

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
18D25712	1.8 %	✓	0.4655070	0.352	14.2474	3.295	0.1387246	18.275	1.22506	1.921	136.3679	0.048	0.00681 ± 1.10365	0.02 ± 3.14	0.01	0.42	0.0367 ± 0.0028
18D25714	2.0 %	✓	0.3112076	0.378	15.5111	2.888	0.0826436	30.626	1.28759	1.738	91.5098	0.069	0.63725 ± 0.73251	1.81 ± 2.08	0.89	0.44	0.0354 ± 0.0024
18D25715	2.4 %	✓	0.4377838	0.368	26.7011	1.718	0.1330578	19.169	2.17459	1.048	129.3266	0.049	0.98871 ± 0.59767	2.81 ± 1.70	1.65	0.74	0.0347 ± 0.0014
18D25716	2.8 %	✓	0.3845914	0.377	37.8059	1.247	0.1413642	16.930	3.11638	0.734	113.5238	0.056	0.94771 ± 0.37013	2.70 ± 1.05	2.58	1.07	0.0352 ± 0.0010
18D25718	3.0 %	✓	0.2407660	0.405	38.0288	1.220	0.0855864	29.103	3.08187	0.726	70.3903	0.090	0.75237 ± 0.24551	2.14 ± 0.70	3.27	1.05	0.0346 ± 0.0010
18D25719	3.3 %	✓	0.0768437	0.779	36.6026	1.374	0.0889226	28.534	2.91562	0.764	22.1497	0.281	0.82037 ± 0.14088	2.34 ± 0.40	10.71	1.00	0.0340 ± 0.0011
18D25720	3.6 %	✓	0.0707442	0.833	35.8160	1.349	0.0569934	39.291	2.89534	0.794	20.3421	0.306	0.80143 ± 0.13870	2.28 ± 0.39	11.32	0.99	0.0345 ± 0.0011
18D25722	3.9 %	✓	0.1425408	0.571	63.5986	0.883	0.1279714	19.723	5.09372	0.440	40.9164	0.153	0.76903 ± 0.11173	2.19 ± 0.32	9.50	1.74	0.0342 ± 0.0007
18D25723	4.3 %	✓	0.0536093	1.012	44.7839	1.117	0.1145486	21.788	3.54543	0.658	15.0505	0.414	0.79377 ± 0.10365	2.26 ± 0.29	18.55	1.21	0.0338 ± 0.0009
18D25724	4.6 %	✓	0.0692520	0.904	59.0879	0.898	0.0986920	26.614	4.70998	0.485	19.4962	0.318	0.80377 ± 0.08884	2.29 ± 0.25	19.26	1.61	0.0340 ± 0.0007
18D25726	5.0 %	✓	0.0676157	0.859	84.9954	0.700	0.1311408	18.195	6.81067	0.341	18.9272	0.328	0.84921 ± 0.05773	2.42 ± 0.16	30.31	2.33	0.0342 ± 0.0005
18D25727	5.5 %	✓	0.0520867	0.942	91.9501	0.658	0.0884524	28.104	7.42566	0.315	14.6344	0.425	0.89392 ± 0.04587	2.54 ± 0.13	45.00	2.54	0.0344 ± 0.0005
18D25728	6.1 %	✓	0.0733110	0.879	133.3485	0.553	0.2252196	11.028	10.73743	0.216	19.8350	0.315	0.82841 ± 0.04014	2.36 ± 0.11	44.49	3.67	0.0343 ± 0.0004
18D25730	6.7 %	✓	0.0848163	0.731	175.2442	0.513	0.2416176	10.935	13.96856	0.180	22.1671	0.281	0.80101 ± 0.03059	2.28 ± 0.09	50.07	4.78	0.0340 ± 0.0004
18D25731	7.3 %	✓	0.0893069	0.740	179.5926	0.518	0.1897265	12.866	14.48168	0.171	24.0467	0.260	0.83502 ± 0.03119	2.38 ± 0.09	49.89	4.95	0.0344 ± 0.0004
18D25732	7.8 %	✓	0.0989195	0.630	209.2113	0.495	0.2100321	11.764	16.99300	0.150	26.2096	0.236	0.81163 ± 0.02586	2.31 ± 0.07	52.21	5.81	0.0347 ± 0.0004
18D25734	8.3 %	✓	0.0769322	0.763	177.4861	0.511	0.1890568	13.019	14.41805	0.180	20.5230	0.302	0.83612 ± 0.02832	2.38 ± 0.08	58.28	4.93	0.0347 ± 0.0004
18D25735	8.9 %	✓	0.1094665	0.595	191.1878	0.501	0.2057545	11.739	15.73548	0.157	29.6488	0.210	0.80499 ± 0.02897	2.29 ± 0.08	42.39	5.38	0.0351 ± 0.0004
18D25736	9.6 %	✓	0.1108074	0.609	210.2954	0.502	0.2107788	12.609	17.38147	0.150	30.8272	0.203	0.86251 ± 0.02718	2.46 ± 0.08	48.25	5.95	0.0353 ± 0.0004
18D25738	10.3 %	✓	0.1191206	0.650	193.1399	0.503	0.1831841	13.629	16.15631	0.157	32.9537	0.188	0.82188 ± 0.03244	2.34 ± 0.09	39.99	5.53	0.0357 ± 0.0004
18D25739	11.1 %		0.1356840	0.582	202.0646	0.495	0.1692333	14.480	16.94216	0.150	38.6438	0.161	0.87352 ± 0.03201	2.49 ± 0.09	38.00	5.80	0.0358 ± 0.0004
18D25740	12.0 %		0.1829589	0.479	234.8827	0.487	0.2351117	10.332	20.13822	0.130	53.2271	0.117	0.89668 ± 0.03082	2.55 ± 0.09	33.67	6.89	0.0366 ± 0.0004
18D25742	12.9 %		0.2250953	0.446	248.9967	0.481	0.2604012	9.619	21.60799	0.126	65.7676	0.096	0.89245 ± 0.03330	2.54 ± 0.09	29.10	7.40	0.0370 ± 0.0004
18D25743	13.7 %		0.1842874	0.449	204.1512	0.499	0.1935139	13.061	17.65193	0.139	53.0774	0.118	0.85200 ± 0.03385	2.43 ± 0.10	28.12	6.04	0.0369 ± 0.0004
18D25744	14.7 %		0.2007187	0.457	193.8880	0.503	0.2015519	12.180	16.76648	0.147	58.1229	0.108	0.85930 ± 0.03920	2.45 ± 0.11	24.60	5.74	0.0369 ± 0.0004
18D25746	15.7 %		0.1274501	0.584	144.8977	0.543	0.1413904	17.393	12.36750	0.196	37.5197	0.168	0.93139 ± 0.04152	2.65 ± 0.12	30.47	4.23	0.0364 ± 0.0004
18D25747	16.8 %		0.1493477	0.517	150.4444	0.544	0.1942509	13.347	12.94317	0.184	46.1838	0.135	1.09525 ± 0.04203	3.12 ± 0.12	30.47	4.43	0.0367 ± 0.0004
18D25749	18.1 %		0.0972242	0.716	115.1352	0.614	0.1690207	15.645	9.69513	0.244	28.4042	0.221	0.92215 ± 0.04849	2.63 ± 0.14	31.24	3.32	0.0359 ± 0.0005
Σ			4.4379947	0.104	3513.0950	0.120	4.5079418	2.933	292.26645	0.044	1279.7924	0.026					

