

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
16D44832	1.8 %	0.0474640	0.980	63.4940	0.262	1.615729	1.524	98.2401	0.073	82.6645	0.047	0.74614 ± 0.00313	3.65 ± 0.02	88.63	6.27	0.665 ± 0.004
16D44834	1.9 %	0.0348801	1.311	59.9549	0.266	1.150743	2.129	71.5639	0.077	58.8863	0.065	0.74143 ± 0.00411	3.63 ± 0.02	90.05	4.57	0.513 ± 0.003
16D44835	2.0 %	0.0380577	1.225	71.7878	0.257	1.021206	2.372	64.7432	0.079	53.6723	0.071	0.73936 ± 0.00461	3.62 ± 0.02	89.12	4.13	0.388 ± 0.002
16D44836	2.1 %	0.0401521	1.142	87.3416	0.252	0.929096	2.534	62.5202	0.079	51.7887	0.074	0.74545 ± 0.00471	3.65 ± 0.02	89.91	3.99	0.308 ± 0.002
16D44838	2.2 %	0.0398947	1.001	79.4089	0.256	0.719618	3.292	48.9610	0.085	41.8377	0.093	0.73840 ± 0.00529	3.61 ± 0.03	86.32	3.12	0.265 ± 0.001
16D44839	2.3 %	0.0494018	1.050	122.9134	0.247	0.871565	2.866	63.0623	0.079	52.3931	0.074	0.74990 ± 0.00524	3.67 ± 0.03	90.14	4.02	0.220 ± 0.001
16D44840	2.4 %	0.0404408	1.132	104.4977	0.249	0.658739	3.820	48.9945	0.086	40.6527	0.097	0.75096 ± 0.00599	3.67 ± 0.03	90.37	3.12	0.201 ± 0.001
16D44842	2.5 %	0.0388403	1.202	102.1868	0.250	0.611733	3.875	44.3761	0.087	36.9613	0.102	0.75286 ± 0.00668	3.68 ± 0.03	90.25	2.83	0.186 ± 0.001
16D44843	2.6 %	✓ 0.0449915	1.031	91.1029	0.252	0.489630	5.069	37.4496	0.095	34.6109	0.110	0.75806 ± 0.00783	3.71 ± 0.04	81.89	2.39	0.176 ± 0.001
16D44844	2.7 %	✓ 0.0390556	1.157	107.7342	0.248	0.549470	4.643	42.1087	0.092	34.8599	0.109	0.75261 ± 0.00685	3.68 ± 0.03	90.75	2.68	0.168 ± 0.001
16D44846	2.8 %	✓ 0.0090014	3.940	26.1790	0.342	0.140914	17.207	10.8548	0.222	8.9161	0.422	0.76358 ± 0.02088	3.74 ± 0.10	92.81	0.69	0.178 ± 0.001
16D44847	2.9 %	✓ 0.0134608	2.702	38.3720	0.296	0.181815	13.748	15.1764	0.160	12.5253	0.299	0.75966 ± 0.01528	3.72 ± 0.07	91.89	0.97	0.170 ± 0.001
16D44848	3.0 %	✓ 0.0592572	0.872	168.6973	0.244	0.738669	3.276	61.1025	0.079	50.5329	0.077	0.75529 ± 0.00545	3.70 ± 0.03	91.16	3.89	0.155 ± 0.001
16D44850	3.2 %	✓ 0.0174674	2.066	47.4897	0.279	0.245449	10.097	17.7257	0.157	14.7798	0.252	0.75102 ± 0.01306	3.67 ± 0.06	89.91	1.13	0.160 ± 0.001
16D44851	3.4 %	✓ 0.0233357	1.819	57.8531	0.267	0.235338	9.760	21.1263	0.128	18.3605	0.203	0.75576 ± 0.01263	3.70 ± 0.06	86.80	1.35	0.157 ± 0.001
16D44852	3.6 %	✓ 0.0309485	1.340	92.5097	0.252	0.420488	5.819	32.8064	0.101	27.0965	0.144	0.76674 ± 0.00811	3.75 ± 0.04	92.65	2.09	0.152 ± 0.001
16D44854	3.8 %	✓ 0.0999236	0.638	291.1237	0.242	1.233116	1.934	100.0498	0.073	82.9048	0.046	0.76016 ± 0.00422	3.72 ± 0.02	91.56	6.37	0.147 ± 0.001
16D44855	4.0 %	✓ 0.0406044	1.103	61.3840	0.266	0.249842	9.857	21.8501	0.130	24.0653	0.159	0.77097 ± 0.01287	3.77 ± 0.06	69.87	1.39	0.153 ± 0.001
16D44856	4.3 %	✓ 0.0253053	1.558	75.1834	0.256	0.311483	7.698	26.0223	0.114	21.3228	0.177	0.75706 ± 0.00969	3.70 ± 0.05	92.21	1.66	0.149 ± 0.001
16D44858	4.6 %	✓ 0.0484997	1.013	145.5442	0.246	0.608209	3.759	49.4709	0.084	40.6077	0.093	0.76035 ± 0.00635	3.72 ± 0.03	92.45	3.15	0.146 ± 0.001
16D44859	4.9 %	✓ 0.1385947	0.552	410.5881	0.241	1.717343	1.388	136.8690	0.072	112.9530	0.036	0.75983 ± 0.00379	3.72 ± 0.02	91.88	8.72	0.143 ± 0.001
16D44860	5.2 %	✓ 0.0515356	0.976	158.3928	0.244	0.641201	3.616	52.5331	0.083	43.1500	0.092	0.76651 ± 0.00616	3.75 ± 0.03	93.13	3.35	0.142 ± 0.001
16D44862	5.5 %	✓ 0.0247243	1.618	74.4348	0.257	0.304924	7.546	24.4213	0.118	19.9606	0.189	0.75577 ± 0.01043	3.70 ± 0.05	92.28	1.56	0.141 ± 0.001
16D44863	5.8 %	✓ 0.0560466	0.954	154.9323	0.245	0.580393	4.181	48.9667	0.085	41.8542	0.091	0.76332 ± 0.00693	3.73 ± 0.03	89.11	3.12	0.136 ± 0.001
16D44864	6.2 %	✓ 0.0340295	1.266	105.1701	0.249	0.397577	6.201	32.8054	0.099	27.1055	0.145	0.76985 ± 0.00842	3.77 ± 0.04	92.97	2.09	0.134 ± 0.001
16D44866	6.6 %	✓ 0.1068880	0.626	281.9498	0.242	1.029345	2.315	83.5818	0.075	73.5102	0.053	0.76498 ± 0.00519	3.74 ± 0.03	86.78	5.32	0.127 ± 0.001
16D44867	7.0 %	✓ 0.0275806	1.448	83.0620	0.254	0.302994	7.689	23.7242	0.124	19.8499	0.191	0.76668 ± 0.01077	3.75 ± 0.05	91.42	1.51	0.123 ± 0.001
16D44868	7.6 %	✓ 0.0551353	0.937	161.4772	0.245	0.501104	4.811	43.4596	0.089	36.7766	0.102	0.76182 ± 0.00757	3.73 ± 0.04	89.80	2.77	0.115 ± 0.001
16D44870	8.2 %	✓ 0.0532970	0.960	152.5422	0.245	0.461209	5.279	38.2499	0.093	32.8652	0.117	0.75954 ± 0.00850	3.72 ± 0.04	88.16	2.44	0.108 ± 0.001
16D44871	8.9 %	✓ 0.0476335	1.016	136.7283	0.246	0.372444	6.380	31.4236	0.101	27.1706	0.144	0.75753 ± 0.00979	3.71 ± 0.05	87.35	2.00	0.099 ± 0.001
16D44872	9.6 %	✓ 0.0349947	1.261	100.2894	0.250	0.269207	8.473	21.2243	0.126	18.7114	0.199	0.76485 ± 0.01315	3.74 ± 0.06	86.48	1.35	0.091 ± 0.001
16D44874	10.4 %	✓ 0.0350241	1.219	98.2591	0.251	0.262366	8.900	19.0989	0.140	17.0955	0.217	0.75690 ± 0.01419	3.70 ± 0.07	84.27	1.22	0.083 ± 0.000
16D44875	11.2 %	✓ 0.0338688	1.301	92.3137	0.252	0.217998	11.333	16.2197	0.160	14.9380	0.254	0.75090 ± 0.01716	3.67 ± 0.08	81.22	1.03	0.075 ± 0.000
16D44876	12.2 %	0.0963521	0.636	253.0774	0.243	0.394662	6.170	27.3486	0.108	27.2967	0.138	0.68574 ± 0.01431	3.36 ± 0.07	68.27	1.73	0.046 ± 0.000
16D44878	13.4 %	0.0506676	1.009	127.2300	0.247	0.151095	16.635	10.4914	0.236	12.1017	0.308	0.68251 ± 0.03059	3.34 ± 0.15	58.69	0.66	0.035 ± 0.000
16D44879	14.6 %	0.0495252	0.958	119.2592	0.248	0.112757	22.193	8.2485	0.273	10.6745	0.352	0.66031 ± 0.03634	3.23 ± 0.18	50.53	0.52	0.029 ± 0.000
16D44880	16.0 %	0.0430837	1.156	113.5142	0.249	0.121335	19.544	5.4570	0.420	7.2591	0.524	0.63954 ± 0.05758	3.13 ± 0.28	47.40	0.34	0.020 ± 0.000
16D44882	17.6 %	0.0386609	1.130	109.2617	0.249	0.077137	30.323	3.4447	0.673	4.8483	0.750	0.59617 ± 0.08135	2.92 ± 0.40	41.45	0.22	0.013 ± 0.000
16D44883	19.3 %	0.0302539	1.383	84.5212	0.254	0.047061	51.328	2.1605	1.052	3.5023	1.055	0.57317 ± 0.12474	2.80 ± 0.61	34.42	0.13	0.011 ± 0.000
16D44885	21.0 %	0.0309763	1.399	83.0617	0.254	0.048018	50.680	1.7539	1.262	3.5205	1.054	0.52847 ± 0.15924	2.59 ± 0.78	25.49	0.11	0.009 ± 0.000

