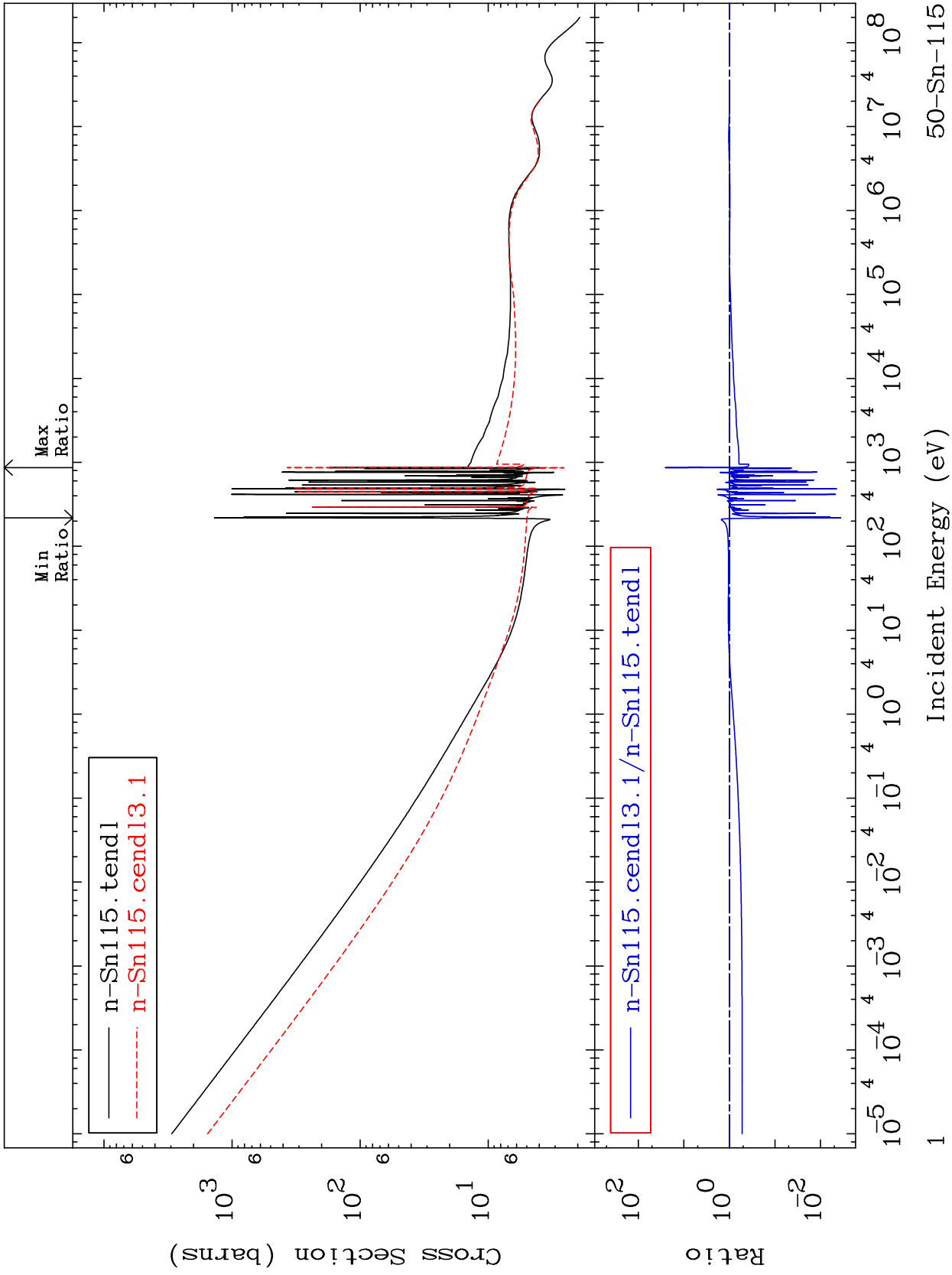


MAT 5034

Total Cross Section  
50-Sn-115  
-99.64 To 2437. %

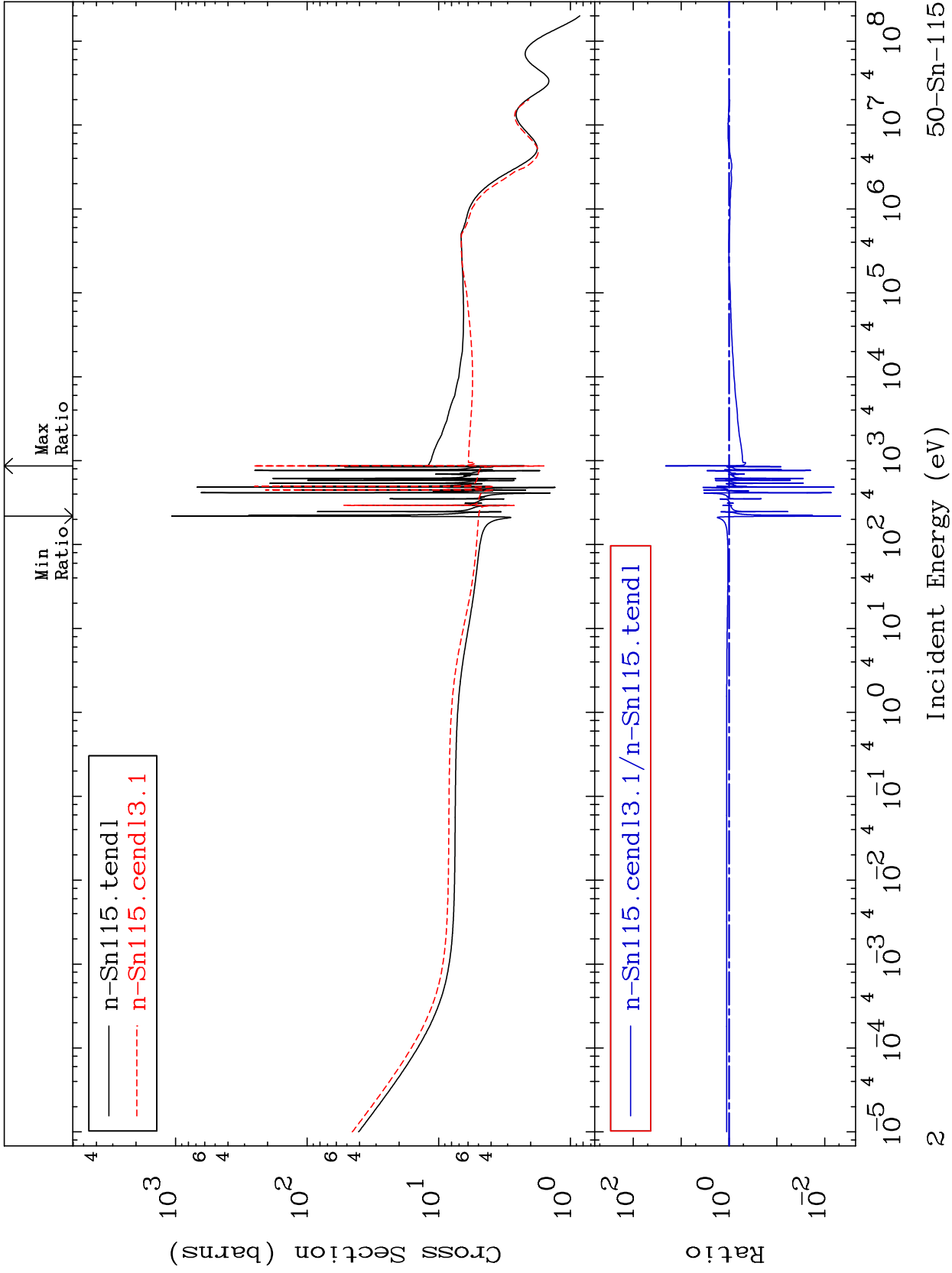


50-Sn-115

MAT 5034

Elastic  
Cross Section

