| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14D30264 | 1.8 % | 0.1782372 | 0.992 | 15.8542 | 1.722 | 0.646791 | 6.021 | 24.2120 | 0.168 | 286.924 | 0.121 | 9.72777 ± 0.06128 | 29.38 ± 0.18 | 82.05 | 1.36 | 0.656 ± 0.023 |
| 14D30266 | 1.9 % | 0.0957122 | 1.639 | 36.0041 | 0.785 | 0.915712 | 4.227 | 73.6120 | 0.089 | 682.777 | 0.051 | 8.92875 ± 0.02242 | 26.98 ± 0.07 | 96.23 | 4.13 | 0.879 ± 0.014 |
| 14D30267 | 2.0 % | 0.0374839 | 3.720 | 22.9732 | 1.233 | 0.600894 | 6.209 | 52.5610 | 0.101 | 461.759 | 0.075 | 8.60759 ± 0.02693 | 26.02 ± 0.08 | 97.95 | 2.95 | 0.984 ± 0.024 |
| 14D30268 | 2.1 % | 0.0187060 | 7.082 | 12.1947 | 2.162 | 0.355431 | 11.202 | 29.6832 | 0.149 | 258.051 | 0.133 | 8.53817 ± 0.04338 | 25.81 ± 0.13 | 98.19 | 1.67 | 1.046 ± 0.045 |
| 14D30270 | 2.2 % | 0.0103897 | 12.528 | 7.4361 | 3.622 | 0.211818 | 17.929 | 17.8579 | 0.219 | 154.588 | 0.222 | 8.51599 ± 0.06883 | 25.75 ± 0.21 | 98.35 | 1.00 | 1.032 ± 0.075 |
| 14D30271 | 2.3 % | 0.0322064 | 4.212 | 31.1722 | 0.937 | 0.823478 | 4.416 | 72.9956 | 0.089 | 622.134 | 0.056 | 8.42474 ± 0.02085 | 25.47 ± 0.06 | 98.82 | 4.10 | 1.007 ± 0.019 |
| 14D30272 | 2.4 % | 0.0284115 | 4.804 | 28.8665 | 1.012 | 0.766572 | 4.734 | 67.0040 | 0.094 | 566.847 | 0.061 | 8.36712 ± 0.02240 | 25.30 ± 0.07 | 98.87 | 3.76 | 0.998 ± 0.020 |
| 14D30274 | 2.5 % | 0.0176964 | 7.513 | 21.0299 | 1.308 | 0.526564 | 6.960 | 49.2907 | 0.108 | 414.742 | 0.083 | 8.34027 ± 0.02782 | 25.22 ± 0.08 | 99.09 | 2.77 | 1.008 ± 0.026 |
| 14D30275 | 2.6 % | 0.0232451 | 5.745 | 29.3950 | 1.022 | 0.771429 | 5.012 | 65.3387 | 0.095 | 547.420 | 0.063 | 8.30716 ± 0.02251 | 25.12 ± 0.07 | 99.12 | 3.67 | 0.956 ± 0.020 |
| 14D30276 | 2.7 % | 0.0190159 | 7.141 | 26.4249 | 1.055 | 0.624169 | 6.220 | 56.7867 | 0.100 | 473.484 | 0.073 | 8.27437 ± 0.02491 | 25.02 ± 0.07 | 99.21 | 3.19 | 0.924 ± 0.020 |
| 14D30278 | 2.8 % | 0.0186489 | 7.089 | 34.0568 | 0.866 | 0.775367 | 4.933 | 69.5606 | 0.093 | 577.517 | 0.060 | 8.26058 ± 0.02145 | 24.98 ± 0.06 | 99.46 | 3.90 | 0.878 ± 0.015 |
| 14D30279 | 2.9 % | 0.0257410 | 5.238 | 50.6906 | 0.628 | 1.088403 | 3.592 | 93.1795 | 0.084 | 770.901 | 0.045 | 8.23367 ± 0.01796 | 24.90 ± 0.05 | 99.48 | 5.23 | 0.790 ± 0.010 |
| 14D30280 | 3.0 % | 0.0060749 | 21.245 | 10.4257 | 2.547 | 0.201512 | 17.185 | 20.5601 | 0.200 | 170.302 | 0.202 | 8.23472 ± 0.05992 | 24.90 ± 0.18 | 99.38 | 1.15 | 0.848 ± 0.043 |
| 14D30282 | 3.2 % | 0.0327590 | 4.244 | 68.7372 | 0.510 | 1.277796 | 2.956 | 109.5050 | 0.081 | 900.449 | 0.039 | 8.18355 ± 0.01647 | 24.75 ± 0.05 | 99.48 | 6.15 | 0.685 ± 0.007 |
| 14D30283 | 3.4 % | 0.0363900 | 3.793 | 79.0597 | 0.492 | 1.308802 | 2.916 | 112.7566 | 0.080 | 923.946 | 0.038 | 8.15401 ± 0.01624 | 24.66 ± 0.05 | 99.46 | 6.33 | 0.613 ± 0.006 |
| 14D30284 | 3.6 % | 0.0104928 | 12.456 | 22.1806 | 1.243 | 0.406244 | 9.203 | 32.4696 | 0.140 | 266.055 | 0.130 | 8.15222 ± 0.03924 | 24.65 ± 0.12 | 99.44 | 1.82 | 0.629 ± 0.016 |
| 14D30286 | 3.8 % | 0.0091824 | 14.179 | 18.2690 | 1.485 | 0.287719 | 12.775 | 25.7222 | 0.162 | 210.942 | 0.163 | 8.15129 ± 0.04808 | 24.65 ± 0.14 | 99.35 | 1.44 | 0.605 ± 0.018 |
| 14D30287 | 4.0 % | 0.0627587 | 2.340 | 154.1713 | 0.385 | 2.045328 | 1.804 | 172.6538 | 0.077 | 1411.932 | 0.025 | 8.14177 ± 0.01412 | 24.62 ± 0.04 | 99.50 | 9.69 | 0.481 ± 0.004 |
| 14D30288 | 4.3 % | 0.0495689 | 2.859 | 130.2186 | 0.400 | 1.551656 | 2.404 | 132.1230 | 0.078 | 1076.696 | 0.033 | 8.11747 ± 0.01514 | 24.55 ± 0.05 | 99.54 | 7.41 | 0.436 ± 0.004 |
| 14D30290 | 4.6 % | 0.0421949 | 3.268 | 101.7272 | 0.432 | 1.191707 | 3.232 | 96.8853 | 0.083 | 791.186 | 0.044 | 8.12209 ± 0.01745 | 24.56 ± 0.05 | 99.39 | 5.44 | 0.409 ± 0.004 |
| 14D30291 | 4.9 % | 0.0245932 | 5.513 | 60.0415 | 0.574 | 0.700387 | 5.428 | 57.2856 | 0.098 | 466.041 | 0.074 | 8.09291 ± 0.02443 | 24.48 ± 0.07 | 99.41 | 3.21 | 0.410 ± 0.005 |
| 14D30292 | 5.2 % | 0.0236826 | 5.701 | 51.6662 | 0.615 | 0.628720 | 5.669 | 50.4405 | 0.106 | 410.532 | 0.084 | 8.08259 ± 0.02709 | 24.44 ± 0.08 | 99.24 | 2.83 | 0.420 ± 0.005 |
| 14D30294 | 5.5 % | 0.0273126 | 5.014 | 49.9939 | 0.653 | 0.630810 | 6.138 | 51.8898 | 0.106 | 421.588 | 0.082 | 8.04637 ± 0.02668 | 24.34 ± 0.08 | 98.97 | 2.91 | 0.446 ± 0.006 |
| 14D30295 | 5.8 % | 0.0139040 | 9.371 | 24.0560 | 1.173 | 0.352891 | 10.832 | 26.6124 | 0.159 | 215.584 | 0.160 | 8.01876 ± 0.04649 | 24.25 ± 0.14 | 98.93 | 1.49 | 0.475 ± 0.011 |
| 14D30296 | 6.2 % | 0.0208274 | 6.369 | 33.7209 | 0.860 | 0.481791 | 7.760 | 37.8370 | 0.126 | 304.494 | 0.113 | 7.95598 ± 0.03413 | 24.06 ± 0.10 | 98.80 | 2.12 | 0.482 ± 0.008 |
| 14D30298 | 6.6 % | 0.0276583 | 4.902 | 35.0114 | 0.815 | 0.501081 | 7.396 | 39.9333 | 0.120 | 319.177 | 0.108 | 7.85794 ± 0.03260 | 23.77 ± 0.10 | 98.25 | 2.24 | 0.490 ± 0.008 |
| 14D30299 | 7.0 % | 0.0241694 | 5.494 | 24.6198 | 1.139 | 0.354495 | 10.691 | 26.8955 | 0.148 | 213.399 | 0.161 | 7.74186 ± 0.04511 | 23.42 ± 0.14 | 97.51 | 1.51 | 0.469 ± 0.011 |
| 14D30300 | 7.6 % | 0.0173437 | 7.484 | 19.6540 | 1.470 | 0.224382 | 16.608 | 19.6432 | 0.207 | 153.762 | 0.224 | 7.64691 ± 0.06136 | 23.14 ± 0.18 | 97.62 | 1.10 | 0.429 ± 0.013 |
| 14D30302 | 8.3 % | 0.0127909 | 10.227 | 14.8605 | 1.806 | 0.200744 | 18.440 | 13.6204 | 0.286 | 105.710 | 0.325 | 7.57135 ± 0.08751 | 22.91 ± 0.26 | 97.48 | 0.76 | 0.394 ± 0.014 |
| 14D30303 | 9.0 % | 0.0188533 | 7.005 | 19.5382 | 1.389 | 0.212470 | 17.658 | 12.5973 | 0.301 | 97.302 | 0.353 | 7.40801 ± 0.09398 | 22.42 ± 0.28 | 95.81 | 0.71 | 0.277 ± 0.008 |
| 14D30304 | 9.8 % | 0.0287688 | 4.706 | 41.0036 | 0.735 | 0.214723 | 17.336 | 15.3049 | 0.269 | 115.173 | 0.298 | 7.18991 ± 0.07920 | 21.76 ± 0.24 | 95.37 | 0.86 | 0.160 ± 0.003 |
| 14D30306 | 11.0 % | 0.0603284 | 2.301 | 99.8081 | 0.455 | 0.355417 | 10.756 | 20.5157 | 0.199 | 152.201 | 0.226 | 6.95189 ± 0.05931 | 21.04 ± 0.18 | 93.40 | 1.15 | 0.088 ± 0.001 |
| 14D30307 | 13.0 % | 0.1545476 | 1.088 | 364.1871 | 0.348 | 0.412697 | 9.349 | 23.3916 | 0.181 | 169.478 | 0.203 | 6.58371 ± 0.05830 | 19.94 ± 0.18 | 89.91 | 1.30 | 0.027 ± 0.000 |
| 14D30308 | 15.5 % | 0.1678174 | 0.998 | 470.4506 | 0.345 | 0.158156 | 23.123 | 8.0361 | 0.454 | 63.095 | 0.544 | 6.54252 ± 0.17190 | 19.81 ± 0.52 | 80.03 | 0.43 | 0.007 ± 0.000 |
| 14D30310 | 18.5 % | 0.0596537 | 2.325 | 155.3711 | 0.381 | 0.019174 | 204.551 | 2.2703 | 1.543 | 20.164 | 1.698 | 6.81412 ± 0.54237 | 20.63 ± 1.63 | 73.17 | 0.12 | 0.006 ± 0.000 |
| 14D30311 | 21.5 % | 0.0251991 | 5.374 | 61.0593 | 0.551 | 0.038884 | 93.997 | 0.8143 | 4.503 | 8.252 | 4.151 | 7.25509 ± 1.52849 | 21.96 ± 4.60 | 67.97 | 0.04 | 0.005 ± 0.001 |
| 14D30313 | 24.5 % | 0.0175269 | 7.467 | 37.8943 | 0.776 | 0.030516 | 124.711 | 0.5556 | 6.372 | 5.875 | 5.828 | 6.93577 ± 2.15983 | 21.00 ± 6.50 | 62.58 | 0.03 | 0.006 ± 0.001 |
| Σ | 1.4798931 | 0.570 | 2463.8242 | 0.117 | 21.894730 | 1.047 | 1782.4010 | 0.020 | 14810.480 | 0.014 | | | | | | |

## Information on Analysis and Constants Used in Calculations

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D52-05**
Material = **Groundmass**
Location = **Acushnet Guyot**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **14-OSU-04 (4B14-14)**
Position = **X: 0 | Y: 0 | Z/H: 23.11 mm**
FCT-NM Age = **28.201 ± 0.023 Ma**
FCT-NM Reference = **Kuiper et al (2008)**
FCT-NM 40Ar/39Ar Ratio = **9.33439 ± 0.01914**
FCT-NM J-value = **0.00168382 ± 0.00000345**
Air Shot 40Ar/36Ar = **303.5750 ± 0.5161**
Air Shot MDF = **0.99334148 ± 0.00071069 (LIN)**
Experiment Type = **Incremental Heating**
Extraction Method = **Bulk Laser Heating**
Heating = **77 sec**
Isolation = **6.00 min**
Instrument = **ARGUS-VI-D**
Preferred Age = **No Age**
Age Classification = Undefined
IGSN = **IESS10032**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Trachybasalt**
Lat-Lon = **38°49.0'S - 5°44.0'W**

Age Equations = **Min et al. (2000)**
Negative Intensities = **Allowed**
Collector Calibrations = **40Ar 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,$\beta^+$) = **0.580 ± 0.009 E-10 1/a**
Decay 40K($\beta^-$) = **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** | | | | | | |
| Cannot Calculate | | | | | | |
| **Total Fusion Age** | | 8.17655 ± 0.00493 ± 0.06% | **24.73 ± 0.10 ± 0.41%** | | 37 | 0.311 ± 0.001 |
| | | | Full External Error ± 0.57 | | | |
| | | | Analytical Error ± 0.01 | | | |
| **Normal Isochron** | | | | | | |
| Cannot Calculate | | | | | | |
| **Inverse Isochron** | | | | | | |
| Cannot Calculate | | | | | | |

