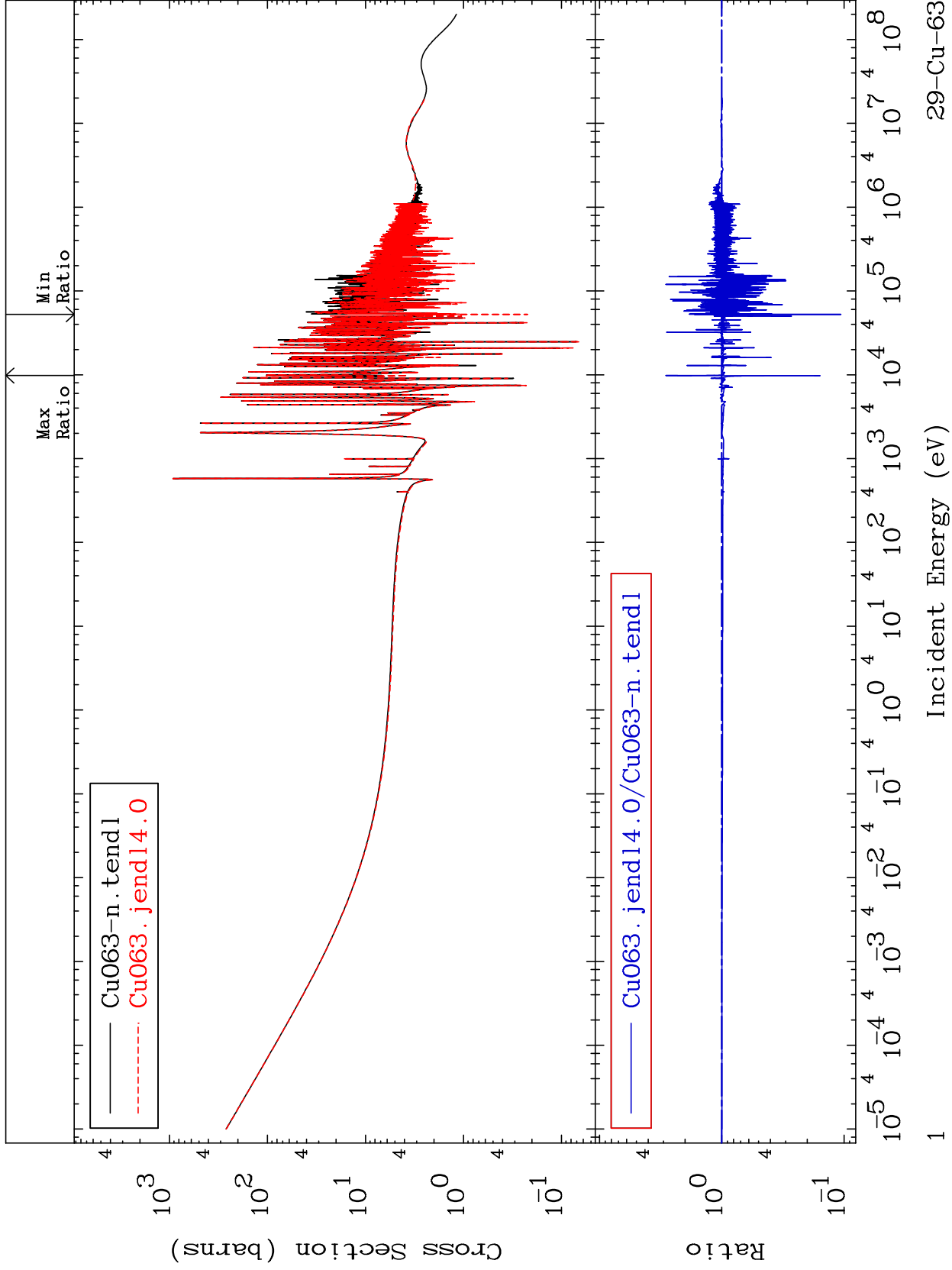


MAT 2925

Total
Cross Section

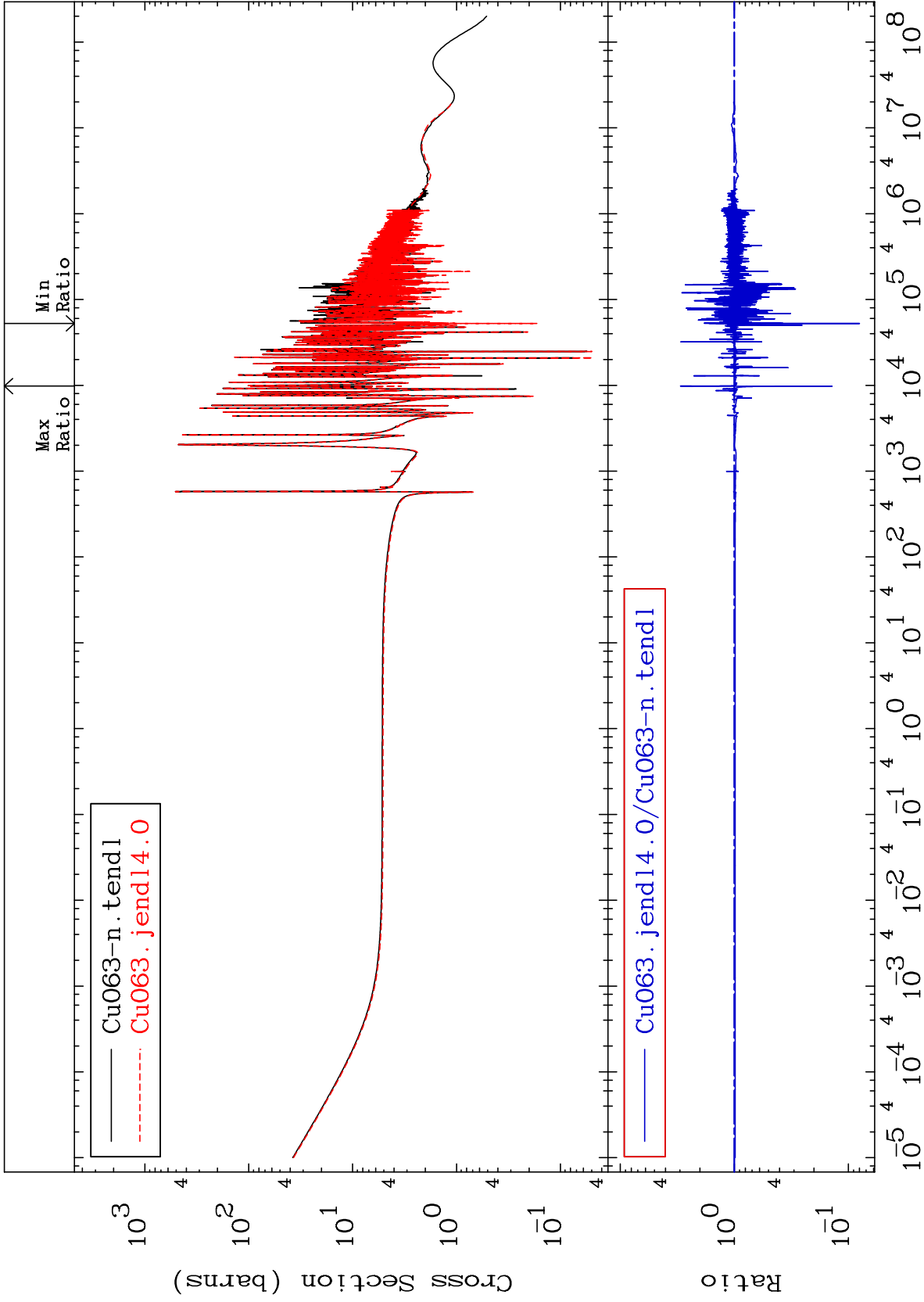
29-Cu-63
-89.38 To 186.2 %



MAT 2925

Elastic
Cross Section

29-Cu-63
-92.00 To 196.8 %



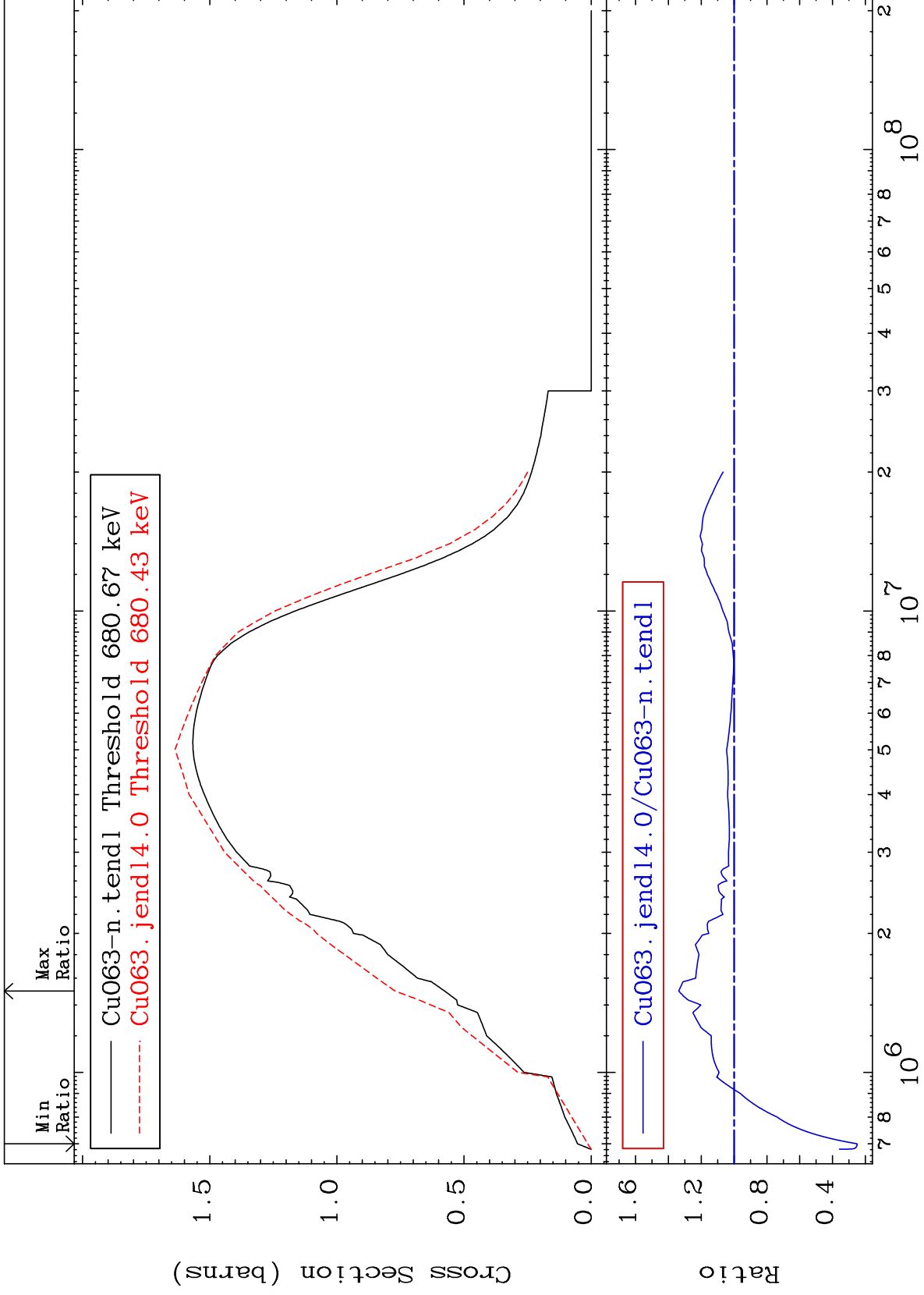
Incident Energy (eV)

29-Cu-63

MAT 2925

Inelastic
Cross Section

29-Cu-63
-75.02 To 33.74 %



3

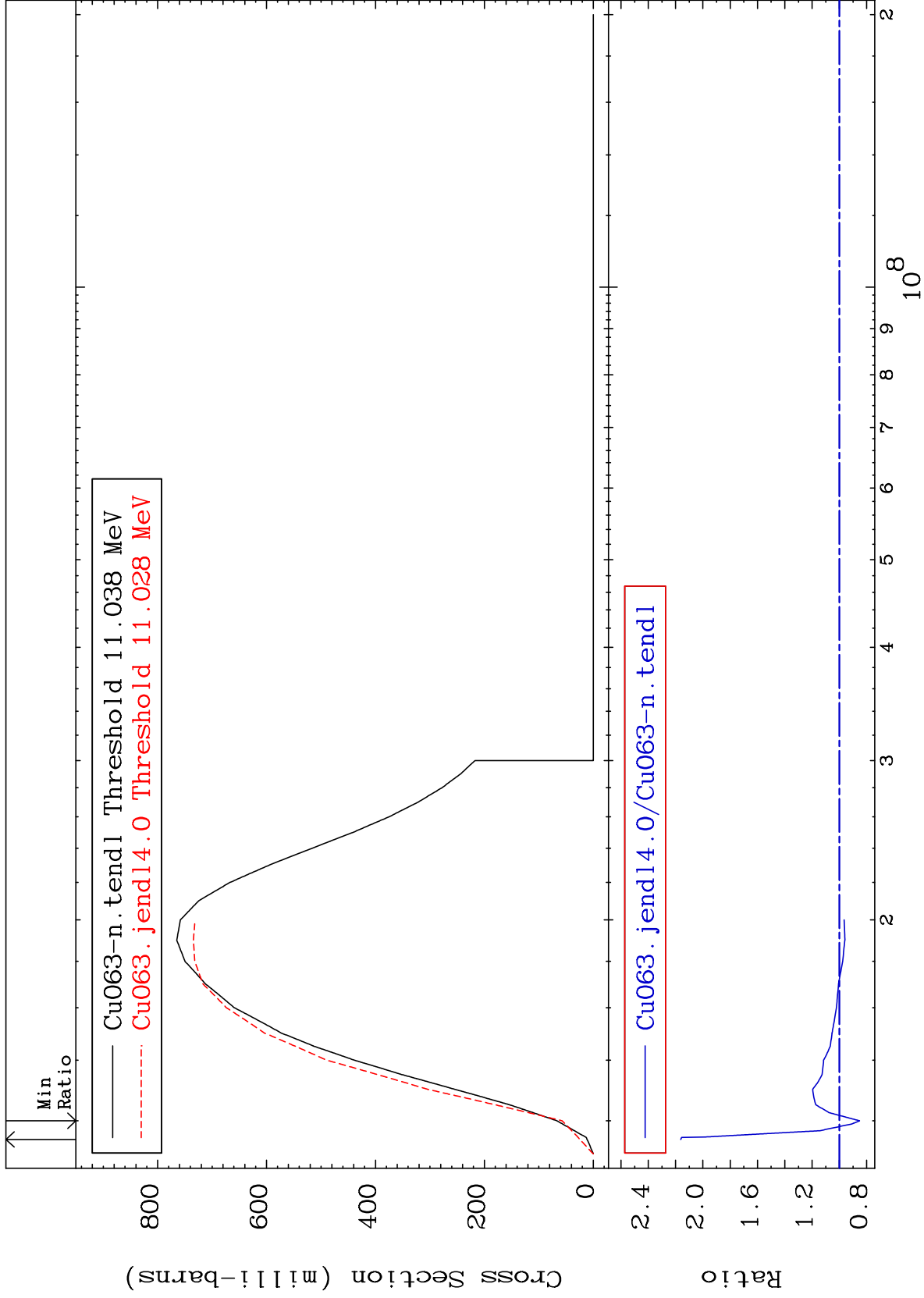
Incident Energy (eV)

29-Cu-63

MAT 2925

(n,2n)
Cross Section

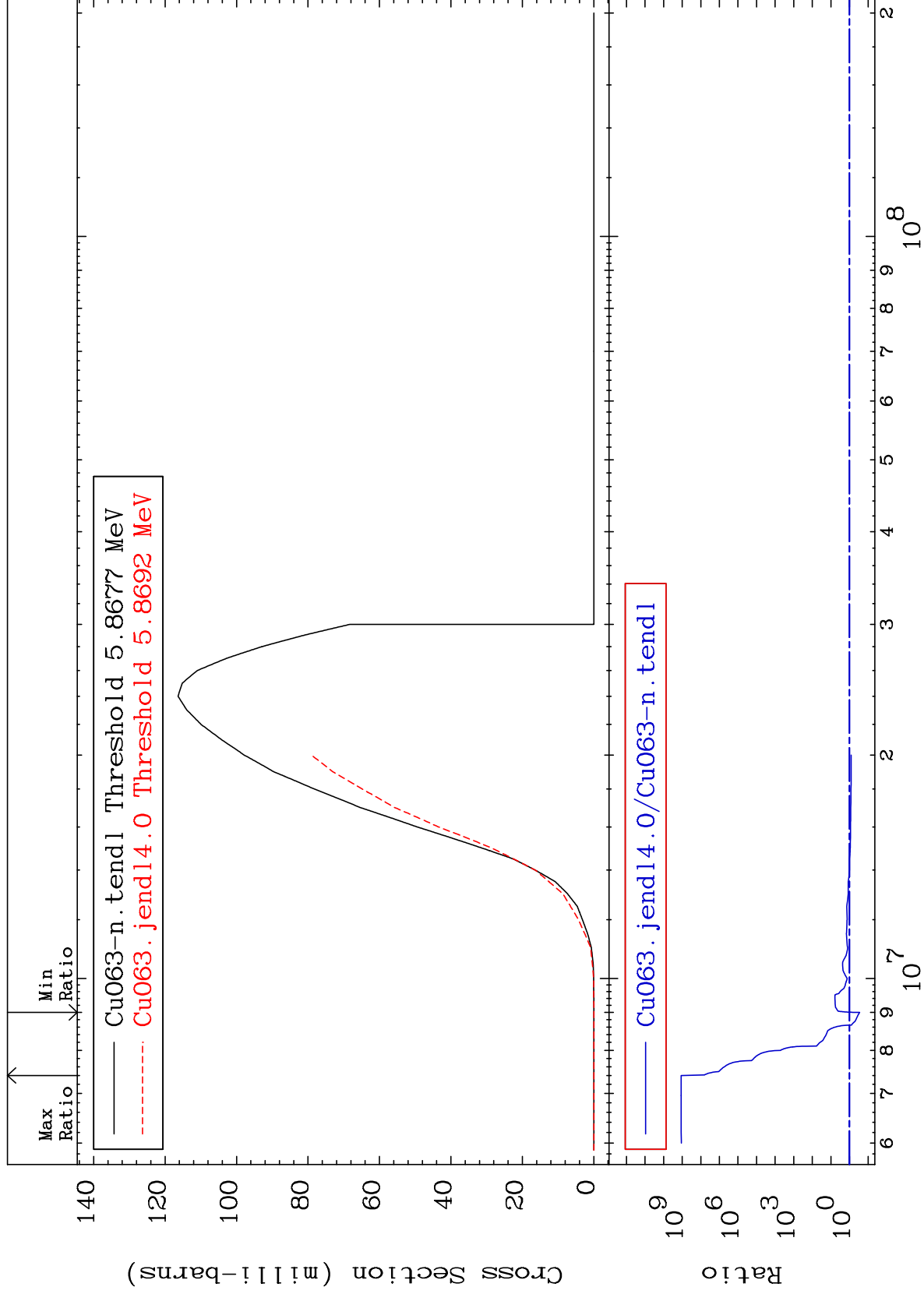
29-Cu-63
-14.74 To 116.2 %



MAT 2925

(n,n') α
Cross Section

29-Cu-63
-71.64 To 9999. %



5

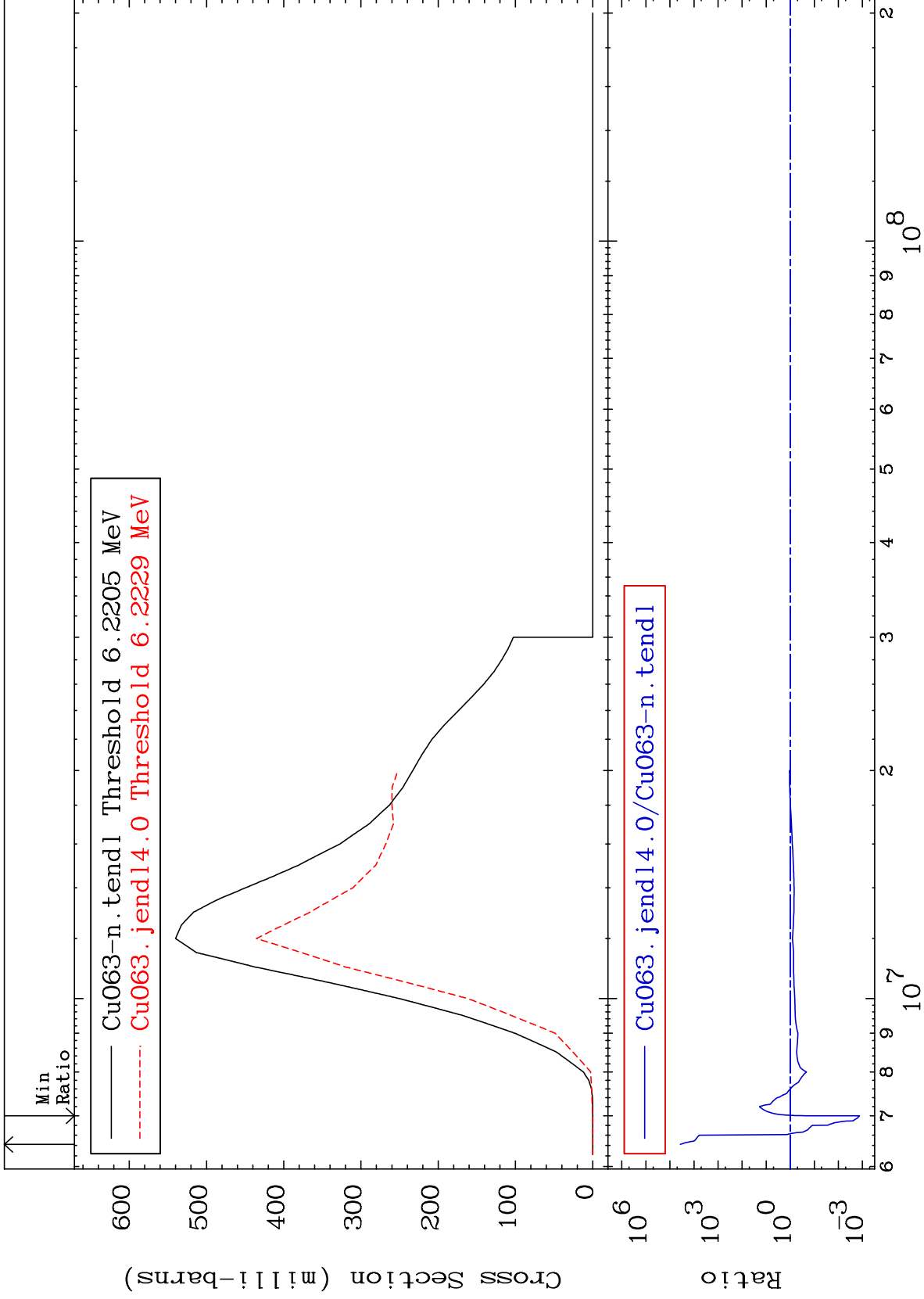
Incident Energy (eV)