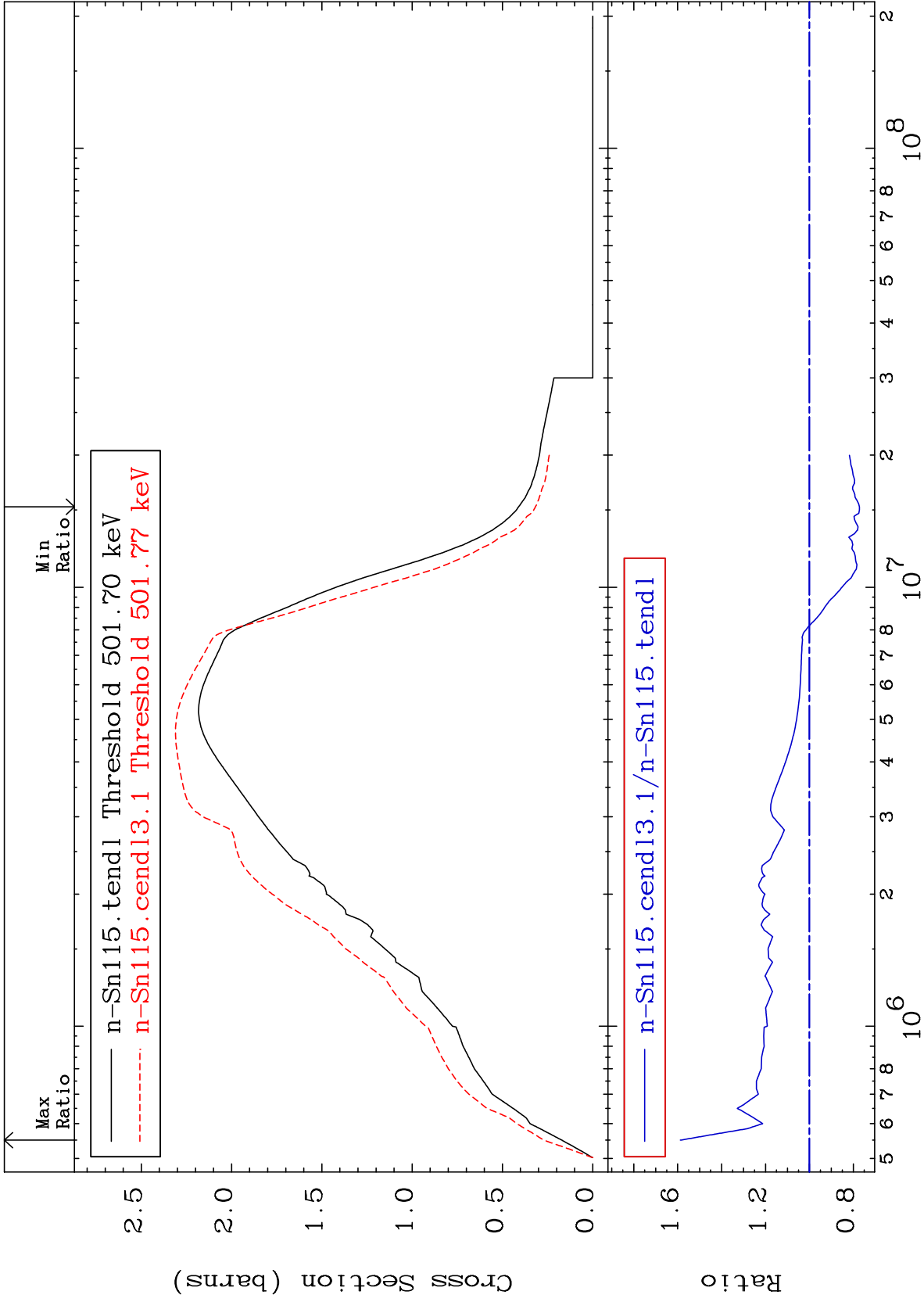
50-Sn-115  
-99.54 To 2023. %



MAT 5034

Inelastic  
Cross Section

50-Sn-115  
-22.78 To 58.77 %



3

50-Sn-115

50-Sn-115

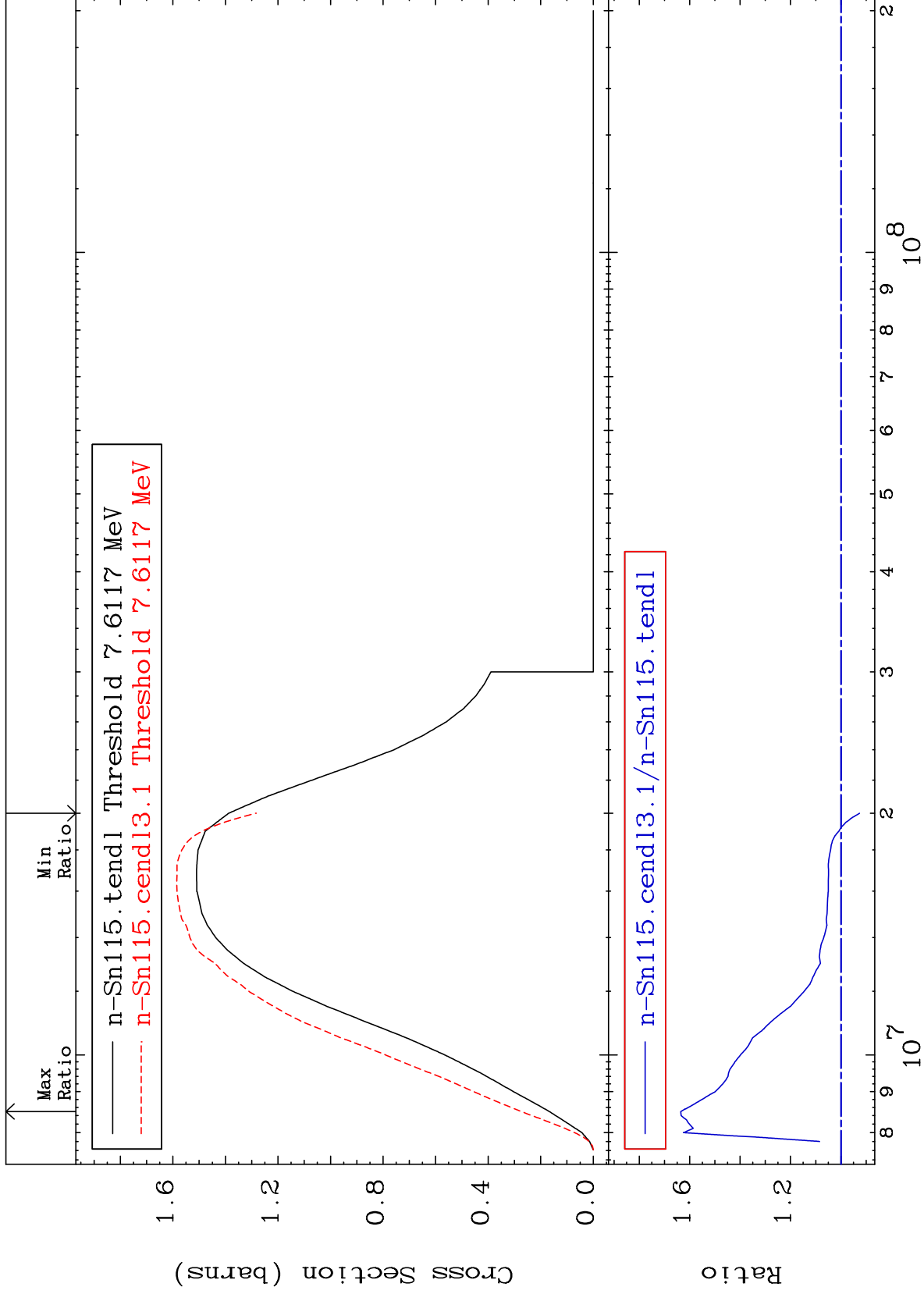
MAT 5034

(n,2n)

