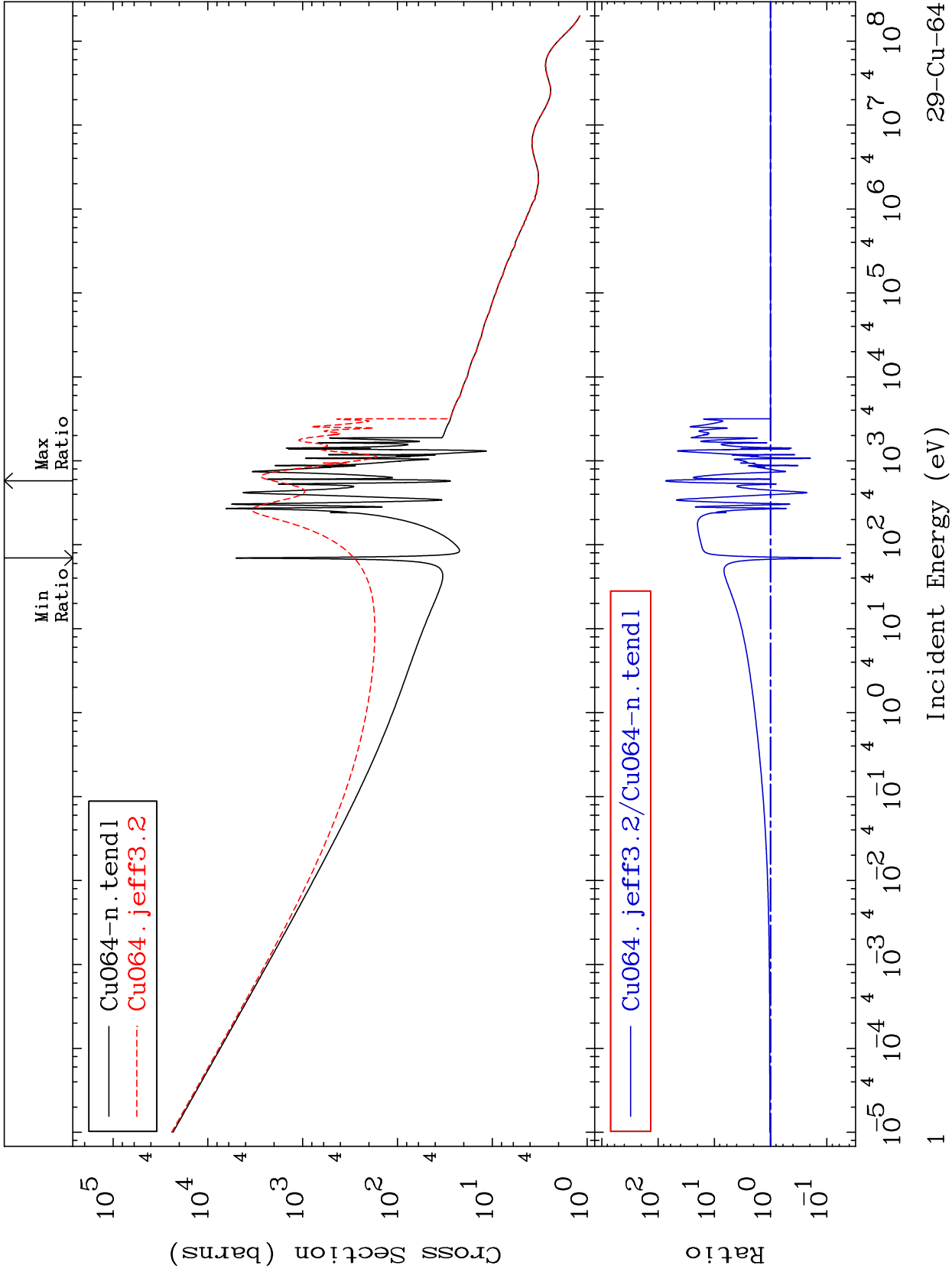


MAT 2928

Total
Cross Section

29-Cu-64
-94.34 To 7290. %



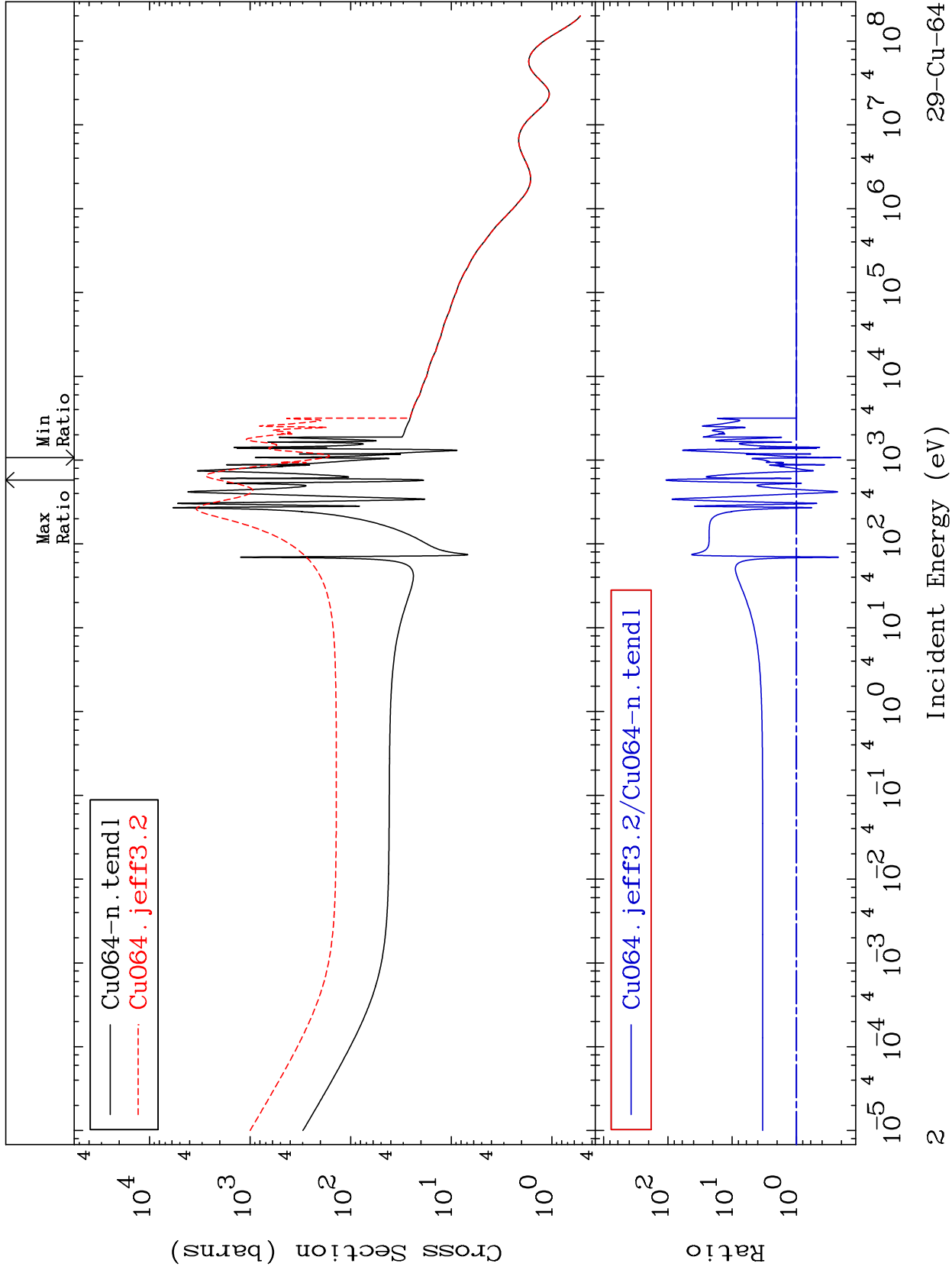
MAT 2928

Elastic

29-Cu-64

Cross Section

-79.63 To 9999. %

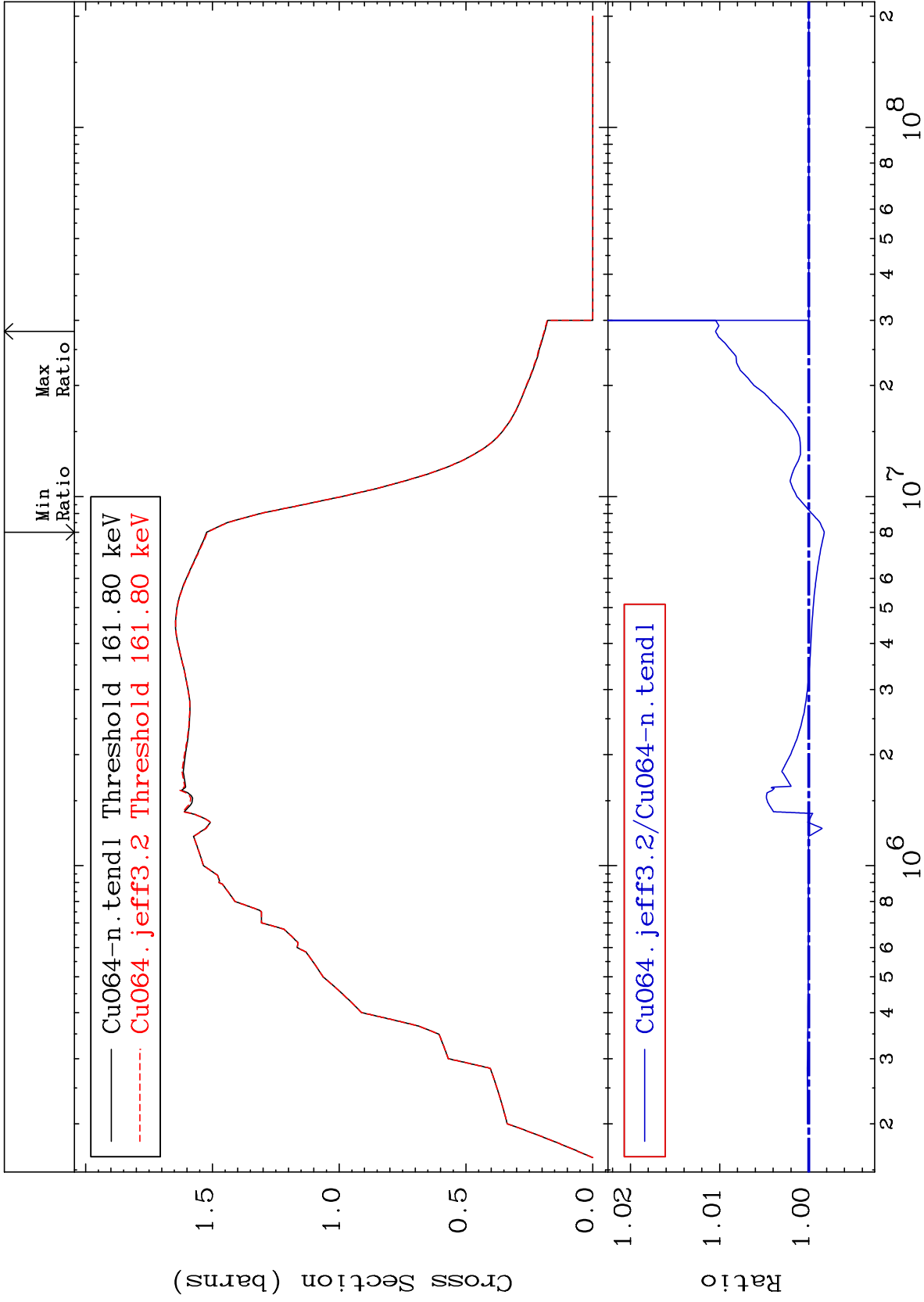


MAT 2928

29-Cu-64

Inelastic
Cross Section

-0.174 To 1.046 %



3

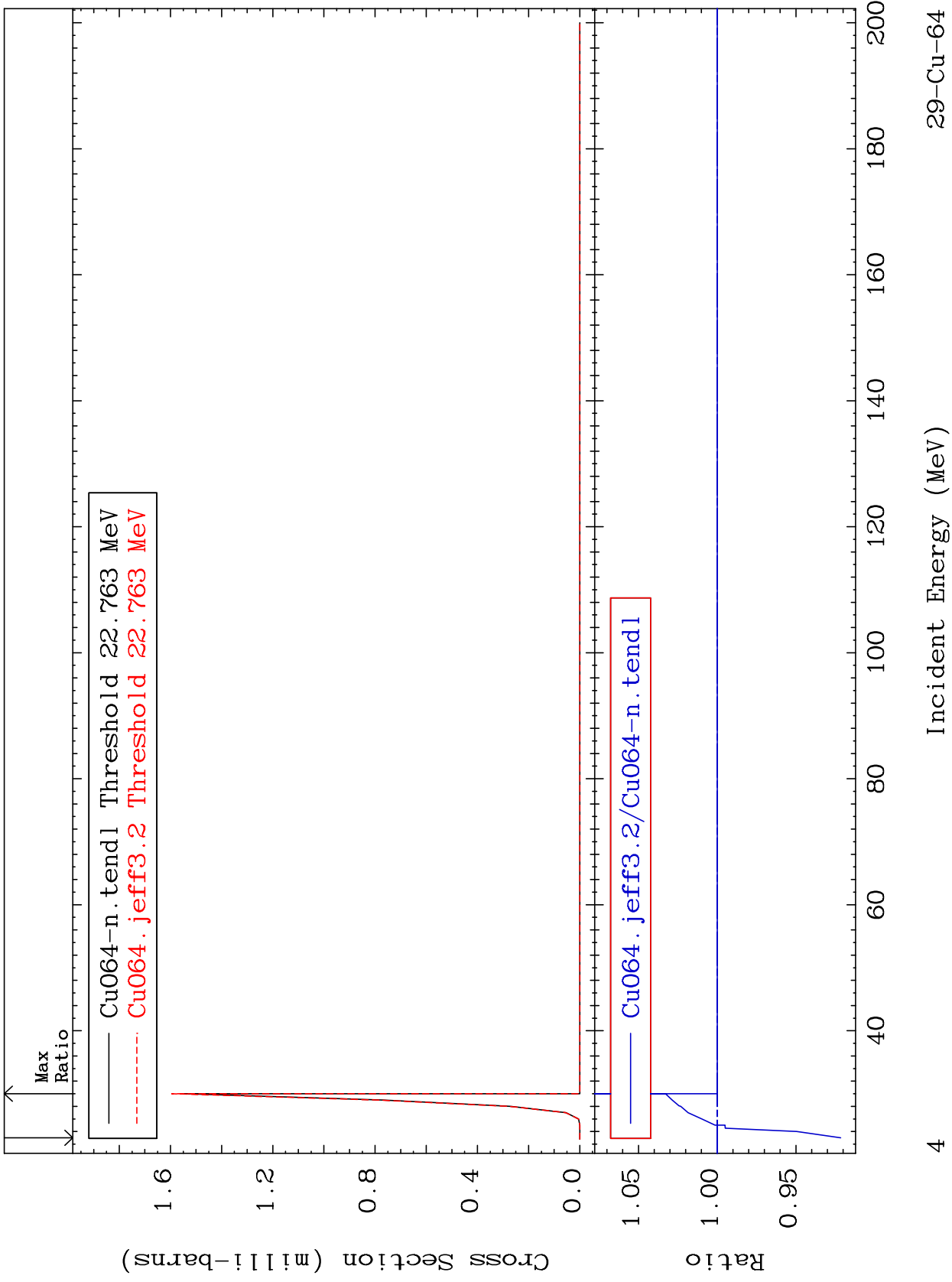
Incident Energy (eV)

29-Cu-64

MAT 2928

(n,2n) d
Cross Section

²⁹-Cu-64
-7.843 To 3.282 %



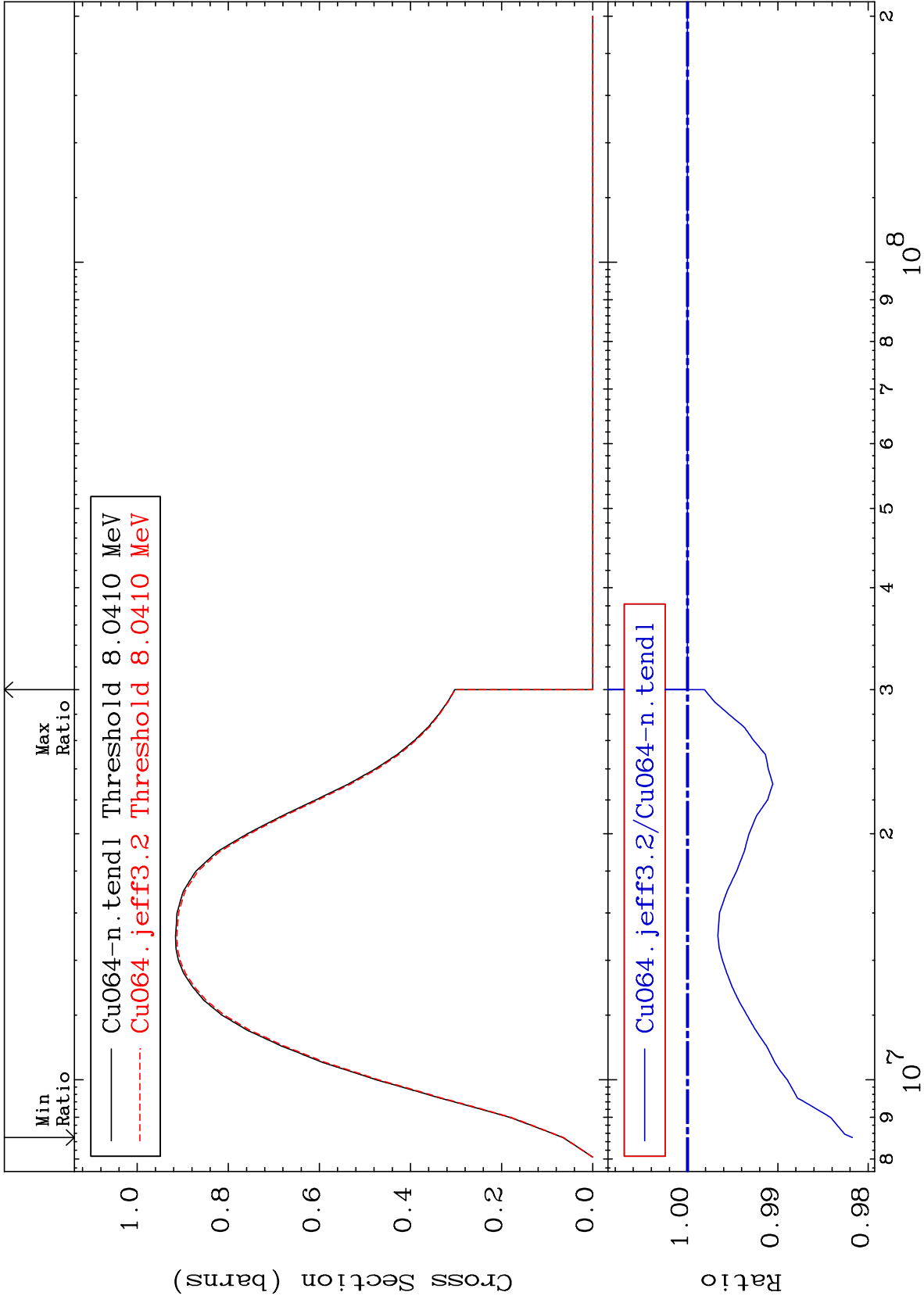
MAT 2928

(n,2n)

29-Cu-64

-1.824 To 0.000 %

Cross Section



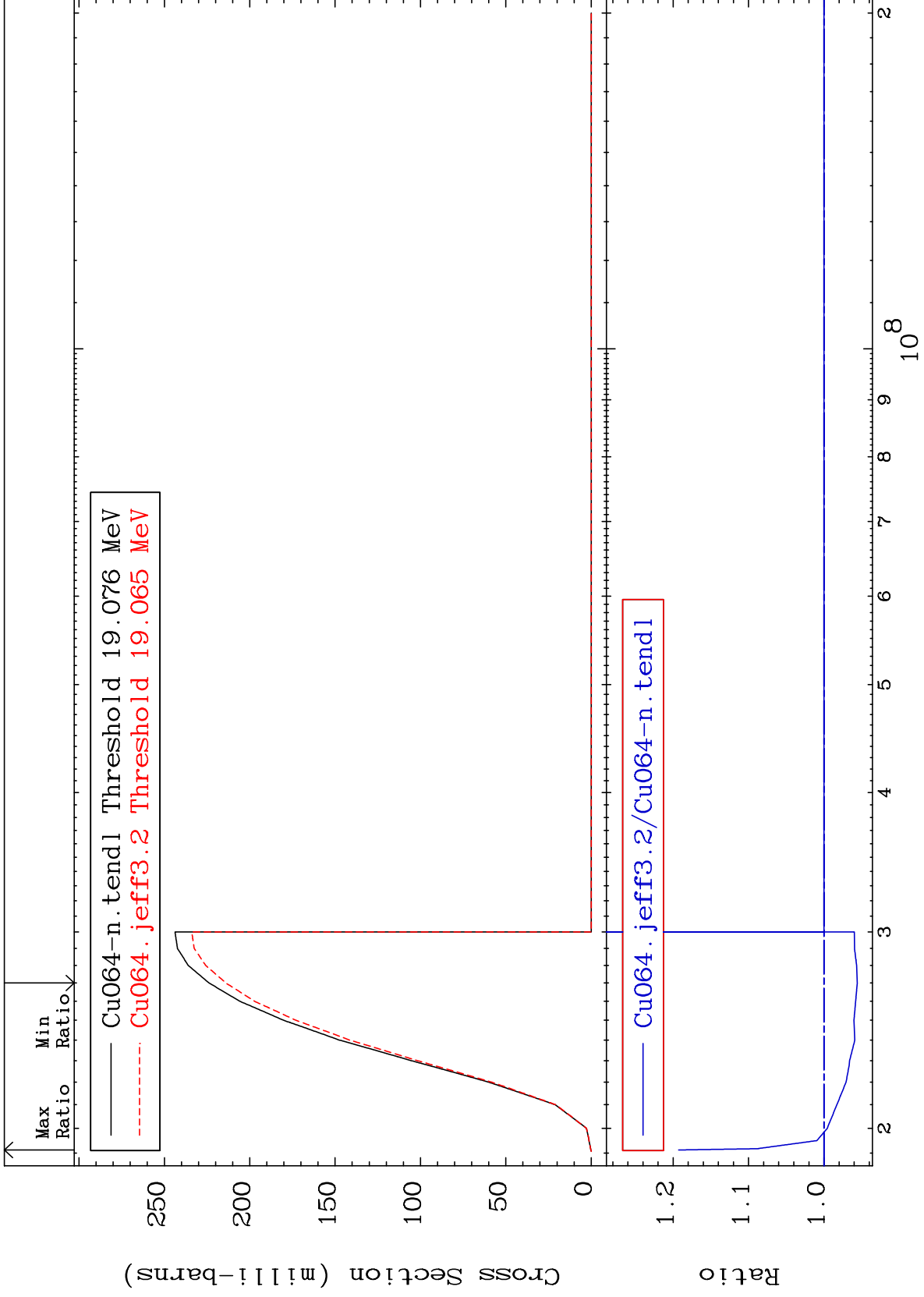
Incident Energy (eV)

29-Cu-64

MAT 2928

(n,3n)
Cross Section

29-Cu-64
-4.411 To 19.27 %



6

Incident Energy (eV)

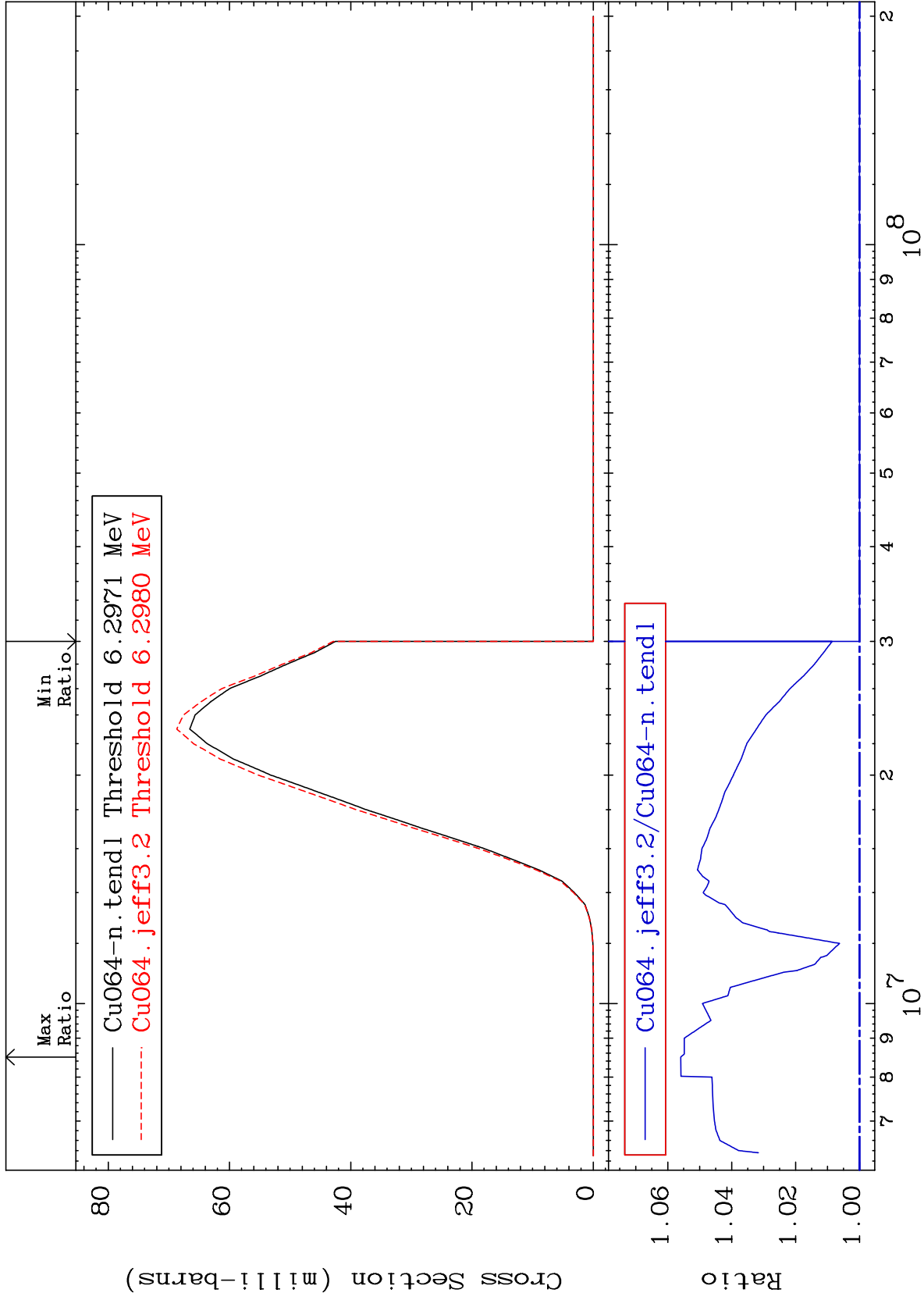
29-Cu-64

MAT 2928

29-Cu-64

(n, n') α
Cross Section

0.000 To 5.592 %



7

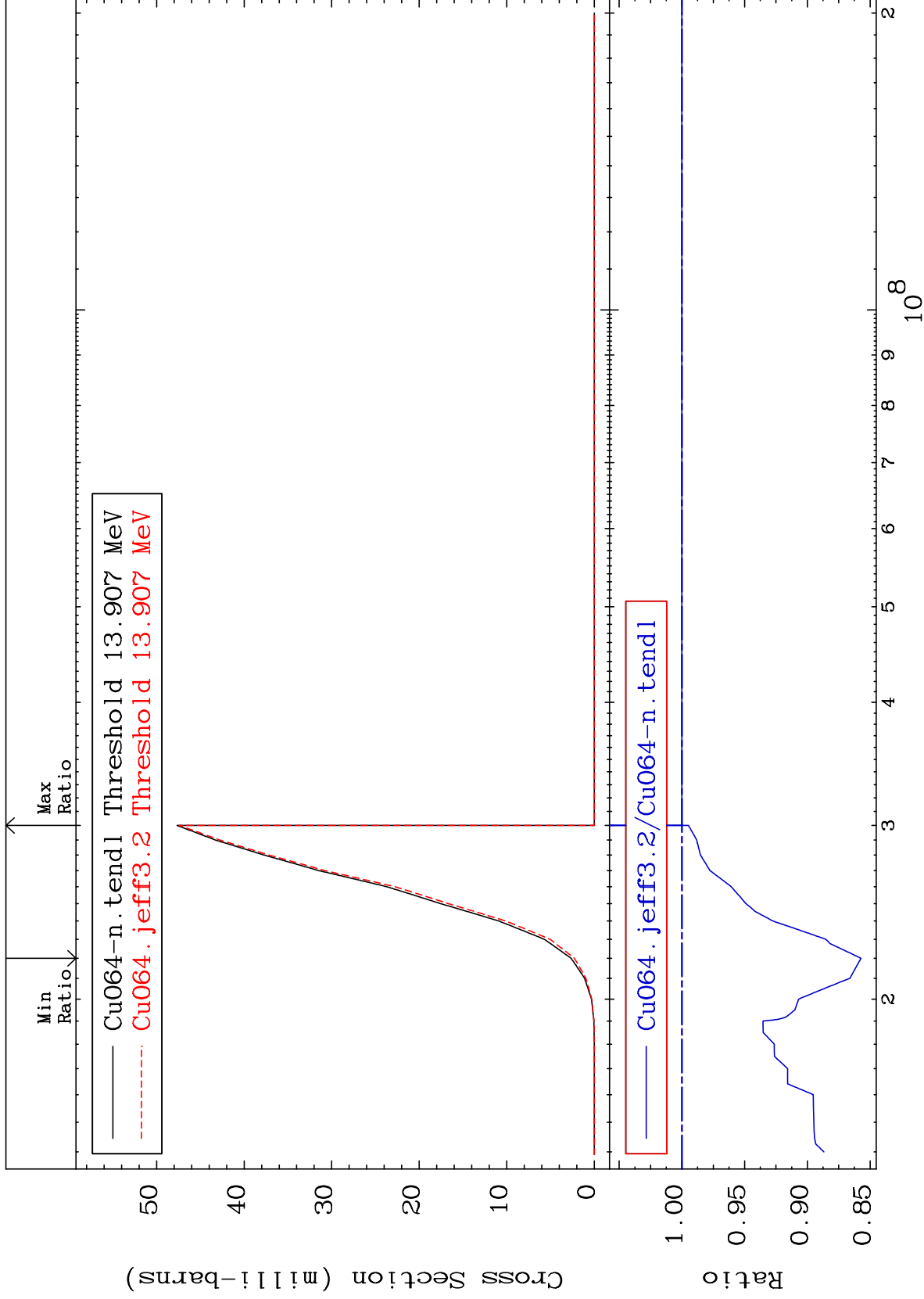
Incident Energy (eV)

29-Cu-64

MAT 2928

(n,2n) α
Cross Section

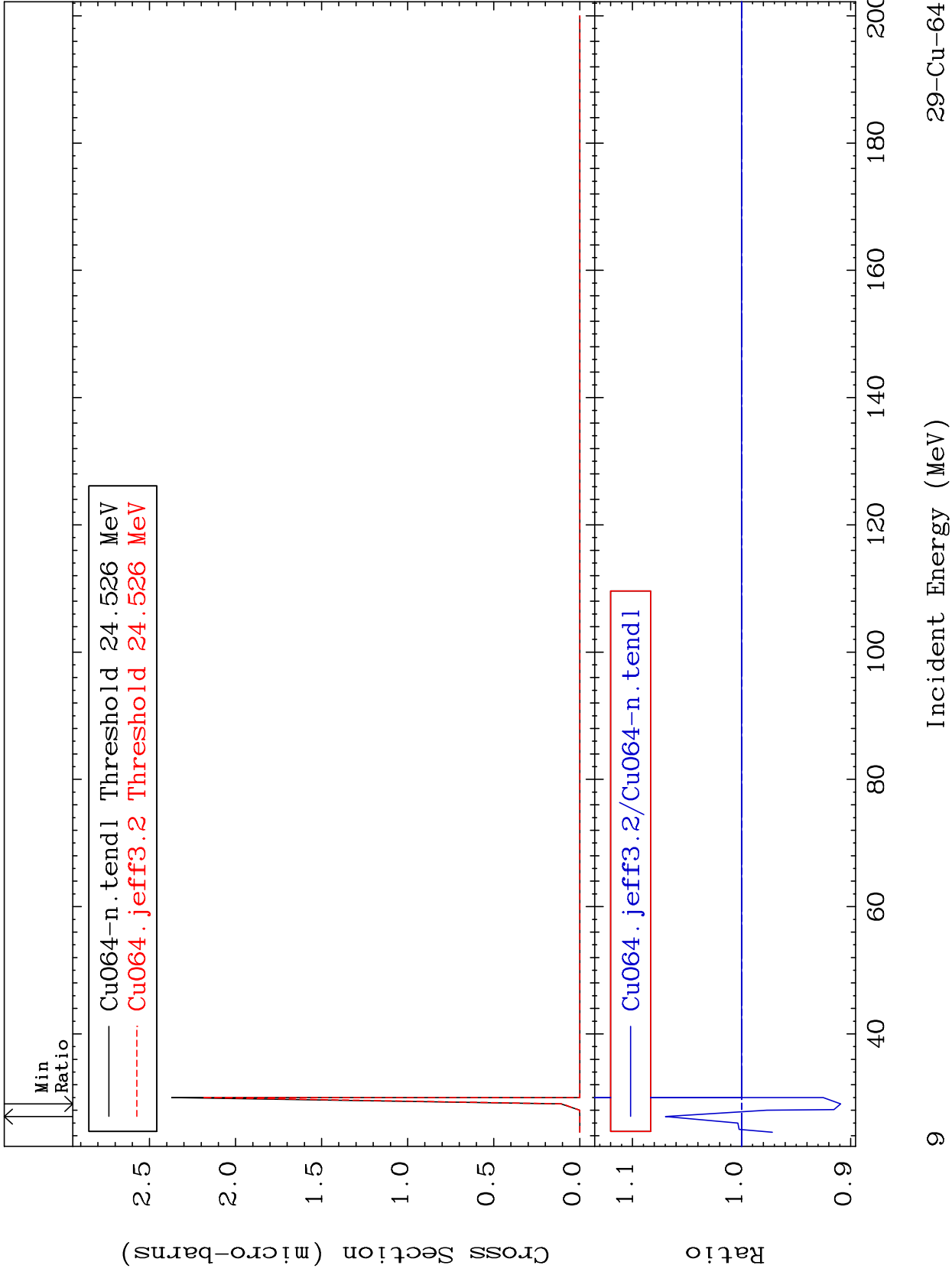
²⁹Cu-64
-14.28 To 0.000 %



MAT 2928

(n,3n) α
Cross Section

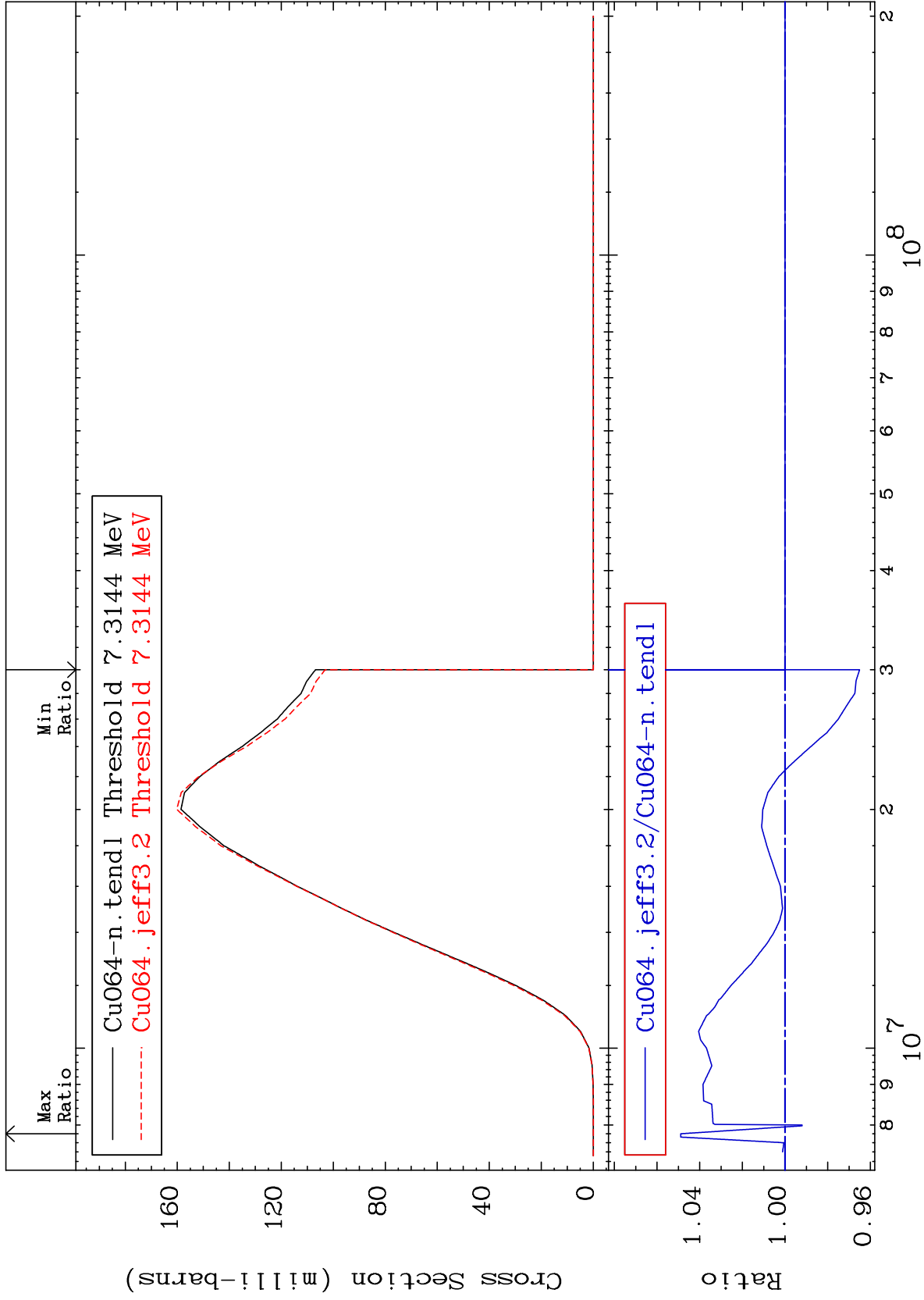
²⁹Cu-64
-9.081 To 6.969 %



MAT 2928

(n,n') p
Cross Section

²⁹-Cu-64
-3.489 To 4.887 %



10

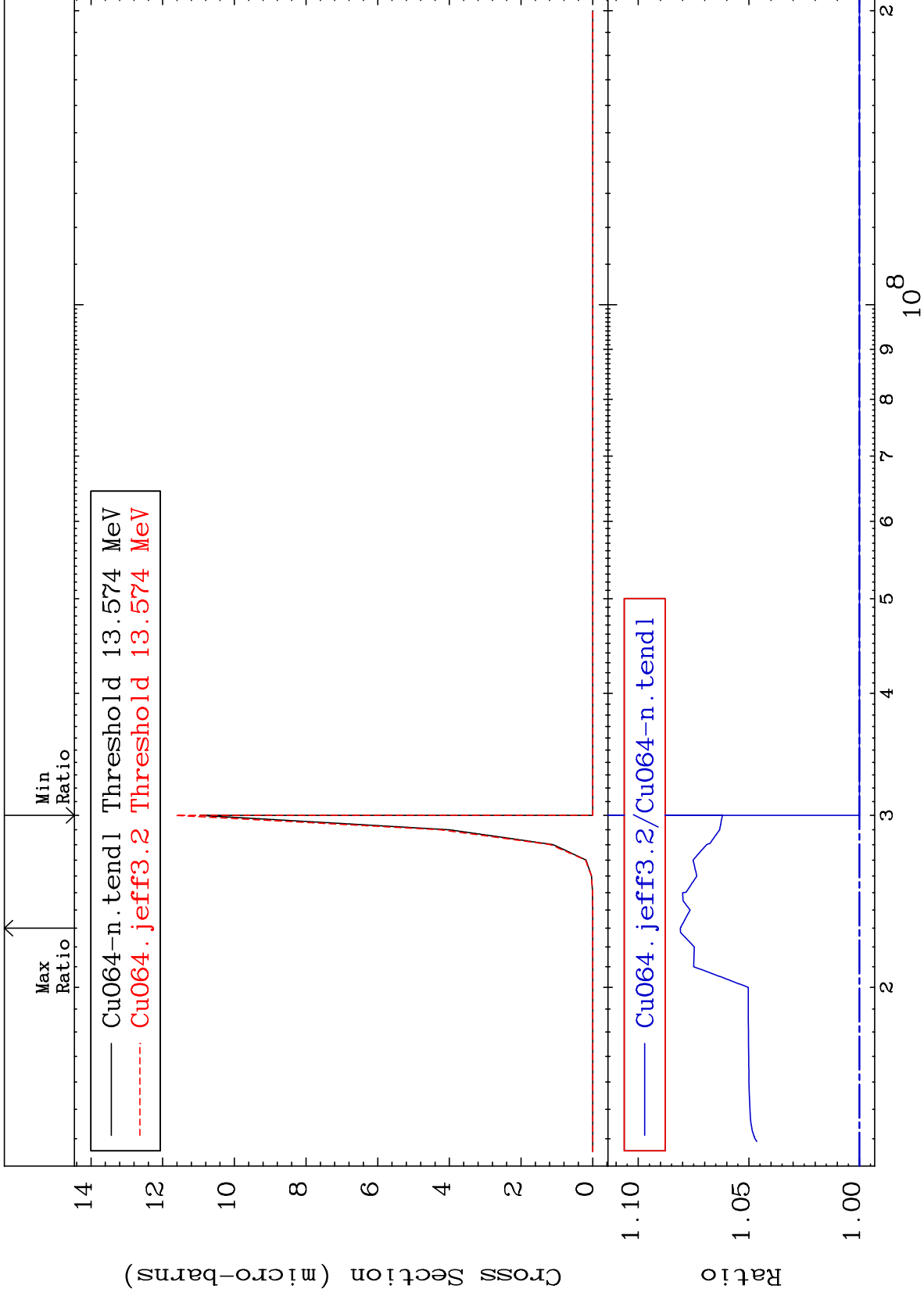
Incident Energy (eV)