Σ 1.8198549 0.167 4794.8235 0.046 20.993024 0.727 1569.6872 0.017 1344.5831 0.018

Information on Analysis and Constants Used in Calculations	Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Project = MCCLAUGHRY (15-17) Sample = 172-DFWJ-15 Material = Groundmass Location = Dufur Region = Central Cordillera of ... Analyst = Dan Miggins Irradiation = 16-OSU-10 (10C11-16) Position = X: 0 Y: 0 Z/H: 19.86723 mm FCT-NM Age = 28.201 ± 0.023 Ma FCT-NM Reference = Kuiper et al (2008) FCT-NM 40Ar/39Ar Ratio = 5.80343 ± 0.00772 FCT-NM J-value = 0.00270829 ± 0.00000360 Air Shot 40Ar/36Ar = 305.2310 ± 0.4609 Air Shot MDF = 0.99201951 ± 0.00068102 (LIN) Experiment Type = Incremental Heating Extraction Method = Undefined Heating = 77 sec Isolation = 3.00 min Instrument = ARGUS-VI-D Preferred Age = Undefined Age Classification = Undefined IGSN = 15.6 Rock Class = Undefined Lithology = Undefined Lat-Lon = Undefined - Undefined	Age Equations = Min et al. (2000) Negative Intensities = Allowed Collector Calibrations = 36Ar Decay 40K = 5.530 ± 0.048 E-10 1/a Decay 39Ar = 2.940 ± 0.016 E-07 1/h Decay 37Ar = 8.230 ± 0.012 E-04 1/h Decay 36Cl = 2.257 ± 0.015 E-06 1/a Decay 40K(EC,β ⁺) = 0.580 ± 0.009 E-10 1/a Decay 40K(β ⁻) = 4.950 ± 0.043 E-10 1/a Atmospheric 40/36(a) = 295.50 Atmospheric 38/36(a) = 0.1869 Production 39/37(ca) = 0.0006756 ± 0.0000089 Production 38/37(ca) = 0.0000718 ± 0.0000092 Production 36/37(ca) = 0.0002663 ± 0.0000004 Production 40/39(k) = 0.003823 ± 0.000102 Production 38/39(k) = 0.012031 ± 0.000019 Production 36/38(cl) = 262.80 ± 1.71 Scaling Ratio K/Ca = 0.430 Abundance Ratio 40K/K = 1.1700 ± 0.0100 E-04 Atomic Weight K = 39.0983 ± 0.0001 g						
	Age Plateau		0.76065 ± 0.00180 ± 0.24%	3.72 ± 0.01 ± 0.36%	1.45 7%	64.23 25	0.122 ± 0.012
			Full External Error ± 0.09 Analytical Error ± 0.01		1.58 1.2032	2σ Confidence Limit Error Magnification	
	Total Fusion Age		0.75213 ± 0.00124 ± 0.16%	3.68 ± 0.01 ± 0.31%		40	0.140 ± 0.000
			Full External Error ± 0.08 Analytical Error ± 0.01				
	Normal Isochron No Convergence	297.22 ± 13.81 ± 4.65%	0.75985 ± 0.00425 ± 0.56%	3.72 ± 0.02 ± 0.62%	1.46 7%	64.23 25	
			Full External Error ± 0.09 Analytical Error ± 0.02		1.59 1.2072	2σ Confidence Limit Error Magnification	
					100	Number of Iterations	
					0.0000263916	Convergence	
	Inverse Isochron	302.32 ± 13.85 ± 4.58%	0.75877 ± 0.00423 ± 0.56%	3.71 ± 0.02 ± 0.62%	1.45 8%	64.23 25	
			Full External Error ± 0.09 Analytical Error ± 0.02		1.59 1.2029	2σ Confidence Limit Error Magnification	
					3	Number of Iterations	
					0.0010720409	Convergence	
					24%	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
16D44832	1.8 %		0.0305264	63.4940	0.4240546	98.1972	73.2685	3.65 ± 0.02	88.63	6.27	0.665 ± 0.004
16D44834	1.9 %		0.0188947	59.9549	0.2824088	71.5234	53.0295	3.63 ± 0.02	90.05	4.57	0.513 ± 0.003
16D44835	2.0 %		0.0189245	71.7878	0.2341719	64.6947	47.8328	3.62 ± 0.02	89.12	4.13	0.388 ± 0.002
16D44836	2.1 %		0.0168814	87.3416	0.1681985	62.4612	46.5614	3.65 ± 0.02	89.91	3.99	0.308 ± 0.002
16D44838	2.2 %		0.0187397	79.4089	0.1220097	48.9074	36.1131	3.61 ± 0.03	86.32	3.12	0.265 ± 0.001
16D44839	2.3 %		0.0166629	122.9134	0.1019221	62.9793	47.2284	3.67 ± 0.03	90.14	4.02	0.220 ± 0.001
16D44840	2.4 %		0.0126089	104.4977	0.0602760	48.9239	36.7398	3.67 ± 0.03	90.37	3.12	0.201 ± 0.001
16D44842	2.5 %		0.0116232	102.1868	0.0691647	44.3071	33.3572	3.68 ± 0.03	90.25	2.83	0.186 ± 0.001
16D44843	2.6 %	✓	0.0207288	91.1029	0.0293985	37.3881	28.3426	3.71 ± 0.04	81.89	2.39	0.176 ± 0.001
16D44844	2.7 %	✓	0.0103637	107.7342	0.0340641	42.0359	31.6368	3.68 ± 0.03	90.75	2.68	0.168 ± 0.001
16D44846	2.8 %	✓	0.0020293	26.1790	0.0082736	10.8372	8.2750	3.74 ± 0.10	92.81	0.69	0.178 ± 0.001
16D44847	2.9 %	✓	0.0032423	38.3720	0.0000000	15.1504	11.5092	3.72 ± 0.07	91.89	0.97	0.170 ± 0.001
16D44848	3.0 %	✓	0.0143331	168.6973	0.0000000	60.9885	46.0643	3.70 ± 0.03	91.16	3.89	0.155 ± 0.001
16D44850	3.2 %	✓	0.0048190	47.4897	0.0282673	17.6936	13.2882	3.67 ± 0.06	89.91	1.13	0.160 ± 0.001
16D44851	3.4 %	✓	0.0079294	57.8531	0.0000000	21.0872	15.9368	3.70 ± 0.06	86.80	1.35	0.157 ± 0.001
16D44852	3.6 %	✓	0.0063119	92.5097	0.0187239	32.7439	25.1061	3.75 ± 0.04	92.65	2.09	0.152 ± 0.001
16D44854	3.8 %	✓	0.0223969	291.1237	0.0066943	99.8531	75.9048	3.72 ± 0.02	91.56	6.37	0.147 ± 0.001
16D44855	4.0 %	✓	0.0242578	61.3840	0.0000000	21.8086	16.8138	3.77 ± 0.06	69.87	1.39	0.153 ± 0.001
16D44856	4.3 %	✓	0.0052840	75.1834	0.0000000	25.9715	19.6621	3.70 ± 0.05	92.21	1.66	0.149 ± 0.001
16D44858	4.6 %	✓	0.0097411	145.5442	0.0019373	49.3725	37.5405	3.72 ± 0.03	92.45	3.15	0.146 ± 0.001
16D44859	4.9 %	✓	0.0292524	410.5881	0.0390622	136.5916	103.7867	3.72 ± 0.02	91.88	8.72	0.143 ± 0.001
16D44860	5.2 %	✓	0.0093556	158.3928	0.0000000	52.4261	40.1850	3.75 ± 0.03	93.13	3.35	0.142 ± 0.001
16D44862	5.5 %	✓	0.0049019	74.4348	0.0054558	24.3710	18.4189	3.70 ± 0.05	92.28	1.56	0.141 ± 0.001
16D44863	5.8 %	✓	0.0147881	154.9323	0.0000000	48.8620	37.2976	3.73 ± 0.03	89.11	3.12	0.136 ± 0.001
16D44864	6.2 %	✓	0.0060227	105.1701	0.0000000	32.7344	25.2006	3.77 ± 0.04	92.97	2.09	0.134 ± 0.001
16D44866	6.6 %	✓	0.0318048	281.9498	0.0000000	83.3913	63.7930	3.74 ± 0.03	86.78	5.32	0.127 ± 0.001
16D44867	7.0 %	✓	0.0054605	83.0620	0.0112591	23.6681	18.1459	3.75 ± 0.05	91.42	1.51	0.123 ± 0.001
16D44868	7.6 %	✓	0.0121339	161.4772	0.0000000	43.3505	33.0253	3.73 ± 0.04	89.80	2.77	0.115 ± 0.001
16D44870	8.2 %	✓	0.0126750	152.5422	0.0000000	38.1468	28.9739	3.72 ± 0.04	88.16	2.44	0.108 ± 0.001
16D44871	8.9 %	✓	0.0112228	136.7283	0.0000000	31.3313	23.7345	3.71 ± 0.05	87.35	2.00	0.099 ± 0.001
16D44872	9.6 %	✓	0.0082872	100.2894	0.0059235	21.1565	16.1816	3.74 ± 0.06	86.48	1.35	0.091 ± 0.001
16D44874	10.4 %	✓	0.0088560	98.2591	0.0246759	19.0325	14.4058	3.70 ± 0.07	84.27	1.22	0.083 ± 0.000
16D44875	11.2 %	✓	0.0092846	92.3137	0.0152451	16.1574	12.1326	3.67 ± 0.08	81.22	1.03	0.075 ± 0.000
16D44876	12.2 %		0.0289545	253.0774	0.0441056	27.1776	18.6367	3.36 ± 0.07	68.27	1.73	0.046 ± 0.000
16D44878	13.4 %		0.0167853	127.2300	0.0136345	10.4055	7.1019	3.34 ± 0.15	58.69	0.66	0.035 ± 0.000
16D44879	14.6 %		0.0177663	119.2592	0.0026053	8.1680	5.3934	3.23 ± 0.18	50.53	0.52	0.029 ± 0.000
16D44880	16.0 %		0.0128516	113.5142	0.0460528	5.3803	3.4409	3.13 ± 0.28	47.40	0.34	0.020 ± 0.000
16D44882	17.6 %		0.0095627	109.2617	0.0269493	3.3709	2.0096	2.92 ± 0.40	41.45	0.22	0.013 ± 0.000
16D44883	19.3 %		0.0077449	84.5212	0.0142381	2.1034	1.2056	2.80 ± 0.61	34.42	0.13	0.011 ± 0.000
16D44885	21.0 %		0.0088555	83.0617	0.0199727	1.6978	0.8972	2.59 ± 0.78	25.49	0.11	0.009 ± 0.000

Σ 0.5428656 4794.8235 1.8587450 1566.4478 1178.1778

Information on Analysis	Results	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Project = MCCLAUGHRY (15-17) Sample = 172-DFWJ-15 Material = Groundmass Location = Dufur Region = Central Cordillera of ... Analyst = Dan Miggins Irradiation = 16-OSU-10 (10C11-16) J = 0.00270829 ± 0.00000360 FCT-NM = 28.201 ± 0.023 Ma	Age Plateau	0.76065 ± 0.00180 ± 0.24%	3.72 ± 0.01 ± 0.36% Full External Error ± 0.09 Analytical Error ± 0.01	1.45 7% 1.58 1.2032	64.23 25 2σ Confidence Limit Error Magnification	0.122 ± 0.012
	Total Fusion Age	0.75213 ± 0.00124 ± 0.16%	3.68 ± 0.01 ± 0.31% Full External Error ± 0.08 Analytical Error ± 0.01		40	0.140 ± 0.000

Normal Isochron		39(k)/36(a) ± 2σ		40(a+r)/36(a) ± 2σ	r.i.
16D44832	1.8 %		3216.79 ± 98.78	2695.66 ± 82.72	0.9984
16D44834	1.9 %		3785.37 ± 184.32	3102.08 ± 151.03	0.9991
16D44835	2.0 %		3418.58 ± 169.75	2823.06 ± 140.17	0.9991
16D44836	2.1 %		3700.00 ± 203.26	3053.64 ± 167.75	0.9992
16D44838	2.2 %		2609.83 ± 112.64	2222.59 ± 95.94	0.9983
16D44839	2.3 %		3779.61 ± 239.38	3129.84 ± 198.22	0.9994
16D44840	2.4 %		3880.11 ± 286.26	3209.30 ± 236.79	0.9994
16D44842	2.5 %		3811.96 ± 310.66	3165.39 ± 257.99	0.9994
16D44843	2.6 %	✓	1803.68 ± 81.76	1662.81 ± 75.40	0.9979
16D44844	2.7 %	✓	4056.09 ± 359.69	3348.17 ± 296.94	0.9995
16D44846	2.8 %	✓	5340.28 ± 1871.83	4373.24 ± 1533.20	0.9996
16D44847	2.9 %	✓	4672.70 ± 1052.99	3845.17 ± 866.73	0.9995
16D44848	3.0 %	✓	4255.08 ± 316.20	3509.34 ± 260.78	0.9996
16D44850	3.2 %	✓	3671.63 ± 553.28	3052.96 ± 460.22	0.9992
16D44851	3.4 %	✓	2659.37 ± 286.53	2305.34 ± 248.49	0.9990
16D44852	3.6 %	✓	5187.64 ± 691.87	4273.08 ± 569.96	0.9996
16D44854	3.8 %	✓	4458.35 ± 268.51	3684.58 ± 221.87	0.9996
16D44855	4.0 %	✓	899.04 ± 33.48	988.63 ± 36.86	0.9939
16D44856	4.3 %	✓	4915.12 ± 741.82	4016.55 ± 606.30	0.9996
16D44858	4.6 %	✓	5068.48 ± 524.24	4149.33 ± 429.18	0.9997
16D44859	4.9 %	✓	4669.41 ± 263.62	3843.47 ± 216.94	0.9996
16D44860	5.2 %	✓	5603.73 ± 619.84	4590.80 ± 507.81	0.9997
16D44862	5.5 %	✓	4971.76 ± 820.11	4053.01 ± 668.67	0.9996
16D44863	5.8 %	✓	3304.14 ± 244.72	2817.63 ± 208.69	0.9994
16D44864	6.2 %	✓	5435.17 ± 791.65	4479.78 ± 652.57	0.9997
16D44866	6.6 %	✓	2621.97 ± 115.82	2301.27 ± 101.63	0.9991
16D44867	7.0 %	✓	4334.45 ± 642.59	3618.65 ± 536.57	0.9995
16D44868	7.6 %	✓	3572.67 ± 312.87	3017.23 ± 264.25	0.9995
16D44870	8.2 %	✓	3009.60 ± 249.31	2581.40 ± 213.87	0.9993
16D44871	8.9 %	✓	2791.76 ± 246.35	2410.35 ± 212.76	0.9992
16D44872	9.6 %	✓	2552.91 ± 276.15	2248.10 ± 243.28	0.9990
16D44874	10.4 %	✓	2149.10 ± 210.66	1922.16 ± 188.52	0.9986
16D44875	11.2 %	✓	1740.23 ± 167.45	1602.24 ± 154.30	0.9980
16D44876	12.2 %		938.63 ± 41.67	939.16 ± 41.73	0.9969
16D44878	13.4 %		619.92 ± 38.56	718.60 ± 44.79	0.9921
16D44879	14.6 %		459.74 ± 25.14	599.07 ± 32.87	0.9866
16D44880	16.0 %		418.64 ± 33.14	563.24 ± 44.72	0.9854
16D44882	17.6 %		352.51 ± 33.16	505.65 ± 47.66	0.9766
16D44883	19.3 %		271.59 ± 30.29	451.17 ± 50.28	0.9632
16D44885	21.0 %		191.72 ± 19.62	396.82 ± 40.15	0.9457