50-Sn-115

Cross Section

-7.381 To 63.54 %



4

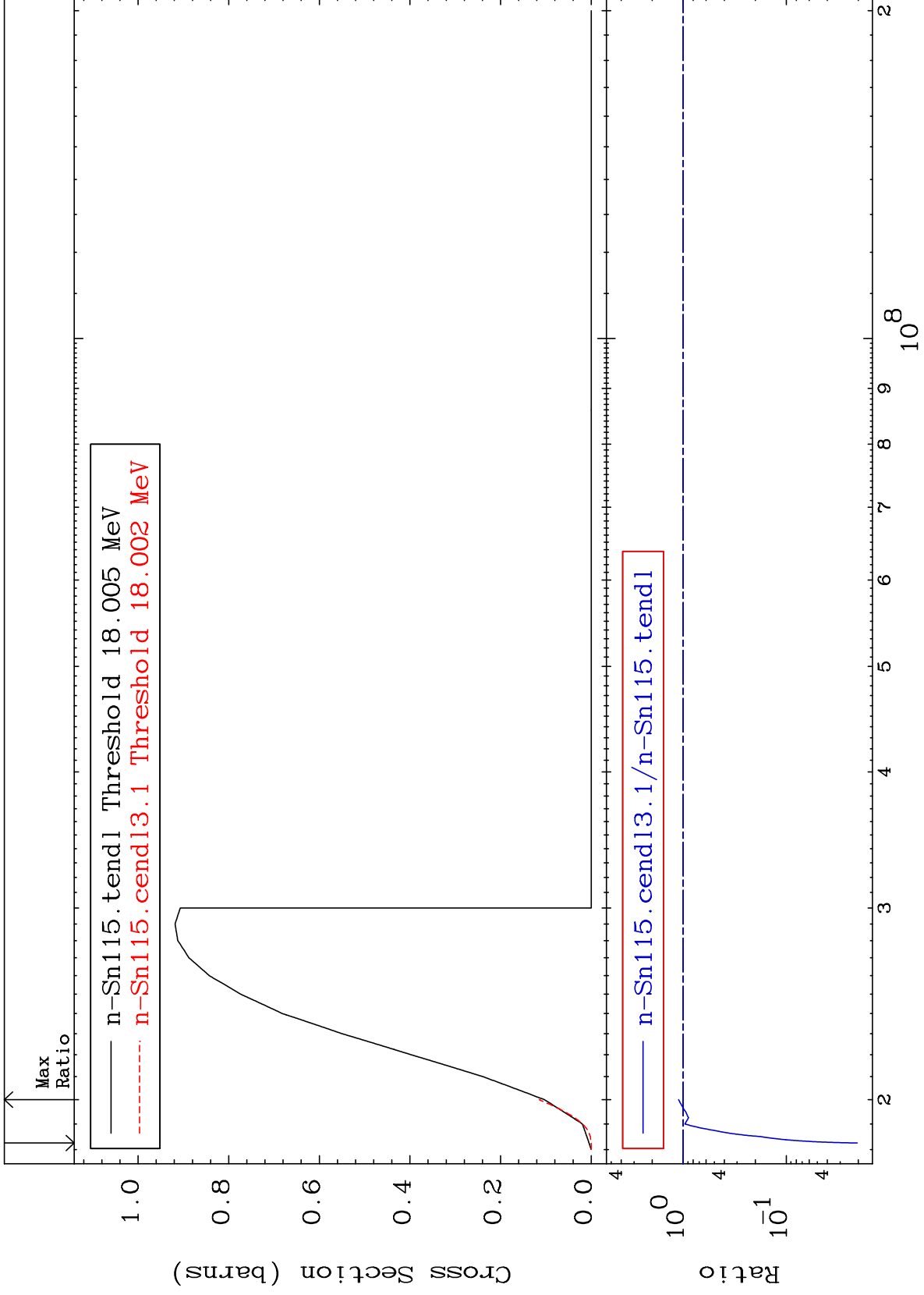
Incident Energy (eV)

