

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
16D44747	1.8 %	0.2299974	0.519	37.7701	0.360	1.702582	1.499	94.5593	0.101	94.3644	0.041	0.30700 ± 0.00755	1.51 ± 0.04	30.75	1.38	1.08 ± 0.01
16D44749	1.9 %	0.0559711	0.882	34.7587	0.364	1.360263	1.794	78.8506	0.102	46.0191	0.081	0.40496 ± 0.00392	2.00 ± 0.02	69.37	1.15	0.98 ± 0.01
16D44750	2.0 %	0.0221177	1.620	16.3029	0.492	0.595398	3.926	36.0537	0.119	20.8736	0.168	0.42966 ± 0.00629	2.12 ± 0.03	74.19	0.52	0.95 ± 0.01
16D44751	2.1 %	0.0235947	1.619	21.0535	0.432	0.736324	3.275	46.0363	0.111	27.6692	0.127	0.48197 ± 0.00526	2.38 ± 0.03	80.17	0.67	0.94 ± 0.01
16D44753	2.2 %	0.0157624	2.200	15.6595	0.502	0.511634	4.621	33.8039	0.120	20.6990	0.174	0.50739 ± 0.00656	2.50 ± 0.03	82.84	0.49	0.93 ± 0.01
16D44754	2.3 %	0.0249829	1.520	26.4532	0.399	0.831197	2.978	56.2429	0.108	35.9166	0.100	0.54075 ± 0.00436	2.67 ± 0.02	84.65	0.82	0.91 ± 0.01
16D44755	2.4 %	0.0224548	1.540	25.3674	0.408	0.743566	3.166	53.5391	0.107	34.9904	0.103	0.56329 ± 0.00424	2.78 ± 0.02	86.16	0.78	0.91 ± 0.01
16D44757	2.5 %	0.0182941	1.981	23.5286	0.414	0.690238	3.561	50.0546	0.108	33.2827	0.104	0.59032 ± 0.00469	2.91 ± 0.02	88.75	0.73	0.91 ± 0.01
16D44758	2.6 %	0.0187278	1.787	25.1197	0.413	0.700446	3.548	53.1252	0.107	35.8957	0.098	0.60511 ± 0.00418	2.98 ± 0.02	89.53	0.77	0.91 ± 0.01
16D44759	2.7 %	0.0180297	1.920	26.1672	0.399	0.730934	3.190	55.3864	0.107	37.9484	0.096	0.62254 ± 0.00416	3.07 ± 0.02	90.83	0.81	0.91 ± 0.01
16D44761	2.8 %	0.0126550	2.611	19.2191	0.479	0.535476	4.401	40.5937	0.113	27.8978	0.128	0.62878 ± 0.00534	3.10 ± 0.03	91.46	0.59	0.91 ± 0.01
16D44762	2.9 %	0.0164361	2.131	24.3871	0.402	0.660052	3.559	51.9490	0.107	36.1942	0.098	0.63657 ± 0.00445	3.14 ± 0.02	91.34	0.76	0.92 ± 0.01
16D44763	3.0 %	0.0209139	1.641	36.3574	0.364	0.928182	2.553	76.8684	0.102	54.6460	0.068	0.66412 ± 0.00314	3.27 ± 0.02	93.39	1.12	0.91 ± 0.01
16D44765	3.2 %	0.0175481	2.070	33.4665	0.373	0.886076	2.835	70.3200	0.103	49.2973	0.071	0.66115 ± 0.00351	3.26 ± 0.02	94.28	1.02	0.90 ± 0.01
16D44766	3.4 %	0.0242653	1.640	47.9927	0.345	1.228790	1.916	101.3286	0.100	71.1546	0.051	0.66512 ± 0.00279	3.28 ± 0.01	94.69	1.47	0.91 ± 0.01
16D44767	3.6 %	0.0195408	1.971	34.8203	0.368	0.899348	2.583	74.0578	0.103	52.5450	0.069	0.66493 ± 0.00352	3.28 ± 0.02	93.69	1.08	0.91 ± 0.01
16D44769	3.8 %	0.0208347	1.775	44.5621	0.350	1.113202	2.279	95.1607	0.101	66.6425	0.057	0.66886 ± 0.00280	3.30 ± 0.01	95.48	1.38	0.92 ± 0.01
16D44770	4.0 %	0.0207404	1.823	44.1805	0.352	1.109045	2.168	95.0403	0.101	66.6883	0.055	0.67017 ± 0.00284	3.30 ± 0.01	95.48	1.38	0.92 ± 0.01
16D44771	4.3 %	0.0243680	1.467	53.7134	0.341	1.353456	1.838	115.6185	0.100	81.8636	0.046	0.67872 ± 0.00239	3.34 ± 0.01	95.83	1.68	0.93 ± 0.01
16D44773	4.6 %	0.0289271	1.506	64.2359	0.334	1.617893	1.515	138.6197	0.099	96.9083	0.039	0.67028 ± 0.00237	3.30 ± 0.01	95.85	2.02	0.93 ± 0.01
16D44774	4.9 %	0.0410915	1.223	96.5314	0.326	2.393066	0.995	207.6948	0.098	143.9307	0.026	0.66749 ± 0.00200	3.29 ± 0.01	96.29	3.02	0.92 ± 0.01
16D44775	5.2 %	0.0355452	1.148	85.9303	0.328	2.137393	1.211	186.3103	0.098	128.2208	0.029	0.66451 ± 0.00191	3.28 ± 0.01	96.53	2.71	0.93 ± 0.01
16D44777	5.5 %	0.0695271	0.837	177.2201	0.320	4.278735	0.605	379.0647	0.097	258.2134	0.017	0.66016 ± 0.00162	3.25 ± 0.01	96.88	5.52	0.92 ± 0.01
16D44778	5.8 %	0.0476350	1.048	122.2770	0.323	2.993753	0.790	264.9979	0.098	178.6748	0.023	0.65382 ± 0.00175	3.22 ± 0.01	96.94	3.86	0.93 ± 0.01
16D44779	6.2 %	0.0594205	0.932	153.6063	0.321	3.741191	0.703	331.3763	0.097	221.6297	0.018	0.64869 ± 0.00166	3.20 ± 0.01	96.96	4.82	0.93 ± 0.01
16D44781	6.6 %	0.0508579	0.976	130.5563	0.322	3.179284	0.814	283.4395	0.098	188.1864	0.021	0.64354 ± 0.00168	3.17 ± 0.01	96.90	4.12	0.93 ± 0.01
16D44782	7.0 %	0.0599432	0.926	154.0955	0.321	3.760450	0.671	332.6816	0.098	219.4380	0.019	0.63919 ± 0.00164	3.15 ± 0.01	96.87	4.84	0.93 ± 0.01
16D44783	7.6 %	0.0823833	0.775	210.3048	0.320	5.115107	0.522	447.1389	0.097	292.5196	0.014	0.63315 ± 0.00154	3.12 ± 0.01	96.75	6.51	0.91 ± 0.01
16D44785	8.2 %	0.0743462	0.790	186.3641	0.320	4.566208	0.578	396.4312	0.097	258.3089	0.017	0.62954 ± 0.00156	3.10 ± 0.01	96.59	5.77	0.91 ± 0.01
16D44786	8.9 %	0.1031562	0.681	253.8758	0.319	6.141350	0.431	525.2340	0.097	340.6164	0.013	0.62489 ± 0.00150	3.08 ± 0.01	96.33	7.64	0.89 ± 0.01
16D44787	9.6 %	0.1080264	0.697	246.9403	0.319	5.731172	0.456	495.3144	0.097	321.7042	0.013	0.62067 ± 0.00155	3.06 ± 0.01	95.53	7.21	0.86 ± 0.01
16D44789	10.4 %	✓ 0.0889403	0.724	181.9785	0.320	4.123006	0.621	353.0555	0.097	231.2368	0.017	0.61747 ± 0.00167	3.04 ± 0.01	94.24	5.14	0.83 ± 0.01
16D44790	11.2 %	✓ 0.1053061	0.698	191.5397	0.321	4.069318	0.602	343.4618	0.097	228.2959	0.018	0.61438 ± 0.00180	3.03 ± 0.01	92.40	5.00	0.77 ± 0.01
16D44791	12.2 %	✓ 0.1057939	0.649	162.0159	0.321	3.169701	0.793	265.3225	0.098	182.3191	0.022	0.61382 ± 0.00201	3.03 ± 0.01	89.29	3.86	0.70 ± 0.00
16D44793	13.4 %	✓ 0.1136827	0.638	135.3246	0.322	2.376735	1.008	199.0897	0.098	144.9658	0.026	0.60936 ± 0.00253	3.00 ± 0.01	83.65	2.90	0.63 ± 0.00
16D44794	14.6 %	✓ 0.1230881	0.661	111.8021	0.324	1.795844	1.375	145.6567	0.099	116.2923	0.032	0.60558 ± 0.00358	2.98 ± 0.02	75.81	2.12	0.56 ± 0.00
16D44795	16.0 %	✓ 0.1284744	0.636	90.1787	0.326	1.283968	1.855	103.7305	0.100	93.5951	0.039	0.60125 ± 0.00489	2.96 ± 0.02	66.60	1.51	0.49 ± 0.00
16D44797	17.6 %	✓ 0.1692533	0.602	98.8896	0.325	1.160766	2.205	89.5167	0.101	95.5840	0.039	0.59263 ± 0.00692	2.92 ± 0.03	55.46	1.30	0.39 ± 0.00
16D44798	19.3 %	✓ 0.1667673	0.550	74.8938	0.331	0.817778	3.080	61.7359	0.103	79.5066	0.047	0.58175 ± 0.00898	2.87 ± 0.04	45.14	0.90	0.35 ± 0.00
16D44800	21.0 %	✓ 0.1473676	0.593	61.4713	0.335	0.615741	4.100	43.6706	0.113	64.1888	0.041	0.58020 ± 0.01201	2.86 ± 0.06	39.44	0.64	0.31 ± 0.00

