

| 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 |
|---------------------|--------|---|--------------|-------|--------------|-------|--------------|---------|--------------|-------|--------------|-------|-------------------|------------------|----------------|----------------|-----------------|
| 16D05209 | 1.8 % | ✓ | 0.0372767 | 1.464 | 21.0954 | 0.870 | 0.1926806 | 12.199 | 4.30168 | 0.689 | 20.29127 | 0.539 | 2.54832 ± 0.09775 | 7.86 ± 0.30 | 53.84 | 2.99 | 0.0874 ± 0.0019 |
| 16D05210 | 2.0 % | ✓ | 0.0359859 | 1.508 | 27.0047 | 0.705 | 0.1943592 | 12.111 | 4.24171 | 0.695 | 19.28418 | 0.568 | 2.54897 ± 0.09888 | 7.86 ± 0.30 | 55.83 | 2.94 | 0.0673 ± 0.0013 |
| 16D05212 | 2.2 % | ✓ | 0.0364676 | 1.480 | 35.1909 | 0.592 | 0.1590360 | 14.632 | 4.36900 | 0.674 | 19.28878 | 0.568 | 2.59360 ± 0.09606 | 8.00 ± 0.30 | 58.43 | 3.03 | 0.0531 ± 0.0010 |
| 16D05213 | 2.4 % | | 0.1705363 | 0.548 | 16.1387 | 1.127 | 0.1190744 | 18.600 | 2.04188 | 1.367 | 52.88301 | 0.207 | 1.84867 ± 0.29724 | 5.71 ± 0.92 | 7.10 | 1.41 | 0.0541 ± 0.0019 |
| 16D05214 | 2.6 % | ✓ | 0.0380918 | 1.379 | 44.0100 | 0.512 | 0.1623606 | 14.945 | 4.47854 | 0.632 | 19.32401 | 0.566 | 2.58916 ± 0.09187 | 7.99 ± 0.28 | 59.61 | 3.10 | 0.0435 ± 0.0007 |
| 16D05216 | 2.8 % | ✓ | 0.0191524 | 2.519 | 25.4628 | 0.741 | 0.0825940 | 29.787 | 2.51090 | 1.150 | 9.86279 | 1.110 | 2.48613 ± 0.15575 | 7.67 ± 0.48 | 62.86 | 1.74 | 0.0421 ± 0.0012 |
| 16D05217 | 3.0 % | ✓ | 0.0150694 | 3.274 | 21.8958 | 0.840 | 0.0690686 | 33.888 | 1.95710 | 1.484 | 7.67501 | 1.422 | 2.54313 ± 0.20292 | 7.85 ± 0.62 | 64.36 | 1.35 | 0.0381 ± 0.0013 |
| 16D05218 | 3.3 % | ✓ | 0.0186911 | 2.619 | 30.1692 | 0.660 | 0.0726538 | 32.855 | 2.43187 | 1.172 | 9.48496 | 1.152 | 2.62426 ± 0.16320 | 8.10 ± 0.50 | 66.72 | 1.68 | 0.0344 ± 0.0009 |
| 16D05220 | 3.6 % | ✓ | 0.0273455 | 1.866 | 44.2088 | 0.523 | 0.0999543 | 22.954 | 3.41770 | 0.839 | 13.08269 | 0.835 | 2.50025 ± 0.11834 | 7.71 ± 0.36 | 64.75 | 2.36 | 0.0330 ± 0.0007 |
| 16D05221 | 3.9 % | ✓ | 0.0266037 | 1.962 | 46.5373 | 0.499 | 0.0657299 | 34.562 | 3.24019 | 0.892 | 12.41207 | 0.880 | 2.55597 ± 0.12704 | 7.89 ± 0.39 | 66.08 | 2.23 | 0.0296 ± 0.0006 |
| 16D05222 | 4.3 % | ✓ | 0.0286252 | 1.803 | 52.7695 | 0.471 | 0.0821751 | 29.518 | 3.45319 | 0.834 | 13.09047 | 0.835 | 2.56698 ± 0.11866 | 7.92 ± 0.37 | 67.02 | 2.38 | 0.0278 ± 0.0005 |
| 16D05224 | 4.6 % | ✓ | 0.0344170 | 1.589 | 64.6526 | 0.437 | 0.0927654 | 25.837 | 4.00885 | 0.701 | 15.03841 | 0.728 | 2.50742 ± 0.10532 | 7.74 ± 0.32 | 66.11 | 2.76 | 0.0264 ± 0.0004 |
| 16D05225 | 4.9 % | ✓ | 0.0354493 | 1.467 | 70.6934 | 0.414 | 0.0726299 | 33.075 | 4.07470 | 0.689 | 15.08418 | 0.726 | 2.52232 ± 0.10084 | 7.78 ± 0.31 | 67.34 | 2.80 | 0.0245 ± 0.0004 |
| 16D05226 | 5.2 % | ✓ | 0.0318288 | 1.669 | 66.8228 | 0.414 | 0.0760522 | 30.688 | 3.62014 | 0.798 | 13.43726 | 0.813 | 2.59518 ± 0.11568 | 8.01 ± 0.36 | 69.05 | 2.49 | 0.0230 ± 0.0004 |
| 16D05228 | 5.5 % | ✓ | 0.0331278 | 1.621 | 69.1256 | 0.423 | 0.0683181 | 34.156 | 3.51433 | 0.815 | 13.34593 | 0.819 | 2.59078 ± 0.11994 | 7.99 ± 0.37 | 67.32 | 2.41 | 0.0216 ± 0.0004 |
| 16D05229 | 5.8 % | ✓ | 0.0320162 | 1.589 | 69.0748 | 0.419 | 0.0894415 | 28.010 | 3.42688 | 0.828 | 12.90953 | 0.848 | 2.62507 ± 0.11944 | 8.10 ± 0.37 | 68.73 | 2.35 | 0.0210 ± 0.0004 |
| 16D05230 | 6.1 % | ✓ | 0.0380130 | 1.416 | 81.8243 | 0.396 | 0.0802724 | 30.702 | 4.02640 | 0.690 | 14.98302 | 0.730 | 2.56225 ± 0.10454 | 7.91 ± 0.32 | 67.91 | 2.77 | 0.0209 ± 0.0003 |
| 16D05232 | 6.5 % | ✓ | 0.0483121 | 1.155 | 69.8792 | 0.414 | 0.0817363 | 30.026 | 3.41237 | 0.857 | 17.34844 | 0.630 | 2.54361 ± 0.12641 | 7.85 ± 0.39 | 49.34 | 2.34 | 0.0207 ± 0.0004 |
| 16D05233 | 7.0 % | ✓ | 0.0625520 | 0.988 | 98.5227 | 0.381 | 0.0869562 | 26.853 | 4.84308 | 0.595 | 23.12321 | 0.473 | 2.59069 ± 0.09542 | 7.99 ± 0.29 | 53.52 | 3.33 | 0.0208 ± 0.0003 |
| 16D05234 | 7.6 % | | 0.0689581 | 0.909 | 123.8765 | 0.367 | 0.1157200 | 19.969 | 6.07008 | 0.486 | 26.84867 | 0.407 | 2.70580 ± 0.07769 | 8.35 ± 0.24 | 60.33 | 4.17 | 0.0208 ± 0.0003 |
| 16D05236 | 8.4 % | | 0.0726386 | 0.871 | 135.3009 | 0.363 | 0.1258757 | 18.107 | 6.47761 | 0.451 | 28.24851 | 0.388 | 2.72586 ± 0.07347 | 8.41 ± 0.23 | 61.62 | 4.45 | 0.0203 ± 0.0002 |
| 16D05237 | 9.0 % | | 0.0852457 | 0.781 | 134.1725 | 0.367 | 0.1031896 | 22.821 | 6.34407 | 0.458 | 31.64812 | 0.345 | 2.71736 ± 0.07746 | 8.38 ± 0.24 | 53.69 | 4.35 | 0.0200 ± 0.0002 |
| 16D05238 | 9.7 % | | 0.0856372 | 0.816 | 135.0427 | 0.361 | 0.1228252 | 18.907 | 6.42517 | 0.454 | 32.40013 | 0.337 | 2.79418 ± 0.07924 | 8.62 ± 0.24 | 54.62 | 4.41 | 0.0202 ± 0.0002 |
| 16D05240 | 10.5 % | | 0.0627359 | 0.990 | 114.8368 | 0.371 | 0.1012960 | 22.142 | 5.56649 | 0.543 | 25.19624 | 0.436 | 2.85566 ± 0.08506 | 8.81 ± 0.26 | 62.21 | 3.82 | 0.0206 ± 0.0003 |
| 16D05241 | 11.4 % | | 0.0692009 | 0.937 | 97.9372 | 0.384 | 0.0903580 | 24.660 | 4.85106 | 0.601 | 26.15279 | 0.418 | 2.79907 ± 0.09923 | 8.63 ± 0.31 | 51.21 | 3.33 | 0.0210 ± 0.0003 |
| 16D05242 | 12.5 % | | 0.0253483 | 1.920 | 55.5569 | 0.464 | 0.0482863 | 49.168 | 2.72803 | 1.045 | 10.31647 | 1.061 | 2.67166 ± 0.14668 | 8.24 ± 0.45 | 69.68 | 1.87 | 0.0208 ± 0.0005 |
| 16D05244 | 13.1 % | | 0.0182602 | 2.750 | 41.8797 | 0.531 | 0.0205960 | 121.576 | 2.16536 | 1.303 | 8.12723 | 1.345 | 2.81636 ± 0.18863 | 8.69 ± 0.58 | 74.06 | 1.49 | 0.0219 ± 0.0006 |
| 16D05245 | 14.7 % | | 0.0254786 | 2.007 | 56.5064 | 0.459 | 0.0664768 | 36.908 | 2.88652 | 0.994 | 11.91357 | 0.918 | 3.09707 ± 0.14588 | 9.55 ± 0.45 | 74.05 | 1.98 | 0.0217 ± 0.0005 |
| 16D05246 | 15.6 % | | 0.1376195 | 0.600 | 103.1816 | 0.379 | 0.1619941 | 14.389 | 5.61575 | 0.524 | 51.71761 | 0.212 | 3.45335 ± 0.10392 | 10.65 ± 0.32 | 37.03 | 3.86 | 0.0231 ± 0.0003 |
| 16D05248 | 16.8 % | | 0.0547186 | 1.079 | 112.9850 | 0.374 | 0.1255845 | 18.841 | 5.92908 | 0.496 | 28.79800 | 0.380 | 3.67335 ± 0.08041 | 11.32 ± 0.25 | 74.66 | 4.08 | 0.0223 ± 0.0003 |
| 16D05249 | 18.5 % | | 0.1272280 | 0.631 | 160.7775 | 0.356 | 0.1622115 | 14.458 | 8.40610 | 0.347 | 52.83503 | 0.208 | 3.35775 ± 0.06834 | 10.35 ± 0.21 | 52.73 | 5.78 | 0.0222 ± 0.0002 |
| 16D05250 | 19.9 % | | 0.0613620 | 1.048 | 124.6721 | 0.366 | 0.1393148 | 17.073 | 6.44834 | 0.446 | 28.79250 | 0.380 | 3.21311 ± 0.07575 | 9.91 ± 0.23 | 71.02 | 4.43 | 0.0220 ± 0.0003 |
| 16D05252 | 21.7 % | | 0.0360466 | 1.525 | 98.8104 | 0.385 | 0.0964048 | 24.193 | 4.77812 | 0.605 | 17.15843 | 0.640 | 3.02792 ± 0.09218 | 9.34 ± 0.28 | 83.14 | 3.28 | 0.0205 ± 0.0003 |
| 16D05253 | 23.1 % | | 0.0370316 | 1.403 | 67.6858 | 0.431 | 0.0258118 | 90.132 | 3.25013 | 0.887 | 15.34775 | 0.713 | 3.03300 ± 0.13058 | 9.35 ± 0.40 | 63.33 | 2.23 | 0.0204 ± 0.0004 |