50-Sn-115

MAT 5034

(n,3n)  
Cross Section

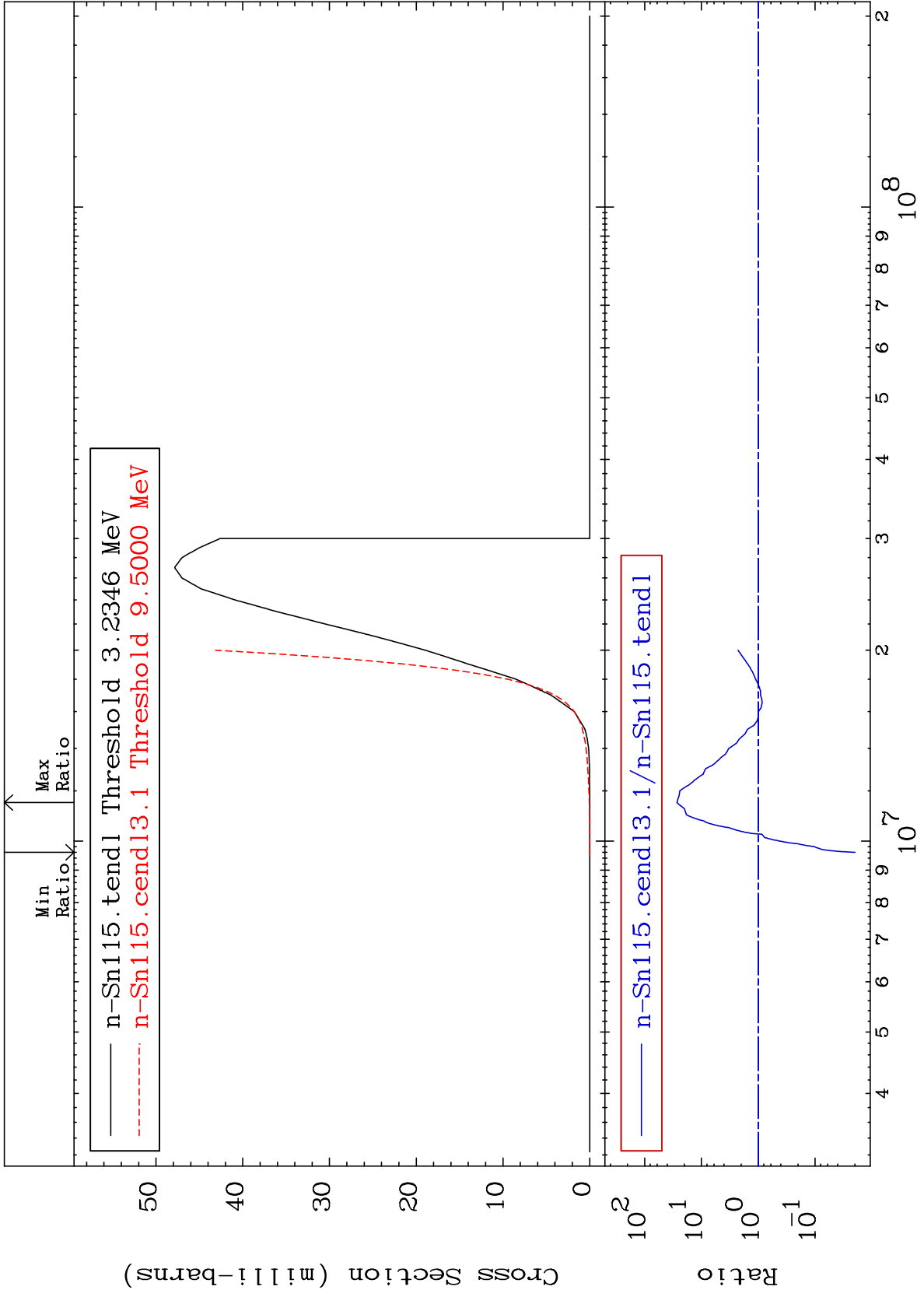
50-Sn-115  
-97.95 To 10.89 %



MAT 5034

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

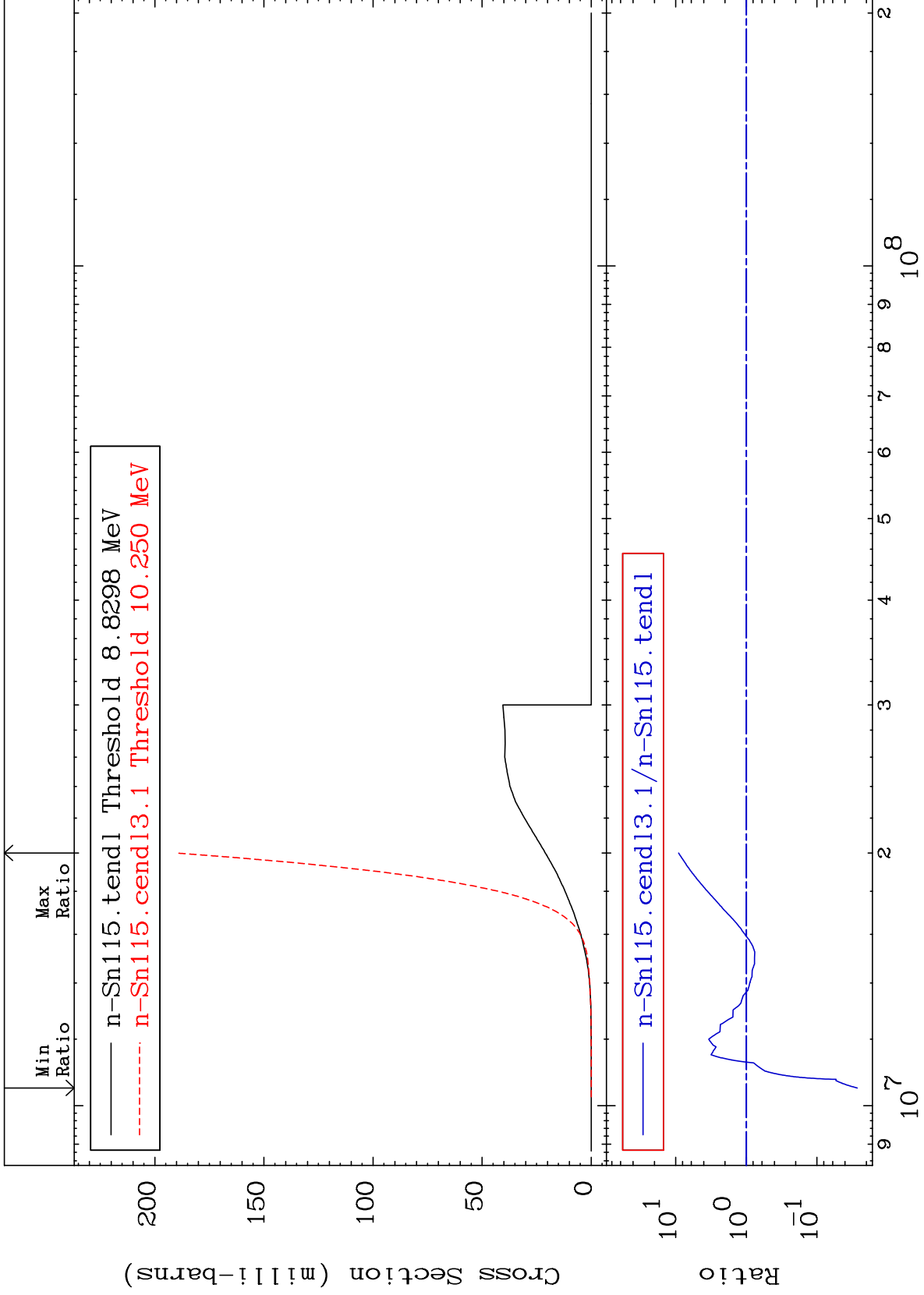
50-Sn-115  
-98.02 To 2602. %



MAT 5034

(n, n') p  
Cross Section

50-Sn-115  
-97.31 To 807.1 %



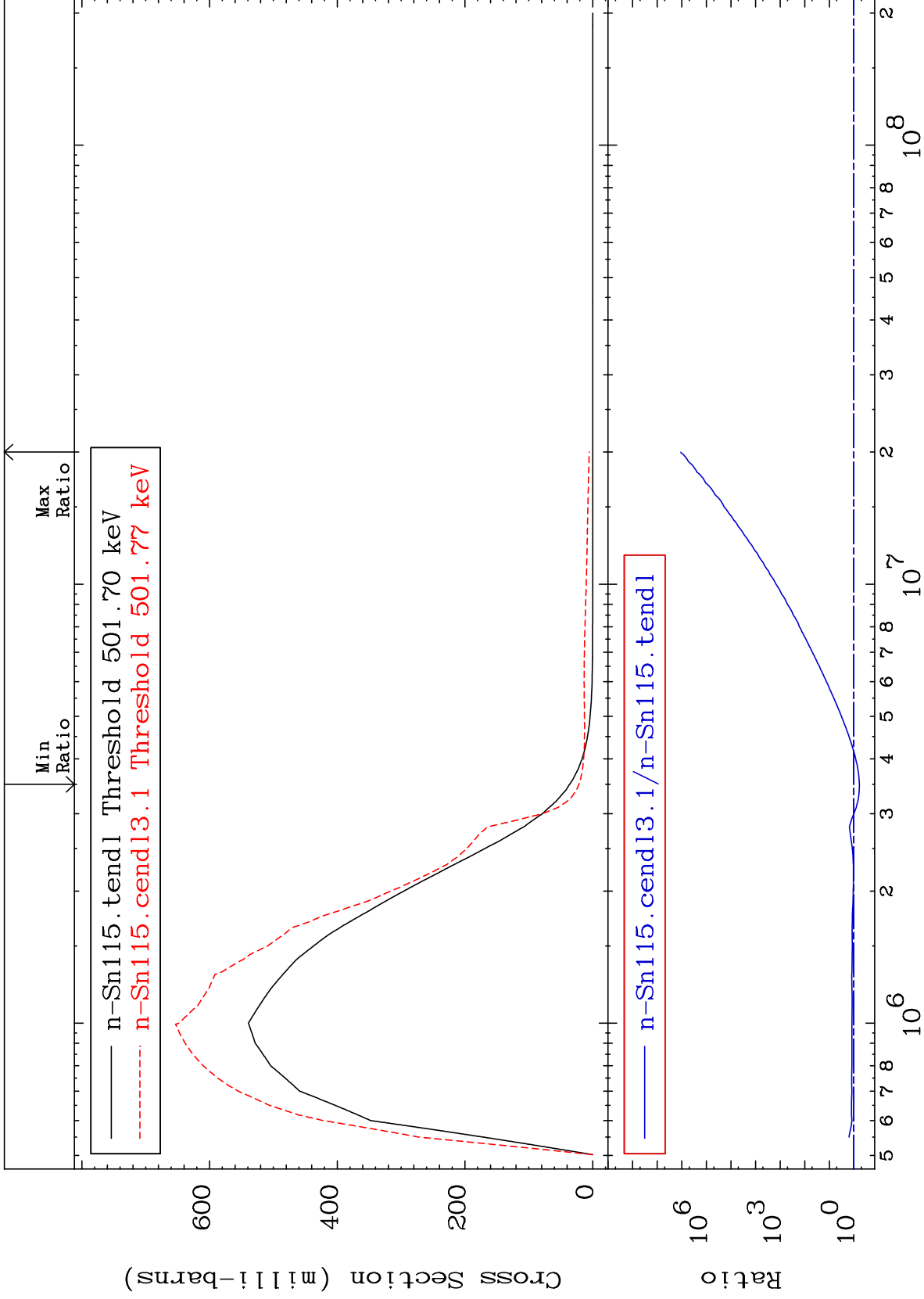
Incident Energy (eV)

50-Sn-115

MAT 5034

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

50-Sn-115  
-40.49 To 9999. %



8

Incident Energy (eV)