Information on Analysis and Constants Used in Calculations	
Project = MCCLAUGHRY (18-09)	Age Equations = Min et al. (2000)
Sample = 375-MCB-DRJ-17	Negative Intensities = Allowed
Material = Plagioclase	Collector Calibrations = 36Ar
Location = Bluegrass Ridge	Decay 40K = 5.530 ± 0.048 E-10 1/a
Region = Eastern Cascades	Decay 39Ar = 2.940 ± 0.016 E-07 1/h
Analyst = Dan Miggins	Decay 37Ar = 8.230 ± 0.012 E-04 1/h
Irradiation = 18-OSU-04 (4C17-18)	Decay 36Cl = 2.257 ± 0.015 E-06 1/a
Position = X: 999 Y: 999 Z/H: 27.76 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) = 295.41 ± 0.99
FCT-NM 40Ar/39Ar Ratio = 9.97632 ± 0.00748	Atmospheric 38/36(a) = 0.1869
FCT-NM J-value = 0.00157547 ± 0.00000118	Production 39/37(ca) = 0.0006425 ± 0.0000059
Air Shot 40Ar/36Ar = 305.6250 ± 0.3056	Production 38/37(ca) = 0.0001800 ± 0.0000173
Air Shot MDF = 0.99170709 ± 0.00062258 (LIN)	Production 36/37(ca) = 0.0002703 ± 0.0000005
Experiment Type = Incremental Heating	Production 40/39(k) = 0.000607 ± 0.000059
Extraction Method = Bulk Laser Heating	Production 38/39(k) = 0.012077 ± 0.000011
Heating = 64 sec	Production 36/38(cl) = 262.80 ± 1.71
Isolation = 5.10 min	Scaling Ratio K/Ca = 0.430
Instrument = ARGUS-VI-D	Abundance Ratio 40K/K = 1.1700 ± 0.0100 E-04
Preferred Age = Plateau Age	Atomic Weight K = 39.0983 ± 0.0001 g
Age Classification = Eruption Age	
IGSN = Undefined	
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		0.82817 ± 0.01222 ± 1.48%	2.36 ± 0.03 ± 1.48%	1.52 7%	56.16 20	0.0347 ± 0.0002
		Full External Error ± 0.06		1.65	2σ Confidence Limit	
		Analytical Error ± 0.03		1.2315	Error Magnification	
Total Fusion Age		0.85905 ± 0.01183 ± 1.38%	2.45 ± 0.03 ± 1.38%		28	0.0355 ± 0.0001
		Full External Error ± 0.06				
		Analytical Error ± 0.03				
Normal Isochron Error Chron	294.81 ± 1.30 ± 0.44%	0.82898 ± 0.01382 ± 1.67%	2.36 ± 0.04 ± 1.67%	1.71 3%	56.16 20	
		Full External Error ± 0.07		1.67	2σ Confidence Limit	
		Analytical Error ± 0.04		1.3066	Error Magnification	
				12	Number of Iterations	
				0.0000060787	Convergence	
Inverse Isochron Error Chron	294.81 ± 1.32 ± 0.45%	0.83063 ± 0.01402 ± 1.69%	2.36 ± 0.04 ± 1.69%	1.76 2%	56.16 20	
		Full External Error ± 0.07		1.67	2σ Confidence Limit	
		Analytical Error ± 0.04		1.3275	Error Magnification	
				3	Number of Iterations	
				0.0005812477	Convergence	
				57%	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
18D25712	1.8 %	✓	0.4616479	14.2474	0.0351936	1.21590	0.00828	0.02 ± 3.14	0.01	0.42	0.0367 ± 0.0028
18D25714	2.0 %	✓	0.3070134	15.5111	0.0070409	1.27762	0.81416	1.81 ± 2.08	0.89	0.44	0.0354 ± 0.0024
18D25715	2.4 %	✓	0.4305615	26.7011	0.0217243	2.15743	2.13308	2.81 ± 1.70	1.65	0.74	0.0347 ± 0.0014
18D25716	2.8 %	✓	0.3743662	37.8059	0.0272469	3.09209	2.93042	2.70 ± 1.05	2.58	1.07	0.0352 ± 0.0010
18D25718	3.0 %	✓	0.2304868	38.0288	0.0000000	3.05743	2.30031	2.14 ± 0.70	3.27	1.05	0.0346 ± 0.0010
18D25719	3.3 %	✓	0.0669420	36.6026	0.0348947	2.89211	2.37261	2.34 ± 0.40	10.71	1.00	0.0340 ± 0.0011
18D25720	3.6 %	✓	0.0610621	35.8160	0.0044449	2.87233	2.30197	2.28 ± 0.39	11.32	0.99	0.0345 ± 0.0011
18D25722	3.9 %	✓	0.1253428	63.5986	0.0320737	5.05286	3.88581	2.19 ± 0.32	9.50	1.74	0.0342 ± 0.0007
18D25723	4.3 %	✓	0.0414913	44.7839	0.0562621	3.51666	2.79143	2.26 ± 0.29	18.55	1.21	0.0338 ± 0.0009
18D25724	4.6 %	✓	0.0532756	59.0879	0.0216750	4.67201	3.75523	2.29 ± 0.25	19.26	1.61	0.0340 ± 0.0007
18D25726	5.0 %	✓	0.0446355	84.9954	0.0259064	6.75606	5.73732	2.42 ± 0.16	30.31	2.33	0.0342 ± 0.0005
18D25727	5.5 %	✓	0.0272326	91.9501	0.0000000	7.36658	6.58510	2.54 ± 0.13	45.00	2.54	0.0344 ± 0.0005
18D25728	6.1 %	✓	0.0372518	133.3485	0.0656133	10.65175	8.82401	2.36 ± 0.11	44.49	3.67	0.0343 ± 0.0004
18D25730	6.7 %	✓	0.0374396	175.2442	0.0357377	13.85596	11.09871	2.28 ± 0.09	50.07	4.78	0.0340 ± 0.0004
18D25731	7.3 %	✓	0.0407630	179.5926	0.0000000	14.36629	11.99616	2.38 ± 0.09	49.89	4.95	0.0344 ± 0.0004
18D25732	7.8 %	✓	0.0423697	209.2113	0.0000000	16.85858	13.68295	2.31 ± 0.07	52.21	5.81	0.0347 ± 0.0004
18D25734	8.3 %	✓	0.0289577	177.4861	0.0000000	14.30402	11.95994	2.38 ± 0.08	58.28	4.93	0.0347 ± 0.0004
18D25735	8.9 %	✓	0.0577884	191.1878	0.0000000	15.61264	12.56803	2.29 ± 0.08	42.39	5.38	0.0351 ± 0.0004
18D25736	9.6 %	✓	0.0539646	210.2954	0.0000000	17.24635	14.87511	2.46 ± 0.08	48.25	5.95	0.0353 ± 0.0004
18D25738	10.3 %	✓	0.0669149	193.1399	0.0000000	16.03222	13.17661	2.34 ± 0.09	39.99	5.53	0.0357 ± 0.0004
18D25739	11.1 %		0.0810659	202.0646	0.0000000	16.81234	14.68591	2.49 ± 0.09	38.00	5.80	0.0358 ± 0.0004
18D25740	12.0 %		0.1194701	234.8827	0.0000000	19.98731	17.92229	2.55 ± 0.09	33.67	6.89	0.0366 ± 0.0004
18D25742	12.9 %		0.1577915	248.9967	0.0000000	21.44801	19.14138	2.54 ± 0.09	29.10	7.40	0.0370 ± 0.0004
18D25743	13.7 %		0.1291054	204.1512	0.0000000	17.52077	14.92776	2.43 ± 0.10	28.12	6.04	0.0369 ± 0.0004
18D25744	14.7 %		0.1483108	193.8880	0.0000000	16.64190	14.30030	2.45 ± 0.11	24.60	5.74	0.0369 ± 0.0004
18D25746	15.7 %		0.0882842	144.8977	0.0000000	12.27440	11.43221	2.65 ± 0.12	30.47	4.23	0.0364 ± 0.0004
18D25747	16.8 %		0.1086826	150.4444	0.0000000	12.84651	14.07011	3.12 ± 0.12	30.47	4.43	0.0367 ± 0.0004
18D25749	18.1 %		0.0660986	115.1352	0.0197478	9.62115	8.87215	2.63 ± 0.14	31.24	3.32	0.0359 ± 0.0005
Σ			3.4883164	3513.0950	0.3875615	290.00929	249.13277				

Information on Analysis	Results	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD	39Ar(k) (% ,n)	K/Ca ± 2σ
Project = MCCLAUGHRY (18-09) Sample = 375-MCB-DRJ-17 Material = Plagioclase Location = Bluegrass Ridge Region = Eastern Cascades Analyst = Dan Miggins Irradiation = 18-OSU-04 (4C17-18) J = 0.00157547 ± 0.00000118 FCT-NM = 28.201 ± 0.023 Ma	Age Plateau	0.82817 ± 0.01222 ± 1.48% Full External Error ± 0.06 Analytical Error ± 0.03	2.36 ± 0.03 ± 1.48%	1.52 7% 1.65 2σ Confidence Limit 1.2315 Error Magnification	56.16 20	0.0347 ± 0.0002
	Total Fusion Age	0.85905 ± 0.01183 ± 1.38% Full External Error ± 0.06 Analytical Error ± 0.03	2.45 ± 0.03 ± 1.38%		28	0.0355 ± 0.0001

Normal Isochron			39(k)/36(a) ± 2σ	40(a+r)/36(a) ± 2σ	r.i.
18D25712	1.8 %	✓	2.63 ± 0.10	295.39 ± 2.12	0.1794
18D25714	2.0 %	✓	4.16 ± 0.15	298.06 ± 2.33	0.2112
18D25715	2.4 %	✓	5.01 ± 0.11	300.36 ± 2.28	0.3324
18D25716	2.8 %	✓	8.26 ± 0.14	303.24 ± 2.38	0.4603
18D25718	3.0 %	✓	13.27 ± 0.22	305.39 ± 2.66	0.4928
18D25719	3.3 %	✓	43.20 ± 1.03	330.85 ± 6.35	0.7322
18D25720	3.6 %	✓	47.04 ± 1.20	333.11 ± 6.89	0.7424
18D25722	3.9 %	✓	40.31 ± 0.64	326.41 ± 4.43	0.8090
18D25723	4.3 %	✓	84.76 ± 2.55	362.69 ± 10.23	0.8578
18D25724	4.6 %	✓	87.70 ± 2.28	365.90 ± 9.14	0.8963
18D25726	5.0 %	✓	151.36 ± 4.22	423.95 ± 11.80	0.9419
18D25727	5.5 %	✓	270.51 ± 10.45	537.22 ± 20.98	0.9627
18D25728	6.1 %	✓	285.94 ± 10.48	532.28 ± 19.65	0.9784
18D25730	6.7 %	✓	370.09 ± 13.33	591.85 ± 21.47	0.9829
18D25731	7.3 %	✓	352.43 ± 12.37	589.70 ± 20.82	0.9843
18D25732	7.8 %	✓	397.89 ± 13.01	618.35 ± 20.34	0.9854
18D25734	8.3 %	✓	493.96 ± 21.96	708.42 ± 31.67	0.9875
18D25735	8.9 %	✓	270.17 ± 6.66	512.89 ± 12.73	0.9773
18D25736	9.6 %	✓	319.59 ± 8.80	571.06 ± 15.81	0.9832
18D25738	10.3 %	✓	239.59 ± 5.93	492.33 ± 12.23	0.9804
18D25739	11.1 %		207.39 ± 4.34	476.57 ± 9.99	0.9776
18D25740	12.0 %		167.30 ± 2.66	445.42 ± 7.05	0.9752
18D25742	12.9 %		135.93 ± 1.86	416.72 ± 5.67	0.9729
18D25743	13.7 %		135.71 ± 1.88	411.03 ± 5.67	0.9650
18D25744	14.7 %		112.21 ± 1.49	391.83 ± 5.14	0.9615
18D25746	15.7 %		139.03 ± 2.51	424.90 ± 7.62	0.9583
18D25747	16.8 %		118.20 ± 1.81	424.87 ± 6.40	0.9543
18D25749	18.1 %		145.56 ± 3.27	429.64 ± 9.60	0.9564

