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
14D30790	1.8 %		0.1357673	0.965	14.5637	1.891	0.636465	5.812	27.1850	0.152	458.302	0.021	15.42725 ± 0.05523	44.88 ± 0.16	91.48	1.90	0.802 ± 0.030
14D30792	1.9 %		0.0466631	1.958	15.4907	1.893	0.472021	7.703	32.3067	0.133	498.063	0.018	15.02877 ± 0.04372	43.73 ± 0.13	97.45	2.26	0.896 ± 0.034
14D30793	2.0 %		0.0165198	4.668	10.3607	2.793	0.271408	13.831	21.9777	0.187	330.839	0.026	14.86929 ± 0.05984	43.28 ± 0.17	98.75	1.54	0.912 ± 0.051
14D30794	2.1 %		0.0179073	3.970	13.3039	2.148	0.378310	9.942	29.5587	0.143	440.042	0.020	14.74415 ± 0.04495	42.92 ± 0.13	99.01	2.07	0.955 ± 0.041
14D30796	2.2 %		0.0156475	4.776	16.2653	1.853	0.449643	8.720	35.9435	0.129	531.102	0.017	14.68366 ± 0.04013	42.74 ± 0.12	99.34	2.51	0.950 ± 0.035
14D30797	2.3 %		0.0141315	5.007	13.1250	2.132	0.382538	9.826	28.9258	0.144	428.473	0.021	14.70491 ± 0.04532	42.80 ± 0.13	99.24	2.02	0.947 ± 0.040
14D30798	2.4 %		0.0117007	6.406	13.3464	2.201	0.336541	11.792	30.8319	0.141	454.641	0.020	14.66821 ± 0.04419	42.70 ± 0.13	99.44	2.15	0.993 ± 0.044
14D30800	**2.5 %**	✓	**0.0145746**	**5.253**	**19.4963**	**1.509**	**0.533567**	**7.547**	**42.4078**	**0.116**	**623.850**	**0.015**	**14.64610 ± 0.03581**	**42.63 ± 0.10**	**99.53**	**2.96**	**0.935 ± 0.028**
14D30801	**2.6 %**	✓	**0.0085823**	**8.266**	**12.3988**	**2.403**	**0.341395**	**11.430**	**26.4432**	**0.152**	**388.447**	**0.023**	**14.63171 ± 0.04763**	**42.59 ± 0.14**	**99.57**	**1.85**	**0.917 ± 0.044**
14D30802	**2.7 %**	✓	**0.0105397**	**7.055**	**15.3674**	**1.907**	**0.384652**	**9.941**	**32.6617**	**0.127**	**480.122**	**0.018**	**14.64235 ± 0.03986**	**42.62 ± 0.11**	**99.58**	**2.28**	**0.914 ± 0.035**
14D30804	**2.8 %**	✓	**0.0128587**	**5.770**	**23.6790**	**1.256**	**0.563600**	**6.504**	**48.9310**	**0.108**	**718.476**	**0.014**	**14.64483 ± 0.03304**	**42.63 ± 0.10**	**99.70**	**3.42**	**0.888 ± 0.022**
14D30805	**2.9 %**	✓	**0.0136081**	**5.654**	**23.7928**	**1.325**	**0.547898**	**6.874**	**46.5055**	**0.109**	**682.394**	**0.014**	**14.62842 ± 0.03363**	**42.58 ± 0.10**	**99.66**	**3.25**	**0.840 ± 0.022**
14D30806	**3.0 %**	✓	**0.0155990**	**4.663**	**27.5850**	**1.079**	**0.619307**	**6.137**	**52.1376**	**0.104**	**765.147**	**0.013**	**14.63016 ± 0.03187**	**42.59 ± 0.09**	**99.66**	**3.64**	**0.812 ± 0.018**
14D30808	**3.2 %**	✓	**0.0106388**	**6.993**	**19.0377**	**1.617**	**0.405783**	**8.995**	**33.7825**	**0.127**	**495.410**	**0.018**	**14.61773 ± 0.03979**	**42.55 ± 0.11**	**99.64**	**2.36**	**0.763 ± 0.025**
14D30809	**3.4 %**	✓	**0.0102869**	**7.019**	**21.7933**	**1.339**	**0.436349**	**8.820**	**37.8611**	**0.121**	**554.701**	**0.017**	**14.61782 ± 0.03749**	**42.55 ± 0.11**	**99.74**	**2.65**	**0.747 ± 0.020**
14D30810	**3.6 %**	✓	**0.0118298**	**6.222**	**26.5114**	**1.170**	**0.505922**	**7.359**	**43.6592**	**0.118**	**637.564**	**0.015**	**14.57307 ± 0.03621**	**42.42 ± 0.10**	**99.75**	**3.05**	**0.708 ± 0.017**
14D30812	**3.8 %**	✓	**0.0174432**	**4.191**	**38.1318**	**0.832**	**0.699398**	**5.488**	**58.4405**	**0.096**	**852.686**	**0.012**	**14.55642 ± 0.02918**	**42.38 ± 0.08**	**99.72**	**4.08**	**0.659 ± 0.011**
14D30813	**4.0 %**	✓	**0.0159413**	**4.711**	**39.3294**	**0.857**	**0.692969**	**5.232**	**54.7971**	**0.100**	**799.061**	**0.012**	**14.55596 ± 0.03033**	**42.37 ± 0.09**	**99.77**	**3.83**	**0.599 ± 0.010**
14D30814	**4.3 %**	✓	**0.0198458**	**3.711**	**46.7615**	**0.694**	**0.731536**	**5.330**	**60.6982**	**0.095**	**888.100**	**0.011**	**14.59920 ± 0.02886**	**42.50 ± 0.08**	**99.73**	**4.24**	**0.558 ± 0.008**
14D30816	**4.6 %**	✓	**0.0327987**	**2.702**	**88.6754**	**0.486**	**1.192241**	**3.176**	**104.1212**	**0.081**	**1520.272**	**0.008**	**14.57949 ± 0.02433**	**42.44 ± 0.07**	**99.80**	**7.27**	**0.505 ± 0.005**
14D30817	**4.9 %**	✓	**0.0300606**	**2.561**	**76.9179**	**0.508**	**0.958557**	**3.977**	**81.2256**	**0.088**	**1186.641**	**0.009**	**14.57986 ± 0.02631**	**42.44 ± 0.08**	**99.74**	**5.67**	**0.454 ± 0.005**
14D30818	5.2 %		0.0410910	2.167	79.1229	0.509	0.882333	4.294	77.1524	0.090	1127.402	0.009	14.54224 ± 0.02710	42.33 ± 0.08	99.45	5.39	0.419 ± 0.004
14D30820	5.5 %		0.0321555	2.570	78.4885	0.499	0.843328	4.592	72.1116	0.090	1050.848	0.010	14.53327 ± 0.02710	42.31 ± 0.08	99.66	5.04	0.395 ± 0.004
14D30821	5.8 %		0.0237742	3.336	59.5261	0.596	0.587347	6.398	52.3601	0.102	760.692	0.013	14.49069 ± 0.03117	42.19 ± 0.09	99.67	3.66	0.378 ± 0.005
14D30822	6.2 %		0.0227763	3.332	57.3970	0.614	0.574127	6.494	50.8523	0.107	737.719	0.013	14.47079 ± 0.03256	42.13 ± 0.09	99.67	3.55	0.381 ± 0.005
14D30824	6.6 %		0.0242337	3.166	44.7194	0.720	0.490278	7.264	40.4173	0.121	584.437	0.016	14.37688 ± 0.03680	41.86 ± 0.11	99.35	2.82	0.388 ± 0.006
14D30825	7.0 %		0.0211473	3.626	36.5035	0.885	0.382736	9.920	33.8239	0.133	488.122	0.019	14.33811 ± 0.04073	41.75 ± 0.12	99.28	2.36	0.398 ± 0.007
14D30826	7.6 %		0.0182087	3.778	28.1271	1.074	0.300174	12.513	25.9308	0.166	371.591	0.023	14.21454 ± 0.05018	41.39 ± 0.14	99.12	1.81	0.396 ± 0.009
14D30828	8.3 %		0.0256305	3.026	39.0272	0.816	0.501425	7.532	34.7375	0.126	490.371	0.018	13.99375 ± 0.03802	40.76 ± 0.11	99.06	2.43	0.382 ± 0.006
14D30829	9.0 %		0.0259960	2.940	36.9592	0.858	0.335321	11.501	27.7434	0.149	388.734	0.023	13.84835 ± 0.04500	40.34 ± 0.13	98.74	1.94	0.322 ± 0.006
14D30830	9.8 %		0.0253640	2.877	43.4089	0.741	0.327445	11.757	22.8625	0.172	314.481	0.027	13.59060 ± 0.05108	39.59 ± 0.15	98.68	1.60	0.226 ± 0.003
14D30832	11.0 %		0.0374991	2.173	65.9093	0.565	0.261466	13.580	20.1910	0.189	273.848	0.031	13.29642 ± 0.05638	38.75 ± 0.16	97.82	1.41	0.131 ± 0.002
14D30833	13.0 %		0.0919884	1.076	206.4501	0.379	0.300527	12.705	21.7694	0.174	290.926	0.028	12.94078 ± 0.05377	37.72 ± 0.16	96.21	1.51	0.045 ± 0.000
14D30834	15.5 %		0.0854445	1.042	209.5040	0.376	0.173364	21.666	11.0383	0.341	151.611	0.052	13.10549 ± 0.10452	38.20 ± 0.30	94.19	0.76	0.022 ± 0.000
14D30836	18.5 %		0.1018105	1.047	265.7618	0.366	0.182990	20.350	6.9008	0.539	97.153	0.079	13.08657 ± 0.17606	38.14 ± 0.51	90.54	0.47	0.011 ± 0.000
14D30837	21.5 %		0.0259714	2.882	65.2420	0.586	0.072468	52.324	2.3893	1.493	33.648	0.223	13.26091 ± 0.45084	38.64 ± 1.30	92.43	0.16	0.015 ± 0.001
14D30839	24.5 %		0.0128622	5.273	29.3987	1.015	0.008865	435.854	1.3464	2.586	20.002	0.371	13.95260 ± 0.80105	40.64 ± 2.31	92.54	0.09	0.019 ± 0.001
	Σ		1.0988980	0.445	1921.4790	0.125	17.746563	1.297	1432.0288	0.021	20915.919	0.003					

