| Relative Abundances | | | 36Ar [fA] | %1σ | 37Ar [fA] | %1σ | 38Ar [fA] | %1σ | 39Ar [fA] | %1σ | 40Ar [fA] | %1σ | 40(r)/39(k) ± 2σ | Age ± 2σ (Ka) | 40Ar(r) (%) | 39Ar(k) (%) | K/Ca ± 2σ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13D07613 | 1.8 % | | 6.1978007 | 0.272 | 29.7337 | 6.307 | 1.316879 | 3.653 | 11.44600 | 0.325 | 1920.0389 | 0.010 | 7.95444 ± 0.87565 | 23593.2 ± 2580.3 | 4.73 | 1.37 | 0.165 ± 0.021 |
| 13D07615 | 2.0 % | | 0.4903576 | 0.430 | 32.8657 | 5.520 | 0.244893 | 19.130 | 14.68878 | 0.272 | 159.3431 | 0.100 | 1.15723 ± 0.09009 | 3451.6 ± 268.5 | 10.65 | 1.76 | 0.192 ± 0.021 |
| 13D07616 | 2.2 % | | 0.1381237 | 0.830 | 42.0289 | 4.257 | 0.258578 | 18.316 | 18.71412 | 0.210 | 46.3607 | 0.340 | 0.46997 ± 0.04279 | 1402.5 ± 127.6 | 18.94 | 2.24 | 0.191 ± 0.016 |
| 13D07617 | 2.4 % | | 0.1027674 | 0.908 | 59.1750 | 3.011 | 0.344802 | 13.902 | 27.15947 | 0.147 | 35.1996 | 0.447 | 0.34605 ± 0.02562 | 1032.8 ± 76.5 | 26.66 | 3.25 | 0.197 ± 0.012 |
| 13D07619 | 2.7 % | | 0.1120639 | 1.053 | 95.4659 | 1.998 | 0.496747 | 9.645 | 42.20974 | 0.108 | 39.9802 | 0.394 | 0.33732 ± 0.01952 | 1006.8 ± 58.3 | 35.56 | 5.05 | 0.190 ± 0.008 |
| 13D07620 | 3.0 % | | 0.0760522 | 1.227 | 75.4514 | 2.431 | 0.369941 | 13.355 | 34.25761 | 0.125 | 27.9218 | 0.565 | 0.32903 ± 0.02043 | 982.0 ± 61.0 | 40.31 | 4.10 | 0.195 ± 0.009 |
| 13D07621 | 3.3 % | ✓ | 0.1001251 | 1.045 | 115.7065 | 1.648 | 0.608997 | 7.967 | 52.74085 | 0.102 | 37.5163 | 0.420 | 0.31964 ± 0.01439 | 954.0 ± 42.9 | 44.87 | 6.31 | 0.196 ± 0.006 |
| 13D07623 | 3.6 % | ✓ | 0.0996137 | 1.057 | 131.6924 | 1.434 | 0.718077 | 6.814 | 59.15412 | 0.093 | 37.7087 | 0.417 | 0.31169 ± 0.01286 | 930.3 ± 38.4 | 48.82 | 7.08 | 0.193 ± 0.006 |
| 13D07624 | 3.9 % | ✓ | 0.0815586 | 1.178 | 125.8363 | 1.470 | 0.688491 | 6.804 | 58.11408 | 0.091 | 32.3297 | 0.487 | 0.30863 ± 0.01229 | 921.2 ± 36.7 | 55.40 | 6.95 | 0.198 ± 0.006 |
| 13D07625 | 4.2 % | ✓ | 0.0704670 | 1.343 | 117.1770 | 1.584 | 0.667098 | 7.127 | 53.63685 | 0.095 | 28.0923 | 0.561 | 0.30408 ± 0.01320 | 907.6 ± 39.4 | 57.97 | 6.42 | 0.197 ± 0.006 |
| 13D07627 | 4.5 % | ✓ | 0.0685003 | 1.395 | 126.1187 | 1.521 | 0.644773 | 7.117 | 55.73170 | 0.093 | 28.0753 | 0.559 | 0.31530 ± 0.01284 | 941.1 ± 38.3 | 62.49 | 6.67 | 0.190 ± 0.006 |
| 13D07628 | 4.8 % | ✓ | 0.0612488 | 1.481 | 118.6107 | 1.634 | 0.590761 | 7.973 | 51.72776 | 0.099 | 24.9403 | 0.630 | 0.30936 ± 0.01343 | 923.3 ± 40.1 | 64.06 | 6.19 | 0.187 ± 0.006 |
| 13D07629 | 5.1 % | ✓ | 0.0634358 | 1.460 | 128.0996 | 1.474 | 0.559882 | 8.384 | 52.58307 | 0.096 | 25.2186 | 0.624 | 0.31151 ± 0.01332 | 929.8 ± 39.8 | 64.84 | 6.29 | 0.176 ± 0.005 |
| 13D07631 | 5.4 % | ✓ | 0.0393844 | 2.193 | 90.6165 | 1.995 | 0.437913 | 10.769 | 36.49341 | 0.121 | 16.1815 | 0.971 | 0.31661 ± 0.01824 | 945.0 ± 54.4 | 71.28 | 4.37 | 0.173 ± 0.007 |
| 13D07632 | 5.7 % | ✓ | 0.0345328 | 2.355 | 84.7704 | 2.133 | 0.396655 | 12.597 | 32.02734 | 0.137 | 14.0581 | 1.117 | 0.32538 ± 0.02008 | 971.2 ± 59.9 | 74.00 | 3.83 | 0.162 ± 0.007 |
| 13D07633 | 6.1 % | ✓ | 0.0412087 | 2.096 | 97.4002 | 1.872 | 0.467600 | 10.413 | 36.18466 | 0.124 | 16.2911 | 0.966 | 0.32234 ± 0.01843 | 962.1 ± 55.0 | 71.47 | 4.33 | 0.159 ± 0.006 |
| 13D07635 | 6.5 % | ✓ | 0.0335526 | 2.538 | 82.9046 | 2.163 | 0.337134 | 14.029 | 29.16677 | 0.140 | 12.5466 | 1.254 | 0.31069 ± 0.02260 | 927.3 ± 67.4 | 72.09 | 3.49 | 0.151 ± 0.007 |
| 13D07636 | 6.9 % | ✓ | 0.0280971 | 2.934 | 70.9569 | 2.655 | 0.254256 | 18.561 | 22.97791 | 0.170 | 10.4153 | 1.512 | 0.33182 ± 0.02845 | 990.4 ± 84.9 | 73.05 | 2.75 | 0.139 ± 0.007 |
| 13D07637 | 7.3 % | ✓ | 0.0286079 | 2.956 | 74.1276 | 2.484 | 0.325079 | 14.338 | 21.65466 | 0.183 | 9.9004 | 1.584 | 0.33338 ± 0.03046 | 995.0 ± 90.9 | 72.75 | 2.59 | 0.125 ± 0.006 |
| 13D07639 | 7.8 % | ✓ | 0.0249655 | 3.077 | 60.7930 | 2.977 | 0.227176 | 20.621 | 16.23049 | 0.228 | 8.0305 | 1.966 | 0.33217 ± 0.03847 | 991.4 ± 114.8 | 66.96 | 1.94 | 0.115 ± 0.007 |
| 13D07640 | 8.3 % | ✓ | 0.0271718 | 2.849 | 56.9552 | 3.014 | 0.174288 | 27.196 | 14.60294 | 0.262 | 8.2067 | 1.911 | 0.31608 ± 0.04241 | 943.4 ± 126.5 | 56.10 | 1.75 | 0.110 ± 0.007 |
| 13D07641 | 8.8 % | ✓ | 0.0264215 | 2.907 | 51.2065 | 3.451 | 0.111430 | 43.104 | 12.10588 | 0.310 | 7.6525 | 2.051 | 0.31715 ± 0.05125 | 946.6 ± 152.9 | 50.03 | 1.45 | 0.101 ± 0.007 |
| 13D07643 | 9.3 % | ✓ | 0.0274161 | 2.901 | 46.8533 | 3.745 | 0.120230 | 39.066 | 10.24206 | 0.373 | 7.3919 | 2.123 | 0.28779 ± 0.06166 | 859.0 ± 184.0 | 39.75 | 1.22 | 0.094 ± 0.007 |
| 13D07644 | 9.9 % | ✓ | 0.0327977 | 2.457 | 50.1164 | 3.623 | 0.137731 | 33.133 | 9.52000 | 0.390 | 8.7192 | 1.800 | 0.30955 ± 0.06732 | 923.9 ± 200.9 | 33.68 | 1.14 | 0.081 ± 0.006 |
| 13D07645 | 10.5 % | ✓ | 0.0313040 | 2.622 | 39.3427 | 4.445 | 0.116358 | 40.107 | 7.09042 | 0.494 | 8.4331 | 1.867 | 0.31907 ± 0.09075 | 952.3 ± 270.8 | 26.73 | 0.85 | 0.077 ± 0.007 |
| 13D07647 | 11.2 % | ✓ | 0.0426823 | 2.054 | 59.2202 | 3.087 | 0.120335 | 39.326 | 7.01580 | 0.526 | 10.2414 | 1.538 | 0.32465 ± 0.09629 | 969.0 ± 287.3 | 22.11 | 0.84 | 0.051 ± 0.003 |
| 13D07648 | 11.9 % | ✓ | 0.0622946 | 1.421 | 84.1977 | 2.214 | 0.150665 | 30.608 | 7.13162 | 0.512 | 14.2234 | 1.104 | 0.34187 ± 0.09583 | 1020.3 ± 285.9 | 17.00 | 0.85 | 0.036 ± 0.002 |
| 13D07649 | 12.8 % | | 0.0727226 | 1.337 | 95.9983 | 2.025 | 0.075330 | 63.601 | 6.72085 | 0.557 | 15.8028 | 0.997 | 0.27676 ± 0.10876 | 826.1 ± 324.5 | 11.66 | 0.80 | 0.030 ± 0.001 |
| 13D07651 | 13.9 % | | 0.1232355 | 0.932 | 182.5496 | 1.113 | 0.209982 | 23.483 | 7.96056 | 0.456 | 23.9990 | 0.655 | 0.24574 ± 0.10398 | 733.5 ± 310.3 | 8.03 | 0.94 | 0.018 ± 0.000 |
| 13D07652 | 15.2 % | | 0.1717967 | 0.720 | 275.8560 | 0.866 | 0.220701 | 21.396 | 8.25502 | 0.437 | 31.2014 | 0.503 | 0.26272 ± 0.10944 | 784.2 ± 326.6 | 6.79 | 0.97 | 0.013 ± 0.000 |
| 13D07653 | 16.7 % | | 0.2029679 | 0.710 | 344.7072 | 0.755 | 0.121044 | 38.942 | 7.01087 | 0.512 | 34.9991 | 0.451 | 0.31304 ± 0.14756 | 934.3 ± 440.3 | 6.06 | 0.81 | 0.008 ± 0.000 |
| 13D07655 | 18.2 % | | 0.2565004 | 0.617 | 452.0157 | 0.687 | 0.182935 | 25.944 | 6.51746 | 0.550 | 42.2813 | 0.374 | 0.32775 ± 0.17812 | 978.2 ± 531.5 | 4.82 | 0.74 | 0.006 ± 0.000 |
| 13D07656 | 19.7 % | | 0.1850354 | 0.688 | 309.9281 | 0.796 | 0.067051 | 69.319 | 3.77951 | 0.977 | 30.7669 | 0.512 | 0.12997 ± 0.25383 | 388.0 ± 757.7 | 1.51 | 0.43 | 0.005 ± 0.000 |
| 13D07658 | 21.2 % | | 0.1608010 | 0.726 | 273.6059 | 0.883 | 0.062913 | 76.464 | 2.53380 | 1.437 | 26.7330 | 0.588 | 0.31412 ± 0.36224 | 937.6 ± 1080.9 | 2.76 | 0.28 | 0.004 ± 0.000 |
| | | Σ | 9.3156115 | 0.192 | 4082.0836 | 0.282 | 11.826723 | 2.342 | 837.38620 | 0.029 | 2800.8007 | 0.033 | | | | | |

