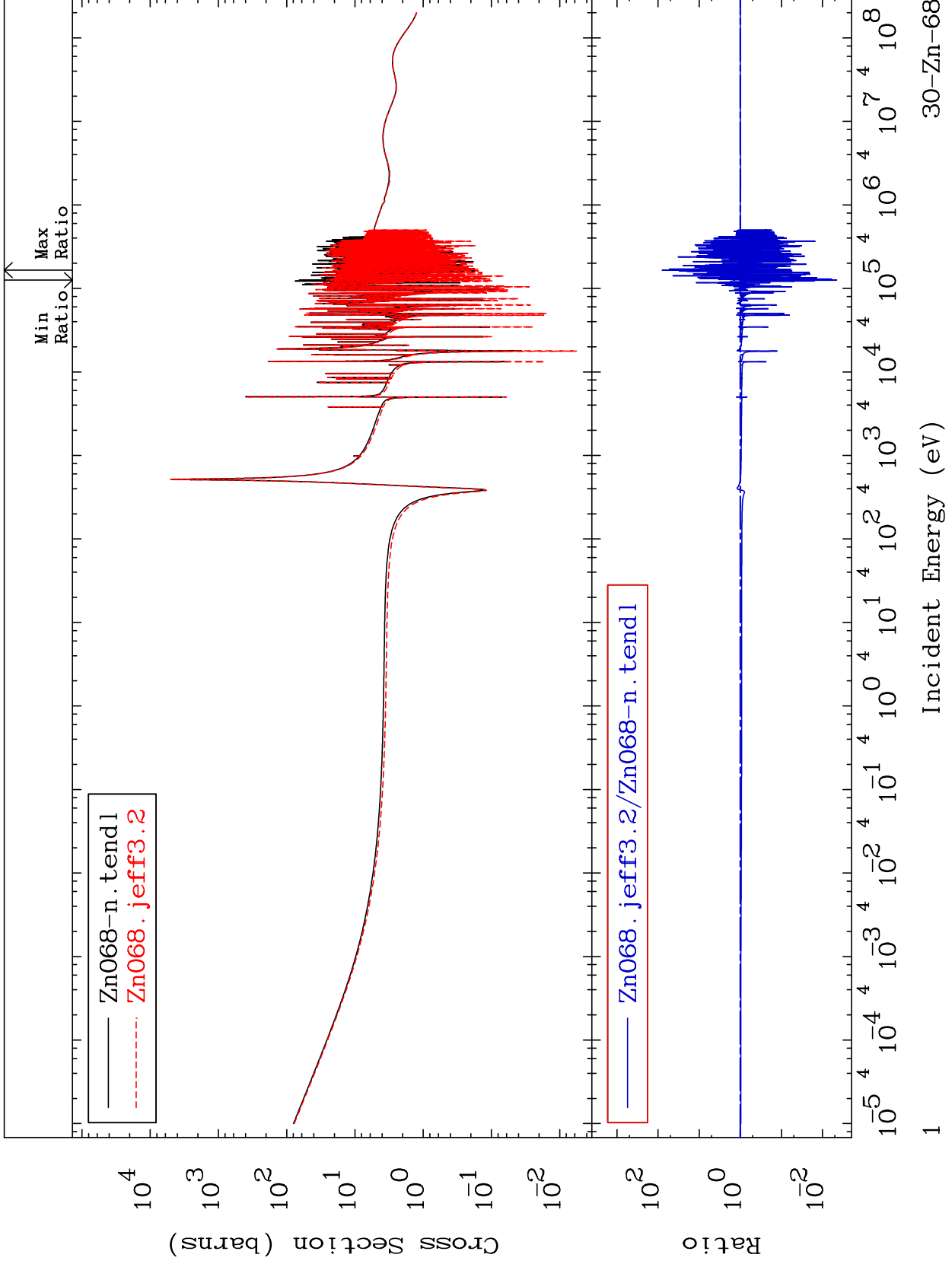


MAT 3037

Total
Cross Section

30-Zn-68
-99.55 To 7789. %

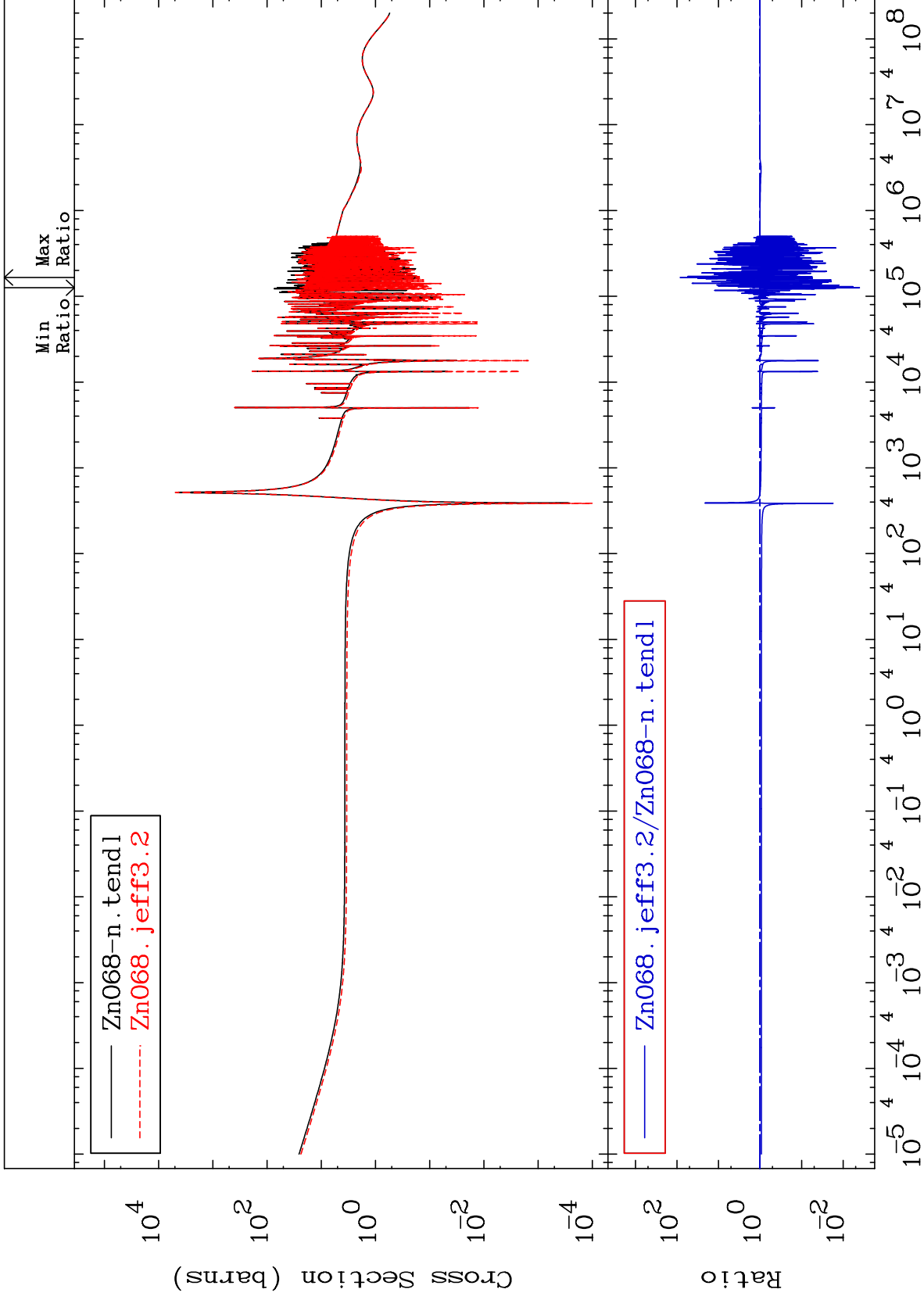


30-Zn-68

MAT 3037

Elastic
Cross Section

30-Zn-68
-99.59 To 8178. %



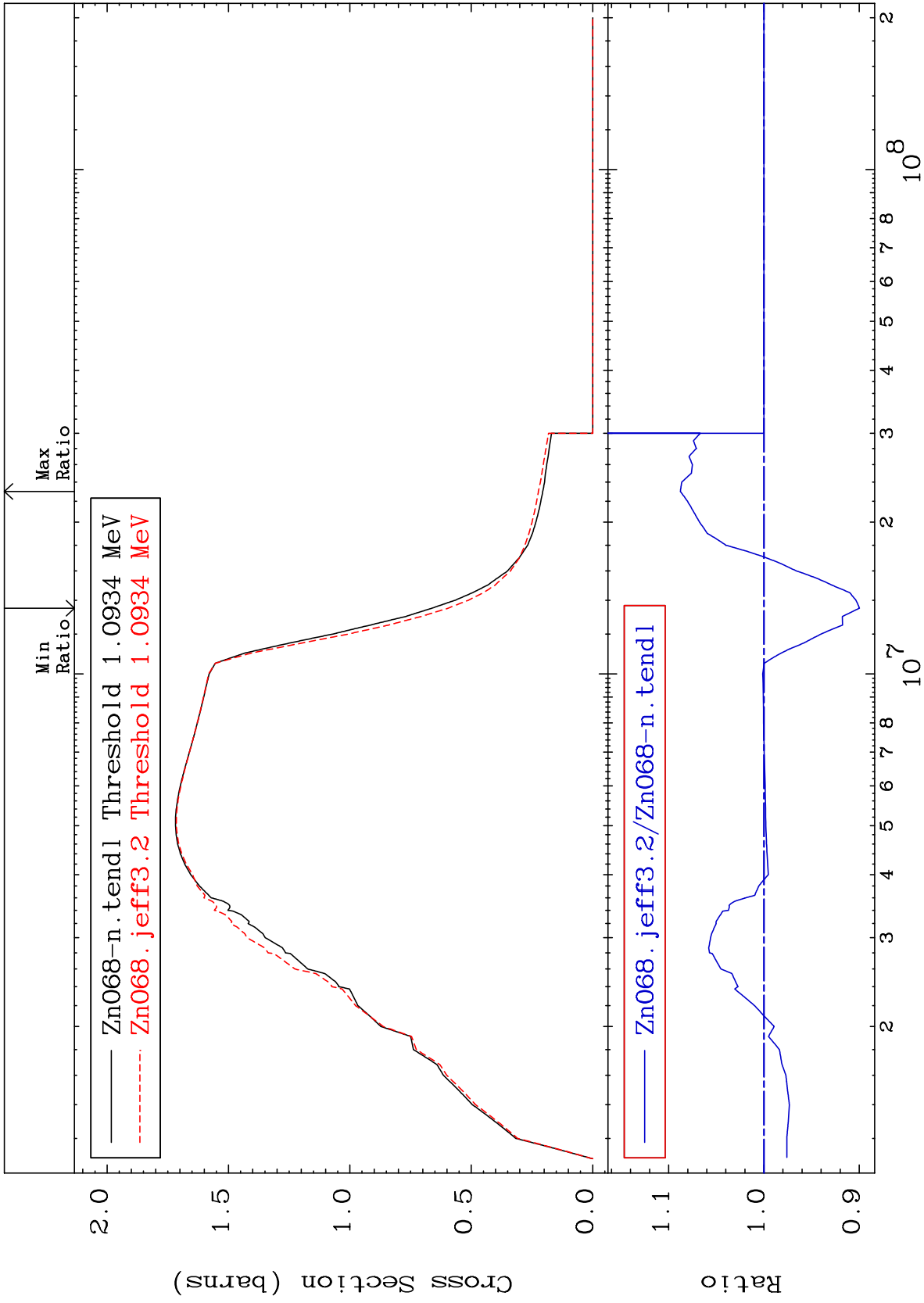
Incident Energy (eV)

30-Zn-68

2

MAT 3037

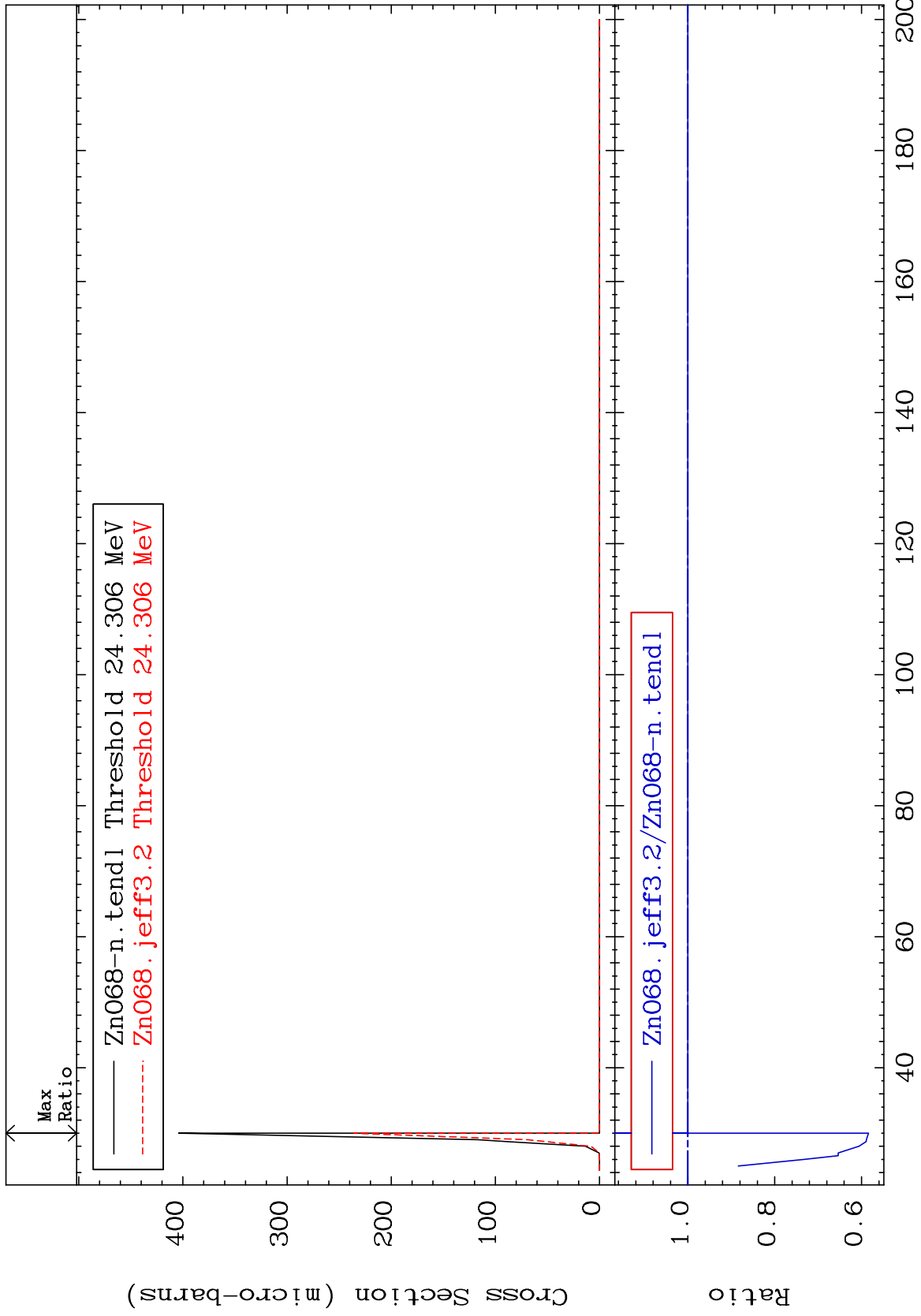
Inelastic Cross Section
30-Zn-68
-10.02 To 8.774 %



MAT 3037

(n,2n) d
Cross Section

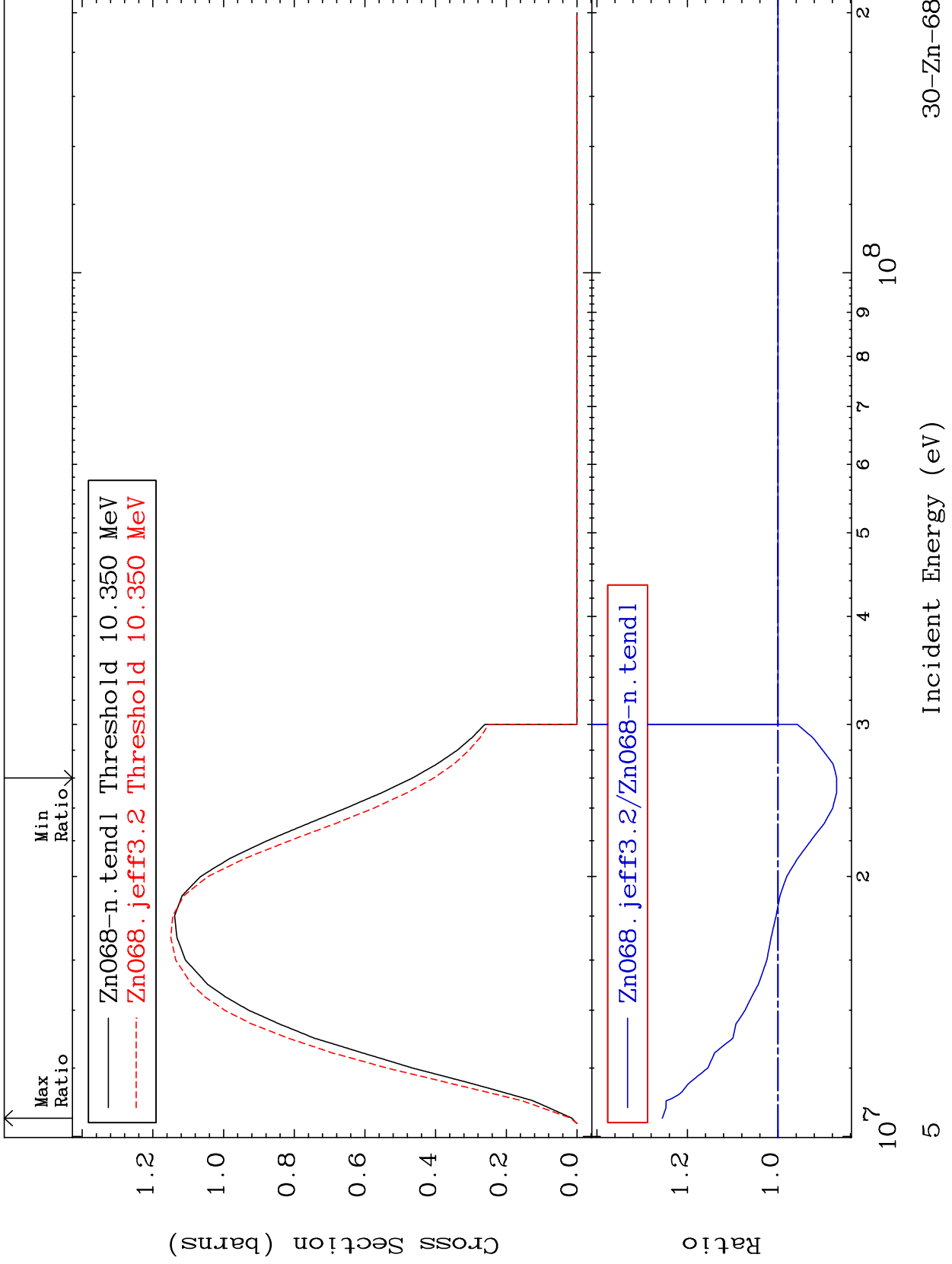
30-Zn-68
-41.60 To 0.000 %



MAT 3037

(n,2n)
Cross Section

30-Zn-68
-12.94 To 25.54 %



MAT 3037

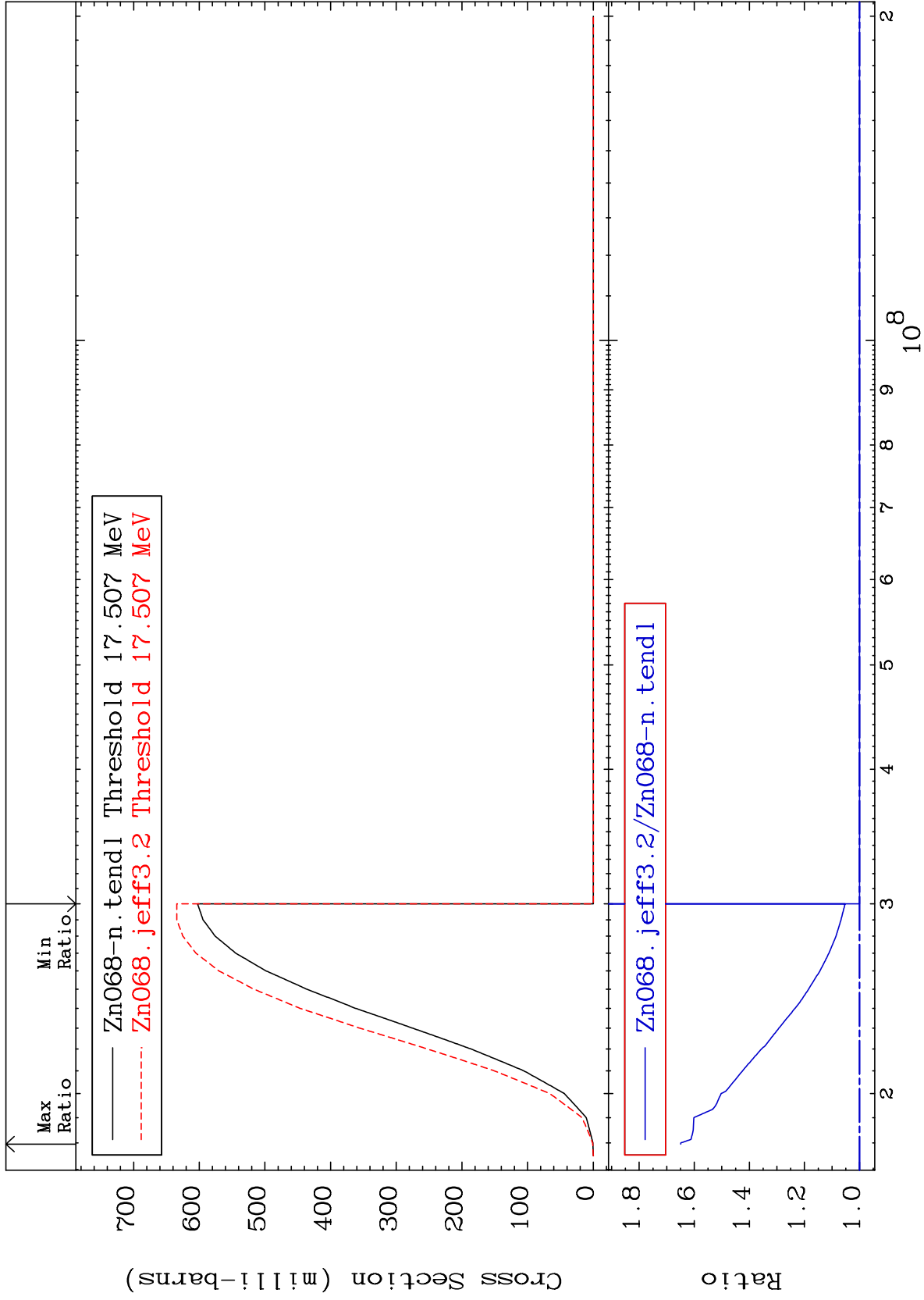
(n,3n)

