

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
16D30672	1.8 %	✓	2.92953	0.300	7.0518	0.921	0.563211	4.255	1.06896	2.106	851.004	0.021	4.61255 ± 5.35213	12.46 ± 14.40	0.58	0.19	0.065 ± 0.003
16D30673	2.0 %	✓	2.75167	0.302	7.8634	0.892	0.520649	4.572	1.17459	1.896	797.065	0.022	2.08190 ± 4.59358	5.63 ± 12.41	0.31	0.20	0.064 ± 0.003
16D30675	2.4 %	✓	3.15534	0.297	12.5301	0.569	0.587724	4.109	1.90018	1.211	913.666	0.020	1.44343 ± 3.20892	3.91 ± 8.68	0.30	0.33	0.065 ± 0.002
16D30676	2.8 %	✓	3.66590	0.299	15.7997	0.473	0.680475	3.388	2.42412	0.922	1062.223	0.017	1.65094 ± 2.93628	4.47 ± 7.94	0.38	0.42	0.066 ± 0.001
16D30678	3.0 %	✓	3.75601	0.297	19.1731	0.419	0.718848	3.186	2.85240	0.774	1091.678	0.016	2.69567 ± 2.54355	7.29 ± 6.86	0.70	0.50	0.064 ± 0.001
16D30679	3.3 %	✓	2.94547	0.301	18.2282	0.446	0.609115	4.043	2.73214	0.789	855.870	0.021	2.21358 ± 2.10833	5.99 ± 5.69	0.70	0.48	0.064 ± 0.001
16D30681	3.6 %	✓	3.60726	0.297	25.5173	0.365	0.712712	3.313	3.81140	0.591	1049.685	0.017	2.40791 ± 1.83243	6.51 ± 4.95	0.87	0.66	0.064 ± 0.001
16D30682	3.9 %	✓	3.53196	0.297	30.9195	0.321	0.713977	3.407	4.61116	0.503	1027.013	0.017	1.88201 ± 1.48248	5.09 ± 4.01	0.84	0.80	0.064 ± 0.001
16D30684	4.3 %	✓	3.36284	0.300	32.1983	0.322	0.686064	3.472	4.76359	0.473	976.841	0.018	1.56892 ± 1.37669	4.25 ± 3.72	0.76	0.83	0.063 ± 0.001
16D30685	4.6 %	✓	4.17898	0.297	47.4496	0.283	0.874037	2.679	7.01100	0.333	1217.765	0.015	1.95787 ± 1.15127	5.30 ± 3.11	1.12	1.22	0.063 ± 0.001
16D30687	4.9 %	✓	5.74723	0.293	88.7326	0.256	1.214340	1.953	13.20506	0.189	1679.463	0.011	1.92404 ± 0.83262	5.21 ± 2.25	1.51	2.30	0.064 ± 0.000
16D30688	5.2 %	✓	3.95149	0.295	49.0181	0.280	0.849522	2.756	7.22390	0.323	1148.674	0.016	1.45157 ± 1.05086	3.93 ± 2.84	0.91	1.26	0.063 ± 0.001
16D30690	5.5 %	✓	4.25146	0.298	59.9181	0.269	0.939233	2.443	8.77443	0.251	1242.799	0.014	2.14162 ± 0.93810	5.79 ± 2.53	1.51	1.53	0.063 ± 0.000
16D30691	5.8 %	✓	3.81771	0.298	63.9636	0.266	0.808748	2.858	9.42703	0.256	1115.335	0.016	1.80137 ± 0.78499	4.87 ± 2.12	1.52	1.64	0.063 ± 0.000
16D30693	6.1 %	✓	5.19756	0.293	102.4170	0.252	1.163532	2.049	15.11782	0.166	1527.740	0.012	2.22421 ± 0.65763	6.02 ± 1.78	2.19	2.63	0.063 ± 0.000
16D30694	6.5 %	✓	6.04501	0.292	138.2270	0.249	1.367722	1.807	20.33922	0.134	1773.682	0.010	1.83907 ± 0.56669	4.98 ± 1.53	2.10	3.54	0.063 ± 0.000
16D30696	7.0 %	✓	5.99978	0.293	141.7074	0.249	1.367668	1.710	20.87776	0.135	1761.789	0.010	1.86116 ± 0.54942	5.04 ± 1.48	2.20	3.63	0.063 ± 0.000
16D30697	7.6 %	✓	6.50978	0.292	166.0260	0.248	1.511127	1.559	24.45057	0.120	1912.568	0.010	1.80482 ± 0.50636	4.88 ± 1.37	2.30	4.26	0.063 ± 0.000
16D30699	8.4 %	✓	8.05954	0.291	234.2195	0.246	1.928746	1.247	34.98767	0.096	2380.703	0.008	1.99227 ± 0.43687	5.39 ± 1.18	2.91	6.09	0.064 ± 0.000
16D30700	9.4 %	✓	10.31955	0.289	304.4574	0.245	2.511417	0.917	45.82226	0.087	3046.765	0.006	1.92197 ± 0.42486	5.20 ± 1.15	2.88	7.98	0.064 ± 0.000
16D30702	10.5 %	✓	15.76876	0.288	355.0655	0.245	3.588002	0.680	53.74228	0.083	4647.872	0.005	2.20219 ± 0.55307	5.96 ± 1.49	2.53	9.36	0.065 ± 0.000
16D30703	11.7 %		31.60570	0.292	388.5895	0.245	6.597351	0.385	59.49664	0.081	9090.056	0.003	0.24161 ± 1.01265	0.65 ± 2.74	0.16	10.36	0.066 ± 0.000
16D30705	13.1 %		49.94483	0.288	399.6397	0.245	9.941376	0.270	61.64437	0.081	14459.136	0.002	0.90593 ± 1.52555	2.45 ± 4.13	0.38	10.73	0.066 ± 0.000
16D30706	14.7 %		48.27691	0.289	374.8539	0.245	9.700007	0.270	59.29353	0.082	14002.559	0.002	1.34069 ± 1.53851	3.63 ± 4.16	0.57	10.33	0.068 ± 0.000
16D30708	16.5 %		34.15963	0.292	241.5350	0.246	6.819100	0.370	38.06695	0.093	10015.944	0.003	4.28068 ± 1.70872	11.56 ± 4.60	1.62	6.63	0.067 ± 0.000
16D30709	18.5 %		18.45421	0.287	170.6486	0.248	3.801929	0.639	26.66333	0.115	5589.076	0.004	10.12657 ± 1.30238	27.23 ± 3.48	4.81	4.64	0.067 ± 0.000
16D30711	19.6 %		7.33851	0.291	87.8188	0.257	1.563752	1.612	13.44836	0.185	2221.128	0.008	7.99203 ± 1.03664	21.53 ± 2.78	4.82	2.34	0.066 ± 0.000
16D30712	20.8 %		4.16642	0.294	98.1318	0.255	1.002725	2.332	15.34294	0.170	1291.891	0.014	6.23764 ± 0.52112	16.82 ± 1.40	7.38	2.67	0.067 ± 0.000
16D30714	22.0 %		2.82931	0.299	90.9682	0.257	0.695371	3.407	14.08029	0.177	881.028	0.020	5.01500 ± 0.39058	13.54 ± 1.05	7.98	2.45	0.066 ± 0.000
Σ			306.32837	0.085	3772.6686	0.063	64.038479	0.203	574.35395	0.028	89631.016	0.001					

Information on Analysis and Constants Used in Calculations	
Project = MCCLAUGHRY (15-17)	Age Equations = Min et al. (2000)
Sample = 30-DFWJ-1 5	Negative Intensities = Allowed
Material = Plagioclase	Collector Calibrations = 36Ar
Location = Dufur	Decay 40K = 5.530 ± 0.048 E-10 1/a
Region = Central Colombia	Decay 39Ar = 2.940 ± 0.016 E-07 1/h
Analyst = Anthony Koppers	Decay 37Ar = 8.230 ± 0.012 E-04 1/h
Irradiation = 16-OSU-07 (7A37-16)	Decay 36Cl = 2.257 ± 0.015 E-06 1/a
Position = X: 0 Y: 0 Z/H: 47.17 mm	Decay 40K(EC,β ⁺) = 0.580 ± 0.009 E-10 1/a
FCT-NM Age = 28.201 ± 0.023 Ma	Decay 40K(β ⁻) = 4.950 ± 0.043 E-10 1/a
FCT-NM Reference = Kuiper et al (2008)	Atmospheric 40/36(a) = 289.00 ± 0.43
FCT-NM 40Ar/39Ar Ratio = 10.48932 ± 0.00713	Atmospheric 38/36(a) = 0.1869
FCT-NM J-value = 0.00149842 ± 0.00000102	Production 39/37(ca) = 0.0006756 ± 0.0000089
Air Shot 40Ar/36Ar = 303.2980 ± 0.4580	Production 38/37(ca) = 0.0000718 ± 0.0000092
Air Shot MDF = 0.99356402 ± 0.00068536 (LIN)	Production 36/37(ca) = 0.0002663 ± 0.0000004
Experiment Type = Incremental Heating	Production 40/39(k) = 0.003823 ± 0.000102
Extraction Method = Undefined	Production 38/39(k) = 0.012031 ± 0.000019
Heating = 77 sec	Production 36/38(cl) = 262.80 ± 1.71
Isolation = 1.50 min	Scaling Ratio K/Ca = 0.430
Instrument = ARGUS-VI-D	Abundance Ratio 40K/K = 1.1700 ± 0.0100 E-04
Preferred Age = Inverse Isochron	Atomic Weight K = 39.0983 ± 0.0001 g
Age Classification = Undefined	
IGSN = 23	
Rock Class = Undefined	
Lithology = Undefined	
Lat-Lon = Undefined - Undefined	

