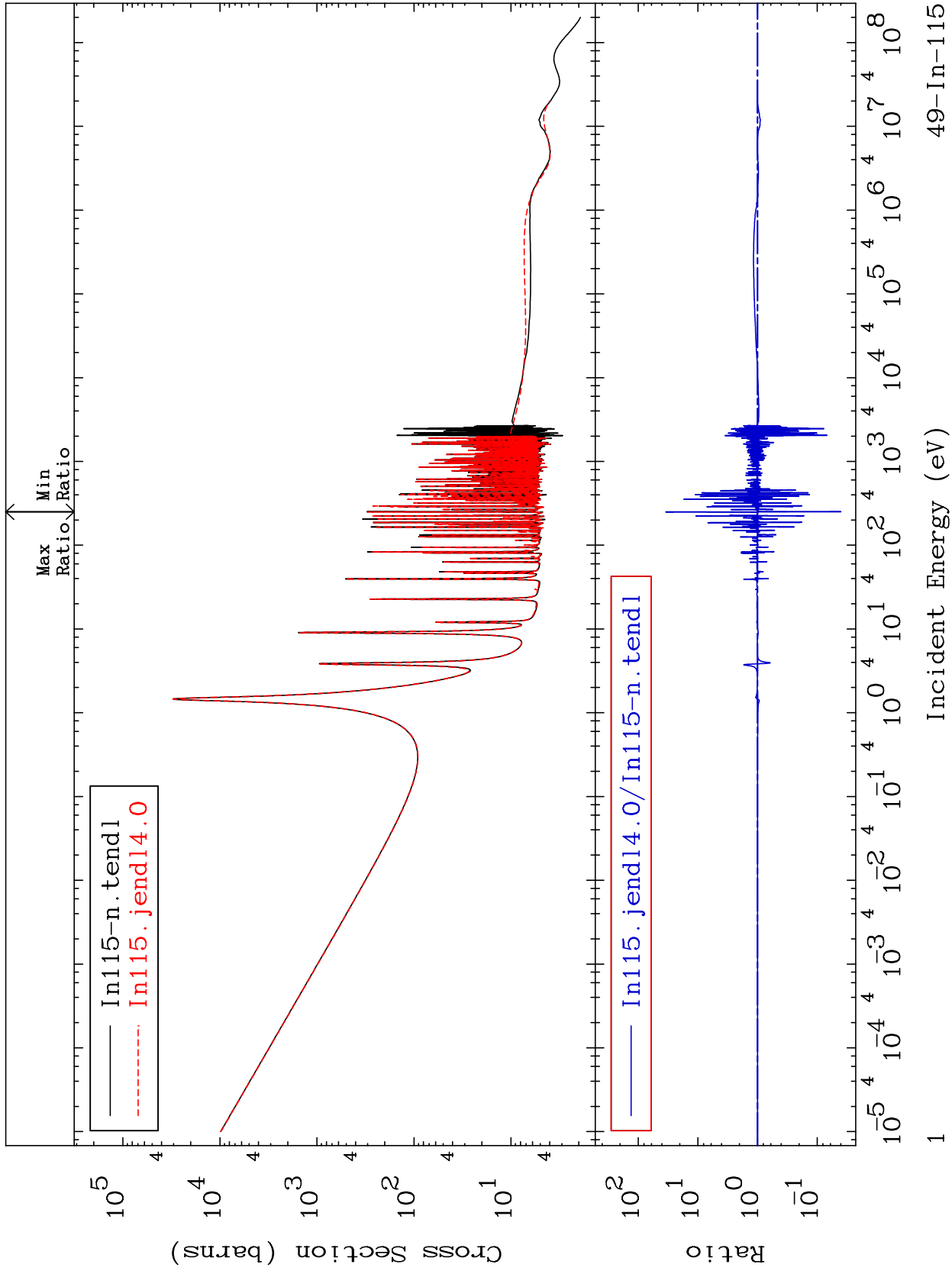


MAT 4931

Total Cross Section
49-In-115
-95.99 To 3317. %

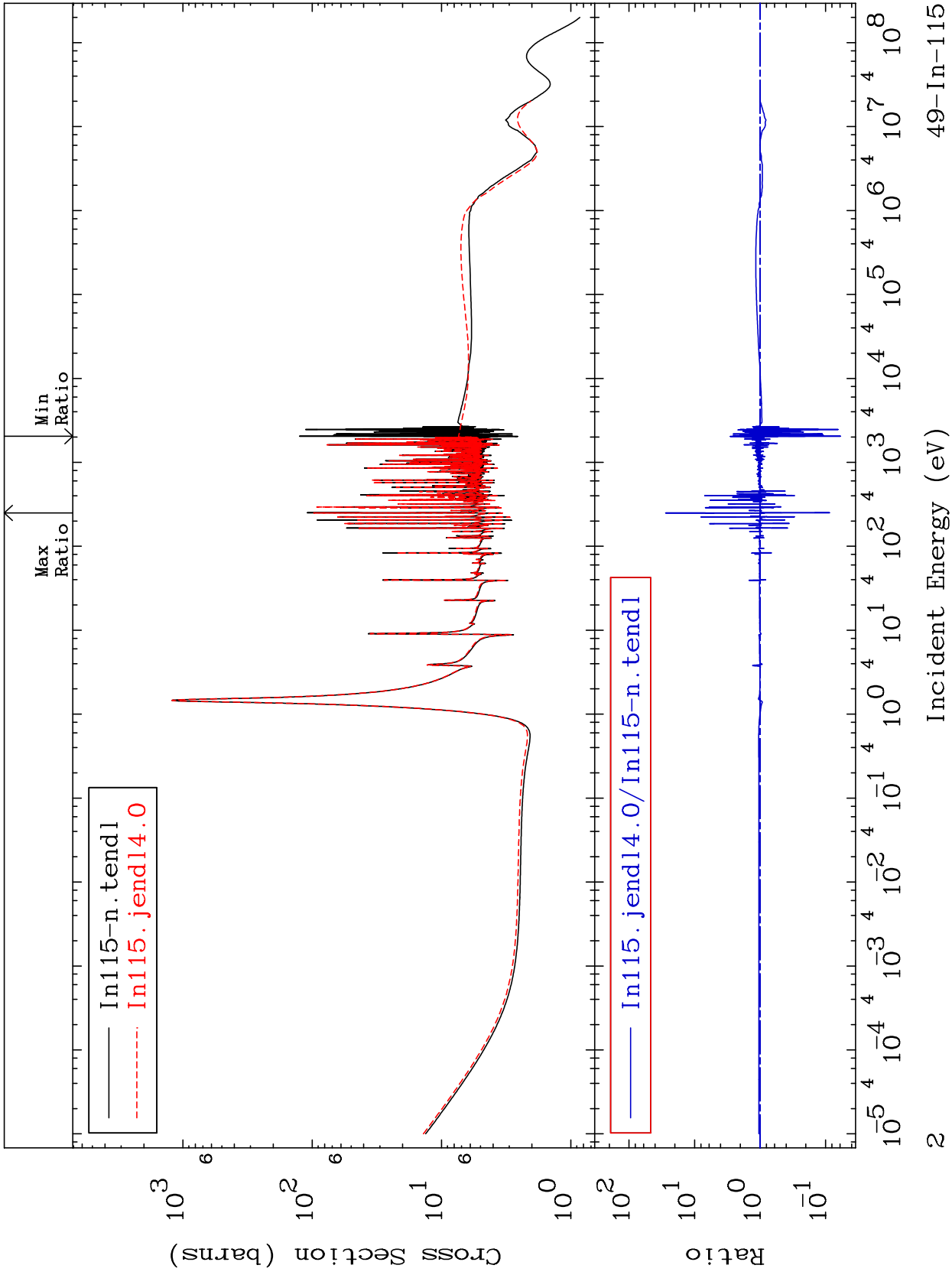


49-In-115

MAT 4931

Elastic
Cross Section

49-In-115
-94.12 To 2674. %

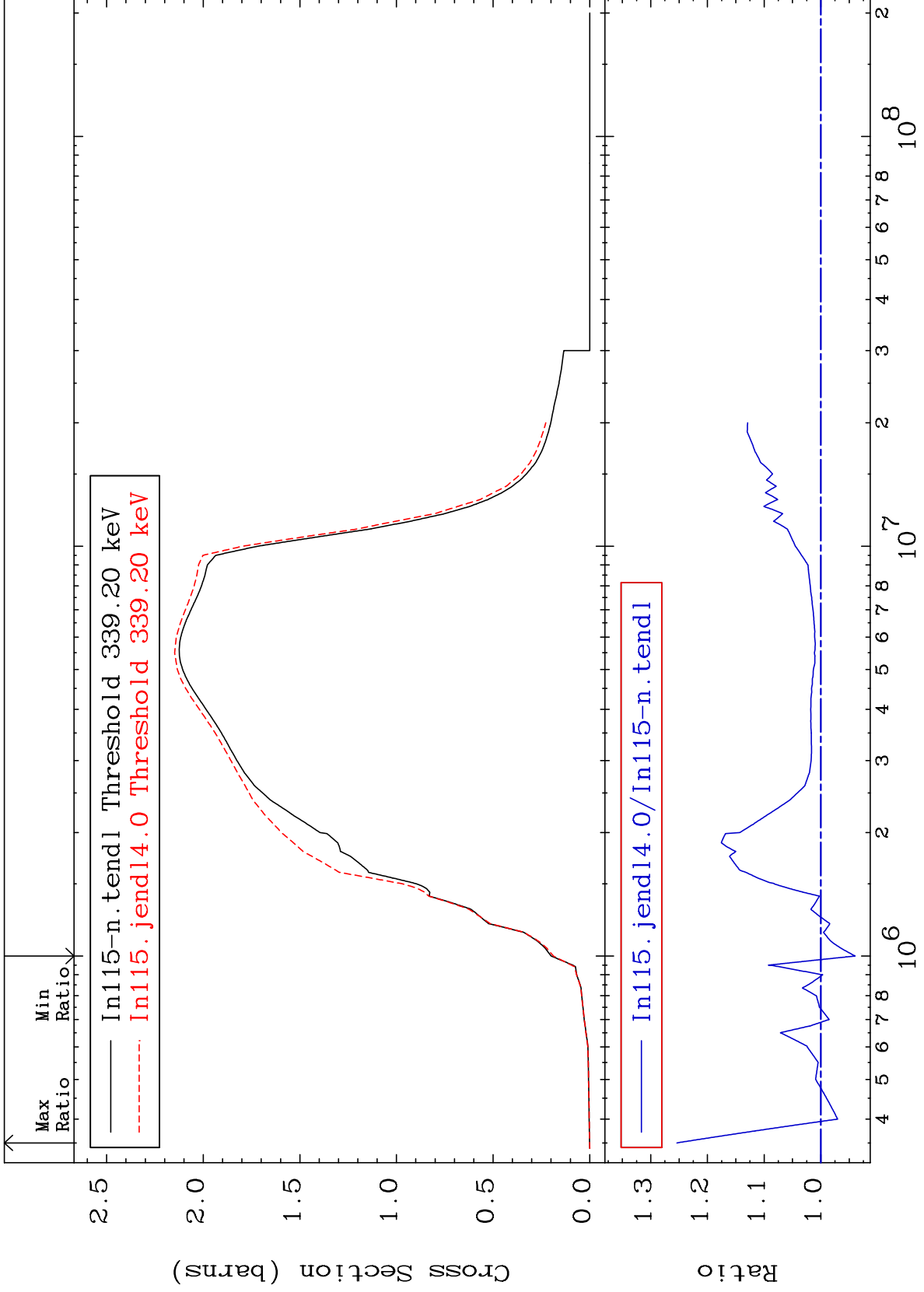


49-In-115

MAT 4931

Inelastic
Cross Section

49-In-115
-6.034 To 25.38 %



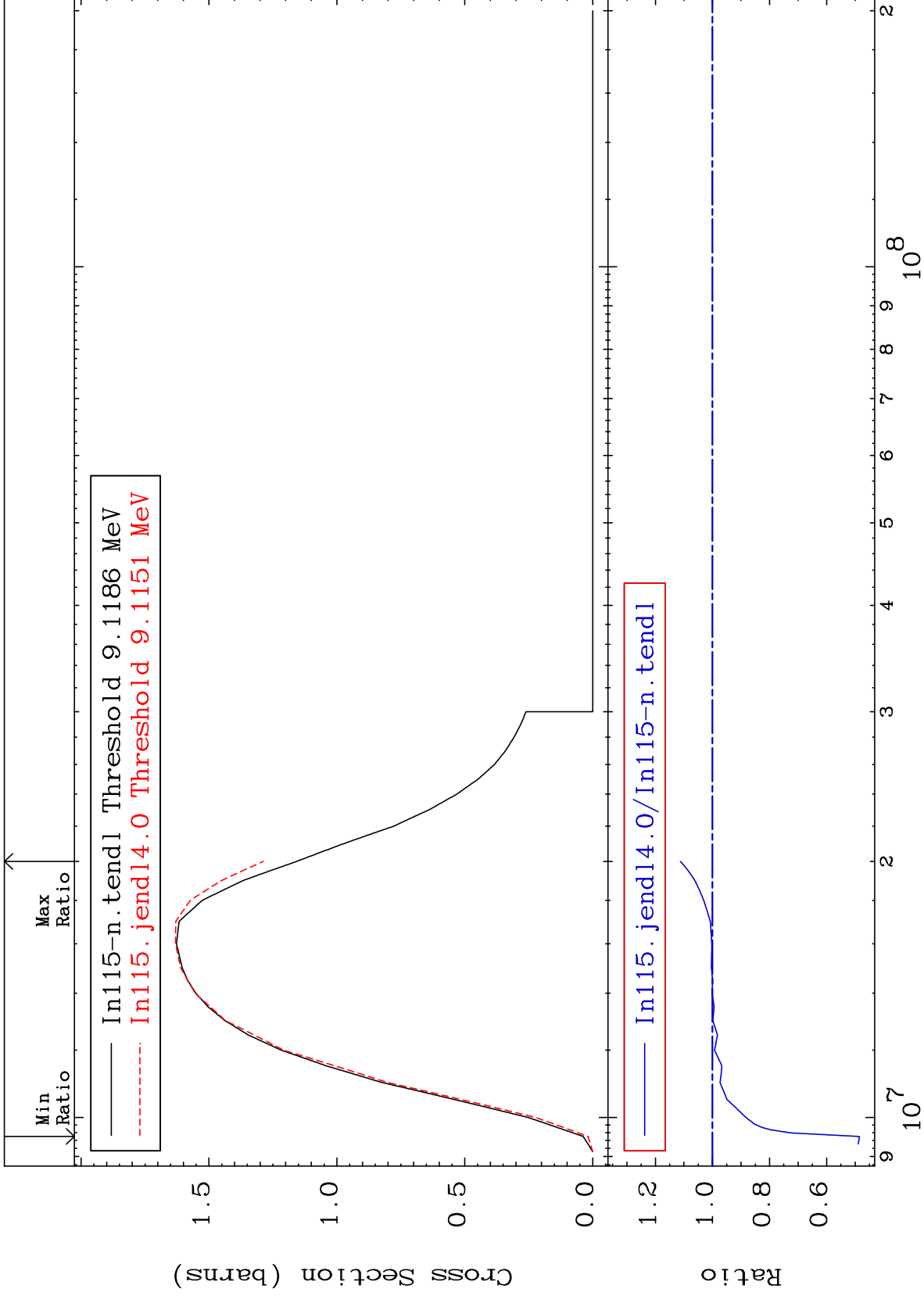
MAT 4931

(n,2n)

49-In-115

Cross Section

-51.49 To 11.26 %



4

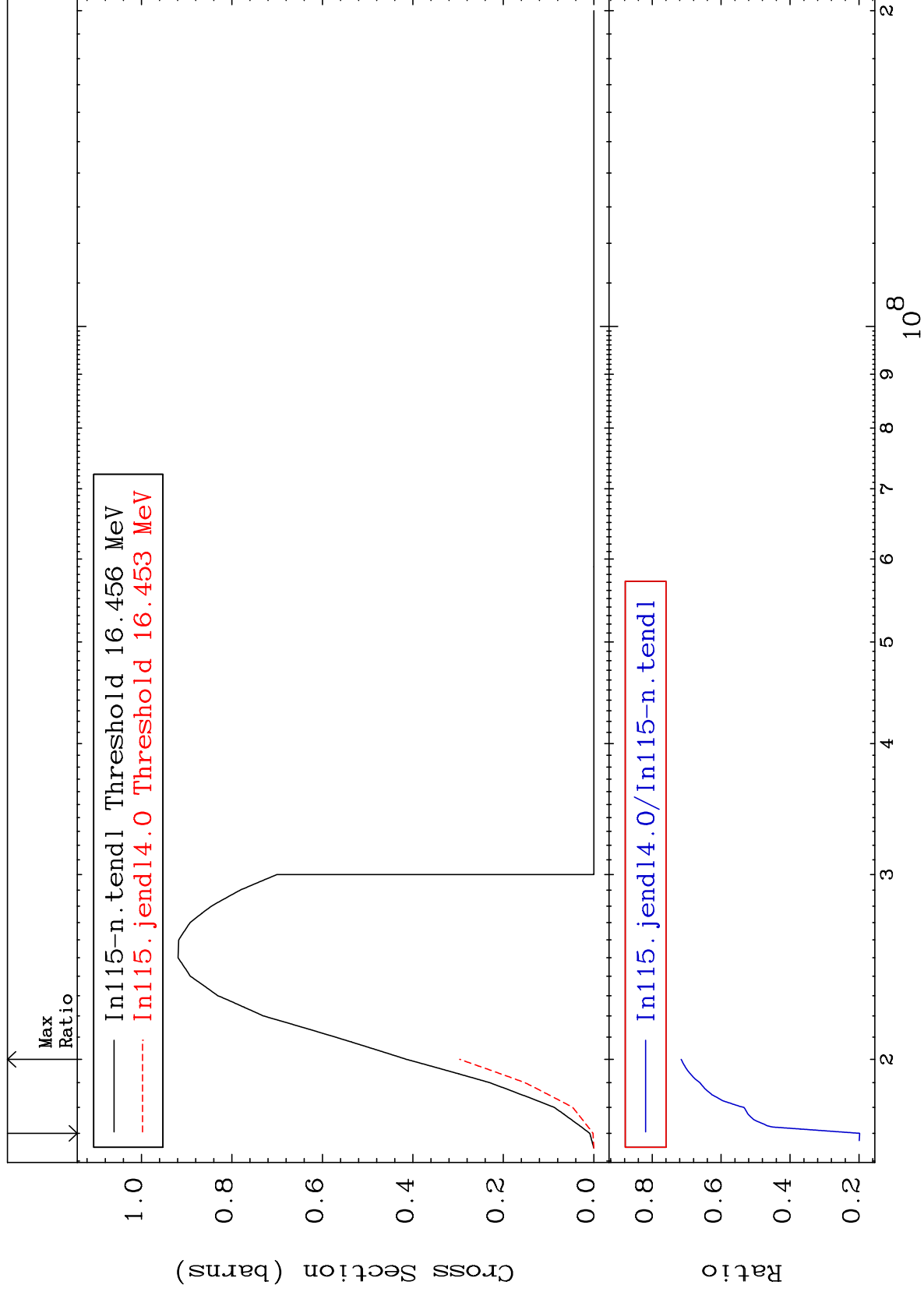
Incident Energy (eV)

49-In-115

MAT 4931

(n,3n)
Cross Section

49-In-115
-80.18 To -28.42%



5

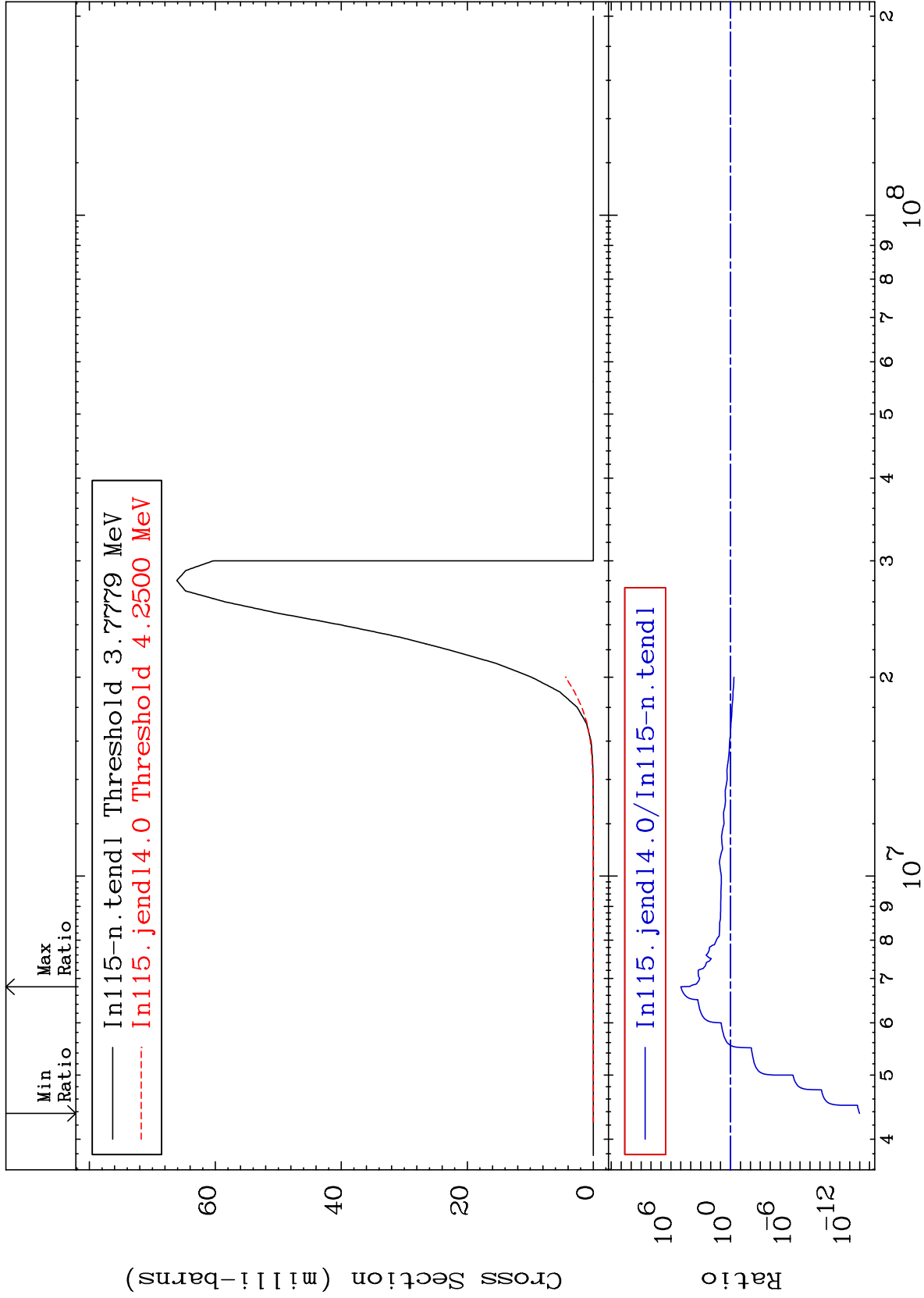
Incident Energy (eV)

