

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
16D44937	1.8 %	0.0971598	0.627	17.2931	0.452	0.264324	9.076	15.9879	0.164	33.1119	0.113	0.35691 ± 0.02308	1.74 ± 0.11	17.22	0.58	0.397 ± 0.004
16D44939	1.9 %	0.1098772	0.613	22.7180	0.369	0.341692	7.468	21.1684	0.131	39.1750	0.097	0.39779 ± 0.01919	1.94 ± 0.09	21.48	0.76	0.400 ± 0.003
16D44940	2.0 %	0.0724702	0.662	17.1591	0.440	0.227508	10.614	16.0623	0.158	26.6683	0.142	0.40762 ± 0.01836	1.99 ± 0.09	24.53	0.58	0.402 ± 0.004
16D44941	2.1 %	0.0481610	0.966	12.5897	0.555	0.213520	10.929	12.3929	0.205	18.6445	0.197	0.43259 ± 0.02307	2.11 ± 0.11	28.73	0.45	0.423 ± 0.005
16D44943	2.2 %	0.0563157	0.863	15.9979	0.473	0.241864	9.745	15.4780	0.166	22.3492	0.165	0.44666 ± 0.01924	2.18 ± 0.09	30.91	0.56	0.416 ± 0.004
16D44944	2.3 %	0.0602008	0.836	19.8146	0.405	0.300353	7.990	18.8695	0.143	25.3477	0.151	0.47978 ± 0.01636	2.34 ± 0.08	35.69	0.68	0.409 ± 0.004
16D44945	2.4 %	0.0582952	0.798	20.7277	0.391	0.276638	9.069	19.9223	0.135	25.3827	0.145	0.48784 ± 0.01438	2.38 ± 0.07	38.26	0.72	0.413 ± 0.003
16D44947	2.5 %	0.0386493	1.052	14.7063	0.505	0.238516	10.274	14.7625	0.171	17.6904	0.216	0.49968 ± 0.01720	2.43 ± 0.08	41.67	0.53	0.431 ± 0.005
16D44948	2.6 %	0.0399536	1.051	17.3245	0.430	0.267635	8.864	17.2377	0.152	19.4373	0.194	0.51838 ± 0.01515	2.53 ± 0.07	45.94	0.62	0.428 ± 0.004
16D44949	2.7 %	0.0507676	0.910	25.8930	0.341	0.327517	6.786	23.7102	0.124	25.6006	0.147	0.52955 ± 0.01204	2.58 ± 0.06	49.01	0.85	0.393 ± 0.003
16D44951	2.8 %	0.0479995	0.867	25.6477	0.354	0.333294	7.098	24.5792	0.118	25.5201	0.146	0.53991 ± 0.01057	2.63 ± 0.05	51.96	0.89	0.412 ± 0.003
16D44952	2.9 %	0.0270706	1.390	16.2508	0.466	0.216668	11.484	16.3217	0.156	15.8313	0.234	0.55477 ± 0.01450	2.70 ± 0.07	57.16	0.59	0.432 ± 0.004
16D44953	3.0 %	0.0359300	1.122	22.7048	0.371	0.273970	8.704	21.8912	0.131	21.2398	0.173	0.56343 ± 0.01151	2.75 ± 0.06	58.03	0.79	0.414 ± 0.003
16D44955	3.2 %	0.0247089	1.451	17.5380	0.433	0.213013	11.573	17.4523	0.149	15.9766	0.234	0.57272 ± 0.01302	2.79 ± 0.06	62.52	0.63	0.428 ± 0.004
16D44956	3.4 %	0.0549375	0.829	40.4203	0.287	0.440648	5.277	36.0808	0.094	33.6041	0.112	0.56619 ± 0.00785	2.76 ± 0.04	60.75	1.30	0.384 ± 0.002
16D44957	3.6 %	0.0517406	0.915	43.5361	0.277	0.472681	5.081	38.0894	0.092	33.7149	0.110	0.57031 ± 0.00770	2.78 ± 0.04	64.38	1.37	0.376 ± 0.002
16D44959	3.8 %	0.0673998	0.788	64.0251	0.263	0.653420	3.649	52.2609	0.083	45.2402	0.084	0.57763 ± 0.00629	2.81 ± 0.03	66.67	1.88	0.351 ± 0.002
16D44960	4.0 %	0.0600229	0.846	66.2063	0.263	0.642926	3.656	52.3967	0.082	42.8081	0.088	0.57459 ± 0.00602	2.80 ± 0.03	70.27	1.89	0.340 ± 0.002
16D44961	4.3 %	0.0602758	0.782	72.7474	0.258	0.645441	3.804	54.7710	0.082	43.6795	0.085	0.57351 ± 0.00540	2.79 ± 0.03	71.85	1.97	0.323 ± 0.002
16D44963	4.6 %	0.0511819	0.849	69.0706	0.259	0.612034	3.916	50.7582	0.084	39.2284	0.094	0.57868 ± 0.00540	2.82 ± 0.03	74.81	1.83	0.316 ± 0.002
16D44964	4.9 %	0.0915603	0.679	138.6077	0.246	1.022790	2.359	88.0302	0.074	67.3190	0.058	0.57808 ± 0.00442	2.82 ± 0.02	75.51	3.17	0.273 ± 0.001
16D44965	5.2 %	0.0717202	0.761	121.2226	0.247	0.840539	2.981	73.6318	0.077	53.7846	0.073	0.56899 ± 0.00466	2.77 ± 0.02	77.81	2.65	0.261 ± 0.001
16D44967	5.5 %	0.0843863	0.724	152.1183	0.245	0.980367	2.487	84.0315	0.075	60.8070	0.065	0.56620 ± 0.00456	2.76 ± 0.02	78.15	3.03	0.237 ± 0.001
16D44968	5.8 %	0.1026713	0.620	200.9496	0.243	1.175831	2.073	99.3848	0.073	71.0141	0.053	0.56533 ± 0.00406	2.75 ± 0.02	79.01	3.58	0.212 ± 0.001
16D44969	6.2 %	0.0988022	0.646	207.4847	0.243	1.153772	2.107	95.0410	0.073	66.5458	0.057	0.56179 ± 0.00426	2.74 ± 0.02	80.12	3.42	0.197 ± 0.001
16D44971	6.6 %	0.0981404	0.642	215.5673	0.243	1.080522	2.375	91.9928	0.075	63.4793	0.061	0.55626 ± 0.00436	2.71 ± 0.02	80.48	3.31	0.183 ± 0.001
16D44972	7.0 %	0.1052819	0.573	236.6678	0.242	1.091474	2.276	94.3589	0.074	64.9315	0.059	0.55292 ± 0.00412	2.69 ± 0.02	80.21	3.40	0.171 ± 0.001
16D44973	7.6 %	0.1262701	0.551	288.3334	0.242	1.260774	1.933	107.0654	0.073	73.8355	0.053	0.55023 ± 0.00418	2.68 ± 0.02	79.64	3.85	0.159 ± 0.001
16D44975	8.2 %	0.1583584	0.513	364.8627	0.242	1.571311	1.541	129.5371	0.071	89.2869	0.043	0.54690 ± 0.00405	2.66 ± 0.02	79.19	4.66	0.152 ± 0.001
16D44976	8.9 %	0.1613757	0.513	366.9871	0.241	1.654569	1.596	132.4567	0.071	91.1365	0.043	0.54326 ± 0.00403	2.65 ± 0.02	78.81	4.77	0.155 ± 0.001
16D44977	9.6 %	0.1643144	0.542	350.7403	0.242	1.685987	1.441	136.1214	0.071	95.0907	0.042	0.54176 ± 0.00416	2.64 ± 0.02	77.42	4.90	0.167 ± 0.001
16D44979	10.4 %	0.1454444	0.531	301.9441	0.242	1.672042	1.369	128.4592	0.072	88.9685	0.045	0.54003 ± 0.00385	2.63 ± 0.02	77.85	4.62	0.183 ± 0.001
16D44980	11.2 %	0.1385671	0.536	261.6792	0.242	1.634226	1.456	124.5554	0.072	87.5565	0.045	0.53650 ± 0.00379	2.61 ± 0.02	76.21	4.48	0.204 ± 0.001
16D44981	12.2 %	0.1391989	0.534	237.2997	0.243	1.675015	1.458	127.8487	0.072	91.3925	0.044	0.53605 ± 0.00368	2.61 ± 0.02	74.89	4.60	0.231 ± 0.001
16D44983	13.4 %	✓ 0.1526821	0.518	224.3550	0.243	1.814905	1.358	135.2830	0.071	99.3168	0.038	0.52794 ± 0.00366	2.57 ± 0.02	71.83	4.87	0.259 ± 0.001
16D44984	14.6 %	✓ 0.1534194	0.522	206.9856	0.244	1.895862	1.251	135.9835	0.071	101.5455	0.038	0.52990 ± 0.00368	2.58 ± 0.02	70.89	4.90	0.282 ± 0.001
16D44985	16.0 %	✓ 0.1589676	0.553	187.1779	0.244	1.900105	1.281	133.4410	0.072	103.2903	0.038	0.52913 ± 0.00407	2.58 ± 0.02	68.29	4.81	0.306 ± 0.002
16D44987	17.6 %	✓ 0.1503365	0.494	169.3867	0.245	1.748414	1.329	124.9468	0.072	97.5698	0.041	0.52872 ± 0.00371	2.58 ± 0.02	67.65	4.50	0.317 ± 0.002
16D44988	19.3 %	✓ 0.1374539	0.544	152.0557	0.245	1.534496	1.635	107.1956	0.073	84.6897	0.047	0.51948 ± 0.00431	2.53 ± 0.02	65.69	3.86	0.303 ± 0.002
16D44990	21.0 %	✓ 0.1196342	0.576	135.6790	0.246	1.289384	1.856	87.1354	0.075	70.3213	0.057	0.52063 ± 0.00489	2.54 ± 0.02	64.44	3.14	0.276 ± 0.001

Σ 3.6717032 0.106 5142.4757 0.051 35.886046 0.427 2776.6930 0.014 2192.1322 0.011

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 = 159-DFWJ-15 Material = Groundmass Location = Dufur Region = Central Cordillera of ... Analyst = Dan Miggins Irradiation = 16-OSU-10 (10C13-16) Position = X: 0 Y: 0 Z/H: 23.55587 mm FCT-NM Age = 28.201 ± 0.023 Ma FCT-NM Reference = Kuiper et al (2008) FCT-NM 40Ar/39Ar Ratio = 5.82938 ± 0.00769 FCT-NM J-value = 0.00269624 ± 0.00000356 Air Shot 40Ar/36Ar = 305.5880 ± 0.4523 Air Shot MDF = 0.99173639 ± 0.00067635 (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 = 20.9 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		0.52665 ± 0.00353 ± 0.67%	2.57 ± 0.02 ± 0.72%	4.70 0%	26.08 6	0.288 ± 0.018	
	Error Mean		Full External Error ± 0.06 Analytical Error ± 0.02	2.26 2.1668						2σ Confidence Limit Error Magnification
	Total Fusion Age		0.54134 ± 0.00088 ± 0.16%	2.64 ± 0.01 ± 0.31%	Full External Error ± 0.06 Analytical Error ± 0.00	40	0.232 ± 0.000			
	Normal Isochron		266.21 ± 29.01 ± 10.90%	0.55018 ± 0.02356 ± 4.28%	2.68 ± 0.11 ± 4.29%	3.26 1%	26.08 6	2σ Confidence Limit Error Magnification Number of Iterations Convergence		
	Error Chron								2.41 1.8065	
										32 0.0000053940
	Inverse Isochron		266.58 ± 29.33 ± 11.00%	0.54998 ± 0.02358 ± 4.29%	2.68 ± 0.12 ± 4.29%	3.25 1%	26.08 6	2σ Confidence Limit Error Magnification Number of Iterations Convergence Spreading Factor		
	Error Chron								2.41 1.8031	
										3 0.0003177839
						7%				