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Normal Isochron	294.81 ± 1.30	0.82898 ± 0.01382	2.36 ± 0.04	1.71
Error Chron	± 0.44%	± 1.67%	± 1.67%	3%
			Full External Error ± 0.07	
			Analytical Error ± 0.04	
Statistics	2σ Confidence Limit	1.67	Convergence	0.000006078682
	Error Magnification	1.3066	Number of Iterations	12
	Number of Data Points	20	Calculated Line	Weighted York-2

Inverse Isochron			39(k)/40(a+r) ± 2σ	36(a)/40(a+r) ± 2σ	r.i.
18D25712	1.8 %	✓	0.0089164 ± 0.0003453	0.00338533 ± 0.00002433	0.0033
18D25714	2.0 %	✓	0.0139617 ± 0.0004896	0.00335501 ± 0.00002624	0.0070
18D25715	2.4 %	✓	0.0166822 ± 0.0003527	0.00332929 ± 0.00002524	0.0061
18D25716	2.8 %	✓	0.0272378 ± 0.0004044	0.00329774 ± 0.00002591	0.0107
18D25718	3.0 %	✓	0.0434366 ± 0.0006401	0.00327450 ± 0.00002853	0.0250
18D25719	3.3 %	✓	0.1305812 ± 0.0021411	0.00302249 ± 0.00005797	0.1001
18D25720	3.6 %	✓	0.1412137 ± 0.0024203	0.00300202 ± 0.00006213	0.1056
18D25722	3.9 %	✓	0.1235015 ± 0.0011598	0.00306362 ± 0.00004160	0.0735
18D25723	4.3 %	✓	0.2336903 ± 0.0036528	0.00275719 ± 0.00007776	0.1554
18D25724	4.6 %	✓	0.2396719 ± 0.0027961	0.00273301 ± 0.00006824	0.1388
18D25726	5.0 %	✓	0.3570271 ± 0.0033940	0.00235879 ± 0.00006567	0.1630
18D25727	5.5 %	✓	0.5035297 ± 0.0053473	0.00186144 ± 0.00007269	0.1744
18D25728	6.1 %	✓	0.5371920 ± 0.0041114	0.00187869 ± 0.00006936	0.1403
18D25730	6.7 %	✓	0.6253048 ± 0.0041809	0.00168961 ± 0.00006128	0.1302
18D25731	7.3 %	✓	0.5976502 ± 0.0037322	0.00169578 ± 0.00005988	0.1227
18D25732	7.8 %	✓	0.6434726 ± 0.0036080	0.00161720 ± 0.00005320	0.1210
18D25734	8.3 %	✓	0.6972690 ± 0.0049104	0.00141159 ± 0.00006311	0.1156
18D25735	8.9 %	✓	0.5267546 ± 0.0027759	0.00194972 ± 0.00004839	0.1351
18D25736	9.6 %	✓	0.5596416 ± 0.0028305	0.00175114 ± 0.00004847	0.1173
18D25738	10.3 %	✓	0.4866515 ± 0.0023928	0.00203117 ± 0.00005048	0.1155
18D25739	11.1 %		0.4351741 ± 0.0019289	0.00209833 ± 0.00004401	0.1122
18D25740	12.0 %		0.3755958 ± 0.0013258	0.00224505 ± 0.00003554	0.0989
18D25742	12.9 %		0.3261829 ± 0.0010360	0.00239970 ± 0.00003263	0.0849
18D25743	13.7 %		0.3301645 ± 0.0012090	0.00243288 ± 0.00003356	0.1105
18D25744	14.7 %		0.2863724 ± 0.0010495	0.00255212 ± 0.00003348	0.0973
18D25746	15.7 %		0.3272104 ± 0.0016998	0.00235348 ± 0.00004220	0.1218
18D25747	16.8 %		0.2782072 ± 0.0012786	0.00235366 ± 0.00003548	0.1056
18D25749	18.1 %		0.3387928 ± 0.0022399	0.00232755 ± 0.00005199	0.1324

Results	40(a)/36(a) ± 2σ	40(r)/39(k) ± 2σ	Age ± 2σ (Ma)	MSWD
Inverse Isochron	294.81 ± 1.32	0.83063 ± 0.01402	2.36 ± 0.04	1.76
Error Chron	± 0.45%	± 1.69%	± 1.69%	2%
			Full External Error ± 0.07	
			Analytical Error ± 0.04	
Statistics	2σ Confidence Limit	1.67	Convergence	0.0005812477
	Error Magnification	1.3275	Number of Iterations	3
	Number of Data Points	20	Calculated Line	Weighted York-2
	Spreading Factor	57.2%		

