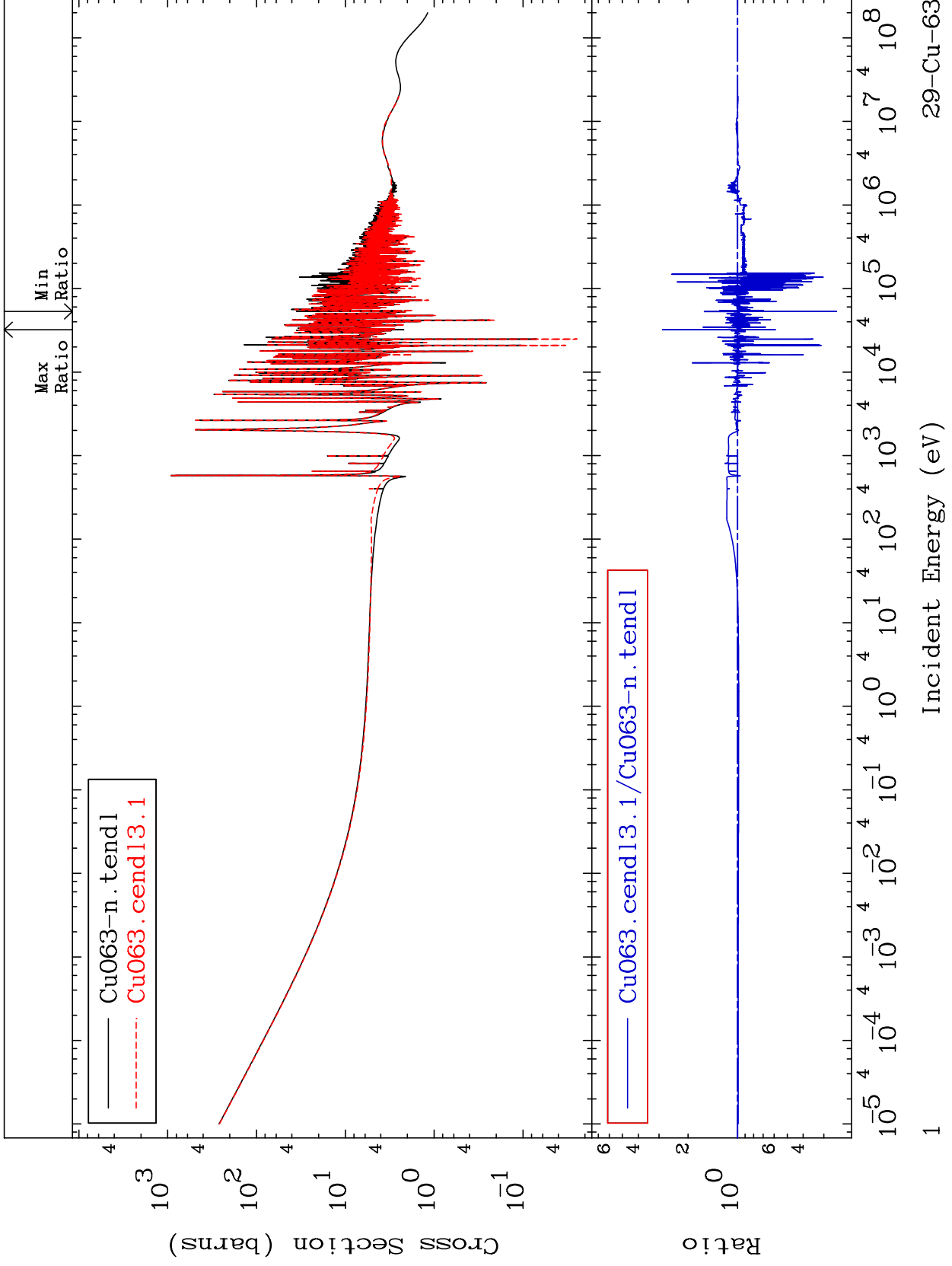


MAT 2925

Total
Cross Section

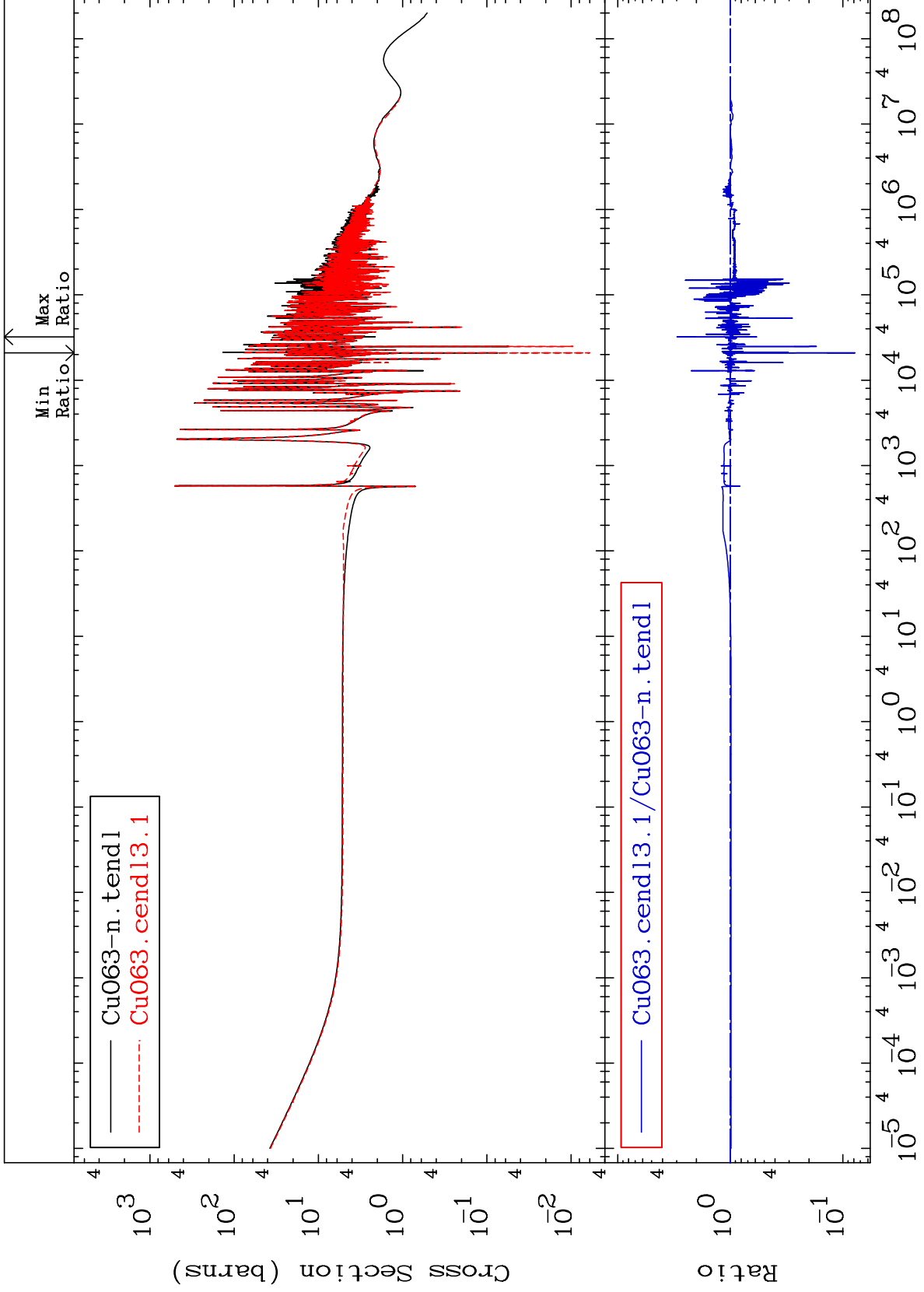
29-Cu-63
-74.93 To 186.2 %



MAT 2925

Elastic
Cross Section

29-Cu-63
-92.21 To 197.8 %



2

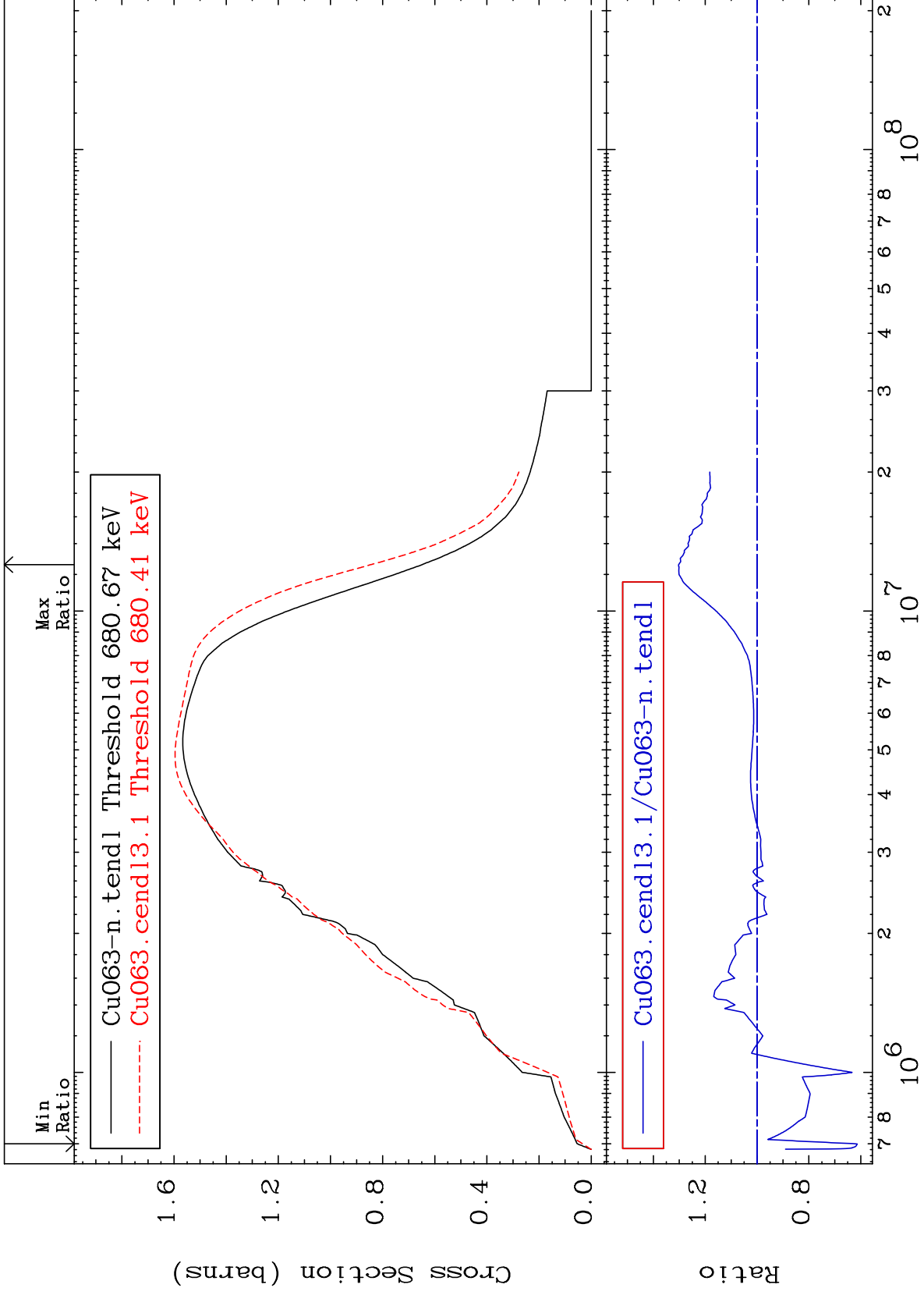
29-Cu-63

29-Cu-63

MAT 2925

Inelastic
Cross Section

29-Cu-63
-38.66 To 30.26 %



3

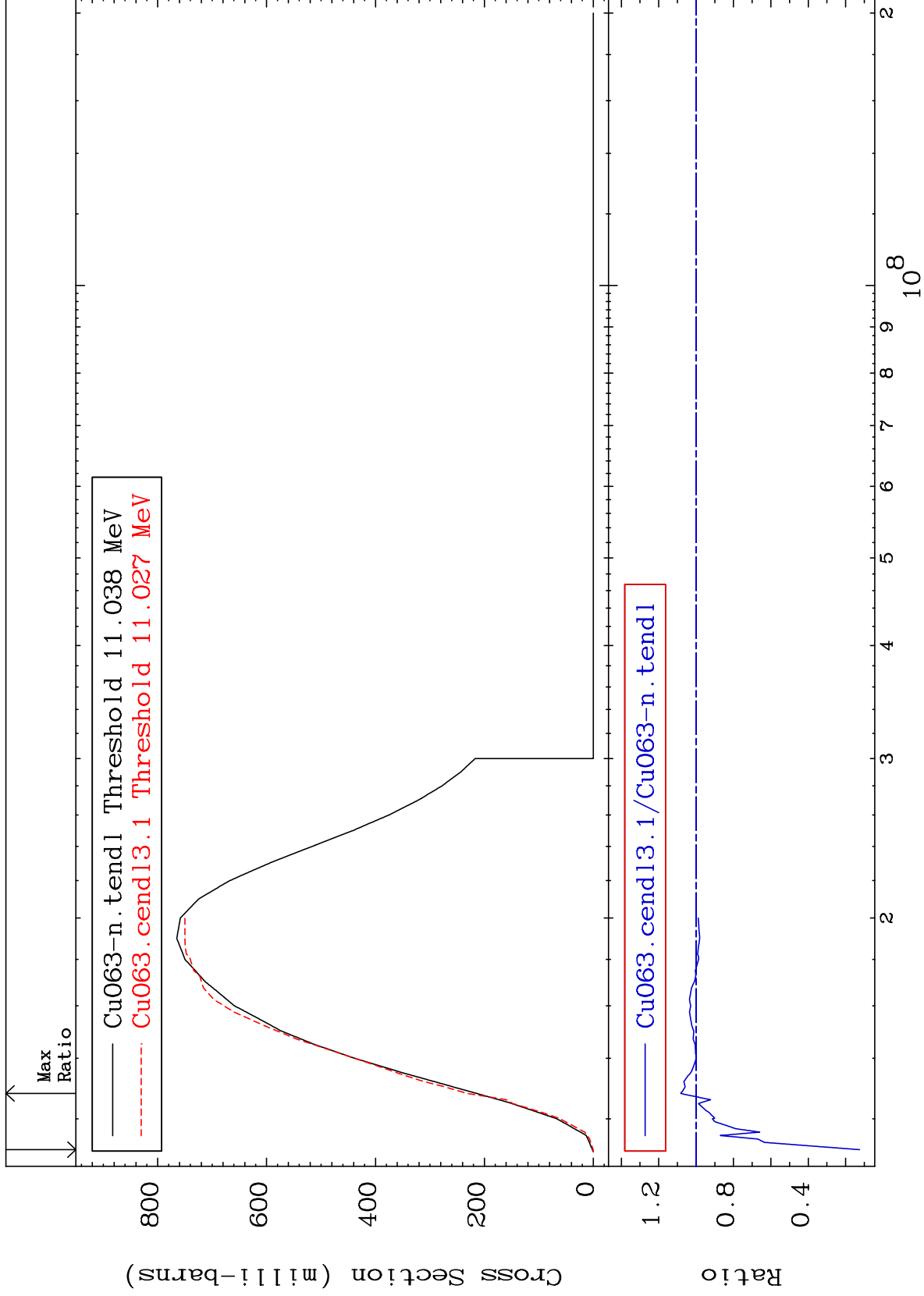
Incident Energy (eV)

29-Cu-63

MAT 2925

(n,2n)
Cross Section

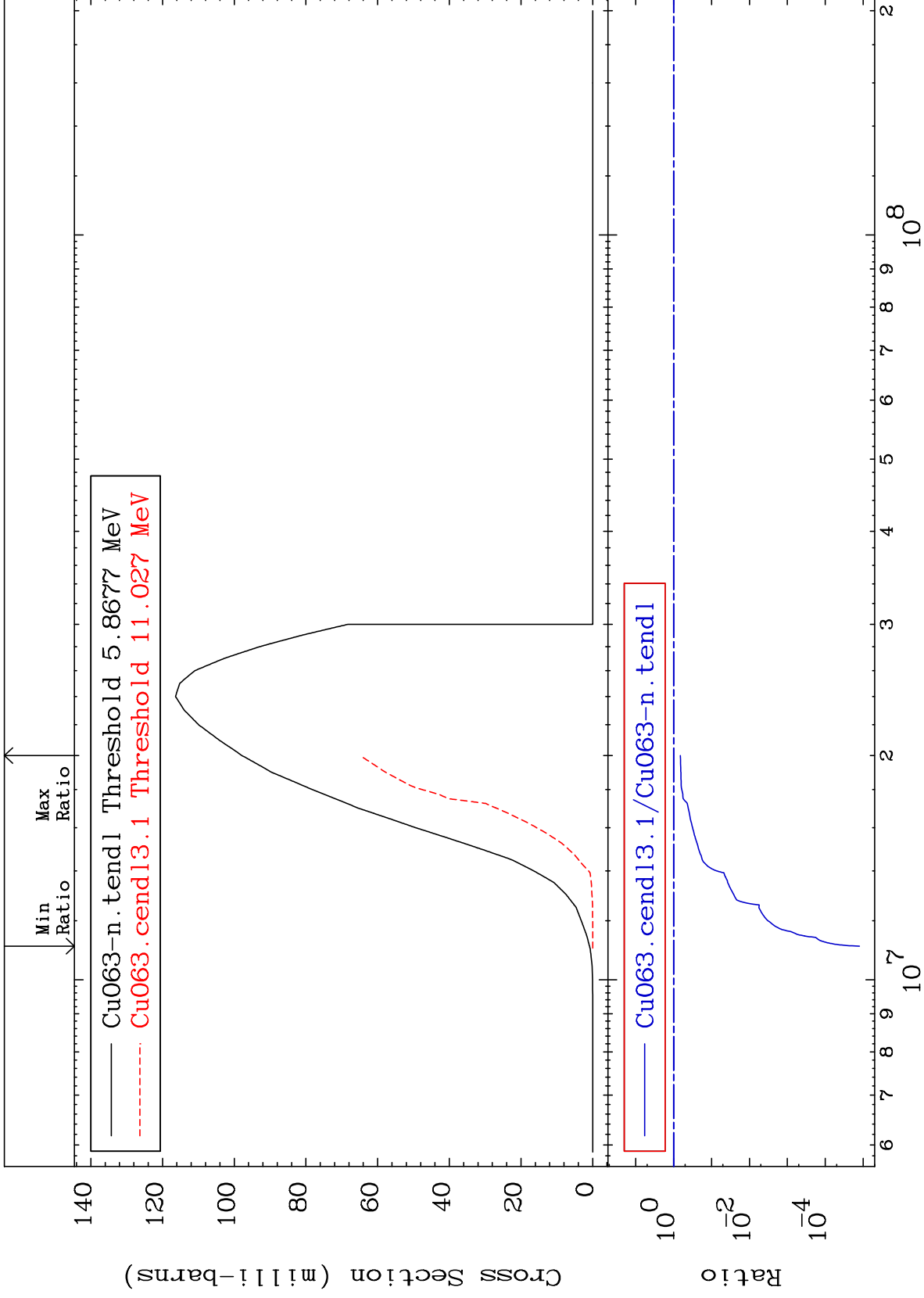
29-Cu-63
-87.43 To 8.194 %



MAT 2925

(n,n') α
Cross Section

29-Cu-63
-100.0 To -33.64%



5

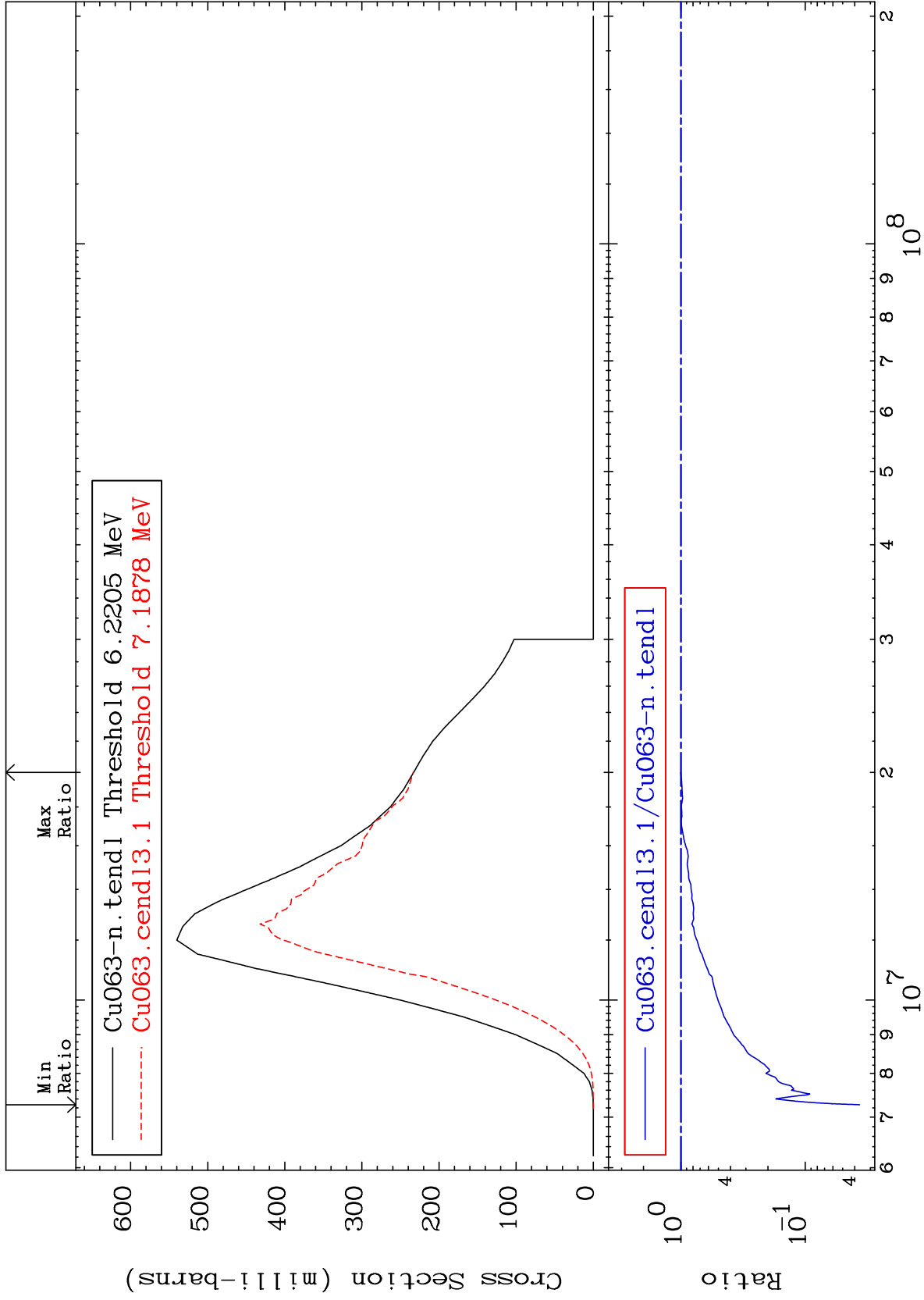
Incident Energy (eV)

29-Cu-63

MAT 2925

(n, n') p
Cross Section

29-Cu-63
-96.34 To 0.223 %



6

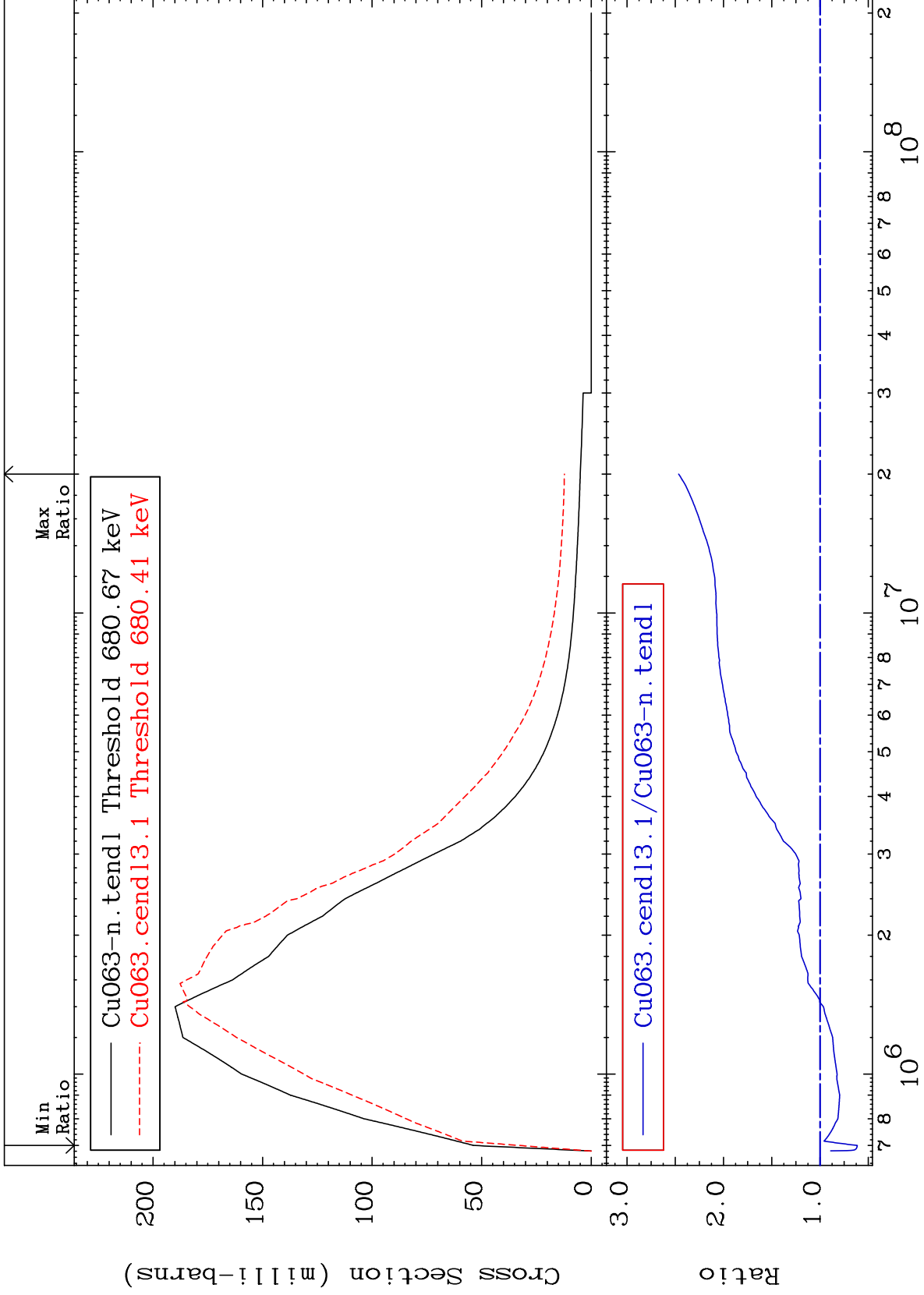
Incident Energy (eV)