Information on Analysis and Constants Used in Calculations

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D59-12**
Material = **Groundmass**
Location = **Concordia Seamount**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **14-OSU-04 (4B25-14)**
Position = **X: 0 | Y: 0 | Z/H: 37.72 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **9.64927 ± 0.01911**
FCT-NM J-value = **0.00162887 ± 0.00000323**
Air Shot 40Ar/36Ar = **303.5810 ± 0.5161**
Air Shot MDF = **0.99333667 ± 0.00071067 (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 = **IESS10040**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Trachybasalt**
Lat-Lon = **35°58.0'S - 1°11.5'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		14.60090 ± 0.01751	**42.50 ± 0.17**	4.09	50.56	0.548 ± 0.065
Error Mean		± 0.12%	**± 0.41%**	0%	14	
		Full External Error ± 0.97		1.78	2σ Confidence Limit	
		Analytical Error ± 0.05		2.0218	Error Magnification	
Total Fusion Age		14.49397 ± 0.00644	**42.20 ± 0.17**		37	0.320 ± 0.001
		± 0.04%	**± 0.39%**			
		Full External Error ± 0.96				
		Analytical Error ± 0.02				
Normal Isochron	**958.48 ± 320.05**	14.50877 ± 0.04359	**42.24 ± 0.21**	1.06	50.56	
	± 33.39%	± 0.30%	**± 0.49%**	39%	14	
		Full External Error ± 0.97		1.82	2σ Confidence Limit	
		Analytical Error ± 0.13		1.0296	Error Magnification	
				1	Number of Iterations	
				0.0000033362	Convergence	
Inverse Isochron	**1118.82 ± 343.98**	14.49065 ± 0.04626	**42.19 ± 0.21**	1.03	50.56	
Clustered Points	**± 30.75%**	± 0.32%	**± 0.50%**	42%	14	
		Full External Error ± 0.97		1.82	2σ Confidence Limit	
		Analytical Error ± 0.13		1.0131	Error Magnification	
Notes				6	Number of Iterations	
Recoil pattern, but plateau may be acceptable.				0.0000689251	Convergence	
				1%	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
14D30790	1.8 %		0.1318448	14.5637	0.2838335	27.1752	419.238	44.88 ± 0.16	91.48	1.90	0.802 ± 0.030
14D30792	1.9 %		0.0425263	15.4907	0.0744047	32.2963	485.373	43.73 ± 0.13	97.45	2.26	0.896 ± 0.034
14D30793	2.0 %		0.0137601	10.3607	0.0037625	21.9707	326.689	43.28 ± 0.17	98.75	1.54	0.912 ± 0.051
14D30794	2.1 %		0.0143615	13.3039	0.0191578	29.5497	435.685	42.92 ± 0.13	99.01	2.07	0.955 ± 0.041
14D30796	2.2 %		0.0113139	16.2653	0.0140565	35.9326	527.621	42.74 ± 0.12	99.34	2.51	0.950 ± 0.035
14D30797	2.3 %		0.0106313	13.1250	0.0317091	28.9169	425.221	42.80 ± 0.13	99.24	2.02	0.947 ± 0.040
14D30798	2.4 %		0.0081465	13.3464	0.0000000	30.8229	452.116	42.70 ± 0.13	99.44	2.15	0.993 ± 0.044
14D30800	2.5 %	✓	0.0093795	19.4963	0.0203641	42.3947	620.917	42.63 ± 0.10	99.53	2.96	0.935 ± 0.028
14D30801	2.6 %	✓	0.0052772	12.3988	0.0214808	26.4348	386.787	42.59 ± 0.14	99.57	1.85	0.917 ± 0.044
14D30802	2.7 %	✓	0.0064474	15.3674	0.0000000	32.6513	478.092	42.62 ± 0.11	99.58	2.28	0.914 ± 0.035
14D30804	2.8 %	✓	0.0065530	23.6790	0.0000000	48.9150	716.352	42.63 ± 0.10	99.70	3.42	0.888 ± 0.022
14D30805	2.9 %	✓	0.0072721	23.7928	0.0000000	46.4894	680.067	42.58 ± 0.10	99.66	3.25	0.840 ± 0.022
14D30806	3.0 %	✓	0.0082531	27.5850	0.0000000	52.1190	762.509	42.59 ± 0.09	99.66	3.64	0.812 ± 0.018
14D30808	3.2 %	✓	0.0055690	19.0377	0.0000000	33.7696	493.635	42.55 ± 0.11	99.64	2.36	0.763 ± 0.025
14D30809	3.4 %	✓	0.0044833	21.7933	0.0000000	37.8464	553.232	42.55 ± 0.11	99.74	2.65	0.747 ± 0.020
14D30810	3.6 %	✓	0.0047698	26.5114	0.0000000	43.6413	635.987	42.42 ± 0.10	99.75	3.05	0.708 ± 0.017
14D30812	3.8 %	✓	0.0072887	38.1318	0.0000000	58.4147	850.309	42.38 ± 0.08	99.72	4.08	0.659 ± 0.011
14D30813	4.0 %	✓	0.0054632	39.3294	0.0301797	54.7705	797.237	42.37 ± 0.09	99.77	3.83	0.599 ± 0.010
14D30814	4.3 %	✓	0.0073932	46.7615	0.0000000	60.6666	885.683	42.50 ± 0.08	99.73	4.24	0.558 ± 0.008
14D30816	4.6 %	✓	0.0091845	88.6754	0.0000000	104.0613	1517.160	42.44 ± 0.07	99.80	7.27	0.505 ± 0.005
14D30817	4.9 %	✓	0.0095773	76.9179	0.0000000	81.1737	1183.500	42.44 ± 0.08	99.74	5.67	0.454 ± 0.005
14D30818	5.2 %		0.0200206	79.1229	0.0000000	77.0989	1121.191	42.33 ± 0.08	99.45	5.39	0.419 ± 0.004
14D30820	5.5 %		0.0112541	78.4885	0.0000000	72.0586	1047.247	42.31 ± 0.08	99.66	5.04	0.395 ± 0.004
14D30821	5.8 %		0.0079224	59.5261	0.0000000	52.3198	758.151	42.19 ± 0.09	99.67	3.66	0.378 ± 0.005
14D30822	6.2 %		0.0074915	57.3970	0.0000000	50.8135	735.311	42.13 ± 0.09	99.67	3.55	0.381 ± 0.005
14D30824	6.6 %		0.0123250	44.7194	0.0000000	40.3871	580.641	41.86 ± 0.11	99.35	2.82	0.388 ± 0.006
14D30825	7.0 %		0.0114264	36.5035	0.0000000	33.7992	484.617	41.75 ± 0.12	99.28	2.36	0.398 ± 0.007
14D30826	7.6 %		0.0107184	28.1271	0.0000000	25.9118	368.325	41.39 ± 0.14	99.12	1.81	0.396 ± 0.009
14D30828	8.3 %		0.0152254	39.0272	0.0781669	34.7112	485.739	40.76 ± 0.11	99.06	2.43	0.382 ± 0.006
14D30829	9.0 %		0.0161538	36.9592	0.0000000	27.7185	383.855	40.34 ± 0.13	98.74	1.94	0.322 ± 0.006
14D30830	9.8 %		0.0137969	43.4089	0.0470438	22.8332	310.316	39.59 ± 0.15	98.68	1.60	0.226 ± 0.003
14D30832	11.0 %		0.0199458	65.9093	0.0106227	20.1465	267.877	38.75 ± 0.16	97.82	1.41	0.131 ± 0.002
14D30833	13.0 %		0.0370079	206.4501	0.0185576	21.6299	279.908	37.72 ± 0.16	96.21	1.51	0.045 ± 0.000
14D30834	15.5 %		0.0296502	209.5040	0.0216806	10.8968	142.808	38.20 ± 0.30	94.19	0.76	0.022 ± 0.000
14D30836	18.5 %		0.0310261	265.7618	0.0772452	6.7213	87.959	38.14 ± 0.51	90.54	0.47	0.011 ± 0.000
14D30837	21.5 %		0.0085915	65.2420	0.0379616	2.3453	31.100	38.64 ± 1.30	92.43	0.16	0.015 ± 0.001
14D30839	24.5 %		0.0050333	29.3987	0.0000000	1.3266	18.509	40.64 ± 2.31	92.54	0.09	0.019 ± 0.001
	Σ		0.5870850	1921.4790	0.7902271	1430.7306	20736.966				

Information on Analysis

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D59-12**
Material = **Groundmass**
Location = **Concordia Seamount**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **14-OSU-04 (4B25-14)**
J = **0.00162887 ± 0.00000323**
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	14.60090	± 0.01751	**42.50**	**± 0.17**	4.09	50.56	0.548 ± 0.065
Error Mean		± 0.12%		**± 0.41%**	0%	14	
			Full External Error	± 0.97	1.78	2σ Confidence Limit	
			Analytical Error	± 0.05	2.0218	Error Magnification	
Total Fusion Age	14.49397	± 0.00644	**42.20**	**± 0.17**		37	0.320 ± 0.001
		± 0.04%		**± 0.39%**			
			Full External Error	± 0.96			
			Analytical Error	± 0.02			

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
14D30790	1.8 %		206.11 ± 4.15	3475.28 ± 69.21	0.9884
14D30792	1.9 %		759.44 ± 32.82	11708.98 ± 505.13	0.9981
14D30793	2.0 %		1596.69 ± 179.96	24037.19 ± 2707.75	0.9994
14D30794	2.1 %		2057.56 ± 204.96	30632.48 ± 3050.14	0.9996
14D30796	2.2 %		3175.97 ± 422.10	46930.37 ± 6236.10	0.9998
14D30797	2.3 %		2719.97 ± 364.18	40292.42 ± 5393.57	0.9998
14D30798	2.4 %		3783.57 ± 700.11	55793.65 ± 10322.81	0.9999
14D30800	2.5 %	✓	4519.92 ± 741.84	66494.67 ± 10912.51	0.9999
14D30801	2.6 %	✓	5009.27 ± 1355.37	73589.70 ± 19910.06	0.9999
14D30802	2.7 %	✓	5064.28 ± 1174.57	74448.38 ± 17266.06	0.9999
14D30804	2.8 %	✓	7464.55 ± 1700.23	109612.60 ± 24965.86	1.0000
14D30805	2.9 %	✓	6392.85 ± 1360.99	93812.85 ± 19970.98	0.9999
14D30806	3.0 %	✓	6315.11 ± 1119.86	92686.52 ± 16435.01	0.9999
14D30808	3.2 %	✓	6063.83 ± 1629.99	88934.98 ± 23905.11	1.0000
14D30809	3.4 %	✓	8441.58 ± 2735.10	123692.96 ± 40075.78	1.0000
14D30810	3.6 %	✓	9149.45 ± 2841.69	133631.13 ± 41502.69	1.0000
14D30812	3.8 %	✓	8014.38 ± 1618.59	116956.24 ± 23619.53	1.0000
14D30813	4.0 %	✓	10025.38 ± 2776.35	146224.56 ± 40493.23	1.0000
14D30814	4.3 %	✓	8205.75 ± 1646.82	120092.88 ± 24100.44	1.0000
14D30816	4.6 %	✓	11330.10 ± 2206.72	165482.62 ± 32229.30	1.0000
14D30817	4.9 %	✓	8475.60 ± 1376.02	123868.59 ± 20109.04	0.9999
14D30818	5.2 %		3850.98 ± 345.33	56297.38 ± 5047.32	0.9998
14D30820	5.5 %		6402.90 ± 948.45	93350.53 ± 13826.82	0.9999
14D30821	5.8 %		6604.03 ± 1332.39	95992.43 ± 19365.89	0.9999
14D30822	6.2 %		6782.86 ± 1385.60	98448.78 ± 20109.97	0.9999
14D30824	6.6 %		3276.85 ± 410.76	47406.40 ± 5941.38	0.9998
14D30825	7.0 %		2958.00 ± 399.70	42707.56 ± 5769.80	0.9998
14D30826	7.6 %		2417.50 ± 312.60	34659.11 ± 4480.16	0.9997
14D30828	8.3 %		2279.82 ± 233.79	32198.78 ± 3300.92	0.9997
14D30829	9.0 %		1715.91 ± 163.47	24057.98 ± 2290.87	0.9995
14D30830	9.8 %		1654.95 ± 176.42	22787.26 ± 2427.93	0.9995
14D30832	11.0 %		1010.06 ± 83.28	13725.73 ± 1130.54	0.9989
14D30833	13.0 %		584.47 ± 32.13	7858.96 ± 431.14	0.9979
14D30834	15.5 %		367.51 ± 22.91	5111.92 ± 316.70	0.9937
14D30836	18.5 %		216.63 ± 15.58	3130.50 ± 222.51	0.9878
14D30837	21.5 %		272.97 ± 48.74	3915.37 ± 689.10	0.9850
14D30839	24.5 %		263.56 ± 72.85	3972.85 ± 1078.58	0.9814

Results	40(a)/36(a) ± 2σ		40(r)/39(k) ± 2σ		Age ± 2σ (Ma)		MSWD
Normal Isochron	**958.48**	**± 320.05**	14.50877	± 0.04359	**42.24**	**± 0.21**	1.06
		± 33.39%		± 0.30%		**± 0.49%**	39%
					Full External Error	± 0.97	
					Analytical Error	± 0.13	