## Information on Analysis and Constants Used in Calculations

Project = **BALBAS (13-19)**
Sample = **44B-ARGON-5**
Material = **Groundmass**
Location = **Floreana Island**
Region = **Galapagos**
Analyst = **Anthony Koppers**
Irradiation = **13-OSU-05**
Position = **X: 0 | Y: 0 | Z/H: 43.95 mm**
FCT-3 Age = **28.201 ± 0.023 Ma**
FCT-3 Reference = **Kuiper (2008)**
FCT-3 40Ar/39Ar Ratio = **9.52012 ± 0.01628**
FCT-3 J-value = **0.00165097 ± 0.00000282**
Air Shot 40Ar/36Ar = **302.7620 ± 0.2907**
Air Shot MDF = **0.99399579 ± 0.00062474 (LIN)**
Experiment Type = **Incremental Heating**
Extraction Method = **Bulk Laser Heating**
Heating = **77 sec**
Isolation = **5.52 min**
Instrument = **ARGUS-VI-D**
Preferred Age = **Plateau Age**
Age Classification = **Eruption Age**
IGSN = **IEKK1-44B-AR-5**
Rock Class = **Igneous>Volcanic>Mafic**
Lithology = **Basalt**
Lat-Lon = **1°16.4'S - 90°29.3'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,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 (Ka) | MSWD | 39Ar(k) (%,n) | K/Ca ± 2σ |
|---|---|---|---|---|---|---|
| **Age Plateau** | | 0.31395 ± 0.00424 (± 1.35%) | **937.1 ± 13.1 (± 1.39%)** | 0.60 | 77.27 | 0.096 ± 0.029 |
| | | | Full External Error ± 24.9 | 92% | 21 | 2σ Confidence Limit |
| | | | Analytical Error ± 12.7 | 1.63 | 2σ Confidence Limit | |
| | | | | 1.0000 | Error Magnification | |
| **Total Fusion Age** | | 0.43866 ± 0.01307 (± 2.98%) | **1309.1 ± 39.3 (± 3.00%)** | | 34 | 0.088 ± 0.000 |
| | | | Full External Error ± 49.1 | | | |
| | | | Analytical Error ± 39.0 | | | |
| **Normal Isochron** | **296.32 ± 10.65 (± 3.60%)** | 0.31262 ± 0.00907 (± 2.90%) | **933.1 ± 27.3 (± 2.92%)** | 0.58 | 77.27 | |
| | | | Full External Error ± 34.4 | 92% | 21 | |
| | | | Analytical Error ± 27.1 | 1.65 | 2σ Confidence Limit | |
| | | | | 1.0000 | Error Magnification | |
| | | | | 30 | Number of Iterations | |
| | | | | 0.0000029216 | Convergence | |
| **Inverse Isochron** | **295.53 ± 10.48 (± 3.55%)** | 0.31400 ± 0.00884 (± 2.82%) | **937.2 ± 26.6 (± 2.84%)** | 0.63 | 77.27 | |
| | | | Full External Error ± 34.0 | 89% | 21 | |
| | | | Analytical Error ± 26.4 | 1.65 | 2σ Confidence Limit | |
| | | | | 1.0000 | Error Magnification | |
| | | | | 4 | Number of Iterations | |
| **Notes** | | | | 0.0038241724 | Convergence | |
| A plateau with low and high temp recoil effects. From a more altered portion of the flow. | | | | 58% | Spreading Factor | |

| Incremental Heating | | | 36Ar(a) [fA] | 37Ar(ca) [fA] | 38Ar(cl) [fA] | 39Ar(k) [fA] | 40Ar(r) [fA] | Age ± 2σ (Ka) | 40Ar(r) (%) | 39Ar(k) (%) | K/Ca ± 2σ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 13D07613 | 1.8 % | | 6.1898765 | 29.7337 | 0.0203913 | 11.42591 | 90.88669 | 23593.2 ± 2580.3 | 4.73 | 1.37 | 0.165 ± 0.021 |
| 13D07615 | 2.0 % | | 0.4816054 | 32.8657 | 0.0000000 | 14.66657 | 16.97264 | 3451.6 ± 268.5 | 10.65 | 1.76 | 0.192 ± 0.021 |
| 13D07616 | 2.2 % | | 0.1269293 | 42.0289 | 0.0070289 | 18.68572 | 8.78167 | 1402.5 ± 127.6 | 18.94 | 2.24 | 0.191 ± 0.016 |
| 13D07617 | 2.4 % | | 0.0870091 | 59.1750 | 0.0000000 | 27.11949 | 9.38469 | 1032.8 ± 76.5 | 26.66 | 3.25 | 0.197 ± 0.012 |
| 13D07619 | 2.7 % | | 0.0866414 | 95.4659 | 0.0000000 | 42.14524 | 14.21651 | 1006.8 ± 58.3 | 35.56 | 5.05 | 0.190 ± 0.008 |
| 13D07620 | 3.0 % | | 0.0559595 | 75.4514 | 0.0000000 | 34.20663 | 11.25502 | 982.0 ± 61.0 | 40.31 | 4.10 | 0.195 ± 0.009 |
| 13D07621 | 3.3 % | ✓ | 0.0693125 | 115.7065 | 0.0000000 | 52.66268 | 16.83312 | 954.0 ± 42.9 | 44.87 | 6.31 | 0.196 ± 0.006 |
| 13D07623 | 3.6 % | ✓ | 0.0645440 | 131.6924 | 0.0000000 | 59.06515 | 18.41018 | 930.3 ± 38.4 | 48.82 | 7.08 | 0.193 ± 0.006 |
| 13D07624 | 3.9 % | ✓ | 0.0480484 | 125.8363 | 0.0000000 | 58.02907 | 17.90959 | 921.2 ± 36.7 | 55.40 | 6.95 | 0.198 ± 0.006 |
| 13D07625 | 4.2 % | ✓ | 0.0392607 | 117.1770 | 0.0069948 | 53.55768 | 16.28601 | 907.6 ± 39.4 | 57.97 | 6.42 | 0.197 ± 0.006 |
| 13D07627 | 4.5 % | ✓ | 0.0349148 | 126.1187 | 0.0000000 | 55.64650 | 17.54519 | 941.1 ± 38.3 | 62.49 | 6.67 | 0.190 ± 0.006 |
| 13D07628 | 4.8 % | ✓ | 0.0296628 | 118.6107 | 0.0000000 | 51.64763 | 15.97751 | 923.3 ± 40.1 | 64.06 | 6.19 | 0.187 ± 0.006 |
| 13D07629 | 5.1 % | ✓ | 0.0293229 | 128.0996 | 0.0000000 | 52.49653 | 16.35295 | 929.8 ± 39.8 | 64.84 | 6.29 | 0.176 ± 0.005 |
| 13D07631 | 5.4 % | ✓ | 0.0152533 | 90.6165 | 0.0000000 | 36.43219 | 11.53488 | 945.0 ± 54.4 | 71.28 | 4.37 | 0.173 ± 0.007 |
| 13D07632 | 5.7 % | ✓ | 0.0119573 | 84.7704 | 0.0037016 | 31.97007 | 10.40252 | 971.2 ± 59.9 | 74.00 | 3.83 | 0.162 ± 0.007 |
| 13D07633 | 6.1 % | ✓ | 0.0152641 | 97.4002 | 0.0232074 | 36.11886 | 11.64251 | 962.1 ± 55.0 | 71.47 | 4.33 | 0.159 ± 0.006 |
| 13D07635 | 6.5 % | ✓ | 0.0114751 | 82.9046 | 0.0000000 | 29.11076 | 9.04438 | 927.3 ± 67.4 | 72.09 | 3.49 | 0.151 ± 0.007 |
| 13D07636 | 6.9 % | ✓ | 0.0092013 | 70.9569 | 0.0000000 | 22.92997 | 7.60868 | 990.4 ± 84.9 | 73.05 | 2.75 | 0.139 ± 0.007 |
| 13D07637 | 7.3 % | ✓ | 0.0088502 | 74.1276 | 0.0581776 | 21.60458 | 7.20254 | 995.0 ± 90.9 | 72.75 | 2.59 | 0.125 ± 0.006 |
| 13D07639 | 7.8 % | ✓ | 0.0087684 | 60.7930 | 0.0263975 | 16.18942 | 5.37756 | 991.4 ± 114.8 | 66.96 | 1.94 | 0.115 ± 0.007 |
| 13D07640 | 8.3 % | ✓ | 0.0120047 | 56.9552 | 0.0000000 | 14.56446 | 4.60360 | 943.4 ± 126.5 | 56.10 | 1.75 | 0.110 ± 0.007 |
| 13D07641 | 8.8 % | ✓ | 0.0127852 | 51.2065 | 0.0000000 | 12.07128 | 3.82836 | 946.6 ± 152.9 | 50.03 | 1.45 | 0.101 ± 0.007 |
| 13D07643 | 9.3 % | ✓ | 0.0149391 | 46.8533 | 0.0000000 | 10.21040 | 2.93841 | 859.0 ± 184.0 | 39.75 | 1.22 | 0.094 ± 0.007 |
| 13D07644 | 9.9 % | ✓ | 0.0194468 | 50.1164 | 0.0163698 | 9.48615 | 2.93639 | 923.9 ± 200.9 | 33.68 | 1.14 | 0.081 ± 0.006 |
| 13D07645 | 10.5 % | ✓ | 0.0208197 | 39.3427 | 0.0246565 | 7.06384 | 2.25386 | 952.3 ± 270.8 | 26.73 | 0.85 | 0.077 ± 0.007 |
| 13D07647 | 11.2 % | ✓ | 0.0269038 | 59.2202 | 0.0271294 | 6.97579 | 2.26469 | 969.0 ± 287.3 | 22.11 | 0.84 | 0.051 ± 0.003 |
| 13D07648 | 11.9 % | ✓ | 0.0398571 | 84.1977 | 0.0520538 | 7.07474 | 2.41861 | 1020.3 ± 285.9 | 17.00 | 0.85 | 0.036 ± 0.002 |
| 13D07649 | 12.8 % | | 0.0471582 | 95.9983 | 0.0000000 | 6.65600 | 1.84210 | 826.1 ± 324.5 | 11.66 | 0.80 | 0.030 ± 0.001 |
| 13D07651 | 13.9 % | | 0.0745958 | 182.5496 | 0.0886429 | 7.83723 | 1.92594 | 733.5 ± 310.3 | 8.03 | 0.94 | 0.018 ± 0.000 |
| 13D07652 | 15.2 % | | 0.0983105 | 275.8560 | 0.0854467 | 8.06865 | 2.11982 | 784.2 ± 326.6 | 6.79 | 0.97 | 0.013 ± 0.000 |
| 13D07653 | 16.7 % | | 0.1111723 | 344.7072 | 0.0000000 | 6.77798 | 2.12175 | 934.3 ± 440.3 | 6.06 | 0.81 | 0.008 ± 0.000 |
| 13D07655 | 18.2 % | | 0.1361135 | 452.0157 | 0.0503027 | 6.21208 | 2.03599 | 978.2 ± 531.5 | 4.82 | 0.74 | 0.006 ± 0.000 |
| 13D07656 | 19.7 % | | 0.1025016 | 309.9281 | 0.0000000 | 3.57012 | 0.46402 | 388.0 ± 757.7 | 1.51 | 0.43 | 0.005 ± 0.000 |
| 13D07658 | 21.2 % | | 0.0879398 | 273.6059 | 0.0000000 | 2.34895 | 0.73786 | 937.6 ± 1080.9 | 2.76 | 0.28 | 0.004 ± 0.000 |
| | | Σ | 8.2284051 | 4082.0836 | 0.4905010 | 834.62834 | 366.11626 | | | | |

**Information on Analysis**

Project = **BALBAS (13-19)**
Sample = **44B-ARGON-5**
Material = **Groundmass**
Location = **Floreana Island**
Region = **Galapagos**
Analyst = **Anthony Koppers**
Irradiation = **13-OSU-05**
J = **0.00165097 ± 0.00000282**
FCT-3 = **28.201 ± 0.023 Ma**

| Results | 40(r)/39(k) ± 2σ | | Age ± 2σ (Ka) | | MSWD | 39Ar(k) (%,n) | K/Ca ± 2σ |
|---|---|---|---|---|---|---|---|
| **Age Plateau** | 0.31395 | ± 0.00424<br>± 1.35% | **937.1** | **± 13.1**<br>**± 1.39%** | 0.60<br>92% | 77.27<br>21 | 0.096 ± 0.029 |
| | | | Full External Error | ± 24.9 | 1.63 | 2σ Confidence Limit | |
| | | | Analytical Error | ± 12.7 | 1.0000 | Error Magnification | |
| **Total Fusion Age** | 0.43866 | ± 0.01307<br>± 2.98% | **1309.1** | **± 39.3**<br>**± 3.00%** | | 34 | 0.088 ± 0.000 |
| | | | Full External Error | ± 49.1 | | | |
| | | | Analytical Error | ± 39.0 | | | |

| Normal Isochron | | | 39(k)/36(a) ± 2σ | 40(a+r)/36(a) ± 2σ | r.i. |
|---|---|---|---|---|---|
| 13D07613 | 1.8 % | | 1.85 ± 0.02 | 310.18 ± 1.69 | 0.6412 |
| 13D07615 | 2.0 % | | 30.45 ± 0.32 | 330.74 ± 3.05 | 0.8349 |
| 13D07616 | 2.2 % | | 147.21 ± 2.95 | 364.69 ± 7.55 | 0.9233 |
| 13D07617 | 2.4 % | | 311.69 ± 7.56 | 403.36 ± 10.36 | 0.9300 |
| 13D07619 | 2.7 % | | 486.43 ± 14.47 | 459.58 ± 14.11 | 0.9636 |
| 13D07620 | 3.0 % | | 611.28 ± 23.07 | 496.63 ± 19.54 | 0.9553 |
| 13D07621 | 3.3 % | ✓ | 759.79 ± 25.57 | 538.36 ± 18.65 | 0.9680 |
| 13D07623 | 3.6 % | ✓ | 915.11 ± 33.18 | 580.73 ± 21.58 | 0.9729 |
| 13D07624 | 3.9 % | ✓ | 1207.72 ± 54.36 | 668.24 ± 30.76 | 0.9762 |
| 13D07625 | 4.2 % | ✓ | 1364.15 ± 74.33 | 710.32 ± 39.50 | 0.9785 |
| 13D07627 | 4.5 % | ✓ | 1593.78 ± 99.07 | 798.01 ± 50.39 | 0.9835 |
| 13D07628 | 4.8 % | ✓ | 1741.16 ± 122.70 | 834.14 ± 59.71 | 0.9837 |
| 13D07629 | 5.1 % | ✓ | 1790.29 ± 128.91 | 853.19 ± 62.34 | 0.9847 |
| 13D07631 | 5.4 % | ✓ | 2388.48 ± 309.94 | 1051.72 ± 138.00 | 0.9886 |
| 13D07632 | 5.7 % | ✓ | 2673.68 ± 423.07 | 1165.47 ± 186.25 | 0.9899 |
| 13D07633 | 6.1 % | ✓ | 2366.27 ± 307.48 | 1058.24 ± 139.02 | 0.9888 |
| 13D07635 | 6.5 % | ✓ | 2536.86 ± 431.93 | 1083.67 ± 186.51 | 0.9890 |
| 13D07636 | 6.9 % | ✓ | 2492.04 ± 523.06 | 1122.41 ± 238.03 | 0.9895 |
| 13D07637 | 7.3 % | ✓ | 2441.14 ± 539.60 | 1109.33 ± 247.72 | 0.9896 |
| 13D07639 | 7.8 % | ✓ | 1846.34 ± 382.21 | 908.79 ± 191.50 | 0.9819 |
| 13D07640 | 8.3 % | ✓ | 1213.23 ± 181.90 | 678.98 ± 105.04 | 0.9680 |
| 13D07641 | 8.8 % | ✓ | 944.16 ± 133.21 | 594.94 ± 87.38 | 0.9588 |
| 13D07643 | 9.3 % | ✓ | 683.47 ± 84.58 | 492.19 ± 64.33 | 0.9434 |
| 13D07644 | 9.9 % | ✓ | 487.80 ± 47.32 | 446.50 ± 46.09 | 0.9336 |
| 13D07645 | 10.5 % | ✓ | 339.29 ± 30.95 | 403.76 ± 39.62 | 0.9187 |
| 13D07647 | 11.2 % | ✓ | 259.29 ± 19.53 | 379.68 ± 30.64 | 0.9149 |
| 13D07648 | 11.9 % | ✓ | 177.50 ± 9.23 | 356.18 ± 19.79 | 0.8990 |
| 13D07649 | 12.8 % | | 141.14 ± 6.79 | 334.56 ± 17.01 | 0.8940 |
| 13D07651 | 13.9 % | | 105.06 ± 3.71 | 321.32 ± 11.74 | 0.9005 |
| 13D07652 | 15.2 % | | 82.07 ± 2.44 | 317.06 ± 9.55 | 0.8987 |
| 13D07653 | 16.7 % | | 60.97 ± 1.88 | 314.59 ± 9.52 | 0.8956 |
| 13D07655 | 18.2 % | | 45.64 ± 1.31 | 310.46 ± 8.51 | 0.8799 |
| 13D07656 | 19.7 % | | 34.83 ± 1.22 | 300.03 ± 8.96 | 0.7551 |
| 13D07658 | 21.2 % | | 26.71 ± 1.16 | 303.89 ± 9.91 | 0.6519 |