**Notes**
Clear recoil pattern, not great.

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 14D30264 | 1.8 % | 0.1739671 | 15.8542 | 0.3219721 | 24.2013 | 235.425 | 29.38 ± 0.18 | 82.05 | 1.36 | 0.656 ± 0.023 |
| 14D30266 | 1.9 % | 0.0861226 | 36.0041 | 0.0116973 | 73.5877 | 657.046 | 26.98 ± 0.07 | 96.23 | 4.13 | 0.879 ± 0.014 |
| 14D30267 | 2.0 % | 0.0313661 | 22.9732 | 0.0000000 | 52.5455 | 452.290 | 26.02 ± 0.08 | 97.95 | 2.95 | 0.984 ± 0.024 |
| 14D30268 | 2.1 % | 0.0154585 | 12.1947 | 0.0000000 | 29.6749 | 253.370 | 25.81 ± 0.13 | 98.19 | 1.67 | 1.046 ± 0.045 |
| 14D30270 | 2.2 % | 0.0084094 | 7.4361 | 0.0000000 | 17.8529 | 152.035 | 25.75 ± 0.21 | 98.35 | 1.00 | 1.032 ± 0.075 |
| 14D30271 | 2.3 % | 0.0239053 | 31.1722 | 0.0000000 | 72.9745 | 614.791 | 25.47 ± 0.06 | 98.82 | 4.10 | 1.007 ± 0.019 |
| 14D30272 | 2.4 % | 0.0207243 | 28.8665 | 0.0000000 | 66.9845 | 560.467 | 25.30 ± 0.07 | 98.87 | 3.76 | 0.998 ± 0.020 |
| 14D30274 | 2.5 % | 0.0120962 | 21.0299 | 0.0000000 | 49.2765 | 410.979 | 25.22 ± 0.08 | 99.09 | 2.77 | 1.008 ± 0.026 |
| 14D30275 | 2.6 % | 0.0154172 | 29.3950 | 0.0000000 | 65.3189 | 542.615 | 25.12 ± 0.07 | 99.12 | 3.67 | 0.956 ± 0.020 |
| 14D30276 | 2.7 % | 0.0119790 | 26.4249 | 0.0000000 | 56.7689 | 469.727 | 25.02 ± 0.07 | 99.21 | 3.19 | 0.924 ± 0.020 |
| 14D30278 | 2.8 % | 0.0095796 | 34.0568 | 0.0000000 | 69.5376 | 574.421 | 24.98 ± 0.06 | 99.46 | 3.90 | 0.878 ± 0.015 |
| 14D30279 | 2.9 % | 0.0122421 | 50.6906 | 0.0000000 | 93.1452 | 766.927 | 24.90 ± 0.05 | 99.48 | 5.23 | 0.790 ± 0.010 |
| 14D30280 | 3.0 % | 0.0032985 | 10.4257 | 0.0000000 | 20.5530 | 169.249 | 24.90 ± 0.18 | 99.38 | 1.15 | 0.848 ± 0.043 |
| 14D30282 | 3.2 % | 0.0144543 | 68.7372 | 0.0000000 | 109.4585 | 895.759 | 24.75 ± 0.05 | 99.48 | 6.15 | 0.685 ± 0.007 |
| 14D30283 | 3.4 % | 0.0153364 | 79.0597 | 0.0000000 | 112.7032 | 918.983 | 24.66 ± 0.05 | 99.46 | 6.33 | 0.613 ± 0.006 |
| 14D30284 | 3.6 % | 0.0045841 | 22.1806 | 0.0133338 | 32.4546 | 264.577 | 24.65 ± 0.12 | 99.44 | 1.82 | 0.629 ± 0.016 |
| 14D30286 | 3.8 % | 0.0043174 | 18.2690 | 0.0000000 | 25.7098 | 209.568 | 24.65 ± 0.14 | 99.35 | 1.44 | 0.605 ± 0.018 |
| 14D30287 | 4.0 % | 0.0217029 | 154.1713 | 0.0000000 | 172.5496 | 1404.859 | 24.62 ± 0.04 | 99.50 | 9.69 | 0.481 ± 0.004 |
| 14D30288 | 4.3 % | 0.0148917 | 130.2186 | 0.0000000 | 132.0351 | 1071.790 | 24.55 ± 0.05 | 99.54 | 7.41 | 0.436 ± 0.004 |
| 14D30290 | 4.6 % | 0.0151024 | 101.7272 | 0.0167796 | 96.8166 | 786.353 | 24.56 ± 0.05 | 99.39 | 5.44 | 0.409 ± 0.004 |
| 14D30291 | 4.9 % | 0.0086033 | 60.0415 | 0.0057520 | 57.2451 | 463.279 | 24.48 ± 0.07 | 99.41 | 3.21 | 0.410 ± 0.005 |
| 14D30292 | 5.2 % | 0.0099214 | 51.6662 | 0.0167265 | 50.4056 | 407.408 | 24.44 ± 0.08 | 99.24 | 2.83 | 0.420 ± 0.005 |
| 14D30294 | 5.5 % | 0.0139991 | 49.9939 | 0.0007246 | 51.8560 | 417.253 | 24.34 ± 0.08 | 98.97 | 2.91 | 0.446 ± 0.006 |
| 14D30295 | 5.8 % | 0.0074934 | 24.0560 | 0.0297848 | 26.5961 | 213.268 | 24.25 ± 0.14 | 98.93 | 1.49 | 0.475 ± 0.011 |
| 14D30296 | 6.2 % | 0.0118442 | 33.7209 | 0.0222134 | 37.8142 | 300.849 | 24.06 ± 0.10 | 98.80 | 2.12 | 0.482 ± 0.008 |
| 14D30298 | 6.6 % | 0.0183326 | 35.0114 | 0.0149878 | 39.9097 | 313.608 | 23.77 ± 0.10 | 98.25 | 2.24 | 0.490 ± 0.008 |
| 14D30299 | 7.0 % | 0.0176092 | 24.6198 | 0.0260560 | 26.8789 | 208.093 | 23.42 ± 0.14 | 97.51 | 1.51 | 0.469 ± 0.011 |
| 14D30300 | 7.6 % | 0.0121098 | 19.6540 | 0.0000000 | 19.6300 | 150.109 | 23.14 ± 0.18 | 97.62 | 1.10 | 0.429 ± 0.013 |
| 14D30302 | 8.3 % | 0.0088284 | 14.8605 | 0.0342803 | 13.6104 | 103.049 | 22.91 ± 0.26 | 97.48 | 0.76 | 0.394 ± 0.014 |
| 14D30303 | 9.0 % | 0.0136417 | 19.5382 | 0.0571185 | 12.5841 | 93.223 | 22.42 ± 0.28 | 95.81 | 0.71 | 0.277 ± 0.008 |
| 14D30304 | 9.8 % | 0.0178458 | 41.0036 | 0.0246435 | 15.2772 | 109.842 | 21.76 ± 0.24 | 95.37 | 0.86 | 0.160 ± 0.003 |
| 14D30306 | 11.0 % | 0.0337350 | 99.8081 | 0.0959327 | 20.4483 | 142.154 | 21.04 ± 0.18 | 93.40 | 1.15 | 0.088 ± 0.001 |
| 14D30307 | 13.0 % | 0.0575500 | 364.1871 | 0.0973278 | 23.1456 | 152.384 | 19.94 ± 0.18 | 89.91 | 1.30 | 0.027 ± 0.000 |
| 14D30308 | 15.5 % | 0.0425329 | 470.4506 | 0.0235704 | 7.7183 | 50.497 | 19.81 ± 0.52 | 80.03 | 0.43 | 0.007 ± 0.000 |
| 14D30310 | 18.5 % | 0.0182784 | 155.3711 | 0.0000000 | 2.1653 | 14.755 | 20.63 ± 1.63 | 73.17 | 0.12 | 0.006 ± 0.000 |
| 14D30311 | 21.5 % | 0.0089355 | 61.0593 | 0.0235296 | 0.7731 | 5.609 | 21.96 ± 4.60 | 67.97 | 0.04 | 0.005 ± 0.001 |
| 14D30313 | 24.5 % | 0.0074327 | 37.8943 | 0.0200290 | 0.5300 | 3.676 | 21.00 ± 6.50 | 62.58 | 0.03 | 0.006 ± 0.001 |
| Σ | | 0.8236484 | 2463.8242 | 0.8564599 | 1780.7364 | 14560.284 | | | | |

**Information on Analysis**

Project = **MV1203 (13-INT-04)**
Sample = **MV1203-D52-05**
Material = **Groundmass**
Location = **Acushnet Guyot**
Region = **Walvis Ridge**
Analyst = **Susan Schnur**
Irradiation = **14-OSU-04 (4B14-14)**
J = **0.00168382 ± 0.00000345**
FCT-NM = **28.201 ± 0.023 Ma**

| Results | 40(r)/39(k) ± 2σ | Age ± 2σ (Ma) | MSWD | 39Ar(k) (%,n) | K/Ca ± 2σ |
|---|---|---|---|---|---|
| **Age Plateau** | | | | | |
| Cannot Calculate | | | | | |
| **Total Fusion Age** | 8.17655 ± 0.00493 ± 0.06% | **24.73 ± 0.10 ± 0.41%** | | 37 | 0.311 ± 0.001 |
| | | Full External Error ± 0.57 | | | |
| | | Analytical Error ± 0.01 | | | |

| Normal Isochron | | 39(k)/36(a) ± 2σ | 40(a+r)/36(a) ± 2σ | r.i. |
|---|---|---|---|---|
| 14D30264 | 1.8 % | 139.11 ± 2.87 | 1648.77 ± 33.79 | 0.9798 |
| 14D30266 | 1.9 % | 854.45 ± 31.21 | 7924.70 ± 289.19 | 0.9984 |
| 14D30267 | 2.0 % | 1675.23 ± 149.19 | 14715.18 ± 1310.34 | 0.9996 |
| 14D30268 | 2.1 % | 1919.65 ± 329.53 | 16685.77 ± 2864.22 | 0.9997 |
| 14D30270 | 2.2 % | 2122.96 ± 658.23 | 18374.61 ± 5697.10 | 0.9998 |
| 14D30271 | 2.3 % | 3052.65 ± 347.11 | 26013.31 ± 2957.70 | 0.9998 |
| 14D30272 | 2.4 % | 3232.17 ± 426.47 | 27339.41 ± 3607.07 | 0.9999 |
| 14D30274 | 2.5 % | 4073.73 ± 896.90 | 34271.50 ± 7545.27 | 0.9999 |
| 14D30275 | 2.6 % | 4236.76 ± 735.42 | 35490.94 ± 6160.32 | 0.9999 |
| 14D30276 | 2.7 % | 4739.05 ± 1076.07 | 39508.15 ± 8970.78 | 0.9999 |
| 14D30278 | 2.8 % | 7258.94 ± 2007.35 | 60258.52 ± 16663.33 | 1.0000 |
| 14D30279 | 2.9 % | 7608.57 ± 1679.56 | 62941.95 ± 13893.87 | 1.0000 |
| 14D30280 | 3.0 % | 6230.98 ± 4883.33 | 51605.93 ± 40444.49 | 1.0000 |
| 14D30282 | 3.2 % | 7572.75 ± 1460.36 | 62267.45 ± 12007.60 | 1.0000 |
| 14D30283 | 3.4 % | 7348.75 ± 1327.04 | 60217.34 ± 10873.76 | 1.0000 |
| 14D30284 | 3.6 % | 7079.84 ± 4043.64 | 58011.90 ± 33133.34 | 1.0000 |
| 14D30286 | 3.8 % | 5954.93 ± 3597.35 | 48835.86 ± 29501.60 | 1.0000 |
| 14D30287 | 4.0 % | 7950.55 ± 1083.19 | 65027.02 ± 8858.87 | 0.9999 |
| 14D30288 | 4.3 % | 8866.35 ± 1696.87 | 72267.82 ± 13830.47 | 1.0000 |
| 14D30290 | 4.6 % | 6410.66 ± 1175.46 | 52363.46 ± 9601.08 | 0.9999 |
| 14D30291 | 4.9 % | 6653.88 ± 2102.22 | 54144.76 ± 17106.30 | 1.0000 |
| 14D30292 | 5.2 % | 5080.50 ± 1385.65 | 41359.07 ± 11280.10 | 1.0000 |
| 14D30294 | 5.5 % | 3704.23 ± 726.26 | 30101.10 ± 5901.54 | 0.9999 |
| 14D30295 | 5.8 % | 3549.28 ± 1236.39 | 28756.37 ± 10017.27 | 0.9999 |
| 14D30296 | 6.2 % | 3192.63 ± 716.37 | 25696.03 ± 5765.64 | 0.9999 |
| 14D30298 | 6.6 % | 2176.98 ± 322.60 | 17402.08 ± 2578.66 | 0.9998 |
| 14D30299 | 7.0 % | 1526.41 ± 230.61 | 12112.77 ± 1830.02 | 0.9996 |
| 14D30300 | 7.6 % | 1621.00 ± 348.16 | 12691.11 ± 2725.92 | 0.9996 |
| 14D30302 | 8.3 % | 1541.66 ± 457.65 | 11967.91 ± 3552.95 | 0.9996 |
| 14D30303 | 9.0 % | 922.47 ± 178.98 | 7129.18 ± 1383.43 | 0.9989 |
| 14D30304 | 9.8 % | 856.07 ± 130.21 | 6450.54 ± 981.26 | 0.9986 |
| 14D30306 | 11.0 % | 606.14 ± 50.15 | 4509.34 ± 373.19 | 0.9974 |
| 14D30307 | 13.0 % | 402.18 ± 24.11 | 2943.35 ± 176.53 | 0.9958 |
| 14D30308 | 15.5 % | 181.47 ± 14.95 | 1482.74 ± 122.42 | 0.9846 |
| 14D30310 | 18.5 % | 118.46 ± 18.52 | 1102.73 ± 172.73 | 0.9550 |
| 14D30311 | 21.5 % | 86.52 ± 27.54 | 923.18 ± 290.77 | 0.9207 |
| 14D30313 | 24.5 % | 71.31 ± 26.90 | 790.11 ± 293.58 | 0.8879 |

| Results | 40(a)/36(a) ± 2σ | 40(r)/39(k) ± 2σ | Age ± 2σ (Ma) | MSWD |
|---|---|---|---|---|
| **Normal Isochron** | | | | |
| Cannot Calculate | | | | |