²⁹-Cu-64

MAT 2928

(n, n') 2α
Cross Section

29-Cu-64
0.000 To 8.098 %



MAT 2928

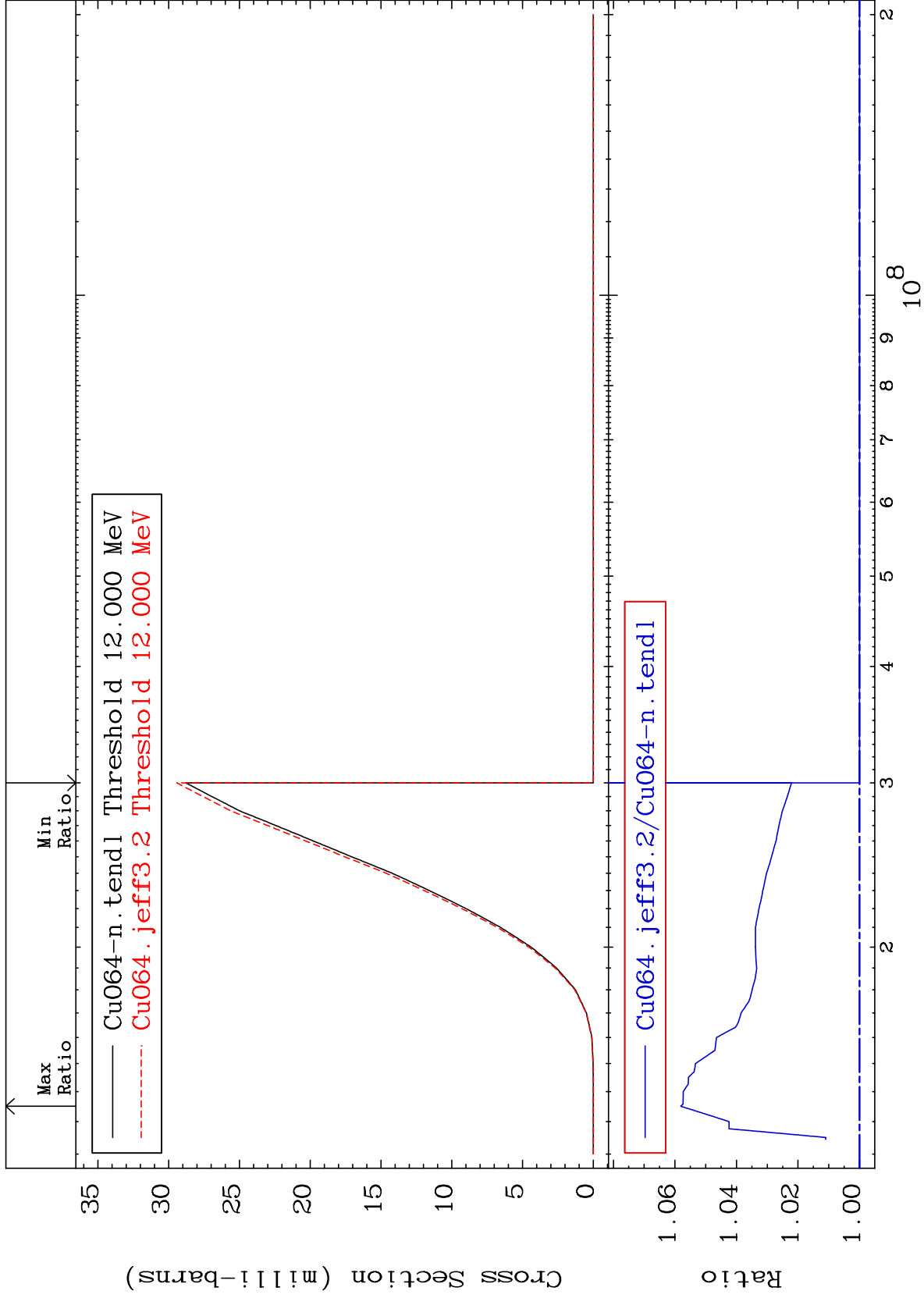
(n,n') d

29-Cu-64

Cross Section

0.000

To 5.810 %



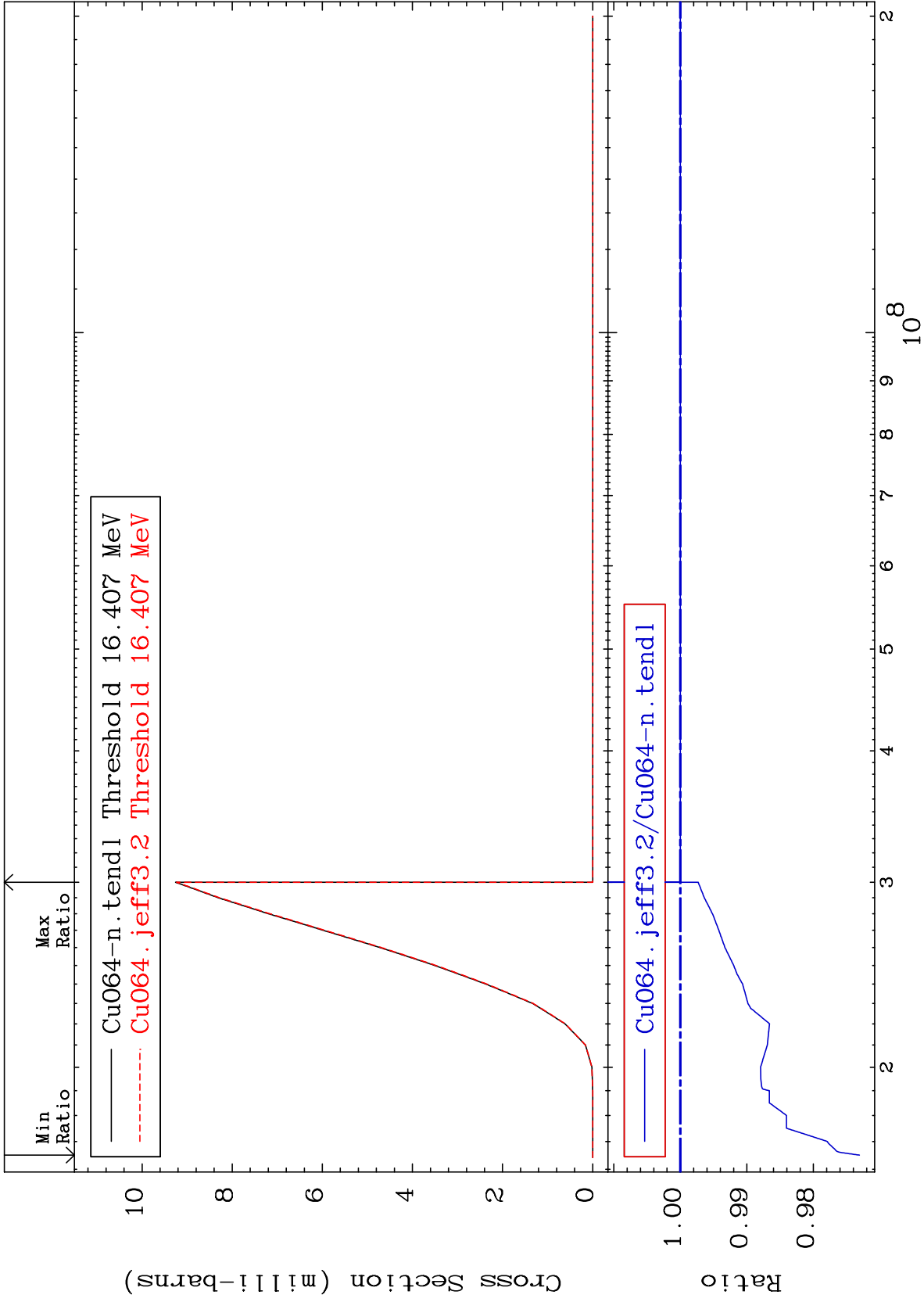
MAT 2928

(n,n') t

29-Cu-64

Cross Section

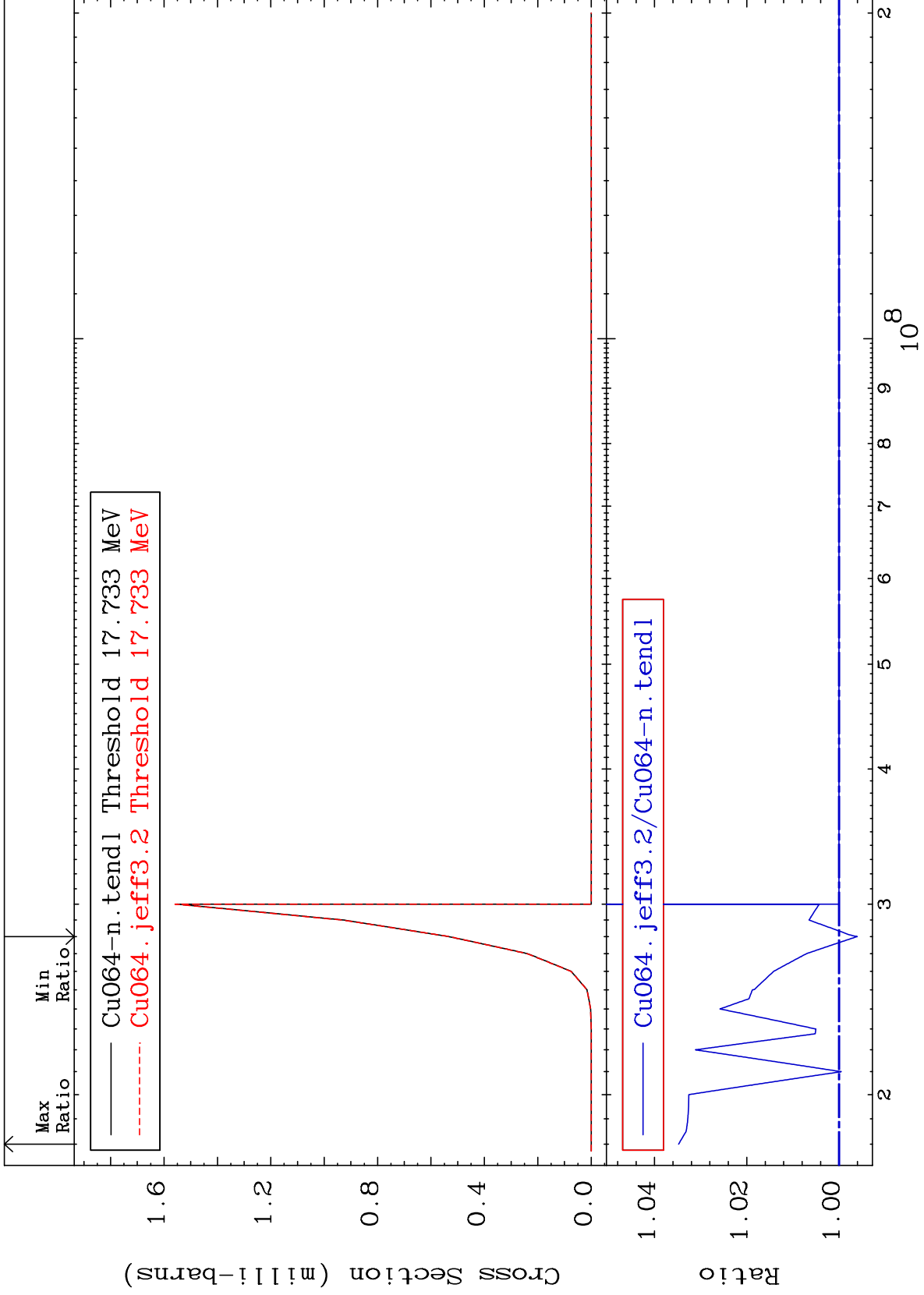
-2.691 To 0.000 %



MAT 2928

(n, n') He-3
Cross Section

29-Cu-64
-0.395 To 3.477 %



14

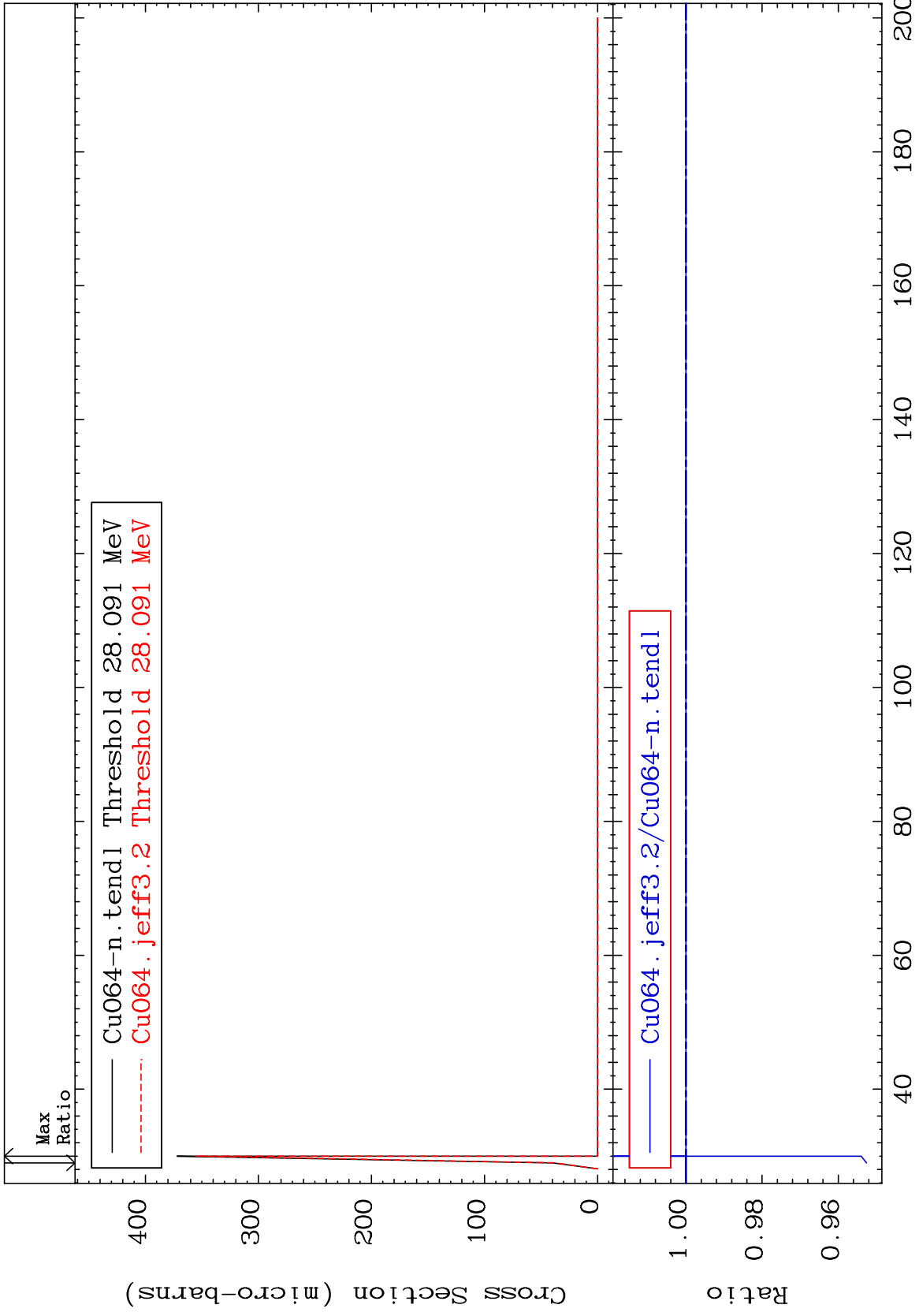
Incident Energy (eV)

29-Cu-64

MAT 2928

(n,4n)
Cross Section

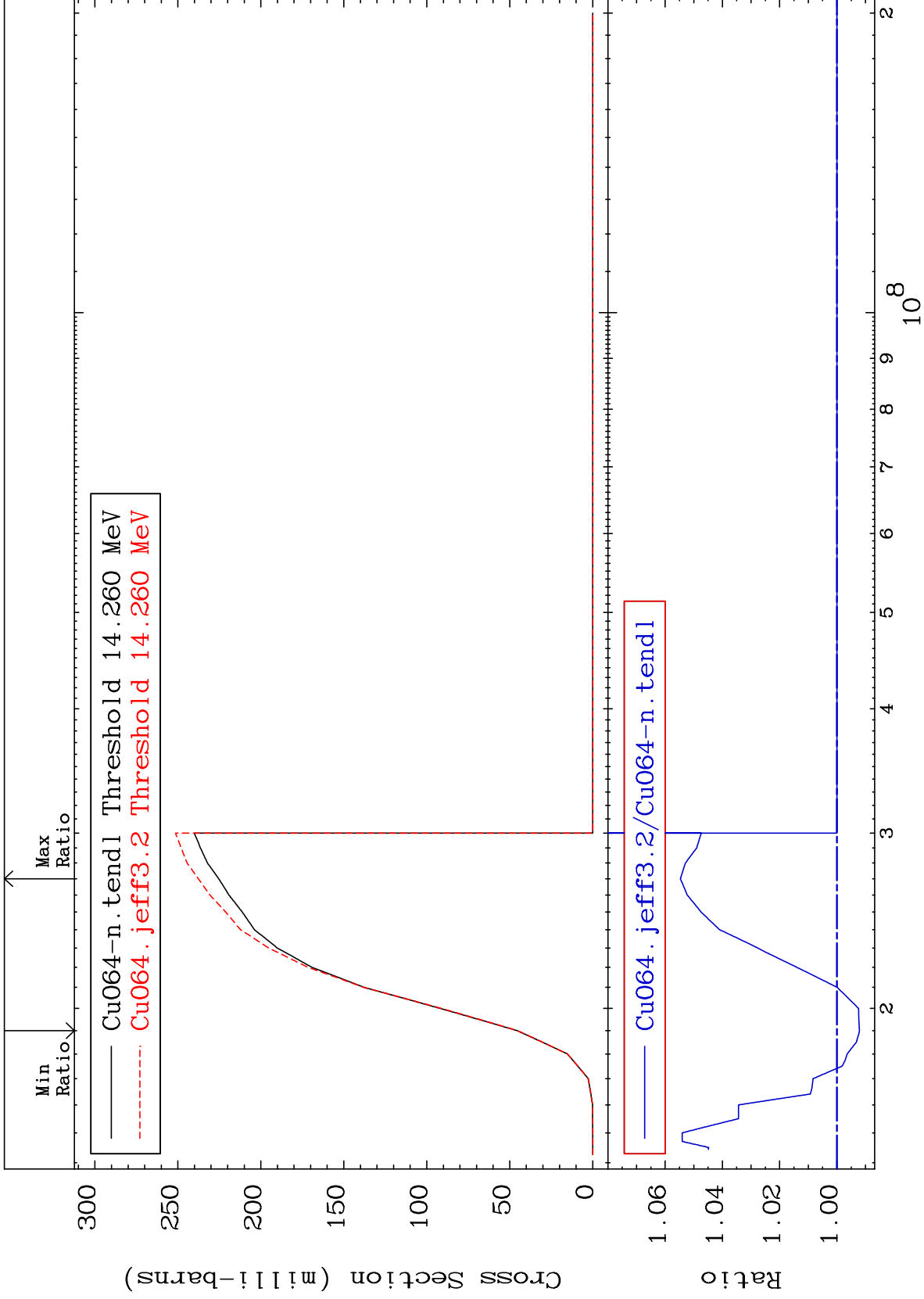
29-Cu-64
-4.741 To 0.000 %



MAT 2928

(n,2n) p
Cross Section

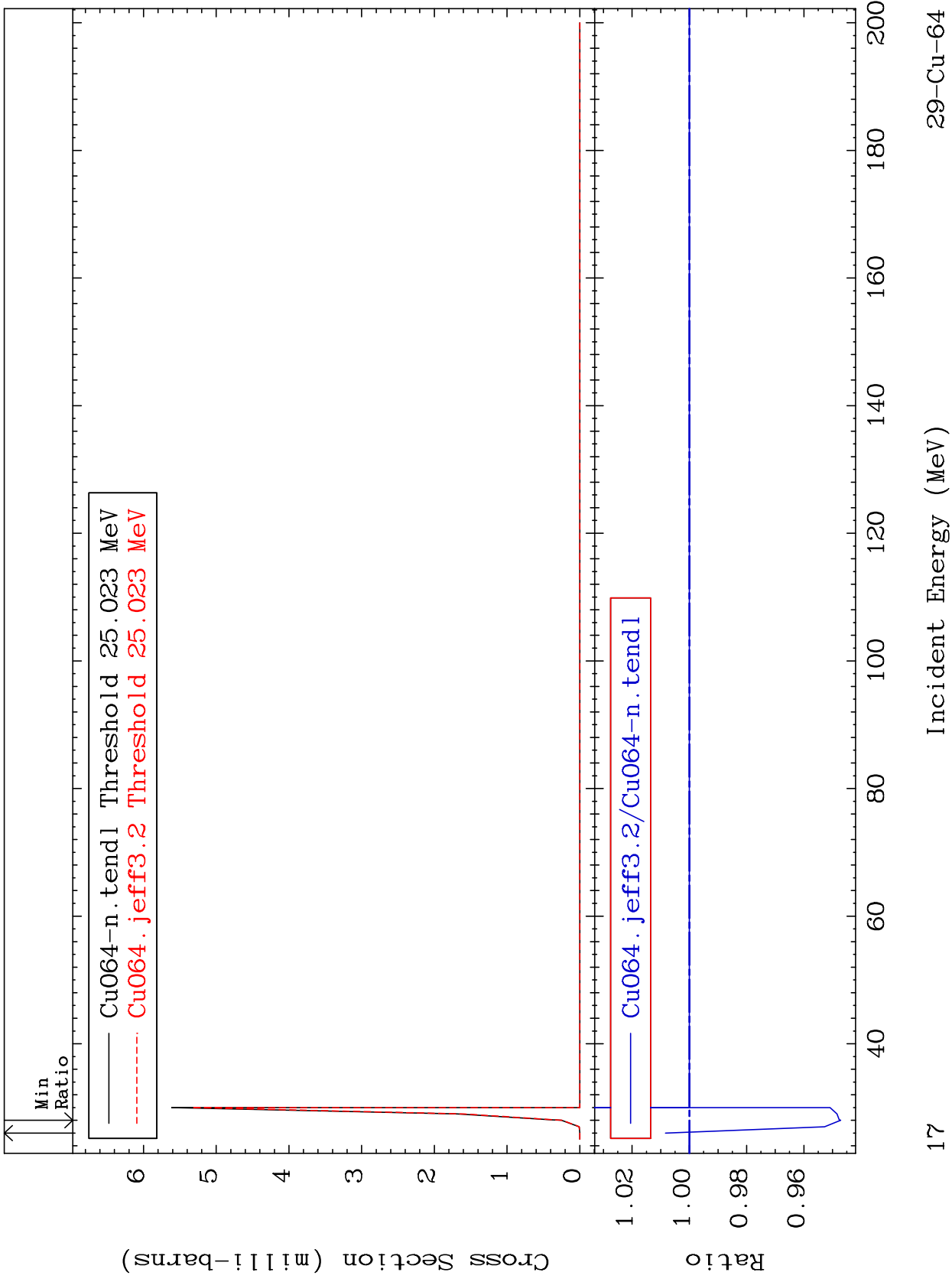
²⁹-Cu-64
-0.786 To 5.468 %



MAT 2928

(n,3n) p
Cross Section

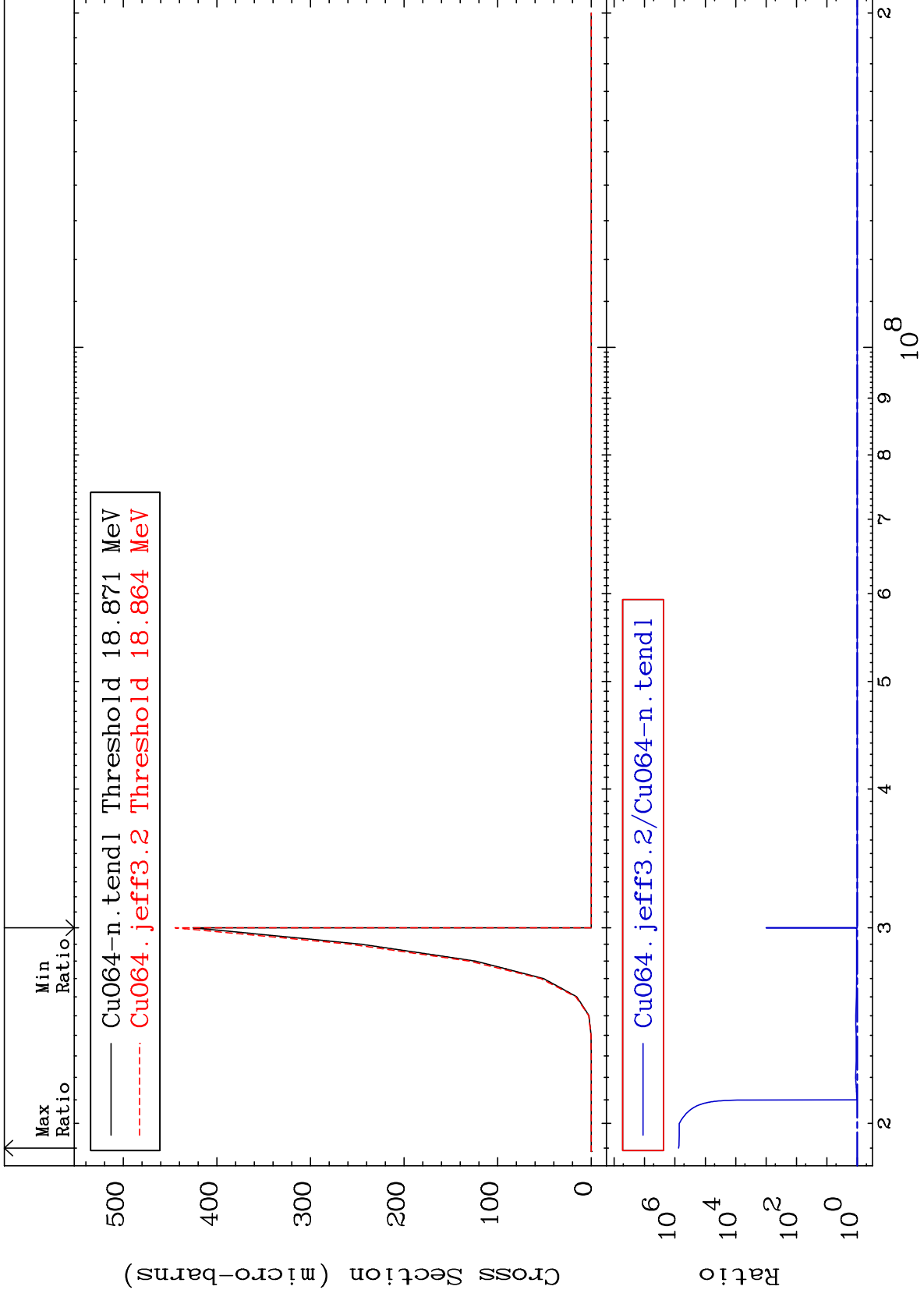
²⁹-Cu-64
-5.286 To 0.833 %



MAT 2928

(n,2n) p
Cross Section

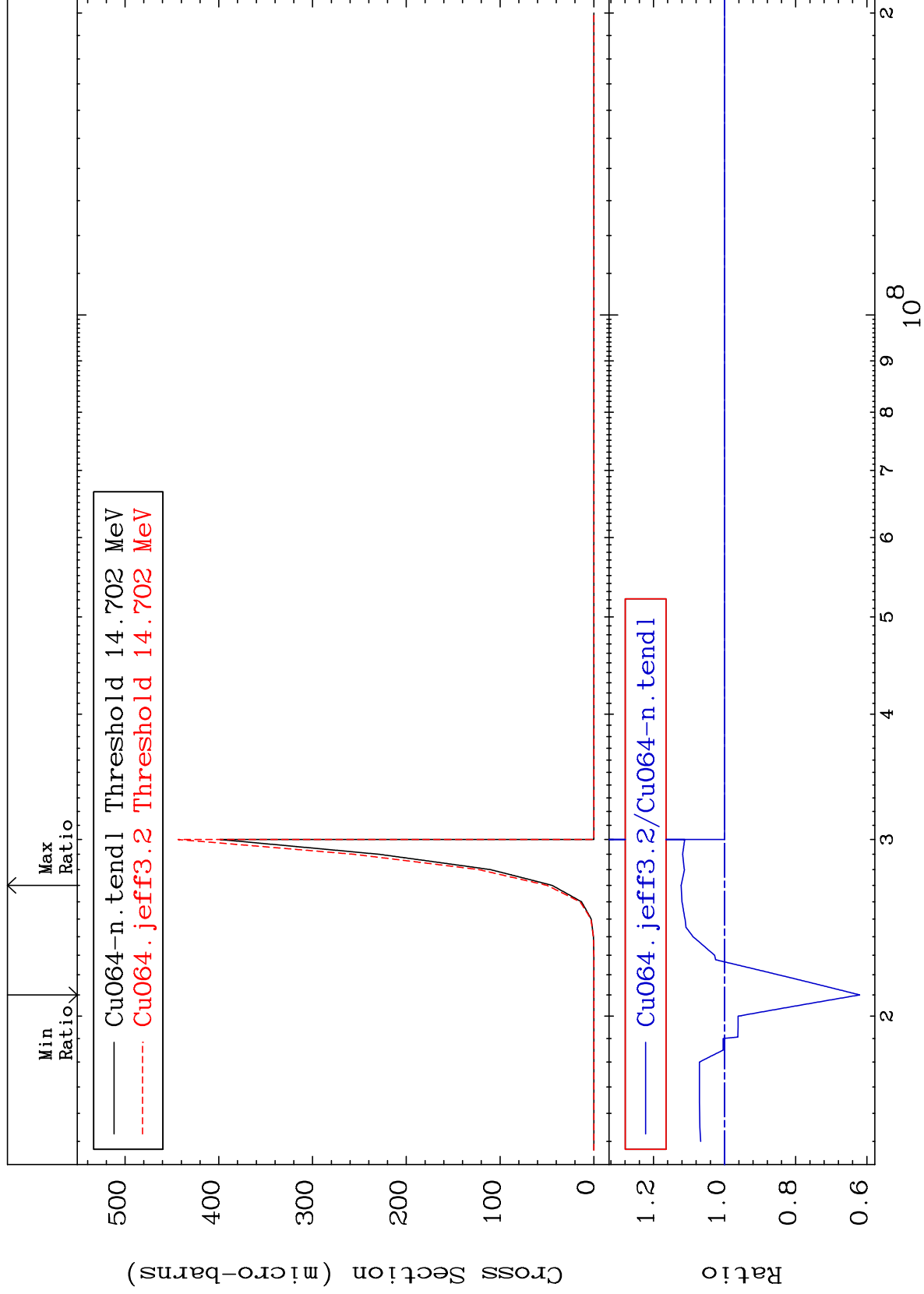
29-Cu-64
0.000 To 9999. %



18

Incident Energy (eV)

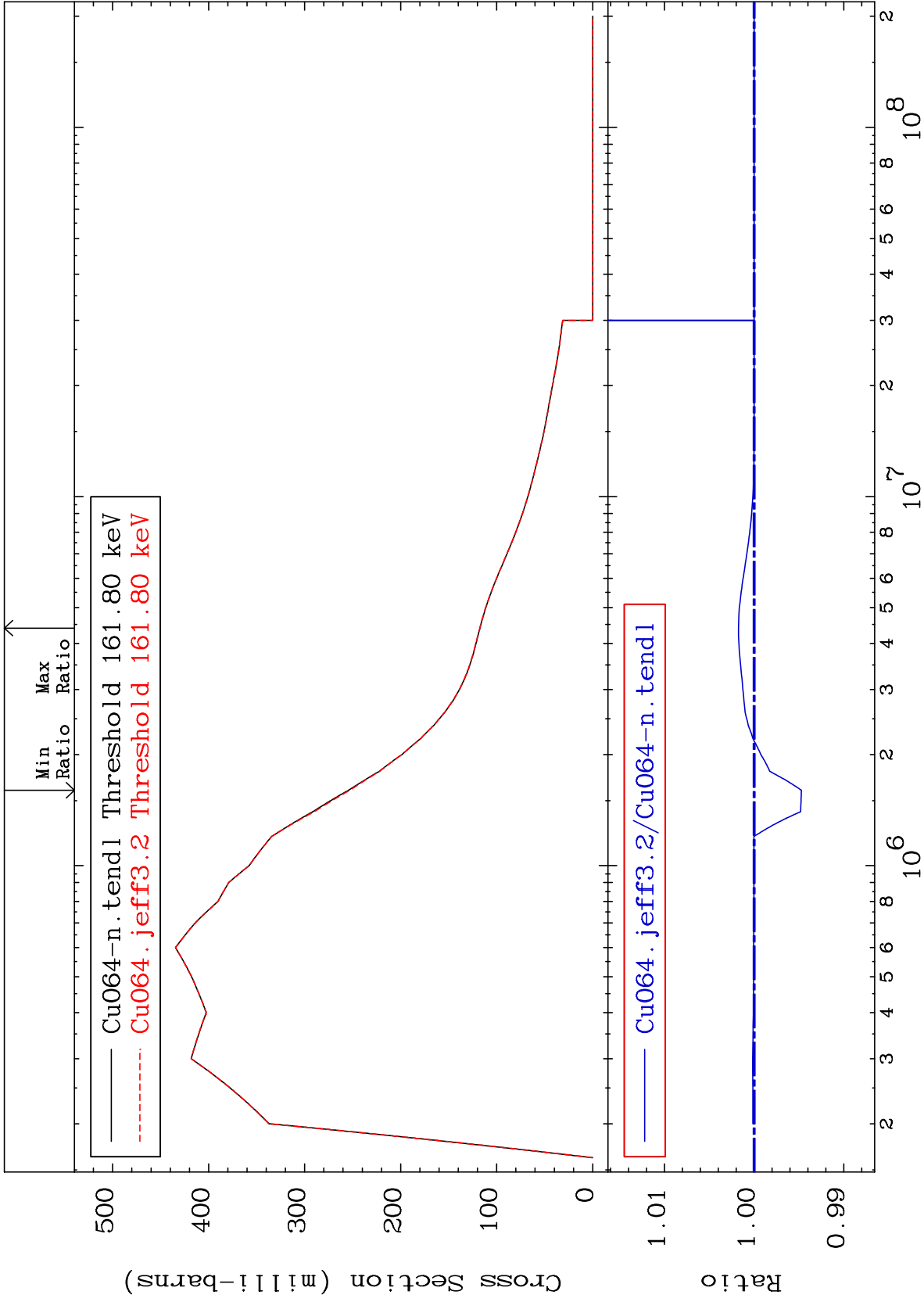
29-Cu-64



MAT 2928

159.3 keV (n,n') Level
Cross Section

29-Cu-64
-0.526 To 0.175 %



20

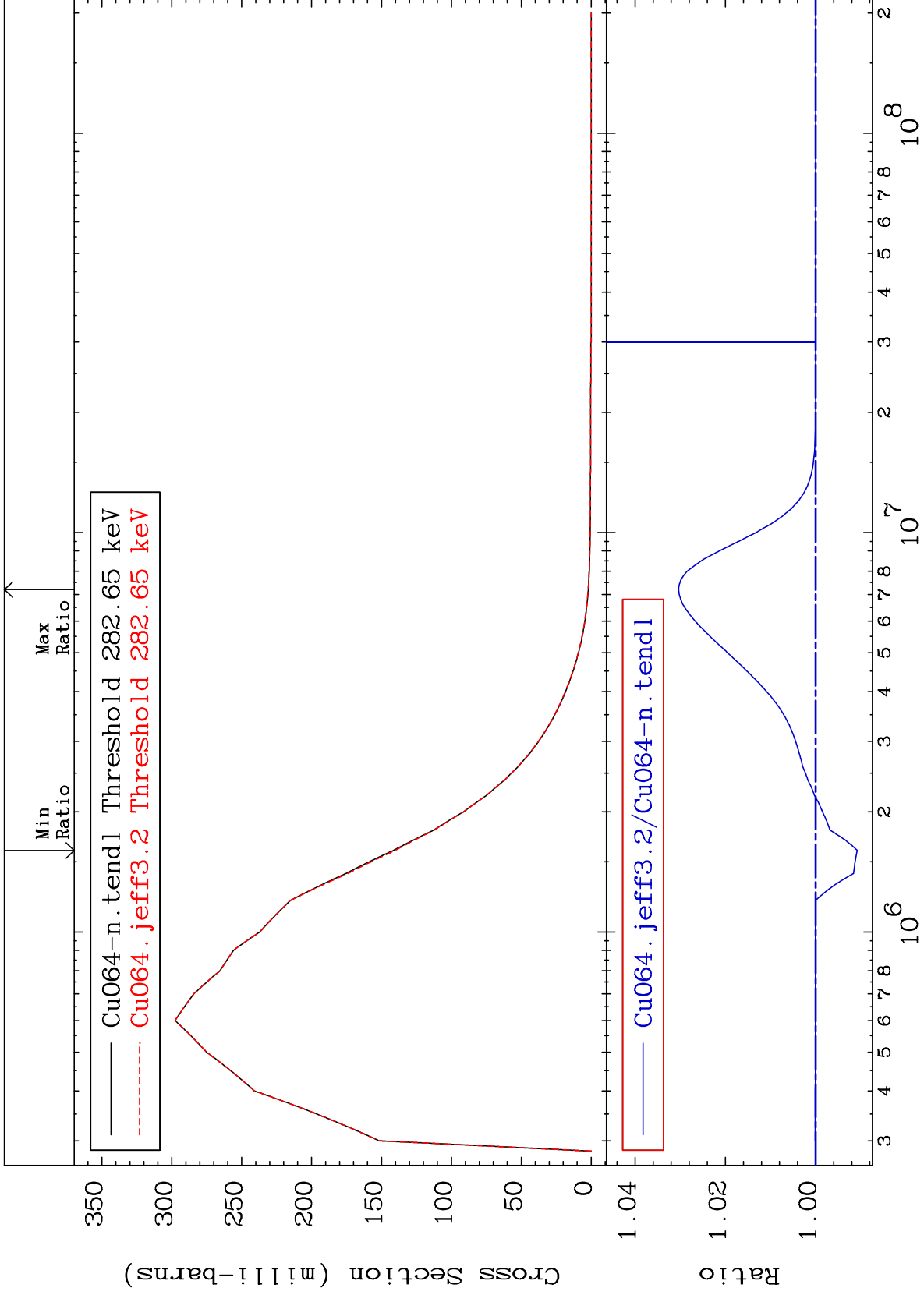
Incident Energy (eV)

29-Cu-64

MAT 2928

278.3 keV (n,n') Level
Cross Section

29-Cu-64
-0.921 To 3.035 %



21

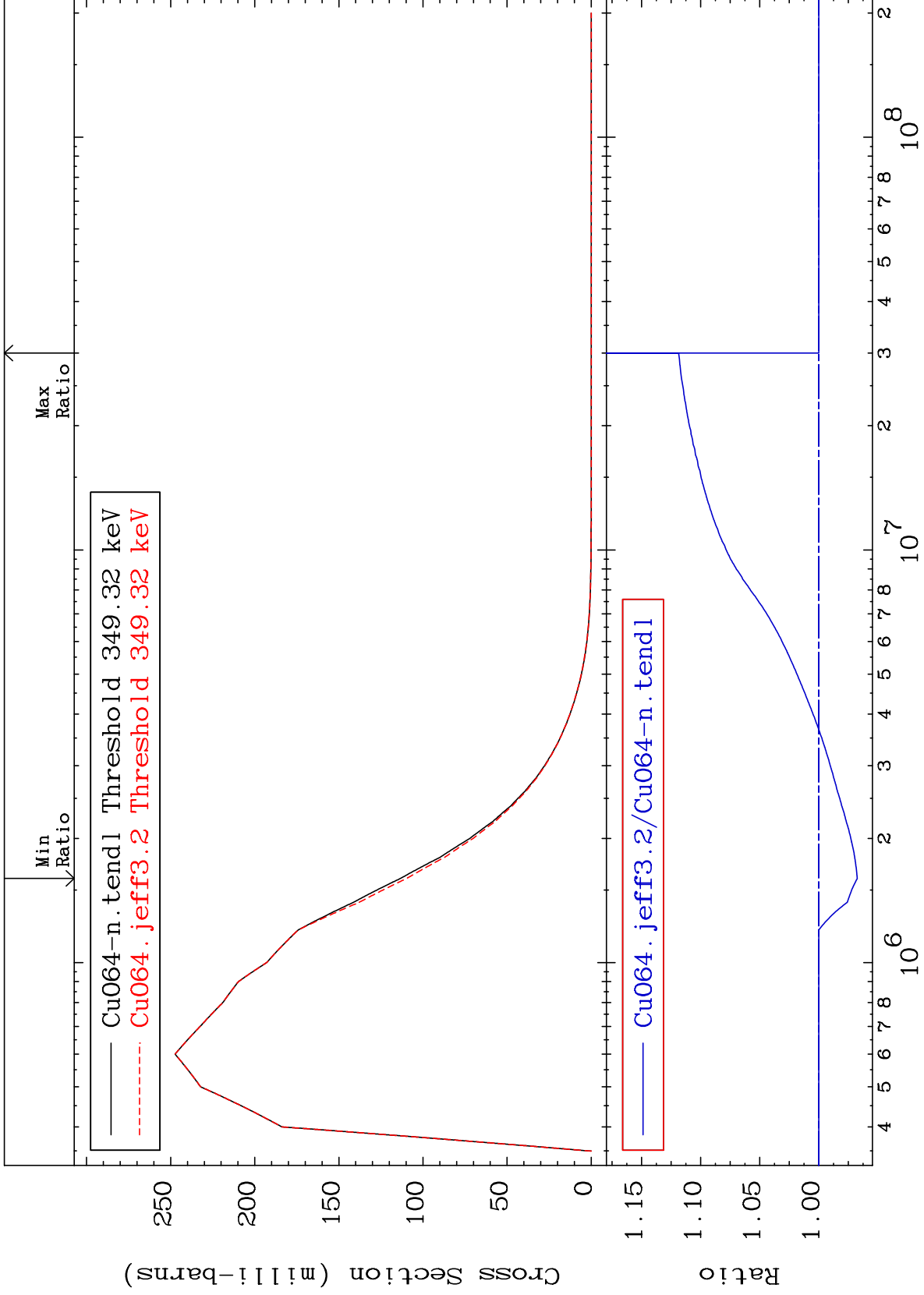
Incident Energy (eV)

