

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
17D07743	1.8 %	0.0304075	1.306	8.5328	0.725	0.0356605	66.628	3.03652	0.737	12.2681	0.268	1.30085 ± 0.08278	3.83 ± 0.24	32.14	0.66	0.1527 ± 0.0032
17D07745	2.0 %	0.0102016	3.139	8.4791	0.755	0.0131314	186.208	2.45323	0.911	5.7363	0.560	1.38085 ± 0.08556	4.07 ± 0.25	58.92	0.53	0.1241 ± 0.0029
17D07746	2.4 %	0.0114370	2.495	11.5248	0.579	0.0351052	68.974	2.84770	0.794	6.3566	0.511	1.36378 ± 0.06734	4.02 ± 0.20	60.93	0.62	0.1060 ± 0.0021
17D07748	2.8 %	0.0164538	1.931	22.1514	0.353	0.0711619	32.207	4.72924	0.497	9.4392	0.332	1.33688 ± 0.04416	3.94 ± 0.13	66.77	1.03	0.0915 ± 0.0011
17D07749	3.0 %	0.0126379	2.405	18.4062	0.396	0.0448434	52.523	3.60775	0.675	7.0563	0.448	1.32296 ± 0.05603	3.90 ± 0.16	67.41	0.78	0.0840 ± 0.0013
17D07751	3.3 %	0.0190757	1.783	30.0822	0.300	0.0650143	36.856	5.34704	0.446	10.3112	0.319	1.31810 ± 0.04153	3.88 ± 0.12	68.09	1.16	0.0761 ± 0.0008
17D07752	3.6 %	0.0173729	1.814	26.8444	0.323	0.0637199	37.767	4.56527	0.517	8.8839	0.356	1.28551 ± 0.04539	3.79 ± 0.13	65.80	0.99	0.0728 ± 0.0009
17D07754	3.9 %	0.0285170	1.297	46.4950	0.262	0.1072005	22.491	7.17679	0.320	13.8662	0.229	1.26951 ± 0.03303	3.74 ± 0.10	65.42	1.56	0.0661 ± 0.0005
17D07755	4.3 %	0.0233232	1.524	47.3221	0.264	0.0788463	30.110	6.88401	0.336	12.2002	0.261	1.31433 ± 0.03340	3.87 ± 0.10	73.82	1.50	0.0623 ± 0.0005
17D07757	4.6 %	0.0298776	1.241	60.5535	0.249	0.1393484	21.303	8.53290	0.270	14.7029	0.223	1.24909 ± 0.02798	3.68 ± 0.08	72.14	1.85	0.0603 ± 0.0004
17D07758	4.9 %	0.0383467	1.039	63.0402	0.244	0.1056729	22.652	8.38720	0.295	16.8899	0.192	1.25678 ± 0.03040	3.70 ± 0.09	62.09	1.82	0.0569 ± 0.0004
17D07759	5.2 %	0.0252115	1.386	58.9415	0.246	0.1130429	20.798	7.56482	0.314	12.2398	0.265	1.24912 ± 0.03004	3.68 ± 0.09	76.80	1.64	0.0549 ± 0.0004
17D07761	5.5 %	0.0295335	1.283	73.3126	0.241	0.1357583	17.542	9.09789	0.257	14.2808	0.222	1.24758 ± 0.02677	3.67 ± 0.08	79.05	1.97	0.0531 ± 0.0004
17D07762	5.8 %	0.0259085	1.240	65.4893	0.245	0.1079175	21.455	7.89537	0.304	12.5437	0.252	1.27515 ± 0.02692	3.75 ± 0.08	79.81	1.71	0.0516 ± 0.0004
17D07763	6.1 %	0.0308218	1.243	76.9046	0.240	0.1558023	15.425	9.00149	0.262	14.3685	0.219	1.26029 ± 0.02736	3.71 ± 0.08	78.50	1.95	0.0500 ± 0.0004
17D07764	6.5 %	0.0341800	1.090	85.0852	0.236	0.1256885	19.456	9.81301	0.252	15.5810	0.206	1.24432 ± 0.02465	3.66 ± 0.07	77.91	2.13	0.0493 ± 0.0003
17D07766	7.0 %	0.0412304	0.996	106.8061	0.232	0.1888631	12.304	12.00115	0.205	19.0192	0.168	1.27383 ± 0.02203	3.75 ± 0.06	79.90	2.60	0.0480 ± 0.0003
17D07767	7.6 %	0.0528851	0.847	135.7023	0.230	0.2058449	11.478	15.01273	0.170	23.5833	0.133	1.24506 ± 0.01914	3.67 ± 0.06	78.77	3.26	0.0473 ± 0.0003
17D07768	8.4 %	0.1807271	0.453	205.7817	0.227	0.3188167	7.523	22.20872	0.122	64.9546	0.051	1.25326 ± 0.02269	3.69 ± 0.07	42.58	4.82	0.0461 ± 0.0002
17D07770	9.4 %	0.1058502	0.644	255.6181	0.227	0.3777820	6.275	27.14239	0.104	45.0023	0.073	1.25089 ± 0.01589	3.68 ± 0.05	74.97	5.88	0.0454 ± 0.0002
17D07771	10.5 %	0.7631888	0.326	349.8229	0.226	0.6031980	3.868	36.95523	0.090	243.5208	0.016	1.23605 ± 0.04032	3.64 ± 0.12	18.64	8.01	0.0451 ± 0.0002
17D07772	11.0 %	0.1552551	0.484	295.4248	0.226	0.3731187	6.249	30.76747	0.098	61.1487	0.055	1.25627 ± 0.01545	3.70 ± 0.05	62.80	6.67	0.0445 ± 0.0002
17D07774	11.6 %	0.1106407	0.578	283.4382	0.226	0.3678470	6.699	29.43445	0.101	47.8914	0.070	1.27858 ± 0.01402	3.76 ± 0.04	78.07	6.38	0.0444 ± 0.0002
17D07775	12.2 %	0.1131385	0.557	268.8615	0.227	0.3528096	6.797	27.74643	0.110	47.3231	0.071	1.26765 ± 0.01462	3.73 ± 0.04	73.84	6.01	0.0441 ± 0.0002
17D07776	12.9 %	0.1226461	0.539	250.2391	0.227	0.3342431	7.065	25.83142	0.110	49.8544	0.067	1.29396 ± 0.01625	3.81 ± 0.05	66.61	5.60	0.0441 ± 0.0002
17D07778	13.6 %	0.3391273	0.365	235.9285	0.227	0.3479916	7.282	24.82281	0.114	114.3391	0.031	1.32173 ± 0.03022	3.89 ± 0.09	28.51	5.38	0.0450 ± 0.0002
17D07779	14.3 %	0.1807167	0.463	241.7167	0.227	0.3525351	7.019	25.46955	0.110	67.1249	0.049	1.29010 ± 0.02032	3.80 ± 0.06	48.64	5.52	0.0450 ± 0.0002
17D07780	15.0 %	0.2053573	0.459	209.6576	0.228	0.3325244	7.229	22.43885	0.123	74.1360	0.045	1.33947 ± 0.02570	3.94 ± 0.08	40.29	4.87	0.0457 ± 0.0002
17D07782	15.8 %	0.1616488	0.454	162.3138	0.229	0.2735084	8.613	17.51519	0.148	58.7731	0.056	1.36237 ± 0.02583	4.01 ± 0.08	40.35	3.80	0.0461 ± 0.0003
17D07783	16.6 %	0.0895859	0.662	171.7094	0.228	0.2246015	10.922	18.84000	0.135	38.4562	0.085	1.35783 ± 0.01979	4.00 ± 0.06	66.11	4.09	0.0469 ± 0.0002
17D07785	17.5 %	0.1616761	0.454	221.8123	0.227	0.3339892	7.663	23.93495	0.117	61.5666	0.054	1.30987 ± 0.01915	3.86 ± 0.06	50.60	5.19	0.0461 ± 0.0002
Σ		3.1669800	0.126	4097.9982	0.052	6.3855876	2.108	461.06157	0.031	1203.4183	0.015					

Information on Analysis and Constants Used in Calculations	
Project = MCCLAUGHRY (15-17)	
Sample = 265-DFWJ-14	
Material = Plagioclase	
Location = Dufur West	
Region = Oregon	
Analyst = Dan Miggins	
Irradiation = 17-OSU-01 (1E17-17)	
Position = X: 0 Y: 0 Z/H: 29.00979 mm	
FCT-NM Age = 28.201 ± 0.023 Ma	
FCT-NM Reference = Kuiper et al (2008)	
FCT-NM 40Ar/39Ar Ratio = 9.64272 ± 0.01128	
FCT-NM J-value = 0.00162997 ± 0.00000191	
Air Shot 40Ar/36Ar = 302.5910 ± 0.2935	
Air Shot MDF = 0.99413386 ± 0.00062601 (LIN)	
Experiment Type = Incremental Heating	
Extraction Method = Undefined	
Heating = 77 sec	
Isolation = 0.00 min	
Instrument = ARGUS-VI-D	
Preferred Age = Undefined	
Age Classification = Undefined	
IGSN = Undefined	
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**