29-Cu-63

MAT 2925

(n,n') p
Cross Section

29-Cu-63
-99.87 To 9999. %



6

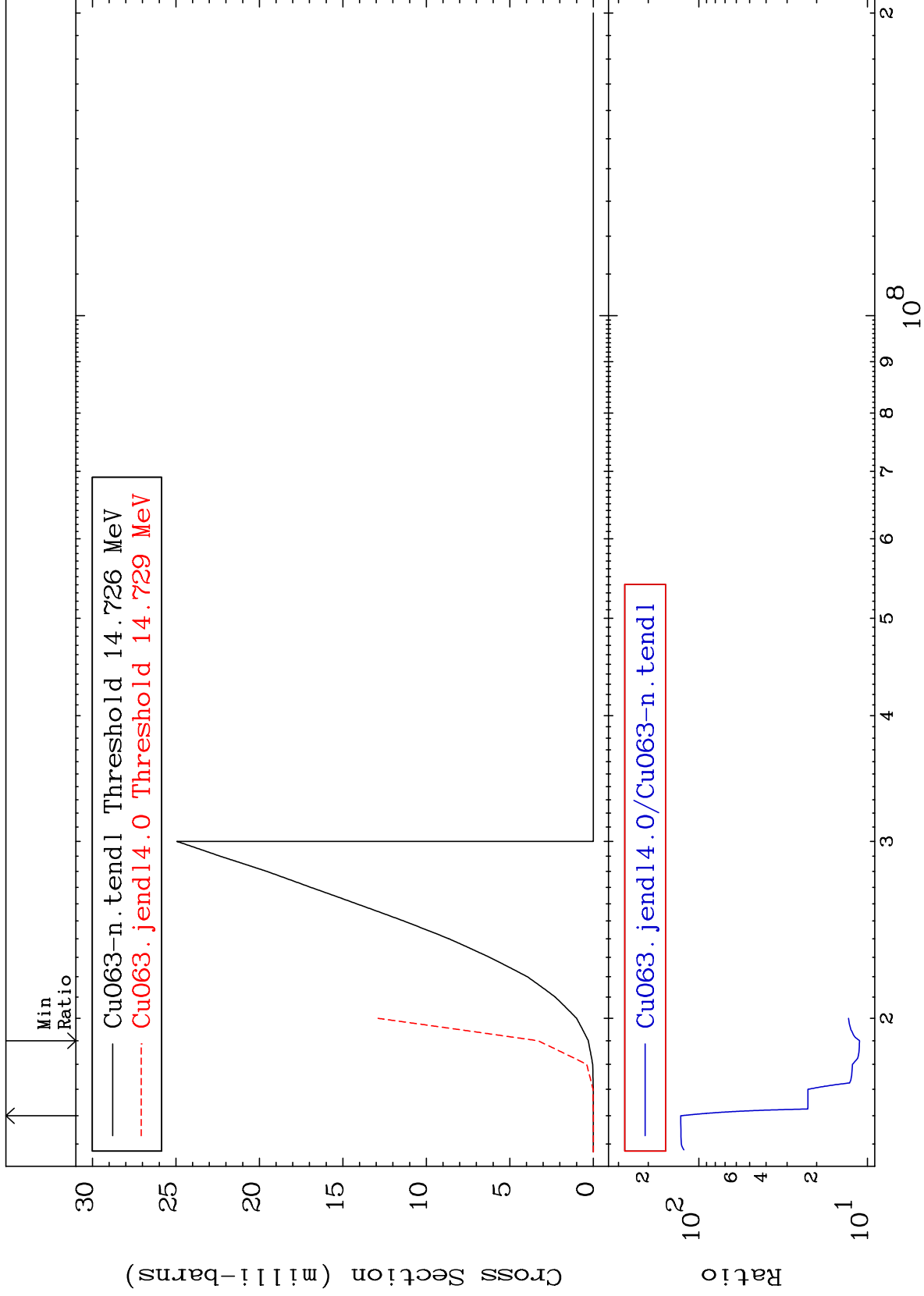
Incident Energy (eV)

29-Cu-63

MAT 2925

(n,n') d
Cross Section

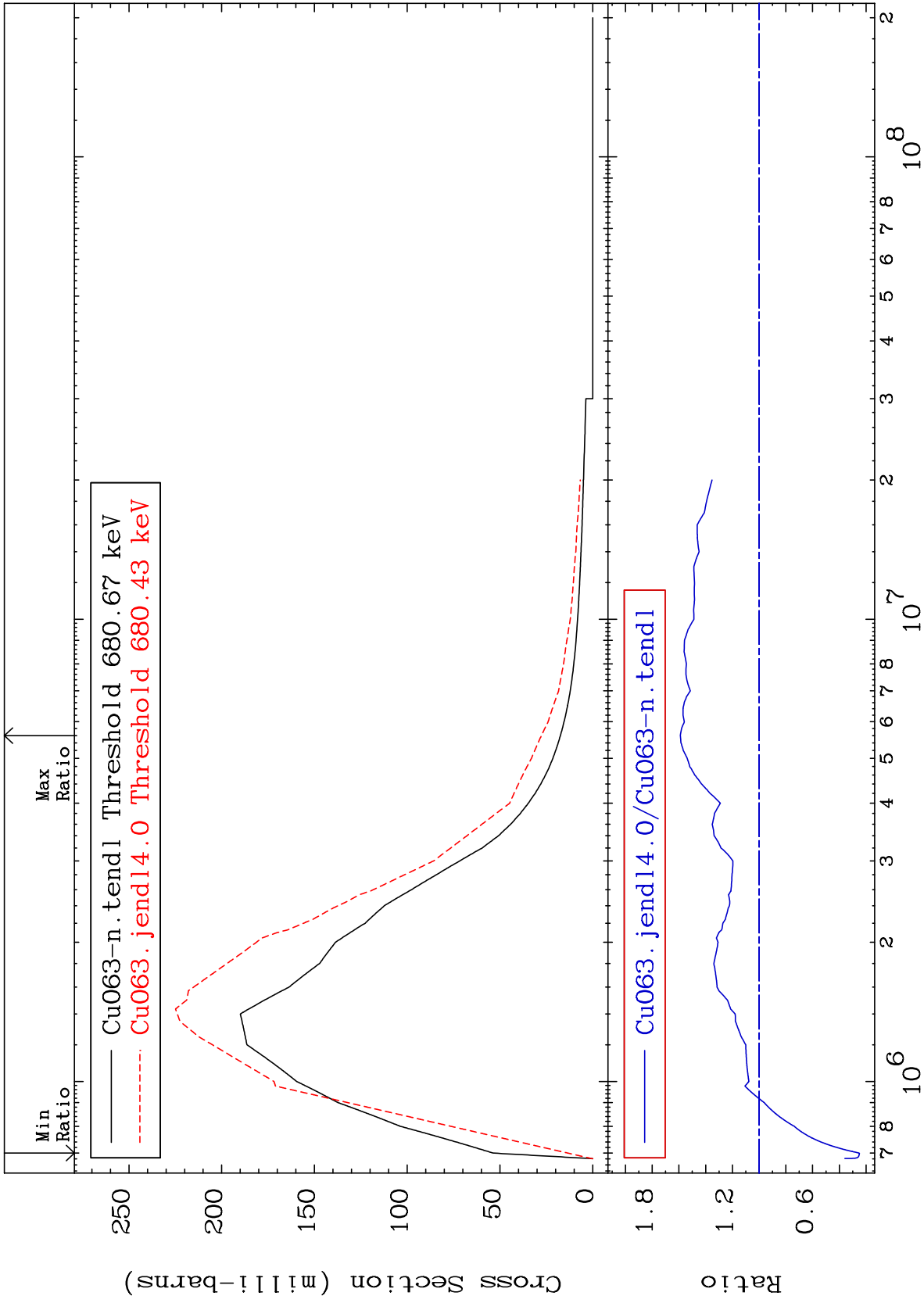
29-Cu-63
1014. To 9999. %



MAT 2925

669.9 keV (n,n') Level
Cross Section

29-Cu-63
-75.02 To 58.92 %



8

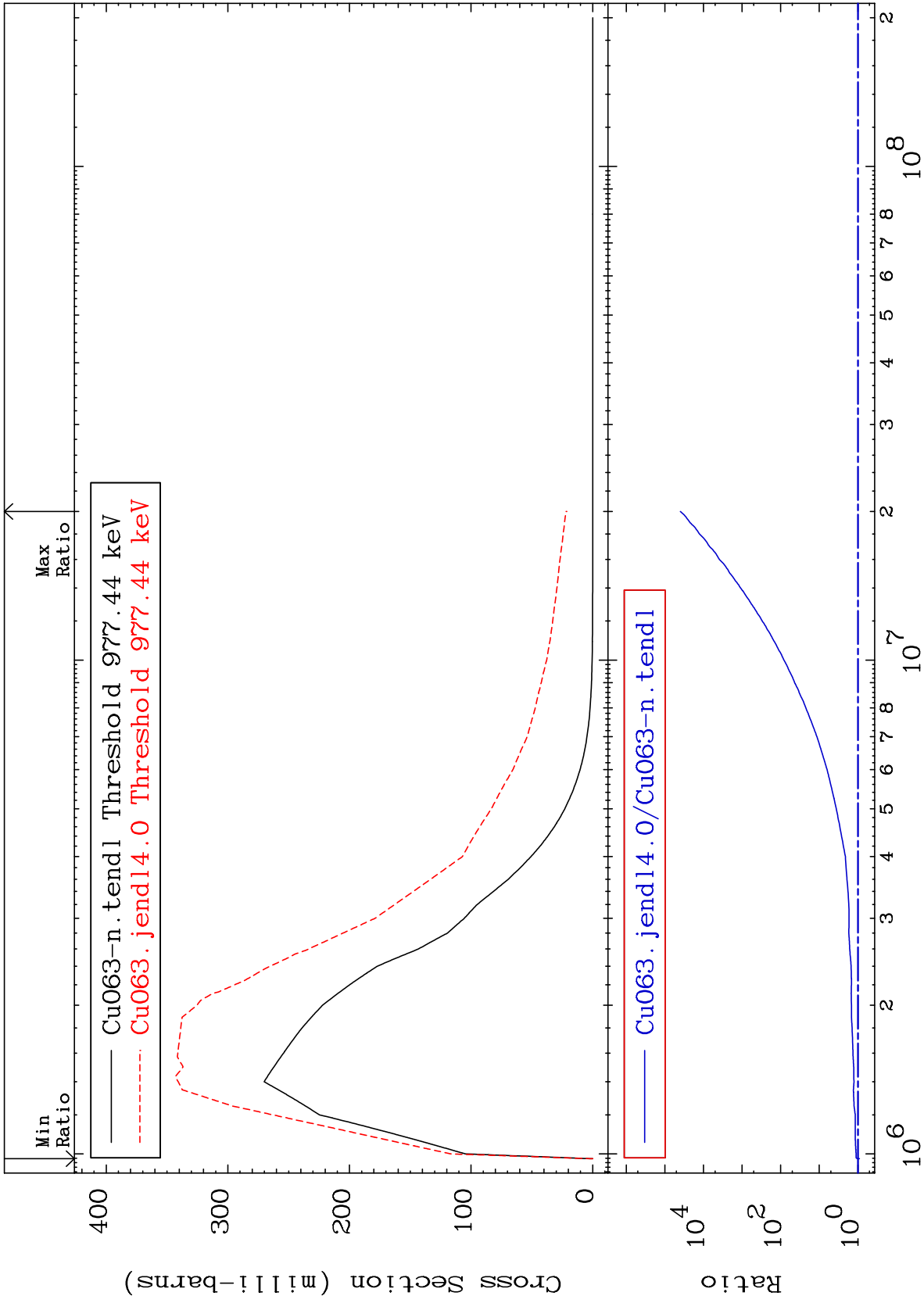
Incident Energy (eV)

29-Cu-63

MAT 2925

962.0 keV (n,n') Level
Cross Section

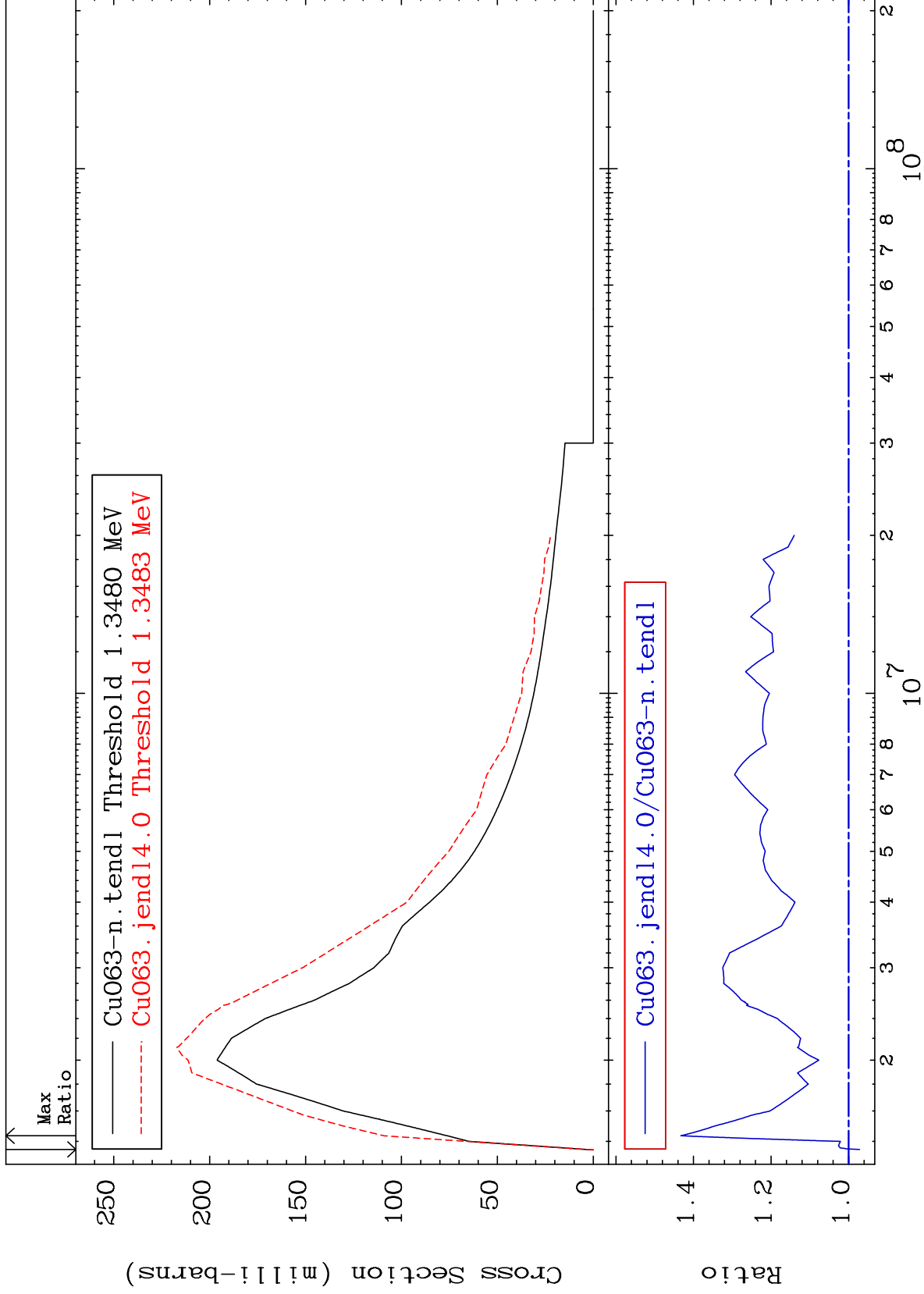
29-Cu-63
-8.712 To 9999. %



MAT 2925

1.327 MeV (n,n') Level
Cross Section

29-Cu-63
-2.815 To 43.28 %



10

Incident Energy (eV)

