

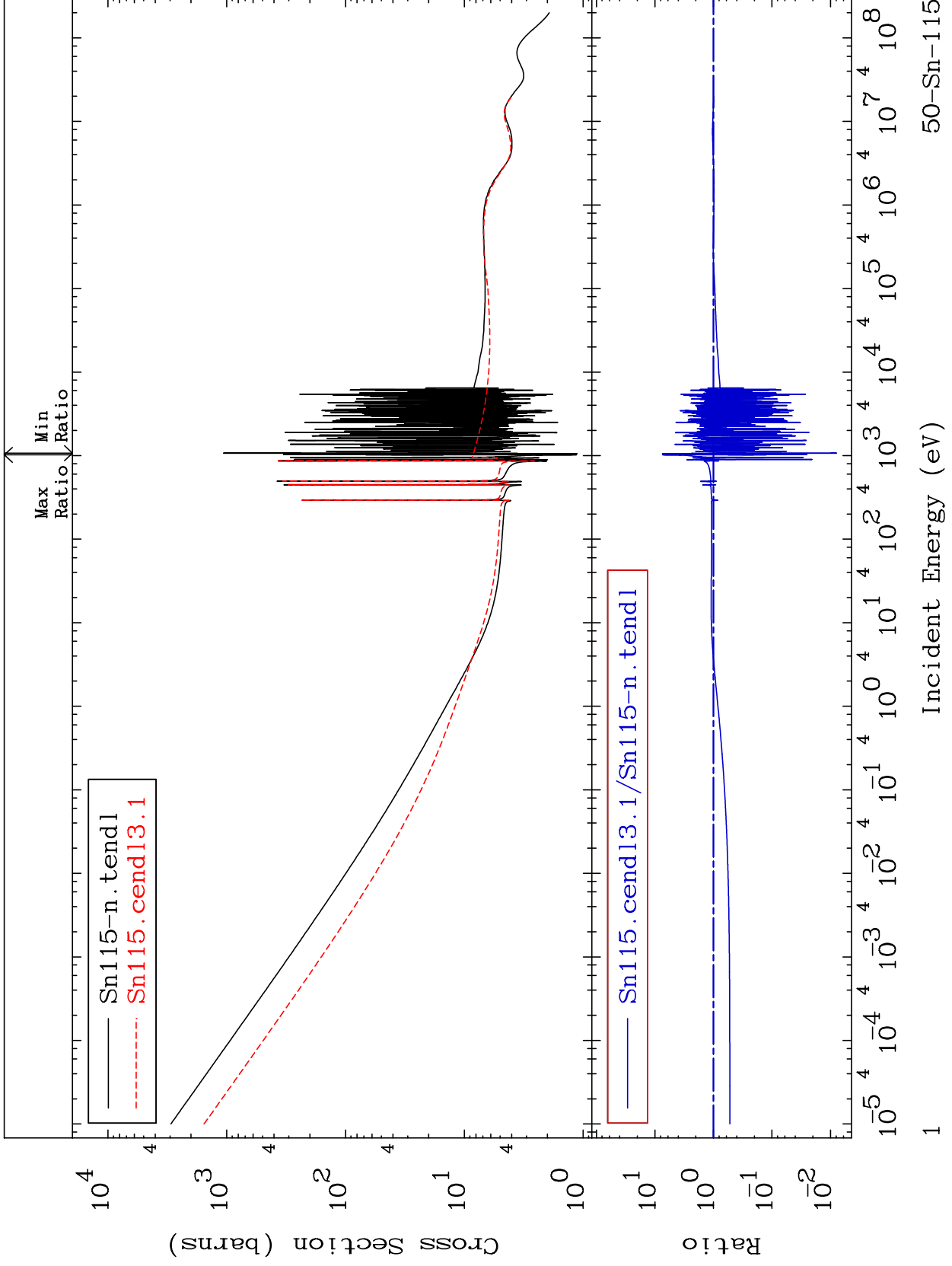
MAT 5034

Total

50-Sn-115

Cross Section

-99.22 To 647.8 %



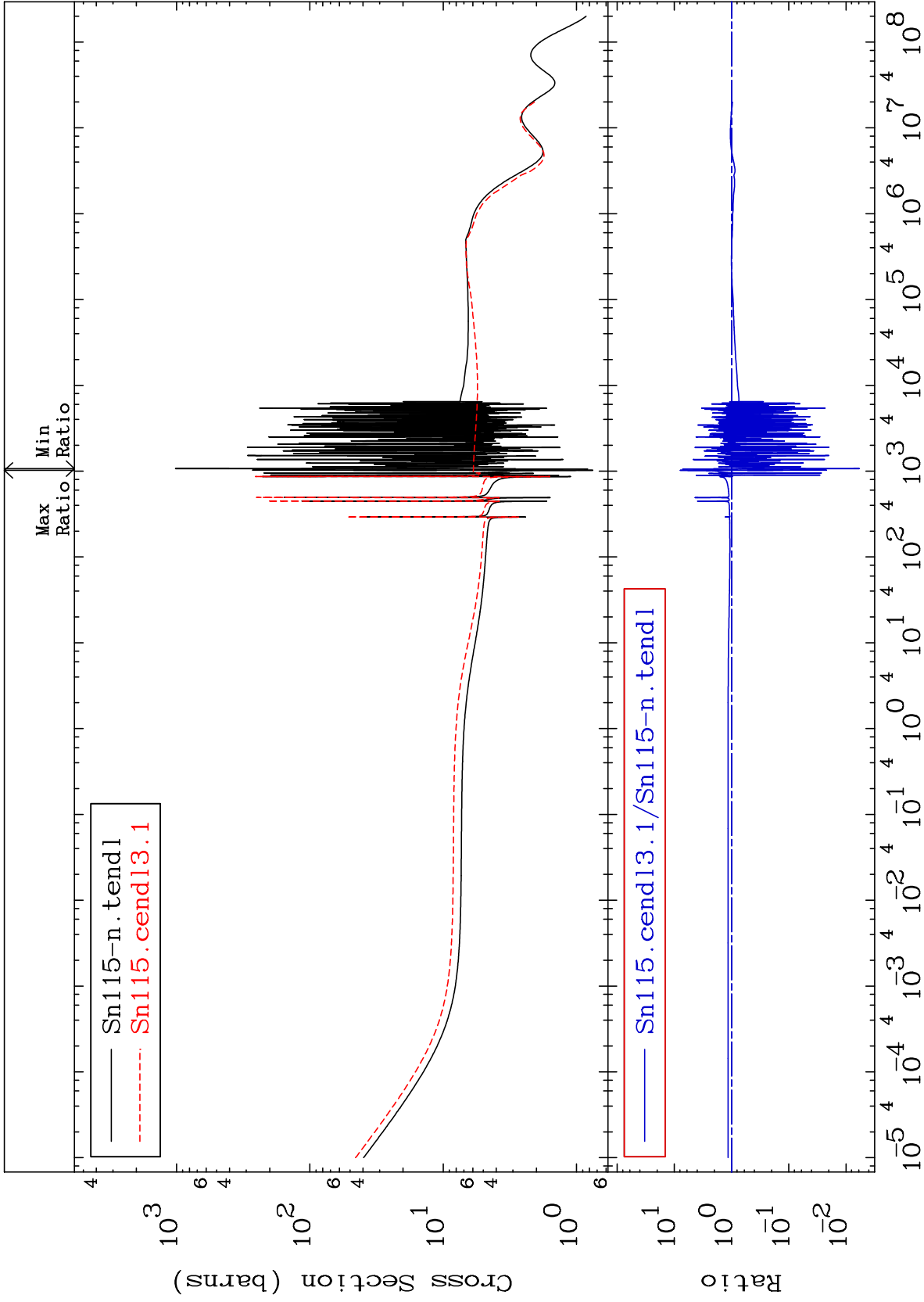
MAT 5034

Elastic

Cross Section

50-Sn-115

-99.42 To 685.1 %



Incident Energy (eV)

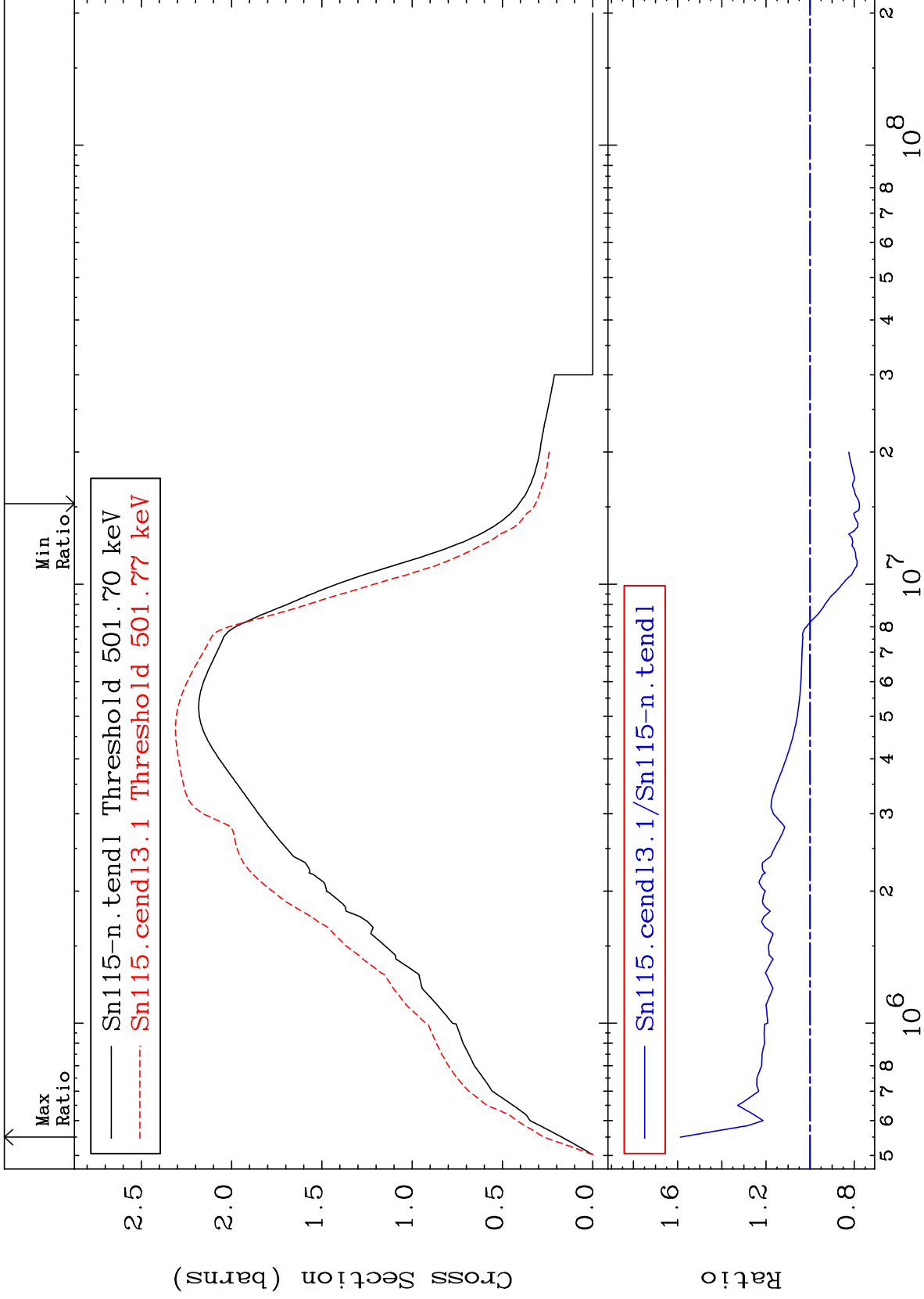
50-Sn-115

2

MAT 5034

Inelastic
Cross Section

50-Sn-115
-22.35 To 58.77 %



3

Incident Energy (eV)

50-Sn-115

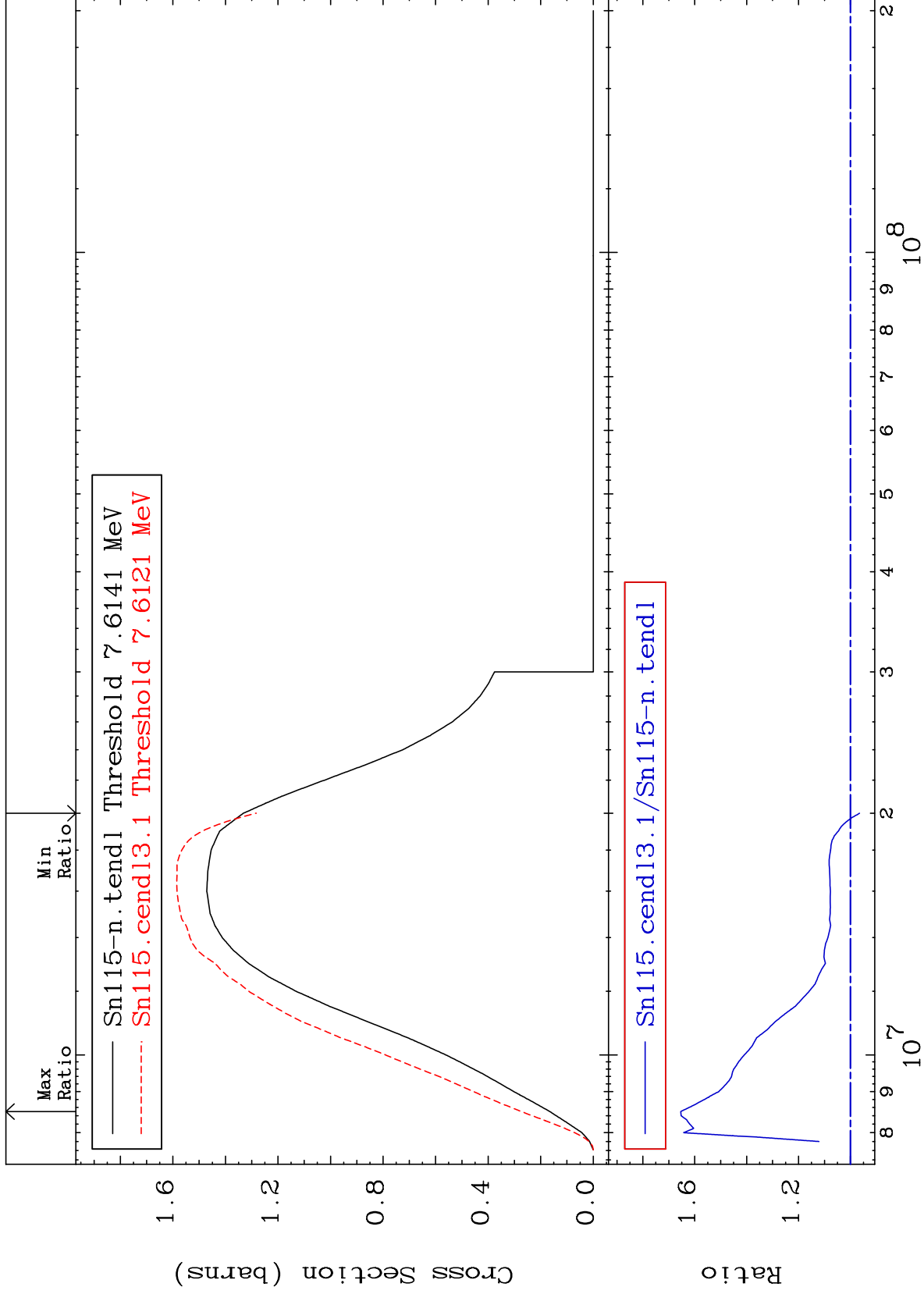
MAT 5034

(n,2n)