49-In-115

MAT 4931

(n,n') α
Cross Section

49-In-115
-100.0 To 9999. %



6

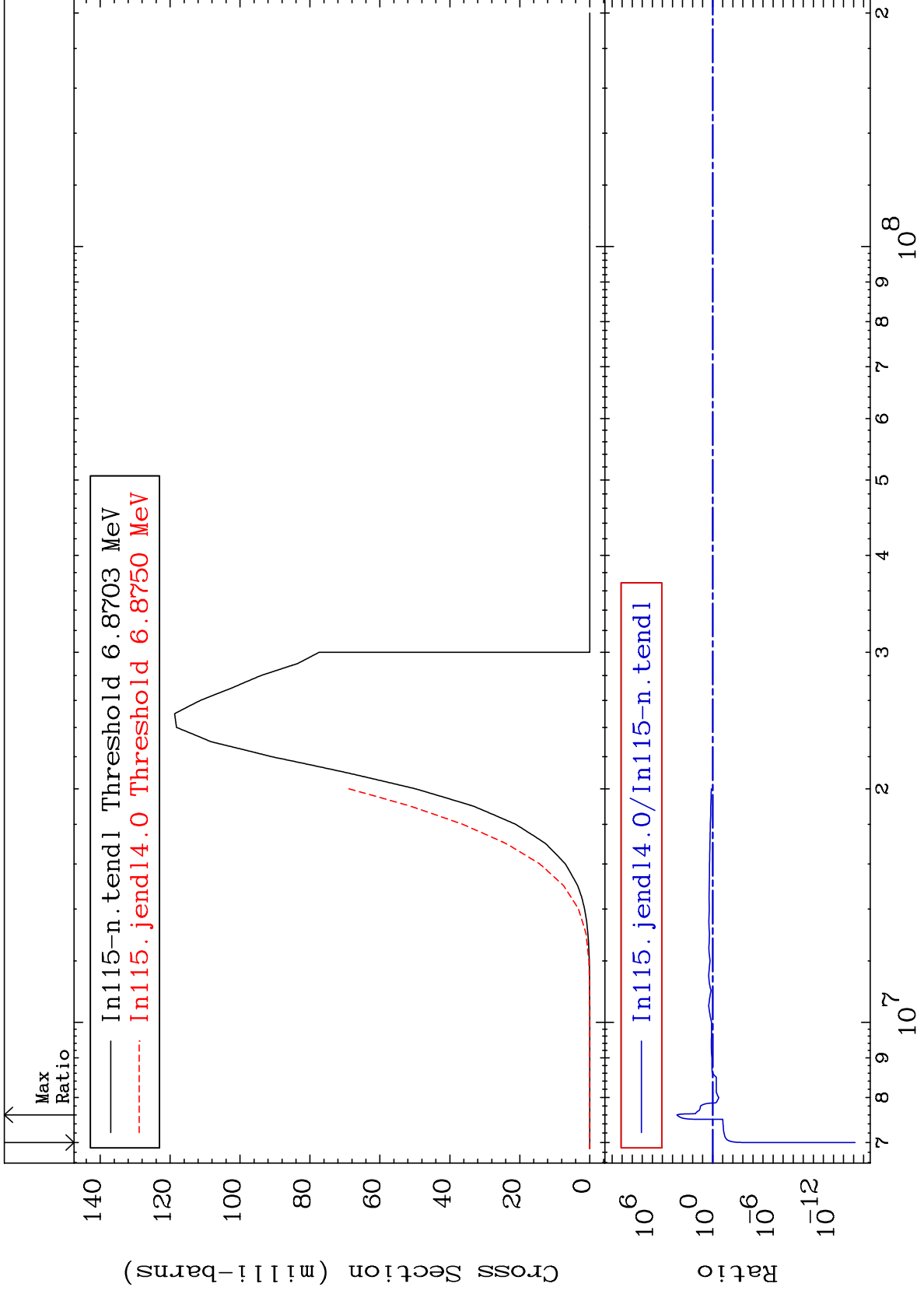
Incident Energy (eV)

49-In-115

MAT 4931

(n,n') p
Cross Section

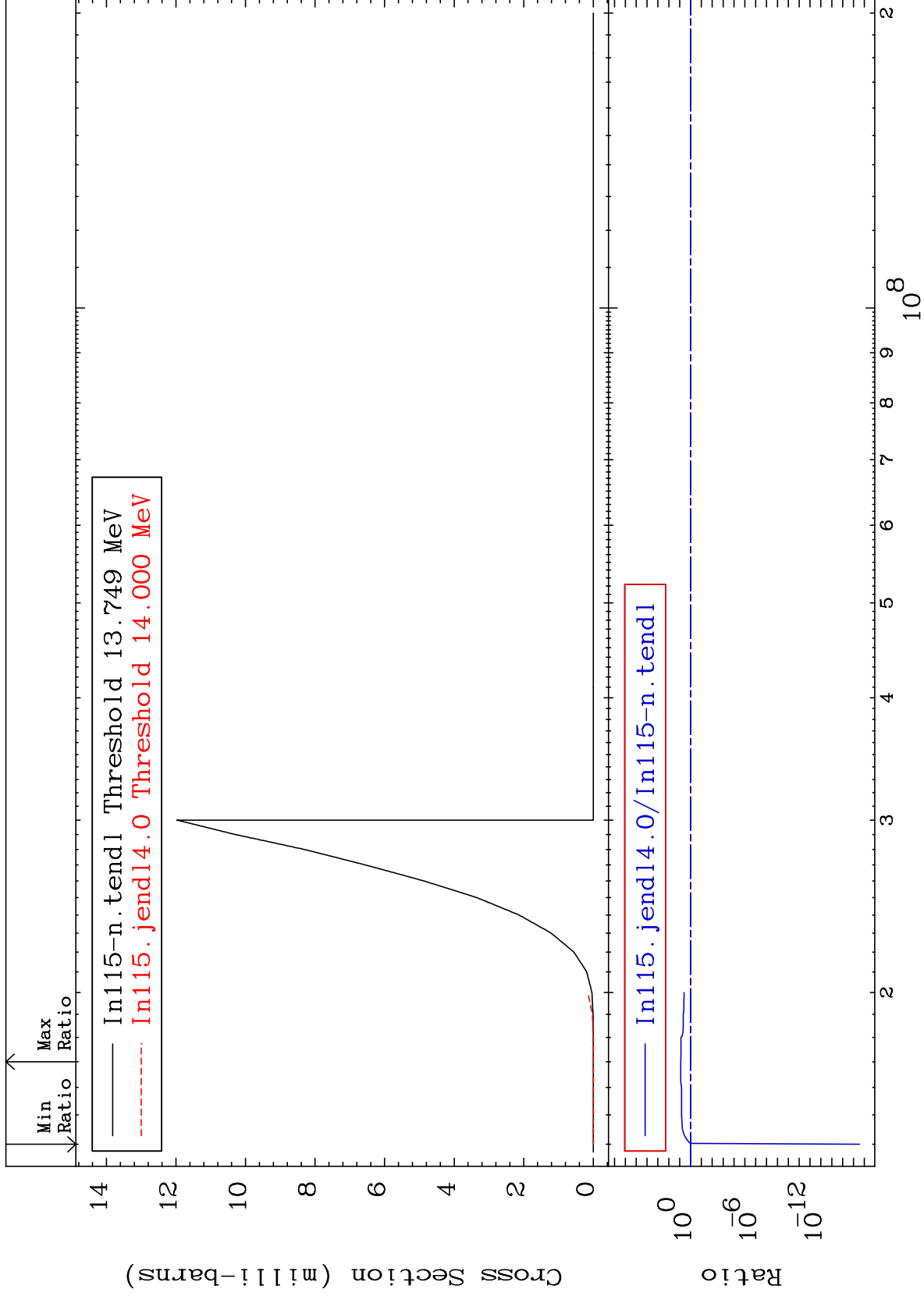
49-In-115
-100.0 To 9999. %



7

Incident Energy (eV)

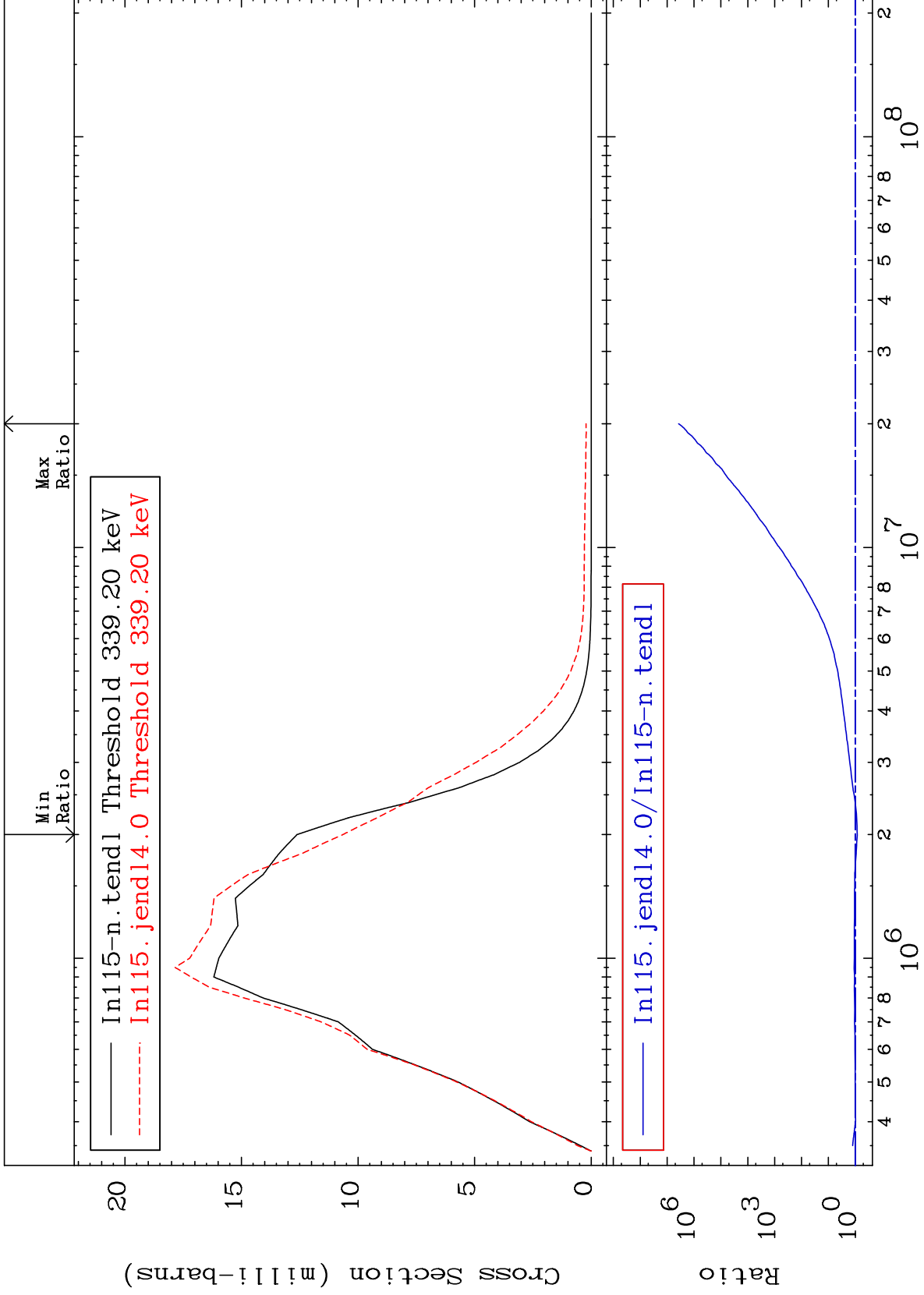
49-In-115



MAT 4931

336.2 keV (n,n') Level
Cross Section

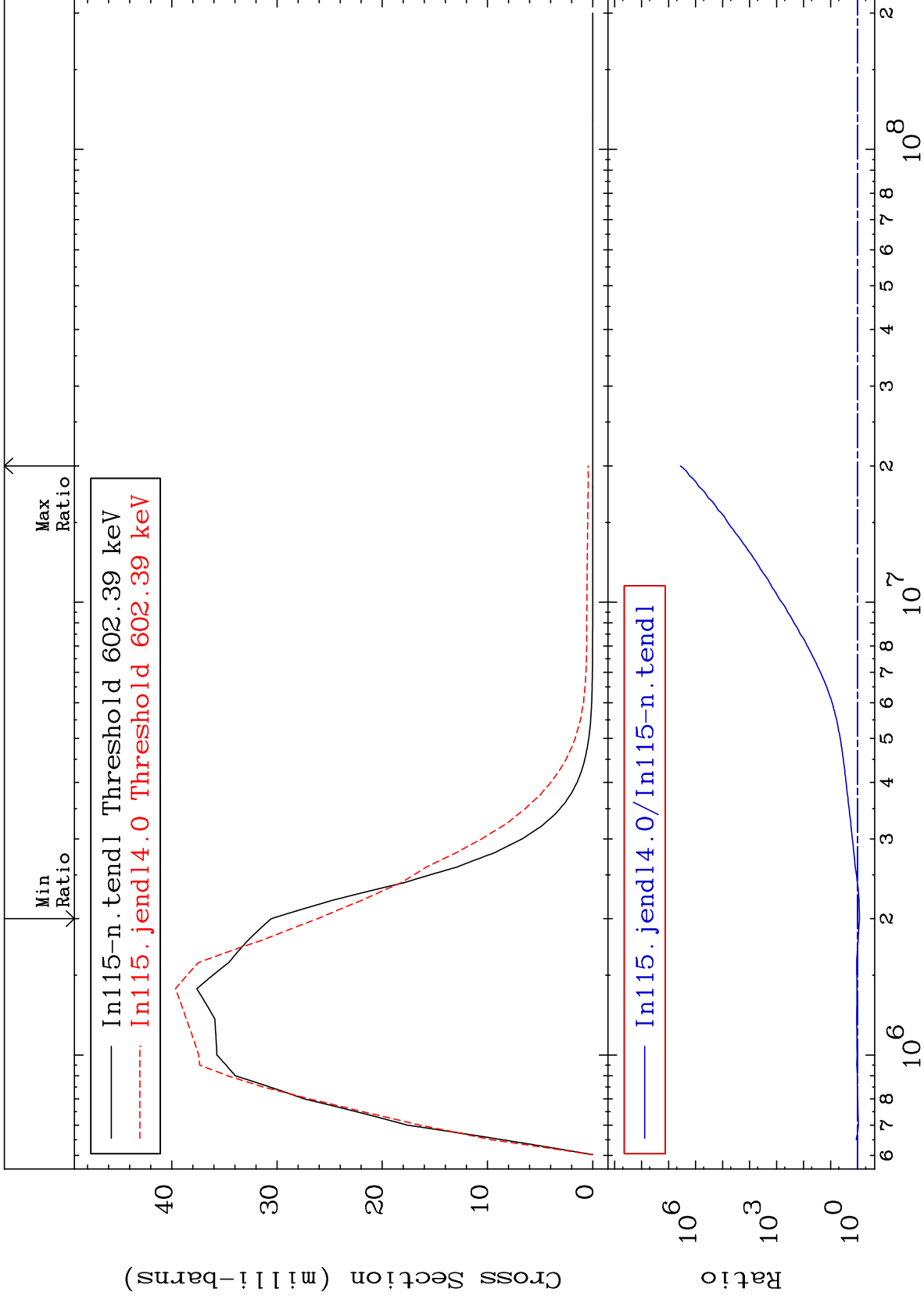
49-In-115
-15.59 To 9999. %



MAT 4931

597.1 keV (n,n') Level
Cross Section

49-In-115
-14.49 To 9999. %



10

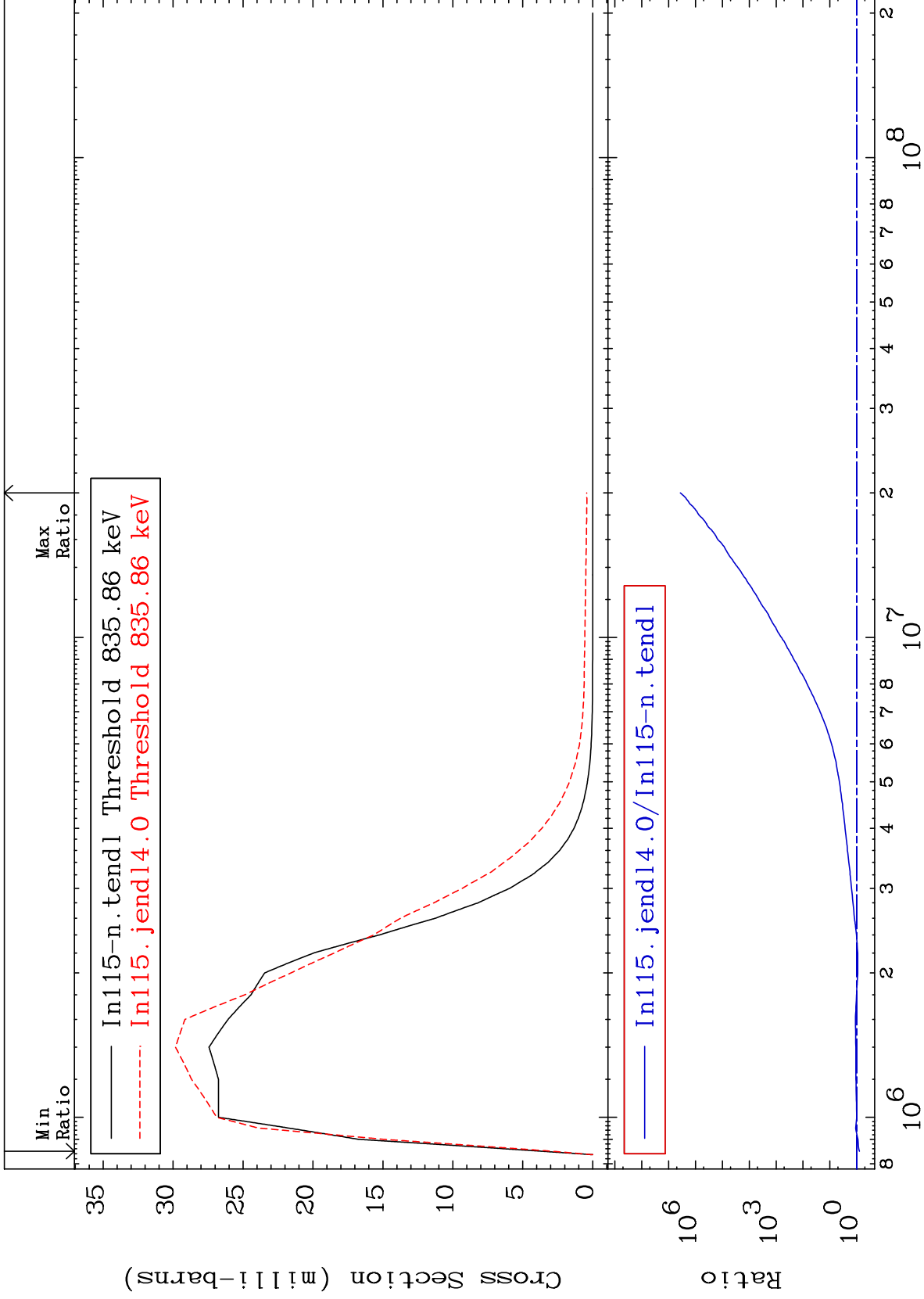
Incident Energy (eV)

49-In-115

MAT 4931

828.6 keV (n,n') Level
Cross Section

49-In-115
-20.46 To 9999. %



11

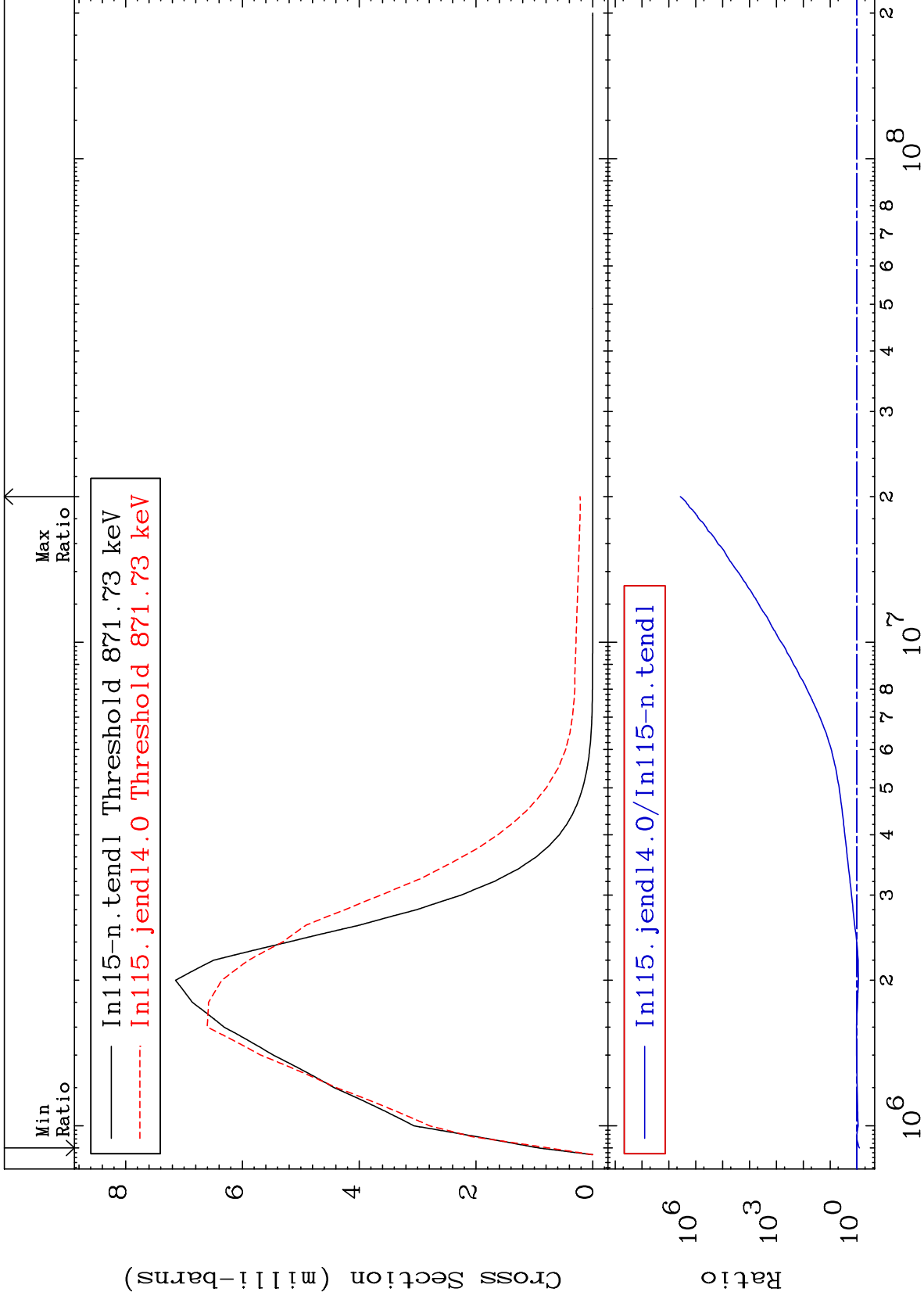
Incident Energy (eV)

