

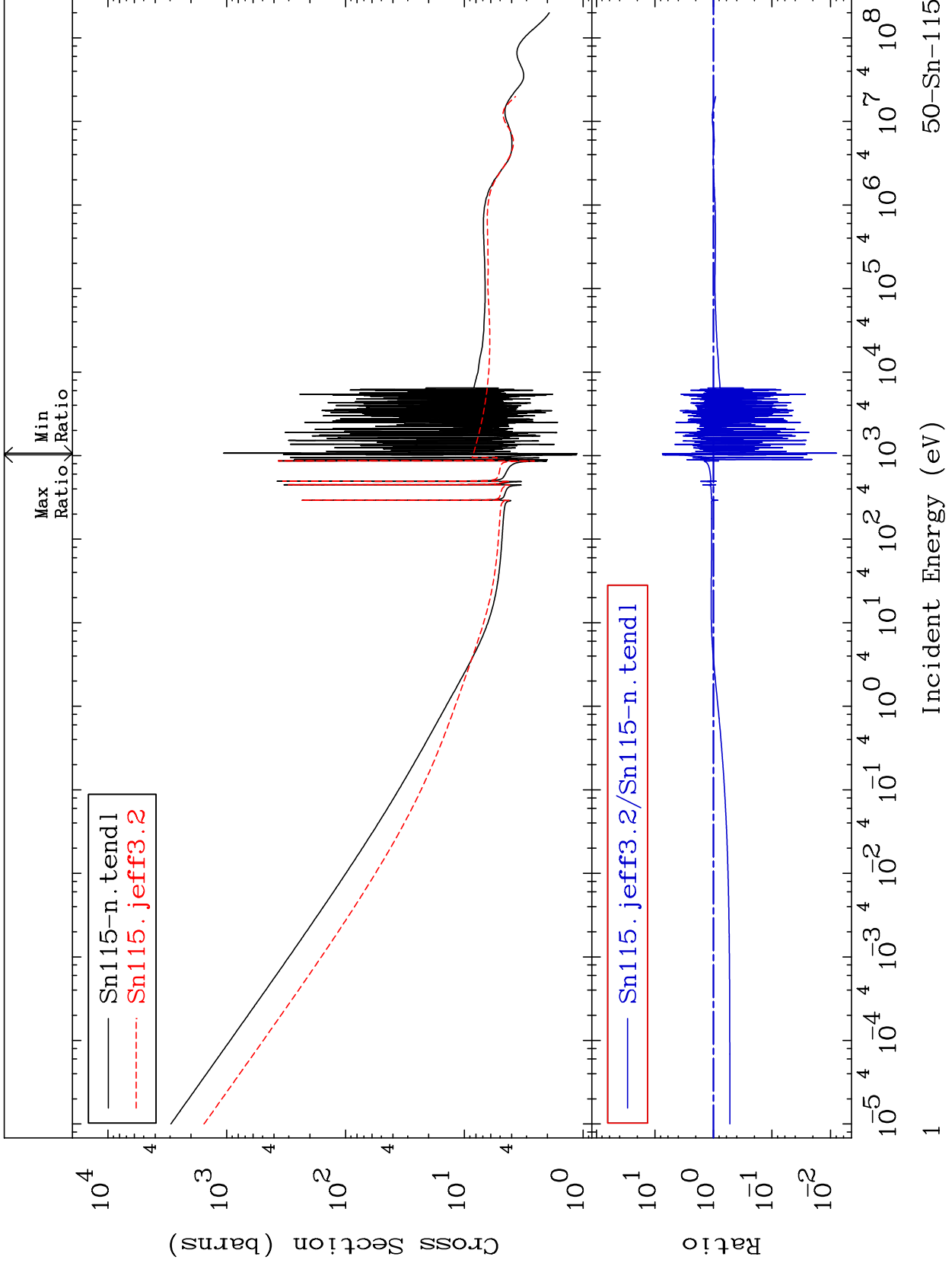
MAT 5034

Total

50-Sn-115

Cross Section

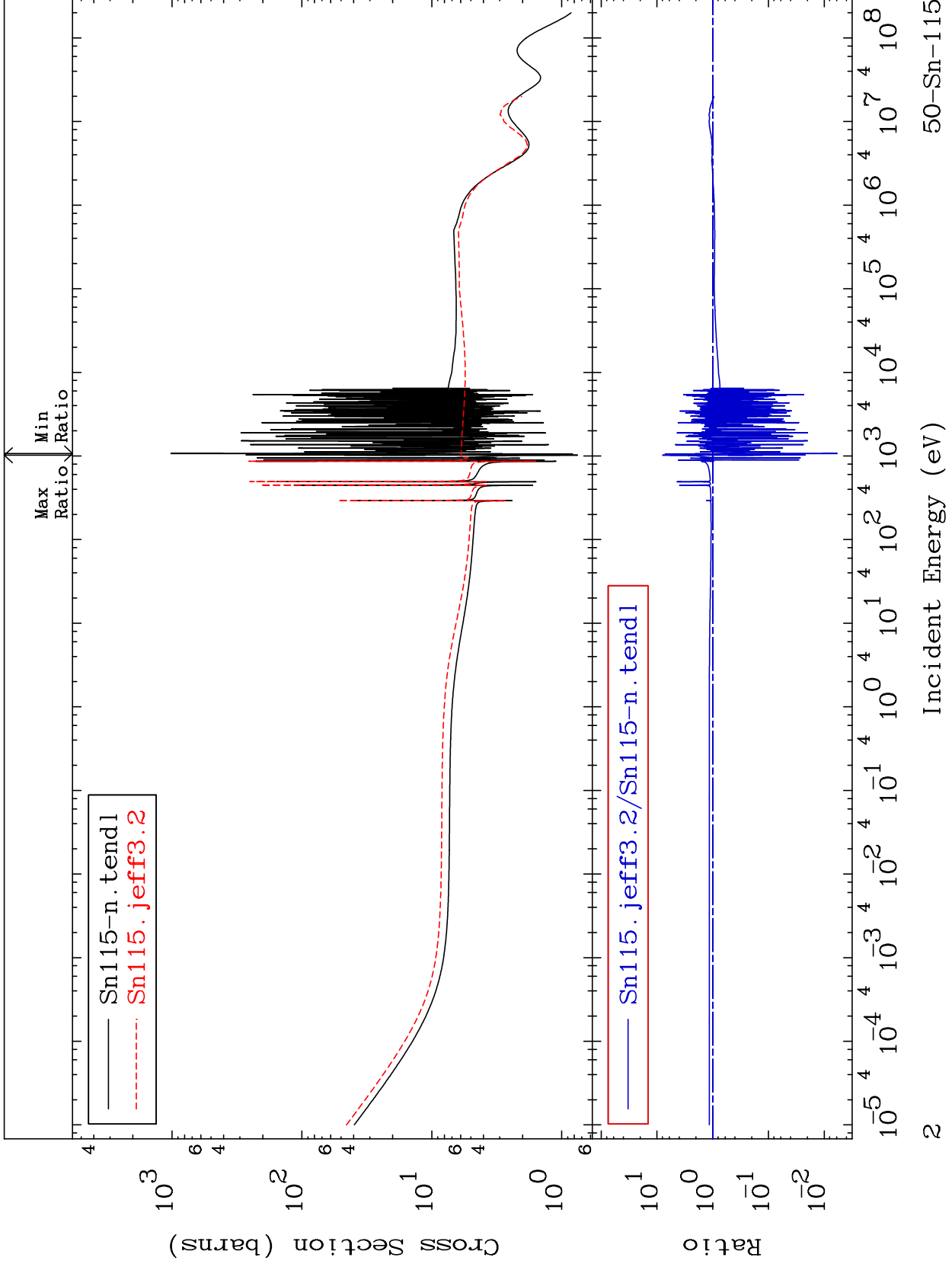
-99.22 To 647.8 %



MAT 5034

Elastic
Cross Section

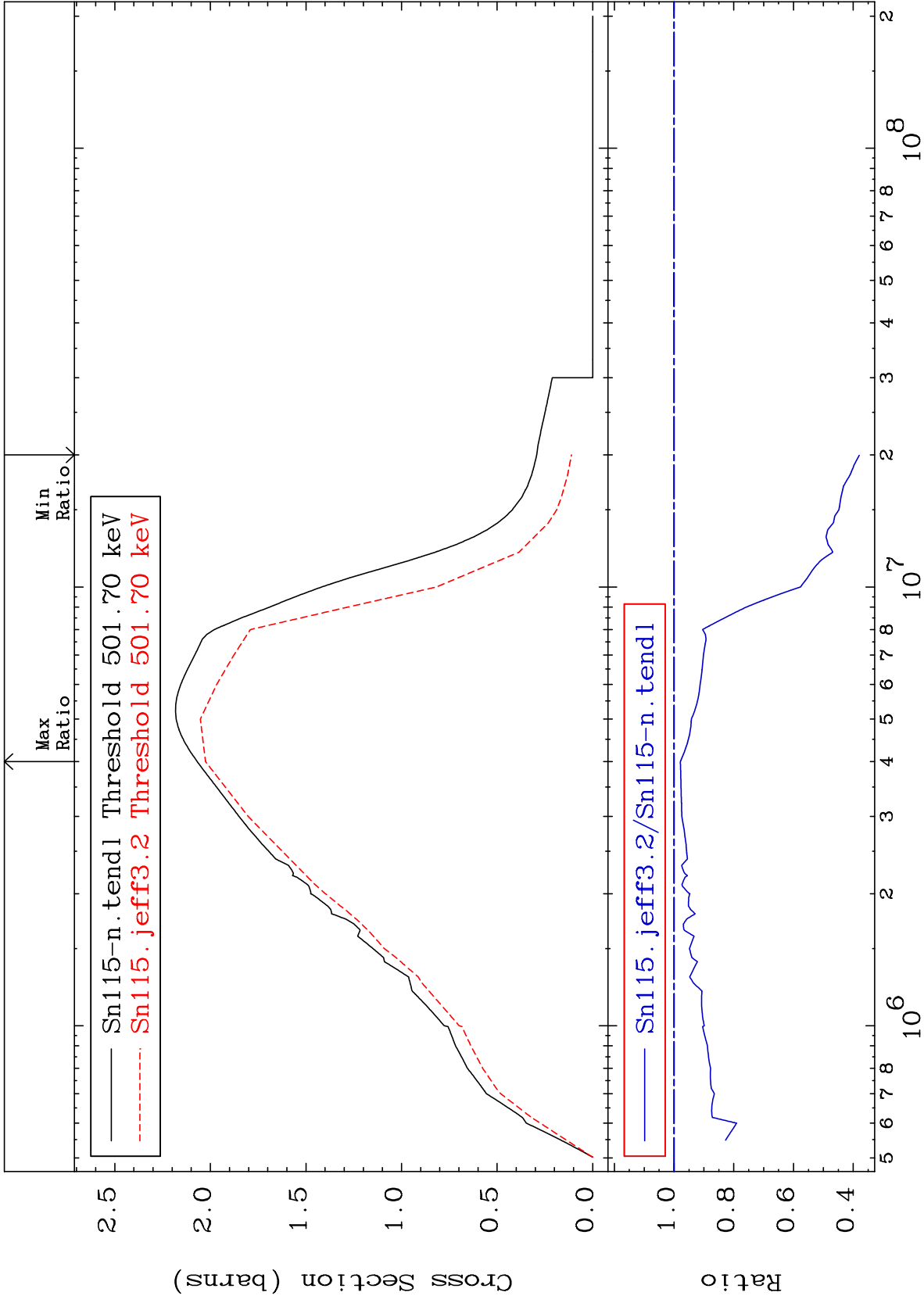
50-Sn-115
-99.42 To 685.1 %



MAT 5034

Inelastic
Cross Section

50-Sn-115
-62.07 To -2.108%



3

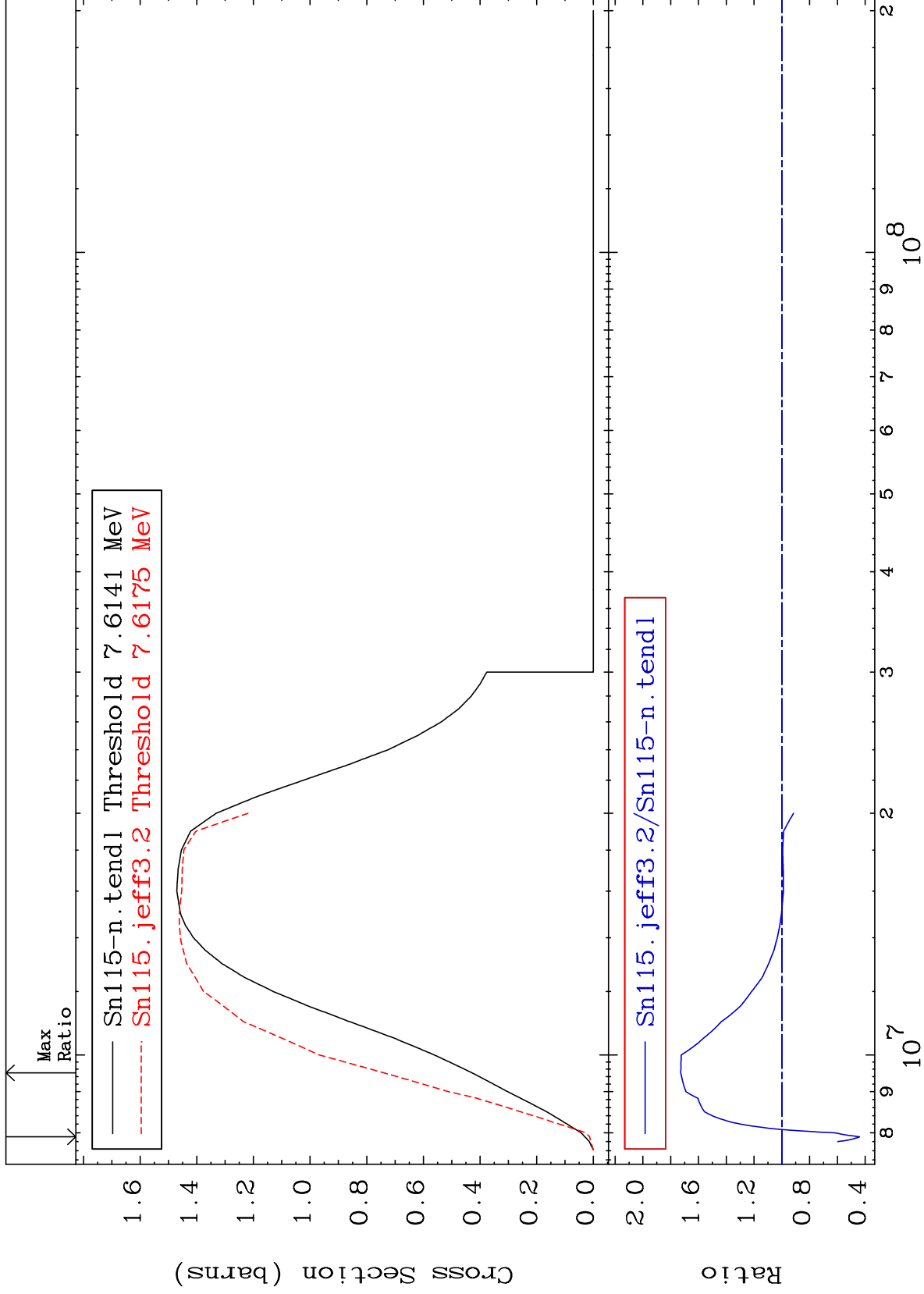
Incident Energy (eV)

50-Sn-115

MAT 5034

(n,2n)
Cross Section

50-Sn-115
-55.95 To 72.76 %



4

Incident Energy (eV)

50-Sn-115

MAT 5034

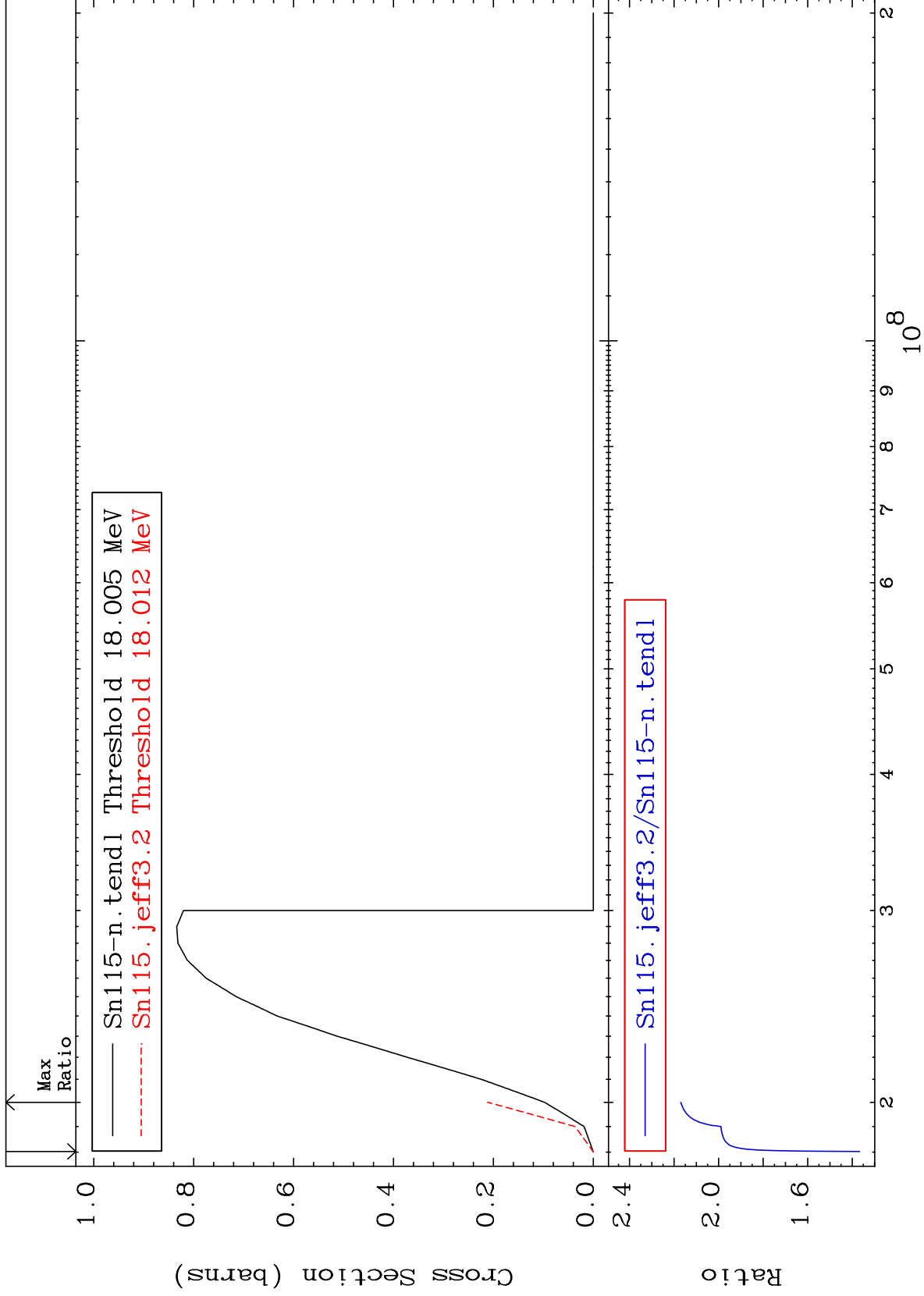
(n,3n)

