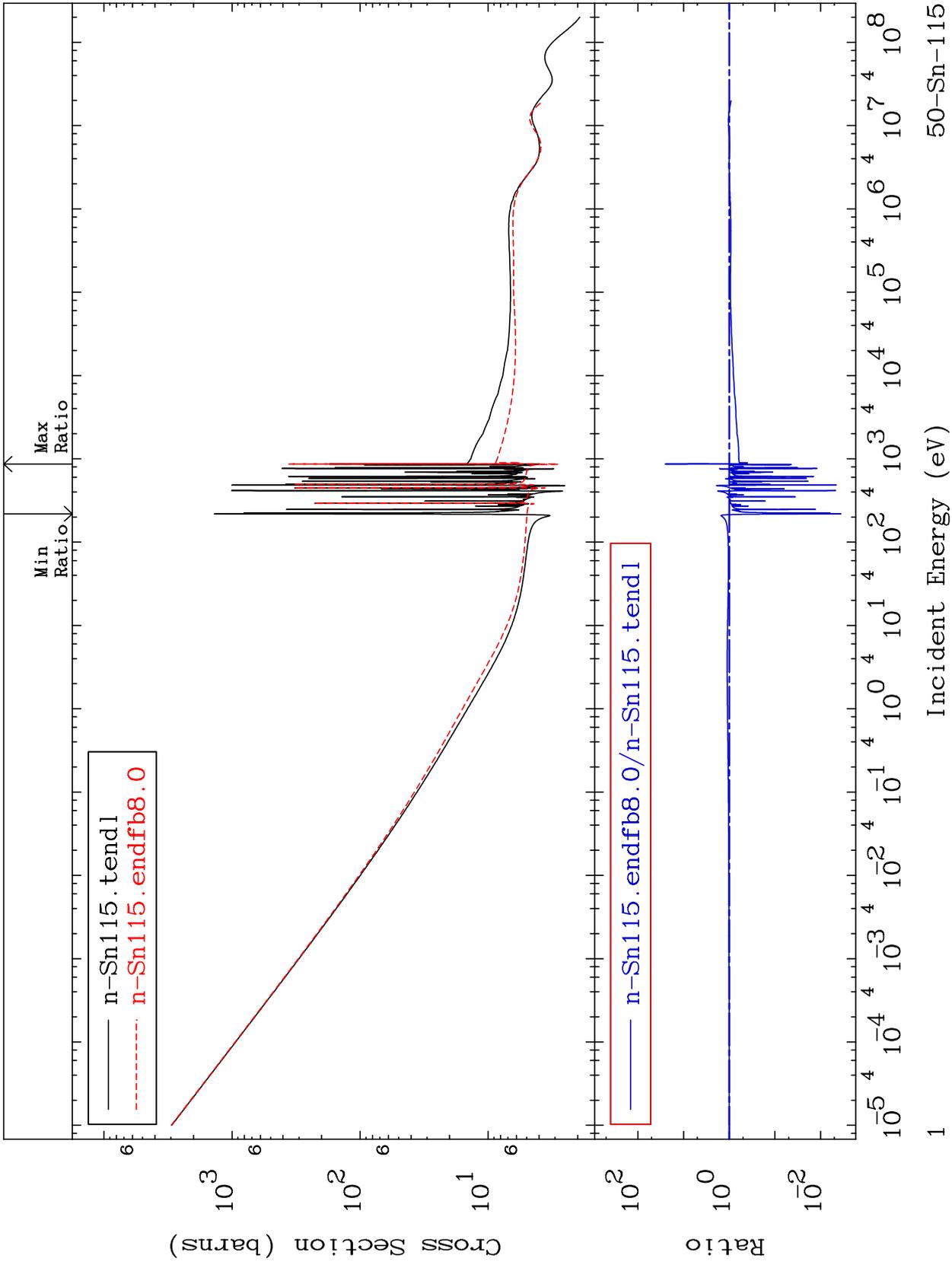


MAT 5034

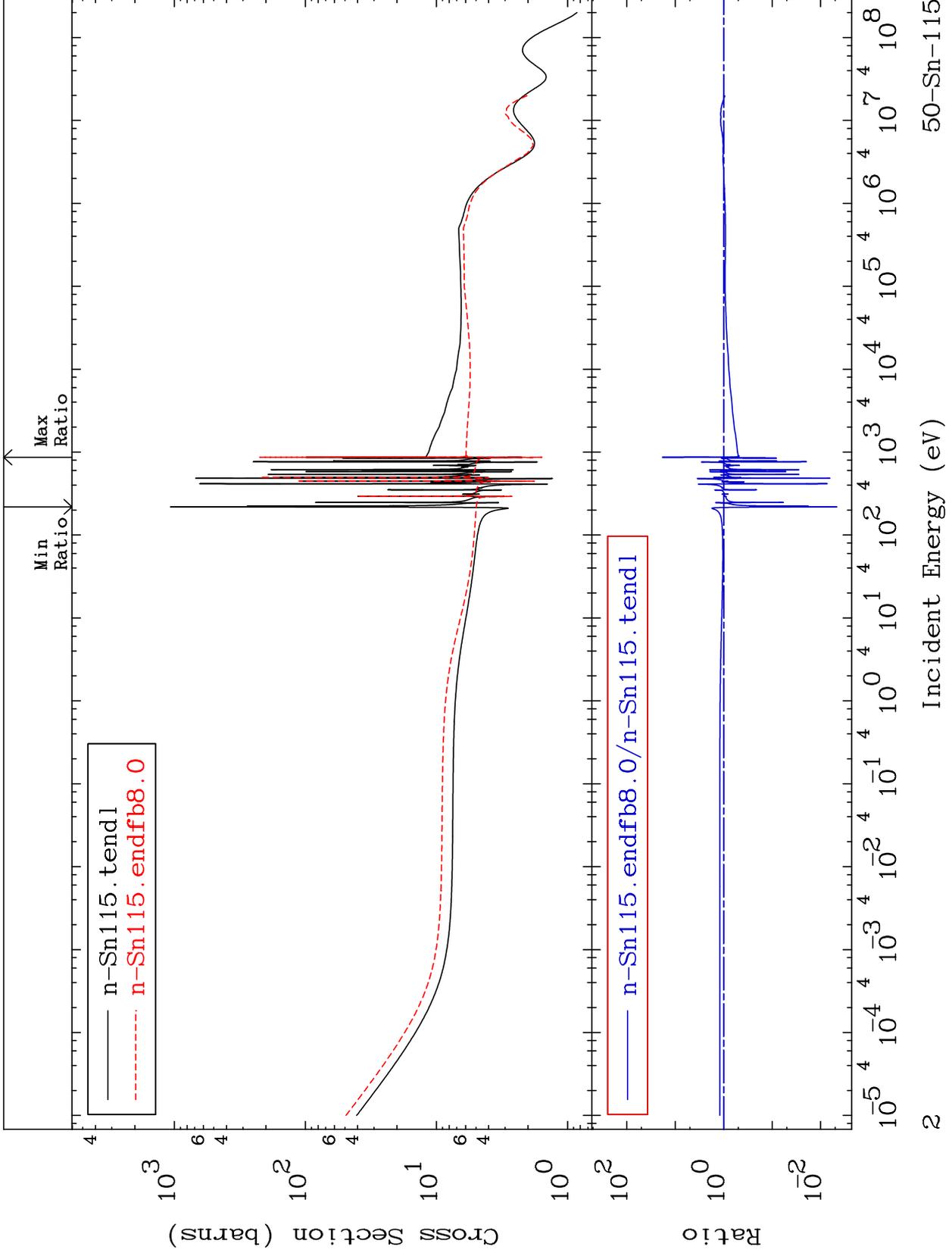
Total Cross Section
50-Sn-115
-99.64 To 2387. %



MAT 5034

Elastic
Cross Section

50-Sn-115
-99.54 To 1749. %

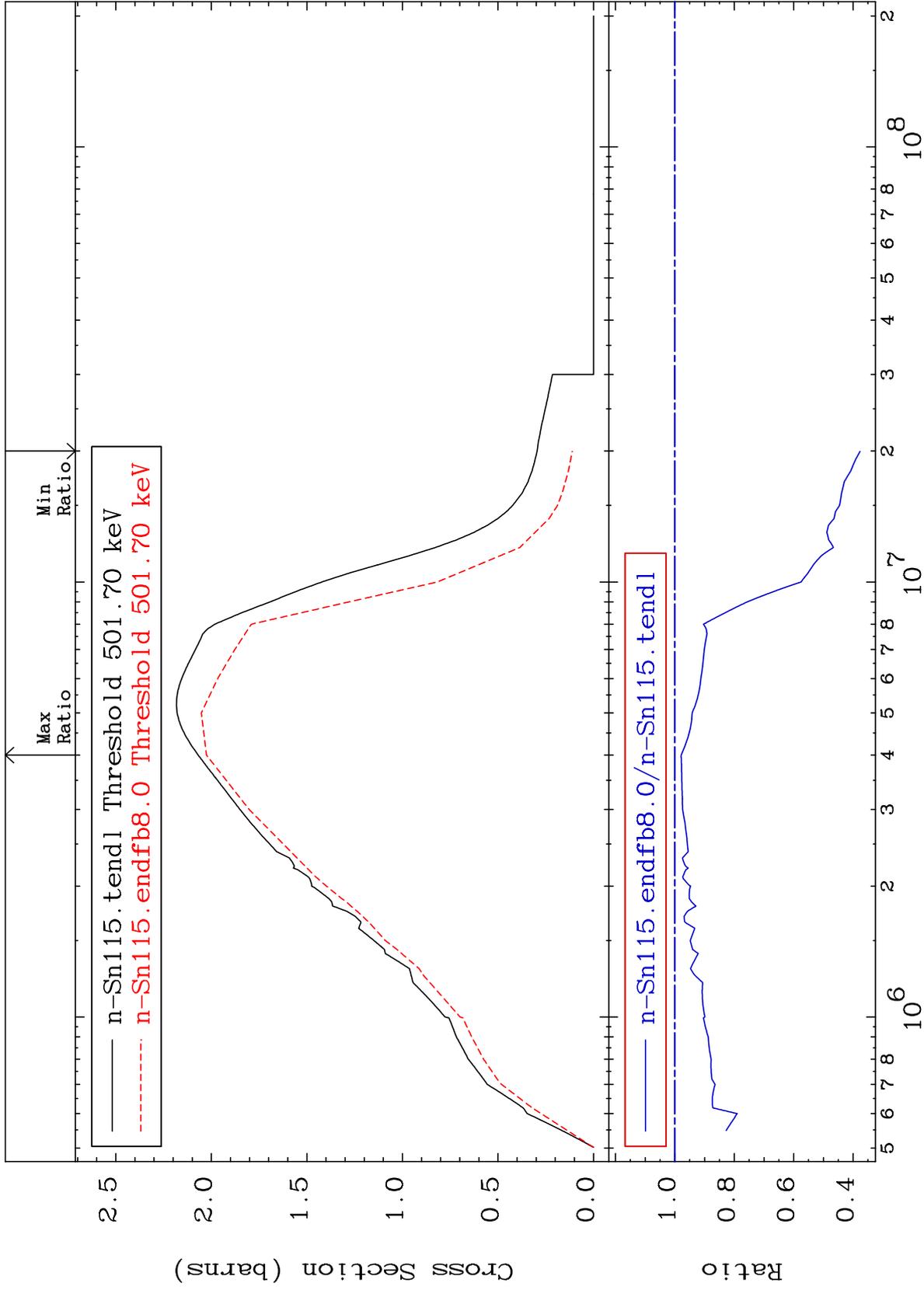


50-Sn-115

MAT 5034

Inelastic
Cross Section

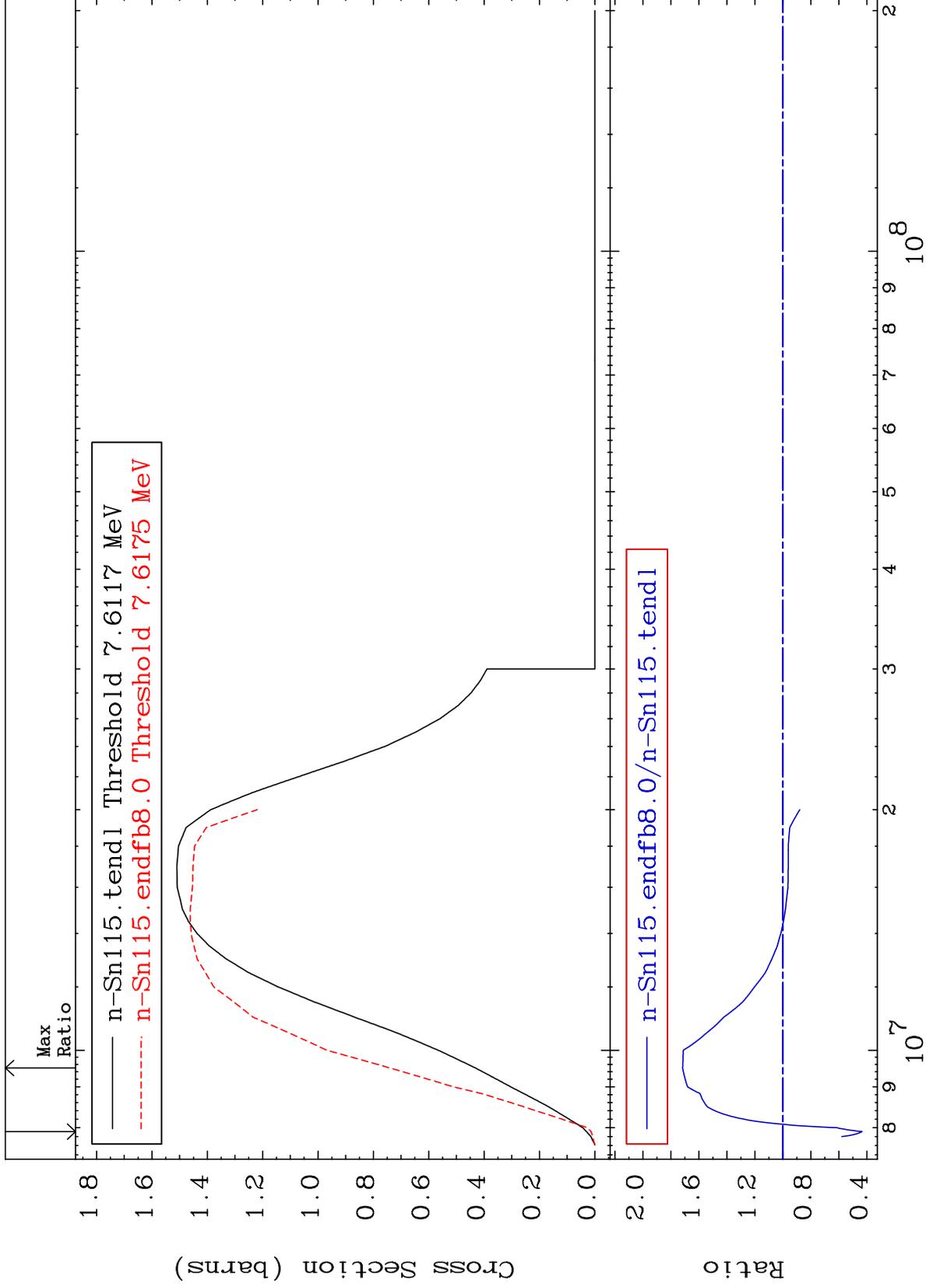
50-Sn-115
-62.37 To -2.110%



MAT 5034

(n,2n)
Cross Section

50-Sn-115
-56.64 To 71.60 %



4

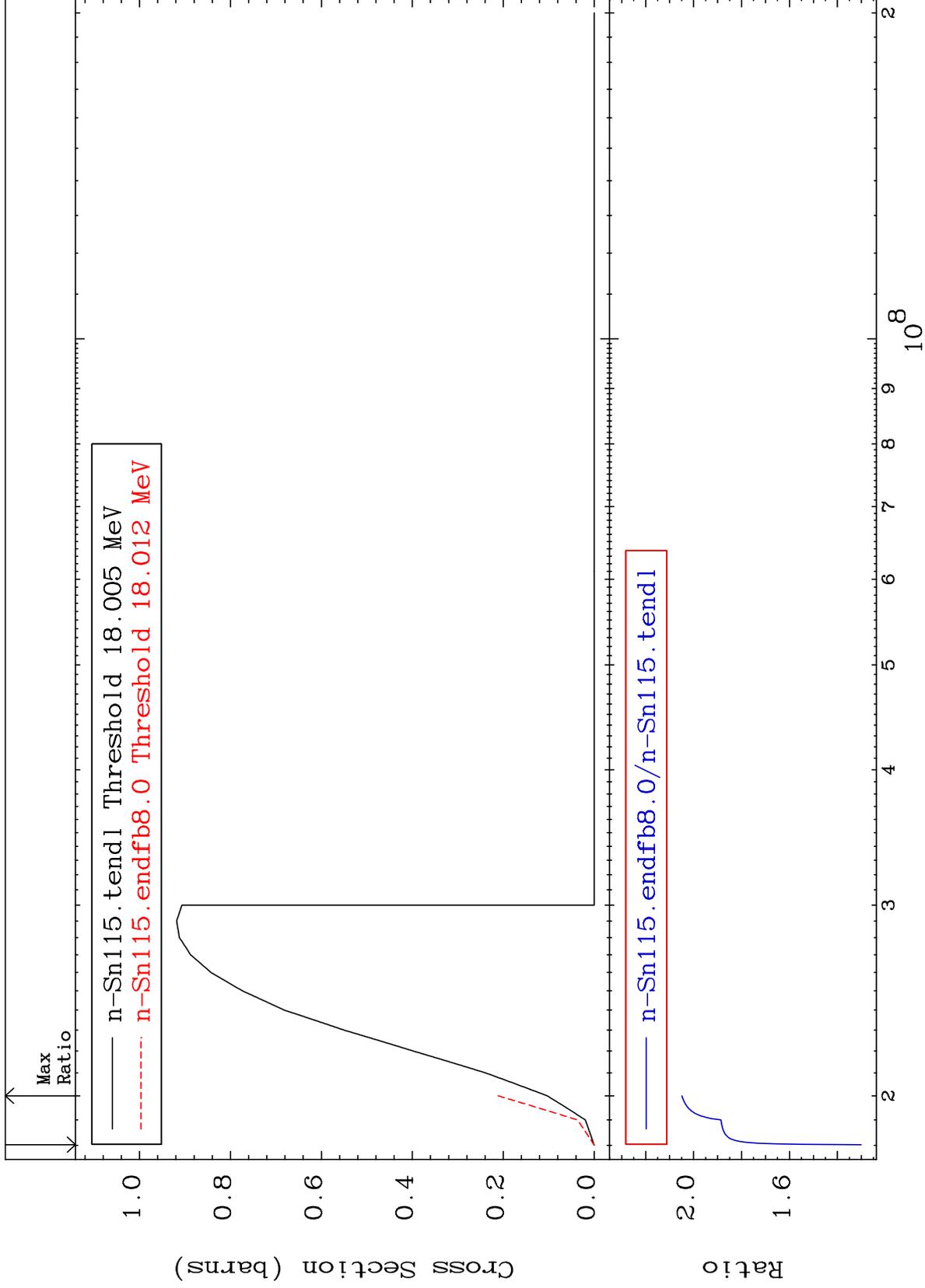
Incident Energy (eV)