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	297.22 ± 13.81	0.75985 ± 0.00425	3.72 ± 0.02	1.46
No Convergence	± 4.65%	± 0.56%	± 0.62%	7%
			Full External Error ± 0.09	
			Analytical Error ± 0.02	
Statistics	2σ Confidence Limit	1.59	Convergence	0.000026391572
	Error Magnification	1.2072	Number of Iterations	100
	Number of Data Points	25	Calculated Line	Weighted York-2

Inverse Isochron		39(k)/40(a+r) ± 2σ		36(a)/40(a+r) ± 2σ	r.i.
16D44832	1.8 %		1.1933201 ± 0.0021020	0.00037097 ± 0.00001138	0.0176
16D44834	1.9 %		1.2202674 ± 0.0024826	0.00032236 ± 0.00001570	0.0178
16D44835	2.0 %		1.2109455 ± 0.0026005	0.00035423 ± 0.00001759	0.0199
16D44836	2.1 %		1.2116657 ± 0.0026334	0.00032748 ± 0.00001799	0.0189
16D44838	2.2 %		1.1742264 ± 0.0029726	0.00044993 ± 0.00001942	0.0324
16D44839	2.3 %		1.2076034 ± 0.0026403	0.00031951 ± 0.00002023	0.0164
16D44840	2.4 %		1.2090215 ± 0.0031606	0.00031159 ± 0.00002299	0.0200
16D44842	2.5 %		1.2042622 ± 0.0032608	0.00031592 ± 0.00002575	0.0194
16D44843	2.6 %	✓	1.0847207 ± 0.0031736	0.00060139 ± 0.00002727	0.0371
16D44844	2.7 %	✓	1.2114351 ± 0.0034783	0.00029867 ± 0.00002649	0.0191
16D44846	2.8 %	✓	1.2211278 ± 0.0117011	0.00022866 ± 0.00008017	0.0214
16D44847	2.9 %	✓	1.2152102 ± 0.0082906	0.00026007 ± 0.00005862	0.0236
16D44848	3.0 %	✓	1.2125013 ± 0.0026983	0.00028495 ± 0.00002118	0.0149
16D44850	3.2 %	✓	1.2026463 ± 0.0071867	0.00032755 ± 0.00004938	0.0286
16D44851	3.4 %	✓	1.1535717 ± 0.0055648	0.00043378 ± 0.00004676	0.0321
16D44852	3.6 %	✓	1.2140299 ± 0.0043005	0.00023402 ± 0.00003122	0.0178
16D44854	3.8 %	✓	1.2100030 ± 0.0021276	0.00027140 ± 0.00001634	0.0088
16D44855	4.0 %	✓	0.9093766 ± 0.0037545	0.00101150 ± 0.00003772	0.0664
16D44856	4.3 %	✓	1.2237147 ± 0.0051833	0.00024897 ± 0.00003758	0.0199
16D44858	4.6 %	✓	1.2215186 ± 0.0030852	0.00024100 ± 0.00002493	0.0136
16D44859	4.9 %	✓	1.2148944 ± 0.0019758	0.00026018 ± 0.00001469	0.0063
16D44860	5.2 %	✓	1.2206440 ± 0.0030595	0.00021783 ± 0.00002410	0.0126
16D44862	5.5 %	✓	1.2266826 ± 0.0054866	0.00024673 ± 0.00004071	0.0196
16D44863	5.8 %	✓	1.1726666 ± 0.0029481	0.00035491 ± 0.00002629	0.0184
16D44864	6.2 %	✓	1.2132683 ± 0.0042884	0.00022323 ± 0.00003252	0.0166
16D44866	6.6 %	✓	1.1393600 ± 0.0021136	0.00043454 ± 0.00001919	0.0142
16D44867	7.0 %	✓	1.1978105 ± 0.0054846	0.00027635 ± 0.00004098	0.0217
16D44868	7.6 %	✓	1.1840878 ± 0.0032250	0.00033143 ± 0.00002903	0.0179
16D44870	8.2 %	✓	1.1658792 ± 0.0035171	0.00038739 ± 0.00003209	0.0224
16D44871	8.9 %	✓	1.1582367 ± 0.0040931	0.00041488 ± 0.00003662	0.0270
16D44872	9.6 %	✓	1.1355859 ± 0.0053754	0.00044482 ± 0.00004814	0.0312
16D44874	10.4 %	✓	1.1180637 ± 0.0058060	0.00052025 ± 0.00005102	0.0375
16D44875	11.2 %	✓	1.0861198 ± 0.0065569	0.00062413 ± 0.00006011	0.0448
16D44876	12.2 %		0.9994405 ± 0.0035224	0.00106479 ± 0.00004731	0.0490
16D44878	13.4 %		0.8626704 ± 0.0067320	0.00139159 ± 0.00008674	0.0787
16D44879	14.6 %		0.7674271 ± 0.0068770	0.00166925 ± 0.00009158	0.1014
16D44880	16.0 %		0.7432776 ± 0.0100581	0.00177544 ± 0.00014098	0.1028
16D44882	17.6 %		0.6971307 ± 0.0142074	0.00197764 ± 0.00018642	0.1176
16D44883	19.3 %		0.6019673 ± 0.0182004	0.00221648 ± 0.00024702	0.1326
16D44885	21.0 %		0.4831524 ± 0.0162162	0.00252004 ± 0.00025496	0.1313

Results	40(a)/36(a) ± 2σ		40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	302.32 ± 13.85 ± 4.58%		0.75877 ± 0.00423 ± 0.56%	3.71 ± 0.02 ± 0.62% Full External Error ± 0.09 Analytical Error ± 0.02	1.45 8%
Statistics	2σ Confidence Limit Error Magnification Number of Data Points Spreading Factor	1.59 1.2029 25 24.1%	Convergence Number of Iterations Calculated Line	0.0010720409 3 Weighted York-2	