| Results | 40(a)/36(a) ± 2σ | 40(r)/39(k) ± 2σ | Age ± 2σ (Ka) | MSWD |
|---|---|---|---|---|
| **Normal Isochron** | **296.32 ± 10.65 ± 3.60%** | 0.31262 ± 0.00907 ± 2.90% | **933.1 ± 27.3 ± 2.92%** | 0.58 92% |
| | | | Full External Error ± 34.4 | |
| | | | Analytical Error ± 27.1 | |

| Statistics | | | | |
|---|---|---|---|---|
| | 2σ Confidence Limit | 1.65 | Convergence | 0.000002921555 |
| | Error Magnification | 1.0000 | Number of Iterations | 30 |
| | Number of Data Points | 21 | Calculated Line | Weighted York-2 |

| Inverse Isochron | | | 39(k)/40(a+r) ± 2σ | 36(a)/40(a+r) ± 2σ | r.i. |
|---|---|---|---|---|---|
| 13D07613 | 1.8 % | | 0.0059510 ± 0.0000388 | 0.00322390 ± 0.00001760 | 0.0010 |
| 13D07615 | 2.0 % | | 0.0920764 ± 0.0005342 | 0.00302351 ± 0.00002784 | 0.0744 |
| 13D07616 | 2.2 % | | 0.4036728 ± 0.0032323 | 0.00274209 ± 0.00005680 | 0.2801 |
| 13D07617 | 2.4 % | | 0.7727260 ± 0.0073010 | 0.00247918 ± 0.00006368 | 0.3319 |
| 13D07619 | 2.7 % | | 1.0584196 ± 0.0086874 | 0.00217588 ± 0.00006680 | 0.2487 |
| 13D07620 | 3.0 % | | 1.2308511 ± 0.0143215 | 0.00201358 ± 0.00007922 | 0.2821 |
| 13D07621 | 3.3 % | ✓ | 1.4113020 ± 0.0122627 | 0.00185750 ± 0.00006434 | 0.2370 |
| 13D07623 | 3.6 % | ✓ | 1.5757882 ± 0.0135477 | 0.00172196 ± 0.00006400 | 0.2204 |
| 13D07624 | 3.9 % | ✓ | 1.8073143 ± 0.0180540 | 0.00149647 ± 0.00006889 | 0.2098 |
| 13D07625 | 4.2 % | ✓ | 1.9204871 ± 0.0220401 | 0.00140782 ± 0.00007830 | 0.2006 |
| 13D07627 | 4.5 % | ✓ | 1.9971809 ± 0.0228308 | 0.00125311 ± 0.00007913 | 0.1762 |
| 13D07628 | 4.8 % | ✓ | 2.0873745 ± 0.0268577 | 0.00119884 ± 0.00008581 | 0.1755 |
| 13D07629 | 5.1 % | ✓ | 2.0983619 ± 0.0267209 | 0.00117208 ± 0.00008564 | 0.1703 |
| 13D07631 | 5.4 % | ✓ | 2.2710196 ± 0.0448148 | 0.00095082 ± 0.00012476 | 0.1481 |
| 13D07632 | 5.7 % | ✓ | 2.2940784 ± 0.0520828 | 0.00085802 ± 0.00013712 | 0.1400 |
| 13D07633 | 6.1 % | ✓ | 2.2360409 ± 0.0439345 | 0.00094496 ± 0.00012414 | 0.1472 |
| 13D07635 | 6.5 % | ✓ | 2.3409800 ± 0.0596154 | 0.00092279 ± 0.00015882 | 0.1462 |
| 13D07636 | 6.9 % | ✓ | 2.2202479 ± 0.0681565 | 0.00089094 ± 0.00018894 | 0.1430 |
| 13D07637 | 7.3 % | ✓ | 2.2005562 ± 0.0707641 | 0.00090145 ± 0.00020130 | 0.1421 |
| 13D07639 | 7.8 % | ✓ | 2.0316477 ± 0.0810367 | 0.00110036 ± 0.00023186 | 0.1868 |
| 13D07640 | 8.3 % | ✓ | 1.7868359 ± 0.0694076 | 0.00147279 ± 0.00022785 | 0.2465 |
| 13D07641 | 8.8 % | ✓ | 1.5869915 ± 0.0662323 | 0.00168085 ± 0.00024686 | 0.2778 |
| 13D07643 | 9.3 % | ✓ | 1.3886208 ± 0.0601874 | 0.00203173 ± 0.00026554 | 0.3217 |
| 13D07644 | 9.9 % | ✓ | 1.0925061 ± 0.0404104 | 0.00223966 ± 0.00023119 | 0.3422 |
| 13D07645 | 10.5 % | ✓ | 0.8403267 ± 0.0325734 | 0.00247674 ± 0.00024301 | 0.3691 |
| 13D07647 | 11.2 % | ✓ | 0.6829128 ± 0.0222636 | 0.00263381 ± 0.00021252 | 0.3614 |
| 13D07648 | 11.9 % | ✓ | 0.4983477 ± 0.0121699 | 0.00280755 ± 0.00015600 | 0.3609 |
| 13D07649 | 12.8 % | | 0.4218702 ± 0.0096739 | 0.00298898 ± 0.00015193 | 0.3424 |
| 13D07651 | 13.9 % | | 0.3269735 ± 0.0052545 | 0.00311218 ± 0.00011370 | 0.2930 |
| 13D07652 | 15.2 % | | 0.2588547 ± 0.0034925 | 0.00315395 ± 0.00009505 | 0.2498 |
| 13D07653 | 16.7 % | | 0.1938051 ± 0.0027041 | 0.00317879 ± 0.00009619 | 0.1927 |
| 13D07655 | 18.2 % | | 0.1470053 ± 0.0020351 | 0.00322105 ± 0.00008825 | 0.1480 |
| 13D07656 | 19.7 % | | 0.1160892 ± 0.0026871 | 0.00333303 ± 0.00009953 | 0.1519 |
| 13D07658 | 21.2 % | | 0.0878964 ± 0.0029234 | 0.00329066 ± 0.00010731 | 0.1278 |

| Results | 40(a)/36(a) ± 2σ | 40(r)/39(k) ± 2σ | Age ± 2σ (Ka) | MSWD |
|---|---|---|---|---|
| Inverse Isochron | **295.53 ± 10.48** | 0.31400 ± 0.00884 | **937.2 ± 26.6** | 0.63 |
| | **± 3.55%** | ± 2.82% | **± 2.84%** | 89% |
| | | | Full External Error ± 34.0 | |
| | | | Analytical Error ± 26.4 | |

| Statistics | | | | |
|---|---|---|---|---|
| | 2σ Confidence Limit | 1.65 | Convergence | 0.0038241724 |
| | Error Magnification | 1.0000 | Number of Iterations | 4 |
| | Number of Data Points | 21 | Calculated Line | Weighted York-2 |
| | Spreading Factor | 57.9% | | |