Statistics				
	2σ Confidence Limit	1.82	Convergence	0.000003336248
	Error Magnification	1.0296	Number of Iterations	1
	Number of Data Points	14	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ±2σ	36(a)/40(a+r) ±2σ	r.i.
14D30790	1.8 %		0.0593088 ± 0.0001815	0.00028775 ± 0.00000573	0.0028
14D30792	1.9 %		0.0648598 ± 0.0001741	0.00008540 ± 0.00000368	0.0011
14D30793	2.0 %		0.0664259 ± 0.0002505	0.00004160 ± 0.00000469	0.0006
14D30794	2.1 %		0.0671692 ± 0.0001941	0.00003265 ± 0.00000325	0.0006
14D30796	2.2 %		0.0676741 ± 0.0001759	0.00002131 ± 0.00000283	0.0003
14D30797	2.3 %		0.0675057 ± 0.0001970	0.00002482 ± 0.00000332	0.0005
14D30798	2.4 %		0.0678136 ± 0.0001930	0.00001792 ± 0.00000332	0.0003
14D30800	2.5 %	✓	0.0679741 ± 0.0001585	0.00001504 ± 0.00000247	0.0002
14D30801	2.6 %	✓	0.0680703 ± 0.0002087	0.00001359 ± 0.00000368	0.0002
14D30802	2.7 %	✓	0.0680240 ± 0.0001742	0.00001343 ± 0.00000312	0.0002
14D30804	2.8 %	✓	0.0680994 ± 0.0001478	0.00000912 ± 0.00000208	0.0002
14D30805	2.9 %	✓	0.0681447 ± 0.0001498	0.00001066 ± 0.00000227	0.0002
14D30806	3.0 %	✓	0.0681341 ± 0.0001433	0.00001079 ± 0.00000191	0.0002
14D30808	3.2 %	✓	0.0681828 ± 0.0001753	0.00001124 ± 0.00000302	0.0002
14D30809	3.4 %	✓	0.0682462 ± 0.0001668	0.00000808 ± 0.00000262	0.0001
14D30810	3.6 %	✓	0.0684680 ± 0.0001635	0.00000748 ± 0.00000232	0.0001
14D30812	3.8 %	✓	0.0685246 ± 0.0001328	0.00000855 ± 0.00000173	0.0001
14D30813	4.0 %	✓	0.0685616 ± 0.0001376	0.00000684 ± 0.00000189	0.0001
14D30814	4.3 %	✓	0.0683284 ± 0.0001308	0.00000833 ± 0.00000167	0.0001
14D30816	4.6 %	✓	0.0684670 ± 0.0001118	0.00000604 ± 0.00000118	0.0001
14D30817	4.9 %	✓	0.0684242 ± 0.0001206	0.00000807 ± 0.00000131	0.0001
14D30818	5.2 %		0.0684042 ± 0.0001233	0.00001776 ± 0.00000159	0.0002
14D30820	5.5 %		0.0685898 ± 0.0001238	0.00001071 ± 0.00000159	0.0001
14D30821	5.8 %		0.0687974 ± 0.0001416	0.00001042 ± 0.00000210	0.0002
14D30822	6.2 %		0.0688973 ± 0.0001491	0.00001016 ± 0.00000207	0.0001
14D30824	6.6 %		0.0691226 ± 0.0001684	0.00002109 ± 0.00000264	0.0003
14D30825	7.0 %		0.0692616 ± 0.0001856	0.00002342 ± 0.00000316	0.0004
14D30826	7.6 %		0.0697507 ± 0.0002337	0.00002885 ± 0.00000373	0.0005
14D30828	8.3 %		0.0708047 ± 0.0001802	0.00003106 ± 0.00000318	0.0005
14D30829	9.0 %		0.0713238 ± 0.0002158	0.00004157 ± 0.00000396	0.0007
14D30830	9.8 %		0.0726261 ± 0.0002532	0.00004388 ± 0.00000468	0.0008
14D30832	11.0 %		0.0735891 ± 0.0002819	0.00007286 ± 0.00000600	0.0012
14D30833	13.0 %		0.0743695 ± 0.0002645	0.00012724 ± 0.00000698	0.0016
14D30834	15.5 %		0.0718931 ± 0.0005034	0.00019562 ± 0.00001212	0.0025
14D30836	18.5 %		0.0692012 ± 0.0007755	0.00031944 ± 0.00002271	0.0032
14D30837	21.5 %		0.0697183 ± 0.0021445	0.00025540 ± 0.00004495	0.0037
14D30839	24.5 %		0.0663403 ± 0.0035175	0.00025171 ± 0.00006834	0.0038

Results	40(a)/36(a) ±2σ	40(r)/39(k) ±2σ	Age ±2σ (Ma)	MSWD
Inverse Isochron	**1118.82 ± 343.98**	14.49065 ± 0.04626	**42.19 ± 0.21**	1.03
Clustered Points	**± 30.75%**	± 0.32%	**± 0.50%**	42%
			Full External Error ± 0.97	
			Analytical Error ± 0.13	

Statistics				
2σ Confidence Limit	1.82	Convergence		0.0000689251
Error Magnification	1.0131	Number of Iterations		6
Number of Data Points	14	Calculated Line		Weighted York-2
Spreading Factor	0.9%			