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
16D44937	1.8 %	0.0925509	17.2931	0.0535754	15.9762	5.7021	1.74 ± 0.11	17.22	0.58	0.397 ± 0.004
16D44939	1.9 %	0.1038227	22.7180	0.0661638	21.1531	8.4145	1.94 ± 0.09	21.48	0.76	0.400 ± 0.003
16D44940	2.0 %	0.0678993	17.1591	0.0204795	16.0507	6.5427	1.99 ± 0.09	24.53	0.58	0.402 ± 0.004
16D44941	2.1 %	0.0448046	12.5897	0.0552450	12.3844	5.3574	2.11 ± 0.11	28.73	0.45	0.423 ± 0.005
16D44943	2.2 %	0.0520523	15.9979	0.0449017	15.4672	6.9086	2.18 ± 0.09	30.91	0.56	0.416 ± 0.004
16D44944	2.3 %	0.0549198	19.8146	0.0618080	18.8561	9.0468	2.34 ± 0.08	35.69	0.68	0.409 ± 0.004
16D44945	2.4 %	0.0527737	20.7277	0.0257696	19.9083	9.7120	2.38 ± 0.07	38.26	0.72	0.413 ± 0.003
16D44947	2.5 %	0.0347292	14.7063	0.0534814	14.7525	7.3715	2.43 ± 0.08	41.67	0.53	0.431 ± 0.005
16D44948	2.6 %	0.0353364	17.3245	0.0525408	17.2260	8.9295	2.53 ± 0.07	45.94	0.62	0.428 ± 0.004
16D44949	2.7 %	0.0438700	25.8930	0.0324119	23.6927	12.5464	2.58 ± 0.06	49.01	0.85	0.393 ± 0.003
16D44951	2.8 %	0.0411676	25.6477	0.0282539	24.5619	13.2612	2.63 ± 0.05	51.96	0.89	0.412 ± 0.003
16D44952	2.9 %	0.0227420	16.2508	0.0150171	16.3107	9.0487	2.70 ± 0.07	57.16	0.59	0.432 ± 0.004
16D44953	3.0 %	0.0298834	22.7048	0.0035659	21.8759	12.3256	2.75 ± 0.06	58.03	0.79	0.414 ± 0.003
16D44955	3.2 %	0.0200385	17.5380	0.0000000	17.4405	9.9885	2.79 ± 0.06	62.52	0.63	0.428 ± 0.004
16D44956	3.4 %	0.0441736	40.4203	0.0000000	36.0535	20.4130	2.76 ± 0.04	60.75	1.30	0.384 ± 0.002
16D44957	3.6 %	0.0401467	43.5361	0.0041519	38.0600	21.7060	2.78 ± 0.04	64.38	1.37	0.376 ± 0.002
16D44959	3.8 %	0.0503491	64.0251	0.0111818	52.2177	30.1624	2.81 ± 0.03	66.67	1.88	0.351 ± 0.002
16D44960	4.0 %	0.0423922	66.2063	0.0004025	52.3520	30.0811	2.80 ± 0.03	70.27	1.89	0.340 ± 0.002
16D44961	4.3 %	0.0409031	72.7474	0.0000000	54.7219	31.3835	2.79 ± 0.03	71.85	1.97	0.323 ± 0.002
16D44963	4.6 %	0.0327884	69.0706	0.0000000	50.7115	29.3456	2.82 ± 0.03	74.81	1.83	0.316 ± 0.002
16D44964	4.9 %	0.0546490	138.6077	0.0000000	87.9366	50.8341	2.82 ± 0.02	75.51	3.17	0.273 ± 0.001
16D44965	5.2 %	0.0394386	121.2226	0.0000000	73.5499	41.8493	2.77 ± 0.02	77.81	2.65	0.261 ± 0.001
16D44967	5.5 %	0.0438772	152.1183	0.0000000	83.9287	47.5204	2.76 ± 0.02	78.15	3.03	0.237 ± 0.001
16D44968	5.8 %	0.0491585	200.9496	0.0000000	99.2490	56.1083	2.75 ± 0.02	79.01	3.58	0.212 ± 0.001
16D44969	6.2 %	0.0435490	207.4847	0.0000000	94.9009	53.3143	2.74 ± 0.02	80.12	3.42	0.197 ± 0.001
16D44971	6.6 %	0.0407348	215.5673	0.0000000	91.8471	51.0910	2.71 ± 0.02	80.48	3.31	0.183 ± 0.001
16D44972	7.0 %	0.0422573	236.6678	0.0000000	94.1990	52.0844	2.69 ± 0.02	80.21	3.40	0.171 ± 0.001
16D44973	7.6 %	0.0494869	288.3334	0.0000000	106.8706	58.8035	2.68 ± 0.02	79.64	3.85	0.159 ± 0.001
16D44975	8.2 %	0.0611955	364.8627	0.0000000	129.2906	70.7093	2.66 ± 0.02	79.19	4.66	0.152 ± 0.001
16D44976	8.9 %	0.0636452	366.9871	0.0257208	132.2087	71.8239	2.65 ± 0.02	78.81	4.77	0.155 ± 0.001
16D44977	9.6 %	0.0709113	350.7403	0.0127251	135.8844	73.6169	2.64 ± 0.02	77.42	4.90	0.167 ± 0.001
16D44979	10.4 %	0.0650300	301.9441	0.0951702	128.2552	69.2618	2.63 ± 0.02	77.85	4.62	0.183 ± 0.001
16D44980	11.2 %	0.0688745	261.6792	0.1061664	124.3786	66.7286	2.61 ± 0.02	76.21	4.48	0.204 ± 0.001
16D44981	12.2 %	0.0759984	237.2997	0.1075543	127.6884	68.4468	2.61 ± 0.02	74.89	4.60	0.231 ± 0.001
16D44983	13.4 %	✓ 0.0929254	224.3550	0.1556623	135.1314	71.3408	2.57 ± 0.02	71.83	4.87	0.259 ± 0.001
16D44984	14.6 %	✓ 0.0982831	206.9856	0.2282965	135.8436	71.9835	2.58 ± 0.02	70.89	4.90	0.282 ± 0.001
16D44985	16.0 %	✓ 0.1091037	187.1779	0.2623673	133.3145	70.5405	2.58 ± 0.02	68.29	4.81	0.306 ± 0.002
16D44987	17.6 %	✓ 0.1052137	169.3867	0.2147297	124.8324	66.0019	2.58 ± 0.02	67.65	4.50	0.317 ± 0.002
16D44988	19.3 %	✓ 0.0969462	152.0557	0.2170250	107.0928	55.6327	2.53 ± 0.02	65.69	3.86	0.303 ± 0.002
16D44990	21.0 %	✓ 0.0834876	135.6790	0.2168153	87.0437	45.3179	2.54 ± 0.02	64.44	3.14	0.276 ± 0.001

Σ 2.3021095 5142.4757 2.1711832 2773.2187 1501.2568

Information on Analysis	Results	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Project = MCCLAUGHRY (15-17) Sample = 159-DFWJ-15 Material = Groundmass Location = Dufur Region = Central Cordillera of ... Analyst = Dan Miggins Irradiation = 16-OSU-10 (10C13-16) J = 0.00269624 ± 0.00000356 FCT-NM = 28.201 ± 0.023 Ma	Age Plateau Error Mean	0.52665 ± 0.00353 ± 0.67%	2.57 ± 0.02 ± 0.72%	4.70 0%	26.08 6	0.288 ± 0.018
			Full External Error ± 0.06 Analytical Error ± 0.02	2.26 2.1668	2σ Confidence Limit Error Magnification	
	Total Fusion Age	0.54134 ± 0.00088 ± 0.16%	2.64 ± 0.01 ± 0.31%		40	0.232 ± 0.000
			Full External Error ± 0.06 Analytical Error ± 0.00			

Normal Isochron		39(k)/36(a) ± 2σ		40(a+r)/36(a) ± 2σ	r.i.
16D44937	1.8 %		172.62 ± 2.35	357.11 ± 4.78	0.9562
16D44939	1.9 %		203.74 ± 2.70	376.55 ± 4.94	0.9694
16D44940	2.0 %		236.39 ± 3.43	391.86 ± 5.66	0.9567
16D44941	2.1 %		276.41 ± 5.86	415.07 ± 8.78	0.9637
16D44943	2.2 %		297.15 ± 5.64	428.22 ± 8.13	0.9695
16D44944	2.3 %		343.34 ± 6.37	460.23 ± 8.56	0.9747
16D44945	2.4 %		377.24 ± 6.74	479.53 ± 8.58	0.9753
16D44947	2.5 %		424.79 ± 10.06	507.76 ± 12.11	0.9730
16D44948	2.6 %		487.49 ± 11.69	548.20 ± 13.21	0.9788
16D44949	2.7 %		540.07 ± 11.47	581.49 ± 12.38	0.9836
16D44951	2.8 %		596.63 ± 12.17	617.63 ± 12.65	0.9830
16D44952	2.9 %		717.21 ± 23.88	693.39 ± 23.21	0.9857
16D44953	3.0 %		732.04 ± 19.87	707.95 ± 19.29	0.9872
16D44955	3.2 %		870.35 ± 31.31	793.97 ± 28.71	0.9881
16D44956	3.4 %		816.18 ± 16.95	757.61 ± 15.76	0.9899
16D44957	3.6 %		948.02 ± 22.50	836.17 ± 19.87	0.9926
16D44959	3.8 %		1037.11 ± 22.04	894.57 ± 19.02	0.9938
16D44960	4.0 %		1234.94 ± 29.80	1005.09 ± 24.27	0.9949
16D44961	4.3 %		1337.84 ± 31.16	1062.76 ± 24.76	0.9947
16D44963	4.6 %		1546.63 ± 41.41	1190.50 ± 31.90	0.9955
16D44964	4.9 %		1609.11 ± 37.22	1225.69 ± 28.33	0.9966
16D44965	5.2 %		1864.92 ± 52.46	1356.62 ± 38.16	0.9971
16D44967	5.5 %		1912.81 ± 54.31	1378.53 ± 39.13	0.9975
16D44968	5.8 %		2018.96 ± 53.83	1436.88 ± 38.29	0.9976
16D44969	6.2 %		2179.17 ± 65.85	1519.74 ± 45.90	0.9981
16D44971	6.6 %		2254.76 ± 72.18	1549.74 ± 49.59	0.9981
16D44972	7.0 %		2229.18 ± 66.46	1528.05 ± 45.54	0.9979
16D44973	7.6 %		2159.57 ± 63.73	1483.76 ± 43.77	0.9981
16D44975	8.2 %		2112.75 ± 59.30	1450.97 ± 40.70	0.9982
16D44976	8.9 %		2077.28 ± 57.04	1424.01 ± 39.07	0.9981
16D44977	9.6 %		1916.26 ± 50.29	1333.65 ± 34.97	0.9980
16D44979	10.4 %		1972.25 ± 48.97	1360.57 ± 33.75	0.9976
16D44980	11.2 %		1805.87 ± 40.40	1264.34 ± 28.26	0.9970
16D44981	12.2 %		1680.15 ± 33.92	1196.13 ± 24.11	0.9964
16D44983	13.4 %	✓	1454.19 ± 25.39	1063.22 ± 18.53	0.9956
16D44984	14.6 %	✓	1382.17 ± 23.03	1027.91 ± 17.08	0.9951
16D44985	16.0 %	✓	1221.91 ± 20.02	942.05 ± 15.39	0.9949
16D44987	17.6 %	✓	1186.46 ± 17.09	922.81 ± 13.25	0.9933
16D44988	19.3 %	✓	1104.66 ± 17.31	869.35 ± 13.59	0.9937
16D44990	21.0 %	✓	1042.59 ± 17.48	838.31 ± 14.03	0.9936

