

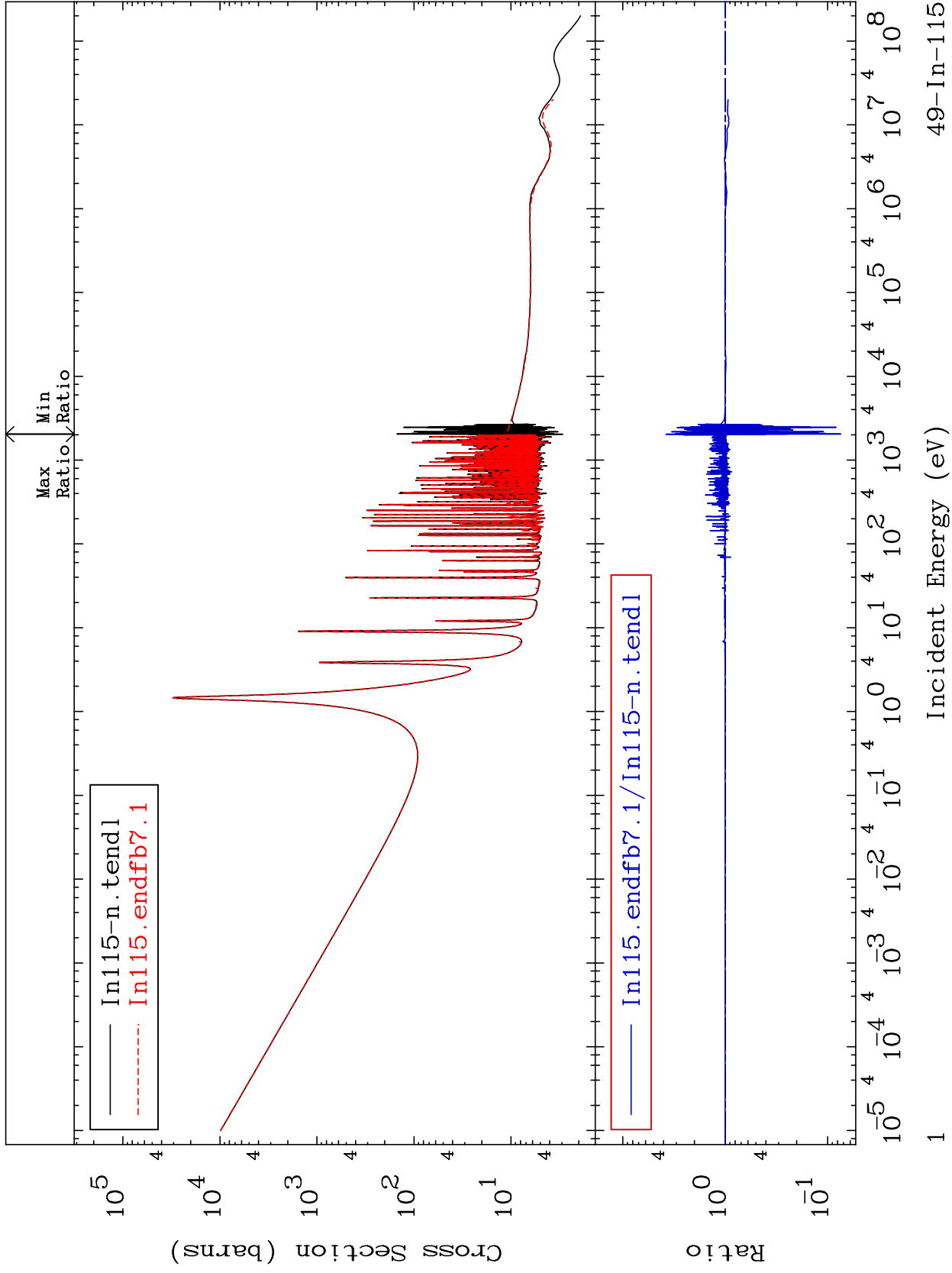
MAT 4931

Total

49-In-115

Cross Section

-92.58 To 279.0 %



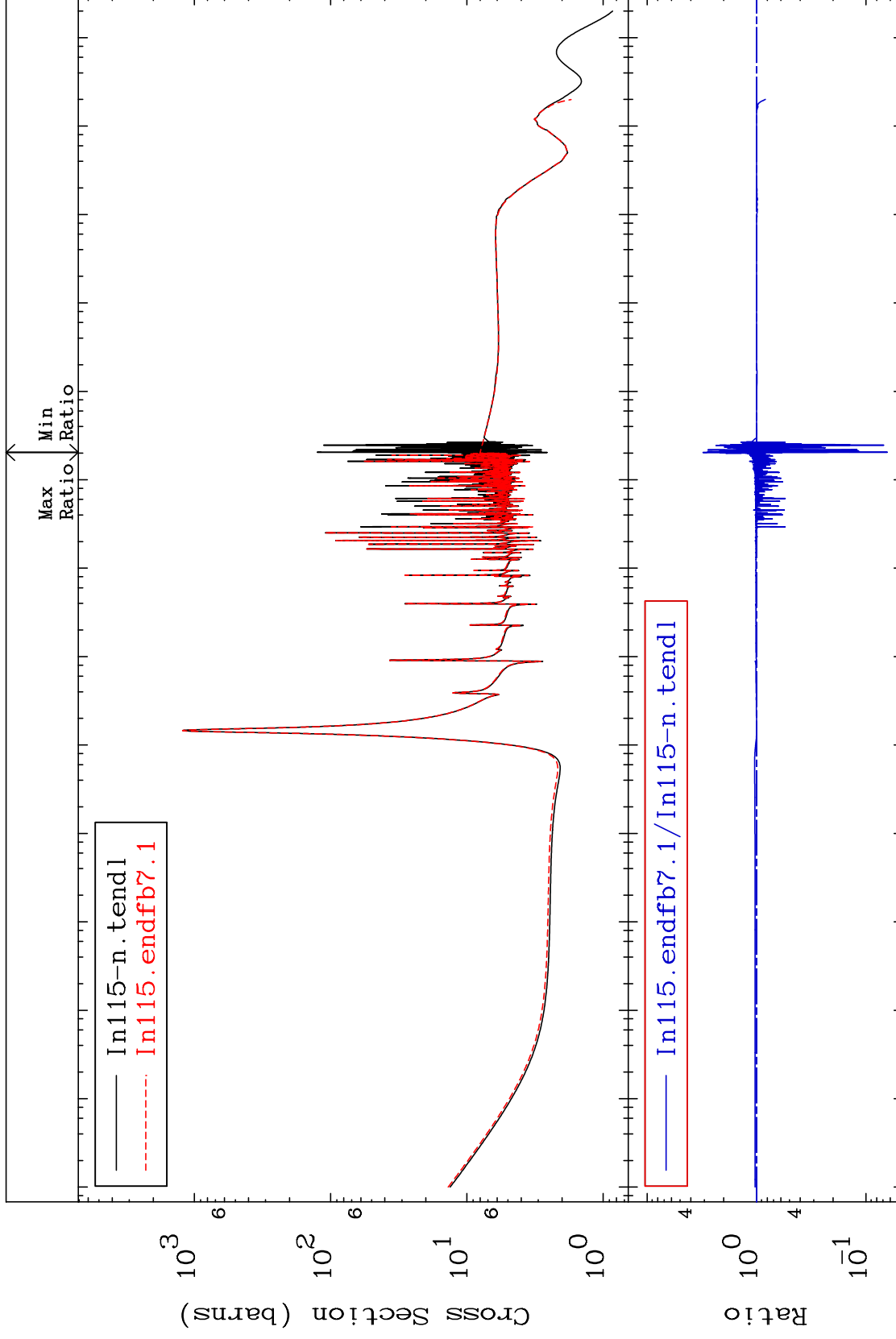
MAT 4931

Elastic

49-In-115

Cross Section

-93.62 To 209.6 %



— In115-n.tendl  
- - - In115.endfb7.1

— In115.endfb7.1/In115-n.tendl

Incident Energy (eV)