49-In-115

MAT 4931

864.1 keV (n,n') Level
Cross Section

49-In-115
-18.67 To 9999. %



12

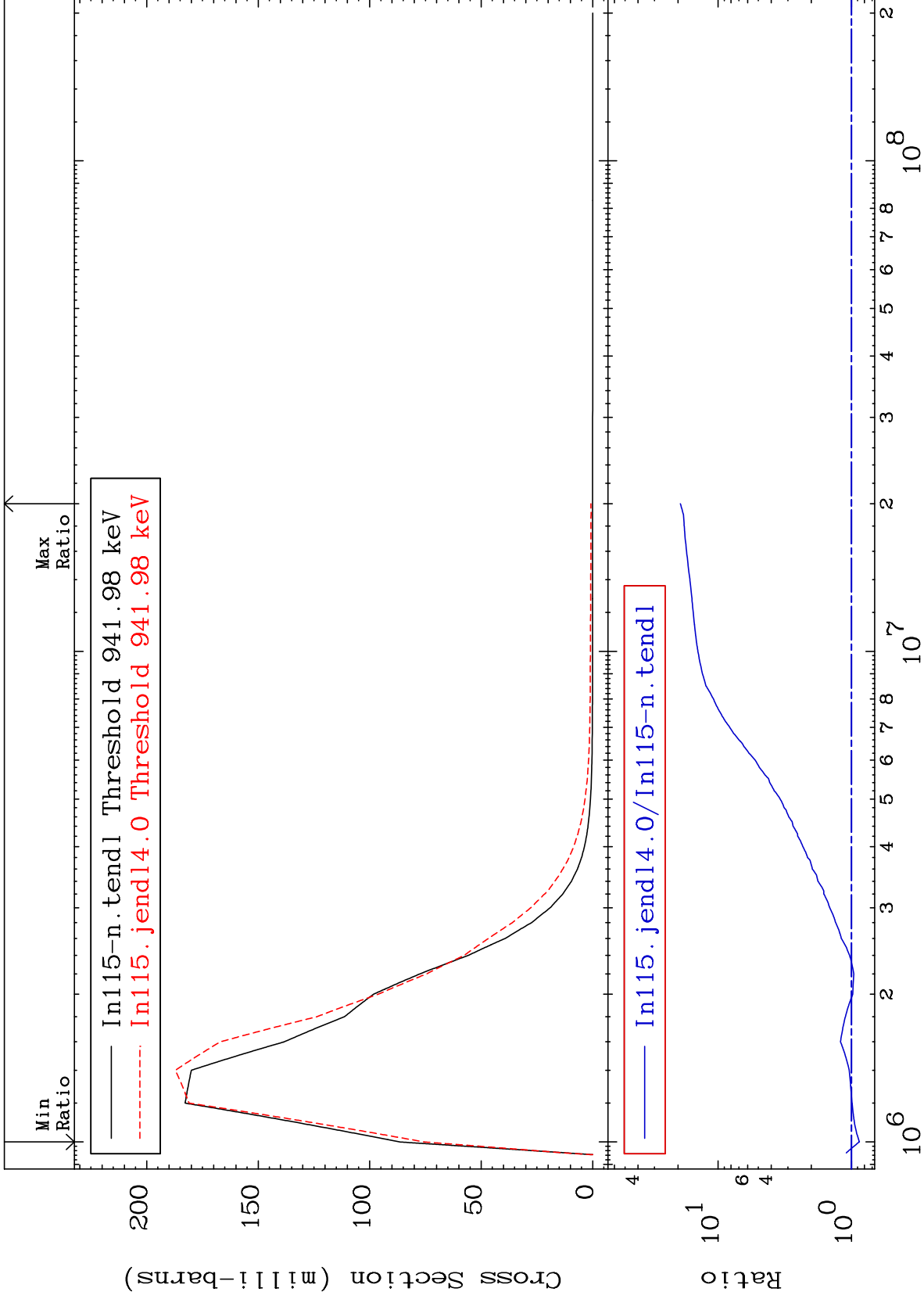
Incident Energy (eV)

49-In-115

MAT 4931

933.8 keV (n,n') Level
Cross Section

49-In-115
-12.84 To 1821. %



13

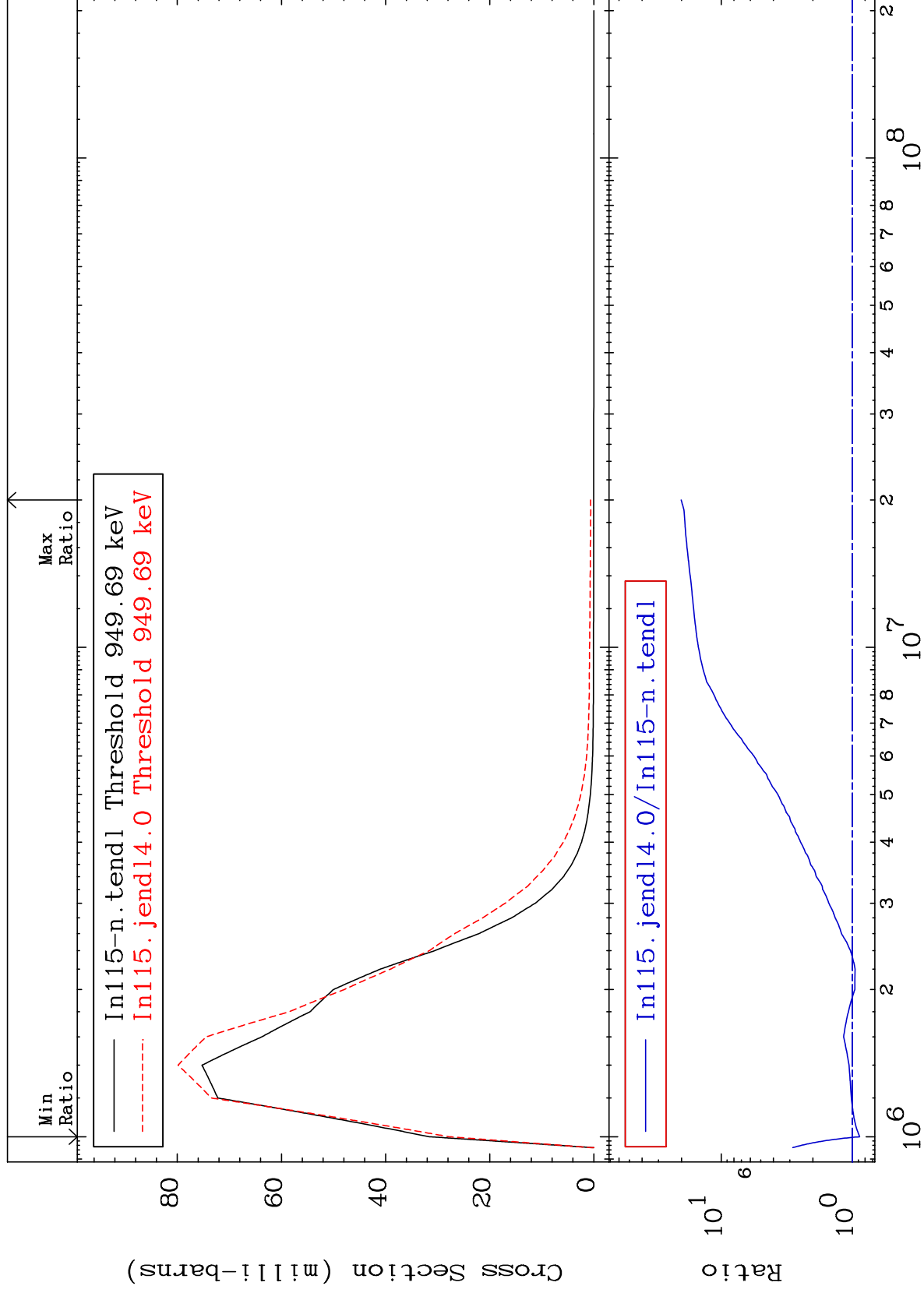
Incident Energy (eV)

49-In-115

MAT 4931

941.4 keV (n,n') Level
Cross Section

49-In-115
-11.95 To 1916. %



14

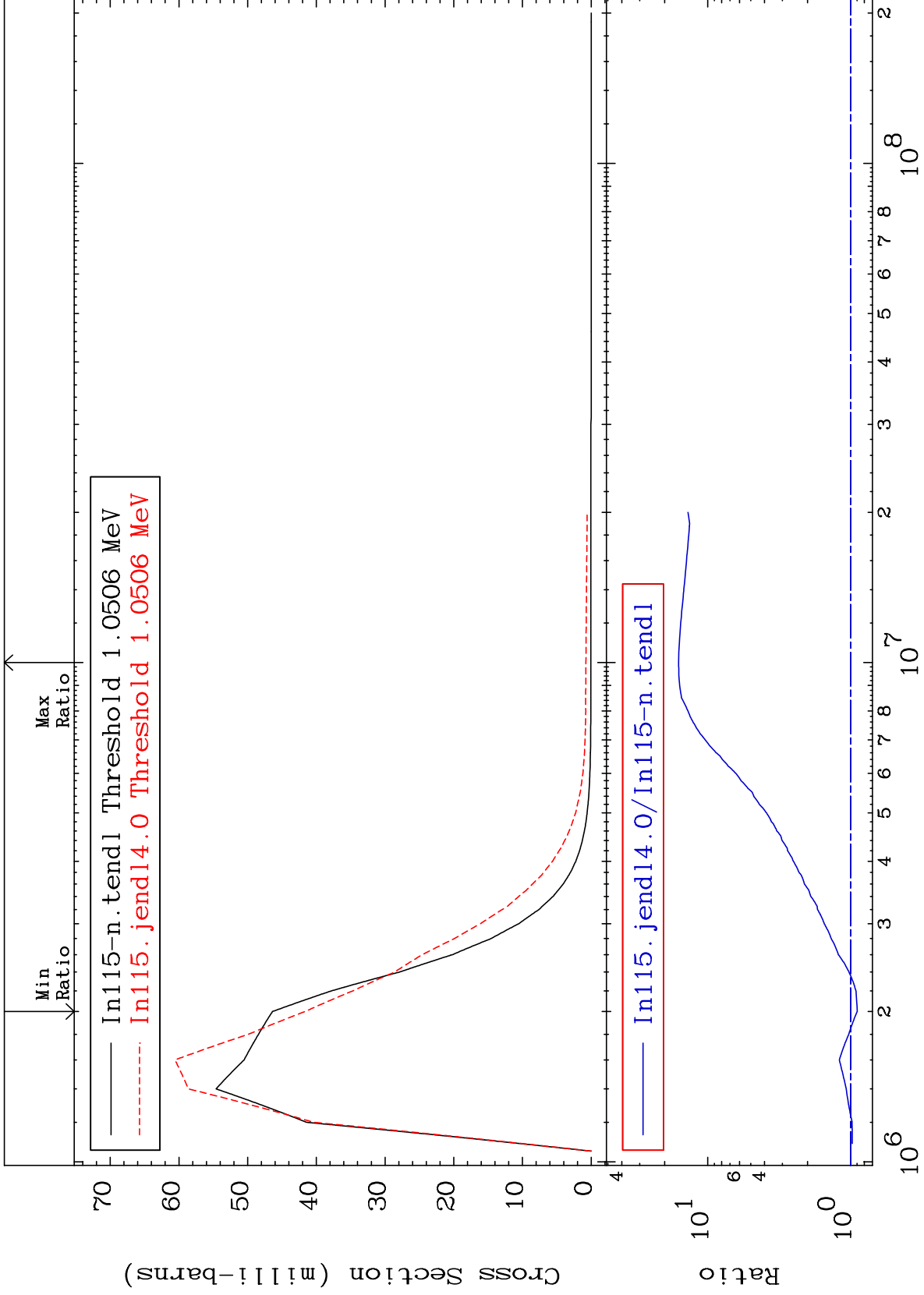
Incident Energy (eV)

49-In-115

MAT 4931

1.041 MeV (n,n') Level
Cross Section

49-In-115
-10.21 To 1499. %



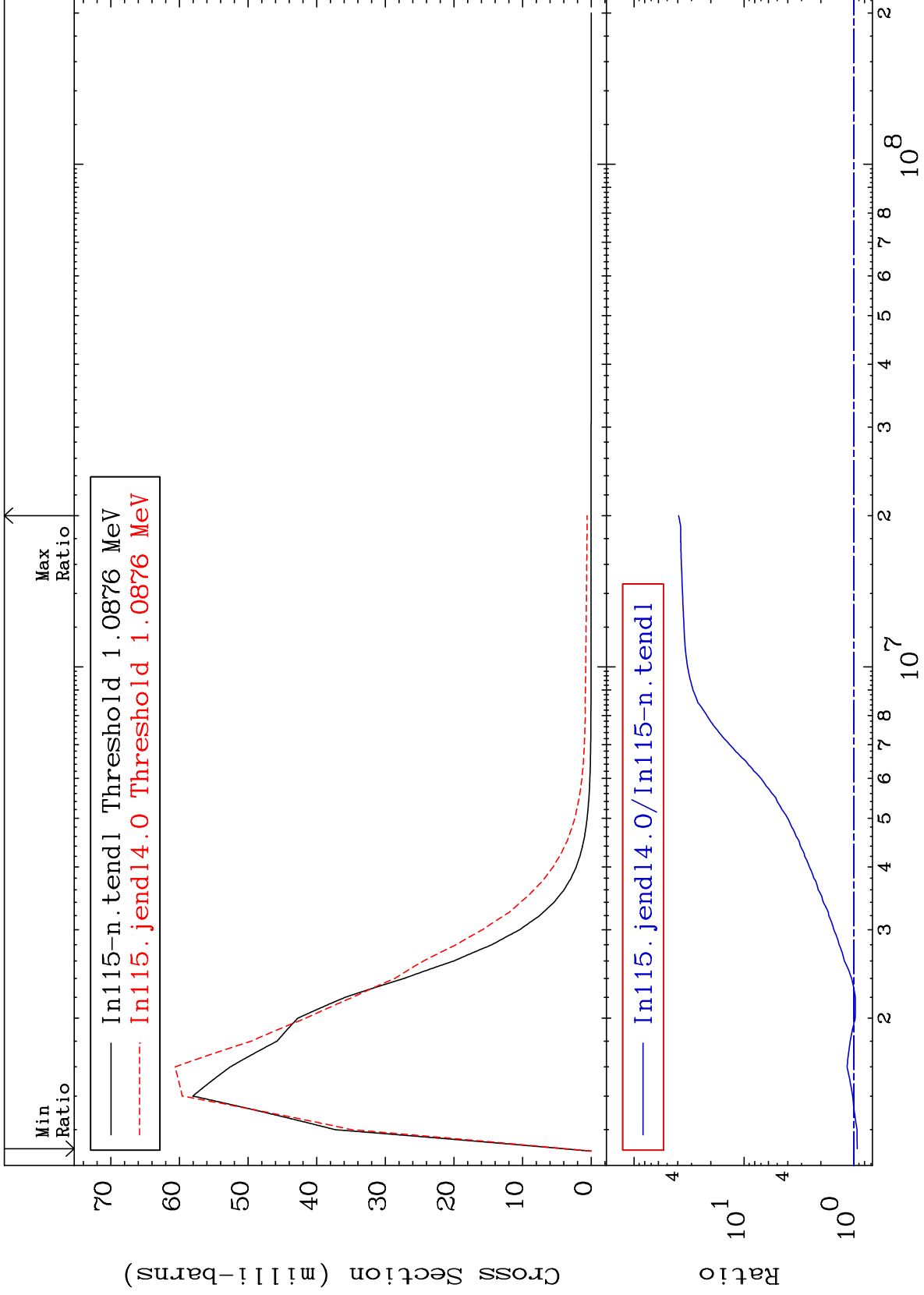
Incident Energy (eV)

49-In-115

MAT 4931

1.078 MeV (n,n') Level
Cross Section

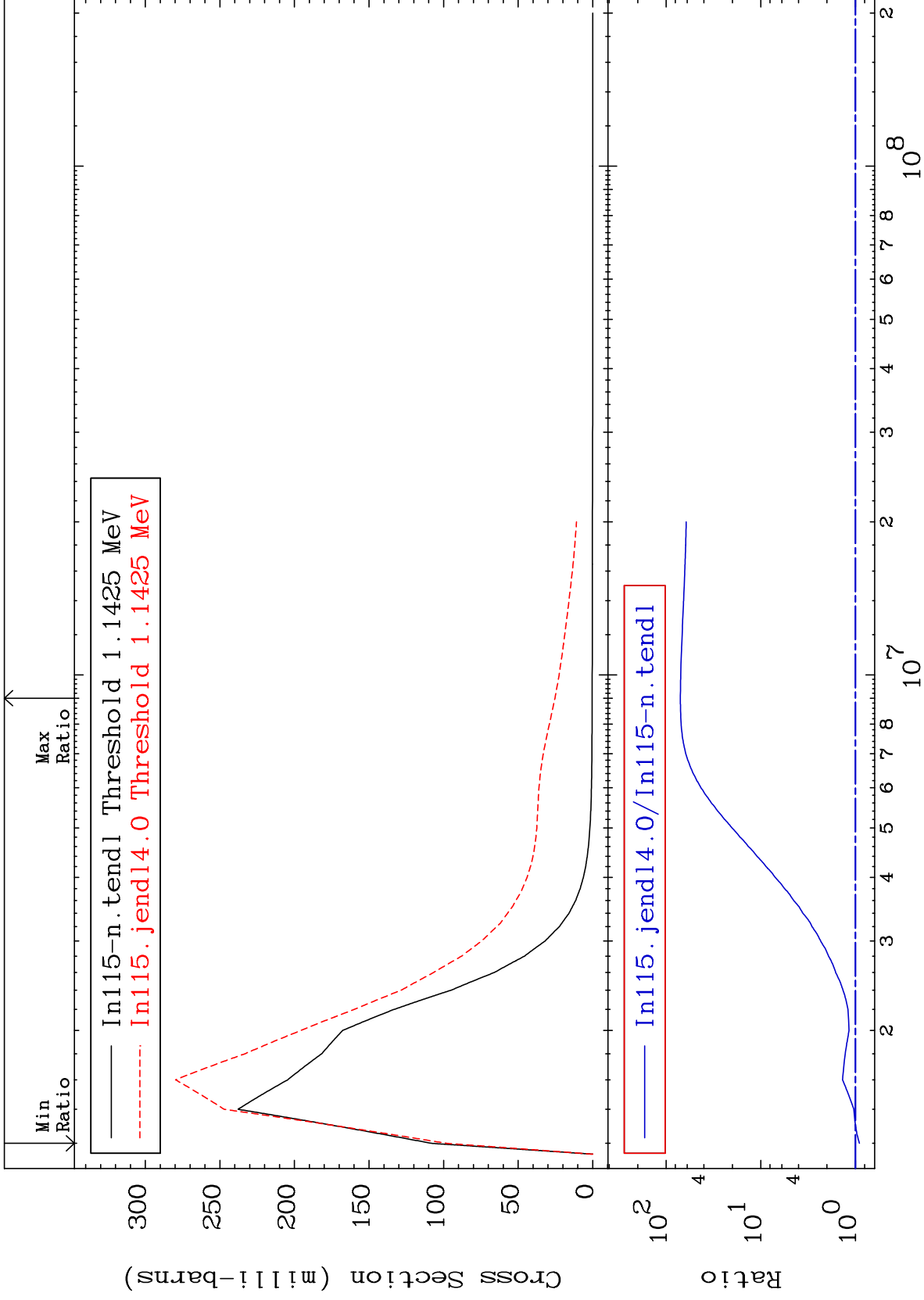
49-In-115
-6.730 To 3833. %



MAT 4931

1.133 MeV (n,n') Level
Cross Section

49-In-115
-9.250 To 6987. %



17

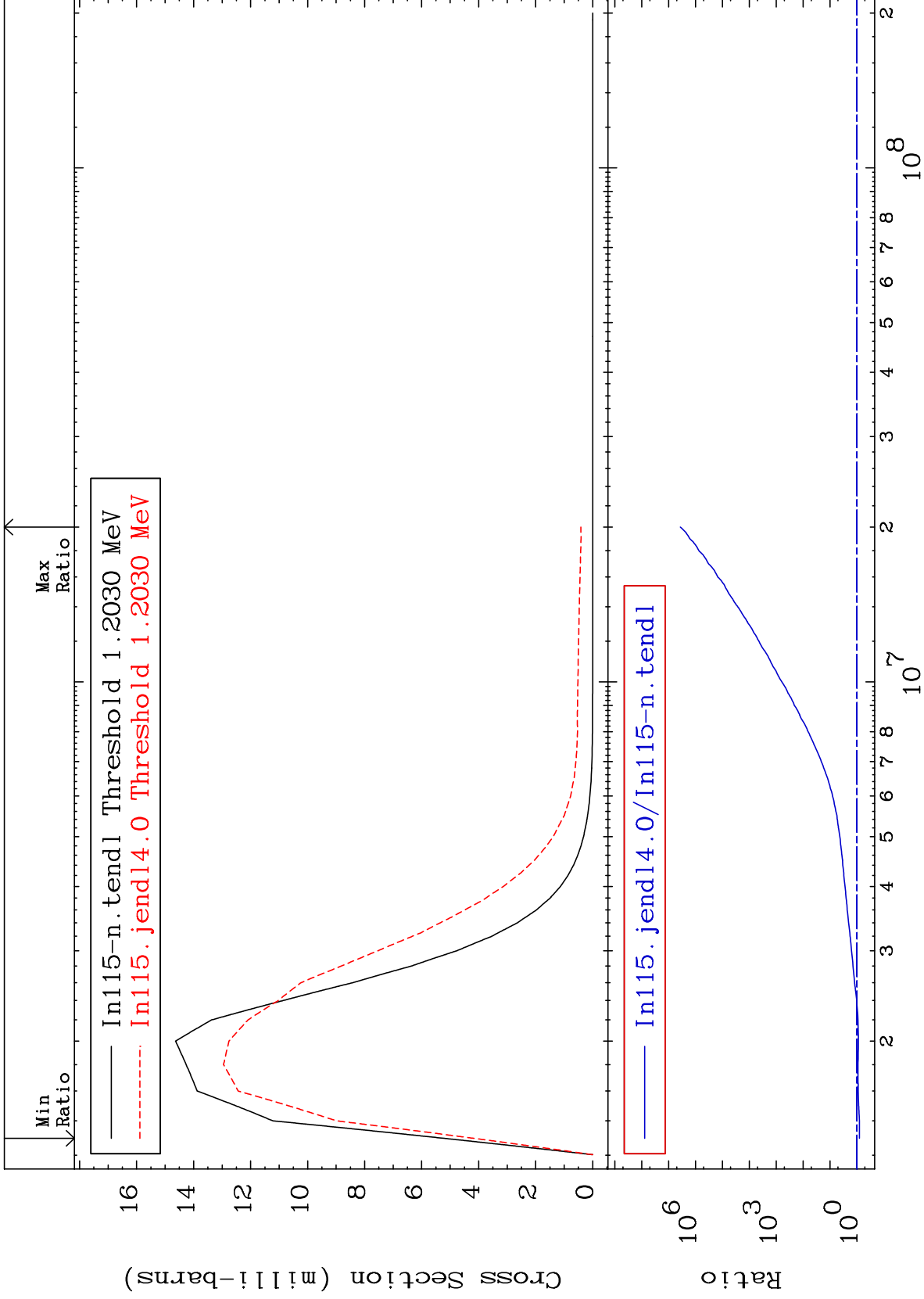
Incident Energy (eV)