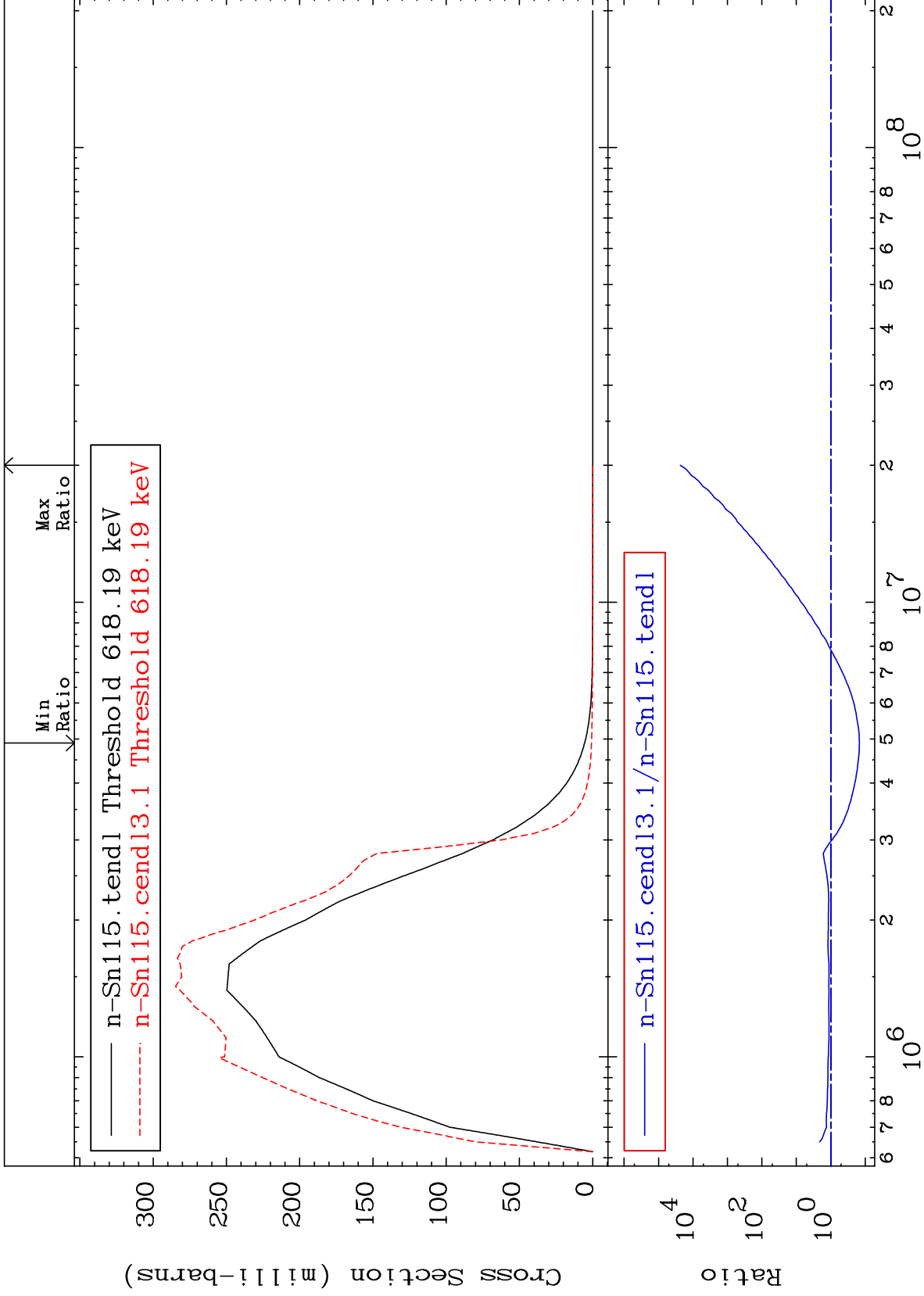
50-Sn-115



MAT 5034

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

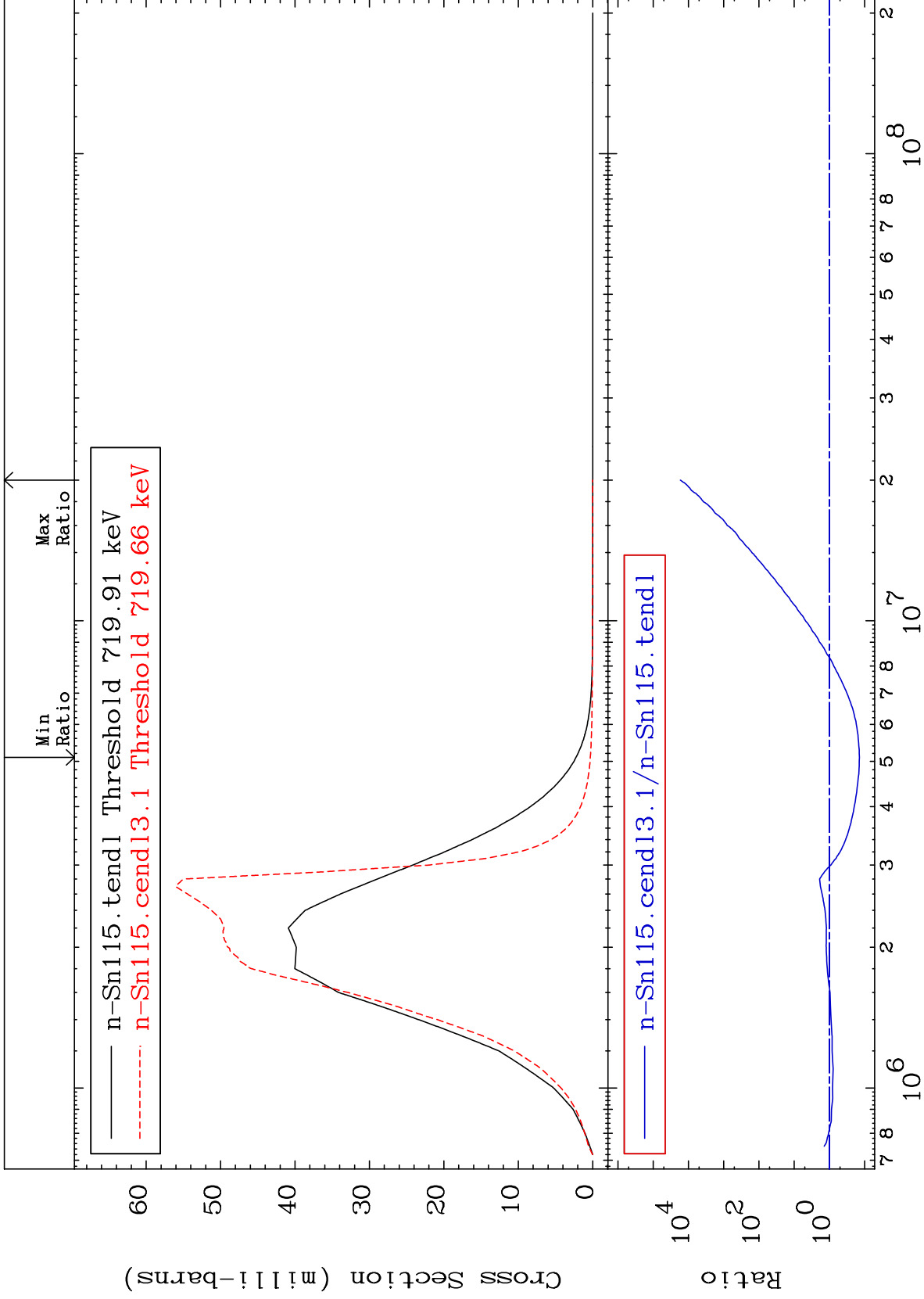
50-Sn-115  
-85.27 To 9999. %



MAT 5034

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

50-Sn-115  