50-Sn-115

Cross Section

36.72

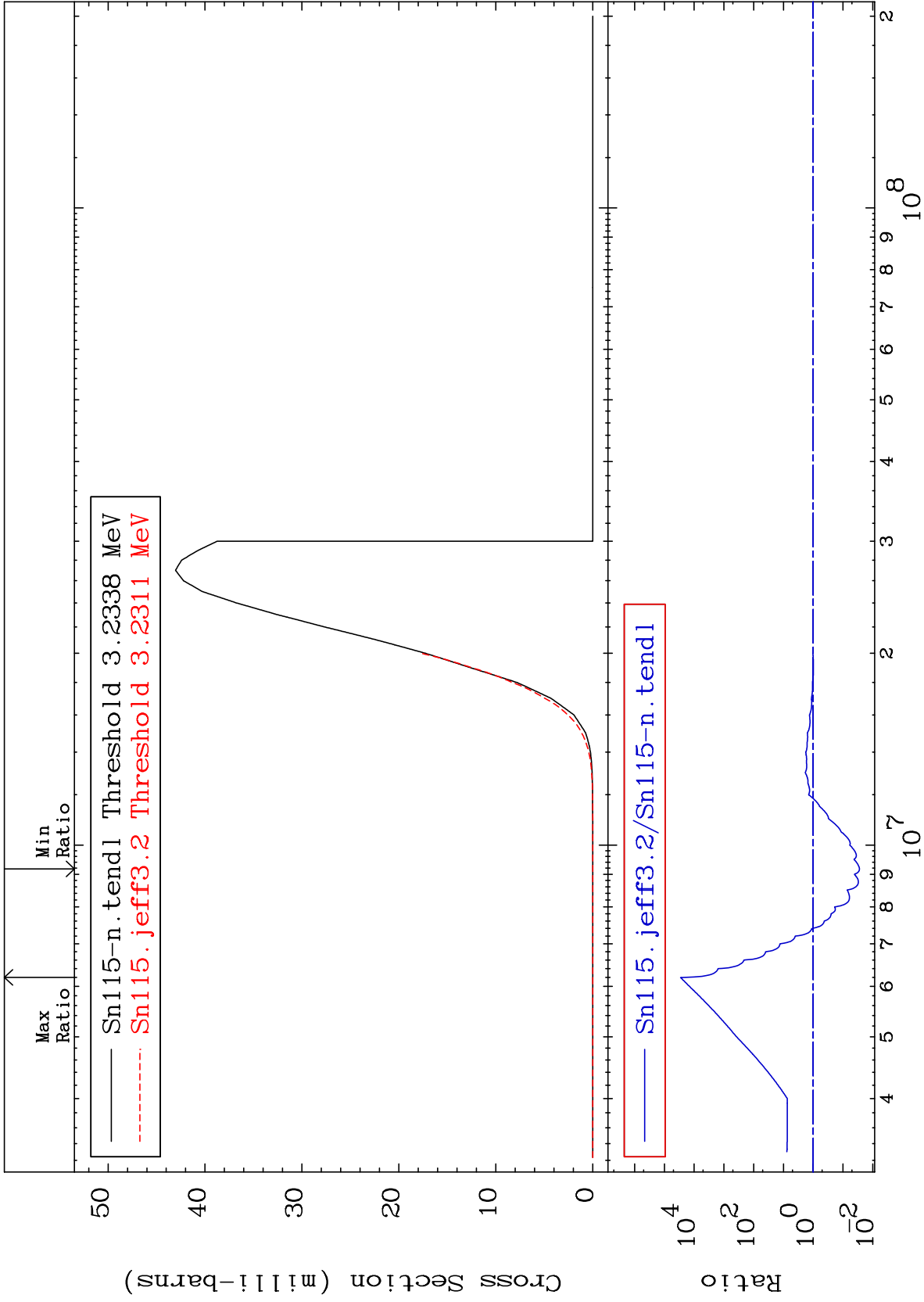
To 117.0 %



MAT 5034

(n, n') α
Cross Section

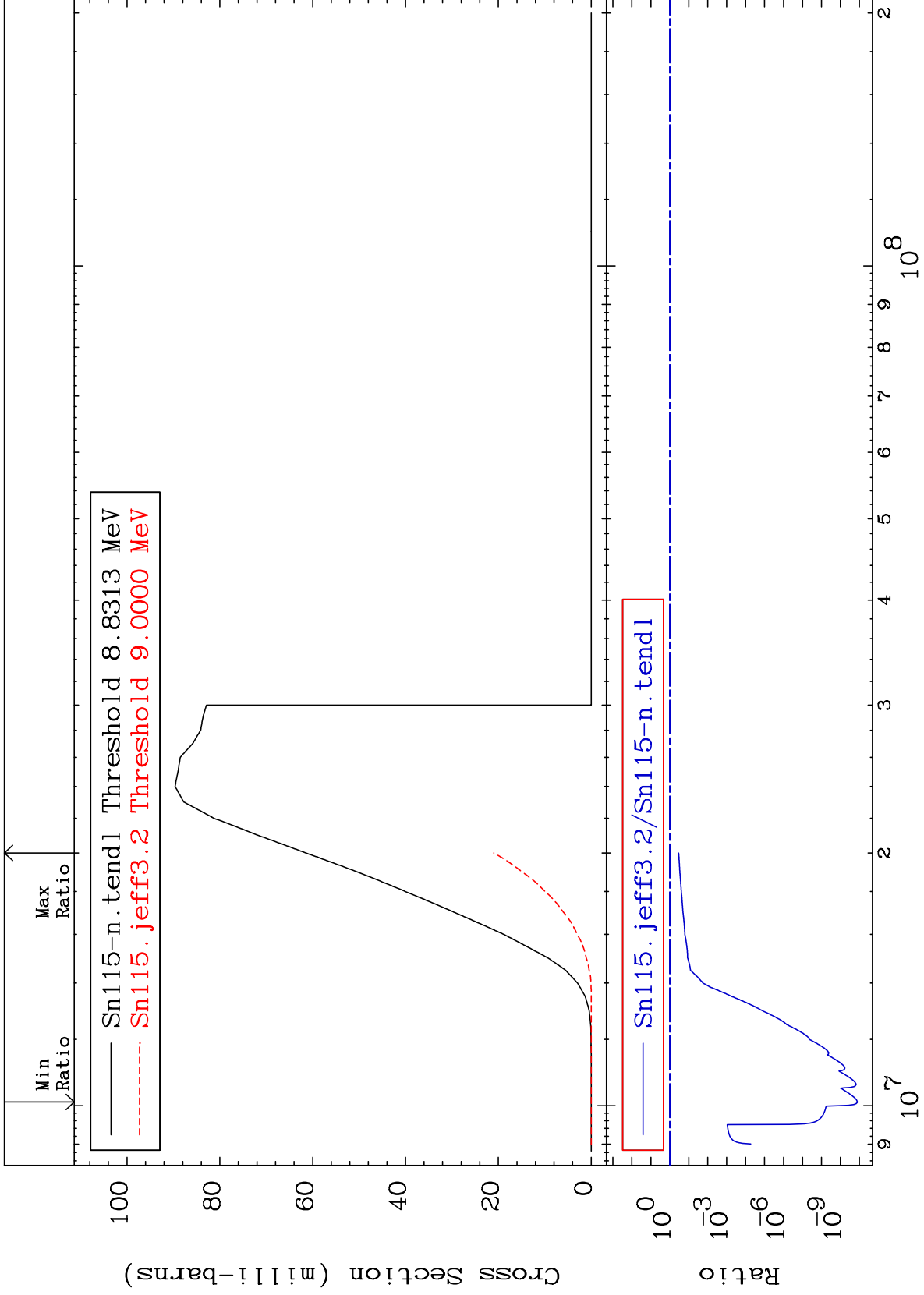
50-Sn-115
-97.20 To 9999. %



MAT 5034

(n,n') p
Cross Section

50-Sn-115
-100.0 To -65.87%



7

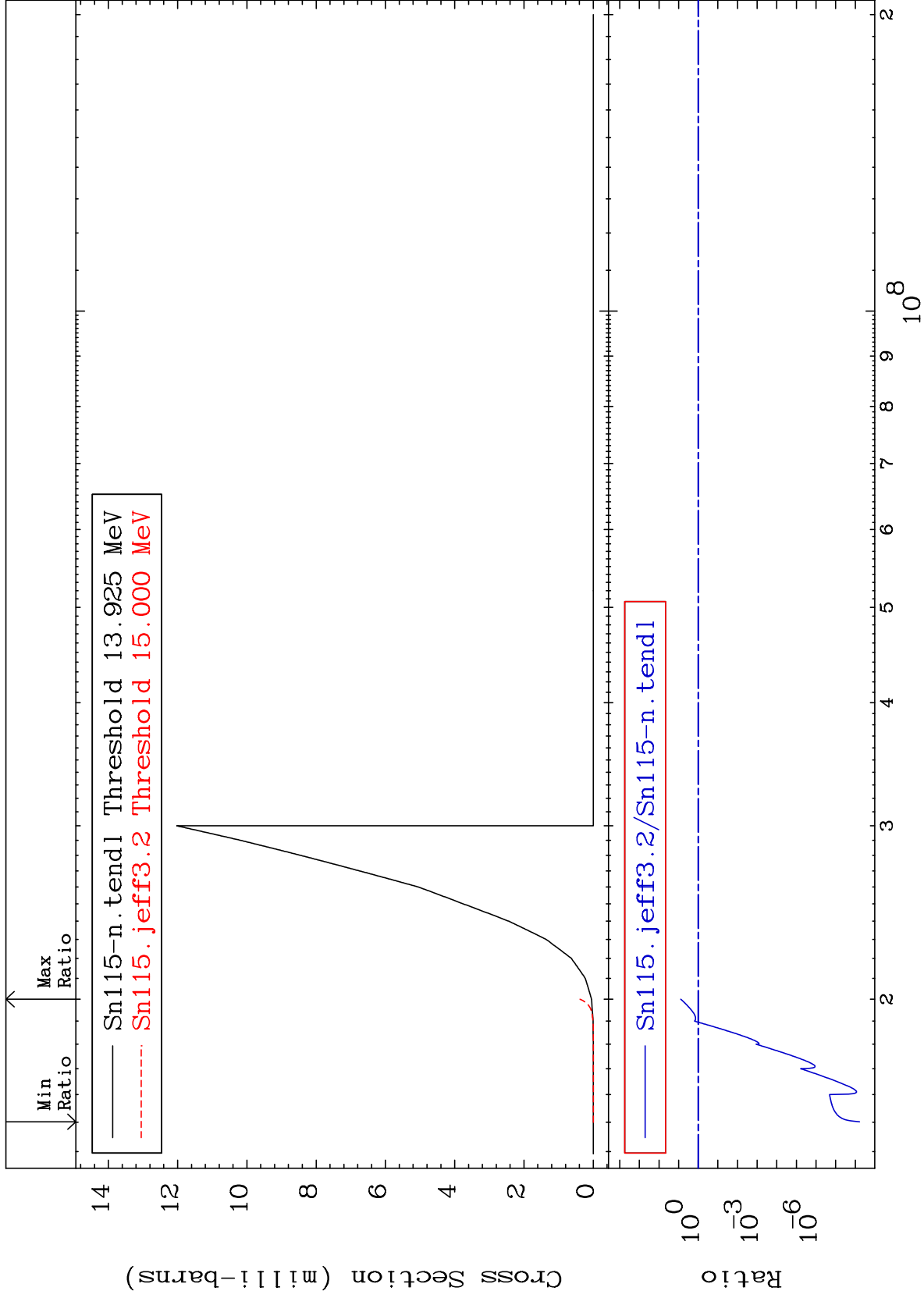
Incident Energy (eV)

50-Sn-115

MAT 5034

(n,n') d
Cross Section

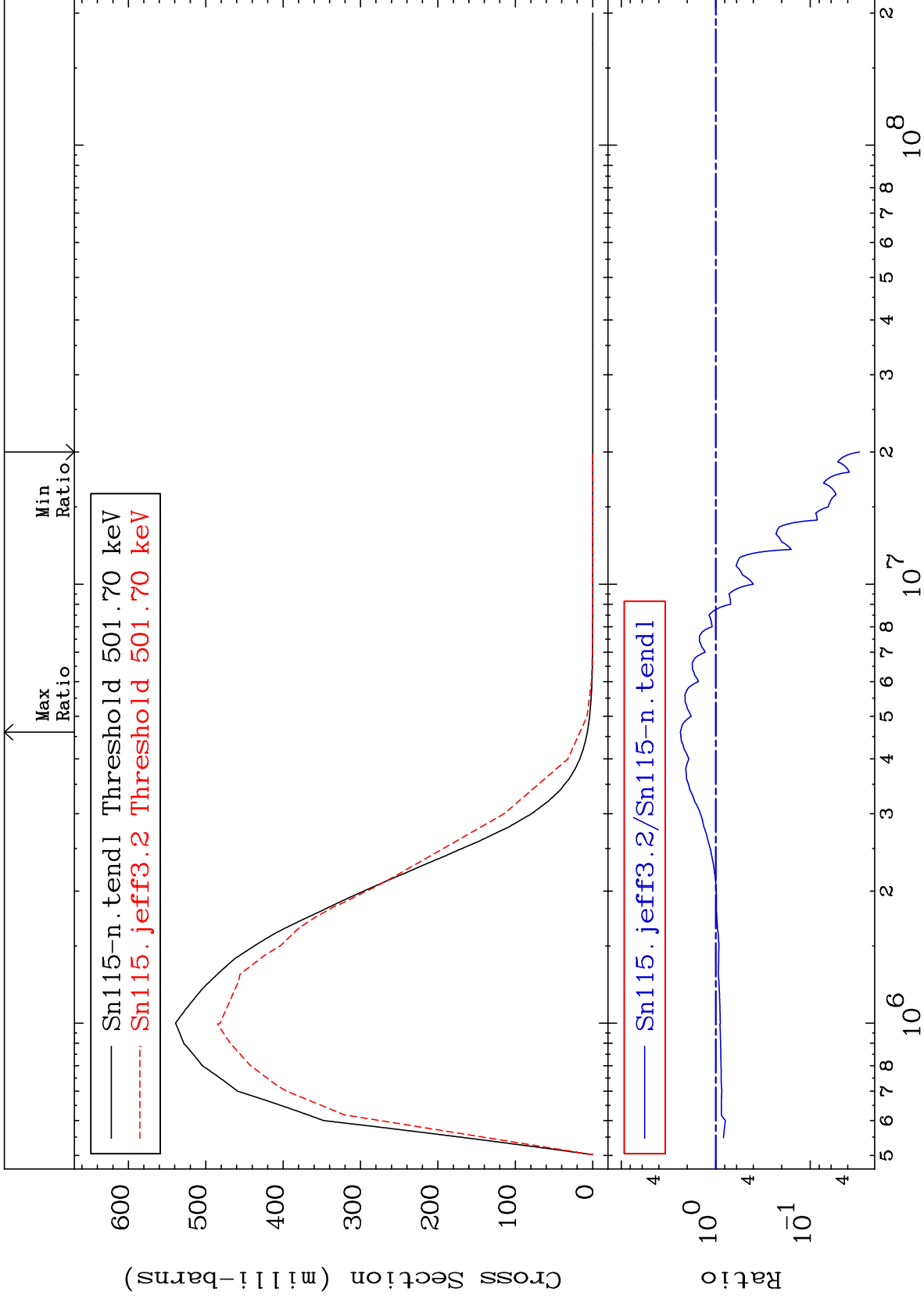
50-Sn-115
-100.0 To 677.5 %



MAT 5034

497.3 keV (n,n') Level
Cross Section

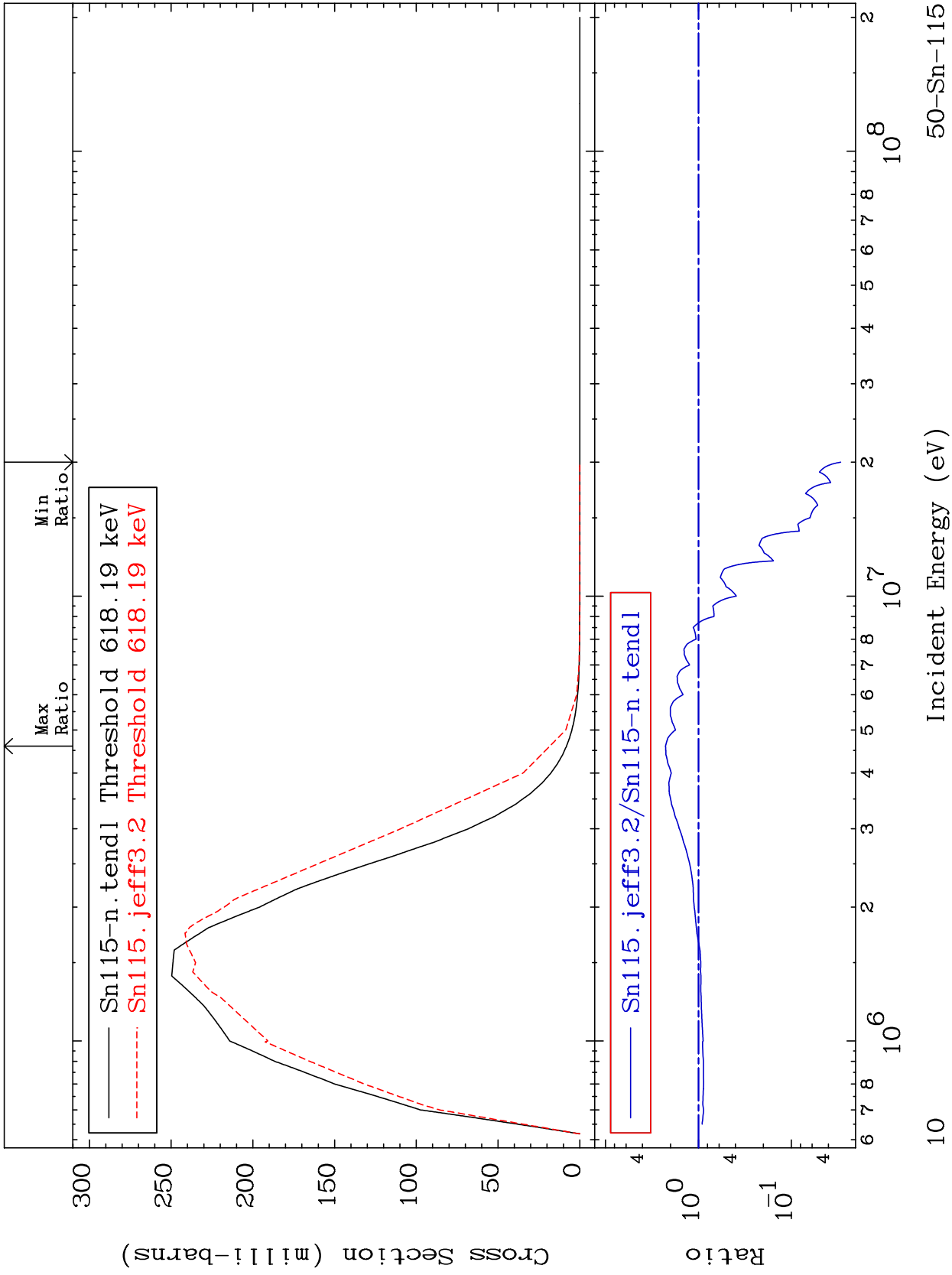
50-Sn-115
-96.99 To 136.5 %



MAT 5034

612.8 keV (n,n') Level
Cross Section

50-Sn-115
-97.05 To 126.1 %



10

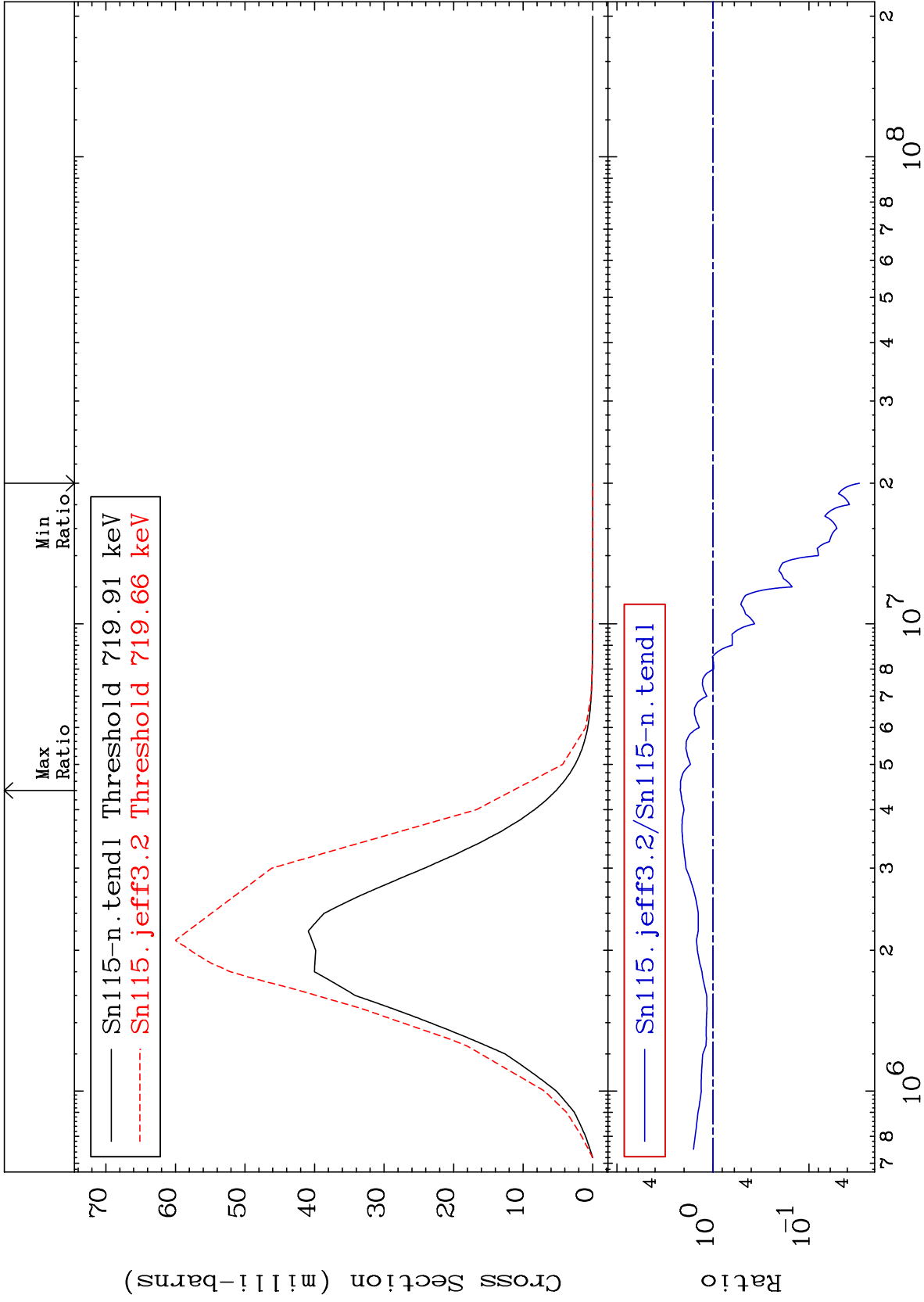
Incident Energy (eV)

50-Sn-115

MAT 5034

713.6 keV (n,n') Level
Cross Section

50-Sn-115
-97.01 To 118.4 %



11

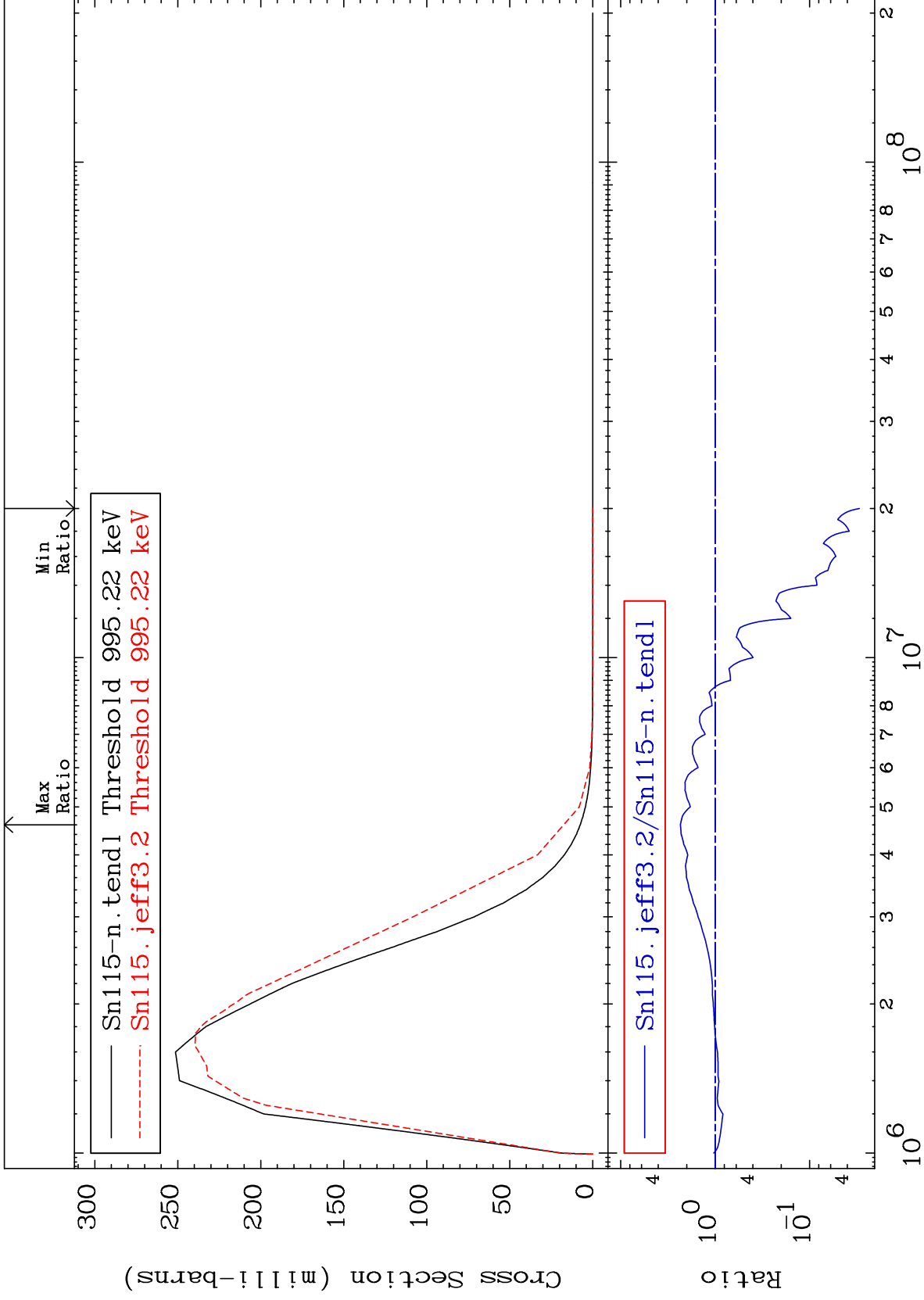
Incident Energy (eV)