| Inverse Isochron | | 39(k)/40(a+r) ±2σ | 36(a)/40(a+r) ±2σ | r.i. |
|---|---|---|---|---|
| 14D30264 | 1.8 % | 0.0843745 ± 0.0003489 | 0.00060651 ± 0.00001243 | 0.0689 |
| 14D30266 | 1.9 % | 0.1078215 ± 0.0002216 | 0.00012619 ± 0.00000460 | 0.0137 |
| 14D30267 | 2.0 % | 0.1138435 ± 0.0002872 | 0.00006796 ± 0.00000605 | 0.0100 |
| 14D30268 | 2.1 % | 0.1150469 ± 0.0004598 | 0.00005993 ± 0.00001029 | 0.0104 |
| 14D30270 | 2.2 % | 0.1155377 ± 0.0007214 | 0.00005442 ± 0.00001687 | 0.0102 |
| 14D30271 | 2.3 % | 0.1173497 ± 0.0002458 | 0.00003844 ± 0.00000437 | 0.0052 |
| 14D30272 | 2.4 % | 0.1182237 ± 0.0002658 | 0.00003658 ± 0.00000483 | 0.0051 |
| 14D30274 | 2.5 % | 0.1188664 ± 0.0003237 | 0.00002918 ± 0.00000642 | 0.0046 |
| 14D30275 | 2.6 % | 0.1193758 ± 0.0002721 | 0.00002818 ± 0.00000489 | 0.0041 |
| 14D30276 | 2.7 % | 0.1199511 ± 0.0002964 | 0.00002531 ± 0.00000575 | 0.0038 |
| 14D30278 | 2.8 % | 0.1204633 ± 0.0002659 | 0.00001660 ± 0.00000459 | 0.0024 |
| 14D30279 | 2.9 % | 0.1208823 ± 0.0002314 | 0.00001589 ± 0.00000351 | 0.0019 |
| 14D30280 | 3.0 % | 0.1207416 ± 0.0006871 | 0.00001938 ± 0.00001519 | 0.0037 |
| 14D30282 | 3.2 % | 0.1216165 ± 0.0002176 | 0.00001606 ± 0.00000310 | 0.0017 |
| 14D30283 | 3.4 % | 0.1220372 ± 0.0002172 | 0.00001661 ± 0.00000300 | 0.0018 |
| 14D30284 | 3.6 % | 0.1220412 ± 0.0004656 | 0.00001724 ± 0.00000985 | 0.0031 |
| 14D30286 | 3.8 % | 0.1219376 ± 0.0005606 | 0.00002048 ± 0.00001237 | 0.0038 |
| 14D30287 | 4.0 % | 0.1222653 ± 0.0001978 | 0.00001538 ± 0.00000210 | 0.0011 |
| 14D30288 | 4.3 % | 0.1226874 ± 0.0002075 | 0.00001384 ± 0.00000265 | 0.0013 |
| 14D30290 | 4.6 % | 0.1224262 ± 0.0002298 | 0.00001910 ± 0.00000350 | 0.0023 |
| 14D30291 | 4.9 % | 0.1228905 ± 0.0003030 | 0.00001847 ± 0.00000584 | 0.0028 |
| 14D30292 | 5.2 % | 0.1228388 ± 0.0003328 | 0.00002418 ± 0.00000659 | 0.0038 |
| 14D30294 | 5.5 % | 0.1230595 ± 0.0003293 | 0.00003322 ± 0.00000651 | 0.0051 |
| 14D30295 | 5.8 % | 0.1234261 ± 0.0005564 | 0.00003477 ± 0.00001211 | 0.0065 |
| 14D30296 | 6.2 % | 0.1242461 ± 0.0004208 | 0.00003892 ± 0.00000873 | 0.0068 |
| 14D30298 | 6.6 % | 0.1250989 ± 0.0004052 | 0.00005746 ± 0.00000852 | 0.0098 |
| 14D30299 | 7.0 % | 0.1260168 ± 0.0005516 | 0.00008256 ± 0.00001247 | 0.0157 |
| 14D30300 | 7.6 % | 0.1277269 ± 0.0007793 | 0.00007880 ± 0.00001692 | 0.0153 |
| 14D30302 | 8.3 % | 0.1288158 ± 0.0011152 | 0.00008356 ± 0.00002481 | 0.0164 |
| 14D30303 | 9.0 % | 0.1293938 ± 0.0012015 | 0.00014027 ± 0.00002722 | 0.0277 |
| 14D30304 | 9.8 % | 0.1327124 ± 0.0010665 | 0.00015503 ± 0.00002358 | 0.0291 |
| 14D30306 | 11.0 % | 0.1344195 ± 0.0008093 | 0.00022176 ± 0.00001835 | 0.0409 |
| 14D30307 | 13.0 % | 0.1366409 ± 0.0007477 | 0.00033975 ± 0.00002038 | 0.0502 |
| 14D30308 | 15.5 % | 0.1223851 ± 0.0017697 | 0.00067443 ± 0.00005568 | 0.0991 |
| 14D30310 | 18.5 % | 0.1074283 ± 0.0050420 | 0.00090684 ± 0.00014204 | 0.1569 |
| 14D30311 | 21.5 % | 0.0937150 ± 0.0118179 | 0.00108321 ± 0.00034117 | 0.1737 |
| 14D30313 | 24.5 % | 0.0902568 ± 0.0160056 | 0.00126565 ± 0.00047028 | 0.2063 |

| Results | 40(a)/36(a) ±2σ | 40(r)/39(k) ±2σ | Age ±2σ (Ma) | MSWD |
|---|---|---|---|---|
| **Inverse Isochron** | | | | |
| Cannot Calculate | | | | |