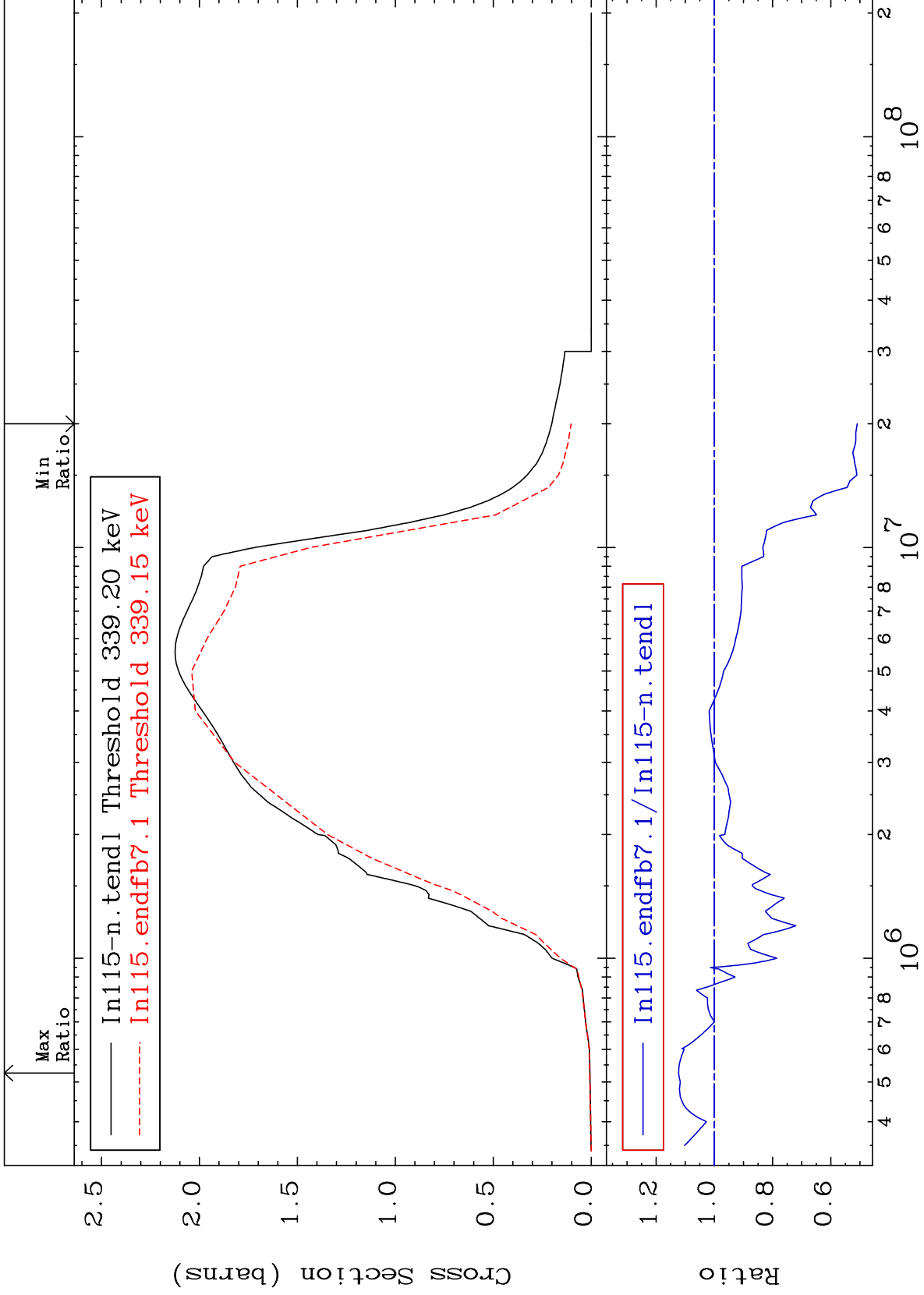
49-In-115

2

MAT 4931

Inelastic  
Cross Section

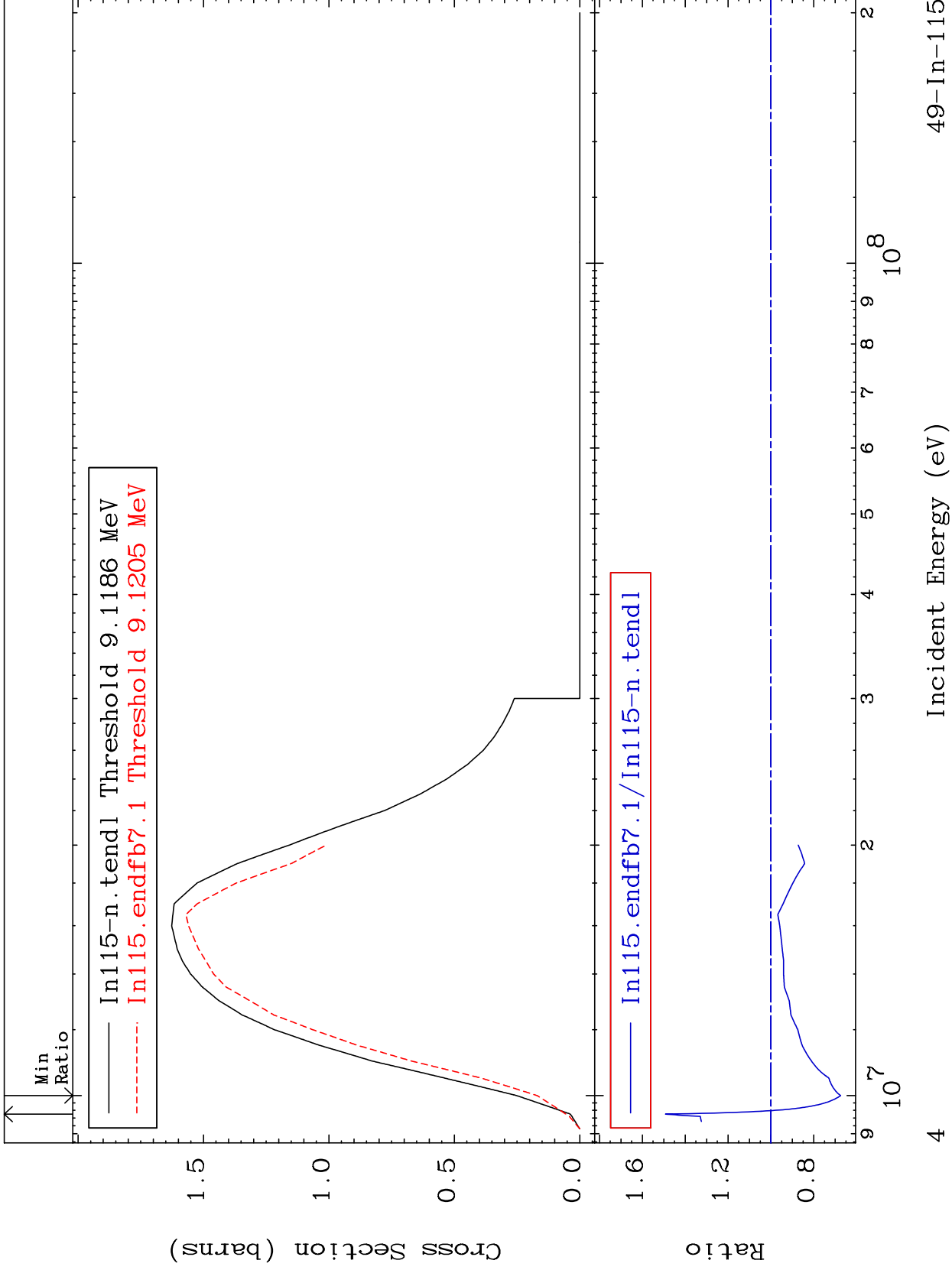
49-In-115  
-49.07 To 12.29 %



MAT 4931

(n,2n)  
Cross Section

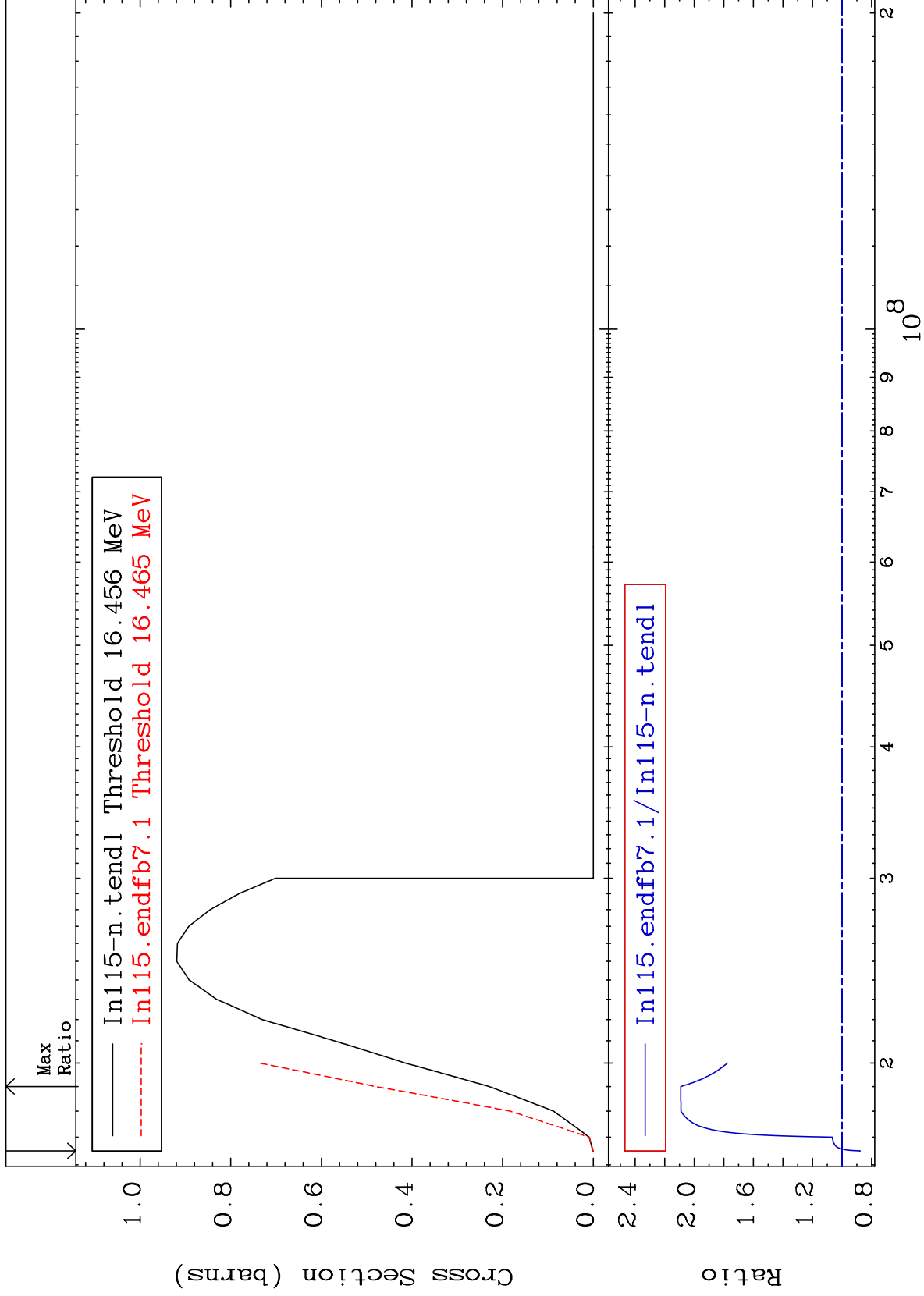
49-In-115  
-32.56 To 49.20 %



MAT 4931

(n,3n)  
Cross Section

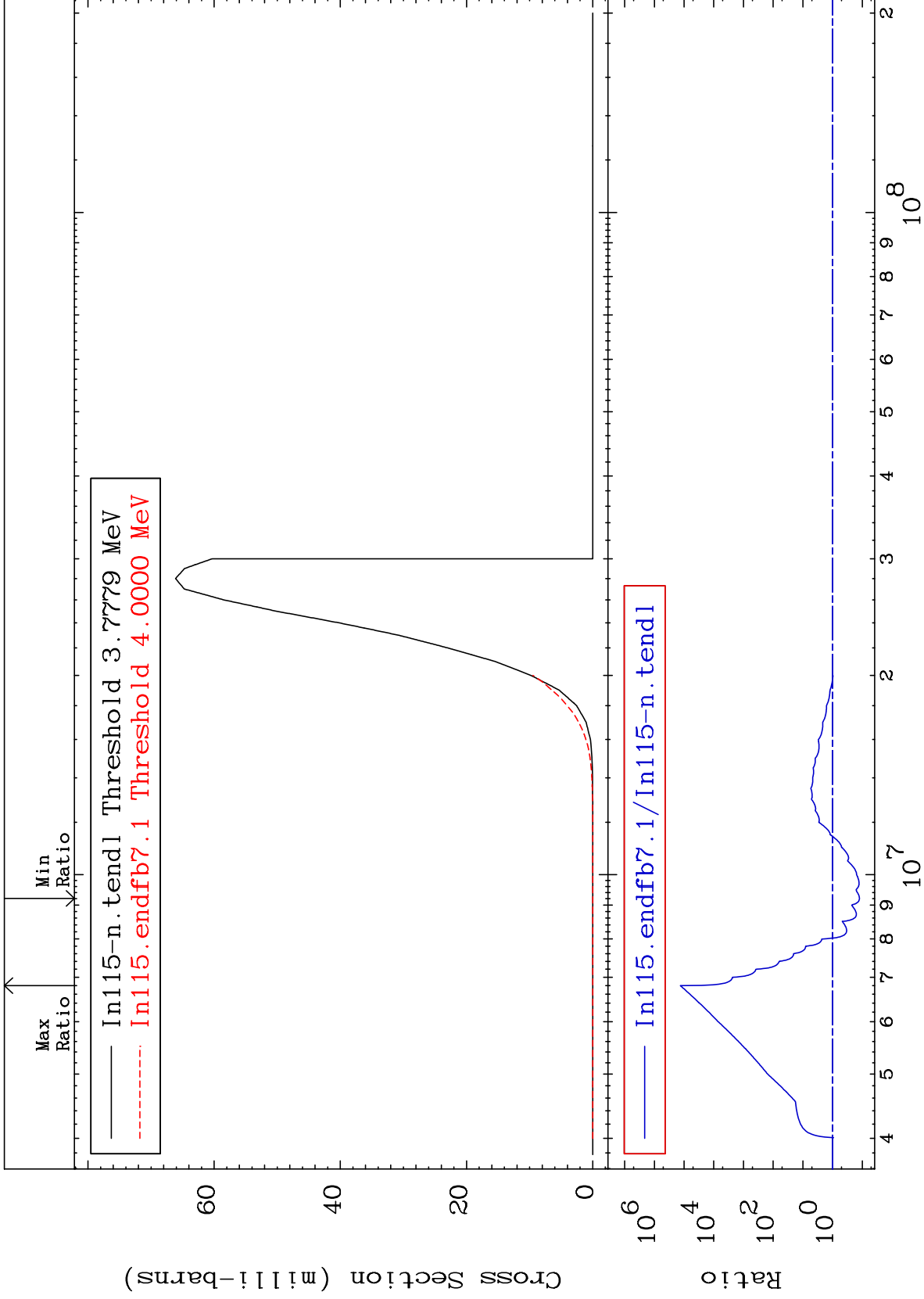
49-In-115  
-11.85 To 109.1 %



MAT 4931

(n,n')  $\alpha$   
Cross Section

49-In-115  
-87.56 To 9999. %



6

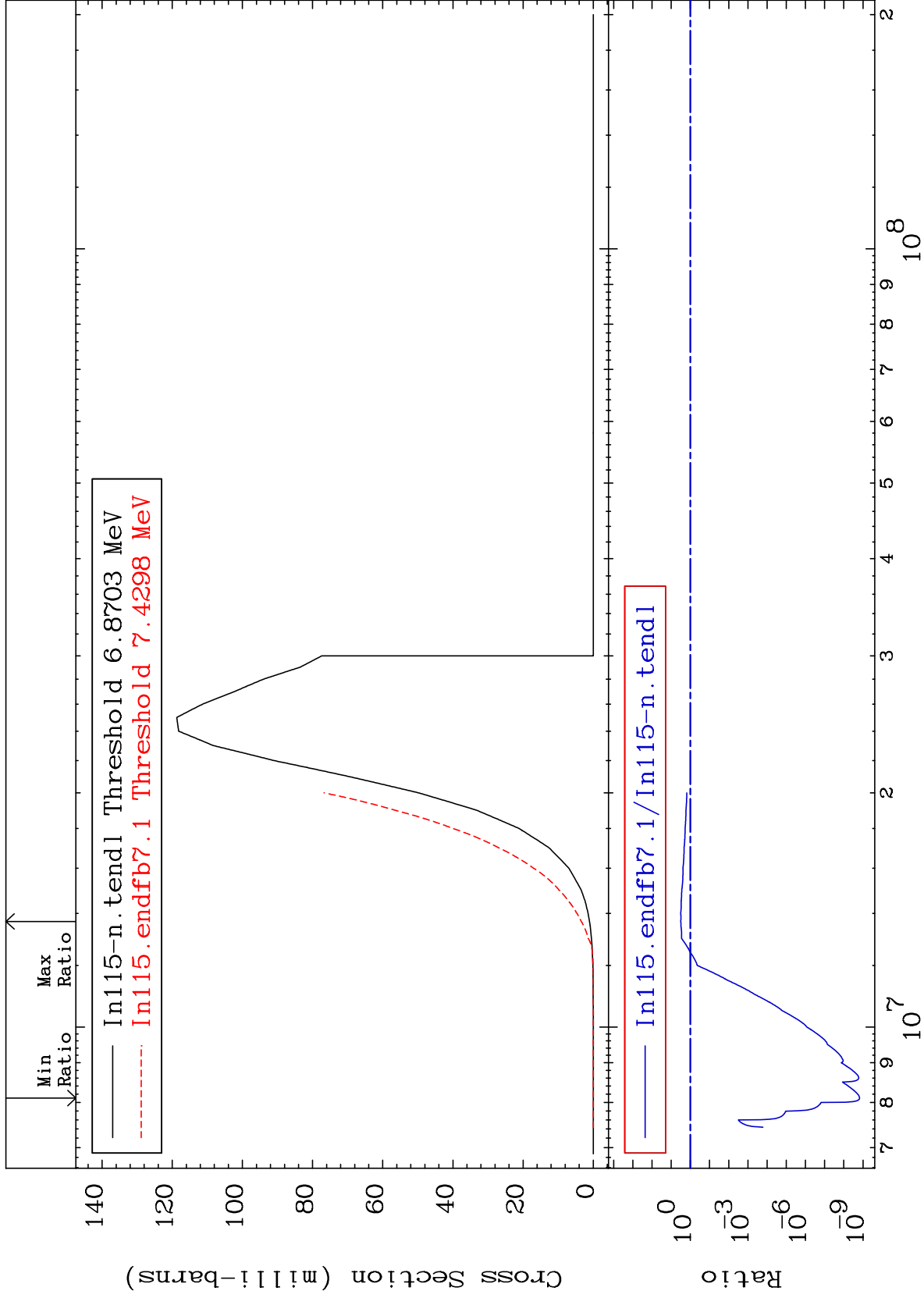
Incident Energy (eV)

49-In-115

MAT 4931

(n, n') p  
Cross Section

49-In-115  
-100.0 To 216.6 %



7

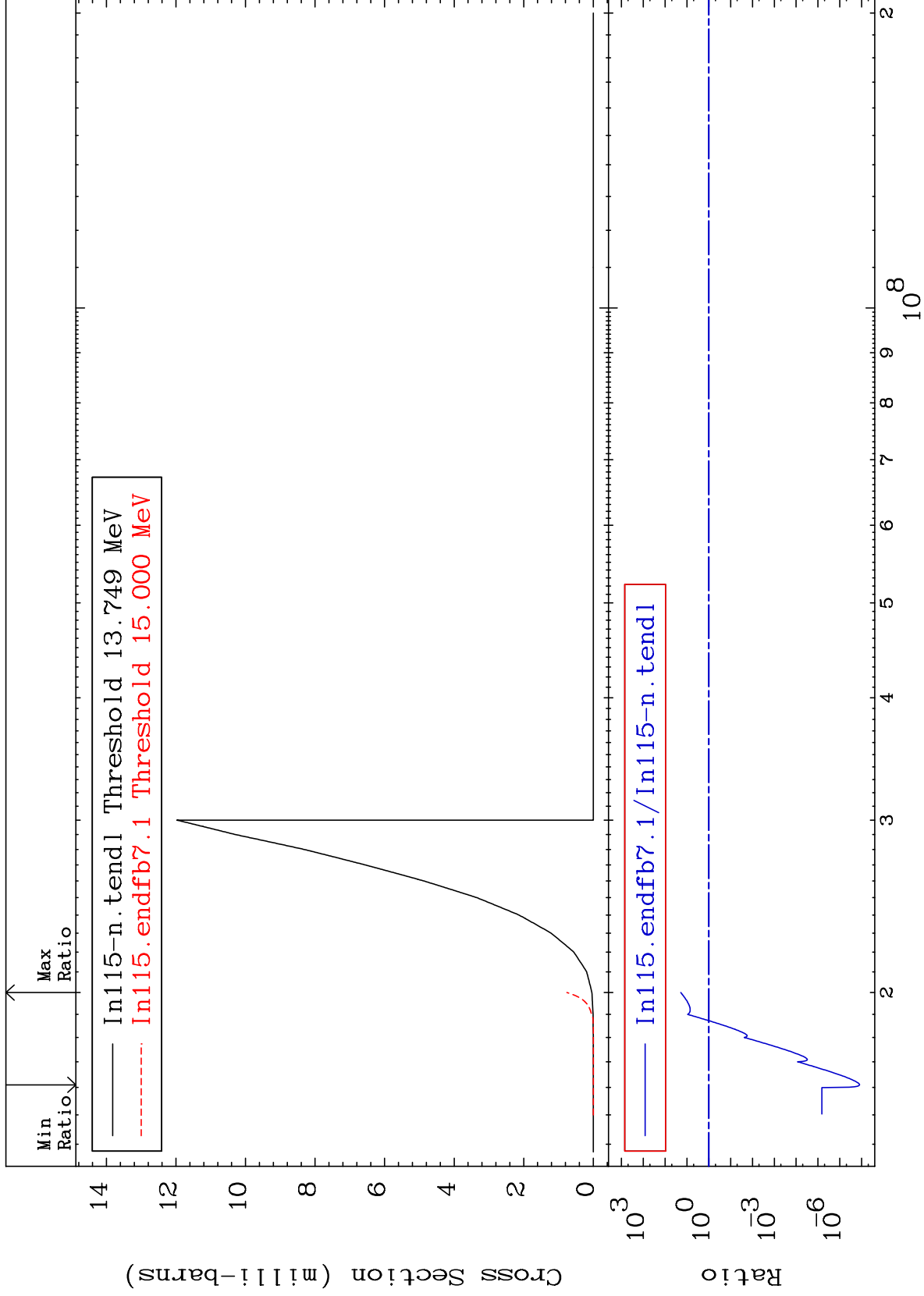
Incident Energy (eV)

49-In-115

MAT 4931

(n,n') d  
Cross Section

49-In-115  
-100.0 To 1825. %

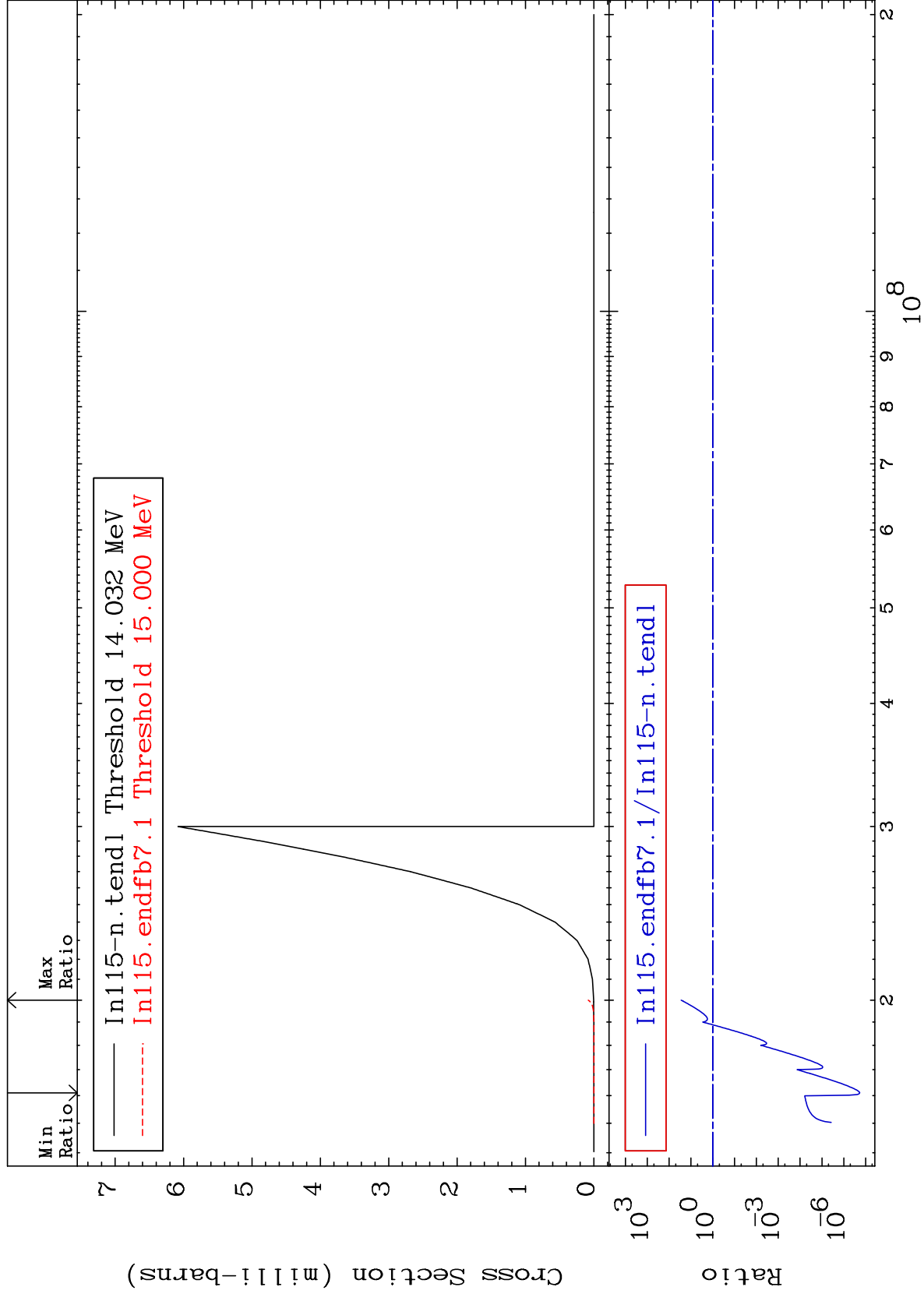




MAT 4931

(n,n') t  
Cross Section

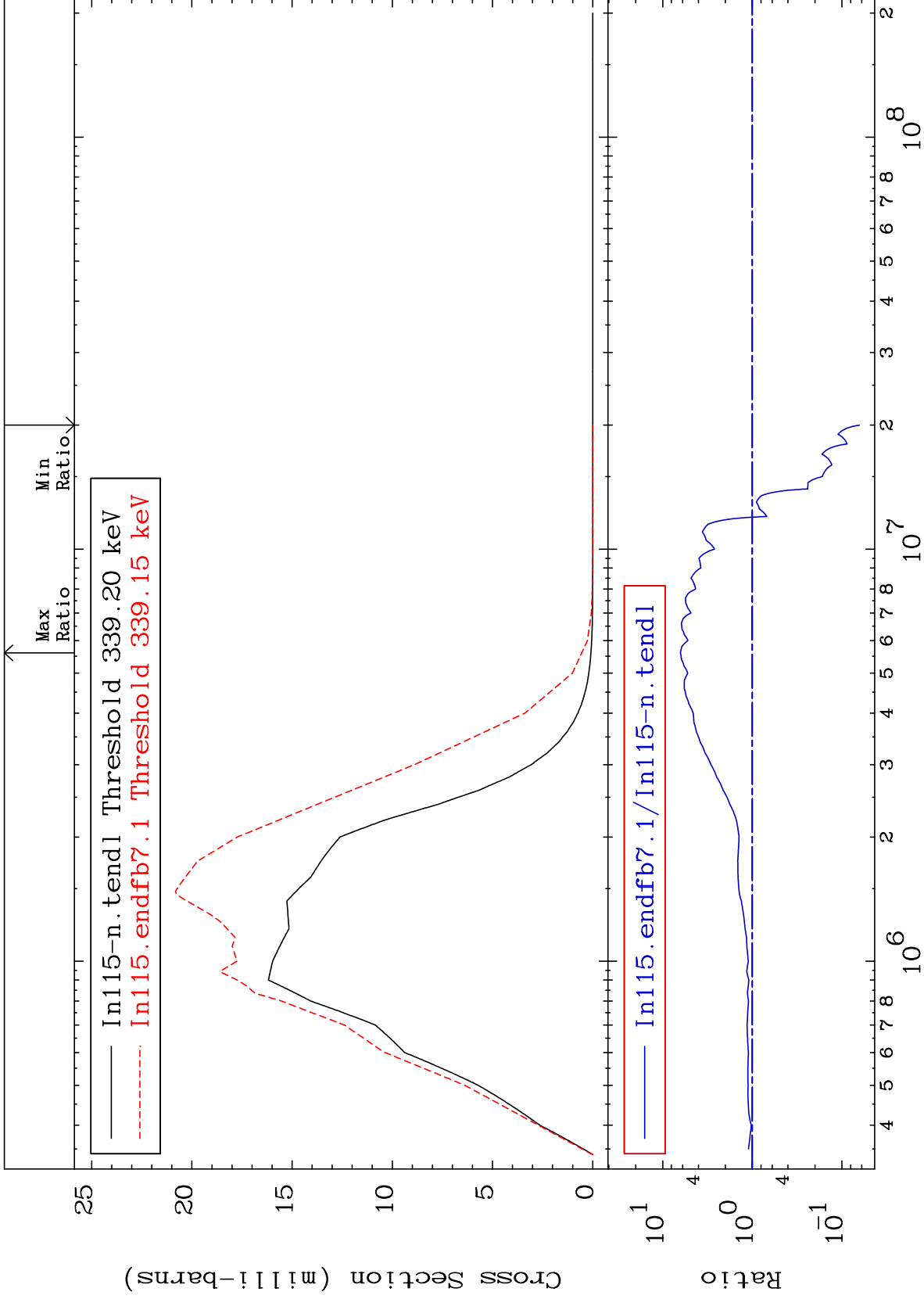
49-In-115  
-100.0 To 2710. %



MAT 4931

336.2 keV (n,n') Level  
Cross Section

49-In-115  
-93.63 To 535.8 %



10

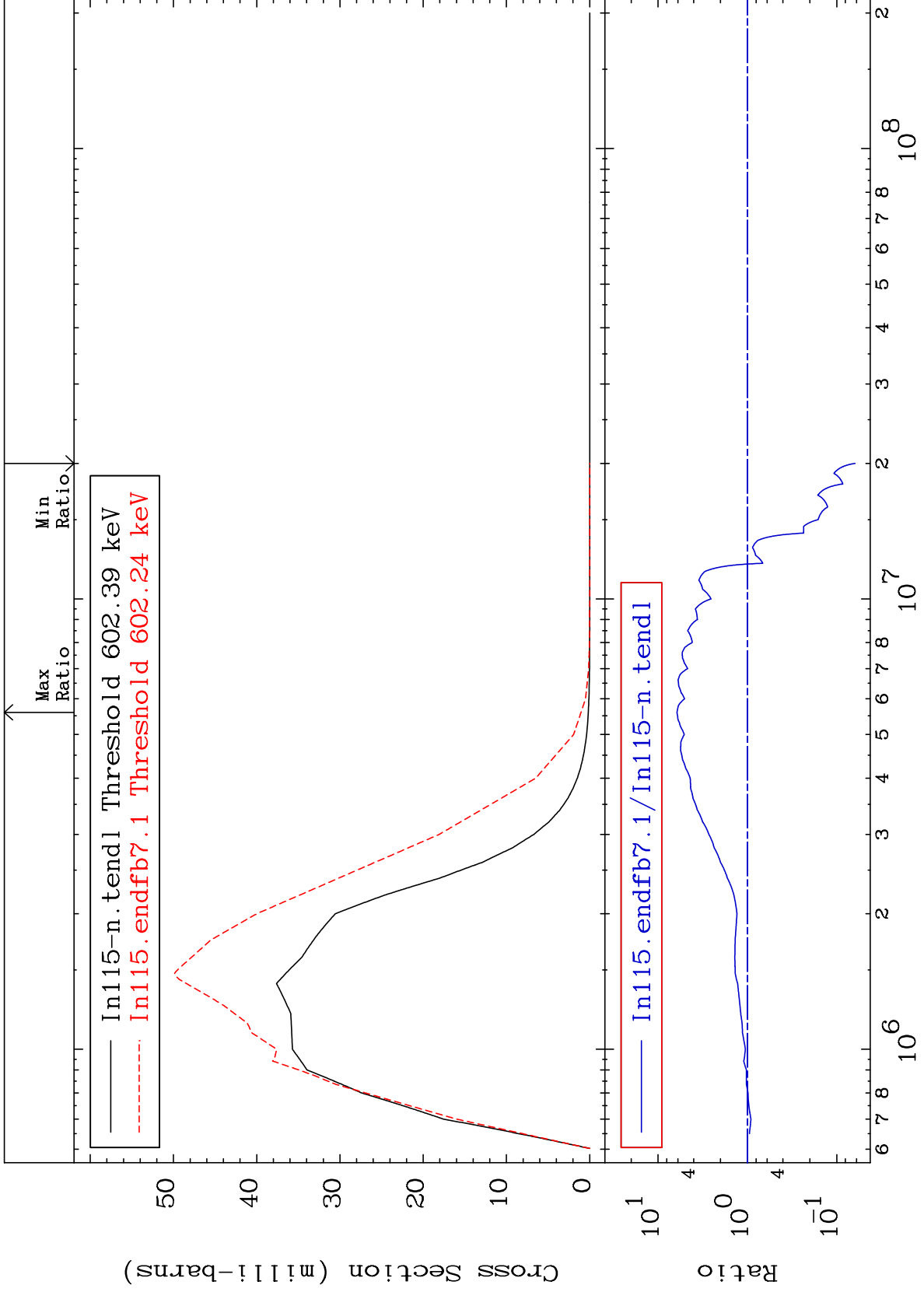
Incident Energy (eV)