50-Sn-115

MAT 5034

986.6 keV (n,n') Level
Cross Section

50-Sn-115
-97.02 To 133.5 %



12

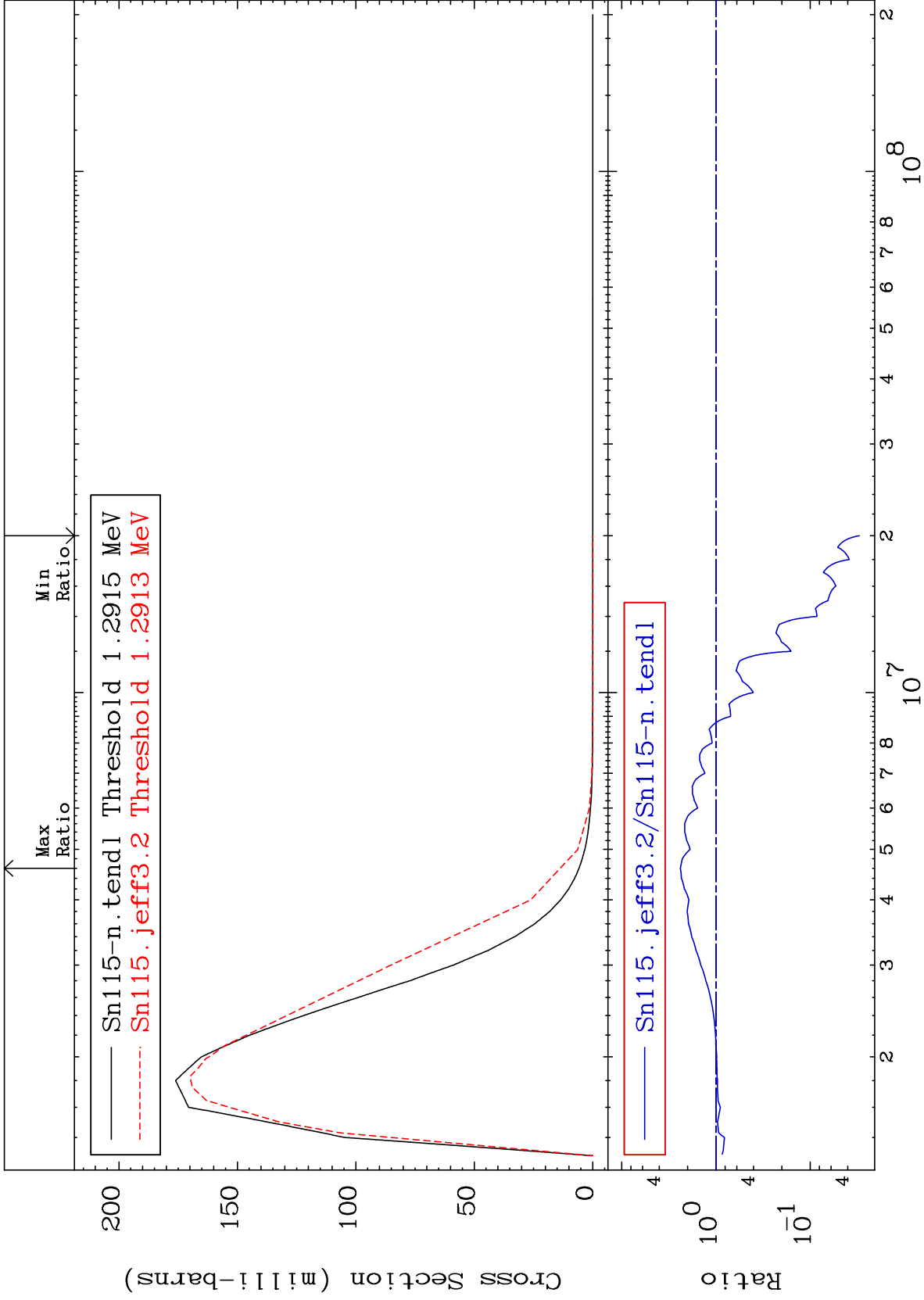
Incident Energy (eV)

50-Sn-115

MAT 5034

1.280 MeV (n,n') Level
Cross Section

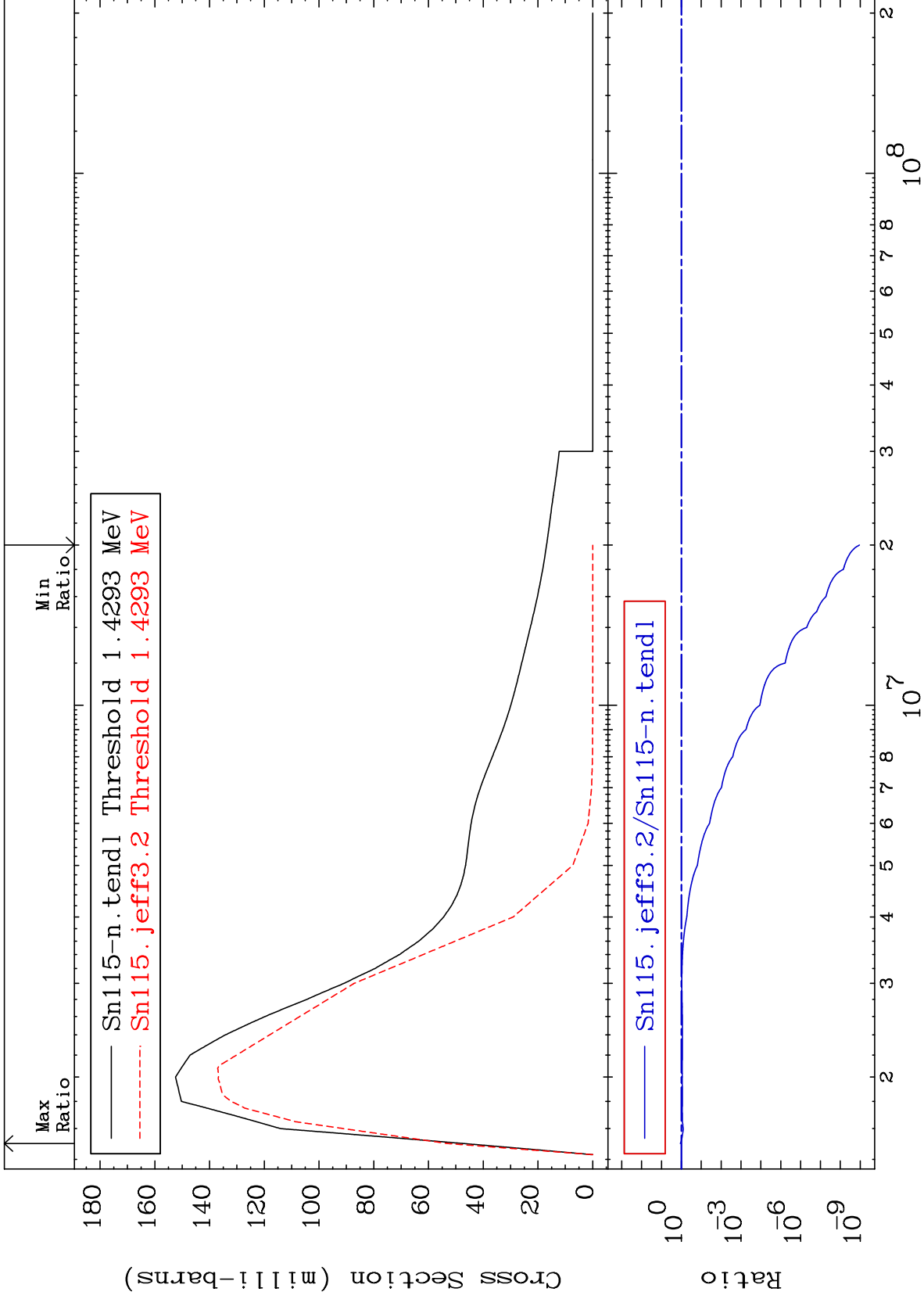
50-Sn-115
-96.99 To 138.6 %



MAT 5034

1.417 MeV (n,n') Level
Cross Section

50-Sn-115
-100.0 To 12.29 %



14

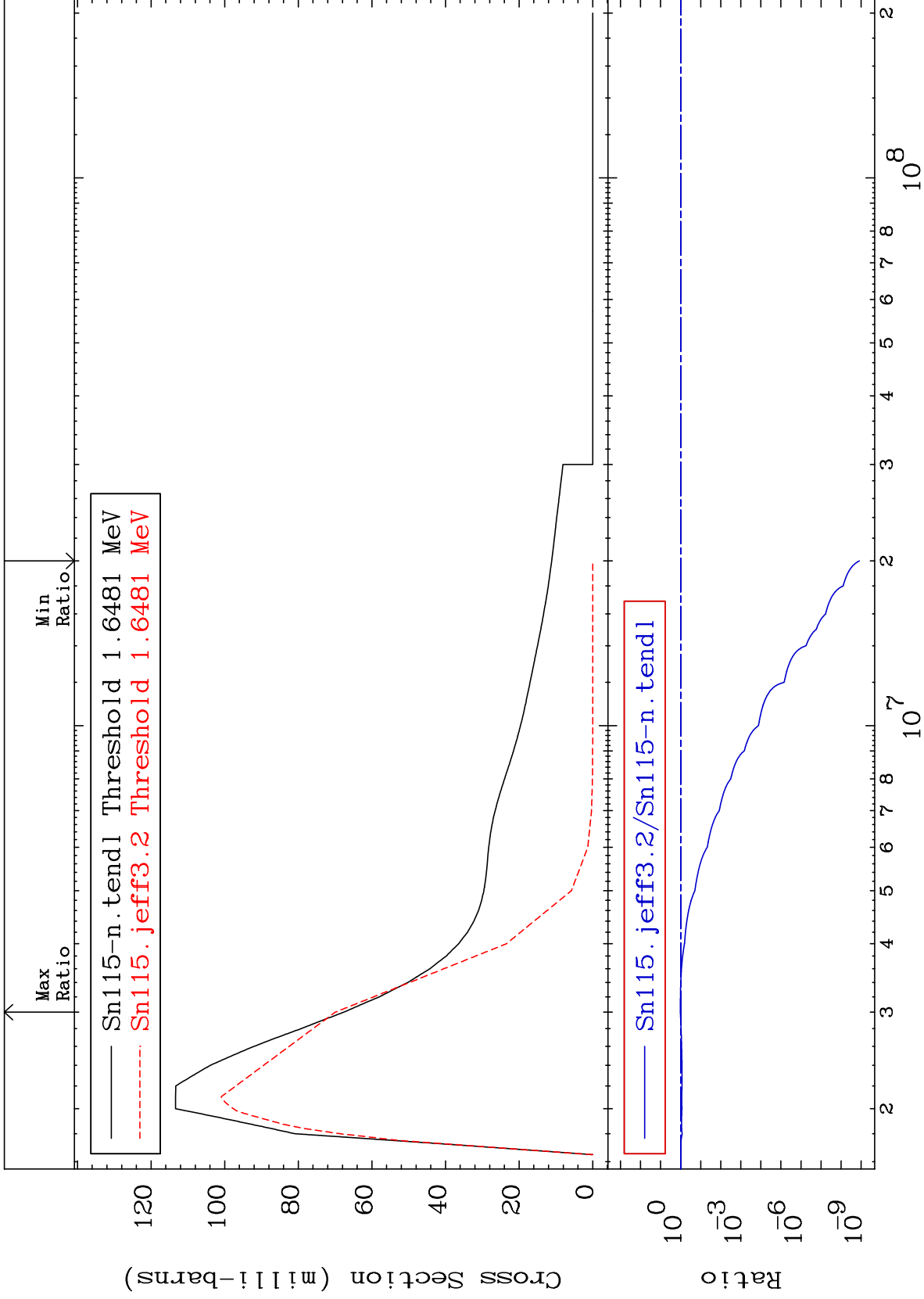
Incident Energy (eV)

50-Sn-115

MAT 5034

1.634 MeV (n,n') Level
Cross Section

50-Sn-115
-100.0 To 3.465 %



15

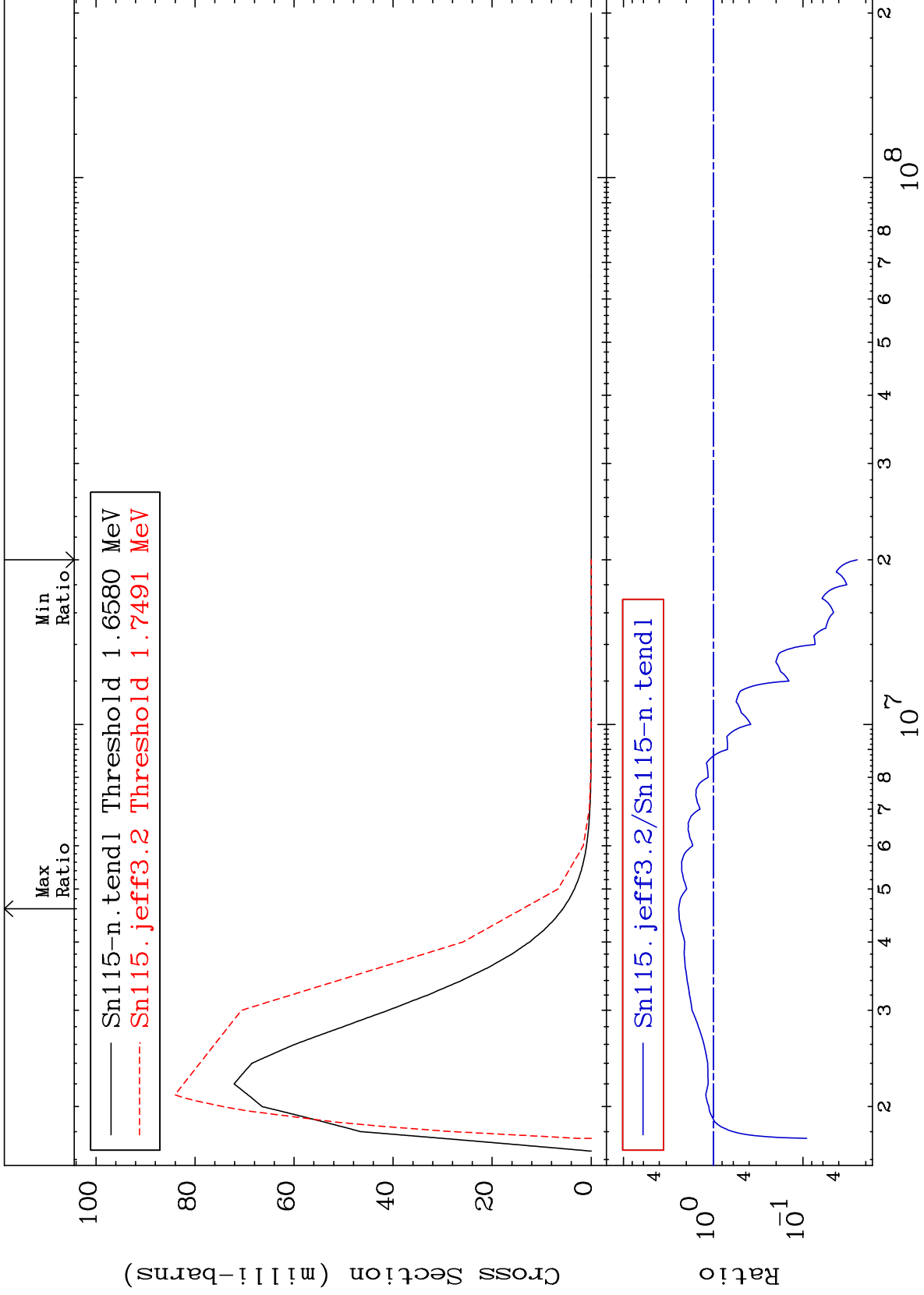
Incident Energy (eV)

50-Sn-115

MAT 5034

1.644 MeV (n,n') Level
Cross Section

50-Sn-115
-97.51 To 143.0 %



16

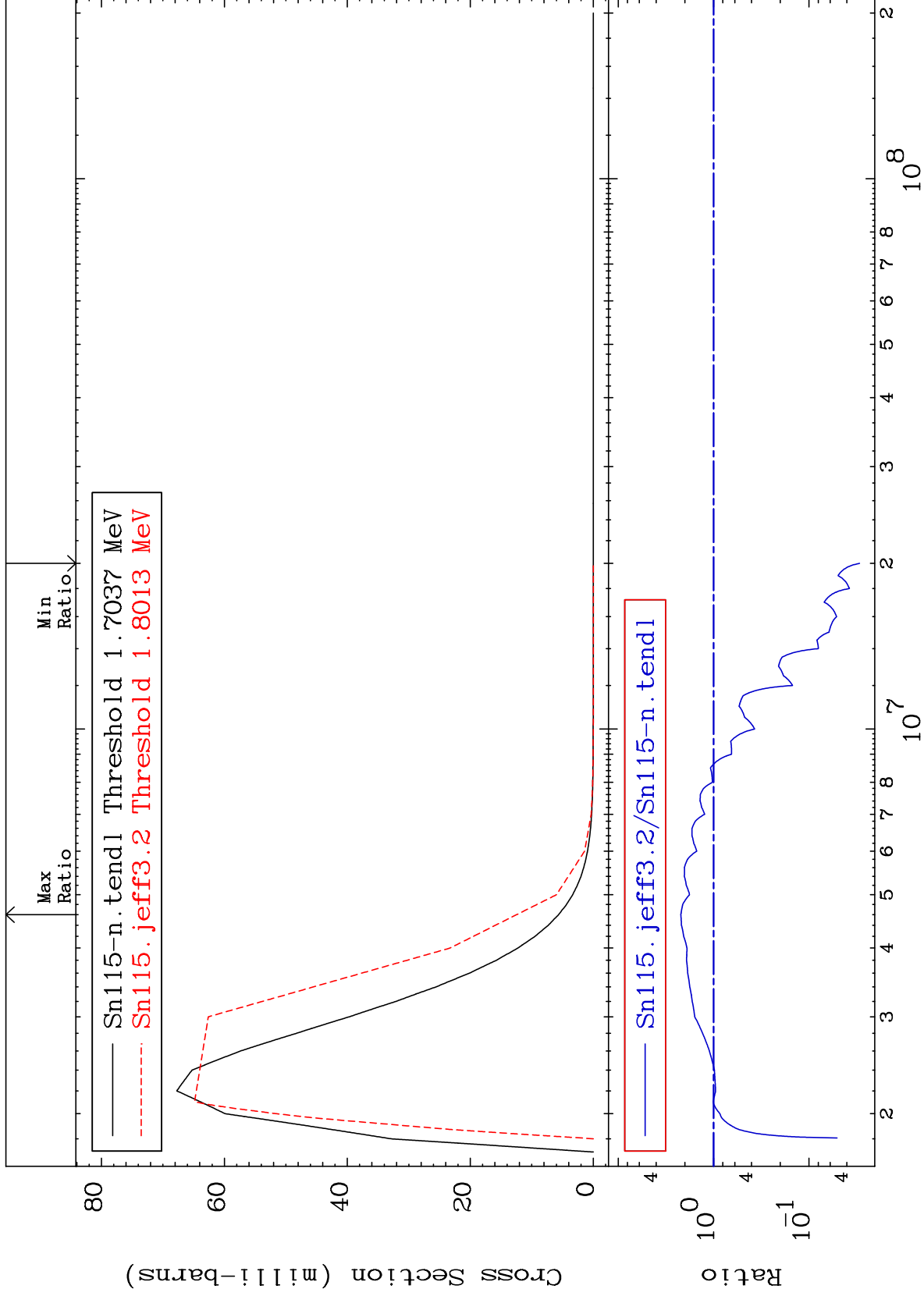
Incident Energy (eV)

50-Sn-115

MAT 5034

1.689 MeV (n,n') Level
Cross Section

50-Sn-115
-97.05 To 121.0 %



17

Incident Energy (eV)