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
14D30790	1.8 %		0.1318448	1.00	0.0000000	0.00	0.0038783	1.90	0.0000442	13.07	14.5637	1.89	0.0246418	1.00	0.0000000	0.00	0.326944	0.22	0.0010457	12.96	0.2838335	13.10	27.1752	0.15	0.0098392	2.31	419.238	0.10	38.96014	1.00	0.0000000	0.00	0.1038907	2.66
14D30792	1.9 %		0.0425263	2.16	0.0000000	0.00	0.0041252	1.90	0.0000116	48.89	15.4907	1.89	0.0079482	2.16	0.0000000	0.00	0.388556	0.21	0.0011122	12.96	0.0744047	48.90	32.2963	0.13	0.0104655	2.31	485.373	0.06	12.56653	2.16	0.0000000	0.00	0.1234686	2.66
14D30793	2.0 %		0.0137601	5.63	0.0000000	0.00	0.0027591	2.80	0.0000006	997.90	10.3607	2.79	0.0025718	5.63	0.0000000	0.00	0.264330	0.25	0.0007439	13.12	0.0037625	997.90	21.9707	0.19	0.0069997	3.09	326.689	0.07	4.06612	5.63	0.0000000	0.00	0.0839941	2.67
14D30794	2.1 %		0.0143615	4.98	0.0000000	0.00	0.0035428	2.15	0.0000030	196.38	13.3039	2.15	0.0026842	4.98	0.0000000	0.00	0.355512	0.21	0.0009552	13.00	0.0191578	196.39	29.5497	0.14	0.0089881	2.52	435.685	0.05	4.24383	4.98	0.0000000	0.00	0.1129685	2.66
14D30796	2.2 %		0.0113139	6.64	0.0000000	0.00	0.0043314	1.86	0.0000022	279.01	16.2653	1.85	0.0021146	6.64	0.0000000	0.00	0.432305	0.21	0.0011678	12.95	0.0140565	279.01	35.9326	0.13	0.0109888	2.28	527.621	0.05	3.34325	6.64	0.0000000	0.00	0.1373701	2.66
14D30797	2.3 %		0.0106313	6.69	0.0000000	0.00	0.0034952	2.14	0.0000049	118.58	13.1250	2.13	0.0019870	6.69	0.0000000	0.00	0.347900	0.22	0.0009424	13.00	0.0317091	118.58	28.9169	0.14	0.0088673	2.51	425.221	0.05	3.14156	6.69	0.0000000	0.00	0.1105495	2.66
14D30798	2.4 %		0.0081465	9.25	0.0000000	0.00	0.0035542	2.21	0.0000000	0.00	13.3464	2.20	0.0015226	9.25	0.0000000	0.00	0.370830	0.21	0.0009583	13.01	0.0000000	0.00	30.8229	0.14	0.0090168	2.57	452.116	0.05	2.40729	9.25	0.0000000	0.00	0.1178358	2.66
14D30800	2.5 %	✓	0.0093795	8.21	0.0000000	0.00	0.0051919	1.52	0.0000032	197.82	19.4963	1.51	0.0017530	8.21	0.0000000	0.00	0.510050	0.20	0.0013998	12.91	0.0203641	197.82	42.3947	0.12	0.0131717	2.00	620.917	0.04	2.77165	8.21	0.0000000	0.00	0.1620748	2.66
14D30801	2.6 %	✓	0.0052772	13.53	0.0000000	0.00	0.0033018	2.41	0.0000033	181.70	12.3988	2.40	0.0009863	13.53	0.0000000	0.00	0.318037	0.22	0.0008902	13.04	0.0214808	181.70	26.4348	0.15	0.0083766	2.74	386.787	0.06	1.55941	13.53	0.0000000	0.00	0.1010603	2.66
14D30802	2.7 %	✓	0.0064474	11.60	0.0000000	0.00	0.0040923	1.91	0.0000000	0.00	15.3674	1.91	0.0012050	11.60	0.0000000	0.00	0.392828	0.20	0.0011034	12.96	0.0000000	0.00	32.6513	0.13	0.0103822	2.32	478.092	0.05	1.90520	11.60	0.0000000	0.00	0.1248259	2.66
14D30804	2.8 %	✓	0.0065530	11.39	0.0000000	0.00	0.0063057	1.26	0.0000000	0.00	23.6790	1.26	0.0012248	11.39	0.0000000	0.00	0.588497	0.19	0.0017002	12.88	0.0000000	0.00	48.9150	0.11	0.0159975	1.82	716.352	0.03	1.93640	11.39	0.0000000	0.00	0.1870021	2.66
14D30805	2.9 %	✓	0.0072721	10.64	0.0000000	0.00	0.0063360	1.33	0.0000000	0.00	23.7928	1.32	0.0013592	10.64	0.0000000	0.00	0.559314	0.19	0.0017083	12.89	0.0000000	0.00	46.4894	0.11	0.0160744	1.87	680.067	0.04	2.14890	10.64	0.0000000	0.00	0.1777291	2.66
14D30806	3.0 %	✓	0.0082531	8.87	0.0000000	0.00	0.0073459	1.09	0.0000000	0.00	27.5850	1.08	0.0015425	8.87	0.0000000	0.00	0.627044	0.19	0.0019806	12.87	0.0000000	0.00	52.1190	0.10	0.0186364	1.70	762.509	0.03	2.43878	8.87	0.0000000	0.00	0.1992510	2.66
14D30808	3.2 %	✓	0.0055690	13.44	0.0000000	0.00	0.0050698	1.62	0.0000000	0.00	19.0377	1.62	0.0010408	13.44	0.0000000	0.00	0.406282	0.20	0.0013669	12.92	0.0000000	0.00	33.7696	0.13	0.0128619	2.09	493.635	0.05	1.64564	13.44	0.0000000	0.00	0.1291012	2.66
14D30809	3.4 %	✓	0.0044833	16.20	0.0000000	0.00	0.0058036	1.35	0.0000000	0.00	21.7933	1.34	0.0008379	16.20	0.0000000	0.00	0.455330	0.20	0.0015648	12.89	0.0000000	0.00	37.8464	0.12	0.0147236	1.88	553.232	0.04	1.32483	16.20	0.0000000	0.00	0.1446868	2.66
14D30810	3.6 %	✓	0.0047698	15.53	0.0000000	0.00	0.0070600	1.18	0.0000000	0.00	26.5114	1.17	0.0008915	15.53	0.0000000	0.00	0.525048	0.20	0.0019035	12.87	0.0000000	0.00	43.6413	0.12	0.0179111	1.76	635.987	0.04	1.40948	15.53	0.0000000	0.00	0.1668406	2.66
14D30812	3.8 %	✓	0.0072887	10.10	0.0000000	0.00	0.0101545	0.84	0.0000000	0.00	38.1318	0.83	0.0013623	10.10	0.0000000	0.00	0.702787	0.19	0.0027379	12.85	0.0000000	0.00	58.4147	0.10	0.0257618	1.56	850.309	0.03	2.15382	10.10	0.0000000	0.00	0.2233194	2.66
14D30813	4.0 %	✓	0.0054632	13.85	0.0000000	0.00	0.0104734	0.87	0.0000047	120.21	39.3294	0.86	0.0010211	13.85	0.0000000	0.00	0.658944	0.19	0.0028238	12.85	0.0301797	120.21	54.7705	0.10	0.0265709	1.57	797.237	0.03	1.61437	13.85	0.0000000	0.00	0.2093877	2.66
14D30814	4.3 %	✓	0.0073932	10.03	0.0000000	0.00	0.0124526	0.71	0.0000000	0.00	46.7615	0.69	0.0013818	10.03	0.0000000	0.00	0.729880	0.19	0.0033575	12.84	0.0000000	0.00	60.6666	0.10	0.0315920	1.49	885.683	0.03	2.18468	10.03	0.0000000	0.00	0.2319283	2.66
14D30816	4.6 %	✓	0.0091845	9.74	0.0000000	0.00	0.0236142	0.51	0.0000000	0.00	88.6754	0.49	0.0017166	9.74	0.0000000	0.00	1.251961	0.18	0.0063669	12.83	0.0000000	0.00	104.0613	0.08	0.0599091	1.41	1517.160	0.02	2.71402	9.74	0.0000000	0.00	0.3978262	2.66
14D30817	4.9 %	✓	0.0095773	8.12	0.0000000	0.00	0.0204832	0.53	0.0000000	0.00	76.9179	0.51	0.0017900	8.12	0.0000000	0.00	0.976600	0.18	0.0055227	12.83	0.0000000	0.00	81.1737	0.09	0.0519657	1.41	1183.500	0.02	2.83010	8.12	0.0000000	0.00	0.3103269	2.66
14D30818	5.2 %		0.0200206	4.48	0.0000000	0.00	0.0210704	0.53	0.0000000	0.00	79.1229	0.51	0.0037418	4.48	0.0000000	0.00	0.927577	0.18	0.0056810	12.83	0.0000000	0.00	77.0989	0.09	0.0534554	1.41	1121.191	0.03	5.91609	4.48	0.0000000	0.00	0.2947492	2.66
14D30820	5.5 %		0.0112541	7.41	0.0000000	0.00	0.0209015	0.52	0.0000000	0.00	78.4885	0.50	0.0021034	7.41	0.0000000	0.00	0.866937	0.18	0.0056355	12.83	0.0000000	0.00	72.0586	0.09	0.0530268	1.41	1047.247	0.03	3.32558	7.41	0.0000000	0.00	0.2754801	2.66
14D30821	5.8 %		0.0079224	10.09	0.0000000	0.00	0.0158518	0.61	0.0000000	0.00	59.5261	0.60	0.0014807	10.09	0.0000000	0.00	0.629460	0.19	0.0042740	12.83	0.0000000	0.00	52.3198	0.10	0.0402158	1.45	758.151	0.03	2.34107	10.09	0.0000000	0.00	0.2000188	2.66
14D30822	6.2 %		0.0074915	10.21	0.0000000	0.00	0.0152848	0.63	0.0000000	0.00	57.3970	0.61	0.0014002	10.21	0.0000000	0.00	0.611337	0.19	0.0041211	12.83	0.0000000	0.00	50.8135	0.11	0.0387774	1.46	735.311	0.03	2.21373	10.21	0.0000000	0.00	0.1942600	2.66
14D30824	6.6 %		0.0123250	6.27	0.0000000	0.00	0.0119088	0.74	0.0000000	0.00	44.7194	0.72	0.0023035	6.27	0.0000000	0.00	0.485897	0.20	0.0032108	12.84	0.0000000	0.00	40.3871	0.12	0.0302124	1.50	580.641	0.04	3.64203	6.27	0.0000000	0.00	0.1544000	2.66
14D30825	7.0 %		0.0114264	6.75	0.0000000	0.00	0.0097209	0.90	0.0000000	0.00	36.5035	0.89	0.0021356	6.75	0.0000000	0.00	0.406638	0.21	0.0026210	12.85	0.0000000	0.00	33.7992	0.13	0.0246618	1.59	484.617	0.05	3.37650	6.75	0.0000000	0.00	0.1292144	2.66
14D30826	7.6 %		0.0107184	6.46	0.0000000	0.00	0.0074902	1.08	0.0000000	0.00	28.1271	1.07	0.0020033	6.46	0.0000000	0.00	0.311745	0.23	0.0020195	12.86	0.0000000	0.00	25.9118	0.17	0.0190027	1.70	368.325	0.06	3.16730	6.46	0.0000000	0.00	0.0990609	2.67
14D30828	8.3 %		0.0152254	5.13	0.0000000	0.00	0.0103929	0.83	0.0000122	48.34	39.0272	0.82	0.0028456	5.13	0.0000000	0.00	0.417610	0.20	0.0028022	12.85	0.0781669	48.35	34.7112	0.13	0.0263668	1.55	485.739	0.05	4.49910	5.13	0.0000000	0.00	0.1327009	2.66
14D30829	9.0 %		0.0161538	4.76	0.0000000	0.00	0.0098422	0.87	0.0000000	0.00	36.9592	0.86	0.0030191	4.76	0.0000000	0.00	0.333481	0.22	0.0026537	12.85	0.0000000	0.00	27.7185	0.15	0.0249696	1.57	383.855	0.06	4.77346	4.76	0.0000000	0.00	0.1059677	2.66
14D30830	9.8 %		0.0137969	5.33	0.0000000	0.00	0.0115598	0.76	0.0000073	81.86	43.4089	0.74	0.0025786	5.33	0.0000000	0.00	0.274706	0.24	0.0031168	12.84	0.0470438	81.86	22.8332	0.17	0.0293271	1.51	310.316	0.08	4.07698	5.33	0.0000000	0.00	0.0872912	2.67
14D30832	11.0 %		0.0199458	4.12	0.0000000	0.00	0.0175516	0.58	0.0000017	334.37	65.9093	0.57	0.0037279	4.12	0.0000000	0.00	0.242383	0.25	0.0047323	12.83	0.0106227	334.37	20.1465	0.19	0.0445283	1.44	267.877	0.10	5.89398	4.12	0.0000000	0.00	0.0770201	2.67
14D30833	13.0 %		0.0370079	2.74	0.0000000	0.00	0.0549777	0.41	0.0000029	206.05	206.4501	0.38	0.0069168	2.74	0.0000000	0.00	0.260229	0.24	0.0148231	12.83	0.0185576	206.05	21.6299	0.18	0.1394777	1.37	279.908	0.11	10.93583	2.74	0.0000000	0.00	0.0826911	2.67
14D30834	15.5 %		0.0296502	3.10	0.0000000	0.00	0.0557909	0.40	0.0000034	173.50	209.5040	0.38	0.0055416	3.10	0.0000000	0.00	0.131099	0.38	0.0150424	12.83	0.0216806	173.50	10.8968	0.35	0.1415409	1.37	142.808	0.20	8.76163	3.10	0.0000000	0.00	0.0416584	2.68
14D30836	18.5 %		0.0310261	3.55	0.0000000	0.00	0.0707724	0.40	0.0000121	48.33	265.7618	0.37	0.0057988	3.55	0.0000000	0.00	0.080864	0.58	0.0190817	12.83	0.0772452	48.34	6.7213	0.55	0.1795486	1.37	87.959	0.38	9.16820	3.55	0.0000000	0.00	0.0256955	2.72
14D30837	21.5 %		0.0085915	8.80	0.0000000	0.00	0.0173740	0.61	0.0000059	99.91	65.2420	0.59	0.0016058	8.80	0.0000000	0.00	0.028216	1.53	0.0046844	12.83	0.0379616	99.92	2.3453	1.52	0.0440775	1.44	31.100	0.76	2.53880	8.80	0.0000000	0.00	0.0089659	3.06
14D30839	24.5 %		0.0050333	13.57	0.0000000	0.00	0.0078289	1.03	0.0000000	0.00	29.3987	1.01	0.0009407	13.57	0.0000000	0.00	0.015960	2.63	0.0021108	12.86	0.0000000	0.00	1.3266	2.63	0.0198618	1.66	18.509	1.16	1.48734	13.57	0.0000000	0.00	0.0050715	3.74
Σ			0.5870850	0.84	0.0000000	0.00	0.5116899	0.13	0.0001231	19.12	1921.4790	0.13	0.1097262	0.84	0.0000000	0.00	17.213120	0.04	0.1379622	3.13	0.7902271	19.12	1430.7306	0.02	1.2981512	0.35	20736.966	0.01	173.48363	0.84	0.0000000	0.00	5.4696832	0.50
Σ									1.0988980	0.45	1921.4790	0.13									18.251036	0.83			1432.0288	0.02							20915.919	0.01

