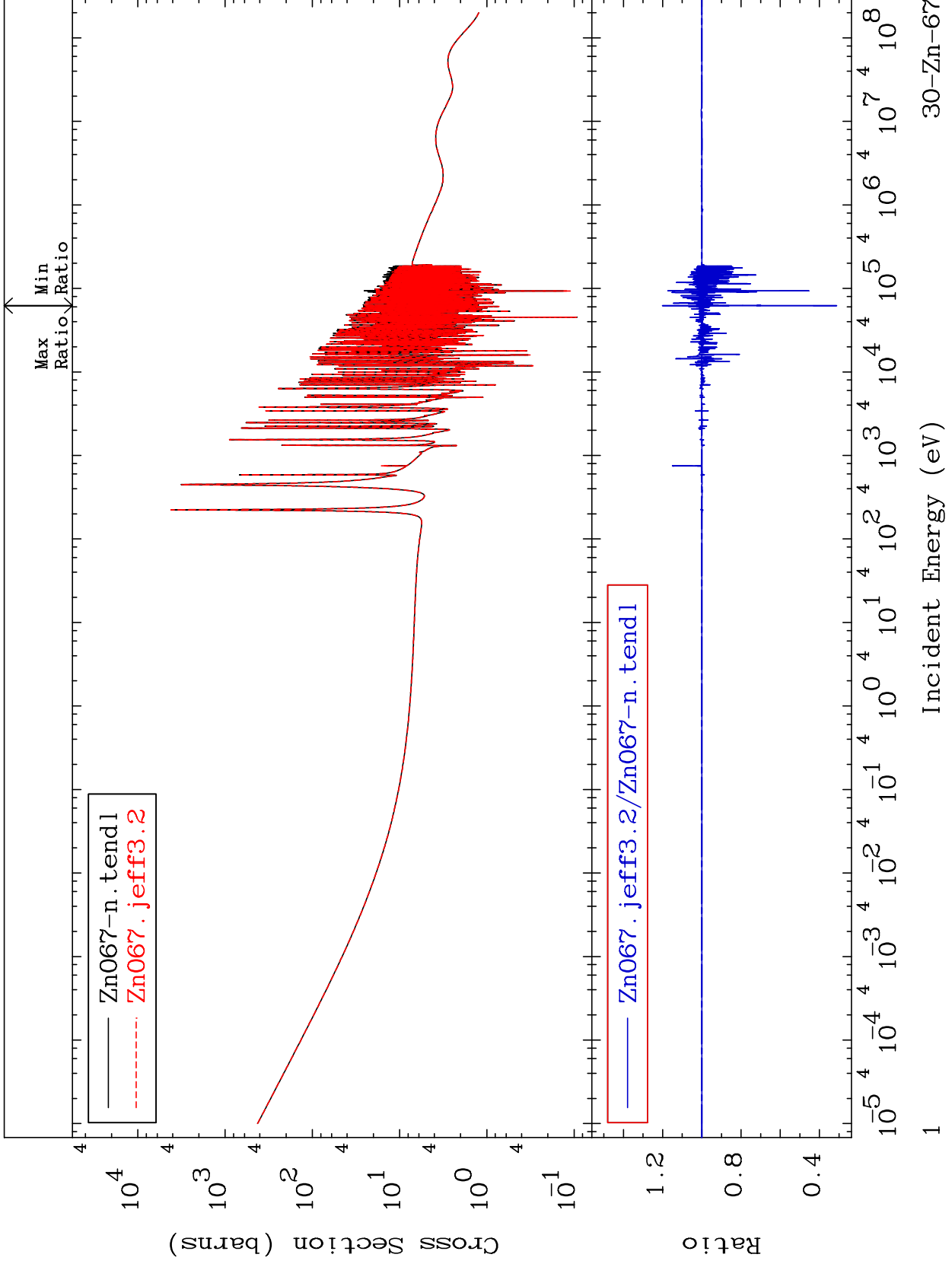


MAT 3034

Total
Cross Section

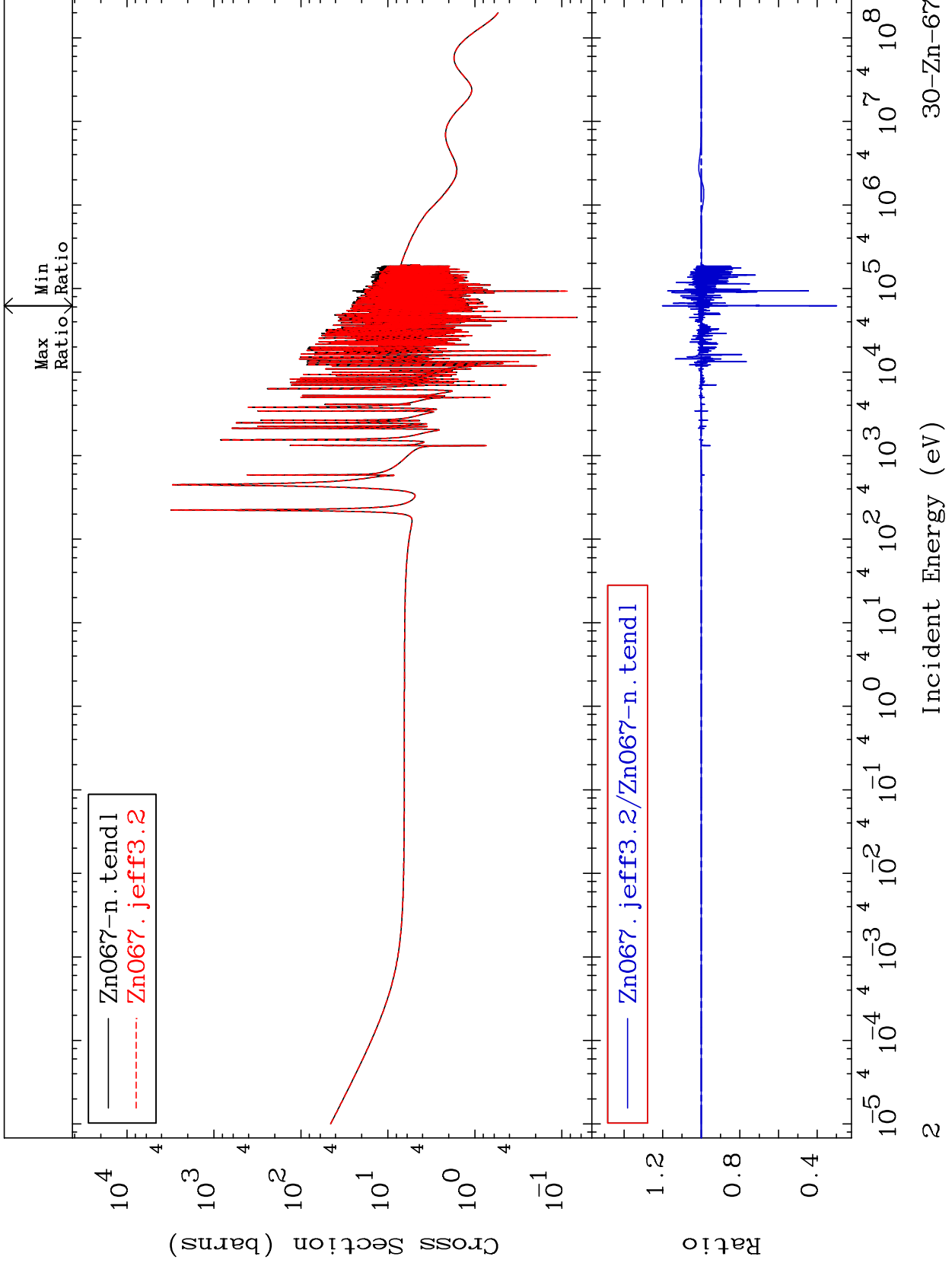
30-Zn-67
-68.76 To 20.17 %



MAT 3034

Elastic
Cross Section

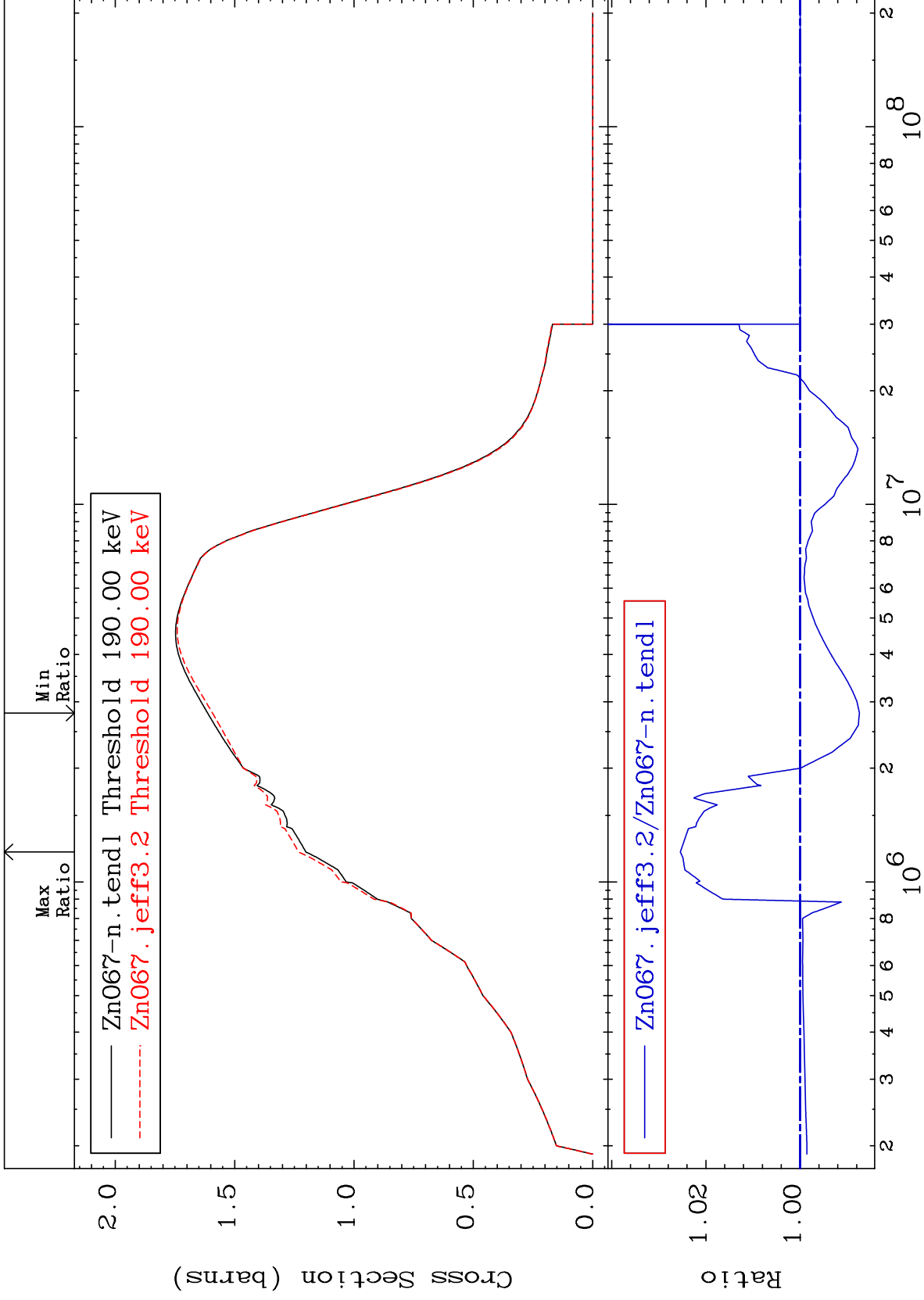
30-Zn-67
-70.09 To 20.18 %



MAT 3034

Inelastic
Cross Section

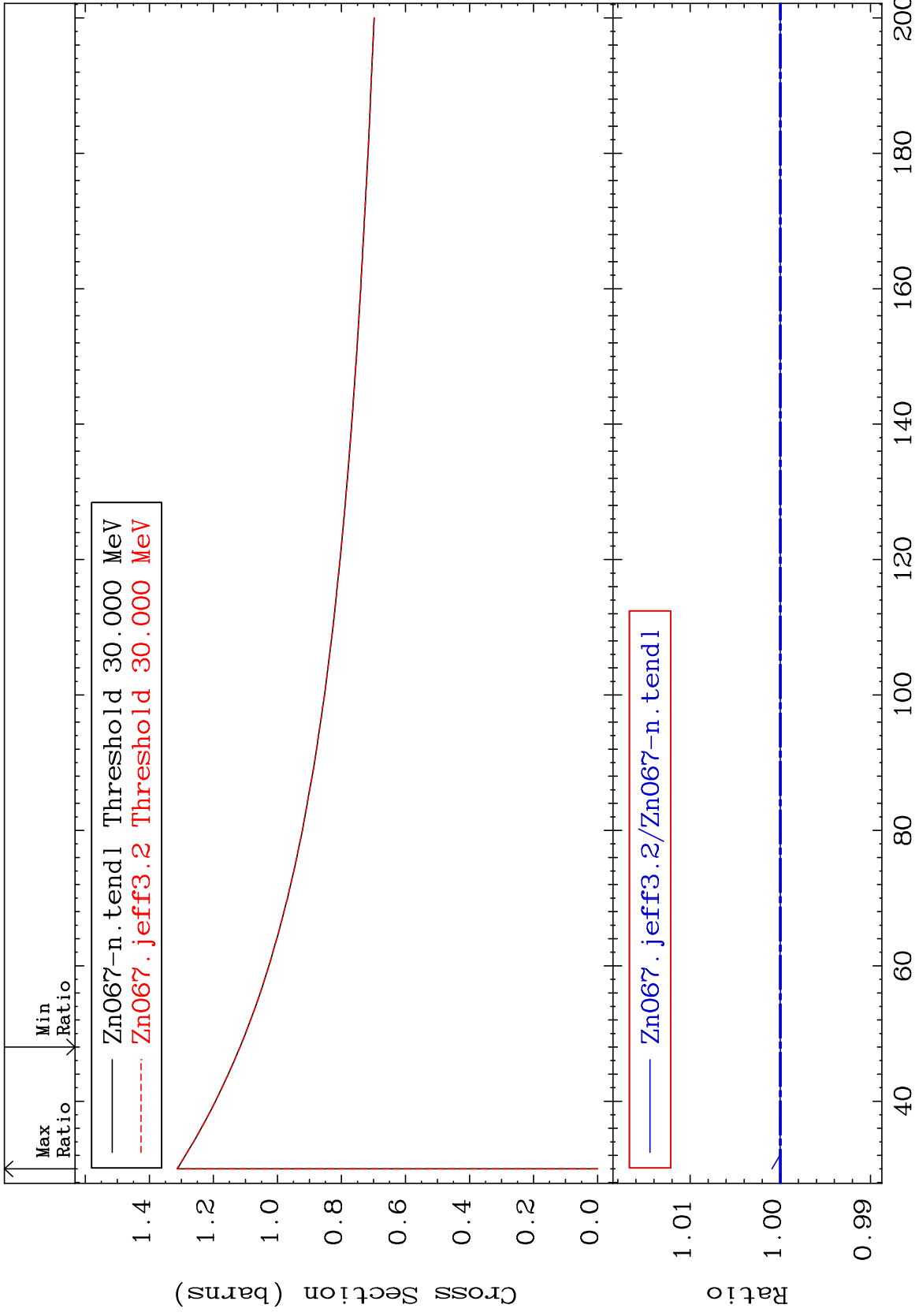
30-Zn-67
-1.258 To 2.542 %



MAT 3034

(n, remainder)
Cross Section

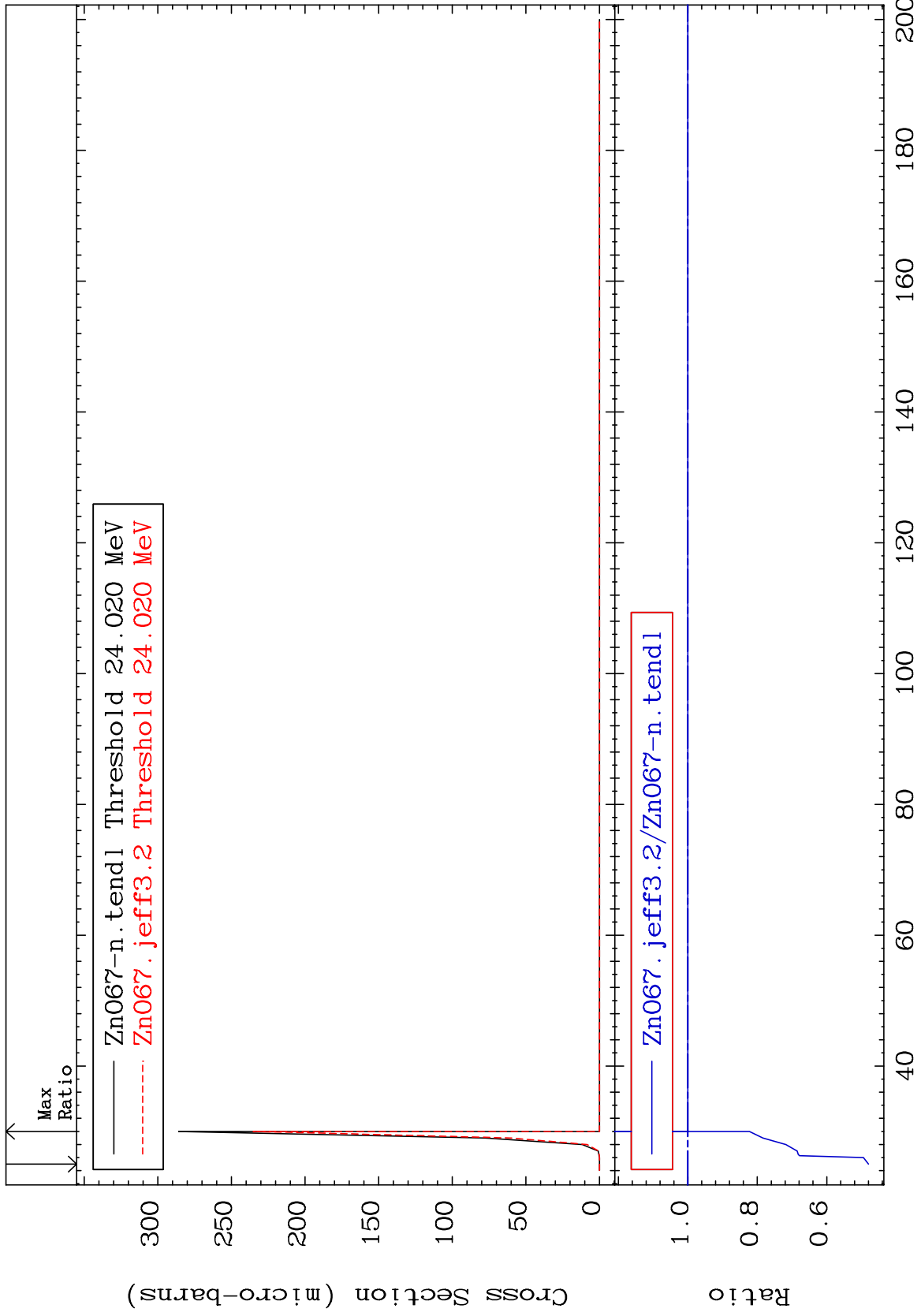
30-Zn-67
-0.004 To 0.094 %



MAT 3034

(n,2n) d
Cross Section

30-Zn-67
-52.01 To 0.000 %



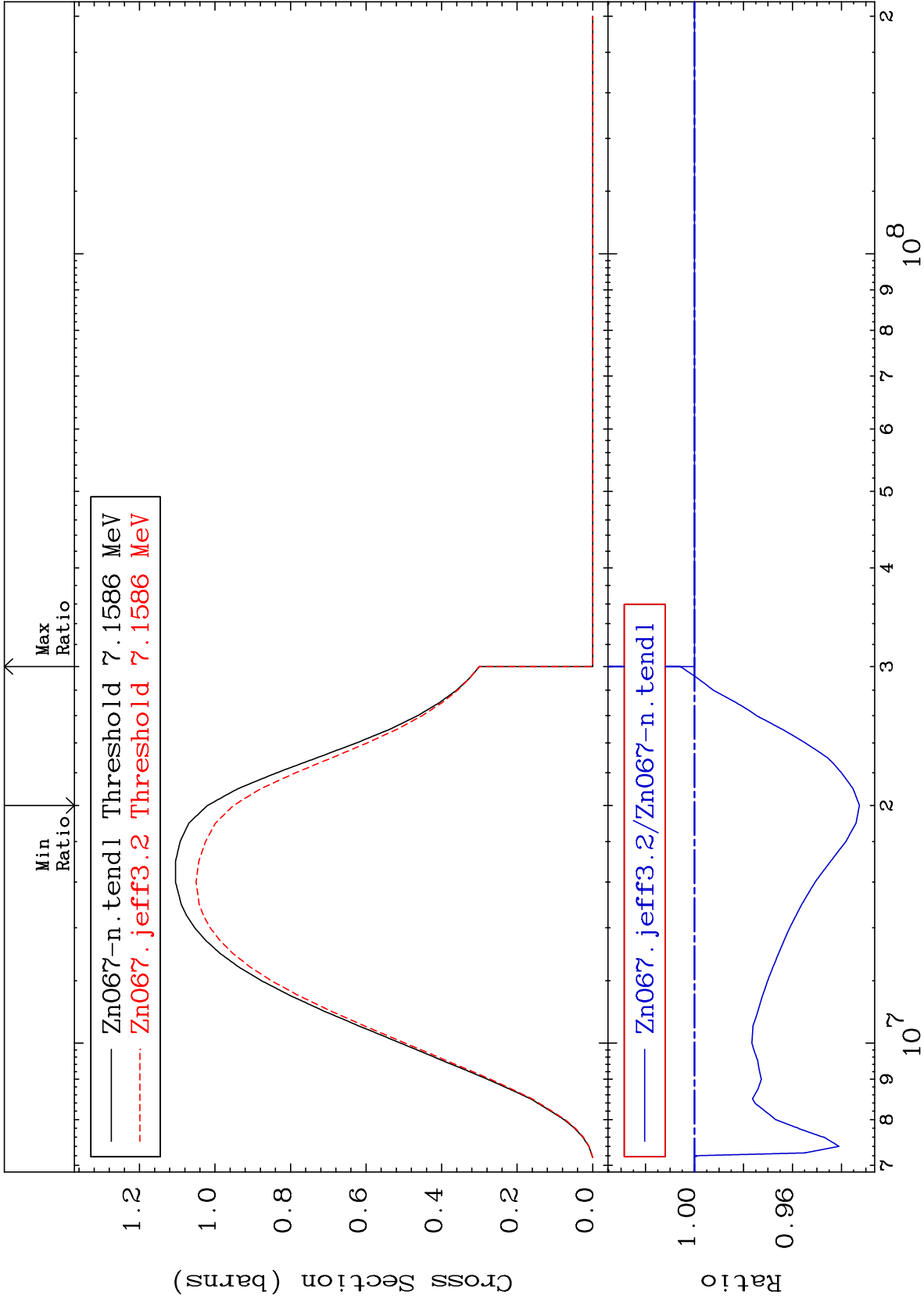
MAT 3034

(n,2n)

30-Zn-67

Cross Section

-6.736 To 0.578 %



6

Incident Energy (eV)

30-Zn-67

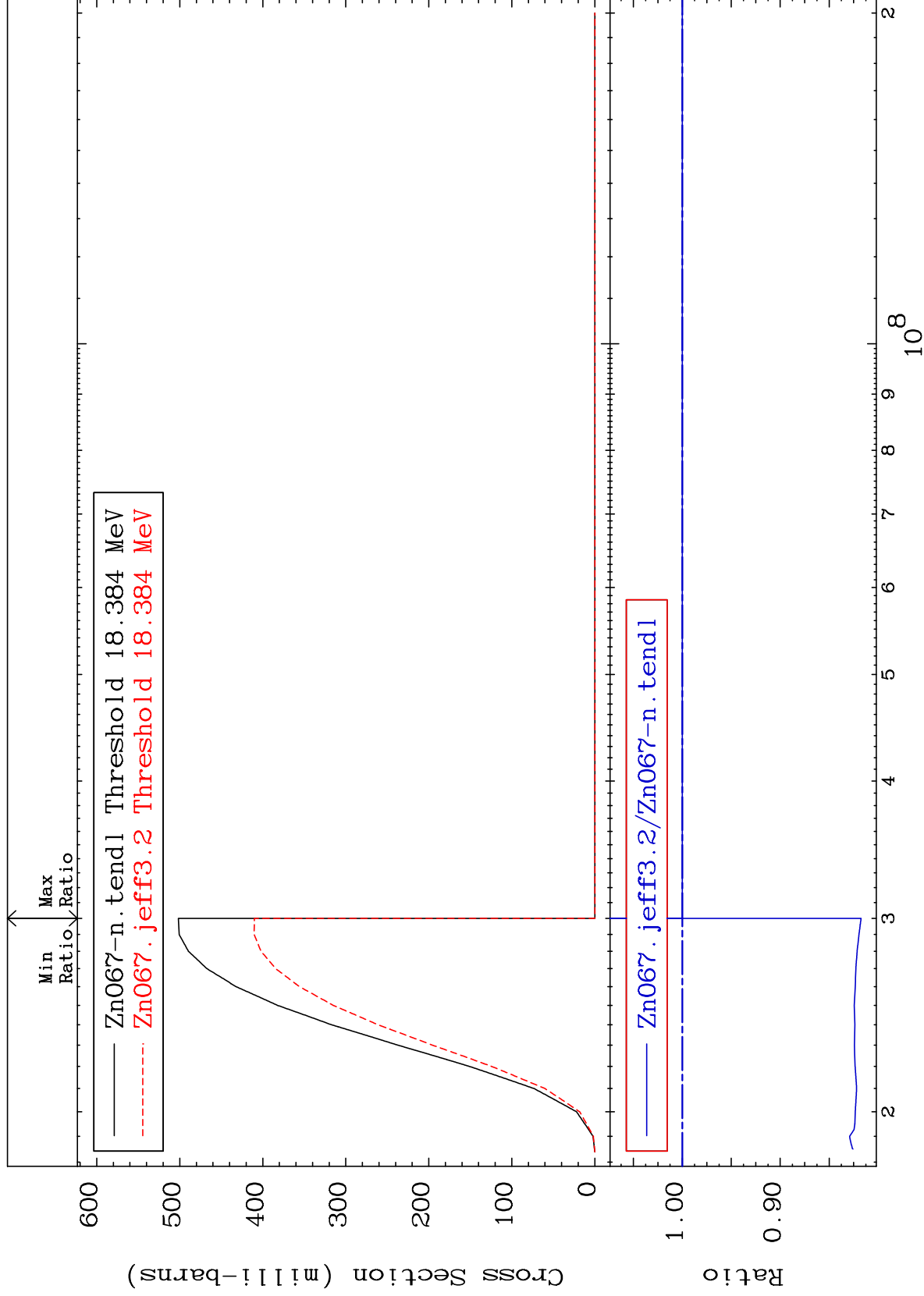
MAT 3034

(n,3n)

30-Zn-67

Cross Section

-18.26 To 0.000 %



7

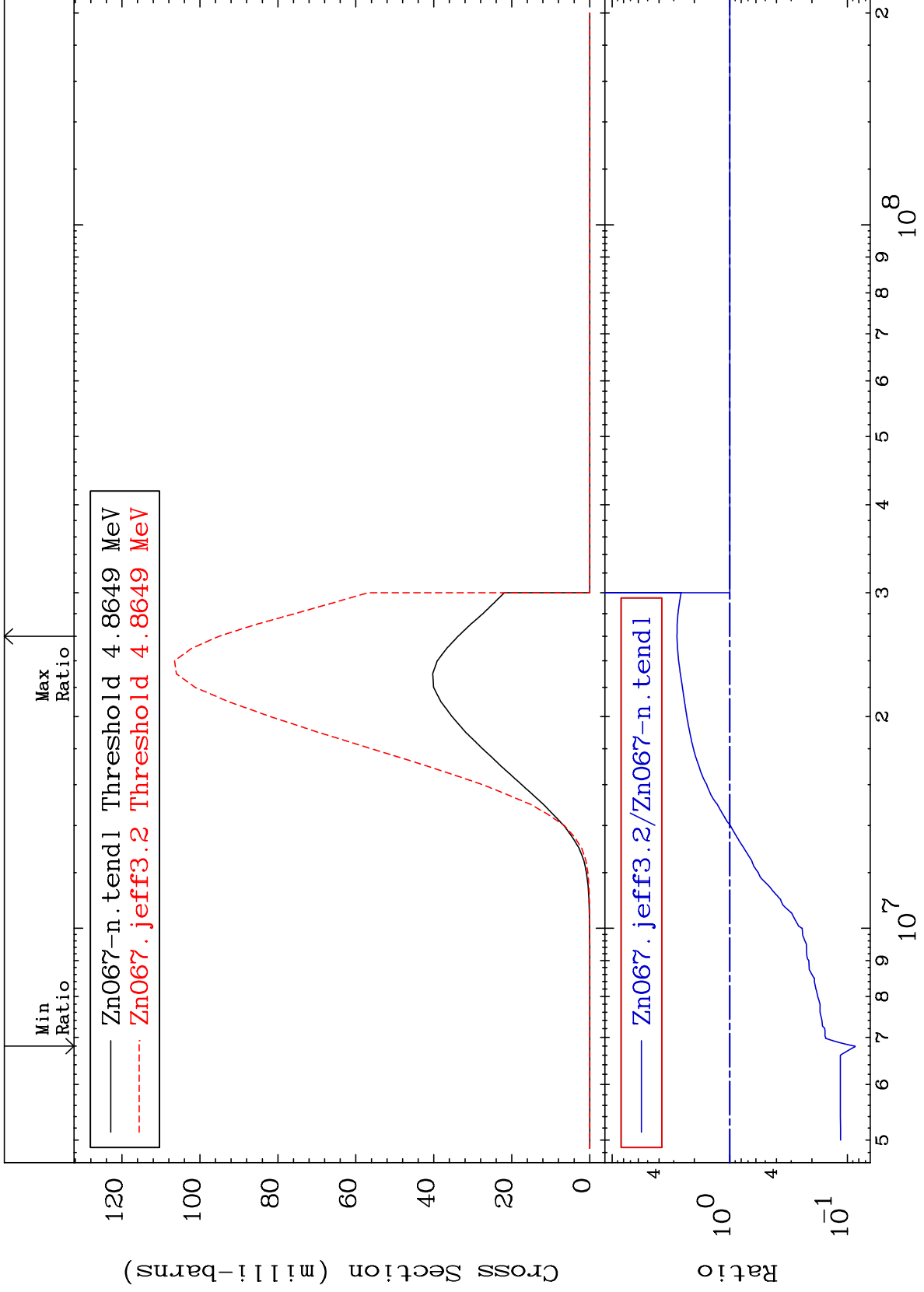
Incident Energy (eV)

30-Zn-67

MAT 3034

(n,n') α
Cross Section

30-Zn-67
-91.41 To 181.5 %



8

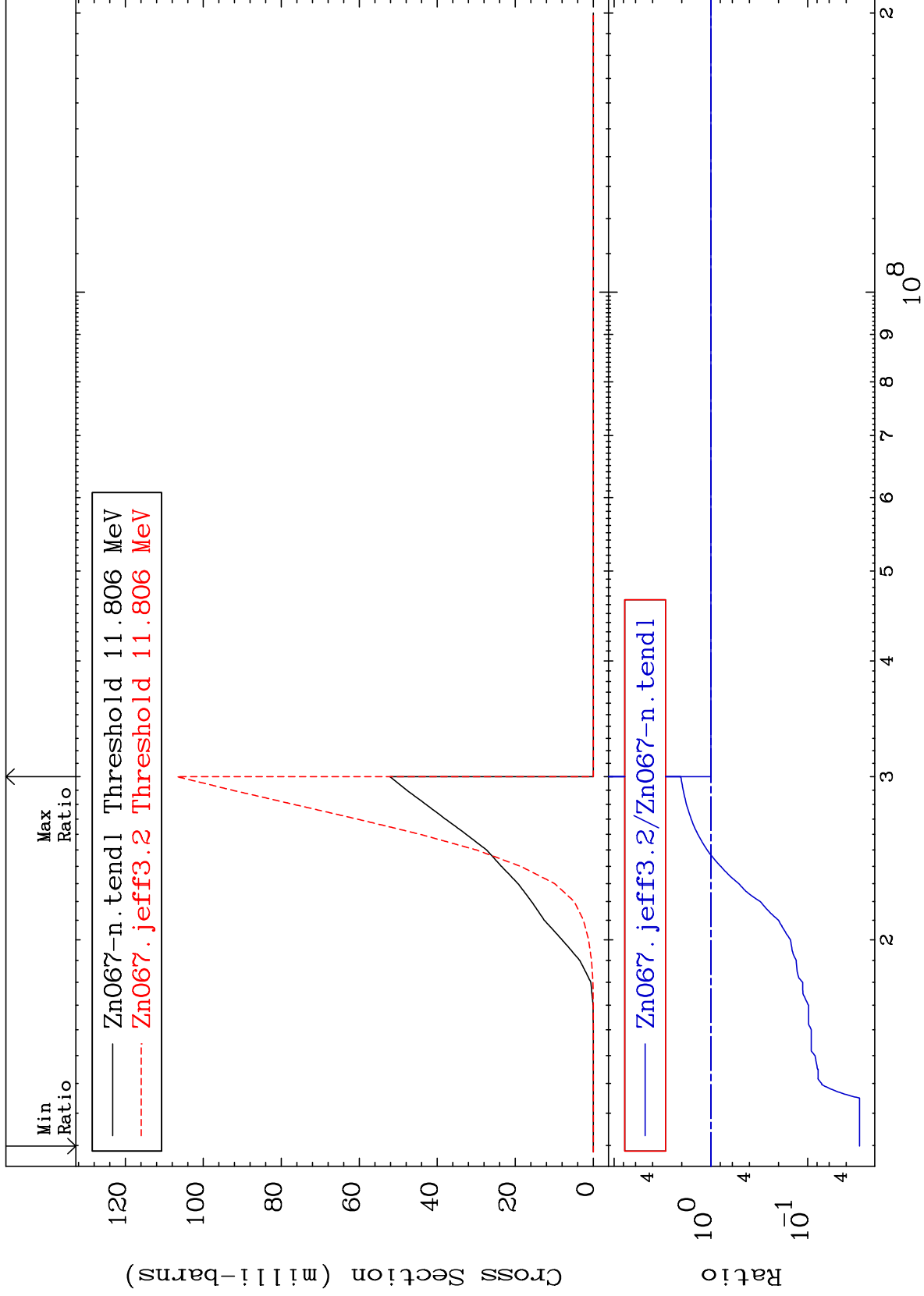
Incident Energy (eV)

30-Zn-67

MAT 3034

(n,2n) α
Cross Section

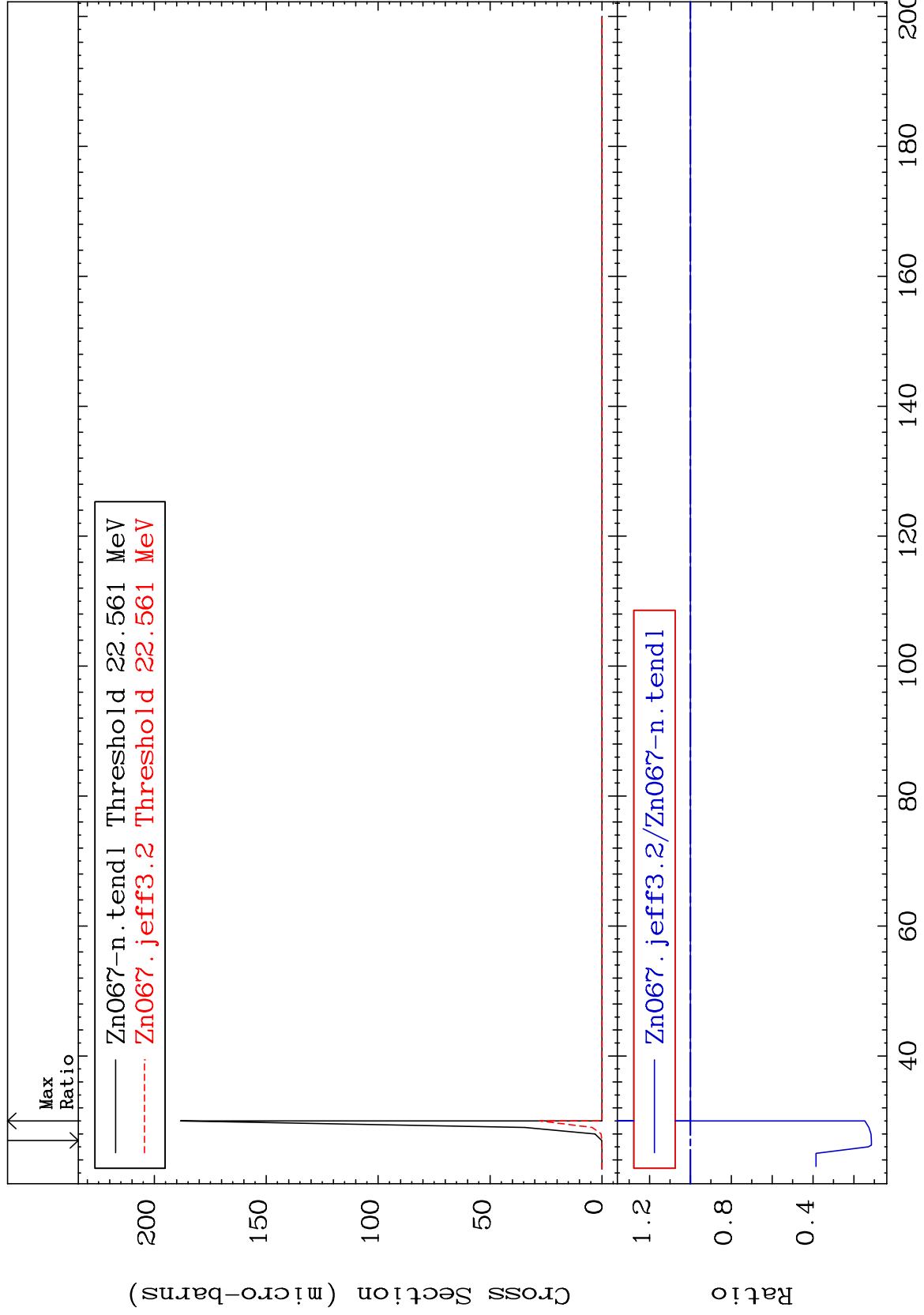
30-Zn-67
-97.09 To 104.8 %



MAT 3034

(n,3n) α
Cross Section

30-Zn-67
-88.52 To 0.000 %



10

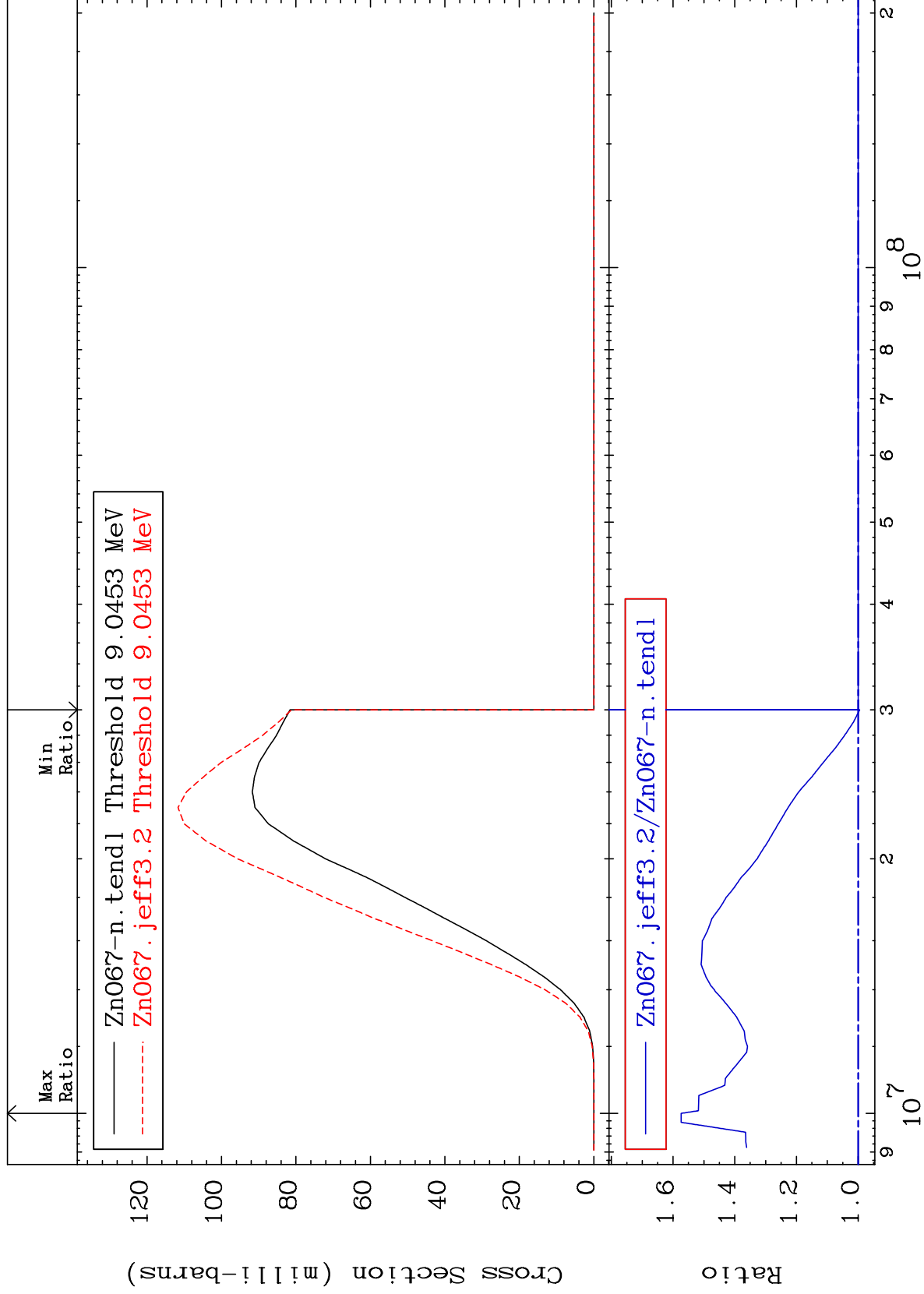
Incident Energy (MeV)