Σ 2.5367683 0.146 3580.9121 0.065 82.384670 0.190 6872.1321 0.020 4778.9242 0.005

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 = 146-DFWJ-15 Material = Groundmass Location = Dufur Region = Central Cordillera of ... Analyst = Dan Miggins Irradiation = 16-OSU-10 (10C7-16) Position = X: 0 Y: 0 Z/H: 12.06824 mm FCT-NM Age = 28.201 ± 0.023 Ma FCT-NM Reference = Kuiper et al (2008) FCT-NM 40Ar/39Ar Ratio = 5.76167 ± 0.00772 FCT-NM J-value = 0.00272792 ± 0.00000366 Air Shot 40Ar/36Ar = 305.5020 ± 0.9746 Air Shot MDF = 0.99180453 ± 0.00096223 (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 Rock Class = Undefined Lithology = Undefined Lat-Lon = Undefined - Undefined	Age Plateau Error Mean		0.61264 ± 0.00442 ± 0.72%	3.02 ± 0.02 ± 0.77% Full External Error ± 0.07 Analytical Error ± 0.02	24.07 0%	23.36 9	0.45 ± 0.11
	Total Fusion Age		0.62373 ± 0.00042 ± 0.07%	3.07 ± 0.01 ± 0.28% Full External Error ± 0.07 Analytical Error ± 0.00		40	0.82 ± 0.00
	Normal Isochron	279.42 ± 3.01 ± 1.08%	0.61796 ± 0.00153 ± 0.25%	3.05 ± 0.01 ± 0.36% Full External Error ± 0.07 Analytical Error ± 0.01	1.88 7%	23.36 9	
	Inverse Isochron	280.13 ± 2.89 ± 1.03%	0.61744 ± 0.00148 ± 0.24%	3.04 ± 0.01 ± 0.36% Full External Error ± 0.07 Analytical Error ± 0.01	1.3701 65 0.0000061411	23.36 9	
					2.07 1.3217 3 0.0002132416 53%	2σ Confidence Limit Error Magnification Number of Iterations Convergence 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
16D44747	1.8 %	0.2199039	37.7701	0.5214345	94.5337	29.0214	1.51 ± 0.04	30.75	1.38	1.08 ± 0.01
16D44749	1.9 %	0.0466877	34.7587	0.4006723	78.8272	31.9216	2.00 ± 0.02	69.37	1.15	0.98 ± 0.01
16D44750	2.0 %	0.0177655	16.3029	0.1572780	36.0427	15.4861	2.12 ± 0.03	74.19	0.52	0.95 ± 0.01
16D44751	2.1 %	0.0179761	21.0535	0.1777611	46.0221	22.1813	2.38 ± 0.03	80.17	0.67	0.94 ± 0.01
16D44753	2.2 %	0.0115854	15.6595	0.1017768	33.7934	17.1463	2.50 ± 0.03	82.84	0.49	0.93 ± 0.01
16D44754	2.3 %	0.0179283	26.4532	0.1495040	56.2250	30.4039	2.67 ± 0.02	84.65	0.82	0.91 ± 0.01
16D44755	2.4 %	0.0156931	25.3674	0.0948894	53.5219	30.1485	2.78 ± 0.02	86.16	0.78	0.91 ± 0.01
16D44757	2.5 %	0.0120227	23.5286	0.0842856	50.0387	29.5387	2.91 ± 0.02	88.75	0.73	0.91 ± 0.01
16D44758	2.6 %	0.0120345	25.1197	0.0574488	53.1082	32.1365	2.98 ± 0.02	89.53	0.77	0.91 ± 0.01
16D44759	2.7 %	0.0110572	26.1672	0.0608467	55.3688	34.4693	3.07 ± 0.02	90.83	0.81	0.91 ± 0.01
16D44761	2.8 %	0.0075339	19.2191	0.0444620	40.5807	25.5164	3.10 ± 0.03	91.46	0.59	0.91 ± 0.01
16D44762	2.9 %	0.0099397	24.3871	0.0316427	51.9325	33.0585	3.14 ± 0.02	91.34	0.76	0.92 ± 0.01
16D44763	3.0 %	0.0112319	36.3574	0.0000000	76.8438	51.0332	3.27 ± 0.02	93.39	1.12	0.91 ± 0.01
16D44765	3.2 %	0.0086335	33.4665	0.0363115	70.2974	46.4774	3.26 ± 0.02	94.28	1.02	0.90 ± 0.01
16D44766	3.4 %	0.0114846	47.9927	0.0045029	101.2962	67.3737	3.28 ± 0.01	94.69	1.47	0.91 ± 0.01
16D44767	3.6 %	0.0102679	34.8203	0.0042230	74.0342	49.2278	3.28 ± 0.02	93.69	1.08	0.91 ± 0.01
16D44769	3.8 %	0.0089678	44.5621	0.0000000	95.1306	63.6289	3.30 ± 0.01	95.48	1.38	0.92 ± 0.01
16D44770	4.0 %	0.0089751	44.1805	0.0000000	95.0105	63.6729	3.30 ± 0.01	95.48	1.38	0.92 ± 0.01
16D44771	4.3 %	0.0100641	53.7134	0.0000000	115.5822	78.4478	3.34 ± 0.01	95.83	1.68	0.93 ± 0.01
16D44773	4.6 %	0.0118211	64.2359	0.0000000	138.5763	92.8854	3.30 ± 0.01	95.85	2.02	0.93 ± 0.01
16D44774	4.9 %	0.0153852	96.5314	0.0000000	207.6295	138.5906	3.29 ± 0.01	96.29	3.02	0.92 ± 0.01
16D44775	5.2 %	0.0126620	85.9303	0.0000000	186.2522	123.7671	3.28 ± 0.01	96.53	2.71	0.93 ± 0.01
16D44777	5.5 %	0.0223333	177.2201	0.0000000	378.9450	250.1652	3.25 ± 0.01	96.88	5.52	0.92 ± 0.01
16D44778	5.8 %	0.0150726	122.2770	0.0000000	264.9153	173.2081	3.22 ± 0.01	96.94	3.86	0.93 ± 0.01
16D44779	6.2 %	0.0185151	153.6063	0.0000000	331.2726	214.8920	3.20 ± 0.01	96.96	4.82	0.93 ± 0.01
16D44781	6.6 %	0.0160908	130.5563	0.0000000	283.3513	182.3483	3.17 ± 0.01	96.90	4.12	0.93 ± 0.01
16D44782	7.0 %	0.0189075	154.0955	0.0000000	332.5775	212.5794	3.15 ± 0.01	96.87	4.84	0.93 ± 0.01
16D44783	7.6 %	0.0263791	210.3048	0.0000000	446.9968	283.0157	3.12 ± 0.01	96.75	6.51	0.91 ± 0.01
16D44785	8.2 %	0.0247174	186.3641	0.0000000	396.3053	249.4898	3.10 ± 0.01	96.59	5.77	0.91 ± 0.01
16D44786	8.9 %	0.0355491	253.8758	0.0000000	525.0625	328.1043	3.08 ± 0.01	96.33	7.64	0.89 ± 0.01
16D44787	9.6 %	0.0422662	246.9403	0.0000000	495.1475	307.3216	3.06 ± 0.01	95.53	7.21	0.86 ± 0.01
16D44789	10.4 %	✓ 0.0404794	181.9785	0.0000000	352.9326	217.9259	3.04 ± 0.01	94.24	5.14	0.83 ± 0.01
16D44790	11.2 %	✓ 0.0542990	191.5397	0.0000000	343.3324	210.9380	3.03 ± 0.01	92.40	5.00	0.77 ± 0.01
16D44791	12.2 %	✓ 0.0626491	162.0159	0.0000000	265.2130	162.7924	3.03 ± 0.01	89.29	3.86	0.70 ± 0.00
16D44793	13.4 %	✓ 0.0776458	135.3246	0.0000000	198.9983	121.2607	3.00 ± 0.01	83.65	2.90	0.63 ± 0.00
16D44794	14.6 %	✓ 0.0933139	111.8021	0.0188890	145.5812	88.1615	2.98 ± 0.02	75.81	2.12	0.56 ± 0.00
16D44795	16.0 %	✓ 0.1044590	90.1787	0.0107221	103.6695	62.3311	2.96 ± 0.02	66.60	1.51	0.49 ± 0.00
16D44797	17.6 %	✓ 0.1429155	98.8896	0.0507838	89.4499	53.0105	2.92 ± 0.03	55.46	1.30	0.39 ± 0.00
16D44798	19.3 %	✓ 0.1468202	74.8938	0.0428236	61.6853	35.8854	2.87 ± 0.04	45.14	0.90	0.35 ± 0.00
16D44800	21.0 %	✓ 0.1309936	61.4713	0.0619435	43.6291	25.3134	2.86 ± 0.06	39.44	0.64	0.31 ± 0.00

Σ 1.5830279 3580.9121 2.1122016 6869.7128 4284.8766

Information on Analysis	Results	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (% <i>n</i>)	K/Ca ± 2σ
Project = MCCLAUGHRY (15-17) Sample = 146-DFWJ-15 Material = Groundmass Location = Dufur Region = Central Cordillera of ... Analyst = Dan Miggins Irradiation = 16-OSU-10 (10C7-16) J = 0.00272792 ± 0.00000366 FCT-NM = 28.201 ± 0.023 Ma	Age Plateau Error Mean	0.61264 ± 0.00442 ± 0.72%	3.02 ± 0.02 ± 0.77% Full External Error ± 0.07 Analytical Error ± 0.02	24.07 0% 2.00 4.9064	23.36 9 2σ Confidence Limit Error Magnification	0.45 ± 0.11
	Total Fusion Age	0.62373 ± 0.00042 ± 0.07%	3.07 ± 0.01 ± 0.28% Full External Error ± 0.07 Analytical Error ± 0.00		40	0.82 ± 0.00

Normal Isochron		39(k)/36(a) ± 2σ		40(a+r)/36(a) ± 2σ	r.i.
16D44747	1.8 %		429.89 ± 4.75	427.47 ± 4.66	0.9800
16D44749	1.9 %		1688.39 ± 35.96	979.23 ± 20.83	0.9923
16D44750	2.0 %		2028.80 ± 82.12	1167.19 ± 47.33	0.9947
16D44751	2.1 %		2560.18 ± 109.20	1529.43 ± 65.27	0.9968
16D44753	2.2 %		2916.90 ± 175.13	1775.50 ± 106.70	0.9975
16D44754	2.3 %		3136.10 ± 133.43	1991.36 ± 84.71	0.9976
16D44755	2.4 %		3410.55 ± 151.00	2216.64 ± 98.13	0.9977
16D44757	2.5 %		4162.02 ± 251.80	2752.41 ± 166.52	0.9987
16D44758	2.6 %		4412.99 ± 246.52	2965.86 ± 165.67	0.9986
16D44759	2.7 %		5007.47 ± 314.90	3412.86 ± 214.60	0.9989
16D44761	2.8 %		5386.38 ± 474.03	3682.35 ± 324.10	0.9992
16D44762	2.9 %		5224.77 ± 369.54	3621.42 ± 256.13	0.9991
16D44763	3.0 %		6841.56 ± 420.93	4839.08 ± 297.64	0.9992
16D44765	3.2 %		8142.42 ± 688.84	5678.89 ± 480.35	0.9996
16D44766	3.4 %		8820.21 ± 616.12	6161.96 ± 430.30	0.9995
16D44767	3.6 %		7210.29 ± 543.55	5089.87 ± 383.63	0.9995
16D44769	3.8 %		10607.97 ± 881.68	7390.72 ± 614.16	0.9996
16D44770	4.0 %		10585.99 ± 898.41	7389.89 ± 627.04	0.9996
16D44771	4.3 %		11484.62 ± 825.08	8090.33 ± 581.06	0.9995
16D44773	4.6 %		11722.82 ± 873.20	8153.11 ± 607.13	0.9996
16D44774	4.9 %		13495.39 ± 897.06	9303.53 ± 618.18	0.9995
16D44775	5.2 %		14709.57 ± 967.83	10070.21 ± 662.32	0.9995
16D44777	5.5 %		16967.68 ± 920.93	11496.92 ± 623.62	0.9993
16D44778	5.8 %		17575.95 ± 1195.24	11787.08 ± 801.27	0.9996
16D44779	6.2 %		17892.03 ± 1106.73	11901.82 ± 735.86	0.9995
16D44781	6.6 %		17609.53 ± 1119.73	11627.97 ± 739.06	0.9995
16D44782	7.0 %		17589.69 ± 1067.86	11538.61 ± 700.16	0.9995
16D44783	7.6 %		16945.10 ± 859.45	11024.28 ± 558.76	0.9992
16D44785	8.2 %		16033.44 ± 795.46	10389.19 ± 515.06	0.9992
16D44786	8.9 %		14770.07 ± 617.31	9525.11 ± 397.68	0.9989
16D44787	9.6 %		11714.97 ± 437.14	7566.59 ± 281.98	0.9986
16D44789	10.4 %	✓	8718.81 ± 287.67	5679.12 ± 187.07	0.9982
16D44790	11.2 %	✓	6322.99 ± 176.62	4180.25 ± 116.50	0.9974
16D44791	12.2 %	✓	4233.31 ± 95.46	2893.98 ± 65.03	0.9960
16D44793	13.4 %	✓	2562.90 ± 48.87	1857.22 ± 35.24	0.9942
16D44794	14.6 %	✓	1560.12 ± 27.61	1240.28 ± 21.83	0.9930
16D44795	16.0 %	✓	992.44 ± 15.74	892.20 ± 14.06	0.9907
16D44797	17.6 %	✓	625.89 ± 9.06	666.42 ± 9.56	0.9887
16D44798	19.3 %	✓	420.14 ± 5.34	539.92 ± 6.79	0.9837
16D44800	21.0 %	✓	333.06 ± 4.52	488.74 ± 6.55	0.9840