50-Sn-115

MAT 5034

(n,3n)
Cross Section

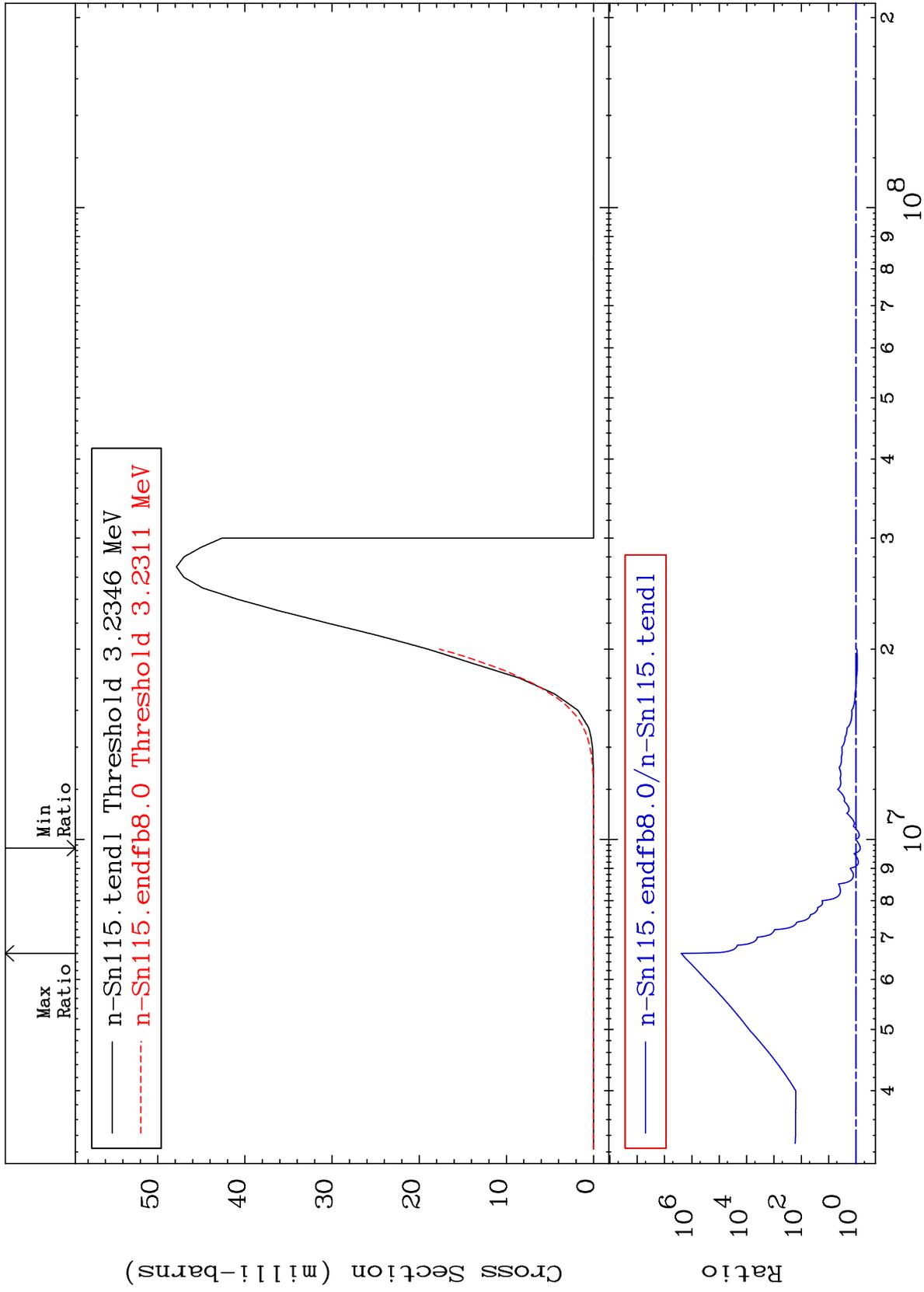
50-Sn-115
To 104.9 %



MAT 5034

(n,n') α
Cross Section

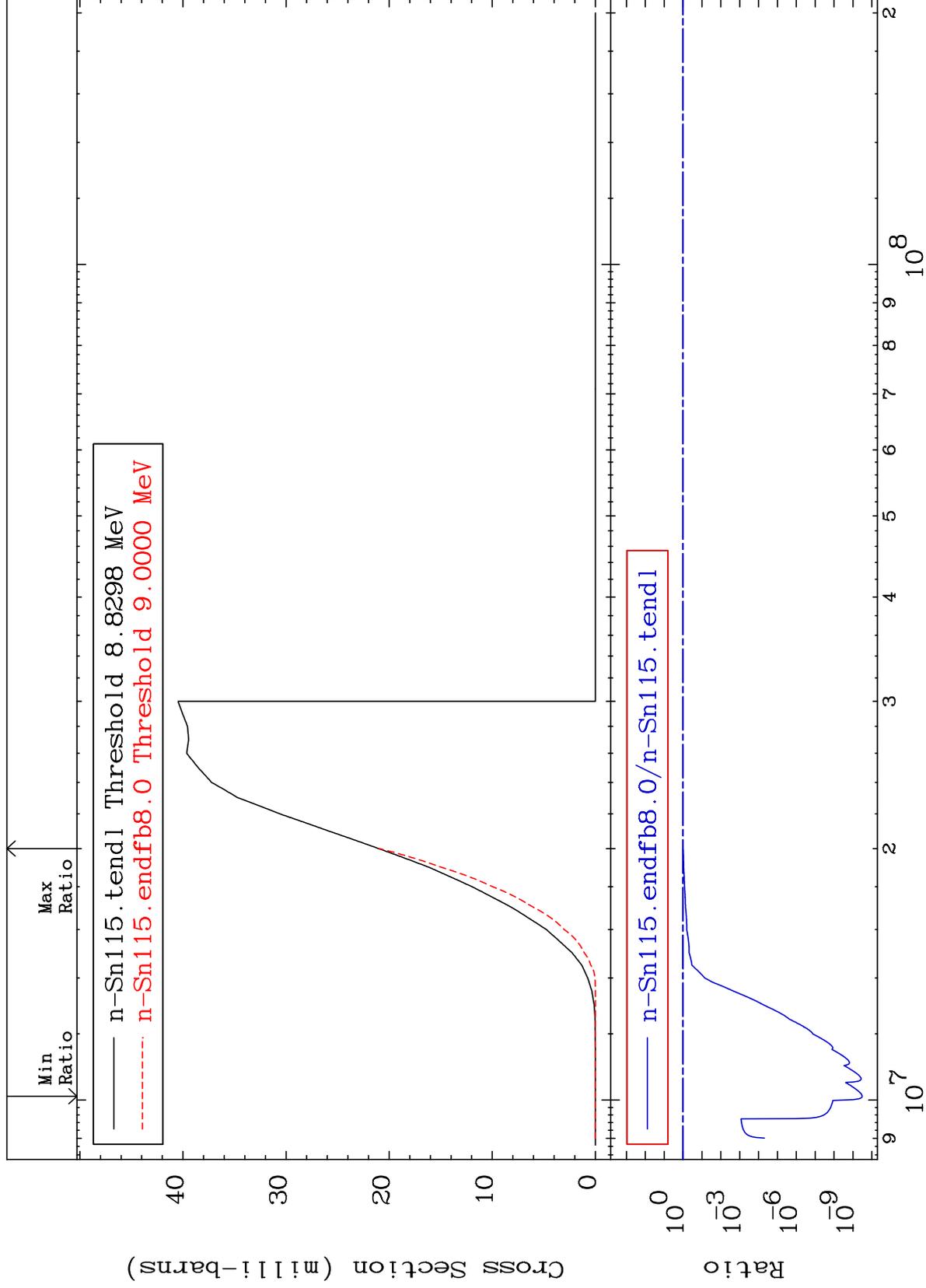
50-Sn-115
-29.36 To 9999. %



MAT 5034

(n,n') p
Cross Section

50-Sn-115
-100.0 To -0.210%



Incident Energy (eV)

50-Sn-115

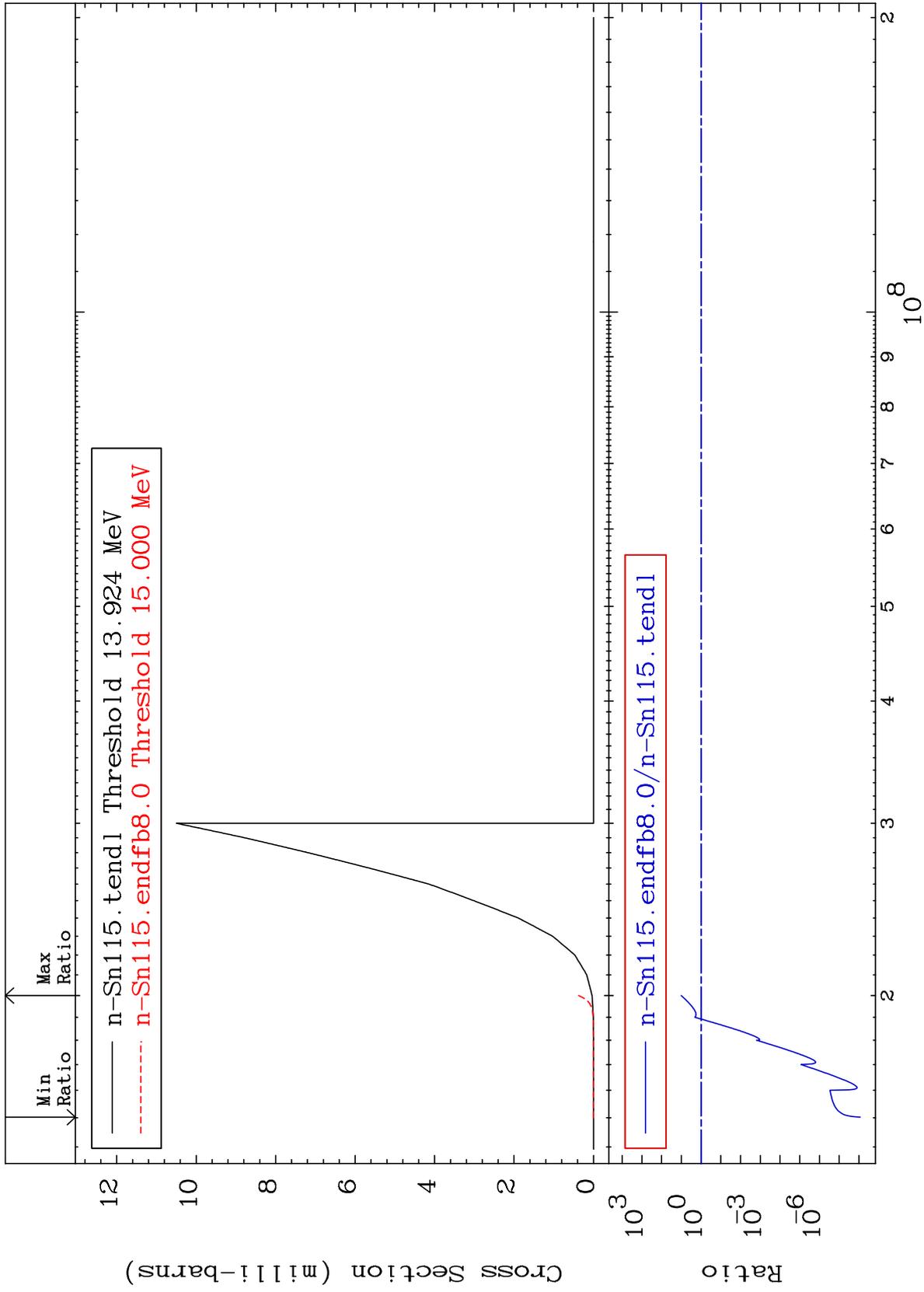
MAT 5034

(n,n') d

50-Sn-115

Cross Section

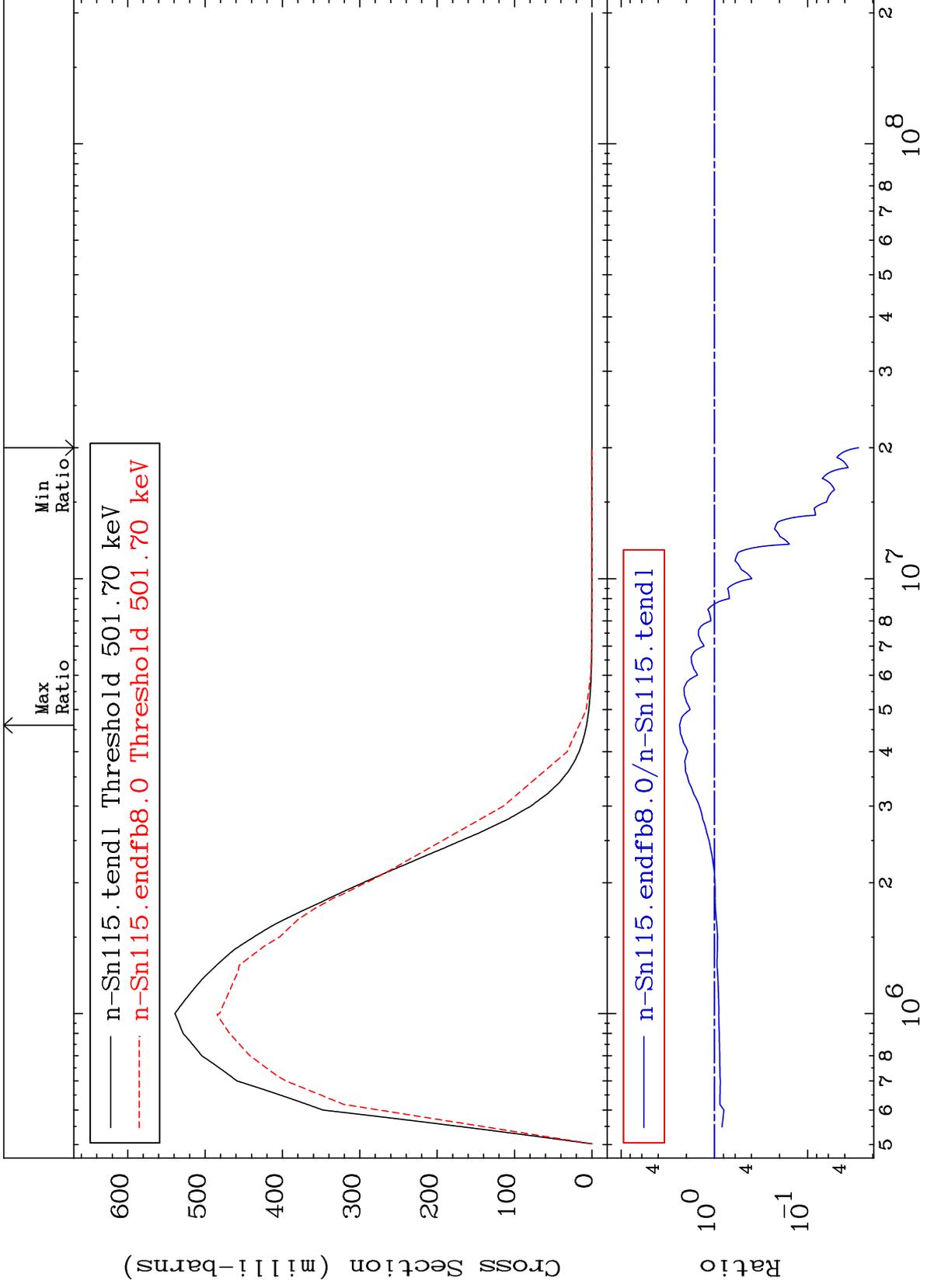
-100.0 To 919.2 %



MAT 5034

MT= 51 (n,n') Level
Cross Section

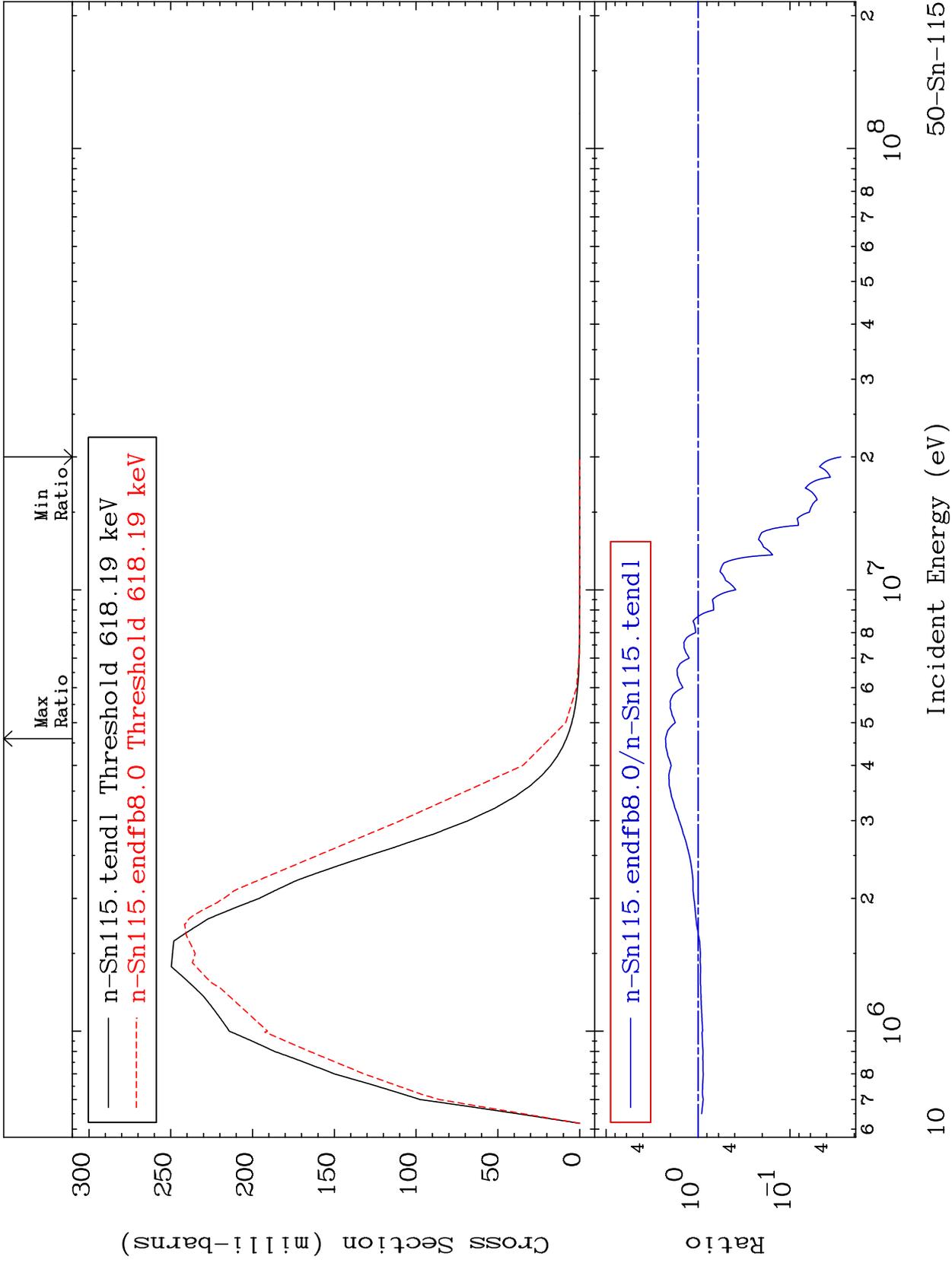
50-Sn-115
-97.16 To 136.5 %



MAT 5034

MT= 52 (n,n') Level
Cross Section

50-Sn-115
-97.20 To 126.1 %



10

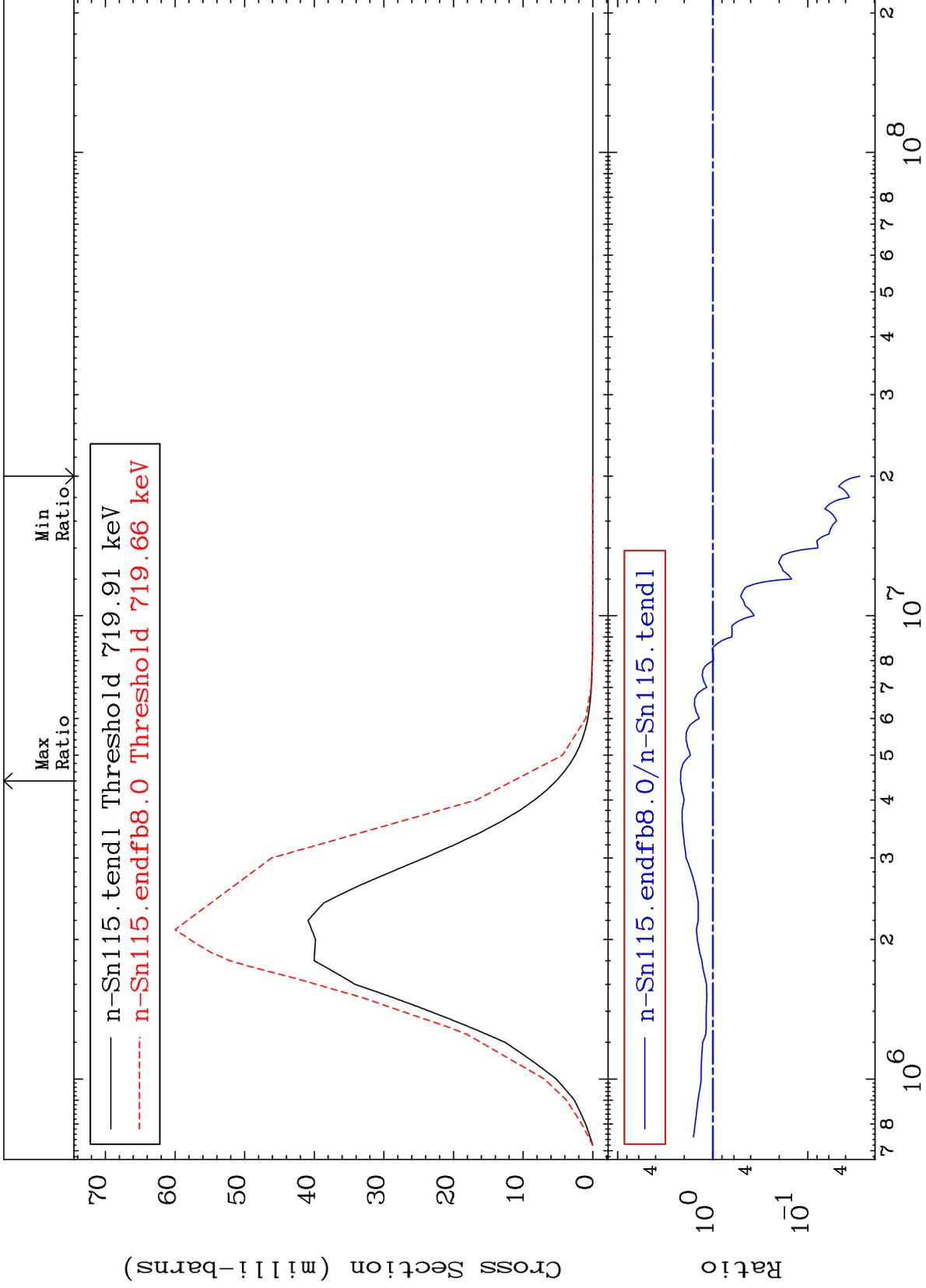
Incident Energy (eV)