49-In-115

MAT 4931

1.192 MeV (n,n') Level
Cross Section

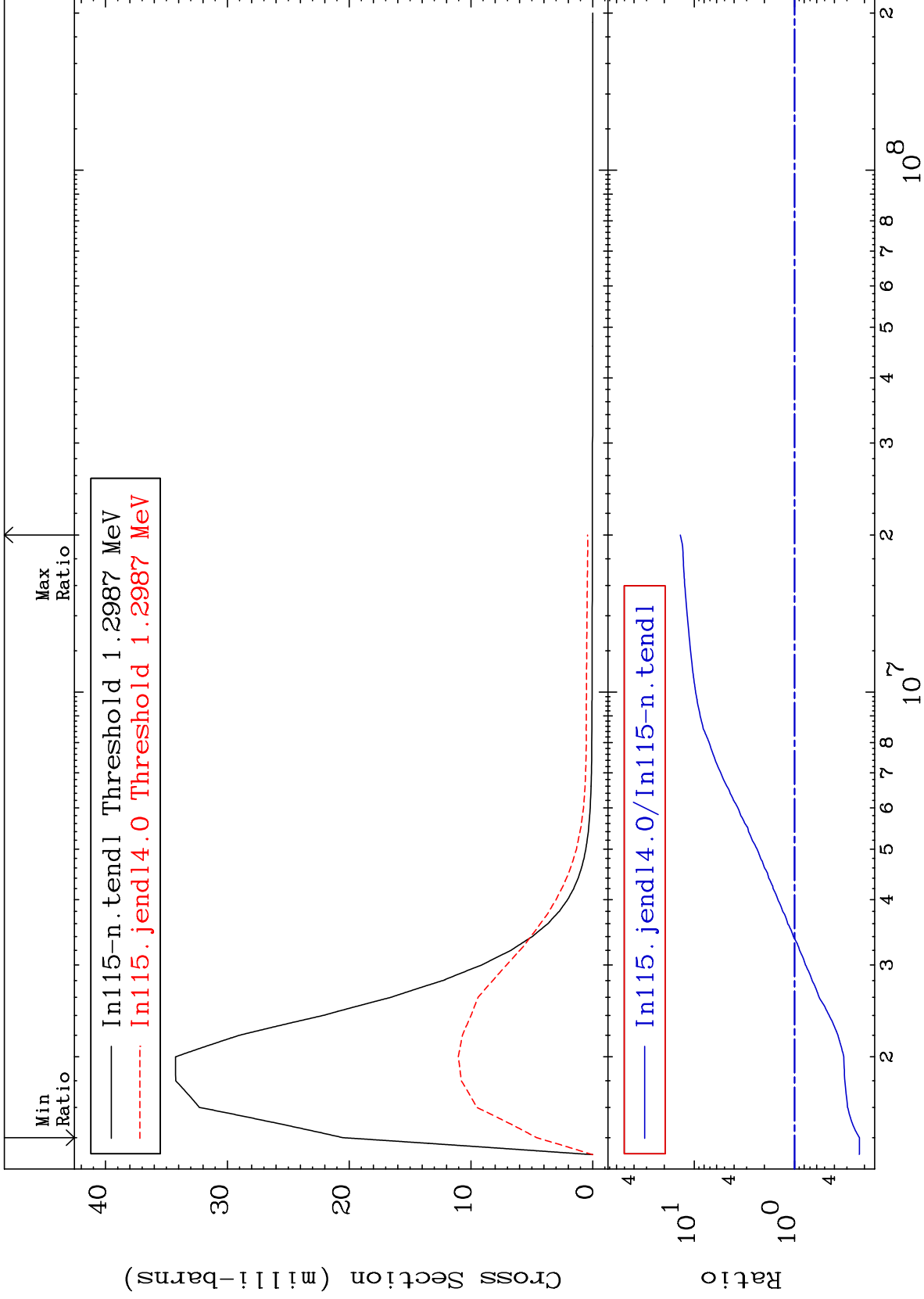
49-In-115
-19.93 To 9999. %



MAT 4931

1.287 MeV (n,n') Level
Cross Section

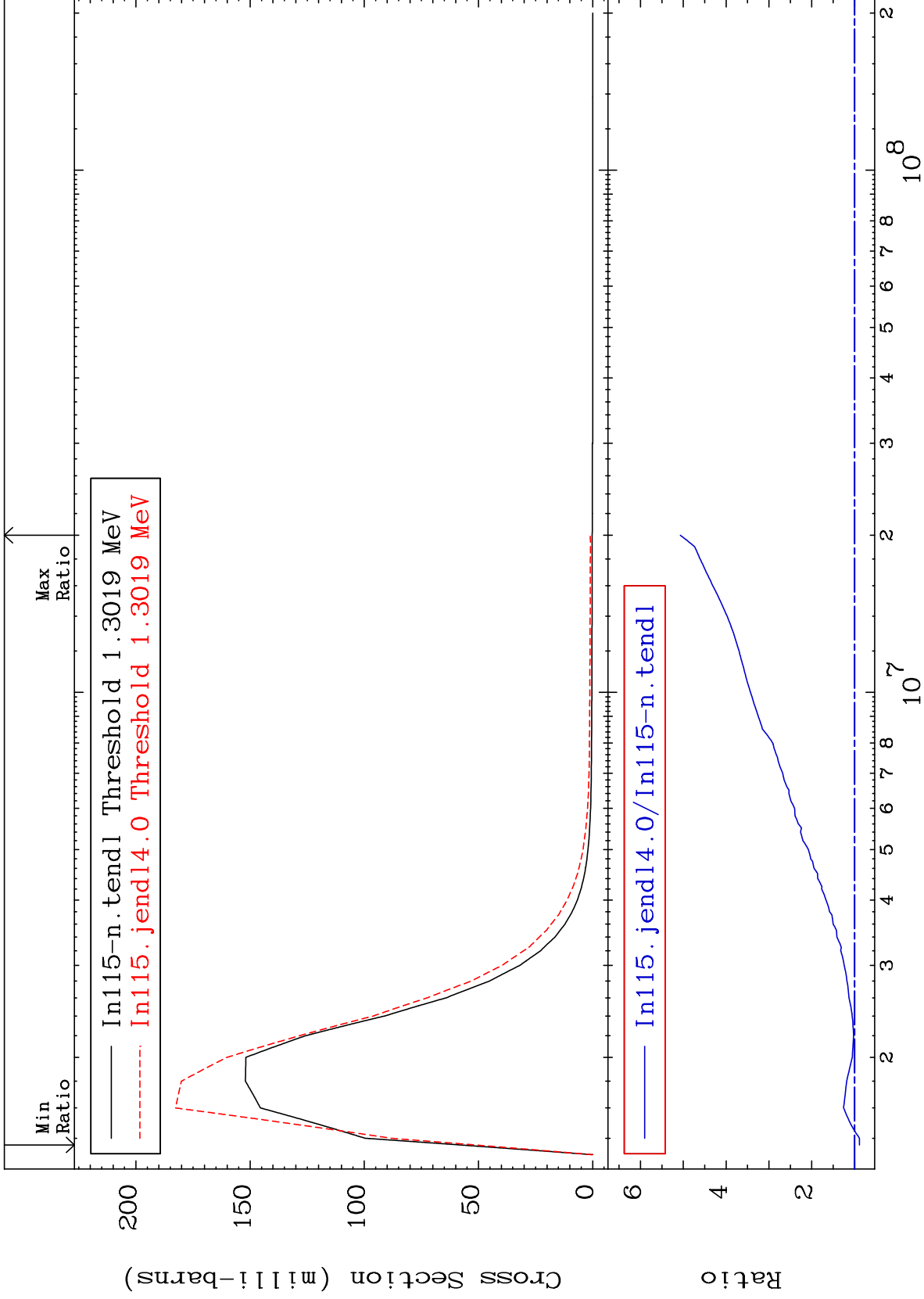
49-In-115
-77.53 To 1279. %



MAT 4931

1.291 MeV (n,n') Level
Cross Section

49-In-115
-11.37 To 406.9 %



20

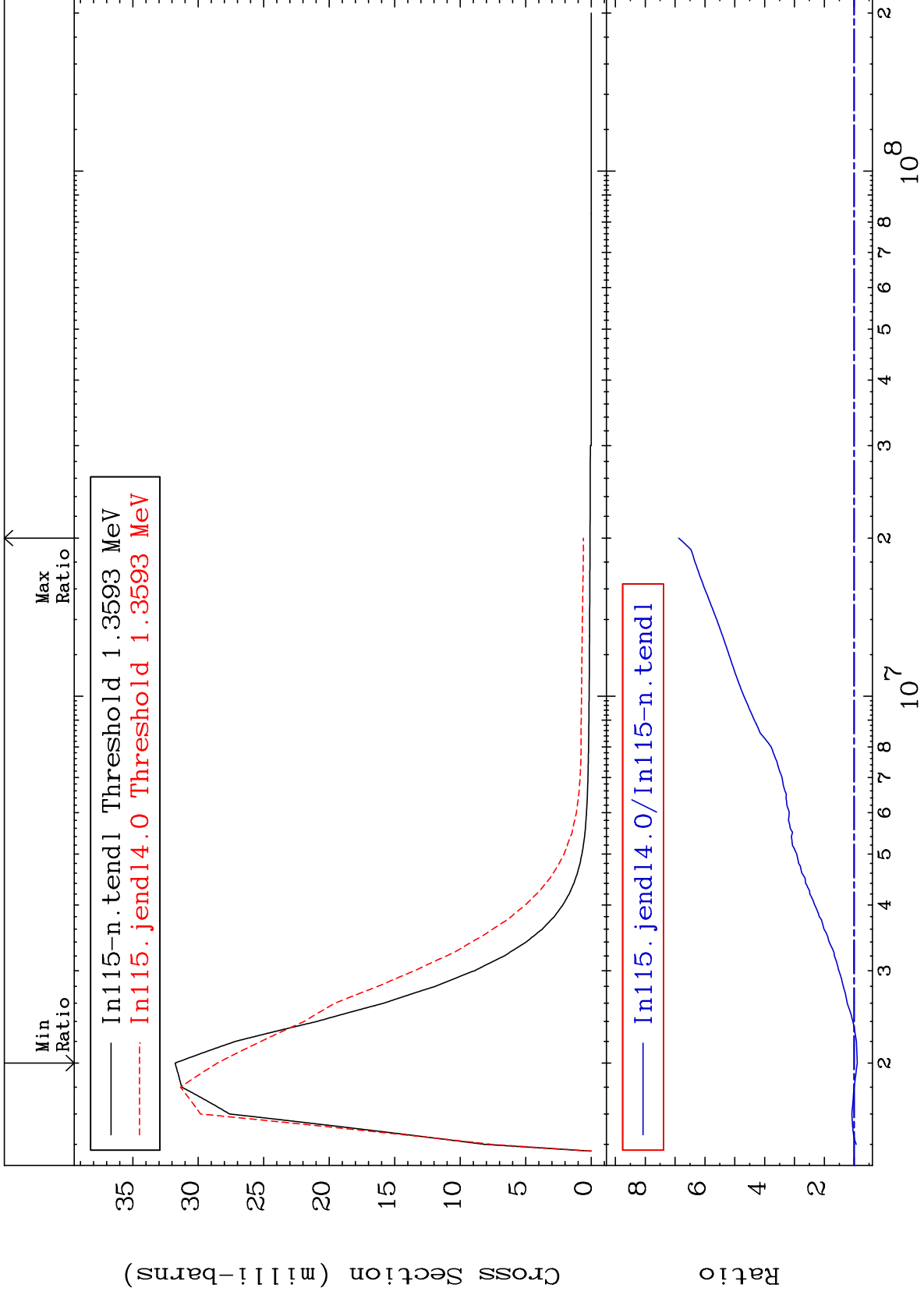
Incident Energy (eV)