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (%,n)	K/Ca ± 2σ
Age Plateau		1.94730 ± 0.17024	5.27 ± 0.46	0.27	49.85	0.064 ± 0.000
Overestimated Error		± 8.74%	± 8.73%	100%	21	
			Full External Error ± 0.48	1.63	2σ Confidence Limit	
			Analytical Error ± 0.46	1.0000	Error Magnification	
Total Fusion Age		2.43139 ± 0.29792	6.58 ± 0.80		29	0.065 ± 0.000
		± 12.25%	± 12.23%			
			Full External Error ± 0.82			
			Analytical Error ± 0.80			
Normal Isochron	289.15 ± 0.71 ± 0.25%	1.89564 ± 0.28820	5.13 ± 0.78	0.35	49.85	
		± 15.20%	± 15.18%	100%	21	
			Full External Error ± 0.79	1.65	2σ Confidence Limit	
			Analytical Error ± 0.78	1.0000	Error Magnification	
				3	Number of Iterations	
				0.0000003605	Convergence	
Inverse Isochron	289.15 ± 0.71 ± 0.25%	1.89562 ± 0.28256	5.13 ± 0.76	0.35	49.85	
Clustered Points		± 14.91%	± 14.89%	100%	21	
			Full External Error ± 0.77	1.65	2σ Confidence Limit	
			Analytical Error ± 0.76	1.0000	Error Magnification	
Notes				2	Number of Iterations	
Subatmospheric Initial 40Ar/36Ar = 289.00 ± 0.15 (%SD).				0.0000159991	Convergence	
				3%	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
16D30672	1.8 %	✓	2.92765	7.0518	0.0027239	1.06420	4.9087	12.46 ± 14.40	0.58	0.19	0.065 ± 0.003
16D30673	2.0 %	✓	2.74957	7.8634	0.0000000	1.16928	2.4343	5.63 ± 12.41	0.31	0.20	0.064 ± 0.003
16D30675	2.4 %	✓	3.15200	12.5301	0.0000000	1.89172	2.7306	3.91 ± 8.68	0.30	0.33	0.065 ± 0.002
16D30676	2.8 %	✓	3.66169	15.7997	0.0000000	2.41345	3.9845	4.47 ± 7.94	0.38	0.42	0.066 ± 0.001
16D30678	3.0 %	✓	3.75091	19.1731	0.0000000	2.83945	7.6542	7.29 ± 6.86	0.70	0.50	0.064 ± 0.001
16D30679	3.3 %	✓	2.94062	18.2282	0.0254825	2.71983	6.0206	5.99 ± 5.69	0.70	0.48	0.064 ± 0.001
16D30681	3.6 %	✓	3.60046	25.5173	0.0000000	3.79416	9.1360	6.51 ± 4.95	0.87	0.66	0.064 ± 0.001
16D30682	3.9 %	✓	3.52372	30.9195	0.0000000	4.59027	8.6390	5.09 ± 4.01	0.84	0.80	0.064 ± 0.001
16D30684	4.3 %	✓	3.35427	32.1983	0.0000000	4.74184	7.4396	4.25 ± 3.72	0.76	0.83	0.063 ± 0.001
16D30685	4.6 %	✓	4.16635	47.4496	0.0079761	6.97894	13.6638	5.30 ± 3.11	1.12	1.22	0.063 ± 0.001
16D30687	4.9 %	✓	5.72360	88.7326	0.0000000	13.14511	25.2917	5.21 ± 2.25	1.51	2.30	0.064 ± 0.000
16D30688	5.2 %	✓	3.93844	49.0181	0.0233964	7.19078	10.4379	3.93 ± 2.84	0.91	1.26	0.063 ± 0.001
16D30690	5.5 %	✓	4.23550	59.9181	0.0382370	8.73395	18.7048	5.79 ± 2.53	1.51	1.53	0.063 ± 0.000
16D30691	5.8 %	✓	3.80068	63.9636	0.0000000	9.38382	16.9037	4.87 ± 2.12	1.52	1.64	0.063 ± 0.000
16D30693	6.1 %	✓	5.17028	102.4170	0.0088025	15.04863	33.4713	6.02 ± 1.78	2.19	2.63	0.063 ± 0.000
16D30694	6.5 %	✓	6.00820	138.2270	0.0000000	20.24583	37.2335	4.98 ± 1.53	2.10	3.54	0.063 ± 0.000
16D30696	7.0 %	✓	5.96204	141.7074	0.0000000	20.78202	38.6787	5.04 ± 1.48	2.20	3.63	0.063 ± 0.000
16D30697	7.6 %	✓	6.46557	166.0260	0.0000000	24.33841	43.9266	4.88 ± 1.37	2.30	4.26	0.063 ± 0.000
16D30699	8.4 %	✓	7.99716	234.2195	0.0000000	34.82943	69.3896	5.39 ± 1.18	2.91	6.09	0.064 ± 0.000
16D30700	9.4 %	✓	10.23847	304.4574	0.0271743	45.61656	87.6736	5.20 ± 1.15	2.88	7.98	0.064 ± 0.000
16D30702	10.5 %	✓	15.67420	355.0655	0.0000000	53.50240	117.8225	5.96 ± 1.49	2.53	9.36	0.065 ± 0.000
16D30703	11.7 %		31.50222	388.5895	0.0000000	59.23411	14.3117	0.65 ± 2.74	0.16	10.36	0.066 ± 0.000
16D30705	13.1 %		49.83841	399.6397	0.0000000	61.37438	55.6007	2.45 ± 4.13	0.38	10.73	0.066 ± 0.000
16D30706	14.7 %		48.17709	374.8539	0.0000000	59.04028	79.1549	3.63 ± 4.16	0.57	10.33	0.068 ± 0.000
16D30708	16.5 %		34.09531	241.5350	0.0000000	37.90377	162.2538	11.56 ± 4.60	1.62	6.63	0.067 ± 0.000
16D30709	18.5 %		18.40877	170.6486	0.0296787	26.54804	268.8407	27.23 ± 3.48	4.81	4.64	0.067 ± 0.000
16D30711	19.6 %		7.31513	87.8188	0.0291660	13.38903	107.0056	21.53 ± 2.78	4.82	2.34	0.066 ± 0.000
16D30712	20.8 %		4.14029	98.1318	0.0380666	15.27664	95.2902	16.82 ± 1.40	7.38	2.67	0.067 ± 0.000
16D30714	22.0 %		2.80509	90.9682	0.0000000	14.01883	70.3044	13.54 ± 1.05	7.98	2.45	0.066 ± 0.000
Σ			305.32369	3772.6686	0.2307040	571.80514	1390.2838				

Information on Analysis	Results	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (% ,n)	K/Ca ± 2σ
Project = MCCLAUGHRY (15-17) Sample = 30-DFWJ-1 5 Material = Plagioclase Location = Dufur Region = Central Colombia Analyst = Anthony Koppers Irradiation = 16-OSU-07 (7A37-16) J = 0.00149842 ± 0.00000102 FCT-NM = 28.201 ± 0.023 Ma	Age Plateau	1.94730 ± 0.17024	5.27 ± 0.46	0.27	49.85	0.064 ± 0.000
	Overestimated Error	± 8.74%	± 8.73%	100%	21	
			Full External Error ± 0.48	1.63	2σ Confidence Limit	
			Analytical Error ± 0.46	1.0000	Error Magnification	
	Total Fusion Age	2.43139 ± 0.29792	6.58 ± 0.80		29	
		± 12.25%	± 12.23%			
		Full External Error ± 0.82				
		Analytical Error ± 0.80				

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
16D30672	1.8 %	✓	0.36 ± 0.02	290.68 ± 1.75	0.1402
16D30673	2.0 %	✓	0.43 ± 0.02	289.89 ± 1.76	0.1561
16D30675	2.4 %	✓	0.60 ± 0.02	289.87 ± 1.72	0.2365
16D30676	2.8 %	✓	0.66 ± 0.01	290.09 ± 1.74	0.3065
16D30678	3.0 %	✓	0.76 ± 0.01	291.04 ± 1.73	0.3562
16D30679	3.3 %	✓	0.92 ± 0.02	291.05 ± 1.76	0.3546
16D30681	3.6 %	✓	1.05 ± 0.01	291.54 ± 1.74	0.4479
16D30682	3.9 %	✓	1.30 ± 0.02	291.45 ± 1.74	0.5072
16D30684	4.3 %	✓	1.41 ± 0.02	291.22 ± 1.76	0.5338
16D30685	4.6 %	✓	1.68 ± 0.02	292.28 ± 1.74	0.6638
16D30687	4.9 %	✓	2.30 ± 0.02	293.42 ± 1.73	0.8398
16D30688	5.2 %	✓	1.83 ± 0.02	291.65 ± 1.73	0.6726
16D30690	5.5 %	✓	2.06 ± 0.02	293.42 ± 1.76	0.7627
16D30691	5.8 %	✓	2.47 ± 0.02	293.45 ± 1.76	0.7568
16D30693	6.1 %	✓	2.91 ± 0.02	295.47 ± 1.74	0.8694
16D30694	6.5 %	✓	3.37 ± 0.02	295.20 ± 1.74	0.9083
16D30696	7.0 %	✓	3.49 ± 0.02	295.49 ± 1.75	0.9081
16D30697	7.6 %	✓	3.76 ± 0.02	295.79 ± 1.74	0.9245
16D30699	8.4 %	✓	4.36 ± 0.03	297.68 ± 1.74	0.9492
16D30700	9.4 %	✓	4.46 ± 0.03	297.56 ± 1.73	0.9576
16D30702	10.5 %	✓	3.41 ± 0.02	296.52 ± 1.72	0.9606
16D30703	11.7 %		1.88 ± 0.01	288.55 ± 1.69	0.9630
16D30705	13.1 %		1.23 ± 0.01	290.12 ± 1.67	0.9625
16D30706	14.7 %		1.23 ± 0.01	290.64 ± 1.68	0.9616
16D30708	16.5 %		1.11 ± 0.01	293.76 ± 1.72	0.9525
16D30709	18.5 %		1.44 ± 0.01	303.60 ± 1.75	0.9282
16D30711	19.6 %		1.83 ± 0.01	303.63 ± 1.77	0.8425
16D30712	20.8 %		3.69 ± 0.03	312.02 ± 1.85	0.8652
16D30714	22.0 %		5.00 ± 0.03	314.06 ± 1.90	0.8591