50-Sn-115

Cross Section

-3.505 To 65.39 %

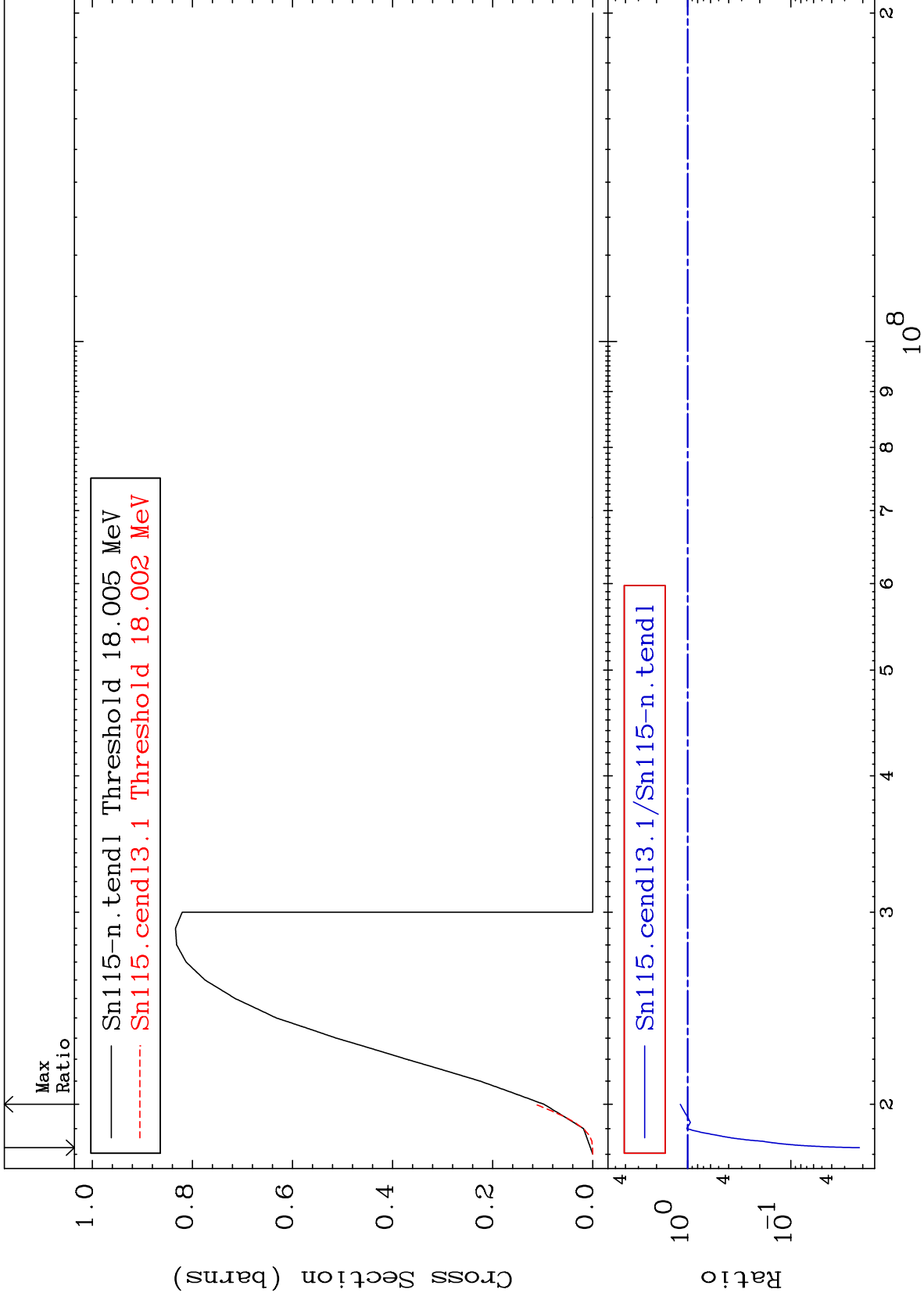


4

MAT 5034

(n,3n)
Cross Section

50-Sn-115
-97.84 To 17.46 %

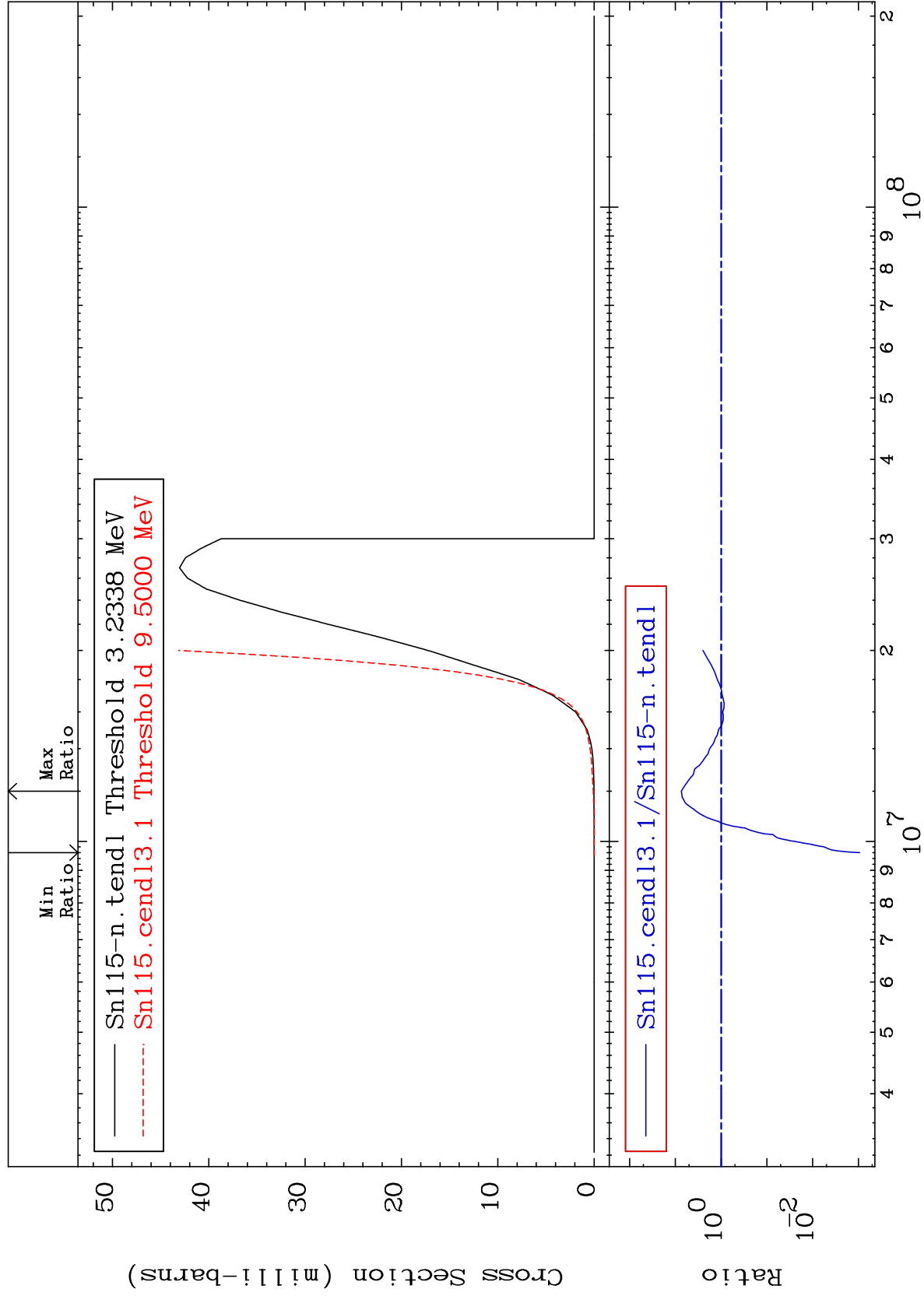


MAT 5034

50-Sn-115

(n, n') α

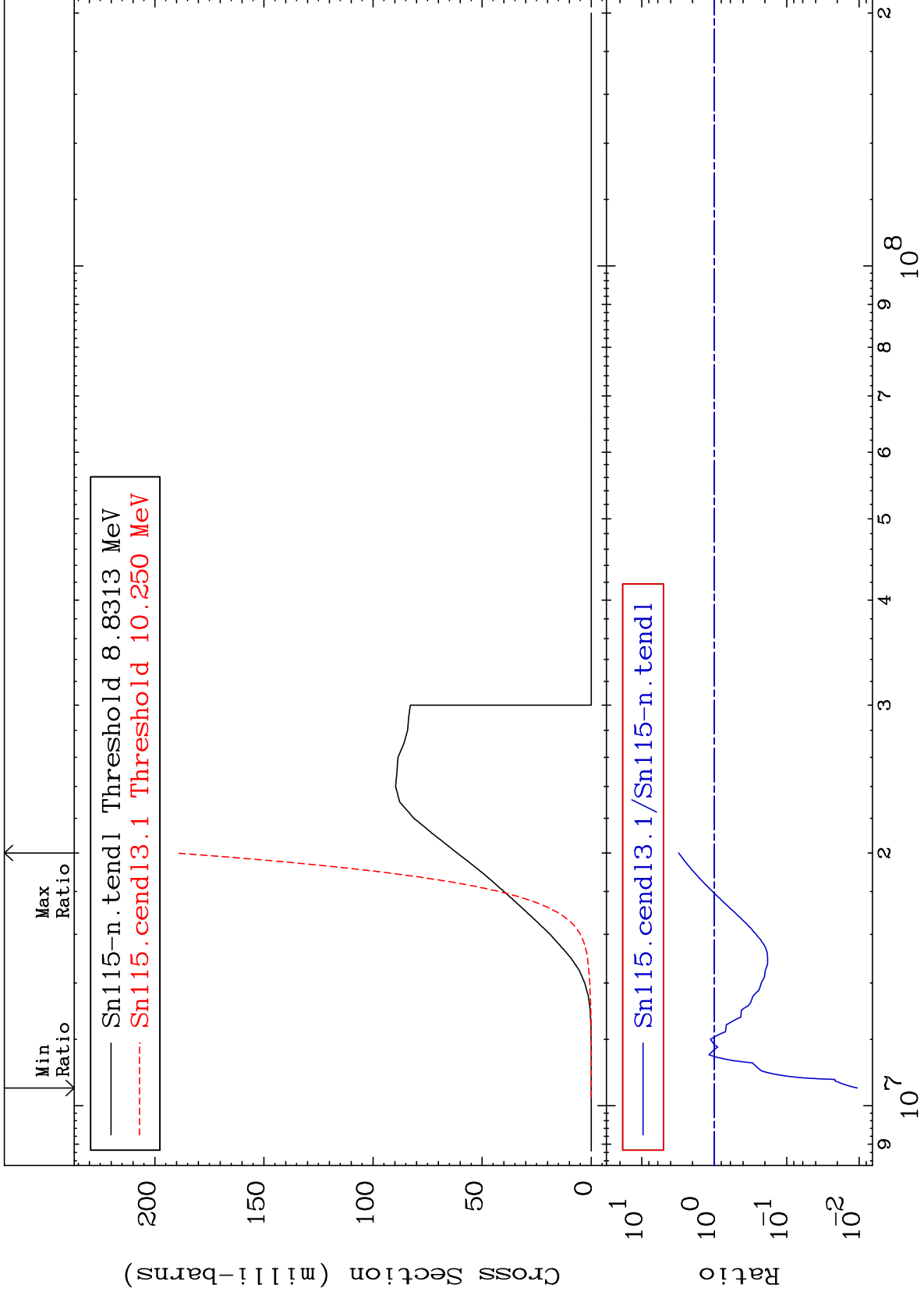
-99.91 To 637.5 %



MAT 5034

(n, n') p
Cross Section

50-Sn-115
-98.94 To 210.3 %



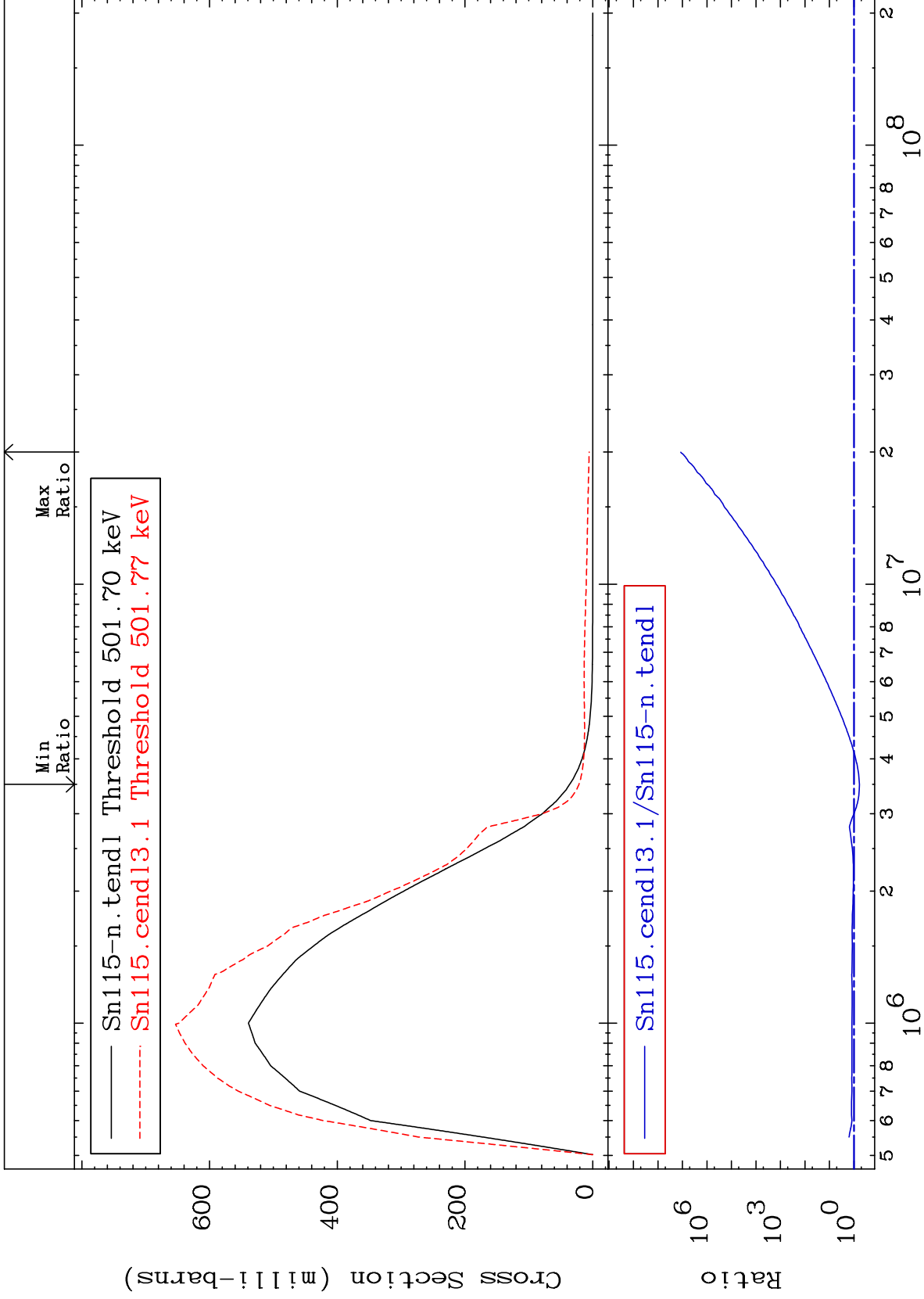
50-Sn-115

7

MAT 5034

497.3 keV (n,n') Level
Cross Section

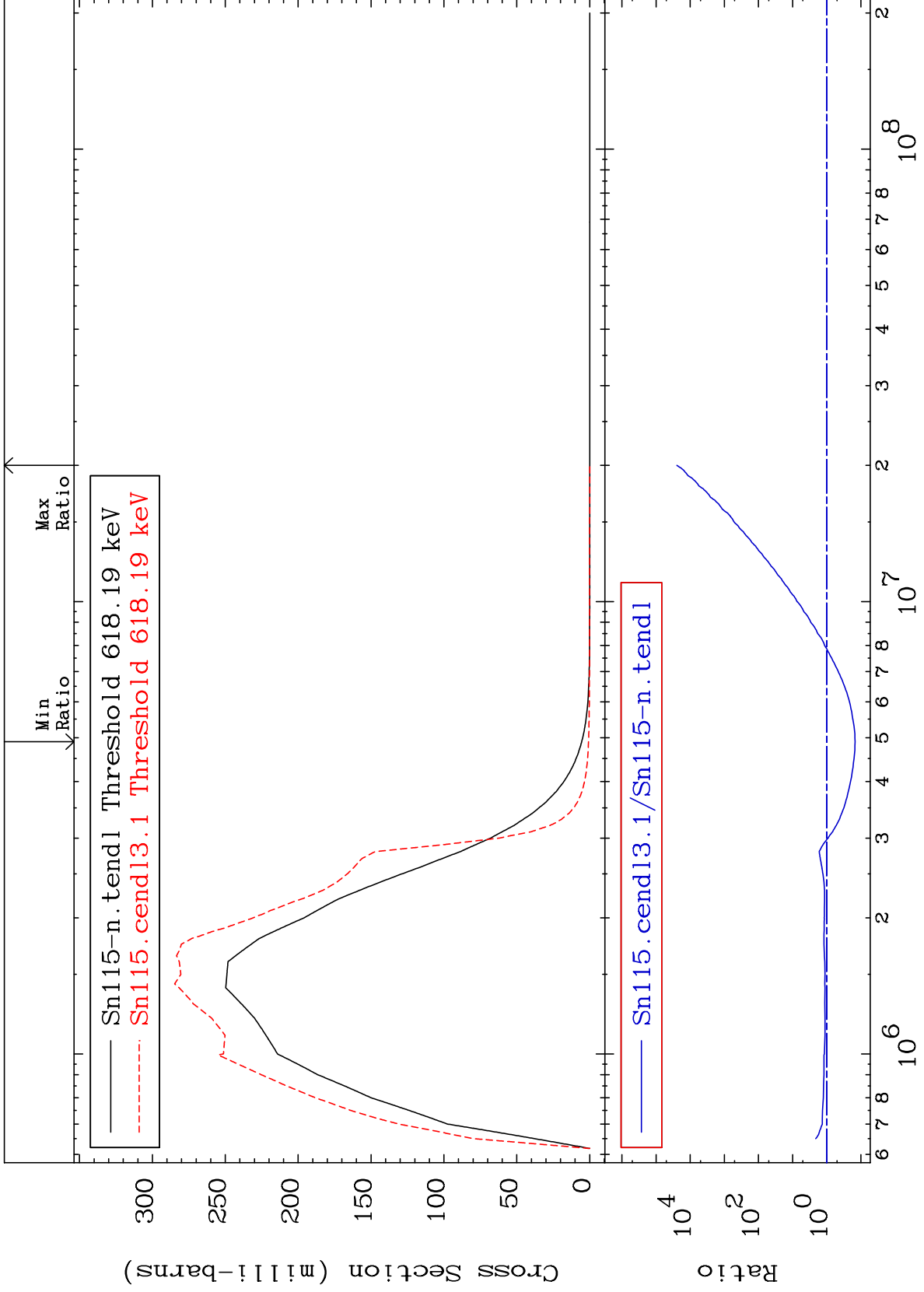
50-Sn-115
-40.49 To 9999. %



MAT 5034

612.8 keV (n,n') Level
Cross Section

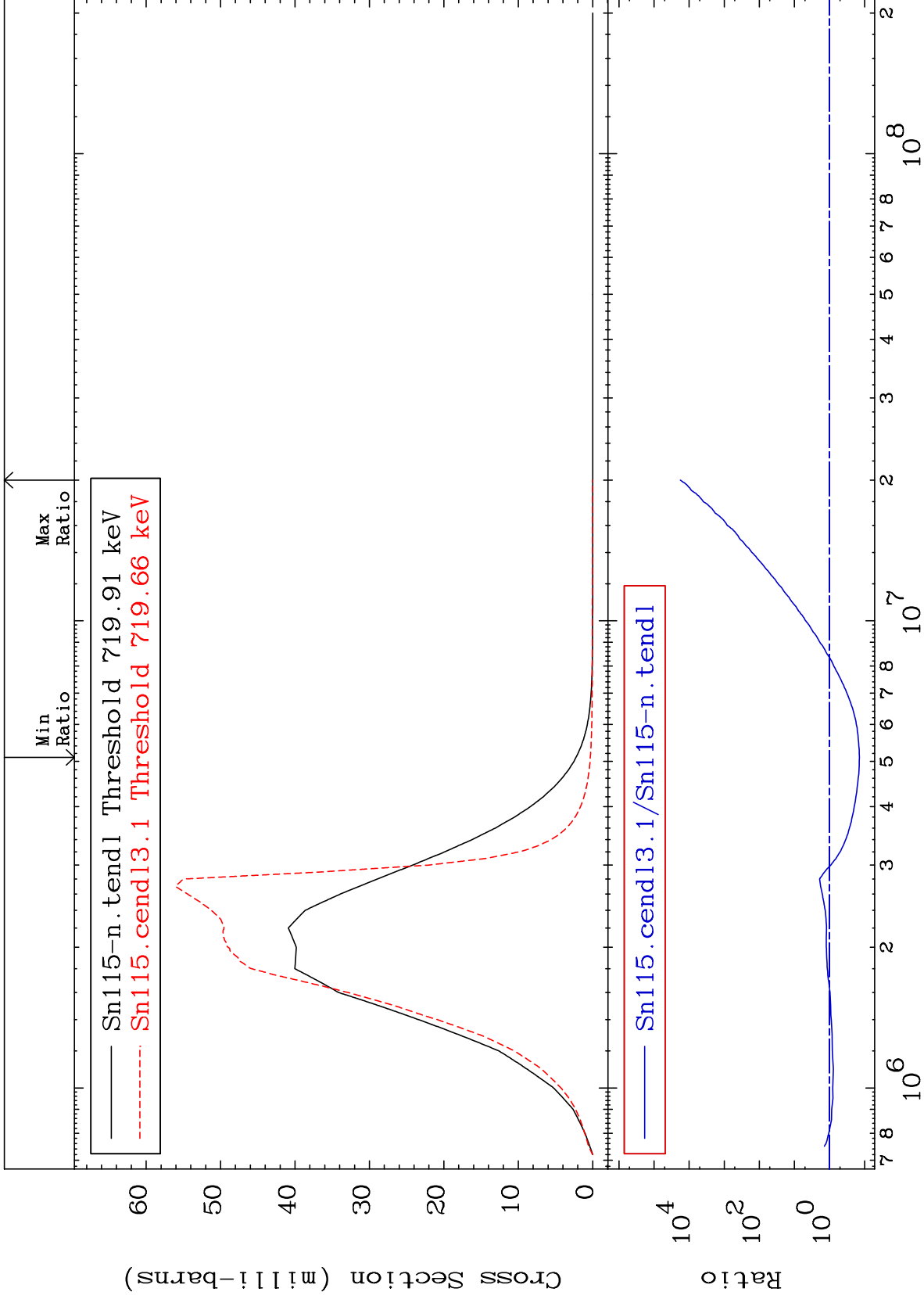
50-Sn-115
-85.26 To 9999. %



MAT 5034

713.6 keV (n,n') Level
Cross Section

50-Sn-115
-85.99 To 9999. %



10

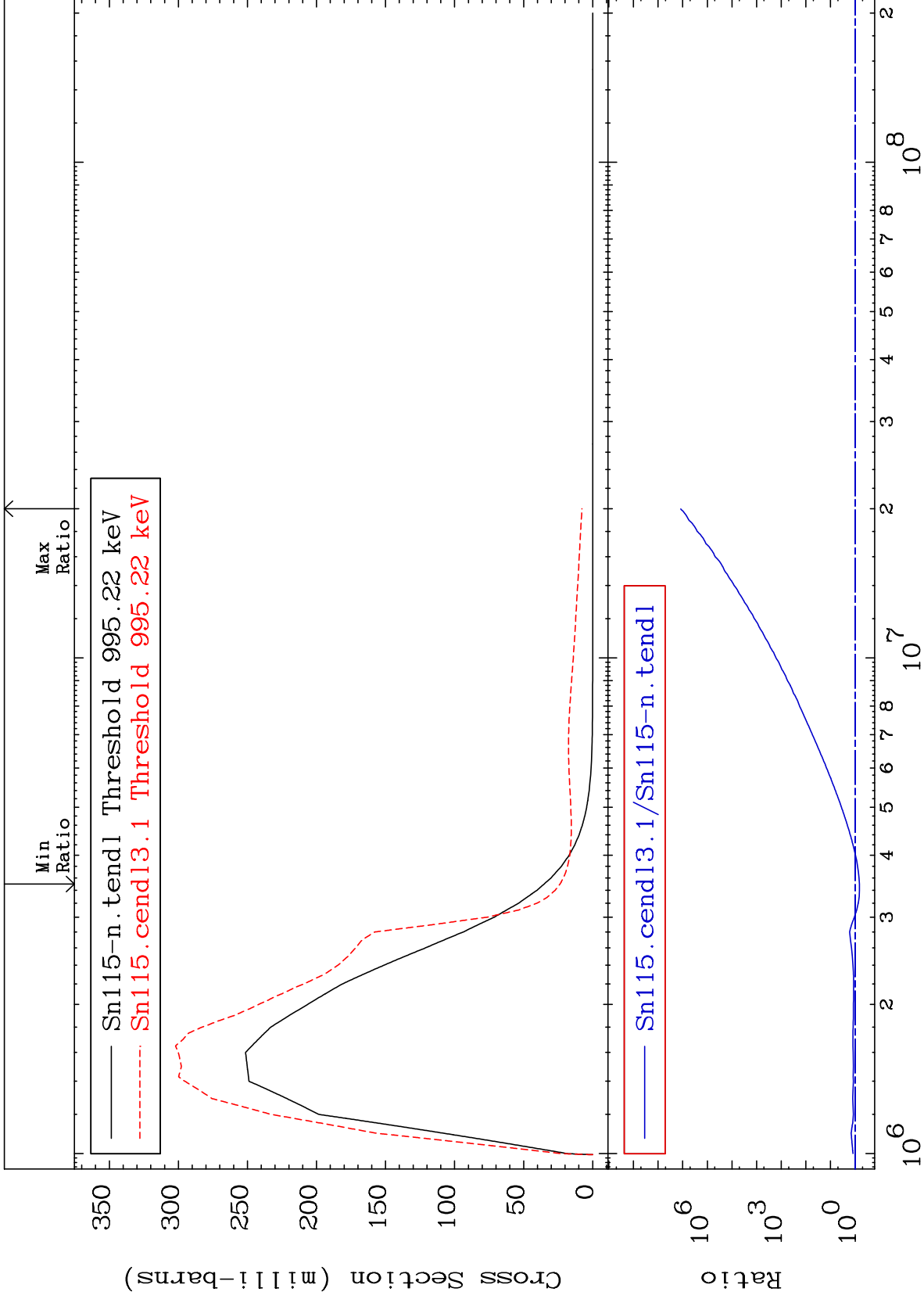
Incident Energy (eV)

50-Sn-115

MAT 5034

986.6 keV (n,n') Level
Cross Section

50-Sn-115
-32.96 To 9999. %



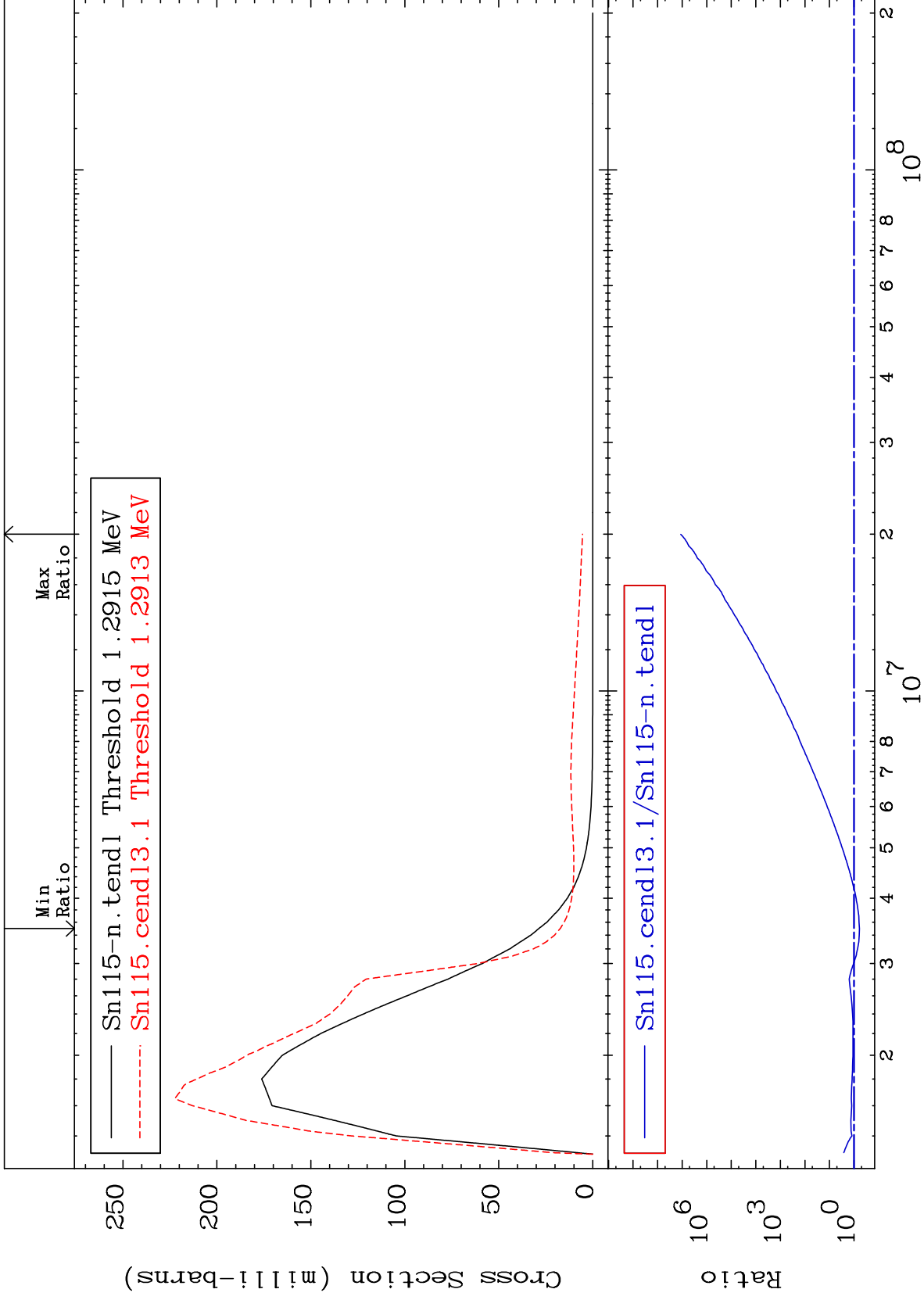
11

50-Sn-115

MAT 5034

1.280 MeV (n,n') Level
Cross Section

50-Sn-115
-39.68 To 9999. %



12

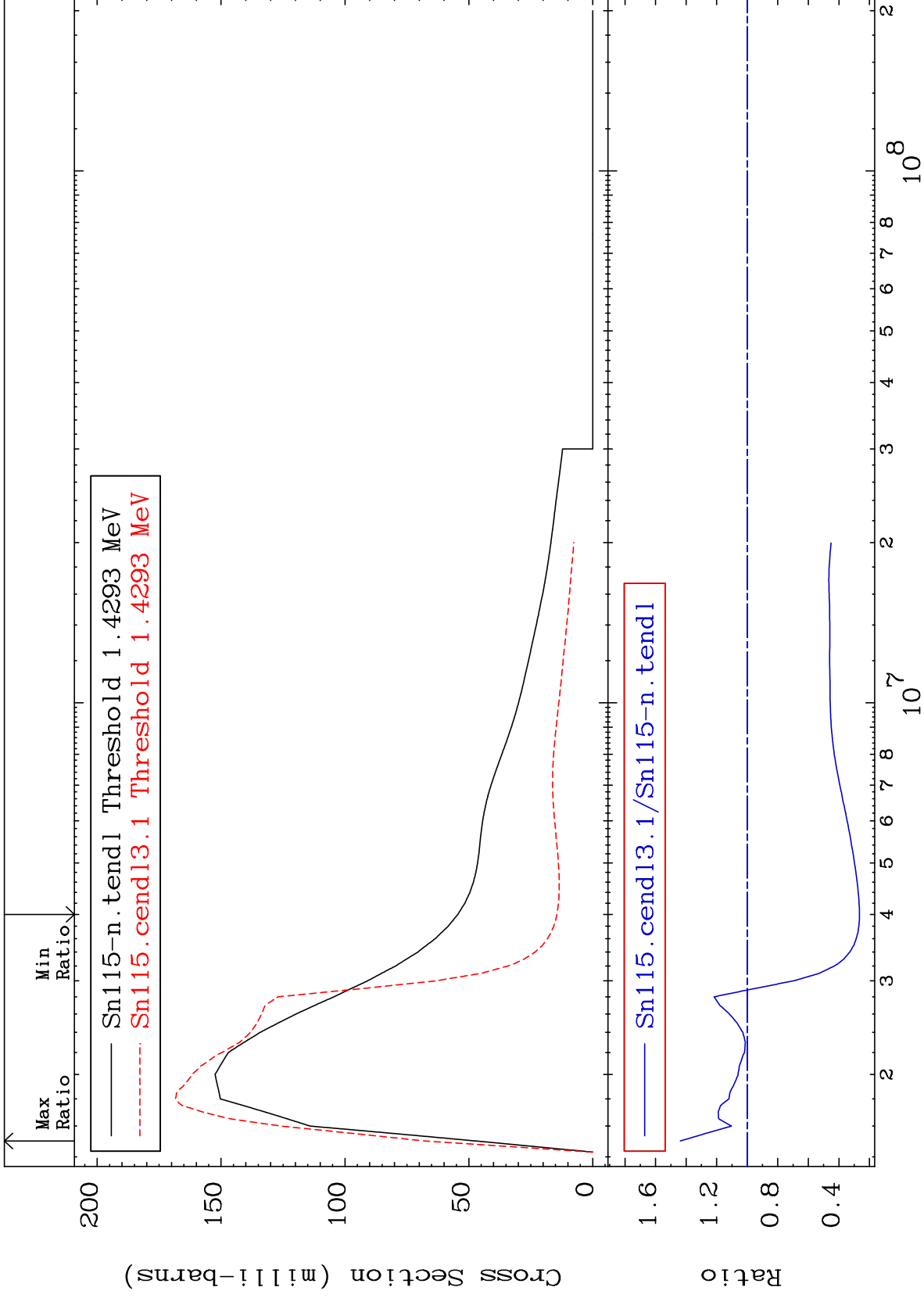
Incident Energy (eV)