49-In-115

MAT 4931

1.348 MeV (n,n') Level
Cross Section

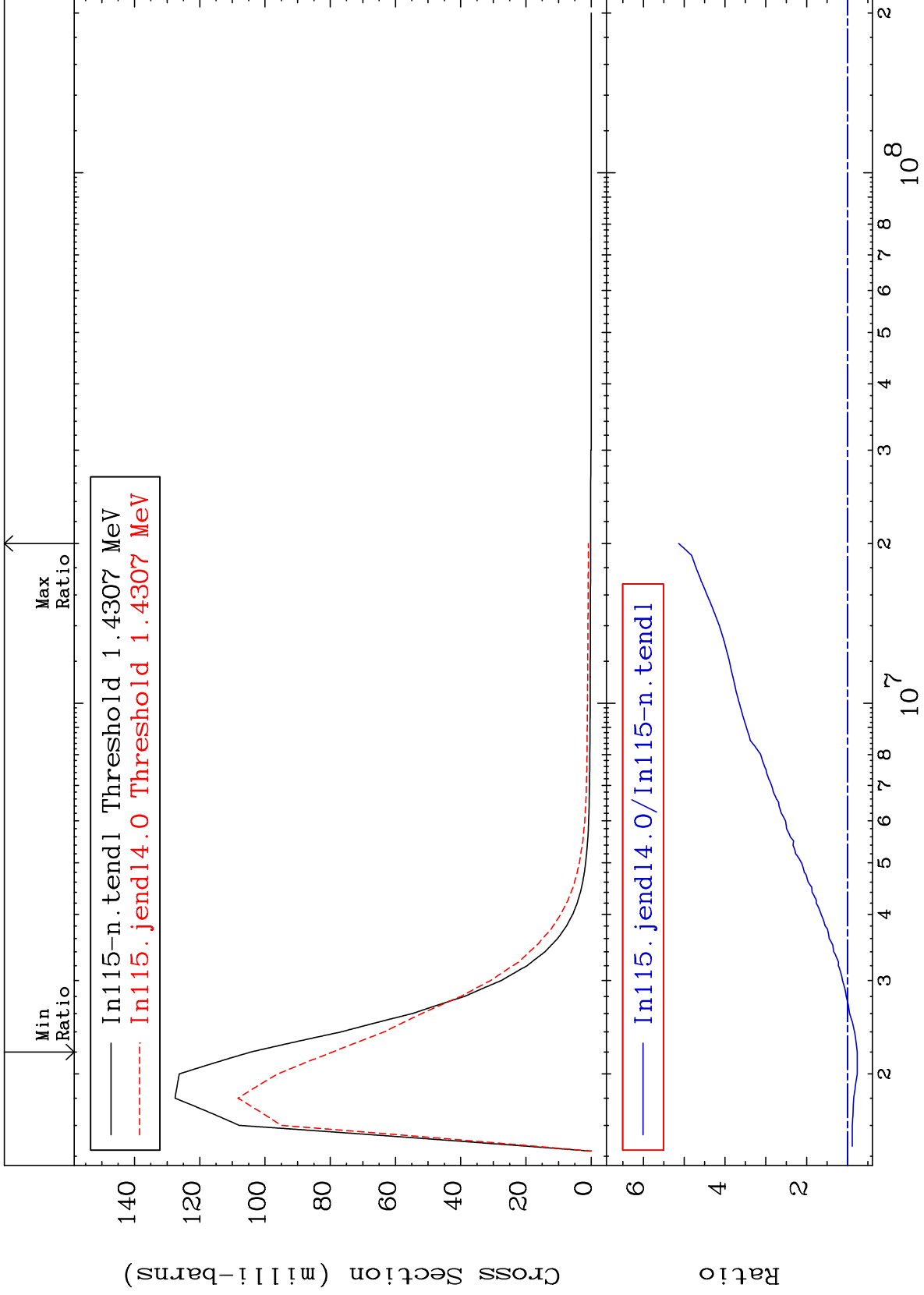
49-In-115
-10.18 To 588.1 %



MAT 4931

1.418 MeV (n,n') Level
Cross Section

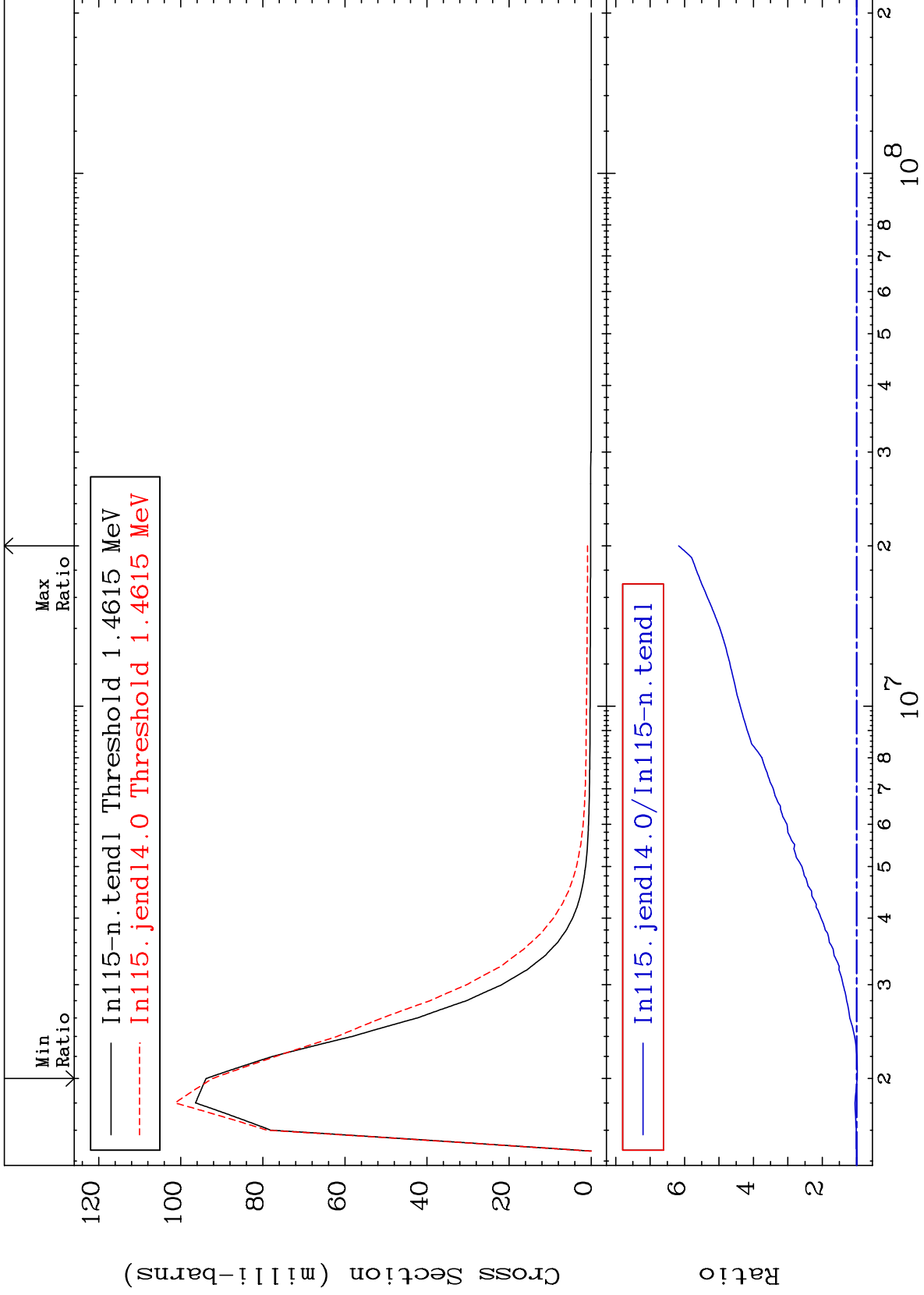
49-In-115
-23.99 To 413.6 %



MAT 4931

1.449 MeV (n,n') Level
Cross Section

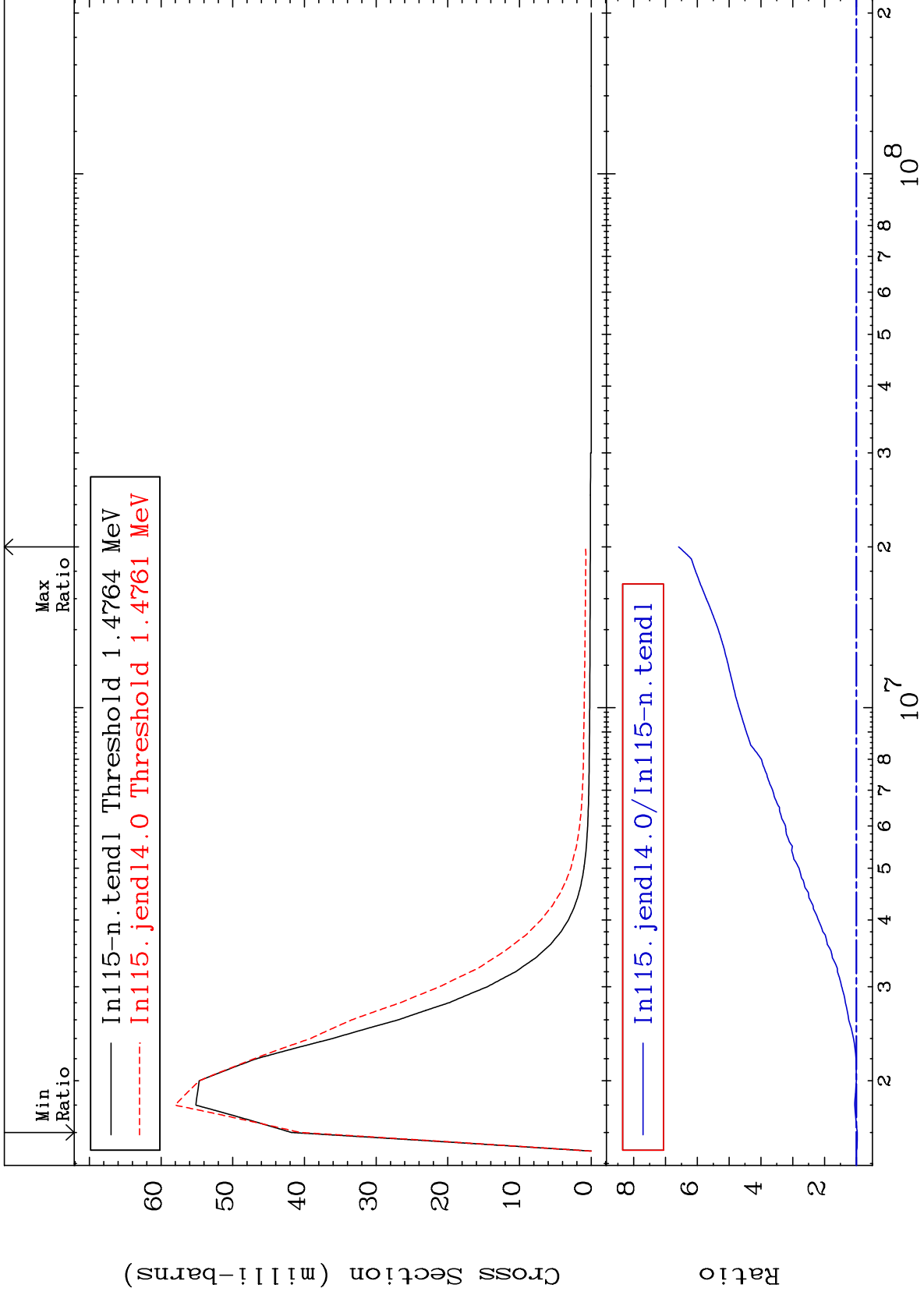
49-In-115
-1.670 To 517.2 %



MAT 4931

1.464 MeV (n,n') Level
Cross Section

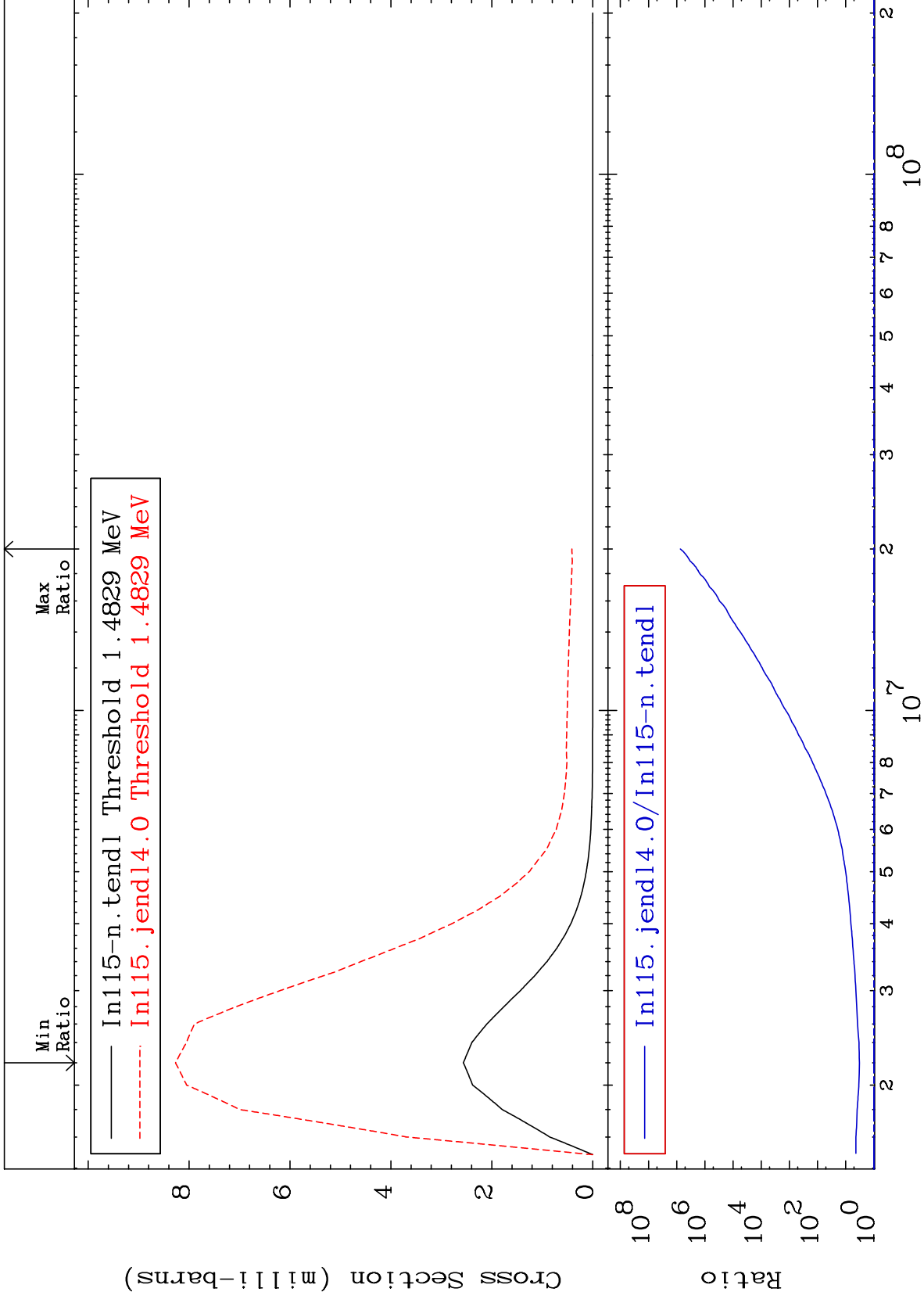
49-In-115
-2.919 To 558.8 %



MAT 4931

1.470 MeV (n,n') Level
Cross Section

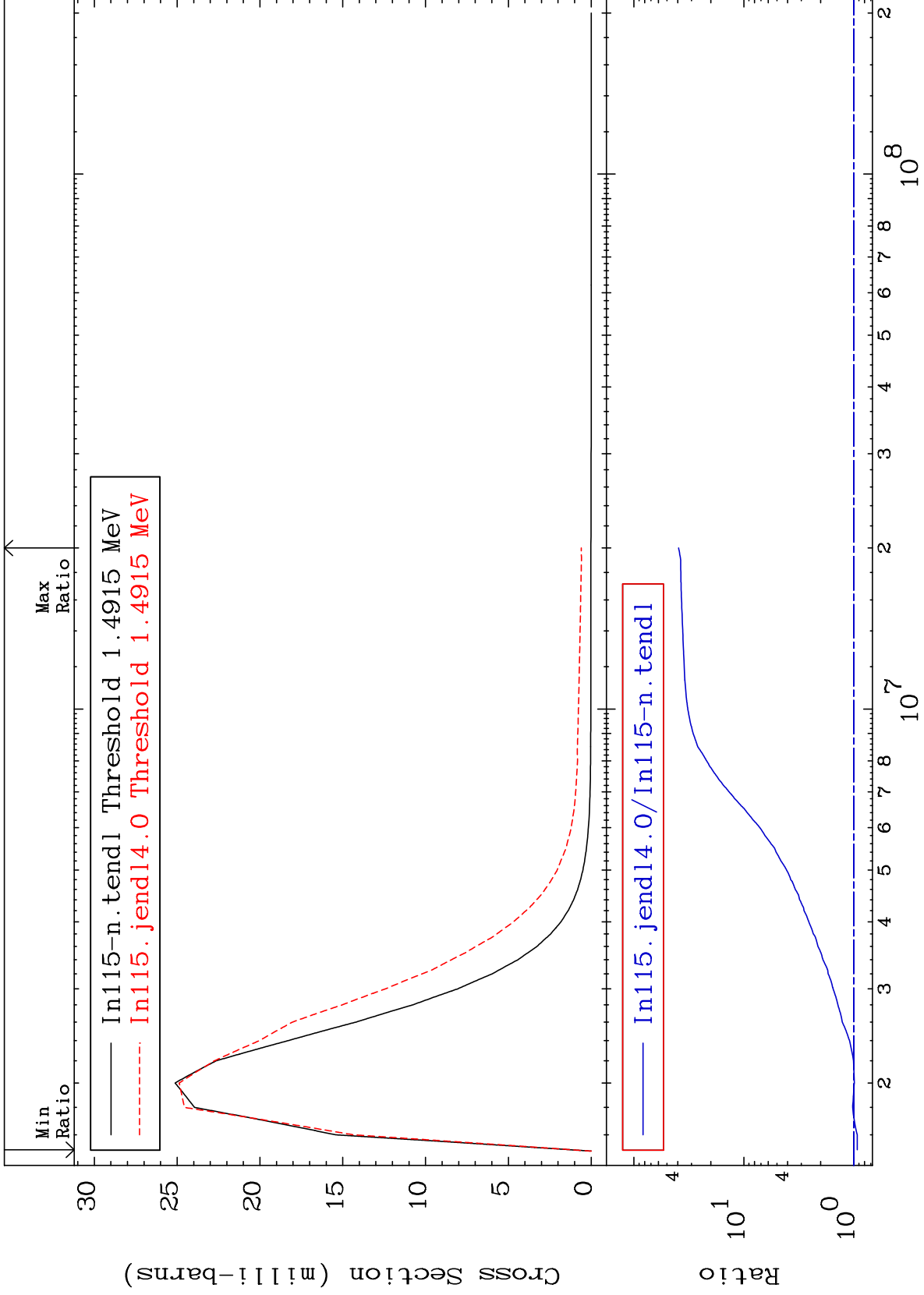
49-In-115
222.6 To 9999. %



MAT 4931

1.478 MeV (n,n') Level
Cross Section

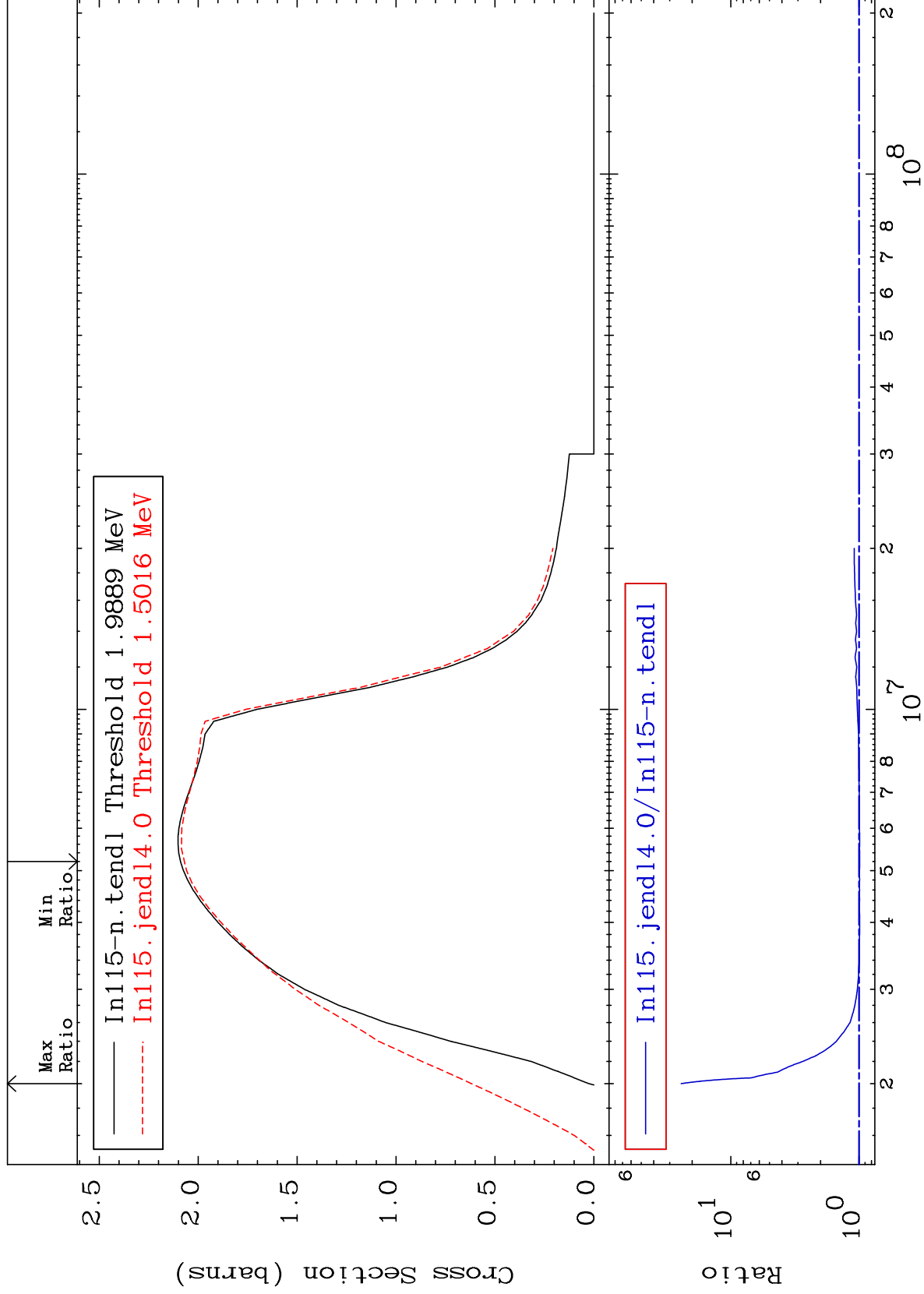
49-In-115
-6.985 To 3822. %



MAT 4931

(n, n') Continuum
Cross Section

49-In-115
-0.964 To 2339. %

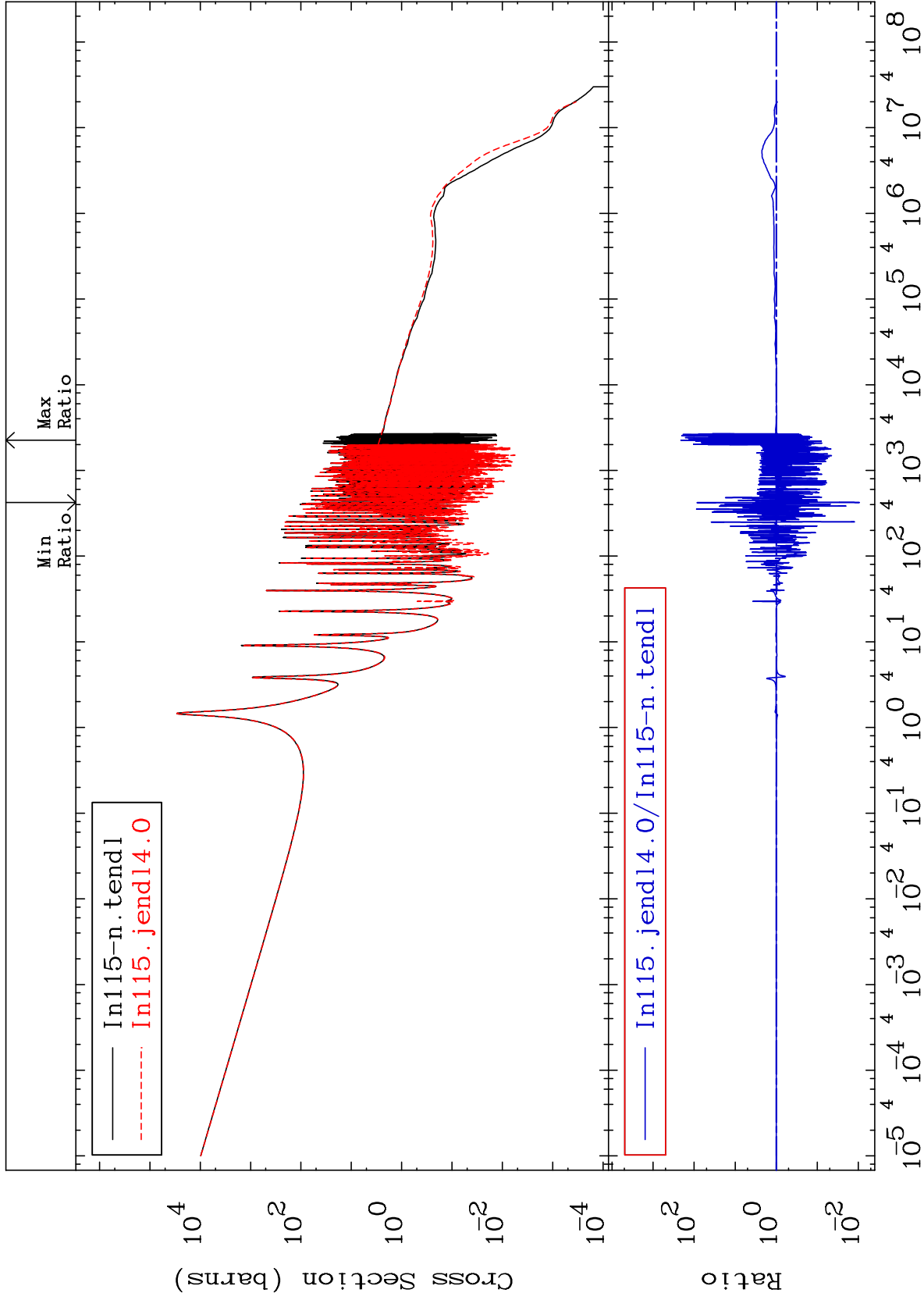


MAT 4931

49-In-115

-99.06 To 9999. %

(n, γ)
Cross Section



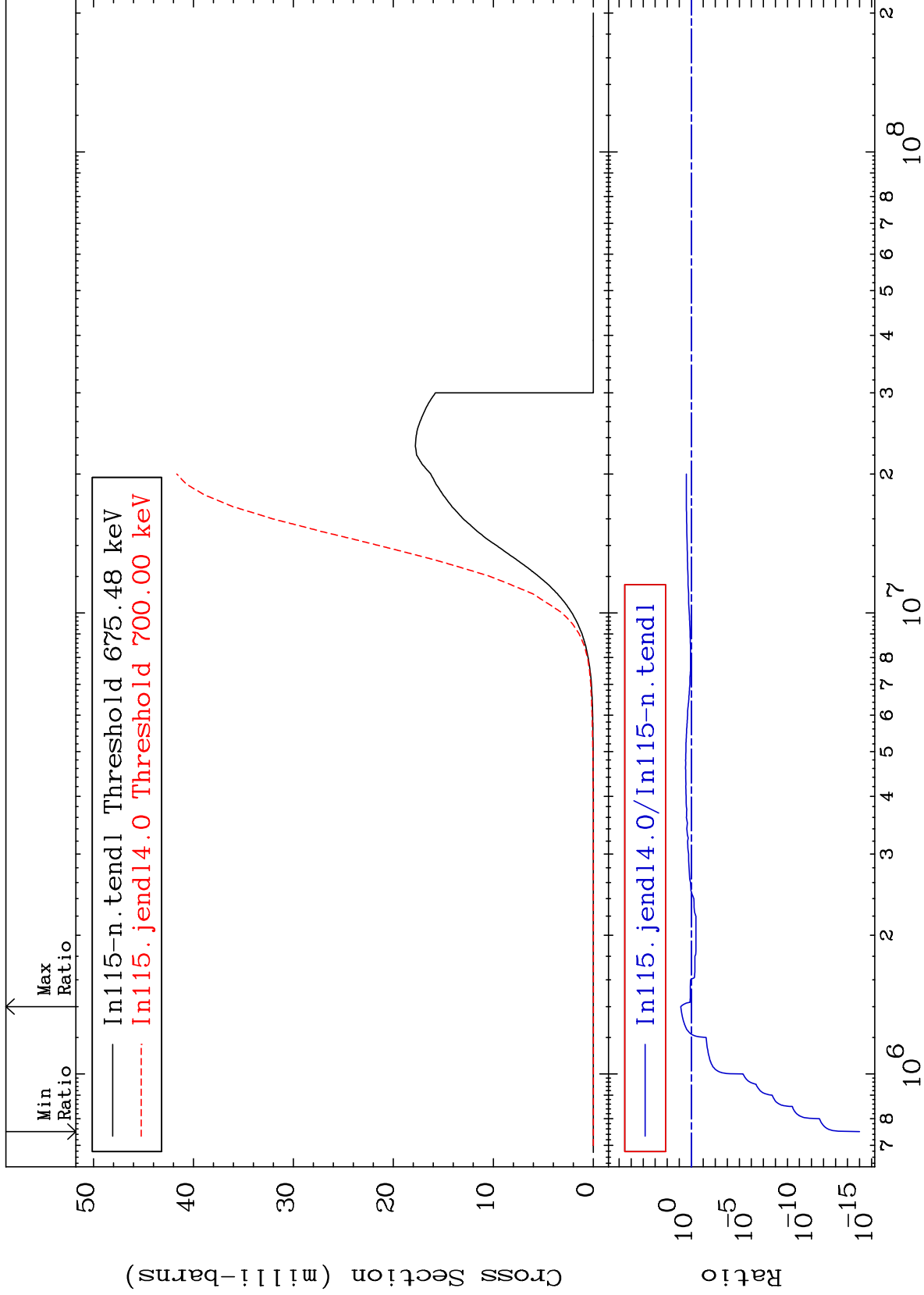
MAT 4931

(n,p)

49-In-115

Cross Section

-100.0 To 648.0 %



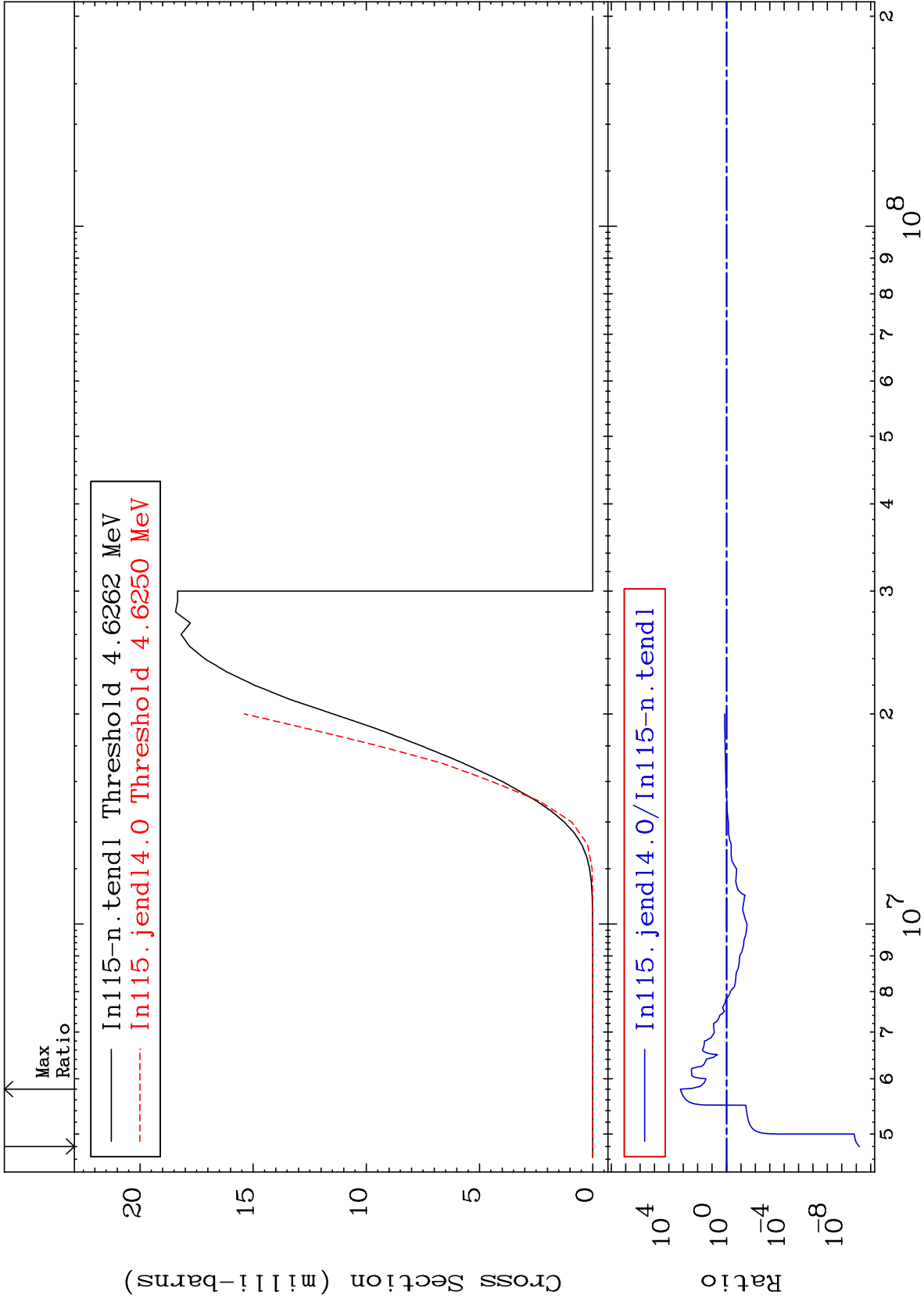
MAT 4931

(n, d)

49-In-115

Cross Section

-100.0 To 9999. %



30

Incident Energy (eV)

49-In-115

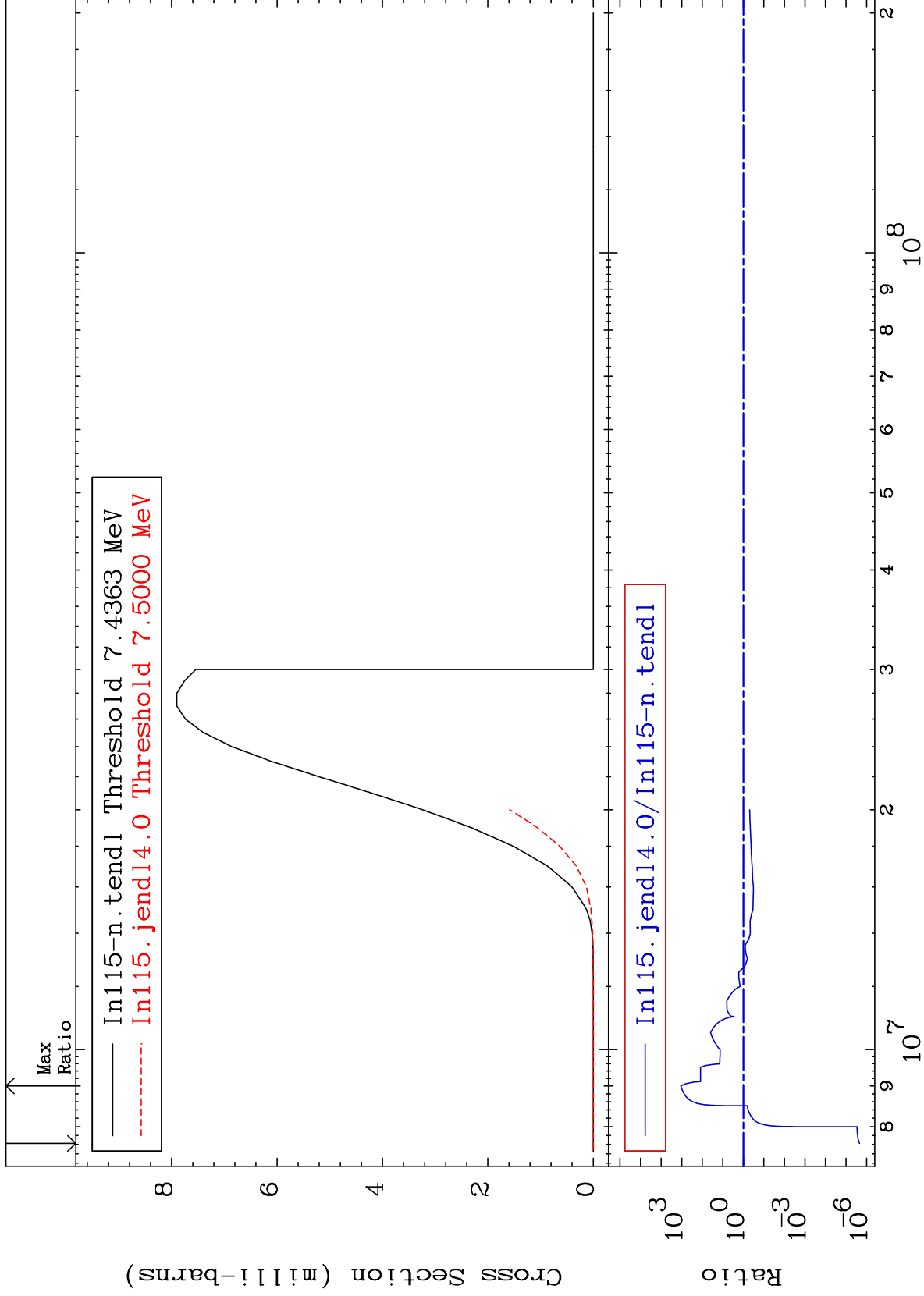
MAT 4931

(n, t)