Results	40(a)/36(a) ± 2σ		40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	266.21	± 29.01	0.55018	± 0.02356	3.26
Error Chron		± 10.90%		± 4.28%	1%
				Full External Error ± 0.13	
				Analytical Error ± 0.11	
Statistics	2σ Confidence Limit	2.41	Convergence	0.000005393960	
	Error Magnification	1.8065	Number of Iterations	32	
	Number of Data Points	6	Calculated Line	Weighted York-2	

Inverse Isochron		39(k)/40(a+r) ± 2σ		36(a)/40(a+r) ± 2σ	r.i.
16D44937	1.8 %		0.4833822 ± 0.0019319	0.00280026 ± 0.00003746	0.0968
16D44939	1.9 %		0.5410805 ± 0.0017657	0.00265571 ± 0.00003485	0.0878
16D44940	2.0 %		0.6032538 ± 0.0025701	0.00255194 ± 0.00003685	0.1326
16D44941	2.1 %		0.6659303 ± 0.0037964	0.00240921 ± 0.00005097	0.1299
16D44943	2.2 %		0.6939032 ± 0.0032541	0.00233522 ± 0.00004431	0.1230
16D44944	2.3 %		0.7460211 ± 0.0031173	0.00217284 ± 0.00004039	0.1191
16D44945	2.4 %		0.7866841 ± 0.0031282	0.00208537 ± 0.00003731	0.1196
16D44947	2.5 %		0.8365973 ± 0.0046249	0.00196945 ± 0.00004696	0.1430
16D44948	2.6 %		0.8892450 ± 0.0044023	0.00182415 ± 0.00004397	0.1273
16D44949	2.7 %		0.9287611 ± 0.0035735	0.00171972 ± 0.00003663	0.1060
16D44951	2.8 %		0.9660090 ± 0.0036396	0.00161910 ± 0.00003316	0.1120
16D44952	2.9 %		1.0343543 ± 0.0058360	0.00144220 ± 0.00004828	0.1169
16D44953	3.0 %		1.0340200 ± 0.0045069	0.00141252 ± 0.00003849	0.1024
16D44955	3.2 %		1.0962025 ± 0.0060946	0.00125950 ± 0.00004554	0.1097
16D44956	3.4 %		1.0773083 ± 0.0031793	0.00131994 ± 0.00002746	0.0838
16D44957	3.6 %		1.1337710 ± 0.0032723	0.00119593 ± 0.00002842	0.0715
16D44959	3.8 %		1.1593475 ± 0.0027547	0.00111786 ± 0.00002377	0.0575
16D44960	4.0 %		1.2286897 ± 0.0029862	0.00099494 ± 0.00002402	0.0542
16D44961	4.3 %		1.2588325 ± 0.0030130	0.00094094 ± 0.00002192	0.0541
16D44963	4.6 %		1.2991453 ± 0.0033034	0.00083998 ± 0.00002250	0.0537
16D44964	4.9 %		1.3128220 ± 0.0025046	0.00081587 ± 0.00001886	0.0322
16D44965	5.2 %		1.3746766 ± 0.0029420	0.00073712 ± 0.00002073	0.0370
16D44967	5.5 %		1.3875687 ± 0.0027930	0.00072541 ± 0.00002059	0.0309
16D44968	5.8 %		1.4051046 ± 0.0025684	0.00069595 ± 0.00001854	0.0251
16D44969	6.2 %		1.4339160 ± 0.0027040	0.00065801 ± 0.00001987	0.0248
16D44971	6.6 %		1.4549309 ± 0.0028453	0.00064527 ± 0.00002065	0.0253
16D44972	7.0 %		1.4588356 ± 0.0027998	0.00065443 ± 0.00001950	0.0262
16D44973	7.6 %		1.4554694 ± 0.0026655	0.00067396 ± 0.00001988	0.0224
16D44975	8.2 %		1.4560959 ± 0.0024743	0.00068920 ± 0.00001933	0.0178
16D44976	8.9 %		1.4587566 ± 0.0024744	0.00070224 ± 0.00001927	0.0182
16D44977	9.6 %		1.4368477 ± 0.0024040	0.00074982 ± 0.00001966	0.0178
16D44979	10.4 %		1.4495696 ± 0.0024988	0.00073498 ± 0.00001823	0.0212
16D44980	11.2 %		1.4283091 ± 0.0024644	0.00079092 ± 0.00001768	0.0233
16D44981	12.2 %		1.4046451 ± 0.0023997	0.00083603 ± 0.00001685	0.0248
16D44983	13.4 %	✓	1.3677239 ± 0.0022459	0.00094054 ± 0.00001639	0.0234
16D44984	14.6 %	✓	1.3446385 ± 0.0022065	0.00097285 ± 0.00001617	0.0244
16D44985	16.0 %	✓	1.2970780 ± 0.0021415	0.00106152 ± 0.00001735	0.0244
16D44987	17.6 %	✓	1.2857047 ± 0.0021476	0.00108364 ± 0.00001556	0.0309
16D44988	19.3 %	✓	1.2706754 ± 0.0022383	0.00115028 ± 0.00001798	0.0349
16D44990	21.0 %	✓	1.2436859 ± 0.0023562	0.00119288 ± 0.00001997	0.0429

Results	40(a)/36(a) ± 2σ		40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	266.58	± 29.33	0.54998	± 0.02358	3.25
Error Chron		± 11.00%		± 4.29%	1%
Full External Error ± 0.13					
Analytical Error ± 0.11					
Statistics	2σ Confidence Limit	2.41	Convergence	0.0003177839	
	Error Magnification	1.8031	Number of Iterations	3	
	Number of Data Points	6	Calculated Line	Weighted York-2	
	Spreading Factor	6.8%			