50-Sn-115

MAT 5034

MT= 53 (n,n') Level
Cross Section

50-Sn-115
-97.16 To 118.4 %



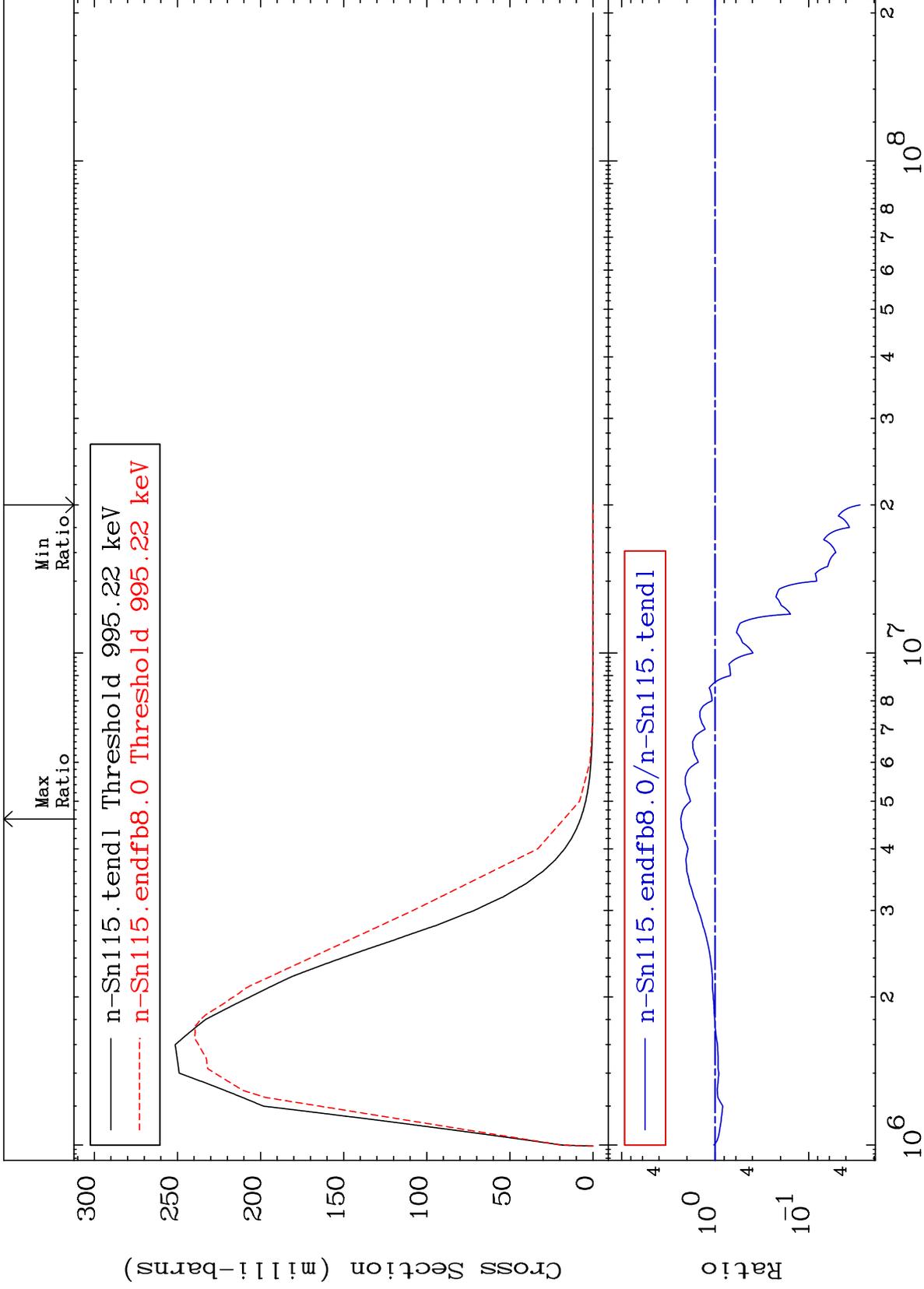
11

50-Sn-115

MAT 5034

MT= 54 (n,n') Level
Cross Section

50-Sn-115
-97.18 To 133.4 %



12

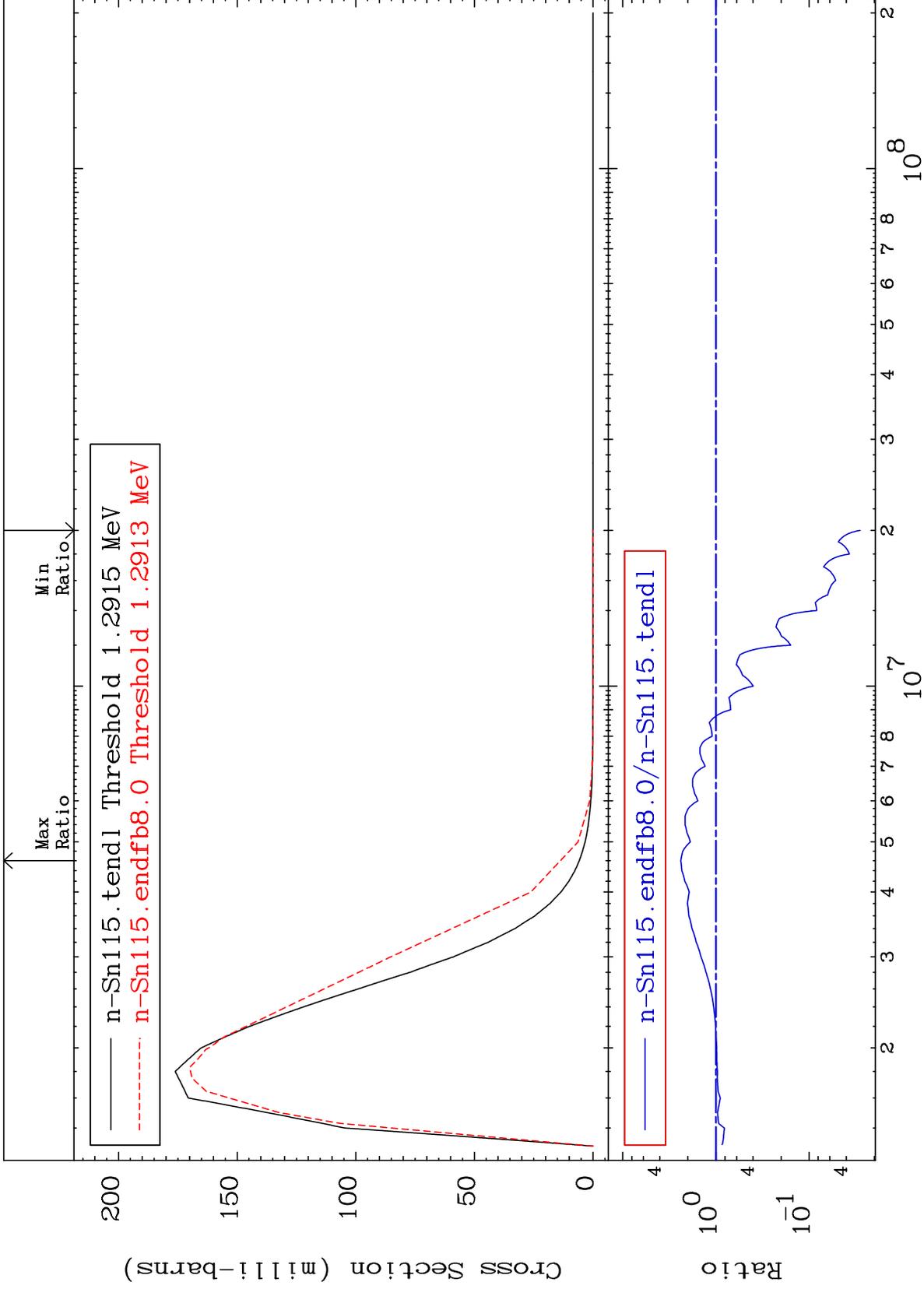
Incident Energy (eV)

50-Sn-115

MAT 5034

MT= 55 (n,n') Level
Cross Section

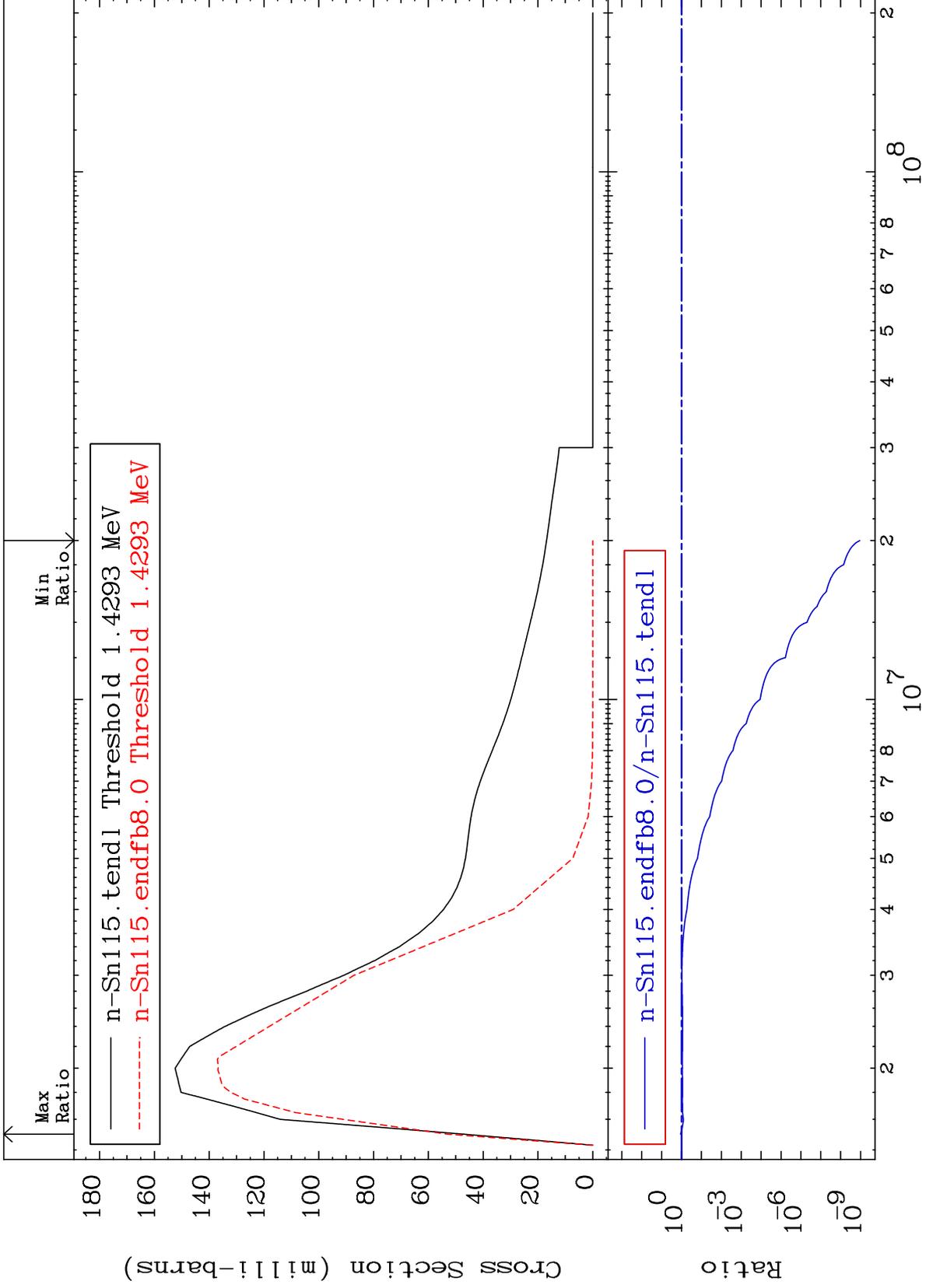
50-Sn-115
-97.16 To 138.5 %



MAT 5034

MT= 56 (n,n') Level
Cross Section

50-Sn-115
-100.0 To 12.29 %



14

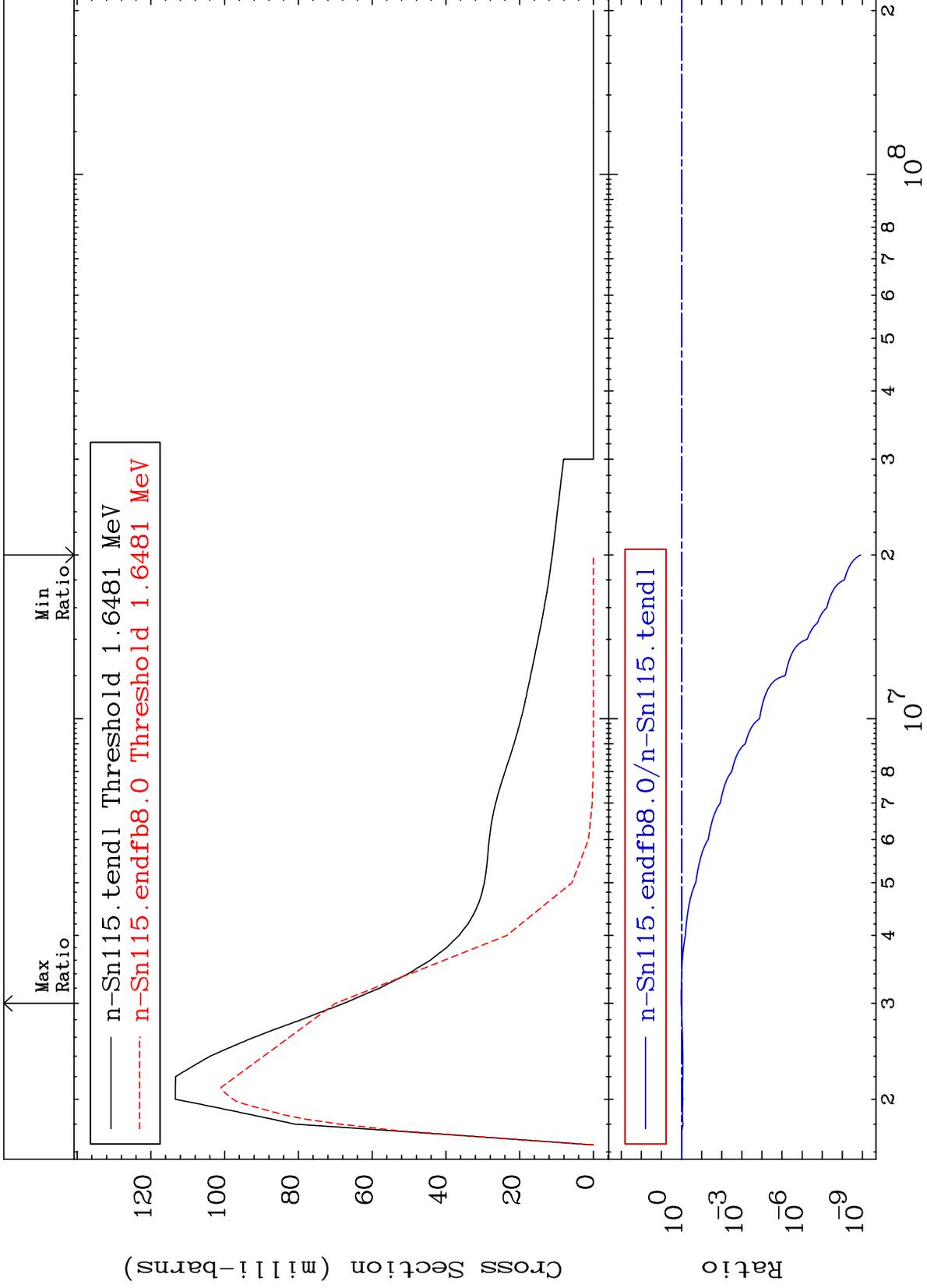
Incident Energy (eV)

50-Sn-115

MAT 5034

MT= 57 (n, n') Level
Cross Section

50-Sn-115
-100.0 To 3.463 %



15

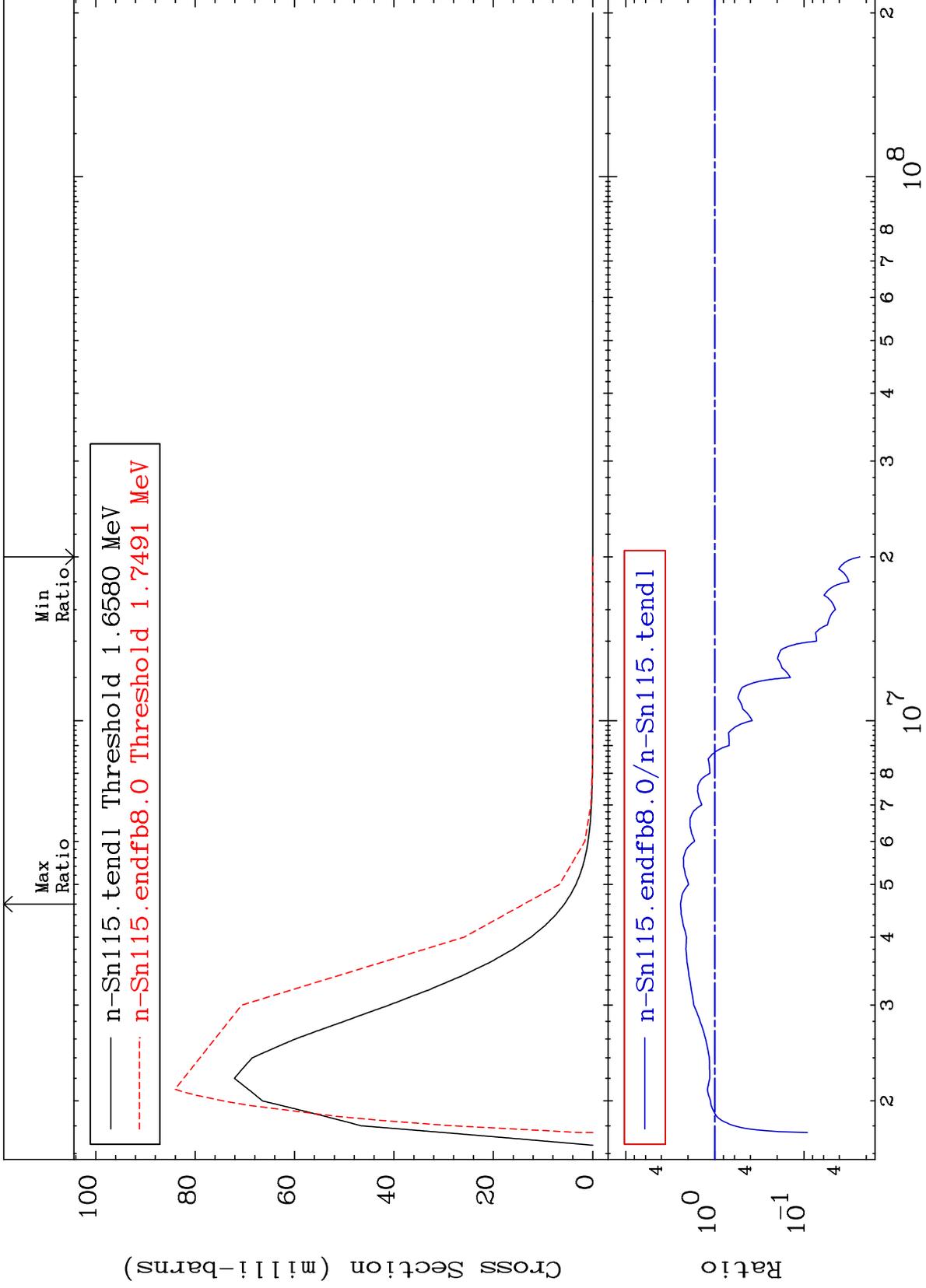
Incident Energy (eV)

50-Sn-115

MAT 5034

MT= 58 (n,n') Level
Cross Section

50-Sn-115
-97.64 To 143.0 %



16

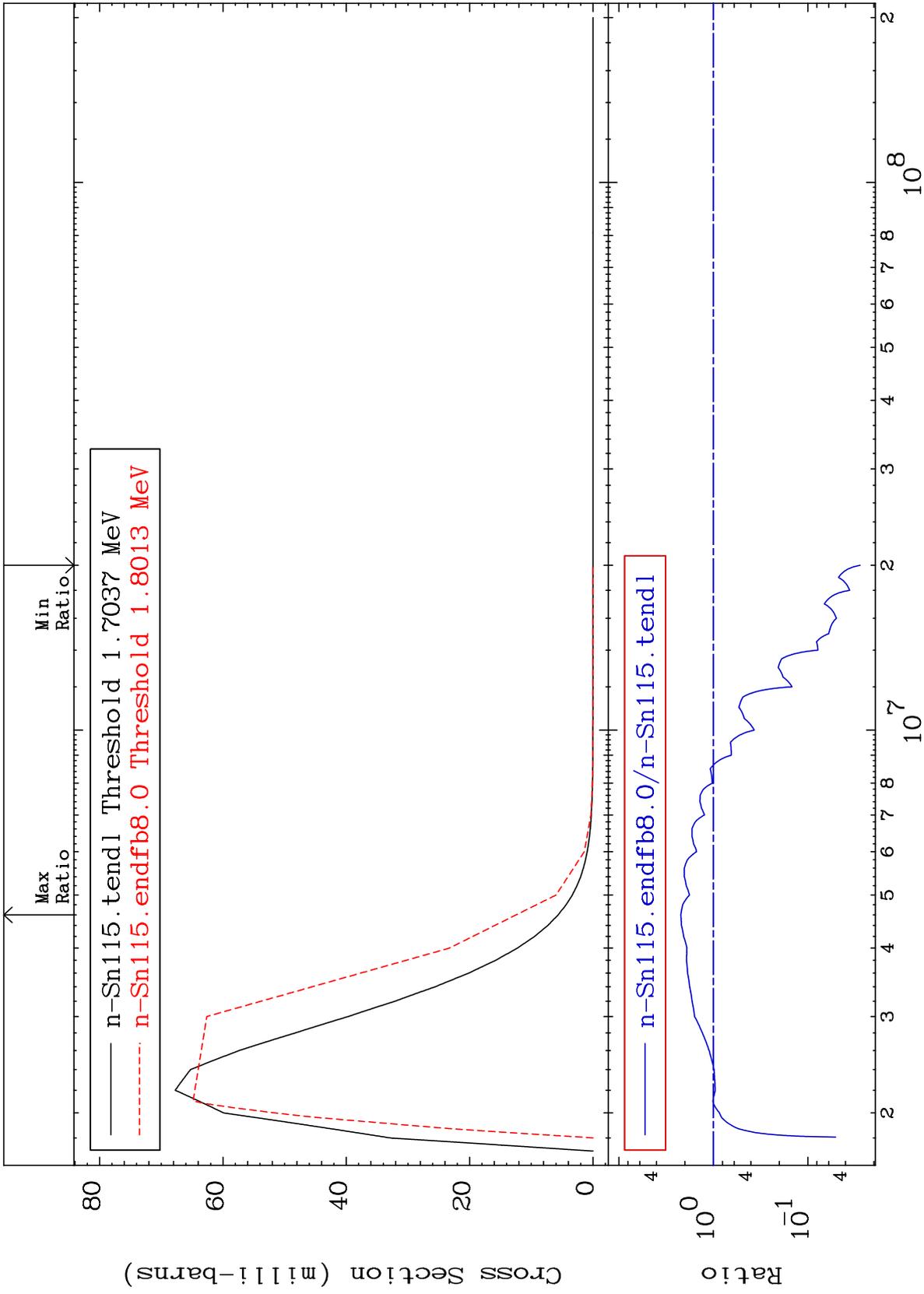
50-Sn-115

50-Sn-115

MAT 5034

MT= 59 (n,n') Level
Cross Section

50-Sn-115
-97.20 To 120.9 %



17

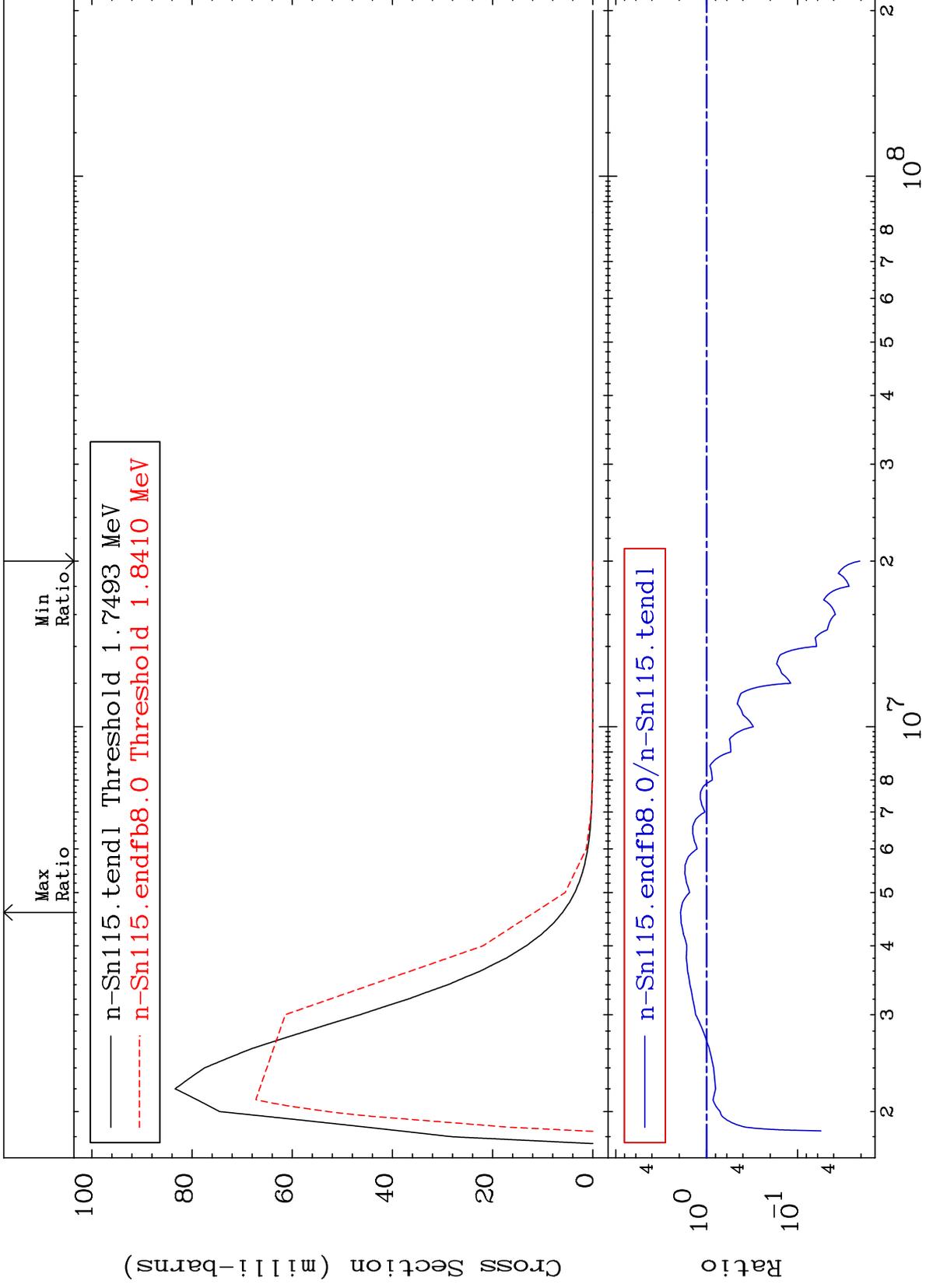
Incident Energy (eV)

