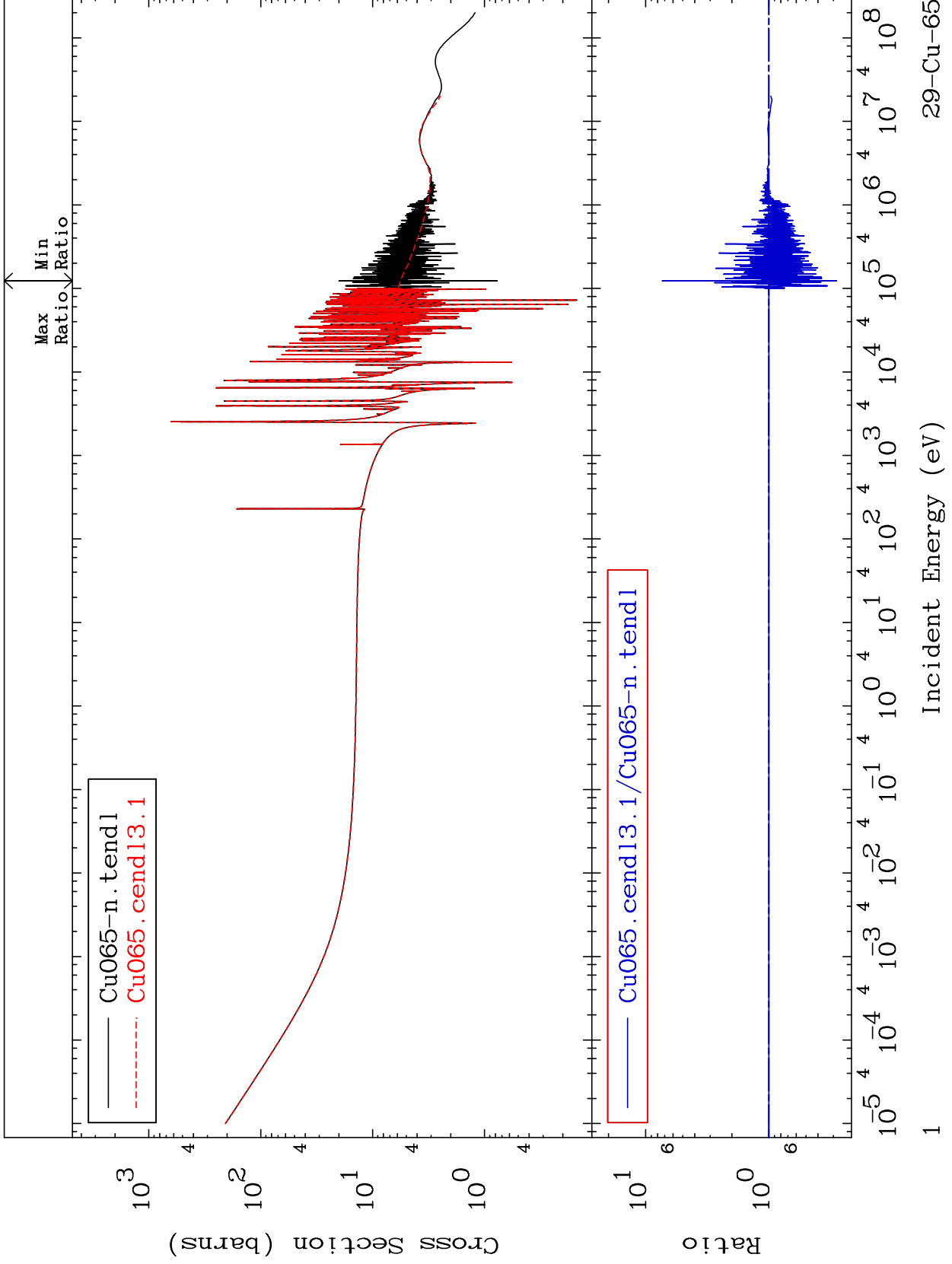


MAT 2931

Total
Cross Section

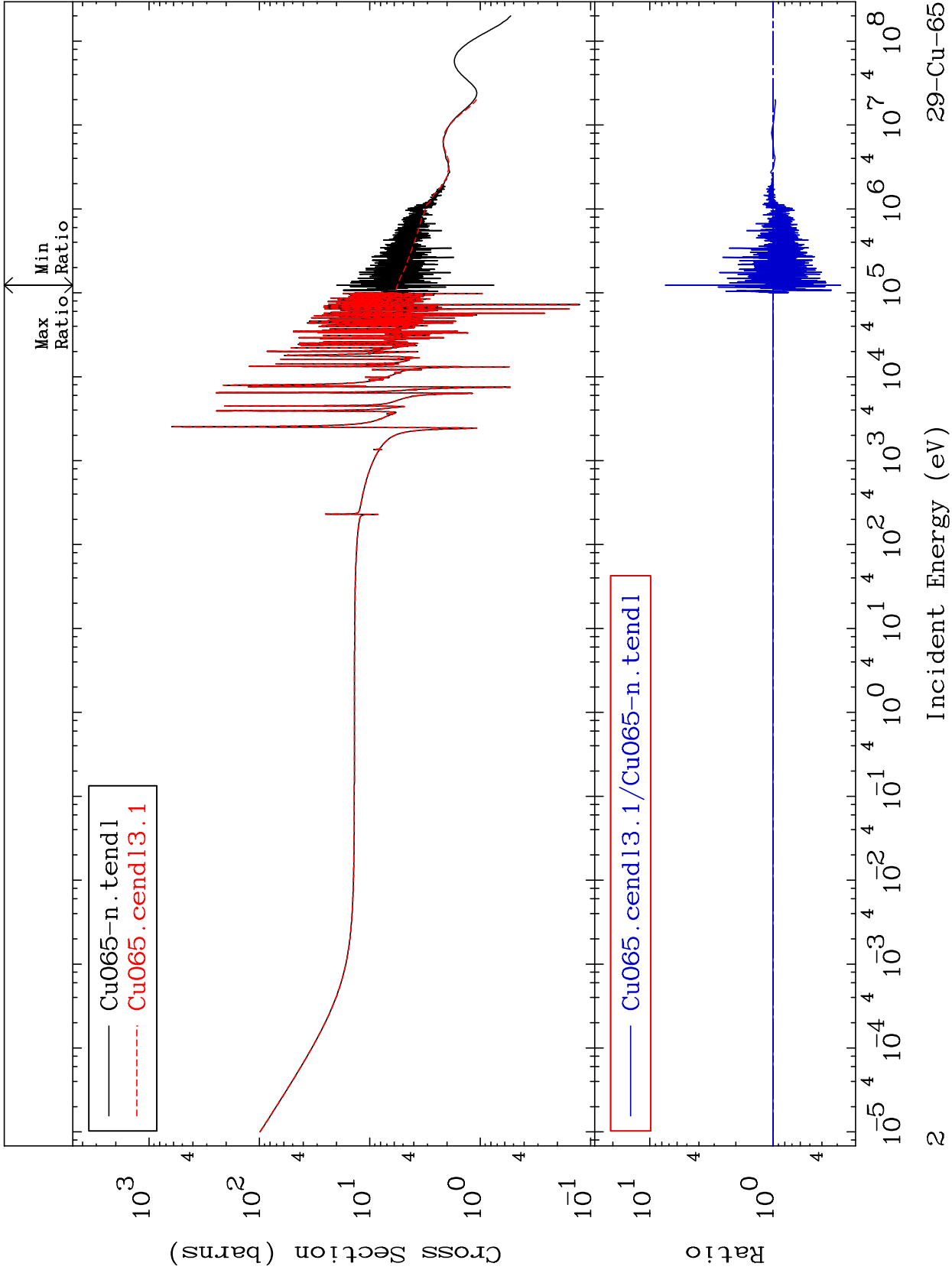
29-Cu-65
-71.78 To 632.7 %



MAT 2931

Elastic
Cross Section

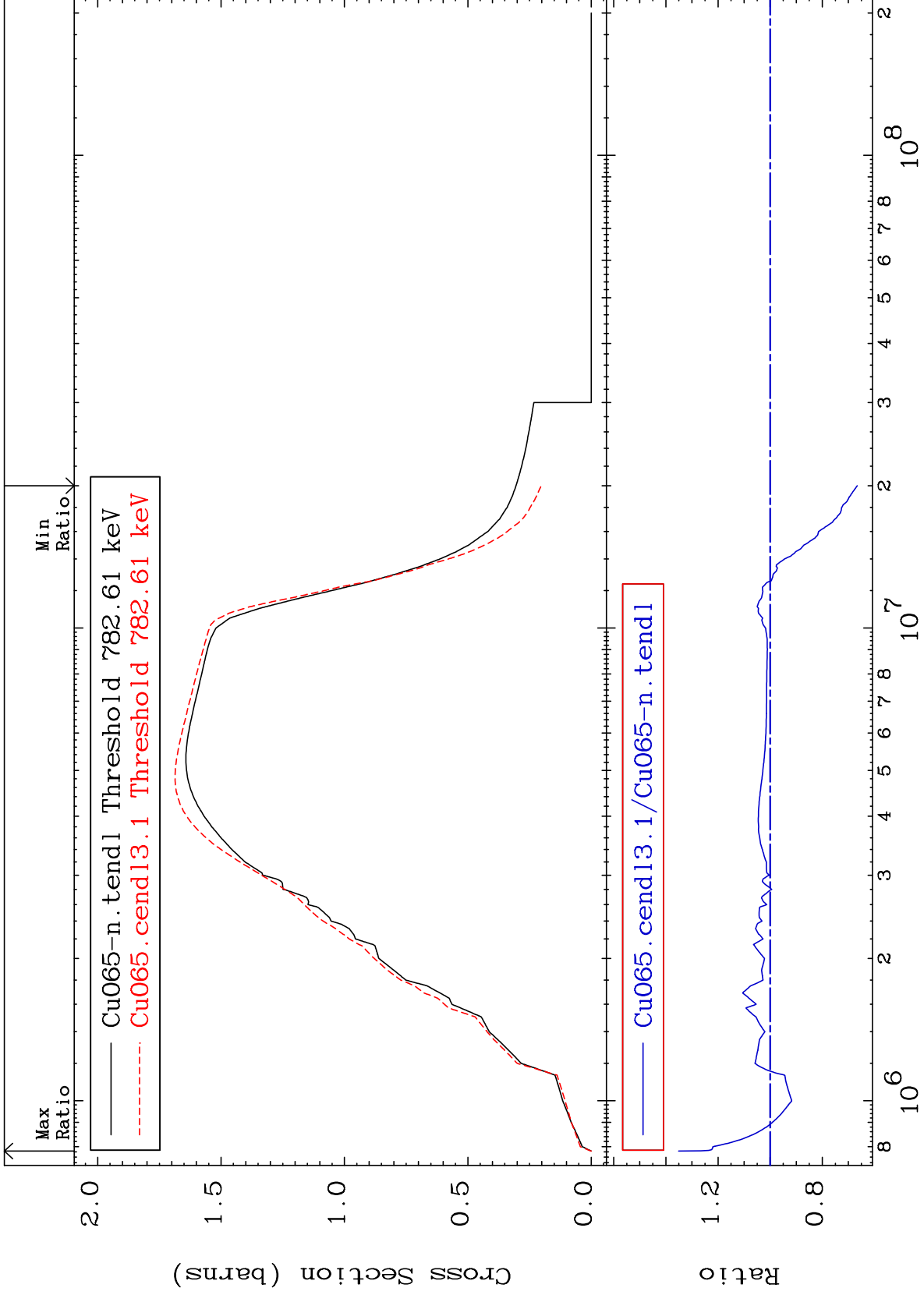
29-Cu-65
-71.85 To 646.0 %



MAT 2931

Inelastic
Cross Section

29-Cu-65
-33.41 To 35.10 %



3

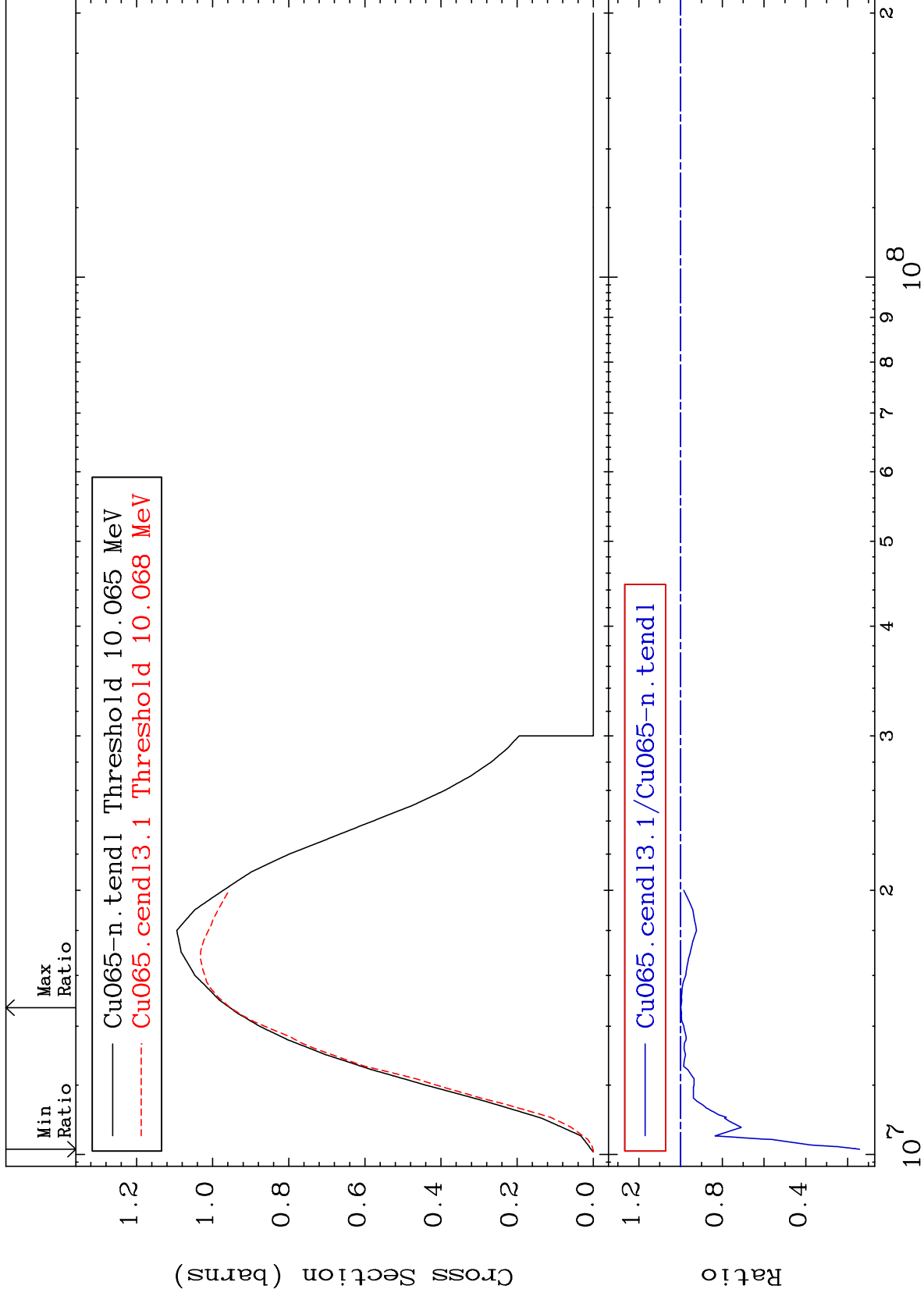
Incident Energy (eV)