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
14D30790	1.8 %		16.858631	0.025781	0.535726	0.010160	0.004994	0.000049	95.803	6.650982	1.00067710	2.200E-11
14D30792	1.9 %		15.416703	0.020689	0.479488	0.009097	0.001444	0.000028	95.820	6.653263	1.00067722	2.391E-11
14D30793	2.0 %		15.053388	0.028378	0.471420	0.013196	0.000752	0.000035	95.828	6.654358	1.00067728	1.588E-11
14D30794	2.1 %		14.887063	0.021501	0.450084	0.009688	0.000606	0.000024	95.838	6.655545	1.00067734	2.112E-11
14D30796	2.2 %		14.776007	0.019200	0.452522	0.008406	0.000435	0.000021	95.855	6.657827	1.00067746	2.549E-11
14D30797	2.3 %		14.812836	0.021609	0.453747	0.009697	0.000489	0.000024	95.863	6.658923	1.00067752	2.057E-11
14D30798	2.4 %		14.745823	0.020981	0.432877	0.009549	0.000379	0.000024	95.872	6.660111	1.00067759	2.182E-11
14D30800	2.5 %	✓	14.710732	0.017149	0.459733	0.006957	0.000344	0.000018	95.889	6.662304	1.00067770	2.994E-11
14D30801	2.6 %	✓	14.689872	0.022517	0.468885	0.011288	0.000325	0.000027	95.898	6.663492	1.00067777	1.865E-11
14D30802	2.7 %	✓	14.699846	0.018813	0.470503	0.008993	0.000323	0.000023	95.906	6.664589	1.00067783	2.305E-11
14D30804	2.8 %	✓	14.683438	0.015927	0.483927	0.006100	0.000263	0.000015	95.924	6.666874	1.00067795	3.449E-11
14D30805	2.9 %	✓	14.673397	0.016124	0.511612	0.006799	0.000293	0.000017	95.933	6.668063	1.00067801	3.275E-11
14D30806	3.0 %	✓	14.675523	0.015425	0.529081	0.005736	0.000299	0.000014	95.941	6.669161	1.00067807	3.673E-11
14D30808	3.2 %	✓	14.664699	0.018839	0.563539	0.009139	0.000315	0.000022	95.958	6.671448	1.00067819	2.378E-11
14D30809	3.4 %	✓	14.650947	0.017897	0.575612	0.007736	0.000272	0.000019	95.967	6.672547	1.00067825	2.663E-11
14D30810	3.6 %	✓	14.603195	0.017424	0.607236	0.007142	0.000271	0.000017	95.976	6.673737	1.00067832	3.060E-11
14D30812	3.8 %	✓	14.590679	0.014131	0.652490	0.005462	0.000298	0.000013	95.993	6.676025	1.00067844	4.093E-11
14D30813	4.0 %	✓	14.582181	0.014622	0.717727	0.006192	0.000291	0.000014	96.001	6.677124	1.00067850	3.835E-11
14D30814	4.3 %	✓	14.631413	0.013994	0.770393	0.005397	0.000327	0.000012	96.010	6.678315	1.00067856	4.263E-11
14D30816	4.6 %	✓	14.600991	0.011908	0.851655	0.004193	0.000315	0.000009	96.028	6.680606	1.00067868	7.297E-11
14D30817	4.9 %	✓	14.609191	0.012864	0.946965	0.004878	0.000370	0.000009	96.036	6.681705	1.00067874	5.696E-11
14D30818	5.2 %		14.612666	0.013161	1.025541	0.005302	0.000533	0.000012	96.044	6.682805	1.00067880	5.412E-11
14D30820	5.5 %		14.572520	0.013135	1.088430	0.005517	0.000446	0.000011	96.062	6.685097	1.00067892	5.044E-11
14D30821	5.8 %		14.528091	0.014942	1.136861	0.006874	0.000454	0.000015	96.071	6.686289	1.00067899	3.651E-11
14D30822	6.2 %		14.507106	0.015688	1.128701	0.007033	0.000448	0.000015	96.079	6.687390	1.00067905	3.541E-11
14D30824	6.6 %		14.460060	0.017597	1.106440	0.008078	0.000600	0.000019	96.097	6.689684	1.00067917	2.805E-11
14D30825	7.0 %		14.431301	0.019323	1.079224	0.009662	0.000625	0.000023	96.106	6.690877	1.00067923	2.343E-11
14D30826	7.6 %		14.330091	0.023984	1.084697	0.011785	0.000702	0.000027	96.114	6.691978	1.00067929	1.784E-11
14D30828	8.3 %		14.116462	0.017950	1.123488	0.009280	0.000738	0.000022	96.131	6.694273	1.00067941	2.354E-11
14D30829	9.0 %		14.011758	0.021177	1.332176	0.011605	0.000937	0.000028	96.140	6.695375	1.00067947	1.866E-11
14D30830	9.8 %		13.755311	0.023948	1.898697	0.014451	0.001109	0.000032	96.149	6.696569	1.00067954	1.510E-11
14D30832	11.0 %		13.562822	0.025920	3.264284	0.019454	0.001857	0.000041	96.166	6.698866	1.00067966	1.314E-11
14D30833	13.0 %		13.364011	0.023584	9.483511	0.039531	0.004226	0.000046	96.174	6.699969	1.00067972	1.396E-11
14D30834	15.5 %		13.734959	0.047420	18.979669	0.096374	0.007741	0.000085	96.183	6.701164	1.00067978	7.277E-12
14D30836	18.5 %		14.078361	0.076707	38.511456	0.250863	0.014753	0.000174	96.200	6.703370	1.00067990	4.663E-12
14D30837	21.5 %		14.082587	0.212643	27.305557	0.438097	0.010870	0.000353	96.209	6.704565	1.00067996	1.615E-12
14D30839	24.5 %		14.855193	0.388117	21.834465	0.606574	0.009553	0.000561	96.226	6.706865	1.00068009	9.601E-13

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
14D30790	1.8 %	0.0176103 ± 0.0004644	0.0305574 ± 0.0294535	0.1230435 ± 0.0260648	0.0106850 ± 0.0247054	4.9974731 ± 0.0697226
14D30792	1.9 %	0.0176010 ± 0.0004644	0.0065482 ± 0.0294535	0.1240205 ± 0.0260648	0.0047789 ± 0.0247054	4.9979124 ± 0.0697226
14D30793	2.0 %	0.0176004 ± 0.0004644	0.0020641 ± 0.0294535	0.1230378 ± 0.0260648	0.0102613 ± 0.0247054	4.9956318 ± 0.0697226
14D30794	2.1 %	0.0176017 ± 0.0004644	0.0095189 ± 0.0294535	0.1210959 ± 0.0260648	0.0149686 ± 0.0247054	4.9916442 ± 0.0697226
14D30796	2.2 %	0.0176087 ± 0.0004644	0.0190769 ± 0.0294535	0.1153012 ± 0.0260648	0.0209340 ± 0.0247054	4.9803844 ± 0.0697226
14D30797	2.3 %	0.0176132 ± 0.0004644	0.0217426 ± 0.0294535	0.1117775 ± 0.0260648	0.0225806 ± 0.0247054	4.9736740 ± 0.0697226
14D30798	2.4 %	0.0176185 ± 0.0004644	0.0234380 ± 0.0294535	0.1075673 ± 0.0260648	0.0236287 ± 0.0247054	4.9657058 ± 0.0697226
14D30800	2.5 %	0.0176279 ± 0.0004644	0.0238425 ± 0.0294535	0.0990903 ± 0.0260648	0.0239353 ± 0.0247054	4.9497261 ± 0.0697226
14D30801	2.6 %	0.0176323 ± 0.0004644	0.0228608 ± 0.0294535	0.0943046 ± 0.0260648	0.0234151 ± 0.0247054	4.9407135 ± 0.0697226
14D30802	2.7 %	0.0176356 ± 0.0004644	0.0213621 ± 0.0294535	0.0898712 ± 0.0260648	0.0226172 ± 0.0247054	4.9323597 ± 0.0697226
14D30804	2.8 %	0.0176390 ± 0.0004644	0.0168616 ± 0.0294535	0.0808793 ± 0.0260648	0.0202873 ± 0.0247054	4.9153894 ± 0.0697226
14D30805	2.9 %	0.0176387 ± 0.0004644	0.0140048 ± 0.0294535	0.0764743 ± 0.0260648	0.0188697 ± 0.0247054	4.9070608 ± 0.0697226
14D30806	3.0 %	0.0176369 ± 0.0004644	0.0111754 ± 0.0294535	0.0726475 ± 0.0260648	0.0175179 ± 0.0247054	4.8998203 ± 0.0697226
14D30808	3.2 %	0.0176284 ± 0.0004644	0.0050171 ± 0.0294535	0.0656080 ± 0.0260648	0.0147856 ± 0.0247054	4.8865139 ± 0.0697226
14D30809	3.4 %	0.0176219 ± 0.0004644	0.0020721 ± 0.0294535	0.0627538 ± 0.0260648	0.0136025 ± 0.0247054	4.8811469 ± 0.0697226
14D30810	3.6 %	0.0176130 ± 0.0004644	0.0010204 ± 0.0294535	0.0600926 ± 0.0260648	0.0124704 ± 0.0247054	4.8761884 ± 0.0697226
14D30812	3.8 %	0.0175908 ± 0.0004644	0.0064649 ± 0.0294535	0.0563324 ± 0.0260648	0.0108563 ± 0.0247054	4.8694188 ± 0.0697226
14D30813	4.0 %	0.0175778 ± 0.0004644	0.0087598 ± 0.0294535	0.0551932 ± 0.0260648	0.0103893 ± 0.0247054	4.8675646 ± 0.0697226
14D30814	4.3 %	0.0175623 ± 0.0004644	0.0109648 ± 0.0294535	0.0544581 ± 0.0260648	0.0101309 ± 0.0247054	4.8666366 ± 0.0697226
14D30816	4.6 %	0.0175287 ± 0.0004644	0.0142894 ± 0.0294535	0.0544999 ± 0.0260648	0.0103857 ± 0.0247054	4.8681299 ± 0.0697226
14D30817	4.9 %	0.0175111 ± 0.0004644	0.0154307 ± 0.0294535	0.0551837 ± 0.0260648	0.0108585 ± 0.0247054	4.8704134 ± 0.0697226
14D30818	5.2 %	0.0174929 ± 0.0004644	0.0162717 ± 0.0294535	0.0562782 ± 0.0260648	0.0115490 ± 0.0247054	4.8737217 ± 0.0697226
14D30820	5.5 %	0.0174540 ± 0.0004644	0.0170850 ± 0.0294535	0.0597778 ± 0.0260648	0.0136219 ± 0.0247054	4.8838822 ± 0.0697226
14D30821	5.8 %	0.0174340 ± 0.0004644	0.0170401 ± 0.0294535	0.0621781 ± 0.0260648	0.0149873 ± 0.0247054	4.8908747 ± 0.0697226
14D30822	6.2 %	0.0174160 ± 0.0004644	0.0167469 ± 0.0294535	0.0646934 ± 0.0260648	0.0163818 ± 0.0247054	4.8983310 ± 0.0697226
14D30824	6.6 %	0.0173817 ± 0.0004644	0.0155046 ± 0.0294535	0.0706570 ± 0.0260648	0.0195391 ± 0.0247054	4.9167887 ± 0.0697226
14D30825	7.0 %	0.0173665 ± 0.0004644	0.0146185 ± 0.0294535	0.0740207 ± 0.0260648	0.0212137 ± 0.0247054	4.9278363 ± 0.0697226
14D30826	7.6 %	0.0173547 ± 0.0004644	0.0137258 ± 0.0294535	0.0772000 ± 0.0260648	0.0227080 ± 0.0247054	4.9388322 ± 0.0697226
14D30828	8.3 %	0.0173390 ± 0.0004644	0.0118991 ± 0.0294535	0.0837533 ± 0.0260648	0.0254066 ± 0.0247054	4.9638955 ± 0.0697226
14D30829	9.0 %	0.0173368 ± 0.0004644	0.0111794 ± 0.0294535	0.0867098 ± 0.0260648	0.0263688 ± 0.0247054	4.9767955 ± 0.0697226
14D30830	9.8 %	0.0173391 ± 0.0004644	0.0106335 ± 0.0294535	0.0896474 ± 0.0260648	0.0270566 ± 0.0247054	4.9912688 ± 0.0697226
14D30832	11.0 %	0.0173598 ± 0.0004644	0.0106590 ± 0.0294535	0.0941121 ± 0.0260648	0.0269835 ± 0.0247054	5.0200991 ± 0.0697226
14D30833	13.0 %	0.0173787 ± 0.0004644	0.0113749 ± 0.0294535	0.0954955 ± 0.0260648	0.0261138 ± 0.0247054	5.0341682 ± 0.0697226
14D30834	15.5 %	0.0174067 ± 0.0004644	0.0128261 ± 0.0294535	0.0962766 ± 0.0260648	0.0244166 ± 0.0247054	5.0493902 ± 0.0697226
14D30836	18.5 %	0.0174818 ± 0.0004644	0.0178218 ± 0.0294535	0.0952899 ± 0.0260648	0.0188025 ± 0.0247054	5.0768865 ± 0.0697226
14D30837	21.5 %	0.0175368 ± 0.0004644	0.0220621 ± 0.0294535	0.0931655 ± 0.0260648	0.0141711 ± 0.0247054	5.0911238 ± 0.0697226
14D30839	24.5 %	0.0176752 ± 0.0004644	0.0339885 ± 0.0294535	0.0852206 ± 0.0260648	0.0014740 ± 0.0247054	5.1163343 ± 0.0697226