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	289.15 ± 0.71 ± 0.25%	1.89564 ± 0.28820 ± 15.20%	5.13 ± 0.78 ± 15.18% Full External Error ± 0.79 Analytical Error ± 0.78	0.35 100%
Statistics	2σ Confidence Limit Error Magnification Number of Data Points	1.65 1.0000 21	Convergence Number of Iterations Calculated Line	0.000000360473 3 Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
16D30672	1.8 %	✓	0.0012505 ± 0.0000529	0.00344025 ± 0.00002071	0.0007
16D30673	2.0 %	✓	0.0014670 ± 0.0000559	0.00344964 ± 0.00002089	0.0009
16D30675	2.4 %	✓	0.0020705 ± 0.0000504	0.00344987 ± 0.00002053	0.0011
16D30676	2.8 %	✓	0.0022721 ± 0.0000421	0.00344723 ± 0.00002064	0.0010
16D30678	3.0 %	✓	0.0026010 ± 0.0000405	0.00343595 ± 0.00002044	0.0012
16D30679	3.3 %	✓	0.0031779 ± 0.0000504	0.00343587 ± 0.00002076	0.0018
16D30681	3.6 %	✓	0.0036146 ± 0.0000429	0.00343009 ± 0.00002048	0.0016
16D30682	3.9 %	✓	0.0044696 ± 0.0000452	0.00343110 ± 0.00002048	0.0020
16D30684	4.3 %	✓	0.0048544 ± 0.0000462	0.00343385 ± 0.00002070	0.0023
16D30685	4.6 %	✓	0.0057311 ± 0.0000384	0.00342138 ± 0.00002039	0.0022
16D30687	4.9 %	✓	0.0078272 ± 0.0000298	0.00340810 ± 0.00002010	0.0022
16D30688	5.2 %	✓	0.0062602 ± 0.0000407	0.00342876 ± 0.00002031	0.0025
16D30690	5.5 %	✓	0.0070278 ± 0.0000356	0.00340813 ± 0.00002039	0.0028
16D30691	5.8 %	✓	0.0084137 ± 0.0000435	0.00340776 ± 0.00002044	0.0033
16D30693	6.1 %	✓	0.0098506 ± 0.0000330	0.00338439 ± 0.00001998	0.0029
16D30694	6.5 %	✓	0.0114151 ± 0.0000309	0.00338757 ± 0.00001994	0.0026
16D30696	7.0 %	✓	0.0117965 ± 0.0000321	0.00338424 ± 0.00002000	0.0027
16D30697	7.6 %	✓	0.0127261 ± 0.0000308	0.00338073 ± 0.00001986	0.0026
16D30699	8.4 %	✓	0.0146307 ± 0.0000284	0.00335935 ± 0.00001969	0.0021
16D30700	9.4 %	✓	0.0149730 ± 0.0000262	0.00336063 ± 0.00001957	0.0016
16D30702	10.5 %	✓	0.0115117 ± 0.0000193	0.00337249 ± 0.00001957	0.0009
16D30703	11.7 %		0.0065165 ± 0.0000107	0.00346566 ± 0.00002033	0.0003
16D30705	13.1 %		0.0042447 ± 0.0000069	0.00344690 ± 0.00001988	0.0002
16D30706	14.7 %		0.0042165 ± 0.0000070	0.00344065 ± 0.00001993	0.0002
16D30708	16.5 %		0.0037844 ± 0.0000071	0.00340415 ± 0.00001991	0.0002
16D30709	18.5 %		0.0047501 ± 0.0000110	0.00329376 ± 0.00001899	0.0004
16D30711	19.6 %		0.0060282 ± 0.0000225	0.00329350 ± 0.00001922	0.0013
16D30712	20.8 %		0.0118256 ± 0.0000406	0.00320497 ± 0.00001901	0.0039
16D30714	22.0 %		0.0159129 ± 0.0000570	0.00318407 ± 0.00001924	0.0074

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	289.15 ± 0.71	1.89562 ± 0.28256	5.13 ± 0.76	0.35
Clustered Points	± 0.25%	± 14.91%	± 14.89%	100%
		Full External Error ± 0.77		
		Analytical Error ± 0.76		
Statistics	2σ Confidence Limit	1.65	Convergence	0.0000159991
	Error Magnification	1.0000	Number of Iterations	2
	Number of Data Points	21	Calculated Line	Weighted York-2
	Spreading Factor	2.6%		