50-Sn-115

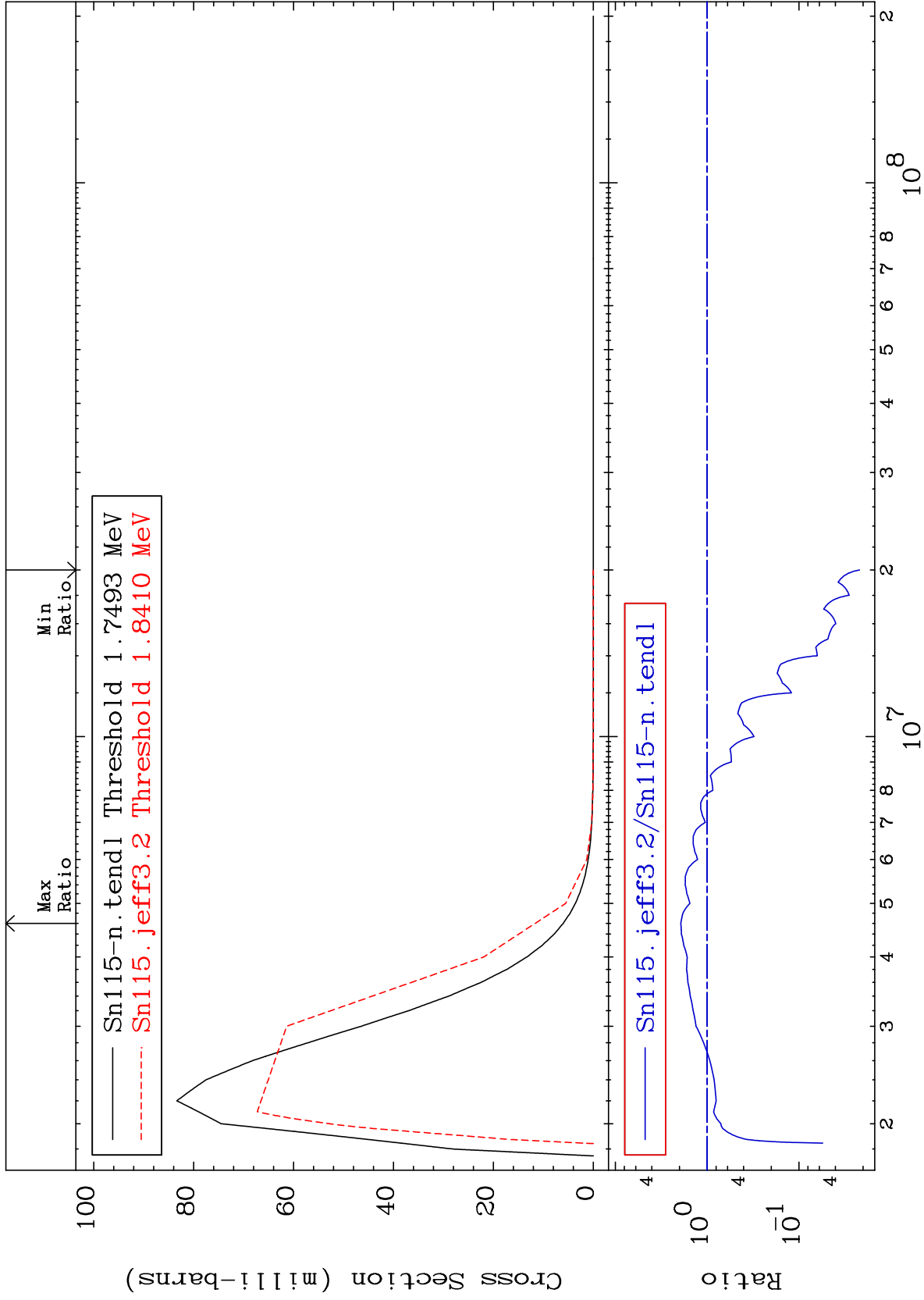
MAT 5034

1.734 MeV (n,n') Level

50-Sn-115

-97.81 To 93.83 %

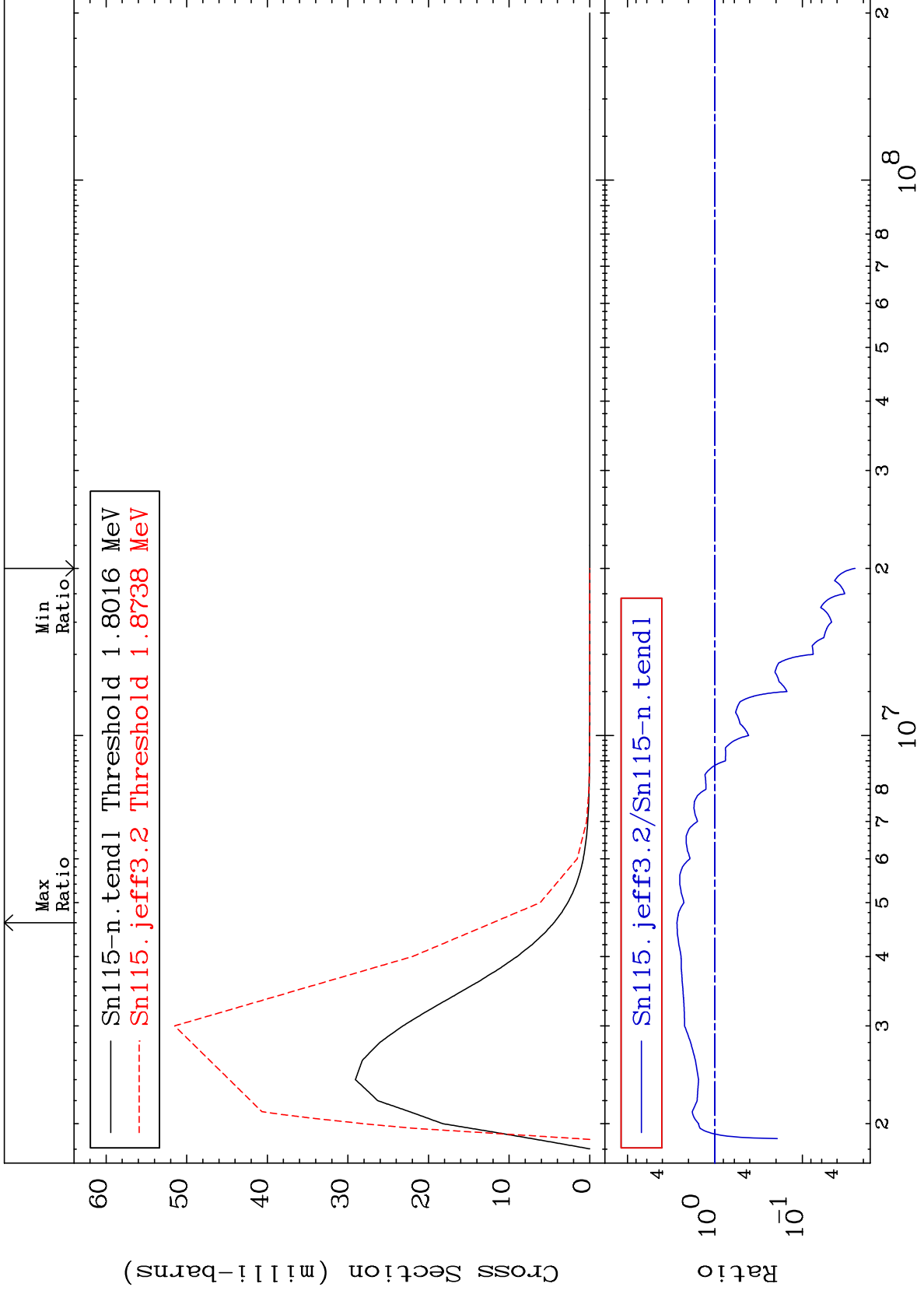
Cross Section



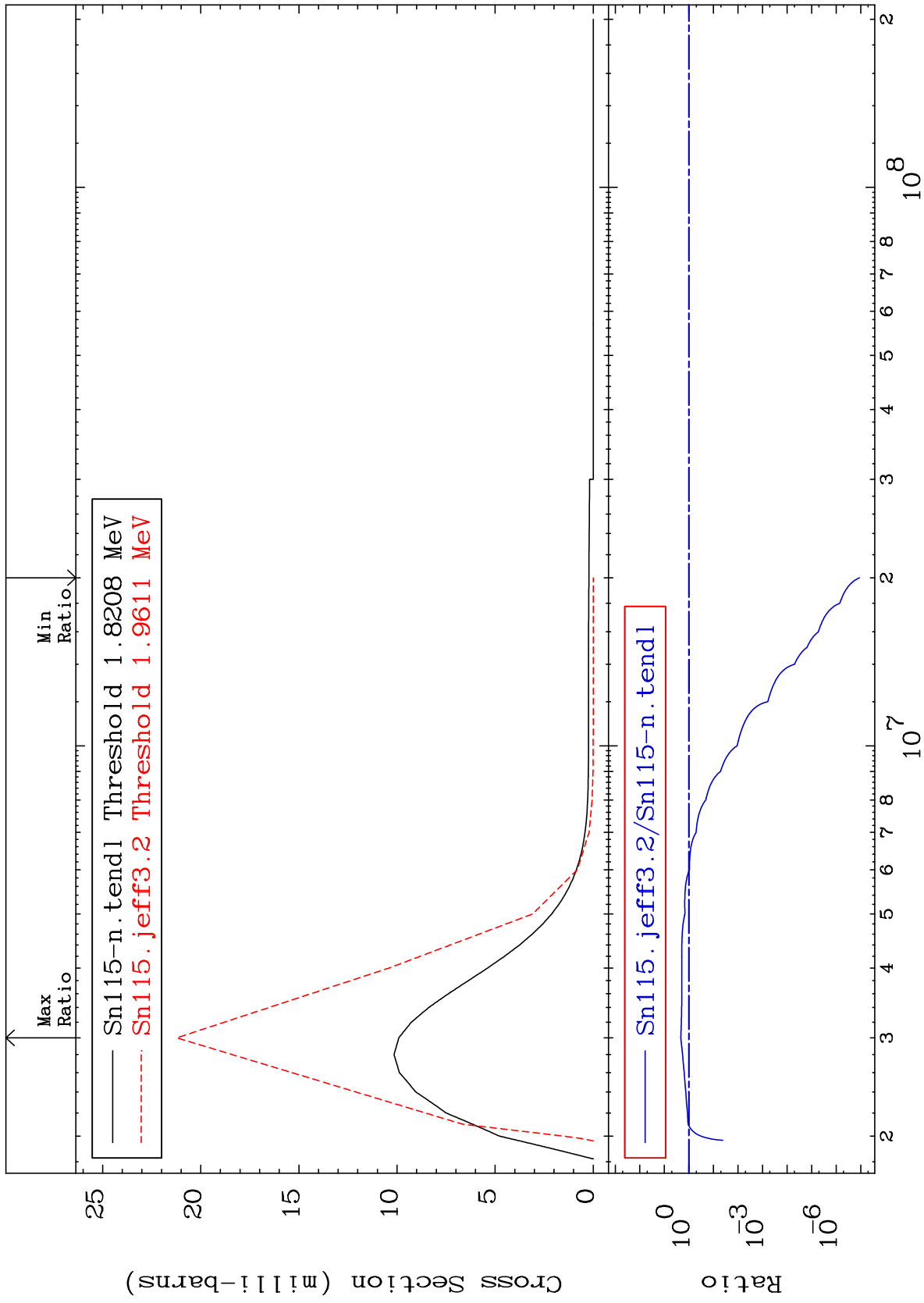
MAT 5034

1.786 MeV (n,n') Level
Cross Section

50-Sn-115
-97.51 To 171.9 %



MAT 5034 1.805 MeV (n,n') Level 50-Sn-115
 Cross Section -100.0 To 114.2 %

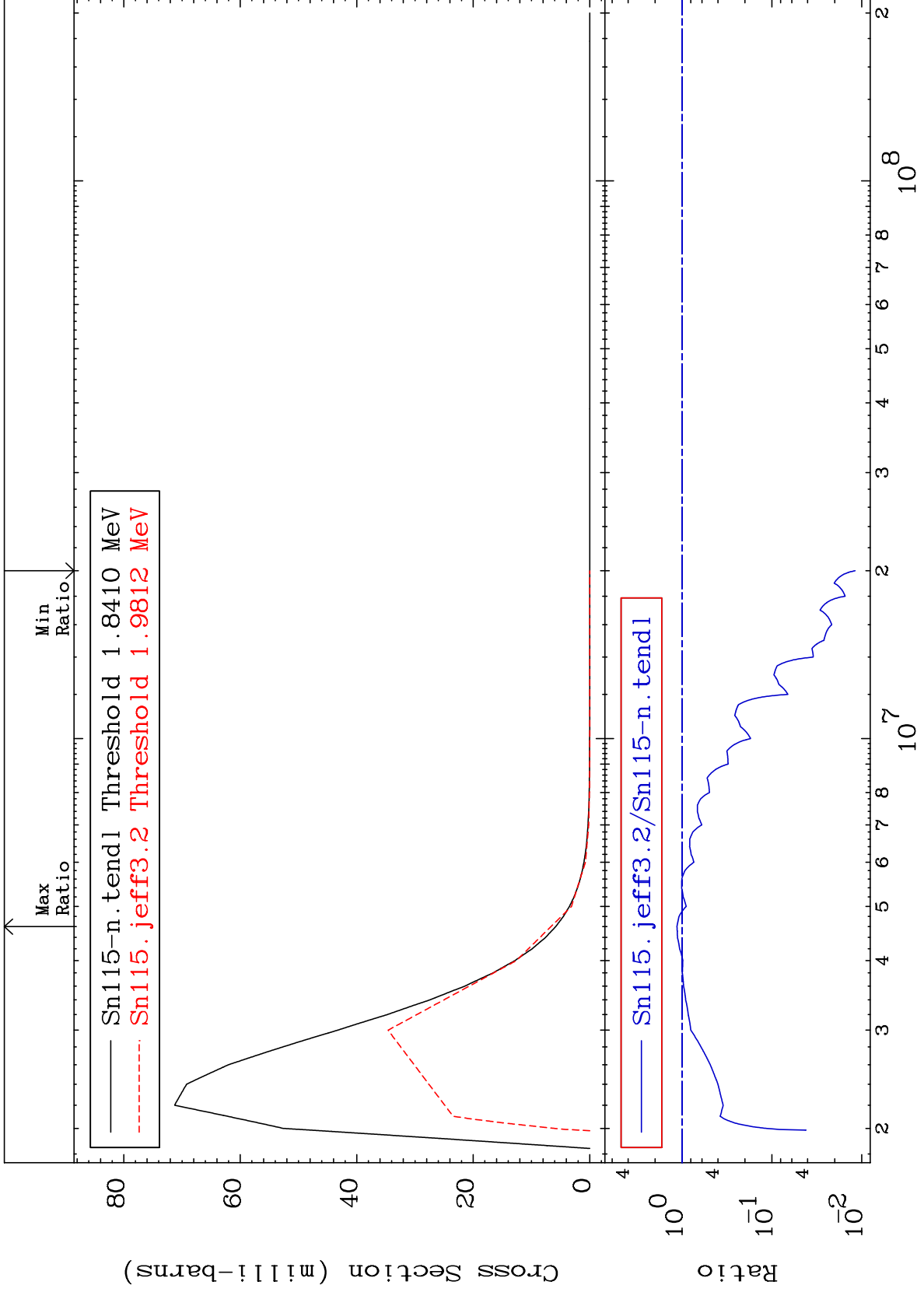


20 50-Sn-115

MAT 5034

1.825 MeV (n,n') Level
Cross Section

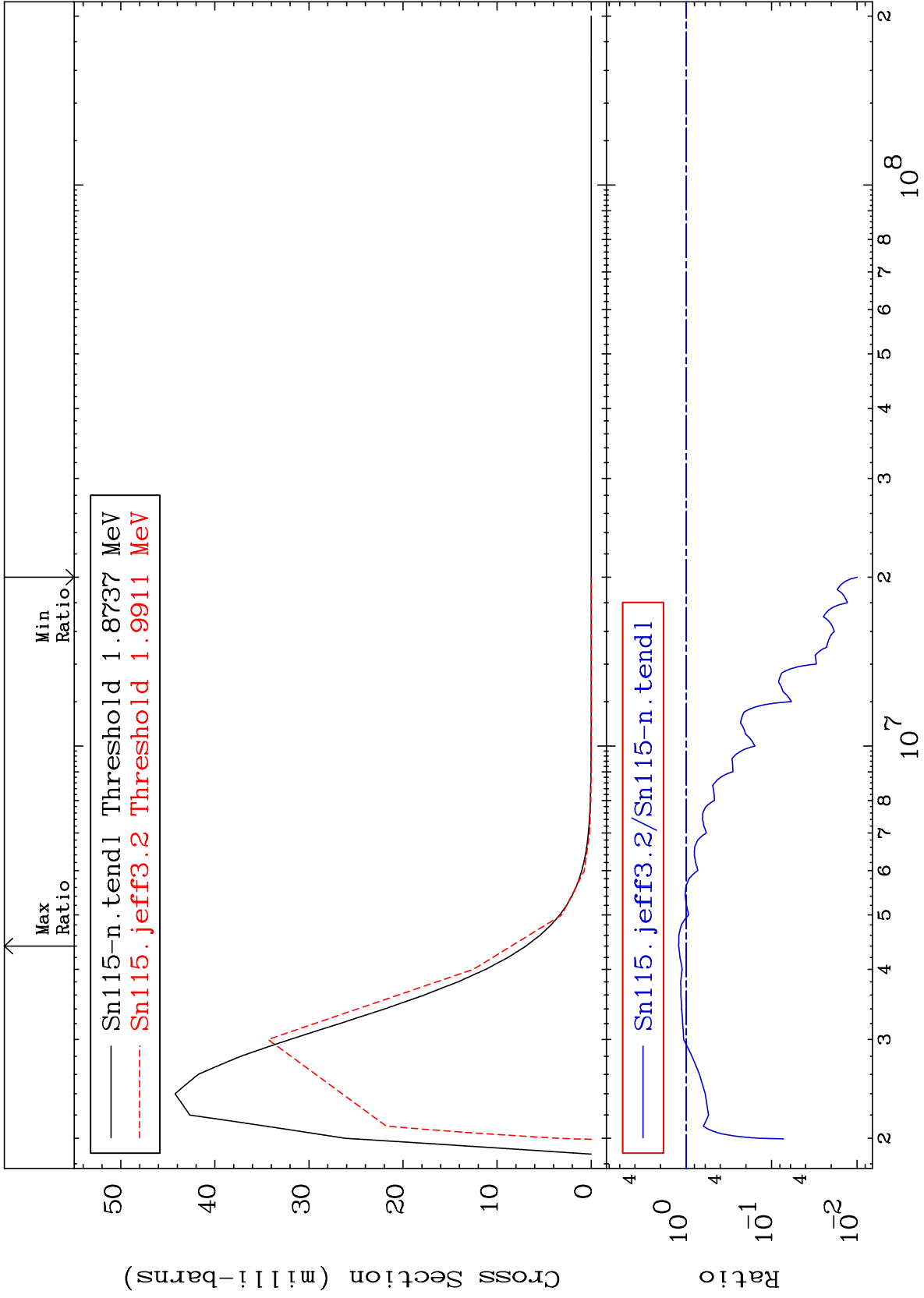
50-Sn-115
-98.81 To 14.21 %



MAT 5034

1.857 MeV (n,n') Level
Cross Section

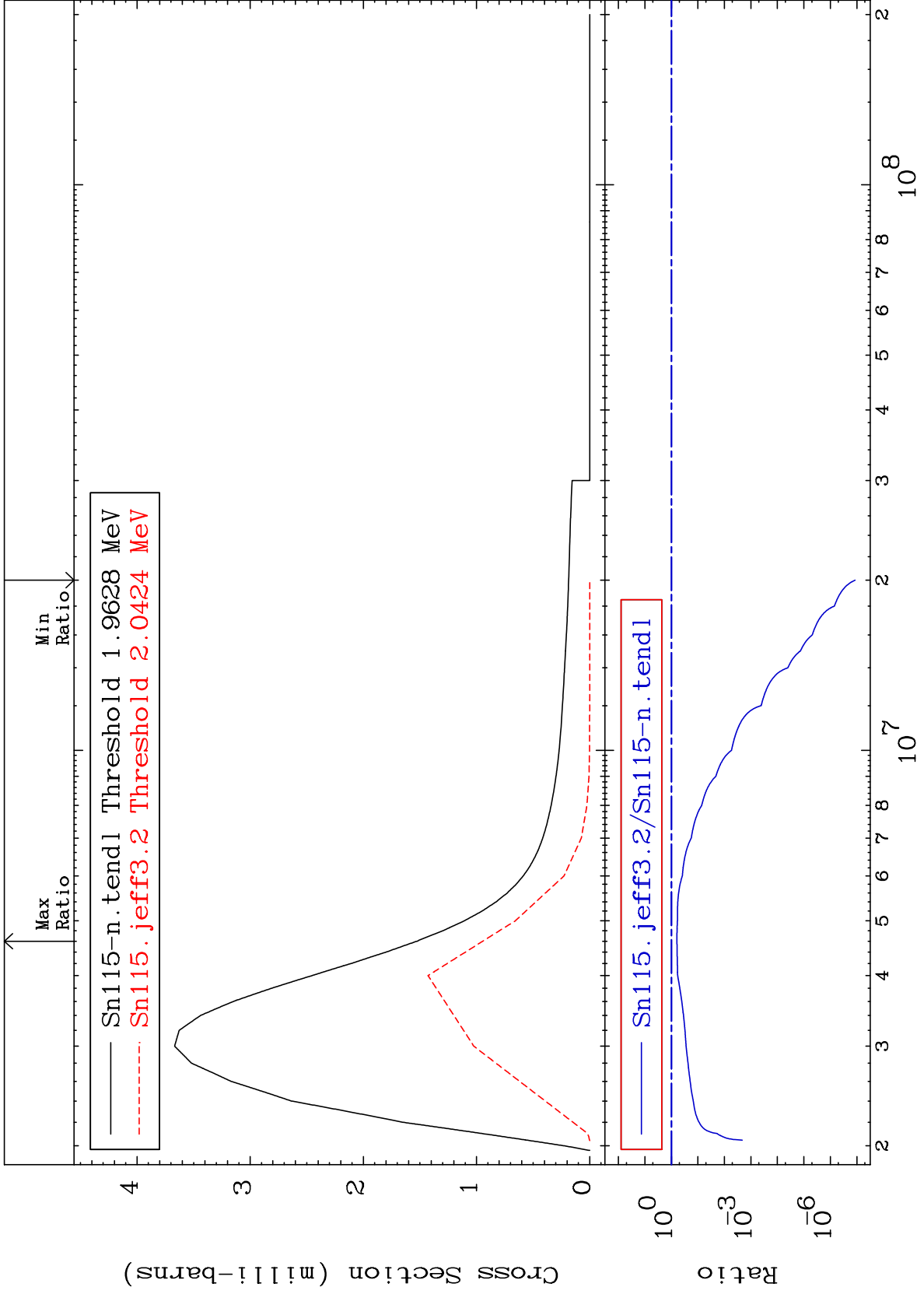
50-Sn-115
-99.01 To 22.71 %



MAT 5034