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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
16D44937	1.8 %	0.0925509	0.66	0.0000000	0.00	0.0046052	0.48	0.0000037	44.80	17.2931	0.45	0.0172978	0.66	0.0000000	0.00	0.192210	0.23	0.0012416	12.83	0.0535754	44.81	15.9762	0.16	0.0116832	1.40	5.7021	3.23	27.34878	0.66	0.0000000	0.00	0.061077	2.67
16D44939	1.9 %	0.1038227	0.65	0.0000000	0.00	0.0060498	0.40	0.0000046	38.59	22.7180	0.37	0.0194045	0.65	0.0000000	0.00	0.254493	0.21	0.0016312	12.83	0.0661638	38.60	21.1531	0.13	0.0153483	1.37	8.4145	2.41	30.67961	0.65	0.0000000	0.00	0.080868	2.66
16D44940	2.0 %	0.0678993	0.71	0.0000000	0.00	0.0045695	0.46	0.0000014	117.94	17.1591	0.44	0.0126904	0.71	0.0000000	0.00	0.193106	0.22	0.0012320	12.83	0.0204795	117.94	16.0507	0.16	0.0115927	1.39	6.5427	2.25	20.06425	0.71	0.0000000	0.00	0.061362	2.66
16D44941	2.1 %	0.0448046	1.04	0.0000000	0.00	0.0033526	0.58	0.0000039	42.26	12.5897	0.56	0.0083740	1.04	0.0000000	0.00	0.148997	0.26	0.0009039	12.83	0.0552450	42.27	12.3844	0.21	0.0085056	1.43	5.3574	2.66	13.23975	1.04	0.0000000	0.00	0.047346	2.67
16D44943	2.2 %	0.0520523	0.93	0.0000000	0.00	0.0042602	0.50	0.0000031	52.51	15.9979	0.47	0.0097286	0.93	0.0000000	0.00	0.186086	0.23	0.0011486	12.83	0.0449017	52.52	15.4672	0.17	0.0108082	1.40	6.9086	2.15	15.38146	0.93	0.0000000	0.00	0.059131	2.67
16D44944	2.3 %	0.0549198	0.92	0.0000000	0.00	0.0052766	0.43	0.0000043	38.85	19.8146	0.41	0.0102645	0.92	0.0000000	0.00	0.226858	0.21	0.0014227	12.83	0.0618080	38.86	18.8561	0.14	0.0133868	1.38	9.0468	1.70	16.22880	0.92	0.0000000	0.00	0.072087	2.66
16D44945	2.4 %	0.0527737	0.88	0.0000000	0.00	0.0055198	0.42	0.0000018	97.38	20.7277	0.39	0.0098634	0.88	0.0000000	0.00	0.239516	0.21	0.0014883	12.83	0.0257696	97.38	19.9083	0.14	0.0140037	1.38	9.7120	1.47	15.59462	0.88	0.0000000	0.00	0.076109	2.66
16D44947	2.5 %	0.0347292	1.17	0.0000000	0.00	0.0039163	0.53	0.0000037	45.84	14.7063	0.50	0.0064909	1.17	0.0000000	0.00	0.177488	0.23	0.0010559	12.83	0.0534814	45.84	14.7525	0.17	0.0099356	1.41	7.3715	1.71	10.26249	1.17	0.0000000	0.00	0.056399	2.67
16D44948	2.6 %	0.0353364	1.19	0.0000000	0.00	0.0046135	0.46	0.0000037	45.17	17.3245	0.43	0.0066044	1.19	0.0000000	0.00	0.207245	0.22	0.0012439	12.83	0.0525408	45.18	17.2260	0.15	0.0117045	1.39	8.9295	1.45	10.44189	1.19	0.0000000	0.00	0.065855	2.66
16D44949	2.7 %	0.0438700	1.05	0.0000000	0.00	0.0068953	0.37	0.0000023	68.61	25.8930	0.34	0.0081993	1.05	0.0000000	0.00	0.285047	0.20	0.0018591	12.82	0.0324119	68.61	23.6927	0.12	0.0174933	1.36	12.5464	1.13	12.96359	1.05	0.0000000	0.00	0.090577	2.66
16D44951	2.8 %	0.0411676	1.01	0.0000000	0.00	0.0068300	0.38	0.0000020	83.76	25.6477	0.35	0.0076942	1.01	0.0000000	0.00	0.295504	0.20	0.0018415	12.82	0.0282539	83.77	24.5619	0.12	0.0173276	1.37	13.2612	0.97	12.16502	1.01	0.0000000	0.00	0.093900	2.66
16D44952	2.9 %	0.0227420	1.66	0.0000000	0.00	0.0043276	0.49	0.0000011	165.72	16.2508	0.47	0.0042505	1.66	0.0000000	0.00	0.196234	0.22	0.0011668	12.83	0.0150171	165.72	16.3107	0.16	0.0109791	1.40	9.0487	1.30	6.72025	1.66	0.0000000	0.00	0.062356	2.66
16D44953	3.0 %	0.0298834	1.35	0.0000000	0.00	0.0060463	0.40	0.0000002	668.92	22.7048	0.37	0.0055852	1.35	0.0000000	0.00	0.263188	0.21	0.0016302	12.83	0.0035659	668.92	21.8759	0.13	0.0153393	1.37	12.3256	1.01	8.83056	1.35	0.0000000	0.00	0.083631	2.66
16D44955	3.2 %	0.0200385	1.79	0.0000000	0.00	0.0046704	0.46	0.0000000	0.00	17.5380	0.43	0.0037452	1.79	0.0000000	0.00	0.209827	0.22	0.0012592	12.83	0.0000000	0.00	17.4405	0.15	0.0118487	1.39	9.9885	1.13	5.92138	1.79	0.0000000	0.00	0.066675	2.66
16D44956	3.4 %	0.0441736	1.03	0.0000000	0.00	0.0107639	0.32	0.0000000	0.00	40.4203	0.29	0.0000000	1.03	0.0000000	0.00	0.433760	0.19	0.0029022	12.82	0.0000000	0.00	36.0535	0.09	0.0273080	1.35	20.4130	0.69	13.05330	1.03	0.0000000	0.00	0.137832	2.66
16D44957	3.6 %	0.0401467	1.18	0.0000000	0.00	0.0115937	0.31	0.0000003	578.93	43.5361	0.28	0.0075034	1.18	0.0000000	0.00	0.457900	0.18	0.0031259	12.82	0.0041519	578.93	38.0600	0.09	0.0294130	1.35	21.7060	0.67	11.86335	1.18	0.0000000	0.00	0.145503	2.66
16D44959	3.8 %	0.0503491	1.06	0.0000000	0.00	0.0170499	0.30	0.0000008	213.53	64.0251	0.26	0.0094102	1.06	0.0000000	0.00	0.628231	0.18	0.0045970	12.82	0.0111818	213.54	52.2177	0.08	0.0432554	1.35	30.1624	0.54	14.87815	1.06	0.0000000	0.00	0.199628	2.66
16D44960	4.0 %	0.0423922	1.20	0.0000000	0.00	0.0176307	0.30	0.0000000	#####	66.2063	0.26	0.0079231	1.20	0.0000000	0.00	0.629847	0.18	0.0047536	12.82	0.0004025	#####	52.3520	0.08	0.0447290	1.35	30.0811	0.52	12.52689	1.20	0.0000000	0.00	0.200142	2.66
16D44961	4.3 %	0.0409031	1.16	0.0000000	0.00	0.0193726	0.30	0.0000000	0.00	72.7474	0.26	0.0076448	1.16	0.0000000	0.00	0.658359	0.18	0.0052233	12.82	0.0000000	0.00	54.7219	0.08	0.0491481	1.34	31.3835	0.46	12.08688	1.16	0.0000000	0.00	0.209202	2.66
16D44963	4.6 %	0.0327884	1.34	0.0000000	0.00	0.0183935	0.30	0.0000000	0.00	69.0706	0.26	0.0061281	1.34	0.0000000	0.00	0.610110	0.18	0.0049593	12.82	0.0000000	0.00	50.7115	0.08	0.0466641	1.35	29.3456	0.46	9.68897	1.34	0.0000000	0.00	0.193870	2.66
16D44964	4.9 %	0.0546490	1.15	0.0000000	0.00	0.0369112	0.29	0.0000000	0.00	138.6077	0.25	0.0102139	1.15	0.0000000	0.00	1.057965	0.18	0.0099520	12.82	0.0000000	0.00	87.9366	0.07	0.0936434	1.34	50.8341	0.37	16.14879	1.15	0.0000000	0.00	0.336181	2.66
16D44965	5.2 %	0.0394386	1.40	0.0000000	0.00	0.0322816	0.29	0.0000000	0.00	121.2226	0.25	0.0073711	1.40	0.0000000	0.00	0.884879	0.18	0.0087038	12.82	0.0000000	0.00	73.5499	0.08	0.0818980	1.34	41.8493	0.40	11.65412	1.40	0.0000000	0.00	0.281181	2.66
16D44967	5.5 %	0.0438772	1.42	0.0000000	0.00	0.0405091	0.29	0.0000000	0.00	152.1183	0.25	0.0082006	1.42	0.0000000	0.00	1.009746	0.18	0.0109221	12.82	0.0000000	0.00	83.9287	0.08	0.1027711	1.34	47.5204	0.40	12.96570	1.42	0.0000000	0.00	0.320859	2.66
16D44968	5.8 %	0.0491585	1.33	0.0000000	0.00	0.0535129	0.29	0.0000000	0.00	200.9496	0.24	0.0091877	1.33	0.0000000	0.00	1.194065	0.18	0.0144282	12.82	0.0000000	0.00	99.2490	0.07	0.1357616	1.34	56.1083	0.35	14.52632	1.33	0.0000000	0.00	0.379429	2.66