Results	40(a)/36(a) ± 2σ		40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	279.42	± 3.01 ± 1.08%	0.61796	± 0.00153 ± 0.25% Full External Error ± 0.07 Analytical Error ± 0.01	3.05 ± 0.01 ± 0.36% 1.88 7%
Statistics	2σ Confidence Limit	2.07	Convergence	0.000006141094	
	Error Magnification	1.3701	Number of Iterations	65	
	Number of Data Points	9	Calculated Line	Weighted York-2	

Inverse Isochron		39(k)/40(a+r) ± 2σ		36(a)/40(a+r) ± 2σ	r.i.
16D44747	1.8 %		1.0056461 ± 0.0022162	0.00233933 ± 0.00002551	0.0306
16D44749	1.9 %		1.7242121 ± 0.0045418	0.00102122 ± 0.00002172	0.0497
16D44750	2.0 %		1.7381871 ± 0.0072175	0.00085676 ± 0.00003474	0.0690
16D44751	2.1 %		1.6739399 ± 0.0057013	0.00065384 ± 0.00002790	0.0459
16D44753	2.2 %		1.6428625 ± 0.0069888	0.00056322 ± 0.00003385	0.0483
16D44754	2.3 %		1.5748554 ± 0.0046602	0.00050217 ± 0.00002136	0.0327
16D44755	2.4 %		1.5386148 ± 0.0046120	0.00045113 ± 0.00001997	0.0330
16D44757	2.5 %		1.5121368 ± 0.0045751	0.00036332 ± 0.00002198	0.0246
16D44758	2.6 %		1.4879284 ± 0.0043685	0.00033717 ± 0.00001883	0.0245
16D44759	2.7 %		1.4672367 ± 0.0042492	0.00029301 ± 0.00001842	0.0210
16D44761	2.8 %		1.4627545 ± 0.0050368	0.00027157 ± 0.00002390	0.0221
16D44762	2.9 %		1.4427437 ± 0.0042278	0.00027614 ± 0.00001953	0.0193
16D44763	3.0 %		1.4138125 ± 0.0035060	0.00020665 ± 0.00001271	0.0128
16D44765	3.2 %		1.4338043 ± 0.0036192	0.00017609 ± 0.00001489	0.0100
16D44766	3.4 %		1.4313968 ± 0.0032465	0.00016229 ± 0.00001133	0.0071
16D44767	3.6 %		1.4165979 ± 0.0035356	0.00019647 ± 0.00001481	0.0107
16D44769	3.8 %		1.4353083 ± 0.0033596	0.00013530 ± 0.00001124	0.0072
16D44770	4.0 %		1.4324972 ± 0.0033170	0.00013532 ± 0.00001148	0.0066
16D44771	4.3 %		1.4195493 ± 0.0031393	0.00012360 ± 0.00000888	0.0058
16D44773	4.6 %		1.4378343 ± 0.0030866	0.00012265 ± 0.00000913	0.0043
16D44774	4.9 %		1.4505661 ± 0.0029716	0.00010749 ± 0.00000714	0.0027
16D44775	5.2 %		1.4607012 ± 0.0030301	0.00009930 ± 0.00000653	0.0032
16D44777	5.5 %		1.4758455 ± 0.0029512	0.00008698 ± 0.00000472	0.0019
16D44778	5.8 %		1.4911195 ± 0.0030308	0.00008484 ± 0.00000577	0.0023
16D44779	6.2 %		1.5033022 ± 0.0030165	0.00008402 ± 0.00000519	0.0019
16D44781	6.6 %		1.5144120 ± 0.0030617	0.00008600 ± 0.00000547	0.0022
16D44782	7.0 %		1.5244198 ± 0.0030667	0.00008667 ± 0.00000526	0.0020
16D44783	7.6 %		1.5370713 ± 0.0030580	0.00009071 ± 0.00000460	0.0018
16D44785	8.2 %		1.5432822 ± 0.0030862	0.00009625 ± 0.00000477	0.0021
16D44786	8.9 %		1.5506451 ± 0.0030811	0.00010499 ± 0.00000438	0.0020
16D44787	9.6 %		1.5482491 ± 0.0030768	0.00013216 ± 0.00000493	0.0023
16D44789	10.4 %	✓	1.5352401 ± 0.0030738	0.00017608 ± 0.00000580	0.0033
16D44790	11.2 %	✓	1.5125883 ± 0.0030366	0.00023922 ± 0.00000667	0.0041
16D44791	12.2 %	✓	1.4627986 ± 0.0029631	0.00034554 ± 0.00000776	0.0063
16D44793	13.4 %	✓	1.3799682 ± 0.0028309	0.00053844 ± 0.00001022	0.0091
16D44794	14.6 %	✓	1.2578761 ± 0.0026370	0.00080627 ± 0.00001419	0.0132
16D44795	16.0 %	✓	1.1123493 ± 0.0024050	0.00112082 ± 0.00001766	0.0193
16D44797	17.6 %	✓	0.9391845 ± 0.0020413	0.00150055 ± 0.00002153	0.0207
16D44798	19.3 %	✓	0.7781597 ± 0.0017759	0.00185213 ± 0.00002328	0.0322
16D44800	21.0 %	✓	0.6814698 ± 0.0016462	0.00204607 ± 0.00002744	0.0211

Results	40(a)/36(a) ± 2σ		40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	280.13 ± 2.89 ± 1.03%		0.61744 ± 0.00148 ± 0.24%	3.04 ± 0.01 ± 0.36%	1.75 9%
Full External Error ± 0.07 Analytical Error ± 0.01					
Statistics	2σ Confidence Limit	2.07	Convergence	0.0002132416	
	Error Magnification	1.3217	Number of Iterations	3	
	Number of Data Points	9	Calculated Line	Weighted York-2	
	Spreading Factor	52.7%			