50-Sn-115

MAT 5034

MT= 60 (n,n') Level
Cross Section

50-Sn-115
-97.93 To 93.80 %



18

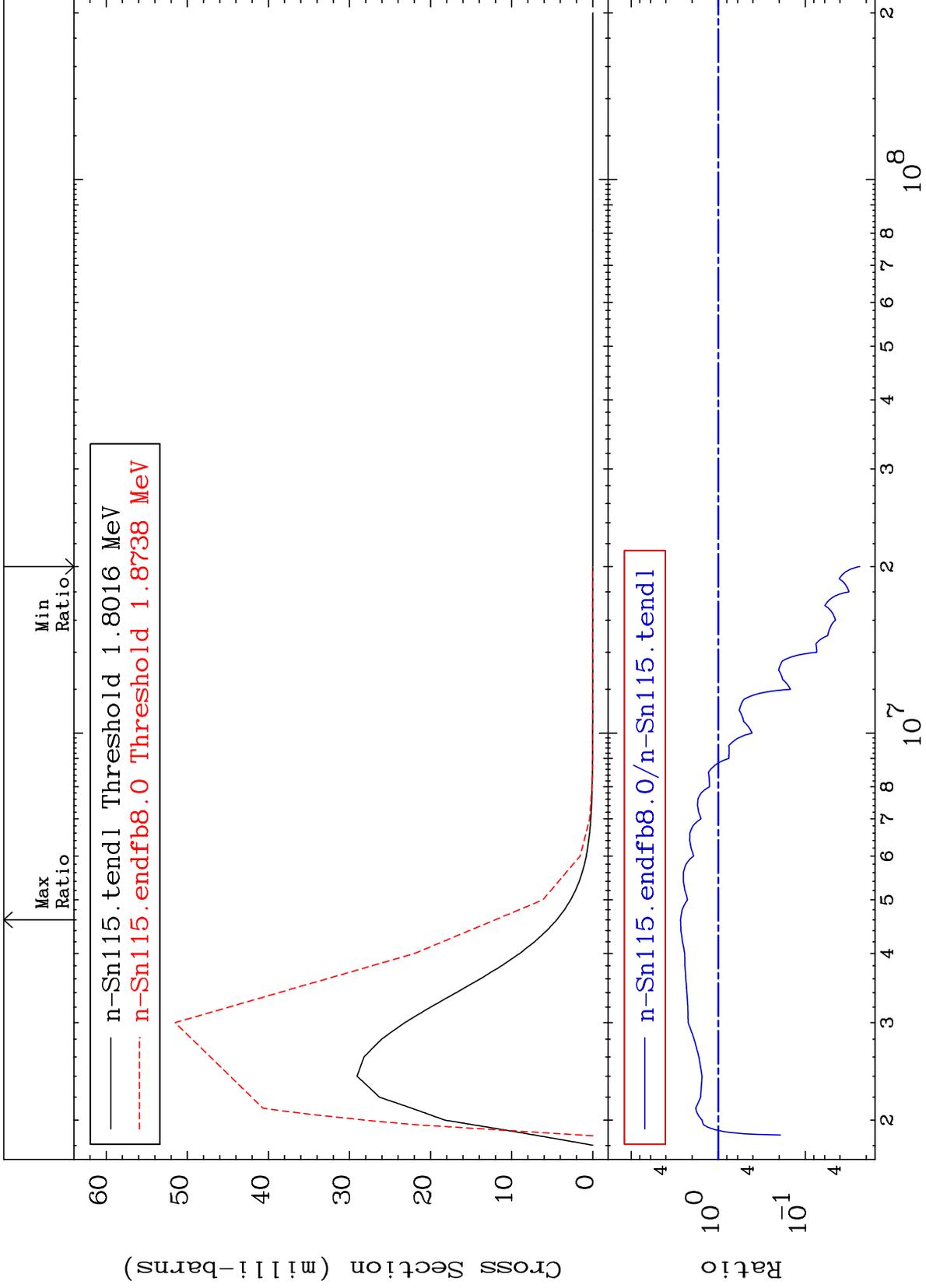
Incident Energy (eV)

50-Sn-115

MAT 5034

MT= 61 (n,n') Level
Cross Section

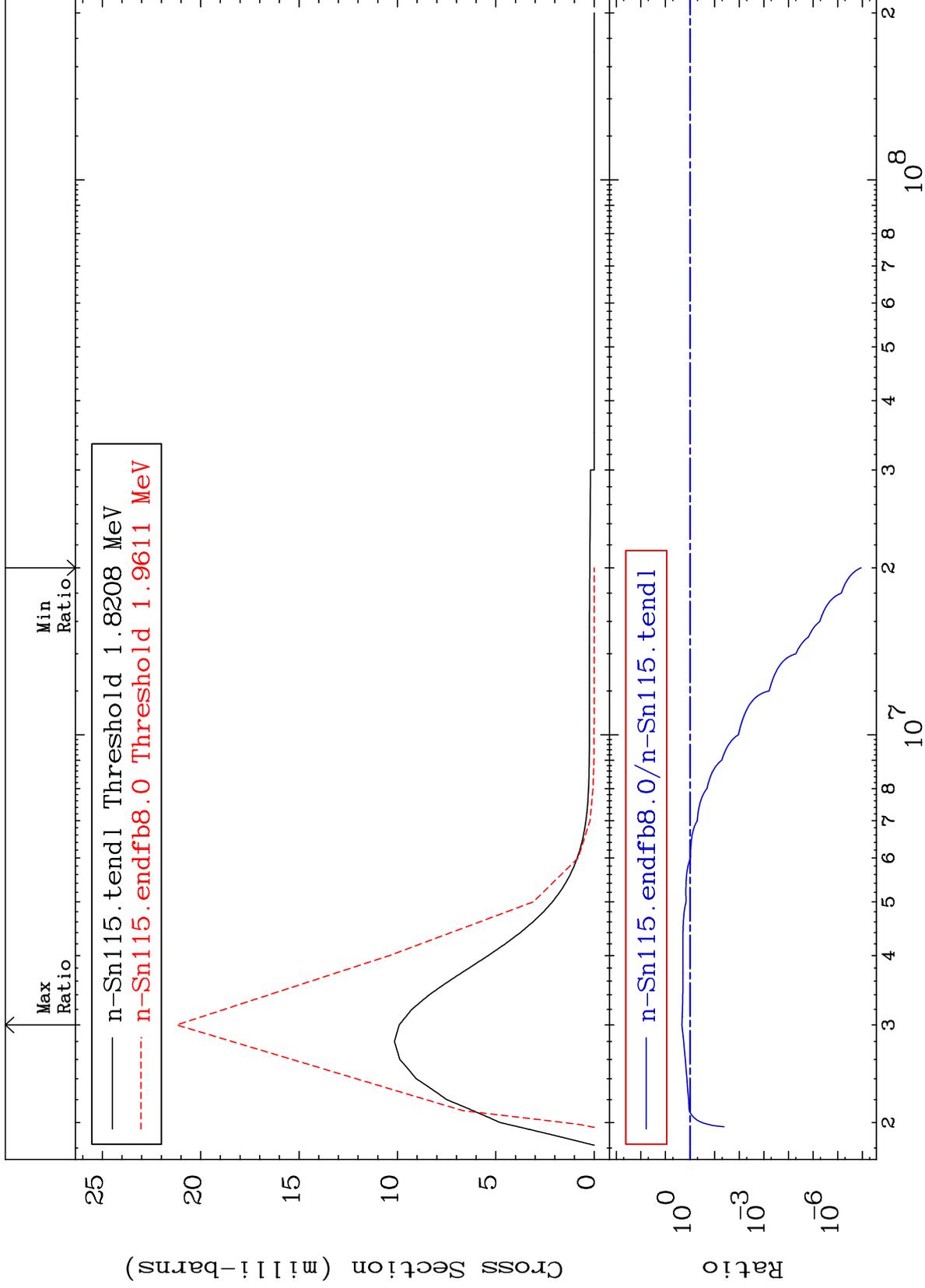
50-Sn-115
-97.63 To 171.9 %



MAT 5034

MT= 62 (n,n') Level
Cross Section

50-Sn-115
-100.0 To 114.2 %



20

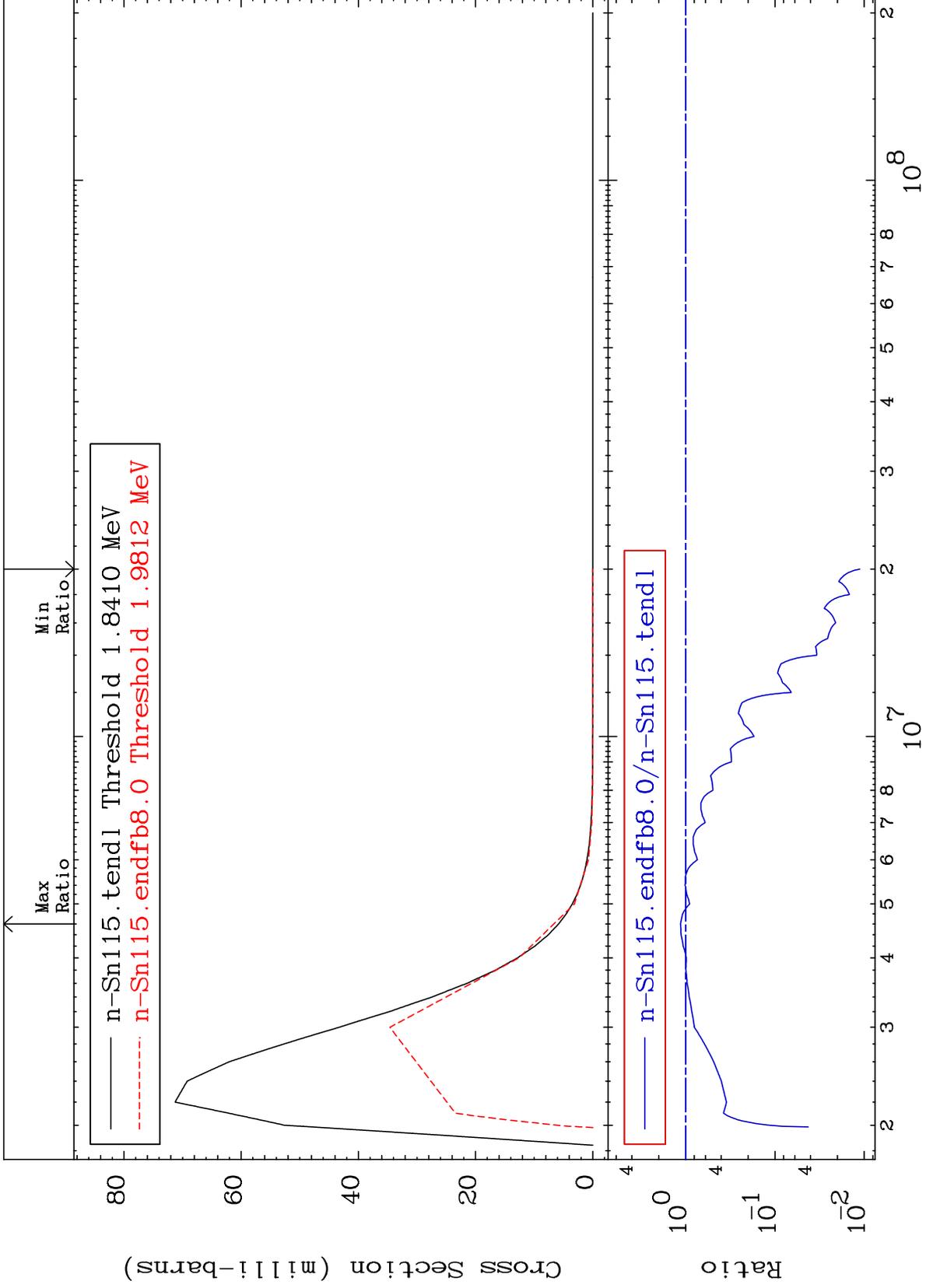
Incident Energy (eV)