Σ 1.7370715 0.198 2518.3007 0.077 3.4538035 3.986 145.31239 0.116 717.45024 0.089

| Information on Analysis and Constants Used in Calculations | |
|---|--|
| Project = MCCLAUGHRY (15-17) Sample = 291-DFWJ-14 Material = Plagioclase Location = Dufur Region = East Europe Analyst = Dan Miggins Irradiation = 15-OSU-06 (6B32-15) Position = X: 0 Y: 0 Z/H: 42.31 mm FCT-NM Age = 28.201 ± 0.023 Ma FCT-NM Reference = Kuiper et al (2008) FCT-NM 40Ar/39Ar Ratio = 9.19150 ± 0.01250 FCT-NM J-value = 0.00170999 ± 0.00000233 Air Shot 40Ar/36Ar = 303.8400 ± 0.4497 Air Shot MDF = 0.99312897 ± 0.00068024 (LIN) Experiment Type = Incremental Heating Extraction Method = Undefined Heating = 77 sec Isolation = 3.00 min Instrument = ARGUS-VI-D Preferred Age = Undefined Age Classification = Undefined IGSN = 8.8 Rock Class = Undefined Lithology = Undefined Lat-Lon = Undefined - Undefined | Age Equations = Min et al. (2000) Negative Intensities = Allowed Collector Calibrations = 36Ar Decay 40K = 5.530 ± 0.048 E-10 1/a Decay 39Ar = 2.940 ± 0.016 E-07 1/h Decay 37Ar = 8.230 ± 0.012 E-04 1/h Decay 36Cl = 2.257 ± 0.015 E-06 1/a Decay 40K(EC,β ⁺) = 0.580 ± 0.009 E-10 1/a Decay 40K(β ⁻) = 4.950 ± 0.043 E-10 1/a Atmospheric 40/36(a) = 295.50 Atmospheric 38/36(a) = 0.1869 Production 39/37(ca) = 0.0006756 ± 0.0000089 Production 38/37(ca) = 0.0000718 ± 0.0000092 Production 36/37(ca) = 0.0002663 ± 0.0000004 Production 40/39(k) = 0.003823 ± 0.000102 Production 38/39(k) = 0.012031 ± 0.000019 Production 36/38(cl) = 262.80 ± 1.71 Scaling Ratio K/Ca = 0.430 Abundance Ratio 40K/K = 1.1700 ± 0.0100 E-04 Atomic Weight K = 39.0983 ± 0.0001 g |

| Results | 40(a)/36(a) ± 2σ | 40(r)/39(k) ± 2σ | Age ± 2σ (Ma) | MSWD | 39Ar(k) (%,n) | K/Ca ± 2σ |
|------------------|---------------------------|---|------------------------|--|---|-----------------|
| Age Plateau | | 2.56221 ± 0.02665 ± 1.04% Full External Error ± 0.20 Analytical Error ± 0.08 | 7.91 ± 0.08 ± 1.07% | 0.44 98% 1.69 1.0000 | 45.05 18 2σ Confidence Limit Error Magnification | 0.0252 ± 0.0040 |
| Total Fusion Age | | 2.79803 ± 0.01812 ± 0.65% Full External Error ± 0.20 Analytical Error ± 0.06 | 8.63 ± 0.06 ± 0.70% | | 34 0.0245 ± 0.0001 | |
| Normal Isochron | 298.33 ± 18.22 ± 6.11% | 2.54530 ± 0.10280 ± 4.04% Full External Error ± 0.36 Analytical Error ± 0.32 | 7.85 ± 0.32 ± 4.04% | 0.46 97% 1.71 1.0000 | 45.05 18 2σ Confidence Limit Error Magnification 21 Number of Iterations Convergence | |
| Inverse Isochron | 297.65 ± 18.20 ± 6.11% | 2.55099 ± 0.10225 ± 4.01% Full External Error ± 0.36 Analytical Error ± 0.31 | 7.87 ± 0.32 ± 4.01% | 0.46 97% 1.71 1.0000 0.0009439584 19% | 45.05 18 2σ Confidence Limit Error Magnification 4 Number of Iterations Convergence Spreading Factor | |

| Incremental Heating | | | 36Ar(a) [fA] | 37Ar(ca) [fA] | 38Ar(cl) [fA] | 39Ar(k) [fA] | 40Ar(r) [fA] | Age ± 2σ (Ma) | 40Ar(r) (%) | 39Ar(k) (%) | K/Ca ± 2σ |
|---------------------|--------|---|-----------------|------------------|------------------|-----------------|-----------------|------------------|----------------|----------------|-----------------|
| 16D05209 | 1.8 % | ✓ | 0.0316384 | 21.0954 | 0.1336707 | 4.28743 | 10.92574 | 7.86 ± 0.30 | 53.84 | 2.99 | 0.0874 ± 0.0019 |
| 16D05210 | 2.0 % | ✓ | 0.0287735 | 27.0047 | 0.1362300 | 4.22346 | 10.76546 | 7.86 ± 0.30 | 55.83 | 2.94 | 0.0673 ± 0.0013 |
| 16D05212 | 2.2 % | ✓ | 0.0270810 | 35.1909 | 0.0991705 | 4.34522 | 11.26975 | 8.00 ± 0.30 | 58.43 | 3.03 | 0.0531 ± 0.0010 |
| 16D05213 | 2.4 % | | 0.1662289 | 16.1387 | 0.0624128 | 2.03098 | 3.75461 | 5.71 ± 0.92 | 7.10 | 1.41 | 0.0541 ± 0.0019 |
| 16D05214 | 2.6 % | ✓ | 0.0263564 | 44.0100 | 0.1007511 | 4.44881 | 11.51870 | 7.99 ± 0.28 | 59.61 | 3.10 | 0.0435 ± 0.0007 |
| 16D05216 | 2.8 % | ✓ | 0.0123642 | 25.4628 | 0.0484532 | 2.49370 | 6.19965 | 7.67 ± 0.48 | 62.86 | 1.74 | 0.0421 ± 0.0012 |
| 16D05217 | 3.0 % | ✓ | 0.0092320 | 21.8958 | 0.0424031 | 1.94231 | 4.93954 | 7.85 ± 0.62 | 64.36 | 1.35 | 0.0381 ± 0.0013 |
| 16D05218 | 3.3 % | ✓ | 0.0106510 | 30.1692 | 0.0394845 | 2.41148 | 6.32837 | 8.10 ± 0.50 | 66.72 | 1.68 | 0.0344 ± 0.0009 |
| 16D05220 | 3.6 % | ✓ | 0.0155645 | 44.2088 | 0.0531121 | 3.38783 | 8.47043 | 7.71 ± 0.36 | 64.75 | 2.36 | 0.0330 ± 0.0007 |
| 16D05221 | 3.9 % | ✓ | 0.0142076 | 46.5373 | 0.0211287 | 3.20875 | 8.20147 | 7.89 ± 0.39 | 66.08 | 2.23 | 0.0296 ± 0.0006 |
| 16D05222 | 4.3 % | ✓ | 0.0145674 | 52.7695 | 0.0345472 | 3.41754 | 8.77275 | 7.92 ± 0.37 | 67.02 | 2.38 | 0.0278 ± 0.0005 |
| 16D05224 | 4.6 % | ✓ | 0.0171943 | 64.6526 | 0.0372047 | 3.96518 | 9.94234 | 7.74 ± 0.32 | 66.11 | 2.76 | 0.0264 ± 0.0004 |
| 16D05225 | 4.9 % | ✓ | 0.0166212 | 70.6934 | 0.0159995 | 4.02694 | 10.15722 | 7.78 ± 0.31 | 67.34 | 2.80 | 0.0245 ± 0.0004 |
| 16D05226 | 5.2 % | ✓ | 0.0140299 | 66.8228 | 0.0256214 | 3.57499 | 9.27776 | 8.01 ± 0.36 | 69.05 | 2.49 | 0.0230 ± 0.0004 |
| 16D05228 | 5.5 % | ✓ | 0.0147168 | 69.1256 | 0.0188853 | 3.46763 | 8.98387 | 7.99 ± 0.37 | 67.32 | 2.41 | 0.0216 ± 0.0004 |
| 16D05229 | 5.8 % | ✓ | 0.0136152 | 69.0748 | 0.0412699 | 3.38021 | 8.87330 | 8.10 ± 0.37 | 68.73 | 2.35 | 0.0210 ± 0.0004 |
| 16D05230 | 6.1 % | ✓ | 0.0162195 | 81.8243 | 0.0235895 | 3.97112 | 10.17498 | 7.91 ± 0.32 | 67.91 | 2.77 | 0.0209 ± 0.0003 |
| 16D05232 | 6.5 % | ✓ | 0.0296985 | 69.8792 | 0.0306821 | 3.36516 | 8.55966 | 7.85 ± 0.39 | 49.34 | 2.34 | 0.0207 ± 0.0004 |
| 16D05233 | 7.0 % | ✓ | 0.0363130 | 98.5227 | 0.0156291 | 4.77651 | 12.37446 | 7.99 ± 0.29 | 53.52 | 3.33 | 0.0208 ± 0.0003 |
| 16D05234 | 7.6 % | | 0.0359655 | 123.8765 | 0.0280815 | 5.98639 | 16.19799 | 8.35 ± 0.24 | 60.33 | 4.17 | 0.0208 ± 0.0003 |
| 16D05236 | 8.4 % | | 0.0366030 | 135.3009 | 0.0324876 | 6.38620 | 17.40791 | 8.41 ± 0.23 | 61.62 | 4.45 | 0.0203 ± 0.0002 |
| 16D05237 | 9.0 % | | 0.0495141 | 134.1725 | 0.0090669 | 6.25342 | 16.99279 | 8.38 ± 0.24 | 53.69 | 4.35 | 0.0200 ± 0.0002 |
| 16D05238 | 9.7 % | | 0.0496710 | 135.0427 | 0.0276421 | 6.33393 | 17.69812 | 8.62 ± 0.24 | 54.62 | 4.41 | 0.0202 ± 0.0002 |
| 16D05240 | 10.5 % | | 0.0321516 | 114.8368 | 0.0210045 | 5.48891 | 15.67445 | 8.81 ± 0.26 | 62.21 | 3.82 | 0.0206 ± 0.0003 |
| 16D05241 | 11.4 % | | 0.0431175 | 97.9372 | 0.0177003 | 4.78490 | 13.39327 | 8.63 ± 0.31 | 51.21 | 3.33 | 0.0210 ± 0.0003 |
| 16D05242 | 12.5 % | | 0.0105520 | 55.5569 | 0.0099558 | 2.69049 | 7.18807 | 8.24 ± 0.45 | 69.68 | 1.87 | 0.0208 ± 0.0005 |
| 16D05244 | 13.1 % | | 0.0071076 | 41.8797 | 0.0000000 | 2.13707 | 6.01875 | 8.69 ± 0.58 | 74.06 | 1.49 | 0.0219 ± 0.0006 |
| 16D05245 | 14.7 % | | 0.0104269 | 56.5064 | 0.0262024 | 2.84835 | 8.82154 | 9.55 ± 0.45 | 74.05 | 1.98 | 0.0217 ± 0.0005 |
| 16D05246 | 15.6 % | | 0.1101319 | 103.1816 | 0.0672775 | 5.54604 | 19.15244 | 10.65 ± 0.32 | 37.03 | 3.86 | 0.0231 ± 0.0003 |
| 16D05248 | 16.8 % | | 0.0246242 | 112.9850 | 0.0424555 | 5.85274 | 21.49919 | 11.32 ± 0.25 | 74.66 | 4.08 | 0.0223 ± 0.0003 |
| 16D05249 | 18.5 % | | 0.0844075 | 160.7775 | 0.0350649 | 8.29748 | 27.86089 | 10.35 ± 0.21 | 52.73 | 5.78 | 0.0222 ± 0.0002 |
| 16D05250 | 19.9 % | | 0.0281543 | 124.6721 | 0.0485347 | 6.36411 | 20.44858 | 9.91 ± 0.23 | 71.02 | 4.43 | 0.0220 ± 0.0003 |
| 16D05252 | 21.7 % | | 0.0097286 | 98.8104 | 0.0308095 | 4.71136 | 14.26561 | 9.34 ± 0.28 | 83.14 | 3.28 | 0.0205 ± 0.0003 |
| 16D05253 | 23.1 % | | 0.0190069 | 67.6858 | 0.0000000 | 3.20441 | 9.71897 | 9.35 ± 0.40 | 63.33 | 2.23 | 0.0204 ± 0.0004 |

Σ 1.0662355 2518.3007 1.3765289 143.61103 401.82862

| Information on Analysis | Results | 40(r)/39(k) ± 2σ | Age ± 2σ (Ma) | MSWD | 39Ar(k) (%,n) | K/Ca ± 2σ |
|---|------------------|---------------------------|--|-------------------------|--|-----------------|
| Project = MCCLAUGHRY (15-17) Sample = 291-DFWJ-14 Material = Plagioclase Location = Dufur Region = East Europe Analyst = Dan Miggins Irradiation = 15-OSU-06 (6B32-15) J = 0.00170999 ± 0.00000233 FCT-NM = 28.201 ± 0.023 Ma | Age Plateau | 2.56221 ± 0.02665 ± 1.04% | 7.91 ± 0.08 ± 1.07% Full External Error ± 0.20 Analytical Error ± 0.08 | 0.44 98% 1.69 1.0000 | 45.05 18 2σ Confidence Limit Error Magnification | 0.0252 ± 0.0040 |
| | Total Fusion Age | 2.79803 ± 0.01812 ± 0.65% | 8.63 ± 0.06 ± 0.70% Full External Error ± 0.20 Analytical Error ± 0.06 | | 34 | 0.0245 ± 0.0001 |