Degassing Patterns			36Ar(a) [fA]	%1σ	36Ar(c) [fA]	%1σ	36Ar(ca) [fA]	%1σ	36Ar(cl) [fA]	%1σ	37Ar(ca) [fA]	%1σ	38Ar(a) [fA]	%1σ	38Ar(c) [fA]	%1σ	38Ar(k) [fA]	%1σ	38Ar(ca) [fA]	%1σ	38Ar(cl) [fA]	%1σ	39Ar(k) [fA]	%1σ	39Ar(ca) [fA]	%1σ	40Ar(r) [fA]	%1σ	40Ar(a) [fA]	%1σ	40Ar(c) [fA]	%1σ	40Ar(k) [fA]	%1σ
18D25712	1.8 %	✓	0.4616479	0.36	0.0000000	0.00	0.0038511	3.30	0.0000081	72.06	14.2474	3.30	0.0862820	0.36	0.0000000	0.00	0.0146845	1.94	0.0025645	10.18	0.0351936	72.06	1.21590	1.94	0.0091539	3.42	0.00828	#####	136.3754	0.49	0.0000000	0.00	0.0007381	9.84
18D25714	2.0 %	✓	0.3070134	0.38	0.0000000	0.00	0.0041927	2.89	0.0000016	359.55	15.5111	2.89	0.0573808	0.38	0.0000000	0.00	0.0154298	1.75	0.0027920	10.05	0.0070409	359.55	1.27762	1.75	0.0099659	3.03	0.81416	57.45	90.6948	0.51	0.0000000	0.00	0.0007755	9.81
18D25715	2.4 %	✓	0.4305615	0.38	0.0000000	0.00	0.0072173	1.73	0.0000050	117.45	26.7011	1.72	0.0804719	0.38	0.0000000	0.00	0.0260553	1.06	0.0048062	9.78	0.0217243	117.45	2.15743	1.06	0.0171554	1.95	2.13308	30.21	127.1922	0.50	0.0000000	0.00	0.0013096	9.71
18D25716	2.8 %	✓	0.3743662	0.39	0.0000000	0.00	0.0102189	1.26	0.0000062	87.89	37.8059	1.25	0.0699690	0.39	0.0000000	0.00	0.0373432	0.75	0.0068051	9.71	0.0272469	87.90	3.09209	0.74	0.0242903	1.55	2.93042	19.51	110.5915	0.51	0.0000000	0.00	0.0018769	9.68
18D25718	3.0 %	✓	0.2304868	0.43	0.0000000	0.00	0.0102792	1.23	0.0000000	0.00	38.0288	1.22	0.0430780	0.43	0.0000000	0.00	0.0369246	0.74	0.0068452	9.71	0.0000000	0.00	3.05743	0.73	0.0244335	1.53	2.30031	16.30	68.0881	0.54	0.0000000	0.00	0.0018559	9.68
18D25719	3.3 %	✓	0.0669420	0.92	0.0000000	0.00	0.0098937	1.38	0.0000080	72.75	36.6026	1.37	0.0125115	0.92	0.0000000	0.00	0.0349280	0.78	0.0065885	9.73	0.0348947	72.76	2.89211	0.77	0.0235171	1.65	2.37261	8.55	19.7753	0.98	0.0000000	0.00	0.0017555	9.68
18D25720	3.6 %	✓	0.0610621	0.99	0.0000000	0.00	0.0096811	1.36	0.0000010	504.06	35.8160	1.35	0.0114125	0.99	0.0000000	0.00	0.0346891	0.81	0.0064469	9.72	0.0044449	504.06	2.87233	0.80	0.0230118	1.63	2.30197	8.62	18.0383	1.04	0.0000000	0.00	0.0017435	9.68
18D25722	3.9 %	✓	0.1253428	0.66	0.0000000	0.00	0.0171907	0.90	0.0000073	78.78	63.5986	0.88	0.0234266	0.66	0.0000000	0.00	0.0610234	0.45	0.0114478	9.67	0.0320737	78.79	5.05286	0.44	0.0408621	1.28	3.88581	7.25	37.0275	0.74	0.0000000	0.00	0.0030671	9.66
18D25723	4.3 %	✓	0.0414913	1.35	0.0000000	0.00	0.0121051	1.13	0.0000129	44.40	44.7839	1.12	0.0077547	1.35	0.0000000	0.00	0.0424707	0.67	0.0080611	9.69	0.0562621	44.41	3.51666	0.66	0.0287736	1.45	2.79143	6.50	12.2569	1.39	0.0000000	0.00	0.0021346	9.67
18D25724	4.6 %	✓	0.0532756	1.21	0.0000000	0.00	0.0159714	0.91	0.0000050	121.29	59.0879	0.90	0.0099572	1.21	0.0000000	0.00	0.0564239	0.50	0.0106358	9.67	0.0216750	121.30	4.67201	0.49	0.0379639	1.29	3.75523	5.50	15.7381	1.25	0.0000000	0.00	0.0028359	9.66
18D25726	5.0 %	✓	0.0446355	1.35	0.0000000	0.00	0.0229742	0.72	0.0000059	92.30	84.9954	0.70	0.0083424	1.35	0.0000000	0.00	0.0815929	0.36	0.0152992	9.66	0.0259064	92.30	6.75606	0.34	0.0546095	1.16	5.73732	3.38	13.1858	1.39	0.0000000	0.00	0.0041009	9.66
18D25727	5.5 %	✓	0.0272326	1.91	0.0000000	0.00	0.0248541	0.68	0.0000000	0.00	91.9501	0.66	0.0050898	1.91	0.0000000	0.00	0.0889662	0.33	0.0165510	9.65	0.0000000	0.00	7.36658	0.32	0.0590779	1.13	6.58510	2.55	8.0448	1.94	0.0000000	0.00	0.0044715	9.66
18D25728	6.1 %	✓	0.0372518	1.82	0.0000000	0.00	0.0360441	0.58	0.0000150	38.03	133.3485	0.55	0.0069624	1.82	0.0000000	0.00	0.1286412	0.24	0.0240027	9.65	0.0656133	38.05	10.65175	0.22	0.0856764	1.07	8.82401	2.41	11.0046	1.85	0.0000000	0.00	0.0064656	9.65
18D25730	6.7 %	✓	0.0374396	1.79	0.0000000	0.00	0.0473685	0.54	0.0000082	74.43	175.2442	0.51	0.0069975	1.79	0.0000000	0.00	0.1673385	0.20	0.0315439	9.64	0.0357377	74.44	13.85596	0.18	0.1125944	1.05	11.09871	1.90	11.0600	1.82	0.0000000	0.00	0.0084106	9.65
18D25731	7.3 %	✓	0.0407630	1.75	0.0000000	0.00	0.0485439	0.54	0.0000000	0.00	179.5926	0.52	0.0076186	1.75	0.0000000	0.00	0.1735017	0.19	0.0323267	9.64	0.0000000	0.00	14.36629	0.17	0.1153882	1.06	11.99616	1.86	12.0418	1.78	0.0000000	0.00	0.0087203	9.65
18D25732	7.8 %	✓	0.0423697	1.63	0.0000000	0.00	0.0565498	0.52	0.0000000	0.00	209.2113	0.50	0.0079189	1.63	0.0000000	0.00	0.2036011	0.18	0.0376580	9.64	0.0000000	0.00	16.85858	0.15	0.1344183	1.04	13.68295	1.59	12.5164	1.66	0.0000000	0.00	0.0102332	9.65
18D25734	8.3 %	✓	0.0289577	2.22	0.0000000	0.00	0.0479745	0.54	0.0000000	0.00	177.4861	0.51	0.0054122	2.22	0.0000000	0.00	0.1727496	0.20	0.0319475	9.64	0.0000000	0.00	14.30402	0.18	0.1140348	1.05	11.95994	1.68	8.5544	2.24	0.0000000	0.00	0.0086825	9.65
18D25735	8.9 %	✓	0.0577884	1.22	0.0000000	0.00	0.0516781	0.53	0.0000000	0.00	191.1878	0.50	0.0108007	1.22	0.0000000	0.00	0.1885538	0.18	0.0344138	9.64	0.0000000	0.00	15.61264	0.16	0.1228382	1.05	12.56803	1.79	17.0713	1.27	0.0000000	0.00	0.0094769	9.65
18D25736	9.6 %	✓	0.0539646	1.37	0.0000000	0.00	0.0568428	0.53	0.0000000	0.00	210.2954	0.50	0.0100860	1.37	0.0000000	0.00	0.2082842	0.18	0.0378532	9.64	0.0000000	0.00	17.24635	0.15	0.1351148	1.05	14.87511	1.57	15.9417	1.41	0.0000000	0.00	0.0104685	9.65
18D25738	10.3 %	✓	0.0669149	1.23	0.0000000	0.00	0.0522057	0.53	0.0000000	0.00	193.1399	0.50	0.0125064	1.23	0.0000000	0.00	0.1936211	0.18	0.0347652	9.64	0.0000000	0.00	16.03222	0.16	0.1240924	1.05	13.17661	1.97	19.7673	1.27	0.0000000	0.00	0.0097316	9.65
18D25739	11.1 %		0.0810659	1.04	0.0000000	0.00	0.0546181	0.52	0.0000000	0.00	202.0646	0.49	0.0151512	1.04	0.0000000	0.00	0.2030426	0.18	0.0363716	9.64	0.0000000	0.00	16.81234	0.15	0.1298265	1.04	14.68591	1.83	23.9477	1.09	0.0000000	0.00	0.0102051	9.65
18D25740	12.0 %		0.1194701	0.78	0.0000000	0.00	0.0634888	0.52	0.0000000	0.00	234.8827	0.49	0.0223290	0.78	0.0000000	0.00	0.2413867	0.16	0.0422789	9.64	0.0000000	0.00	19.98731	0.13	0.1509121	1.04	17.92229	1.71	35.2927	0.85	0.0000000	0.00	0.0121323	9.65
18D25742	12.9 %		0.1577915	0.67	0.0000000	0.00	0.0673038	0.51	0.0000000	0.00	248.9967	0.48	0.0294912	0.67	0.0000000	0.00	0.2590277	0.16	0.0448194	9.64	0.0000000	0.00	21.44801	0.13	0.1599804	1.04	19.14138	1.86	46.6132	0.75	0.0000000	0.00	0.0130189	9.65
18D25743	13.7 %		0.1291054	0.68	0.0000000	0.00	0.0551821	0.53	0.0000000	0.00	204.1512	0.50	0.0241298	0.68	0.0000000	0.00	0.2115983	0.17	0.0367472	9.64	0.0000000	0.00	17.52077	0.14	0.1311672	1.05	14.92776	1.98	38.1390	0.76	0.0000000	0.00	0.0106351	9.65
18D25744	14.7 %		0.1483108	0.65	0.0000000	0.00	0.0524079	0.53	0.00000																									

Additional Parameters			40Ar/39Ar	1σ	37Ar/39Ar	1σ	36Ar/39Ar	1σ	Time (days)	37Ar (decay)	39Ar (decay)	40Ar (moles)
18D25712	1.8 %	✓	111.315561	2.138835	11.629955	0.443607	0.379988	0.007421	140.912	16.212324	1.00099566	6.546E-12
18D25714	2.0 %	✓	71.070657	1.236318	12.046649	0.406026	0.241698	0.004299	140.927	16.216994	1.00099576	4.392E-12
18D25715	2.4 %	✓	59.471742	0.623661	12.278685	0.247088	0.201318	0.002235	140.934	16.219219	1.00099581	6.208E-12
18D25716	2.8 %	✓	36.428114	0.268303	12.131355	0.175612	0.123410	0.001019	140.941	16.221444	1.00099586	5.449E-12
18D25718	3.0 %	✓	22.840130	0.166964	12.339526	0.175154	0.078123	0.000649	140.955	16.225895	1.00099596	3.379E-12
18D25719	3.3 %	✓	7.596903	0.061830	12.553942	0.197353	0.026356	0.000288	140.962	16.228120	1.00099600	1.063E-12
18D25720	3.6 %	✓	7.025783	0.059783	12.370217	0.193619	0.024434	0.000281	140.969	16.230347	1.00099605	9.764E-13
18D25722	3.9 %	✓	8.032713	0.037439	12.485697	0.123178	0.027984	0.000202	140.983	16.235022	1.00099616	1.964E-12
18D25723	4.3 %	✓	4.245042	0.032979	12.631426	0.163751	0.015121	0.000182	140.990	16.237249	1.00099621	7.224E-13
18D25724	4.6 %	✓	4.139341	0.024004	12.545248	0.128068	0.014703	0.000151	140.997	16.239477	1.00099625	9.358E-13
18D25726	5.0 %	✓	2.779052	0.013150	12.479741	0.097155	0.009928	0.000092	141.011	16.243932	1.00099635	9.085E-13
18D25727	5.5 %	✓	1.970782	0.010431	12.382754	0.090320	0.007014	0.000070	141.018	16.246161	1.00099640	7.024E-13
18D25728	6.1 %	✓	1.847281	0.007047	12.419035	0.073722	0.006828	0.000062	141.025	16.248389	1.00099645	9.521E-13
18D25730	6.7 %	✓	1.586932	0.005289	12.545614	0.068219	0.006072	0.000046	141.040	16.253070	1.00099655	1.064E-12
18D25731	7.3 %	✓	1.660490	0.005169	12.401367	0.067632	0.006167	0.000047	141.047	16.255300	1.00099660	1.154E-12
18D25732	7.8 %	✓	1.542377	0.004311	12.311620	0.063688	0.005821	0.000038	141.053	16.257530	1.00099665	1.258E-12
18D25734	8.3 %	✓	1.423426	0.004998	12.309988	0.066658	0.005336	0.000042	141.067	16.261990	1.00099675	9.851E-13
18D25735	8.9 %	✓	1.884200	0.004947	12.150114	0.063844	0.006957	0.000043	141.074	16.264221	1.00099680	1.423E-12
18D25736	9.6 %	✓	1.773570	0.004469	12.098828	0.063433	0.006375	0.000040	141.081	16.266452	1.00099685	1.480E-12
18D25738	10.3 %	✓	2.039678	0.004994	11.954459	0.063019	0.007373	0.000049	141.096	16.271138	1.00099695	1.582E-12
18D25739	11.1 %		2.280924	0.005033	11.926730	0.061672	0.008009	0.000048	141.103	16.273370	1.00099700	1.855E-12
18D25740	12.0 %		2.643087	0.004640	11.663527	0.058791	0.009085	0.000045	141.110	16.275603	1.00099705	2.555E-12
18D25742	12.9 %		3.043669	0.004804	11.523363	0.057336	0.010417	0.000048	141.124	16.280068	1.00099715	3.157E-12
18D25743	13.7 %		3.006889	0.005476	11.565375	0.059888	0.010440	0.000049	141.131	16.282301	1.00099720	2.548E-12
18D25744	14.7 %		3.466614	0.006315	11.564026	0.060544	0.011971	0.000058	141.137	16.284535	1.00099725	2.790E-12
18D25746	15.7 %		3.033735	0.007841	11.716004	0.067599	0.010305	0.000064	141.152	16.289226	1.00099735	1.801E-12
18D25747	16.8 %		3.568202	0.008154	11.623456	0.066705	0.011539	0.000063	141.159	16.291461	1.00099740	2.217E-12
18D25749	18.1 %		2.929738	0.009640	11.875579	0.078444	0.010028	0.000076	141.173	16.295931	1.00099750	1.363E-12