30-Zn-68

Cross Section

0.000

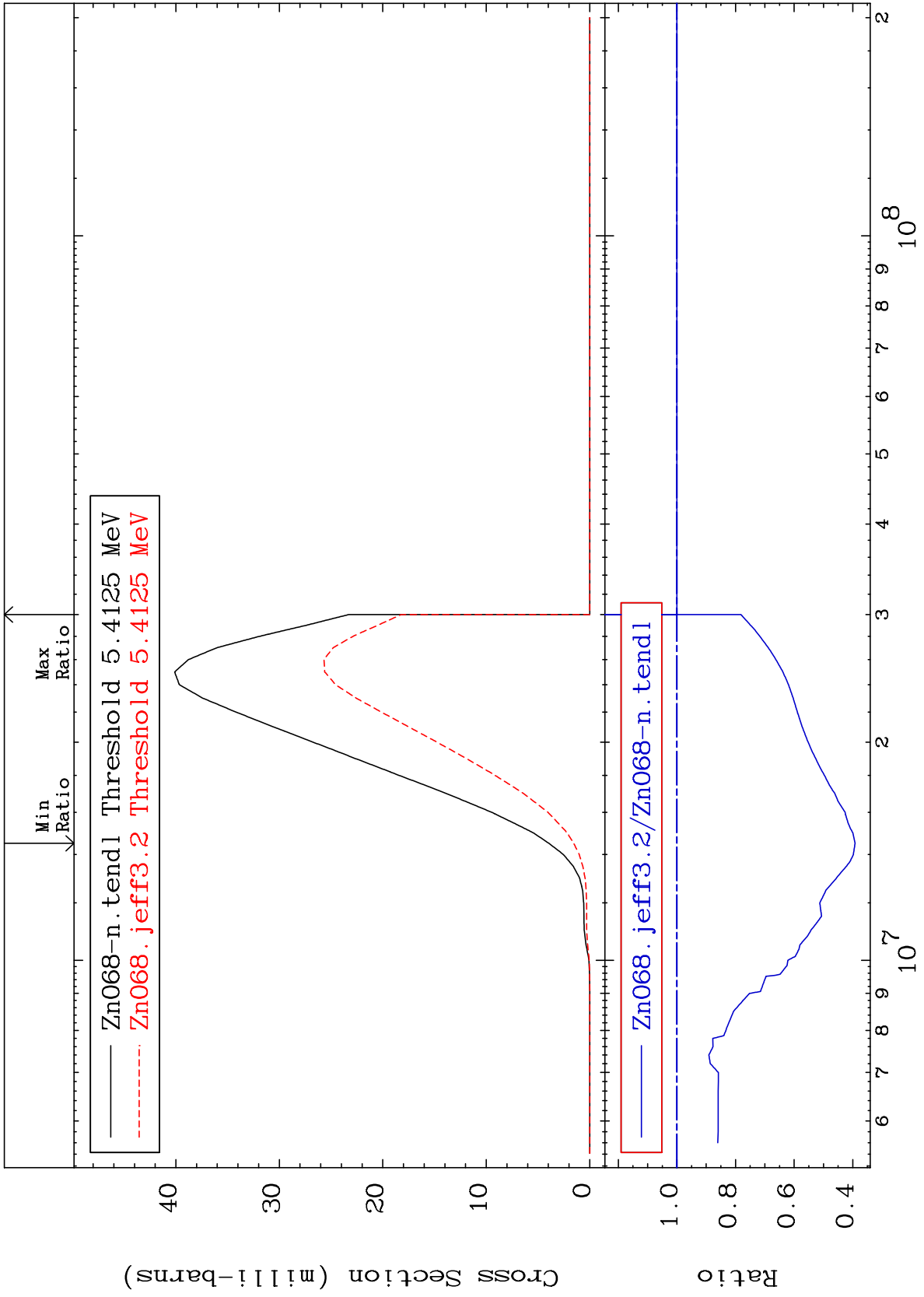
To 64.90 %



MAT 3037

(n, n') α
Cross Section

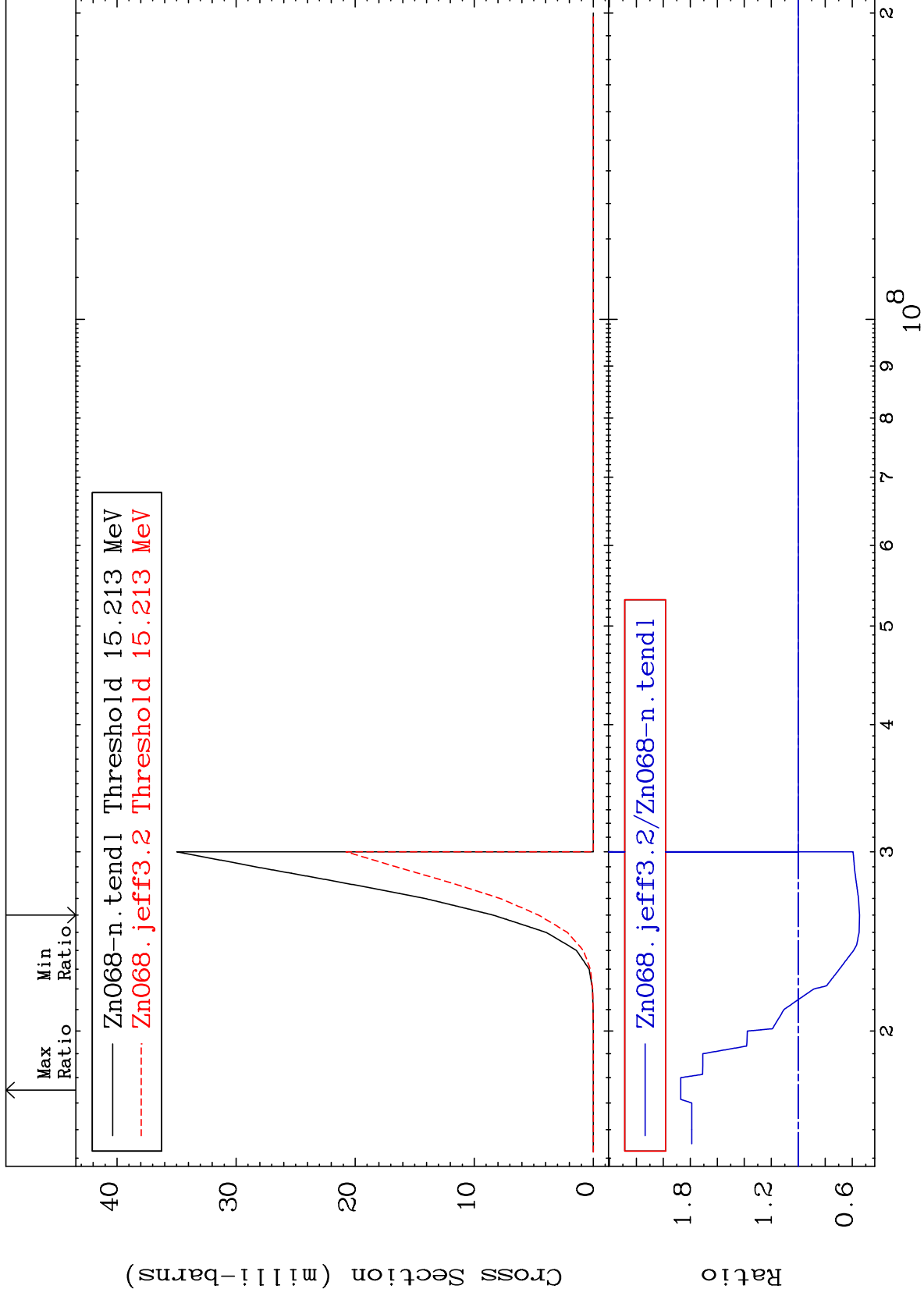
30-Zn-68
-60.80 To 0.000 %



MAT 3037

(n,2n) α
Cross Section

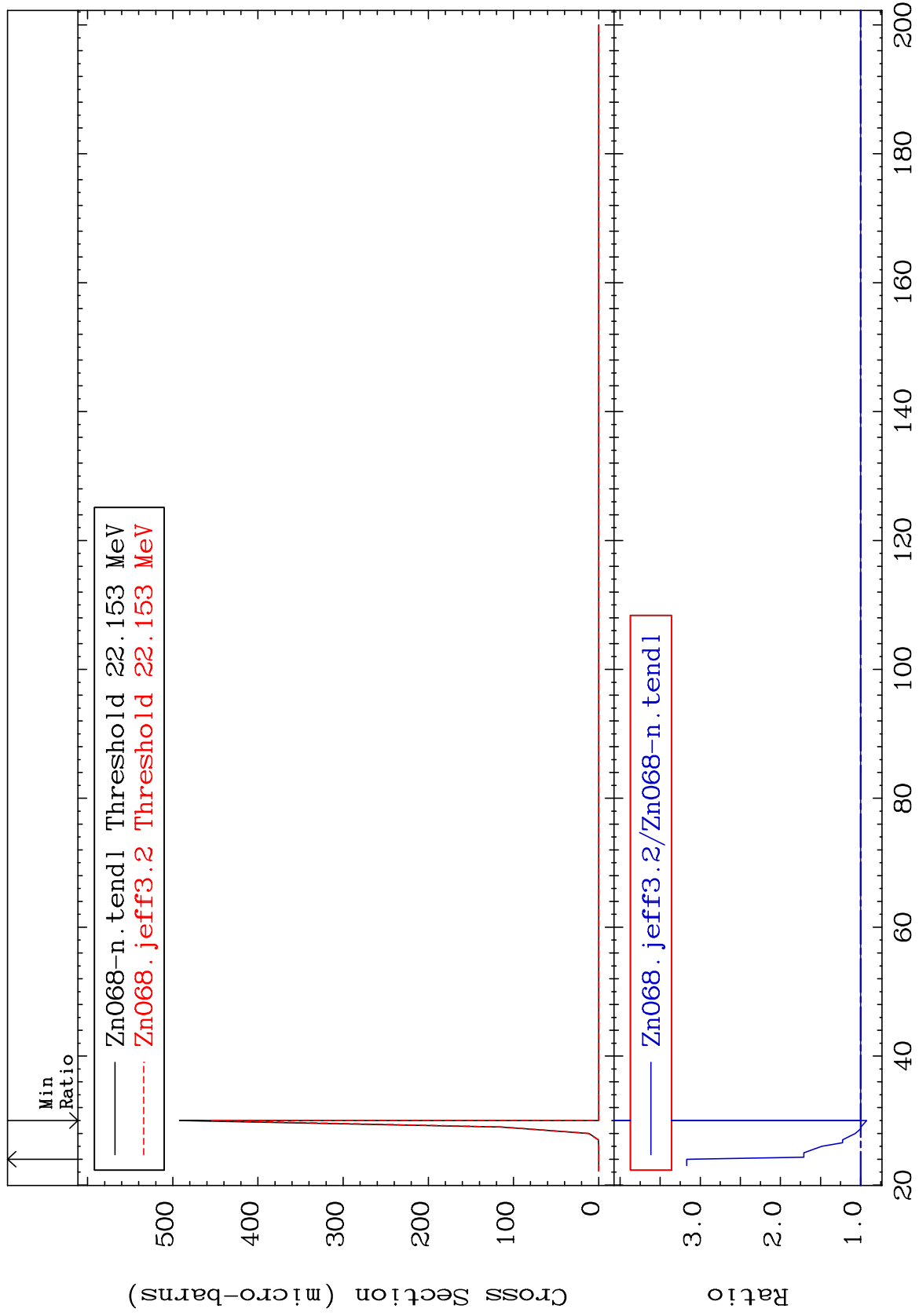
30-Zn-68
-45.44 To 87.07 %



MAT 3037

(n,3n) α
Cross Section

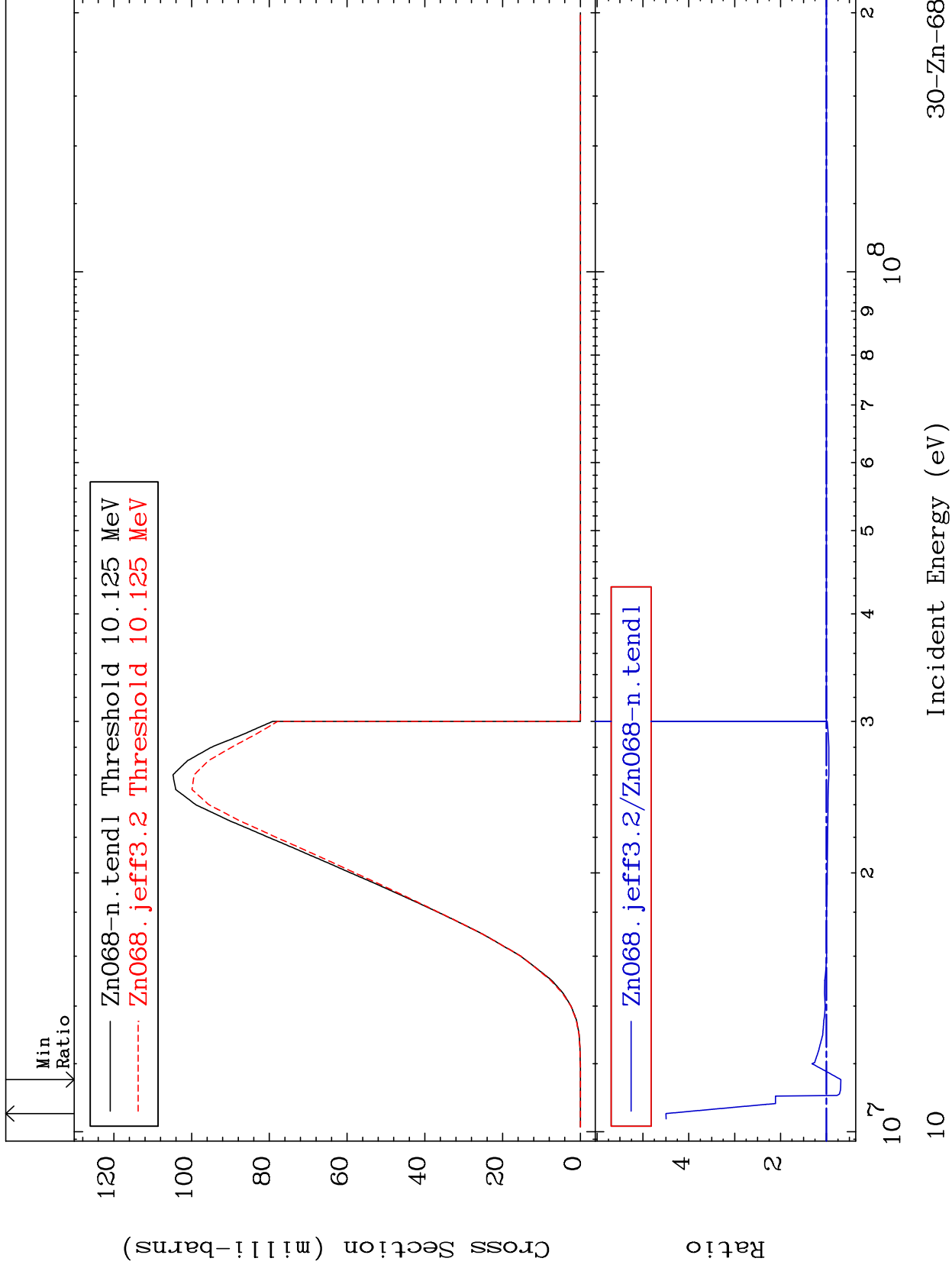
30-Zn-68
-7.565 To 216.8 %

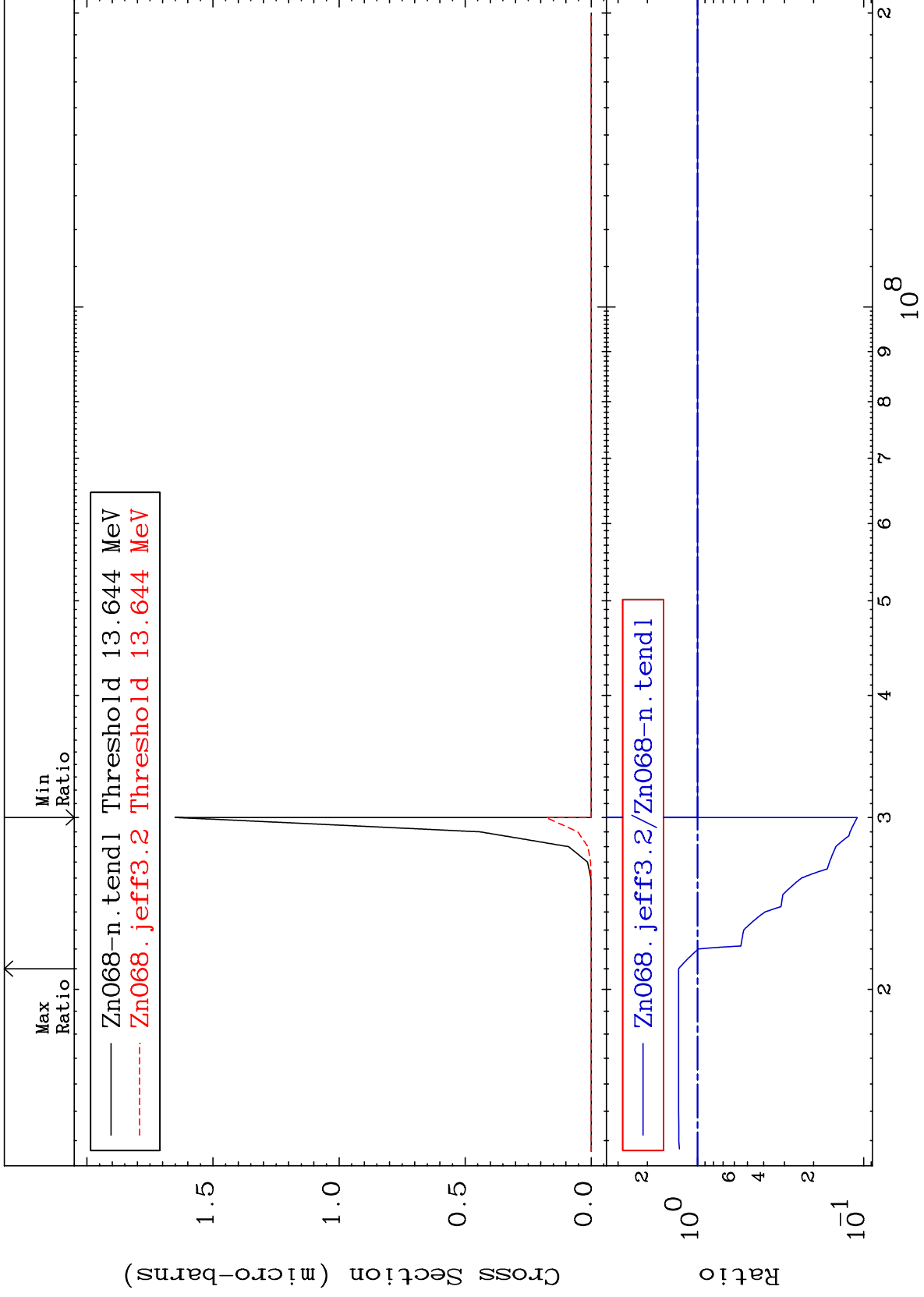


MAT 3037

(n,n') p
Cross Section

30-Zn-68
-31.44 To 349.7 %





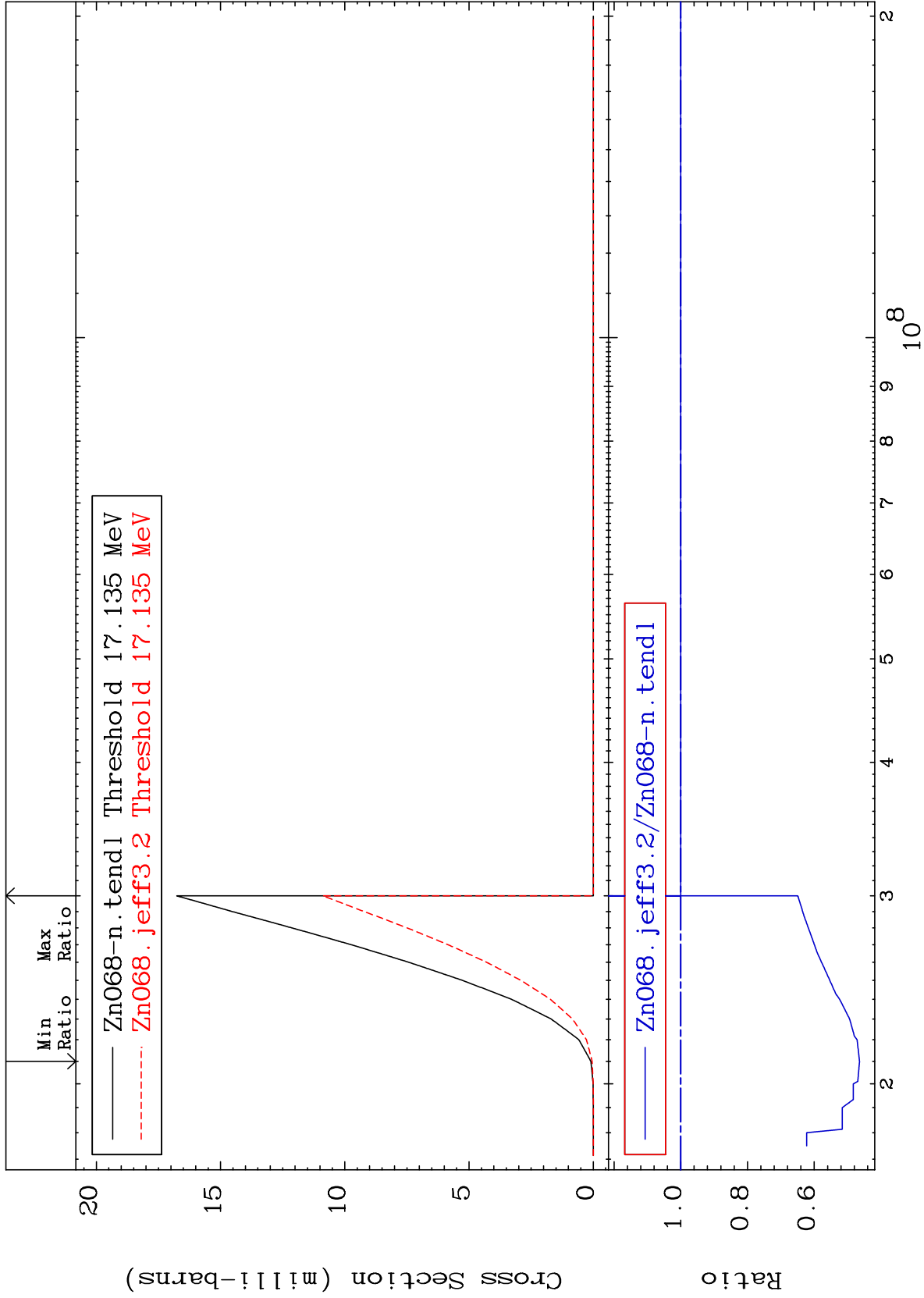
MAT 3037

(n, n') d

30-Zn-68

Cross Section

-53.57 To 0.000 %



12

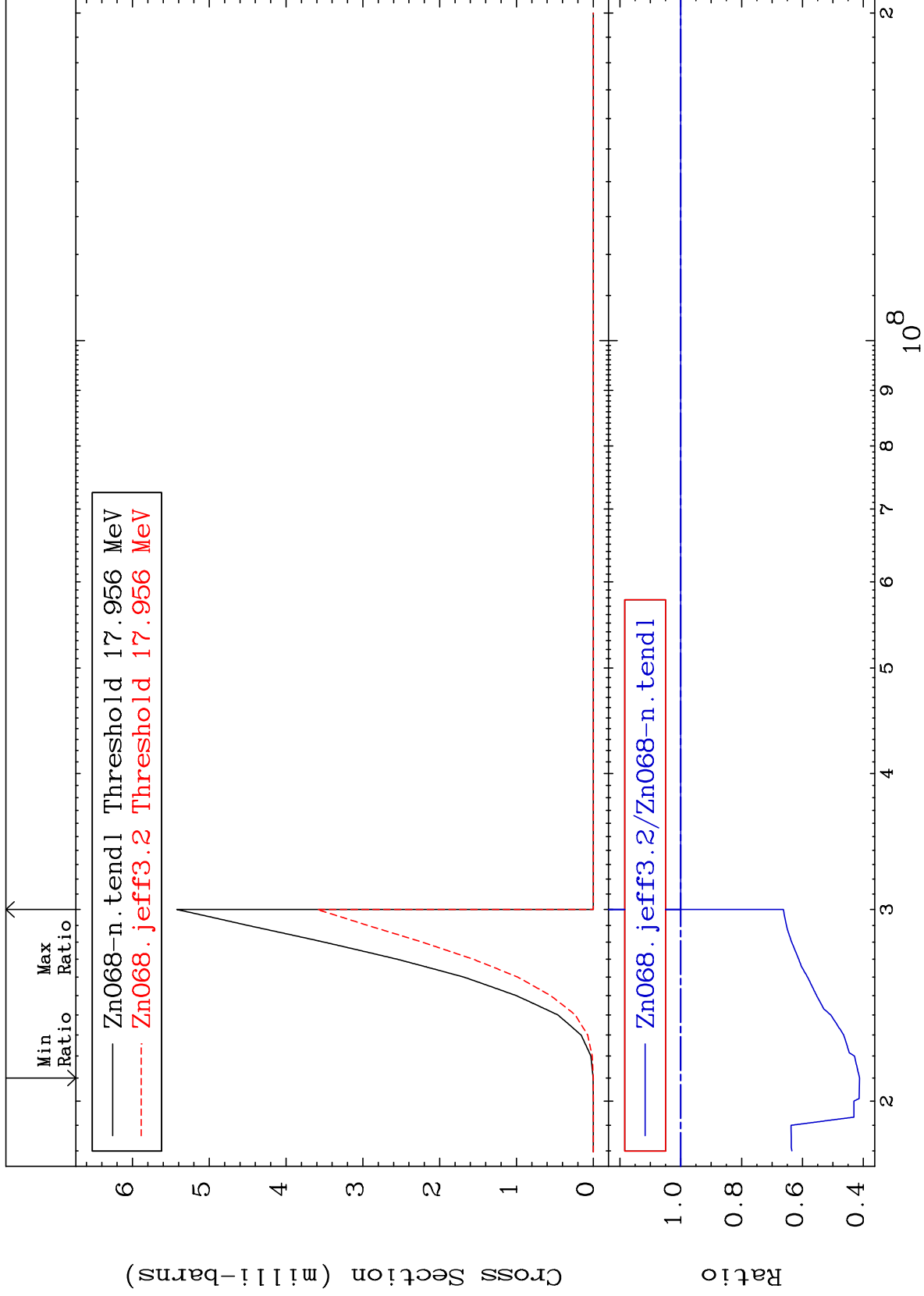
Incident Energy (eV)

30-Zn-68

MAT 3037

(n,n') t
Cross Section

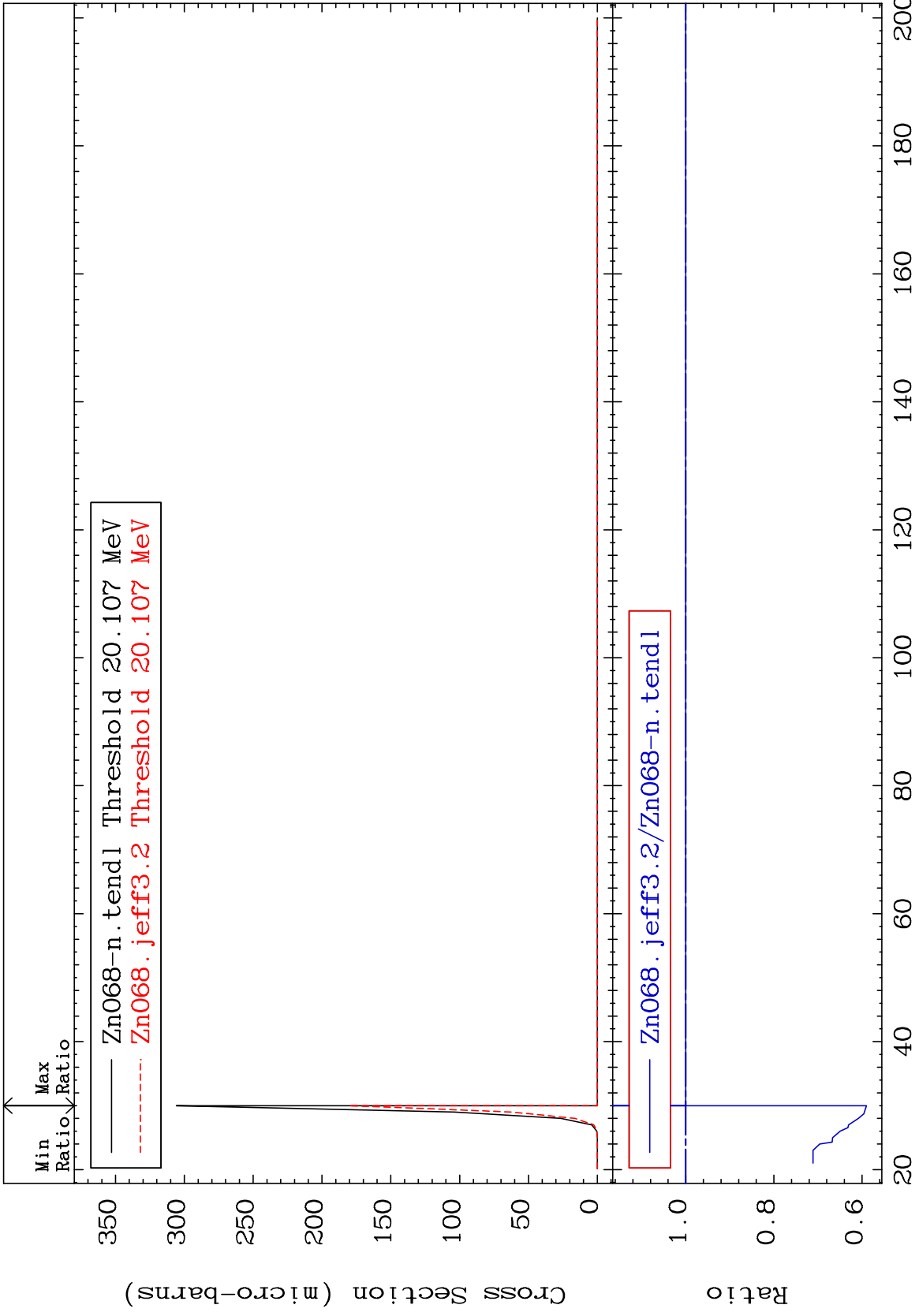
30-Zn-68
-58.75 To 0.000 %



MAT 3037

(n, n') He-3
Cross Section

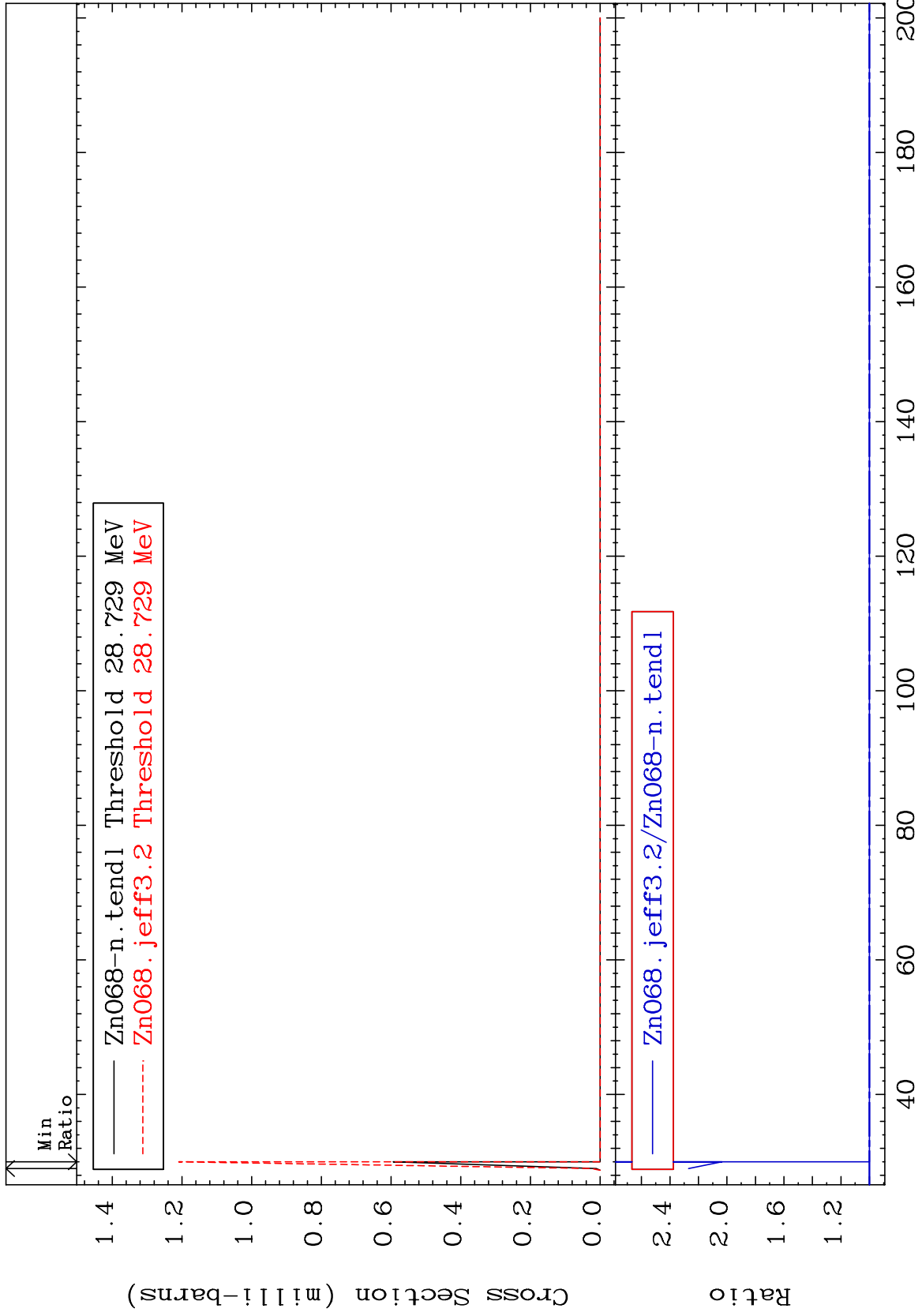
30-Zn-68
-41.00 To 0.000 %



MAT 3037

(n,4n)
Cross Section

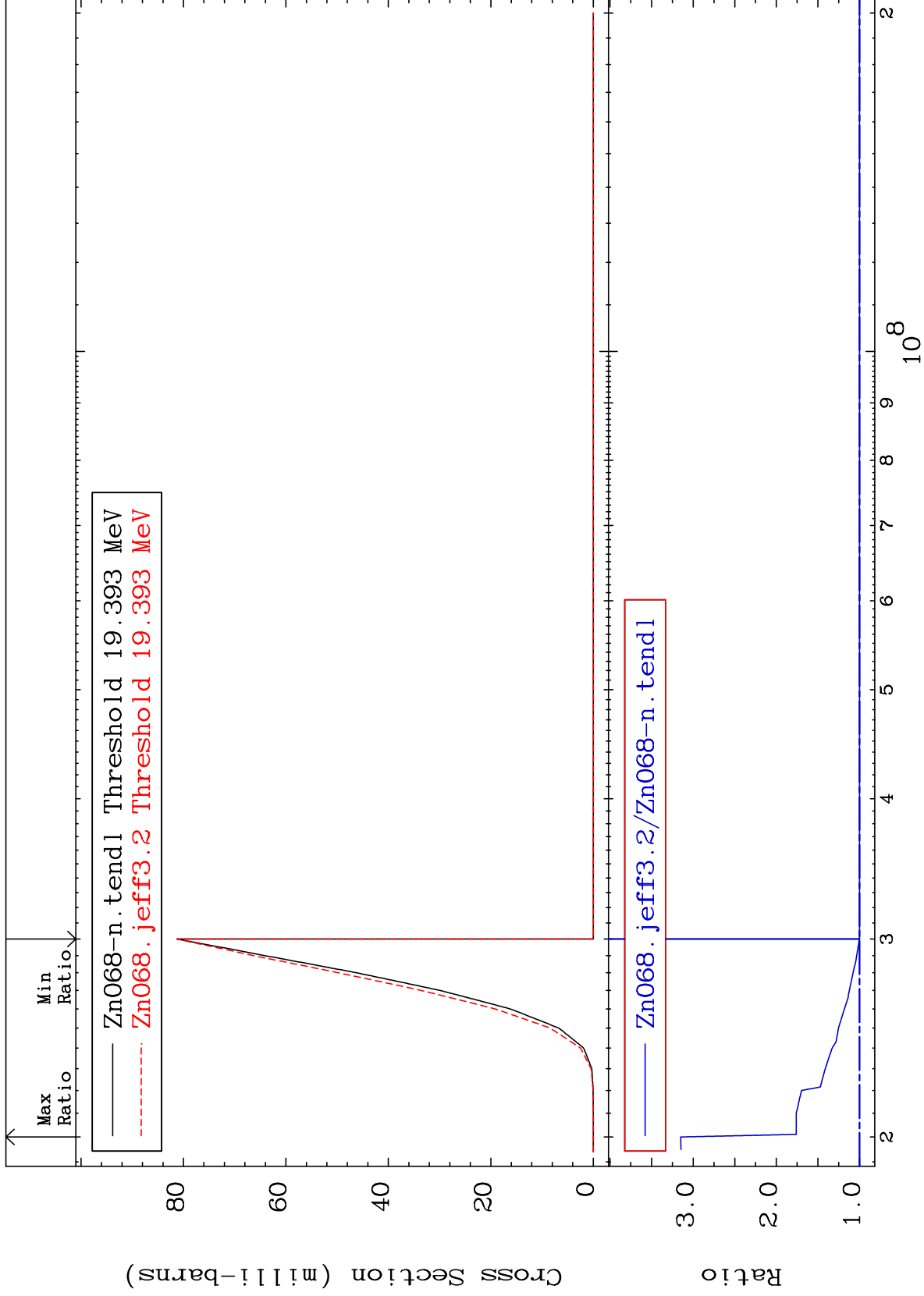
30-Zn-68
To 126.9 %
0.000



MAT 3037

(n,2n) p
Cross Section

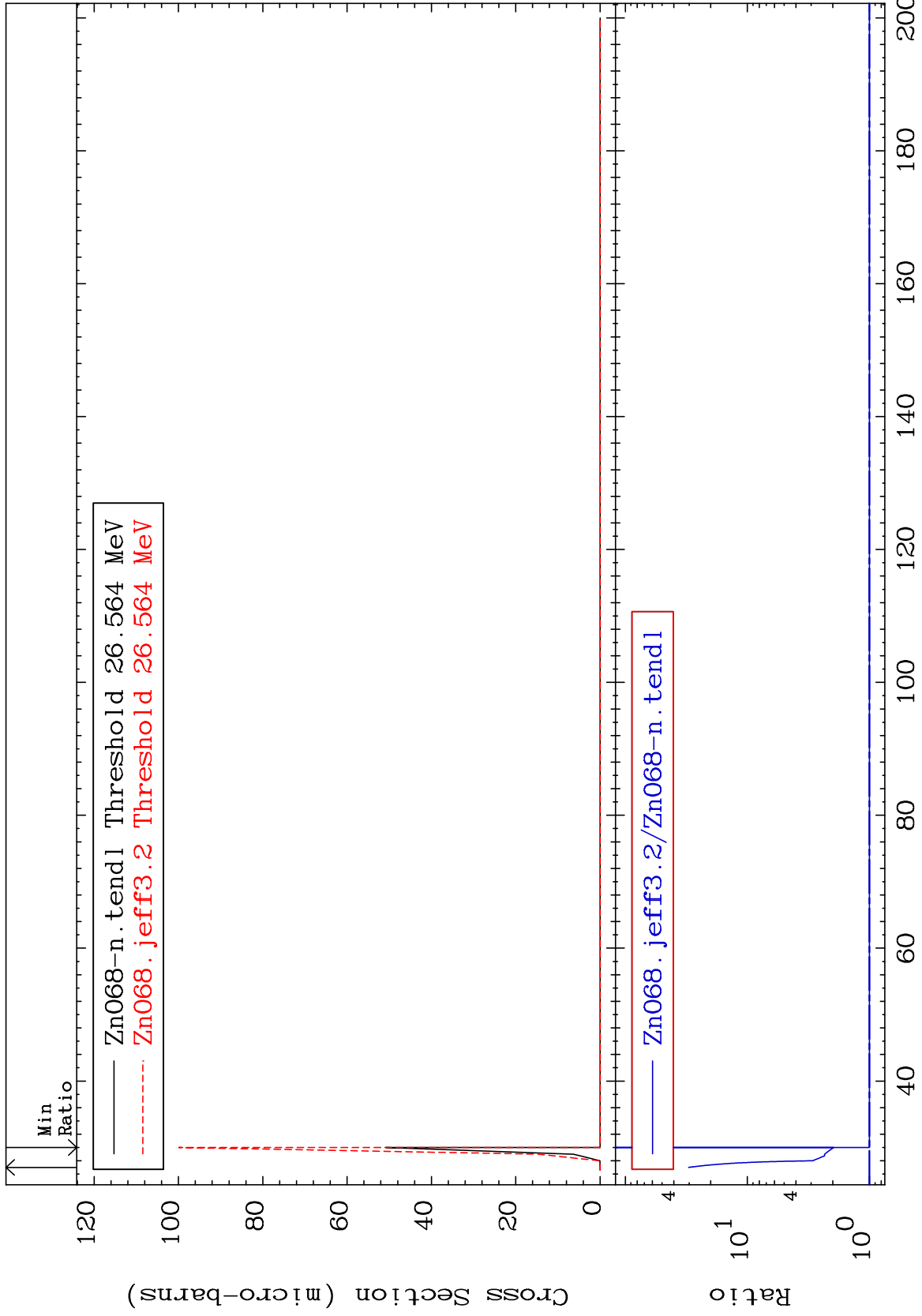
30-Zn-68
To 214.9 %
0.000



MAT 3037

(n,3n) p
Cross Section

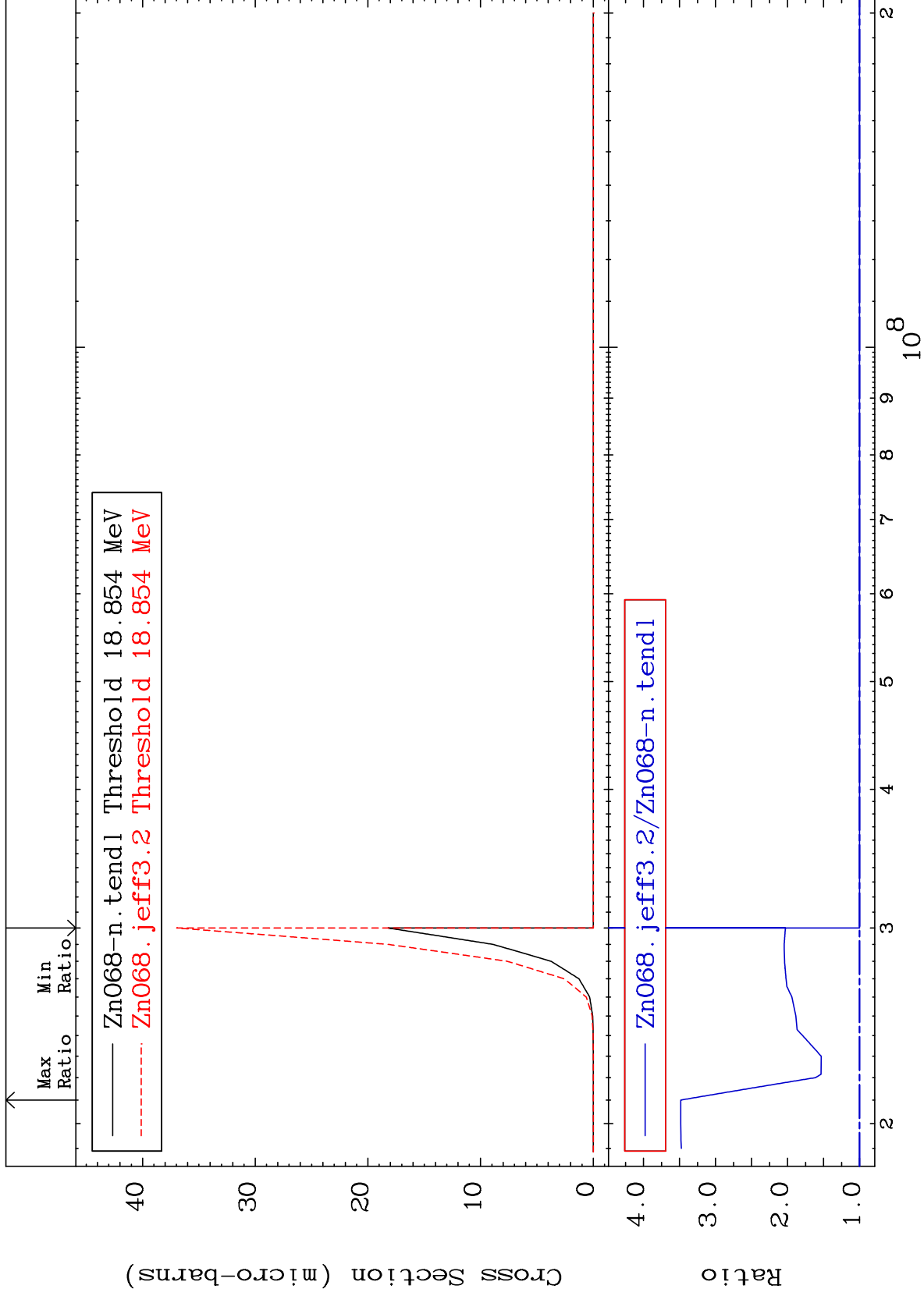
30-Zn-68
0.000 To 2932. %



MAT 3037

(n,2n) p
Cross Section

30-Zn-68
0.000 To 248.3 %



18

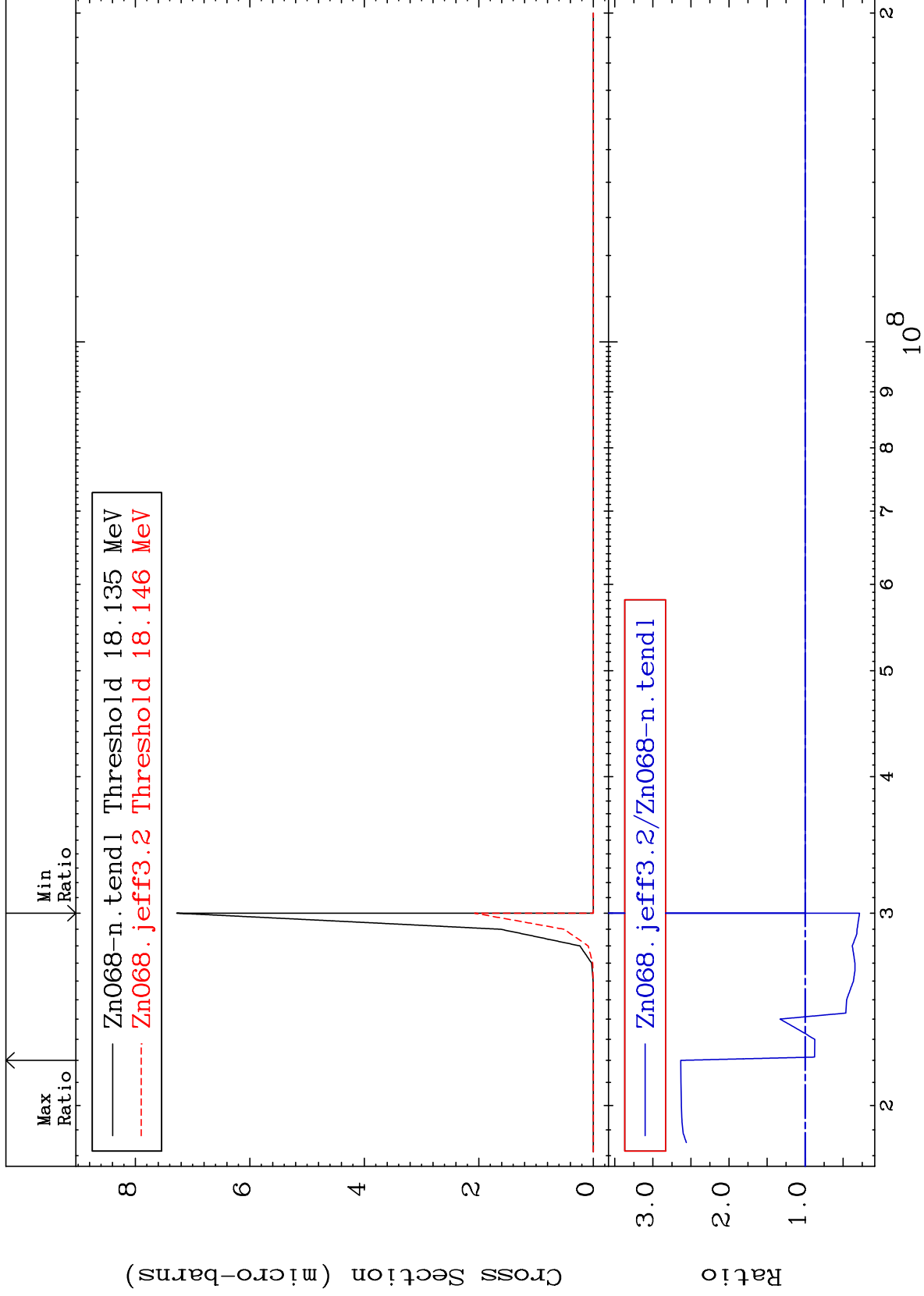
Incident Energy (eV)