16D44969	6.2 %	0.0435490	1.51	0.0000000	0.00	0.0552532	0.29	0.0000000	0.00	207.4847	0.24	0.0081393	1.51	0.0000000	0.00	1.141752	0.18	0.0148974	12.82	0.0000000	0.00	94.9009	0.07	0.1401767	1.34	53.3143	0.37	12.86873	1.51	0.0000000	0.00	0.362806	2.66
16D44971	6.6 %	0.0407348	1.60	0.0000000	0.00	0.0574056	0.29	0.0000000	0.00	215.5673	0.24	0.0076133	1.60	0.0000000	0.00	1.105013	0.18	0.0154777	12.82	0.0000000	0.00	91.8471	0.07	0.1456373	1.34	51.0910	0.38	12.03713	1.60	0.0000000	0.00	0.351132	2.66
16D44972	7.0 %	0.0422573	1.49	0.0000000	0.00	0.0630246	0.29	0.0000000	0.00	236.6678	0.24	0.0078979	1.49	0.0000000	0.00	1.133309	0.18	0.0169927	12.82	0.0000000	0.00	94.1990	0.07	0.1598927	1.34	52.0844	0.36	12.48703	1.49	0.0000000	0.00	0.360123	2.66
16D44973	7.6 %	0.0494869	1.47	0.0000000	0.00	0.0767832	0.28	0.0000000	0.00	288.3334	0.24	0.0092491	1.47	0.0000000	0.00	1.285760	0.18	0.0207023	12.82	0.0000000	0.00	106.8706	0.07	0.1947980	1.34	58.8035	0.37	14.62339	1.47	0.0000000	0.00	0.408566	2.66
16D44975	8.2 %	0.0611955	1.40	0.0000000	0.00	0.0971629	0.28	0.0000000	0.00	364.8627	0.24	0.0114374	1.40	0.0000000	0.00	1.555495	0.18	0.0261971	12.82	0.0000000	0.00	129.2906	0.07	0.2465012	1.34	70.7093	0.36	18.08327	1.40	0.0000000	0.00	0.494278	2.66
16D44976	8.9 %	0.0636452	1.37	0.0000000	0.00	0.0977287	0.28	0.0000018	104.07	366.9871	0.24	0.0118953	1.37	0.0000000	0.00	1.590603	0.18	0.0263497	12.82	0.0257208	104.07	132.2087	0.07	0.2479365	1.34	71.8239	0.36	18.80716	1.37	0.0000000	0.00	0.505434	2.66
16D44977	9.6 %	0.0709113	1.31	0.0000000	0.00	0.0934021																											

Additional Parameters		40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
16D44937	1.8 %	2.071065	0.004133	1.081639	0.005200	0.006077	0.000039	42.963	2.370262	1.00030835	1.589E-12
16D44939	1.9 %	1.850634	0.003014	1.073205	0.004199	0.005191	0.000033	42.976	2.370912	1.00030844	1.880E-12
16D44940	2.0 %	1.660301	0.003530	1.068283	0.004993	0.004512	0.000031	42.983	2.371238	1.00030849	1.280E-12
16D44941	2.1 %	1.504448	0.004280	1.015875	0.006013	0.003886	0.000038	42.990	2.371563	1.00030854	8.949E-13
16D44943	2.2 %	1.443937	0.003379	1.033589	0.005185	0.003638	0.000032	43.004	2.372214	1.00030864	1.073E-12
16D44944	2.3 %	1.343314	0.002799	1.050088	0.004514	0.003190	0.000027	43.011	2.372539	1.00030869	1.217E-12
16D44945	2.4 %	1.274085	0.002526	1.040429	0.004306	0.002926	0.000024	43.018	2.372865	1.00030874	1.218E-12
16D44947	2.5 %	1.198334	0.003303	0.996199	0.005308	0.002618	0.000028	43.033	2.373548	1.00030884	8.491E-13
16D44948	2.6 %	1.127606	0.002783	1.005040	0.004589	0.002318	0.000025	43.040	2.373874	1.00030889	9.330E-13
16D44949	2.7 %	1.079729	0.002070	1.092063	0.003962	0.002141	0.000020	43.047	2.374199	1.00030894	1.229E-12
16D44951	2.8 %	1.038278	0.001948	1.043469	0.003896	0.001953	0.000017	43.060	2.374851	1.00030904	1.225E-12
16D44952	2.9 %	0.969957	0.002726	0.995661	0.004890	0.001659	0.000023	43.067	2.375177	1.00030909	7.599E-13
16D44953	3.0 %	0.970242	0.002106	1.037164	0.004084	0.001641	0.000019	43.074	2.375502	1.00030913	1.020E-12
16D44955	3.2 %	0.915441	0.002535	1.004906	0.004602	0.001416	0.000021	43.088	2.376154	1.00030923	7.669E-13
16D44956	3.4 %	0.931357	0.001367	1.120273	0.003386	0.001523	0.000013	43.095	2.376480	1.00030928	1.613E-12
16D44957	3.6 %	0.885151	0.001270	1.142998	0.003336	0.001358	0.000012	43.102	2.376806	1.00030933	1.618E-12
16D44959	3.8 %	0.865660	0.001021	1.225106	0.003372	0.001290	0.000010	43.116	2.377458	1.00030943	2.172E-12
16D44960	4.0 %	0.817000	0.000985	1.263558	0.003480	0.001146	0.000010	43.123	2.377784	1.00030948	2.055E-12
16D44961	4.3 %	0.797494	0.000946	1.328209	0.003594	0.001101	0.000009	43.130	2.378110	1.00030953	2.097E-12
16D44963	4.6 %	0.772849	0.000974	1.360778	0.003702	0.001008	0.000009	43.144	2.378763	1.00030962	1.883E-12
16D44964	4.9 %	0.764727	0.000720	1.574547	0.004045	0.001040	0.000007	43.151	2.379089	1.00030967	3.231E-12
16D44965	5.2 %	0.730453	0.000772	1.646336	0.004265	0.000974	0.000007	43.158	2.379416	1.00030972	2.582E-12
16D44967	5.5 %	0.723622	0.000719	1.810254	0.004645	0.001004	0.000007	43.172	2.380068	1.00030982	2.919E-12
16D44968	5.8 %	0.714536	0.000643	2.021935	0.005130	0.001033	0.000006	43.178	2.380395	1.00030987	3.409E-12
16D44969	6.2 %	0.700180	0.000650	2.183106	0.005544	0.001040	0.000007	43.185	2.380722	1.00030992	3.194E-12
16D44971	6.6 %	0.690047	0.000665	2.343308	0.005953	0.001067	0.000007	43.199	2.381375	1.00031002	3.047E-12
16D44972	7.0 %	0.688133	0.000650	2.508165	0.006357	0.001116	0.000006	43.206	2.381701	1.00031007	3.117E-12
16D44973	7.6 %	0.689630	0.000621	2.693059	0.006809	0.001179	0.000007	43.213	2.382028	1.00031012	3.544E-12
16D44975	8.2 %	0.689277	0.000575	2.816667	0.007093	0.001222	0.000006	43.227	2.382682	1.00031021	4.286E-12
16D44976	8.9 %	0.688048	0.000573	2.770620	0.006974	0.001218	0.000006	43.234	2.383008	1.00031026	4.375E-12
16D44977	9.6 %	0.698573	0.000574	2.576674	0.006487	0.001207	0.000007	43.241	2.383335	1.00031031	4.564E-12
16D44979	10.4 %	0.692581	0.000586	2.350505	0.005933	0.001132	0.000006	43.255	2.383989	1.00031041	4.270E-12
16D44980	11.2 %	0.702952	0.000596	2.100907	0.005310	0.001112	0.000006	43.262	2.384316	1.00031046	4.203E-12
16D44981	12.2 %	0.714849	0.000600	1.856098	0.004700	0.001089	0.000006	43.269	2.384643	1.00031051	4.387E-12
16D44983	13.4 %	✓ 0.734141	0.000593	1.658413	0.004196	0.001129	0.000006	43.283	2.385298	1.00031061	4.767E-12
16D44984	14.6 %	✓ 0.746749	0.000603	1.522138	0.003866	0.001128	0.000006	43.290	2.385625	1.00031065	4.874E-12
16D44985	16.0 %	✓ 0.774052	0.000630	1.402702	0.003563	0.001191	0.000007	43.297	2.385952	1.00031070	4.958E-12
16D44987	17.6 %	✓ 0.780891	0.000643	1.355671	0.003460	0.001203	0.000006	43.311	2.386640	1.00031081	4.683E-12
16D44988	19.3 %	✓ 0.790048	0.000687	1.418489	0.003623	0.001282	0.000007	43.318	2.386967	1.00031086	4.065E-12
16D44990	21.0 %	✓ 0.807035	0.000756	1.557105	0.004005	0.001373	0.000008	43.332	2.387622	1.00031095	3.375E-12