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)
14D30790	1.8 %	0.1468728 ± 0.0010949	0.9520	EXP 150 of 150	2.1154420 ± 0.0268872	0.1387	EXP 150 of 150	0.5049415 ± 0.0255346	0.0158	EXP 150 of 150	26.9966314 ± 0.0262709	0.9690	EXP 150 of 150	464.574722 ± 0.064748	0.9959	EXP 150 of 150
14D30792	1.9 %	0.0620284 ± 0.0007243	0.8710	EXP 150 of 150	2.2752608 ± 0.0305730	0.0727	EXP 150 of 150	0.3417115 ± 0.0246415	0.0302	EXP 150 of 150	32.0653749 ± 0.0261596	0.9834	EXP 150 of 150	504.446939 ± 0.056271	0.9967	EXP 150 of 150
14D30793	2.0 %	0.0333287 ± 0.0005668	0.8770	EXP 150 of 150	1.5279726 ± 0.0303454	0.0575	EXP 150 of 150	0.1447539 ± 0.0263124	0.0009	EXP 150 of 150	21.8065265 ± 0.0283867	0.9571	EXP 150 of 150	336.755389 ± 0.051857	0.9748	EXP 150 of 150
14D30794	2.1 %	0.0346511 ± 0.0004899	0.9085	EXP 150 of 150	1.9685389 ± 0.0292620	0.0713	EXP 150 of 150	0.2521729 ± 0.0264130	0.0001	EXP 150 of 150	29.3272596 ± 0.0266877	0.9792	EXP 150 of 150	446.257958 ± 0.054048	0.9966	EXP 150 of 150
14D30796	2.2 %	0.0325065 ± 0.0005374	0.8949	EXP 150 of 150	2.4133395 ± 0.0321243	0.1687	EXP 150 of 150	0.3283511 ± 0.0285784	0.0007	EXP 149 of 150	35.6593936 ± 0.0292076	0.9835	EXP 150 of 150	537.560119 ± 0.058100	0.9985	EXP 150 of 150
14D30797	2.3 %	0.0310676 ± 0.0004865	0.9005	EXP 150 of 150	1.9534403 ± 0.0279997	0.1471	EXP 150 of 150	0.2656636 ± 0.0263805	0.0006	EXP 150 of 150	28.6914014 ± 0.0262203	0.9791	EXP 150 of 150	434.639090 ± 0.057240	0.9967	EXP 150 of 150
14D30798	2.4 %	0.0287586 ± 0.0005409	0.8810	EXP 149 of 150	1.9873724 ± 0.0309070	0.0303	EXP 150 of 150	0.2244892 ± 0.0292184	0.0071	EXP 149 of 150	30.5824668 ± 0.0277716	0.9801	EXP 150 of 150	460.872151 ± 0.058320	0.9975	EXP 150 of 150
14D30800	**2.5 %**	**0.0315042 ± 0.0005604**	**0.8772**	**EXP 150 of 150**	**2.8917892 ± 0.0300965**	**0.2615**	**EXP 150 of 150**	**0.4273676 ± 0.0299797**	**0.0116**	**EXP 150 of 150**	**42.0733446 ± 0.0292073**	**0.9889**	**EXP 150 of 150**	**630.535900 ± 0.065171**	**0.9990**	**EXP 150 of 150**
14D30801	**2.6 %**	**0.0258035 ± 0.0004899**	**0.8860**	**EXP 150 of 150**	**1.8464272 ± 0.0318090**	**0.0923**	**EXP 150 of 150**	**0.2425413 ± 0.0283328**	**0.0032**	**EXP 150 of 150**	**26.2261392 ± 0.0249444**	**0.9785**	**EXP 150 of 150**	**394.468828 ± 0.053339**	**0.9966**	**EXP 150 of 150**
14D30802	**2.7 %**	**0.0276703 ± 0.0005335**	**0.8692**	**EXP 150 of 150**	**2.2811702 ± 0.0304696**	**0.1861**	**EXP 149 of 150**	**0.2896551 ± 0.0272743**	**0.0045**	**EXP 150 of 150**	**32.3998779 ± 0.0232672**	**0.9874**	**EXP 150 of 150**	**486.390028 ± 0.051369**	**0.9986**	**EXP 150 of 150**
14D30804	**2.8 %**	**0.0298817 ± 0.0005312**	**0.9059**	**EXP 150 of 150**	**3.4977091 ± 0.0299573**	**0.3190**	**EXP 150 of 150**	**0.4752111 ± 0.0250644**	**0.0120**	**EXP 150 of 150**	**48.5523887 ± 0.0303150**	**0.9910**	**EXP 150 of 150**	**725.390040 ± 0.068801**	**0.9993**	**EXP 150 of 150**
14D30805	**2.9 %**	**0.0305948 ± 0.0005653**	**0.8910**	**EXP 150 of 150**	**3.5109479 ± 0.0336170**	**0.3391**	**EXP 150 of 150**	**0.4641231 ± 0.0264773**	**0.0028**	**EXP 150 of 150**	**46.1460602 ± 0.0289311**	**0.9907**	**EXP 150 of 150**	**689.199608 ± 0.061457**	**0.9994**	**EXP 150 of 150**
14D30806	**3.0 %**	**0.0324885 ± 0.0005119**	**0.9138**	**EXP 150 of 150**	**4.0648180 ± 0.0291150**	**0.4008**	**EXP 150 of 150**	**0.5384078 ± 0.0269499**	**0.0204**	**EXP 150 of 150**	**51.7382898 ± 0.0306124**	**0.9917**	**EXP 150 of 150**	**772.175911 ± 0.072388**	**0.9993**	**EXP 150 of 150**
14D30808	**3.2 %**	**0.0277575 ± 0.0005340**	**0.8599**	**EXP 150 of 150**	**2.8016715 ± 0.0328970**	**0.2206**	**EXP 150 of 150**	**0.3347682 ± 0.0248472**	**0.0179**	**EXP 150 of 150**	**33.5202565 ± 0.0252263**	**0.9866**	**EXP 149 of 150**	**501.674457 ± 0.054729**	**0.9988**	**EXP 150 of 150**
14D30809	**3.4 %**	**0.0274159 ± 0.0005061**	**0.8757**	**EXP 150 of 150**	**3.2029963 ± 0.0290575**	**0.2588**	**EXP 150 of 150**	**0.3677811 ± 0.0276054**	**0.0058**	**EXP 150 of 150**	**37.5702471 ± 0.0271631**	**0.9875**	**EXP 150 of 150**	**561.126024 ± 0.061190**	**0.9989**	**EXP 150 of 150**
14D30810	**3.6 %**	**0.0288760 ± 0.0005238**	**0.8935**	**EXP 150 of 150**	**3.8921879 ± 0.0320150**	**0.2932**	**EXP 150 of 150**	**0.4390879 ± 0.0258728**	**0.0149**	**EXP 150 of 150**	**43.3269659 ± 0.0326200**	**0.9866**	**EXP 150 of 150**	**644.213754 ± 0.065341**	**0.9992**	**EXP 150 of 150**
14D30812	**3.8 %**	**0.0341983 ± 0.0005161**	**0.9045**	**EXP 150 of 150**	**5.5912739 ± 0.0303350**	**0.4692**	**EXP 150 of 150**	**0.6337462 ± 0.0274563**	**0.0545**	**EXP 150 of 150**	**58.0015852 ± 0.0279861**	**0.9945**	**EXP 150 of 150**	**859.927868 ± 0.073405**	**0.9995**	**EXP 150 of 150**
14D30813	**4.0 %**	**0.0327554 ± 0.0005418**	**0.8940**	**EXP 150 of 150**	**5.7638322 ± 0.0343062**	**0.4916**	**EXP 150 of 150**	**0.6285422 ± 0.0244770**	**0.1070**	**EXP 149 of 150**	**54.3853668 ± 0.0284670**	**0.9936**	**EXP 150 of 150**	**806.151928 ± 0.071343**	**0.9995**	**EXP 150 of 150**
14D30814	**4.3 %**	**0.0364572 ± 0.0005226**	**0.9170**	**EXP 150 of 150**	**6.8512540 ± 0.0288457**	**0.6801**	**EXP 150 of 150**	**0.6673310 ± 0.0282757**	**0.0480**	**EXP 150 of 150**	**60.2434749 ± 0.0284908**	**0.9946**	**EXP 150 of 150**	**895.437578 ± 0.074594**	**0.9995**	**EXP 150 of 150**
14D30816	**4.6 %**	**0.0487560 ± 0.0006987**	**0.9147**	**EXP 150 of 150**	**12.9943119 ± 0.0328160**	**0.8345**	**EXP 149 of 150**	**1.1218552 ± 0.0267201**	**0.0233**	**EXP 150 of 150**	**103.3481737 ± 0.0313061**	**0.9979**	**EXP 150 of 150**	**1529.370255 ± 0.100019**	**0.9998**	**EXP 150 of 150**
14D30817	**4.9 %**	**0.0461314 ± 0.0005609**	**0.9279**	**EXP 150 of 150**	**11.2664978 ± 0.0295397**	**0.8210**	**EXP 149 of 150**	**0.8906012 ± 0.0270815**	**0.0281**	**EXP 150 of 150**	**80.6198449 ± 0.0326287**	**0.9962**	**EXP 150 of 150**	**1194.812725 ± 0.078576**	**0.9997**	**EXP 150 of 150**
14D30818	5.2 %	0.0566152 ± 0.0007001	0.8619	EXP 150 of 150	11.5871699 ± 0.0315328	0.7879	EXP 150 of 150	0.8142987 ± 0.0267628	0.0044	EXP 150 of 150	76.5757363 ± 0.0332320	0.9955	EXP 150 of 150	1135.412472 ± 0.080834	0.9997	EXP 150 of 150
14D30820	5.5 %	0.0480690 ± 0.0006288	0.8896	EXP 150 of 150	11.4893734 ± 0.0287311	0.8196	EXP 150 of 150	0.7723133 ± 0.0279154	0.0108	EXP 149 of 150	71.5698446 ± 0.0298604	0.9959	EXP 150 of 150	1058.656134 ± 0.075340	0.9997	EXP 150 of 150
14D30821	5.8 %	0.0400691 ± 0.0005919	0.8669	EXP 150 of 150	8.7079659 ± 0.0302475	0.7077	EXP 150 of 150	0.5173433 ± 0.0263581	0.0000	EXP 150 of 150	51.9615641 ± 0.0287666	0.9927	EXP 150 of 150	767.699138 ± 0.065495	0.9995	EXP 150 of 150
14D30822	6.2 %	0.0391010 ± 0.0005501	0.8710	EXP 150 of 150	8.3948048 ± 0.0306855	0.7114	EXP 150 of 150	0.5017842 ± 0.0259490	0.0029	EXP 150 of 150	50.4634266 ± 0.0320676	0.9905	EXP 150 of 150	744.670339 ± 0.064508	0.9995	EXP 150 of 150
14D30824	6.6 %	0.0404544 ± 0.0005600	0.8469	EXP 150 of 150	6.5358844 ± 0.0289554	0.6429	EXP 150 of 150	0.4130886 ± 0.0235550	0.0232	EXP 149 of 150	40.1017542 ± 0.0302304	0.9867	EXP 149 of 150	590.980023 ± 0.058584	0.9992	EXP 150 of 150
14D30825	7.0 %	0.0375006 ± 0.0005604	0.8023	EXP 150 of 150	5.3321993 ± 0.0320558	0.4377	EXP 149 of 150	0.3036159 ± 0.0269007	0.0008	EXP 150 of 150	33.5549025 ± 0.0282195	0.9833	EXP 150 of 150	494.408395 ± 0.059542	0.9987	EXP 150 of 150
14D30826	7.6 %	0.0346910 ± 0.0004592	0.8394	EXP 150 of 150	4.1054812 ± 0.0297205	0.4125	EXP 150 of 150	0.2189743 ± 0.0263421	0.0003	EXP 150 of 150	25.7181748 ± 0.0295474	0.9689	EXP 150 of 150	377.563756 ± 0.049325	0.9979	EXP 150 of 150
14D30828	8.3 %	0.0417416 ± 0.0005698	0.7893	EXP 150 of 150	5.7016720 ± 0.0302143	0.5822	EXP 150 of 150	0.4109904 ± 0.0266249	0.0667	EXP 150 of 150	34.4576938 ± 0.0258427	0.9871	EXP 150 of 150	496.699595 ± 0.053588	0.9990	EXP 150 of 150
14D30829	9.0 %	0.0420873 ± 0.0005556	0.7552	EXP 150 of 150	5.3987378 ± 0.0305599	0.5020	EXP 150 of 150	0.2441432 ± 0.0277178	0.0000	EXP 149 of 150	27.5138518 ± 0.0263625	0.9773	EXP 150 of 150	394.792786 ± 0.056817	0.9978	EXP 150 of 150
14D30830	9.8 %	0.0414879 ± 0.0005120	0.7370	EXP 150 of 150	6.3422417 ± 0.0293620	0.6405	EXP 150 of 150	0.2334346 ± 0.0276272	0.0128	EXP 150 of 150	22.6679670 ± 0.0255109	0.9691	EXP 150 of 150	320.346953 ± 0.048671	0.9967	EXP 150 of 150
14D30832	11.0 %	0.0530623 ± 0.0006128	0.6069	EXP 149 of 150	9.6318247 ± 0.0312672	0.7578	EXP 150 of 150	0.1638697 ± 0.0234063	0.0012	EXP 150 of 150	20.0161592 ± 0.0247658	0.9618	EXP 150 of 150	279.629592 ± 0.049070	0.9949	EXP 150 of 150
14D30833	13.0 %	0.1049598 ± 0.0007795	0.2070	EXP 150 of 150	30.1871550 ± 0.0340634	0.9596	EXP 149 of 150	0.2010269 ± 0.0271989	0.0000	EXP 150 of 150	21.5837956 ± 0.0238486	0.9696	EXP 150 of 150	296.769795 ± 0.043545	0.9967	EXP 150 of 150