50-Sn-115

MAT 5034

MT= 63 (n,n') Level
Cross Section

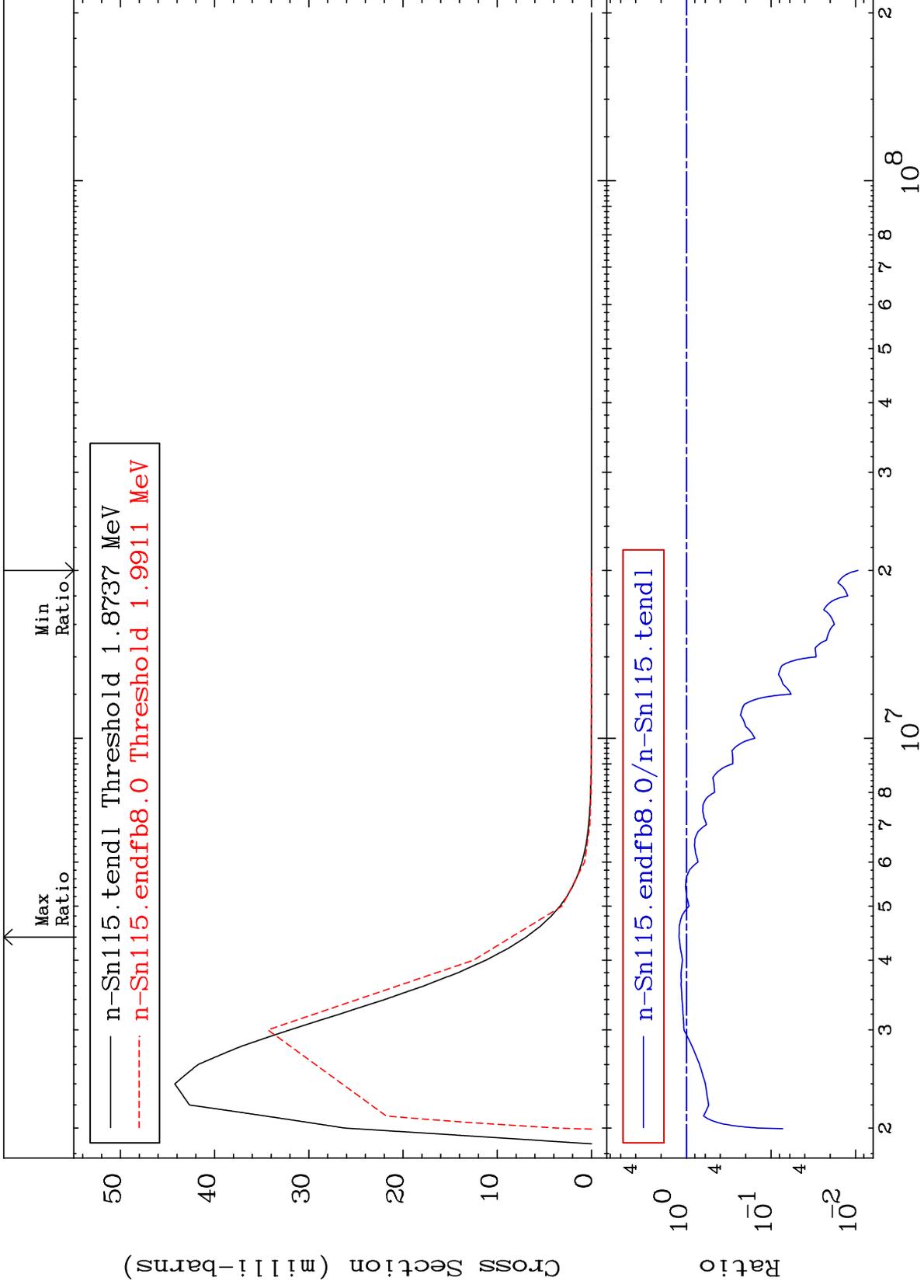
50-Sn-115
-98.88 To 14.19 %



MAT 5034

MT= 64 (n,n') Level
Cross Section

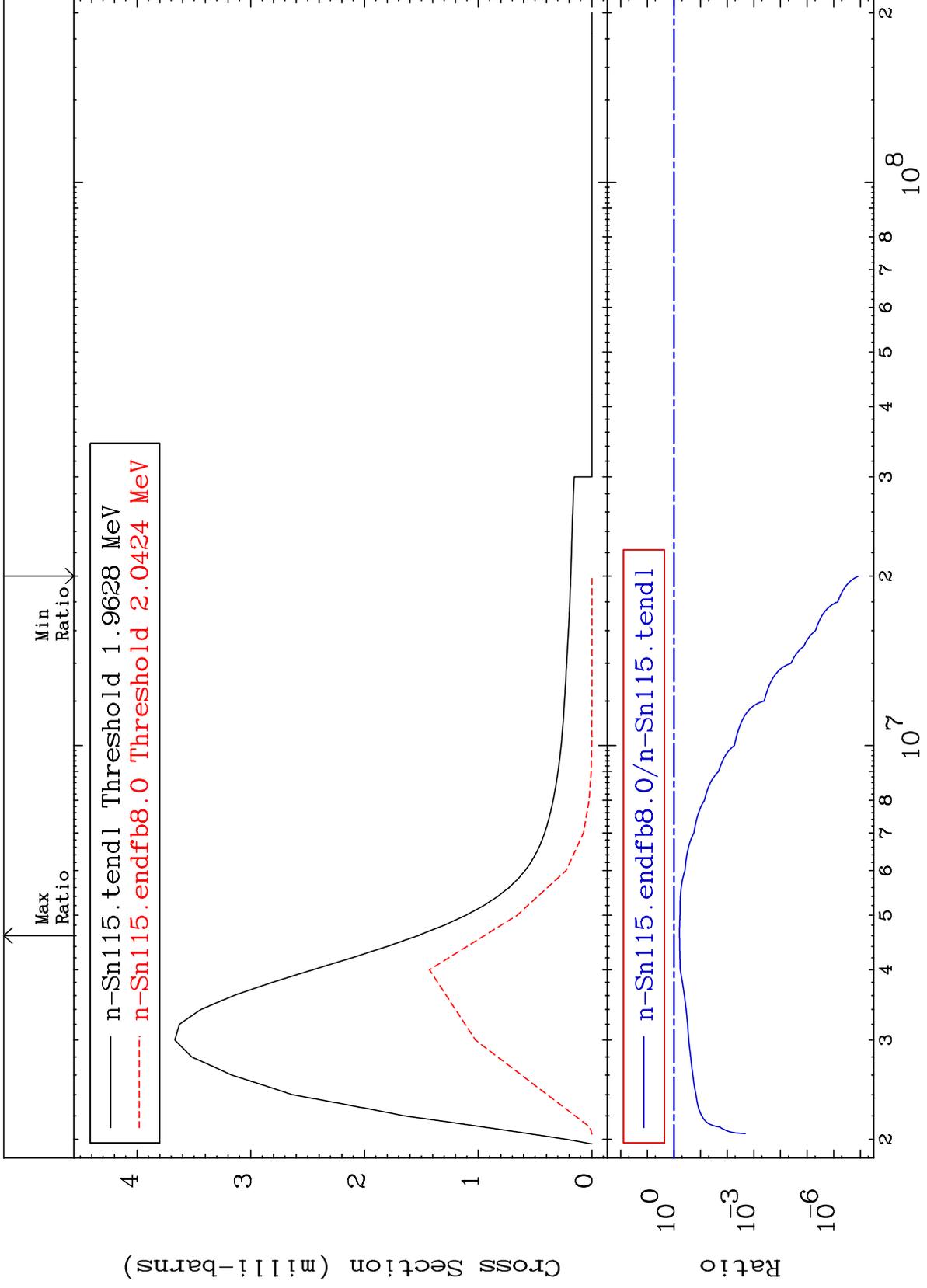
50-Sn-115
-99.06 To 22.69 %



MAT 5034

MT= 65 (n,n') Level
Cross Section

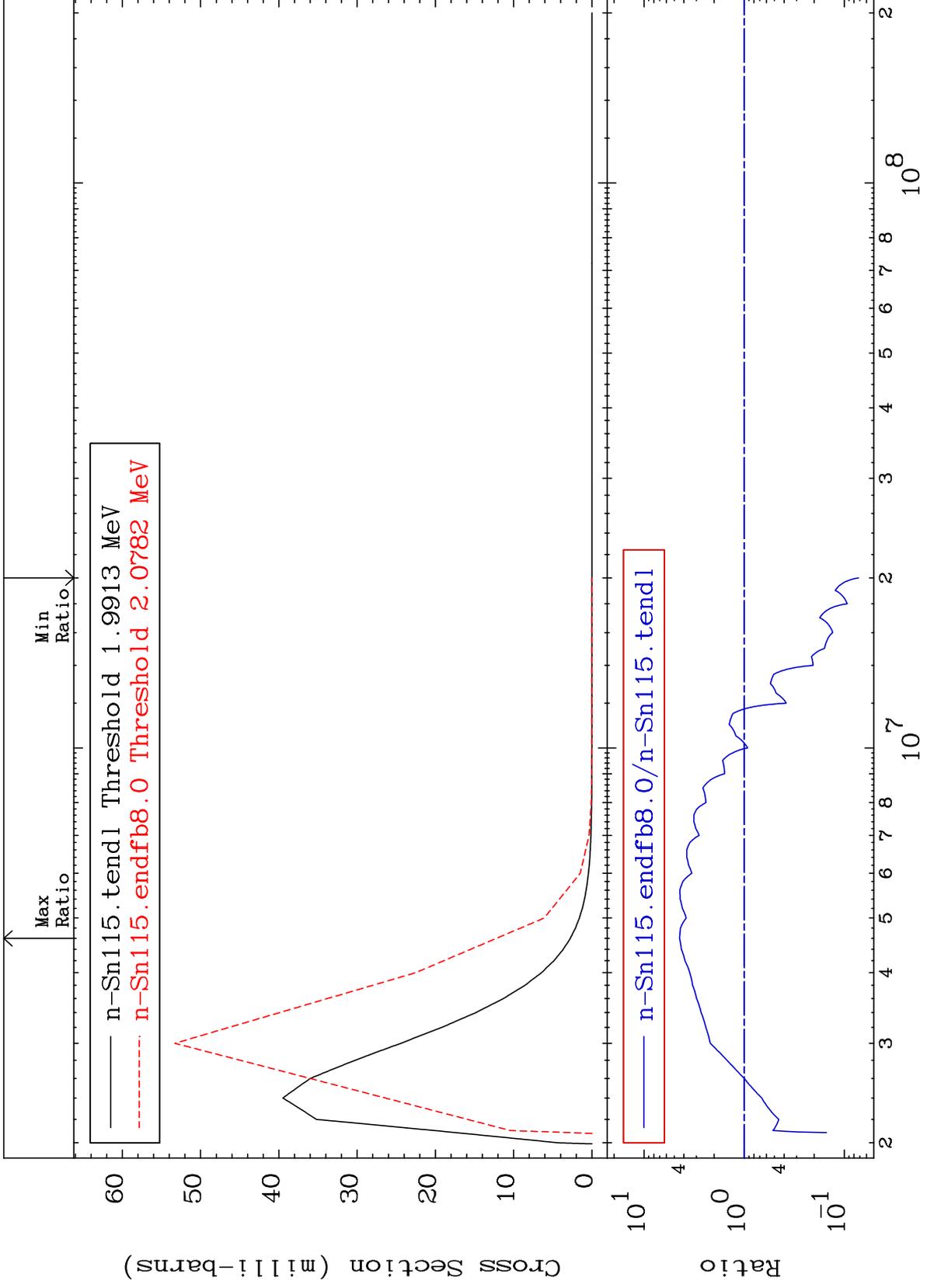
50-Sn-115
-100.0 To -38.11%



MAT 5034

MT= 66 (n,n') Level
Cross Section

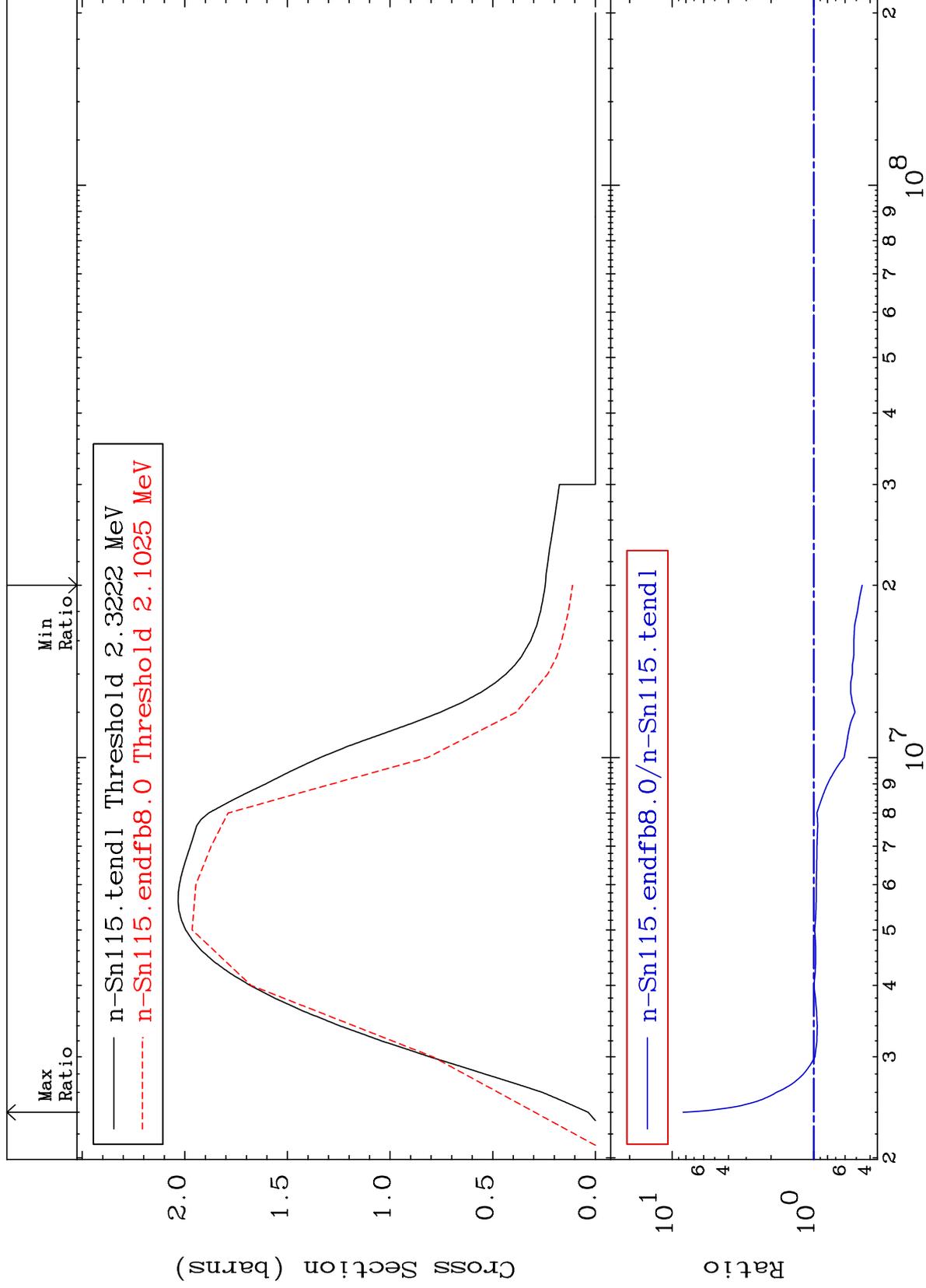
50-Sn-115
-92.79 To 342.8 %



MAT 5034

(n, n') Continuum
Cross Section

50-Sn-115
-54.51 To 737.7 %



25

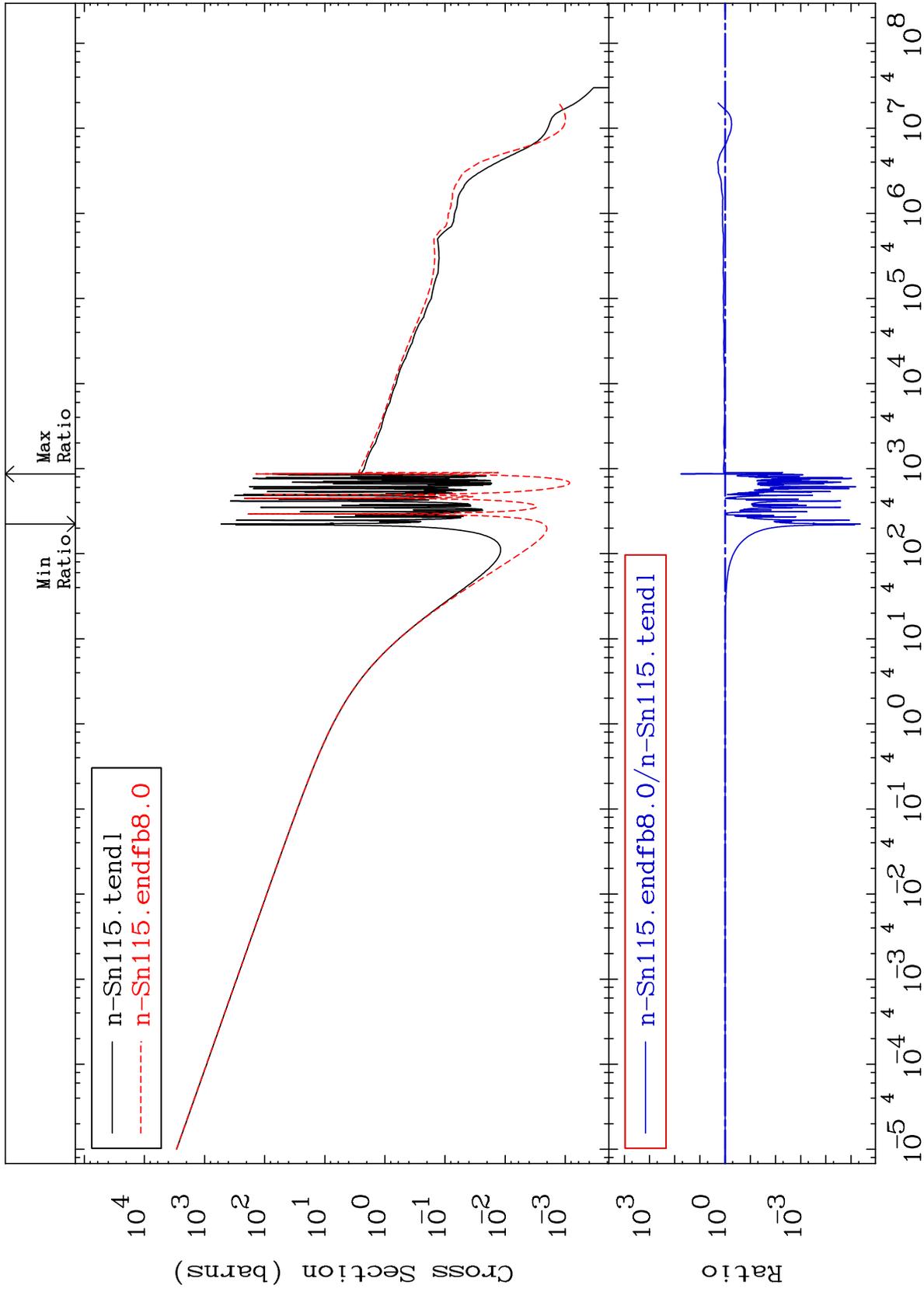
Incident Energy (eV)

50-Sn-115

MAT 5034

(n, γ)
Cross Section

50-Sn-115
-100.0 To 5451. %

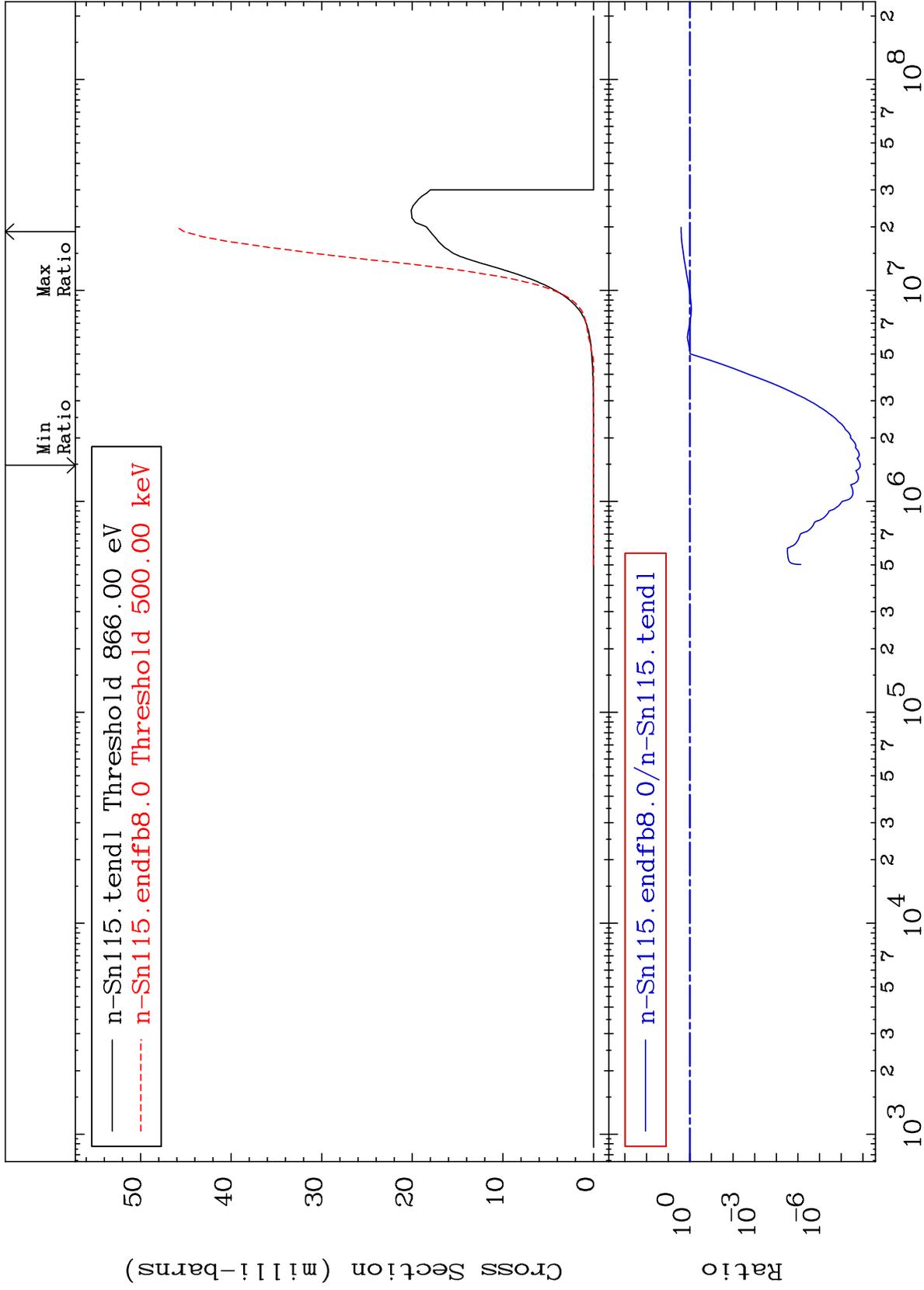


MAT 5034

(n,p)
Cross Section

50-Sn-115

-100.0 To 150.8 %



27

Incident Energy (eV)

50-Sn-115

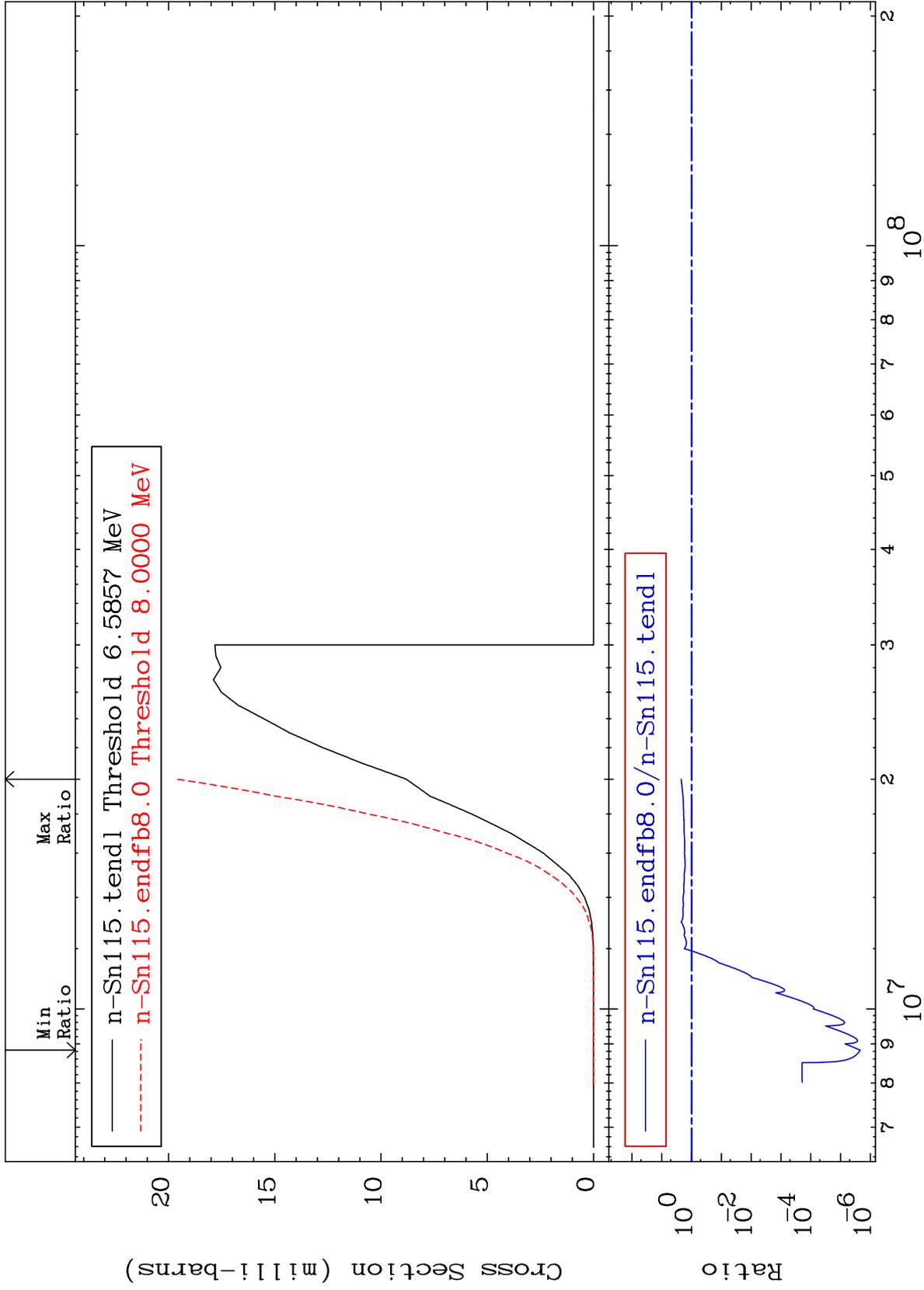
MAT 5034

(n, d)

50-Sn-115

Cross Section

-100.0 To 122.7 %



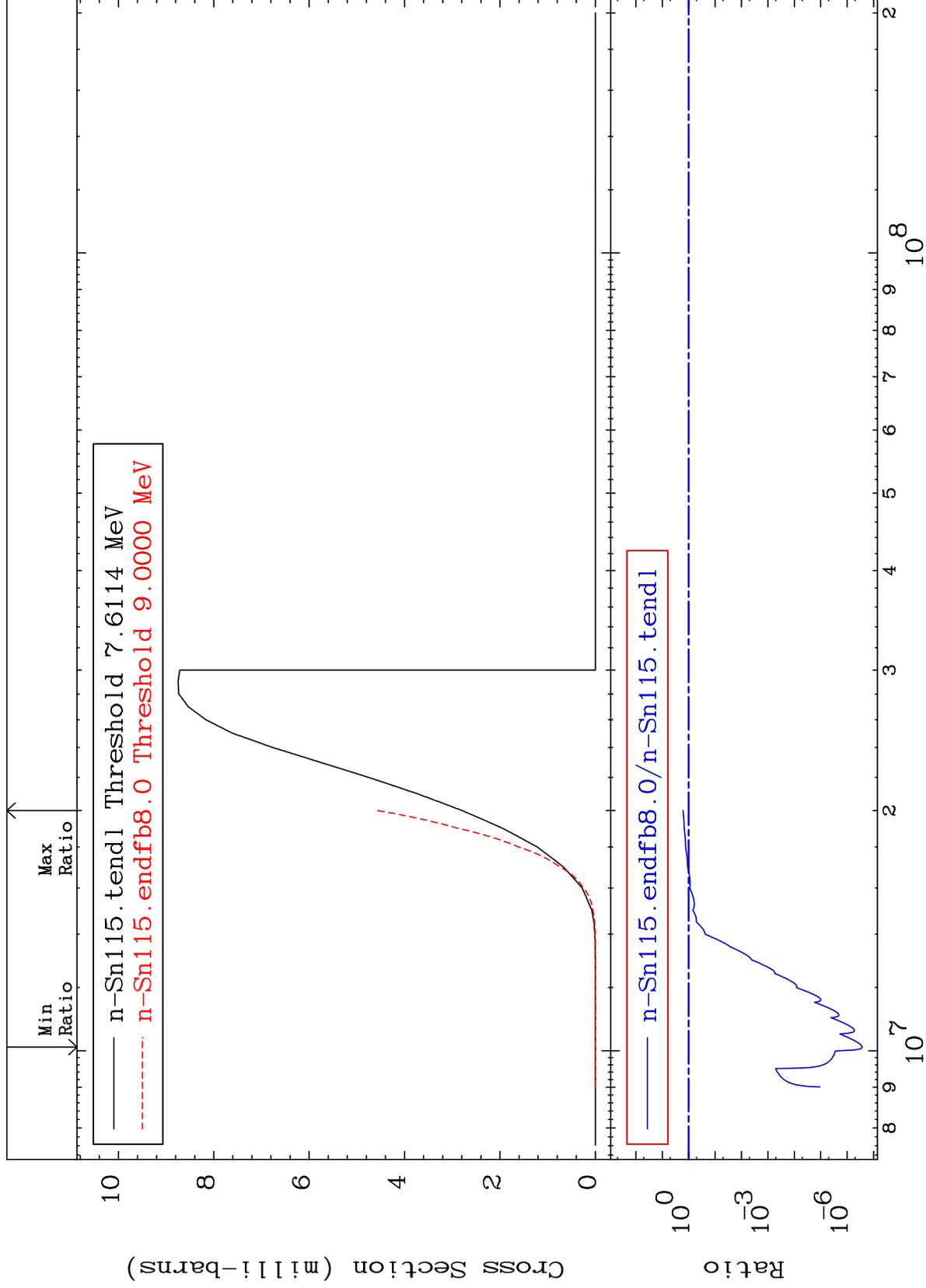
MAT 5034

(n, t)