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13D07613 | 1.8 % | | 6.1898765 | 0.27 | 0.0000000 | 0.00 | 0.0079181 | 6.31 | 0.0000061 | 236.44 | 29.7337 | 6.31 | 1.1568879 | 0.27 | 0.0000000 | 0.00 | 0.137465 | 0.36 | 0.0021349 | 14.29 | 0.0203913 | 236.44 | 11.42591 | 0.33 | 0.0200881 | 6.44 | 90.88669 | 5.49 | 1829.1085 | 0.27 | 0.0000000 | 0.00 | 0.0436813 | 2.68 |
| 13D07615 | 2.0 % | | 0.4816054 | 0.45 | 0.0000000 | 0.00 | 0.0087521 | 5.52 | 0.0000000 | 0.00 | 32.8657 | 5.52 | 0.0900121 | 0.45 | 0.0000000 | 0.00 | 0.176454 | 0.32 | 0.0023598 | 13.96 | 0.0000000 | 0.00 | 14.66657 | 0.27 | 0.0222041 | 5.68 | 16.97264 | 3.88 | 142.3144 | 0.45 | 0.0000000 | 0.00 | 0.0560703 | 2.67 |
| 13D07616 | 2.2 % | | 0.1269293 | 0.98 | 0.0000000 | 0.00 | 0.0111923 | 4.26 | 0.0000021 | 673.94 | 42.0289 | 4.26 | 0.0237231 | 0.98 | 0.0000000 | 0.00 | 0.224808 | 0.26 | 0.0030177 | 13.51 | 0.0070289 | 673.94 | 18.68572 | 0.21 | 0.0283948 | 4.46 | 8.78167 | 4.55 | 37.5076 | 0.98 | 0.0000000 | 0.00 | 0.0714355 | 2.67 |
| 13D07617 | 2.4 % | | 0.0870091 | 1.20 | 0.0000000 | 0.00 | 0.0157583 | 3.01 | 0.0000000 | 0.00 | 59.1750 | 3.01 | 0.0162620 | 1.20 | 0.0000000 | 0.00 | 0.326275 | 0.22 | 0.0042488 | 13.17 | 0.0000000 | 0.00 | 27.11949 | 0.15 | 0.0399786 | 3.29 | 9.38469 | 3.70 | 25.7112 | 1.20 | 0.0000000 | 0.00 | 0.1036778 | 2.66 |
| 13D07619 | 2.7 % | | 0.0866414 | 1.48 | 0.0000000 | 0.00 | 0.0254226 | 2.00 | 0.0000000 | 0.00 | 95.4659 | 2.00 | 0.0161933 | 1.48 | 0.0000000 | 0.00 | 0.507049 | 0.19 | 0.0068544 | 12.97 | 0.0000000 | 0.00 | 42.14524 | 0.11 | 0.0644967 | 2.39 | 14.21651 | 2.89 | 25.6025 | 1.48 | 0.0000000 | 0.00 | 0.1611213 | 2.66 |
| 13D07620 | 3.0 % | | 0.0559595 | 1.88 | 0.0000000 | 0.00 | 0.0200927 | 2.44 | 0.0000000 | 0.00 | 75.4514 | 2.43 | 0.0104588 | 1.88 | 0.0000000 | 0.00 | 0.411540 | 0.20 | 0.0054174 | 13.05 | 0.0000000 | 0.00 | 34.20663 | 0.12 | 0.0509750 | 2.77 | 11.25502 | 3.10 | 16.5360 | 1.88 | 0.0000000 | 0.00 | 0.1307720 | 2.66 |
| 13D07621 | 3.3 % | ✓ | 0.0693125 | 1.68 | 0.0000000 | 0.00 | 0.0308126 | 1.66 | 0.0000000 | 0.00 | 115.7065 | 1.65 | 0.0129545 | 1.68 | 0.0000000 | 0.00 | 0.633585 | 0.19 | 0.0083077 | 12.93 | 0.0000000 | 0.00 | 52.66268 | 0.10 | 0.0781713 | 2.11 | 16.83312 | 2.25 | 20.4818 | 1.68 | 0.0000000 | 0.00 | 0.2013294 | 2.66 |
| 13D07623 | 3.6 % | ✓ | 0.0645440 | 1.81 | 0.0000000 | 0.00 | 0.0350697 | 1.44 | 0.0000000 | 0.00 | 131.6924 | 1.43 | 0.0120633 | 1.81 | 0.0000000 | 0.00 | 0.710613 | 0.19 | 0.0094555 | 12.90 | 0.0000000 | 0.00 | 59.06515 | 0.09 | 0.0889714 | 1.95 | 18.41018 | 2.06 | 19.0727 | 1.81 | 0.0000000 | 0.00 | 0.2258061 | 2.66 |
| 13D07624 | 3.9 % | ✓ | 0.0480484 | 2.25 | 0.0000000 | 0.00 | 0.0335102 | 1.48 | 0.0000000 | 0.00 | 125.8363 | 1.47 | 0.0089803 | 2.25 | 0.0000000 | 0.00 | 0.698148 | 0.18 | 0.0090350 | 12.90 | 0.0000000 | 0.00 | 58.02907 | 0.09 | 0.0850150 | 1.98 | 17.90959 | 1.99 | 14.1983 | 2.25 | 0.0000000 | 0.00 | 0.2218451 | 2.66 |
| 13D07625 | 4.2 % | ✓ | 0.0392607 | 2.72 | 0.0000000 | 0.00 | 0.0312042 | 1.59 | 0.0000021 | 680.18 | 117.1770 | 1.58 | 0.0073378 | 2.72 | 0.0000000 | 0.00 | 0.644353 | 0.19 | 0.0084133 | 12.92 | 0.0069948 | 680.18 | 53.55768 | 0.10 | 0.0791648 | 2.06 | 16.28601 | 2.17 | 11.6015 | 2.72 | 0.0000000 | 0.00 | 0.2047510 | 2.66 |
| 13D07627 | 4.5 % | ✓ | 0.0349148 | 3.11 | 0.0000000 | 0.00 | 0.0335854 | 1.53 | 0.0000000 | 0.00 | 126.1187 | 1.52 | 0.0065256 | 3.11 | 0.0000000 | 0.00 | 0.669483 | 0.19 | 0.0090553 | 12.91 | 0.0000000 | 0.00 | 55.64650 | 0.09 | 0.0852058 | 2.01 | 17.54519 | 2.03 | 10.3173 | 3.11 | 0.0000000 | 0.00 | 0.2127366 | 2.66 |
| 13D07628 | 4.8 % | ✓ | 0.0296628 | 3.52 | 0.0000000 | 0.00 | 0.0315860 | 1.64 | 0.0000000 | 0.00 | 118.6107 | 1.63 | 0.0055440 | 3.52 | 0.0000000 | 0.00 | 0.621373 | 0.19 | 0.0085163 | 12.92 | 0.0000000 | 0.00 | 51.64763 | 0.10 | 0.0801334 | 2.10 | 15.97751 | 2.17 | 8.7654 | 3.52 | 0.0000000 | 0.00 | 0.1974489 | 2.66 |
| 13D07629 | 5.1 % | ✓ | 0.0293229 | 3.60 | 0.0000000 | 0.00 | 0.0341129 | 1.48 | 0.0000000 | 0.00 | 128.0996 | 1.47 | 0.0054804 | 3.60 | 0.0000000 | 0.00 | 0.631586 | 0.19 | 0.0091975 | 12.90 | 0.0000000 | 0.00 | 52.49653 | 0.10 | 0.0865441 | 1.98 | 16.35295 | 2.14 | 8.6649 | 3.60 | 0.0000000 | 0.00 | 0.2006942 | 2.66 |
| 13D07631 | 5.4 % | ✓ | 0.0152533 | 6.49 | 0.0000000 | 0.00 | 0.0241312 | 2.00 | 0.0000000 | 0.00 | 90.6165 | 1.99 | 0.0028508 | 6.49 | 0.0000000 | 0.00 | 0.438316 | 0.20 | 0.0065063 | 12.97 | 0.0000000 | 0.00 | 36.43219 | 0.12 | 0.0612205 | 2.39 | 11.53488 | 2.88 | 4.5073 | 6.49 | 0.0000000 | 0.00 | 0.1392802 | 2.66 |
| 13D07632 | 5.7 % | ✓ | 0.0119573 | 7.91 | 0.0000000 | 0.00 | 0.0225743 | 2.14 | 0.0000011 | ###### | 84.7704 | 2.13 | 0.0022348 | 7.91 | 0.0000000 | 0.00 | 0.384632 | 0.21 | 0.0060865 | 13.00 | 0.0037016 | ###### | 31.97007 | 0.14 | 0.0572709 | 2.51 | 10.40252 | 3.08 | 3.5334 | 7.91 | 0.0000000 | 0.00 | 0.1222216 | 2.66 |
| 13D07633 | 6.1 % | ✓ | 0.0152641 | 6.50 | 0.0000000 | 0.00 | 0.0259377 | 1.88 | 0.0000070 | 209.90 | 97.4002 | 1.87 | 0.0028529 | 6.50 | 0.0000000 | 0.00 | 0.434546 | 0.20 | 0.0069933 | 12.96 | 0.0232074 | 209.90 | 36.11886 | 0.12 | 0.0658035 | 2.29 | 11.64251 | 2.86 | 4.5105 | 6.50 | 0.0000000 | 0.00 | 0.1380824 | 2.66 |
| 13D07635 | 6.5 % | ✓ | 0.0114751 | 8.51 | 0.0000000 | 0.00 | 0.0220775 | 2.17 | 0.0000000 | 0.00 | 82.9046 | 2.16 | 0.0021447 | 8.51 | 0.0000000 | 0.00 | 0.350232 | 0.21 | 0.0059525 | 13.00 | 0.0000000 | 0.00 | 29.11076 | 0.14 | 0.0560103 | 2.53 | 9.04438 | 3.63 | 3.3909 | 8.51 | 0.0000000 | 0.00 | 0.1112904 | 2.66 |
| 13D07636 | 6.9 % | ✓ | 0.0092013 | 10.49 | 0.0000000 | 0.00 | 0.0188958 | 2.66 | 0.0000000 | 0.00 | 70.9569 | 2.65 | 0.0017197 | 10.49 | 0.0000000 | 0.00 | 0.275870 | 0.23 | 0.0050947 | 13.09 | 0.0000000 | 0.00 | 22.92997 | 0.17 | 0.0479385 | 2.96 | 7.60868 | 4.28 | 2.7190 | 10.49 | 0.0000000 | 0.00 | 0.0876613 | 2.67 |
| 13D07637 | 7.3 % | ✓ | 0.0088502 | 11.05 | 0.0000000 | 0.00 | 0.0197402 | 2.49 | 0.0000175 | 80.14 | 74.1276 | 2.48 | 0.0016541 | 11.05 | 0.0000000 | 0.00 | 0.259925 | 0.24 | 0.0053224 | 13.06 | 0.0581776 | 80.15 | 21.60458 | 0.18 | 0.0500806 | 2.81 | 7.20254 | 4.57 | 2.6152 | 11.05 | 0.0000000 | 0.00 | 0.0825943 | 2.67 |
| 13D07639 | 7.8 % | ✓ | 0.0087684 | 10.35 | 0.0000000 | 0.00 | 0.0161892 | 2.98 | 0.0000079 | 177.50 | 60.7930 | 2.98 | 0.0016388 | 10.35 | 0.0000000 | 0.00 | 0.194775 | 0.28 | 0.0043649 | 13.16 | 0.0263975 | 177.51 | 16.18942 | 0.23 | 0.0410718 | 3.26 | 5.37756 | 5.79 | 2.5911 | 10.35 | 0.0000000 | 0.00 | 0.0618922 | 2.67 |
| 13D07640 | 8.3 % | ✓ | 0.0120047 | 7.49 | 0.0000000 | 0.00 | 0.0151672 | 3.02 | 0.0000000 | 0.00 | 56.9552 | 3.01 | 0.0022437 | 7.49 | 0.0000000 | 0.00 | 0.175225 | 0.31 | 0.0040894 | 13.17 | 0.0000000 | 0.00 | 14.56446 | 0.26 | 0.0384790 | 3.29 | 4.60360 | 6.70 | 3.5474 | 7.49 | 0.0000000 | 0.00 | 0.0556799 | 2.67 |
| 13D07641 | 8.8 % | ✓ | 0.0127852 | 7.05 | 0.0000000 | 0.00 | 0.0136363 | 3.45 | 0.0000000 | 0.00 | 51.2065 | 3.45 | 0.0023896 | 7.05 | 0.0000000 | 0.00 | 0.145230 | 0.35 | 0.0036766 | 13.28 | 0.0000000 | 0.00 | 12.07128 | 0.31 | 0.0345951 | 3.69 | 3.82836 | 8.07 | 3.7780 | 7.05 | 0.0000000 | 0.00 | 0.0461485 | 2.68 |
| 13D07643 | 9.3 % | ✓ | 0.0149391 | 6.18 | 0.0000000 | 0.00 | 0.0124770 | 3.75 | 0.0000000 | 0.00 | 46.8533 | 3.74 | 0.0027921 | 6.18 | 0.0000000 | 0.00 | 0.122841 | 0.41 | 0.0033641 | 13.36 | 0.0000000 | 0.00 | 10.21040 | 0.37 | 0.0316541 | 3.97 | 2.93841 | 10.71 | 4.4145 | 6.18 | 0.0000000 | 0.00 | 0.0390344 | 2.69 |
| 13D07644 | 9.9 % | ✓ | 0.0194468 | 4.83 | 0.0000000 | 0.00 | 0.0133460 | 3.63 | 0.0000049 | 278.82 | 50.1164 | 3.62 | 0.0036346 | 4.83 | 0.0000000 | 0.00 | 0.114128 | 0.42 | 0.0035984 | 13.32 | 0.0163698 | 278.82 | 9.48615 | 0.39 | 0.0338587 | 3.86 | 2.93639 | 10.87 | 5.7465 | 4.83 | 0.0000000 | 0.00 | 0.0362655 | 2.69 |
| 13D07645 | 10.5 % | ✓ | 0.0208197 | 4.53 | 0.0000000 | 0.00 | 0.0104770 | 4.45 | 0.0000074 | 189.30 | 39.3427 | 4.45 | 0.0038912 | 4.53 | 0.0000000 | 0.00 | 0.084985 | 0.52 | 0.0028248 | 13.57 | 0.0246565 | 189.30 | 7.06384 | 0.50 | 0.0265799 | 4.64 | 2.25386 | 14.21 | 6.1522 | 4.53 | 0.0000000 | 0.00 | 0.0270051 | 2.71 |
| 13D07647 | 11.2 % | ✓ | 0.0269038 | 3.73 | 0.0000000 | 0.00 | 0.0157703 | 3.09 | 0.0000082 | 174.47 | 59.2202 | 3.09 | 0.0050283 | 3.73 | 0.0000000 | 0.00 | 0.083926 | 0.55 | 0.0042520 | 13.19 | 0.0271294 | 174.47 | 6.97579 | 0.53 | 0.0400092 | 3.36 | 2.26469 | 14.82 | 7.9501 | 3.73 | 0.0000000 | 0.00 | 0.0266685 | 2.71 |
| 13D07648 | 11.9 % | ✓ | 0.0398571 | 2.55 | 0.0000000 | 0.00 | 0.0224218 | 2.22 | 0.0000157 | 88.62 | 84.1977 | 2.21 | 0.0074493 | 2.55 | 0.0000000 | 0.00 | 0.085116 | 0.54 | 0.0060454 | 13.01 | 0.0520538 | 88.63 | 7.07474 | 0.52 | 0.0568840 | 2.58 | 2.41861 | 14.01 | 11.7778 | 2.55 | 0.0000000 | 0.00 | 0.0270467 | 2.71 |
| 13D07649 | 12.8 % | | 0.0471582 | 2.34 | 0.0000000 | 0.00 | 0.0255643 | 2.03 | 0.0000000 | 0.00 | 95.9983 | 2.03 | 0.0088139 | 2.34 | 0.0000000 | 0.00 | 0.080078 | 0.59 | 0.0068927 | 12.98 | 0.0000000 | 0.00 | 6.65600 | 0.56 | 0.0648564 | 2.42 | 1.84210 | 19.64 | 13.9353 | 2.34 | 0.0000000 | 0.00 | 0.0254459 | 2.72 |
| 13D07651 | 13.9 % | | 0.0745958 | 1.70 | 0.0000000 | 0.00 | 0.0486130 | 1.12 | 0.0000267 | 55.68 | 182.5496 | 1.11 | 0.0139420 | 1.70 | 0.0000000 | 0.00 | 0.094290 | 0.49 | 0.0131071 | 12.87 | 0.0886429 | 55.68 | 7.83723 | 0.46 | 0.1233305 | 1.73 | 1.92594 | 21.15 | 22.0431 | 1.70 | 0.0000000 | 0.00 | 0.0299617 | 2.70 |
| 13D07652 | 15.2 % | | 0.0983105 | 1.42 | 0.0000000 | 0.00 | 0.0734605 | 0.88 | 0.0000257 | 55.36 | 275.8560 | 0.87 | 0.0183742 | 1.42 | 0.0000000 | 0.00 | 0.097074 | 0.48 | 0.0198065 | 12.85 | 0.0854467 | 55.37 | 8.06865 | 0.45 | 0.1863683 | 1.58 | 2.11982 | 20.82 | 29.0508 | 1.42 | 0.0000000 | 0.00 | 0.0308465 | 2.70 |
| 13D07653 | 16.7 % | | 0.1111723 | 1.44 | 0.0000000 | 0.00 | 0.0917955 | 0.77 | 0.0000000 | 0.00 | 344.7072 | 0.75 | 0.0207781 | 1.44 | 0.0000000 | 0.00 | 0.081546 | 0.56 | 0.0247500 | 12.84 | 0.0000000 | 0.00 | 6.77798 | 0.53 | 0.2328842 | 1.52 | 2.12175 | 23.56 | 32.8514 | 1.44 | 0.0000000 | 0.00 | 0.0259122 | 2.71 |
| 13D07655 | 18.2 % | | 0.1361135 | 1.32 | 0.0000000 | 0.00 | 0.1203718 | 0.70 | 0.0000151 | 94.73 | 452.0157 | 0.69 | 0.0254396 | 1.32 | 0.0000000 | 0.00 | 0.074738 | 0.60 | 0.0324547 | 12.84 | 0.0503027 | 94.73 | 6.21208 | 0.58 | 0.3053818 | 1.49 | 2.03599 | 27.17 | 40.2215 | 1.32 | 0.0000000 | 0.00 | 0.0237488 | 2.72 |
| 13D07656 | 19.7 % | | 0.1025016 | 1.40 | 0.0000000 | 0.00 | 0.0825338 | 0.81 | 0.0000000 | 0.00 | 309.9281 | 0.80 | 0.0191575 | 1.40 | 0.0000000 | 0.00 | 0.042952 | 1.05 | 0.0222528 | 12.84 | 0.0000000 | 0.00 | 3.57012 | 1.04 | 0.2093874 | 1.54 | 0.46402 | 97.64 | 30.2892 | 1.40 | 0.0000000 | 0.00 | 0.0136486 | 2.86 |
| 13D07658 | 21.2 % | | 0.0879398 | 1.52 | 0.0000000 | 0.00 | 0.0728612 | 0.90 | 0.0000000 | 0.00 | 273.6059 | 0.88 | 0.0164359 | 1.52 | 0.0000000 | 0.00 | 0.028260 | 1.56 | 0.0196449 | 12.85 | 0.0000000 | 0.00 | 2.34895 | 1.56 | 0.1848481 | 1.59 | 0.73786 | 57.64 | 25.9862 | 1.52 | 0.0000000 | 0.00 | 0.0089800 | 3.08 |
| | | Σ | 8.2284051 | 0.22 | 0.0000000 | 0.00 | 1.0870589 | 0.28 | 0.0001475 | 36.26 | 4082.0836 | 0.28 | 1.5378889 | 0.22 | 0.0000000 | 0.00 | 10.041414 | 0.05 | 0.2930936 | 2.84 | 0.4905010 | 36.27 | 834.62834 | 0.03 | 2.7578557 | 0.41 | 366.11626 | 1.49 | 2431.4937 | 0.22 | 0.0000000 | 0.00 | 3.1907842 | 0.57 |
| | | Σ | | | | | | | 9.3156115 | 0.20 | 4082.0836 | 0.28 | | | | | | | | | 12.362897 | 1.44 | | | 837.38620 | 0.03 | | | | | | | 2800.8007 | 0.27 |