50-Sn-115

MAT 5034

1.417 MeV (n,n') Level
Cross Section

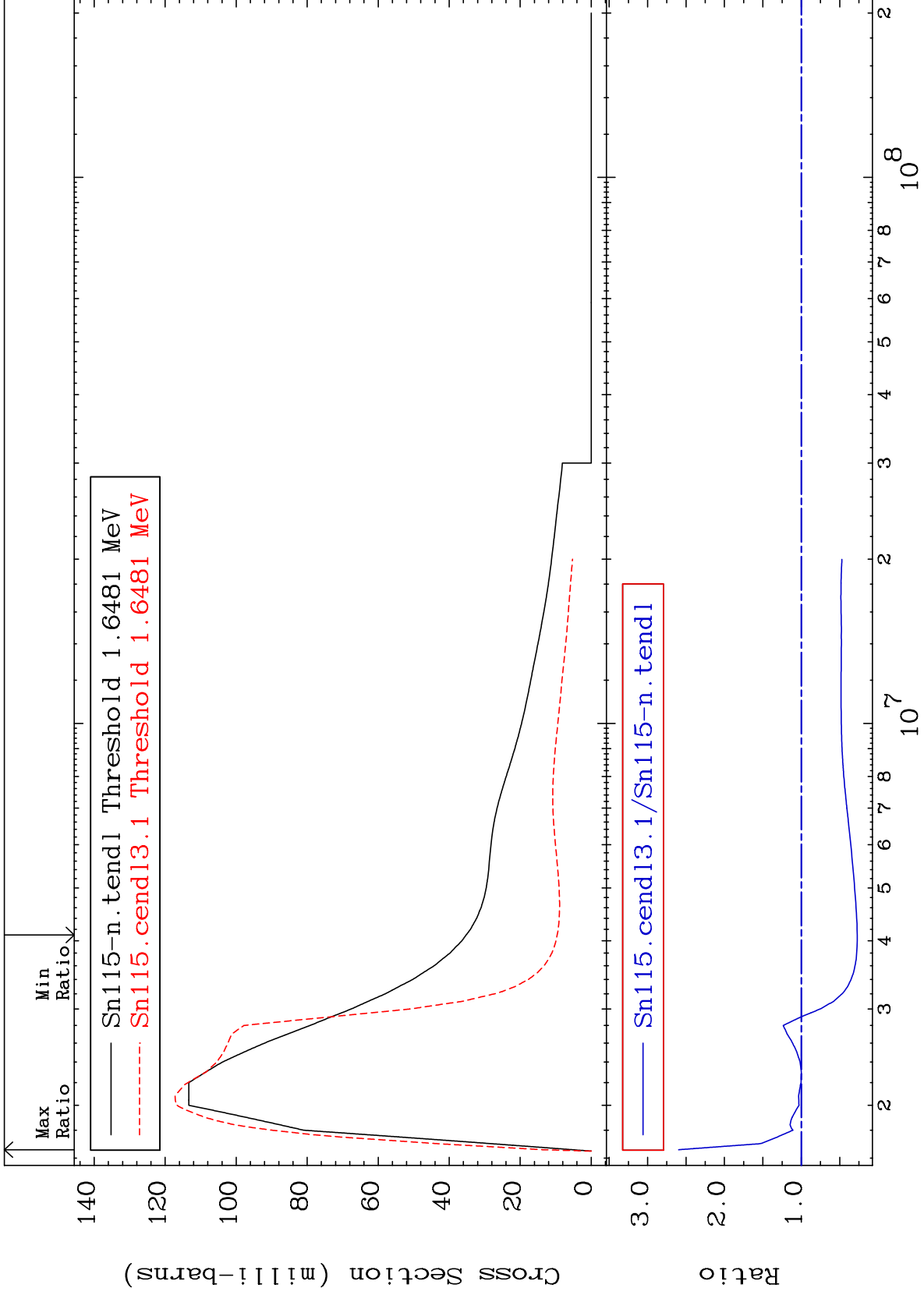
50-Sn-115
-73.44 To 43.77 %



MAT 5034

1.634 MeV (n,n') Level
Cross Section

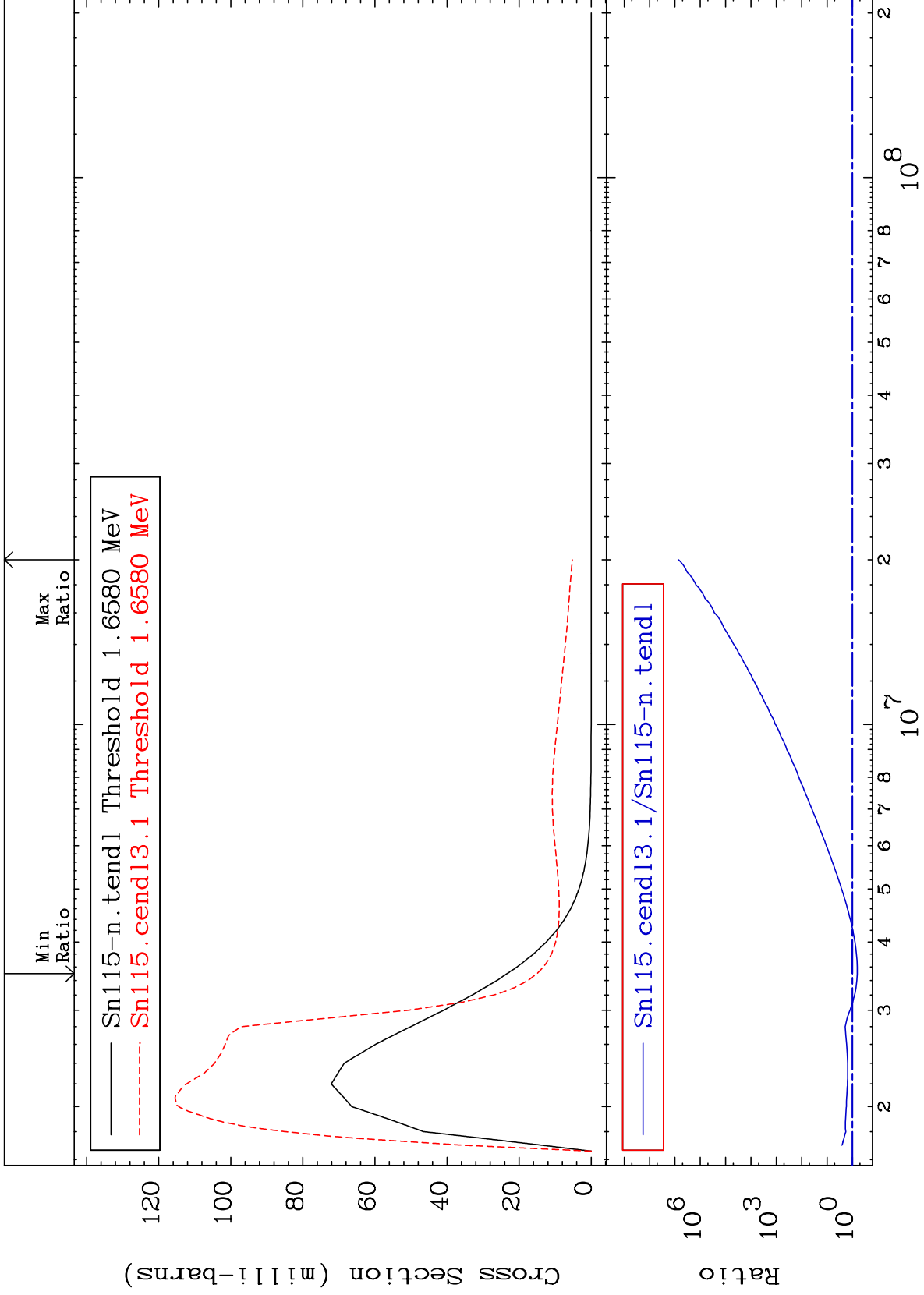
50-Sn-115
-72.84 To 159.6 %



MAT 5034

1.644 MeV (n,n') Level
Cross Section

50-Sn-115
-35.66 To 9999. %



15

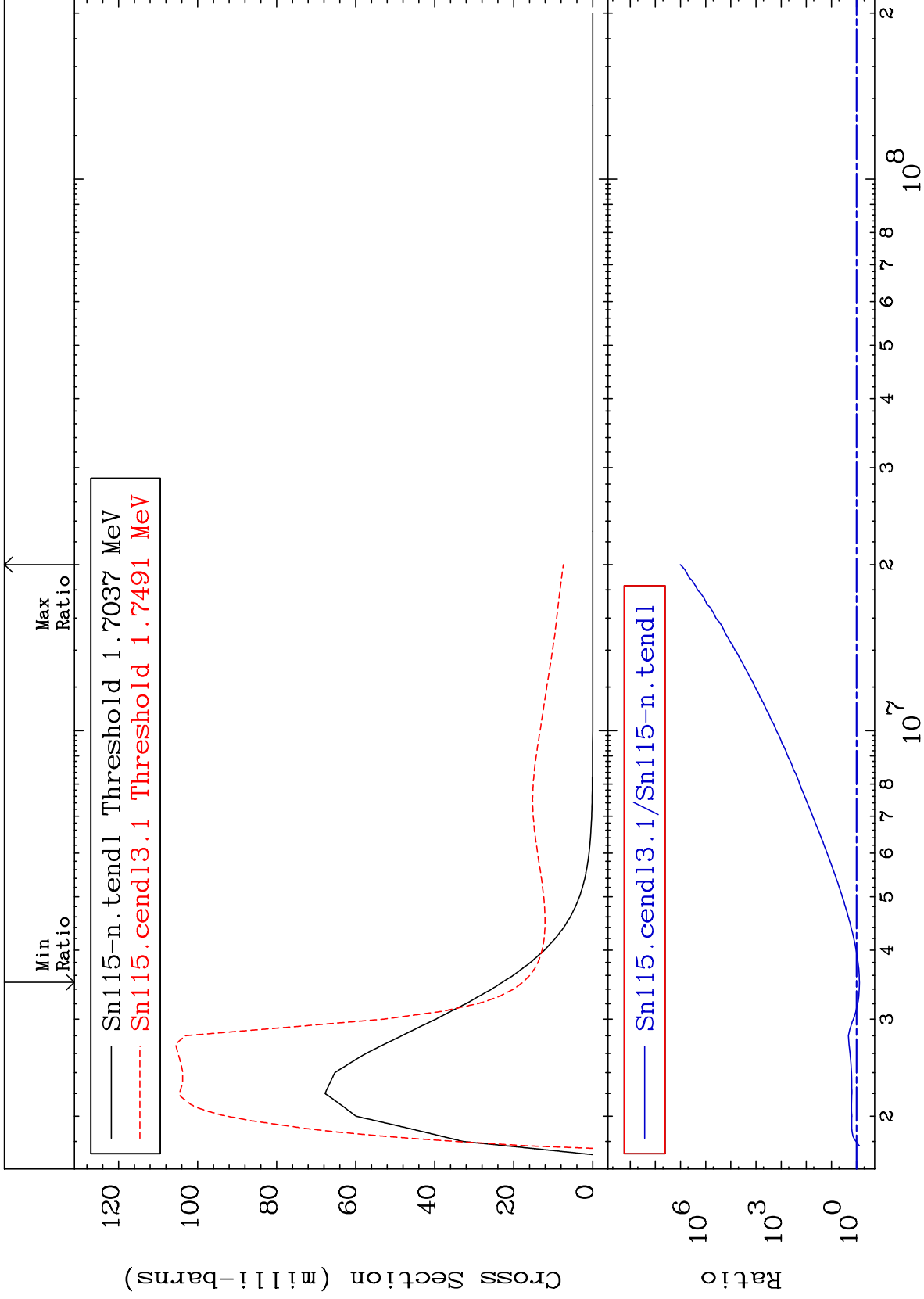
Incident Energy (eV)

50-Sn-115

MAT 5034

1.689 MeV (n,n') Level
Cross Section

50-Sn-115
-22.89 To 9999. %



16

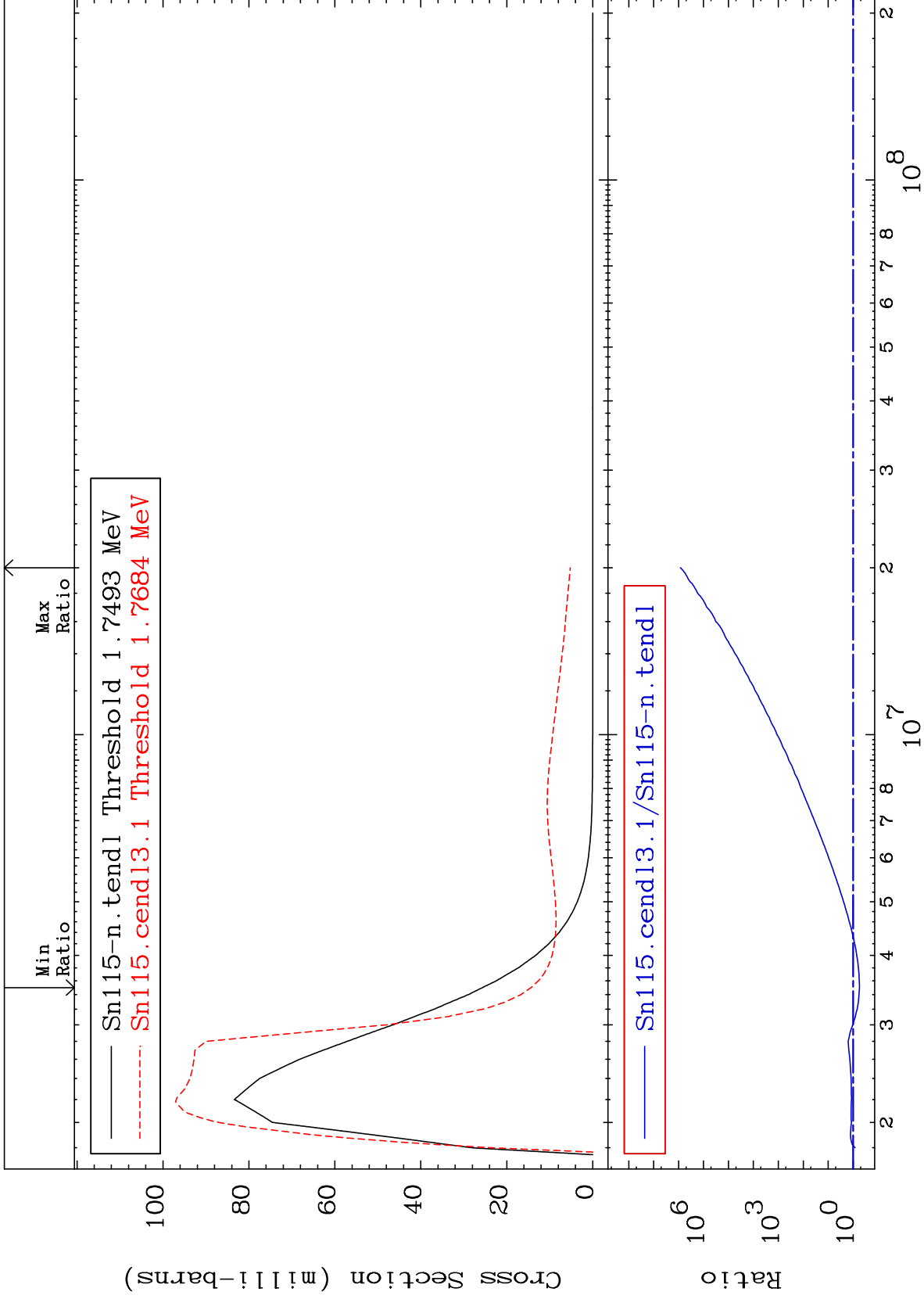
Incident Energy (eV)

50-Sn-115

MAT 5034

1.734 MeV (n,n') Level
Cross Section

50-Sn-115
-44.20 To 9999. %



17

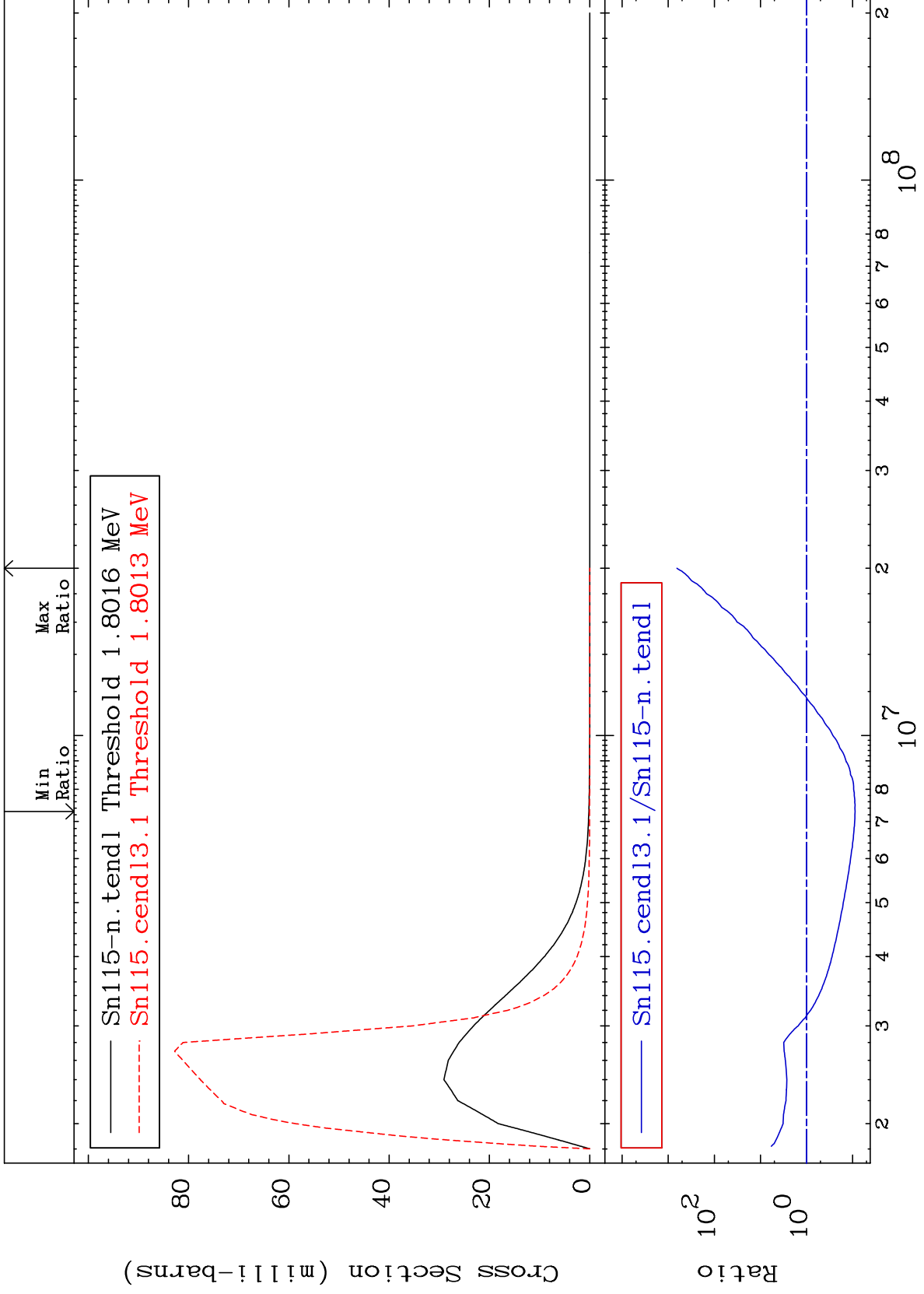
Incident Energy (eV)

50-Sn-115

MAT 5034

1.786 MeV (n,n') Level
Cross Section

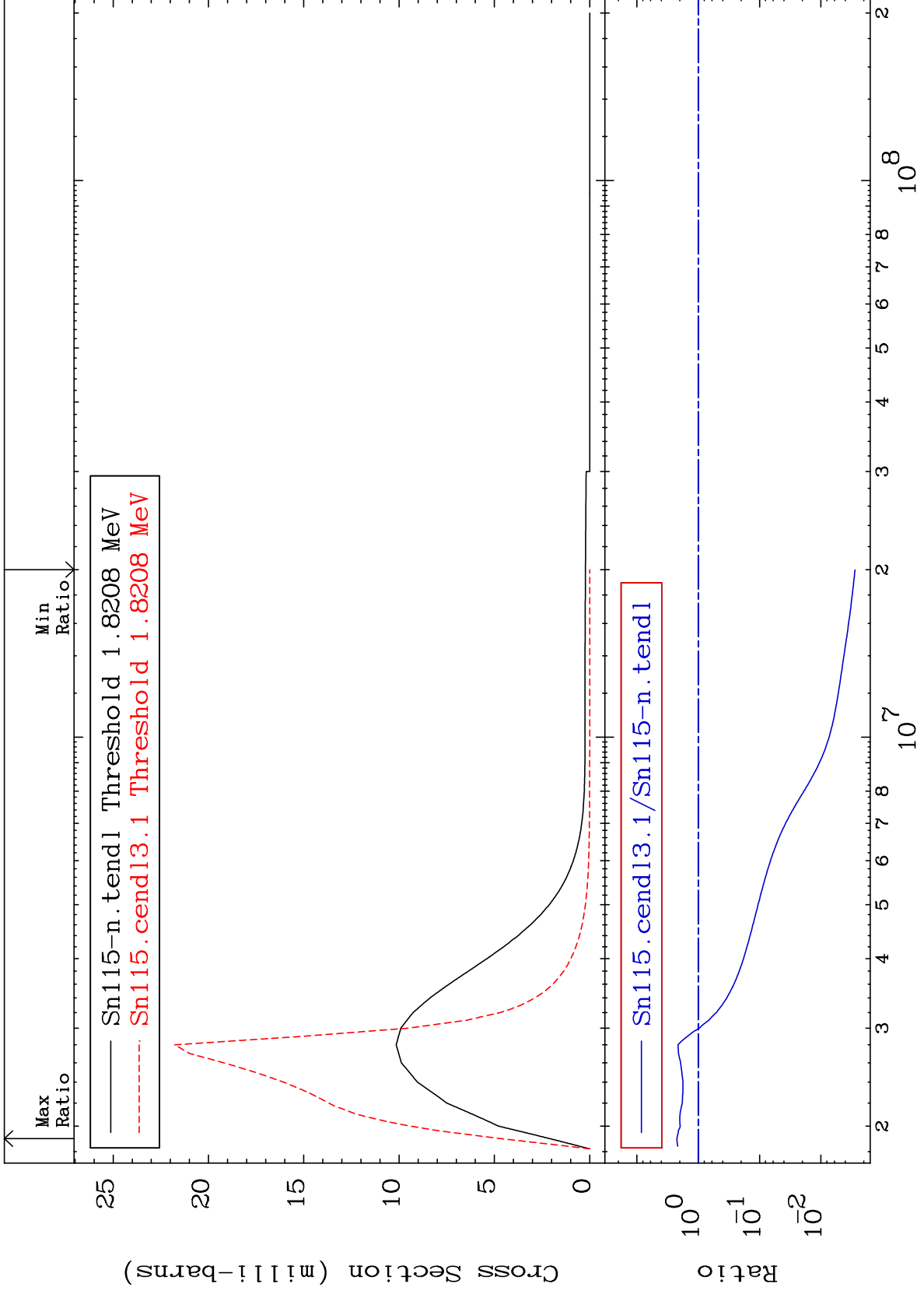
50-Sn-115
-91.15 To 9999. %



MAT 5034

1.805 MeV (n,n') Level
Cross Section

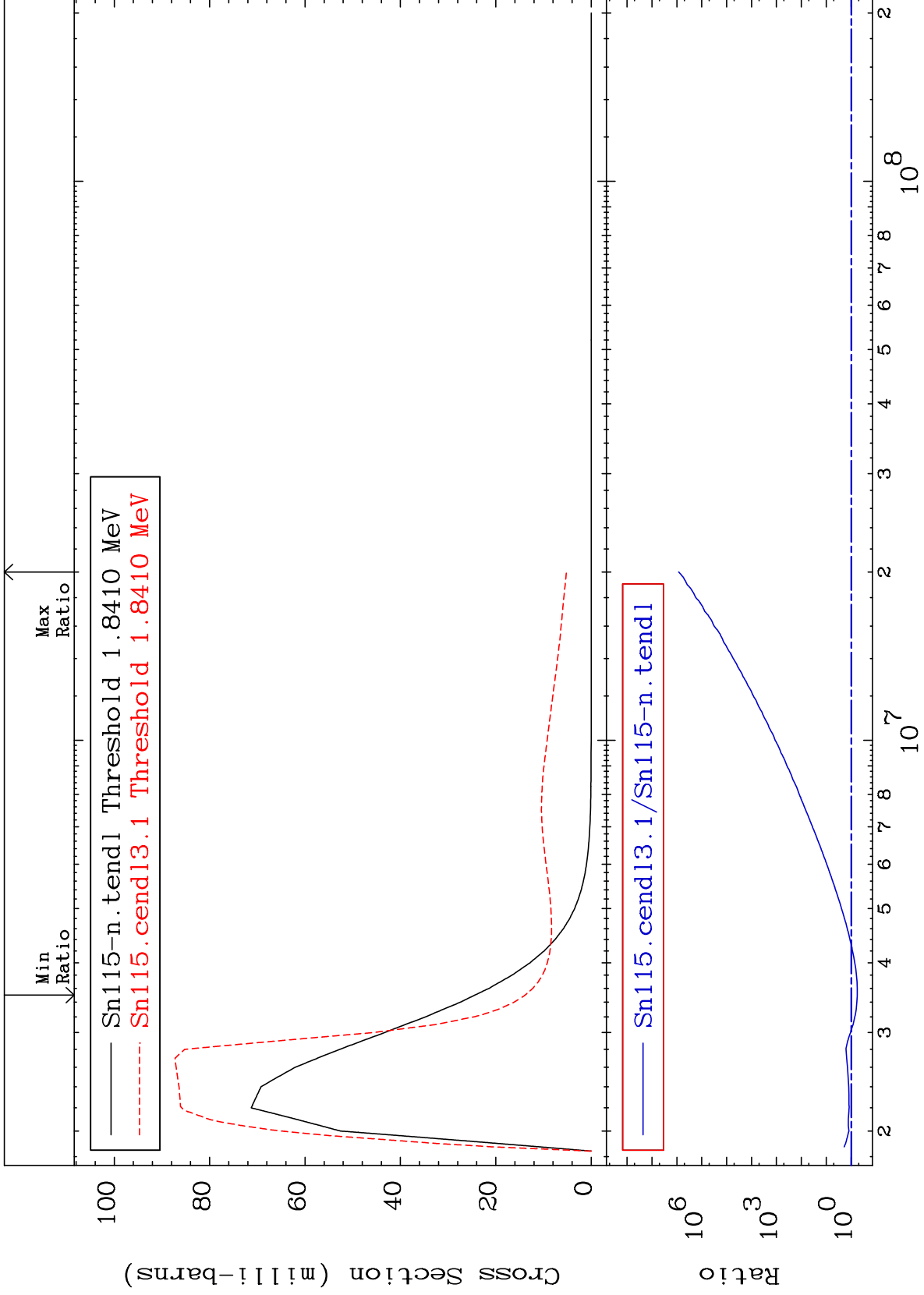
50-Sn-115
-99.72 To 122.7 %



MAT 5034

1.825 MeV (n,n') Level
Cross Section

50-Sn-115
-43.29 To 9999. %



20

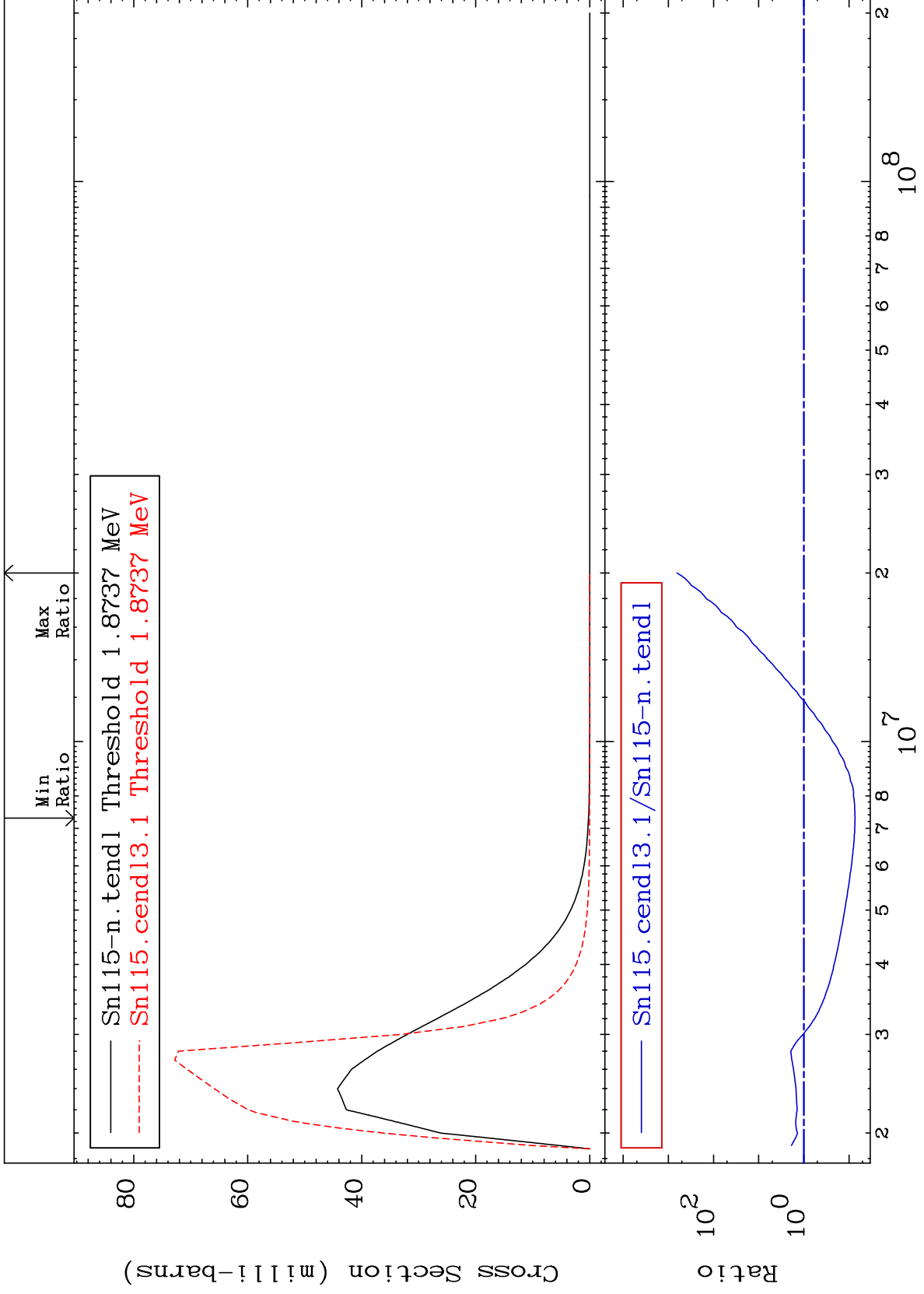
Incident Energy (eV)