29-Cu-63

MAT 2925

669.9 keV (n,n') Level
Cross Section

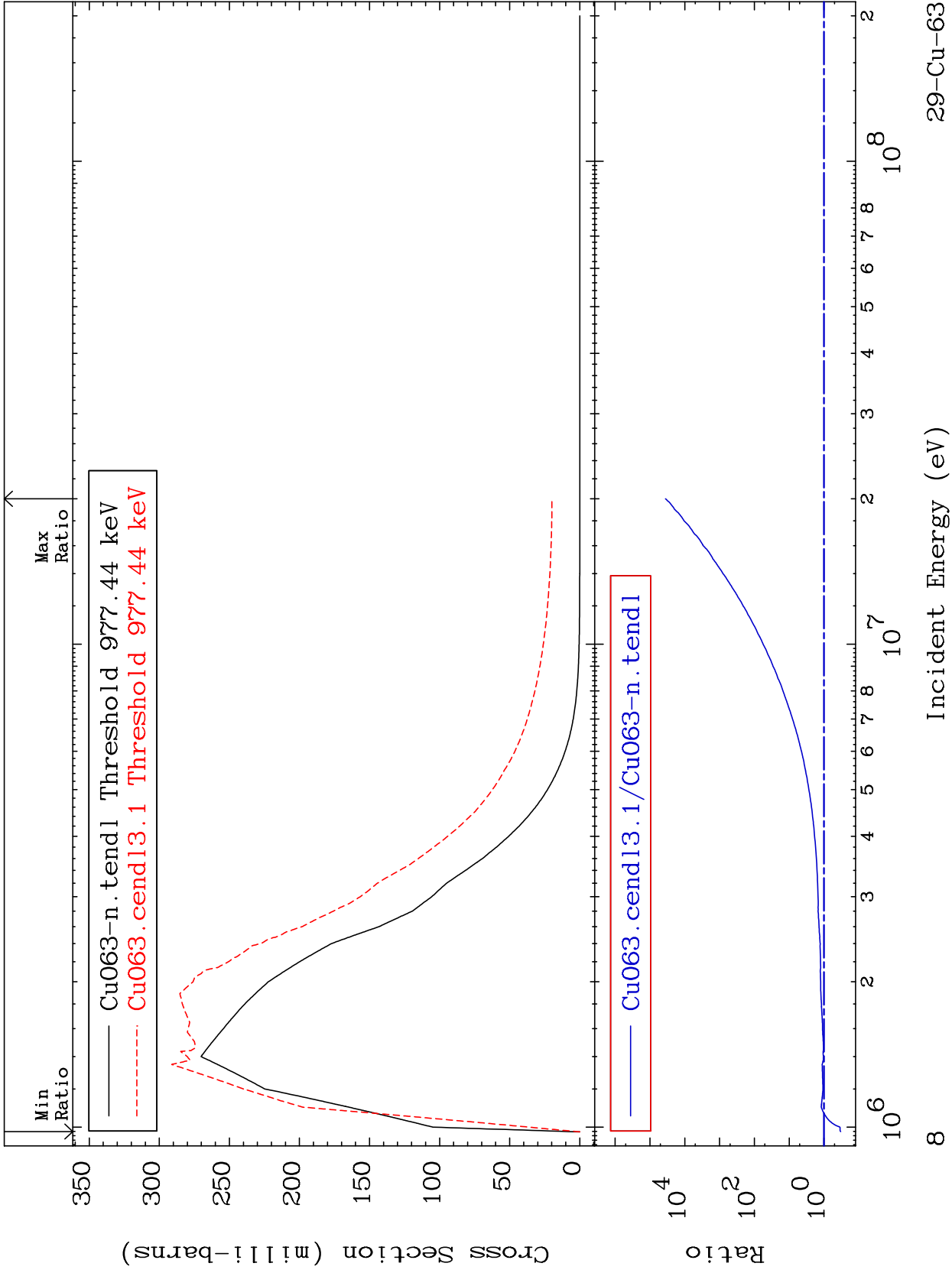
29-Cu-63
-38.66 To 146.5 %



MAT 2925

962.0 keV (n,n') Level
Cross Section

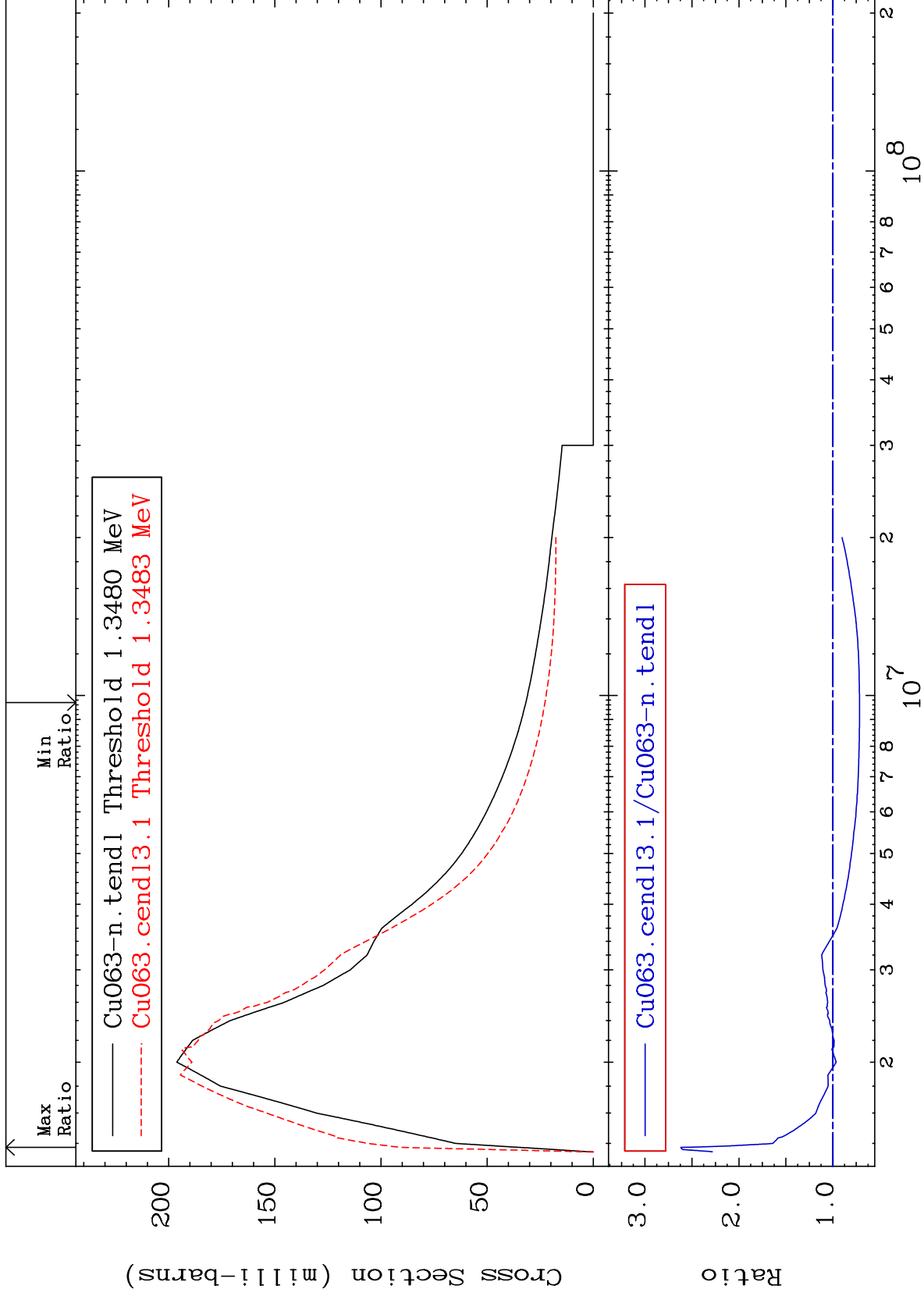
29-Cu-63
-66.85 To 9999. %



MAT 2925

1.327 MeV (n,n') Level
Cross Section

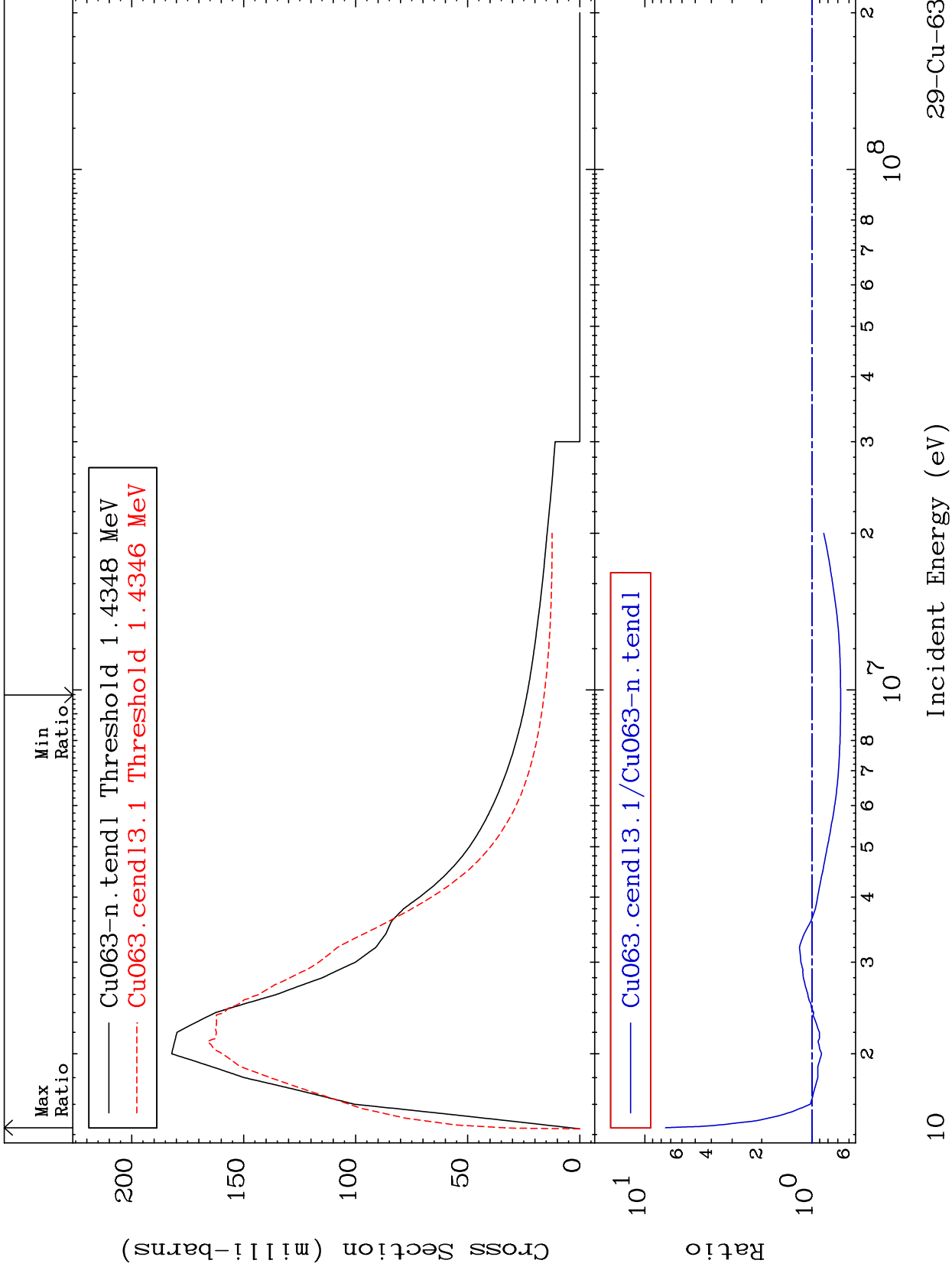
29-Cu-63
-28.44 To 161.9 %



MAT 2925

1.412 MeV (n,n') Level
Cross Section

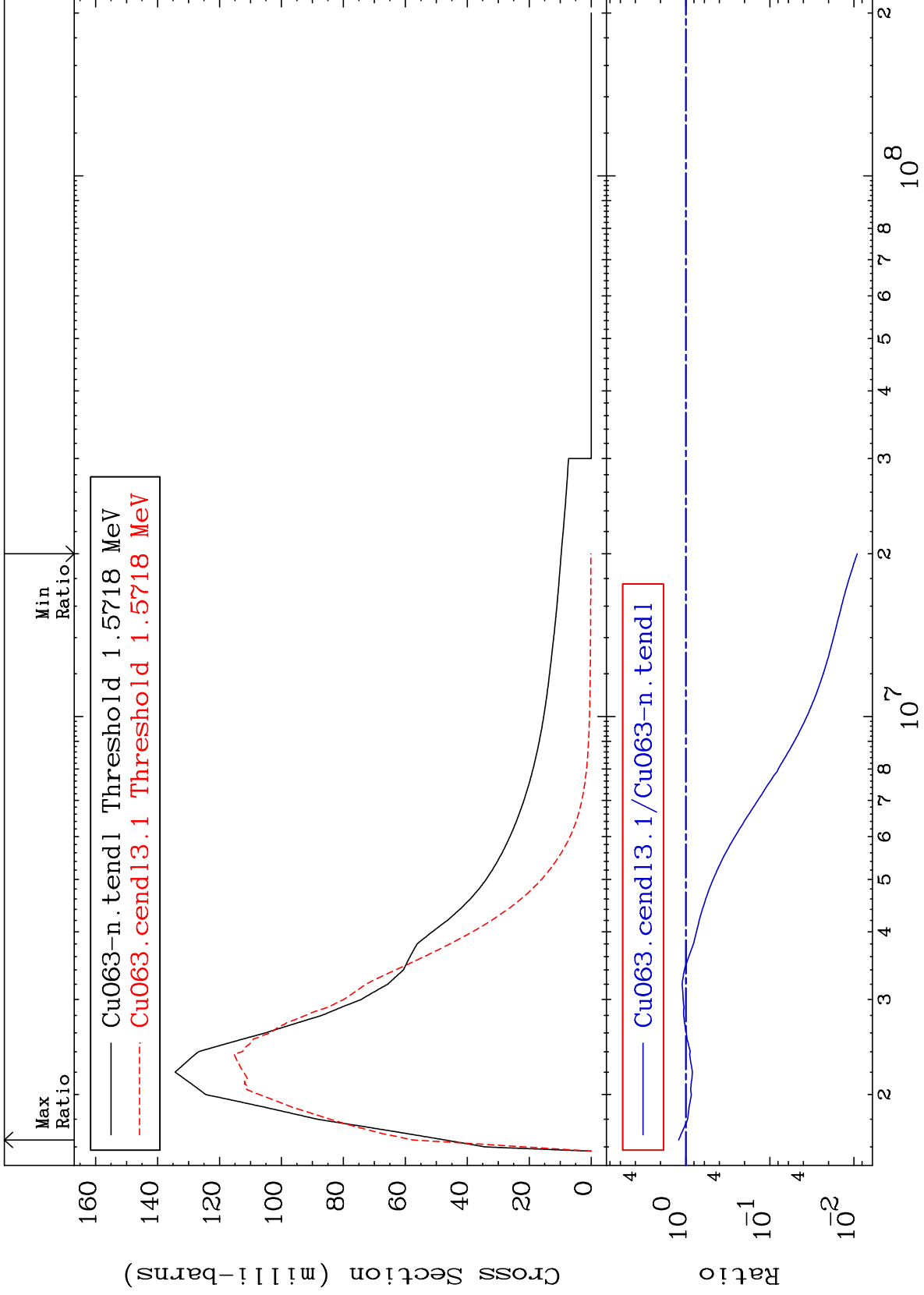
29-Cu-63
-32.71 To 652.8 %



MAT 2925

1.547 MeV (n,n') Level
Cross Section

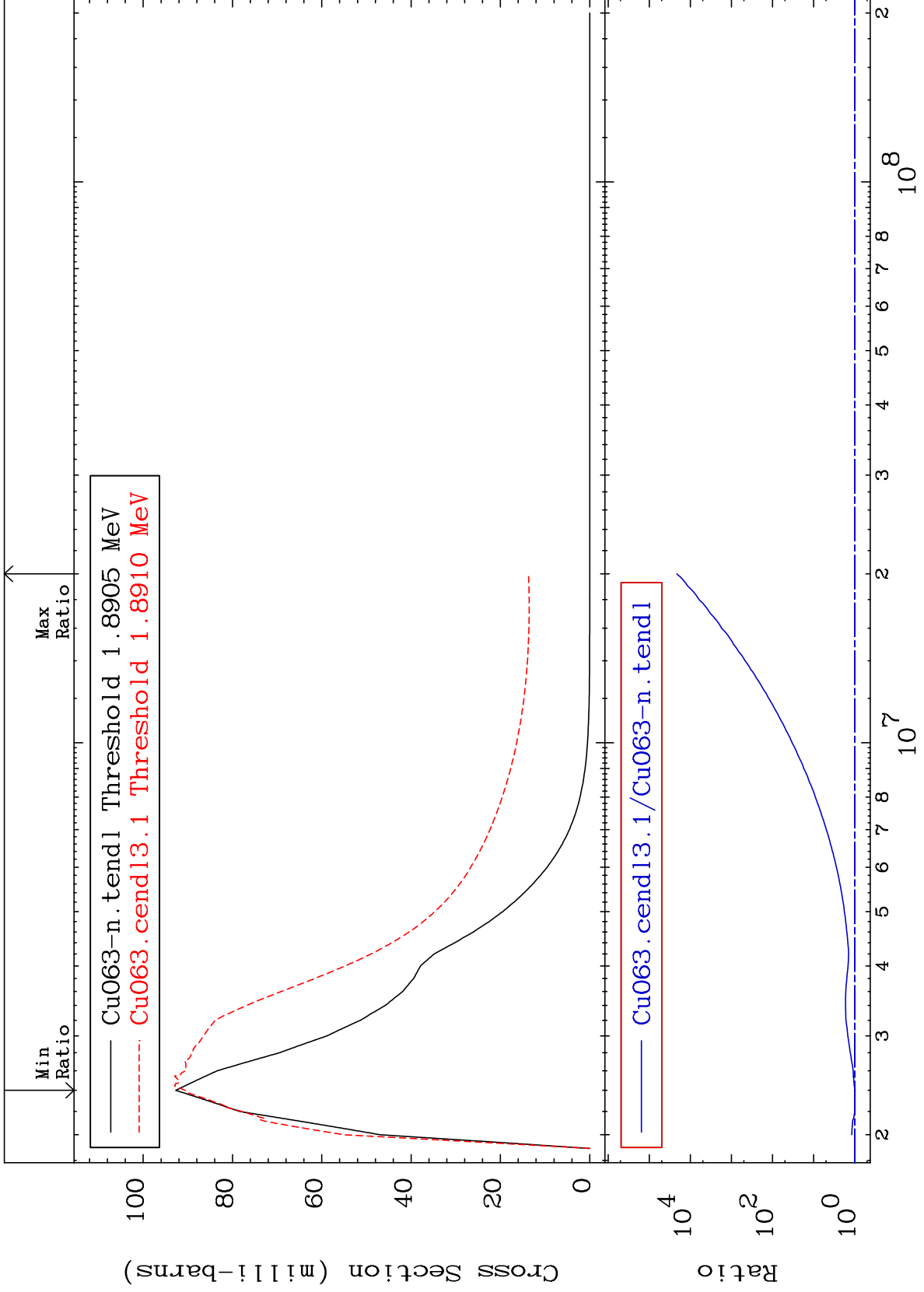
29-Cu-63
-99.09 To 21.80 %



MAT 2925

1.861 MeV (n,n') Level
Cross Section

29-Cu-63
-2.219 To 9999. %



12

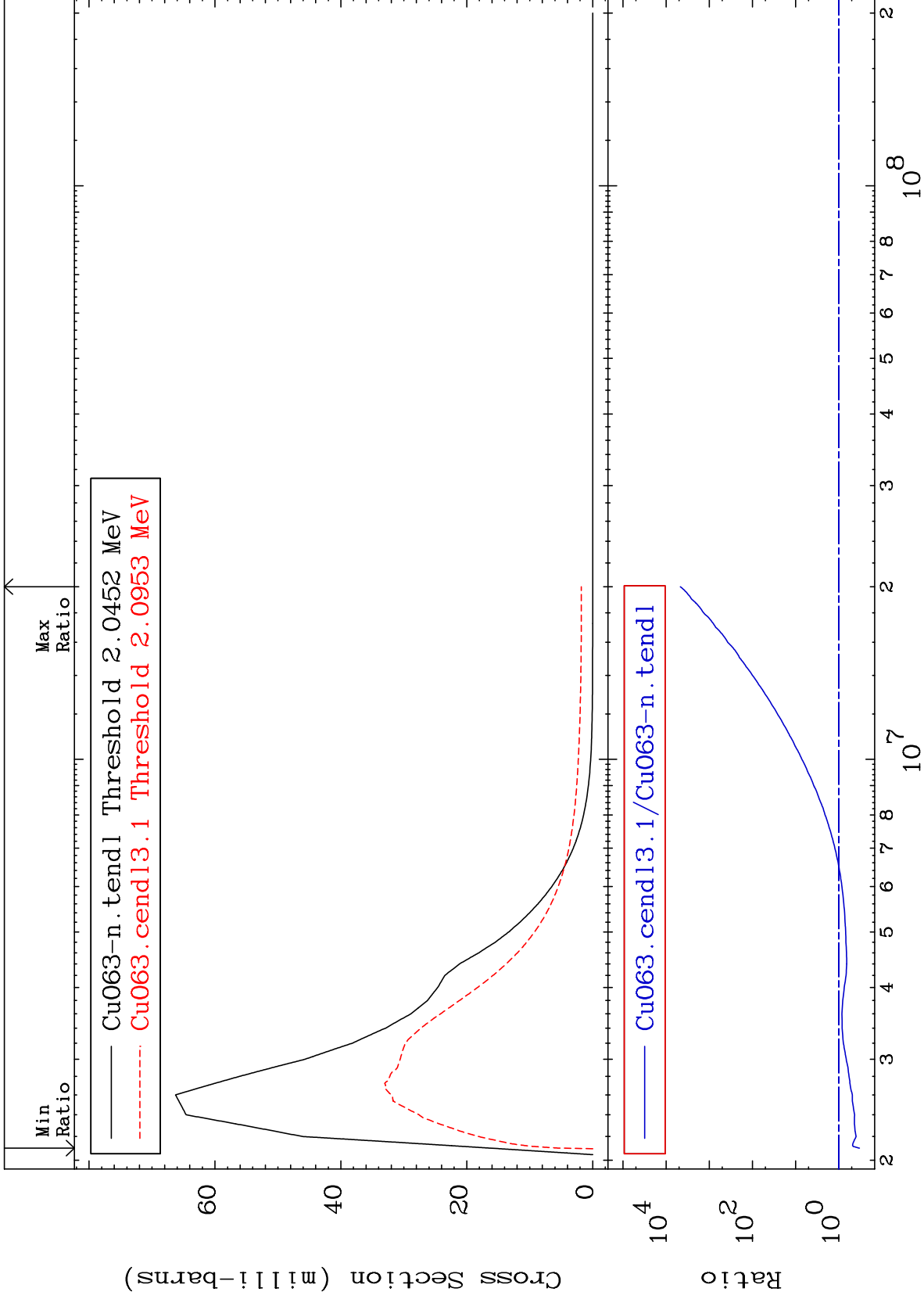
Incident Energy (eV)

29-Cu-63

MAT 2925

2.013 MeV (n,n') Level
Cross Section

29-Cu-63
-66.95 To 9999. %



14

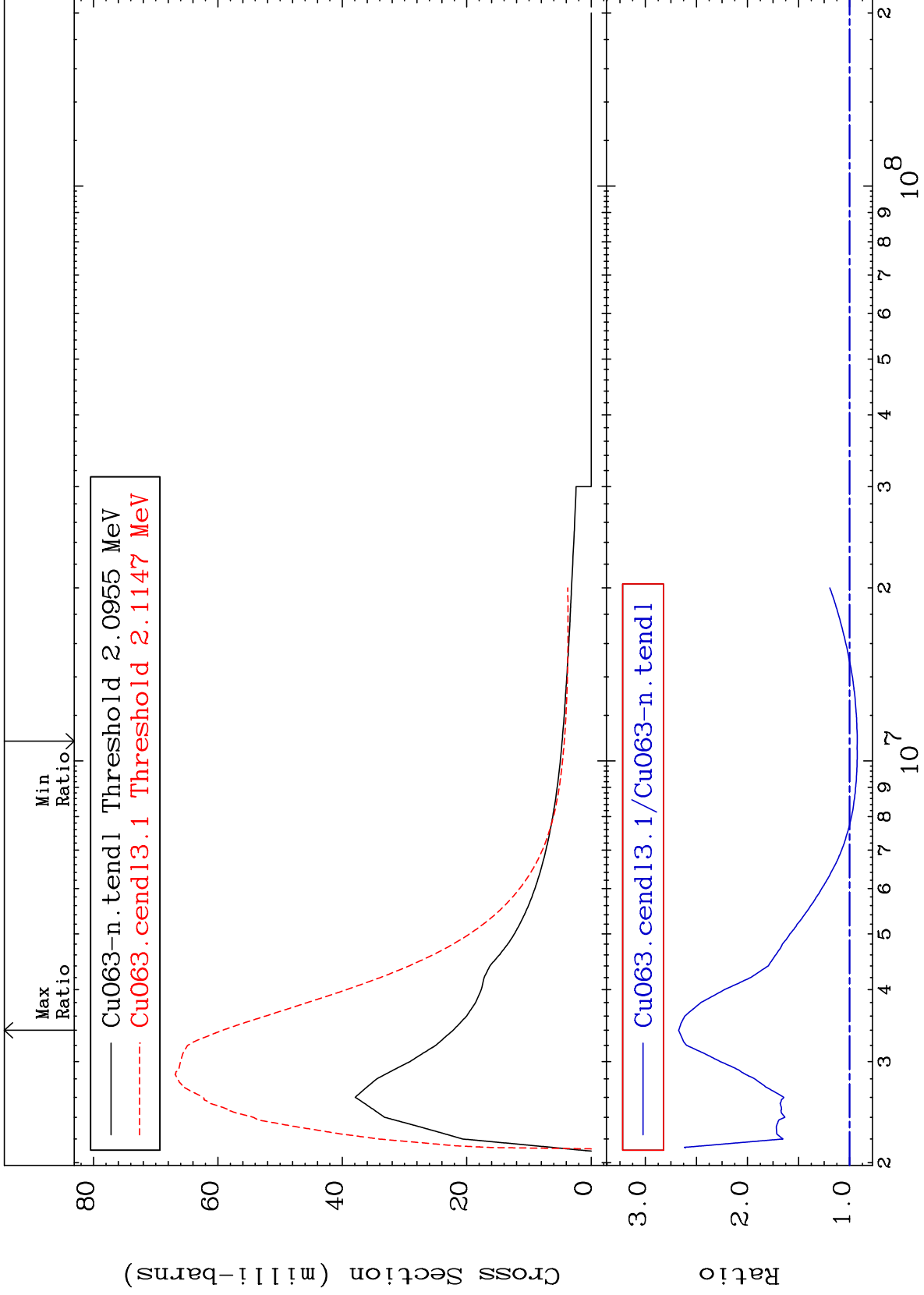
Incident Energy (eV)