| Additional Parameters | | | 40Ar/39Ar | 1σ | 37Ar/39Ar | 1σ | 36Ar/39Ar | 1σ | Time (days) | 37Ar (decay) | 39Ar (decay) | 40Ar (moles) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13D07613 | 1.8 % | | 167.747599 | 0.546038 | 2.597736 | 0.164051 | 0.541482 | 0.002298 | 184.939 | 38.682253 | 1.00130666 | 9.216E-11 |
| 13D07615 | 2.0 % | | 10.847949 | 0.031414 | 2.237472 | 0.123667 | 0.033383 | 0.000170 | 184.956 | 38.695520 | 1.00130679 | 7.648E-12 |
| 13D07616 | 2.2 % | | 2.477312 | 0.009901 | 2.245841 | 0.095715 | 0.007381 | 0.000063 | 184.965 | 38.701890 | 1.00130685 | 2.225E-12 |
| 13D07617 | 2.4 % | | 1.296032 | 0.006104 | 2.178798 | 0.065676 | 0.003784 | 0.000035 | 184.974 | 38.708792 | 1.00130691 | 1.690E-12 |
| 13D07619 | 2.7 % | | 0.947178 | 0.003871 | 2.261702 | 0.045262 | 0.002655 | 0.000028 | 184.991 | 38.722068 | 1.00130703 | 1.919E-12 |
| 13D07620 | 3.0 % | | 0.815054 | 0.004719 | 2.202472 | 0.053606 | 0.002220 | 0.000027 | 184.999 | 38.728442 | 1.00130709 | 1.340E-12 |
| 13D07621 | 3.3 % | ✓ | 0.711333 | 0.003073 | 2.193868 | 0.036231 | 0.001898 | 0.000020 | 185.008 | 38.734817 | 1.00130715 | 1.801E-12 |
| 13D07623 | 3.6 % | ✓ | 0.637466 | 0.002722 | 2.226259 | 0.031999 | 0.001684 | 0.000018 | 185.025 | 38.748102 | 1.00130727 | 1.810E-12 |
| 13D07624 | 3.9 % | ✓ | 0.556315 | 0.002758 | 2.165332 | 0.031881 | 0.001403 | 0.000017 | 185.034 | 38.755012 | 1.00130734 | 1.552E-12 |
| 13D07625 | 4.2 % | ✓ | 0.523750 | 0.002982 | 2.184636 | 0.034669 | 0.001314 | 0.000018 | 185.042 | 38.761392 | 1.00130739 | 1.348E-12 |
| 13D07627 | 4.5 % | ✓ | 0.503757 | 0.002856 | 2.262961 | 0.034481 | 0.001229 | 0.000017 | 185.060 | 38.774686 | 1.00130752 | 1.348E-12 |
| 13D07628 | 4.8 % | ✓ | 0.482146 | 0.003076 | 2.292980 | 0.037529 | 0.001184 | 0.000018 | 185.068 | 38.781069 | 1.00130758 | 1.197E-12 |
| 13D07629 | 5.1 % | ✓ | 0.479595 | 0.003028 | 2.436137 | 0.035978 | 0.001206 | 0.000018 | 185.077 | 38.787985 | 1.00130764 | 1.210E-12 |
| 13D07631 | 5.4 % | ✓ | 0.443409 | 0.004337 | 2.483091 | 0.049622 | 0.001079 | 0.000024 | 185.094 | 38.801288 | 1.00130776 | 7.767E-13 |
| 13D07632 | 5.7 % | ✓ | 0.438942 | 0.004939 | 2.646812 | 0.056560 | 0.001078 | 0.000025 | 185.103 | 38.807676 | 1.00130782 | 6.748E-13 |
| 13D07633 | 6.1 % | ✓ | 0.450222 | 0.004385 | 2.691753 | 0.050486 | 0.001139 | 0.000024 | 185.112 | 38.814596 | 1.00130789 | 7.820E-13 |
| 13D07635 | 6.5 % | ✓ | 0.430167 | 0.005428 | 2.842433 | 0.061598 | 0.001150 | 0.000029 | 185.128 | 38.827376 | 1.00130800 | 6.022E-13 |
| 13D07636 | 6.9 % | ✓ | 0.453276 | 0.006898 | 3.088048 | 0.082152 | 0.001223 | 0.000036 | 185.137 | 38.834300 | 1.00130807 | 4.999E-13 |
| 13D07637 | 7.3 % | ✓ | 0.457194 | 0.007290 | 3.423168 | 0.085255 | 0.001321 | 0.000039 | 185.146 | 38.840693 | 1.00130813 | 4.752E-13 |
| 13D07639 | 7.8 % | ✓ | 0.494779 | 0.009792 | 3.745606 | 0.111815 | 0.001538 | 0.000047 | 185.163 | 38.854014 | 1.00130825 | 3.855E-13 |
| 13D07640 | 8.3 % | ✓ | 0.561987 | 0.010841 | 3.900257 | 0.118013 | 0.001861 | 0.000053 | 185.172 | 38.860410 | 1.00130831 | 3.939E-13 |
| 13D07641 | 8.8 % | ✓ | 0.632134 | 0.013112 | 4.229888 | 0.146561 | 0.002183 | 0.000064 | 185.181 | 38.867340 | 1.00130837 | 3.673E-13 |
| 13D07643 | 9.3 % | ✓ | 0.721725 | 0.015559 | 4.574600 | 0.172148 | 0.002677 | 0.000078 | 185.198 | 38.880671 | 1.00130849 | 3.548E-13 |
| 13D07644 | 9.9 % | ✓ | 0.915881 | 0.016868 | 5.264330 | 0.191828 | 0.003445 | 0.000086 | 185.206 | 38.887071 | 1.00130855 | 4.185E-13 |
| 13D07645 | 10.5 % | ✓ | 1.189361 | 0.022976 | 5.548704 | 0.248188 | 0.004415 | 0.000118 | 185.215 | 38.894006 | 1.00130862 | 4.048E-13 |
| 13D07647 | 11.2 % | ✓ | 1.459766 | 0.023723 | 8.440973 | 0.264291 | 0.006084 | 0.000129 | 185.232 | 38.906812 | 1.00130873 | 4.916E-13 |
| 13D07648 | 11.9 % | ✓ | 1.994418 | 0.024276 | 11.806249 | 0.268282 | 0.008735 | 0.000132 | 185.241 | 38.913750 | 1.00130880 | 6.827E-13 |
| 13D07649 | 12.8 % | | 2.351309 | 0.026858 | 14.283642 | 0.299988 | 0.010820 | 0.000157 | 185.249 | 38.920156 | 1.00130886 | 7.585E-13 |
| 13D07651 | 13.9 % | | 3.014733 | 0.024065 | 22.931752 | 0.275769 | 0.015481 | 0.000161 | 185.267 | 38.933505 | 1.00130898 | 1.152E-12 |
| 13D07652 | 15.2 % | | 3.779691 | 0.025195 | 33.416760 | 0.324216 | 0.020811 | 0.000175 | 185.276 | 38.940448 | 1.00130904 | 1.498E-12 |
| 13D07653 | 16.7 % | | 4.992121 | 0.034054 | 49.167564 | 0.448515 | 0.028950 | 0.000253 | 185.284 | 38.946858 | 1.00130910 | 1.680E-12 |
| 13D07655 | 18.2 % | | 6.487382 | 0.043184 | 69.354559 | 0.610356 | 0.039356 | 0.000325 | 185.301 | 38.960216 | 1.00130922 | 2.030E-12 |
| 13D07656 | 19.7 % | | 8.140454 | 0.089763 | 82.002265 | 1.032935 | 0.048958 | 0.000585 | 185.310 | 38.966629 | 1.00130928 | 1.477E-12 |
| 13D07658 | 21.2 % | | 10.550582 | 0.163849 | 107.982511 | 1.821625 | 0.063462 | 0.001022 | 185.327 | 38.979994 | 1.00130941 | 1.283E-12 |

| Procedure Blanks | | 36Ar ± 1σ (SE) [fA] | 37Ar ± 1σ (SE) [fA] | 38Ar ± 1σ (SE) [fA] | 39Ar ± 1σ (SE) [fA] | 40Ar ± 1σ (SE) [fA] |
|---|---|---|---|---|---|---|
| 13D07613 | 1.8 % | 0.0186156 ± 0.0005495 | 0.0384509 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.3982240 ± 0.1548356 |
| 13D07615 | 2.0 % | 0.0191654 ± 0.0005495 | 0.0381584 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.4643050 ± 0.1548356 |
| 13D07616 | 2.2 % | 0.0194052 ± 0.0005495 | 0.0365790 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.5019954 ± 0.1548356 |
| 13D07617 | 2.4 % | 0.0196462 ± 0.0005495 | 0.0340363 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.5456041 ± 0.1548356 |
| 13D07619 | 2.7 % | 0.0200526 ± 0.0005495 | 0.0273094 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.6333705 ± 0.1548356 |
| 13D07620 | 3.0 % | 0.0202200 ± 0.0005495 | 0.0234793 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.6755234 ± 0.1548356 |
| 13D07621 | 3.3 % | 0.0203691 ± 0.0005495 | 0.0194097 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.7166575 ± 0.1548356 |
| 13D07623 | 3.6 % | 0.0206198 ± 0.0005495 | 0.0105956 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.7961729 ± 0.1548356 |
| 13D07624 | 3.9 % | 0.0207180 ± 0.0005495 | 0.0060463 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.8328256 ± 0.1548356 |
| 13D07625 | 4.2 % | 0.0207892 ± 0.0005495 | 0.0019833 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.8630760 ± 0.1548356 |
| 13D07627 | 4.5 % | 0.0208783 ± 0.0005495 | 0.0057558 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.9132258 ± 0.1548356 |
| 13D07628 | 4.8 % | 0.0208931 ± 0.0005495 | 0.0089990 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.9304284 ± 0.1548356 |
| 13D07629 | 5.1 % | 0.0208894 ± 0.0005495 | 0.0120901 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.9436455 ± 0.1548356 |
| 13D07631 | 5.4 % | 0.0208267 ± 0.0005495 | 0.0166278 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.9525225 ± 0.1548356 |
| 13D07632 | 5.7 % | 0.0207720 ± 0.0005495 | 0.0180884 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.9488966 ± 0.1548356 |
| 13D07633 | 6.1 % | 0.0206958 ± 0.0005495 | 0.0191169 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.9392082 ± 0.1548356 |
| 13D07635 | 6.5 % | 0.0205128 ± 0.0005495 | 0.0194735 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.9060168 ± 0.1548356 |
| 13D07636 | 6.9 % | 0.0203930 ± 0.0005495 | 0.0188377 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.8801727 ± 0.1548356 |
| 13D07637 | 7.3 % | 0.0202711 ± 0.0005495 | 0.0177512 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.8517839 ± 0.1548356 |
| 13D07639 | 7.8 % | 0.0199874 ± 0.0005495 | 0.0140535 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.7802627 ± 0.1548356 |
| 13D07640 | 8.3 % | 0.0198398 ± 0.0005495 | 0.0116601 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.7409106 ± 0.1548356 |
| 13D07641 | 8.8 % | 0.0196738 ± 0.0005495 | 0.0086817 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.6954147 ± 0.1548356 |
| 13D07643 | 9.3 % | 0.0193441 ± 0.0005495 | 0.0020771 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.6023654 ± 0.1548356 |
| 13D07644 | 9.9 % | 0.0191845 ± 0.0005495 | 0.0013657 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.5565910 ± 0.1548356 |
| 13D07645 | 10.5 % | 0.0190134 ± 0.0005495 | 0.0051792 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.5074043 ± 0.1548356 |
| 13D07647 | 11.2 % | 0.0187107 ± 0.0005495 | 0.0120907 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.4213512 ± 0.1548356 |
| 13D07648 | 11.9 % | 0.0185585 ± 0.0005495 | 0.0155445 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.3795186 ± 0.1548356 |
| 13D07649 | 12.8 % | 0.0184285 ± 0.0005495 | 0.0184038 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.3453455 ± 0.1548356 |
| 13D07651 | 13.9 % | 0.0182000 ± 0.0005495 | 0.0228296 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.2928680 ± 0.1548356 |
| 13D07652 | 15.2 % | 0.0181095 ± 0.0005495 | 0.0240141 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.2784499 ± 0.1548356 |
| 13D07653 | 16.7 % | 0.0180467 ± 0.0005495 | 0.0242335 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.2748182 ± 0.1548356 |
| 13D07655 | 18.2 % | 0.0179919 ± 0.0005495 | 0.0213413 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.3032598 ± 0.1548356 |
| 13D07656 | 19.7 % | 0.0180077 ± 0.0005495 | 0.0180172 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.3372651 ± 0.1548356 |
| 13D07658 | 21.2 % | 0.0181447 ± 0.0005495 | 0.0061304 ± 0.0325484 | 0.0243509 ± 0.0379586 | 0.0461110 ± 0.0254831 | 5.4591314 ± 0.1548356 |