29-Cu-64

MAT 2928

343.9 keV (n,n') Level
Cross Section

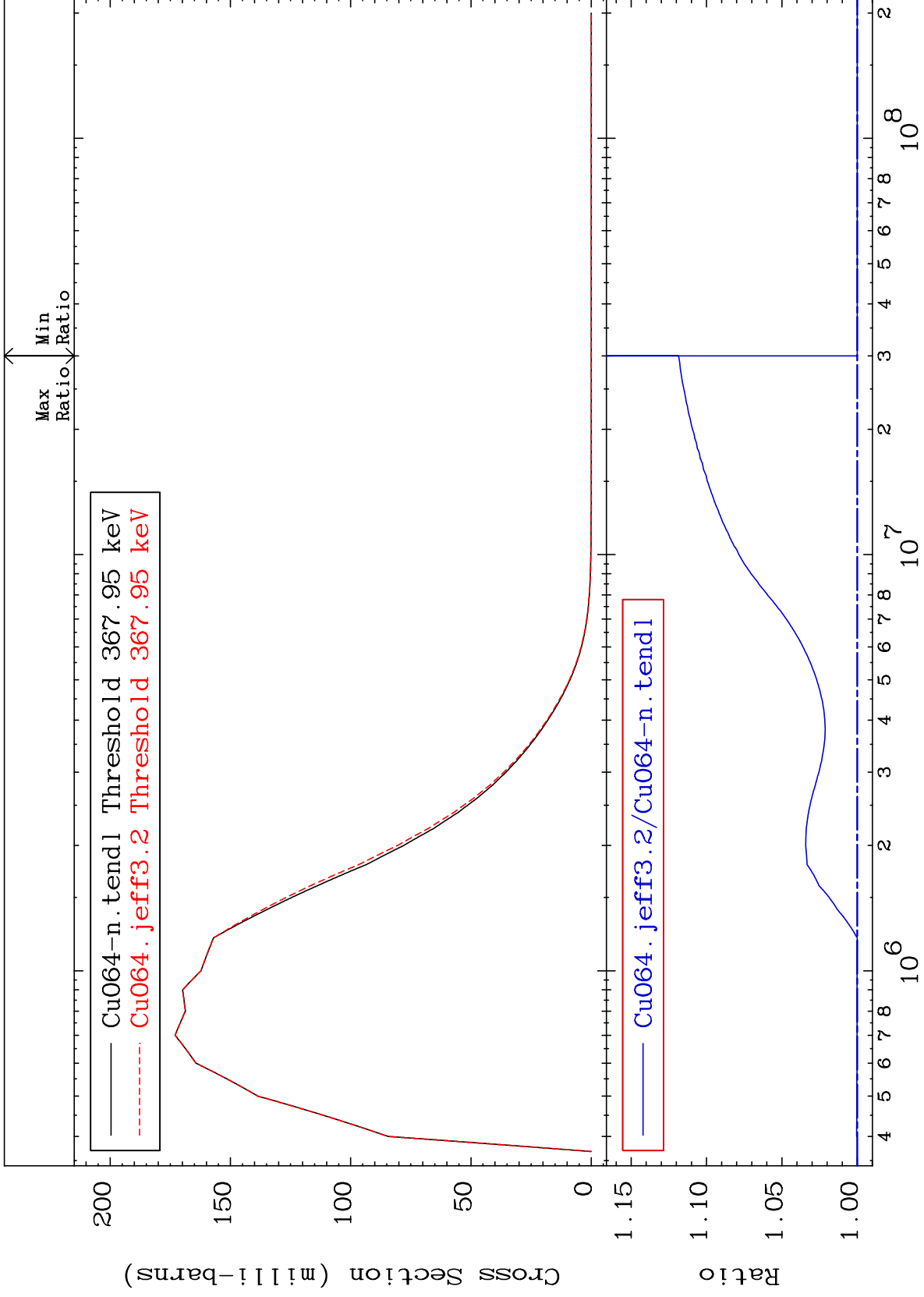
29-Cu-64
-3.263 To 11.86 %



MAT 2928

362.2 keV (n,n') Level
Cross Section

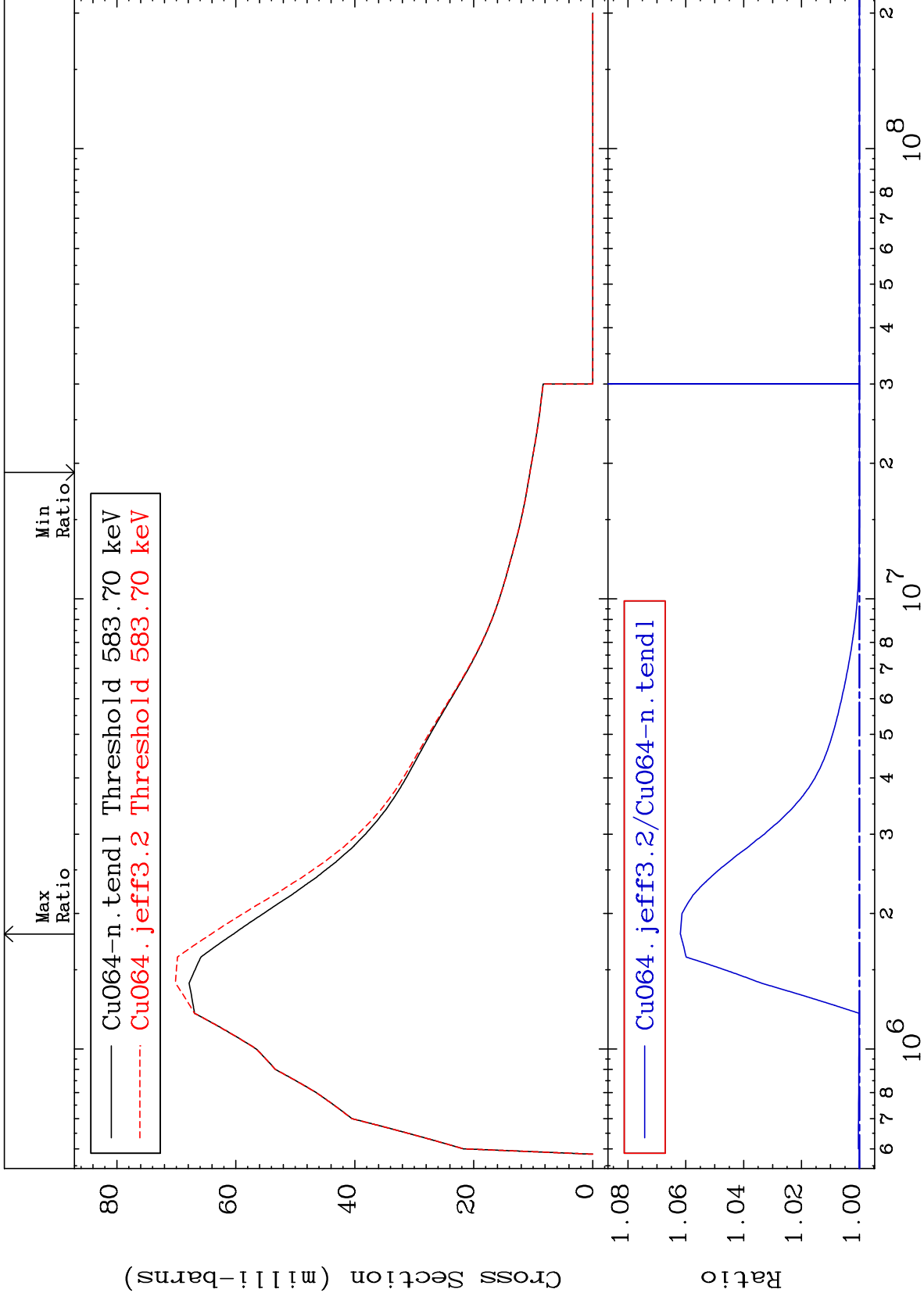
29-Cu-64
0.000 To 11.85 %



MAT 2928

574.6 keV (n,n') Level
Cross Section

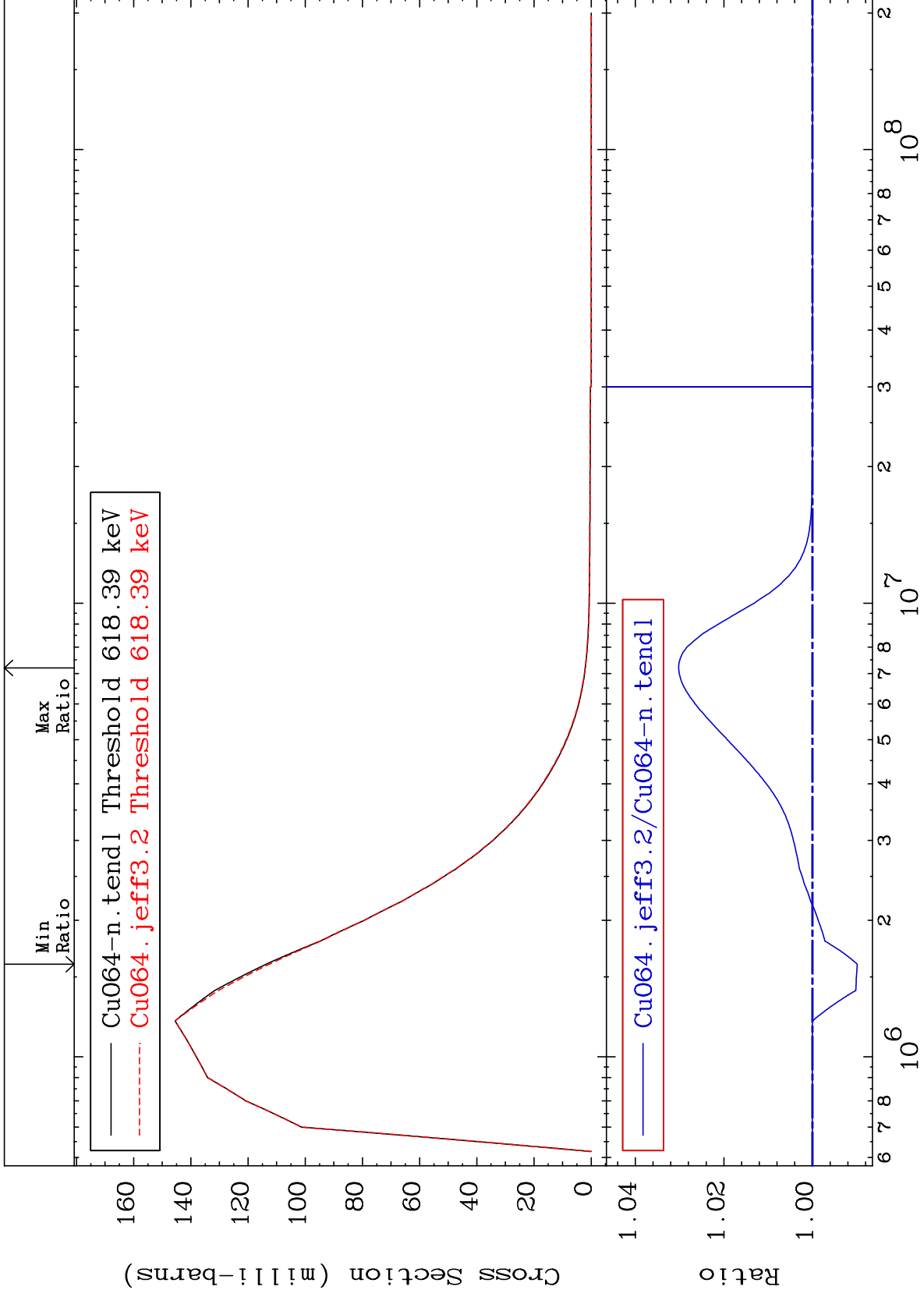
0.000 To 6.189 %
29-Cu-64



MAT 2928

608.8 keV (n,n') Level
Cross Section

29-Cu-64
-1.012 To 3.022 %



25

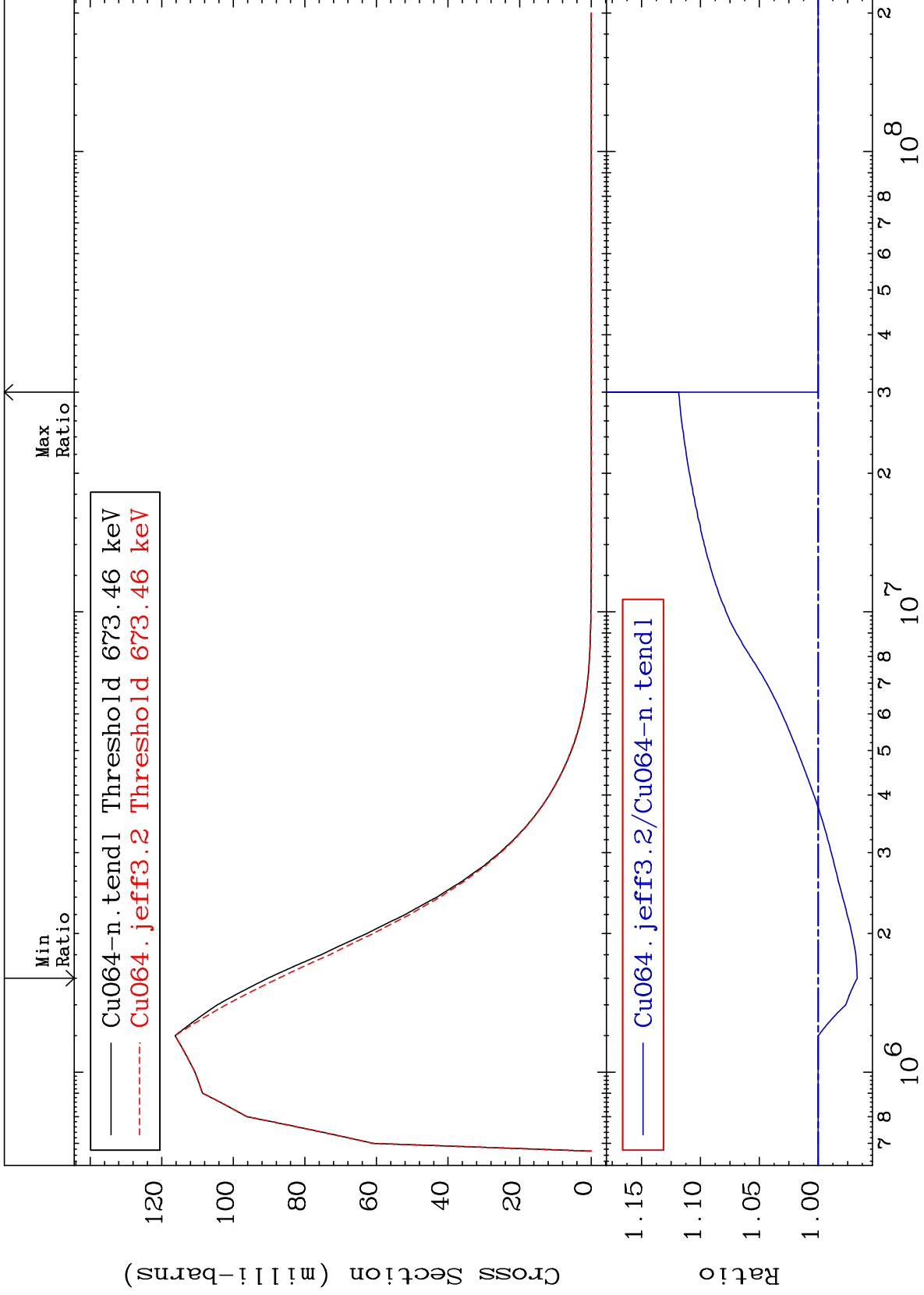
Incident Energy (eV)

29-Cu-64

MAT 2928

663.0 keV (n,n') Level
Cross Section

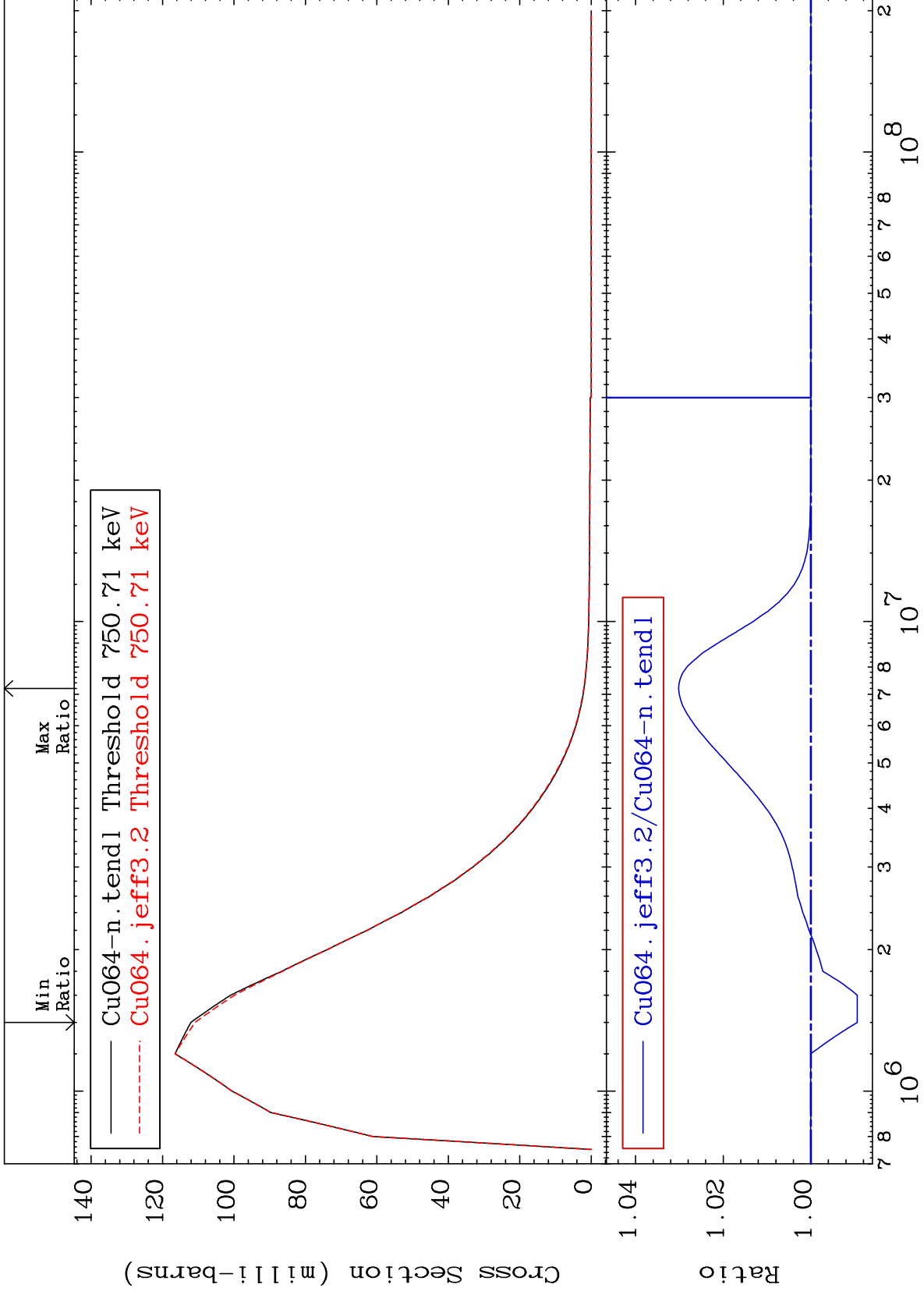
29-Cu-64
-3.318 To 11.86 %



MAT 2928

739.1 keV (n,n') Level
Cross Section

29-Cu-64
-1.058 To 3.018 %



27

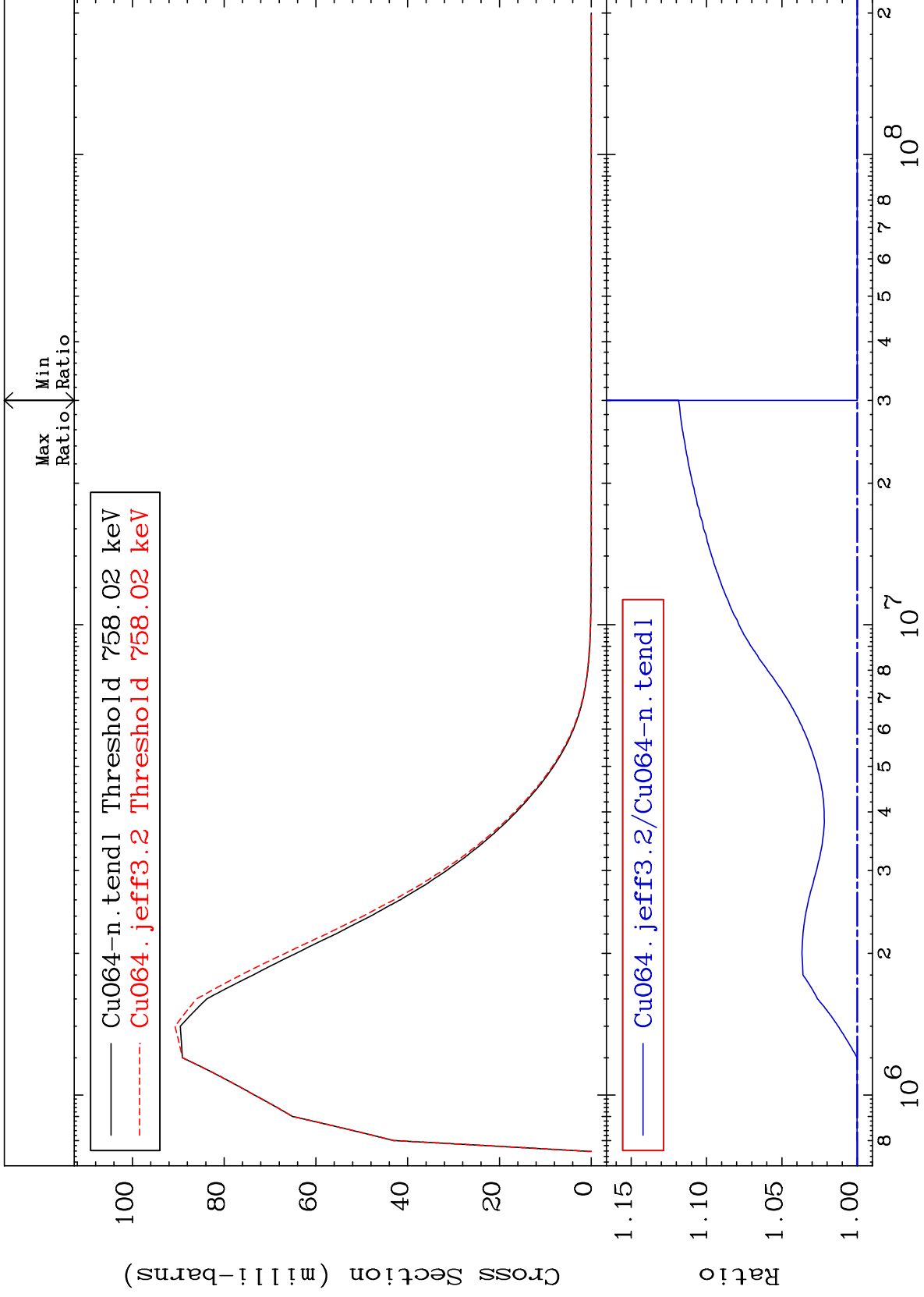
Incident Energy (eV)

29-Cu-64

MAT 2928

746.2 keV (n,n') Level
Cross Section

29-Cu-64
0.000 To 11.85 %



28

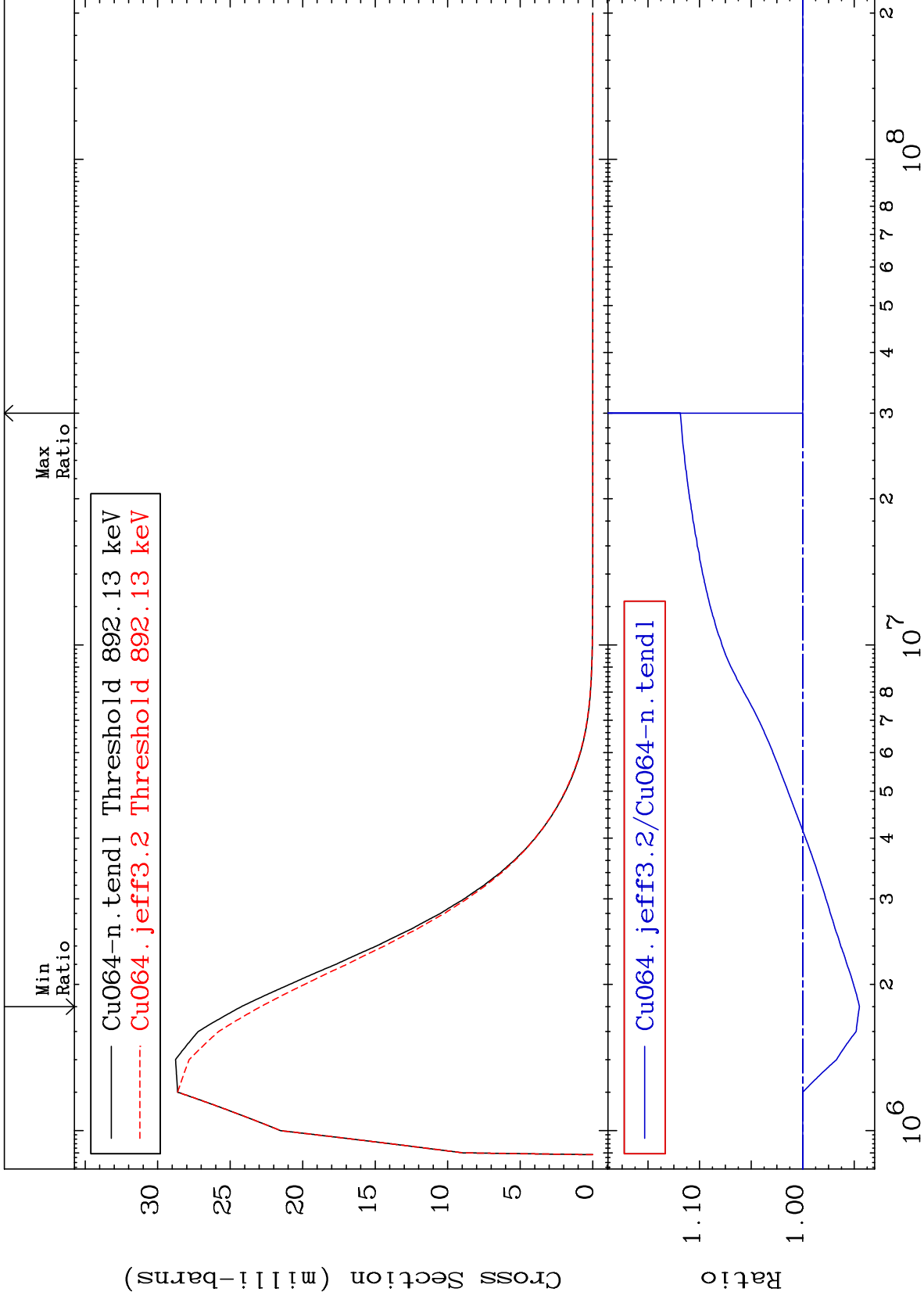
Incident Energy (eV)

29-Cu-64

MAT 2928

878.3 keV (n,n') Level
Cross Section

29-Cu-64
-5.497 To 11.86 %



29

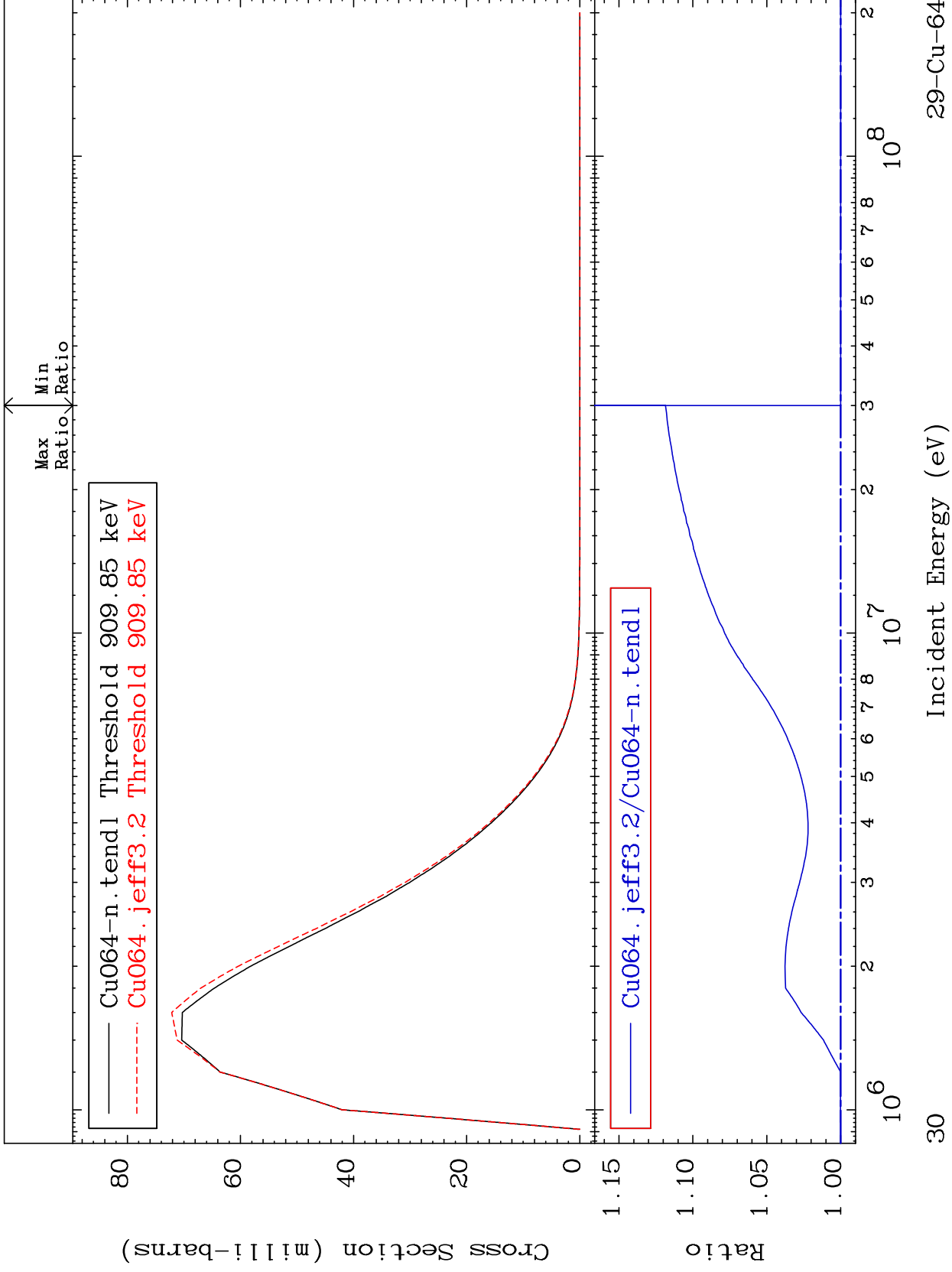
Incident Energy (eV)