1.946 MeV (n,n') Level
Cross Section

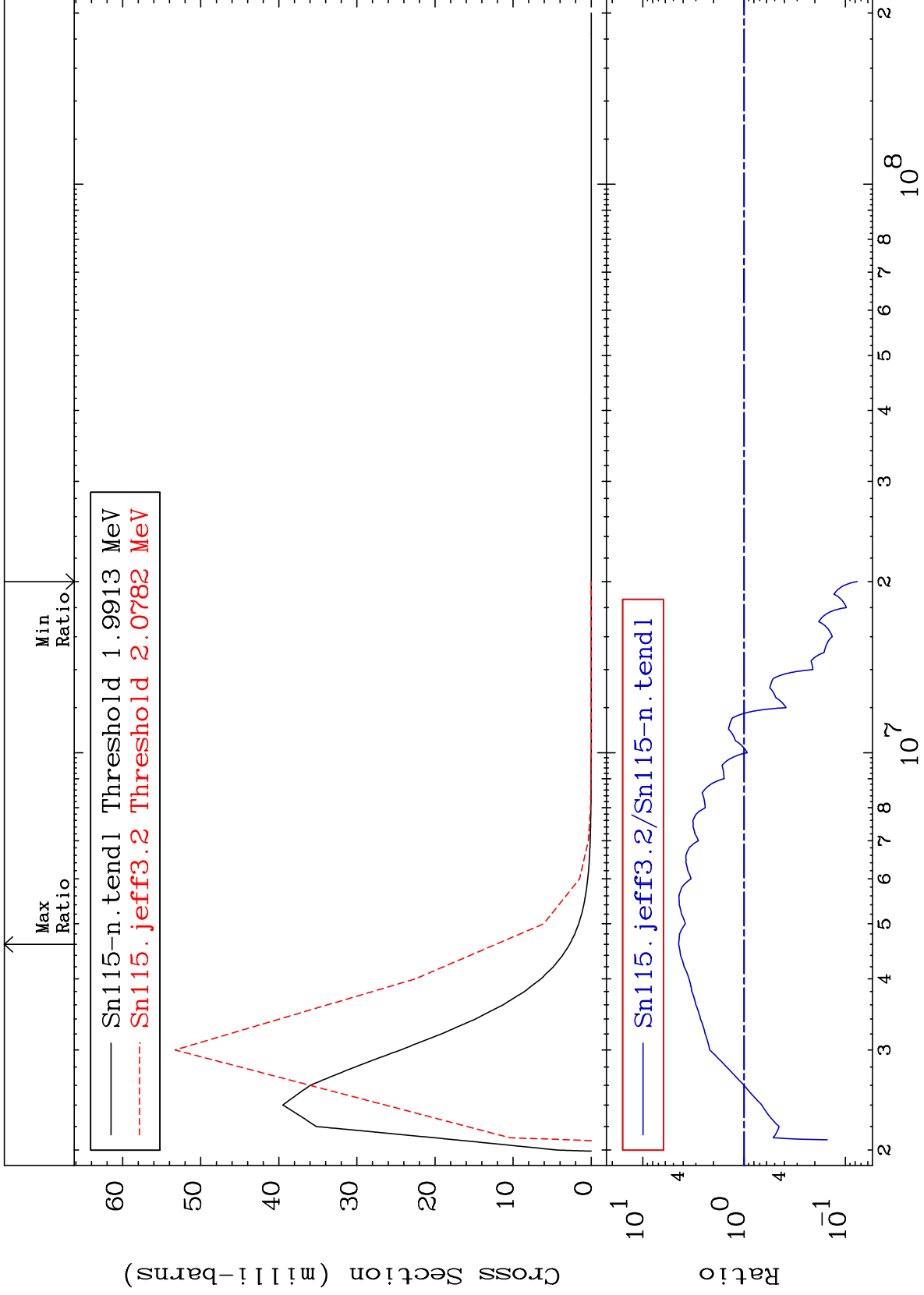
50-Sn-115
-100.0 To -38.11%



MAT 5034

1.974 MeV (n,n') Level
Cross Section

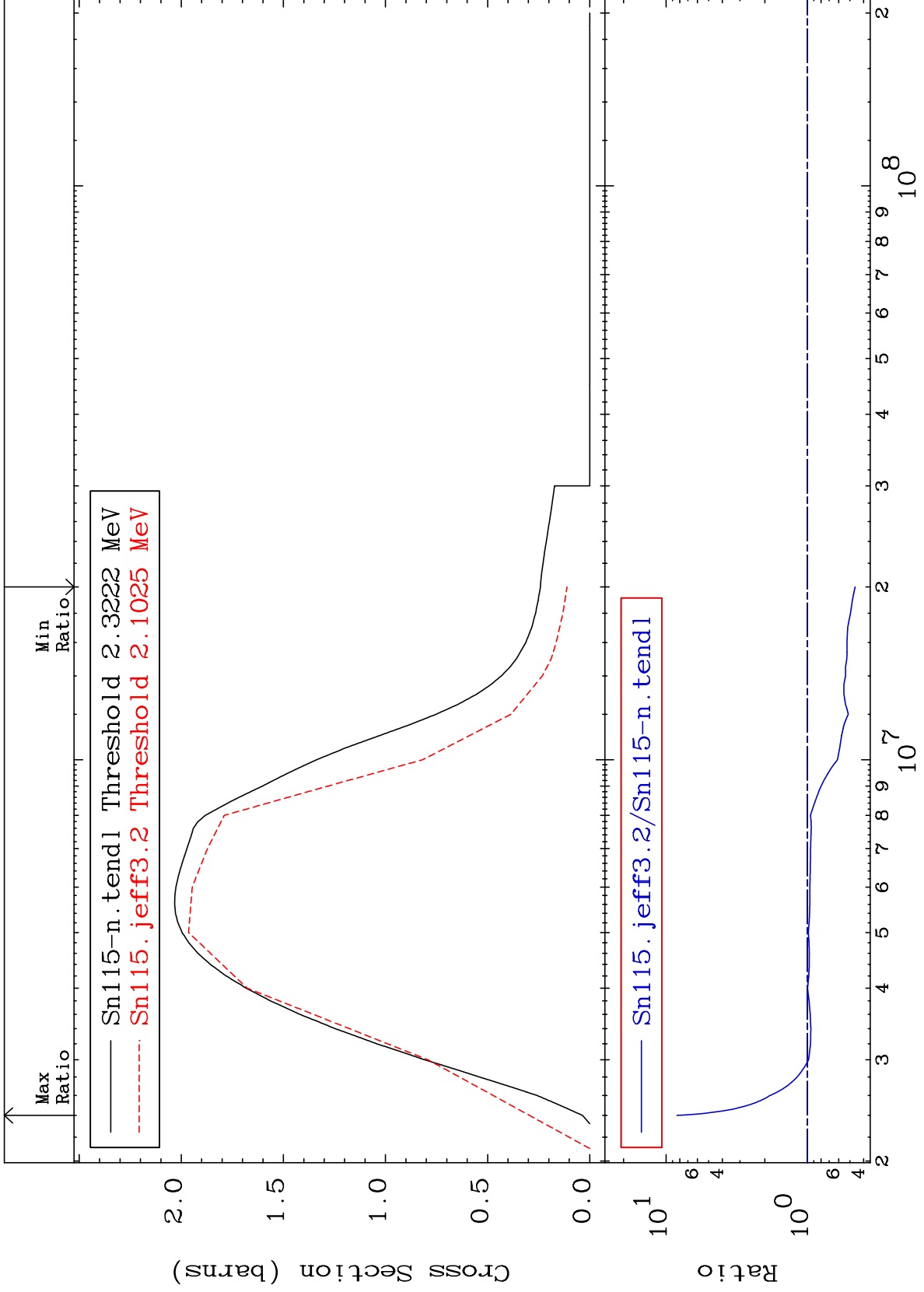
50-Sn-115
-92.36 To 342.9 %



MAT 5034

(n, n') Continuum
Cross Section

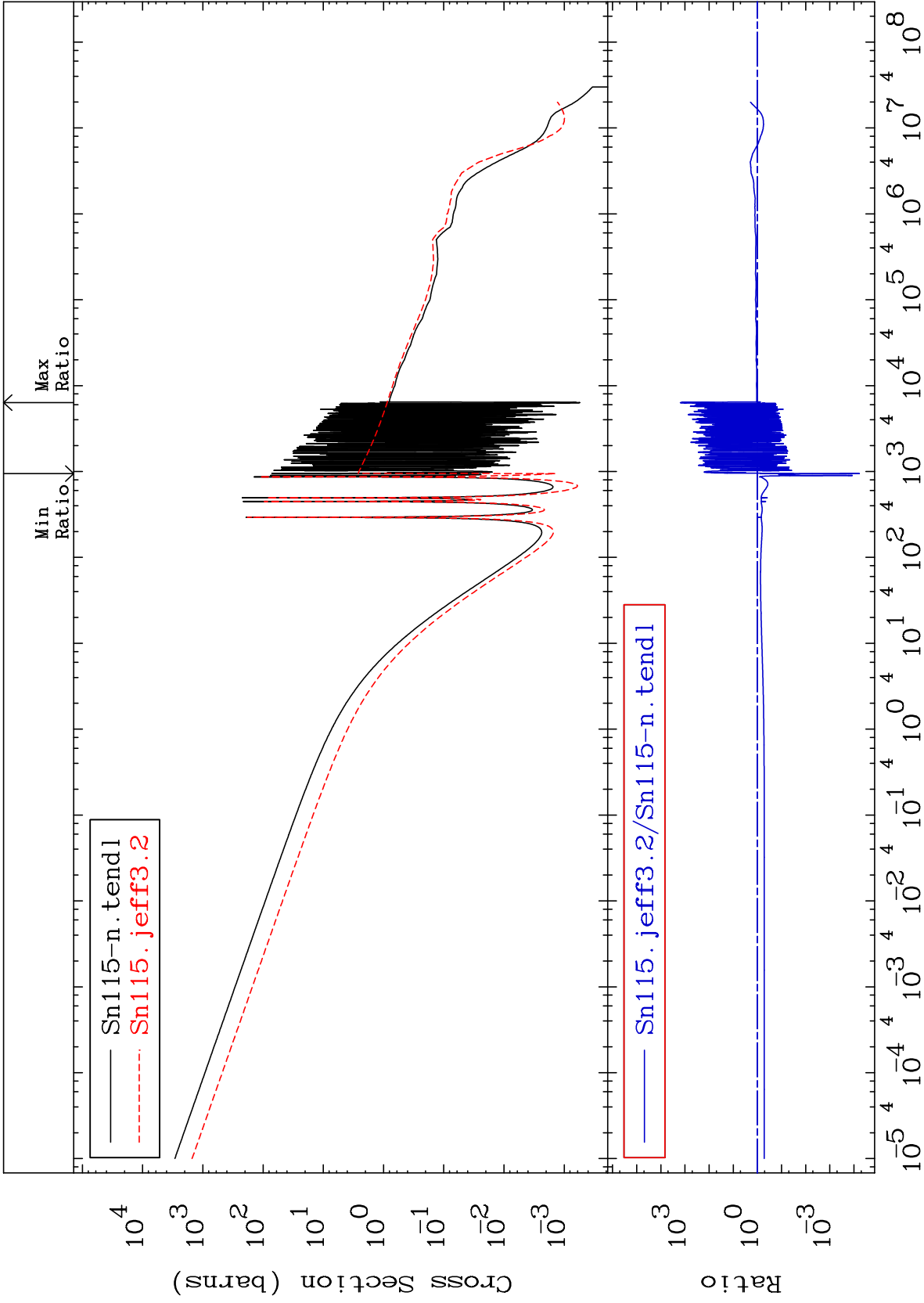
50-Sn-115
-54.06 To 737.7 %



MAT 5034

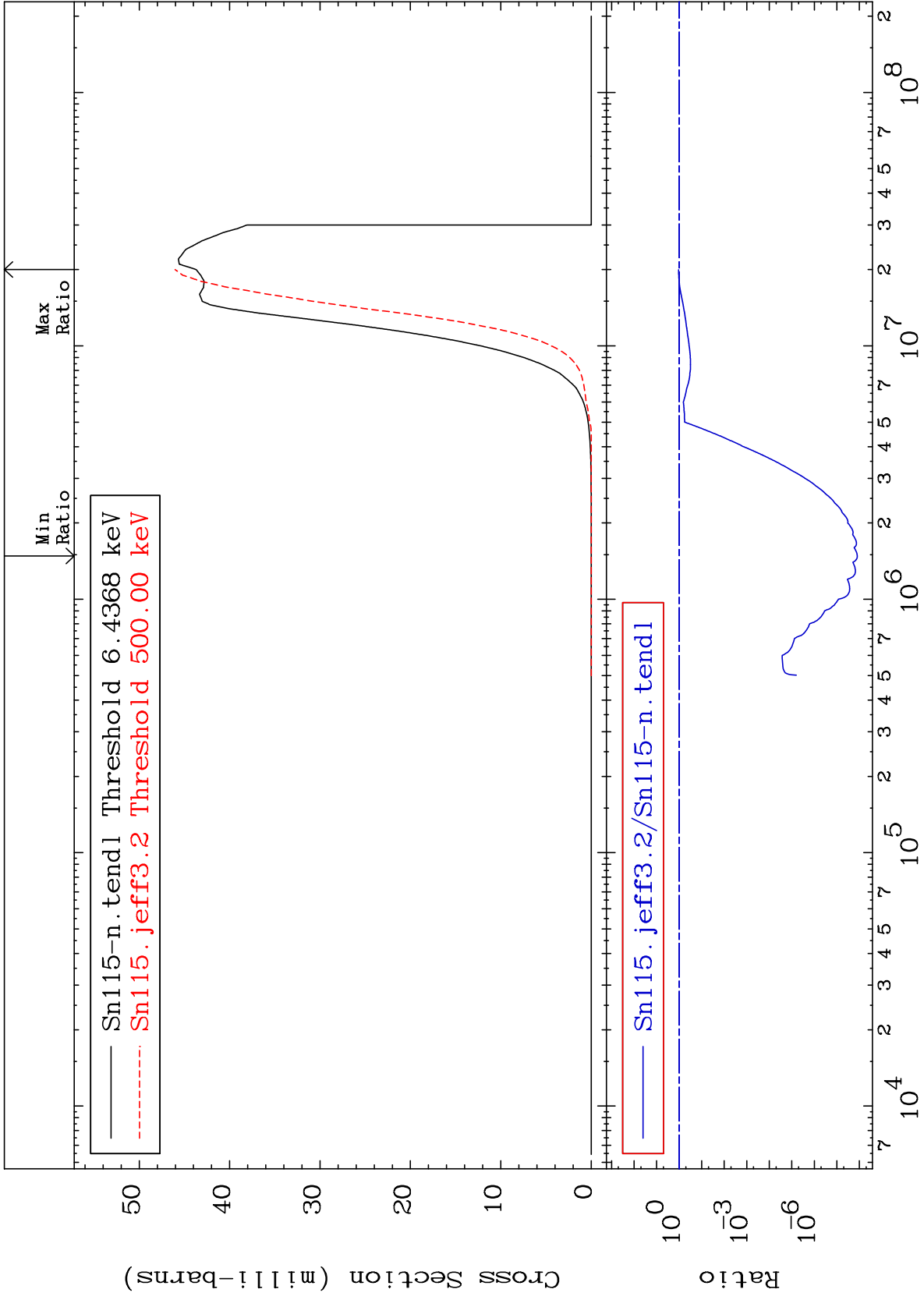
(n, γ)
Cross Section

50-Sn-115
-99.99 To 9999. %



MAT 5034

(n, p)
Cross Section
50-Sn-115
-100.0 To 5.358 %



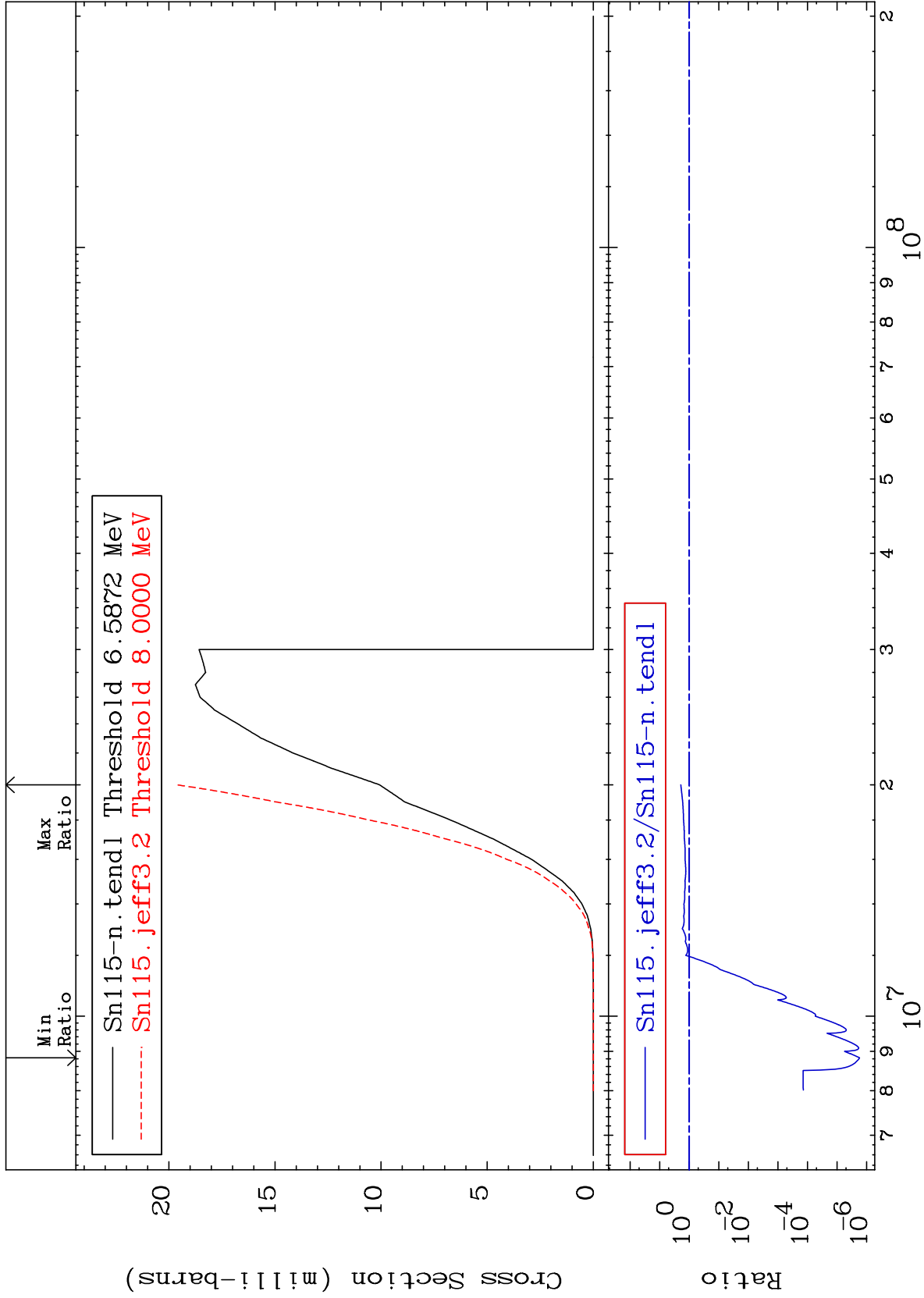
MAT 5034

(n, d)

50-Sn-115

Cross Section

-100.0 To 94.92 %



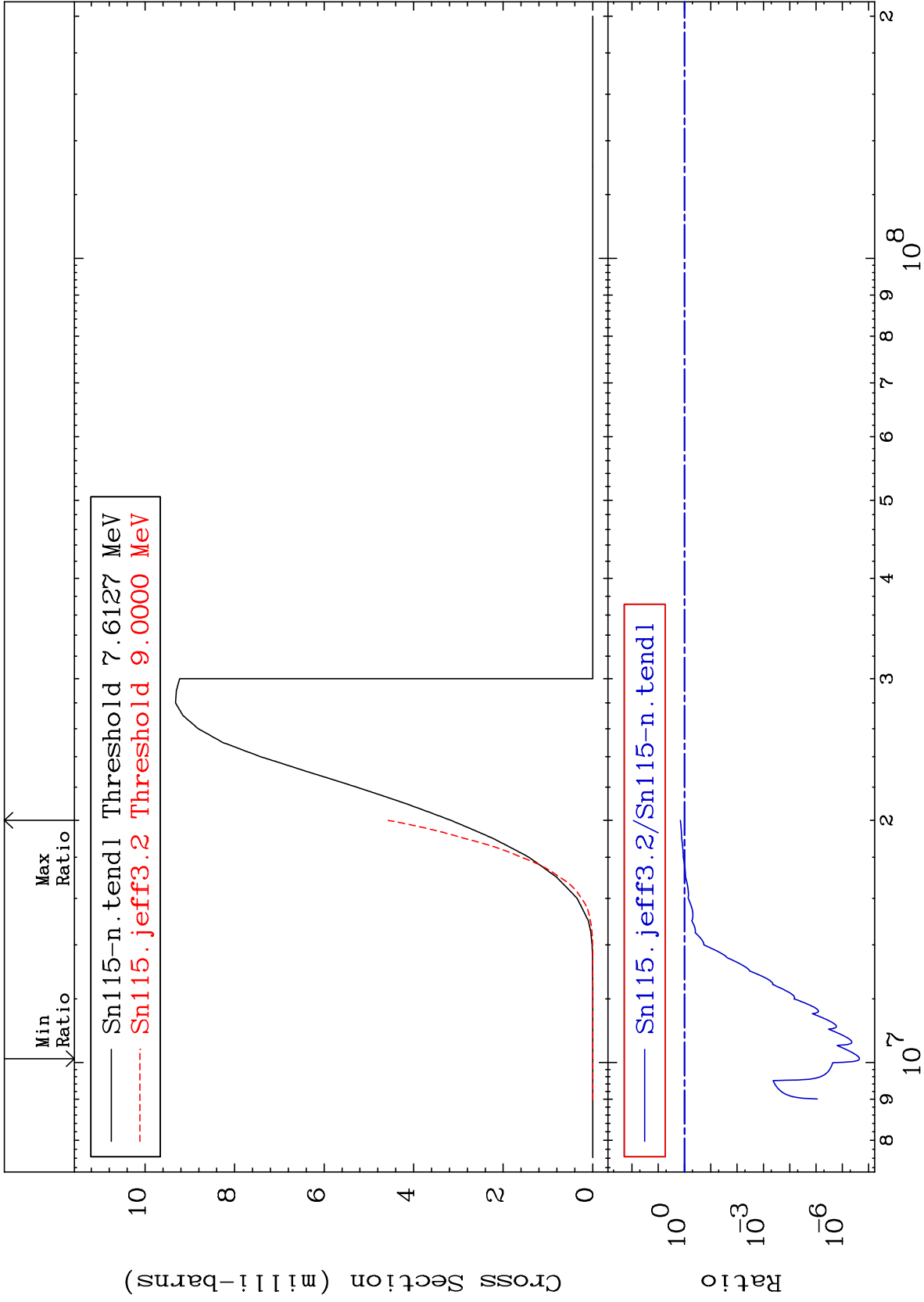
MAT 5034

(n, t)