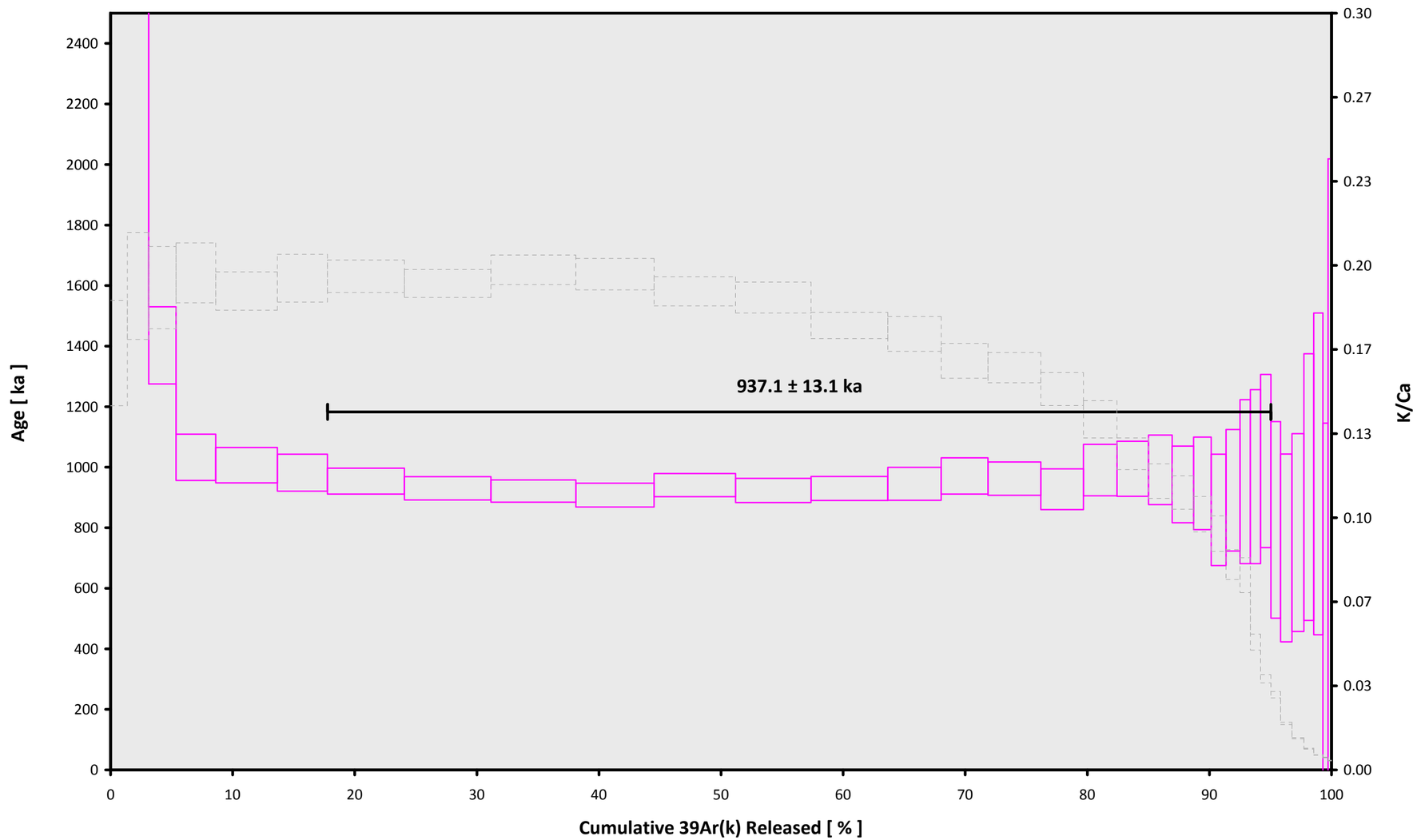
| Intercept Values | | 36Ar ± 1σ (SE) [fA] | r2 | Regression (type,n) | 37Ar ± 1σ (SE) [fA] | r2 | Regression (type,n) | 38Ar ± 1σ (SE) [fA] | r2 | Regression (type,n) | 39Ar ± 1σ (SE) [fA] | r2 | Regression (type,n) | 40Ar ± 1σ (SE) [fA] | r2 | Regression (type,n) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13D07613 | 1.8 % | 5.9995660 ± 0.0055828 | 0.9833 | EXP 150 of 150 | 0.7932902 ± 0.0344863 | 0.0090 | EXP 150 of 150 | 1.2767174 ± 0.0285489 | 0.0225 | EXP 150 of 150 | 11.4086716 ± 0.0258192 | 0.8586 | EXP 150 of 150 | 1929.403721 ± 0.097802 | 0.9999 | EXP 150 of 150 |
| 13D07615 | 2.0 % | 0.4923662 ± 0.0015427 | 0.7916 | EXP 150 of 150 | 0.8722238 ± 0.0322346 | 0.0230 | EXP 150 of 150 | 0.2176022 ± 0.0264822 | 0.0003 | EXP 150 of 150 | 14.6278097 ± 0.0289623 | 0.9116 | EXP 150 of 150 | 165.136613 ± 0.036720 | 0.9970 | EXP 150 of 150 |
| 13D07616 | 2.2 % | 0.1526962 ± 0.0008974 | 0.2151 | EXP 150 of 150 | 1.1030128 ± 0.0310822 | 0.0476 | EXP 150 of 150 | 0.2311220 ± 0.0273609 | 0.0112 | EXP 150 of 150 | 18.6238049 ± 0.0270473 | 0.9532 | EXP 150 of 150 | 51.958489 ± 0.031847 | 0.6272 | EXP 150 of 150 |
| 13D07617 | 2.4 % | 0.1188179 ± 0.0006666 | 0.1274 | EXP 150 of 150 | 1.5352632 ± 0.0302270 | 0.0040 | EXP 150 of 150 | 0.3163111 ± 0.0283137 | 0.0046 | EXP 150 of 150 | 27.0075918 ± 0.0253907 | 0.9789 | EXP 150 of 150 | 40.817876 ± 0.030361 | 0.9157 | EXP 150 of 150 |
| 13D07619 | 2.7 % | 0.1281956 ± 0.0009578 | 0.0713 | EXP 150 of 150 | 2.4483784 ± 0.0331625 | 0.1403 | EXP 150 of 150 | 0.4664316 ± 0.0282744 | 0.0086 | EXP 150 of 150 | 41.9481361 ± 0.0267501 | 0.9904 | EXP 150 of 150 | 45.696117 ± 0.030830 | 0.8098 | EXP 149 of 150 |
| 13D07620 | 3.0 % | 0.0936113 ± 0.0006886 | 0.0005 | EXP 150 of 150 | 1.9366552 ± 0.0314616 | 0.0660 | EXP 150 of 150 | 0.3411484 ± 0.0306842 | 0.0002 | EXP 150 of 150 | 34.0539758 ± 0.0263249 | 0.9861 | EXP 150 of 150 | 33.655021 ± 0.032439 | 0.9437 | EXP 150 of 150 |
| 13D07621 | 3.3 % | 0.1169910 ± 0.0008106 | 0.0802 | EXP 150 of 150 | 2.9528262 ± 0.0318118 | 0.1787 | EXP 150 of 150 | 0.5773347 ± 0.0292633 | 0.0081 | EXP 150 of 150 | 52.4024719 ± 0.0333029 | 0.9909 | EXP 150 of 150 | 43.310455 ± 0.030558 | 0.8404 | EXP 150 of 150 |
| 13D07623 | 3.6 % | 0.1167481 ± 0.0008191 | 0.1198 | EXP 150 of 150 | 3.3481463 ± 0.0297839 | 0.3235 | EXP 150 of 150 | 0.6851045 ± 0.0299258 | 0.0322 | EXP 150 of 150 | 58.7689739 ± 0.0315449 | 0.9936 | EXP 150 of 150 | 43.582804 ± 0.028746 | 0.8458 | EXP 150 of 150 |
| 13D07624 | 3.9 % | 0.0994230 ± 0.0007187 | 0.0249 | EXP 150 of 150 | 3.1946133 ± 0.0286567 | 0.3099 | EXP 150 of 150 | 0.6558736 ± 0.0264699 | 0.0184 | EXP 150 of 150 | 57.7365172 ± 0.0282498 | 0.9946 | EXP 150 of 150 | 38.229361 ± 0.030896 | 0.9055 | EXP 150 of 150 |
| 13D07625 | 4.2 % | 0.0887907 ± 0.0007085 | 0.0079 | EXP 149 of 150 | 2.9706435 ± 0.0296479 | 0.2901 | EXP 150 of 150 | 0.6347381 ± 0.0276613 | 0.0574 | EXP 150 of 150 | 53.2919218 ± 0.0284757 | 0.9936 | EXP 150 of 150 | 34.013416 ± 0.031576 | 0.9365 | EXP 150 of 150 |
| 13D07627 | 4.5 % | 0.0869818 ± 0.0007209 | 0.0000 | EXP 150 of 150 | 3.1883460 ± 0.0313733 | 0.2709 | EXP 150 of 150 | 0.6126805 ± 0.0247793 | 0.0117 | EXP 150 of 150 | 55.3714955 ± 0.0283177 | 0.9940 | EXP 150 of 150 | 34.046485 ± 0.027961 | 0.9396 | EXP 150 of 150 |
| 13D07628 | 4.8 % | 0.0799990 ± 0.0006645 | 0.0002 | EXP 150 of 150 | 2.9944606 ± 0.0326908 | 0.1609 | EXP 150 of 150 | 0.5593172 ± 0.0269092 | 0.0005 | EXP 150 of 150 | 51.3967442 ± 0.0296710 | 0.9924 | EXP 150 of 150 | 30.922269 ± 0.028988 | 0.9502 | EXP 150 of 150 |
| 13D07629 | 5.1 % | 0.0821057 ± 0.0006876 | 0.0033 | EXP 150 of 150 | 3.2310674 ± 0.0299820 | 0.2638 | EXP 149 of 150 | 0.5288090 ± 0.0266365 | 0.0030 | EXP 150 of 150 | 52.2458163 ± 0.0282676 | 0.9934 | EXP 150 of 150 | 31.214302 ± 0.029862 | 0.9451 | EXP 150 of 150 |
| 13D07631 | 5.4 % | 0.0588331 ± 0.0006192 | 0.0775 | EXP 150 of 150 | 2.2767651 ± 0.0295030 | 0.2104 | EXP 150 of 150 | 0.4083042 ± 0.0270144 | 0.0139 | EXP 150 of 150 | 36.2734499 ± 0.0272470 | 0.9871 | EXP 150 of 150 | 22.167448 ± 0.028141 | 0.9721 | EXP 150 of 150 |
| 13D07632 | 5.7 % | 0.0540965 ± 0.0005539 | 0.1514 | EXP 150 of 150 | 2.1269939 ± 0.0298410 | 0.2373 | EXP 149 of 150 | 0.3675416 ± 0.0315596 | 0.0048 | EXP 150 of 150 | 31.8399475 ± 0.0291291 | 0.9810 | EXP 150 of 150 | 20.036073 ± 0.027872 | 0.9765 | EXP 150 of 150 |
| 13D07633 | 6.1 % | 0.0604627 ± 0.0006182 | 0.1263 | EXP 150 of 150 | 2.4451184 ± 0.0296514 | 0.2247 | EXP 150 of 150 | 0.4376345 ± 0.0295494 | 0.0417 | EXP 150 of 150 | 35.9669484 ± 0.0287035 | 0.9854 | EXP 150 of 150 | 22.263985 ± 0.029916 | 0.9683 | EXP 150 of 150 |
| 13D07635 | 6.5 % | 0.0528915 ± 0.0006053 | 0.0915 | EXP 150 of 150 | 2.0773317 ± 0.0293334 | 0.0891 | EXP 150 of 150 | 0.3087355 ± 0.0272523 | 0.0031 | EXP 150 of 150 | 29.0002203 ± 0.0256138 | 0.9824 | EXP 150 of 150 | 18.478514 ± 0.029790 | 0.9730 | EXP 150 of 150 |
| 13D07636 | 6.9 % | 0.0475071 ± 0.0005712 | 0.1920 | EXP 150 of 150 | 1.7754688 ± 0.0333164 | 0.0931 | EXP 150 of 150 | 0.2268525 ± 0.0270740 | 0.0000 | EXP 150 of 150 | 22.8564836 ± 0.0256118 | 0.9721 | EXP 150 of 150 | 16.317013 ± 0.030655 | 0.9743 | EXP 150 of 150 |
| 13D07637 | 7.3 % | 0.0478780 ± 0.0005991 | 0.0934 | EXP 150 of 150 | 1.8564244 ± 0.0316004 | 0.2127 | EXP 150 of 150 | 0.2968249 ± 0.0260696 | 0.0333 | EXP 150 of 150 | 21.5428849 ± 0.0269067 | 0.9620 | EXP 150 of 150 | 15.772614 ± 0.026745 | 0.9810 | EXP 150 of 150 |
| 13D07639 | 7.8 % | 0.0440794 ± 0.0004939 | 0.1653 | EXP 150 of 150 | 1.5224569 ± 0.0309685 | 0.1449 | EXP 150 of 150 | 0.2000977 ± 0.0264809 | 0.0055 | EXP 150 of 150 | 16.1582631 ± 0.0243737 | 0.9503 | EXP 150 of 150 | 13.827362 ± 0.032427 | 0.9734 | EXP 150 of 150 |
| 13D07640 | 8.3 % | 0.0460609 ± 0.0005017 | 0.1763 | EXP 148 of 150 | 1.4276149 ± 0.0275438 | 0.0294 | EXP 150 of 150 | 0.1478447 ± 0.0274267 | 0.0003 | EXP 150 of 150 | 14.5425762 ± 0.0266069 | 0.9224 | EXP 150 of 150 | 13.964524 ± 0.026993 | 0.9812 | EXP 149 of 150 |
| 13D07641 | 8.8 % | 0.0451709 ± 0.0004931 | 0.1488 | EXP 150 of 150 | 1.2850906 ± 0.0296996 | 0.0387 | EXP 150 of 150 | 0.0857413 ± 0.0284785 | 0.0111 | EXP 150 of 150 | 12.0637190 ± 0.0261828 | 0.8949 | EXP 150 of 150 | 13.363766 ± 0.027539 | 0.9801 | EXP 149 of 150 |
| 13D07643 | 9.3 % | 0.0458010 ± 0.0005317 | 0.0414 | EXP 150 of 150 | 1.1813028 ± 0.0293392 | 0.0195 | EXP 150 of 150 | 0.0944353 ± 0.0266929 | 0.0000 | EXP 150 of 150 | 10.2134894 ± 0.0273240 | 0.8376 | EXP 150 of 150 | 13.009582 ± 0.027608 | 0.9797 | EXP 150 of 150 |
| 13D07644 | 9.9 % | 0.0508347 ± 0.0005443 | 0.0989 | EXP 150 of 150 | 1.2669543 ± 0.0315164 | 0.0432 | EXP 150 of 150 | 0.1117260 ± 0.0243286 | 0.0007 | EXP 150 of 150 | 9.4966988 ± 0.0259816 | 0.8371 | EXP 150 of 150 | 14.293792 ± 0.027515 | 0.9776 | EXP 150 of 150 |
| 13D07645 | 10.5 % | 0.0492221 ± 0.0005652 | 0.1426 | EXP 150 of 150 | 0.9985210 ± 0.0293253 | 0.0050 | EXP 150 of 150 | 0.0906096 ± 0.0261717 | 0.0019 | EXP 150 of 150 | 7.0848342 ± 0.0232897 | 0.7583 | EXP 150 of 150 | 13.957901 ± 0.030472 | 0.9726 | EXP 150 of 150 |
| 13D07647 | 11.2 % | 0.0598996 ± 0.0006344 | 0.0115 | EXP 150 of 150 | 1.5068170 ± 0.0316178 | 0.1213 | EXP 150 of 150 | 0.0945397 ± 0.0272964 | 0.0003 | EXP 150 of 150 | 7.0107535 ± 0.0259726 | 0.7235 | EXP 150 of 150 | 15.683938 ± 0.030427 | 0.9679 | EXP 150 of 150 |
| 13D07648 | 11.9 % | 0.0786735 ± 0.0006359 | 0.0029 | EXP 150 of 150 | 2.1403276 ± 0.0318336 | 0.1968 | EXP 150 of 150 | 0.1245048 ± 0.0252001 | 0.0042 | EXP 149 of 150 | 7.1257281 ± 0.0253857 | 0.7402 | EXP 149 of 150 | 19.632336 ± 0.028268 | 0.9624 | EXP 150 of 150 |
| 13D07649 | 12.8 % | 0.0886066 ± 0.0007389 | 0.0485 | EXP 150 of 150 | 2.4405841 ± 0.0341227 | 0.1340 | EXP 149 of 150 | 0.0500742 ± 0.0282793 | 0.0113 | EXP 150 of 150 | 6.7179579 ± 0.0267159 | 0.7204 | EXP 150 of 150 | 21.180800 ± 0.031074 | 0.9471 | EXP 150 of 150 |
| 13D07651 | 13.9 % | 0.1371236 ± 0.0009134 | 0.2767 | EXP 150 of 150 | 4.6272501 ± 0.0301143 | 0.4891 | EXP 150 of 150 | 0.1831095 ± 0.0305387 | 0.0101 | EXP 150 of 150 | 7.9486232 ± 0.0250228 | 0.8221 | EXP 150 of 150 | 29.341415 ± 0.028933 | 0.8765 | EXP 150 of 150 |
| 13D07652 | 15.2 % | 0.1838953 ± 0.0009719 | 0.4354 | EXP 150 of 150 | 6.9806470 ± 0.0327037 | 0.5976 | EXP 150 of 150 | 0.1937006 ± 0.0271233 | 0.0049 | EXP 150 of 150 | 8.2409342 ± 0.0246165 | 0.8118 | EXP 150 of 150 | 36.544336 ± 0.028330 | 0.6155 | EXP 149 of 150 |
| 13D07653 | 16.7 % | 0.2139131 ± 0.0011759 | 0.4477 | EXP 150 of 150 | 8.7157480 ± 0.0299978 | 0.7653 | EXP 149 of 150 | 0.0952396 ± 0.0269811 | 0.0147 | EXP 150 of 150 | 7.0058519 ± 0.0245281 | 0.7419 | EXP 150 of 150 | 40.346211 ± 0.031783 | 0.0985 | EXP 150 of 150 |
| 13D07655 | 18.2 % | 0.2655178 ± 0.0012752 | 0.5762 | EXP 150 of 150 | 11.4146476 ± 0.0320860 | 0.8033 | EXP 150 of 150 | 0.1563873 ± 0.0275276 | 0.0019 | EXP 150 of 150 | 6.5160462 ± 0.0245410 | 0.6942 | EXP 150 of 150 | 47.671879 ± 0.034446 | 0.5961 | EXP 150 of 150 |
| 13D07656 | 19.7 % | 0.1965691 ± 0.0009992 | 0.5702 | EXP 150 of 150 | 7.8286392 ± 0.0301206 | 0.7017 | EXP 150 of 150 | 0.0418946 ± 0.0258426 | 0.0270 | EXP 150 of 150 | 3.7980555 ± 0.0262216 | 0.3905 | EXP 150 of 150 | 36.167721 ± 0.030811 | 0.4850 | EXP 150 of 150 |
| 13D07658 | 21.2 % | 0.1733195 ± 0.0008993 | 0.4682 | EXP 150 of 150 | 6.8990182 ± 0.0342297 | 0.5161 | EXP 150 of 150 | 0.0378069 ± 0.0286020 | 0.0044 | EXP 150 of 150 | 2.5614313 ± 0.0255924 | 0.2174 | EXP 150 of 150 | 32.247402 ± 0.029480 | 0.7411 | EXP 149 of 150 |