| Normal Isochron | | | 39(k)/36(a) ± 2σ | 40(a+r)/36(a) ± 2σ | r.i. |
|-----------------|--------|---|------------------|--------------------|--------|
| 16D05209 | 1.8 % | ✓ | 135.51 ± 5.06 | 640.83 ± 23.25 | 0.8867 |
| 16D05210 | 2.0 % | ✓ | 146.78 ± 5.93 | 669.64 ± 26.49 | 0.8987 |
| 16D05212 | 2.2 % | ✓ | 160.45 ± 6.79 | 711.65 ± 29.66 | 0.9115 |
| 16D05213 | 2.4 % | | 12.22 ± 0.36 | 318.09 ± 3.82 | 0.3556 |
| 16D05214 | 2.6 % | ✓ | 168.79 ± 7.11 | 732.54 ± 30.55 | 0.9174 |
| 16D05216 | 2.8 % | ✓ | 201.69 ± 16.51 | 796.92 ± 65.02 | 0.9228 |
| 16D05217 | 3.0 % | ✓ | 210.39 ± 23.46 | 830.55 ± 92.29 | 0.9312 |
| 16D05218 | 3.3 % | ✓ | 226.41 ± 21.61 | 889.66 ± 84.81 | 0.9401 |
| 16D05220 | 3.6 % | ✓ | 217.66 ± 14.85 | 839.72 ± 57.25 | 0.9391 |
| 16D05221 | 3.9 % | ✓ | 225.85 ± 17.21 | 872.76 ± 66.42 | 0.9452 |
| 16D05222 | 4.3 % | ✓ | 234.60 ± 17.24 | 897.72 ± 65.93 | 0.9478 |
| 16D05224 | 4.6 % | ✓ | 230.61 ± 15.18 | 873.74 ± 57.58 | 0.9524 |
| 16D05225 | 4.9 % | ✓ | 242.28 ± 15.72 | 906.60 ± 58.94 | 0.9519 |
| 16D05226 | 5.2 % | ✓ | 254.81 ± 19.94 | 956.78 ± 74.88 | 0.9570 |
| 16D05228 | 5.5 % | ✓ | 235.62 ± 17.83 | 905.95 ± 68.53 | 0.9526 |
| 16D05229 | 5.8 % | ✓ | 248.27 ± 19.26 | 947.22 ± 73.50 | 0.9526 |
| 16D05230 | 6.1 % | ✓ | 244.84 ± 16.84 | 922.83 ± 63.61 | 0.9568 |
| 16D05232 | 6.5 % | ✓ | 113.31 ± 4.73 | 583.72 ± 23.35 | 0.8628 |
| 16D05233 | 7.0 % | ✓ | 131.54 ± 4.82 | 636.27 ± 22.80 | 0.9105 |
| 16D05234 | 7.6 % | | 166.45 ± 6.15 | 745.88 ± 27.24 | 0.9394 |
| 16D05236 | 8.4 % | | 174.47 ± 6.38 | 771.09 ± 27.96 | 0.9457 |
| 16D05237 | 9.0 % | | 126.30 ± 3.67 | 638.69 ± 18.11 | 0.9187 |
| 16D05238 | 9.7 % | | 127.52 ± 3.84 | 651.81 ± 19.22 | 0.9268 |
| 16D05240 | 10.5 % | | 170.72 ± 6.98 | 783.02 ± 31.58 | 0.9403 |
| 16D05241 | 11.4 % | | 110.97 ± 3.64 | 606.12 ± 19.17 | 0.8956 |
| 16D05242 | 12.5 % | | 254.97 ± 24.39 | 976.71 ± 93.43 | 0.9508 |
| 16D05244 | 13.1 % | | 300.67 ± 43.53 | 1142.30 ± 165.50 | 0.9661 |
| 16D05245 | 14.7 % | | 273.17 ± 27.62 | 1141.54 ± 115.01 | 0.9635 |
| 16D05246 | 15.6 % | | 50.36 ± 0.93 | 469.40 ± 7.38 | 0.7880 |
| 16D05248 | 16.8 % | | 237.68 ± 11.88 | 1168.59 ± 57.91 | 0.9680 |
| 16D05249 | 18.5 % | | 98.30 ± 2.03 | 625.58 ± 12.43 | 0.9192 |
| 16D05250 | 19.9 % | | 226.04 ± 10.73 | 1021.80 ± 48.26 | 0.9689 |
| 16D05252 | 21.7 % | | 484.28 ± 56.09 | 1761.85 ± 204.17 | 0.9883 |
| 16D05253 | 23.1 % | | 168.59 ± 9.81 | 806.84 ± 46.11 | 0.9208 |

| Results | 40(a)/36(a) ± 2σ | 40(r)/39(k) ± 2σ | Age ± 2σ (Ma) | MSWD |
|-----------------|---|---------------------------|--|---|
| Normal Isochron | 298.33 ± 18.22 ± 6.11% | 2.54530 ± 0.10280 ± 4.04% | 7.85 ± 0.32 ± 4.04% Full External Error ± 0.36 Analytical Error ± 0.32 | 0.46 97% |
| Statistics | 2σ Confidence Limit Error Magnification Number of Data Points | 1.71 1.0000 18 | Convergence Number of Iterations Calculated Line | 0.000018974187 21 Weighted York-2 |

| Inverse Isochron | | | 39(k)/40(a+r) ± 2σ | 36(a)/40(a+r) ± 2σ | r.i. |
|------------------|--------|---|-----------------------|-------------------------|--------|
| 16D05209 | 1.8 % | ✓ | 0.2114649 ± 0.0037094 | 0.00156047 ± 0.00005663 | 0.1831 |
| 16D05210 | 2.0 % | ✓ | 0.2191952 ± 0.0039468 | 0.00149333 ± 0.00005907 | 0.1817 |
| 16D05212 | 2.2 % | ✓ | 0.2254662 ± 0.0039872 | 0.00140518 ± 0.00005856 | 0.1752 |
| 16D05213 | 2.4 % | | 0.0384108 ± 0.0010679 | 0.00314379 ± 0.00003771 | 0.0515 |
| 16D05214 | 2.6 % | ✓ | 0.2304246 ± 0.0039266 | 0.00136512 ± 0.00005693 | 0.1804 |
| 16D05216 | 2.8 % | ✓ | 0.2530834 ± 0.0081261 | 0.00125483 ± 0.00010237 | 0.1886 |
| 16D05217 | 3.0 % | ✓ | 0.2533146 ± 0.0104597 | 0.00120402 ± 0.00013380 | 0.1766 |
| 16D05218 | 3.3 % | ✓ | 0.2544902 ± 0.0084045 | 0.00112403 ± 0.00010715 | 0.1691 |
| 16D05220 | 3.6 % | ✓ | 0.2592119 ± 0.0061687 | 0.00119088 ± 0.00008119 | 0.1722 |
| 16D05221 | 3.9 % | ✓ | 0.2587739 ± 0.0065221 | 0.00114579 ± 0.00008719 | 0.1618 |
| 16D05222 | 4.3 % | ✓ | 0.2613313 ± 0.0062053 | 0.00111393 ± 0.00008181 | 0.1604 |
| 16D05224 | 4.6 % | ✓ | 0.2639360 ± 0.0053653 | 0.00114451 ± 0.00007542 | 0.1585 |
| 16D05225 | 4.9 % | ✓ | 0.2672370 ± 0.0053826 | 0.00110302 ± 0.00007171 | 0.1613 |
| 16D05226 | 5.2 % | ✓ | 0.2663214 ± 0.0061126 | 0.00104517 ± 0.00008180 | 0.1476 |
| 16D05228 | 5.5 % | ✓ | 0.2600849 ± 0.0060560 | 0.00110381 ± 0.00008350 | 0.1527 |
| 16D05229 | 5.8 % | ✓ | 0.2621009 ± 0.0062615 | 0.00105572 ± 0.00008192 | 0.1556 |
| 16D05230 | 6.1 % | ✓ | 0.2653100 ± 0.0053678 | 0.00108362 ± 0.00007469 | 0.1531 |
| 16D05232 | 6.5 % | ✓ | 0.1941185 ± 0.0041698 | 0.00171316 ± 0.00006854 | 0.1848 |
| 16D05233 | 7.0 % | ✓ | 0.2067312 ± 0.0031714 | 0.00157166 ± 0.00005632 | 0.1633 |
| 16D05234 | 7.6 % | | 0.2231580 ± 0.0028538 | 0.00134070 ± 0.00004895 | 0.1418 |
| 16D05236 | 8.4 % | | 0.2262677 ± 0.0027175 | 0.00129687 ± 0.00004702 | 0.1383 |
| 16D05237 | 9.0 % | | 0.1977416 ± 0.0022917 | 0.00156570 ± 0.00004440 | 0.1451 |
| 16D05238 | 9.7 % | | 0.1956372 ± 0.0022359 | 0.00153420 ± 0.00004523 | 0.1354 |
| 16D05240 | 10.5 % | | 0.2180280 ± 0.0030631 | 0.00127711 ± 0.00005151 | 0.1341 |
| 16D05241 | 11.4 % | | 0.1830875 ± 0.0027061 | 0.00164983 ± 0.00005218 | 0.1496 |
| 16D05242 | 12.5 % | | 0.2610561 ± 0.0078352 | 0.00102385 ± 0.00009794 | 0.1572 |
| 16D05244 | 13.1 % | | 0.2632162 ± 0.0099304 | 0.00087543 ± 0.00012684 | 0.1327 |
| 16D05245 | 14.7 % | | 0.2393029 ± 0.0065281 | 0.00087601 ± 0.00008826 | 0.1230 |
| 16D05246 | 15.6 % | | 0.1072810 ± 0.0012273 | 0.00213036 ± 0.00003348 | 0.1005 |
| 16D05248 | 16.8 % | | 0.2033924 ± 0.0025622 | 0.00085573 ± 0.00004241 | 0.0925 |
| 16D05249 | 18.5 % | | 0.1571394 ± 0.0012859 | 0.00159853 ± 0.00003176 | 0.1066 |
| 16D05250 | 19.9 % | | 0.2212206 ± 0.0026122 | 0.00097866 ± 0.00004623 | 0.1036 |
| 16D05252 | 21.7 % | | 0.2748686 ± 0.0048803 | 0.00056758 ± 0.00006577 | 0.0799 |
| 16D05253 | 23.1 % | | 0.2089535 ± 0.0047996 | 0.00123940 ± 0.00007083 | 0.1551 |