29-Cu-64

MAT 2928

895.7 keV (n,n') Level
Cross Section

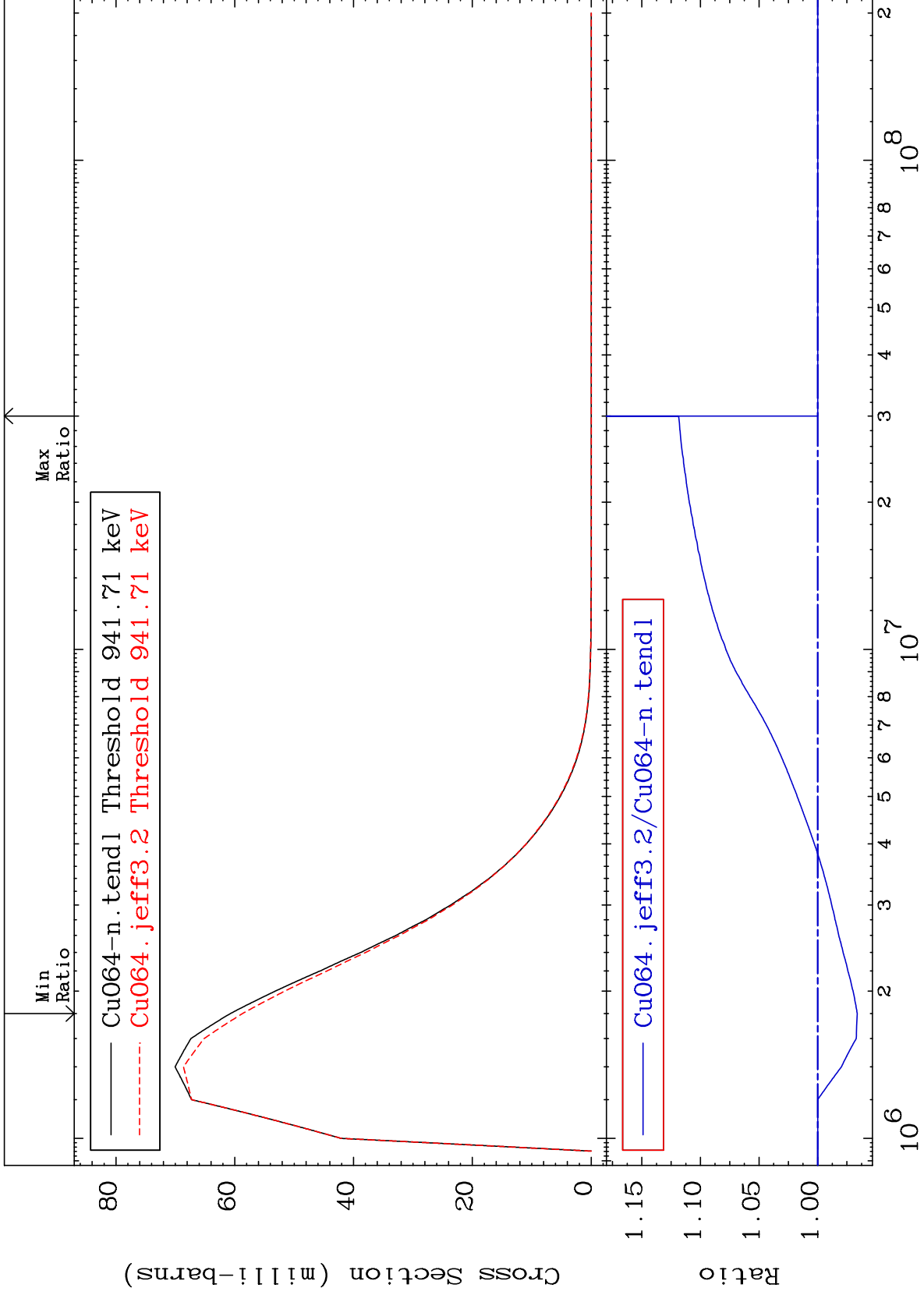
0.000 To 11.85 %
29-Cu-64



MAT 2928

927.1 keV (n,n') Level
Cross Section

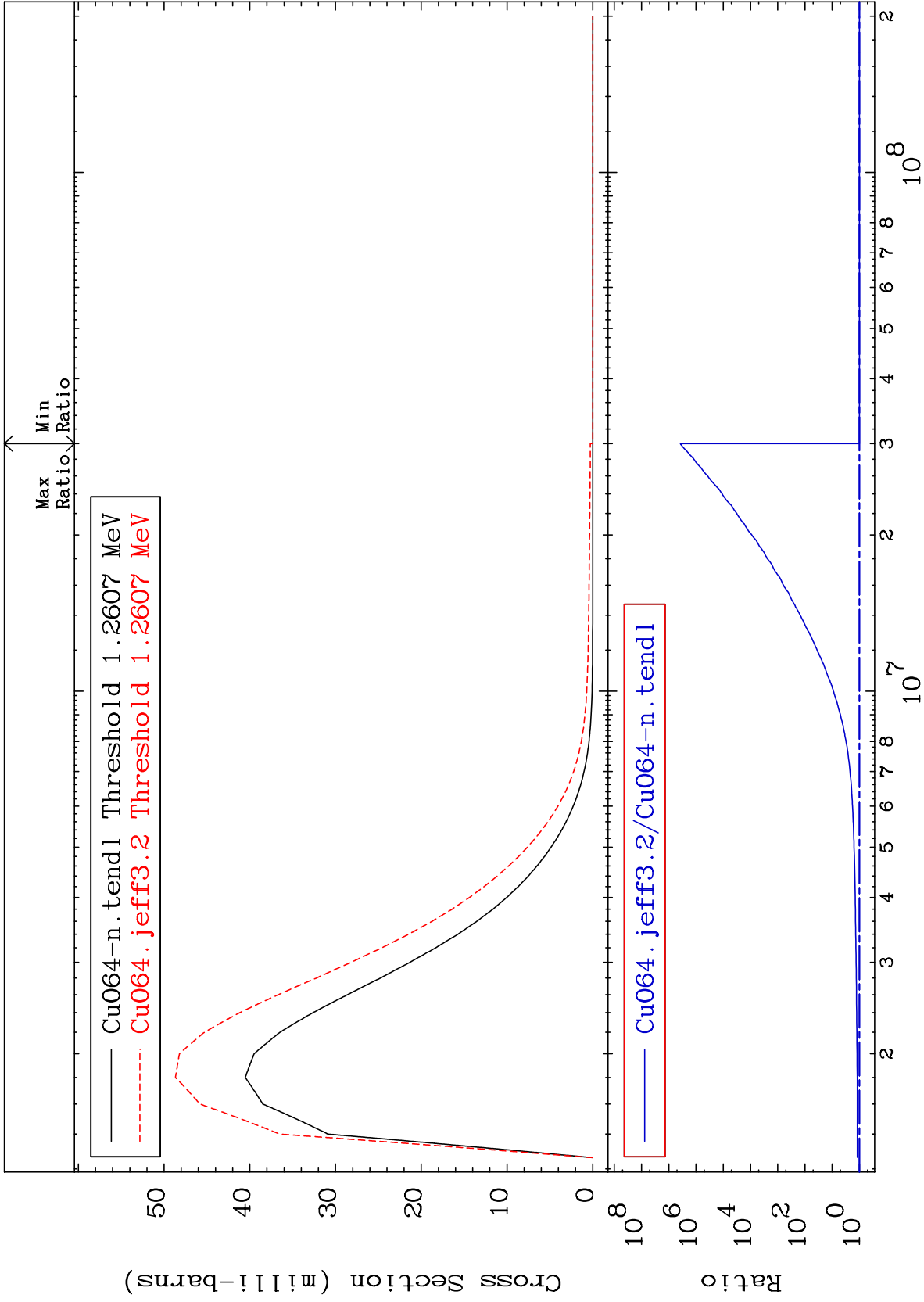
29-Cu-64
-3.379 To 11.86 %



MAT 2928

1.241 MeV (n,n') Level
Cross Section

0.000 To 9999. %
29-Cu-64



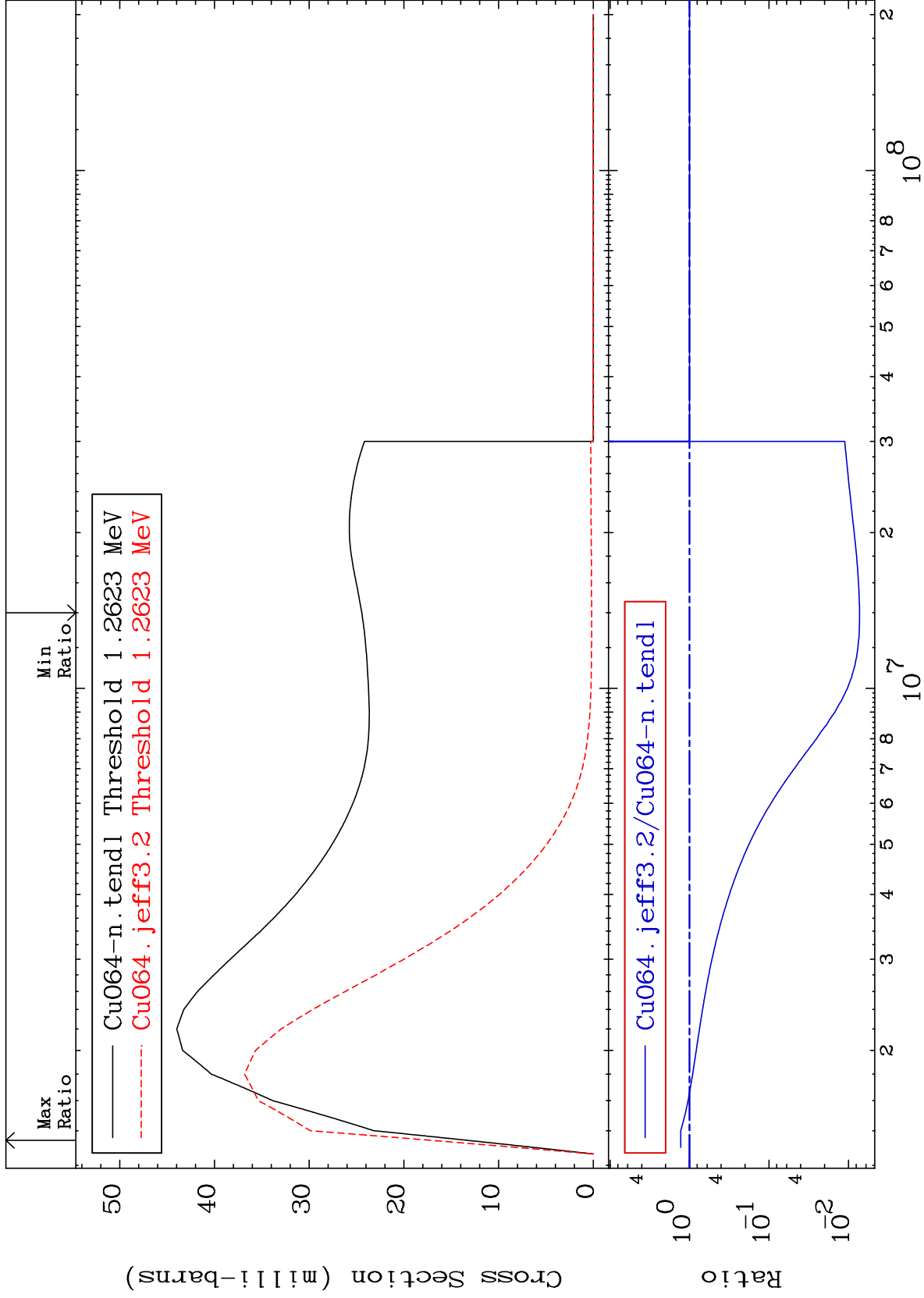
MAT 2928

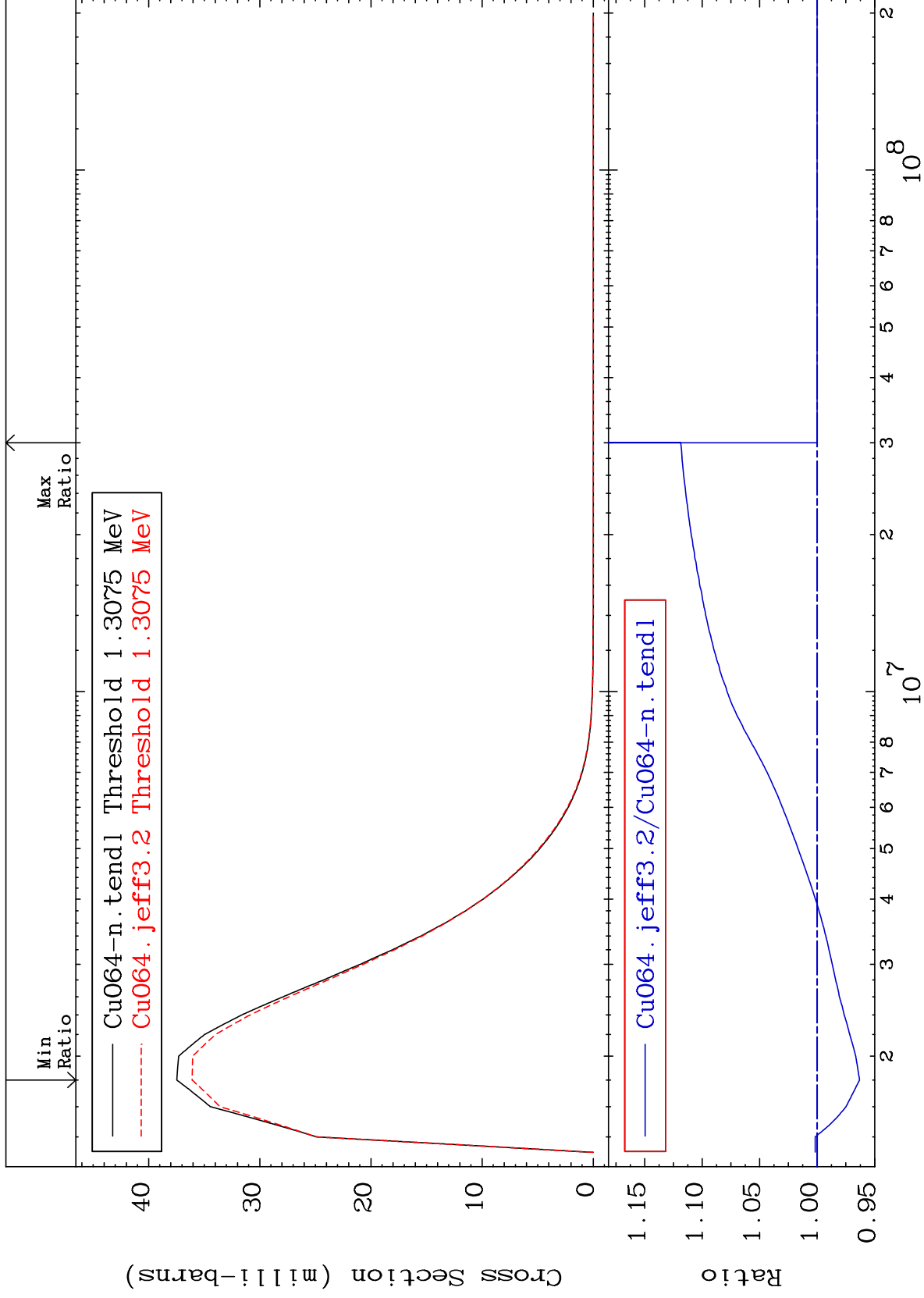
1.243 MeV (n,n') Level

29-Cu-64

-99.28 To 28.95 %

Cross Section

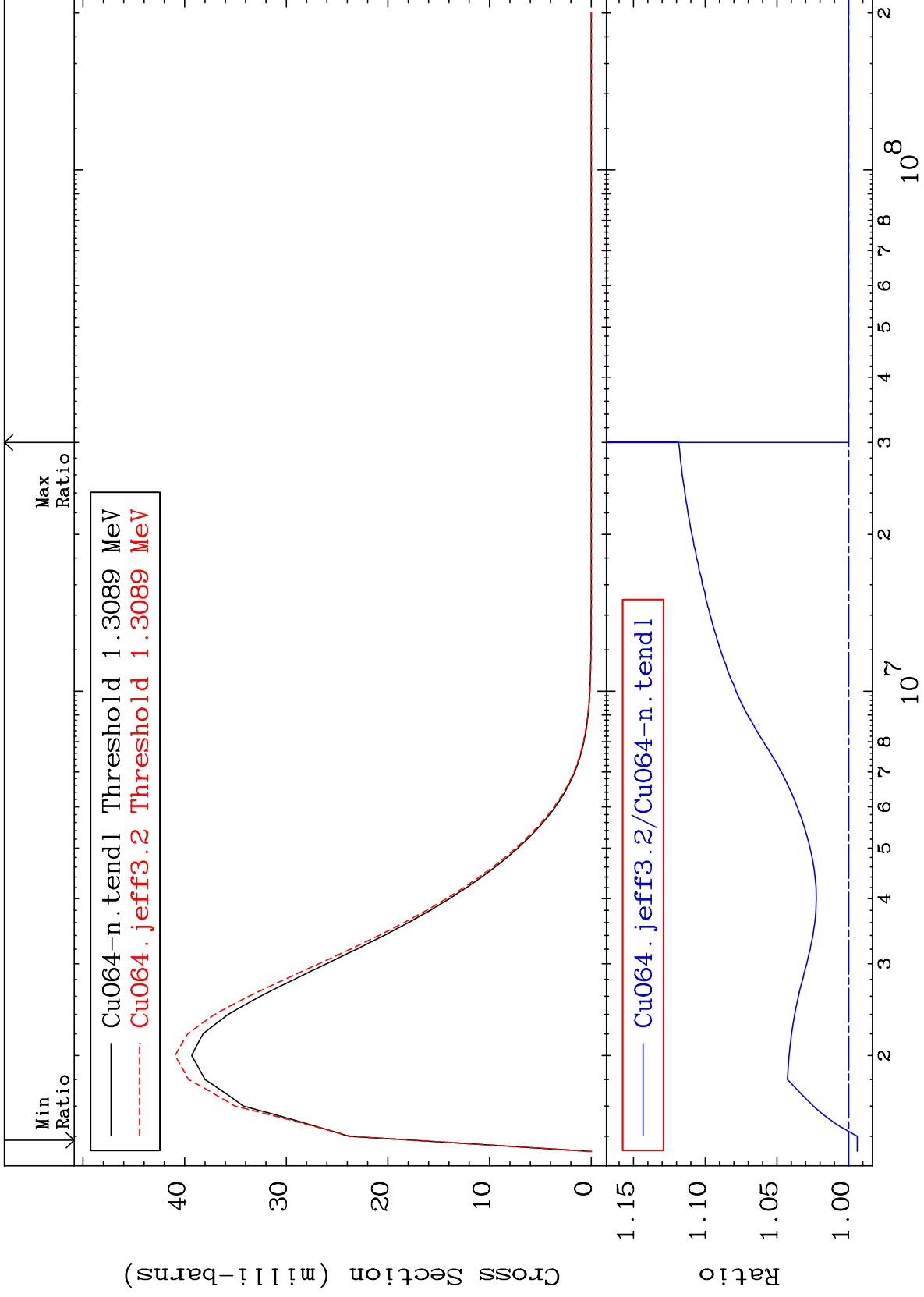




MAT 2928

1.289 MeV (n,n') Level
Cross Section

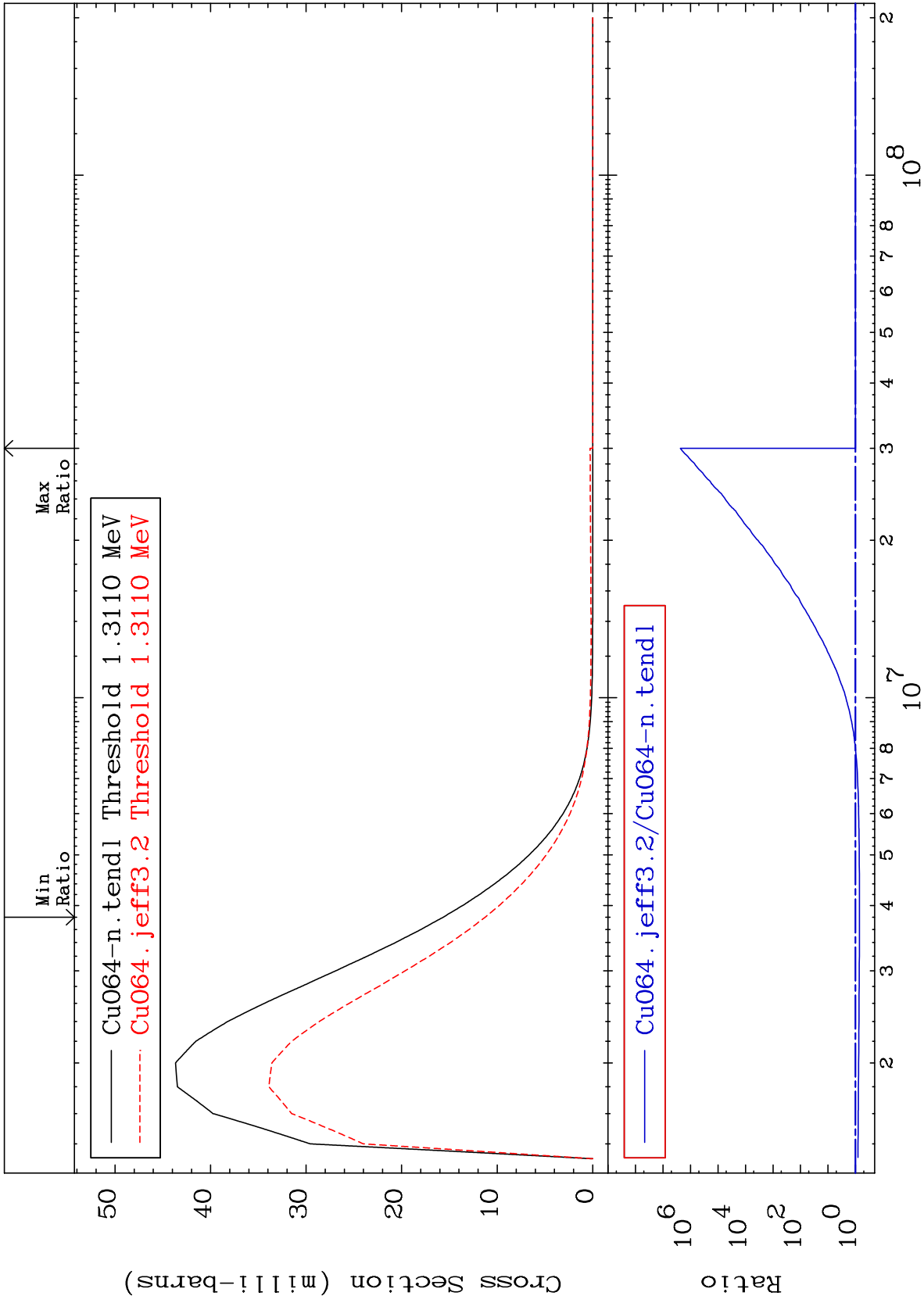
29-Cu-64
-0.602 To 11.85 %



MAT 2928

1.291 MeV (n,n') Level
Cross Section

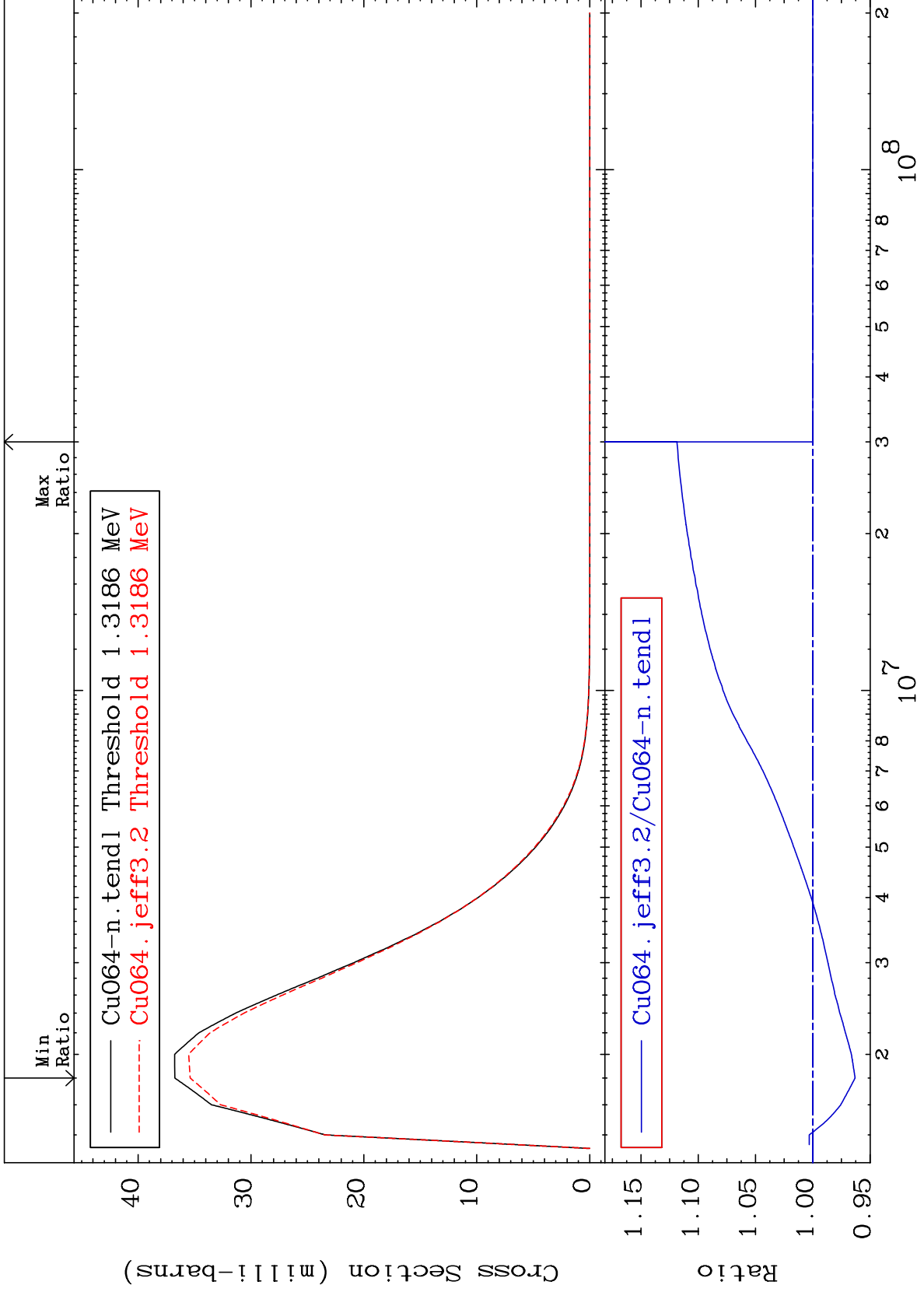
29-Cu-64
-28.13 To 9999. %



MAT 2928

1.298 MeV (n,n') Level
Cross Section

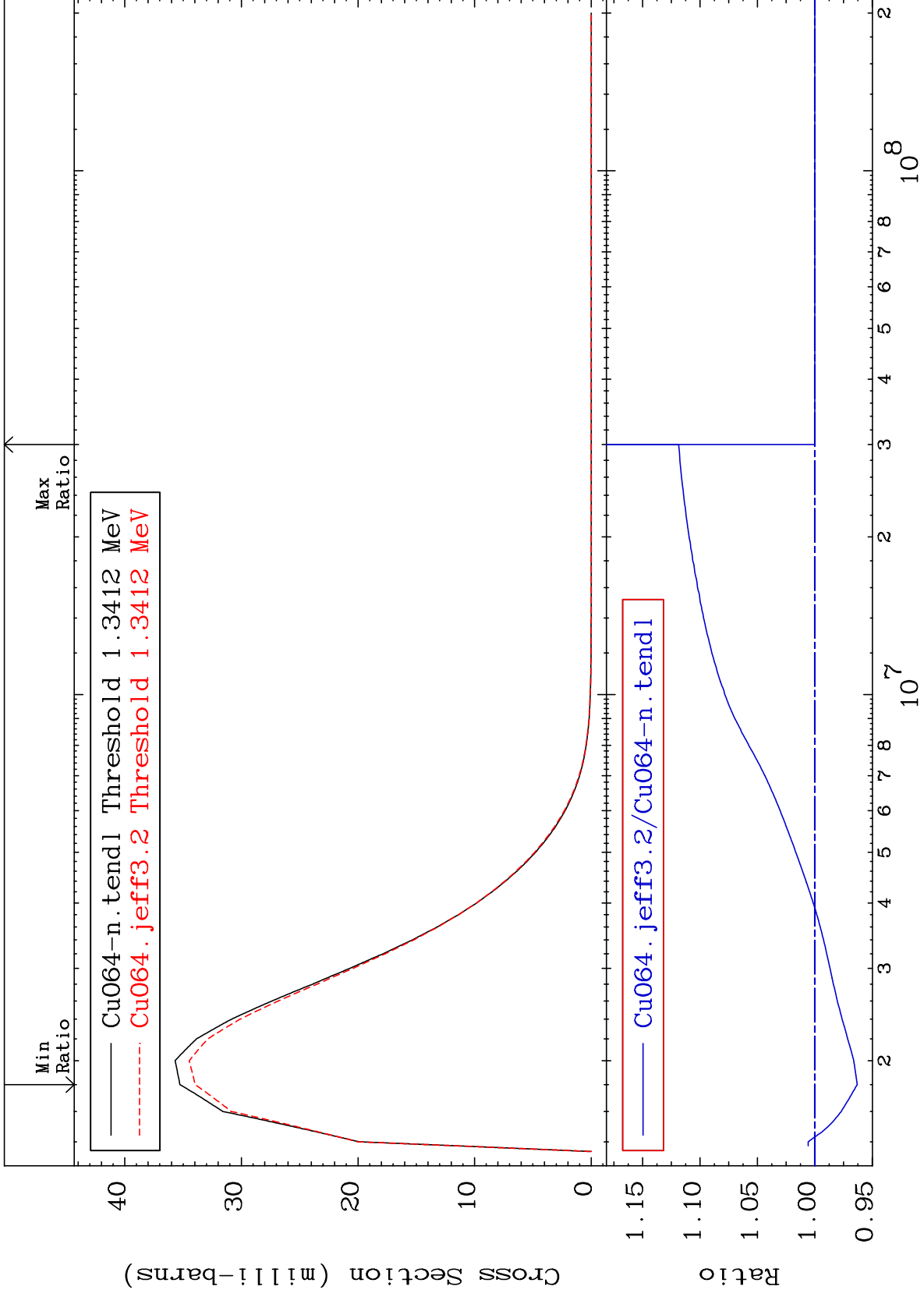
29-Cu-64
-3.691 To 11.86 %



MAT 2928

1.320 MeV (n,n') Level
Cross Section

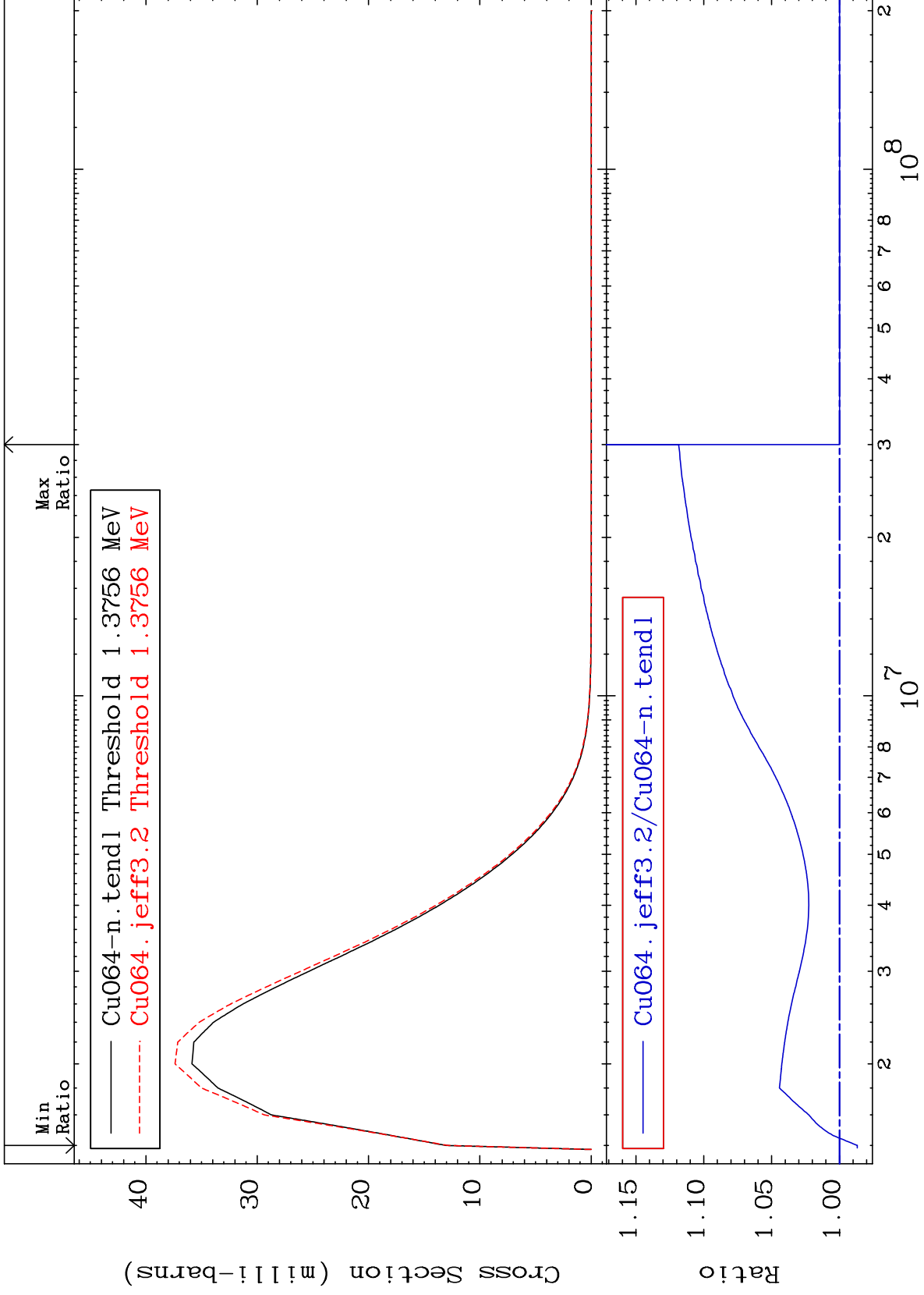
29-Cu-64
-3.699 To 11.86 %



MAT 2928

1.354 MeV (n,n') Level
Cross Section

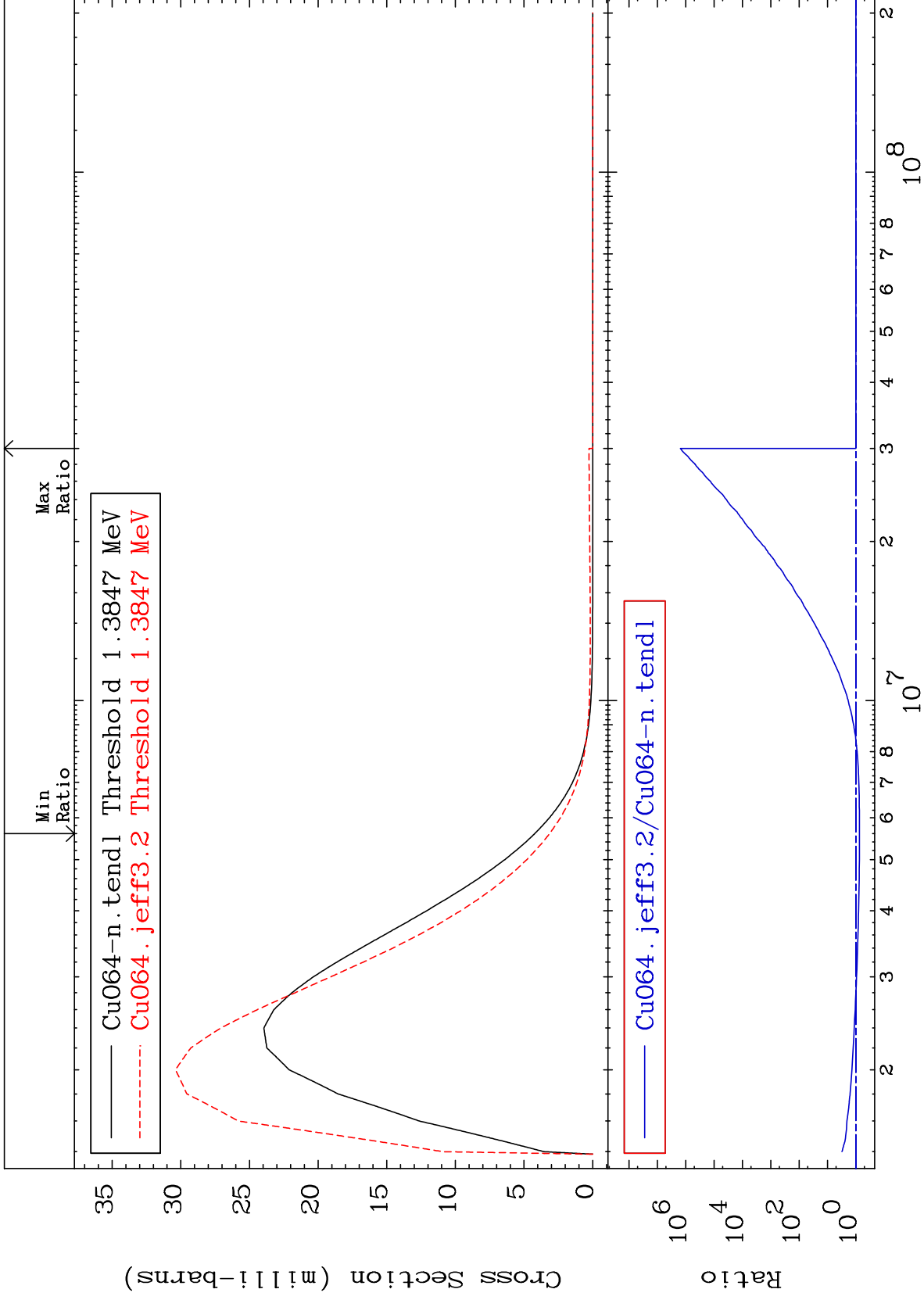
29-Cu-64
-1.309 To 11.85 %



MAT 2928

1.363 MeV (n,n') Level
Cross Section

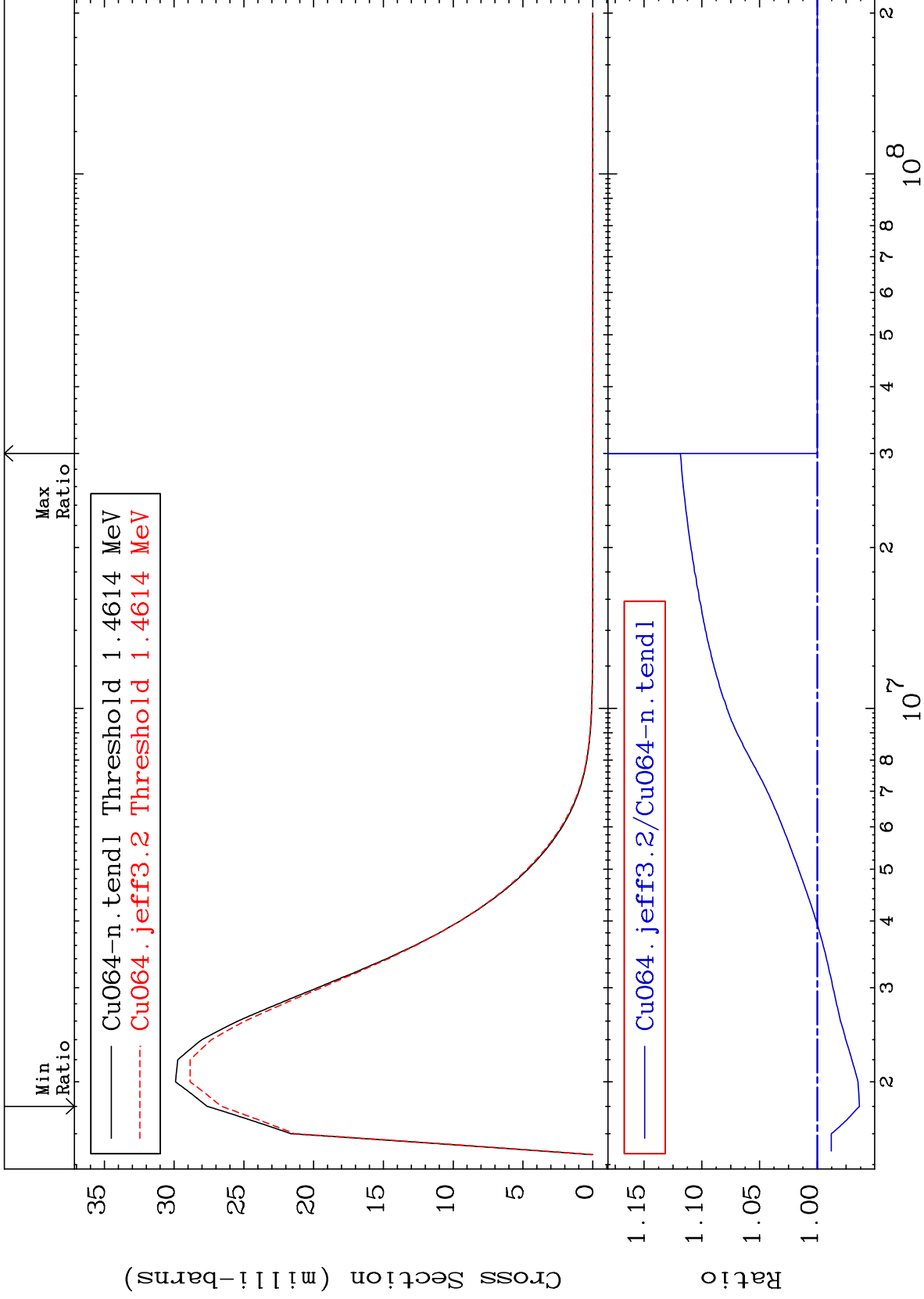
29-Cu-64
-25.57 To 9999. %