50-Sn-115

MAT 5034

1.857 MeV (n,n') Level
Cross Section

50-Sn-115
-92.67 To 9999. %



21

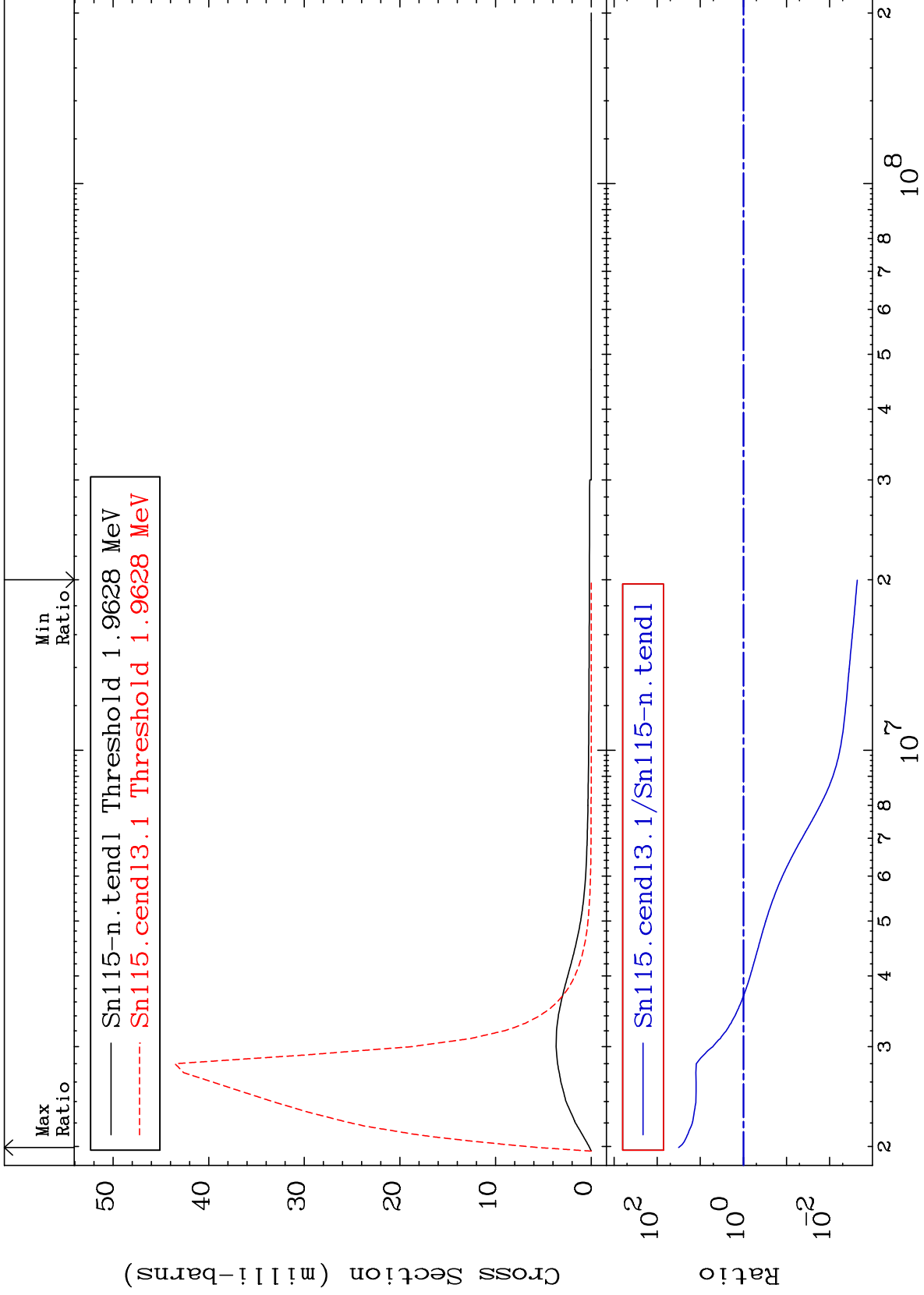
Incident Energy (eV)

