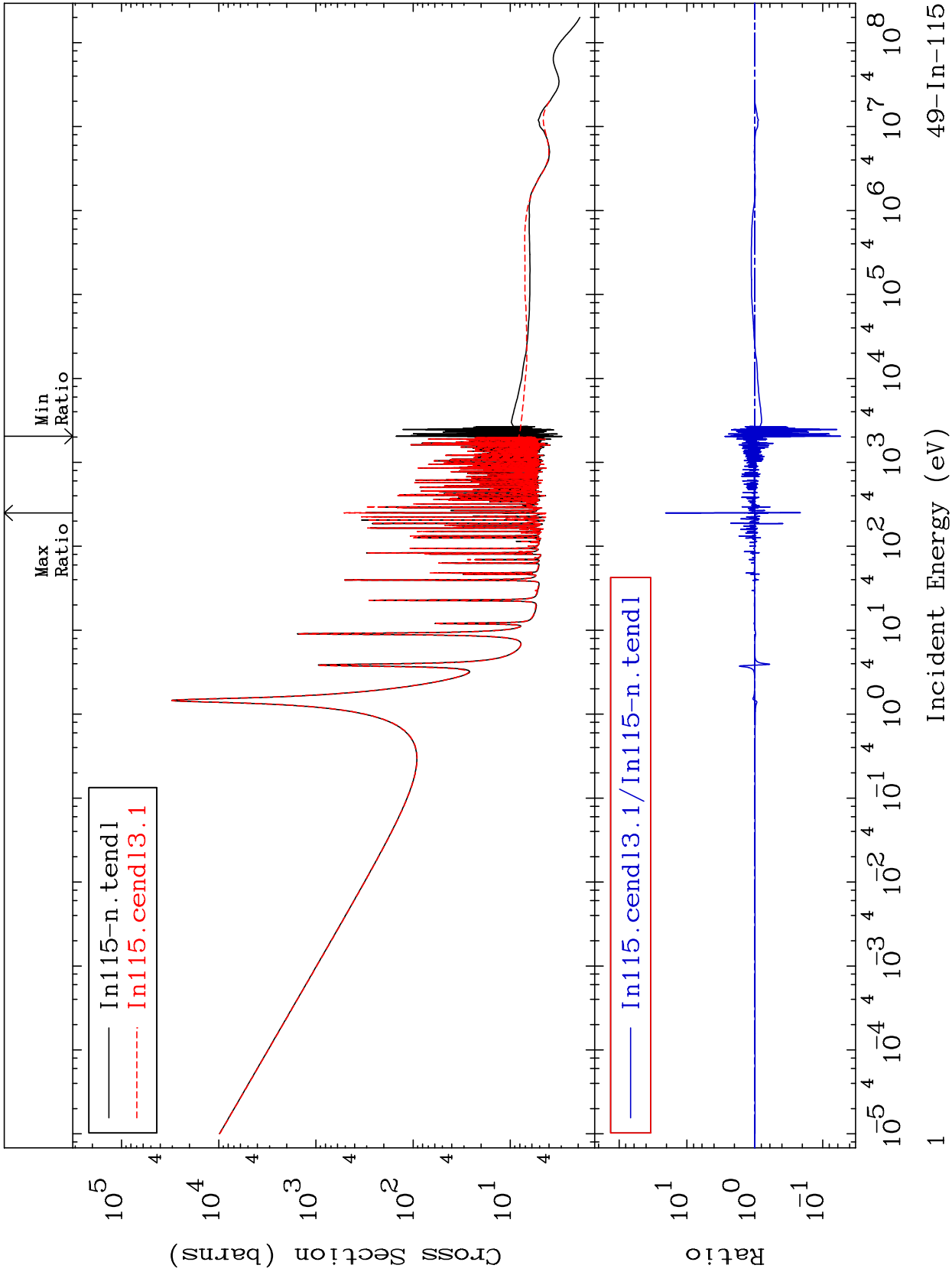


MAT 4931

Total Cross Section
49-In-115
-94.56 To 1971. %

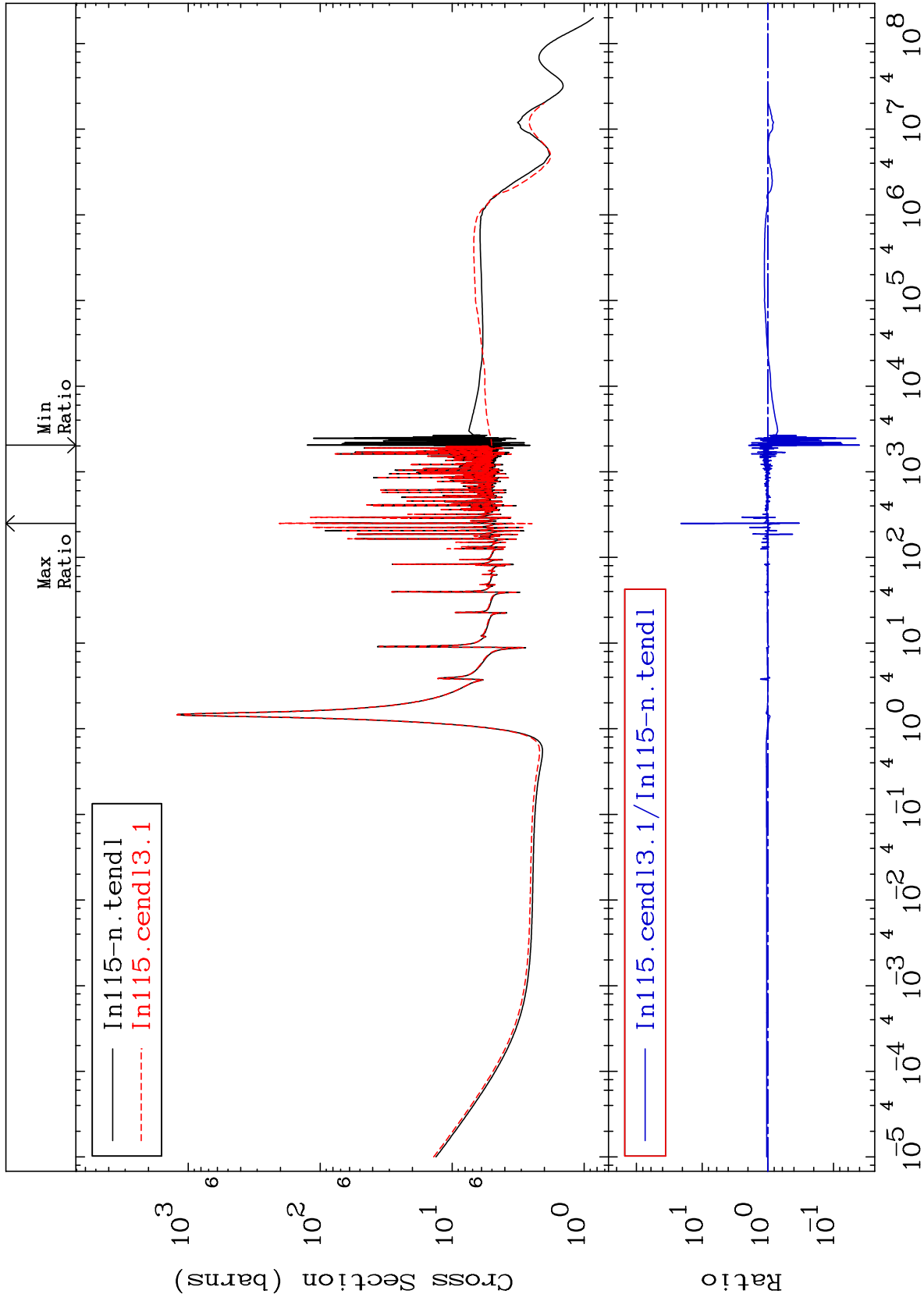


49-In-115

MAT 4931

Elastic
Cross Section

49-In-115
-96.00 To 2014. %



2

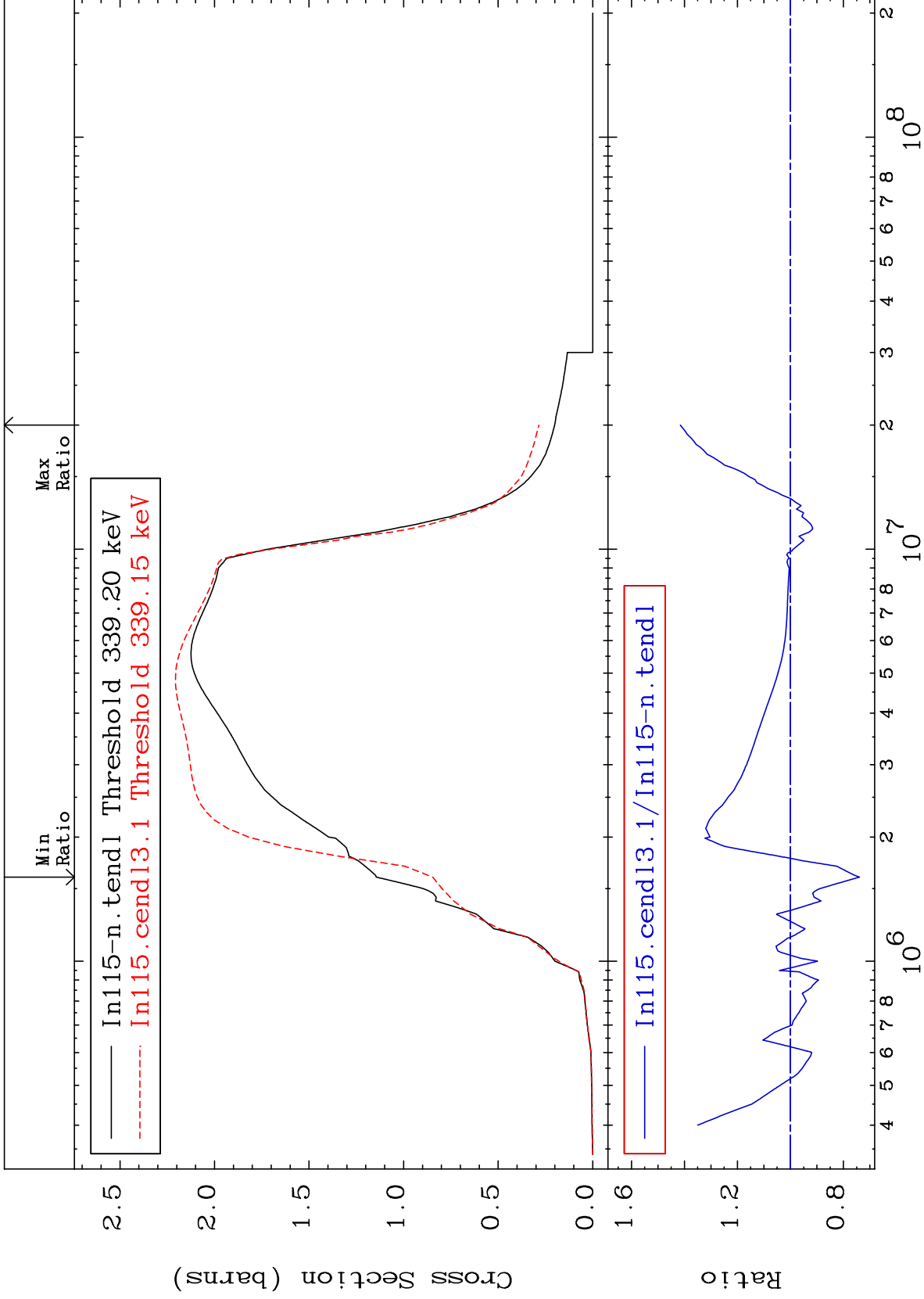
Incident Energy (eV)

49-In-115

MAT 4931

Inelastic
Cross Section

49-In-115
-26.05 To 41.54 %



3

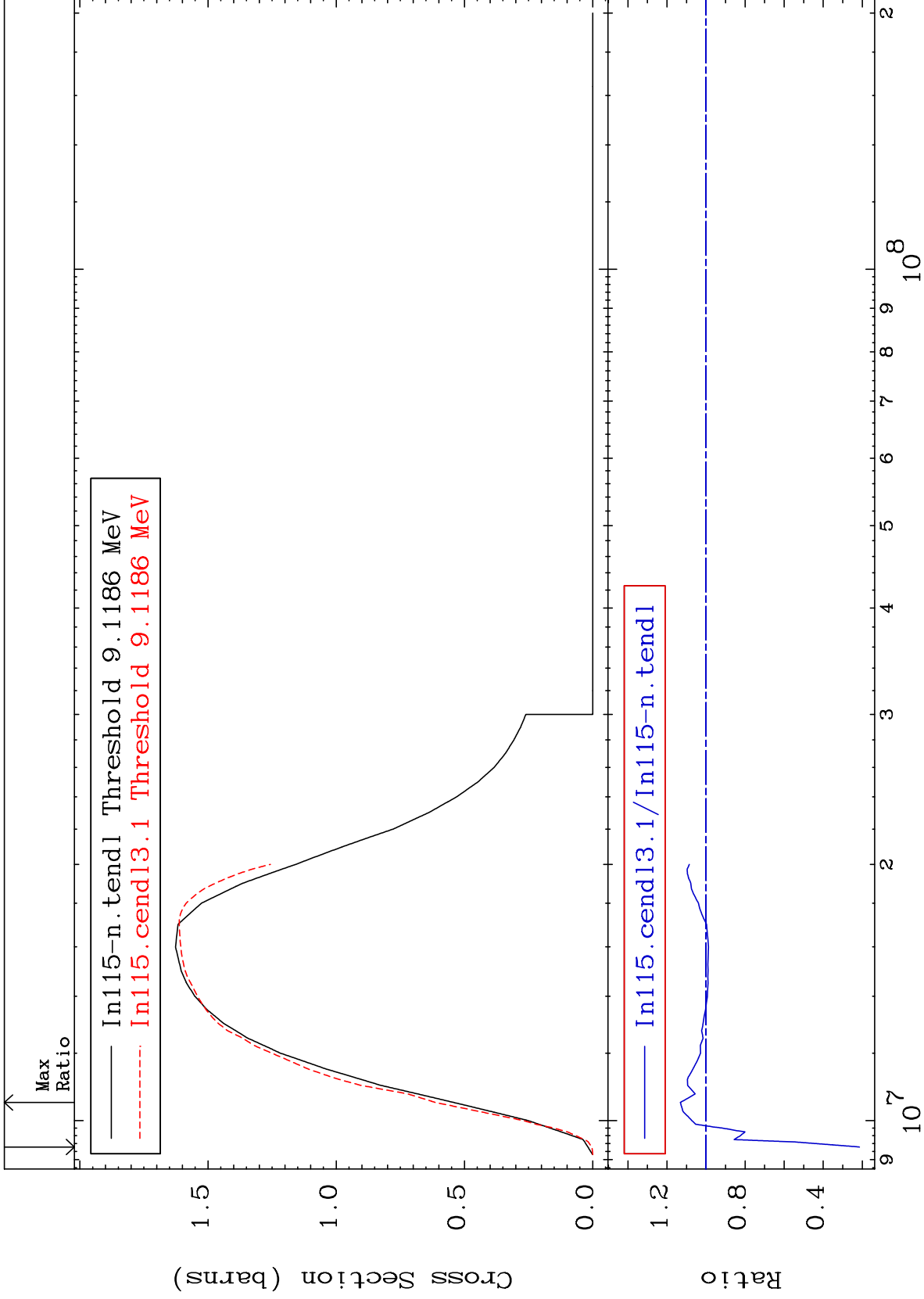
Incident Energy (eV)

49-In-115

MAT 4931

(n,2n)
Cross Section

49-In-115
-78.52 To 13.15 %



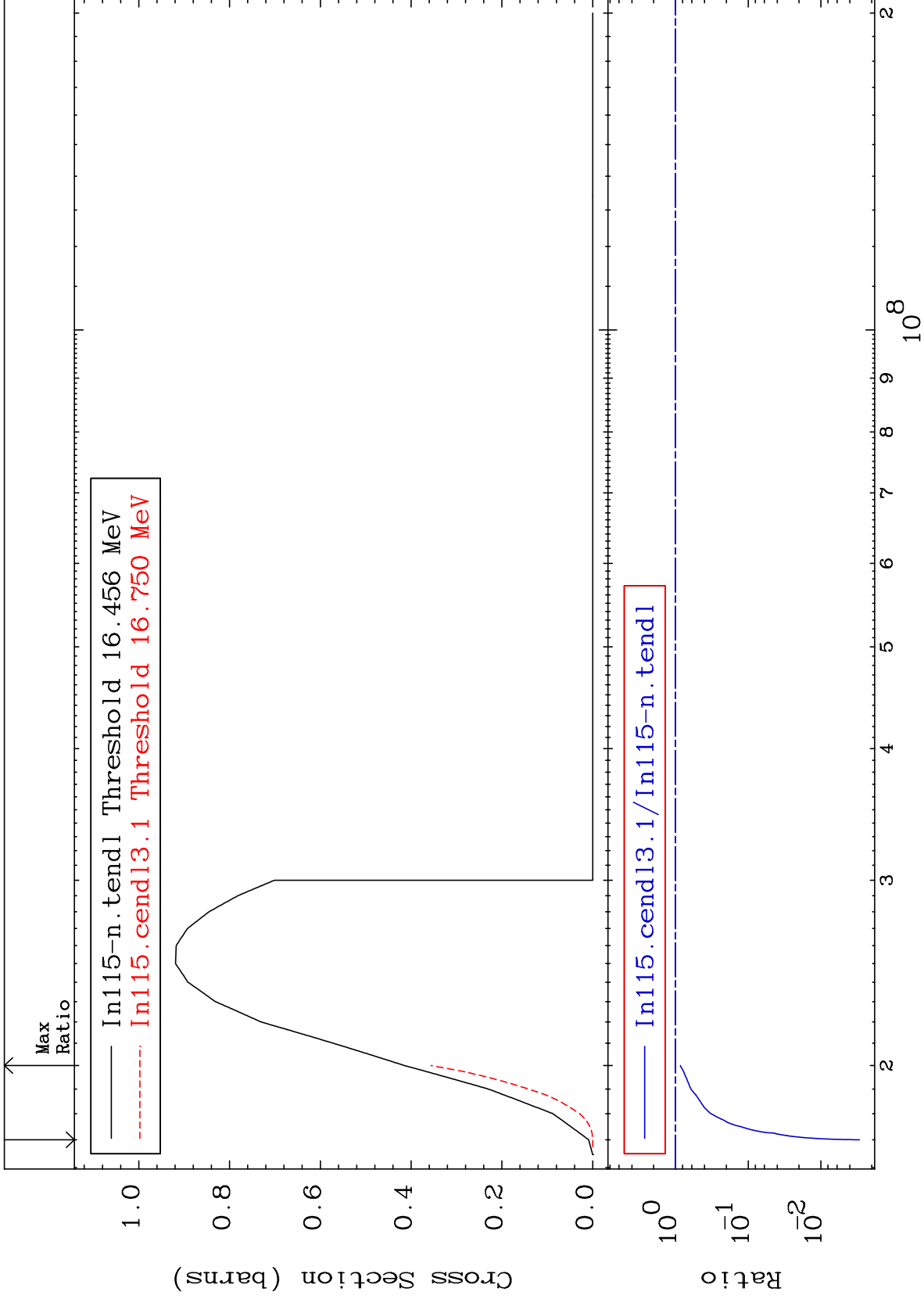
Incident Energy (eV)