29-Cu-63

MAT 2925

2.062 MeV (n,n') Level
Cross Section

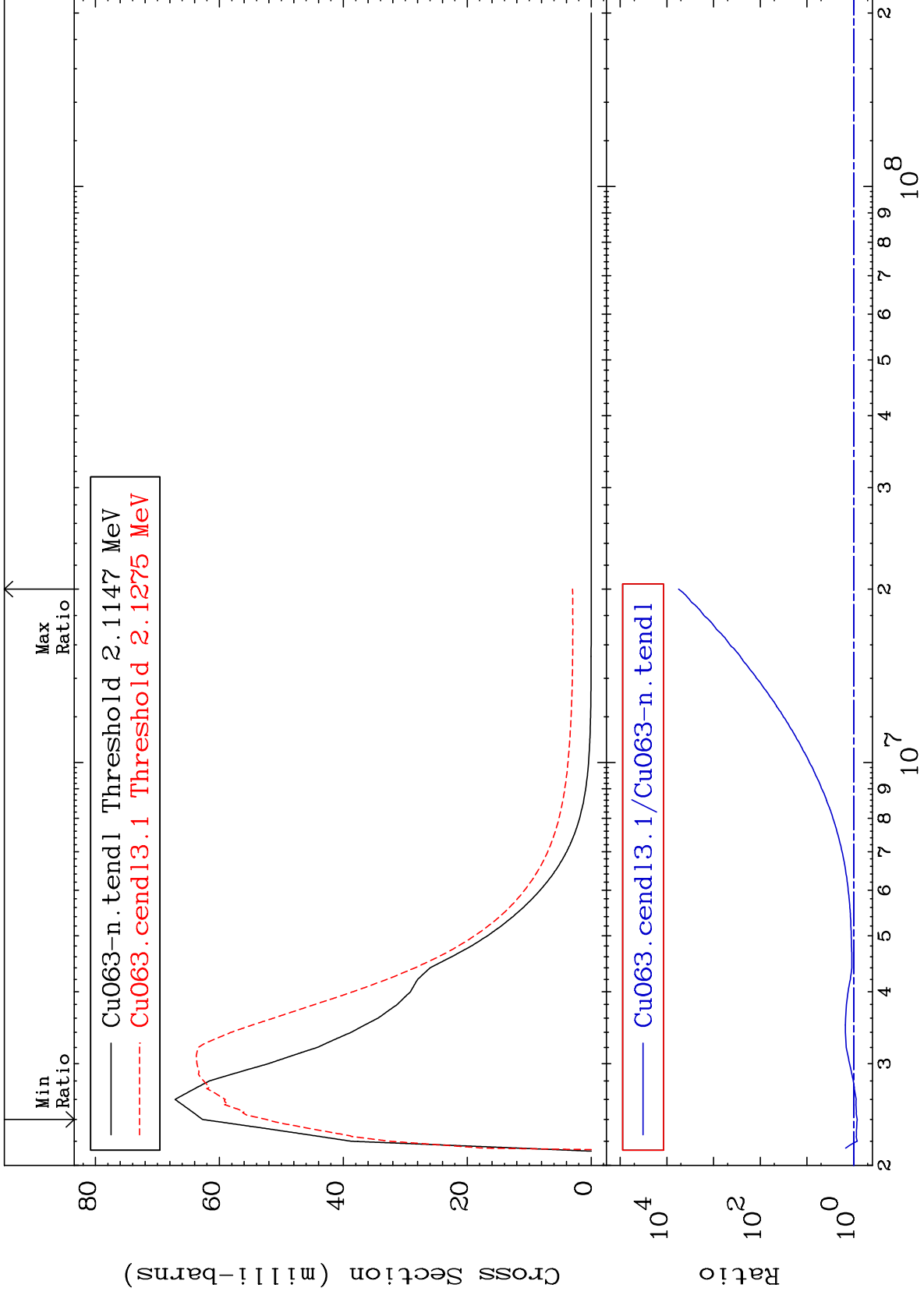
29-Cu-63
-7.481 To 167.4 %



MAT 2925

2.081 MeV (n,n') Level
Cross Section

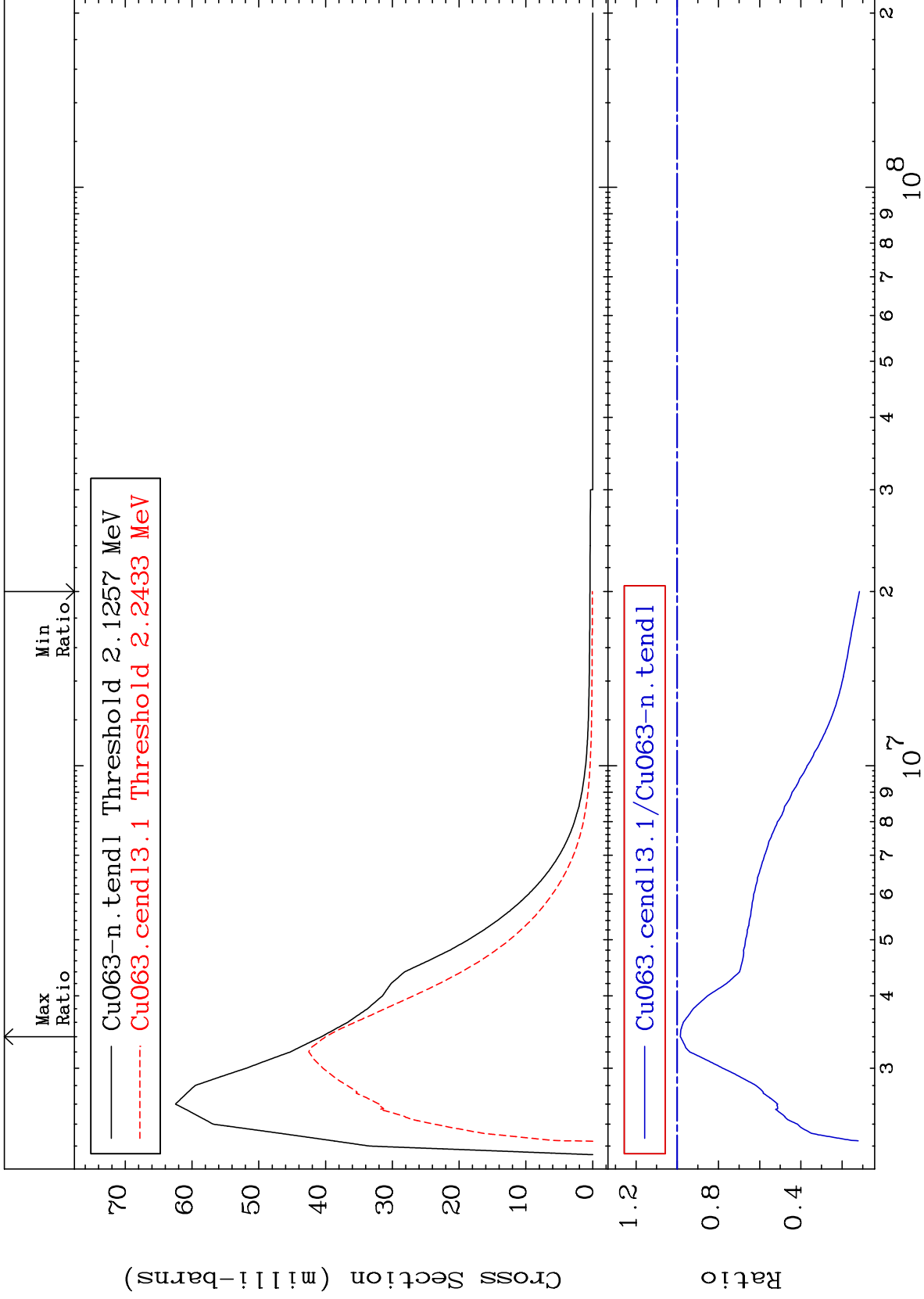
29-Cu-63
-16.43 To 9999. %



MAT 2925

2.092 MeV (n,n') Level
Cross Section

29-Cu-63
-88.40 To -1.513%



17

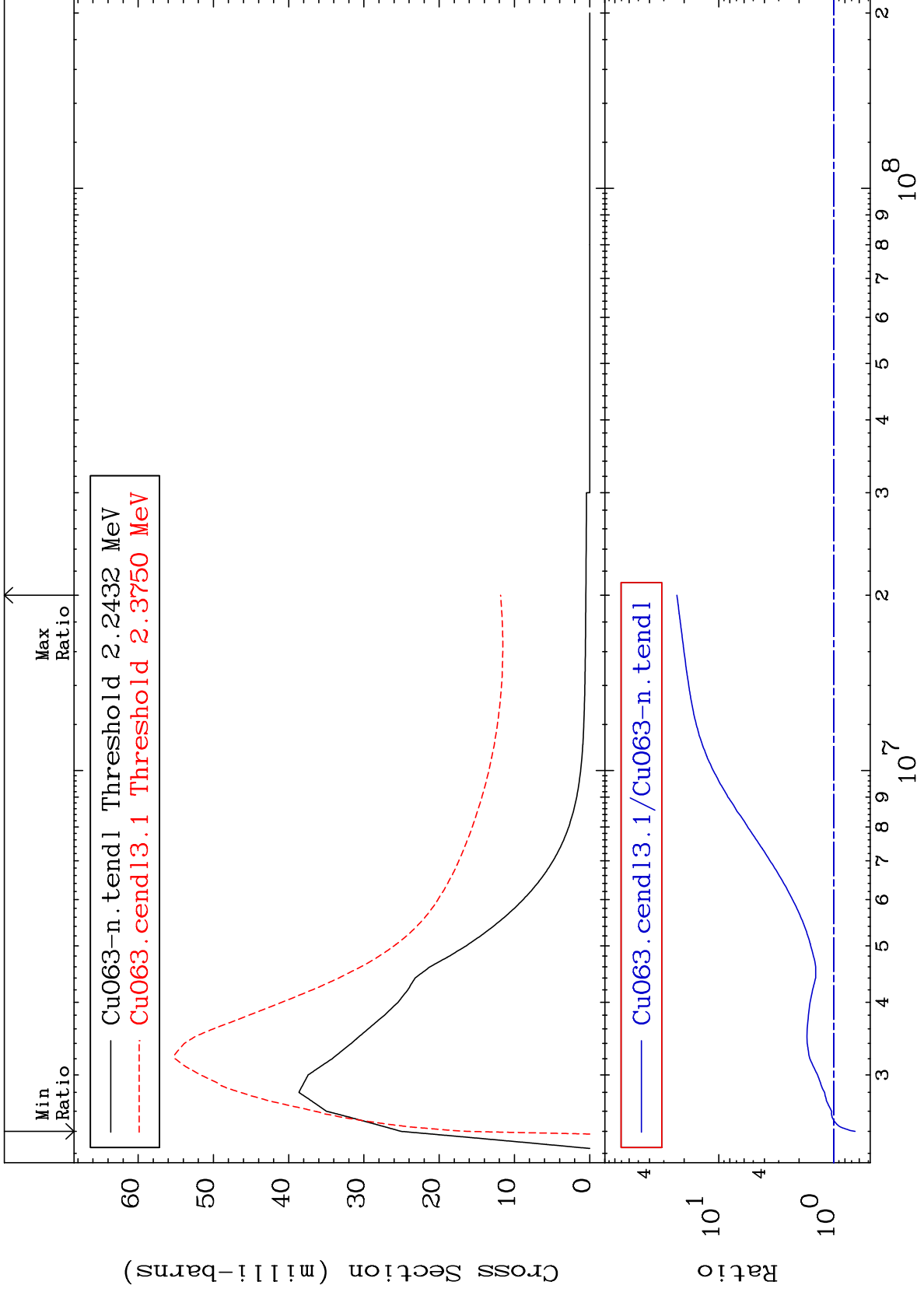
Incident Energy (eV)

29-Cu-63

MAT 2925

2.208 MeV (n,n') Level
Cross Section

29-Cu-63
-34.84 To 2207. %



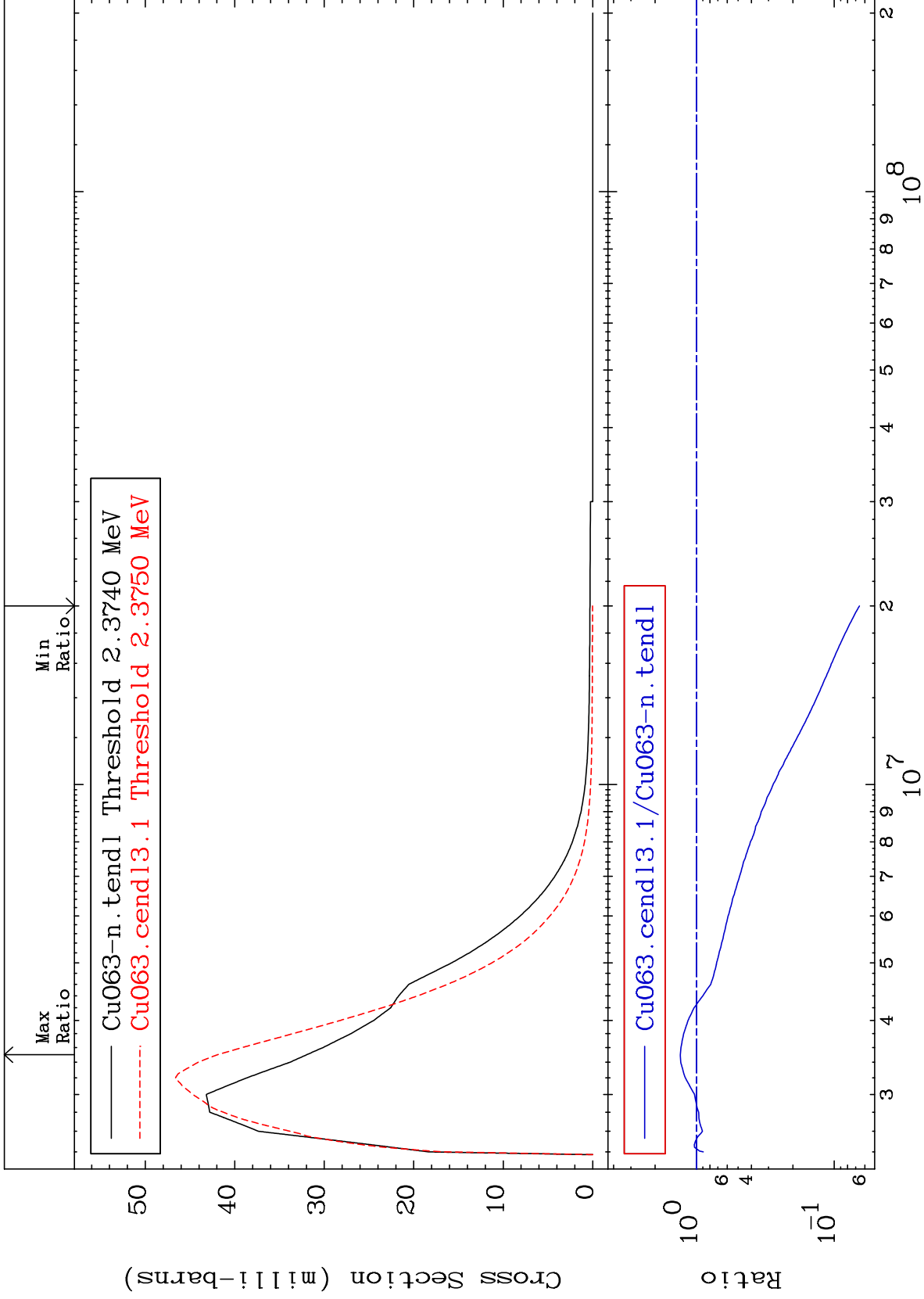
18

29-Cu-63

MAT 2925

2.337 MeV (n,n') Level
Cross Section

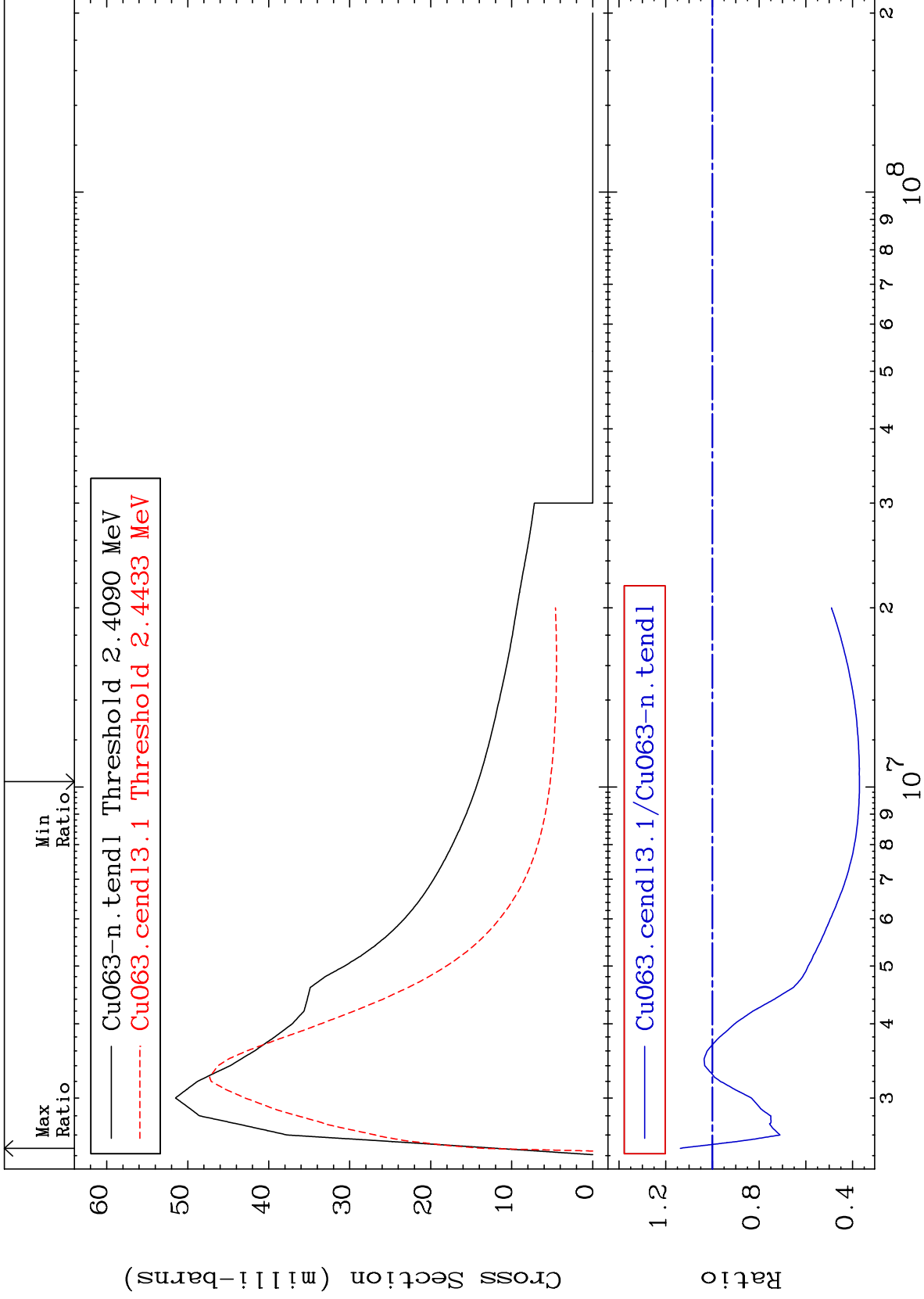
29-Cu-63
-93.43 To 31.16 %



MAT 2925

2.371 MeV (n,n') Level
Cross Section

29-Cu-63
-62.99 To 13.75 %



20

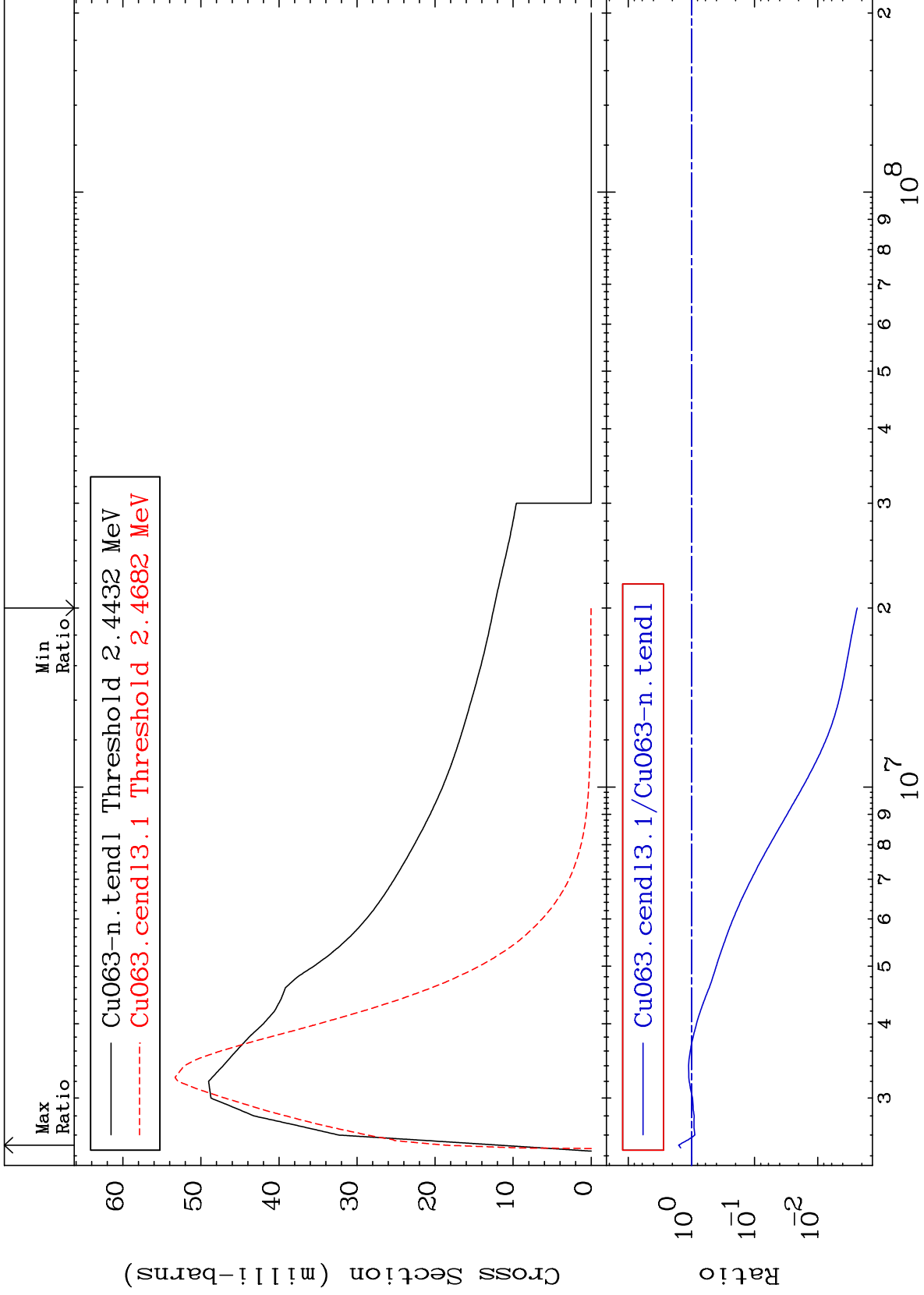
Incident Energy (eV)

29-Cu-63

MAT 2925

2.405 MeV (n,n') Level
Cross Section

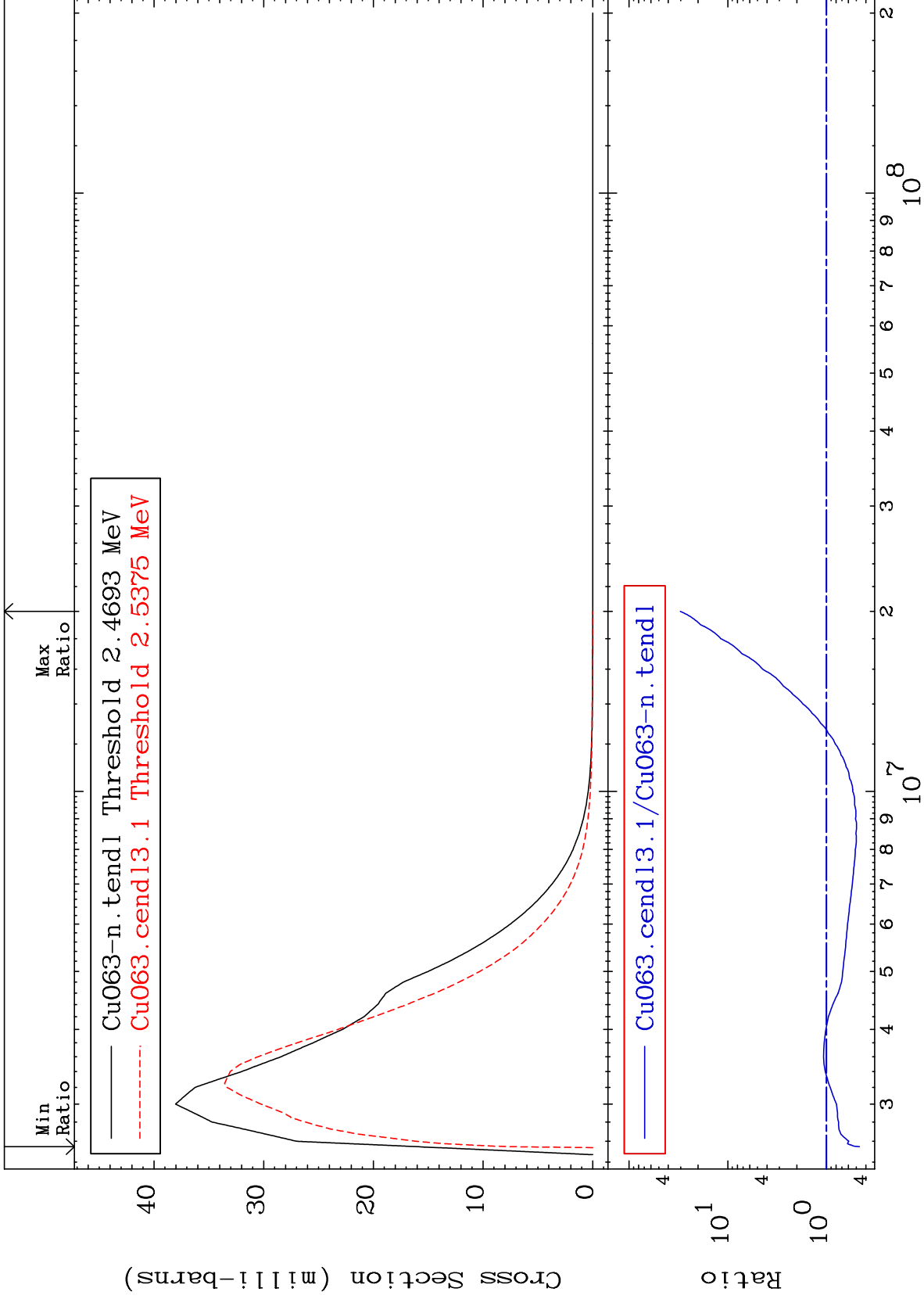
29-Cu-63
-99.76 To 59.27 %



21

Incident Energy (eV)