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau		1.25963 ± 0.00649 ± 0.52%	3.71 ± 0.02 ± 0.57%	1.45 12%	56.72 15	0.0472 ± 0.0021
		Full External Error ± 0.09 Analytical Error ± 0.02		1.76 1.2058	2σ Confidence Limit Error Magnification	
Total Fusion Age		1.28370 ± 0.00535 ± 0.42%	3.78 ± 0.02 ± 0.48%		31	0.0481 ± 0.0001
		Full External Error ± 0.09 Analytical Error ± 0.02				
Normal Isochron	294.07 ± 2.60 ± 0.88%	1.26159 ± 0.00823 ± 0.65%	3.71 ± 0.03 ± 0.69%	1.40 15%	56.72 15	
		Full External Error ± 0.09 Analytical Error ± 0.02		1.78 1.1812 22	2σ Confidence Limit Error Magnification Number of Iterations	
				0.0000121139	Convergence	
Inverse Isochron	293.96 ± 2.61 ± 0.89%	1.26276 ± 0.00828 ± 0.66%	3.72 ± 0.03 ± 0.70%	1.42 14%	56.72 15	
		Full External Error ± 0.09 Analytical Error ± 0.02		1.78 1.1905 2	2σ Confidence Limit Error Magnification Number of Iterations	
				0.0012978147	Convergence	
				61%	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
17D07743	1.8 %	0.0281352	8.5328	0.0000000	3.03076	3.94255	3.83 ± 0.24	32.14	0.66	0.1527 ± 0.0032
17D07745	2.0 %	0.0079436	8.4791	0.0000000	2.44750	3.37962	4.07 ± 0.25	58.92	0.53	0.1241 ± 0.0029
17D07746	2.4 %	0.0083680	11.5248	0.0000000	2.83991	3.87300	4.02 ± 0.20	60.93	0.62	0.1060 ± 0.0021
17D07748	2.8 %	0.0105541	22.1514	0.0108814	4.71427	6.30240	3.94 ± 0.13	66.77	1.03	0.0915 ± 0.0011
17D07749	3.0 %	0.0077363	18.4062	0.0000000	3.59531	4.75647	3.90 ± 0.16	67.41	0.78	0.0840 ± 0.0013
17D07751	3.3 %	0.0110648	30.0822	0.0000000	5.32671	7.02115	3.88 ± 0.12	68.09	1.16	0.0761 ± 0.0008
17D07752	3.6 %	0.0102239	26.8444	0.0051750	4.54714	5.84541	3.79 ± 0.13	65.80	0.99	0.0728 ± 0.0009
17D07754	3.9 %	0.0161343	46.4950	0.0148806	7.14538	9.07114	3.74 ± 0.10	65.42	1.56	0.0661 ± 0.0005
17D07755	4.3 %	0.0107213	47.3221	0.0000000	6.85204	9.00582	3.87 ± 0.10	73.82	1.50	0.0623 ± 0.0005
17D07757	4.6 %	✓ 0.0137501	60.5535	0.0302637	8.49199	10.60722	3.68 ± 0.08	72.14	1.85	0.0603 ± 0.0004
17D07758	4.9 %	✓ 0.0215591	63.0402	0.0000000	8.34461	10.48732	3.70 ± 0.09	62.09	1.82	0.0569 ± 0.0004
17D07759	5.2 %	✓ 0.0095142	58.9415	0.0164994	7.52500	9.39962	3.68 ± 0.09	76.80	1.64	0.0549 ± 0.0004
17D07761	5.5 %	✓ 0.0100090	73.3126	0.0197630	9.04836	11.28852	3.67 ± 0.08	79.05	1.97	0.0531 ± 0.0004
17D07762	5.8 %	✓ 0.0084682	65.4893	0.0071758	7.85113	10.01137	3.75 ± 0.08	79.81	1.71	0.0516 ± 0.0004
17D07763	6.1 %	✓ 0.0103393	76.9046	0.0406764	8.94953	11.27901	3.71 ± 0.08	78.50	1.95	0.0500 ± 0.0004
17D07764	6.5 %	✓ 0.0115218	85.0852	0.0000572	9.75553	12.13900	3.66 ± 0.07	77.91	2.13	0.0493 ± 0.0003
17D07766	7.0 %	✓ 0.0127855	106.8061	0.0352871	11.92899	15.19553	3.75 ± 0.06	79.90	2.60	0.0480 ± 0.0003
17D07767	7.6 %	✓ 0.0167466	135.7023	0.0134563	14.92105	18.57761	3.67 ± 0.06	78.77	3.26	0.0473 ± 0.0003
17D07768	8.4 %	✓ 0.1259264	205.7817	0.0149854	22.06969	27.65902	3.69 ± 0.07	42.58	4.82	0.0461 ± 0.0002
17D07770	9.4 %	✓ 0.0377772	255.6181	0.0278957	26.96969	33.73600	3.68 ± 0.05	74.97	5.88	0.0454 ± 0.0002
17D07771	10.5 %	✓ 0.6700302	349.8229	0.0110871	36.71889	45.38652	3.64 ± 0.12	18.64	8.01	0.0451 ± 0.0002
17D07772	11.0 %	✓ 0.0765835	295.4248	0.0000000	30.56788	38.40145	3.70 ± 0.05	62.80	6.67	0.0445 ± 0.0002
17D07774	11.6 %	✓ 0.0351611	283.4382	0.0000000	29.24296	37.38945	3.76 ± 0.04	78.07	6.38	0.0444 ± 0.0002
17D07775	12.2 %	✓ 0.0415407	268.8615	0.0000000	27.56479	34.94248	3.73 ± 0.04	73.84	6.01	0.0441 ± 0.0002
17D07776	12.9 %	0.0560074	250.2391	0.0000000	25.66236	33.20611	3.81 ± 0.05	66.61	5.60	0.0441 ± 0.0002
17D07778	13.6 %	0.2762995	235.9285	0.0000000	24.66341	32.59832	3.89 ± 0.09	28.51	5.38	0.0450 ± 0.0002
17D07779	14.3 %	0.1163469	241.7167	0.0089751	25.30625	32.64761	3.80 ± 0.06	48.64	5.52	0.0450 ± 0.0002
17D07780	15.0 %	0.1495240	209.6576	0.0212672	22.29721	29.86642	3.94 ± 0.08	40.29	4.87	0.0457 ± 0.0002
17D07782	15.8 %	0.1184225	162.3138	0.0303151	17.40553	23.71275	4.01 ± 0.08	40.35	3.80	0.0461 ± 0.0003
17D07783	16.6 %	0.0438596	171.7094	0.0000000	18.72399	25.42407	4.00 ± 0.06	66.11	4.09	0.0469 ± 0.0002
17D07785	17.5 %	0.1026066	221.8123	0.0127275	23.78509	31.15541	3.86 ± 0.06	50.60	5.19	0.0461 ± 0.0002
Σ		2.0756611	4097.9982	0.3213691	458.29296	588.30839				

Information on Analysis	Results	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Project = MCCLAUGHRY (15-17) Sample = 265-DFWJ-14 Material = Plagioclase Location = Dufur West Region = Oregon Analyst = Dan Miggins Irradiation = 17-OSU-01 (1E17-17) J = 0.00162997 ± 0.00000191 FCT-NM = 28.201 ± 0.023 Ma	Age Plateau	1.25963 ± 0.00649 ± 0.52%	3.71 ± 0.02 ± 0.57% Full External Error ± 0.09 Analytical Error ± 0.02	1.45 12% 1.76 1.2058	56.72 15 2σ Confidence Limit Error Magnification	0.0472 ± 0.0021
	Total Fusion Age	1.28370 ± 0.00535 ± 0.42%	3.78 ± 0.02 ± 0.48% Full External Error ± 0.09 Analytical Error ± 0.02		31	0.0481 ± 0.0001

Normal Isochron		39(k)/36(a) ± 2σ		40(a+r)/36(a) ± 2σ	r.i.
17D07743	1.8 %		107.72 ± 3.44	435.63 ± 12.53	0.8706
17D07745	2.0 %		308.11 ± 25.50	720.95 ± 58.77	0.9661
17D07746	2.4 %		339.38 ± 23.81	758.34 ± 52.40	0.9632
17D07748	2.8 %		446.68 ± 27.33	892.65 ± 54.22	0.9807
17D07749	3.0 %		464.73 ± 37.14	910.33 ± 72.17	0.9792
17D07751	3.3 %		481.41 ± 30.00	930.05 ± 57.66	0.9843
17D07752	3.6 %		444.76 ± 27.89	867.24 ± 54.00	0.9797
17D07754	3.9 %		442.87 ± 20.61	857.73 ± 39.72	0.9855
17D07755	4.3 %		639.11 ± 42.83	1135.50 ± 75.93	0.9919
17D07757	4.6 %	✓	617.59 ± 33.75	1066.93 ± 58.21	0.9917
17D07758	4.9 %	✓	387.06 ± 14.60	781.94 ± 29.28	0.9823
17D07759	5.2 %	✓	790.92 ± 58.79	1283.46 ± 95.30	0.9938
17D07761	5.5 %	✓	904.02 ± 69.36	1423.34 ± 109.14	0.9960
17D07762	5.8 %	✓	927.13 ± 71.42	1477.73 ± 113.73	0.9947
17D07763	6.1 %	✓	865.58 ± 65.03	1386.38 ± 104.08	0.9958
17D07764	6.5 %	✓	846.70 ± 55.71	1349.06 ± 88.68	0.9951
17D07766	7.0 %	✓	933.01 ± 61.14	1484.00 ± 97.19	0.9967
17D07767	7.6 %	✓	890.99 ± 48.93	1404.83 ± 77.09	0.9969
17D07768	8.4 %	✓	175.26 ± 2.35	515.14 ± 6.83	0.9801
17D07770	9.4 %	✓	713.91 ± 26.73	1188.52 ± 44.47	0.9976
17D07771	10.5 %	✓	54.80 ± 0.42	363.24 ± 2.71	0.9705
17D07772	11.0 %	✓	399.14 ± 8.17	796.93 ± 16.27	0.9939
17D07774	11.6 %	✓	831.68 ± 31.84	1358.87 ± 51.98	0.9979
17D07775	12.2 %	✓	663.56 ± 21.11	1136.66 ± 36.11	0.9965
17D07776	12.9 %		458.20 ± 11.25	888.39 ± 21.76	0.9944
17D07778	13.6 %		89.26 ± 0.83	413.48 ± 3.75	0.9670
17D07779	14.3 %		217.51 ± 3.23	576.11 ± 8.48	0.9866
17D07780	15.0 %		149.12 ± 1.94	495.24 ± 6.34	0.9793
17D07782	15.8 %		146.98 ± 1.90	495.74 ± 6.24	0.9688
17D07783	16.6 %		426.91 ± 11.85	875.17 ± 24.22	0.9933
17D07785	17.5 %		231.81 ± 3.44	599.14 ± 8.81	0.9845