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14D30264 | 1.8 % | 0.1739671 | 1.02 | 0.0000000 | 0.00 | 0.0042220 | 1.73 | 0.0000482 | 12.13 | 15.8542 | 1.72 | 0.0325144 | 1.02 | 0.0000000 | 0.00 | 0.291166 | 0.23 | 0.0011383 | 12.94 | 0.3219721 | 12.17 | 24.2013 | 0.17 | 0.0107111 | 2.17 | 235.425 | 0.27 | 51.40727 | 1.02 | 0.0000000 | 0.00 | 0.0925215 | 2.67 |
| 14D30266 | 1.9 % | 0.0861226 | 1.82 | 0.0000000 | 0.00 | 0.0095879 | 0.80 | 0.0000017 | 331.25 | 36.0041 | 0.79 | 0.0160963 | 1.82 | 0.0000000 | 0.00 | 0.885333 | 0.18 | 0.0025851 | 12.84 | 0.0116973 | 331.25 | 73.5877 | 0.09 | 0.0243244 | 1.54 | 657.046 | 0.09 | 25.44922 | 1.82 | 0.0000000 | 0.00 | 0.2813256 | 2.66 |
| 14D30267 | 2.0 % | 0.0313661 | 4.45 | 0.0000000 | 0.00 | 0.0061178 | 1.24 | 0.0000000 | 0.00 | 22.9732 | 1.23 | 0.0058623 | 4.45 | 0.0000000 | 0.00 | 0.632174 | 0.19 | 0.0016495 | 12.88 | 0.0000000 | 0.00 | 52.5455 | 0.10 | 0.0155207 | 1.81 | 452.290 | 0.12 | 9.26870 | 4.45 | 0.0000000 | 0.00 | 0.2008813 | 2.66 |
| 14D30268 | 2.1 % | 0.0154585 | 8.58 | 0.0000000 | 0.00 | 0.0032474 | 2.17 | 0.0000000 | 0.00 | 12.1947 | 2.16 | 0.0028892 | 8.58 | 0.0000000 | 0.00 | 0.357019 | 0.22 | 0.0008756 | 13.00 | 0.0000000 | 0.00 | 29.6749 | 0.15 | 0.0082387 | 2.53 | 253.370 | 0.21 | 4.56800 | 8.58 | 0.0000000 | 0.00 | 0.1134472 | 2.66 |
| 14D30270 | 2.2 % | 0.0084094 | 15.50 | 0.0000000 | 0.00 | 0.0019802 | 3.63 | 0.0000000 | 0.00 | 7.4361 | 3.62 | 0.0015717 | 15.50 | 0.0000000 | 0.00 | 0.214788 | 0.27 | 0.0005339 | 13.32 | 0.0000000 | 0.00 | 17.8529 | 0.22 | 0.0050239 | 3.86 | 152.035 | 0.34 | 2.48498 | 15.50 | 0.0000000 | 0.00 | 0.0682515 | 2.67 |
| 14D30271 | 2.3 % | 0.0239053 | 5.68 | 0.0000000 | 0.00 | 0.0083012 | 0.95 | 0.0000000 | 0.00 | 31.1722 | 0.94 | 0.0044679 | 5.68 | 0.0000000 | 0.00 | 0.877956 | 0.18 | 0.0022382 | 12.85 | 0.0000000 | 0.00 | 72.9745 | 0.09 | 0.0210600 | 1.62 | 614.791 | 0.09 | 7.06401 | 5.68 | 0.0000000 | 0.00 | 0.2789815 | 2.66 |
| 14D30272 | 2.4 % | 0.0207243 | 6.60 | 0.0000000 | 0.00 | 0.0076871 | 1.02 | 0.0000000 | 0.00 | 28.8665 | 1.01 | 0.0038734 | 6.60 | 0.0000000 | 0.00 | 0.805890 | 0.19 | 0.0020726 | 12.86 | 0.0000000 | 0.00 | 66.9845 | 0.09 | 0.0195022 | 1.66 | 560.467 | 0.09 | 6.12404 | 6.60 | 0.0000000 | 0.00 | 0.2560816 | 2.66 |
| 14D30274 | 2.5 % | 0.0120962 | 11.01 | 0.0000000 | 0.00 | 0.0056003 | 1.32 | 0.0000000 | 0.00 | 21.0299 | 1.31 | 0.0022608 | 11.01 | 0.0000000 | 0.00 | 0.592845 | 0.19 | 0.0015099 | 12.89 | 0.0000000 | 0.00 | 49.2765 | 0.11 | 0.0142078 | 1.86 | 410.979 | 0.13 | 3.57441 | 11.01 | 0.0000000 | 0.00 | 0.1883839 | 2.66 |
| 14D30275 | 2.6 % | 0.0154172 | 8.68 | 0.0000000 | 0.00 | 0.0078279 | 1.03 | 0.0000000 | 0.00 | 29.3950 | 1.02 | 0.0028815 | 8.68 | 0.0000000 | 0.00 | 0.785851 | 0.19 | 0.0021106 | 12.86 | 0.0000000 | 0.00 | 65.3189 | 0.09 | 0.0198593 | 1.67 | 542.615 | 0.10 | 4.55578 | 8.68 | 0.0000000 | 0.00 | 0.2497141 | 2.66 |
| 14D30276 | 2.7 % | 0.0119790 | 11.35 | 0.0000000 | 0.00 | 0.0070370 | 1.07 | 0.0000000 | 0.00 | 26.4249 | 1.06 | 0.0022389 | 11.35 | 0.0000000 | 0.00 | 0.682986 | 0.19 | 0.0018973 | 12.86 | 0.0000000 | 0.00 | 56.7689 | 0.10 | 0.0178527 | 1.69 | 469.727 | 0.11 | 3.53978 | 11.35 | 0.0000000 | 0.00 | 0.2170274 | 2.66 |
| 14D30278 | 2.8 % | 0.0095796 | 13.83 | 0.0000000 | 0.00 | 0.0090693 | 0.88 | 0.0000000 | 0.00 | 34.0568 | 0.87 | 0.0017904 | 13.83 | 0.0000000 | 0.00 | 0.836607 | 0.18 | 0.0024453 | 12.85 | 0.0000000 | 0.00 | 69.5376 | 0.09 | 0.0230088 | 1.58 | 574.421 | 0.09 | 2.83077 | 13.83 | 0.0000000 | 0.00 | 0.2658424 | 2.66 |
| 14D30279 | 2.9 % | 0.0122421 | 11.04 | 0.0000000 | 0.00 | 0.0134989 | 0.65 | 0.0000000 | 0.00 | 50.6906 | 0.63 | 0.0022881 | 11.04 | 0.0000000 | 0.00 | 1.120630 | 0.18 | 0.0036396 | 12.84 | 0.0000000 | 0.00 | 93.1452 | 0.08 | 0.0342465 | 1.46 | 766.927 | 0.07 | 3.61755 | 11.04 | 0.0000000 | 0.00 | 0.3560942 | 2.66 |
| 14D30280 | 3.0 % | 0.0032985 | 39.19 | 0.0000000 | 0.00 | 0.0027764 | 2.55 | 0.0000000 | 0.00 | 10.4257 | 2.55 | 0.0006165 | 39.19 | 0.0000000 | 0.00 | 0.247274 | 0.26 | 0.0007486 | 13.07 | 0.0000000 | 0.00 | 20.5530 | 0.20 | 0.0070436 | 2.87 | 169.249 | 0.30 | 0.97471 | 39.19 | 0.0000000 | 0.00 | 0.0785742 | 2.67 |
| 14D30282 | 3.2 % | 0.0144543 | 9.64 | 0.0000000 | 0.00 | 0.0183047 | 0.53 | 0.0000000 | 0.00 | 68.7372 | 0.51 | 0.0027015 | 9.64 | 0.0000000 | 0.00 | 1.316896 | 0.18 | 0.0049353 | 12.83 | 0.0000000 | 0.00 | 109.4585 | 0.08 | 0.0464389 | 1.41 | 895.759 | 0.06 | 4.27124 | 9.64 | 0.0000000 | 0.00 | 0.4184600 | 2.66 |
| 14D30283 | 3.4 % | 0.0153364 | 9.03 | 0.0000000 | 0.00 | 0.0210536 | 0.51 | 0.0000000 | 0.00 | 79.0597 | 0.49 | 0.0028664 | 9.03 | 0.0000000 | 0.00 | 1.355932 | 0.18 | 0.0056765 | 12.83 | 0.0000000 | 0.00 | 112.7032 | 0.08 | 0.0534127 | 1.41 | 918.983 | 0.06 | 4.53190 | 9.03 | 0.0000000 | 0.00 | 0.4308642 | 2.66 |
| 14D30284 | 3.6 % | 0.0045841 | 28.56 | 0.0000000 | 0.00 | 0.0059067 | 1.25 | 0.0000020 | 280.46 | 22.1806 | 1.24 | 0.0008568 | 28.56 | 0.0000000 | 0.00 | 0.390461 | 0.21 | 0.0015926 | 12.88 | 0.0133338 | 280.46 | 32.4546 | 0.14 | 0.0149852 | 1.81 | 264.577 | 0.20 | 1.35460 | 28.56 | 0.0000000 | 0.00 | 0.1240738 | 2.66 |
| 14D30286 | 3.8 % | 0.0043174 | 30.20 | 0.0000000 | 0.00 | 0.0048650 | 1.49 | 0.0000000 | 0.00 | 18.2690 | 1.48 | 0.0008069 | 30.20 | 0.0000000 | 0.00 | 0.309315 | 0.23 | 0.0013117 | 12.91 | 0.0000000 | 0.00 | 25.7098 | 0.16 | 0.0123426 | 1.99 | 209.568 | 0.25 | 1.27579 | 30.20 | 0.0000000 | 0.00 | 0.0982886 | 2.66 |
| 14D30287 | 4.0 % | 0.0217029 | 6.81 | 0.0000000 | 0.00 | 0.0410558 | 0.41 | 0.0000000 | 0.00 | 154.1713 | 0.39 | 0.0040563 | 6.81 | 0.0000000 | 0.00 | 2.075944 | 0.18 | 0.0110695 | 12.83 | 0.0000000 | 0.00 | 172.5496 | 0.08 | 0.1041581 | 1.38 | 1404.859 | 0.04 | 6.41320 | 6.81 | 0.0000000 | 0.00 | 0.6596572 | 2.66 |
| 14D30288 | 4.3 % | 0.0148917 | 9.57 | 0.0000000 | 0.00 | 0.0346772 | 0.43 | 0.0000000 | 0.00 | 130.2186 | 0.40 | 0.0027833 | 9.57 | 0.0000000 | 0.00 | 1.588514 | 0.18 | 0.0093497 | 12.83 | 0.0000000 | 0.00 | 132.0351 | 0.08 | 0.0879757 | 1.38 | 1071.790 | 0.05 | 4.40050 | 9.57 | 0.0000000 | 0.00 | 0.5047700 | 2.66 |
| 14D30290 | 4.6 % | 0.0151024 | 9.17 | 0.0000000 | 0.00 | 0.0270900 | 0.46 | 0.0000025 | 229.93 | 101.7272 | 0.43 | 0.0028226 | 9.17 | 0.0000000 | 0.00 | 1.164801 | 0.18 | 0.0073040 | 12.83 | 0.0167796 | 229.93 | 96.8166 | 0.08 | 0.0687269 | 1.39 | 786.353 | 0.07 | 4.46277 | 9.17 | 0.0000000 | 0.00 | 0.3701299 | 2.66 |
| 14D30291 | 4.9 % | 0.0086033 | 15.80 | 0.0000000 | 0.00 | 0.0159890 | 0.59 | 0.0000009 | 661.37 | 60.0415 | 0.57 | 0.0016080 | 15.80 | 0.0000000 | 0.00 | 0.688716 | 0.19 | 0.0043110 | 12.83 | 0.0057520 | 661.37 | 57.2451 | 0.10 | 0.0405640 | 1.44 | 463.279 | 0.11 | 2.54226 | 15.80 | 0.0000000 | 0.00 | 0.2188479 | 2.66 |
| 14D30292 | 5.2 % | 0.0099214 | 13.64 | 0.0000000 | 0.00 | 0.0137587 | 0.63 | 0.0000025 | 213.24 | 51.6662 | 0.61 | 0.0018543 | 13.64 | 0.0000000 | 0.00 | 0.606430 | 0.19 | 0.0037096 | 12.83 | 0.0167265 | 213.24 | 50.4056 | 0.11 | 0.0349057 | 1.46 | 407.408 | 0.13 | 2.93177 | 13.64 | 0.0000000 | 0.00 | 0.1927006 | 2.66 |
| 14D30294 | 5.5 % | 0.0139991 | 9.80 | 0.0000000 | 0.00 | 0.0133134 | 0.67 | 0.0000001 | ###### | 49.9939 | 0.65 | 0.0026164 | 9.80 | 0.0000000 | 0.00 | 0.623880 | 0.19 | 0.0035896 | 12.84 | 0.0007246 | ###### | 51.8560 | 0.11 | 0.0337759 | 1.47 | 417.253 | 0.13 | 4.13675 | 9.80 | 0.0000000 | 0.00 | 0.1982455 | 2.66 |
| 14D30295 | 5.8 % | 0.0074934 | 17.42 | 0.0000000 | 0.00 | 0.0064061 | 1.18 | 0.0000045 | 128.37 | 24.0560 | 1.17 | 0.0014005 | 17.42 | 0.0000000 | 0.00 | 0.319978 | 0.23 | 0.0017272 | 12.87 | 0.0297848 | 128.38 | 26.5961 | 0.16 | 0.0162523 | 1.77 | 213.268 | 0.24 | 2.21429 | 17.42 | 0.0000000 | 0.00 | 0.1016770 | 2.66 |
| 14D30296 | 6.2 % | 0.0118442 | 11.22 | 0.0000000 | 0.00 | 0.0089799 | 0.87 | 0.0000033 | 168.37 | 33.7209 | 0.86 | 0.0022137 | 11.22 | 0.0000000 | 0.00 | 0.454942 | 0.20 | 0.0024212 | 12.85 | 0.0222134 | 168.37 | 37.8142 | 0.13 | 0.0227818 | 1.58 | 300.849 | 0.17 | 3.49996 | 11.22 | 0.0000000 | 0.00 | 0.1445636 | 2.66 |
| 14D30298 | 6.6 % | 0.0183326 | 7.41 | 0.0000000 | 0.00 | 0.0093235 | 0.83 | 0.0000022 | 247.37 | 35.0114 | 0.82 | 0.0034264 | 7.41 | 0.0000000 | 0.00 | 0.480153 | 0.20 | 0.0025138 | 12.85 | 0.0149878 | 247.37 | 39.9097 | 0.12 | 0.0236537 | 1.55 | 313.608 | 0.17 | 5.41727 | 7.41 | 0.0000000 | 0.00 | 0.1525746 | 2.66 |
| 14D30299 | 7.0 % | 0.0176092 | 7.55 | 0.0000000 | 0.00 | 0.0065563 | 1.15 | 0.0000039 | 145.49 | 24.6198 | 1.14 | 0.0032912 | 7.55 | 0.0000000 | 0.00 | 0.323380 | 0.22 | 0.0017677 | 12.87 | 0.0260560 | 145.50 | 26.8789 | 0.15 | 0.0166332 | 1.74 | 208.093 | 0.25 | 5.20352 | 7.55 | 0.0000000 | 0.00 | 0.1027580 | 2.66 |
| 14D30300 | 7.6 % | 0.0121098 | 10.74 | 0.0000000 | 0.00 | 0.0052339 | 1.48 | 0.0000000 | 0.00 | 19.6540 | 1.47 | 0.0022633 | 10.74 | 0.0000000 | 0.00 | 0.236168 | 0.26 | 0.0014112 | 12.90 | 0.0000000 | 0.00 | 19.6300 | 0.21 | 0.0132782 | 1.98 | 150.109 | 0.34 | 3.57845 | 10.74 | 0.0000000 | 0.00 | 0.0750454 | 2.67 |
| 14D30302 | 8.3 % | 0.0088284 | 14.84 | 0.0000000 | 0.00 | 0.0039573 | 1.81 | 0.0000051 | 108.01 | 14.8605 | 1.81 | 0.0016500 | 14.84 | 0.0000000 | 0.00 | 0.163747 | 0.33 | 0.0010670 | 12.95 | 0.0342803 | 108.01 | 13.6104 | 0.29 | 0.0100397 | 2.24 | 103.049 | 0.50 | 2.60880 | 14.84 | 0.0000000 | 0.00 | 0.0520326 | 2.68 |
| 14D30303 | 9.0 % | 0.0136417 | 9.70 | 0.0000000 | 0.00 | 0.0052030 | 1.40 | 0.0000086 | 65.70 | 19.5382 | 1.39 | 0.0025496 | 9.70 | 0.0000000 | 0.00 | 0.151399 | 0.34 | 0.0014028 | 12.89 | 0.0571185 | 65.71 | 12.5841 | 0.30 | 0.0132000 | 1.92 | 93.223 | 0.56 | 4.03112 | 9.70 | 0.0000000 | 0.00 | 0.0481089 | 2.68 |
| 14D30304 | 9.8 % | 0.0178458 | 7.60 | 0.0000000 | 0.00 | 0.0109193 | 0.75 | 0.0000037 | 151.09 | 41.0036 | 0.73 | 0.0033354 | 7.60 | 0.0000000 | 0.00 | 0.183800 | 0.31 | 0.0029441 | 12.84 | 0.0246435 | 151.09 | 15.2772 | 0.27 | 0.0277020 | 1.51 | 109.842 | 0.48 | 5.27343 | 7.60 | 0.0000000 | 0.00 | 0.0584047 | 2.67 |
| 14D30306 | 11.0 % | 0.0337350 | 4.13 | 0.0000000 | 0.00 | 0.0265789 | 0.48 | 0.0000144 | 39.88 | 99.8081 | 0.46 | 0.0063051 | 4.13 | 0.0000000 | 0.00 | 0.246013 | 0.26 | 0.0071662 | 12.83 | 0.0959327 | 39.89 | 20.4483 | 0.20 | 0.0674304 | 1.40 | 142.154 | 0.38 | 9.96870 | 4.13 | 0.0000000 | 0.00 | 0.0781738 | 2.67 |
| 14D30307 | 13.0 % | 0.0575500 | 2.99 | 0.0000000 | 0.00 | 0.0969830 | 0.38 | 0.0000146 | 39.81 | 364.1871 | 0.35 | 0.0107561 | 2.99 | 0.0000000 | 0.00 | 0.278464 | 0.24 | 0.0261486 | 12.82 | 0.0973278 | 39.82 | 23.1456 | 0.18 | 0.2460448 | 1.37 | 152.384 | 0.40 | 17.00602 | 2.99 | 0.0000000 | 0.00 | 0.0884855 | 2.67 |
| 14D30308 | 15.5 % | 0.0425329 | 4.09 | 0.0000000 | 0.00 | 0.1252810 | 0.38 | 0.0000035 | 156.26 | 470.4506 | 0.35 | 0.0079494 | 4.09 | 0.0000000 | 0.00 | 0.092858 | 0.50 | 0.0337784 | 12.82 | 0.0235704 | 156.27 | 7.7183 | 0.48 | 0.3178364 | 1.36 | 50.497 | 1.22 | 12.56847 | 4.09 | 0.0000000 | 0.00 | 0.0295069 | 2.70 |
| 14D30310 | 18.5 % | 0.0182784 | 7.65 | 0.0000000 | 0.00 | 0.0413753 | 0.41 | 0.0000000 | 0.00 | 155.3711 | 0.38 | 0.0034162 | 7.65 | 0.0000000 | 0.00 | 0.026051 | 1.63 | 0.0111556 | 12.83 | 0.0000000 | 0.00 | 2.1653 | 1.62 | 0.1049687 | 1.37 | 14.755 | 3.64 | 5.40127 | 7.65 | 0.0000000 | 0.00 | 0.0082781 | 3.11 |
| 14D30311 | 21.5 % | 0.0089355 | 15.19 | 0.0000000 | 0.00 | 0.0162601 | 0.57 | 0.0000035 | 155.38 | 61.0593 | 0.55 | 0.0016700 | 15.19 | 0.0000000 | 0.00 | 0.009301 | 4.75 | 0.0043841 | 12.83 | 0.0235296 | 155.38 | 0.7731 | 4.74 | 0.0412517 | 1.43 | 5.609 | 9.40 | 2.64043 | 15.19 | 0.0000000 | 0.00 | 0.0029554 | 5.44 |
| 14D30313 | 24.5 % | 0.0074327 | 17.64 | 0.0000000 | 0.00 | 0.0100912 | 0.79 | 0.0000030 | 190.04 | 37.8943 | 0.78 | 0.0013892 | 17.64 | 0.0000000 | 0.00 | 0.006377 | 6.68 | 0.0027208 | 12.84 | 0.0200290 | 190.04 | 0.5300 | 6.68 | 0.0256014 | 1.53 | 3.676 | 14.06 | 2.19636 | 17.64 | 0.0000000 | 0.00 | 0.0020264 | 7.19 |
| Σ | | 0.8236484 | 1.03 | 0.0000000 | 0.00 | 0.6561164 | 0.12 | 0.0001284 | 19.23 | 2463.8242 | 0.12 | 0.1539399 | 1.03 | 0.0000000 | 0.00 | 21.424040 | 0.04 | 0.1769026 | 3.61 | 0.8564599 | 19.22 | 1780.7364 | 0.02 | 1.6645596 | 0.39 | 14560.284 | 0.02 | 243.38809 | 1.03 | 0.0000000 | 0.00 | 6.8077553 | 0.56 |
| Σ | | | | | | | | 1.4798931 | 0.58 | 2463.8242 | 0.12 | | | | | | | | | 22.611342 | 0.73 | | | 1782.4010 | 0.02 | | | | | | | 14810.480 | 0.03 |