30-Zn-67

MAT 3034

(n,n') p
Cross Section

30-Zn-67
-0.483 To 57.37 %



11

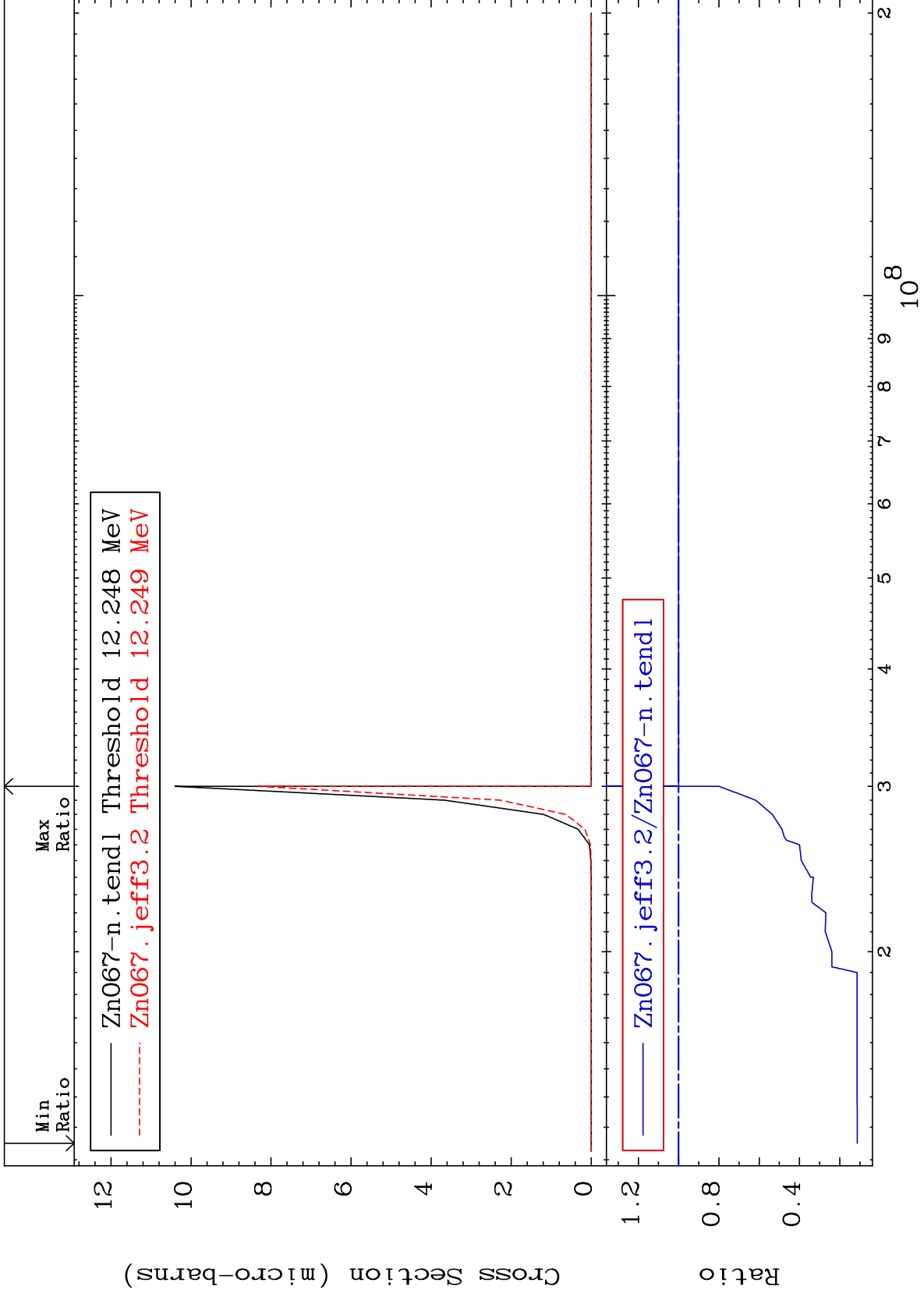
Incident Energy (eV)

30-Zn-67

MAT 3034

(n, n') 2α
Cross Section

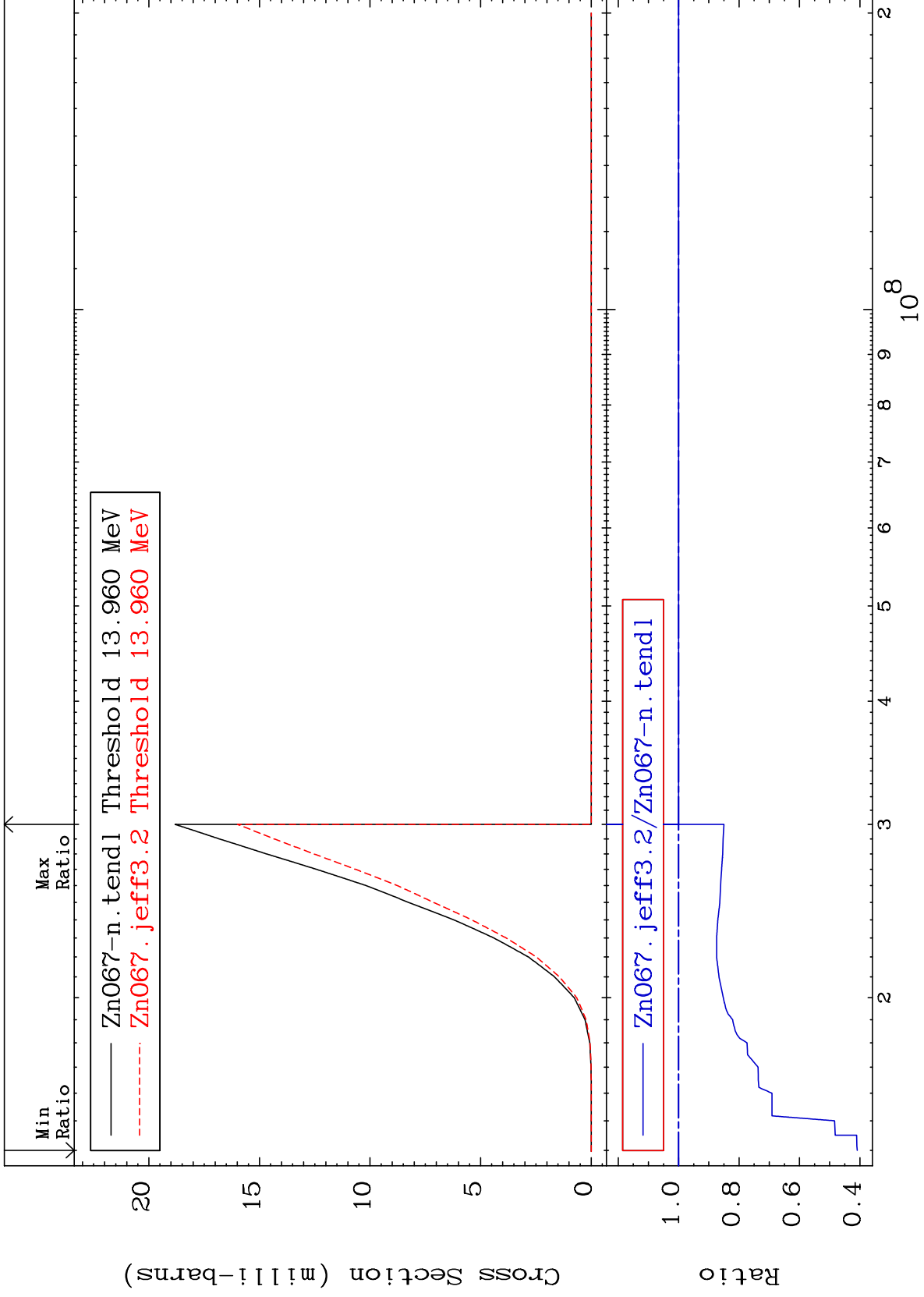
30-Zn-67
-88.70 To 0.000 %



MAT 3034

(n, n') d
Cross Section

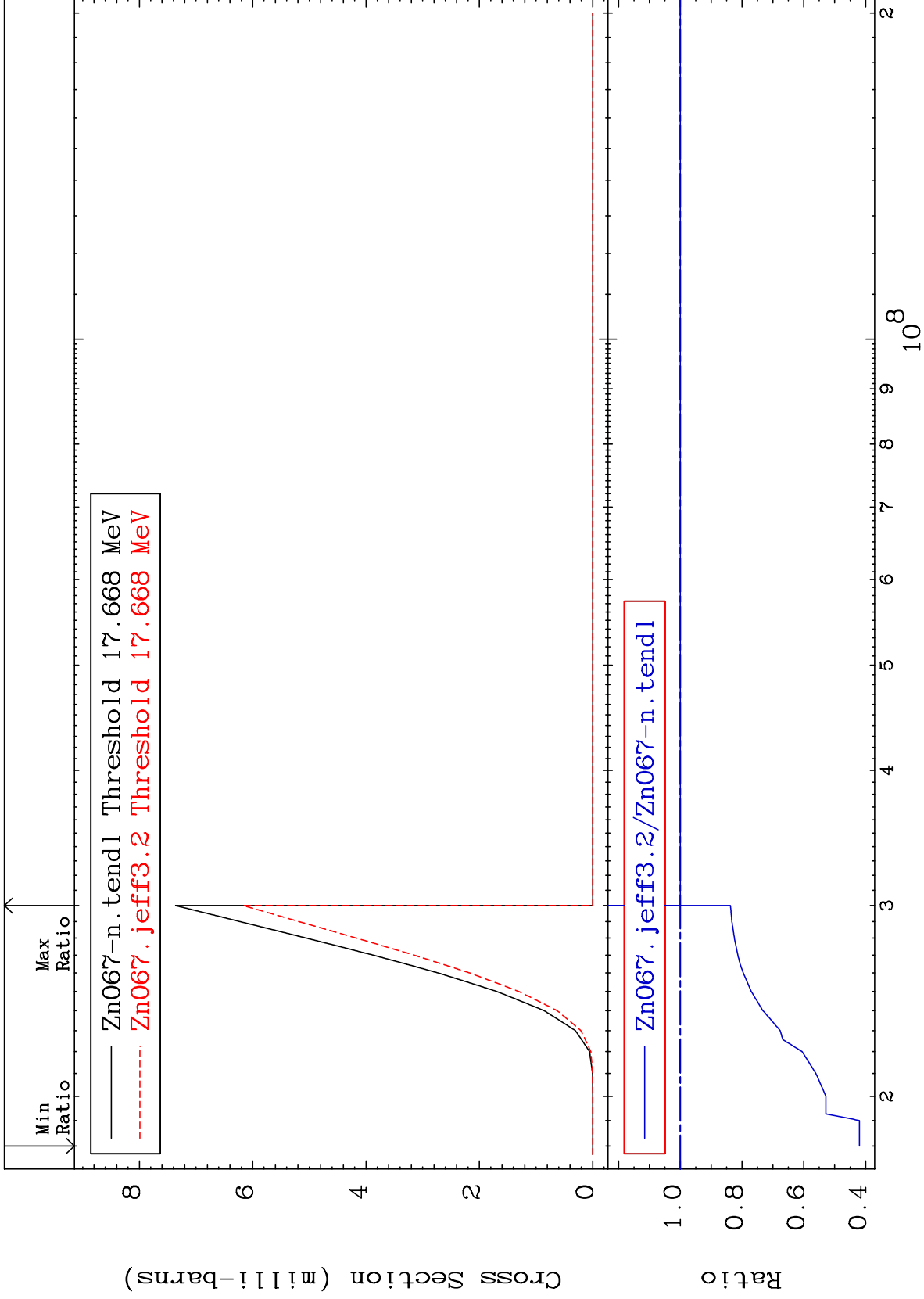
30-Zn-67
-59.13 To 0.000 %



MAT 3034

(n,n') t
Cross Section

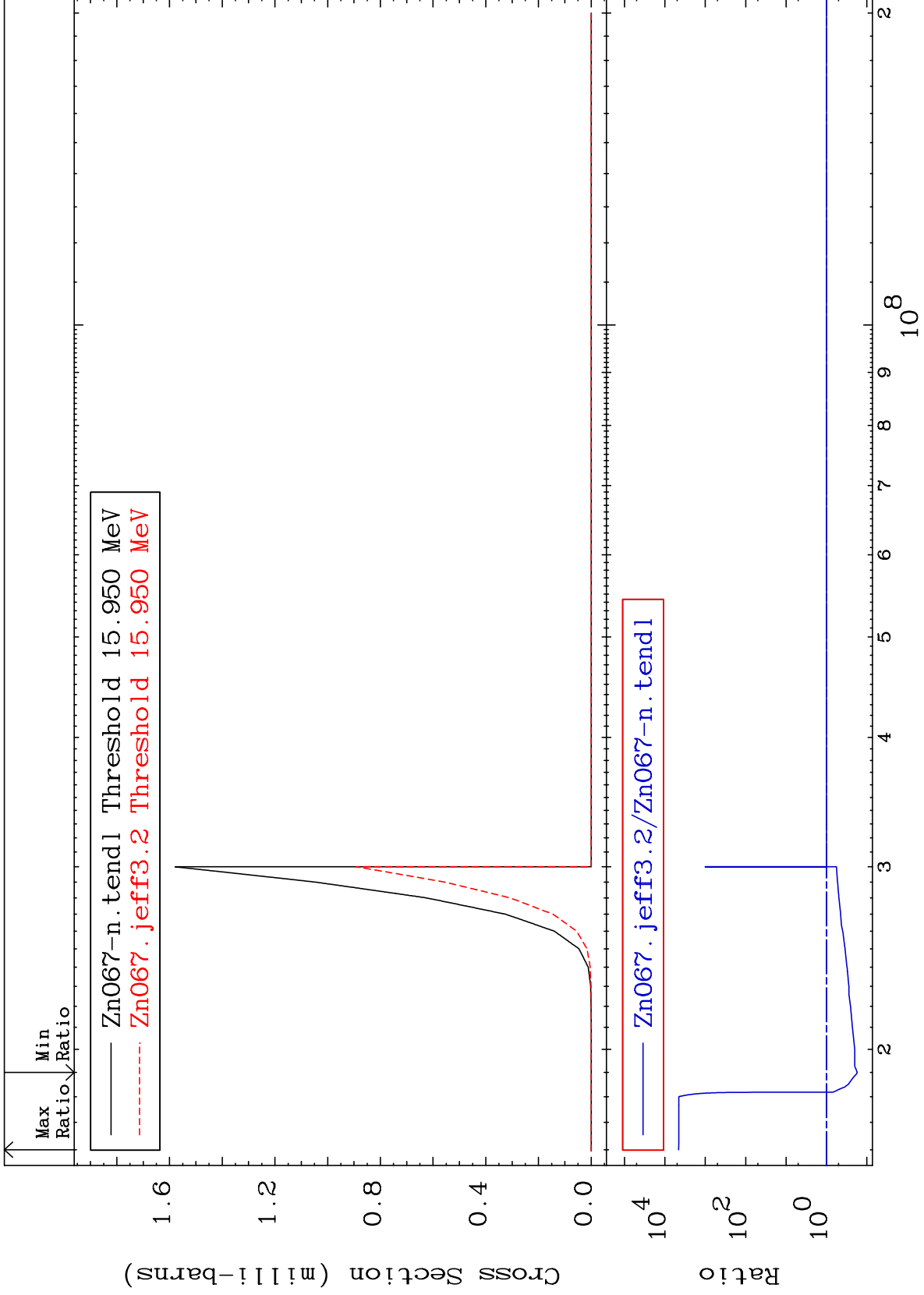
30-Zn-67
-58.01 To 0.000 %



14

30-Zn-67

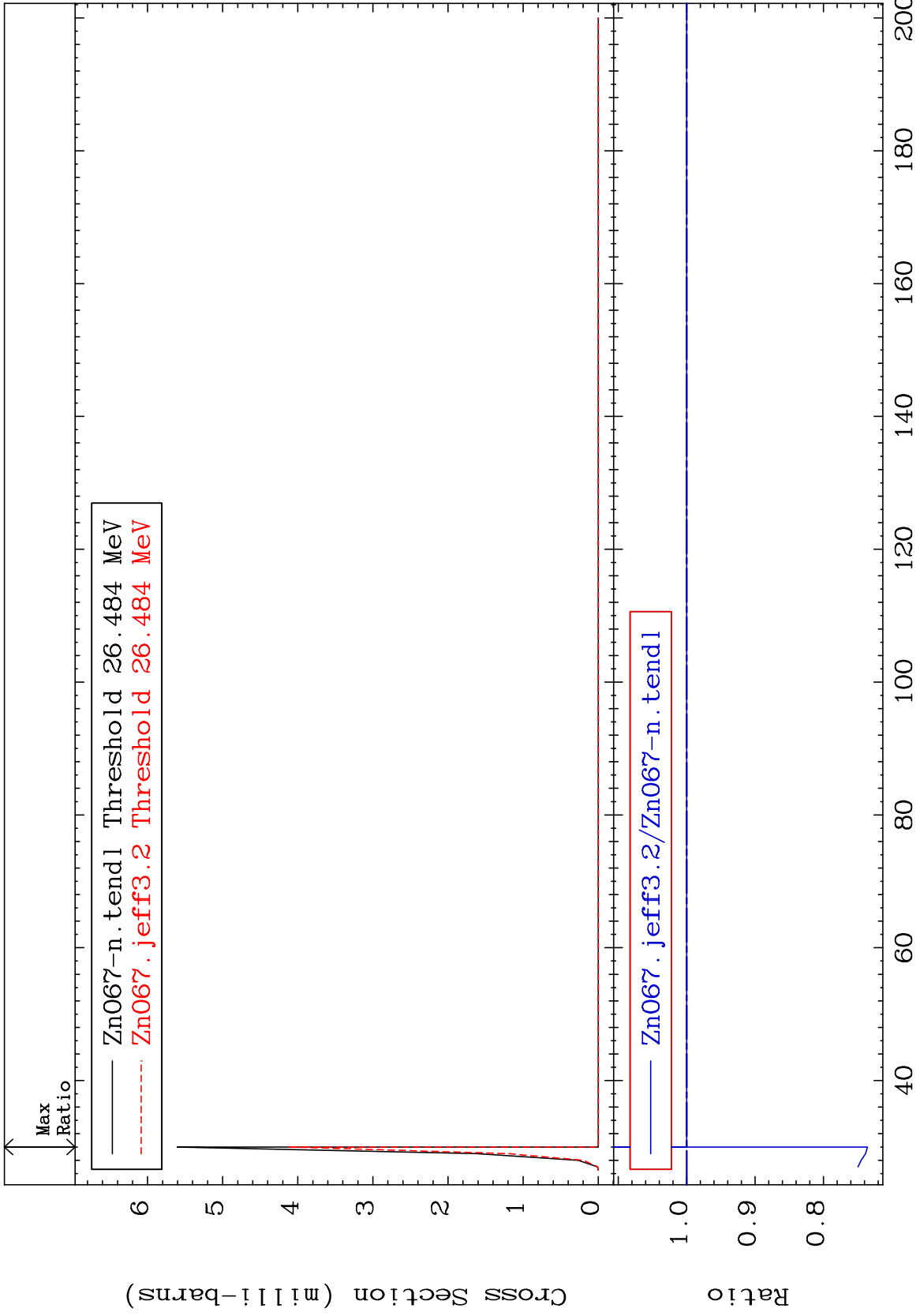
30-Zn-67



MAT 3034

(n,4n)
Cross Section

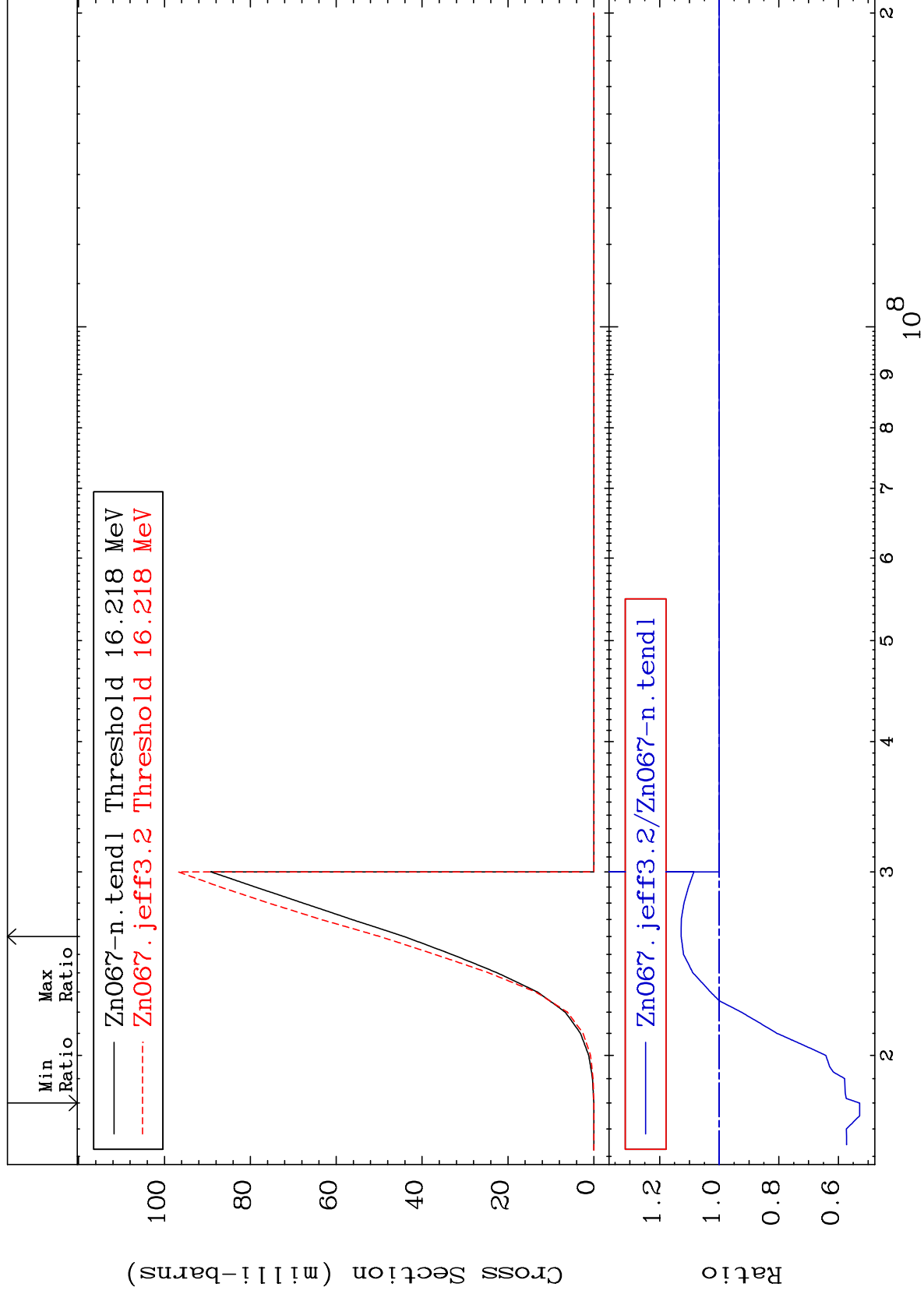
30-Zn-67
-26.43 To 0.000 %



MAT 3034

(n,2n) p
Cross Section

30-Zn-67
-47.13 To 12.77 %



17

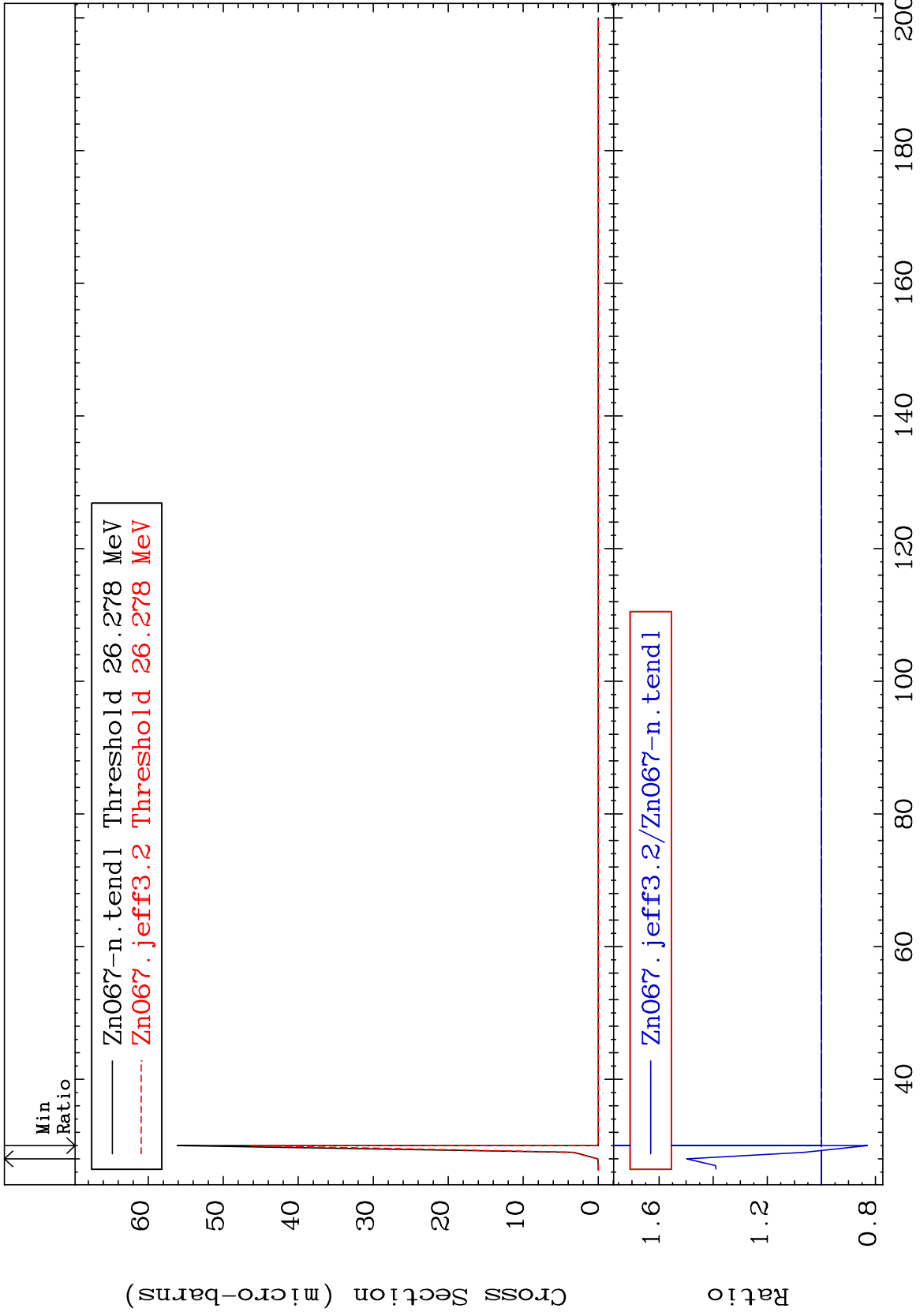
Incident Energy (eV)

30-Zn-67

MAT 3034

(n,3n) p
Cross Section

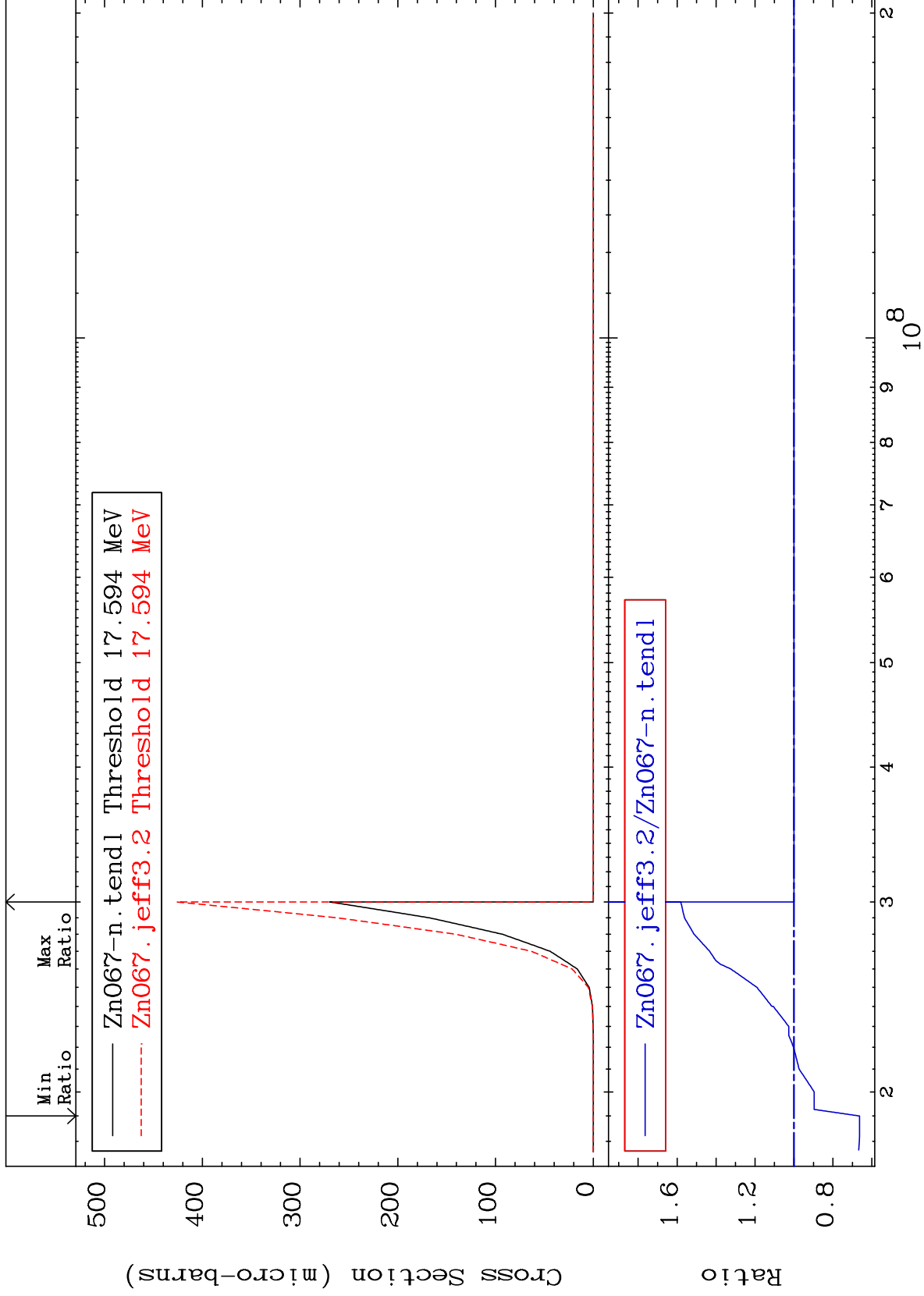
30-Zn-67
-17.02 To 49.78 %



MAT 3034

(n,2n) p
Cross Section

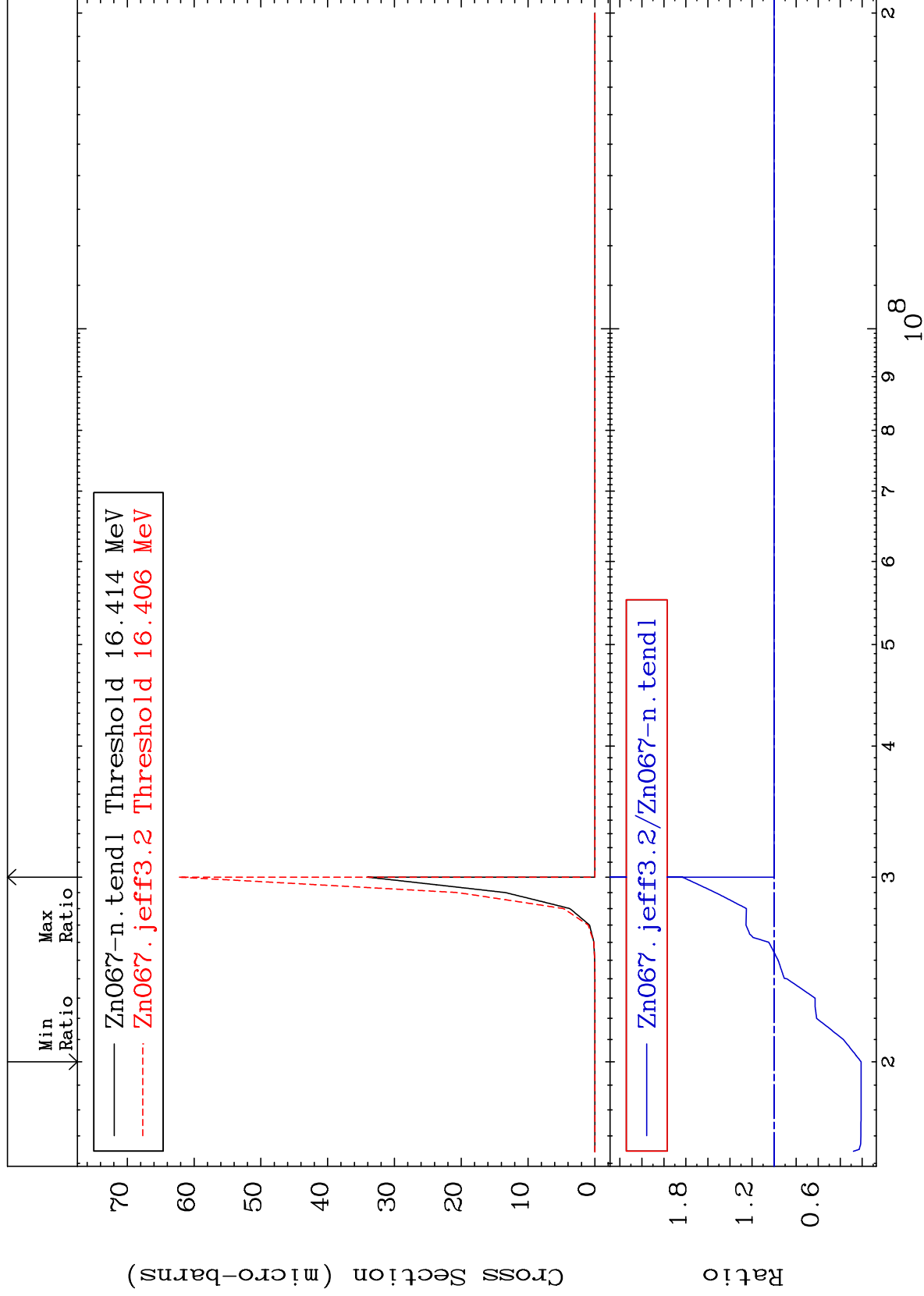
30-Zn-67
-33.66 To 58.12 %



MAT 3034

(n,n') p α
Cross Section

30-Zn-67
-78.98 To 83.25 %



20

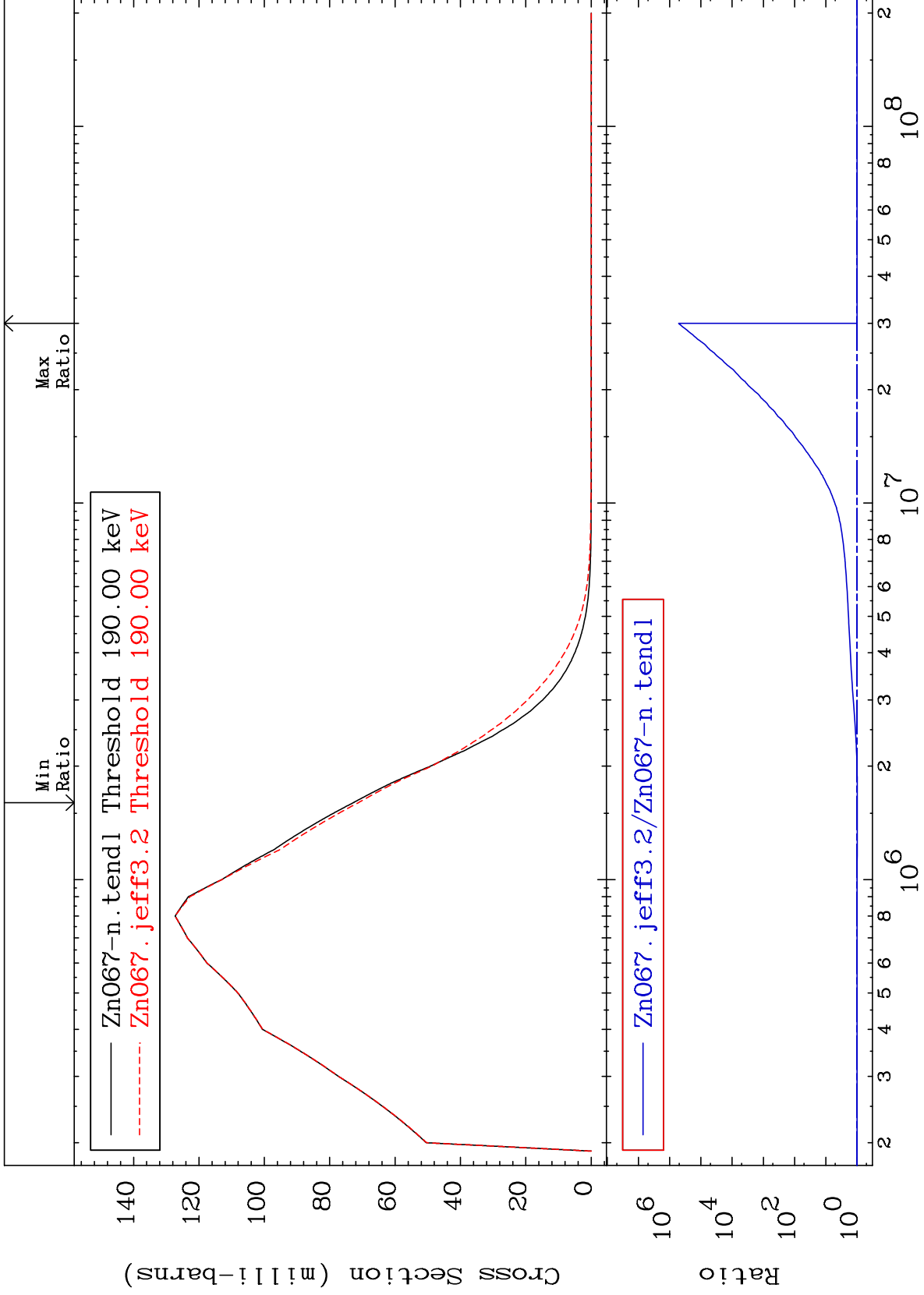
Incident Energy (eV)