50-Sn-115

Cross Section

-100.0 To 63.52 %



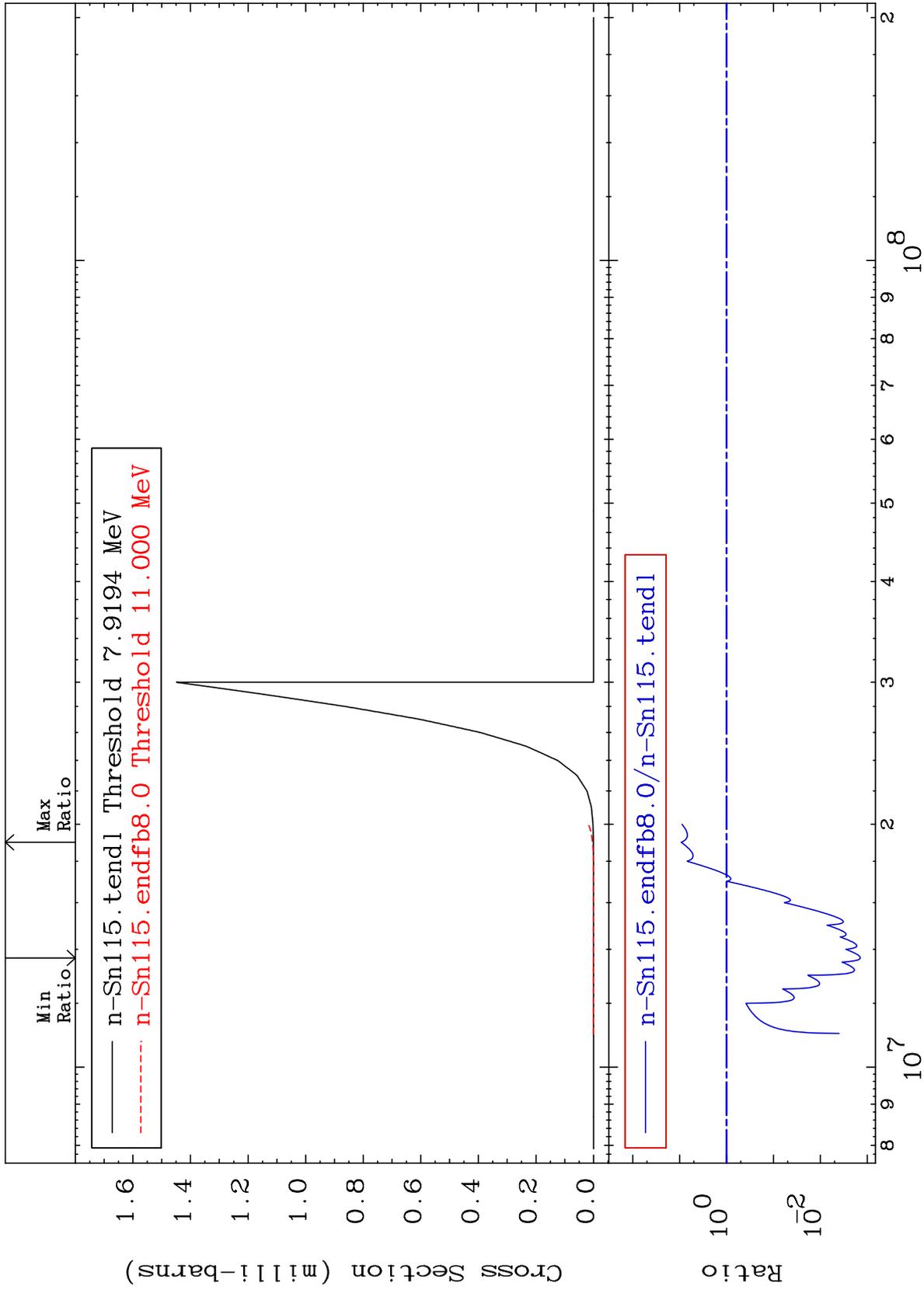
MAT 5034

(n, He-3)

50-Sn-115

Cross Section

-99.86 To 830.7 %



30

Incident Energy (eV)

50-Sn-115

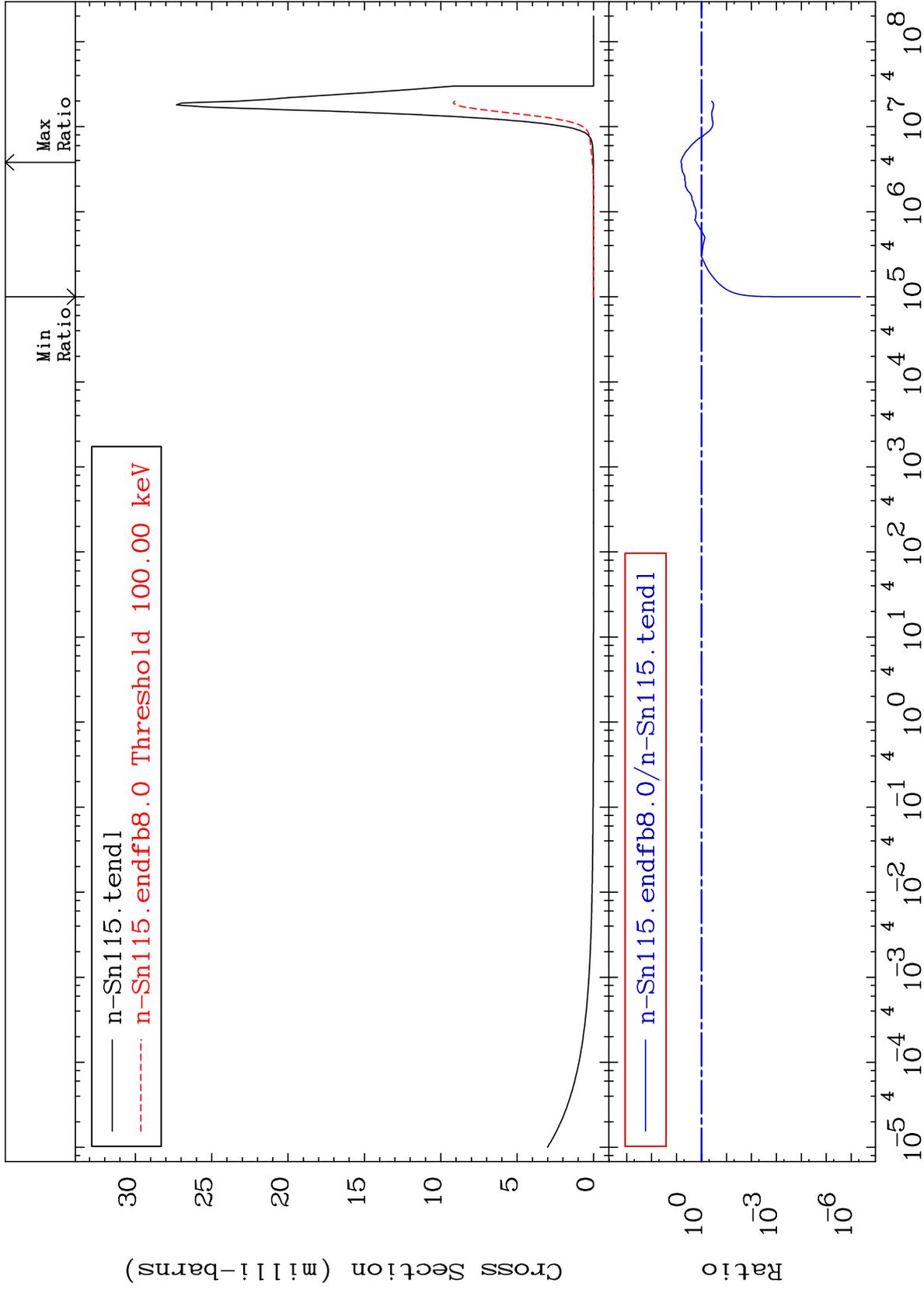
MAT 5034

(n, α)

50-Sn-115

Cross Section

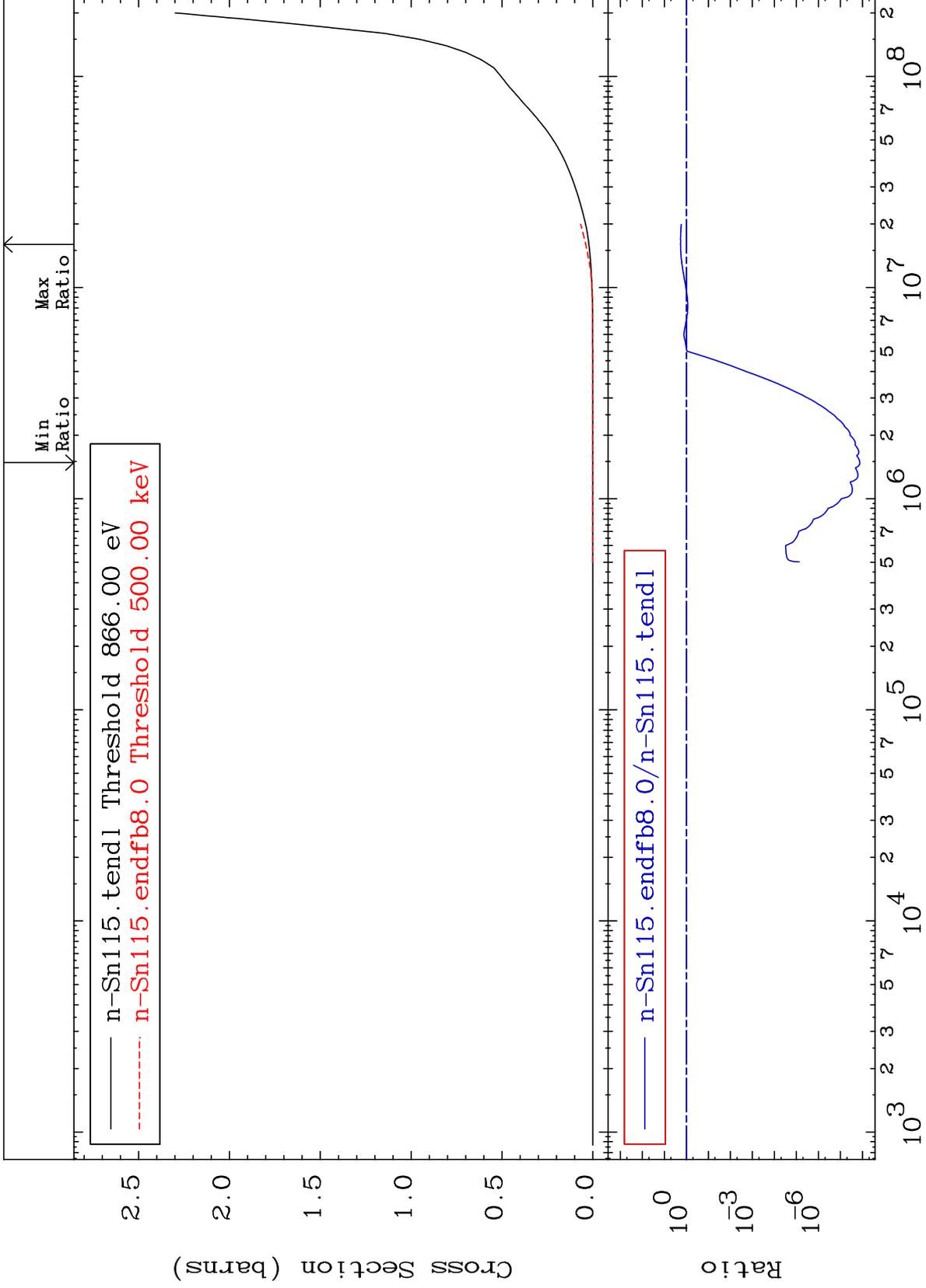
-100.0 To 553.3 %



MAT 5034

Hydrogen Production
Cross Section

50-Sn-115
-100.0 To 83.57 %



32

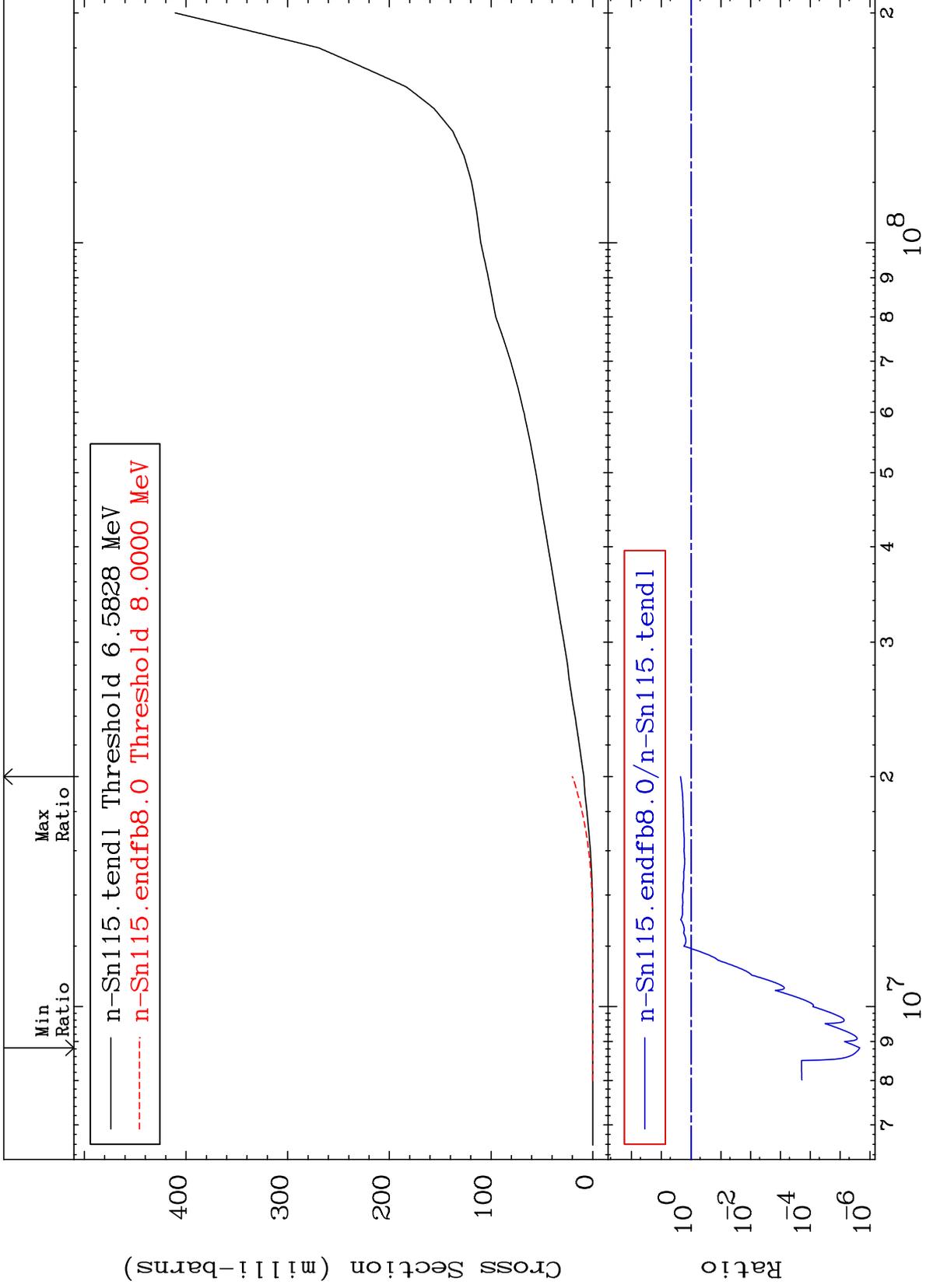
Incident Energy (eV)