| Additional Parameters | | 40Ar/39Ar | 1σ | 37Ar/39Ar | 1σ | 36Ar/39Ar | 1σ | Time (days) | 37Ar (decay) | 39Ar (decay) | 40Ar (moles) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14D30264 | 1.8 % | 11.850501 | 0.024493 | 0.654807 | 0.011332 | 0.007362 | 0.000074 | 92.106 | 6.182673 | 1.00065100 | 1.377E-11 |
| 14D30266 | 1.9 % | 9.275346 | 0.009529 | 0.489107 | 0.003866 | 0.001300 | 0.000021 | 92.123 | 6.184708 | 1.00065111 | 3.277E-11 |
| 14D30267 | 2.0 % | 8.785214 | 0.011078 | 0.437077 | 0.005407 | 0.000713 | 0.000027 | 92.132 | 6.185811 | 1.00065118 | 2.216E-11 |
| 14D30268 | 2.1 % | 8.693517 | 0.017367 | 0.410829 | 0.008903 | 0.000630 | 0.000045 | 92.140 | 6.186829 | 1.00065124 | 1.239E-11 |
| 14D30270 | 2.2 % | 8.656570 | 0.027016 | 0.416406 | 0.015110 | 0.000582 | 0.000073 | 92.158 | 6.188951 | 1.00065136 | 7.420E-12 |
| 14D30271 | 2.3 % | 8.522903 | 0.008922 | 0.427043 | 0.004021 | 0.000441 | 0.000019 | 92.167 | 6.190055 | 1.00065142 | 2.986E-11 |
| 14D30272 | 2.4 % | 8.459902 | 0.009504 | 0.430817 | 0.004379 | 0.000424 | 0.000020 | 92.175 | 6.191074 | 1.00065148 | 2.721E-11 |
| 14D30274 | 2.5 % | 8.414206 | 0.011451 | 0.426651 | 0.005599 | 0.000359 | 0.000027 | 92.192 | 6.193197 | 1.00065160 | 1.991E-11 |
| 14D30275 | 2.6 % | 8.378185 | 0.009543 | 0.449887 | 0.004619 | 0.000356 | 0.000020 | 92.201 | 6.194217 | 1.00065166 | 2.628E-11 |
| 14D30276 | 2.7 % | 8.337930 | 0.010296 | 0.465337 | 0.004933 | 0.000335 | 0.000024 | 92.210 | 6.195322 | 1.00065173 | 2.273E-11 |
| 14D30278 | 2.8 % | 8.302360 | 0.009159 | 0.489599 | 0.004264 | 0.000268 | 0.000019 | 92.227 | 6.197446 | 1.00065185 | 2.772E-11 |
| 14D30279 | 2.9 % | 8.273288 | 0.007916 | 0.544010 | 0.003449 | 0.000276 | 0.000014 | 92.235 | 6.198467 | 1.00065191 | 3.700E-11 |
| 14D30280 | 3.0 % | 8.283132 | 0.023558 | 0.507084 | 0.012954 | 0.000295 | 0.000063 | 92.244 | 6.199572 | 1.00065197 | 8.174E-12 |
| 14D30282 | 3.2 % | 8.222902 | 0.007352 | 0.627709 | 0.003239 | 0.000299 | 0.000013 | 92.261 | 6.201613 | 1.00065209 | 4.322E-11 |
| 14D30283 | 3.4 % | 8.194163 | 0.007287 | 0.701154 | 0.003495 | 0.000323 | 0.000012 | 92.270 | 6.202719 | 1.00065215 | 4.435E-11 |
| 14D30284 | 3.6 % | 8.193994 | 0.015622 | 0.683120 | 0.008543 | 0.000323 | 0.000040 | 92.278 | 6.203740 | 1.00065221 | 1.277E-11 |
| 14D30286 | 3.8 % | 8.200800 | 0.018841 | 0.710244 | 0.010609 | 0.000357 | 0.000051 | 92.296 | 6.205868 | 1.00065233 | 1.013E-11 |
| 14D30287 | 4.0 % | 8.177823 | 0.006610 | 0.892951 | 0.003509 | 0.000363 | 0.000009 | 92.305 | 6.206975 | 1.00065240 | 6.777E-11 |
| 14D30288 | 4.3 % | 8.149190 | 0.006884 | 0.985586 | 0.004014 | 0.000375 | 0.000011 | 92.313 | 6.207996 | 1.00065246 | 5.168E-11 |
| 14D30290 | 4.6 % | 8.166214 | 0.007657 | 1.049976 | 0.004619 | 0.000436 | 0.000014 | 92.331 | 6.210126 | 1.00065258 | 3.798E-11 |
| 14D30291 | 4.9 % | 8.135381 | 0.010023 | 1.048107 | 0.006100 | 0.000429 | 0.000024 | 92.339 | 6.211148 | 1.00065264 | 2.237E-11 |
| 14D30292 | 5.2 % | 8.138937 | 0.011019 | 1.024300 | 0.006390 | 0.000470 | 0.000027 | 92.348 | 6.212255 | 1.00065270 | 1.971E-11 |
| 14D30294 | 5.5 % | 8.124680 | 0.010864 | 0.963462 | 0.006371 | 0.000526 | 0.000026 | 92.365 | 6.214386 | 1.00065282 | 2.024E-11 |
| 14D30295 | 5.8 % | 8.100890 | 0.018248 | 0.903941 | 0.010698 | 0.000522 | 0.000049 | 92.374 | 6.215409 | 1.00065288 | 1.035E-11 |
| 14D30296 | 6.2 % | 8.047516 | 0.013621 | 0.891215 | 0.007744 | 0.000550 | 0.000035 | 92.383 | 6.216518 | 1.00065295 | 1.462E-11 |
| 14D30298 | 6.6 % | 7.992762 | 0.012938 | 0.876746 | 0.007223 | 0.000693 | 0.000034 | 92.399 | 6.218564 | 1.00065306 | 1.532E-11 |
| 14D30299 | 7.0 % | 7.934362 | 0.017356 | 0.915387 | 0.010517 | 0.000899 | 0.000049 | 92.408 | 6.219673 | 1.00065313 | 1.024E-11 |
| 14D30300 | 7.6 % | 7.827735 | 0.023865 | 1.000546 | 0.014858 | 0.000883 | 0.000066 | 92.417 | 6.220697 | 1.00065319 | 7.381E-12 |
| 14D30302 | 8.3 % | 7.761122 | 0.033576 | 1.091041 | 0.019947 | 0.000939 | 0.000096 | 92.434 | 6.222831 | 1.00065331 | 5.074E-12 |
| 14D30303 | 9.0 % | 7.724064 | 0.035836 | 1.550987 | 0.022038 | 0.001497 | 0.000105 | 92.443 | 6.223940 | 1.00065337 | 4.671E-12 |
| 14D30304 | 9.8 % | 7.525267 | 0.030203 | 2.679119 | 0.020954 | 0.001880 | 0.000089 | 92.451 | 6.224965 | 1.00065343 | 5.528E-12 |
| 14D30306 | 11.0 % | 7.418753 | 0.022291 | 4.864958 | 0.024162 | 0.002941 | 0.000068 | 92.469 | 6.227100 | 1.00065355 | 7.306E-12 |
| 14D30307 | 13.0 % | 7.245255 | 0.019695 | 15.569140 | 0.061096 | 0.006607 | 0.000073 | 92.477 | 6.228125 | 1.00065361 | 8.135E-12 |
| 14D30308 | 15.5 % | 7.851430 | 0.055626 | 58.542238 | 0.334059 | 0.020883 | 0.000229 | 92.486 | 6.229236 | 1.00065368 | 3.029E-12 |
| 14D30310 | 18.5 % | 8.881797 | 0.203771 | 68.435911 | 1.087936 | 0.026276 | 0.000733 | 92.503 | 6.231372 | 1.00065380 | 9.679E-13 |
| 14D30311 | 21.5 % | 10.133722 | 0.620692 | 74.982857 | 3.401982 | 0.030945 | 0.002170 | 92.512 | 6.232398 | 1.00065386 | 3.961E-13 |
| 14D30313 | 24.5 % | 10.572650 | 0.913004 | 68.198727 | 4.378011 | 0.031543 | 0.003096 | 92.529 | 6.234536 | 1.00065398 | 2.820E-13 |

| Procedure Blanks | | 36Ar ± 1σ (SE) [fA] | 37Ar ± 1σ (SE) [fA] | 38Ar ± 1σ (SE) [fA] | 39Ar ± 1σ (SE) [fA] | 40Ar ± 1σ (SE) [fA] |
|---|---|---|---|---|---|---|
| 14D30264 | 1.8 % | 0.0180205 ± 0.0011519 | 0.0197608 ± 0.0299980 | 0.0840727 ± 0.0261175 | 0.0117402 ± 0.0254605 | 5.1818643 ± 0.3422274 |
| 14D30266 | 1.9 % | 0.0181180 ± 0.0011519 | 0.0189756 ± 0.0299980 | 0.0745054 ± 0.0261175 | 0.0065266 ± 0.0254605 | 5.2533935 ± 0.3422274 |
| 14D30267 | 2.0 % | 0.0181256 ± 0.0011519 | 0.0180124 ± 0.0299980 | 0.0701007 ± 0.0261175 | 0.0137699 ± 0.0254605 | 5.2667409 ± 0.3422274 |
| 14D30268 | 2.1 % | 0.0181099 ± 0.0011519 | 0.0168420 ± 0.0299980 | 0.0665052 ± 0.0261175 | 0.0189950 ± 0.0254605 | 5.2660806 ± 0.3422274 |
| 14D30270 | 2.2 % | 0.0180224 ± 0.0011519 | 0.0136960 ± 0.0299980 | 0.0604154 ± 0.0261175 | 0.0259462 ± 0.0254605 | 5.2329692 ± 0.3422274 |
| 14D30271 | 2.3 % | 0.0179554 ± 0.0011519 | 0.0117626 ± 0.0299980 | 0.0579686 ± 0.0261175 | 0.0277480 ± 0.0254605 | 5.2029078 ± 0.3422274 |
| 14D30272 | 2.4 % | 0.0178848 ± 0.0011519 | 0.0098432 ± 0.0299980 | 0.0561291 ± 0.0261175 | 0.0284758 ± 0.0254605 | 5.1696598 ± 0.3422274 |
| 14D30274 | 2.5 % | 0.0177224 ± 0.0011519 | 0.0055599 ± 0.0299980 | 0.0535288 ± 0.0261175 | 0.0275825 ± 0.0254605 | 5.0898144 ± 0.3422274 |
| 14D30275 | 2.6 % | 0.0176420 ± 0.0011519 | 0.0034246 ± 0.0299980 | 0.0528423 ± 0.0261175 | 0.0262063 ± 0.0254605 | 5.0491316 ± 0.3422274 |
| 14D30276 | 2.7 % | 0.0175564 ± 0.0011519 | 0.0010930 ± 0.0299980 | 0.0524865 ± 0.0261175 | 0.0241677 ± 0.0254605 | 5.0051571 ± 0.3422274 |
| 14D30278 | 2.8 % | 0.0174045 ± 0.0011519 | 0.0033396 ± 0.0299980 | 0.0528638 ± 0.0261175 | 0.0190358 ± 0.0254605 | 4.9254733 ± 0.3422274 |
| 14D30279 | 2.9 % | 0.0173407 ± 0.0011519 | 0.0053987 ± 0.0299980 | 0.0535059 ± 0.0261175 | 0.0161739 ± 0.0254605 | 4.8913699 ± 0.3422274 |
| 14D30280 | 3.0 % | 0.0172801 ± 0.0011519 | 0.0075495 ± 0.0299980 | 0.0545118 ± 0.0261175 | 0.0128939 ± 0.0254605 | 4.8586103 ± 0.3422274 |
| 14D30282 | 3.2 % | 0.0171956 ± 0.0011519 | 0.0112334 ± 0.0299980 | 0.0571414 ± 0.0261175 | 0.0066148 ± 0.0254605 | 4.8119868 ± 0.3422274 |
| 14D30283 | 3.4 % | 0.0171662 ± 0.0011519 | 0.0130399 ± 0.0299980 | 0.0589406 ± 0.0261175 | 0.0032244 ± 0.0254605 | 4.7952660 ± 0.3422274 |
| 14D30284 | 3.6 % | 0.0171497 ± 0.0011519 | 0.0145720 ± 0.0299980 | 0.0608075 ± 0.0261175 | 0.0001729 ± 0.0254605 | 4.7855942 ± 0.3422274 |
| 14D30286 | 3.8 % | 0.0171485 ± 0.0011519 | 0.0173015 ± 0.0299980 | 0.0652419 ± 0.0261175 | 0.0057549 ± 0.0254605 | 4.7838905 ± 0.3422274 |
| 14D30287 | 4.0 % | 0.0171651 ± 0.0011519 | 0.0184548 ± 0.0299980 | 0.0677886 ± 0.0261175 | 0.0085233 ± 0.0254605 | 4.7928958 ± 0.3422274 |
| 14D30288 | 4.3 % | 0.0171902 ± 0.0011519 | 0.0193493 ± 0.0299980 | 0.0702540 ± 0.0261175 | 0.0108462 ± 0.0254605 | 4.8070472 ± 0.3422274 |
| 14D30290 | 4.6 % | 0.0172691 ± 0.0011519 | 0.0206720 ± 0.0299980 | 0.0756428 ± 0.0261175 | 0.0148755 ± 0.0254605 | 4.8532978 ± 0.3422274 |
| 14D30291 | 4.9 % | 0.0173174 ± 0.0011519 | 0.0210441 ± 0.0299980 | 0.0783015 ± 0.0261175 | 0.0163910 ± 0.0254605 | 4.8826871 ± 0.3422274 |
| 14D30292 | 5.2 % | 0.0173752 ± 0.0011519 | 0.0212557 ± 0.0299980 | 0.0811968 ± 0.0261175 | 0.0177146 ± 0.0254605 | 4.9189373 ± 0.3422274 |
| 14D30294 | 5.5 % | 0.0174952 ± 0.0011519 | 0.0211155 ± 0.0299980 | 0.0866940 ± 0.0261175 | 0.0193323 ± 0.0254605 | 4.9983224 ± 0.3422274 |
| 14D30295 | 5.8 % | 0.0175526 ± 0.0011519 | 0.0208030 ± 0.0299980 | 0.0892446 ± 0.0261175 | 0.0196907 ± 0.0254605 | 5.0391576 ± 0.3422274 |
| 14D30296 | 6.2 % | 0.0176113 ± 0.0011519 | 0.0202959 ± 0.0299980 | 0.0919019 ± 0.0261175 | 0.0197948 ± 0.0254605 | 5.0838717 ± 0.3422274 |
| 14D30298 | 6.6 % | 0.0176993 ± 0.0011519 | 0.0189381 ± 0.0299980 | 0.0964038 ± 0.0261175 | 0.0193023 ± 0.0254605 | 5.1629795 ± 0.3422274 |
| 14D30299 | 7.0 % | 0.0177295 ± 0.0011519 | 0.0180006 ± 0.0299980 | 0.0985586 ± 0.0261175 | 0.0187311 ± 0.0254605 | 5.2010359 ± 0.3422274 |
| 14D30300 | 7.6 % | 0.0177421 ± 0.0011519 | 0.0170281 ± 0.0299980 | 0.1003300 ± 0.0261175 | 0.0180639 ± 0.0254605 | 5.2311962 ± 0.3422274 |
| 14D30302 | 8.3 % | 0.0177063 ± 0.0011519 | 0.0147420 ± 0.0299980 | 0.1032172 ± 0.0261175 | 0.0164348 ± 0.0254605 | 5.2717758 ± 0.3422274 |
| 14D30303 | 9.0 % | 0.0176458 ± 0.0011519 | 0.0134566 ± 0.0299980 | 0.1042173 ± 0.0261175 | 0.0155791 ± 0.0254605 | 5.2769673 ± 0.3422274 |
| 14D30304 | 9.8 % | 0.0175589 ± 0.0011519 | 0.0122401 ± 0.0299980 | 0.1047913 ± 0.0261175 | 0.0148658 ± 0.0254605 | 5.2694611 ± 0.3422274 |
| 14D30306 | 11.0 % | 0.0172629 ± 0.0011519 | 0.0097122 ± 0.0299980 | 0.1047677 ± 0.0261175 | 0.0139048 ± 0.0254605 | 5.2070567 ± 0.3422274 |
| 14D30307 | 13.0 % | 0.0170562 ± 0.0011519 | 0.0085527 ± 0.0299980 | 0.1041027 ± 0.0261175 | 0.0138452 ± 0.0254605 | 5.1502145 ± 0.3422274 |
| 14D30308 | 15.5 % | 0.0167776 ± 0.0011519 | 0.0073771 ± 0.0299980 | 0.1028515 ± 0.0261175 | 0.0141967 ± 0.0254605 | 5.0654289 ± 0.3422274 |
| 14D30310 | 18.5 % | 0.0160581 ± 0.0011519 | 0.0054831 ± 0.0299980 | 0.0987370 ± 0.0261175 | 0.0164837 ± 0.0254605 | 4.8235055 ± 0.3422274 |
| 14D30311 | 21.5 % | 0.0156155 ± 0.0011519 | 0.0048110 ± 0.0299980 | 0.0958888 ± 0.0261175 | 0.0185327 ± 0.0254605 | 4.6650748 ± 0.3422274 |
| 14D30313 | 24.5 % | 0.0144592 ± 0.0011519 | 0.0040875 ± 0.0299980 | 0.0879378 ± 0.0261175 | 0.0253409 ± 0.0254605 | 4.2319165 ± 0.3422274 |