30-Zn-67

MAT 3034

93.31 keV (n,n') Level
Cross Section

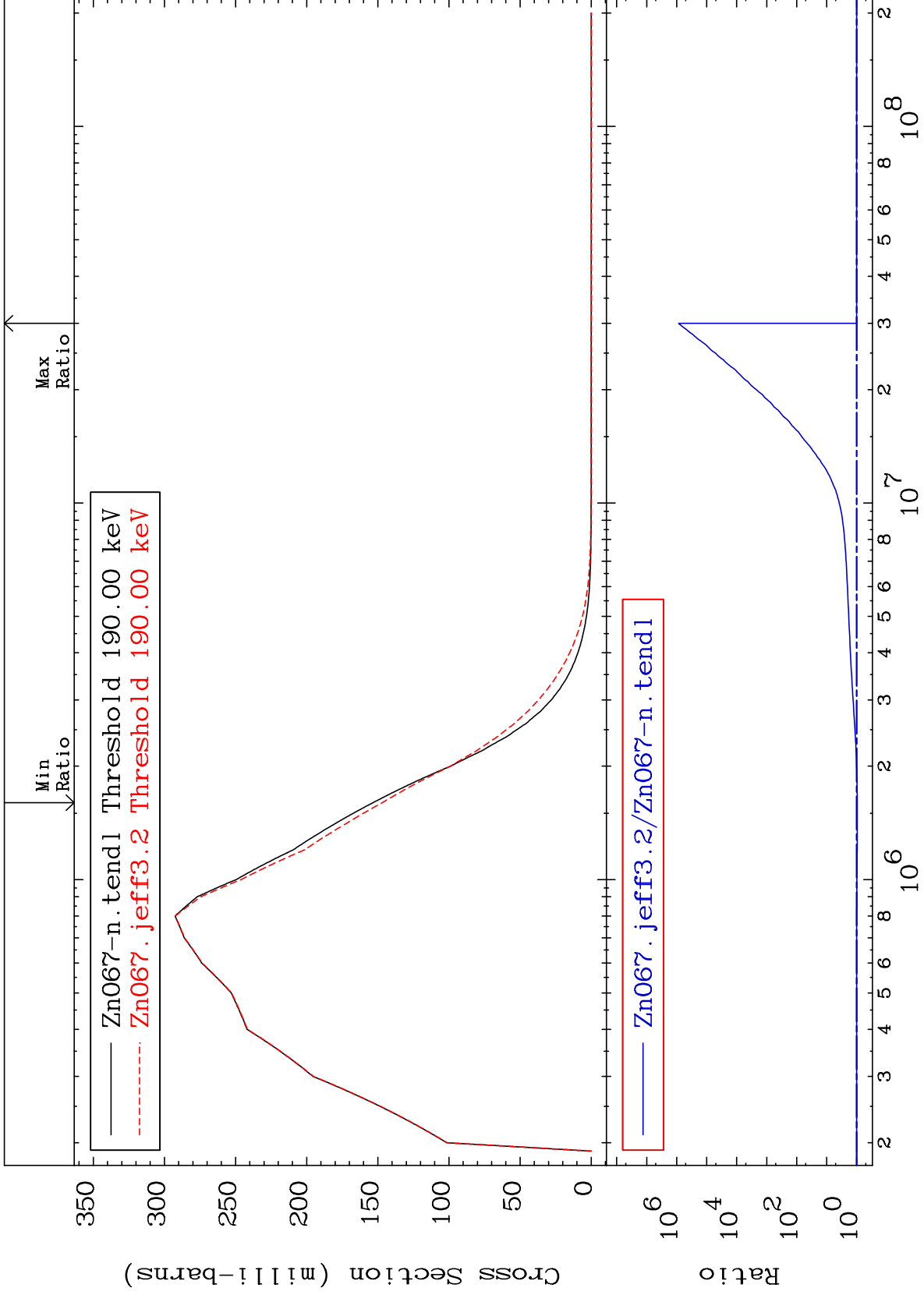
30-Zn-67
-2.123 To 9999. %



MAT 3034

184.6 keV (n,n') Level
Cross Section

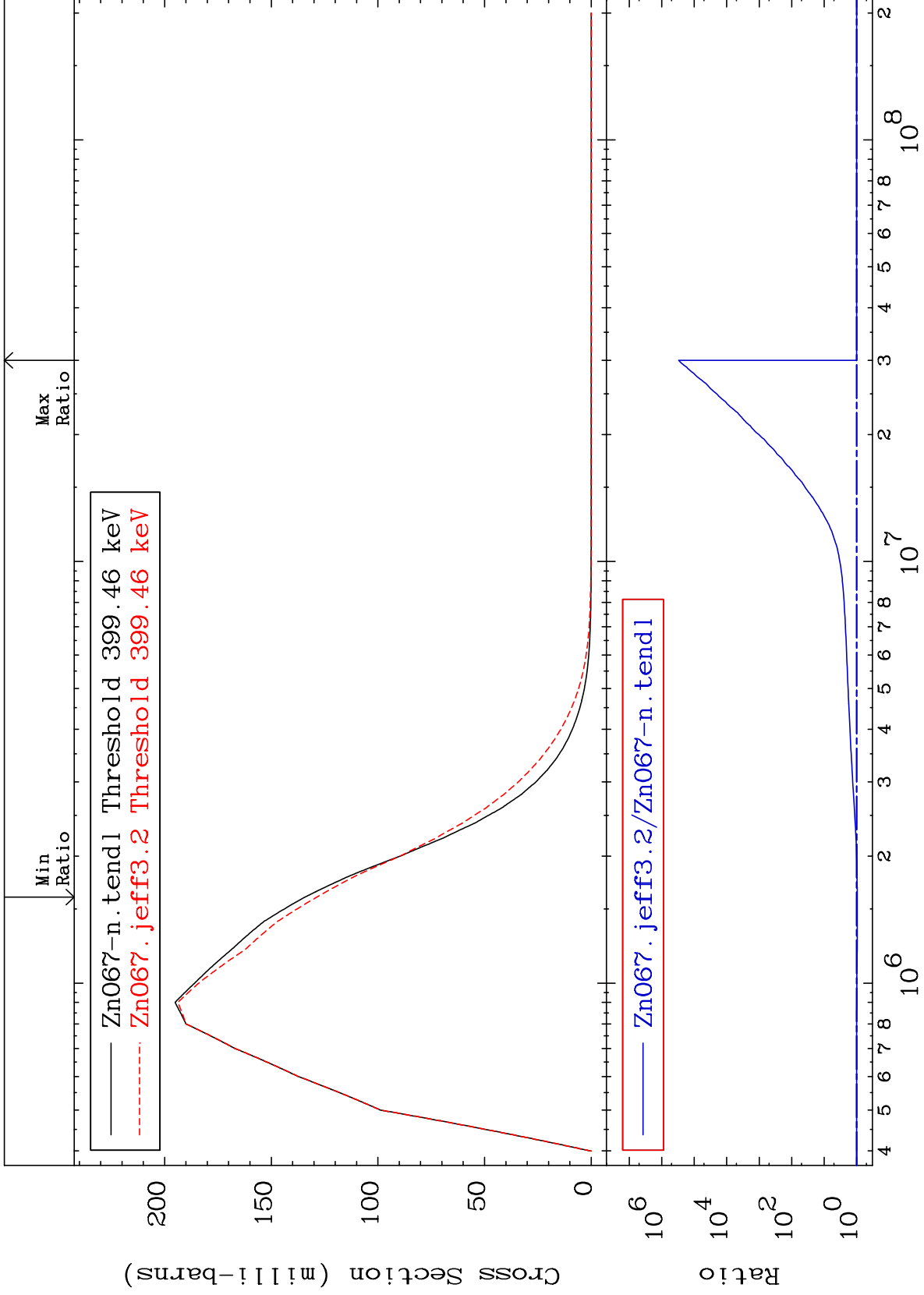
30-Zn-67
-4.225 To 9999. %



MAT 3034

393.5 keV (n,n') Level
Cross Section

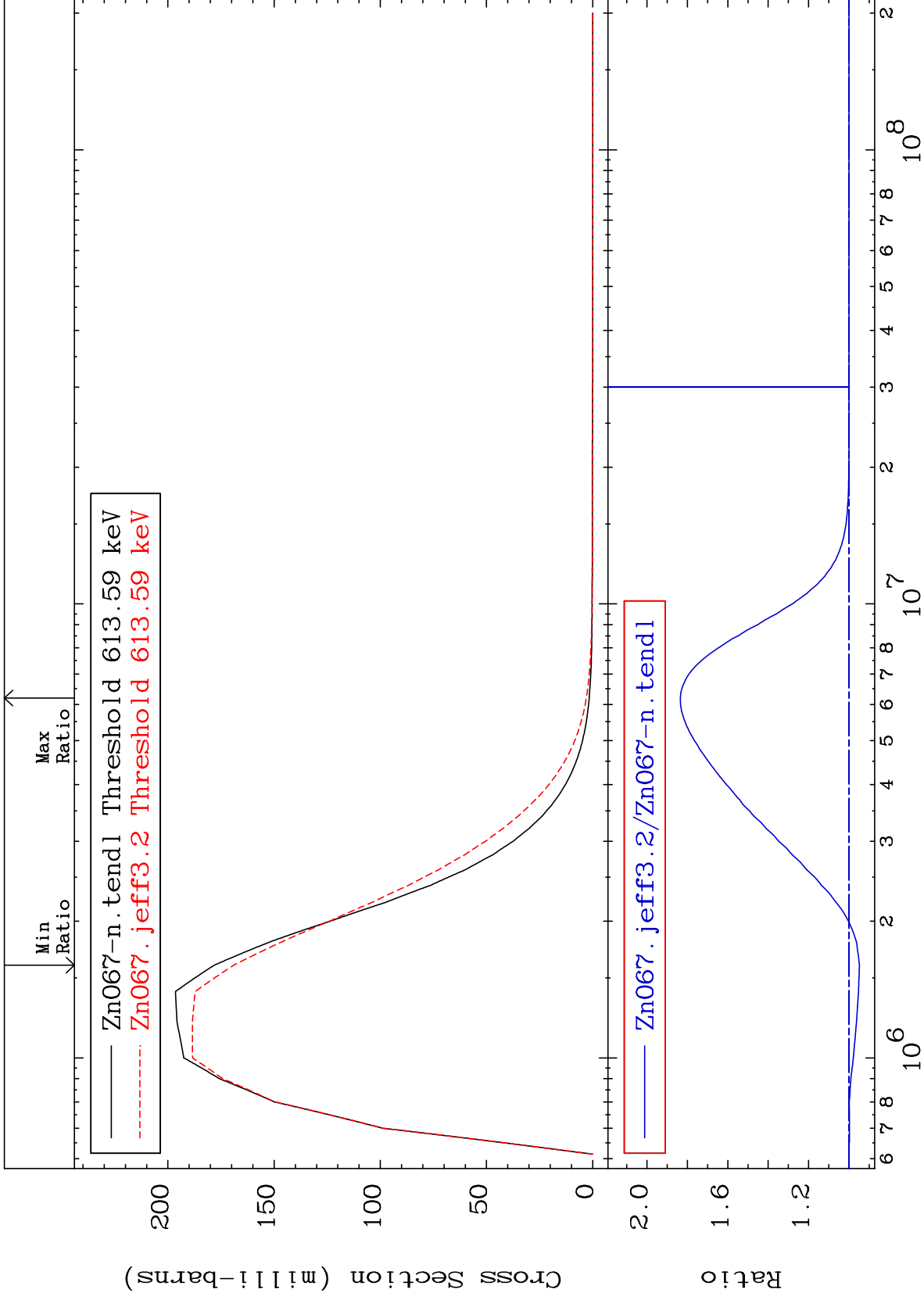
30-Zn-67
-4.177 To 9999. %



MAT 3034

604.5 keV (n,n') Level
Cross Section

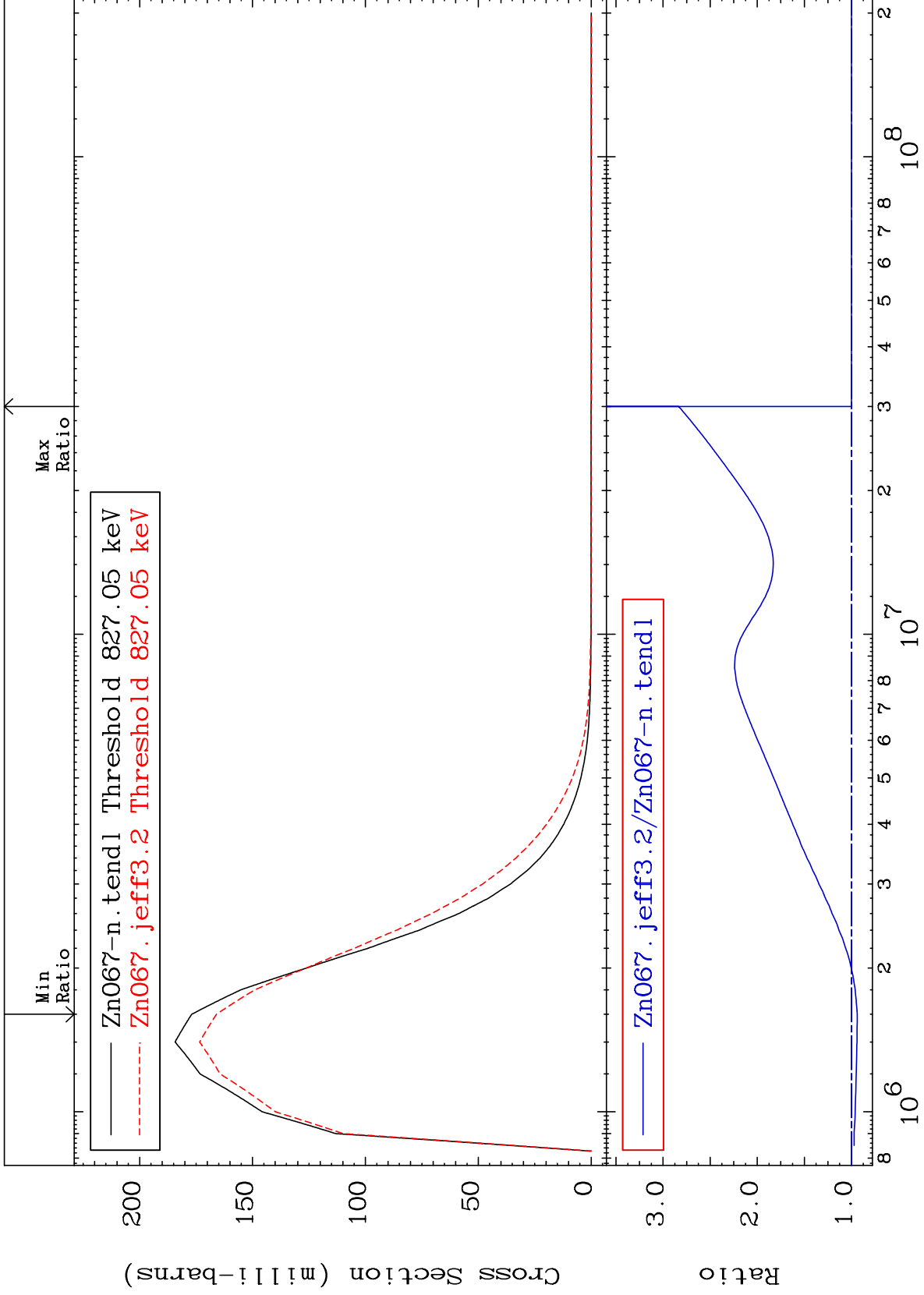
30-Zn-67
-5.155 To 83.46 %



MAT 3034

814.8 keV (n,n') Level
Cross Section

30-Zn-67
-6.188 To 183.5 %



25

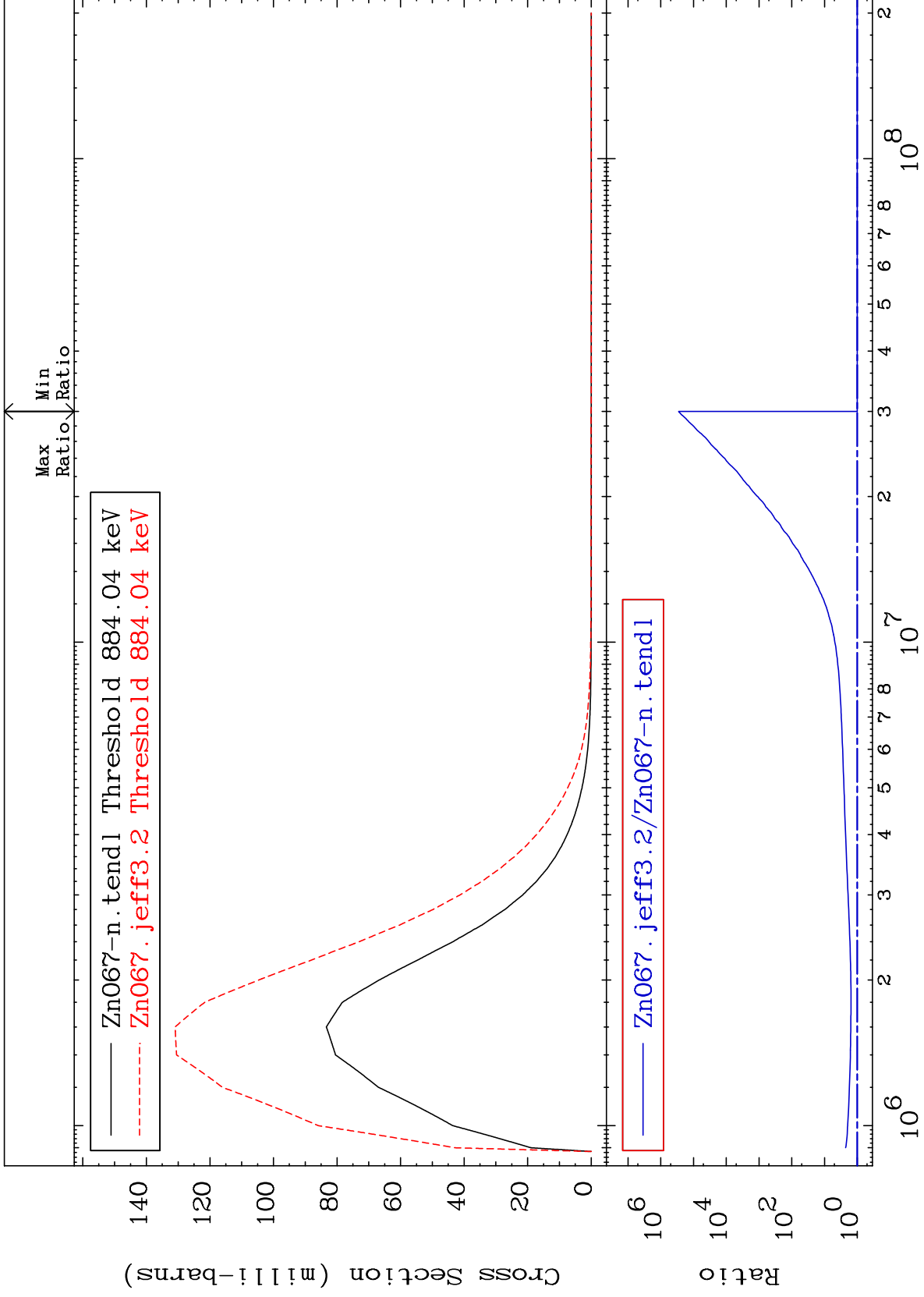
Incident Energy (eV)

30-Zn-67

MAT 3034

870.9 keV (n,n') Level
Cross Section

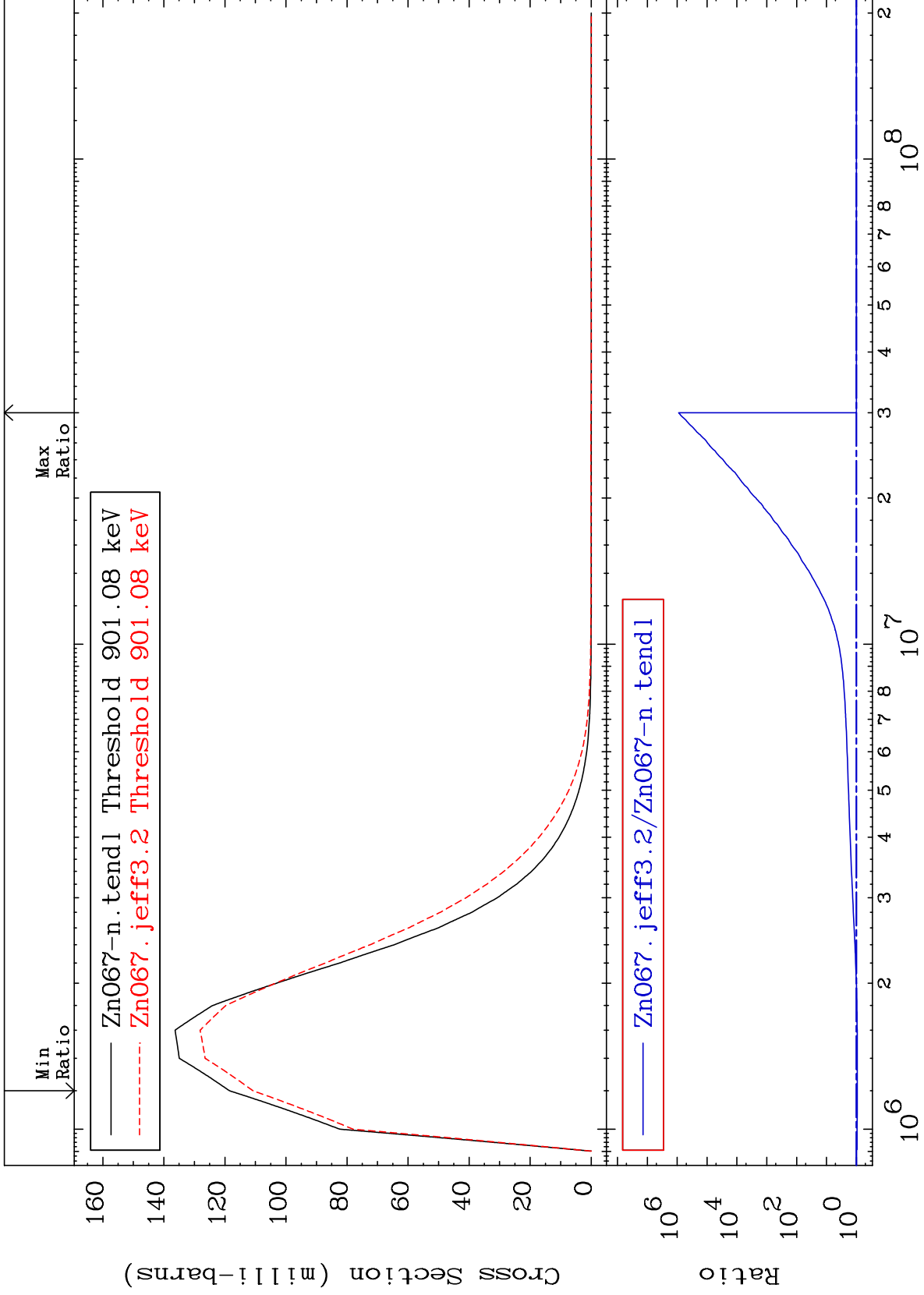
0.000 To 9999. %
30-Zn-67



MAT 3034

887.7 keV (n,n') Level
Cross Section

30-Zn-67
-6.500 To 9999. %



27

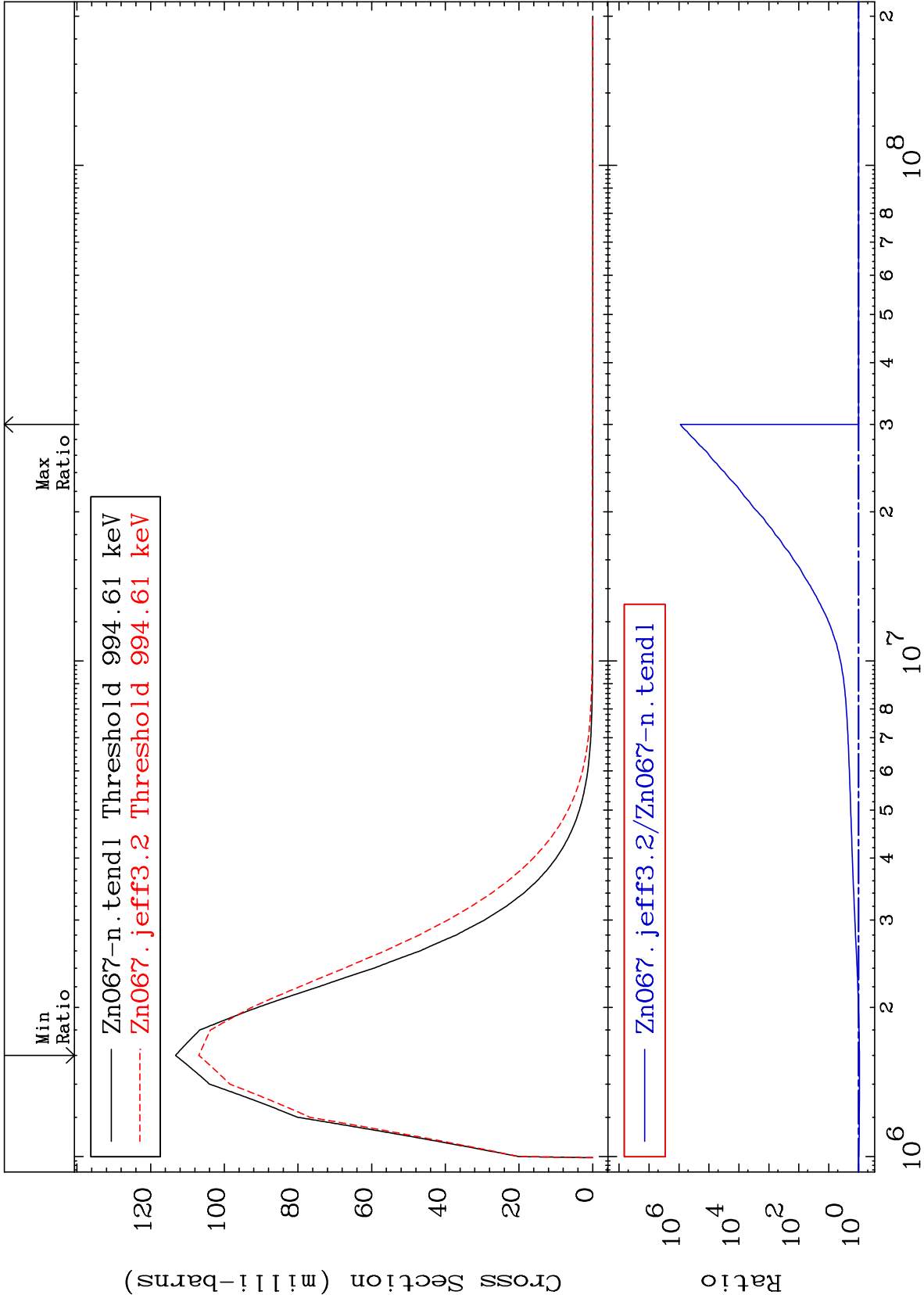
Incident Energy (eV)

30-Zn-67

MAT 3034

979.8 keV (n,n') Level
Cross Section

30-Zn-67
-5.594 To 9999. %



28

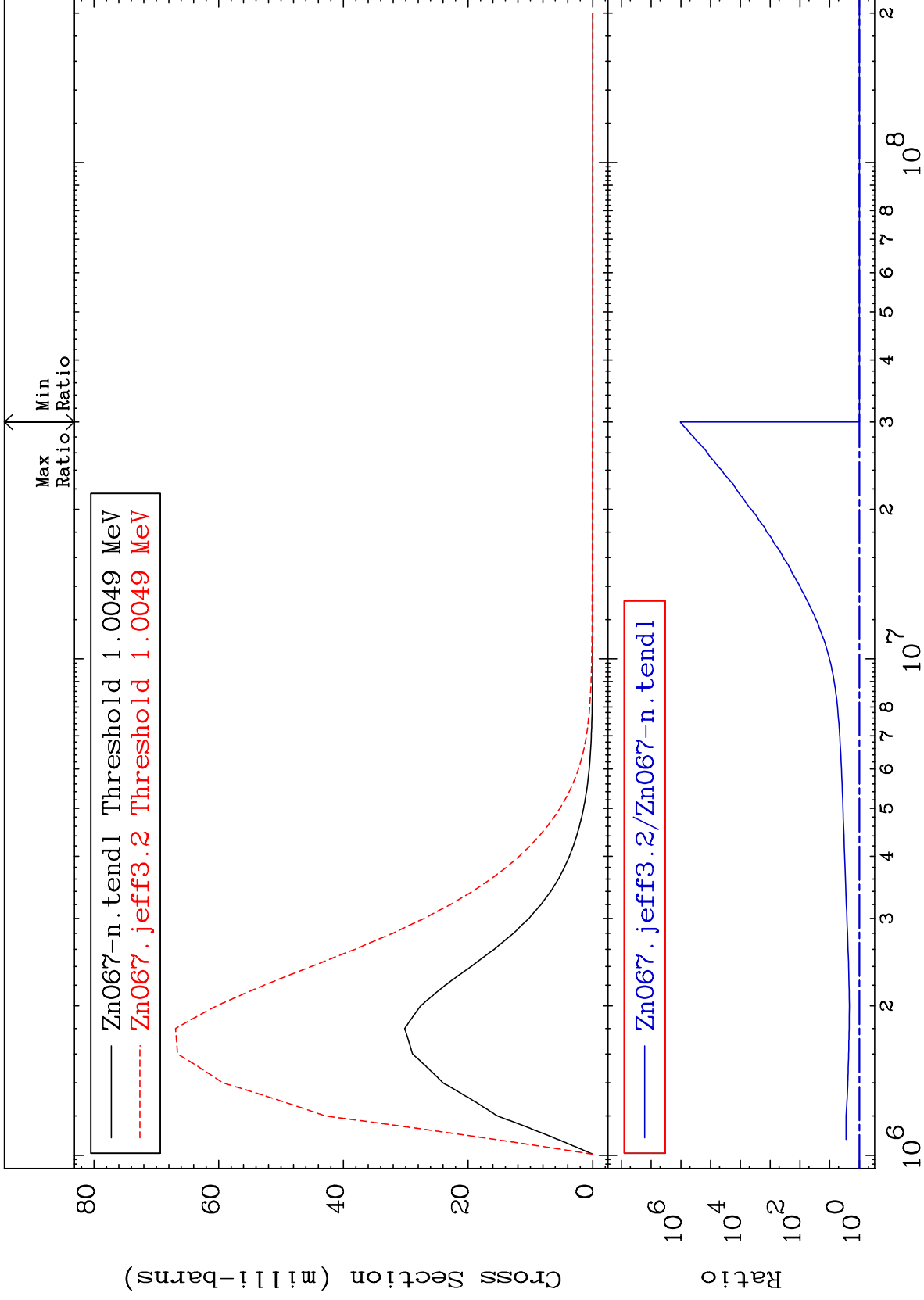
Incident Energy (eV)

30-Zn-67

MAT 3034

990.0 keV (n,n') Level
Cross Section

30-Zn-67
0.000 To 9999. %



29

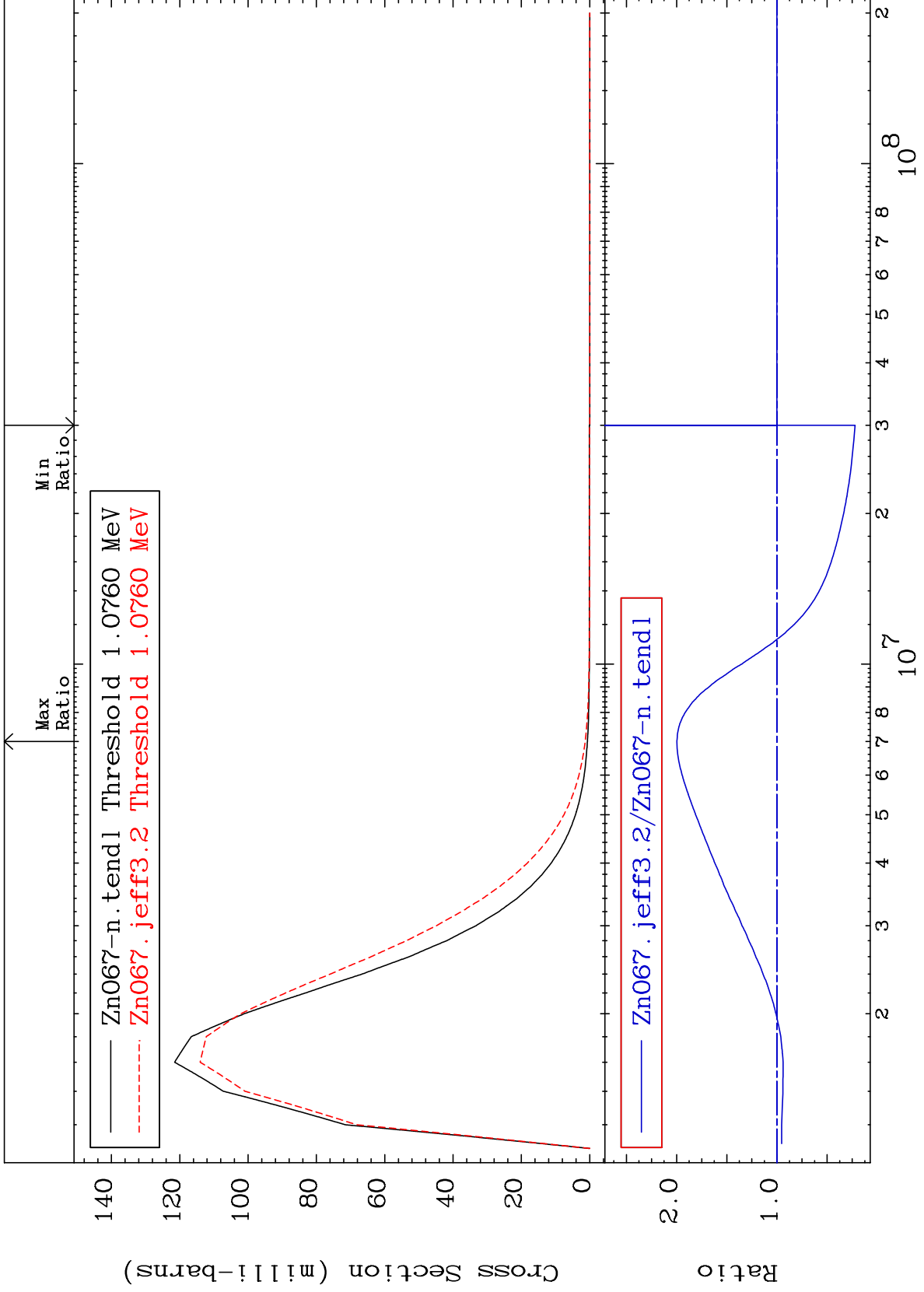
Incident Energy (eV)

