317
14D30435	12.5 %		0.0241365 ± 0.0257384	0.00193245 ± 0.00074490	0.0764
14D30436	13.2 %		0.0505768 ± 0.0306085	0.00221461 ± 0.00087614	0.1737
14D30438	14.0 %		0.0240738 ± 0.0482661	0.00217718 ± 0.00141314	0.0857
14D30439	14.7 %		0.0530167 ± 0.0116581	0.00078484 ± 0.00028827	0.0732
14D30440	15.5 %		0.0611470 ± 0.0052927	0.00044377 ± 0.00013250	0.0480
14D30442	16.3 %		0.0606235 ± 0.0013853	0.00034217 ± 0.00003599	0.0351
14D30443	17.1 %		0.0636698 ± 0.0007468	0.00021991 ± 0.00001901	0.0228
14D30444	18.0 %		0.0640497 ± 0.0003980	0.00017245 ± 0.00000982	0.0164
14D30446	18.8 %	✓	0.0637247 ± 0.0003617	0.00016002 ± 0.00000897	0.0151
14D30447	19.5 %	✓	0.0646242 ± 0.0002830	0.00013199 ± 0.00000708	0.0120
14D30448	20.3 %	✓	0.0643078 ± 0.0001850	0.00012905 ± 0.00000478	0.0098
14D30450	21.2 %	✓	0.0649479 ± 0.0001440	0.00010891 ± 0.00000355	0.0065
14D30451	22.2 %	✓	0.0648456 ± 0.0001418	0.00012027 ± 0.00000343	0.0072
14D30452	23.3 %	✓	0.0654568 ± 0.0001281	0.00008493 ± 0.00000281	0.0046
14D30454	24.5 %	✓	0.0656090 ± 0.0001468	0.00008085 ± 0.00000326	0.0051

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	**333.74 ± 61.71**	14.83404 ± 0.10254	**43.28 ± 0.34**	1.66
Clustered Points	**± 18.49%**	± 0.69%	**± 0.79%**	14%
			Full External Error ± 1.03	
			Analytical Error ± 0.30	

Statistics				
	2σ Confidence Limit	2.26	Convergence	0.0000001955
	Error Magnification	1.2901	Number of Iterations	3
	Number of Data Points	7	Calculated Line	Weighted York-2
	Spreading Factor	2.8%		