Results	40(a)/36(a) ± 2σ		40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	294.07 ± 2.60 ± 0.88%		1.26159 ± 0.00823 ± 0.65%	3.71 ± 0.03 ± 0.69%	1.40 15%
			Full External Error ± 0.09		
			Analytical Error ± 0.02		
Statistics	2σ Confidence Limit	1.78	Convergence	0.000012113939	
	Error Magnification	1.1812	Number of Iterations	22	
	Number of Data Points	15	Calculated Line	Weighted York-2	

Inverse Isochron		39(k)/40(a+r) ± 2σ		36(a)/40(a+r) ± 2σ	r.i.
17D07743	1.8 %		0.2472774 ± 0.0038879	0.00229553 ± 0.00006604	0.0638
17D07745	2.0 %		0.4273655 ± 0.0091591	0.00138705 ± 0.00011306	0.0721
17D07746	2.4 %		0.4475303 ± 0.0084687	0.00131868 ± 0.00009113	0.0802
17D07748	2.8 %		0.5003927 ± 0.0059988	0.00112026 ± 0.00006805	0.0609
17D07749	3.0 %		0.5105130 ± 0.0083020	0.00109851 ± 0.00008709	0.0626
17D07751	3.3 %		0.5176193 ± 0.0056978	0.00107521 ± 0.00006666	0.0598
17D07752	3.6 %		0.5128416 ± 0.0064570	0.00115308 ± 0.00007180	0.0650
17D07754	3.9 %		0.5163279 ± 0.0040791	0.00116587 ± 0.00005399	0.0574
17D07755	4.3 %		0.5628441 ± 0.0048084	0.00088067 ± 0.00005889	0.0478
17D07757	4.6 %	✓	0.5788520 ± 0.0040700	0.00093727 ± 0.00005114	0.0522
17D07758	4.9 %	✓	0.4949931 ± 0.0034987	0.00127886 ± 0.00004788	0.0558
17D07759	5.2 %	✓	0.6162440 ± 0.0050844	0.00077915 ± 0.00005786	0.0461
17D07761	5.5 %	✓	0.6351434 ± 0.0043315	0.00070257 ± 0.00005387	0.0379
17D07762	5.8 %	✓	0.6274014 ± 0.0049756	0.00067671 ± 0.00005208	0.0419
17D07763	6.1 %	✓	0.6243443 ± 0.0042883	0.00072130 ± 0.00005415	0.0375
17D07764	6.5 %	✓	0.6276191 ± 0.0041051	0.00074125 ± 0.00004873	0.0399
17D07766	7.0 %	✓	0.6287140 ± 0.0033451	0.00067386 ± 0.00004413	0.0324
17D07767	7.6 %	✓	0.6342303 ± 0.0027559	0.00071183 ± 0.00003906	0.0299
17D07768	8.4 %	✓	0.3402127 ± 0.0009079	0.00194120 ± 0.00002572	0.0298
17D07770	9.4 %	✓	0.6006724 ± 0.0015432	0.00084138 ± 0.00003148	0.0225
17D07771	10.5 %	✓	0.1508704 ± 0.0002790	0.00275302 ± 0.00002054	0.0075
17D07772	11.0 %	✓	0.5008512 ± 0.0011316	0.00125481 ± 0.00002561	0.0262
17D07774	11.6 %	✓	0.6120390 ± 0.0015190	0.00073590 ± 0.00002815	0.0207
17D07775	12.2 %	✓	0.5837802 ± 0.0015440	0.00087977 ± 0.00002795	0.0240
17D07776	12.9 %		0.5157608 ± 0.0013419	0.00112563 ± 0.00002758	0.0287
17D07778	13.6 %		0.2158821 ± 0.0005134	0.00241849 ± 0.00002192	0.0181
17D07779	14.3 %		0.3775468 ± 0.0009152	0.00173579 ± 0.00002554	0.0269
17D07780	15.0 %		0.3011071 ± 0.0007926	0.00201921 ± 0.00002585	0.0238
17D07782	15.8 %		0.2964834 ± 0.0009476	0.00201719 ± 0.00002541	0.0318
17D07783	16.6 %		0.4877996 ± 0.0015712	0.00114264 ± 0.00003162	0.0330
17D07785	17.5 %		0.3869025 ± 0.0010072	0.00166906 ± 0.00002454	0.0308

Results	40(a)/36(a) ± 2σ		40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	293.96 ± 2.61 ± 0.89%		1.26276 ± 0.00828 ± 0.66%	3.72 ± 0.03 ± 0.70%	1.42 14%
	Full External Error ± 0.09				
	Analytical Error ± 0.02				
Statistics	2σ Confidence Limit	1.78	Convergence	0.0012978147	
	Error Magnification	1.1905	Number of Iterations	2	
	Number of Data Points	15	Calculated Line	Weighted York-2	
	Spreading Factor	61.2%			

Degassing Patterns		36Ar(a) [fA]		36Ar(c) [fA]		36Ar(ca) [fA]		36Ar(cl) [fA]		37Ar(ca) [fA]		38Ar(a) [fA]		38Ar(c) [fA]		38Ar(k) [fA]		38Ar(ca) [fA]		38Ar(cl) [fA]		39Ar(k) [fA]		39Ar(ca) [fA]		40Ar(r) [fA]		40Ar(a) [fA]		40Ar(c) [fA]		40Ar(k) [fA]	
		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ		%1σ	
17D07743	1.8 %	0.0281352	1.41	0.0000000	0.00	0.0022723	0.74	0.0000000	0.00	8.5328	0.73	0.0052585	1.41	0.0000000	0.00	0.0364631	0.76	0.0006127	12.84	0.0000000	0.00	3.03076	0.74	0.0057648	1.51	3.94255	3.09	8.31397	1.41	0.0000000	0.00	0.0115866	2.76
17D07745	2.0 %	0.0079436	4.04	0.0000000	0.00	0.0022580	0.77	0.0000000	0.00	8.4791	0.75	0.0014847	4.04	0.0000000	0.00	0.0294459	0.93	0.0006088	12.84	0.0000000	0.00	2.44750	0.91	0.0057285	1.52	3.37962	2.96	2.34733	4.04	0.0000000	0.00	0.0093568	2.81
17D07746	2.4 %	0.0083680	3.42	0.0000000	0.00	0.0030691	0.60	0.0000000	0.00	11.5248	0.58	0.0015640	3.42	0.0000000	0.00	0.0341670	0.81	0.0008275	12.83	0.0000000	0.00	2.83991	0.80	0.0077861	1.44	3.87300	2.34	2.47274	3.42	0.0000000	0.00	0.0108570	2.78
17D07748	2.8 %	0.0105541	3.02	0.0000000	0.00	0.0058989	0.38	0.0000007	210.66	22.1514	0.35	0.0019726	3.02	0.0000000	0.00	0.0567174	0.52	0.0015905	12.82	0.0108814	210.66	4.71427	0.50	0.0149655	1.37	6.30240	1.57	3.11874	3.02	0.0000000	0.00	0.0180227	2.71
17D07749	3.0 %	0.0077363	3.94	0.0000000	0.00	0.0049016	0.42	0.0000000	0.00	18.4062	0.54	0.0014459	3.94	0.0000000	0.00	0.0432552	0.70	0.0013216	12.83	0.0000000	0.00	3.59531	0.68	0.0124352	1.38	4.75647	2.01	2.28607	3.94	0.0000000	0.00	0.0137449	2.74
17D07751	3.3 %	0.0110648	3.08	0.0000000	0.00	0.0080109	0.34	0.0000000	0.00	30.0822	0.30	0.0020680	3.08	0.0000000	0.00	0.0640857	0.48	0.0021599	12.82	0.0000000	0.00	5.32671	0.45	0.0203235	1.35	7.02115	1.51	3.26964	3.08	0.0000000	0.00	0.0203640	2.70
17D07752	3.6 %	0.0102239	3.09	0.0000000	0.00	0.0071487	0.36	0.0000004	465.09	26.8444	0.32	0.0019108	3.09	0.0000000	0.00	0.0547066	0.54	0.0019274	12.82	0.0051750	465.09	4.54714	0.52	0.0181360	1.36	5.84541	1.69	3.02115	3.09	0.0000000	0.00	0.0173837	2.71
17D07754	3.9 %	0.0161343	2.30	0.0000000	0.00	0.0123816	0.30	0.0000010	162.07	46.4950	0.26	0.0030155	2.30	0.0000000	0.00	0.0859660	0.36	0.0033383	12.82	0.0148806	162.07	7.14538	0.32	0.0314120	1.35	9.07114	1.26	4.76770	2.30	0.0000000	0.00	0.0273168	2.68
17D07755	4.3 %	0.0107213	3.33	0.0000000	0.00	0.0126019	0.30	0.0000000	0.00	47.3221	0.26	0.0020038	3.33	0.0000000	0.00	0.0824369	0.37	0.0033977	12.82	0.0000000	0.00	6.85204	0.34	0.0319708	1.35	9.00582	1.22	3.16814	3.33	0.0000000	0.00	0.0261954	2.68
17D07757	4.6 %	✓ 0.0137501	2.72	0.00000000	0.00	0.0161254	0.29	0.00000021	98.12	60.5535	0.25	0.0025699	2.72	0.00000000	0.00	0.1021671	0.31	0.0043477	12.82	0.0302637	98.12	8.49199	0.27	0.0409099	1.34	10.60722	1.09	4.06317	2.72	0.00000000	0.00	0.0324649	2.67
17D07758	4.9 %	✓ 0.0215591	1.86	0.00000000	0.00	0.0167876	0.29	0.00000000	0.00	63.0402	0.24	0.0040294	1.86	0.00000000	0.00	0.1003941	0.34	0.0045263	12.82	0.00000000	0.00	8.34461	0.30	0.0425900	1.34	10.48732	1.17	6.37072	1.86	0.00000000	0.00	0.0319015	2.68
17D07759	5.2 %	✓ 0.0095142	3.70	0.00000000	0.00	0.0156961	0.29	0.00000011	142.55	58.9415	0.25	0.0017782	3.70	0.00000000	0.00	0.0905332	0.35	0.0042320	12.82	0.0164994	142.55	7.52500	0.32	0.0398209	1.34	9.39962	1.16	2.81145	3.70	0.00000000	0.00	0.0287681	2.68
17D07761	5.5 %	✓ 0.0100090	3.83	0.00000000	0.00	0.0195232	0.28	0.00000013	120.57	73.3126	0.24	0.0018707	3.83	0.00000000	0.00	0.1088608	0.30	0.0052638	12.82	0.0197630	120.57	9.04836	0.26	0.0495300	1.34	11.28852	1.04	2.95765	3.83	0.00000000	0.00	0.0345919	2.67
17D07762	5.8 %	✓ 0.0084682	3.84	0.00000000	0.00	0.0174398	0.29	0.00000005	322.80	65.4893	0.25	0.0015827	3.84	0.00000000	0.00	0.0944569	0.34	0.0047021	12.82	0.0071758	322.81	7.85113	0.31	0.0442446	1.34	10.01137	1.01	2.50235	3.84	0.00000000	0.00	0.0300149	2.68
17D07763	6.1 %	✓ 0.0103393	3.75	0.00000000	0.00	0.0204797	0.28	0.00000028	59.12	76.9046	0.24	0.0019324	3.75	0.00000000	0.00	0.1076718	0.31	0.0055218	12.82	0.0406764	59.13	8.94953	0.26	0.0519568	1.34	11.27901	1.05	3.05527	3.75	0.00000000	0.00	0.0342140	2.67
17D07764	6.5 %	✓ 0.0115218	3.28	0.00000000	0.00	0.0226582	0.28	0.00000000	#####	85.0852	0.24	0.0021534	3.28	0.00000000	0.00	0.1173687	0.30	0.0061091	12.82	0.0000572	#####	9.75553	0.25	0.0574836	1.34	12.13900	0.96	3.40470	3.28	0.00000000	0.00	0.0372954	2.67
17D07766	7.0 %	✓ 0.0127855	3.27	0.00000000	0.00	0.0284425	0.28	0.00000024	65.93	106.8061	0.23	0.0023896	3.27	0.00000000	0.00	0.1435177	0.26	0.0076687	12.82	0.0352871	65.94	11.92899	0.21	0.0721582	1.34	15.19553	0.84	3.77811	3.27	0.00000000	0.00	0.0456045	2.67
17D07767	7.6 %	✓ 0.0167466	2.74	0.00000000	0.00	0.0361375	0.27	0.00000009	175.86	135.7023	0.23	0.0031299	2.74	0.00000000	0.00	0.1795152	0.23	0.0097434	12.82	0.0134563	175.86	14.92105	0.17	0.0916805	1.34	18.57761	0.75	4.94863	2.74	0.00000000	0.00	0.0570432	2.67
17D07768	8.4 %	✓ 0.1259264	0.66	0.00000000	0.00	0.0547997	0.27	0.00000010	160.59	205.7817	0.23	0.0235356	0.66	0.00000000	0.00	0.2655205	0.20	0.0147751	12.82	0.0149854	160.59	22.06969	0.12	0.1390261	1.34	27.65902	0.90	37.21125	0.66	0.00000000	0.00	0.0843724	2.66
17D07770	9.4 %	✓ 0.0377772	1.87	0.00000000	0.00	0.0680711	0.27	0.00000019	85.44	255.6181	0.23	0.0070606	1.87	0.00000000	0.00	0.3244724	0.19	0.0183534	12.82	0.0278957	85.44	26.96969	0.11	0.1726956	1.34	33.73600	0.63	11.16317	1.87	0.00000000	0.00	0.1031051	2.66
17D07771	10.5 %	✓ 0.6700302	0.37	0.00000000	0.00	0.0931578	0.27	0.00000008	212.61	349.8229	0.23	0.1252286	0.37	0.00000000	0.00	0.4417650	0.18	0.0251173	12.82	0.0110871	212.62	36.71889	0.09	0.2363403	1.34	45.38652	1.63	197.99391	0.37	0.00000000	0.00	0.1403763	2.66
17D07772	11.0 %	✓ 0.0765835	1.02	0.00000000	0.00	0.0786716	0.27	0.00000000	0.00	295.4248	0.23	0.0143135	1.02	0.00000000	0.00	0.3677622	0.19	0.0212115	12.82	0.00000000	0.00	30.56788	0.10	0.1995890	1.34	38.40145	0.61	22.63042	1.02	0.00000000	0.00	0.1168610	2.66
17D07774	11.6 %	✓ 0.0351611	1.91	0.00000000	0.00	0.0754796	0.27	0.00000000	0.00	283.4382	0.23	0.0065716	1.91	0.00000000	0.00	0.3518220	0.19	0.0203509	12.82	0.00000000	0.00	29.24296	0.10	0.1914909	1.34	37.38945	0.54	10.39012	1.91	0.00000000	0.00	0.1117958	2.66
17D07775	12.2 %	✓ 0.0415407	1.59	0.00000000	0.00	0.0715978	0.27	0.00000000	0.0																								