50-Sn-115

MAT 5034

Deuterium Production
Cross Section

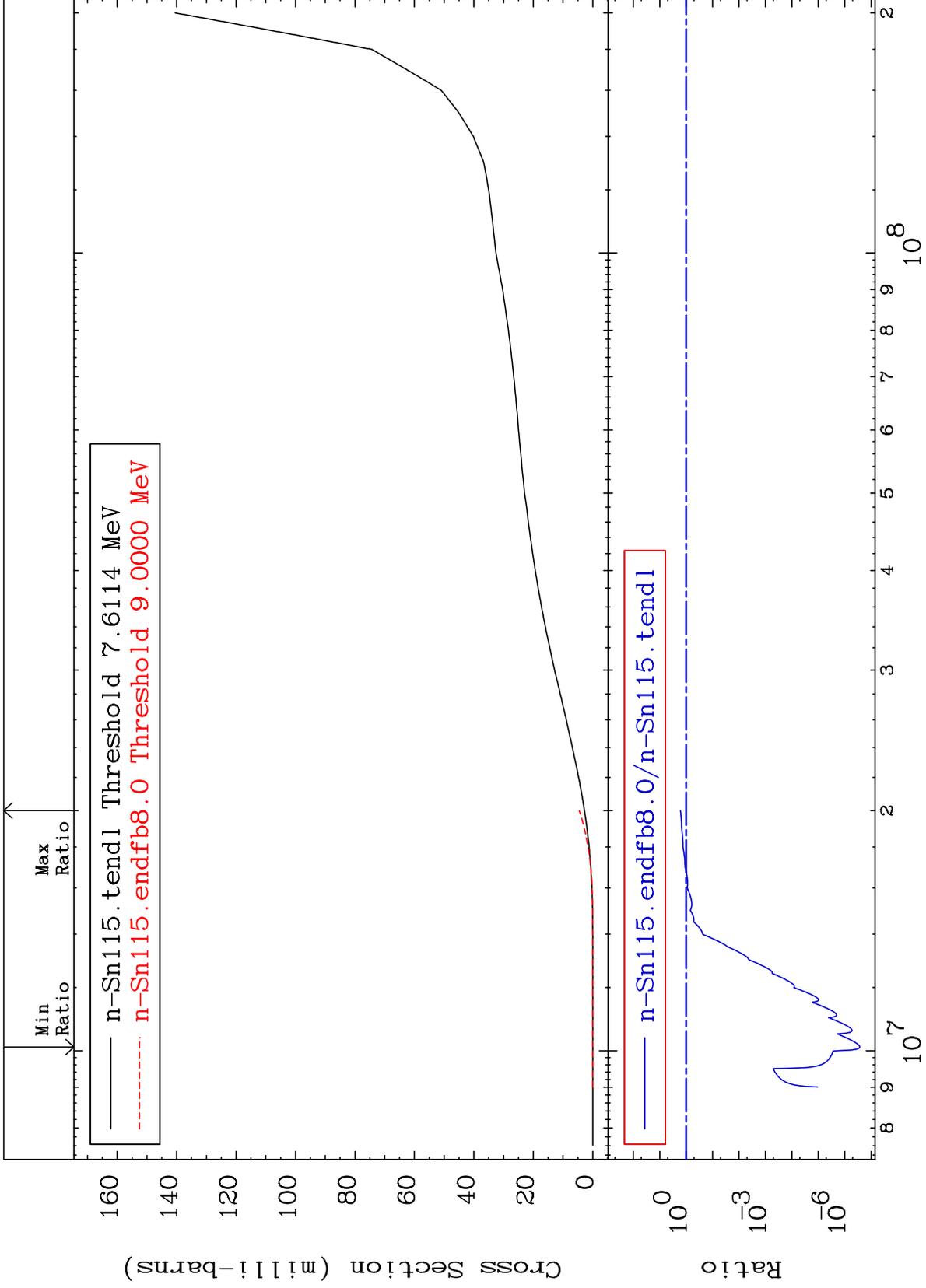
50-Sn-115
-100.0 To 126.1 %



MAT 5034

Tritium Production
Cross Section

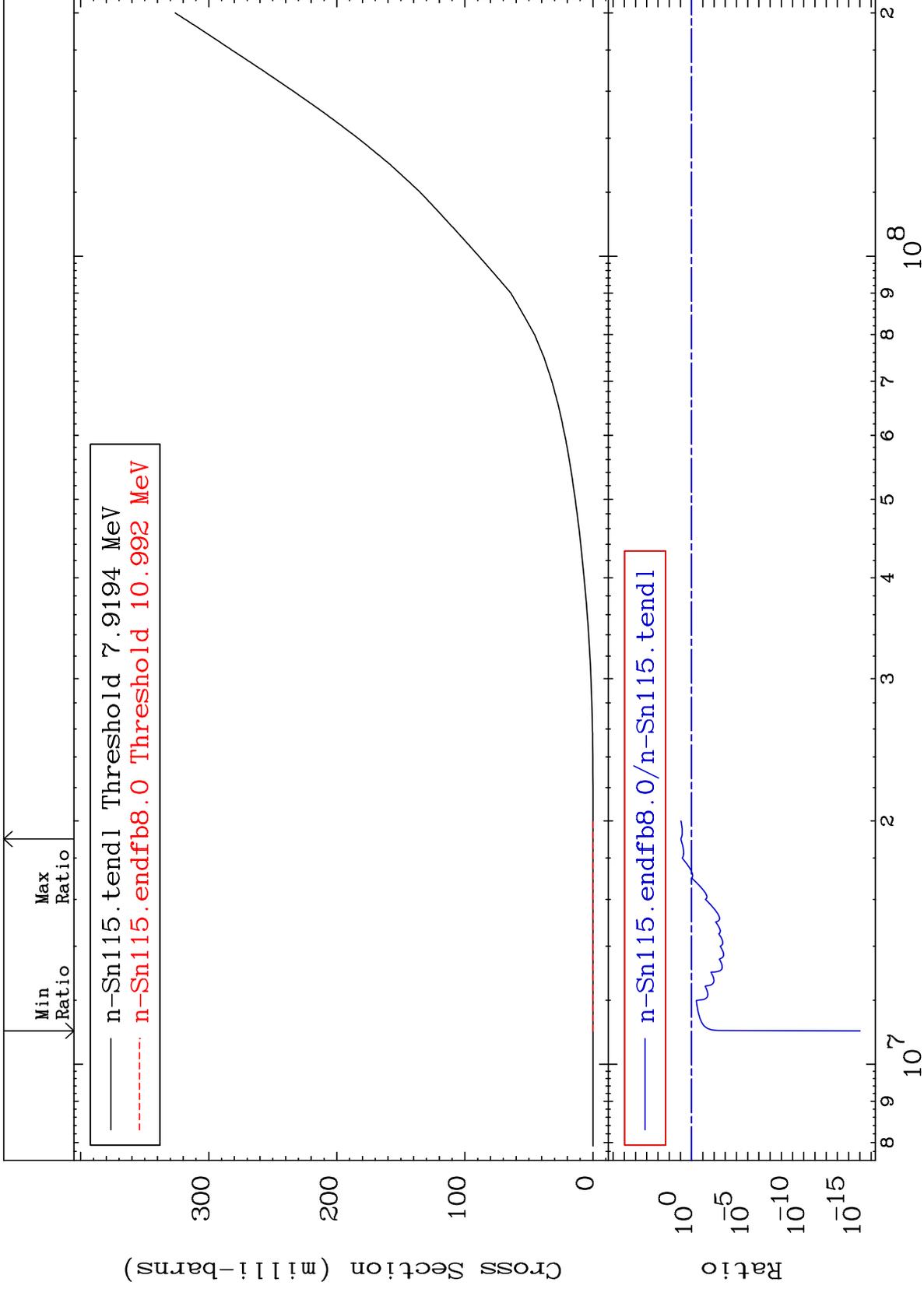
50-Sn-115
-100.0 To 63.52 %



MAT 5034

He-3 Production
Cross Section

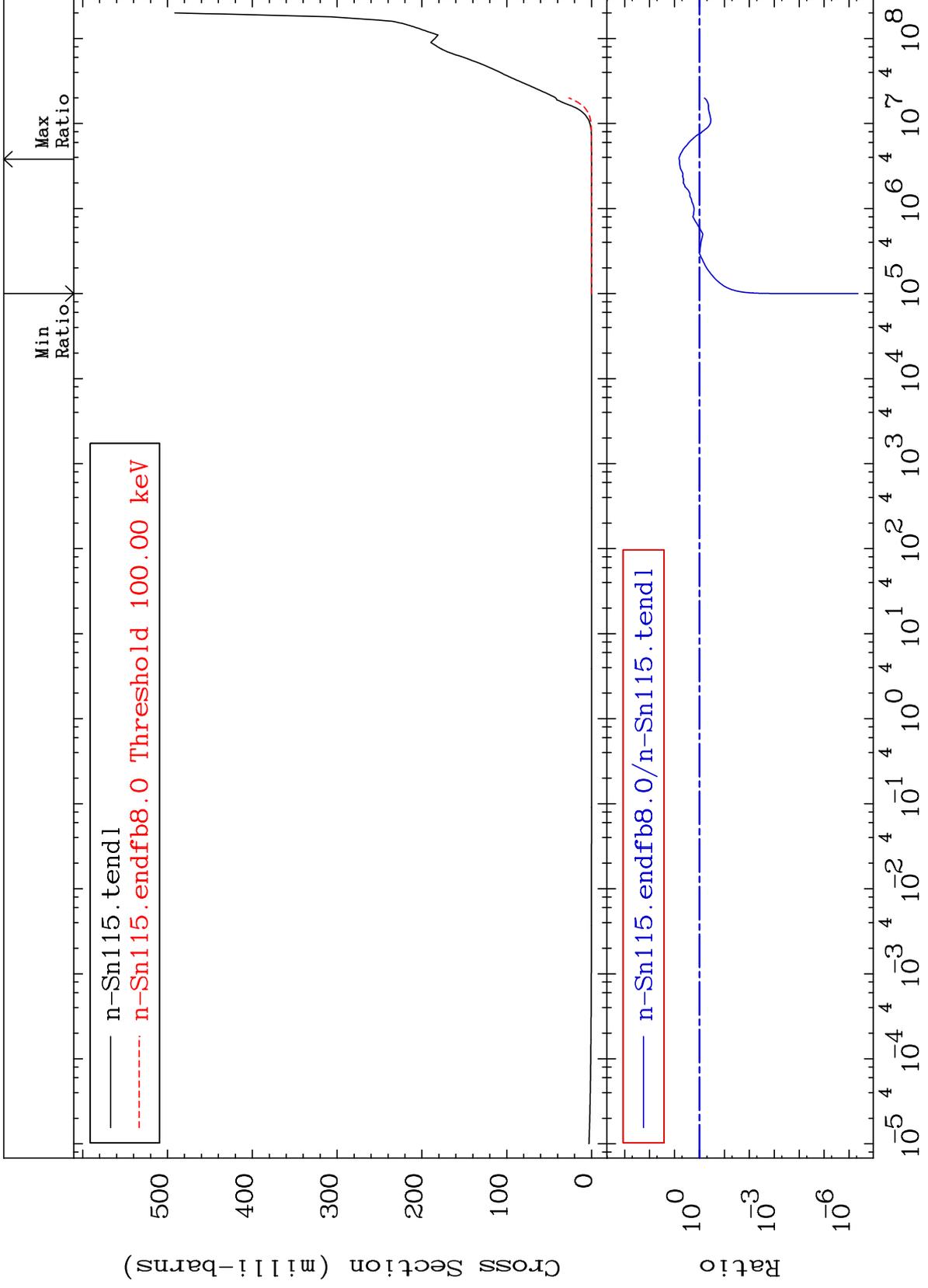
50-Sn-115
-100.0 To 830.7 %

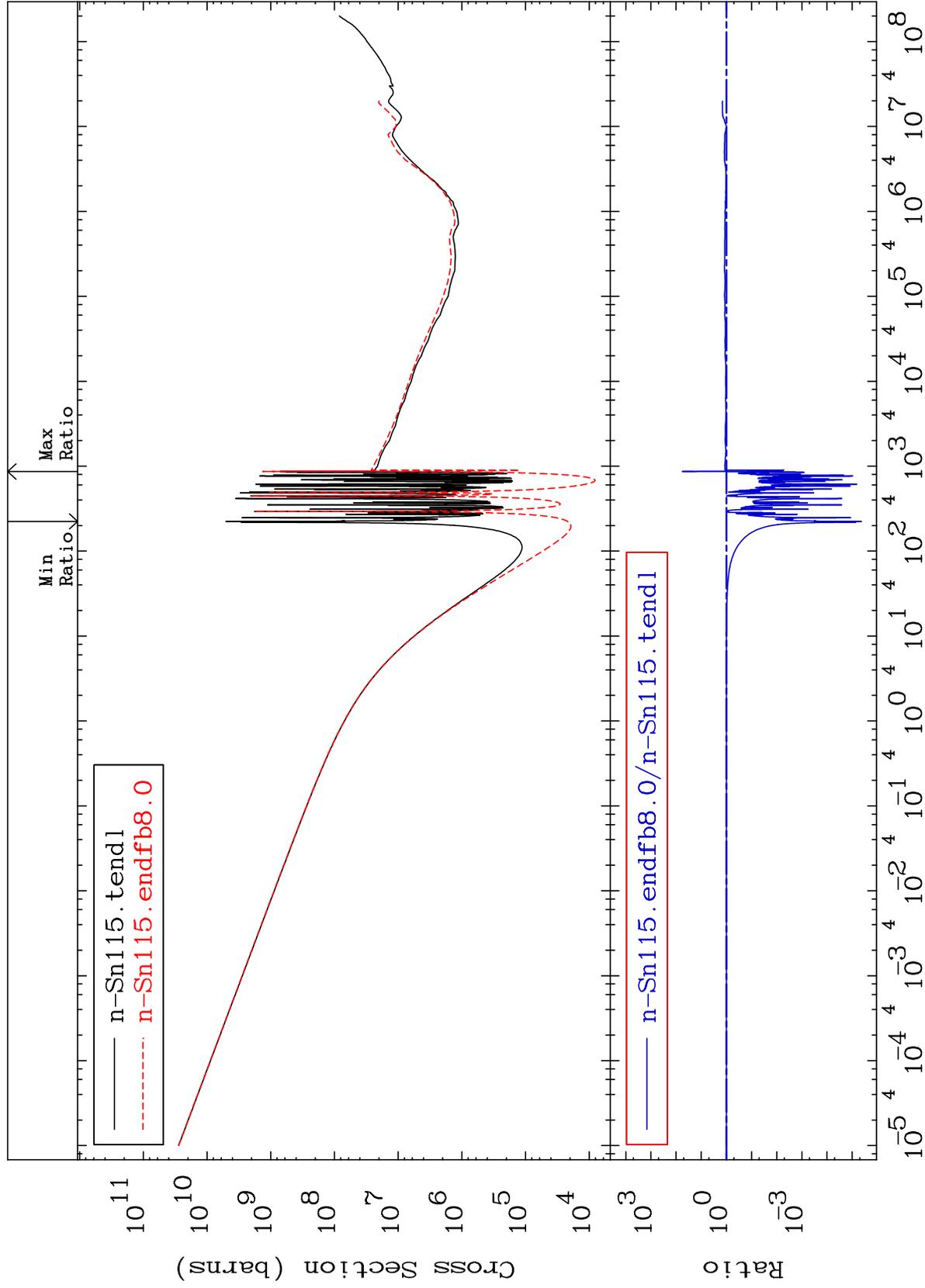


35

Incident Energy (eV)