50-Sn-115

MAT 5034

1.946 MeV (n,n') Level
Cross Section

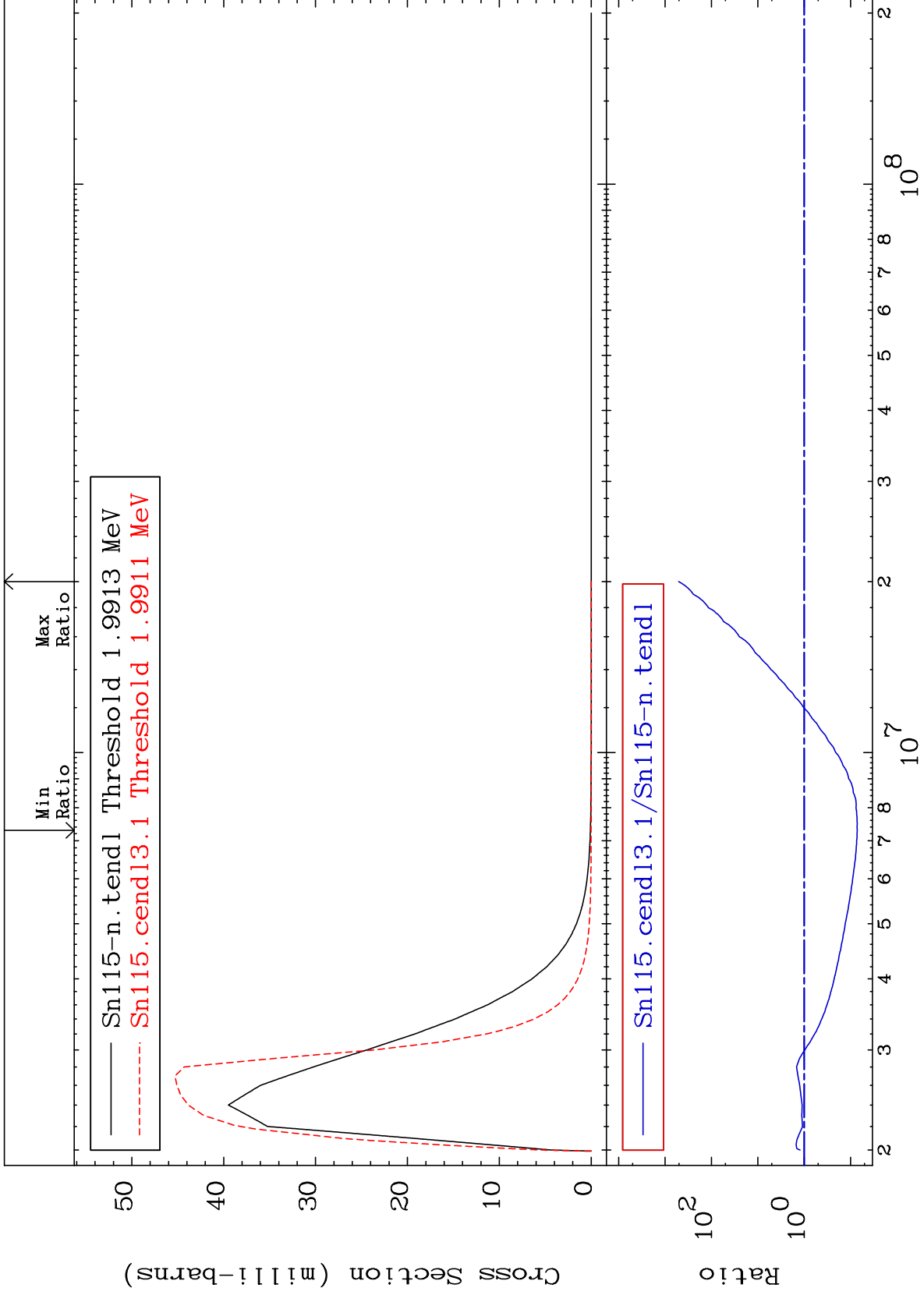
50-Sn-115
-99.77 To 3083. %



MAT 5034

1.974 MeV (n,n') Level
Cross Section

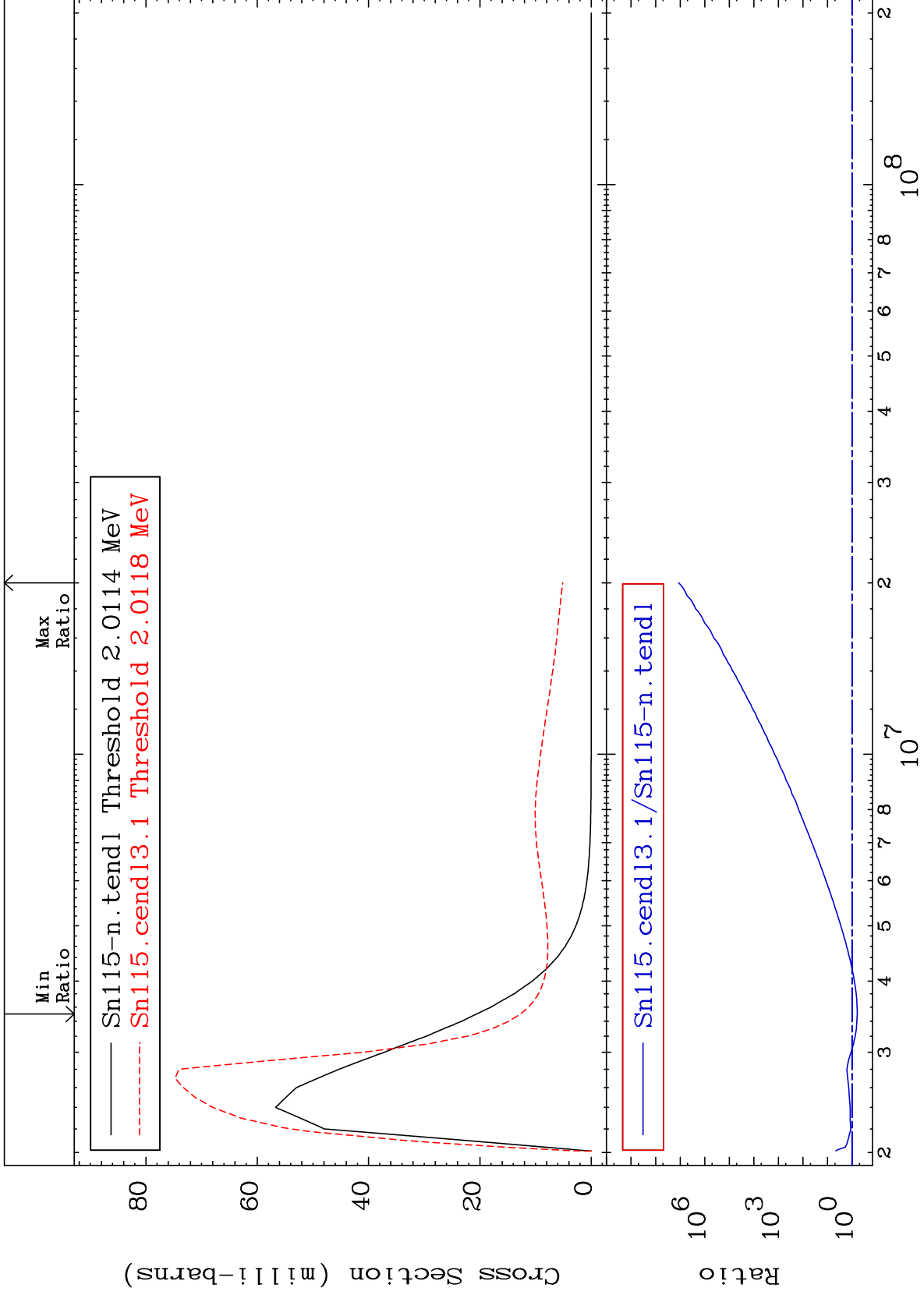
50-Sn-115
-92.80 To 9999. %



MAT 5034

1.994 MeV (n,n') Level
Cross Section

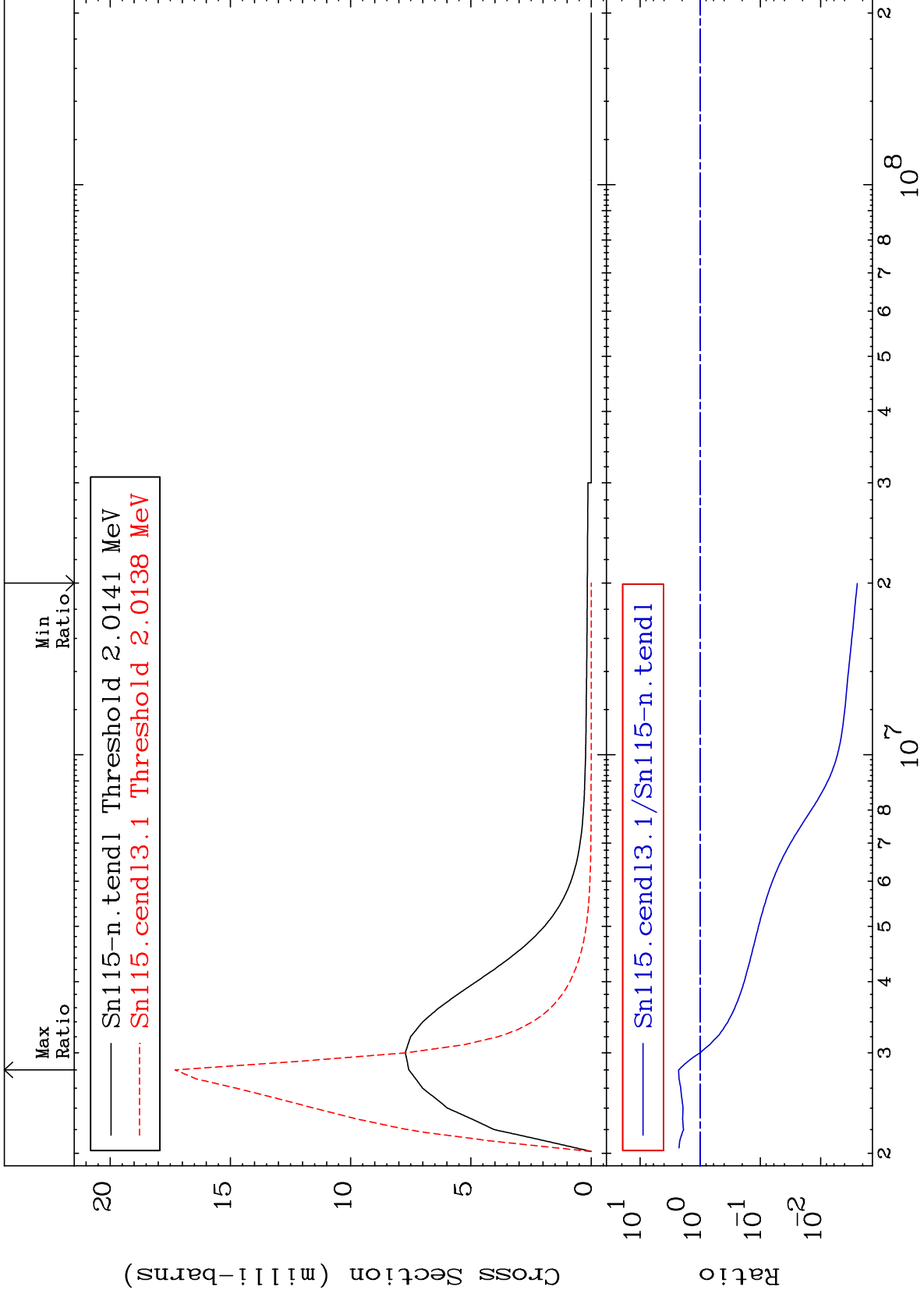
50-Sn-115
-38.39 To 9999. %



MAT 5034

1.997 MeV (n,n') Level
Cross Section

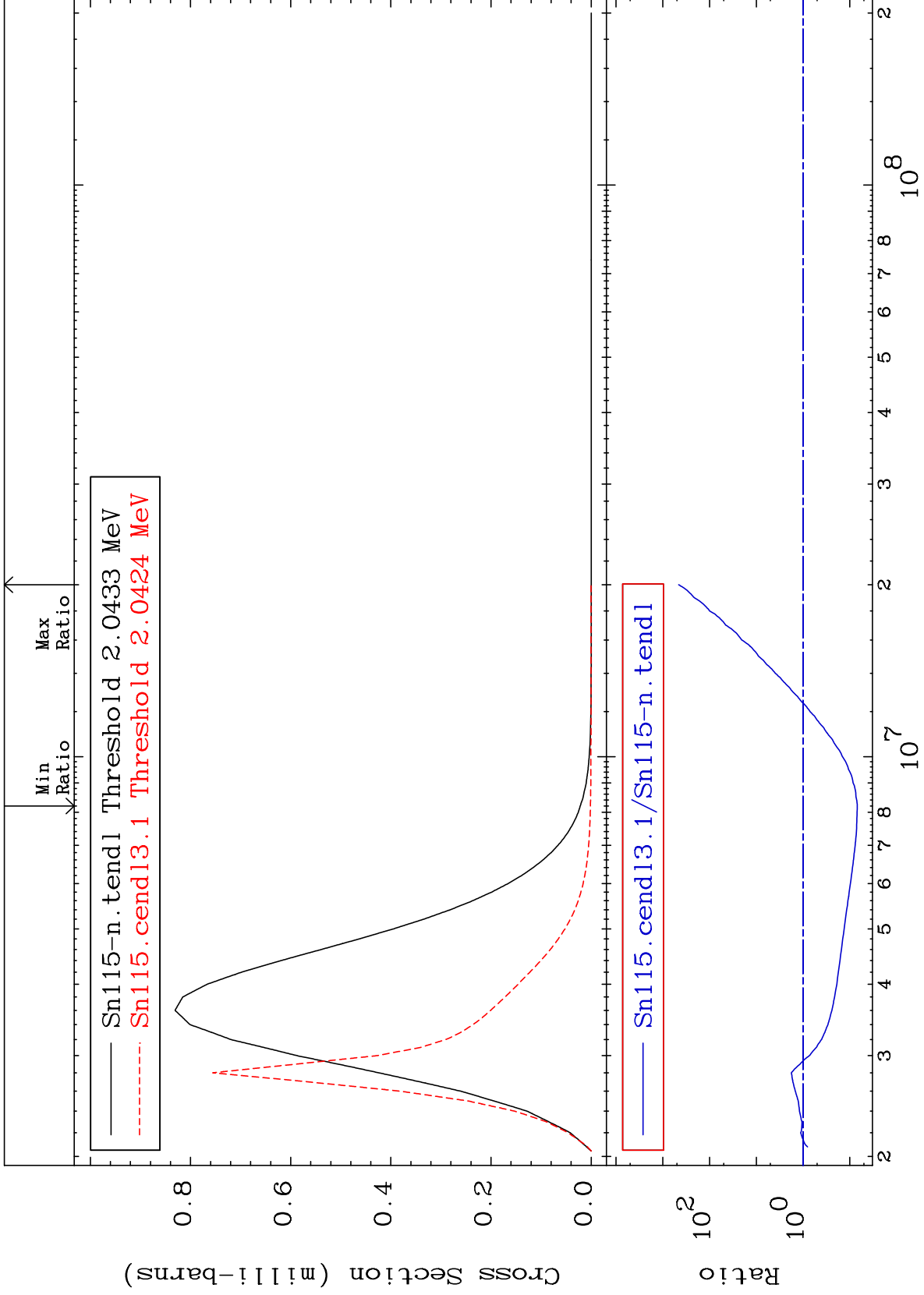
50-Sn-115
-99.75 To 128.3 %



MAT 5034

2.025 MeV (n,n') Level
Cross Section

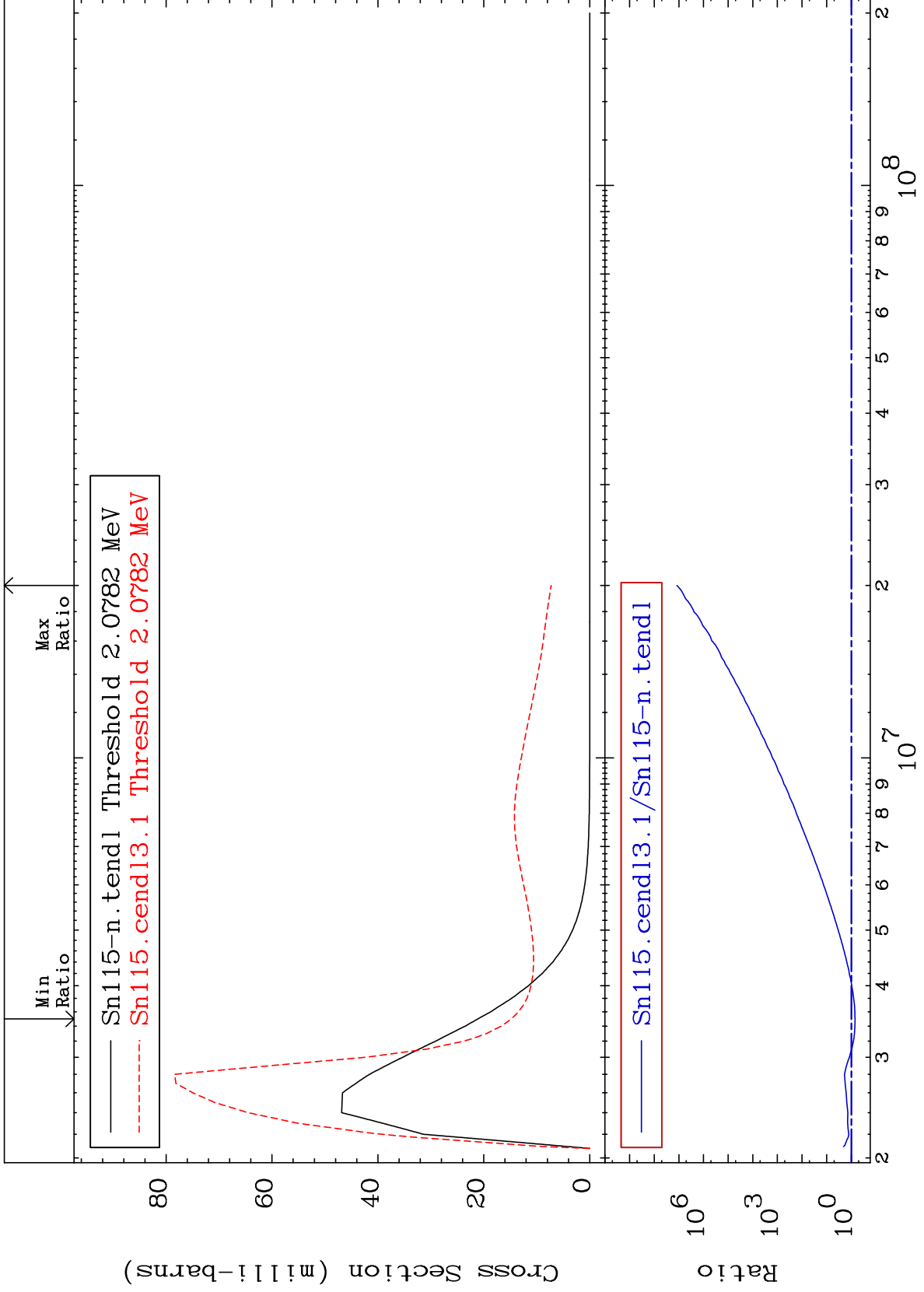
50-Sn-115
-93.07 To 9999. %



MAT 5034

2.060 MeV (n,n') Level
Cross Section

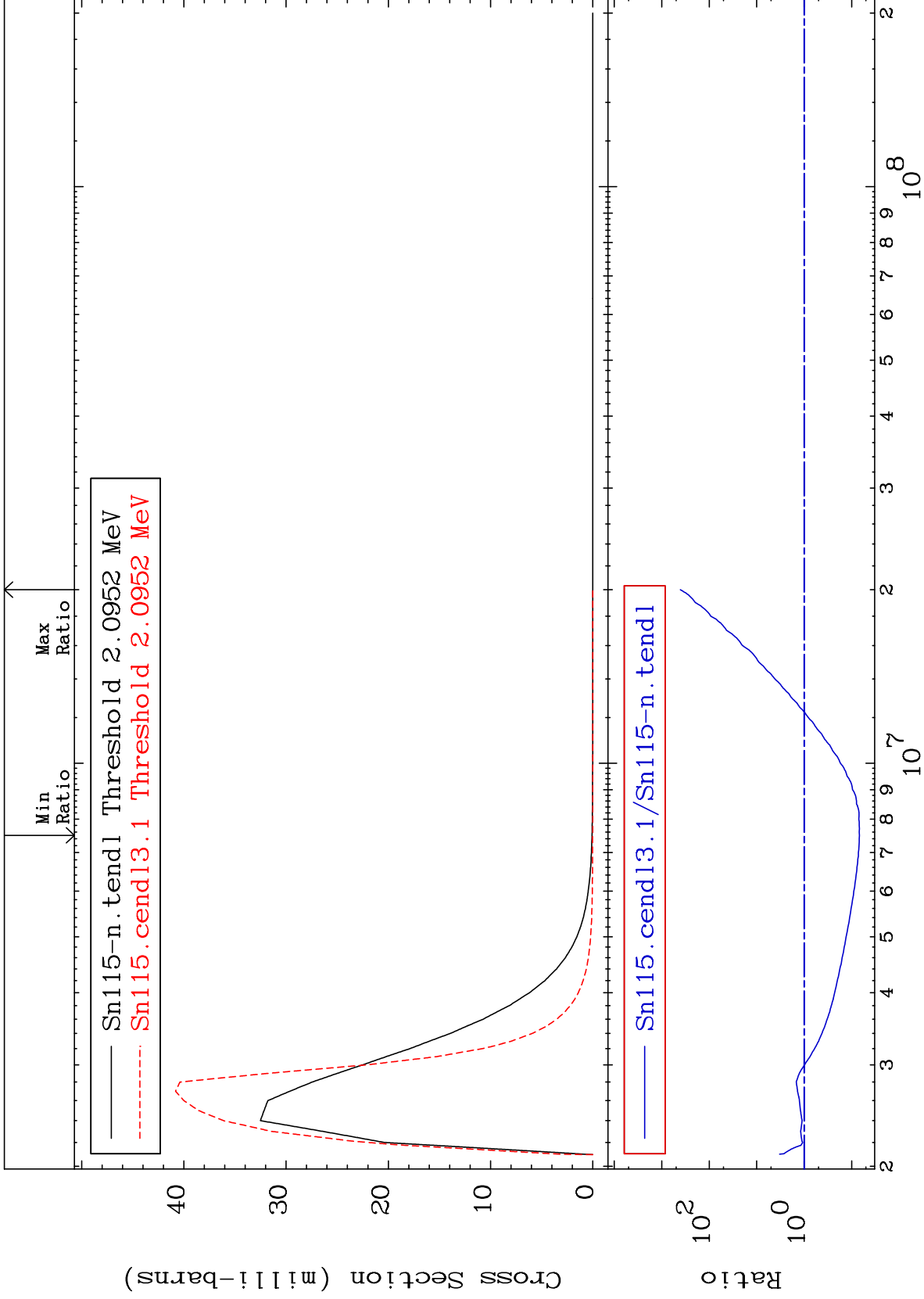
50-Sn-115
-29.99 To 9999. %



MAT 5034

2.077 MeV (n,n') Level
Cross Section

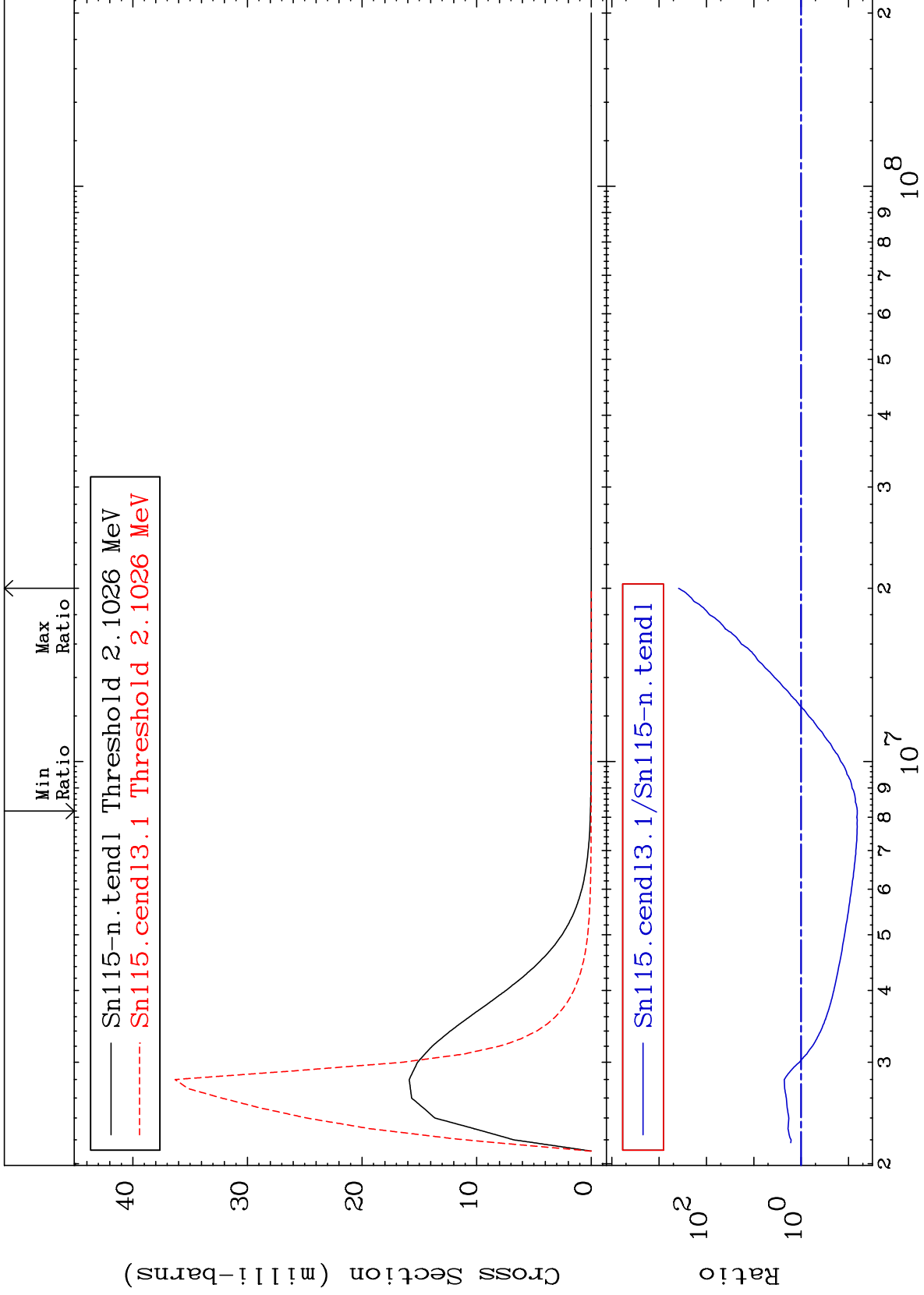
50-Sn-115
-93.14 To 9999. %



MAT 5034

2.084 MeV (n,n') Level
Cross Section

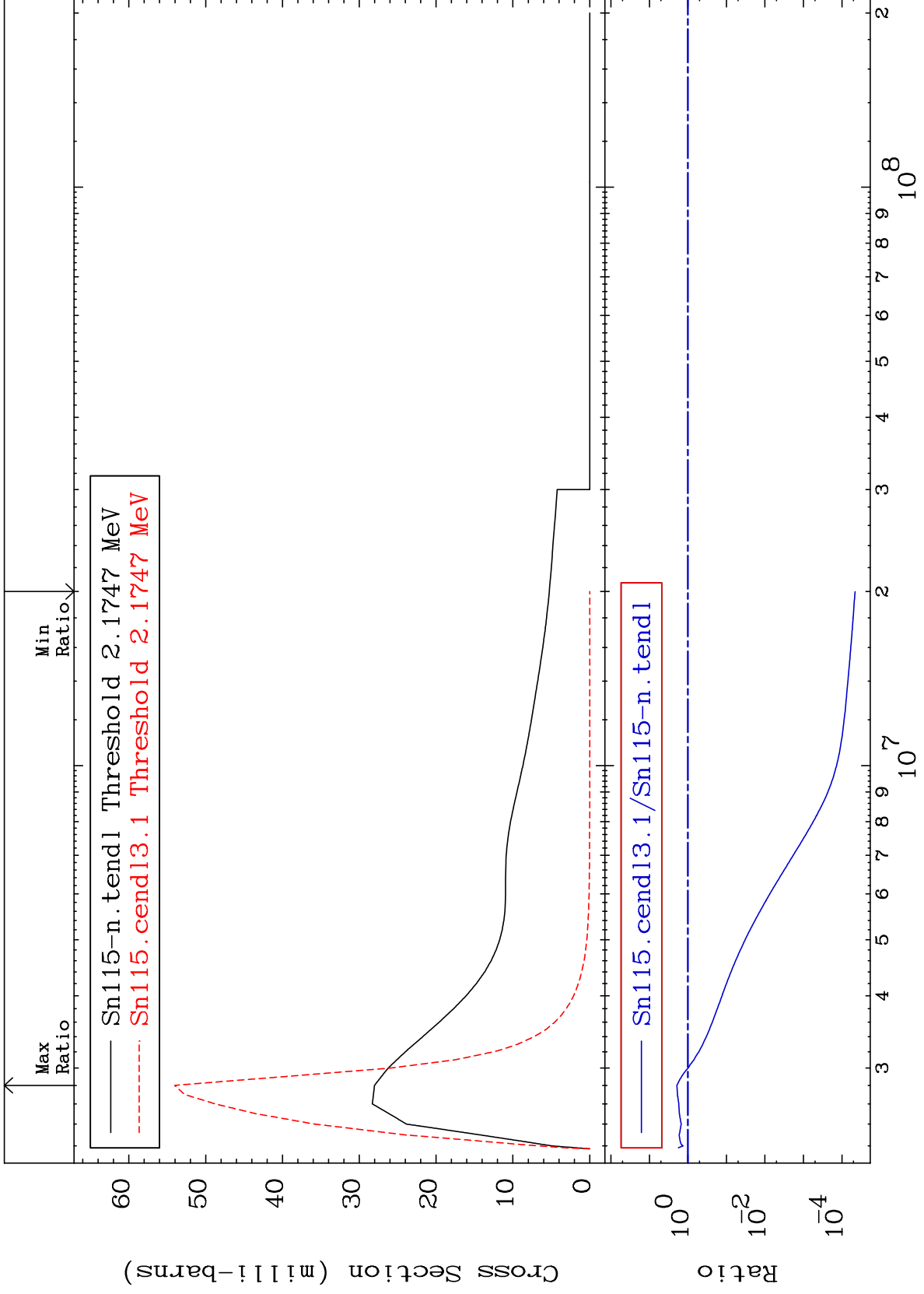
50-Sn-115
-93.46 To 9999. %



MAT 5034

2.156 MeV (n,n') Level
Cross Section

50-Sn-115
-100.0 To 92.91 %



30

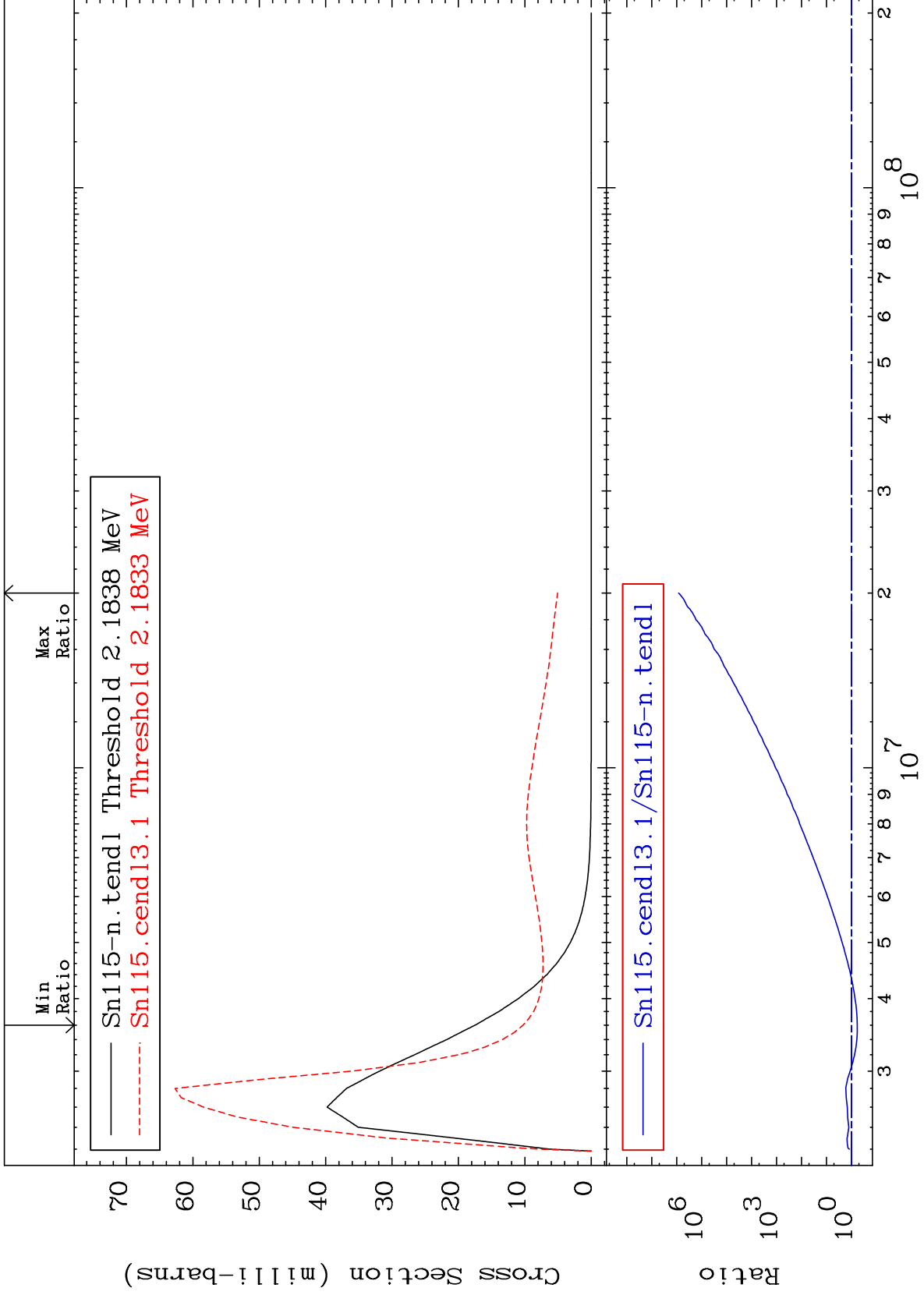
Incident Energy (eV)

50-Sn-115

MAT 5034

2.165 MeV (n,n') Level
Cross Section

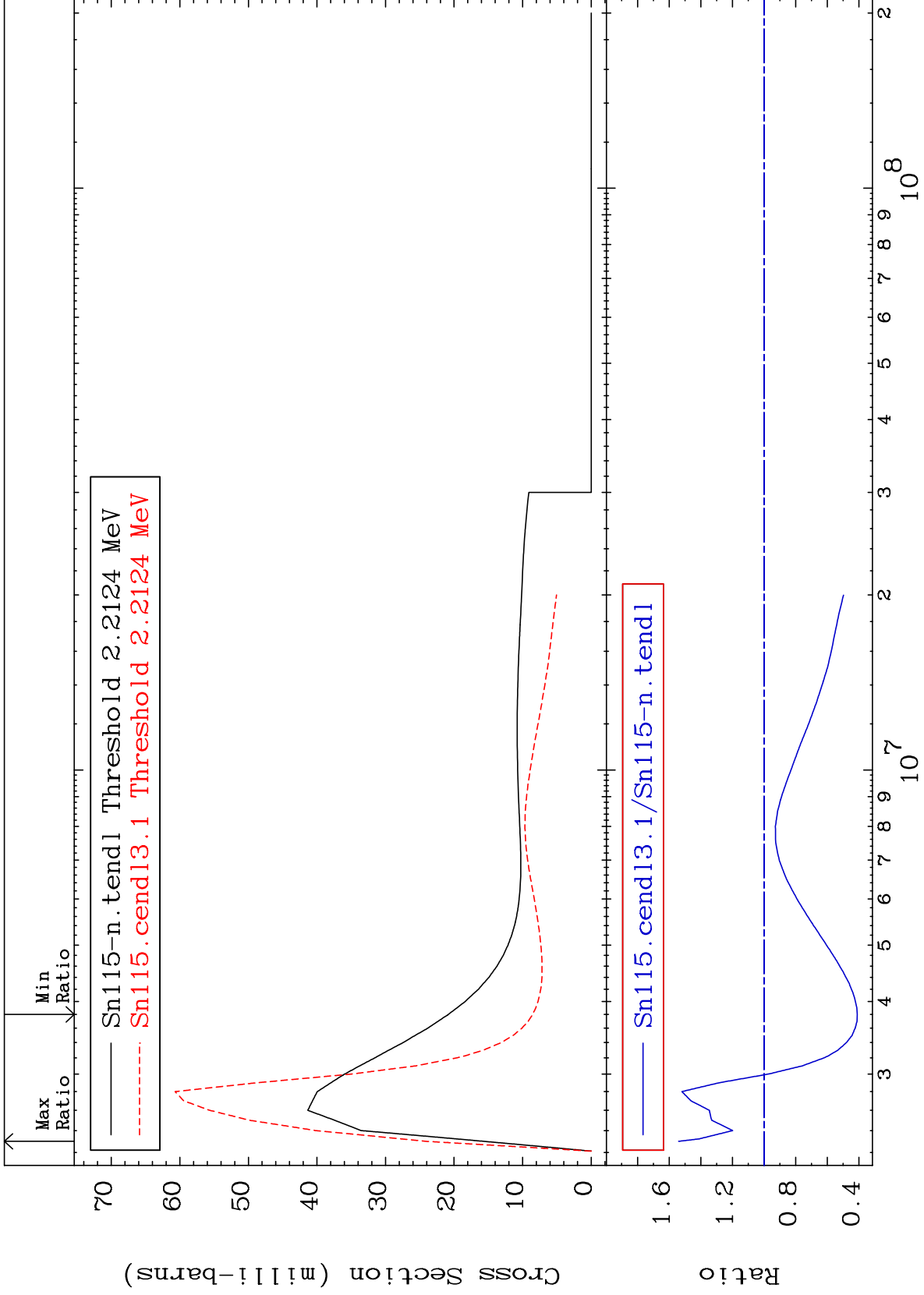
50-Sn-115
-41.31 To 9999. %



MAT 5034

2.193 MeV (n,n') Level
Cross Section

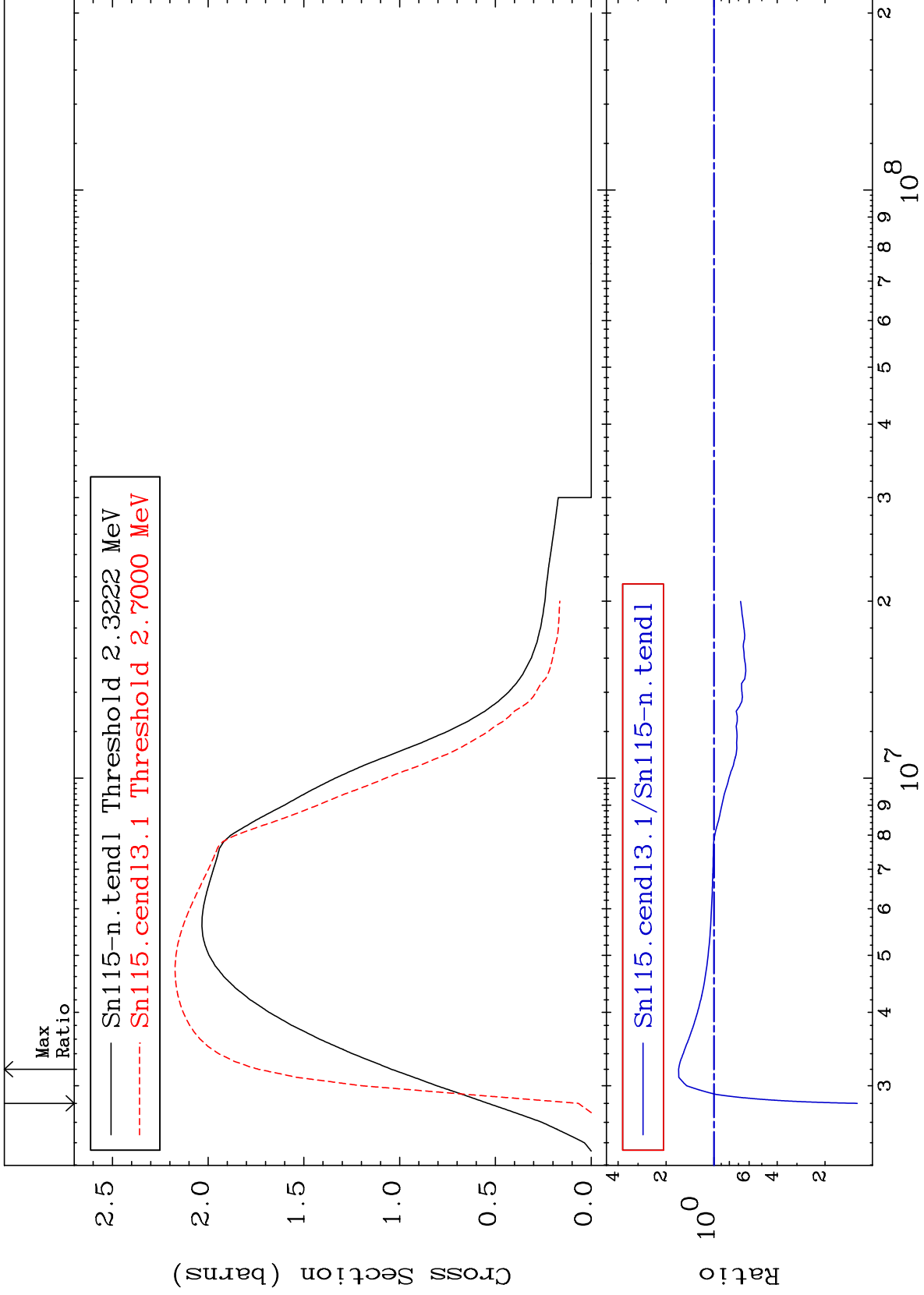
50-Sn-115
-58.95 To 54.00 %



MAT 5034

(n, n') Continuum
Cross Section

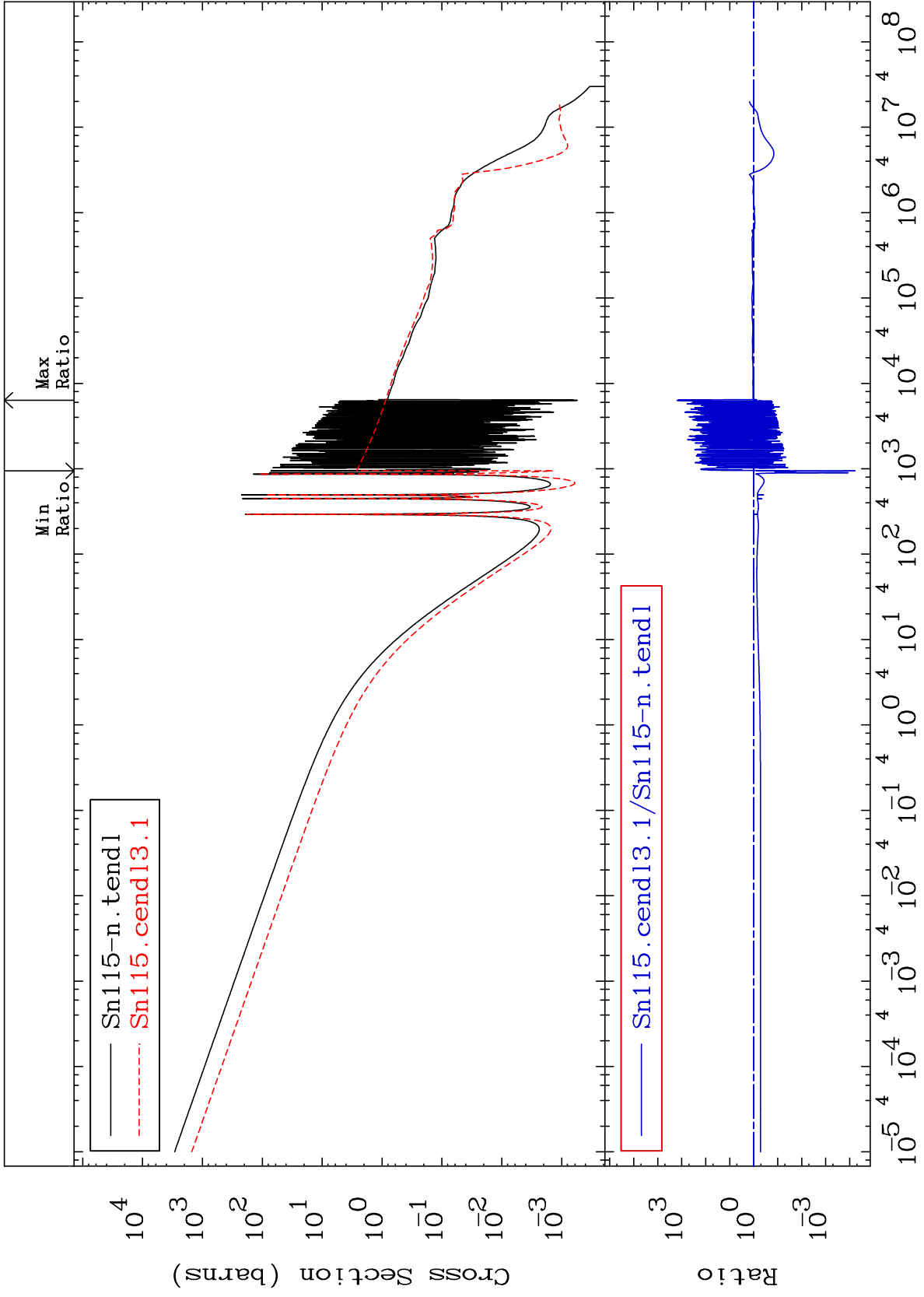
50-Sn-115
-87.47 To 66.57 %



MAT 5034

(n, γ)
Cross Section

50-Sn-115
-99.99 To 9999. %



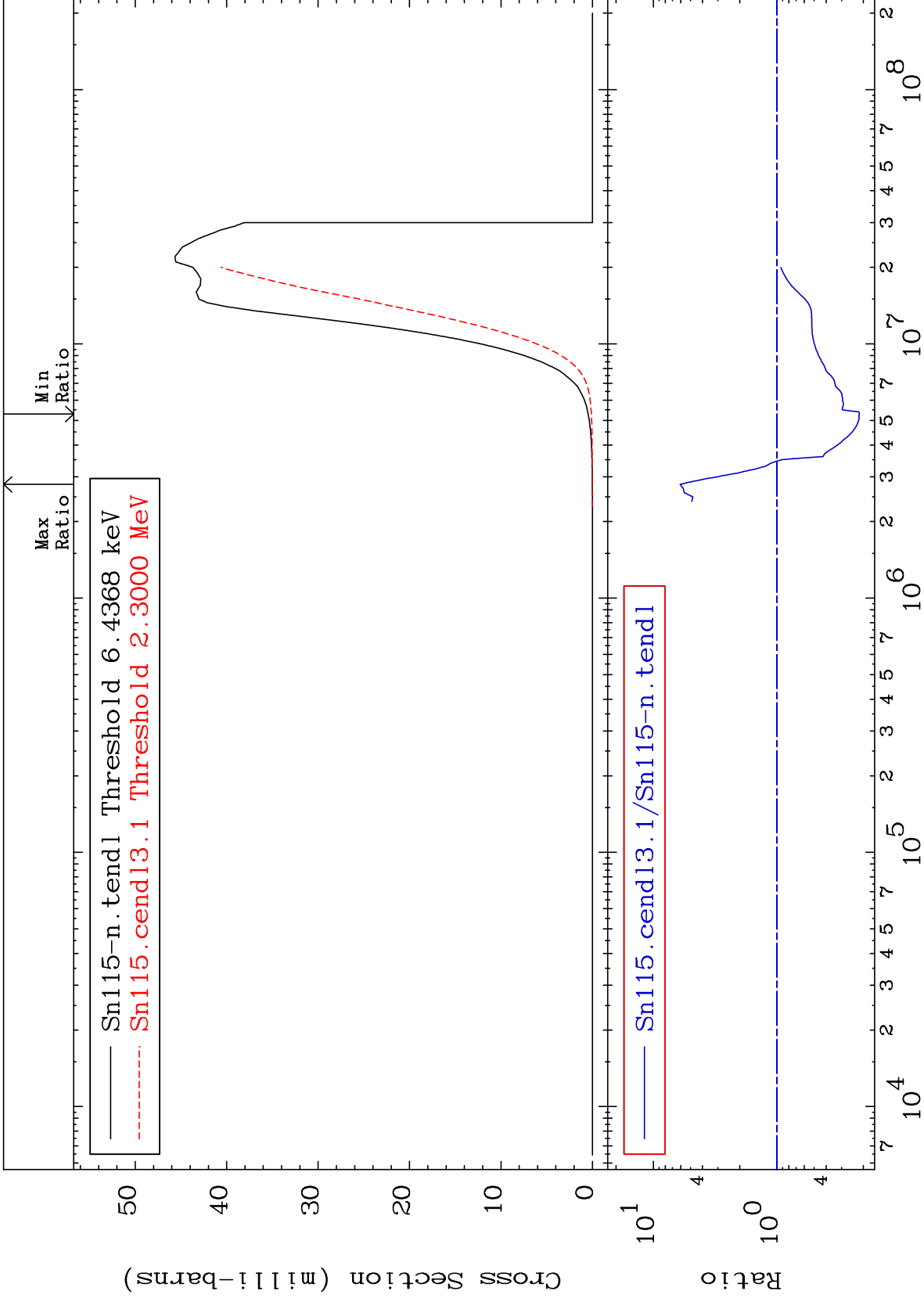
MAT 5034

(n,p)