29-Cu-65

MAT 2931

(n,2n)
Cross Section

29-Cu-65
-85.71 To -0.099%



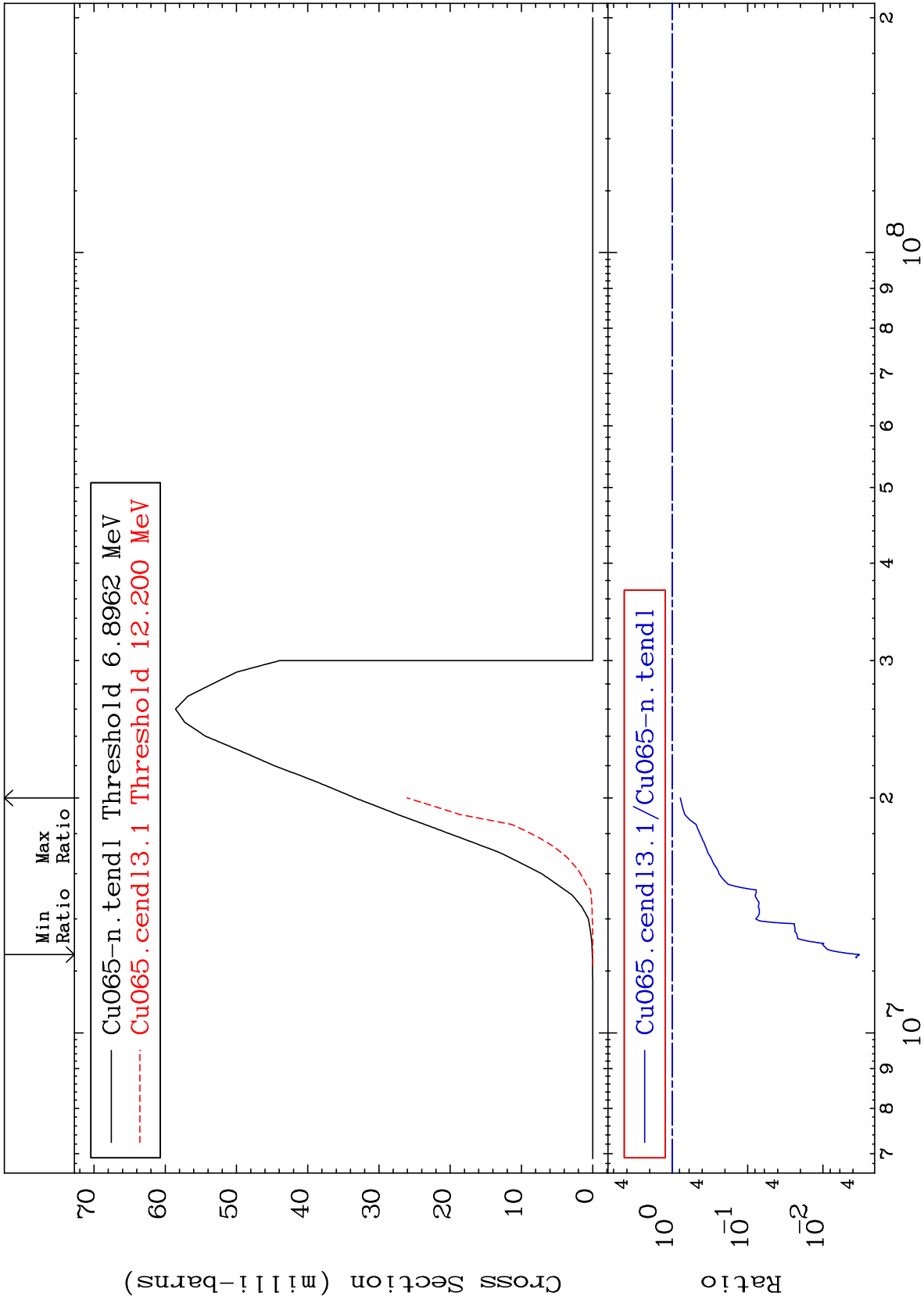
29-Cu-65

29-Cu-65

MAT 2931

(n, n') α
Cross Section

29-Cu-65
-99.67 To -21.94%



5

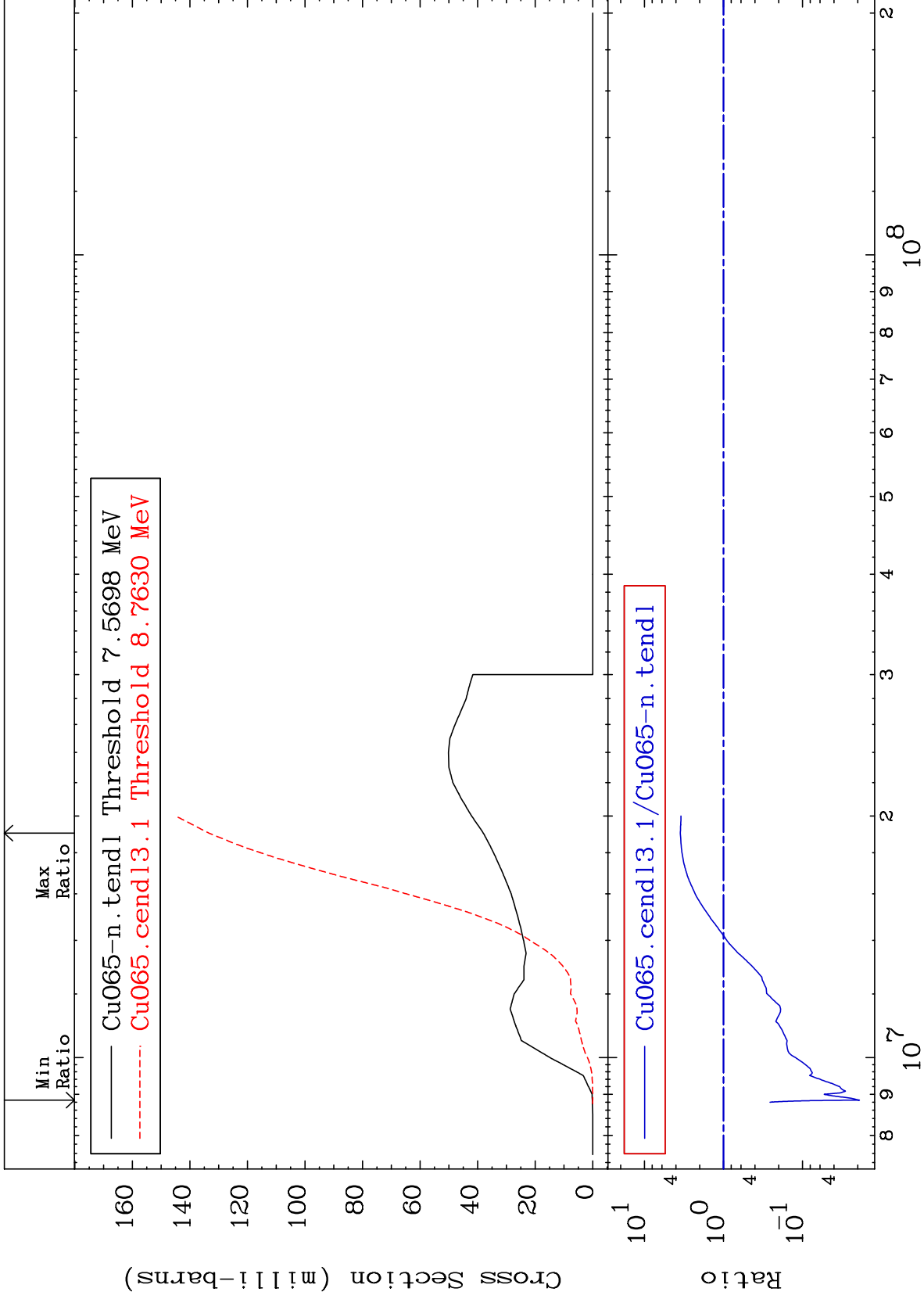
29-Cu-65

29-Cu-65

MAT 2931

(n, n') p
Cross Section

29-Cu-65
-98.09 To 251.0 %

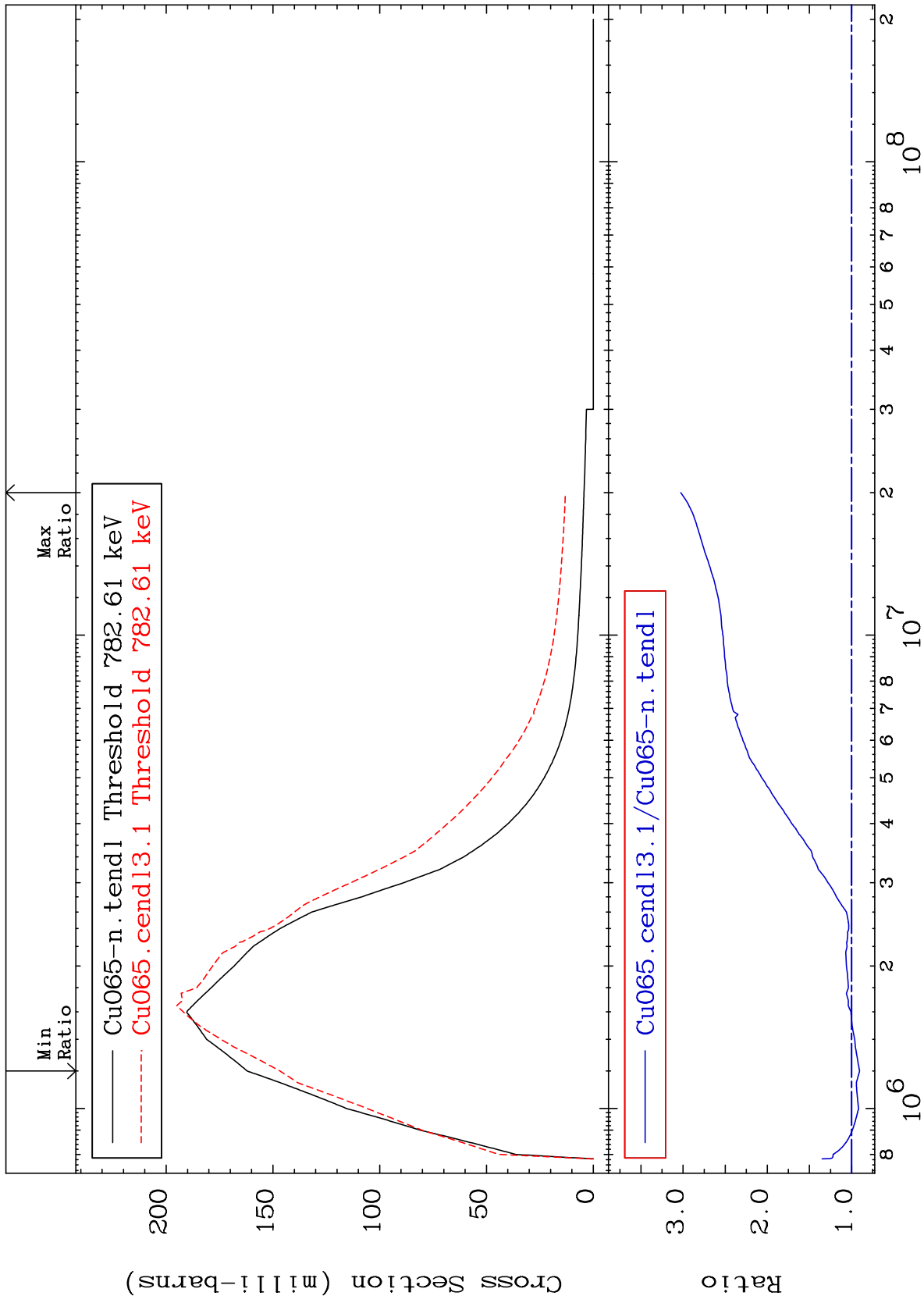


6

Incident Energy (eV)