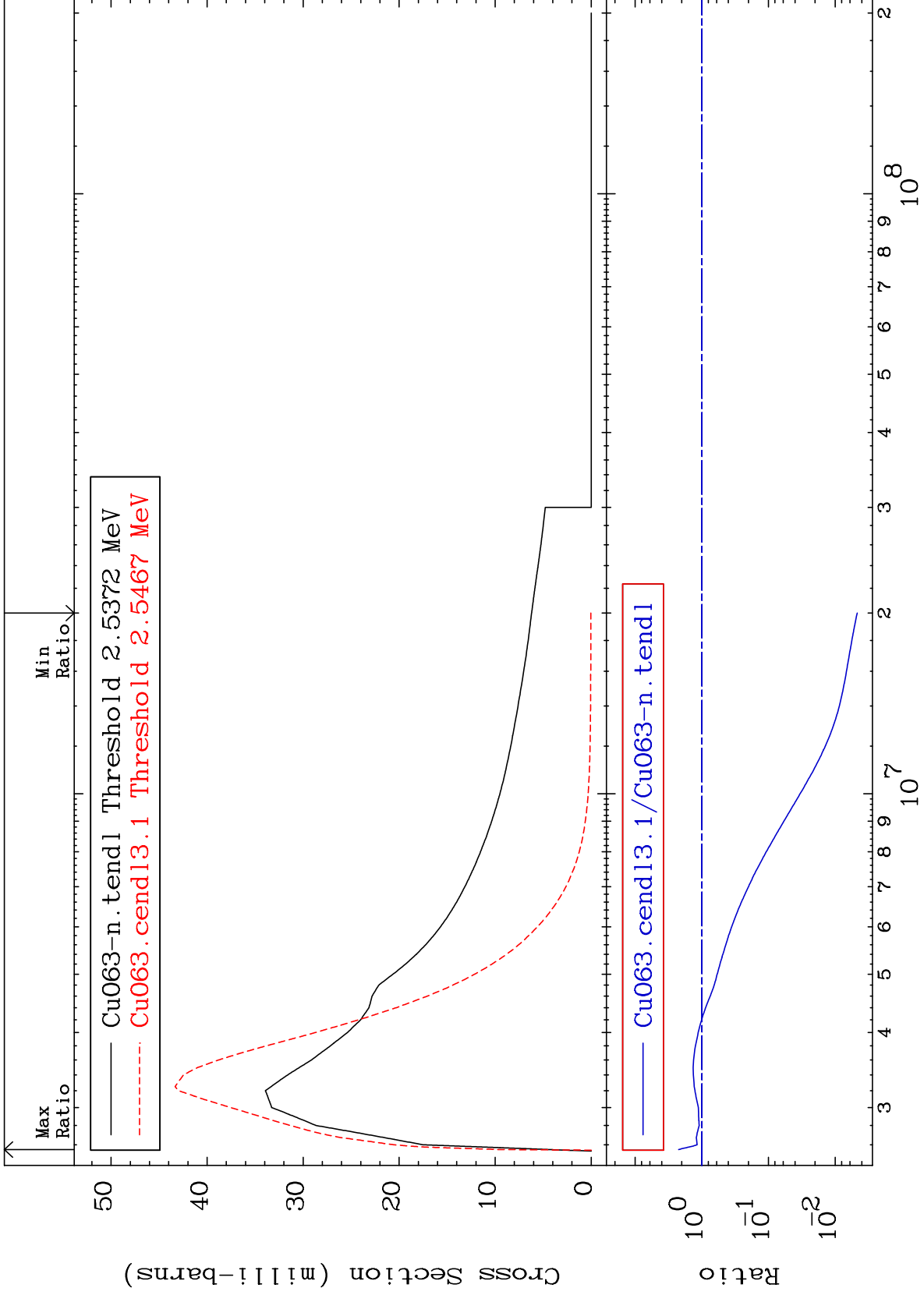
29-Cu-63

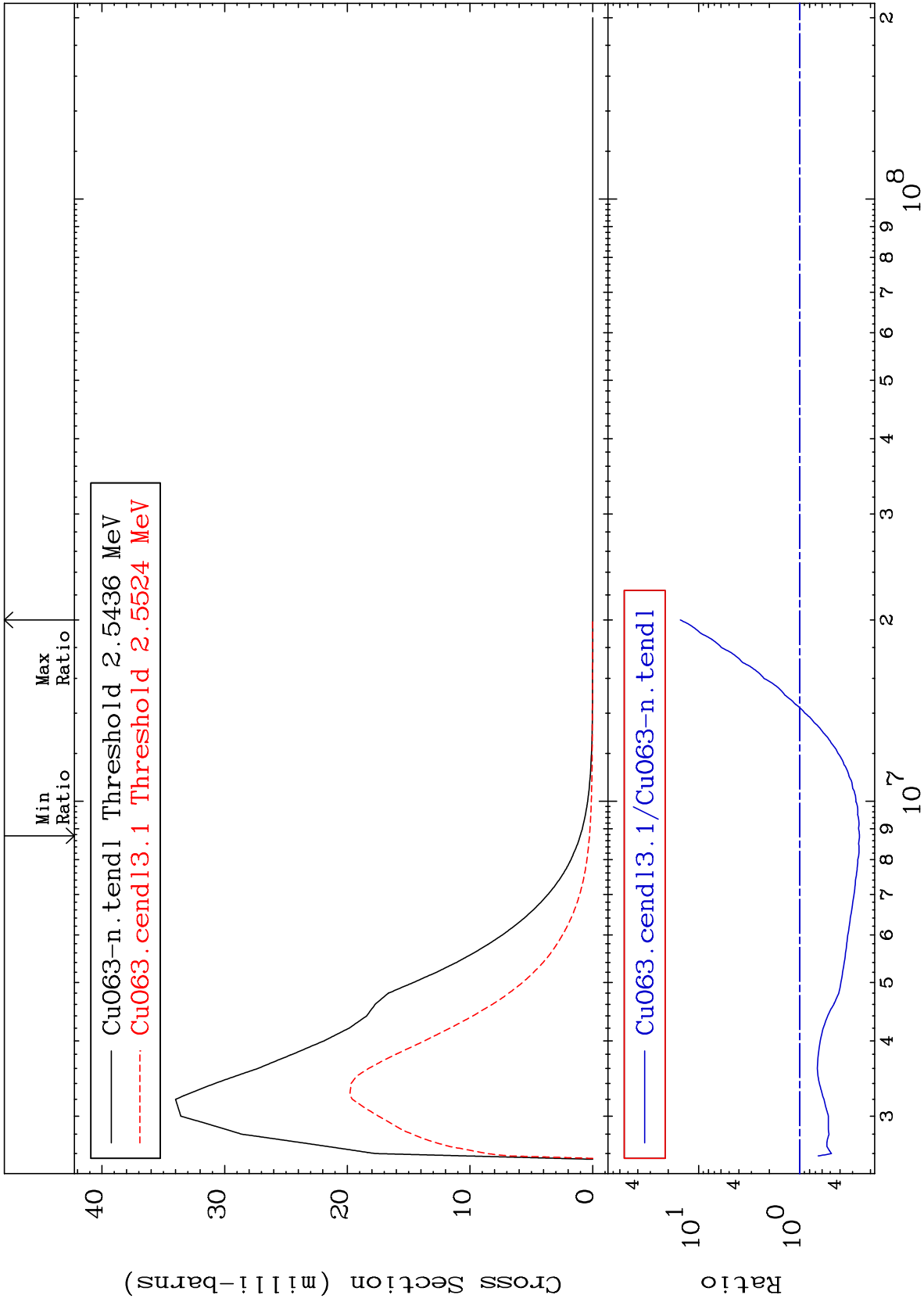


MAT 2925

2.497 MeV (n,n') Level
Cross Section

29-Cu-63
-99.53 To 122.6 %

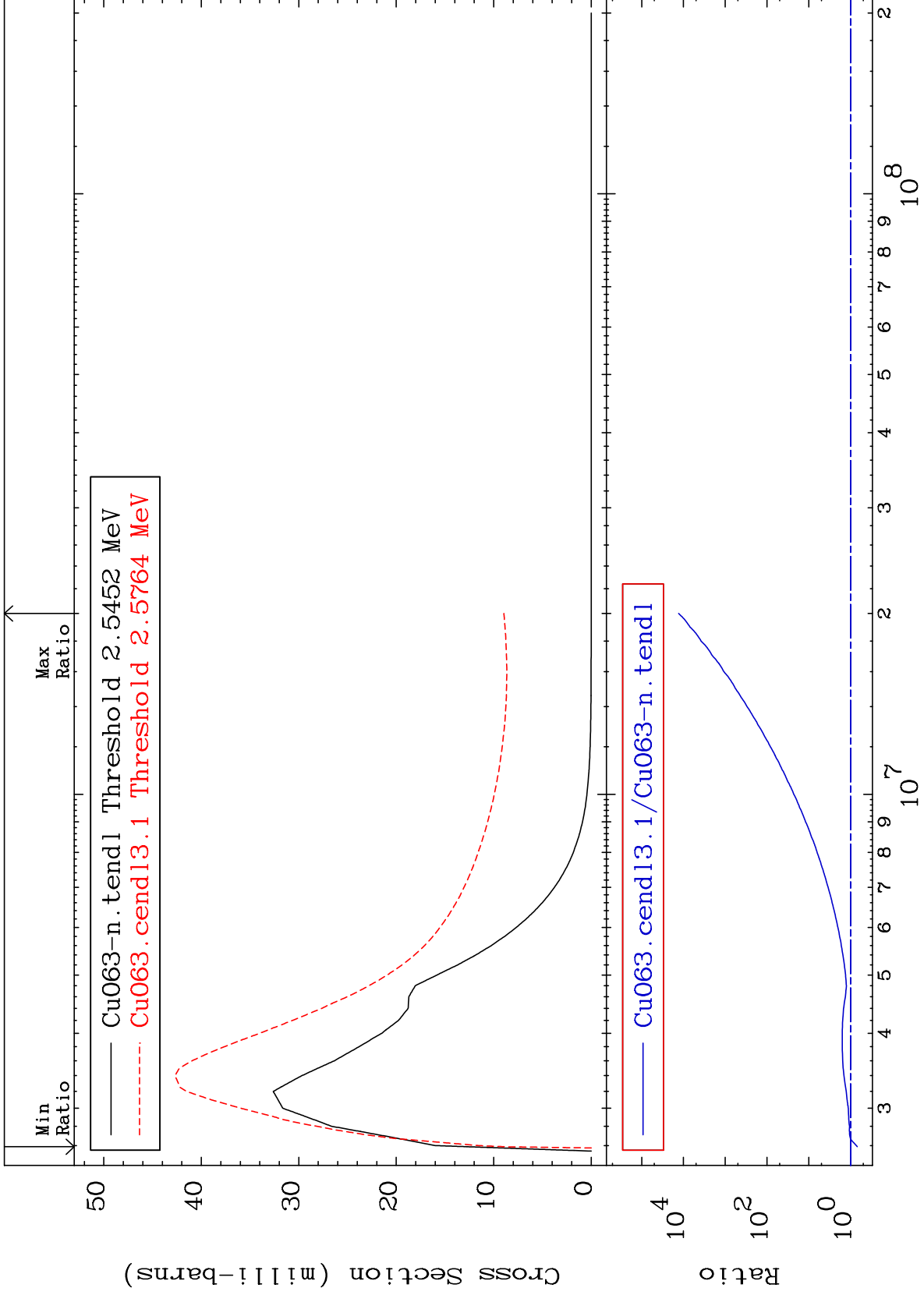




MAT 2925

2.505 MeV (n,n') Level
Cross Section

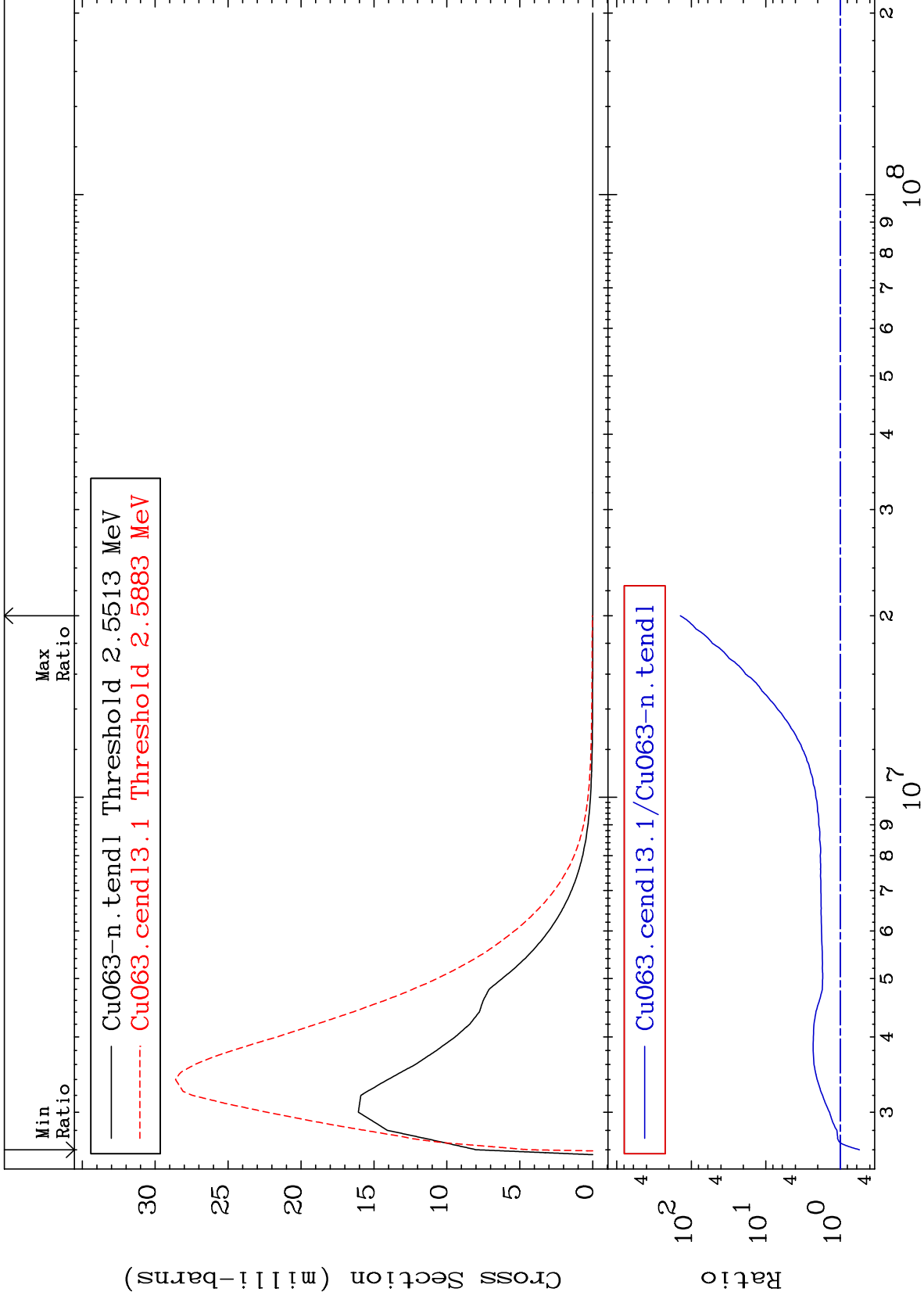
29-Cu-63
-30.68 To 9999. %



MAT 2925

2.511 MeV (n,n') Level
Cross Section

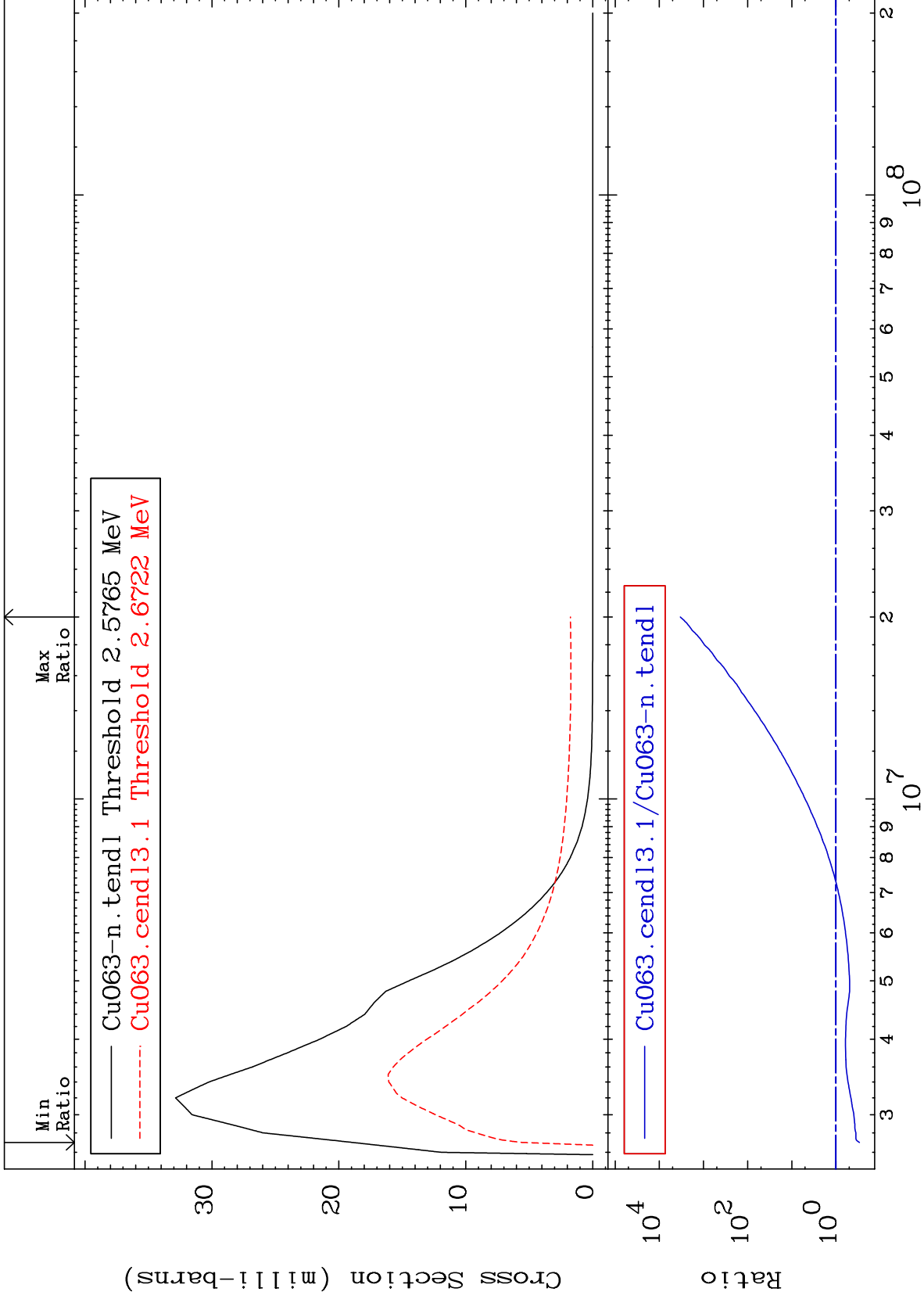
29-Cu-63
-44.85 To 9999. %



MAT 2925

2.536 MeV (n,n') Level
Cross Section

29-Cu-63
-70.62 To 9999. %



27

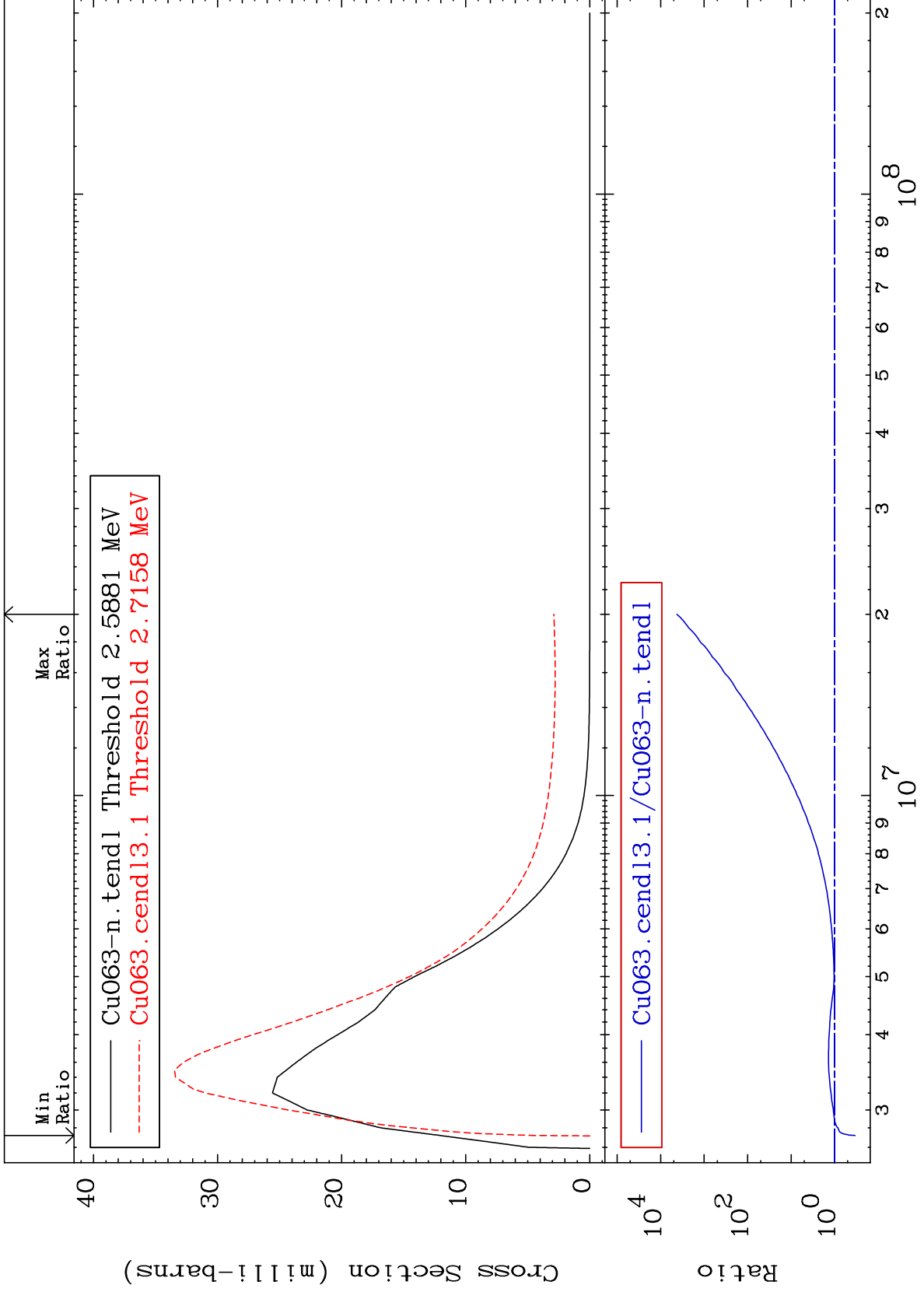
Incident Energy (eV)

29-Cu-63

MAT 2925

2.547 MeV (n,n') Level
Cross Section

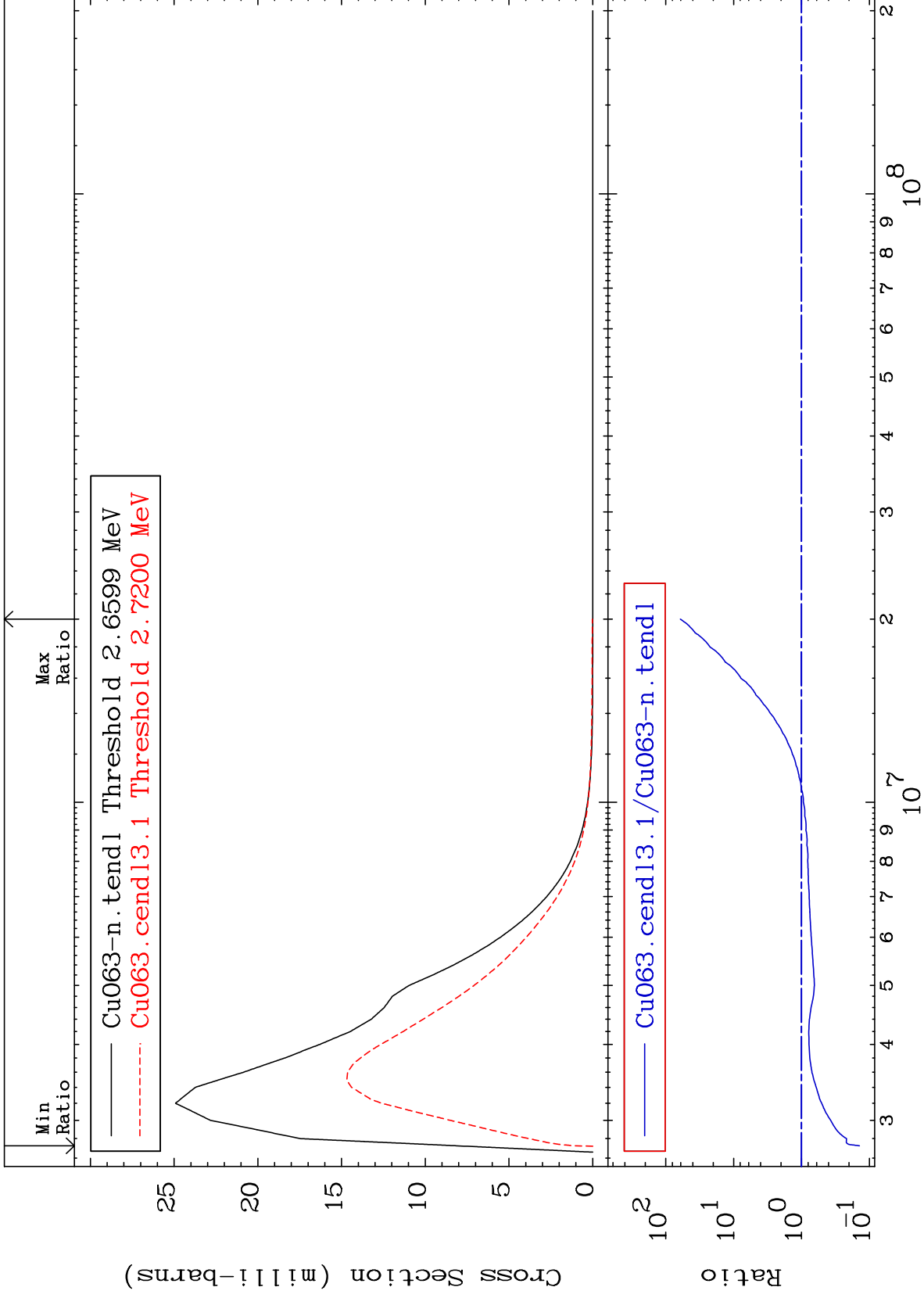
29-Cu-63
-66.18 To 9999. %



MAT 2925

2.618 MeV (n,n') Level
Cross Section

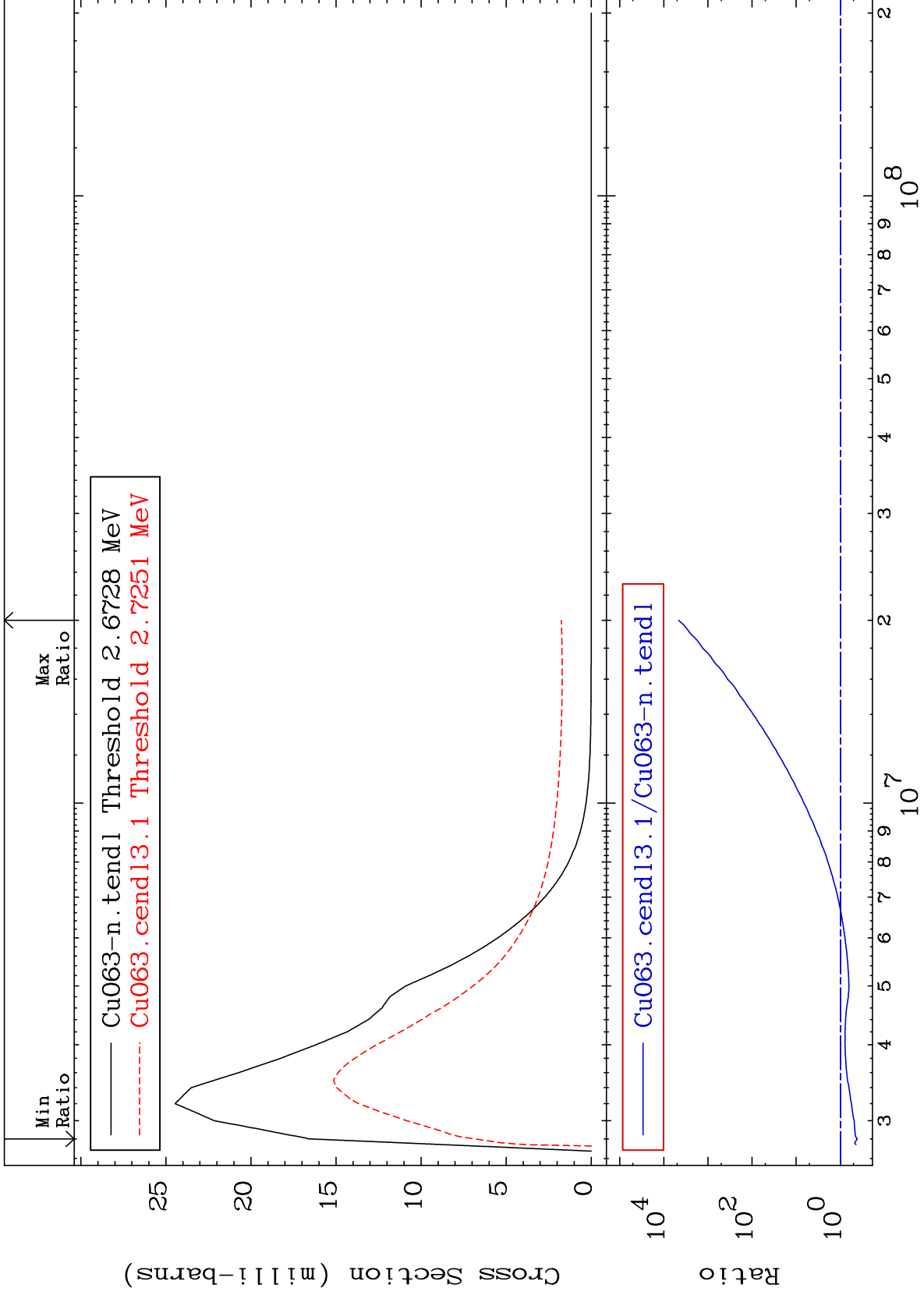
29-Cu-63
-85.97 To 5993. %



MAT 2925

2.631 MeV (n,n') Level
Cross Section

29-Cu-63
-58.68 To 9999. %



30

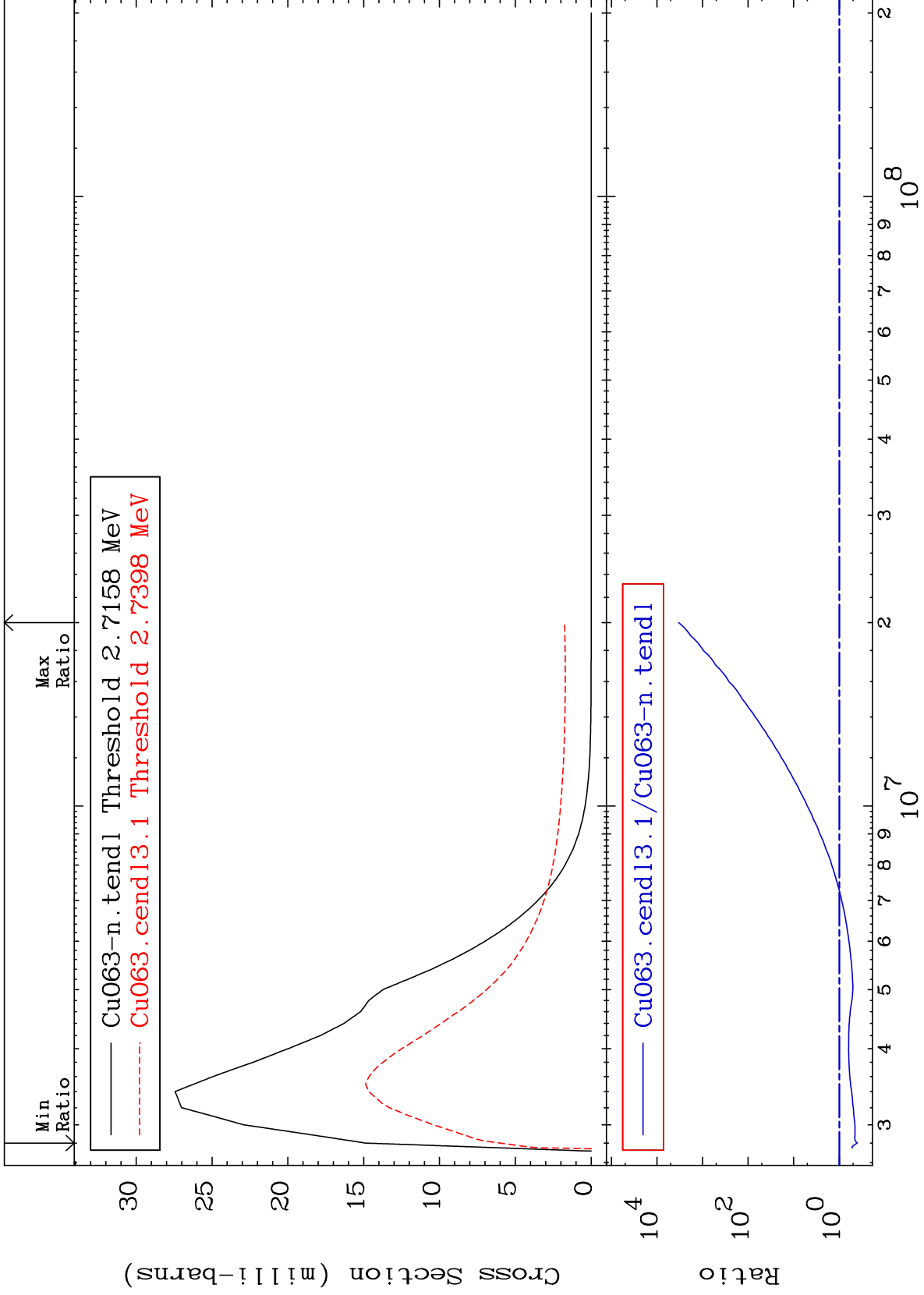
Incident Energy (eV)