50-Sn-115

Cross Section

-100.0 To 44.29 %



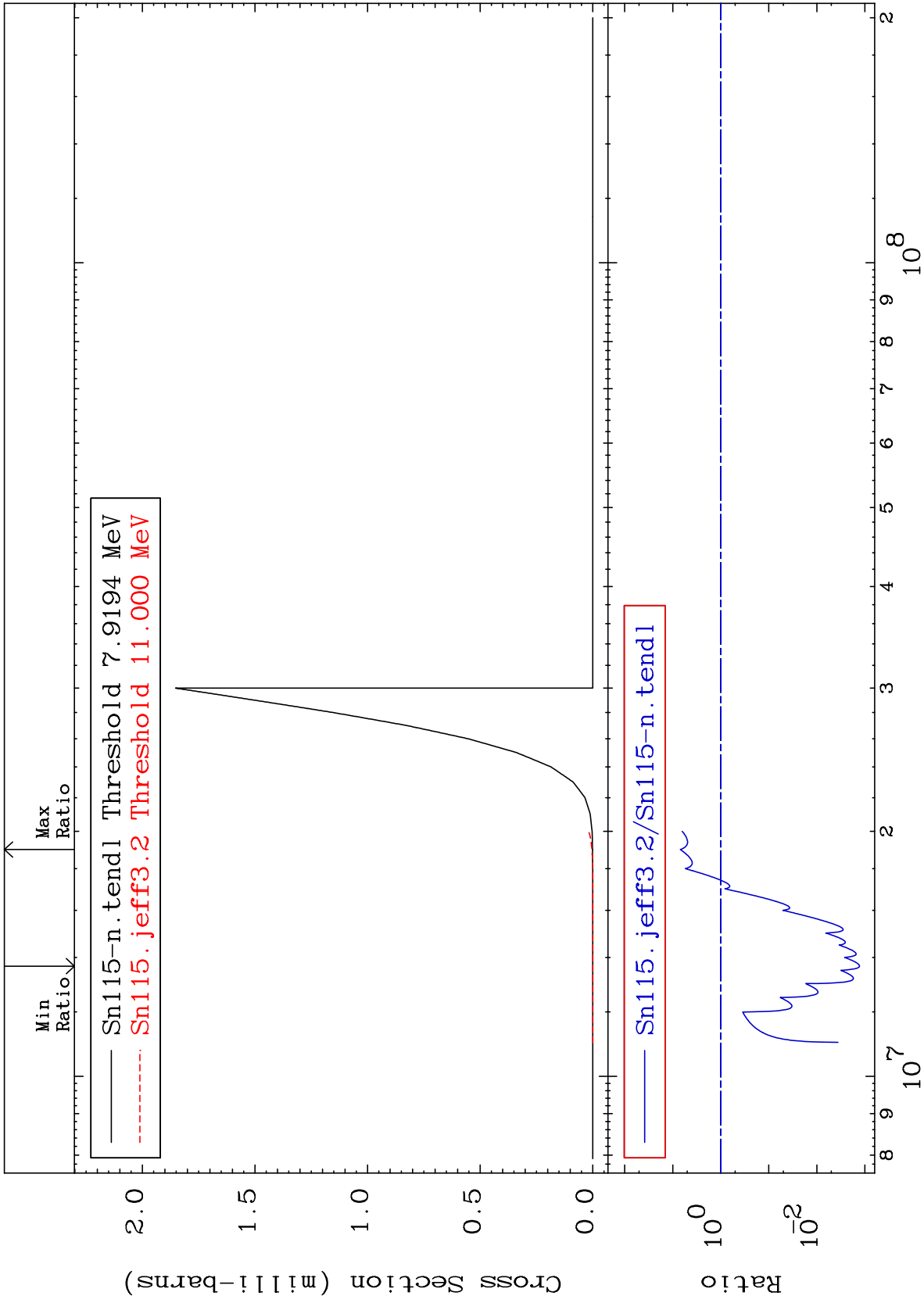
MAT 5034

(n, He-3)

50-Sn-115

Cross Section

-99.87 To 593.1 %



30

50-Sn-115

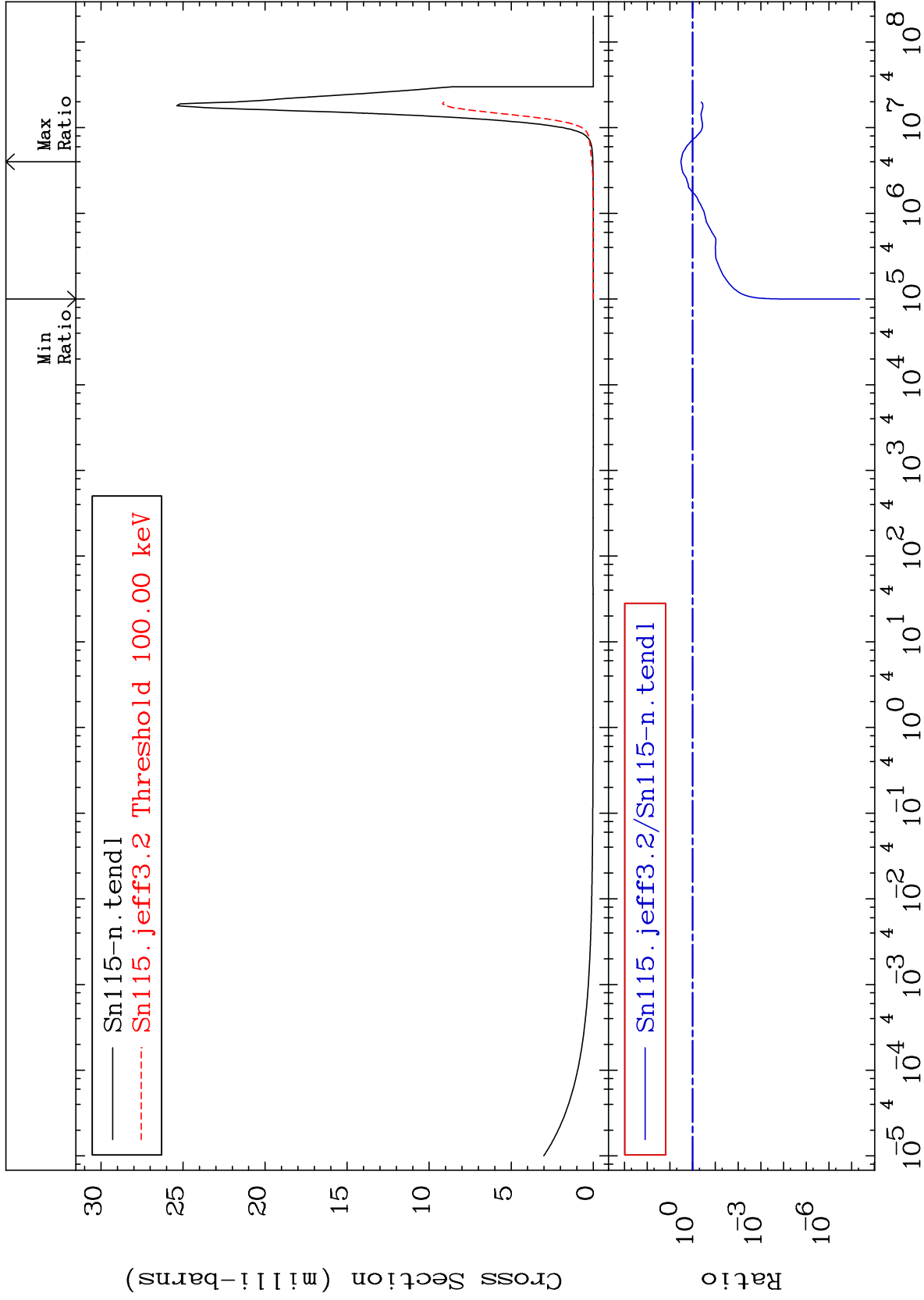
MAT 5034

(n, α)

50-Sn-115

Cross Section

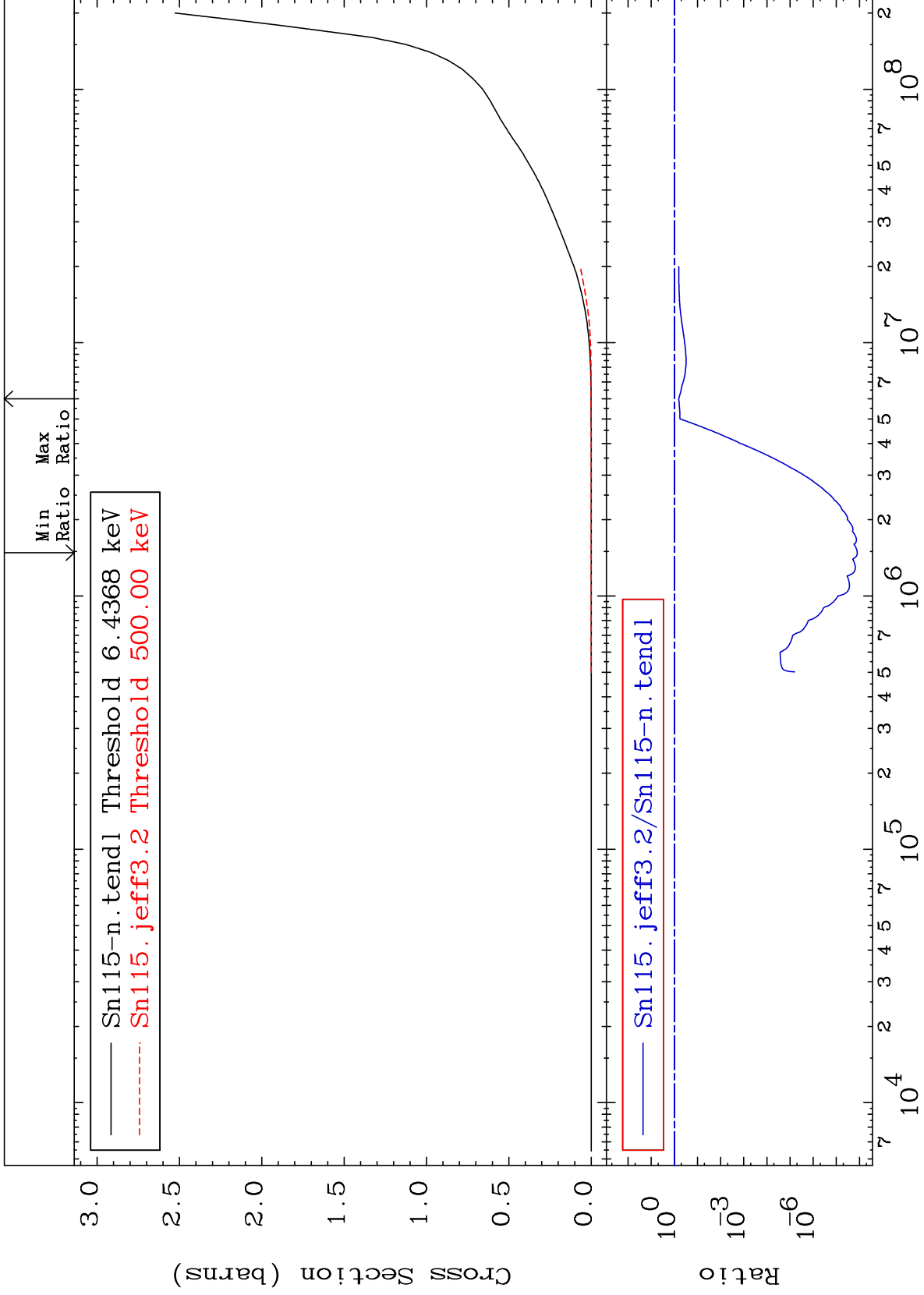
-100.0 To 233.0 %



MAT 5034

Hydrogen Production
Cross Section

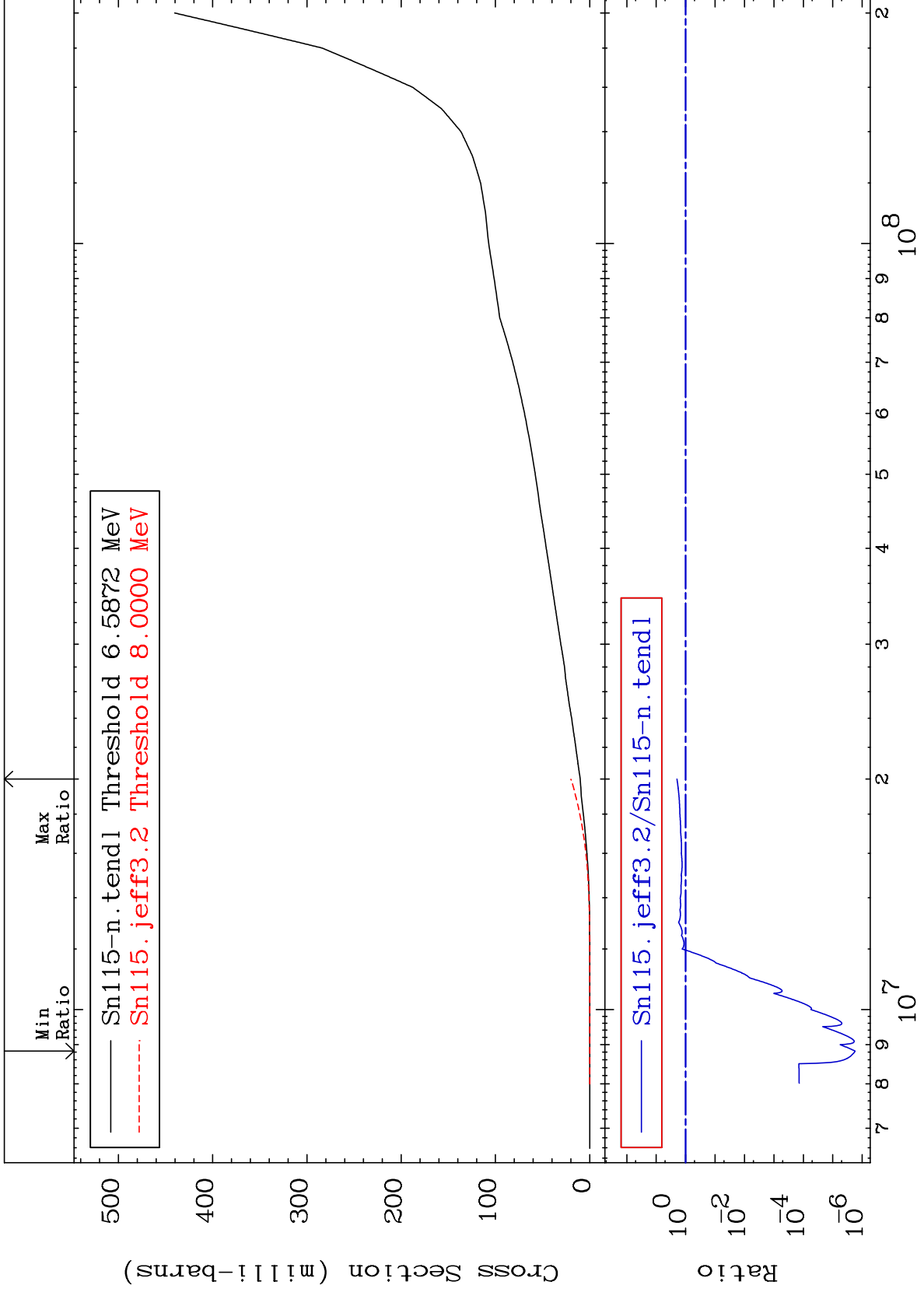
50-Sn-115
-100.0 To -34.72%



MAT 5034

Deuterium Production
Cross Section

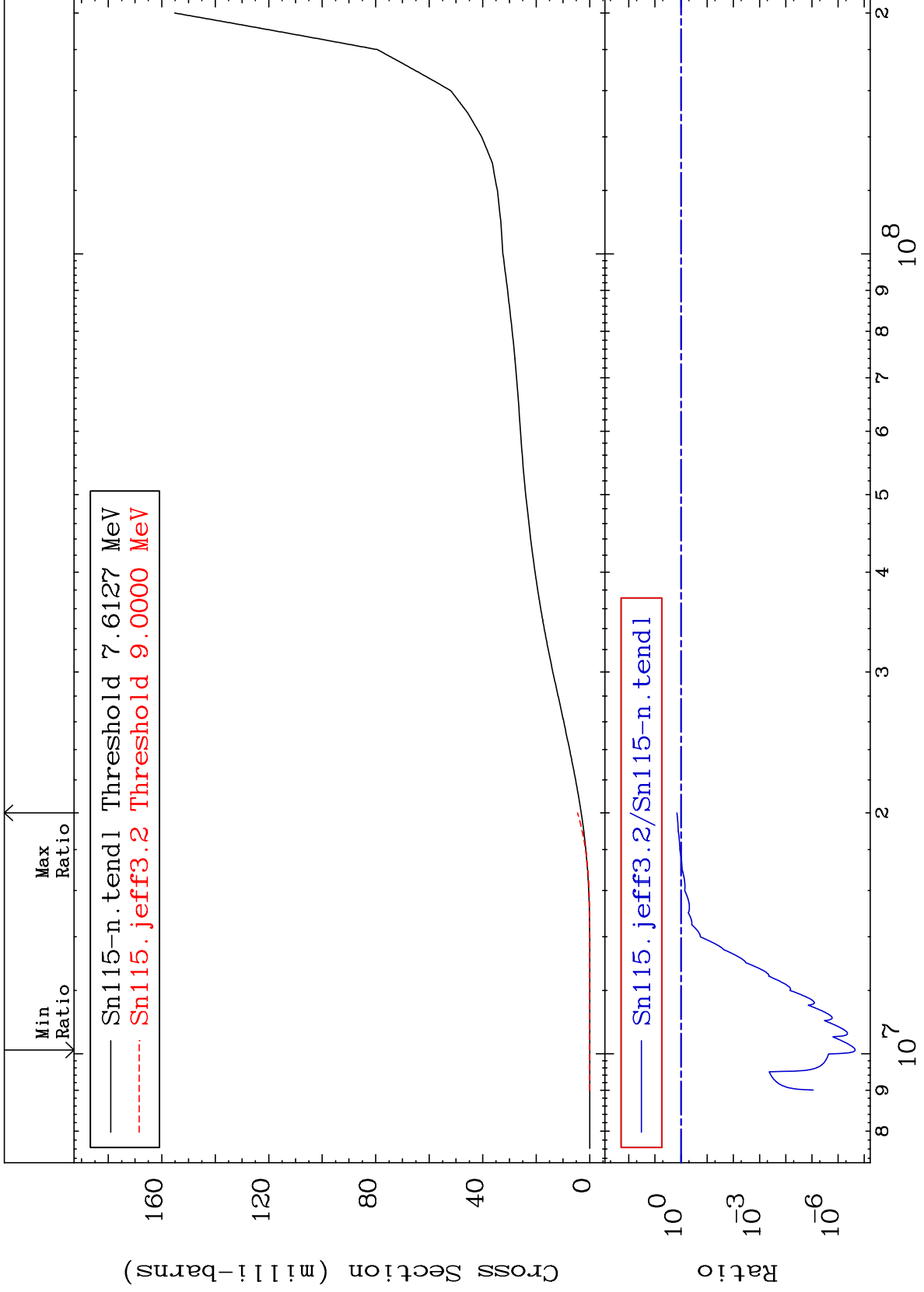
50-Sn-115
-100.0 To 97.76 %



MAT 5034

Tritium Production
Cross Section

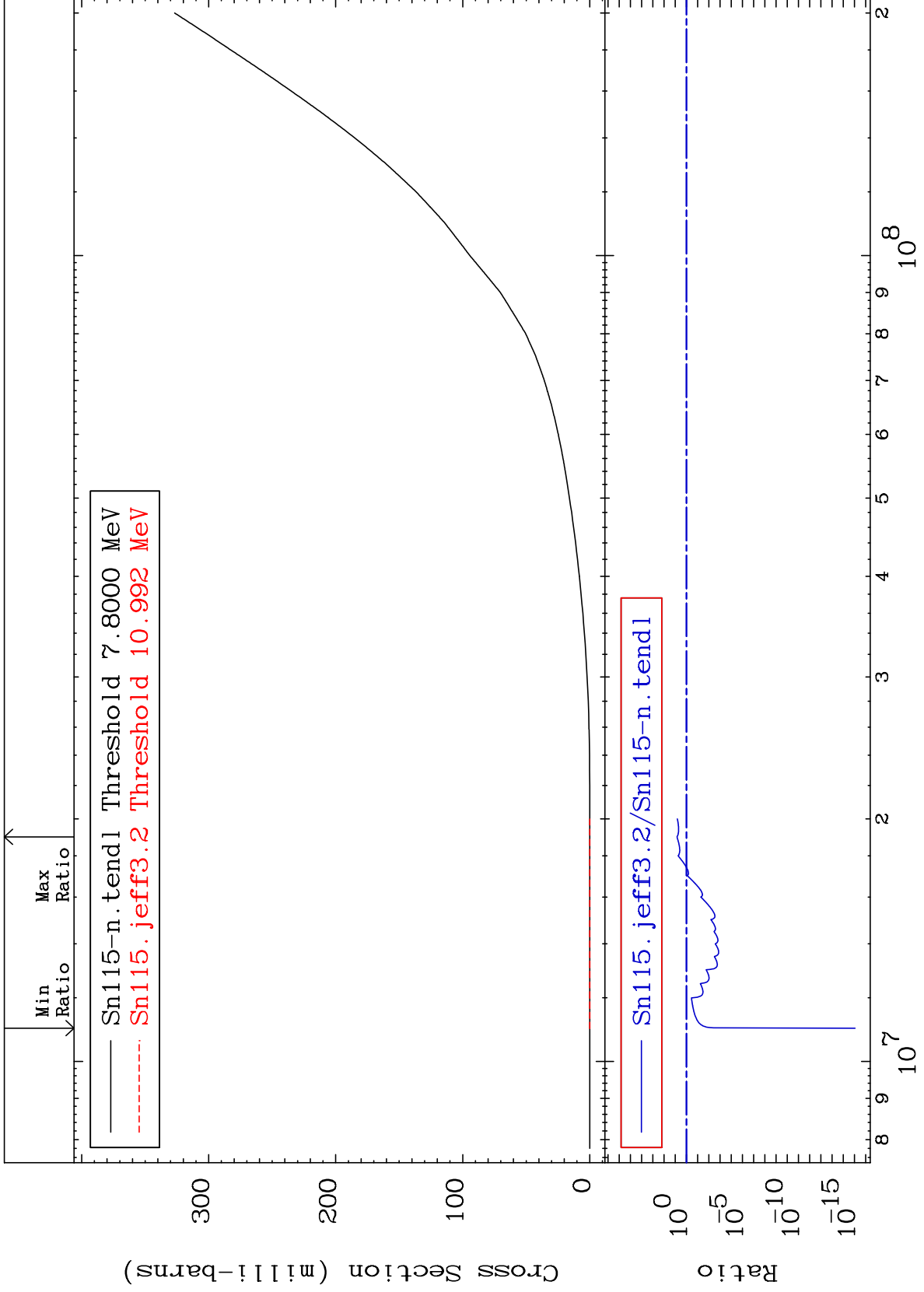
50-Sn-115
-100.0 To 44.29 %



MAT 5034

He-3 Production
Cross Section

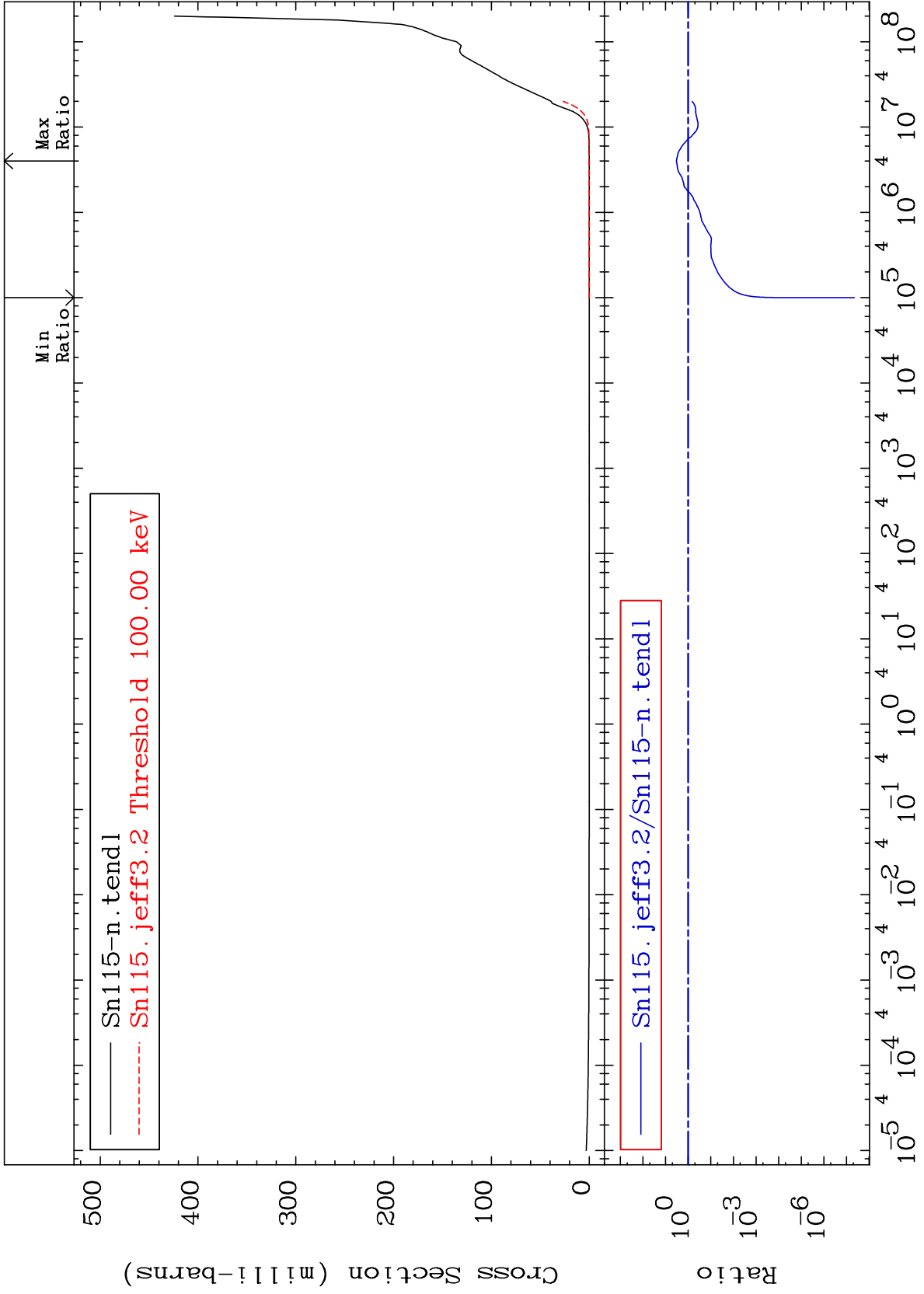
50-Sn-115
-100.0 To 593.1 %



35

Incident Energy (eV)