29-Cu-65

MAT 2931 29-Cu-65
 770.6 keV (n,n') Level -9.457 To 202.8 %
 Cross Section



Incident Energy (eV) 29-Cu-65

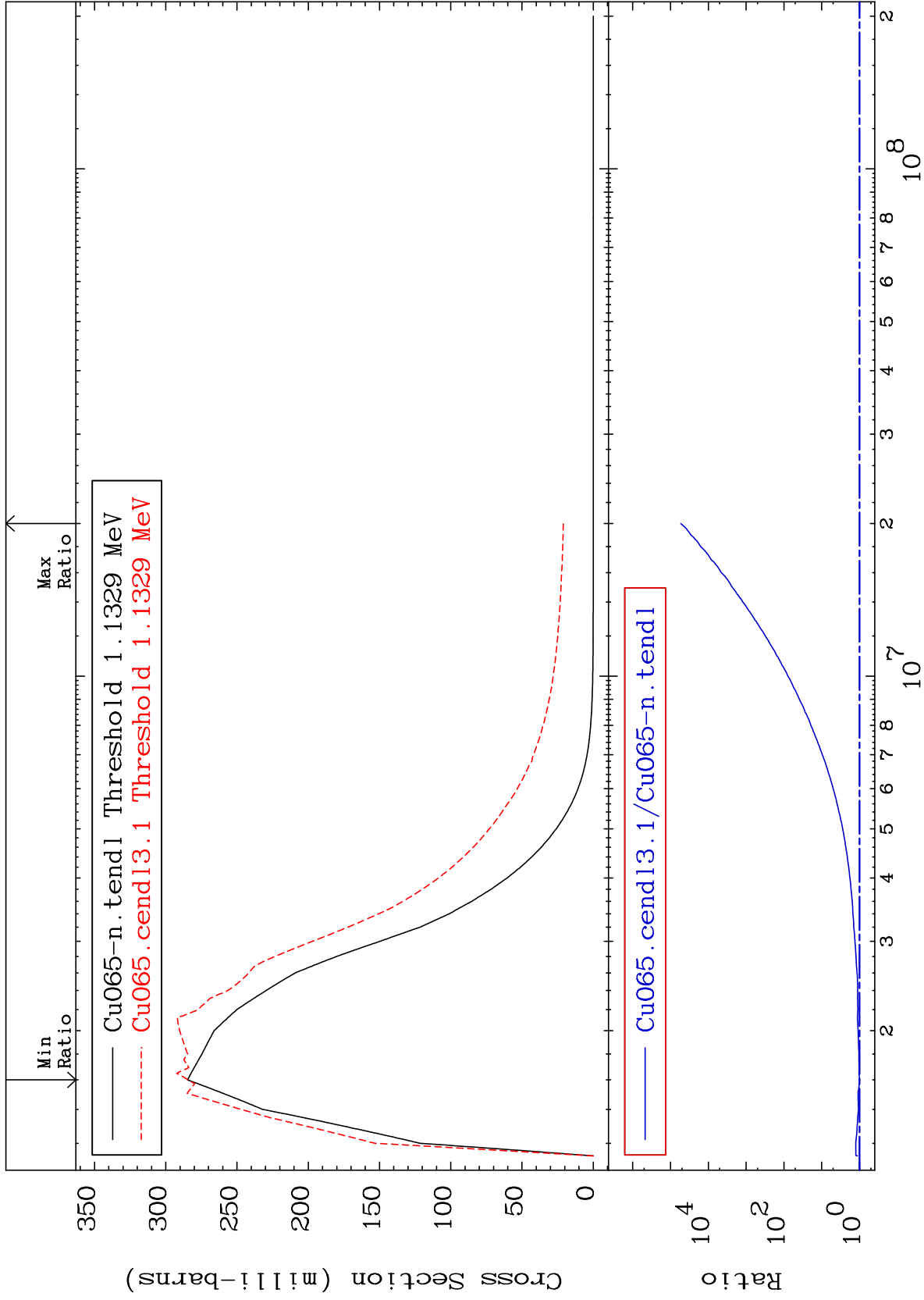
MAT 2931

1.116 MeV (n,n') Level

29-Cu-65

-0.119 To 9999. %

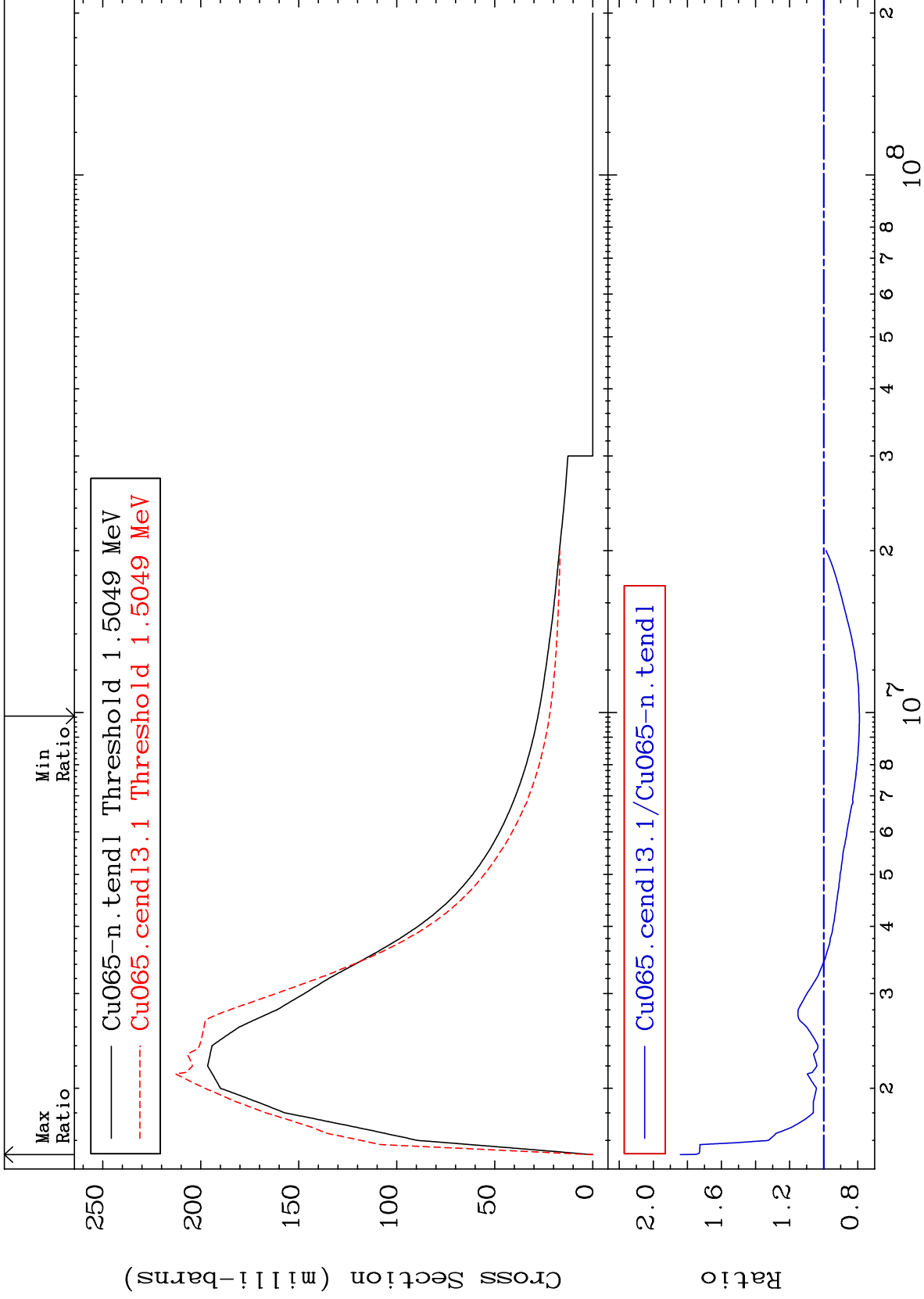
Cross Section



MAT 2931

1.482 MeV (n,n') Level
Cross Section

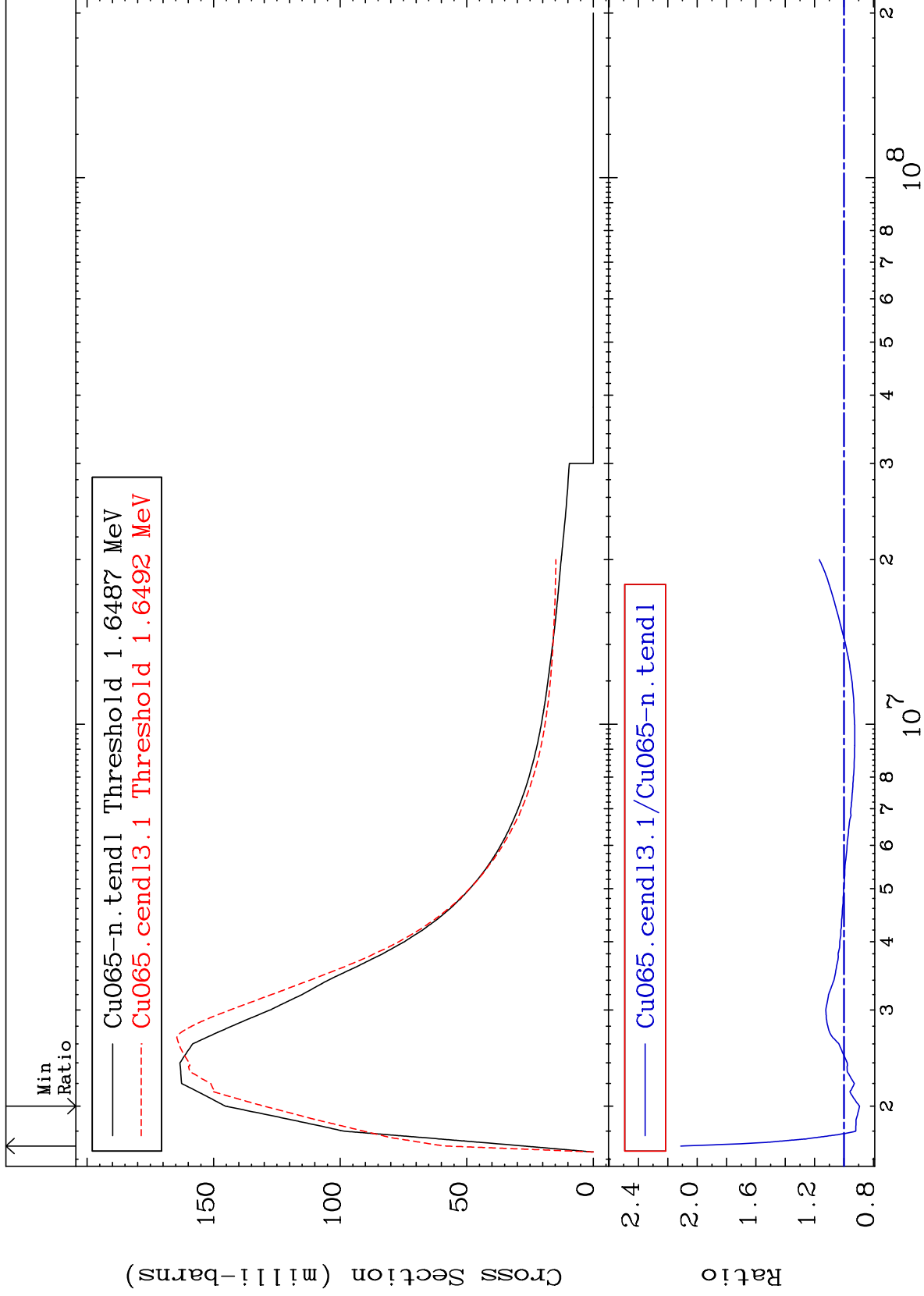
29-Cu-65
-20.99 To 84.14 %



MAT 2931

1.623 MeV (n,n') Level
Cross Section

29-Cu-65
-10.56 To 111.2 %



10

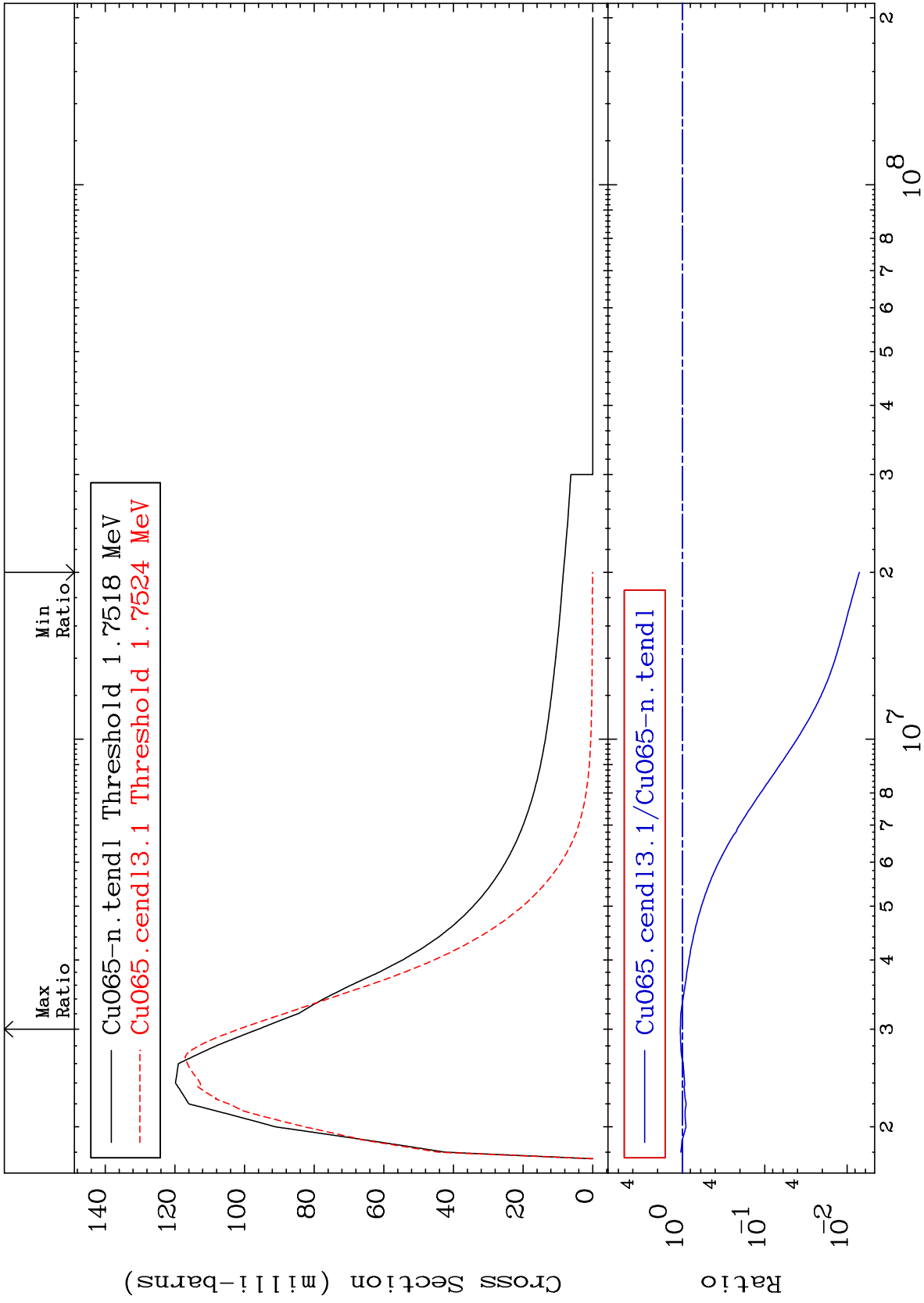
Incident Energy (eV)

29-Cu-65

MAT 2931

1.725 MeV (n,n') Level
Cross Section

29-Cu-65
-99.29 To 5.913 %



11

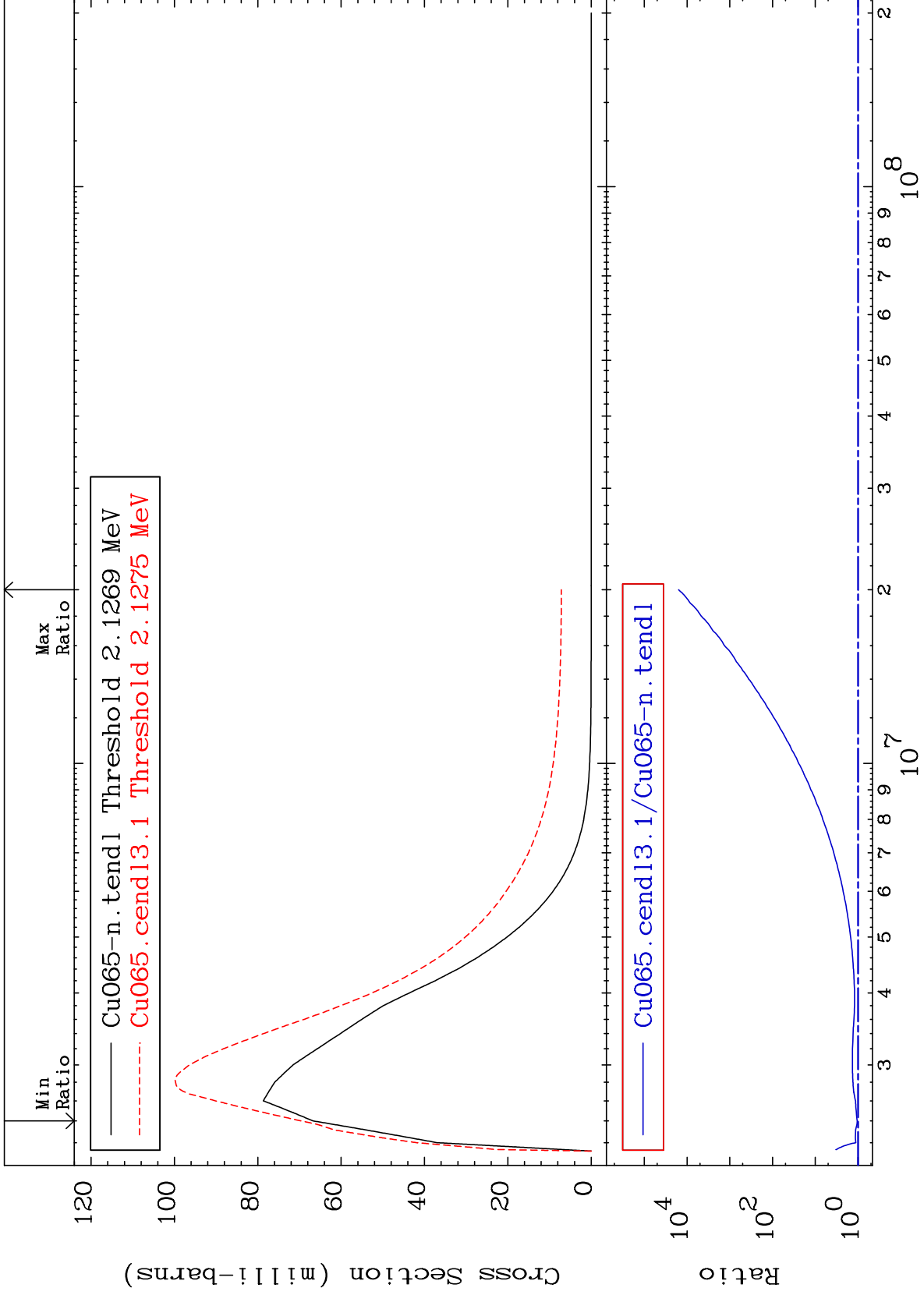
Incident Energy (eV)