| Project Info | | Analyst | Irradiation | X-pos | Y-pos | Z/H-pos | Project | Experiment | Nmb |
|---|---|---|---|---|---|---|---|---|---|
| 13D07613 | 1.8 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07615 | 2.0 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07616 | 2.2 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07617 | 2.4 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07619 | 2.7 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07620 | 3.0 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07621 | 3.3 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07623 | 3.6 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07624 | 3.9 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07625 | 4.2 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07627 | 4.5 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07628 | 4.8 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07629 | 5.1 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07631 | 5.4 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07632 | 5.7 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07633 | 6.1 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07635 | 6.5 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07636 | 6.9 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07637 | 7.3 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07639 | 7.8 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07640 | 8.3 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07641 | 8.8 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07643 | 9.3 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07644 | 9.9 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07645 | 10.5 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07647 | 11.2 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07648 | 11.9 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07649 | 12.8 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07651 | 13.9 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07652 | 15.2 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07653 | 16.7 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07655 | 18.2 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07656 | 19.7 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 01 |
| 13D07658 | 21.2 % | Anthony Koppers | 13-OSU-05 | 0.00 | 0.00 | 43.95 | Galapagos\Balbas (13-19) | 13D07612 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13D07613 | 1.8 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 23 | DEC | 2013 | 20 | 8 | 1 |
| 13D07615 | 2.0 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 23 | DEC | 2013 | 20 | 33 | 1 |
| 13D07616 | 2.2 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 23 | DEC | 2013 | 20 | 45 | 1 |
| 13D07617 | 2.4 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 23 | DEC | 2013 | 20 | 58 | 1 |
| 13D07619 | 2.7 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 23 | DEC | 2013 | 21 | 23 | 1 |
| 13D07620 | 3.0 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 23 | DEC | 2013 | 21 | 35 | 1 |
| 13D07621 | 3.3 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 23 | DEC | 2013 | 21 | 47 | 1 |
| 13D07623 | 3.6 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 23 | DEC | 2013 | 22 | 12 | 1 |
| 13D07624 | 3.9 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 23 | DEC | 2013 | 22 | 25 | 1 |
| 13D07625 | 4.2 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 23 | DEC | 2013 | 22 | 37 | 1 |
| 13D07627 | 4.5 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 23 | DEC | 2013 | 23 | 2 | 1 |
| 13D07628 | 4.8 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 23 | DEC | 2013 | 23 | 14 | 1 |
| 13D07629 | 5.1 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 23 | DEC | 2013 | 23 | 27 | 1 |
| 13D07631 | 5.4 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 23 | DEC | 2013 | 23 | 52 | 1 |
| 13D07632 | 5.7 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 24 | DEC | 2013 | 0 | 4 | 1 |
| 13D07633 | 6.1 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 24 | DEC | 2013 | 0 | 17 | 1 |
| 13D07635 | 6.5 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 24 | DEC | 2013 | 0 | 41 | 1 |
| 13D07636 | 6.9 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 24 | DEC | 2013 | 0 | 54 | 1 |
| 13D07637 | 7.3 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 24 | DEC | 2013 | 1 | 6 | 1 |
| 13D07639 | 7.8 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 24 | DEC | 2013 | 1 | 31 | 1 |
| 13D07640 | 8.3 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 24 | DEC | 2013 | 1 | 43 | 1 |
| 13D07641 | 8.8 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 24 | DEC | 2013 | 1 | 56 | 1 |
| 13D07643 | 9.3 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 24 | DEC | 2013 | 2 | 21 | 1 |
| 13D07644 | 9.9 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 24 | DEC | 2013 | 2 | 33 | 1 |
| 13D07645 | 10.5 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 24 | DEC | 2013 | 2 | 46 | 1 |
| 13D07647 | 11.2 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 24 | DEC | 2013 | 3 | 10 | 1 |
| 13D07648 | 11.9 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 24 | DEC | 2013 | 3 | 23 | 1 |
| 13D07649 | 12.8 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 24 | DEC | 2013 | 3 | 35 | 1 |
| 13D07651 | 13.9 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 24 | DEC | 2013 | 4 | 0 | 1 |
| 13D07652 | 15.2 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 24 | DEC | 2013 | 4 | 13 | 1 |
| 13D07653 | 16.7 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 24 | DEC | 2013 | 4 | 25 | 1 |
| 13D07655 | 18.2 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 24 | DEC | 2013 | 4 | 50 | 1 |
| 13D07656 | 19.7 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 24 | DEC | 2013 | 5 | 2 | 1 |
| 13D07658 | 21.2 % | 44B-Argon-5 | Groundmass | Floreana Island | FCT-3 | 28.201 | 0.082 | Kuiper (2008) | 9.52012 | 0.171 | 0.00165097 | 0.171 | 302.762 | 0.096 | 0.99399579 | 0.063 | 1 | 4.8E-14 | 24 | DEC | 2013 | 5 | 27 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13D07613 | 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 |
| 13D07615 | 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 |
| 13D07616 | 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 |
| 13D07617 | 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 |
| 13D07619 | 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 |
| 13D07620 | 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 |
| 13D07621 | 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 |
| 13D07623 | 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 |
| 13D07624 | 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 |
| 13D07625 | 4.2 % | 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 |
| 13D07627 | 4.5 % | 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 |
| 13D07628 | 4.8 % | 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 |
| 13D07629 | 5.1 % | 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 |
| 13D07631 | 5.4 % | 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 |
| 13D07632 | 5.7 % | 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 |
| 13D07633 | 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 |
| 13D07635 | 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 |
| 13D07636 | 6.9 % | 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 |
| 13D07637 | 7.3 % | 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 |
| 13D07639 | 7.8 % | 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 |
| 13D07640 | 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 |
| 13D07641 | 8.8 % | 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 |
| 13D07643 | 9.3 % | 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 |
| 13D07644 | 9.9 % | 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 |
| 13D07645 | 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 |
| 13D07647 | 11.2 % | 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 |
| 13D07648 | 11.9 % | 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 |
| 13D07649 | 12.8 % | 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 |
| 13D07651 | 13.9 % | 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 |
| 13D07652 | 15.2 % | 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 |
| 13D07653 | 16.7 % | 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 |
| 13D07655 | 18.2 % | 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 |
| 13D07656 | 19.7 % | 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 |
| 13D07658 | 21.2 % | 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 |

# 13D07612.AGE >>> 44B-ARGON-5 >>> GALAPAGOS | BALBAS (13-19) PROJECT




## Ar-Ages in ka

**WEIGHTED PLATEAU**
**937.1 ± 13.1**
**TOTAL FUSION**
**1309.1 ± 39.3**
**NORMAL ISOCHRON**
**933.1 ± 27.3**
**INVERSE ISOCHRON**
**937.2 ± 26.6**