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
16D44832	1.8 %	0.0305264	1.53	0.0000000	0.00	0.0169084	0.30	0.0000291	5.90	63.4940	0.26	0.0057054	1.53	0.0000000	0.00	1.181410	0.18	0.0045589	12.82	0.4240546	5.97	98.1972	0.07	0.0428965	1.35	73.2685	0.20	9.02056	1.53	0.0000000	0.00	0.3754078	2.66
16D44834	1.9 %	0.0188947	2.43	0.0000000	0.00	0.0159660	0.31	0.0000194	8.74	59.9549	0.27	0.0035314	2.43	0.0000000	0.00	0.860498	0.18	0.0043048	12.82	0.2824088	8.79	71.5234	0.08	0.0405055	1.35	53.0295	0.27	5.58339	2.43	0.0000000	0.00	0.2734340	2.66
16D44835	2.0 %	0.0189245	2.48	0.0000000	0.00	0.0191171	0.30	0.0000161	10.40	71.7878	0.26	0.0035370	2.48	0.0000000	0.00	0.778343	0.18	0.0051544	12.82	0.2341719	10.44	64.6947	0.08	0.0484998	1.34	47.8328	0.30	5.59218	2.48	0.0000000	0.00	0.2473280	2.66
16D44836	2.1 %	0.0168814	2.75	0.0000000	0.00	0.0232591	0.29	0.0000116	14.06	87.3416	0.25	0.0031551	2.75	0.0000000	0.00	0.751471	0.18	0.0062711	12.82	0.1681985	14.09	62.4612	0.08	0.0590080	1.34	46.5614	0.31	4.98846	2.75	0.0000000	0.00	0.2387893	2.66
16D44838	2.2 %	0.0187397	2.16	0.0000000	0.00	0.0211466	0.30	0.0000084	19.47	79.4089	0.26	0.0035024	2.16	0.0000000	0.00	0.588404	0.18	0.0057016	12.82	0.1220097	19.49	48.9074	0.08	0.0536486	1.34	36.1131	0.35	5.53758	2.16	0.0000000	0.00	0.1869728	2.66
16D44839	2.3 %	0.0166629	3.17	0.0000000	0.00	0.0327318	0.29	0.0000070	24.59	122.9134	0.25	0.0031143	3.17	0.0000000	0.00	0.757704	0.18	0.0088252	12.82	0.1019221	24.61	62.9793	0.08	0.0830403	1.34	47.2284	0.34	4.92389	3.17	0.0000000	0.00	0.2407698	2.66
16D44840	2.4 %	0.0126089	3.69	0.0000000	0.00	0.0278277	0.29	0.0000041	41.83	104.4977	0.25	0.0023566	3.69	0.0000000	0.00	0.588603	0.18	0.0075029	12.82	0.0602760	41.84	48.9239	0.09	0.0705986	1.34	36.7398	0.39	3.72593	3.69	0.0000000	0.00	0.1870360	2.66
16D44842	2.5 %	0.0116232	4.07	0.0000000	0.00	0.0272124	0.29	0.0000048	34.34	102.1868	0.25	0.0021724	4.07	0.0000000	0.00	0.533059	0.18	0.0073370	12.82	0.0691647	34.35	44.3071	0.09	0.0690374	1.34	33.3572	0.43	3.43465	4.07	0.0000000	0.00	0.1693860	2.66
16D44843	2.6 %	✓ 0.0207288	2.26	0.0000000	0.00	0.0242607	0.29	0.0000020	84.53	91.1029	0.25	0.0038742	2.26	0.0000000	0.00	0.449816	0.19	0.0065412	12.82	0.0293985	84.54	37.3881	0.10	0.0615491	1.34	28.3426	0.51	6.12535	2.26	0.0000000	0.00	0.1429347	2.66
16D44844	2.7 %	✓ 0.0103637	4.43	0.0000000	0.00	0.0286896	0.29	0.0000023	75.01	107.7342	0.25	0.0019370	4.43	0.0000000	0.00	0.505734	0.18	0.0077353	12.82	0.0340641	75.01	42.0359	0.09	0.0727852	1.34	31.6368	0.45	3.06246	4.43	0.0000000	0.00	0.1607031	2.66
16D44846	2.8 %	✓ 0.0020293	17.52	0.0000000	0.00	0.0069715	0.37	0.0000006	293.11	26.1790	0.34	0.0003793	17.52	0.0000000	0.00	0.130382	0.27	0.0018797	12.82	0.0082736	293.11	10.8372	0.22	0.0176866	1.36	8.2750	1.35	0.59966	17.52	0.0000000	0.00	0.0414305	2.67
16D44847	2.9 %	✓ 0.0032423	11.27	0.0000000	0.00	0.0102185	0.33	0.0000000	0.00	38.3720	0.30	0.0006060	11.27	0.0000000	0.00	0.182275	0.23	0.0027551	12.82	0.0000000	0.00	15.1504	0.16	0.0259242	1.35	11.5092	0.99	0.95811	11.27	0.0000000	0.00	0.0579201	2.66
16D44848	3.0 %	✓ 0.0143331	3.71	0.0000000	0.00	0.0449241	0.29	0.0000000	0.00	168.6973	0.24	0.0026789	3.71	0.0000000	0.00	0.733753	0.18	0.0121125	12.82	0.0000000	0.00	60.9885	0.08	0.1139719	1.34	46.0643	0.35	4.23544	3.71	0.0000000	0.00	0.2331592	2.66
16D44850	3.2 %	✓ 0.0048190	7.53	0.0000000	0.00	0.0126465	0.32	0.0000019	87.71	47.4897	0.28	0.0009007	7.53	0.0000000	0.00	0.212871	0.22	0.0034098	12.82	0.0282673	87.71	17.6936	0.16	0.0320840	1.35	13.2882	0.85	1.42401	7.53	0.0000000	0.00	0.0676425	2.66
16D44851	3.4 %	✓ 0.0079294	5.39	0.0000000	0.00	0.0154063	0.31	0.0000000	0.00	57.8531	0.27	0.0014820	5.39	0.0000000	0.00	0.253700	0.20	0.0041539	12.82	0.0000000	0.00	21.0872	0.13	0.0390856	1.35	15.9368	0.83	2.34313	5.39	0.0000000	0.00	0.0806164	2.66
16D44852	3.6 %	✓ 0.0063119	6.67	0.0000000	0.00	0.0246353	0.29	0.0000013	130.83	92.5097	0.25	0.0011797	6.67	0.0000000	0.00	0.393942	0.19	0.0066422	12.82	0.0187239	130.83	32.7439	0.10	0.0624995	1.34	25.1061	0.52	1.86517	6.67	0.0000000	0.00	0.1251801	2.66
16D44854	3.8 %	✓ 0.0223969	3.01	0.0000000	0.00	0.0775262	0.28	0.0000005	359.81	291.1237	0.24	0.0041860	3.01	0.0000000	0.00	1.201333	0.18	0.0209027	12.82	0.0066943	359.81	99.8531	0.07	0.1966831	1.34	75.9048	0.27	6.61828	3.01	0.0000000	0.00	0.3817385	2.66
16D44855	4.0 %	✓ 0.0242578	1.86	0.0000000	0.00	0.0163466	0.31	0.0000000	0.00	61.3840	0.27	0.0045338	1.86	0.0000000	0.00	0.262379	0.21	0.0044074	12.82	0.0000000	0.00	21.8086	0.13	0.0441711	1.35	16.8138	0.82	7.16817	1.86	0.0000000	0.00	0.0833743	2.66
16D44856	4.3 %	✓ 0.0052840	7.55	0.0000000	0.00	0.0200213	0.30	0.0000000	0.00	75.1834	0.26	0.0009876	7.55	0.0000000	0.00	0.312464	0.20	0.0053982	12.82	0.0000000	0.00	25.9715	0.11	0.0507939	1.34	19.6621	0.63	1.56143	7.55	0.0000000	0.00	0.0992892	2.66
16D44858	4.6 %	✓ 0.0097411	5.17	0.0000000	0.00	0.0387584	0.29	0.0000001	#####	145.5442	0.25	0.0018206	5.17	0.0000000	0.00	0.594001	0.18	0.0104501	12.82	0.0019373	#####	49.3725	0.08	0.0983297	1.34	37.5405	0.41	2.87849	5.17	0.0000000	0.00	0.1887512	2.66
16D44859	4.9 %	✓ 0.0292524	2.82	0.0000000	0.00	0.1093396	0.28	0.0000027	62.23	410.5881	0.24	0.0054673	2.82	0.0000000	0.00	1.643333	0.18	0.0294802	12.82	0.0390622	62.24	136.5916	0.07	0.2773933	1.34	103.7867	0.24	8.64409	2.82	0.0000000	0.00	0.5221896	2.66
16D44860	5.2 %	✓ 0.0093556	5.53	0.0000000	0.00	0.0421800	0.29	0.0000000	0.00	158.3928	0.24	0.0017486	5.53	0.0000000	0.00	0.630739	0.18	0.0113726	12.82	0.0000000	0.00	52.4261	0.08	0.1070102	1.34	40.1850	0.39	2.76457	5.53	0.0000000	0.00	0.2004251	2.66
16D44862	5.5 %	✓ 0.0049019	8.25	0.0000000	0.00	0.0198220	0.30	0.0000004	422.06	74.4348	0.26	0.0009162	8.25	0.0000000	0.00	0.293208	0.20	0.0053444	12.82	0.0054558	422.06	24.3710	0.12	0.0502881	1.34	18.4189	0.68	1.44851	8.25	0.0000000	0.00	0.0931704	2.66
16D44863	5.8 %	✓ 0.0147881	3.70	0.0000000	0.00	0.0412585	0.29	0.0000000	0.00	154.9323	0.25	0.0027639	3.70	0.0000000	0.00	0.587859	0.18	0.0111241	12.82	0.0000000	0.00	48.8620	0.09	0.1046723	1.34	37.2976	0.45	4.36989	3.70	0.0000000	0.00	0.1867995	2.66
16D44864	6.2 %	✓ 0.0060227	7.28	0.0000000	0.00	0.0280068	0.29	0.0000000	0.00	105.1701	0.25	0.0011256	7.28	0.0000000	0.00	0.393827	0.19	0.0075512	12.82	0.0000000	0.00	32.7344	0.10	0.0710529	1.34	25.2006	0.54	1.77971	7.28	0.0000000	0.00	0.1251436	2.66
16D44866	6.6 %	✓ 0.0318048	2.21	0.0000000	0.00	0.0750832	0.28	0.0000000	0.00	281.9498	0.24	0.0059443	2.21	0.0000000	0.00	1.003281	0.18	0.0202440	12.82	0.0000000	0.00	83.3913	0.08	0.1904853	1.34	63.7930	0.33	9.39832	2.21	0.0000000	0.00	0.3188050	2.66
16D44867	7.0 %	✓ 0.0054605	7.41	0.0000000	0.00	0.0221194	0.29	0.0000008	207.09	83.0620	0.25	0.0010206	7.41	0.0000000	0.00	0.284751	0.20	0.0059639	12.82	0.0112591	207.09	23.6681	0.12	0.0561167	1.34	18.1459	0.69	1.61356	7.41	0.0000000	0.00	0.0904831	2.66
16D44868	7.6 %	✓ 0.0121339	4.38	0.0000000	0.00	0.0430014	0.29	0.0000000	0.00	161.4772	0.24	0.0022678	4.38	0.0000000	0.00	0.521550	0.18	0.0115941	12.82	0.0000000	0.00	43.3505	0.09	0.1090940	1.34	33.0253	0.49	3.58558	4.38	0.0000000	0.00	0.1657289	2.66
16D44870	8.2 %	✓ 0.0126750	4.14	0.0000000	0.00	0.0406220	0.29	0.0000000	0.00	152.5422	0.24	0.0023690	4.14	0.0000000	0.00	0.458945	0.19	0.0109525	12.82	0.0000000	0.00	38.1468	0.09	0.1030575	1.34	28.9739	0.55	3.74547	4.14	0.0000000	0.00	0.1458354	2.66
16D44871	8.9 %	✓ 0.0112228	4.41	0.0000000	0.00	0.0364107	0.29	0.0000000	0.00	136.7283	0.25	0.0020975	4.41	0.0000000	0.00	0.376946	0.19	0.0098171	12.82	0.0000000	0.00	31.3313	0.10	0.0923736	1.34	23.7345	0.64	3.31633	4.41	0.0000000	0.00	0.1197794	2.66
16D44872	9.6 %	✓ 0.0082872	5.41	0.0000000	0.00	0.0267071	0.29	0.0000004	385.50	100.2894	0.25	0.0015489	5.41	0.0000000	0.00	0.254534	0.20	0.0072008	12.82	0.005													

Additional Parameters		40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
16D44832	1.8 %	0.841454	0.000733	0.646314	0.001758	0.000483	0.000005	42.292	2.339095	1.00030362	3.968E-12
16D44834	1.9 %	0.822850	0.000829	0.837780	0.002320	0.000487	0.000006	42.306	2.339736	1.00030371	2.827E-12
16D44835	2.0 %	0.829003	0.000882	1.108808	0.002979	0.000588	0.000007	42.313	2.340057	1.00030376	2.576E-12
16D44836	2.1 %	0.828351	0.000892	1.397014	0.003691	0.000642	0.000007	42.320	2.340378	1.00030381	2.486E-12
16D44838	2.2 %	0.854510	0.001074	1.621880	0.004370	0.000815	0.000008	42.334	2.341021	1.00030391	2.008E-12
16D44839	2.3 %	0.830814	0.000900	1.949078	0.005049	0.000783	0.000008	42.341	2.341342	1.00030396	2.515E-12
16D44840	2.4 %	0.829741	0.001076	2.132845	0.005610	0.000825	0.000009	42.348	2.341663	1.00030401	1.951E-12
16D44842	2.5 %	0.832909	0.001119	2.302744	0.006104	0.000875	0.000011	42.362	2.342305	1.00030411	1.774E-12
16D44843	2.6 %	0.924198	0.001344	2.432677	0.006547	0.001201	0.000012	42.369	2.342627	1.00030415	1.661E-12
16D44844	2.7 %	0.827857	0.001180	2.558481	0.006773	0.000927	0.000011	42.376	2.342948	1.00030420	1.673E-12
16D44846	2.8 %	0.821398	0.003918	2.411739	0.009848	0.000829	0.000033	42.390	2.343591	1.00030430	4.280E-13
16D44847	2.9 %	0.825314	0.002802	2.528409	0.008498	0.000887	0.000024	42.397	2.343912	1.00030435	6.012E-13
16D44848	3.0 %	0.827019	0.000911	2.760890	0.007088	0.000970	0.000008	42.403	2.344234	1.00030440	2.426E-12
16D44850	3.2 %	0.833811	0.002480	2.679150	0.008571	0.000985	0.000020	42.417	2.344877	1.00030450	7.094E-13
16D44851	3.4 %	0.869085	0.002086	2.738444	0.008116	0.001105	0.000020	42.424	2.345199	1.00030455	8.813E-13
16D44852	3.6 %	0.825949	0.001454	2.819863	0.007657	0.000943	0.000013	42.431	2.345520	1.00030460	1.301E-12
16D44854	3.8 %	0.828635	0.000719	2.909787	0.007354	0.000999	0.000006	42.445	2.346164	1.00030469	3.979E-12
16D44855	4.0 %	1.101383	0.002265	2.809329	0.008331	0.001858	0.000021	42.452	2.346486	1.00030474	1.155E-12
16D44856	4.3 %	0.819404	0.001726	2.889186	0.008107	0.000972	0.000015	42.459	2.346808	1.00030479	1.023E-12
16D44858	4.6 %	0.820841	0.001028	2.942018	0.007642	0.000980	0.000010	42.473	2.347452	1.00030489	1.949E-12
16D44859	4.9 %	0.825264	0.000661	2.999863	0.007556	0.001013	0.000006	42.480	2.347774	1.00030494	5.422E-12
16D44860	5.2 %	0.821386	0.001021	3.015102	0.007780	0.000981	0.000010	42.488	2.348128	1.00030499	2.071E-12
16D44862	5.5 %	0.817343	0.001818	3.047945	0.008604	0.001012	0.000016	42.501	2.348772	1.00030509	9.581E-13
16D44863	5.8 %	0.854749	0.001066	3.164035	0.008205	0.001145	0.000011	42.508	2.349094	1.00030514	2.009E-12
16D44864	6.2 %	0.826250	0.001451	3.205873	0.008583	0.001037	0.000013	42.515	2.349417	1.00030519	1.301E-12
16D44866	6.6 %	0.879500	0.000807	3.373340	0.008558	0.001279	0.000008	42.529	2.350061	1.00030529	3.528E-12
16D44867	7.0 %	0.836696	0.001905	3.501151	0.009894	0.001163	0.000017	42.537	2.350416	1.00030534	9.528E-13
16D44868	7.6 %	0.846225	0.001143	3.715572	0.009666	0.001269	0.000012	42.544	2.350738	1.00030539	1.765E-12
16D44870	8.2 %	0.859223	0.001287	3.988042	0.010446	0.001393	0.000013	42.558	2.351383	1.00030549	1.578E-12
16D44871	8.9 %	0.864655	0.001518	4.351129	0.011555	0.001516	0.000015	42.565	2.351706	1.00030554	1.304E-12
16D44872	9.6 %	0.881602	0.002075	4.725227	0.013254	0.001649	0.000021	42.572	2.352028	1.00030559	8.981E-13
16D44874	10.4 %	0.895104	0.002312	5.144749	0.014772	0.001834	0.000023	42.585	2.352674	1.00030568	8.206E-13
16D44875	11.2 %	0.920977	0.002766	5.691440	0.017015	0.002088	0.000027	42.592	2.352996	1.00030573	7.170E-13
16D44876	12.2 %	0.998104	0.001746	9.253772	0.024584	0.003523	0.000023	42.599	2.353319	1.00030578	1.310E-12
16D44878	13.4 %	1.153486	0.004475	12.127030	0.041403	0.004829	0.000050	42.613	2.353965	1.00030588	5.809E-13
16D44879	14.6 %	1.294113	0.005763	14.458220	0.053298	0.006004	0.000060	42.621	2.354320	1.00030593	5.124E-13
16D44880	16.0 %	1.330254	0.008931	20.801758	0.101518	0.007895	0.000097	42.628	2.354643	1.00030598	3.484E-13
16D44882	17.6 %	1.407454	0.014175	31.718467	0.227481	0.011223	0.000148	42.642	2.355289	1.00030608	2.327E-13
16D44883	19.3 %	1.621036	0.024142	39.120703	0.423215	0.014003	0.000243	42.649	2.355612	1.00030613	1.681E-13
16D44885	21.0 %	2.007221	0.033001	47.357181	0.609686	0.017661	0.000333	42.663	2.356258	1.00030623	1.690E-13