49-In-115

Cross Section

-100.0 To 9999. %



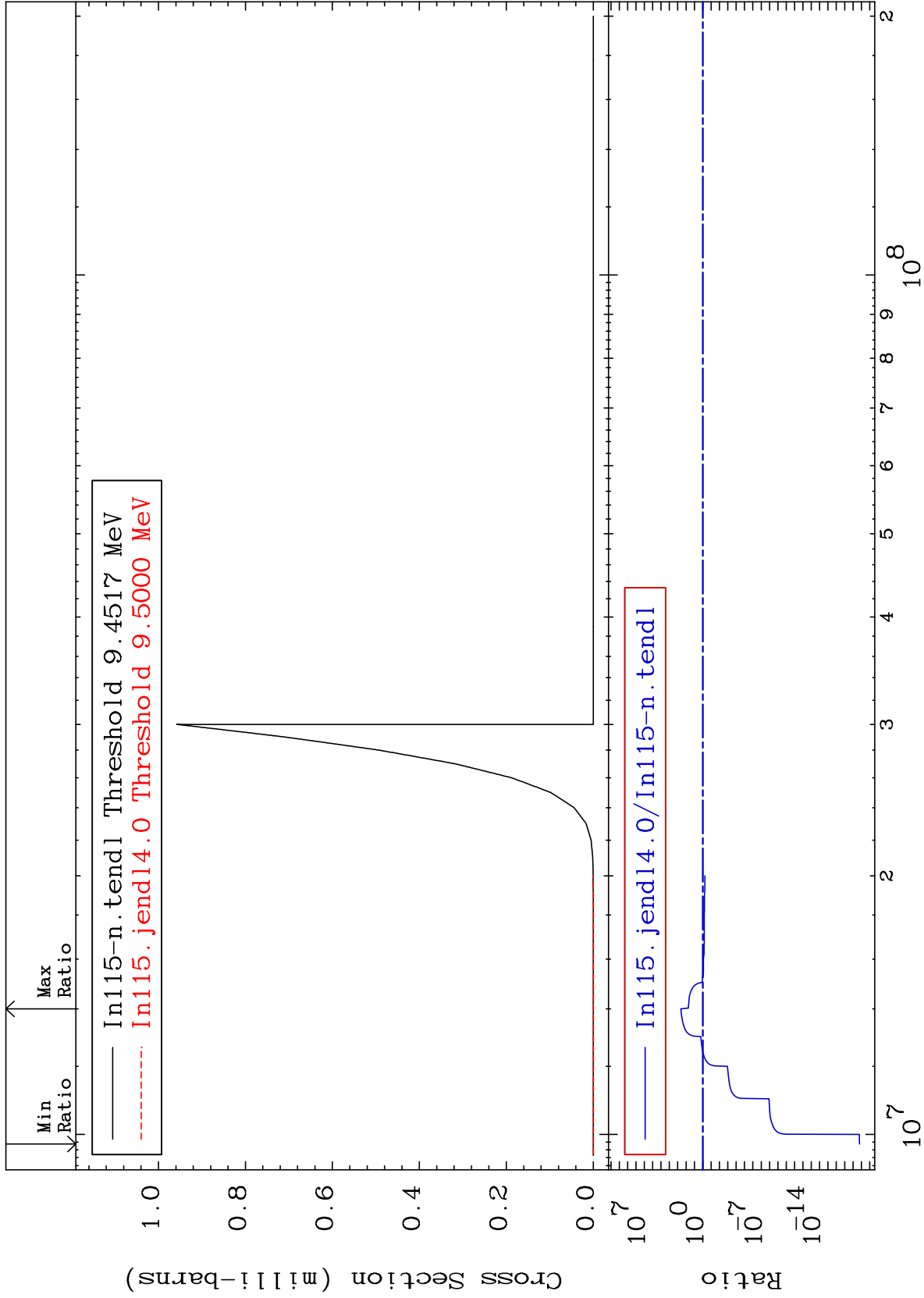
31

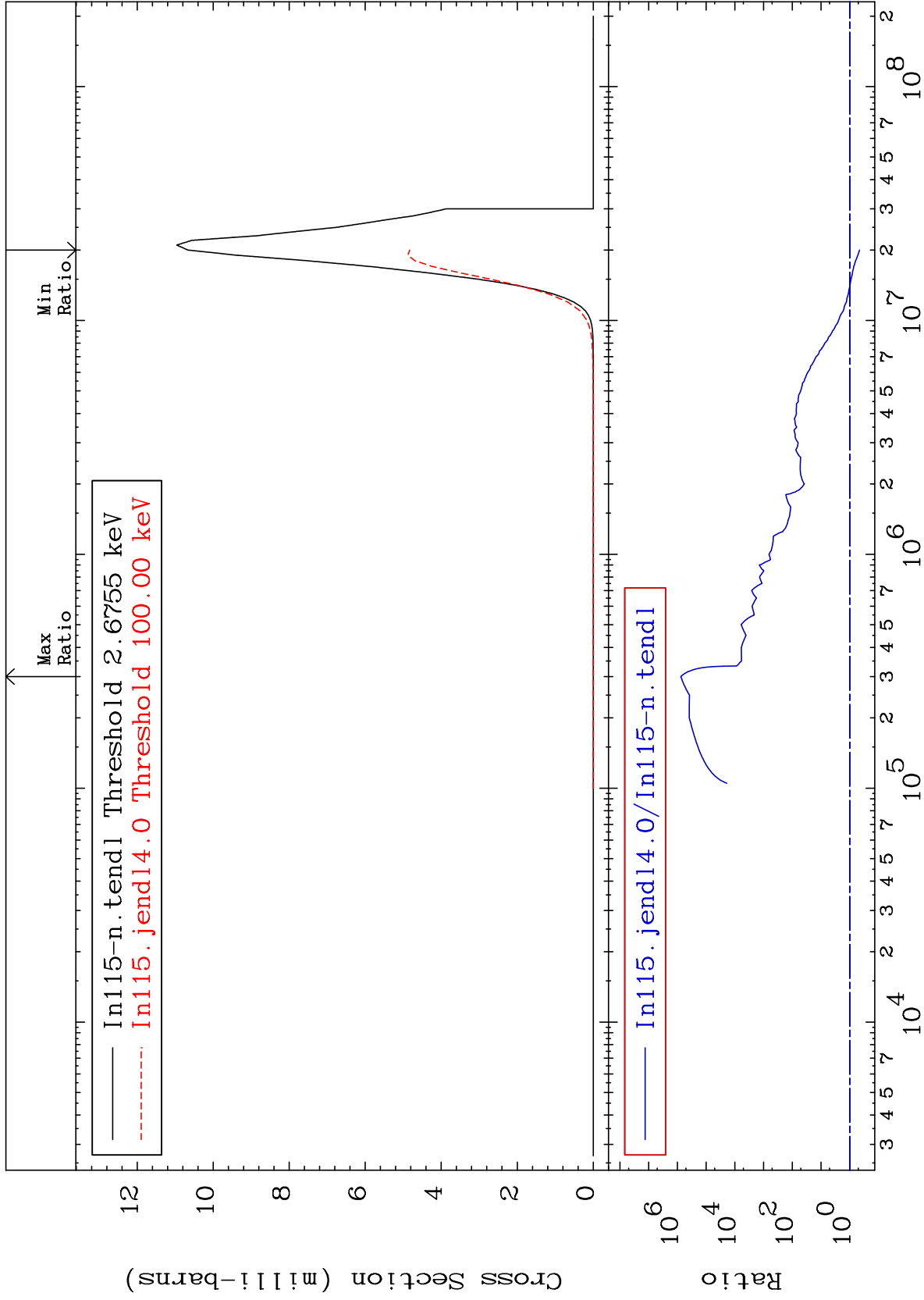
Incident Energy (eV)