14D30834	15.5 %	0.0987574 ± 0.0006680	0.1587	EXP 150 of 150	30.6269445 ± 0.0320083	0.9661	EXP 150 of 150	0.0747774 ± 0.0263441	0.0005	EXP 150 of 150	10.9330605 ± 0.0269653	0.8562	EXP 150 of 150	157.082320 ± 0.037222	0.8305	EXP 150 of 150
14D30836	18.5 %	0.1144144 ± 0.0008573	0.0106	EXP 149 of 150	38.8368075 ± 0.0320648	0.9787	EXP 150 of 150	0.0852615 ± 0.0258945	0.0412	EXP 150 of 150	6.8314953 ± 0.0270033	0.6793	EXP 150 of 150	102.499848 ± 0.033720	0.9507	EXP 150 of 150
14D30837	21.5 %	0.0422639 ± 0.0005357	0.5722	EXP 150 of 150	9.5146883 ± 0.0340299	0.7017	EXP 149 of 150	0.0216636 ± 0.0268386	0.0014	EXP 150 of 150	2.3576582 ± 0.0253262	0.1736	EXP 150 of 150	38.832724 ± 0.028376	0.9959	EXP 150 of 150
14D30839	24.5 %	0.0299212 ± 0.0004473	0.6581	EXP 149 of 150	4.2618894 ± 0.0284277	0.4693	EXP 150 of 150	0.0939679 ± 0.0278240	0.0037	EXP 150 of 150	1.3350978 ± 0.0241570	0.0275	EXP 150 of 150	25.173540 ± 0.026010	0.9971	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
14D30790	1.8 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30792	1.9 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30793	2.0 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30794	2.1 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30796	2.2 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30797	2.3 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30798	2.4 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30800	2.5 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30801	2.6 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30802	2.7 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30804	2.8 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30805	2.9 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30806	3.0 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30808	3.2 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30809	3.4 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30810	3.6 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30812	3.8 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30813	4.0 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30814	4.3 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30816	4.6 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30817	4.9 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30818	5.2 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30820	5.5 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30821	5.8 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30822	6.2 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30824	6.6 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30825	7.0 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30826	7.6 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30828	8.3 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30829	9.0 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30830	9.8 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30832	11.0 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30833	13.0 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30834	15.5 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30836	18.5 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30837	21.5 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	01
14D30839	24.5 %	Susan Schnur	14-OSU-04	0.00	0.00	37.72	Walvis Ridge\MV1203 (13-INT-04)	14D30789	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
14D30790	1.8 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	11	16	1
14D30792	1.9 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	11	41	1
14D30793	2.0 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	11	53	1
14D30794	2.1 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	12	6	1
14D30796	2.2 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	12	31	1
14D30797	2.3 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	12	43	1
14D30798	2.4 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	12	56	1
14D30800	2.5 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	13	20	1
14D30801	2.6 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	13	33	1
14D30802	2.7 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	13	45	1
14D30804	2.8 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	14	10	1
14D30805	2.9 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	14	23	1
14D30806	3.0 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	14	35	1
14D30808	3.2 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	15	0	1
14D30809	3.4 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	15	12	1
14D30810	3.6 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	15	25	1
14D30812	3.8 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	15	50	1
14D30813	4.0 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	16	2	1
14D30814	4.3 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	16	15	1
14D30816	4.6 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	16	40	1
14D30817	4.9 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	16	52	1
14D30818	5.2 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	17	4	1
14D30820	5.5 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	17	29	1
14D30821	5.8 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	17	42	1
14D30822	6.2 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	17	54	1
14D30824	6.6 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	18	19	1
14D30825	7.0 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	18	32	1
14D30826	7.6 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	18	44	1
14D30828	8.3 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	19	9	1
14D30829	9.0 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	19	21	1
14D30830	9.8 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	19	34	1
14D30832	11.0 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	19	59	1
14D30833	13.0 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	20	11	1
14D30834	15.5 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	20	24	1
14D30836	18.5 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	20	48	1
14D30837	21.5 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	21	1	1
14D30839	24.5 %	MV1203-D59-12	Groundmass	Concordia Seamount	FCT-NM (4B25-14)	28.201	0.082	Kuiper et al (2008)	9.64927	0.198	0.00162887	0.198	303.581	0.17	0.99333667	0.072	1	4.8E-14	10	NOV	2014	21	26	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
14D30790	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
14D30792	1.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30793	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
14D30794	2.1 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30796	2.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30797	2.3 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30798	2.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30800	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
14D30801	2.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30802	2.7 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30804	2.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30805	2.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30806	3.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30808	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
14D30809	3.4 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30810	3.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30812	3.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30813	4.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30814	4.3 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30816	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
14D30817	4.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30818	5.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30820	5.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30821	5.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30822	6.2 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30824	6.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30825	7.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30826	7.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30828	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
14D30829	9.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30830	9.8 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30832	11.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30833	13.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30834	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
14D30836	18.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30837	21.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
14D30839	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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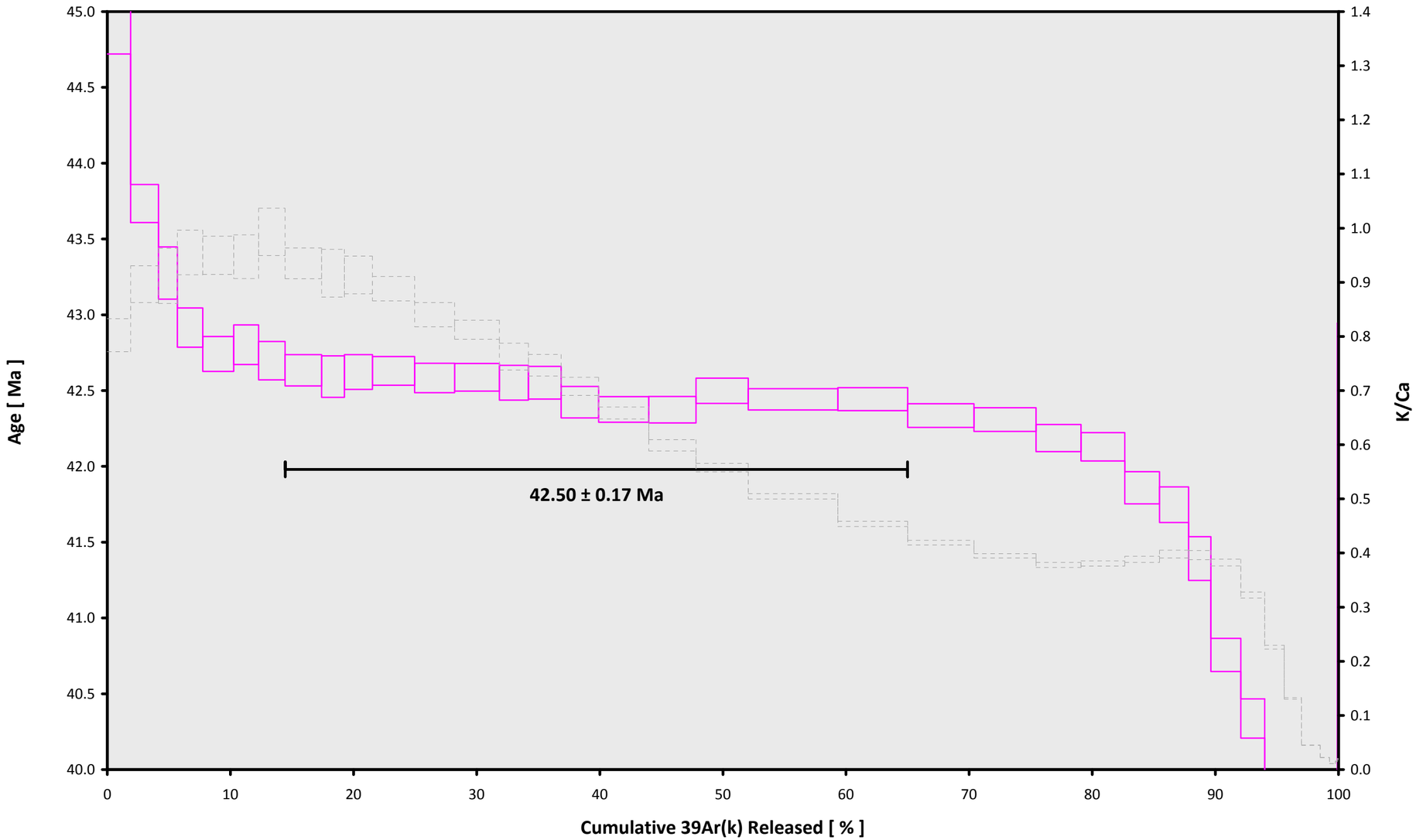