49-In-115

MAT 4931

(n,3n)
Cross Section

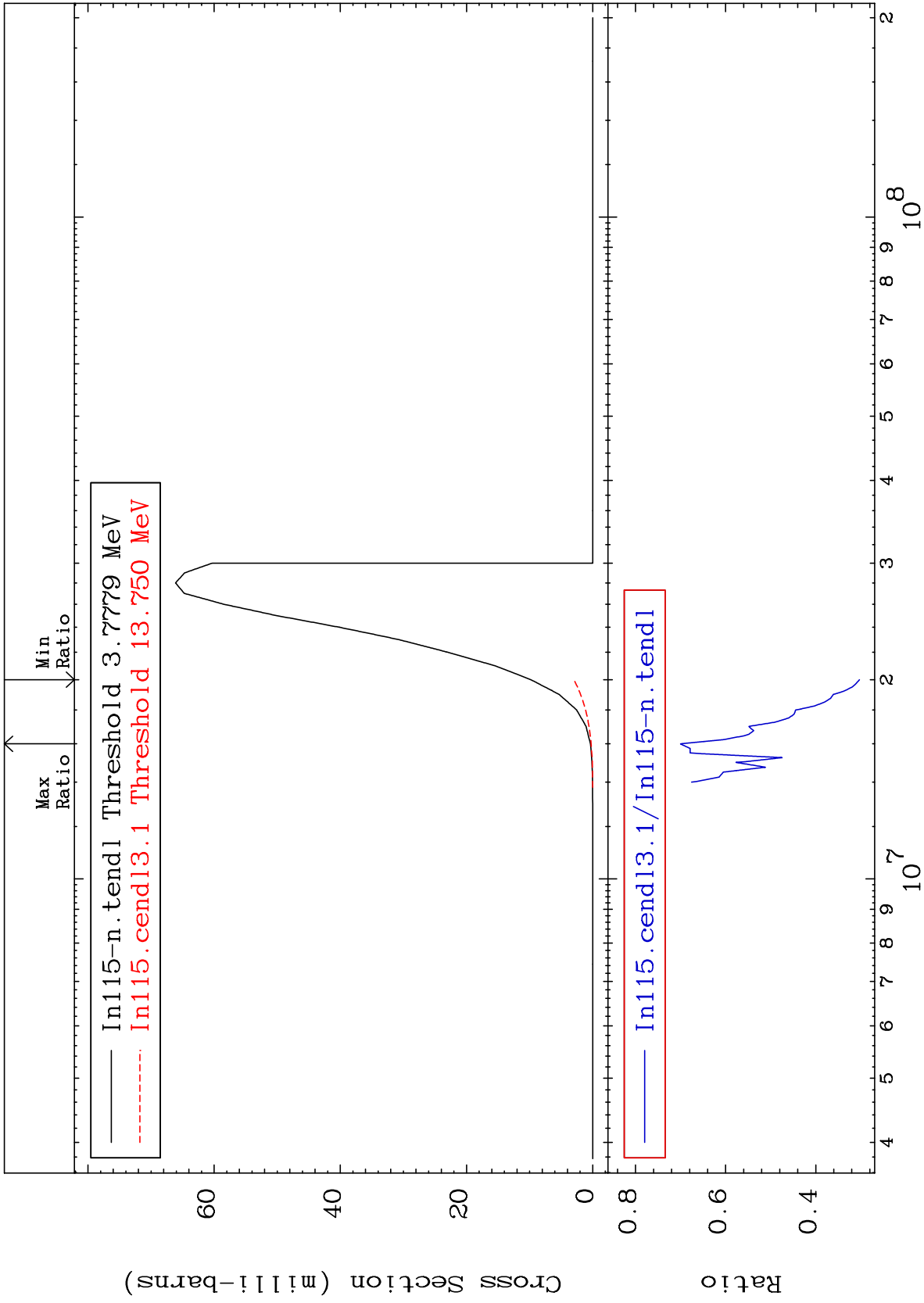
49-In-115
-99.70 To -14.03%



MAT 4931

(n, n') α
Cross Section

49-In-115
-69.70 To -29.95%



6

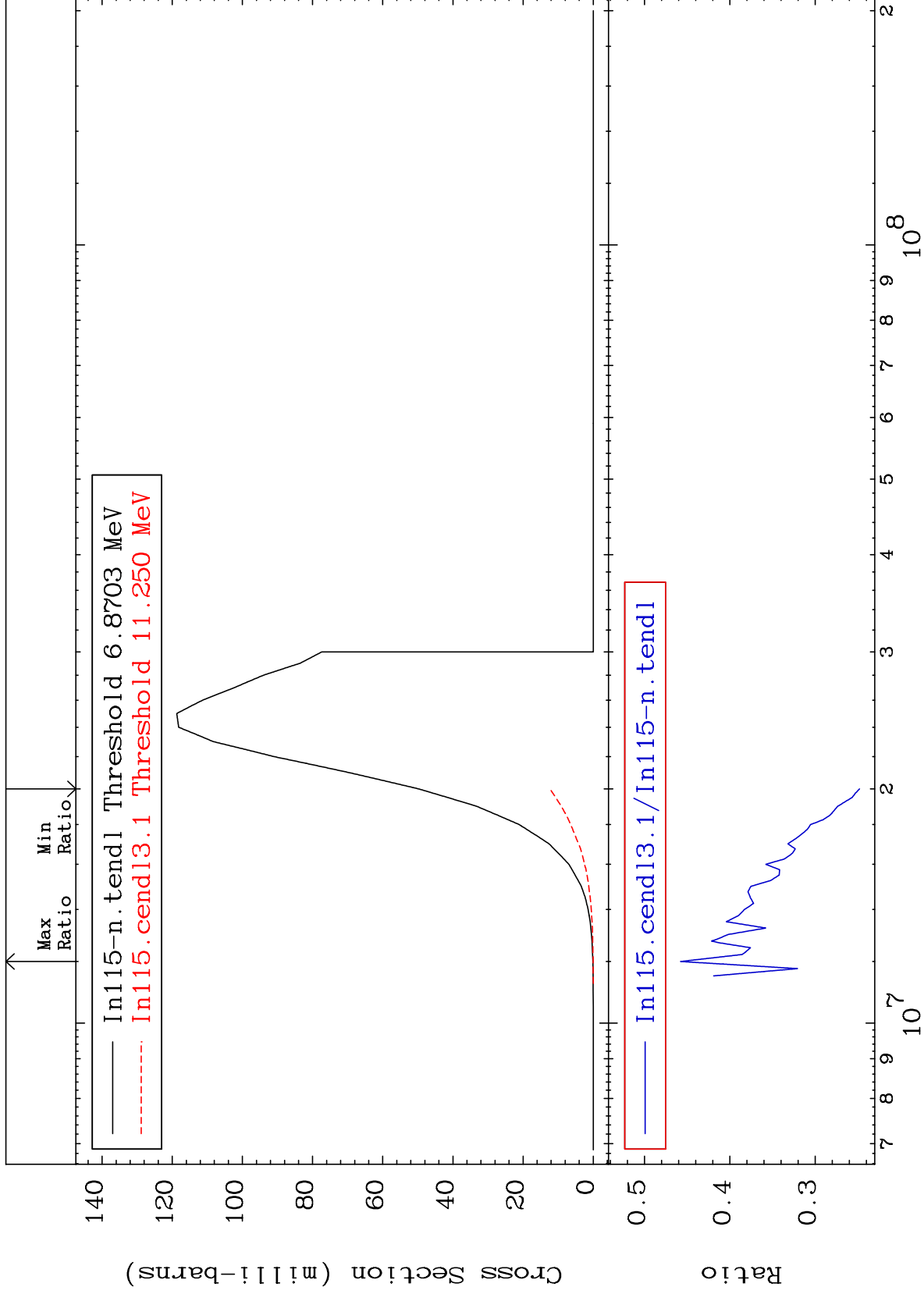
49-In-115

49-In-115

MAT 4931

(n,n') p
Cross Section

49-In-115
-75.20 To -54.25%



7

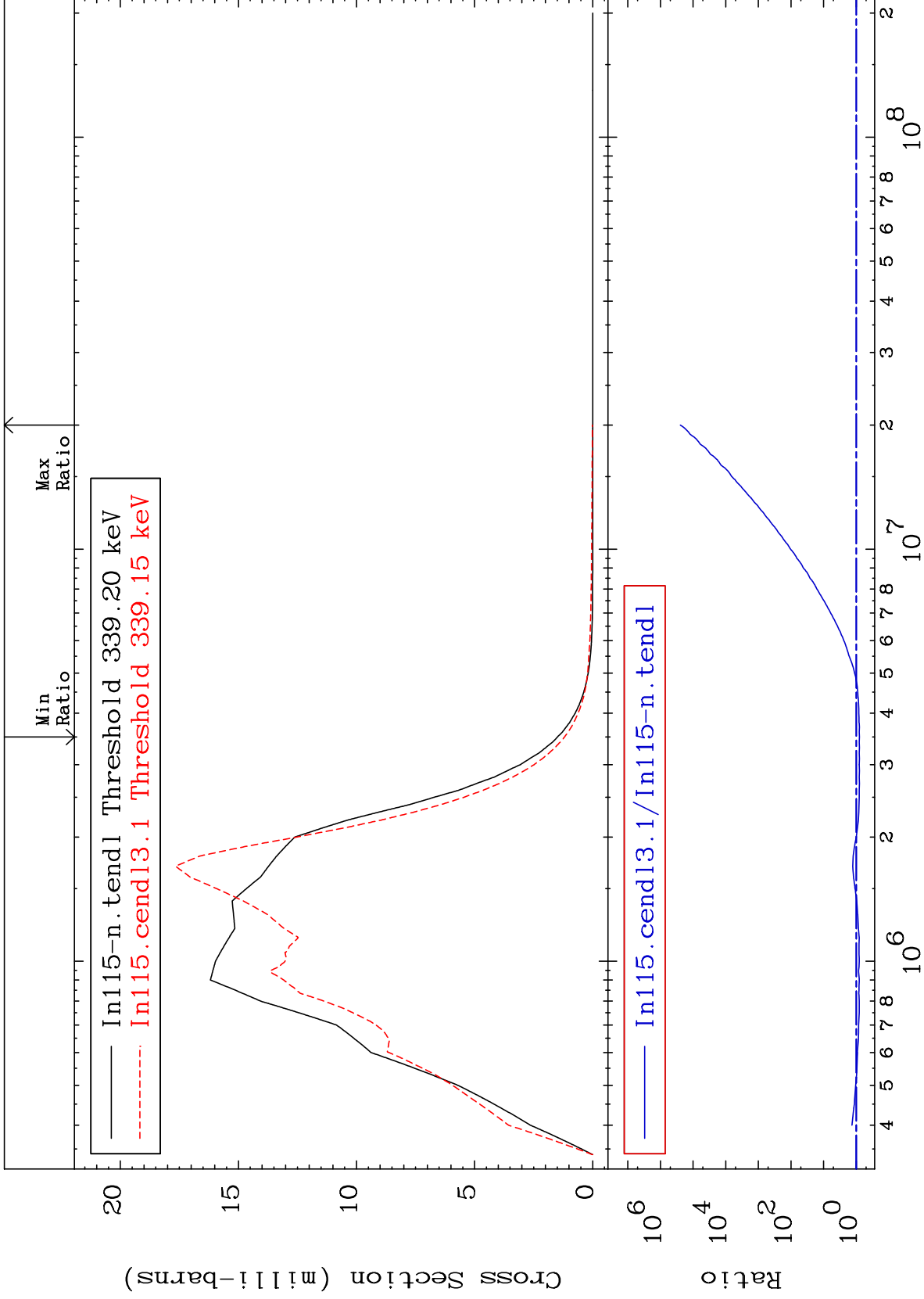
Incident Energy (eV)