29-Cu-65

MAT 2931

2.094 MeV (n,n') Level
Cross Section

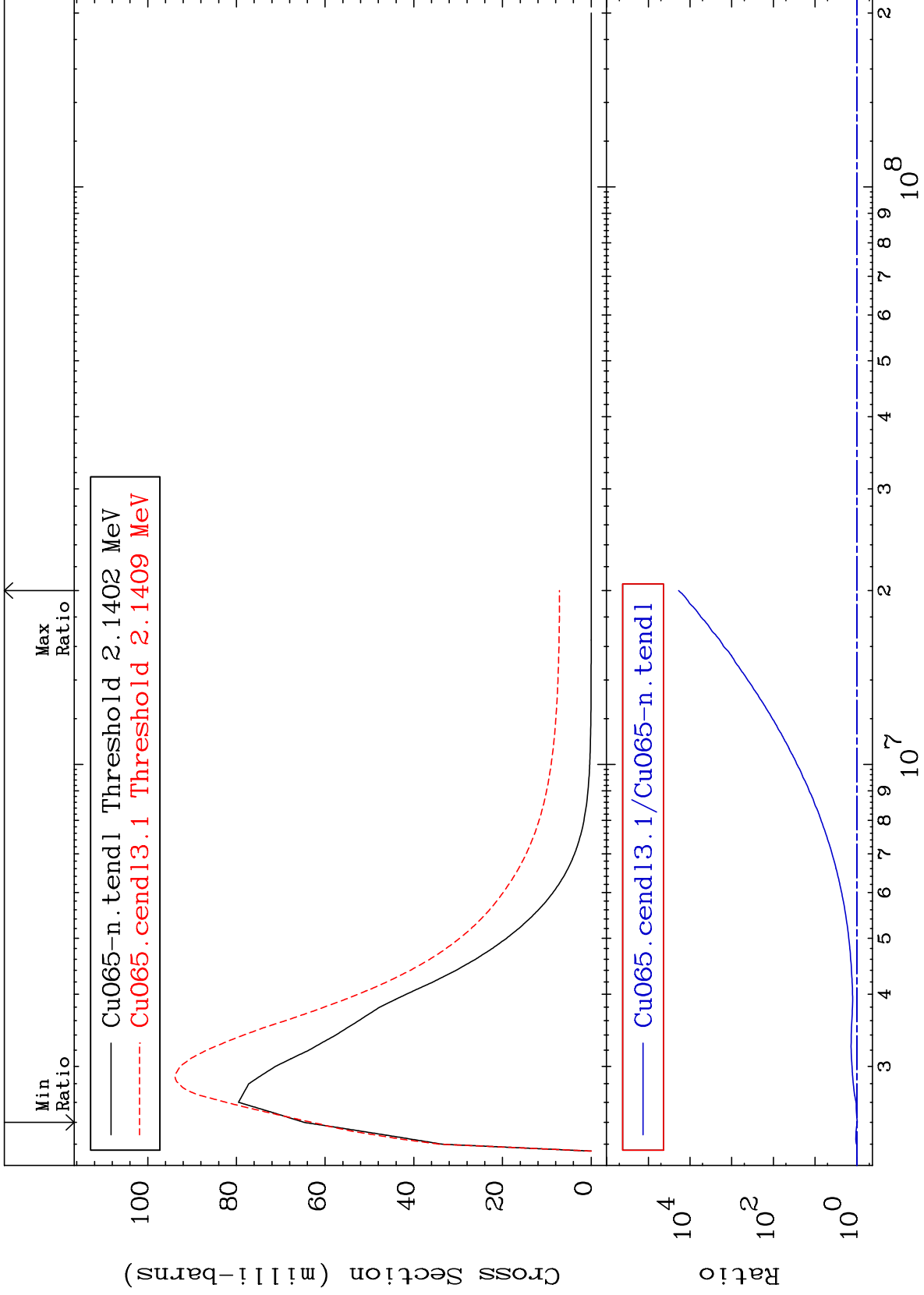
29-Cu-65
4.319 To 9999. %



MAT 2931

2.107 MeV (n,n') Level
Cross Section

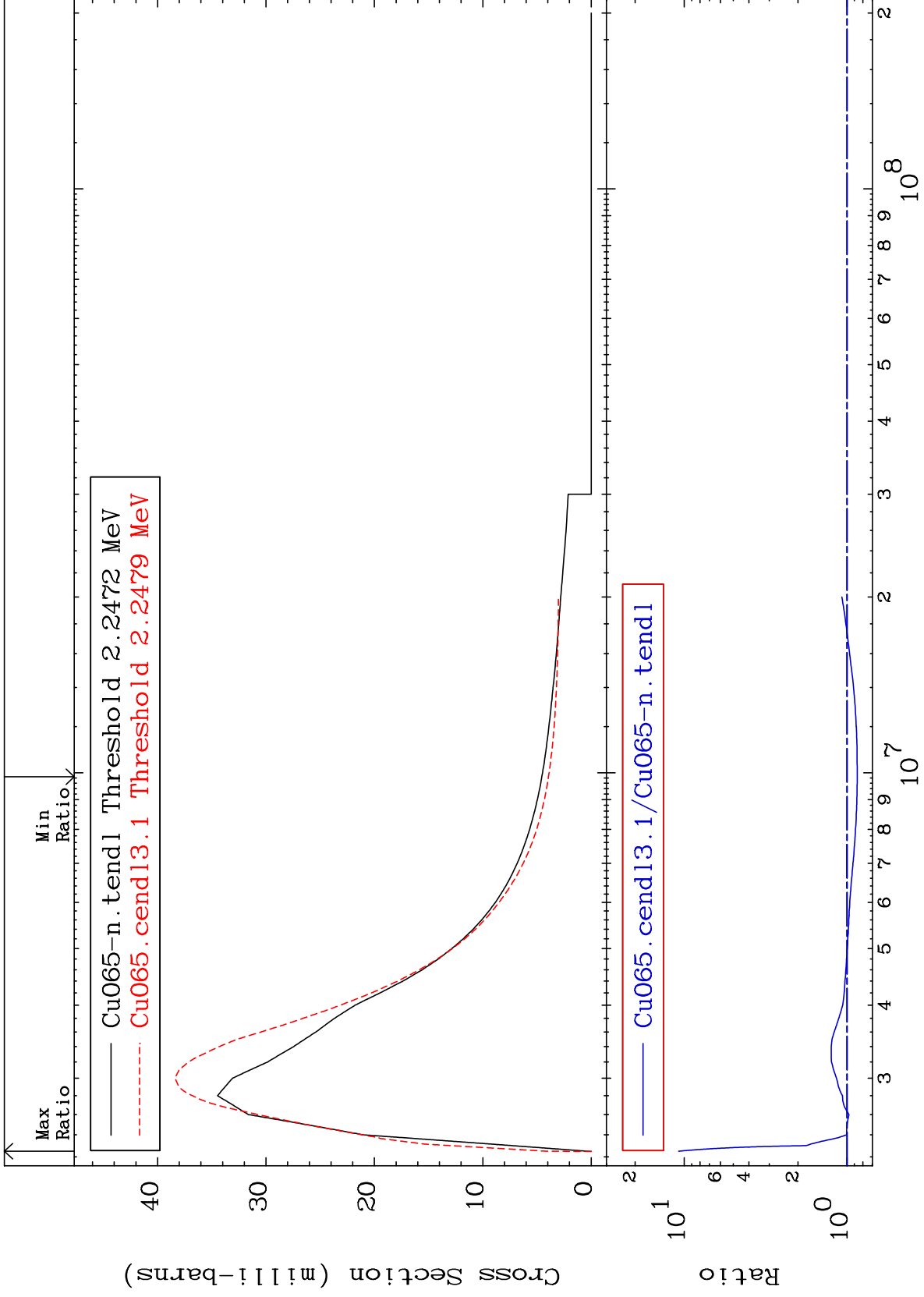
29-Cu-65
-2.840 To 9999. %



MAT 2931

2.213 MeV (n,n') Level
Cross Section

29-Cu-65
-13.52 To 982.1 %



14

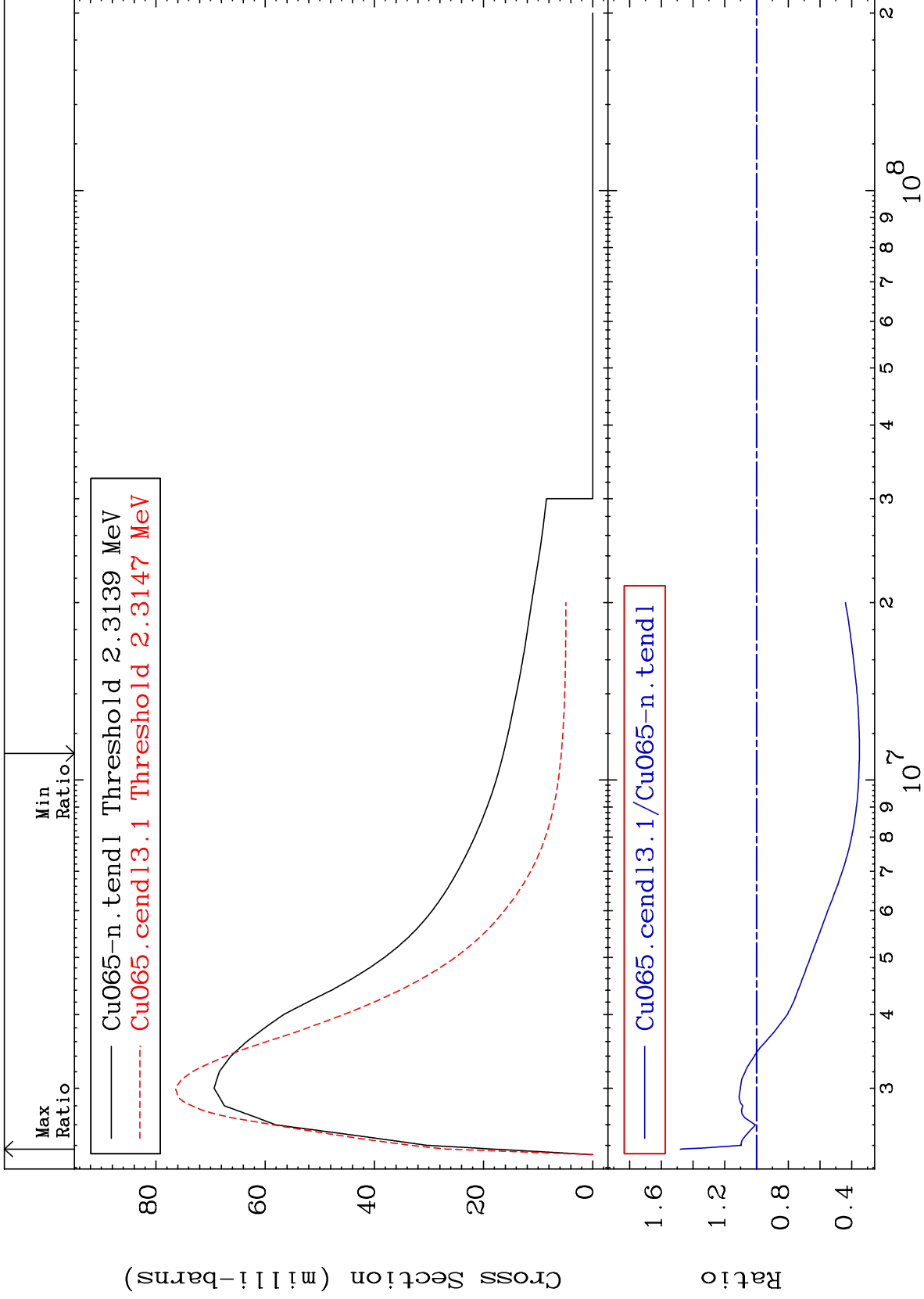
Incident Energy (eV)

29-Cu-65

MAT 2931

2.278 MeV (n,n') Level
Cross Section

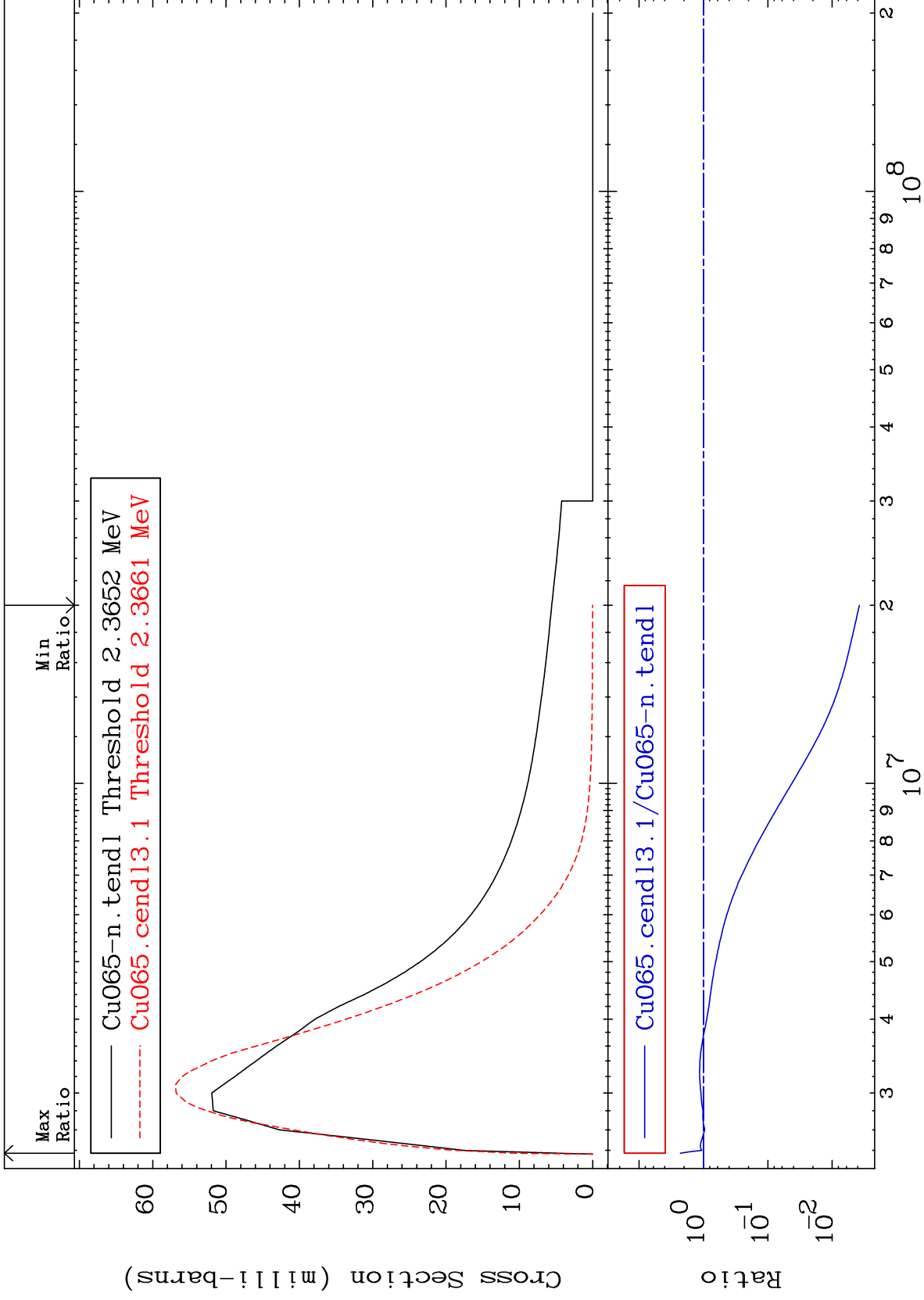
29-Cu-65
-64.87 To 48.03 %



MAT 2931

2.329 MeV (n,n') Level
Cross Section

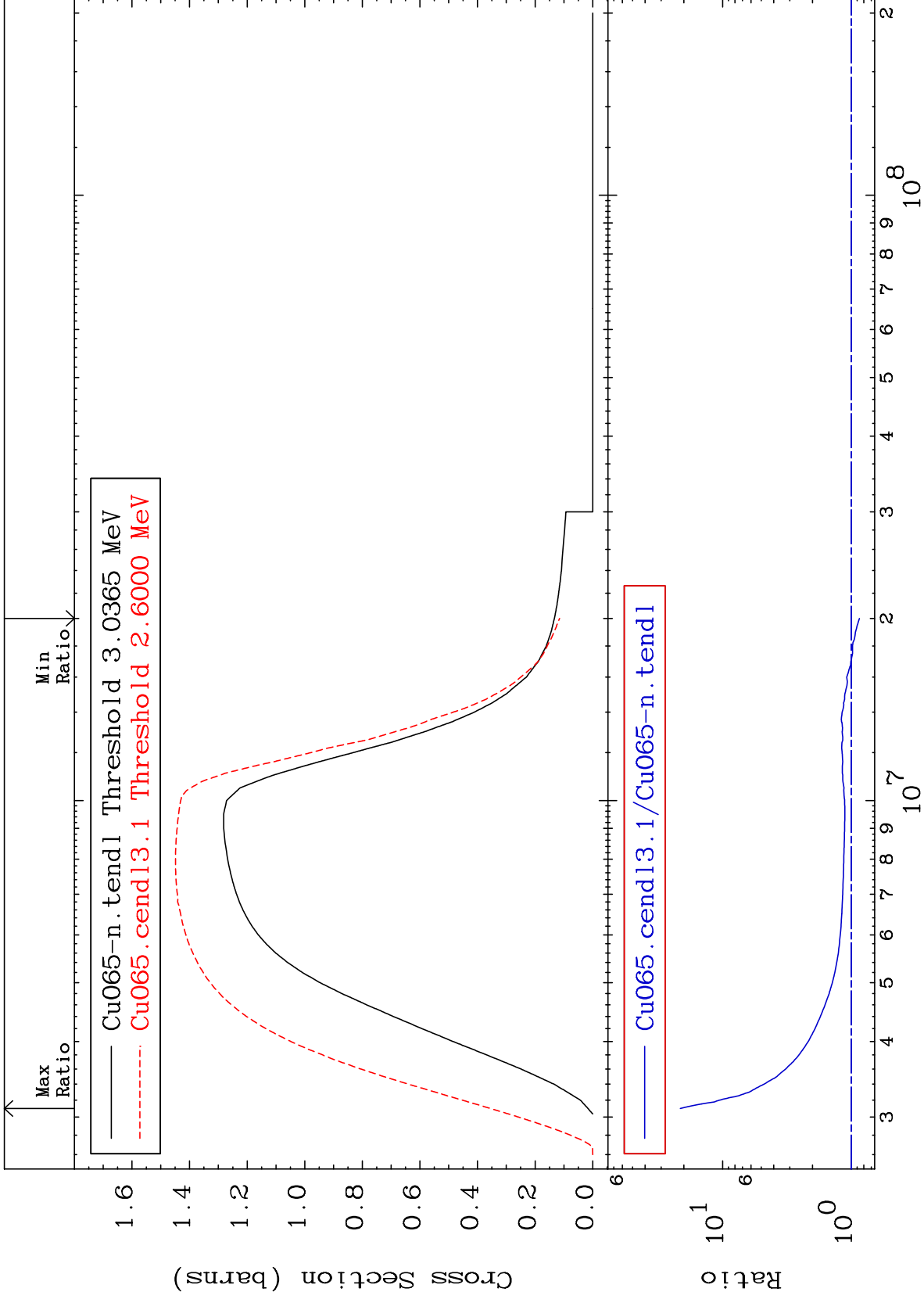
29-Cu-65
-99.62 To 128.3 %



MAT 2931

(n, n') Continuum
Cross Section

29-Cu-65
-13.58 To 2027. %



17

Incident Energy (eV)

29-Cu-65

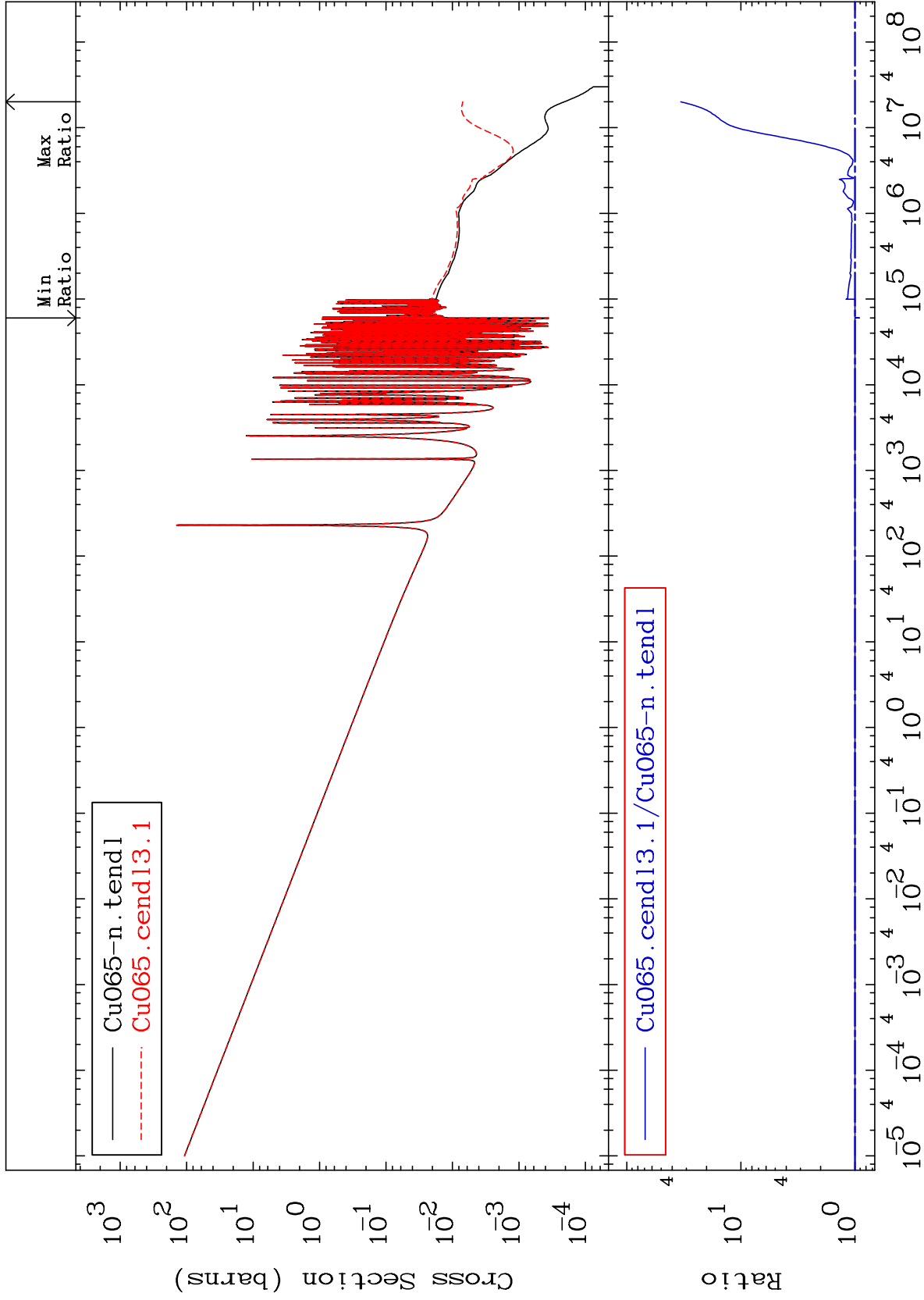
MAT 2931

(n, γ)