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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
16D44747	1.8 %	0.2199039	0.54	0.0000000	0.00	0.0100582	0.39	0.0000354	5.00	37.7701	0.36	0.0411000	0.54	0.0000000	0.00	1.137335	0.19	0.0027119	12.83	0.5214345	5.08	94.5337	0.10	0.0255175	1.37	29.0214	1.23	64.98159	0.54	0.0000000	0.00	0.361402	2.66
16D44749	1.9 %	0.0466877	1.06	0.0000000	0.00	0.0092562	0.39	0.0000272	6.18	34.7587	0.36	0.0087259	1.06	0.0000000	0.00	0.948370	0.19	0.0024957	12.83	0.4006723	6.25	78.8272	0.10	0.0234830	1.37	31.9216	0.47	13.79622	1.06	0.0000000	0.00	0.301356	2.66
16D44750	2.0 %	0.0177655	2.02	0.0000000	0.00	0.0043415	0.51	0.0000107	14.90	16.3029	0.49	0.0033204	2.02	0.0000000	0.00	0.433629	0.20	0.0011705	12.83	0.1572780	14.93	36.0427	0.12	0.0110143	1.41	15.4861	0.72	5.24972	2.02	0.0000000	0.00	0.137791	2.66
16D44751	2.1 %	0.0179761	2.13	0.0000000	0.00	0.0056066	0.46	0.0000121	13.61	21.0535	0.43	0.0033597	2.13	0.0000000	0.00	0.553692	0.19	0.0015116	12.83	0.1777611	13.64	46.0221	0.11	0.0142238	1.39	22.1813	0.53	5.31195	2.13	0.0000000	0.00	0.175942	2.66
16D44753	2.2 %	0.0115854	3.00	0.0000000	0.00	0.0041701	0.52	0.0000069	23.26	15.6595	0.50	0.0021653	3.00	0.0000000	0.00	0.406568	0.20	0.0011244	12.83	0.1017768	23.28	33.7934	0.12	0.0105796	1.41	17.1463	0.63	3.42347	3.00	0.0000000	0.00	0.129192	2.66
16D44754	2.3 %	0.0179283	2.12	0.0000000	0.00	0.0070445	0.43	0.0000102	16.60	26.4532	0.40	0.0033508	2.12	0.0000000	0.00	0.676443	0.19	0.0018993	12.83	0.1495040	16.63	56.2250	0.11	0.0178718	1.38	30.4039	0.39	5.29782	2.12	0.0000000	0.00	0.214948	2.66
16D44755	2.4 %	0.0156931	2.21	0.0000000	0.00	0.0067553	0.44	0.0000064	24.86	25.3674	0.41	0.0029330	2.21	0.0000000	0.00	0.643922	0.19	0.0018214	12.83	0.0948894	24.88	53.5219	0.11	0.0171382	1.38	30.1485	0.36	4.63730	2.21	0.0000000	0.00	0.204614	2.66
16D44757	2.5 %	0.0120227	3.02	0.0000000	0.00	0.0062657	0.44	0.0000057	29.21	23.5286	0.41	0.0022470	3.02	0.0000000	0.00	0.602016	0.19	0.0016894	12.83	0.0842856	29.22	50.0387	0.11	0.0158959	1.38	29.5387	0.38	3.55271	3.02	0.0000000	0.00	0.191298	2.66
16D44758	2.6 %	0.0120345	2.79	0.0000000	0.00	0.0066894	0.44	0.0000039	43.32	25.1197	0.41	0.0022492	2.79	0.0000000	0.00	0.638945	0.19	0.0018036	12.83	0.0574488	43.33	53.1082	0.11	0.0169709	1.38	32.1365	0.33	3.55620	2.79	0.0000000	0.00	0.203033	2.66
16D44759	2.7 %	0.0110572	3.14	0.0000000	0.00	0.0069683	0.43	0.0000041	38.39	26.1672	0.40	0.0020666	3.14	0.0000000	0.00	0.666141	0.19	0.0018788	12.83	0.0608467	38.41	55.3688	0.11	0.0176785	1.38	34.4693	0.32	3.26741	3.14	0.0000000	0.00	0.211675	2.66
16D44761	2.8 %	0.0075339	4.40	0.0000000	0.00	0.0051180	0.50	0.0000030	53.06	19.2191	0.48	0.0014081	4.40	0.0000000	0.00	0.488226	0.20	0.0013799	12.83	0.0444620	53.06	40.5807	0.11	0.0129844	1.40	25.5164	0.41	2.22628	4.40	0.0000000	0.00	0.155140	2.66
16D44762	2.9 %	0.0099397	3.53	0.0000000	0.00	0.0064943	0.43	0.0000022	74.34	24.3871	0.40	0.0018577	3.53	0.0000000	0.00	0.624801	0.19	0.0017510	12.83	0.0316427	74.35	51.9325	0.11	0.0164759	1.38	33.0585	0.33	2.93717	3.53	0.0000000	0.00	0.198538	2.66
16D44763	3.0 %	0.0112319	3.07	0.0000000	0.00	0.0096820	0.39	0.0000000	0.00	36.3574	0.36	0.0020992	3.07	0.0000000	0.00	0.924508	0.19	0.0026105	12.83	0.0000000	0.00	76.8438	0.10	0.0245631	1.37	51.0332	0.21	3.31903	3.07	0.0000000	0.00	0.293774	2.66
16D44765	3.2 %	0.0086335	4.23	0.0000000	0.00	0.0089121	0.40	0.0000025	69.34	33.4665	0.37	0.0016136	4.23	0.0000000	0.00	0.845748	0.19	0.0024029	12.83	0.0363115	69.35	70.2974	0.10	0.0226100	1.37	46.4774	0.24	2.55119	4.23	0.0000000	0.00	0.268747	2.66
16D44766	3.4 %	0.0114846	3.49	0.0000000	0.00	0.0127805	0.38	0.0000003	525.50	47.9927	0.34	0.0021465	3.49	0.0000000	0.00	1.218694	0.19	0.0034459	12.82	0.0045029	525.50	101.2962	0.10	0.0324239	1.36	67.3737	0.18	3.39369	3.49	0.0000000	0.00	0.387255	2.66
16D44767	3.6 %	0.0102679	3.77	0.0000000	0.00	0.0092726	0.40	0.0000003	551.65	34.8203	0.37	0.0019191	3.77	0.0000000	0.00	0.890706	0.19	0.0025001	12.83	0.0042230	551.65	74.0342	0.10	0.0235246	1.37	49.2278	0.24	3.03415	3.77	0.0000000	0.00	0.283033	2.66
16D44769	3.8 %	0.0089678	4.15	0.0000000	0.00	0.0118669	0.38	0.0000000	0.00	44.5621	0.35	0.0016761	4.15	0.0000000	0.00	1.144516	0.19	0.0031996	12.82	0.0000000	0.00	95.1306	0.10	0.0301062	1.37	63.6289	0.18	2.65000	4.15	0.0000000	0.00	0.363684	2.66
16D44770	4.0 %	0.0089751	4.24	0.0000000	0.00	0.0117653	0.38	0.0000000	0.00	44.1805	0.35	0.0016774	4.24	0.0000000	0.00	1.143071	0.19	0.0031722	12.82	0.0000000	0.00	95.0105	0.10	0.0298483	1.37	63.6729	0.19	2.65214	4.24	0.0000000	0.00	0.363225	2.66
16D44771	4.3 %	0.0100641	3.59	0.0000000	0.00	0.0143039	0.37	0.0000000	0.00	53.7134	0.34	0.0018810	3.59	0.0000000	0.00	1.390569	0.19	0.0038566	12.82	0.0000000	0.00	115.5822	0.10	0.0362888	1.36	78.4478	0.14	2.97394	3.59	0.0000000	0.00	0.441871	2.66
16D44773	4.6 %	0.0118211	3.72	0.0000000	0.00	0.0171060	0.37	0.0000000	0.00	64.2359	0.33	0.0022094	3.72	0.0000000	0.00	1.667212	0.19	0.0046121	12.82	0.0000000	0.00	138.5763	0.10	0.0433978	1.36	92.8854	0.15	3.49313	3.72	0.0000000	0.00	0.529777	2.66
16D44774	4.9 %	0.0153852	3.32	0.0000000	0.00	0.0257063	0.36	0.0000000	0.00	96.5314	0.33	0.0028755	3.32	0.0000000	0.00	2.497991	0.19	0.0069310	12.82	0.0000000	0.00	207.6295	0.10	0.0652166	1.36	138.5906	0.11	4.54633	3.32	0.0000000	0.00	0.793768	2.66
16D44775	5.2 %	0.0126620	3.29	0.0000000	0.00	0.0228832	0.36	0.0000000	0.00	85.9303	0.33	0.0023665	3.29	0.0000000	0.00	2.240800	0.19	0.0061698	12.82	0.0000000	0.00	186.2522	0.10	0.0580545	1.36	123.7671	0.11	3.74161	3.29	0.0000000	0.00	0.712042	2.66
16D44777	5.5 %	0.0223333	2.71	0.0000000	0.00	0.0471937	0.35	0.0000000	0.00	177.2201	0.32	0.0041741	2.71	0.0000000	0.00	4.559087	0.19	0.0127244	12.82	0.0000000	0.00	378.9450	0.10	0.1197299	1.36	250.1652	0.08	6.59950	2.71	0.0000000	0.00	1.448707	2.66
16D44778	5.8 %	0.0150726	3.40	0.0000000	0.00	0.0325624	0.36	0.0000000	0.00	122.2770	0.32	0.0028171	3.40	0.0000000	0.00	3.187196	0.19	0.0087795	12.82	0.0000000	0.00	264.9153	0.10	0.0826103	1.36	173.2081	0.09	4.45395	3.40	0.0000000	0.00	1.012771	2.66
16D44779	6.2 %	0.0185151	3.09	0.0000000	0.00	0.0409054	0.35	0.0000000	0.00	153.6063	0.32	0.0034605	3.09	0.0000000	0.00	3.985540	0.19	0.0110289	12.82	0.0000000	0.00	331.2726	0.10	0.1037764	1.36	214.8920	0.08	5.47121	3.09	0.0000000	0.00	1.266455	2.66
16D44781	6.6 %	0.0160908	3.18	0.0000000	0.00	0.0347672	0.36	0.0000000	0.00	130.5563	0.32	0.0030074	3.18	0.0000000	0.00	3.408999	0.19	0.0093739	12.82	0.0000000	0.00	283.3513	0.10	0.0882039	1.36	182.3483	0.09	4.75483	3.18	0.0000000	0.00	1.083252	2.66
16D44782	7.0 %	0.0189075	3.03	0.0000000	0.00	0.0410356	0.35	0.0000000	0.00	154.0955	0.32	0.0035338	3.03	0.0000000	0.00	4.001239	0.19	0.0110641	12.82	0.0000000	0.00	332.5775	0.10	0.1041069	1.36	212.5794	0.08	5.58717	3.03	0.0000000	0.00	1.271444	2.66
16D44783	7.6 %	0.0263791	2.53	0.0000000	0.00	0.0560042	0.35	0.0000000	0.00	210.3048	0.32	0.0049303	2.53	0.0000000	0.00	5.377819	0.19	0.0150999	12.82	0.0000000	0.00	446.9968	0.10	0.1420819	1.36	283.0157	0.07	7.79503	2.53	0.0000000	0.00	1.708869	2.66
16D44785	8.2 %	0.0247174	2.48	0.0000000	0.00	0.0496288	0.35	0.0000000	0.00	186.3641	0.32	0.0046197	2.48	0.0000000	0.00	4.767949	0.19	0.0133809	12.82	0.0000000	0.00	396.3053	0.10	0.1259076	1.36	249.4898	0.08	7.30400	2.48	0.0000000	0.00	1.515075	2.66
16D44786	8.9 %	0.0355491	2.09	0.0000000	0.00	0.0676071	0.35	0.0000000	0.00	253.8758	0.32	0.0066441	2.09	0.0000000	0.00	6.317027	0.19	0.0182283	12.82	0.0000000	0.00	525.0625	0.10	0.1715185	1.36	328.1043	0.07	10.50476	2.09	0.0000000	0.00	2.007314	2.66
16D44787	9.6 %	0.0422662	1.86	0.0000000	0.00	0.0657602	0.35																										