Procedure Blanks		36Ar ± 1σ (SE) [fA]	37Ar ± 1σ (SE) [fA]	38Ar ± 1σ (SE) [fA]	39Ar ± 1σ (SE) [fA]	40Ar ± 1σ (SE) [fA]
18D25712	1.8 %	0.0165337 ± 0.0002506	0.0262113 ± 0.0195785	0.0331917 ± 0.0173195	0.0330931 ± 0.0157869	4.5600965 ± 0.0593852
18D25714	2.0 %	0.0163752 ± 0.0002506	0.0254002 ± 0.0195785	0.0384569 ± 0.0173195	0.0169986 ± 0.0157869	4.4863790 ± 0.0593852
18D25715	2.4 %	0.0163500 ± 0.0002506	0.0268807 ± 0.0195785	0.0429589 ± 0.0173195	0.0125184 ± 0.0157869	4.4642804 ± 0.0593852
18D25716	2.8 %	0.0163496 ± 0.0002506	0.0291950 ± 0.0195785	0.0482624 ± 0.0173195	0.0096634 ± 0.0157869	4.4491772 ± 0.0593852
18D25718	3.0 %	0.0164026 ± 0.0002506	0.0353664 ± 0.0195785	0.0600270 ± 0.0173195	0.0076995 ± 0.0157869	4.4361970 ± 0.0593852
18D25719	3.3 %	0.0164468 ± 0.0002506	0.0387957 ± 0.0195785	0.0659359 ± 0.0173195	0.0080778 ± 0.0157869	4.4365713 ± 0.0593852
18D25720	3.6 %	0.0164973 ± 0.0002506	0.0422031 ± 0.0195785	0.0715418 ± 0.0173195	0.0090554 ± 0.0157869	4.4404441 ± 0.0593852
18D25722	3.9 %	0.0166083 ± 0.0002506	0.0485907 ± 0.0195785	0.0814514 ± 0.0173195	0.0121739 ± 0.0157869	4.4567260 ± 0.0593852
18D25723	4.3 %	0.0166571 ± 0.0002506	0.0509905 ± 0.0195785	0.0849426 ± 0.0173195	0.0138005 ± 0.0157869	4.4669599 ± 0.0593852
18D25724	4.6 %	0.0166999 ± 0.0002506	0.0528339 ± 0.0195785	0.0874719 ± 0.0173195	0.0153187 ± 0.0157869	4.4779830 ± 0.0593852
18D25726	5.0 %	0.0167595 ± 0.0002506	0.0545609 ± 0.0195785	0.0893206 ± 0.0173195	0.0175706 ± 0.0157869	4.5003438 ± 0.0593852
18D25727	5.5 %	0.0167734 ± 0.0002506	0.0543508 ± 0.0195785	0.0885494 ± 0.0173195	0.0181268 ± 0.0157869	4.5107868 ± 0.0593852
18D25728	6.1 %	0.0167755 ± 0.0002506	0.0533968 ± 0.0195785	0.0866347 ± 0.0173195	0.0182191 ± 0.0157869	4.5202297 ± 0.0593852
18D25730	6.7 %	0.0167396 ± 0.0002506	0.0490183 ± 0.0195785	0.0790421 ± 0.0173195	0.0167633 ± 0.0157869	4.5354650 ± 0.0593852
18D25731	7.3 %	0.0167037 ± 0.0002506	0.0458799 ± 0.0195785	0.0738741 ± 0.0173195	0.0152738 ± 0.0157869	4.5400364 ± 0.0593852
18D25732	7.8 %	0.0166565 ± 0.0002506	0.0421480 ± 0.0195785	0.0678499 ± 0.0173195	0.0132998 ± 0.0157869	4.5426488 ± 0.0593852
18D25734	8.3 %	0.0165329 ± 0.0002506	0.0332811 ± 0.0195785	0.0538320 ± 0.0173195	0.0081099 ± 0.0157869	4.5416515 ± 0.0593852
18D25735	8.9 %	0.0164600 ± 0.0002506	0.0283865 ± 0.0195785	0.0462092 ± 0.0173195	0.0050516 ± 0.0157869	4.5380009 ± 0.0593852
18D25736	9.6 %	0.0163825 ± 0.0002506	0.0233790 ± 0.0195785	0.0384719 ± 0.0173195	0.0018237 ± 0.0157869	4.5323097 ± 0.0593852
18D25738	10.3 %	0.0162178 ± 0.0002506	0.0132852 ± 0.0195785	0.0230272 ± 0.0173195	0.0049004 ± 0.0157869	4.5142758 ± 0.0593852
18D25739	11.1 %	0.0161452 ± 0.0002506	0.0091111 ± 0.0195785	0.0166926 ± 0.0173195	0.0077321 ± 0.0157869	4.5032009 ± 0.0593852
18D25740	12.0 %	0.0160816 ± 0.0002506	0.0056593 ± 0.0195785	0.0114769 ± 0.0173195	0.0100667 ± 0.0157869	4.4908769 ± 0.0593852
18D25742	12.9 %	0.0159988 ± 0.0002506	0.0019685 ± 0.0195785	0.0059241 ± 0.0173195	0.0123626 ± 0.0157869	4.4638444 ± 0.0593852
18D25743	13.7 %	0.0159893 ± 0.0002506	0.0023039 ± 0.0195785	0.0064195 ± 0.0173195	0.0118311 ± 0.0157869	4.4499489 ± 0.0593852
18D25744	14.7 %	0.0160082 ± 0.0002506	0.0045107 ± 0.0195785	0.0096986 ± 0.0173195	0.0098170 ± 0.0157869	4.4364305 ± 0.0593852
18D25746	15.7 %	0.0161669 ± 0.0002506	0.0167679 ± 0.0195785	0.0278485 ± 0.0173195	0.0005899 ± 0.0157869	4.4117284 ± 0.0593852
18D25747	16.8 %	0.0163127 ± 0.0002506	0.0270202 ± 0.0195785	0.0429812 ± 0.0173195	0.0091866 ± 0.0157869	4.4030343 ± 0.0593852
18D25749	18.1 %	0.0167760 ± 0.0002506	0.0581220 ± 0.0195785	0.0887402 ± 0.0173195	0.0352720 ± 0.0157869	4.3951579 ± 0.0593852