49-In-115

MAT 4931

336.2 keV (n,n') Level
Cross Section

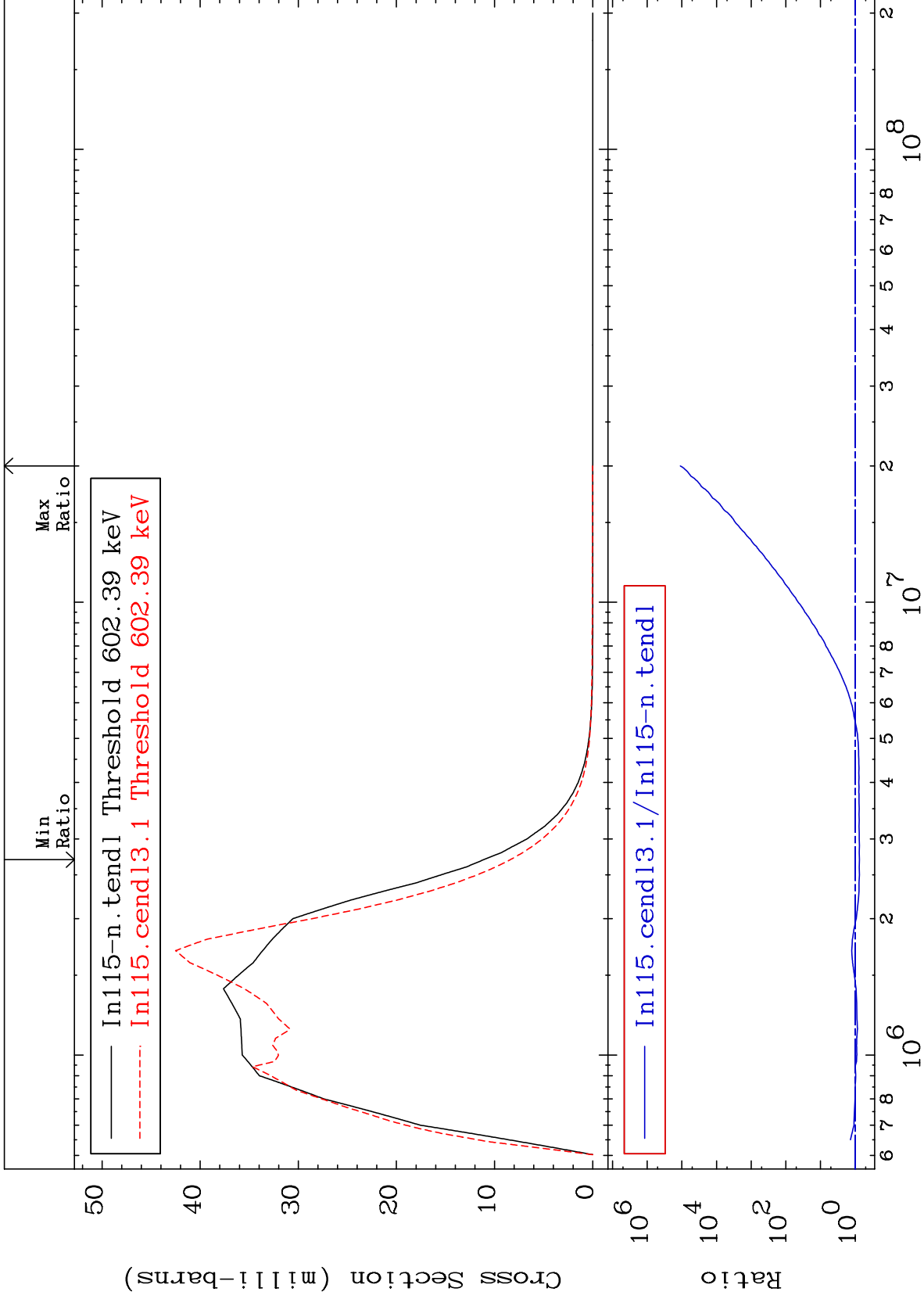
49-In-115
-20.02 To 9999. %



MAT 4931

597.1 keV (n,n') Level
Cross Section

49-In-115
-24.49 To 9999. %



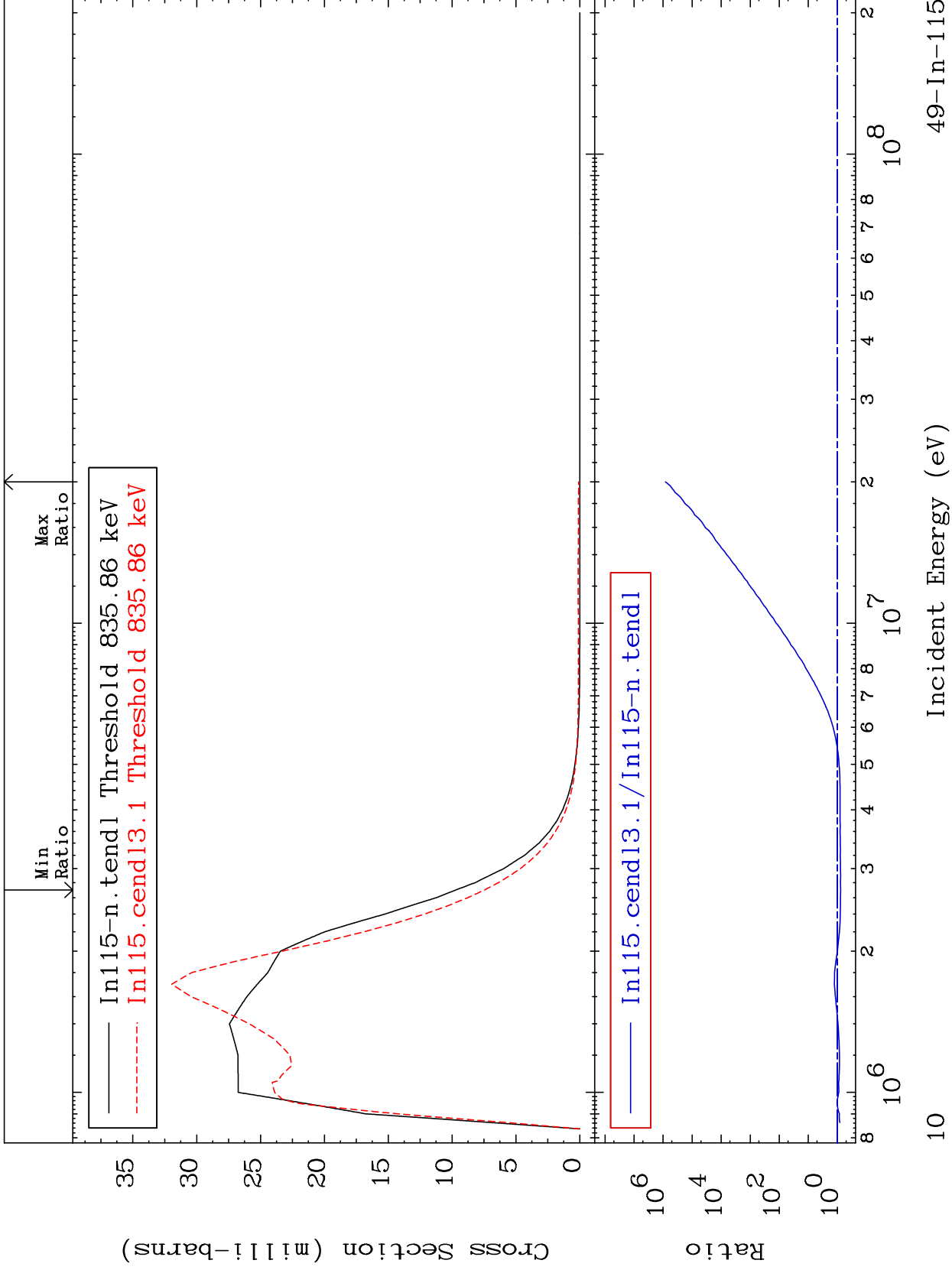
9

49-In-115

MAT 4931

828.6 keV (n,n') Level
Cross Section

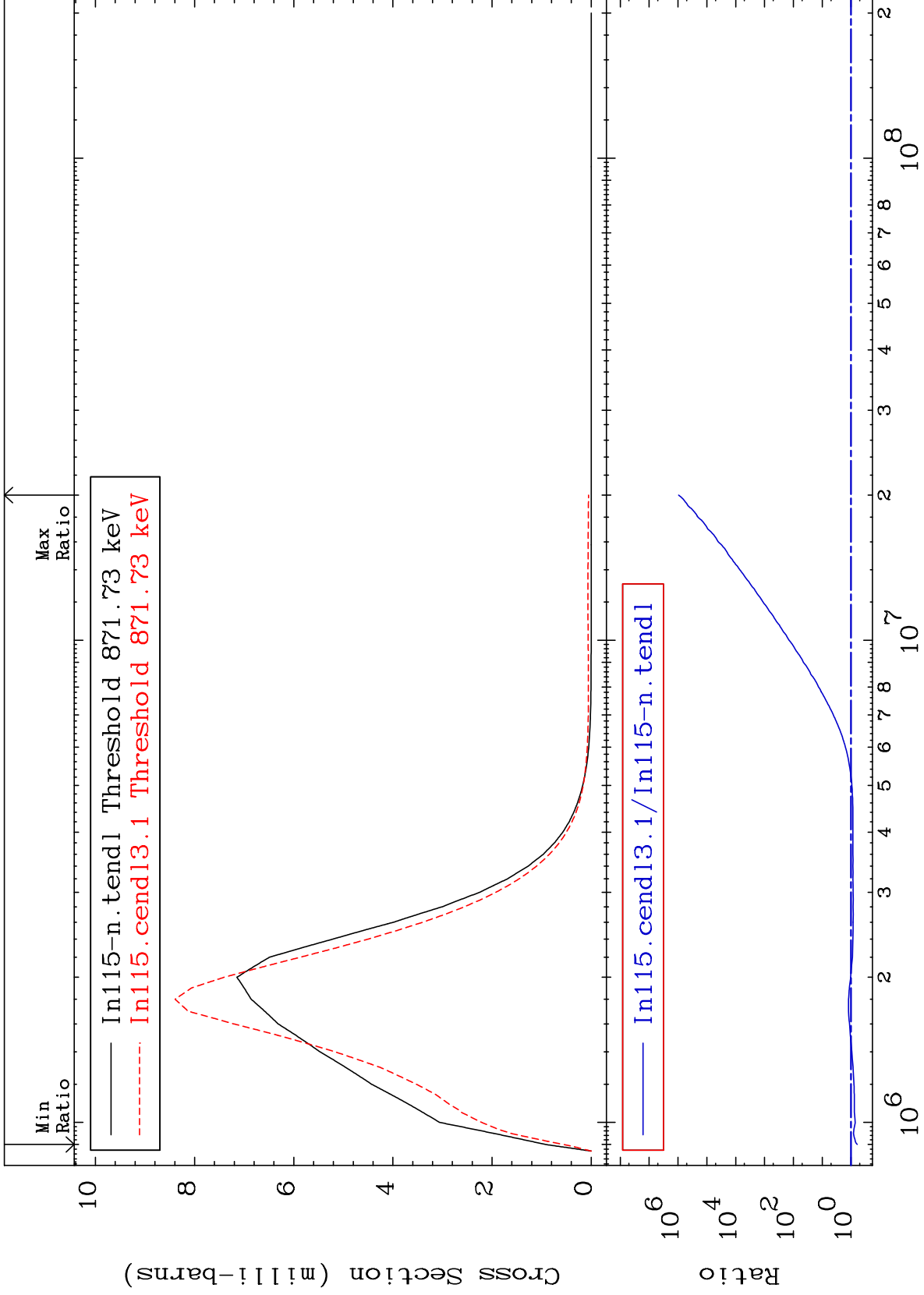
49-In-115
-23.14 To 9999. %



MAT 4931

864.1 keV (n,n') Level
Cross Section

49-In-115
-38.76 To 9999. %



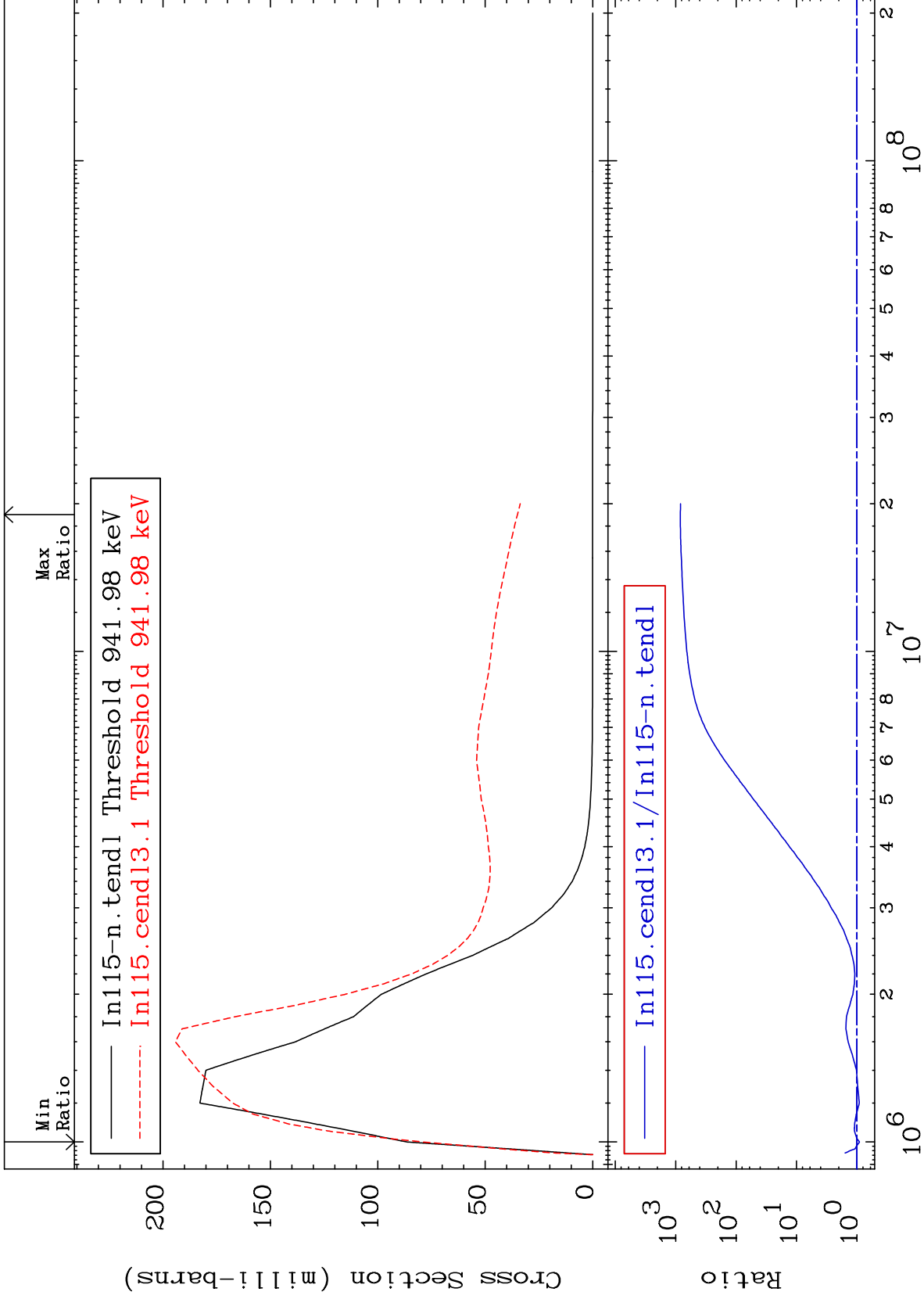
11

49-In-115

MAT 4931

933.8 keV (n,n') Level
Cross Section

49-In-115
-8.797 To 9999. %



12

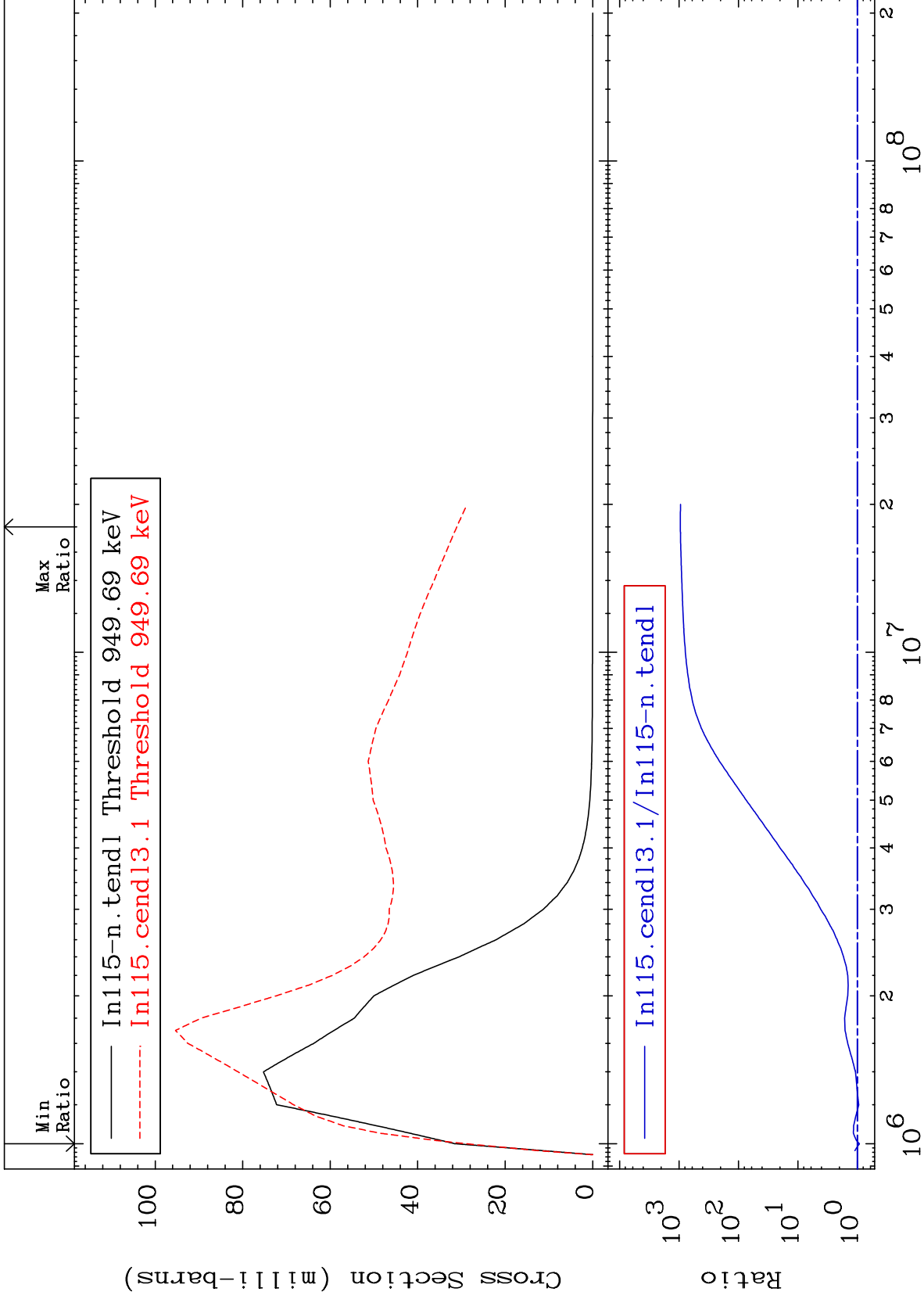
Incident Energy (eV)

49-In-115

MAT 4931

941.4 keV (n,n') Level
Cross Section

49-In-115
-7.783 To 9999. %



13

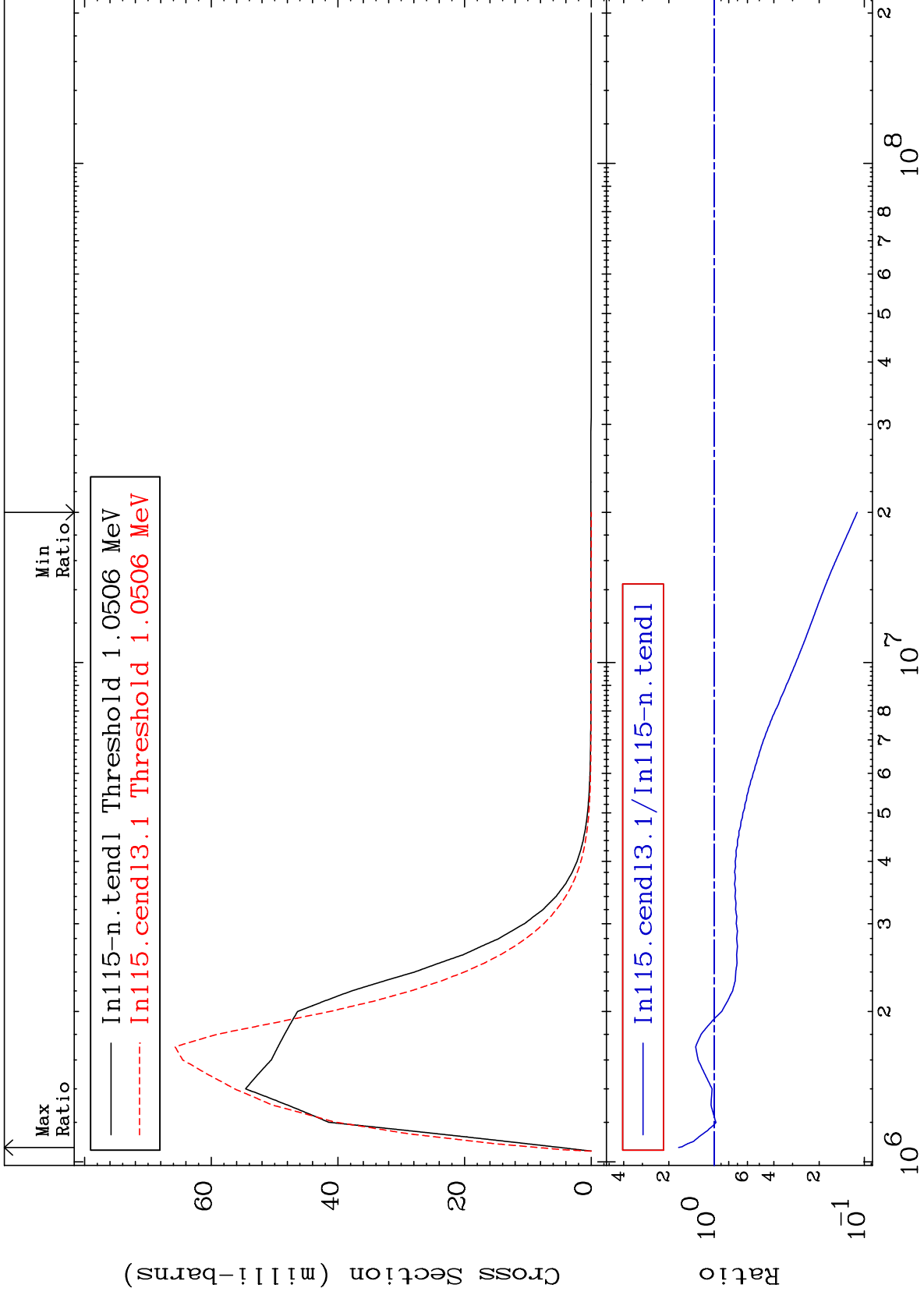
Incident Energy (eV)

49-In-115

MAT 4931

1.041 MeV (n,n') Level
Cross Section

49-In-115
-88.85 To 72.23 %



14

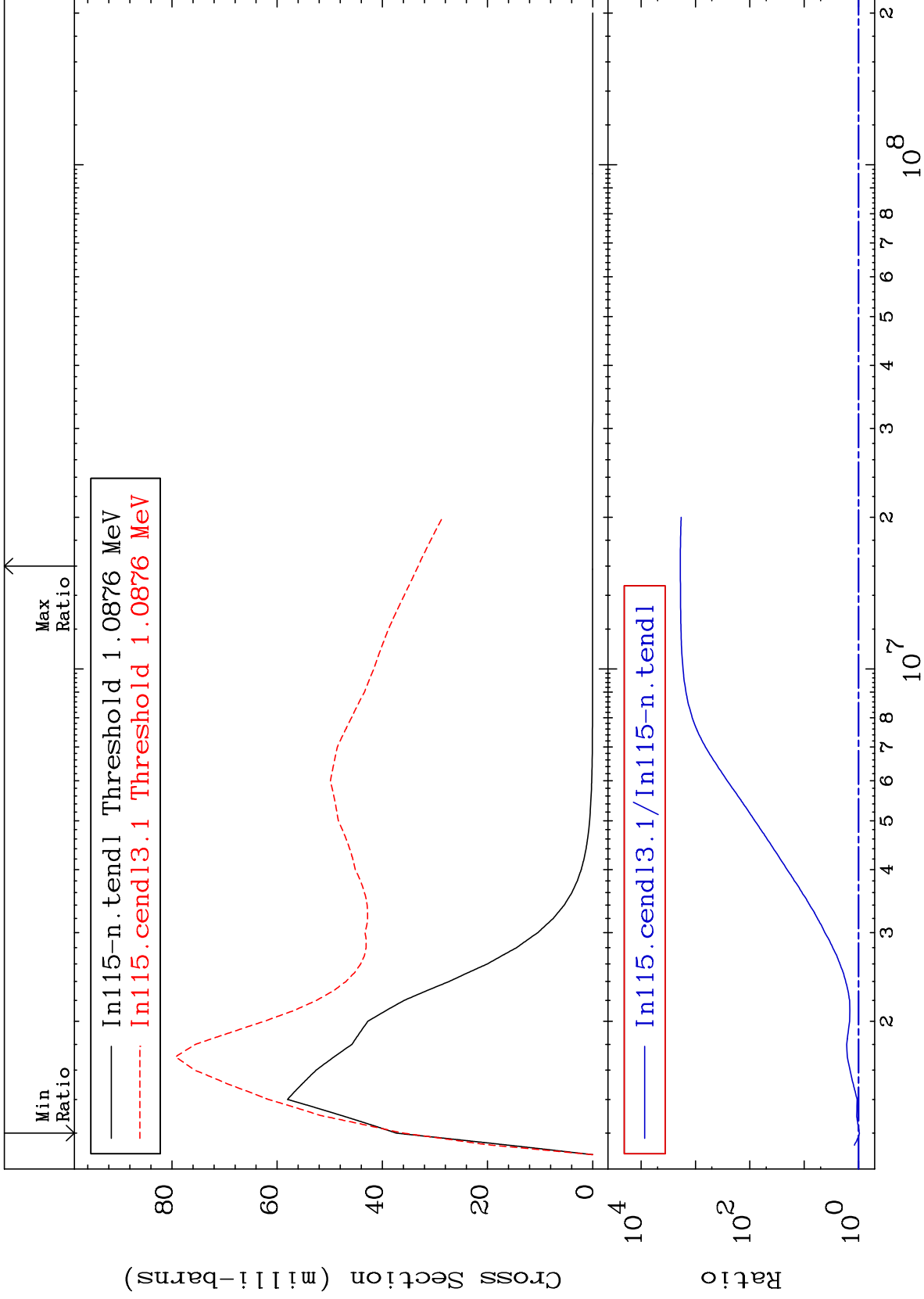
Incident Energy (eV)