30-Zn-68

MAT 3037

(n,n') p α
Cross Section

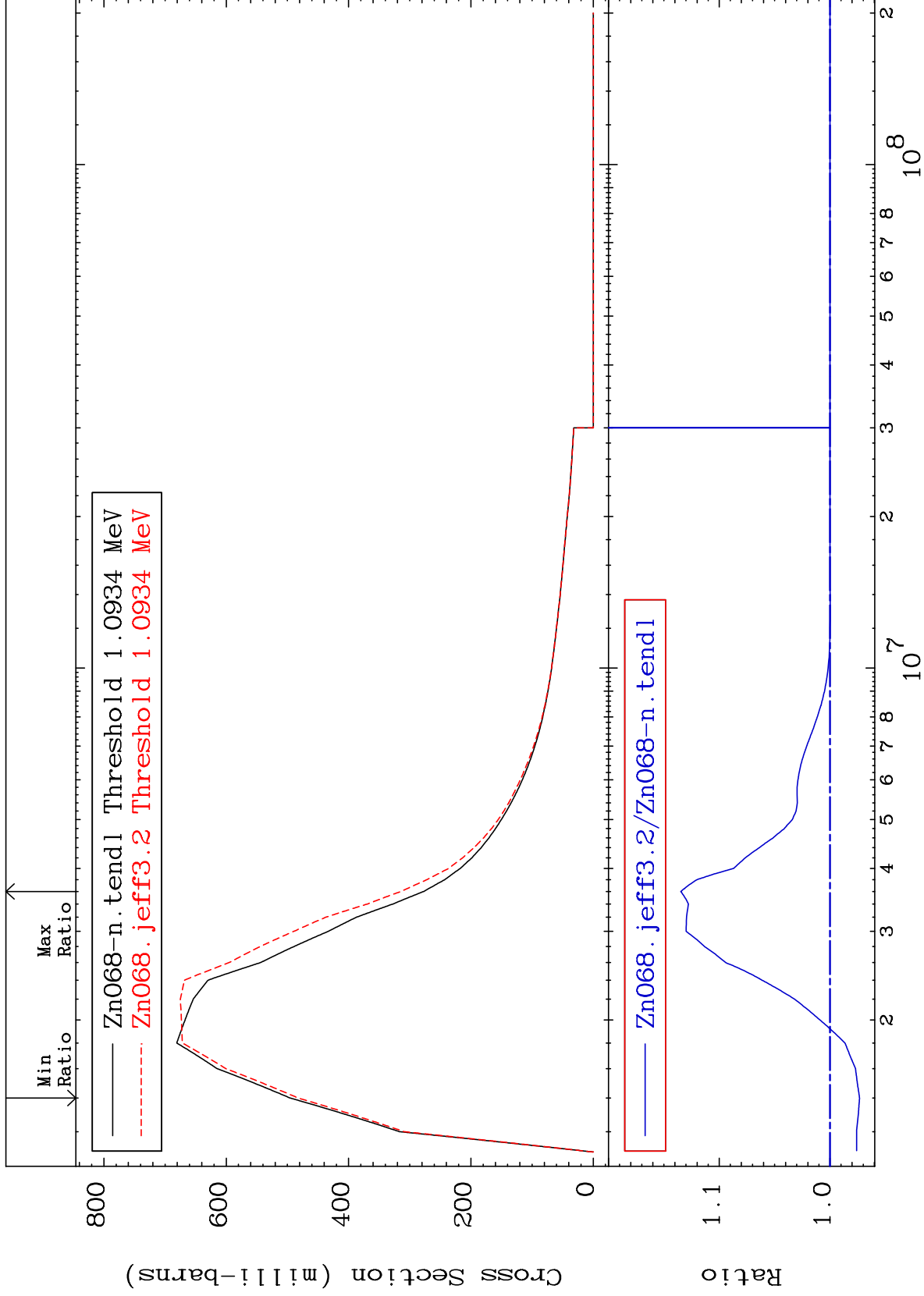
30-Zn-68
-71.51 To 163.3 %



MAT 3037

1.077 MeV (n,n') Level
Cross Section

30-Zn-68
-2.670 To 13.47 %



20

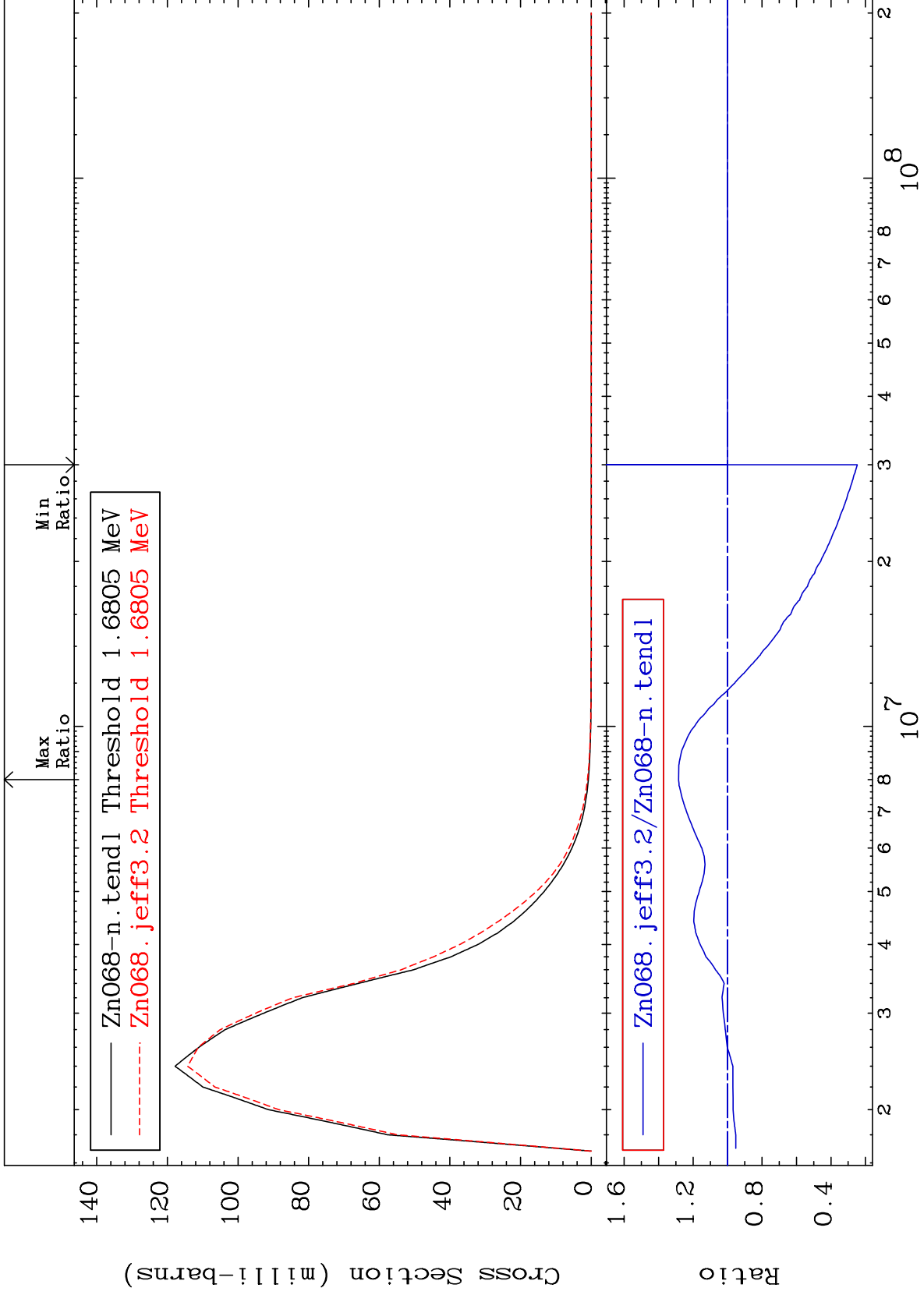
Incident Energy (eV)

30-Zn-68

MAT 3037

1.656 MeV (n,n') Level
Cross Section

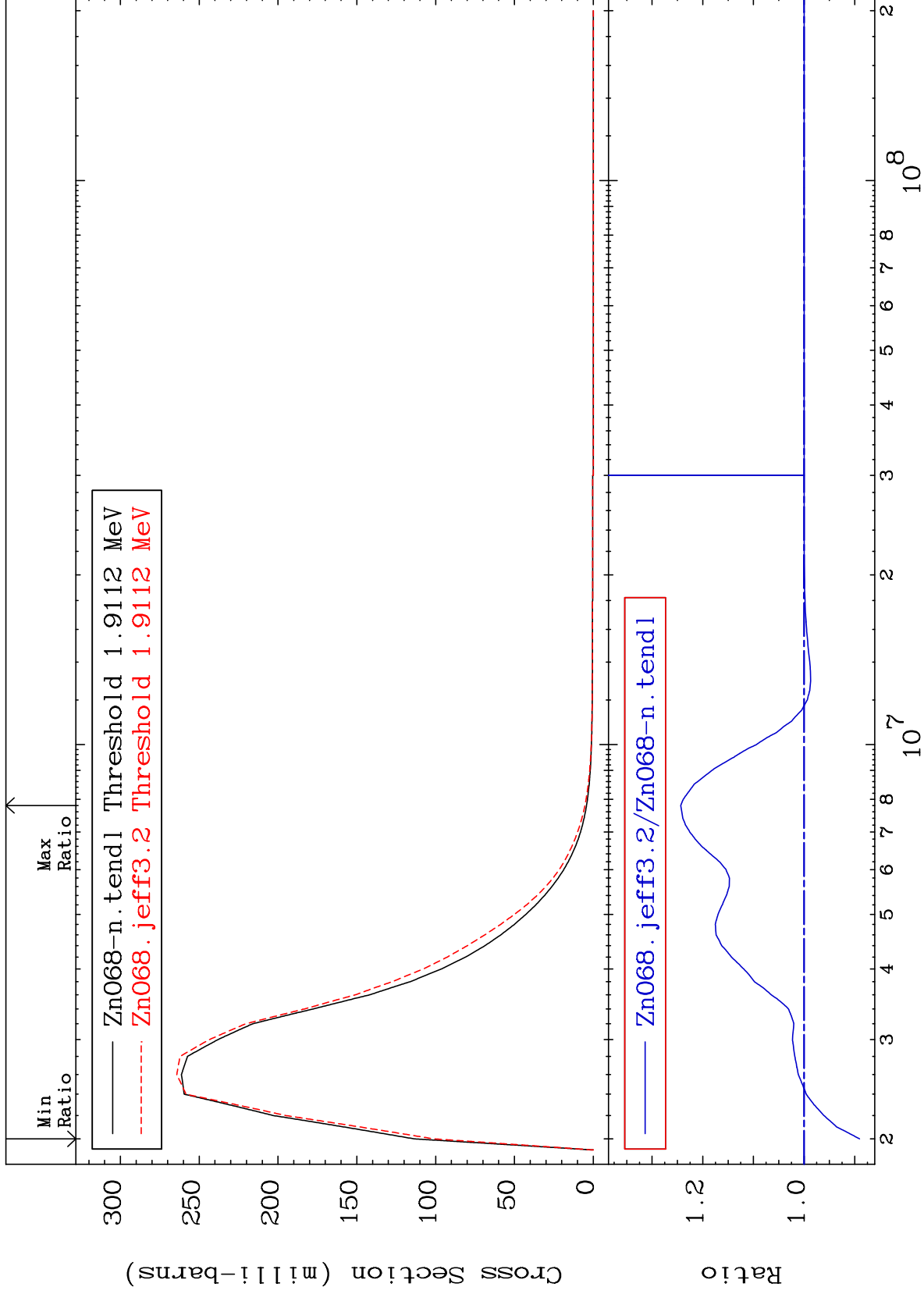
30-Zn-68
-75.26 To 28.38 %



MAT 3037

1.883 MeV (n,n') Level
Cross Section

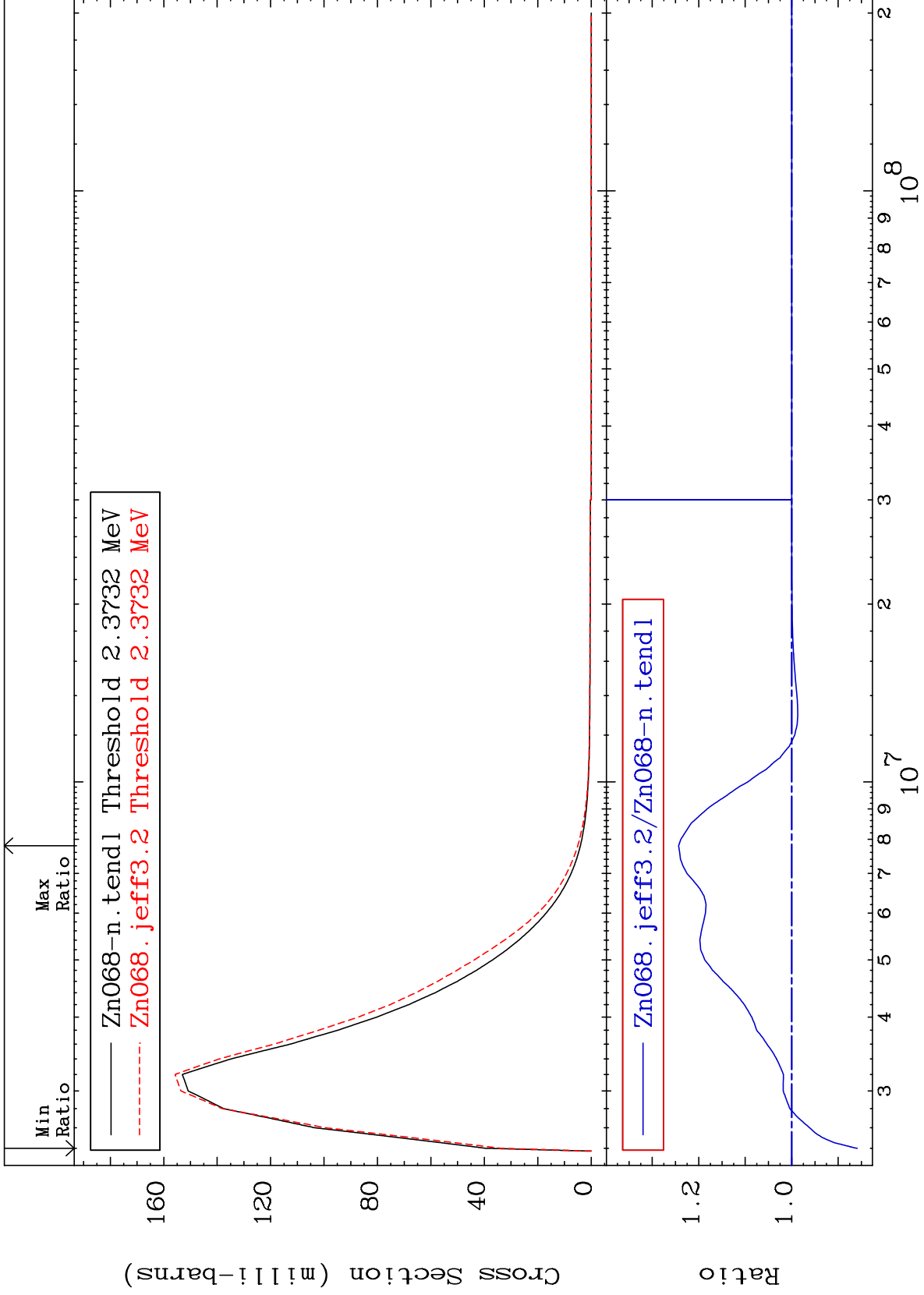
30-Zn-68
-10.95 To 24.34 %

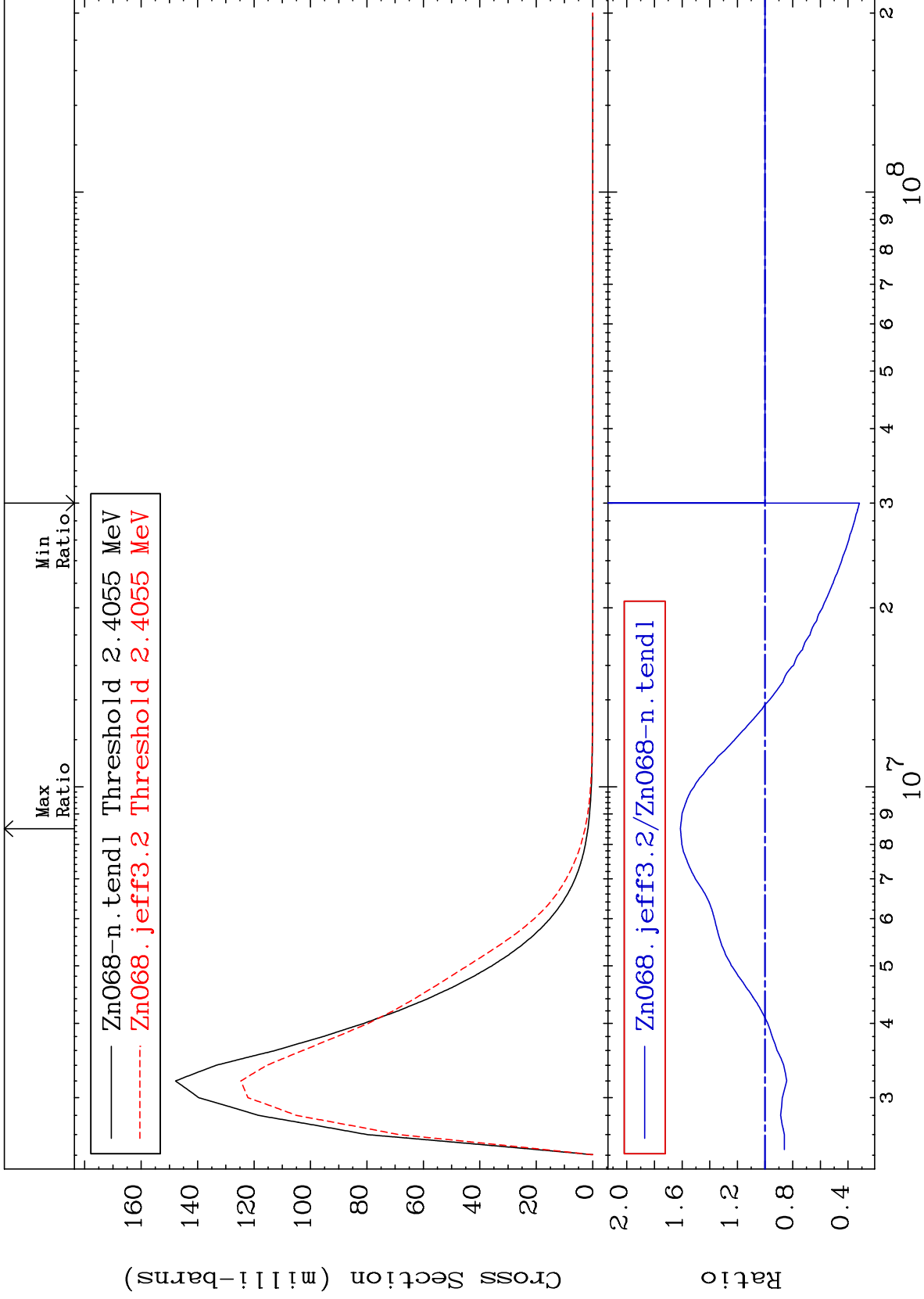


MAT 3037

2.338 MeV (n,n') Level
Cross Section

30-Zn-68
-14.11 To 24.33 %

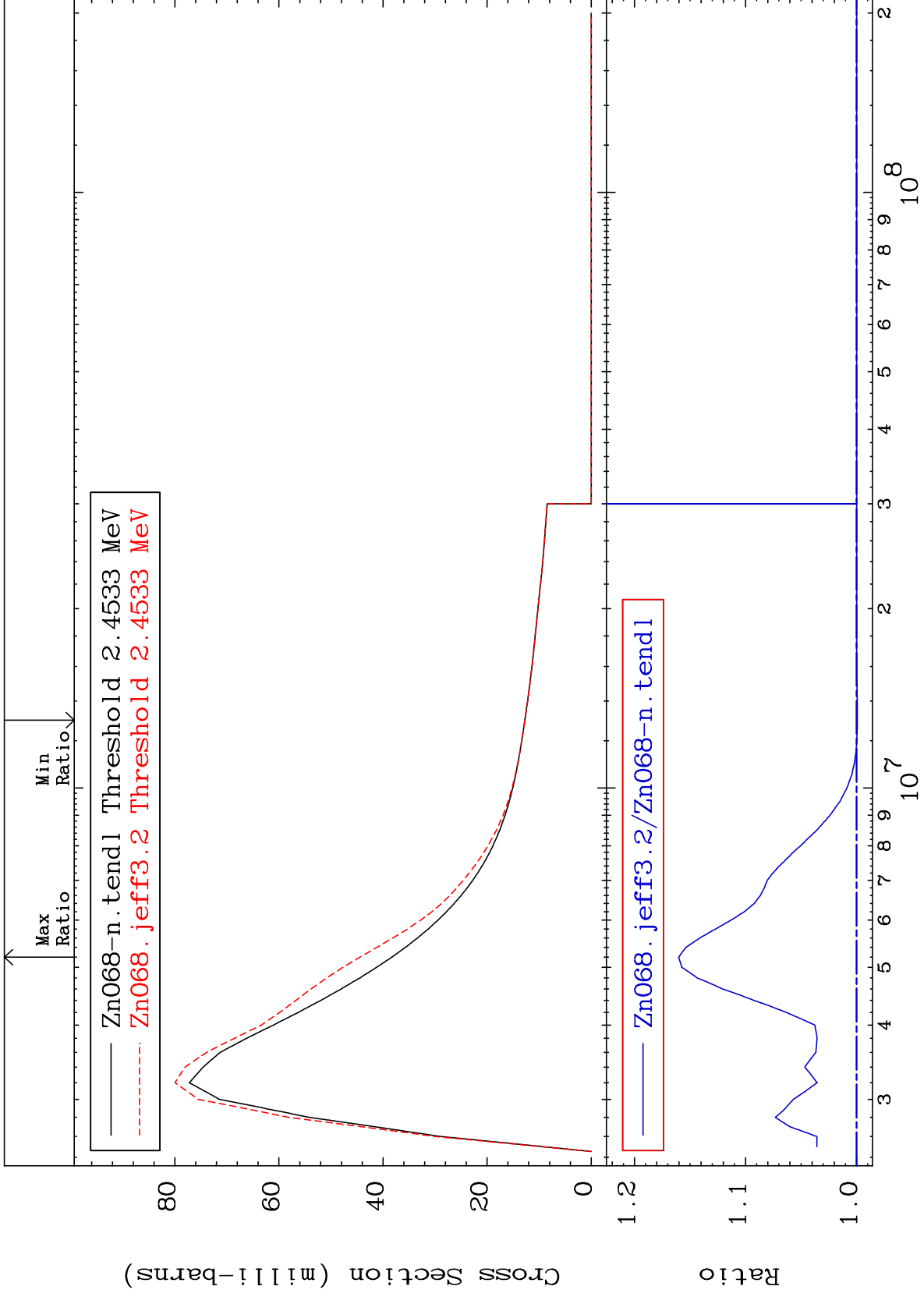




MAT 3037

2.417 MeV (n,n') Level
Cross Section

30-Zn-68
-0.066 To 16.02 %



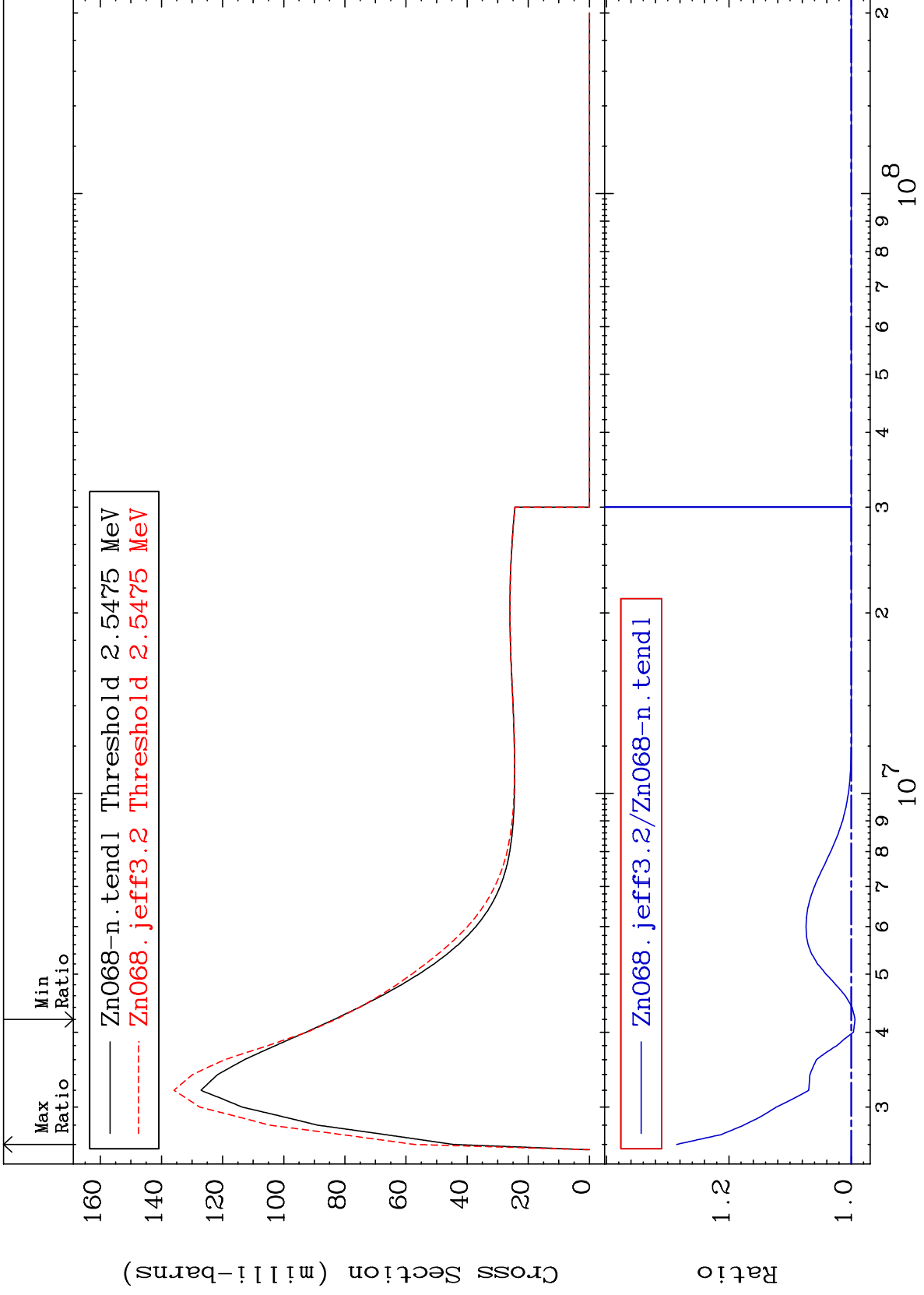
25

30-Zn-68

MAT 3037

2.510 MeV (n,n') Level
Cross Section

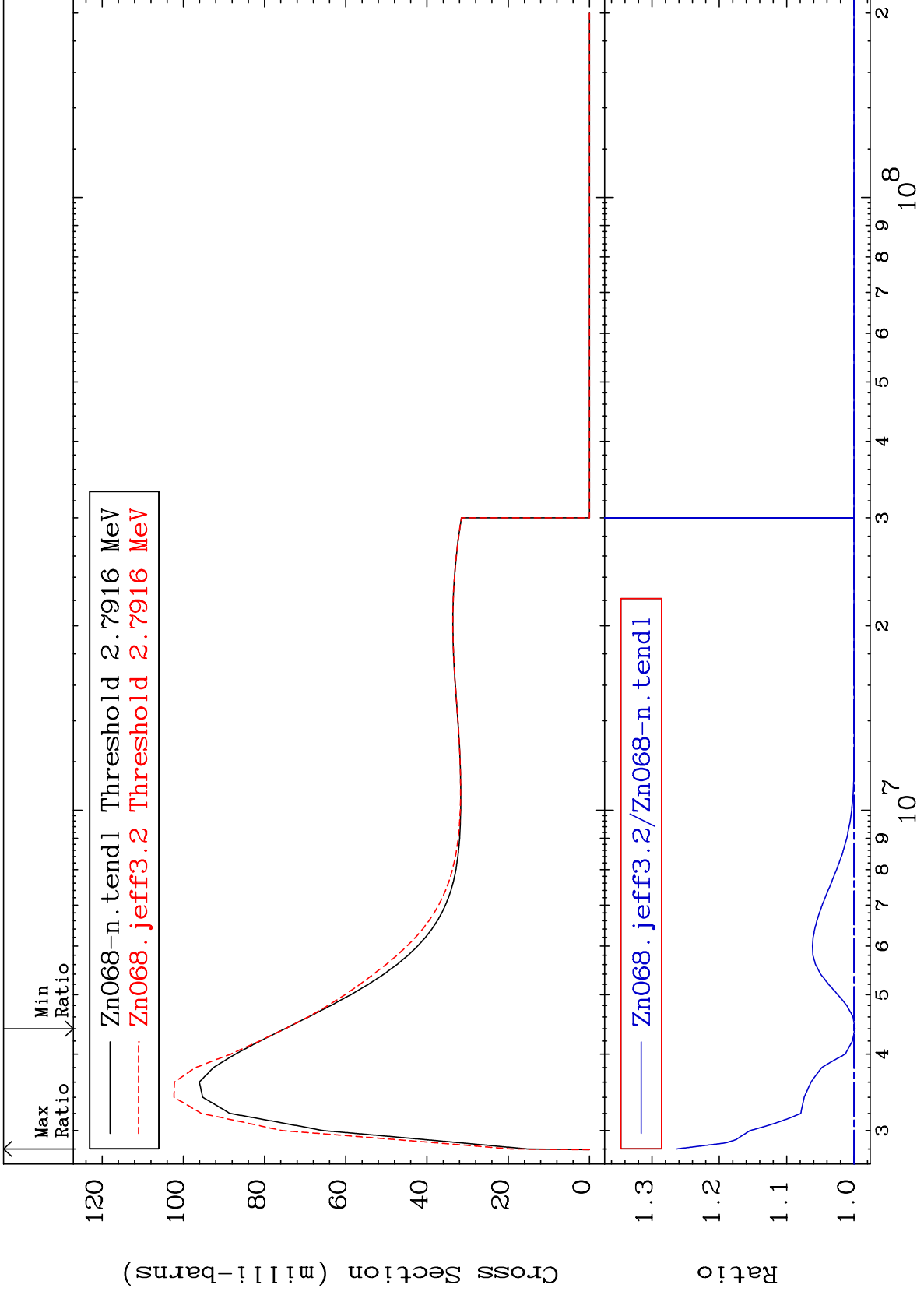
30-Zn-68
-0.622 To 28.53 %



MAT 3037

2.751 MeV (n,n') Level
Cross Section

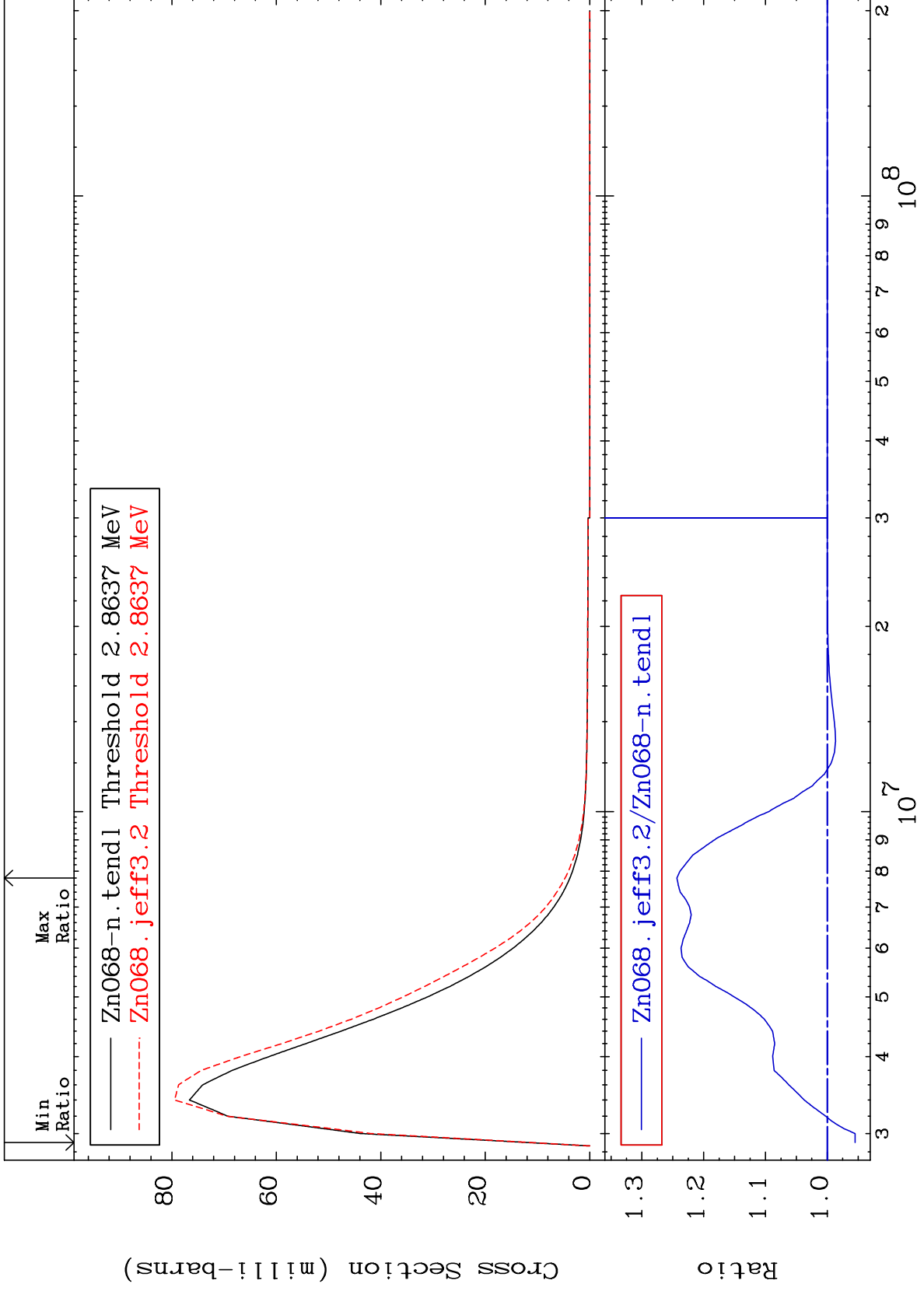
30-Zn-68
-0.148 To 26.32 %



MAT 3037

2.822 MeV (n,n') Level
Cross Section

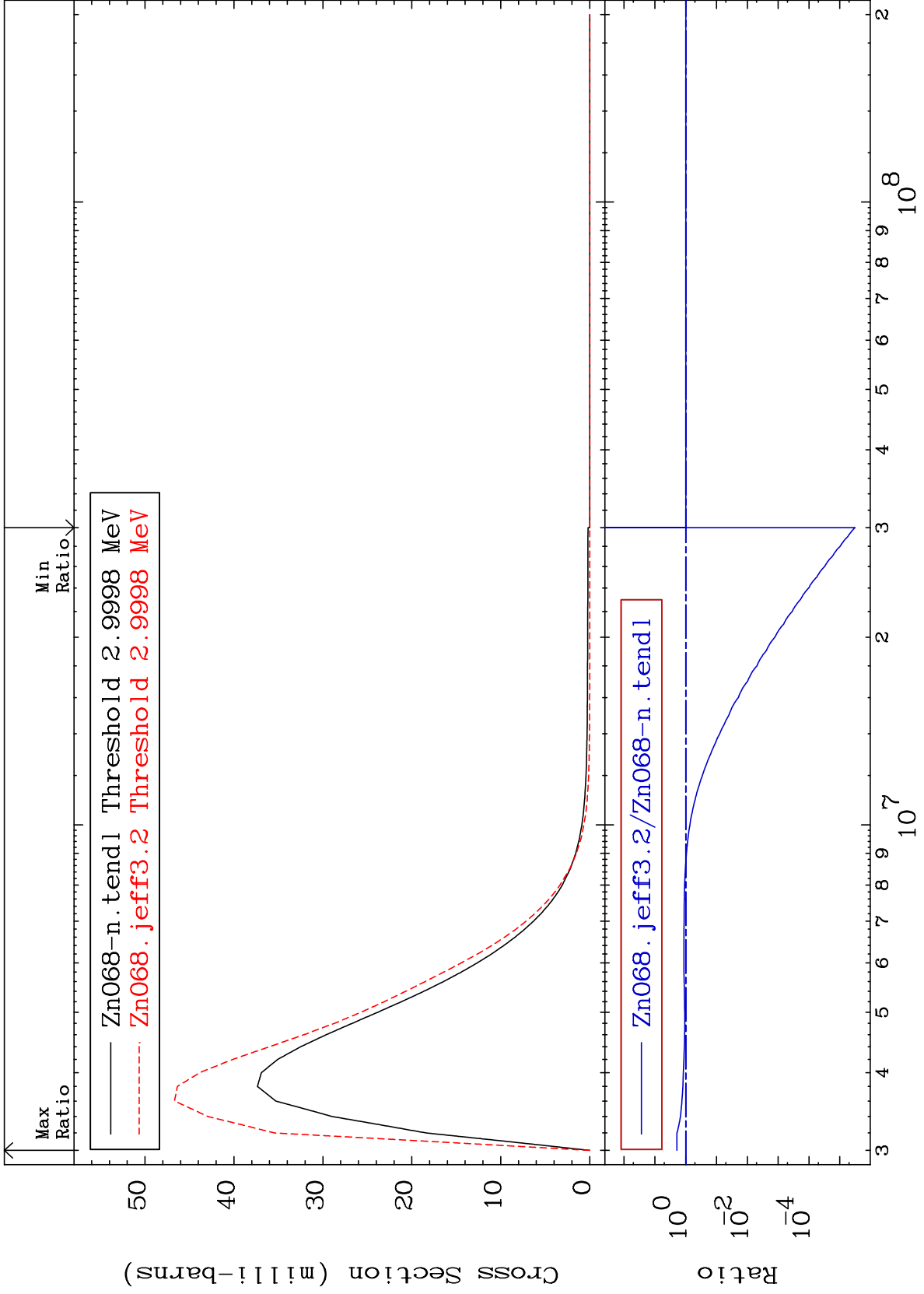
30-Zn-68
-4.506 To 24.33 %



MAT 3037

2.956 MeV (n,n') Level
Cross Section

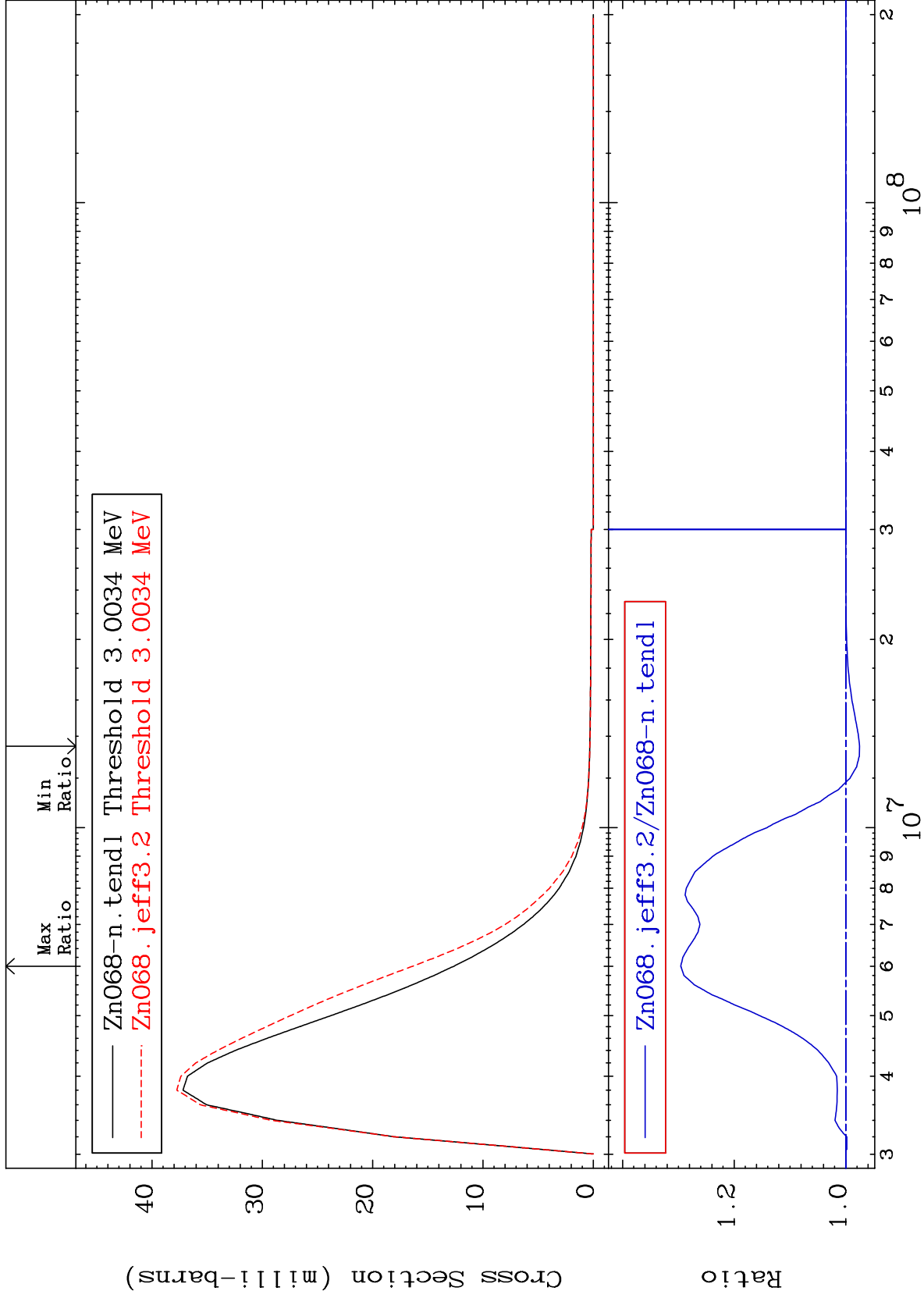
30-Zn-68
-100.0 To 92.66 %



MAT 3037

2.959 MeV (n,n') Level
Cross Section

30-Zn-68
-2.465 To 29.57 %



30

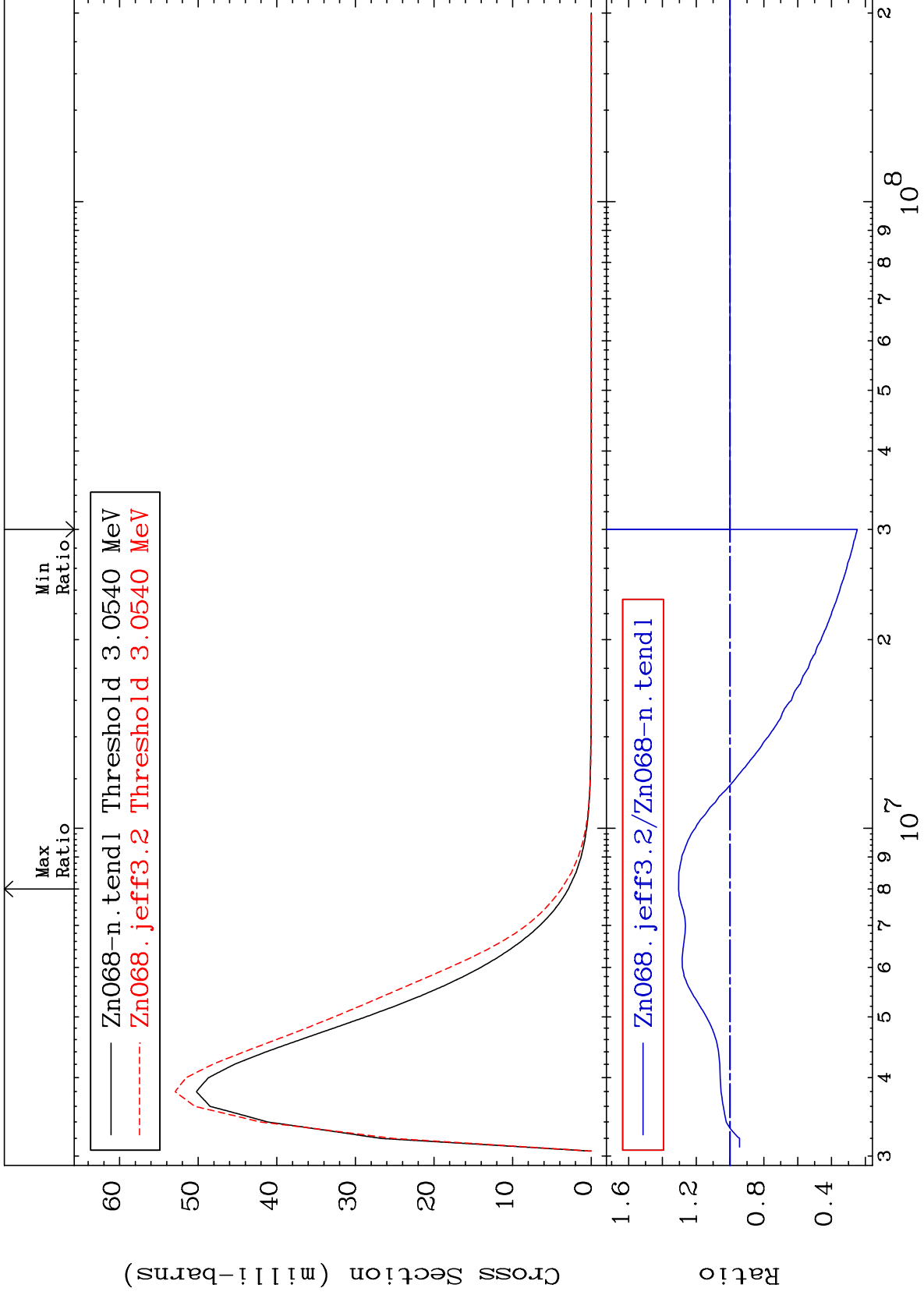
Incident Energy (eV)