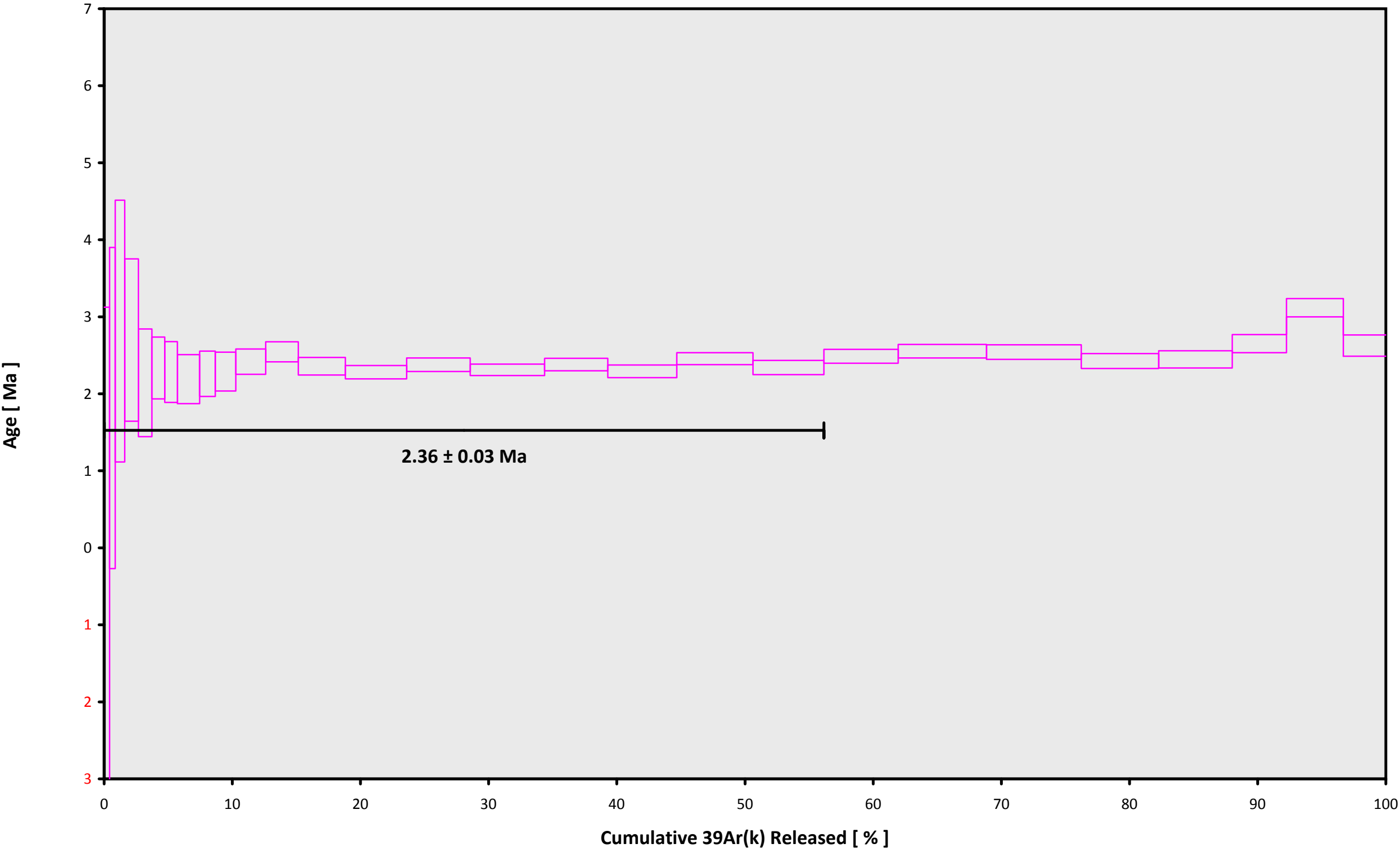
Intercept Values		36Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	37Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	38Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	39Ar ± 1σ (SE) [fA]	r2	Regression (type,n)	40Ar ± 1σ (SE) [fA]	r2	Regression (type,n)
18D25712	1.8 %	0.4537149 ± 0.0010214	0.8567	EXP 149 of 150	0.8307550 ± 0.0199967	0.0279	EXP 149 of 150	0.1032324 ± 0.0179329	0.0155	EXP 150 of 150	1.1806154 ± 0.0171376	0.0041	EXP 150 of 150	140.927956 ± 0.026940	0.9931	EXP 149 of 150
18D25714	2.0 %	0.3086460 ± 0.0007686	0.7891	EXP 150 of 150	0.9073123 ± 0.0180309	0.0408	EXP 148 of 150	0.0428162 ± 0.0178762	0.0020	EXP 150 of 150	1.2586623 ± 0.0155495	0.0001	EXP 150 of 150	95.996131 ± 0.022453	0.9964	EXP 150 of 150
18D25715	2.4 %	0.4274949 ± 0.0010554	0.8303	EXP 150 of 150	1.5784845 ± 0.0180883	0.1374	EXP 149 of 150	0.0878924 ± 0.0181427	0.0228	EXP 150 of 150	2.1419257 ± 0.0160706	0.0342	EXP 150 of 150	133.790842 ± 0.023165	0.9840	EXP 150 of 150
18D25716	2.8 %	0.3775388 ± 0.0009633	0.7966	EXP 150 of 150	2.2435199 ± 0.0178769	0.2819	EXP 149 of 150	0.0907576 ± 0.0159367	0.0046	EXP 147 of 150	3.0778471 ± 0.0161610	0.3567	EXP 150 of 150	117.972996 ± 0.022253	0.9897	EXP 149 of 150
18D25718	3.0 %	0.2425181 ± 0.0006606	0.7506	EXP 147 of 150	2.2501206 ± 0.0170920	0.2805	EXP 149 of 150	0.0241401 ± 0.0173210	0.0018	EXP 150 of 150	3.0456195 ± 0.0154217	0.4309	EXP 150 of 150	74.826471 ± 0.021064	0.9961	EXP 148 of 150
18D25719	3.3 %	0.0886145 ± 0.0004675	0.0463	EXP 148 of 150	2.1606748 ± 0.0208643	0.3281	EXP 150 of 150	0.0215121 ± 0.0179619	0.0186	EXP 150 of 150	2.8805360 ± 0.0153153	0.4605	EXP 150 of 150	26.586278 ± 0.018284	0.9987	EXP 150 of 150
18D25720	3.6 %	0.0829367 ± 0.0004626	0.1134	EXP 150 of 150	2.1097086 ± 0.0192024	0.2863	EXP 149 of 150	0.0154935 ± 0.0136012	0.0000	EXP 147 of 150	2.8594661 ± 0.0163177	0.3683	EXP 149 of 150	24.782498 ± 0.018672	0.9985	EXP 149 of 150
18D25722	3.9 %	0.1504756 ± 0.0006355	0.2448	EXP 150 of 150	3.7714655 ± 0.0216553	0.5493	EXP 150 of 150	0.0443979 ± 0.0177796	0.0005	EXP 149 of 150	5.0343579 ± 0.0153093	0.7207	EXP 150 of 150	45.373108 ± 0.019824	0.9974	EXP 150 of 150
18D25723	4.3 %	0.0670043 ± 0.0004241	0.1779	EXP 148 of 150	2.6385867 ± 0.0194492	0.3982	EXP 150 of 150	0.0277065 ± 0.0173908	0.0186	EXP 150 of 150	3.4987877 ± 0.0167135	0.5048	EXP 150 of 150	19.517469 ± 0.018754	0.9984	EXP 150 of 150
18D25724	4.6 %	0.0817379 ± 0.0005052	0.0473	EXP 150 of 150	3.4953084 ± 0.0196578	0.5591	EXP 150 of 150	0.0095835 ± 0.0191636	0.0005	EXP 150 of 150	4.6510272 ± 0.0159514	0.6949	EXP 150 of 150	23.974192 ± 0.017734	0.9984	EXP 149 of 150
18D25726	5.0 %	0.0802608 ± 0.0004559	0.0806	EXP 150 of 150	5.0478909 ± 0.0195776	0.7000	EXP 150 of 150	0.0396455 ± 0.0158311	0.0007	EXP 149 of 150	6.7300024 ± 0.0161732	0.8450	EXP 146 of 150	23.427542 ± 0.018289	0.9980	EXP 150 of 150
18D25727	5.5 %	0.0656907 ± 0.0003658	0.3744	EXP 148 of 150	5.4648500 ± 0.0184058	0.7369	EXP 150 of 150	0.0015638 ± 0.0172522	0.0248	EXP 150 of 150	7.3387374 ± 0.0163668	0.8724	EXP 150 of 150	19.145138 ± 0.018515	0.9981	EXP 147 of 150
18D25728	6.1 %	0.0856255 ± 0.0005219	0.0605	EXP 150 of 150	7.9496008 ± 0.0179881	0.8849	EXP 149 of 150	0.1348501 ± 0.0172214	0.0273	EXP 150 of 150	10.6197365 ± 0.0152472	0.9463	EXP 148 of 150	24.355272 ± 0.019243	0.9976	EXP 150 of 150
18D25730	6.7 %	0.0963949 ± 0.0004839	0.0175	EXP 150 of 150	10.4653447 ± 0.0191653	0.9208	EXP 148 of 150	0.1585688 ± 0.0193655	0.0266	EXP 150 of 150	13.8223875 ± 0.0171132	0.9608	EXP 150 of 150	26.702613 ± 0.018668	0.9975	EXP 150 of 150
18D25731	7.3 %	0.1005763 ± 0.0005252	0.0221	EXP 150 of 150	10.7279049 ± 0.0214193	0.9030	EXP 150 of 150	0.1127061 ± 0.0166212	0.0029	EXP 150 of 150	14.3322413 ± 0.0165195	0.9667	EXP 148 of 150	28.586713 ± 0.019553	0.9970	EXP 148 of 150
18D25732	7.8 %	0.1095568 ± 0.0004714	0.0793	EXP 146 of 150	12.5067473 ± 0.0199619	0.9325	EXP 149 of 150	0.1386993 ± 0.0170415	0.0053	EXP 147 of 150	16.8222693 ± 0.0165318	0.9754	EXP 150 of 150	30.752254 ± 0.017415	0.9974	EXP 150 of 150
18D25734	8.3 %	0.0887838 ± 0.0004547	0.0016	EXP 149 of 150	10.6097524 ± 0.0188456	0.9218	EXP 149 of 150	0.1320897 ± 0.0169076	0.0086	EXP 149 of 150	14.2763690 ± 0.0182148	0.9577	EXP 150 of 150	25.064682 ± 0.017384	0.9976	EXP 150 of 150
18D25735	8.9 %	0.1192655 ± 0.0004917	0.2676	EXP 150 of 150	11.4347067 ± 0.0186607	0.9340	EXP 149 of 150	0.1561333 ± 0.0162534	0.0034	EXP 150 of 150	15.5846435 ± 0.0160680	0.9729	EXP 149 of 150	34.186781 ± 0.018769	0.9964	EXP 150 of 150
18D25736	9.6 %	0.1204474 ± 0.0005166	0.1014	EXP 149 of 150	12.5836207 ± 0.0227746	0.9153	EXP 150 of 150	0.1688116 ± 0.0195735	0.0021	EXP 150 of 150	17.2186124 ± 0.0173479	0.9738	EXP 148 of 150	35.359559 ± 0.019259	0.9961	EXP 149 of 150
18D25738	10.3 %	0.1280900 ± 0.0006184	0.2380	EXP 149 of 150	11.5619282 ± 0.0196777	0.9237	EXP 150 of 150	0.1571191 ± 0.0174008	0.0057	EXP 150 of 150	16.0115274 ± 0.0168251	0.9720	EXP 150 of 150	37.467945 ± 0.017377	0.9963	EXP 150 of 150
18D25739	11.1 %	0.1435729 ± 0.0006164	0.3368	EXP 150 of 150	12.0993139 ± 0.0183215	0.9389	EXP 150 of 150	0.1497342 ± 0.0167548	0.0015	EXP 150 of 150	16.7929335 ± 0.0166723	0.9746	EXP 149 of 150	43.146997 ± 0.019046	0.9950	EXP 150 of 150
18D25740	12.0 %	0.1879075 ± 0.0006471	0.5533	EXP 149 of 150	14.0674081 ± 0.0208670	0.9436	EXP 150 of 150	0.2197360 ± 0.0164510	0.0166	EXP 150 of 150	19.9617118 ± 0.0164901	0.9831	EXP 150 of 150	57.717948 ± 0.019575	0.9922	EXP 150 of 150
18D25742	12.9 %	0.2273972 ± 0.0007294	0.6975	EXP 150 of 150	14.9126552 ± 0.0204700	0.9486	EXP 150 of 150	0.2501589 ± 0.0175122	0.0077	EXP 149 of 150	21.4201619 ± 0.0171096	0.9838	EXP 150 of 150	70.231420 ± 0.020900	0.9786	EXP 148 of 150
18D25743	13.7 %	0.1890630 ± 0.0005858	0.6470	EXP 148 of 150	12.2244479 ± 0.0202815	0.9293	EXP 150 of 150	0.1838853 ± 0.0178258	0.0010	EXP 150 of 150	17.5002227 ± 0.0147774	0.9815	EXP 150 of 150	57.527361 ± 0.020073	0.9888	EXP 150 of 150
18D25744	14.7 %	0.2045133 ± 0.0006677	0.6618	EXP 150 of 150	11.6059739 ± 0.0195680	0.9223	EXP 150 of 150	0.1885110 ± 0.0168174	0.0136	EXP 150 of 150	16.6209528 ± 0.0153465	0.9782	EXP 149 of 150	62.559326 ± 0.020551	0.9856	EXP 149 of 150
18D25746	15.7 %	0.1358617 ± 0.0005759	0.2391	EXP 150 of 150	8.6575589 ± 0.0189444	0.8899	EXP 150 of 150	0.1111972 ± 0.0168777	0.0019	EXP 150 of 150	12.2523240 ± 0.0164074	0.9549	EXP 149 of 150	41.931437 ± 0.021516	0.9924	EXP 150 of 150
18D25747	16.8 %	0.1565727 ± 0.0005766	0.4488	EXP 149 of 150	8.9781255 ± 0.0205955	0.8842	EXP 149 of 150	0.1480485 ± 0.0187108	0.0267	EXP 149 of 150	12.8140634 ± 0.0156314	0.9609	EXP 146 of 150	50.586877 ± 0.019284	0.9916	EXP 150 of 150
18D25749	18.1 %	0.1080842 ± 0.0005561	0.0548	EXP 150 of 150	6.8316359 ± 0.0218213	0.7694	EXP 150 of 150	0.0774776 ± 0.0193971	0.0004	EXP 150 of 150	9.5700279 ± 0.0162051	0.9280	EXP 150 of 150	32.799340 ± 0.020378	0.9945	EXP 148 of 150