Additional Parameters		40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
16D44747	1.8 %	0.997939	0.001094	0.399433	0.001496	0.002432	0.000013	41.761	2.314678	1.00029987	4.529E-12
16D44749	1.9 %	0.583624	0.000760	0.440817	0.001665	0.000710	0.000006	41.775	2.315313	1.00029996	2.209E-12
16D44750	2.0 %	0.578958	0.001192	0.452185	0.002287	0.000613	0.000010	41.782	2.315631	1.00030001	1.002E-12
16D44751	2.1 %	0.601030	0.001015	0.457325	0.002039	0.000513	0.000008	41.789	2.315949	1.00030006	1.328E-12
16D44753	2.2 %	0.612325	0.001293	0.463245	0.002389	0.000466	0.000010	41.803	2.316584	1.00030016	9.936E-13
16D44754	2.3 %	0.638599	0.000937	0.470338	0.001943	0.000444	0.000007	41.810	2.316934	1.00030021	1.724E-12
16D44755	2.4 %	0.653549	0.000971	0.473812	0.002001	0.000419	0.000006	41.817	2.317251	1.00030026	1.680E-12
16D44757	2.5 %	0.664928	0.000998	0.470059	0.002013	0.000365	0.000007	41.831	2.317887	1.00030036	1.598E-12
16D44758	2.6 %	0.675682	0.000984	0.472841	0.002018	0.000353	0.000006	41.838	2.318205	1.00030041	1.723E-12
16D44759	2.7 %	0.685158	0.000984	0.472447	0.001949	0.000326	0.000006	41.845	2.318523	1.00030046	1.822E-12
16D44761	2.8 %	0.687245	0.001175	0.473451	0.002332	0.000312	0.000008	41.859	2.319159	1.00030056	1.339E-12
16D44762	2.9 %	0.696726	0.001013	0.469442	0.001954	0.000316	0.000007	41.866	2.319477	1.00030061	1.737E-12
16D44763	3.0 %	0.710903	0.000874	0.472983	0.001787	0.000272	0.000004	41.873	2.319796	1.00030066	2.623E-12
16D44765	3.2 %	0.701043	0.000877	0.475917	0.001840	0.000250	0.000005	41.887	2.320432	1.00030075	2.366E-12
16D44766	3.4 %	0.702217	0.000789	0.473635	0.001701	0.000239	0.000004	41.894	2.320750	1.00030080	3.415E-12
16D44767	3.6 %	0.709514	0.000878	0.470177	0.001796	0.000264	0.000005	41.901	2.321069	1.00030085	2.522E-12
16D44769	3.8 %	0.700316	0.000812	0.468283	0.001707	0.000219	0.000004	41.915	2.321706	1.00030095	3.199E-12
16D44770	4.0 %	0.701684	0.000805	0.464860	0.001702	0.000218	0.000004	41.922	2.322024	1.00030100	3.201E-12
16D44771	4.3 %	0.708050	0.000775	0.464574	0.001651	0.000211	0.000003	41.928	2.322343	1.00030105	3.929E-12
16D44773	4.6 %	0.699095	0.000743	0.463396	0.001616	0.000209	0.000003	41.942	2.322980	1.00030115	4.652E-12
16D44774	4.9 %	0.692991	0.000702	0.464776	0.001583	0.000198	0.000002	41.949	2.323298	1.00030119	6.909E-12
16D44775	5.2 %	0.688211	0.000706	0.461221	0.001579	0.000191	0.000002	41.956	2.323617	1.00030124	6.155E-12
16D44777	5.5 %	0.681185	0.000673	0.467519	0.001565	0.000183	0.000002	41.970	2.324255	1.00030134	1.239E-11
16D44778	5.8 %	0.674250	0.000677	0.461426	0.001556	0.000180	0.000002	41.977	2.324574	1.00030139	8.576E-12
16D44779	6.2 %	0.668816	0.000663	0.463540	0.001556	0.000179	0.000002	41.984	2.324892	1.00030144	1.064E-11
16D44781	6.6 %	0.663939	0.000663	0.460614	0.001552	0.000179	0.000002	41.998	2.325530	1.00030154	9.033E-12
16D44782	7.0 %	0.659604	0.000655	0.463192	0.001555	0.000180	0.000002	42.005	2.325849	1.00030159	1.053E-11
16D44783	7.6 %	0.654203	0.000642	0.470334	0.001574	0.000184	0.000001	42.012	2.326168	1.00030164	1.404E-11
16D44785	8.2 %	0.651586	0.000643	0.470105	0.001573	0.000188	0.000001	42.026	2.326807	1.00030173	1.240E-11
16D44786	8.9 %	0.648504	0.000636	0.483357	0.001614	0.000196	0.000001	42.033	2.327126	1.00030178	1.635E-11
16D44787	9.6 %	0.649495	0.000637	0.498553	0.001665	0.000218	0.000002	42.040	2.327445	1.00030183	1.544E-11
16D44789	10.4 %	✓0.654959	0.000647	0.515439	0.001726	0.000252	0.000002	42.053	2.328084	1.00030193	1.110E-11
16D44790	11.2 %	✓0.664691	0.000659	0.557674	0.001868	0.000307	0.000002	42.060	2.328403	1.00030198	1.096E-11
16D44791	12.2 %	✓0.687160	0.000688	0.610638	0.002049	0.000399	0.000003	42.067	2.328722	1.00030203	8.751E-12
16D44793	13.4 %	✓0.728143	0.000739	0.679716	0.002288	0.000571	0.000004	42.081	2.329361	1.00030213	6.958E-12
16D44794	14.6 %	✓0.798400	0.000830	0.767573	0.002602	0.000845	0.000006	42.088	2.329681	1.00030217	5.582E-12
16D44795	16.0 %	✓0.902291	0.000969	0.869356	0.002968	0.001239	0.000008	42.096	2.330032	1.00030223	4.493E-12
16D44797	17.6 %	✓1.067779	0.001155	1.104706	0.003761	0.001891	0.000012	42.110	2.330672	1.00030233	4.588E-12
16D44798	19.3 %	✓1.287850	0.001464	1.213132	0.004206	0.002701	0.000015	42.117	2.330991	1.00030238	3.816E-12
16D44800	21.0 %	✓1.469840	0.001770	1.407613	0.004976	0.003375	0.000020	42.131	2.331631	1.00030247	3.081E-12

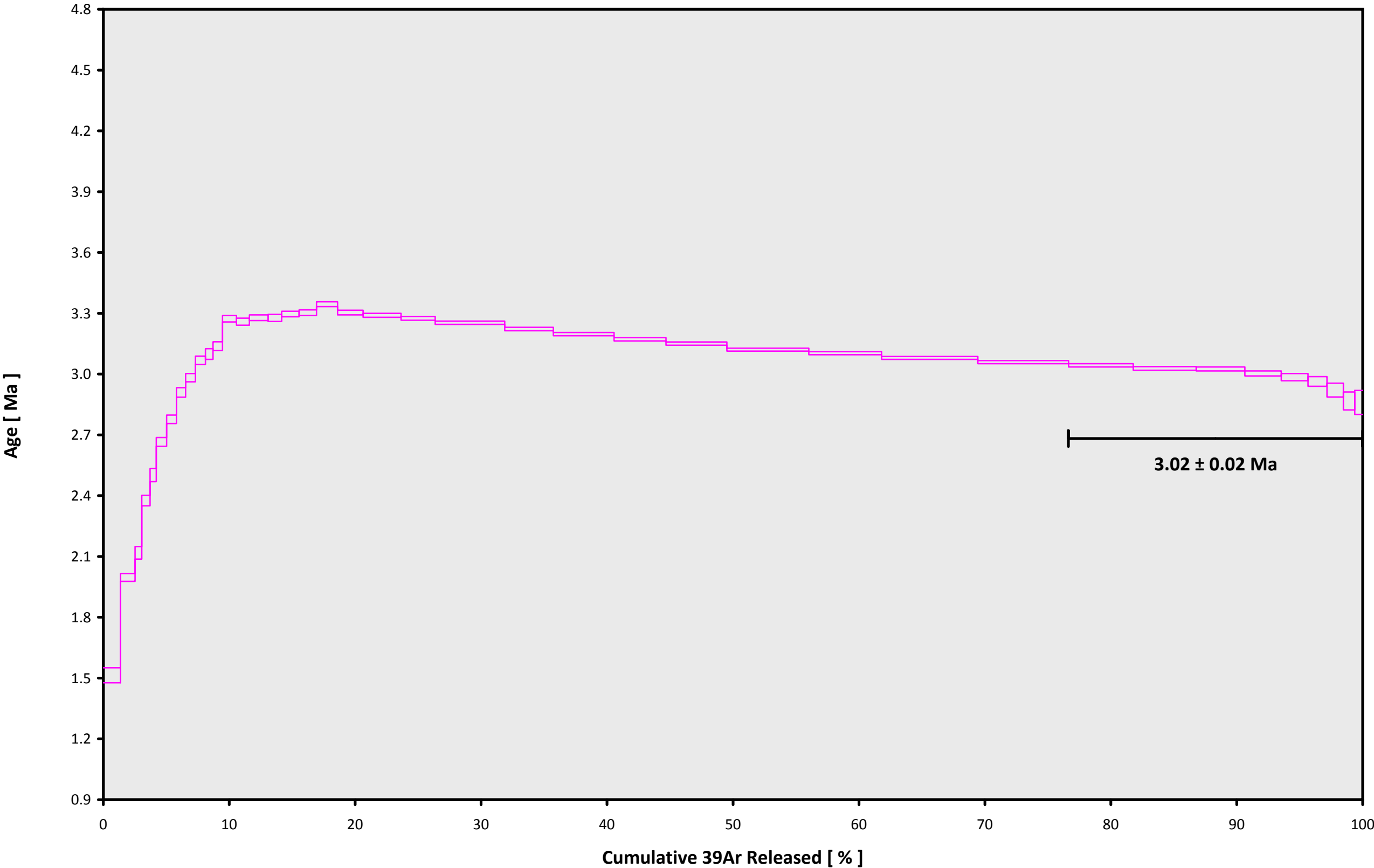
Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
16D44747	1.8 %	0.0077069 ± 0.0001792	0.0251985 ± 0.0187313	0.0114109 ± 0.0169029	0.0442731 ± 0.0156548	2.1643719 ± 0.0300697
16D44749	1.9 %	0.0076221 ± 0.0001792	0.0321718 ± 0.0187313	0.0046012 ± 0.0169029	0.0377078 ± 0.0156548	2.1403041 ± 0.0300697
16D44750	2.0 %	0.0075832 ± 0.0001792	0.0357832 ± 0.0187313	0.0029343 ± 0.0169029	0.0359508 ± 0.0156548	2.1309076 ± 0.0300697
16D44751	2.1 %	0.0075468 ± 0.0001792	0.0394180 ± 0.0187313	0.0022607 ± 0.0169029	0.0350671 ± 0.0156548	2.1230320 ± 0.0300697
16D44753	2.2 %	0.0074807 ± 0.0001792	0.0465954 ± 0.0187313	0.0034292 ± 0.0169029	0.0355145 ± 0.0156548	2.1111788 ± 0.0300697
16D44754	2.3 %	0.0074482 ± 0.0001792	0.0504041 ± 0.0187313	0.0052463 ± 0.0169029	0.0367967 ± 0.0156548	2.1065109 ± 0.0300697
16D44755	2.4 %	0.0074209 ± 0.0001792	0.0537329 ± 0.0187313	0.0074738 ± 0.0169029	0.0384713 ± 0.0156548	2.1031976 ± 0.0300697
16D44757	2.5 %	0.0073726 ± 0.0001792	0.0598884 ± 0.0187313	0.0131833 ± 0.0169029	0.0429339 ± 0.0156548	2.0986786 ± 0.0300697
16D44758	2.6 %	0.0073515 ± 0.0001792	0.0626635 ± 0.0187313	0.0164883 ± 0.0169029	0.0455669 ± 0.0156548	2.0972245 ± 0.0300697
16D44759	2.7 %	0.0073322 ± 0.0001792	0.0652072 ± 0.0187313	0.0199842 ± 0.0169029	0.0483718 ± 0.0156548	2.0961546 ± 0.0300697
16D44761	2.8 %	0.0072992 ± 0.0001792	0.0695277 ± 0.0187313	0.0272515 ± 0.0169029	0.0542358 ± 0.0156548	2.0947571 ± 0.0300697
16D44762	2.9 %	0.0072853 ± 0.0001792	0.0712751 ± 0.0187313	0.0308872 ± 0.0169029	0.0571754 ± 0.0156548	2.0942438 ± 0.0300697
16D44763	3.0 %	0.0072729 ± 0.0001792	0.0727325 ± 0.0187313	0.0344425 ± 0.0169029	0.0600479 ± 0.0156548	2.0937434 ± 0.0300697
16D44765	3.2 %	0.0072525 ± 0.0001792	0.0747488 ± 0.0187313	0.0410976 ± 0.0169029	0.0654009 ± 0.0156548	2.0924962 ± 0.0300697
16D44766	3.4 %	0.0072443 ± 0.0001792	0.0753007 ± 0.0187313	0.0441031 ± 0.0169029	0.0677975 ± 0.0156548	2.0916264 ± 0.0300697
16D44767	3.6 %	0.0072373 ± 0.0001792	0.0755484 ± 0.0187313	0.0468396 ± 0.0169029	0.0699587 ± 0.0156548	2.0905238 ± 0.0300697
16D44769	3.8 %	0.0072263 ± 0.0001792	0.0751471 ± 0.0187313	0.0513741 ± 0.0169029	0.0734561 ± 0.0156548	2.0874601 ± 0.0300697
16D44770	4.0 %	0.0072222 ± 0.0001792	0.0745134 ± 0.0187313	0.0531191 ± 0.0169029	0.0747436 ± 0.0156548	2.0854389 ± 0.0300697
16D44771	4.3 %	0.0072187 ± 0.0001792	0.0736057 ± 0.0187313	0.0544893 ± 0.0169029	0.0756988 ± 0.0156548	2.0830645 ± 0.0300697
16D44773	4.6 %	0.0072134 ± 0.0001792	0.0710290 ± 0.0187313	0.0560564 ± 0.0169029	0.0765635 ± 0.0156548	2.0772219 ± 0.0300697
16D44774	4.9 %	0.0072113 ± 0.0001792	0.0693975 ± 0.0187313	0.0562417 ± 0.0169029	0.0764601 ± 0.0156548	2.0737564 ± 0.0300697
16D44775	5.2 %	0.0072094 ± 0.0001792	0.0675666 ± 0.0187313	0.0560290 ± 0.0169029	0.0759980 ± 0.0156548	2.0699430 ± 0.0300697
16D44777	5.5 %	0.0072053 ± 0.0001792	0.0634123 ± 0.0187313	0.0544434 ± 0.0169029	0.0740209 ± 0.0156548	2.0613637 ± 0.0300697
16D44778	5.8 %	0.0072030 ± 0.0001792	0.0611484 ± 0.0187313	0.0531003 ± 0.0169029	0.0725282 ± 0.0156548	2.0566633 ± 0.0300697
16D44779	6.2 %	0.0072001 ± 0.0001792	0.0588044 ± 0.0187313	0.0514188 ± 0.0169029	0.0707218 ± 0.0156548	2.0517457 ± 0.0300697
16D44781	6.6 %	0.0071924 ± 0.0001792	0.0540259 ± 0.0187313	0.0471569 ± 0.0169029	0.0662612 ± 0.0156548	2.0414762 ± 0.0300697
16D44782	7.0 %	0.0071871 ± 0.0001792	0.0516731 ± 0.0187313	0.0446476 ± 0.0169029	0.0636650 ± 0.0156548	2.0362525 ± 0.0300697
16D44783	7.6 %	0.0071807 ± 0.0001792	0.0494038 ± 0.0187313	0.0419422 ± 0.0169029	0.0608708 ± 0.0156548	2.0310680 ± 0.0300697
16D44785	8.2 %	0.0071637 ± 0.0001792	0.0453099 ± 0.0187313	0.0361418 ± 0.0169029	0.0548530 ± 0.0156548	2.0211592 ± 0.0300697
16D44786	8.9 %	0.0071527 ± 0.0001792	0.0435894 ± 0.0187313	0.0331594 ± 0.0169029	0.0517227 ± 0.0156548	2.0166260 ± 0.0300697
16D44787	9.6 %	0.0071398 ± 0.0001792	0.0421604 ± 0.0187313	0.0302057 ± 0.0169029	0.0485813 ± 0.0156548	2.0125139 ± 0.0300697
16D44789	10.4 %	0.0071074 ± 0.0001792	0.0404159 ± 0.0187313	0.0246663 ± 0.0169029	0.0425001 ± 0.0156548	2.0060214 ± 0.0300697
16D44790	11.2 %	0.0070875 ± 0.0001792	0.0402266 ± 0.0187313	0.0222344 ± 0.0169029	0.0396892 ± 0.0156548	2.0038947 ± 0.0300697
16D44791	12.2 %	0.0070648 ± 0.0001792	0.0405815 ± 0.0187313	0.0201390 ± 0.0169029	0.0371248 ± 0.0156548	2.0026966 ± 0.0300697
16D44793	13.4 %	0.0070103 ± 0.0001792	0.0432065 ± 0.0187313	0.0173216 ± 0.0169029	0.0330419 ± 0.0156548	2.0036801 ± 0.0300697
16D44794	14.6 %	0.0069780 ± 0.0001792	0.0456253 ± 0.0187313	0.0167949 ± 0.0169029	0.0316876 ± 0.0156548	2.0061783 ± 0.0300697
16D44795	16.0 %	0.0069382 ± 0.0001792	0.0492605 ± 0.0187313	0.0170590 ± 0.0169029	0.0308658 ± 0.0156548	2.0107367 ± 0.0300697
16D44797	17.6 %	0.0068534 ± 0.0001792	0.0588332 ± 0.0187313	0.0202781 ± 0.0169029	0.0315646 ± 0.0156548	2.0246476 ± 0.0300697
16D44798	19.3 %	0.0068044 ± 0.0001792	0.0652288 ± 0.0187313	0.0234560 ± 0.0169029	0.0331806 ± 0.0156548	2.0347138 ± 0.0300697
16D44800	21.0 %	0.0068111 ± 0.0001967	0.0864252 ± 0.0181296	0.0507677 ± 0.0170280	0.0157819 ± 0.0158559	2.0145640 ± 0.0177356