29-Cu-65

Cross Section

-9.006 To 3262. %



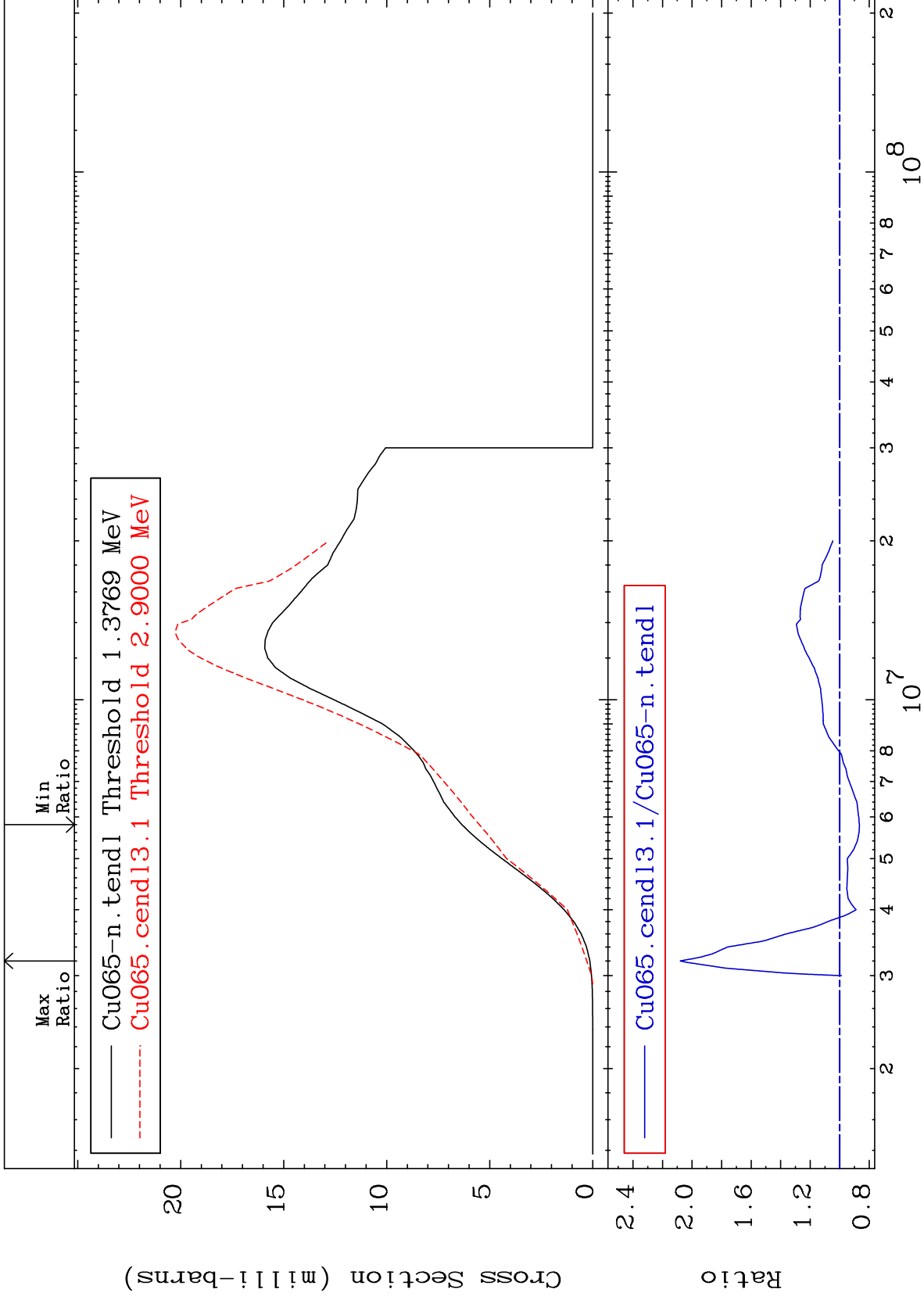
MAT 2931

(n, p)

²⁹Cu-65

Cross Section

-13.35 To 107.9 %



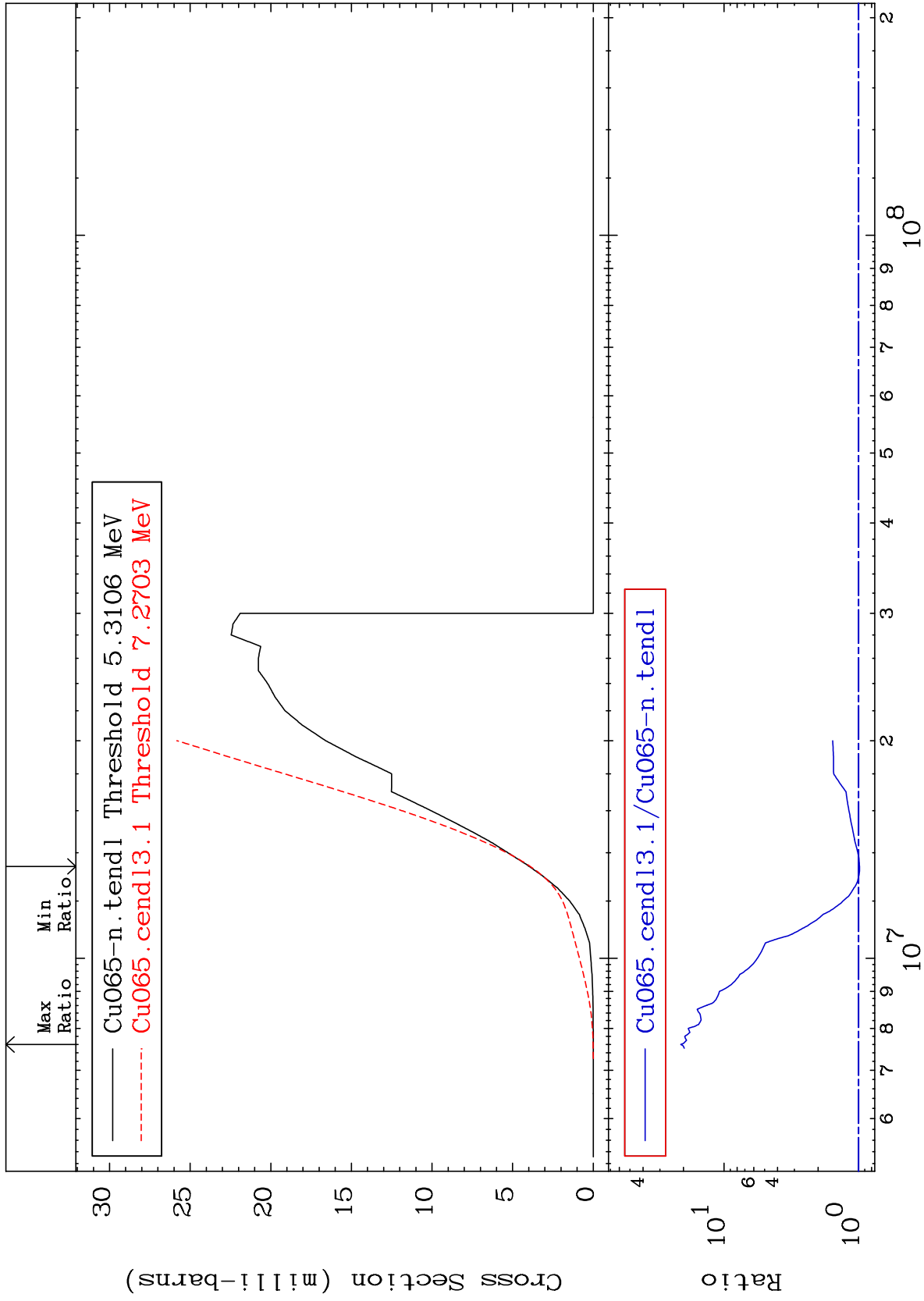
MAT 2931

(n, d)

29-Cu-65

Cross Section

-1.600 To 1996. %



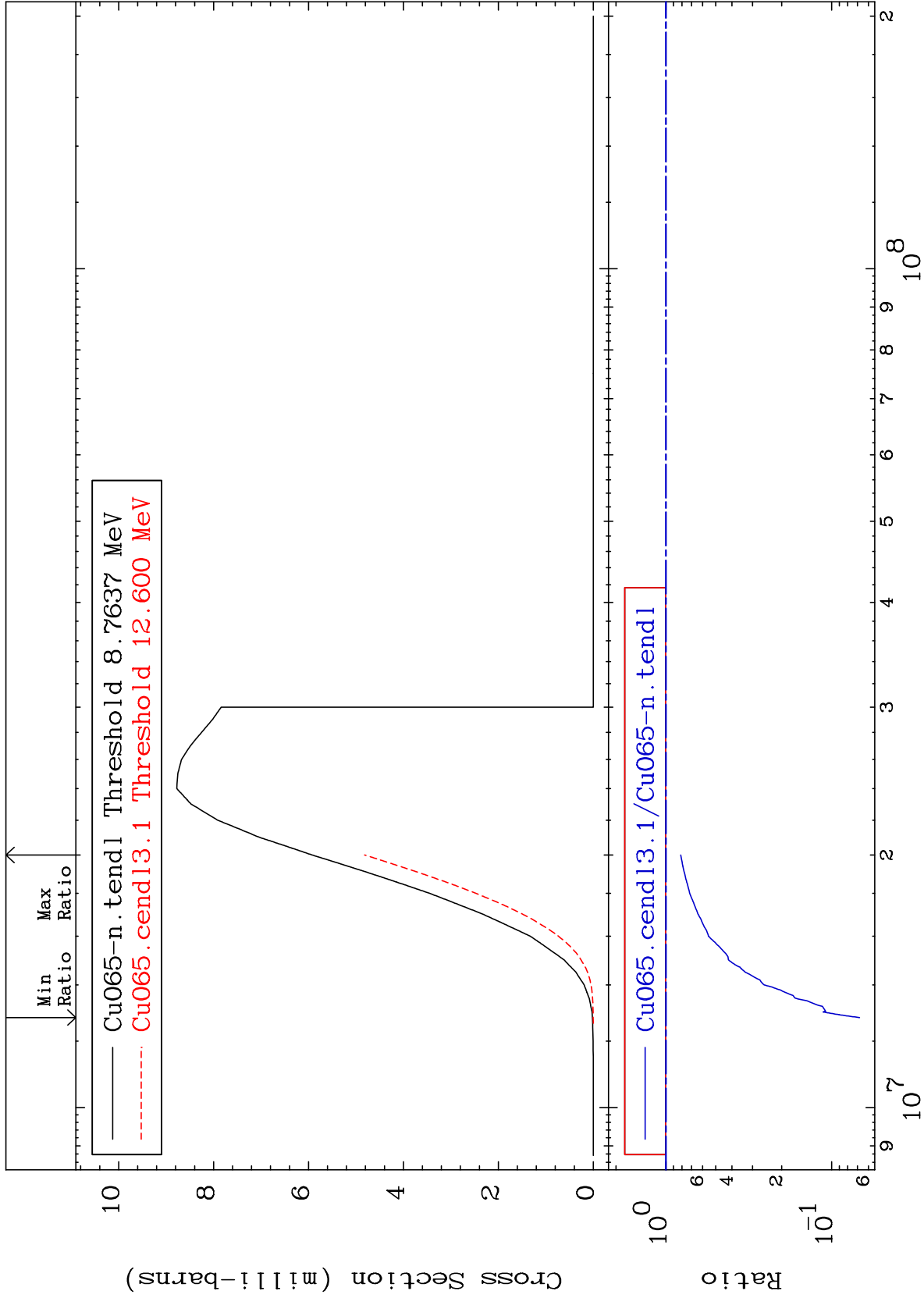
MAT 2931

(n, t)

29-Cu-65

Cross Section

-93.21 To -18.69%



21

Incident Energy (eV)

29-Cu-65

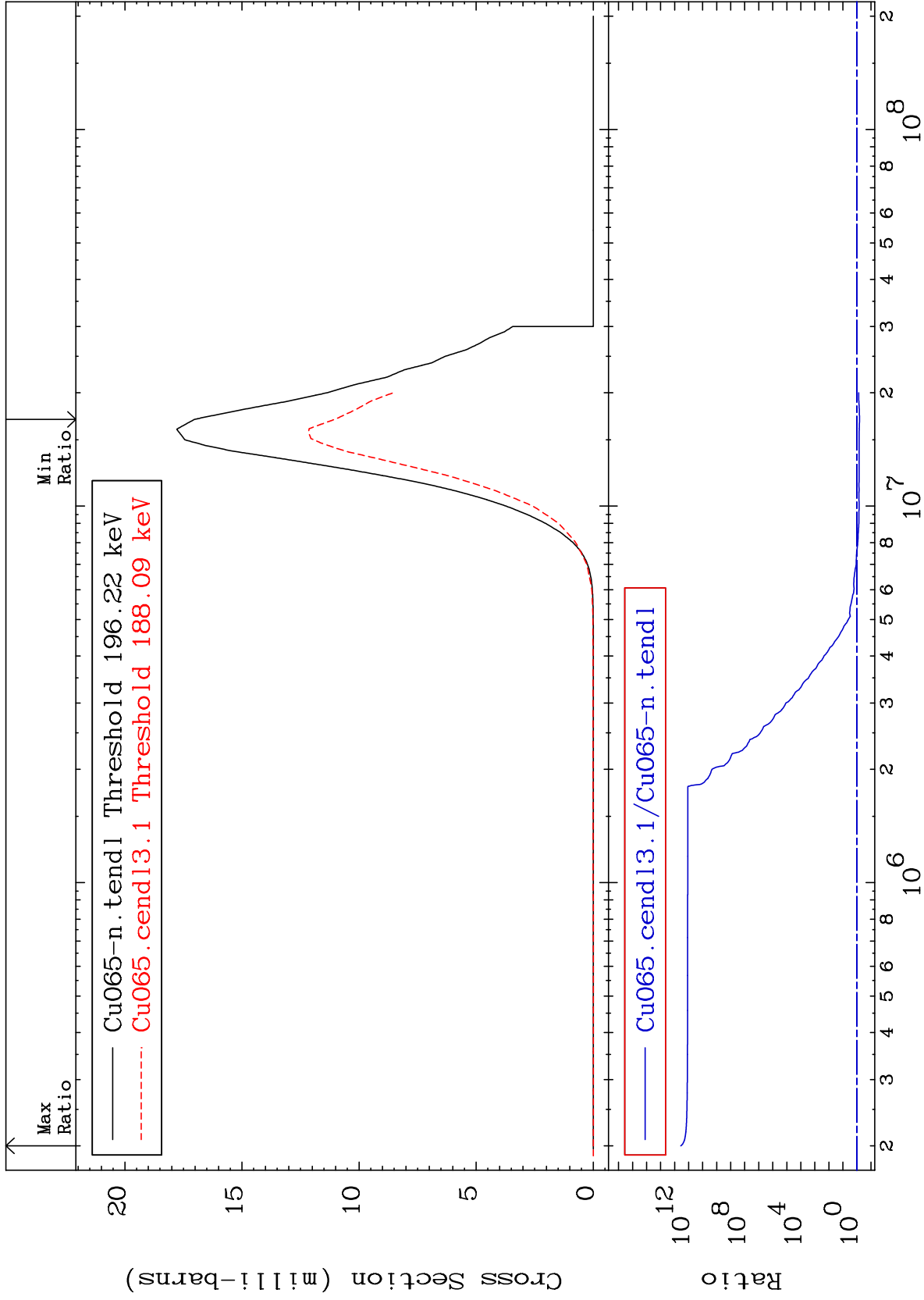
MAT 2931

(n, α)