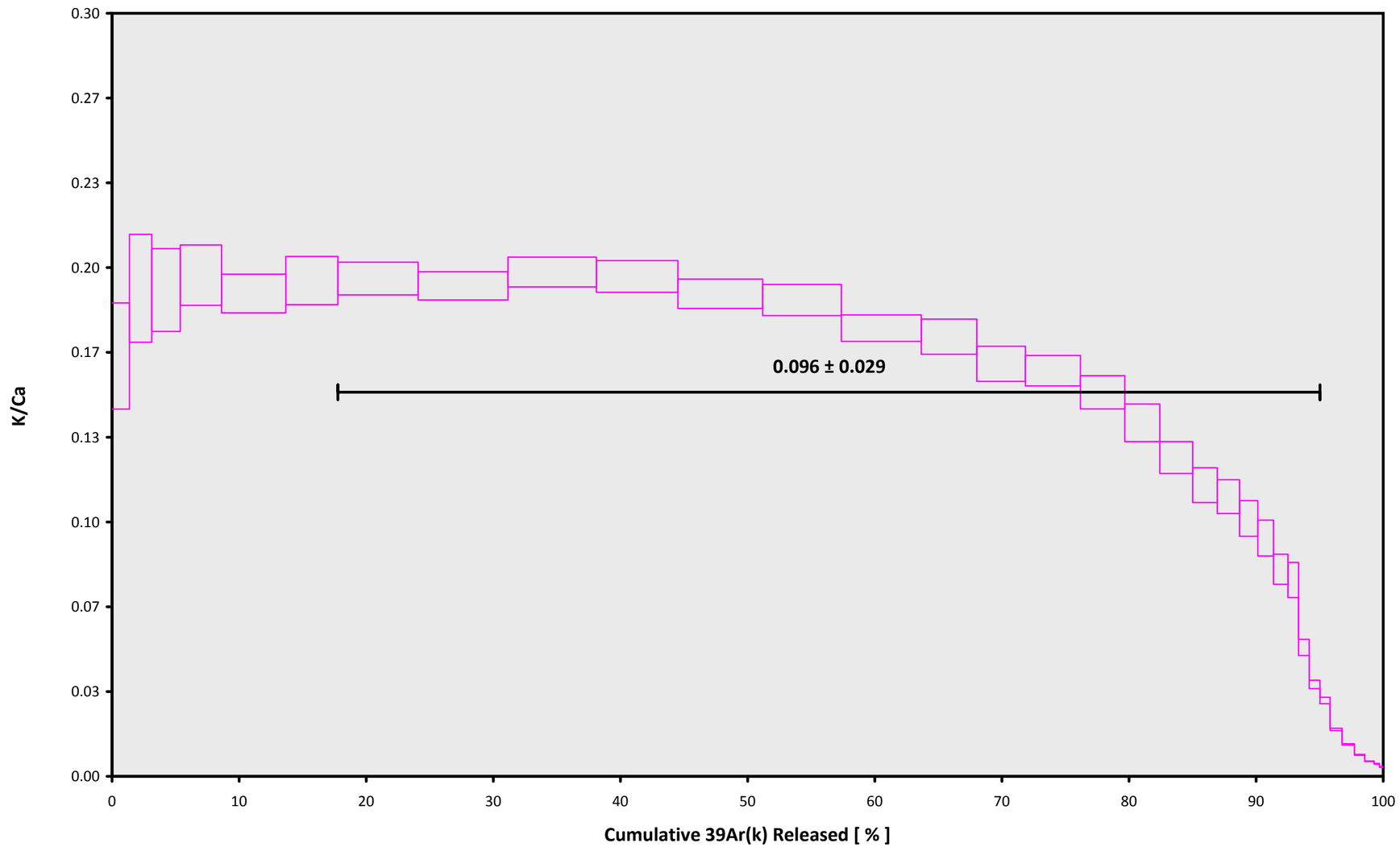
**MSWD (PROBABILITY)**
**0.60 (92%)**

## Sample Info

**Groundmass**
**Floreana Island**
**Anthony Koppers**

**IRR = 13-OSU-05**
**J = 0.00165097 ± 0.00000282**

# 13D07612.AGE >>> 44B-ARGON-5 >>> GALAPAGOS | BALBAS (13-19) PROJECT




## Ar-Ages in ka

**WEIGHTED PLATEAU**
**937.1 ± 13.1**
**TOTAL FUSION**
**1309.1 ± 39.3**
**NORMAL ISOCHRON**
**933.1 ± 27.3**
**INVERSE ISOCHRON**
**937.2 ± 26.6**

## Sample Info

**Groundmass**
**Floreana Island**
**Anthony Koppers**

**IRR = 13-OSU-05**
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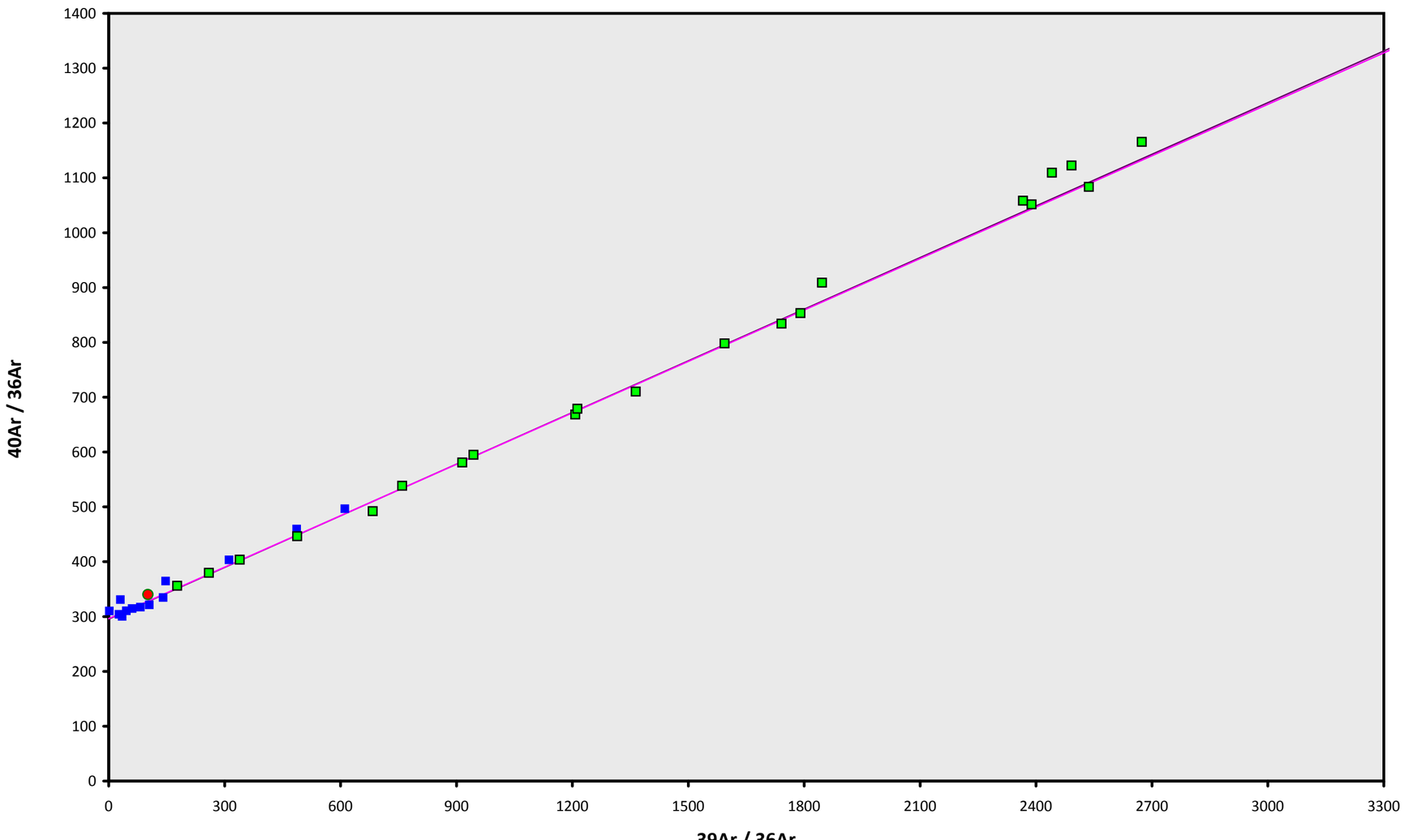
OSU Argon Geochronology Lab
CEOAS Oregon State University, Corvallis, USA

# 13D07612.AGE >>> 44B-ARGON-5 >>> GALAPAGOS | BALBAS (13-19) PROJECT




## Ar-Ages in ka

**WEIGHTED PLATEAU**
**937.1 ± 13.1**
**TOTAL FUSION**
**1309.1 ± 39.3**
**NORMAL ISOCHRON**
**933.1 ± 27.3**
**INVERSE ISOCHRON**
**937.2 ± 26.6**

**MSWD (PROBABILITY)**
**0.58 (92%)**

**40AR/36AR INTERCEPT**
**296.3 ± 10.7**

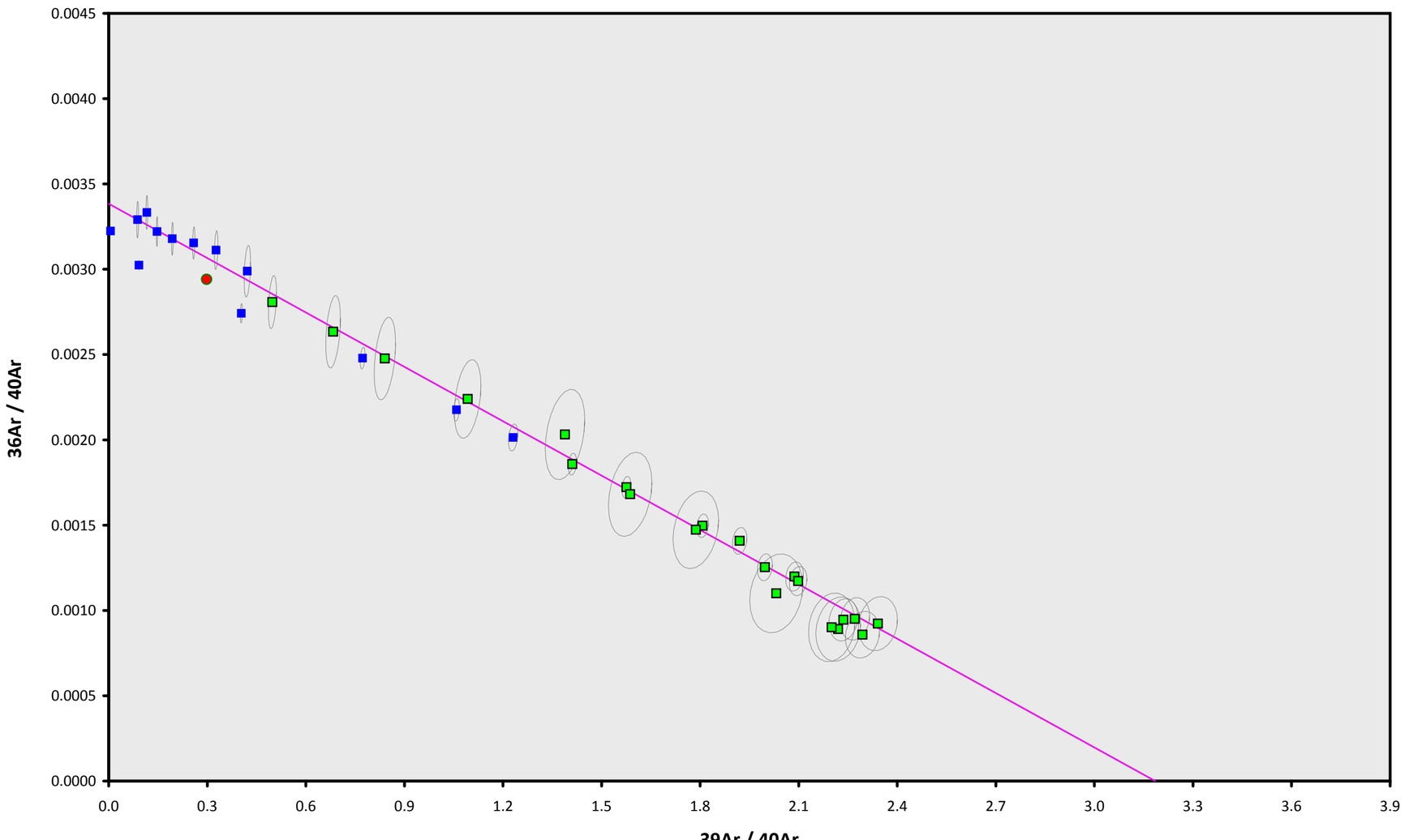
## Sample Info

**Groundmass**
**Floreana Island**
**Anthony Koppers**

**IRR = 13-OSU-05**
**J = 0.00165097 ± 0.00000282**

OSU Argon Geochronology Lab
CEOAS Oregon State University, Corvallis, USA

# 13D07612.AGE >>> 44B-ARGON-5 >>> GALAPAGOS | BALBAS (13-19) PROJECT




## Ar-Ages in ka

**WEIGHTED PLATEAU**
**937.1 ± 13.1**
**TOTAL FUSION**
**1309.1 ± 39.3**
**NORMAL ISOCHRON**
**933.1 ± 27.3**
**INVERSE ISOCHRON**
**937.2 ± 26.6**

**MSWD (PROBABILITY)**
**0.63 (89%)**

**SPREADING FACTOR**
**57.9%**

**40AR/36AR INTERCEPT**
**295.5 ± 10.5**

## Sample Info

**Groundmass**
**Floreana Island**
**Anthony Koppers**

**IRR = 13-OSU-05**
**J = 0.00165097 ± 0.00000282**