50-Sn-115



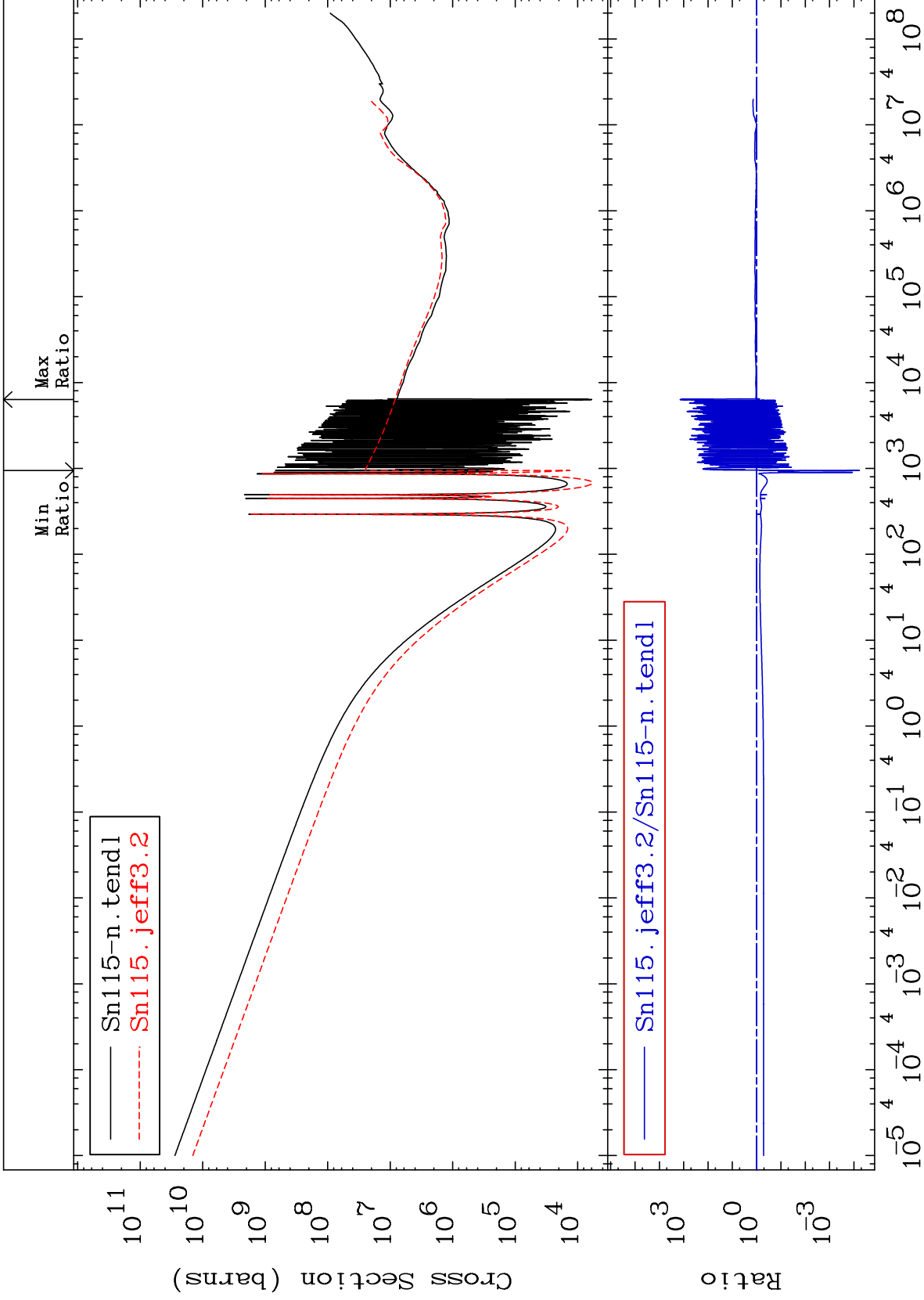
MAT 5034

Kerma total (eV-barns)

50-Sn-115

Cross Section

-99.99 To 9999. %



37

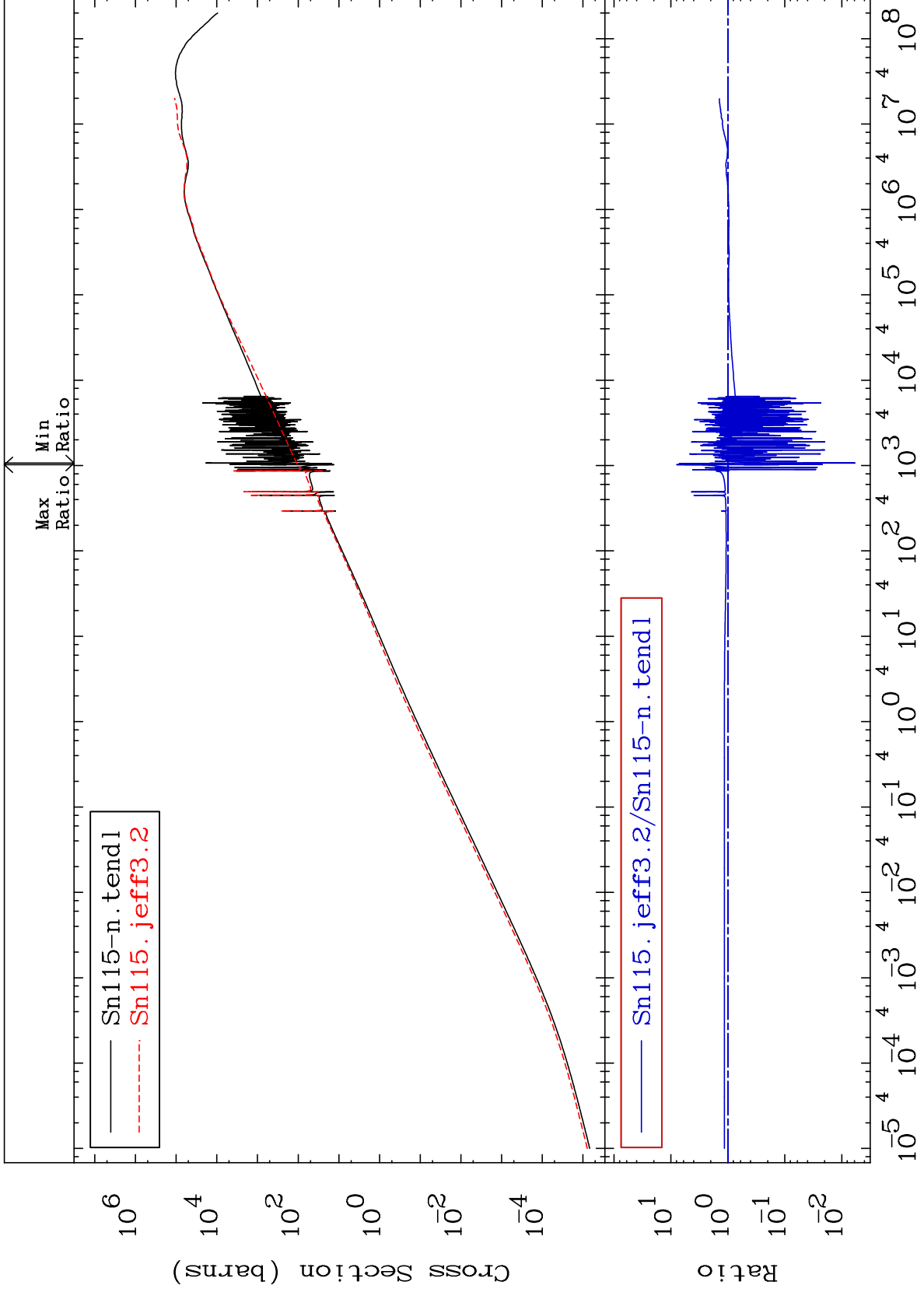
Incident Energy (eV)

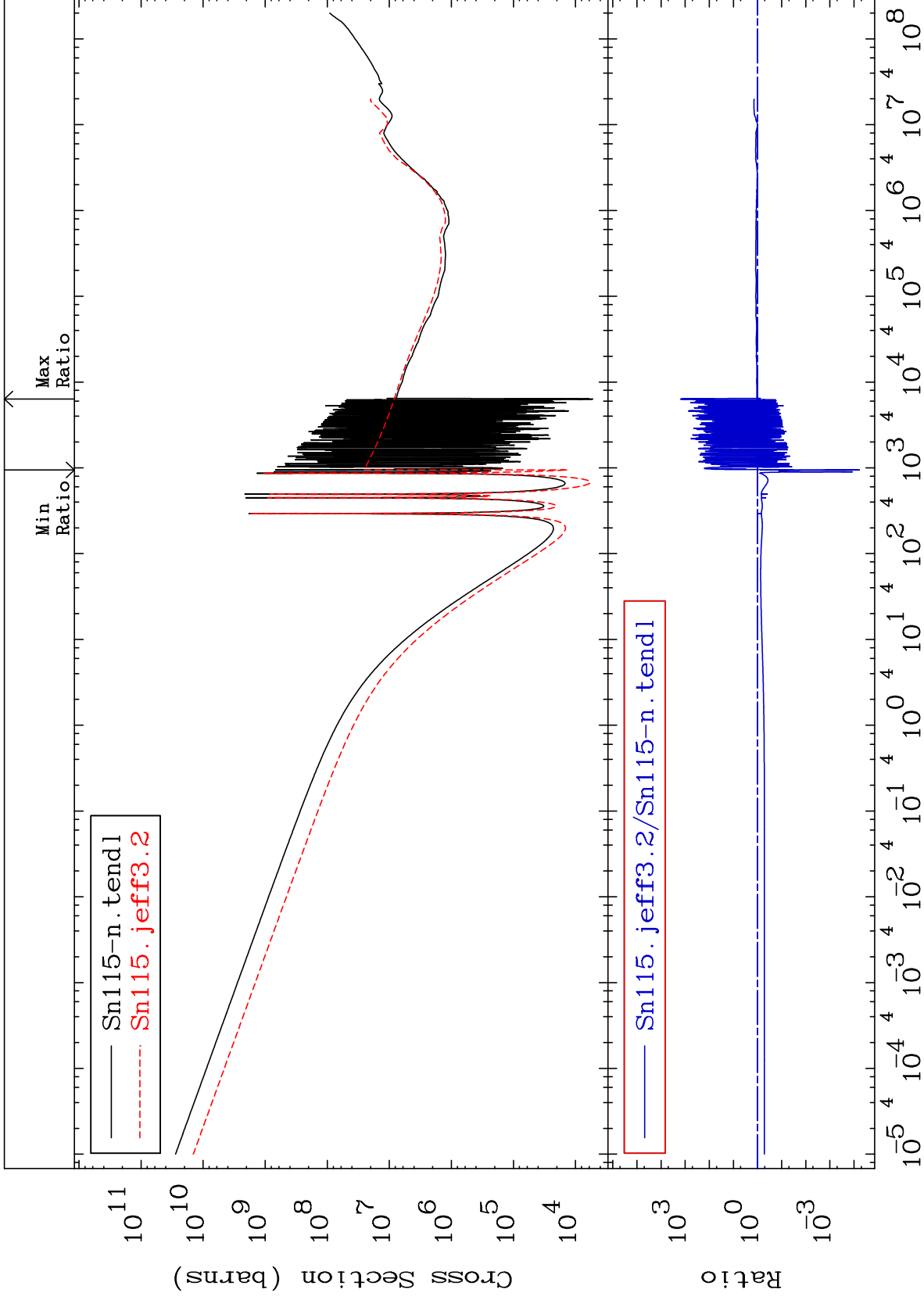
50-Sn-115

MAT 5034

Kerma elastic
Cross Section

50-Sn-115
-99.42 To 685.4 %

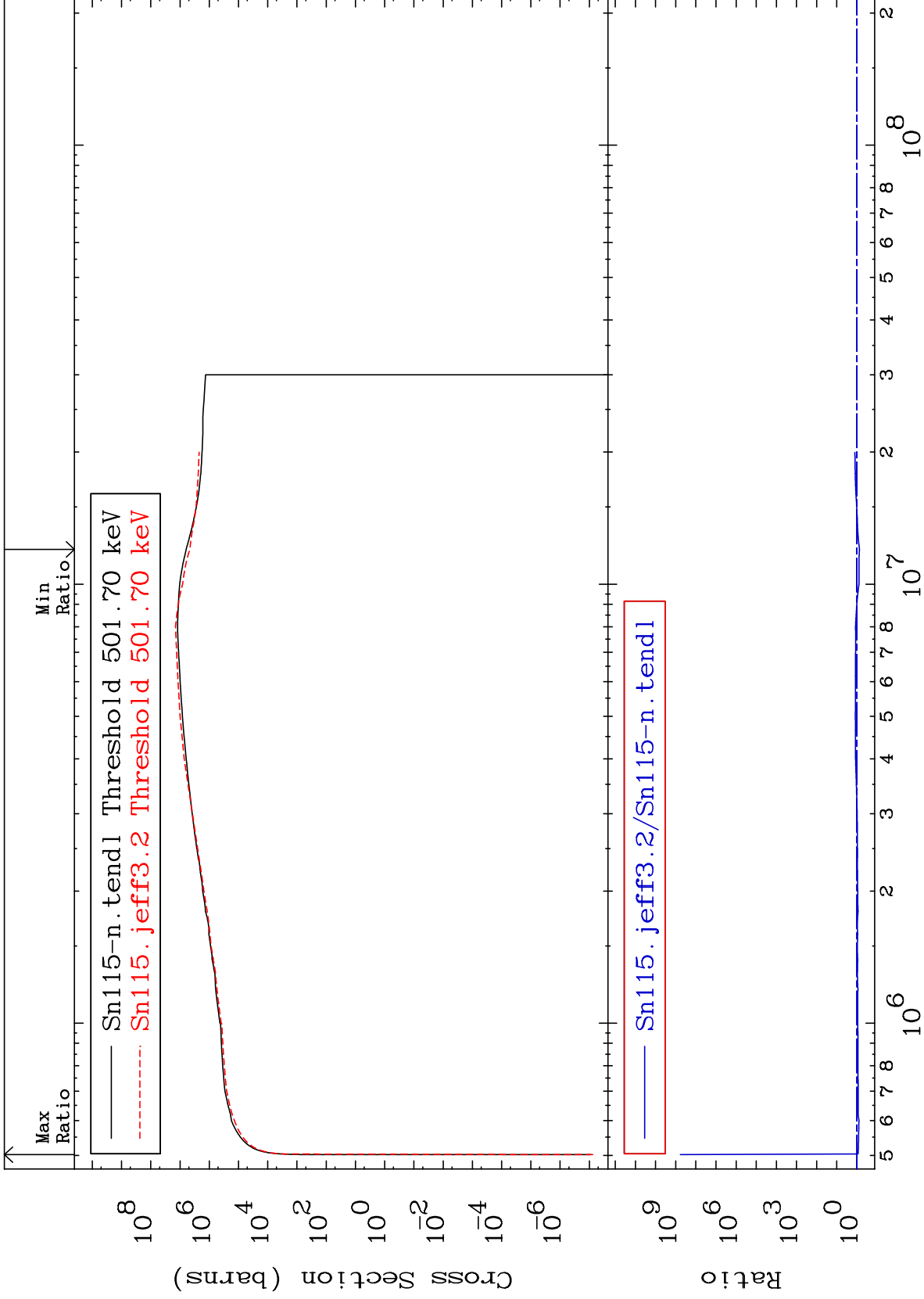




MAT 5034

Kerma inelastic (mt51-91)
Cross Section

50-Sn-115
-24.83 To 9999. %



40

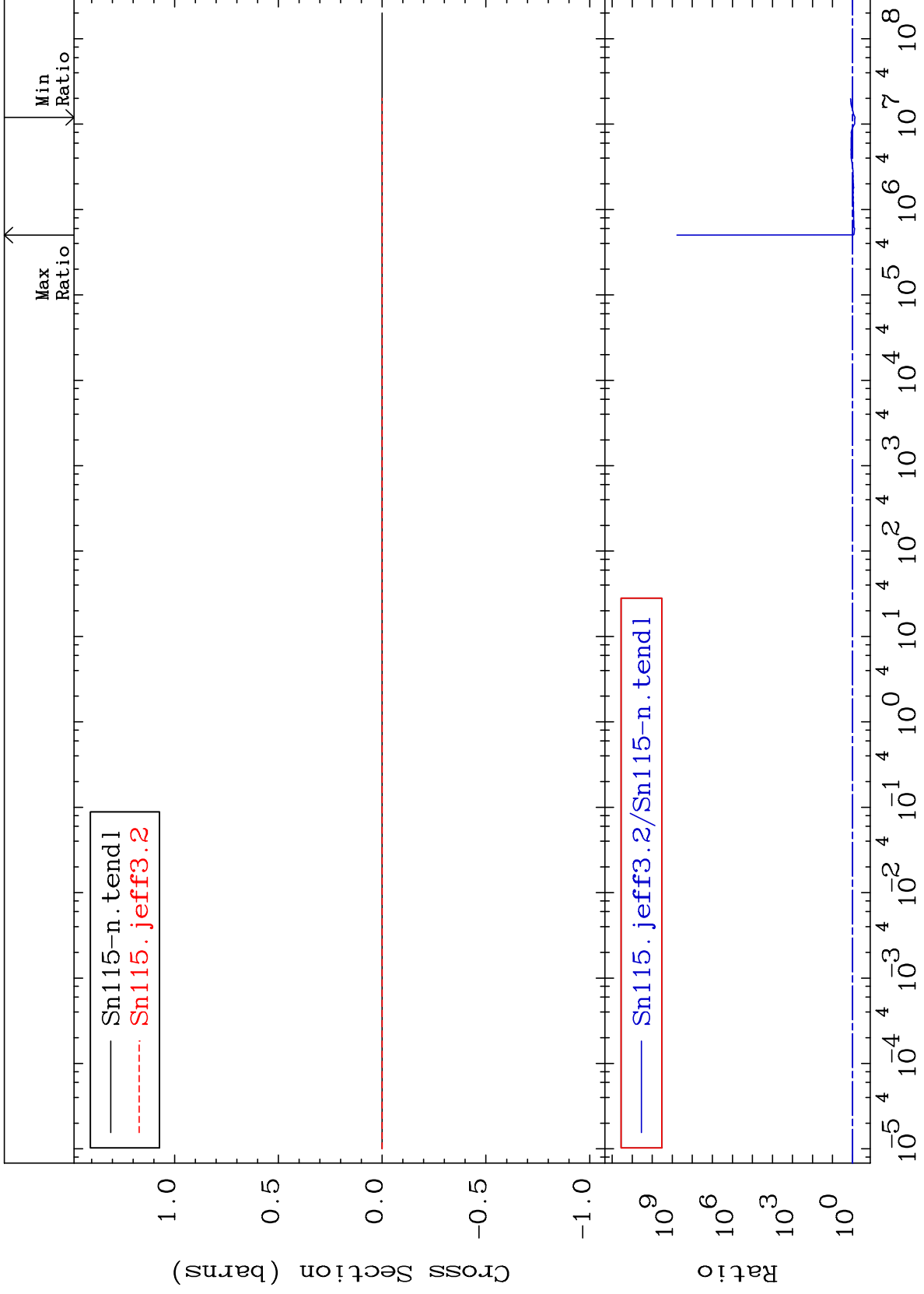
Incident Energy (eV)