30-Zn-67

MAT 3034

1.060 MeV (n,n') Level
Cross Section

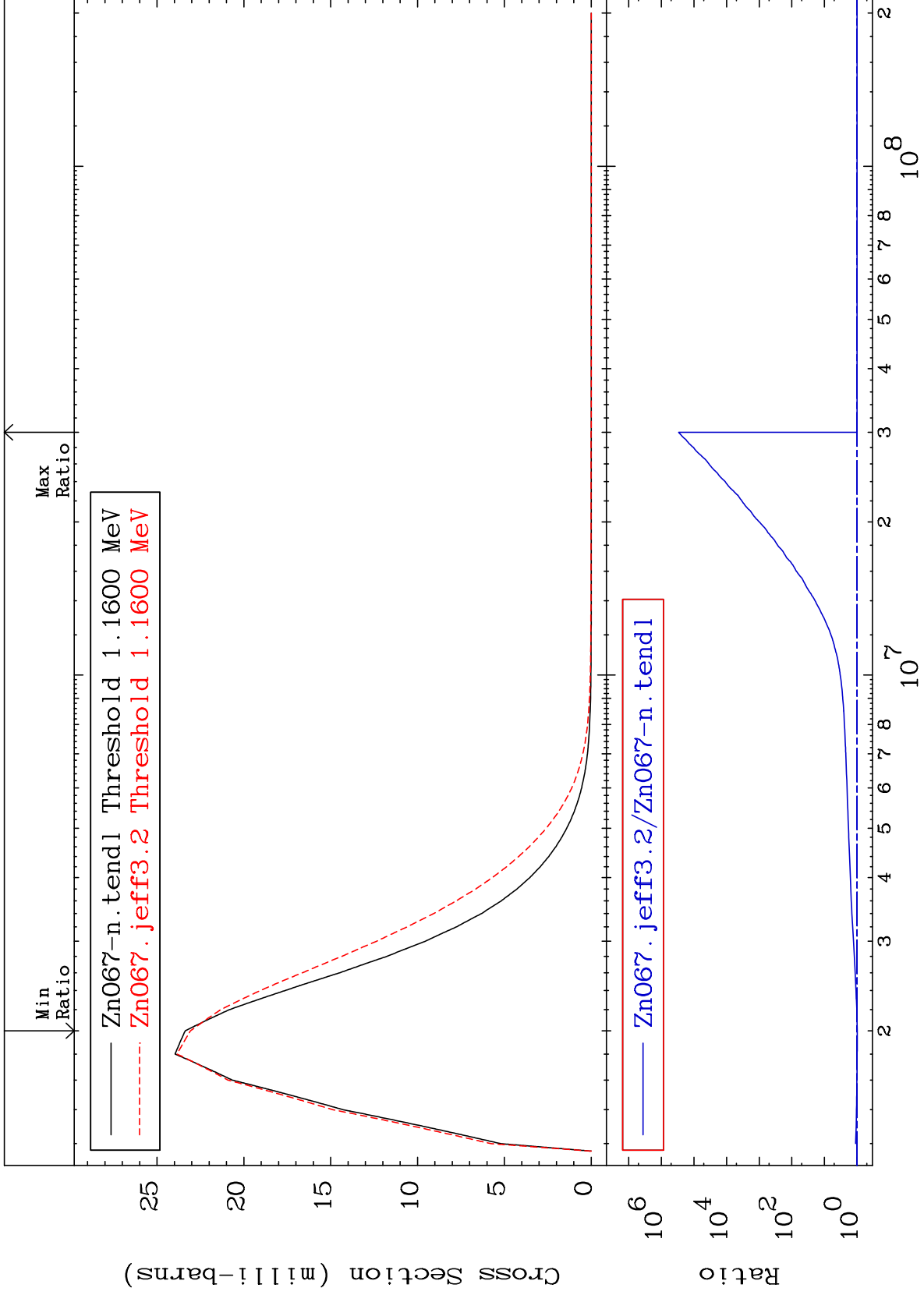
30-Zn-67
-77.83 To 99.66 %



MAT 3034

1.143 MeV (n,n') Level
Cross Section

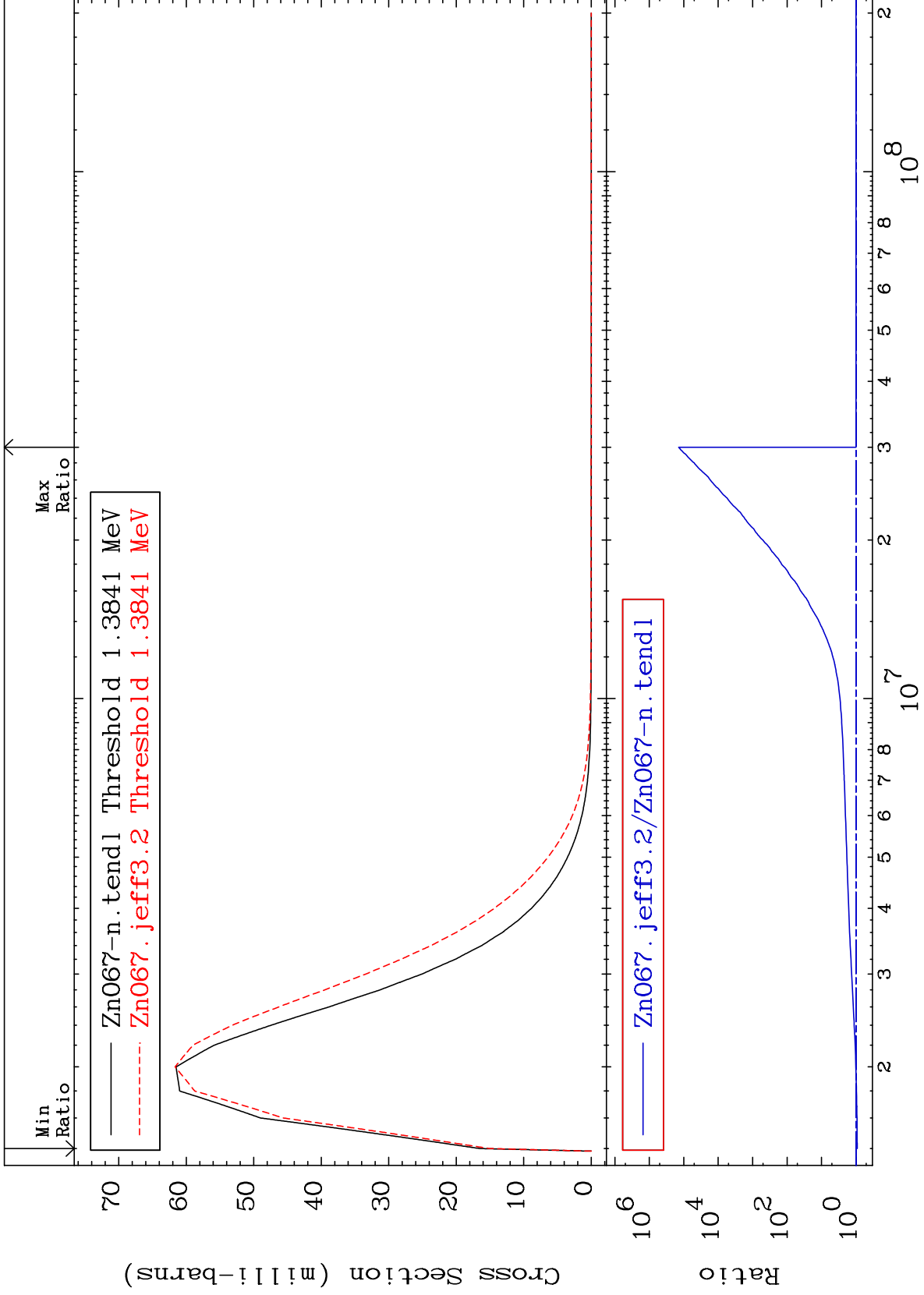
30-Zn-67
-1.296 To 9999. %



MAT 3034

1.364 MeV (n,n') Level
Cross Section

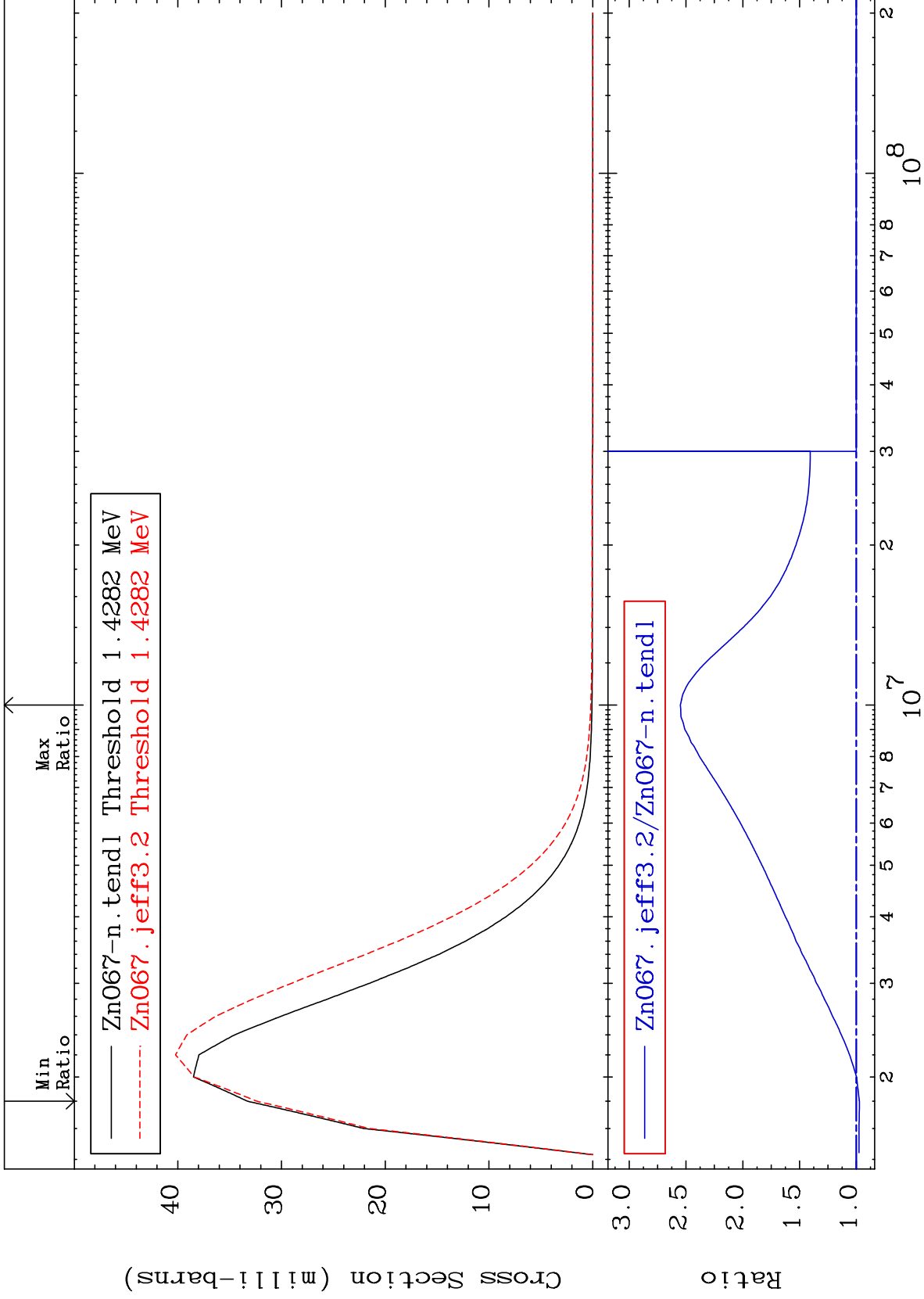
30-Zn-67
-8.525 To 9999. %



MAT 3034

1.407 MeV (n,n') Level
Cross Section

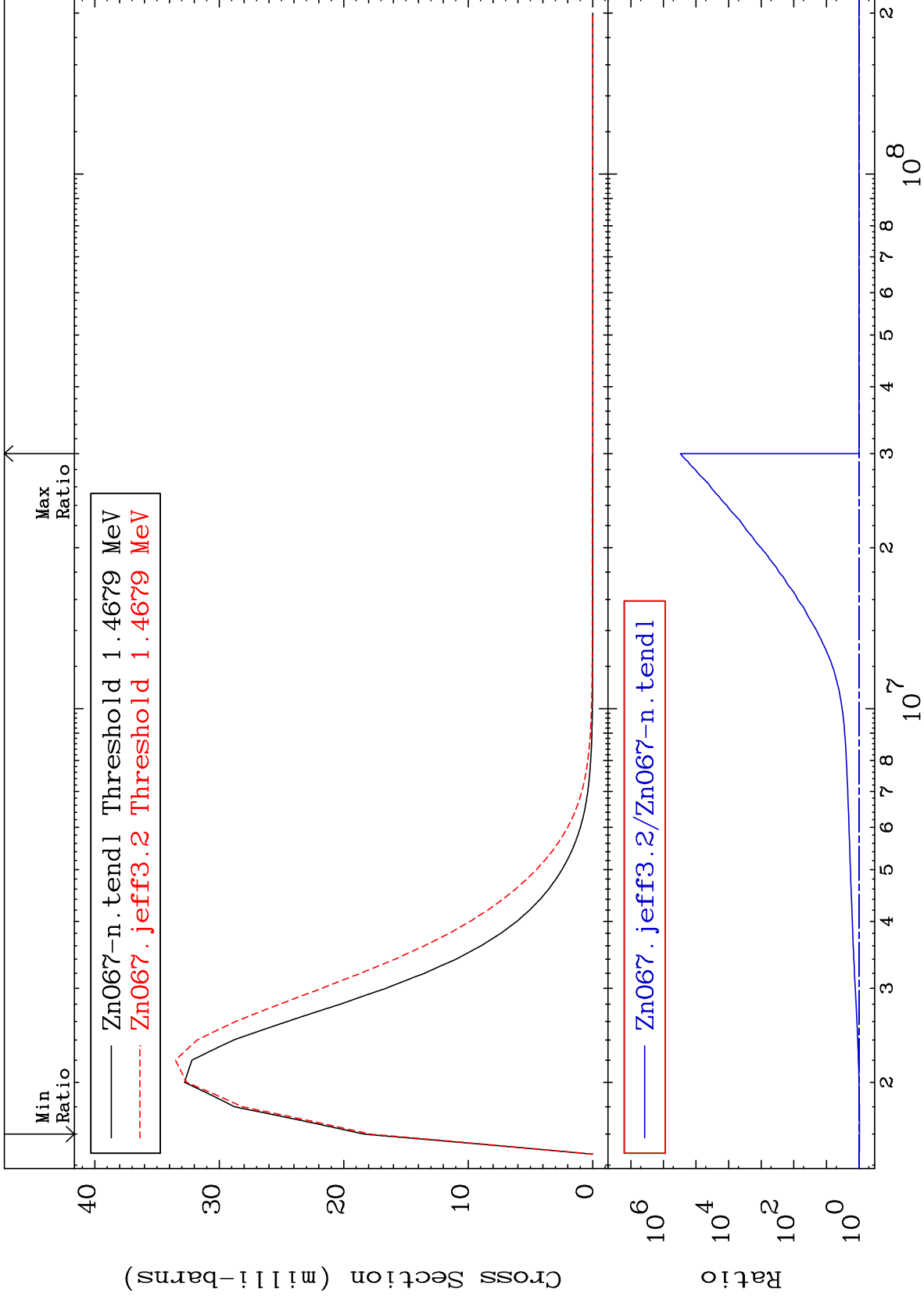
30-Zn-67
-2.723 To 155.0 %



MAT 3034

1.446 MeV (n,n') Level
Cross Section

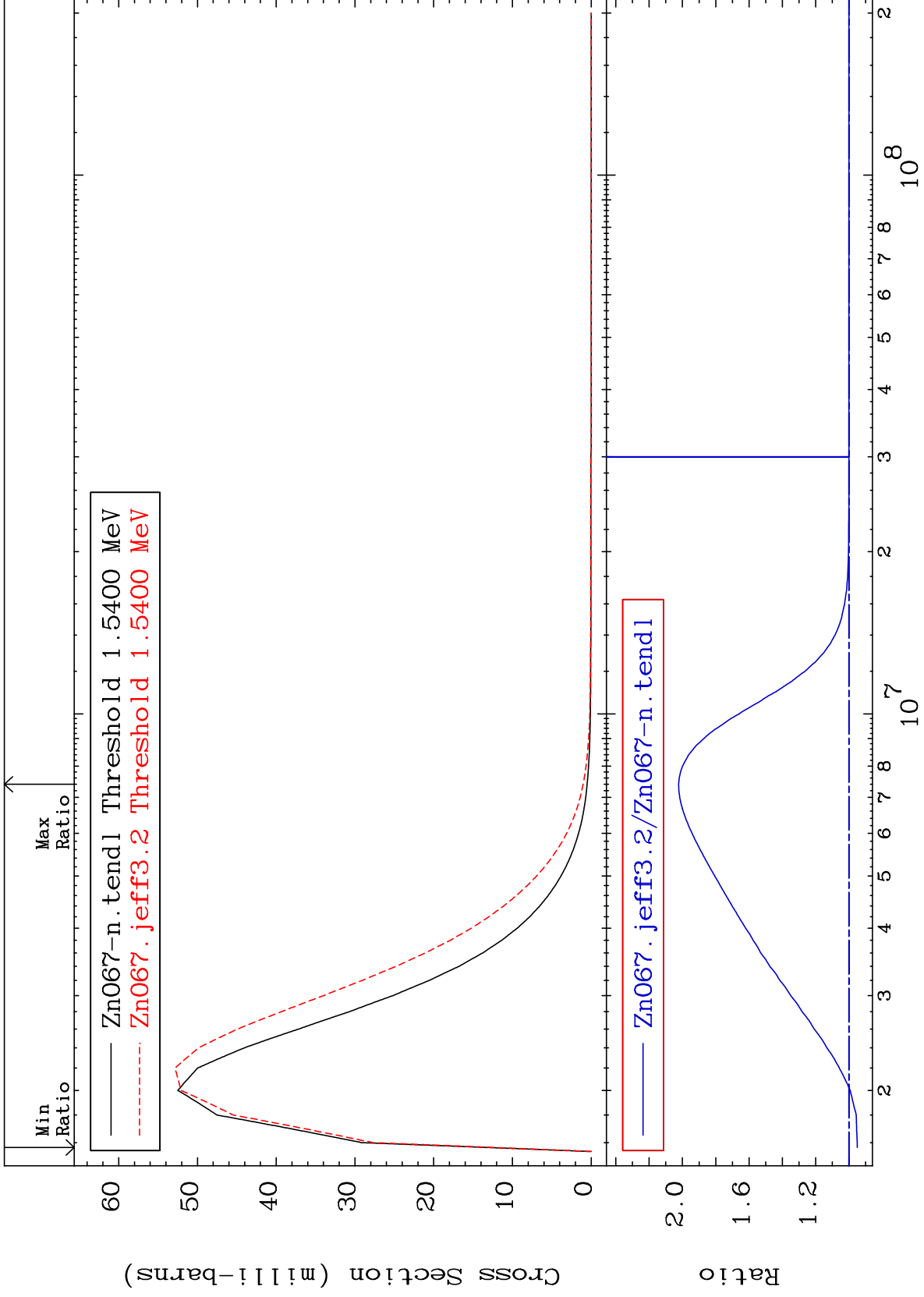
30-Zn-67
-2.720 To 9999. %



MAT 3034

1.517 MeV (n,n') Level
Cross Section

30-Zn-67
-4.999 To 102.3 %



35

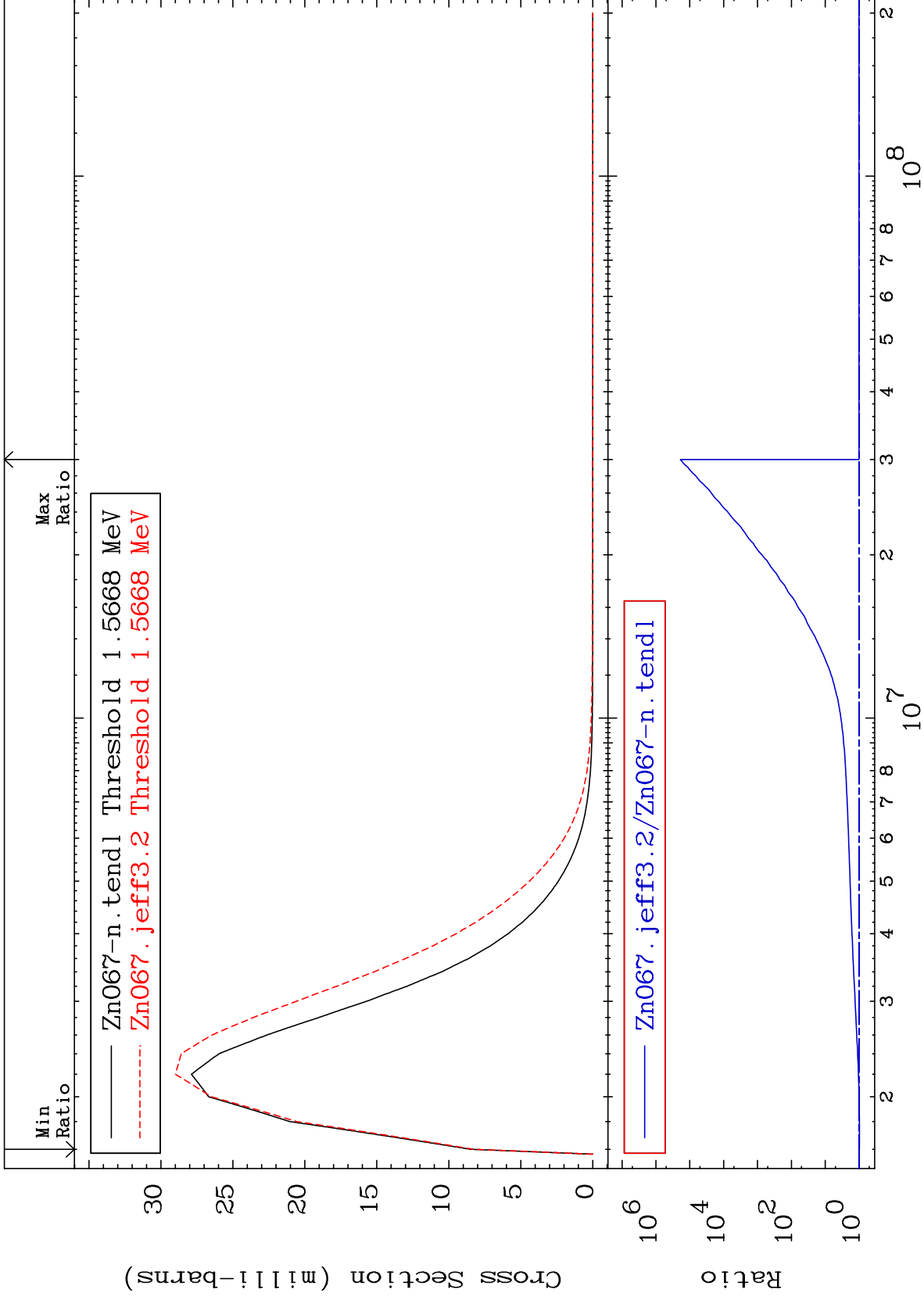
Incident Energy (eV)

30-Zn-67

MAT 3034

1.543 MeV (n,n') Level
Cross Section

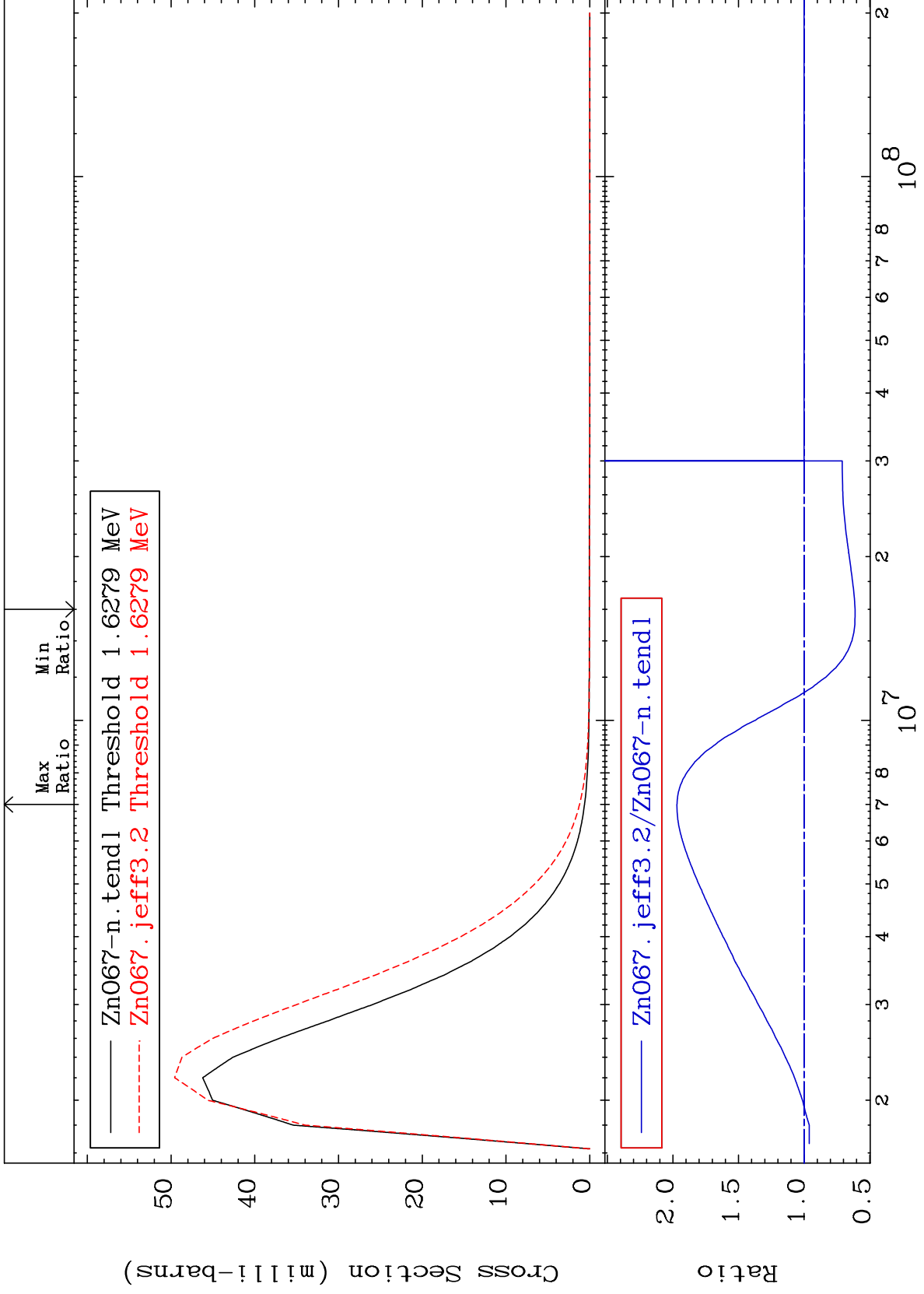
30-Zn-67
-2.493 To 9999. %



MAT 3034

1.604 MeV (n,n') Level
Cross Section

30-Zn-67
-38.84 To 96.94 %



37

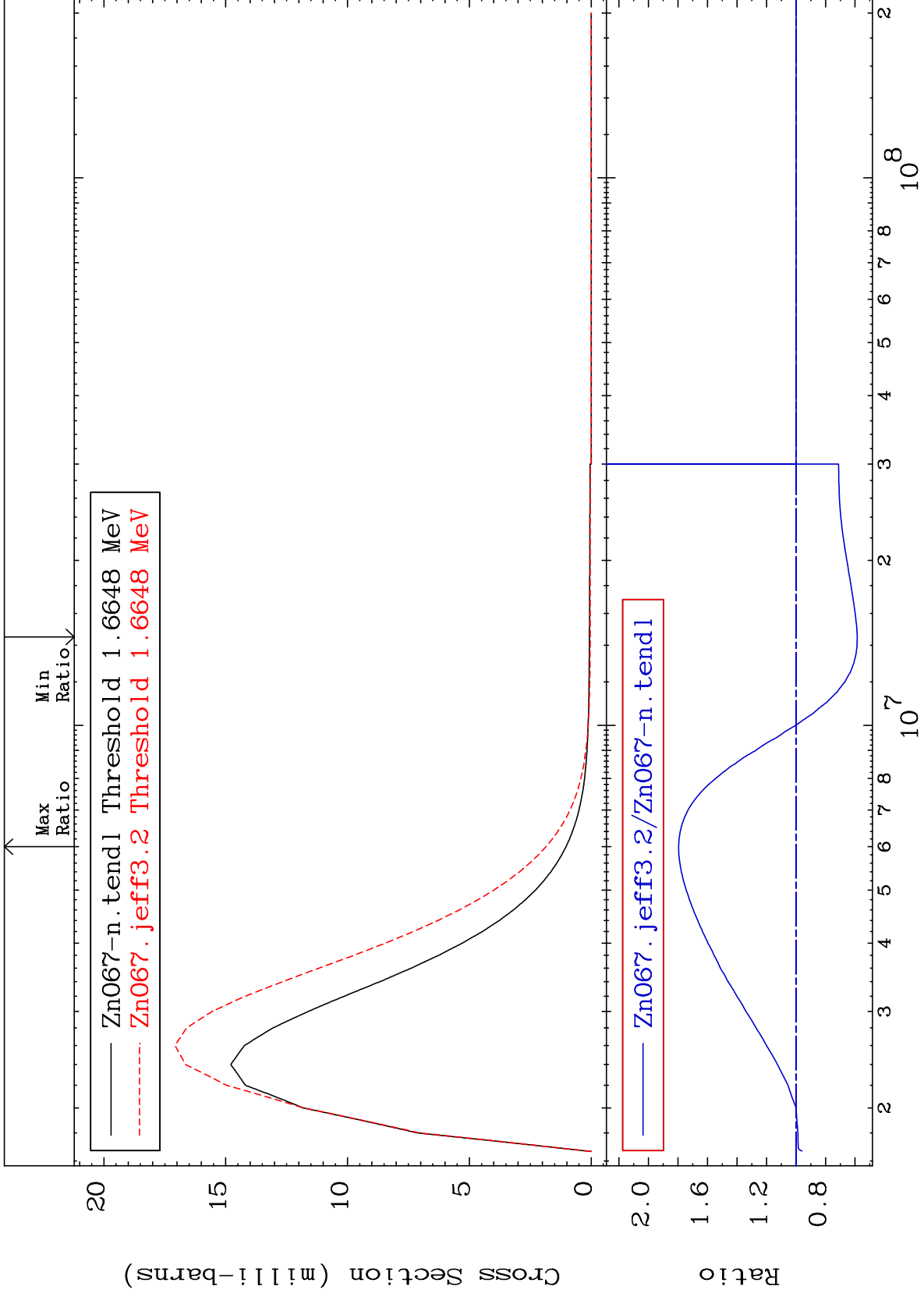
Incident Energy (eV)

30-Zn-67

MAT 3034

1.640 MeV (n,n') Level
Cross Section

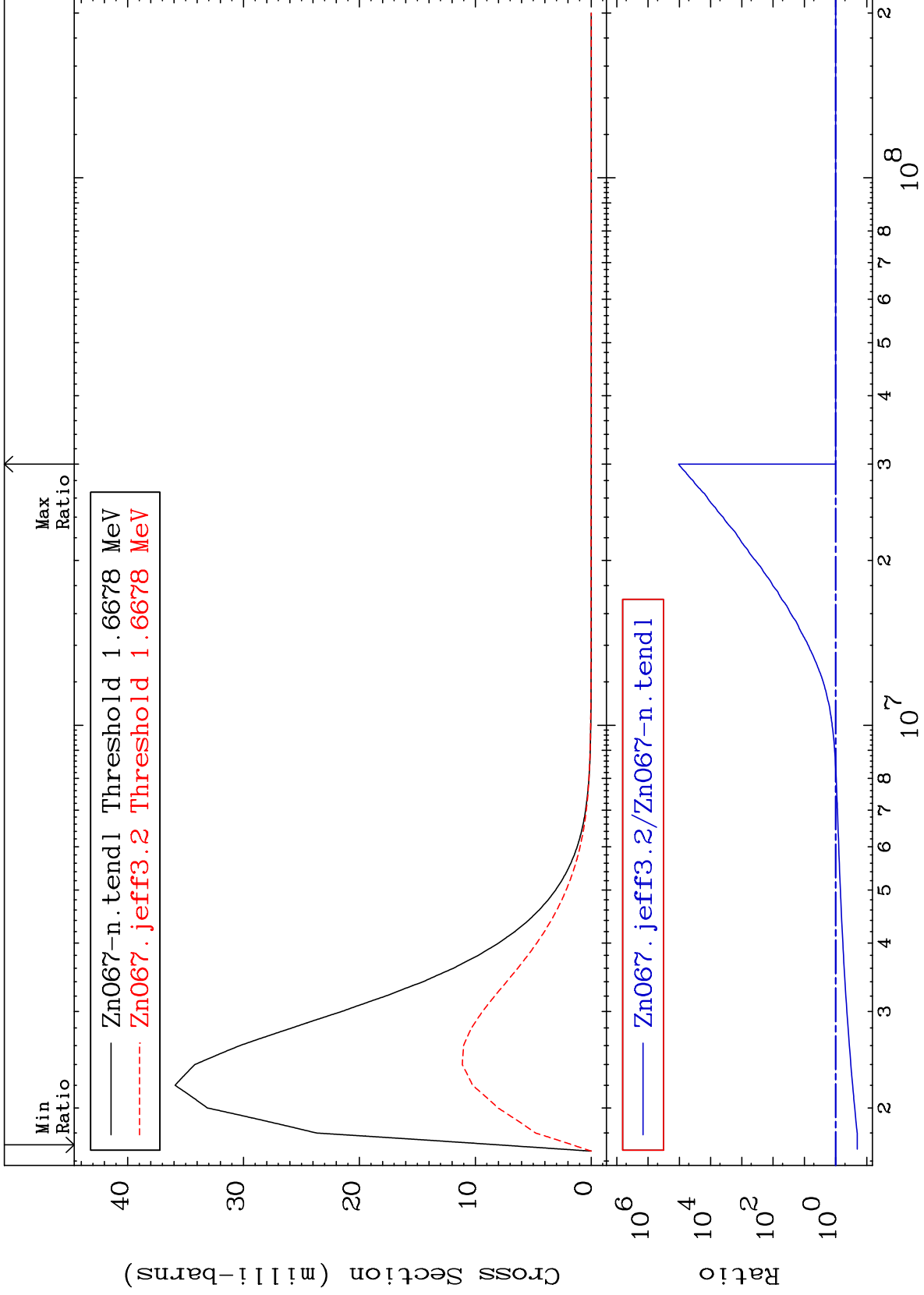
30-Zn-67
-41.48 To 79.53 %



MAT 3034

1.643 MeV (n,n') Level
Cross Section

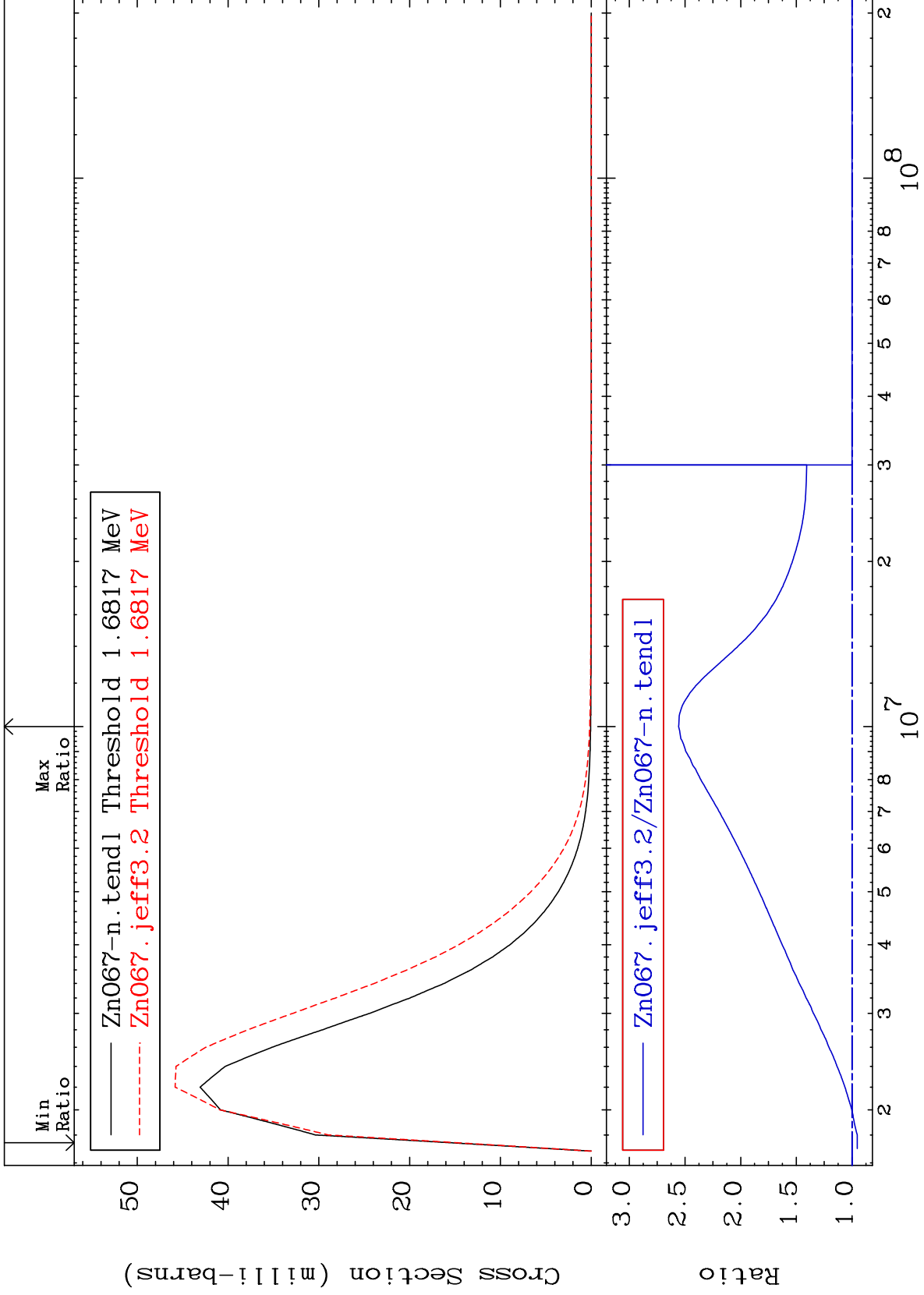
30-Zn-67
-79.74 To 9999. %



MAT 3034

1.657 MeV (n,n') Level
Cross Section

30-Zn-67
-4.663 To 155.7 %



40

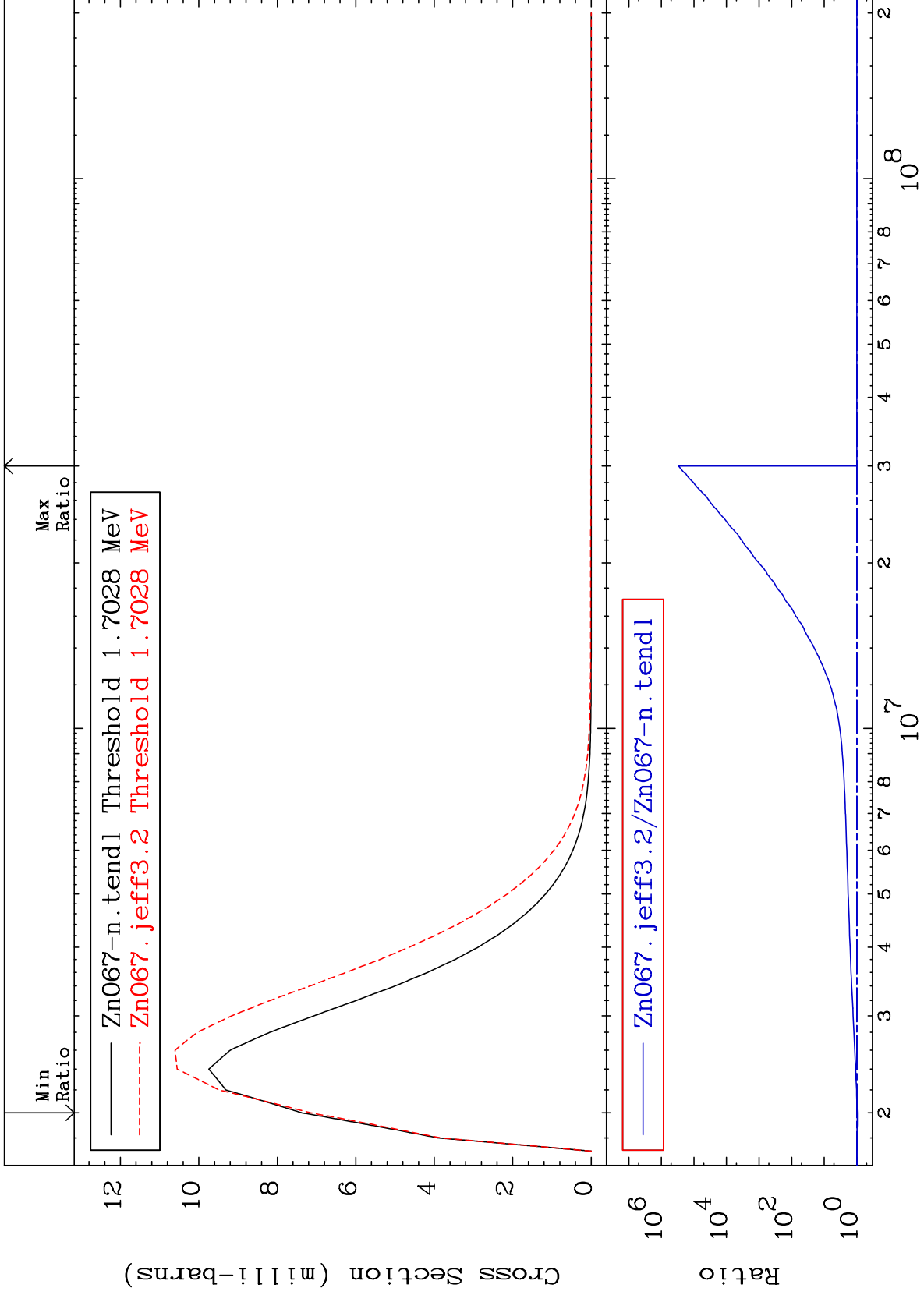
Incident Energy (eV)