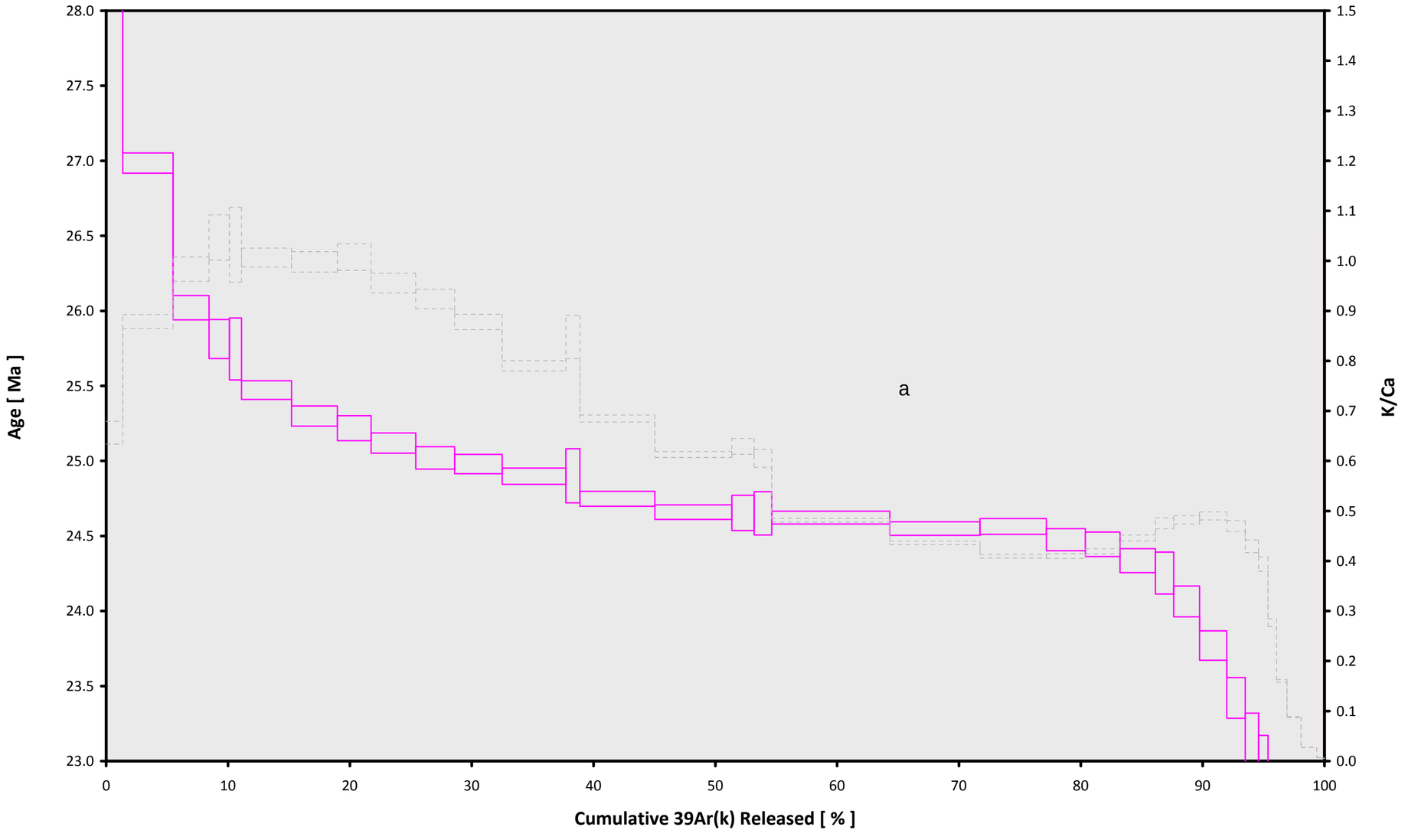
| Intercept Values | | 36Ar ± 1σ (SE) [fA] | r2 | Regression (type,n) | 37Ar ± 1σ (SE) [fA] | r2 | Regression (type,n) | 38Ar ± 1σ (SE) [fA] | r2 | Regression (type,n) | 39Ar ± 1σ (SE) [fA] | r2 | Regression (type,n) | 40Ar ± 1σ (SE) [fA] | r2 | Regression (type,n) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14D30264 | 1.8 % | 0.1877669 ± 0.0011250 | 0.9195 | EXP 149 of 150 | 2.5329068 ± 0.0300188 | 0.2113 | EXP 150 of 150 | 0.5541060 ± 0.0281648 | 0.0990 | EXP 150 of 150 | 24.0237047 ± 0.0261077 | 0.9626 | EXP 150 of 150 | 292.889078 ± 0.060948 | 0.9960 | EXP 150 of 150 |
| 14D30266 | 1.9 % | 0.1092707 ± 0.0009138 | 0.7857 | EXP 150 of 150 | 5.7243360 ± 0.0270712 | 0.5516 | EXP 150 of 150 | 0.8290141 ± 0.0278389 | 0.0276 | EXP 150 of 150 | 73.0817358 ± 0.0298986 | 0.9961 | EXP 150 of 150 | 689.893143 ± 0.056799 | 0.9995 | EXP 150 of 150 |
| 14D30267 | 2.0 % | 0.0538239 ± 0.0006523 | 0.7909 | EXP 150 of 150 | 3.6577880 ± 0.0310013 | 0.3328 | EXP 149 of 150 | 0.5227925 ± 0.0259290 | 0.0135 | EXP 150 of 150 | 52.1914620 ± 0.0277078 | 0.9936 | EXP 150 of 150 | 468.286111 ± 0.054108 | 0.9988 | EXP 150 of 150 |
| 14D30268 | 2.1 % | 0.0359248 ± 0.0005121 | 0.8075 | EXP 150 of 150 | 1.9485997 ± 0.0283115 | 0.0719 | EXP 150 of 150 | 0.2841935 ± 0.0293403 | 0.0147 | EXP 150 of 150 | 29.4856985 ± 0.0287518 | 0.9768 | EXP 150 of 150 | 264.021231 ± 0.046882 | 0.9939 | EXP 150 of 150 |
| 14D30270 | 2.2 % | 0.0279172 ± 0.0004570 | 0.7774 | EXP 150 of 150 | 1.1912495 ± 0.0300571 | 0.0997 | EXP 150 of 150 | 0.1485819 ± 0.0268662 | 0.0189 | EXP 150 of 150 | 17.7536226 ± 0.0264016 | 0.9438 | EXP 150 of 150 | 160.242963 ± 0.042351 | 0.9316 | EXP 150 of 150 |
| 14D30271 | 2.3 % | 0.0486276 ± 0.0005784 | 0.8290 | EXP 150 of 150 | 4.9471728 ± 0.0309779 | 0.4192 | EXP 150 of 150 | 0.7545451 ± 0.0245742 | 0.0582 | EXP 150 of 150 | 72.4910068 ± 0.0281034 | 0.9966 | EXP 150 of 150 | 629.034647 ± 0.066023 | 0.9993 | EXP 150 of 150 |
| 14D30272 | 2.4 % | 0.0449428 ± 0.0005970 | 0.8162 | EXP 150 of 150 | 4.5794344 ± 0.0315982 | 0.3665 | EXP 150 of 150 | 0.7002358 ± 0.0244695 | 0.0716 | EXP 150 of 150 | 66.5438250 ± 0.0320182 | 0.9946 | EXP 150 of 150 | 573.563367 ± 0.061096 | 0.9992 | EXP 150 of 150 |
| 14D30274 | 2.5 % | 0.0345758 ± 0.0005233 | 0.8103 | EXP 150 of 150 | 3.3334758 ± 0.0294452 | 0.2867 | EXP 150 of 150 | 0.4660239 ± 0.0249986 | 0.0067 | EXP 149 of 150 | 48.9588020 ± 0.0301414 | 0.9913 | EXP 149 of 150 | 420.963346 ± 0.050805 | 0.9988 | EXP 150 of 150 |
| 14D30275 | 2.6 % | 0.0397797 ± 0.0005355 | 0.8576 | EXP 150 of 150 | 4.6543270 ± 0.0333359 | 0.4327 | EXP 150 of 150 | 0.7083158 ± 0.0277820 | 0.0348 | EXP 150 of 150 | 64.8884540 ± 0.0311983 | 0.9947 | EXP 150 of 150 | 553.962876 ± 0.063518 | 0.9991 | EXP 150 of 150 |
| 14D30276 | 2.7 % | 0.0356665 ± 0.0005854 | 0.7955 | EXP 150 of 150 | 4.1813219 ± 0.0290775 | 0.3786 | EXP 150 of 150 | 0.5633717 ± 0.0280105 | 0.0006 | EXP 150 of 150 | 56.3967800 ± 0.0297896 | 0.9935 | EXP 150 of 150 | 479.780956 ± 0.052441 | 0.9991 | EXP 150 of 150 |
| 14D30278 | 2.8 % | 0.0351650 ± 0.0005059 | 0.8752 | EXP 150 of 150 | 5.3823522 ± 0.0306793 | 0.4376 | EXP 150 of 150 | 0.7121797 ± 0.0272194 | 0.0178 | EXP 150 of 150 | 69.0723853 ± 0.0316986 | 0.9952 | EXP 150 of 150 | 584.018778 ± 0.061283 | 0.9993 | EXP 150 of 150 |
| 14D30279 | 2.9 % | 0.0418555 ± 0.0005630 | 0.8768 | EXP 150 of 150 | 8.0094026 ± 0.0299358 | 0.7090 | EXP 150 of 150 | 1.0204050 ± 0.0283468 | 0.0462 | EXP 150 of 150 | 92.5161100 ± 0.0329020 | 0.9971 | EXP 150 of 150 | 777.895555 ± 0.066160 | 0.9996 | EXP 150 of 150 |
| 14D30280 | 3.0 % | 0.0230656 ± 0.0004285 | 0.7930 | EXP 150 of 150 | 1.6405839 ± 0.0288218 | 0.0557 | EXP 150 of 150 | 0.1443168 ± 0.0220304 | 0.0005 | EXP 150 of 150 | 20.4230275 ± 0.0284967 | 0.9514 | EXP 150 of 150 | 175.625126 ± 0.040876 | 0.9713 | EXP 150 of 150 |
| 14D30282 | 3.2 % | 0.0483941 ± 0.0006465 | 0.8598 | EXP 150 of 150 | 10.8514540 ± 0.0283582 | 0.8459 | EXP 150 of 150 | 1.2036411 ± 0.0265294 | 0.0590 | EXP 150 of 150 | 108.7129785 ± 0.0315315 | 0.9981 | EXP 150 of 150 | 907.717701 ± 0.074791 | 0.9996 | EXP 150 of 150 |
| 14D30283 | 3.4 % | 0.0518226 ± 0.0006256 | 0.8604 | EXP 150 of 150 | 12.4786969 ± 0.0328358 | 0.8138 | EXP 150 of 150 | 1.2324356 ± 0.0270668 | 0.0749 | EXP 150 of 150 | 111.9374740 ± 0.0328841 | 0.9980 | EXP 150 of 150 | 931.262296 ± 0.074256 | 0.9996 | EXP 150 of 150 |
| 14D30284 | 3.6 % | 0.0271426 ± 0.0004708 | 0.8264 | EXP 150 of 150 | 3.4894747 ± 0.0292358 | 0.3173 | EXP 150 of 150 | 0.3400276 ± 0.0260420 | 0.0301 | EXP 150 of 150 | 32.2329263 ± 0.0292611 | 0.9803 | EXP 150 of 150 | 271.566931 ± 0.047358 | 0.9954 | EXP 150 of 150 |
| 14D30286 | 3.8 % | 0.0258935 ± 0.0004584 | 0.7840 | EXP 150 of 150 | 2.8678101 ± 0.0289731 | 0.2405 | EXP 150 of 150 | 0.2186466 ± 0.0251577 | 0.0112 | EXP 150 of 150 | 25.5288098 ± 0.0270400 | 0.9740 | EXP 150 of 150 | 216.301799 ± 0.039702 | 0.9934 | EXP 150 of 150 |
| 14D30287 | 4.0 % | 0.0769341 ± 0.0007738 | 0.8627 | EXP 149 of 150 | 24.3245111 ± 0.0326793 | 0.9446 | EXP 150 of 150 | 1.9503065 ± 0.0252023 | 0.1288 | EXP 150 of 150 | 171.3860278 ± 0.0416439 | 0.9987 | EXP 150 of 150 | 1420.577529 ± 0.088390 | 0.9998 | EXP 150 of 150 |
| 14D30288 | 4.3 % | 0.0643978 ± 0.0006899 | 0.8720 | EXP 150 of 150 | 20.5382056 ± 0.0312645 | 0.9352 | EXP 150 of 150 | 1.4607418 ± 0.0258311 | 0.0497 | EXP 150 of 150 | 131.1485682 ± 0.0321837 | 0.9986 | EXP 150 of 150 | 1084.440612 ± 0.079413 | 0.9997 | EXP 150 of 150 |
| 14D30290 | 4.6 % | 0.0574539 ± 0.0006198 | 0.8314 | EXP 150 of 150 | 16.0334561 ± 0.0306225 | 0.8948 | EXP 150 of 150 | 1.1001968 ± 0.0275474 | 0.0753 | EXP 150 of 150 | 96.1638248 ± 0.0310852 | 0.9976 | EXP 150 of 150 | 798.198474 ± 0.074311 | 0.9995 | EXP 150 of 150 |
| 14D30291 | 4.9 % | 0.0407390 ± 0.0005792 | 0.7922 | EXP 149 of 150 | 9.4528686 ± 0.0319031 | 0.7167 | EXP 150 of 150 | 0.6127595 ± 0.0269023 | 0.0264 | EXP 150 of 150 | 56.8514387 ± 0.0288227 | 0.9941 | EXP 150 of 150 | 472.194885 ± 0.055958 | 0.9989 | EXP 150 of 150 |
| 14D30292 | 5.2 % | 0.0399297 ± 0.0005676 | 0.7746 | EXP 150 of 150 | 8.1296718 ± 0.0290607 | 0.7172 | EXP 149 of 150 | 0.5391520 ± 0.0235351 | 0.0413 | EXP 150 of 150 | 50.0548857 ± 0.0299058 | 0.9916 | EXP 150 of 150 | 416.571119 ± 0.053256 | 0.9985 | EXP 150 of 150 |
| 14D30294 | 5.5 % | 0.0435067 ± 0.0006068 | 0.7336 | EXP 150 of 150 | 7.8632780 ± 0.0321158 | 0.6339 | EXP 150 of 150 | 0.5357172 ± 0.0278693 | 0.0107 | EXP 150 of 150 | 51.4919850 ± 0.0310123 | 0.9917 | EXP 150 of 150 | 427.736582 ± 0.053541 | 0.9987 | EXP 150 of 150 |
| 14D30295 | 5.8 % | 0.0307942 ± 0.0004597 | 0.7689 | EXP 150 of 150 | 3.7723822 ± 0.0302166 | 0.3411 | EXP 150 of 150 | 0.2589474 ± 0.0272065 | 0.0074 | EXP 150 of 150 | 26.3985920 ± 0.0275686 | 0.9742 | EXP 150 of 150 | 221.211432 ± 0.043326 | 0.9924 | EXP 150 of 150 |
| 14D30296 | 6.2 % | 0.0374465 ± 0.0005153 | 0.7691 | EXP 150 of 150 | 5.2959034 ± 0.0293810 | 0.5369 | EXP 150 of 150 | 0.3834739 ± 0.0260403 | 0.0038 | EXP 150 of 150 | 37.5411899 ± 0.0293079 | 0.9860 | EXP 150 of 150 | 310.408268 ± 0.053120 | 0.9969 | EXP 150 of 150 |
| 14D30298 | 6.6 % | 0.0440400 ± 0.0005786 | 0.6675 | EXP 150 of 150 | 5.4988961 ± 0.0277658 | 0.5119 | EXP 149 of 150 | 0.3980056 ± 0.0255824 | 0.0002 | EXP 150 of 150 | 39.6227377 ± 0.0287830 | 0.9876 | EXP 150 of 150 | 325.211371 ± 0.052815 | 0.9974 | EXP 150 of 150 |
| 14D30299 | 7.0 % | 0.0407475 ± 0.0005174 | 0.6455 | EXP 150 of 150 | 3.8614248 ± 0.0296610 | 0.3041 | EXP 150 of 150 | 0.2512163 ± 0.0267583 | 0.0001 | EXP 150 of 150 | 26.6806244 ± 0.0234777 | 0.9816 | EXP 149 of 150 | 219.182226 ± 0.039665 | 0.9944 | EXP 150 of 150 |
| 14D30300 | 7.6 % | 0.0342596 ± 0.0004459 | 0.6963 | EXP 150 of 150 | 3.0794005 ± 0.0325947 | 0.1182 | EXP 150 of 150 | 0.1210648 ± 0.0258792 | 0.0054 | EXP 149 of 150 | 19.4818997 ± 0.0281171 | 0.9538 | EXP 150 of 150 | 159.412861 ± 0.041979 | 0.9707 | EXP 150 of 150 |
| 14D30302 | 8.3 % | 0.0298879 ± 0.0004734 | 0.6352 | EXP 150 of 150 | 2.3256804 ± 0.0286897 | 0.2957 | EXP 150 of 150 | 0.0948541 ± 0.0255316 | 0.0004 | EXP 149 of 150 | 13.5046620 ± 0.0273817 | 0.9012 | EXP 150 of 150 | 111.270166 ± 0.038954 | 0.4787 | EXP 150 of 150 |
| 14D30303 | 9.0 % | 0.0356010 ± 0.0005025 | 0.5037 | EXP 150 of 150 | 3.0631303 ± 0.0285664 | 0.2977 | EXP 150 of 150 | 0.1054236 ± 0.0262321 | 0.0054 | EXP 150 of 150 | 12.4898040 ± 0.0262319 | 0.8807 | EXP 150 of 150 | 102.844593 ± 0.039854 | 0.0006 | EXP 150 of 150 |
| 14D30304 | 9.8 % | 0.0449572 ± 0.0005737 | 0.4214 | EXP 150 of 150 | 6.4433372 ± 0.0294491 | 0.5887 | EXP 150 of 150 | 0.1070725 ± 0.0258215 | 0.0001 | EXP 149 of 150 | 15.1783808 ± 0.0299803 | 0.9194 | EXP 150 of 150 | 120.757071 ± 0.039308 | 0.8537 | EXP 150 of 150 |
| 14D30306 | 11.0 % | 0.0747174 ± 0.0006265 | 0.2047 | EXP 150 of 150 | 15.6986175 ± 0.0369059 | 0.8570 | EXP 150 of 150 | 0.2459174 ± 0.0272124 | 0.0138 | EXP 150 of 150 | 20.3521685 ± 0.0278342 | 0.9579 | EXP 150 of 150 | 157.823455 ± 0.037053 | 0.9822 | EXP 150 of 150 |
| 14D30307 | 13.0 % | 0.1642416 ± 0.0010272 | 0.0669 | EXP 150 of 150 | 57.2996935 ± 0.0309095 | 0.9913 | EXP 150 of 150 | 0.3030991 ± 0.0276920 | 0.0048 | EXP 150 of 150 | 23.2071261 ± 0.0290221 | 0.9640 | EXP 150 of 150 | 175.090765 ± 0.041512 | 0.9858 | EXP 150 of 150 |
| 14D30308 | 15.5 % | 0.1766006 ± 0.0010009 | 0.1358 | EXP 150 of 150 | 74.0092236 ± 0.0332455 | 0.9938 | EXP 150 of 150 | 0.0531992 ± 0.0248965 | 0.0006 | EXP 150 of 150 | 7.9632719 ± 0.0251493 | 0.7879 | EXP 150 of 150 | 68.332378 ± 0.034622 | 0.9673 | EXP 150 of 150 |
| 14D30310 | 18.5 % | 0.0728701 ± 0.0006253 | 0.0864 | EXP 150 of 150 | 24.4308749 ± 0.0296535 | 0.9542 | EXP 150 of 150 | 0.0798180 ± 0.0285567 | 0.0161 | EXP 150 of 150 | 2.2372708 ± 0.0236424 | 0.1033 | EXP 150 of 150 | 25.043010 ± 0.026440 | 0.9946 | EXP 150 of 150 |
| 14D30311 | 21.5 % | 0.0396142 ± 0.0005758 | 0.3911 | EXP 149 of 150 | 9.5968560 ± 0.0287859 | 0.7581 | EXP 149 of 150 | 0.0575222 ± 0.0248684 | 0.0001 | EXP 150 of 150 | 0.7898374 ± 0.0260142 | 0.0117 | EXP 150 of 150 | 12.939587 ± 0.029677 | 0.9948 | EXP 150 of 150 |
| 14D30313 | 24.5 % | 0.0311512 ± 0.0004735 | 0.5133 | EXP 150 of 150 | 5.9528015 ± 0.0287694 | 0.5535 | EXP 150 of 150 | 0.0578281 ± 0.0269793 | 0.0014 | EXP 150 of 150 | 0.5262508 ± 0.0242302 | 0.0020 | EXP 149 of 150 | 10.122587 ± 0.027177 | 0.9956 | EXP 150 of 150 |