-85.99 To 9999. %



10

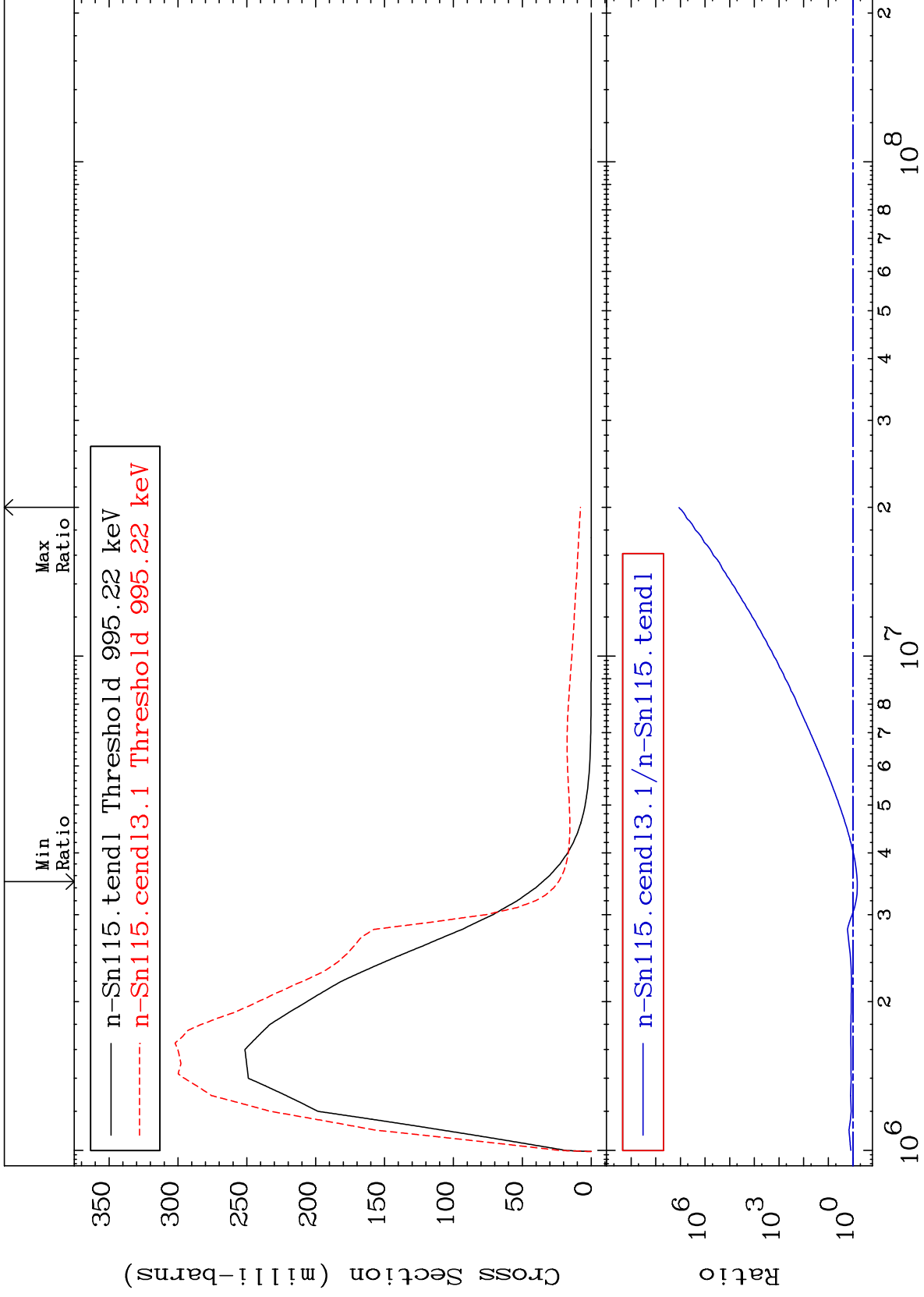
Incident Energy (eV)

50-Sn-115

MAT 5034

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

50-Sn-115  
-32.96 To 9999. %



11

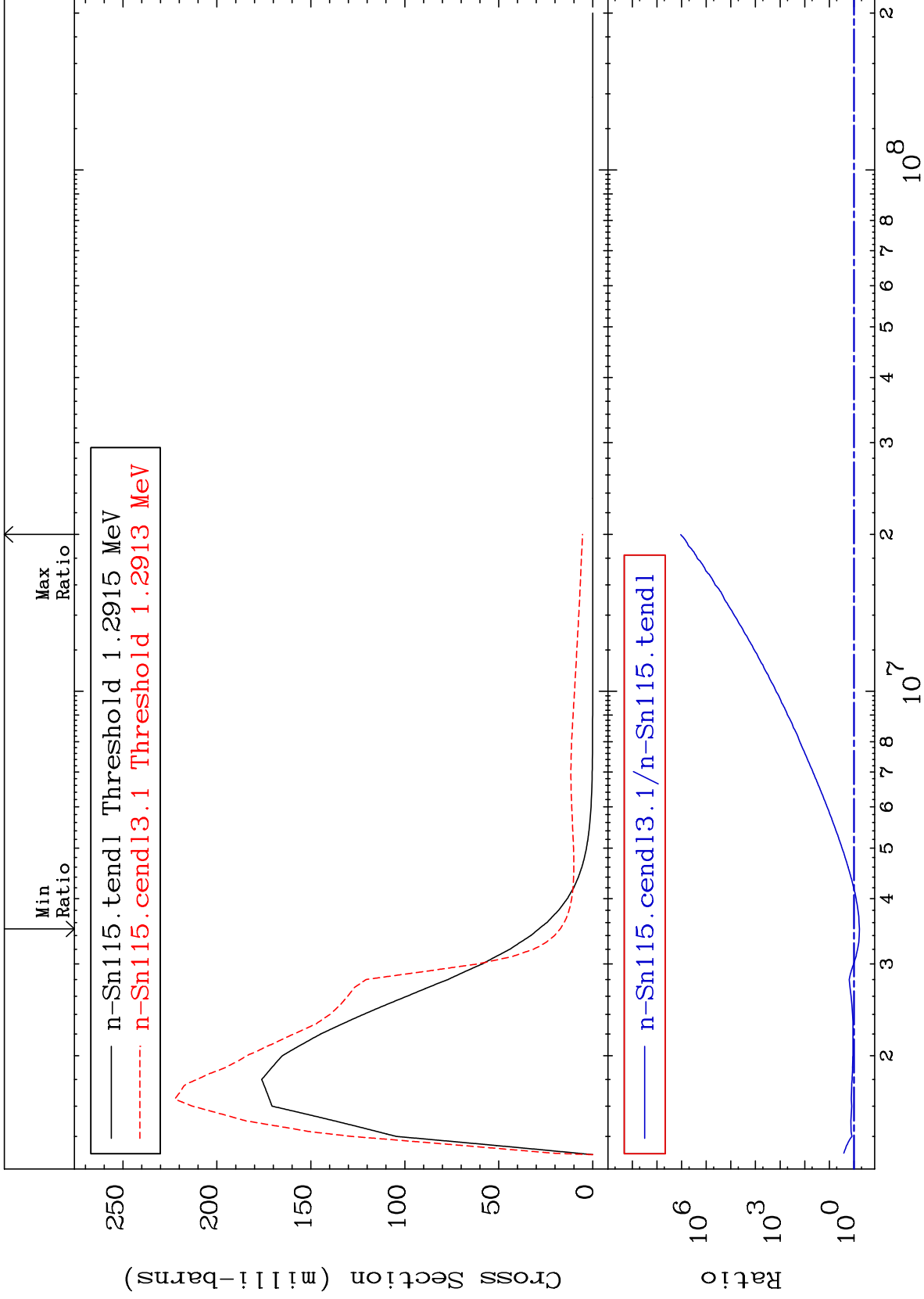
Incident Energy (eV)