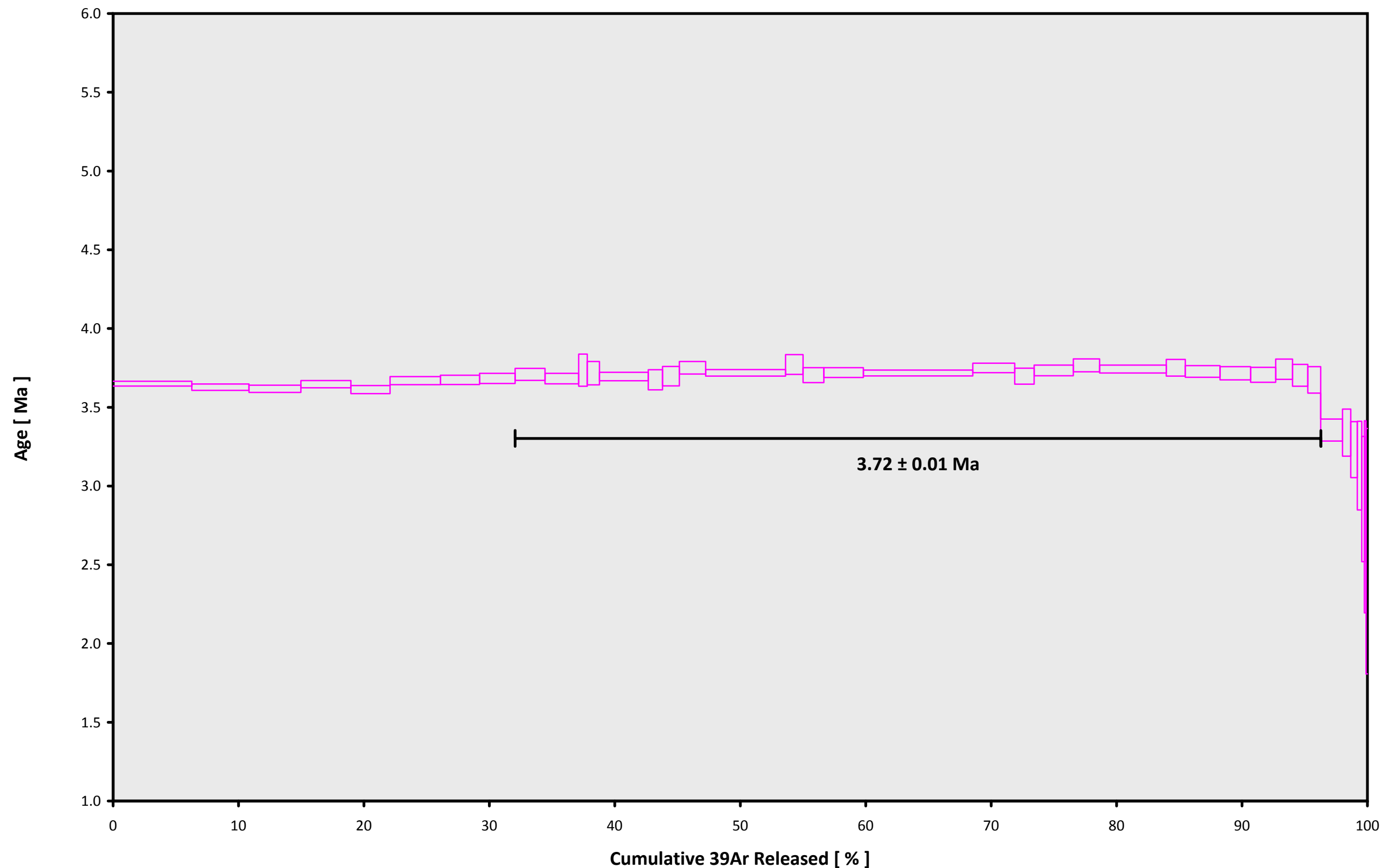
Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
16D44832	1.8 %	0.0069332 ± 0.0002404	0.0500414 ± 0.0192301	0.0256909 ± 0.0168114	0.0313294 ± 0.0153933	2.0077580 ± 0.0328699
16D44834	1.9 %	0.0069503 ± 0.0002404	0.0517139 ± 0.0192301	0.0267015 ± 0.0168114	0.0283495 ± 0.0153933	1.9948526 ± 0.0328699
16D44835	2.0 %	0.0069583 ± 0.0002404	0.0520064 ± 0.0192301	0.0272175 ± 0.0168114	0.0276000 ± 0.0153933	1.9896814 ± 0.0328699
16D44836	2.1 %	0.0069657 ± 0.0002404	0.0520153 ± 0.0192301	0.0277409 ± 0.0168114	0.0272770 ± 0.0153933	1.9852501 ± 0.0328699
16D44838	2.2 %	0.0069789 ± 0.0002404	0.0513980 ± 0.0192301	0.0288108 ± 0.0168114	0.0277217 ± 0.0153933	1.9782864 ± 0.0328699
16D44839	2.3 %	0.0069845 ± 0.0002404	0.0508709 ± 0.0192301	0.0293570 ± 0.0168114	0.0283997 ± 0.0153933	1.9756034 ± 0.0328699
16D44840	2.4 %	0.0069893 ± 0.0002404	0.0502584 ± 0.0192301	0.0299107 ± 0.0168114	0.0293252 ± 0.0153933	1.9733588 ± 0.0328699
16D44842	2.5 %	0.0069965 ± 0.0002404	0.0489364 ± 0.0192301	0.0310387 ± 0.0168114	0.0317611 ± 0.0153933	1.9699263 ± 0.0328699
16D44843	2.6 %	0.0069988 ± 0.0002404	0.0482978 ± 0.0192301	0.0316121 ± 0.0168114	0.0331981 ± 0.0153933	1.9686184 ± 0.0328699
16D44844	2.7 %	0.0070001 ± 0.0002404	0.0477156 ± 0.0192301	0.0321910 ± 0.0168114	0.0347353 ± 0.0153933	1.9675091 ± 0.0328699
16D44846	2.8 %	0.0069998 ± 0.0002404	0.0468236 ± 0.0192301	0.0333620 ± 0.0168114	0.0379855 ± 0.0153933	1.9656891 ± 0.0328699
16D44847	2.9 %	0.0069981 ± 0.0002404	0.0465564 ± 0.0192301	0.0339524 ± 0.0168114	0.0396408 ± 0.0153933	1.9648892 ± 0.0328699
16D44848	3.0 %	0.0069954 ± 0.0002404	0.0464312 ± 0.0192301	0.0345445 ± 0.0168114	0.0412813 ± 0.0153933	1.9641096 ± 0.0328699
16D44850	3.2 %	0.0069866 ± 0.0002404	0.0466533 ± 0.0192301	0.0357295 ± 0.0168114	0.0444247 ± 0.0153933	1.9624754 ± 0.0328699
16D44851	3.4 %	0.0069806 ± 0.0002404	0.0470153 ± 0.0192301	0.0363195 ± 0.0168114	0.0458859 ± 0.0153933	1.9615624 ± 0.0328699
16D44852	3.6 %	0.0069735 ± 0.0002404	0.0475484 ± 0.0192301	0.0369060 ± 0.0168114	0.0472493 ± 0.0153933	1.9605529 ± 0.0328699
16D44854	3.8 %	0.0069560 ± 0.0002404	0.0491186 ± 0.0192301	0.0380617 ± 0.0168114	0.0496209 ± 0.0153933	1.9581698 ± 0.0328699
16D44855	4.0 %	0.0069456 ± 0.0002404	0.0501422 ± 0.0192301	0.0386273 ± 0.0168114	0.0506037 ± 0.0153933	1.9567686 ± 0.0328699
16D44856	4.3 %	0.0069341 ± 0.0002404	0.0513098 ± 0.0192301	0.0391821 ± 0.0168114	0.0514374 ± 0.0153933	1.9552155 ± 0.0328699
16D44858	4.6 %	0.0069080 ± 0.0002404	0.0540116 ± 0.0192301	0.0402512 ± 0.0168114	0.0526286 ± 0.0153933	1.9516406 ± 0.0328699
16D44859	4.9 %	0.0068934 ± 0.0002404	0.0555041 ± 0.0192301	0.0407610 ± 0.0168114	0.0529765 ± 0.0153933	1.9496220 ± 0.0328699
16D44860	5.2 %	0.0068763 ± 0.0002404	0.0572148 ± 0.0192301	0.0412991 ± 0.0168114	0.0531650 ± 0.0153933	1.9472336 ± 0.0328699
16D44862	5.5 %	0.0068422 ± 0.0002404	0.0603805 ± 0.0192301	0.0422054 ± 0.0168114	0.0529900 ± 0.0153933	1.9424924 ± 0.0328699
16D44863	5.8 %	0.0068238 ± 0.0002404	0.0619179 ± 0.0192301	0.0426184 ± 0.0168114	0.0526589 ± 0.0153933	1.9399642 ± 0.0328699
16D44864	6.2 %	0.0068047 ± 0.0002404	0.0633722 ± 0.0192301	0.0430007 ± 0.0168114	0.0521734 ± 0.0153933	1.9373605 ± 0.0328699
16D44866	6.6 %	0.0067642 ± 0.0002404	0.0658516 ± 0.0192301	0.0436617 ± 0.0168114	0.0507746 ± 0.0153933	1.9320376 ± 0.0328699
16D44867	7.0 %	0.0067408 ± 0.0002404	0.0668561 ± 0.0192301	0.0439591 ± 0.0168114	0.0497890 ± 0.0153933	1.9291207 ± 0.0328699
16D44868	7.6 %	0.0067190 ± 0.0002404	0.0674708 ± 0.0192301	0.0441840 ± 0.0168114	0.0487799 ± 0.0153933	1.9265297 ± 0.0328699
16D44870	8.2 %	0.0066740 ± 0.0002404	0.0676042 ± 0.0192301	0.0444899 ± 0.0168114	0.0465088 ± 0.0153933	1.9216996 ± 0.0328699
16D44871	8.9 %	0.0066510 ± 0.0002404	0.0669953 ± 0.0192301	0.0445638 ± 0.0168114	0.0452861 ± 0.0153933	1.9195572 ± 0.0328699
16D44872	9.6 %	0.0066277 ± 0.0002404	0.0658452 ± 0.0192301	0.0445801 ± 0.0168114	0.0440347 ± 0.0153933	1.9176677 ± 0.0328699
16D44874	10.4 %	0.0065809 ± 0.0002404	0.0616275 ± 0.0192301	0.0444242 ± 0.0168114	0.0415468 ± 0.0153933	1.9148830 ± 0.0328699
16D44875	11.2 %	0.0065575 ± 0.0002404	0.0584042 ± 0.0192301	0.0442441 ± 0.0168114	0.0403655 ± 0.0153933	1.9141154 ± 0.0328699
16D44876	12.2 %	0.0065342 ± 0.0002404	0.0543283 ± 0.0192301	0.0439903 ± 0.0168114	0.0392662 ± 0.0153933	1.9138557 ± 0.0328699
16D44878	13.4 %	0.0064886 ± 0.0002404	0.0432686 ± 0.0192301	0.0432446 ± 0.0168114	0.0374460 ± 0.0153933	1.9151579 ± 0.0328699
16D44879	14.6 %	0.0064643 ± 0.0002404	0.0353187 ± 0.0192301	0.0426887 ± 0.0168114	0.0367432 ± 0.0153933	1.9170939 ± 0.0328699
16D44880	16.0 %	0.0064429 ± 0.0002404	0.0268032 ± 0.0192301	0.0420871 ± 0.0168114	0.0363429 ± 0.0153933	1.9197259 ± 0.0328699
16D44882	17.6 %	0.0064024 ± 0.0002404	0.0056739 ± 0.0192301	0.0405891 ± 0.0168114	0.0363934 ± 0.0153933	1.9278506 ± 0.0328699
16D44883	19.3 %	0.0063837 ± 0.0002404	0.0071526 ± 0.0192301	0.0396830 ± 0.0168114	0.0369318 ± 0.0153933	1.9335330 ± 0.0328699
16D44885	21.0 %	0.0063497 ± 0.0002404	0.0378875 ± 0.0192301	0.0375314 ± 0.0168114	0.0392694 ± 0.0153933	1.9486415 ± 0.0328699