Degassing Patterns			36Ar(a) [fA]	%1σ	36Ar(c) [fA]	%1σ	36Ar(ca) [fA]	%1σ	36Ar(cl) [fA]	%1σ	37Ar(ca) [fA]	%1σ	38Ar(a) [fA]	%1σ	38Ar(c) [fA]	%1σ	38Ar(k) [fA]	%1σ	38Ar(ca) [fA]	%1σ	38Ar(cl) [fA]	%1σ	39Ar(k) [fA]	%1σ	39Ar(ca) [fA]	%1σ	40Ar(r) [fA]	%1σ	40Ar(a) [fA]	%1σ	40Ar(c) [fA]	%1σ	40Ar(k) [fA]	%1σ
14D30416	1.8 %		0.1937563	0.80	0.0000000	0.00	0.0001622	46.50	0.0000047	123.29	0.60890	46.50	0.0362131	0.80	0.0000000	0.00	0.0033279	14.30	0.0000437	48.23	0.0308922	123.29	0.27661	14.30	0.0004114	46.51	1.4585	36.83	57.25498	0.80	0.0000000	0.00	0.0010575	14.55
14D30418	2.0 %		0.0107213	9.97	0.0000000	0.00	0.0000055	######	0.0000000	0.00	0.02053	######	0.0020038	9.97	0.0000000	0.00	0.0001827	255.67	0.0000015	######	0.0000000	0.00	0.01519	255.67	0.0000139	######	0.5386	77.97	3.16815	9.97	0.0000000	0.00	0.0000581	255.69
14D30419	2.5 %		0.0150058	6.93	0.0000000	0.00	0.0000386	176.59	0.0000000	0.00	0.14505	176.59	0.0028046	6.93	0.0000000	0.00	0.0000031	######	0.0000104	177.05	0.0000000	0.00	0.00026	######	0.0000980	176.59	0.7826	52.85	4.43422	6.93	0.0000000	0.00	0.0000010	######
14D30420	3.2 %		0.0380167	3.01	0.0000000	0.00	0.0000091	769.17	0.0000000	0.00	0.03405	769.17	0.0071053	3.01	0.0000000	0.00	0.0007297	65.05	0.0000024	769.27	0.0000000	0.00	0.06065	65.05	0.0000230	769.17	0.7161	61.00	11.23395	3.01	0.0000000	0.00	0.0002319	65.11
14D30422	3.9 %		0.0181886	5.94	0.0000000	0.00	0.0000787	90.56	0.0000000	0.00	0.29553	90.56	0.0033995	5.94	0.0000000	0.00	0.0010586	44.44	0.0000212	91.46	0.0000000	0.00	0.08799	44.44	0.0001997	90.57	1.7012	24.84	5.37475	5.94	0.0000000	0.00	0.0003364	44.52
14D30423	4.6 %		0.0068915	15.28	0.0000000	0.00	0.0000786	93.08	0.0000012	471.72	0.29518	93.08	0.0012880	15.28	0.0000000	0.00	0.0014040	32.55	0.0000212	93.96	0.0081250	471.72	0.11670	32.55	0.0001994	93.09	1.4981	27.80	2.03644	15.28	0.0000000	0.00	0.0004461	32.66
14D30424	5.3 %		0.0099120	10.57	0.0000000	0.00	0.0000353	208.43	0.0000000	0.00	0.13241	208.43	0.0018526	10.57	0.0000000	0.00	0.0016192	27.97	0.0000095	208.82	0.0000000	0.00	0.13459	27.97	0.0000895	208.43	1.7843	23.26	2.92900	10.57	0.0000000	0.00	0.0005145	28.09
14D30426	6.0 %		0.0133495	7.72	0.0000000	0.00	0.0000054	######	0.0000000	0.00	0.02022	######	0.0024950	7.72	0.0000000	0.00	0.0019078	25.45	0.0000015	######	0.0000000	0.00	0.15857	25.45	0.0000137	######	1.4061	29.27	3.94476	7.72	0.0000000	0.00	0.0006062	25.59
14D30427	6.7 %		0.0158263	6.61	0.0000000	0.00	0.0001976	36.60	0.0000000	0.00	0.74201	36.60	0.0029579	6.61	0.0000000	0.00	0.0011830	39.57	0.0000533	38.78	0.0000000	0.00	0.09833	39.57	0.0005013	36.63	1.2454	33.30	4.67667	6.61	0.0000000	0.00	0.0003759	39.66
14D30428	7.3 %		0.0084195	12.14	0.0000000	0.00	0.0000194	362.03	0.0000000	0.00	0.07296	362.03	0.0015736	12.14	0.0000000	0.00	0.0011641	41.93	0.0000052	362.25	0.0000000	0.00	0.09676	41.93	0.0000493	362.03	1.2061	33.97	2.48797	12.14	0.0000000	0.00	0.0003699	42.02
14D30430	8.3 %		0.0169971	6.24	0.0000000	0.00	0.0000504	146.73	0.0000051	113.95	0.18925	146.73	0.0031768	6.24	0.0000000	0.00	0.0014538	32.57	0.0000136	147.29	0.0337071	113.95	0.12084	32.57	0.0001279	146.74	1.4098	29.64	5.02265	6.24	0.0000000	0.00	0.0004620	32.68
14D30431	9.3 %		0.0159808	6.62	0.0000000	0.00	0.0000160	431.11	0.0000001	######	0.06013	431.11	0.0029868	6.62	0.0000000	0.00	0.0012809	38.94	0.0000043	431.30	0.0006651	######	0.10646	38.94	0.0000406	431.11	1.3304	31.38	4.72233	6.62	0.0000000	0.00	0.0004070	39.03
14D30432	10.5 %		0.0130112	8.02	0.0000000	0.00	0.0000307	237.81	0.0000019	309.57	0.11511	237.81	0.0024318	8.02	0.0000000	0.00	0.0016664	28.73	0.0000083	238.15	0.0126474	309.57	0.13851	28.73	0.0000778	237.81	1.2919	32.08	3.84482	8.02	0.0000000	0.00	0.0005295	28.85
14D30434	11.5 %		0.0082383	12.64	0.0000000	0.00	0.0000060	######	0.0000000	0.00	0.02258	######	0.0015397	12.64	0.0000000	0.00	0.0013306	37.04	0.0000016	######	0.0000000	0.00	0.11060	37.04	0.0000153	######	0.7149	57.87	2.43442	12.64	0.0000000	0.00	0.0004228	37.13
14D30435	12.5 %		0.0060391	17.12	0.0000000	0.00	0.0000100	713.26	0.0000000	0.00	0.03769	713.26	0.0011287	17.12	0.0000000	0.00	0.0009075	52.58	0.0000027	713.37	0.0000000	0.00	0.07543	52.58	0.0000255	713.26	1.3405	30.76	1.78455	17.12	0.0000000	0.00	0.0002884	52.64
14D30436	13.2 %		0.0060137	16.95	0.0000000	0.00	0.0000366	189.75	0.0000000	0.00	0.13744	189.75	0.0011240	16.95	0.0000000	0.00	0.0016523	28.49	0.0000099	190.18	0.0000000	0.00	0.13734	28.49	0.0000929	189.75	0.9384	43.60	1.77706	16.95	0.0000000	0.00	0.0005251	28.61
14D30438	14.0 %		0.0036083	27.83	0.0000000	0.00	0.0001255	58.38	0.0000002	######	0.47122	58.38	0.0006744	27.83	0.0000000	0.00	0.0004800	98.85	0.0000338	59.77	0.0010737	######	0.03990	98.85	0.0003184	58.40	0.5911	68.64	1.06625	27.83	0.0000000	0.00	0.0001525	98.88
14D30439	14.7 %		0.0056477	17.96	0.0000000	0.00	0.0002218	31.71	0.0000039	156.37	0.83293	31.71	0.0010556	17.96	0.0000000	0.00	0.0045899	10.30	0.0000598	34.20	0.0254836	156.37	0.38151	10.30	0.0005627	31.74	5.5271	7.38	1.66890	17.96	0.0000000	0.00	0.0014585	10.64
14D30440	15.5 %		0.0069726	14.82	0.0000000	0.00	0.0007554	9.53	0.0000033	169.38	2.83667	9.53	0.0013032	14.82	0.0000000	0.00	0.0115589	3.96	0.0002037	15.98	0.0219389	169.38	0.96076	3.95	0.0019165	9.62	13.6519	3.02	2.06040	14.82	0.0000000	0.00	0.0036730	4.77
14D30442	16.3 %		0.0206297	5.24	0.0000000	0.00	0.0029137	2.45	0.0000063	90.12	10.94152	2.45	0.0038557	5.24	0.0000000	0.00	0.0439735	1.06	0.0007856	13.05	0.0417855	90.13	3.65501	1.05	0.0073921	2.78	54.1943	0.78	6.09609	5.24	0.0000000	0.00	0.0139731	2.86
14D30443	17.1 %		0.0253775	4.32	0.0000000	0.00	0.0057182	1.29	0.0000137	42.54	21.47291	1.28	0.0047431	4.32	0.0000000	0.00	0.0883990	0.56	0.0015418	12.88	0.0899966	42.55	7.34760	0.53	0.0145071	1.84	107.9026	0.40	7.49906	4.32	0.0000000	0.00	0.0280899	2.71
14D30444	18.0 %		0.0398421	2.84	0.0000000	0.00	0.0115798	0.74	0.0000300	18.70	43.48418	0.73	0.0074465	2.84	0.0000000	0.00	0.1780289	0.33	0.0031222	12.84	0.1977526	18.73	14.79752	0.29	0.0293779	1.51	219.2586	0.20	11.77334	2.84	0.0000000	0.00	0.0565709	2.68
14D30446	18.8 %	✓	0.0406955	2.80	0.0000000	0.00	0.0128248	0.66	0.0000274	21.11	48.15906	0.64	0.0076060	2.80	0.0000000	0.00	0.1949764	0.31	0.0034578	12.84	0.1801973	21.13	16.20617	0.26	0.0325363	1.47	242.2900	0.18	12.02552	2.80	0.0000000	0.00	0.0619562	2.67
14D30447	19.5 %	✓	0.0438844	2.68	0.0000000	0.00	0.0168817	0.57	0.0000383	15.46	63.39367	0.55	0.0082020	2.68	0.0000000	0.00	0.2585115	0.26	0.0045517	12.83	0.2521552	15.48	21.48711	0.20	0.0428288	1.43	319.5252	0.14	12.96784	2.68	0.0000000	0.00	0.0821452	2.67
14D30448	20.3 %	✓	0.0712636	1.85	0.0000000	0.00	0.0282511	0.46	0.0000659	9.26	106.08740	0.43	0.0133192	1.85	0.0000000	0.00	0.4272415	0.21	0.0076171	12.83	0.4338320	9.31	35.51172	0.13	0.0716726	1.39	531.1560	0.09	21.05840	1.85	0.0000000	0.00	0.1357613	2.66
14D30450	21.2 %	✓	0.0904654	1.63	0.0000000	0.00	0.0426677	0.41	0.0000901	6.50	160.22405	0.38	0.0169080	1.63	0.0000000	0.00	0.6490804	0.19	0.0115041	12.83	0.5930766	6.56	53.95066	0.11	0.1082474	1.37	803.9434	0.06	26.73254	1.63	0.0000000	0.00	0.2062534	2.66
14D30451	22.2 %	✓	0.1022178	1.43	0.0000000	0.00	0.0436955	0.41	0.0000997	5.84	164.08378	0.38	0.0191045	1.43	0.0000000	0.00	0.6630546	0.19	0.0117812	12.83	0.6567378	5.91	55.11217	0.10	0.1108550	1.37	819.6932	0.06	30.20535	1.43	0.0000000	0.00	0.2106938	2.66
14D30452	23.3 %	✓	0.0887666	1.66	0.0000000	0.00	0.0544336	0.40	0.0001167	4.97	204.40709	0.37	0.0165905	1.66	0.0000000	0.00	0.8230584	0.19	0.0146764	12.83	0.7683233	5.05	68.41147	0.09	0.1380974	1.37	1018.9084	0.05	26.23053	1.66	0.0000000	0.00	0.2615371	2.66
14D30454	24.5 %	✓	0.0675927	2.02	0.0000000	0.00	0.0436990	0.41	0.0000865	6.60	164.09694	0.38	0.0126331	2.02	0.0000000	0.00	0.6598926	0.19	0.0117822	12.83	0.5692489	6.67	54.84935	0.11	0.1108639	1.37	816.0301	0.06	19.97365	2.02	0.0000000	0.00	0.2096891	2.66
		Σ	1.0033318	0.62	0.0000000	0.00	0.2635789	0.20	0.0005948	4.16	989.78201	0.20	0.1875227	0.62	0.0000000	0.00	4.0237109	0.09	0.0710663	4.87	3.9176390	4.18	334.44526	0.07	0.6686967	0.54	4972.0347	0.05	296.48456	0.62	0.0000000	0.00	1.2785842	1.01
		Σ							1.2675056	0.49	989.78201	0.20									8.1999389	2.00			335.11395	0.07							5269.7978	0.06