29-Cu-65

Cross Section

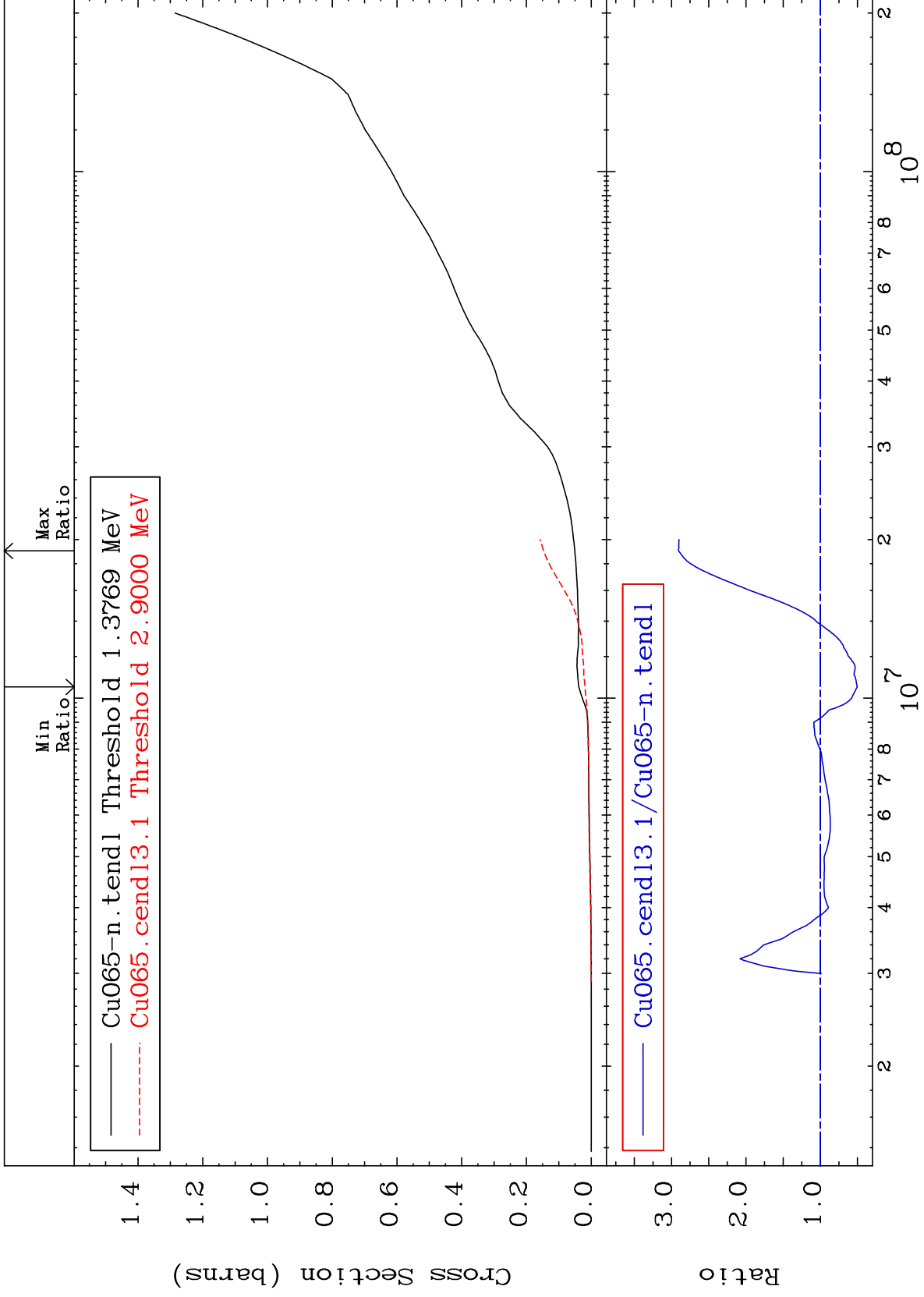
-35.15 To 9999. %



MAT 2931

Hydrogen Production
Cross Section

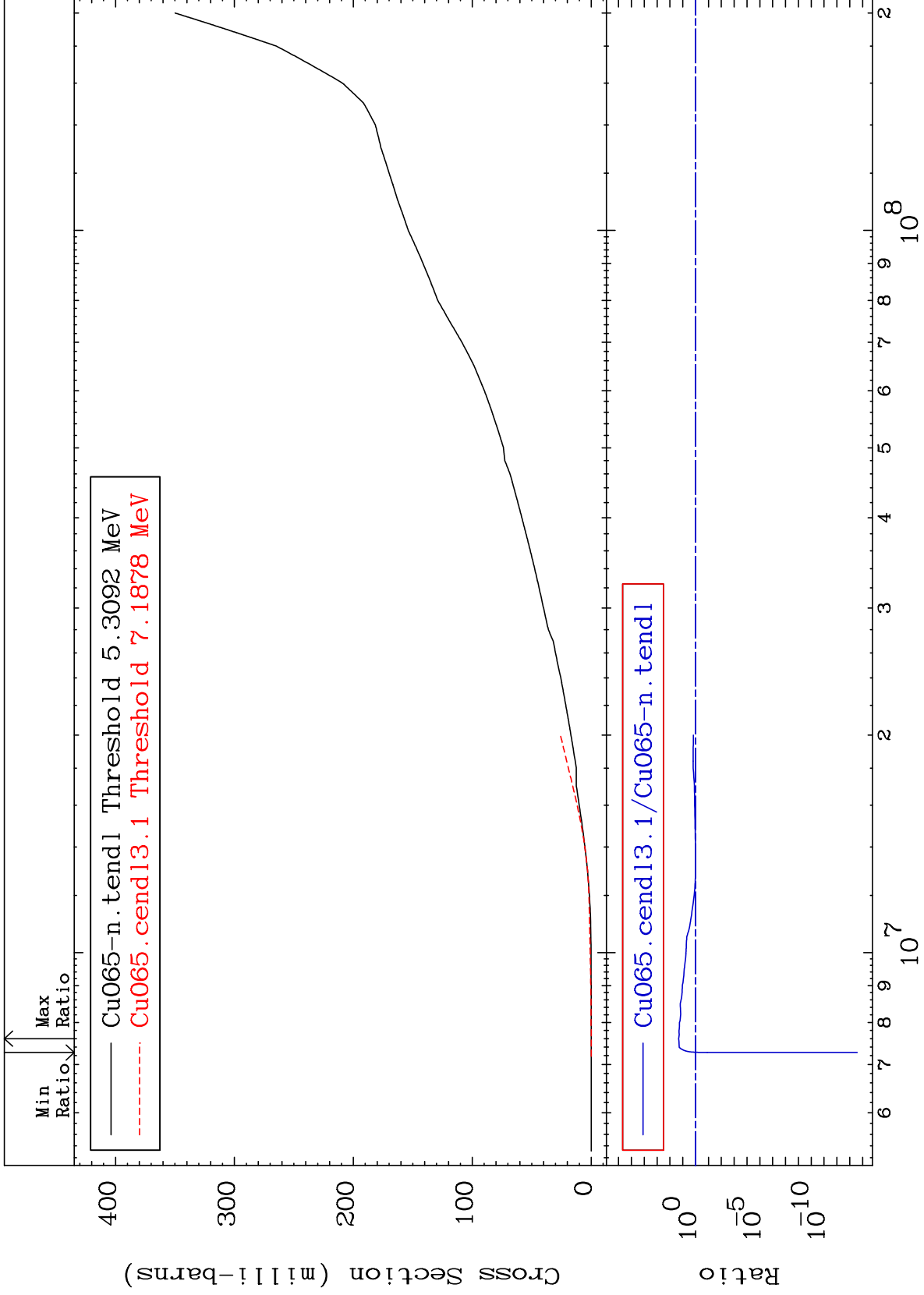
²⁹Cu-65
-49.61 To 190.4 %



MAT 2931

Deuterium Production
Cross Section

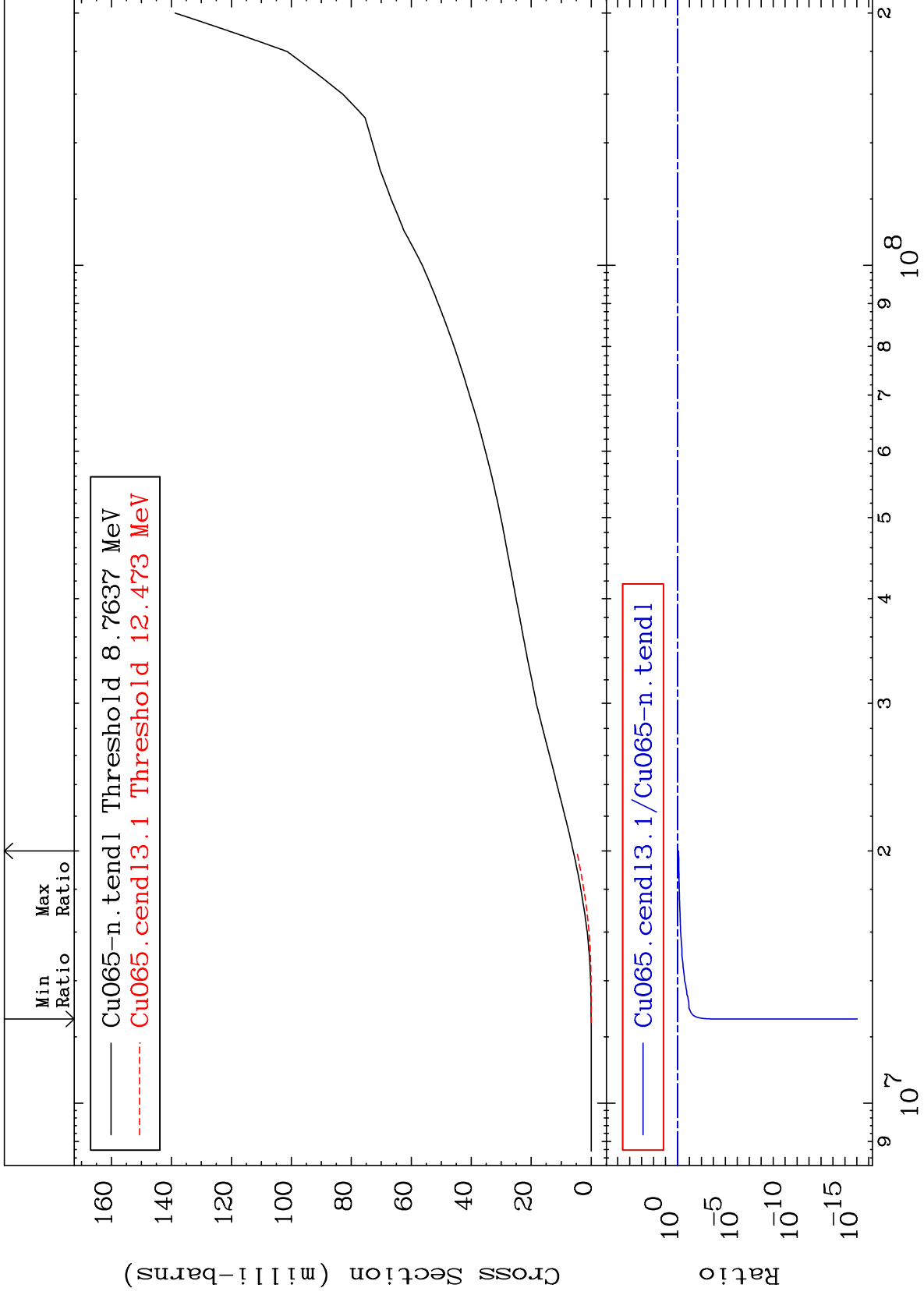
²⁹Cu-65
-100.0 To 1996. %



MAT 2931

Tritium Production
Cross Section

²⁹Cu-65
-100.0 To -19.67%



25

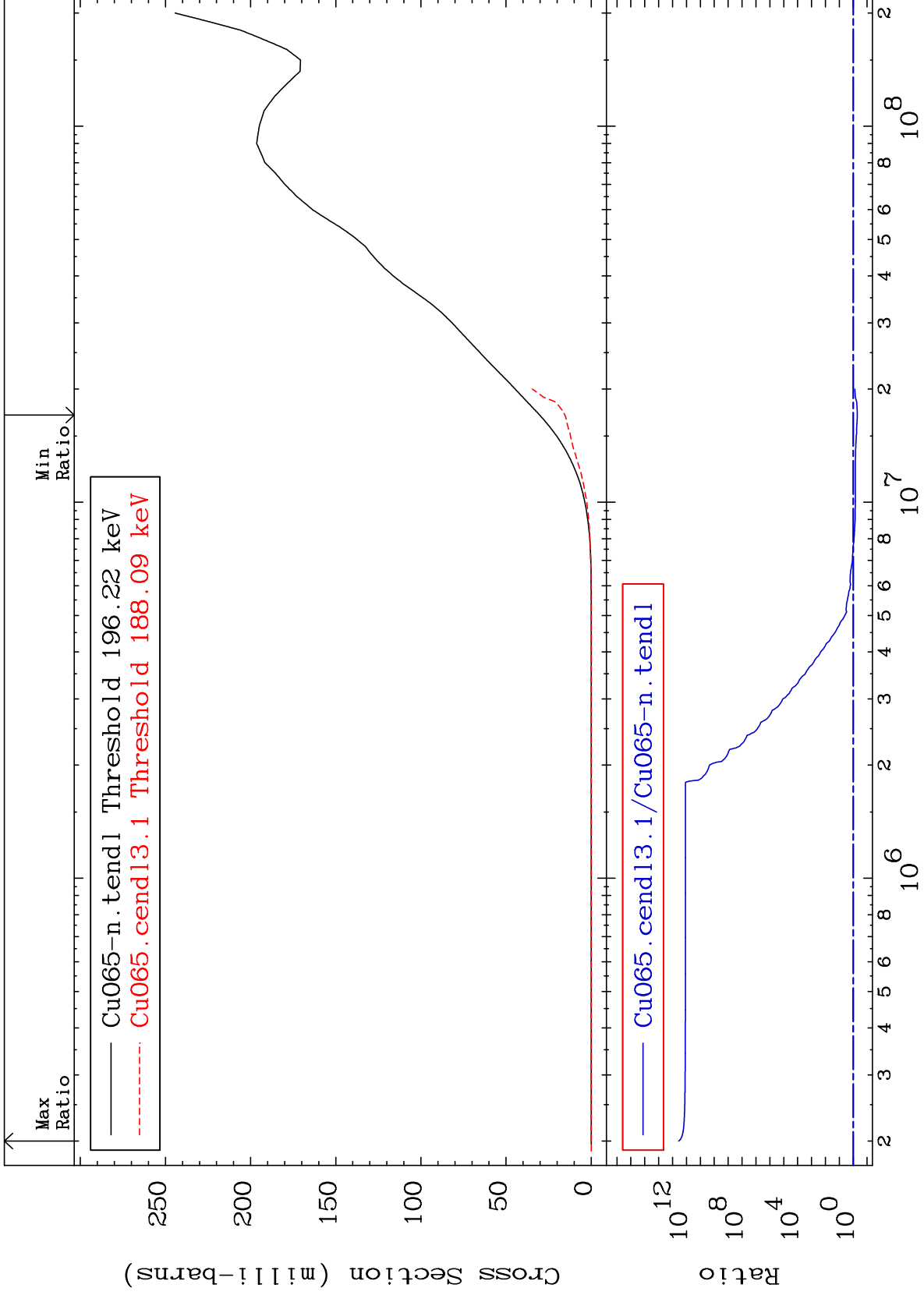
Incident Energy (eV)

²⁹Cu-65

MAT 2931

He-4 Production
Cross Section

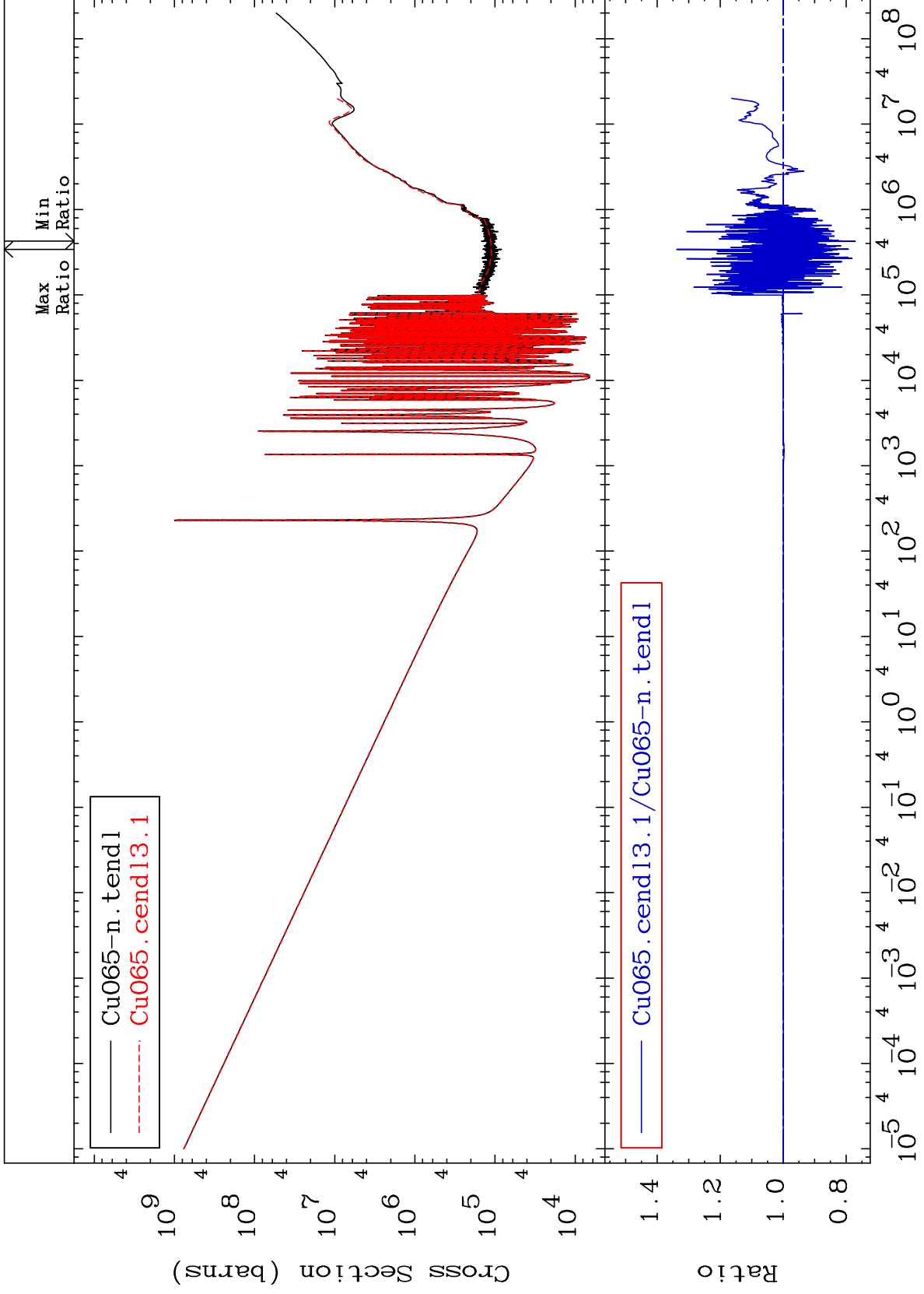
²⁹Cu-65
-48.74 To 9999. %



MAT 2931

Kerma total (eV-barns)
Cross Section

29-Cu-65
-22.81 To 33.71 %



27

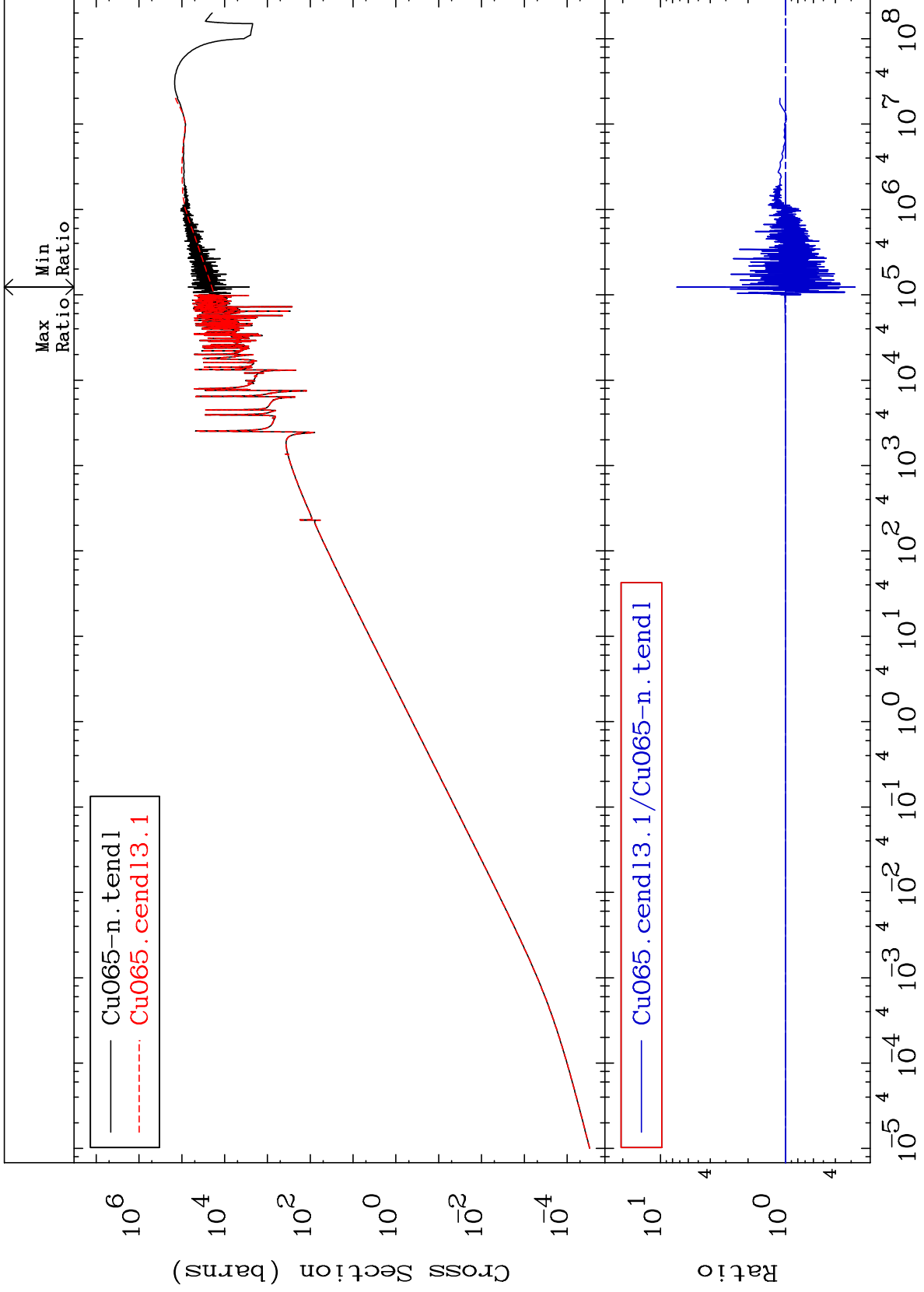
Incident Energy (eV)