MAT 2928

1.439 MeV (n,n') Level
Cross Section

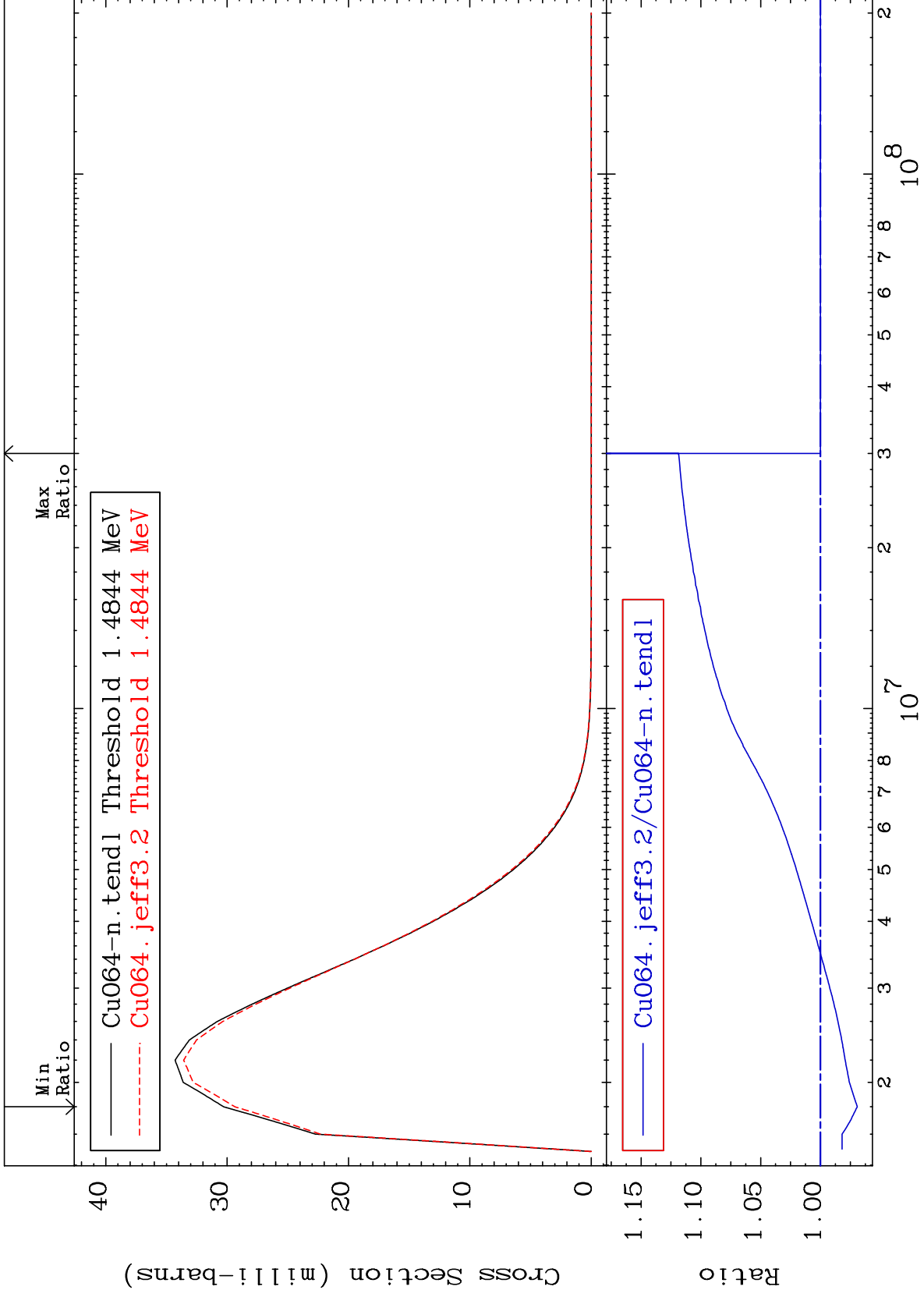
29-Cu-64
-3.648 To 11.86 %



MAT 2928

1.461 MeV (n,n') Level
Cross Section

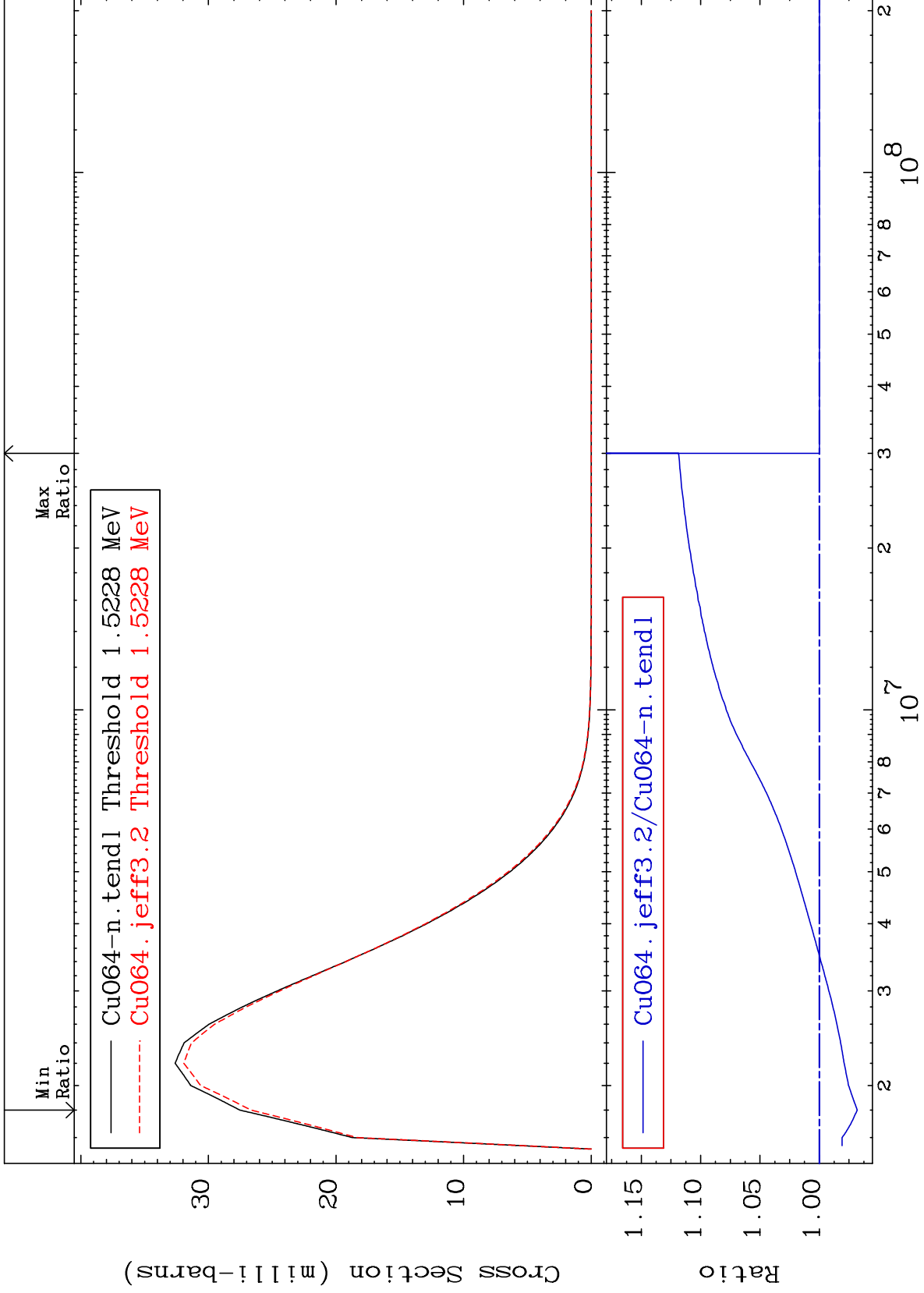
29-Cu-64
-3.077 To 11.86 %



MAT 2928

1.499 MeV (n,n') Level
Cross Section

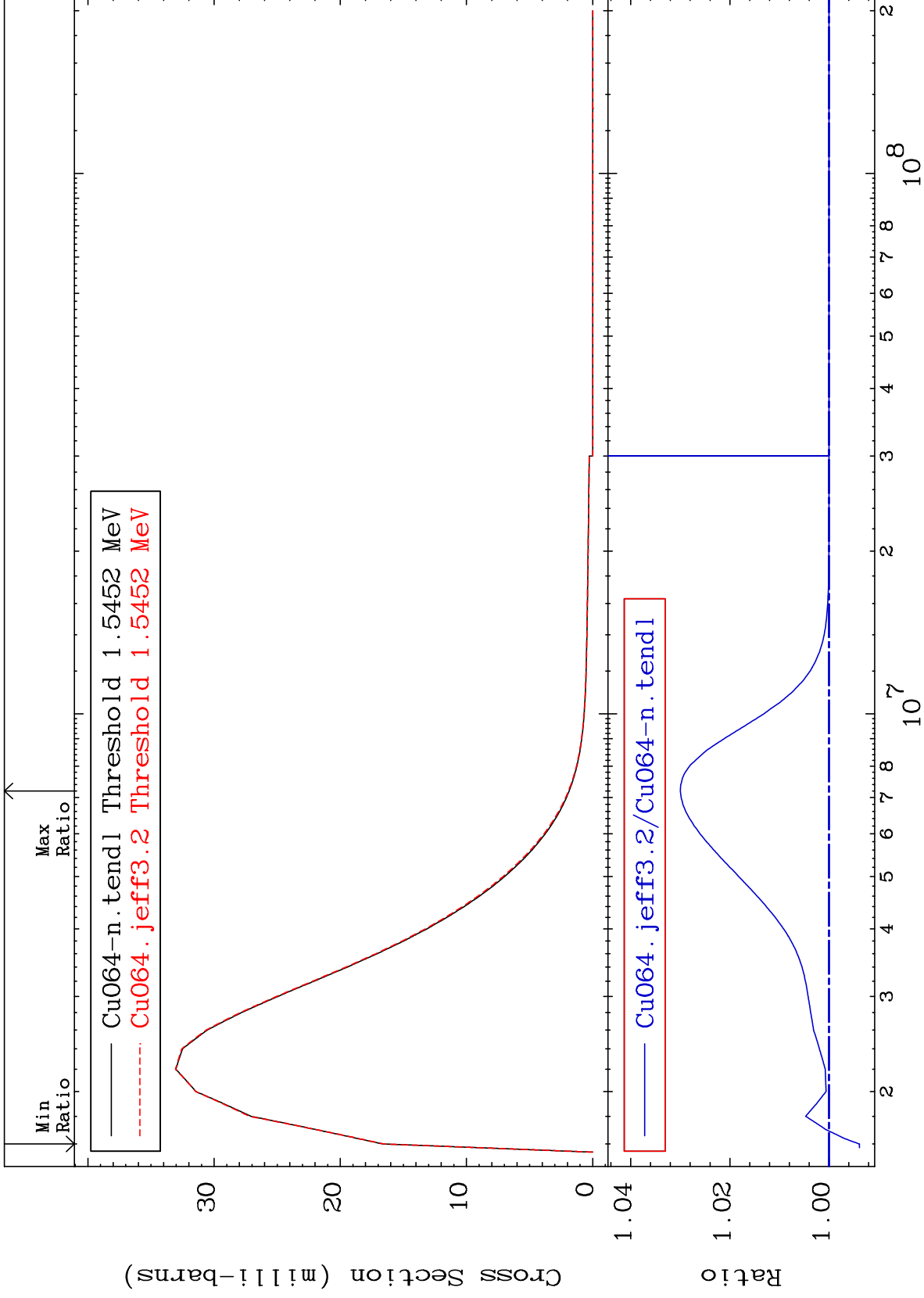
29-Cu-64
-3.195 To 11.86 %



MAT 2928

1.521 MeV (n,n') Level
Cross Section

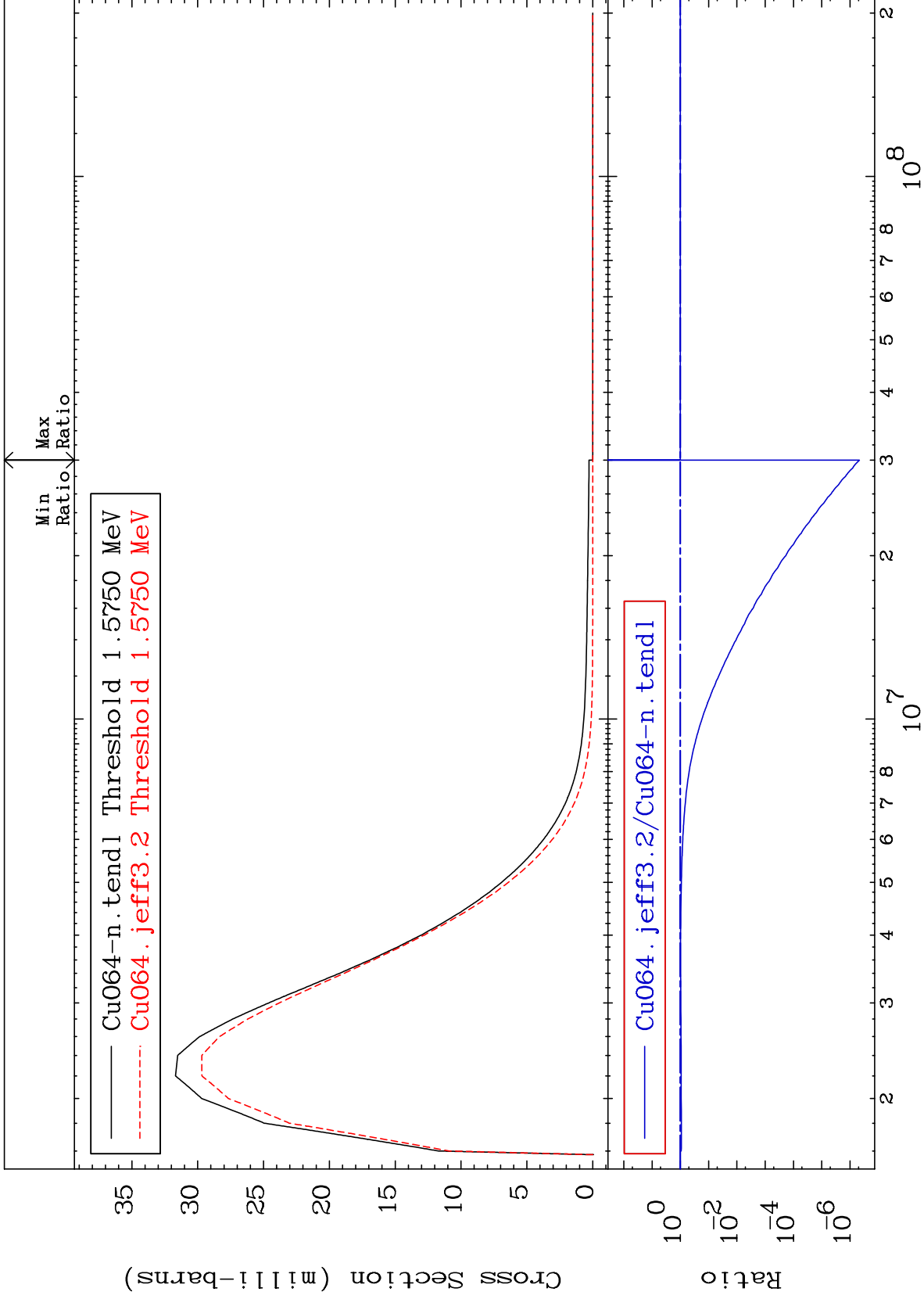
29-Cu-64
-0.614 To 2.999 %



MAT 2928

1.551 MeV (n,n') Level
Cross Section

29-Cu-64
-100.0 To 0.000 %



45

Incident Energy (eV)

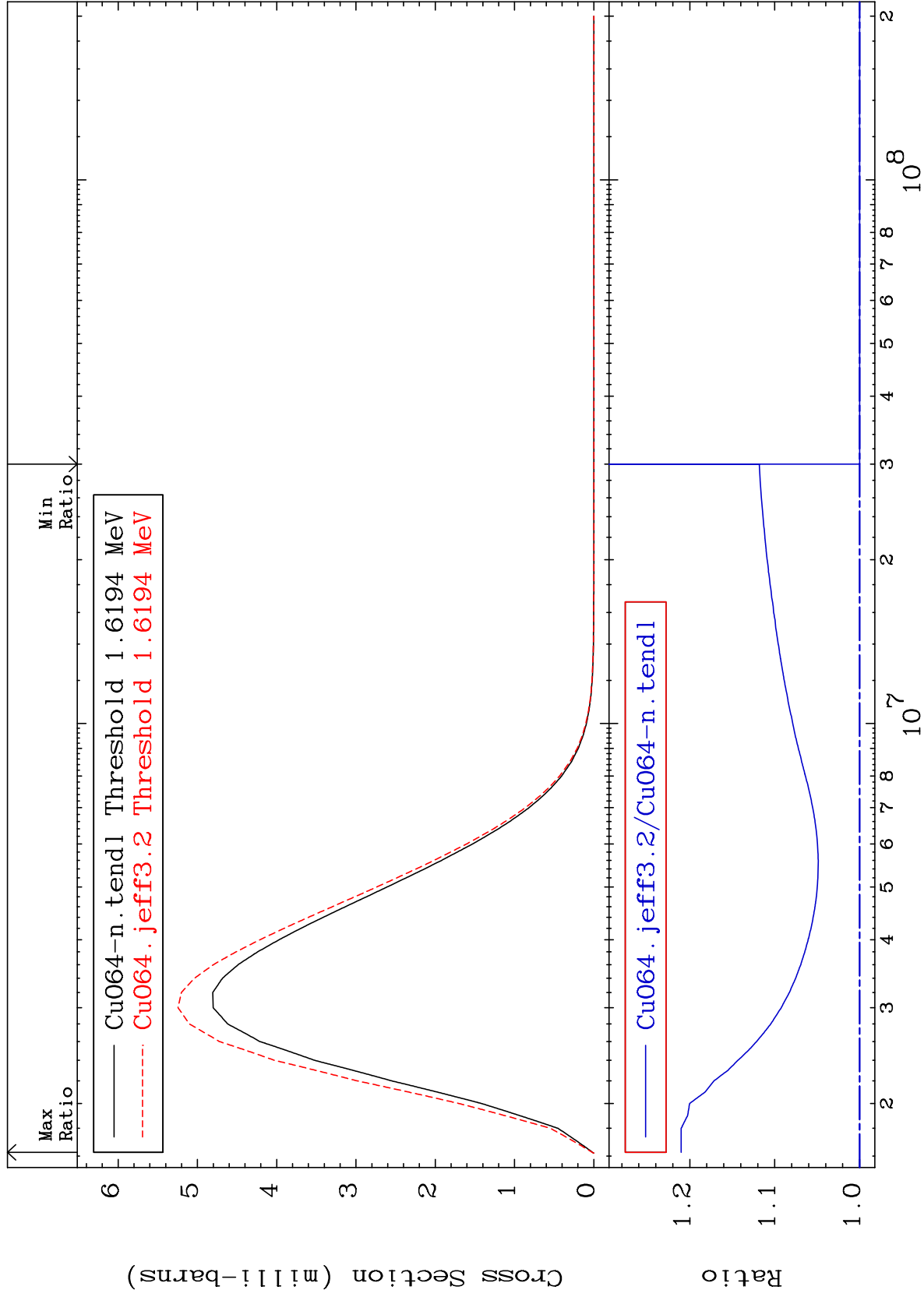
29-Cu-64

MAT 2928

1.594 MeV (n,n') Level

29-Cu-64

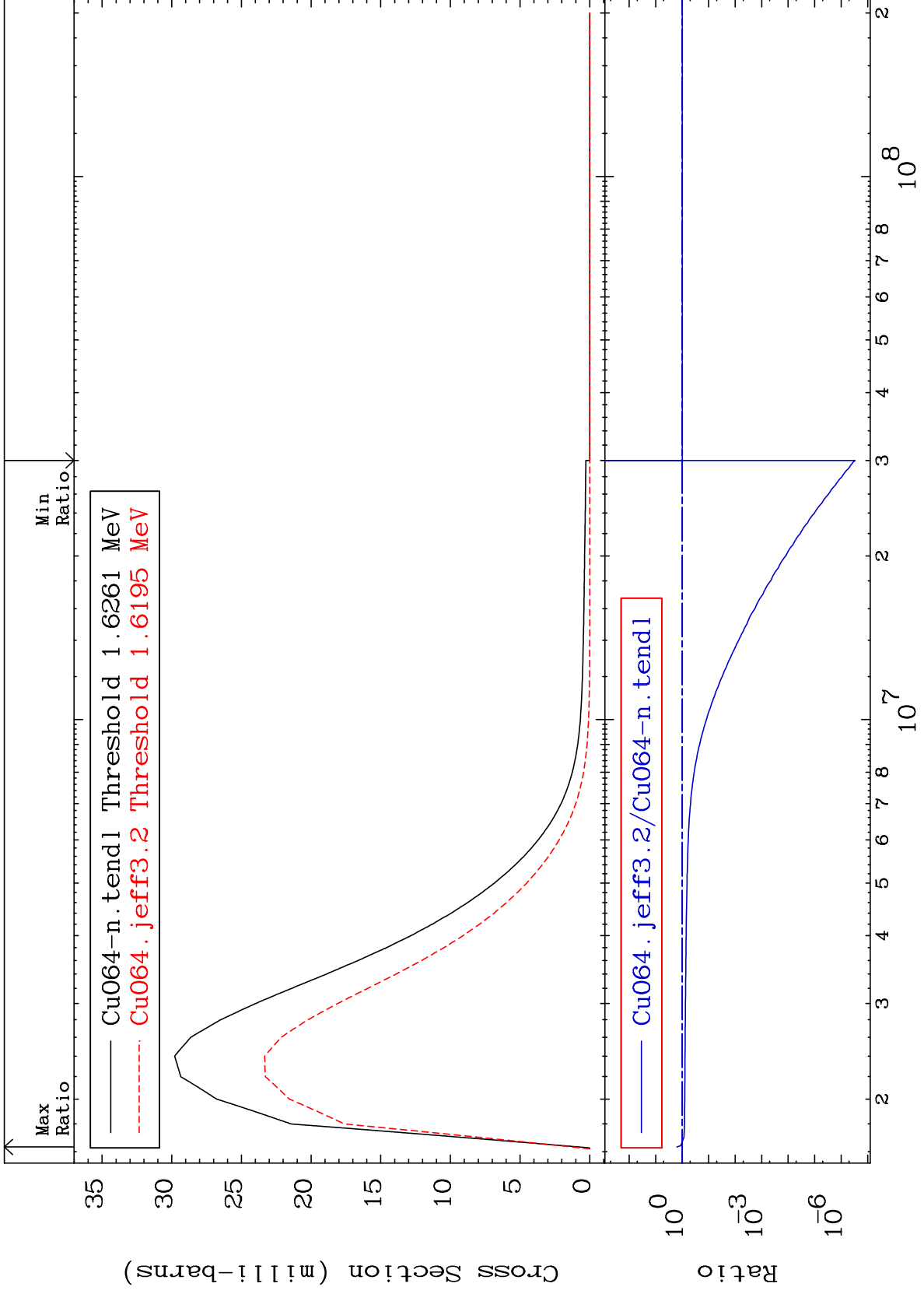
0.000 To 21.01 %



MAT 2928

1.601 MeV (n,n') Level
Cross Section

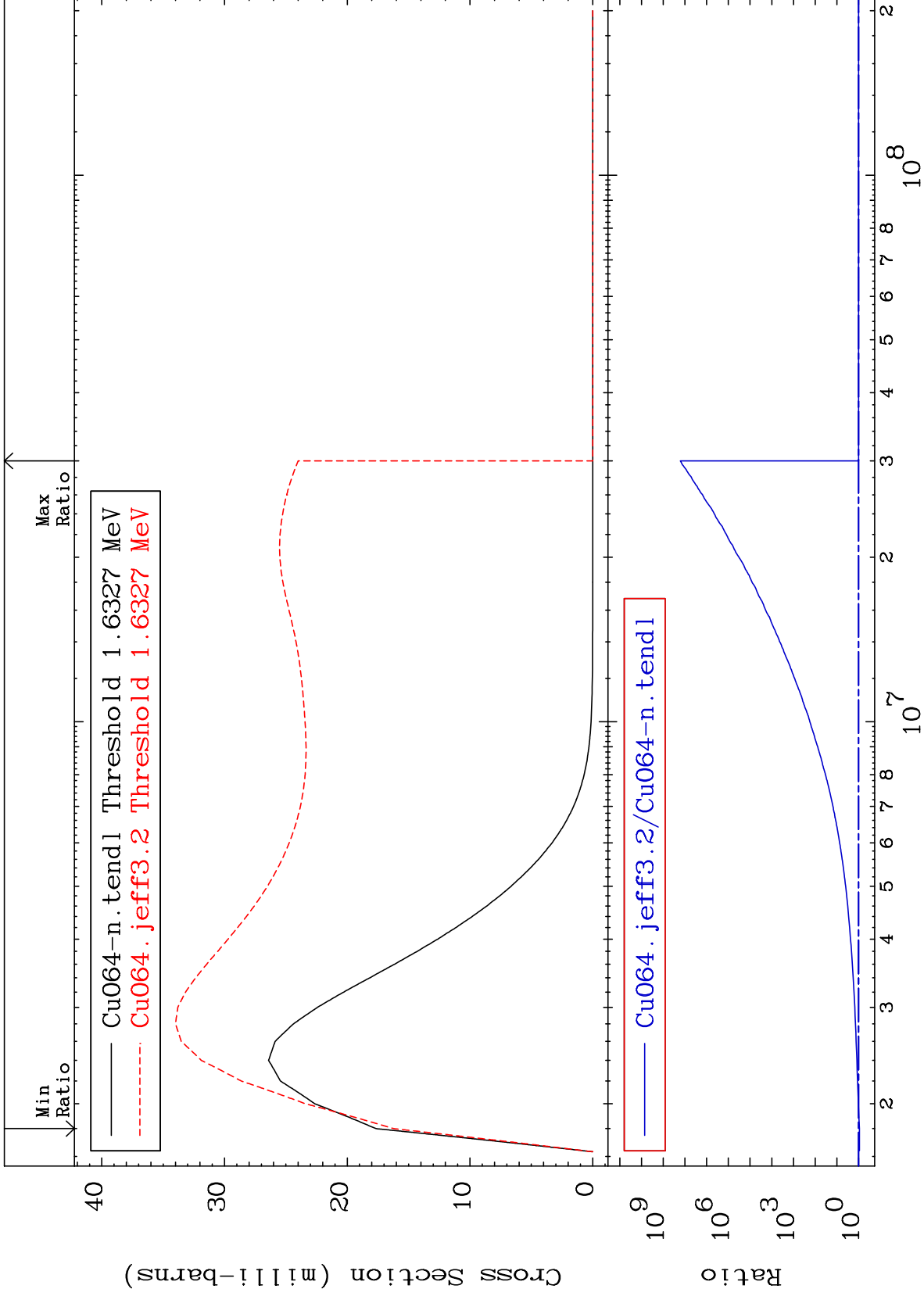
29-Cu-64
-100.0 To 58.19 %

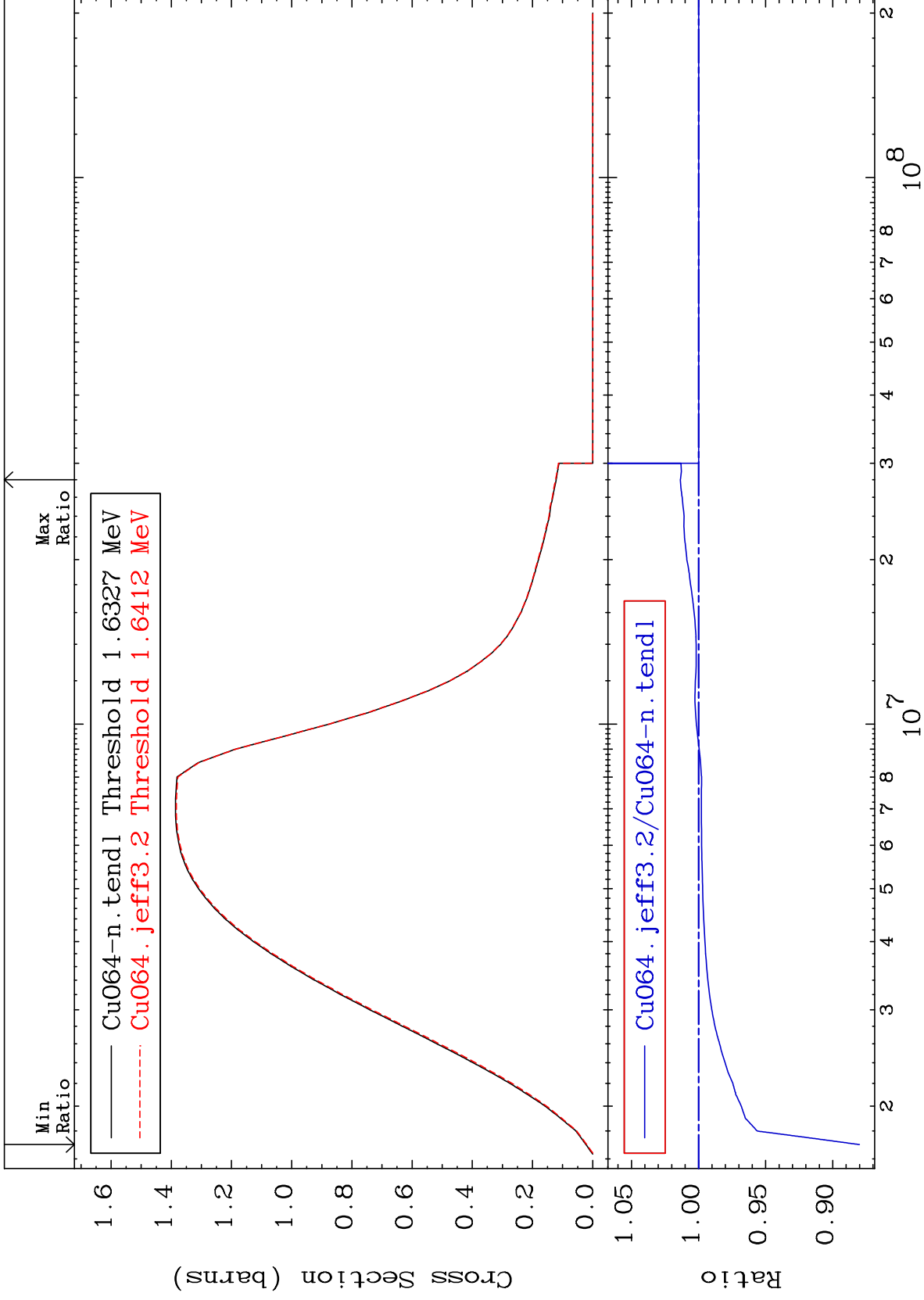


MAT 2928

1.607 MeV (n,n') Level
Cross Section

29-Cu-64
-8.157 To 9999. %

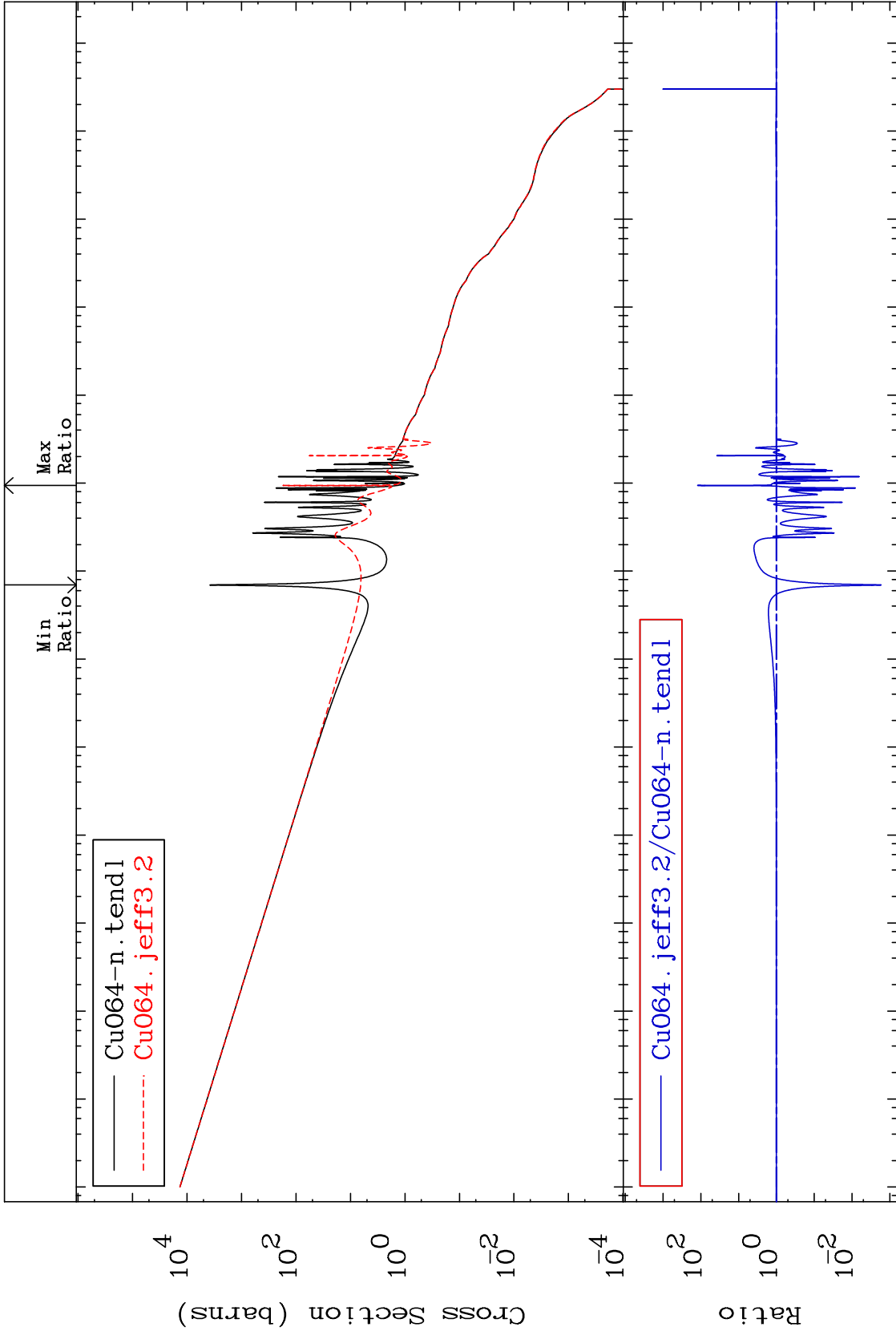




MAT 2928

(n, γ)
Cross Section

29-Cu-64
-99.83 To 9999. %



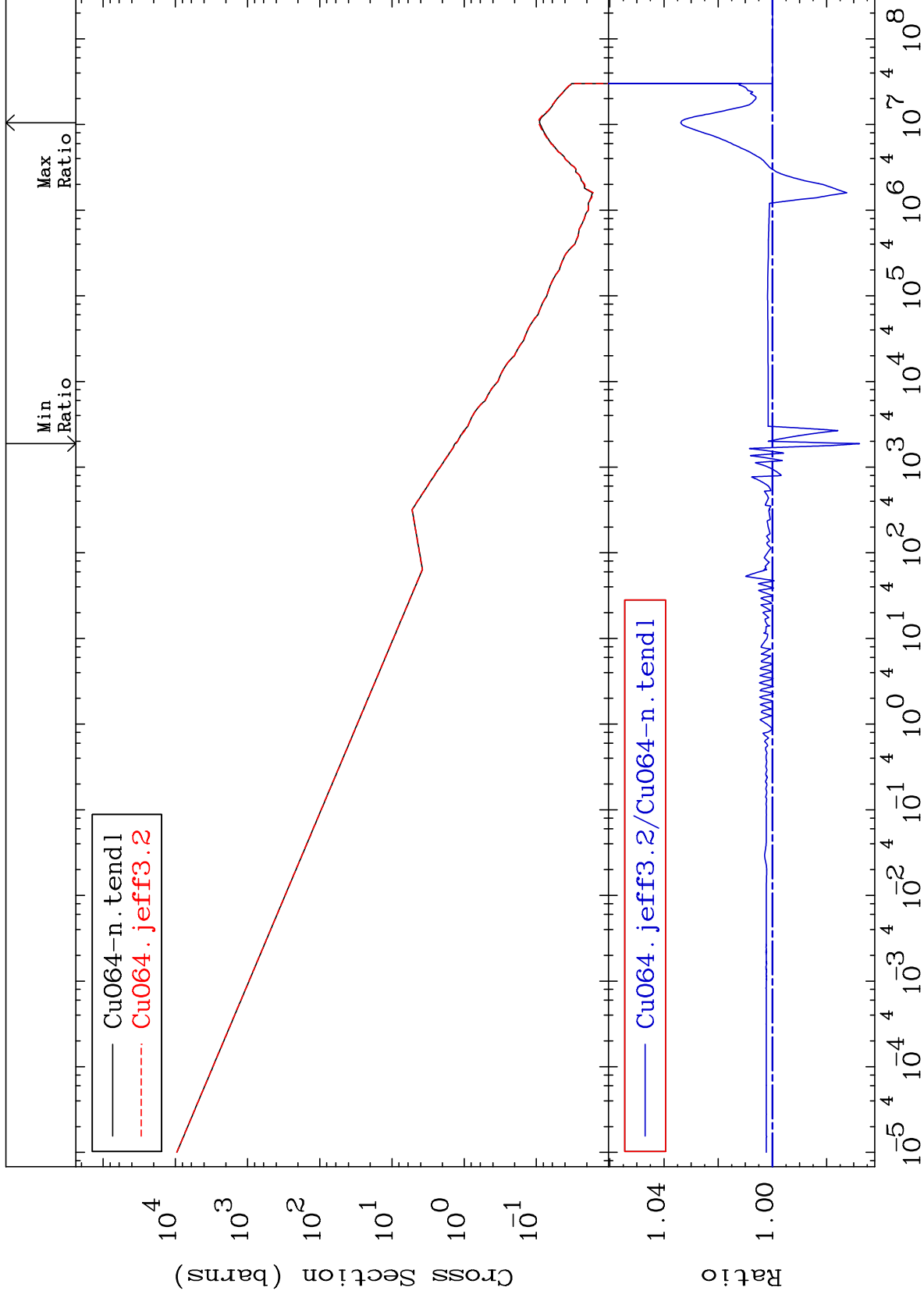
MAT 2928

(n, p)

Cross Section

29-Cu-64

-3.213 To 3.381 %



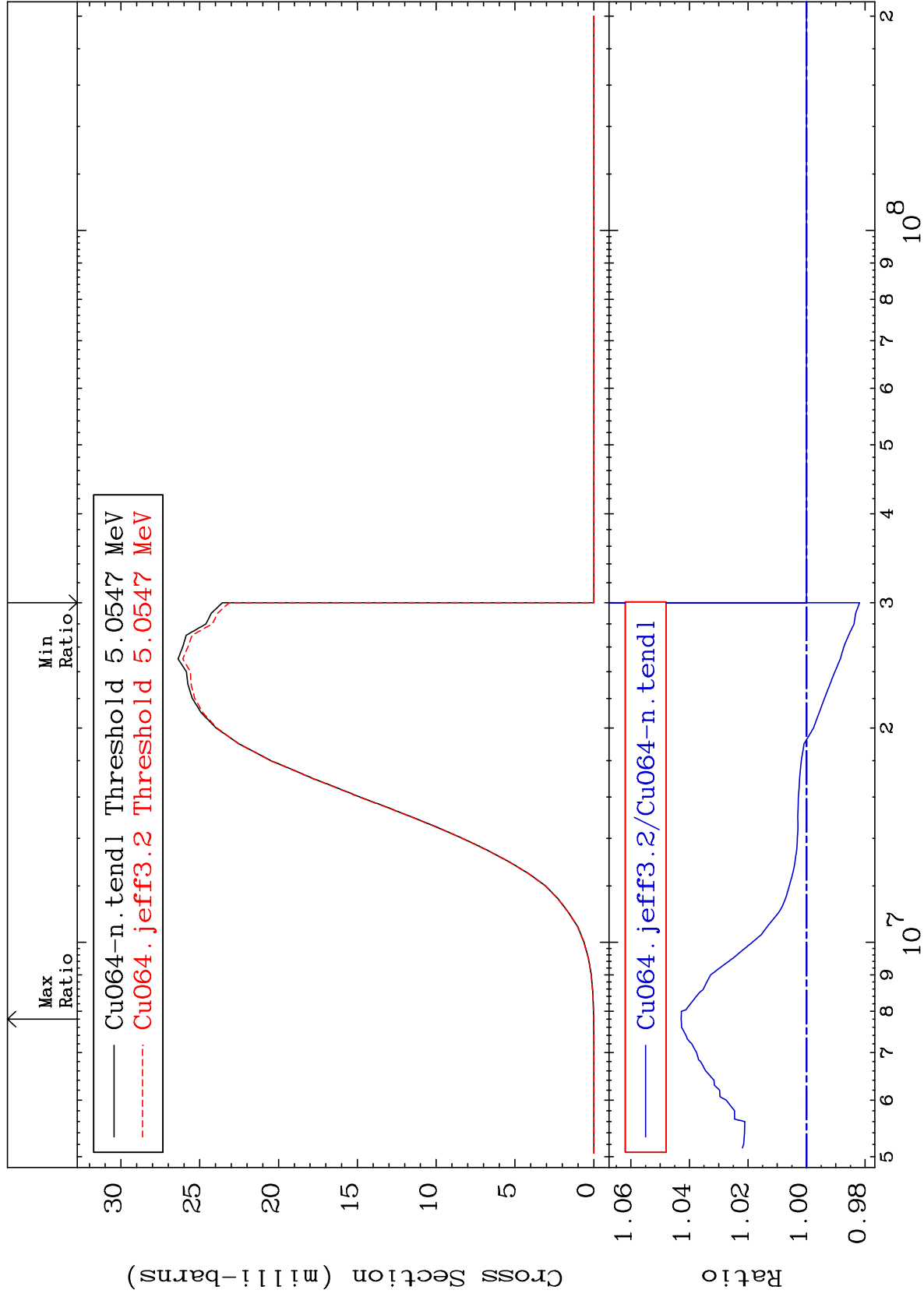
MAT 2928

(n, d)