29-Cu-63

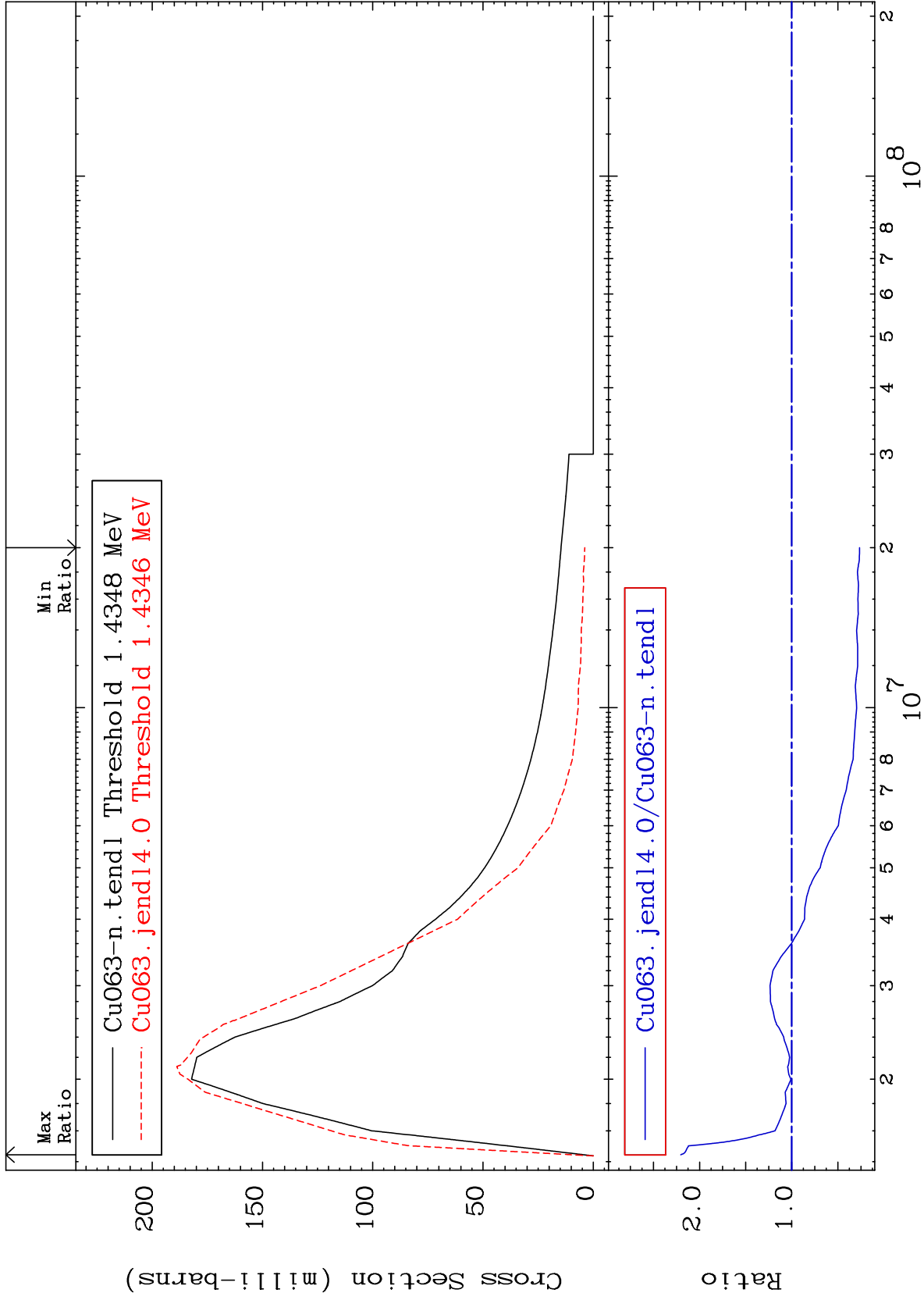
MAT 2925

1.412 MeV (n,n') Level

29-Cu-63

-73.53 To 120.4 %

Cross Section



11

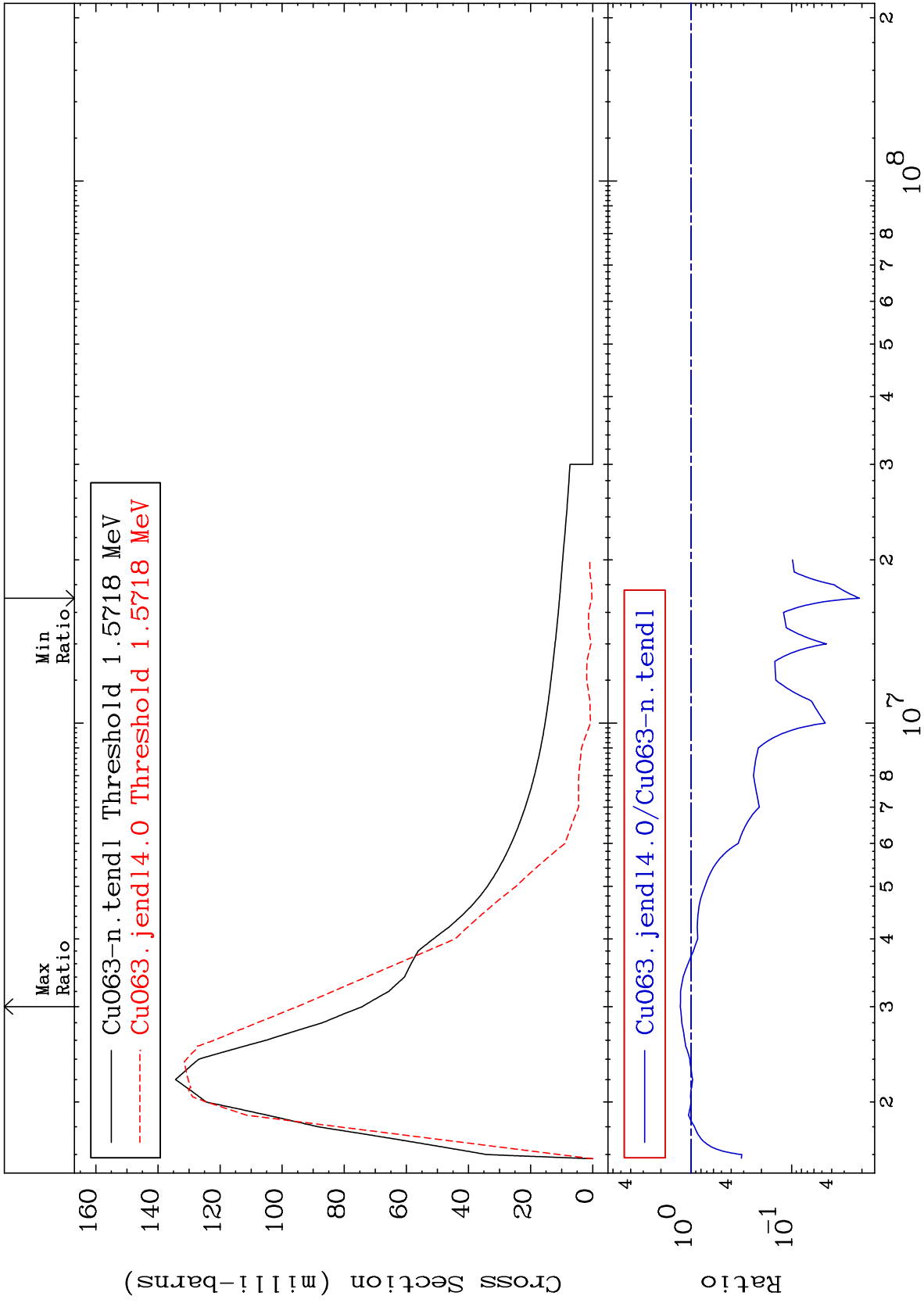
Incident Energy (eV)

29-Cu-63

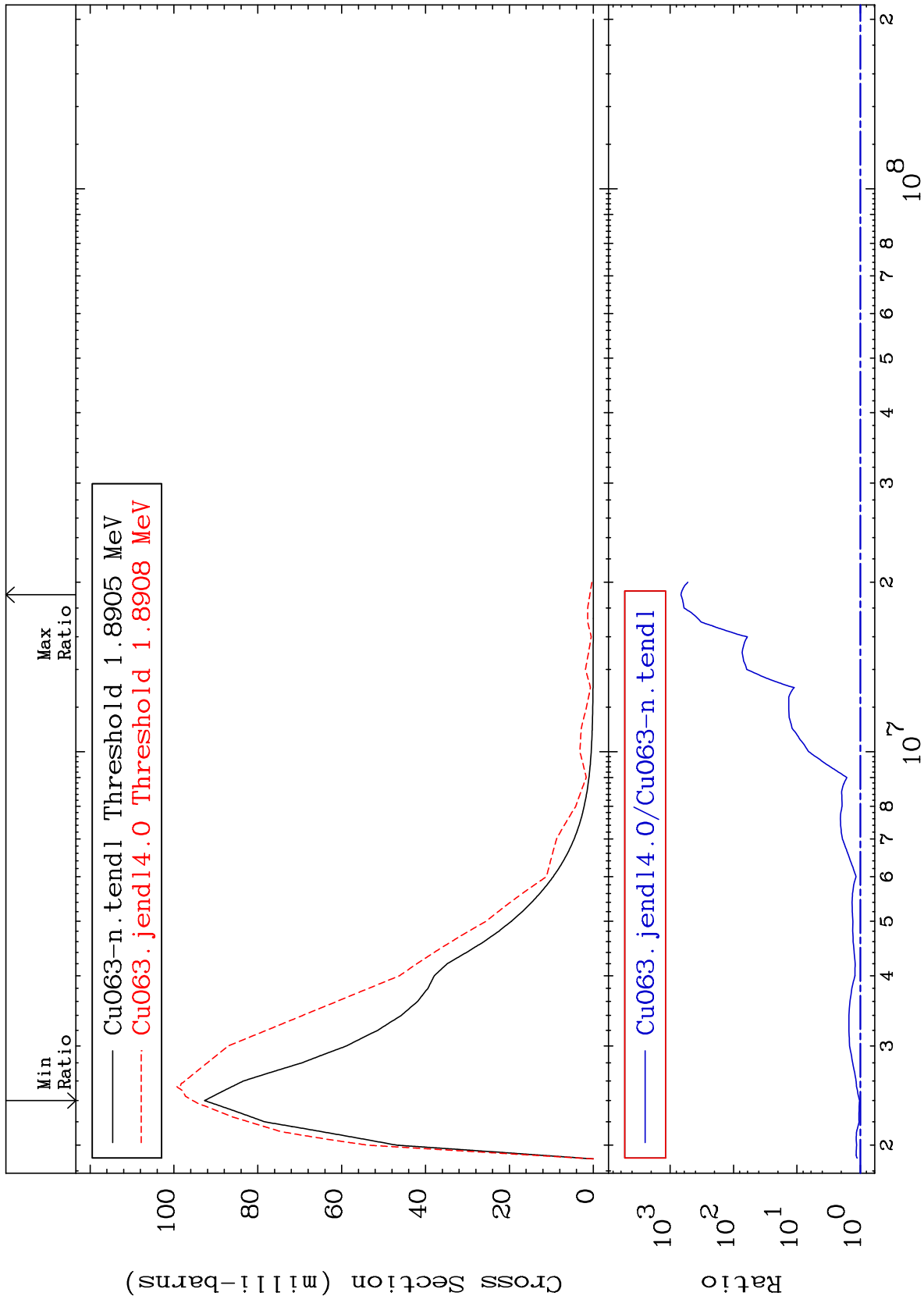
MAT 2925

1.547 MeV (n,n') Level
Cross Section

29-Cu-63
-97.88 To 28.11 %



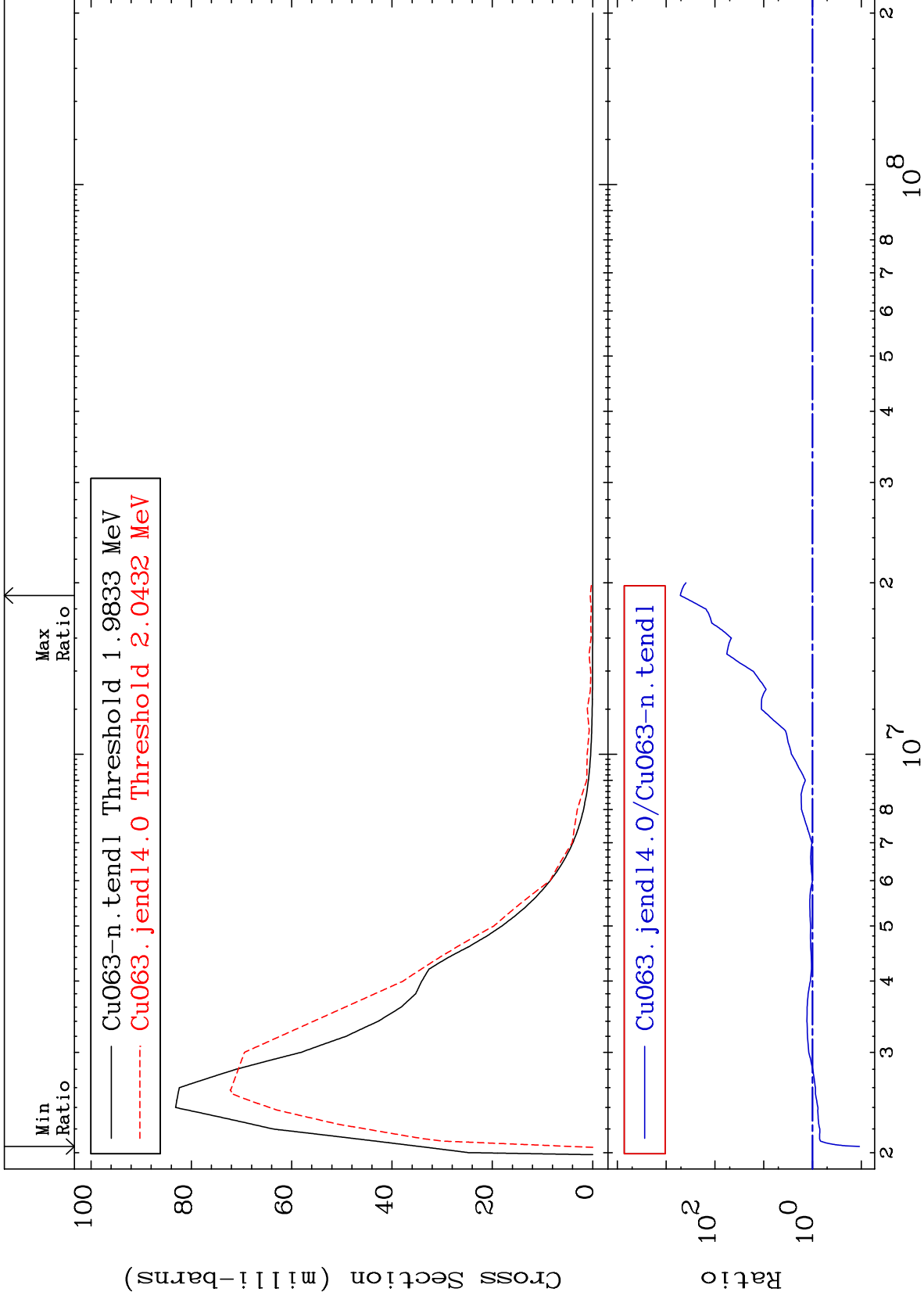
MAT 2925 1.861 MeV (n,n') Level 29-Cu-63
 Cross Section 2.956 To 9999. %



MAT 2925

1.952 MeV (n,n') Level
Cross Section

29-Cu-63
-89.07 To 9999. %



14

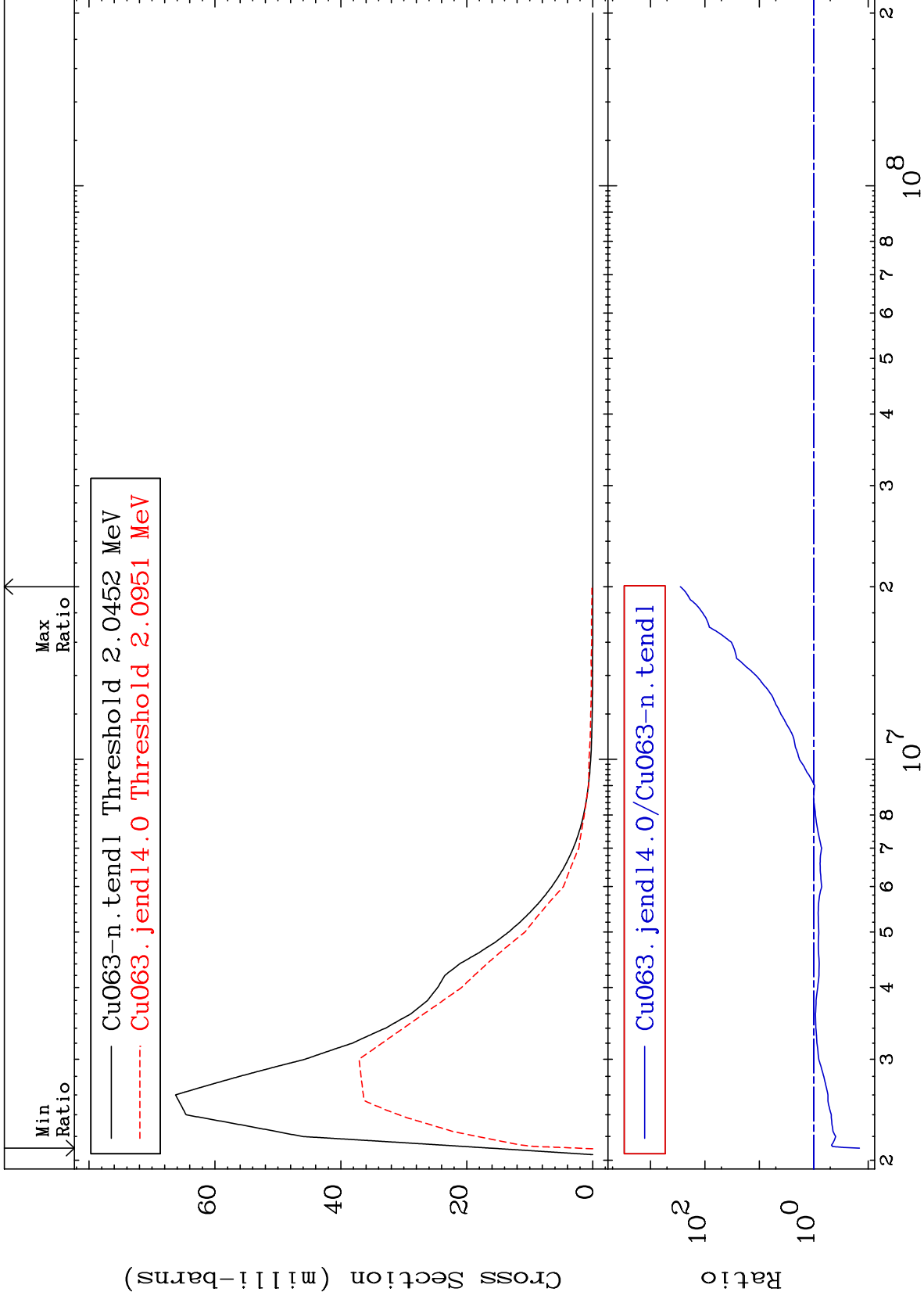
Incident Energy (eV)