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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)
16D44747	1.8 %	0.2245324 ± 0.0006961	0.5386	EXP 150 of 150	15.891836 ± 0.019508	0.9577	EXP 150 of 150	1.6632688 ± 0.0182692	0.2537	EXP 150 of 150	93.713401 ± 0.023738	0.9987	EXP 150 of 150	96.528756 ± 0.025081	0.9958	EXP 150 of 150
16D44749	1.9 %	0.0603877 ± 0.0003739	0.4503	EXP 150 of 150	14.611787 ± 0.017842	0.9611	EXP 150 of 150	1.3333701 ± 0.0168482	0.1889	EXP 150 of 150	78.144509 ± 0.019171	0.9987	EXP 150 of 150	48.159445 ± 0.022061	0.9981	EXP 150 of 150
16D44750	2.0 %	0.0284342 ± 0.0002737	0.7649	EXP 150 of 150	6.831753 ± 0.017662	0.8215	EXP 150 of 150	0.5827067 ± 0.0155400	0.0398	EXP 150 of 150	35.712112 ± 0.018830	0.9939	EXP 150 of 150	23.004487 ± 0.018178	0.9990	EXP 150 of 150
16D44751	2.1 %	0.0297903 ± 0.0002993	0.7338	EXP 150 of 150	8.828079 ± 0.017896	0.8833	EXP 150 of 150	0.7219967 ± 0.0165778	0.0322	EXP 150 of 150	45.610995 ± 0.019130	0.9962	EXP 150 of 150	29.792253 ± 0.018303	0.9988	EXP 150 of 150
16D44753	2.2 %	0.0223404 ± 0.0002668	0.7981	EXP 150 of 150	6.547188 ± 0.017423	0.8257	EXP 150 of 150	0.4998205 ± 0.0159440	0.0337	EXP 150 of 150	33.481862 ± 0.017664	0.9939	EXP 150 of 150	22.810176 ± 0.019783	0.9986	EXP 150 of 150
16D44754	2.3 %	0.0310004 ± 0.0002951	0.7055	EXP 150 of 150	11.086621 ± 0.019189	0.9197	EXP 150 of 150	0.8123291 ± 0.0174468	0.0446	EXP 150 of 150	55.729287 ± 0.020993	0.9969	EXP 150 of 150	38.023150 ± 0.019398	0.9983	EXP 150 of 150
16D44755	2.4 %	0.0285898 ± 0.0002586	0.7656	EXP 150 of 150	10.624713 ± 0.019943	0.9044	EXP 150 of 150	0.7239066 ± 0.0157580	0.0636	EXP 150 of 150	53.046711 ± 0.018909	0.9972	EXP 150 of 150	37.093590 ± 0.019748	0.9982	EXP 150 of 150
16D44757	2.5 %	0.0246190 ± 0.0002825	0.7289	EXP 150 of 150	9.841801 ± 0.018486	0.9060	EXP 150 of 150	0.6657431 ± 0.0172312	0.0956	EXP 150 of 150	49.587359 ± 0.017467	0.9973	EXP 150 of 150	35.381382 ± 0.017430	0.9984	EXP 150 of 150
16D44758	2.6 %	0.0250067 ± 0.0002497	0.8075	EXP 150 of 150	10.507166 ± 0.020650	0.8963	EXP 150 of 150	0.6724790 ± 0.0176029	0.0378	EXP 150 of 150	52.629225 ± 0.018624	0.9973	EXP 150 of 150	37.992963 ± 0.018567	0.9981	EXP 150 of 150
16D44759	2.7 %	0.0243294 ± 0.0002640	0.7740	EXP 150 of 150	10.943852 ± 0.018679	0.9241	EXP 150 of 150	0.6989707 ± 0.0154399	0.0935	EXP 149 of 150	54.868515 ± 0.018996	0.9974	EXP 150 of 150	40.044583 ± 0.020682	0.9975	EXP 150 of 150
16D44761	2.8 %	0.0192295 ± 0.0002501	0.8039	EXP 150 of 150	8.014122 ± 0.022137	0.8157	EXP 150 of 150	0.4994492 ± 0.0158285	0.0303	EXP 150 of 150	40.195282 ± 0.017901	0.9957	EXP 150 of 150	29.992537 ± 0.019215	0.9980	EXP 150 of 150
16D44762	2.9 %	0.0227801 ± 0.0002702	0.7463	EXP 150 of 150	10.184630 ± 0.016959	0.9214	EXP 150 of 150	0.6183477 ± 0.0157002	0.0475	EXP 150 of 150	51.451441 ± 0.017549	0.9975	EXP 150 of 150	38.288469 ± 0.019068	0.9977	EXP 150 of 150
16D44763	3.0 %	0.0269891 ± 0.0002575	0.7950	EXP 150 of 150	15.215184 ± 0.019349	0.9518	EXP 150 of 150	0.8785287 ± 0.0159496	0.0406	EXP 150 of 150	76.156685 ± 0.019975	0.9985	EXP 150 of 150	56.739732 ± 0.021839	0.9958	EXP 150 of 150
16D44765	3.2 %	0.0237956 ± 0.0002842	0.7697	EXP 149 of 150	13.993709 ± 0.019873	0.9461	EXP 150 of 150	0.8304574 ± 0.0179465	0.1102	EXP 150 of 150	69.658450 ± 0.018750	0.9985	EXP 150 of 150	51.389834 ± 0.017976	0.9972	EXP 150 of 150
16D44766	3.4 %	0.0301200 ± 0.0003166	0.7132	EXP 150 of 150	20.096841 ± 0.019228	0.9745	EXP 150 of 150	1.1645490 ± 0.0156555	0.2046	EXP 150 of 150	100.401750 ± 0.020930	0.9991	EXP 150 of 150	73.246243 ± 0.019808	0.9944	EXP 150 of 150
16D44767	3.6 %	0.0256590 ± 0.0003069	0.7505	EXP 150 of 150	14.557970 ± 0.019551	0.9492	EXP 150 of 150	0.8377699 ± 0.0152797	0.1382	EXP 150 of 150	73.359940 ± 0.019679	0.9984	EXP 150 of 150	54.635553 ± 0.020234	0.9962	EXP 150 of 150
16D44769	3.8 %	0.0268679 ± 0.0002884	0.7755	EXP 150 of 150	18.647335 ± 0.020099	0.9701	EXP 150 of 150	1.0435852 ± 0.0182366	0.1011	EXP 150 of 150	94.280468 ± 0.022042	0.9988	EXP 150 of 150	68.730001 ± 0.023167	0.9922	EXP 150 of 150
16D44770	4.0 %	0.0267748 ± 0.0002979	0.7472	EXP 150 of 150	18.485080 ± 0.020819	0.9641	EXP 150 of 150	1.0377505 ± 0.0163991	0.0899	EXP 150 of 150	94.159798 ± 0.021302	0.9989	EXP 150 of 150	68.773717 ± 0.020625	0.9940	EXP 150 of 150
16D44771	4.3 %	0.0301911 ± 0.0002700	0.8126	EXP 149 of 150	22.487528 ± 0.020566	0.9770	EXP 150 of 150	1.2767859 ± 0.0174987	0.1879	EXP 150 of 150	114.562528 ± 0.021355	0.9993	EXP 150 of 150	83.946668 ± 0.022117	0.9890	EXP 149 of 150
16D44773	4.6 %	0.0344839 ± 0.0003529	0.6738	EXP 150 of 150	26.902452 ± 0.020461	0.9842	EXP 150 of 150	1.5353225 ± 0.0168971	0.2358	EXP 150 of 150	137.367919 ± 0.023564	0.9994	EXP 150 of 150	98.985518 ± 0.022138	0.9780	EXP 150 of 150
16D44774	4.9 %	0.0459496 ± 0.0004103	0.6494	EXP 150 of 150	40.459858 ± 0.022229	0.9913	EXP 150 of 150	2.2976063 ± 0.0155270	0.4625	EXP 150 of 150	205.857394 ± 0.024718	0.9997	EXP 150 of 150	146.004428 ± 0.022572	0.1584	EXP 150 of 150
16D44775	5.2 %	0.0407189 ± 0.0003128	0.7799	EXP 150 of 150	36.005789 ± 0.021865	0.9896	EXP 150 of 150	2.0463360 ± 0.0185818	0.3457	EXP 150 of 150	184.654653 ± 0.026349	0.9996	EXP 150 of 150	130.290744 ± 0.022940	0.8343	EXP 150 of 150
16D44777	5.5 %	0.0727506 ± 0.0004475	0.7155	EXP 150 of 150	74.312798 ± 0.020687	0.9978	EXP 150 of 150	4.1541715 ± 0.0171550	0.6761	EXP 150 of 150	375.776812 ± 0.033280	0.9998	EXP 150 of 150	260.274738 ± 0.032088	0.9938	EXP 150 of 150
16D44778	5.8 %	0.0521099 ± 0.0003960	0.7298	EXP 150 of 150	51.249349 ± 0.020389	0.9955	EXP 150 of 150	2.8915907 ± 0.0148968	0.5294	EXP 148 of 150	262.678603 ± 0.029744	0.9997	EXP 150 of 150	180.731460 ± 0.028978	0.9261	EXP 150 of 150
16D44779	6.2 %	0.0632176 ± 0.0004359	0.7318	EXP 150 of 150	64.389440 ± 0.022132	0.9966	EXP 150 of 150	3.6284611 ± 0.0182276	0.5679	EXP 150 of 150	328.496041 ± 0.030559	0.9998	EXP 150 of 150	223.681460 ± 0.027376	0.9881	EXP 150 of 150
16D44781	6.6 %	0.0551377 ± 0.0003870	0.7220	EXP 150 of 150	54.708158 ± 0.021453	0.9956	EXP 150 of 150	3.0800249 ± 0.0180119	0.4711	EXP 150 of 150	280.970032 ± 0.028821	0.9998	EXP 150 of 150	190.227892 ± 0.026732	0.9713	EXP 150 of 150
16D44782	7.0 %	0.0636973 ± 0.0004362	0.7258	EXP 149 of 150	64.575218 ± 0.021034	0.9970	EXP 150 of 150	3.6541761 ± 0.0166787	0.6094	EXP 150 of 150	329.797197 ± 0.034319	0.9998	EXP 150 of 150	221.474273 ± 0.028803	0.9864	EXP 150 of 150
16D44783	7.6 %	0.0848459 ± 0.0004833	0.6860	EXP 150 of 150	88.139286 ± 0.025016	0.9977	EXP 150 of 150	4.9893382 ± 0.0175507	0.7645	EXP 150 of 150	443.286877 ± 0.031060	0.9999	EXP 150 of 150	294.550681 ± 0.029135	0.9963	EXP 150 of 150
16D44785	8.2 %	0.0772521 ± 0.0004420	0.7095	EXP 150 of 150	78.082720 ± 0.021070	0.9979	EXP 150 of 150	4.4552347 ± 0.0176661	0.6812	EXP 150 of 150	393.015112 ± 0.032533	0.9999	EXP 150 of 150	260.330060 ± 0.031182	0.9934	EXP 150 of 150
16D44786	8.9 %	0.1044012 ± 0.0005052	0.6971	EXP 150 of 150	106.372238 ± 0.022964	0.9987	EXP 150 of 150	6.0075455 ± 0.0158847	0.8380	EXP 150 of 150	520.728895 ± 0.038784	0.9999	EXP 150 of 150	342.633016 ± 0.033111	0.9973	EXP 150 of 150
16D44787	9.6 %	0.1089796 ± 0.0005524	0.5900	EXP 150 of 150	103.452363 ± 0.021524	0.9988	EXP 150 of 150	5.6070438 ± 0.0159389	0.7975	EXP 150 of 150	491.066061 ± 0.036168	0.9999	EXP 150 of 150	323.716753 ± 0.030328	0.9970	EXP 150 of 150
16D44789	10.4 %	0.0909541 ± 0.0004734	0.6303	EXP 150 of 150	76.207220 ± 0.020751	0.9979	EXP 150 of 150	4.0307715 ± 0.0169291	0.6711	EXP 150 of 150	350.019476 ± 0.030031	0.9998	EXP 150 of 150	233.242839 ± 0.026265	0.9909	EXP 150 of 150
16D44790	11.2 %	0.1063627 ± 0.0005383	0.3992	EXP 150 of 150	80.202484 ± 0.024033	0.9975	EXP 150 of 150	3.9803952 ± 0.0153140	0.7309	EXP 150 of 150	340.509884 ± 0.033833	0.9998	EXP 150 of 150	230.299830 ± 0.028746	0.9866	EXP 150 of 150
16D44791	12.2 %	0.1068000 ± 0.0004774	0.3712	EXP 150 of 150	67.824253 ± 0.021774	0.9970	EXP 150 of 150	3.0976166 ± 0.0169869	0.5562	EXP 150 of 150	263.035638 ± 0.029301	0.9997	EXP 150 of 150	184.321810 ± 0.026771	0.9189	EXP 150 of 150
16D44793	13.4 %	0.1141824 ± 0.0005013	0.0269	EXP 150 of 150	56.625668 ± 0.020328	0.9963	EXP 150 of 150	2.3204630 ± 0.0157845	0.4460	EXP 150 of 150	197.368558 ± 0.026862	0.9996	EXP 150 of 150	146.969439 ± 0.023055	0.0221	EXP 150 of 150
16D44794	14.6 %	0.1230168 ± 0.0005835	0.0038	EXP 150 of 150	46.766516 ± 0.022031	0.9936	EXP 150 of 150	1.7496187 ± 0.0171068	0.3565	EXP 150 of 150	144.389964 ± 0.023542	0.9994	EXP 150 of 150	118.298446 ± 0.022527	0.9488	EXP 150 of 150
16D44795	16.0 %	0.1280548 ± 0.0005715	0.1023	EXP 150 of 150	37.703332 ± 0.019728	0.9923	EXP 150 of									