Additional Parameters		40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
17D07743	1.8 %	4.040180	0.031704	2.810066	0.029064	0.010014	0.000150	41.934	2.295037	1.00029681	5.889E-13
17D07745	2.0 %	2.338267	0.025002	3.456324	0.040884	0.004158	0.000136	41.946	2.295572	1.00029690	2.753E-13
17D07746	2.4 %	2.232188	0.021068	4.047054	0.039765	0.004016	0.000105	41.951	2.295824	1.00029694	3.051E-13
17D07748	2.8 %	1.995917	0.011930	4.683922	0.028555	0.003479	0.000069	41.963	2.296359	1.00029702	4.531E-13
17D07749	3.0 %	1.955872	0.015855	5.101857	0.039937	0.003503	0.000088	41.969	2.296643	1.00029706	3.387E-13
17D07751	3.3 %	1.928387	0.010579	5.625957	0.030272	0.003568	0.000066	41.981	2.297179	1.00029715	4.949E-13
17D07752	3.6 %	1.945981	0.012209	5.880120	0.035835	0.003805	0.000072	41.987	2.297431	1.00029719	4.264E-13
17D07754	3.9 %	1.932083	0.007603	6.478524	0.026827	0.003973	0.000053	41.999	2.297966	1.00029727	6.656E-13
17D07755	4.3 %	1.772245	0.007541	6.874209	0.029384	0.003388	0.000053	42.005	2.298250	1.00029731	5.856E-13
17D07757	4.6 %	1.723079	0.006033	7.096473	0.026069	0.003501	0.000044	42.017	2.298786	1.00029740	7.057E-13
17D07758	4.9 %	2.013775	0.007085	7.516239	0.028794	0.004572	0.000049	42.023	2.299070	1.00029744	8.107E-13
17D07759	5.2 %	1.617995	0.006646	7.791532	0.031084	0.003333	0.000047	42.028	2.299322	1.00029748	5.875E-13
17D07761	5.5 %	1.569678	0.005328	8.058200	0.028378	0.003246	0.000042	42.040	2.299858	1.00029756	6.855E-13
17D07762	5.8 %	1.588746	0.006271	8.294643	0.032379	0.003281	0.000042	42.047	2.300142	1.00029761	6.021E-13
17D07763	6.1 %	1.596236	0.005456	8.543548	0.030350	0.003424	0.000043	42.052	2.300395	1.00029765	6.897E-13
17D07764	6.5 %	1.587790	0.005167	8.670655	0.029929	0.003483	0.000039	42.058	2.300679	1.00029769	7.479E-13
17D07766	7.0 %	1.584785	0.004194	8.899659	0.027549	0.003436	0.000035	42.070	2.301215	1.00029777	9.129E-13
17D07767	7.6 %	1.570885	0.003393	9.039147	0.025881	0.003523	0.000030	42.076	2.301468	1.00029781	1.132E-12
17D07768	8.4 %	2.924736	0.003872	9.265808	0.023914	0.008138	0.000038	42.082	2.301752	1.00029786	3.118E-12
17D07770	9.4 %	1.658007	0.002112	9.417670	0.023504	0.003900	0.000025	42.094	2.302289	1.00029794	2.160E-12
17D07771	10.5 %	6.589616	0.006028	9.466126	0.023021	0.020652	0.000070	42.100	2.302573	1.00029798	1.169E-11
17D07772	11.0 %	1.987447	0.002224	9.601854	0.023679	0.005046	0.000025	42.106	2.302826	1.00029802	2.935E-12
17D07774	11.6 %	1.627052	0.002001	9.629474	0.023888	0.003759	0.000022	42.117	2.303363	1.00029811	2.299E-12
17D07775	12.2 %	1.705557	0.002236	9.689948	0.024440	0.004078	0.000023	42.124	2.303647	1.00029815	2.272E-12
17D07776	12.9 %	1.929992	0.002490	9.687392	0.024414	0.004748	0.000026	42.129	2.303900	1.00029819	2.393E-12
17D07778	13.6 %	4.606212	0.005429	9.504504	0.024140	0.013662	0.000052	42.141	2.304437	1.00029827	5.488E-12
17D07779	14.3 %	2.635494	0.003167	9.490419	0.023928	0.007095	0.000034	42.147	2.304722	1.00029832	3.222E-12
17D07780	15.0 %	3.303912	0.004313	9.343509	0.024154	0.009152	0.000043	42.153	2.304975	1.00029836	3.559E-12
17D07782	15.8 %	3.355552	0.005324	9.267031	0.025276	0.009229	0.000044	42.165	2.305512	1.00029844	2.821E-12
17D07783	16.6 %	2.041199	0.003265	9.114089	0.024184	0.004755	0.000032	42.171	2.305797	1.00029848	1.846E-12
17D07785	17.5 %	2.572247	0.003321	9.267298	0.023693	0.006755	0.000032	42.183	2.306334	1.00029857	2.955E-12