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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)
16D44832	1.8 %	0.0517226 ± 0.0003445	0.7533	EXP 150 of 150	26.445701 ± 0.019664	0.9848	EXP 150 of 150	1.5642541 ± 0.0173118	0.1865	EXP 150 of 150	97.3966770 ± 0.0203093	0.9991	EXP 150 of 150	84.6722181 ± 0.0206572	0.9991	EXP 150 of 150
16D44834	1.9 %	0.0398649 ± 0.0003456	0.7348	EXP 150 of 150	24.960311 ± 0.021005	0.9798	EXP 150 of 150	1.1056780 ± 0.0172072	0.1057	EXP 150 of 150	70.9440088 ± 0.0198072	0.9983	EXP 150 of 150	60.8811958 ± 0.0194180	0.9992	EXP 150 of 150
16D44835	2.0 %	0.0428713 ± 0.0003538	0.7165	EXP 150 of 150	29.892392 ± 0.018958	0.9885	EXP 150 of 150	0.9776917 ± 0.0168349	0.0933	EXP 150 of 150	64.1804575 ± 0.0198050	0.9979	EXP 150 of 150	55.6619956 ± 0.0197117	0.9991	EXP 150 of 150
16D44836	2.1 %	0.0448552 ± 0.0003430	0.7225	EXP 150 of 150	36.375266 ± 0.020047	0.9917	EXP 149 of 150	0.8865283 ± 0.0158951	0.0422	EXP 150 of 150	61.9761528 ± 0.0181458	0.9981	EXP 150 of 150	53.7739351 ± 0.0193586	0.9991	EXP 150 of 150
16D44838	2.2 %	0.0446255 ± 0.0002692	0.7729	EXP 150 of 150	33.058306 ± 0.021633	0.9878	EXP 150 of 150	0.6793235 ± 0.0161220	0.0313	EXP 150 of 150	48.5285507 ± 0.0184341	0.9968	EXP 150 of 150	43.8159654 ± 0.0207929	0.9989	EXP 150 of 150
16D44839	2.3 %	0.0536024 ± 0.0004053	0.5804	EXP 150 of 150	51.191110 ± 0.020671	0.9953	EXP 150 of 150	0.8282996 ± 0.0178959	0.0103	EXP 150 of 150	62.5126109 ± 0.0192483	0.9979	EXP 150 of 150	54.3686602 ± 0.0206015	0.9987	EXP 150 of 150
16D44840	2.4 %	0.0451512 ± 0.0003421	0.6575	EXP 150 of 150	43.508312 ± 0.019407	0.9943	EXP 150 of 150	0.6183159 ± 0.0181597	0.0103	EXP 150 of 150	48.5601508 ± 0.0201104	0.9961	EXP 150 of 150	42.6260894 ± 0.0217885	0.9987	EXP 150 of 150
16D44842	2.5 %	0.0436481 ± 0.0003539	0.6180	EXP 150 of 150	42.534719 ± 0.022413	0.9923	EXP 150 of 150	0.5709318 ± 0.0161482	0.0485	EXP 150 of 150	43.9775228 ± 0.0180652	0.9961	EXP 150 of 150	38.9312080 ± 0.0186389	0.9989	EXP 150 of 150
16D44843	2.6 %	0.0494549 ± 0.0003452	0.5645	EXP 150 of 150	37.911205 ± 0.020593	0.9915	EXP 150 of 150	0.4502043 ± 0.0177061	0.0174	EXP 149 of 150	37.1068583 ± 0.01913394	0.9939	EXP 150 of 150	36.5794967 ± 0.0191331	0.9988	EXP 150 of 150
16D44844	2.7 %	0.0438549 ± 0.0003360	0.6037	EXP 150 of 150	44.835327 ± 0.019784	0.9945	EXP 150 of 150	0.5085105 ± 0.0186287	0.0217	EXP 150 of 150	41.7258173 ± 0.0203887	0.9945	EXP 150 of 150	36.8274454 ± 0.0190469	0.9988	EXP 150 of 150
16D44846	2.8 %	0.0154939 ± 0.0002315	0.8475	EXP 150 of 150	10.856615 ± 0.018333	0.9202	EXP 149 of 150	0.1053036 ± 0.0169299	0.0000	EXP 150 of 150	10.7271226 ± 0.0167968	0.9344	EXP 150 of 150	10.8818316 ± 0.0183085	0.9991	EXP 150 of 150
16D44847	2.9 %	0.0197004 ± 0.0002422	0.8081	EXP 150 of 150	15.933010 ± 0.019581	0.9572	EXP 150 of 150	0.1449610 ± 0.019538	0.0006	EXP 150 of 150	15.0112533 ± 0.0153833	0.9738	EXP 150 of 150	14.4901437 ± 0.0180680	0.9990	EXP 150 of 150
16D44848	3.0 %	0.0629134 ± 0.0003929	0.3895	EXP 150 of 150	70.195855 ± 0.023046	0.9969	EXP 150 of 150	0.6923366 ± 0.0168343	0.0309	EXP 149 of 150	60.5560923 ± 0.0178178	0.9981	EXP 150 of 150	52.4970367 ± 0.0208894	0.9979	EXP 150 of 150
16D44850	3.2 %	0.0234698 ± 0.0002363	0.7890	EXP 150 of 150	19.721704 ± 0.020079	0.9707	EXP 150 of 150	0.2058026 ± 0.0176634	0.0051	EXP 150 of 150	17.5346870 ± 0.0195159	0.9711	EXP 150 of 150	16.7423135 ± 0.0176696	0.9989	EXP 150 of 150
16D44851	3.4 %	0.0290013 ± 0.0003140	0.6742	EXP 150 of 150	24.032000 ± 0.020467	0.9796	EXP 150 of 150	0.1952632 ± 0.0151038	0.0060	EXP 150 of 150	20.9057449 ± 0.0163680	0.9853	EXP 150 of 150	20.3220994 ± 0.0176217	0.9989	EXP 150 of 150
16D44852	3.6 %	0.0361781 ± 0.0002971	0.6821	EXP 150 of 150	38.450561 ± 0.021288	0.9911	EXP 150 of 150	0.3768719 ± 0.0172292	0.0259	EXP 150 of 150	32.4879746 ± 0.0188485	0.9925	EXP 150 of 150	29.0570127 ± 0.0209450	0.9982	EXP 150 of 150
16D44854	3.8 %	0.1012488 ± 0.0004811	0.1117	EXP 150 of 150	121.069413 ± 0.022421	0.9990	EXP 150 of 150	1.1753760 ± 0.0162800	0.1279	EXP 150 of 150	99.1730548 ± 0.0206874	0.9991	EXP 150 of 150	84.8629504 ± 0.0200947	0.9959	EXP 150 of 150
16D44855	4.0 %	0.0452618 ± 0.0003298	0.5879	EXP 150 of 150	25.484452 ± 0.021908	0.9775	EXP 150 of 150	0.2072281 ± 0.0174517	0.0033	EXP 150 of 150	21.6188280 ± 0.0184635	0.9818	EXP 150 of 150	26.0220693 ± 0.0195882	0.9983	EXP 150 of 150
16D44856	4.3 %	0.0308135 ± 0.0002755	0.7007	EXP 149 of 150	31.219261 ± 0.019908	0.9882	EXP 150 of 150	0.2673298 ± 0.0165520	0.0059	EXP 148 of 150	25.7557640 ± 0.0177614	0.9888	EXP 150 of 150	23.2780336 ± 0.0185804	0.9985	EXP 150 of 150
16D44858	4.6 %	0.0526746 ± 0.0003741	0.4641	EXP 150 of 150	60.464707 ± 0.023746	0.9956	EXP 150 of 150	0.5582518 ± 0.0149288	0.0250	EXP 150 of 150	49.0092416 ± 0.0178502	0.9971	EXP 150 of 150	42.5593750 ± 0.0187085	0.9979	EXP 150 of 150
16D44859	4.9 %	0.1376782 ± 0.0005693	0.0004	EXP 150 of 150	170.647686 ± 0.027871	0.9992	EXP 150 of 150	1.6491761 ± 0.0161906	0.3027	EXP 150 of 150	135.6844202 ± 0.0236988	0.9993	EXP 150 of 150	114.9026264 ± 0.0238169	0.9872	EXP 150 of 150
16D44860	5.2 %	0.0555078 ± 0.0003850	0.4785	EXP 150 of 150	65.785115 ± 0.019142	0.9975	EXP 150 of 150	0.5896698 ± 0.0153993	0.0285	EXP 150 of 150	52.0456612 ± 0.0194467	0.9969	EXP 150 of 150	45.0972316 ± 0.0223092	0.9971	EXP 150 of 150
16D44862	5.5 %	0.0301732 ± 0.0002831	0.6392	EXP 150 of 150	30.872939 ± 0.019764	0.9877	EXP 150 of 150	0.2578525 ± 0.0151599	0.0099	EXP 150 of 150	24.1664054 ± 0.0172535	0.9879	EXP 150 of 150	21.9030795 ± 0.0184356	0.9984	EXP 150 of 150
16D44863	5.8 %	0.0597121 ± 0.0004169	0.3590	EXP 150 of 150	64.315426 ± 0.022472	0.9965	EXP 150 of 150	0.5285123 ± 0.0169373	0.0029	EXP 150 of 150	48.5091936 ± 0.0187981	0.9966	EXP 150 of 150	43.7942097 ± 0.0195348	0.9975	EXP 150 of 150
16D44864	6.2 %	0.0389166 ± 0.0003149	0.5824	EXP 150 of 150	43.630805 ± 0.019420	0.9943	EXP 150 of 150	0.3482315 ± 0.0174830	0.0003	EXP 150 of 150	32.4820400 ± 0.0174674	0.9934	EXP 150 of 150	29.0428419 ± 0.0215366	0.9975	EXP 150 of 150
16D44866	6.6 %	0.1076290 ± 0.0005076	0.0429	EXP 150 of 150	117.041477 ± 0.025542	0.9986	EXP 150 of 150	0.9692568 ± 0.0162925	0.0778	EXP 150 of 150	82.8399739 ± 0.0205241	0.9987	EXP 150 of 150	75.4421995 ± 0.0202357	0.9949	EXP 150 of 150
16D44867	7.0 %	0.0327673 ± 0.0002805	0.6745	EXP 150 of 150	34.427599 ± 0.020001	0.9902	EXP 150 of 150	0.2541999 ± 0.0155797	0.0095	EXP 150 of 150	23.4782655 ± 0.0189020	0.9845	EXP 150 of 150	21.7790631 ± 0.0188301	0.9982	EXP 150 of 150
16D44868	7.6 %	0.0587474 ± 0.0003973	0.3531	EXP 150 of 150	66.982474 ± 0.021654	0.9970	EXP 150 of 150	0.4489235 ± 0.0167243	0.0000	EXP 150 of 150	43.0514851 ± 0.0186496	0.9958	EXP 150 of 150	38.7031346 ± 0.0181084	0.9979	EXP 150 of 150
16D44870	8.2 %	0.0569677 ± 0.0003934	0.2686	EXP 150 of 150	63.254901 ± 0.020282	0.9971	EXP 150 of 150	0.4093594 ± 0.0170559	0.0119	EXP 150 of 150	37.8871402 ± 0.0183647	0.9946	EXP 150 of 150	34.7869129 ± 0.0200985	0.9974	EXP 150 of 150
16D44871	8.9 %	0.0516003 ± 0.0003663	0.3445	EXP 150 of 150	56.683140 ± 0.020397	0.9963	EXP 150 of 150	0.3219369 ± 0.0162426	0.0026	EXP 150 of 150	31.1185354 ± 0.0169764	0.9933	EXP 150 of 150	29.0901654 ± 0.0211973	0.9973	EXP 150 of 150
16D44872	9.6 %	0.0396504 ± 0.0003266	0.5270	EXP 150 of 150	41.554351 ± 0.021230	0.9923	EXP 150 of 150	0.2203309 ± 0.0148683	0.0200	EXP 150 of 150	21.0047397 ± 0.0161853	0.9858	EXP 150 of 150	20.6290244 ± 0.0173574	0.9984	EXP 150 of 150
16D44874	10.4 %	0.0396314 ± 0.0003093	0.5082	EXP 150 of 150	40.704795 ± 0.021366	0.9923	EXP 150 of 150	0.2137554 ± 0.0156612	0.0069	EXP 150 of 150	18.8994517 ± 0.0171247	0.9802	EXP 150 of 150	19.0104042 ± 0.0173334	0.9983	EXP 150 of 150
16D44875	11.2 %	0.0385178 ± 0.0003266	0.5417	EXP 150 of 150	38.236078 ± 0.021370	0.9909	EXP 150 of 150	0.1702749 ± 0.0175610	0.0000	EXP 150 of 150	16.0452623 ± 0.0175409	0.9712	EXP 150 of 150	16.8521178 ± 0.0189338	0.9980	EXP 150 of 150
16D44876	12.2 %	0.0974568 ± 0.0004573	0.0022	EXP 150 of 150	104.915380 ± 0.025103	0.9984	EXP 150 of 150	0.3443733 ± 0.0170640	0.0153	EXP 150 of 150	27.0831736 ± 0.0166040	0.9912	EXP 150 of 150	29.2105592 ± 0.0181524	0.9981	EXP 150 of 150
16D44878	13.4 %	0.0543010 ± 0.0003953	0.2746	EXP 150 of 150	52.713863 ± 0.021875	0.9951	EXP 150 of 150	0.1054394 ± 0.0181412	0.0001	EXP 150 of 150	10.3672494 ± 0.0176929	0.9217	EXP 150 of 150	14.0168877 ± 0.0176300	0.9984	EXP 150 of 150
16D44879	14.6 %	0.0531988 ± 0.0003534	0.3091	EXP 149 of 150	49.409155 ± 0.021576	0.9946	EXP 150 of 150	0.0682693 ± 0.0179925	0.0059	EXP 149 of 150	8.1435918 ± 0.0151621	0.9043	EXP 150 of 150	12.5916333 ± 0.0181900	0.9983	EXP 150 of 150
16D44880	16.0 %	0.0470988 ± 0.0003868	0.3585	EXP 150 of 150	47.029383 ± 0.022092	0.9937	EXP 150 of 150	0.0773116 ± 0.0161830	0.0192	EXP 150 of 150	5.3754900 ± 0.0162963	0.7387	EXP 150 of 150	9.1788604 ± 0.0191284	0.9982	EXP 150 of 150
16D44882	17.6 %	0.0428848 ± 0.0003182	0.4532	EXP 149 of 150	45.275224 ± 0.020710	0.9939	EXP 150 of 150	0.0353169 ± 0.0157215	0.0005	EXP 149 of 150	3.3798566 ± 0.0168995	0.4476	EXP 150 of 150	6.7761526 ± 0.0155082	0.9988	EXP 150 of 150
16D44883	19.3 %	0.0349327 ± 0.0003024	0.6012	EXP 150 of 150	35.030147 ± 0.020426	0.9904	EXP 150 of 150	0.0066265 ± 0.0168041	0.0017	EXP 150 of 150	2.1057268 ± 0.0163890	0.2131	EXP 150 of 150	5.4358188 ± 0.0168435	0.9986	EXP 150 of 150
16D44885	21.0 %	0.0355805 ± 0.0003199	0.4877	EXP 150 of 150	34.446668 ± 0.020298	0.9900	EXP 150 of 150	0.0097205 ± 0.0170542	0.0013	EXP 150 of 150	1.7001683 ± 0.0156062	0.0696	EXP 150 of 150	5.4691877 ± 0.0171955	0.9985	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
16D44832	1.8 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44834	1.9 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44835	2.0 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44836	2.1 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44838	2.2 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44839	2.3 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44840	2.4 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44842	2.5 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44843	2.6 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44844	2.7 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44846	2.8 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44847	2.9 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44848	3.0 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44850	3.2 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44851	3.4 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44852	3.6 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44854	3.8 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44855	4.0 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44856	4.3 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44858	4.6 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44859	4.9 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44860	5.2 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44862	5.5 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44863	5.8 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44864	6.2 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44866	6.6 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44867	7.0 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44868	7.6 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44870	8.2 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44871	8.9 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44872	9.6 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44874	10.4 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44875	11.2 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44876	12.2 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44878	13.4 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44879	14.6 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44880	16.0 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44882	17.6 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44883	19.3 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01
16D44885	21.0 %	Dan Miggins	16-OSU-10	0.00	0.00	19.87	Oregon\McClaghry (15-17)	16D44828	01