Degassing Patterns			36Ar(a)		36Ar(c)		36Ar(ca)		36Ar(cl)		37Ar(ca)		38Ar(a)		38Ar(c)		38Ar(k)		38Ar(ca)		38Ar(cl)		39Ar(k)		39Ar(ca)		40Ar(r)		40Ar(a)		40Ar(c)		40Ar(k)	
			[fA]	%1σ	[fA]	%1σ	[fA]	%1σ	[fA]	%1σ	[fA]	%1σ	[fA]	%1σ	[fA]	%1σ	[fA]	%1σ	[fA]	%1σ	[fA]	%1σ	[fA]	%1σ	[fA]	%1σ	[fA]	%1σ	[fA]	%1σ	[fA]	%1σ	[fA]	%1σ
16D30672	1.8 %	✓	2.92765	0.30	0.0000000	0.00	0.0018779	0.93	0.00000002	882.04	7.0518	0.92	0.547178	0.30	0.00000000	0.00	0.0128034	2.12	0.0005063	12.85	0.0027239	882.04	1.06420	2.12	0.0047642	1.61	4.9087	57.98	846.091	0.34	0.00000000	0.00	0.0040684	3.40
16D30673	2.0 %	✓	2.74957	0.30	0.0000000	0.00	0.0020940	0.90	0.00000000	0.00	7.8634	0.89	0.513895	0.30	0.00000000	0.00	0.0140676	1.91	0.0005646	12.85	0.00000000	0.00	1.16928	1.90	0.0053125	1.59	2.4343	110.31	794.626	0.34	0.00000000	0.00	0.0044701	3.27
16D30675	2.4 %	✓	3.15200	0.30	0.0000000	0.00	0.0033368	0.59	0.00000000	0.00	12.5301	0.57	0.589109	0.30	0.00000000	0.00	0.0227592	1.23	0.0008997	12.83	0.00000000	0.00	1.89172	1.22	0.0084653	1.44	2.7306	111.15	910.929	0.33	0.00000000	0.00	0.0072320	2.93
16D30676	2.8 %	✓	3.66169	0.30	0.0000000	0.00	0.0042075	0.50	0.00000000	0.00	15.7997	0.47	0.684371	0.30	0.00000000	0.00	0.0290362	0.94	0.0011344	12.83	0.00000000	0.00	2.41345	0.93	0.0106743	1.40	3.9845	88.92	1058.230	0.33	0.00000000	0.00	0.0092266	2.82
16D30678	3.0 %	✓	3.75091	0.30	0.0000000	0.00	0.0051058	0.44	0.00000000	0.00	19.1731	0.42	0.701045	0.30	0.00000000	0.00	0.0341614	0.79	0.0013766	12.83	0.00000000	0.00	2.83945	0.78	0.0129533	1.38	7.6542	47.17	1084.013	0.33	0.00000000	0.00	0.0108552	2.77
16D30679	3.3 %	✓	2.94062	0.30	0.0000000	0.00	0.0048542	0.47	0.00000018	96.88	18.2282	0.45	0.549602	0.30	0.00000000	0.00	0.0327222	0.81	0.0013088	12.83	0.0254825	96.89	2.71983	0.79	0.0123150	1.39	6.0206	47.62	849.839	0.34	0.00000000	0.00	0.0103979	2.78
16D30681	3.6 %	✓	3.60046	0.30	0.0000000	0.00	0.0067953	0.39	0.00000000	0.00	25.5173	0.36	0.672927	0.30	0.00000000	0.00	0.0456476	0.61	0.0018321	12.83	0.00000000	0.00	3.79416	0.59	0.0172395	1.37	9.1360	38.05	1040.534	0.33	0.00000000	0.00	0.0145051	2.73
16D30682	3.9 %	✓	3.52372	0.30	0.0000000	0.00	0.0082339	0.35	0.00000000	0.00	30.9195	0.32	0.658584	0.30	0.00000000	0.00	0.0552256	0.53	0.0022200	12.82	0.00000000	0.00	4.59027	0.51	0.0208892	1.36	8.6390	39.38	1018.356	0.33	0.00000000	0.00	0.0175486	2.71
16D30684	4.3 %	✓	3.35427	0.30	0.0000000	0.00	0.0085744	0.36	0.00000000	0.00	32.1983	0.32	0.626912	0.30	0.00000000	0.00	0.0570491	0.50	0.0023118	12.82	0.00000000	0.00	4.74184	0.48	0.0217532	1.36	7.4396	43.87	969.383	0.34	0.00000000	0.00	0.0181281	2.70
16D30685	4.6 %	✓	4.16635	0.30	0.0000000	0.00	0.0126358	0.32	0.00000006	295.07	47.4496	0.28	0.778690	0.30	0.00000000	0.00	0.0839636	0.37	0.0034069	12.82	0.0079761	295.07	6.97894	0.33	0.0320570	1.35	13.6638	29.40	1204.074	0.33	0.00000000	0.00	0.0266805	2.68
16D30687	4.9 %	✓	5.72360	0.29	0.0000000	0.00	0.0236295	0.30	0.00000000	0.00	88.7326	0.26	1.069741	0.29	0.00000000	0.00	0.1581488	0.25	0.0063710	12.82	0.00000000	0.00	13.14511	0.19	0.0599478	1.34	25.2917	21.64	1654.121	0.33	0.00000000	0.00	0.0502538	2.67
16D30688	5.2 %	✓	3.93844	0.30	0.0000000	0.00	0.0130535	0.32	0.00000017	100.55	49.0181	0.28	0.736094	0.30	0.00000000	0.00	0.0865123	0.36	0.0035195	12.82	0.0233964	100.55	7.19078	0.32	0.0331166	1.35	10.4379	36.20	1138.209	0.33	0.00000000	0.00	0.0274904	2.68
16D30690	5.5 %	✓	4.23550	0.30	0.0000000	0.00	0.0159562	0.31	0.00000028	60.36	59.9181	0.27	0.791616	0.30	0.00000000	0.00	0.1050782	0.30	0.0343021	12.82	0.0382370	60.36	8.73395	0.25	0.0404807	1.35	18.7048	21.90	1224.060	0.33	0.00000000	0.00	0.0338999	2.67
16D30691	5.8 %	✓	3.80068	0.30	0.0000000	0.00	0.0170335	0.31	0.00000000	0.00	63.9636	0.27	0.710346	0.30	0.00000000	0.00	0.1128967	0.30	0.0045926	12.82	0.00000000	0.00	9.38382	0.26	0.0432138	1.35	16.9037	21.79	1098.395	0.33	0.00000000	0.00	0.0358743	2.67
16D30693	6.1 %	✓	5.17028	0.29	0.0000000	0.00	0.0272736	0.29	0.00000006	272.97	102.4170	0.25	0.966326	0.29	0.00000000	0.00	0.1810501	0.23	0.0073535	12.82	0.0088025	272.97	15.04863	0.17	0.0691929	1.34	33.4713	14.78	1494.211	0.33	0.00000000	0.00	0.0575309	2.67
16D30694	6.5 %	✓	6.00820	0.29	0.0000000	0.00	0.0368098	0.29	0.00000000	0.00	138.2270	0.25	1.122933	0.29	0.00000000	0.00	0.2435776	0.21	0.0099247	12.82	0.00000000	0.00	20.24583	0.14	0.0933861	1.34	37.2335	15.41	1736.371	0.33	0.00000000	0.00	0.0773998	2.66
16D30696	7.0 %	✓	5.96204	0.30	0.0000000	0.00	0.0377367	0.29	0.00000000	0.00	141.7074	0.25	1.114306	0.30	0.00000000	0.00	0.2500285	0.21	0.0101746	12.82	0.00000000	0.00	20.78202	0.14	0.0957375	1.34	38.6787	14.76	1723.030	0.33	0.00000000	0.00	0.0794497	2.66
16D30697	7.6 %	✓	6.46557	0.29	0.0000000	0.00	0.0442127	0.29	0.00000000	0.00	166.0260	0.25	1.208414	0.29	0.00000000	0.00	0.2928154	0.20	0.0119207	12.82	0.00000000	0.00	24.33841	0.12	0.1121671	1.34	43.9266	14.03	1868.548	0.33	0.00000000	0.00	0.0930457	2.66
16D30699	8.4 %	✓	7.99716	0.29	0.0000000	0.00	0.0623727	0.29	0.00000000	0.00	234.2195	0.25	1.494670	0.29	0.00000000	0.00	0.4190329	0.19	0.0168170	12.82	0.00000000	0.00	34.82943	0.10	0.1582387	1.34	69.3896	10.96	2311.180	0.33	0.00000000	0.00	0.1331529	2.66
16D30700	9.4 %	✓	10.23847	0.29	0.0000000	0.00	0.0810770	0.29	0.00000020	87.89	304.4574	0.25	1.913570	0.29	0.00000000	0.00	0.5488129	0.18	0.0218600	12.82	0.0271743	87.89	45.61656	0.09	0.2056914	1.34	87.6736	11.05	2958.917	0.33	0.00000000	0.00	0.1743921	2.66
16D30702	10.5 %	✓	15.67420	0.29	0.0000000	0.00	0.0945540	0.29	0.00000000	0.00	355.0655	0.24	2.929508	0.29	0.00000000	0.00	0.6436873	0.18	0.0254937	12.82	0.00000000	0.00	53.50240	0.08	0.2398823	1.34	117.8225	12.56	4529.845	0.33	0.00000000	0.00	0.2045397	2.66
16D30703	11.7 %		31.50222	0.29	0.0000000	0.00	0.1034814	0.29	0.00000000	0.00	388.5895	0.24	5.887765	0.29	0.00000000	0.00	0.7126456	0.18	0.0279007	12.82	0.00000000	0.00	59.23411	0.08	0.2625311	1.34	14.3117	209.56	9104.141	0.33	0.00000000	0.00	0.2264520	2.66
16D30705	13.1 %		49.83841	0.29	0.0000000	0.00	0.1064240	0.29	0.00000000	0.00	399.6397	0.24	9.314799	0.29	0.00000000	0.00	0.7383951	0.18	0.0286941	12.82	0.00000000	0.00	61.37438	0.08	0.2699966	1.34	55.6007	84.20	14403.300	0.33	0.00000000	0.00	0.2346342	2.66
16D30706	14.7 %		48.17709	0.29	0.0000000	0.00	0.0998236	0.29	0.00000000	0.00	374.8539	0.24	9.004298	0.29	0.00000000	0.00	0.7103136	0.18	0.0269145	12.82	0.00000000	0.00	59.04028	0.08	0.2532513	1.34	79.1549	57.38	13923.178	0.33	0.00000000	0.00	0.2257110	2.66
16D30708	16.5 %		34.09531	0.29	0.0000000	0.00	0.0643208	0.29	0.00000000	0.00	241.5350	0.25	6.372414	0.29	0.00000000	0.00	0.4560202	0.19	0.0173422	12.82	0.00000000	0.00	7.390377	0.09	0.1631810	1.34	162.2538	19.96	9853.545	0.33	0.00000000	0.00	0.1449061	2.66
16D30709	18.5 %		18.40877	0.29	0.0000000	0.00	0.0454437	0.29	0.00000022	88.56	170.6486	0.25	3.440599	0.29	0.00000000	0.00	0.3193995	0.20	0.0122526	12.82	0.0296787	88.56	26.54804	0.12	0.1152902	1.34	268.8407	6.43	5320.134	0.32	0.00000000	0.00	0.1014932	2.66
16D30711	19.6 %		7.31513	0.29	0.0000000	0.00	0.0233862	0.30	0.00000021	87.58	87.8188	0.26	1.367197	0.29	0.00000000	0.00	0.1610834	0.25	0.0063054	12.82	0.0291660	87.59	13.38903	0.19	0.0593304	1.34	107.0056	6.48	2114.071	0.33	0.00000000	0.00	0.0511863	2.67
16D30712	20.8 %		4.14029	0.30	0.0000000	0.00	0.0261325	0.30	0.00000028	61.79	98.1318	0.25	0.773820	0.30	0.00000000	0.00	0.1837932	0.23	0.0070459	12.82	0.0380666	61.79	15.27664	0.17	0.0662978	1.34	95.2902	4.17	1196.543	0.33	0.00000000	0.00	0.0584026	2.67
16D30714	22.0 %		2.80509	0.30	0.0000000	0.00	0.0242248	0.30	0.00000000	0.00	90.9682	0.26	0.524271	0.30	0.00000000	0.00	0.1686605	0.24	0.0065315	12.82	0.00000000	0.00	14.01883	0.18	0.0614581	1.34	70.3044	3.89	810.670	0.34	0.00000000	0.00	0.0535940	2.67
Σ			305.32369	0.09	0.0000000	0.00	1.0046617	0.07	0.0000167	33.19	3772.6686	0.06	57.064998	0.09	0.00000000	0.00	6.8793876	0.05	0.2708776	3.29	0.2307040	33.21	571.80514	0.03	2.5488149	0.34	1390.2838	6.13	88238.546	0.10	0.00000000	0.00	2.1860110	0.69
Σ																																		