| Results | 40(a)/36(a) ± 2σ | 40(r)/39(k) ± 2σ | Age ± 2σ (Ma) | MSWD |
|------------------|---|-------------------------------|--|--------------------------------------|
| Inverse Isochron | 297.65 ± 18.20 ± 6.11% | 2.55099 ± 0.10225 ± 4.01% | 7.87 ± 0.32 ± 4.01% Full External Error ± 0.36 Analytical Error ± 0.31 | 0.46 97% |
| Statistics | 2σ Confidence Limit Error Magnification Number of Data Points Spreading Factor | 1.71 1.0000 18 18.7% | Convergence Number of Iterations Calculated Line | 0.0009439584 4 Weighted York-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 |
|--------------------|--------|---|-----------------|------|-----------------|------|------------------|------|------------------|--------|------------------|------|-----------------|------|-----------------|------|-----------------|------|------------------|-------|------------------|--------|-----------------|------|------------------|------|-----------------|------|-----------------|------|-----------------|------|-----------------|------|
| 16D05209 | 1.8 % | ✓ | 0.0316384 | 1.73 | 0.0000000 | 0.00 | 0.0056177 | 0.88 | 0.0000206 | 17.61 | 21.0954 | 0.87 | 0.0059132 | 1.73 | 0.0000000 | 0.00 | 0.0515820 | 0.71 | 0.0015146 | 12.85 | 0.1336707 | 17.64 | 4.28743 | 0.69 | 0.0142521 | 1.58 | 10.92574 | 1.79 | 9.34914 | 1.73 | 0.0000000 | 0.00 | 0.0163908 | 2.75 |
| 16D05210 | 2.0 % | ✓ | 0.0287735 | 1.89 | 0.0000000 | 0.00 | 0.0071913 | 0.72 | 0.0000210 | 17.31 | 27.0047 | 0.70 | 0.0053778 | 1.89 | 0.0000000 | 0.00 | 0.0508125 | 0.72 | 0.0019389 | 12.84 | 0.1362300 | 17.33 | 4.22346 | 0.70 | 0.0182444 | 1.50 | 10.76546 | 1.81 | 8.50258 | 1.89 | 0.0000000 | 0.00 | 0.0161463 | 2.75 |
| 16D05212 | 2.2 % | ✓ | 0.0270810 | 2.00 | 0.0000000 | 0.00 | 0.0093713 | 0.61 | 0.0000153 | 23.49 | 35.1909 | 0.59 | 0.0050614 | 2.00 | 0.0000000 | 0.00 | 0.0522774 | 0.70 | 0.0025267 | 12.83 | 0.0991705 | 23.51 | 4.34522 | 0.68 | 0.0237749 | 1.45 | 11.26975 | 1.72 | 8.00242 | 2.00 | 0.0000000 | 0.00 | 0.0166118 | 2.74 |
| 16D05213 | 2.4 % | | 0.1662289 | 0.56 | 0.0000000 | 0.00 | 0.0042977 | 1.14 | 0.0000096 | 35.50 | 16.1387 | 1.13 | 0.0310682 | 0.56 | 0.0000000 | 0.00 | 0.0244347 | 1.38 | 0.0011588 | 12.87 | 0.0624128 | 35.52 | 2.03098 | 1.37 | 0.0109033 | 1.74 | 3.75461 | 7.92 | 49.12064 | 0.56 | 0.0000000 | 0.00 | 0.0077644 | 2.99 |
| 16D05214 | 2.6 % | ✓ | 0.0263564 | 2.01 | 0.0000000 | 0.00 | 0.0117199 | 0.53 | 0.0000155 | 24.11 | 44.0100 | 0.51 | 0.0049260 | 2.01 | 0.0000000 | 0.00 | 0.0535236 | 0.66 | 0.0031599 | 12.83 | 0.1007511 | 24.13 | 4.44881 | 0.64 | 0.0297332 | 1.42 | 11.51870 | 1.66 | 7.78831 | 2.01 | 0.0000000 | 0.00 | 0.0170078 | 2.74 |
| 16D05216 | 2.8 % | ✓ | 0.0123642 | 3.92 | 0.0000000 | 0.00 | 0.0067807 | 0.76 | 0.0000075 | 50.79 | 25.4628 | 0.74 | 0.0023109 | 3.92 | 0.0000000 | 0.00 | 0.0300017 | 1.17 | 0.0018282 | 12.84 | 0.0484532 | 50.80 | 2.49370 | 1.16 | 0.0172026 | 1.51 | 6.19965 | 2.91 | 3.65361 | 3.92 | 0.0000000 | 0.00 | 0.0095334 | 2.90 |
| 16D05217 | 3.0 % | ✓ | 0.0092320 | 5.37 | 0.0000000 | 0.00 | 0.0058309 | 0.85 | 0.0000065 | 55.22 | 21.8958 | 0.84 | 0.0017255 | 5.37 | 0.0000000 | 0.00 | 0.0233679 | 1.50 | 0.0015721 | 12.85 | 0.0424031 | 55.22 | 1.94231 | 1.50 | 0.0147928 | 1.56 | 4.93954 | 3.70 | 2.72804 | 5.37 | 0.0000000 | 0.00 | 0.0074255 | 3.05 |
| 16D05218 | 3.3 % | ✓ | 0.0106510 | 4.62 | 0.0000000 | 0.00 | 0.0080341 | 0.68 | 0.0000061 | 60.47 | 30.1692 | 0.66 | 0.0019907 | 4.62 | 0.0000000 | 0.00 | 0.0290125 | 1.19 | 0.0021661 | 12.84 | 0.0394845 | 60.48 | 2.41148 | 1.18 | 0.0203823 | 1.48 | 6.32837 | 2.88 | 3.14737 | 4.62 | 0.0000000 | 0.00 | 0.0092191 | 2.91 |
| 16D05220 | 3.6 % | ✓ | 0.0155645 | 3.30 | 0.0000000 | 0.00 | 0.0117728 | 0.54 | 0.0000082 | 43.22 | 44.2088 | 0.52 | 0.0029090 | 3.30 | 0.0000000 | 0.00 | 0.0407590 | 0.86 | 0.0031742 | 12.83 | 0.0531121 | 43.23 | 3.38783 | 0.85 | 0.0298674 | 1.42 | 8.47043 | 2.21 | 4.59930 | 3.30 | 0.0000000 | 0.00 | 0.0129517 | 2.79 |
| 16D05221 | 3.9 % | ✓ | 0.0142076 | 3.70 | 0.0000000 | 0.00 | 0.0123929 | 0.52 | 0.0000033 | 107.56 | 46.5373 | 0.50 | 0.0026554 | 3.70 | 0.0000000 | 0.00 | 0.0386044 | 0.92 | 0.0033414 | 12.83 | 0.0211287 | 107.56 | 3.20875 | 0.90 | 0.0314406 | 1.41 | 8.20147 | 2.32 | 4.19834 | 3.70 | 0.0000000 | 0.00 | 0.0122670 | 2.81 |
| 16D05222 | 4.3 % | ✓ | 0.0145674 | 3.58 | 0.0000000 | 0.00 | 0.0140525 | 0.49 | 0.0000053 | 70.24 | 52.7695 | 0.47 | 0.0027226 | 3.58 | 0.0000000 | 0.00 | 0.0411164 | 0.86 | 0.0037889 | 12.83 | 0.0345472 | 70.25 | 3.41754 | 0.84 | 0.0356511 | 1.40 | 8.77275 | 2.15 | 4.30466 | 3.58 | 0.0000000 | 0.00 | 0.0130652 | 2.79 |
| 16D05224 | 4.6 % | ✓ | 0.0171943 | 3.21 | 0.0000000 | 0.00 | 0.0172170 | 0.46 | 0.0000057 | 64.46 | 64.6526 | 0.44 | 0.0032136 | 3.21 | 0.0000000 | 0.00 | 0.0477050 | 0.73 | 0.0046421 | 12.83 | 0.0372047 | 64.46 | 3.96518 | 0.71 | 0.0436793 | 1.39 | 9.94234 | 1.98 | 5.08090 | 3.21 | 0.0000000 | 0.00 | 0.0151589 | 2.75 |
| 16D05225 | 4.9 % | ✓ | 0.0166212 | 3.17 | 0.0000000 | 0.00 | 0.0188256 | 0.44 | 0.0000025 | 150.22 | 70.6934 | 0.41 | 0.0031065 | 3.17 | 0.0000000 | 0.00 | 0.0484481 | 0.72 | 0.0050758 | 12.83 | 0.0159995 | 150.23 | 4.02694 | 0.70 | 0.0477604 | 1.38 | 10.15722 | 1.87 | 4.91157 | 3.17 | 0.0000000 | 0.00 | 0.0153950 | 2.75 |
| 16D05226 | 5.2 % | ✓ | 0.0140299 | 3.83 | 0.0000000 | 0.00 | 0.0177949 | 0.44 | 0.0000040 | 91.14 | 66.8228 | 0.41 | 0.0026222 | 3.83 | 0.0000000 | 0.00 | 0.0430107 | 0.82 | 0.0047979 | 12.83 | 0.0256214 | 91.15 | 3.57499 | 0.81 | 0.0451455 | 1.38 | 9.27776 | 2.08 | 4.14583 | 3.83 | 0.0000000 | 0.00 | 0.0136672 | 2.78 |
| 16D05228 | 5.5 % | ✓ | 0.0147168 | 3.69 | 0.0000000 | 0.00 | 0.0184081 | 0.45 | 0.0000029 | 123.63 | 69.1256 | 0.42 | 0.0027506 | 3.69 | 0.0000000 | 0.00 | 0.0417190 | 0.84 | 0.0049632 | 12.83 | 0.0188853 | 123.63 | 3.46763 | 0.83 | 0.0467012 | 1.39 | 8.98387 | 2.16 | 4.34880 | 3.69 | 0.0000000 | 0.00 | 0.0132567 | 2.79 |
| 16D05229 | 5.8 % | ✓ | 0.0136152 | 3.79 | 0.0000000 | 0.00 | 0.0183946 | 0.45 | 0.0000064 | 60.74 | 69.0748 | 0.42 | 0.0025447 | 3.79 | 0.0000000 | 0.00 | 0.0406673 | 0.86 | 0.0049596 | 12.83 | 0.0412699 | 60.75 | 3.38021 | 0.84 | 0.0466670 | 1.39 | 8.87330 | 2.11 | 4.02330 | 3.79 | 0.0000000 | 0.00 | 0.0129225 | 2.79 |
| 16D05230 | 6.1 % | ✓ | 0.0162195 | 3.37 | 0.0000000 | 0.00 | 0.0217898 | 0.42 | 0.0000036 | 104.54 | 81.8243 | 0.40 | 0.0030314 | 3.37 | 0.0000000 | 0.00 | 0.0477765 | 0.72 | 0.0058750 | 12.83 | 0.0235895 | 104.55 | 3.97112 | 0.70 | 0.0552805 | 1.38 | 10.17498 | 1.92 | 4.79286 | 3.37 | 0.0000000 | 0.00 | 0.0151816 | 2.75 |
| 16D05232 | 6.5 % | ✓ | 0.0296985 | 1.90 | 0.0000000 | 0.00 | 0.0186088 | 0.44 | 0.0000047 | 80.03 | 69.8792 | 0.41 | 0.0055507 | 1.90 | 0.0000000 | 0.00 | 0.0404862 | 0.88 | 0.0050173 | 12.83 | 0.0306821 | 80.04 | 3.36516 | 0.87 | 0.0472104 | 1.38 | 8.55966 | 2.33 | 8.77592 | 1.90 | 0.0000000 | 0.00 | 0.0128650 | 2.80 |
| 16D05233 | 7.0 % | ✓ | 0.0363130 | 1.73 | 0.0000000 | 0.00 | 0.0262366 | 0.41 | 0.0000024 | 149.54 | 98.5227 | 0.38 | 0.0067869 | 1.73 | 0.0000000 | 0.00 | 0.0574662 | 0.62 | 0.0070739 | 12.83 | 0.0156291 | 149.54 | 4.77651 | 0.60 | 0.0665619 | 1.37 | 12.37446 | 1.74 | 10.73050 | 1.73 | 0.0000000 | 0.00 | 0.0182606 | 2.73 |
| 16D05234 | 7.6 % | | 0.0359655 | 1.78 | 0.0000000 | 0.00 | 0.0329883 | 0.40 | 0.0000043 | 82.41 | 123.8765 | 0.37 | 0.0067219 | 1.78 | 0.0000000 | 0.00 | 0.0720222 | 0.52 | 0.0088943 | 12.83 | 0.0280815 | 82.42 | 5.98639 | 0.49 | 0.0836910 | 1.37 | 16.19799 | 1.35 | 10.62779 | 1.78 | 0.0000000 | 0.00 | 0.0228860 | 2.71 |
| 16D05236 | 8.4 % | | 0.0366030 | 1.77 | 0.0000000 | 0.00 | 0.0360306 | 0.39 | 0.0000050 | 70.28 | 135.3009 | 0.36 | 0.0068411 | 1.77 | 0.0000000 | 0.00 | 0.0768324 | 0.49 | 0.0097146 | 12.83 | 0.0324876 | 70.29 | 6.38620 | 0.46 | 0.0914093 | 1.37 | 17.40791 | 1.27 | 10.81618 | 1.77 | 0.0000000 | 0.00 | 0.0244144 | 2.70 |
| 16D05237 | 9.0 % | | 0.0495141 | 1.38 | 0.0000000 | 0.00 | 0.0357301 | 0.40 | 0.0000014 | 260.13 | 134.1725 | 0.37 | 0.0092542 | 1.38 | 0.0000000 | 0.00 | 0.0752349 | 0.49 | 0.0096336 | 12.83 | 0.0090669 | 260.13 | 6.25342 | 0.47 | 0.0906469 | 1.37 | 16.99279 | 1.35 | 14.63142 | 1.38 | 0.0000000 | 0.00 | 0.0239068 | 2.70 |
| 16D05238 | 9.7 % | | 0.0496710 | 1.44 | 0.0000000 | 0.00 | 0.0359619 | 0.39 | 0.0000043 | 84.15 | 135.0427 | 0.36 | 0.0092835 | 1.44 | 0.0000000 | 0.00 | 0.0762036 | 0.49 | 0.0096961 | 12.83 | 0.0276421 | 84.16 | 6.33393 | 0.46 | 0.0912349 | 1.37 | 17.69812 | 1.34 | 14.67779 | 1.44 | 0.0000000 | 0.00 | 0.0242146 | 2.70 |
| 16D05240 | 10.5 % | | 0.0321516 | 1.97 | 0.0000000 | 0.00 | 0.0305810 | 0.40 | 0.0000032 | 106.93 | 114.8368 | 0.37 | 0.0060091 | 1.97 | 0.0000000 | 0.00 | 0.0660371 | 0.57 | 0.0082453 | 12.83 | 0.0210045 | 106.93 | 5.48891 | 0.55 | 0.0775838 | 1.37 | 15.67445 | 1.38 | 9.50080 | 1.97 | 0.0000000 | 0.00 | 0.0209841 | 2.72 |
| 16D05241 | 11.4 % | | 0.0431175 | 1.53 | 0.0000000 | 0.00 | 0.0260807 | 0.41 | 0.0000027 | 126.02 | 97.9372 | 0.38 | 0.0080587 | 1.53 | 0.0000000 | 0.00 | 0.0575671 | 0.63 | 0.0070319 | 12.83 | 0.0177003 | 126.02 | 4.78490 | 0.61 | 0.0661664 | 1.37 | 13.39327 | 1.66 | 12.74122 | 1.53 | 0.0000000 | 0.00 | 0.0182927 | 2.73 |
| 16D05242 | 12.5 % | | 0.0105520 | 4.66 | 0.0000000 | 0.00 | 0.0147948 | 0.49 | 0.0000015 | 238.56 | 55.5569 | 0.46 | 0.0019722 | 4.66 | 0.0000000 | 0.00 | 0.0323693 | 1.07 | 0.0039890 | 12.83 | 0.0099558 | 238.56 | 2.69049 | 1.06 | 0.0375342 | 1.40 | 7.18807 | 2.53 | 3.11811 | 4.66 | 0.0000000 | 0.00 | 0.0102857 | 2.86 |
| 16D05244 | 13.1 % | | 0.0071076 | 7.12 | 0.0000000 | 0.00 | 0.0111526 | 0.55 | 0.0000000 | 0.00 | 41.8797 | 0.53 | 0.0013284 | 7.12 | 0.0000000 | 0.00 | 0.0257111 | 1.33 | 0.0030070 | 12.83 | 0.0000000 | 0.00 | 2.13707 | 1.32 | 0.0282939 | 1.42 | 6.01875 | 3.08 | 2.10031 | 7.12 | 0.0000000 | 0.00 | 0.0081700 | 2.97 |
| 16D05245 | 14.7 % | | 0.0104269 | 4.95 | 0.0000000 | 0.00 | 0.0150477 | 0.48 | 0.0000040 | 93.68 | 56.5064 | 0.46 | 0.0019488 | 4.95 | 0.0000000 | 0.00 | 0.0342685 | 1.02 | 0.0040572 | 12.83 | 0.0262024 | 93.68 | 2.84835 | 1.01 | 0.0381757 | 1.40 | 8.82154 | 2.13 | 3.08114 | 4.95 | 0.0000000 | 0.00 | 0.0108892 | 2.84 |
| 16D05246 | 15.6 % | | 0.1101319 | 0.76 | 0.0000000 | 0.00 | 0.0274773 | 0.41 | 0.0000104 | 34.69 | 103.1816 | 0.38 | 0.0205836 | 0.76 | 0.0000000 | 0.00 | 0.0667245 | 0.55 | 0.0074084 | 12.83 | 0.0672775 | 34.71 | 5.54604 | 0.53 | 0.0697095 | 1.37 | 19.15244 | 1.41 | 32.54396 | 0.76 | 0.0000000 | 0.00 | 0.0212025 | 2.71 |
| 16D05248 | 16.8 % | | 0.0246242 | 2.45 | 0.0000000 | 0.00 | 0.0300879 | 0.40 | 0.0000066 | 55.80 | 112.9850 | 0.37 | 0.0046023 | 2.45 | 0.0000000 | 0.00 | 0.0704144 | 0.53 | 0.0081123 | 12.83 | 0.0424555 | 55.81 | 5.85274 | 0.50 | 0.0763327 | 1.37 | 21.49919 | 0.97 | 7.27644 | 2.45 | 0.0000000 | 0.00 | 0.0223750 | 2.71 |
| 16D05249 | 18.5 % | | 0.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Additional Parameters | | | 40Ar/39Ar | 1σ | 37Ar/39Ar | 1σ | 36Ar/39Ar | 1σ | Time (days) | 37Ar (decay) | 39Ar (decay) | 40Ar (moles) |
|--------------------------|--------|---|-----------|----------|-----------|----------|-----------|----------|----------------|-----------------|-----------------|-----------------|
| 16D05209 | 1.8 % | ✓ | 4.717059 | 0.041273 | 4.903993 | 0.054412 | 0.008666 | 0.000140 | 94.955 | 6.540518 | 1.00067111 | 9.740E-13 |
| 16D05210 | 2.0 % | ✓ | 4.546327 | 0.040810 | 6.366467 | 0.063015 | 0.008484 | 0.000141 | 94.962 | 6.541415 | 1.00067116 | 9.256E-13 |
| 16D05212 | 2.2 % | ✓ | 4.414922 | 0.038897 | 8.054677 | 0.072260 | 0.008347 | 0.000136 | 94.976 | 6.543210 | 1.00067126 | 9.259E-13 |
| 16D05213 | 2.4 % | | 25.899153 | 0.358125 | 7.903859 | 0.140034 | 0.083519 | 0.001230 | 94.983 | 6.544108 | 1.00067130 | 2.538E-12 |
| 16D05214 | 2.6 % | ✓ | 4.314799 | 0.036610 | 9.826865 | 0.079976 | 0.008505 | 0.000129 | 94.990 | 6.545005 | 1.00067135 | 9.276E-13 |
| 16D05216 | 2.8 % | ✓ | 3.927993 | 0.062805 | 10.140891 | 0.138795 | 0.007628 | 0.000211 | 95.001 | 6.546532 | 1.00067144 | 4.734E-13 |
| 16D05217 | 3.0 % | ✓ | 3.921616 | 0.080605 | 11.187864 | 0.190793 | 0.007700 | 0.000277 | 95.007 | 6.547250 | 1.00067148 | 3.684E-13 |
| 16D05218 | 3.3 % | ✓ | 3.900281 | 0.064094 | 12.405779 | 0.166797 | 0.007686 | 0.000221 | 95.013 | 6.548059 | 1.00067152 | 4.553E-13 |
| 16D05220 | 3.6 % | ✓ | 3.827924 | 0.045322 | 12.935250 | 0.127948 | 0.008001 | 0.000164 | 95.025 | 6.549586 | 1.00067160 | 6.280E-13 |
| 16D05221 | 3.9 % | ✓ | 3.830666 | 0.048008 | 14.362545 | 0.146821 | 0.008211 | 0.000177 | 95.031 | 6.550304 | 1.00067164 | 5.958E-13 |
| 16D05222 | 4.3 % | ✓ | 3.790839 | 0.044747 | 15.281399 | 0.146337 | 0.008290 | 0.000165 | 95.037 | 6.551113 | 1.00067169 | 6.283E-13 |
| 16D05224 | 4.6 % | ✓ | 3.751297 | 0.037903 | 16.127438 | 0.133190 | 0.008585 | 0.000149 | 95.049 | 6.552641 | 1.00067177 | 7.218E-13 |
| 16D05225 | 4.9 % | ✓ | 3.701915 | 0.037048 | 17.349350 | 0.139458 | 0.008700 | 0.000141 | 95.054 | 6.553360 | 1.00067181 | 7.240E-13 |
| 16D05226 | 5.2 % | ✓ | 3.711812 | 0.042307 | 18.458641 | 0.166046 | 0.008792 | 0.000163 | 95.060 | 6.554169 | 1.00067185 | 6.450E-13 |
| 16D05228 | 5.5 % | ✓ | 3.797576 | 0.043890 | 19.669649 | 0.180711 | 0.009427 | 0.000171 | 95.072 | 6.555697 | 1.00067194 | 6.406E-13 |
| 16D05229 | 5.8 % | ✓ | 3.767139 | 0.044667 | 20.156781 | 0.187163 | 0.009343 | 0.000167 | 95.078 | 6.556417 | 1.00067198 | 6.197E-13 |
| 16D05230 | 6.1 % | ✓ | 3.721197 | 0.037371 | 20.321974 | 0.161677 | 0.009441 | 0.000149 | 95.084 | 6.557226 | 1.00067202 | 7.192E-13 |
| 16D05232 | 6.5 % | ✓ | 5.083991 | 0.054087 | 20.478234 | 0.195033 | 0.014158 | 0.000204 | 95.096 | 6.558756 | 1.00067210 | 8.327E-13 |
| 16D05233 | 7.0 % | ✓ | 4.774489 | 0.036289 | 20.343007 | 0.143680 | 0.012916 | 0.000149 | 95.101 | 6.559475 | 1.00067214 | 1.110E-12 |
| 16D05234 | 7.6 % | | 4.423117 | 0.028028 | 20.407728 | 0.124294 | 0.011360 | 0.000117 | 95.108 | 6.560285 | 1.00067219 | 1.289E-12 |
| 16D05236 | 8.4 % | | 4.360947 | 0.025950 | 20.887475 | 0.120960 | 0.011214 | 0.000110 | 95.119 | 6.561815 | 1.00067227 | 1.356E-12 |
| 16D05237 | 9.0 % | | 4.988616 | 0.028617 | 21.149288 | 0.124202 | 0.013437 | 0.000122 | 95.125 | 6.562535 | 1.00067231 | 1.519E-12 |
| 16D05238 | 9.7 % | | 5.042690 | 0.028526 | 21.017772 | 0.121913 | 0.013328 | 0.000124 | 95.131 | 6.563255 | 1.00067235 | 1.555E-12 |
| 16D05240 | 10.5 % | | 4.526411 | 0.031502 | 20.630009 | 0.135629 | 0.011270 | 0.000127 | 95.142 | 6.564786 | 1.00067243 | 1.209E-12 |
| 16D05241 | 11.4 % | | 5.391144 | 0.039451 | 20.188805 | 0.143908 | 0.014265 | 0.000159 | 95.149 | 6.565596 | 1.00067248 | 1.255E-12 |
| 16D05242 | 12.5 % | | 3.781660 | 0.056329 | 20.365237 | 0.232912 | 0.009292 | 0.000203 | 95.154 | 6.566317 | 1.00067252 | 4.952E-13 |
| 16D05244 | 13.1 % | | 3.753289 | 0.070308 | 19.340751 | 0.272196 | 0.008433 | 0.000257 | 95.166 | 6.567848 | 1.00067260 | 3.901E-13 |
| 16D05245 | 14.7 % | | 4.127309 | 0.055862 | 19.575942 | 0.214313 | 0.008827 | 0.000198 | 95.172 | 6.568659 | 1.00067264 | 5.719E-13 |
| 16D05246 | 15.6 % | | 9.209380 | 0.052090 | 18.373607 | 0.118881 | 0.024506 | 0.000195 | 95.178 | 6.569380 | 1.00067268 | 2.482E-12 |
| 16D05248 | 16.8 % | | 4.857081 | 0.030322 | 19.056088 | 0.118332 | 0.009229 | 0.000110 | 95.190 | 6.570912 | 1.00067277 | 1.382E-12 |
| 16D05249 | 18.5 % | | 6.285320 | 0.025442 | 19.126295 | 0.095165 | 0.015135 | 0.000109 | 95.195 | 6.571633 | 1.00067281 | 2.536E-12 |
| 16D05250 | 19.9 % | | 4.465103 | 0.026139 | 19.333987 | 0.111433 | 0.009516 | 0.000108 | 95.201 | 6.572444 | 1.00067285 | 1.382E-12 |
| 16D05252 | 21.7 % | | 3.591043 | 0.031642 | 20.679780 | 0.148358 | 0.007544 | 0.000124 | 95.213 | 6.573977 | 1.00067293 | 8.236E-13 |
| 16D05253 | 23.1 % | | 4.722189 | 0.053741 | 20.825532 | 0.205393 | 0.011394 | 0.000189 | 95.219 | 6.574699 | 1.00067297 | 7.367E-13 |