49-In-115

MAT 4931

1.078 MeV (n,n') Level
Cross Section

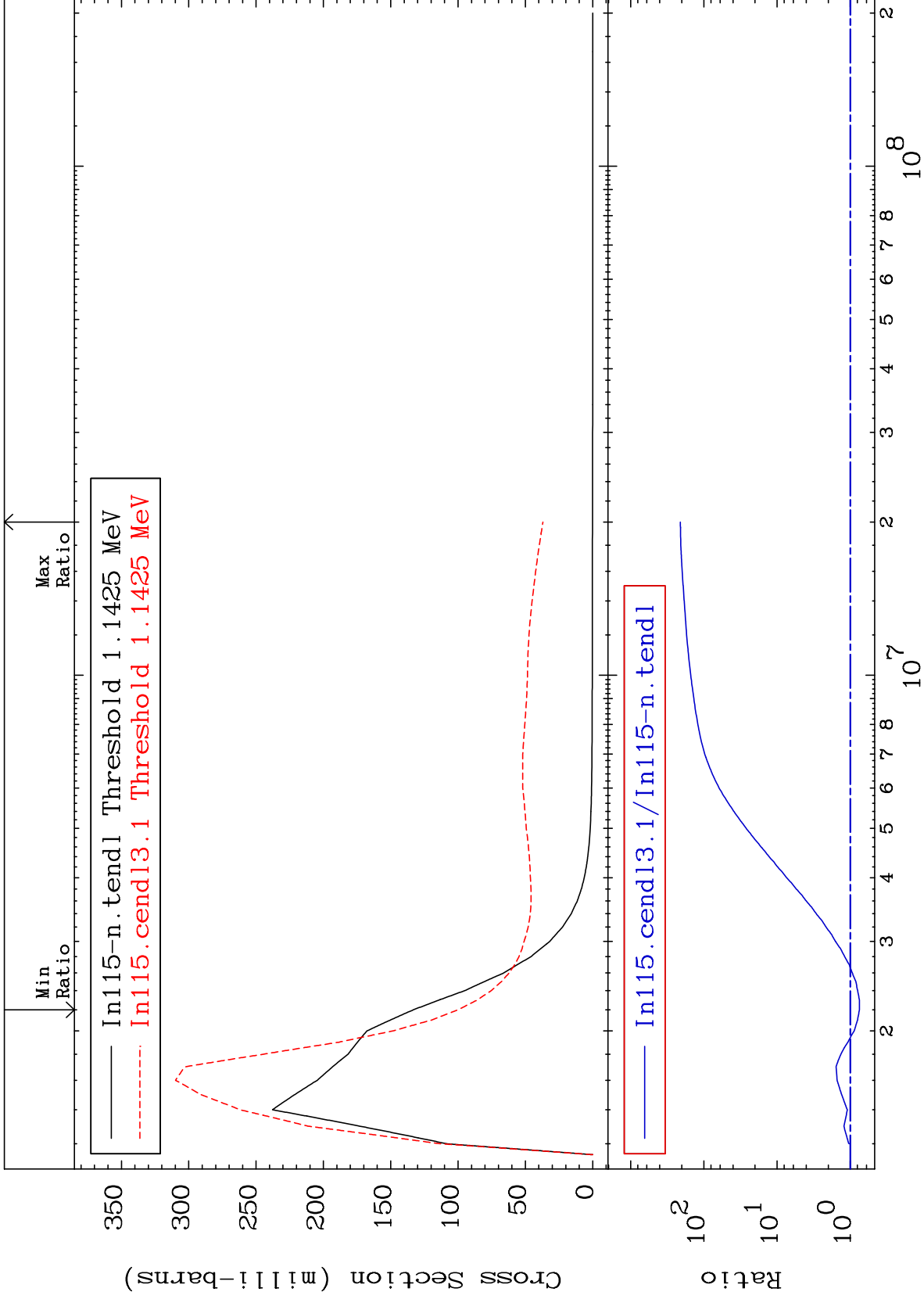
49-In-115
-3.676 To 9999. %



MAT 4931

1.133 MeV (n,n') Level
Cross Section

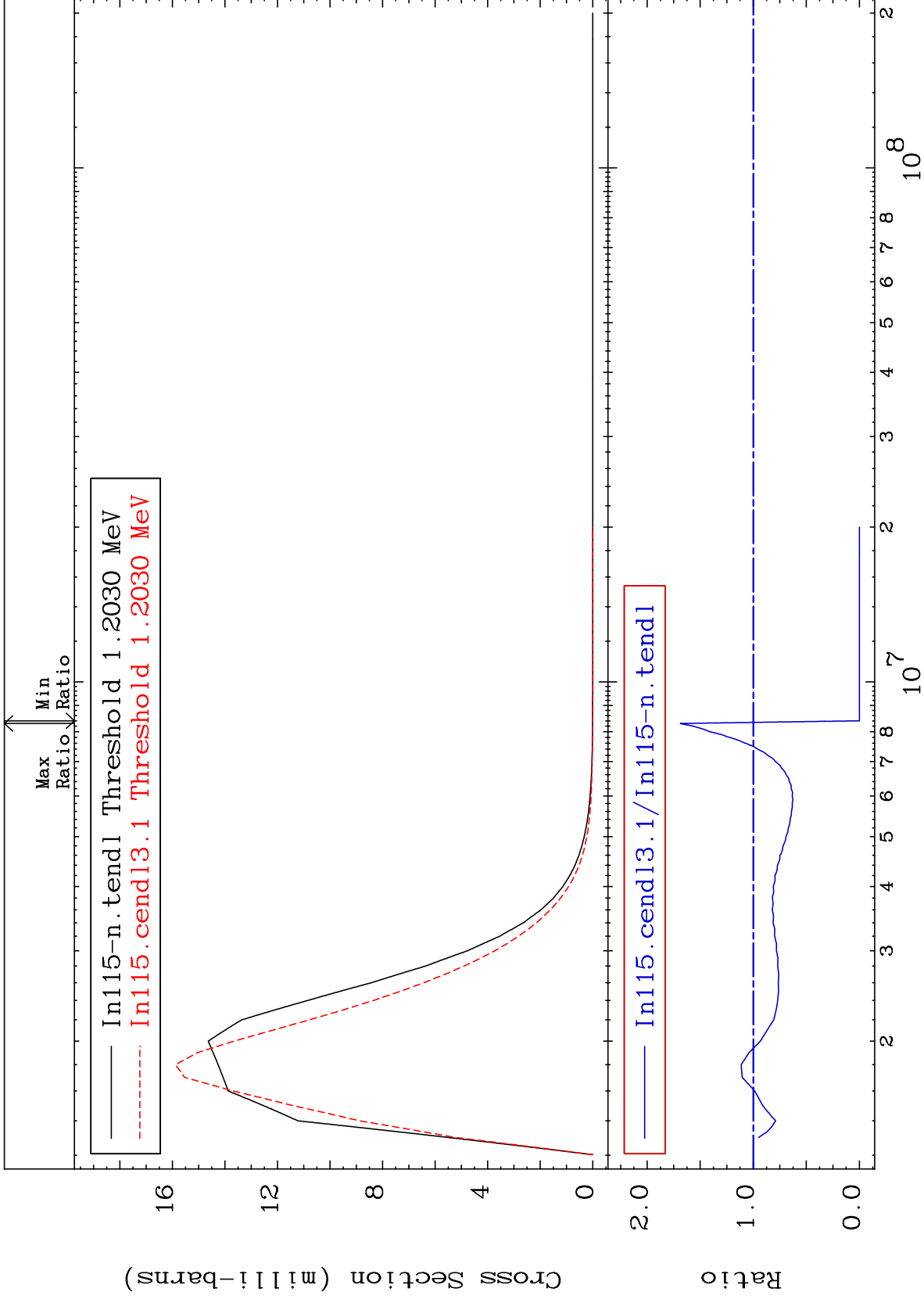
49-In-115
-24.93 To 9999. %



MAT 4931

1.192 MeV (n,n') Level
Cross Section

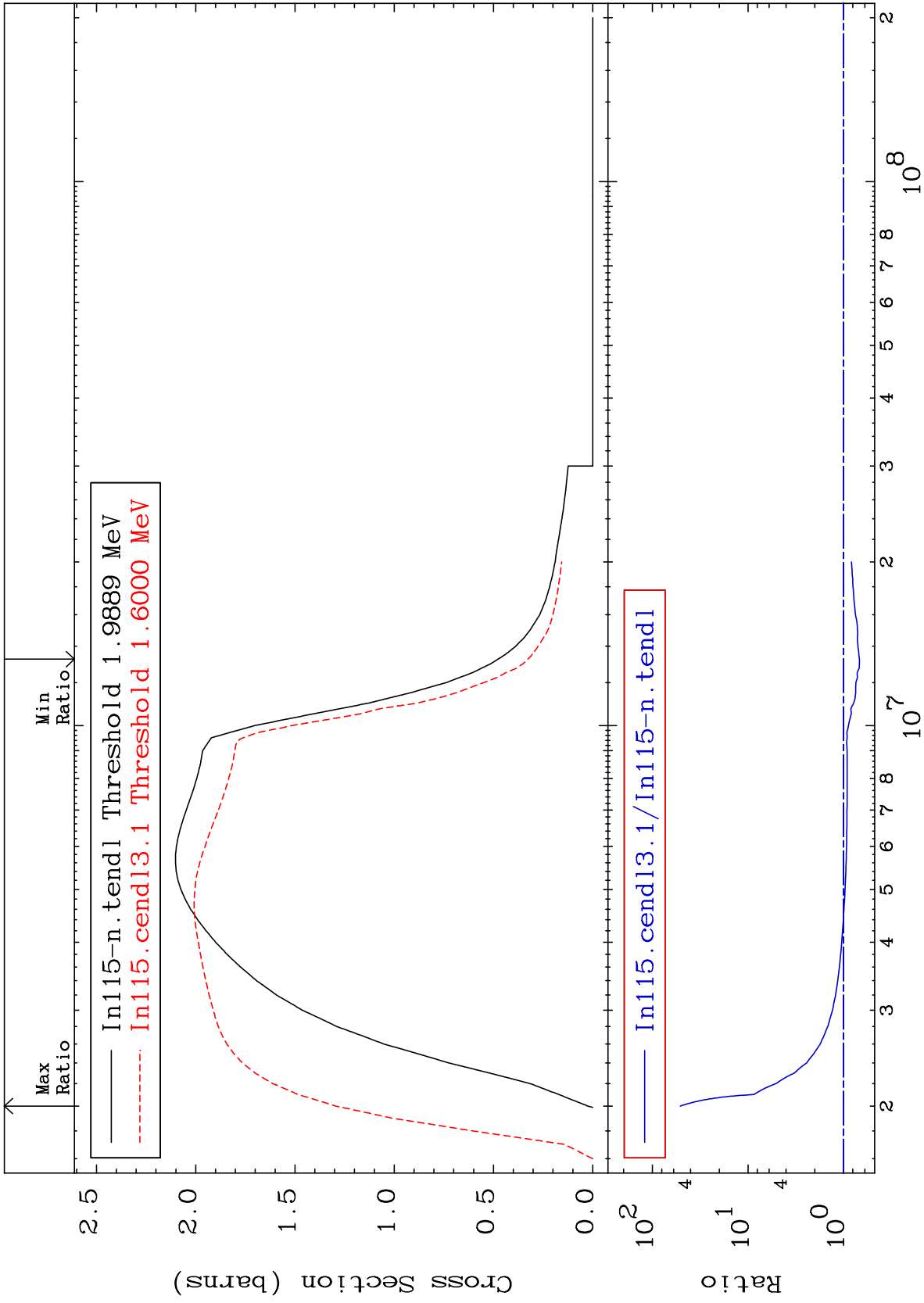
49-In-115
-100.0 To 68.71 %



17

Incident Energy (eV)