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
14D30416	1.8 %		211.952067	30.280874	2.198062	1.069109	0.700038	0.100115	93.207	6.318561	1.00065877	2.818E-12
14D30418	2.0 %		243.871283	623.208554	1.350903	17.310978	0.705713	1.804031	93.224	6.320728	1.00065889	1.779E-13
14D30419	2.5 %		32282.163309	##########	897.581876	##########	93.097041	##########	93.233	6.321856	1.00065895	2.504E-13
14D30420	3.2 %		196.951815	128.155154	0.561102	4.331196	0.626700	0.407963	93.242	6.322896	1.00065901	5.736E-13
14D30422	3.9 %		80.605343	36.038066	3.366343	3.397244	0.206289	0.092695	93.259	6.325065	1.00065913	3.397E-13
14D30423	4.6 %		30.240179	10.108545	2.525075	2.489430	0.059636	0.021363	93.267	6.326106	1.00065919	1.697E-13
14D30424	5.3 %		35.000808	9.995179	0.983146	2.067489	0.073861	0.022054	93.276	6.327234	1.00065926	2.263E-13
14D30426	6.0 %		33.751044	8.764613	0.127527	1.760266	0.084159	0.022378	93.294	6.329404	1.00065938	2.569E-13
14D30427	6.7 %		60.538985	24.241402	7.584886	4.099585	0.159757	0.064423	93.302	6.330446	1.00065944	2.843E-13
14D30428	7.3 %		38.161683	16.246787	0.753678	2.746739	0.087171	0.038021	93.310	6.331488	1.00065950	1.773E-13
14D30430	8.3 %		53.180473	17.453207	1.564506	2.351376	0.140972	0.046692	93.328	6.333660	1.00065962	3.088E-13
14D30431	9.3 %		56.833916	22.276242	0.564573	2.443820	0.150198	0.059303	93.337	6.334789	1.00065968	2.906E-13
14D30432	10.5 %		37.110640	10.853271	0.831546	1.991890	0.093784	0.027986	93.345	6.335832	1.00065974	2.466E-13
14D30434	11.5 %		28.475766	10.837269	0.204153	2.502805	0.074534	0.029154	93.363	6.338005	1.00065987	1.512E-13
14D30435	12.5 %		41.448829	22.106842	0.499810	3.574612	0.079957	0.044220	93.371	6.339049	1.00065992	1.500E-13
14D30436	13.2 %		19.789115	5.991482	1.001378	1.921412	0.043550	0.014459	93.380	6.340179	1.00065999	1.304E-13
14D30438	14.0 %		41.876988	42.307878	11.905627	13.749100	0.087999	0.091260	93.397	6.342354	1.00066011	7.956E-14
14D30439	14.7 %		18.838001	2.068447	2.180030	0.726740	0.015372	0.003084	93.406	6.343398	1.00066017	3.455E-13
14D30440	15.5 %		16.325279	0.705328	2.946650	0.303984	0.008031	0.001117	93.415	6.344529	1.00066023	7.544E-13
14D30442	16.3 %		16.465770	0.187804	2.987523	0.079458	0.006430	0.000302	93.432	6.346705	1.00066036	2.895E-12
14D30443	17.1 %		15.678893	0.091791	2.916678	0.040448	0.004226	0.000150	93.440	6.347750	1.00066041	5.541E-12
14D30444	18.0 %		15.585763	0.048342	2.932791	0.022932	0.003470	0.000077	93.449	6.348794	1.00066047	1.109E-11
14D30446	18.8 %	✓	15.664885	0.044371	2.965696	0.020528	0.003298	0.000071	93.466	6.350972	1.00066060	1.221E-11
14D30447	19.5 %	✓	15.447102	0.033759	2.944442	0.017117	0.002824	0.000055	93.475	6.352105	1.00066066	1.596E-11
14D30448	20.3 %	✓	15.522698	0.022285	2.981374	0.013548	0.002799	0.000037	93.483	6.353150	1.00066072	2.651E-11
14D30450	21.2 %	✓	15.369940	0.017005	2.963879	0.011768	0.002464	0.000027	93.501	6.355329	1.00066084	3.988E-11
14D30451	22.2 %	✓	15.394107	0.016791	2.971293	0.011814	0.002644	0.000026	93.509	6.356375	1.00066090	4.081E-11
14D30452	23.3 %	✓	15.250285	0.014892	2.981887	0.011316	0.002091	0.000021	93.518	6.357509	1.00066096	5.018E-11
14D30454	24.5 %	✓	15.214886	0.016981	2.985740	0.011798	0.002027	0.000025	93.535	6.359689	1.00066109	4.014E-11