50-Sn-115

MAT 5034

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

50-Sn-115  
-39.68 To 9999. %



12

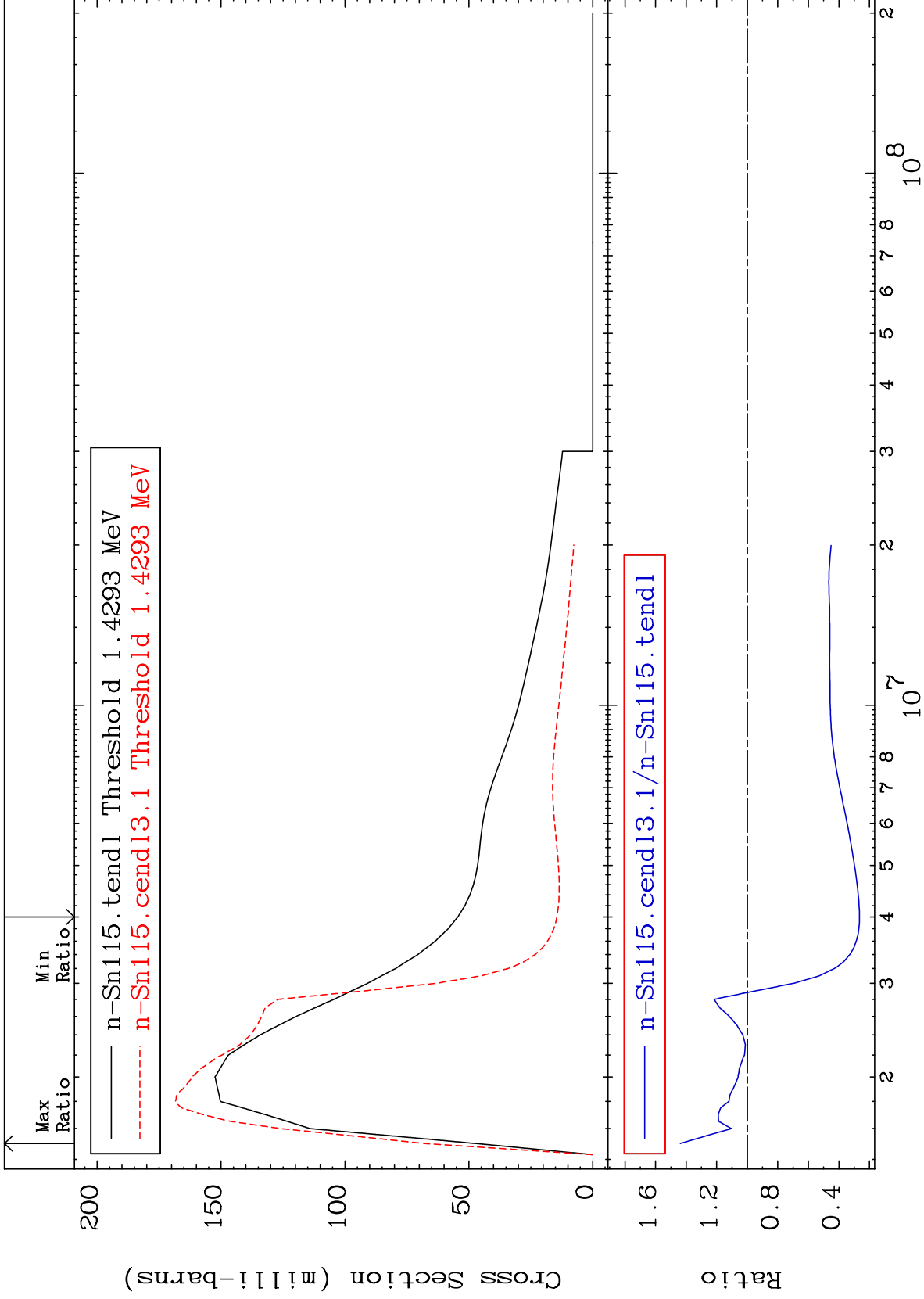
Incident Energy (eV)