50-Sn-115

Cross Section

-78.46 To 506.7 %



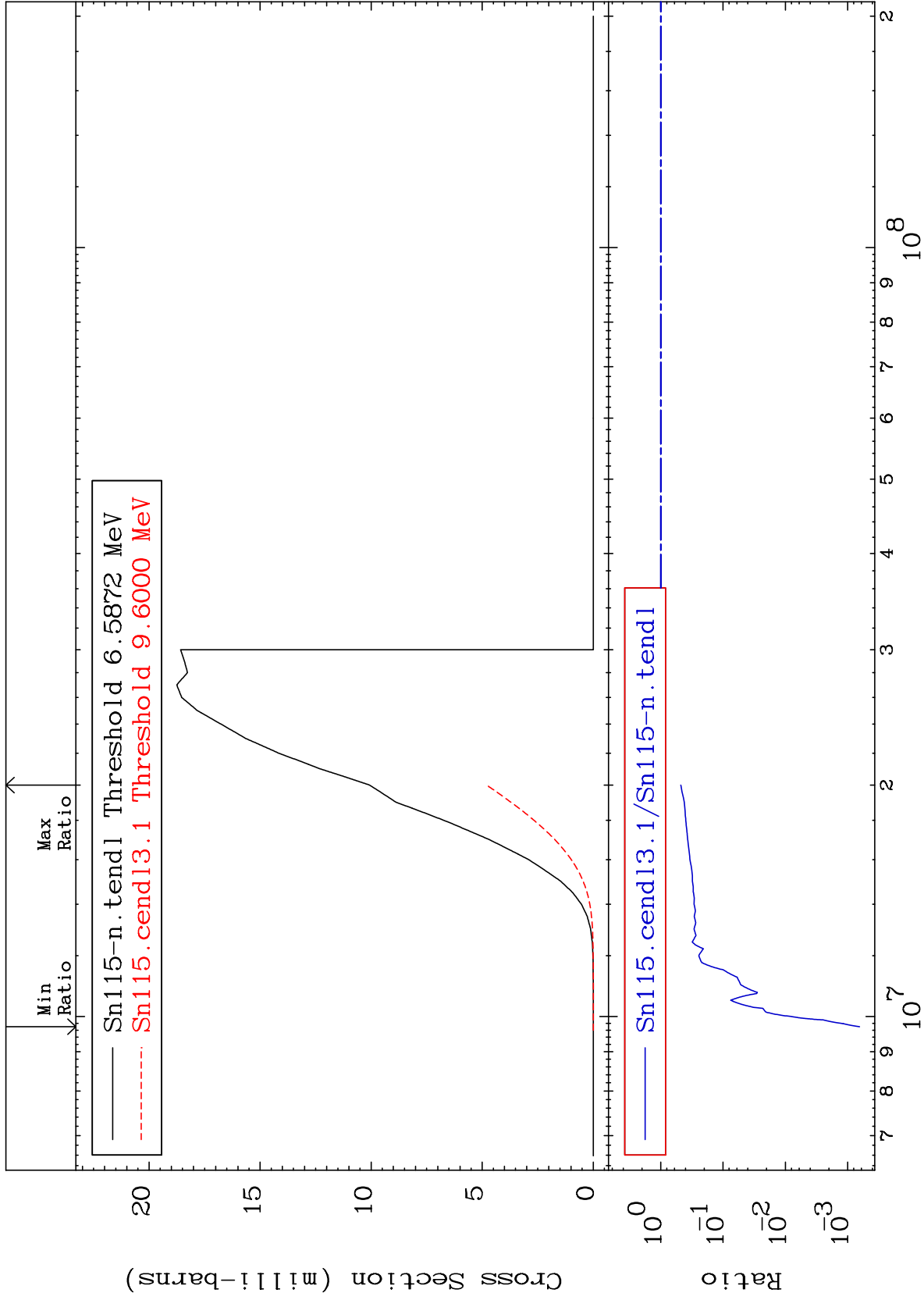
MAT 5034

(n, d)

50-Sn-115

Cross Section

-99.94 To -52.34%



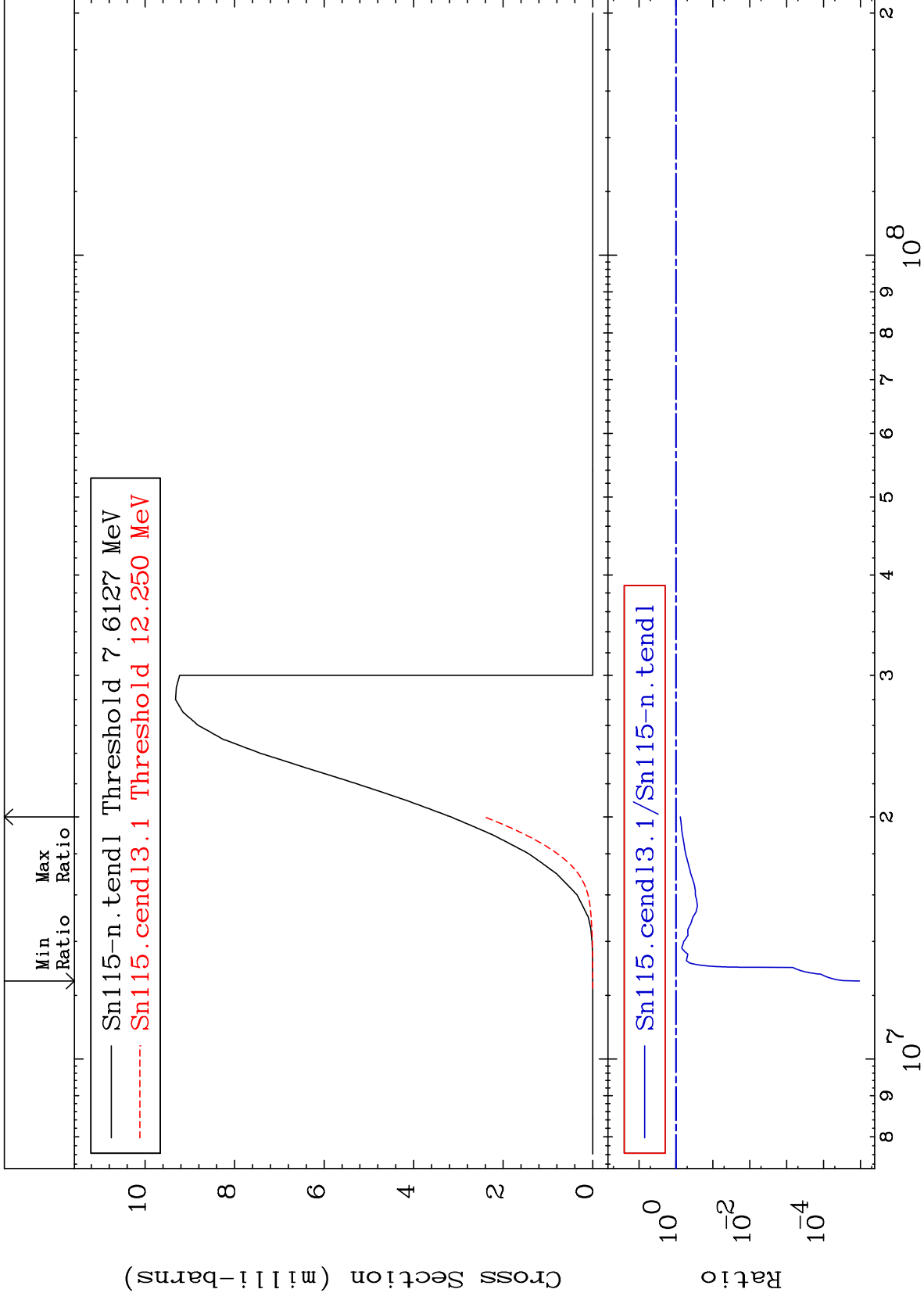
MAT 5034

(n, t)

50-Sn-115

Cross Section

-100.0 To -23.83%



37

Incident Energy (eV)

50-Sn-115

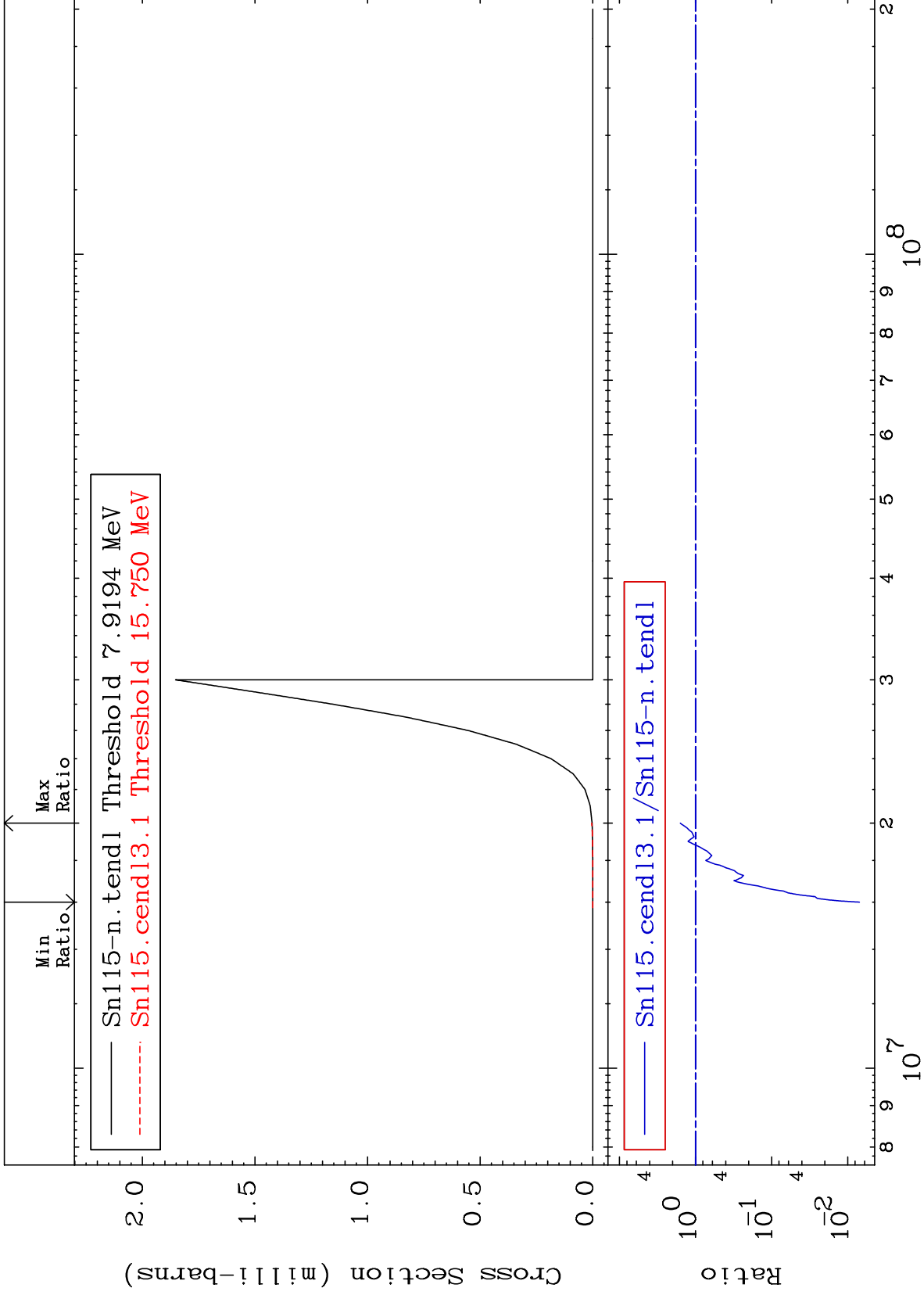
MAT 5034

(n,He-3)

50-Sn-115

Cross Section

-99.30 To 58.39 %



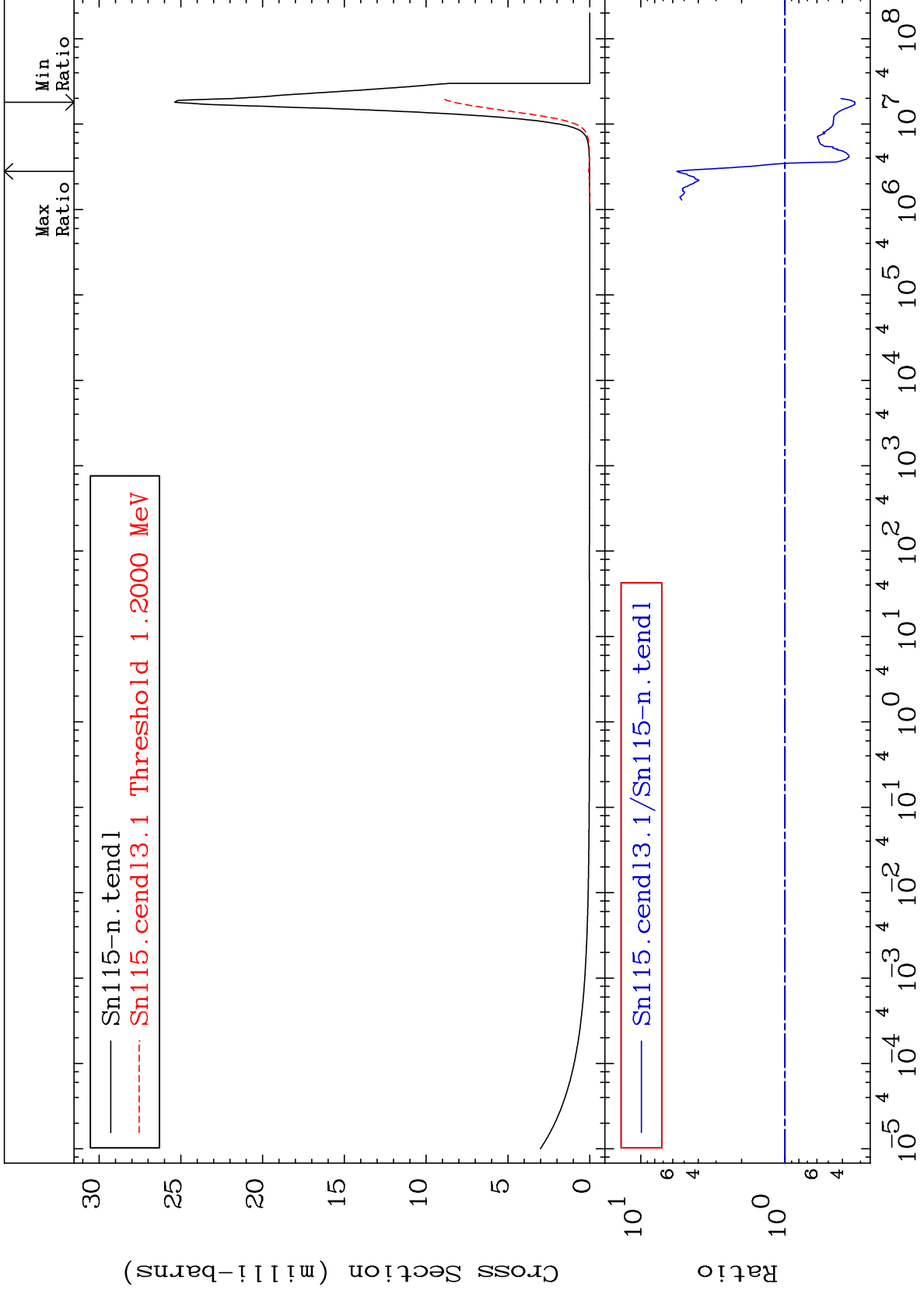
38

50-Sn-115

MAT 5034

(n, α)
Cross Section

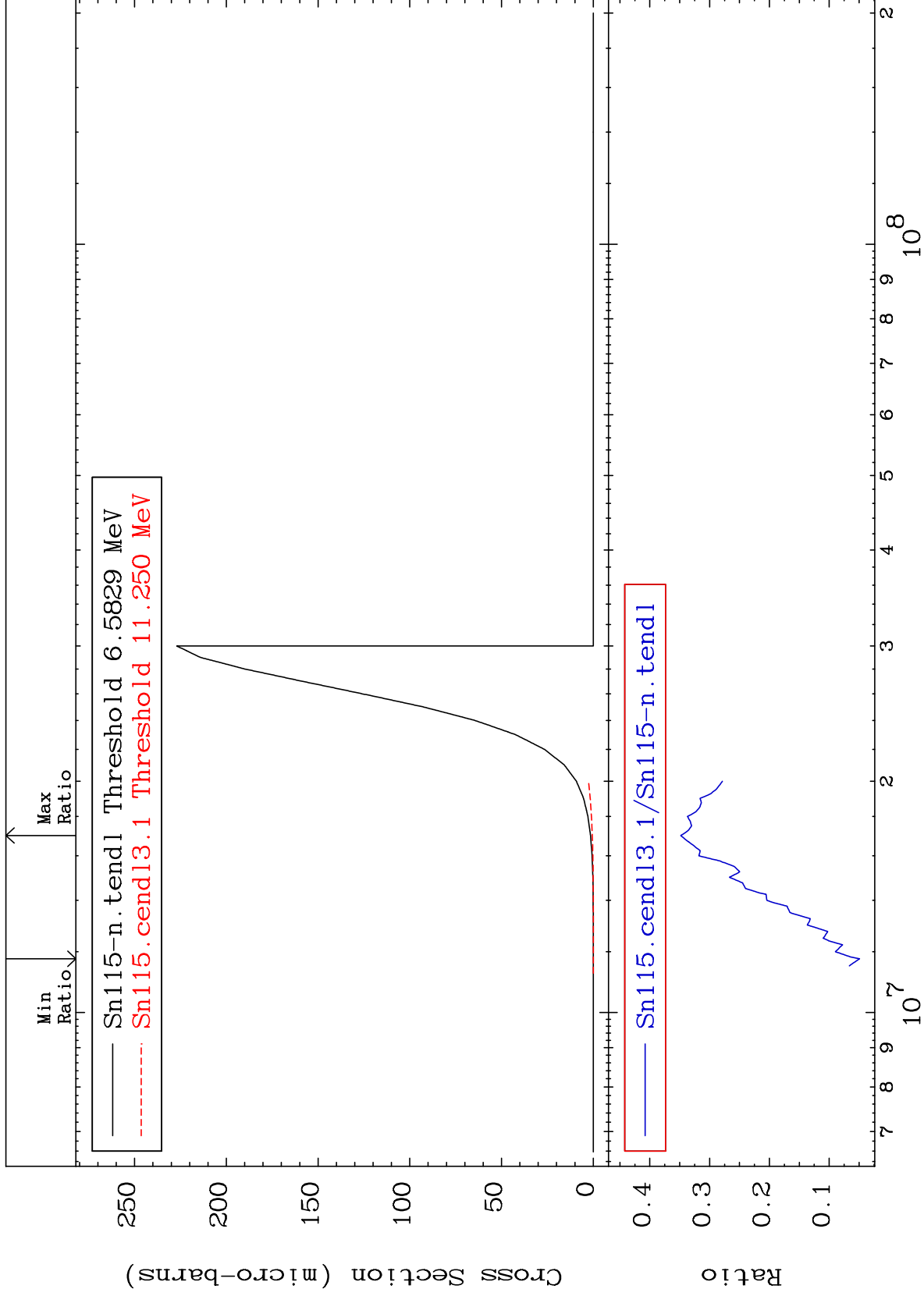
50-Sn-115
-67.36 To 461.4 %



MAT 5034

(n,2p)
Cross Section

50-Sn-115
-95.07 To -65.18%



40

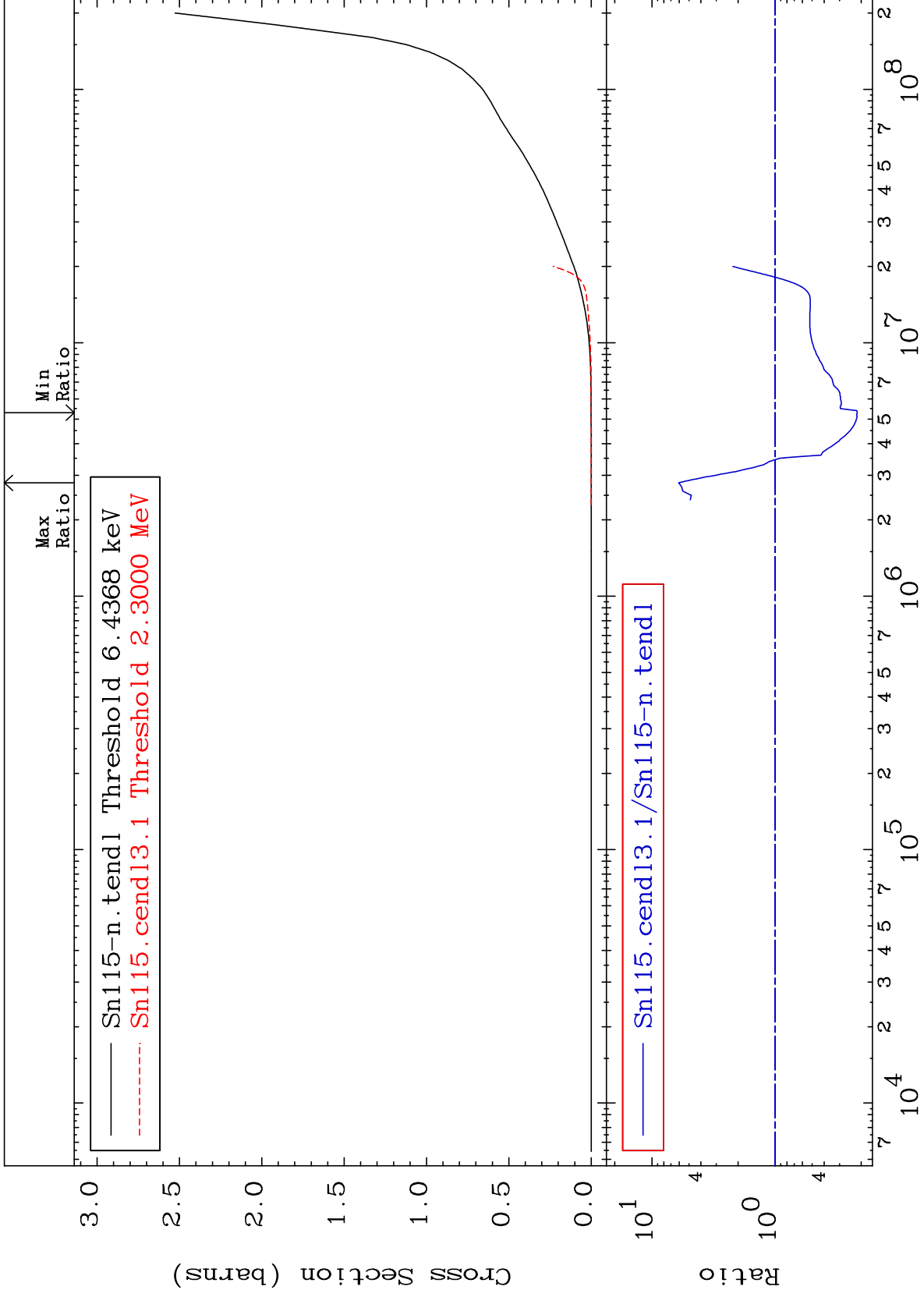
Incident Energy (eV)

50-Sn-115

MAT 5034

Hydrogen Production
Cross Section

50-Sn-115
-78.46 To 506.7 %



41

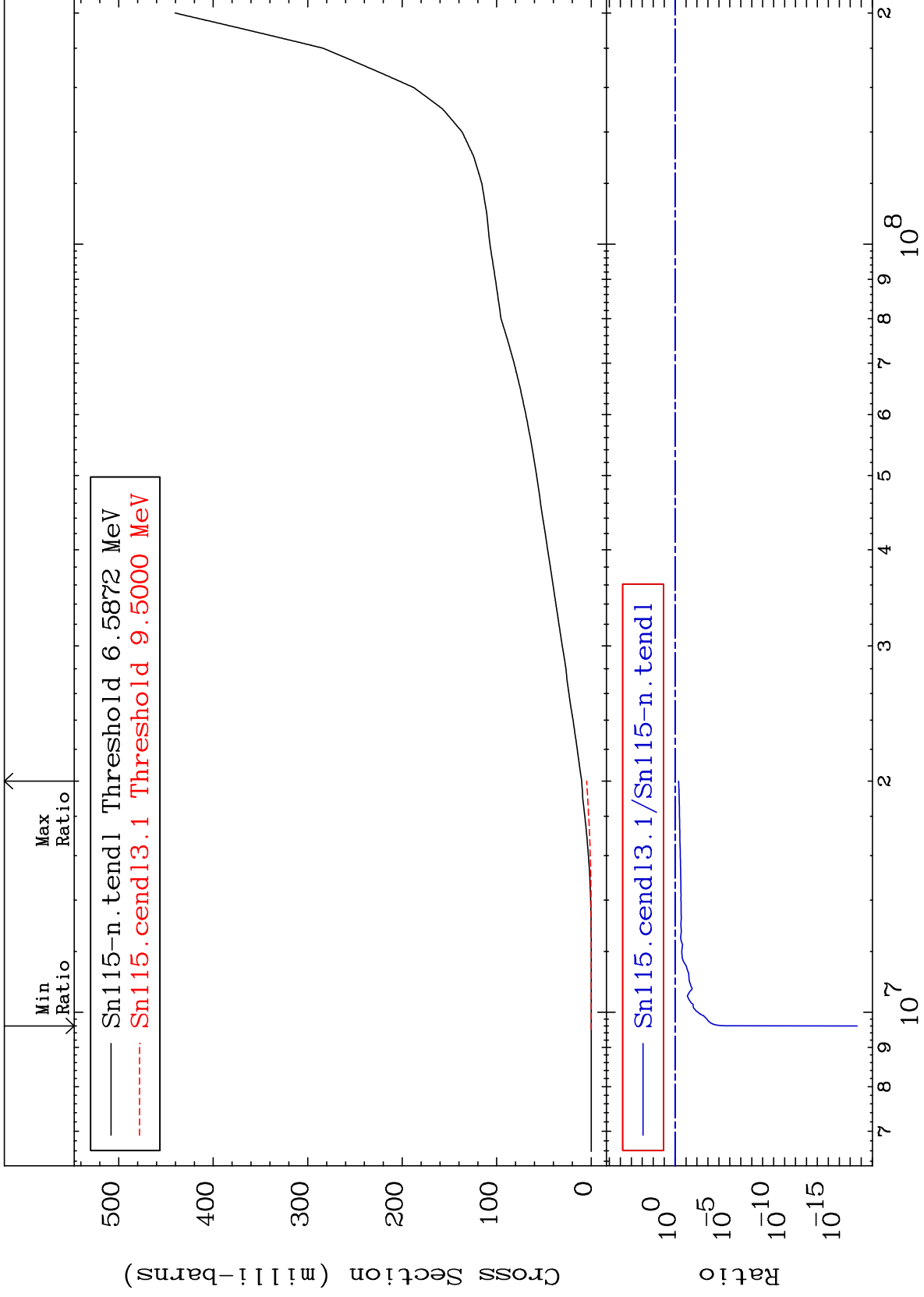
Incident Energy (eV)