²⁹Cu-64

Cross Section

-1.816 To 4.281 %

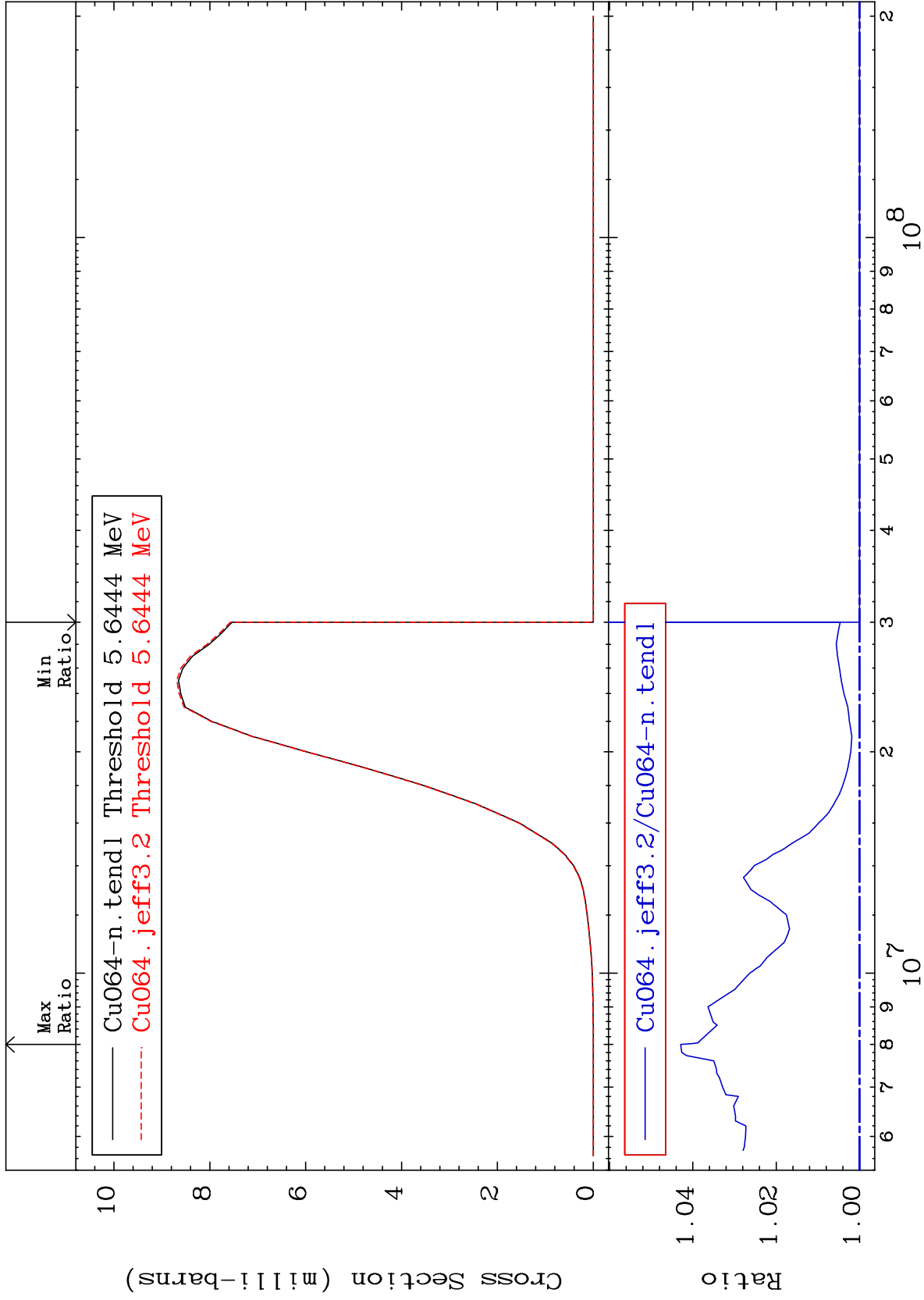


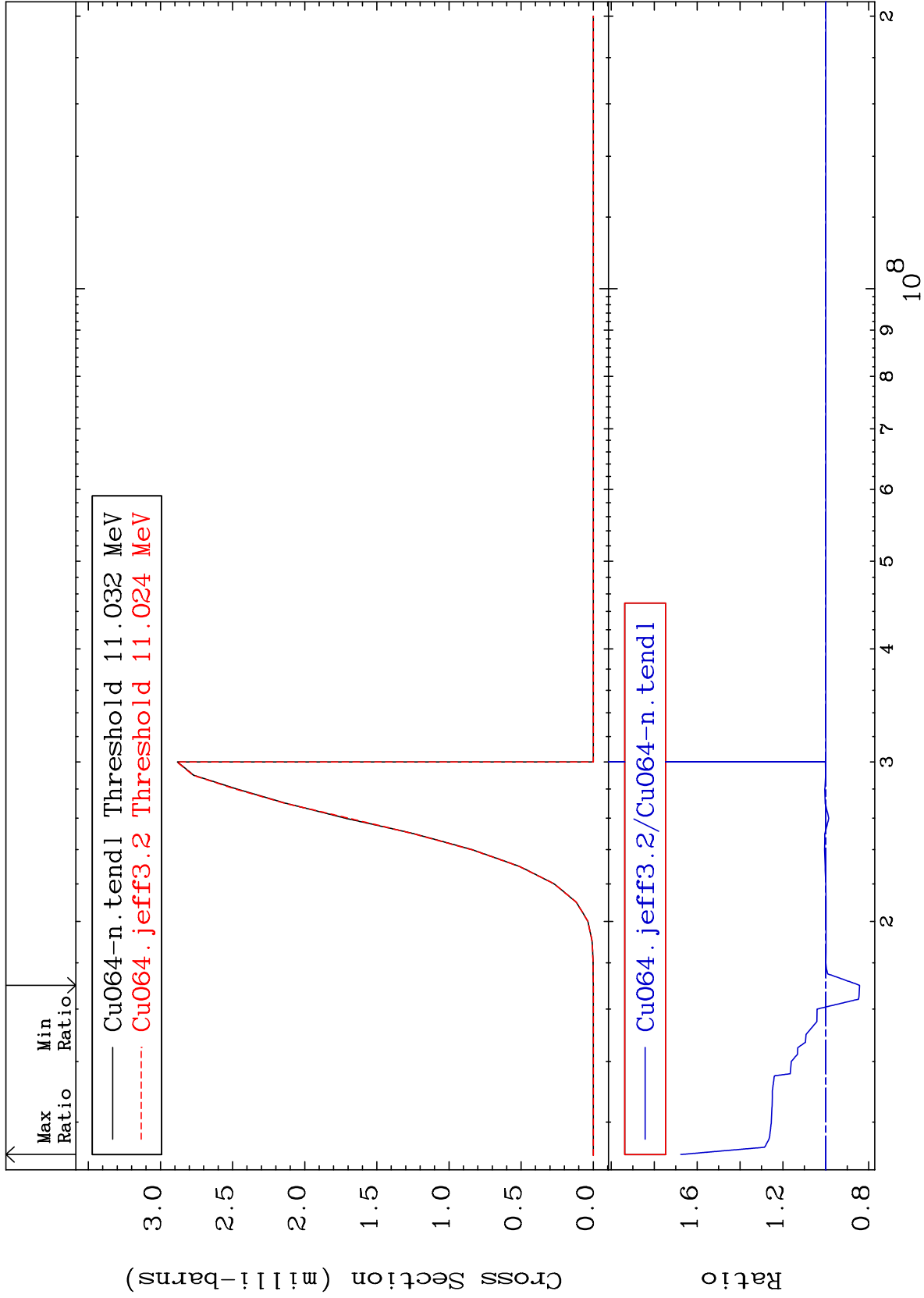
MAT 2928

²⁹-Cu-64

0.000 To 4.289 %

(n, t)
Cross Section





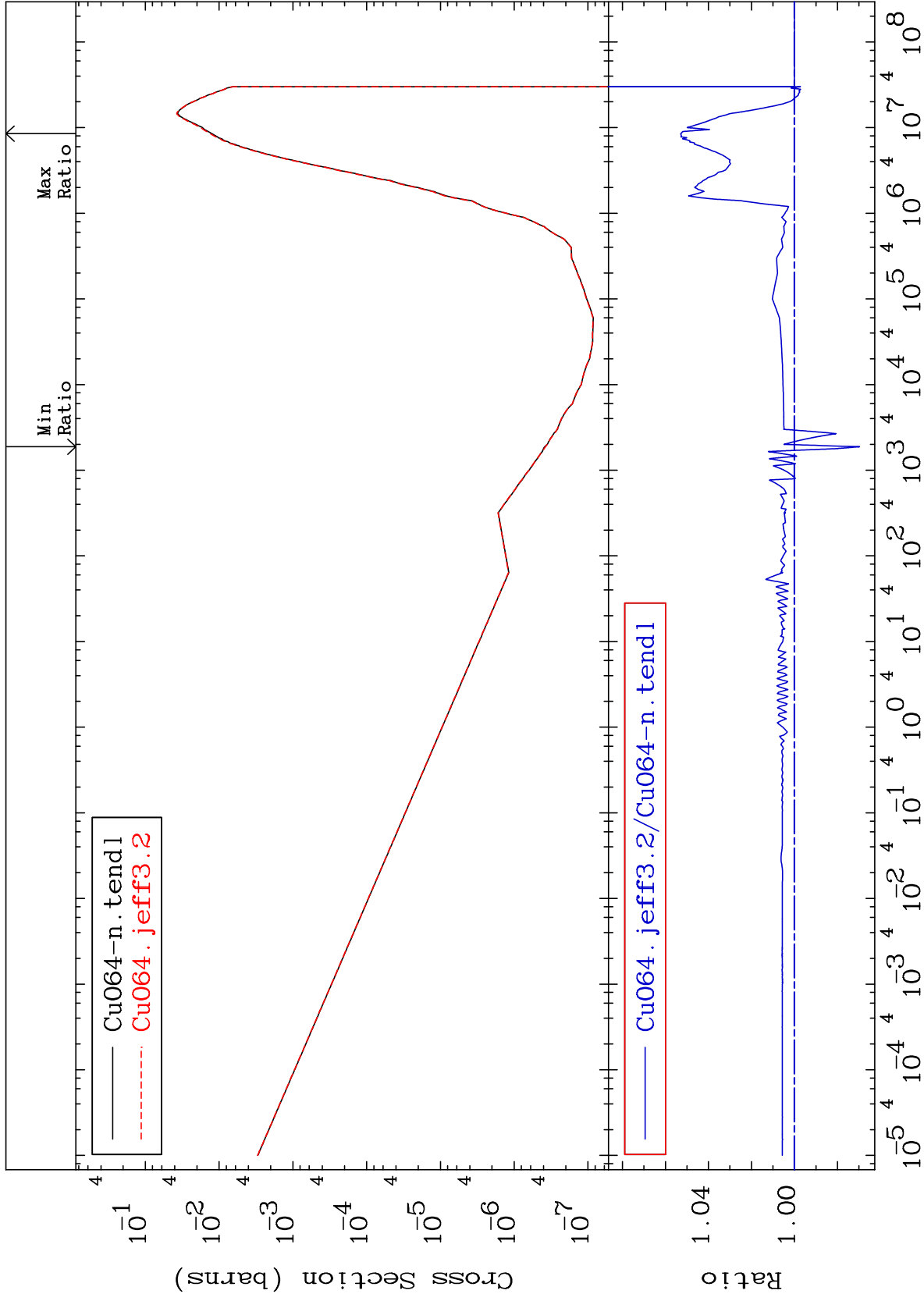
MAT 2928

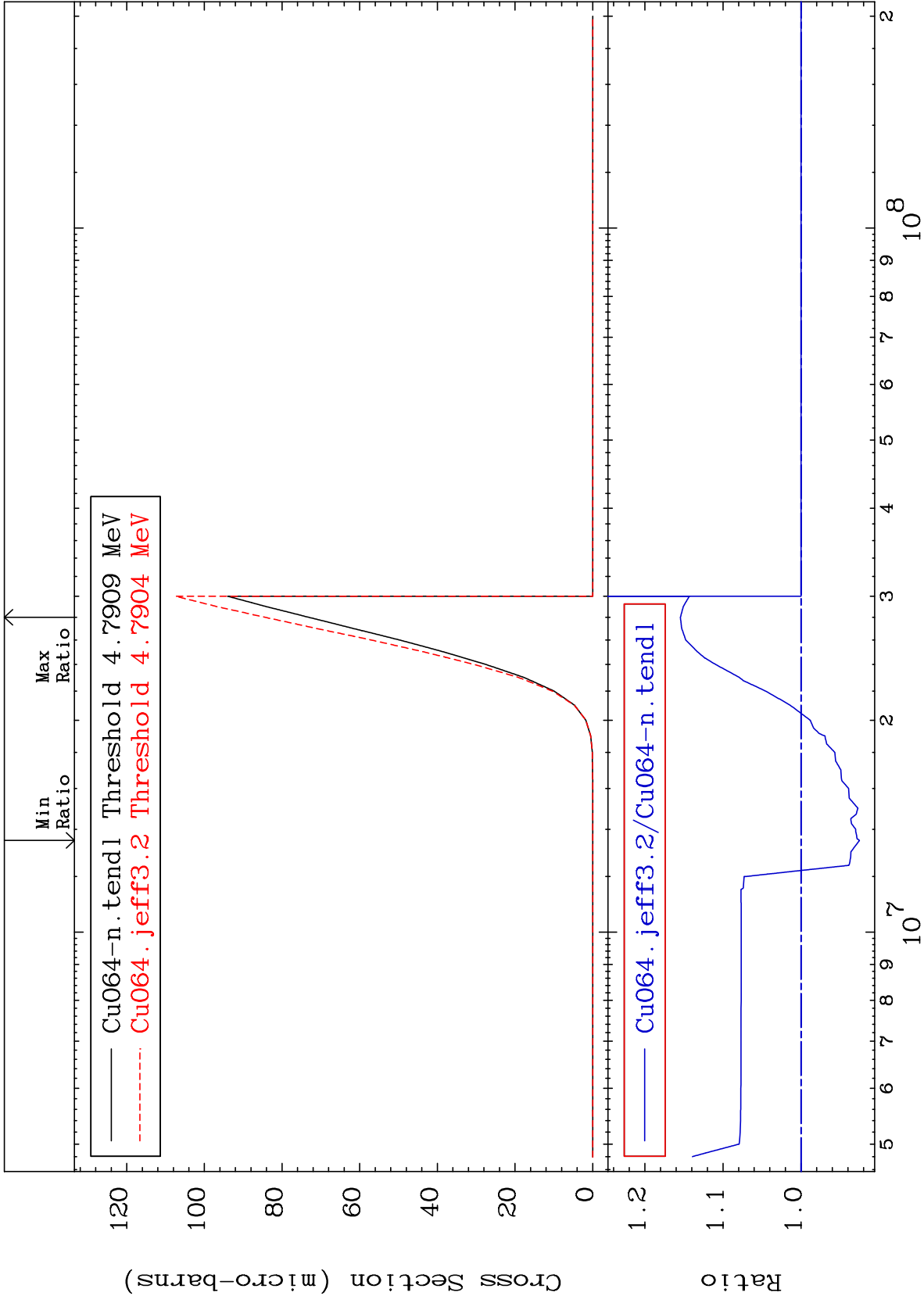
(n, α)

29-Cu-64

Cross Section

-3.026 To 5.287 %

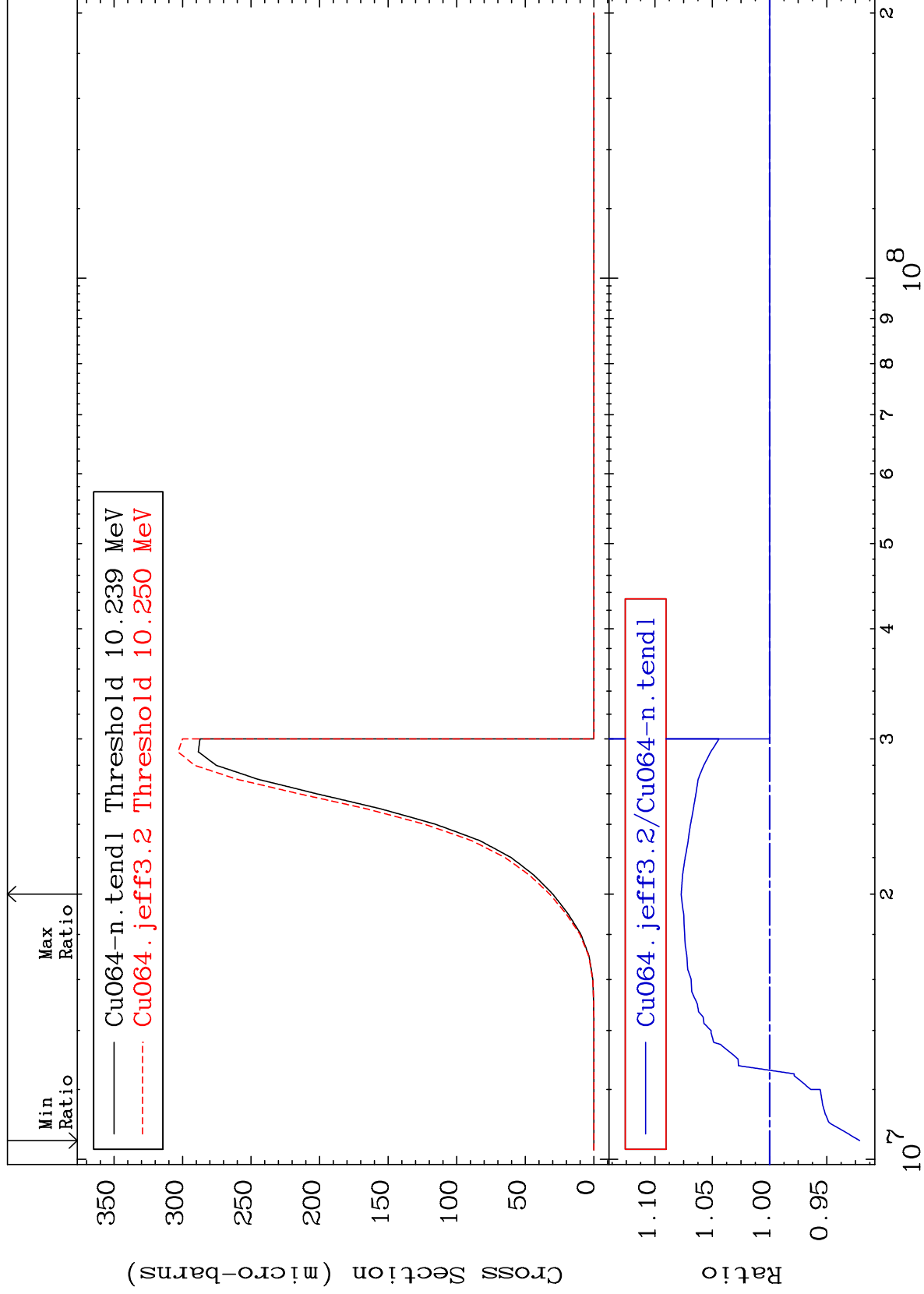




MAT 2928

(n,2p)
Cross Section

29-Cu-64
-7.861 To 7.716 %



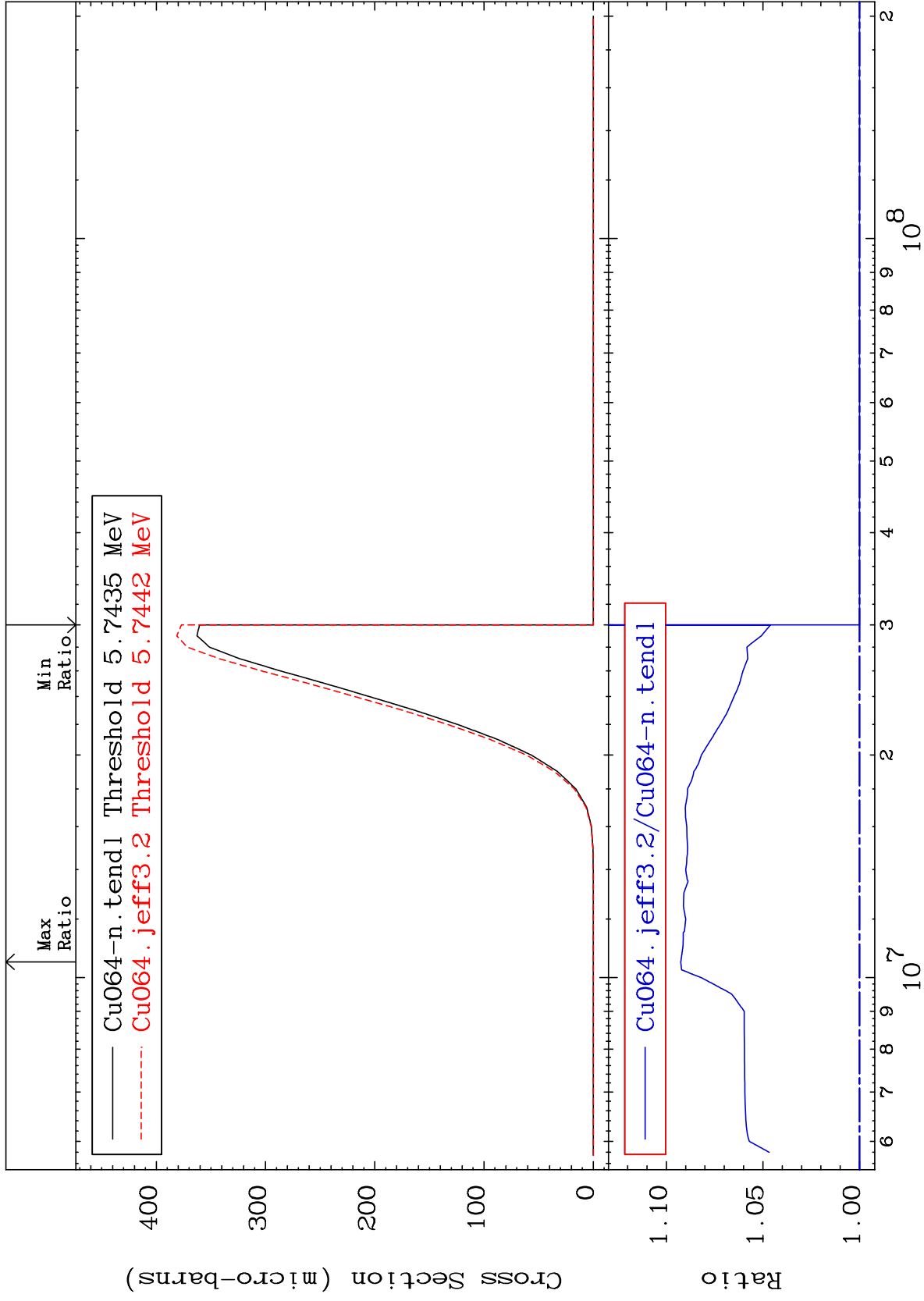
57

Incident Energy (eV)

29-Cu-64

MAT 2928

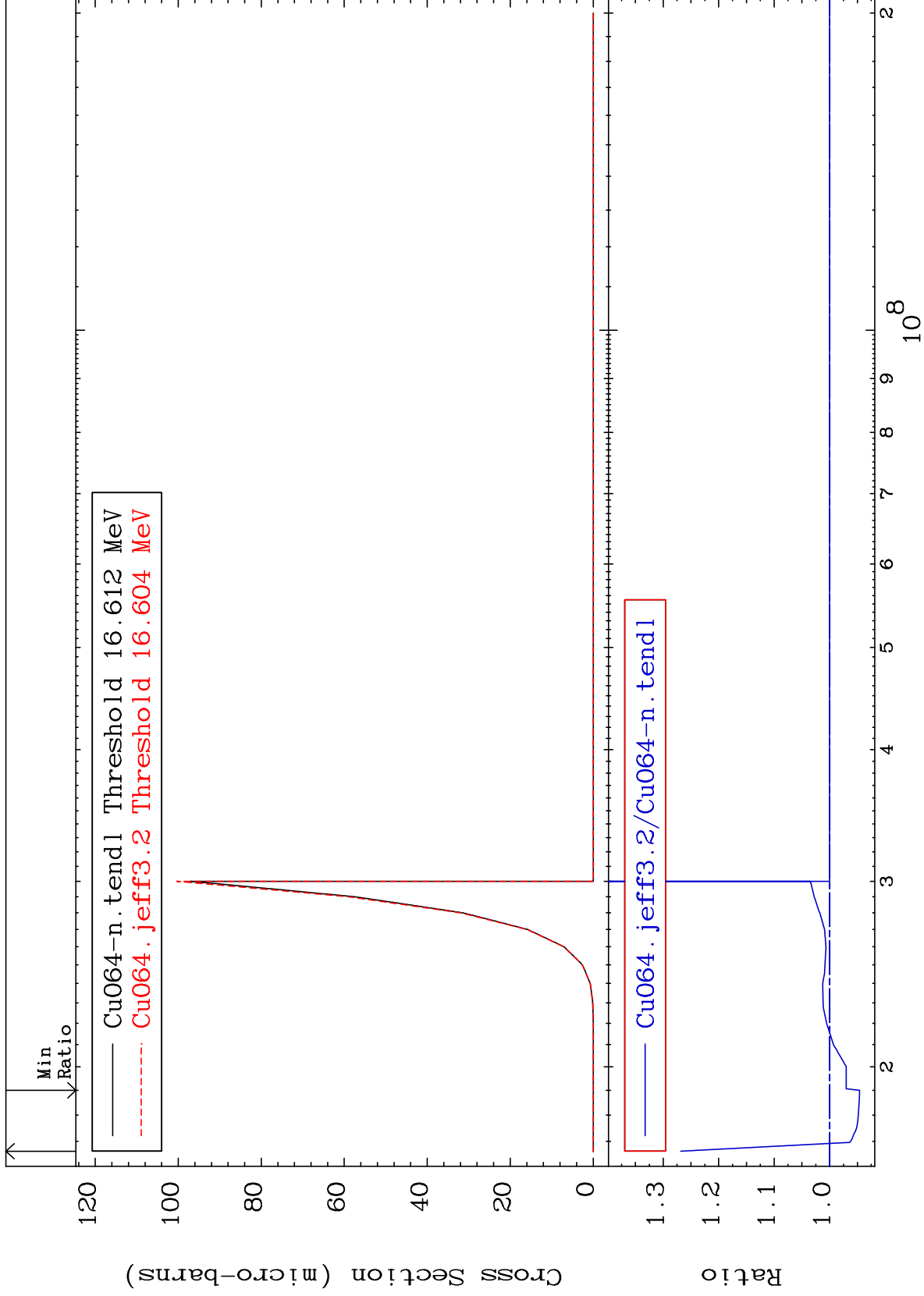
(n, p) α
Cross Section
0.000 To 9.251 %
29-Cu-64



58

Incident Energy (eV)

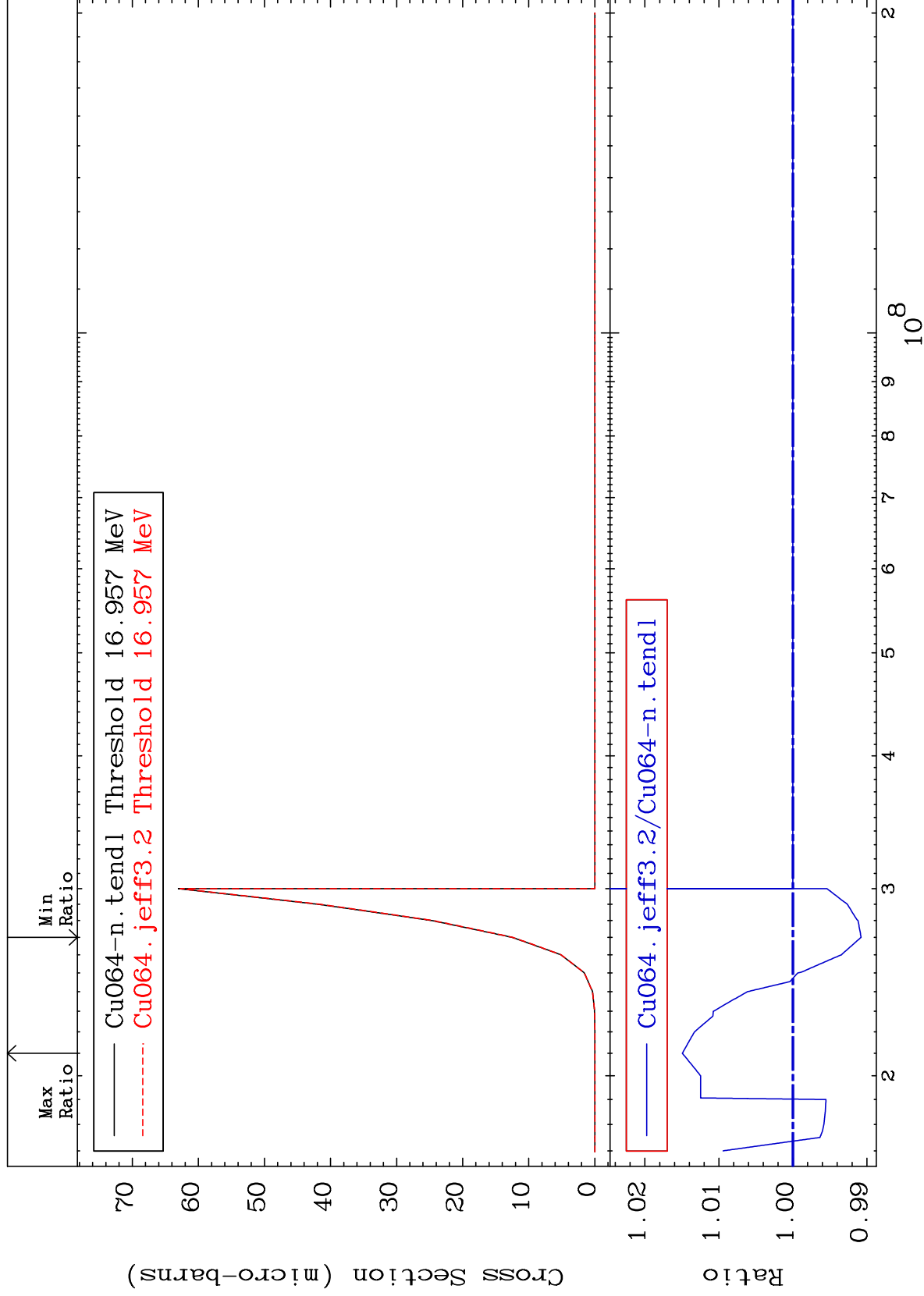
29-Cu-64



MAT 2928

(n,p) t
Cross Section

²⁹Cu-64
-0.922 To 1.494 %



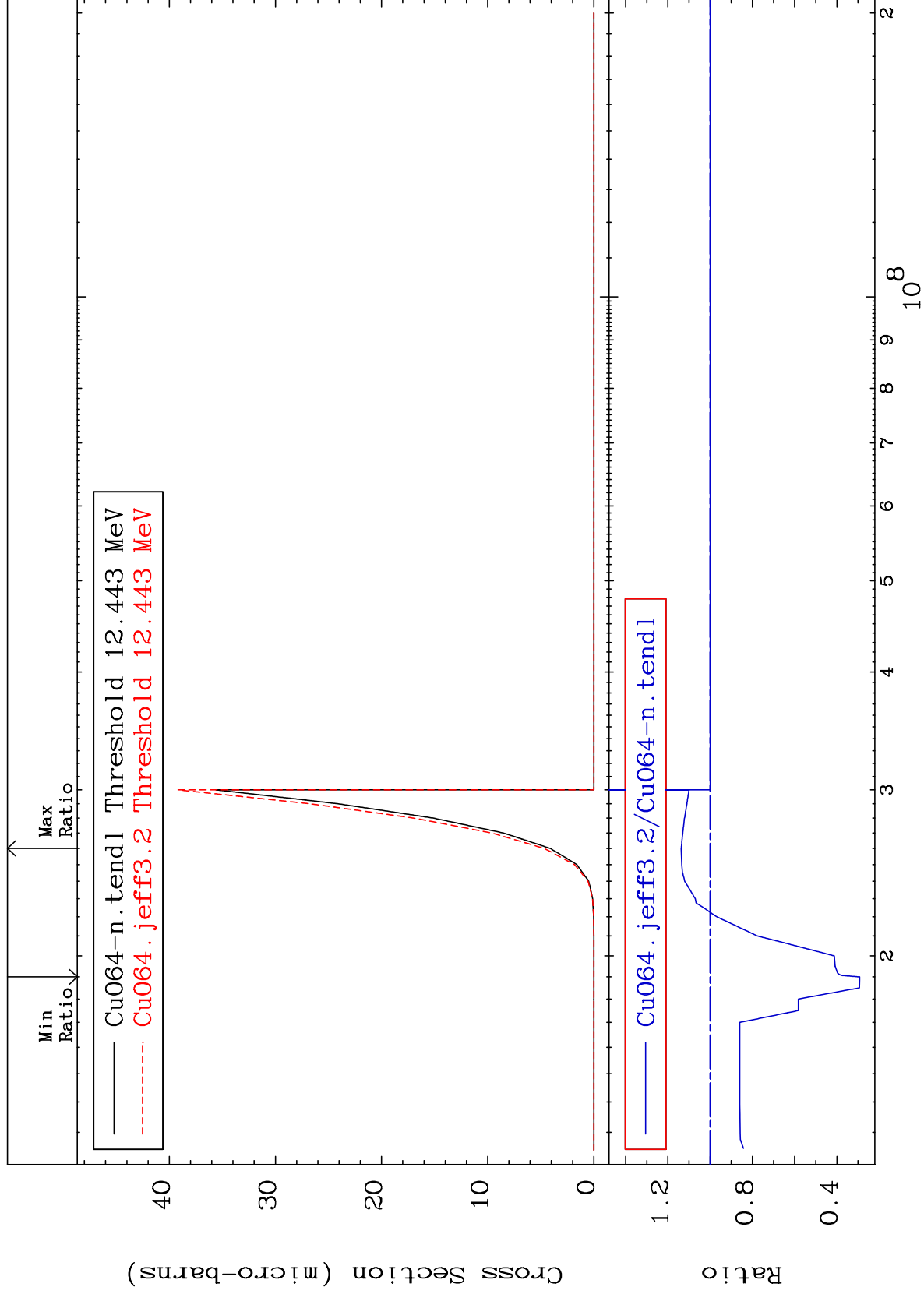
60

²⁹Cu-64

MAT 2928

(n, d) α
Cross Section

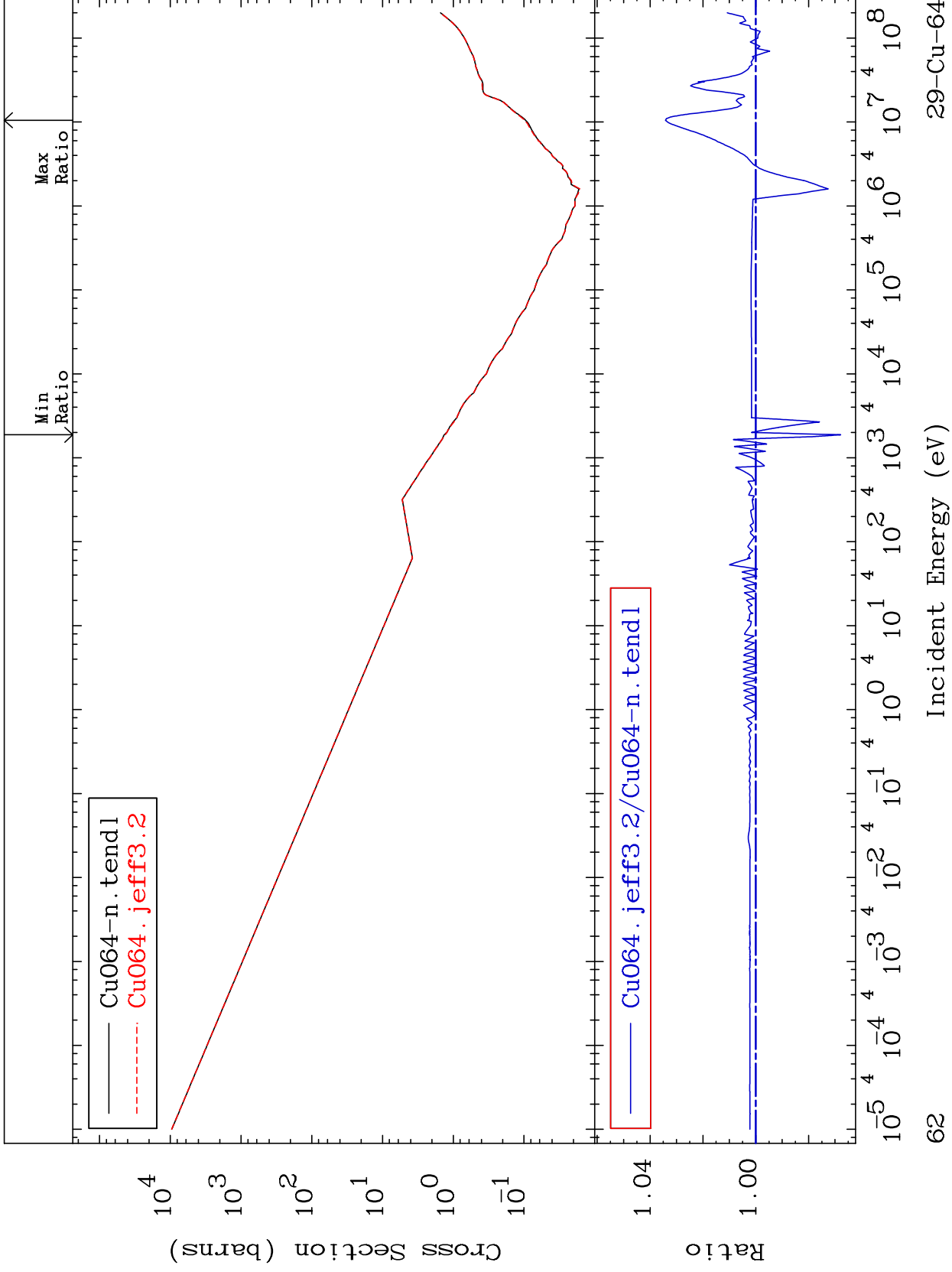
²⁹Cu-64
-70.77 To 13.72 %



MAT 2928

Hydrogen Production Cross Section

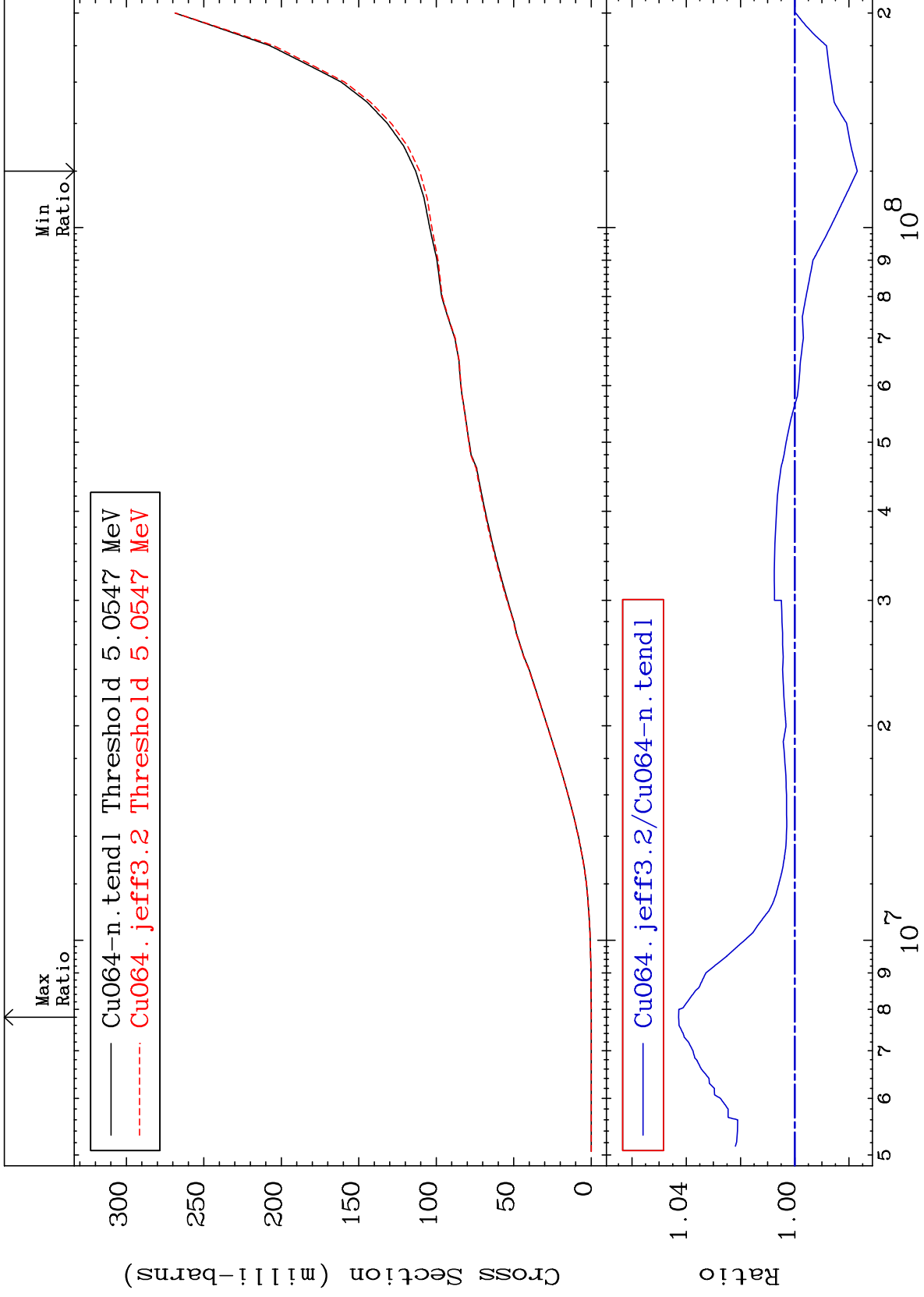
29-Cu-64
-3.213 To 3.416 %



MAT 2928

Deuterium Production
Cross Section

²⁹-Cu-64
-2.303 To 4.281 %



63

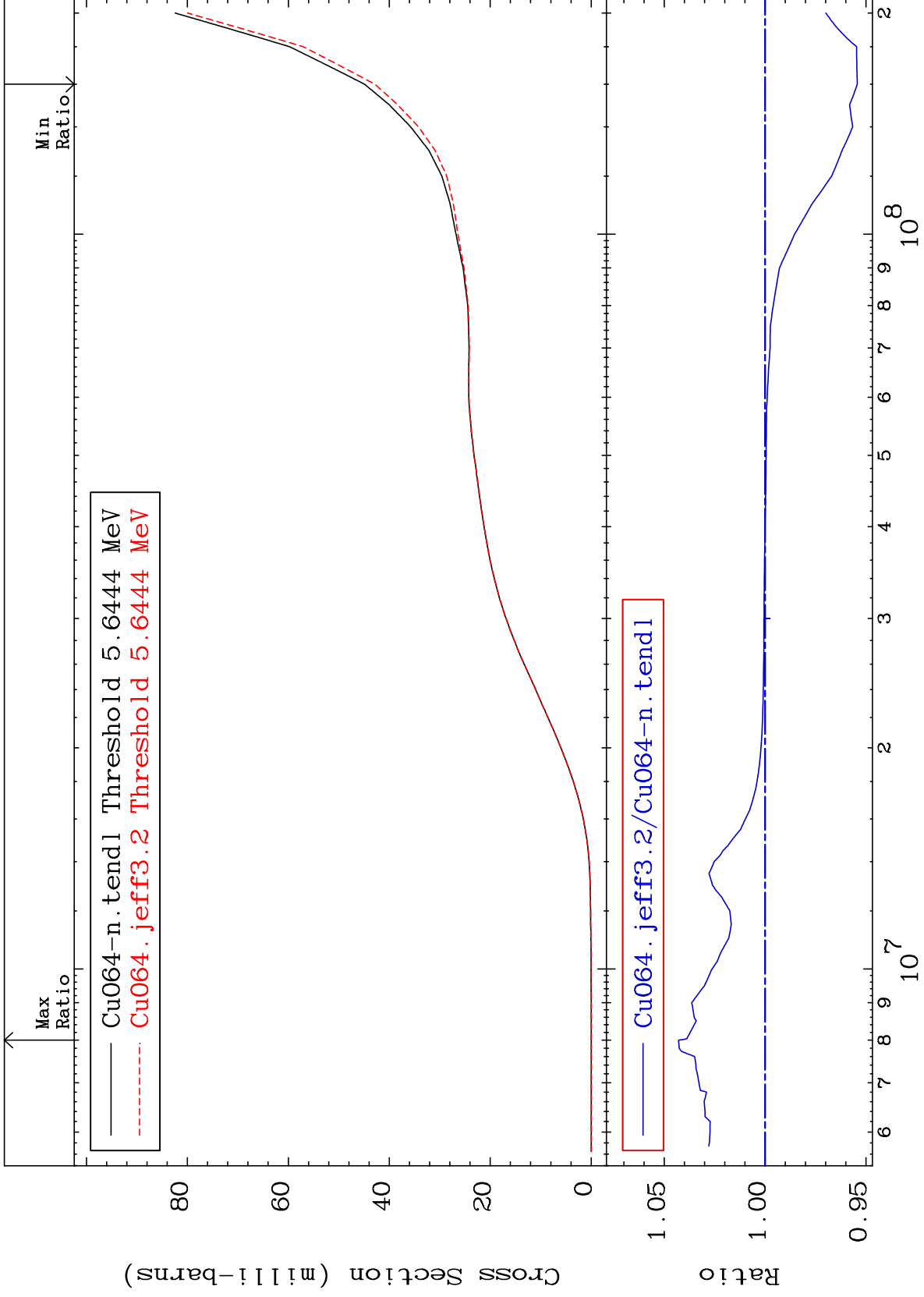
Incident Energy (eV)

²⁹-Cu-64

MAT 2928

Tritium Production
Cross Section

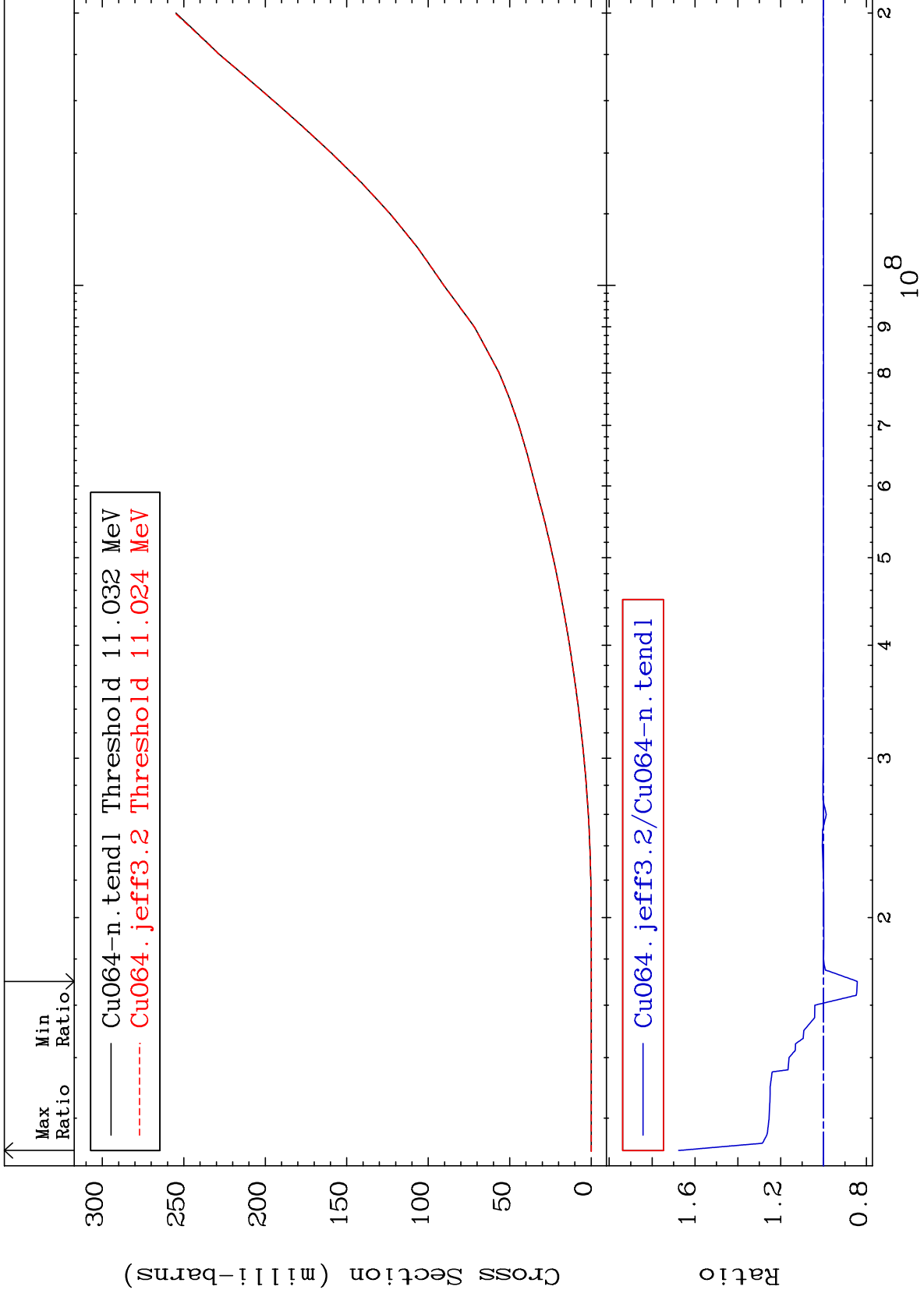
²⁹Cu-64
-4.568 To 4.289 %



64

Incident Energy (eV)