30-Zn-68

MAT 3037

3.009 MeV (n,n') Level
Cross Section

30-Zn-68
-75.21 To 30.41 %



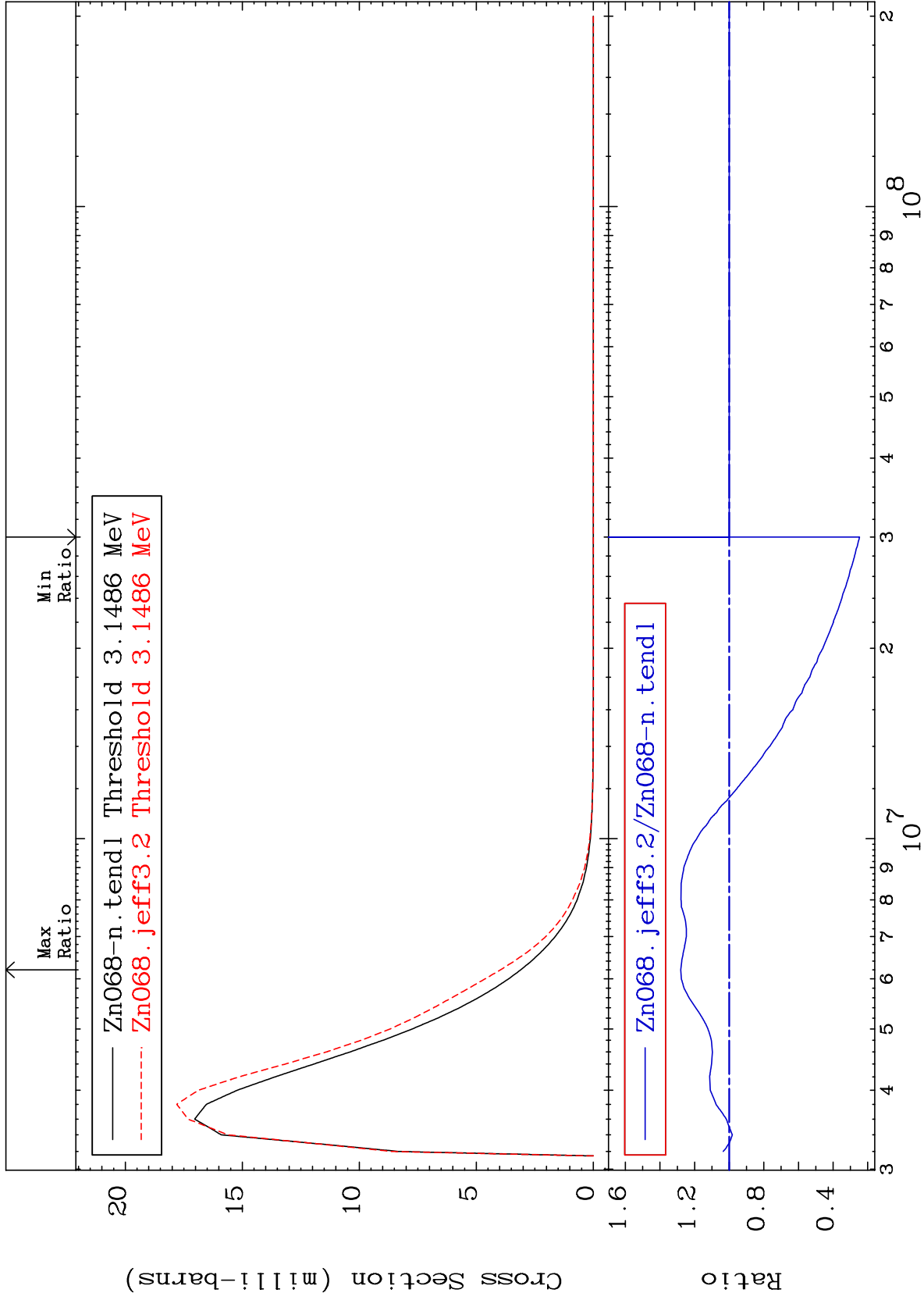
MAT 3037

3.103 MeV (n,n') Level

30-Zn-68

-75.29 To 28.01 %

Cross Section



32

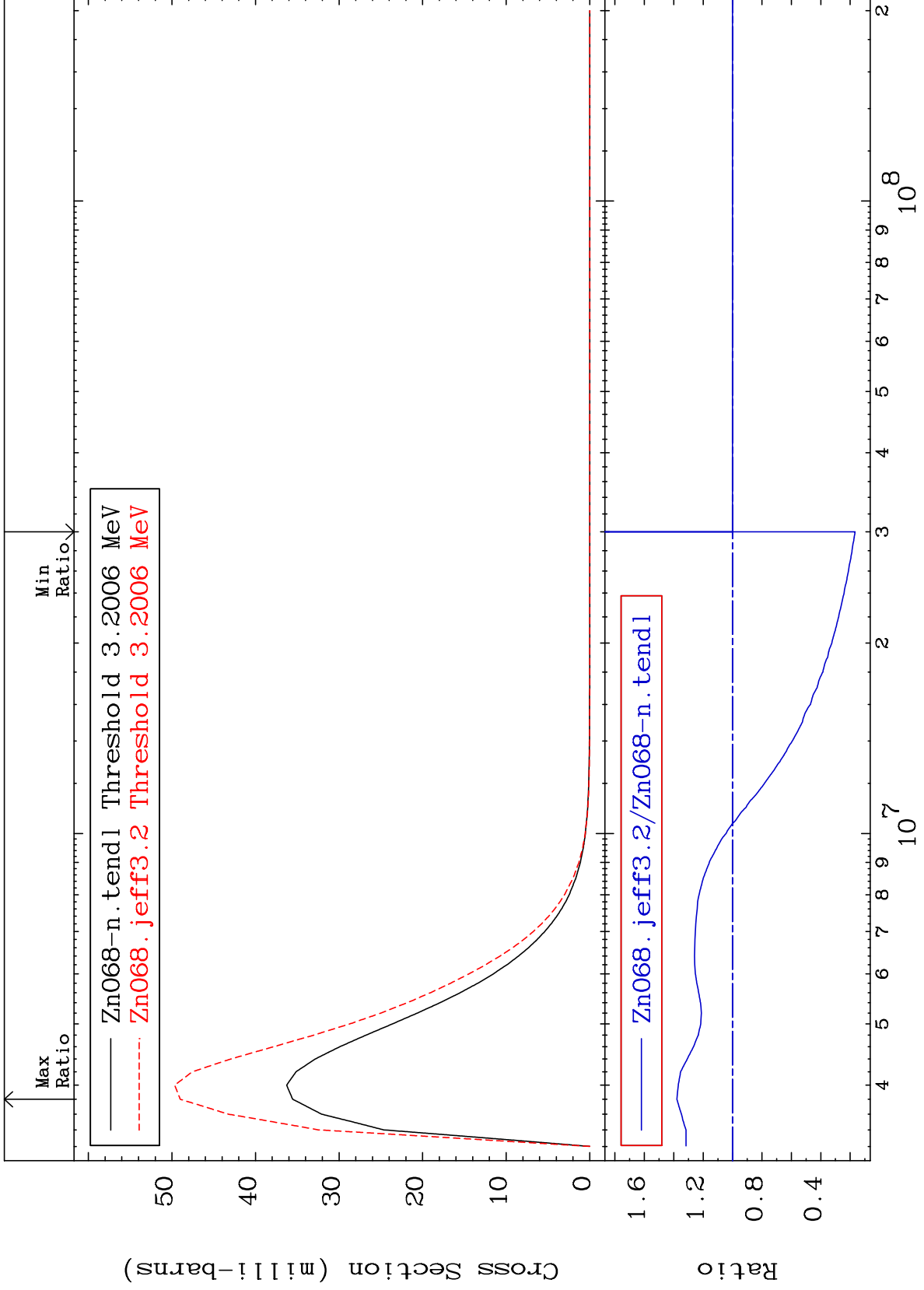
Incident Energy (eV)

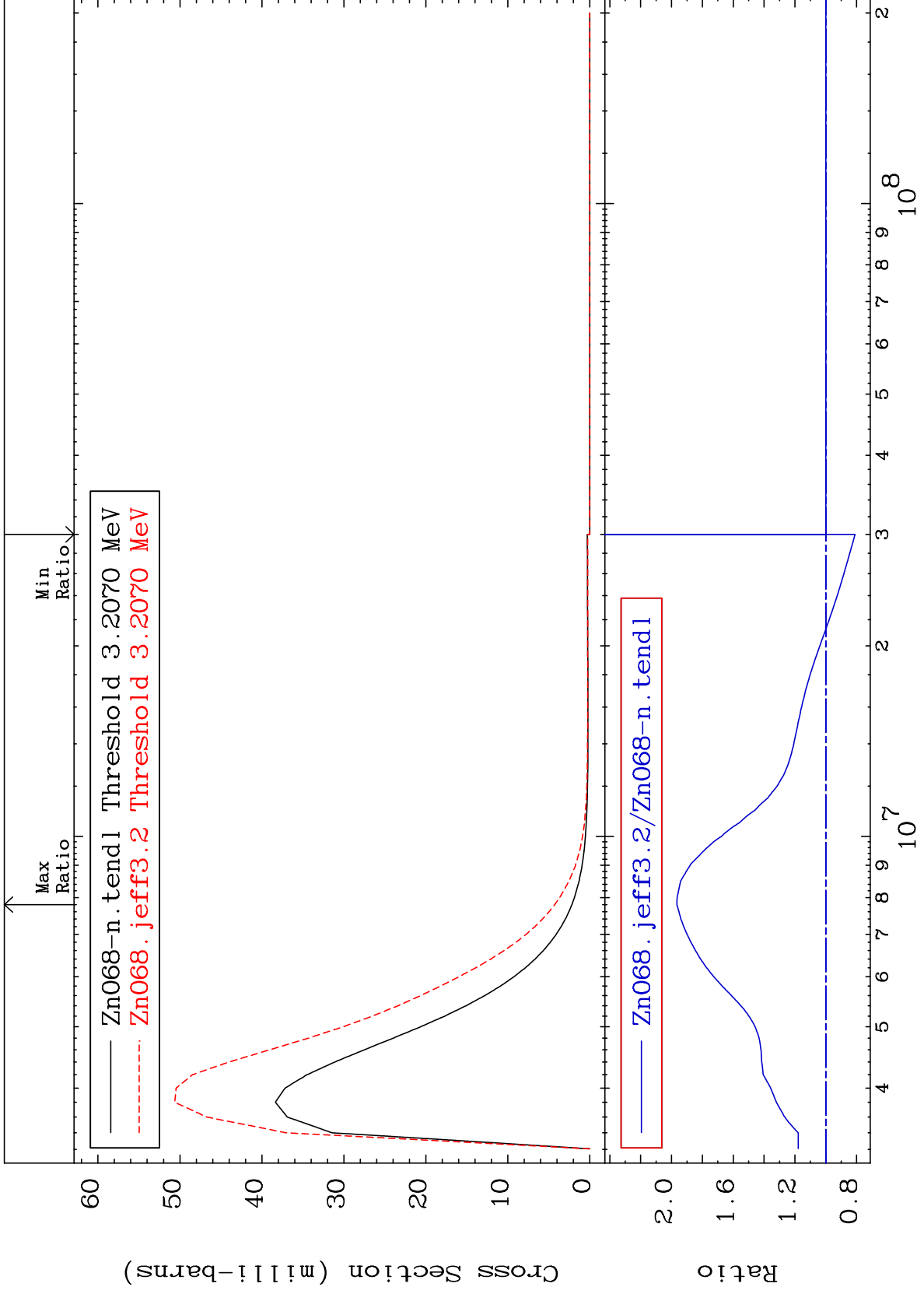
30-Zn-68

MAT 3037

3.154 MeV (n,n') Level
Cross Section

30-Zn-68
-83.34 To 37.84 %

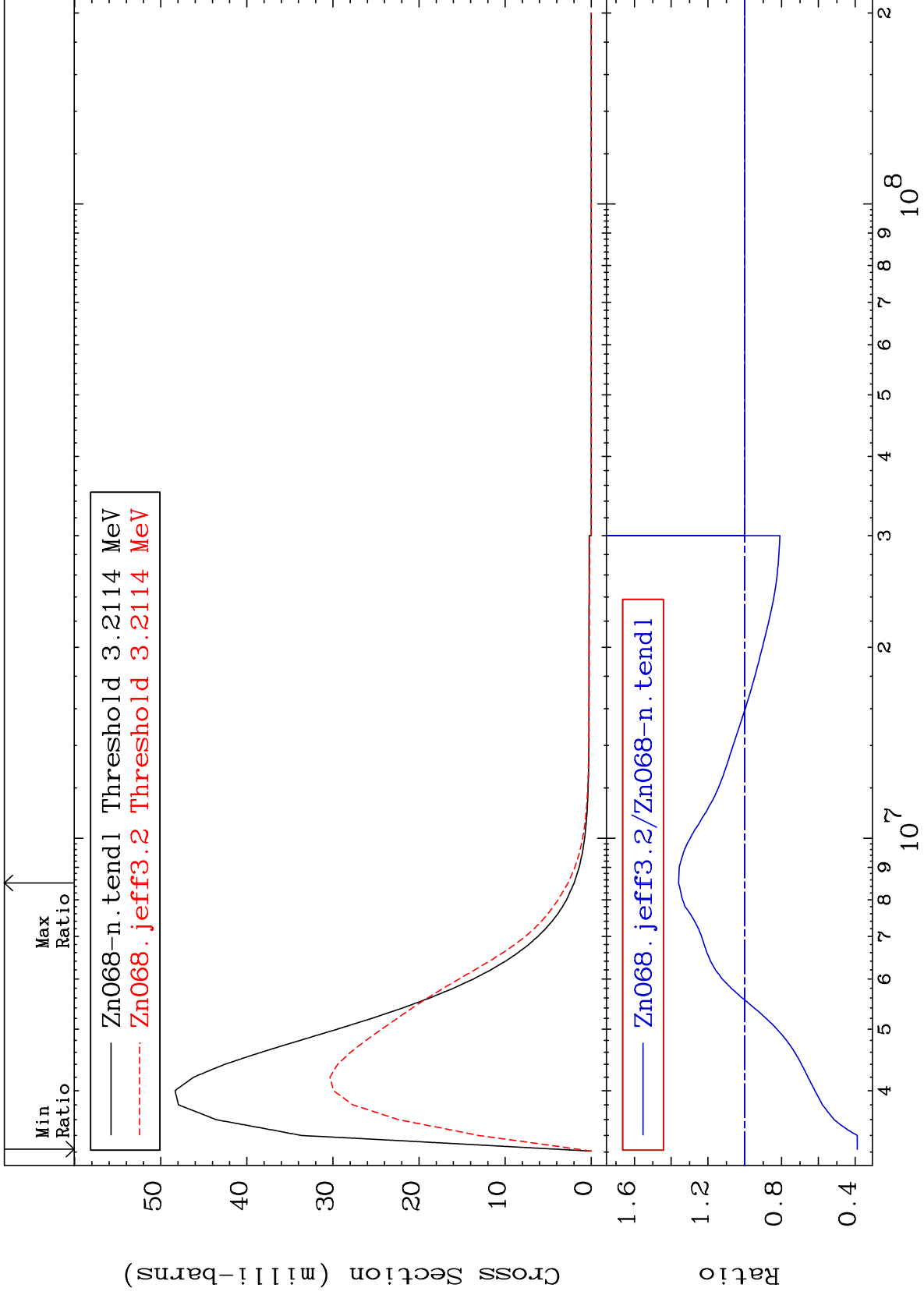


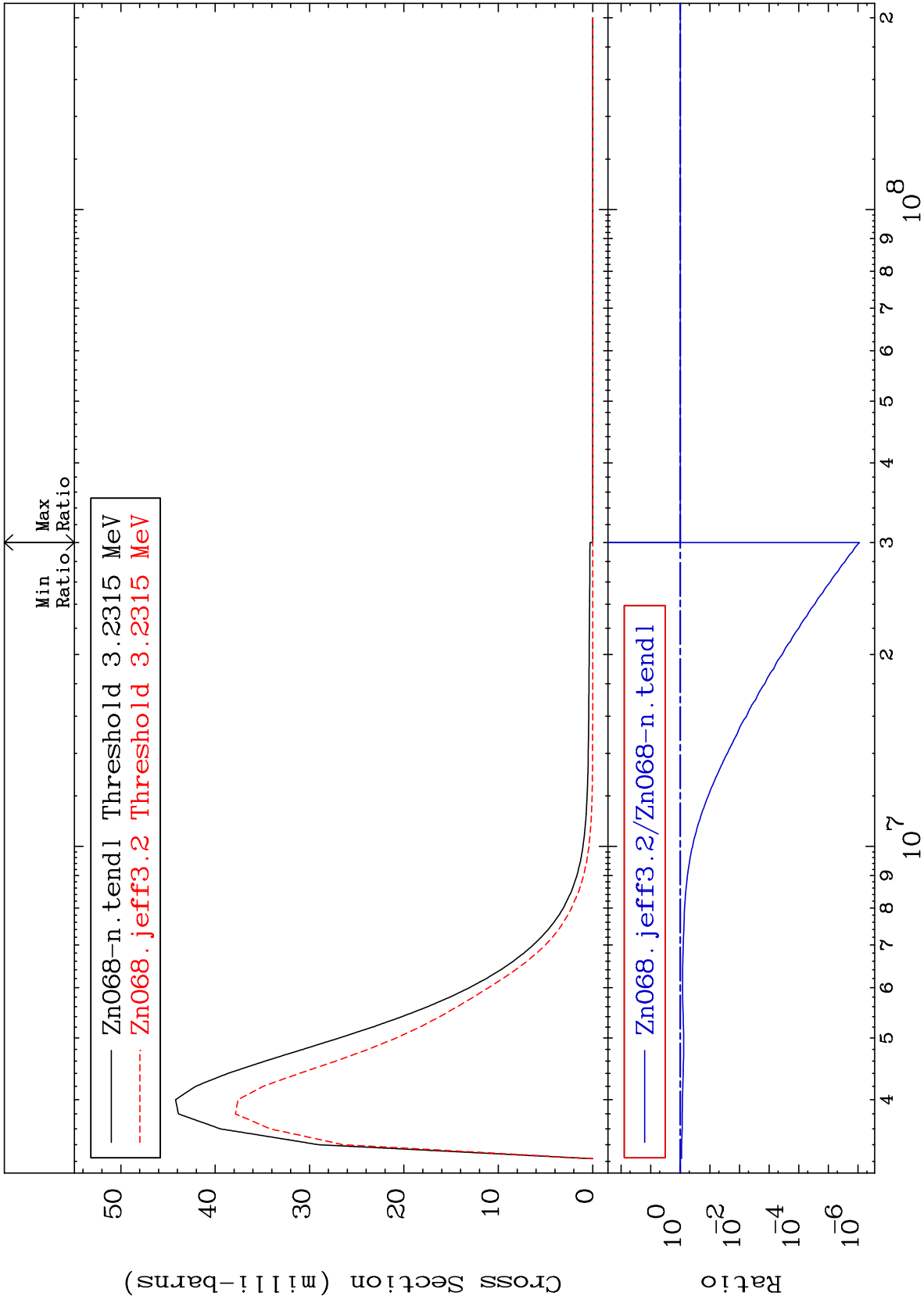


MAT 3037

3.164 MeV (n,n') Level
Cross Section

30-Zn-68
-61.12 To 35.96 %

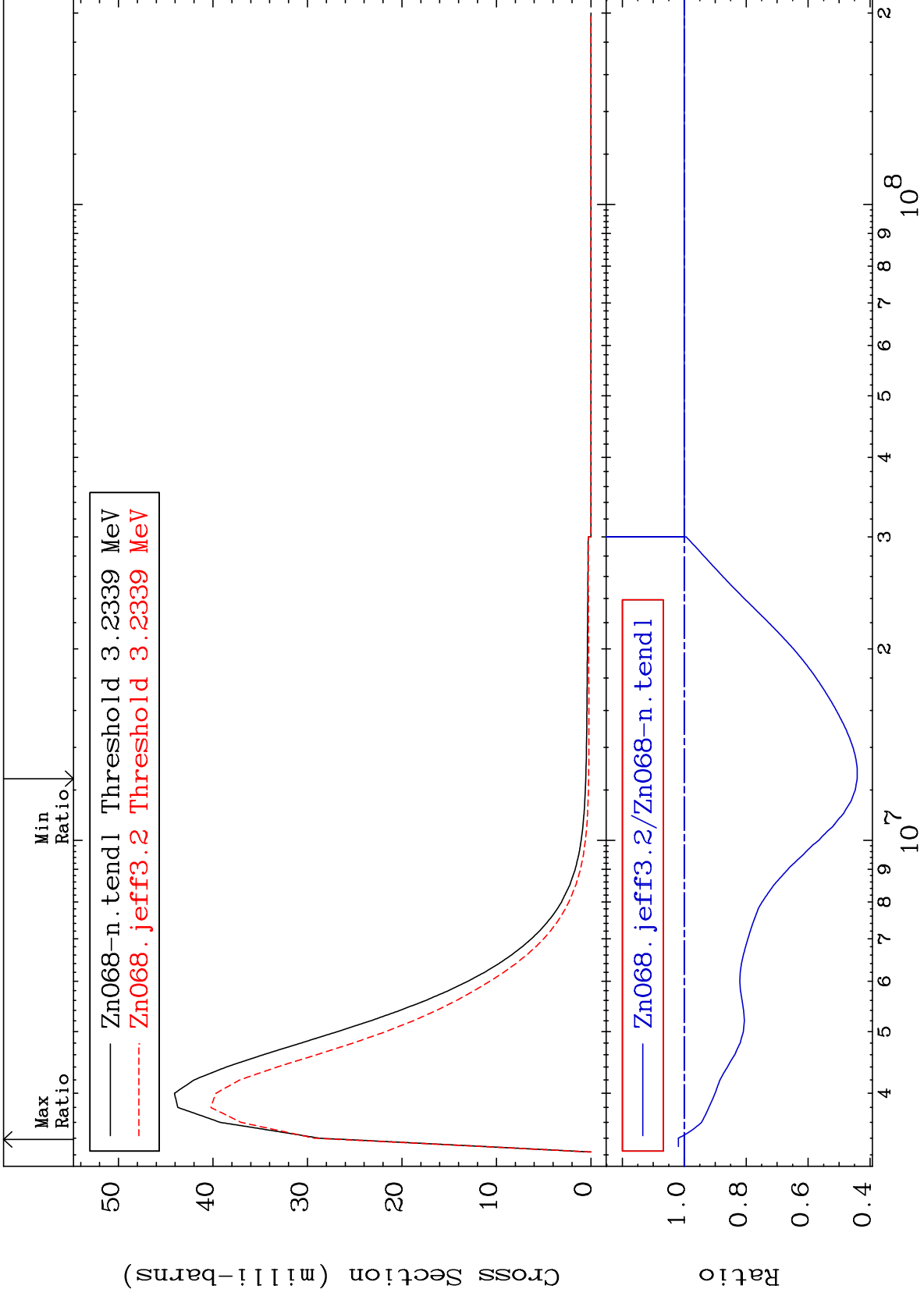




MAT 3037

3.187 MeV (n,n') Level
Cross Section

30-Zn-68
-55.85 To 1.877 %



37

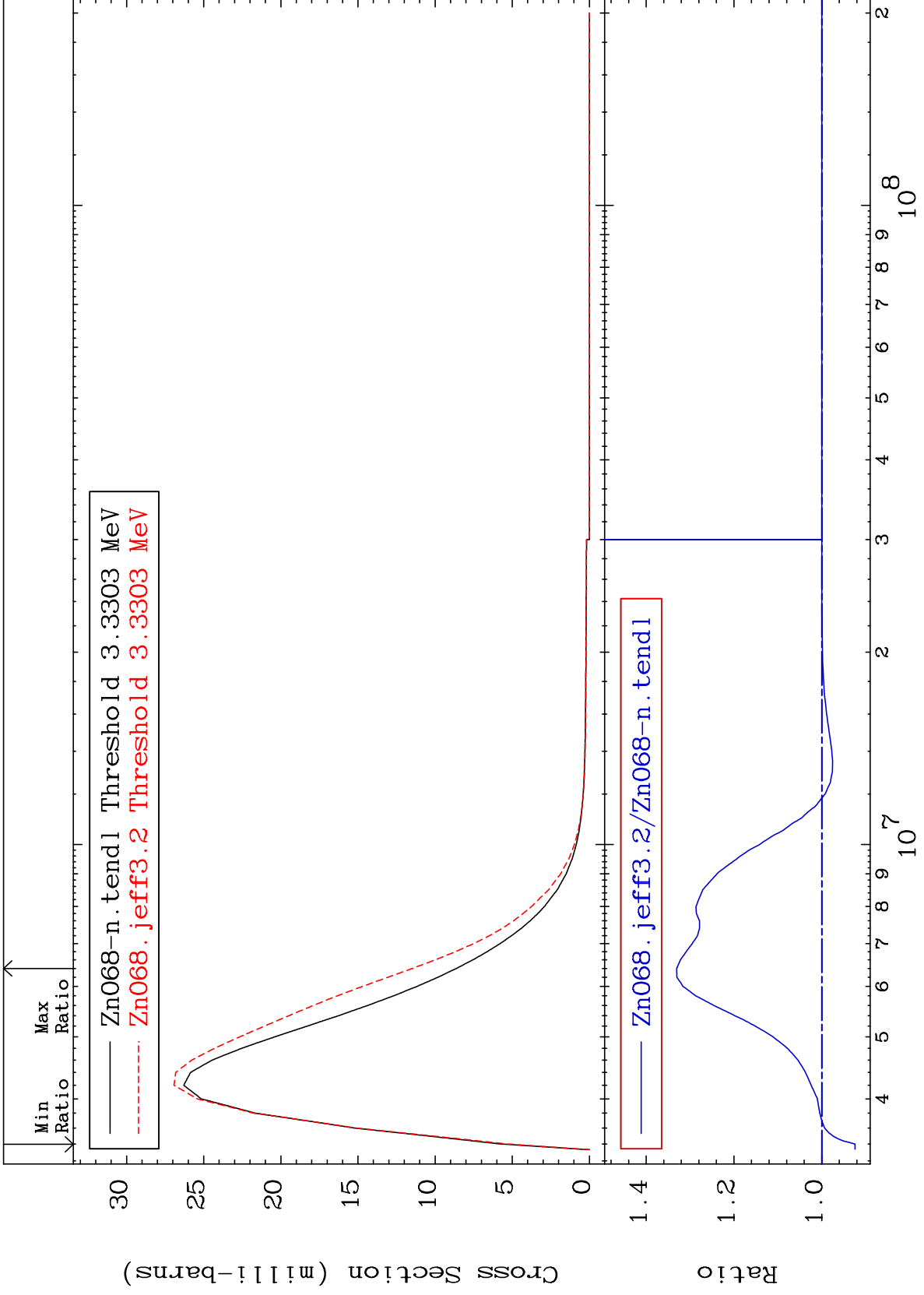
Incident Energy (eV)

30-Zn-68

MAT 3037

3.282 MeV (n,n') Level
Cross Section

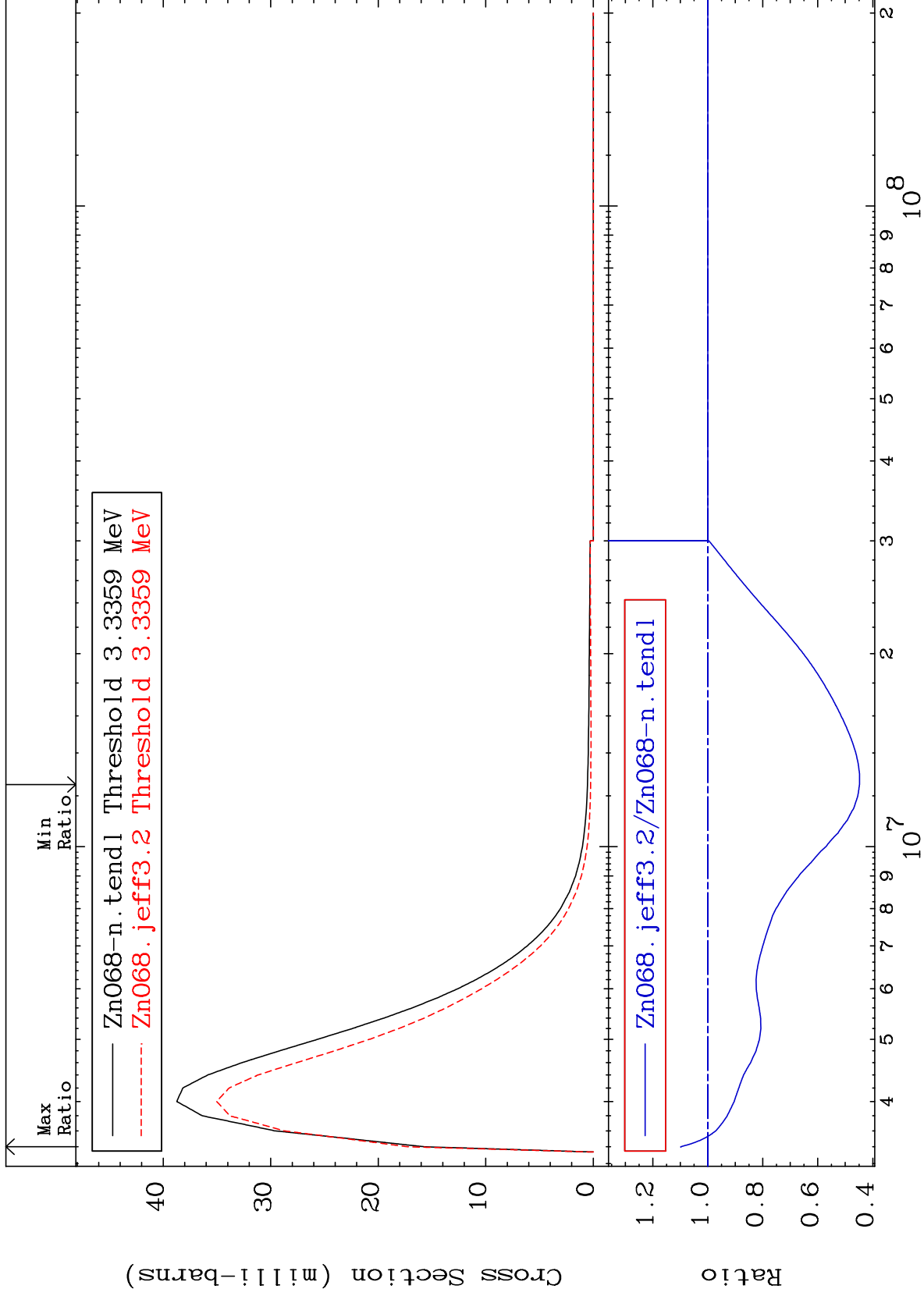
30-Zn-68
-7.582 To 33.04 %



MAT 3037

3.287 MeV (n,n') Level
Cross Section

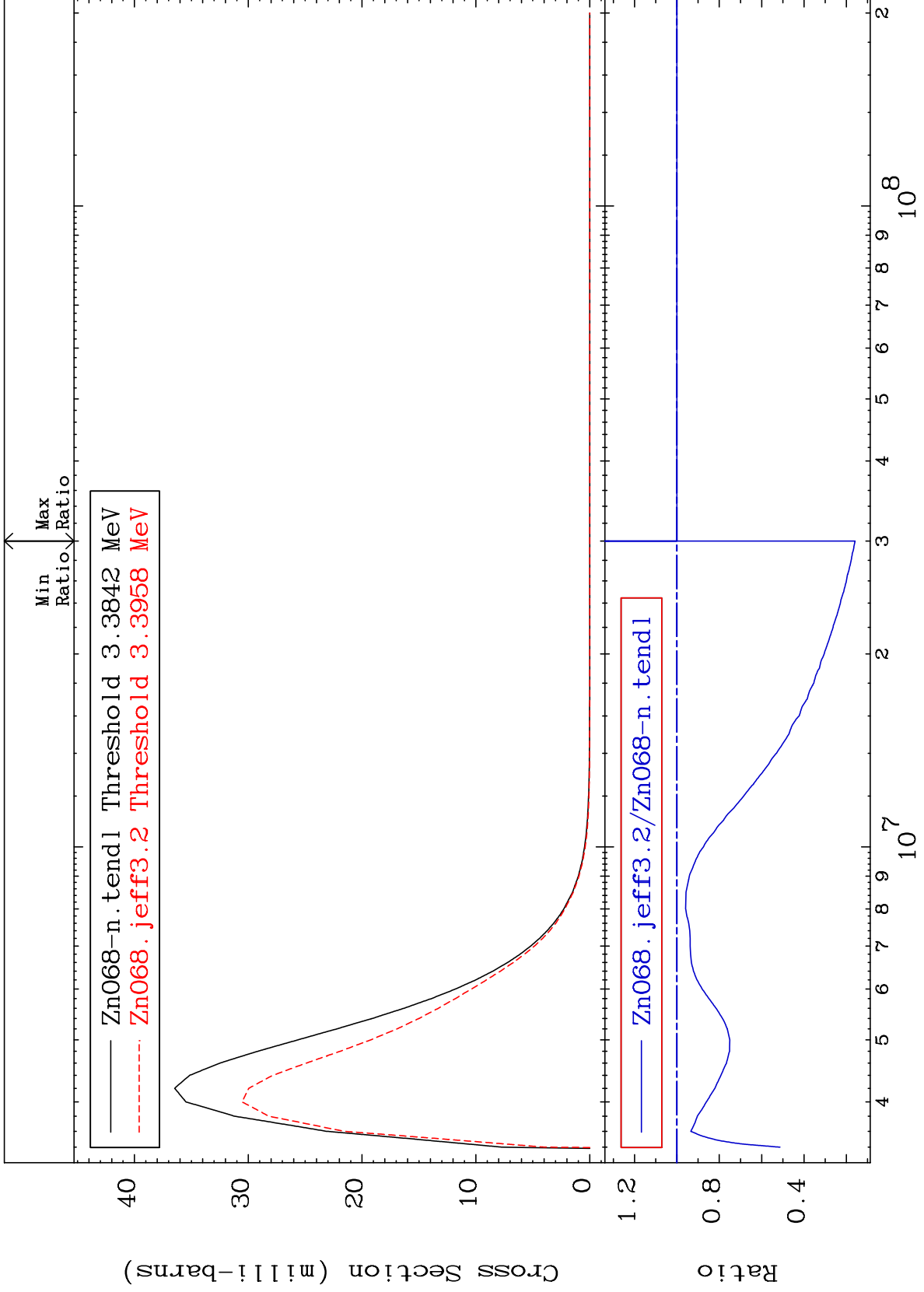
30-Zn-68
-55.19 To 9.825 %



MAT 3037

3.335 MeV (n,n') Level
Cross Section

30-Zn-68
-84.08 To 0.000 %



40

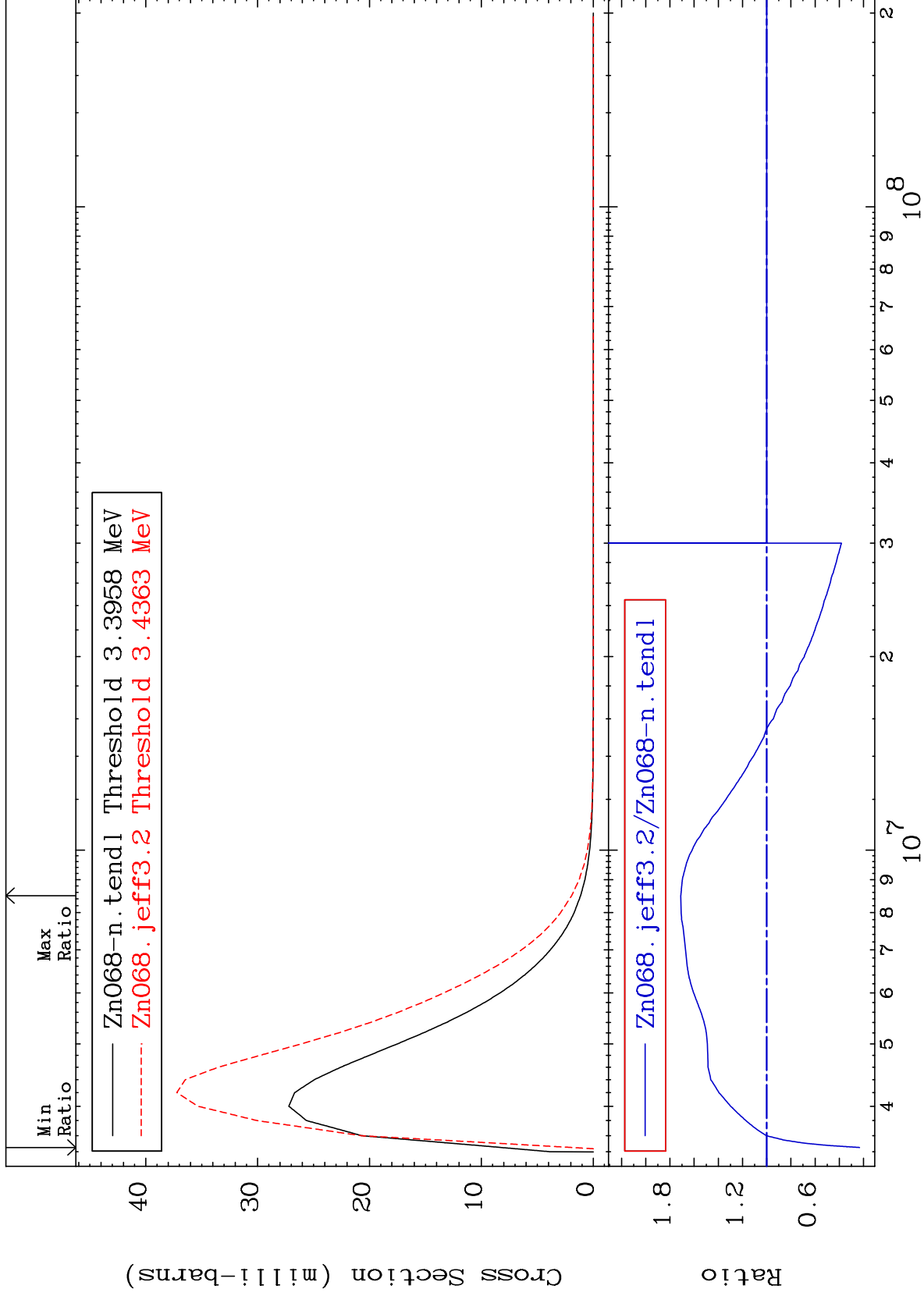
Incident Energy (eV)