| Procedure Blanks | | 36Ar ± 1σ (SE) [fA] | 37Ar ± 1σ (SE) [fA] | 38Ar ± 1σ (SE) [fA] | 39Ar ± 1σ (SE) [fA] | 40Ar ± 1σ (SE) [fA] |
|---------------------|--------|------------------------|------------------------|------------------------|------------------------|------------------------|
| 16D05209 | 1.8 % | 0.0058692 ± 0.0003844 | 0.0016342 ± 0.0178263 | 0.0764173 ± 0.0165041 | 0.0319098 ± 0.0238109 | 1.6004064 ± 0.1078884 |
| 16D05210 | 2.0 % | 0.0054703 ± 0.0003844 | 0.0057784 ± 0.0178263 | 0.0736739 ± 0.0165041 | 0.0325596 ± 0.0238109 | 1.4967887 ± 0.1078884 |
| 16D05212 | 2.2 % | 0.0048144 ± 0.0003844 | 0.0119551 ± 0.0178263 | 0.0686659 ± 0.0165041 | 0.0331043 ± 0.0238109 | 1.3287755 ± 0.1078884 |
| 16D05213 | 2.4 % | 0.0045503 ± 0.0003844 | 0.0141735 ± 0.0178263 | 0.0664013 ± 0.0165041 | 0.0330335 ± 0.0238109 | 1.2621319 ± 0.1078884 |
| 16D05214 | 2.6 % | 0.0043243 ± 0.0003844 | 0.0159248 ± 0.0178263 | 0.0642963 ± 0.0165041 | 0.0327570 ± 0.0238109 | 1.2056478 ± 0.1078884 |
| 16D05216 | 2.8 % | 0.0040179 ± 0.0003844 | 0.0180433 ± 0.0178263 | 0.0610841 ± 0.0165041 | 0.0318635 ± 0.0238109 | 1.1301370 ± 0.1078884 |
| 16D05217 | 3.0 % | 0.0039042 ± 0.0003844 | 0.0187453 ± 0.0178263 | 0.0597321 ± 0.0165041 | 0.0312788 ± 0.0238109 | 1.1024501 ± 0.1078884 |
| 16D05218 | 3.3 % | 0.0037969 ± 0.0003844 | 0.0193621 ± 0.0178263 | 0.0583332 ± 0.0165041 | 0.0305104 ± 0.0238109 | 1.0765429 ± 0.1078884 |
| 16D05220 | 3.6 % | 0.0036472 ± 0.0003844 | 0.0201587 ± 0.0178263 | 0.0560436 ± 0.0165041 | 0.0287834 ± 0.0238109 | 1.0407028 ± 0.1078884 |
| 16D05221 | 3.9 % | 0.0035977 ± 0.0003844 | 0.0204183 ± 0.0178263 | 0.0551258 ± 0.0165041 | 0.0278658 ± 0.0238109 | 1.0288971 ± 0.1078884 |
| 16D05222 | 4.3 % | 0.0035559 ± 0.0003844 | 0.0206556 ± 0.0178263 | 0.0542153 ± 0.0165041 | 0.0267684 ± 0.0238109 | 1.0188711 ± 0.1078884 |
| 16D05224 | 4.6 % | 0.0035112 ± 0.0003844 | 0.0210204 ± 0.0178263 | 0.0528483 ± 0.0165041 | 0.0245519 ± 0.0238109 | 1.0077186 ± 0.1078884 |
| 16D05225 | 4.9 % | 0.0035031 ± 0.0003844 | 0.0211806 ± 0.0178263 | 0.0523646 ± 0.0165041 | 0.0234639 ± 0.0238109 | 1.0053199 ± 0.1078884 |
| 16D05226 | 5.2 % | 0.0035023 ± 0.0003844 | 0.0213661 ± 0.0178263 | 0.0519425 ± 0.0165041 | 0.0222207 ± 0.0238109 | 1.0043328 ± 0.1078884 |
| 16D05228 | 5.5 % | 0.0035198 ± 0.0003844 | 0.0217507 ± 0.0178263 | 0.0514980 ± 0.0165041 | 0.0198621 ± 0.0238109 | 1.0062178 ± 0.1078884 |
| 16D05229 | 5.8 % | 0.0035347 ± 0.0003844 | 0.0219482 ± 0.0178263 | 0.0514485 ± 0.0165041 | 0.0187675 ± 0.0238109 | 1.0083206 ± 0.1078884 |
| 16D05230 | 6.1 % | 0.0035551 ± 0.0003844 | 0.0221775 ± 0.0178263 | 0.0515149 ± 0.0165041 | 0.0175636 ± 0.0238109 | 1.0112946 ± 0.1078884 |
| 16D05232 | 6.5 % | 0.0036009 ± 0.0003844 | 0.0225949 ± 0.0178263 | 0.0519929 ± 0.0165041 | 0.0154133 ± 0.0238109 | 1.0179007 ± 0.1078884 |
| 16D05233 | 7.0 % | 0.0036243 ± 0.0003844 | 0.0227597 ± 0.0178263 | 0.0523775 ± 0.0165041 | 0.0144779 ± 0.0238109 | 1.0211679 ± 0.1078884 |
| 16D05234 | 7.6 % | 0.0036510 ± 0.0003844 | 0.0228963 ± 0.0178263 | 0.0529323 ± 0.0165041 | 0.0134998 ± 0.0238109 | 1.0247902 ± 0.1078884 |
| 16D05236 | 8.4 % | 0.0037001 ± 0.0003844 | 0.0229206 ± 0.0178263 | 0.0543330 ± 0.0165041 | 0.0119118 ± 0.0238109 | 1.0311339 ± 0.1078884 |
| 16D05237 | 9.0 % | 0.0037217 ± 0.0003844 | 0.0227766 ± 0.0178263 | 0.0551517 ± 0.0165041 | 0.0113026 ± 0.0238109 | 1.0337971 ± 0.1078884 |
| 16D05238 | 9.7 % | 0.0037418 ± 0.0003844 | 0.0224975 ± 0.0178263 | 0.0560726 ± 0.0165041 | 0.0107946 ± 0.0238109 | 1.0362310 ± 0.1078884 |
| 16D05240 | 10.5 % | 0.0037785 ± 0.0003844 | 0.0213178 ± 0.0178263 | 0.0583687 ± 0.0165041 | 0.0100938 ± 0.0238109 | 1.0407109 ± 0.1078884 |
| 16D05241 | 11.4 % | 0.0037942 ± 0.0003844 | 0.0202831 ± 0.0178263 | 0.0597710 ± 0.0165041 | 0.0099556 ± 0.0238109 | 1.0428101 ± 0.1078884 |
| 16D05242 | 12.5 % | 0.0038056 ± 0.0003844 | 0.0190689 ± 0.0178263 | 0.0611261 ± 0.0165041 | 0.0099823 ± 0.0238109 | 1.0446212 ± 0.1078884 |
| 16D05244 | 13.1 % | 0.0038223 ± 0.0003844 | 0.0153733 ± 0.0178263 | 0.0643447 ± 0.0165041 | 0.0105506 ± 0.0238109 | 1.0487749 ± 0.1078884 |
| 16D05245 | 14.7 % | 0.0038270 ± 0.0003844 | 0.0126859 ± 0.0178263 | 0.0662355 ± 0.0165041 | 0.0111576 ± 0.0238109 | 1.0514755 ± 0.1078884 |
| 16D05246 | 15.6 % | 0.0038289 ± 0.0003844 | 0.0097991 ± 0.0178263 | 0.0680247 ± 0.0165041 | 0.0118895 ± 0.0238109 | 1.0544016 ± 0.1078884 |
| 16D05248 | 16.8 % | 0.0038268 ± 0.0003844 | 0.0018590 ± 0.0178263 | 0.0721659 ± 0.0165041 | 0.0140904 ± 0.0238109 | 1.0631477 ± 0.1078884 |
| 16D05249 | 18.5 % | 0.0038235 ± 0.0003844 | 0.0028484 ± 0.0178263 | 0.0742743 ± 0.0165041 | 0.0154504 ± 0.0238109 | 1.0689150 ± 0.1078884 |
| 16D05250 | 19.9 % | 0.0038186 ± 0.0003844 | 0.0089887 ± 0.0178263 | 0.0767684 ± 0.0165041 | 0.0172448 ± 0.0238109 | 1.0770760 ± 0.1078884 |
| 16D05252 | 21.7 % | 0.0038079 ± 0.0003844 | 0.0233406 ± 0.0178263 | 0.0818322 ± 0.0165041 | 0.0214451 ± 0.0238109 | 1.0986662 ± 0.1078884 |
| 16D05253 | 23.1 % | 0.0038034 ± 0.0003844 | 0.0314906 ± 0.0178263 | 0.0843747 ± 0.0165041 | 0.0238098 ± 0.0238109 | 1.1122870 ± 0.1078884 |