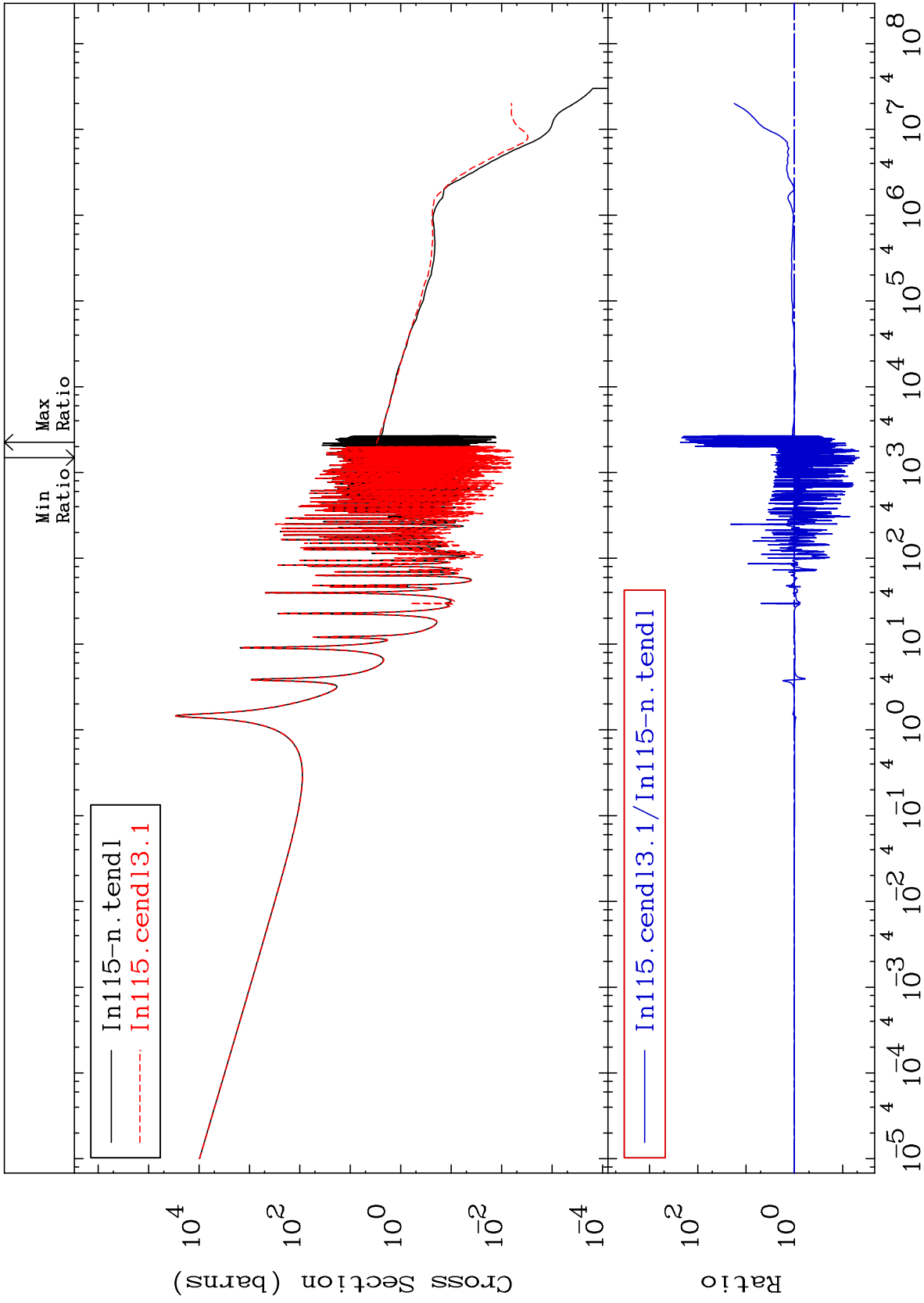
49-In-115



MAT 4931

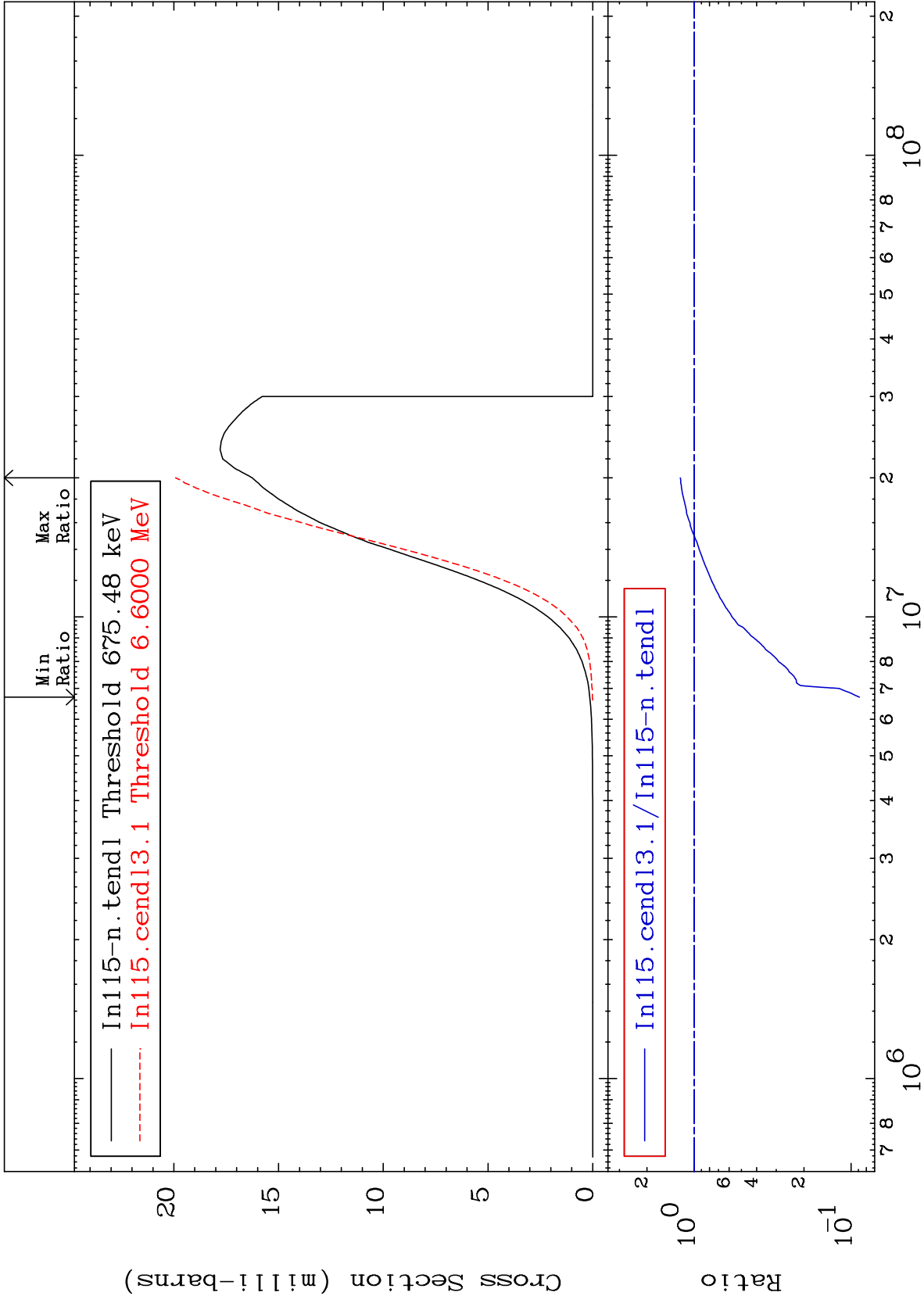
(n, γ)
Cross Section

49-In-115
-95.50 To 9999. %



MAT 4931

(n,p)
Cross Section
49-In-115
-91.15 To 22.58 %



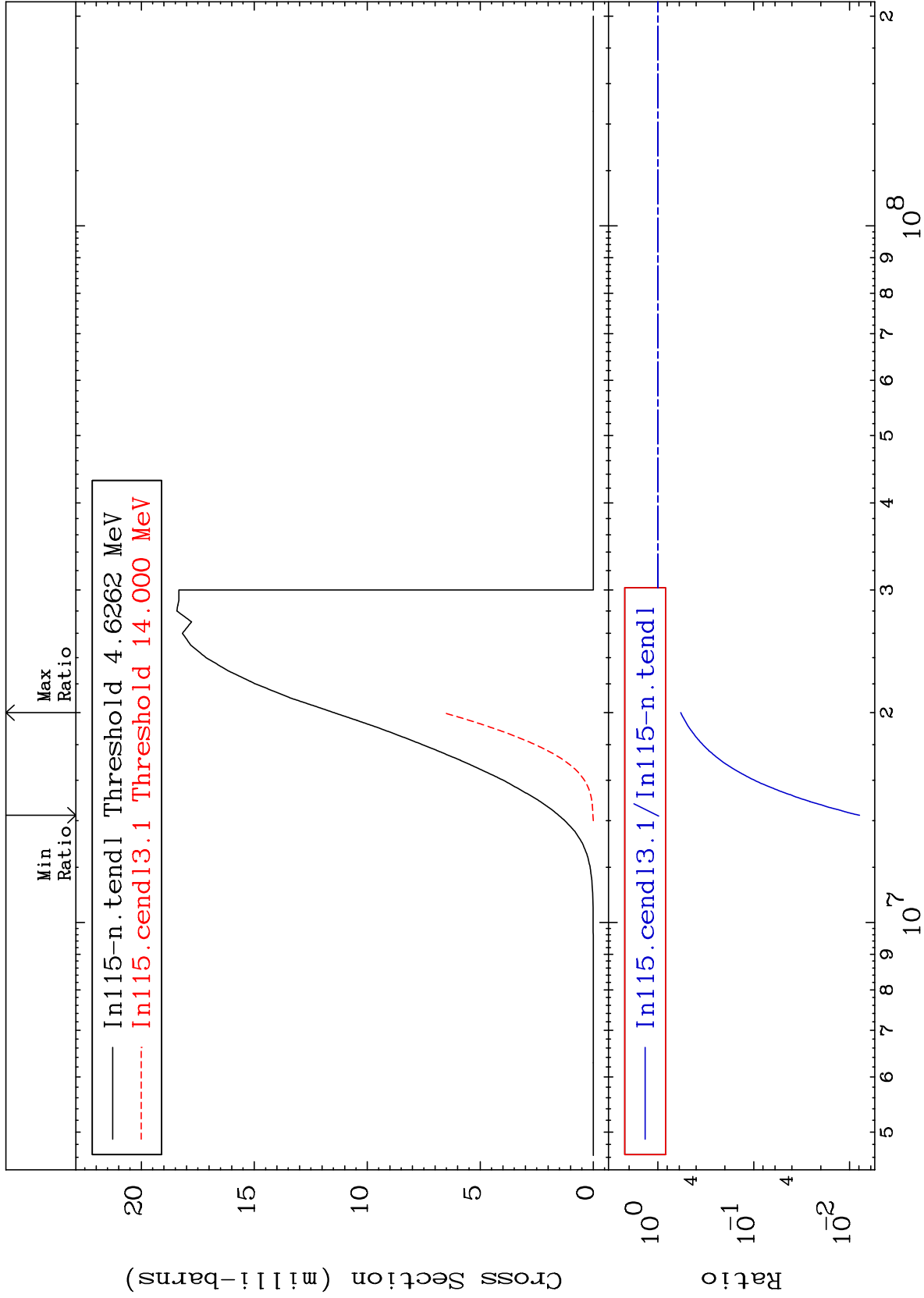
20

Incident Energy (eV)

49-In-115

Cross Section

-99.21 To -42.27%



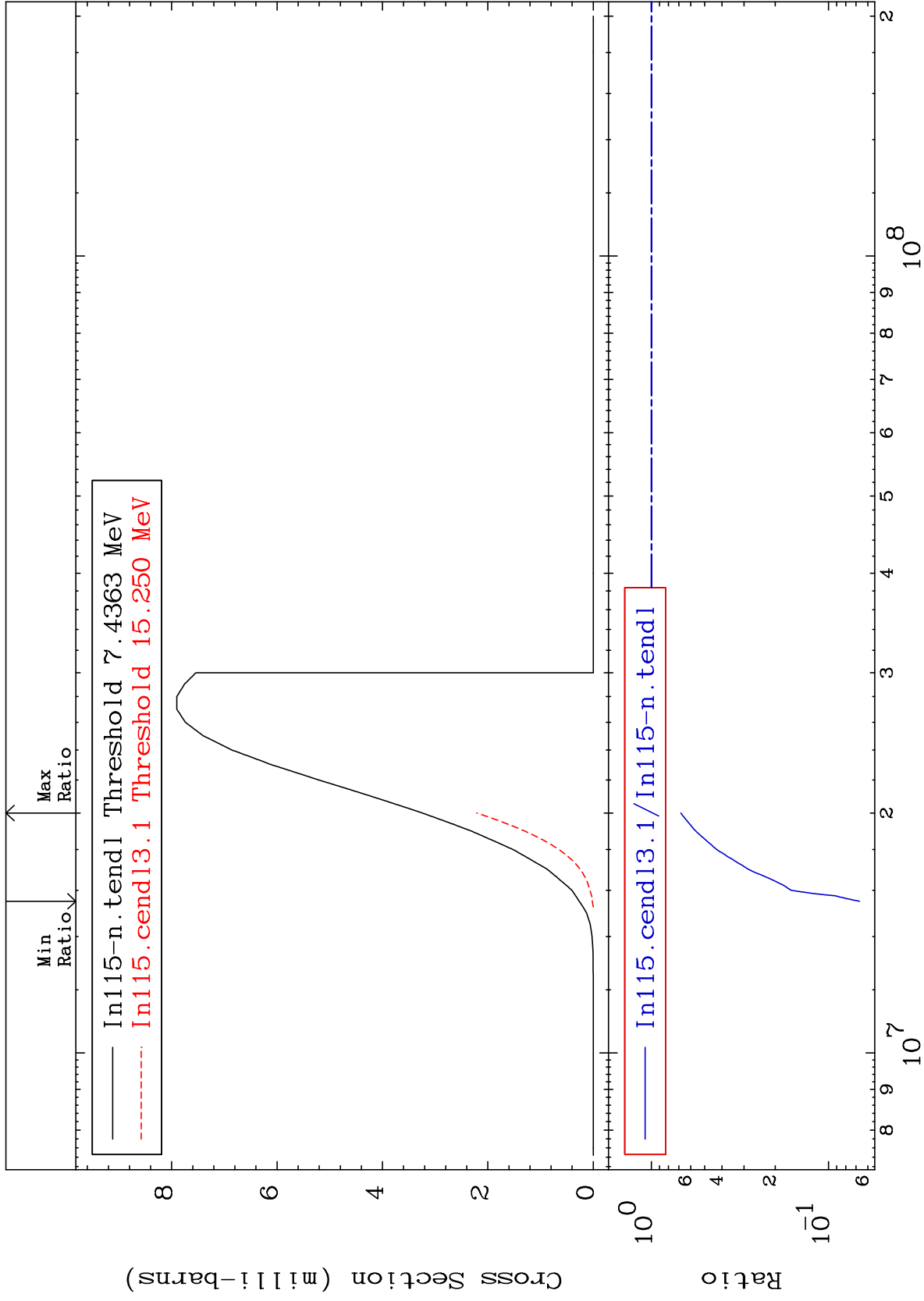
MAT 4931

(n, t)

49-In-115

Cross Section

-93.31 To -31.76%



22

Incident Energy (eV)

49-In-115

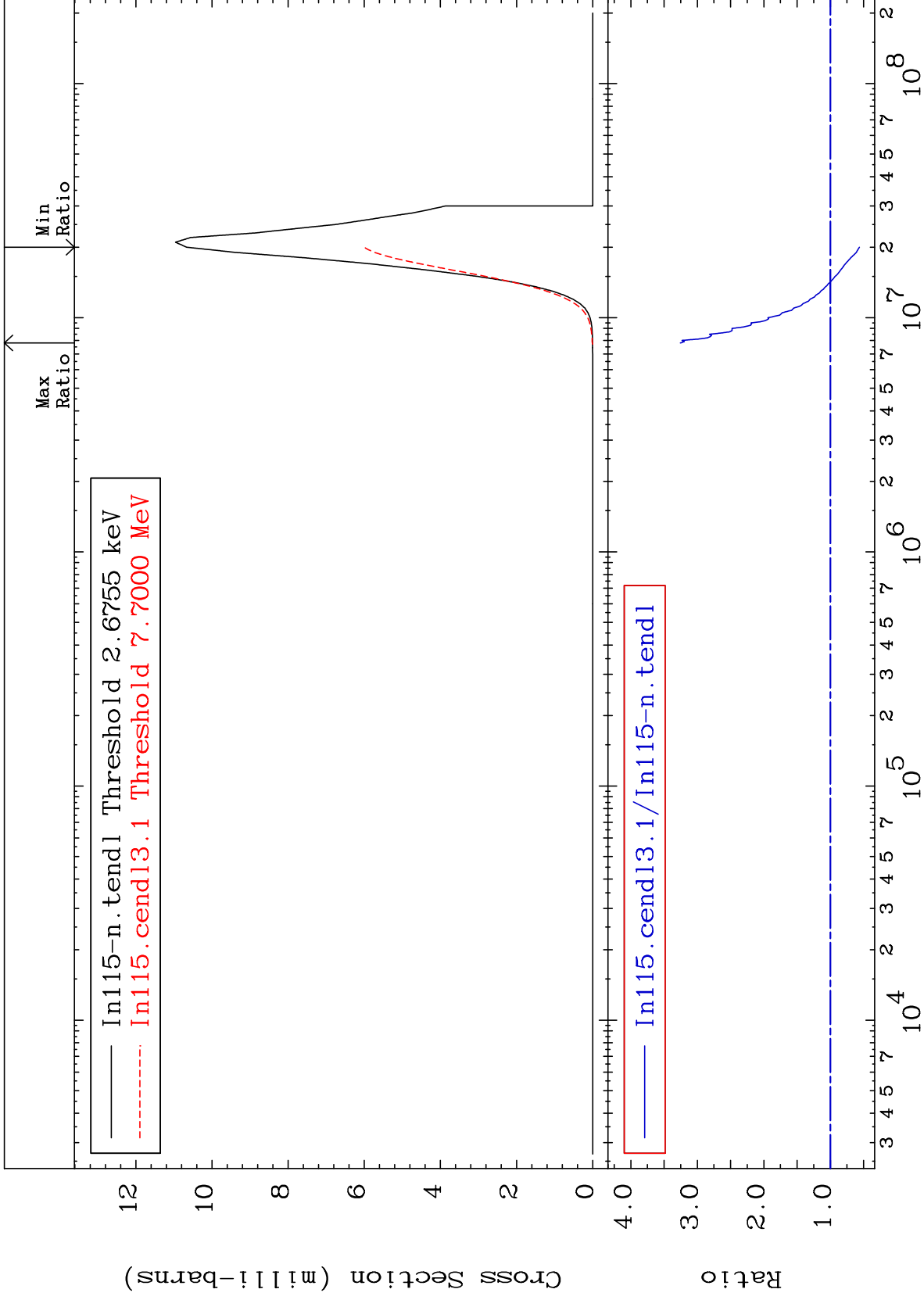
MAT 4931

(n, α)

Cross Section

49-In-115

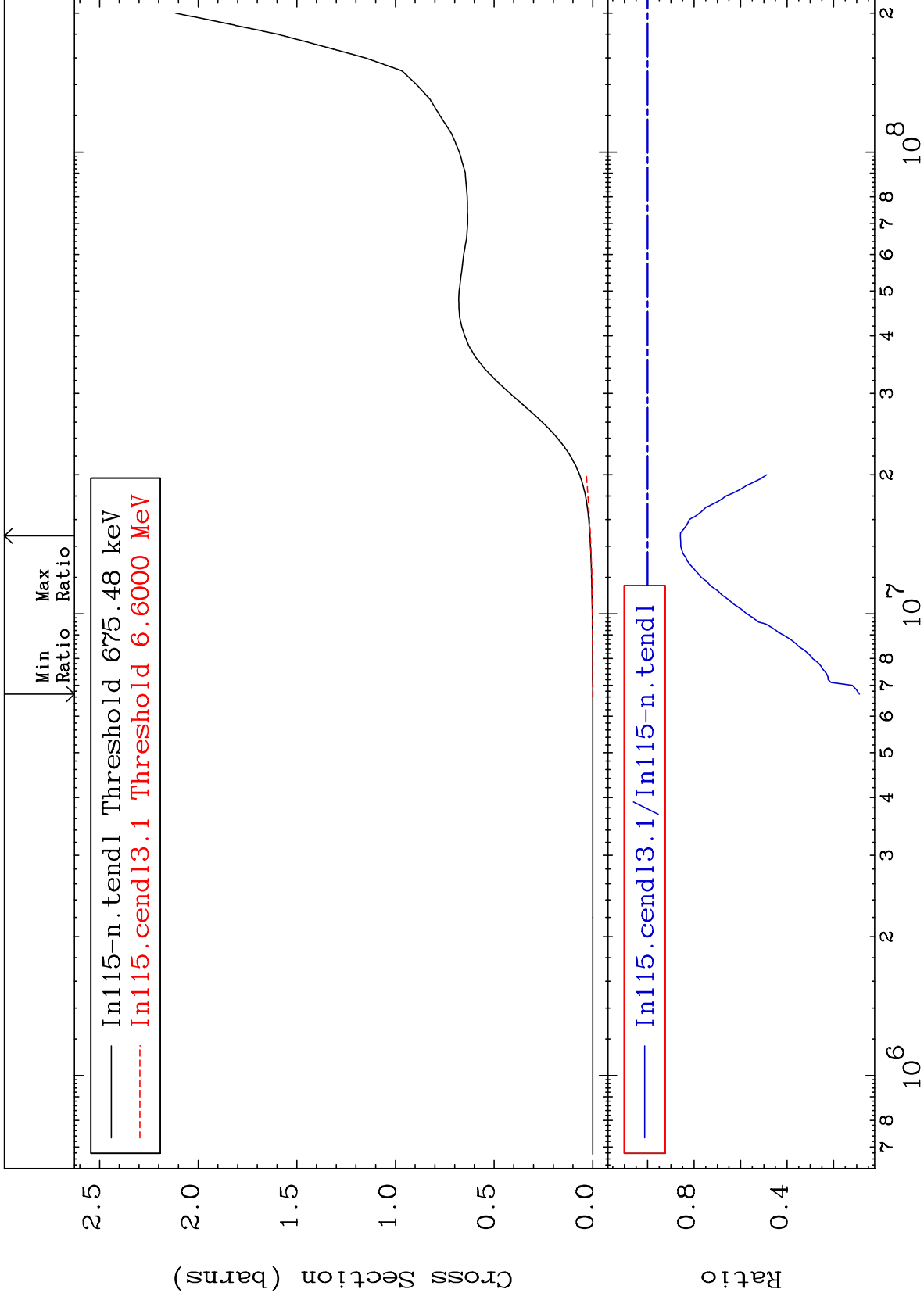
-43.71 To 225.5 %



MAT 4931

Hydrogen Production
Cross Section

49-In-115
-91.15 To -14.08%



24

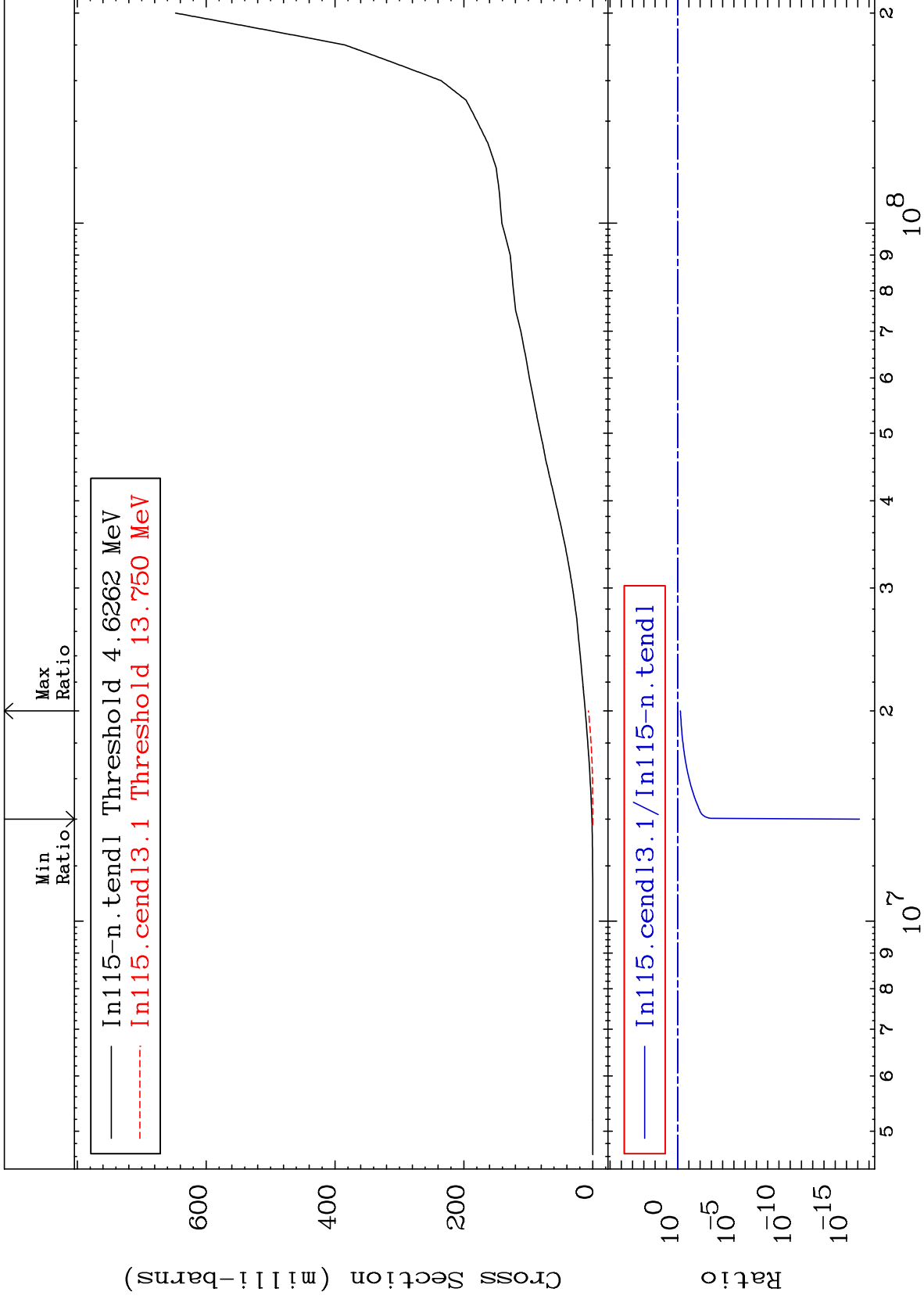
Incident Energy (eV)