49-In-115

MAT 4931

597.1 keV (n,n') Level  
Cross Section

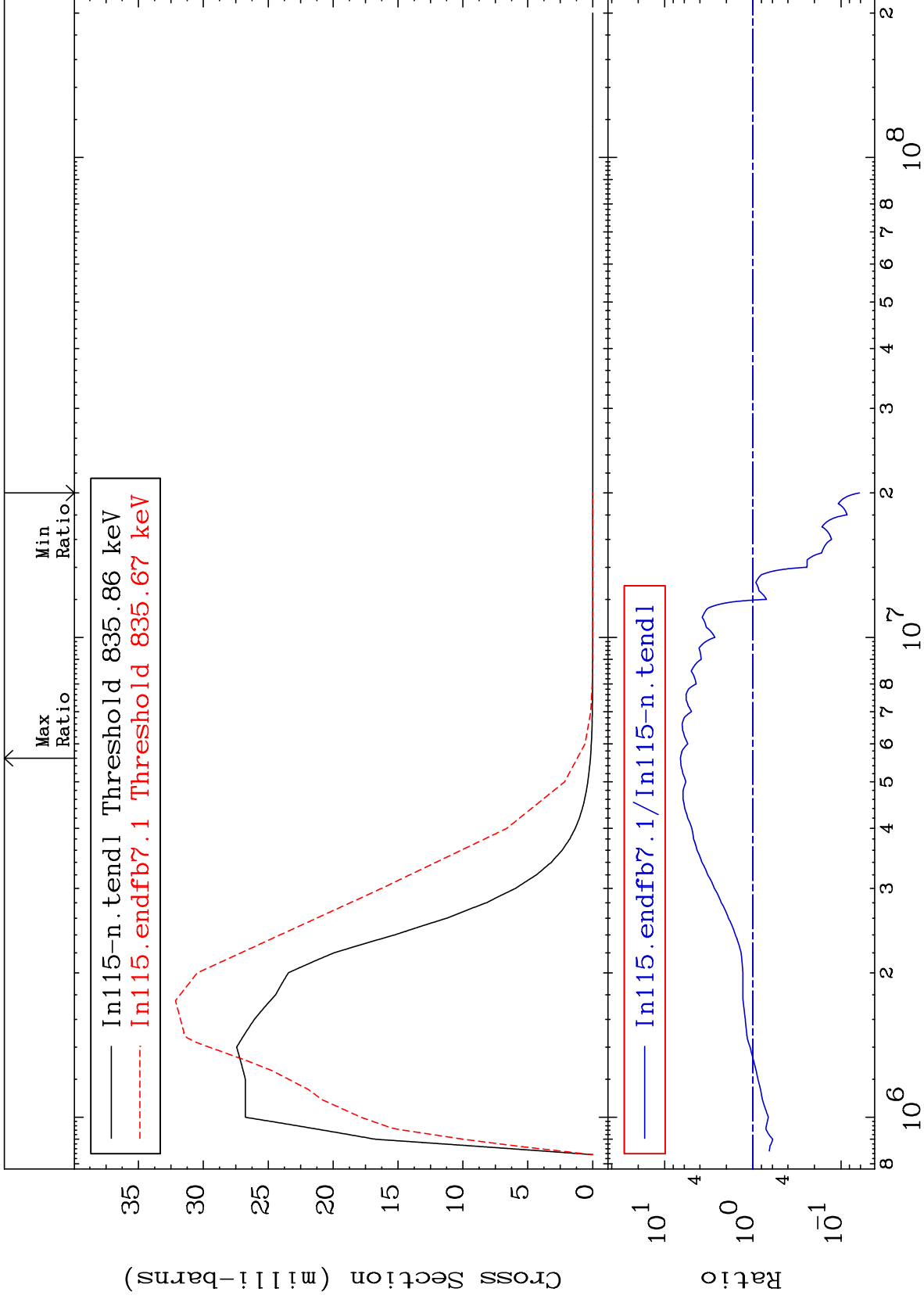
49-In-115  
-93.77 To 515.0 %



MAT 4931

828.6 keV (n,n') Level  
Cross Section

49-In-115  
-93.83 To 565.0 %



12

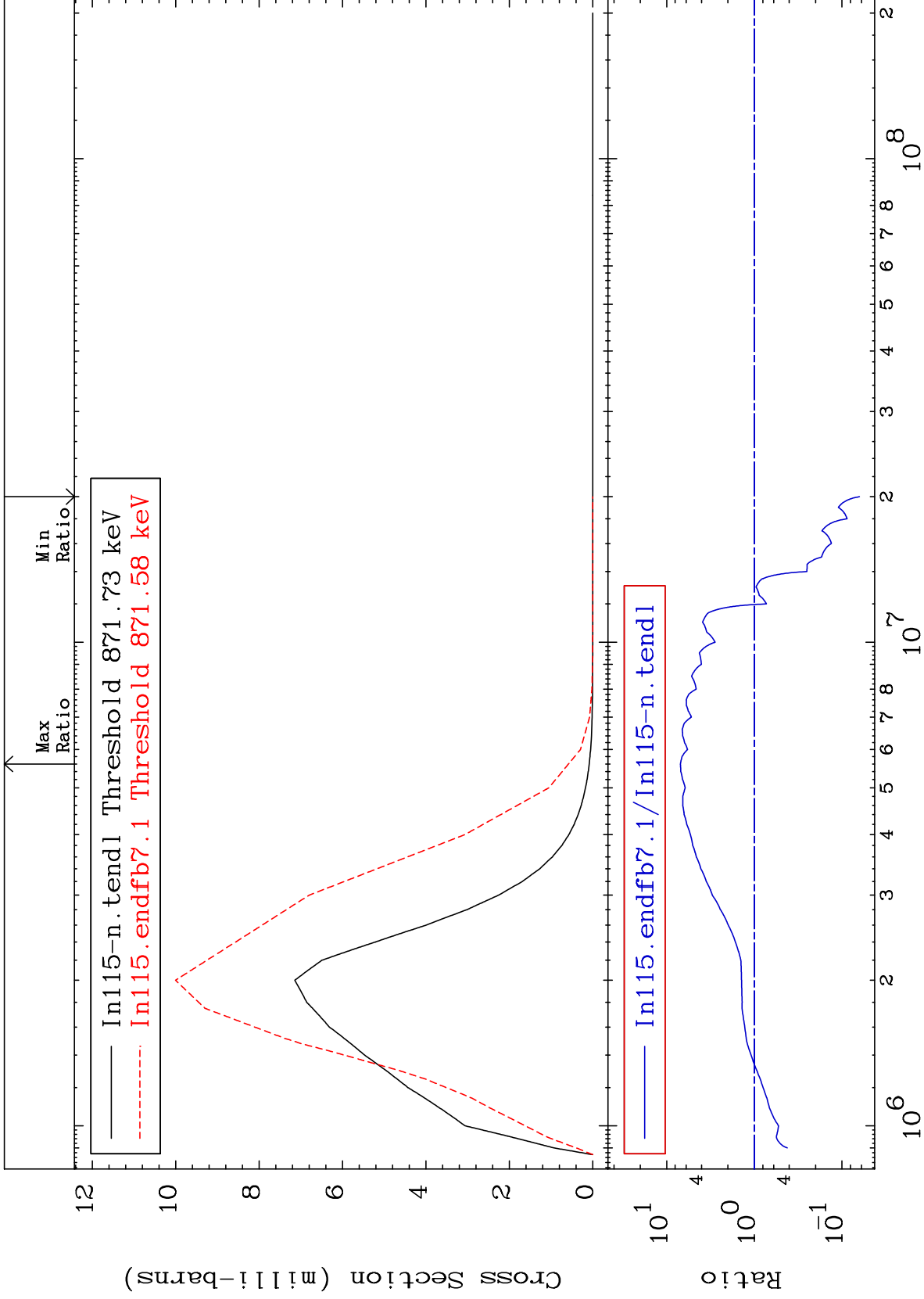
Incident Energy (eV)

49-In-115

MAT 4931

864.1 keV (n,n') Level  
Cross Section

49-In-115  
-93.68 To 598.5 %



13

Incident Energy (eV)

49-In-115

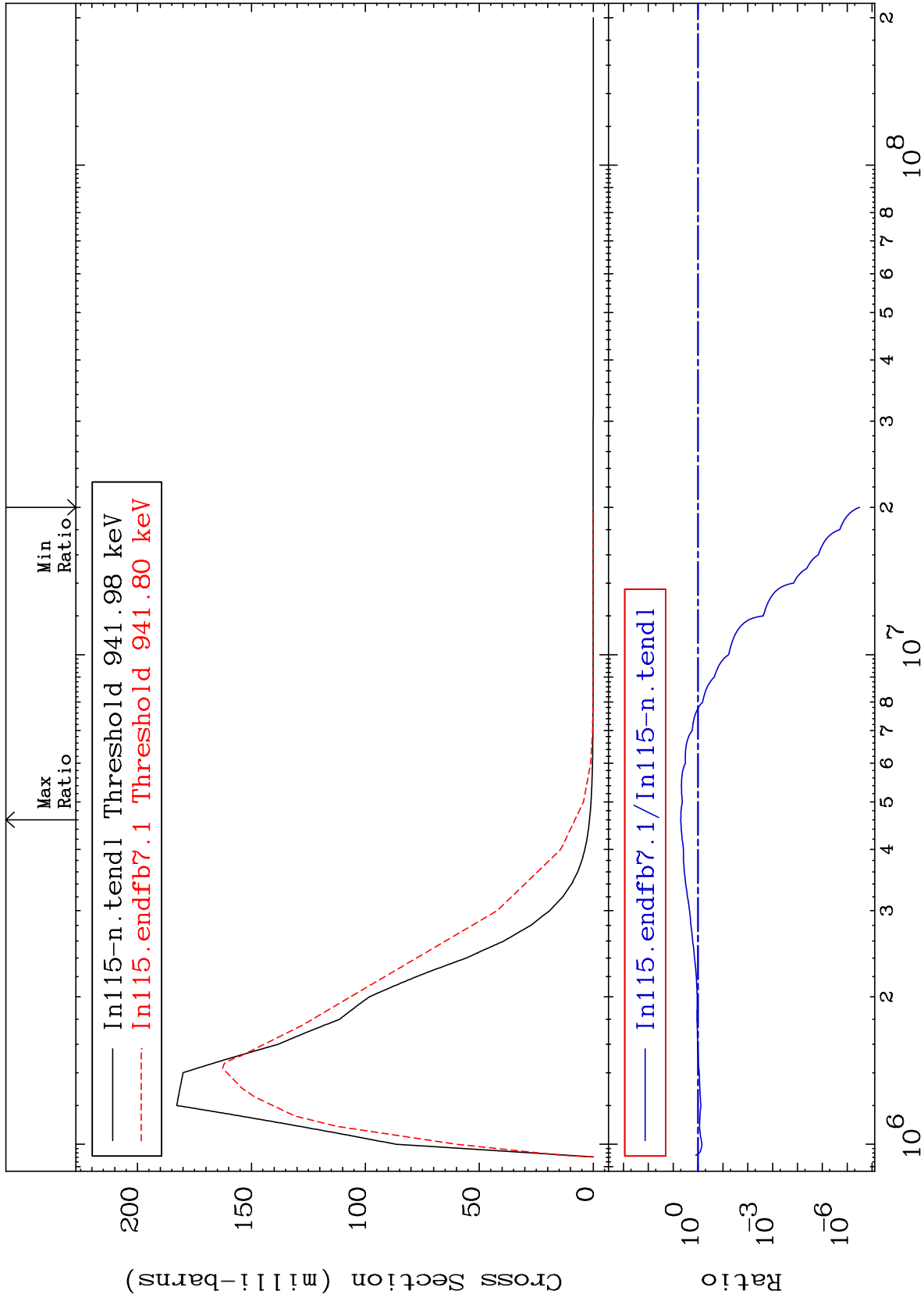
MAT 4931

933.8 keV (n,n') Level

49-In-115

-100.0 To 395.7 %

Cross Section



14

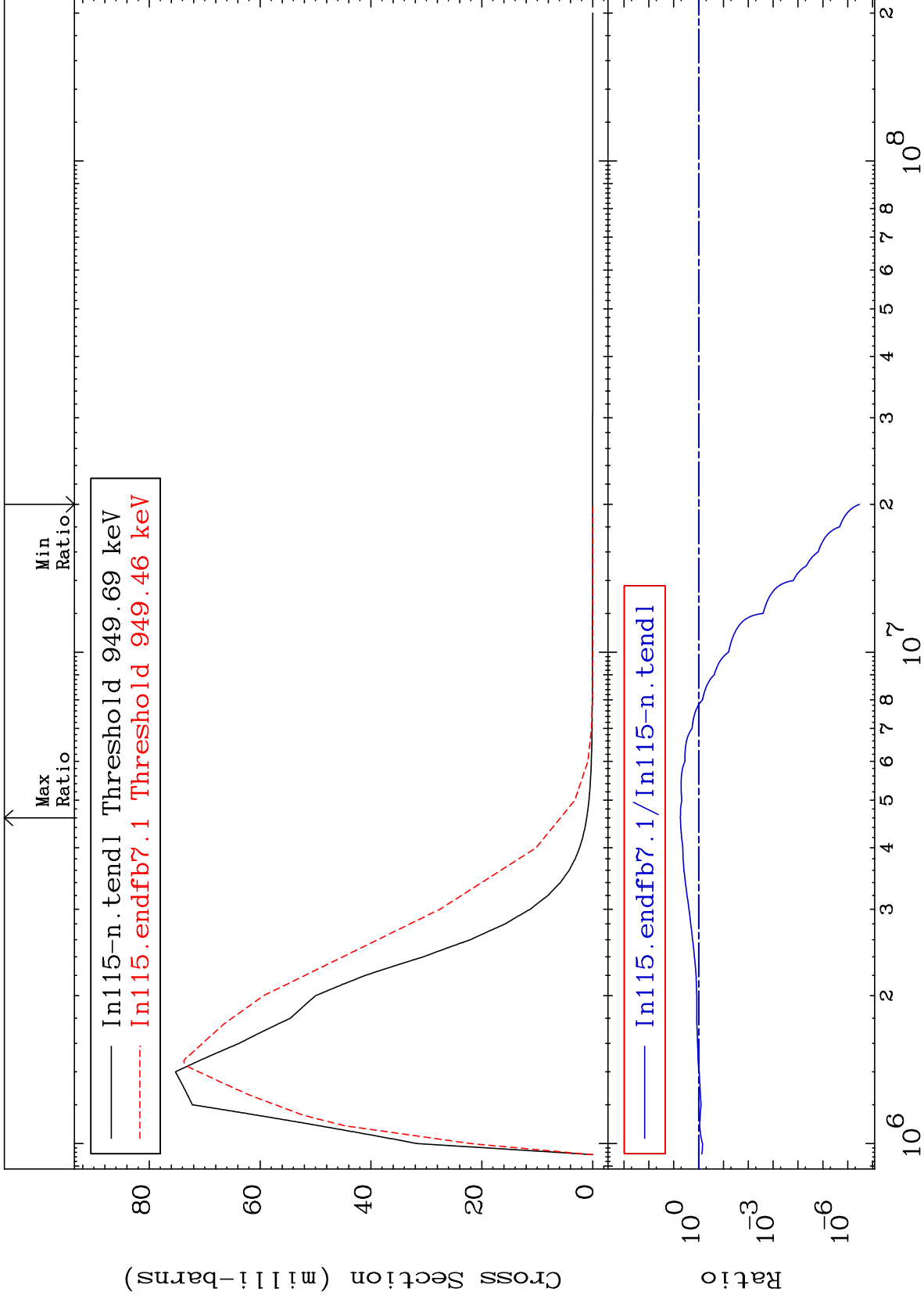
49-In-115

49-In-115

MAT 4931

941.4 keV (n,n') Level  
Cross Section

49-In-115  
-100.0 To 441.3 %



15

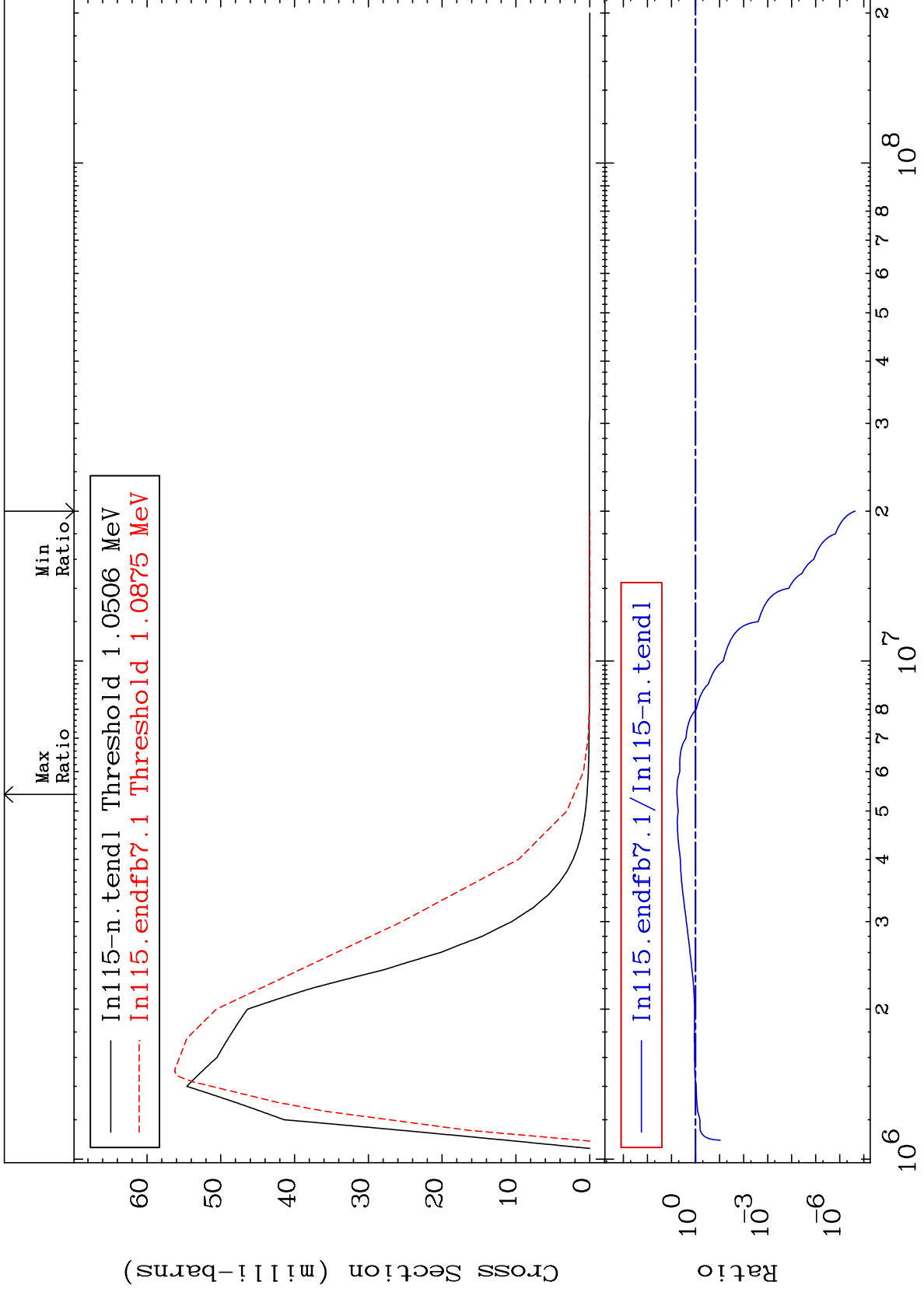
Incident Energy (eV)

49-In-115

MAT 4931

1.041 MeV (n,n') Level  
Cross Section

49-In-115  
-100.0 To 492.7 %



16

Incident Energy (eV)