| Project Info | | Analyst | Irradiation | X-pos | Y-pos | Z/H-pos | Project | Experiment | Nmb |
|---|---|---|---|---|---|---|---|---|---|
| 14D30264 | 1.8 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30266 | 1.9 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30267 | 2.0 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30268 | 2.1 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30270 | 2.2 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30271 | 2.3 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30272 | 2.4 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30274 | 2.5 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30275 | 2.6 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30276 | 2.7 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30278 | 2.8 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30279 | 2.9 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30280 | 3.0 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30282 | 3.2 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30283 | 3.4 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30284 | 3.6 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30286 | 3.8 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30287 | 4.0 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30288 | 4.3 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30290 | 4.6 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30291 | 4.9 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30292 | 5.2 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30294 | 5.5 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30295 | 5.8 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30296 | 6.2 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30298 | 6.6 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30299 | 7.0 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30300 | 7.6 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30302 | 8.3 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30303 | 9.0 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30304 | 9.8 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30306 | 11.0 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30307 | 13.0 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30308 | 15.5 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30310 | 18.5 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30311 | 21.5 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 01 |
| 14D30313 | 24.5 % | Susan Schnur | 14-OSU-04 | 0.00 | 0.00 | 23.11 | Walvis Ridge\MV1203 (13-INT-04) | 14D30263 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14D30264 | 1.8 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 6 | NOV | 2014 | 18 | 33 | 1 |
| 14D30266 | 1.9 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 6 | NOV | 2014 | 18 | 57 | 1 |
| 14D30267 | 2.0 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 6 | NOV | 2014 | 19 | 10 | 1 |
| 14D30268 | 2.1 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 6 | NOV | 2014 | 19 | 22 | 1 |
| 14D30270 | 2.2 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 6 | NOV | 2014 | 19 | 47 | 1 |
| 14D30271 | 2.3 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 6 | NOV | 2014 | 20 | 0 | 1 |
| 14D30272 | 2.4 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 6 | NOV | 2014 | 20 | 12 | 1 |
| 14D30274 | 2.5 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 6 | NOV | 2014 | 20 | 37 | 1 |
| 14D30275 | 2.6 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 6 | NOV | 2014 | 20 | 49 | 1 |
| 14D30276 | 2.7 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 6 | NOV | 2014 | 21 | 2 | 1 |
| 14D30278 | 2.8 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 6 | NOV | 2014 | 21 | 27 | 1 |
| 14D30279 | 2.9 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 6 | NOV | 2014 | 21 | 39 | 1 |
| 14D30280 | 3.0 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 6 | NOV | 2014 | 21 | 52 | 1 |
| 14D30282 | 3.2 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 6 | NOV | 2014 | 22 | 16 | 1 |
| 14D30283 | 3.4 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 6 | NOV | 2014 | 22 | 29 | 1 |
| 14D30284 | 3.6 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 6 | NOV | 2014 | 22 | 41 | 1 |
| 14D30286 | 3.8 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 6 | NOV | 2014 | 23 | 6 | 1 |
| 14D30287 | 4.0 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 6 | NOV | 2014 | 23 | 19 | 1 |
| 14D30288 | 4.3 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 6 | NOV | 2014 | 23 | 31 | 1 |
| 14D30290 | 4.6 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 6 | NOV | 2014 | 23 | 56 | 1 |
| 14D30291 | 4.9 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 7 | NOV | 2014 | 0 | 8 | 1 |
| 14D30292 | 5.2 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 7 | NOV | 2014 | 0 | 21 | 1 |
| 14D30294 | 5.5 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 7 | NOV | 2014 | 0 | 46 | 1 |
| 14D30295 | 5.8 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 7 | NOV | 2014 | 0 | 58 | 1 |
| 14D30296 | 6.2 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 7 | NOV | 2014 | 1 | 11 | 1 |
| 14D30298 | 6.6 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 7 | NOV | 2014 | 1 | 35 | 1 |
| 14D30299 | 7.0 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 7 | NOV | 2014 | 1 | 48 | 1 |
| 14D30300 | 7.6 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 7 | NOV | 2014 | 2 | 0 | 1 |
| 14D30302 | 8.3 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 7 | NOV | 2014 | 2 | 25 | 1 |
| 14D30303 | 9.0 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 7 | NOV | 2014 | 2 | 38 | 1 |
| 14D30304 | 9.8 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 7 | NOV | 2014 | 2 | 50 | 1 |
| 14D30306 | 11.0 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 7 | NOV | 2014 | 3 | 15 | 1 |
| 14D30307 | 13.0 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 7 | NOV | 2014 | 3 | 27 | 1 |
| 14D30308 | 15.5 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 7 | NOV | 2014 | 3 | 40 | 1 |
| 14D30310 | 18.5 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 7 | NOV | 2014 | 4 | 5 | 1 |
| 14D30311 | 21.5 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 7 | NOV | 2014 | 4 | 17 | 1 |
| 14D30313 | 24.5 % | MV1203-D52-05 | Groundmass | Acushnet Guyot | FCT-NM (4B14-14) | 28.201 | 0.082 | Kuiper et al (2008) | 9.33439 | 0.205 | 0.00168382 | 0.205 | 303.575 | 0.17 | 0.99334148 | 0.072 | 1 | 4.8E-14 | 7 | NOV | 2014 | 4 | 42 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14D30264 | 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 |
| 14D30266 | 1.9 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 |
| 14D30267 | 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 |
| 14D30268 | 2.1 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 |
| 14D30270 | 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 |
| 14D30271 | 2.3 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 |
| 14D30272 | 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 |
| 14D30274 | 2.5 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 |
| 14D30275 | 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 |
| 14D30276 | 2.7 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 |
| 14D30278 | 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 |
| 14D30279 | 2.9 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 |
| 14D30280 | 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 |
| 14D30282 | 3.2 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 |
| 14D30283 | 3.4 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 |
| 14D30284 | 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 |
| 14D30286 | 3.8 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 |
| 14D30287 | 4.0 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 |
| 14D30288 | 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 |
| 14D30290 | 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 |
| 14D30291 | 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 |
| 14D30292 | 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 |
| 14D30294 | 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 |
| 14D30295 | 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 |
| 14D30296 | 6.2 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 |
| 14D30298 | 6.6 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 |
| 14D30299 | 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 |
| 14D30300 | 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 |
| 14D30302 | 8.3 % | 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 |
| 14D30303 | 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 |
| 14D30304 | 9.8 % | 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 |
| 14D30306 | 11.0 % | 295.5 | 0 | 0.018 | 35 | 0.1869 | 0 | 1.493 | 3 | 0.0006756 | 1.32 | 0.0000718 | 12.82 | 0.0002663 | 0.15 | 0.003823 | 2.66 | 0.012031 | 0.16 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 |
| 14D30307 | 13.0 % | 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 |
| 14D30308 | 15.5 % | 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 |
| 14D30310 | 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 |
| 14D30311 | 21.5 % | 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 |
| 14D30313 | 24.5 % | 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 |