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
16D30672	1.8 %	✓	796.101320	16.770603	6.596856	0.151660	2.740530	0.058312	44.458	2.434903	1.00031796	4.085E-11
16D30673	2.0 %	✓	678.589797	12.868504	6.694623	0.140293	2.342660	0.044981	44.464	2.435170	1.00031800	3.826E-11
16D30675	2.4 %	✓	480.830981	5.825869	6.594136	0.088255	1.660546	0.020711	44.476	2.435738	1.00031809	4.386E-11
16D30676	2.8 %	✓	438.189220	4.041939	6.517703	0.067543	1.512261	0.014659	44.482	2.436039	1.00031813	5.099E-11
16D30678	3.0 %	✓	382.722615	2.963062	6.721745	0.059155	1.316791	0.010915	44.494	2.436607	1.00031821	5.240E-11
16D30679	3.3 %	✓	313.259506	2.472334	6.671768	0.060480	1.078082	0.009103	44.500	2.436908	1.00031826	4.108E-11
16D30681	3.6 %	✓	275.406435	1.627783	6.694983	0.046491	0.946439	0.006260	44.512	2.437476	1.00031834	5.038E-11
16D30682	3.9 %	✓	222.723176	1.120635	6.705356	0.040020	0.765958	0.004475	44.517	2.437743	1.00031838	4.930E-11
16D30684	4.3 %	✓	205.063813	0.970899	6.759239	0.038689	0.705946	0.003955	44.529	2.438312	1.00031846	4.689E-11
16D30685	4.6 %	✓	173.693535	0.578983	6.767887	0.029584	0.596061	0.002659	44.535	2.438613	1.00031851	5.845E-11
16D30687	4.9 %	✓	127.183317	0.240883	6.719595	0.021384	0.435230	0.001519	44.548	2.439215	1.00031859	8.061E-11
16D30688	5.2 %	✓	159.010218	0.514172	6.785539	0.029004	0.547003	0.002392	44.554	2.439516	1.00031864	5.514E-11
16D30690	5.5 %	✓	141.638623	0.356754	6.828715	0.025161	0.484528	0.001888	44.566	2.440085	1.00031872	5.965E-11
16D30691	5.8 %	✓	118.312459	0.304038	6.785131	0.025089	0.404975	0.001592	44.572	2.440353	1.00031876	5.354E-11
16D30693	6.1 %	✓	101.055570	0.168400	6.774585	0.020476	0.343803	0.001159	44.583	2.440922	1.00031884	7.333E-11
16D30694	6.5 %	✓	87.205031	0.117415	6.796081	0.019228	0.297210	0.000956	44.590	2.441223	1.00031889	8.514E-11
16D30696	7.0 %	✓	84.385918	0.114144	6.787481	0.019230	0.287377	0.000928	44.601	2.441793	1.00031897	8.457E-11
16D30697	7.6 %	✓	78.221806	0.094038	6.790268	0.018703	0.266242	0.000839	44.608	2.442094	1.00031902	9.180E-11
16D30699	8.4 %	✓	68.044055	0.065627	6.694344	0.017688	0.230354	0.000705	44.619	2.442664	1.00031910	1.143E-10
16D30700	9.4 %	✓	66.490943	0.057838	6.644313	0.017285	0.225208	0.000679	44.625	2.442932	1.00031914	1.462E-10
16D30702	10.5 %	✓	86.484451	0.072071	6.606819	0.017087	0.293414	0.000881	44.637	2.443501	1.00031922	2.231E-10
16D30703	11.7 %		152.782680	0.124513	6.531285	0.016854	0.531218	0.001612	44.643	2.443803	1.00031927	4.363E-10
16D30705	13.1 %		234.557272	0.189379	6.482987	0.016708	0.810209	0.002421	44.655	2.444373	1.00031935	6.940E-10
16D30706	14.7 %		236.156617	0.193954	6.322004	0.016322	0.814202	0.002447	44.660	2.444641	1.00031939	6.721E-10
16D30708	16.5 %		263.113903	0.244555	6.345004	0.016685	0.897357	0.002748	44.673	2.445245	1.00031948	4.808E-10
16D30709	18.5 %		209.616570	0.240809	6.400122	0.017473	0.692120	0.002142	44.678	2.445513	1.00031952	2.683E-10
16D30711	19.6 %		165.159752	0.306406	6.530077	0.020704	0.545681	0.001882	44.690	2.446084	1.00031960	1.066E-10
16D30712	20.8 %		84.201064	0.143705	6.395894	0.019581	0.271553	0.000923	44.697	2.446386	1.00031964	6.201E-11
16D30714	22.0 %		62.571775	0.111585	6.460680	0.020172	0.200941	0.000698	44.708	2.446956	1.00031973	4.229E-11

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
16D30672	1.8 %	0.0024164 ± 0.0005974	0.0346153 ± 0.0189741	0.0221686 ± 0.0164546	0.0250796 ± 0.0156203	0.7673802 ± 0.1710101
16D30673	2.0 %	0.0024276 ± 0.0005974	0.0394186 ± 0.0189741	0.0227094 ± 0.0164546	0.0234868 ± 0.0156203	0.8008651 ± 0.1710101
16D30675	2.4 %	0.0024803 ± 0.0005974	0.0465452 ± 0.0189741	0.0238572 ± 0.0164546	0.0196716 ± 0.0156203	0.8476326 ± 0.1710101
16D30676	2.8 %	0.0025204 ± 0.0005974	0.0488998 ± 0.0189741	0.0244815 ± 0.0164546	0.0175220 ± 0.0156203	0.8614070 ± 0.1710101
16D30678	3.0 %	0.0026109 ± 0.0005974	0.0512791 ± 0.0189741	0.0257259 ± 0.0164546	0.0134423 ± 0.0156203	0.8720293 ± 0.1710101
16D30679	3.3 %	0.0026634 ± 0.0005974	0.0516835 ± 0.0189741	0.0264301 ± 0.0164546	0.0113561 ± 0.0156203	0.8715968 ± 0.1710101
16D30681	3.6 %	0.0027650 ± 0.0005974	0.0513343 ± 0.0189741	0.0278632 ± 0.0164546	0.0077185 ± 0.0156203	0.8637099 ± 0.1710101
16D30682	3.9 %	0.0028119 ± 0.0005974	0.0508270 ± 0.0189741	0.0285875 ± 0.0164546	0.0061914 ± 0.0156203	0.8581900 ± 0.1710101
16D30684	4.3 %	0.0029046 ± 0.0005974	0.0493919 ± 0.0189741	0.0302338 ± 0.0164546	0.0034359 ± 0.0156203	0.8458146 ± 0.1710101
16D30685	4.6 %	0.0029484 ± 0.0005974	0.0485791 ± 0.0189741	0.0311616 ± 0.0164546	0.0022769 ± 0.0156203	0.8401306 ± 0.1710101
16D30687	4.9 %	0.0030211 ± 0.0005974	0.0471681 ± 0.0189741	0.0331172 ± 0.0164546	0.0006284 ± 0.0156203	0.8332990 ± 0.1710101
16D30688	5.2 %	0.0030489 ± 0.0005974	0.0466773 ± 0.0189741	0.0341343 ± 0.0164546	0.0001434 ± 0.0156203	0.8330391 ± 0.1710101
16D30690	5.5 %	0.0030845 ± 0.0005974	0.0463232 ± 0.0189741	0.0360949 ± 0.0164546	0.0001775 ± 0.0156203	0.8397489 ± 0.1710101
16D30691	5.8 %	0.0030933 ± 0.0005974	0.0464602 ± 0.0189741	0.0370212 ± 0.0164546	0.0000781 ± 0.0156203	0.8464994 ± 0.1710101
16D30693	6.1 %	0.0030953 ± 0.0005974	0.0474630 ± 0.0189741	0.0389524 ± 0.0164546	0.0005874 ± 0.0156203	0.8689046 ± 0.1710101
16D30694	6.5 %	0.0030875 ± 0.0005974	0.0483932 ± 0.0189741	0.0399312 ± 0.0164546	0.0011423 ± 0.0156203	0.8851919 ± 0.1710101
16D30696	7.0 %	0.0030580 ± 0.0005974	0.0508690 ± 0.0189741	0.0416339 ± 0.0164546	0.0024292 ± 0.0156203	0.9238042 ± 0.1710101
16D30697	7.6 %	0.0030356 ± 0.0005974	0.0525216 ± 0.0189741	0.0424271 ± 0.0164546	0.0031616 ± 0.0156203	0.9479681 ± 0.1710101
16D30699	8.4 %	0.0029840 ± 0.0005974	0.0561453 ± 0.0189741	0.0436410 ± 0.0164546	0.0044357 ± 0.0156203	0.9991456 ± 0.1710101
16D30700	9.4 %	0.0029571 ± 0.0005974	0.0580073 ± 0.0189741	0.0440521 ± 0.0164546	0.0049012 ± 0.0156203	1.0250258 ± 0.1710101
16D30702	10.5 %	0.0028989 ± 0.0005974	0.0620622 ± 0.0189741	0.0444955 ± 0.0164546	0.0053554 ± 0.0156203	1.0815280 ± 0.1710101
16D30703	11.7 %	0.0028700 ± 0.0005974	0.0641361 ± 0.0189741	0.0444498 ± 0.0164546	0.0051768 ± 0.0156203	1.1110386 ± 0.1710101
16D30705	13.1 %	0.0028260 ± 0.0005974	0.0675594 ± 0.0189741	0.0437221 ± 0.0164546	0.0037206 ± 0.0156203	1.1625952 ± 0.1710101
16D30706	14.7 %	0.0028127 ± 0.0005974	0.0688003 ± 0.0189741	0.0430465 ± 0.0164546	0.0024010 ± 0.0156203	1.1835650 ± 0.1710101
16D30708	16.5 %	0.0028090 ± 0.0005974	0.0702357 ± 0.0189741	0.0406113 ± 0.0164546	0.0024642 ± 0.0156203	1.2183846 ± 0.1710101
16D30709	18.5 %	0.0028224 ± 0.0005974	0.0700783 ± 0.0189741	0.0390717 ± 0.0164546	0.0056252 ± 0.0156203	1.2265490 ± 0.1710101
16D30711	19.6 %	0.0028914 ± 0.0005974	0.0675706 ± 0.0189741	0.0347274 ± 0.0164546	0.0148154 ± 0.0156203	1.2238011 ± 0.1710101
16D30712	20.8 %	0.0029548 ± 0.0005974	0.0647853 ± 0.0189741	0.0317730 ± 0.0164546	0.0212436 ± 0.0156203	1.2088296 ± 0.1710101
16D30714	22.0 %	0.0031368 ± 0.0005974	0.0560934 ± 0.0189741	0.0247966 ± 0.0164546	0.0368487 ± 0.0156203	1.1486790 ± 0.1710101