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
17D07743	1.8 %	0.0045550 ± 0.0001678	0.0789503 ± 0.0184021	0.0455204 ± 0.0172655	0.0178924 ± 0.0162957	1.2138874 ± 0.0265832
17D07745	2.0 %	0.0044757 ± 0.0001678	0.0843661 ± 0.0184021	0.0432599 ± 0.0172655	0.0079940 ± 0.0162957	1.2173545 ± 0.0265832
17D07746	2.4 %	0.0044406 ± 0.0001678	0.0853172 ± 0.0184021	0.0428926 ± 0.0172655	0.0043927 ± 0.0162957	1.2171753 ± 0.0265832
17D07748	2.8 %	0.0043720 ± 0.0001678	0.0847085 ± 0.0184021	0.0432660 ± 0.0172655	0.0013894 ± 0.0162957	1.2141118 ± 0.0265832
17D07749	3.0 %	0.0043393 ± 0.0001678	0.0832509 ± 0.0184021	0.0439657 ± 0.0172655	0.0035754 ± 0.0162957	1.2114928 ± 0.0265832
17D07751	3.3 %	0.0042851 ± 0.0001678	0.0790318 ± 0.0184021	0.0459445 ± 0.0172655	0.0063928 ± 0.0162957	1.2057143 ± 0.0265832
17D07752	3.6 %	0.0042633 ± 0.0001678	0.0766013 ± 0.0184021	0.0470790 ± 0.0172655	0.0072368 ± 0.0162957	1.2029615 ± 0.0265832
17D07754	3.9 %	0.0042255 ± 0.0001678	0.0710003 ± 0.0184021	0.0497016 ± 0.0172655	0.0082720 ± 0.0162957	1.1978512 ± 0.0265832
17D07755	4.3 %	0.0042105 ± 0.0001678	0.0679933 ± 0.0184021	0.0511200 ± 0.0172655	0.0085091 ± 0.0162957	1.1958748 ± 0.0265832
17D07757	4.6 %	0.0041920 ± 0.0001678	0.0626405 ± 0.0184021	0.0536770 ± 0.0172655	0.0085945 ± 0.0162957	1.1941932 ± 0.0265832
17D07758	4.9 %	0.0041876 ± 0.0001678	0.0601249 ± 0.0184021	0.0549013 ± 0.0172655	0.0085321 ± 0.0162957	1.1946383 ± 0.0265832
17D07759	5.2 %	0.0041869 ± 0.0001678	0.0581416 ± 0.0184021	0.0558835 ± 0.0172655	0.0084558 ± 0.0162957	1.1959314 ± 0.0265832
17D07761	5.5 %	0.0041958 ± 0.0001678	0.0548775 ± 0.0184021	0.0575644 ± 0.0172655	0.0083365 ± 0.0162957	1.2017914 ± 0.0265832
17D07762	5.8 %	0.0042063 ± 0.0001678	0.0537371 ± 0.0184021	0.0581992 ± 0.0172655	0.0083462 ± 0.0162957	1.2067432 ± 0.0265832
17D07763	6.1 %	0.0042190 ± 0.0001678	0.0530886 ± 0.0184021	0.0586026 ± 0.0172655	0.0084200 ± 0.0162957	1.2122798 ± 0.0265832
17D07764	6.5 %	0.0042372 ± 0.0001678	0.0527782 ± 0.0184021	0.0588695 ± 0.0172655	0.0085909 ± 0.0162957	1.2198205 ± 0.0265832
17D07766	7.0 %	0.0042826 ± 0.0001678	0.0533892 ± 0.0184021	0.0588300 ± 0.0172655	0.0092029 ± 0.0162957	1.2379238 ± 0.0265832
17D07767	7.6 %	0.0043090 ± 0.0001678	0.0541921 ± 0.0184021	0.0585721 ± 0.0172655	0.0096293 ± 0.0162957	1.2481931 ± 0.0265832
17D07768	8.4 %	0.0043424 ± 0.0001678	0.0554538 ± 0.0184021	0.0581102 ± 0.0172655	0.0102140 ± 0.0162957	1.2610661 ± 0.0265832
17D07770	9.4 %	0.0044165 ± 0.0001678	0.0587150 ± 0.0184021	0.0567974 ± 0.0172655	0.0115960 ± 0.0162957	1.2890654 ± 0.0265832
17D07771	10.5 %	0.0044614 ± 0.0001678	0.0607958 ± 0.0184021	0.0559095 ± 0.0172655	0.0124502 ± 0.0162957	1.3057339 ± 0.0265832
17D07772	11.0 %	0.0045044 ± 0.0001678	0.0627749 ± 0.0184021	0.0550368 ± 0.0172655	0.0132609 ± 0.0162957	1.3215444 ± 0.0265832
17D07774	11.6 %	0.0046055 ± 0.0001678	0.0670946 ± 0.0184021	0.0530317 ± 0.0172655	0.0150605 ± 0.0162957	1.3579310 ± 0.0265832
17D07775	12.2 %	0.0046642 ± 0.0001678	0.0692603 ± 0.0184021	0.0519580 ± 0.0172655	0.0159992 ± 0.0162957	1.3785222 ± 0.0265832
17D07776	12.9 %	0.0047192 ± 0.0001678	0.0709943 ± 0.0184021	0.0510432 ± 0.0172655	0.0167868 ± 0.0162957	1.3974574 ± 0.0265832
17D07778	13.6 %	0.0048445 ± 0.0001678	0.0736535 ± 0.0184021	0.0493903 ± 0.0172655	0.0181717 ± 0.0162957	1.4391611 ± 0.0265832
17D07779	14.3 %	0.0049152 ± 0.0001678	0.0742365 ± 0.0184021	0.0487775 ± 0.0172655	0.0186572 ± 0.0162957	1.4617336 ± 0.0265832
17D07780	15.0 %	0.0049804 ± 0.0001678	0.0741106 ± 0.0184021	0.0484501 ± 0.0172655	0.0188873 ± 0.0162957	1.4818842 ± 0.0265832
17D07782	15.8 %	0.0051256 ± 0.0001678	0.0712632 ± 0.0184021	0.0486576 ± 0.0172655	0.0185458 ± 0.0162957	1.5242738 ± 0.0265832
17D07783	16.6 %	0.0052058 ± 0.0001678	0.0679993 ± 0.0184021	0.0493979 ± 0.0172655	0.0177864 ± 0.0162957	1.5460598 ± 0.0265832
17D07785	17.5 %	0.0053626 ± 0.0001678	0.0576451 ± 0.0184021	0.0523337 ± 0.0172655	0.0149411 ± 0.0162957	1.5848782 ± 0.0265832