50-Sn-115

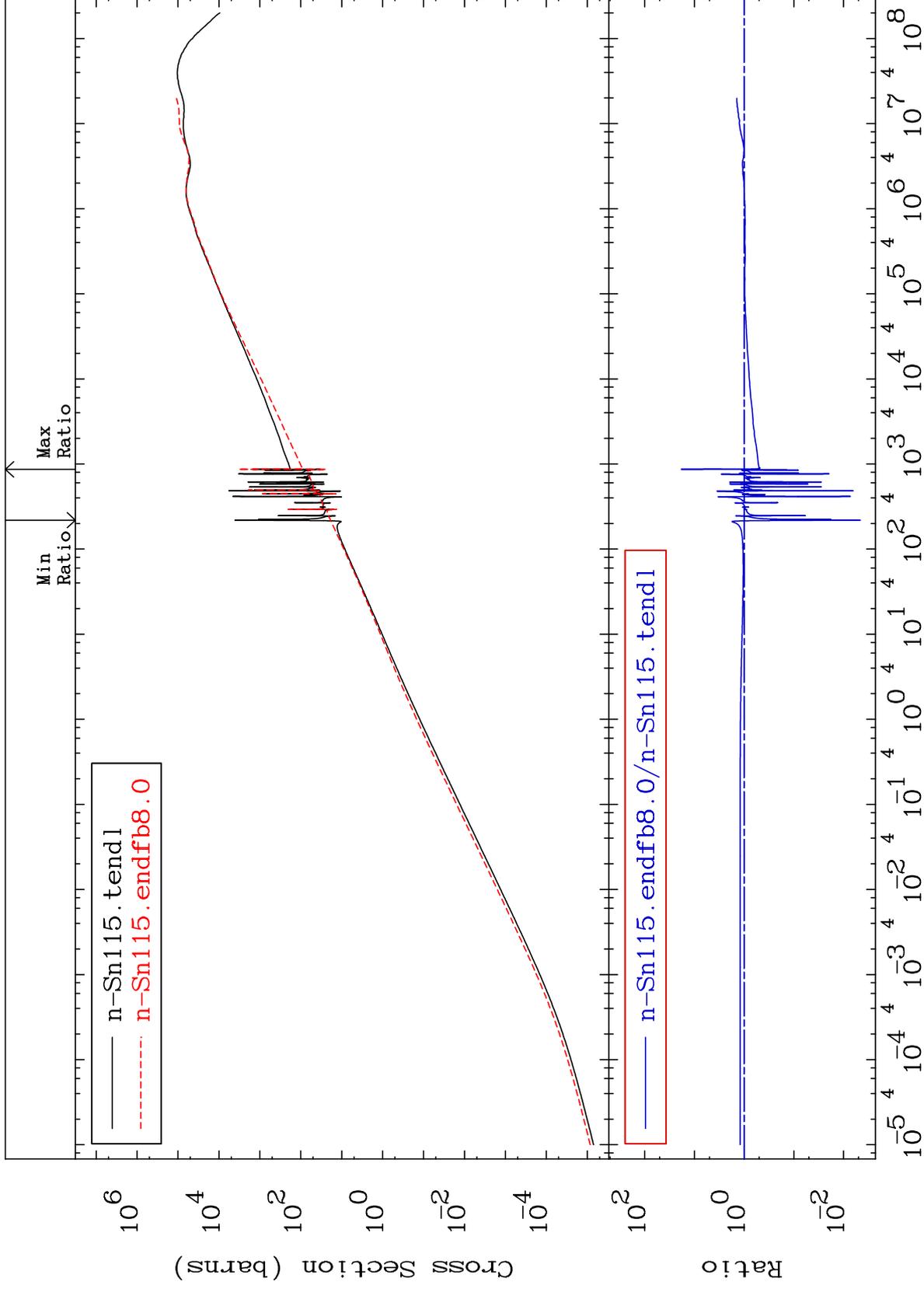


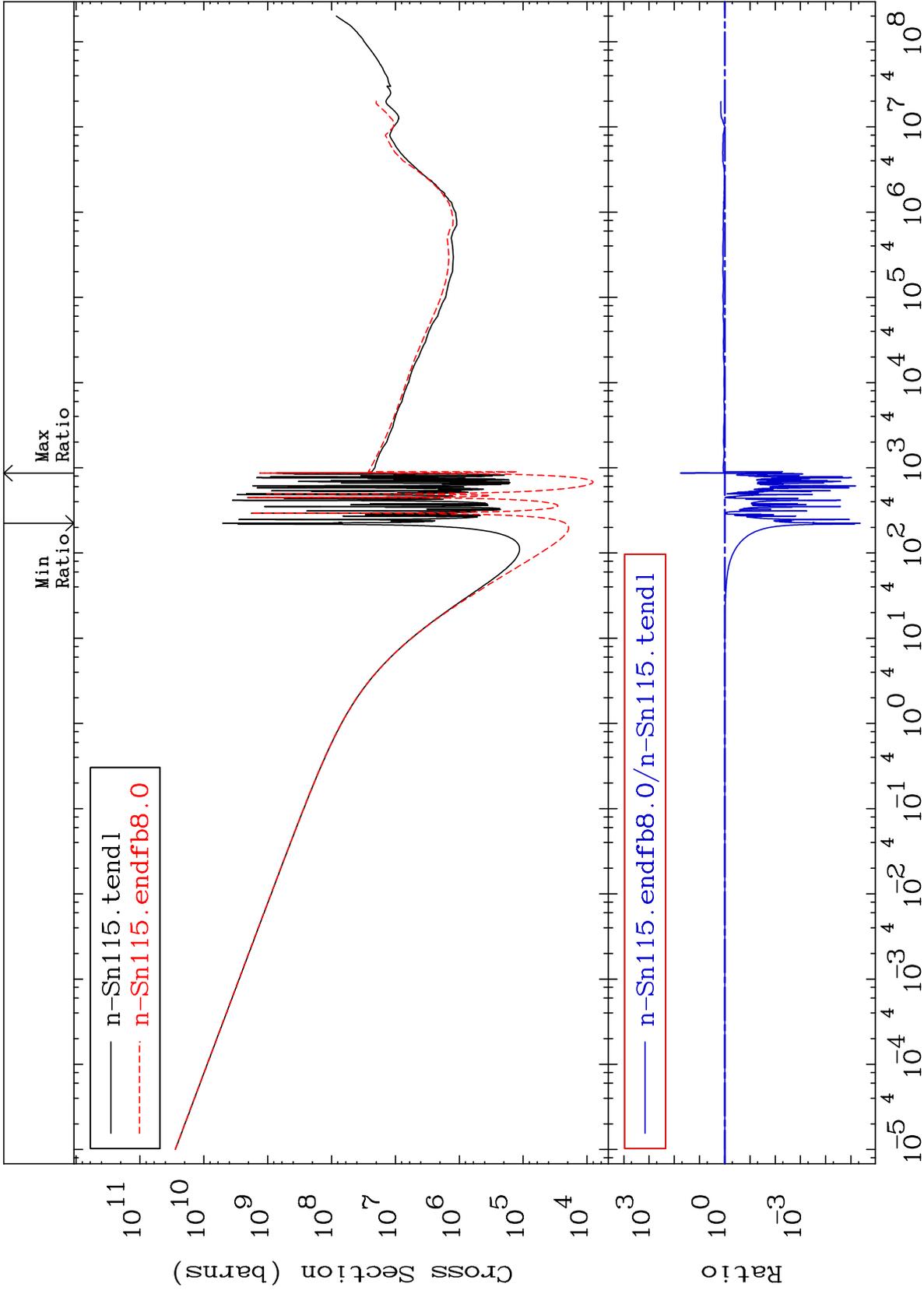


MAT 5034

Kerma elastic
Cross Section

50-Sn-115
-99.54 To 1750. %

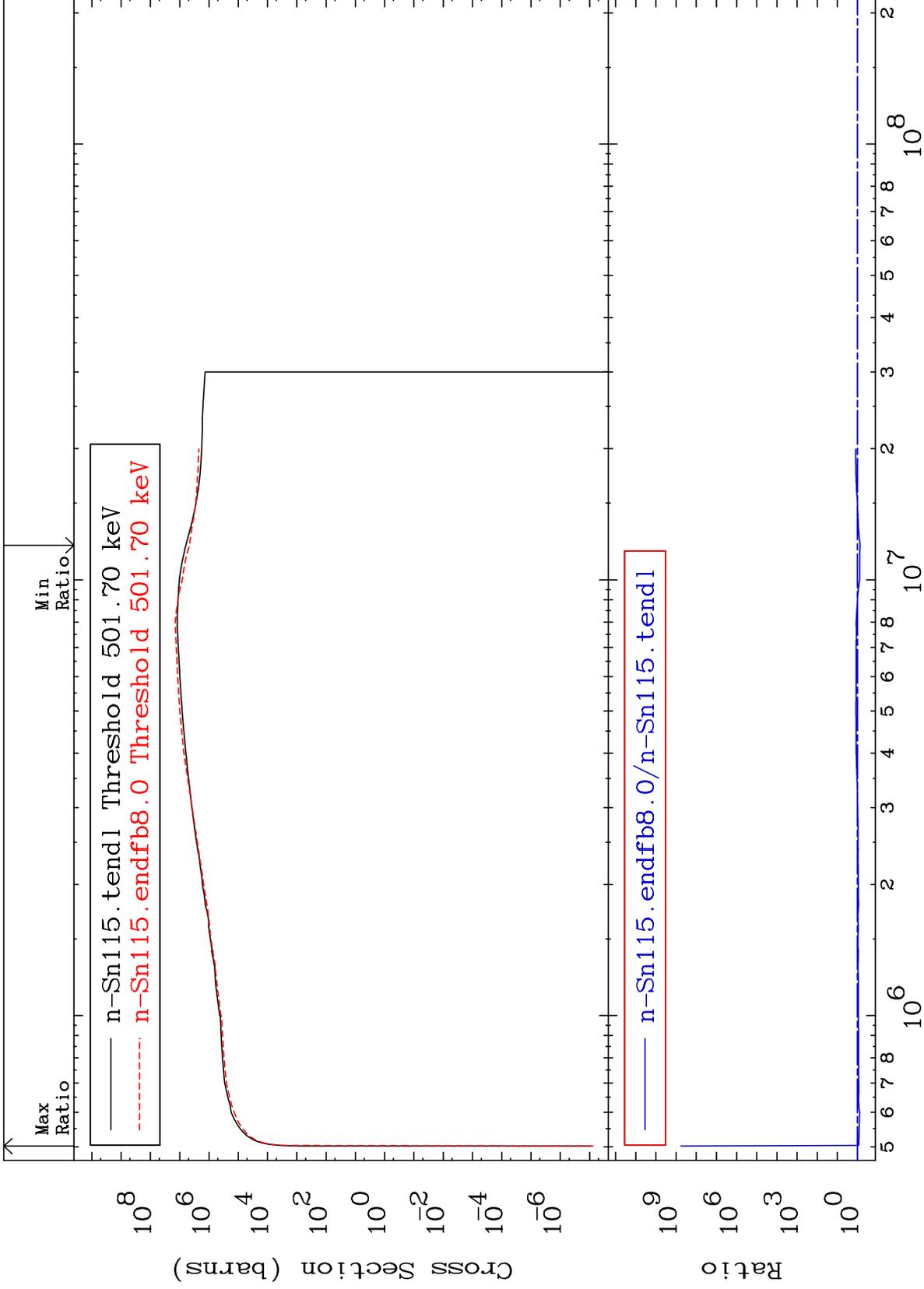




MAT 5034

Kerma inelastic (mt51-91)
Cross Section

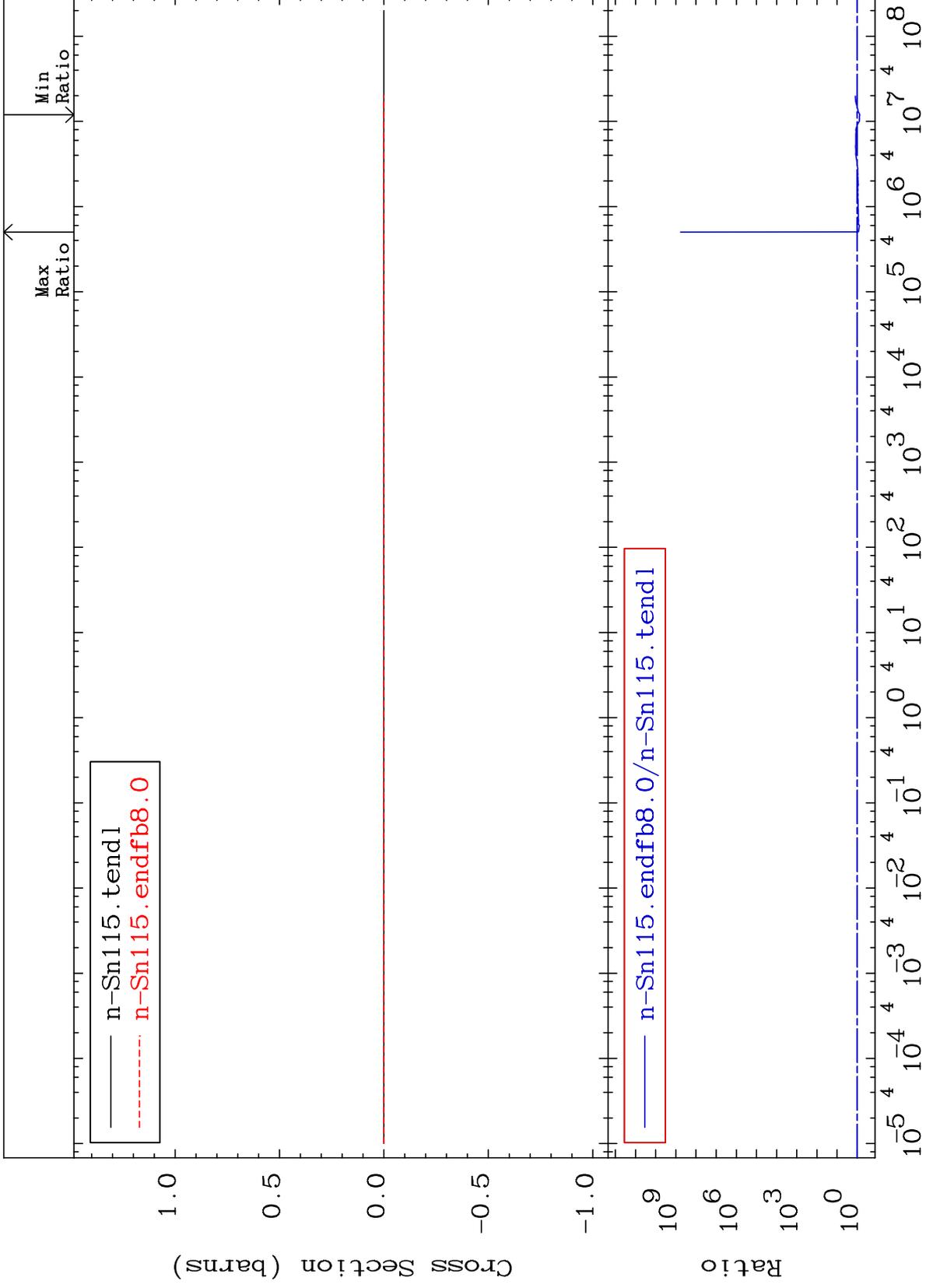
50-Sn-115
-25.17 To 9999. %



MAT 5034

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

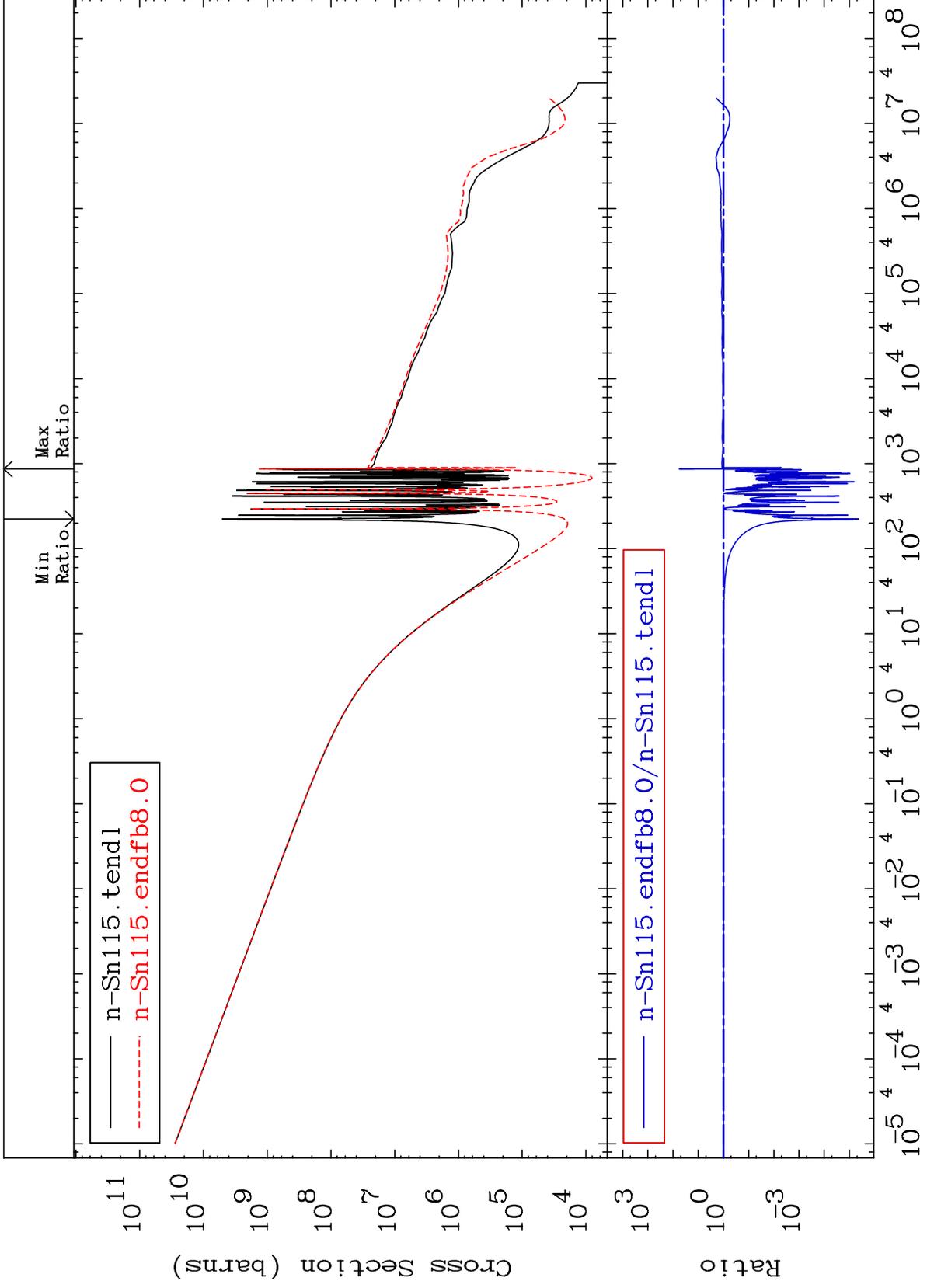
50-Sn-115
-25.17 To 9999. %



MAT 5034

Kerma capture (mt102)
Cross Section

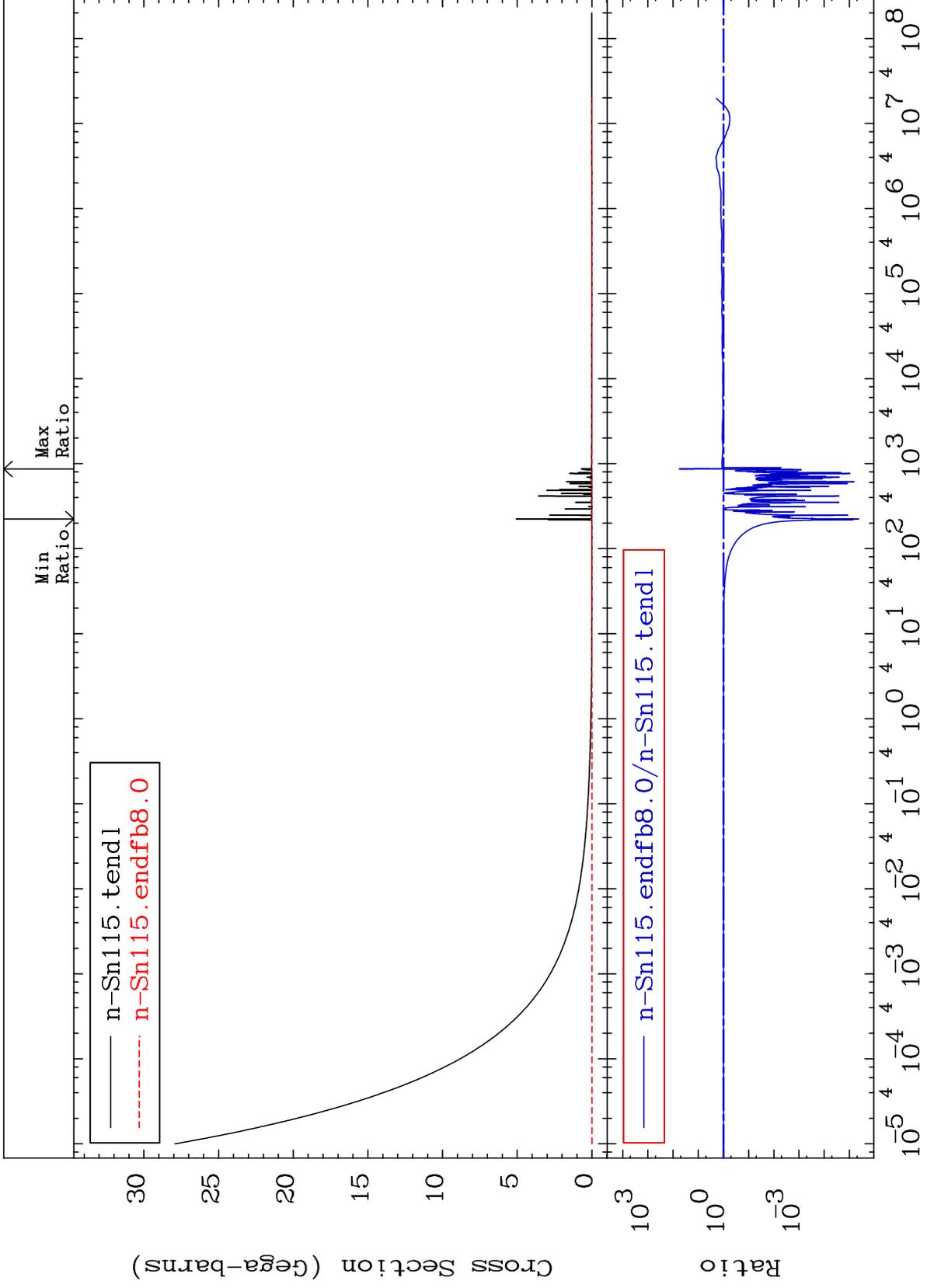
50-Sn-115
-100.0 To 5451. %

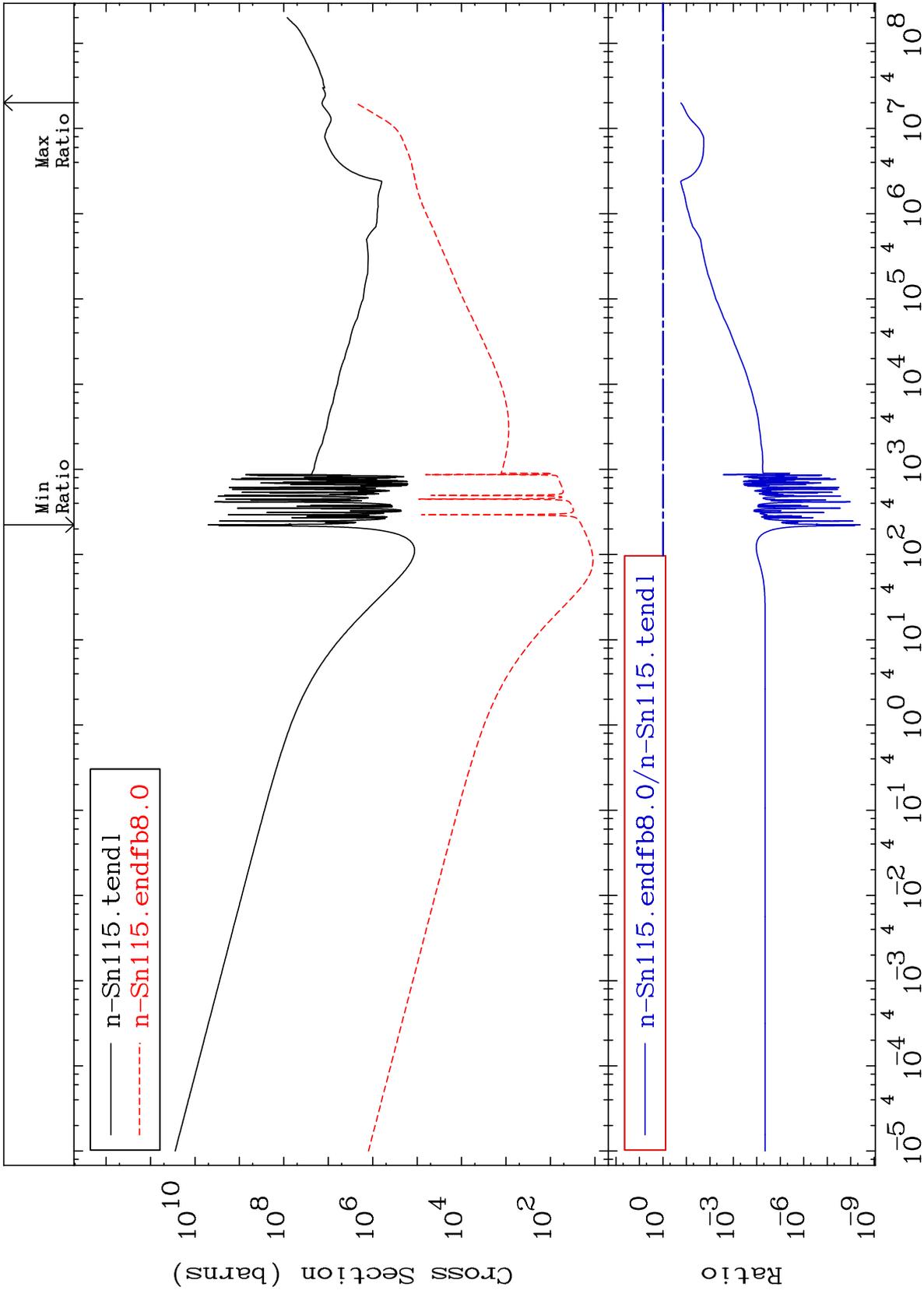


MAT 5034

Total photon (eV-barns)
Cross Section

50-Sn-115
-100.0 To 5451. %



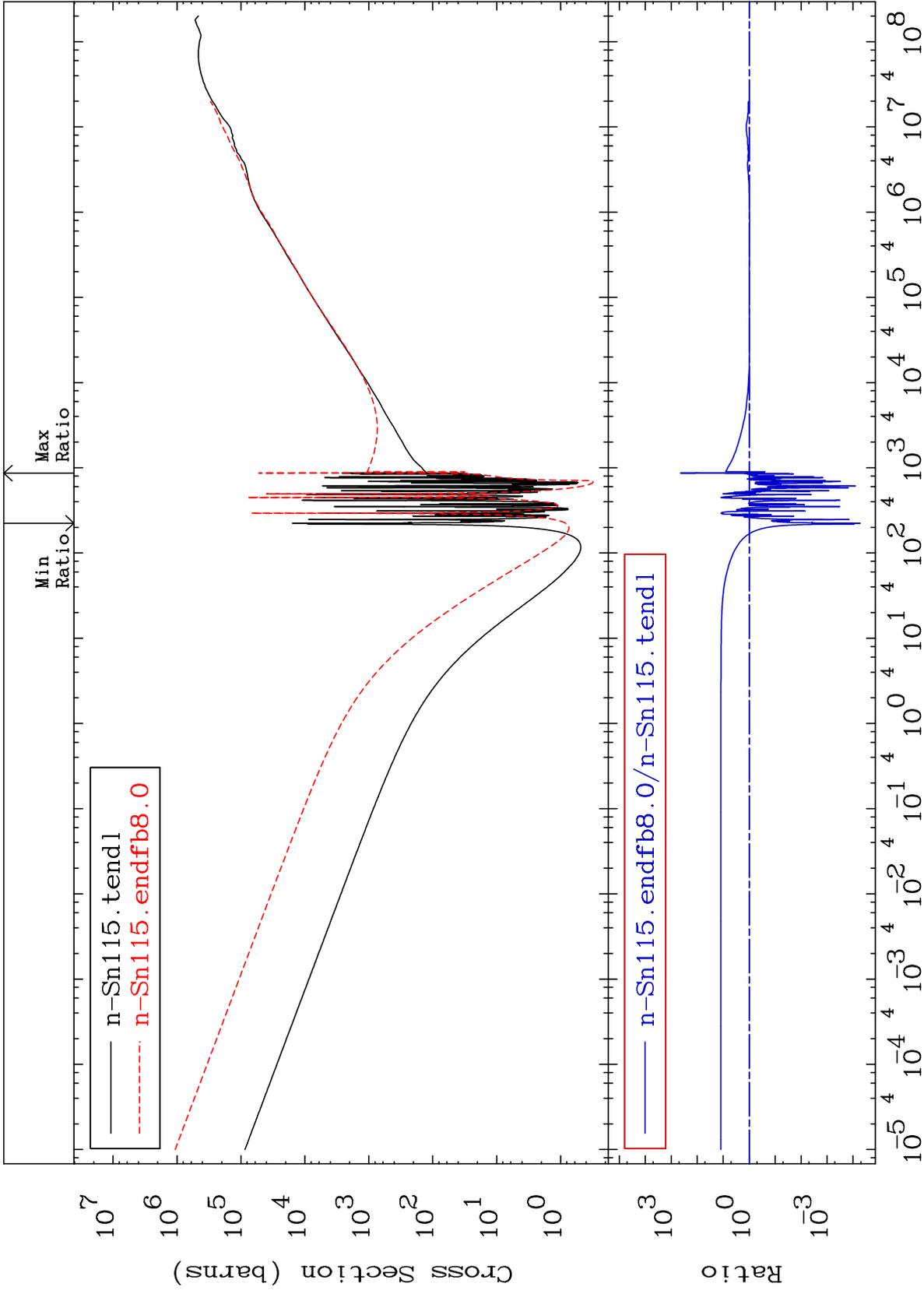


MAT 5034

Dpa total (eV-barns)

50-Sn-115

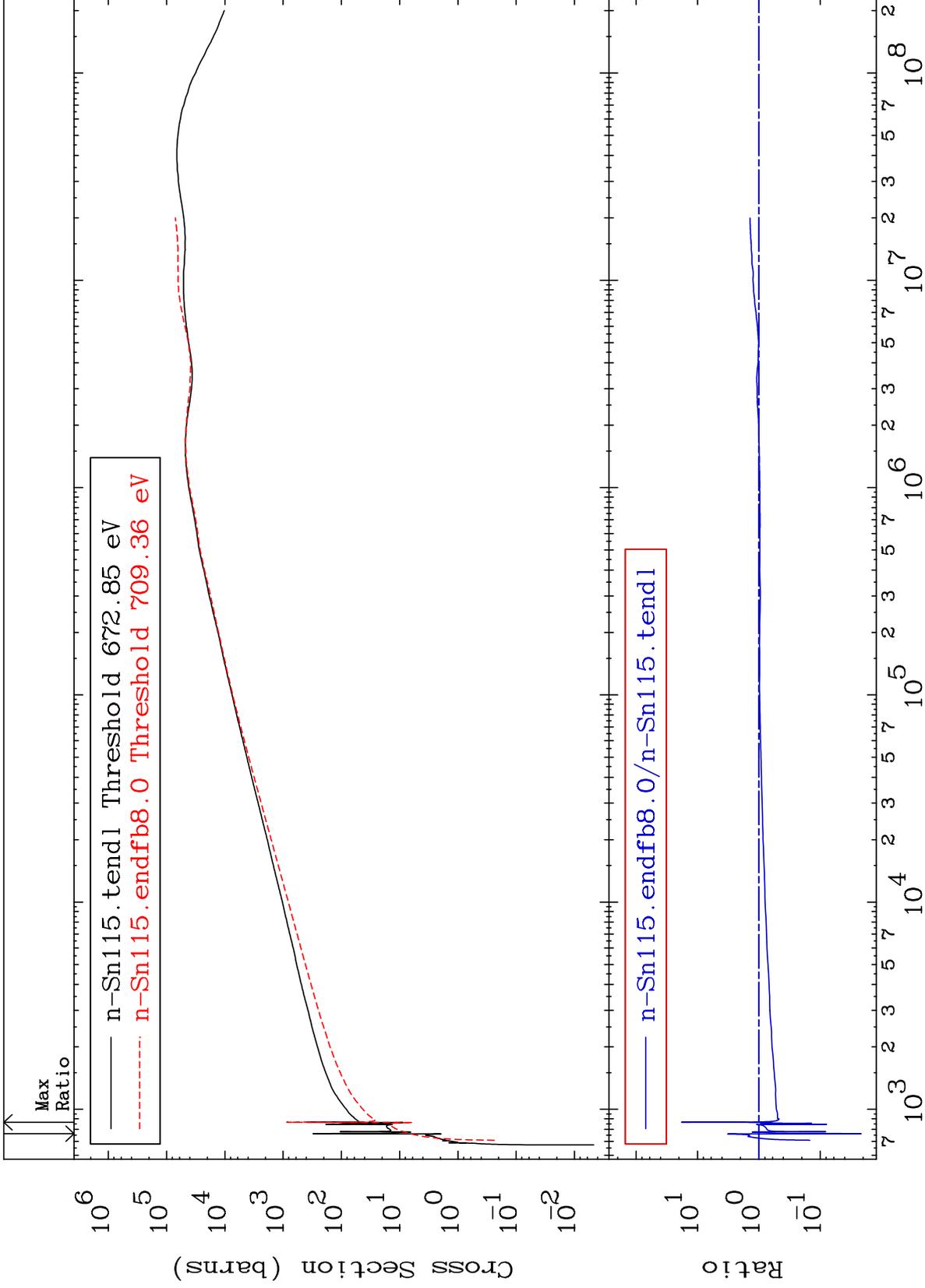
-99.99 To 9999. %



MAT 5034

Dpa elastic (mt2)
Cross Section

50-Sn-115
-97.83 To 1721. %



MAT 5034

Dpa inelastic (mt51-91)
Cross Section

50-Sn-115
-25.04 To 9999. %