49-In-115

Cross Section

-100.0 To 9999. %

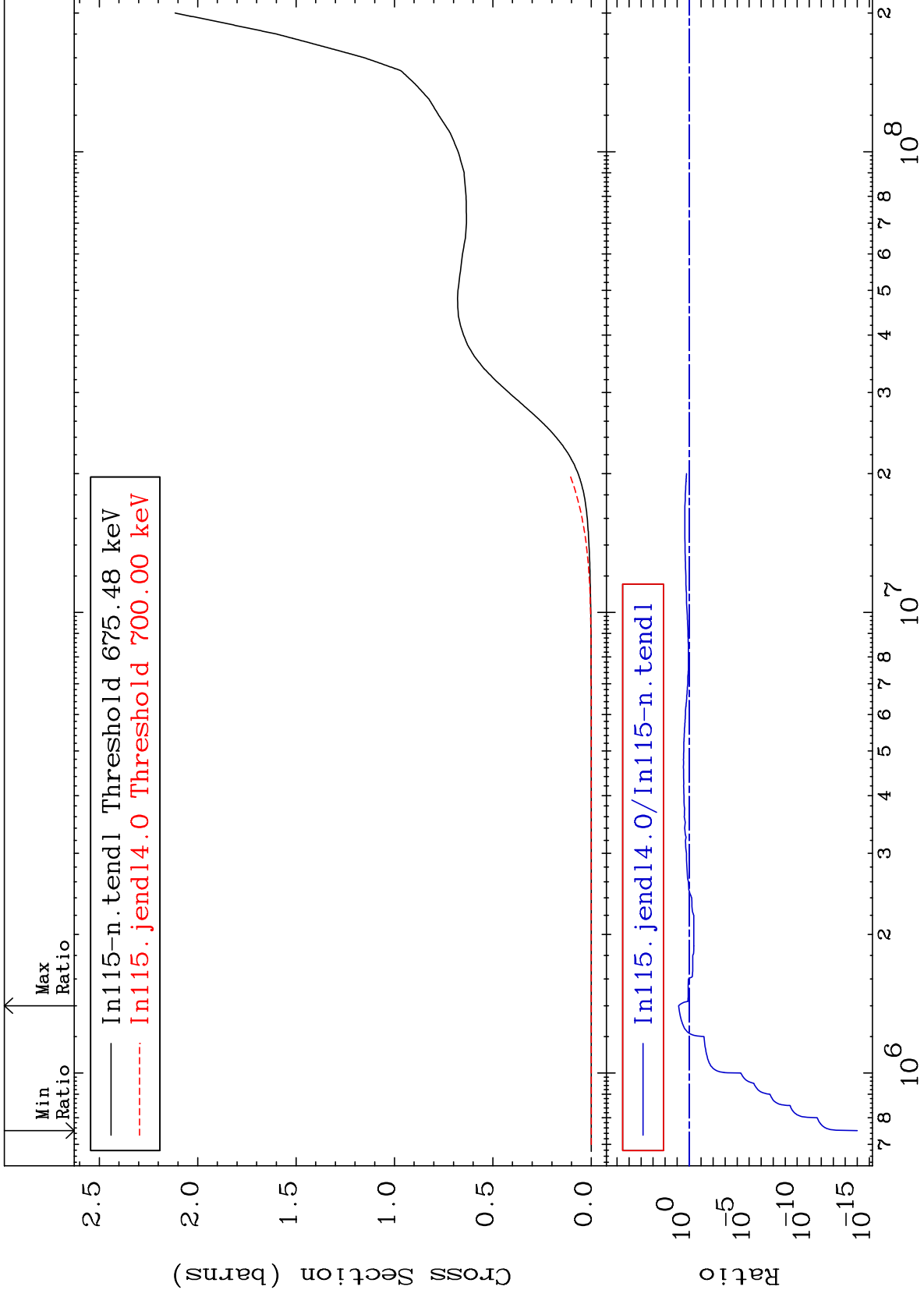


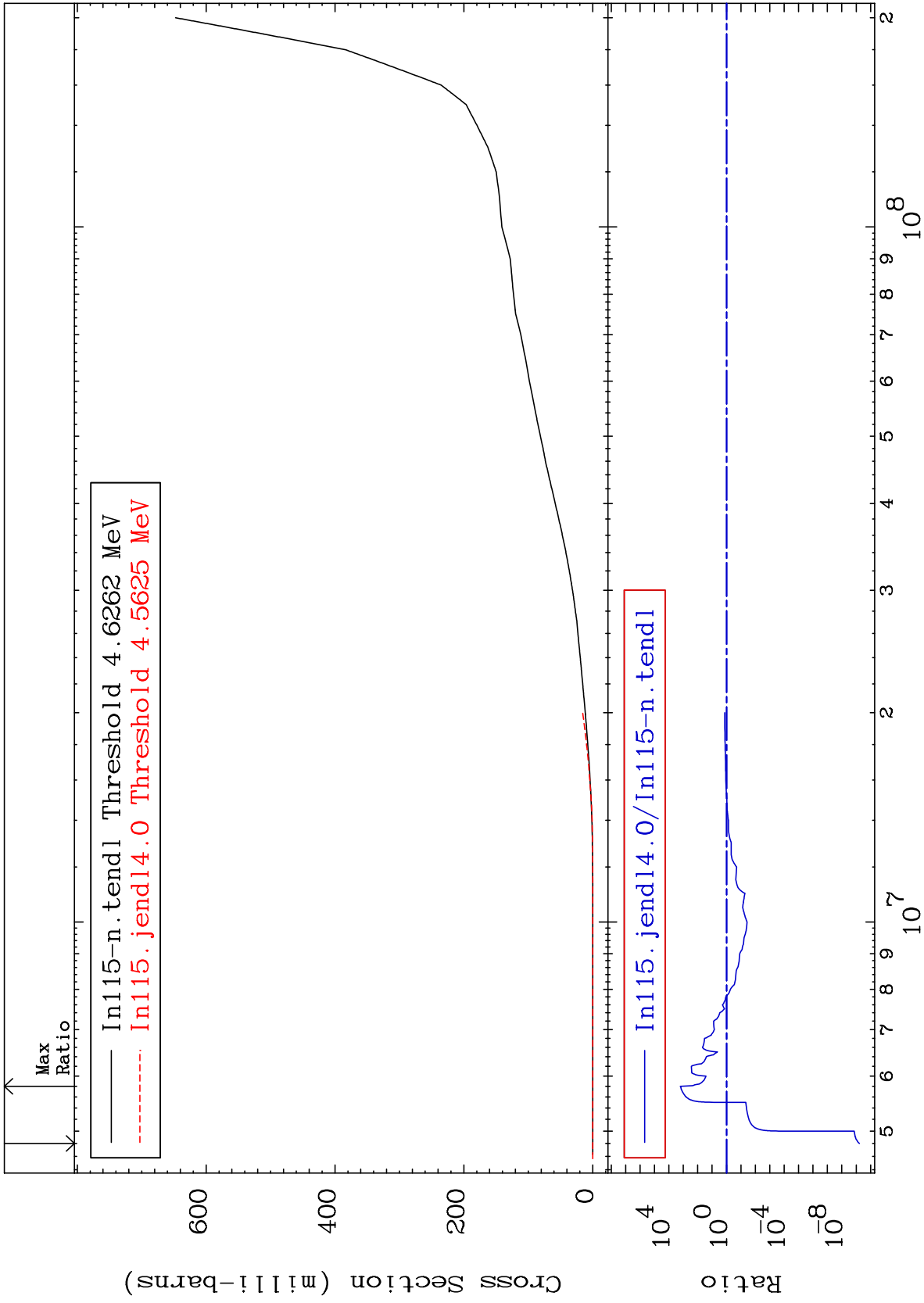


MAT 4931

Hydrogen Production
Cross Section

49-In-115
-100.0 To 648.0 %

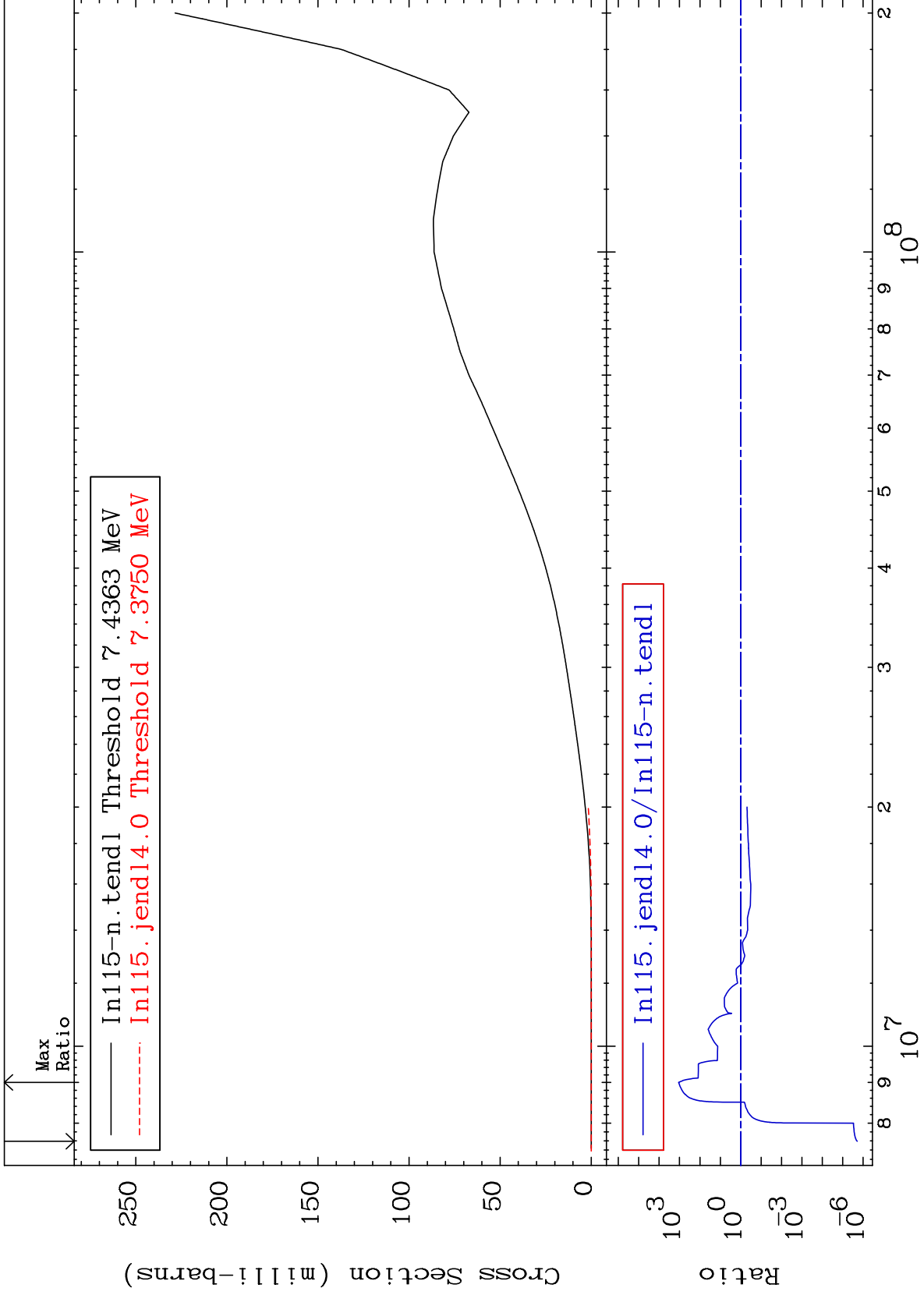




MAT 4931

Tritium Production
Cross Section

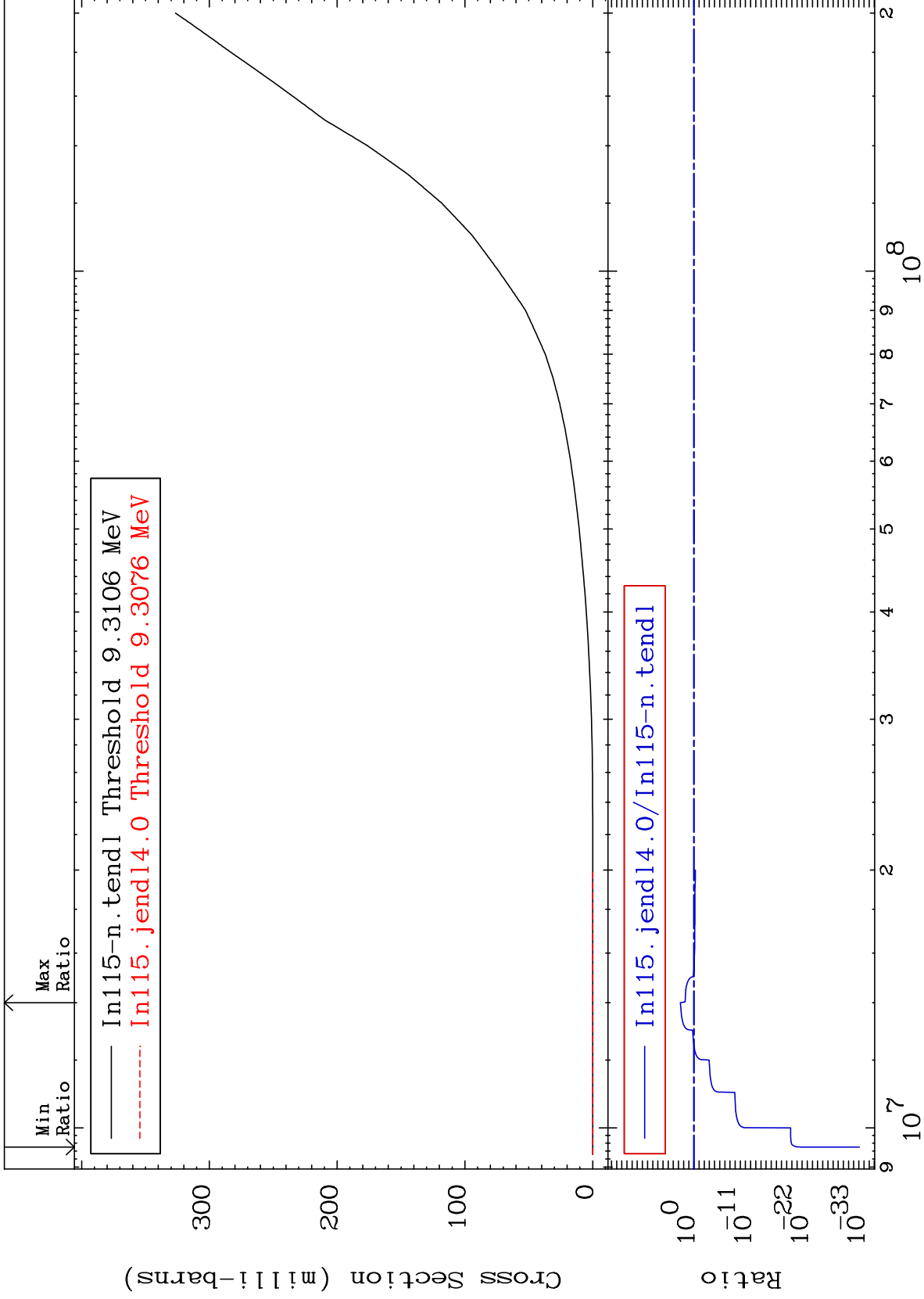
49-In-115
-100.0 To 9999. %



MAT 4931

He-3 Production
Cross Section

49-In-115
-100.0 To 9999. %



37

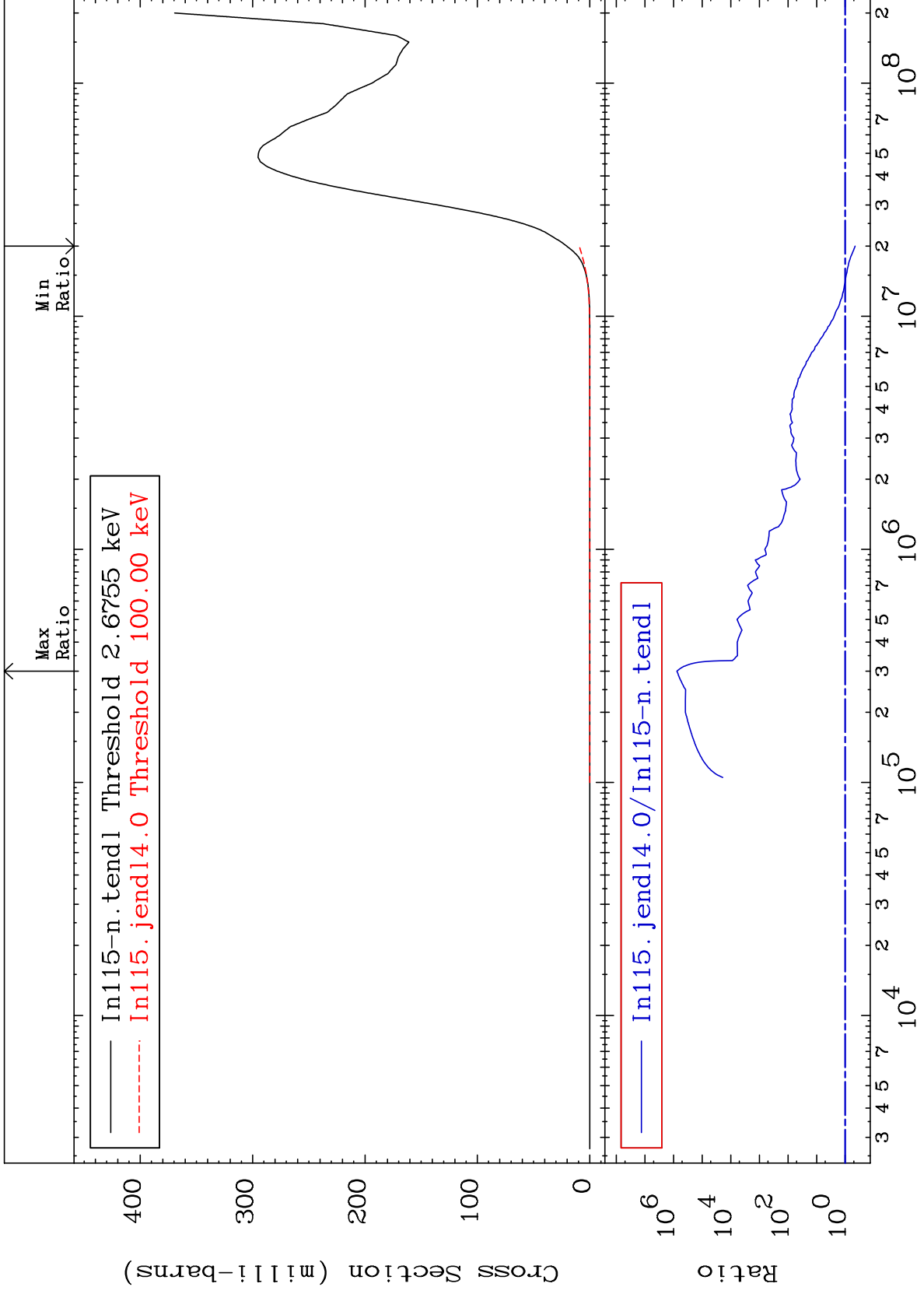
Incident Energy (eV)

49-In-115

MAT 4931

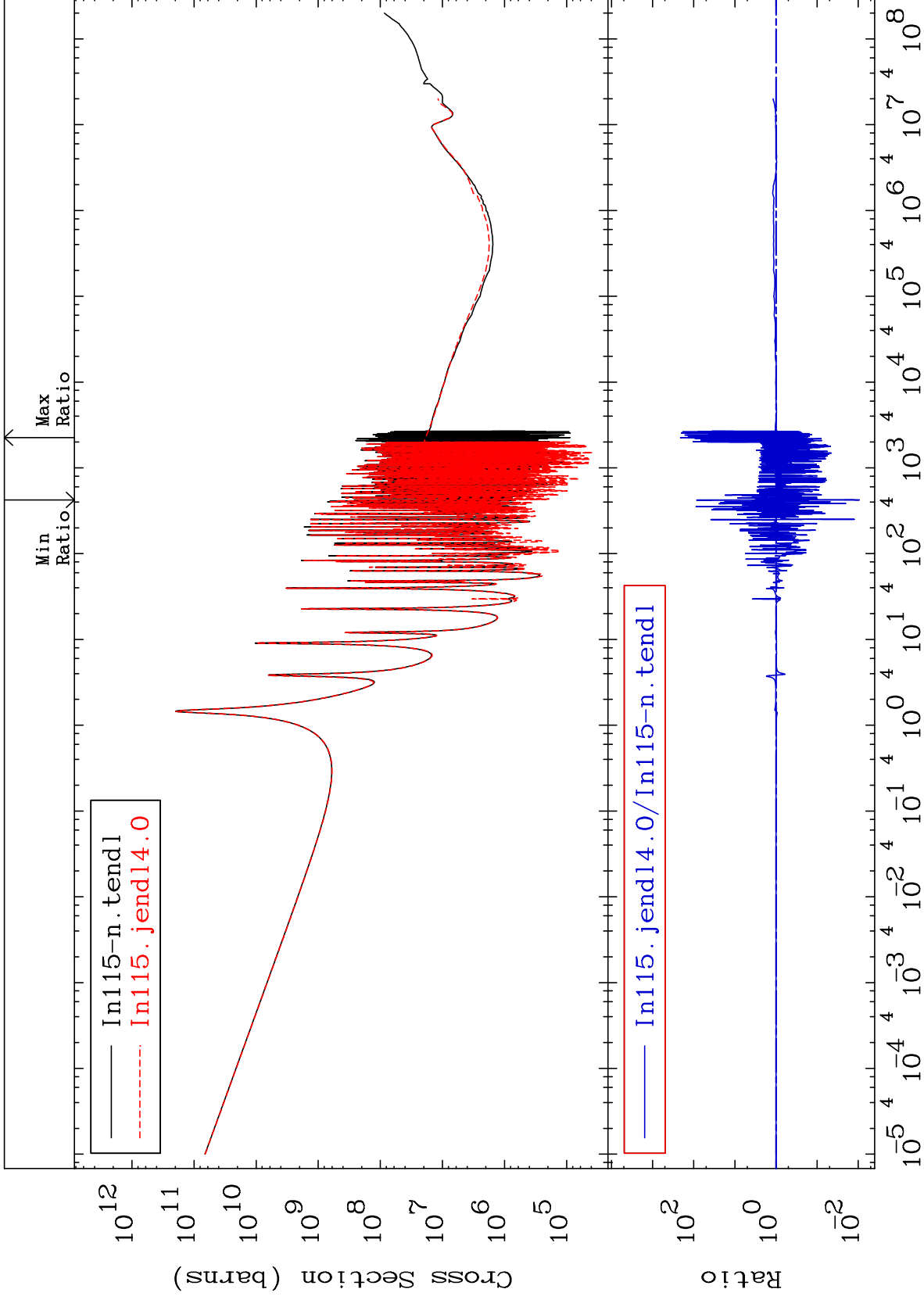
He-4 Production
Cross Section

49-In-115
-54.80 To 9999. %



Cross Section

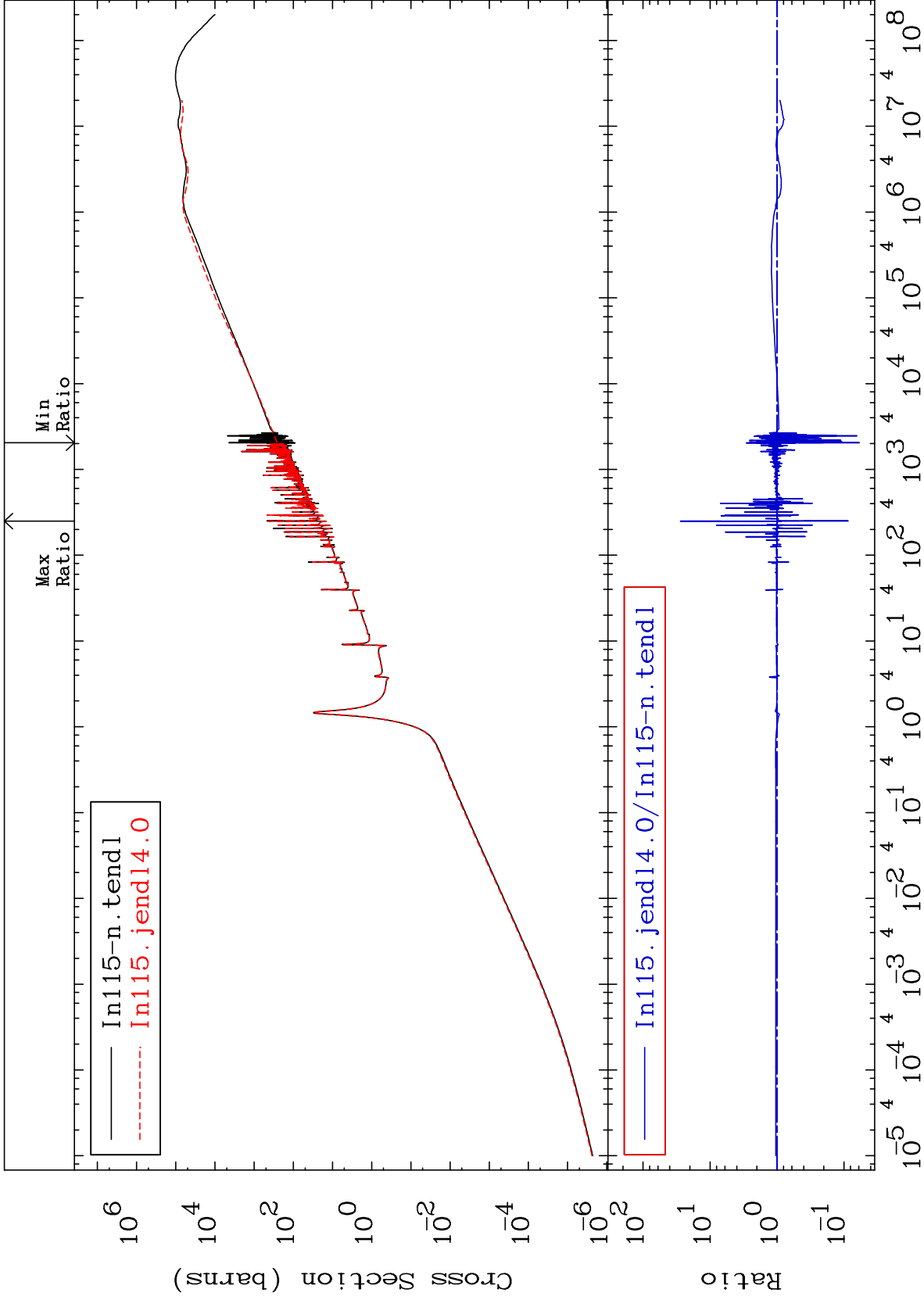
-99.06 To 9999. %



MAT 4931

Kerma elastic
Cross Section

49-In-115
-94.11 To 2676. %



40

Incident Energy (eV)

49-In-115

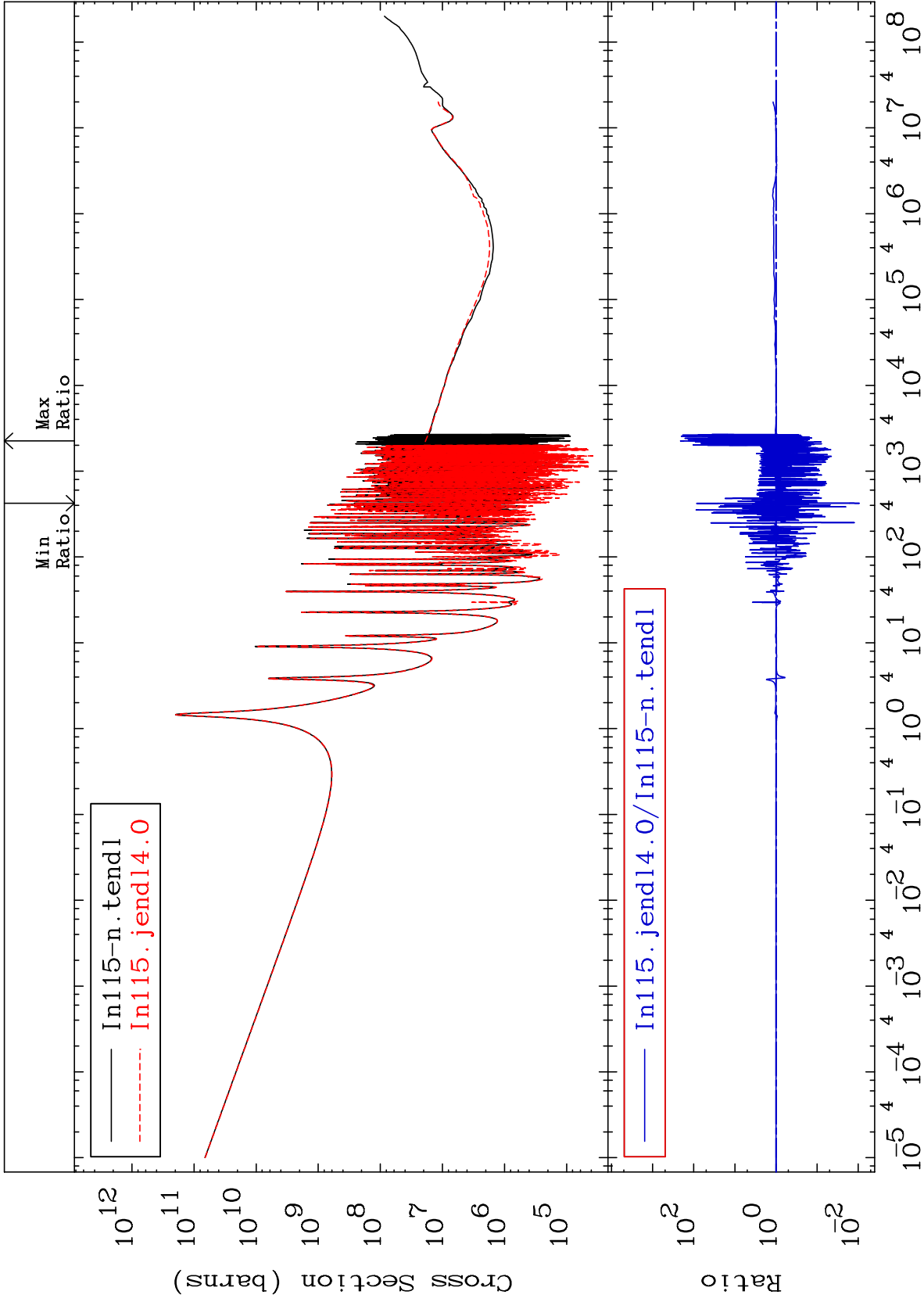
MAT 4931

Kerma non-elastic (all but mt2)

49-In-115

Cross Section

-99.06 To 9999. %



41

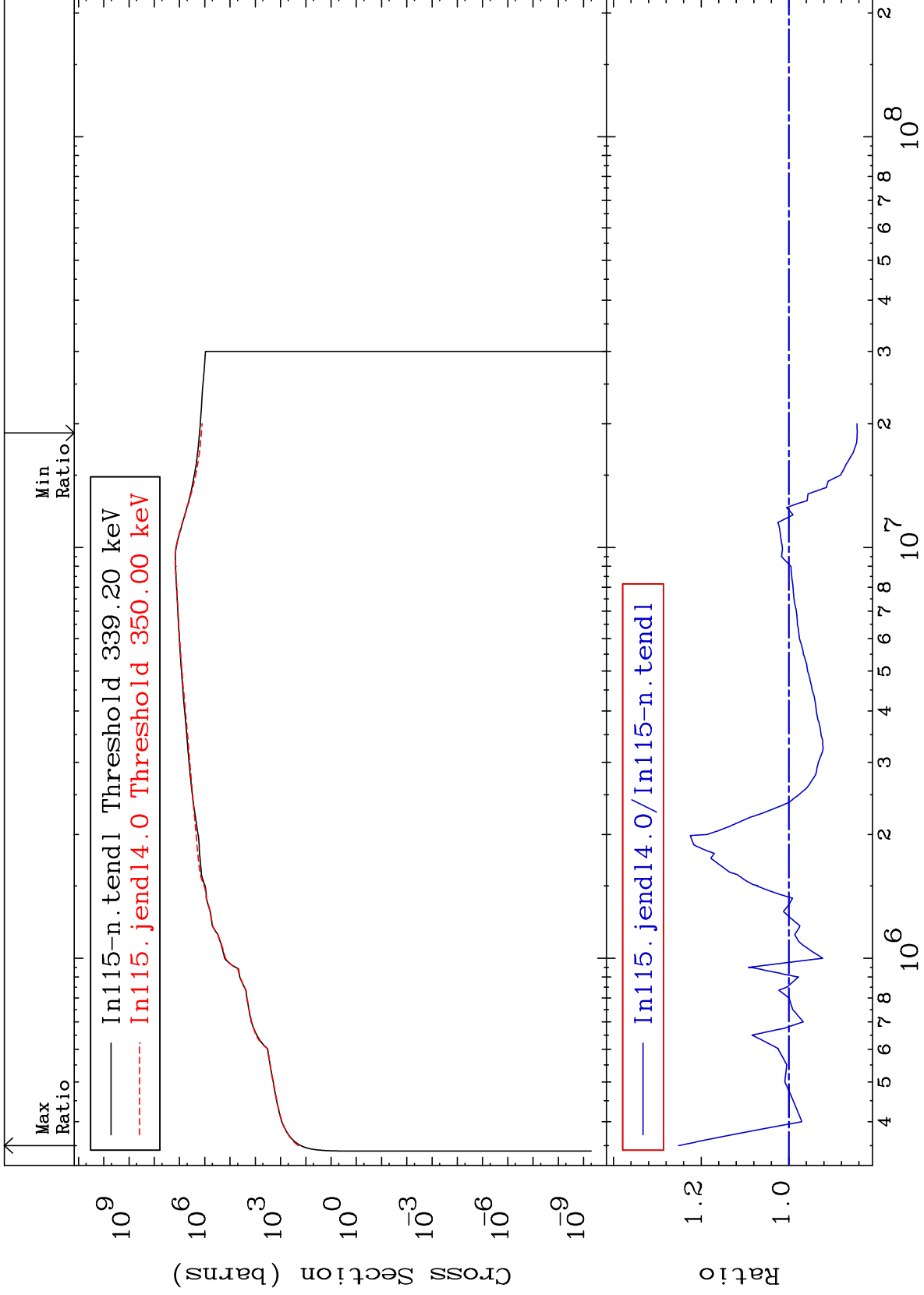
Incident Energy (eV)