30-Zn-67

MAT 3034

1.678 MeV (n,n') Level
Cross Section

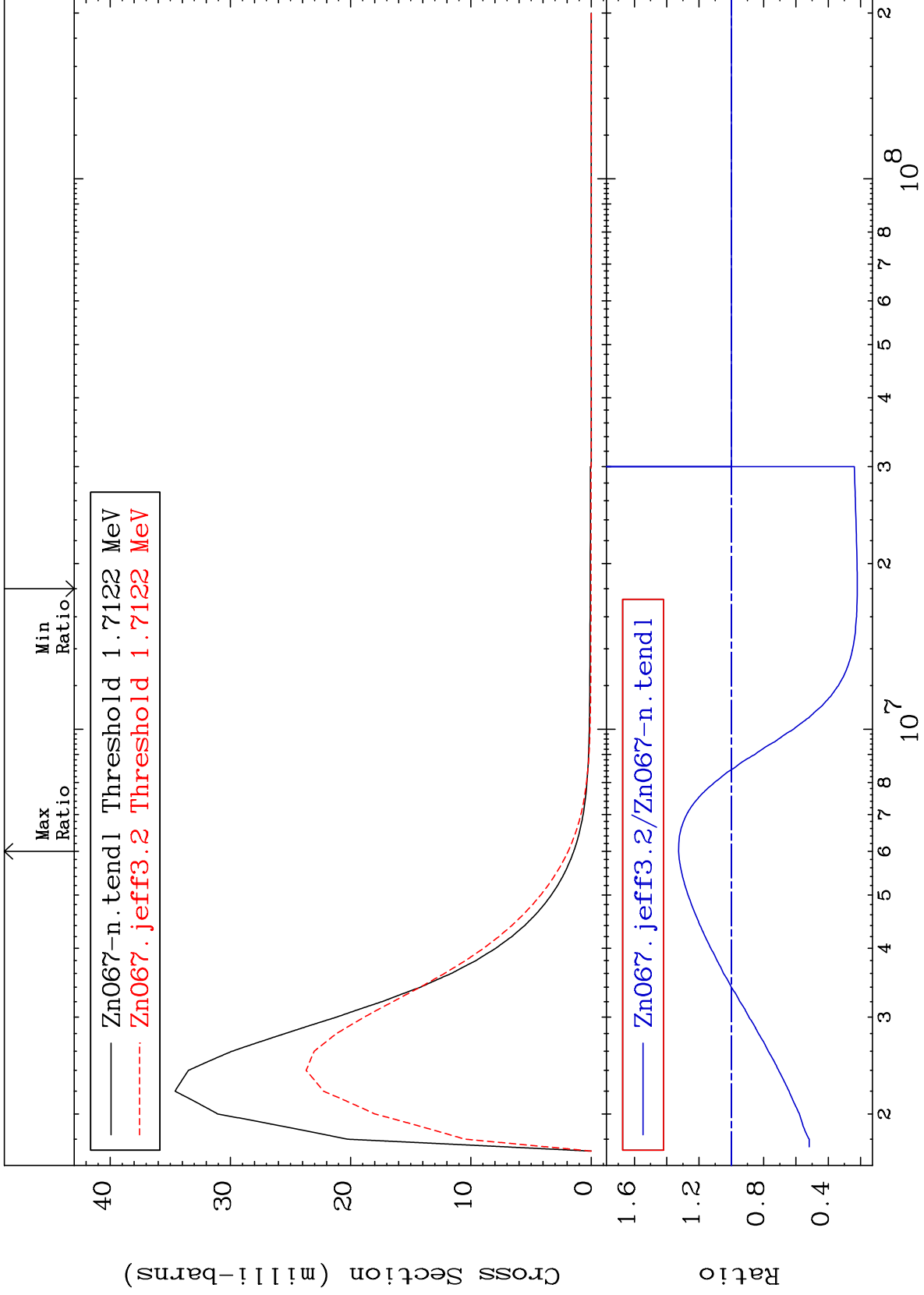
30-Zn-67
-3.059 To 9999. %



MAT 3034

1.687 MeV (n,n') Level
Cross Section

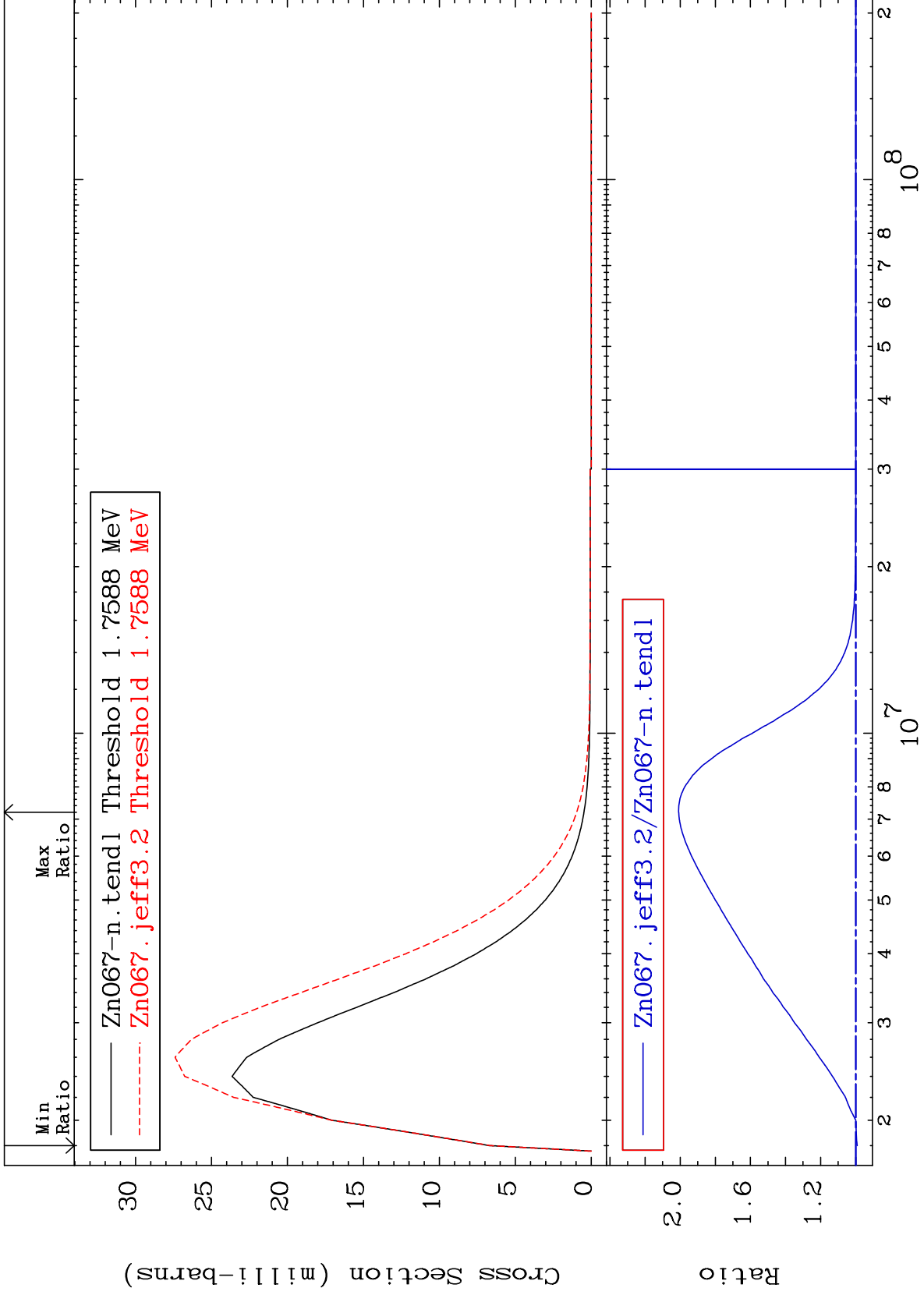
30-Zn-67
-77.94 To 32.63 %



MAT 3034

1.733 MeV (n,n') Level
Cross Section

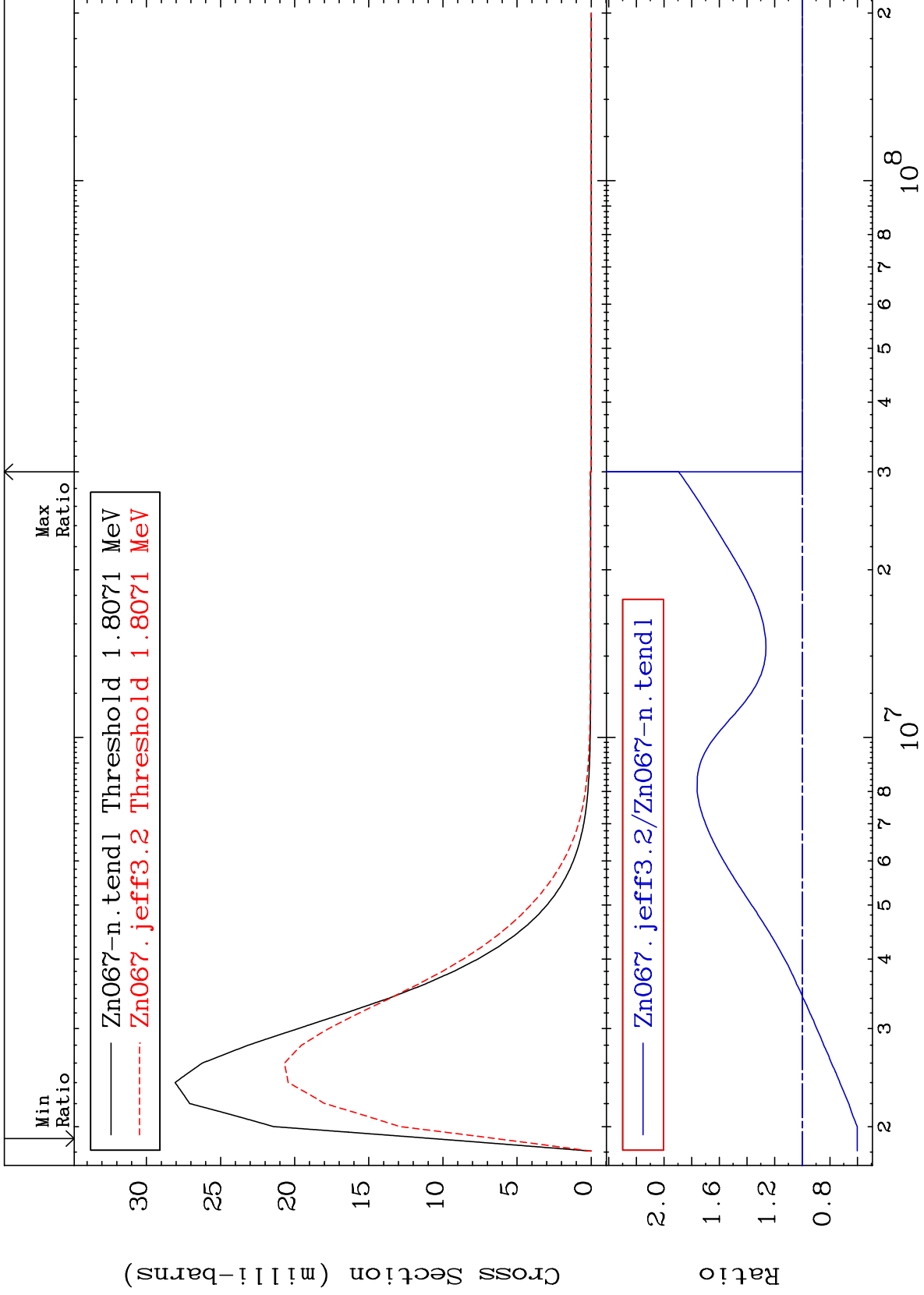
30-Zn-67
-0.881 To 100.9 %



MAT 3034

1.780 MeV (n,n') Level
Cross Section

30-Zn-67
-39.79 To 89.46 %



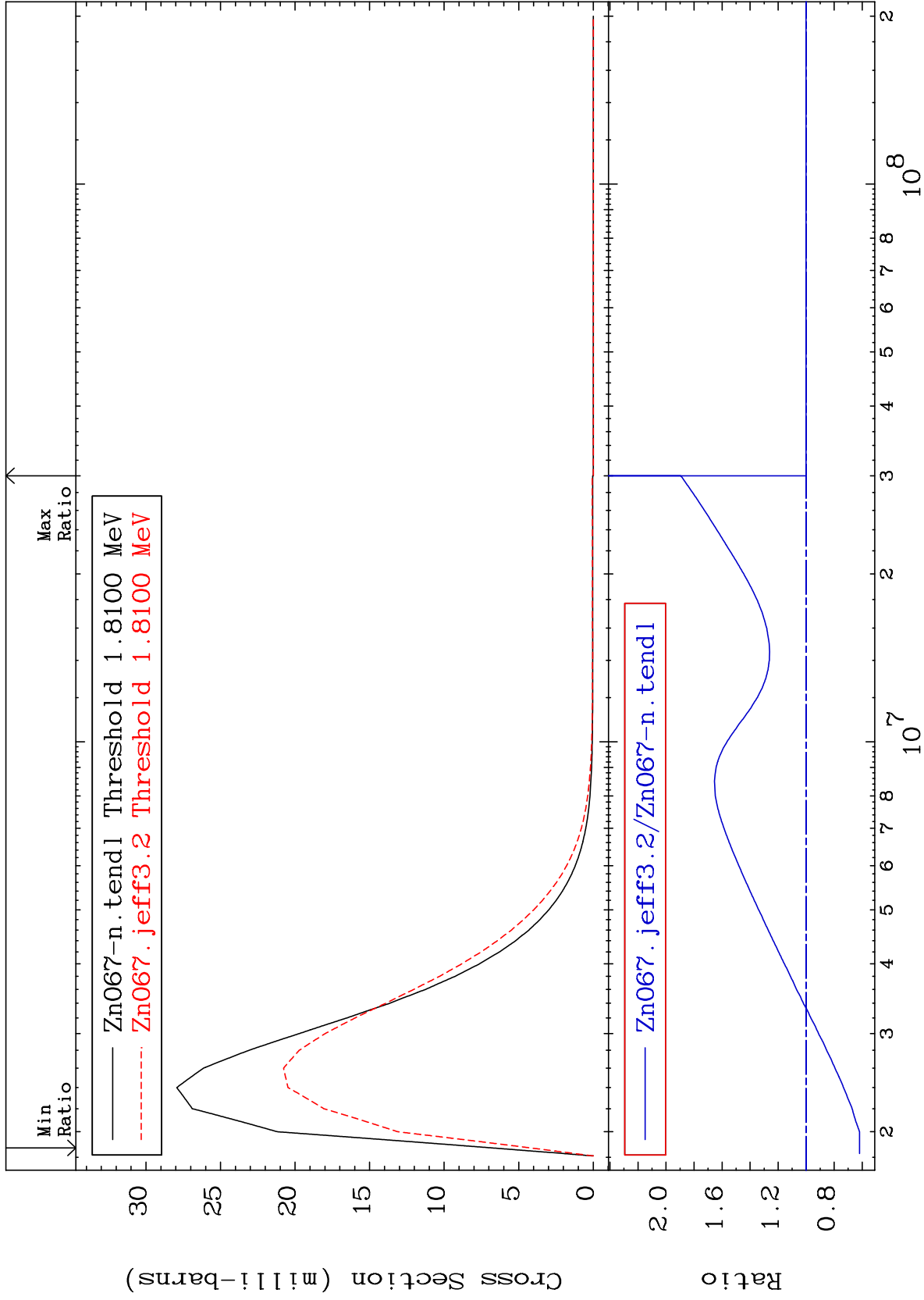
MAT 3034

1.783 MeV (n,n') Level

30-Zn-67

-38.11 To 89.46 %

Cross Section



45

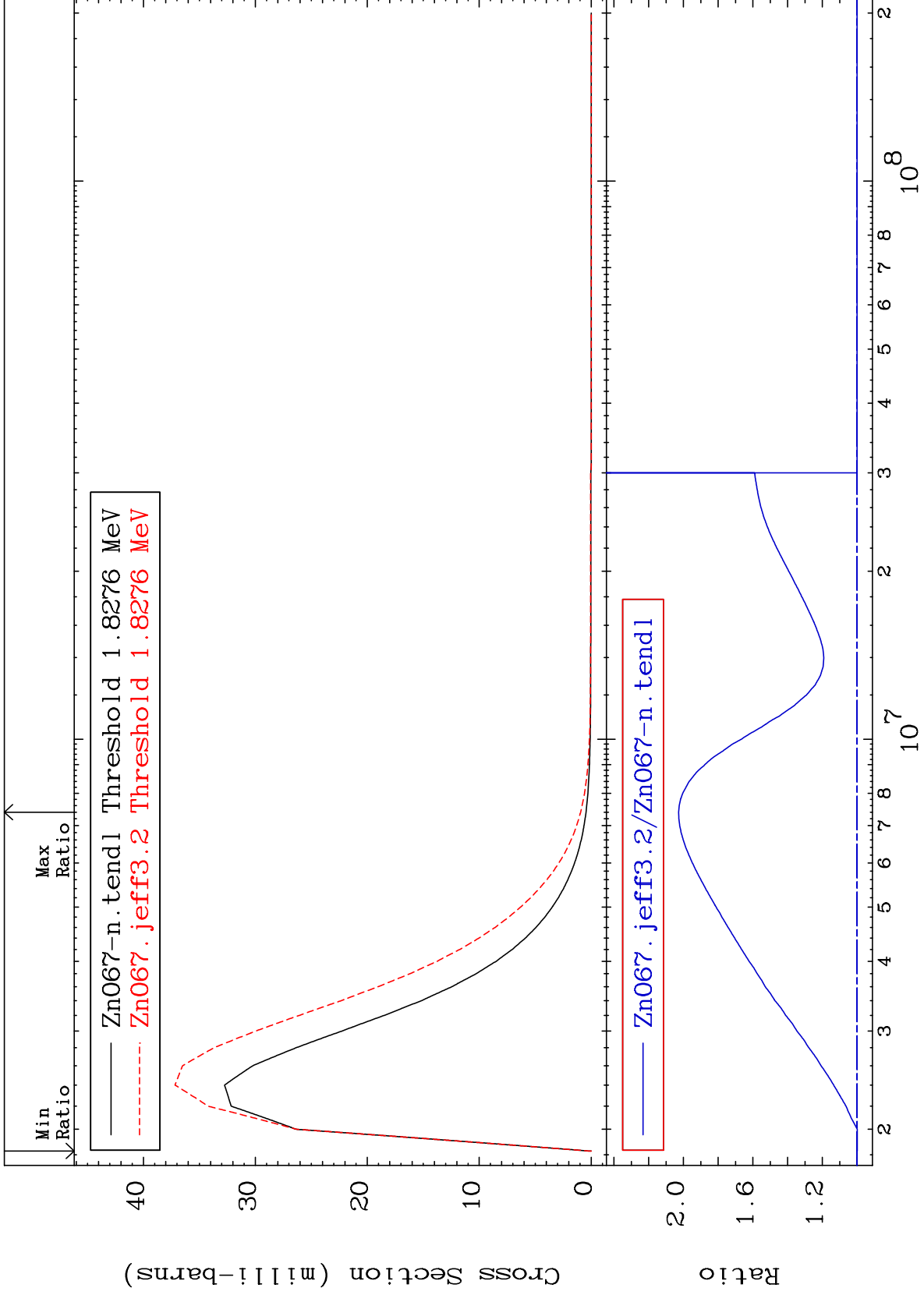
Incident Energy (eV)

30-Zn-67

MAT 3034

1.801 MeV (n,n') Level
Cross Section

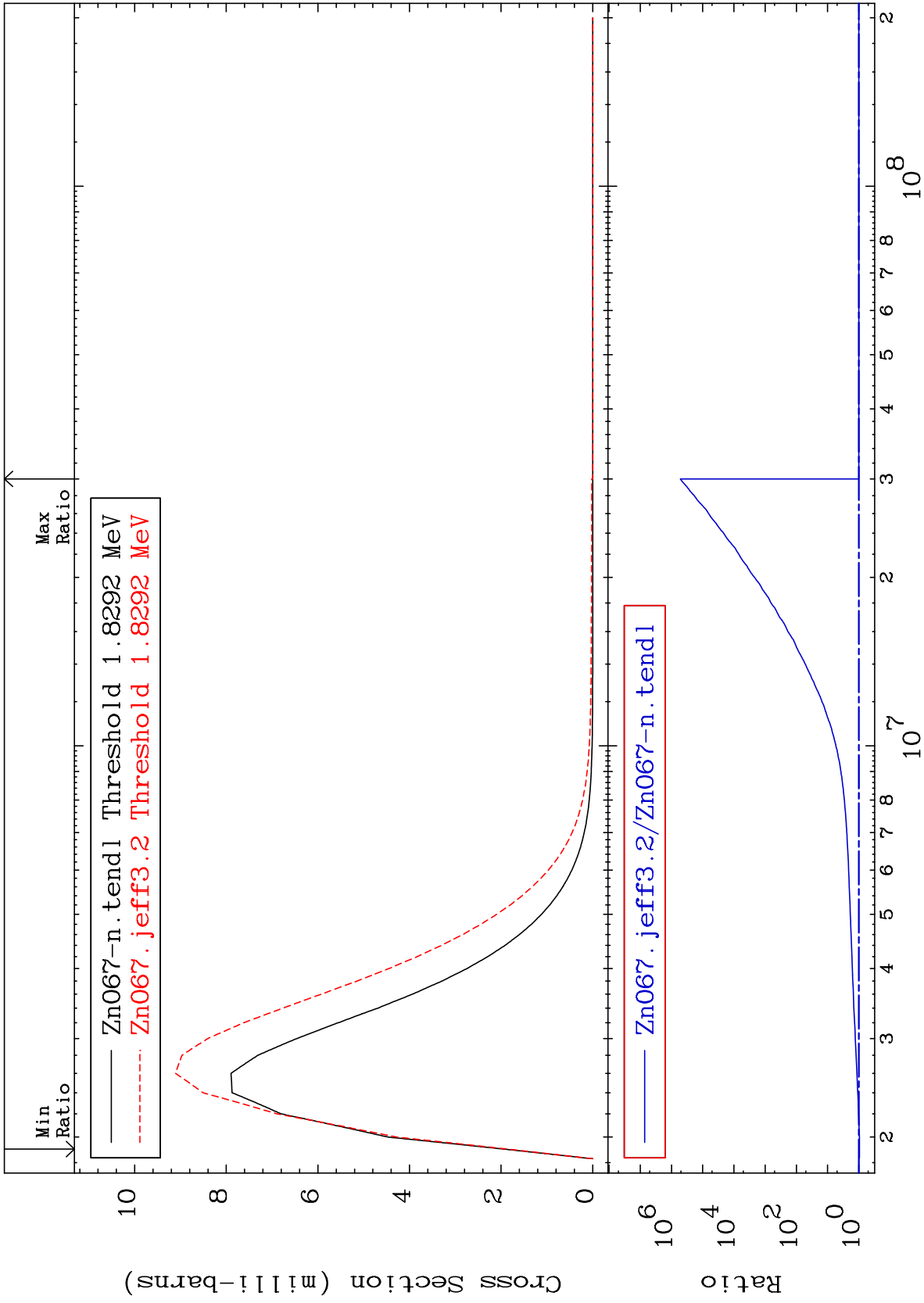
30-Zn-67
-0.097 To 102.7 %



MAT 3034

1.802 MeV (n,n') Level
Cross Section

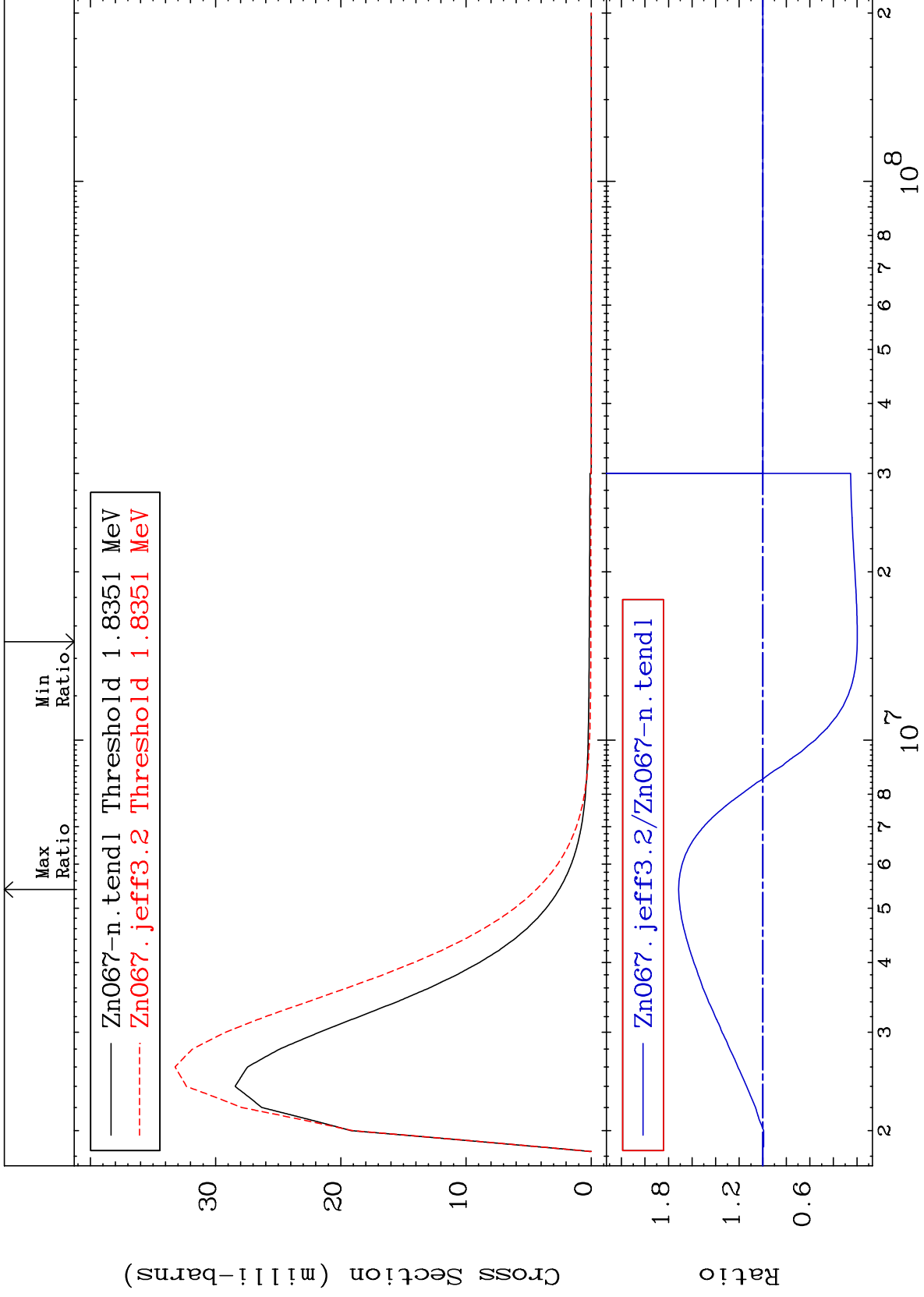
30-Zn-67
-4.137 To 9999. %



MAT 3034

1.808 MeV (n,n') Level
Cross Section

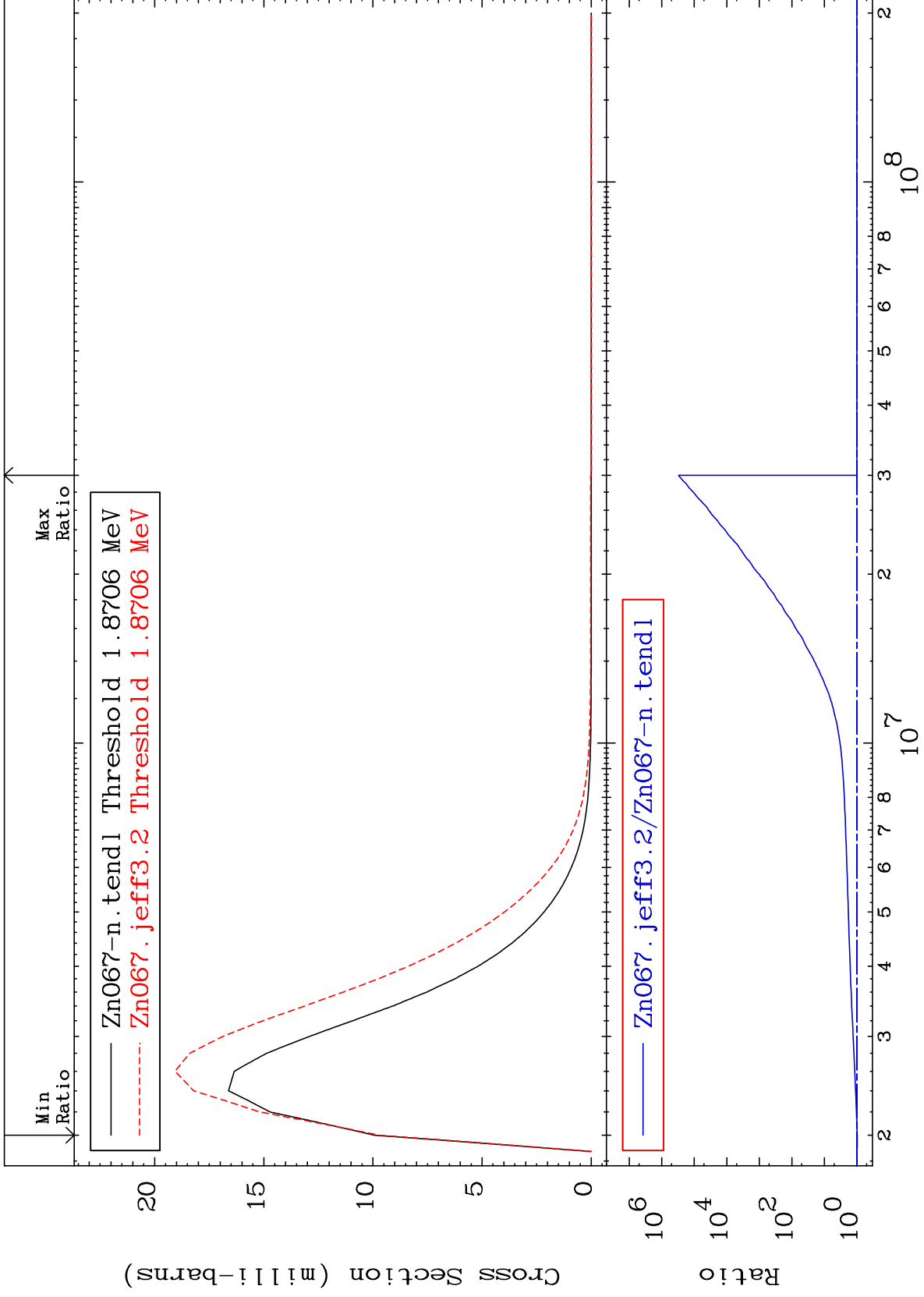
30-Zn-67
-80.25 To 71.41 %



MAT 3034

1.843 MeV (n,n') Level
Cross Section

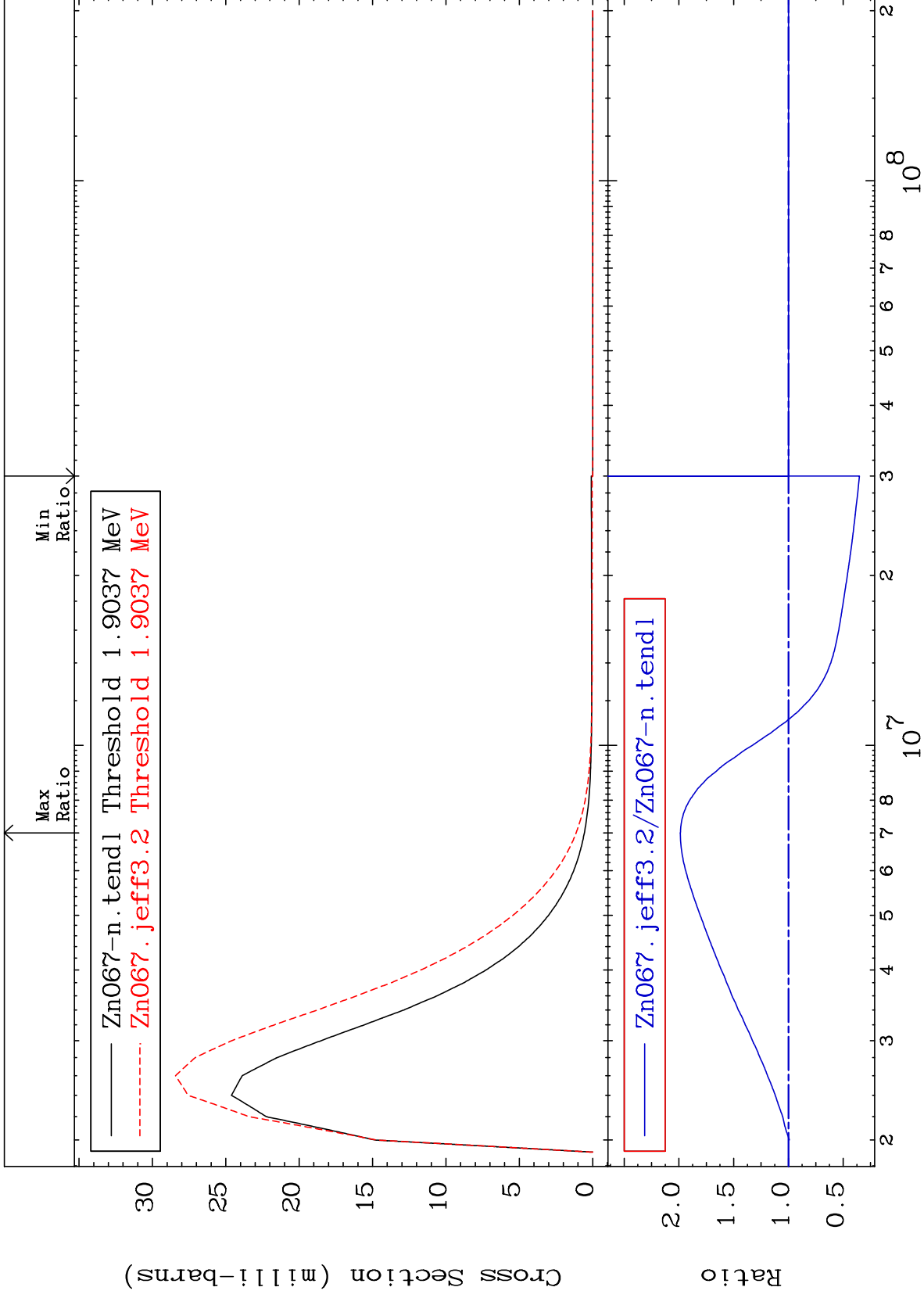
30-Zn-67
-2.351 To 9999. %



MAT 3034

1.875 MeV (n,n') Level
Cross Section

30-Zn-67
-64.83 To 98.68 %



50

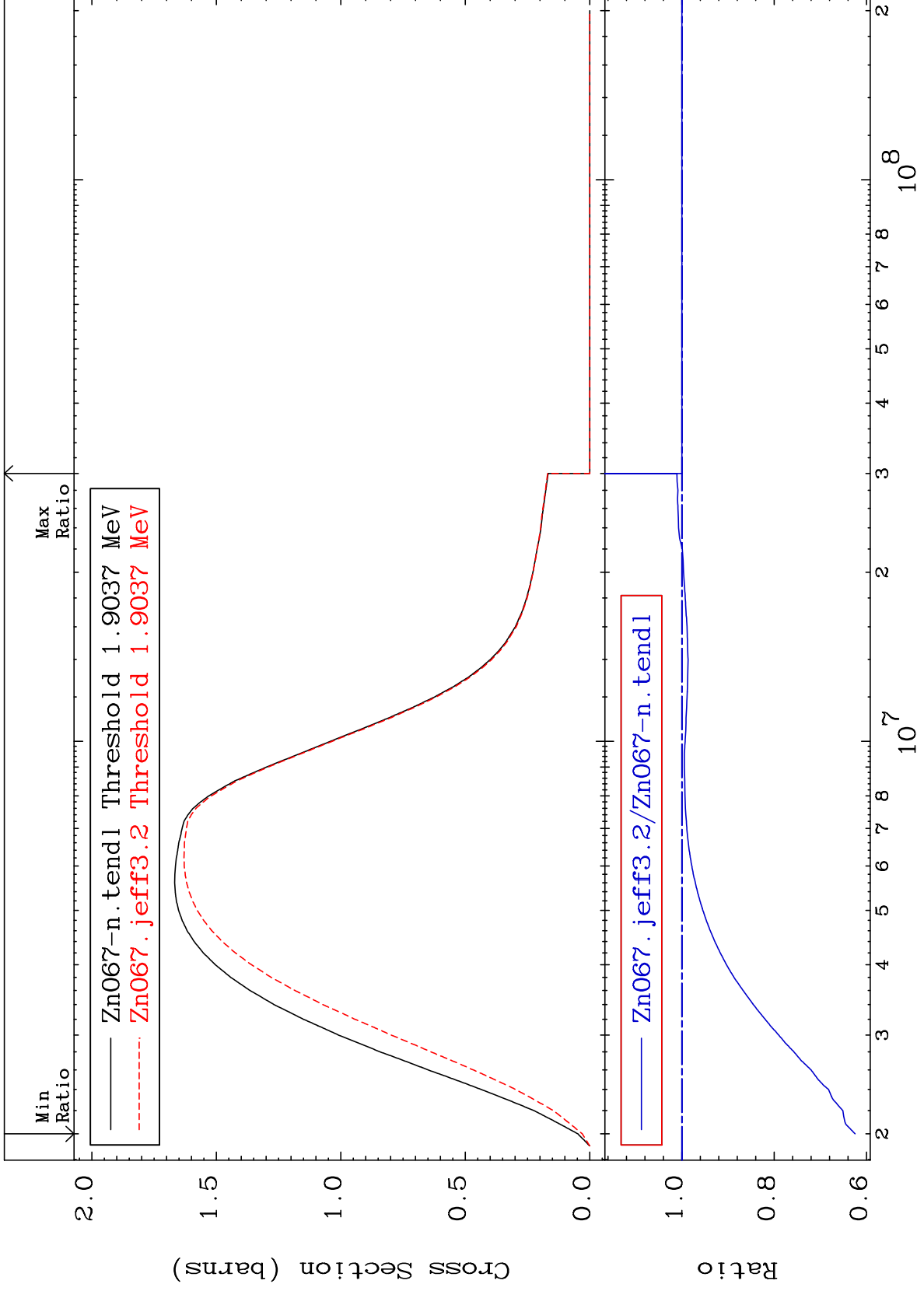
Incident Energy (eV)

30-Zn-67

MAT 3034

(n, n') Continuum
Cross Section

30-Zn-67
-37.52 To 1.086 %



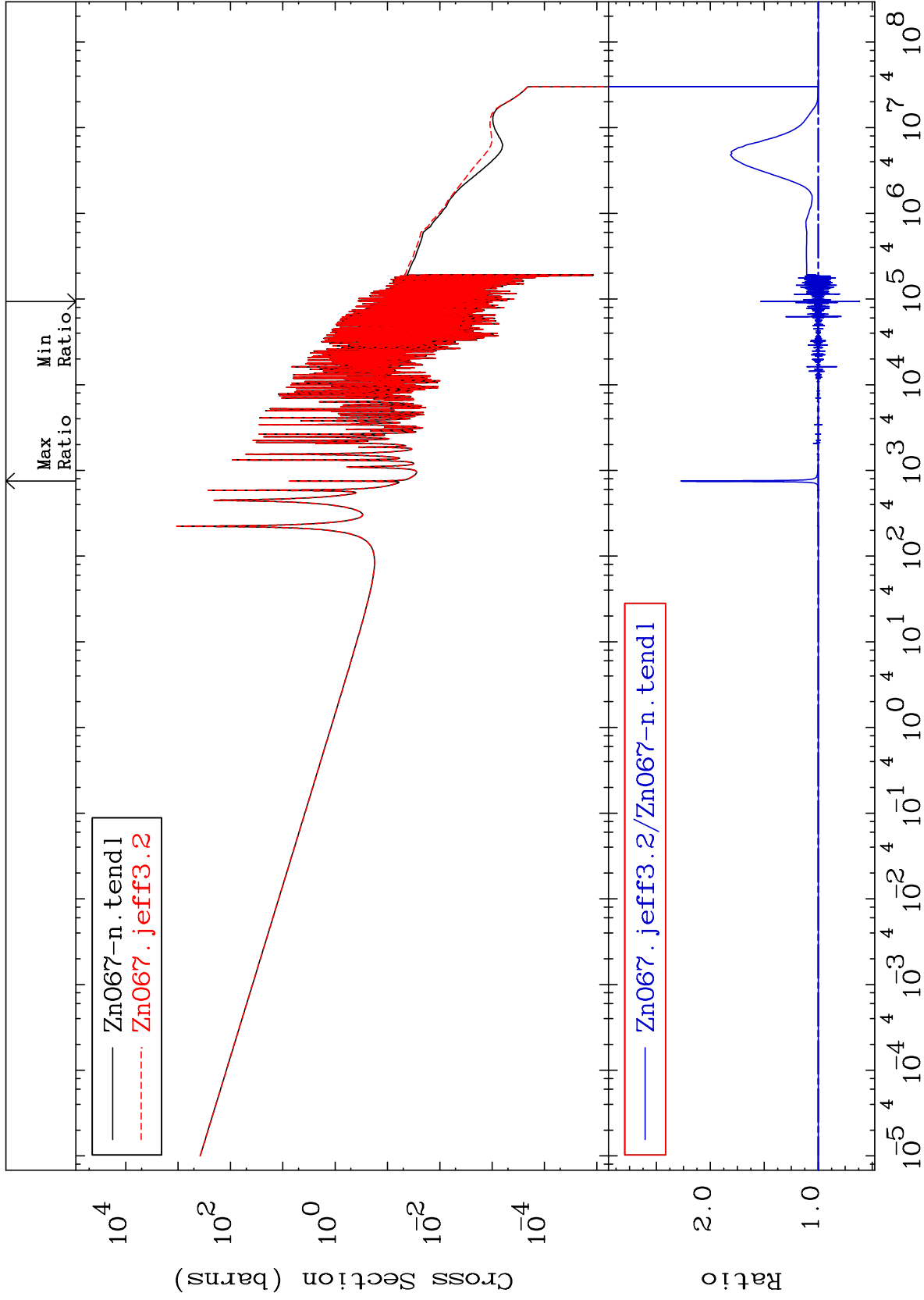
MAT 3034

(n, γ)