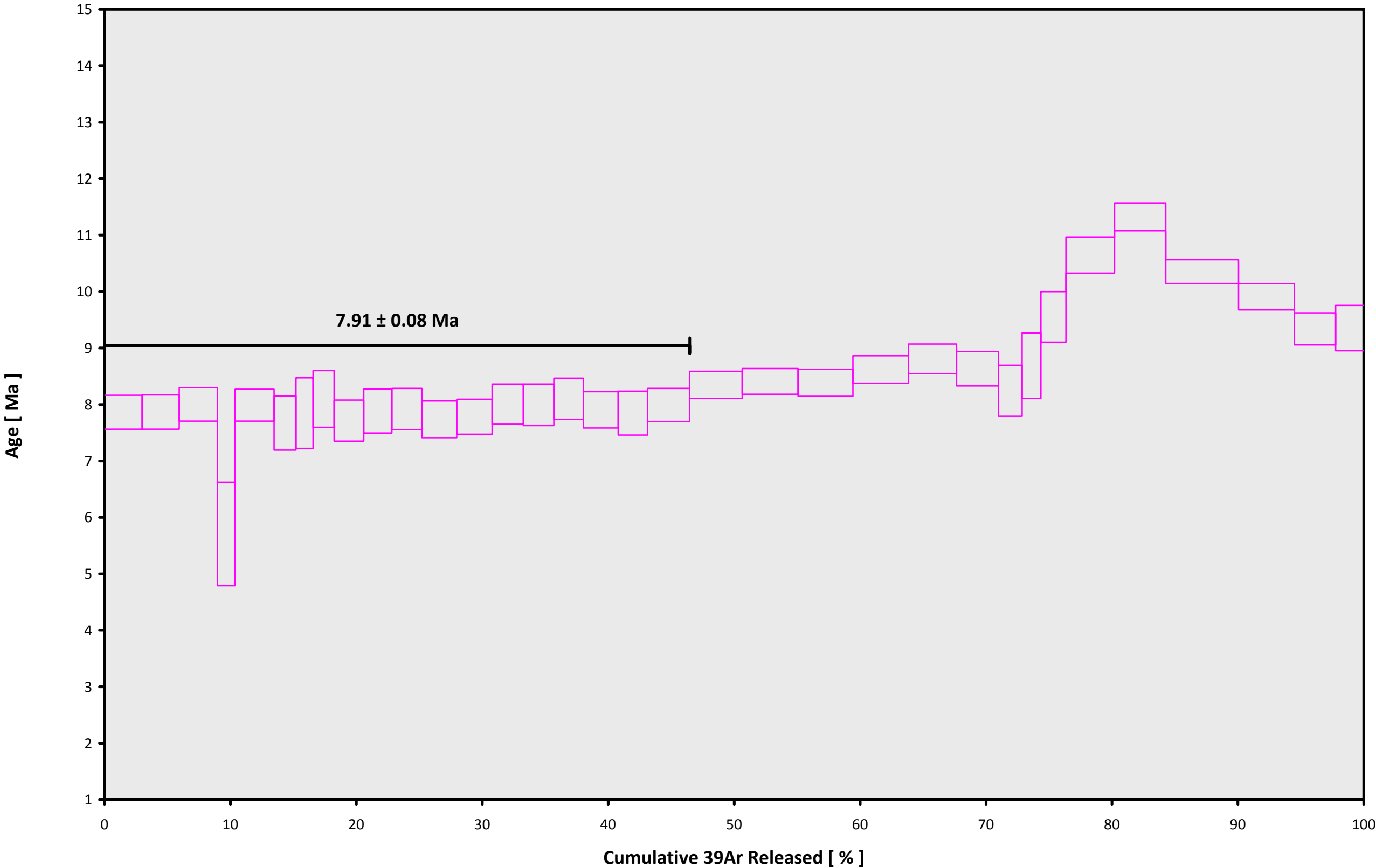
| Intercept Values | | 36Ar ± 1σ (SE) [fA] | r2 | Regression (type,n) | 37Ar ± 1σ (SE) [fA] | r2 | Regression (type,n) | 38Ar ± 1σ (SE) [fA] | r2 | Regression (type,n) | 39Ar ± 1σ (SE) [fA] | r2 | Regression (type,n) | 40Ar ± 1σ (SE) [fA] | r2 | Regression (type,n) |
|---------------------|--------|------------------------|--------|------------------------|------------------------|--------|------------------------|------------------------|--------|------------------------|------------------------|--------|------------------------|------------------------|--------|------------------------|
| 16D05209 | 1.8 % | 0.0414671 ± 0.0003346 | 0.6521 | EXP 150 of 150 | 3.157320 ± 0.017939 | 0.5682 | EXP 150 of 150 | 0.2664506 ± 0.0162774 | 0.0154 | EXP 150 of 150 | 4.3012226 ± 0.0170250 | 0.5848 | EXP 150 of 150 | 21.891674 ± 0.018309 | 0.9996 | EXP 150 of 150 |
| 16D05210 | 2.0 % | 0.0398354 ± 0.0003310 | 0.6545 | EXP 150 of 150 | 4.037513 ± 0.017493 | 0.6592 | EXP 150 of 150 | 0.2653627 ± 0.0163249 | 0.0003 | EXP 150 of 150 | 4.2423521 ± 0.0167408 | 0.5943 | EXP 150 of 150 | 20.780972 ± 0.019319 | 0.9995 | EXP 150 of 150 |
| 16D05212 | 2.2 % | 0.0396396 ± 0.0003266 | 0.6049 | EXP 150 of 150 | 5.255570 ± 0.018309 | 0.7682 | EXP 150 of 150 | 0.2255167 ± 0.0159471 | 0.0000 | EXP 150 of 150 | 4.3692286 ± 0.0166721 | 0.5285 | EXP 150 of 150 | 20.617555 ± 0.018640 | 0.9994 | EXP 150 of 150 |
| 16D05213 | 2.4 % | 0.1674061 ± 0.0006389 | 0.4424 | EXP 150 of 150 | 2.401215 ± 0.018861 | 0.3784 | EXP 150 of 150 | 0.1838396 ± 0.0143080 | 0.0055 | EXP 150 of 150 | 2.0595521 ± 0.0140967 | 0.1618 | EXP 149 of 150 | 54.145139 ± 0.019355 | 0.9988 | EXP 150 of 150 |
| 16D05214 | 2.6 % | 0.0407005 ± 0.0003025 | 0.5866 | EXP 150 of 150 | 6.569887 ± 0.017869 | 0.8397 | EXP 150 of 150 | 0.2244261 ± 0.0173282 | 0.0277 | EXP 150 of 150 | 4.4776022 ± 0.0146316 | 0.6967 | EXP 150 of 150 | 20.529658 ± 0.017508 | 0.9994 | EXP 150 of 150 |
| 16D05216 | 2.8 % | 0.0223077 ± 0.0002477 | 0.7719 | EXP 150 of 150 | 3.791402 ± 0.017671 | 0.6294 | EXP 150 of 150 | 0.1425433 ± 0.0177859 | 0.0000 | EXP 150 of 150 | 2.5238701 ± 0.0158780 | 0.2841 | EXP 149 of 150 | 10.992931 ± 0.018795 | 0.9993 | EXP 150 of 150 |
| 16D05217 | 3.0 % | 0.0182948 ± 0.0002686 | 0.7736 | EXP 150 of 150 | 3.256696 ± 0.017765 | 0.5377 | EXP 150 of 150 | 0.1278517 ± 0.0161395 | 0.0008 | EXP 150 of 150 | 1.9736573 ± 0.0161927 | 0.1170 | EXP 149 of 150 | 8.777460 ± 0.016519 | 0.9994 | EXP 150 of 150 |
| 16D05218 | 3.3 % | 0.0216463 ± 0.0002602 | 0.7527 | EXP 150 of 150 | 4.493153 ± 0.018252 | 0.6796 | EXP 150 of 150 | 0.1299888 ± 0.0167881 | 0.0005 | EXP 150 of 150 | 2.4440776 ± 0.0151617 | 0.1774 | EXP 150 of 150 | 10.561500 ± 0.017525 | 0.9993 | EXP 150 of 150 |
| 16D05220 | 3.6 % | 0.0297611 ± 0.0002888 | 0.6861 | EXP 150 of 150 | 6.590767 ± 0.019347 | 0.8030 | EXP 150 of 150 | 0.1546246 ± 0.0154807 | 0.0052 | EXP 150 of 150 | 3.4207651 ± 0.0154357 | 0.4925 | EXP 150 of 150 | 14.123388 ± 0.017171 | 0.9993 | EXP 150 of 150 |
| 16D05221 | 3.9 % | 0.0290033 ± 0.0003076 | 0.6090 | EXP 150 of 150 | 6.937955 ± 0.018083 | 0.8366 | EXP 150 of 150 | 0.1199526 ± 0.0151528 | 0.0054 | EXP 150 of 150 | 3.2436726 ± 0.0158654 | 0.4920 | EXP 150 of 150 | 13.440972 ± 0.017028 | 0.9992 | EXP 150 of 150 |
| 16D05222 | 4.3 % | 0.0308919 ± 0.0002971 | 0.6065 | EXP 150 of 150 | 7.868594 ± 0.018507 | 0.8800 | EXP 150 of 150 | 0.1352613 ± 0.0173177 | 0.0004 | EXP 150 of 150 | 3.4539714 ± 0.0156319 | 0.4556 | EXP 150 of 150 | 14.109342 ± 0.017889 | 0.9991 | EXP 150 of 150 |
| 16D05224 | 4.6 % | 0.0363781 ± 0.0003389 | 0.4834 | EXP 150 of 150 | 9.642537 ± 0.019636 | 0.8888 | EXP 150 of 150 | 0.1443391 ± 0.0169226 | 0.0022 | EXP 150 of 150 | 4.0032423 ± 0.0142540 | 0.6601 | EXP 150 of 150 | 16.046124 ± 0.018436 | 0.9990 | EXP 150 of 150 |
| 16D05225 | 4.9 % | 0.0373559 ± 0.0002971 | 0.5269 | EXP 150 of 150 | 10.544130 ± 0.017525 | 0.9290 | EXP 150 of 150 | 0.1239966 ± 0.0169981 | 0.0029 | EXP 150 of 150 | 4.0675013 ± 0.0141968 | 0.7206 | EXP 150 of 150 | 16.089503 ± 0.018714 | 0.9989 | EXP 150 of 150 |
| 16D05226 | 5.2 % | 0.0338976 ± 0.0003178 | 0.5563 | EXP 150 of 150 | 9.964243 ± 0.015537 | 0.9324 | EXP 149 of 150 | 0.1269498 ± 0.0160450 | 0.0000 | EXP 150 of 150 | 3.6151160 ± 0.0158119 | 0.5659 | EXP 150 of 150 | 14.441593 ± 0.017475 | 0.9990 | EXP 150 of 150 |
| 16D05228 | 5.5 % | 0.0351556 ± 0.0003255 | 0.5349 | EXP 150 of 150 | 10.305568 ± 0.018990 | 0.9142 | EXP 150 of 150 | 0.1188775 ± 0.0160395 | 0.0000 | EXP 150 of 150 | 3.5077453 ± 0.0153687 | 0.5624 | EXP 150 of 150 | 14.352144 ± 0.017583 | 0.9989 | EXP 150 of 150 |
| 16D05229 | 5.8 % | 0.0341090 ± 0.0002823 | 0.5597 | EXP 150 of 150 | 10.296655 ± 0.018018 | 0.9223 | EXP 150 of 150 | 0.1396611 ± 0.0183881 | 0.0091 | EXP 150 of 150 | 3.4198593 ± 0.0148811 | 0.5235 | EXP 150 of 150 | 13.917846 ± 0.018797 | 0.9988 | EXP 150 of 150 |
| 16D05230 | 6.1 % | 0.0398561 ± 0.0003231 | 0.3952 | EXP 150 of 150 | 12.199478 ± 0.017353 | 0.9461 | EXP 150 of 150 | 0.1306843 ± 0.0178441 | 0.0004 | EXP 150 of 150 | 4.0136634 ± 0.0136212 | 0.6699 | EXP 150 of 150 | 15.994312 ± 0.017829 | 0.9988 | EXP 150 of 150 |
| 16D05232 | 6.5 % | 0.0497372 ± 0.0003412 | 0.1915 | EXP 150 of 150 | 10.412453 ± 0.017139 | 0.9254 | EXP 150 of 150 | 0.1326062 ± 0.0177053 | 0.0020 | EXP 150 of 150 | 3.4021028 ± 0.0164625 | 0.4644 | EXP 150 of 150 | 18.366345 ± 0.017171 | 0.9988 | EXP 150 of 150 |
| 16D05233 | 7.0 % | 0.0633591 ± 0.0004101 | 0.0145 | EXP 150 of 150 | 14.687995 ± 0.017943 | 0.9604 | EXP 149 of 150 | 0.1381389 ± 0.0160608 | 0.0065 | EXP 150 of 150 | 4.8211100 ± 0.0154694 | 0.7326 | EXP 150 of 150 | 24.144379 ± 0.018433 | 0.9984 | EXP 150 of 150 |
| 16D05234 | 7.6 % | 0.0695034 ± 0.0004132 | 0.0260 | EXP 150 of 150 | 18.471235 ± 0.018241 | 0.9732 | EXP 149 of 150 | 0.1670624 ± 0.0157170 | 0.0051 | EXP 150 of 150 | 6.0379016 ± 0.0165419 | 0.7998 | EXP 150 of 150 | 27.873457 ± 0.016517 | 0.9986 | EXP 150 of 150 |
| 16D05236 | 8.4 % | 0.0730672 ± 0.0004162 | 0.0005 | EXP 149 of 150 | 20.172101 ± 0.018197 | 0.9774 | EXP 148 of 150 | 0.1784792 ± 0.0152609 | 0.0048 | EXP 150 of 150 | 6.4407764 ± 0.0159999 | 0.8519 | EXP 150 of 150 | 29.279641 ± 0.018813 | 0.9980 | EXP 150 of 150 |
| 16D05237 | 9.0 % | 0.0851281 ± 0.0004432 | 0.0416 | EXP 150 of 150 | 20.001626 ± 0.021248 | 0.9698 | EXP 150 of 150 | 0.1569236 ± 0.0163410 | 0.0000 | EXP 150 of 150 | 6.3076309 ± 0.0157204 | 0.8426 | EXP 150 of 150 | 32.681914 ± 0.016813 | 0.9983 | EXP 150 of 150 |
| 16D05238 | 9.7 % | 0.0855221 ± 0.0004865 | 0.0260 | EXP 150 of 150 | 20.129569 ± 0.016612 | 0.9814 | EXP 150 of 150 | 0.1772103 ± 0.0158796 | 0.0015 | EXP 150 of 150 | 6.3876134 ± 0.0158854 | 0.8363 | EXP 150 of 150 | 33.436362 ± 0.017650 | 0.9980 | EXP 150 of 150 |
| 16D05240 | 10.5 % | 0.0636890 ± 0.0004138 | 0.0232 | EXP 150 of 150 | 17.111478 ± 0.018019 | 0.9699 | EXP 150 of 150 | 0.1582729 ± 0.0147291 | 0.0068 | EXP 150 of 150 | 5.5346987 ± 0.0178341 | 0.7594 | EXP 150 of 150 | 26.236949 ± 0.020101 | 0.9976 | EXP 150 of 150 |
| 16D05241 | 11.4 % | 0.0698784 ± 0.0004429 | 0.0000 | EXP 150 of 150 | 14.589412 ± 0.018833 | 0.9563 | EXP 150 of 150 | 0.1488875 ± 0.0145107 | 0.0026 | EXP 149 of 150 | 4.8245150 ± 0.0160857 | 0.7662 | EXP 150 of 150 | 27.195598 ± 0.017376 | 0.9982 | EXP 150 of 150 |
| 16D05242 | 12.5 % | 0.0280123 ± 0.0002506 | 0.5878 | EXP 150 of 150 | 8.267673 ± 0.019190 | 0.8574 | EXP 149 of 150 | 0.1087489 ± 0.0166096 | 0.0028 | EXP 150 of 150 | 2.7174792 ± 0.0151786 | 0.3905 | EXP 150 of 150 | 11.361089 ± 0.018632 | 0.9984 | EXP 150 of 150 |
| 16D05244 | 13.1 % | 0.0212601 ± 0.0002816 | 0.6463 | EXP 150 of 150 | 6.229854 ± 0.018156 | 0.8051 | EXP 150 of 150 | 0.0846577 ± 0.0183708 | 0.0057 | EXP 150 of 150 | 2.1596168 ± 0.0146816 | 0.2875 | EXP 148 of 150 | 9.176001 ± 0.017774 | 0.9986 | EXP 150 of 150 |
| 16D05245 | 14.7 % | 0.0281581 ± 0.0002917 | 0.6031 | EXP 150 of 150 | 8.412678 ± 0.018790 | 0.8867 | EXP 149 of 150 | 0.1317989 ± 0.0176959 | 0.0207 | EXP 150 of 150 | 2.8759585 ± 0.0155018 | 0.4403 | EXP 150 of 150 | 12.965048 ± 0.018263 | 0.9984 | EXP 150 of 150 |
| 16D05246 | 15.6 % | 0.1352504 ± 0.0005634 | 0.4012 | EXP 150 of 150 | 15.373368 ± 0.018637 | 0.9606 | EXP 150 of 150 | 0.2277930 ± 0.0160018 | 0.0238 | EXP 150 of 150 | 5.5853822 ± 0.0164955 | 0.7933 | EXP 150 of 150 | 52.772010 ± 0.020833 | 0.9937 | EXP 150 of 150 |
| 16D05248 | 16.8 % | 0.0560810 ± 0.0003812 | 0.1519 | EXP 149 of 150 | 16.838946 ± 0.019244 | 0.9643 | EXP 150 of 150 | 0.1960249 ± 0.0164972 | 0.0052 | EXP 150 of 150 | 5.8985480 ± 0.0163459 | 0.8068 | EXP 150 of 150 | 29.861153 ± 0.017781 | 0.9976 | EXP 150 of 150 |
| 16D05249 | 18.5 % | 0.1253215 ± 0.0005535 | 0.3803 | EXP 150 of 150 | 23.964665 ± 0.018029 | 0.9842 | EXP 150 of 150 | 0.2342571 ± 0.0162037 | 0.0122 | EXP 150 of 150 | 8.3582894 ± 0.0154888 | 0.9117 | EXP 150 of 150 | 53.903942 ± 0.020888 | 0.9935 | EXP 150 of 150 |
| 16D05250 | 19.9 % | 0.0624170 ± 0.0004448 | 0.0381 | EXP 150 of 150 | 18.587464 ± 0.017313 | 0.9765 | EXP 150 of 150 | 0.2141691 ± 0.0166702 | 0.0100 | EXP 150 of 150 | 6.4170567 ± 0.0150651 | 0.8435 | EXP 150 of 150 | 29.869572 ± 0.017719 | 0.9978 | EXP 150 of 150 |
| 16D05252 | 21.7 % | 0.0382311 ± 0.0003416 | 0.3612 | EXP 150 of 150 | 14.744511 ± 0.019731 | 0.9520 | EXP 150 of 150 | 0.1769123 ± 0.0160223 | 0.0267 | EXP 150 of 150 | 4.7636054 ± 0.0156888 | 0.7131 | EXP 150 of 150 | 18.257096 ± 0.020878 | 0.9975 | EXP 150 of 150 |
| 16D05253 | 23.1 % | 0.0391672 ± 0.0002944 | 0.3093 | EXP 150 of 150 | 10.114478 ± 0.019827 | 0.9083 | EXP 150 of 150 | 0.1098319 ± 0.0159401 | 0.0002 | EXP 150 of 150 | 3.2494846 ± 0.0157166 | 0.4087 | EXP 150 of 150 | 16.460036 ± 0.018202 | 0.9981 | EXP 150 of 150 |