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
14D30416	1.8 %	0.0174333 ± 0.0008859	0.0614425 ± 0.0291535	0.0691014 ± 0.0267198	0.0352961 ± 0.0293677	5.0331060 ± 0.2759743
14D30418	2.0 %	0.0175713 ± 0.0008859	0.0303312 ± 0.0291535	0.0603510 ± 0.0267198	0.0281972 ± 0.0293677	5.1049520 ± 0.2759743
14D30419	2.5 %	0.0175723 ± 0.0008859	0.0177780 ± 0.0291535	0.0569663 ± 0.0267198	0.0248449 ± 0.0293677	5.1149216 ± 0.2759743
14D30420	3.2 %	0.0175414 ± 0.0008859	0.0081010 ± 0.0291535	0.0545042 ± 0.0267198	0.0219459 ± 0.0293677	5.1118503 ± 0.2759743
14D30422	3.9 %	0.0174090 ± 0.0008859	0.0069953 ± 0.0291535	0.0512688 ± 0.0267198	0.0164773 ± 0.0293677	5.0795159 ± 0.2759743
14D30423	4.6 %	0.0173255 ± 0.0008859	0.0121725 ± 0.0291535	0.0505531 ± 0.0267198	0.0141123 ± 0.0293677	5.0565514 ± 0.2759743
14D30424	5.3 %	0.0172289 ± 0.0008859	0.0165163 ± 0.0291535	0.0503349 ± 0.0267198	0.0117304 ± 0.0293677	5.0295175 ± 0.2759743
14D30426	6.0 %	0.0170460 ± 0.0008859	0.0218318 ± 0.0291535	0.0513746 ± 0.0267198	0.0076481 ± 0.0293677	4.9792774 ± 0.2759743
14D30427	6.7 %	0.0169676 ± 0.0008859	0.0232436 ± 0.0291535	0.0524739 ± 0.0267198	0.0059089 ± 0.0293677	4.9591329 ± 0.2759743
14D30428	7.3 %	0.0168996 ± 0.0008859	0.0240765 ± 0.0291535	0.0539088 ± 0.0267198	0.0043049 ± 0.0293677	4.9431817 ± 0.2759743
14D30430	8.3 %	0.0168012 ± 0.0008859	0.0244009 ± 0.0291535	0.0577977 ± 0.0267198	0.0013743 ± 0.0293677	4.9271303 ± 0.2759743
14D30431	9.3 %	0.0167767 ± 0.0008859	0.0240294 ± 0.0291535	0.0601999 ± 0.0267198	0.0000579 ± 0.0293677	4.9293045 ± 0.2759743
14D30432	10.5 %	0.0167716 ± 0.0008859	0.0234693 ± 0.0291535	0.0625854 ± 0.0267198	0.0010381 ± 0.0293677	4.9381065 ± 0.2759743
14D30434	11.5 %	0.0168149 ± 0.0008859	0.0219046 ± 0.0291535	0.0678736 ± 0.0267198	0.0029740 ± 0.0293677	4.9771131 ± 0.2759743
14D30435	12.5 %	0.0168601 ± 0.0008859	0.0210634 ± 0.0291535	0.0704683 ± 0.0267198	0.0037453 ± 0.0293677	5.0050279 ± 0.2759743
14D30436	13.2 %	0.0169246 ± 0.0008859	0.0201411 ± 0.0291535	0.0732462 ± 0.0267198	0.0044713 ± 0.0293677	5.0410066 ± 0.2759743
14D30438	14.0 %	0.0170840 ± 0.0008859	0.0184246 ± 0.0291535	0.0782692 ± 0.0267198	0.0055640 ± 0.0293677	5.1224972 ± 0.2759743
14D30439	14.7 %	0.0171705 ± 0.0008859	0.0176413 ± 0.0291535	0.0804240 ± 0.0267198	0.0059538 ± 0.0293677	5.1646633 ± 0.2759743
14D30440	15.5 %	0.0172659 ± 0.0008859	0.0168120 ± 0.0291535	0.0824907 ± 0.0267198	0.0062822 ± 0.0293677	5.2101485 ± 0.2759743
14D30442	16.3 %	0.0174330 ± 0.0008859	0.0151718 ± 0.0291535	0.0854412 ± 0.0267198	0.0066521 ± 0.0293677	5.2883779 ± 0.2759743
14D30443	17.1 %	0.0174944 ± 0.0008859	0.0142879 ± 0.0291535	0.0862635 ± 0.0267198	0.0067126 ± 0.0293677	5.3169467 ± 0.2759743
14D30444	18.0 %	0.0175355 ± 0.0008859	0.0132757 ± 0.0291535	0.0866255 ± 0.0267198	0.0067002 ± 0.0293677	5.3363392 ± 0.2759743
14D30446	18.8 %	0.0175259 ± 0.0008859	0.0104775 ± 0.0291535	0.0856542 ± 0.0267198	0.0064484 ± 0.0293677	5.3350233 ± 0.2759743
14D30447	19.5 %	0.0174522 ± 0.0008859	0.0084718 ± 0.0291535	0.0840899 ± 0.0267198	0.0062008 ± 0.0293677	5.3047100 ± 0.2759743
14D30448	20.3 %	0.0173306 ± 0.0008859	0.0061566 ± 0.0291535	0.0819174 ± 0.0267198	0.0059032 ± 0.0293677	5.2538603 ± 0.2759743
14D30450	21.2 %	0.0168714 ± 0.0008859	0.0005654 ± 0.0291535	0.0748748 ± 0.0267198	0.0050753 ± 0.0293677	5.0608479 ± 0.2759743
14D30451	22.2 %	0.0165316 ± 0.0008859	0.0049510 ± 0.0291535	0.0701571 ± 0.0267198	0.0045796 ± 0.0293677	4.9180170 ± 0.2759743
14D30452	23.3 %	0.0160598 ± 0.0008859	0.0107558 ± 0.0291535	0.0639686 ± 0.0267198	0.0039715 ± 0.0293677	4.7198377 ± 0.2759743
14D30454	24.5 %	0.0147970 ± 0.0008859	0.0256702 ± 0.0291535	0.0486230 ± 0.0267198	0.0025951 ± 0.0293677	4.1905348 ± 0.2759743