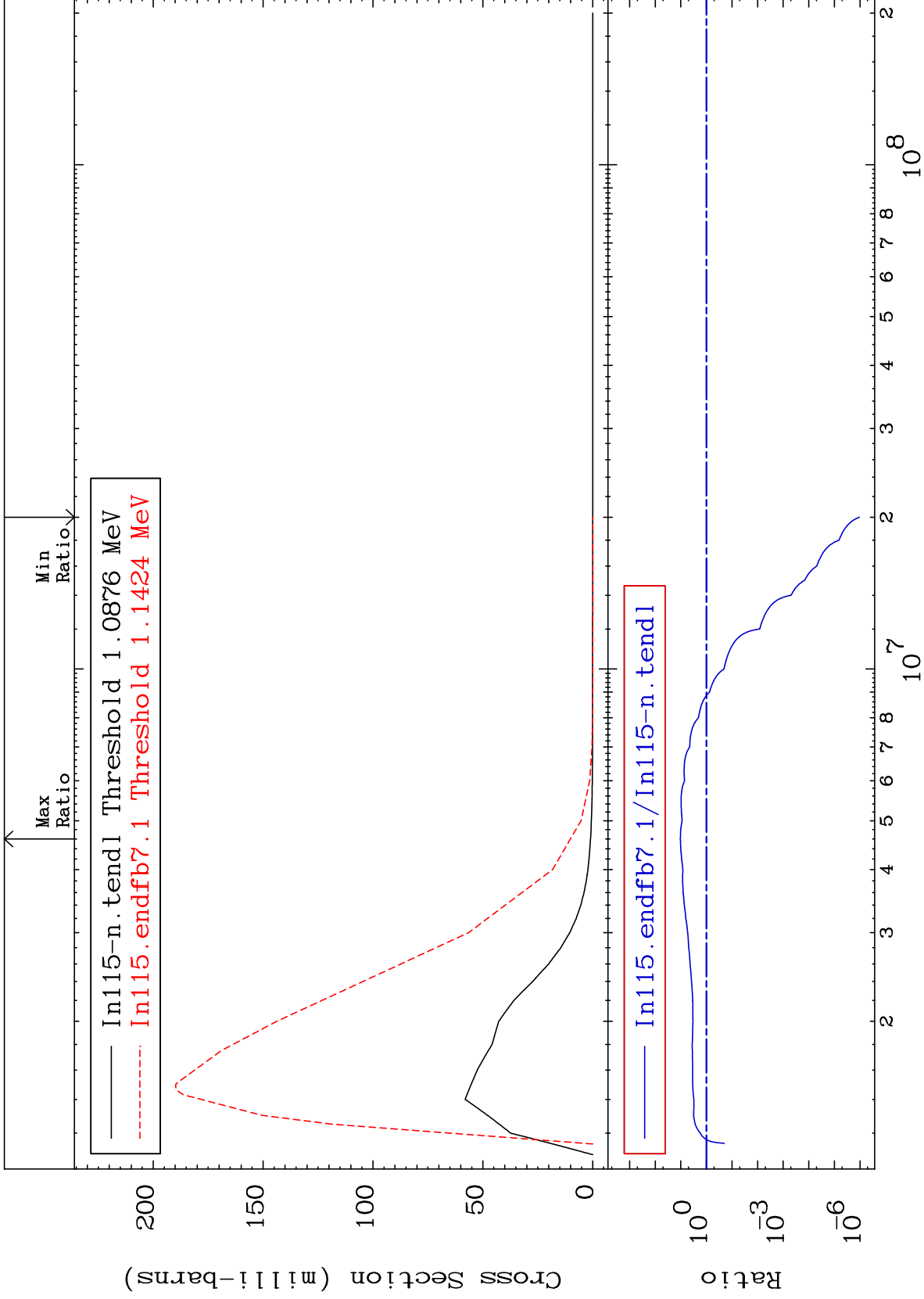
49-In-115



MAT 4931

1.078 MeV (n,n') Level  
Cross Section

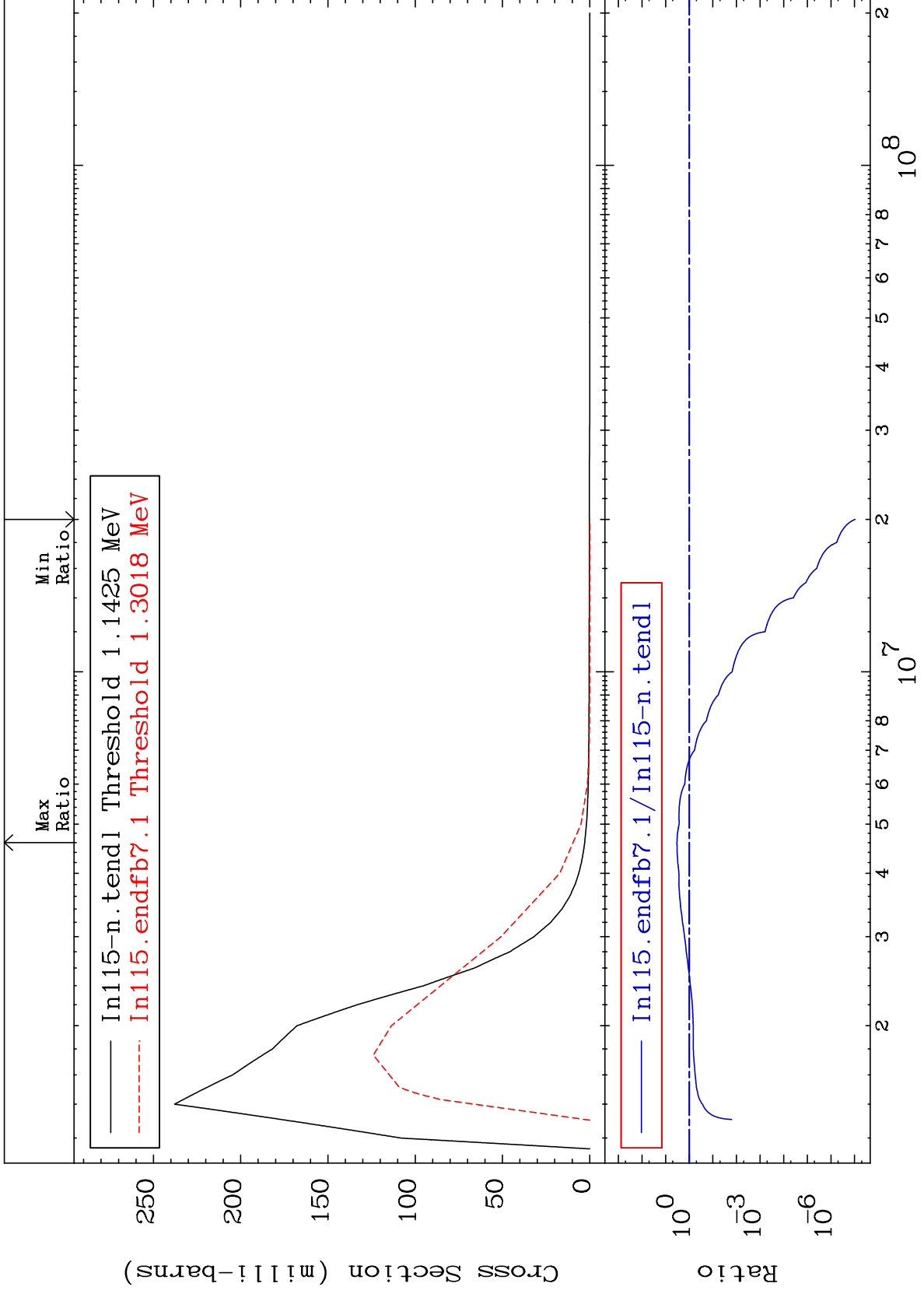
49-In-115  
-100.0 To 942.9 %



MAT 4931

1.133 MeV (n,n') Level  
Cross Section

49-In-115  
-100.0 To 232.6 %



18

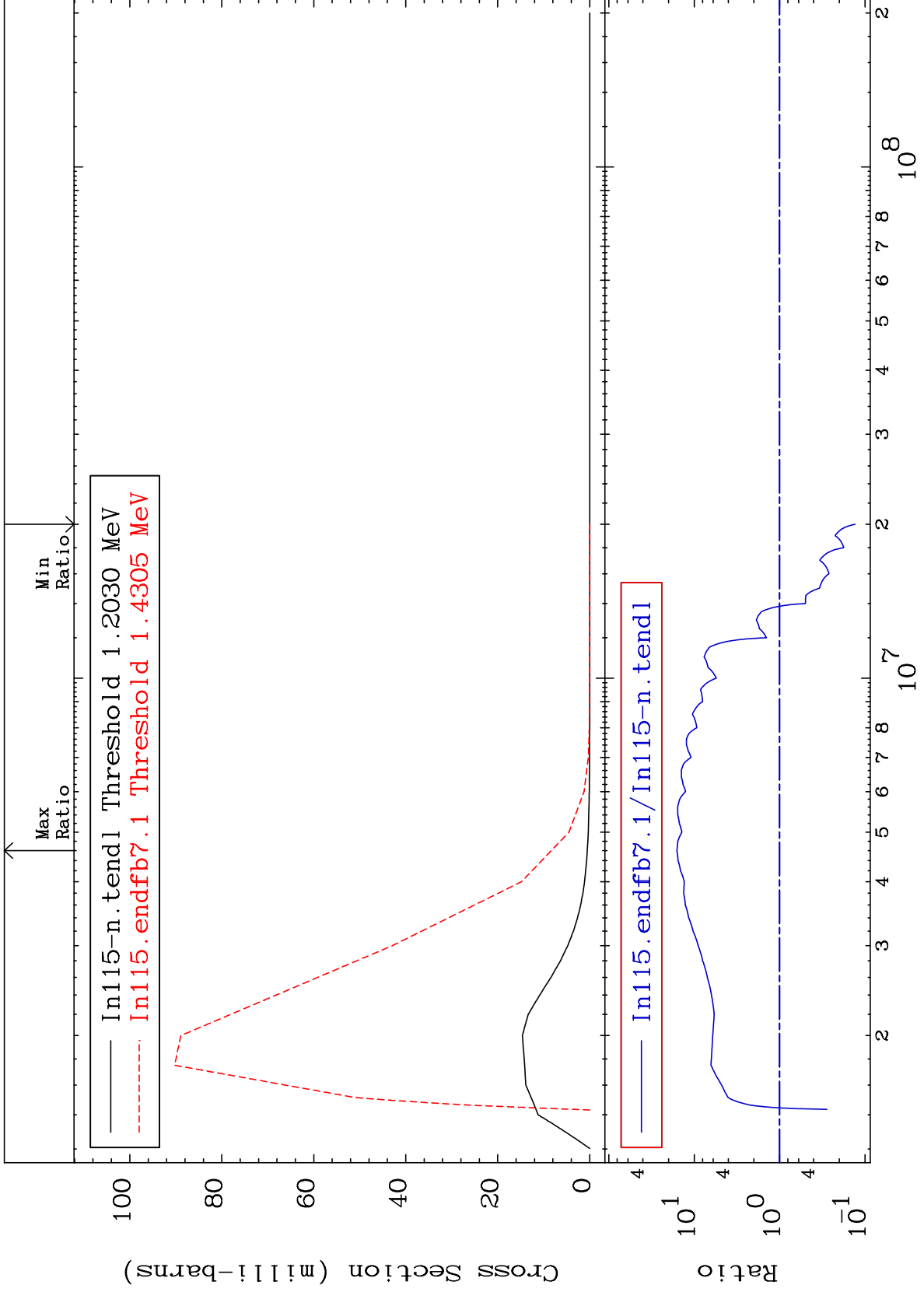
Incident Energy (eV)