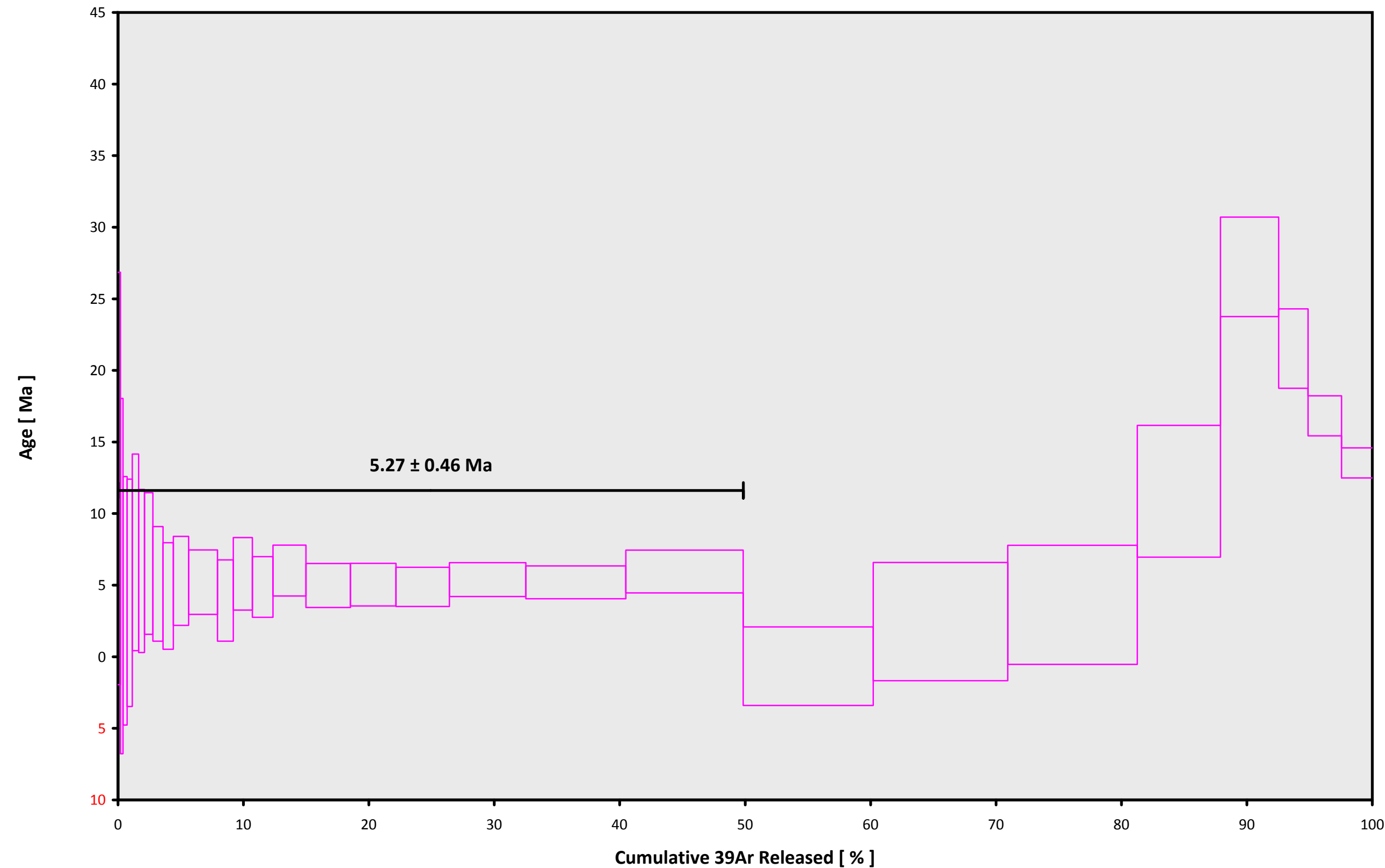
Intercept Values		36Ar ± 1σ (SE) [fA]		r2	Regression (type,n)	37Ar ± 1σ (SE) [fA]		r2	Regression (type,n)	38Ar ± 1σ (SE) [fA]		r2	Regression (type,n)	39Ar ± 1σ (SE) [fA]		r2	Regression (type,n)	40Ar ± 1σ (SE) [fA]		r2	Regression (type,n)
16D30672	1.8 %	2.8068844 ± 0.0025664	0.9850	EXP	150 of 150	2.874912 ± 0.016618	0.4434	EXP	150 of 150	0.5337944 ± 0.0169823	0.0231	EXP	150 of 150	1.036680 ± 0.015991	0.2894	EXP	150 of 150	851.77107 ± 0.04748	0.9998	EXP	150 of 150
16D30673	2.0 %	2.6366258 ± 0.0025369	0.9839	EXP	150 of 150	3.206276 ± 0.019457	0.4544	EXP	150 of 150	0.4912387 ± 0.0167614	0.0357	EXP	150 of 150	1.143188 ± 0.015645	0.2763	EXP	150 of 150	797.86590 ± 0.04923	0.9997	EXP	150 of 150
16D30675	2.4 %	3.0231191 ± 0.0023950	0.9895	EXP	150 of 150	5.091622 ± 0.017677	0.6729	EXP	150 of 150	0.5563025 ± 0.0172309	0.0340	EXP	150 of 150	1.867704 ± 0.016647	0.1057	EXP	150 of 150	914.51406 ± 0.05101	0.9998	EXP	150 of 150
16D30676	2.8 %	3.5119258 ± 0.0030518	0.9871	EXP	150 of 150	6.409670 ± 0.017413	0.8049	EXP	150 of 150	0.6472357 ± 0.0156918	0.0031	EXP	150 of 150	2.390260 ± 0.015696	0.0061	EXP	150 of 150	1063.08463 ± 0.05066	0.9998	EXP	150 of 150
16D30678	3.0 %	3.5982824 ± 0.0028763	0.9889	EXP	150 of 150	7.768342 ± 0.018180	0.8554	EXP	150 of 150	0.6838706 ± 0.0154751	0.0422	EXP	149 of 150	2.819733 ± 0.015268	0.0001	EXP	149 of 150	1092.54966 ± 0.04992	0.9999	EXP	150 of 150
16D30679	3.3 %	2.8223964 ± 0.0026517	0.9848	EXP	150 of 150	7.387532 ± 0.019819	0.8177	EXP	150 of 150	0.5748458 ± 0.0178782	0.0715	EXP	150 of 150	2.702373 ± 0.014523	0.0100	EXP	150 of 150	856.74118 ± 0.04958	0.9997	EXP	150 of 150
16D30681	3.6 %	3.4560327 ± 0.0028680	0.9878	EXP	150 of 150	10.318231 ± 0.020425	0.8947	EXP	150 of 150	0.6756762 ± 0.0164826	0.0578	EXP	150 of 150	3.777997 ± 0.015794	0.2074	EXP	148 of 150	1050.54860 ± 0.05201	0.9998	EXP	150 of 150
16D30682	3.9 %	3.3839912 ± 0.0027931	0.9881	EXP	150 of 150	12.489939 ± 0.017877	0.9417	EXP	150 of 150	0.6762010 ± 0.0174608	0.0624	EXP	150 of 150	4.573892 ± 0.016628	0.4228	EXP	150 of 150	1027.87074 ± 0.04980	0.9998	EXP	150 of 150
16D30684	4.3 %	3.2221875 ± 0.0029601	0.9855	EXP	149 of 150	12.999951 ± 0.019594	0.9361	EXP	150 of 150	0.6470007 ± 0.0167705	0.0749	EXP	150 of 150	4.728052 ± 0.015700	0.4536	EXP	150 of 150	977.68661 ± 0.05360	0.9998	EXP	150 of 150
16D30685	4.6 %	4.0035329 ± 0.0032404	0.9885	EXP	150 of 150	19.131076 ± 0.019883	0.9697	EXP	150 of 150	0.8316267 ± 0.0161864	0.1002	EXP	150 of 150	6.961467 ± 0.016455	0.7227	EXP	150 of 150	1218.60501 ± 0.06042	0.9998	EXP	150 of 150
16D30687	4.9 %	5.5049055 ± 0.0037848	0.9929	EXP	150 of 150	35.723359 ± 0.020315	0.9919	EXP	150 of 150	1.1655948 ± 0.0165682	0.0763	EXP	150 of 150	13.115427 ± 0.017014	0.9459	EXP	150 of 150	1680.29626 ± 0.06935	0.9999	EXP	150 of 150
16D30688	5.2 %	3.7858545 ± 0.0027656	0.9908	EXP	150 of 150	19.752637 ± 0.019365	0.9733	EXP	150 of 150	0.8044549 ± 0.0161914	0.1076	EXP	150 of 150	7.175068 ± 0.016391	0.7574	EXP	150 of 150	1149.50705 ± 0.05562	0.9998	EXP	150 of 150
16D30690	5.5 %	4.0730532 ± 0.0034380	0.9873	EXP	150 of 150	24.128637 ± 0.019940	0.9807	EXP	150 of 150	0.8910502 ± 0.0155113	0.1462	EXP	150 of 150	8.715469 ± 0.014153	0.8995	EXP	150 of 150	1243.63831 ± 0.05520	0.9999	EXP	150 of 150
16D30691	5.8 %	3.6578264 ± 0.0031286	0.9868	EXP	150 of 150	25.751936 ± 0.019951	0.9831	EXP	150 of 150	0.7613180 ± 0.0157660	0.0470	EXP	150 of 150	9.363568 ± 0.017064	0.8786	EXP	150 of 150	1116.18152 ± 0.05481	0.9998	EXP	150 of 150
16D30693	6.1 %	4.9787692 ± 0.0034076	0.9918	EXP	150 of 150	41.196838 ± 0.018952	0.9940	EXP	150 of 150	1.1096049 ± 0.0167421	0.1376	EXP	150 of 150	15.015337 ± 0.016495	0.9617	EXP	150 of 150	1528.60905 ± 0.06088	0.9999	EXP	150 of 150
16D30694	6.5 %	5.7900425 ± 0.0037126	0.9929	EXP	150 of 150	55.578745 ± 0.020581	0.9962	EXP	150 of 150	1.3101887 ± 0.0179185	0.1046	EXP	150 of 150	20.200981 ± 0.017269	0.9767	EXP	150 of 150	1774.56716 ± 0.05788	0.9999	EXP	150 of 150
16D30696	7.0 %	5.7467093 ± 0.0039379	0.9918	EXP	150 of 150	56.966141 ± 0.021894	0.9958	EXP	150 of 150	1.3084322 ± 0.0160900	0.1235	EXP	149 of 150	20.734602 ± 0.018284	0.9756	EXP	150 of 150	1762.71236 ± 0.06628	0.9999	EXP	150 of 150
16D30697	7.6 %	6.2349139 ± 0.0037525	0.9936	EXP	150 of 150	66.726868 ± 0.023109	0.9966	EXP	150 of 150	1.4492523 ± 0.0163077	0.2169	EXP	150 of 150	24.282605 ± 0.017983	0.9829	EXP	150 of 150	1913.51600 ± 0.06933	0.9999	EXP	150 of 150
16D30699	8.4 %	7.7184616 ± 0.0043241	0.9945	EXP	150 of 150	94.094405 ± 0.024169	0.9981	EXP	150 of 150	1.8602821 ± 0.0169071	0.2796	EXP	150 of 150	34.747400 ± 0.017310	0.9933	EXP	150 of 150	2381.70213 ± 0.07171	0.9999	EXP	150 of 150
16D30700	9.4 %	9.8819657 ± 0.0045035	0.9964	EXP	150 of 150	122.283110 ± 0.024566	0.9989	EXP	150 of 150	2.4350434 ± 0.0153061	0.4451	EXP	149 of 150	45.508488 ± 0.018245	0.9956	EXP	150 of 150	3047.79004 ± 0.09766	0.9999	EXP	150 of 150
16D30702	10.5 %	15.0984932 ± 0.0065293	0.9968	EXP	150 of 150	142.570673 ± 0.023609	0.9992	EXP	150 of 150	3.4973303 ± 0.0168966	0.5437	EXP	150 of 150	53.374668 ± 0.019449	0.9962	EXP	150 of 150	4648.95311 ± 0.12600	1.0000	EXP	150 of 150
16D30703	11.7 %	30.2593349 ± 0.0195965	0.9916	EXP	150 of 150	156.008623 ± 0.026349	0.9994	EXP	150 of 150	6.4679952 ± 0.0166555	0.8841	EXP	150 of 150	59.090415 ± 0.020443	0.9953	EXP	150 of 150	9091.16703 ± 0.15836	1.0000	EXP	150 of 150
16D30705	13.1 %	47.8155341 ± 0.0186887	0.9969	EXP	150 of 150	160.409189 ± 0.024665	0.9995	EXP	150 of 150	9.7697113 ± 0.0156090	0.9442	EXP	149 of 150	61.225122 ± 0.020528	0.9940	EXP	150 of 150	14460.29834 ± 0.23780	1.0000	EXP	150 of 150
16D30706	14.7 %	46.2188015 ± 0.0221520	0.9955	EXP	150 of 150	150.449510 ± 0.022626	0.9996	EXP	150 of 150	9.5321245 ± 0.0148478	0.9512	EXP	150 of 150	58.891442 ± 0.021220	0.9924	EXP	150 of 150	14003.74260 ± 0.21326	1.0000	EXP	150 of 150
16D30708	16.5 %	32.7041798 ± 0.0204754	0.9922	EXP	150 of 150	96.943251 ± 0.023571	0.9988	EXP	150 of 150	6.6907286 ± 0.0161713	0.8853	EXP	150 of 150	37.812809 ± 0.017678	0.9843	EXP	150 of 150	10017.16219 ± 0.19052	1.0000	EXP	150 of 150
16D30709	18.5 %	17.6692325 ± 0.0065314	0.9976	EXP	150 of 150	68.505006 ± 0.022032	0.9970	EXP	150 of 150	3.7139279 ± 0.0166290	0.5507	EXP	150 of 150	26.489221 ± 0.018660	0.9703	EXP	150 of 150	5590.30255 ± 0.12841	1.0000	EXP	150 of 150
16D30711	19.6 %	7.0281273 ± 0.0039875	0.9941	EXP	150 of 150	35.277211 ± 0.021462	0.9893	EXP	150 of 150	1.5088995 ± 0.0185495	0.1859	EXP	150 of 150	13.372522 ± 0.016862	0.9158	EXP	150 of 150	2222.35194 ± 0.07020	0.9999	EXP	150 of 150
16D30712	20.8 %	3.9915138 ± 0.0028675	0.9902	EXP	150 of 150	39.404389 ± 0.021233	0.9920	EXP	150 of 150	0.9580475 ± 0.0161295	0.1663	EXP	150 of 150	15.260751 ± 0.017828	0.9511	EXP	150 of 150	1293.10030 ± 0.05873	0.9997	EXP	150 of 150
16D30714	22.0 %	2.7116673 ± 0.0023516	0.9857	EXP	150 of 150	36.515426 ± 0.022519	0.9892	EXP	150 of 150	0.6616253 ± 0.0165873	0.0667	EXP	150 of 150	14.022217 ± 0.016658	0.9537	EXP	149 of 150	882.17712 ± 0.04330	0.9996	EXP	150 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