50-Sn-115

MAT 5034

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

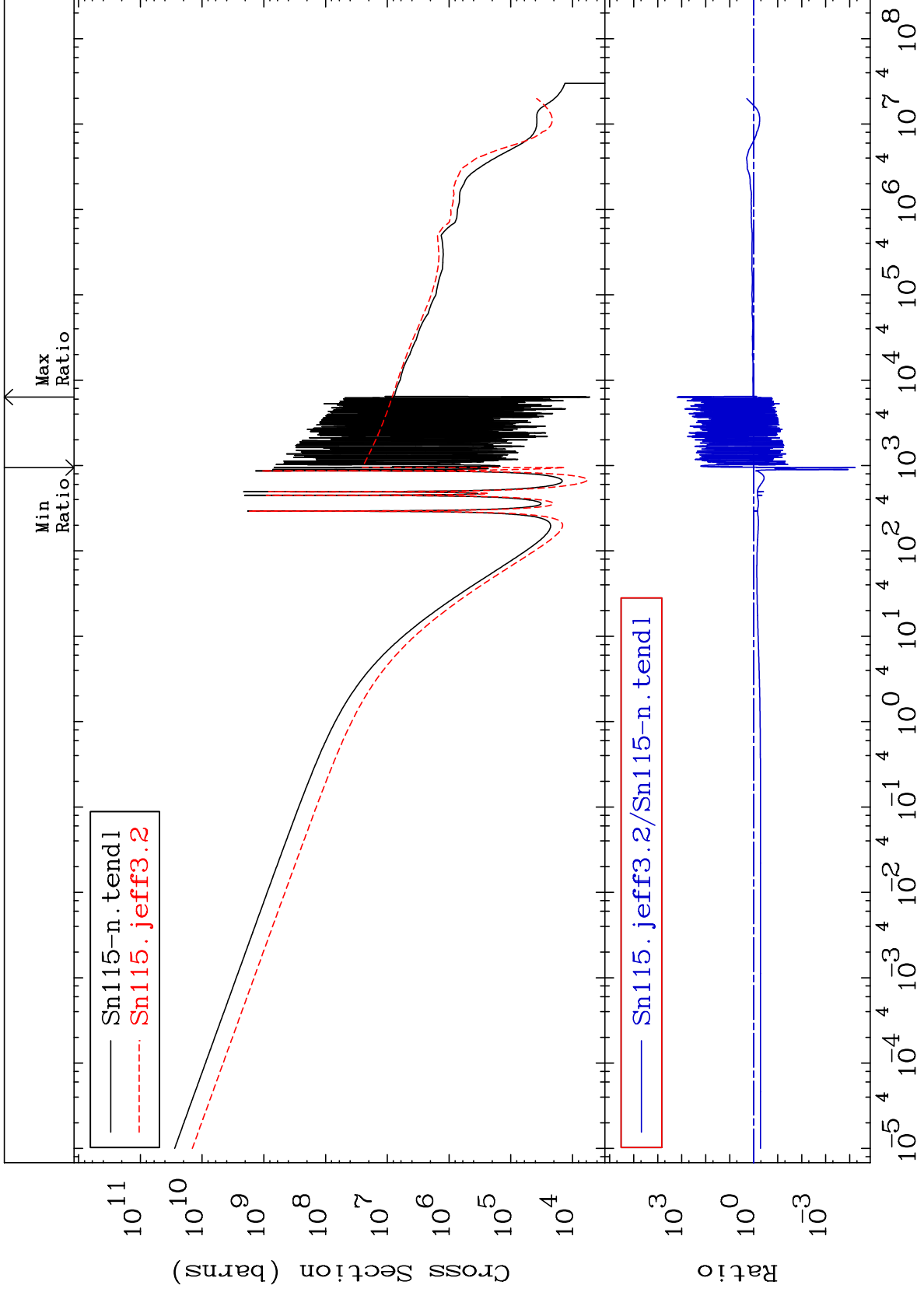
50-Sn-115
-24.83 To 9999. %

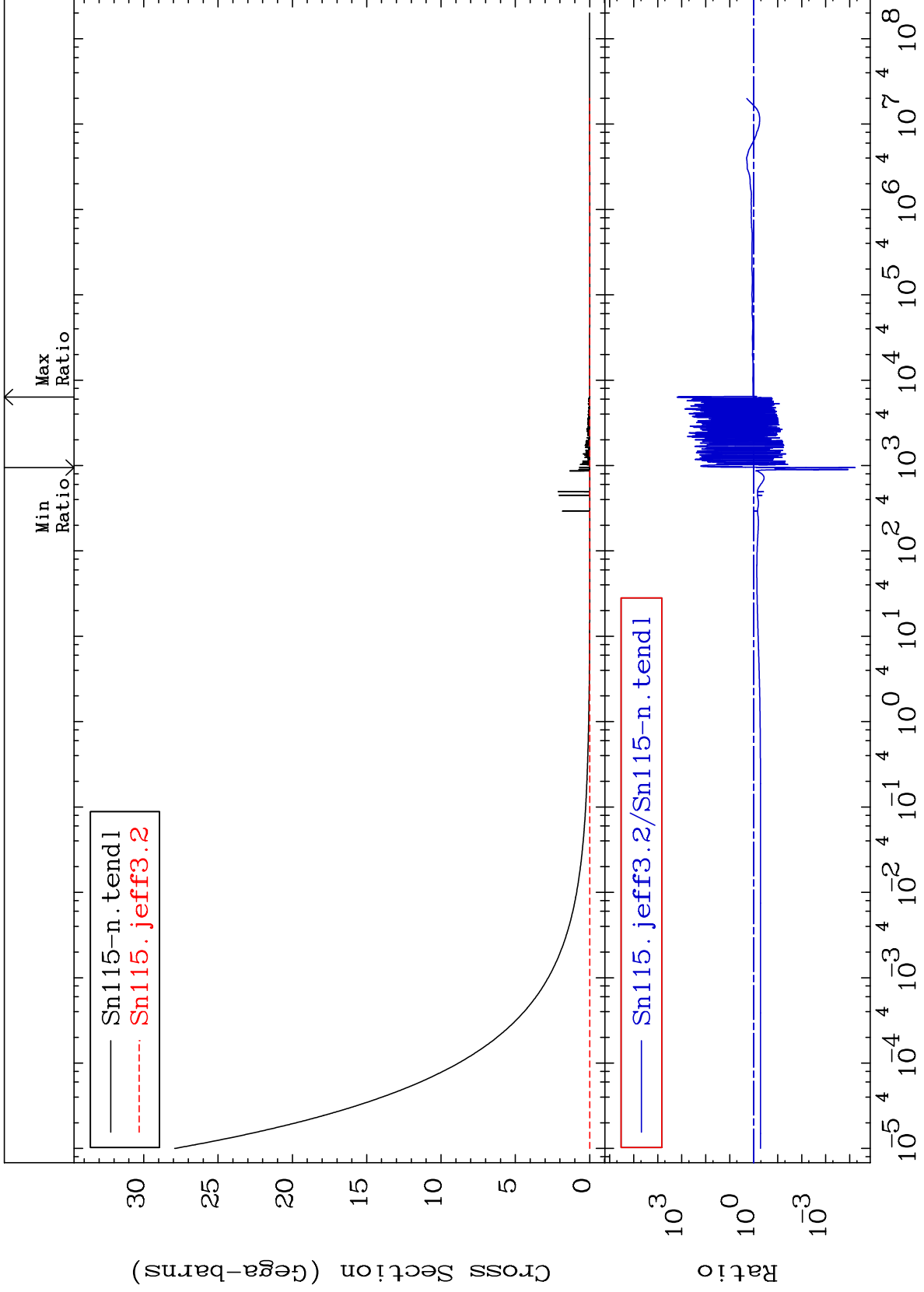


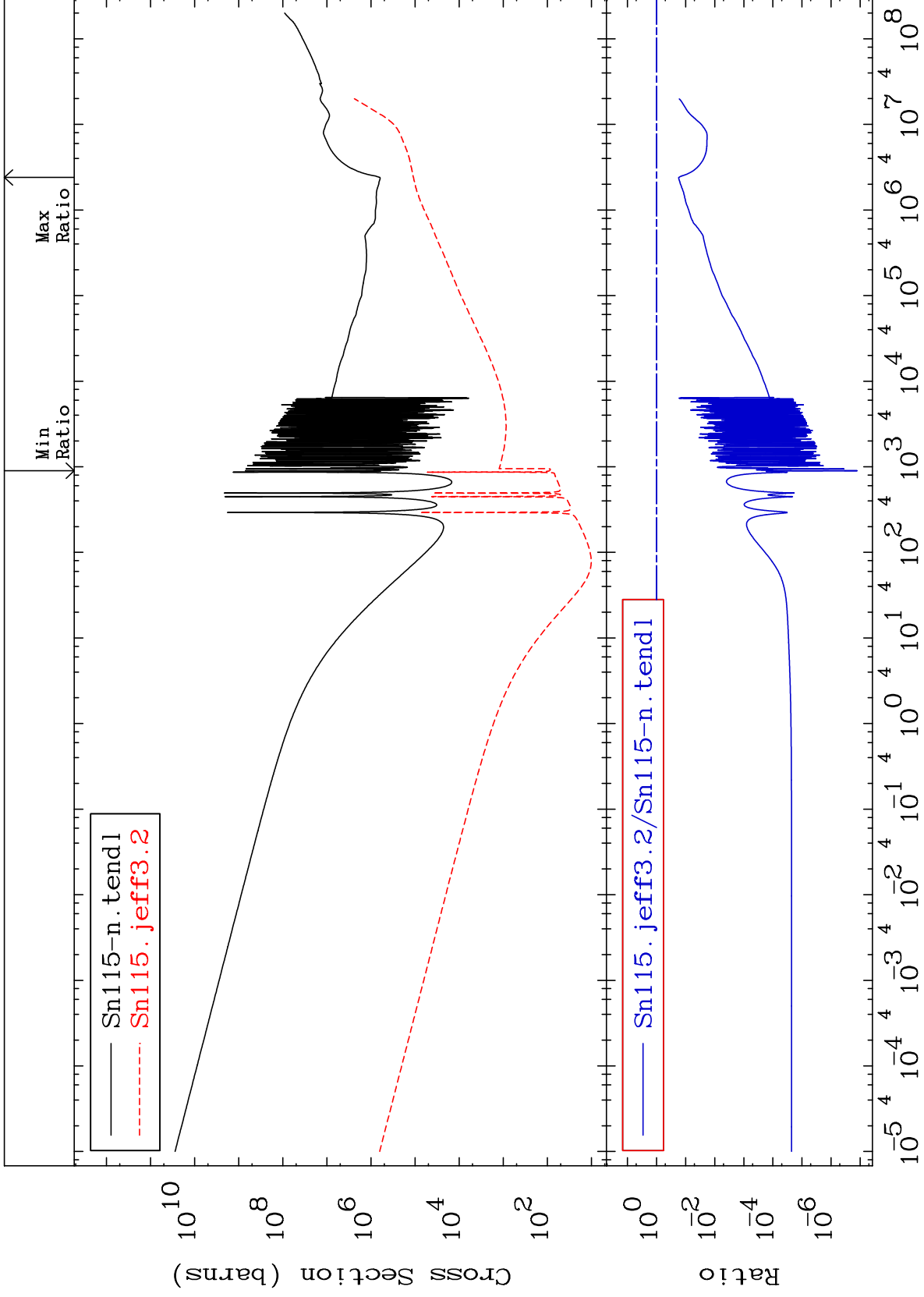
MAT 5034

Kerma capture (mt102)
Cross Section

50-Sn-115
-99.99 To 9999. %







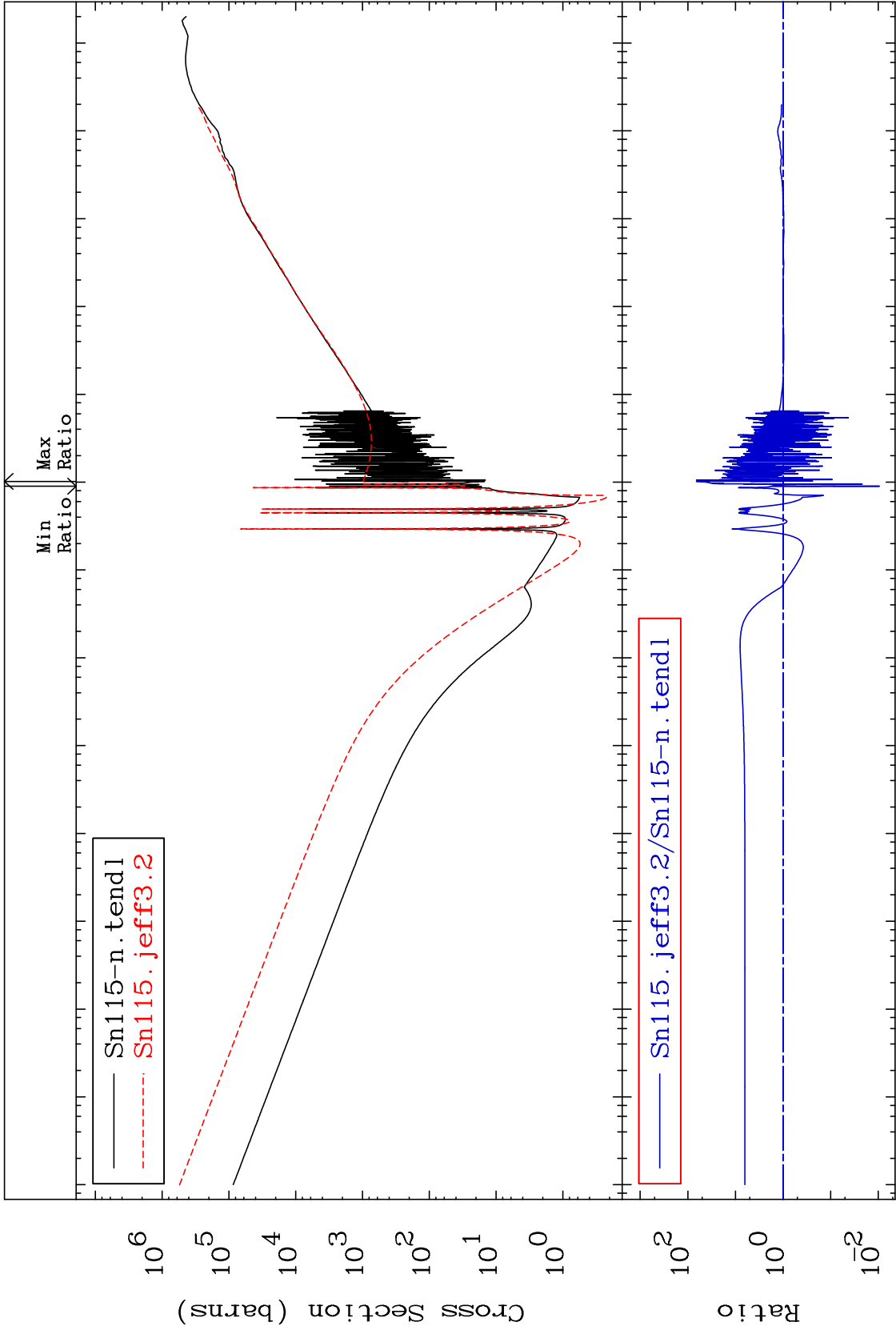
MAT 5034

Dpa total (eV-barns)

50-Sn-115

Cross Section

-99.06 To 6545. %



45

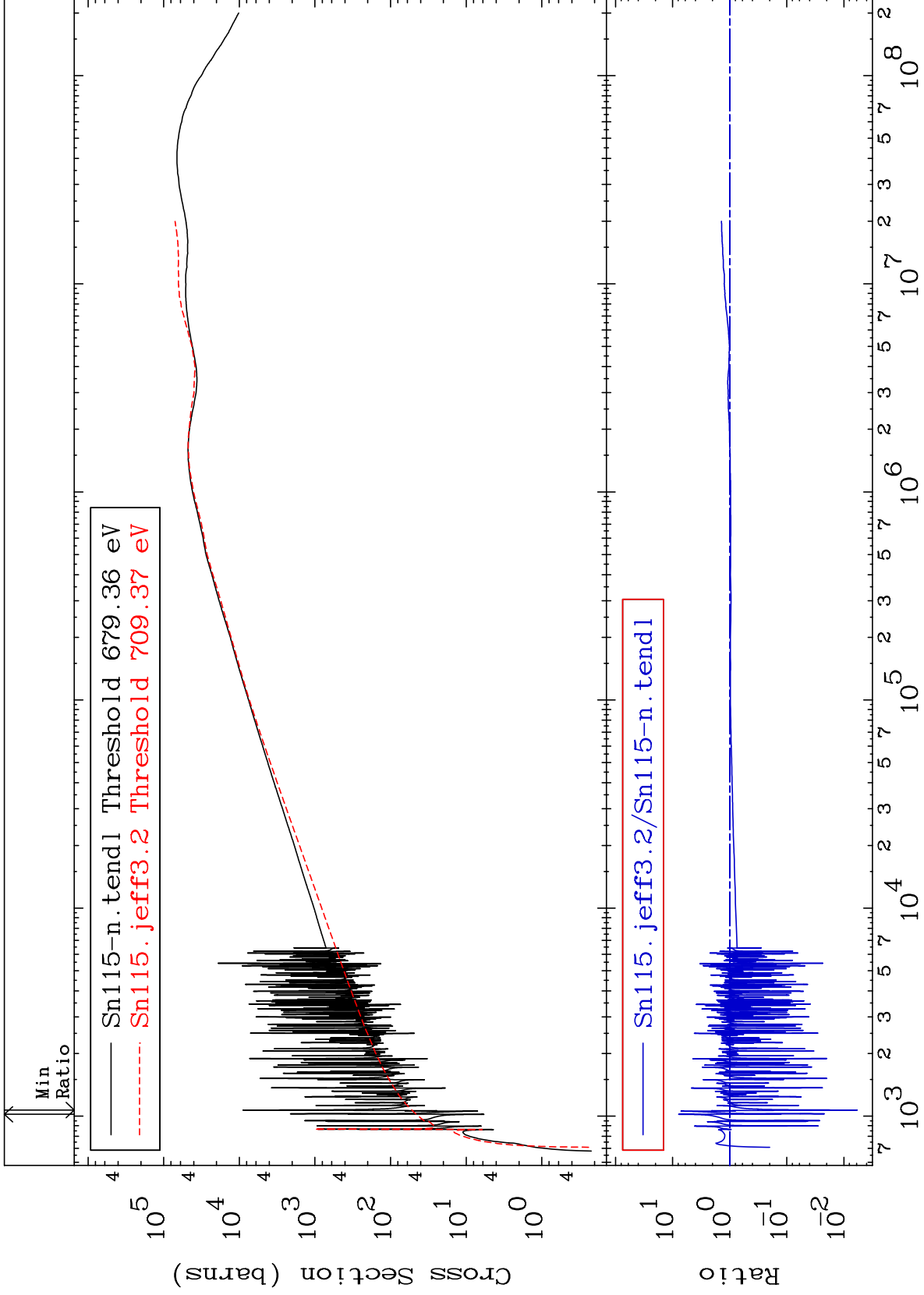
Incident Energy (eV)

50-Sn-115

MAT 5034

Dpa elastic (mt2)
Cross Section

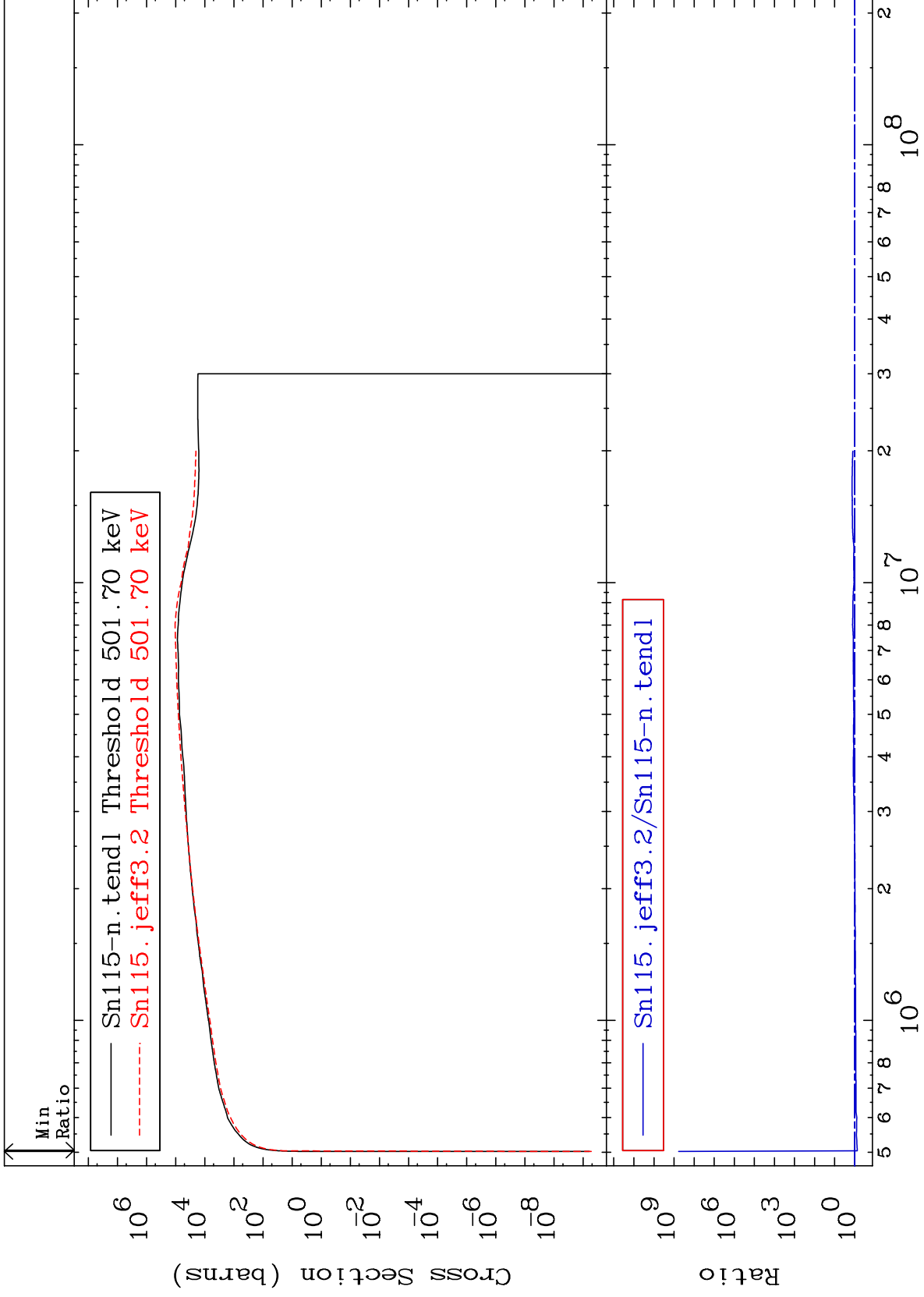
50-Sn-115
-99.42 To 685.6 %



MAT 5034

Dpa inelastic (mt51-91)
Cross Section

50-Sn-115
-25.04 To 9999. %



MAT 5034

Dpa disappearance (mt102 -120)
Cross Section

50-Sn-115
-99.93 To 9999. %