30-Zn-67

Cross Section

-38.32 To 127.5 %



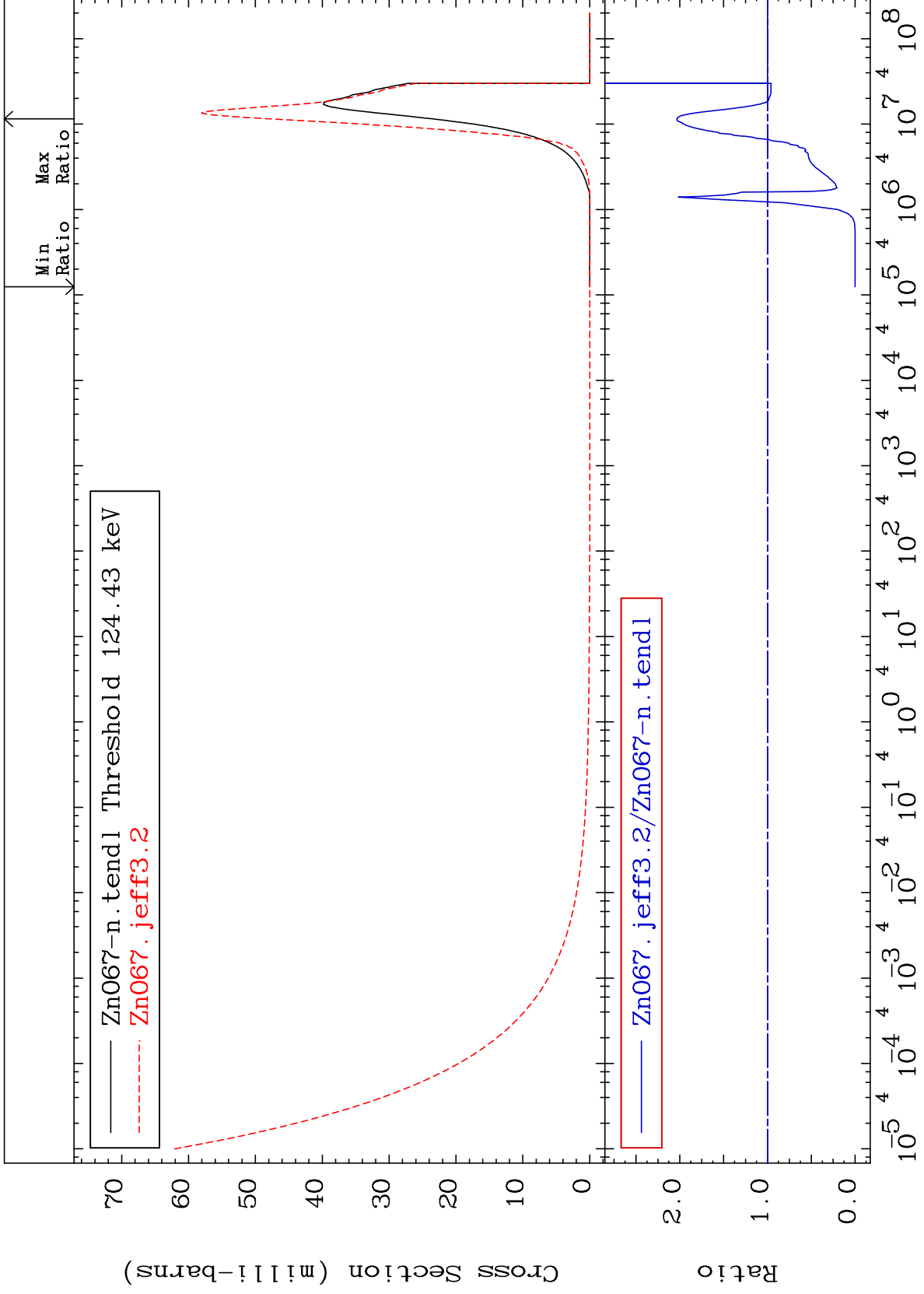
52

30-Zn-67

MAT 3034

(n,p)
Cross Section

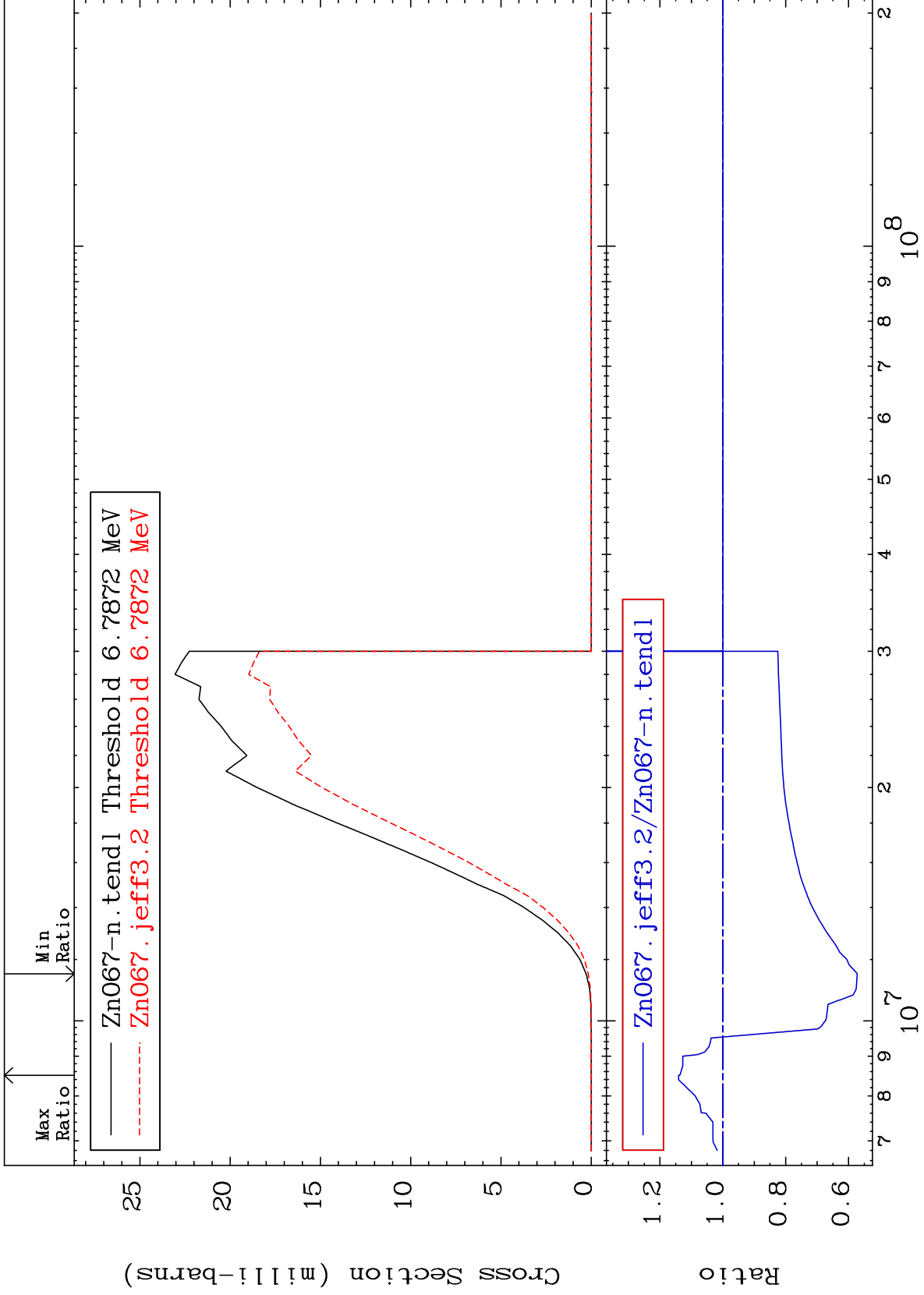
30-Zn-67
-100.0 To 103.3 %



MAT 3034

(n, d)
Cross Section

30-Zn-67
-42.76 To 14.06 %

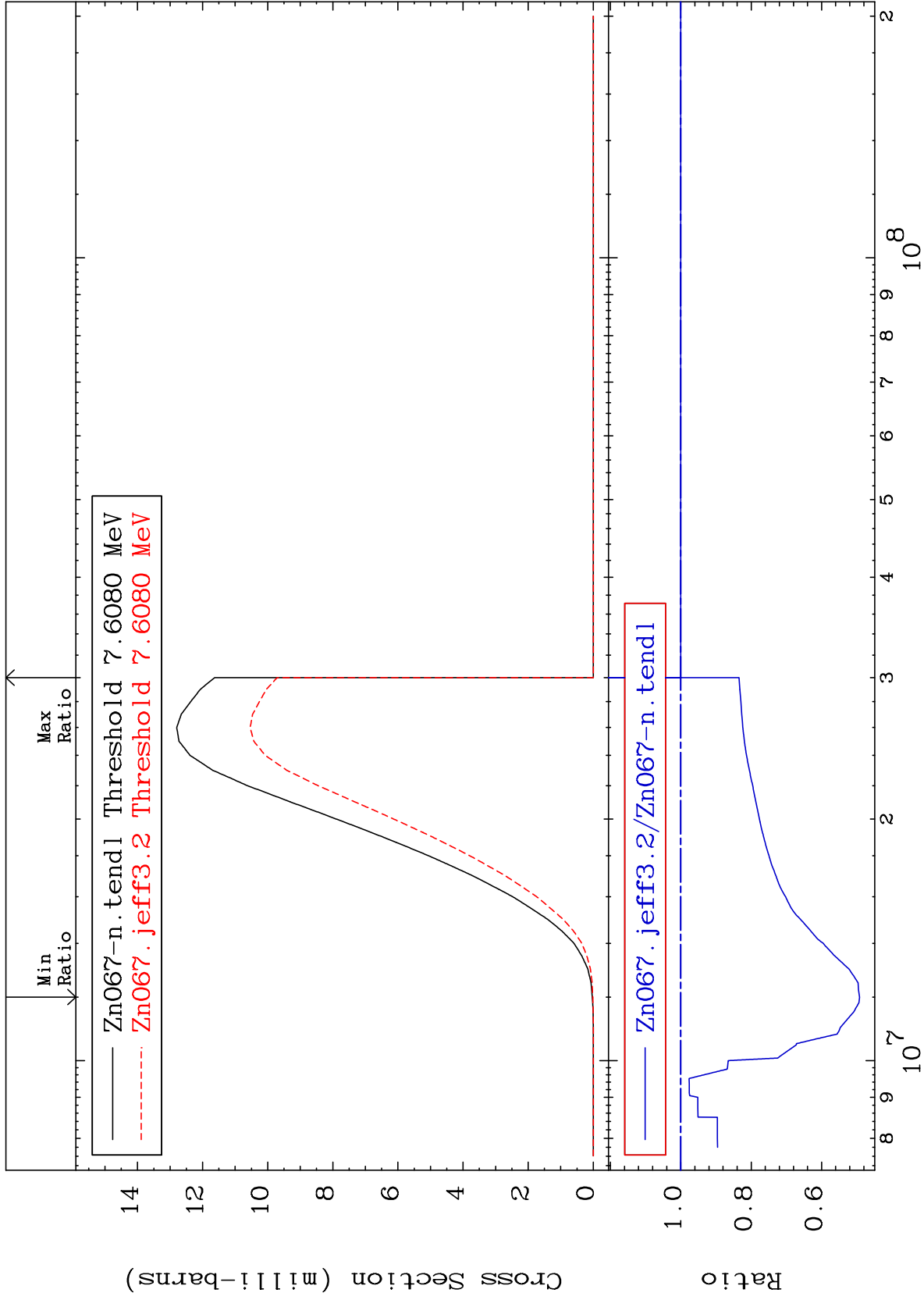


MAT 3034

30-Zn-67

-50.77 To 0.000 %

(n, t)
Cross Section



55

Incident Energy (eV)

30-Zn-67

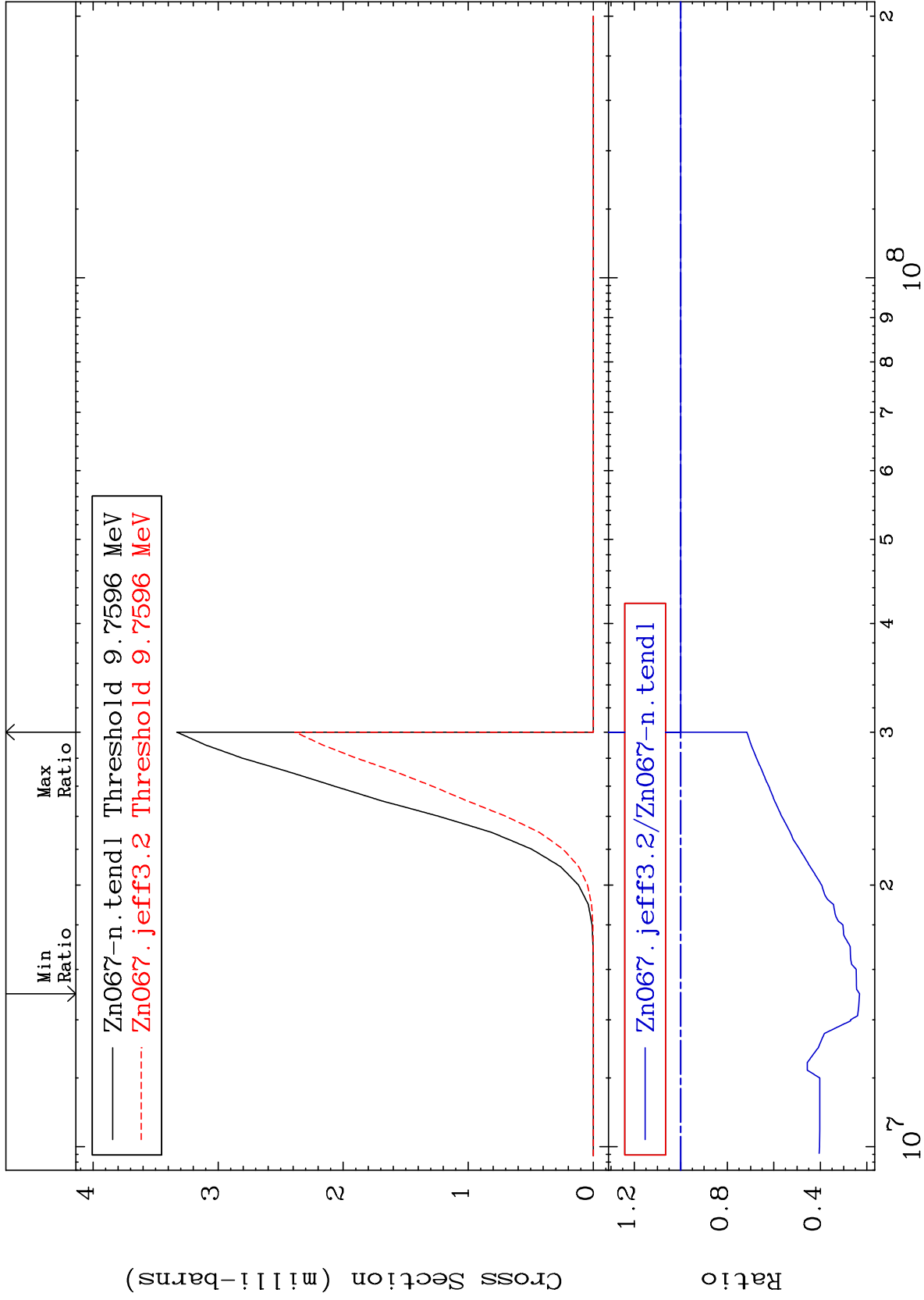
MAT 3034

(n, He-3)

30-Zn-67

Cross Section

-76.83 To 0.000 %



56

Incident Energy (eV)

30-Zn-67

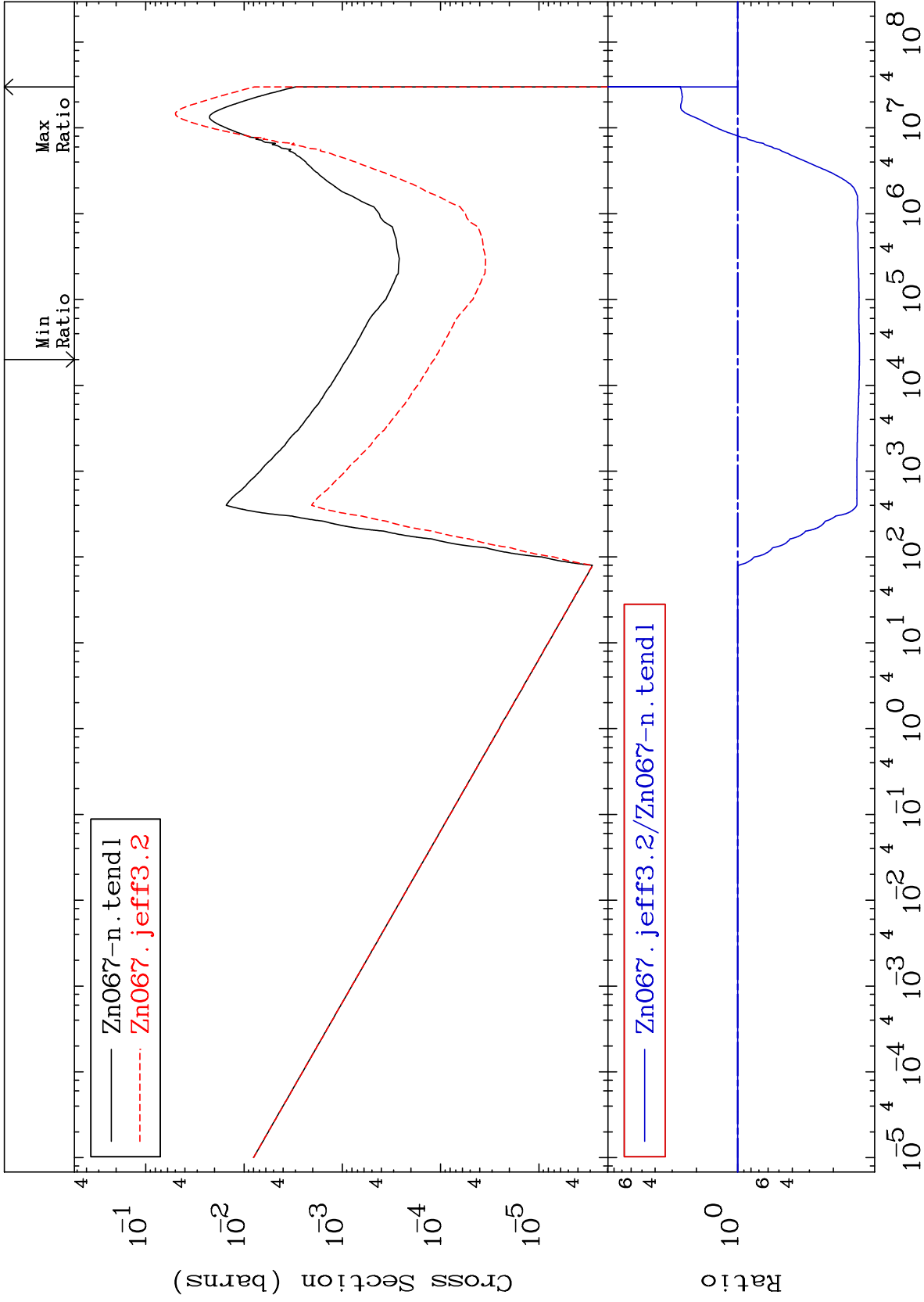
MAT 3034

(n, α)

30-Zn-67

Cross Section

-87.08 To 161.9 %



57

Incident Energy (eV)

30-Zn-67

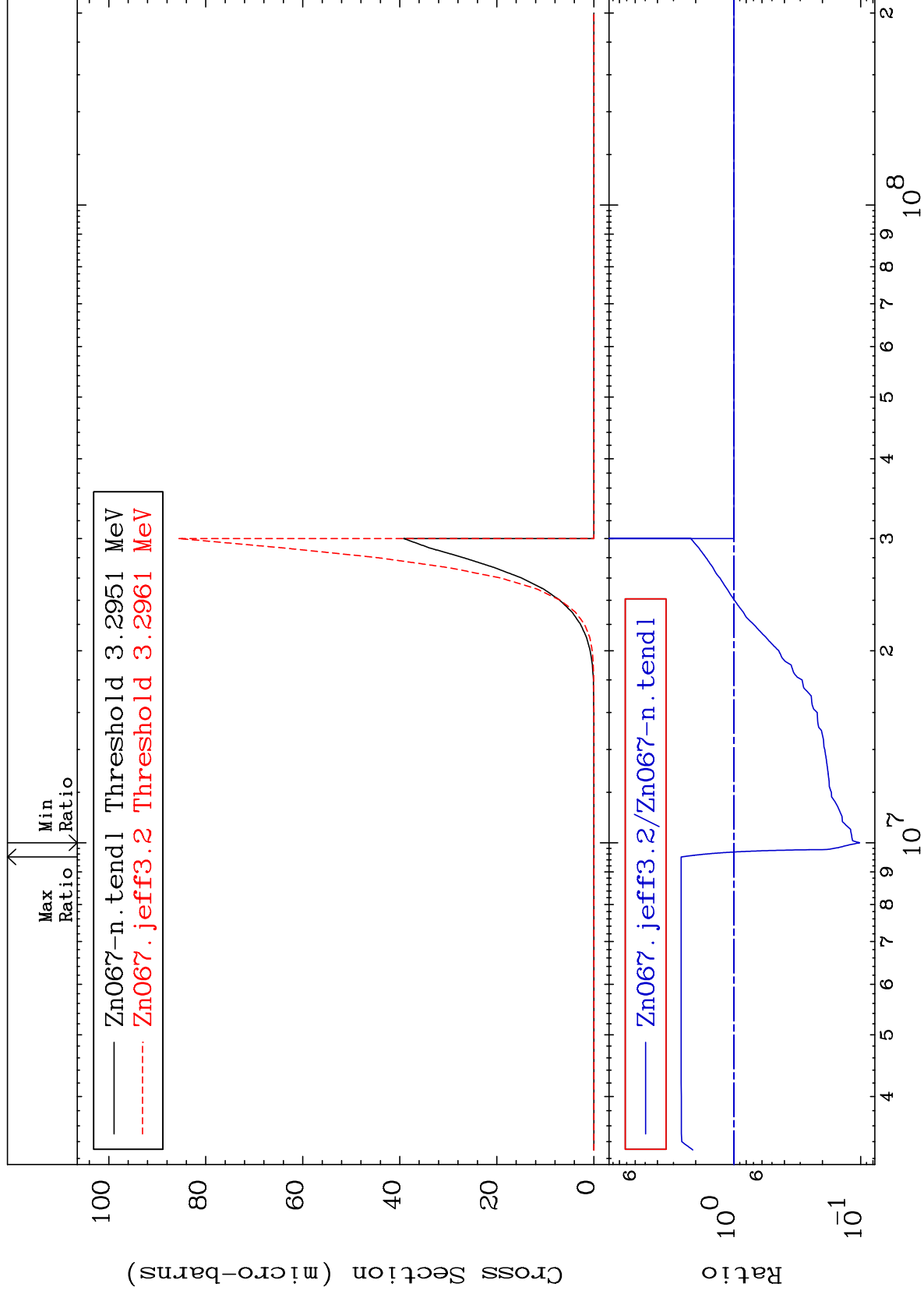
MAT 3034

(n,2α)

30-Zn-67

Cross Section

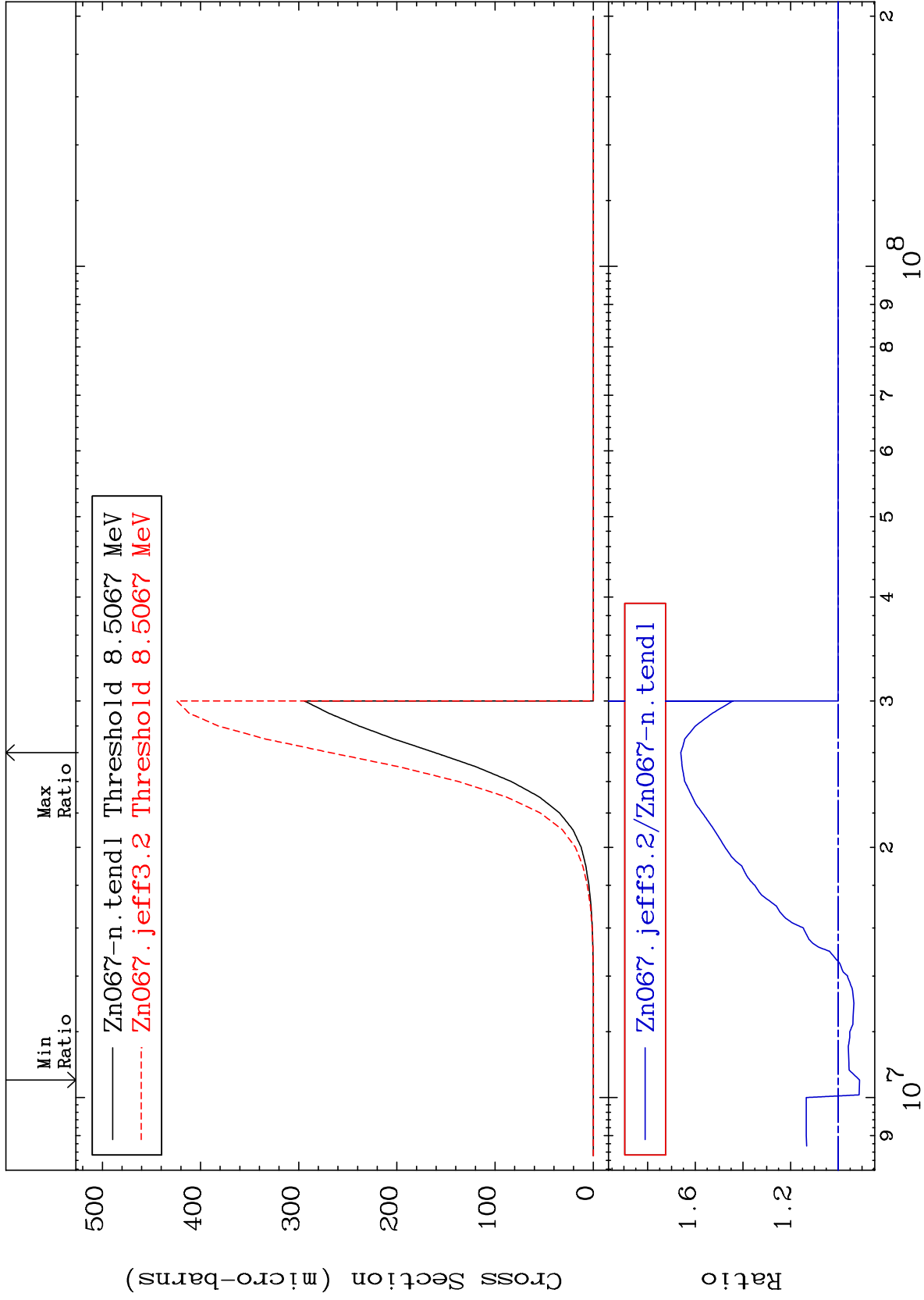
-89.81 To 160.4 %



MAT 3034

(n,2p)
Cross Section

30-Zn-67
-8.973 To 66.11 %



59

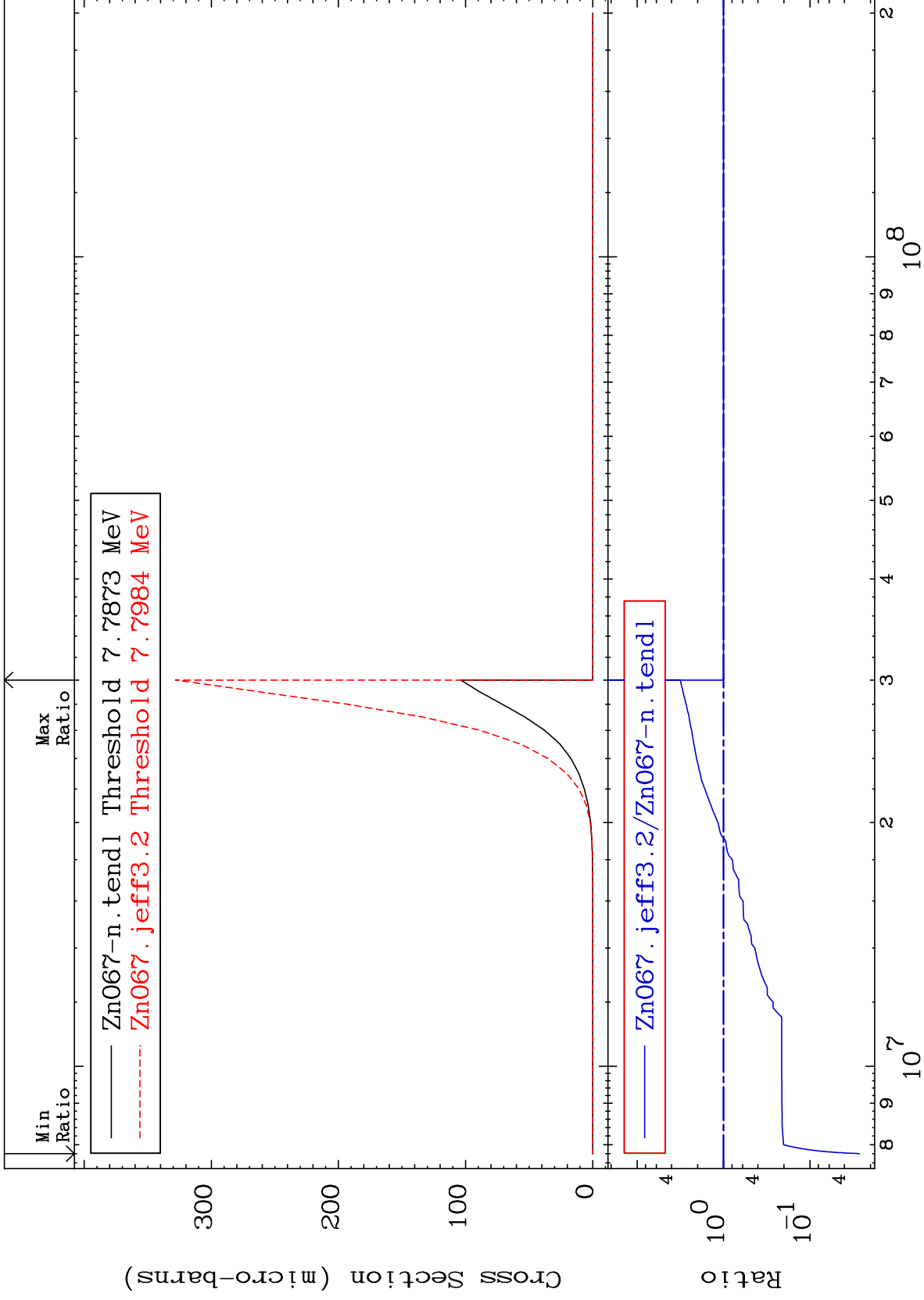
Incident Energy (eV)

30-Zn-67

MAT 3034

(n, p) α
Cross Section

30-Zn-67
-97.32 To 216.0 %



60

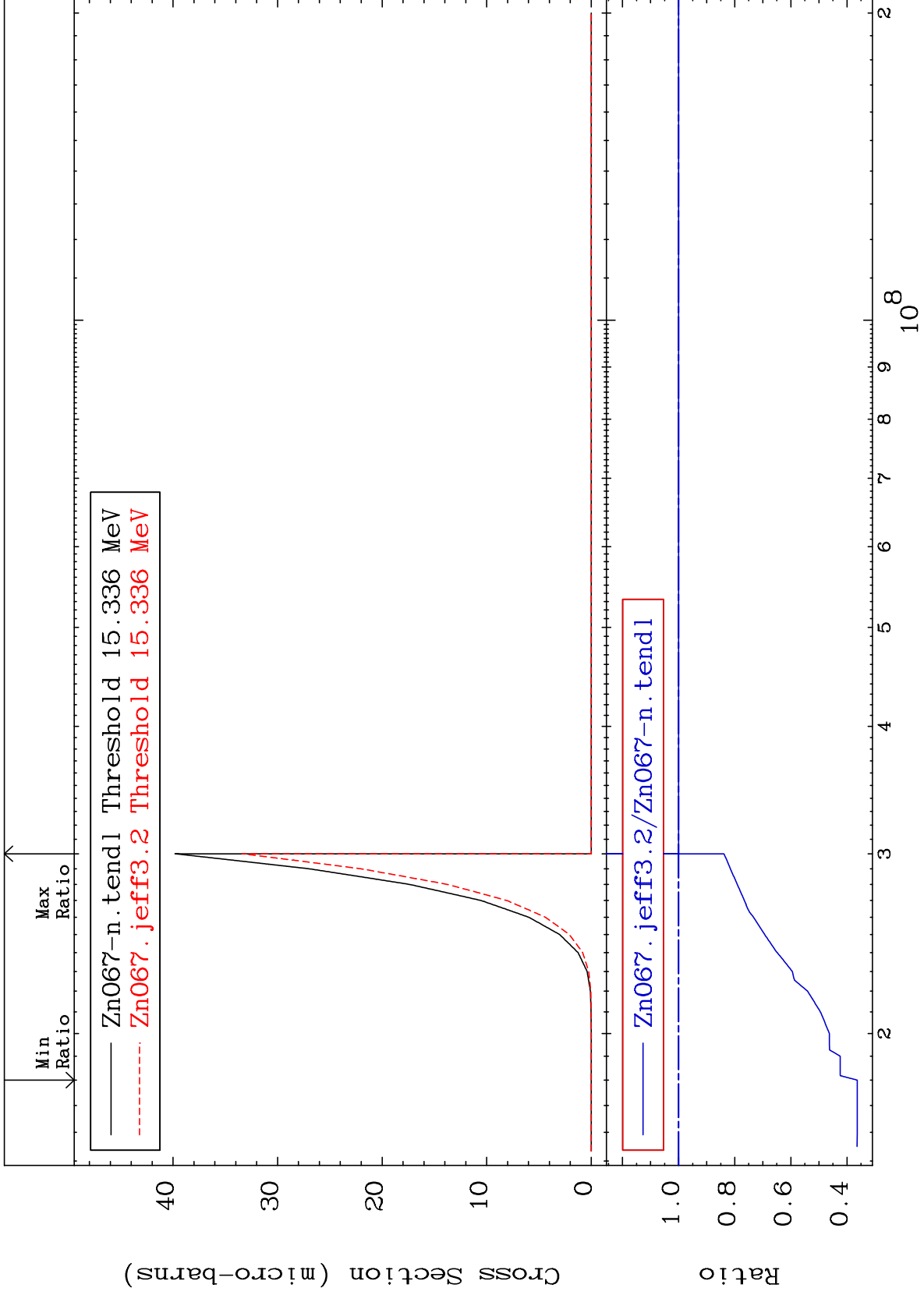
Incident Energy (eV)

30-Zn-67

MAT 3034

(n,p) d
Cross Section

30-Zn-67
-63.66 To 0.000 %



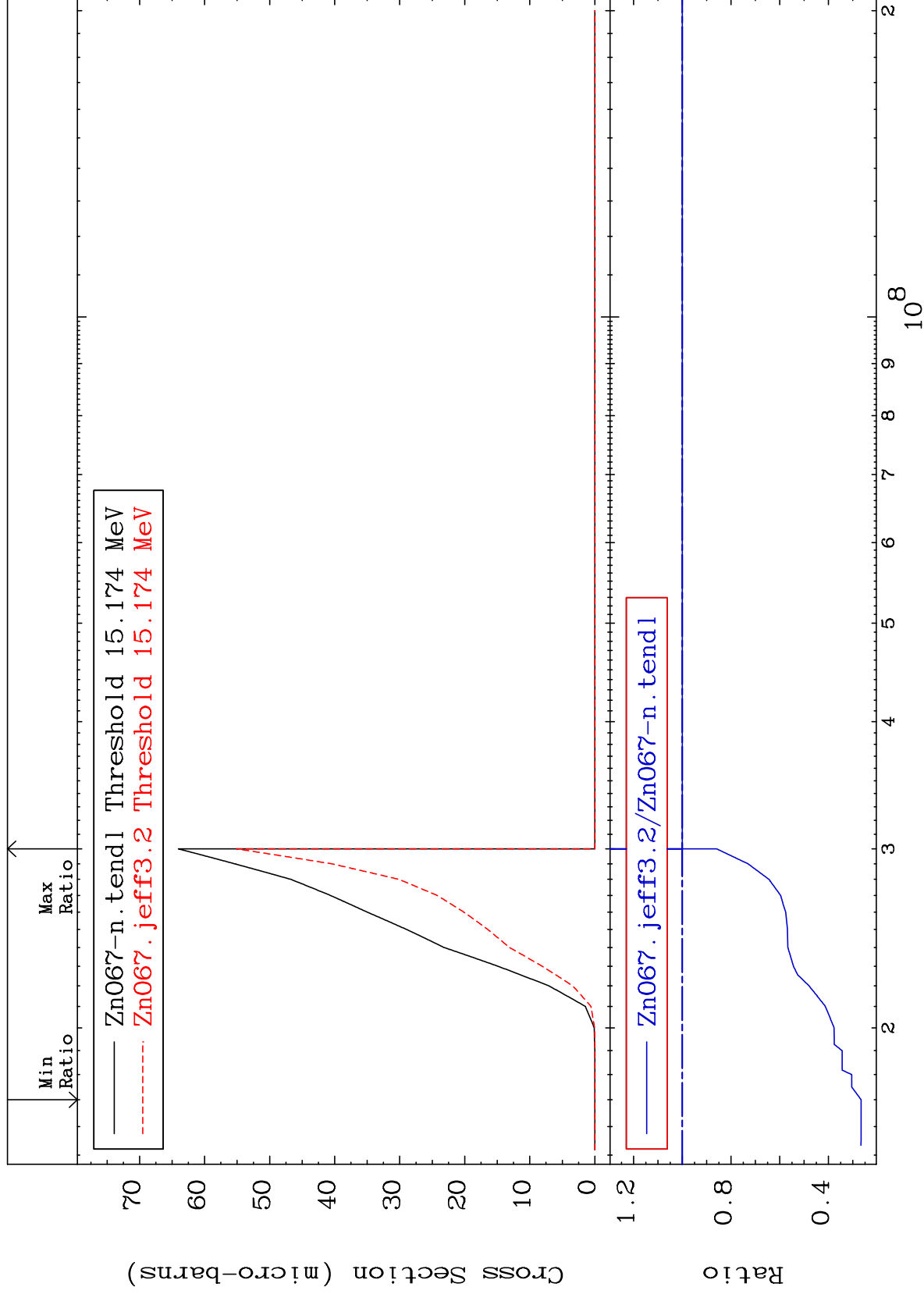
MAT 3034

(n,p) t

30-Zn-67

Cross Section

-73.41 To 0.000 %



62

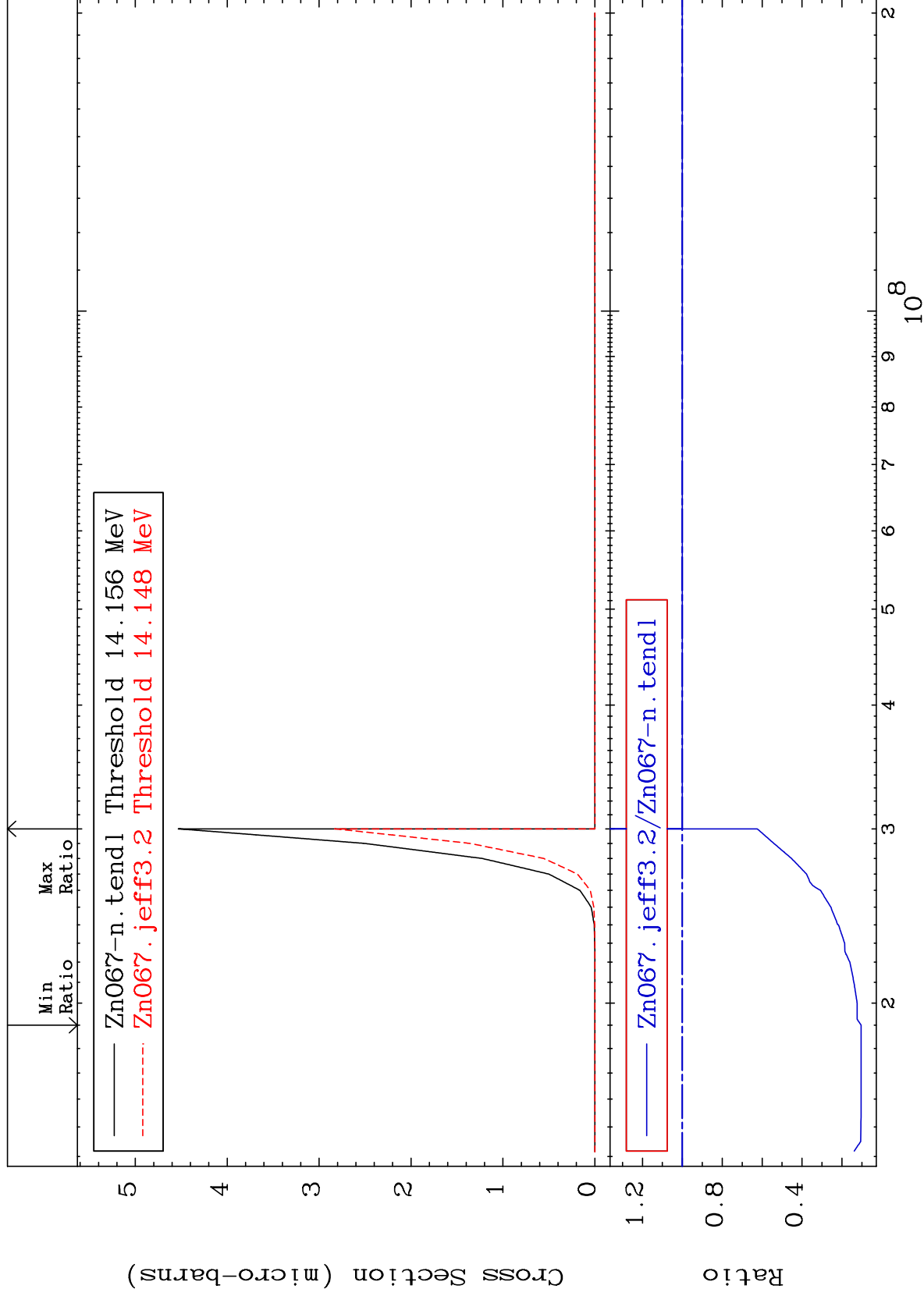
Incident Energy (eV)