16D30672	1.8 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30673	2.0 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30675	2.4 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30676	2.8 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30678	3.0 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30679	3.3 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30681	3.6 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30682	3.9 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30684	4.3 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30685	4.6 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30687	4.9 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30688	5.2 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30690	5.5 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30691	5.8 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30693	6.1 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30694	6.5 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30696	7.0 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30697	7.6 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30699	8.4 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30700	9.4 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30702	10.5 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30703	11.7 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30705	13.1 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30706	14.7 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30708	16.5 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30709	18.5 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30711	19.6 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30712	20.8 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	01
16D30714	22.0 %	Anthony Koppers	16-OSU-07	0.00	0.00	47.17	Oregon\McClaghry (15-17)	16D30668	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
16D30672	1.8 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	26	AUG	2016	21	48	1
16D30673	2.0 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	26	AUG	2016	21	56	1
16D30675	2.4 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	26	AUG	2016	22	13	1
16D30676	2.8 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	26	AUG	2016	22	22	1
16D30678	3.0 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	26	AUG	2016	22	39	1
16D30679	3.3 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	26	AUG	2016	22	48	1
16D30681	3.6 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	26	AUG	2016	23	5	1
16D30682	3.9 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	26	AUG	2016	23	13	1
16D30684	4.3 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	26	AUG	2016	23	30	1
16D30685	4.6 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	26	AUG	2016	23	39	1
16D30687	4.9 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	26	AUG	2016	23	57	1
16D30688	5.2 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	27	AUG	2016	0	6	1
16D30690	5.5 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	27	AUG	2016	0	23	1
16D30691	5.8 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	27	AUG	2016	0	31	1
16D30693	6.1 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	27	AUG	2016	0	48	1
16D30694	6.5 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	27	AUG	2016	0	57	1
16D30696	7.0 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	27	AUG	2016	1	14	1
16D30697	7.6 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	27	AUG	2016	1	23	1
16D30699	8.4 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	27	AUG	2016	1	40	1
16D30700	9.4 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	27	AUG	2016	1	48	1
16D30702	10.5 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	27	AUG	2016	2	5	1
16D30703	11.7 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	27	AUG	2016	2	14	1
16D30705	13.1 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	27	AUG	2016	2	31	1
16D30706	14.7 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	27	AUG	2016	2	39	1
16D30708	16.5 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	27	AUG	2016	2	57	1
16D30709	18.5 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	27	AUG	2016	3	5	1
16D30711	19.6 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	27	AUG	2016	3	22	1
16D30712	20.8 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	27	AUG	2016	3	31	1
16D30714	22.0 %	30-DFWJ-1 5	Plagioclase	Dufur	FCT-NM (7A37-16)	28.201	Kuiper et al (2008)	10.48932	0.068	0.00149842	0.068	303.298	0.151	0.99356402	0.069	1	4.8E-14	27	AUG	2016	3	48	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
16D30672	1.8 %	289	0.15	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
16D30673	2.0 %	289	0.15	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
16D30675	2.4 %	289	0.15	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
16D30676	2.8 %	289	0.15	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
16D30678	3.0 %	289	0.15	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
16D30679	3.3 %	289	0.15	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
16D30681	3.6 %	289	0.15	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
16D30682	3.9 %	289	0.15	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
16D30684	4.3 %	289	0.15	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
16D30685	4.6 %	289	0.15	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
16D30687	4.9 %	289	0.15	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
16D30688	5.2 %	289	0.15	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
16D30690	5.5 %	289	0.15	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
16D30691	5.8 %	289	0.15	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
16D30693	6.1 %	289	0.15	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
16D30694	6.5 %	289	0.15	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
16D30696	7.0 %	289	0.15	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
16D30697	7.6 %	289	0.15	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
16D30699	8.4 %	289	0.15	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
16D30700	9.4 %	289	0.15	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
16D30702	10.5 %	289	0.15	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
16D30703	11.7 %	289	0.15	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
16D30705	13.1 %	289	0.15	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
16D30706	14.7 %	289	0.15	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
16D30708	16.5 %	289	0.15	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
16D30709	18.5 %	289	0.15	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
16D30711	19.6 %	289	0.15	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
16D30712	20.8 %	289	0.15	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
16D30714	22.0 %	289	0.15	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