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)
14D30416	1.8 %	0.2020889 ± 0.0010574	0.3263	EXP 150 of 150	0.033004 ± 0.032838	0.0029	EXP 150 of 150	0.0004378 ± 0.0264155	0.0031	EXP 150 of 150	0.310293 ± 0.026064	0.0283	EXP 150 of 150	63.90905 ± 0.03365	0.9761	EXP 150 of 150
14D30418	2.0 %	0.0277855 ± 0.0004957	0.5813	EXP 150 of 150	0.027147 ± 0.027359	0.0094	EXP 150 of 150	0.0659206 ± 0.0252210	0.0032	EXP 150 of 150	0.043286 ± 0.024962	0.0226	EXP 150 of 150	8.82197 ± 0.02984	0.9958	EXP 150 of 150
14D30419	2.5 %	0.0318978 ± 0.0004358	0.5749	EXP 150 of 150	0.004709 ± 0.026961	0.0043	EXP 150 of 150	0.1158654 ± 0.0246967	0.0075	EXP 150 of 150	0.024684 ± 0.024182	0.0838	EXP 150 of 150	10.34605 ± 0.02965	0.9958	EXP 150 of 150
14D30420	3.2 %	0.0537500 ± 0.0006191	0.1767	EXP 149 of 150	0.002824 ± 0.028242	0.0233	EXP 150 of 150	0.0741667 ± 0.0243329	0.0004	EXP 150 of 150	0.082179 ± 0.025918	0.0428	EXP 150 of 150	17.09501 ± 0.03274	0.9939	EXP 150 of 150
14D30422	3.9 %	0.0346534 ± 0.0005172	0.4698	EXP 150 of 150	0.038797 ± 0.029490	0.0363	EXP 150 of 150	0.0738309 ± 0.0259147	0.0023	EXP 150 of 150	0.103626 ± 0.025379	0.0396	EXP 150 of 150	12.17525 ± 0.02906	0.9954	EXP 150 of 150
14D30423	4.6 %	0.0239637 ± 0.0004643	0.6049	EXP 149 of 150	0.057902 ± 0.031013	0.0064	EXP 150 of 150	0.0398591 ± 0.0267556	0.0170	EXP 150 of 150	0.130157 ± 0.023660	0.0192	EXP 150 of 150	8.60128 ± 0.02846	0.9959	EXP 150 of 150
14D30424	5.3 %	0.0267008 ± 0.0004529	0.5884	EXP 150 of 150	0.037026 ± 0.031263	0.0014	EXP 150 of 150	0.0684582 ± 0.0240567	0.0001	EXP 150 of 150	0.145424 ± 0.023101	0.0114	EXP 150 of 150	9.75625 ± 0.02617	0.9964	EXP 150 of 150
14D30426	6.0 %	0.0297523 ± 0.0004158	0.5343	EXP 150 of 150	0.018701 ± 0.031894	0.0001	EXP 150 of 150	0.0860339 ± 0.0275948	0.0116	EXP 149 of 150	0.165050 ± 0.027241	0.0002	EXP 150 of 150	10.34550 ± 0.02841	0.9954	EXP 150 of 150
14D30427	6.7 %	0.0318494 ± 0.0004469	0.5298	EXP 150 of 150	0.091634 ± 0.030297	0.0315	EXP 149 of 150	0.0783361 ± 0.0237220	0.0021	EXP 150 of 150	0.103023 ± 0.025083	0.0571	EXP 150 of 150	10.89783 ± 0.02741	0.9956	EXP 150 of 150
14D30428	7.3 %	0.0249353 ± 0.0003970	0.6301	EXP 150 of 150	0.035371 ± 0.028669	0.0032	EXP 150 of 150	0.0869277 ± 0.0243184	0.0012	EXP 150 of 150	0.100408 ± 0.027563	0.0187	EXP 150 of 150	8.64775 ± 0.02886	0.9953	EXP 150 of 150
14D30430	8.3 %	0.0330388 ± 0.0004759	0.4383	EXP 150 of 150	0.053685 ± 0.031566	0.0088	EXP 150 of 150	0.0199567 ± 0.0268671	0.0318	EXP 150 of 150	0.121456 ± 0.025768	0.0103	EXP 150 of 150	11.37776 ± 0.02819	0.9950	EXP 150 of 150
14D30431	9.3 %	0.0320091 ± 0.0004728	0.4295	EXP 150 of 150	0.033332 ± 0.027541	0.0021	EXP 150 of 150	0.0553284 ± 0.0268344	0.0001	EXP 149 of 150	0.105786 ± 0.028836	0.0290	EXP 150 of 150	10.99907 ± 0.02875	0.9947	EXP 150 of 150
14D30432	10.5 %	0.0291337 ± 0.0004426	0.4869	EXP 150 of 150	0.005663 ± 0.030710	0.0126	EXP 149 of 150	0.0460708 ± 0.0278941	0.0084	EXP 150 of 150	0.136382 ± 0.026416	0.0063	EXP 150 of 150	10.08944 ± 0.03198	0.9936	EXP 150 of 150
14D30434	11.5 %	0.0246652 ± 0.0004386	0.5037	EXP 150 of 150	0.025396 ± 0.031320	0.0001	EXP 150 of 150	0.0882683 ± 0.0252190	0.0000	EXP 150 of 150	0.106830 ± 0.028123	0.0180	EXP 150 of 150	8.13550 ± 0.02751	0.9954	EXP 150 of 150
14D30435	12.5 %	0.0226010 ± 0.0004230	0.6275	EXP 150 of 150	0.015237 ± 0.029619	0.0029	EXP 150 of 150	0.1051782 ± 0.0277249	0.0010	EXP 150 of 150	0.071108 ± 0.026218	0.0315	EXP 150 of 150	8.13900 ± 0.03087	0.9941	EXP 150 of 150
14D30436	13.2 %	0.0226161 ± 0.0003907	0.6413	EXP 150 of 150	0.001104 ± 0.027841	0.0057	EXP 150 of 150	0.0939468 ± 0.0267656	0.0006	EXP 150 of 150	0.131775 ± 0.025421	0.0029	EXP 150 of 150	7.76448 ± 0.03043	0.9941	EXP 150 of 150
14D30438	14.0 %	0.0204005 ± 0.0003527	0.6750	EXP 150 of 150	0.054392 ± 0.030940	0.0370	EXP 150 of 150	0.0761041 ± 0.0292442	0.0008	EXP 150 of 150	0.033727 ± 0.025889	0.0644	EXP 150 of 150	6.78453 ± 0.02898	0.9948	EXP 150 of 150
14D30439	14.7 %	0.0227632 ± 0.0003783	0.6763	EXP 149 of 150	0.146330 ± 0.028550	0.0094	EXP 150 of 150	0.0496501 ± 0.0288361	0.0031	EXP 150 of 150	0.373330 ± 0.025678	0.0239	EXP 150 of 150	12.38192 ± 0.02784	0.9944	EXP 150 of 150
14D30440	15.5 %	0.0246277 ± 0.0004228	0.5561	EXP 150 of 150	0.455006 ± 0.029873	0.0464	EXP 150 of 150	0.0479518 ± 0.0250996	0.0115	EXP 150 of 150	0.949371 ± 0.023640	0.0382	EXP 150 of 150	20.96934 ± 0.02806	0.9927	EXP 150 of 150
14D30442	16.3 %	0.0398574 ± 0.0005152	0.3899	EXP 149 of 150	1.704778 ± 0.028721	0.1424	EXP 149 of 150	0.0037563 ± 0.0258106	0.0005	EXP 150 of 150	3.629031 ± 0.023912	0.5028	EXP 149 of 150	65.75851 ± 0.03025	0.9191	EXP 150 of 150
14D30443	17.1 %	0.0471172 ± 0.0005393	0.3872	EXP 150 of 150	3.329622 ± 0.028674	0.3619	EXP 150 of 150	0.0959598 ± 0.0266791	0.0060	EXP 150 of 150	7.301680 ± 0.025156	0.7686	EXP 150 of 150	121.06407 ± 0.03418	0.9593	EXP 150 of 150
14D30444	18.0 %	0.0665286 ± 0.0005935	0.3329	EXP 150 of 150	6.725961 ± 0.031787	0.6233	EXP 150 of 150	0.2945843 ± 0.0247735	0.0193	EXP 150 of 150	14.712011 ± 0.028225	0.9200	EXP 150 of 150	237.06023 ± 0.04381	0.9964	EXP 150 of 150
14D30446	18.8 %	0.0685145 ± 0.0006048	0.4138	EXP 150 of 150	7.442279 ± 0.027823	0.7130	EXP 150 of 150	0.2954444 ± 0.0262909	0.0086	EXP 150 of 150	16.113768 ± 0.027891	0.9293	EXP 150 of 150	260.41189 ± 0.04573	0.9970	EXP 150 of 150
14D30447	19.5 %	0.0753508 ± 0.0006573	0.3242	EXP 150 of 150	9.789499 ± 0.029588	0.7762	EXP 150 of 150	0.4323663 ± 0.0275326	0.0294	EXP 150 of 150	21.366644 ± 0.027671	0.9619	EXP 150 of 150	338.79436 ± 0.04630	0.9986	EXP 150 of 150
14D30448	20.3 %	0.1121522 ± 0.0008388	0.2337	EXP 150 of 150	16.371720 ± 0.032671	0.8863	EXP 150 of 150	0.7883571 ± 0.0289671	0.0721	EXP 150 of 150	35.317842 ± 0.027395	0.9857	EXP 150 of 150	559.12278 ± 0.06148	0.9993	EXP 150 of 150
14D30450	21.2 %	0.1437278 ± 0.0010094	0.1959	EXP 150 of 150	24.707909 ± 0.030982	0.9475	EXP 150 of 150	1.1787892 ± 0.0263760	0.0334	EXP 150 of 150	53.659371 ± 0.029343	0.9931	EXP 150 of 150	838.22757 ± 0.07431	0.9996	EXP 150 of 150
14D30451	22.2 %	0.1555667 ± 0.0009747	0.2115	EXP 150 of 150	25.294574 ± 0.033081	0.9513	EXP 150 of 150	1.2625501 ± 0.0259954	0.1401	EXP 149 of 150	54.815489 ± 0.029171	0.9934	EXP 150 of 150	857.36465 ± 0.07083	0.9996	EXP 150 of 150
14D30452	23.3 %	0.1525276 ± 0.0009872	0.3367	EXP 149 of 150	31.500465 ± 0.031041	0.9693	EXP 150 of 150	1.5370906 ± 0.0253841	0.0657	EXP 148 of 150	68.045394 ± 0.029300	0.9957	EXP 150 of 150	1052.99473 ± 0.07223	0.9998	EXP 150 of 150
14D30454	24.5 %	0.1208525 ± 0.0008792	0.4608	EXP 150 of 150	25.262701 ± 0.030499	0.9549	EXP 150 of 150	1.1882551 ± 0.0250642	0.0193	EXP 150 of 150	54.556572 ± 0.031499	0.9921	EXP 150 of 150	842.70322 ± 0.06674	0.9997	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