29-Cu-63

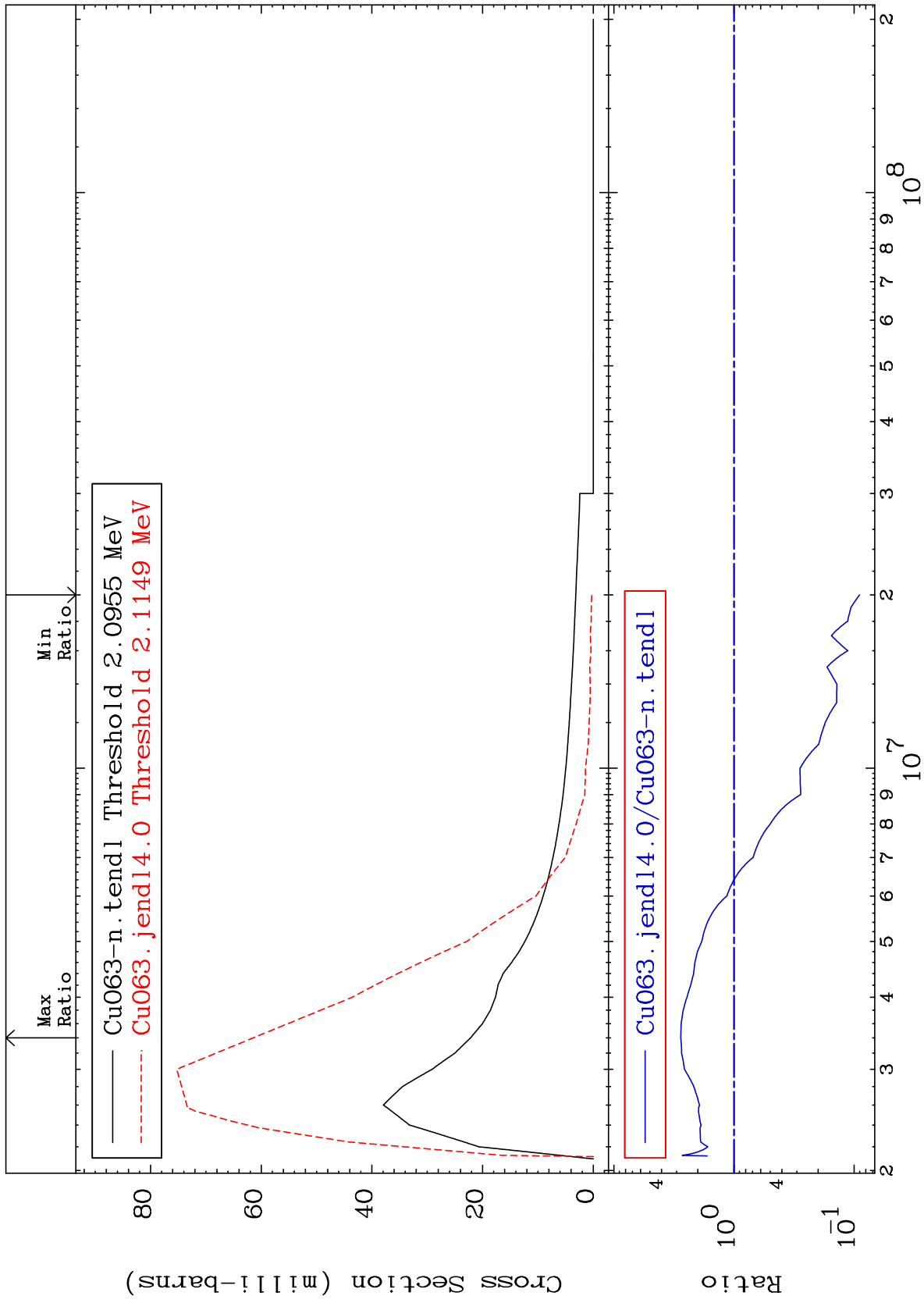
MAT 2925

2.013 MeV (n,n') Level
Cross Section

29-Cu-63
-85.52 To 9999. %



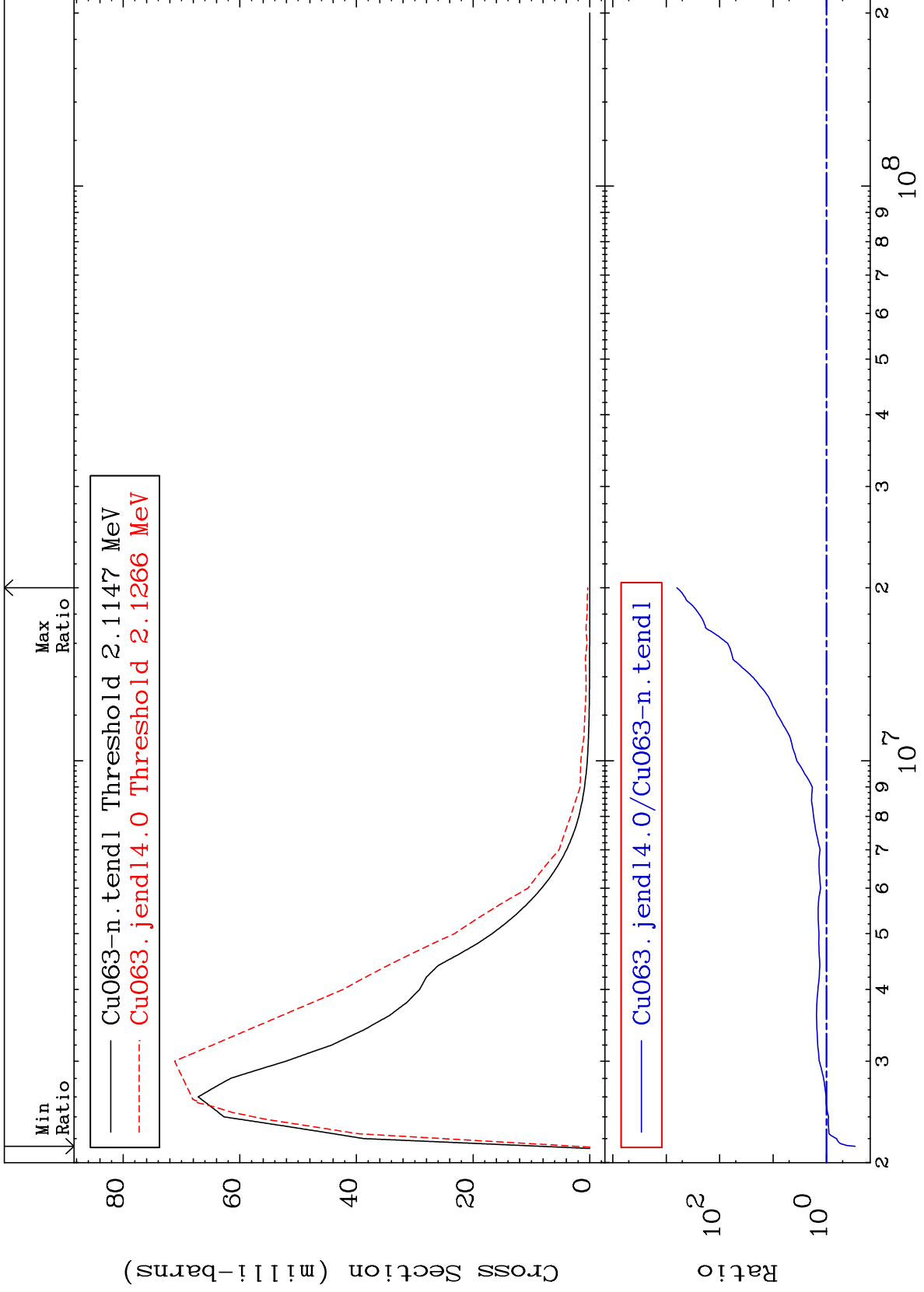
MAT 2925 2.062 MeV (n,n') Level 29-Cu-63
 Cross Section -90.97 To 177.3 %



MAT 2925

2.081 MeV (n,n') Level
Cross Section

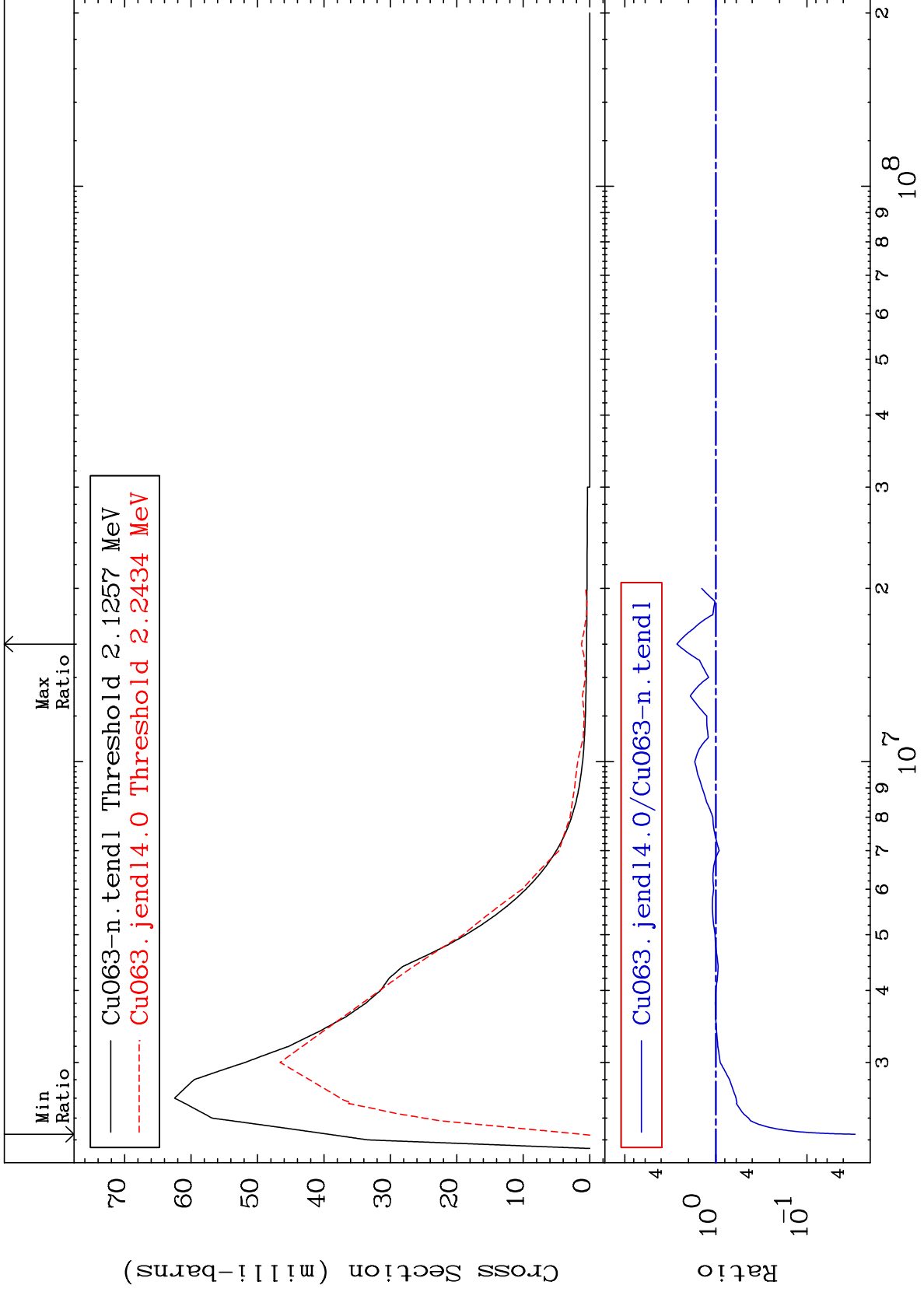
29-Cu-63
-70.78 To 9999. %



MAT 2925

2.092 MeV (n,n') Level
Cross Section

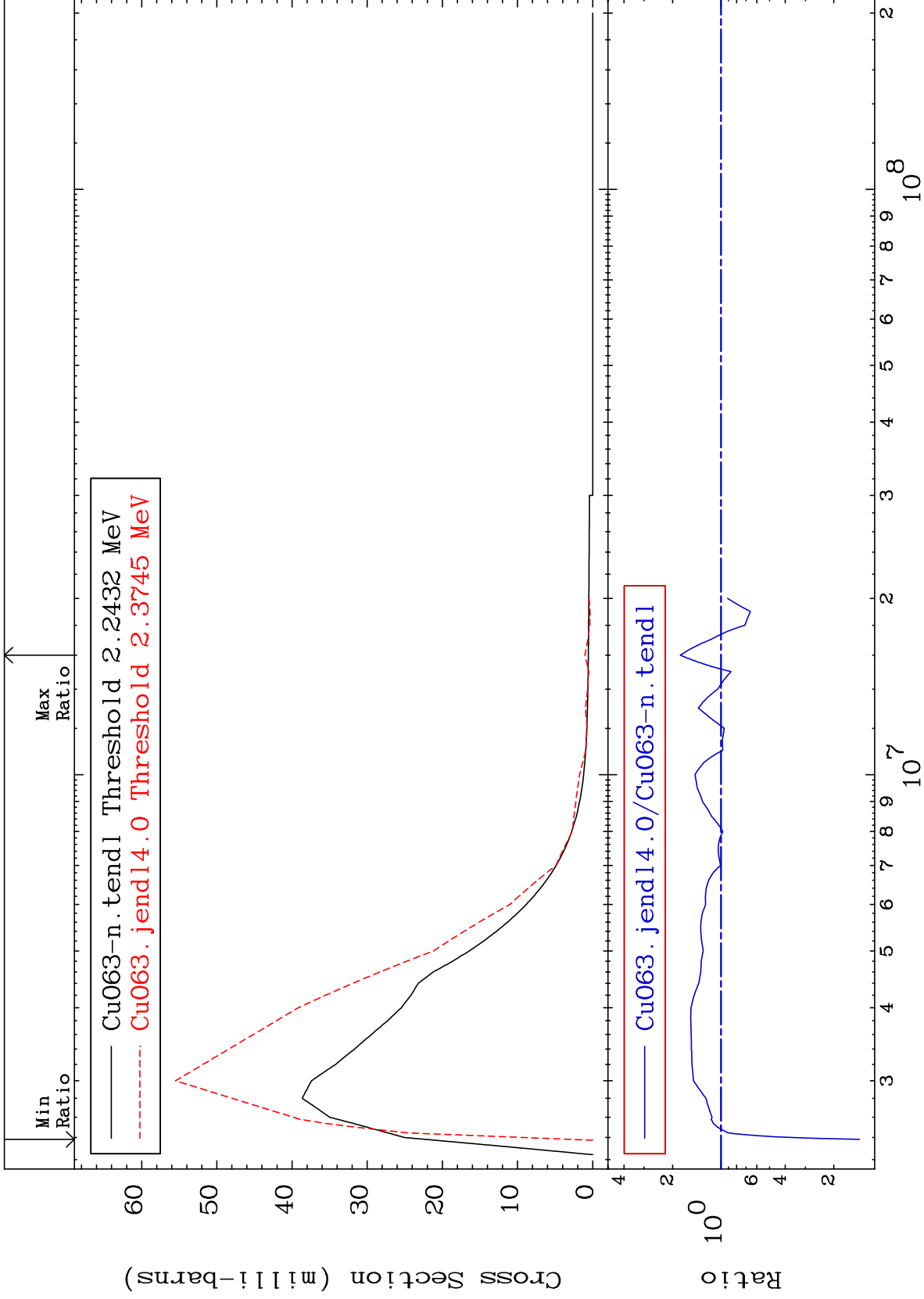
29-Cu-63
-97.04 To 168.1 %



MAT 2925

2.208 MeV (n,n') Level
Cross Section

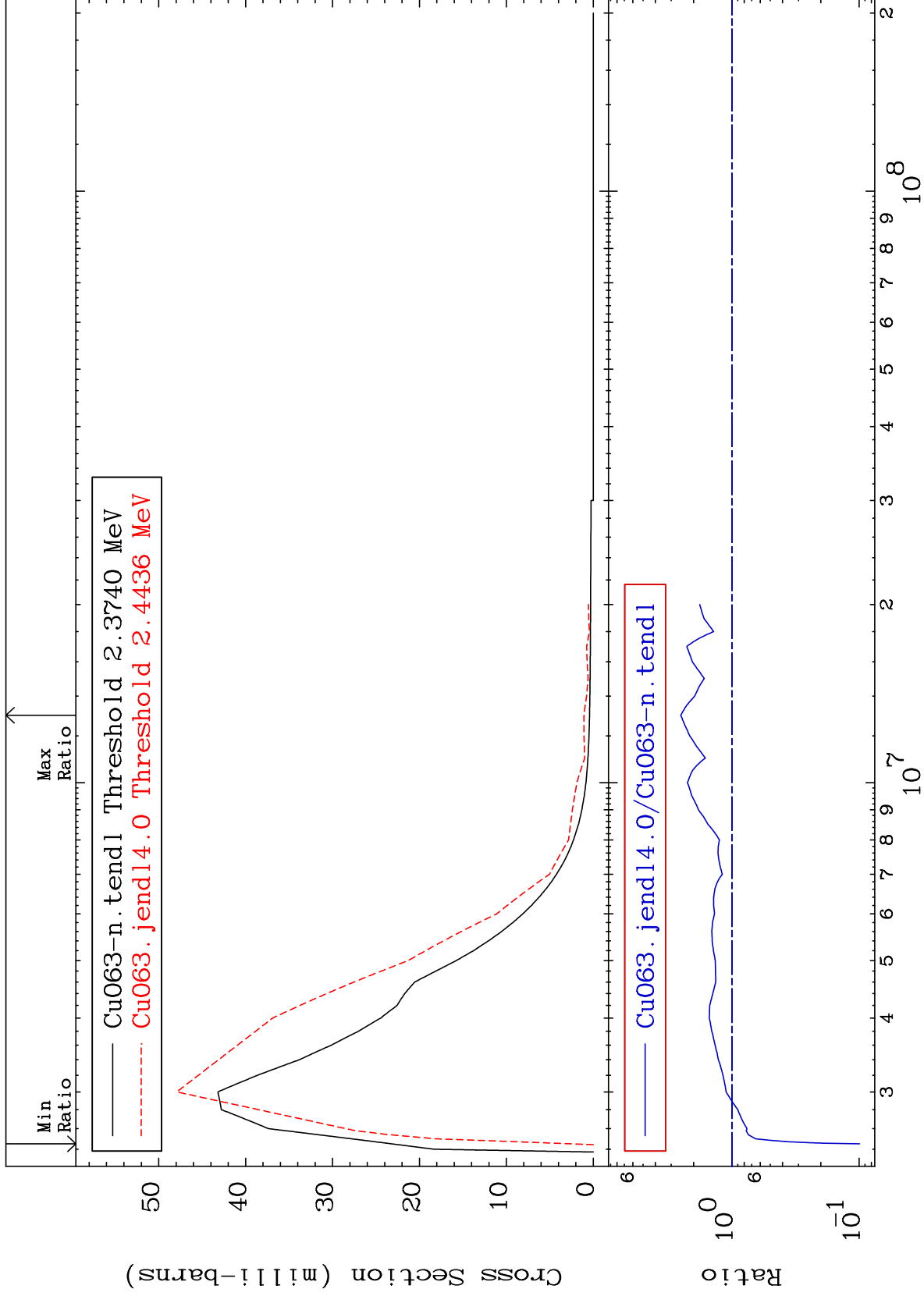
29-Cu-63
-86.13 To 78.83 %



MAT 2925

2.337 MeV (n,n') Level
Cross Section

29-Cu-63
-90.07 To 152.4 %



20

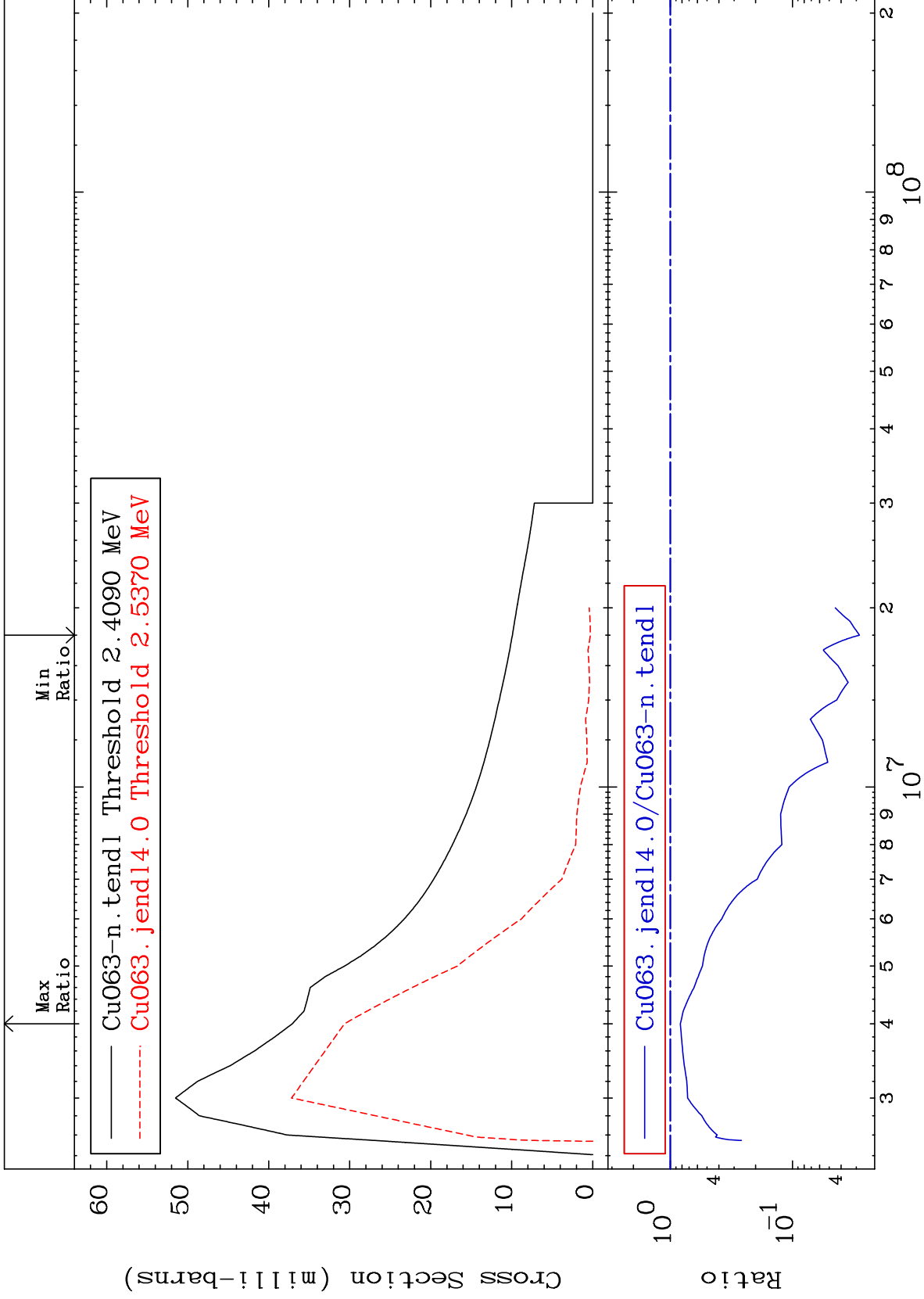
Incident Energy (eV)