29-Cu-63

MAT 2925

2.673 MeV (n,n') Level
Cross Section

29-Cu-63
-59.63 To 9999. %



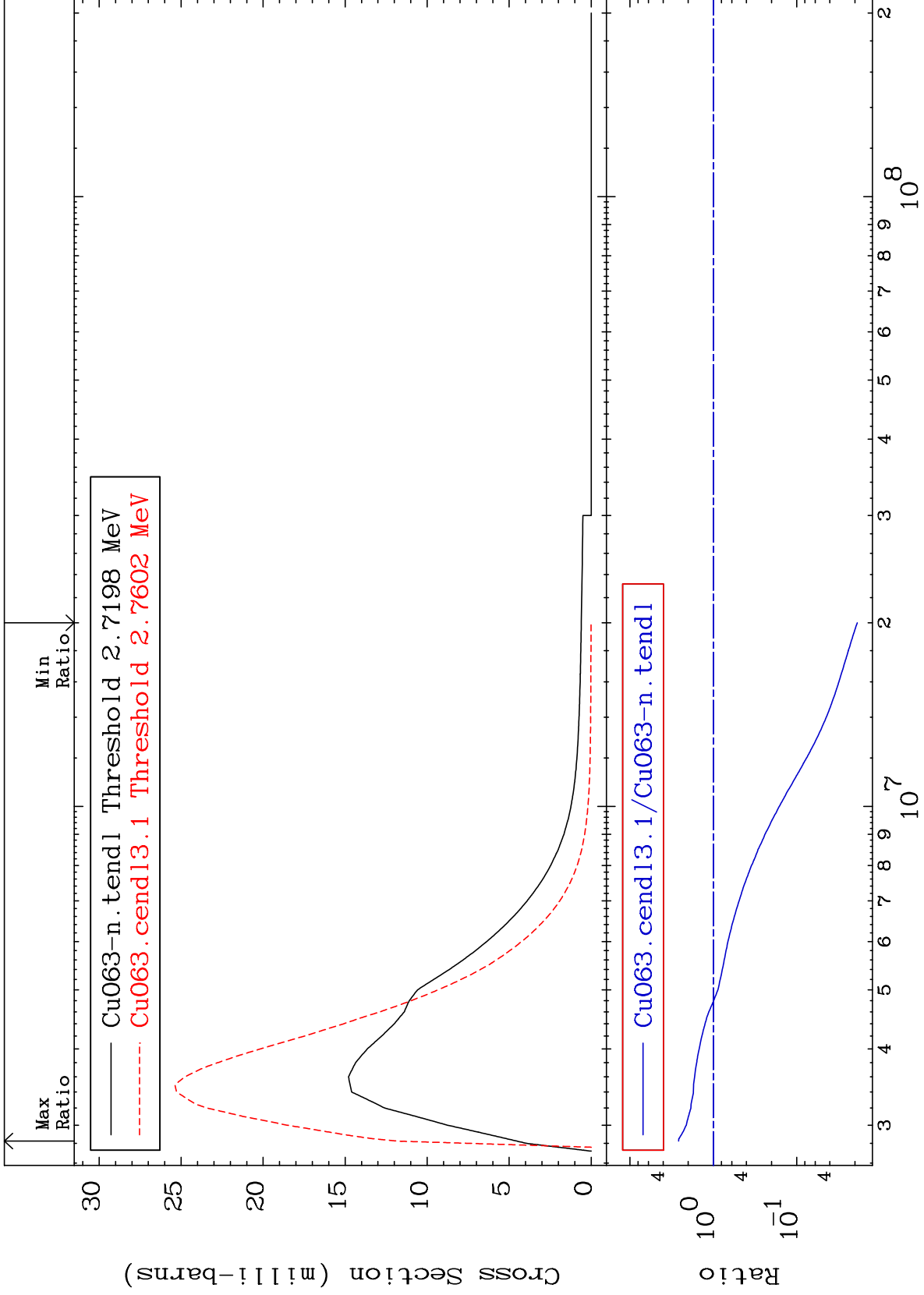
31

29-Cu-63

MAT 2925

2.677 MeV (n,n') Level
Cross Section

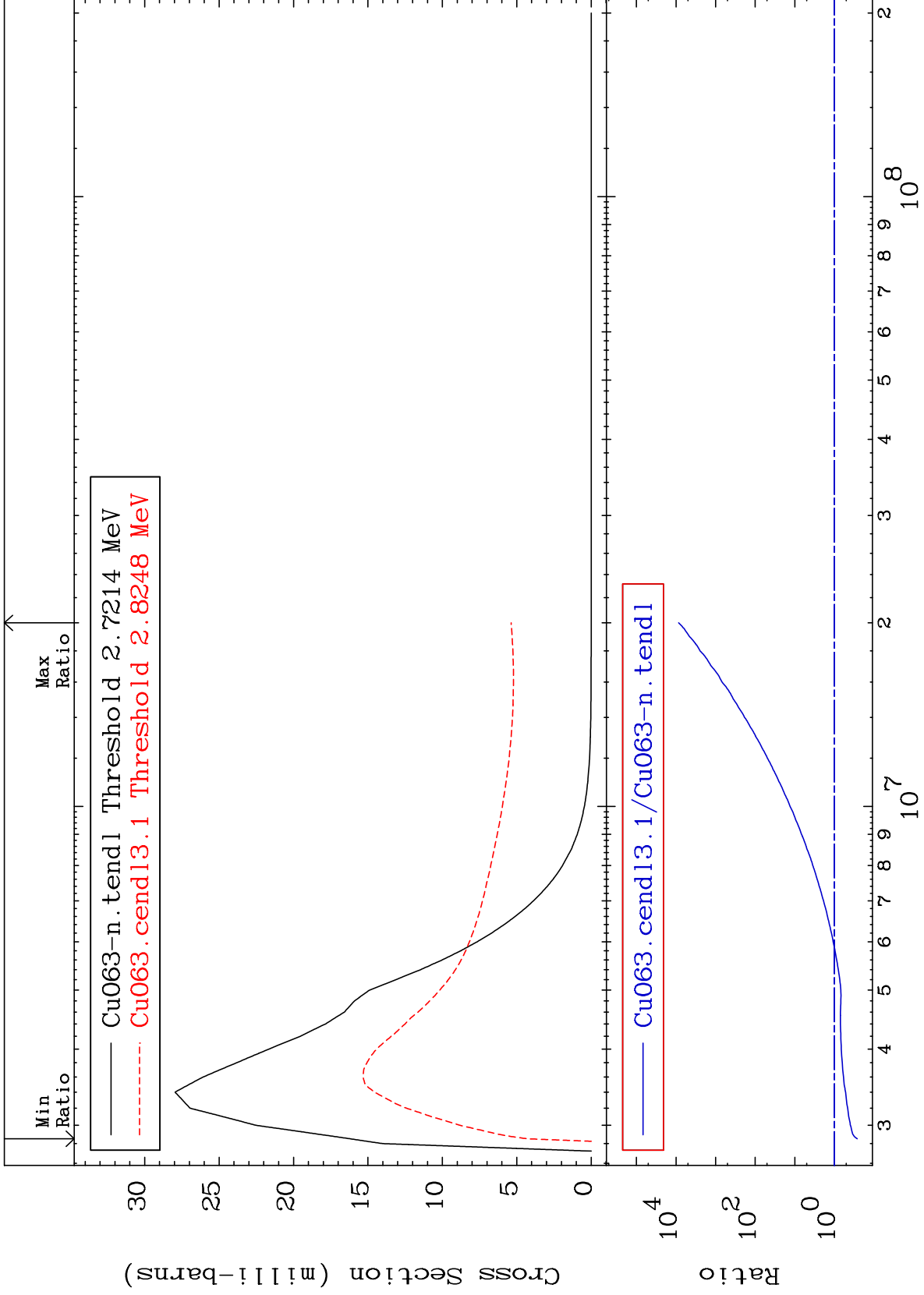
29-Cu-63
-98.12 To 160.6 %



MAT 2925

2.678 MeV (n,n') Level
Cross Section

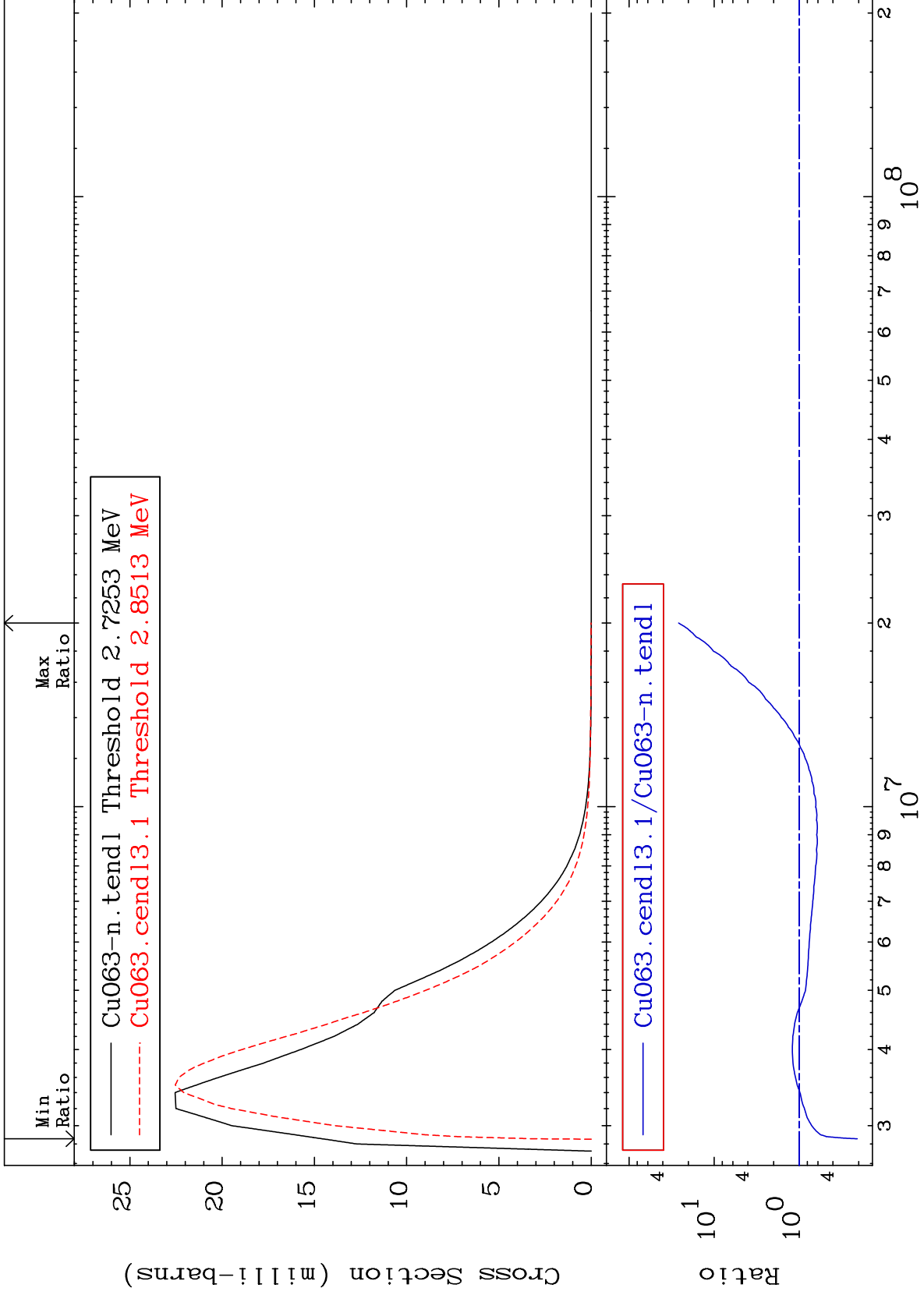
29-Cu-63
-73.62 To 9999. %



MAT 2925

2.682 MeV (n,n') Level
Cross Section

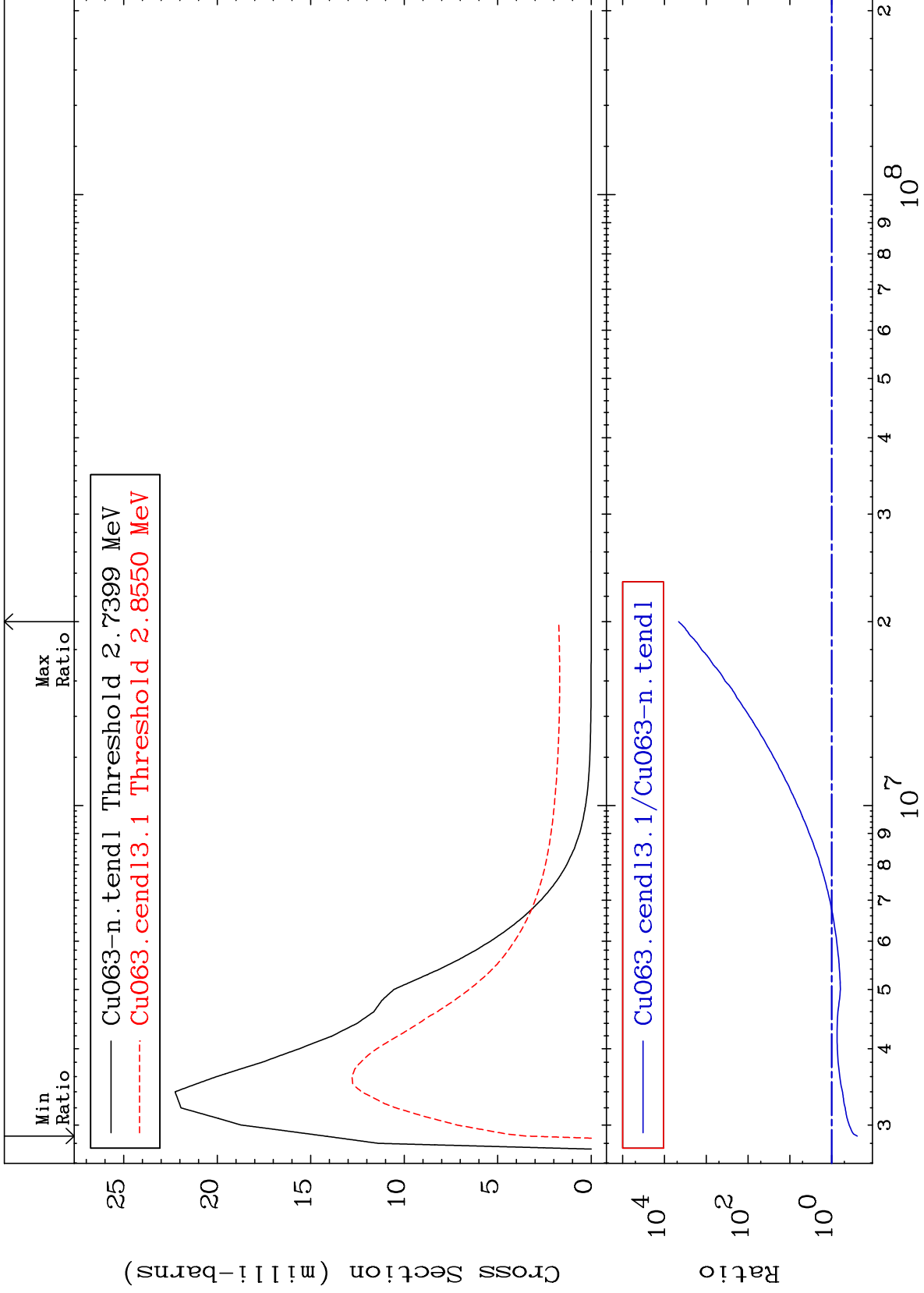
29-Cu-63
-79.25 To 2509. %

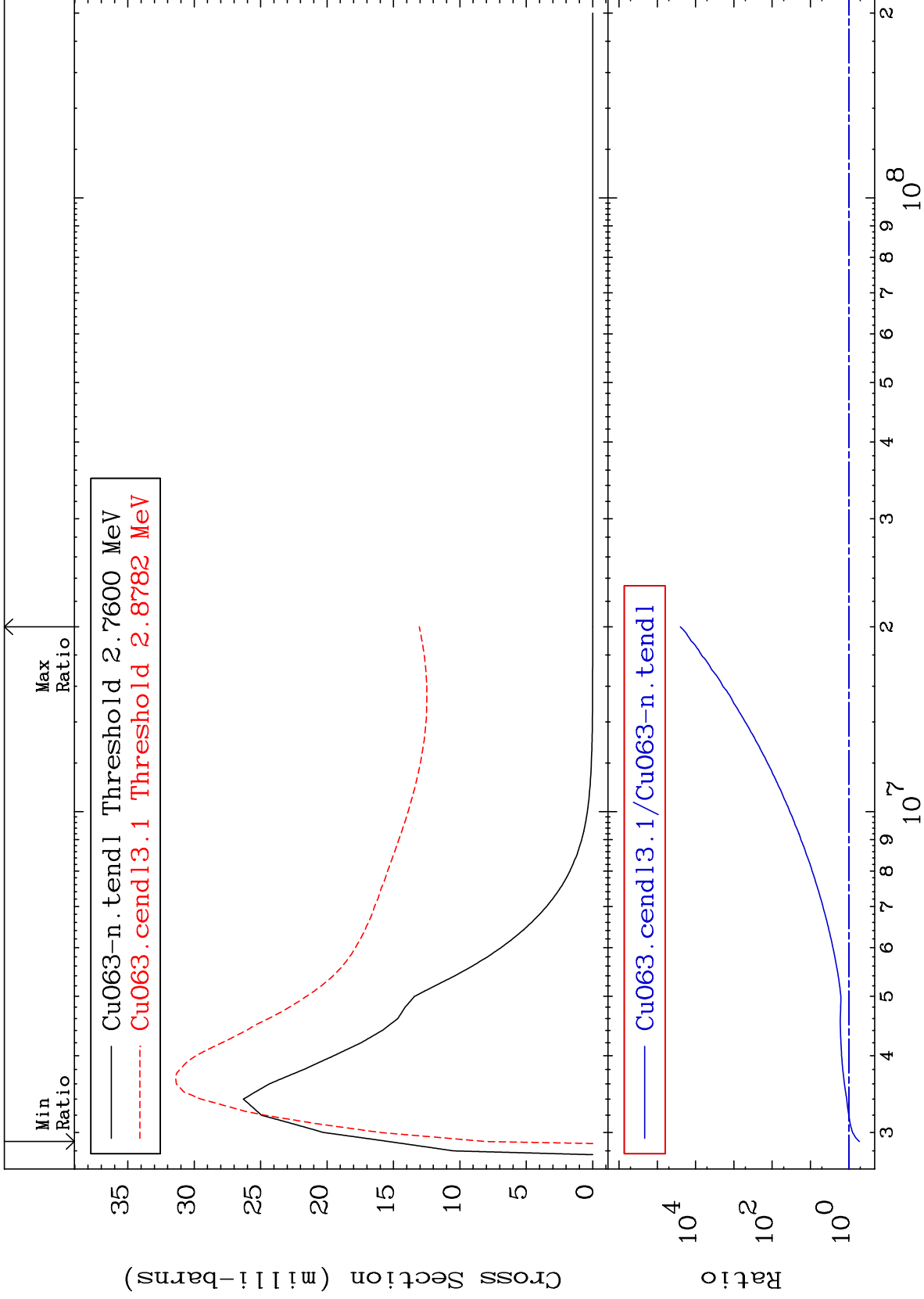


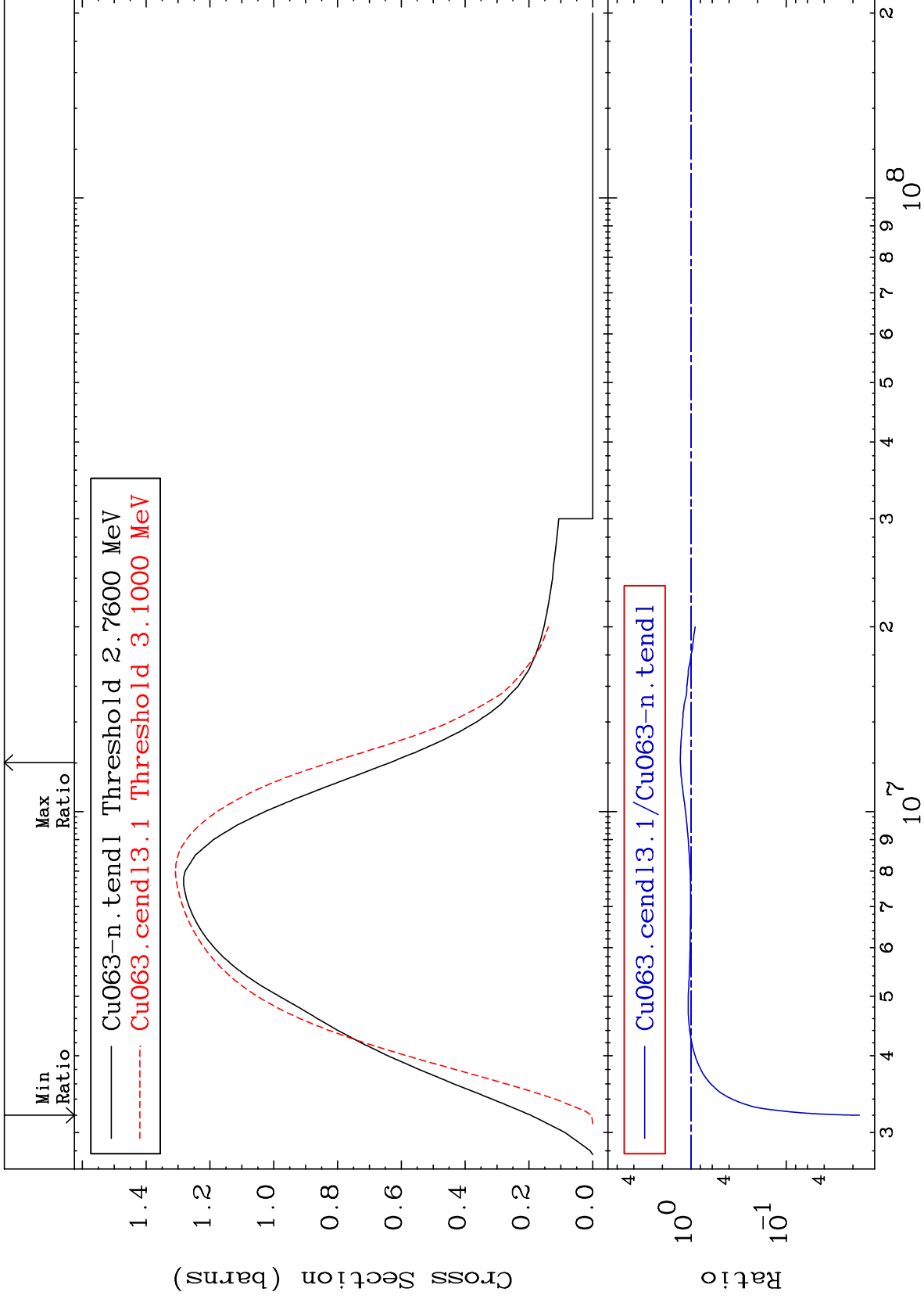
MAT 2925

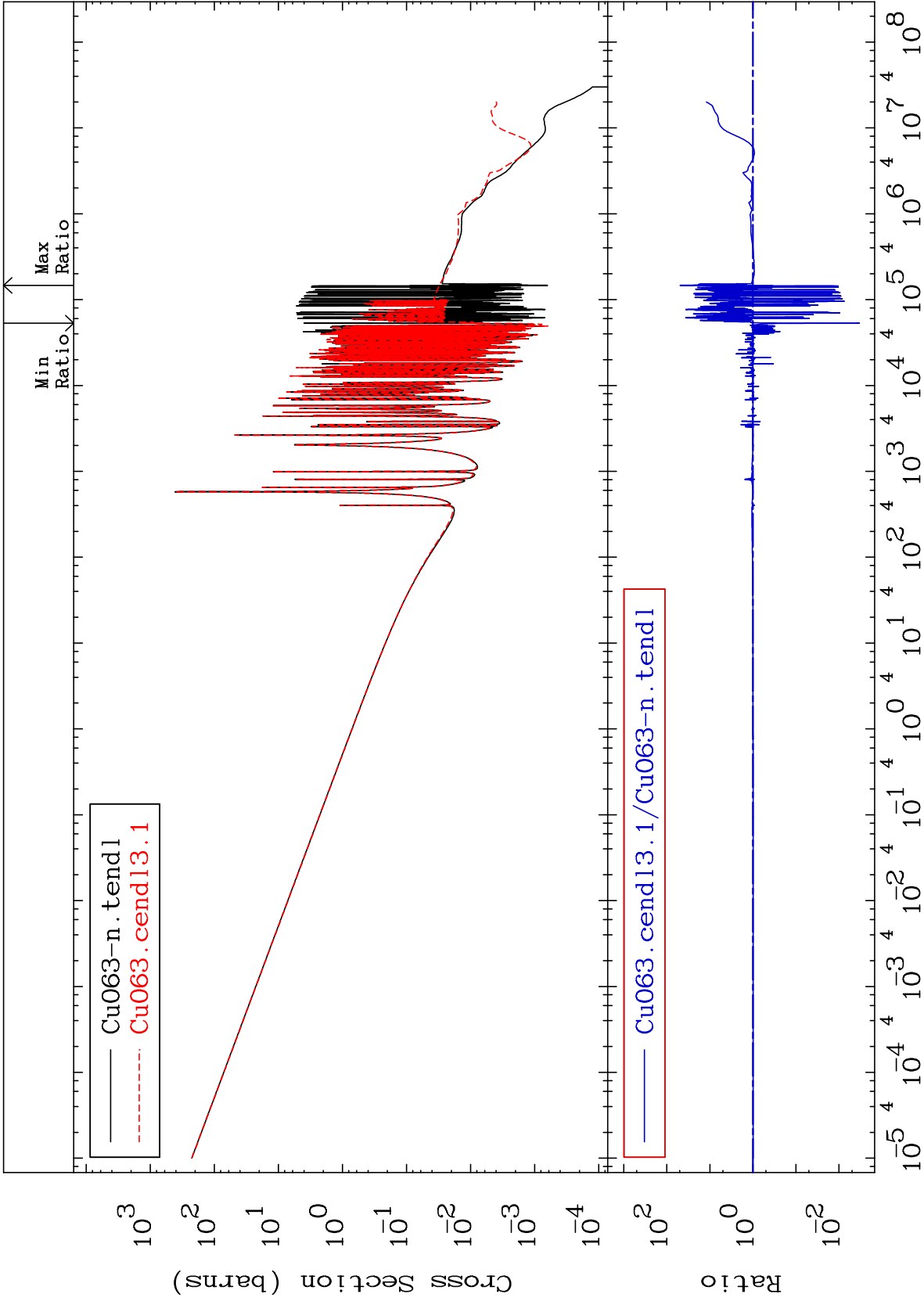
2.697 MeV (n,n') Level
Cross Section

29-Cu-63
-75.55 To 9999. %





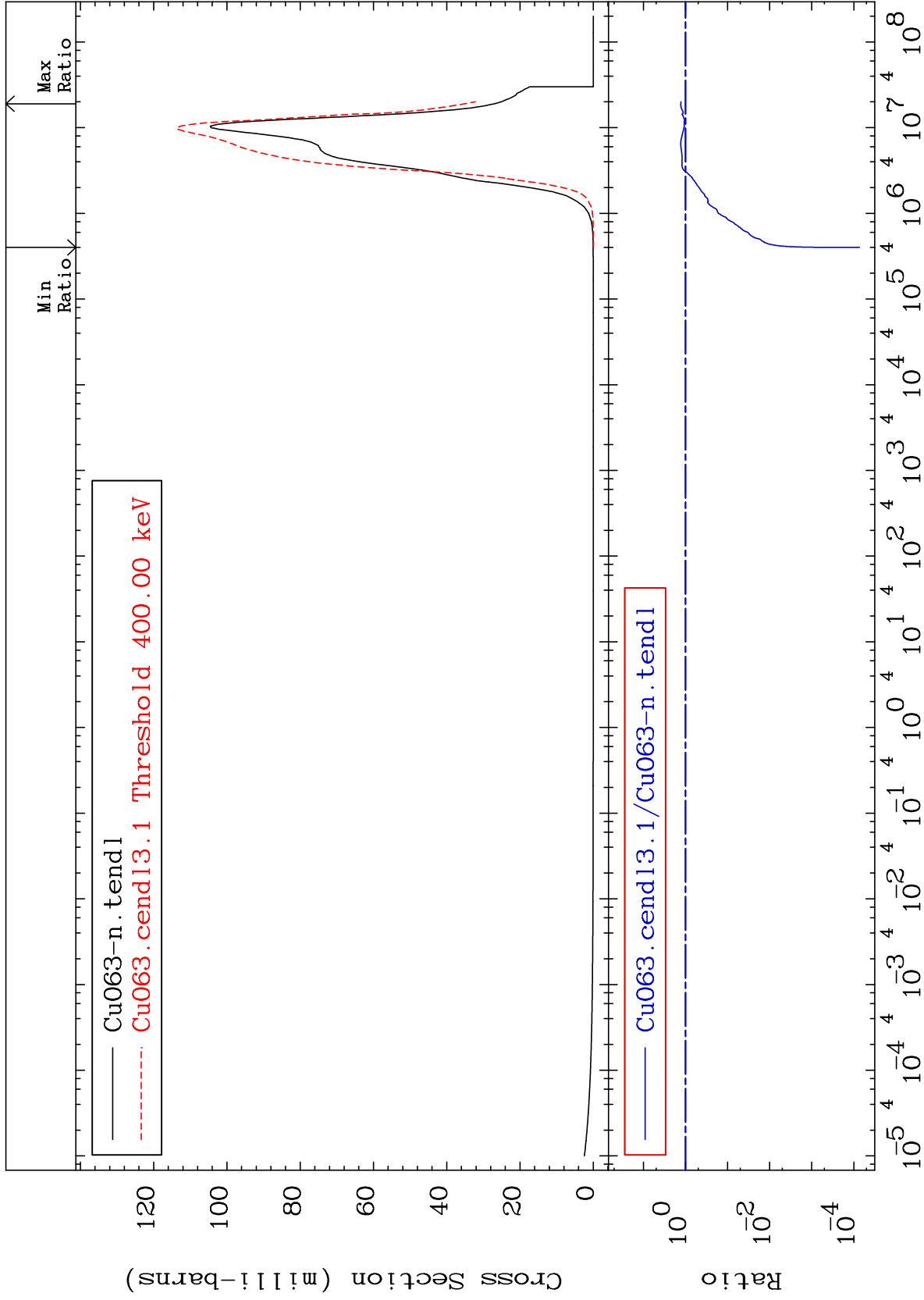




MAT 2925

(n,p)
Cross Section

29-Cu-63
-99.99 To 29.95 %