14D30416	1.8 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30418	2.0 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30419	2.5 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30420	3.2 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30422	3.9 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30423	4.6 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30424	5.3 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30426	6.0 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30427	6.7 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30428	7.3 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30430	8.3 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30431	9.3 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30432	10.5 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30434	11.5 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30435	12.5 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30436	13.2 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30438	14.0 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30439	14.7 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30440	15.5 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30442	16.3 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30443	17.1 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30444	18.0 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30446	18.8 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30447	19.5 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30448	20.3 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30450	21.2 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30451	22.2 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30452	23.3 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	01
14D30454	24.5 %	Susan Schnur	14-OSU-04	0.00	0.00	36.77	Walvis Ridge\MV1203 (13-INT-04)	14D30415	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
14D30416	1.8 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	7	NOV	2014	20	58	1
14D30418	2.0 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	7	NOV	2014	21	23	1
14D30419	2.5 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	7	NOV	2014	21	36	1
14D30420	3.2 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	7	NOV	2014	21	48	1
14D30422	3.9 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	7	NOV	2014	22	13	1
14D30423	4.6 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	7	NOV	2014	22	25	1
14D30424	5.3 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	7	NOV	2014	22	38	1
14D30426	6.0 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	7	NOV	2014	23	3	1
14D30427	6.7 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	7	NOV	2014	23	15	1
14D30428	7.3 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	7	NOV	2014	23	27	1
14D30430	8.3 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	7	NOV	2014	23	52	1
14D30431	9.3 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	8	NOV	2014	0	5	1
14D30432	10.5 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	8	NOV	2014	0	17	1
14D30434	11.5 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	8	NOV	2014	0	42	1
14D30435	12.5 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	8	NOV	2014	0	54	1
14D30436	13.2 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	8	NOV	2014	1	7	1
14D30438	14.0 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	8	NOV	2014	1	32	1
14D30439	14.7 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	8	NOV	2014	1	44	1
14D30440	15.5 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	8	NOV	2014	1	57	1
14D30442	16.3 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	8	NOV	2014	2	22	1
14D30443	17.1 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	8	NOV	2014	2	34	1
14D30444	18.0 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	8	NOV	2014	2	46	1
14D30446	18.8 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	8	NOV	2014	3	11	1
14D30447	19.5 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	8	NOV	2014	3	24	1
14D30448	20.3 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	8	NOV	2014	3	36	1
14D30450	21.2 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	8	NOV	2014	4	1	1
14D30451	22.2 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	8	NOV	2014	4	13	1
14D30452	23.3 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	8	NOV	2014	4	26	1
14D30454	24.5 %	MV1203-D58-16	Hornblende	Wanderer Seamount	FCT-NM (4B24-14)	28.201	0.082	Kuiper et al (2008)	9.62519	0.199	0.00163294	0.199	303.569	0.169	0.9933463	0.071	1	4.8E-14	8	NOV	2014	4	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
14D30416	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
14D30418	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
14D30419	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
14D30420	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
14D30422	3.9 %	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
14D30423	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
14D30424	5.3 %	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
14D30426	6.0 %	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
14D30427	6.7 %	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
14D30428	7.3 %	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
14D30430	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
14D30431	9.3 %	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
14D30432	10.5 %	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
14D30434	11.5 %	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
14D30435	12.5 %	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
14D30436	13.2 %	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
14D30438	14.0 %	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
14D30439	14.7 %	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
14D30440	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
14D30442	16.3 %	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
14D30443	17.1 %	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
14D30444	18.0 %	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
14D30446	18.8 %	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
14D30447	19.5 %	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
14D30448	20.3 %	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
14D30450	21.2 %	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
14D30451	22.2 %	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
14D30452	23.3 %	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
14D30454	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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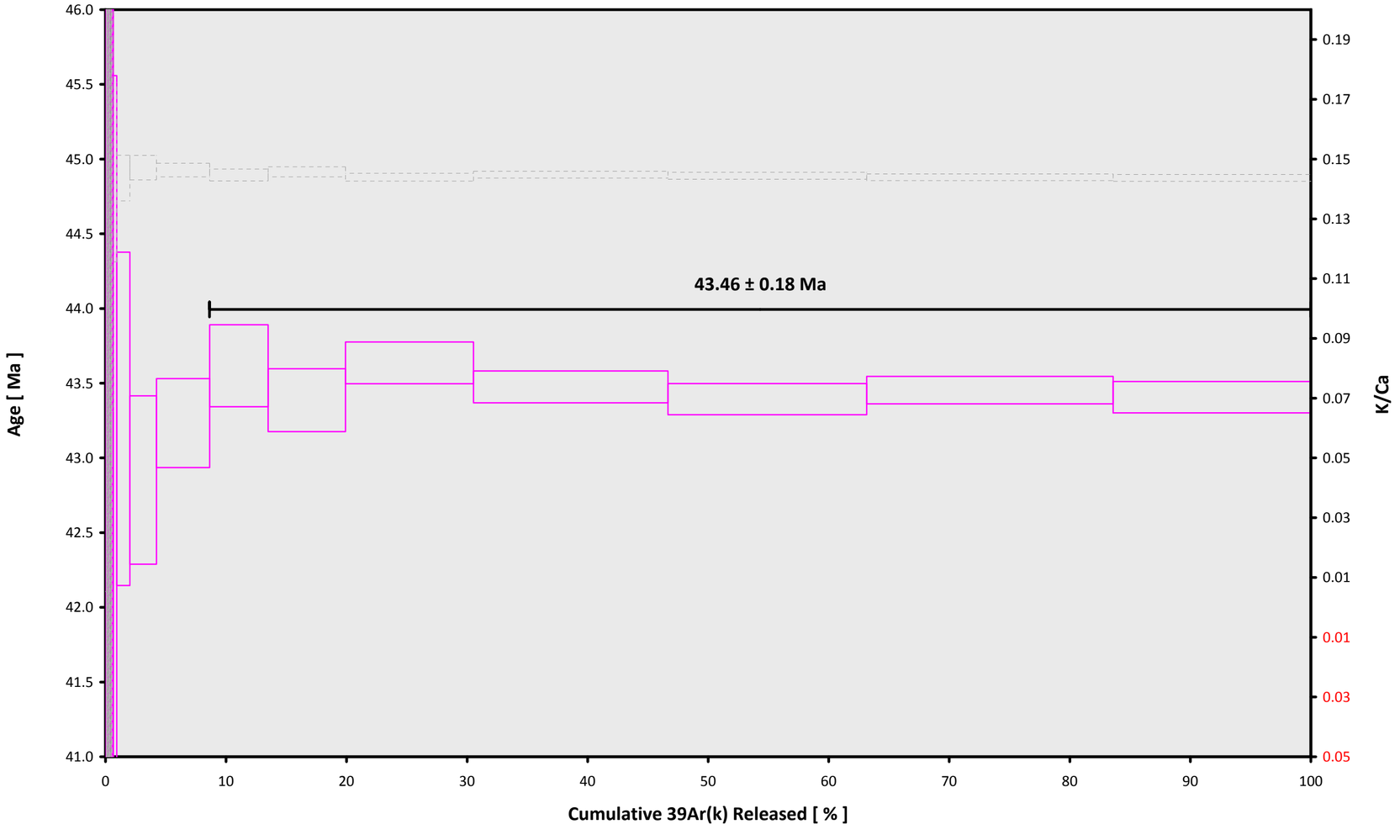