Project Info		Analyst	Irradiation	X-pos	Y-pos	Z/H-pos	Project	Experiment	Nmb
18D25712	1.8 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25714	2.0 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25715	2.4 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25716	2.8 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25718	3.0 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25719	3.3 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25720	3.6 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25722	3.9 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25723	4.3 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25724	4.6 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25726	5.0 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25727	5.5 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25728	6.1 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25730	6.7 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25731	7.3 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25732	7.8 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25734	8.3 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25735	8.9 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25736	9.6 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25738	10.3 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25739	11.1 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25740	12.0 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25742	12.9 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25743	13.7 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25744	14.7 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25746	15.7 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25747	16.8 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	01
18D25749	18.1 %	Dan Miggins	18-OSU-04	999.00	999.00	27.76	Oregon\McCloughry (18-09)	18D25708	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
18D25712	1.8 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	13	24	1
18D25714	2.0 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	13	45	1
18D25715	2.4 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	13	55	1
18D25716	2.8 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	14	5	1
18D25718	3.0 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	14	25	1
18D25719	3.3 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	14	35	1
18D25720	3.6 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	14	45	1
18D25722	3.9 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	15	6	1
18D25723	4.3 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	15	16	1
18D25724	4.6 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	15	26	1
18D25726	5.0 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	15	46	1
18D25727	5.5 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	15	56	1
18D25728	6.1 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	16	6	1
18D25730	6.7 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	16	27	1
18D25731	7.3 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	16	37	1
18D25732	7.8 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	16	47	1
18D25734	8.3 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	17	7	1
18D25735	8.9 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	17	17	1
18D25736	9.6 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	17	27	1
18D25738	10.3 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	17	48	1
18D25739	11.1 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	17	58	1
18D25740	12.0 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	18	8	1
18D25742	12.9 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	18	28	1
18D25743	13.7 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	18	38	1
18D25744	14.7 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	18	48	1
18D25746	15.7 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	19	9	1
18D25747	16.8 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	19	19	1
18D25749	18.1 %	375-MCB-DRJ-17	Plagioclase	Bluegrass Ridge	FCT-NM (4C17-18)	28.201	0.082	Kuiper et al (2008)	9.97632	0.075	0.00157547	0.075	305.625	0.1	0.99170709	0.063	1	4.8E-14	23	OCT	2018	19	39	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
18D25712	1.8 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25714	2.0 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25715	2.4 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25716	2.8 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25718	3.0 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25719	3.3 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25720	3.6 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25722	3.9 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25723	4.3 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25724	4.6 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25726	5.0 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25727	5.5 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25728	6.1 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25730	6.7 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25731	7.3 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25732	7.8 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25734	8.3 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25735	8.9 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25736	9.6 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25738	10.3 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25739	11.1 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25740	12.0 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25742	12.9 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25743	13.7 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25744	14.7 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25746	15.7 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25747	16.8 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0
18D25749	18.1 %	295.41	0.336	0.018	35	0.1869	0	1.493	3	0.0006425	0.92	0.00018	9.63	0.0002703	0.17	0.000607	9.65	0.012077	0.09	0	0	0.43	0	0	0	0	0

18D25708.AGE >>> 375-MCB-DRJ-17 >>> OREGON | MCCLAUGHRY (18-09) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

2.36 ± 0.03

TOTAL FUSION

2.45 ± 0.03

NORMAL ISOCHRON

2.36 ± 0.04

INVERSE ISOCHRON

2.36 ± 0.04

MSWD (PROBABILITY)

1.52 (7%)

Sample Info

Plagioclase

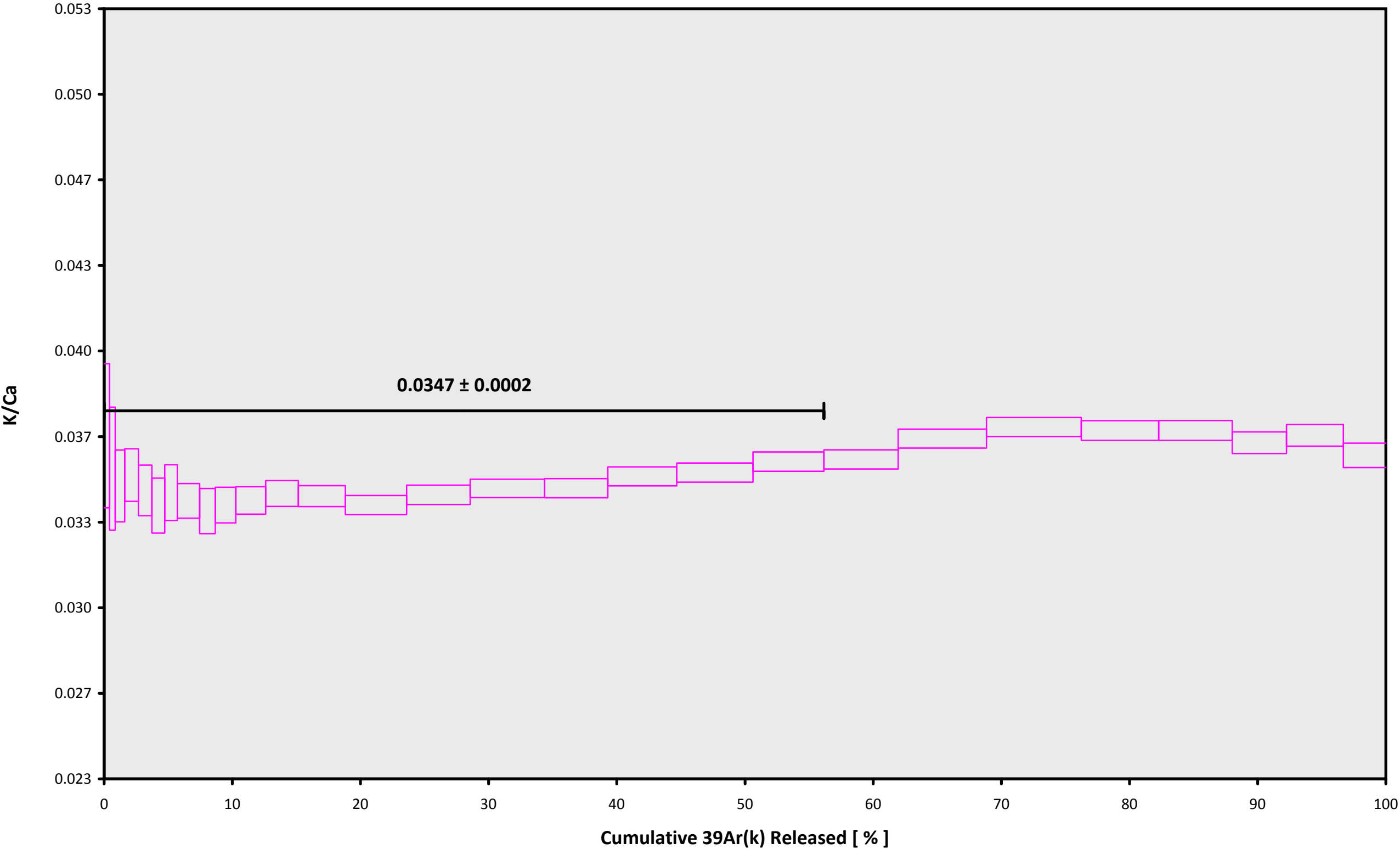
Bluegrass Ridge

Dan Miggins

IRR = 18-OSU-04 (4C17-18)