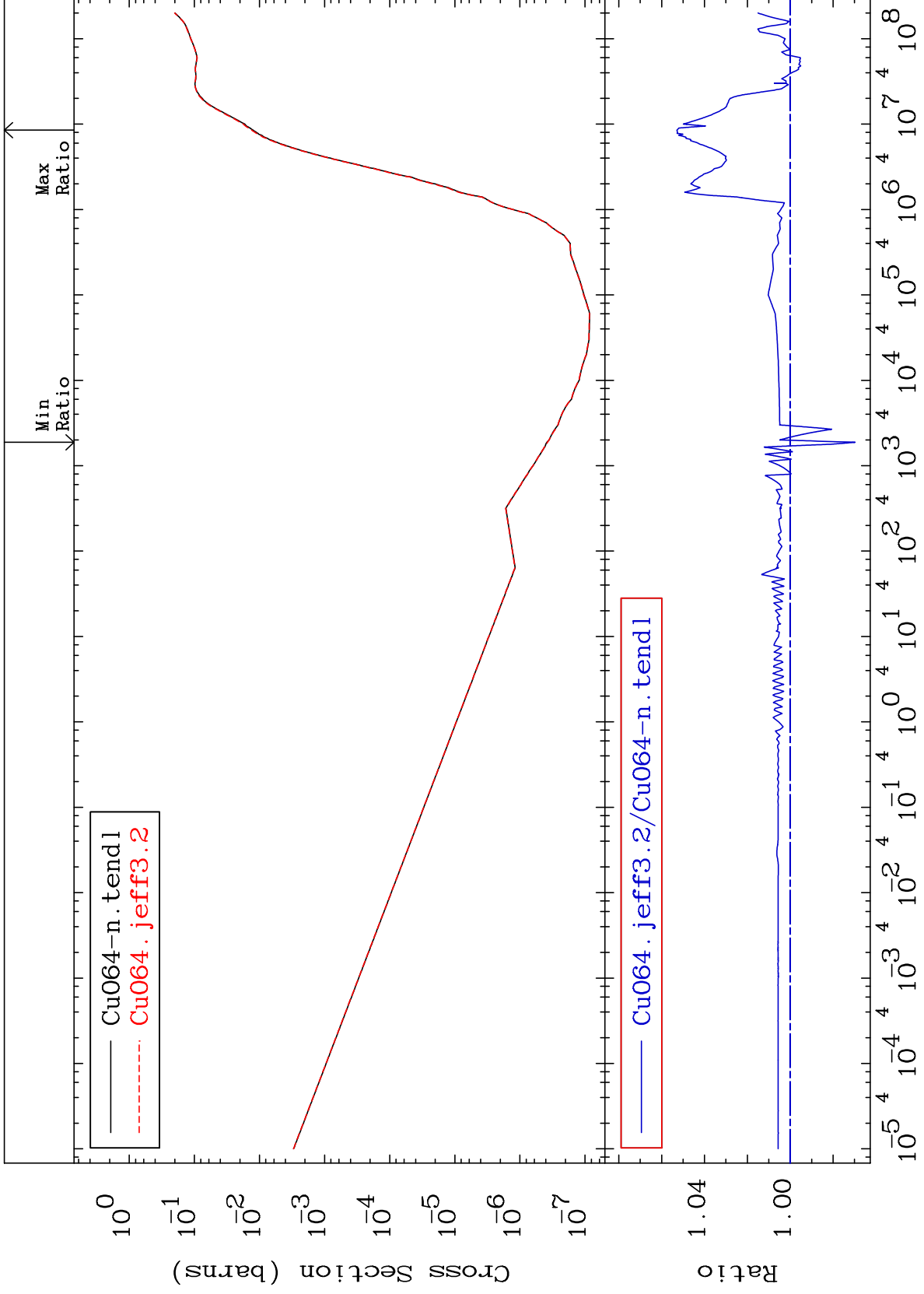
²⁹Cu-64



MAT 2928

He-4 Production
Cross Section

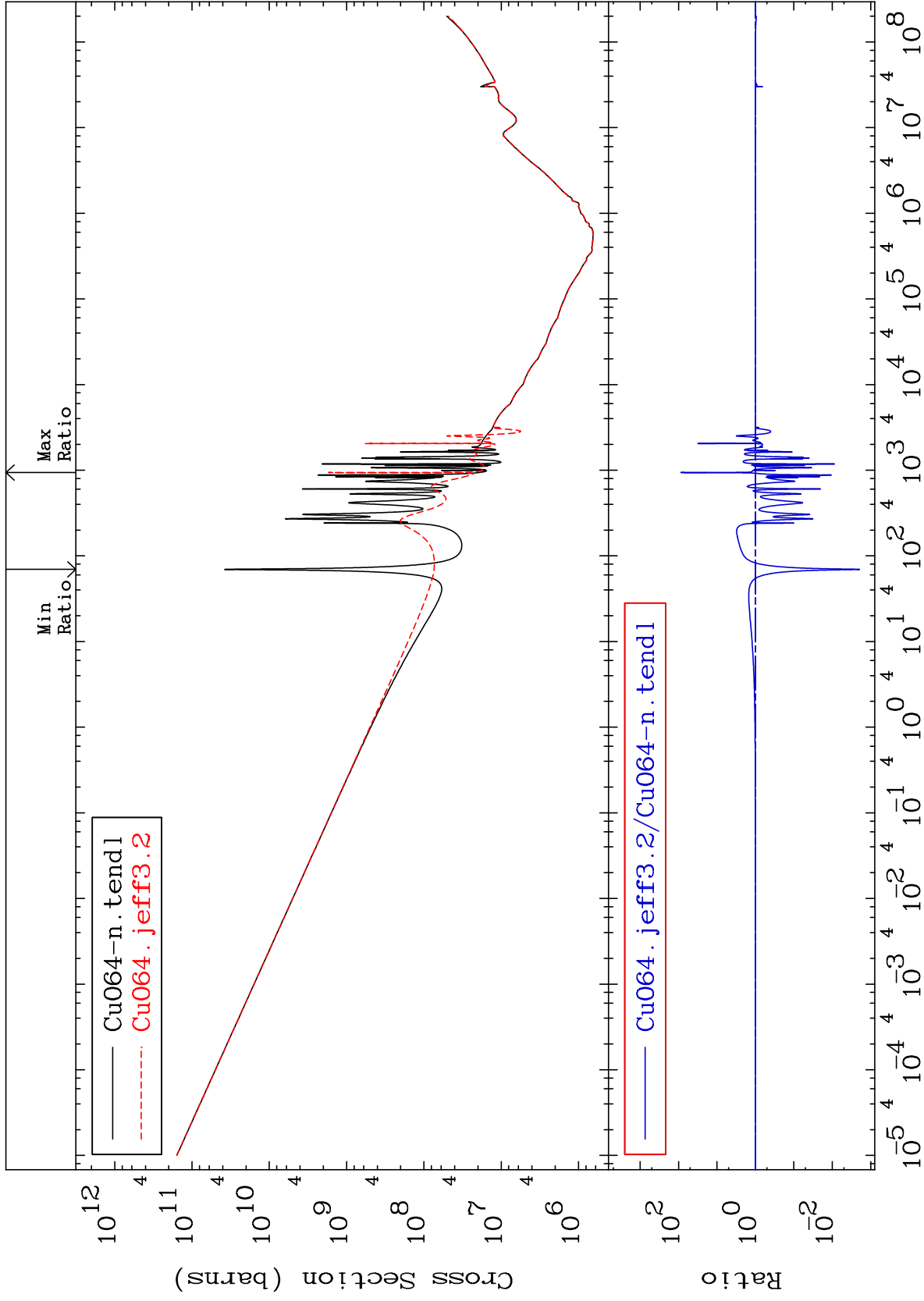
29-Cu-64
-3.026 To 5.287 %

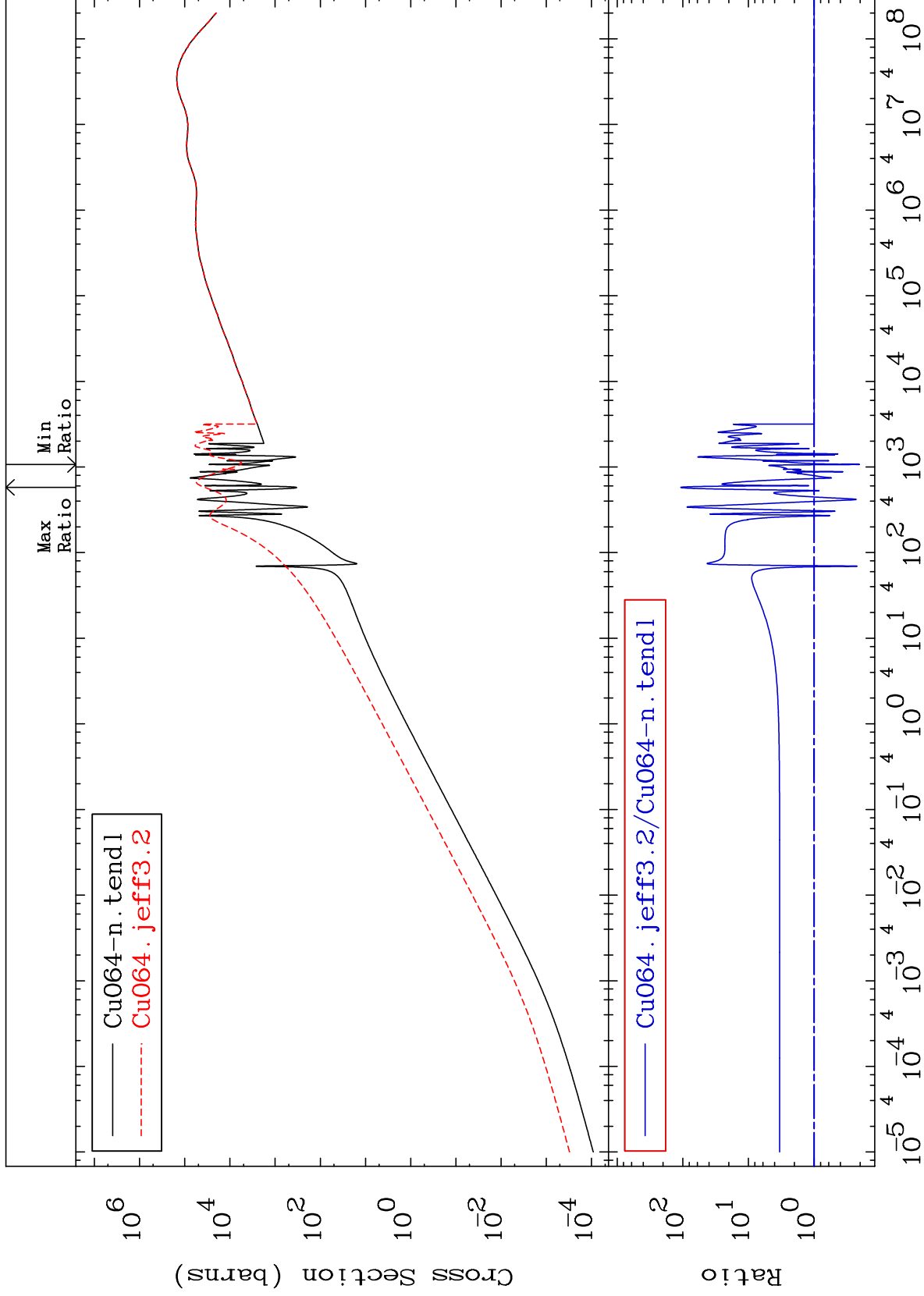


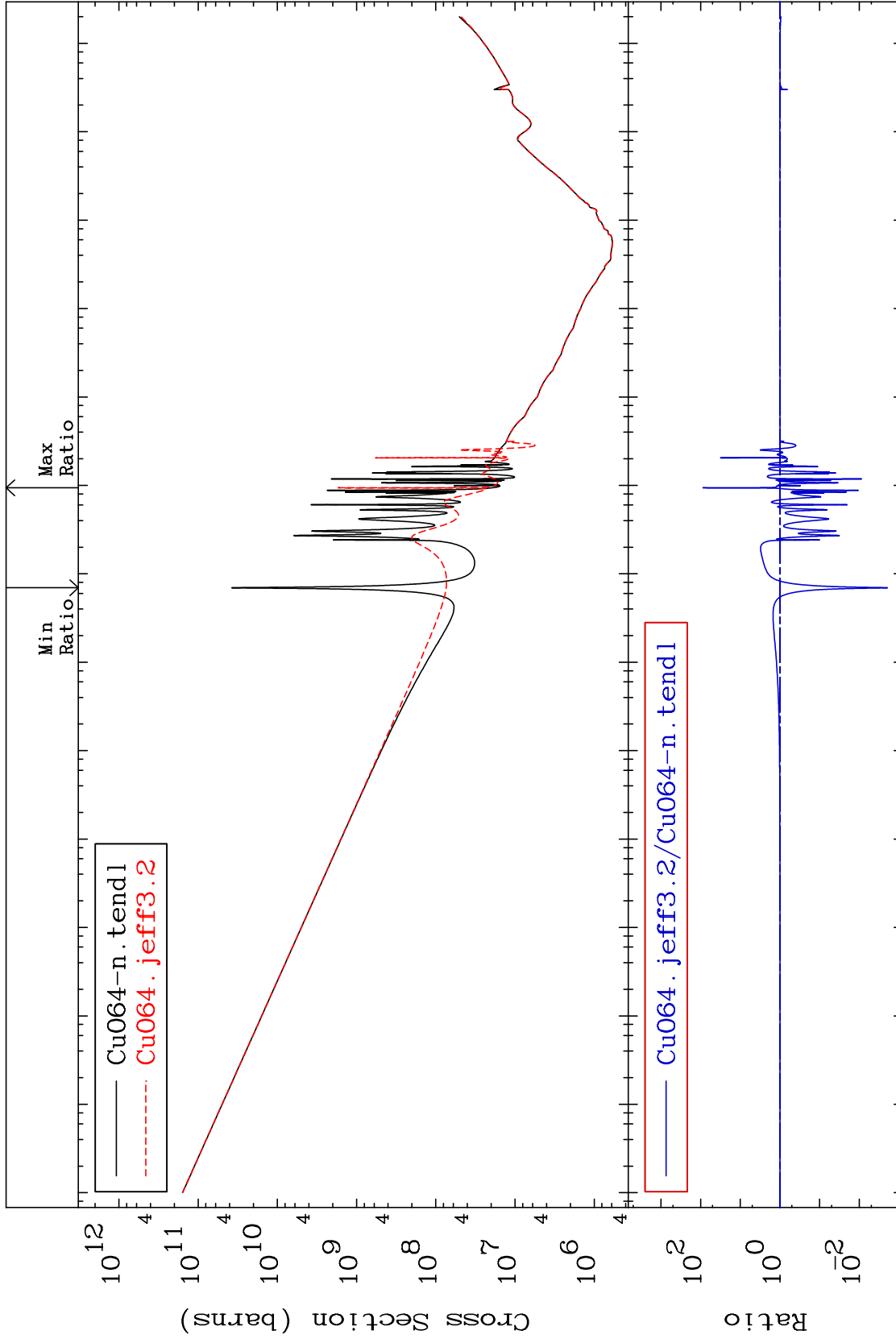
66

Incident Energy (eV)

29-Cu-64



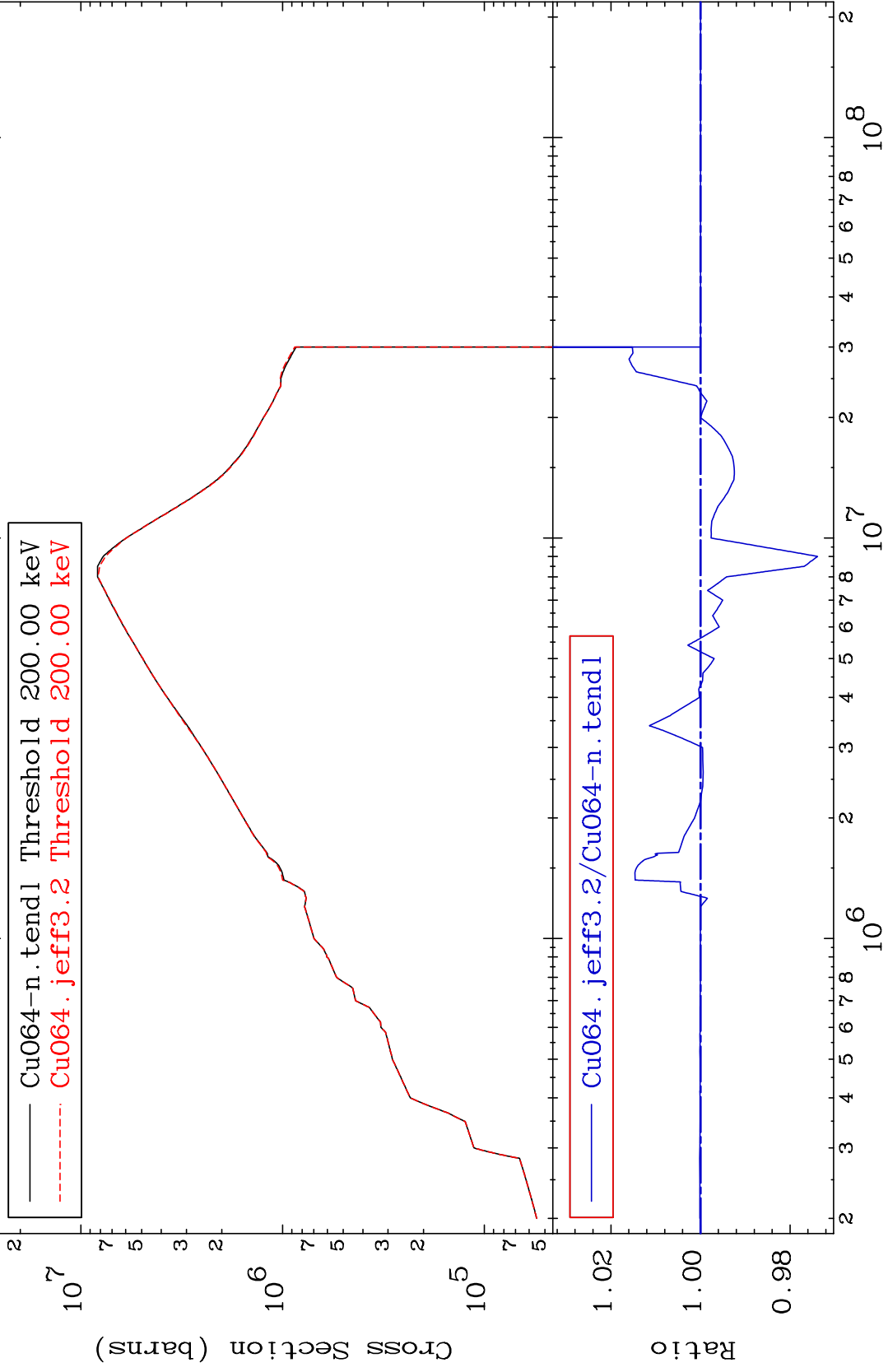




MAT 2928

Kerma inelastic (mt51-91)
Cross Section

29-Cu-64
-2.614 To 1.596 %



70

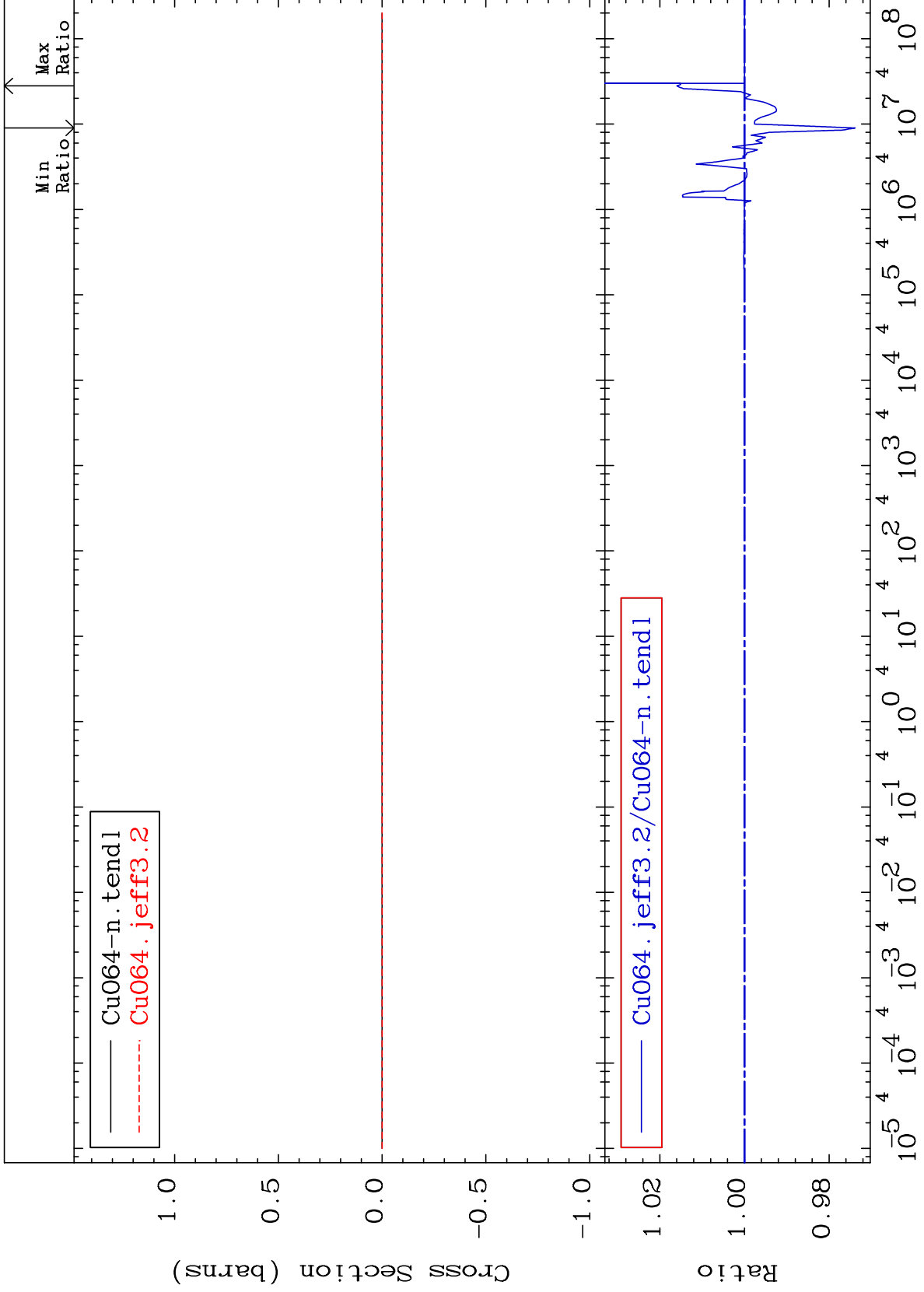
Incident Energy (eV)

29-Cu-64

MAT 2928

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

29-Cu-64
-2.614 To 1.596 %



71

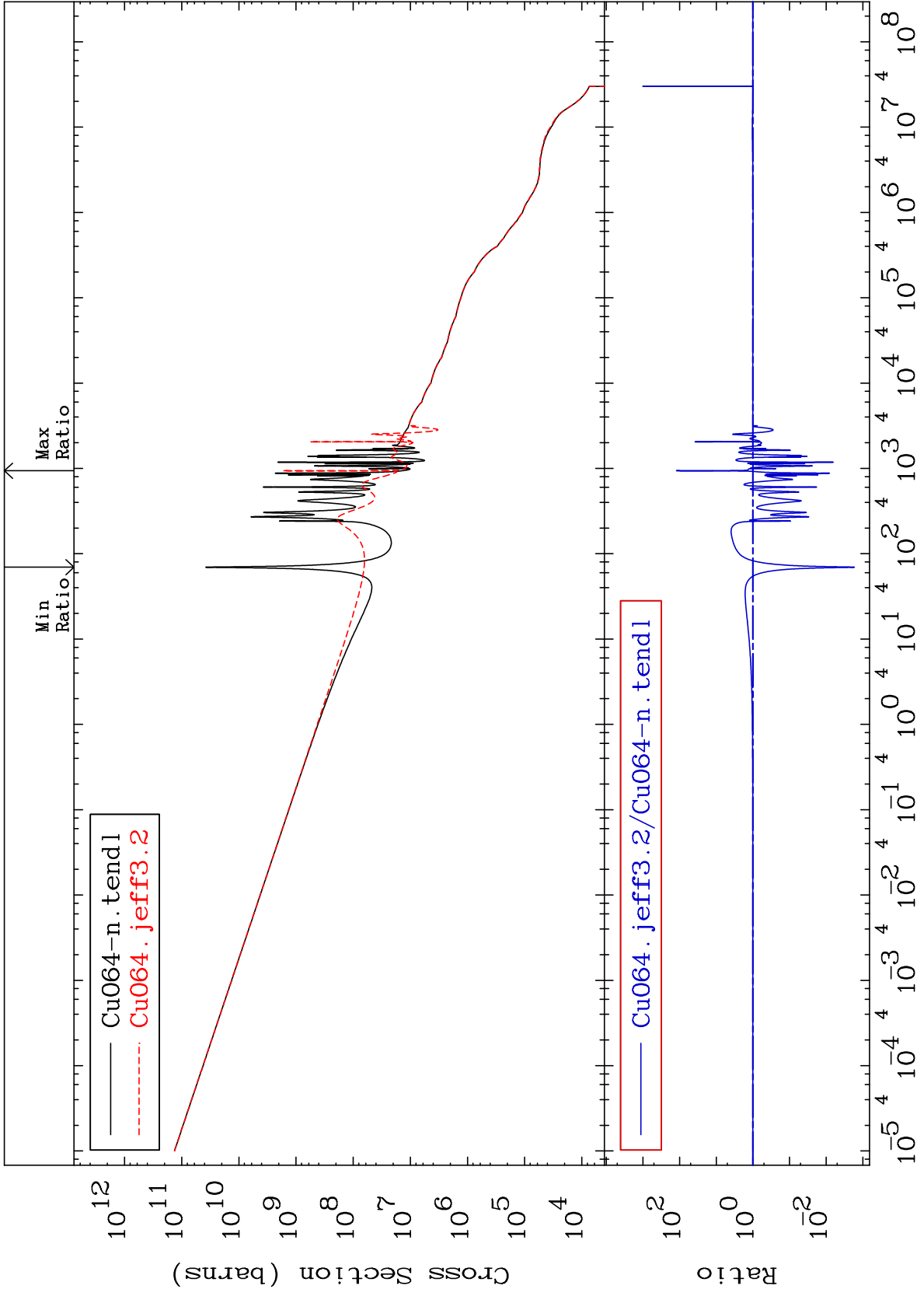
Incident Energy (eV)

29-Cu-64

MAT 2928

Kerma capture (mt102)
Cross Section

29-Cu-64
-99.83 To 9999. %



72

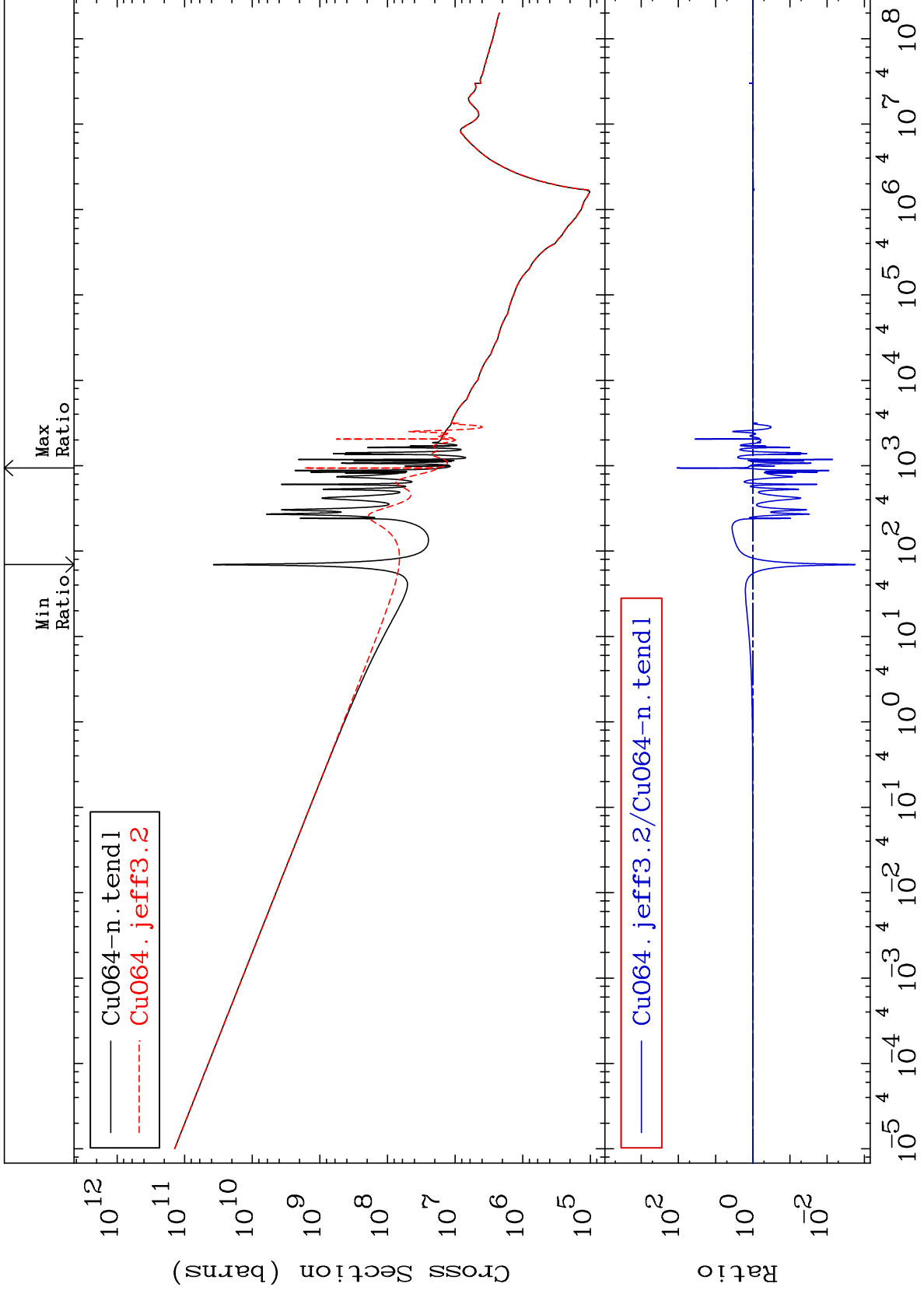
Incident Energy (eV)