29-Cu-65

MAT 2931

Kerma elastic
Cross Section

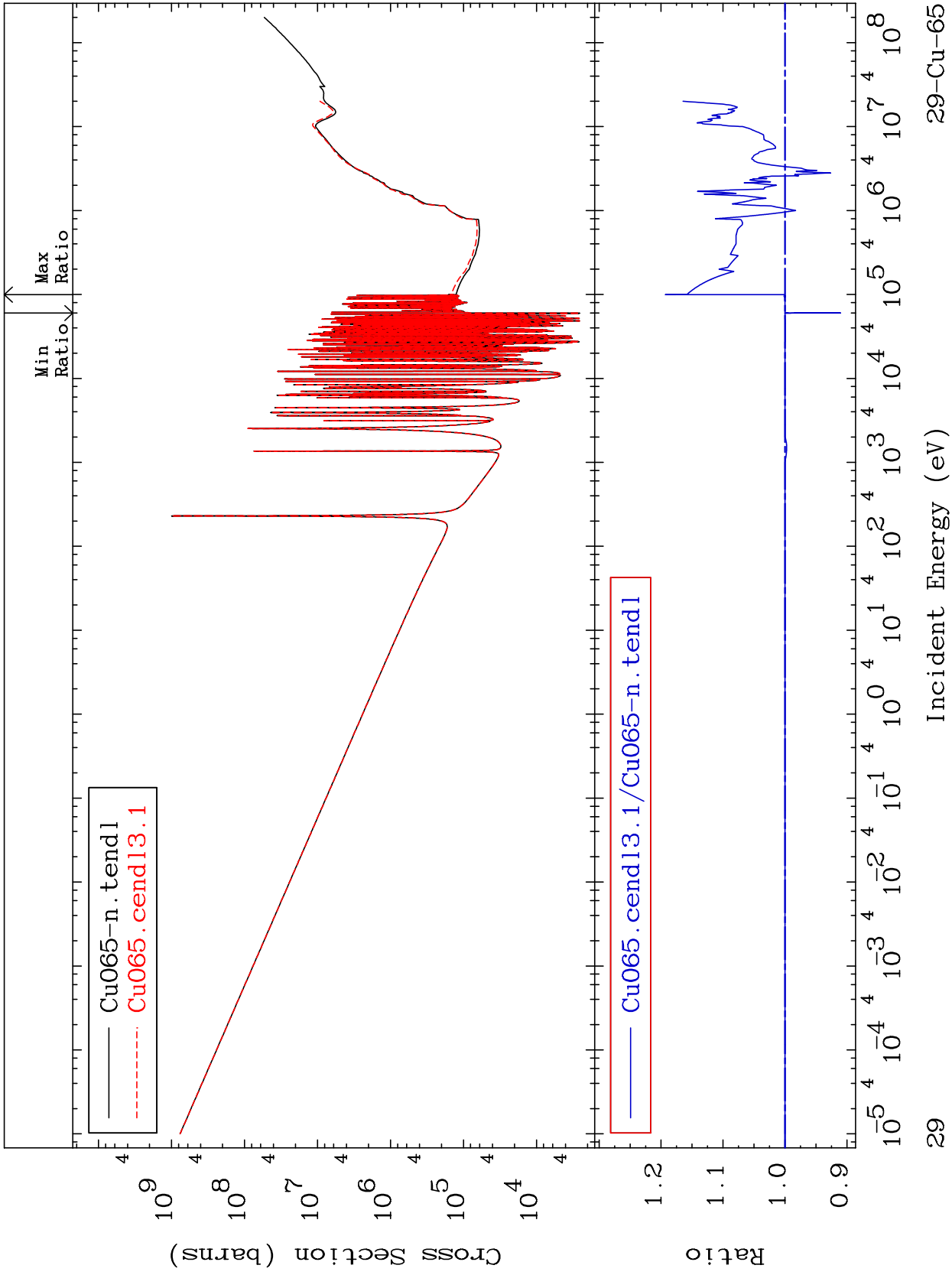
29-Cu-65
-72.12 To 638.9 %



MAT 2931

Kerma non-elastic (all but mt2)
Cross Section

29-Cu-65
-8.992 To 19.28 %



29

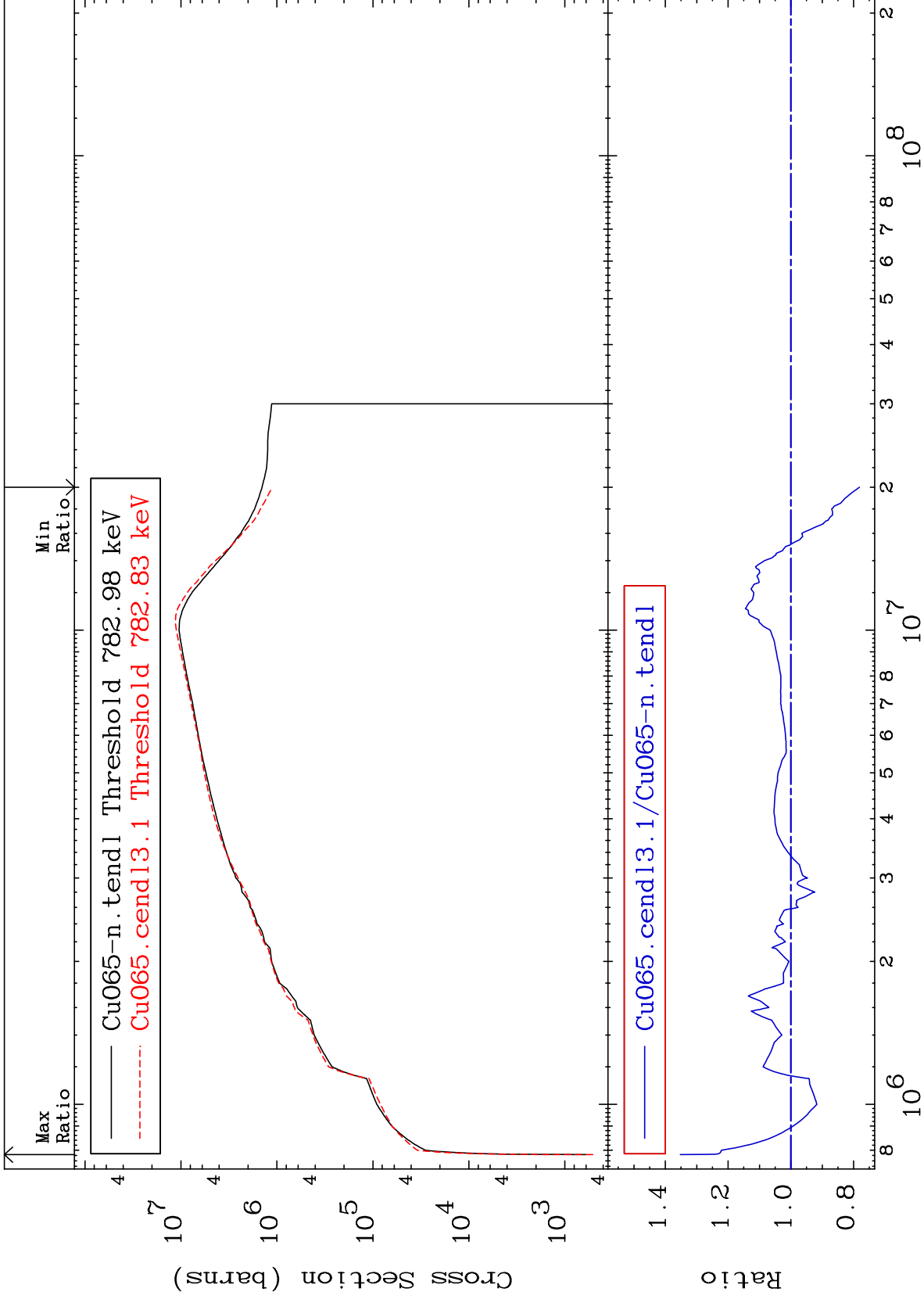
Incident Energy (eV)

29-Cu-65

MAT 2931

Kerma inelastic (mt51-91)
Cross Section

29-Cu-65
-21.86 To 35.21 %



30

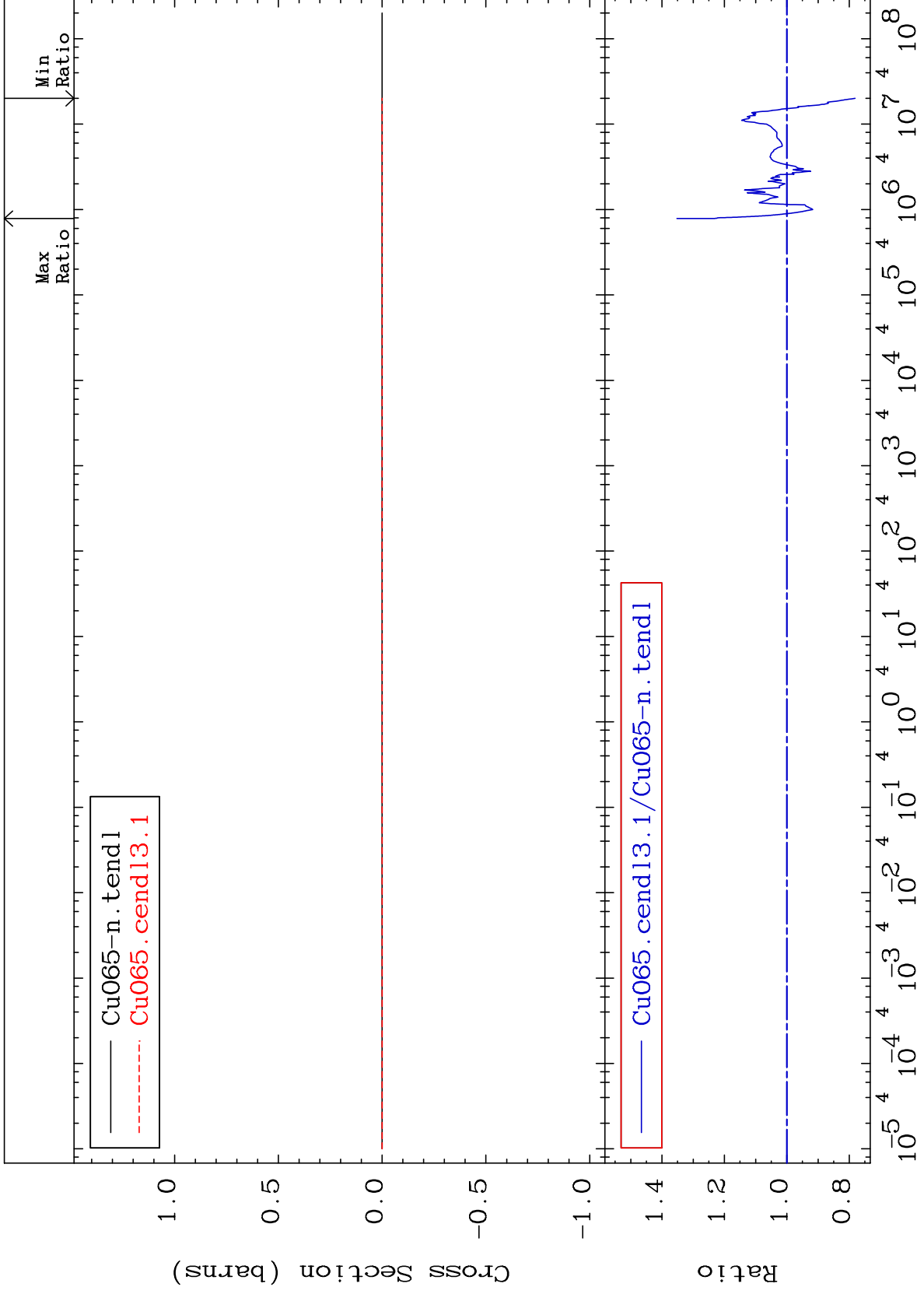
Incident Energy (eV)

29-Cu-65

MAT 2931

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

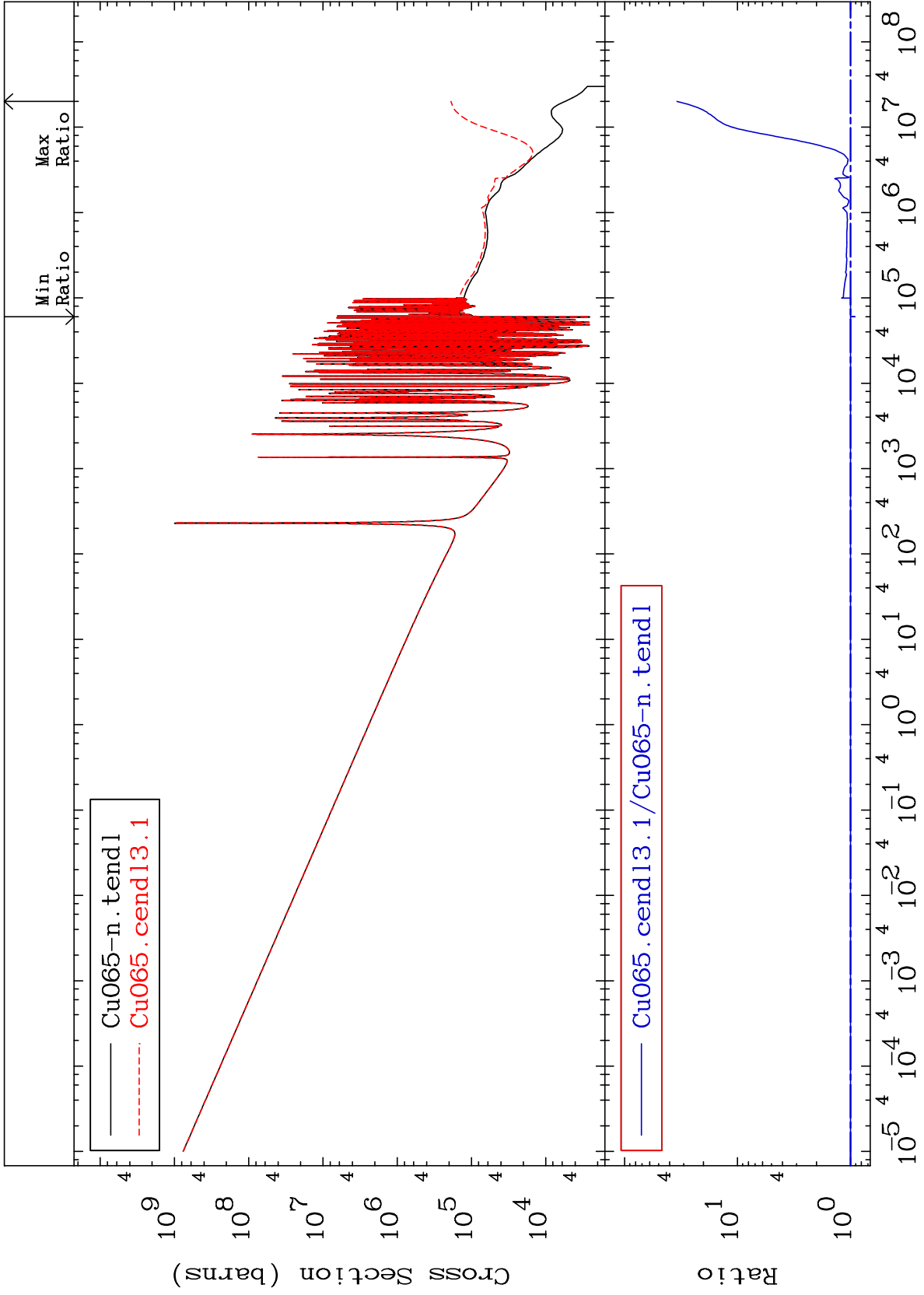
29-Cu-65
-21.86 To 35.21 %



MAT 2931

Kerma capture (mt102)
Cross Section

29-Cu-65
-8.992 To 3341. %



32

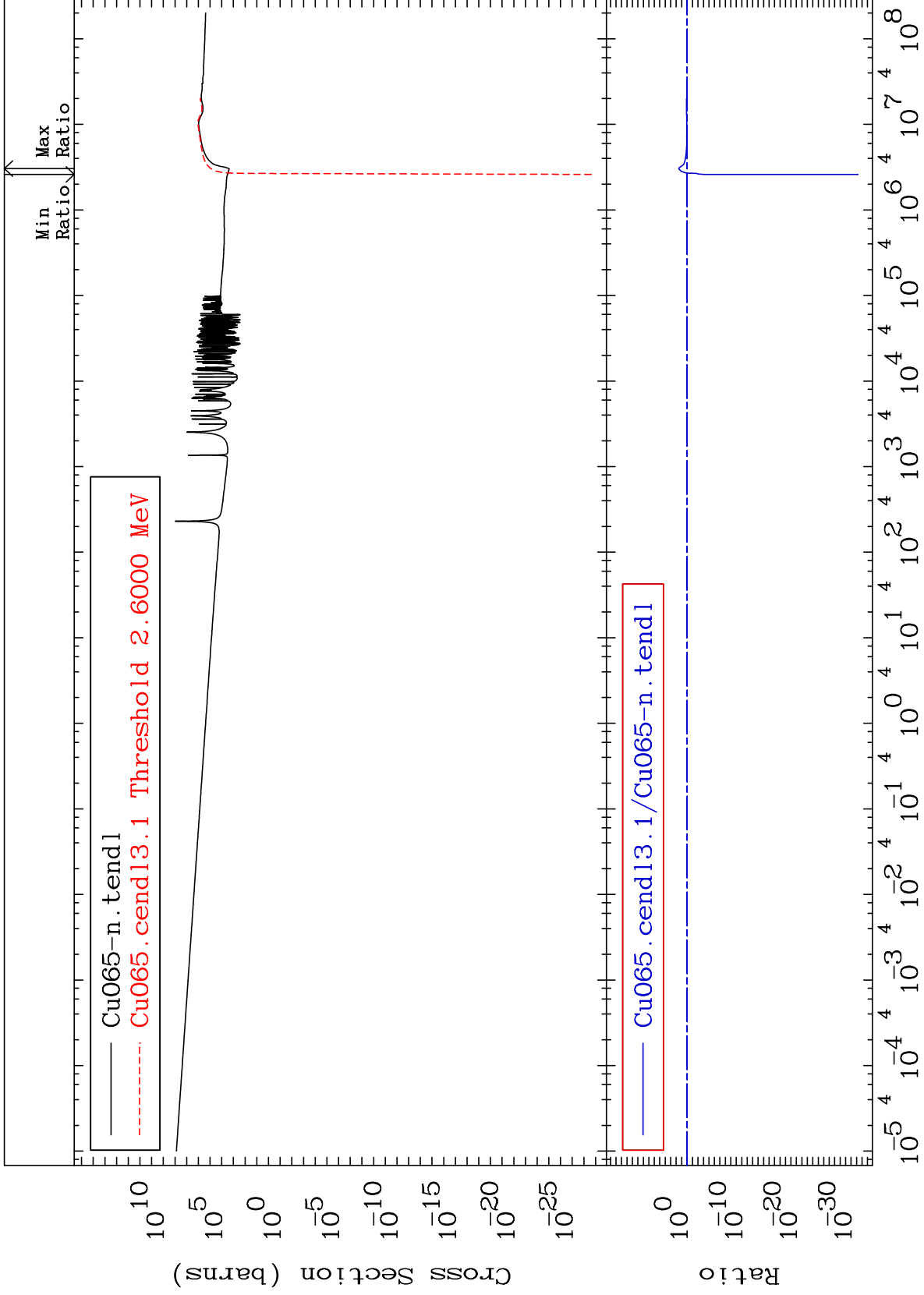
Incident Energy (eV)