J = 0.00157547 ± 0.00000118

18D25708.AGE >>> 375-MCB-DRJ-17 >>> OREGON | MCCLAUGHRY (18-09) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

2.36 ± 0.03

TOTAL FUSION

2.45 ± 0.03

NORMAL ISOCHRON

2.36 ± 0.04

INVERSE ISOCHRON

2.36 ± 0.04

Sample Info

Plagioclase

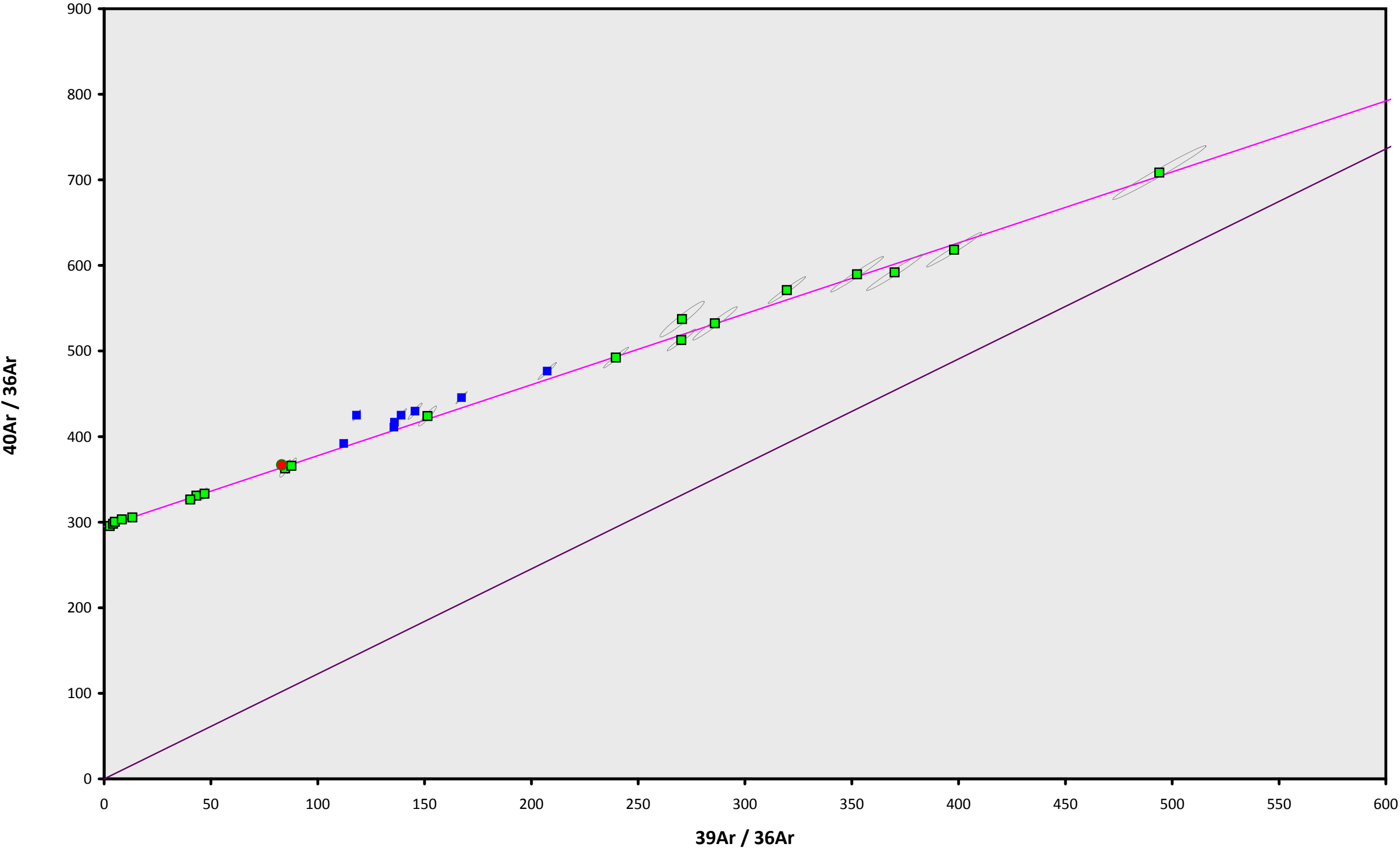
Bluegrass Ridge

Dan Miggins

IRR = 18-OSU-04 (4C17-18)

J = 0.00157547 ± 0.00000118

18D25708.AGE >>> 375-MCB-DRJ-17 >>> OREGON | MCCLAUGHRY (18-09) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

2.36 ± 0.03

TOTAL FUSION

2.45 ± 0.03

NORMAL ISOCHRON

2.36 ± 0.04

INVERSE ISOCHRON

2.36 ± 0.04

MSWD (PROBABILITY)

1.71 (3%)

40AR/36AR INTERCEPT

294.8 ± 1.3

Sample Info

Plagioclase

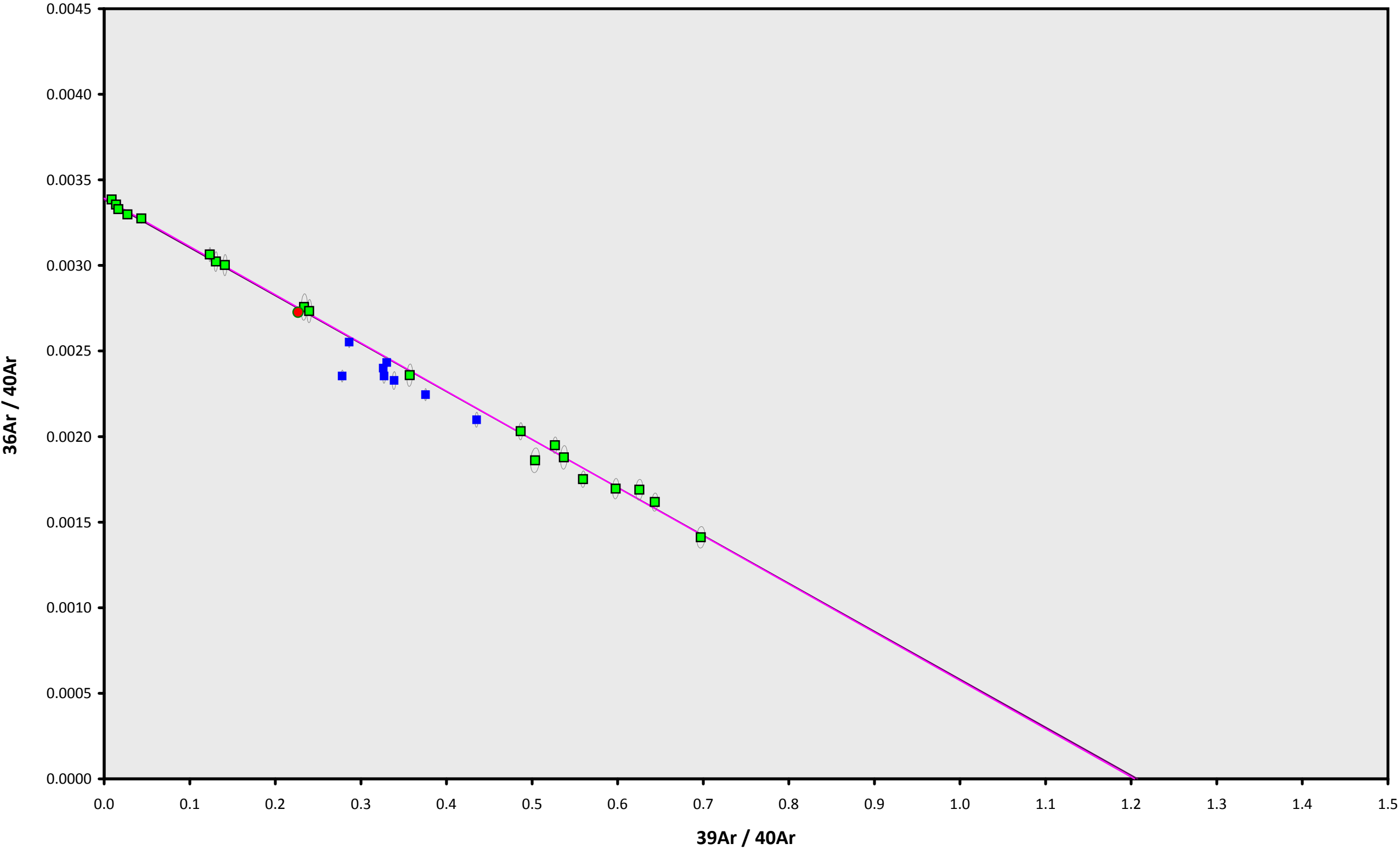
Bluegrass Ridge

Dan Miggins

IRR = 18-OSU-04 (4C17-18)

$J = 0.00157547 \pm 0.00000118$

18D25708.AGE >>> 375-MCB-DRJ-17 >>> OREGON | MCCLAUGHRY (18-09) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

2.36 ± 0.03

TOTAL FUSION

2.45 ± 0.03

NORMAL ISOCHRON

2.36 ± 0.04

INVERSE ISOCHRON

2.36 ± 0.04

MSWD (PROBABILITY)

1.76 (2%)

SPREADING FACTOR

57.2%

40AR/36AR INTERCEPT

294.8 ± 1.3

Sample Info

Plagioclase

Bluegrass Ridge

Dan Miggins

IRR = 18-OSU-04 (4C17-18)

$J = 0.00157547 \pm 0.00000118$