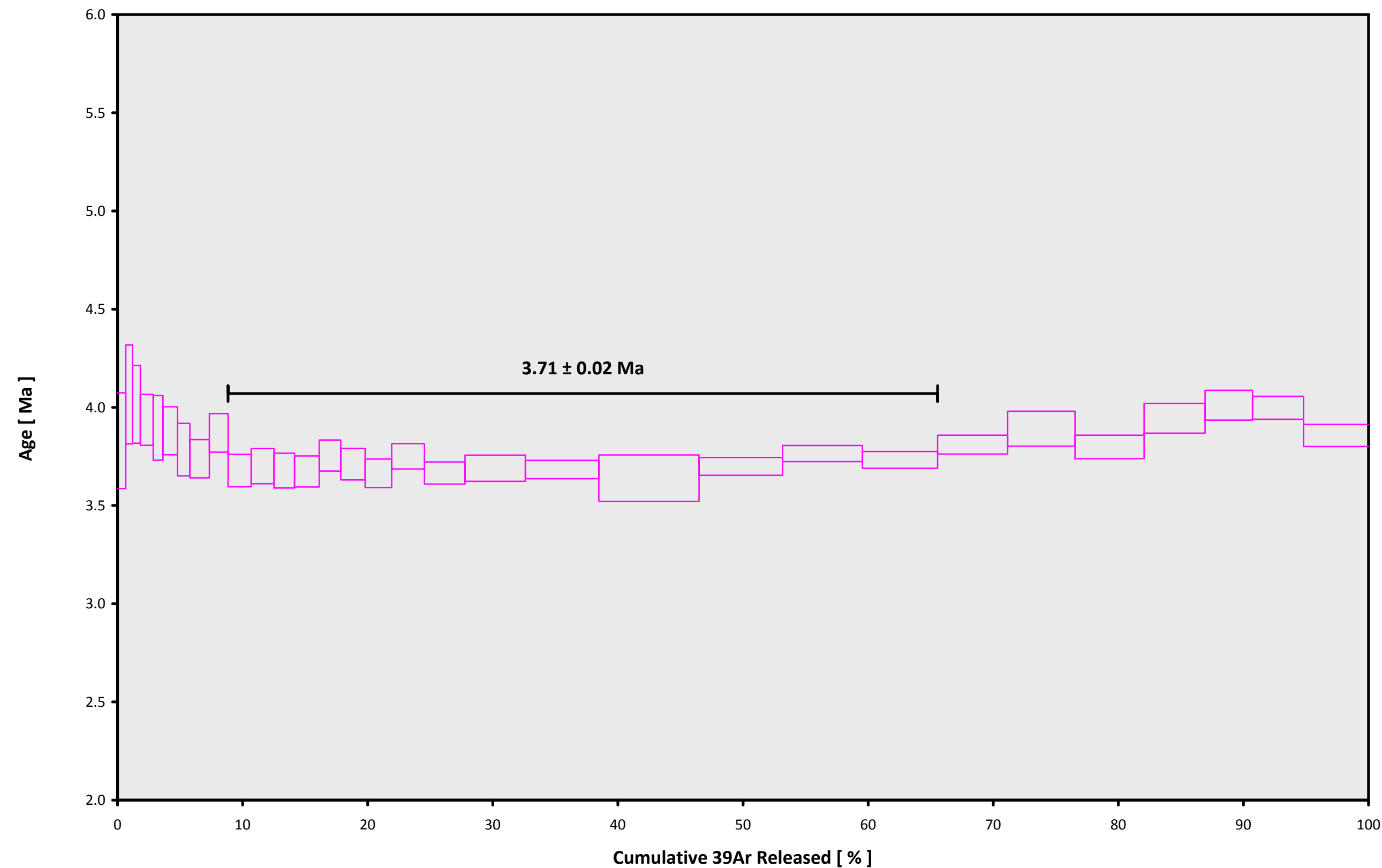
Intercept Values		36Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	37Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	38Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	39Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	40Ar ± 1σ (SE) [fA]	r2	Regression (type,n)
17D07743	1.8 %	0.0339704 ± 0.0003366	0.8366	EXP 150 of 150	3.573665 ± 0.017196	0.5672	EXP 150 of 150	0.0102782 ± 0.0159145	0.0000	EXP 148 of 150	2.999957 ± 0.015035	0.2800	EXP 150 of 150	13.481986 ± 0.019439	0.9997	EXP 150 of 150
17D07745	2.0 %	0.0143444 ± 0.0002589	0.8881	EXP 150 of 150	3.544422 ± 0.018577	0.5314	EXP 150 of 150	0.0302825 ± 0.0169071	0.0125	EXP 150 of 150	2.430146 ± 0.015005	0.3289	EXP 150 of 150	6.953655 ± 0.018064	0.9997	EXP 150 of 150
17D07746	2.4 %	0.0155045 ± 0.0002170	0.9183	EXP 150 of 150	4.846362 ± 0.018840	0.6794	EXP 150 of 150	0.0081992 ± 0.0165684	0.0004	EXP 150 of 150	2.825792 ± 0.015352	0.3002	EXP 149 of 150	7.573774 ± 0.018665	0.9996	EXP 150 of 150
17D07748	2.8 %	0.0202889 ± 0.0002539	0.8771	EXP 149 of 150	9.392086 ± 0.018136	0.8995	EXP 150 of 150	0.0270611 ± 0.0146605	0.0029	EXP 150 of 150	4.701543 ± 0.016458	0.6801	EXP 150 of 150	10.653282 ± 0.016669	0.9997	EXP 150 of 150
17D07749	3.0 %	0.0165648 ± 0.0002391	0.8649	EXP 150 of 150	7.790309 ± 0.017857	0.8594	EXP 150 of 150	0.0003517 ± 0.0156112	0.0004	EXP 150 of 150	3.589133 ± 0.017770	0.4134	EXP 150 of 150	8.267782 ± 0.017154	0.9996	EXP 150 of 150
17D07751	3.3 %	0.0227383 ± 0.0002786	0.8028	EXP 150 of 150	12.786132 ± 0.017829	0.9420	EXP 150 of 150	0.0183072 ± 0.0162068	0.0041	EXP 150 of 150	5.320545 ± 0.016913	0.7109	EXP 150 of 150	11.516871 ± 0.019344	0.9994	EXP 150 of 150
17D07752	3.6 %	0.0210693 ± 0.0002504	0.8314	EXP 150 of 150	11.402584 ± 0.019325	0.9116	EXP 150 of 150	0.0158934 ± 0.0163562	0.0020	EXP 150 of 150	4.544434 ± 0.016599	0.6708	EXP 149 of 150	10.086901 ± 0.017160	0.9995	EXP 150 of 150
17D07754	3.9 %	0.0318120 ± 0.0003072	0.7004	EXP 150 of 150	19.806556 ± 0.019557	0.9709	EXP 150 of 150	0.0562414 ± 0.0164209	0.0034	EXP 150 of 150	7.140921 ± 0.015379	0.8719	EXP 150 of 150	15.064004 ± 0.017246	0.9995	EXP 150 of 150
17D07755	4.3 %	0.0267726 ± 0.0002938	0.7805	EXP 150 of 150	20.160686 ± 0.021014	0.9679	EXP 150 of 150	0.0268014 ± 0.0158859	0.0002	EXP 150 of 150	6.850182 ± 0.015658	0.8495	EXP 150 of 150	13.396029 ± 0.017469	0.9994	EXP 150 of 150
17D07757	4.6 %	0.0330947 ± 0.0003075	0.6677	EXP 150 of 150	25.815965 ± 0.020877	0.9798	EXP 150 of 150	0.0840368 ± 0.0237174	0.0428	EXP 150 of 150	8.489009 ± 0.015146	0.9193	EXP 150 of 150	15.897049 ± 0.019243	0.9992	EXP 150 of 150
17D07758	4.9 %	0.0412831 ± 0.0003327	0.5730	EXP 149 of 150	26.877919 ± 0.018028	0.9856	EXP 150 of 150	0.0495320 ± 0.0161708	0.0002	EXP 150 of 150	8.344151 ± 0.017651	0.8840	EXP 150 of 150	18.084580 ± 0.018512	0.9993	EXP 150 of 150
17D07759	5.2 %	0.0285757 ± 0.0002860	0.7597	EXP 150 of 150	25.125700 ± 0.017323	0.9854	EXP 150 of 150	0.0558334 ± 0.0155477	0.0025	EXP 150 of 150	7.526747 ± 0.016393	0.8788	EXP 150 of 150	13.435768 ± 0.018591	0.9993	EXP 150 of 150
17D07761	5.5 %	0.0327656 ± 0.0003169	0.6648	EXP 150 of 150	31.261976 ± 0.019748	0.9878	EXP 150 of 150	0.0766015 ± 0.0159942	0.0036	EXP 150 of 150	9.050271 ± 0.015540	0.9221	EXP 150 of 150	15.482554 ± 0.017251	0.9993	EXP 150 of 150
17D07762	5.8 %	0.0292694 ± 0.0002527	0.7535	EXP 150 of 150	27.917779 ± 0.020253	0.9838	EXP 150 of 150	0.0484525 ± 0.0150150	0.0000	EXP 150 of 150	7.855157 ± 0.016666	0.8813	EXP 150 of 150	13.750481 ± 0.017147	0.9993	EXP 150 of 150
17D07763	6.1 %	0.0340351 ± 0.0003206	0.6394	EXP 150 of 150	32.790494 ± 0.019898	0.9883	EXP 150 of 150	0.0953722 ± 0.0163079	0.0152	EXP 150 of 150	8.954540 ± 0.015909	0.9064	EXP 150 of 150	15.580777 ± 0.016896	0.9993	EXP 150 of 150
17D07764	6.5 %	0.0373019 ± 0.0003064	0.5946	EXP 150 of 150	36.280005 ± 0.018743	0.9916	EXP 150 of 150	0.0653447 ± 0.0169093	0.0053	EXP 150 of 150	9.761245 ± 0.017287	0.9220	EXP 149 of 150	16.800822 ± 0.018104	0.9992	EXP 150 of 150
17D07766	7.0 %	0.0441676 ± 0.0003439	0.5792	EXP 149 of 150	45.543942 ± 0.018273	0.9950	EXP 150 of 150	0.1278177 ± 0.0151417	0.0422	EXP 150 of 150	11.936536 ± 0.016585	0.9534	EXP 150 of 150	20.257167 ± 0.017569	0.9991	EXP 150 of 150
17D07767	7.6 %	0.0554684 ± 0.0003756	0.3772	EXP 150 of 150	57.873041 ± 0.021238	0.9957	EXP 150 of 150	0.1448582 ± 0.0157172	0.0154	EXP 150 of 150	14.930023 ± 0.017080	0.9670	EXP 150 of 150	24.831477 ± 0.016614	0.9992	EXP 150 of 150
17D07768	8.4 %	0.1791724 ± 0.0006186	0.4526	EXP 150 of 150	87.775730 ± 0.021800	0.9980	EXP 150 of 150	0.2569666 ± 0.0162338	0.0116	EXP 150 of 150	22.082330 ± 0.016380	0.9860	EXP 150 of 150	66.215708 ± 0.019944	0.9978	EXP 150 of 150
17D07770	9.4 %	0.1068128 ± 0.0005765	0.0014	EXP 150 of 150	109.018039 ± 0.023717	0.9985	EXP 150 of 150	0.3165532 ± 0.0158306	0.0566	EXP 150 of 150	26.987034 ± 0.015429	0.9917	EXP 150 of 150	46.291342 ± 0.019434	0.9985	EXP 150 of 150
17D07771	10.5 %	0.7427472 ± 0.0013836	0.9148	EXP 150 of 150	149.196390 ± 0.022139	0.9993	EXP 150 of 150	0.5402128 ± 0.0152654	0.0687	EXP 150 of 150	36.740373 ± 0.017200	0.9945	EXP 150 of 150	244.826542 ± 0.028575	0.9894	EXP 150 of 150
17D07772	11.0 %	0.1546935 ± 0.0005831	0.1513	EXP 150 of 150	125.970823 ± 0.025175	0.9987	EXP 150 of 150	0.3137051 ± 0.0152522	0.0001	EXP 149 of 150	30.591484 ± 0.016027	0.9928	EXP 150 of 150	62.470277 ± 0.020252	0.9982	EXP 150 of 150
17D07774	11.6 %	0.1116361 ± 0.0005236	0.0027	EXP 150 of 150	120.824629 ± 0.022697	0.9989	EXP 150 of 150	0.3105004 ± 0.0171693	0.0048	EXP 150 of 150	29.268453 ± 0.016629	0.9918	EXP 150 of 150	49.249293 ± 0.020093	0.9983	EXP 150 of 150
17D07775	12.2 %	0.1141110 ± 0.0005081	0.0034	EXP 150 of 150	114.591055 ± 0.025071	0.9985	EXP 150 of 150	0.2967131 ± 0.0162304	0.0128	EXP 150 of 150	27.591761 ± 0.019024	0.9880	EXP 150 of 150	48.701660 ± 0.020262	0.9983	EXP 150 of 150
17D07776	12.9 %	0.1233634 ± 0.0005298	0.0016	EXP 150 of 150	106.635772 ± 0.021840	0.9987	EXP 150 of 150	0.2792792 ± 0.0156939	0.0159	EXP 150 of 150	25.689310 ± 0.016513	0.9892	EXP 150 of 150	51.251876 ± 0.020441	0.9981	EXP 150 of 150
17D07778	13.6 %	0.3329060 ± 0.0008040	0.7976	EXP 150 of 150	100.507338 ± 0.023817	0.9982	EXP 150 of 150	0.2945193 ± 0.0181362	0.0002	EXP 150 of 150	24.688288 ± 0.016755	0.9881	EXP 150 of 150	115.778280 ± 0.023606	0.9838	EXP 150 of 150
17D07779	14.3 %	0.1797351 ± 0.0006405	0.4103	EXP 150 of 150	102.961691 ± 0.022953	0.9984	EXP 150 of 150	0.2996223 ± 0.0173114	0.0125	EXP 150 of 150	25.331541 ± 0.015941	0.9899	EXP 150 of 150	68.586595 ± 0.019085	0.9977	EXP 150 of 150
17D07780	15.0 %	0.2036368 ± 0.0007245	0.4259	EXP 150 of 150	89.286264 ± 0.022910	0.9979	EXP 150 of 150	0.2801736 ± 0.0163118	0.0272	EXP 150 of 150	22.319713 ± 0.016926	0.9854	EXP 150 of 150	75.617877 ± 0.019711	0.9969	EXP 150 of 150
17D07782	15.8 %	0.1614998 ± 0.0005500	0.3915	EXP 150 of 150	69.094084 ± 0.021814	0.9969	EXP 150 of 150	0.2216425 ± 0.0156151	0.0461	EXP 150 of 150	17.425995 ± 0.016765	0.9742	EXP 150 of 150	60.297422 ± 0.019822	0.9973	EXP 150 of 150
17D07783	16.6 %	0.0918685 ± 0.0004973	0.0121	EXP 150 of 150	73.091972 ± 0.020389	0.9975	EXP 150 of 150	0.1725690 ± 0.0170155	0.0000	EXP 150 of 150	18.741889 ± 0.015401	0.9824	EXP 150 of 150	40.002238 ± 0.019308	0.9982	EXP 150 of 150
17D07785	17.5 %	0.1617632 ± 0.0005516	0.3590	EXP 149 of 150	94.427543 ± 0.021539	0.9983	EXP 150 of 150	0.2777377 ± 0.0184775	0.0229	EXP 150 of 150	23.802651 ± 0.016993	0.9870	EXP 150 of 150	63.151479 ± 0.020064	0.9970	EXP 150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
17D07743	1.8 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07745	2.0 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07746	2.4 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07748	2.8 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07749	3.0 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07751	3.3 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07752	3.6 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07754	3.9 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07755	4.3 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07757	4.6 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07758	4.9 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07759	5.2 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07761	5.5 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07762	5.8 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07763	6.1 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07764	6.5 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07766	7.0 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07767	7.6 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07768	8.4 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07770	9.4 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07771	10.5 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07772	11.0 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07774	11.6 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07775	12.2 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07776	12.9 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07778	13.6 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07779	14.3 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07780	15.0 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07782	15.8 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07783	16.6 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01
17D07785	17.5 %	Dan Miggins	17-OSU-01	0.00	0.00	29.01	Oregon\McClaghry (15-17)	17D07739	01