30-Zn-68

MAT 3037

3.346 MeV (n,n') Level
Cross Section

30-Zn-68
-76.72 To 71.04 %

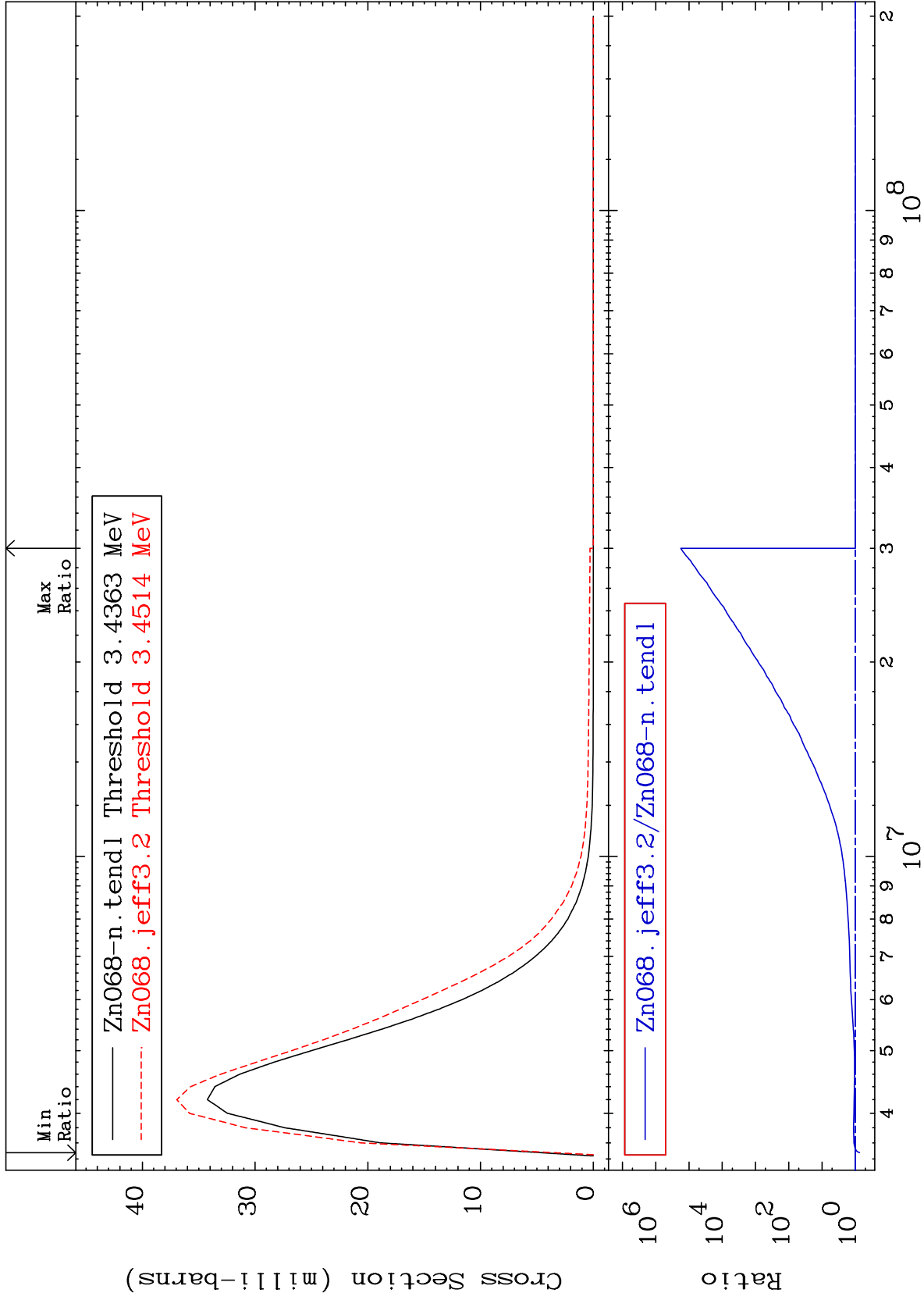


MAT 3037

3.386 MeV (n,n') Level

30-Zn-68

-25.55 To 9999. %



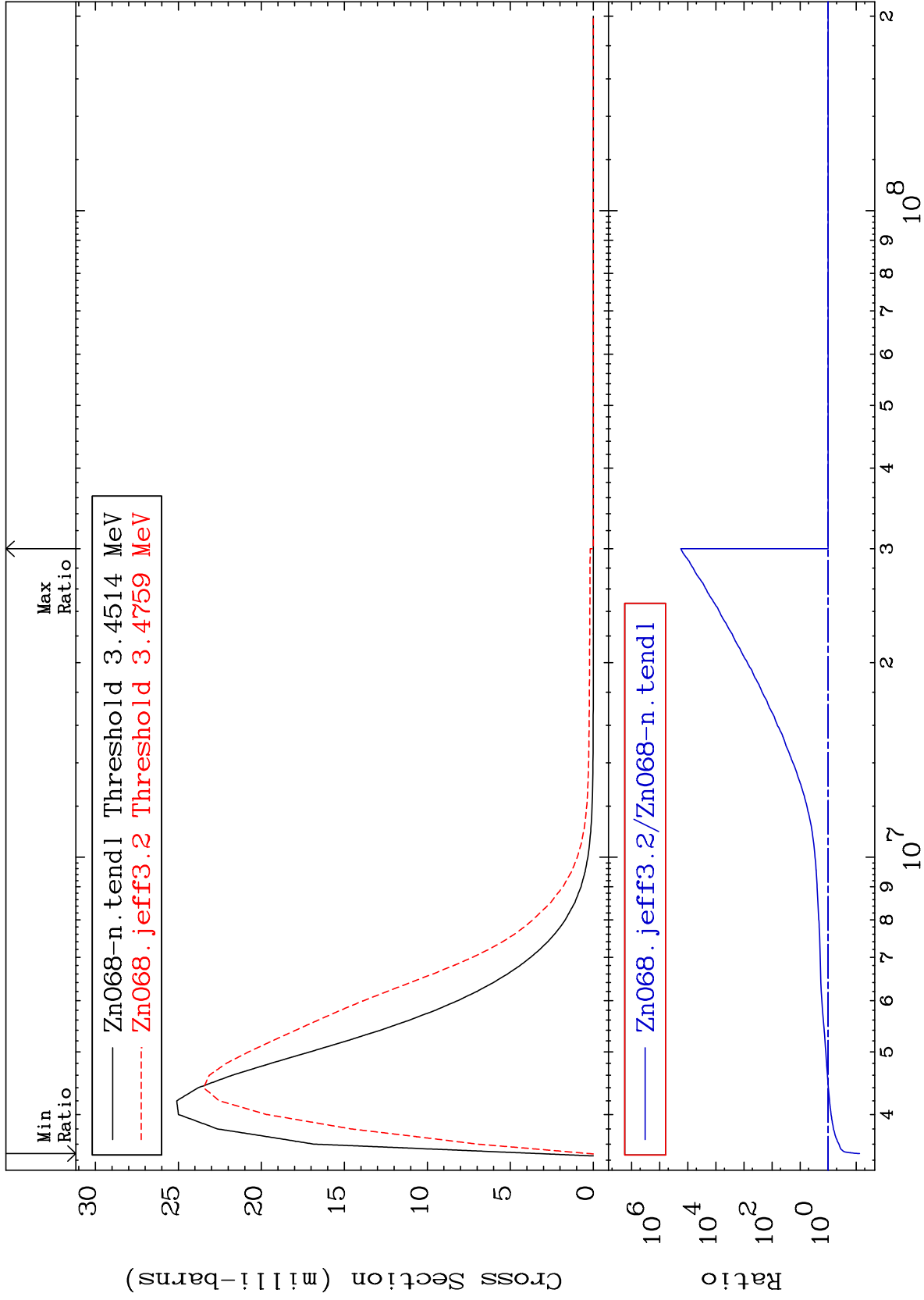
MAT 3037

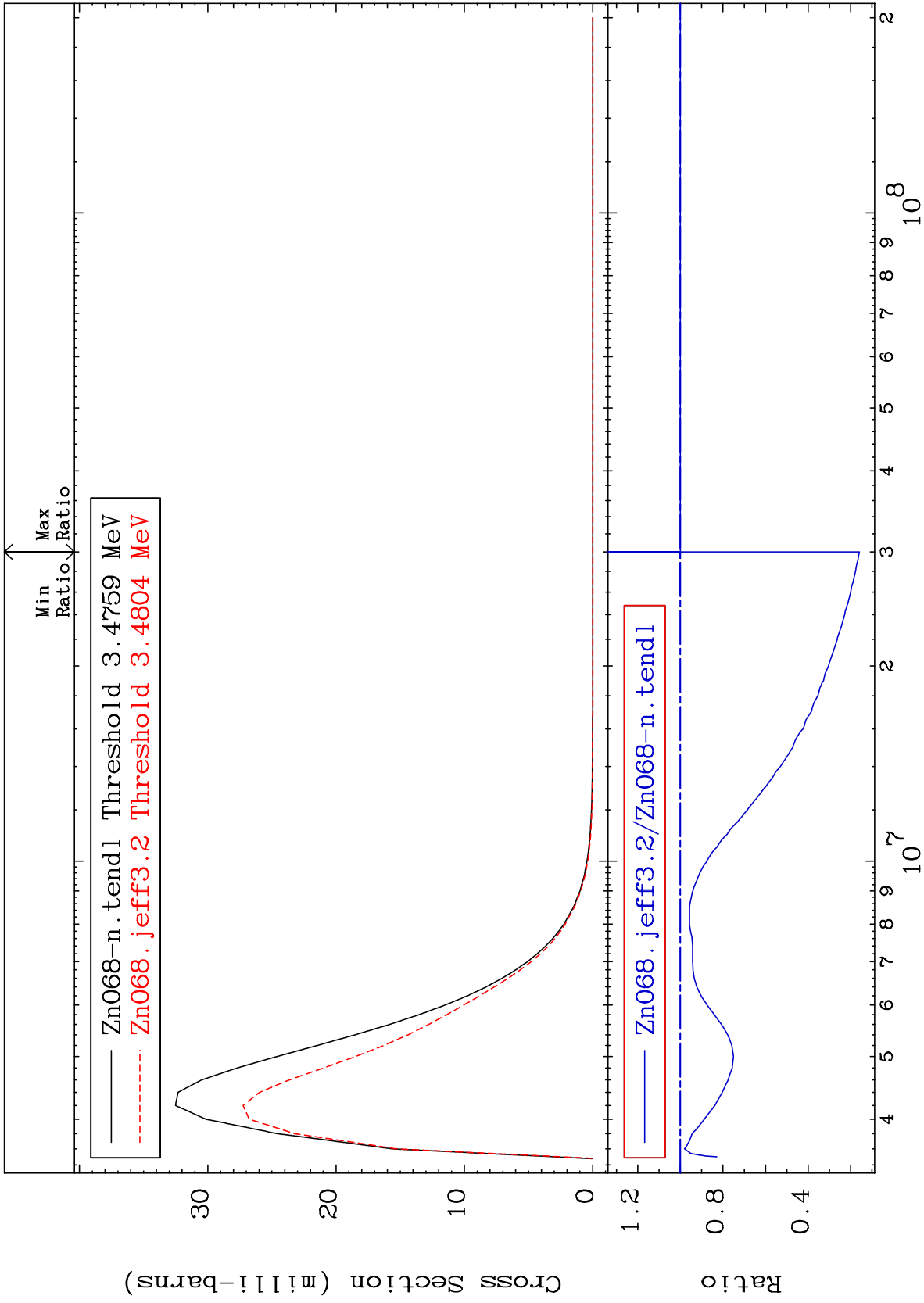
3.401 MeV (n,n') Level

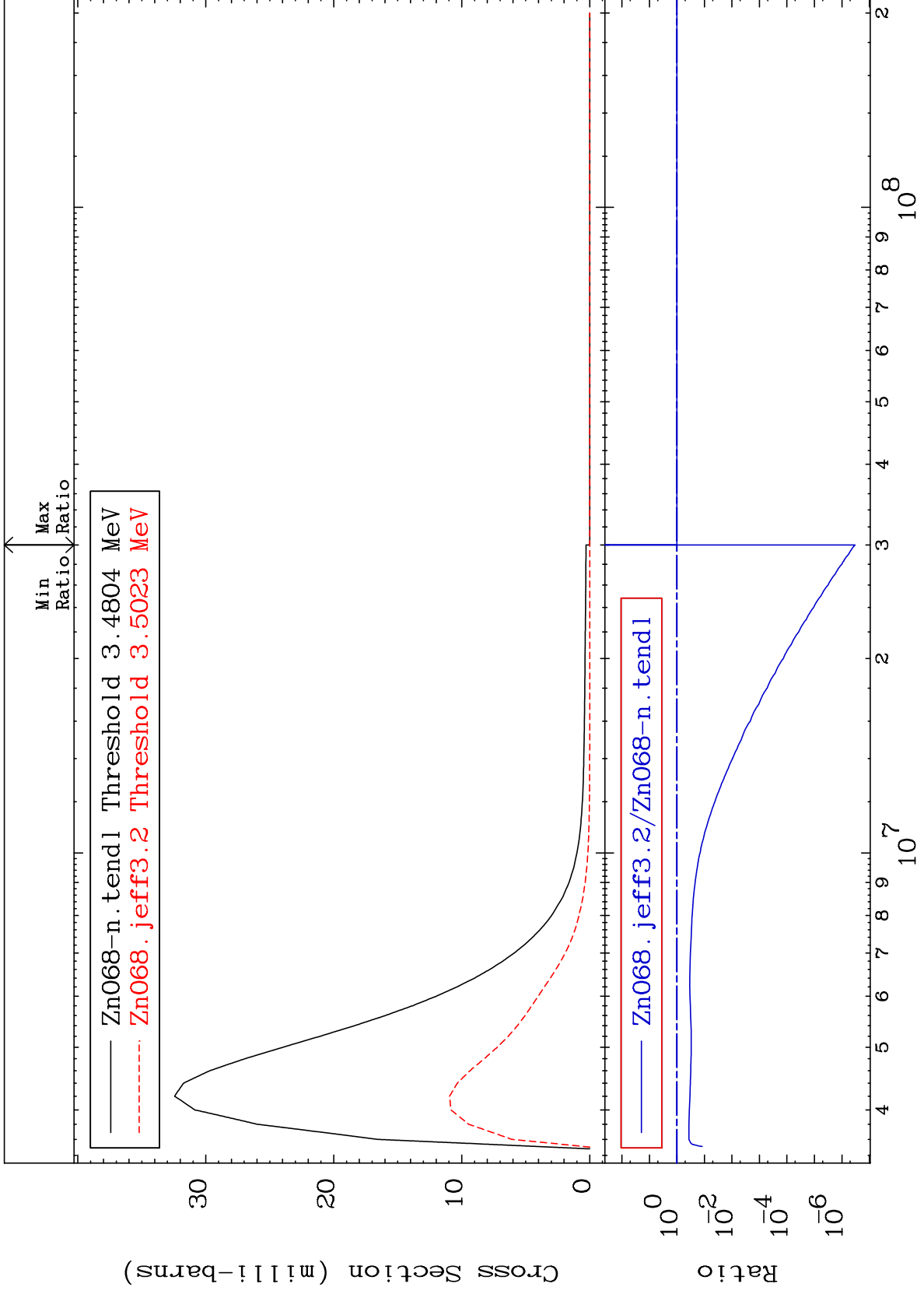
30-Zn-68

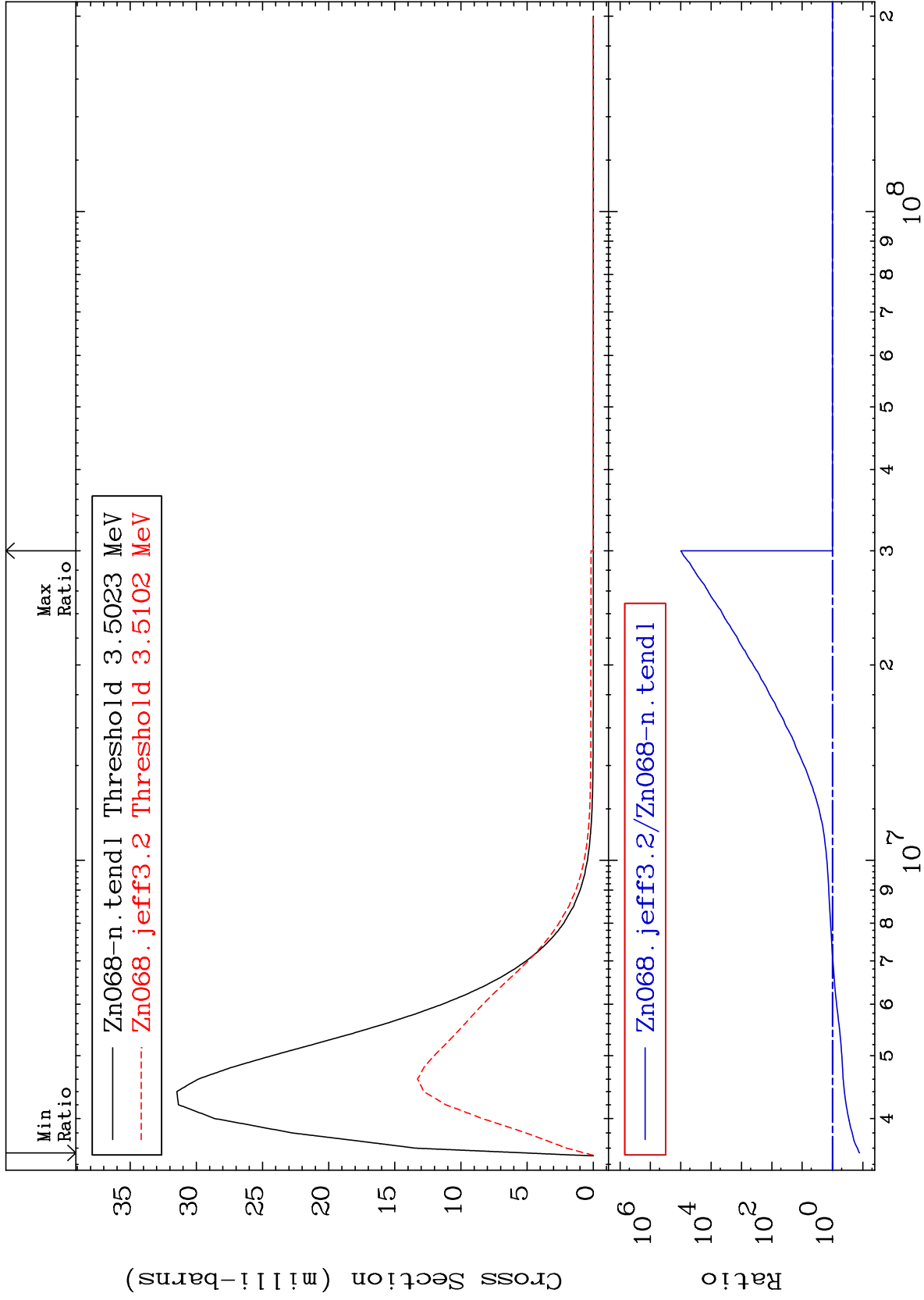
-92.36 To 9999. %

Cross Section





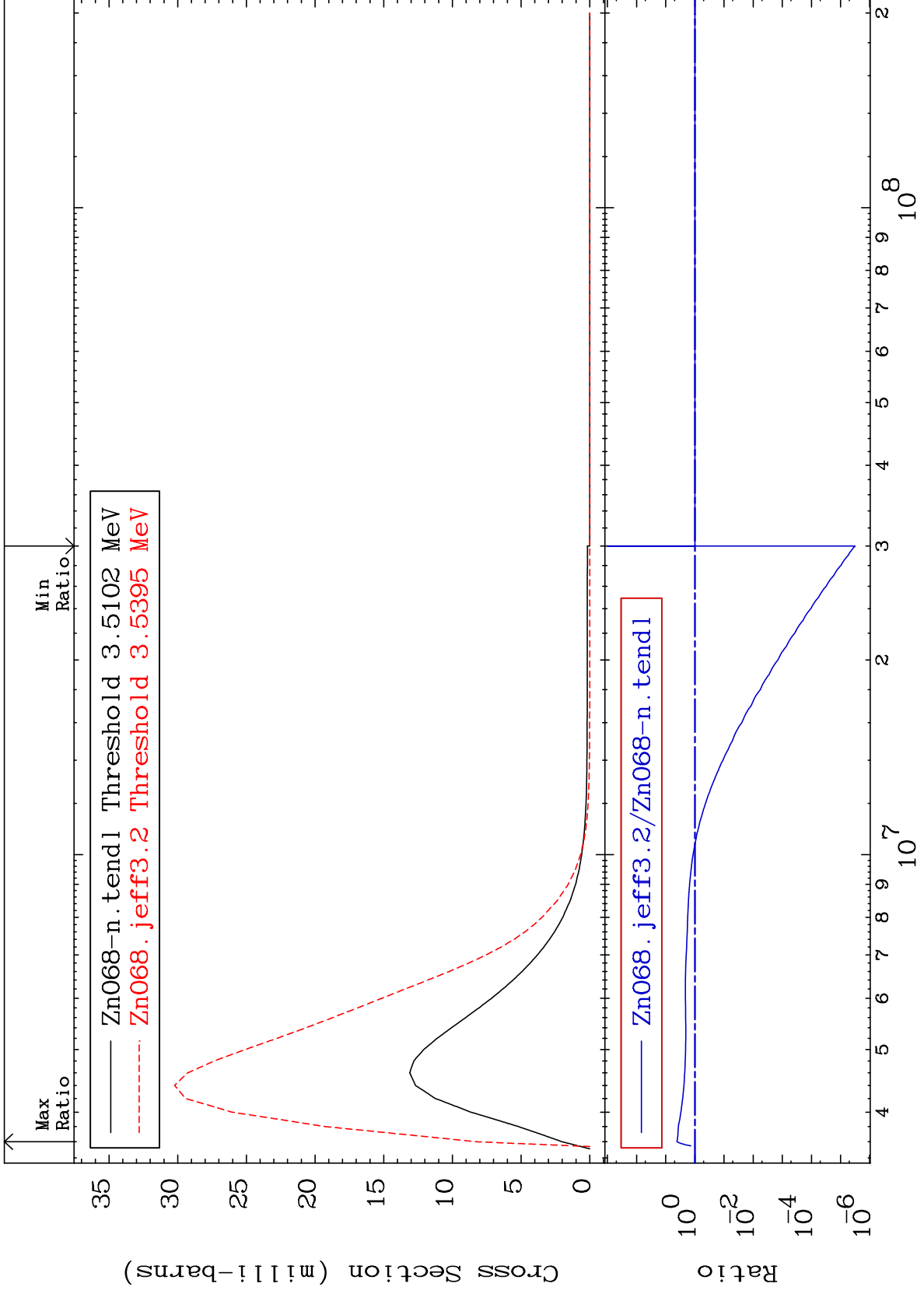




MAT 3037

3.459 MeV (n,n') Level
Cross Section

30-Zn-68
-100.0 To 312.7 %



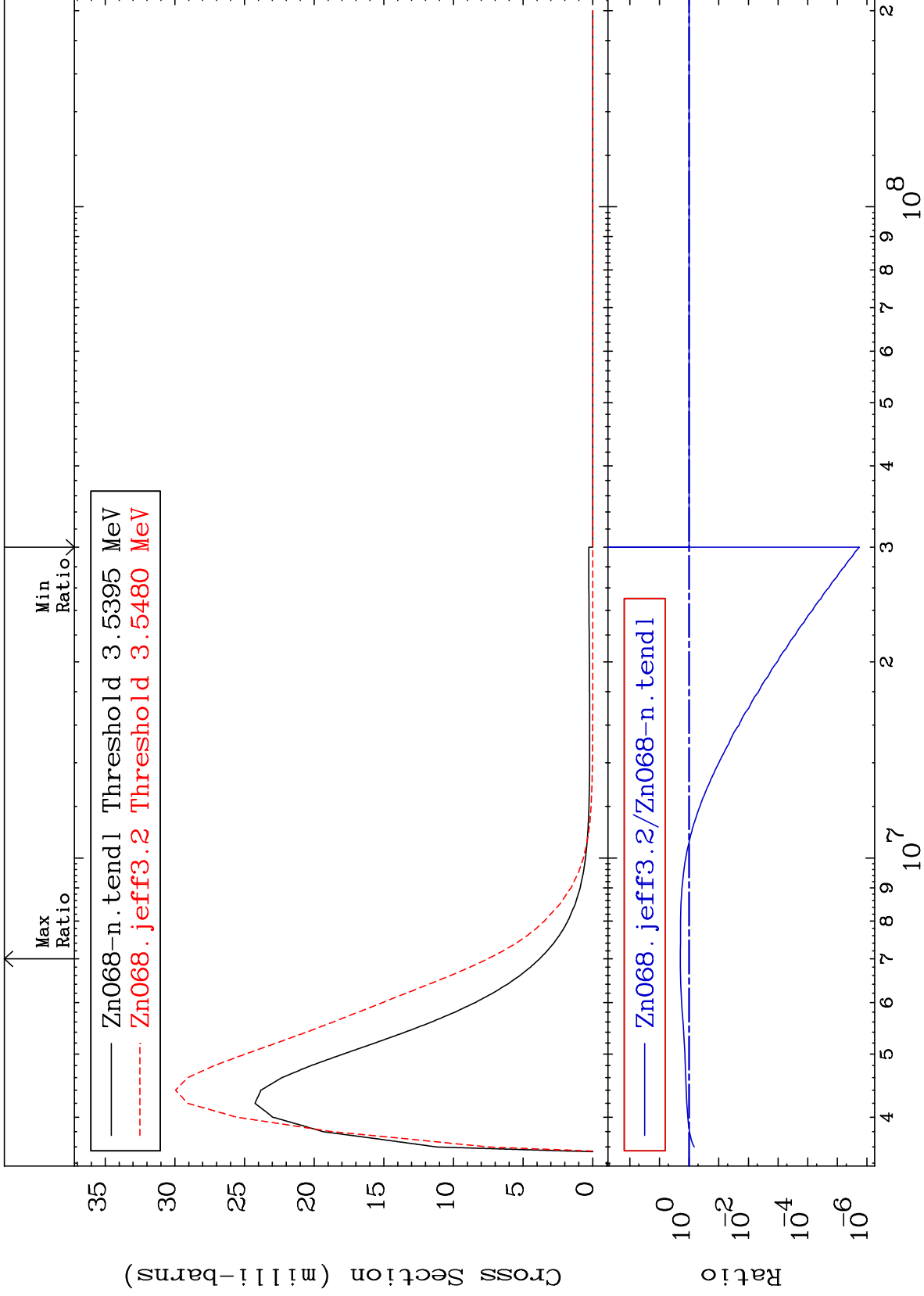
MAT 3037

3.488 MeV (n,n') Level

30-Zn-68

-100.0 To 97.35 %

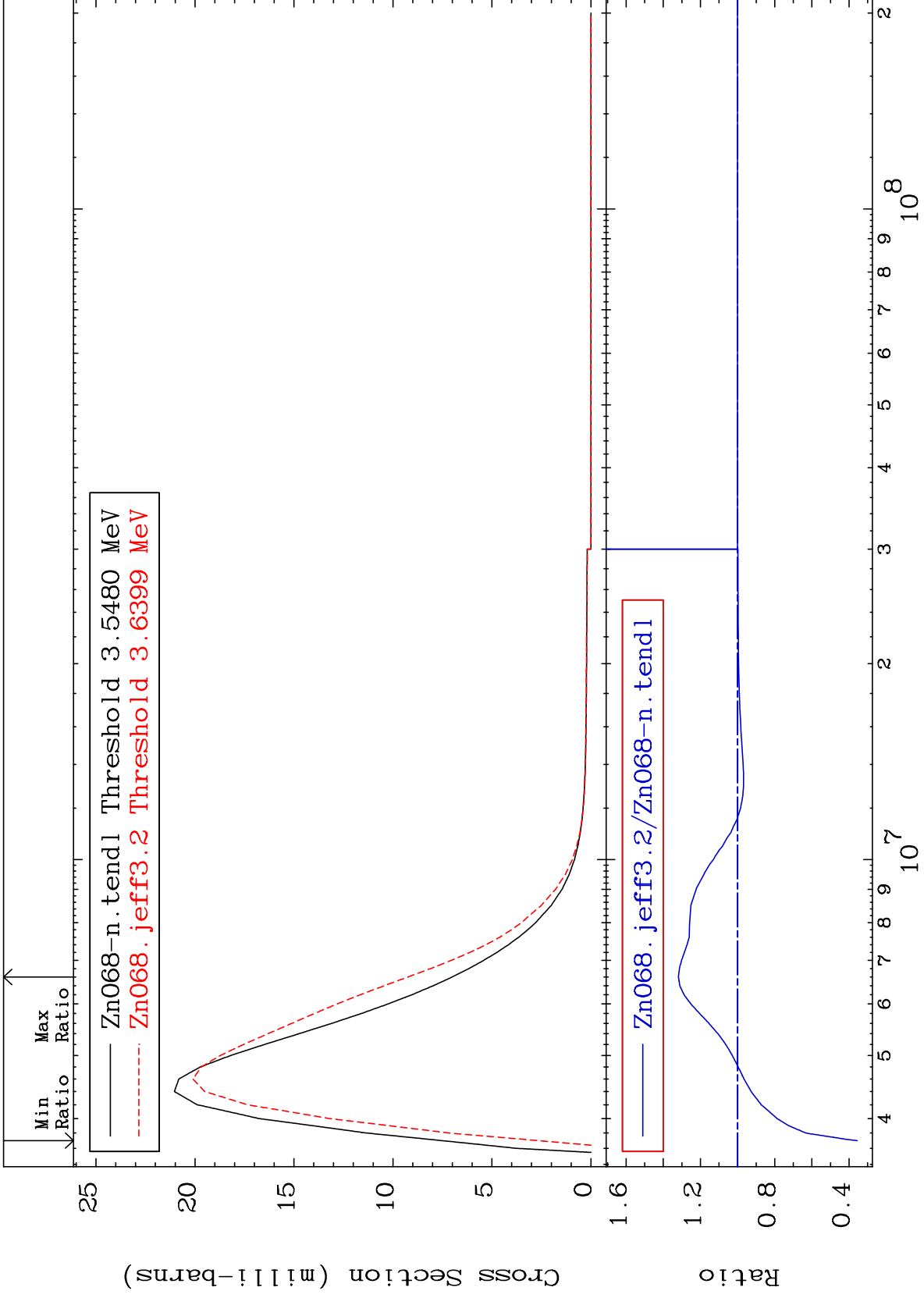
Cross Section

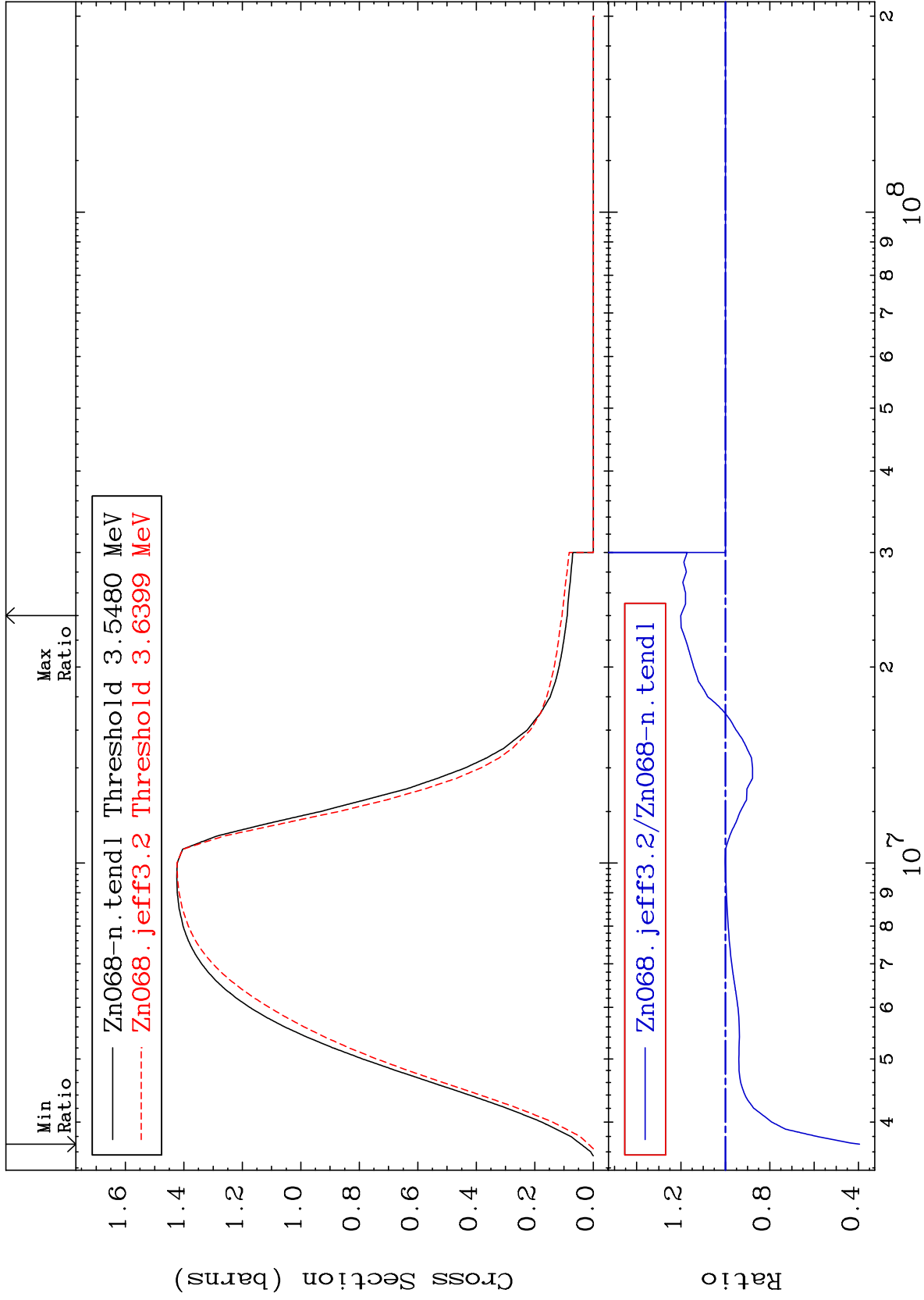


MAT 3037