50-Sn-115

MAT 5034

Deuterium Production
Cross Section

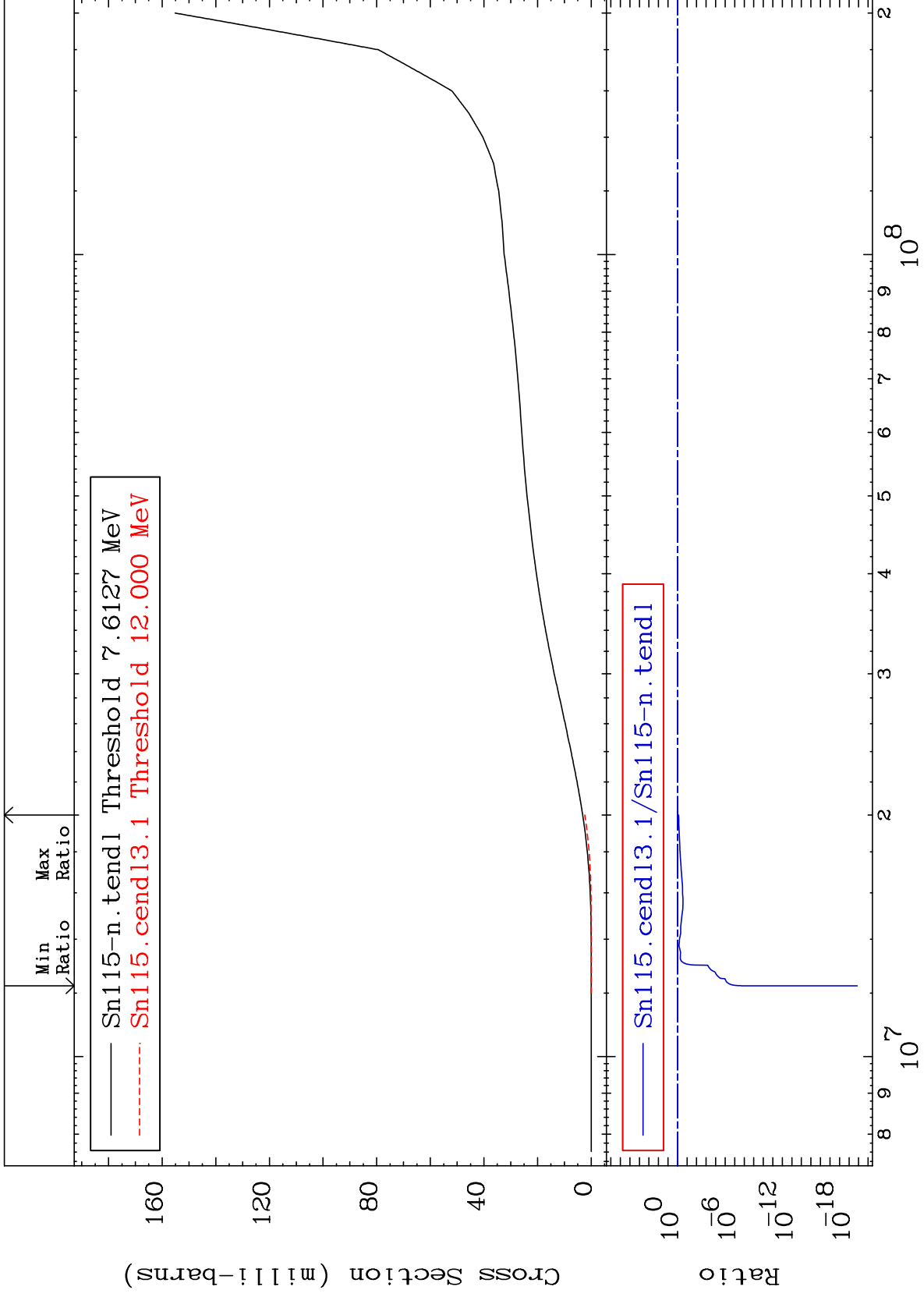
50-Sn-115
-100.0 To -52.57%



MAT 5034

Tritium Production
Cross Section

50-Sn-115
-100.0 To -23.83%



43

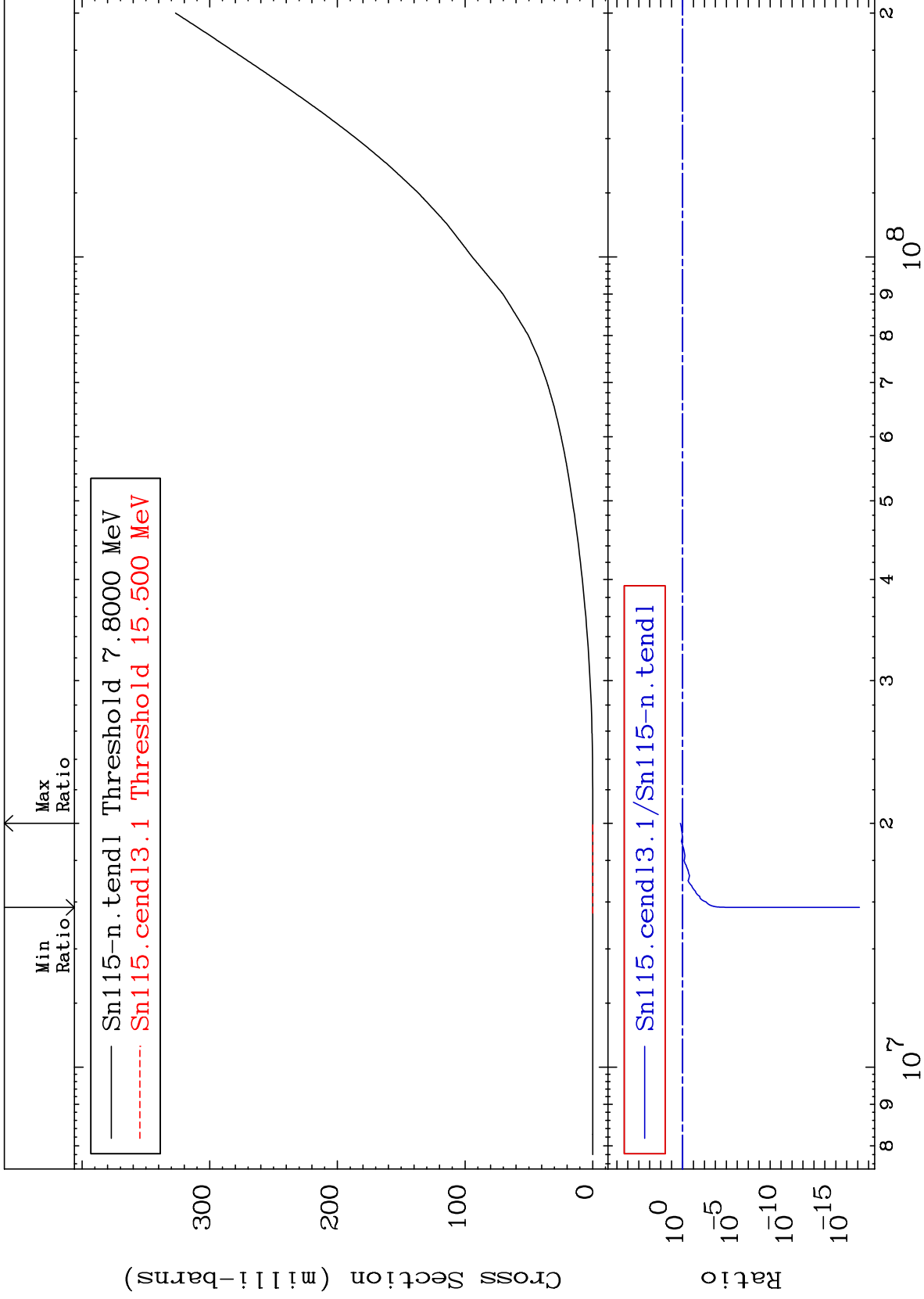
Incident Energy (eV)

50-Sn-115

MAT 5034

He-3 Production
Cross Section

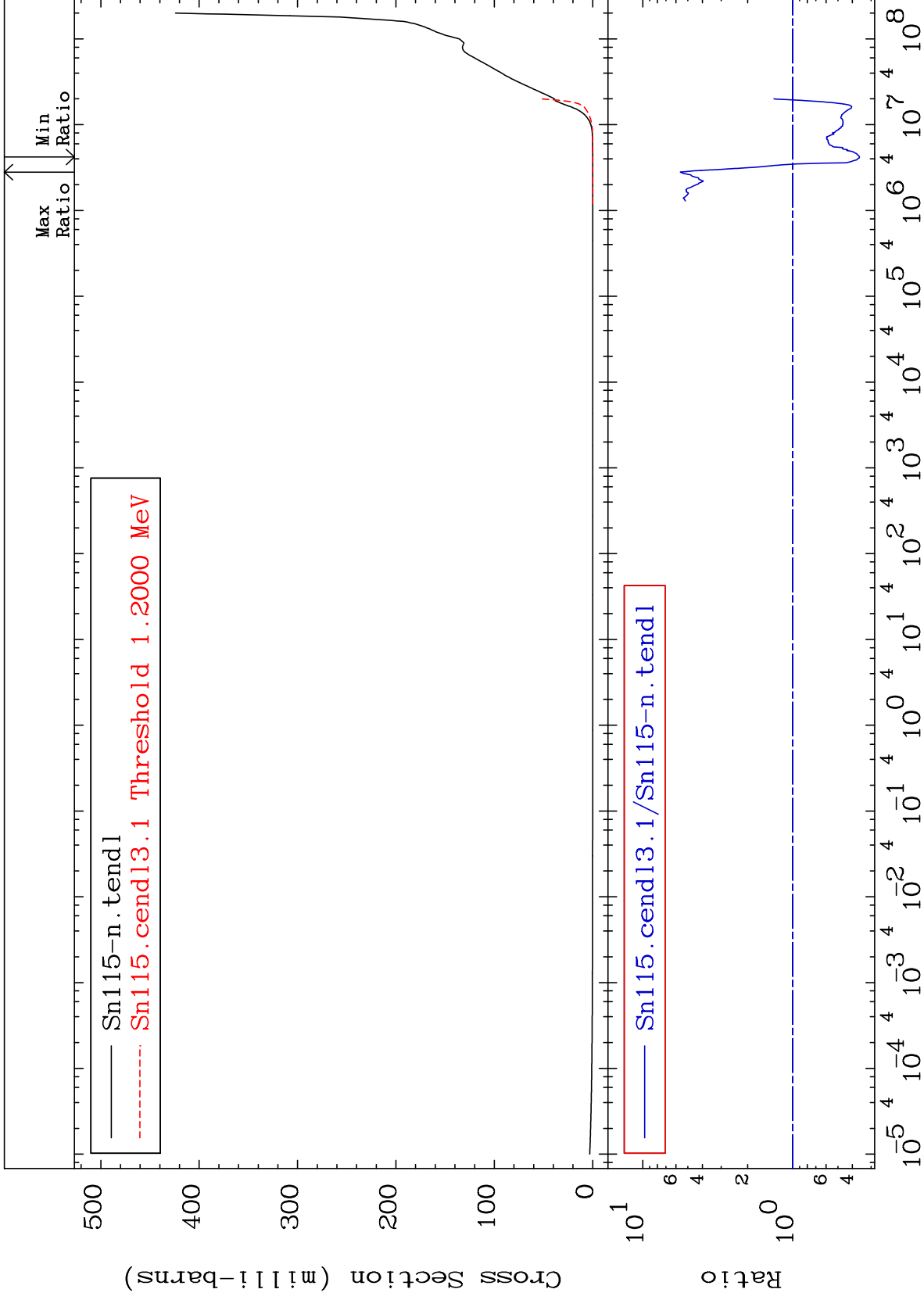
50-Sn-115
-100.0 To 58.39 %



MAT 5034

He-4 Production
Cross Section

50-Sn-115
-64.10 To 461.4 %



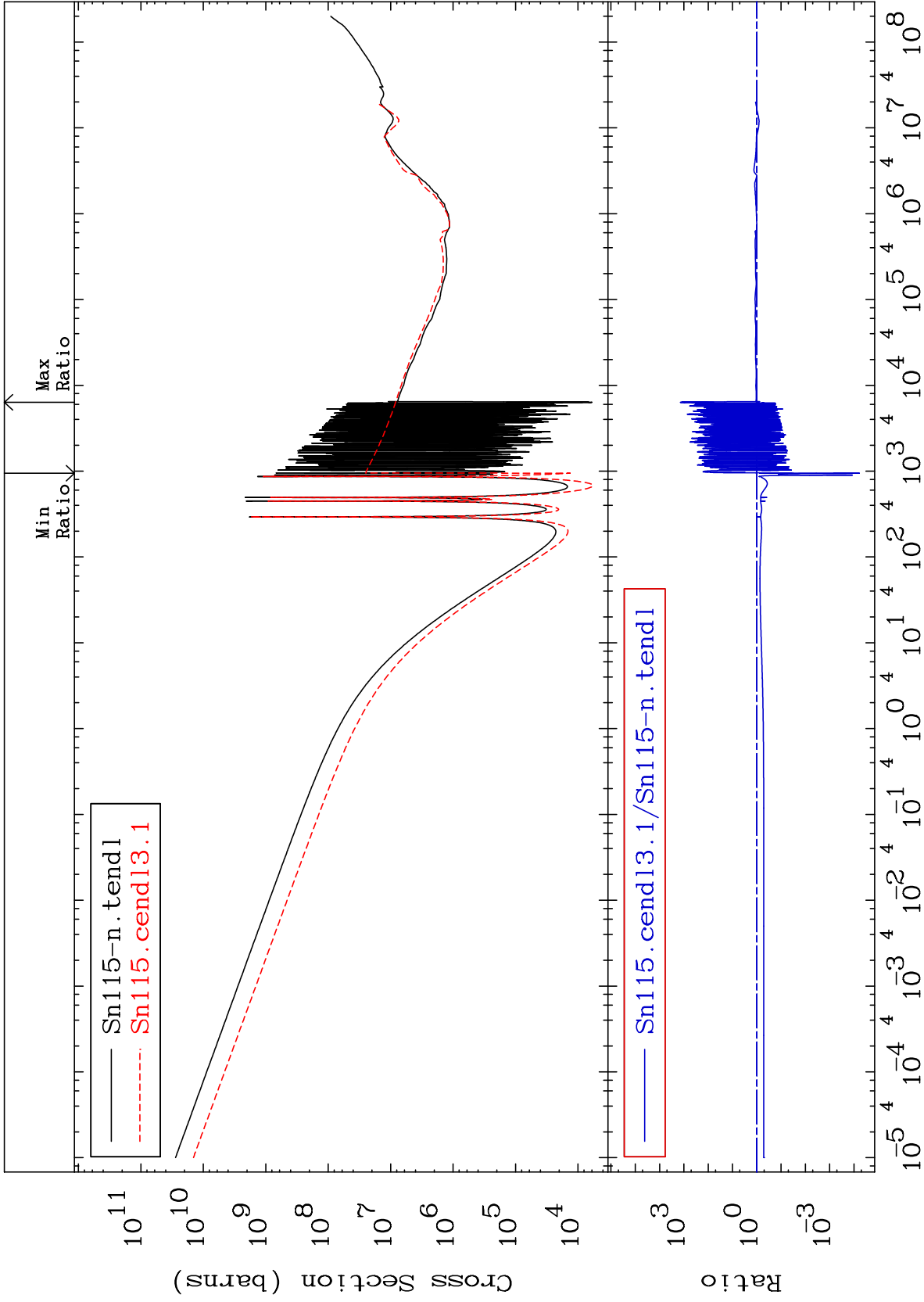
45

Incident Energy (eV)

50-Sn-115

Cross Section

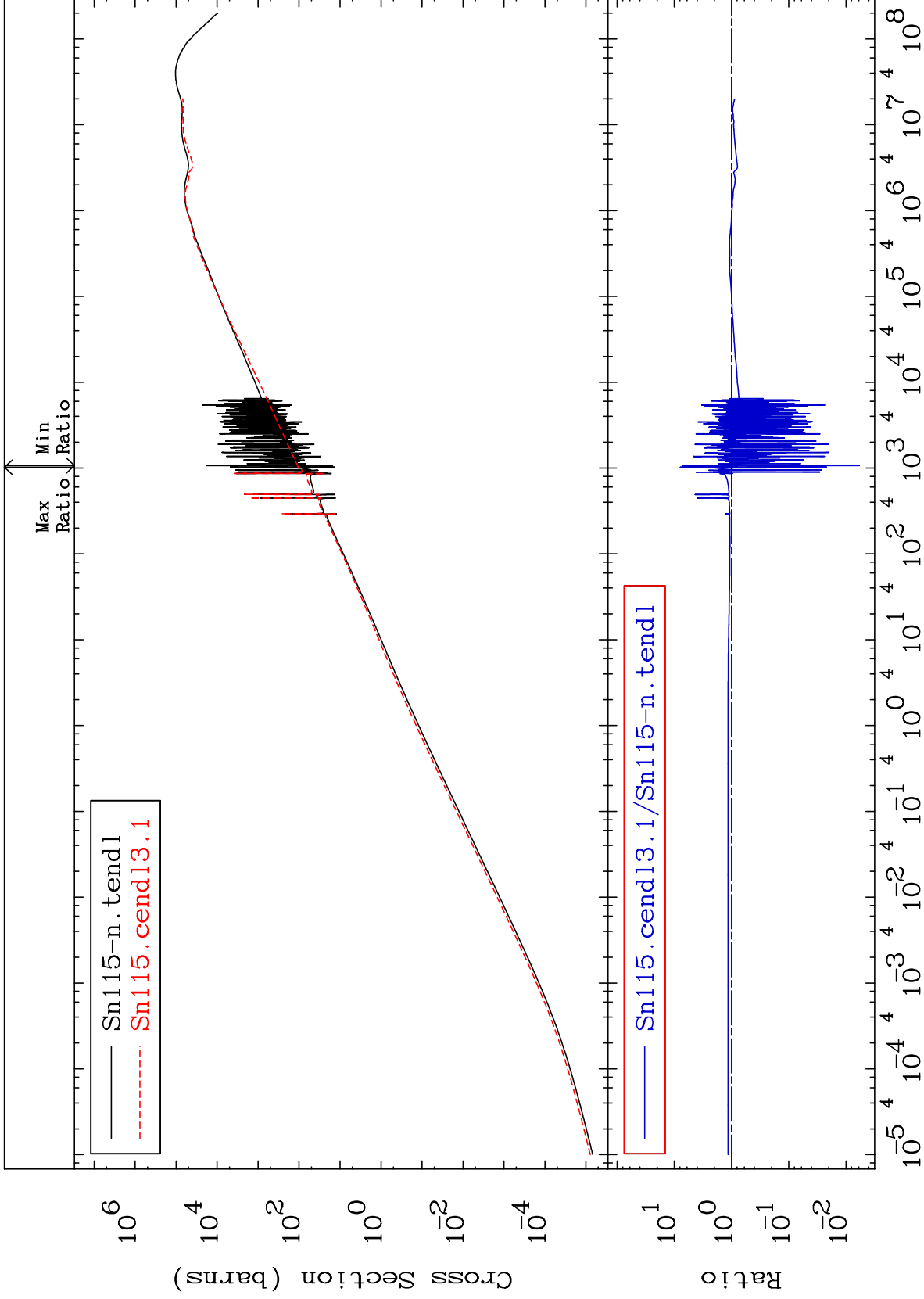
-99.99 To 9999. %



MAT 5034

Kerma elastic
Cross Section

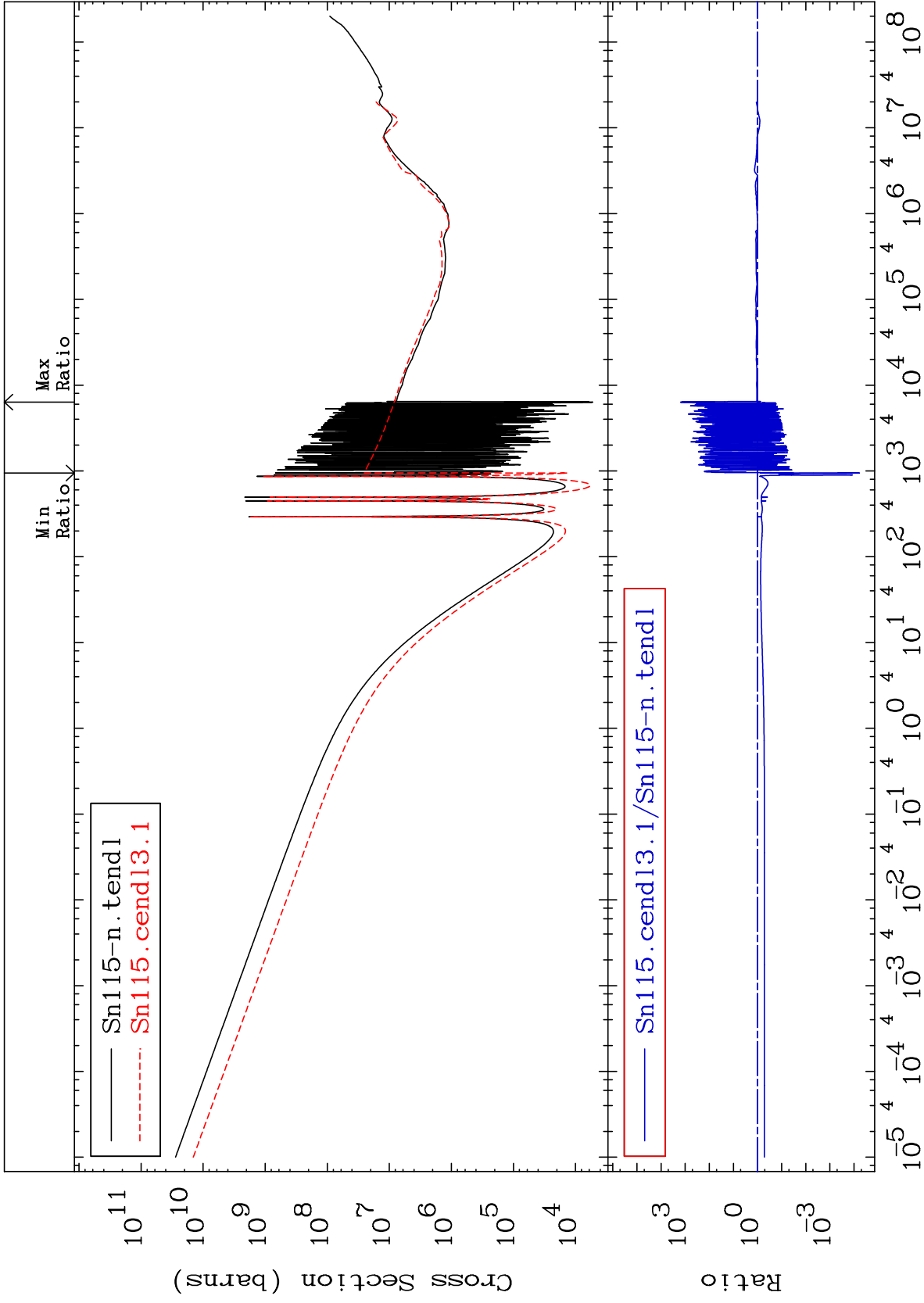
50-Sn-115
-99.42 To 685.0 %



47

Incident Energy (eV)