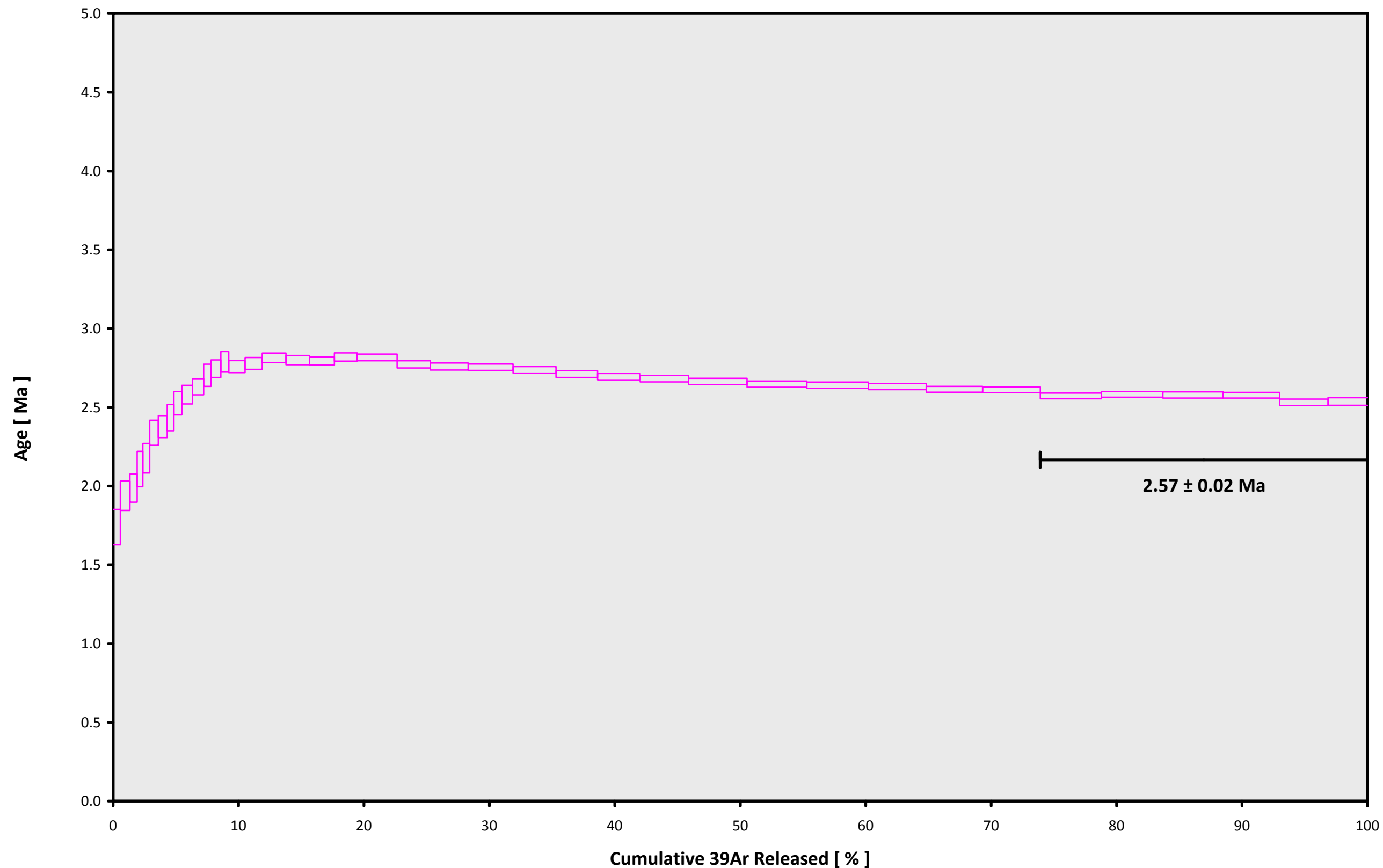
Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
16D44937	1.8 %	0.0070550 ± 0.0001648	0.0056366 ± 0.0184502	0.0015576 ± 0.0167609	0.0494991 ± 0.0160074	2.0081397 ± 0.0323074
16D44939	1.9 %	0.0070145 ± 0.0001648	0.0017665 ± 0.0184502	0.0122181 ± 0.0167609	0.0447147 ± 0.0160074	1.9809719 ± 0.0323074
16D44940	2.0 %	0.0069898 ± 0.0001648	0.0047097 ± 0.0184502	0.0161346 ± 0.0167609	0.0423407 ± 0.0160074	1.9682901 ± 0.0323074
16D44941	2.1 %	0.0069629 ± 0.0001648	0.0072137 ± 0.0184502	0.0192126 ± 0.0167609	0.0400281 ± 0.0160074	1.9562097 ± 0.0323074
16D44943	2.2 %	0.0069047 ± 0.0001648	0.0110886 ± 0.0184502	0.0231485 ± 0.0167609	0.0357140 ± 0.0160074	1.9338530 ± 0.0323074
16D44944	2.3 %	0.0068743 ± 0.0001648	0.0125452 ± 0.0184502	0.0241475 ± 0.0167609	0.0337668 ± 0.0160074	1.9235768 ± 0.0323074
16D44945	2.4 %	0.0068438 ± 0.0001648	0.0137342 ± 0.0184502	0.0245901 ± 0.0167609	0.0319898 ± 0.0160074	1.9139019 ± 0.0323074
16D44947	2.5 %	0.0067809 ± 0.0001648	0.0155195 ± 0.0184502	0.0239898 ± 0.0167609	0.0288895 ± 0.0160074	1.8955421 ± 0.0323074
16D44948	2.6 %	0.0067523 ± 0.0001648	0.0160999 ± 0.0184502	0.0231020 ± 0.0167609	0.0277407 ± 0.0160074	1.8877316 ± 0.0323074
16D44949	2.7 %	0.0067250 ± 0.0001648	0.0165465 ± 0.0184502	0.0219029 ± 0.0167609	0.0268146 ± 0.0160074	1.8805224 ± 0.0323074
16D44951	2.8 %	0.0066756 ± 0.0001648	0.0171403 ± 0.0184502	0.0187801 ± 0.0167609	0.0256411 ± 0.0160074	1.8679081 ± 0.0323074
16D44952	2.9 %	0.0066539 ± 0.0001648	0.0173324 ± 0.0184502	0.0169542 ± 0.0167609	0.0253905 ± 0.0160074	1.8625031 ± 0.0323074
16D44953	3.0 %	0.0066345 ± 0.0001648	0.0174800 ± 0.0184502	0.0150130 ± 0.0167609	0.0253558 ± 0.0160074	1.8576994 ± 0.0323074
16D44955	3.2 %	0.0066032 ± 0.0001648	0.0177041 ± 0.0184502	0.0109507 ± 0.0167609	0.0258881 ± 0.0160074	1.8498963 ± 0.0323074
16D44956	3.4 %	0.0065915 ± 0.0001648	0.0178049 ± 0.0184502	0.0089062 ± 0.0167609	0.0264233 ± 0.0160074	1.8468968 ± 0.0323074
16D44957	3.6 %	0.0065825 ± 0.0001648	0.0179104 ± 0.0184502	0.0068996 ± 0.0167609	0.0271106 ± 0.0160074	1.8444987 ± 0.0323074
16D44959	3.8 %	0.0065730 ± 0.0001648	0.0181566 ± 0.0184502	0.0031235 ± 0.0167609	0.0288387 ± 0.0160074	1.8415066 ± 0.0323074
16D44960	4.0 %	0.0065724 ± 0.0001648	0.0183015 ± 0.0184502	0.0014094 ± 0.0167609	0.0298190 ± 0.0160074	1.8409127 ± 0.0323074
16D44961	4.3 %	0.0065745 ± 0.0001648	0.0184595 ± 0.0184502	0.0001564 ± 0.0167609	0.0308308 ± 0.0160074	1.8409201 ± 0.0323074
16D44963	4.6 %	0.0065863 ± 0.0001648	0.0187958 ± 0.0184502	0.0027618 ± 0.0167609	0.0327884 ± 0.0160074	1.8427391 ± 0.0323074
16D44964	4.9 %	0.0065957 ± 0.0001648	0.0189580 ± 0.0184502	0.0037675 ± 0.0167609	0.0336453 ± 0.0160074	1.8445507 ± 0.0323074
16D44965	5.2 %	0.0066072 ± 0.0001648	0.0191013 ± 0.0184502	0.0045569 ± 0.0167609	0.0343558 ± 0.0160074	1.8469637 ± 0.0323074
16D44967	5.5 %	0.0066358 ± 0.0001648	0.0192715 ± 0.0184502	0.0054484 ± 0.0167609	0.0351202 ± 0.0160074	1.8535938 ± 0.0323074
16D44968	5.8 %	0.0066522 ± 0.0001648	0.0192621 ± 0.0184502	0.0055379 ± 0.0167609	0.0350568 ± 0.0160074	1.8578109 ± 0.0323074
16D44969	6.2 %	0.0066697 ± 0.0001648	0.0191614 ± 0.0184502	0.0053859 ± 0.0167609	0.0346120 ± 0.0160074	1.8626294 ± 0.0323074
16D44971	6.6 %	0.0067064 ± 0.0001648	0.0185855 ± 0.0184502	0.0043616 ± 0.0167609	0.0323043 ± 0.0160074	1.8740706 ± 0.0323074
16D44972	7.0 %	0.0067248 ± 0.0001648	0.0180537 ± 0.0184502	0.0034980 ± 0.0167609	0.0302954 ± 0.0160074	1.8806933 ± 0.0323074
16D44973	7.6 %	0.0067426 ± 0.0001648	0.0173176 ± 0.0184502	0.0024103 ± 0.0167609	0.0276133 ± 0.0160074	1.8879174 ± 0.0323074
16D44975	8.2 %	0.0067746 ± 0.0001648	0.0150913 ± 0.0184502	0.0003906 ± 0.0167609	0.0198982 ± 0.0160074	1.9041696 ± 0.0323074
16D44976	8.9 %	0.0067878 ± 0.0001648	0.0135244 ± 0.0184502	0.0020737 ± 0.0167609	0.0146907 ± 0.0160074	1.9131979 ± 0.0323074
16D44977	9.6 %	0.0067982 ± 0.0001648	0.0115995 ± 0.0184502	0.0039209 ± 0.0167609	0.0084609 ± 0.0160074	1.9228275 ± 0.0323074
16D44979	10.4 %	0.0068088 ± 0.0001648	0.0064947 ± 0.0184502	0.0080178 ± 0.0167609	0.0074533 ± 0.0160074	1.9438908 ± 0.0323074
16D44980	11.2 %	0.0068075 ± 0.0001648	0.0032177 ± 0.0184502	0.0102161 ± 0.0167609	0.0173409 ± 0.0160074	1.9553246 ± 0.0323074
16D44981	12.2 %	0.0068010 ± 0.0001648	0.0006113 ± 0.0184502	0.0124758 ± 0.0167609	0.0286566 ± 0.0160074	1.9673597 ± 0.0323074
16D44983	13.4 %	0.0067691 ± 0.0001648	0.0101469 ± 0.0184502	0.0170470 ± 0.0167609	0.0560180 ± 0.0160074	1.9932342 ± 0.0323074
16D44984	14.6 %	0.0067422 ± 0.0001648	0.0159709 ± 0.0184502	0.0192857 ± 0.0167609	0.0722952 ± 0.0160074	2.0070735 ± 0.0323074
16D44985	16.0 %	0.0067069 ± 0.0001648	0.0225813 ± 0.0184502	0.0214404 ± 0.0167609	0.0904636 ± 0.0160074	2.0215142 ± 0.0323074
16D44987	17.6 %	0.0066015 ± 0.0001648	0.0393154 ± 0.0184502	0.0254969 ± 0.0167609	0.1353323 ± 0.0160074	2.0537972 ± 0.0323074
16D44988	19.3 %	0.0065345 ± 0.0001648	0.0487881 ± 0.0184502	0.0271057 ± 0.0167609	0.1601718 ± 0.0160074	2.0701022 ± 0.0323074
16D44990	21.0 %	0.0063631 ± 0.0001648	0.0710155 ± 0.0184502	0.0294373 ± 0.0167609	0.2172654 ± 0.0160074	2.1045163 ± 0.0323074