29-Cu-63

MAT 2925

2.371 MeV (n,n') Level
Cross Section

29-Cu-63
-97.17 To -17.36%



21

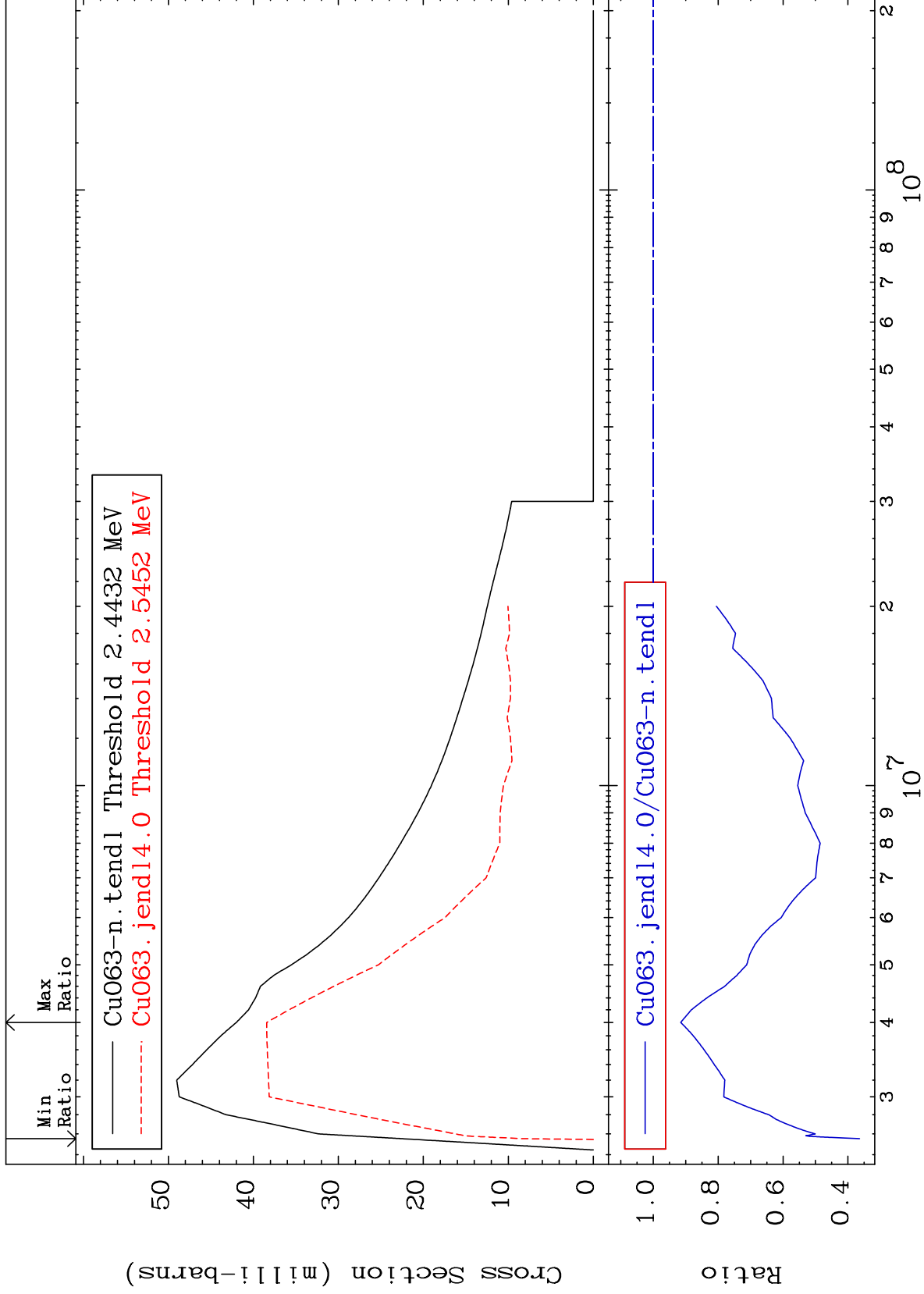
Incident Energy (eV)

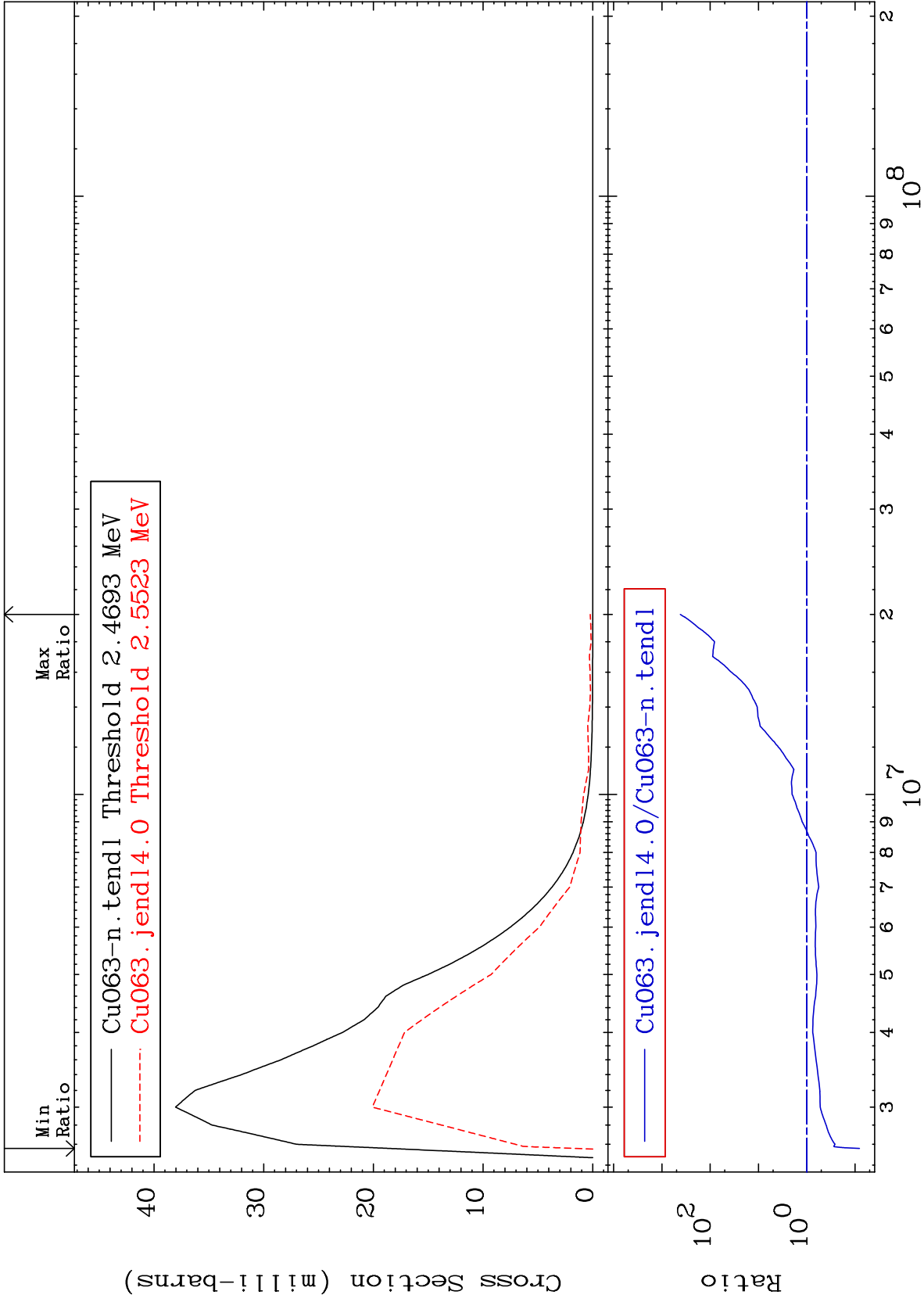
29-Cu-63

MAT 2925

2.405 MeV (n,n') Level
Cross Section

29-Cu-63
-63.57 To -8.489%

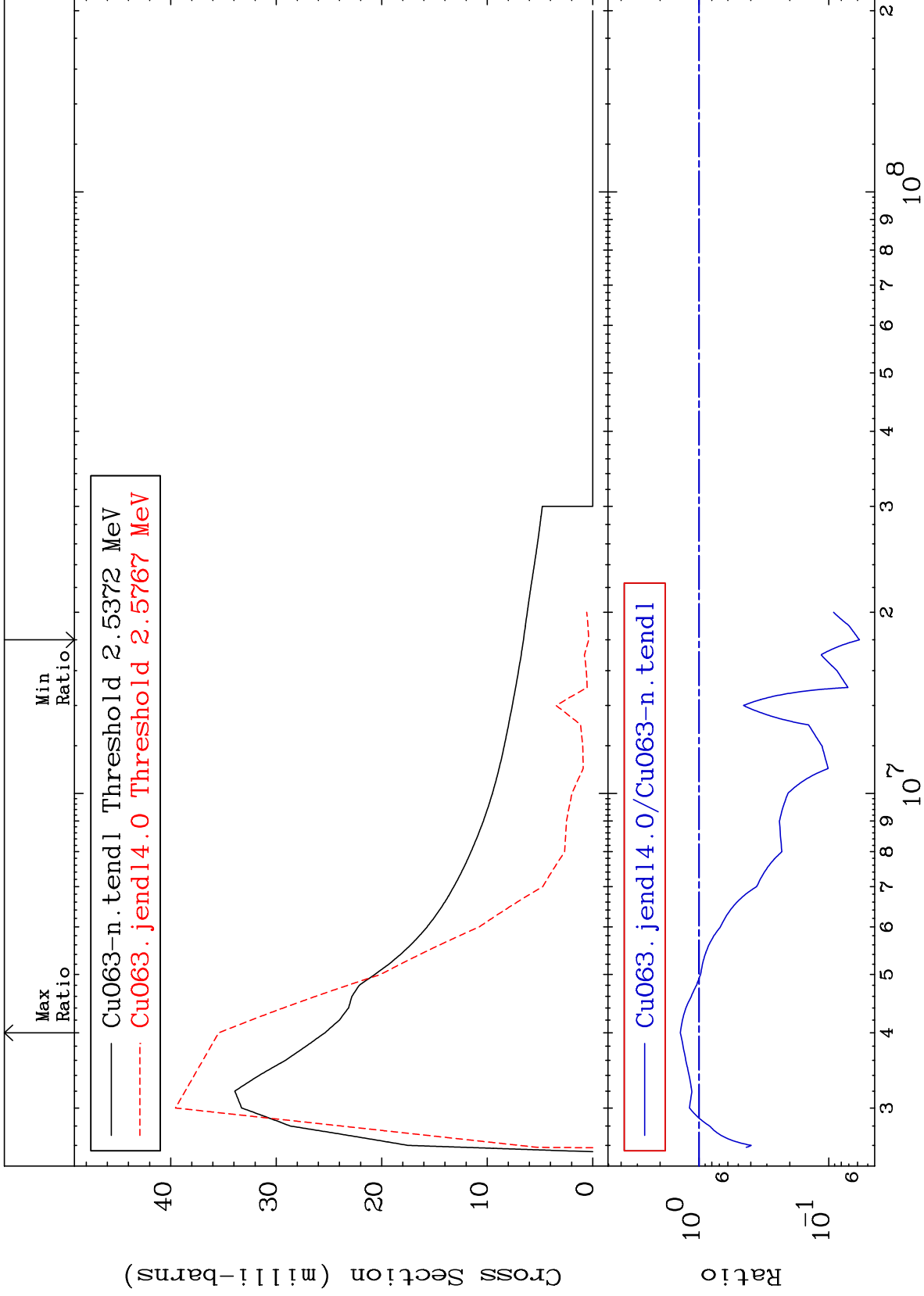




MAT 2925

2.497 MeV (n,n') Level
Cross Section

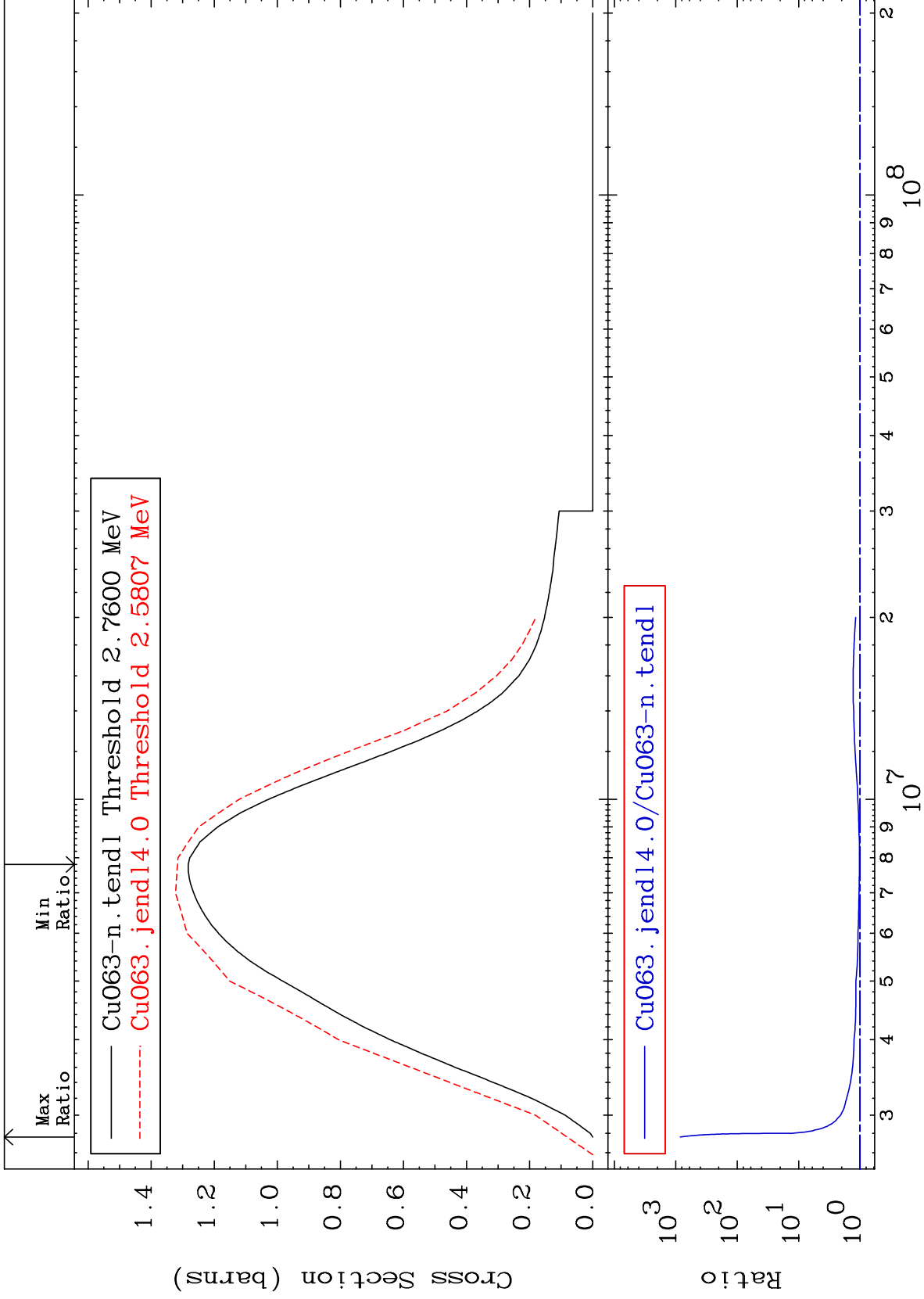
29-Cu-63
-94.20 To 39.69 %



24

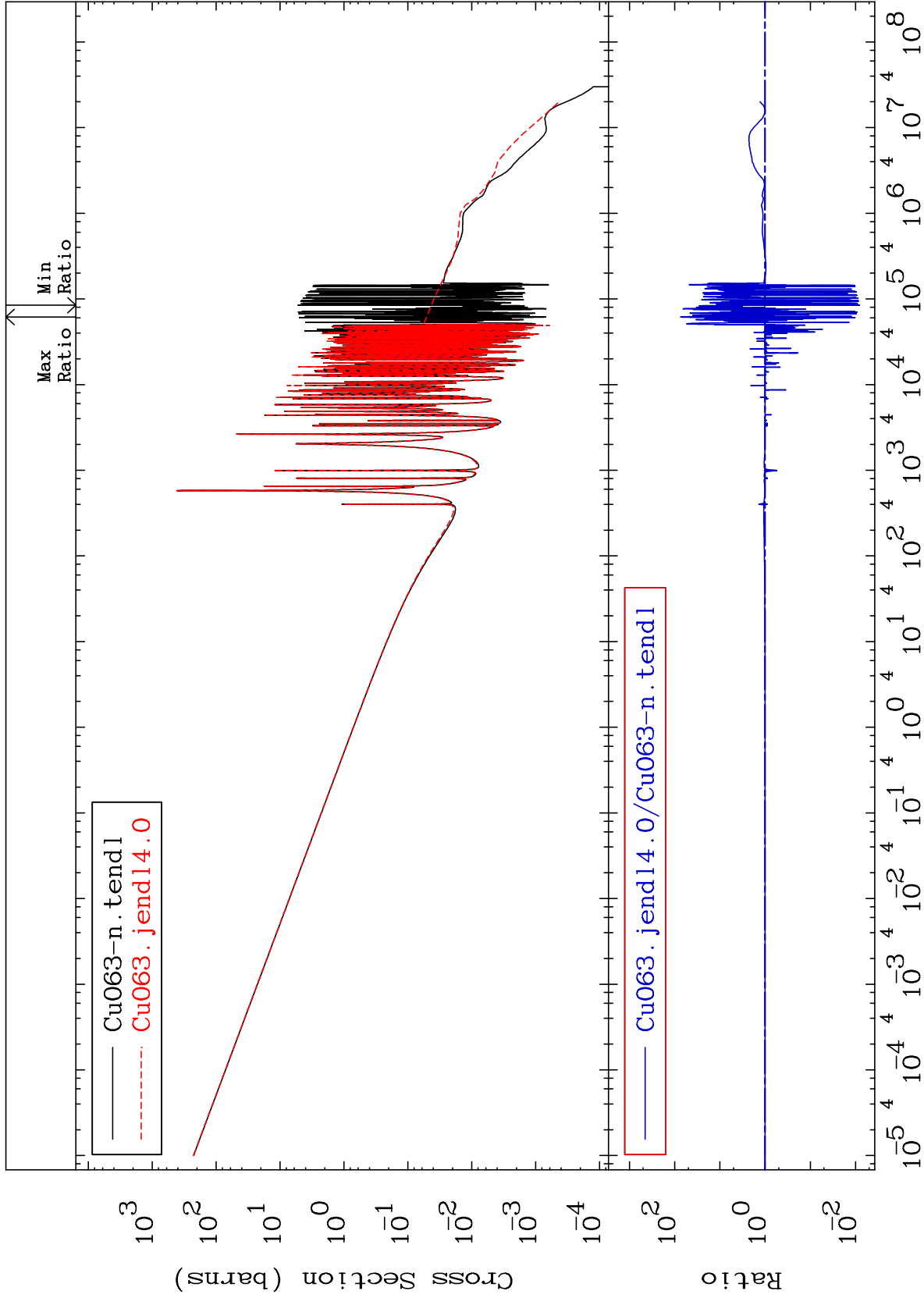
Incident Energy (eV)