3.496 MeV (n,n') Level
Cross Section

30-Zn-68
-64.37 To 31.85 %

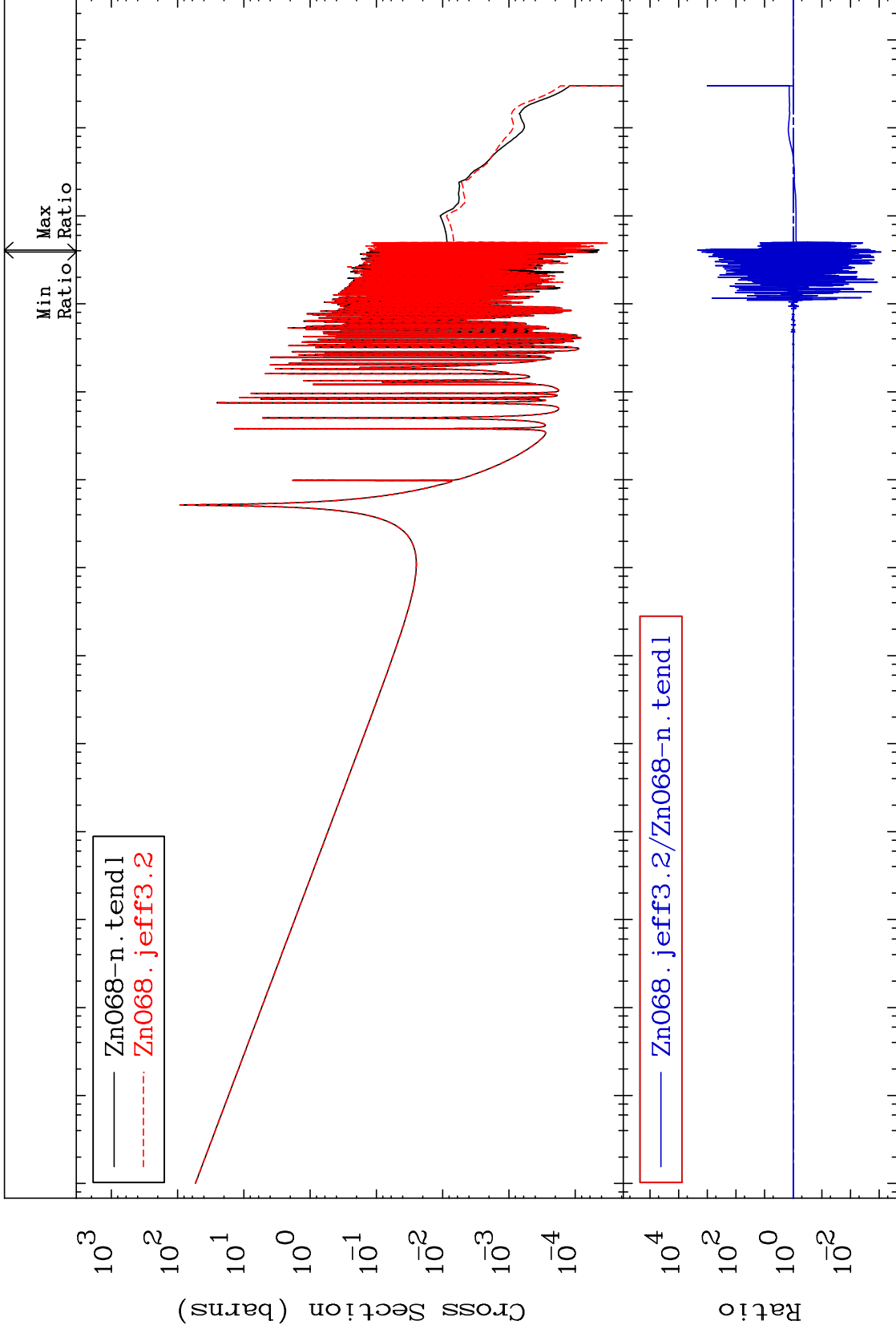




MAT 3037

(n, γ)
Cross Section

30-Zn-68
-99.91 To 9999. %



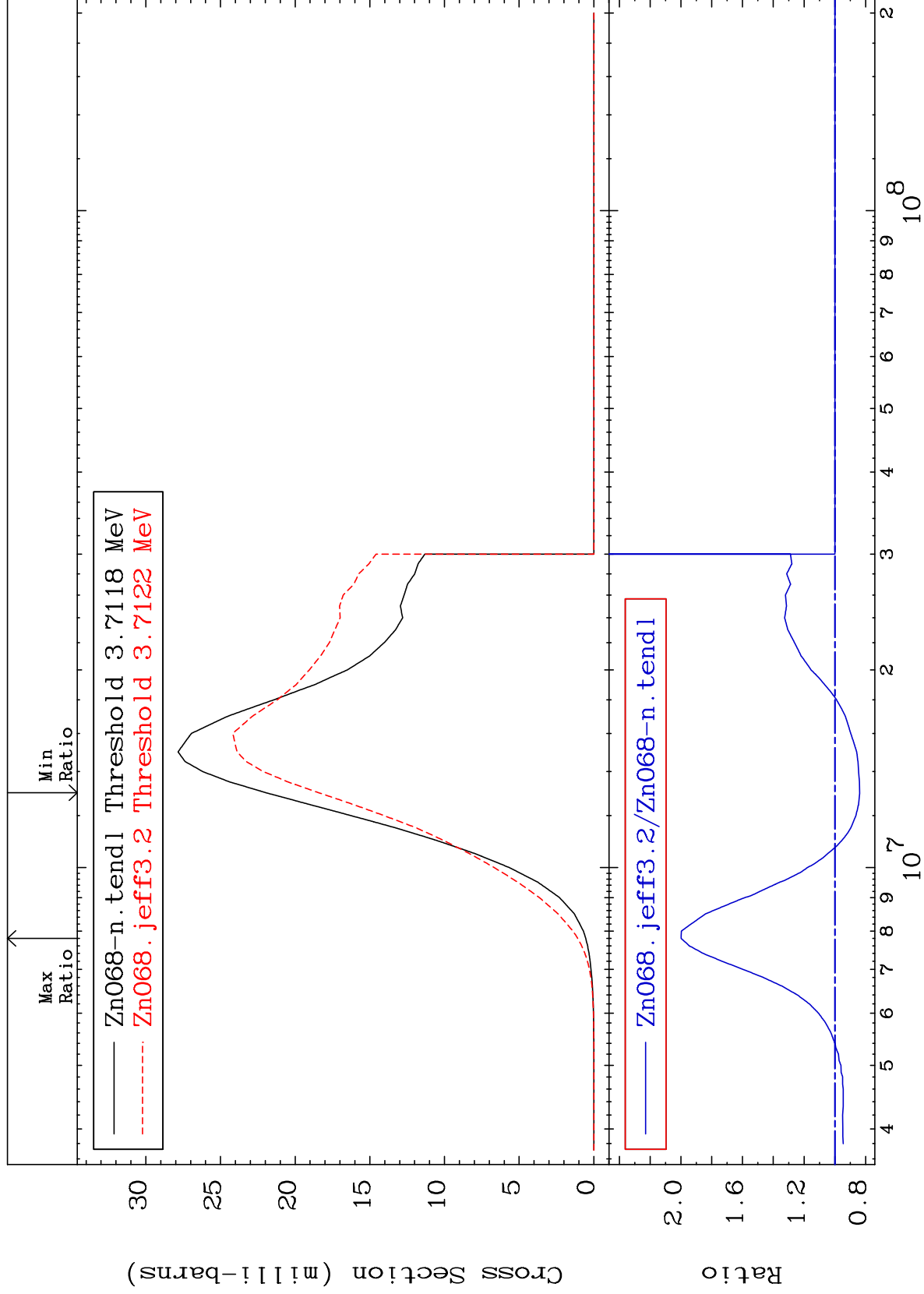
MAT 3037

(n,p)

30-Zn-68

Cross Section

-16.09 To 99.84 %



52

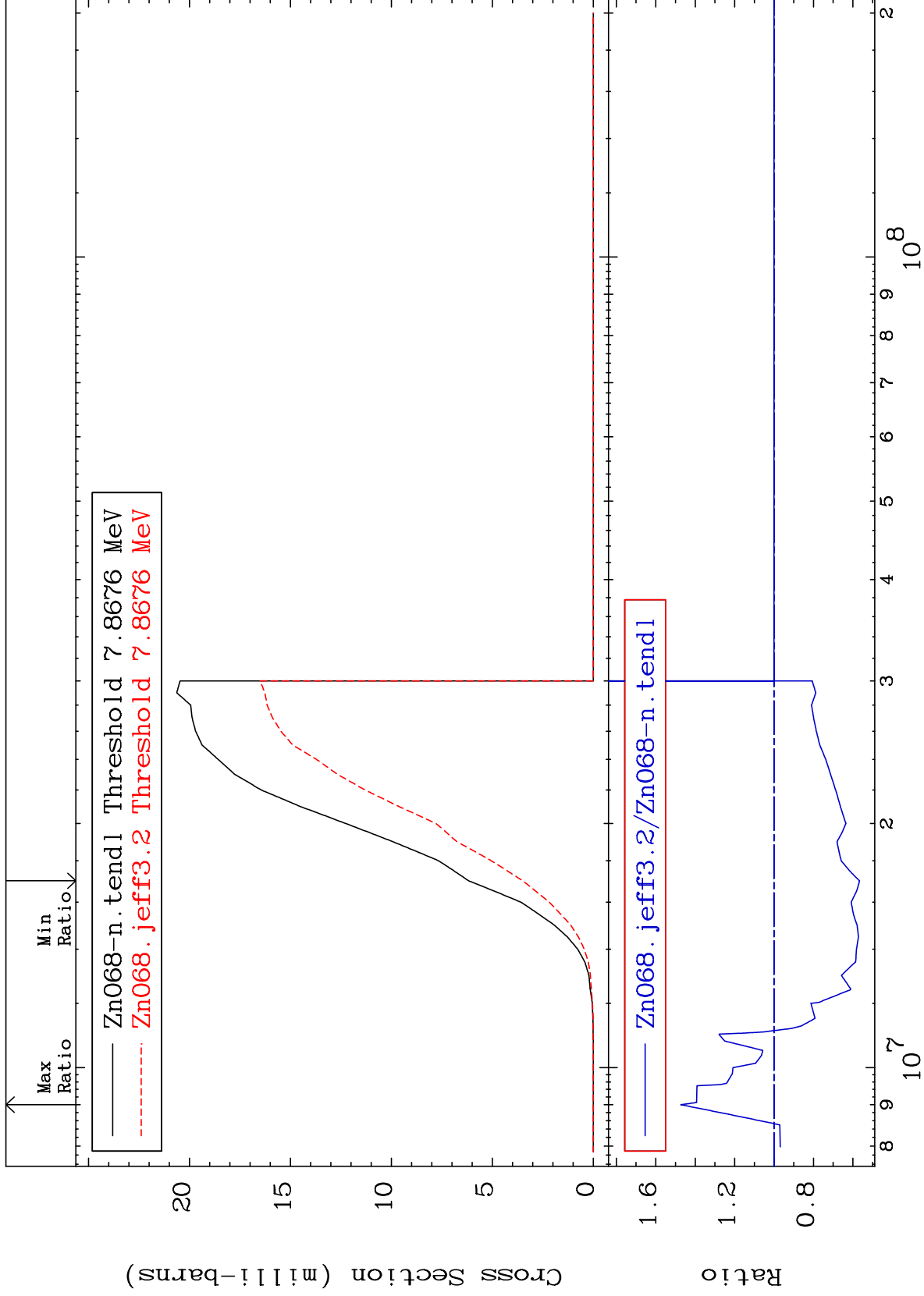
Incident Energy (eV)

30-Zn-68

MAT 3037

(n, d)
Cross Section

30-Zn-68
-43.37 To 47.32 %



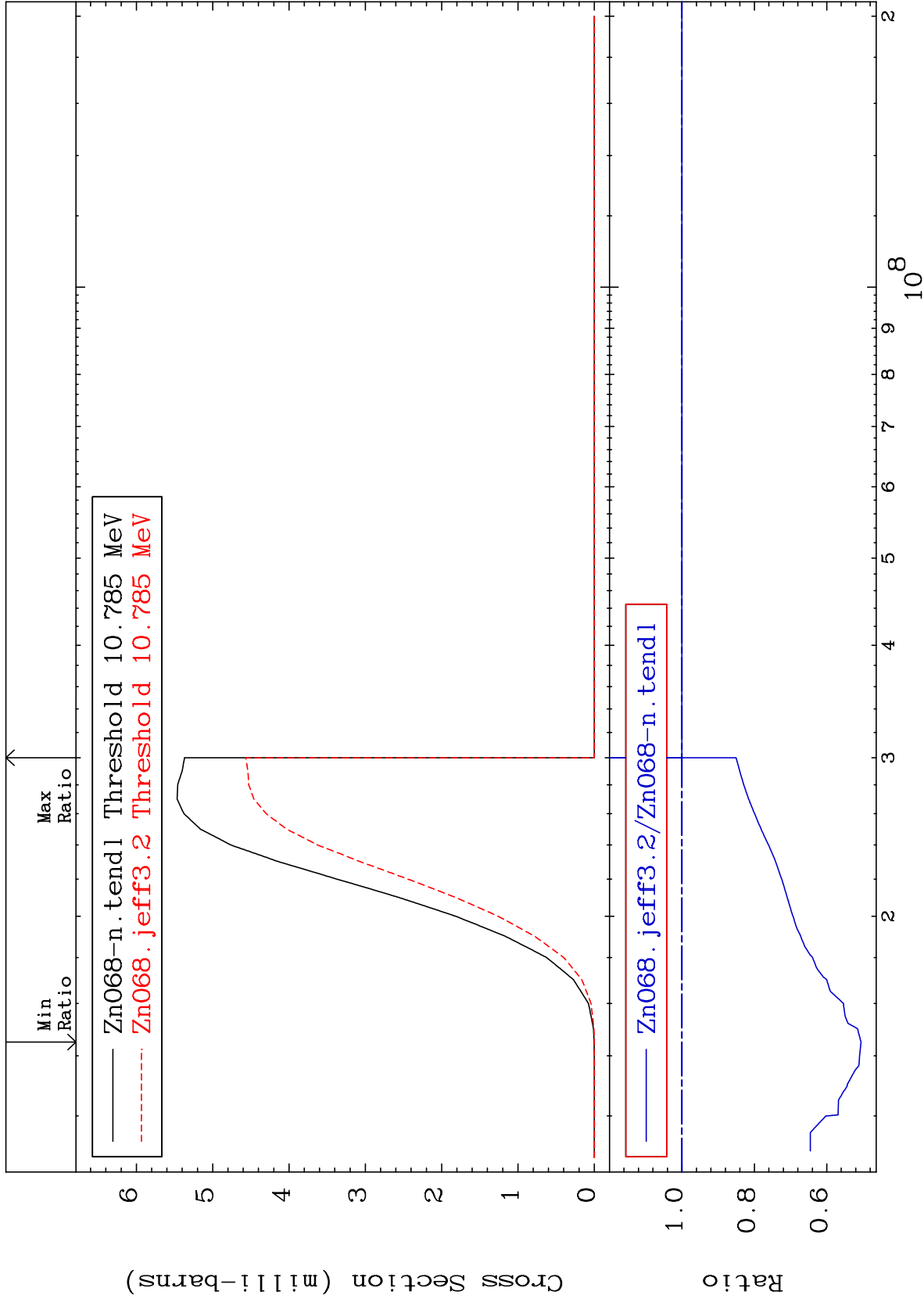
MAT 3037

(n, t)

30-Zn-68

Cross Section

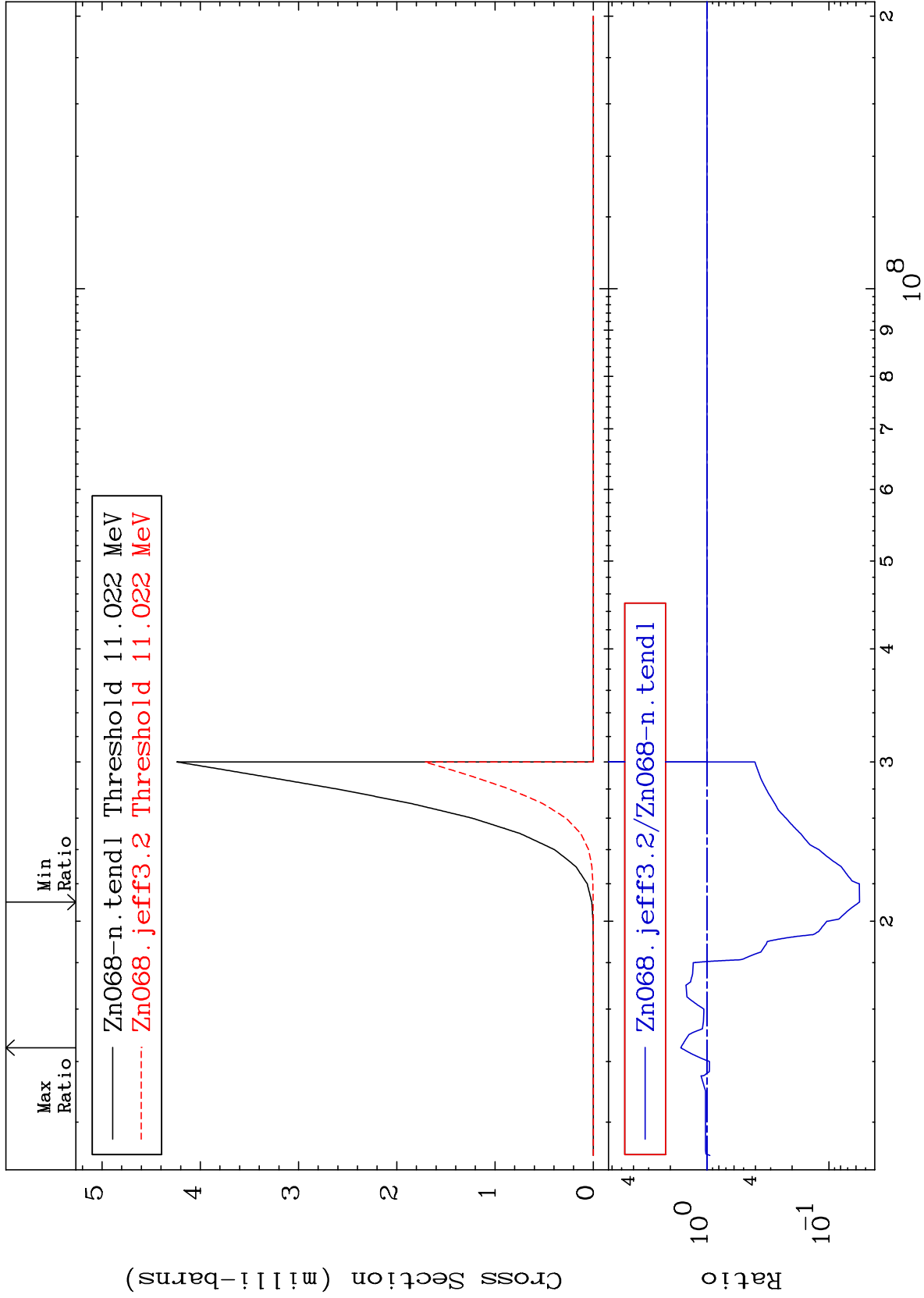
-49.44 To 0.000 %

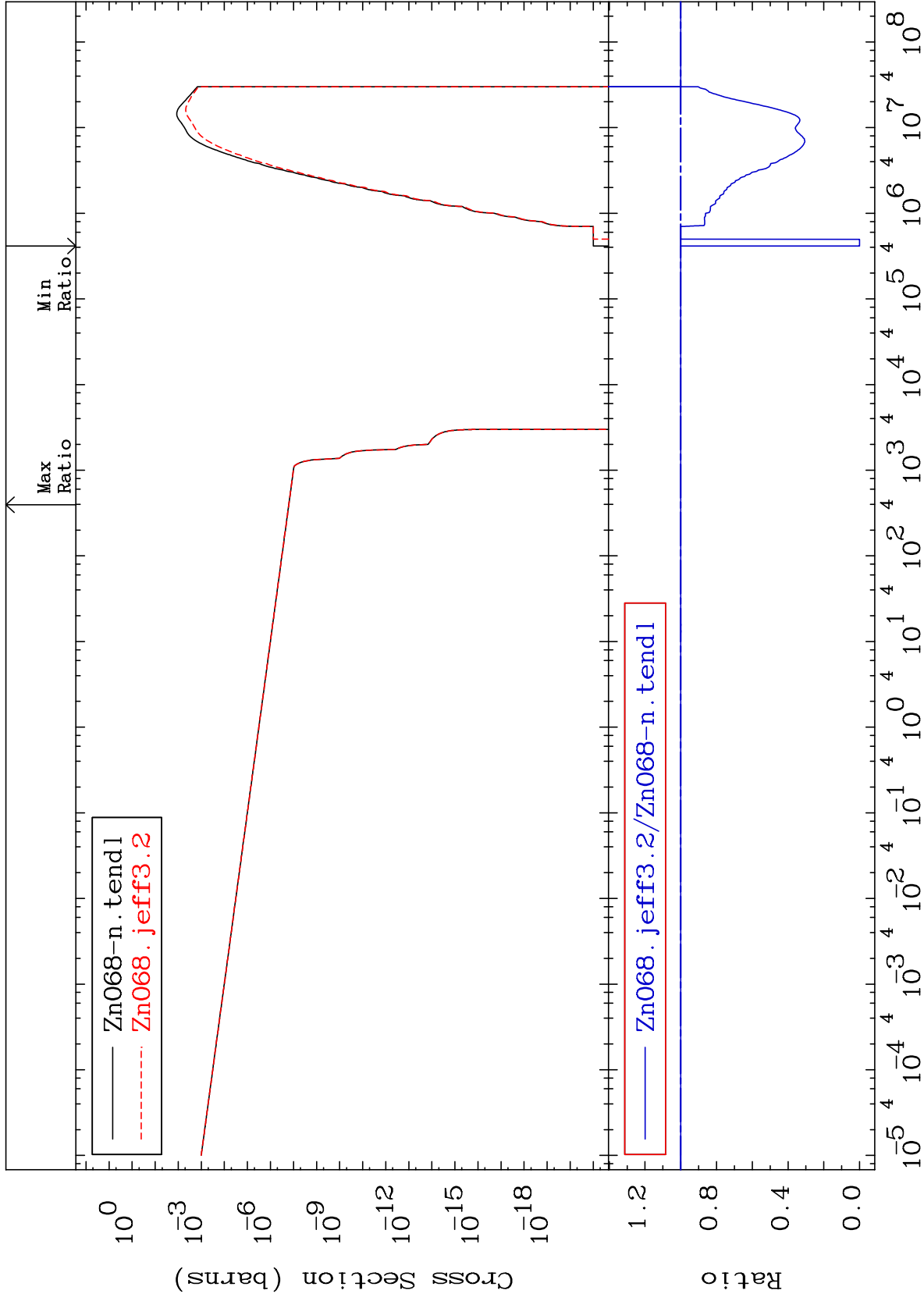


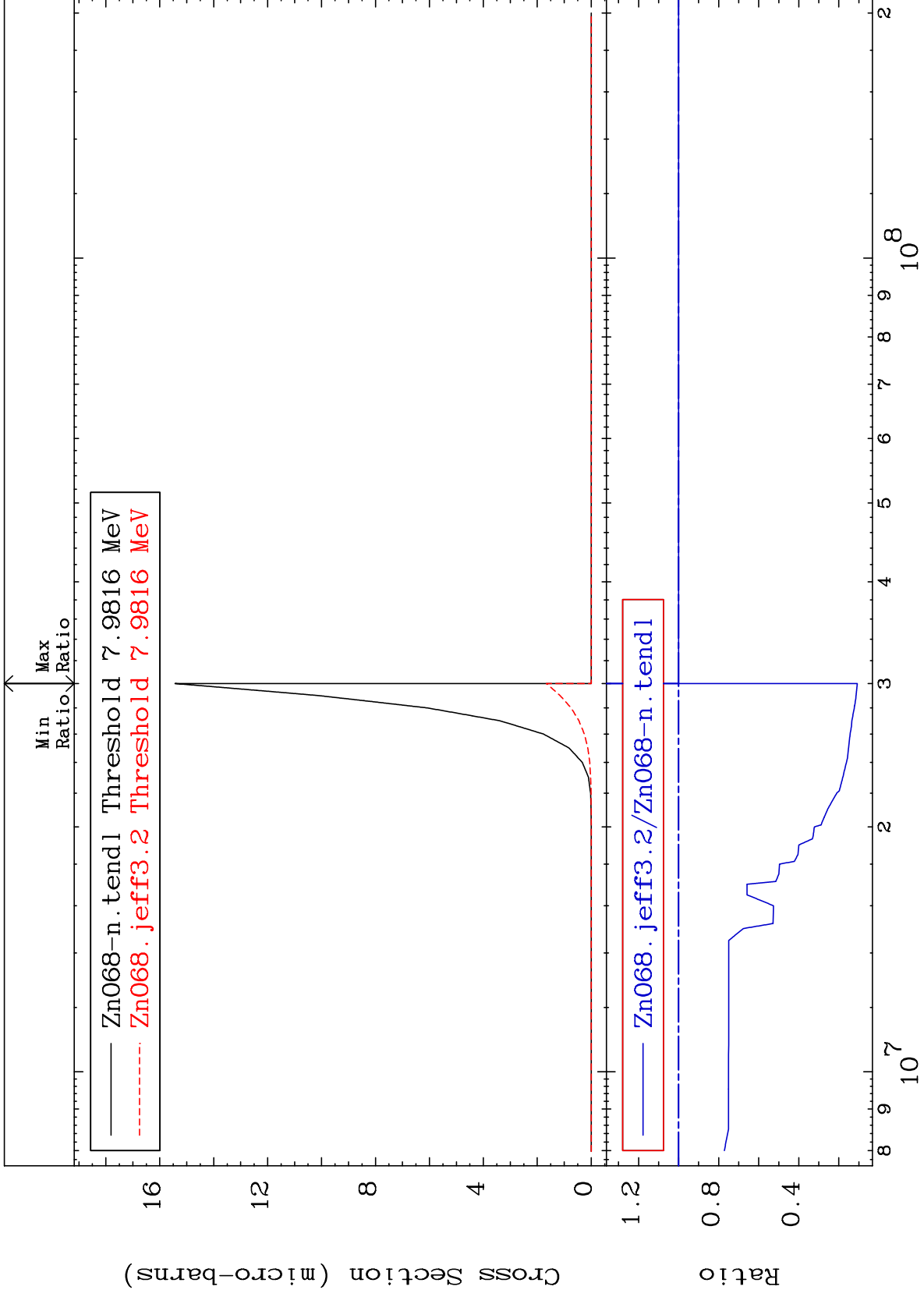
MAT 3037

(n, He-3)
Cross Section

30-Zn-68
-94.40 To 63.91 %







MAT 3037

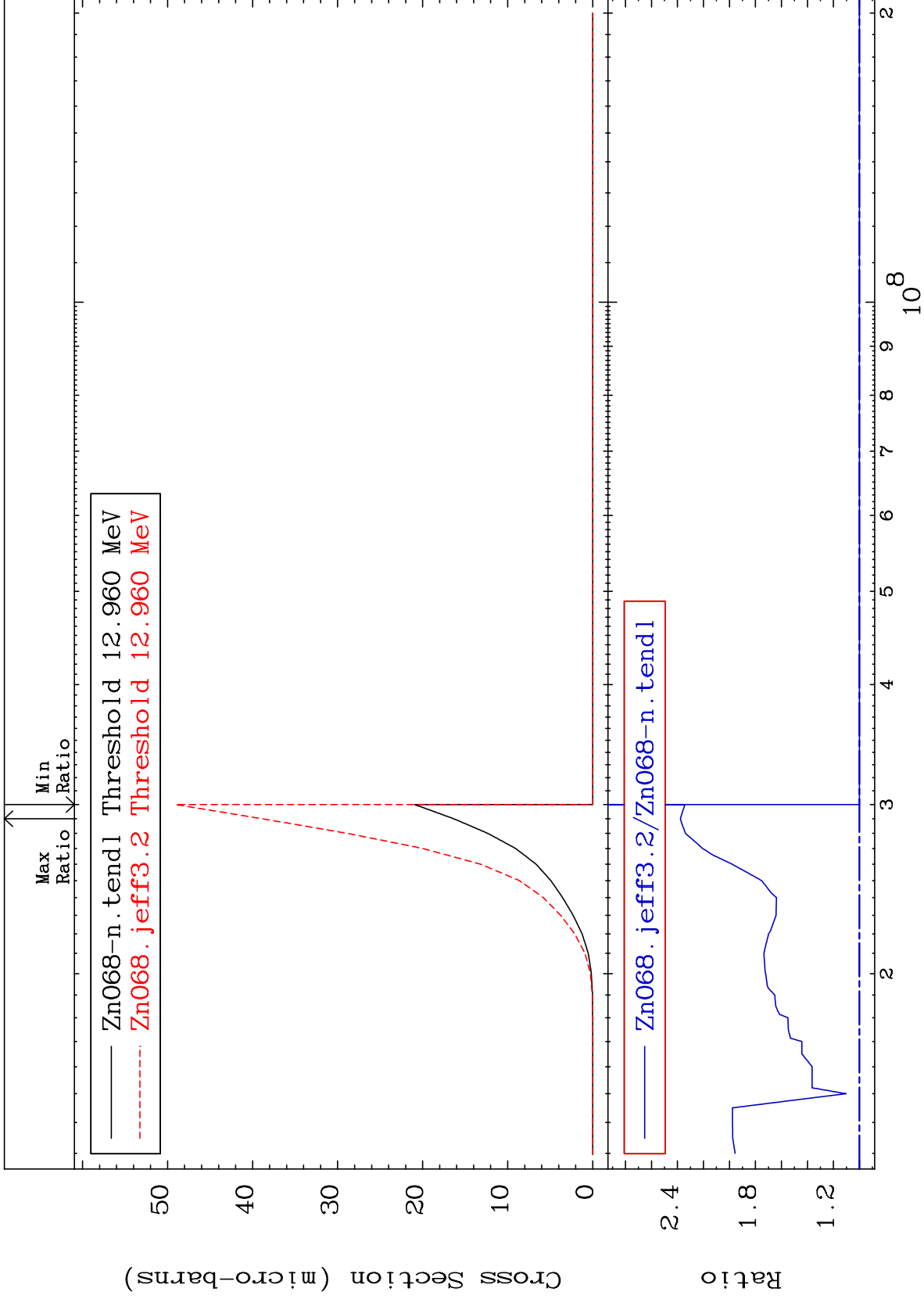
(n,2p)