49-In-115

MAT 4931

1.192 MeV (n,n') Level  
Cross Section

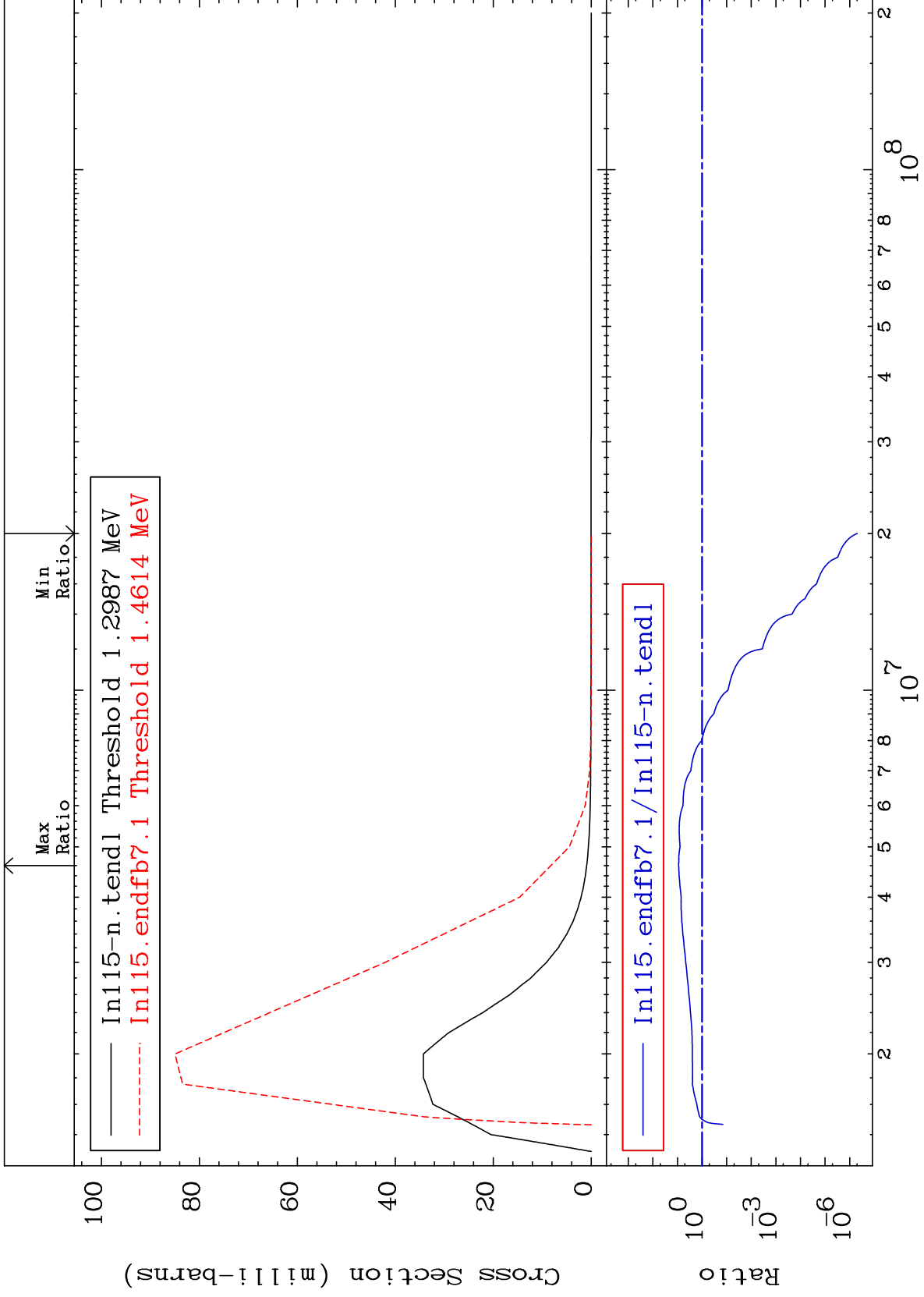
49-In-115  
-86.94 To 1496. %



MAT 4931

1.287 MeV (n,n') Level  
Cross Section

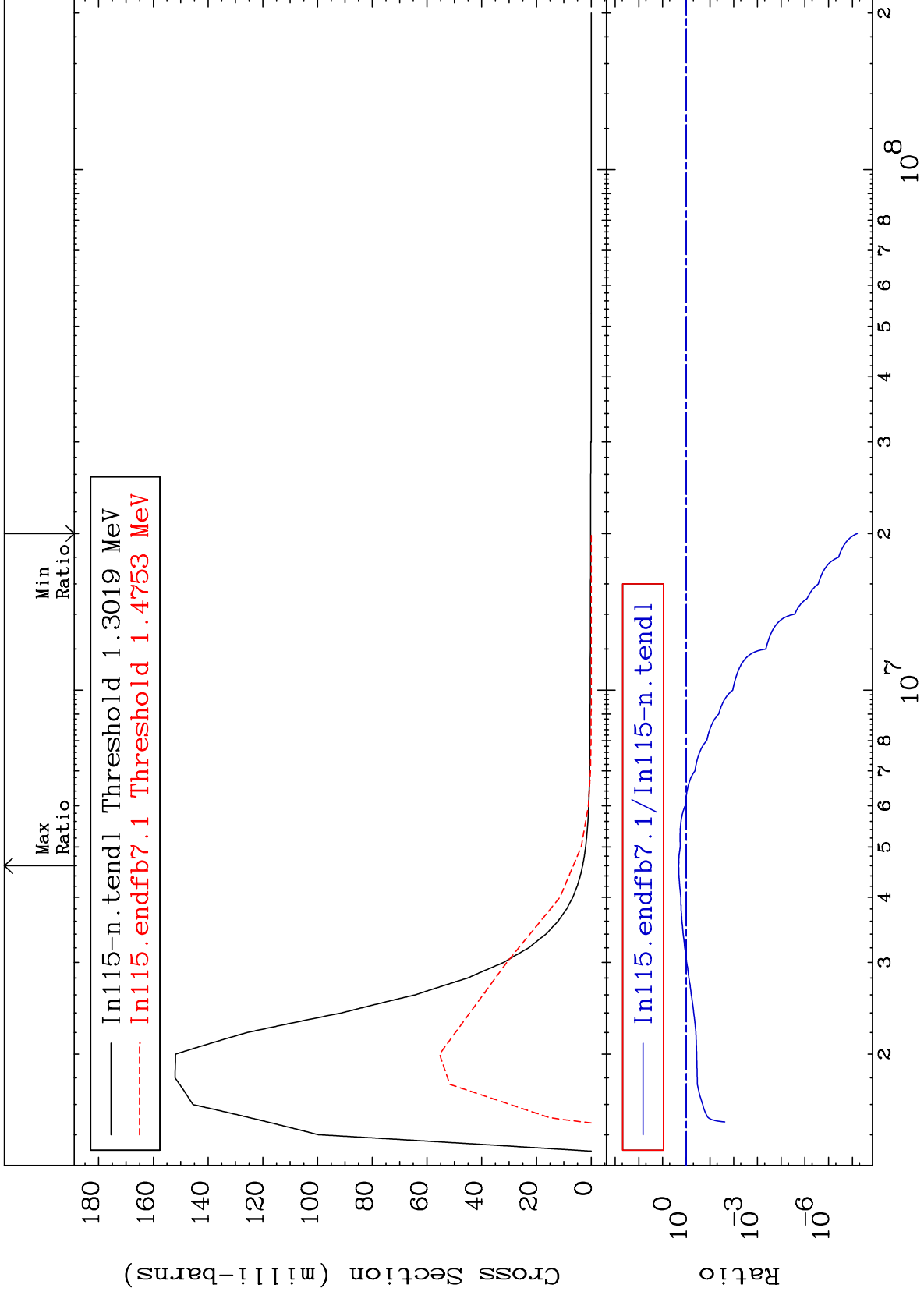
49-In-115  
-100.0 To 796.7 %



MAT 4931

1.291 MeV (n,n') Level  
Cross Section

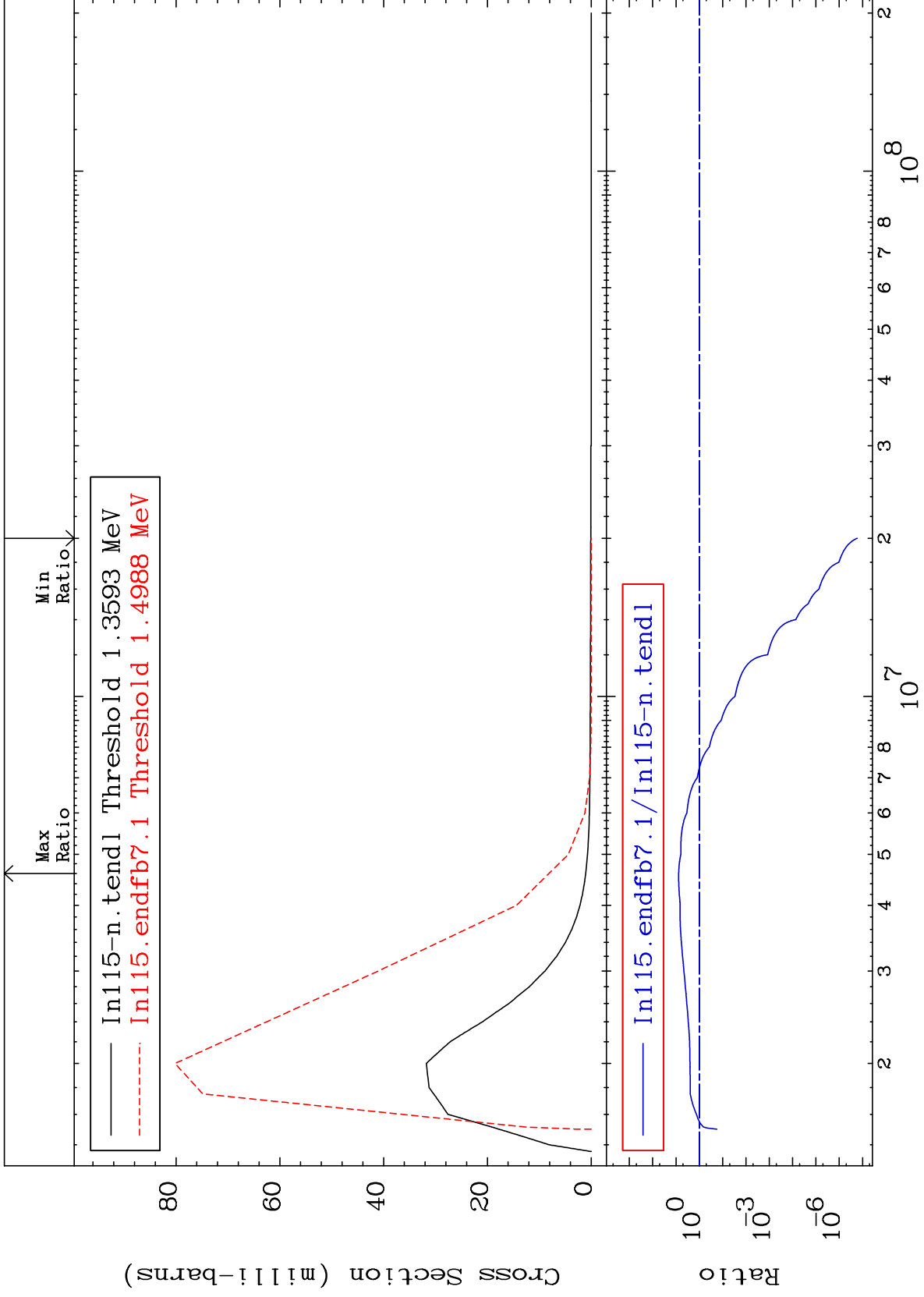
49-In-115  
-100.0 To 109.6 %

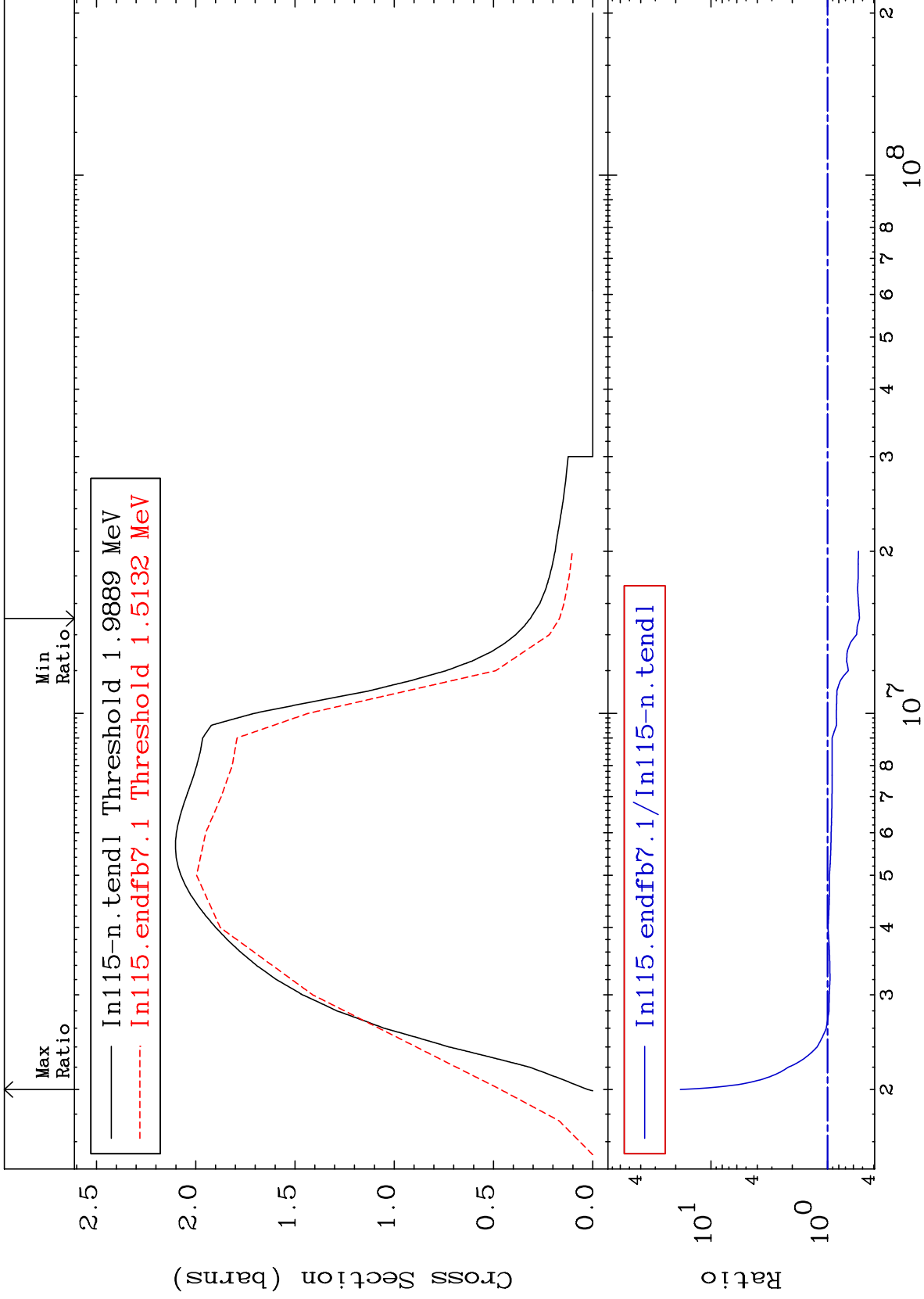


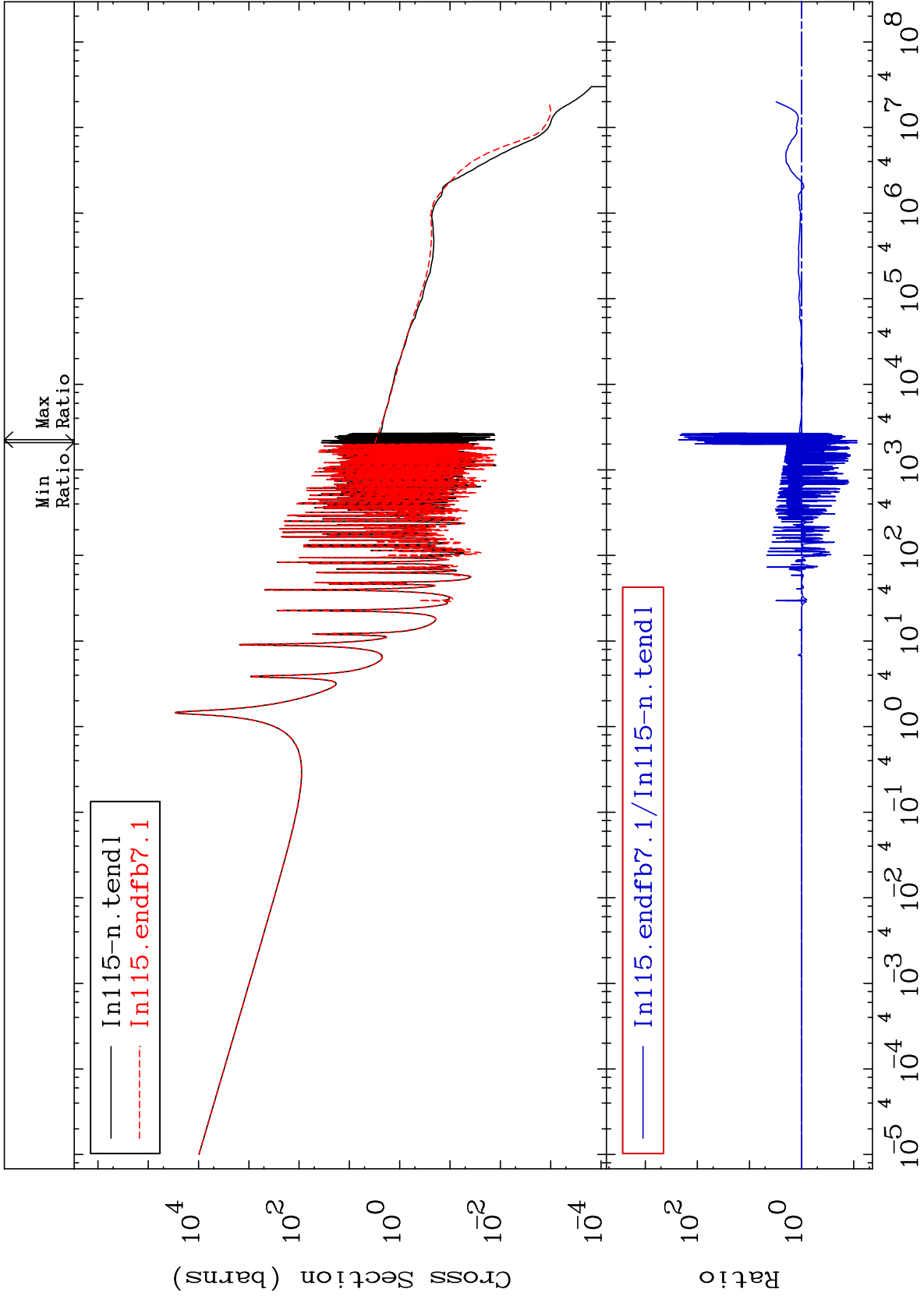
MAT 4931

1.348 MeV (n,n') Level  
Cross Section

49-In-115  
-100.0 To 671.5 %







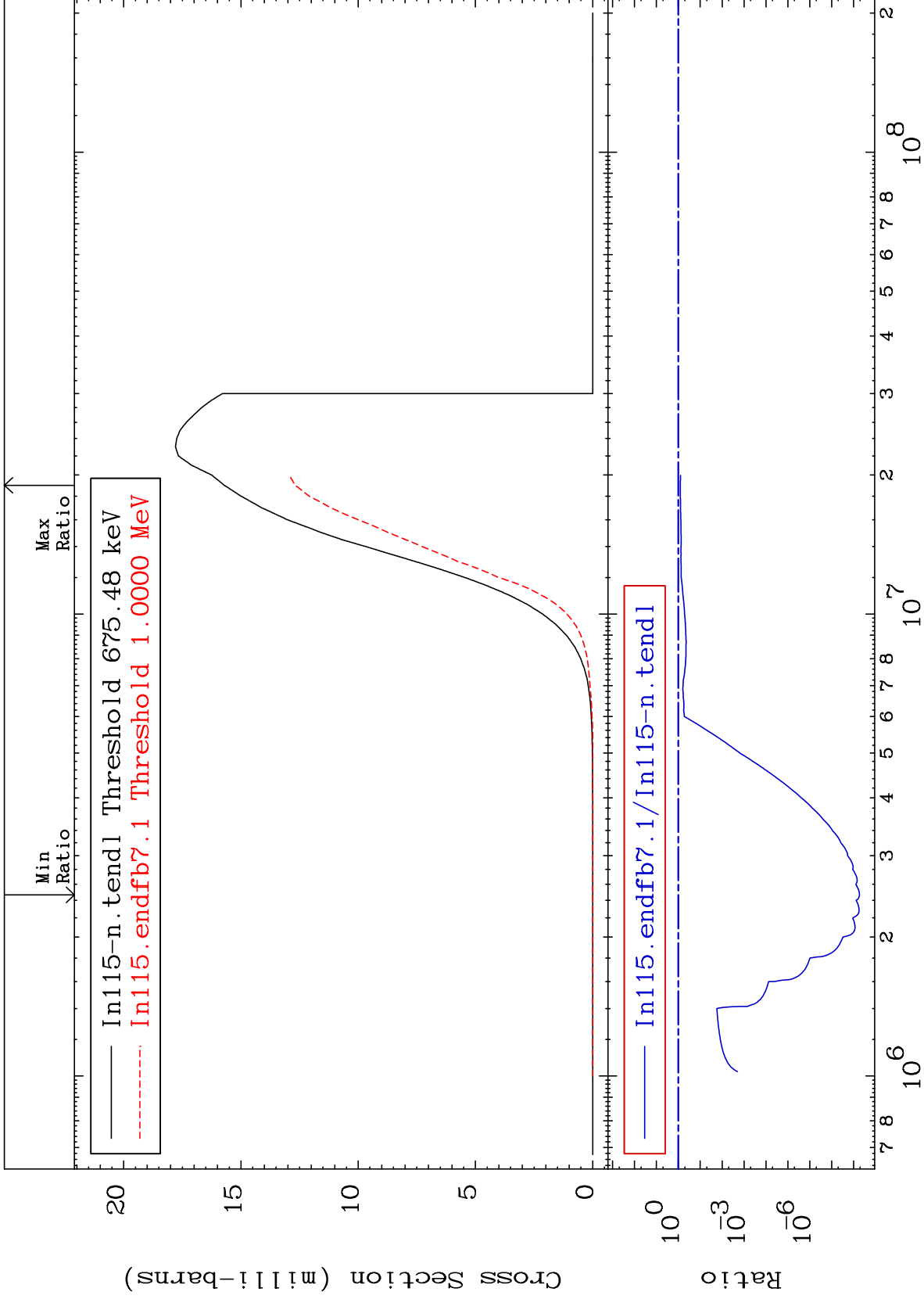


MAT 4931

49-In-115

-100.0 To -19.24%

(n,p)  
Cross Section



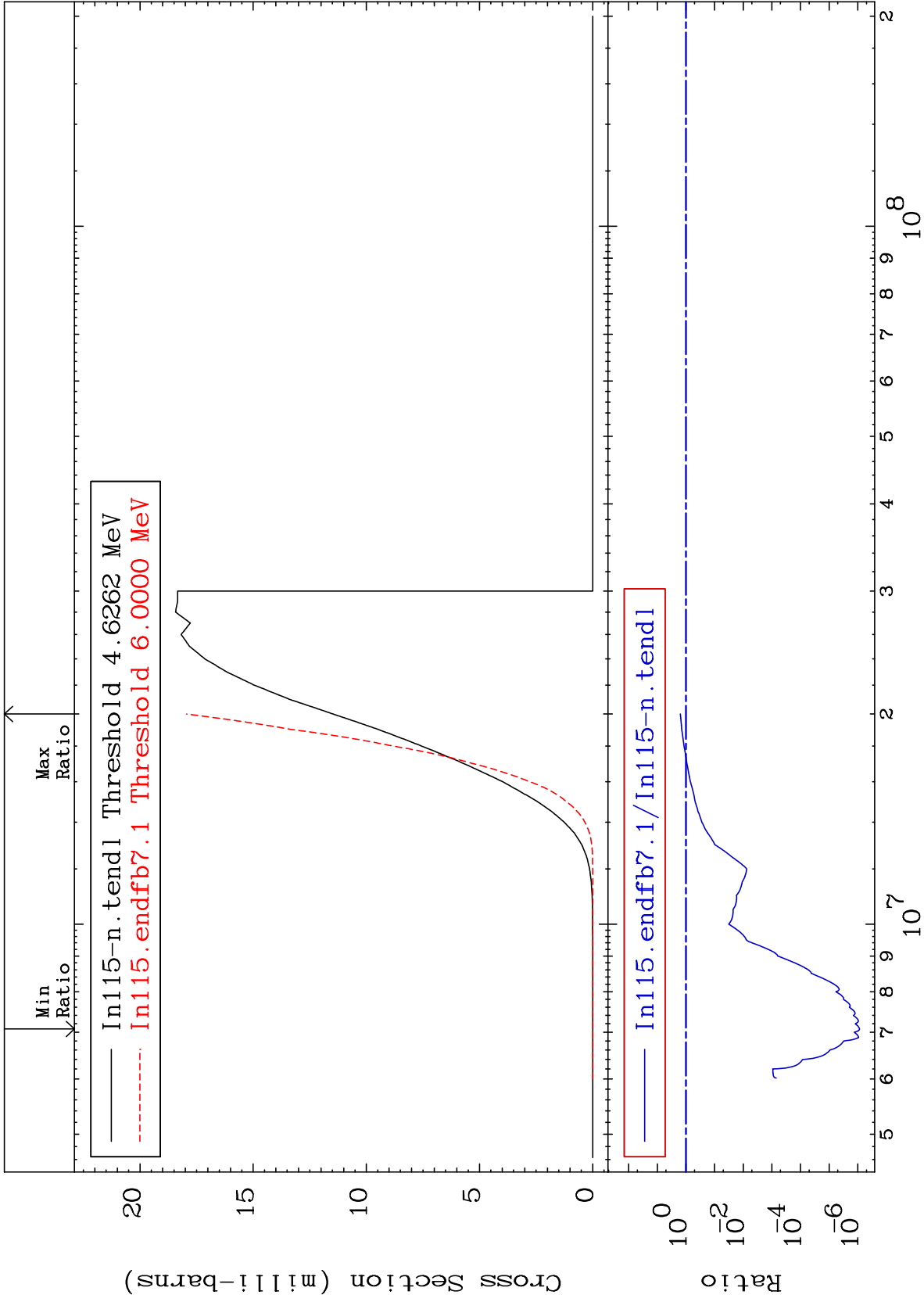
25

Incident Energy (eV)

49-In-115

Cross Section

-100.0 To 56.42 %



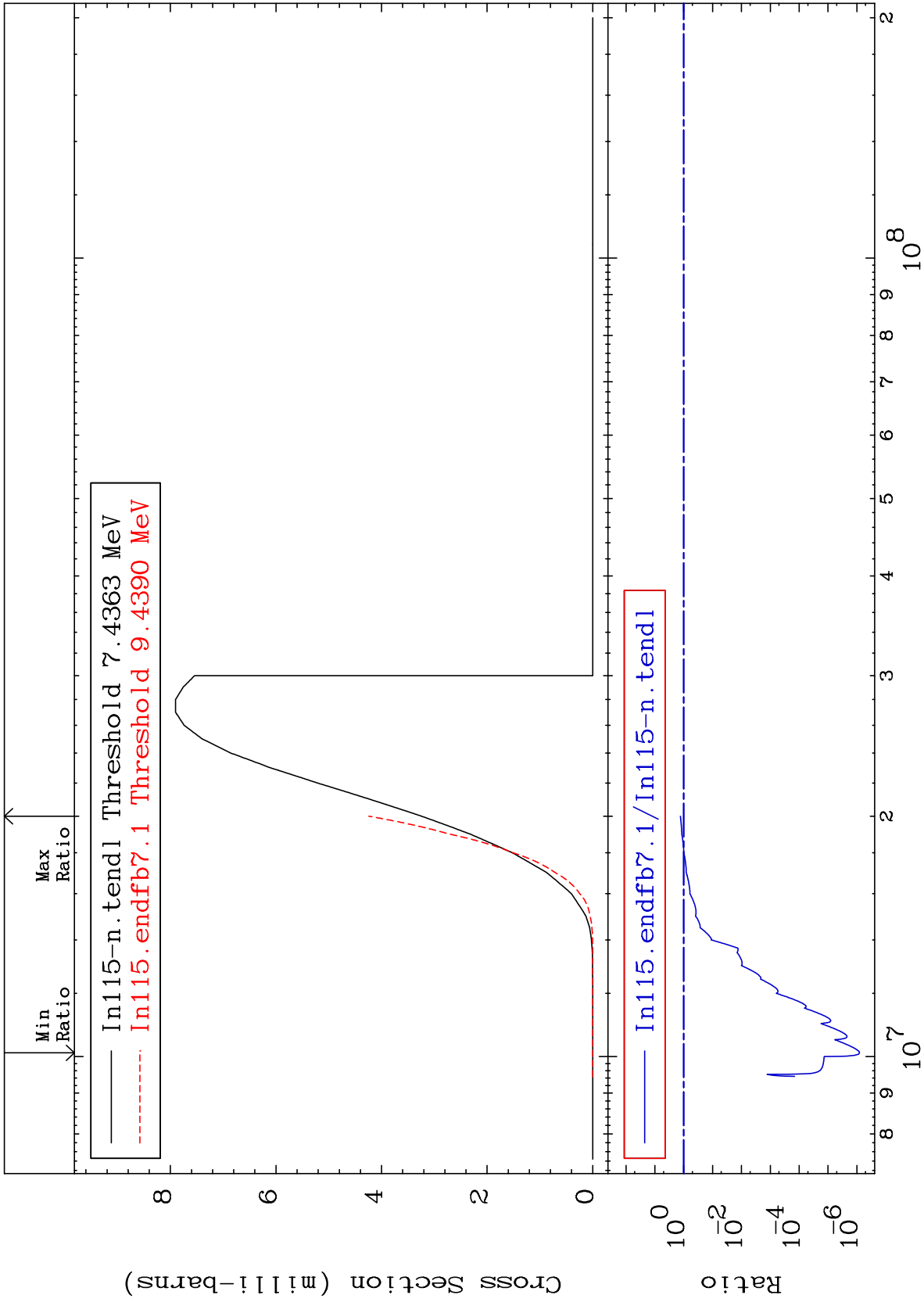
MAT 4931

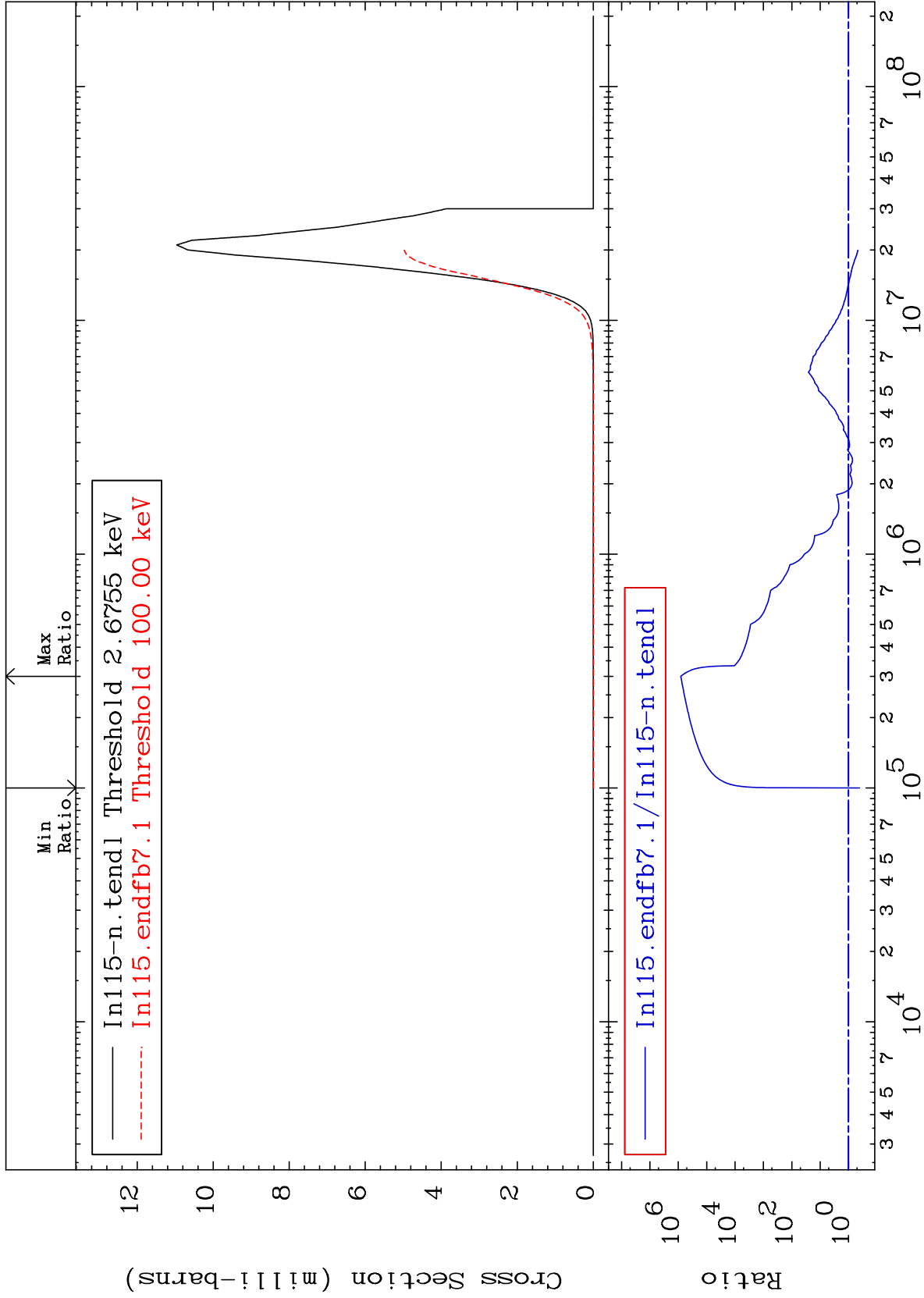
(n, t)