49-In-115

MAT 4931

Deuterium Production
Cross Section

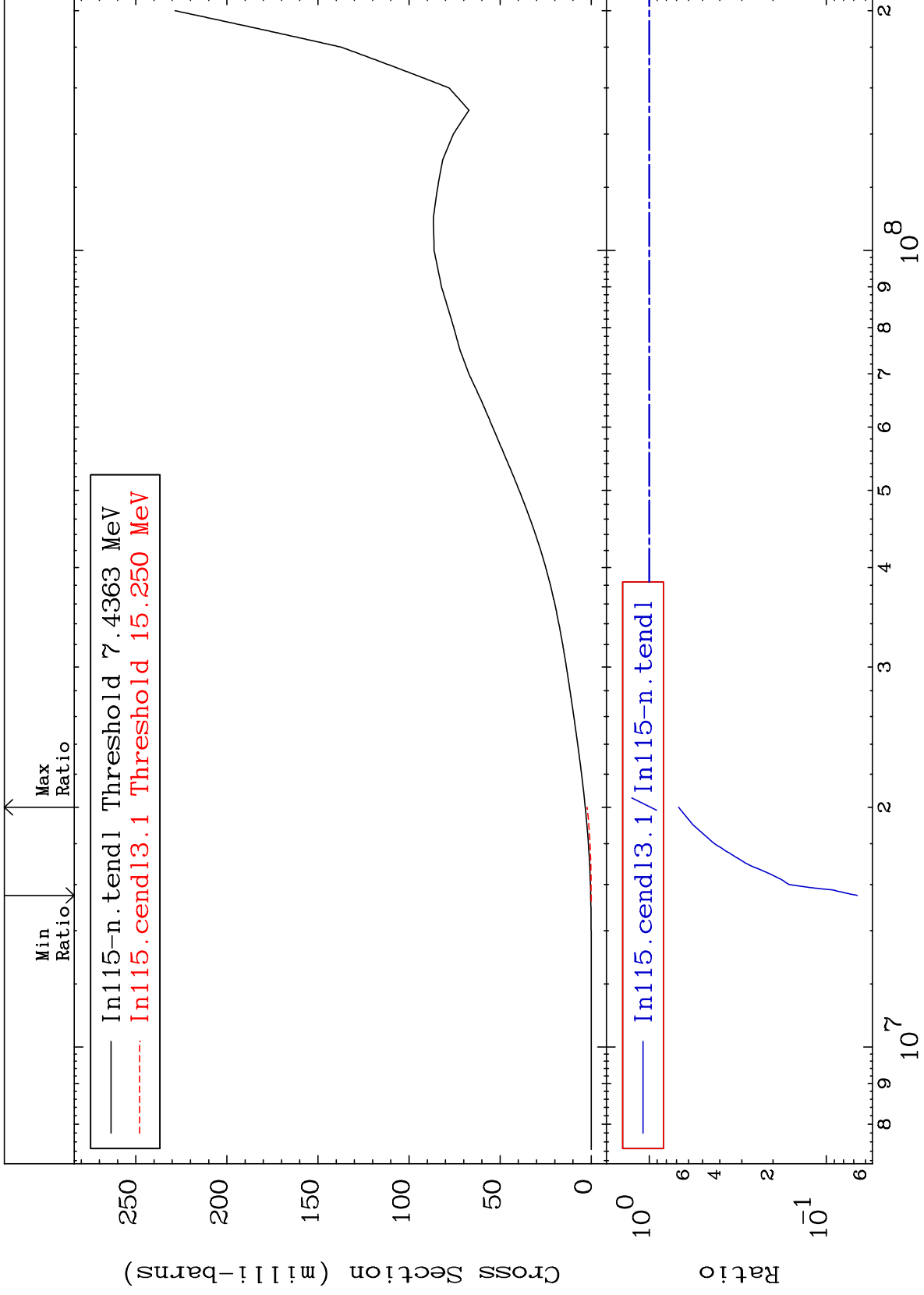
49-In-115
-100.0 To -42.47%

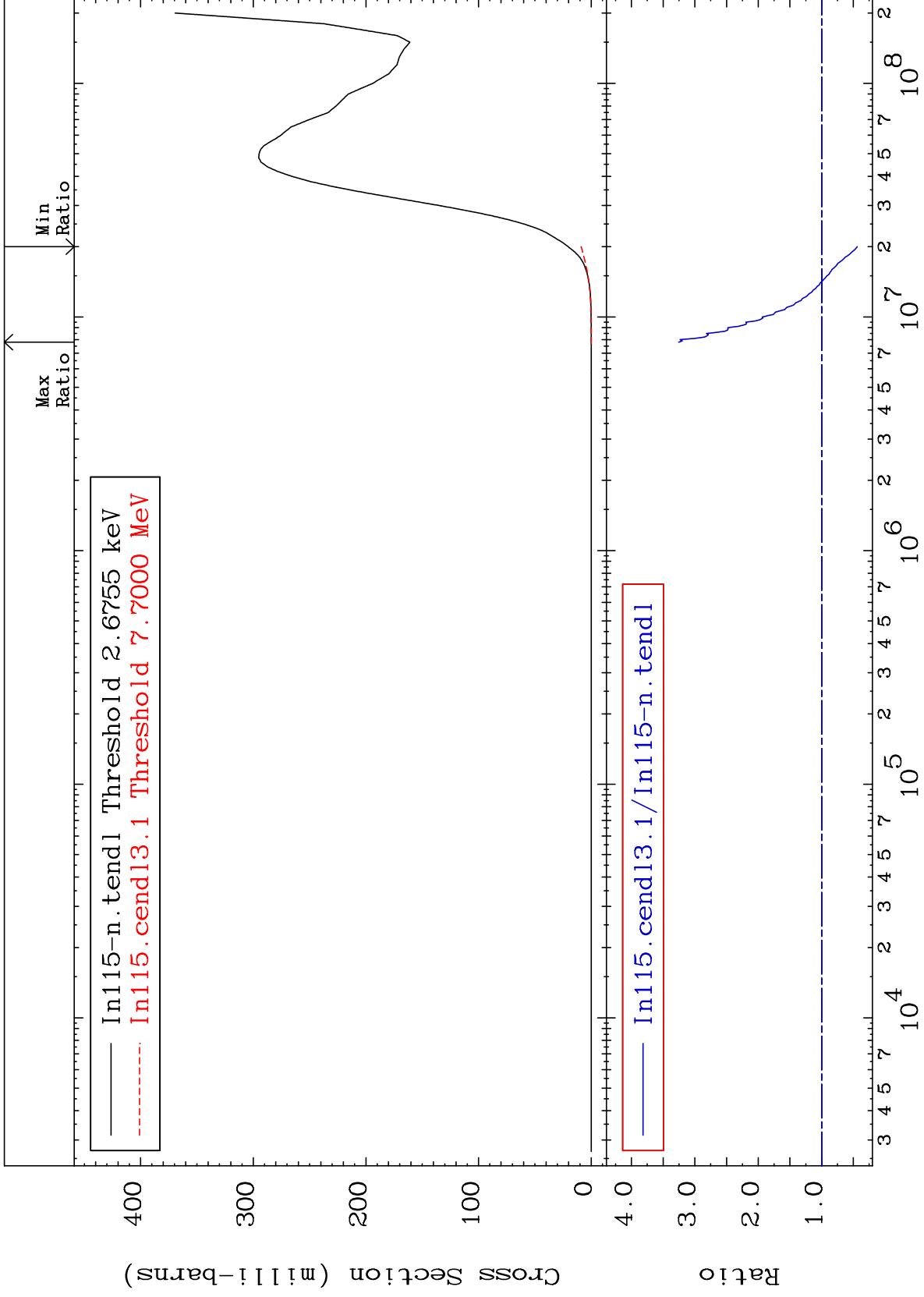


MAT 4931

Tritium Production
Cross Section

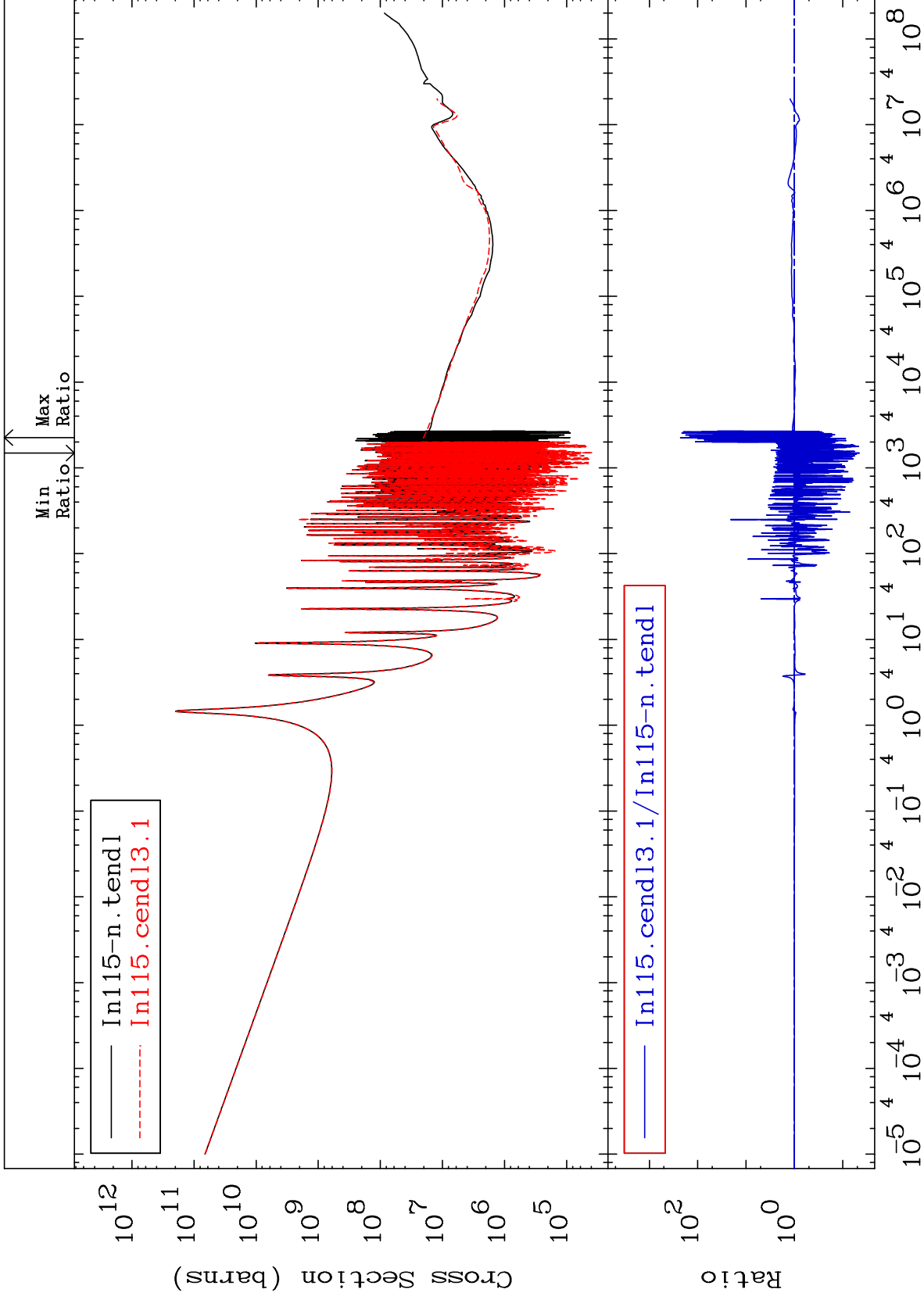
49-In-115
-93.31 To -31.82%

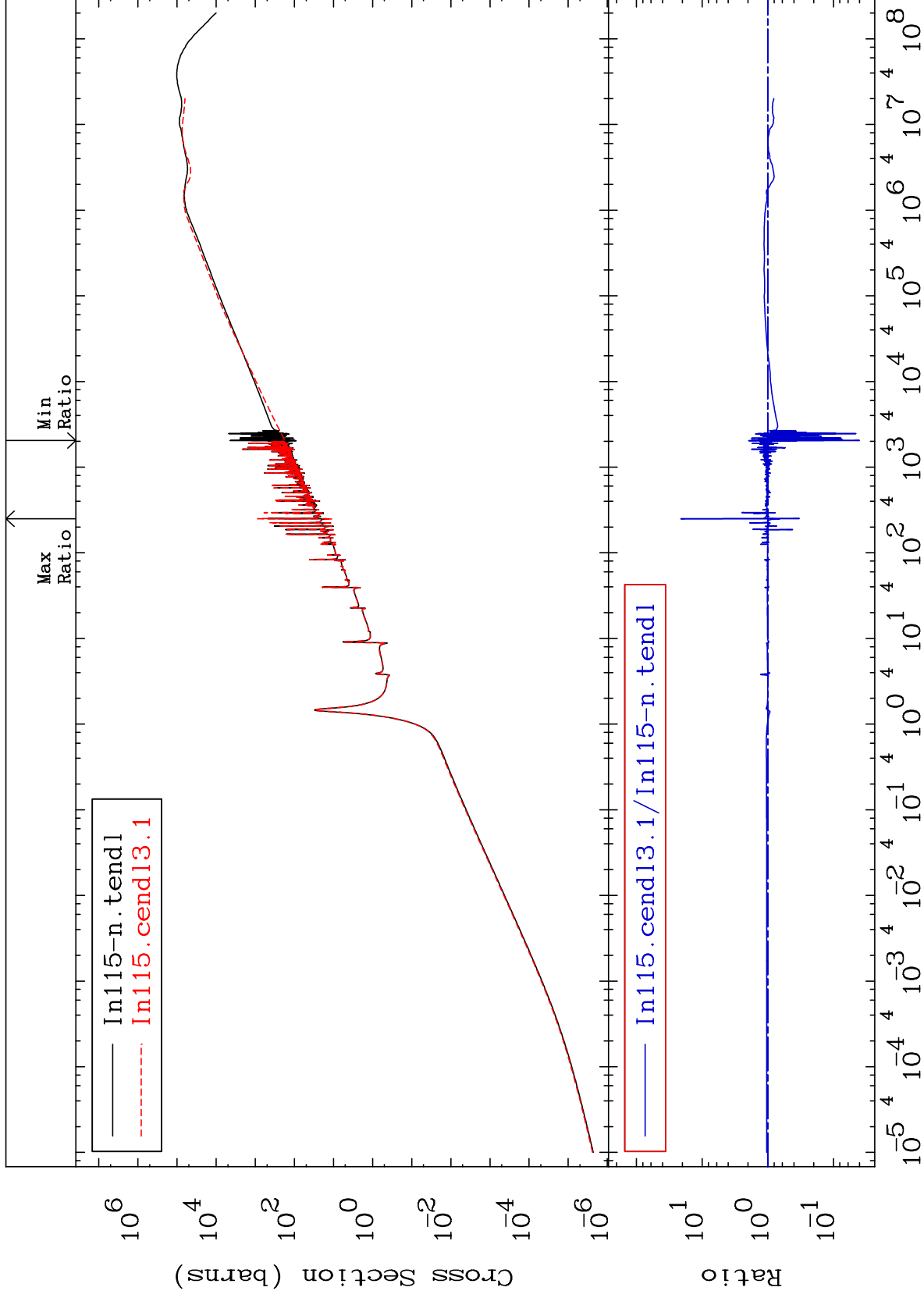




Cross Section

-95.50 To 9999. %

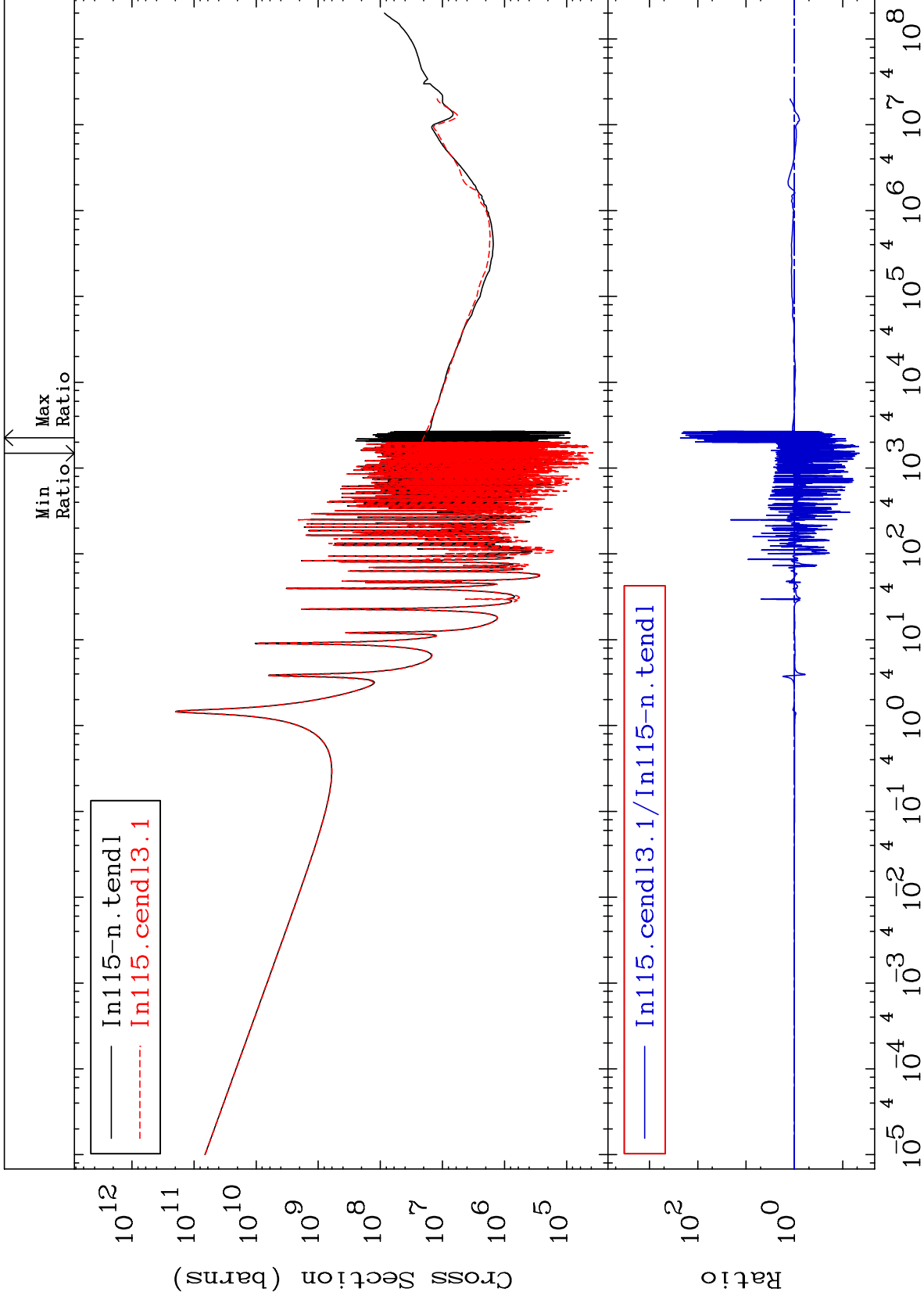




MAT 4931

Kerma non-elastic (all but mt2)
Cross Section

49-In-115
-95.50 To 9999. %



30

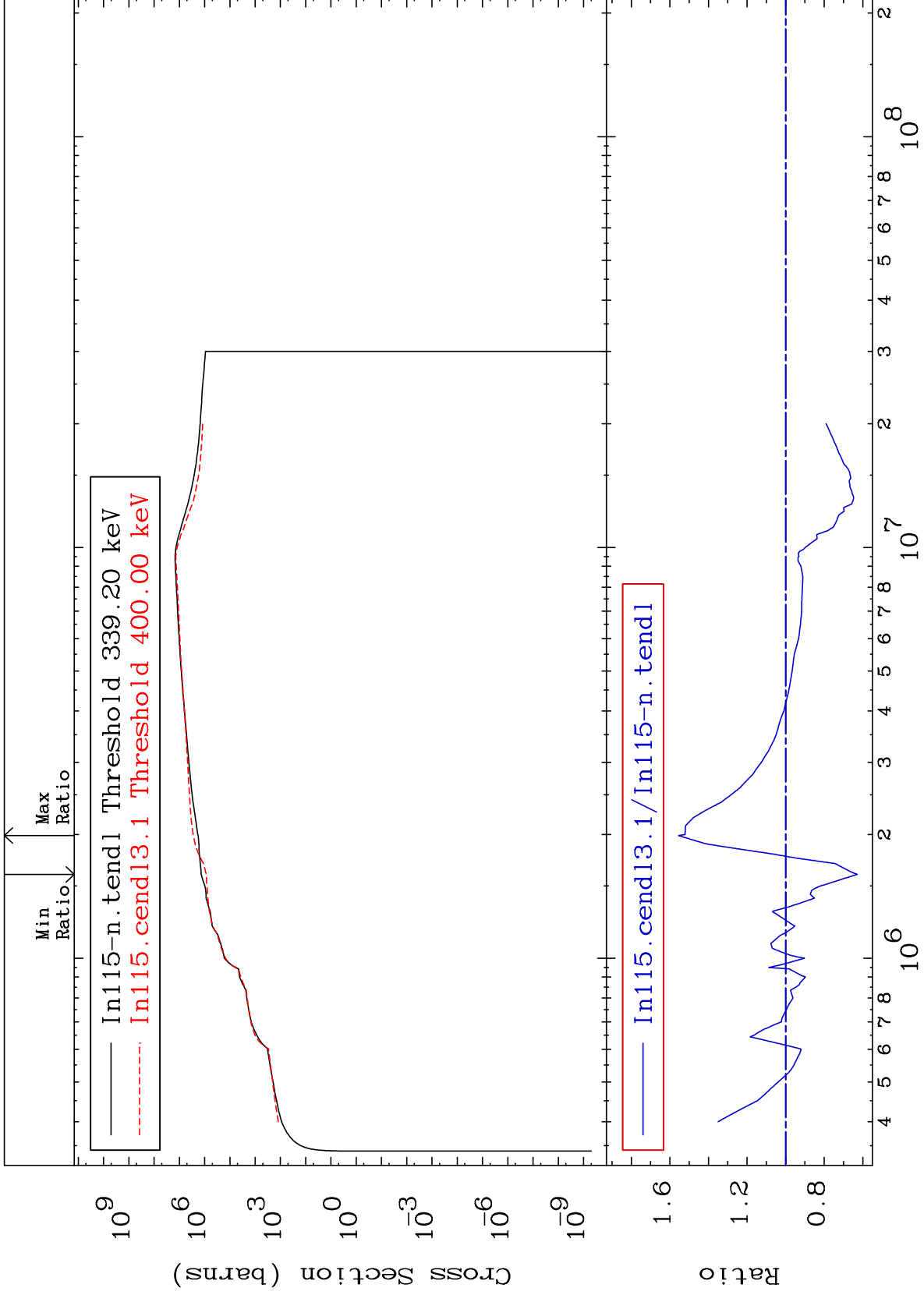
Incident Energy (eV)

