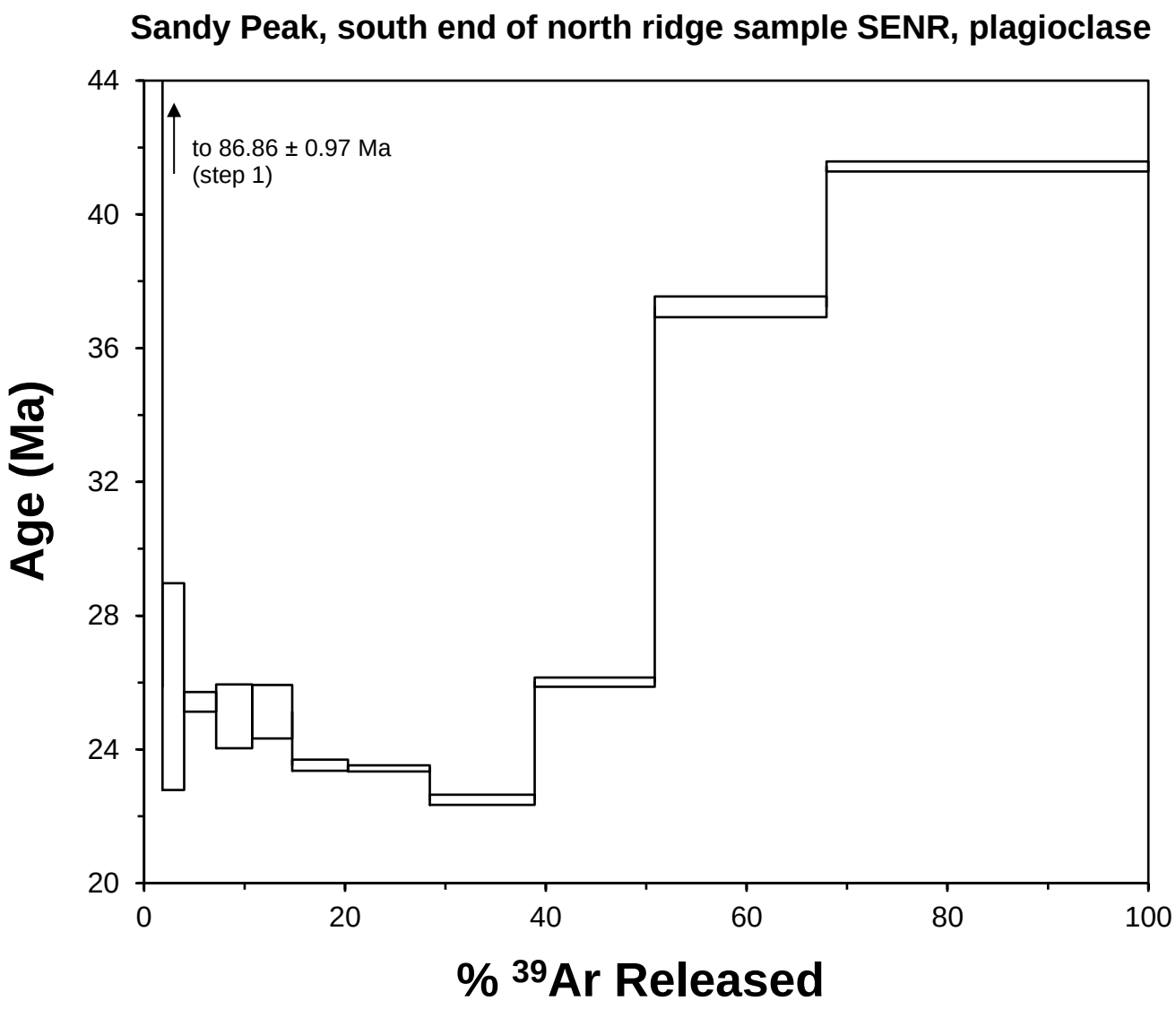
**Filkorn-Pierce College, Sandy Peak, south end of north ridge sample SENR, plagioclase, 12.55 mg, J = 0.00171 ± 0.001%**
4 amu discrimination = 0.8977 ± 0.02%, 40/39K = 0.0155 ± 22.60%, 36/37Ca = 0.000231 ± 0.77%, 39/37Ca = 0.000637 ± 0.33%

| step | T (C) | t (min.) | 36Ar | 37Ar | 38Ar | 39Ar | 40Ar | %40Ar* | % 39Ar rlsd | Ca/K | 40Ar*/39ArK | Age (Ma) | 1s.d. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 600 | 12 | 3.150 | 0.672 | 0.755 | 2.391 | 1107.35 | 6.4 | 1.8 | 4.16510255 | 28.842959 | 86.86 | 0.97 |
| 2 | 660 | 12 | 0.339 | 1.390 | 0.113 | 2.813 | 135.489 | 19.5 | 2.2 | 7.32927563 | 8.448858 | 25.88 | 1.55 |
| 3 | 720 | 12 | 0.205 | 3.158 | 0.095 | 4.158 | 99.833 | 39.8 | 3.2 | 11.2776163 | 8.298928 | 25.42 | 0.15 |
| 4 | 780 | 12 | 0.159 | 5.125 | 0.095 | 4.676 | 87.486 | 51.1 | 3.6 | 16.2971061 | 8.156595 | 24.99 | 0.48 |
| 5 | 840 | 12 | 0.178 | 7.280 | 0.101 | 5.202 | 97.357 | 50.6 | 4.0 | 20.8350811 | 8.201954 | 25.13 | 0.40 |
| 6 | 910 | 12 | 0.159 | 10.452 | 0.122 | 7.242 | 102.927 | 61.9 | 5.6 | 21.4908435 | 7.676598 | 23.53 | 0.08 |
| 7 | 990 | 12 | 0.121 | 13.729 | 0.157 | 10.632 | 117.524 | 80.4 | 8.2 | 19.2160641 | 7.645072 | 23.43 | 0.05 |
| 8 | 1070 | 12 | 0.112 | 13.547 | 0.197 | 13.625 | 133.948 | 85.4 | 10.4 | 14.778005 | 7.337122 | 22.49 | 0.08 |
| 9 | 1140 | 12 | 0.114 | 10.521 | 0.236 | 15.594 | 167.610 | 90.9 | 12.0 | 10.0146945 | 8.492594 | 26.01 | 0.07 |
| 10 | 1220 | 12 | 0.123 | 8.968 | 0.315 | 22.312 | 314.996 | 94.1 | 17.1 | 5.95948358 | 12.195219 | 37.24 | 0.16 |
| 11 | 1400 | 12 | 0.219 | 10.076 | 0.586 | 41.808 | 651.857 | 93.6 | 32.0 | 3.5710291 | 13.585673 | 41.43 | 0.08 |
| | | | | | | | | Cumulative %39Ar rlsd = | 100.0 | | Total gas age = | 33.18 | 0.06 |

note: isotope beams in mV, rlsd = released, error in age includes J error, all errors 1 sigma
(36Ar through 40Ar are measured beam intensities, corrected for decay for the age calculations)

No plateau
No isochron


Sandy Peak, south end of north ridge sample SENR, plagioclase
to 86.86 ± 0.97 Ma
(step 1)
Age (Ma)
44
40
36
32
28
24
20
0
20
40
60
80
100
% 39Ar Released