49-In-115

Cross Section

-100.0 To 30.88 %

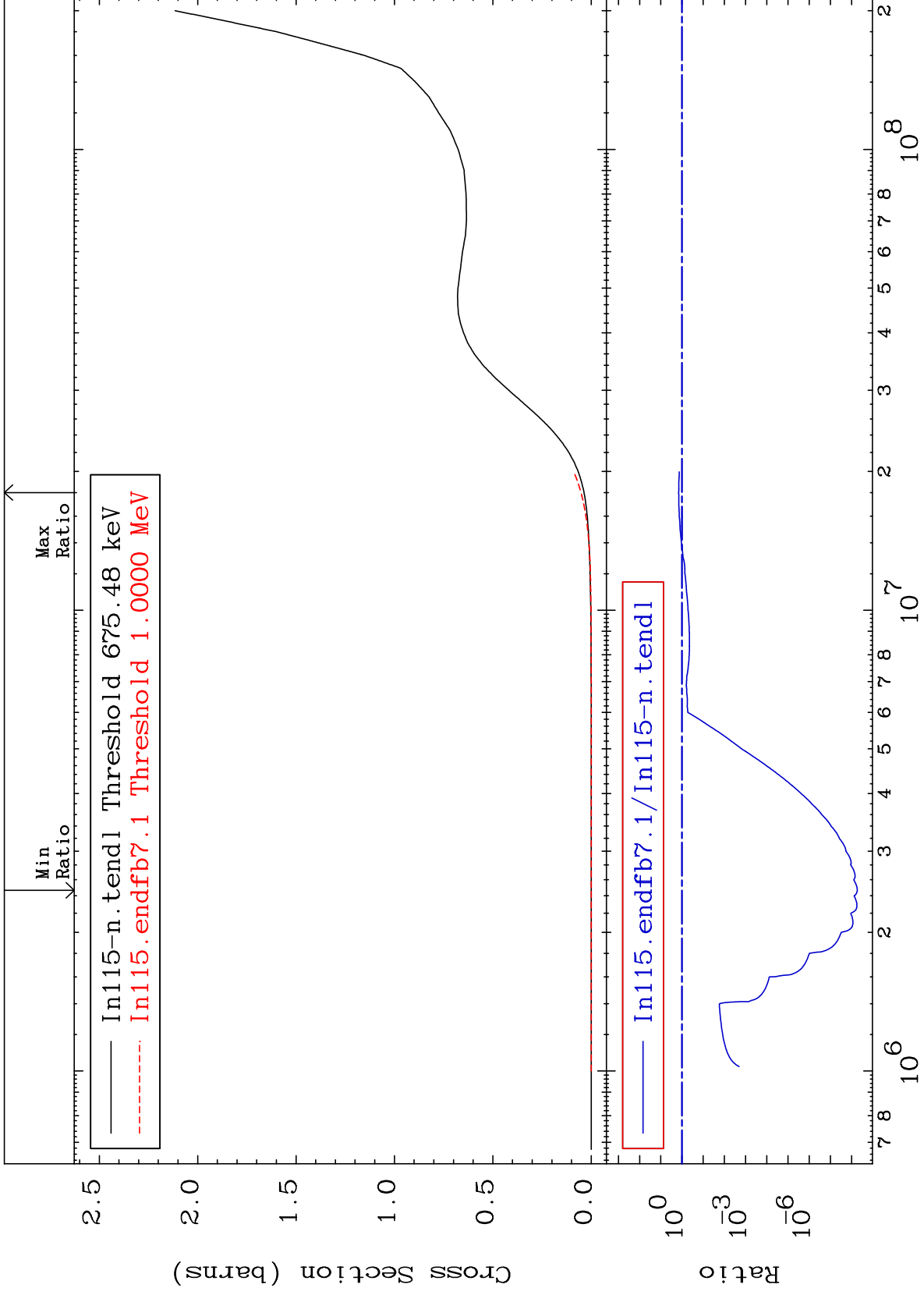




MAT 4931

Hydrogen Production  
Cross Section

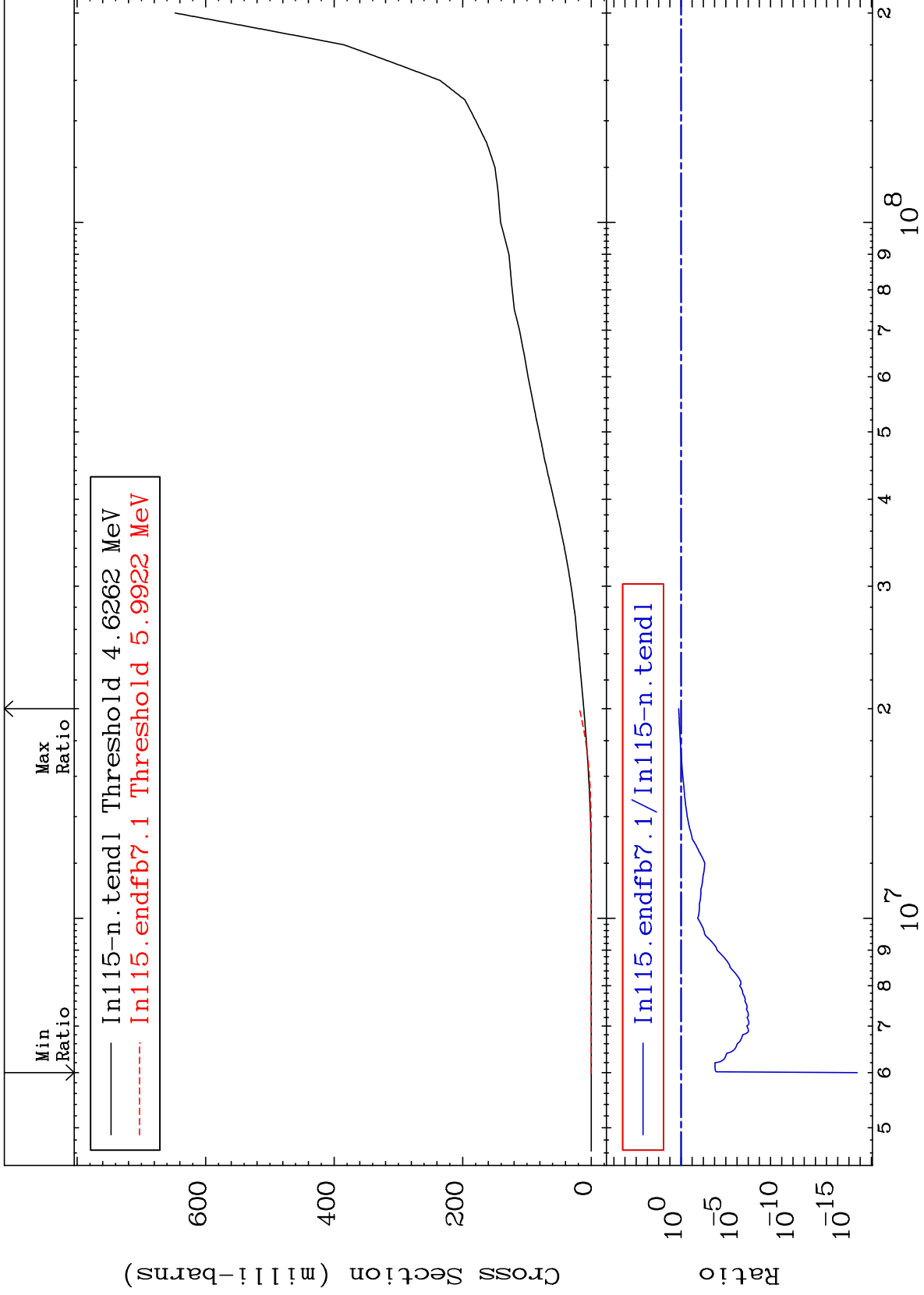
49-In-115  
-100.0 To 44.07 %



MAT 4931

Deuterium Production  
Cross Section

49-In-115  
-100.0 To 62.45 %



30

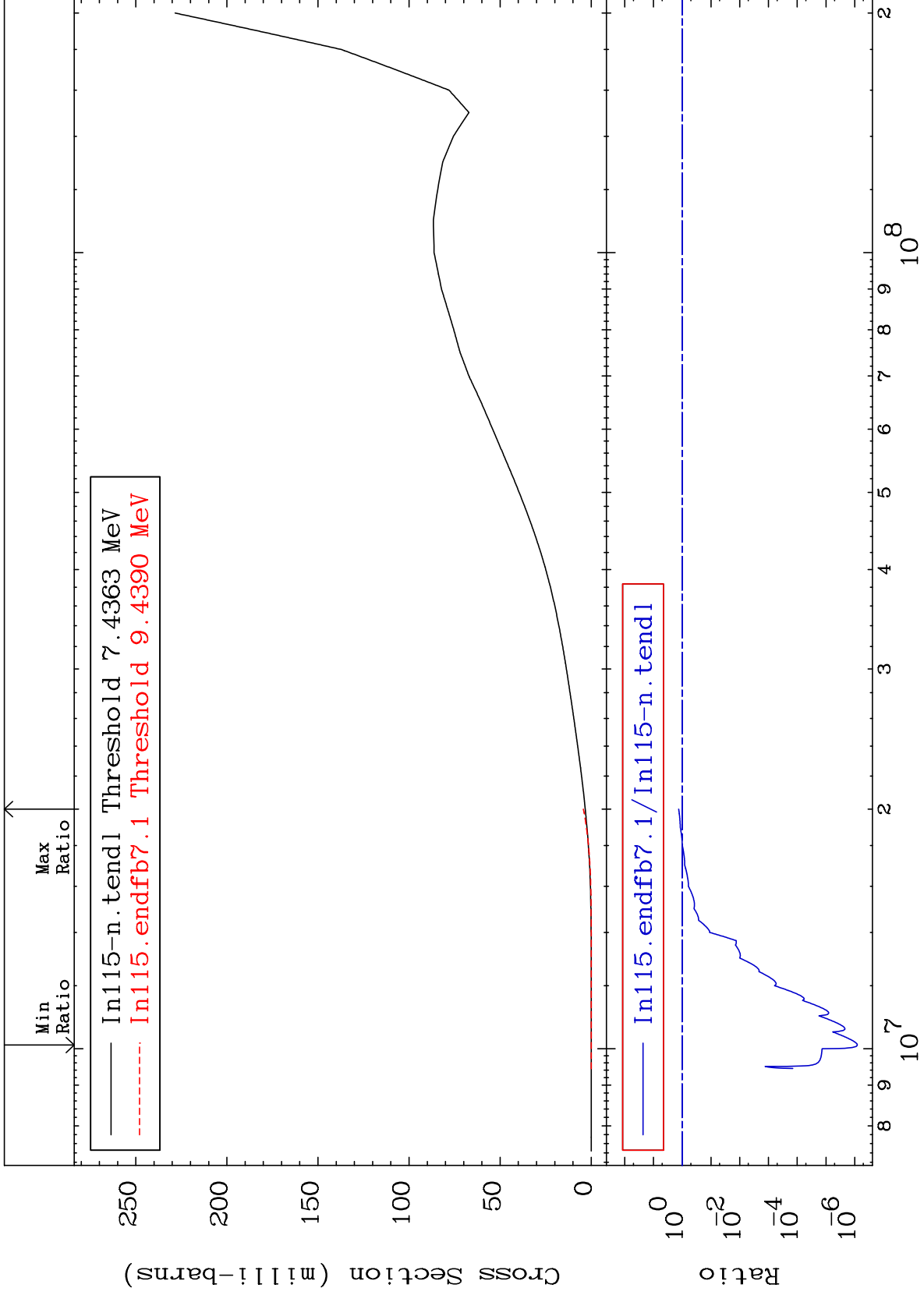
Incident Energy (eV)