30-Zn-67

MAT 3034

(n, d) α
Cross Section

30-Zn-67
-89.60 To 0.000 %



63

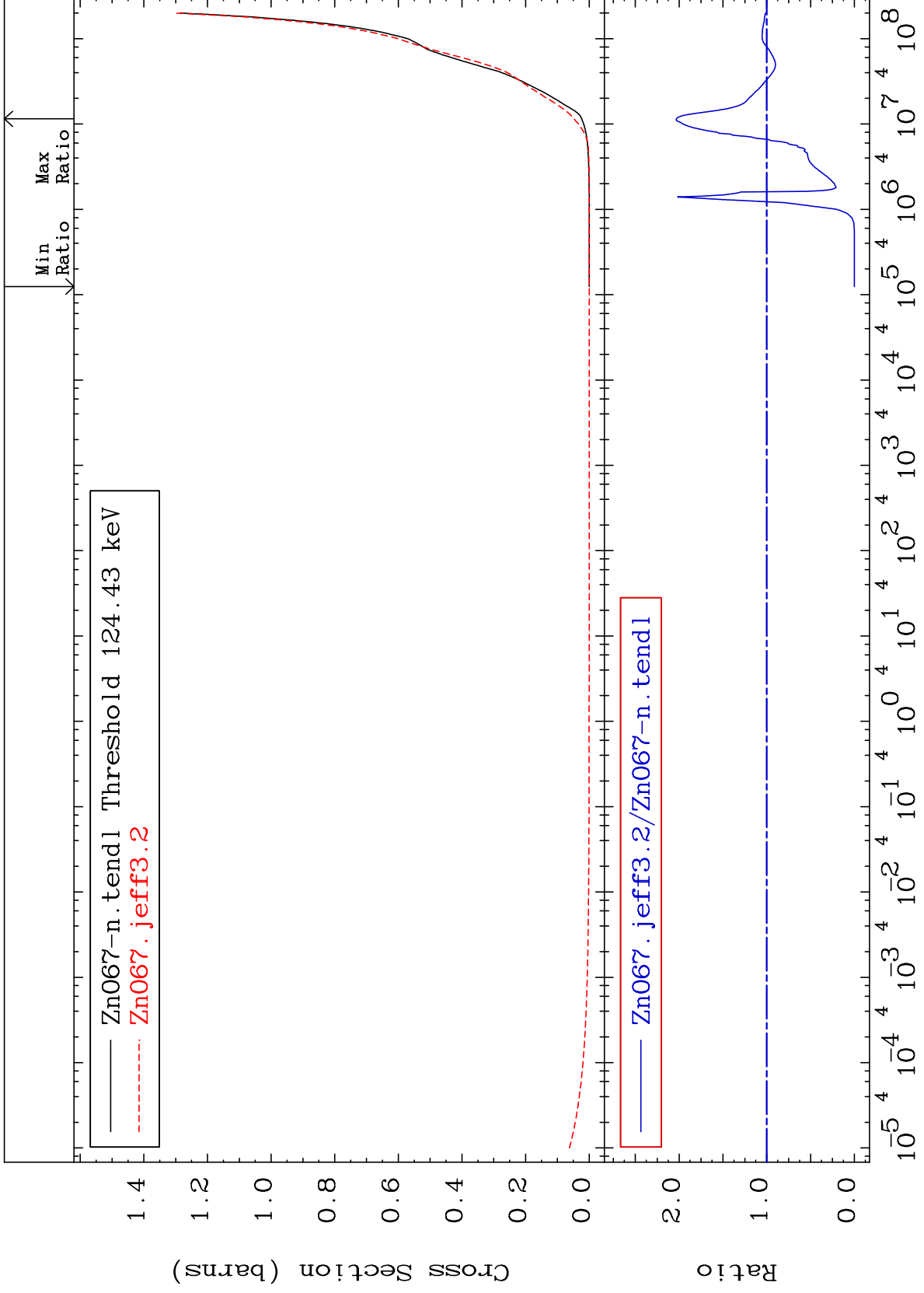
30-Zn-67

30-Zn-67

MAT 3034

Hydrogen Production Cross Section

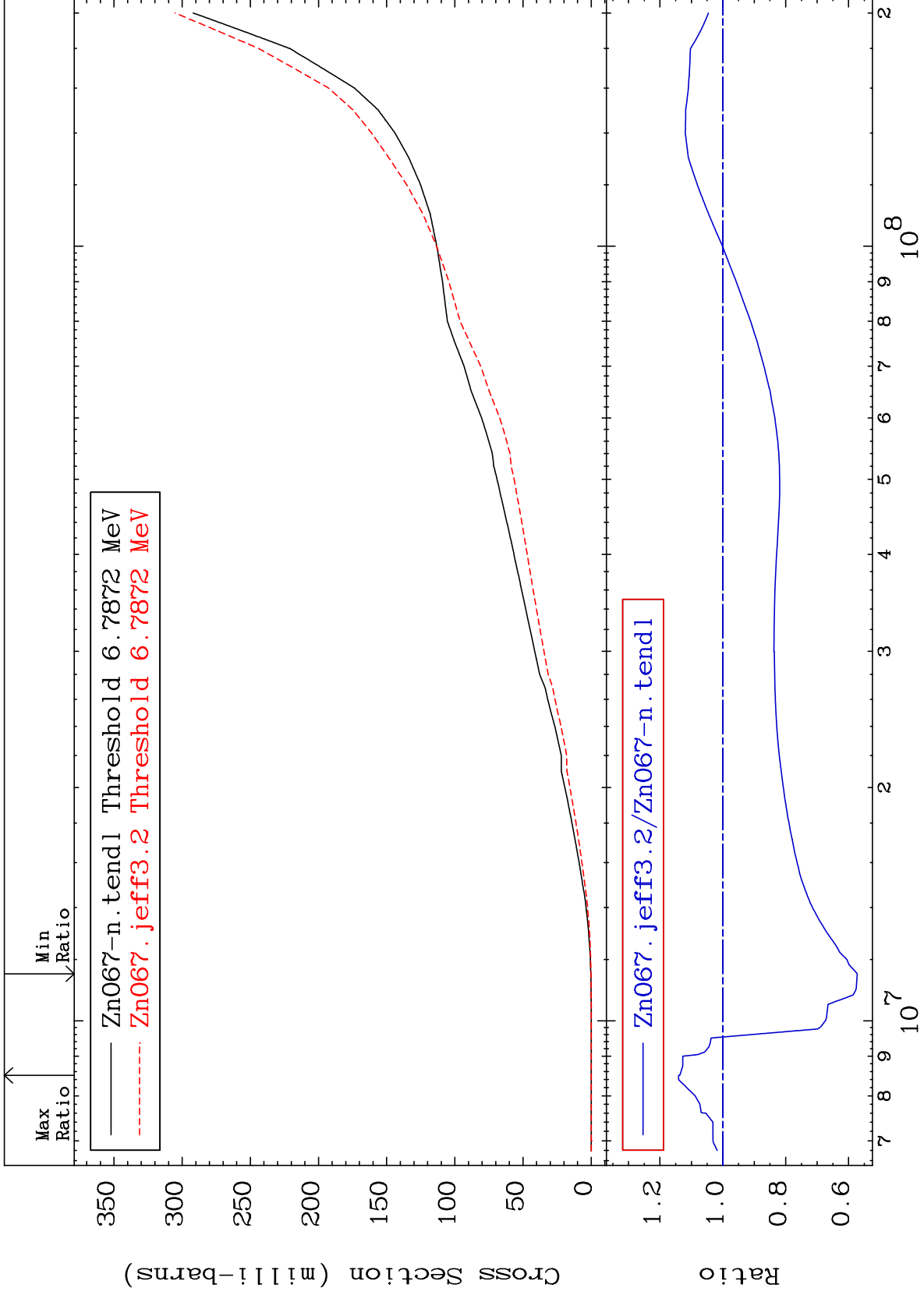
30-Zn-67
-100.0 To 103.2 %



MAT 3034

Deuterium Production
Cross Section

30-Zn-67
-42.76 To 14.06 %



65

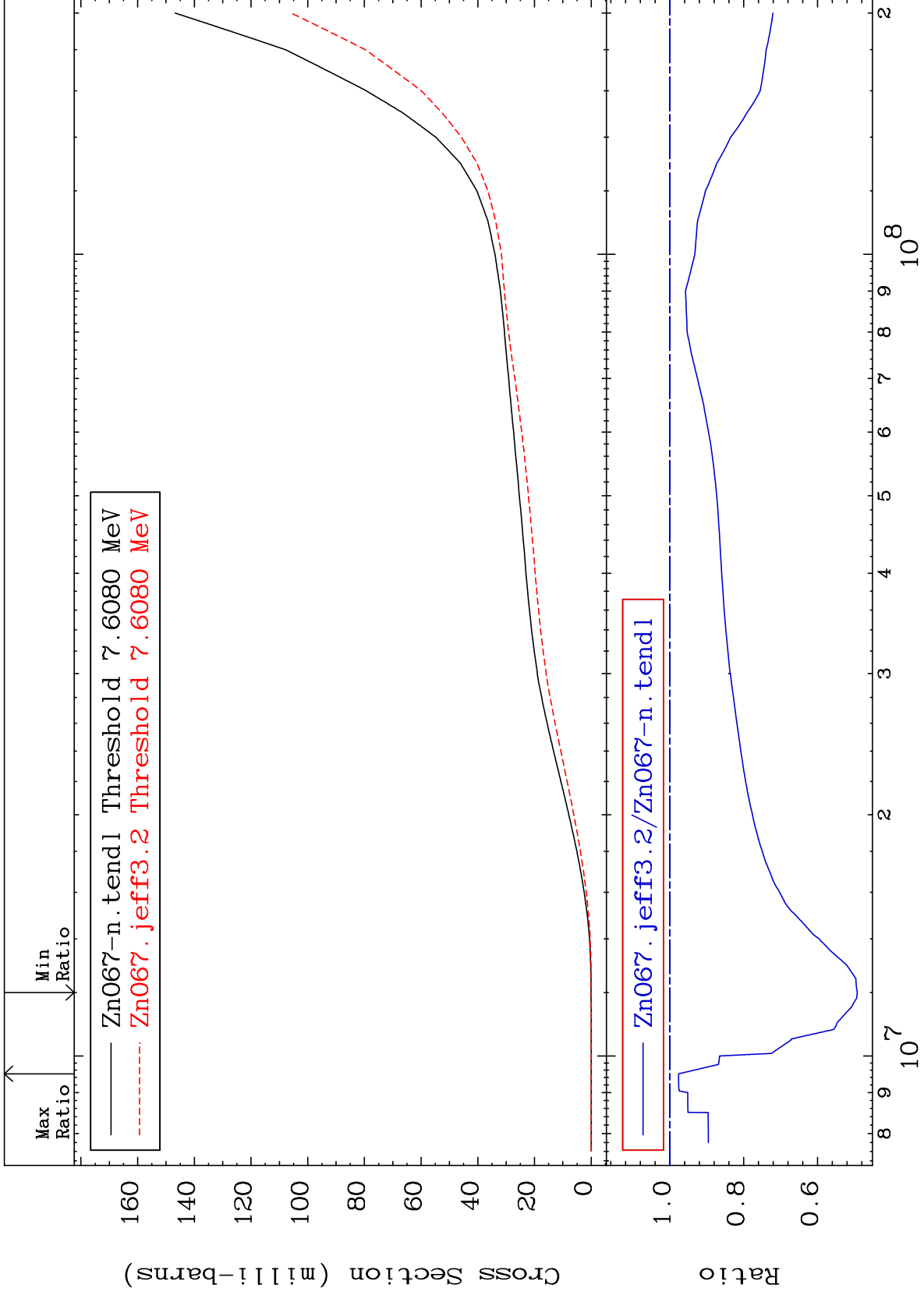
Incident Energy (eV)

30-Zn-67

MAT 3034

Tritium Production
Cross Section

30-Zn-67
-50.77 To -2.378%



66

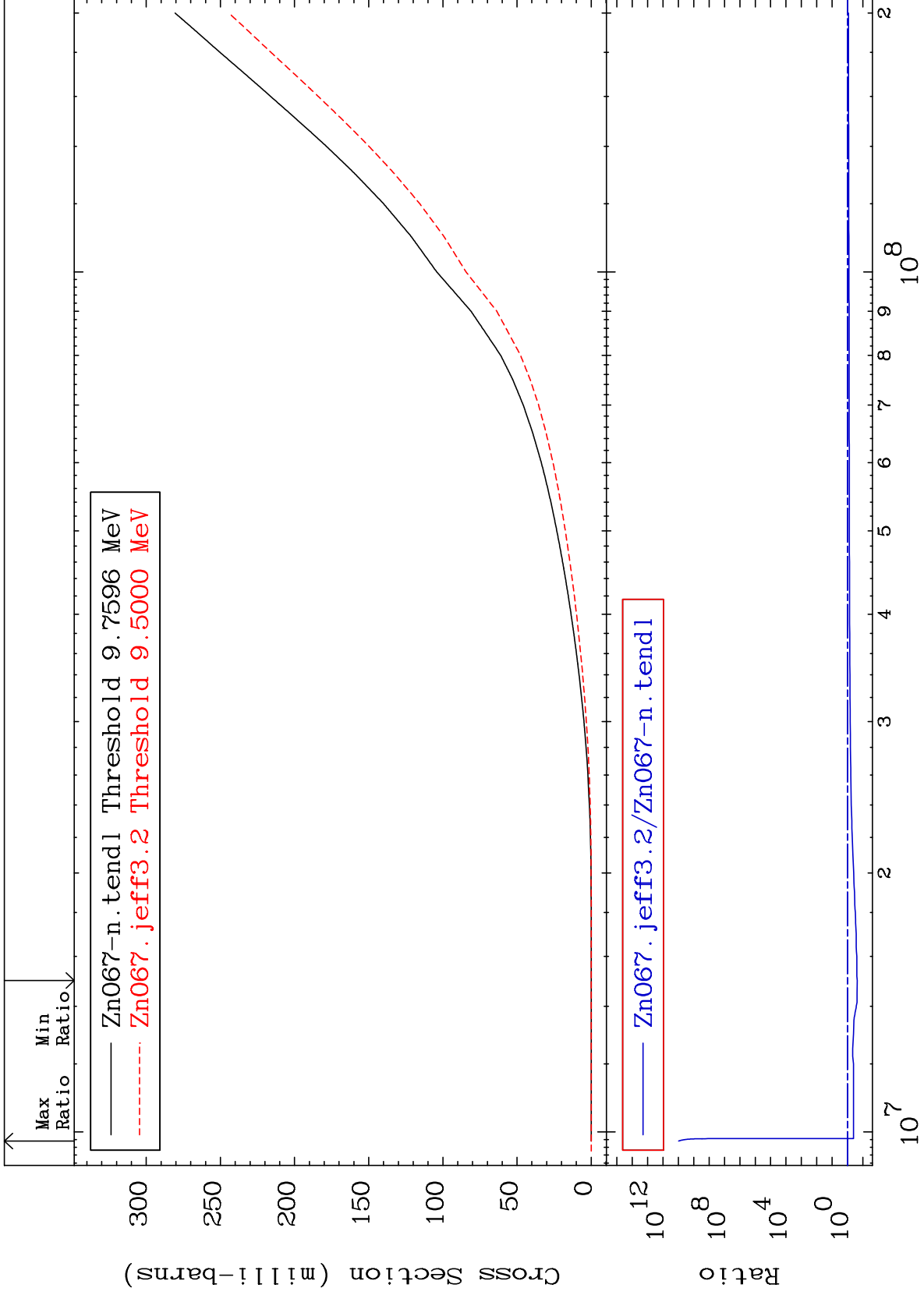
Incident Energy (eV)

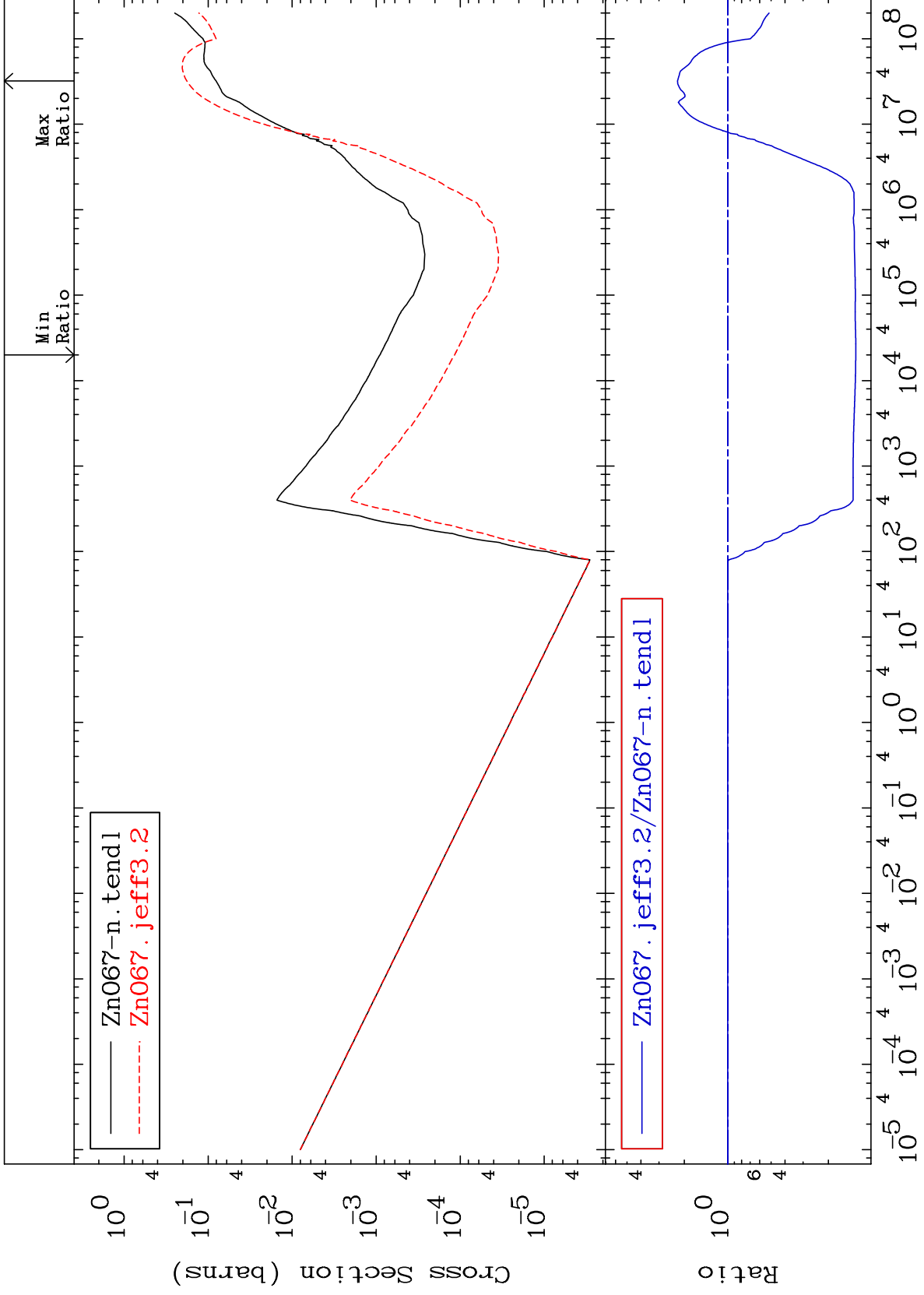
30-Zn-67

MAT 3034

He-3 Production
Cross Section

30-Zn-67
-76.83 To 9999. %





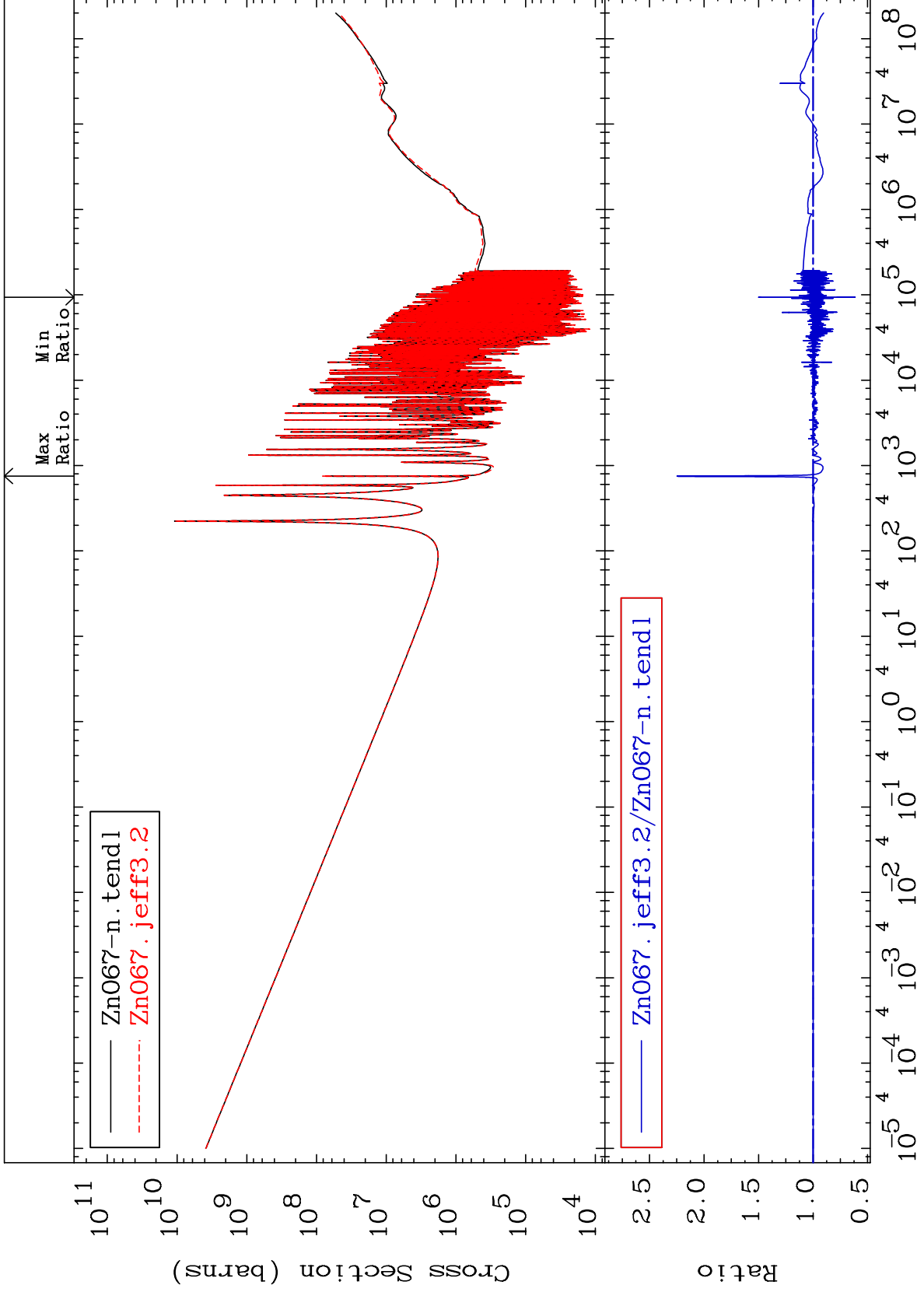
MAT 3034

Kerma total (eV-barns)

30-Zn-67

Cross Section

-38.51 To 124.8 %



69

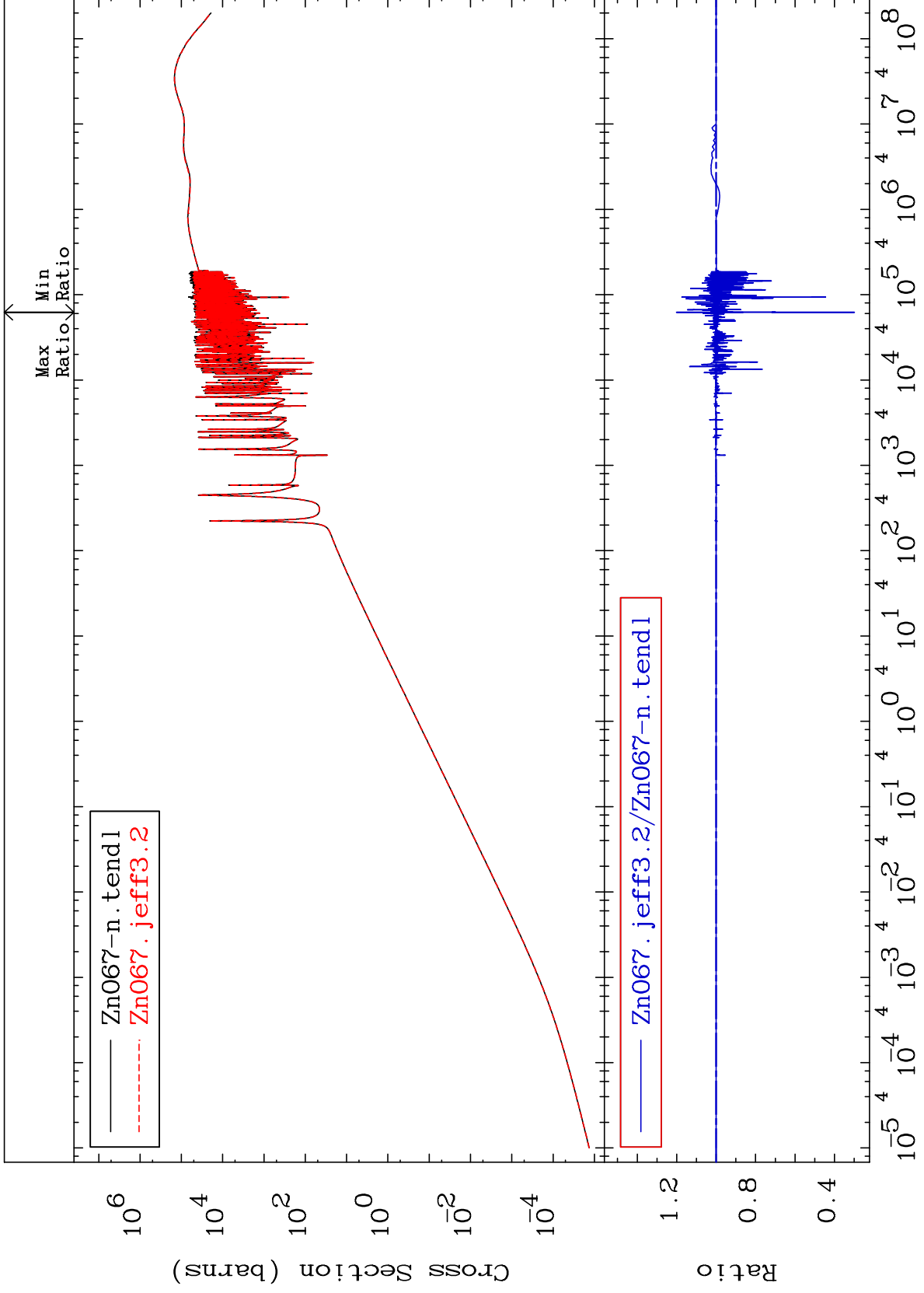
Incident Energy (eV)

30-Zn-67

MAT 3034

Kerma elastic
Cross Section

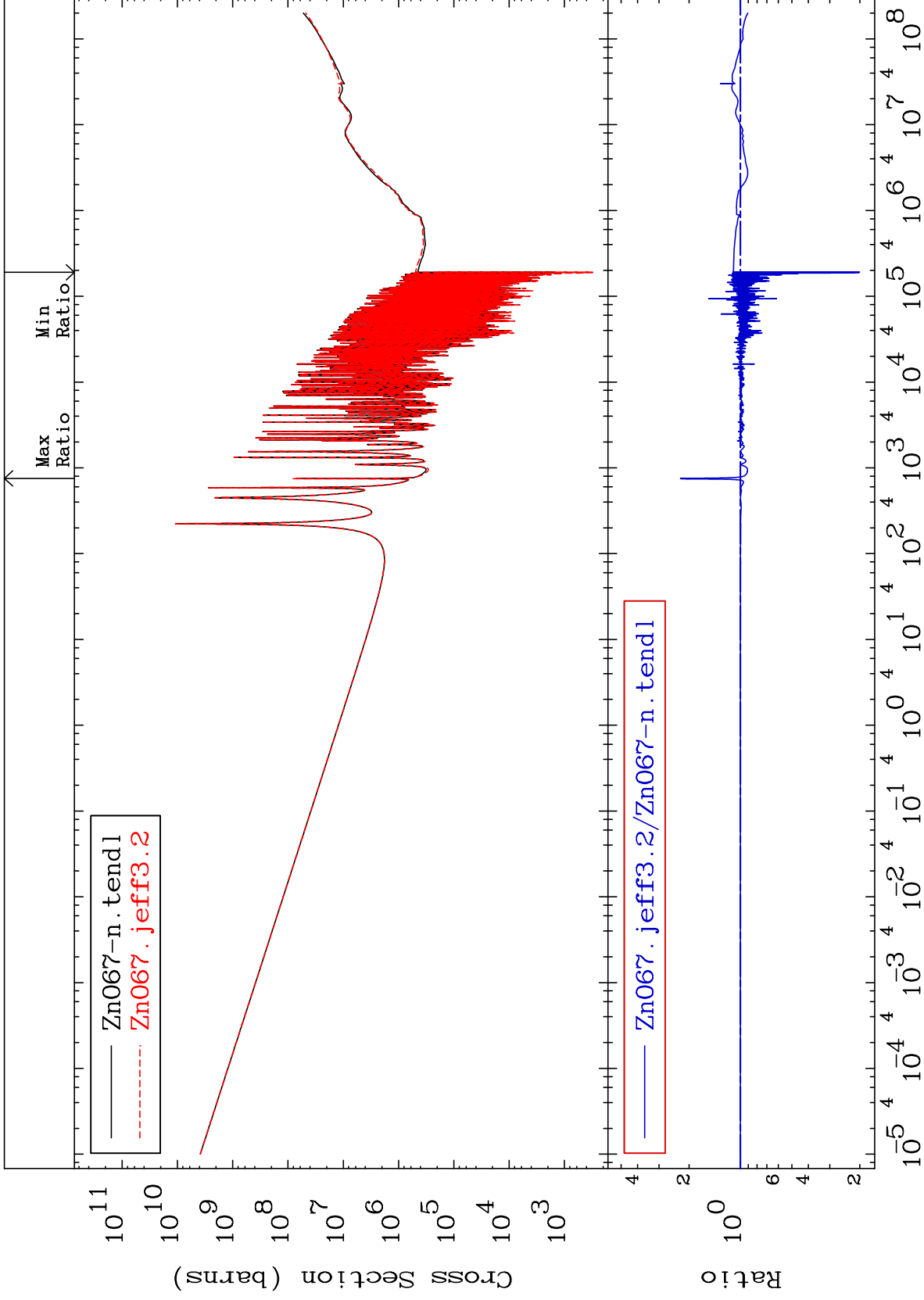
30-Zn-67
-70.10 To 20.17 %

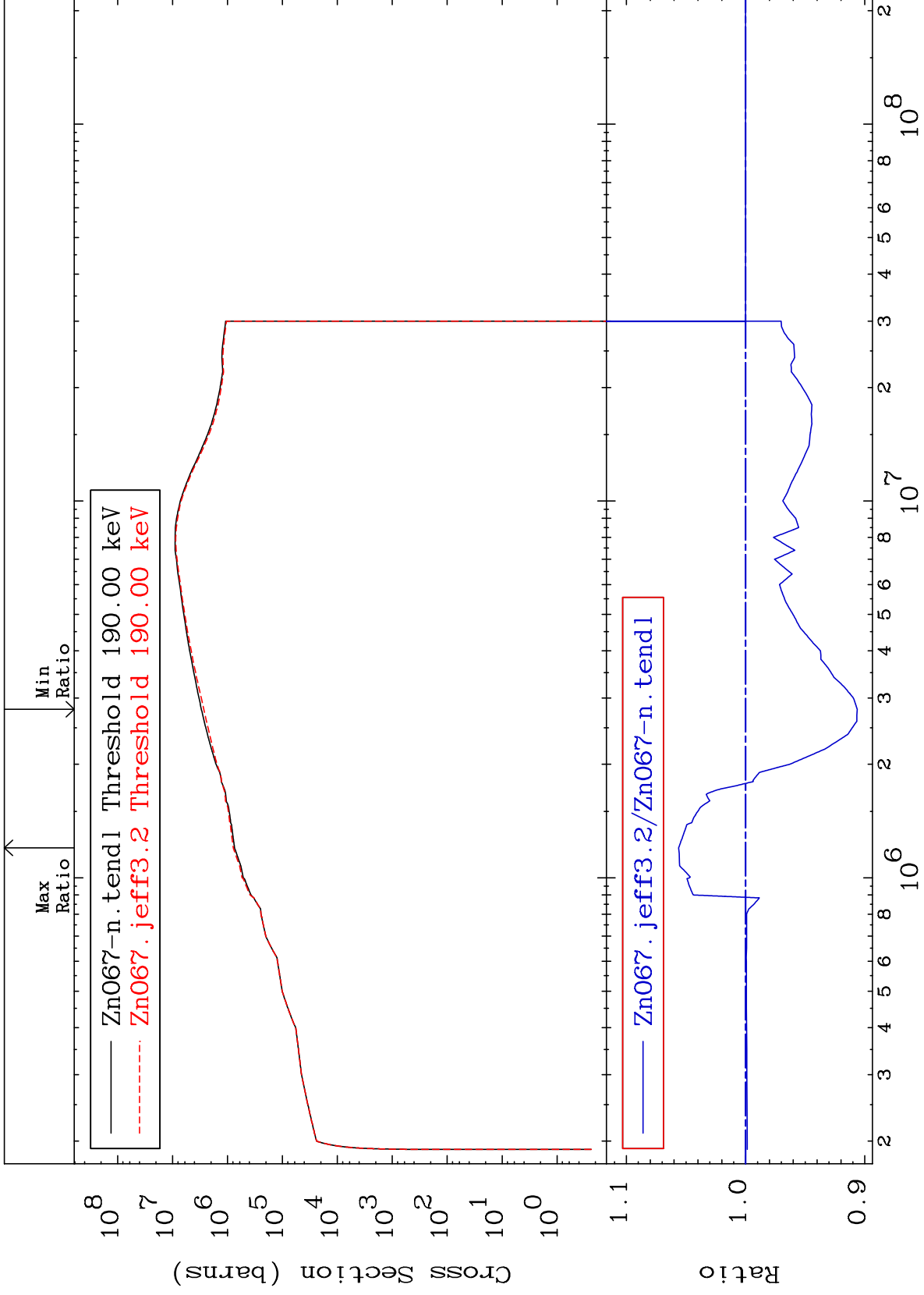


70

Incident Energy (eV)