| Project Info | | Analyst | Irradiation | X-pos | Y-pos | Z/H-pos | Project | Experiment | Nmb |
|--------------|--------|-------------|-------------|-------|-------|---------|---------------------------|------------|-----|
| 16D05209 | 1.8 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05210 | 2.0 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05212 | 2.2 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05213 | 2.4 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05214 | 2.6 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05216 | 2.8 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05217 | 3.0 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05218 | 3.3 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05220 | 3.6 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05221 | 3.9 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05222 | 4.3 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05224 | 4.6 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05225 | 4.9 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05226 | 5.2 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05228 | 5.5 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05229 | 5.8 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05230 | 6.1 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05232 | 6.5 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05233 | 7.0 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05234 | 7.6 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05236 | 8.4 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05237 | 9.0 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05238 | 9.7 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05240 | 10.5 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05241 | 11.4 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05242 | 12.5 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05244 | 13.1 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05245 | 14.7 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05246 | 15.6 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05248 | 16.8 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05249 | 18.5 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05250 | 19.9 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05252 | 21.7 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 01 |
| 16D05253 | 23.1 % | Dan Miggins | 15-OSU-06 | 0.00 | 0.00 | 42.31 | Oregon\McCloughry (15-17) | 16D05208 | 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 |
|-------------------|--------|-------------|-------------|----------|------------------|------------------|-------|---------------------|--------------------|-------|------------|-------|---------------|-------|------------|-------|--------------|------------------------|-----|-------|------|------|-----|--------|
| 16D05209 | 1.8 % | 291-DFWJ-14 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 13 | 59 | 1 |
| 16D05210 | 2.0 % | 291-DFWJ-15 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 14 | 9 | 1 |
| 16D05212 | 2.2 % | 291-DFWJ-16 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 14 | 29 | 1 |
| 16D05213 | 2.4 % | 291-DFWJ-17 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 14 | 39 | 1 |
| 16D05214 | 2.6 % | 291-DFWJ-18 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 14 | 49 | 1 |
| 16D05216 | 2.8 % | 291-DFWJ-19 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 15 | 6 | 1 |
| 16D05217 | 3.0 % | 291-DFWJ-20 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 15 | 14 | 1 |
| 16D05218 | 3.3 % | 291-DFWJ-21 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 15 | 23 | 1 |
| 16D05220 | 3.6 % | 291-DFWJ-22 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 15 | 40 | 1 |
| 16D05221 | 3.9 % | 291-DFWJ-23 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 15 | 48 | 1 |
| 16D05222 | 4.3 % | 291-DFWJ-24 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 15 | 57 | 1 |
| 16D05224 | 4.6 % | 291-DFWJ-25 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 16 | 14 | 1 |
| 16D05225 | 4.9 % | 291-DFWJ-26 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 16 | 22 | 1 |
| 16D05226 | 5.2 % | 291-DFWJ-27 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 16 | 31 | 1 |
| 16D05228 | 5.5 % | 291-DFWJ-28 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 16 | 48 | 1 |
| 16D05229 | 5.8 % | 291-DFWJ-29 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 16 | 56 | 1 |
| 16D05230 | 6.1 % | 291-DFWJ-30 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 17 | 5 | 1 |
| 16D05232 | 6.5 % | 291-DFWJ-31 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 17 | 22 | 1 |
| 16D05233 | 7.0 % | 291-DFWJ-32 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 17 | 30 | 1 |
| 16D05234 | 7.6 % | 291-DFWJ-33 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 17 | 39 | 1 |
| 16D05236 | 8.4 % | 291-DFWJ-34 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 17 | 56 | 1 |
| 16D05237 | 9.0 % | 291-DFWJ-35 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 18 | 4 | 1 |
| 16D05238 | 9.7 % | 291-DFWJ-36 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 18 | 12 | 1 |
| 16D05240 | 10.5 % | 291-DFWJ-37 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 18 | 29 | 1 |
| 16D05241 | 11.4 % | 291-DFWJ-38 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 18 | 38 | 1 |
| 16D05242 | 12.5 % | 291-DFWJ-39 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 18 | 46 | 1 |
| 16D05244 | 13.1 % | 291-DFWJ-40 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 19 | 3 | 1 |
| 16D05245 | 14.7 % | 291-DFWJ-41 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 19 | 12 | 1 |
| 16D05246 | 15.6 % | 291-DFWJ-42 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 19 | 20 | 1 |
| 16D05248 | 16.8 % | 291-DFWJ-43 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 19 | 37 | 1 |
| 16D05249 | 18.5 % | 291-DFWJ-44 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 19 | 45 | 1 |
| 16D05250 | 19.9 % | 291-DFWJ-45 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 19 | 54 | 1 |
| 16D05252 | 21.7 % | 291-DFWJ-46 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 20 | 11 | 1 |
| 16D05253 | 23.1 % | 291-DFWJ-47 | Plagioclase | Dufur | FCT-NM (6B32-15) | 28.201 | 0.082 | Kuiper et al (2008) | 9.1915 | 0.136 | 0.00170999 | 0.136 | 303.84 | 0.148 | 0.99312897 | 0.068 | 1 | 4.8E-14 | 7 | FEB | 2016 | 20 | 19 | 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 | 40/39(k) | | %1σ | 38/39(k) | | %1σ | 36/38(cl) | | %1σ | K/Ca | %1σ | K/Cl | %1σ | Ca/Cl | %1σ |
|--------------------------|--------|----------|---|-------|----------|--------|-----|----------|---|-----------|----------|-----------|-------|-----------|------|----------|-----------|----------|------|----------|---|------|----------|---|-----|-----------|---|-----|------|-----|------|-----|-------|-----|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16D05209 | 1.8 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05210 | 2.0 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05212 | 2.2 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05213 | 2.4 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05214 | 2.6 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05216 | 2.8 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05217 | 3.0 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05218 | 3.3 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05220 | 3.6 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05221 | 3.9 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05222 | 4.3 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05224 | 4.6 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05225 | 4.9 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05226 | 5.2 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05228 | 5.5 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05229 | 5.8 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05230 | 6.1 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05232 | 6.5 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05233 | 7.0 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05234 | 7.6 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05236 | 8.4 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05237 | 9.0 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05238 | 9.7 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05240 | 10.5 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05241 | 11.4 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05242 | 12.5 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05244 | 13.1 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05245 | 14.7 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05246 | 15.6 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05248 | 16.8 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05249 | 18.5 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05250 | 19.9 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05252 | 21.7 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16D05253 | 23.1 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