29-Cu-65

MAT 2931

Total photon (eV-barns)
Cross Section

29-Cu-65
-100.0 To 3396. %



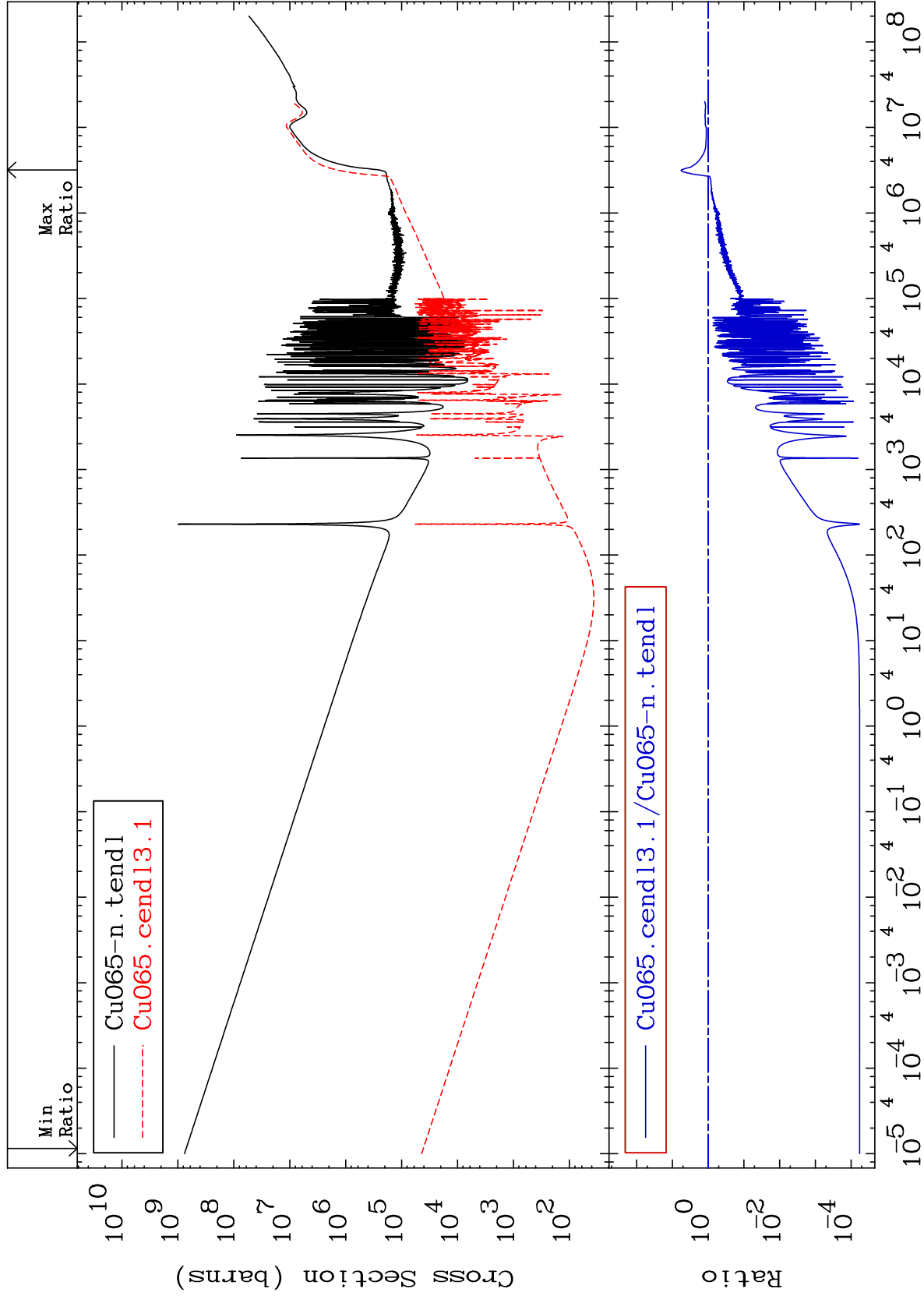
MAT 2931

Total kinematic kerma (high limit)

29-Cu-65

Cross Section

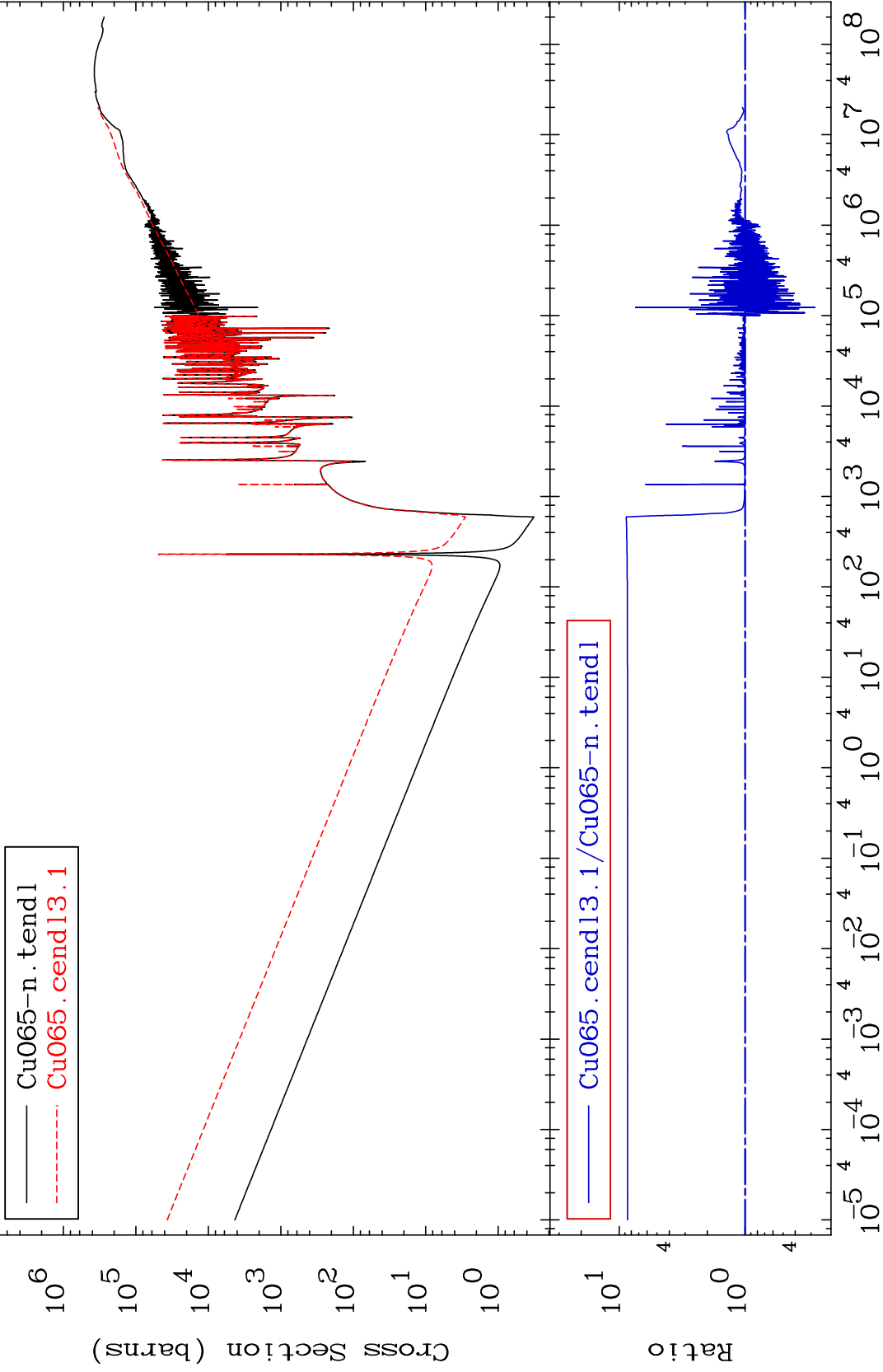
-99.99 To 465.3 %

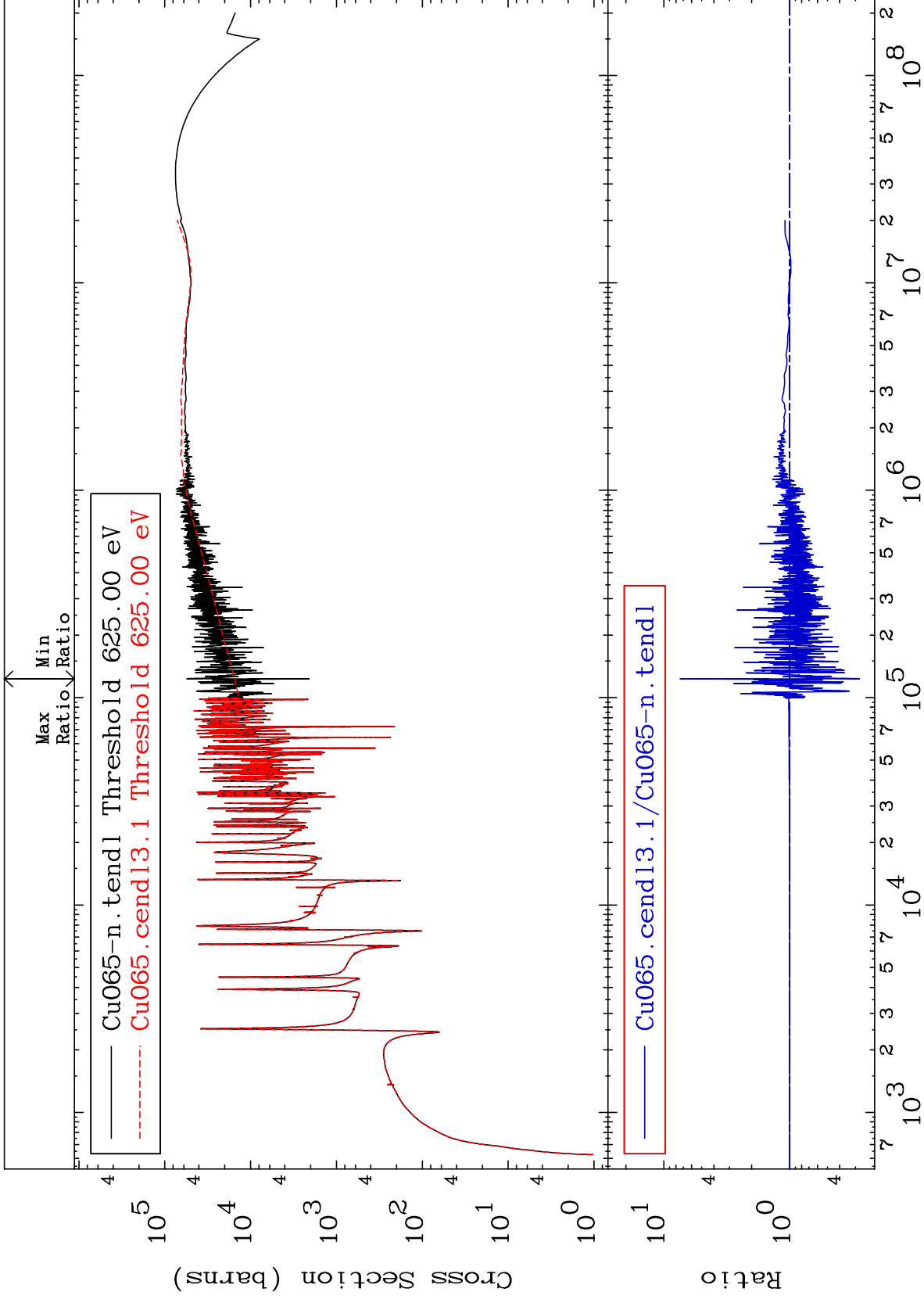


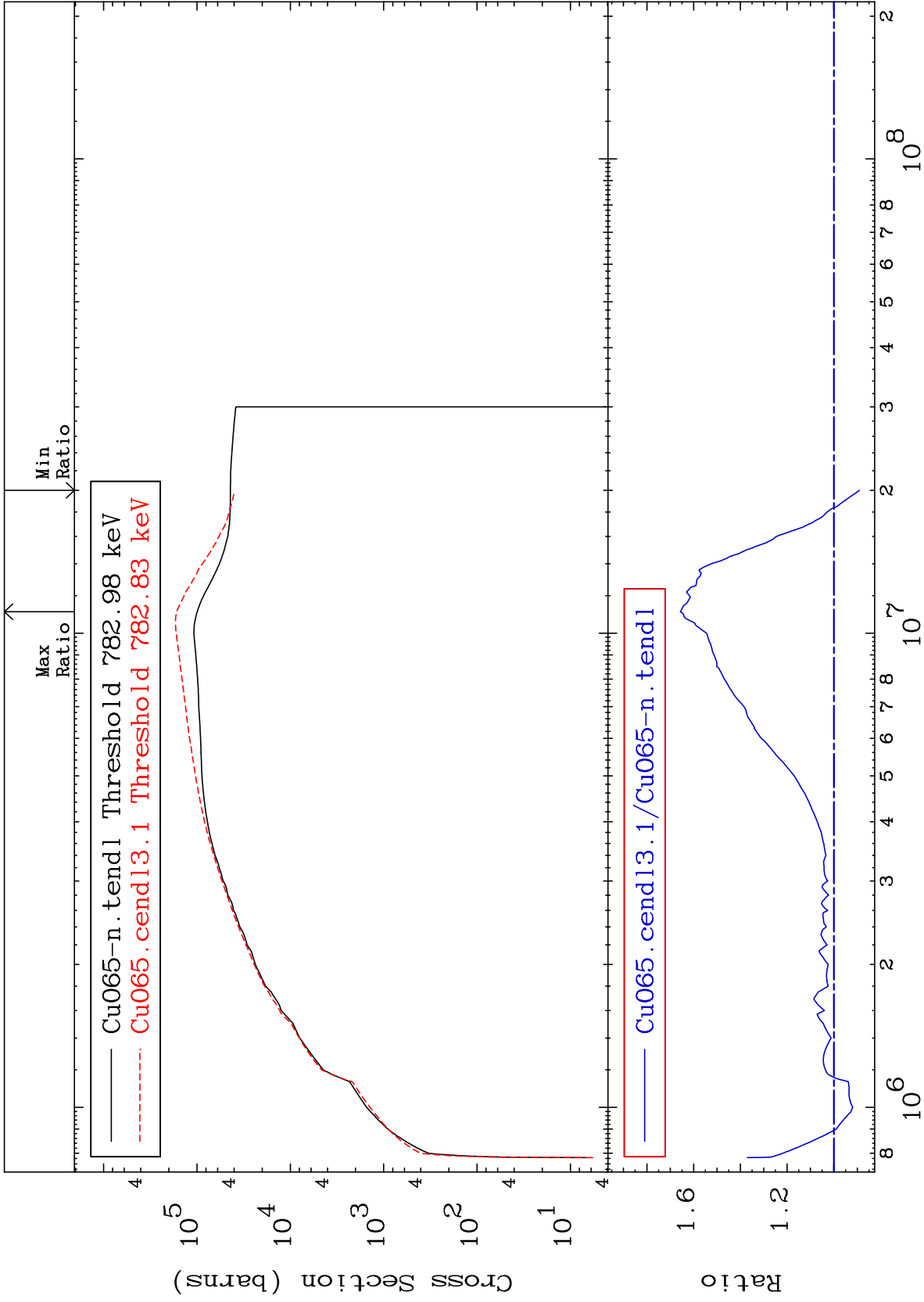
MAT 2931

Dpa total (eV-barns)
Cross Section

29-Cu-65
-72.09 To 778.3 %







MAT 2931

Dpa disappearance (mt102 -120)
Cross Section

29-Cu-65
0.142 To 9999. %