49-In-115

MAT 4931

Tritium Production  
Cross Section

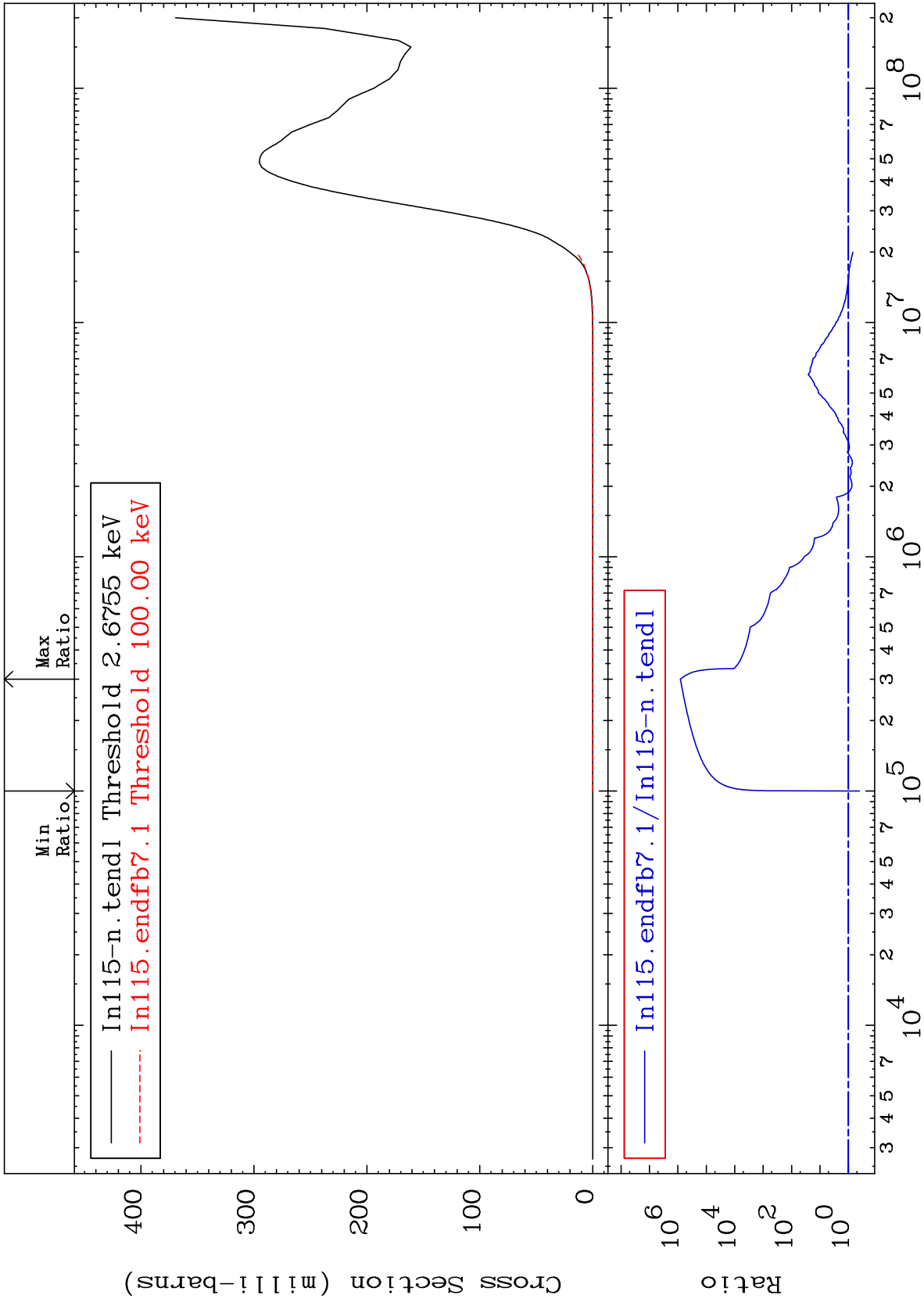
49-In-115  
-100.0 To 33.23 %



MAT 4931

He-4 Production  
Cross Section

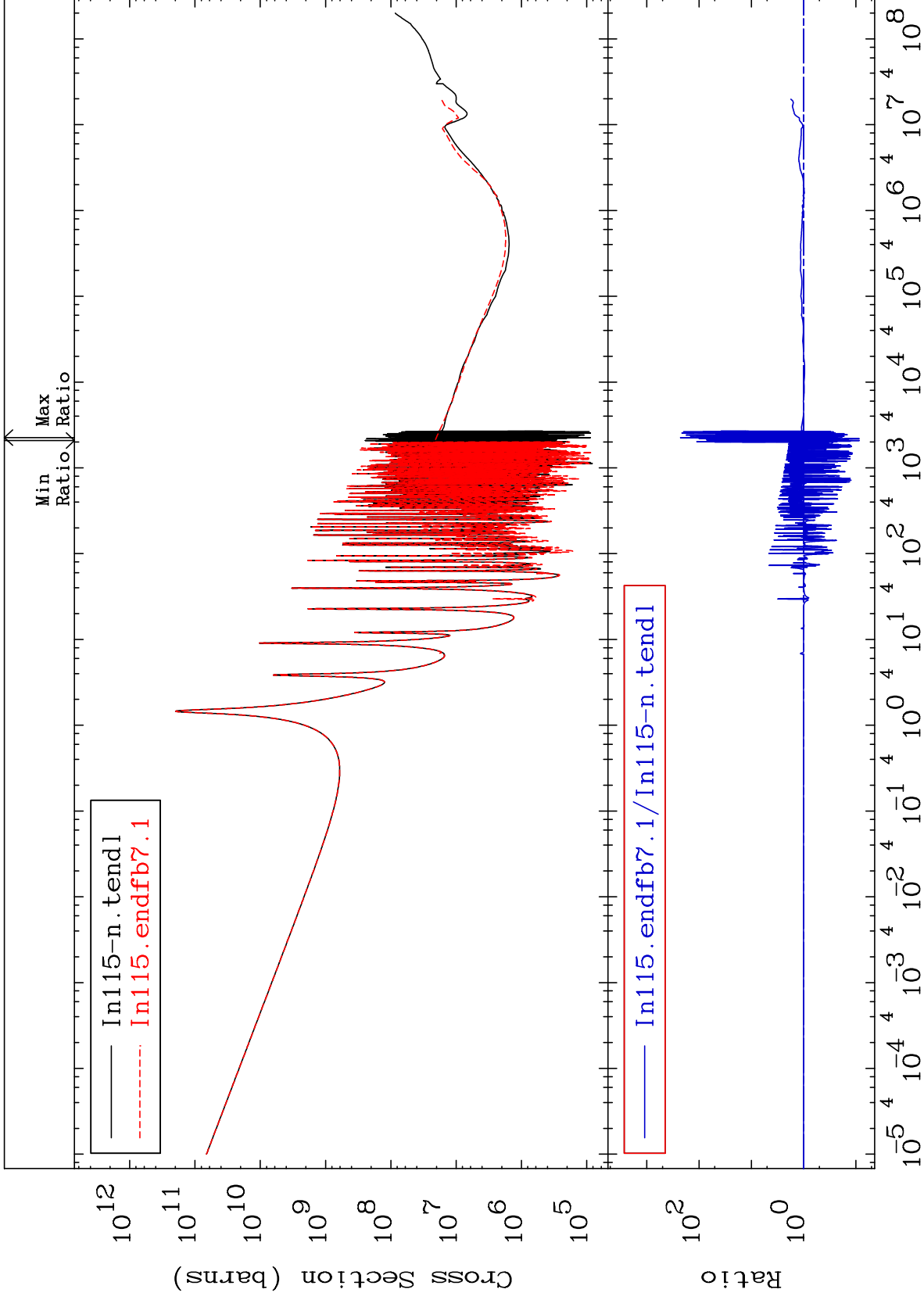
49-In-115  
-59.00 To 9999. %





Cross Section

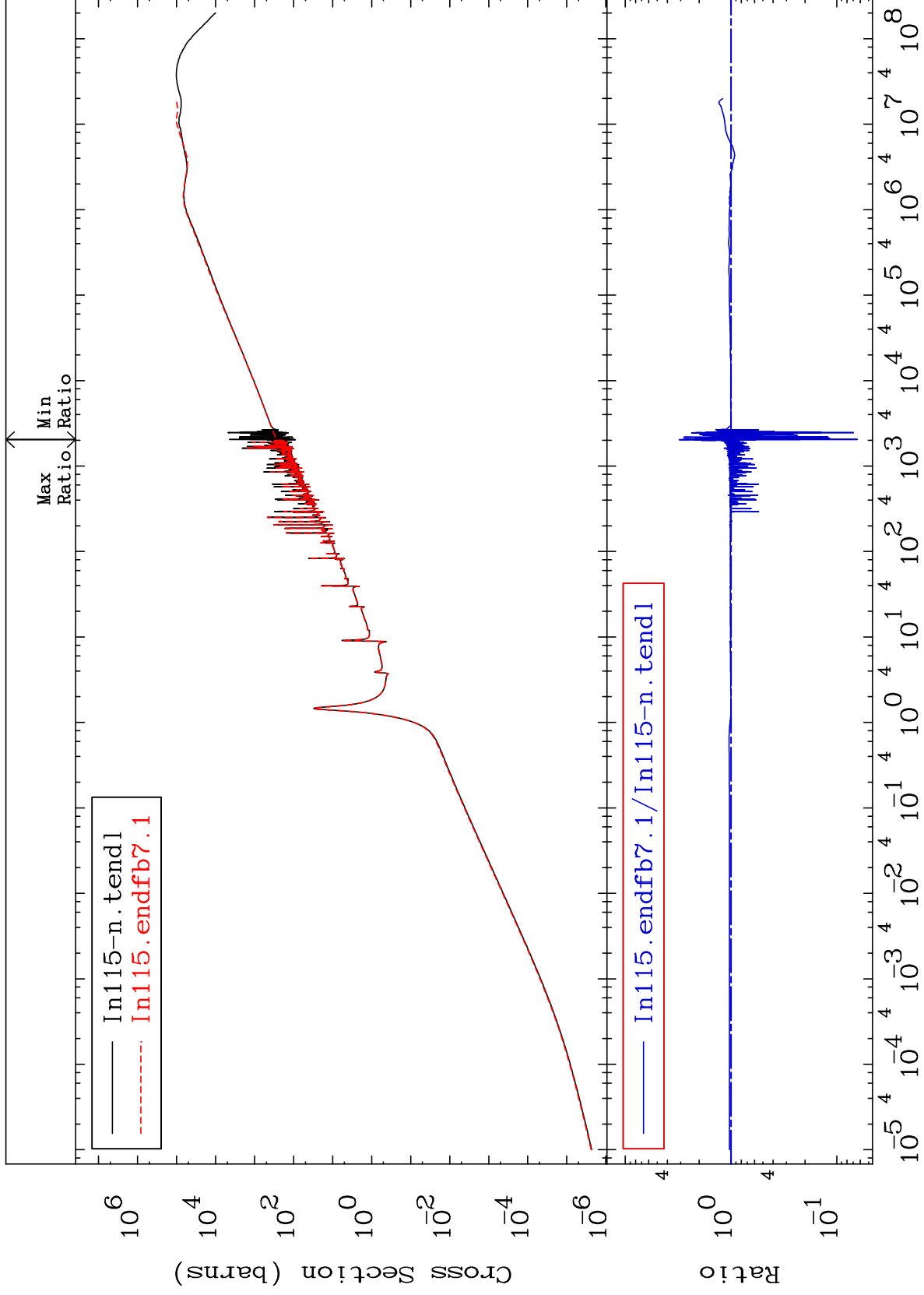
-91.45 To 9999. %

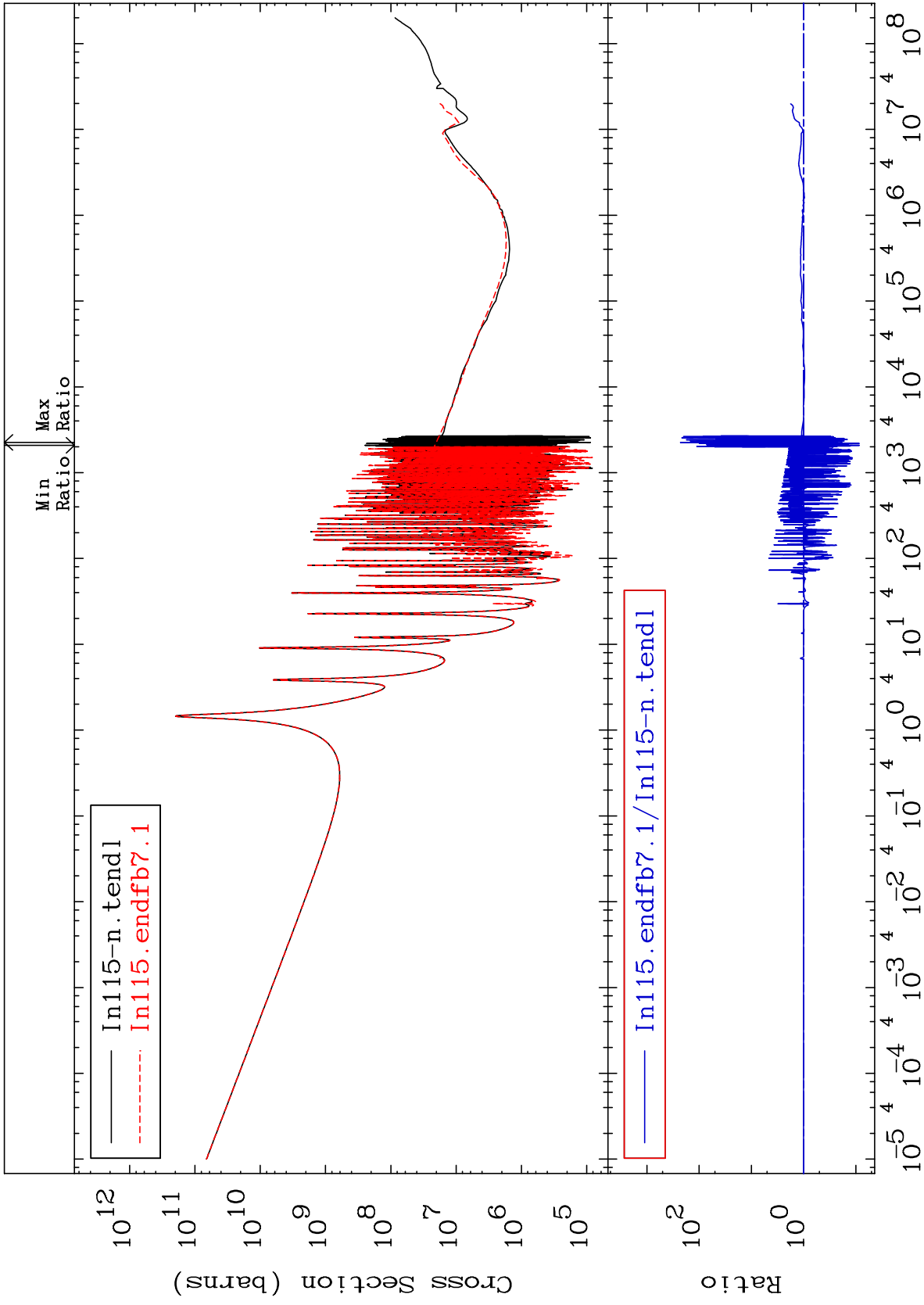


MAT 4931

Kerma elastic  
Cross Section

49-In-115  
-93.61 To 210.1 %

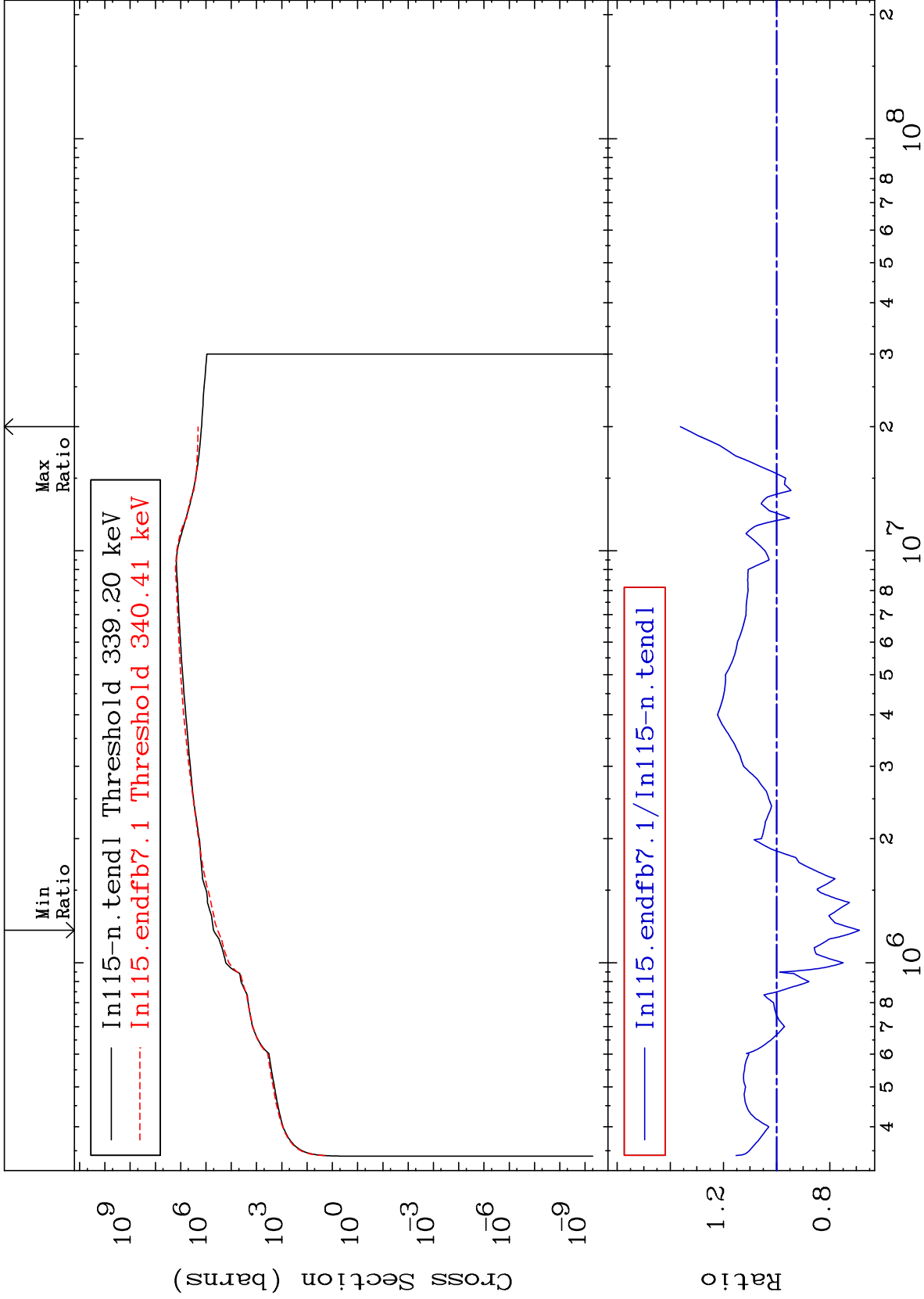




MAT 4931

Kerma inelastic (mt51-91)  
Cross Section

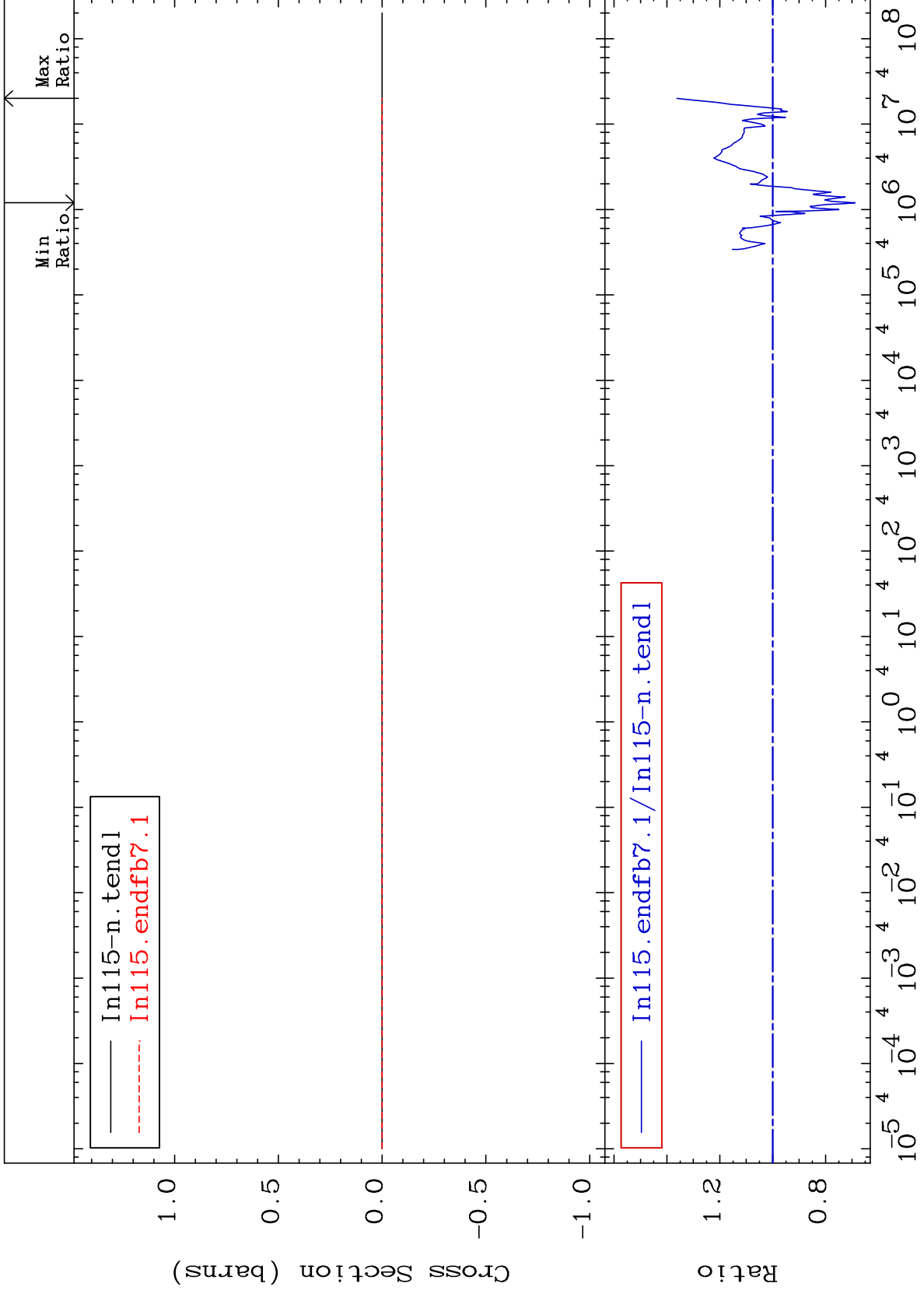
49-In-115  
-31.16 To 36.22 %



MAT 4931

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

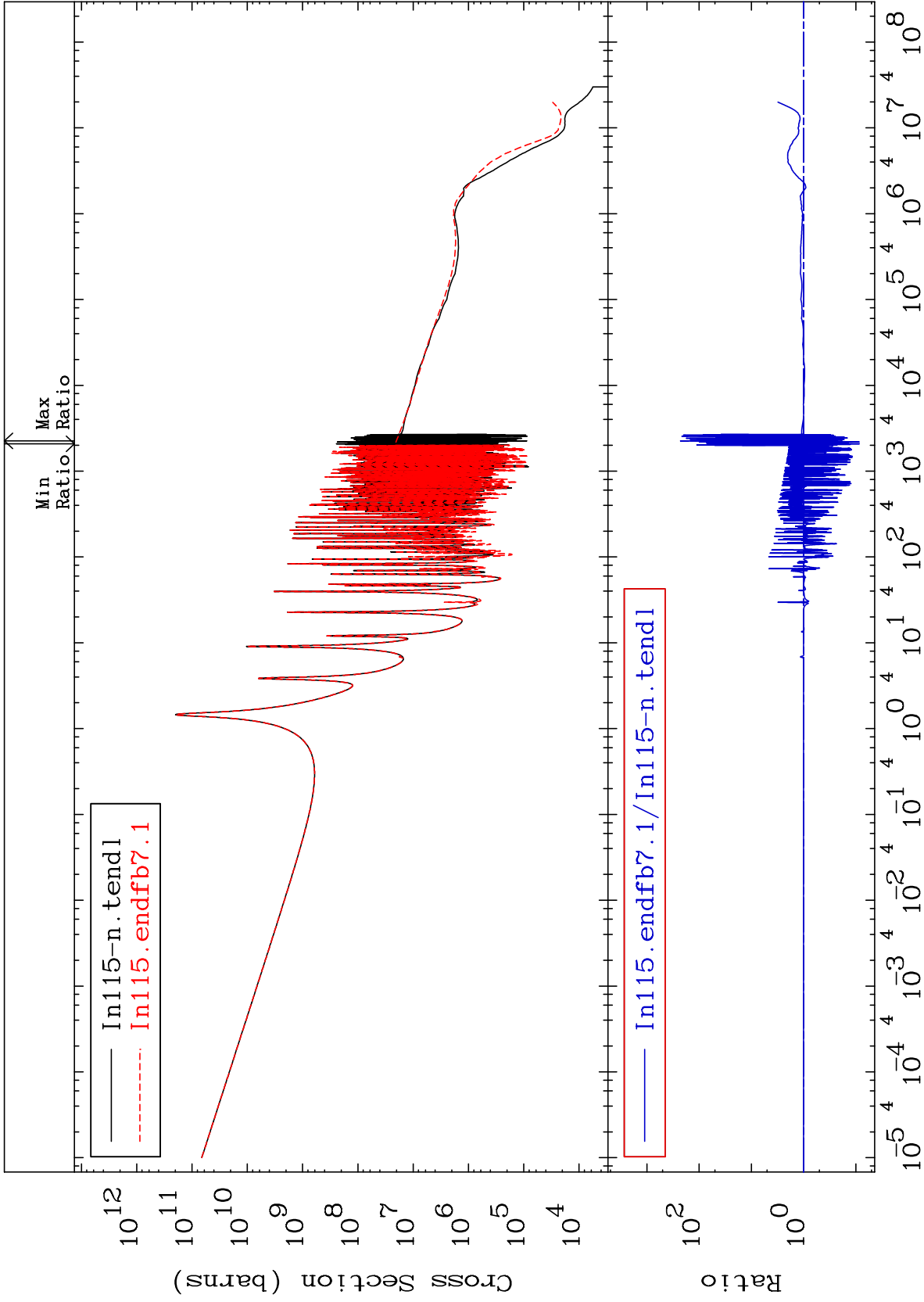
49-In-115  
-31.16 To 36.22 %

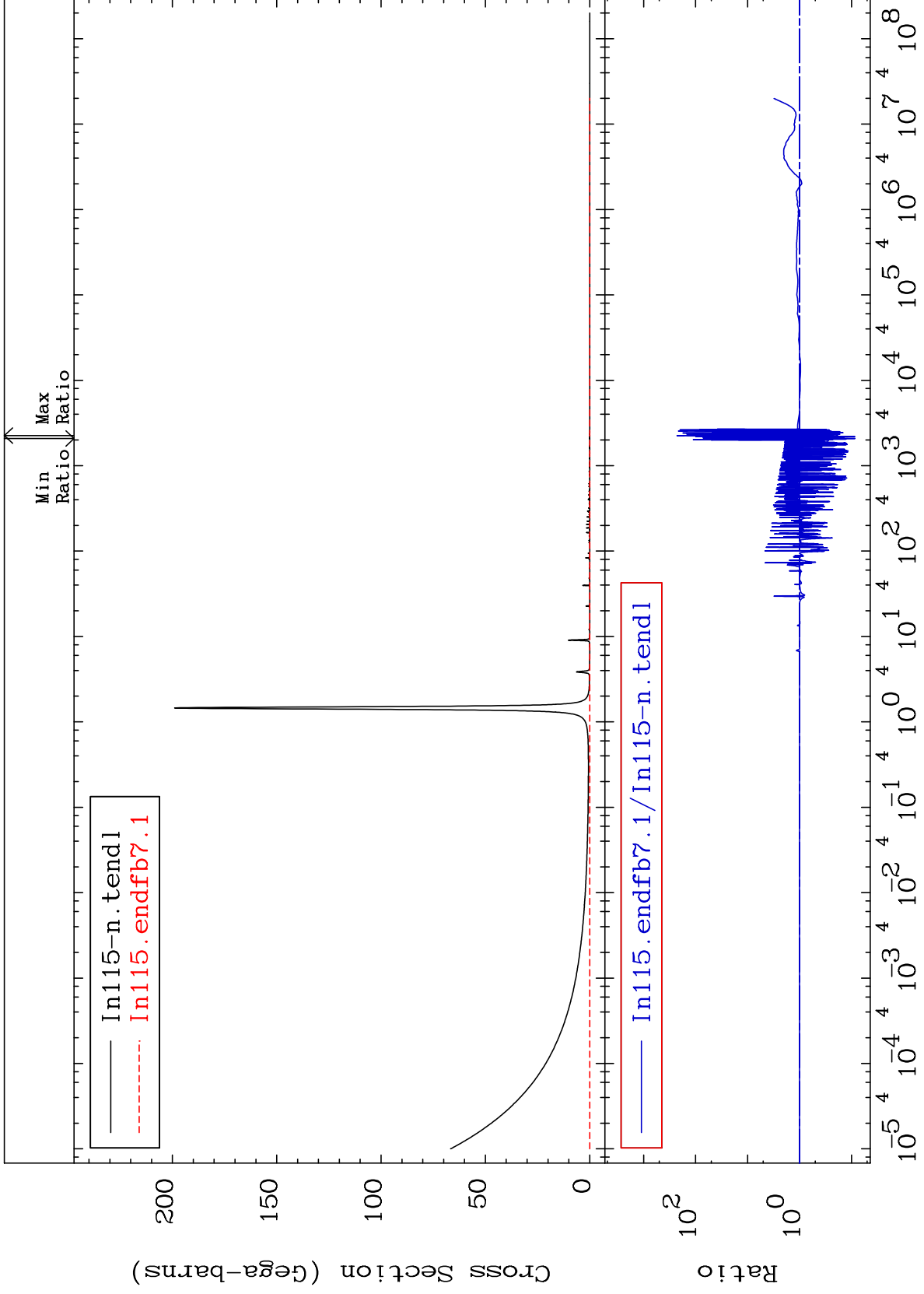


MAT 4931