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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)
16D44937	1.8 %	0.0986174 ± 0.0004853	0.0349	EXP 148 of 150	7.120893 ± 0.020024	0.7630	EXP 150 of 150	0.2583989 ± 0.0166003	0.0123	EXP 150 of 150	15.801624 ± 0.017456	0.9708	EXP 150 of 150	35.120060 ± 0.019138	0.9953	EXP 150 of 150
16D44939	1.9 %	0.1105617 ± 0.0005378	0.1827	EXP 150 of 150	9.343018 ± 0.018493	0.8772	EXP 150 of 150	0.3238277 ± 0.0186711	0.0067	EXP 150 of 150	20.942633 ± 0.017237	0.9847	EXP 150 of 150	41.155955 ± 0.019709	0.9930	EXP 150 of 150
16D44940	2.0 %	0.0752851 ± 0.0003741	0.0007	EXP 148 of 150	7.052508 ± 0.018319	0.8057	EXP 149 of 150	0.2076142 ± 0.0168222	0.0002	EXP 150 of 150	15.882587 ± 0.016095	0.9757	EXP 150 of 150	28.636568 ± 0.019925	0.9952	EXP 150 of 150
16D44941	2.1 %	0.0523494 ± 0.0003851	0.1180	EXP 150 of 150	5.169967 ± 0.018202	0.6856	EXP 150 of 150	0.1907789 ± 0.0156749	0.0172	EXP 150 of 150	12.246890 ± 0.017565	0.9490	EXP 150 of 150	20.600719 ± 0.017569	0.9967	EXP 150 of 150
16D44943	2.2 %	0.0599761 ± 0.0003996	0.0440	EXP 150 of 150	6.565824 ± 0.019467	0.7525	EXP 150 of 150	0.2147193 ± 0.0160105	0.0074	EXP 149 of 150	15.309869 ± 0.016855	0.9718	EXP 150 of 150	24.283079 ± 0.017701	0.9962	EXP 150 of 150
16D44944	2.3 %	0.0636070 ± 0.0004143	0.0386	EXP 150 of 150	8.132374 ± 0.019136	0.8438	EXP 150 of 150	0.2712425 ± 0.0166119	0.0304	EXP 149 of 150	18.674330 ± 0.017278	0.9801	EXP 150 of 150	27.271241 ± 0.020752	0.9943	EXP 150 of 150
16D44945	2.4 %	0.0617807 ± 0.0003751	0.0202	EXP 149 of 150	8.505345 ± 0.018744	0.8531	EXP 150 of 150	0.2474763 ± 0.0181013	0.0008	EXP 150 of 150	19.719880 ± 0.016570	0.9827	EXP 150 of 150	27.296582 ± 0.017717	0.9958	EXP 150 of 150
16D44947	2.5 %	0.0432036 ± 0.0003300	0.2267	EXP 150 of 150	6.027035 ± 0.019449	0.7697	EXP 150 of 150	0.2105848 ± 0.0173129	0.0270	EXP 150 of 150	14.607294 ± 0.016467	0.9696	EXP 150 of 150	19.585902 ± 0.020467	0.9953	EXP 150 of 150
16D44948	2.6 %	0.0444042 ± 0.0003433	0.1782	EXP 150 of 150	7.101242 ± 0.017468	0.8224	EXP 150 of 150	0.2401101 ± 0.0162244	0.0167	EXP 150 of 150	17.062470 ± 0.016959	0.9773	EXP 150 of 150	21.325026 ± 0.019459	0.9954	EXP 150 of 150
16D44949	2.7 %	0.0545679 ± 0.0003793	0.0863	EXP 150 of 150	10.619479 ± 0.017957	0.9205	EXP 150 of 150	0.3002021 ± 0.0140231	0.0115	EXP 150 of 150	23.480551 ± 0.018221	0.9867	EXP 150 of 150	27.481091 ± 0.019057	0.9950	EXP 150 of 150
16D44951	2.8 %	0.0519099 ± 0.0003320	0.1380	EXP 150 of 150	10.515219 ± 0.020280	0.8984	EXP 150 of 150	0.3090066 ± 0.0161288	0.0231	EXP 150 of 150	24.343353 ± 0.017103	0.9885	EXP 150 of 150	27.387987 ± 0.018600	0.9949	EXP 150 of 150
16D44952	2.9 %	0.0321650 ± 0.0003054	0.4859	EXP 150 of 150	6.655251 ± 0.019176	0.7924	EXP 150 of 150	0.1961337 ± 0.0178261	0.0033	EXP 150 of 150	16.156656 ± 0.016112	0.9777	EXP 150 of 150	17.693812 ± 0.018070	0.9963	EXP 150 of 150
16D44953	3.0 %	0.0404945 ± 0.0003283	0.3953	EXP 150 of 150	9.303796 ± 0.018875	0.8859	EXP 150 of 150	0.2544296 ± 0.0163984	0.0007	EXP 150 of 150	21.678574 ± 0.018154	0.9834	EXP 150 of 150	23.097450 ± 0.017662	0.9958	EXP 150 of 150
16D44955	3.2 %	0.0298886 ± 0.0002874	0.5609	EXP 150 of 150	7.180408 ± 0.018219	0.8146	EXP 150 of 150	0.1985424 ± 0.0175140	0.0000	EXP 150 of 150	17.277168 ± 0.016348	0.9794	EXP 150 of 150	17.826496 ± 0.018669	0.9957	EXP 150 of 150
16D44956	3.4 %	0.0583641 ± 0.0003680	0.0959	EXP 150 of 150	16.569649 ± 0.018364	0.9648	EXP 150 of 150	0.4244607 ± 0.0155449	0.0001	EXP 150 of 150	35.745728 ± 0.017009	0.9951	EXP 150 of 150	35.450998 ± 0.019580	0.9924	EXP 150 of 150
16D44957	3.6 %	0.0553425 ± 0.0003909	0.1258	EXP 150 of 150	17.845726 ± 0.016113	0.9759	EXP 149 of 150	0.4579707 ± 0.0166314	0.0251	EXP 149 of 150	37.736470 ± 0.017374	0.9954	EXP 150 of 150	35.559390 ± 0.017981	0.9937	EXP 150 of 150
16D44959	3.8 %	0.0700899 ± 0.0004367	0.0266	EXP 150 of 150	26.245285 ± 0.020604	0.9824	EXP 150 of 150	0.6394989 ± 0.0163738	0.1080	EXP 150 of 150	51.785019 ± 0.018296	0.9973	EXP 150 of 150	47.081698 ± 0.020057	0.9881	EXP 150 of 150
16D44960	4.0 %	0.0631375 ± 0.0004193	0.0521	EXP 150 of 150	27.136124 ± 0.022083	0.9811	EXP 150 of 150	0.6308926 ± 0.0158999	0.0872	EXP 150 of 150	51.918665 ± 0.018120	0.9974	EXP 150 of 150	44.649032 ± 0.019290	0.9906	EXP 150 of 150
16D44961	4.3 %	0.0633778 ± 0.0003799	0.0342	EXP 150 of 150	29.814709 ± 0.020615	0.9864	EXP 150 of 150	0.6349317 ± 0.0173563	0.0505	EXP 150 of 150	54.271658 ± 0.019300	0.9972	EXP 150 of 150	45.520465 ± 0.018727	0.9906	EXP 150 of 150
16D44963	4.6 %	0.0548196 ± 0.0003490	0.2825	EXP 150 of 150	28.298788 ± 0.019872	0.9859	EXP 150 of 150	0.6046825 ± 0.0165564	0.0546	EXP 150 of 150	50.291191 ± 0.018557	0.9971	EXP 150 of 150	41.071145 ± 0.017972	0.9923	EXP 150 of 150
16D44964	4.9 %	0.0928812 ± 0.0005062	0.0155	EXP 150 of 150	56.799645 ± 0.022396	0.9956	EXP 150 of 150	1.0096564 ± 0.0167328	0.1029	EXP 150 of 150	87.243479 ± 0.020711	0.9988	EXP 150 of 150	69.163579 ± 0.021684	0.9661	EXP 149 of 150
16D44965	5.2 %	0.0741957 ± 0.0004480	0.0291	EXP 150 of 150	49.666136 ± 0.022205	0.9942	EXP 150 of 150	0.8312065 ± 0.0180269	0.0111	EXP 150 of 150	72.967522 ± 0.020032	0.9984	EXP 150 of 150	55.631551 ± 0.022233	0.9832	EXP 150 of 150
16D44967	5.5 %	0.0861606 ± 0.0005034	0.0003	EXP 150 of 150	62.311997 ± 0.023291	0.9961	EXP 150 of 150	0.9696151 ± 0.0171010	0.0909	EXP 150 of 150	83.277469 ± 0.021892	0.9985	EXP 150 of 150	62.660605 ± 0.022366	0.9760	EXP 150 of 150
16D44968	5.8 %	0.1034088 ± 0.0005071	0.0000	EXP 149 of 150	82.309610 ± 0.021999	0.9980	EXP 150 of 150	1.1619386 ± 0.0170720	0.1646	EXP 150 of 150	98.499523 ± 0.019293	0.9992	EXP 150 of 150	72.871871 ± 0.019459	0.9751	EXP 150 of 150
16D44969	6.2 %	0.0997800 ± 0.0005143	0.0062	EXP 149 of 150	84.975467 ± 0.023843	0.9978	EXP 150 of 150	1.1400924 ± 0.0169723	0.1838	EXP 150 of 150	94.193368 ± 0.019417	0.9991	EXP 150 of 150	68.408442 ± 0.020167	0.9807	EXP 150 of 150
16D44971	6.6 %	0.0991930 ± 0.0005068	0.0000	EXP 150 of 150	88.262808 ± 0.022157	0.9982	EXP 150 of 150	1.0670287 ± 0.0188075	0.0741	EXP 150 of 150	91.173453 ± 0.023209	0.9986	EXP 150 of 150	65.353370 ± 0.021054	0.9800	EXP 150 of 150
16D44972	7.0 %	0.1059415 ± 0.0004654	0.0048	EXP 150 of 150	96.891308 ± 0.022560	0.9985	EXP 150 of 150	1.0769360 ± 0.0177105	0.0451	EXP 150 of 150	93.521392 ± 0.021159	0.9989	EXP 150 of 150	66.812205 ± 0.020659	0.9821	EXP 150 of 150
16D44973	7.6 %	0.1257384 ± 0.0005376	0.0652	EXP 150 of 150	118.031594 ± 0.024971	0.9987	EXP 150 of 150	1.2423506 ± 0.0170515	0.0696	EXP 150 of 150	106.121822 ± 0.023092	0.9990	EXP 150 of 150	75.723378 ± 0.021666	0.9739	EXP 150 of 150
16D44975	8.2 %	0.1560101 ± 0.0006162	0.1961	EXP 150 of 150	149.325341 ± 0.025229	0.9992	EXP 150 of 150	1.5449555 ± 0.0167770	0.1766	EXP 150 of 150	128.408935 ± 0.021775	0.9994	EXP 150 of 150	91.191056 ± 0.021270	0.9391	EXP 150 of 150
16D44976	8.9 %	0.1588667 ± 0.0006284	0.2444	EXP 150 of 150	150.175815 ± 0.023850	0.9993	EXP 150 of 150	1.6251545 ± 0.0197085	0.1895	EXP 150 of 150	131.308768 ± 0.021509	0.9994	EXP 150 of 150	93.049737 ± 0.022698	0.9312	EXP 150 of 150
16D44977	9.6 %	0.1616466 ± 0.0006959	0.1870	EXP 150 of 150	143.509078 ± 0.023959	0.9992	EXP 150 of 150	1.6542061 ± 0.0168753	0.2193	EXP 150 of 150	134.948339 ± 0.021136	0.9995	EXP 150 of 150	97.013510 ± 0.022686	0.9109	EXP 150 of 150
16D44979	10.4 %	0.1438743 ± 0.0005935	0.1198	EXP 150 of 150	123.513174 ± 0.025401	0.9988	EXP 150 of 150	1.6363953 ± 0.0148592	0.3605	EXP 150 of 150	127.367639 ± 0.023881	0.9992	EXP 150 of 150	90.912348 ± 0.023648	0.9007	EXP 150 of 150
16D44980	11.2 %	0.1373919 ± 0.0005709	0.1806	EXP 150 of 150	107.030172 ± 0.023570	0.9986	EXP 150 of 150	1.5970056 ± 0.0161859	0.2143	EXP 150 of 150	123.507084 ± 0.023972	0.9992	EXP 150 of 150	89.511821 ± 0.022354	0.9245	EXP 150 of 150
16D44981	12.2 %	0.1379807 ± 0.0005706	0.1078	EXP 150 of 150	97.048861 ± 0.025157	0.9981	EXP 150 of 150	1.6348609 ± 0.0170425	0.1559	EXP 150 of 150	126.783533 ± 0.023784	0.9992	EXP 150 of 150	93.359874 ± 0.023515	0.8630	EXP 150 of 150
16D44983	13.4 %	0.1506553 ± 0.0006013	0.3073	EXP 149 of 150	91.739259 ± 0.022681	0.9983	EXP 150 of 150	1.7678679 ± 0.0173436	0.2275	EXP 150 of 150	134.181591 ± 0.022407	0.9994	EXP 150 of 150	101.310065 ± 0.020011	0.3227	EXP 150 of 150
16D44984	14.6 %	0.1513232 ± 0.0006113	0.3081	EXP 150 of 150	84.631873 ± 0.027014	0.9971	EXP 150 of 150	1.8452482 ± 0.0160132	0.2912	EXP 150 of 150	134.892325 ± 0.022507	0.9994	EXP 150 of 150	103.552531 ± 0.021595	0.2459	EXP 150 of 150
16D44985	16.0 %	0.1565165 ± 0.0006917	0.1822	EXP 150 of 150	76.530583 ± 0.022146	0.9976	EXP 150 of 150	1.8472666 ± 0.0168996	0.3390	EXP 150 of 150	132.389737 ± 0.025771	0.9992	EXP 150 of 150	105.311810 ± 0.022577	0.0029	EXP 150 of 150
16D44987	17.6 %	0.1482772 ± 0.0005492	0.2126	EXP 150 of 150	69.255299 ± 0.025522	0.9961	EXP 150 of 150	1.6940259 ± 0.0153424	0.1935	EXP 150 of 150	124.013101 ± 0.021939	0.9993	EXP 150 of 150	99.623586 ± 0.023232	0.1384	EXP 150 of 150
16D44988	19.3 %	0.1360698 ± 0.0005778	0.2608	EXP 150 of 150	62.174347 ± 0.020225	0.9969	EXP 150 of 150	1.4820336 ± 0.0179946	0.1629	EXP 150 of 150	106.438595 ± 0.023337	0.9990	EXP 150 of 150	86.759773 ± 0.023334	0.8581	EXP 150 of 150
16D44990	21.0 %	0.1191052 ± 0.0005408	0.1770	EXP 150 of 150	55.490300 ± 0.021514	0.9957	EXP 150 of 150	1.2386406 ± 0.0164306	0.2668	EXP 150 of 150	86.607140 ± 0.020832	0.9987	EXP 150 of 150	72.425805 ± 0.023328	0.9490	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
16D44937	1.8 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44939	1.9 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44940	2.0 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44941	2.1 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44943	2.2 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44944	2.3 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44945	2.4 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44947	2.5 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44948	2.6 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44949	2.7 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44951	2.8 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44952	2.9 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44953	3.0 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44955	3.2 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44956	3.4 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44957	3.6 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44959	3.8 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44960	4.0 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44961	4.3 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44963	4.6 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44964	4.9 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44965	5.2 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44967	5.5 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44968	5.8 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44969	6.2 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44971	6.6 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44972	7.0 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44973	7.6 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44975	8.2 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44976	8.9 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44977	9.6 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44979	10.4 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44980	11.2 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44981	12.2 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44983	13.4 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44984	14.6 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44985	16.0 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44987	17.6 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44988	19.3 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01
16D44990	21.0 %	Dan Miggins	16-OSU-10	0.00	0.00	23.56	Oregon\McClaghry (15-17)	16D44933	01