49-In-115

MAT 4931

Kerma inelastic (mt51-91)
Cross Section

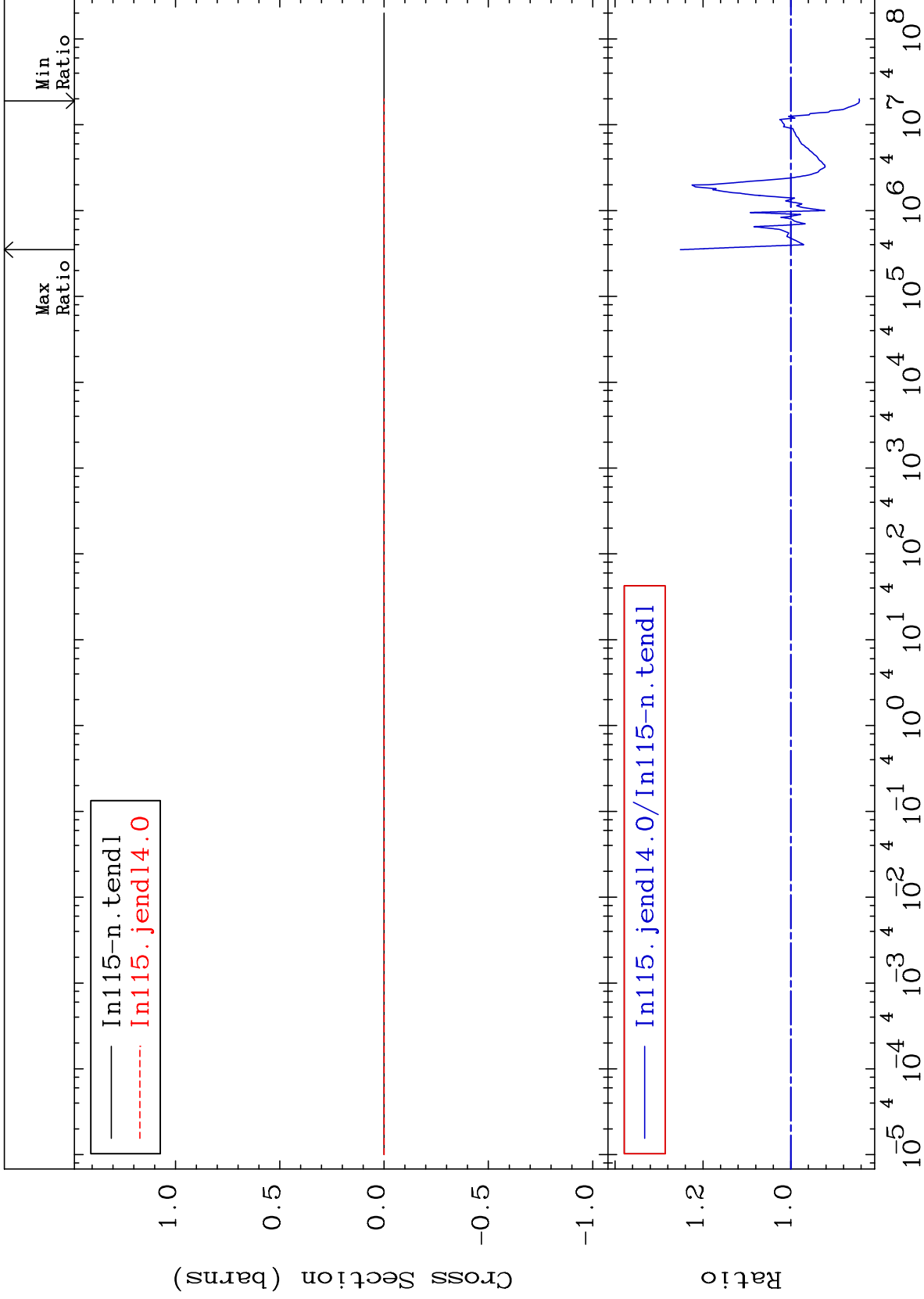
49-In-115
-15.60 To 25.14 %



MAT 4931

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

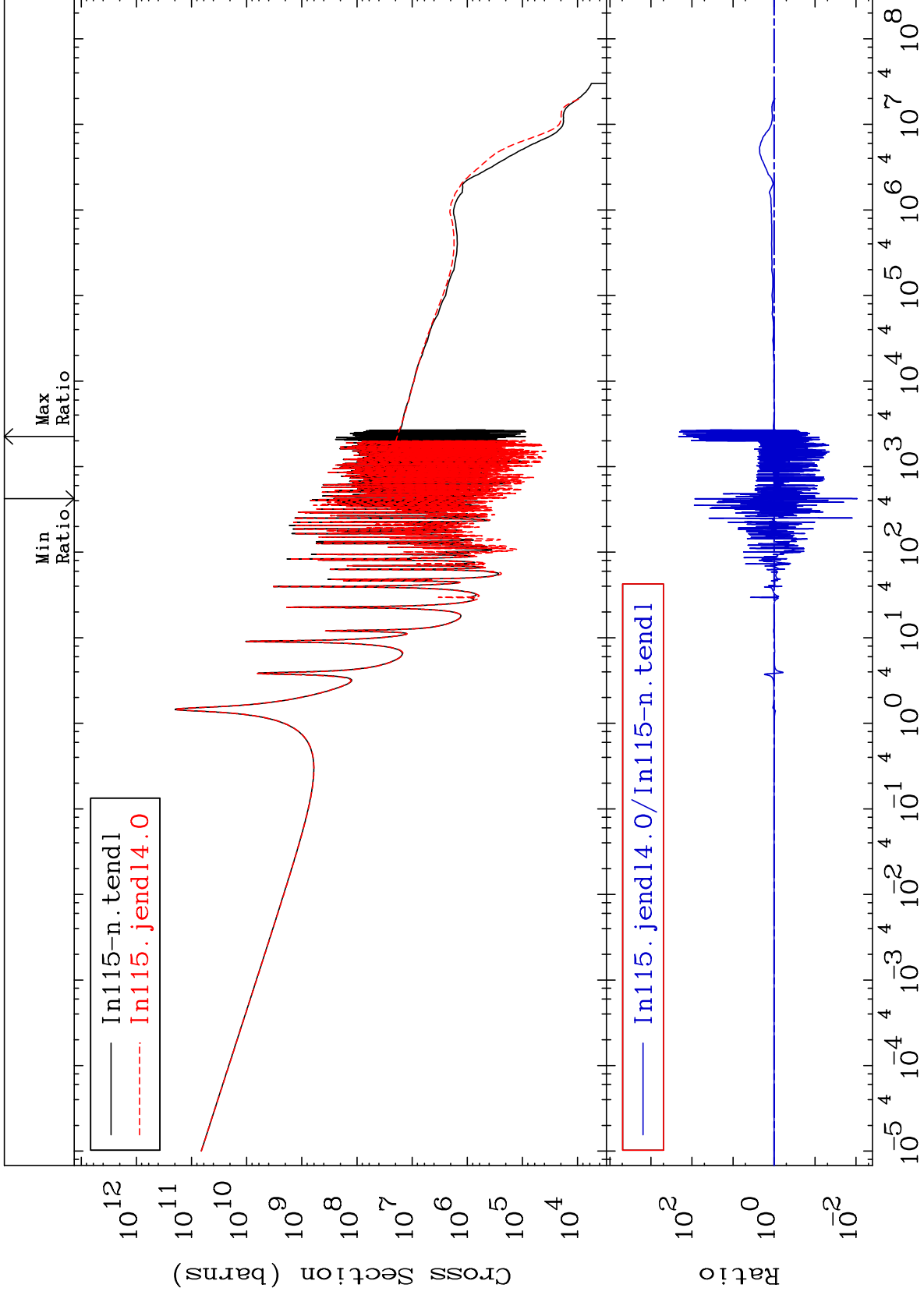
49-In-115
-15.60 To 25.14 %



MAT 4931

Kerma capture (mt102)
Cross Section

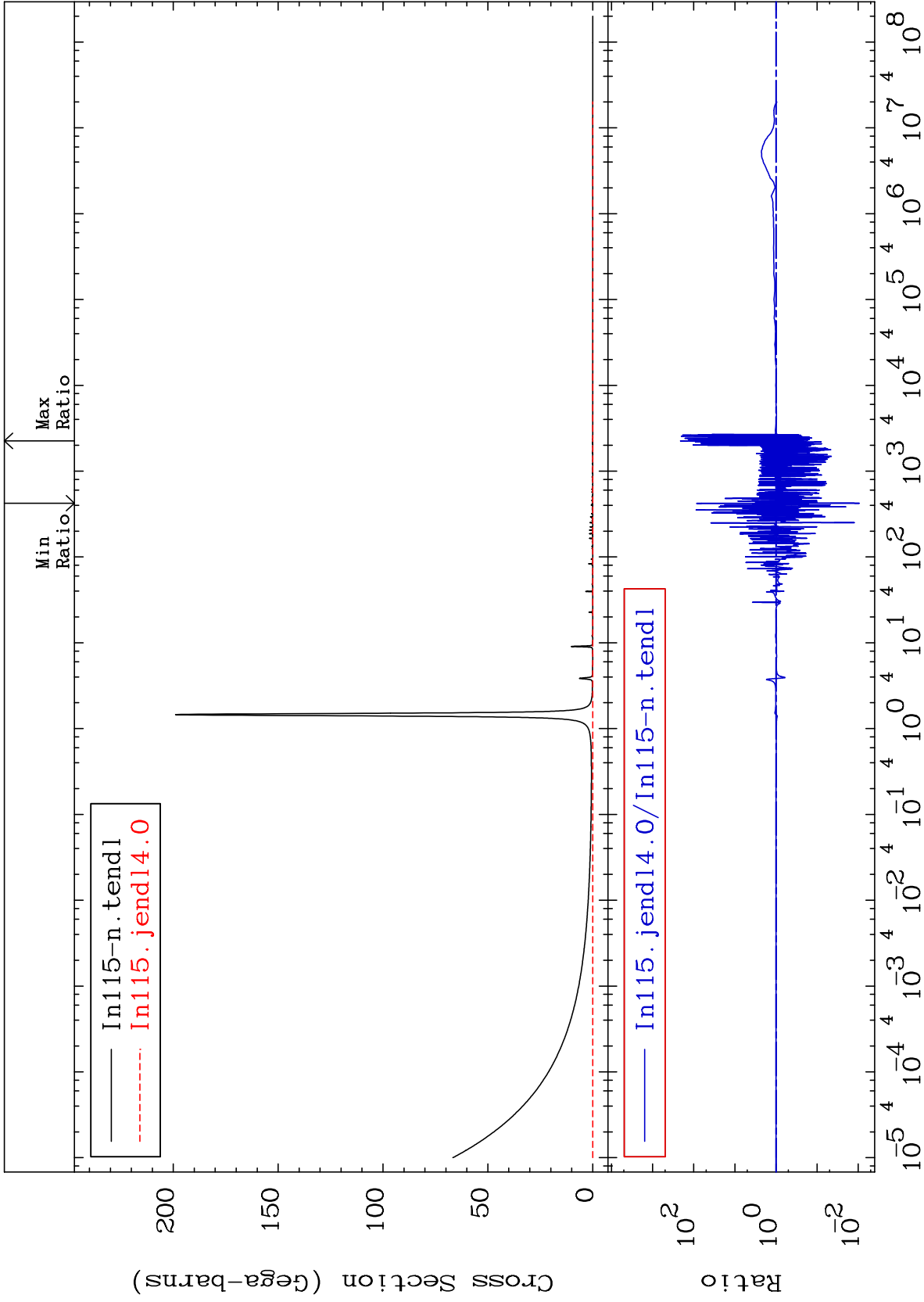
49-In-115
-99.06 To 9999. %



44

Incident Energy (eV)

49-In-115



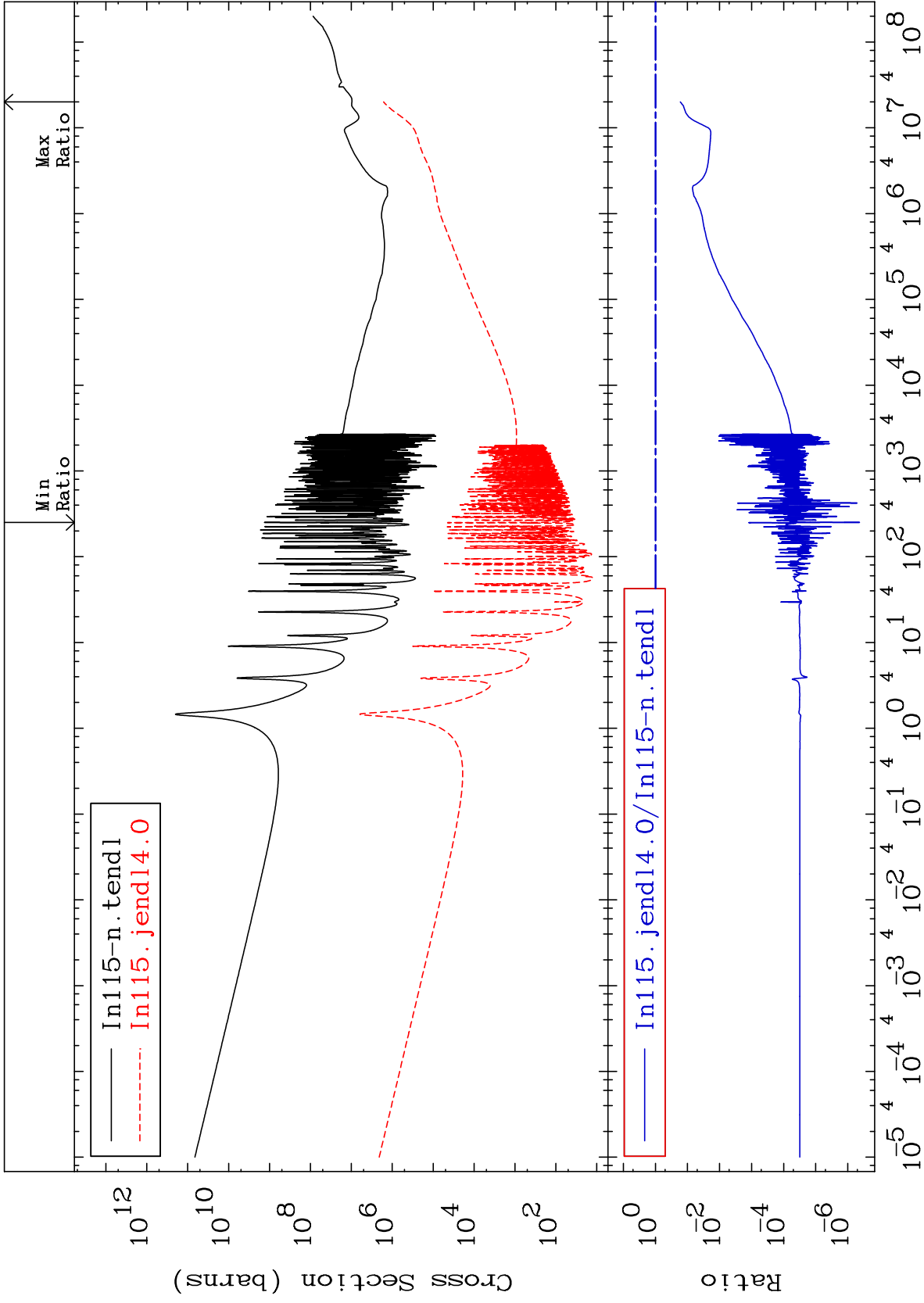
MAT 4931

Total kinematic kerma (high limit)

49-In-115

Cross Section

-100.0 To -83.33%



46

Incident Energy (eV)

49-In-115

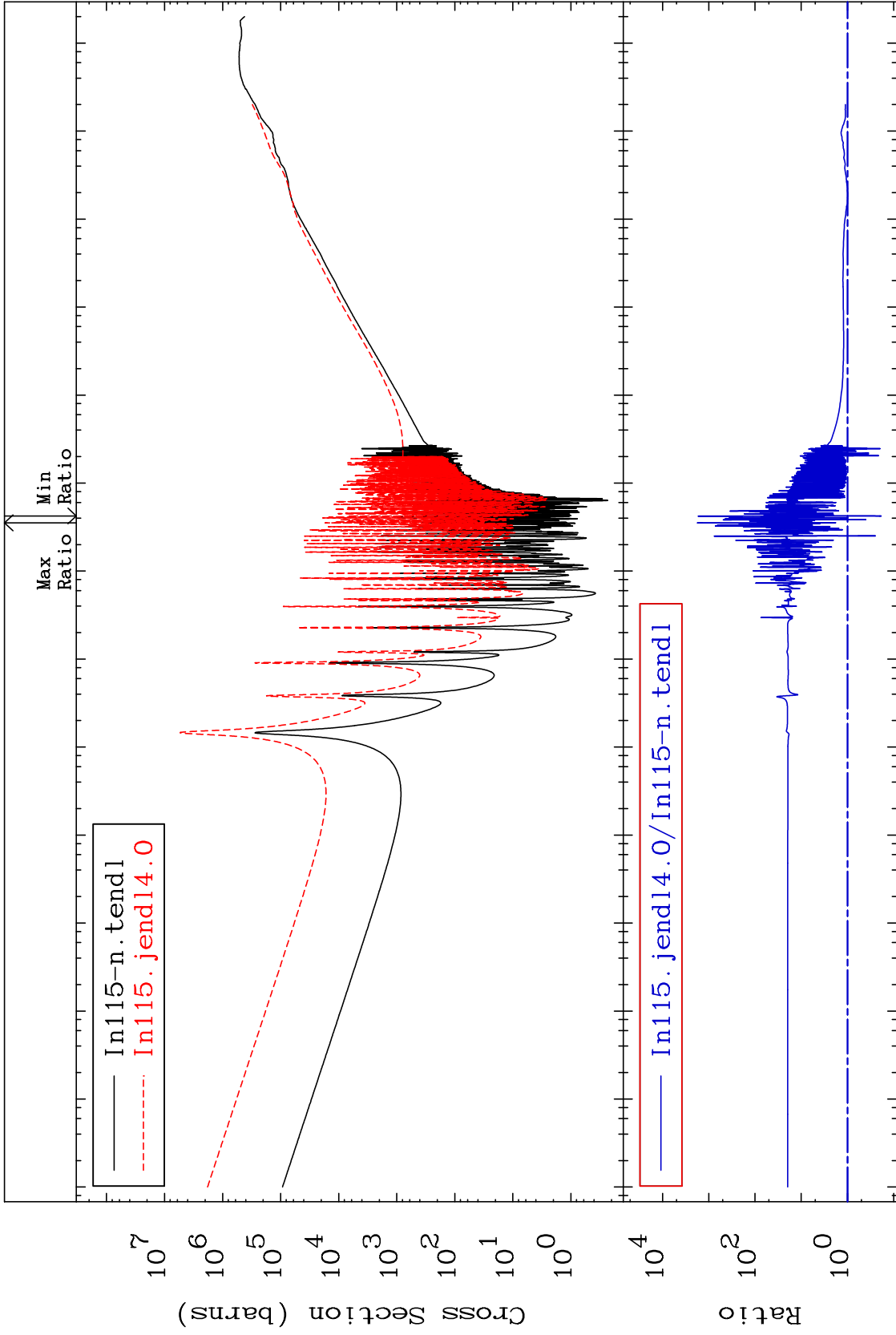
MAT 4931

Dpa total (eV-barns)

49-In-115

Cross Section

-81.28 To 9999. %



47

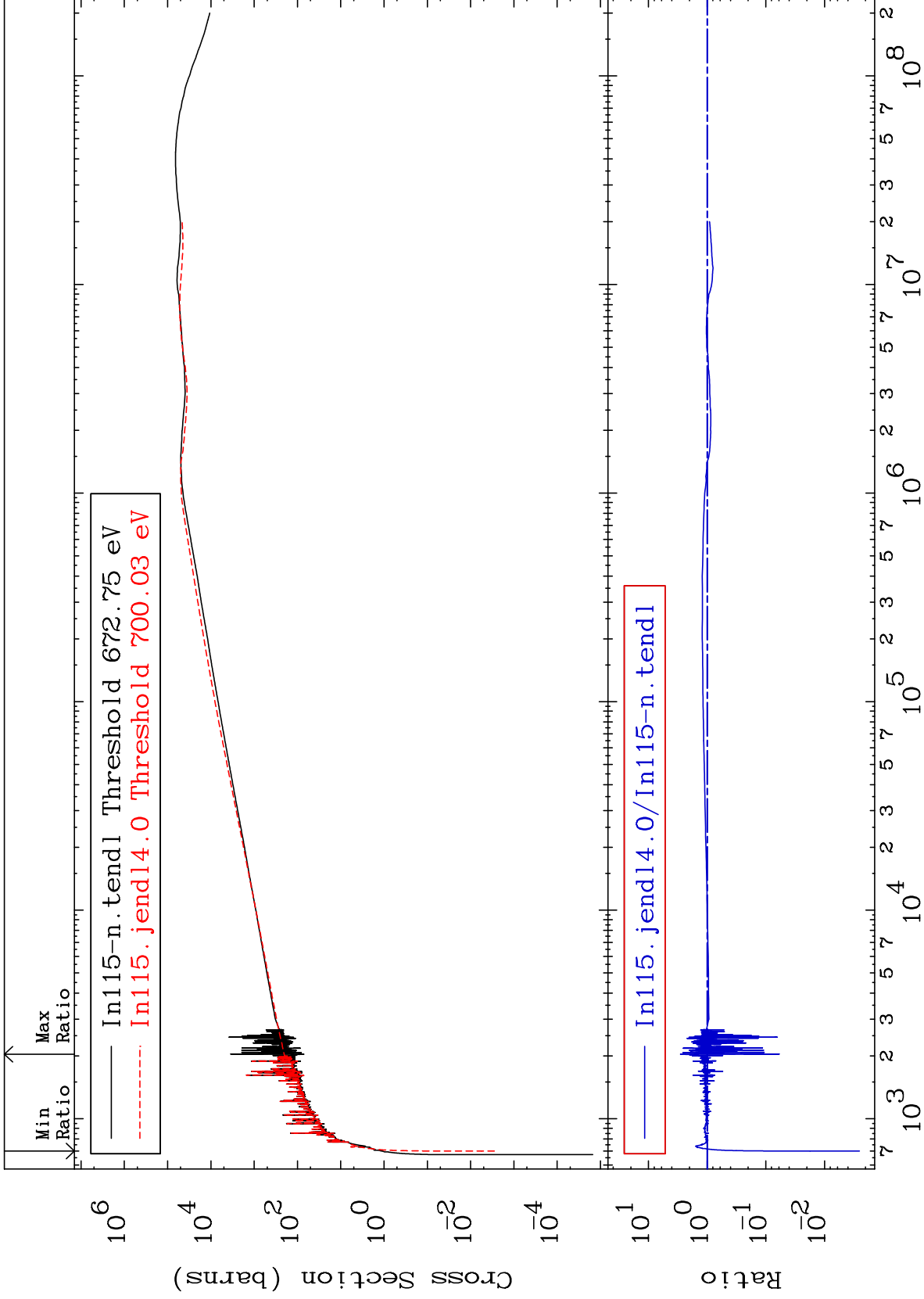
Incident Energy (eV)

49-In-115

MAT 4931

Dpa elastic (mt2)
Cross Section

49-In-115
-99.75 To 186.2 %



48

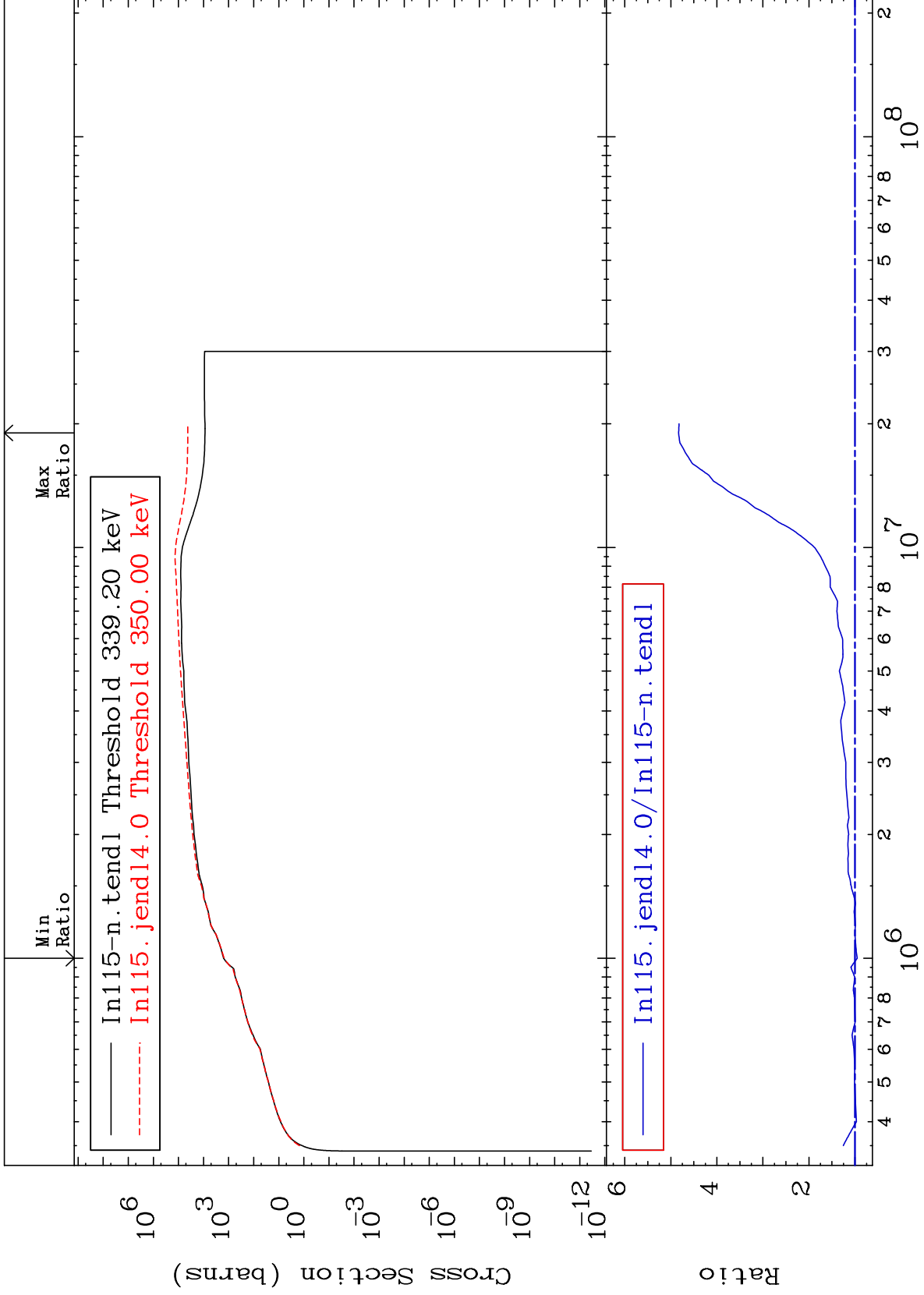
Incident Energy (eV)

49-In-115

MAT 4931

Dpa inelastic (mt51-91)
Cross Section

49-In-115
-4.900 To 383.1 %



49

Incident Energy (eV)

49-In-115

MAT 4931

Dpa disappearance (mt102 -120)
Cross Section

49-In-115
-81.28 To 9999. %