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
16D44832	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	0	0	0	0.43	0	0	0	0	0	0
16D44834	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	0	0	0	0.43	0	0	0	0	0	0
16D44835	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	0	0	0	0.43	0	0	0	0	0	0
16D44836	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	0	0	0	0.43	0	0	0	0	0	0
16D44838	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	0	0	0	0.43	0	0	0	0	0	0
16D44839	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	0	0	0	0.43	0	0	0	0	0	0
16D44840	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	0	0	0	0.43	0	0	0	0	0	0
16D44842	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	0	0	0	0.43	0	0	0	0	0	0
16D44843	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	0	0	0	0.43	0	0	0	0	0	0
16D44844	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	0	0	0	0.43	0	0	0	0	0	0
16D44846	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	0	0	0	0.43	0	0	0	0	0	0
16D44847	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	0	0	0	0.43	0	0	0	0	0	0
16D44848	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	0	0	0	0.43	0	0	0	0	0	0
16D44850	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	0	0	0	0.43	0	0	0	0	0	0
16D44851	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	0	0	0	0.43	0	0	0	0	0	0
16D44852	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	0	0	0	0.43	0	0	0	0	0	0
16D44854	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	0	0	0	0.43	0	0	0	0	0	0
16D44855	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	0	0	0	0.43	0	0	0	0	0	0
16D44856	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	0	0	0	0.43	0	0	0	0	0	0
16D44858	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	0	0	0	0.43	0	0	0	0	0	0
16D44859	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	0	0	0	0.43	0	0	0	0	0	0
16D44860	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	0	0	0	0.43	0	0	0	0	0	0
16D44862	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	0	0	0	0.43	0	0	0	0	0	0
16D44863	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	0	0	0	0.43	0	0	0	0	0	0
16D44864	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	0	0	0	0.43	0	0	0	0	0	0
16D44866	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	0	0	0	0.43	0	0	0	0	0	0
16D44867	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	0	0	0	0.43	0	0	0	0	0	0
16D44868	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	0	0	0	0.43	0	0	0	0	0	0
16D44870	8.2 %	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	0	0	0	0.43	0	0	0	0	0	0
16D44871	8.9 %	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	0	0	0	0.43	0	0	0	0	0	0
16D44872	9.6 %	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	0	0	0	0.43	0	0	0	0	0	0
16D44874	10.4 %	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	0	0	0	0.43	0	0	0	0	0	0
16D44875	11.2 %	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	0	0	0	0.43	0	0	0	0	0	0
16D44876	12.2 %	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	0	0	0	0.43	0	0	0	0	0	0
16D44878	13.4 %	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	0	0	0	0.43	0	0	0	0	0	0
16D44879	14.6 %	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	0	0	0	0.43	0	0	0	0	0	0
16D44880	16.0 %	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	0	0	0	0.43	0	0	0	0	0	0
16D44882	17.6 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32																										

16D44828.AGE >>> 172-DFWJ-15 >>> OREGON | MCCLAUGHRY (15-17) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

3.72 ± 0.01

TOTAL FUSION

3.68 ± 0.01

NORMAL ISOCHRON

3.72 ± 0.02

INVERSE ISOCHRON

3.71 ± 0.02

MSWD (PROBABILITY)

1.45 (7%)