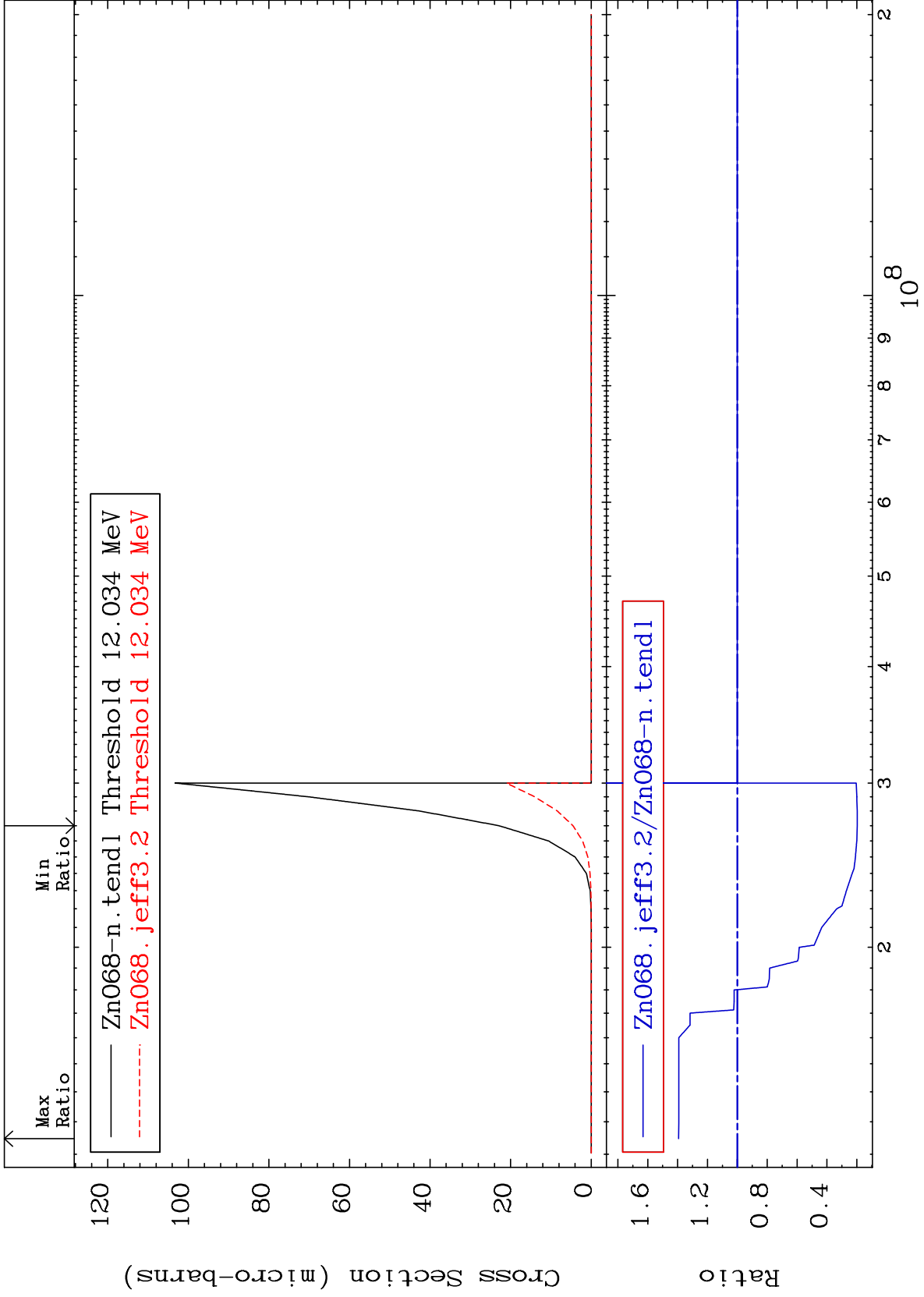
30-Zn-68

Cross Section

0.000

To 137.8 %

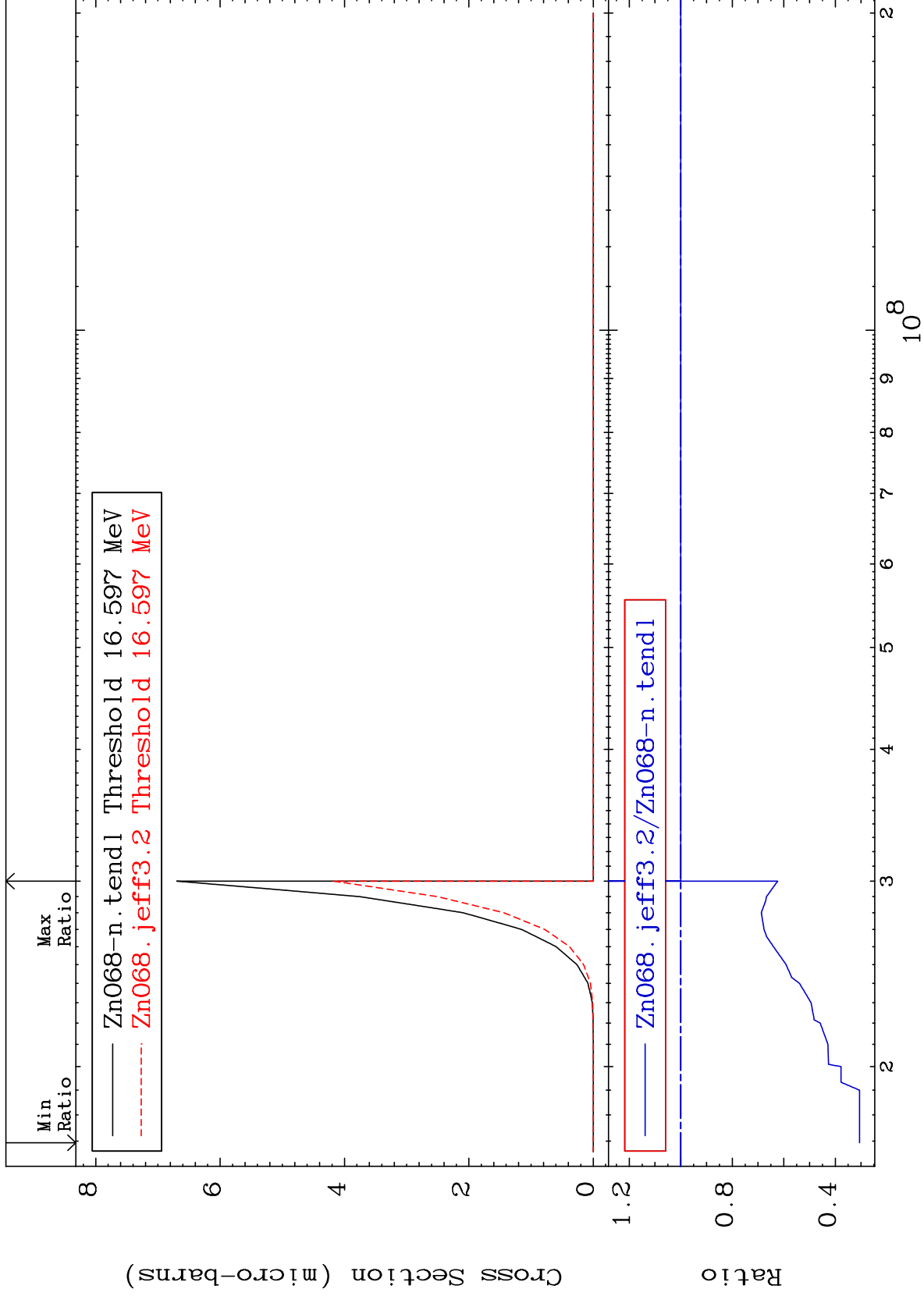




MAT 3037

(n,p) d
Cross Section

30-Zn-68
-69.41 To 0.000 %



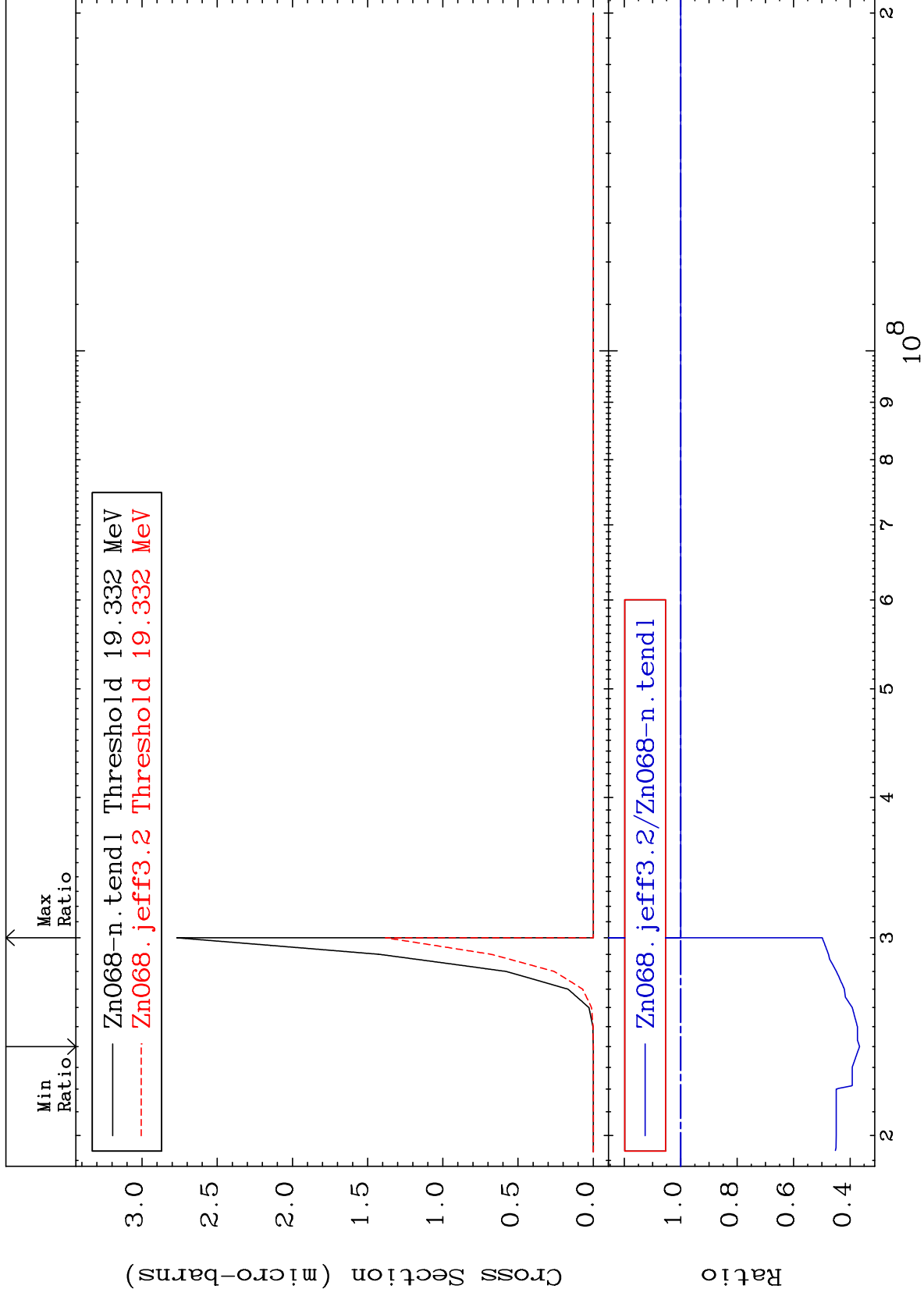
60

30-Zn-68

MAT 3037

(n, p) t
Cross Section

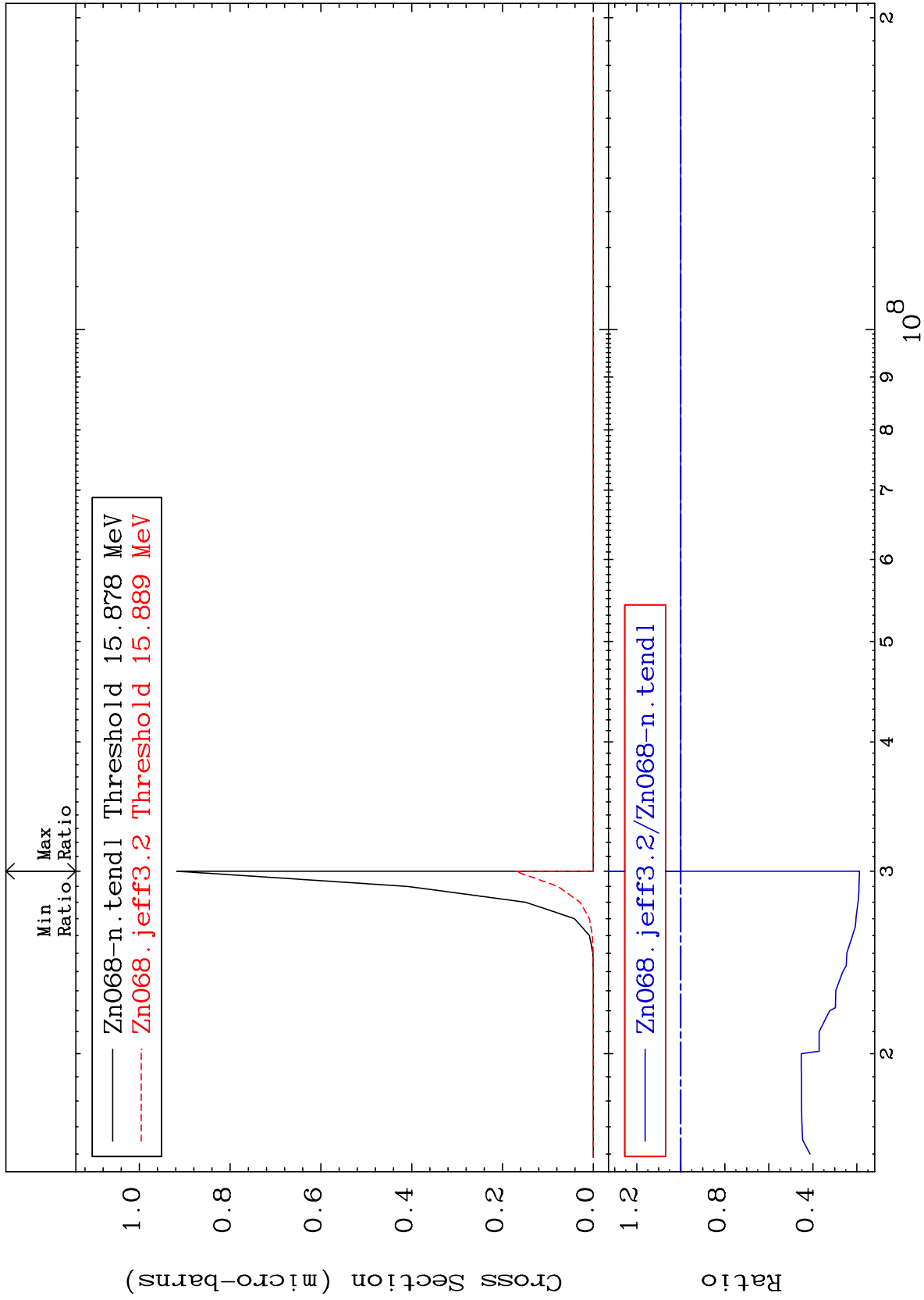
30-Zn-68
-63.35 To 0.000 %



61

Incident Energy (eV)

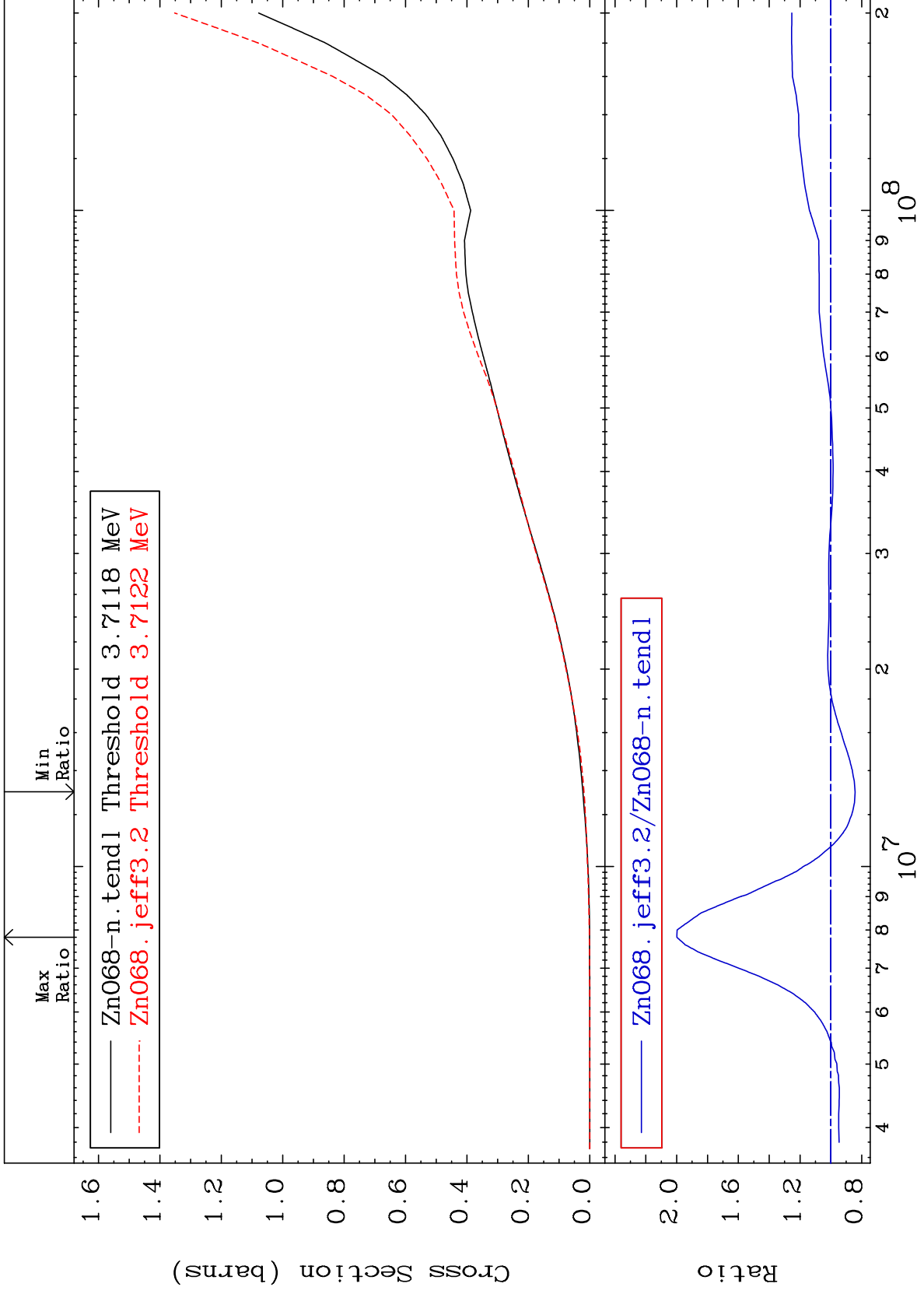
30-Zn-68



MAT 3037

Hydrogen Production
Cross Section

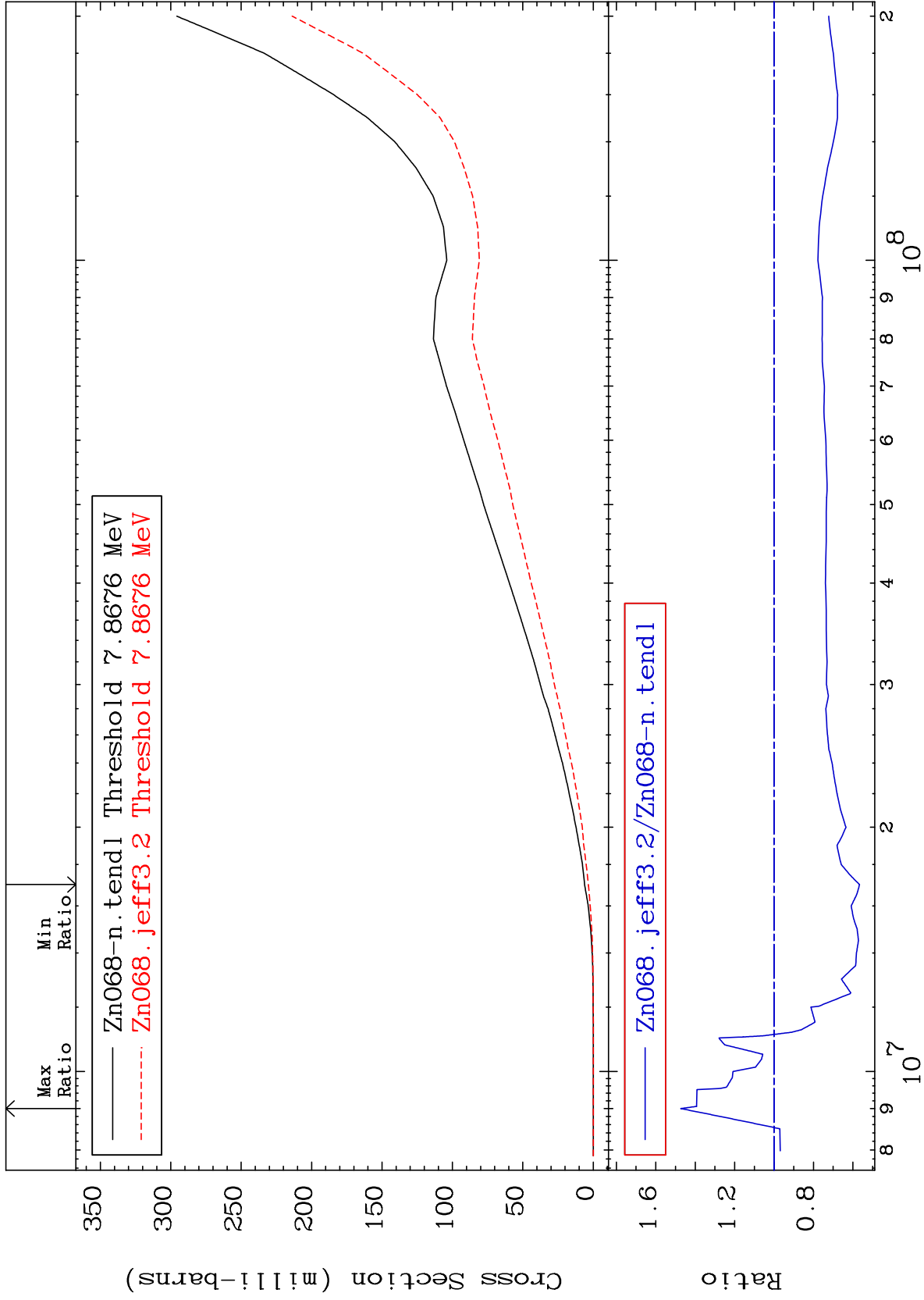
30-Zn-68
-15.72 To 99.84 %



MAT 3037

Deuterium Production
Cross Section

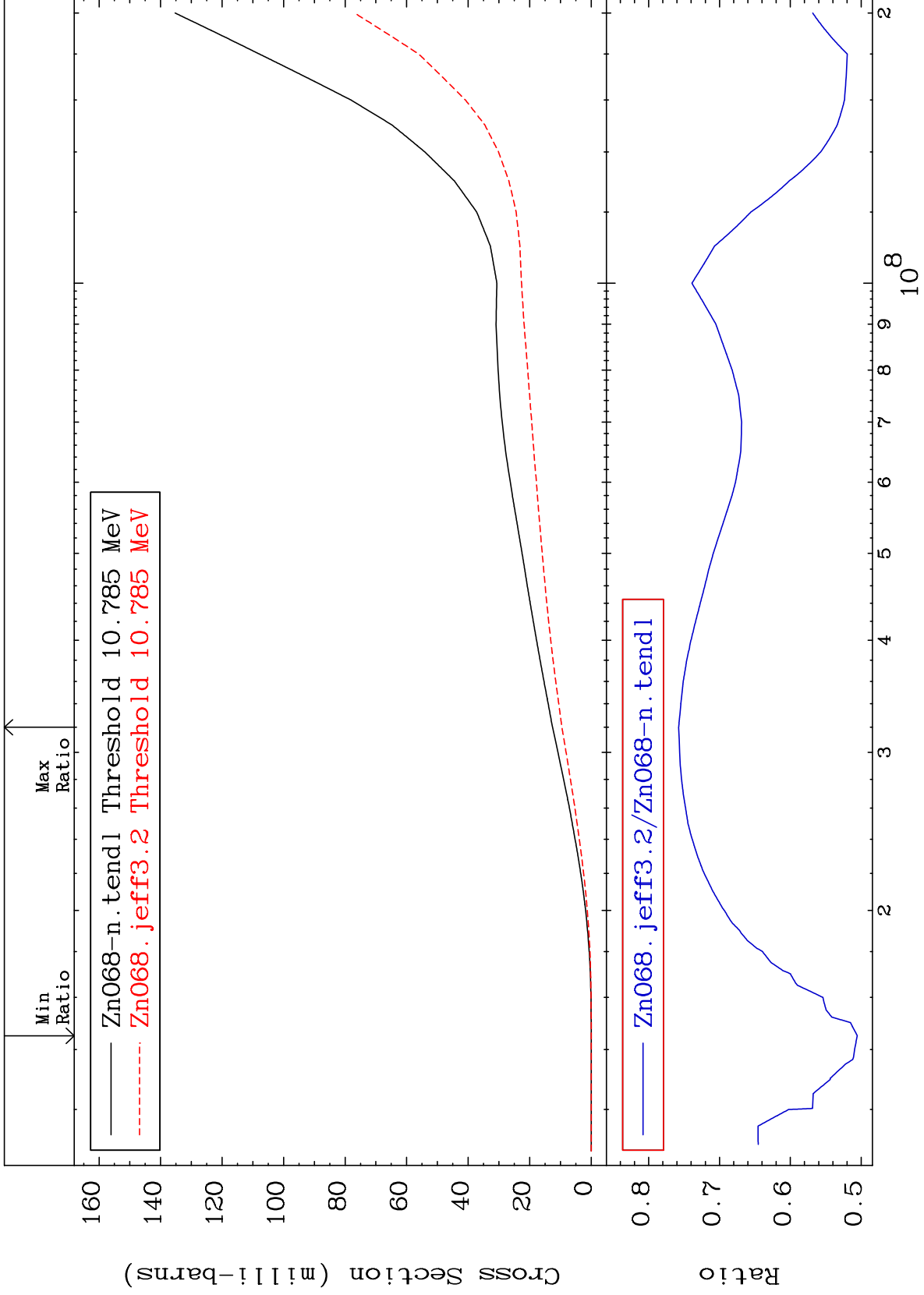
30-Zn-68
-43.37 To 47.32 %



64

Incident Energy (eV)