Irradiation Constants		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
16D44937	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
16D44939	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
16D44940	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
16D44941	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
16D44943	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
16D44944	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
16D44945	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
16D44947	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
16D44948	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
16D44949	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
16D44951	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
16D44952	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
16D44953	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
16D44955	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
16D44956	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
16D44957	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
16D44959	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
16D44960	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
16D44961	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
16D44963	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
16D44964	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
16D44965	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
16D44967	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
16D44968	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
16D44969	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
16D44971	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
16D44972	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
16D44973	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
16D44975	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
16D44976	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
16D44977	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
16D44979	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
16D44980	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
16D44981	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
16D44983	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
16D44984	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
16D44985	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
16D44987	17.6 %	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
16D44988	19.3 %	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
16D44990	21.0 %	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

16D44933.AGE >>> 159-DFWJ-15 >>> OREGON | MCCLAUGHRY (15-17) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

2.57 \pm 0.02

TOTAL FUSION

2.64 \pm 0.01

NORMAL ISOCHRON

2.68 \pm 0.11

INVERSE ISOCHRON

2.68 \pm 0.12

MSWD (PROBABILITY)

4.70 (0%)

Sample Info

Groundmass

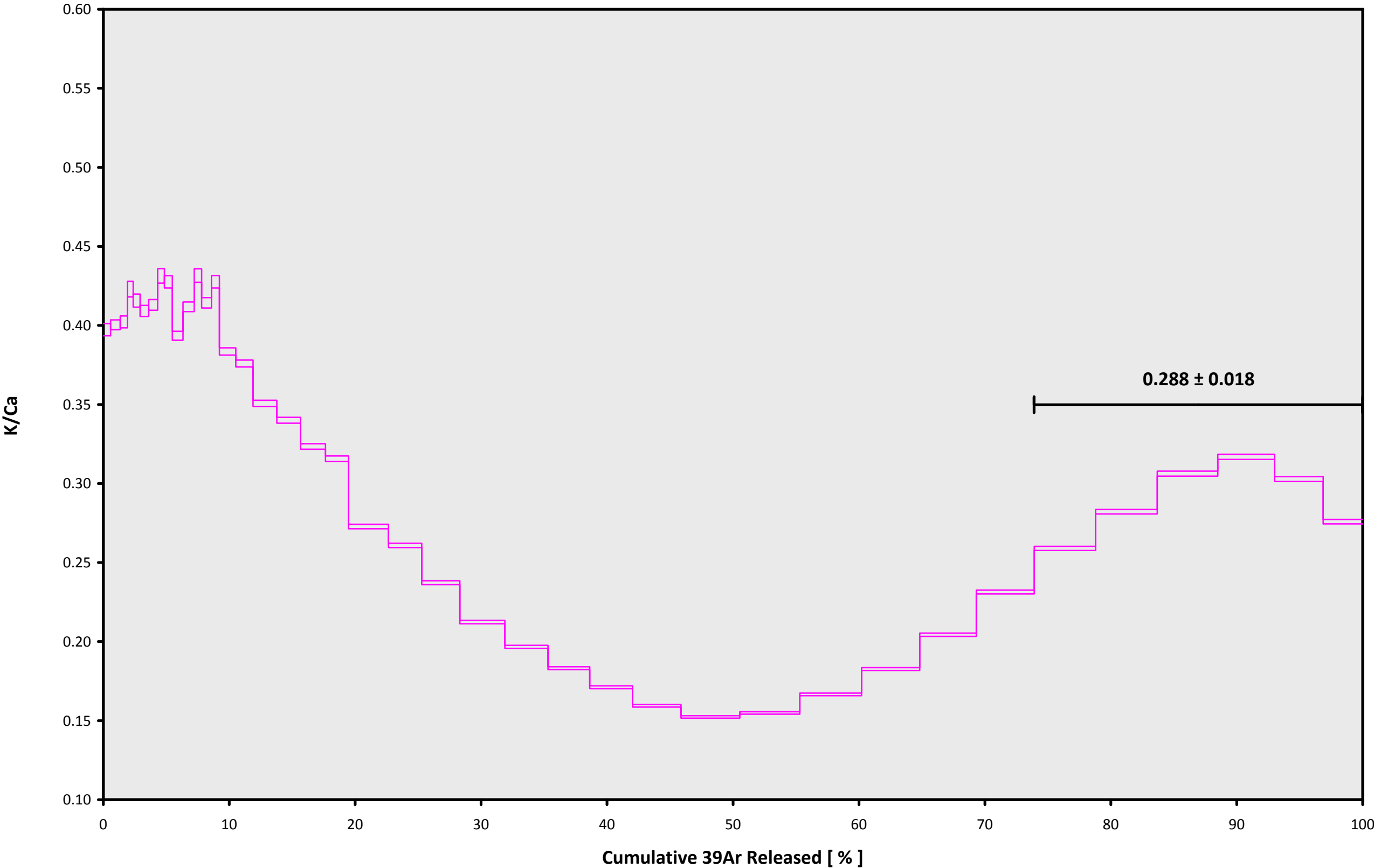
Dufur

Dan Miggins

IRR = 16-OSU-10 (10C13-16)

J = 0.00269624 \pm 0.00000356

16D44933.AGE >>> 159-DFWJ-15 >>> OREGON | MCCLAUGHRY (15-17) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

2.57 \pm 0.02

TOTAL FUSION

2.64 \pm 0.01

NORMAL ISOCHRON

2.68 \pm 0.11

INVERSE ISOCHRON

2.68 \pm 0.12

Sample Info

Groundmass

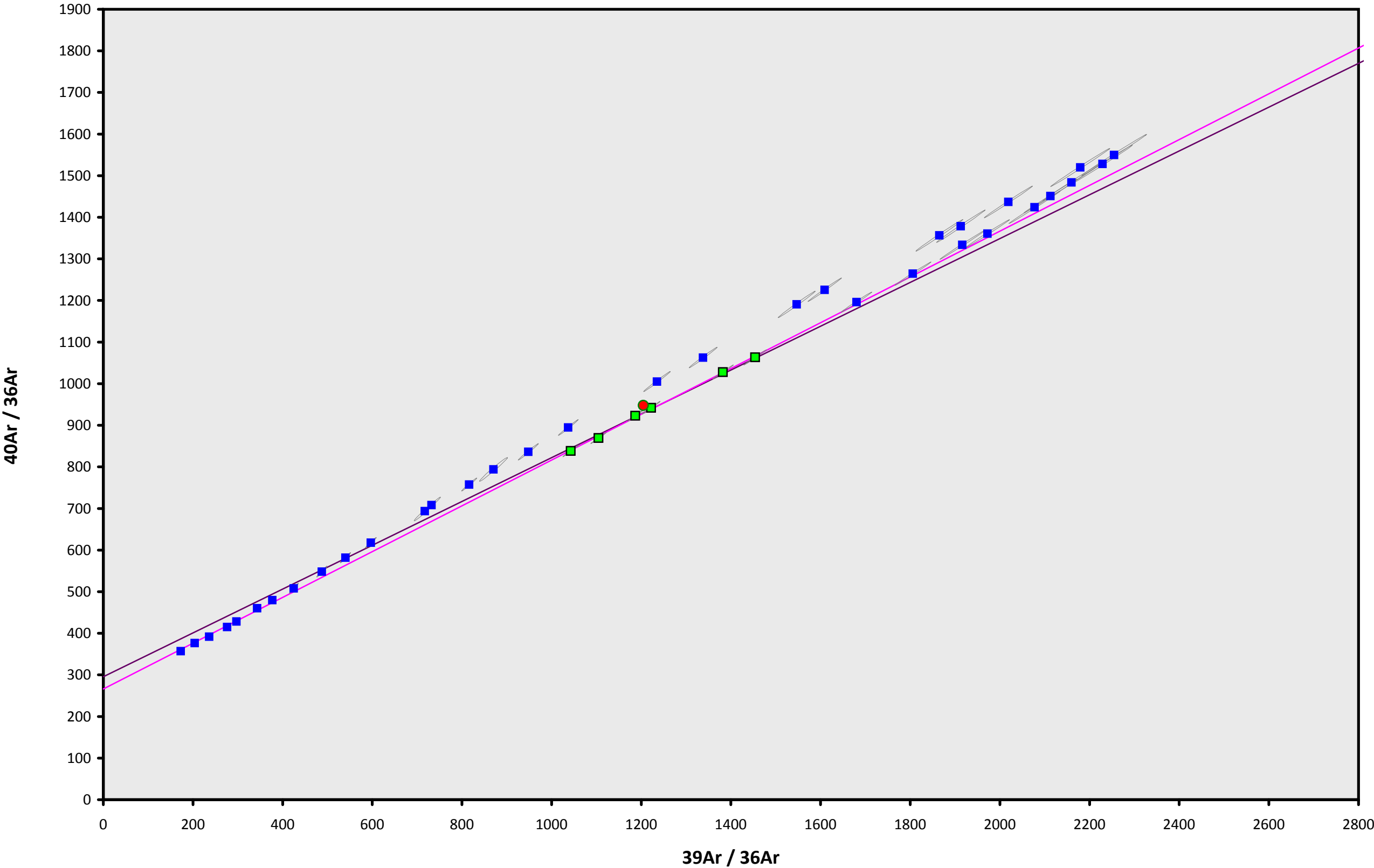
Dufur

Dan Miggins

IRR = 16-OSU-10 (10C13-16)

J = 0.00269624 \pm 0.00000356

16D44933.AGE >>> 159-DFWJ-15 >>> OREGON | MCCLAUGHRY (15-17) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

2.57 ± 0.02

TOTAL FUSION

2.64 ± 0.01

NORMAL ISOCHRON

2.68 ± 0.11

INVERSE ISOCHRON

2.68 ± 0.12

MSWD (PROBABILITY)

3.26 (1%)

40AR/36AR INTERCEPT

266.2 ± 29.0

Sample Info

Groundmass

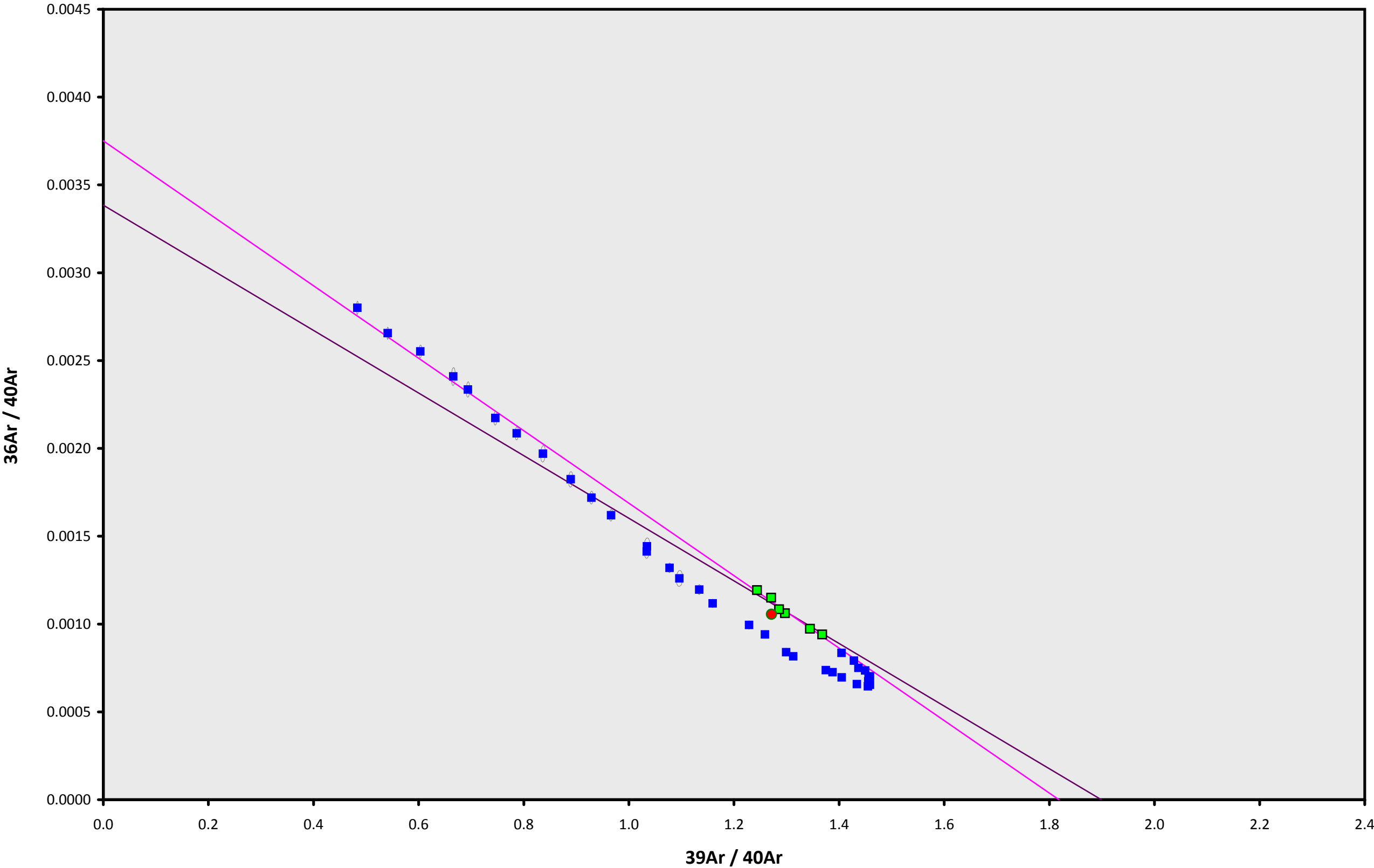
Dufur

Dan Miggins

IRR = 16-OSU-10 (10C13-16)

$J = 0.00269624 \pm 0.00000356$

16D44933.AGE >>> 159-DFWJ-15 >>> OREGON | MCCLAUGHRY (15-17) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

2.57 ± 0.02

TOTAL FUSION

2.64 ± 0.01

NORMAL ISOCHRON

2.68 ± 0.11

INVERSE ISOCHRON

2.68 ± 0.12

MSWD (PROBABILITY)

3.25 (1%)

SPREADING FACTOR

6.8%

40AR/36AR INTERCEPT

266.6 ± 29.3

Sample Info

Groundmass

Dufur

Dan Miggins

IRR = 16-OSU-10 (10C13-16)

$J = 0.00269624 \pm 0.00000356$