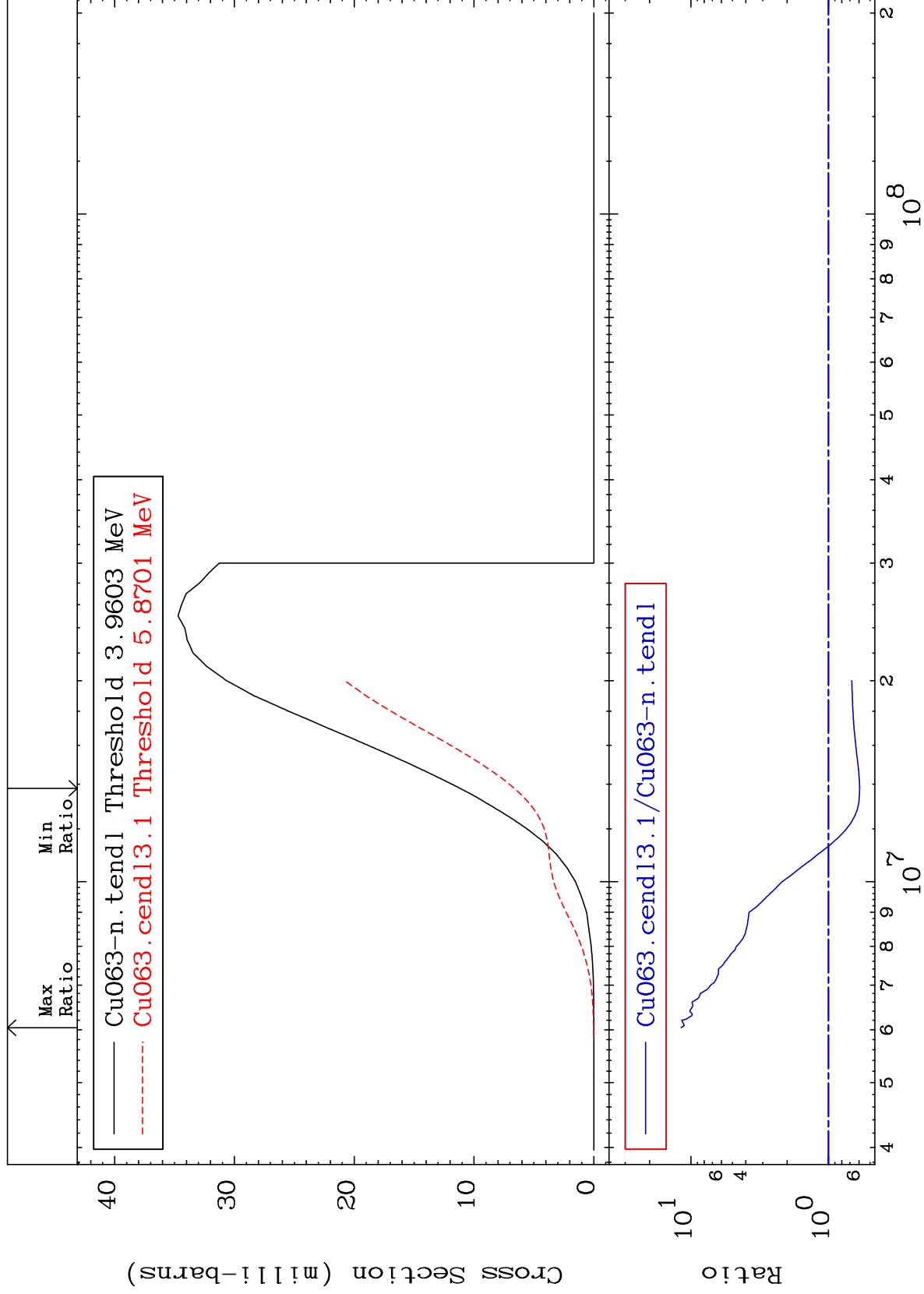
MAT 2925

(n, d)

29-Cu-63

Cross Section

-40.59 To 1078. %



40

Incident Energy (eV)

29-Cu-63

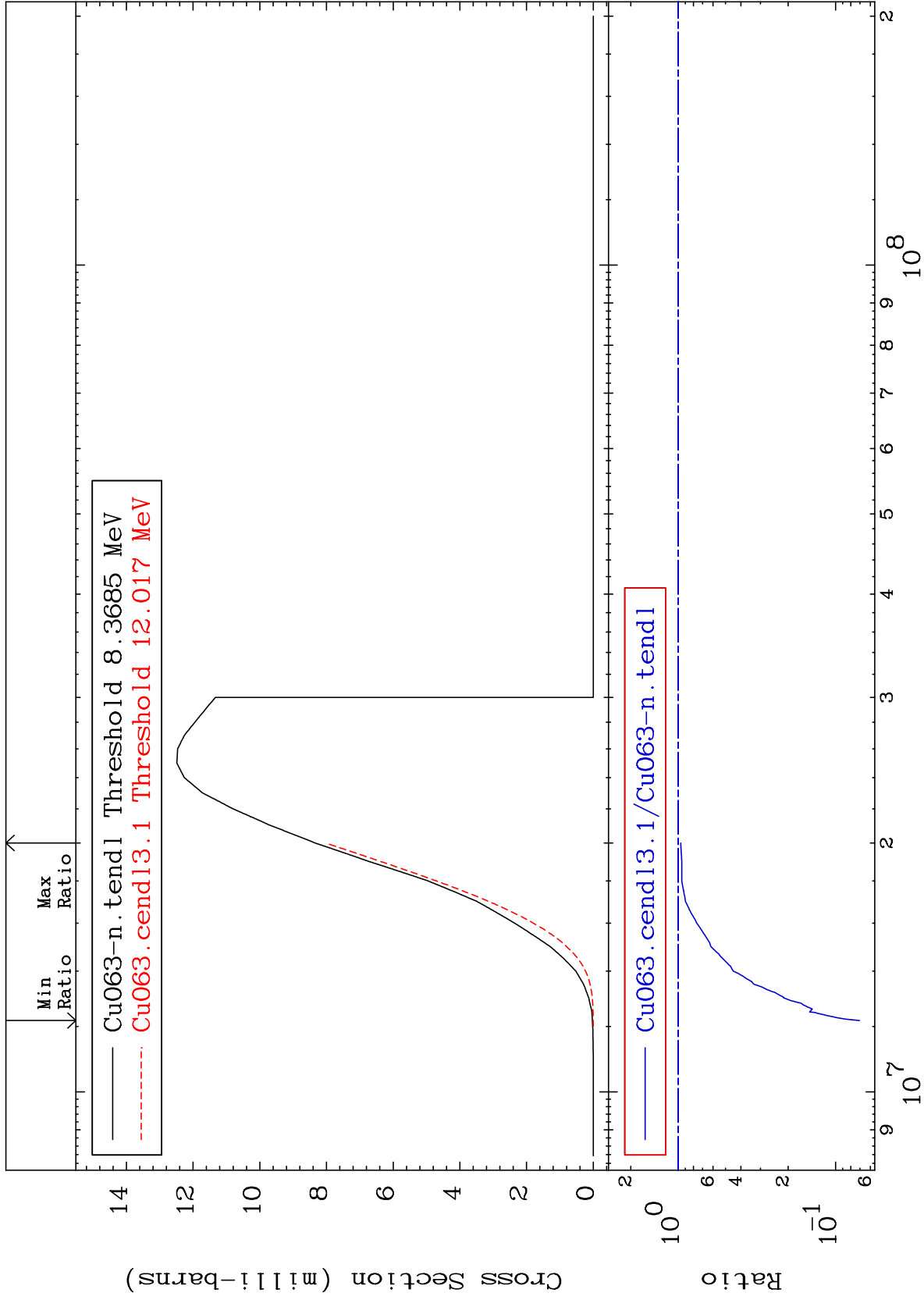
MAT 2925

(n, t)

29-Cu-63

Cross Section

-92.96 To -3.717%



41

Incident Energy (eV)

29-Cu-63

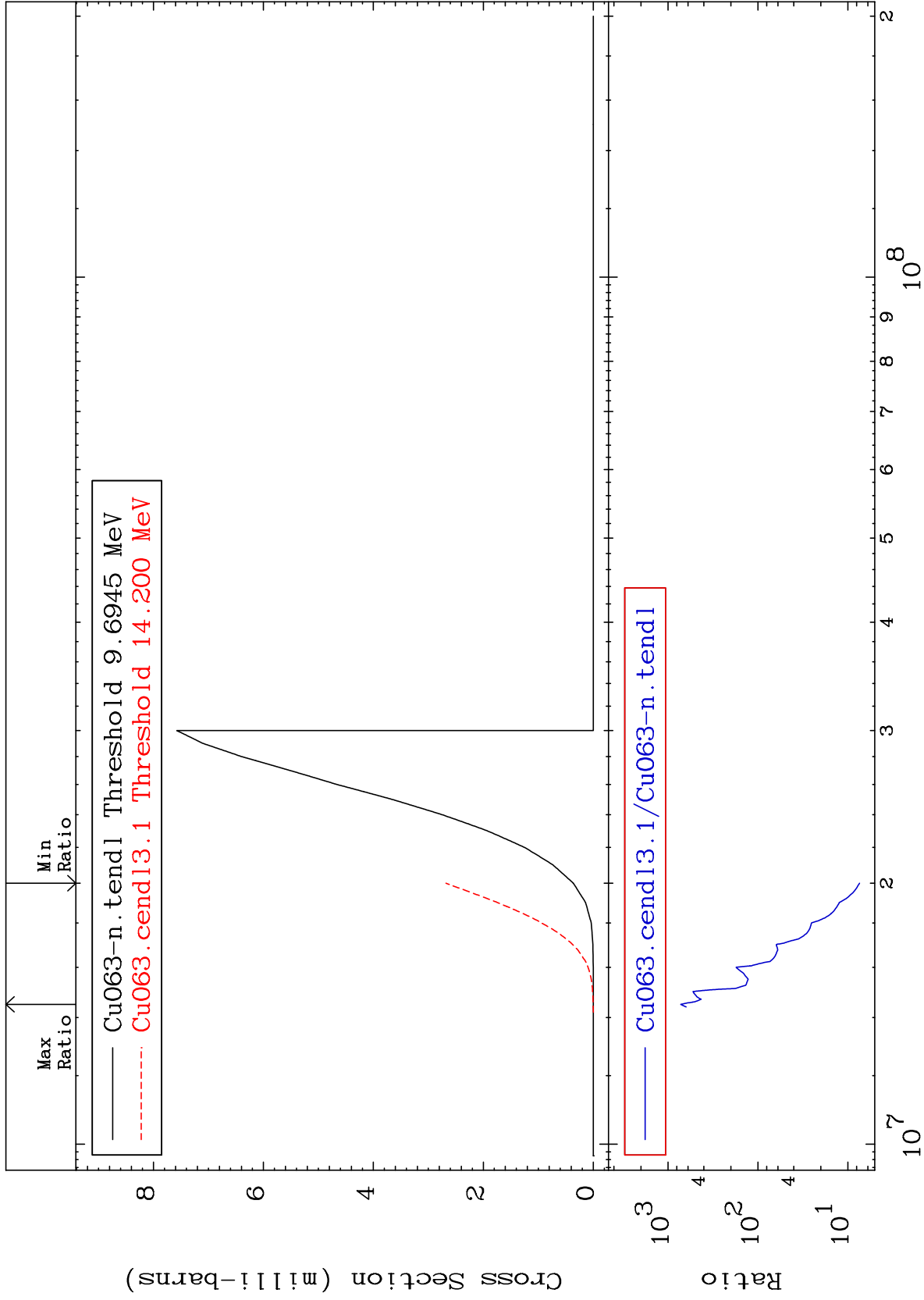
MAT 2925

(n, He-3)

29-Cu-63

Cross Section

640.6 To 9999. %



42

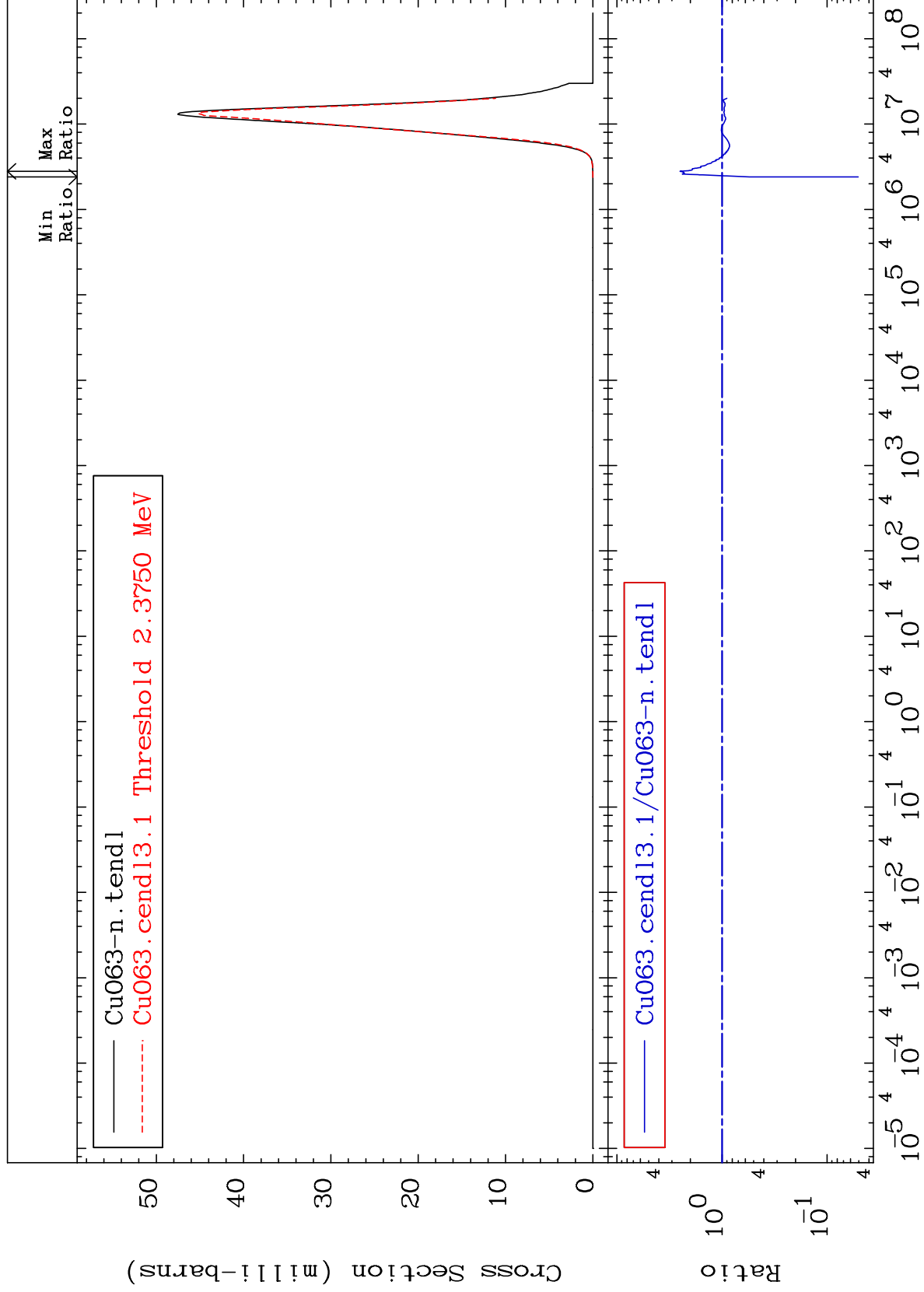
Incident Energy (eV)

29-Cu-63

MAT 2925

(n, α)
Cross Section

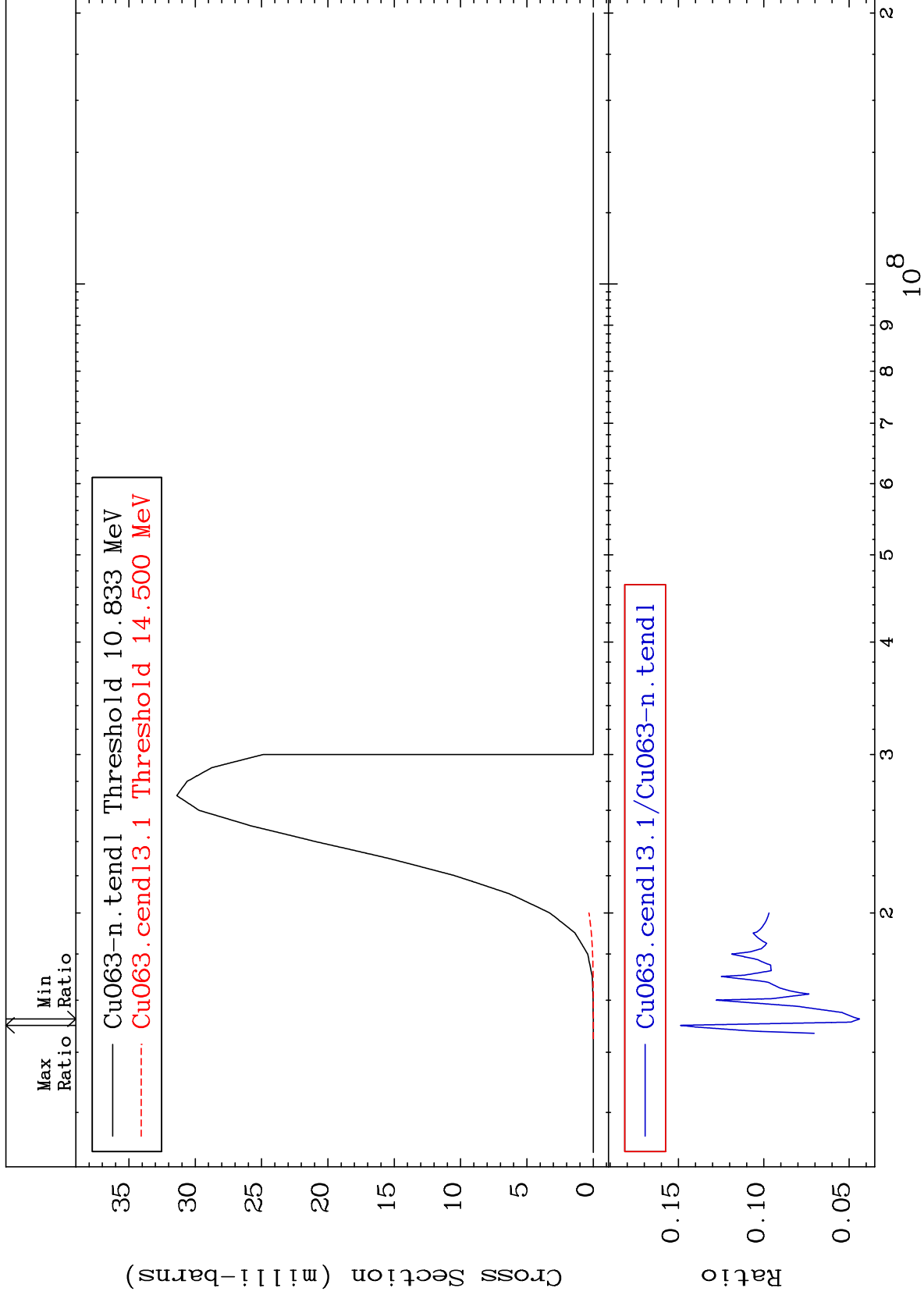
29-Cu-63
-94.94 To 151.1 %



43

Incident Energy (eV)

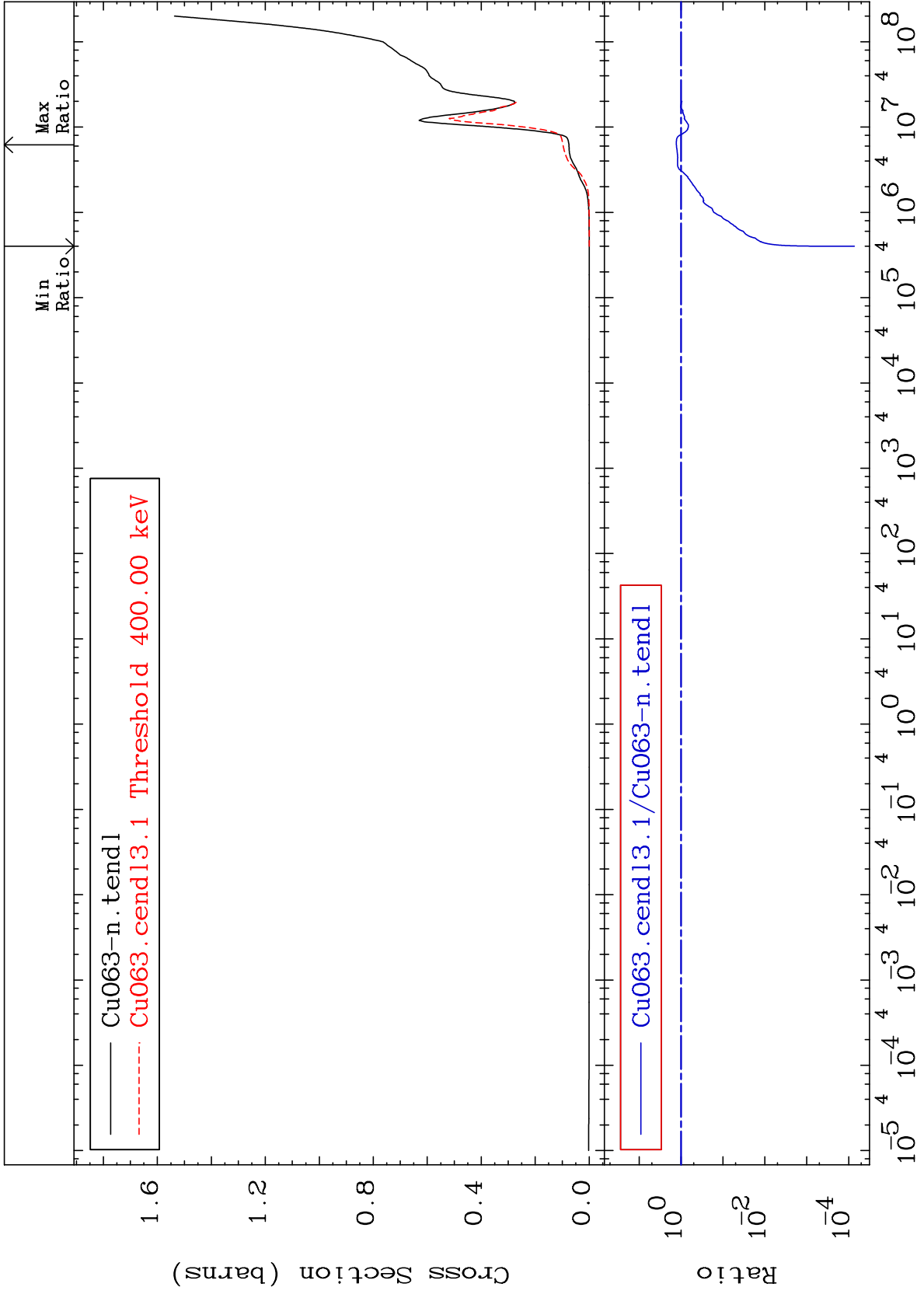
29-Cu-63



MAT 2925

Hydrogen Production Cross Section

29-Cu-63
-99.99 To 29.87 %



45

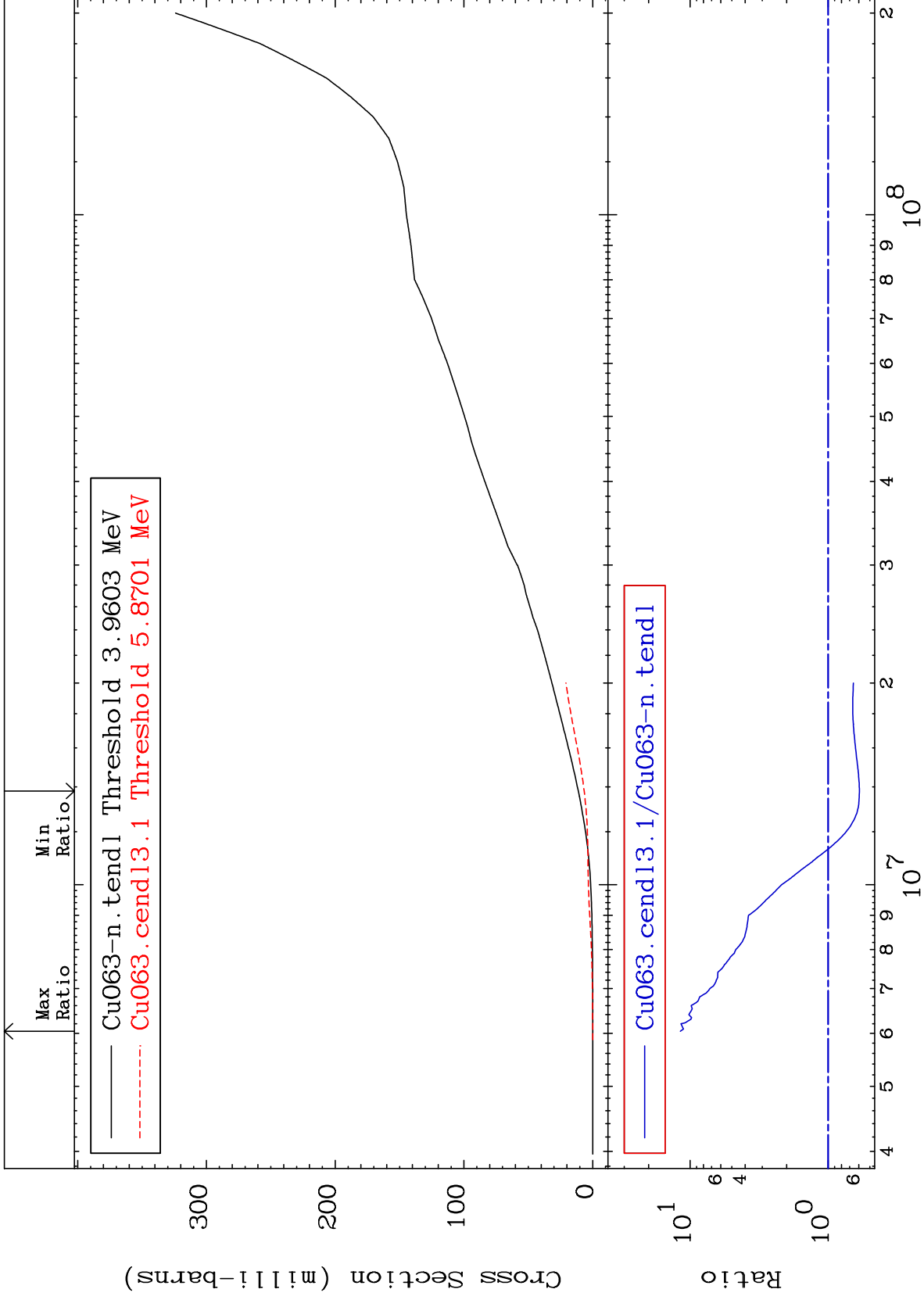
Incident Energy (eV)