16D30668_CORRECTED 289.7.AGE >>> 30-DFWJ-1 5 >>> OREGON | MCCLAUGHRY (15-17) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

5.27 ± 0.46

TOTAL FUSION

6.58 ± 0.80

NORMAL ISOCHRON

5.13 ± 0.78

INVERSE ISOCHRON

5.13 ± 0.76

MSWD (PROBABILITY)

0.27 (100%)

Sample Info

Plagioclase

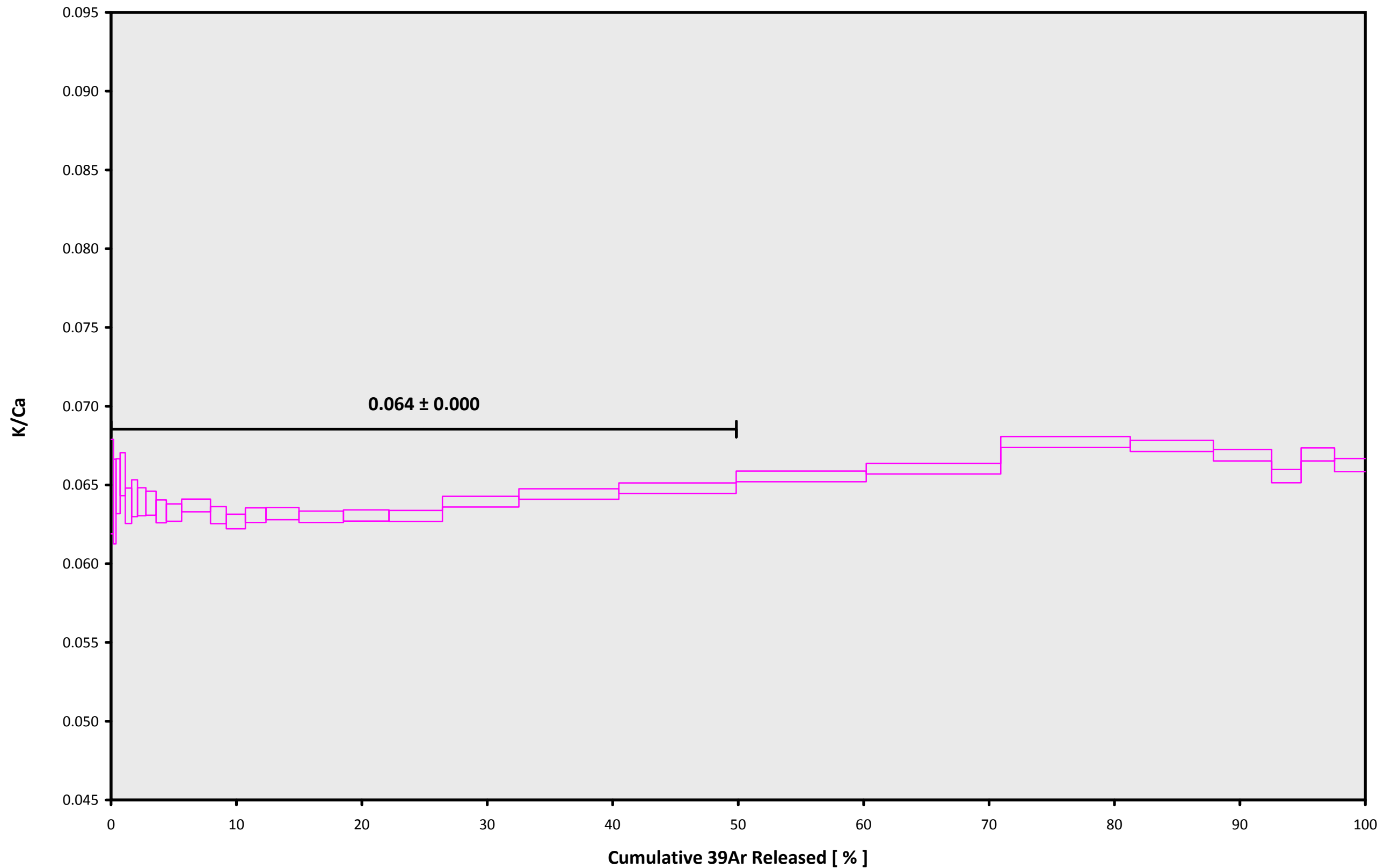
Dufur

Anthony Koppers

IRR = 16-OSU-07 (7A37-16)

J = 0.00149842 ± 0.00000102

16D30668_CORRECTED 289.7.AGE >>> 30-DFWJ-1 5 >>> OREGON | MCCLAUGHRY (15-17) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

5.27 ± 0.46

TOTAL FUSION

6.58 ± 0.80

NORMAL ISOCHRON

5.13 ± 0.78

INVERSE ISOCHRON

5.13 ± 0.76

Sample Info

Plagioclase

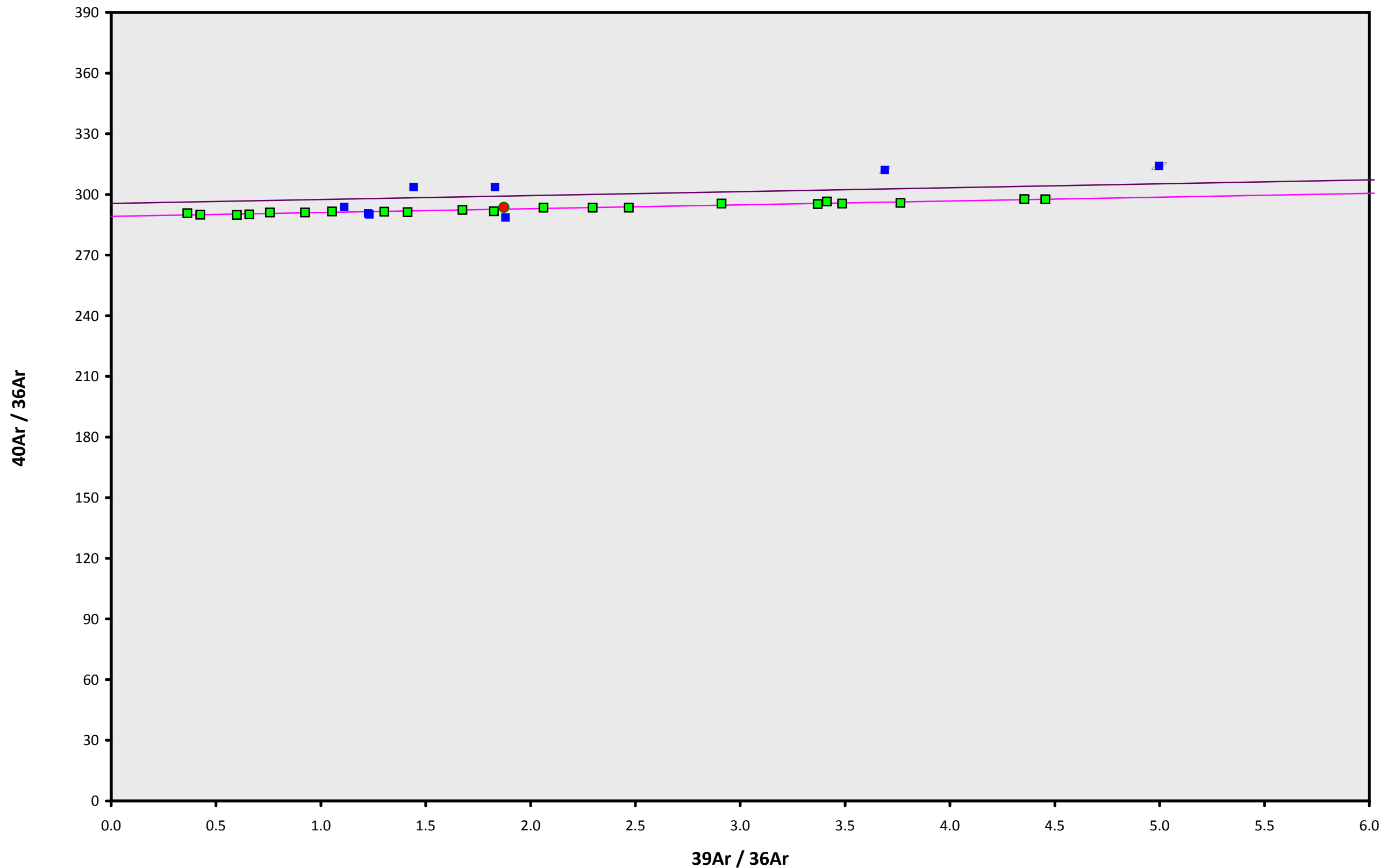
Dufur

Anthony Koppers

IRR = 16-OSU-07 (7A37-16)

J = 0.00149842 ± 0.00000102

16D30668_CORRECTED 289.7.AGE >>> 30-DFWJ-1 5 >>> OREGON | MCCLAUGHRY (15-17) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

5.27 ± 0.46

TOTAL FUSION

6.58 ± 0.80

NORMAL ISOCHRON

5.13 ± 0.78

INVERSE ISOCHRON

5.13 ± 0.76

MSWD (PROBABILITY)

0.35 (100%)

40AR/36AR INTERCEPT

289.1 ± 0.7

Sample Info

Plagioclase

Dufur

Anthony Koppers

IRR = 16-OSU-07 (7A37-16)

J = $0.00149842 \pm 0.00000102$