30-Zn-67

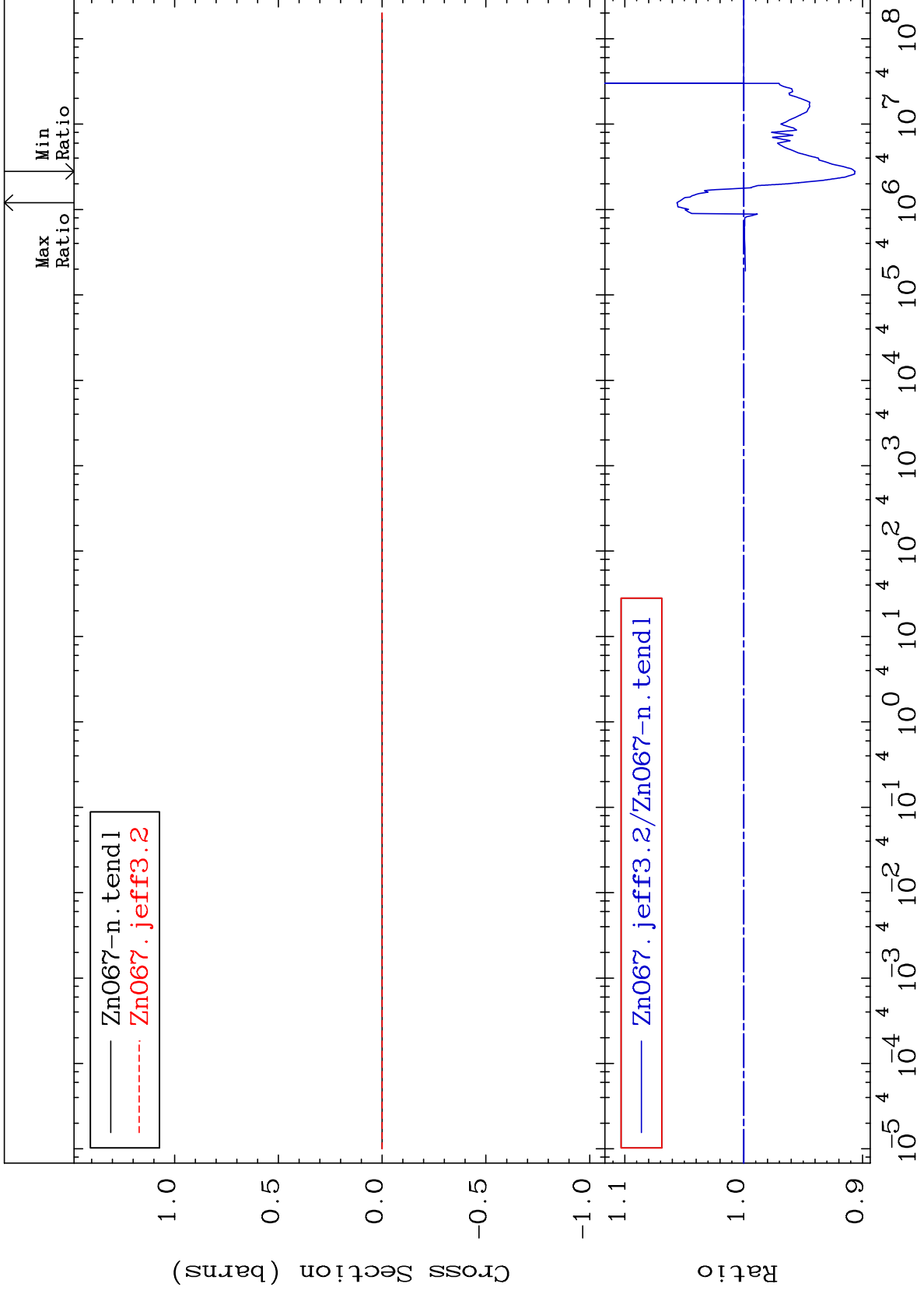




MAT 3034

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

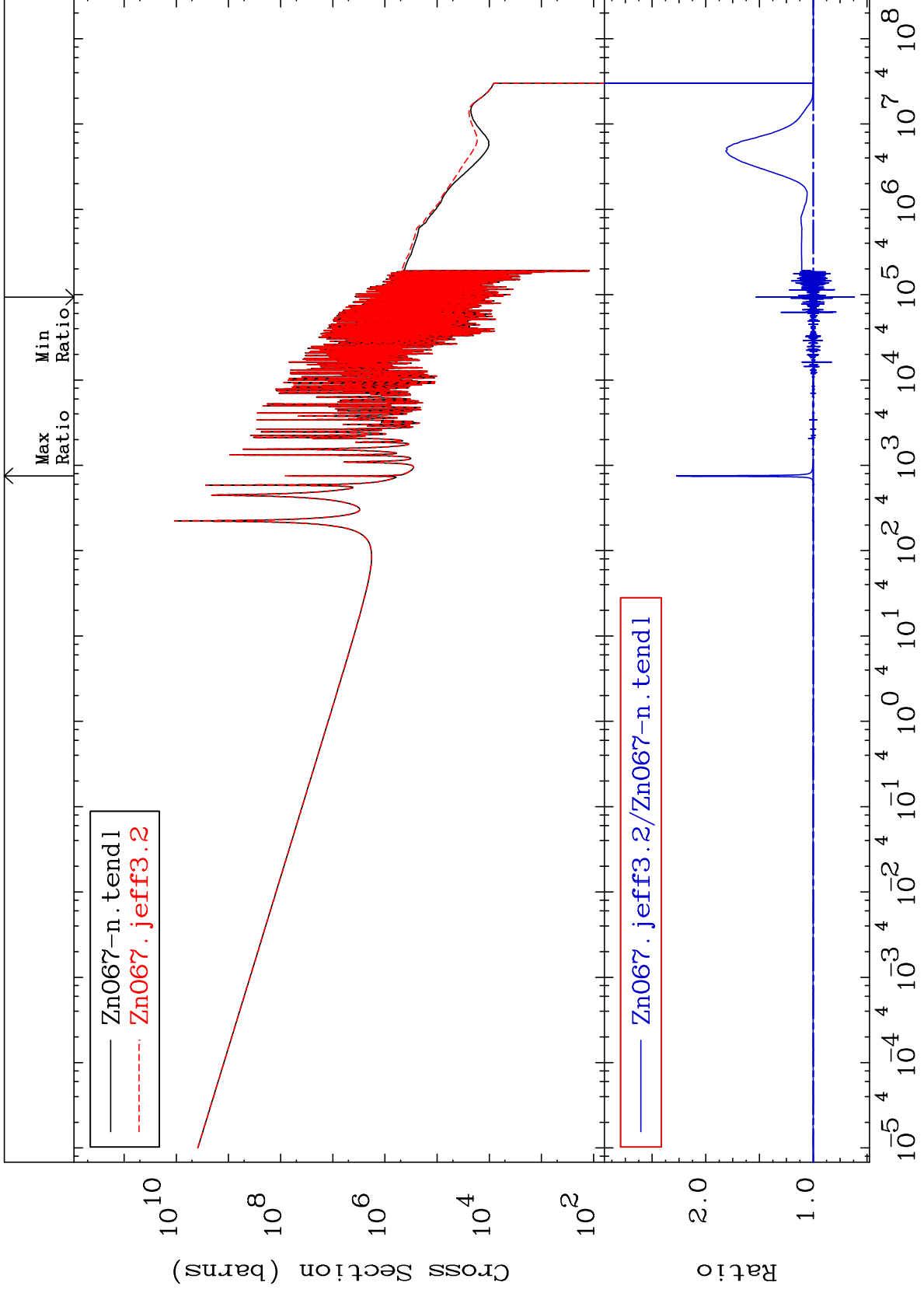
30-Zn-67
-9.367 To 5.618 %



MAT 3034

Kerma capture (mt102)
Cross Section

30-Zn-67
-38.32 To 127.5 %



74

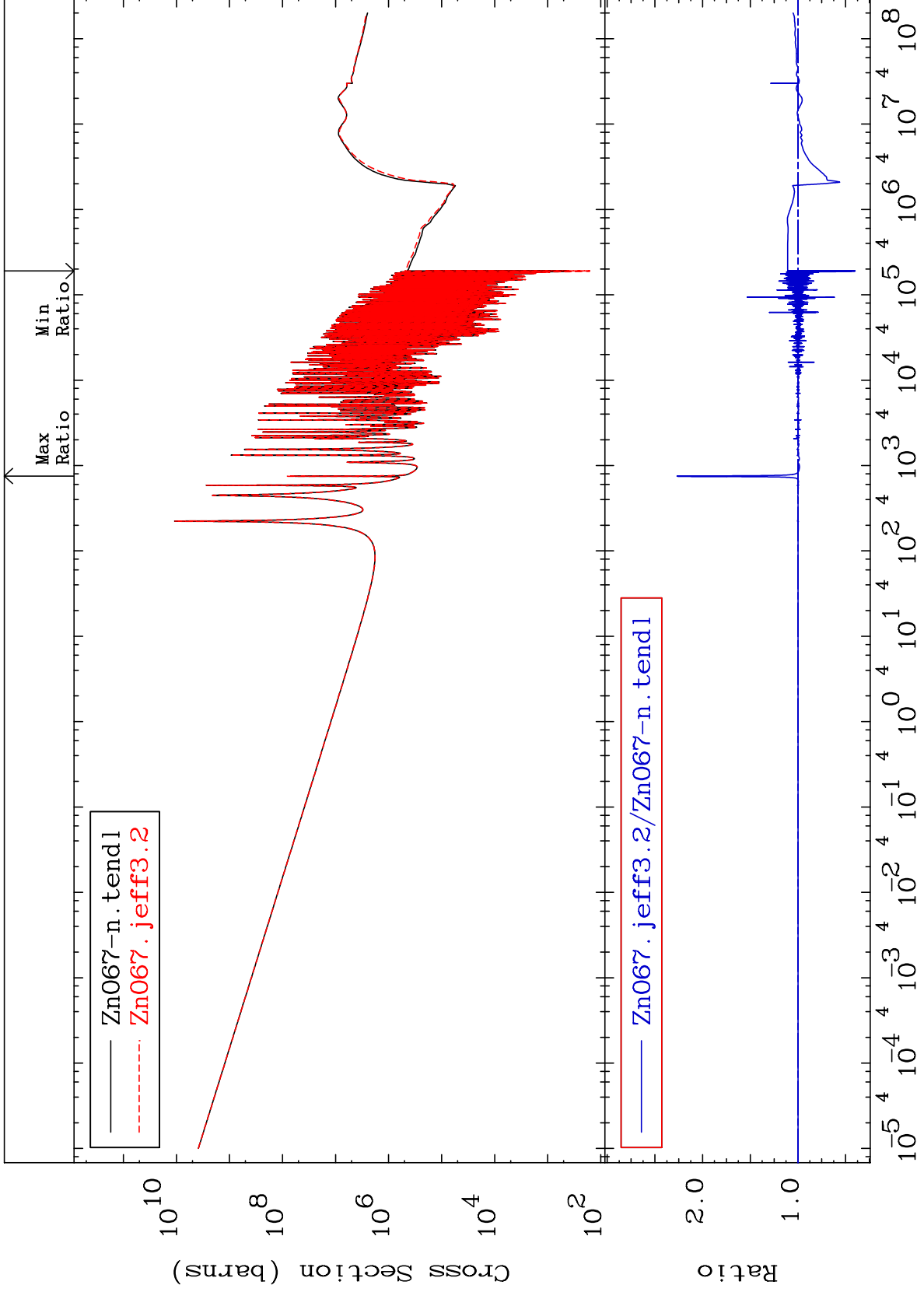
Incident Energy (eV)

30-Zn-67

MAT 3034

Total photon (eV-barns)
Cross Section

30-Zn-67
-59.94 To 126.9 %



75

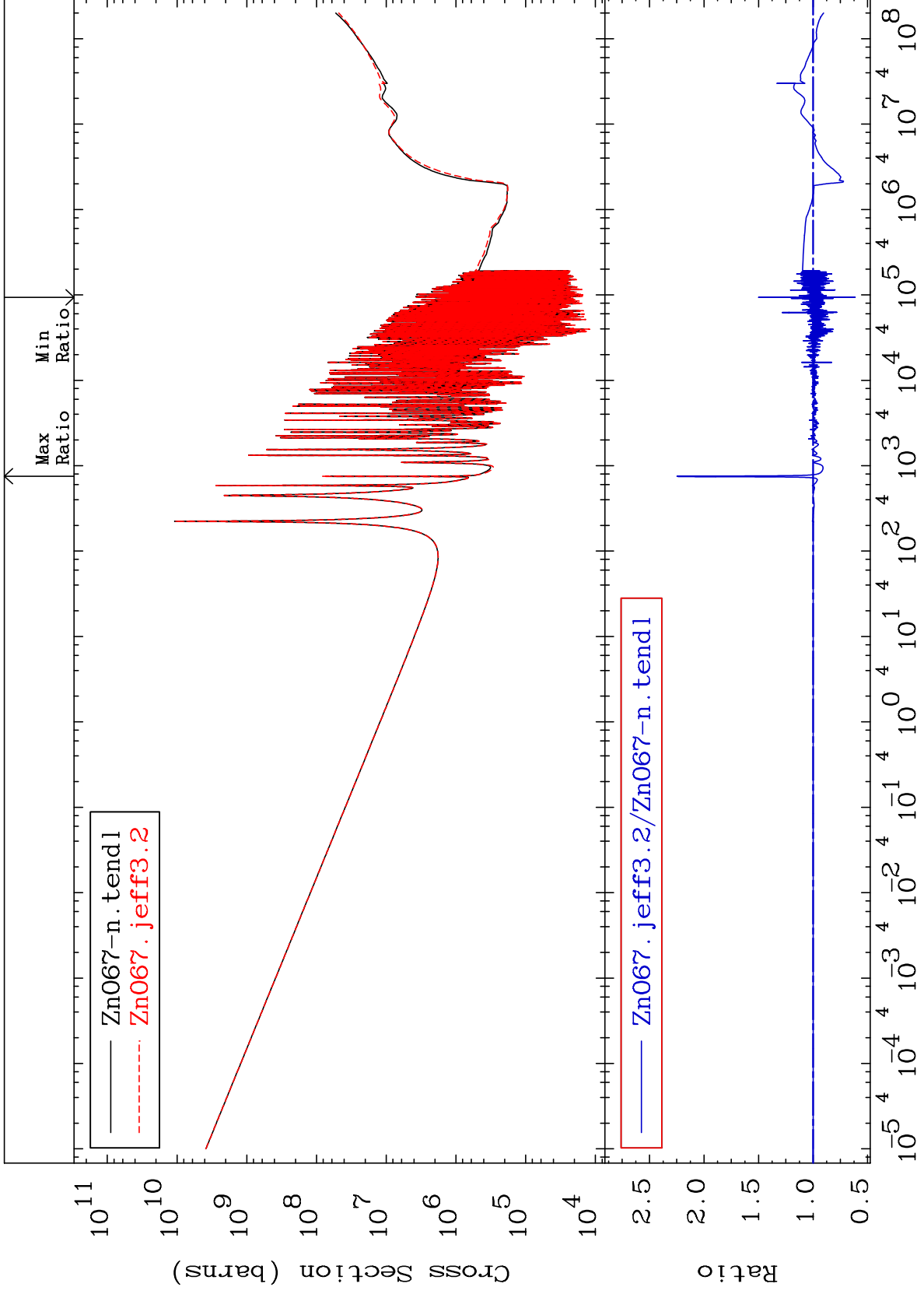
Incident Energy (eV)

30-Zn-67

MAT 3034

Total kinematic kerma (high limit)
Cross Section

30-Zn-67
-38.51 To 124.8 %



76

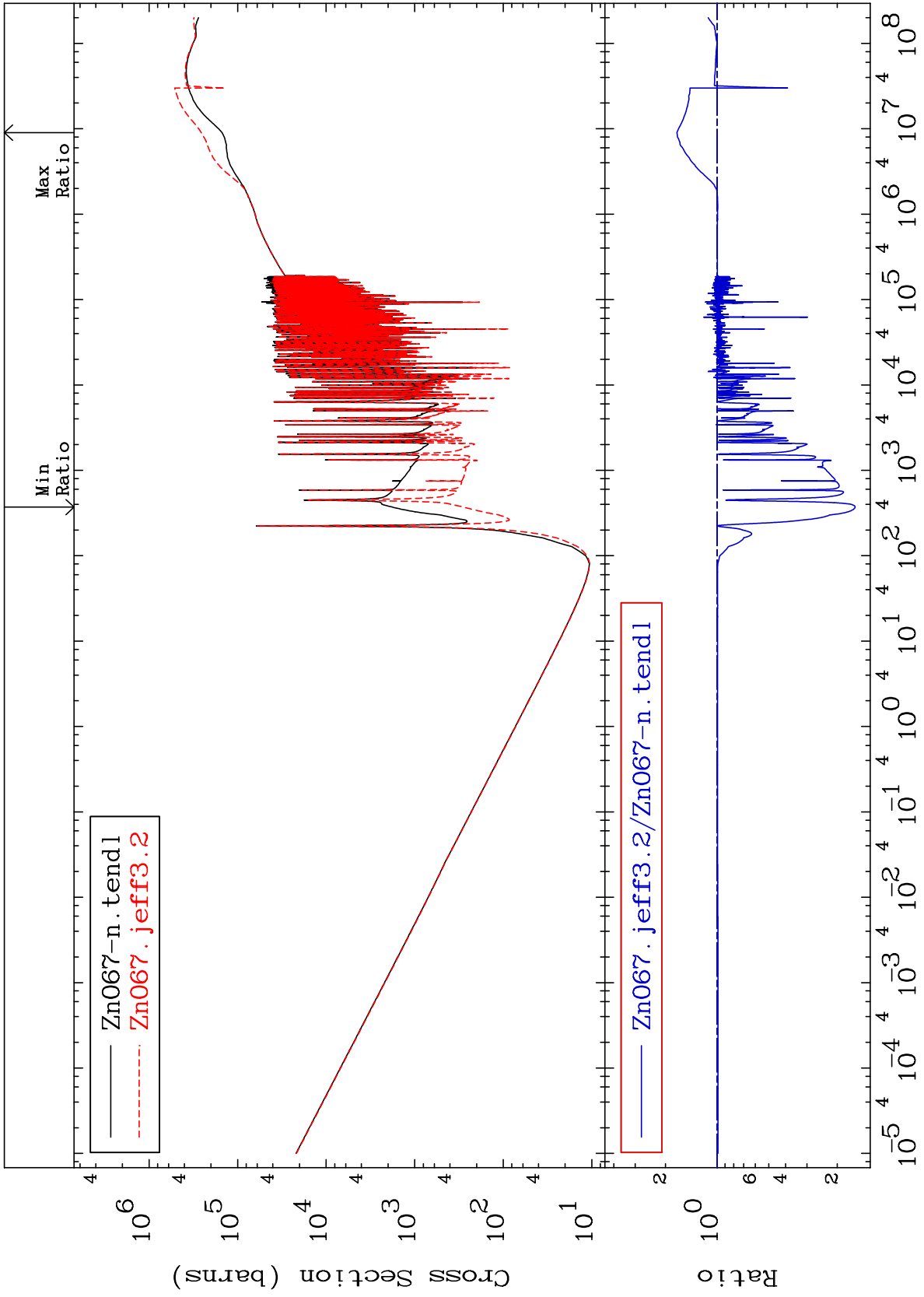
Incident Energy (eV)

30-Zn-67

MAT 3034

Dpa total (eV-barns)
Cross Section

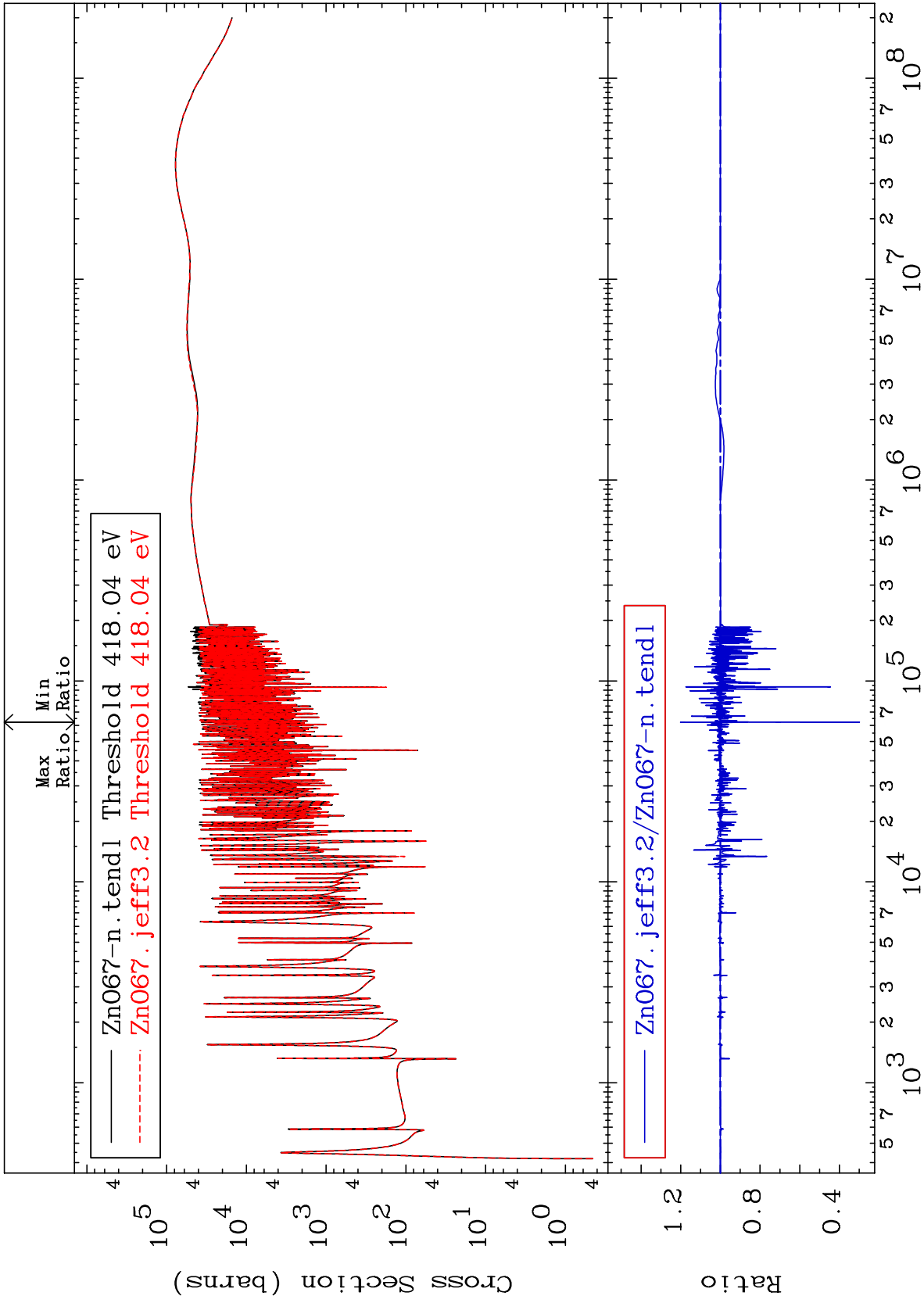
30-Zn-67
-84.27 To 71.55 %



77

Incident Energy (eV)

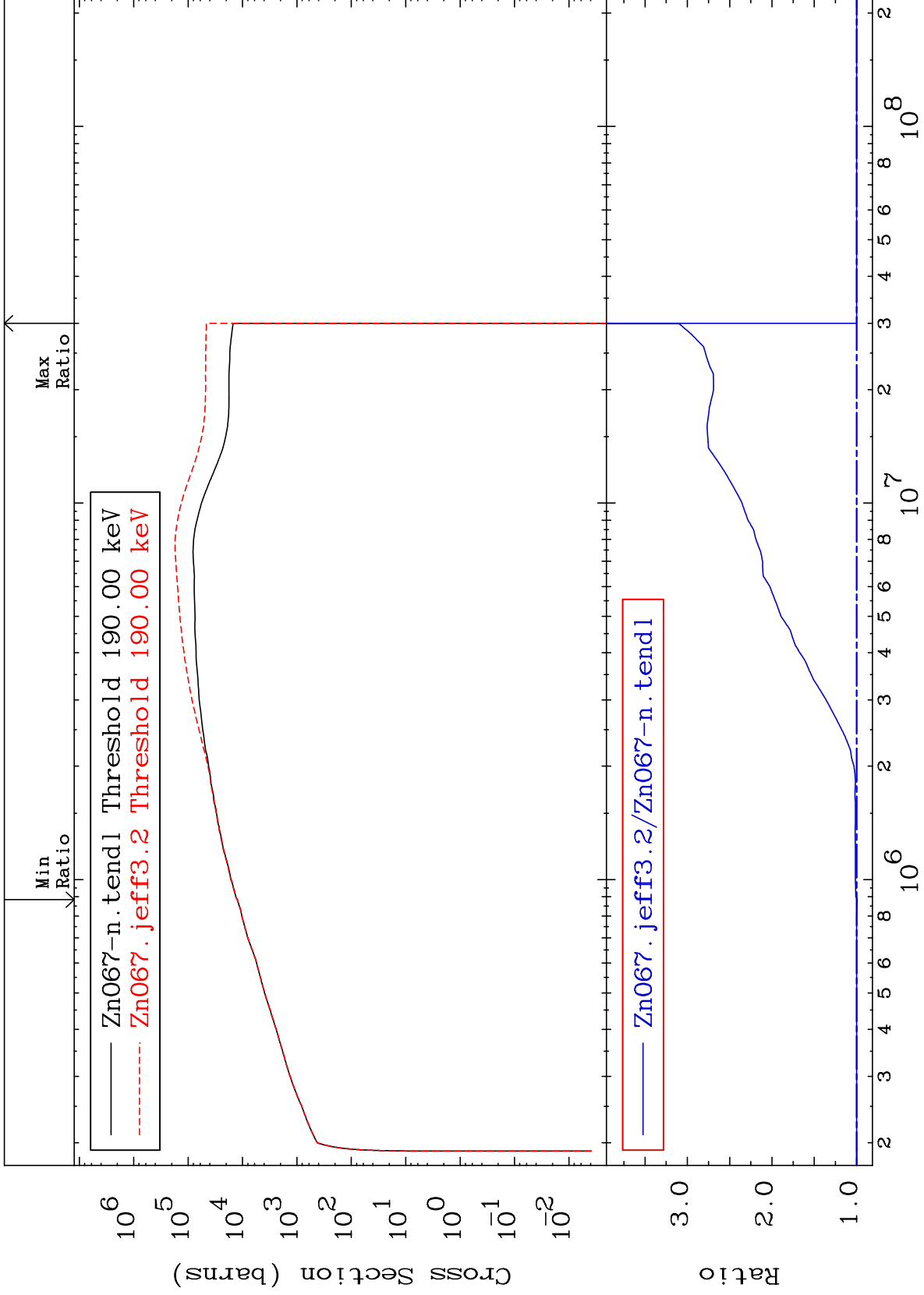
30-Zn-67



MAT 3034

Dpa inelastic (mt51-91)
Cross Section

30-Zn-67
-0.802 To 210.3 %



79

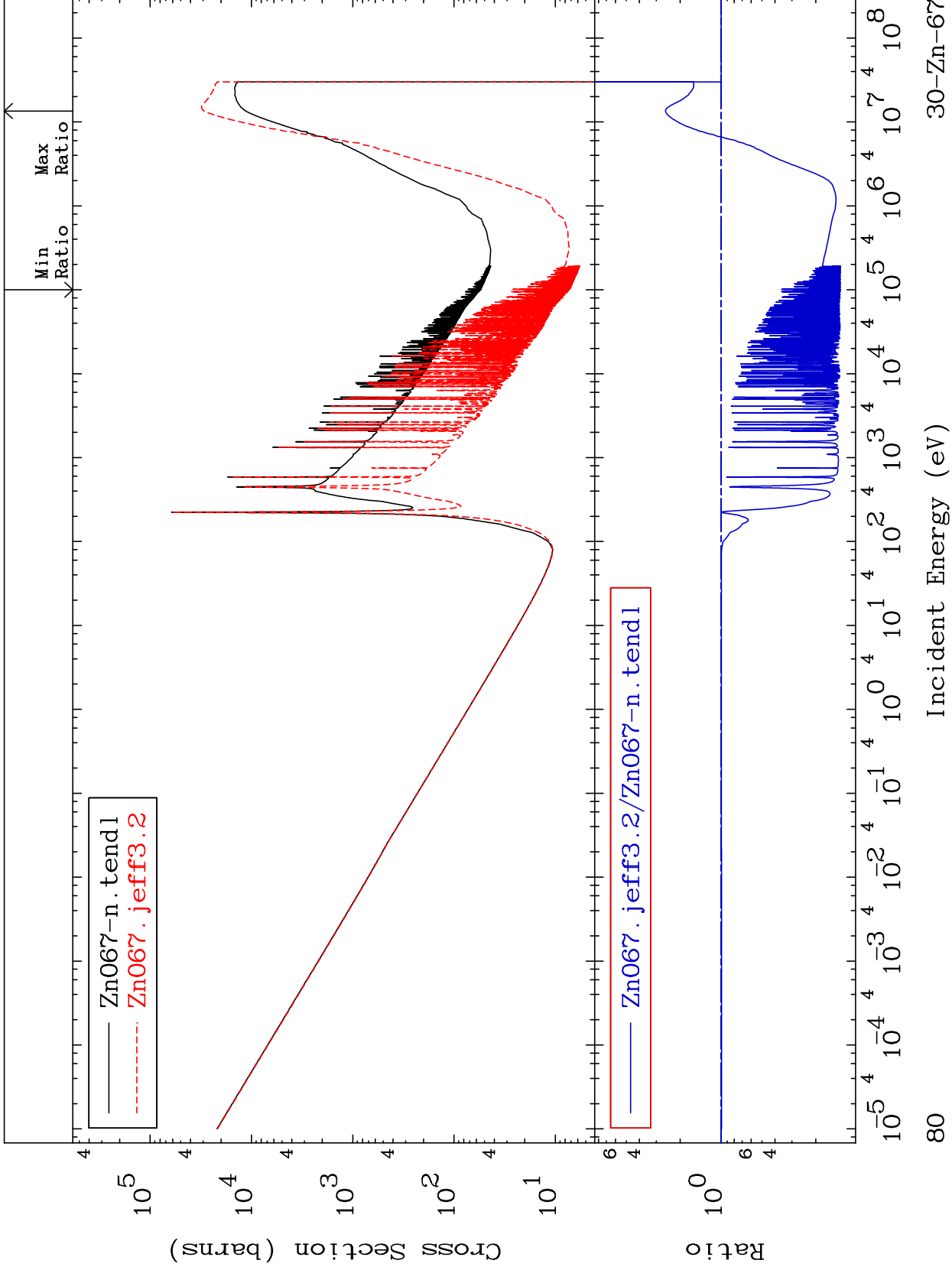
Incident Energy (eV)

30-Zn-67

MAT 3034

Dpa disappearance (mt102 -120)
Cross Section

30-Zn-67
-86.87 To 156.7 %



80

Incident Energy (eV)

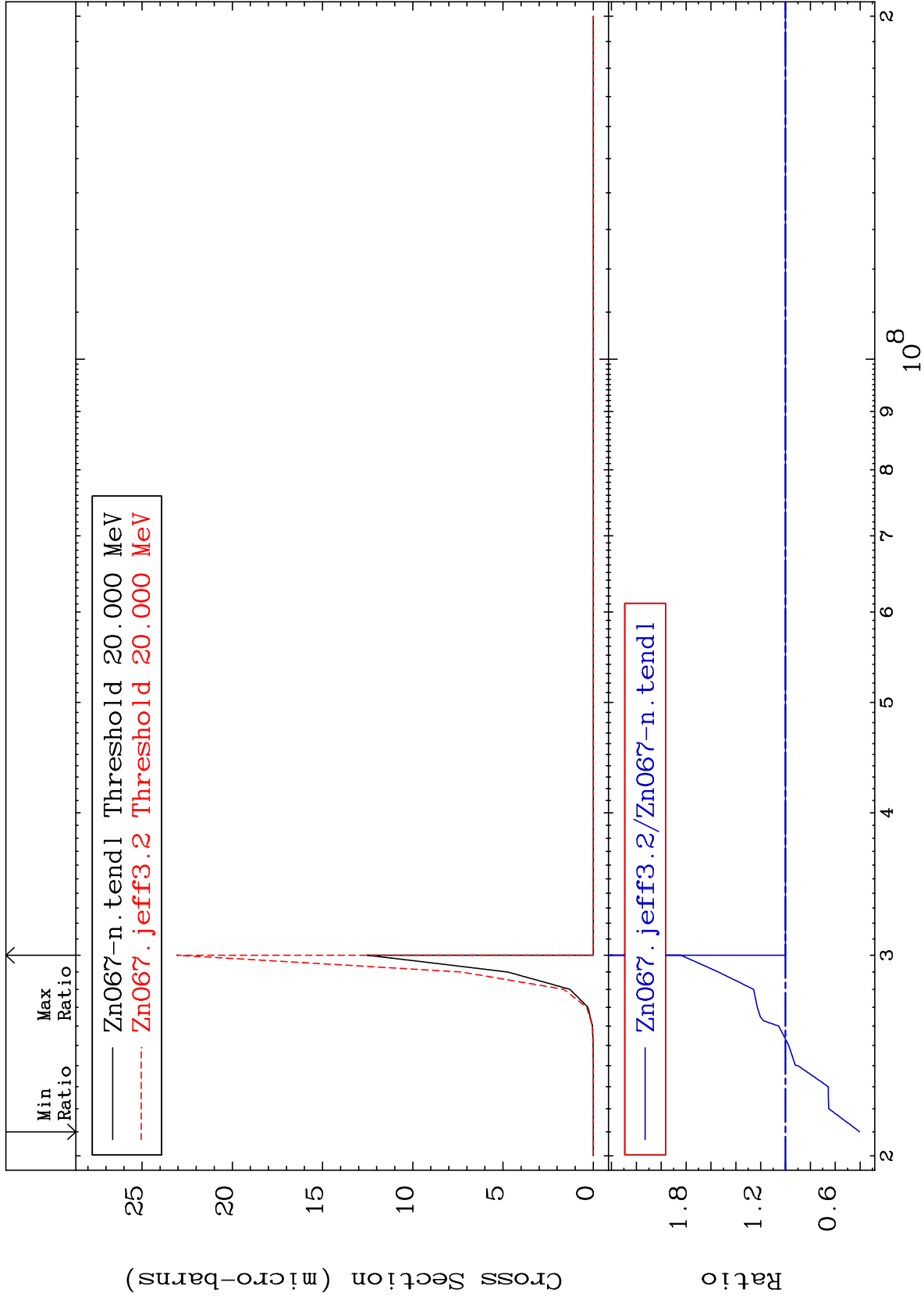
30-Zn-67

MAT 3034

30-Zn-67

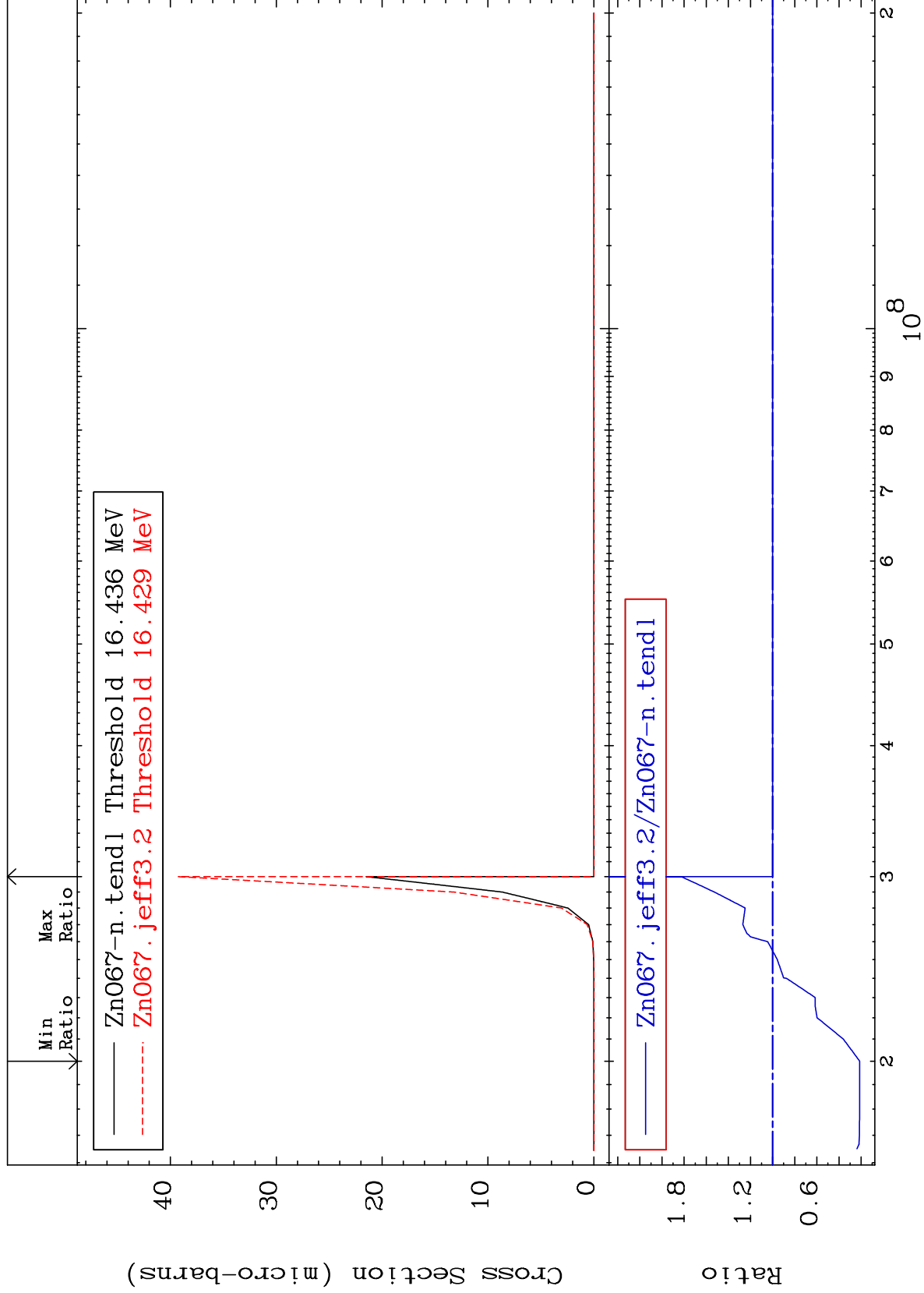
(n,n') p α :27-Co-62g

Radionuclide Production Cross Section -59.57 To 84.27 %

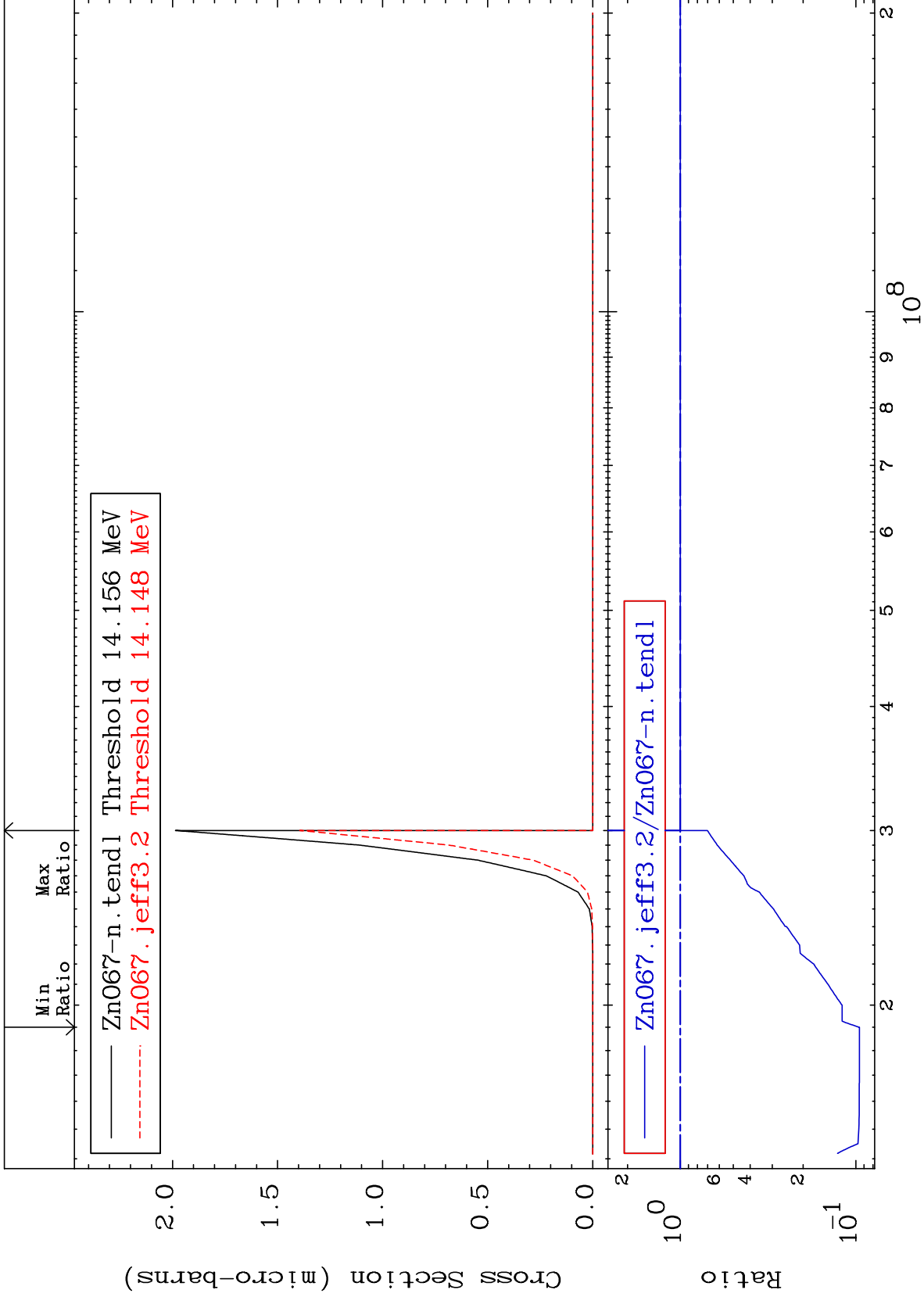


Radionuclide Production Cross Section

-78.67 To 82.66 %



Radionuclide Production Cross Section -90.44 To 0.000 %



Radionuclide Production Cross Section -89.44 To 0.000 %