29-Cu-63



Cross Section

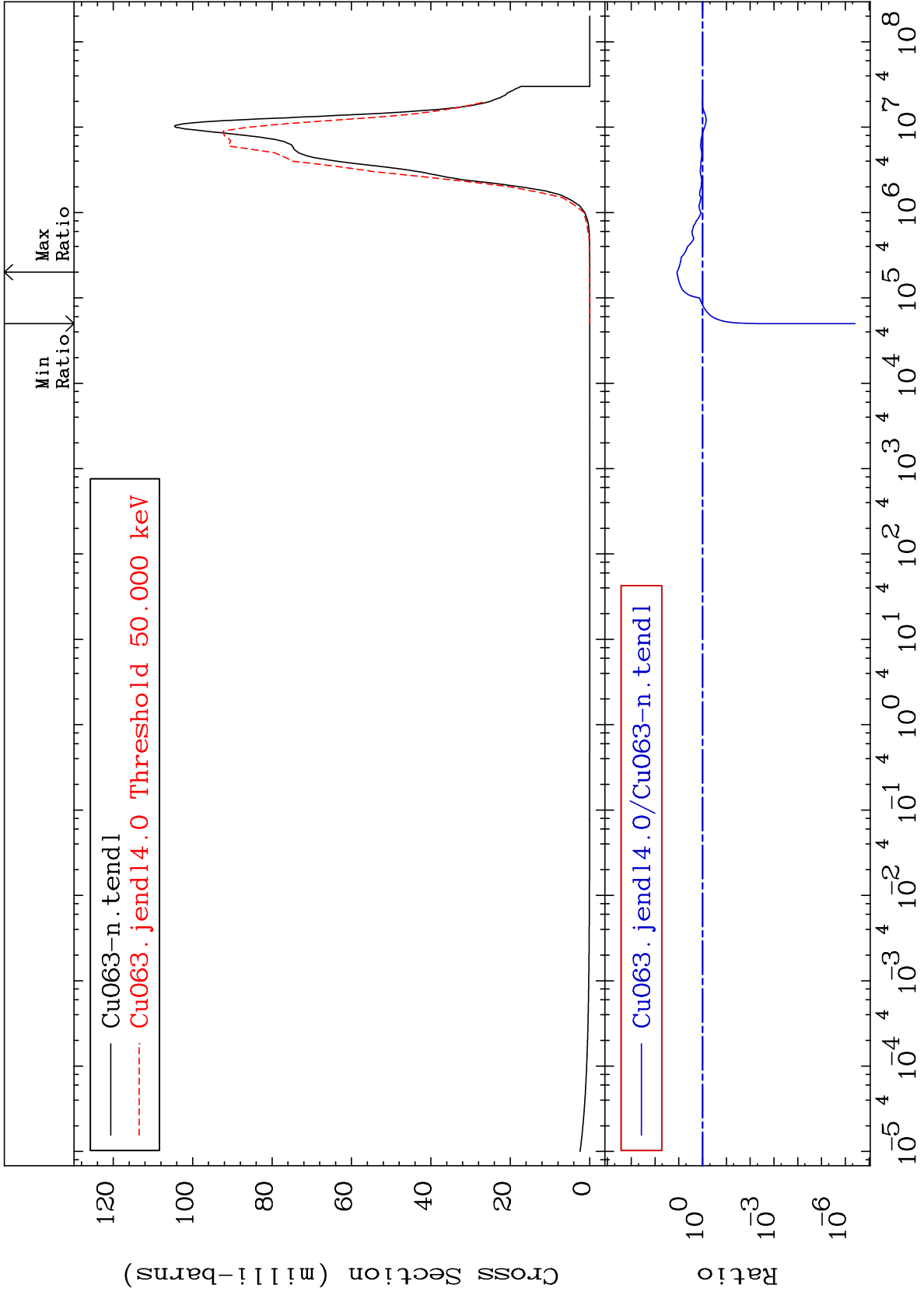
-99.18 To 7247. %



MAT 2925

(n,p)
Cross Section

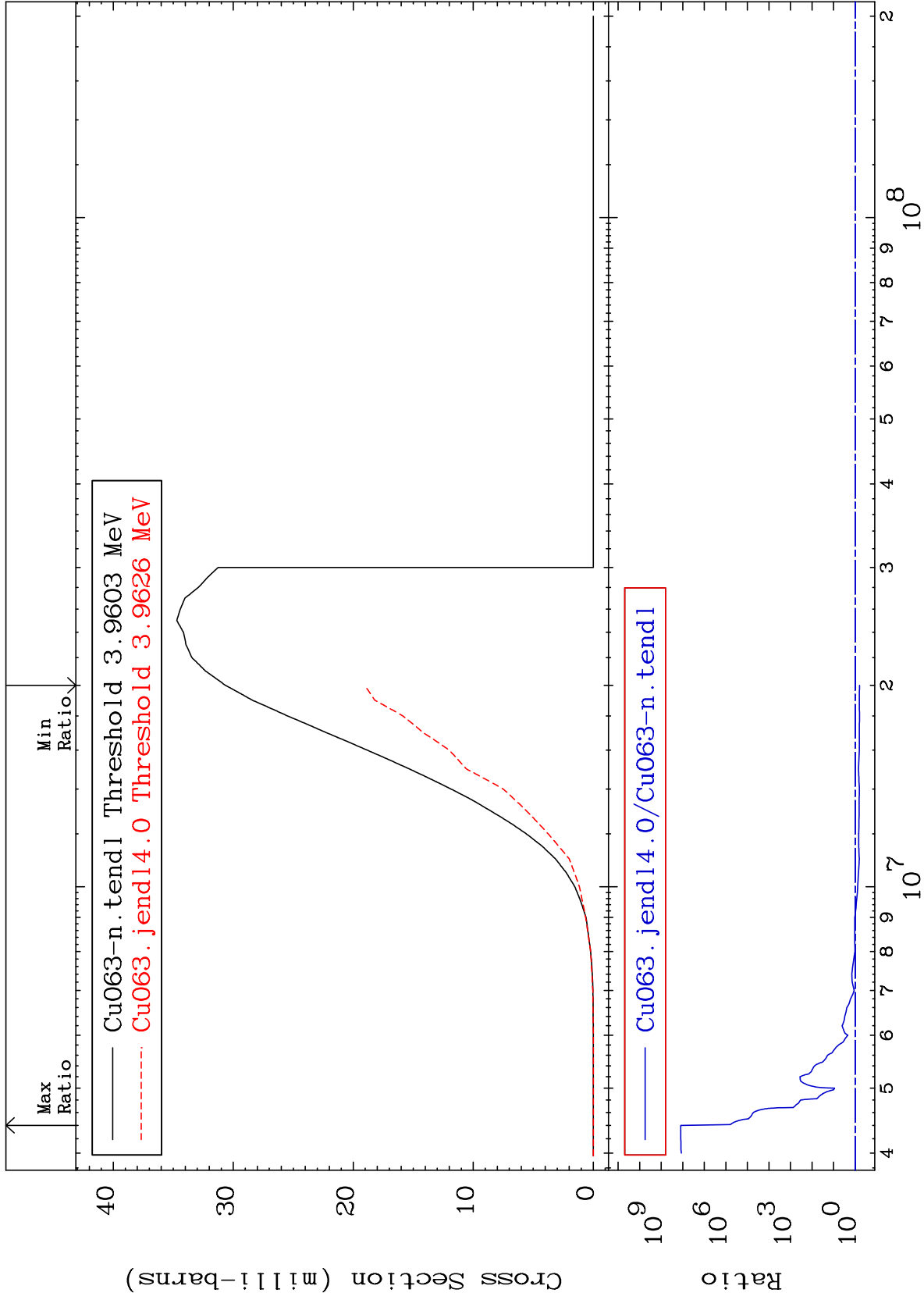
29-Cu-63
-100.0 To 1102. %



27

Incident Energy (eV)