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
16D44747	1.8 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44749	1.9 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44750	2.0 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44751	2.1 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44753	2.2 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44754	2.3 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44755	2.4 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44757	2.5 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44758	2.6 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44759	2.7 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44761	2.8 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44762	2.9 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44763	3.0 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44765	3.2 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44766	3.4 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44767	3.6 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44769	3.8 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44770	4.0 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44771	4.3 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44773	4.6 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44774	4.9 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44775	5.2 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44777	5.5 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44778	5.8 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44779	6.2 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44781	6.6 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44782	7.0 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44783	7.6 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44785	8.2 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44786	8.9 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44787	9.6 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44789	10.4 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44790	11.2 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44791	12.2 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44793	13.4 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44794	14.6 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44795	16.0 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44797	17.6 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44798	19.3 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	01
16D44800	21.0 %	Dan Miggins	16-OSU-10	0.00	0.00	12.07	Oregon\McClaghry (15-17)	16D44743	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
16D44747	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
16D44749	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
16D44750	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
16D44751	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
16D44753	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
16D44754	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
16D44755	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
16D44757	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
16D44758	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
16D44759	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
16D44761	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
16D44762	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
16D44763	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
16D44765	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
16D44766	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
16D44767	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
16D44769	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
16D44770	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
16D44771	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
16D44773	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
16D44774	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
16D44775	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
16D44777	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
16D44778	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
16D44779	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
16D44781	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
16D44782	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
16D44783	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
16D44785	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
16D44786	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
16D44787	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
16D44789	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
16D44790	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
16D44791	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
16D44793	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
16D44794	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
16D44795	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
16D44797	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
16D44798	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
16D44800	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

16D44743.AGE >>> 146-DFWJ-15 >>> OREGON | MCCLAUGHRY (15-17) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

3.02 ± 0.02

TOTAL FUSION

3.07 ± 0.01

NORMAL ISOCHRON

3.05 ± 0.01

INVERSE ISOCHRON

3.04 ± 0.01

MSWD (PROBABILITY)

24.07 (0%)