16D05208.AGE >>> 291-DFWJ-14 >>> OREGON | MCCLAUGHRY (15-17) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

7.91 ± 0.08

TOTAL FUSION

8.63 ± 0.06

NORMAL ISOCHRON

7.85 ± 0.32

INVERSE ISOCHRON

7.87 ± 0.32

MSWD (PROBABILITY)

0.44 (98%)

Sample Info

Plagioclase

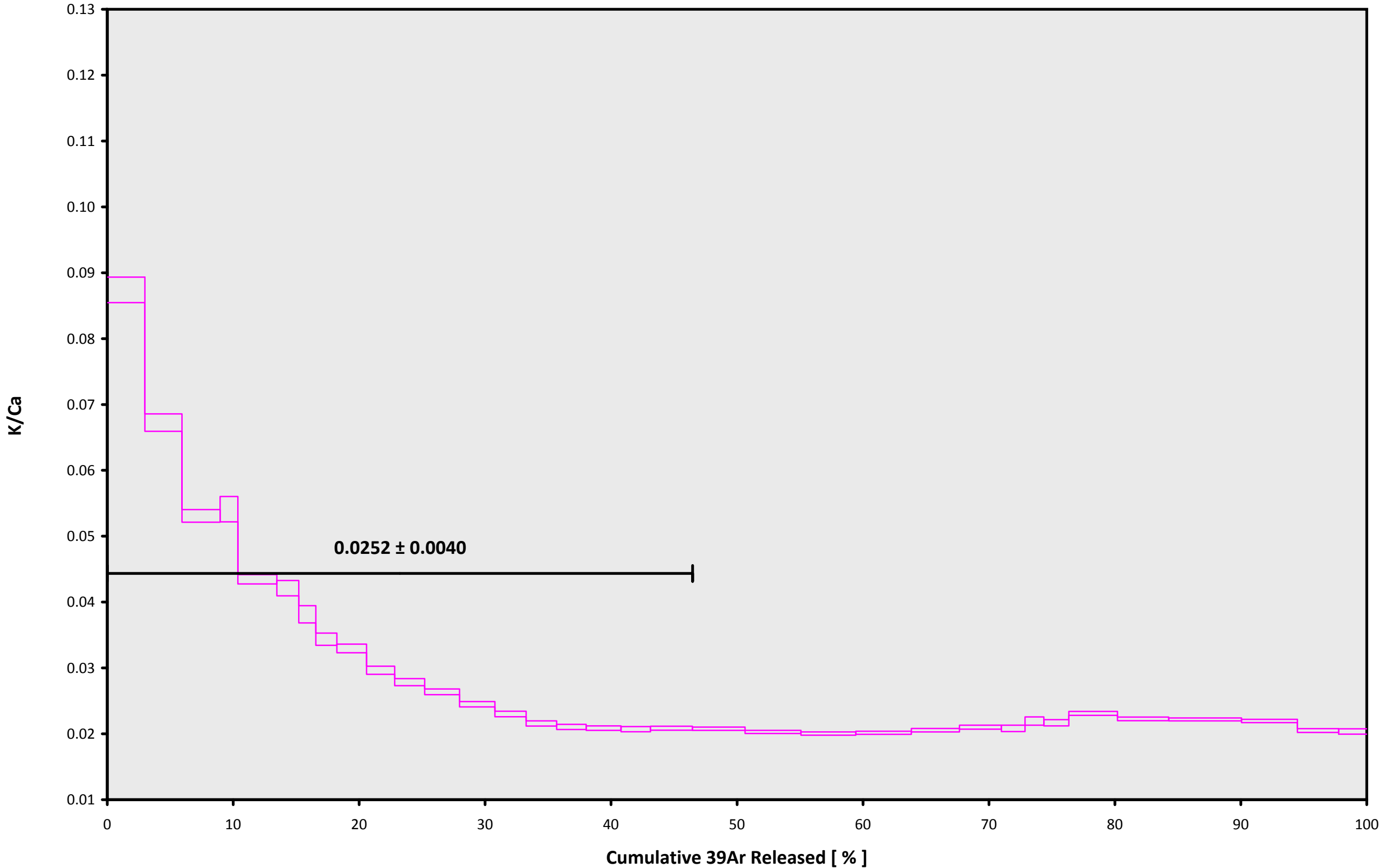
Dufur

Dan Miggins

IRR = 15-OSU-06 (6B32-15)

J = 0.00170999 ± 0.00000233

16D05208.AGE >>> 291-DFWJ-14 >>> OREGON | MCCLAUGHRY (15-17) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

7.91 \pm 0.08

TOTAL FUSION

8.63 \pm 0.06

NORMAL ISOCHRON

7.85 \pm 0.32

INVERSE ISOCHRON

7.87 \pm 0.32

Sample Info

Plagioclase

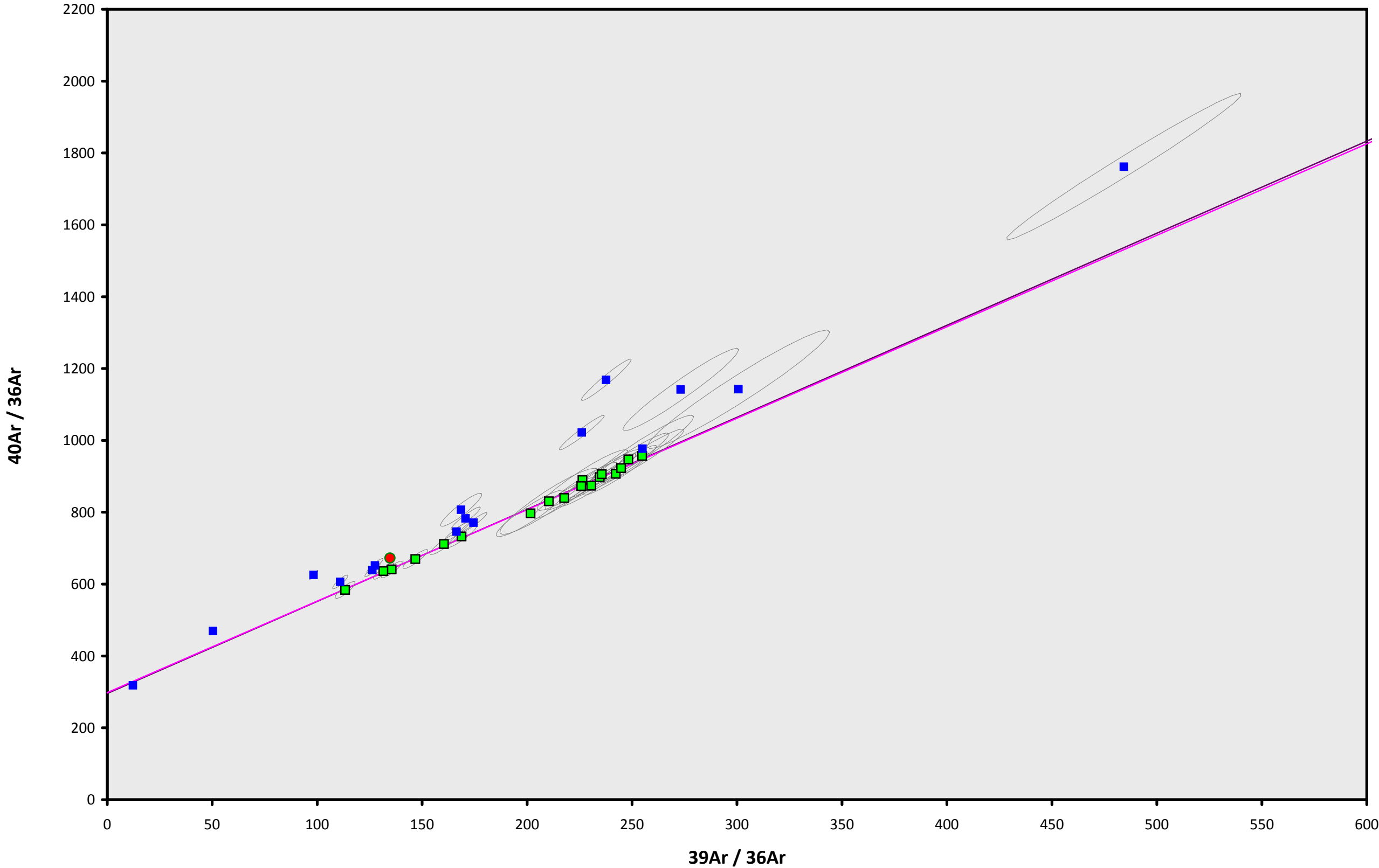
Dufur

Dan Miggins

IRR = 15-OSU-06 (6B32-15)

J = 0.00170999 \pm 0.00000233

16D05208.AGE >>> 291-DFWJ-14 >>> OREGON | MCCLAUGHRY (15-17) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

7.91 ± 0.08

TOTAL FUSION

8.63 ± 0.06

NORMAL ISOCHRON

7.85 ± 0.32

INVERSE ISOCHRON

7.87 ± 0.32

MSWD (PROBABILITY)

0.46 (97%)

40AR/36AR INTERCEPT

298.3 ± 18.2

Sample Info

Plagioclase

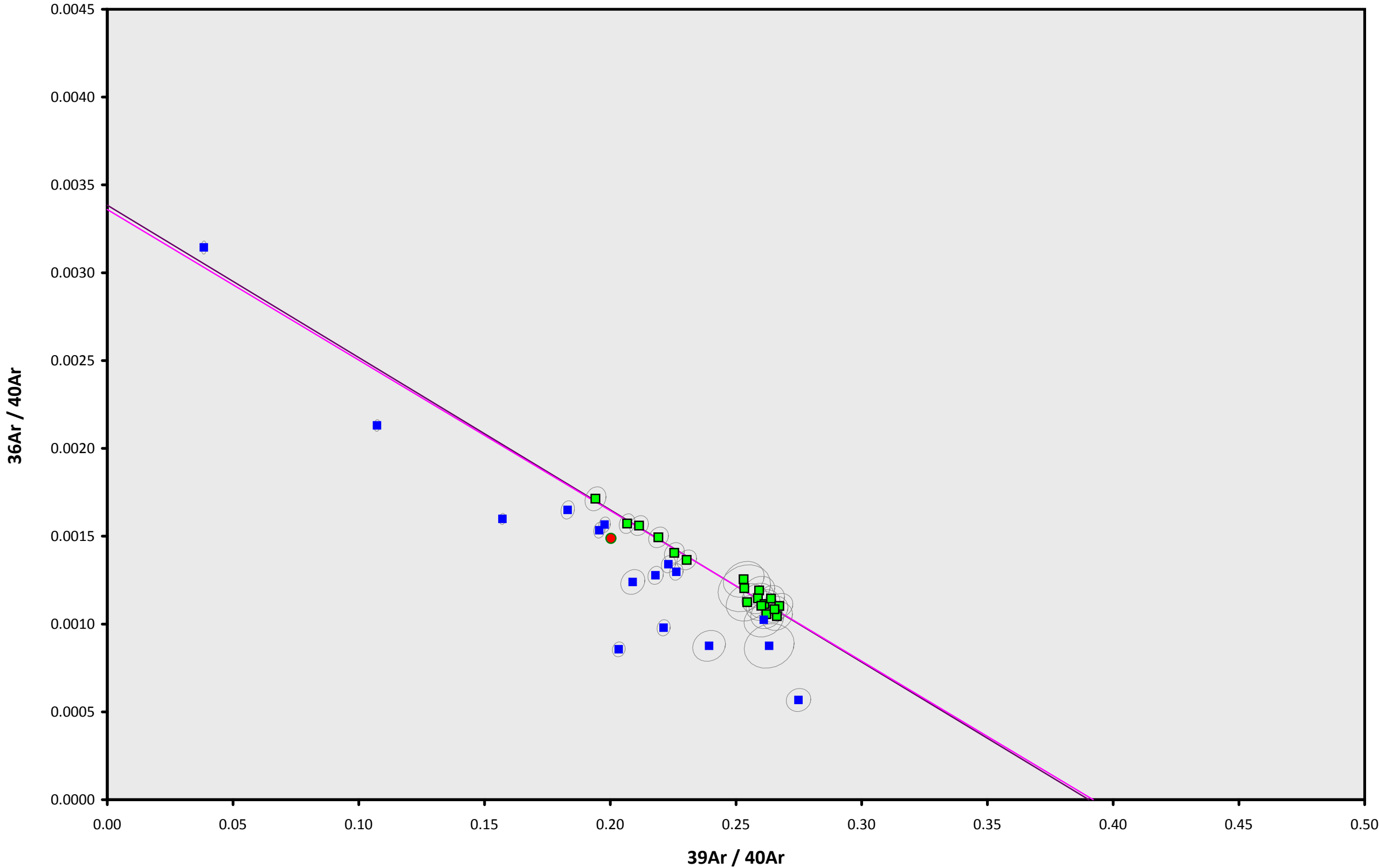
Dufur

Dan Miggins

IRR = 15-OSU-06 (6B32-15)

$J = 0.00170999 \pm 0.00000233$

16D05208.AGE >>> 291-DFWJ-14 >>> OREGON | MCCLAUGHRY (15-17) PROJECT



Ar-Ages in Ma

WEIGHTED PLATEAU

7.91 ± 0.08

TOTAL FUSION

8.63 ± 0.06

NORMAL ISOCHRON

7.85 ± 0.32

INVERSE ISOCHRON

7.87 ± 0.32

MSWD (PROBABILITY)

0.46 (97%)

SPREADING FACTOR

18.7%

40AR/36AR INTERCEPT

297.6 ± 18.2

Sample Info

Plagioclase

Dufur

Dan Miggins

IRR = 15-OSU-06 (6B32-15)

J = $0.00170999 \pm 0.00000233$