29-Cu-63

MAT 2925

Deuterium Production
Cross Section

²⁹Cu-63
-40.59 To 1078. %



46

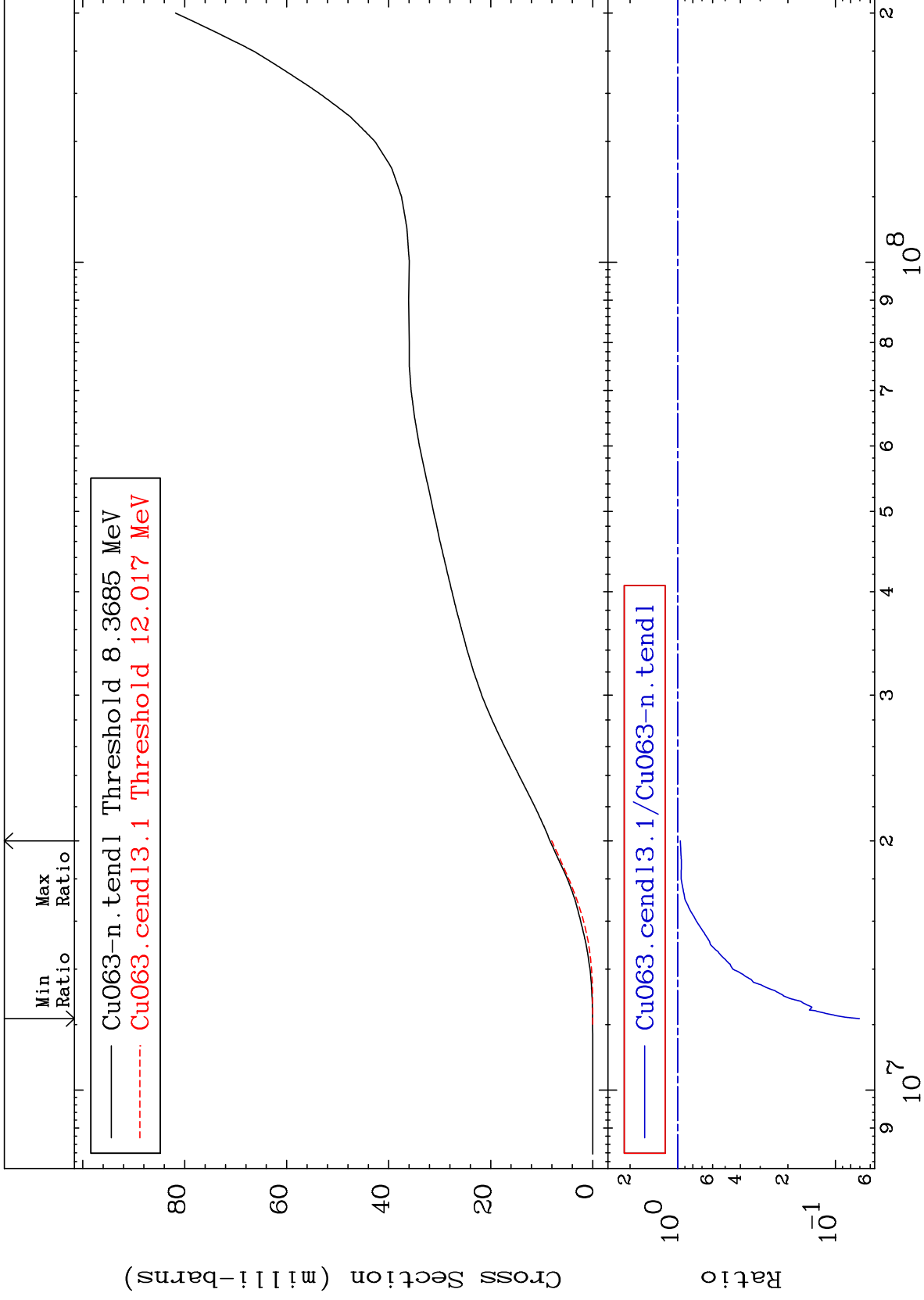
Incident Energy (eV)

²⁹Cu-63

MAT 2925

Tritium Production
Cross Section

²⁹Cu-63
-92.96 To -3.961%



47

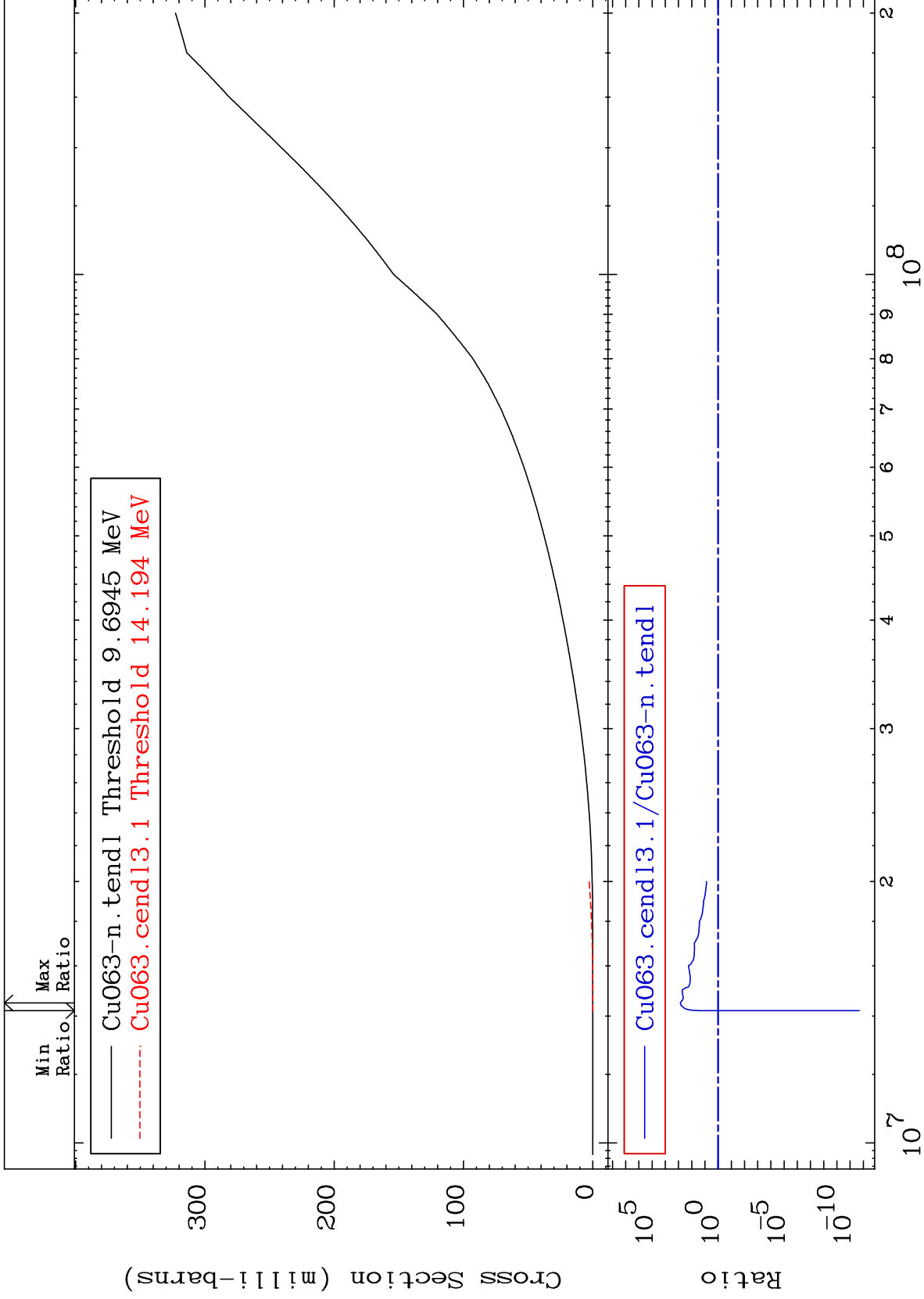
Incident Energy (eV)

²⁹Cu-63

MAT 2925

He-3 Production
Cross Section

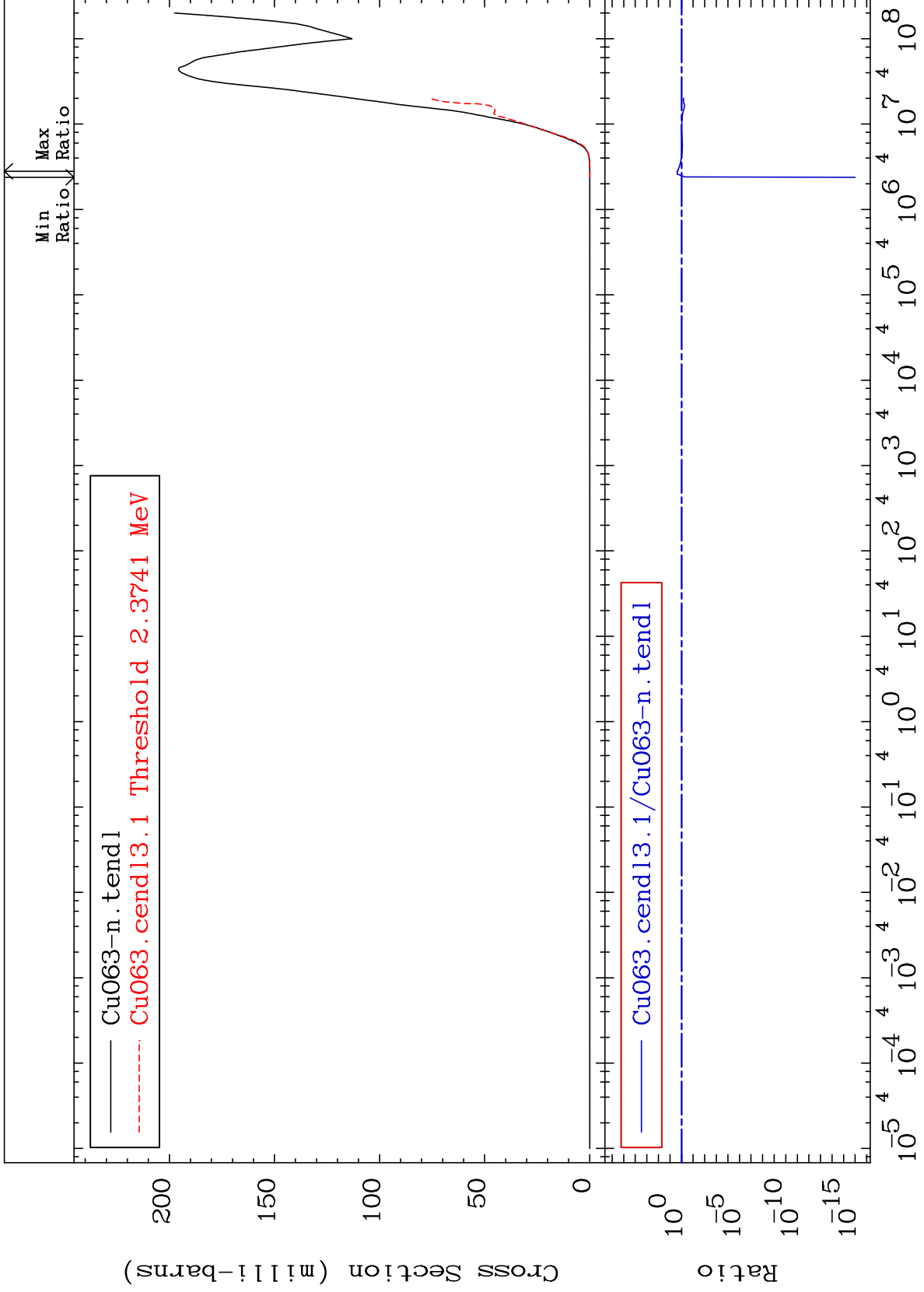
29-Cu-63
-100.0 To 9999. %

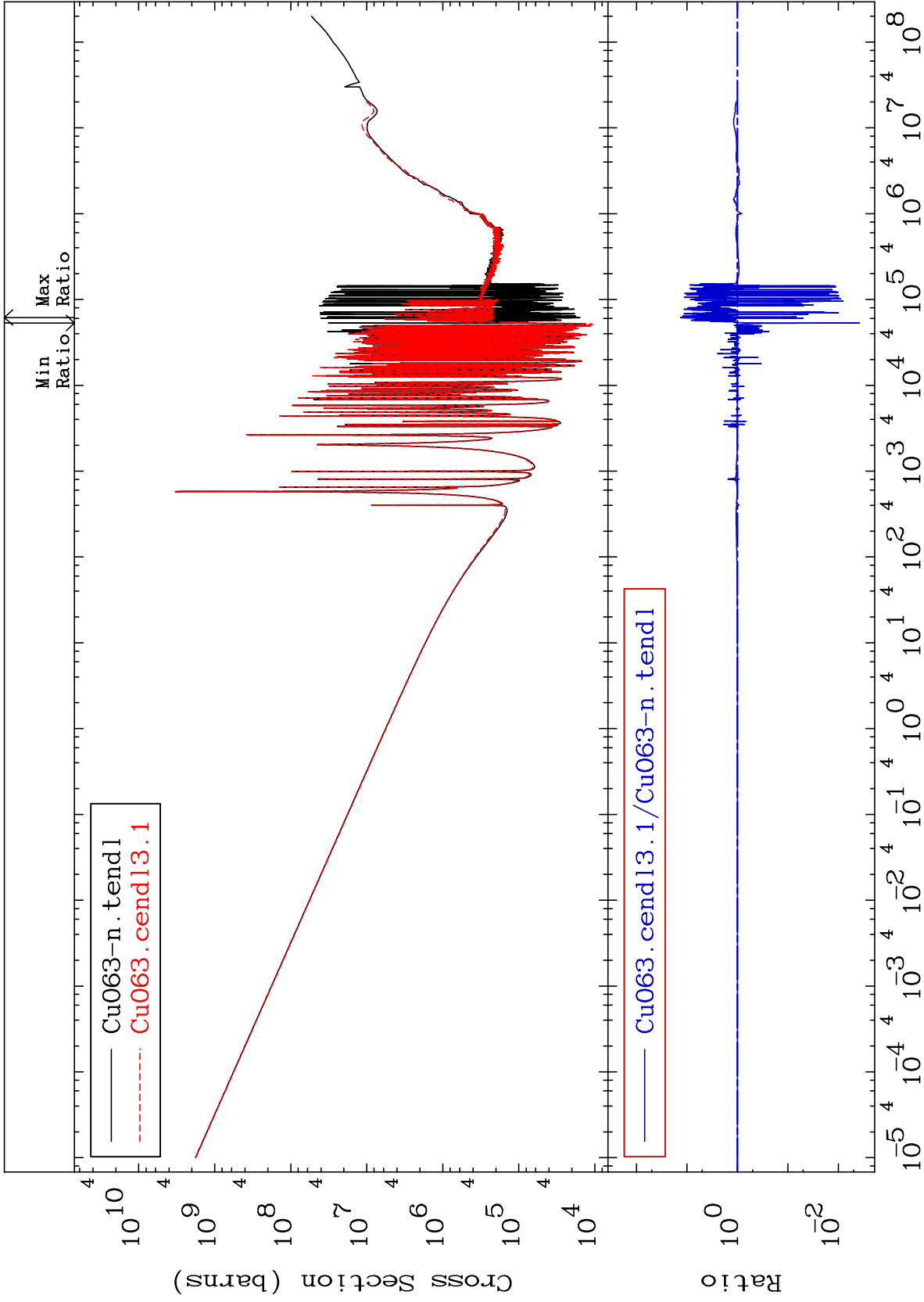


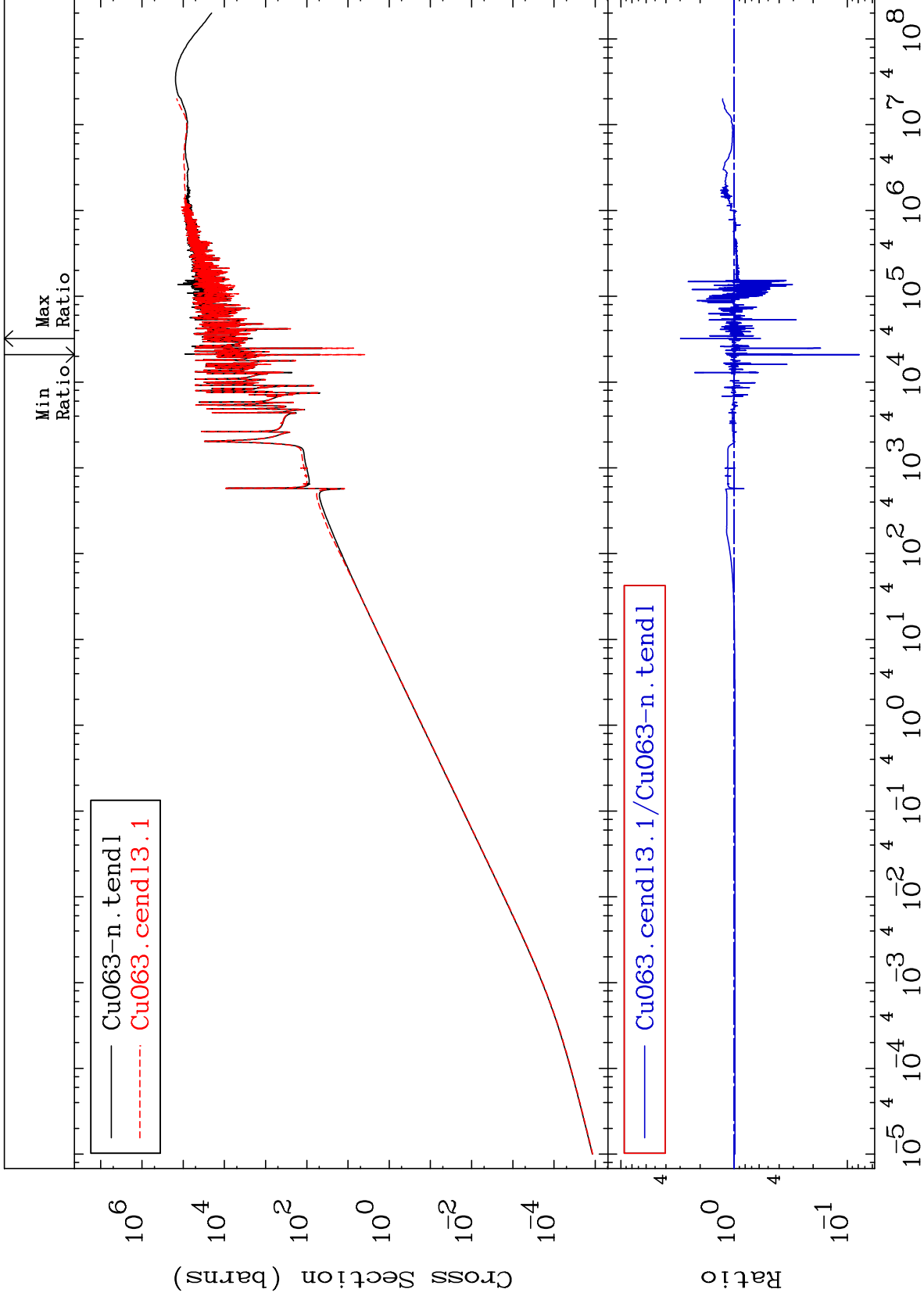
48

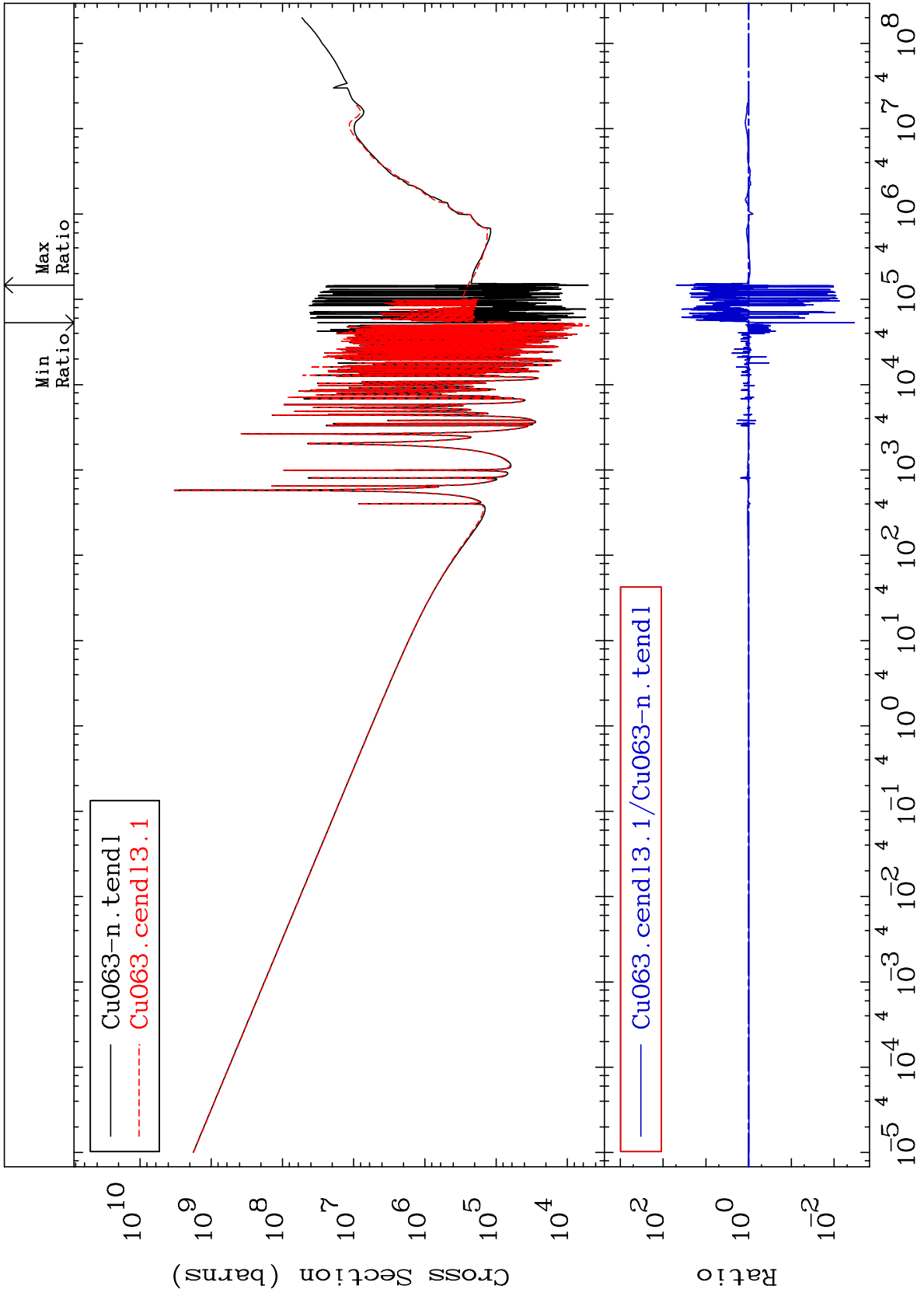
Incident Energy (eV)