Sample Parameters		Sample	Material	Location	Standard Name	Standard (in Ma)	%1σ	Standard Reference	Standard 40Ar/39Ar	%1σ	J	%1σ	Air 40Ar/36Ar	%1σ	MDF (lin)	%1σ	Volume Ratio	Sensitivity (mol/volt)	Day	Month	Year	Hour	Min	Resist
17D07743	1.8 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	0.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	14	4	1
17D07745	2.0 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	0.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	14	21	1
17D07746	2.4 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	0.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	14	29	1
17D07748	2.8 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	0.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	14	46	1
17D07749	3.0 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	0.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	14	55	1
17D07751	3.3 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	0.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	15	12	1
17D07752	3.6 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	0.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	15	20	1
17D07754	3.9 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	0.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	15	37	1
17D07755	4.3 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	0.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	15	46	1
17D07757	4.6 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	0.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	16	3	1
17D07758	4.9 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	0.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	16	12	1
17D07759	5.2 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	0.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	16	20	1
17D07761	5.5 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	0.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	16	37	1
17D07762	5.8 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	0.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	16	46	1
17D07763	6.1 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	0.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	16	54	1
17D07764	6.5 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	0.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	17	3	1
17D07766	7.0 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	0.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	17	20	1
17D07767	7.6 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	0.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	17	28	1
17D07768	8.4 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	0.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	17	37	1
17D07770	9.4 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	1.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	17	54	1
17D07771	10.5 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	1.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	18	3	1
17D07772	11.0 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	1.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	18	11	1
17D07774	11.6 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	1.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	18	28	1
17D07775	12.2 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	1.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	18	37	1
17D07776	12.9 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	1.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	18	45	1
17D07778	13.6 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	1.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	19	2	1
17D07779	14.3 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	1.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	19	11	1
17D07780	15.0 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	1.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	19	19	1
17D07782	15.8 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	1.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	19	36	1
17D07783	16.6 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	1.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	19	45	1
17D07785	17.5 %	265-DFWJ-14	Plagioclase	Dufur West	FCT-NM (1E17-17)	28.201	1.082	Kuiper et al (2008)	9.64272	0.117	0.00162997	0.117	302.591	0.097	0.99413386	0.063	1	4.8E-14	2	MAR	2017	20	2	1

Irradiation Constants		40/36(a)	%1σ	40/36(c)	%1σ	38/36(a)	%1σ	38/36(c)	%1σ	39/37(ca)	%1σ	38/37(ca)	%1σ	36/37(ca)	%1σ	40/39(k)	%1σ	38/39(k)	%1σ	36/38(cl)	%1σ	K/Ca	%1σ	K/Cl	%1σ	Ca/Cl	%1σ
17D07743	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
17D07745	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
17D07746	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
17D07748	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
17D07749	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
17D07751	3.3 %	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
17D07752	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
17D07754	3.9 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
17D07755	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
17D07757	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
17D07758	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
17D07759	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
17D07761	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
17D07762	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
17D07763	6.1 %	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
17D07764	6.5 %	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
17D07766	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
17D07767	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
17D07768	8.4 %	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
17D07770	9.4 %	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
17D07771	10.5 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
17D07772	11.0 %	295.5	0	0.018	35	0.1869	0	1.493	3	0.0006756	1.32	0.0000718	12.82	0.0002663	0.15	0.003823	2.66	0.012031	0.16	0	0	0.43	0	0	0	0	0
17D07774	11.6 %	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
17D07775	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
17D07776	12.9 %	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
17D07778	13.6 %	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
17D07779	14.3 %	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
17D07780	15.0 %	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
17D07782	15.8 %	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
17D07783	16.6 %	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
17D07785	17.5 %	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

17D07739.AGE >>> 265-DFWJ-14 >>> OREGON | MCCLAUGHRY (15-17) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

3.71 ± 0.02

TOTAL FUSION

3.78 ± 0.02

NORMAL ISOCHRON

3.71 ± 0.03

INVERSE ISOCHRON

3.72 ± 0.03

MSWD (PROBABILITY)

1.45 (12%)

Sample Info

Plagioclase

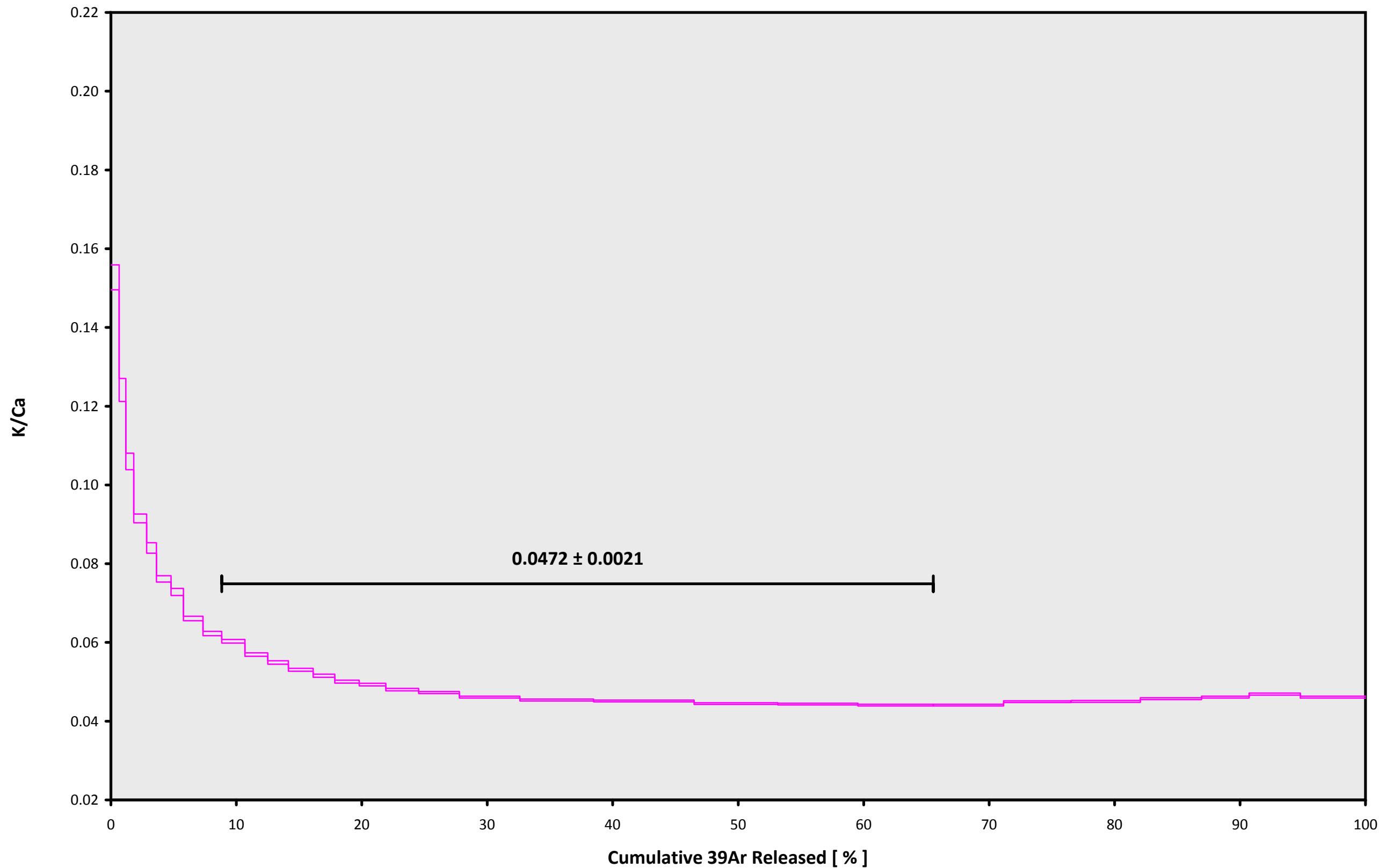
Dufur West

Dan Miggins

IRR = 17-OSU-01 (1E17-17)