Kerma capture (mt102)  
Cross Section

49-In-115  
-91.45 To 9999. %

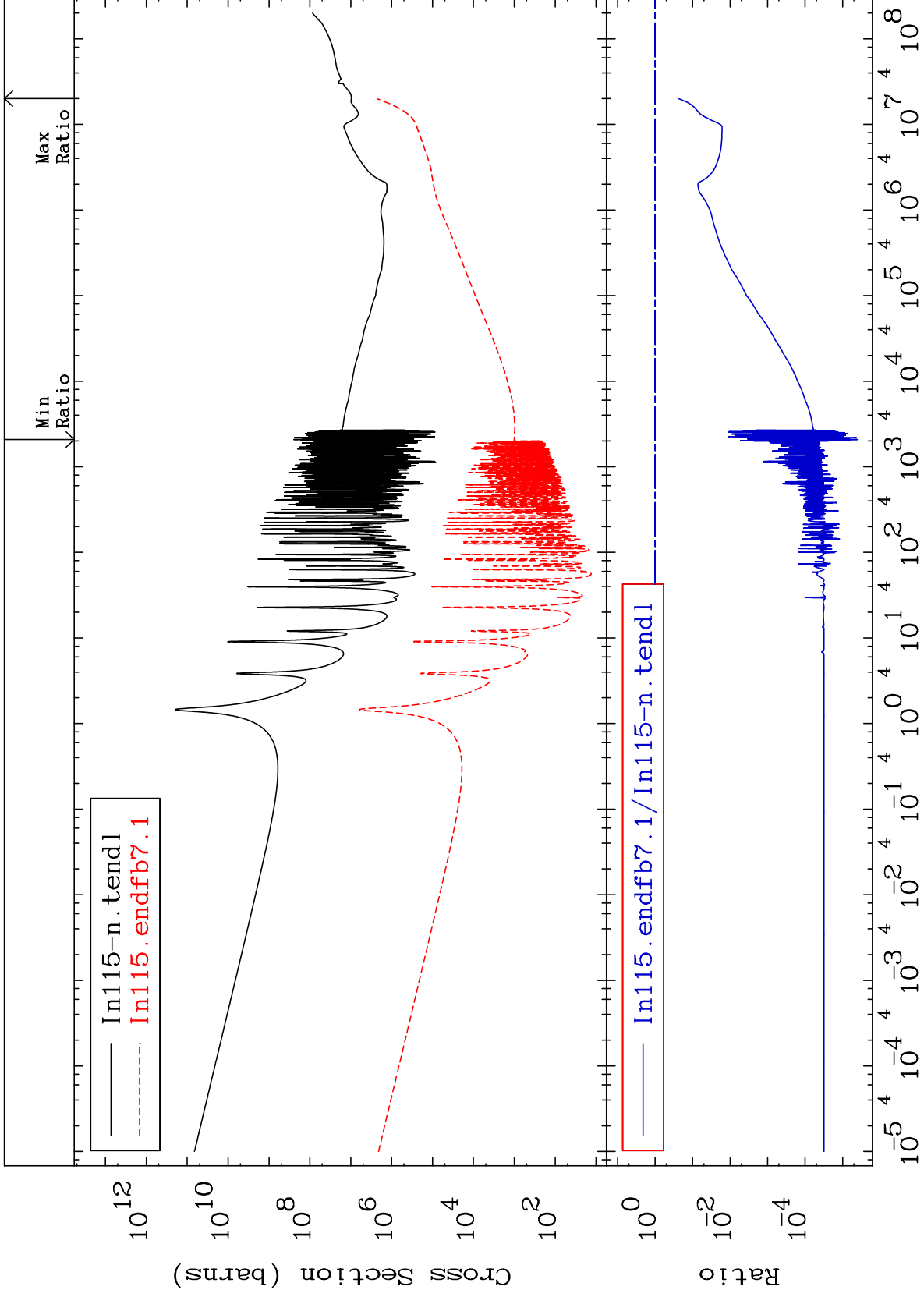




MAT 4931

Total kinematic kerma (high limit)  
Cross Section

49-In-115  
-100.0 To -76.42%



40

Incident Energy (eV)

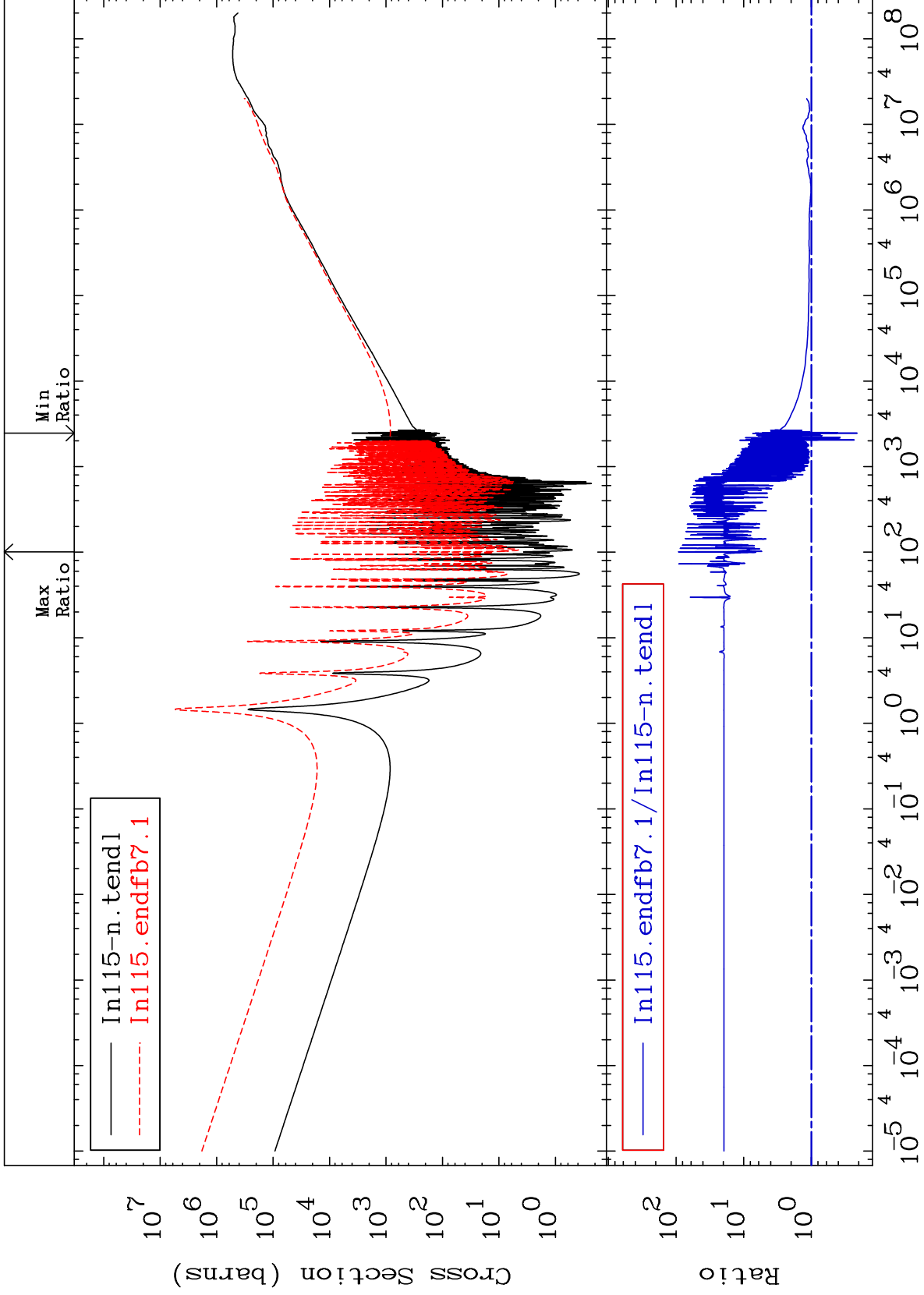
49-In-115



MAT 4931

Dpa total (eV-barns)  
Cross Section

49-In-115  
-78.99 To 9043. %



41

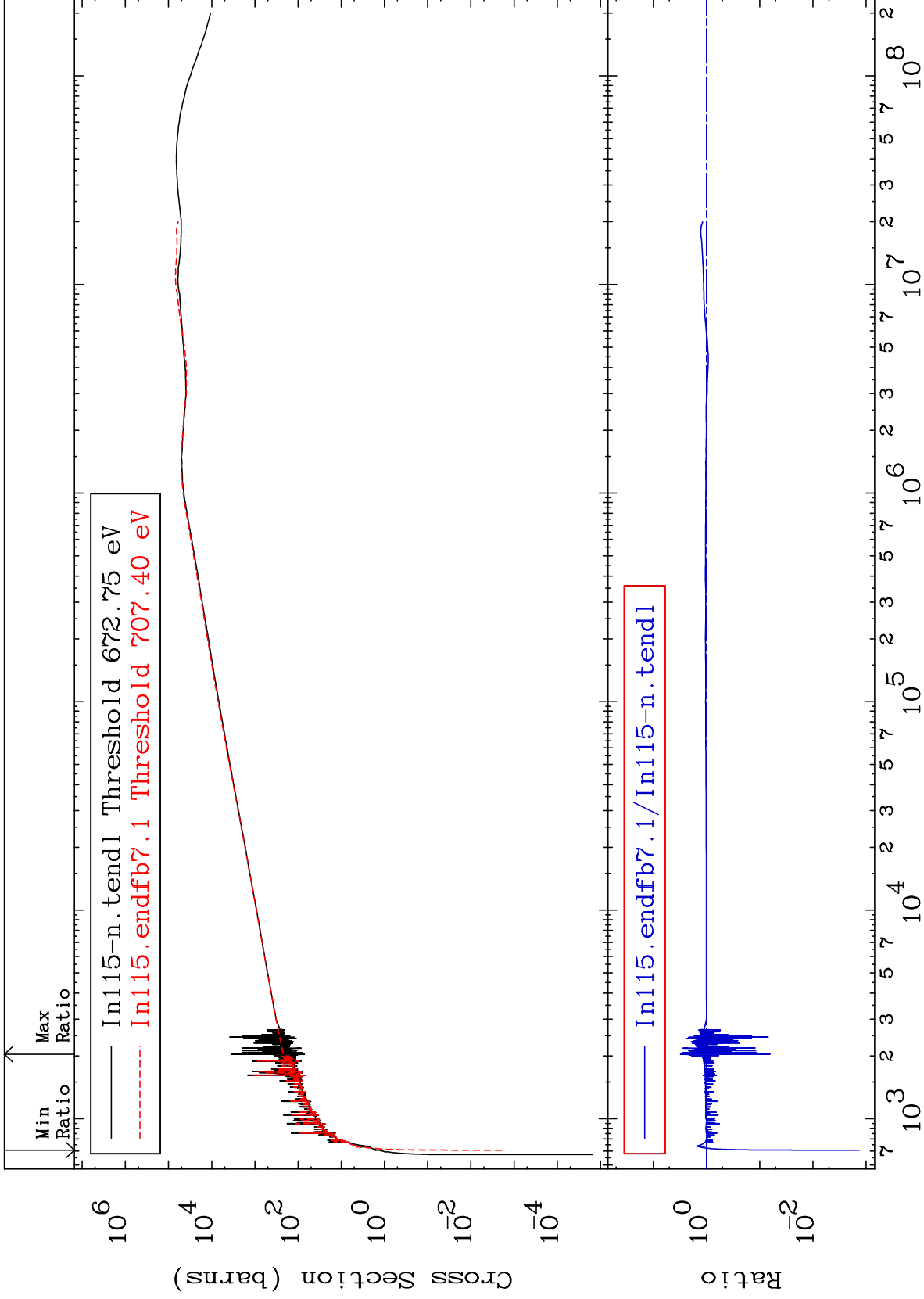
Incident Energy (eV)

49-In-115

MAT 4931

Dpa elastic (mt2)  
Cross Section

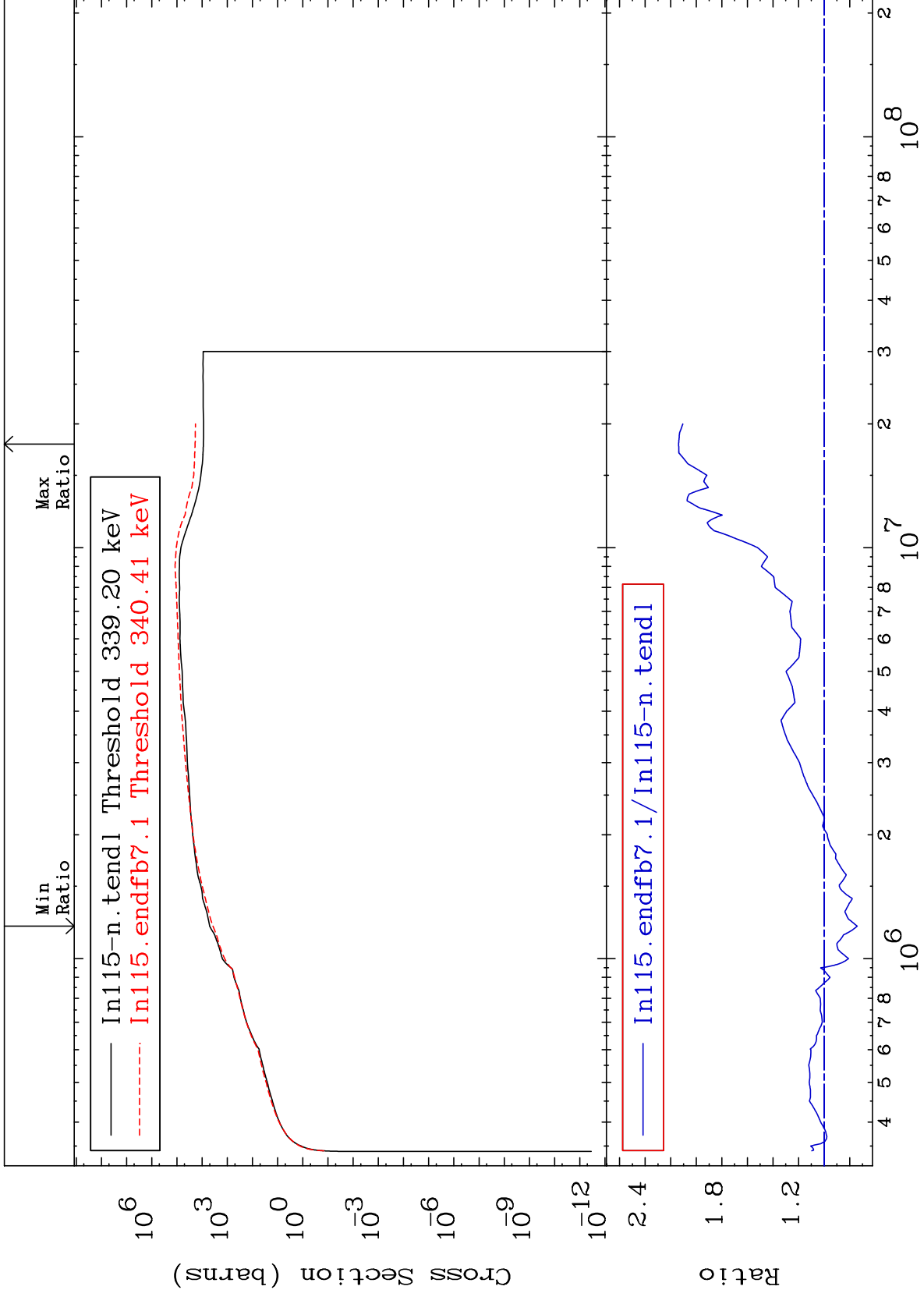
49-In-115  
-99.87 To 210.3 %



MAT 4931

Dpa inelastic (mt51-91)  
Cross Section

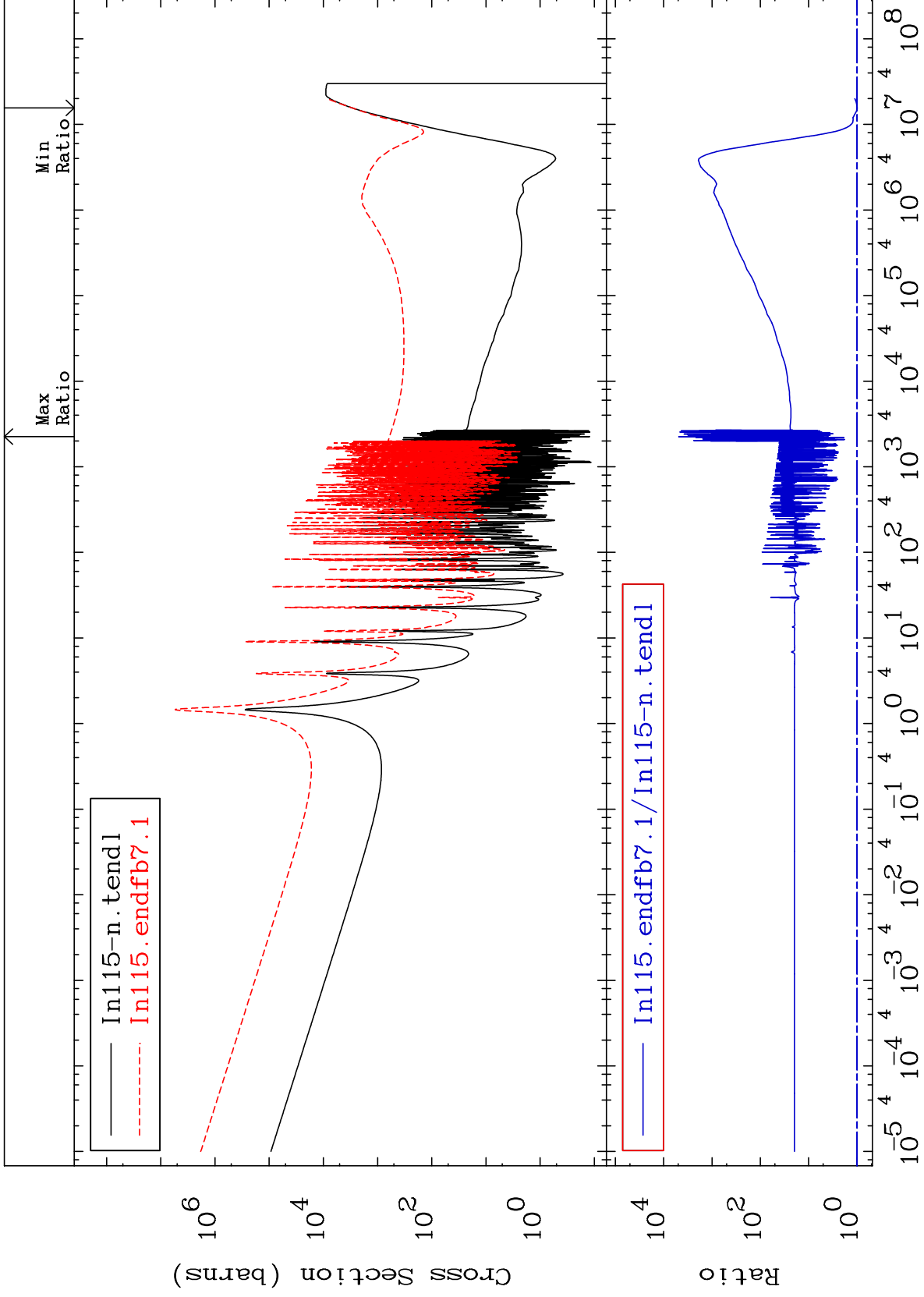
49-In-115  
-25.89 To 113.8 %



MAT 4931

Dpa disappearance (mt102 -120)  
Cross Section

49-In-115  
-1.185 To 9999. %



44

Incident Energy (eV)

49-In-115