29-Cu-64

MAT 2928

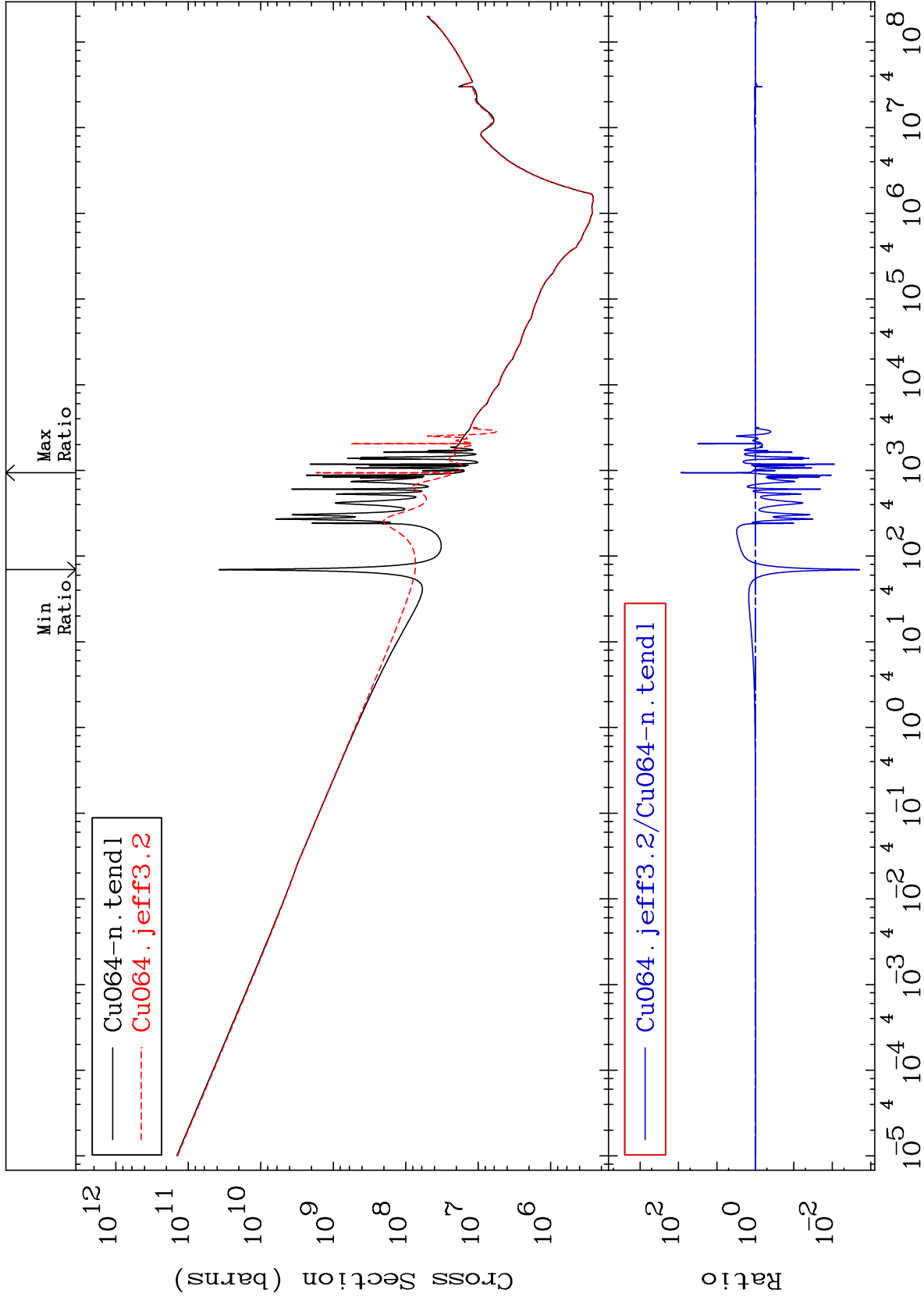
Total photon (eV-barns)
Cross Section

29-Cu-64
-99.82 To 9999. %



73

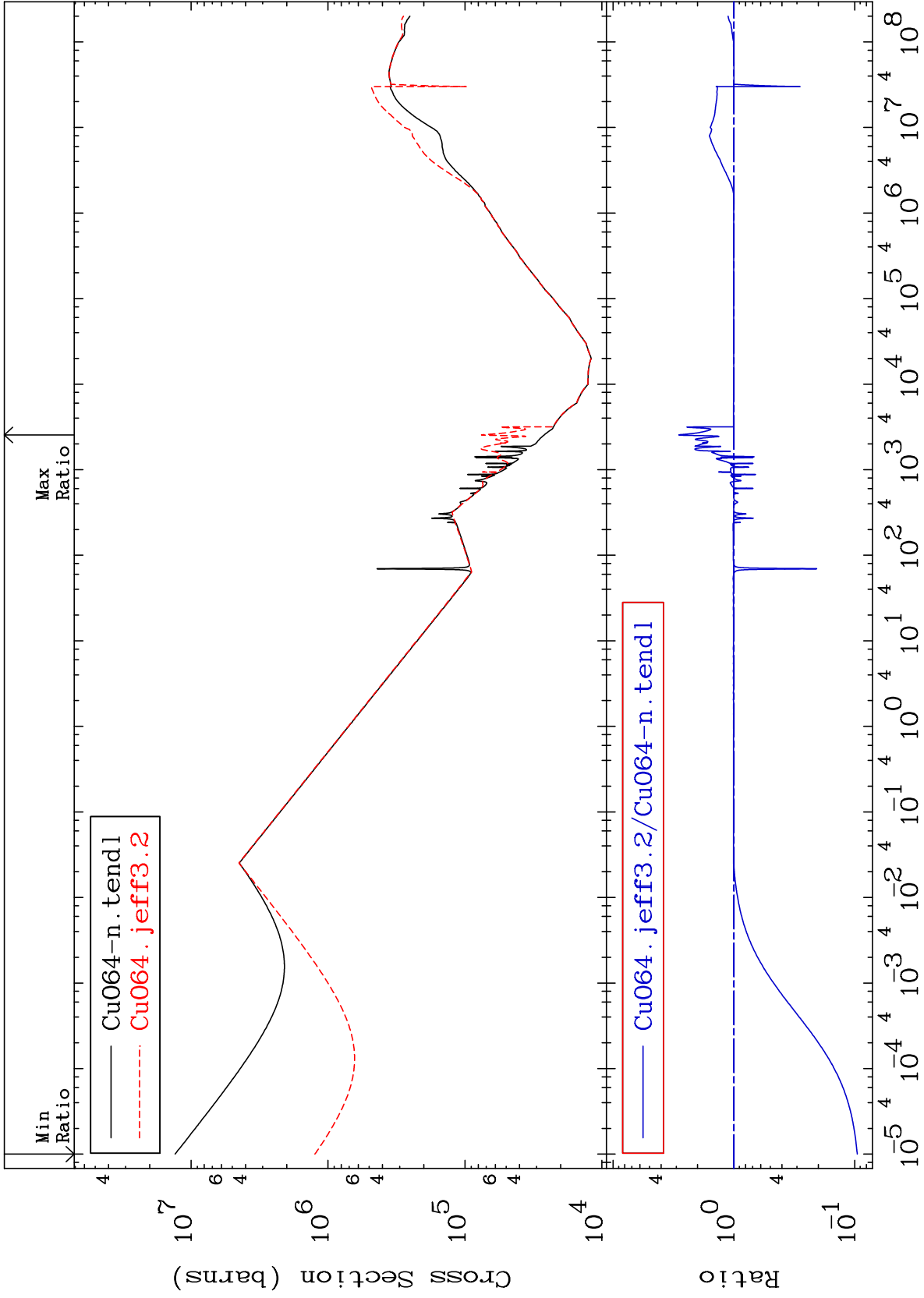
29-Cu-64



MAT 2928

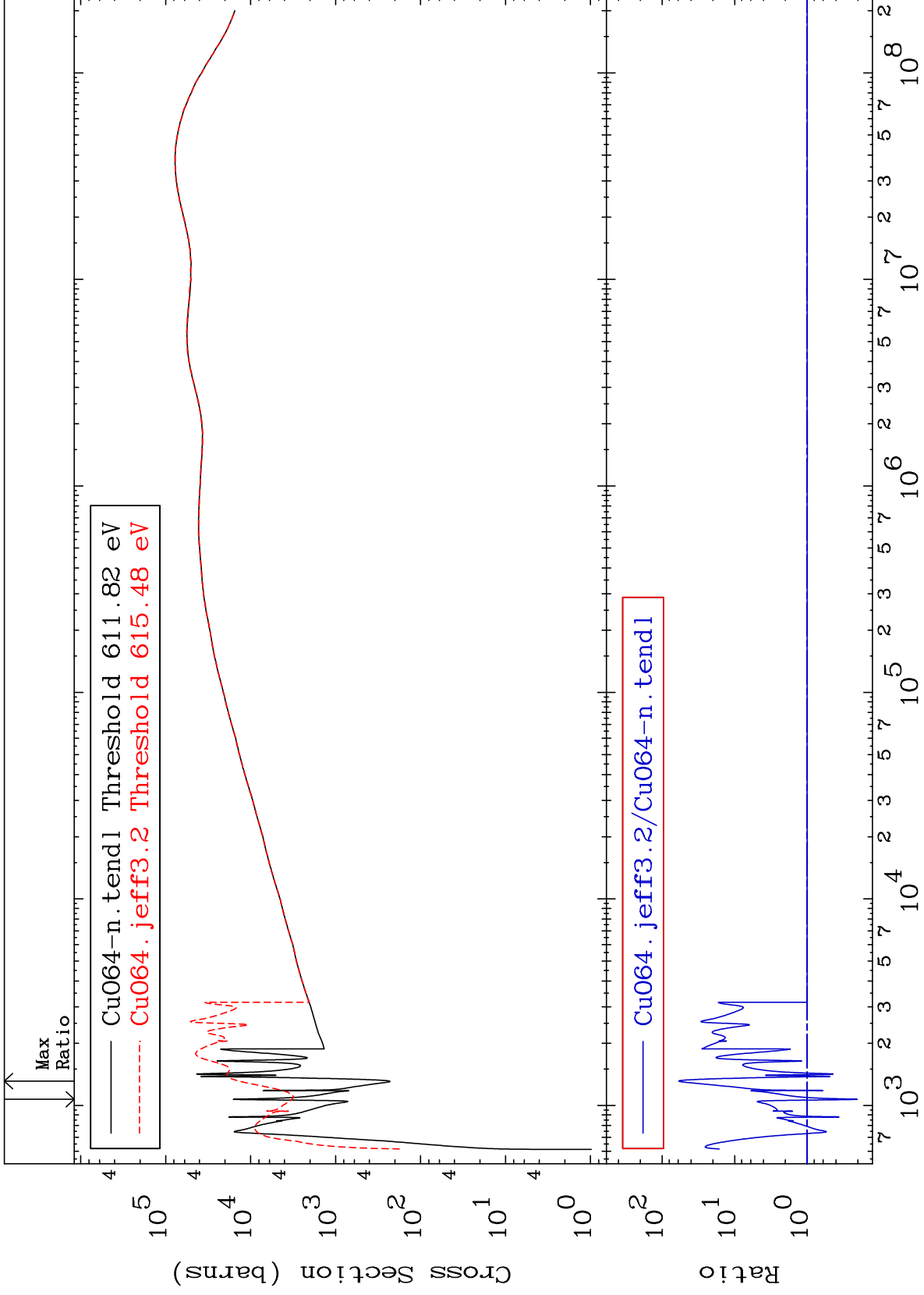
Dpa total (eV-barns)
Cross Section

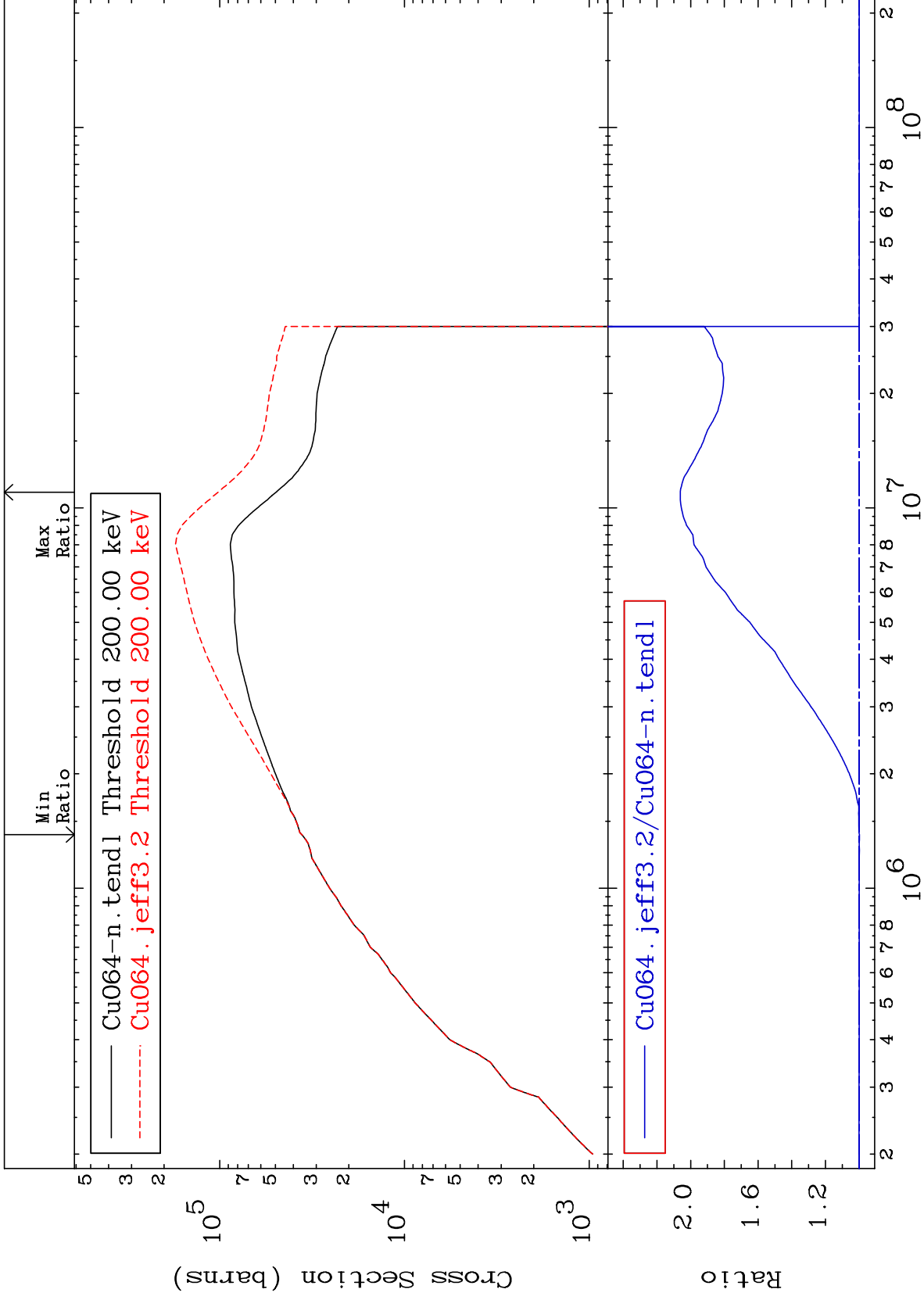
29-Cu-64
-90.48 To 186.6 %



75

29-Cu-64

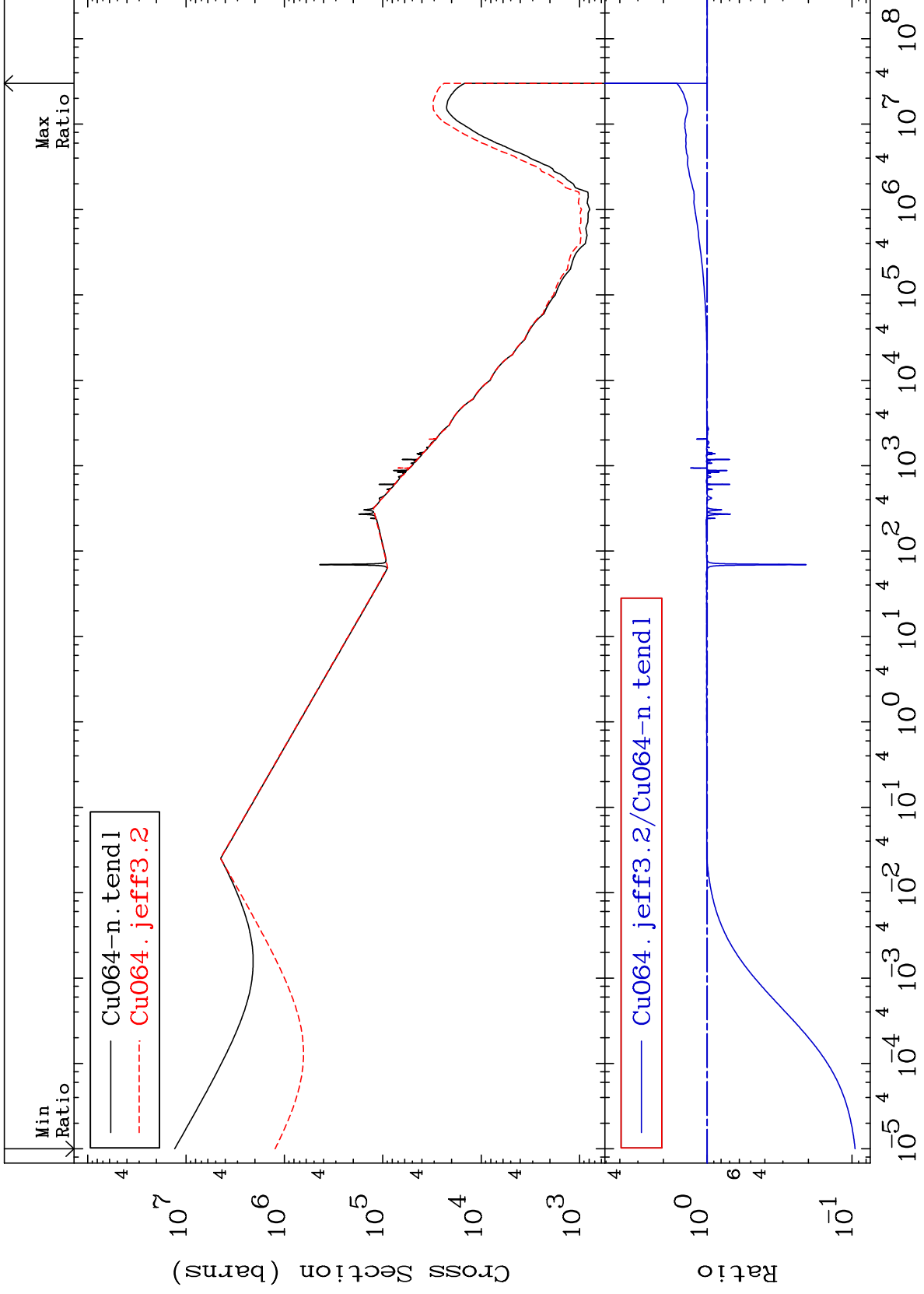




MAT 2928

Dpa disappearance (mt102 -120)
Cross Section

29-Cu-64
-90.48 To 61.54 %

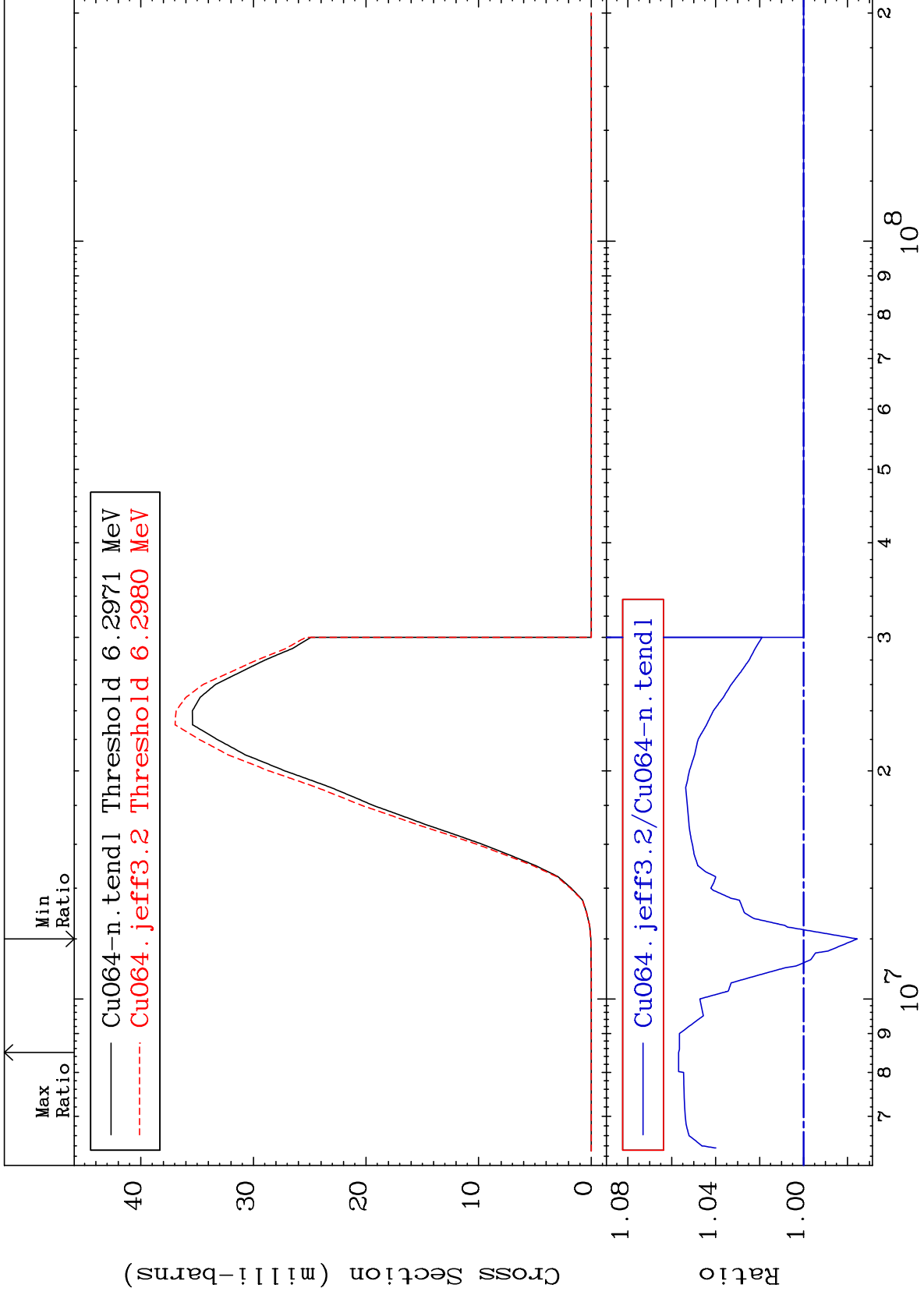


MAT 2928

(n, n') α :27-Co-60g

29-Cu-64

Radionuclide Production Cross Section -2.445 To 5.686 %

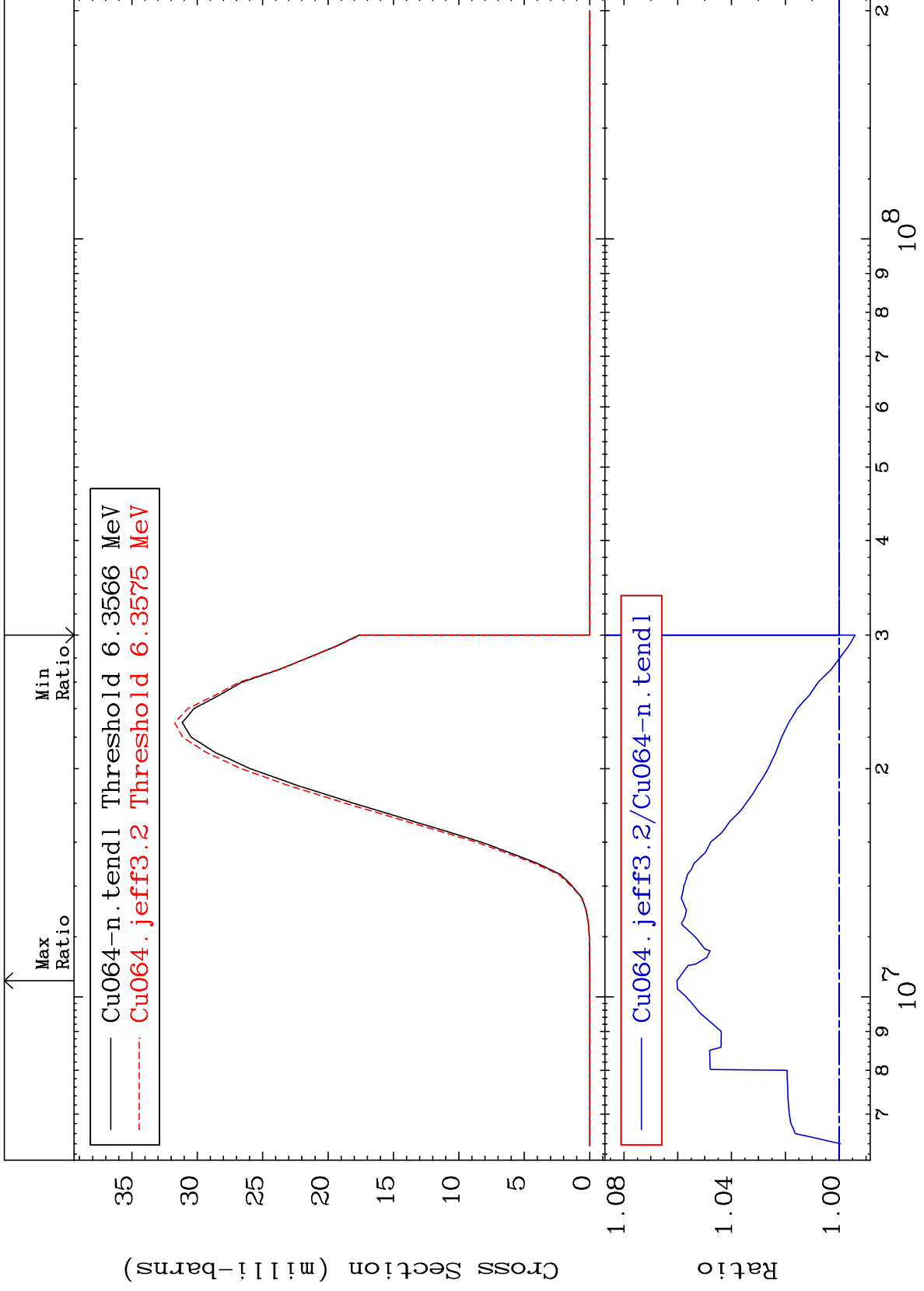


MAT 2928

(n, n') α :27-Co-60m1

29-Cu-64

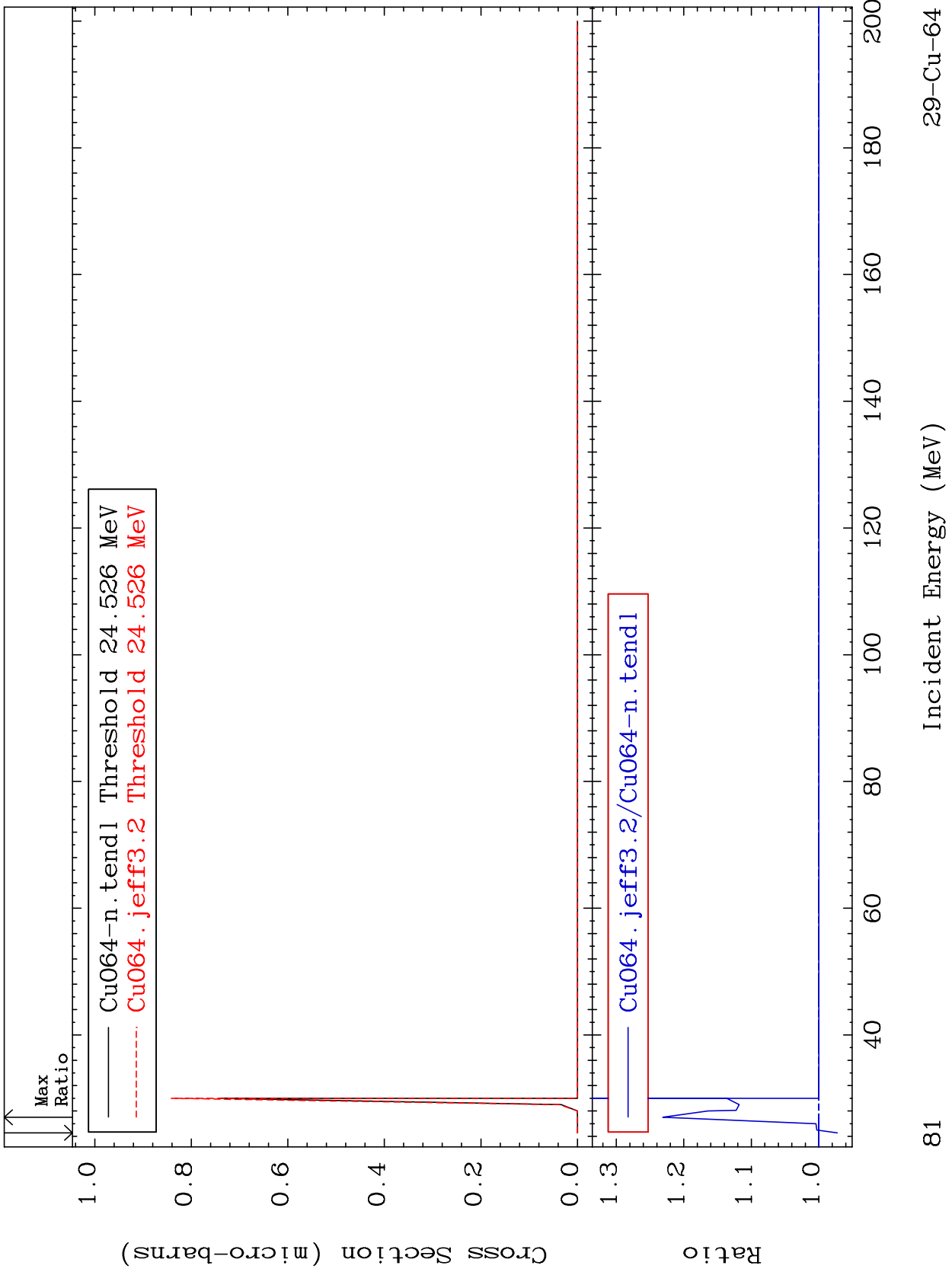
Radionuclide Production Cross Section -0.594 To 6.029 %



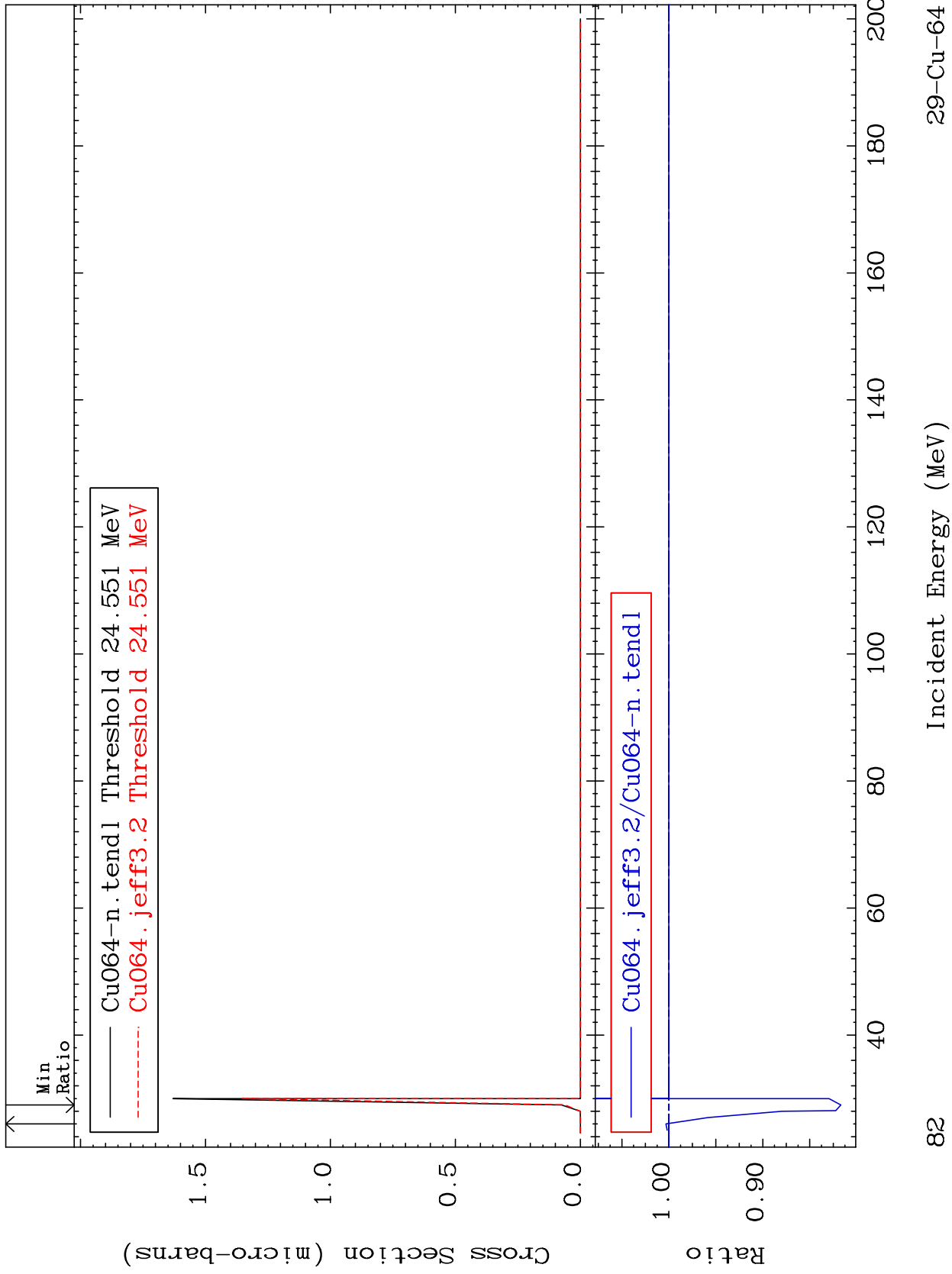
80

Incident Energy (eV)

29-Cu-64



Radionuclide Production Cross Section -18.31 To 0.309 %

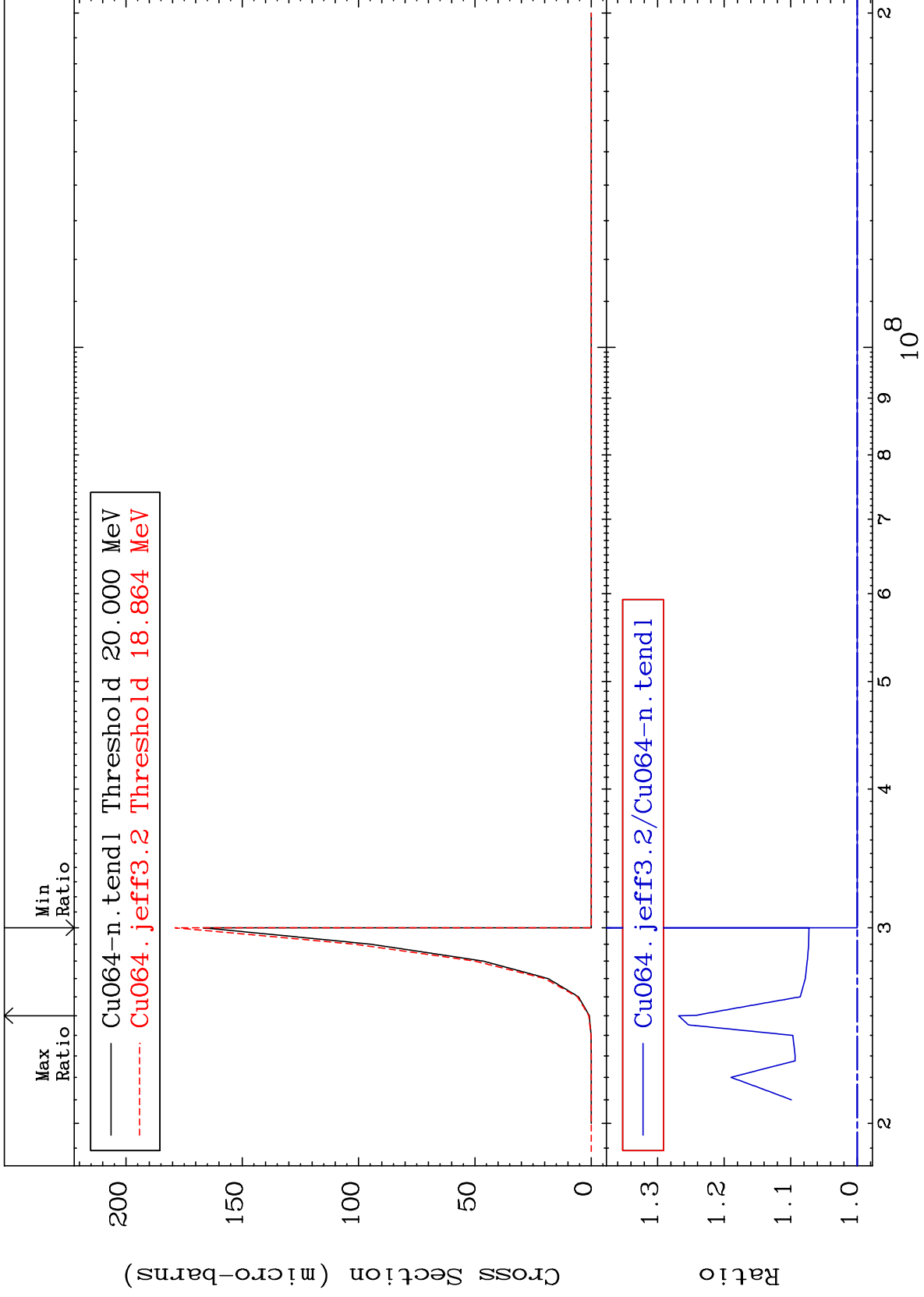


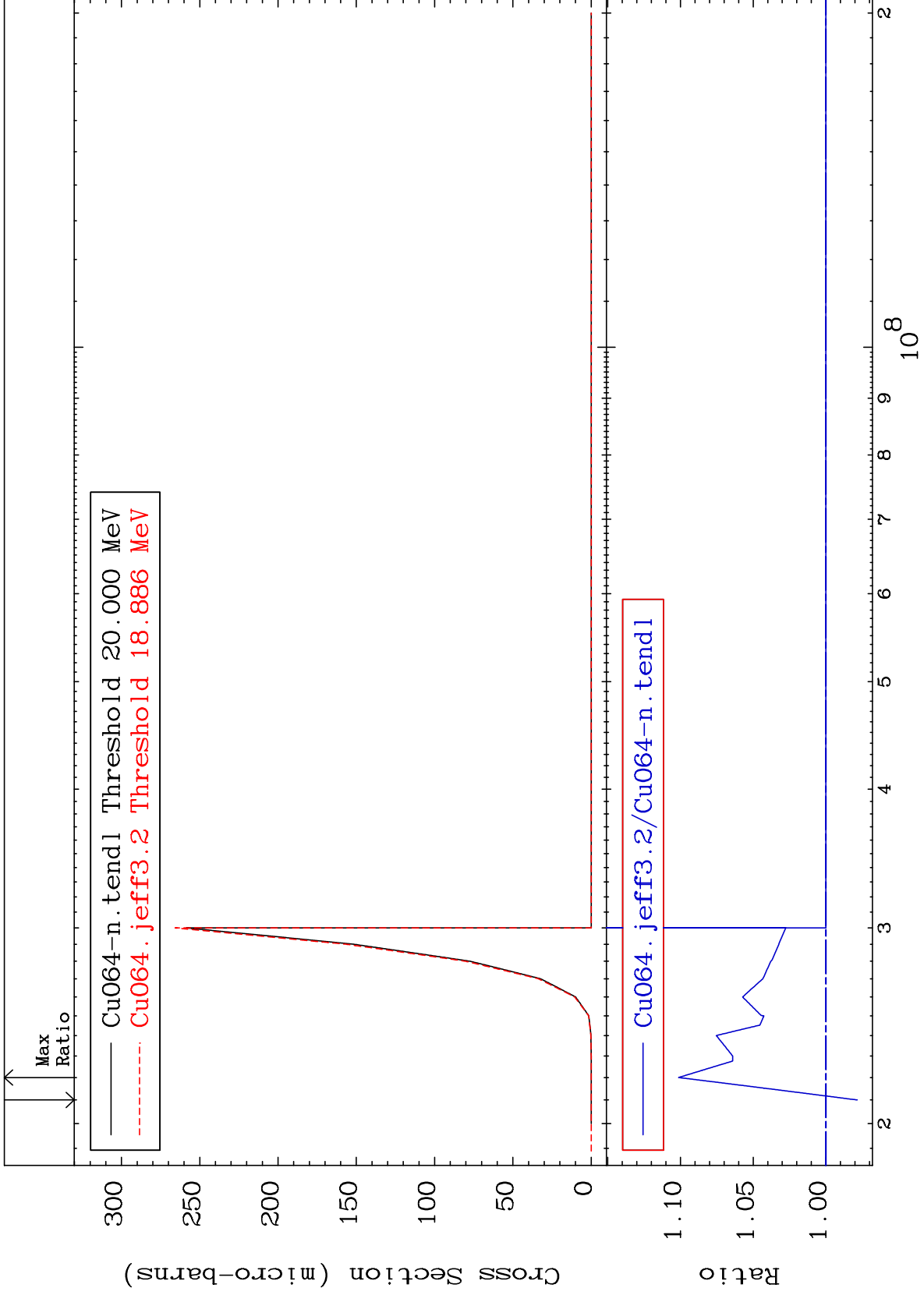
MAT 2928

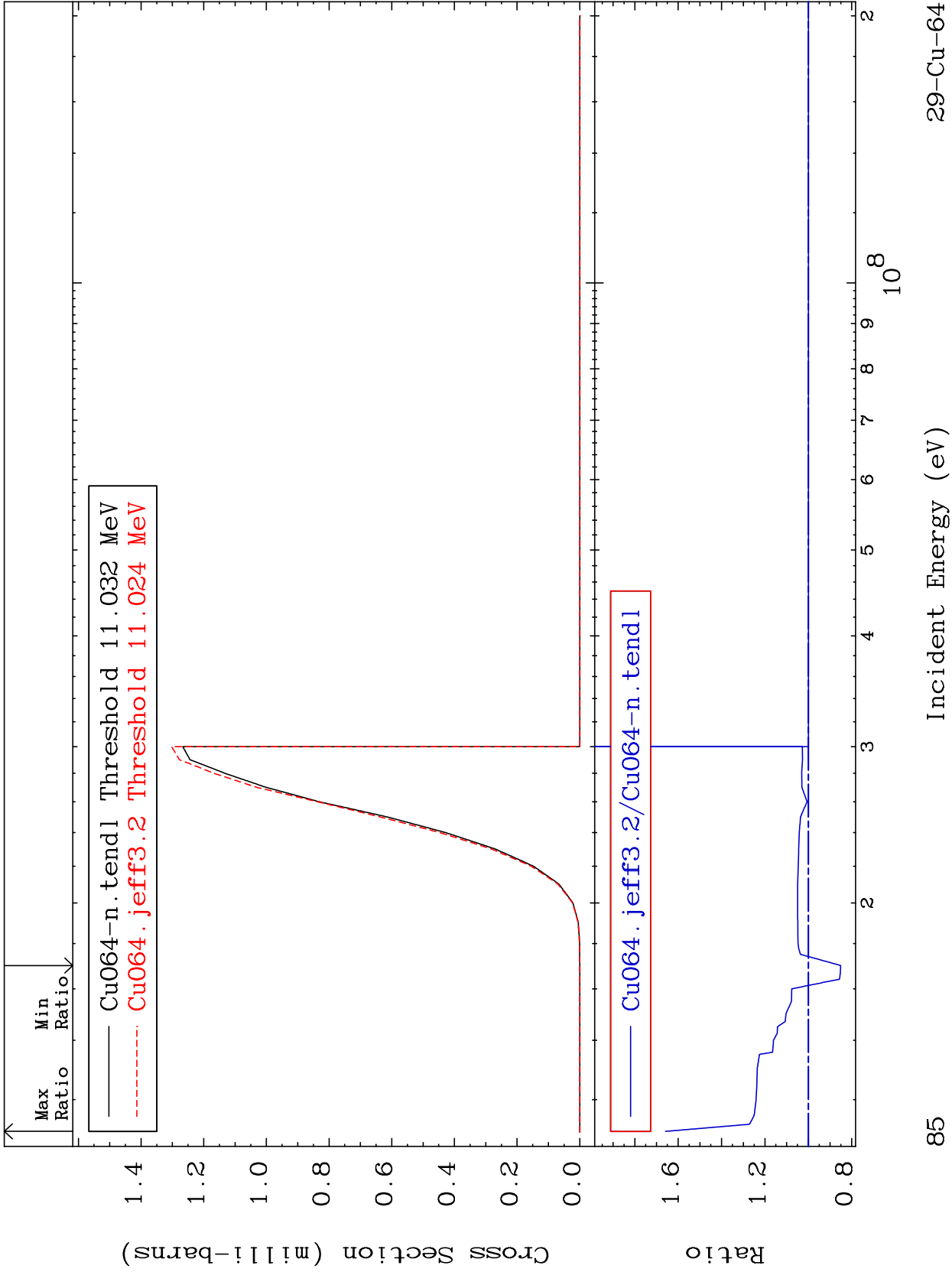
(n,2n) p:27-Co-62g

29-Cu-64

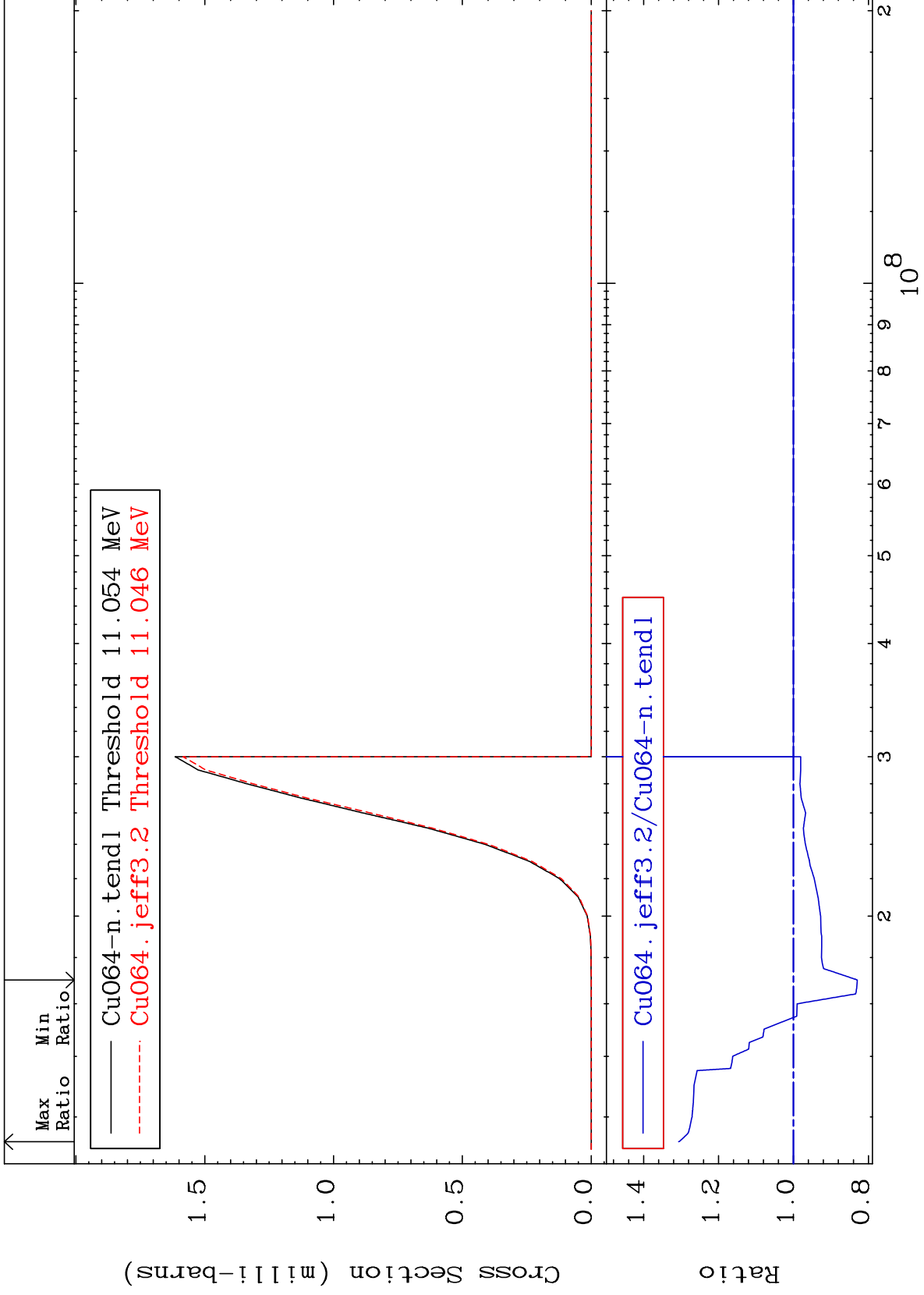
Radionuclide Production Cross Section 0.000 To 26.83 %

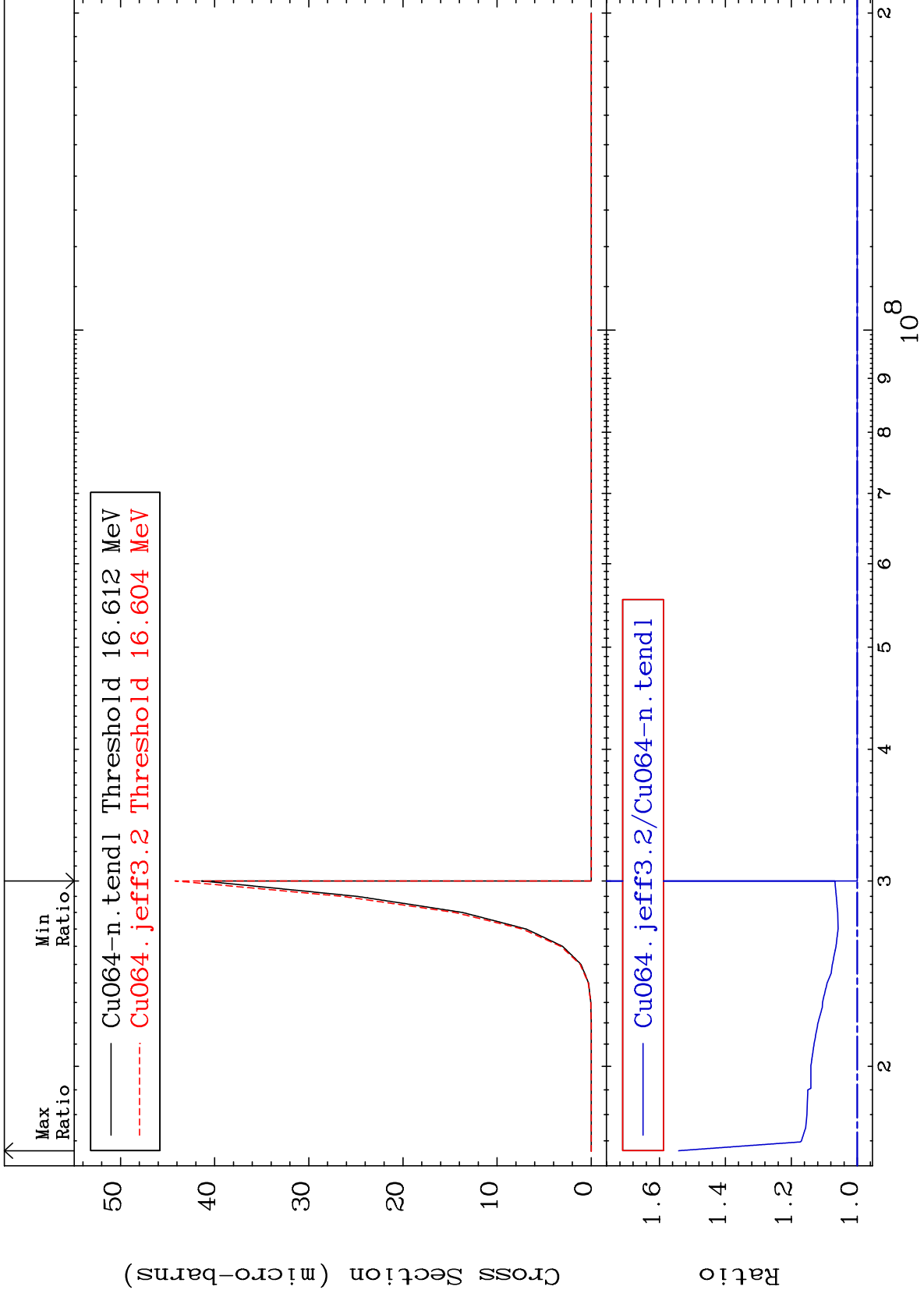






Radionuclide Production Cross Section -17.03 To 30.64 %





Radionuclide Production Cross Section -11.65 To 0.983 %