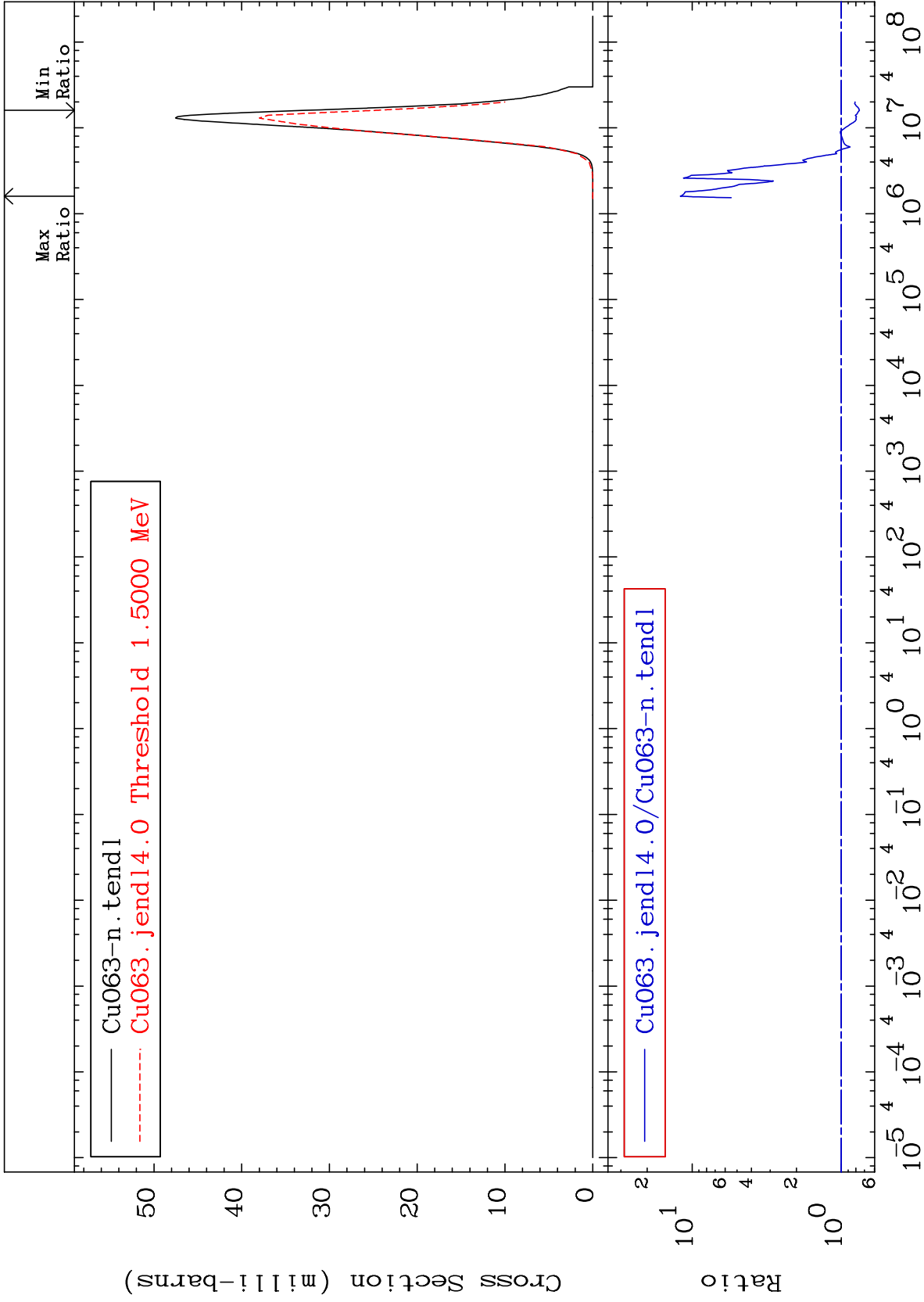
29-Cu-63

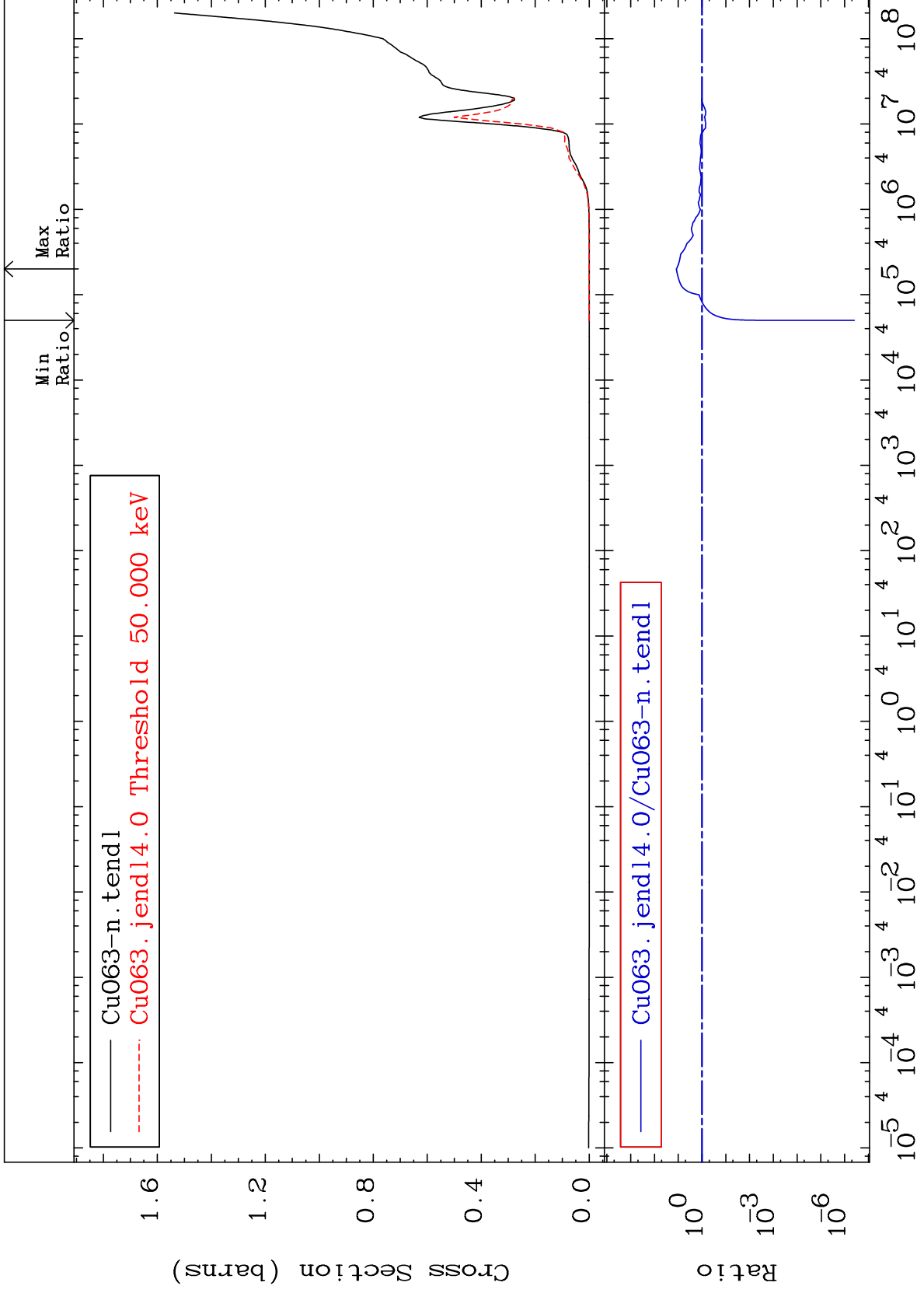


MAT 2925

(n, α)
Cross Section

29-Cu-63
-24.36 To 1099. %

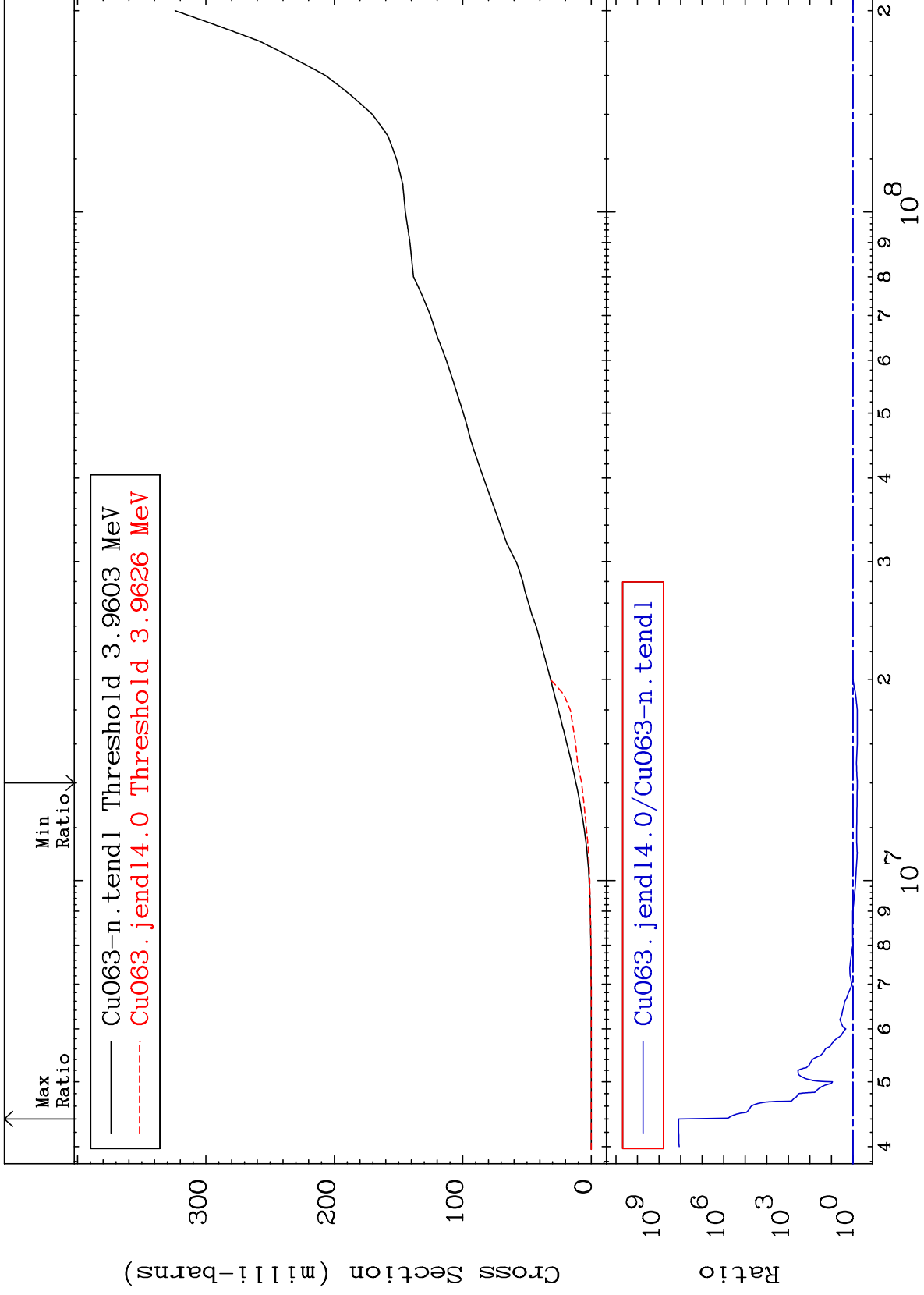


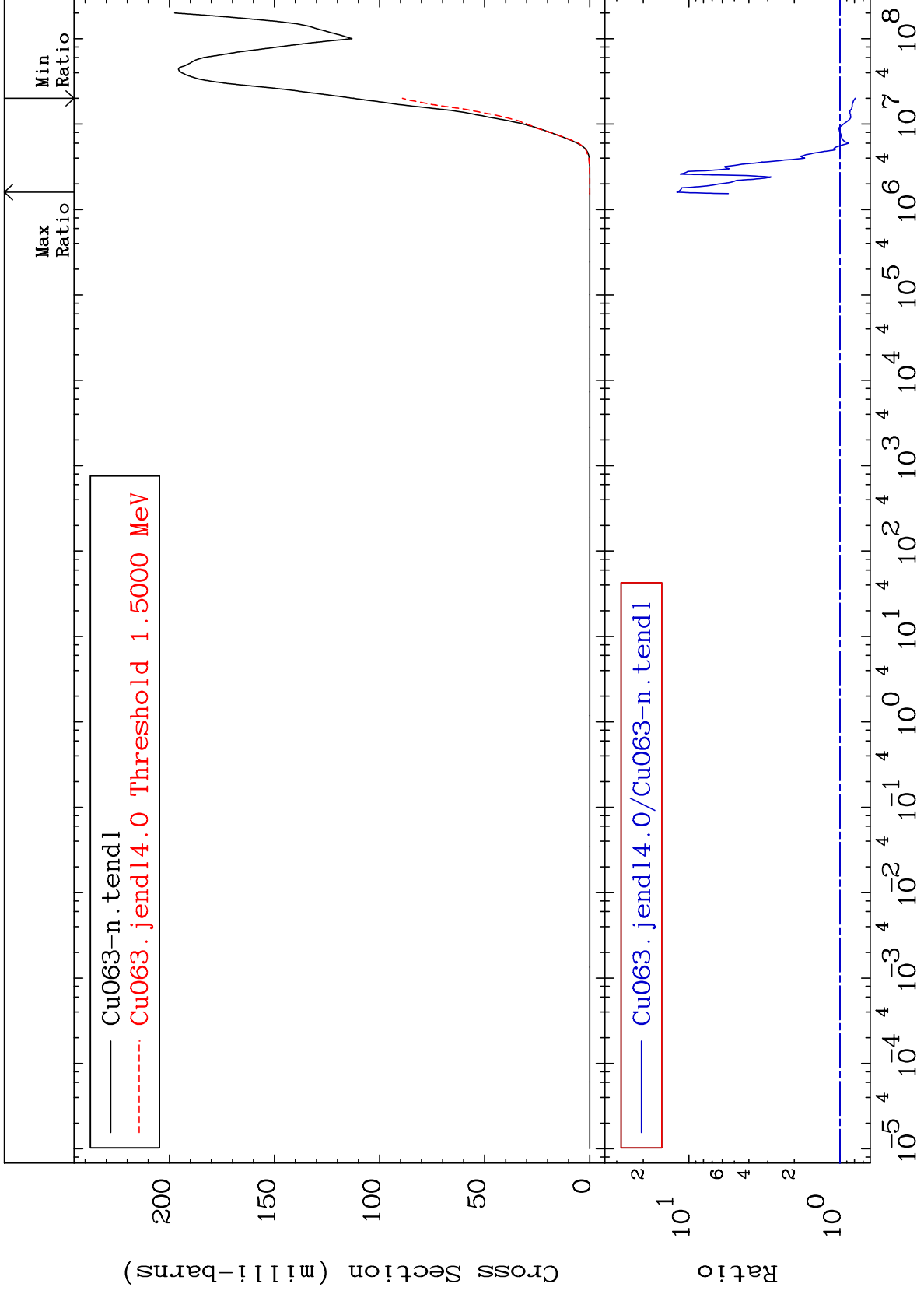


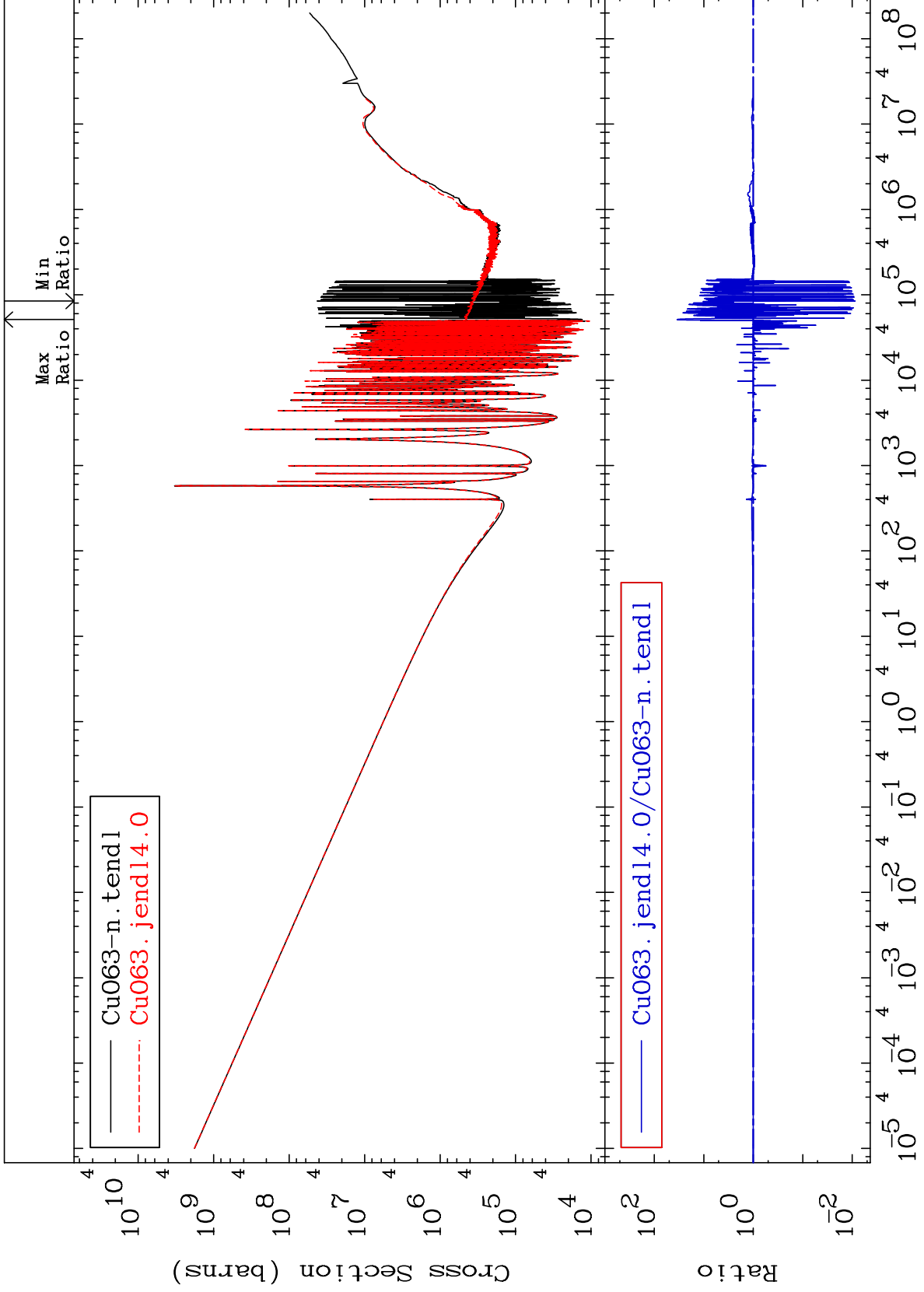
MAT 2925

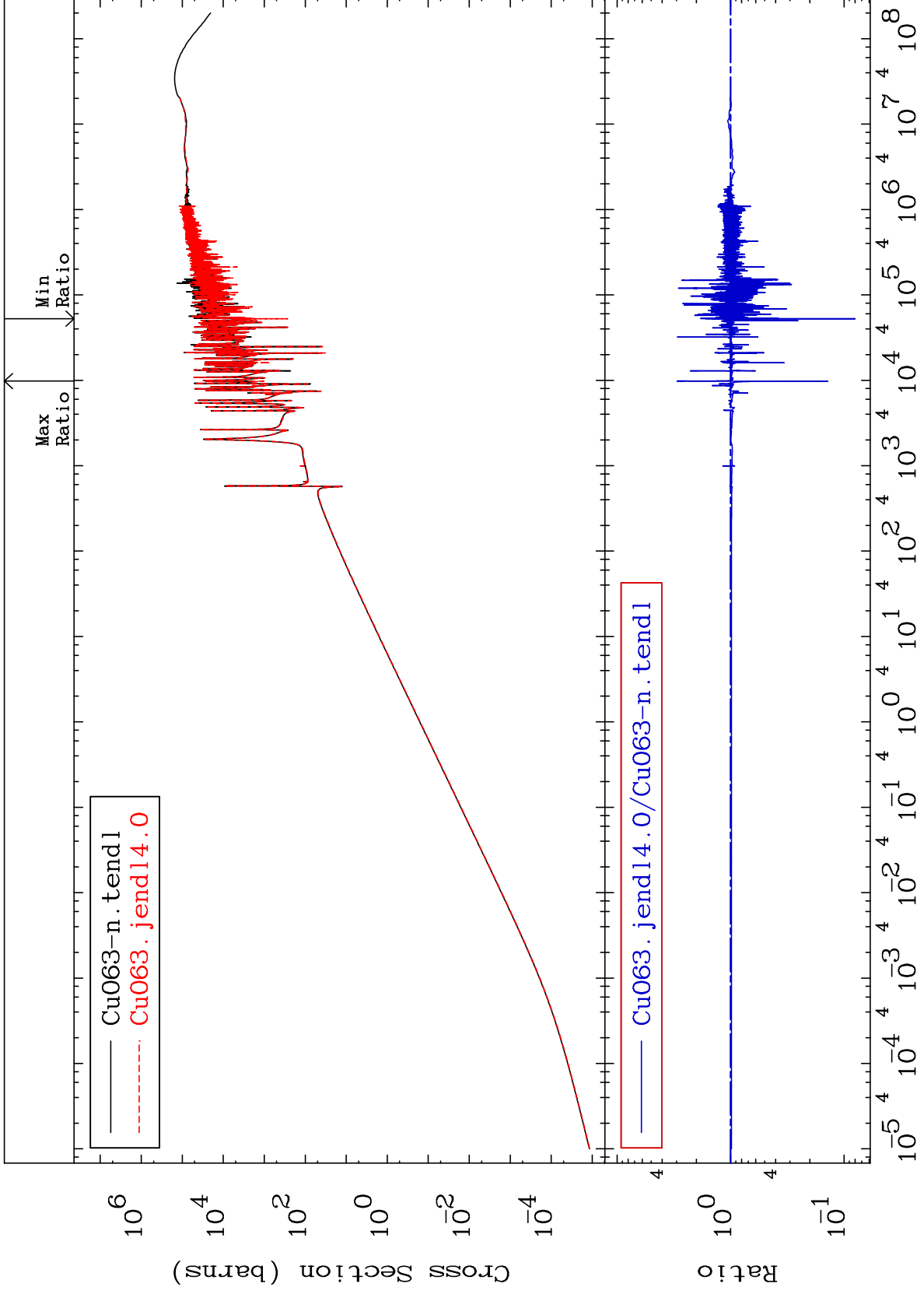
Deuterium Production
Cross Section

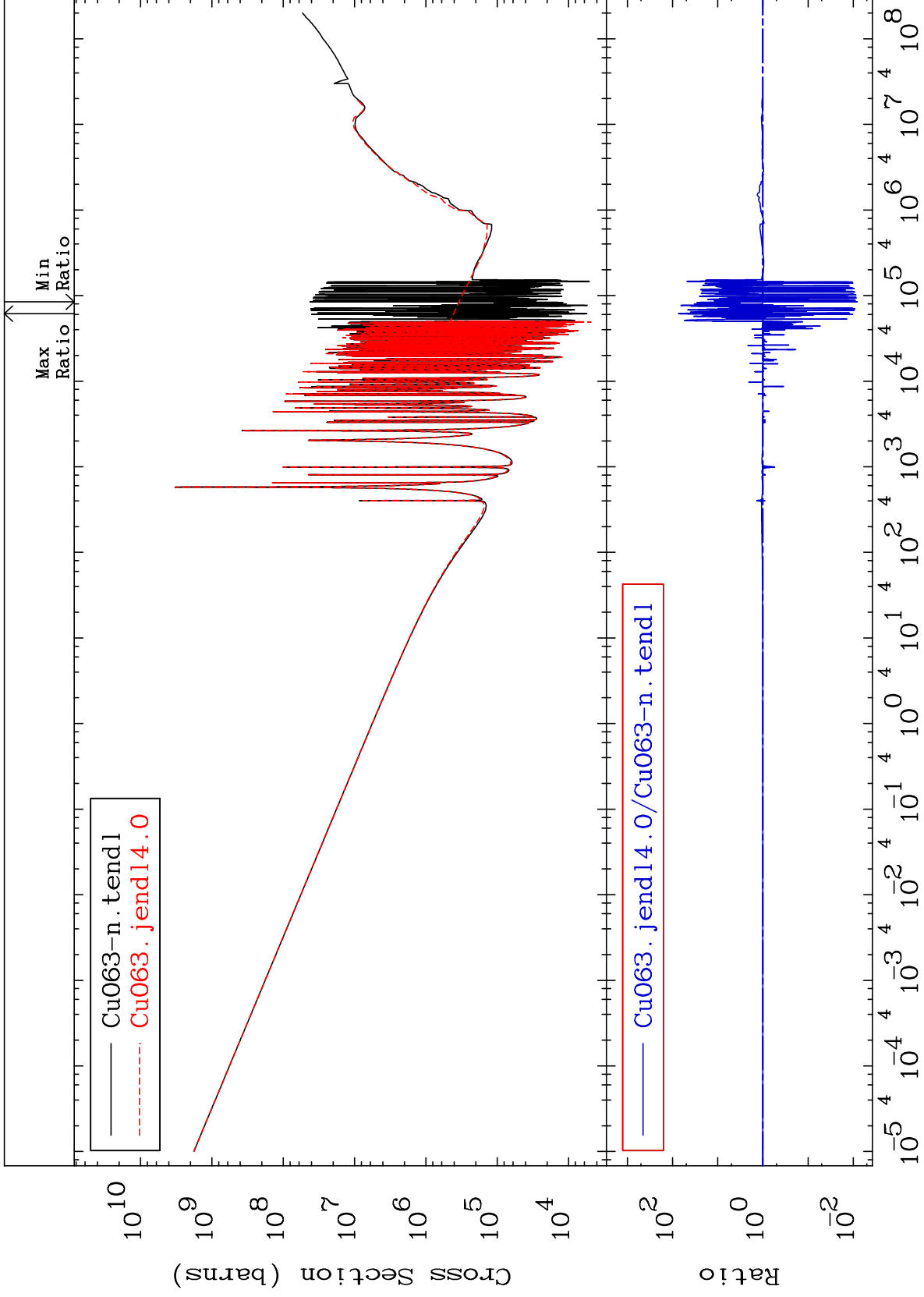
²⁹Cu-63
-36.73 To 9999. %

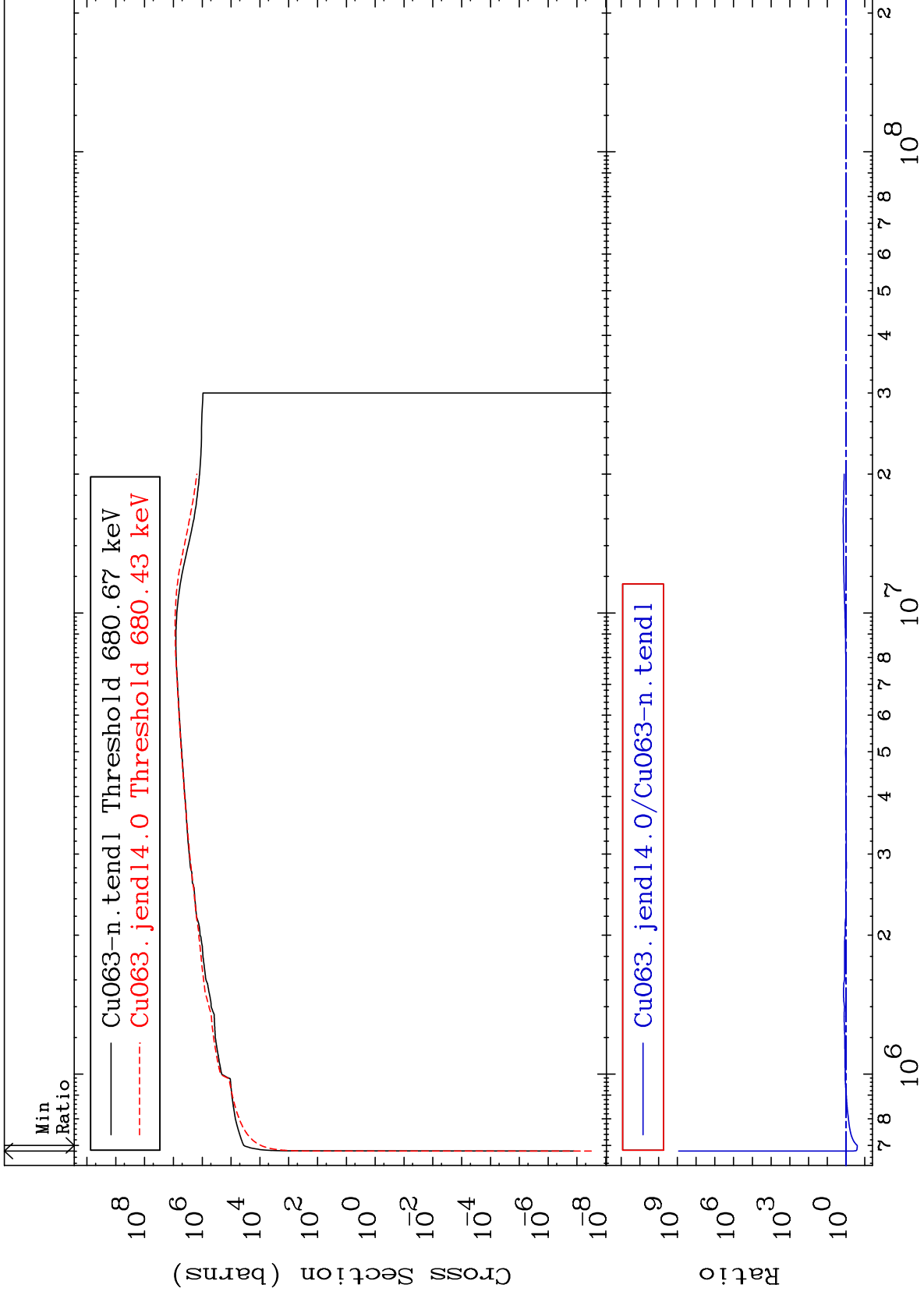








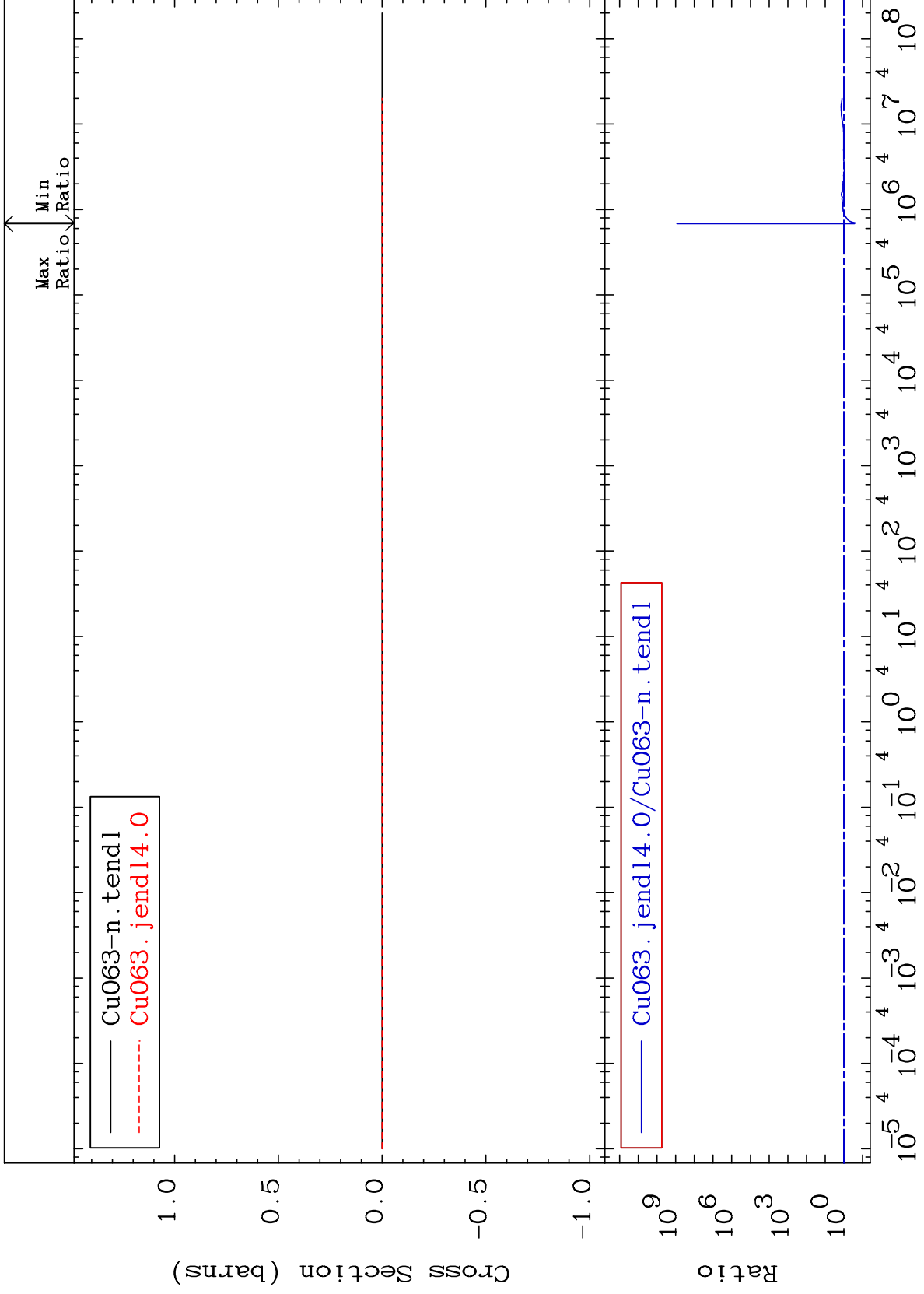




MAT 2925

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