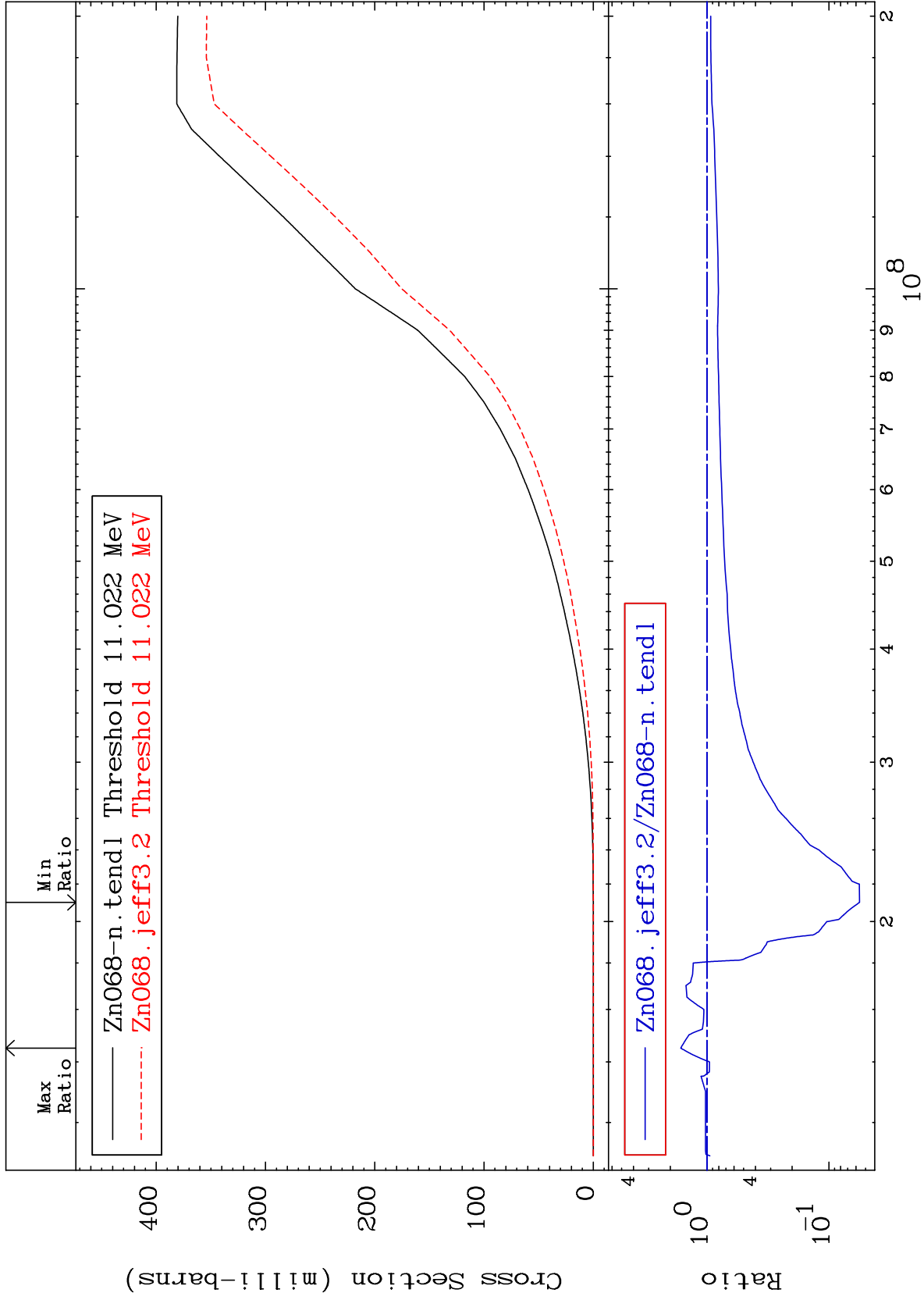
30-Zn-68

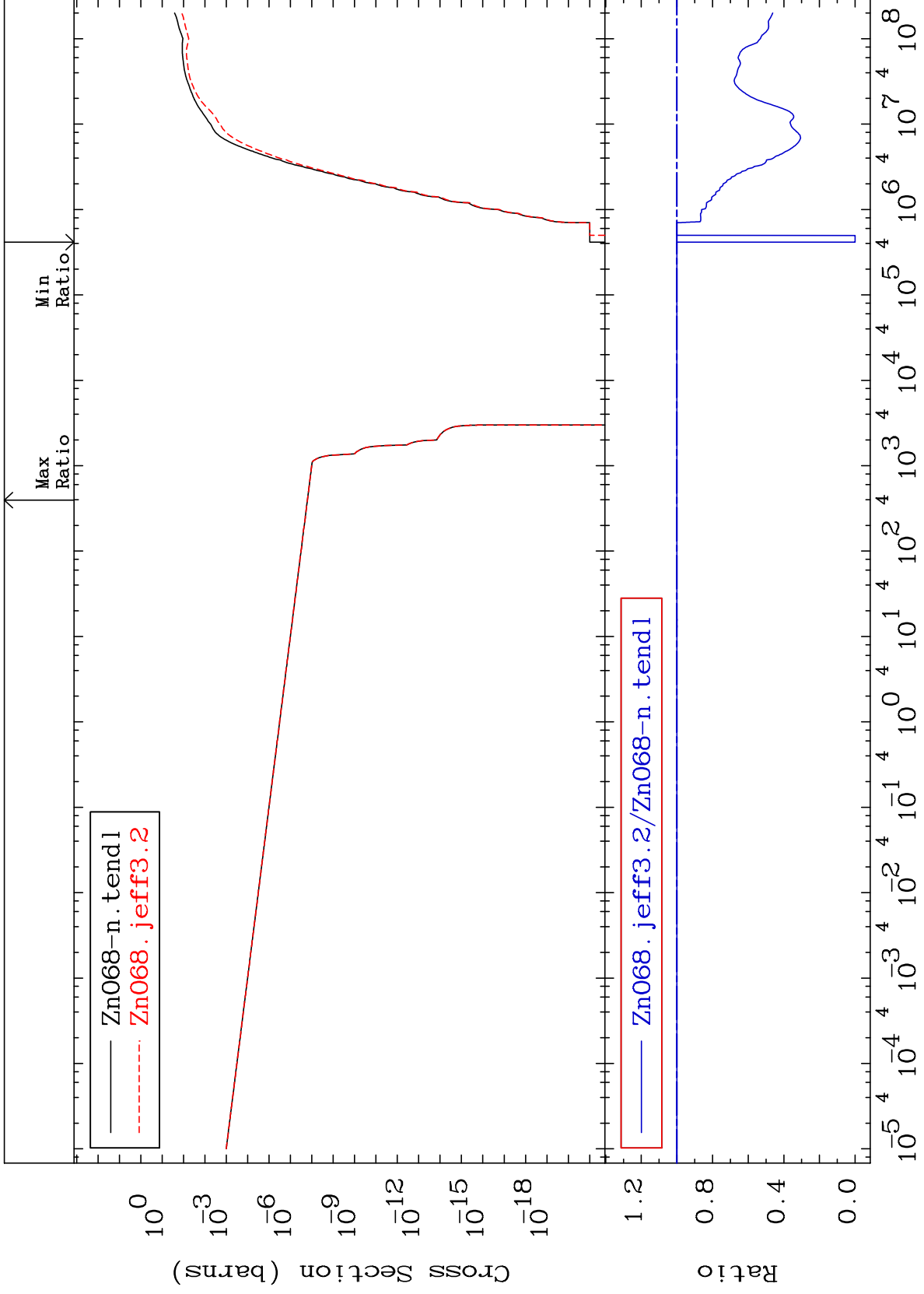


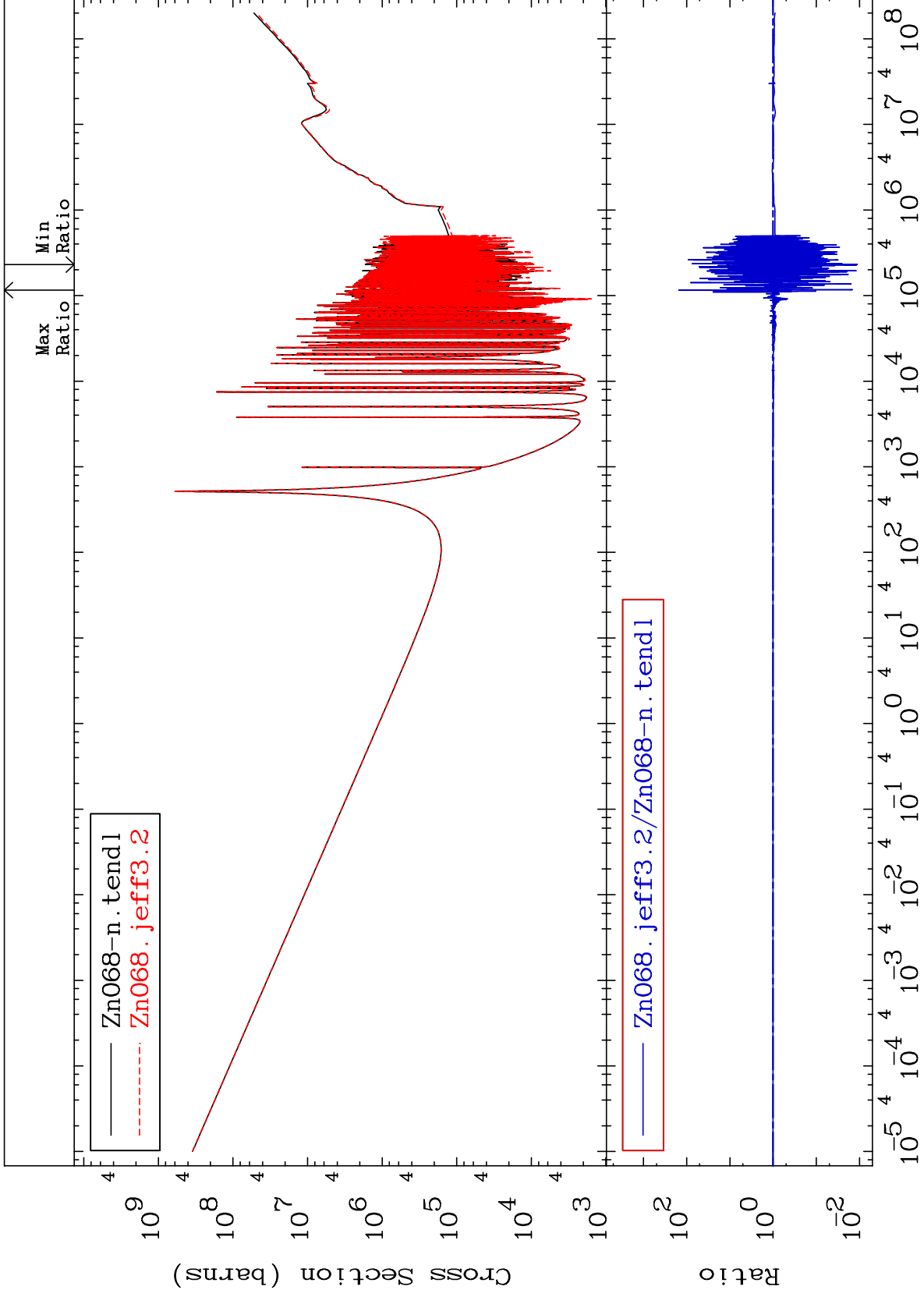
MAT 3037

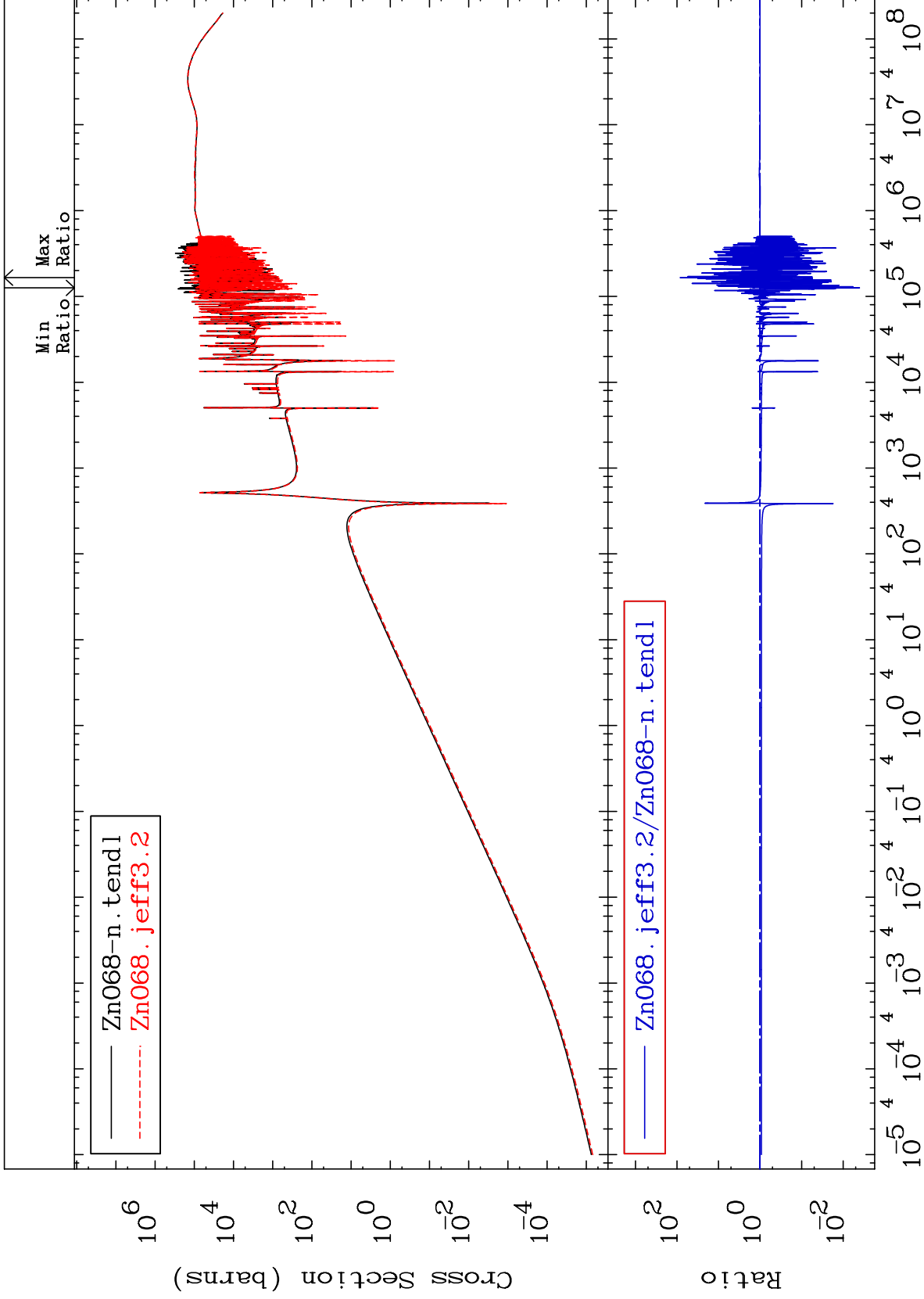
He-3 Production
Cross Section

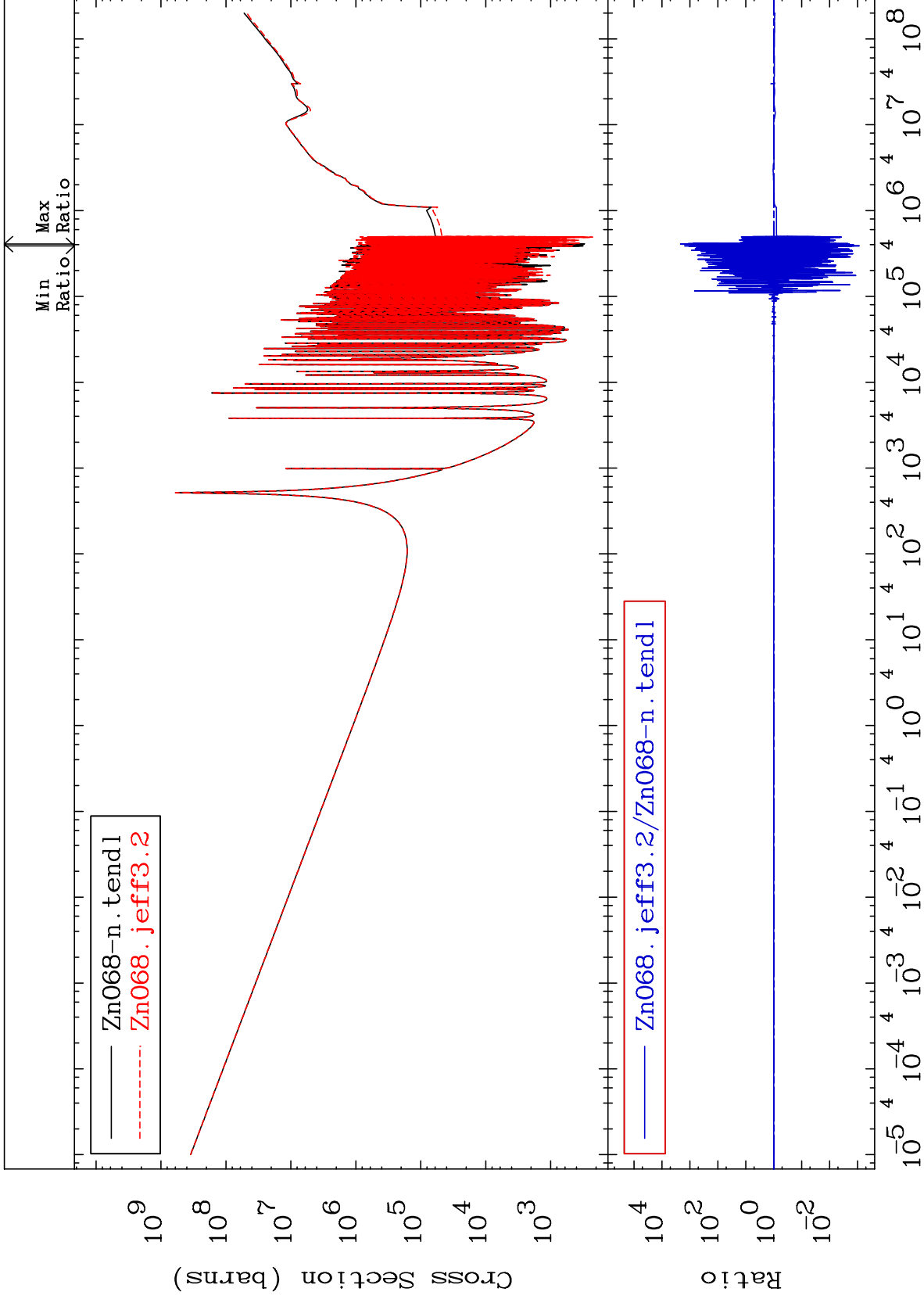
30-Zn-68
-94.40 To 63.91 %

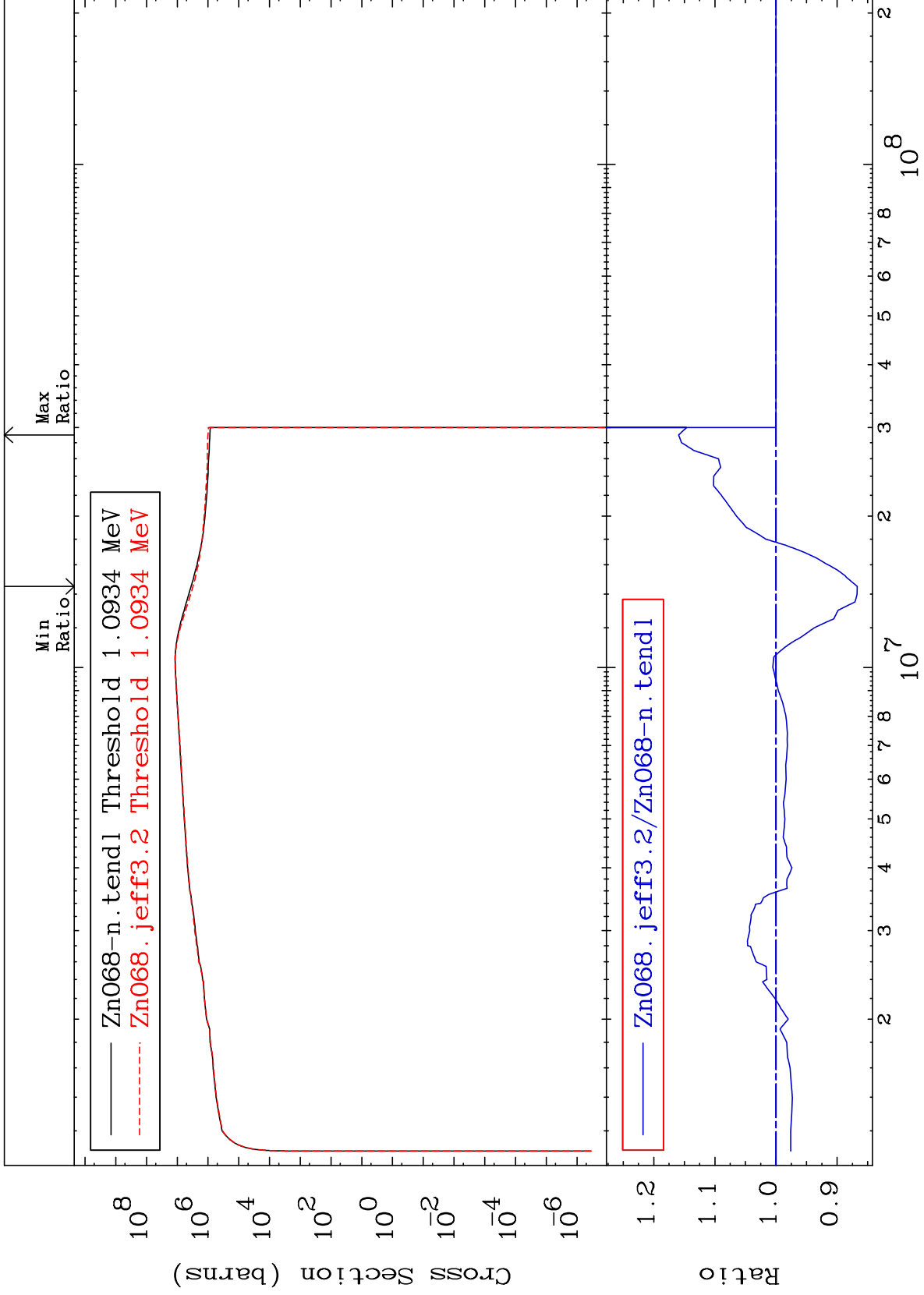








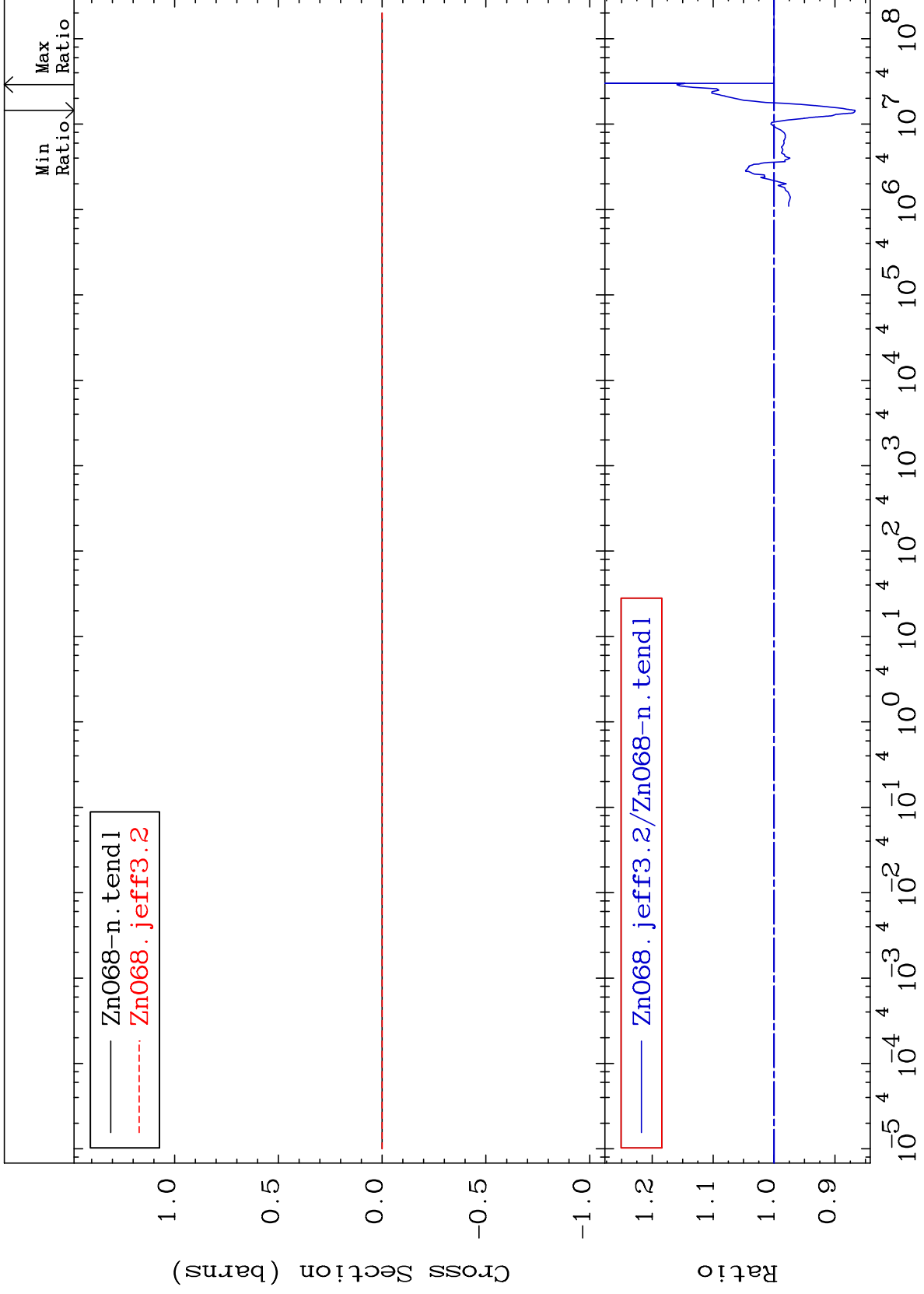




MAT 3037

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

30-Zn-68
-13.30 To 15.94 %



72

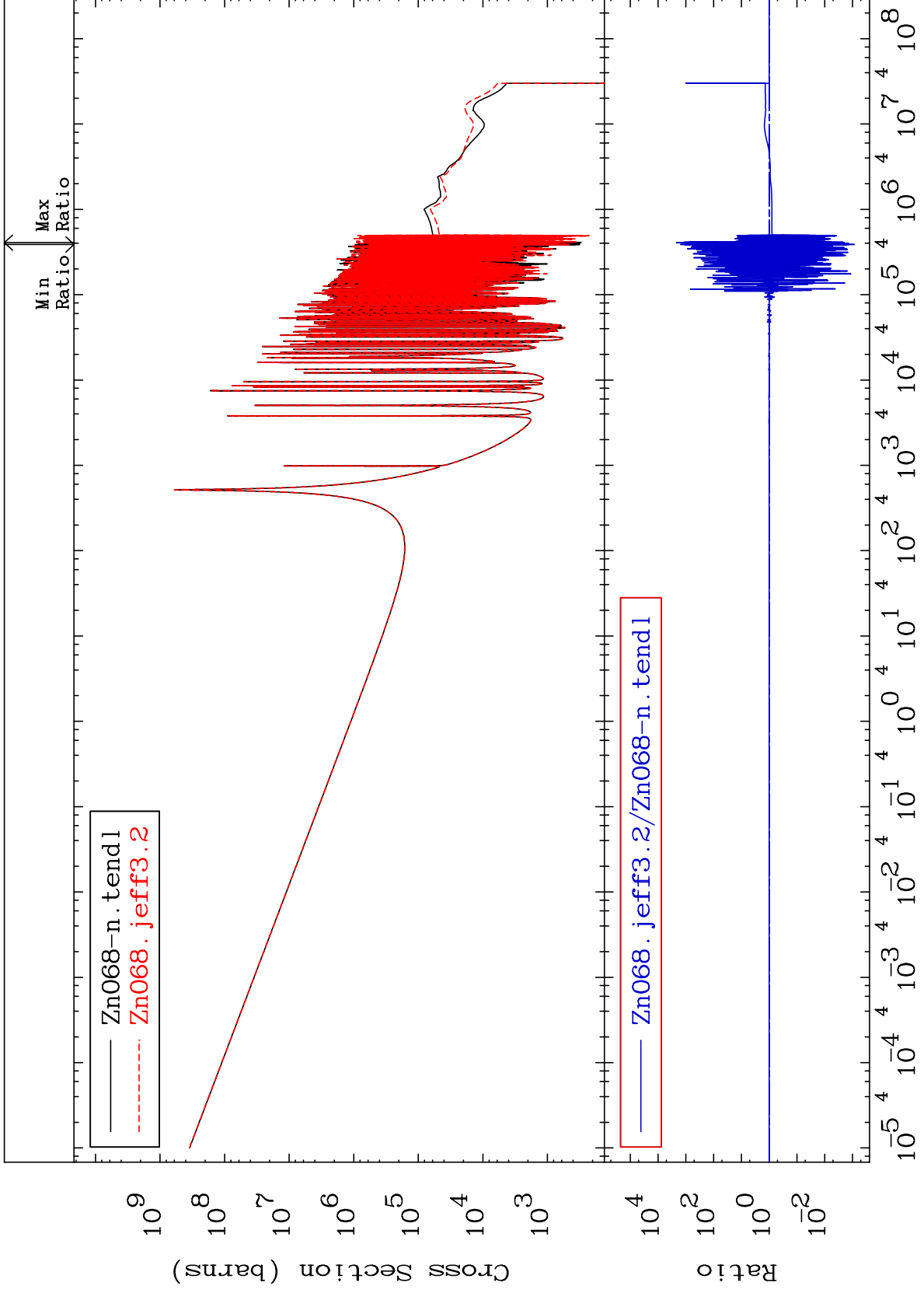
Incident Energy (eV)

30-Zn-68

MAT 3037

Kerma capture (mt102)
Cross Section

30-Zn-68
-99.91 To 9999. %



73

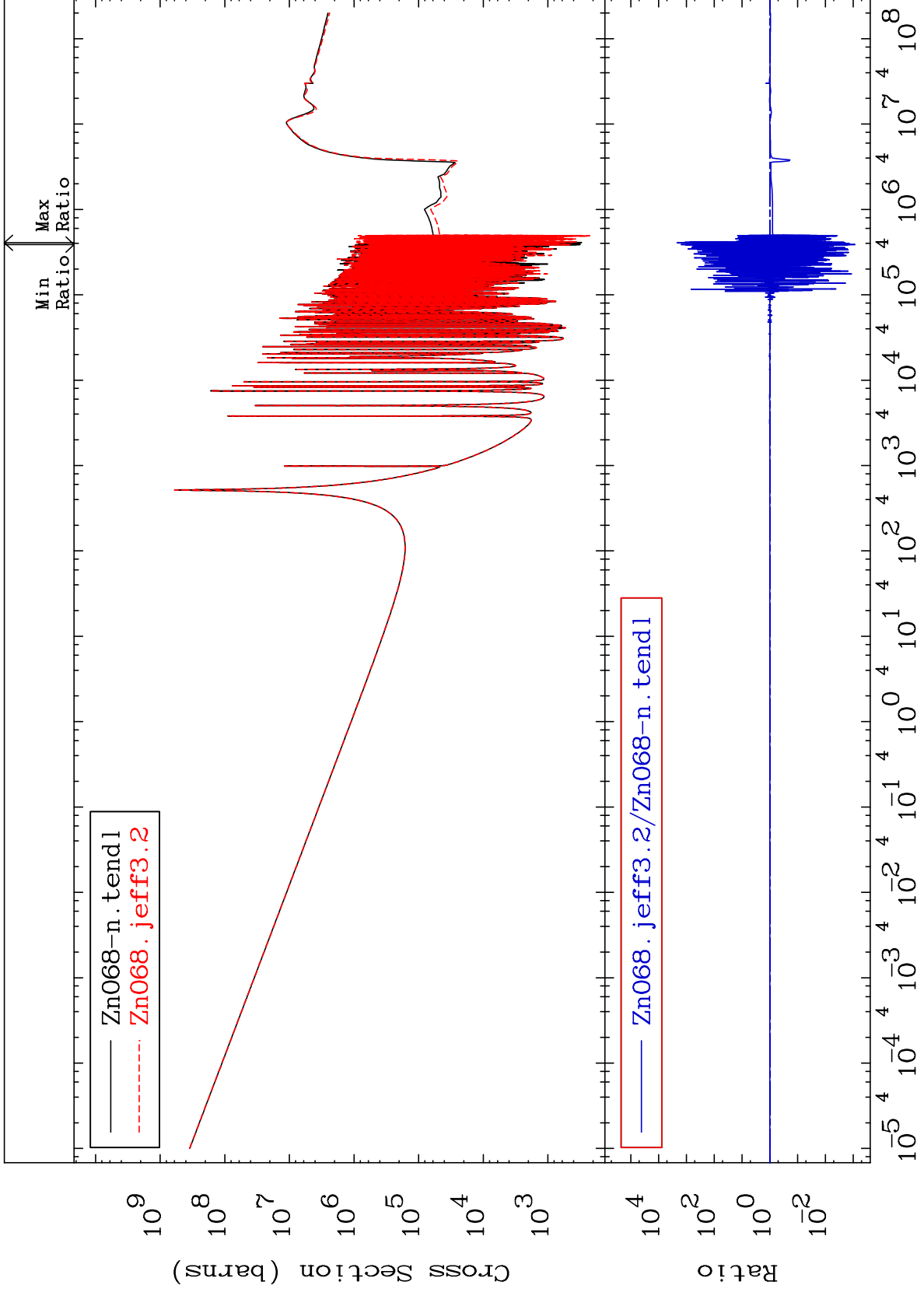
Incident Energy (eV)

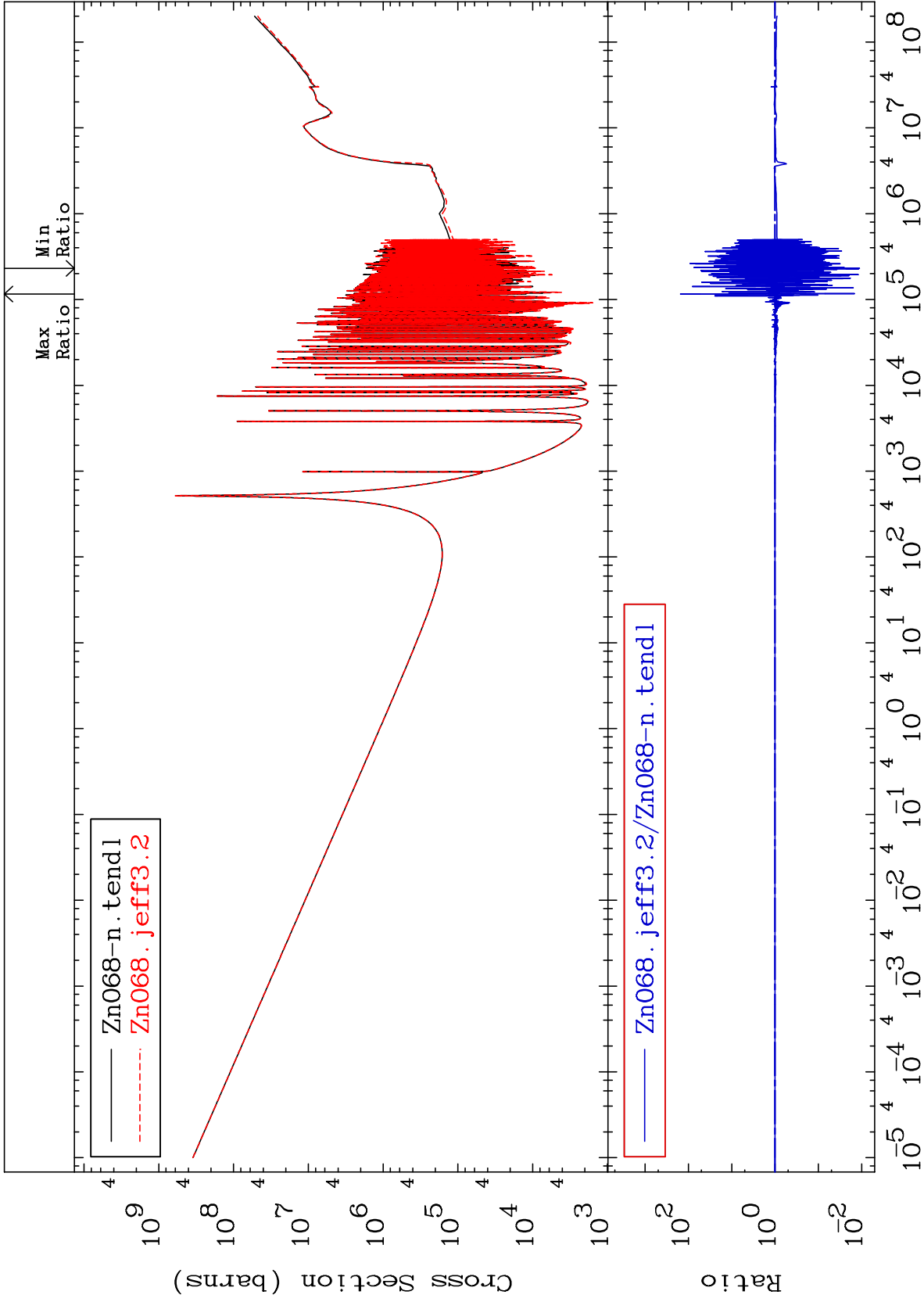
30-Zn-68

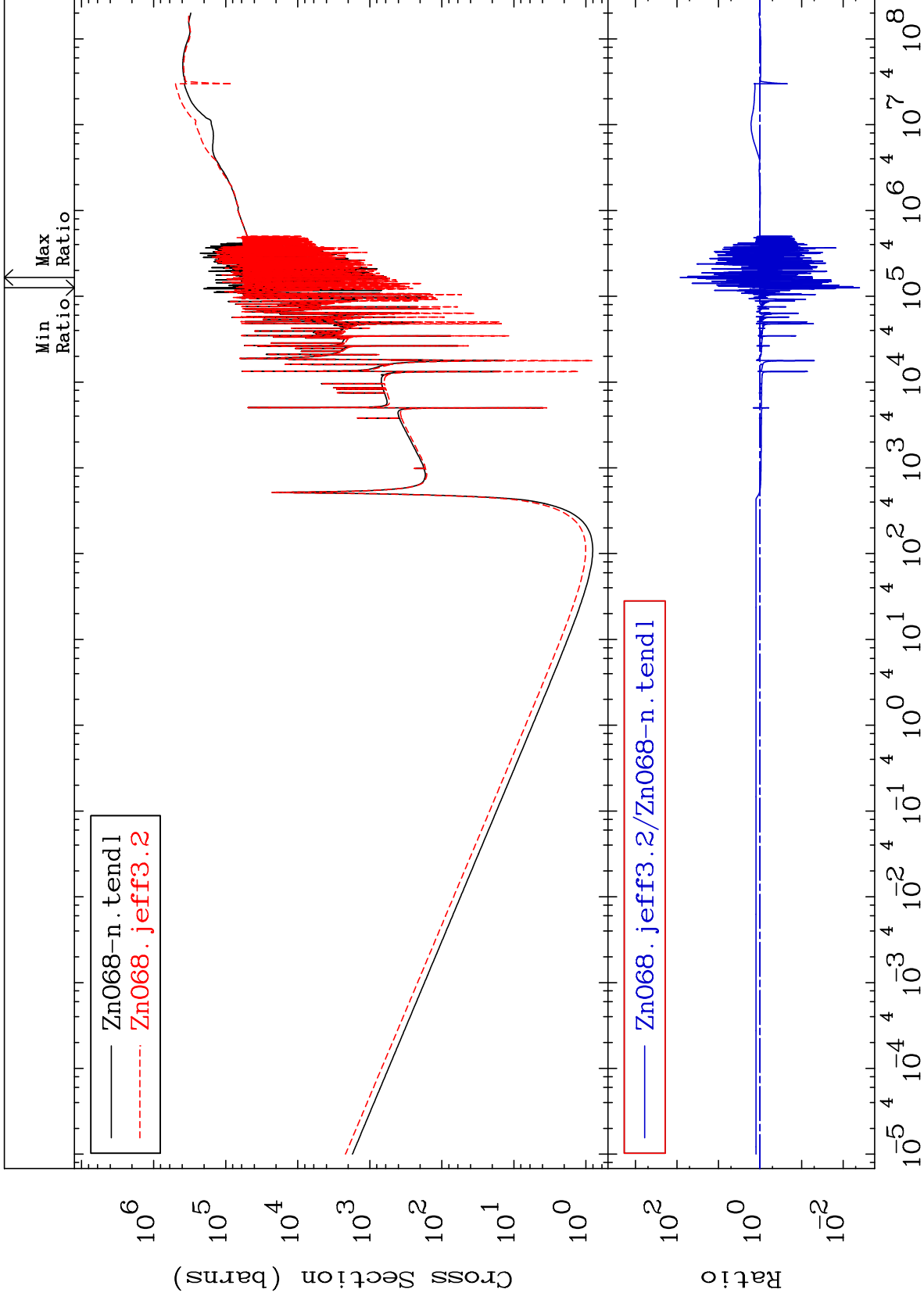
MAT 3037

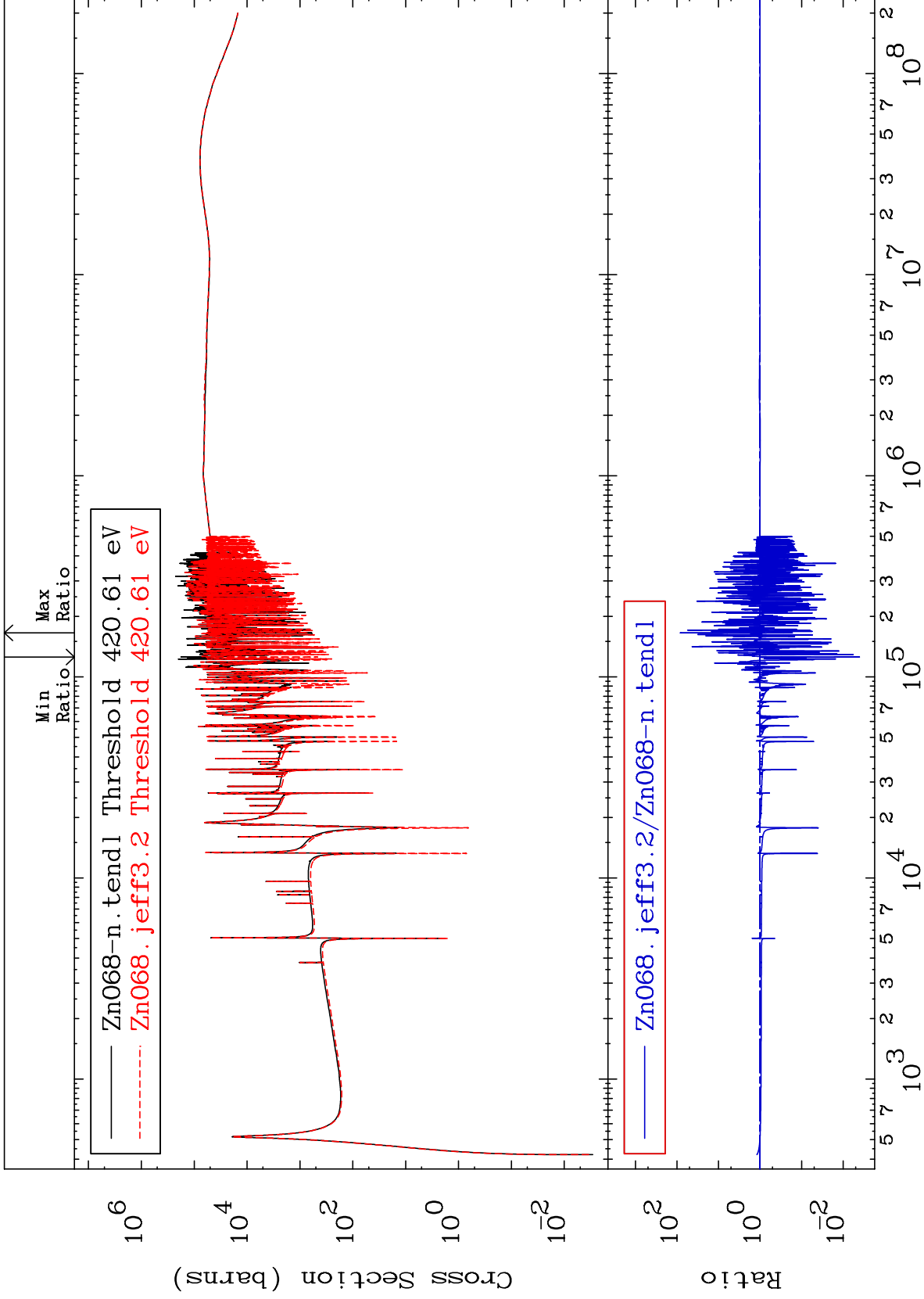
Total photon (eV-barns)
Cross Section

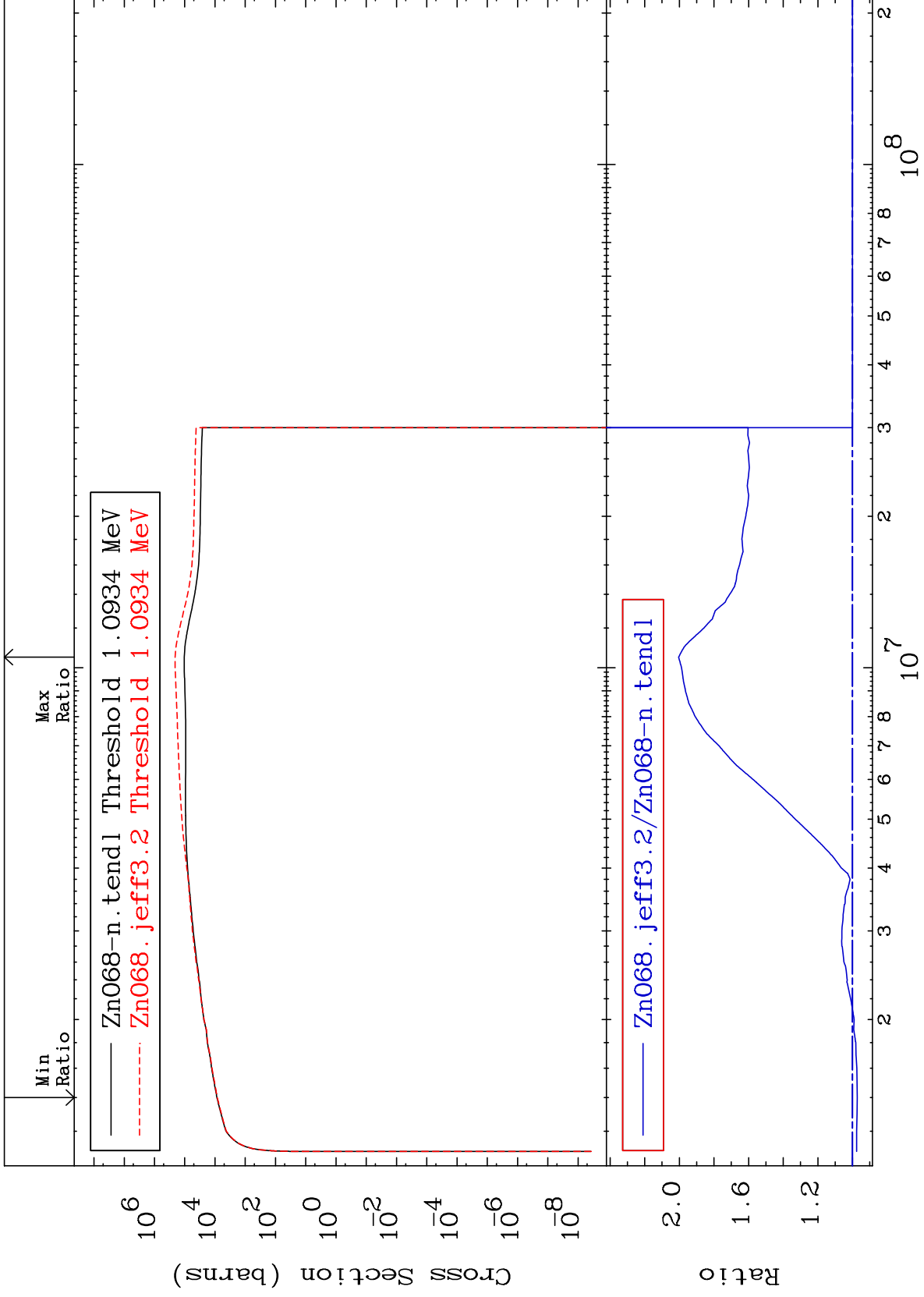
30-Zn-68
-99.91 To 9999. %

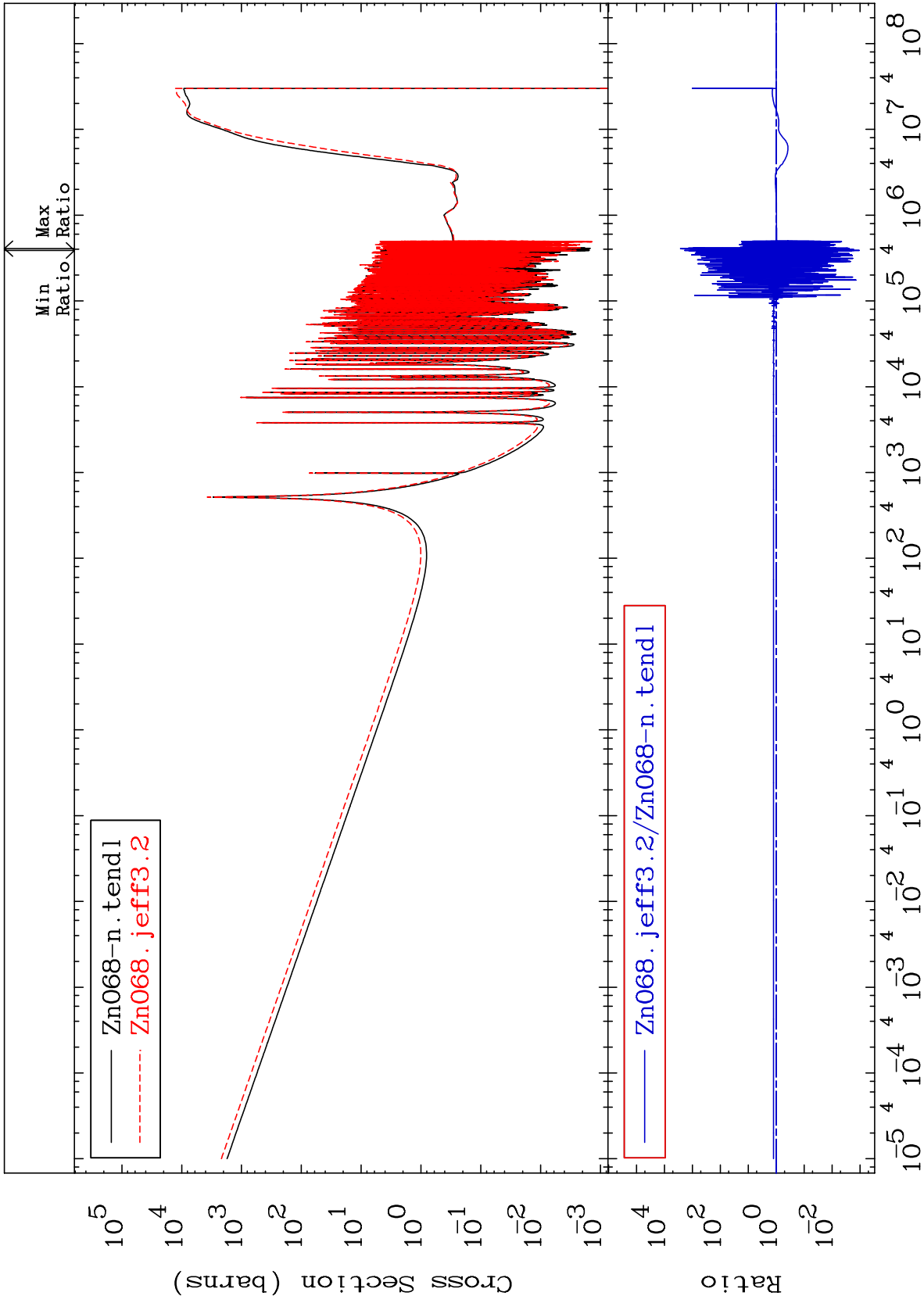




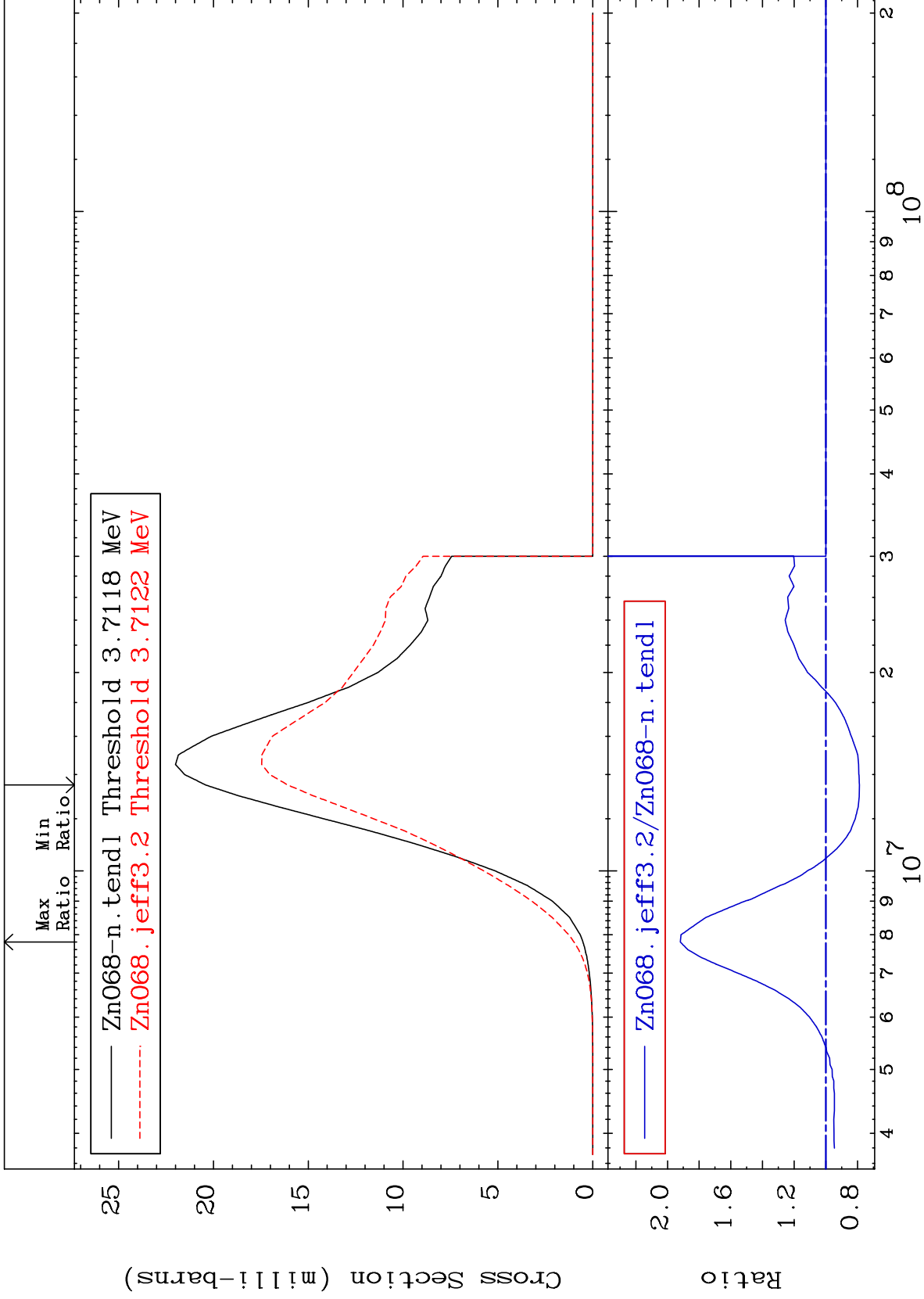








Radionuclide Production Cross Section -21.21 To 91.88 %



MAT 3037

(n, p) : 29-Cu-68m3

30-Zn-68

Radionuclide Production Cross Section 0.000 To 262.6 %