Sample Info

Groundmass

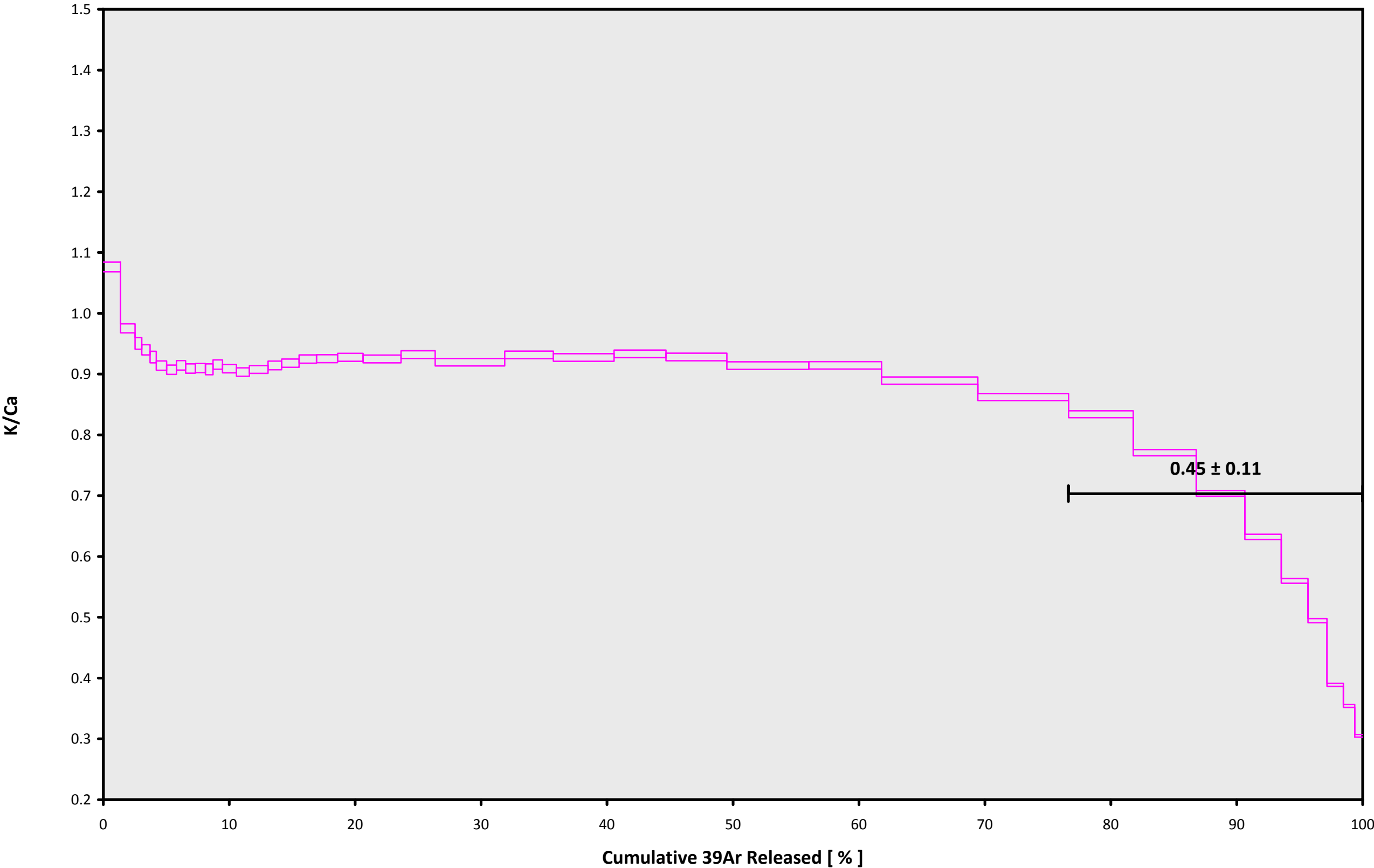
Dufur

Dan Miggins

IRR = 16-OSU-10 (10C7-16)

J = 0.00272792 ± 0.00000366

16D44743.AGE >>> 146-DFWJ-15 >>> OREGON | MCCLAUGHRY (15-17) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

3.02 \pm 0.02

TOTAL FUSION

3.07 \pm 0.01

NORMAL ISOCHRON

3.05 \pm 0.01

INVERSE ISOCHRON

3.04 \pm 0.01

Sample Info

Groundmass

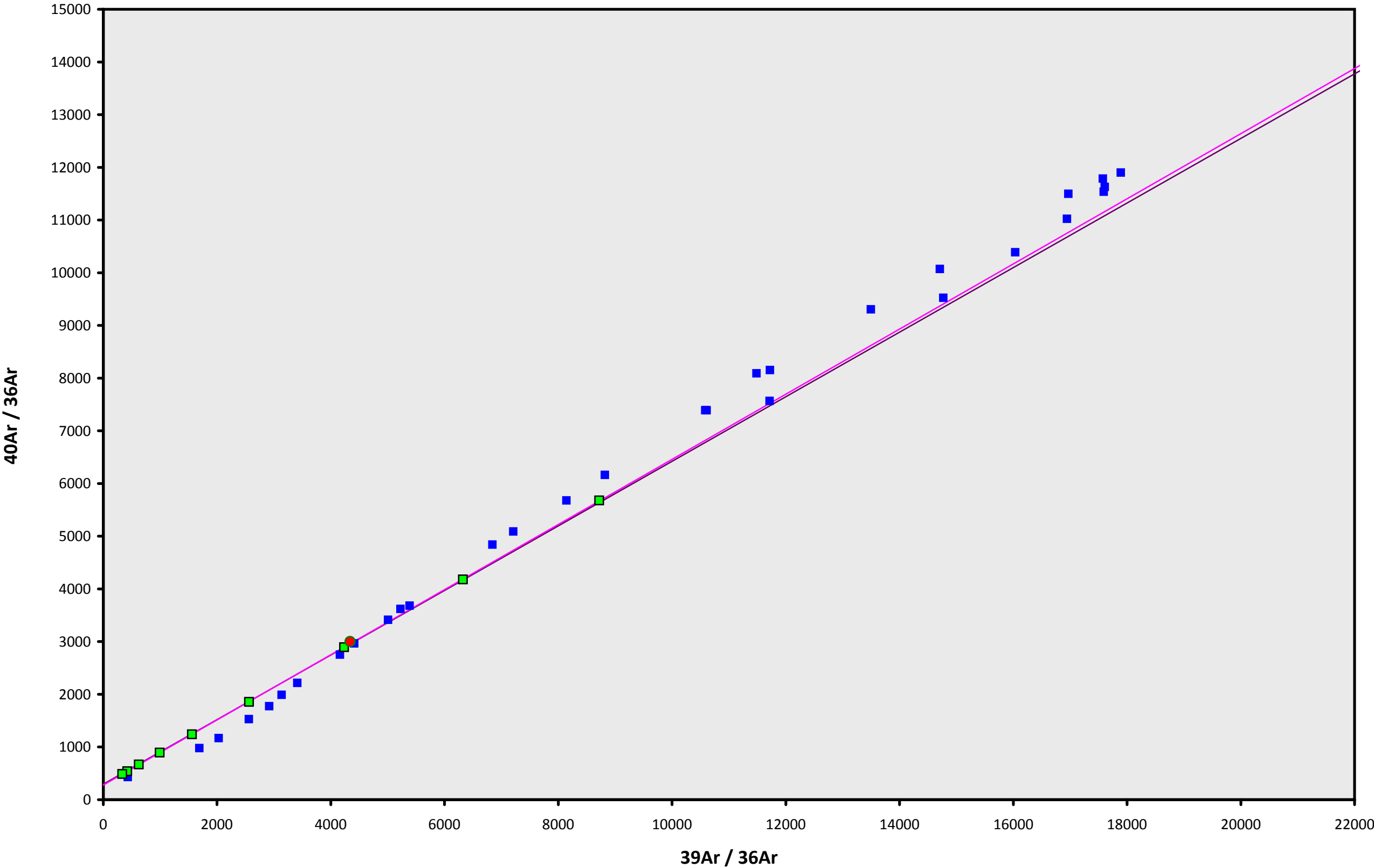
Dufur

Dan Miggins

IRR = 16-OSU-10 (10C7-16)

J = 0.00272792 \pm 0.00000366

16D44743.AGE >>> 146-DFWJ-15 >>> OREGON | MCCLAUGHRY (15-17) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

3.02 ± 0.02

TOTAL FUSION

3.07 ± 0.01

NORMAL ISOCHRON

3.05 ± 0.01

INVERSE ISOCHRON

3.04 ± 0.01

MSWD (PROBABILITY)

1.88 (7%)

40AR/36AR INTERCEPT

279.4 ± 3.0

Sample Info

Groundmass

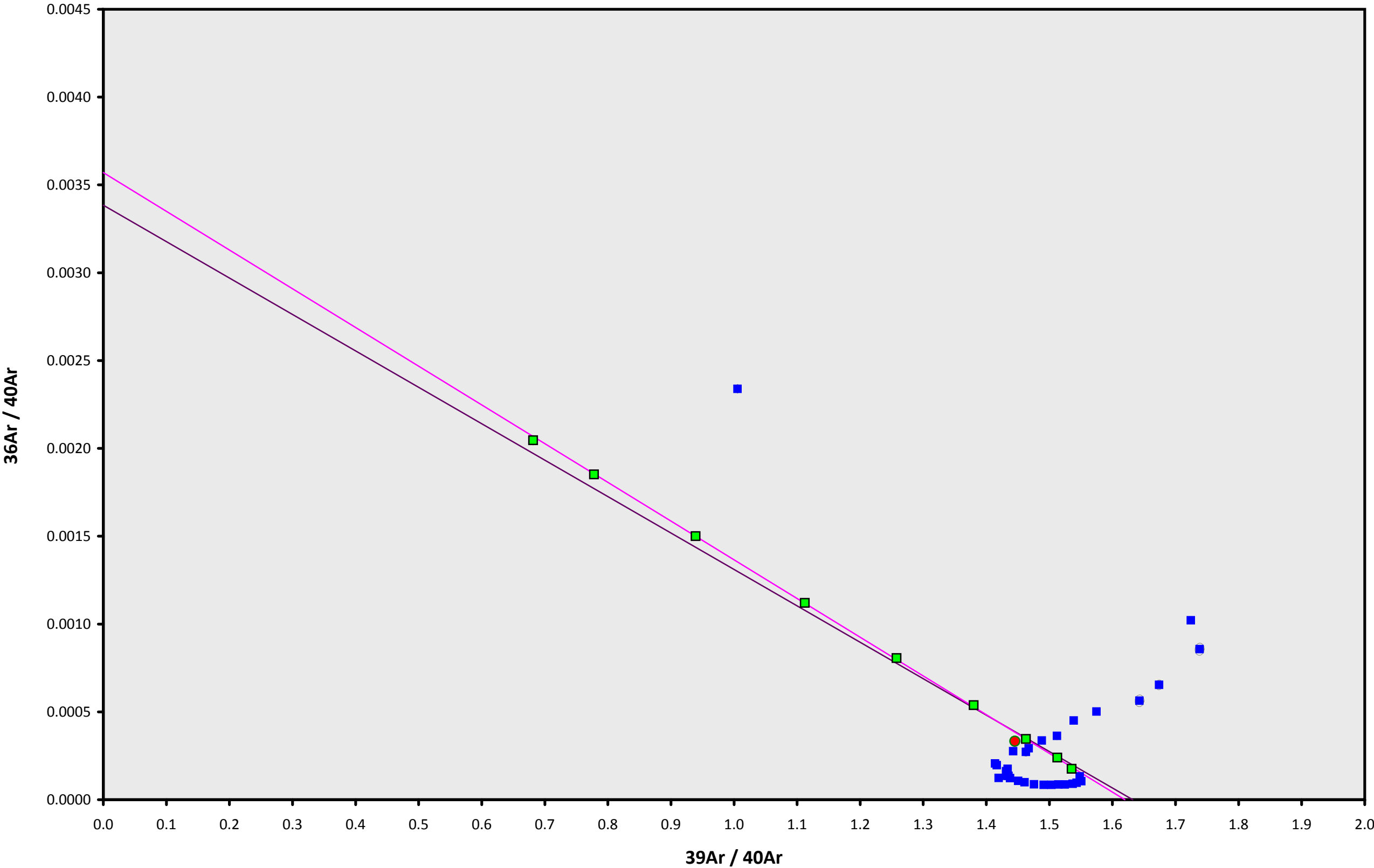
Dufur

Dan Miggins

IRR = 16-OSU-10 (10C7-16)

J = $0.00272792 \pm 0.00000366$

16D44743.AGE >>> 146-DFWJ-15 >>> OREGON | MCCLAUGHRY (15-17) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

3.02 ± 0.02

TOTAL FUSION

3.07 ± 0.01

NORMAL ISOCHRON

3.05 ± 0.01

INVERSE ISOCHRON

3.04 ± 0.01

MSWD (PROBABILITY)

1.75 (9%)

SPREADING FACTOR

52.7%

40AR/36AR INTERCEPT

280.1 ± 2.9

Sample Info

Groundmass

Dufur

Dan Miggins

IRR = 16-OSU-10 (10C7-16)

$J = 0.00272792 \pm 0.00000366$