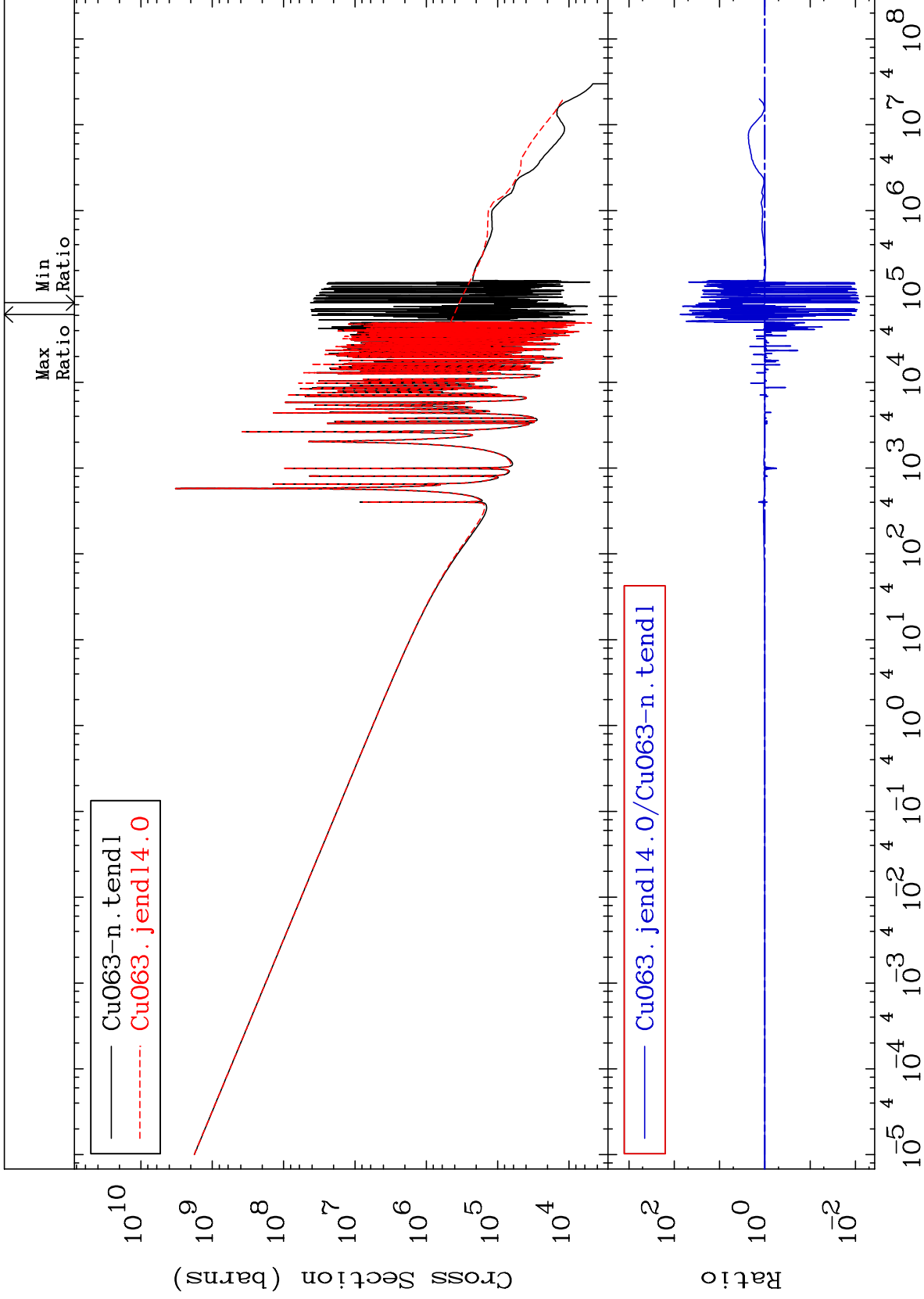
29-Cu-63
-75.03 To 9999. %

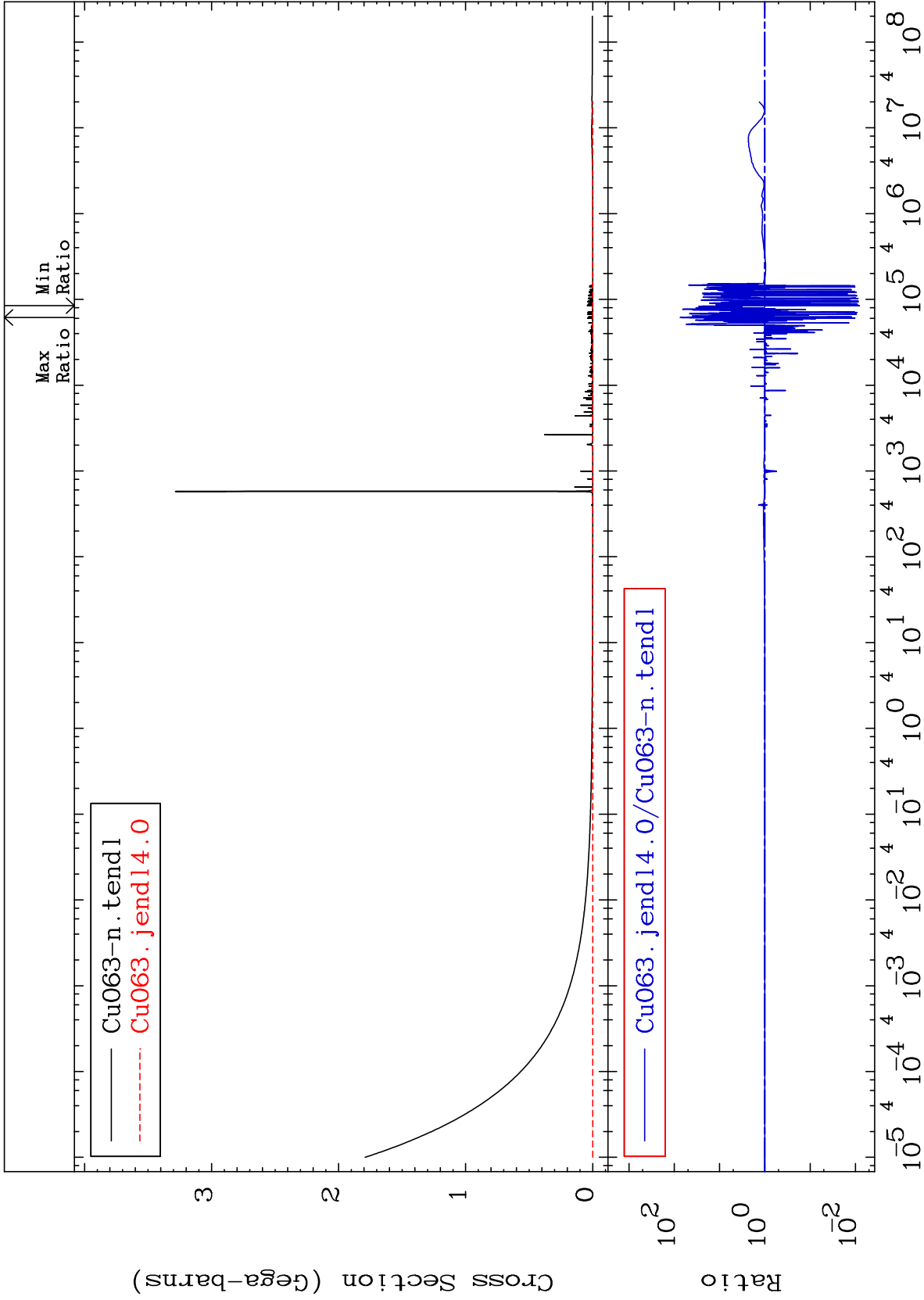


37

Incident Energy (eV)

29-Cu-63





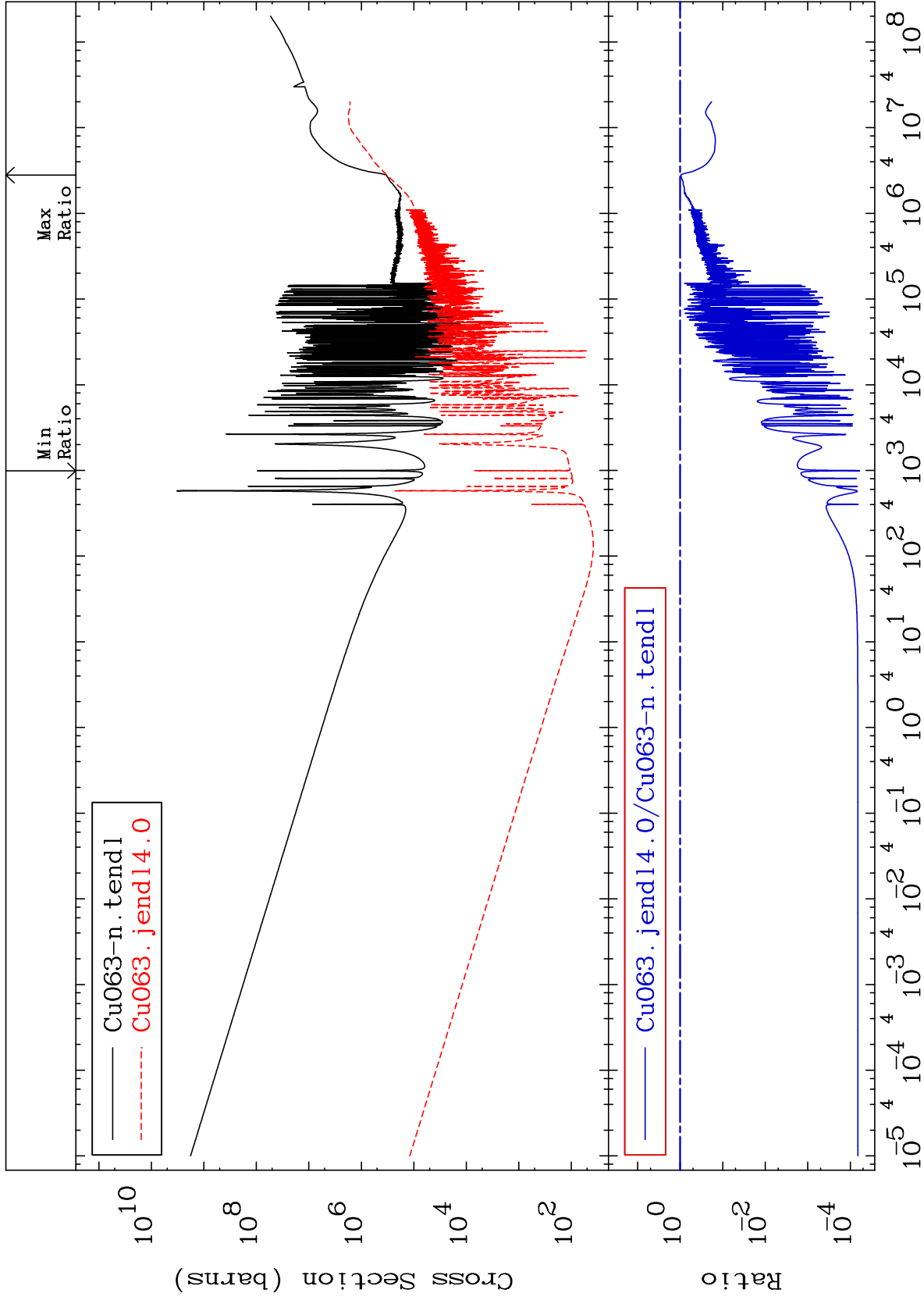
MAT 2925

Total kinematic kerma (high limit)

29-Cu-63

Cross Section

-99.99 To -3.200%



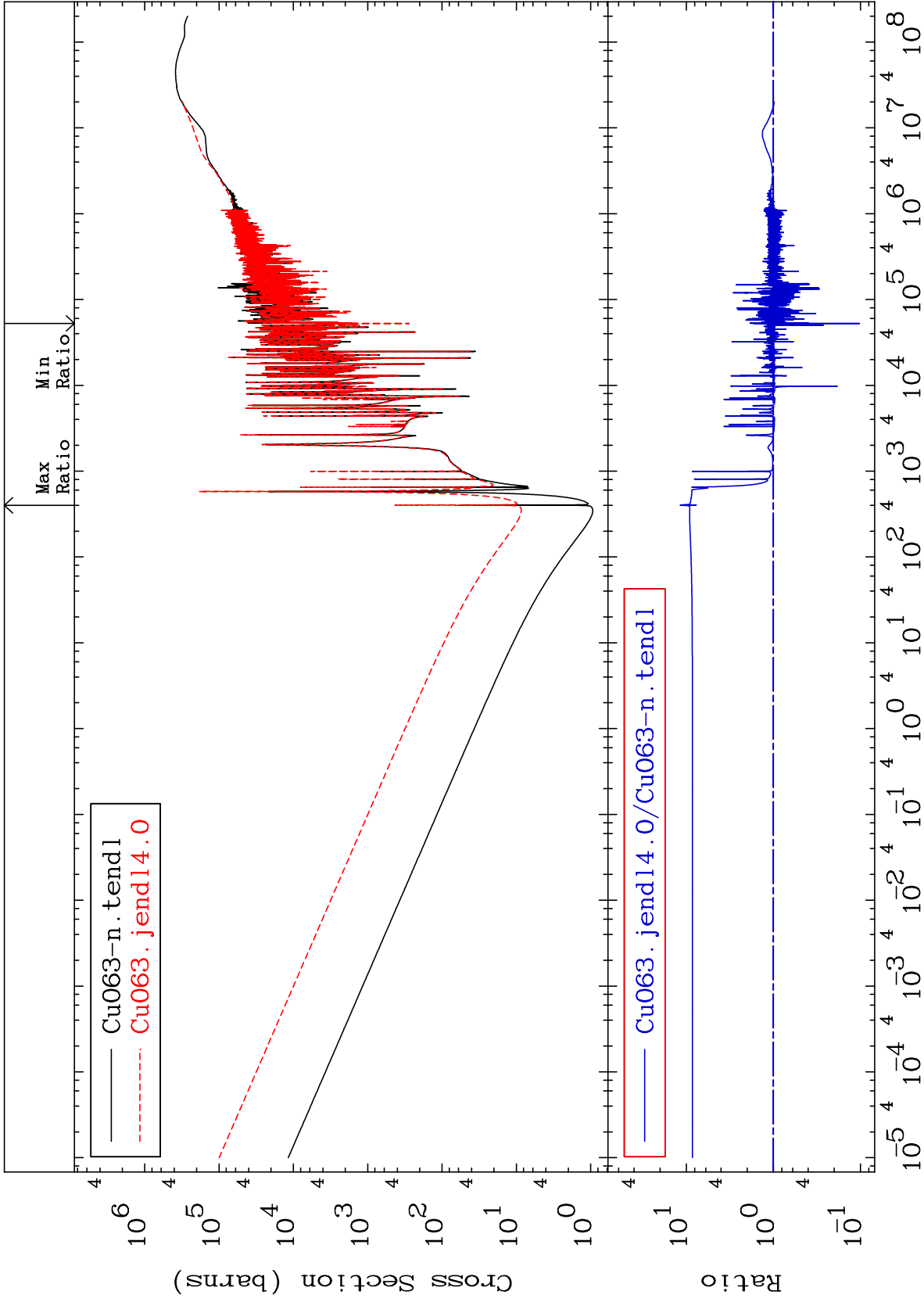
— Cu063-n.tendl
- - - Cu063.jendl4.0

— Cu063.jendl4.0/Cu063-n.tendl

40

Incident Energy (eV)

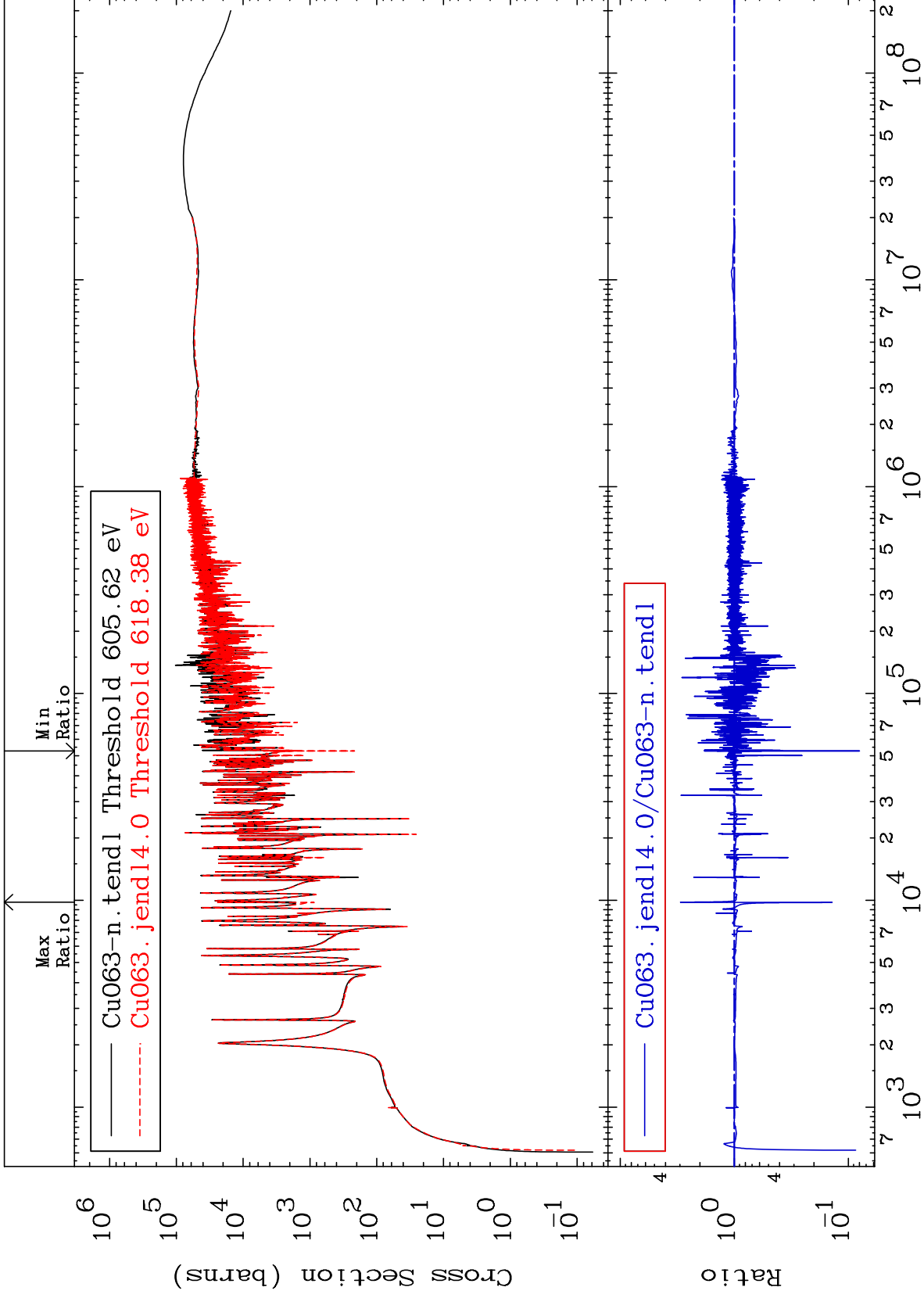
29-Cu-63



MAT 2925

Dpa elastic (mt2)
Cross Section

29-Cu-63
-92.00 To 196.8 %



42

29-Cu-63