Ar-Ages in Ma

WEIGHTED PLATEAU
43.46 ± 0.18
TOTAL FUSION
43.37 ± 0.19
NORMAL ISOCHRON
43.28 ± 0.34
INVERSE ISOCHRON
43.28 ± 0.34

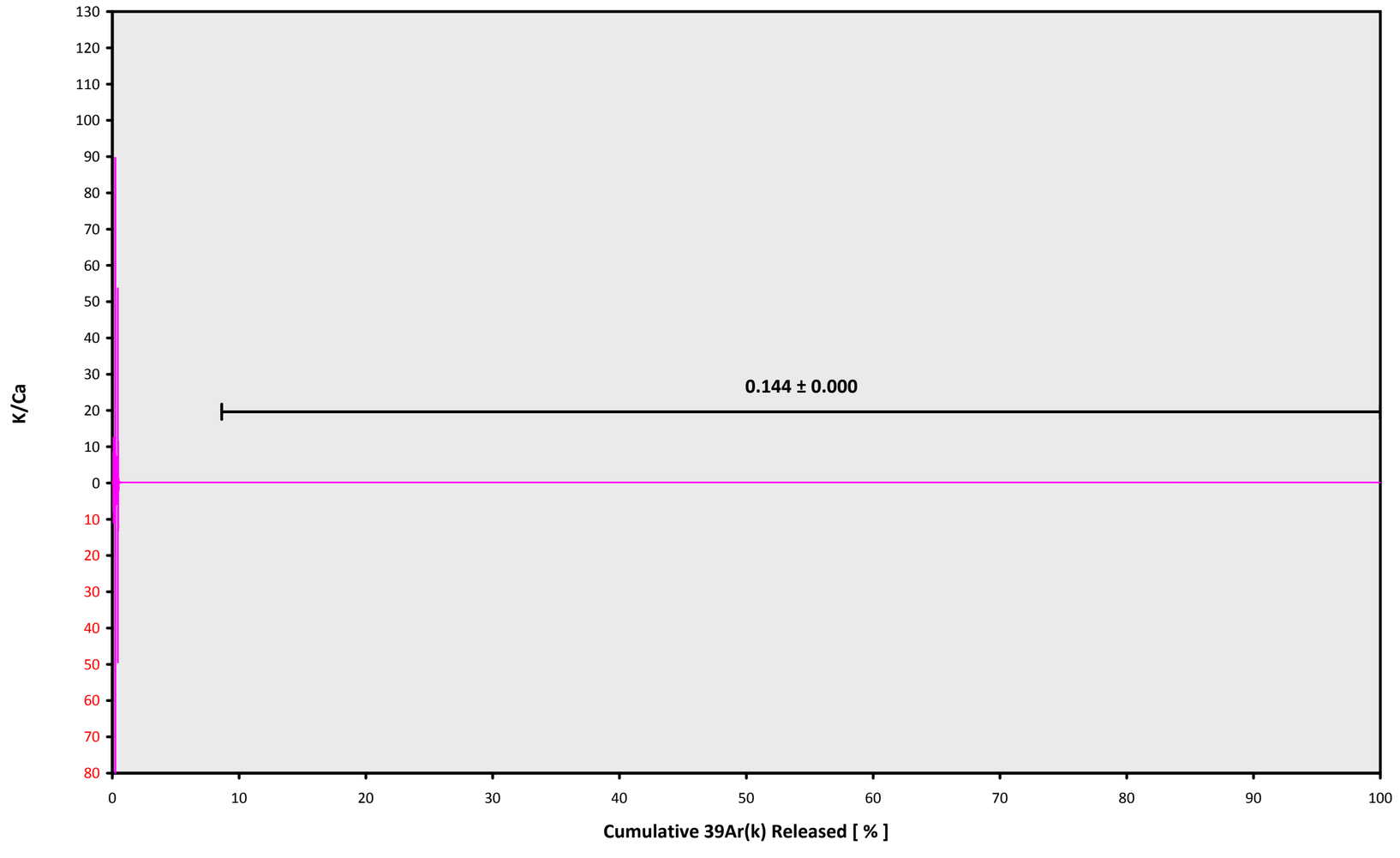
MSWD (PROBABILITY)
1.81 (9%)

Sample Info

Hornblende
Wanderer Seamount
Susan Schnur

IRR = 14-OSU-04 (4B24-14)
J = 0.00163294 ± 0.00000325

14D30415.AGE >>> MV1203-D58-16 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