49-In-115

MAT 4931

Kerma inelastic (mt51-91)
Cross Section

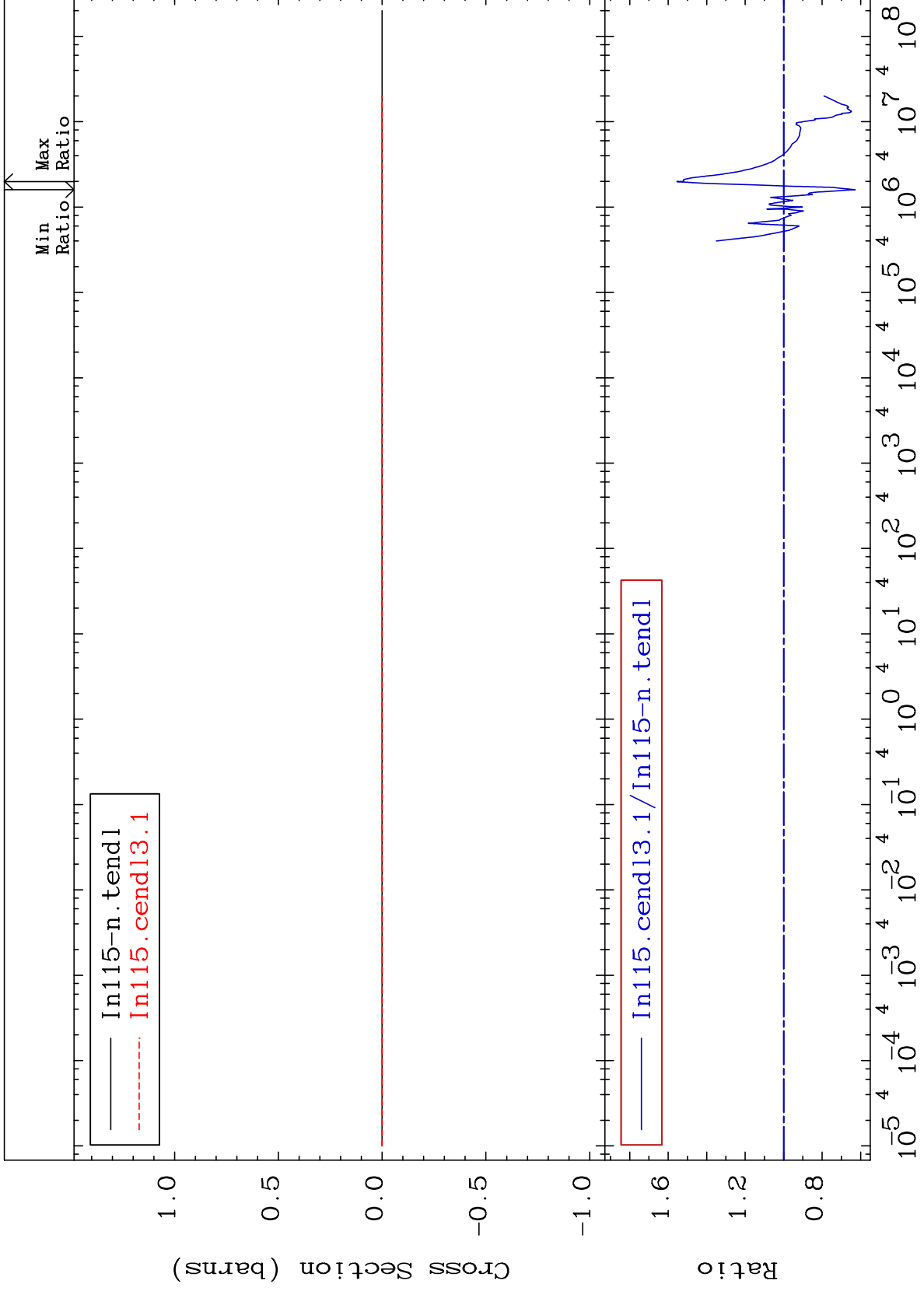
49-In-115
-37.13 To 55.46 %



MAT 4931

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

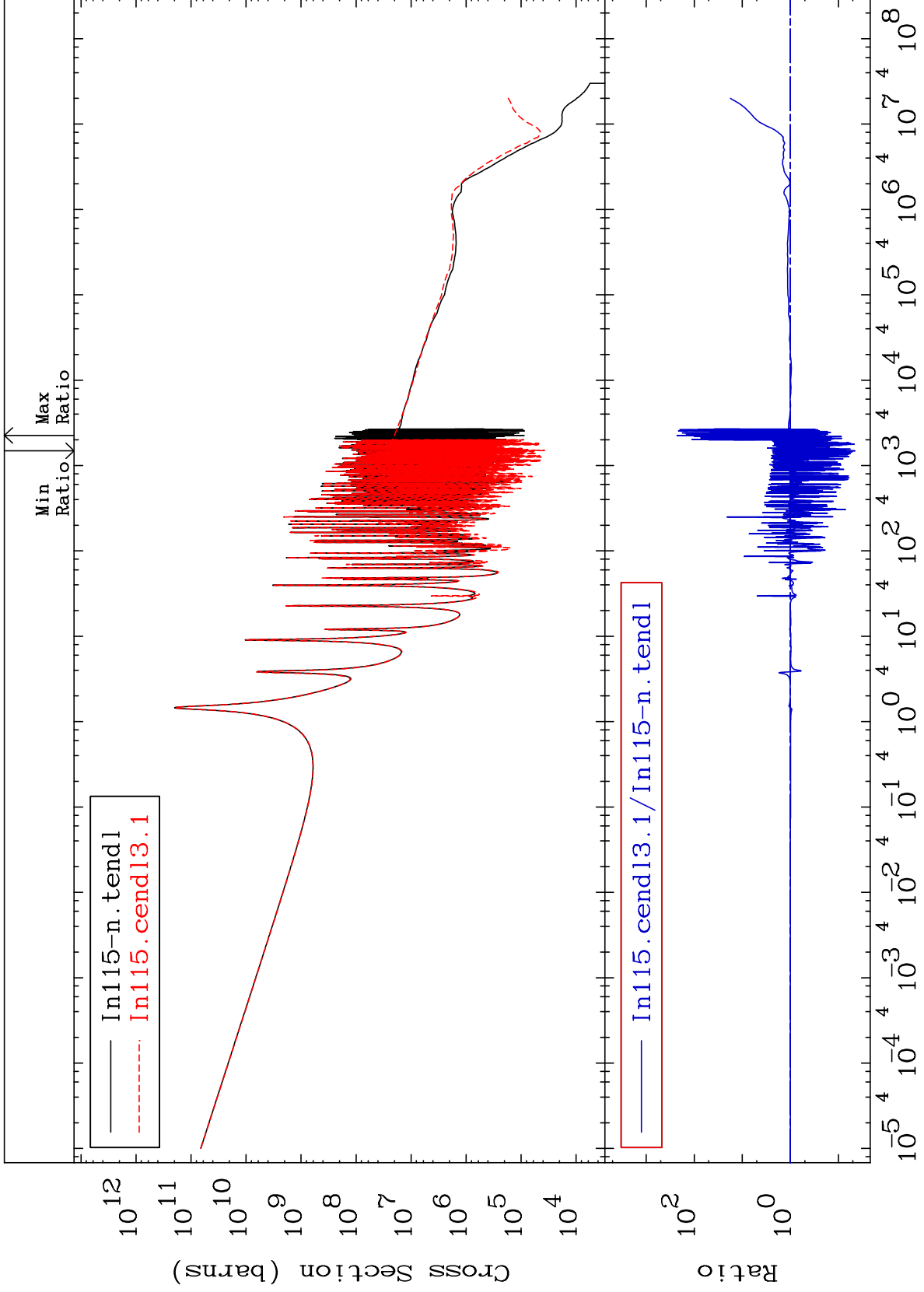
49-In-115
-37.13 To 55.46 %

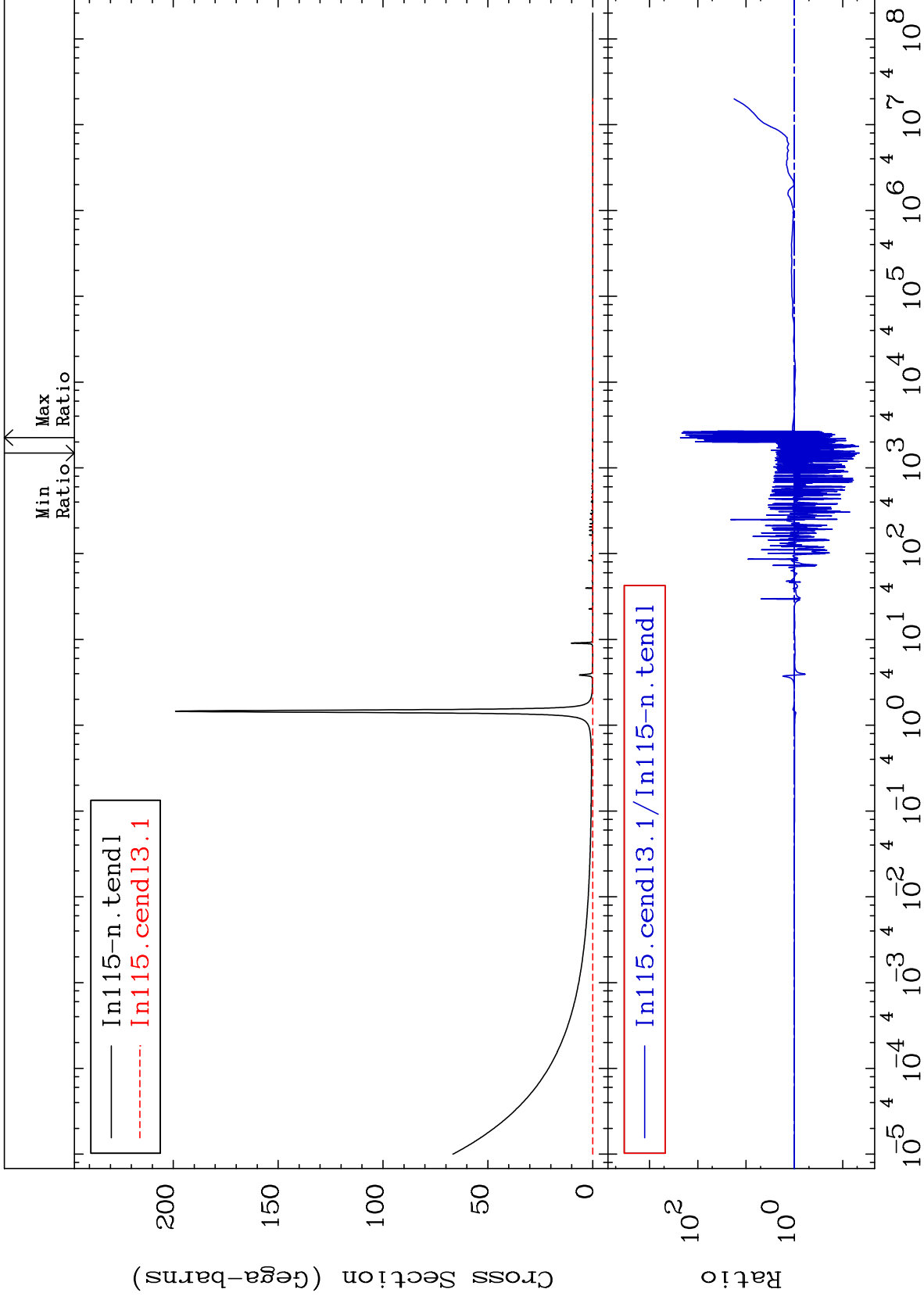


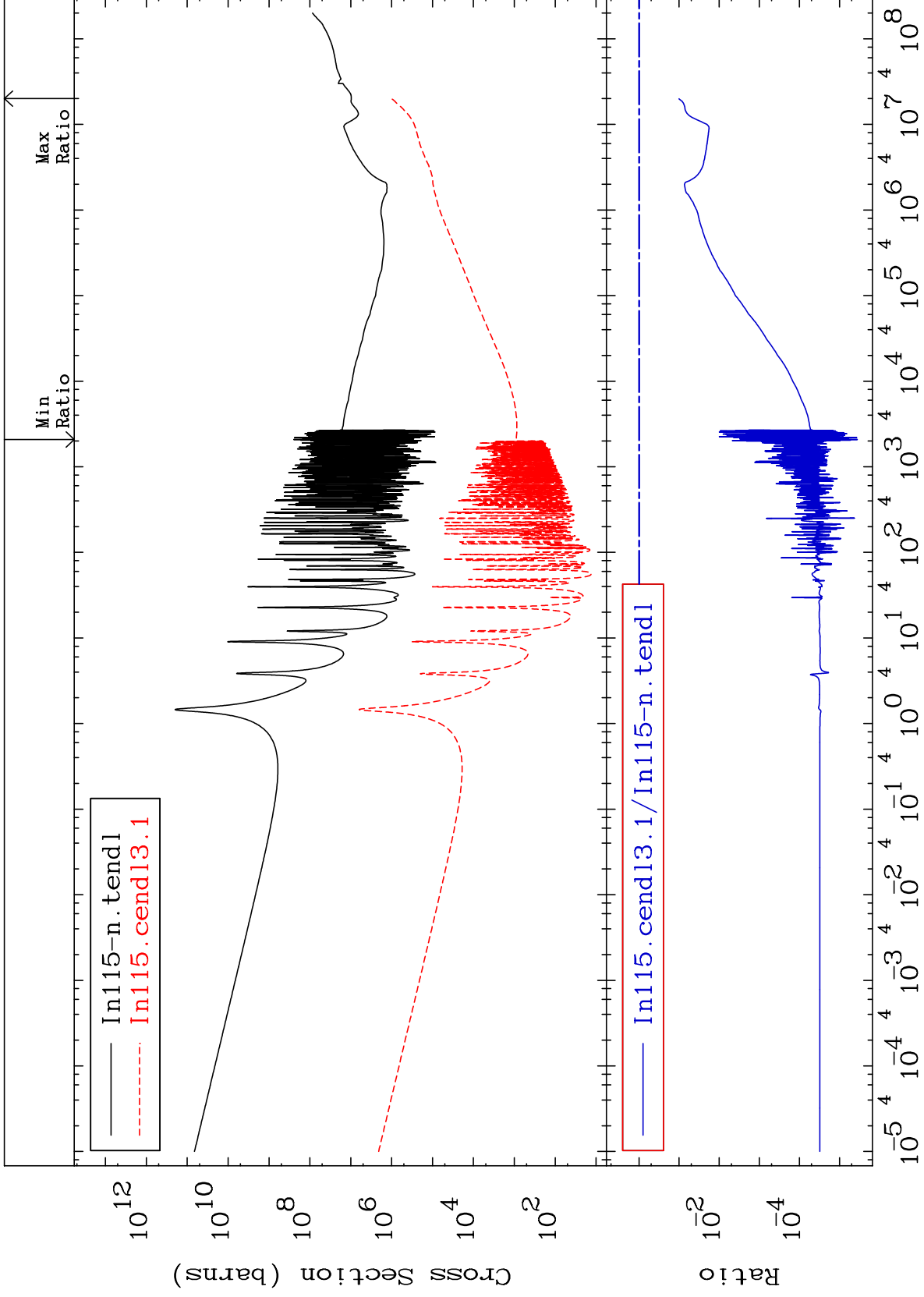
MAT 4931

Kerma capture (mt102)
Cross Section

49-In-115
-95.50 To 9999. %







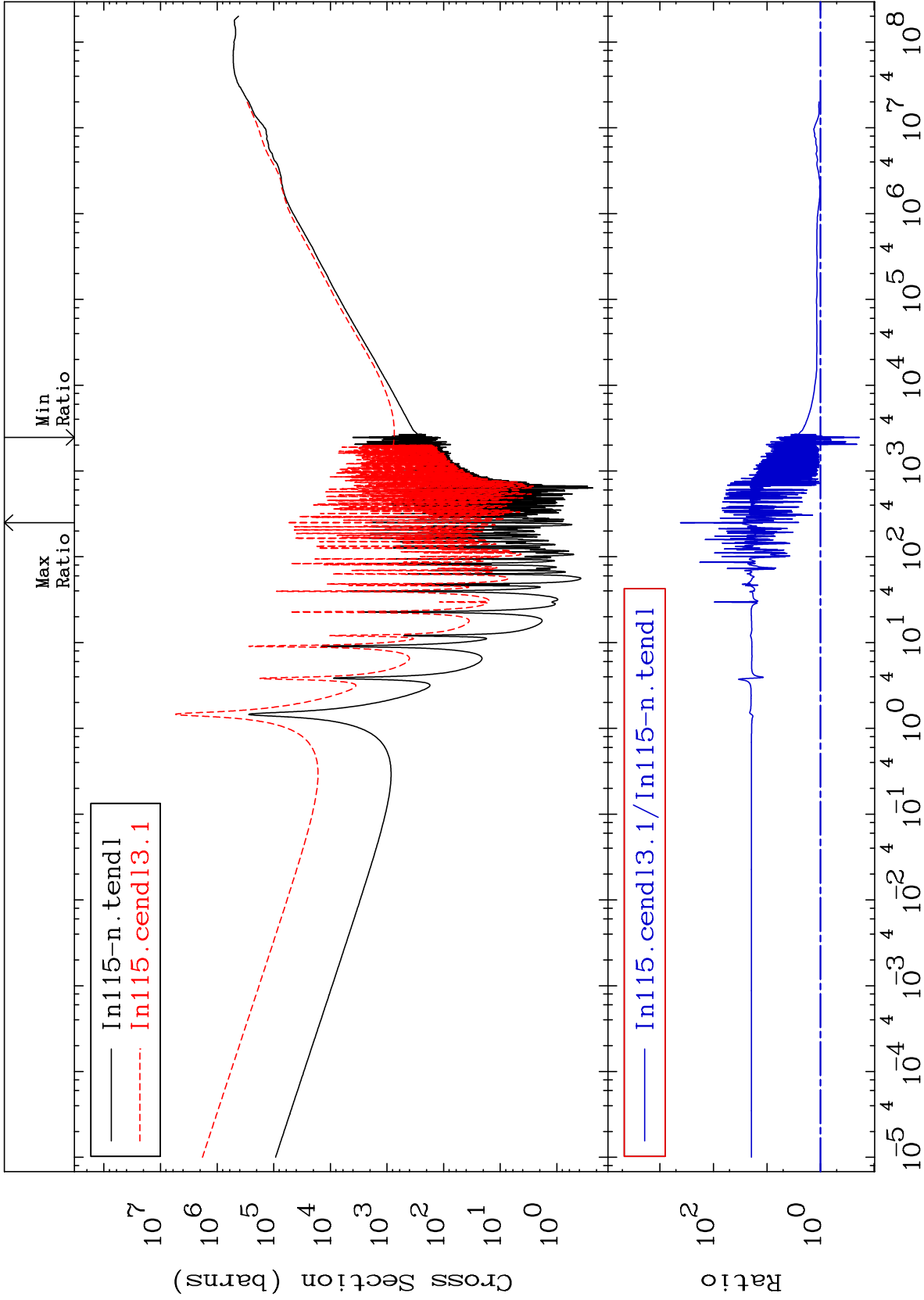
MAT 4931

Dpa total (eV-barns)

49-In-115