Sample Info

Groundmass

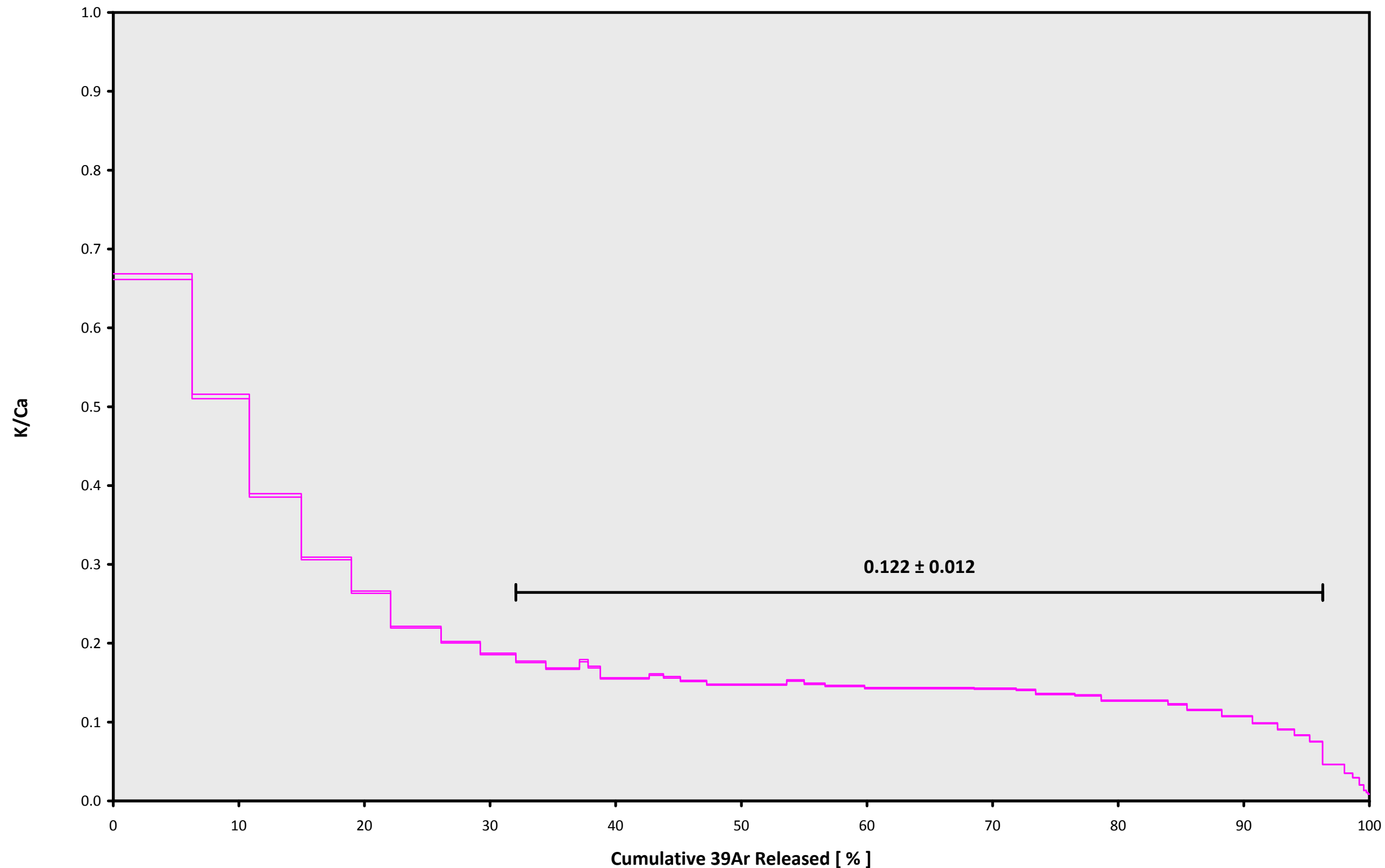
Dufur

Dan Miggins

IRR = 16-OSU-10 (10C11-16)

J = $0.00270829 \pm 0.00000360$

16D44828.AGE >>> 172-DFWJ-15 >>> OREGON | MCCLAUGHRY (15-17) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

3.72 ± 0.01

TOTAL FUSION

3.68 ± 0.01

NORMAL ISOCHRON

3.72 ± 0.02

INVERSE ISOCHRON

3.71 ± 0.02

Sample Info

Groundmass

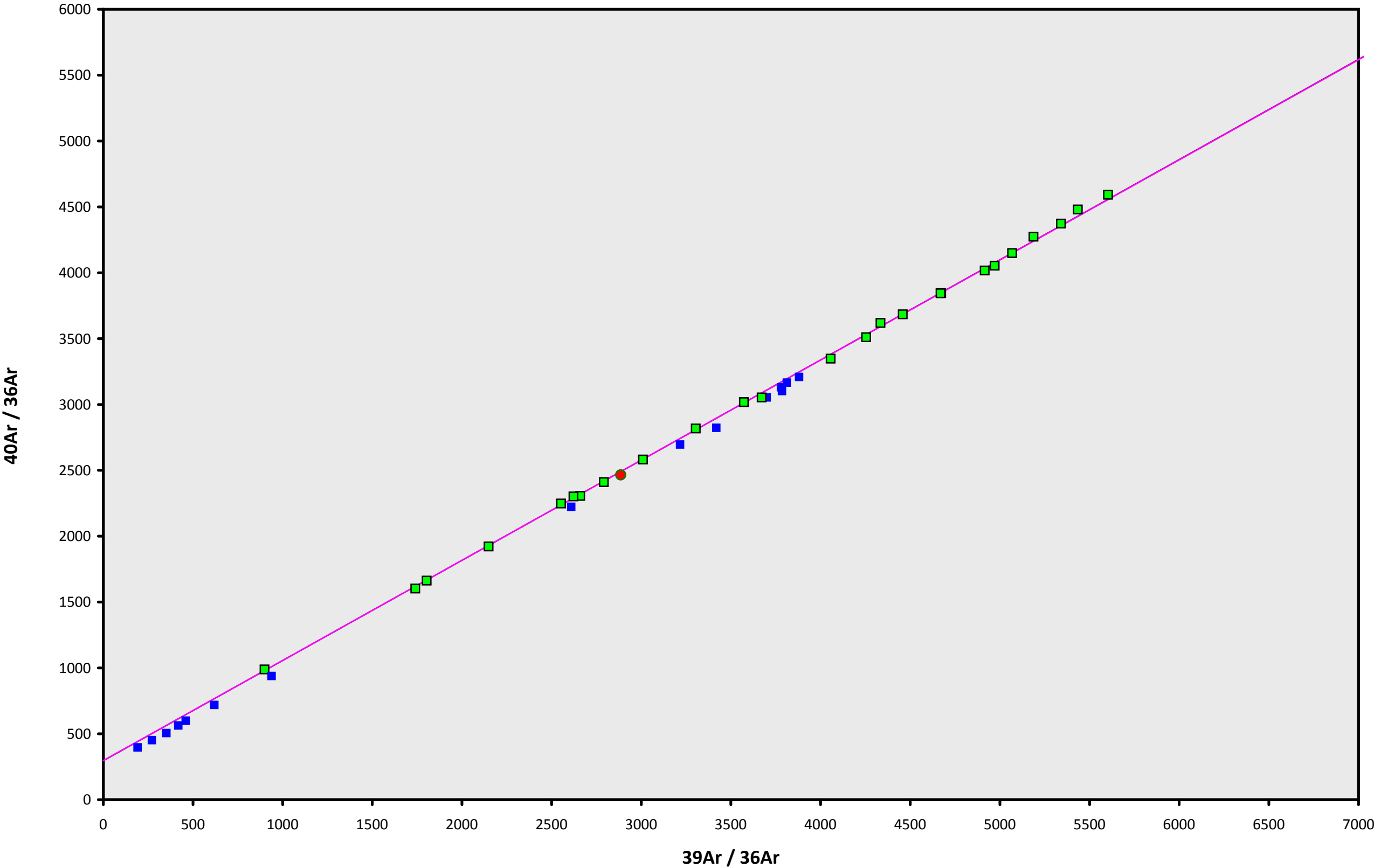
Dufur

Dan Miggins

IRR = 16-OSU-10 (10C11-16)

$J = 0.00270829 \pm 0.00000360$

16D44828.AGE >>> 172-DFWJ-15 >>> OREGON | MCCLAUGHRY (15-17) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

3.72 ± 0.01

TOTAL FUSION

3.68 ± 0.01

NORMAL ISOCHRON

3.72 ± 0.02

INVERSE ISOCHRON

3.71 ± 0.02

MSWD (PROBABILITY)

1.46 (7%)

40AR/36AR INTERCEPT

297.2 ± 13.8

Sample Info

Groundmass

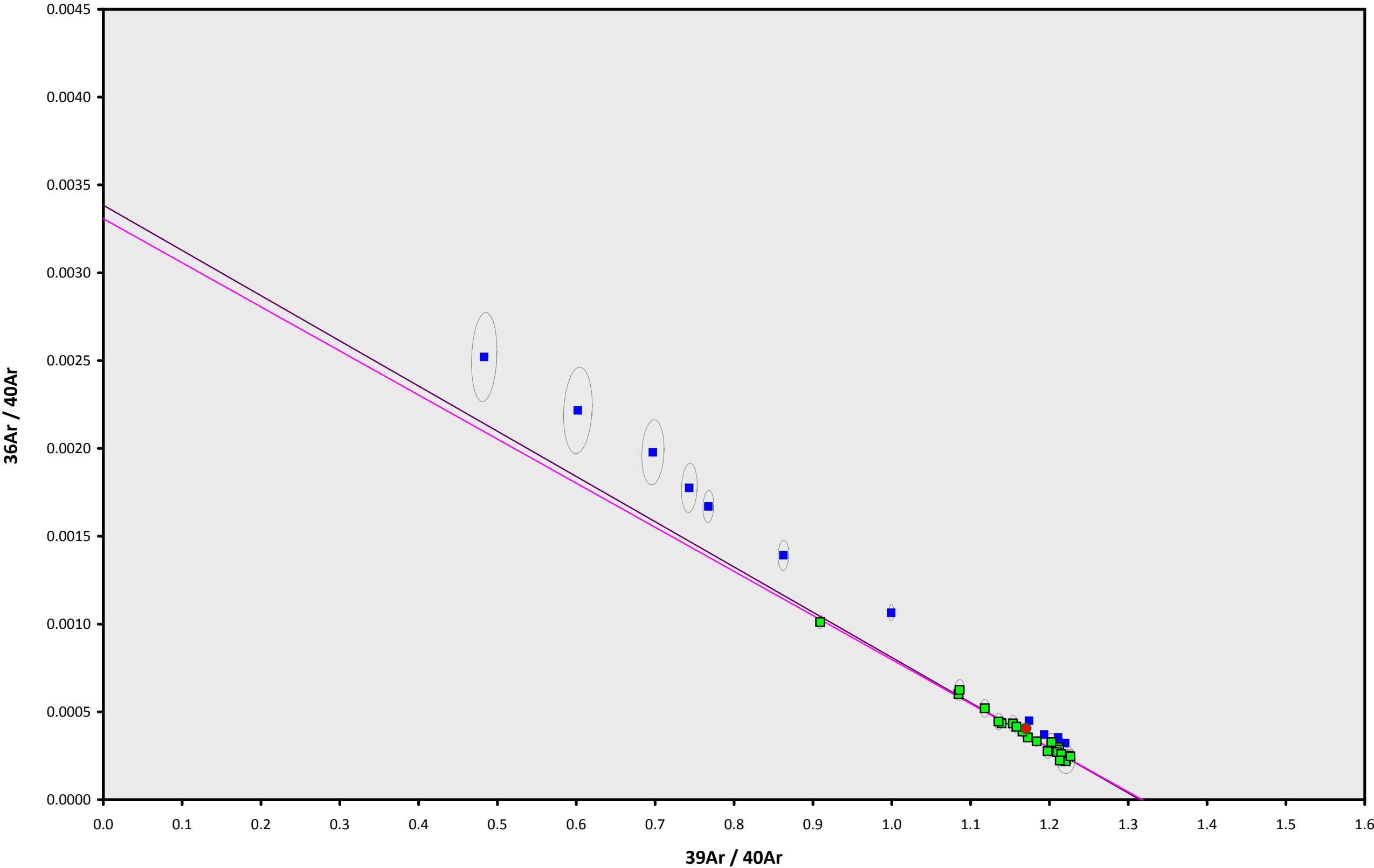
Dufur

Dan Miggins

IRR = 16-OSU-10 (10C11-16)

$J = 0.00270829 \pm 0.00000360$

16D44828.AGE >>> 172-DFWJ-15 >>> OREGON | MCCLAUGHRY (15-17) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

3.72 ± 0.01

TOTAL FUSION

3.68 ± 0.01

NORMAL ISOCHRON

3.72 ± 0.02

INVERSE ISOCHRON

3.71 ± 0.02

MSWD (PROBABILITY)

1.45 (8%)

SPREADING FACTOR

24.1%

40AR/36AR INTERCEPT

302.3 ± 13.8

Sample Info

Groundmass

Dufur

Dan Miggins

IRR = 16-OSU-10 (10C11-16)

$J = 0.00270829 \pm 0.00000360$