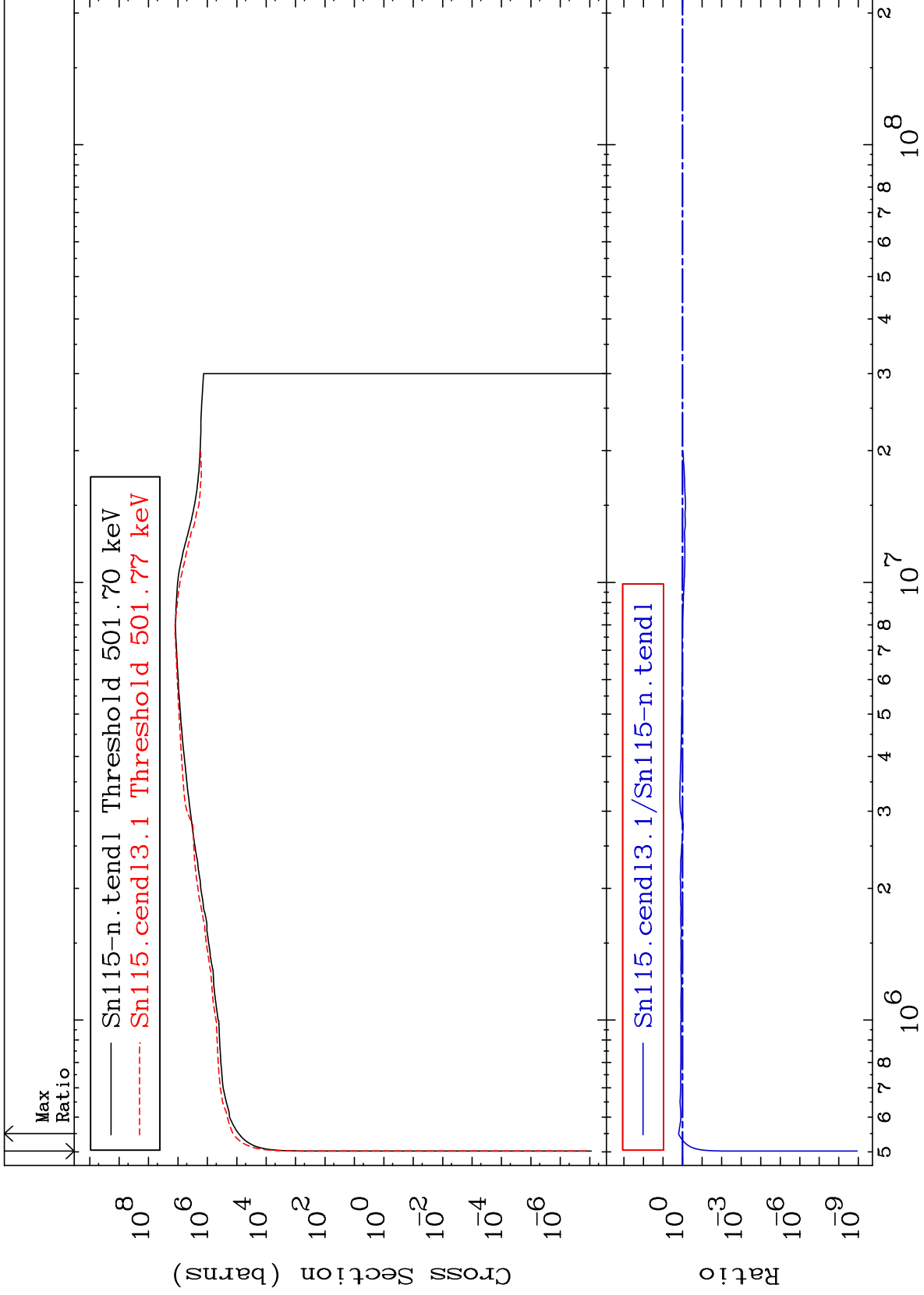
50-Sn-115



MAT 5034

Kerma inelastic (mt51-91)
Cross Section

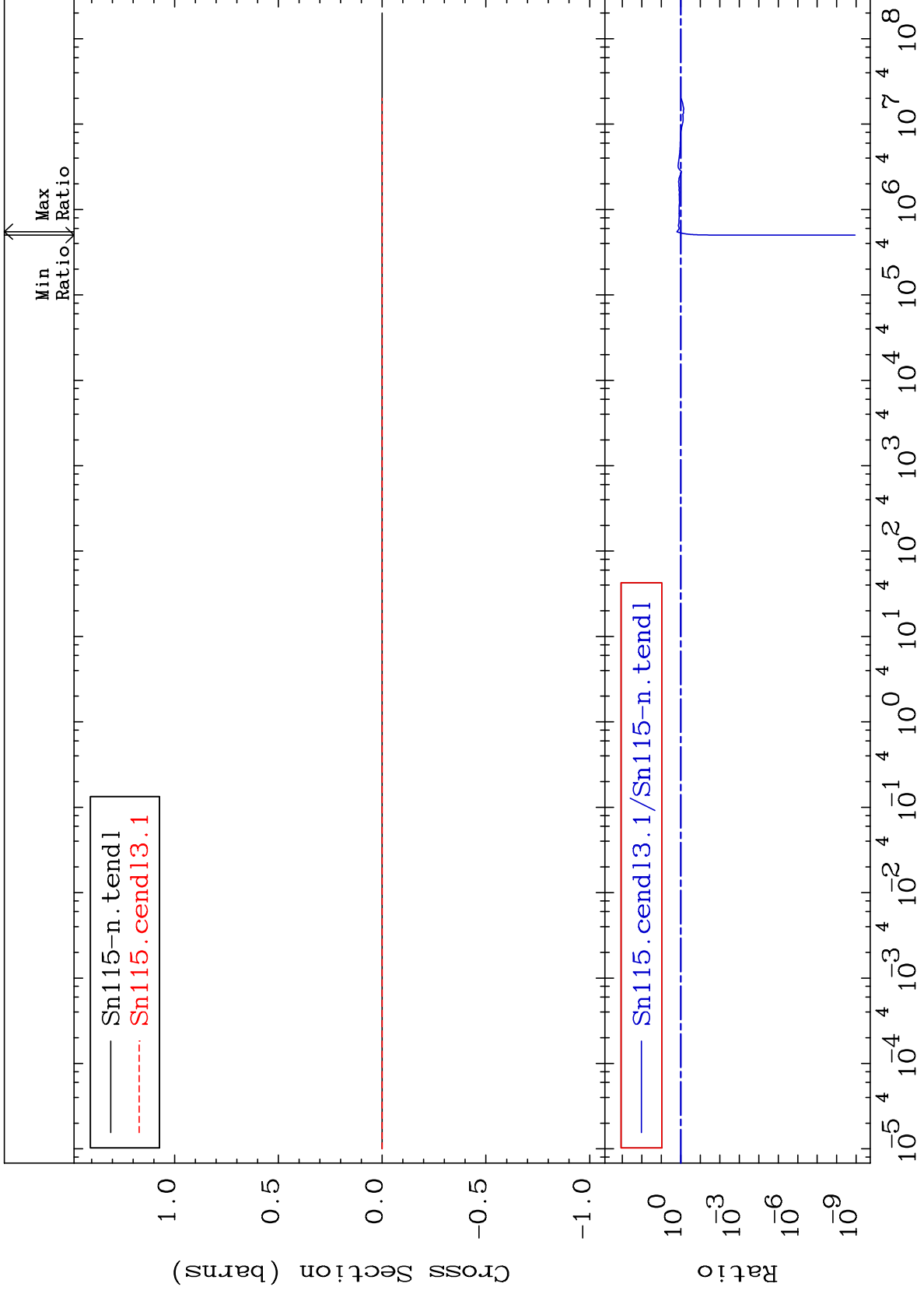
50-Sn-115
-100.0 To 58.79 %



MAT 5034

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

50-Sn-115
-100.0 To 58.79 %



50

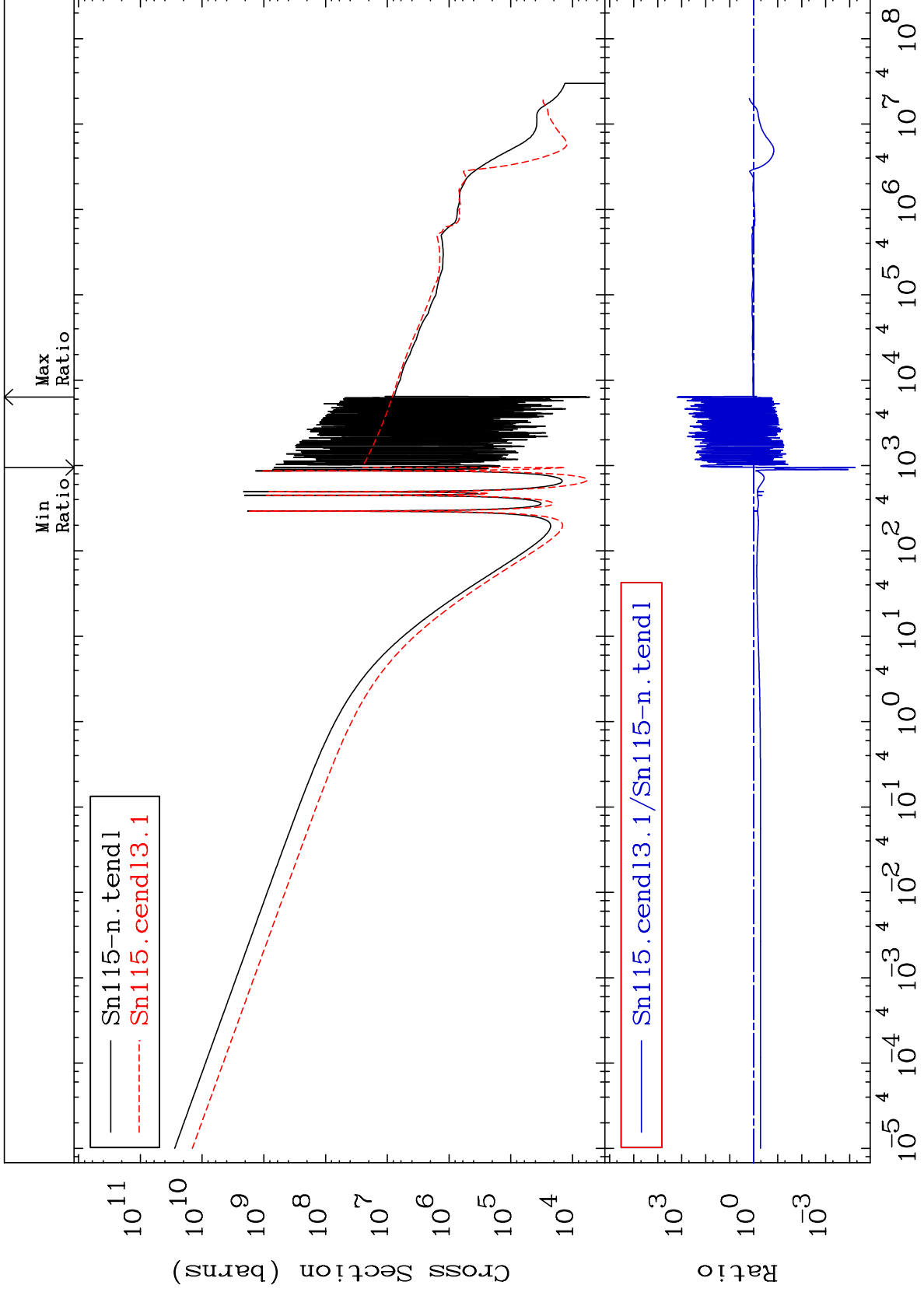
Incident Energy (eV)

50-Sn-115

MAT 5034

Kerma capture (mt102)
Cross Section

50-Sn-115
-99.99 To 9999. %



51

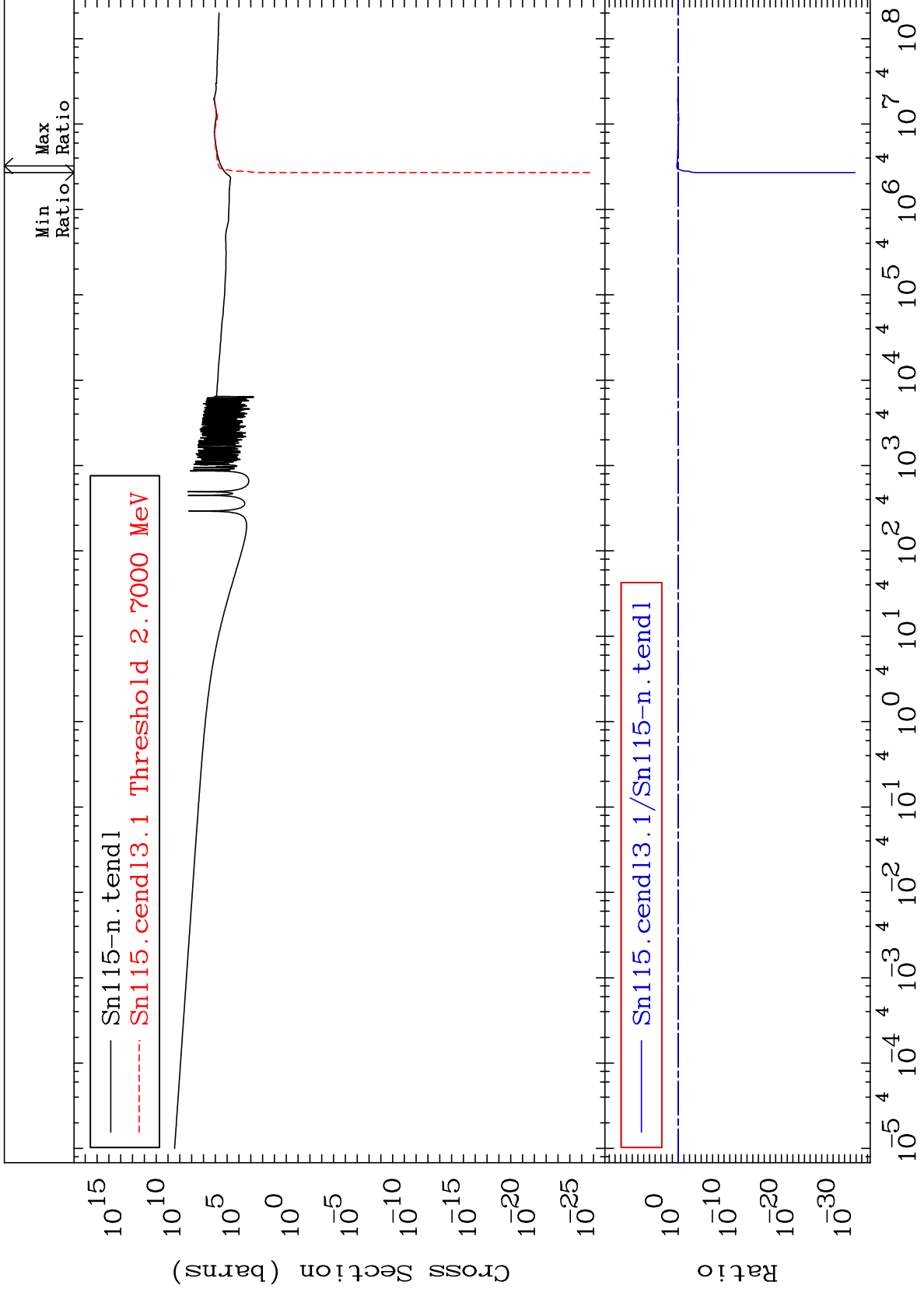
Incident Energy (eV)

50-Sn-115

MAT 5034

Total photon (eV-barns)
Cross Section

50-Sn-115
-100.0 To 61.67 %



52

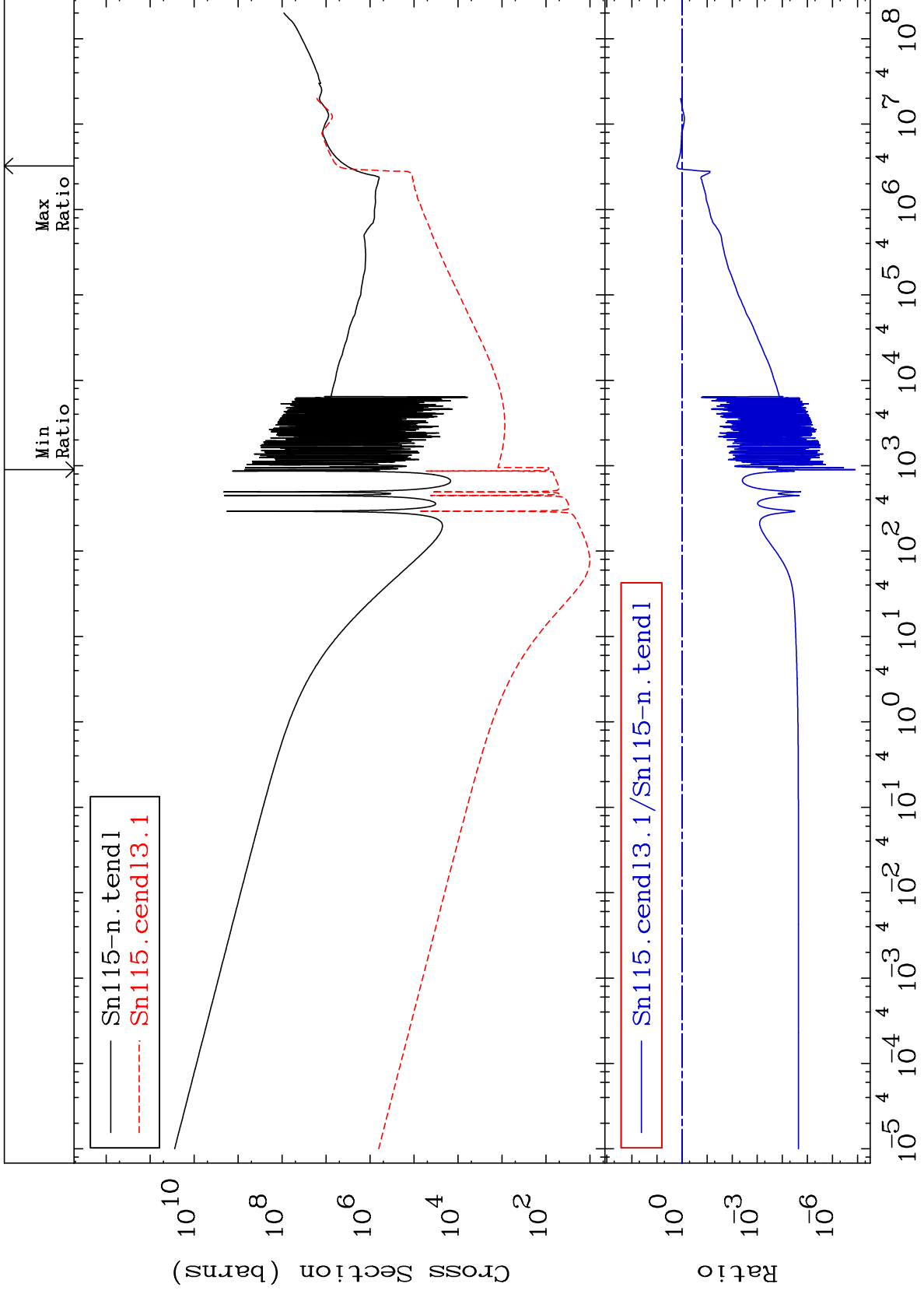
Incident Energy (eV)

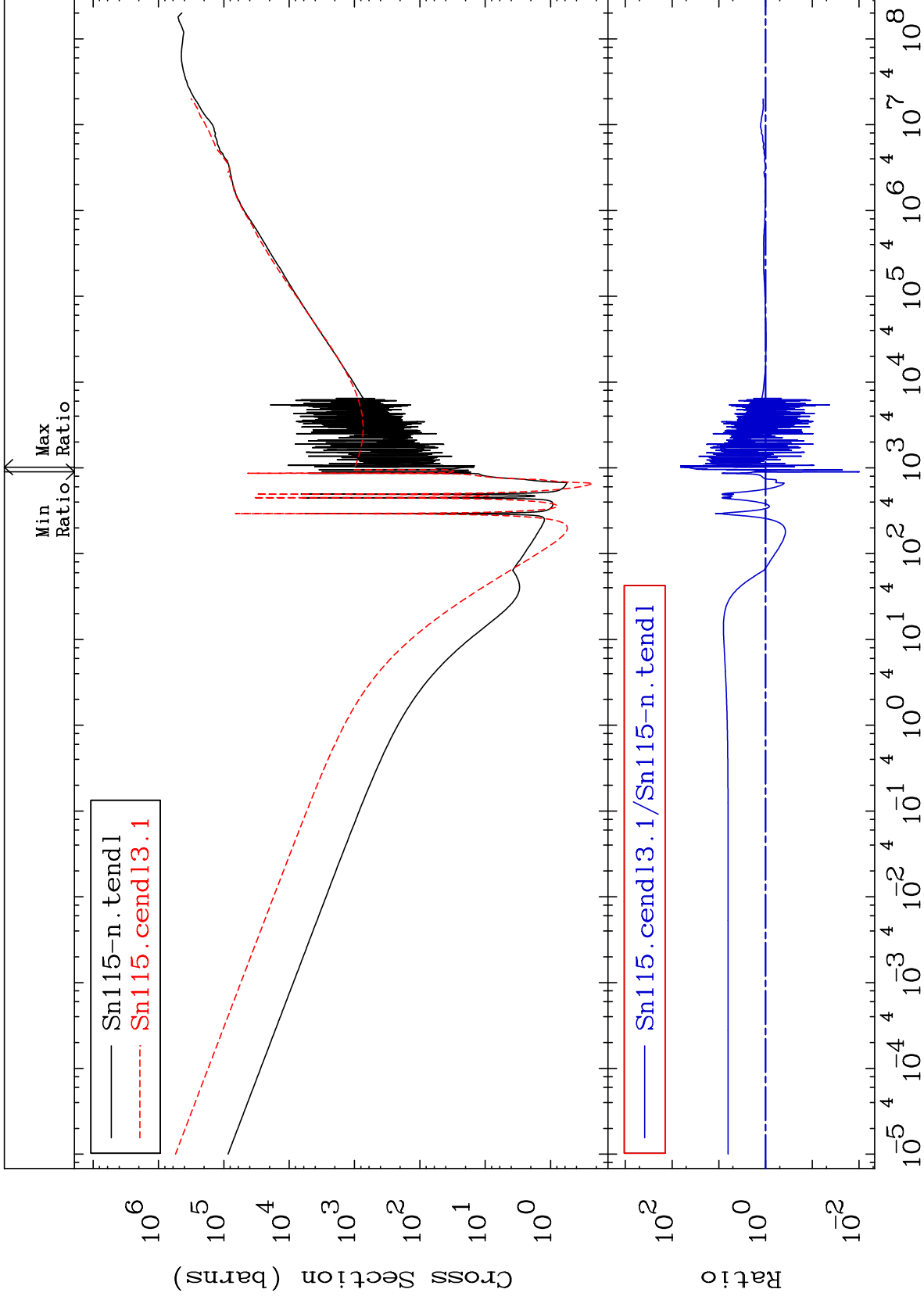
50-Sn-115

MAT 5034

Total kinematic kerma (high limit)
Cross Section

50-Sn-115
-100.0 To 59.46 %

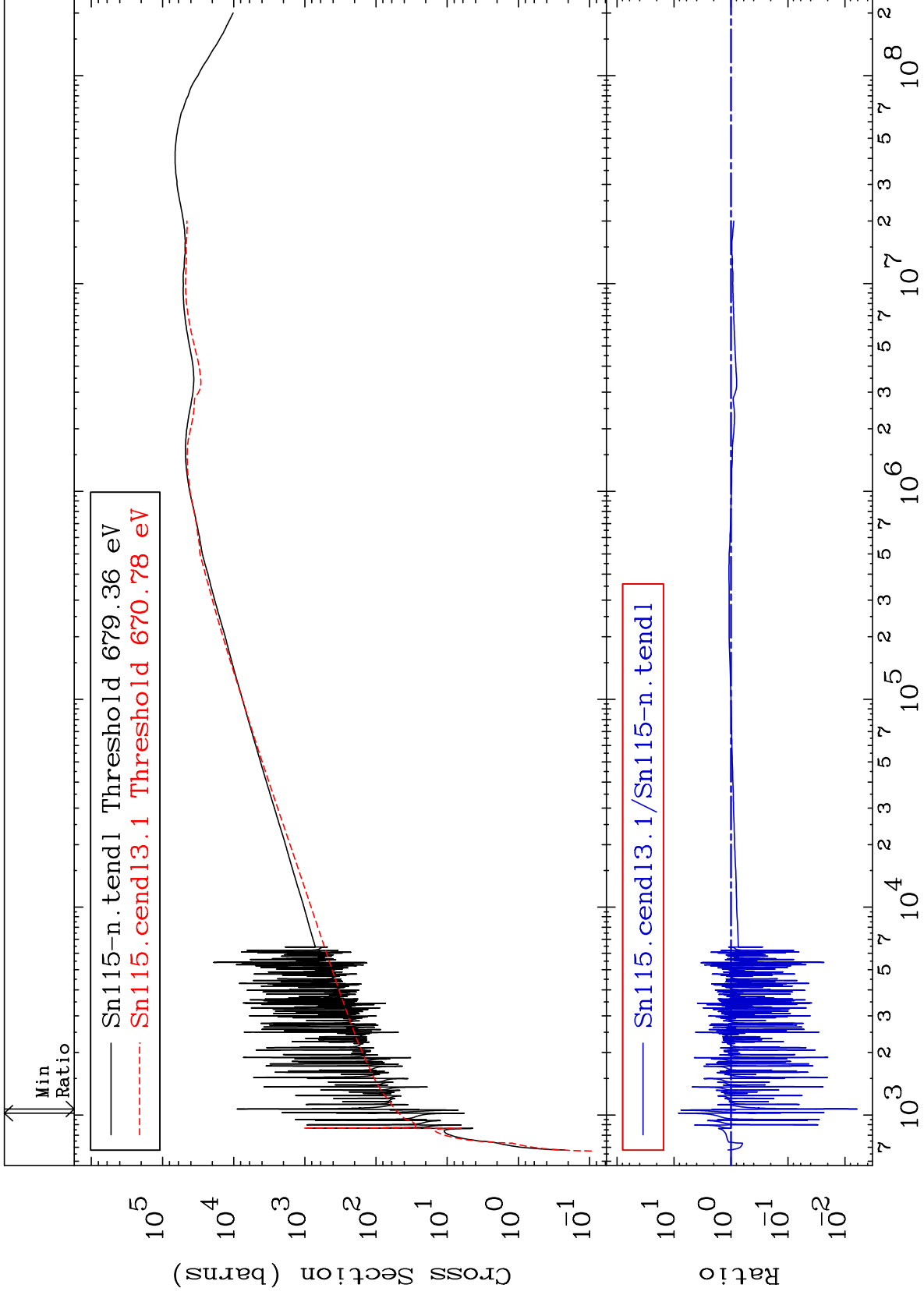




MAT 5034

Dpa elastic (mt2)
Cross Section

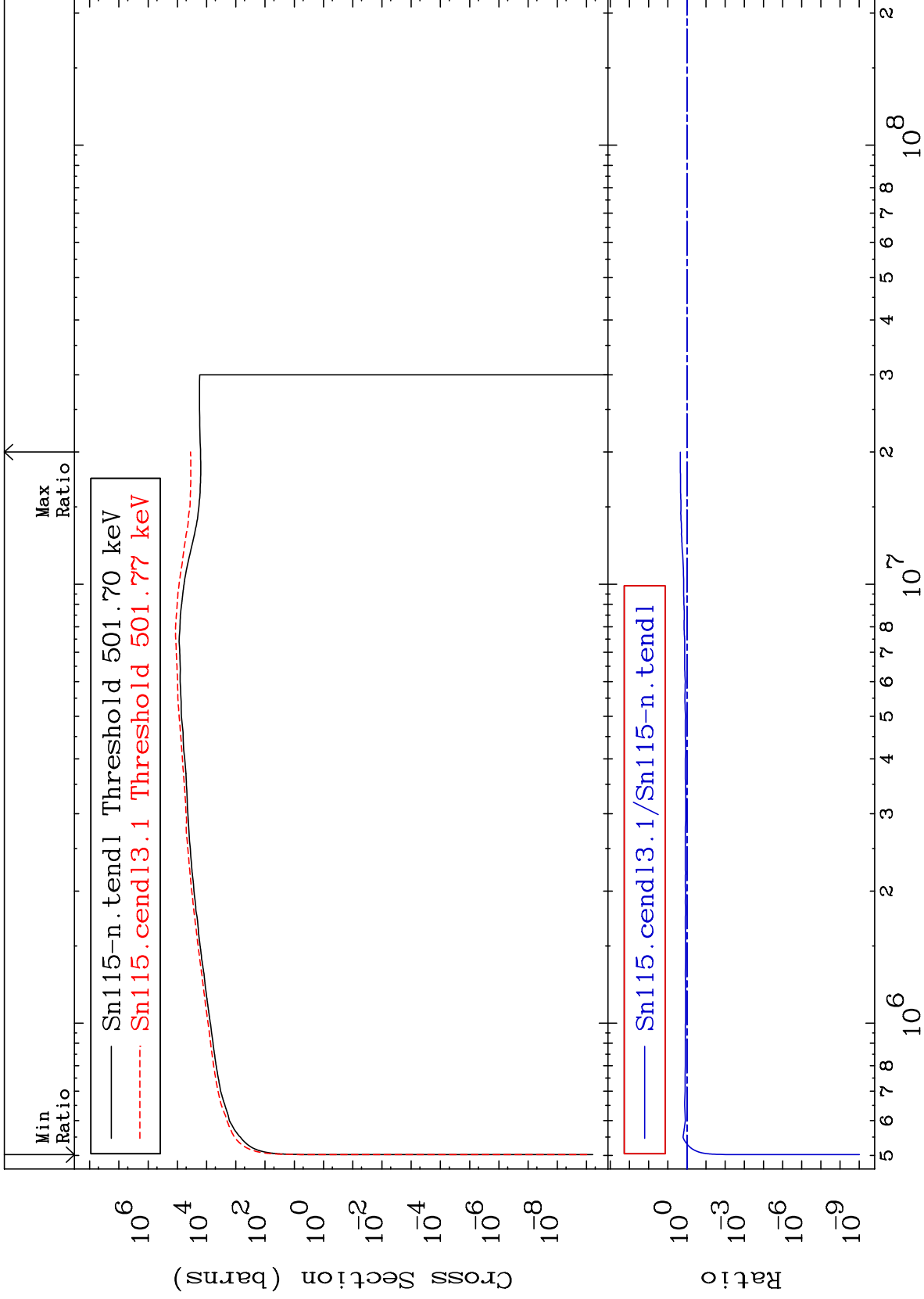
50-Sn-115
-99.39 To 727.1 %



MAT 5034

Dpa inelastic (mt51-91)
Cross Section

50-Sn-115
-100.0 To 119.4 %



MAT 5034

Dpa disappearance (mt102 -120)
Cross Section

50-Sn-115
-99.93 To 9999. %