J = 0.00162997 ± 0.00000191

17D07739.AGE >>> 265-DFWJ-14 >>> OREGON | MCCLAUGHRY (15-17) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

3.71 ± 0.02

TOTAL FUSION

3.78 ± 0.02

NORMAL ISOCHRON

3.71 ± 0.03

INVERSE ISOCHRON

3.72 ± 0.03

Sample Info

Plagioclase

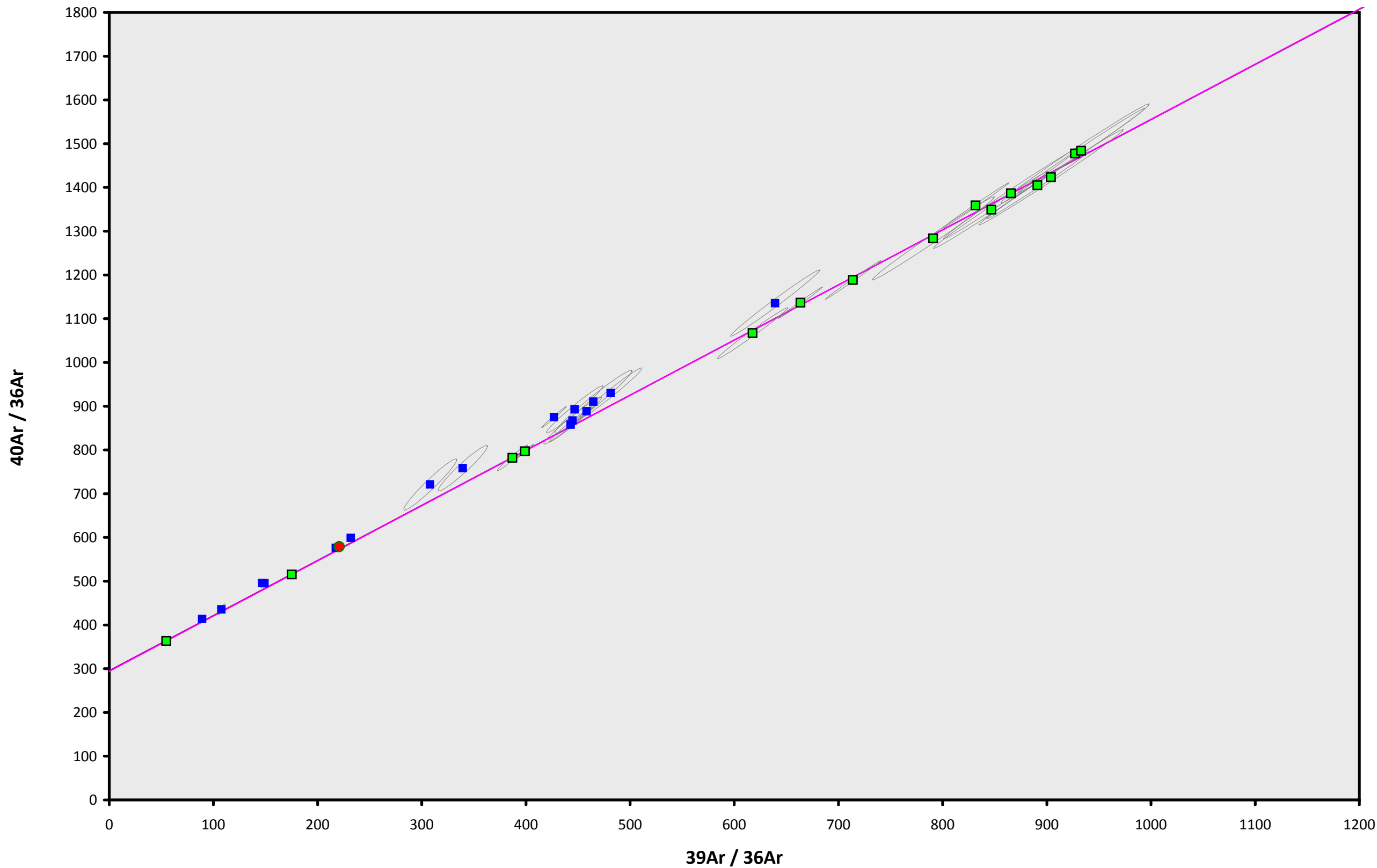
Dufur West

Dan Miggins

IRR = 17-OSU-01 (1E17-17)

J = $0.00162997 \pm 0.00000191$

17D07739.AGE >>> 265-DFWJ-14 >>> OREGON | MCCLAUGHRY (15-17) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

3.71 ± 0.02

TOTAL FUSION

3.78 ± 0.02

NORMAL ISOCHRON

3.71 ± 0.03

INVERSE ISOCHRON

3.72 ± 0.03

MSWD (PROBABILITY)

1.40 (15%)

40AR/36AR INTERCEPT

294.1 ± 2.6

Sample Info

Plagioclase

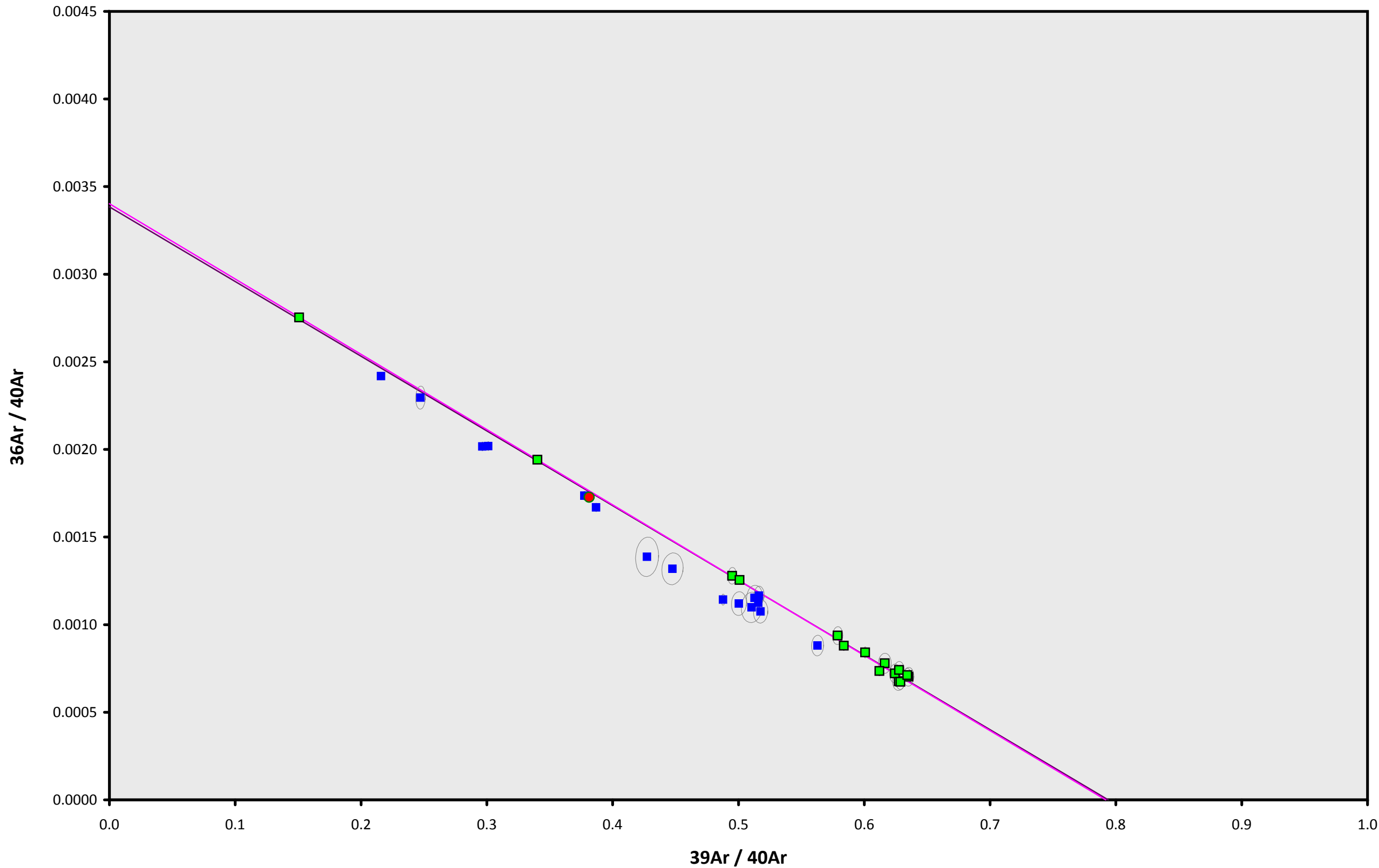
Dufur West

Dan Miggins

IRR = 17-OSU-01 (1E17-17)

J = 0.00162997 ± 0.00000191

17D07739.AGE >>> 265-DFWJ-14 >>> OREGON | MCCLAUGHRY (15-17) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

3.71 ± 0.02

TOTAL FUSION

3.78 ± 0.02

NORMAL ISOCHRON

3.71 ± 0.03

INVERSE ISOCHRON

3.72 ± 0.03

MSWD (PROBABILITY)

1.42 (14%)

SPREADING FACTOR

61.2%

40AR/36AR INTERCEPT

294.0 ± 2.6

Sample Info

Plagioclase

Dufur West

Dan Miggins

IRR = 17-OSU-01 (1E17-17)

$J = 0.00162997 \pm 0.00000191$