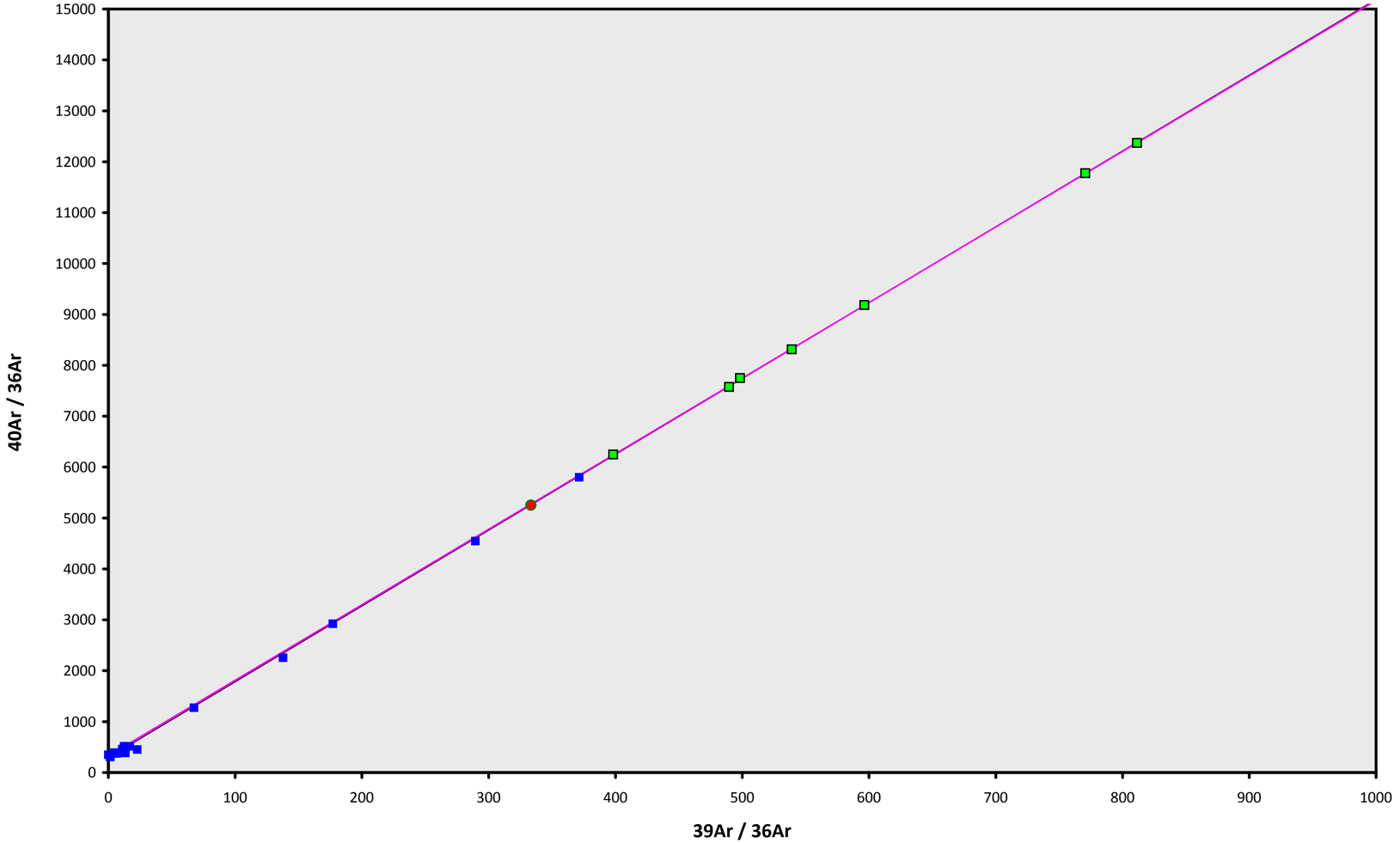
WEIGHTED PLATEAU
43.46 ± 0.18
TOTAL FUSION
43.37 ± 0.19
NORMAL ISOCHRON
43.28 ± 0.34
INVERSE ISOCHRON
43.28 ± 0.34

Sample Info

Hornblende
Wanderer Seamount
Susan Schnur

IRR = 14-OSU-04 (4B24-14)
J = 0.00163294 ± 0.00000325

14D30415.AGE >>> MV1203-D58-16 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
43.46 ± 0.18
TOTAL FUSION
43.37 ± 0.19
NORMAL ISOCHRON
43.28 ± 0.34
INVERSE ISOCHRON
43.28 ± 0.34

MSWD (PROBABILITY)
1.66 (14%)

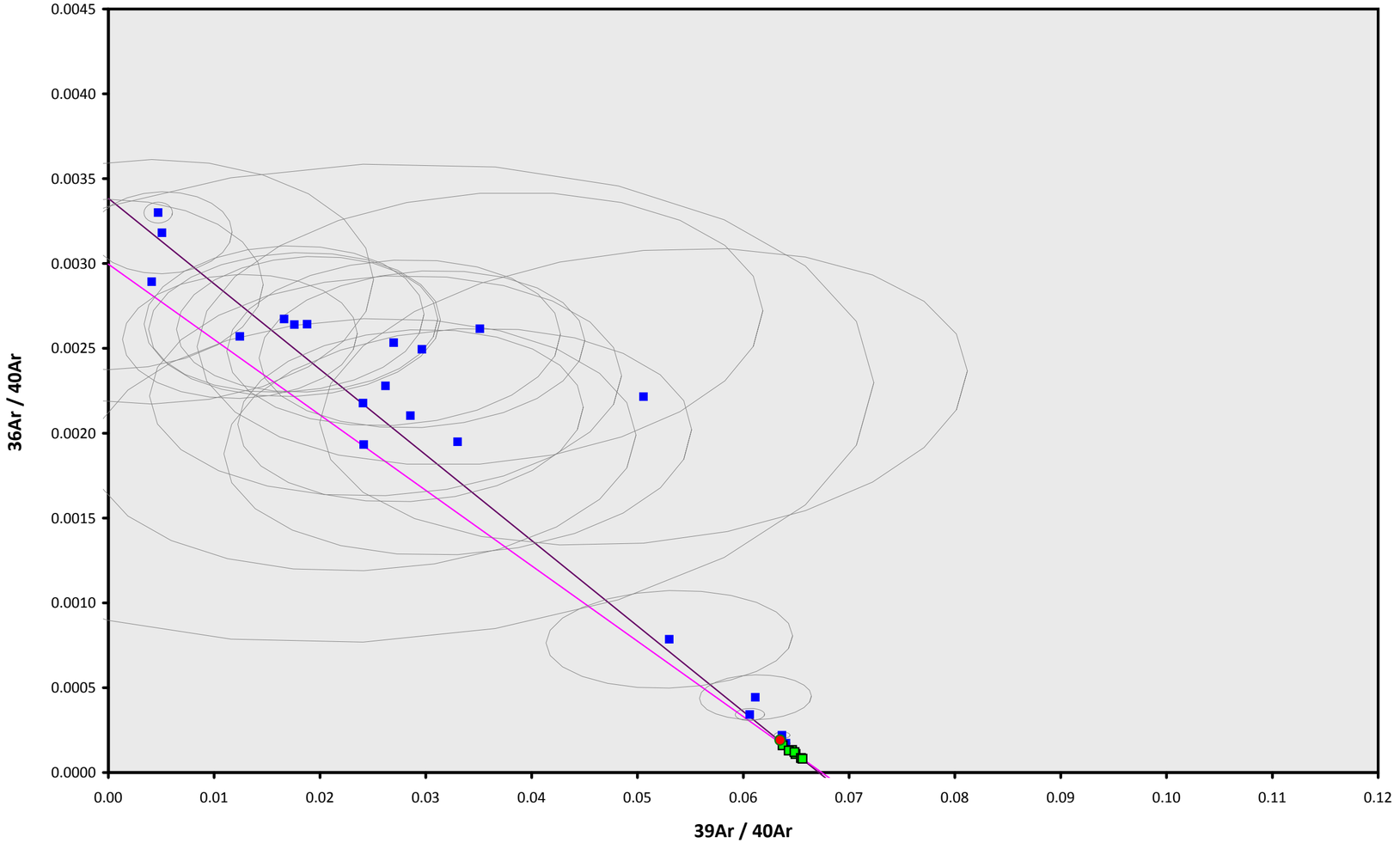
40AR/36AR INTERCEPT
333.1 ± 62.5

Sample Info

Hornblende
Wanderer Seamount
Susan Schnur

IRR = 14-OSU-04 (4B24-14)
J = 0.00163294 ± 0.00000325

14D30415.AGE >>> MV1203-D58-16 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
43.46 ± 0.18
TOTAL FUSION
43.37 ± 0.19
NORMAL ISOCHRON
43.28 ± 0.34
INVERSE ISOCHRON
43.28 ± 0.34

MSWD (PROBABILITY)
1.66 (14%)

SPREADING FACTOR
2.8%

40AR/36AR INTERCEPT
333.7 ± 61.7

Sample Info

Hornblende
Wanderer Seamount
Susan Schnur

IRR = 14-OSU-04 (4B24-14)
J = 0.00163294 ± 0.00000325