Ar-Ages in Ma

WEIGHTED PLATEAU
42.50 ± 0.17
TOTAL FUSION
42.20 ± 0.17
NORMAL ISOCHRON
42.24 ± 0.21
INVERSE ISOCHRON
42.19 ± 0.21

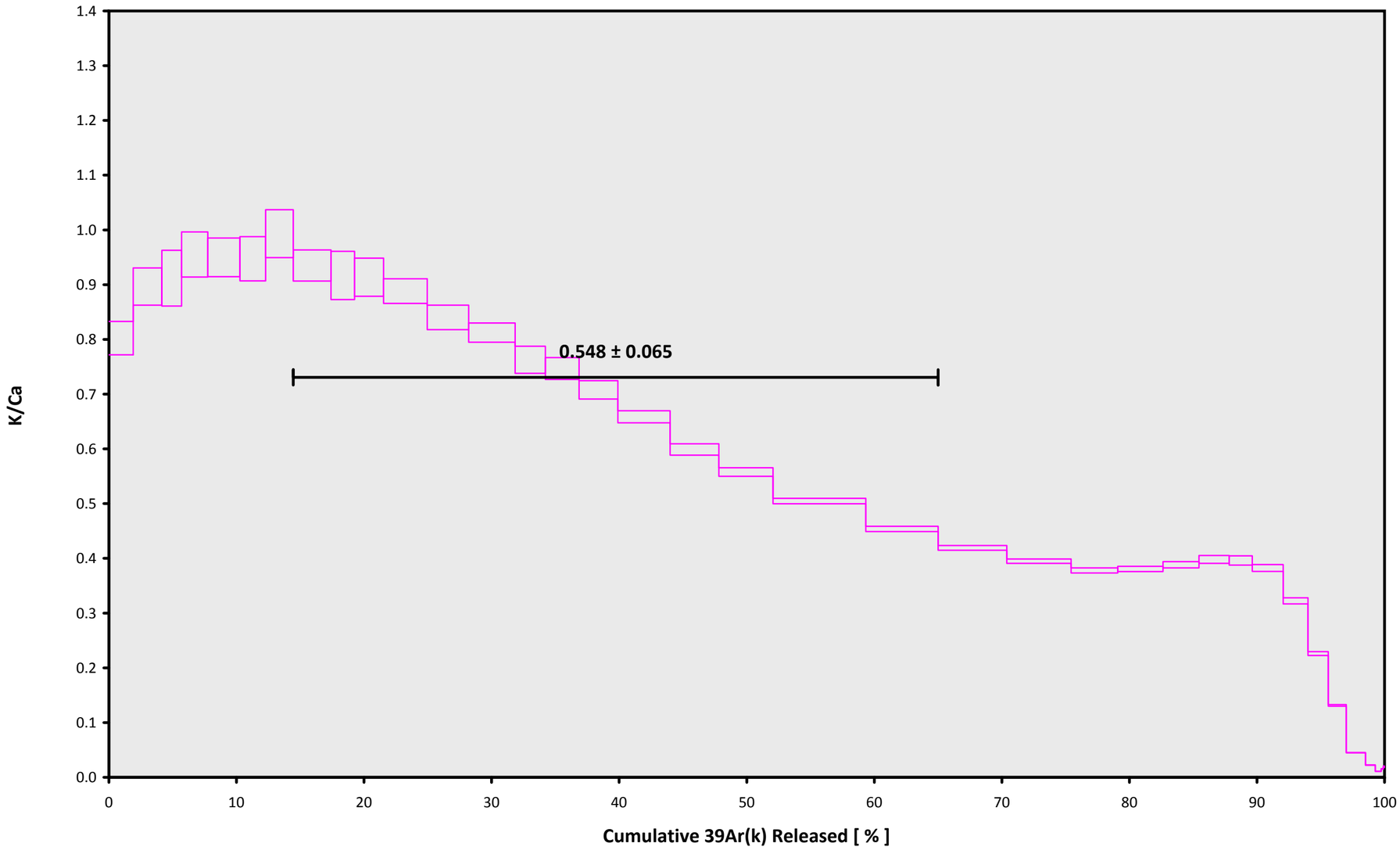
MSWD (PROBABILITY)
4.09 (0%)

Sample Info

Groundmass
Concordia Seamount
Susan Schnur

IRR = 14-OSU-04 (4B25-14)
J = 0.00162887 ± 0.00000323

14D30789.AGE >>> MV1203-D59-12 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

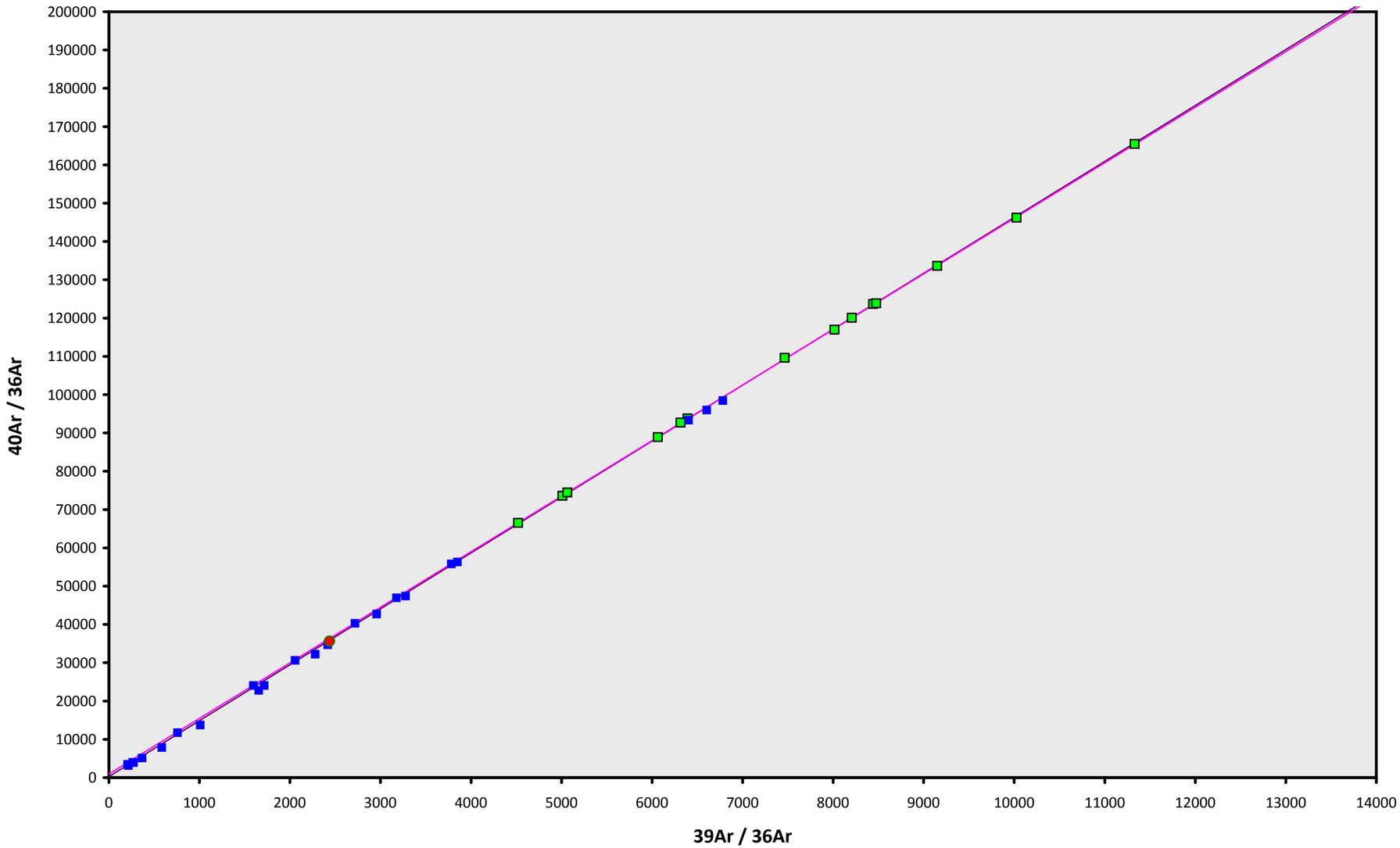
WEIGHTED PLATEAU
42.50 ± 0.17
TOTAL FUSION
42.20 ± 0.17
NORMAL ISOCHRON
42.24 ± 0.21
INVERSE ISOCHRON
42.19 ± 0.21

Sample Info

Groundmass
Concordia Seamount
Susan Schnur

IRR = 14-OSU-04 (4B25-14)
J = 0.00162887 ± 0.00000323

14D30789.AGE >>> MV1203-D59-12 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
42.50 ± 0.17
TOTAL FUSION
42.20 ± 0.17
NORMAL ISOCHRON
42.24 ± 0.21
INVERSE ISOCHRON
42.19 ± 0.21

MSWD (PROBABILITY)
1.06 (39%)

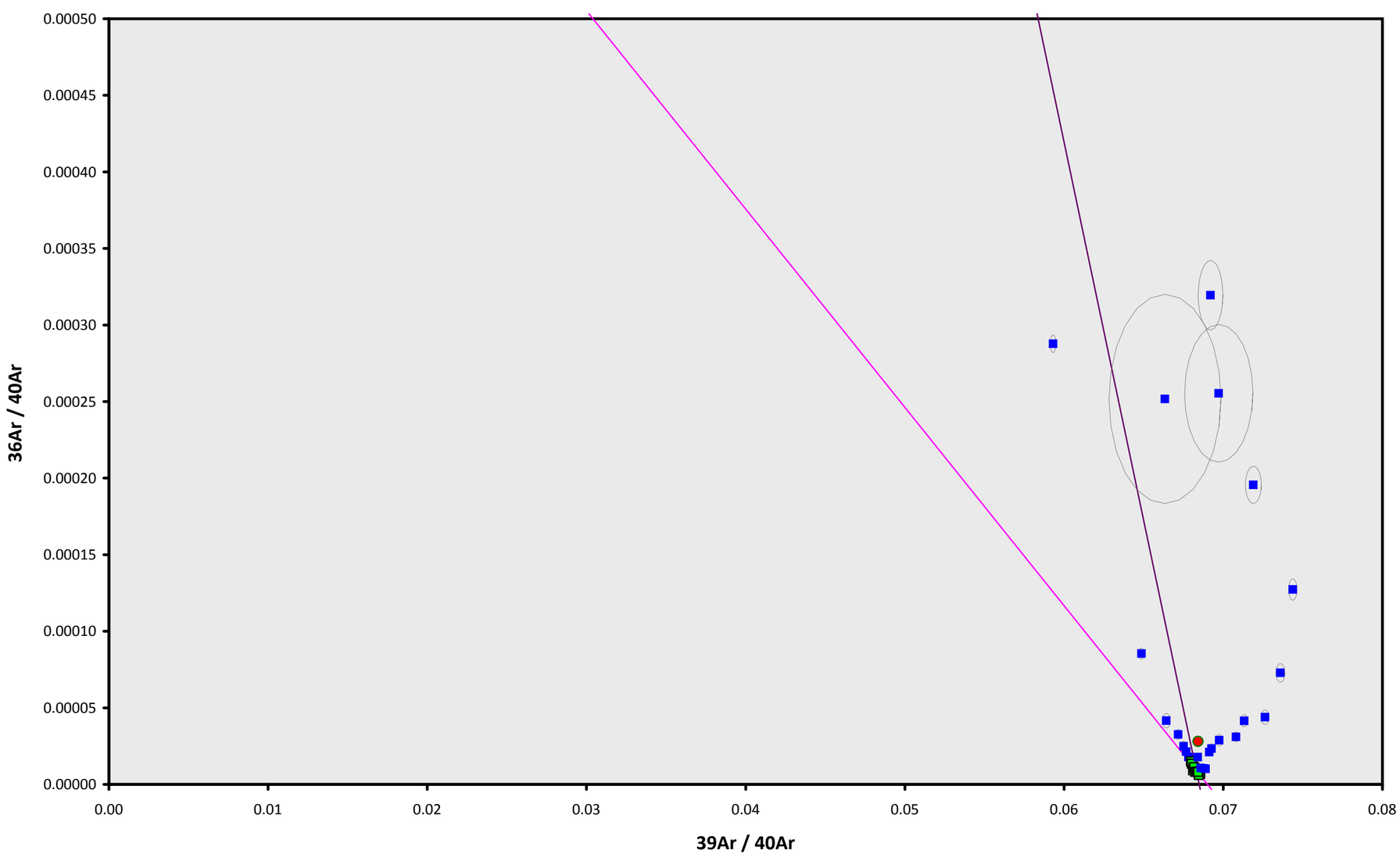
40AR/36AR INTERCEPT
958.5 ± 320.1

Sample Info

Groundmass
Concordia Seamount
Susan Schnur

IRR = 14-OSU-04 (4B25-14)
J = 0.00162887 ± 0.00000323

14D30789.AGE >>> MV1203-D59-12 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU
42.50 ± 0.17
TOTAL FUSION
42.20 ± 0.17
NORMAL ISOCHRON
42.24 ± 0.21
INVERSE ISOCHRON
42.19 ± 0.21

MSWD (PROBABILITY)
1.03 (42%)

SPREADING FACTOR
0.9%

40AR/36AR INTERCEPT
1118.8 ± 344.0

Sample Info

Groundmass
Concordia Seamount
Susan Schnur

IRR = 14-OSU-04 (4B25-14)
J = 0.00162887 ± 0.00000323