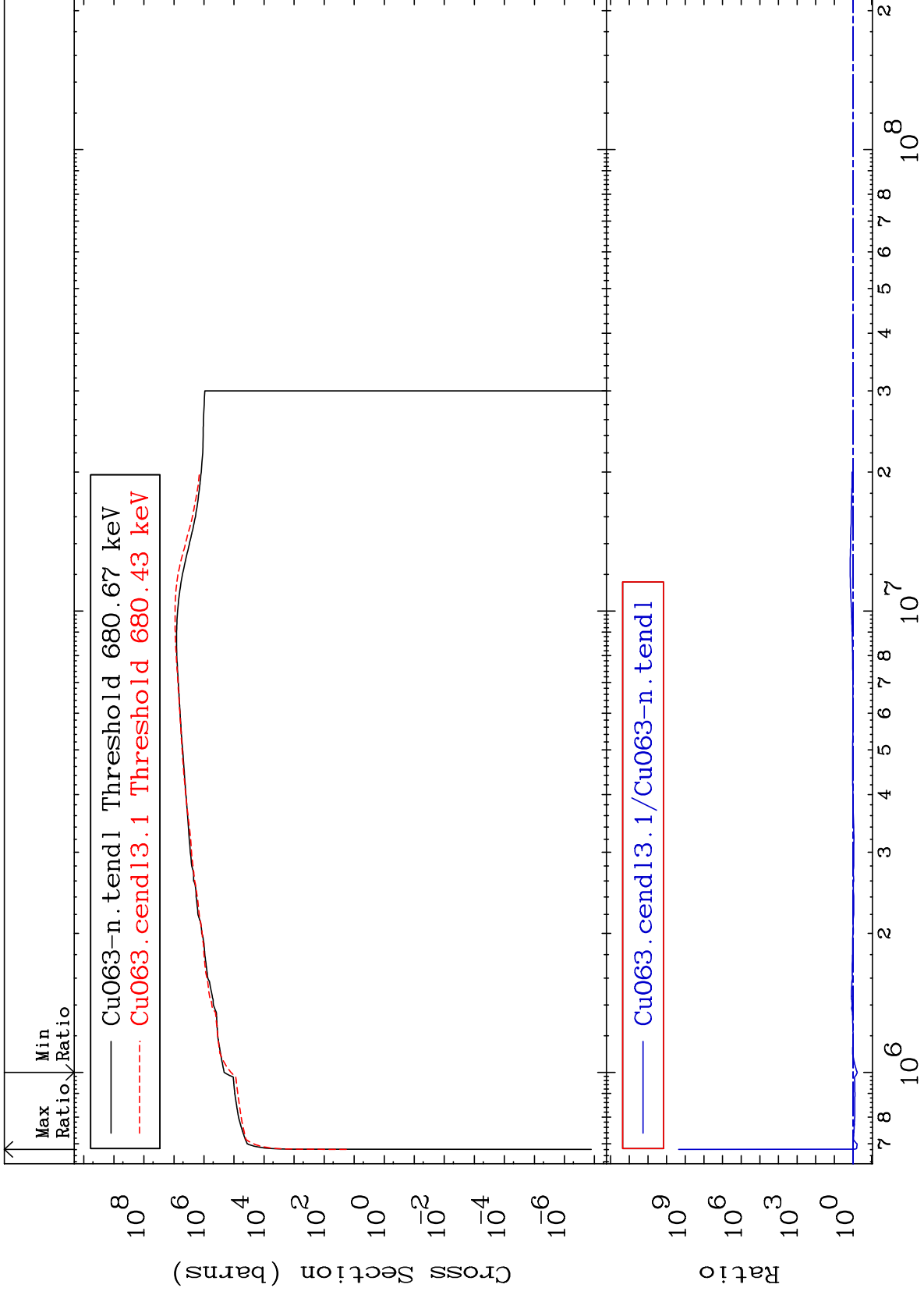
29-Cu-63

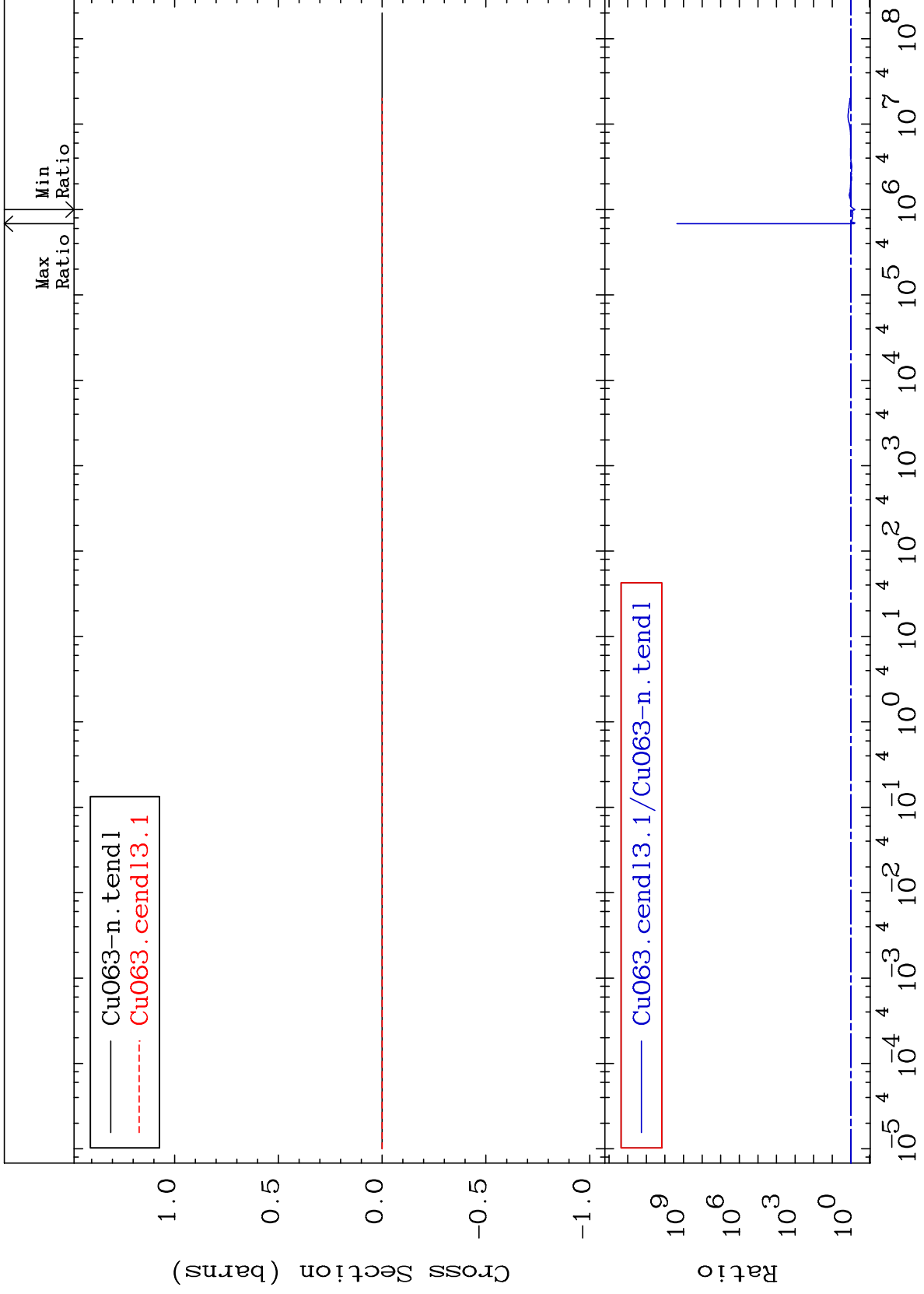


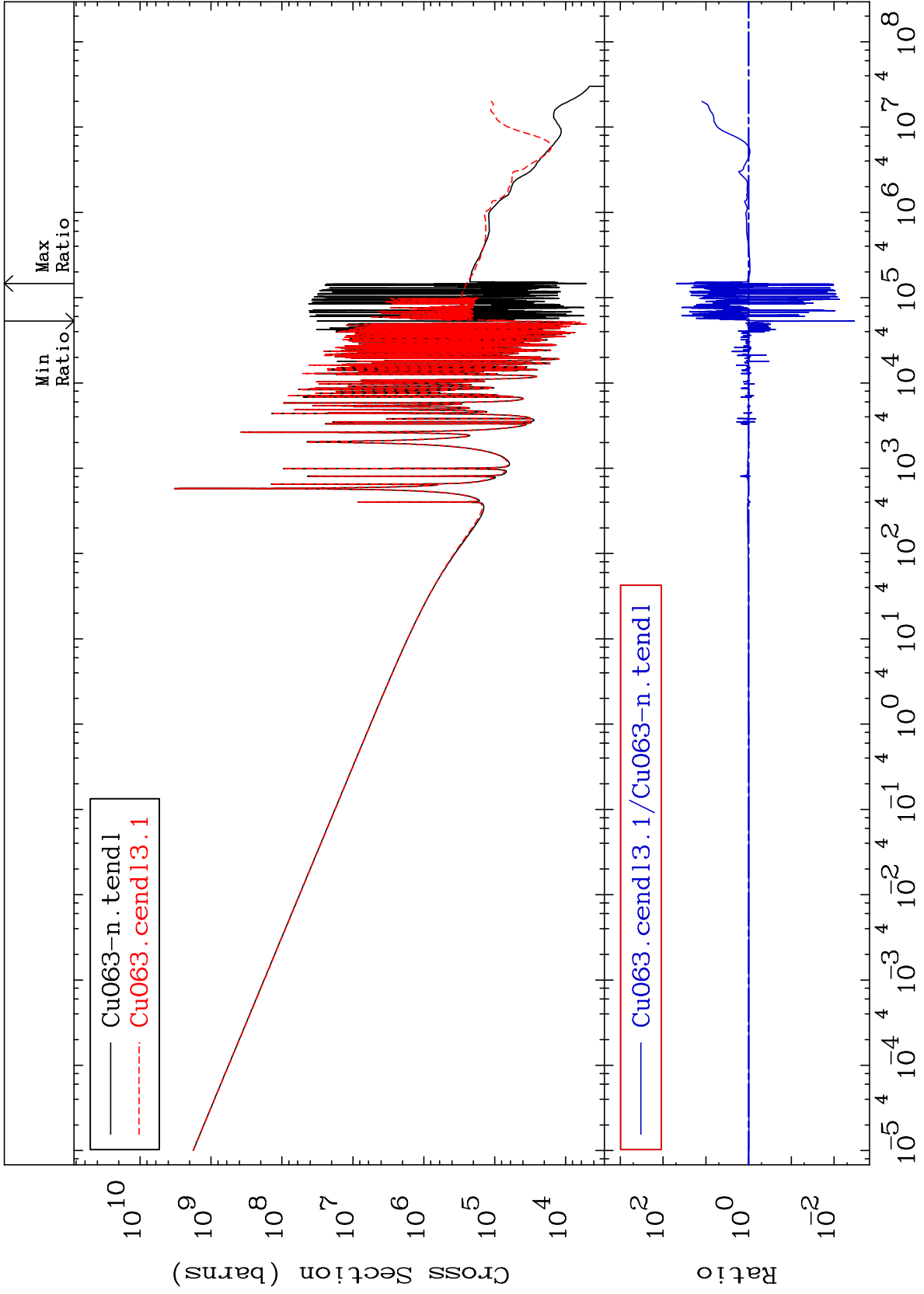








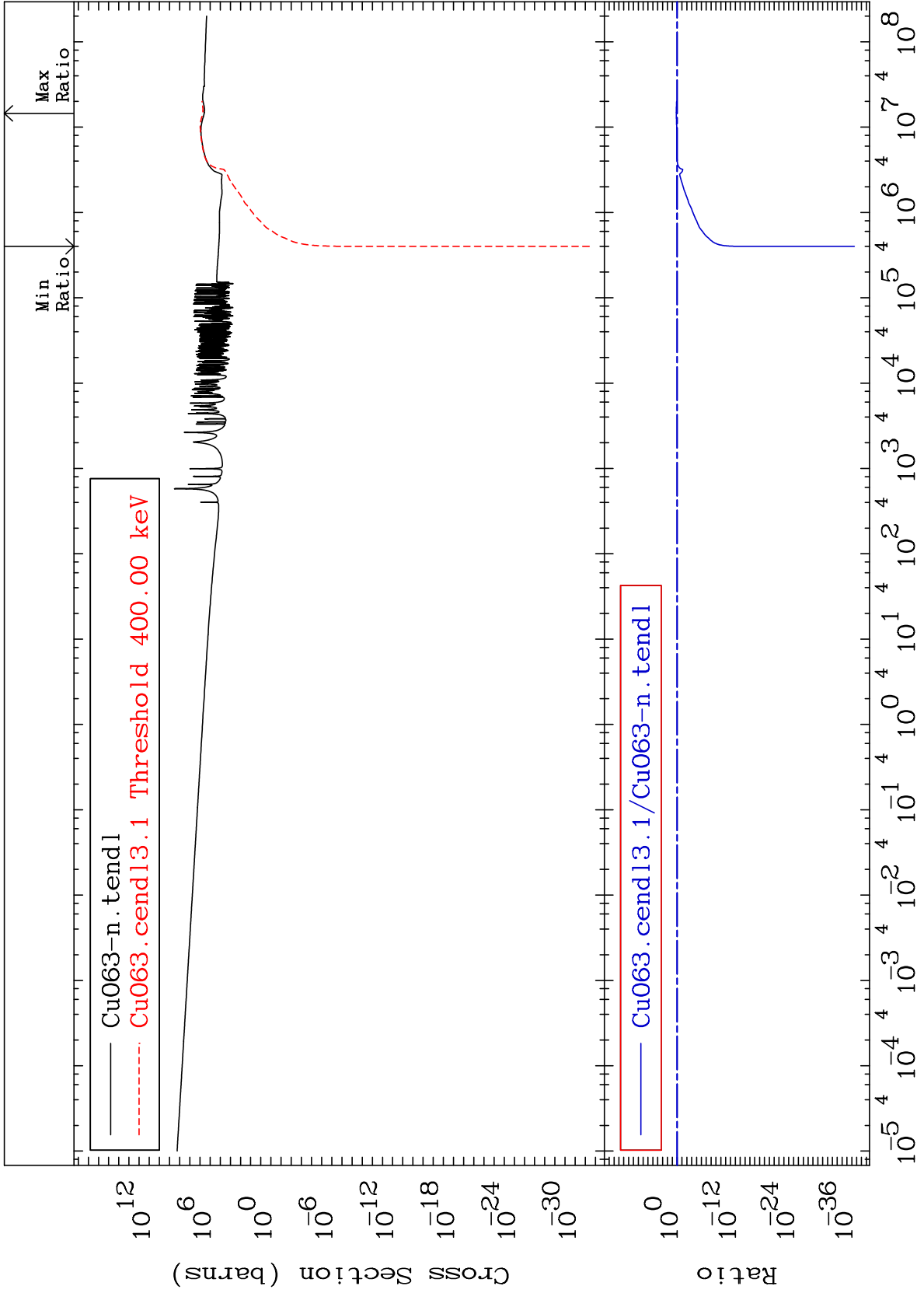




MAT 2925

Total photon (eV-barns)
Cross Section

29-Cu-63
-100.0 To 43.76 %



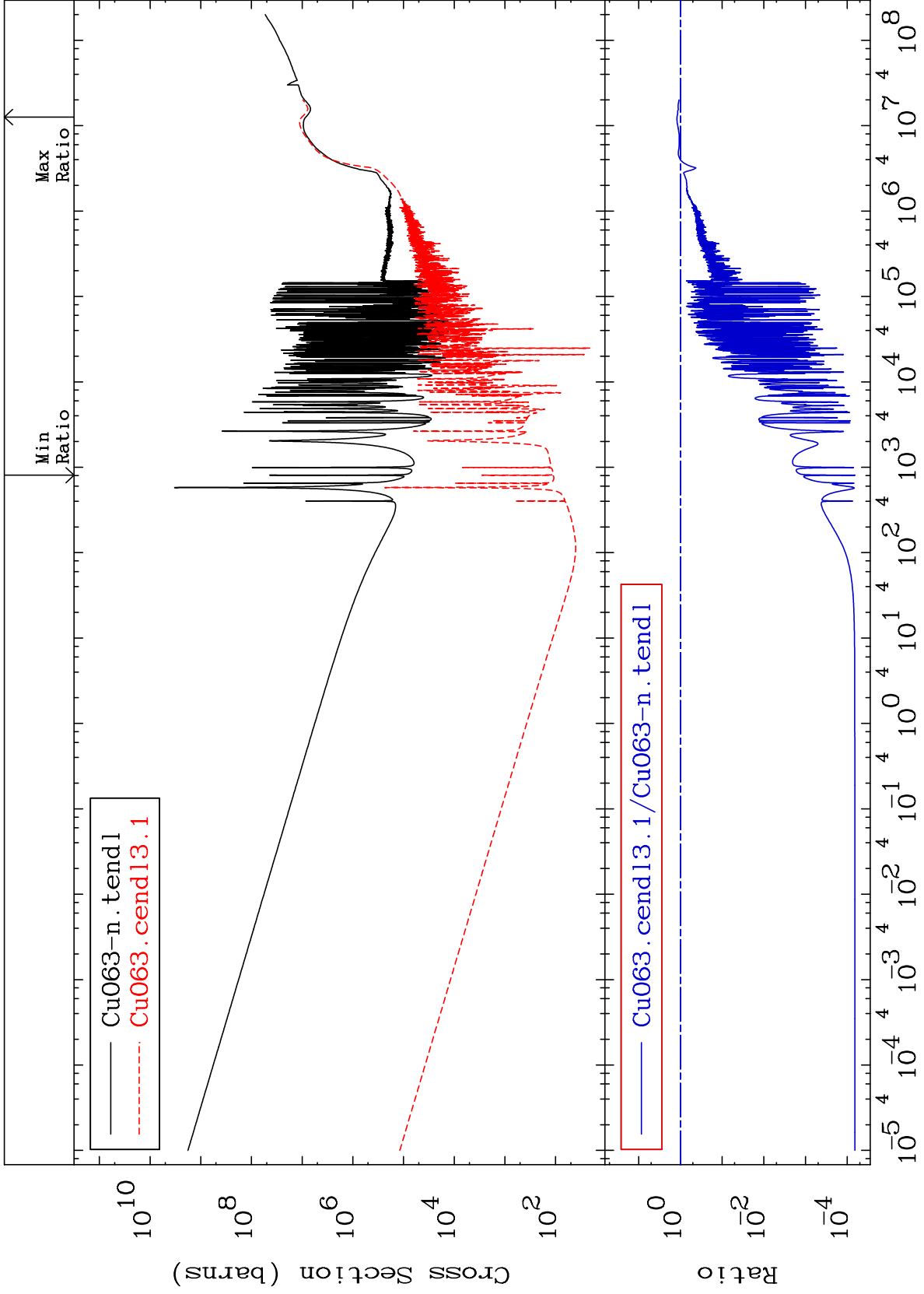
Cu063-n.tendl
Cu063.cendl3.1 Threshold 400.00 keV

Cu063.cendl3.1/Cu063-n.tendl

MAT 2925

Total kinematic kerma (high limit)
Cross Section

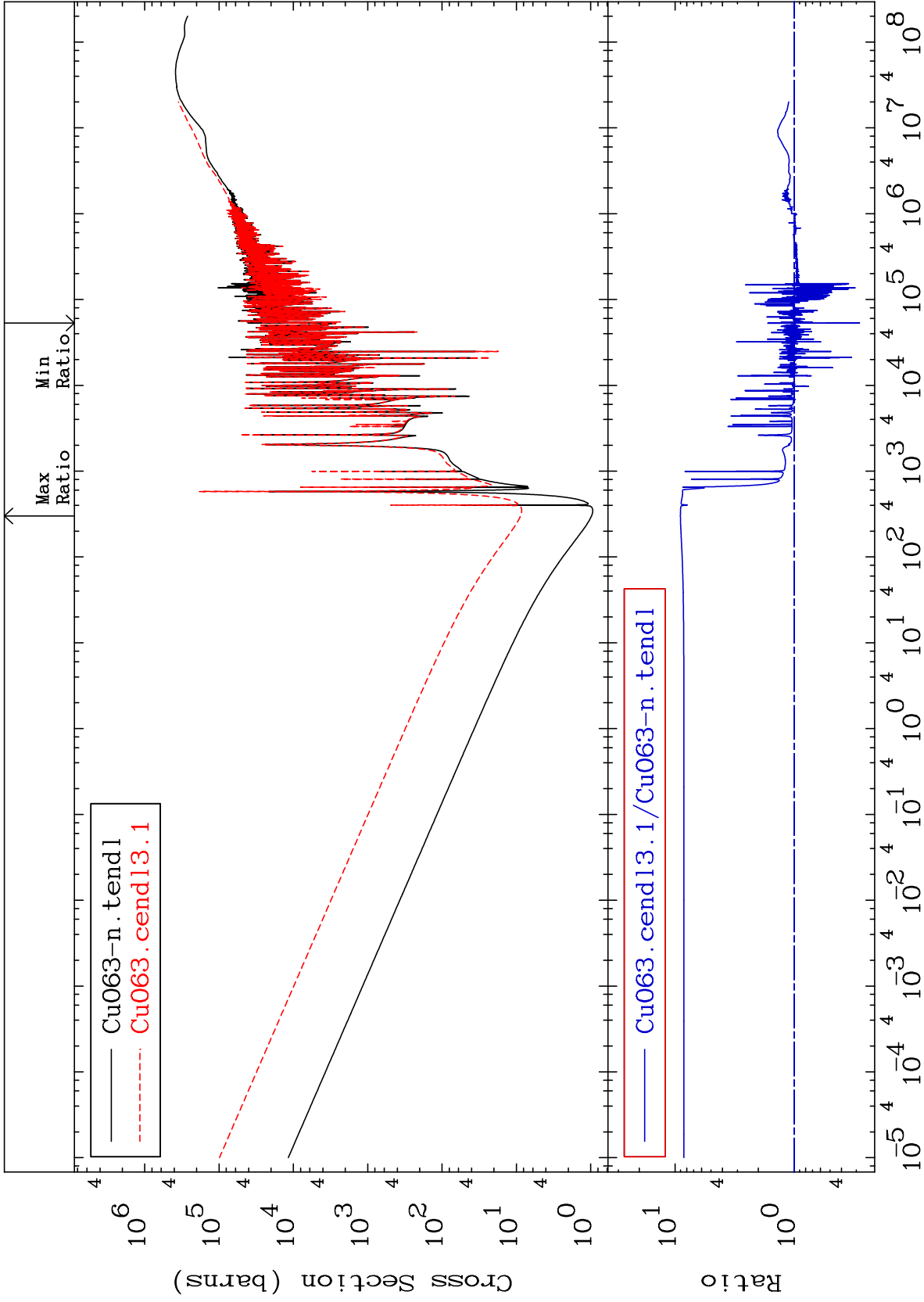
29-Cu-63
-99.99 To 20.83 %

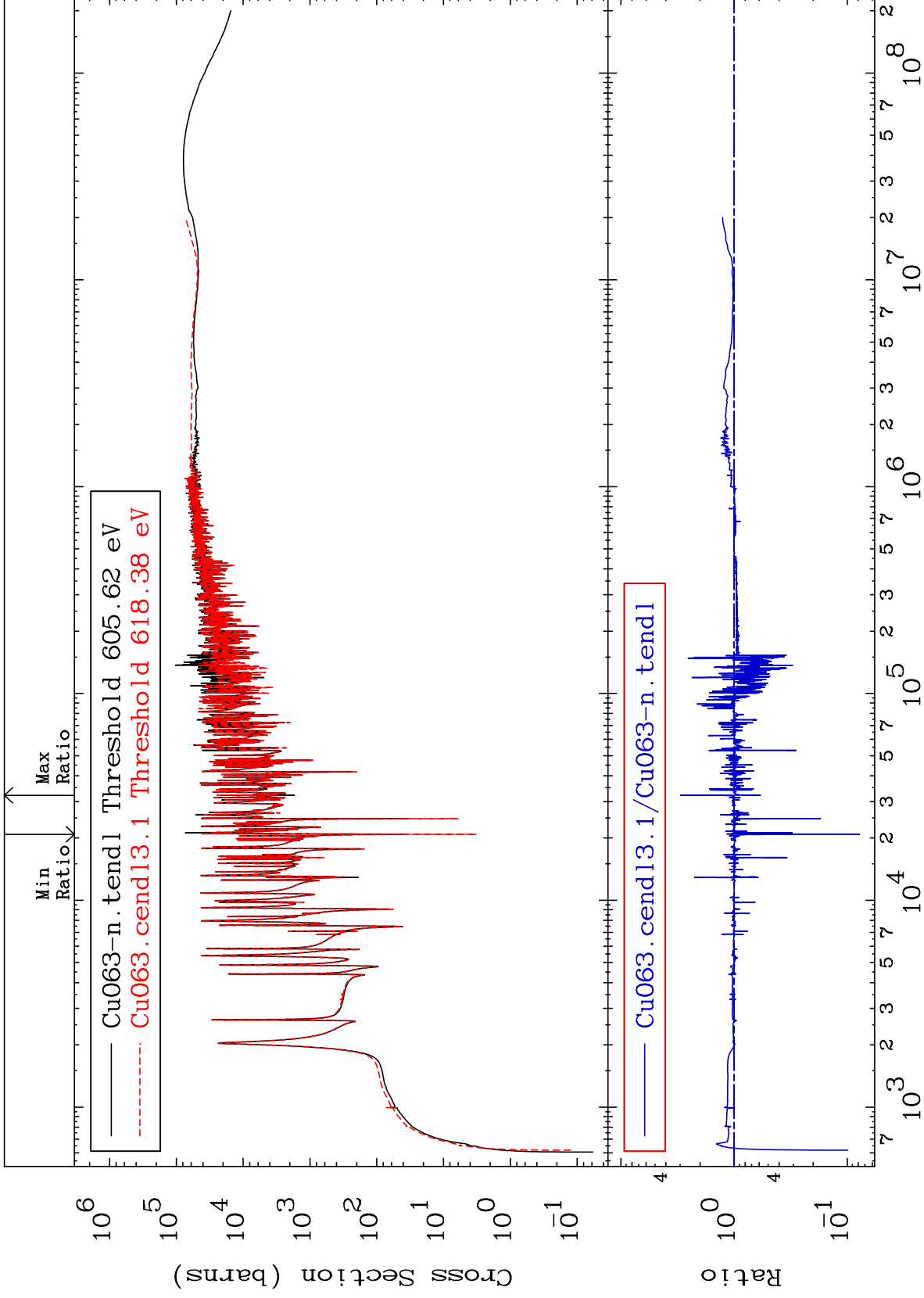


57

Incident Energy (eV)

29-Cu-63

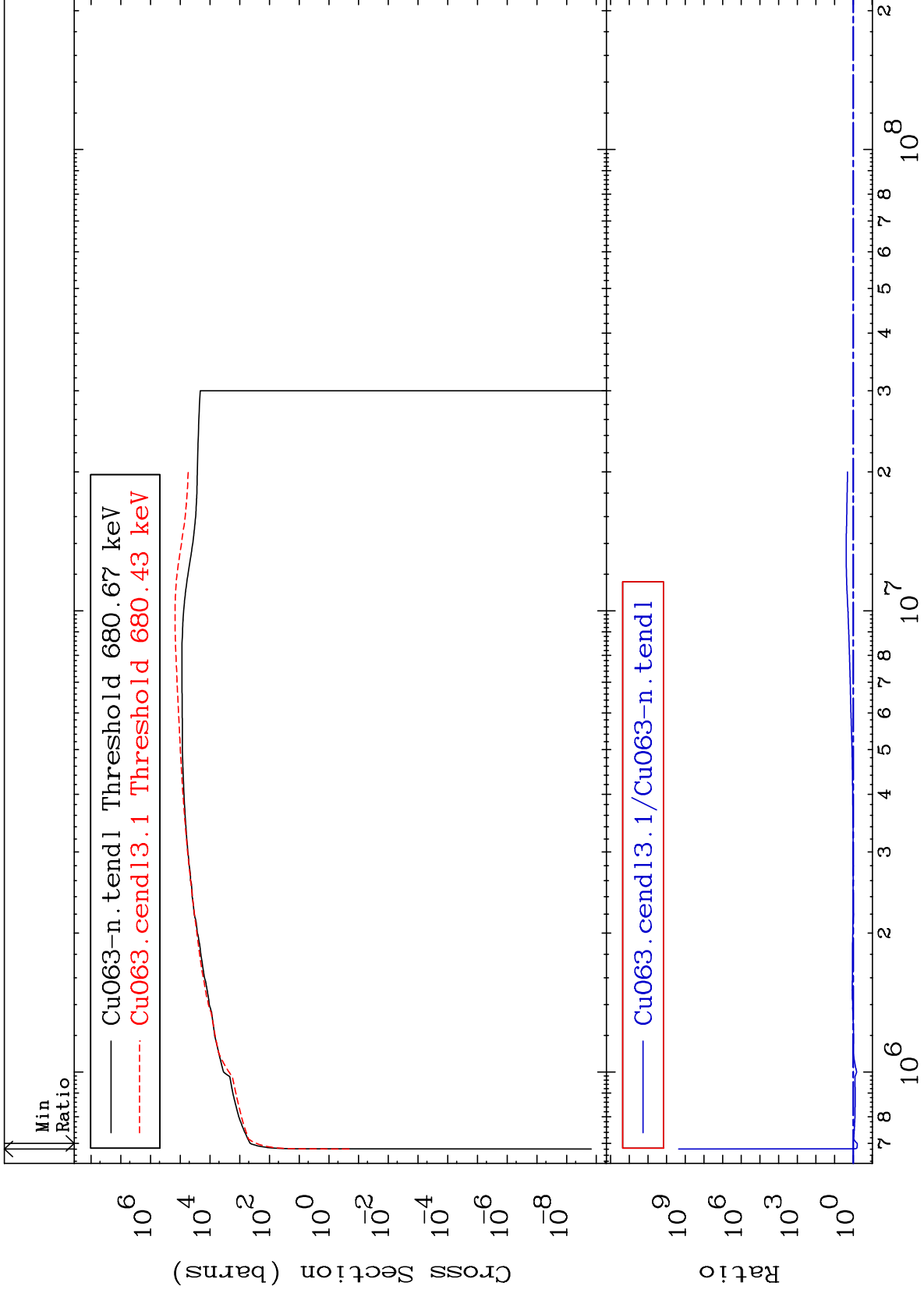




MAT 2925

Dpa inelastic (mt51-91)
Cross Section

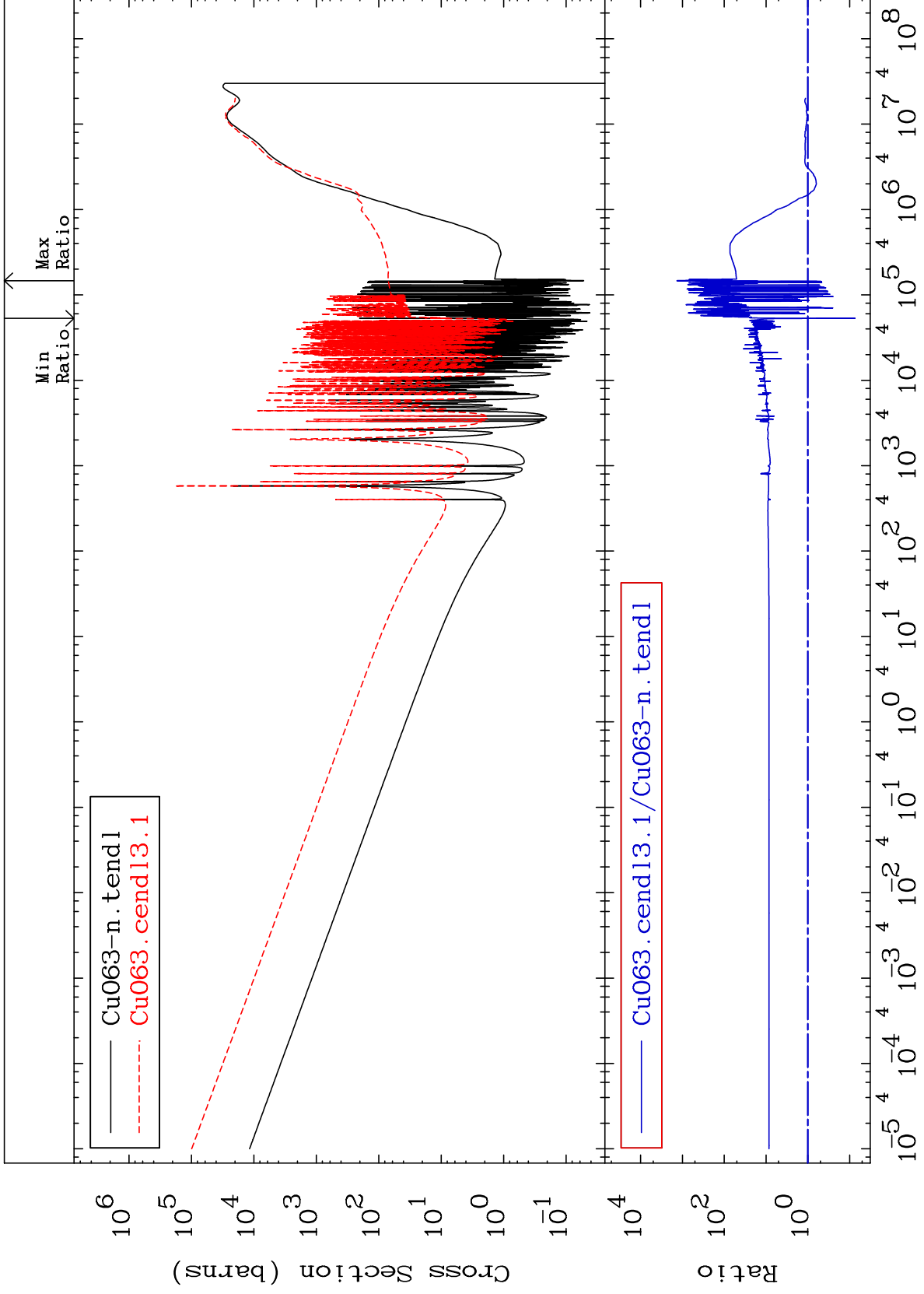
29-Cu-63
-38.70 To 9999. %



MAT 2925

Dpa disappearance (mt102 -120)
Cross Section

29-Cu-63
-92.59 To 9999. %



61

Incident Energy (eV)

29-Cu-63