Cross Section

-81.24 To 9999. %



36

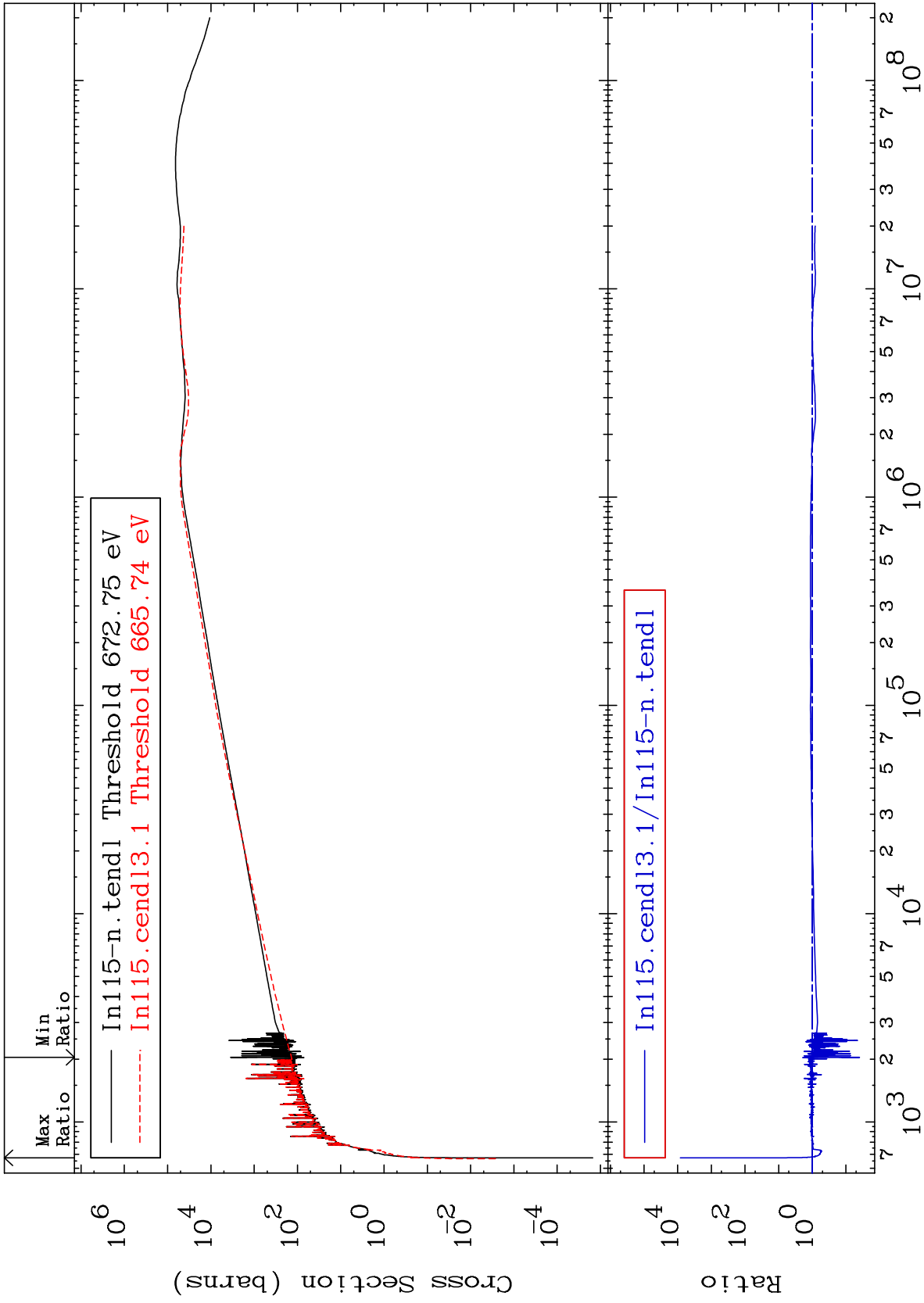
Incident Energy (eV)

49-In-115

MAT 4931

Dpa elastic (mt2)
Cross Section

49-In-115
-96.02 To 9999. %



37

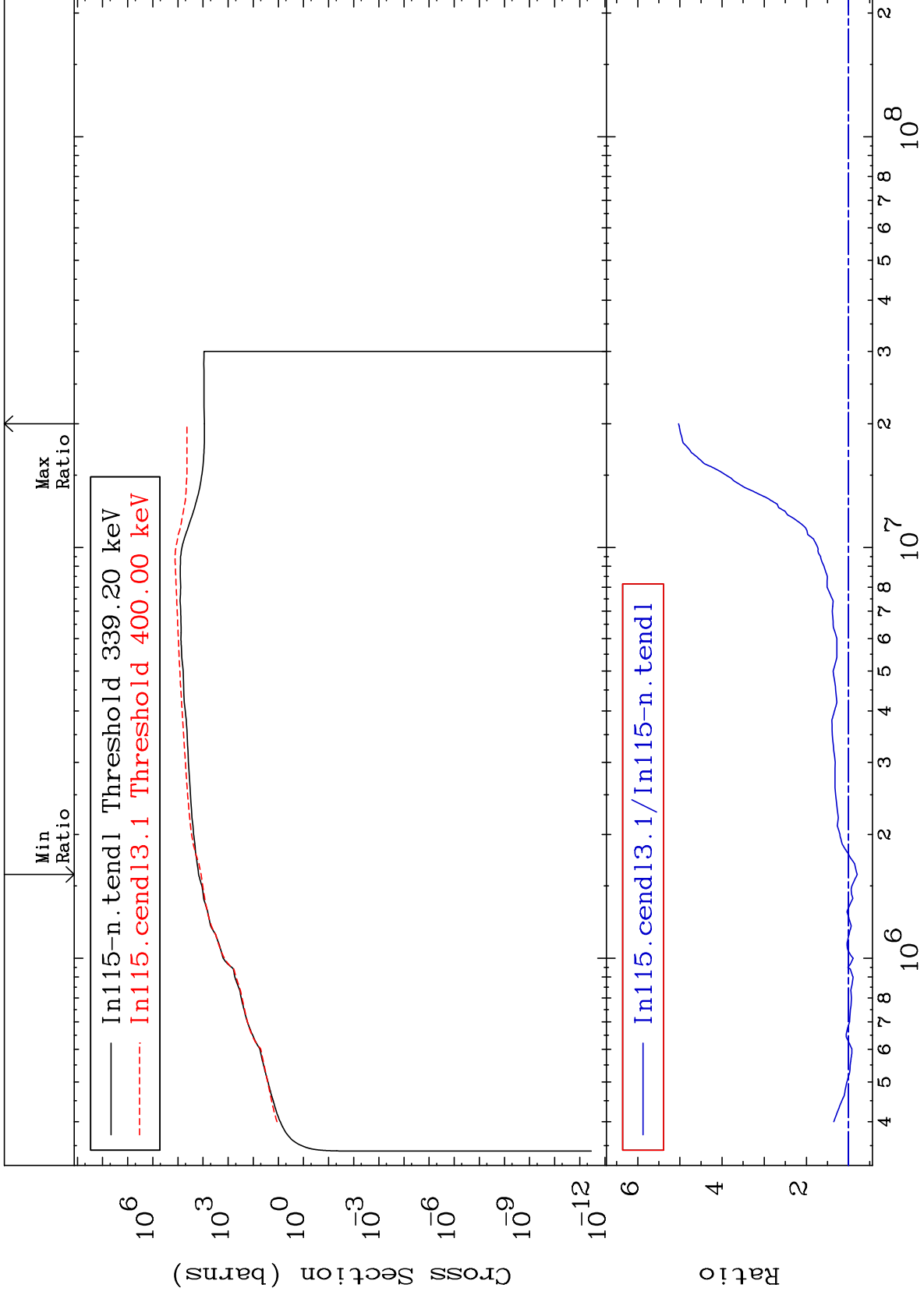
Incident Energy (eV)

49-In-115

MAT 4931

Dpa inelastic (mt51-91)
Cross Section

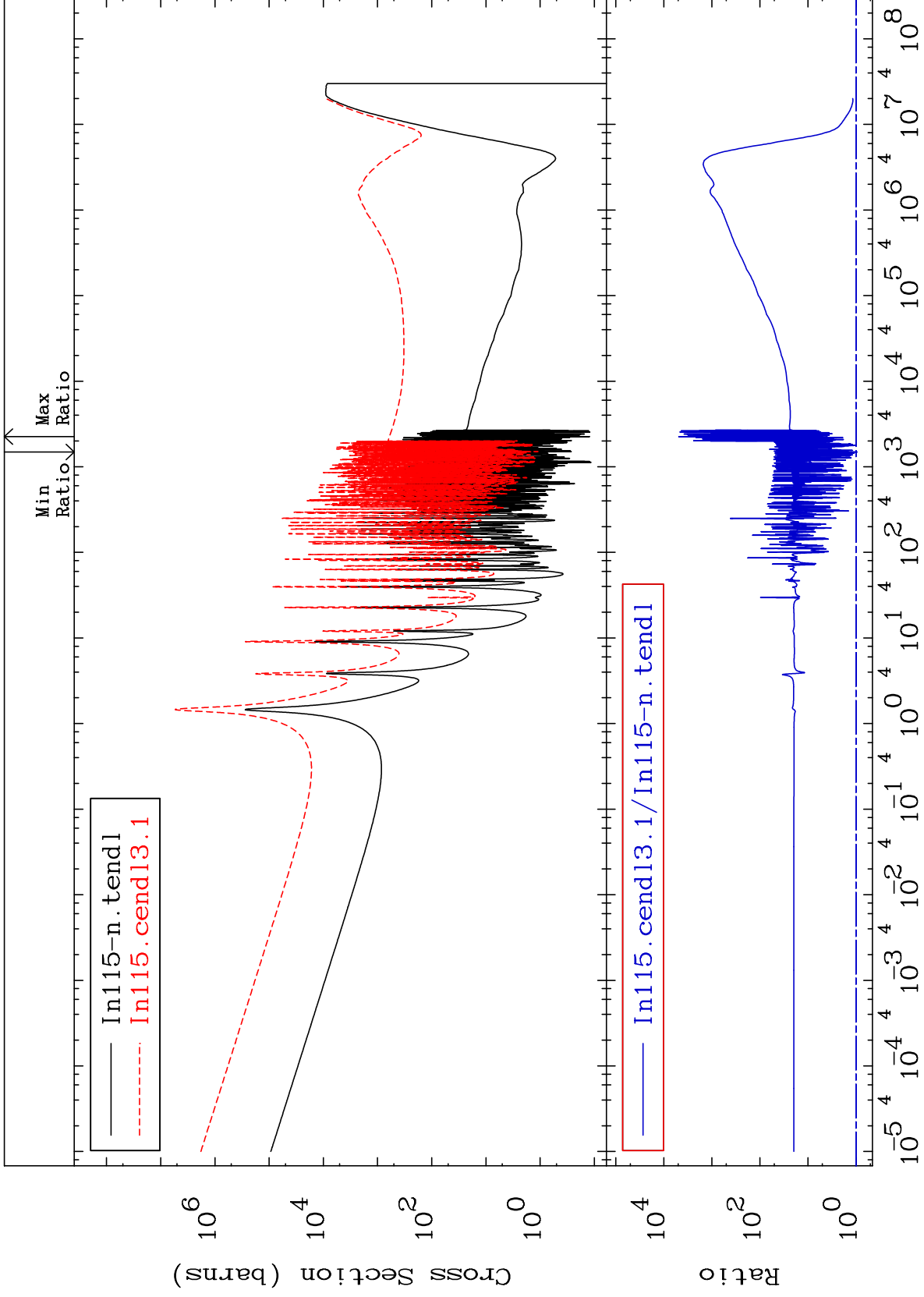
49-In-115
-20.64 To 403.1 %



MAT 4931

Dpa disappearance (mt102 -120)
Cross Section

49-In-115
-6.234 To 9999. %



39

Incident Energy (eV)

49-In-115