# 14D30263.AGE >>> MV1203-D52-05 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT




## Ar-Ages in Ma

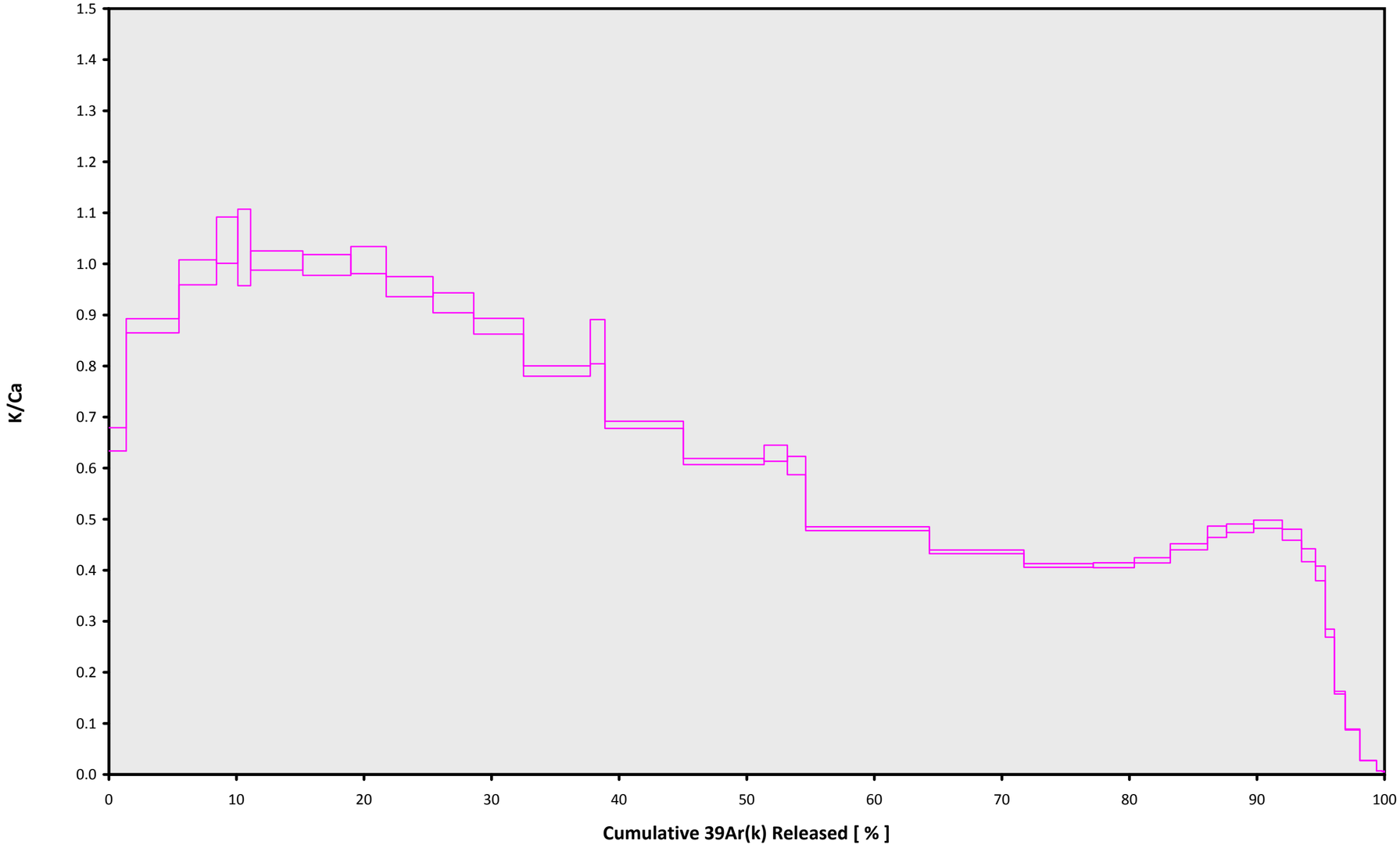
**TOTAL FUSION**
**24.73 ± 0.10**

## Sample Info

**Groundmass**
**Acushnet Guyot**
**Susan Schnur**

**IRR = 14-OSU-04 (4B14-14)**
**J = 0.00168382 ± 0.00000345**

# 14D30263.AGE >>> MV1203-D52-05 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT




## Ar-Ages in Ma

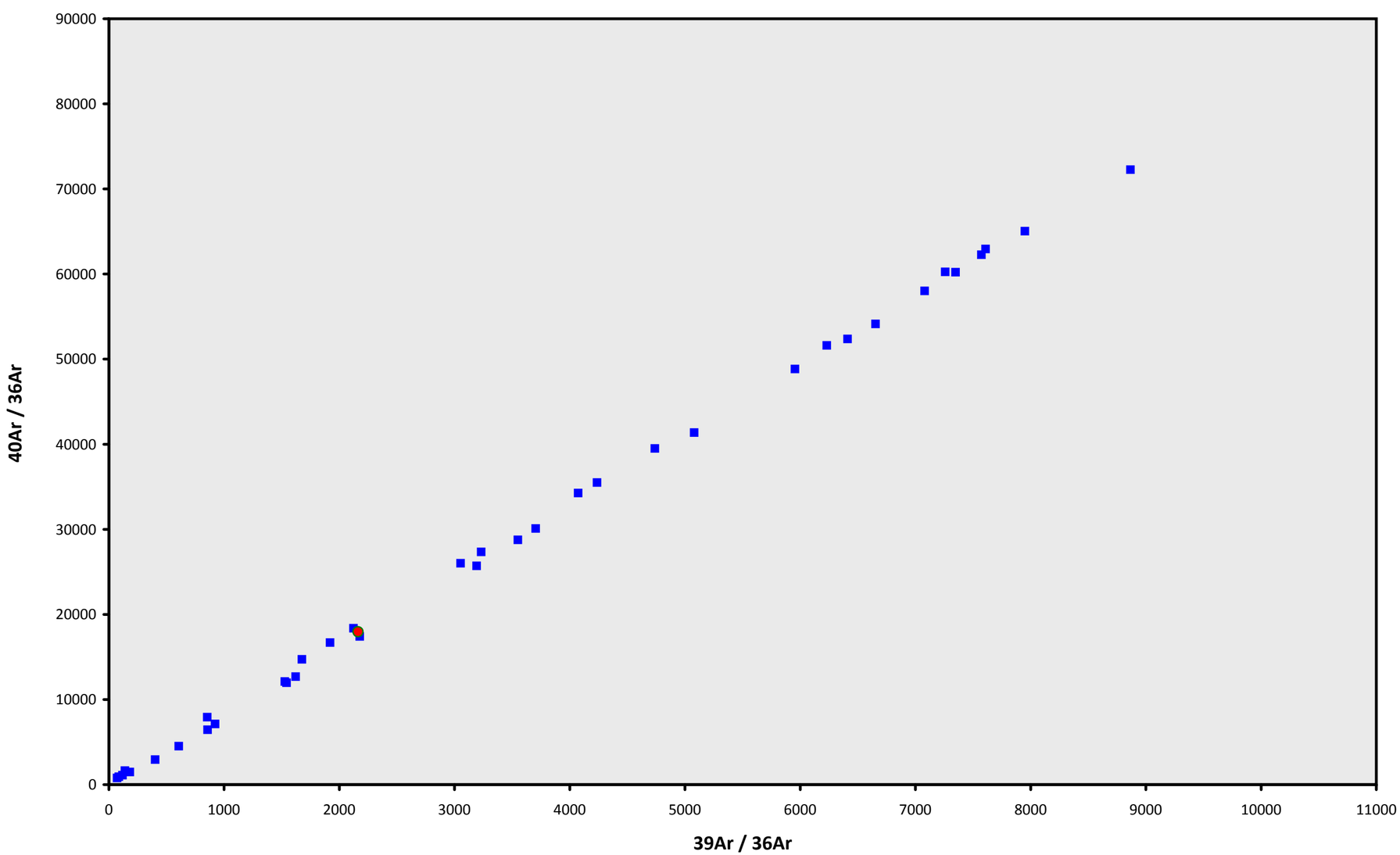
**TOTAL FUSION**
**24.73 ± 0.10**

## Sample Info

**Groundmass**
**Acushnet Guyot**
**Susan Schnur**

**IRR = 14-OSU-04 (4B14-14)**
**J = 0.00168382 ± 0.00000345**

# 14D30263.AGE >>> MV1203-D52-05 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT




## Ar-Ages in Ma

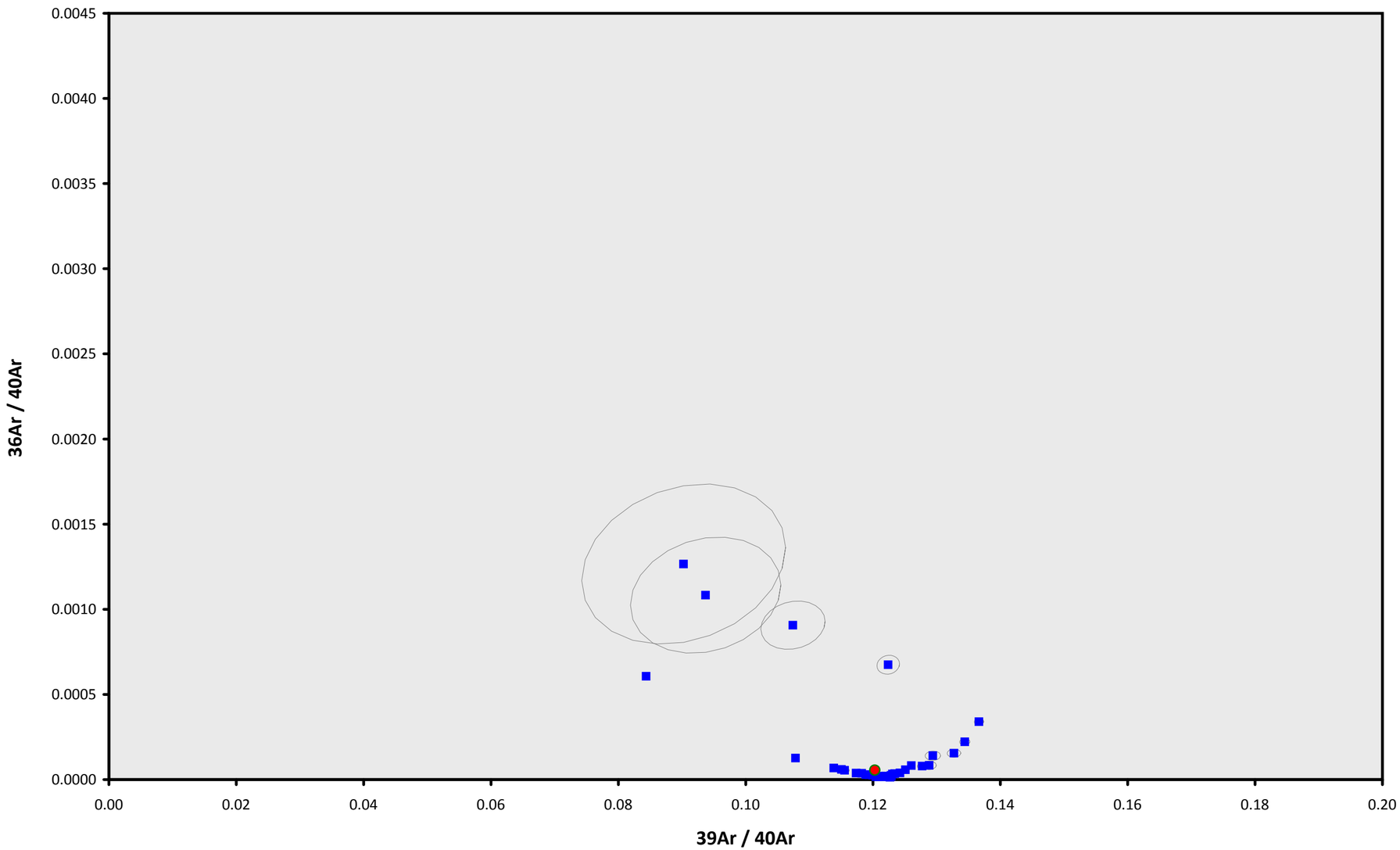
**TOTAL FUSION**
**24.73 ± 0.10**

## Sample Info

**Groundmass**
**Acushnet Guyot**
**Susan Schnur**

**IRR = 14-OSU-04 (4B14-14)**
**J = 0.00168382 ± 0.00000345**

# 14D30263.AGE >>> MV1203-D52-05 >>> WALVIS RIDGE | MV1203 (13-INT-04) PROJECT




## Ar-Ages in Ma

**TOTAL FUSION**
**24.73 ± 0.10**

## Sample Info

**Groundmass**
**Acushnet Guyot**
**Susan Schnur**

**IRR = 14-OSU-04 (4B14-14)**
**J = 0.00168382 ± 0.00000345**