50-Sn-115

MAT 5034

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

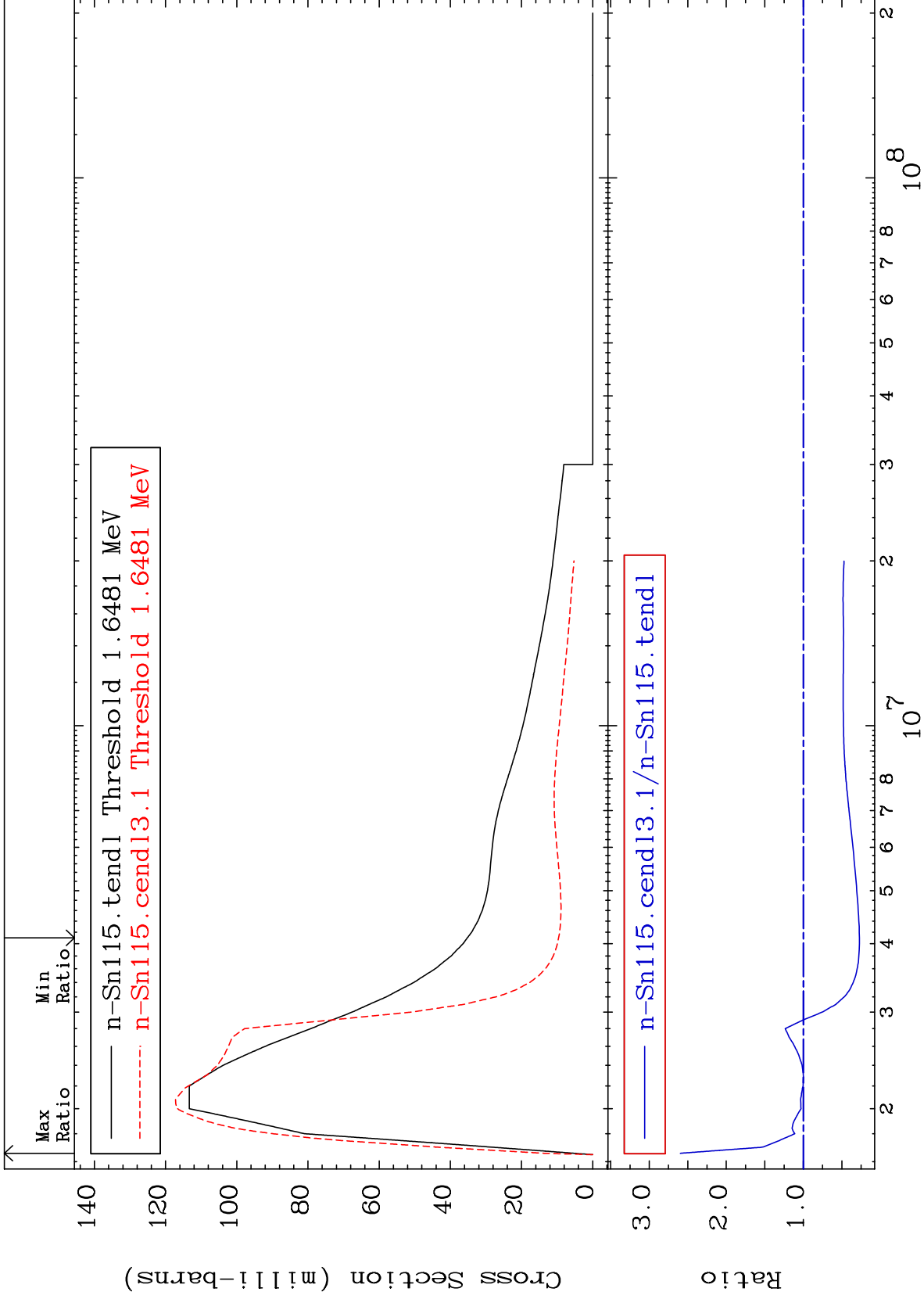
50-Sn-115  
-73.44 To 43.77 %



MAT 5034

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

50-Sn-115  
-72.84 To 159.6 %



14

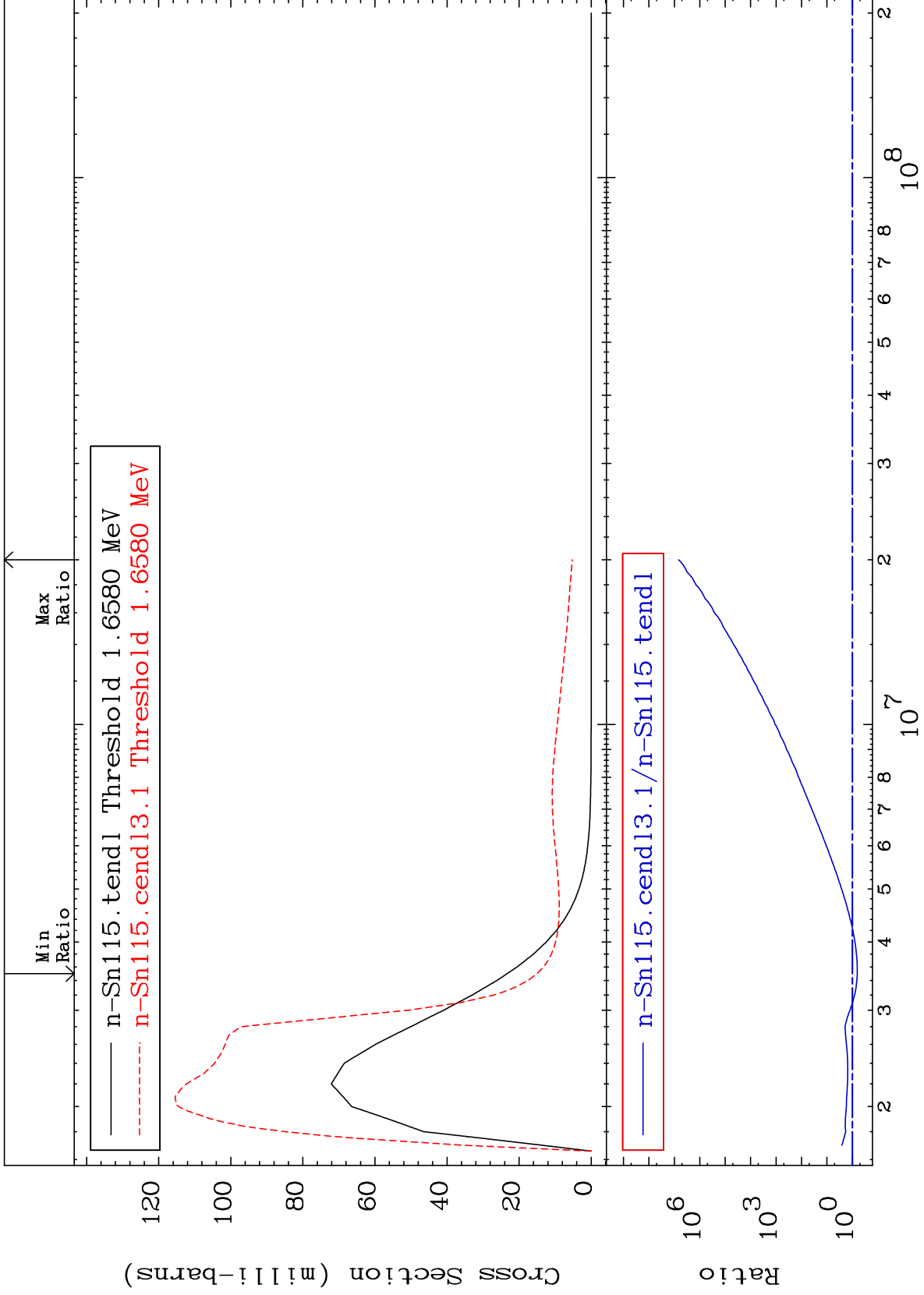
Incident Energy (eV)

50-Sn-115

MAT 5034

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

50-Sn-115  
-35.66 To 9999. %



15

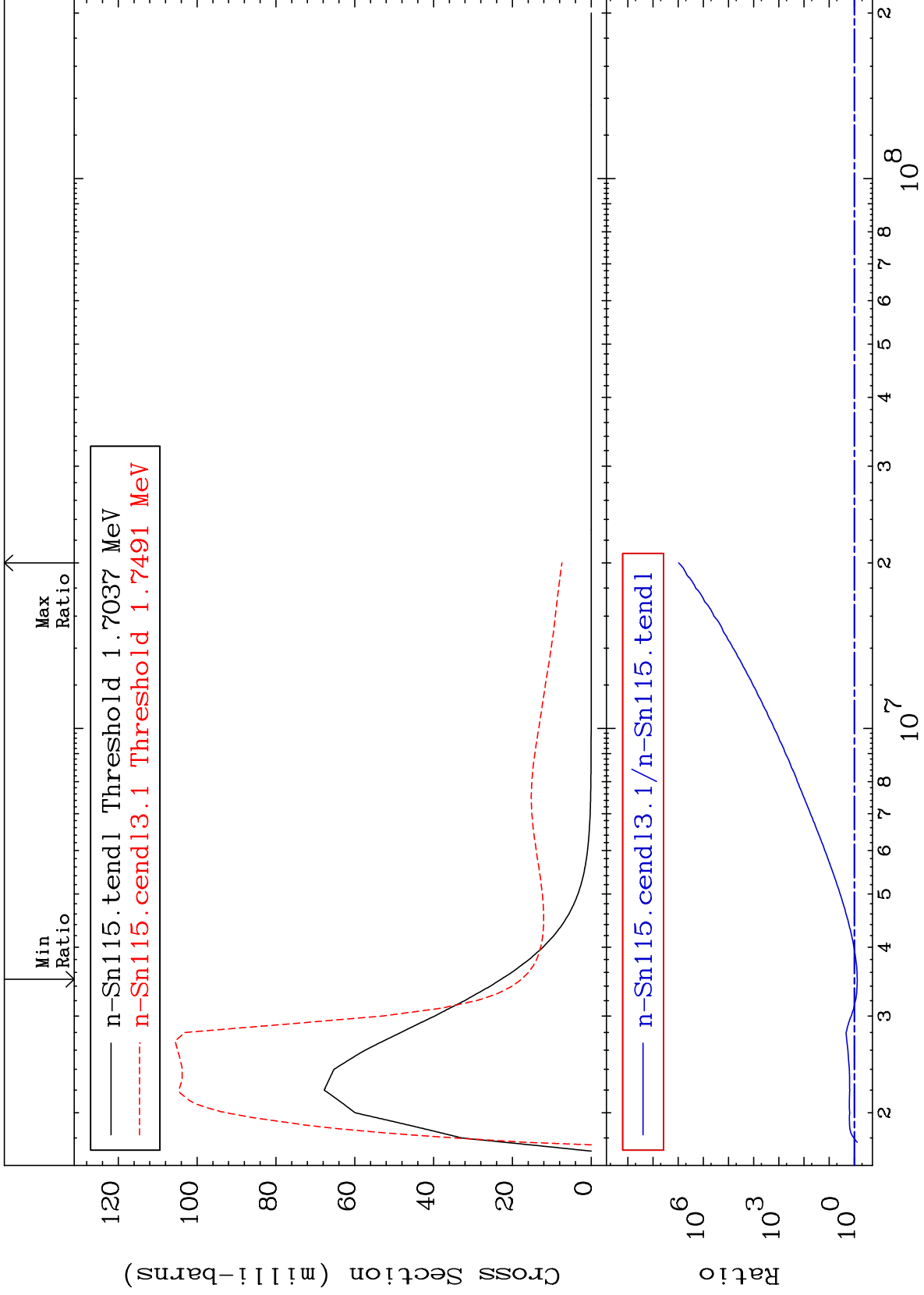
Incident Energy (eV)

50-Sn-115

MAT 5034

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

50-Sn-115  
-22.89 To 9999. %



16

Incident Energy (eV)

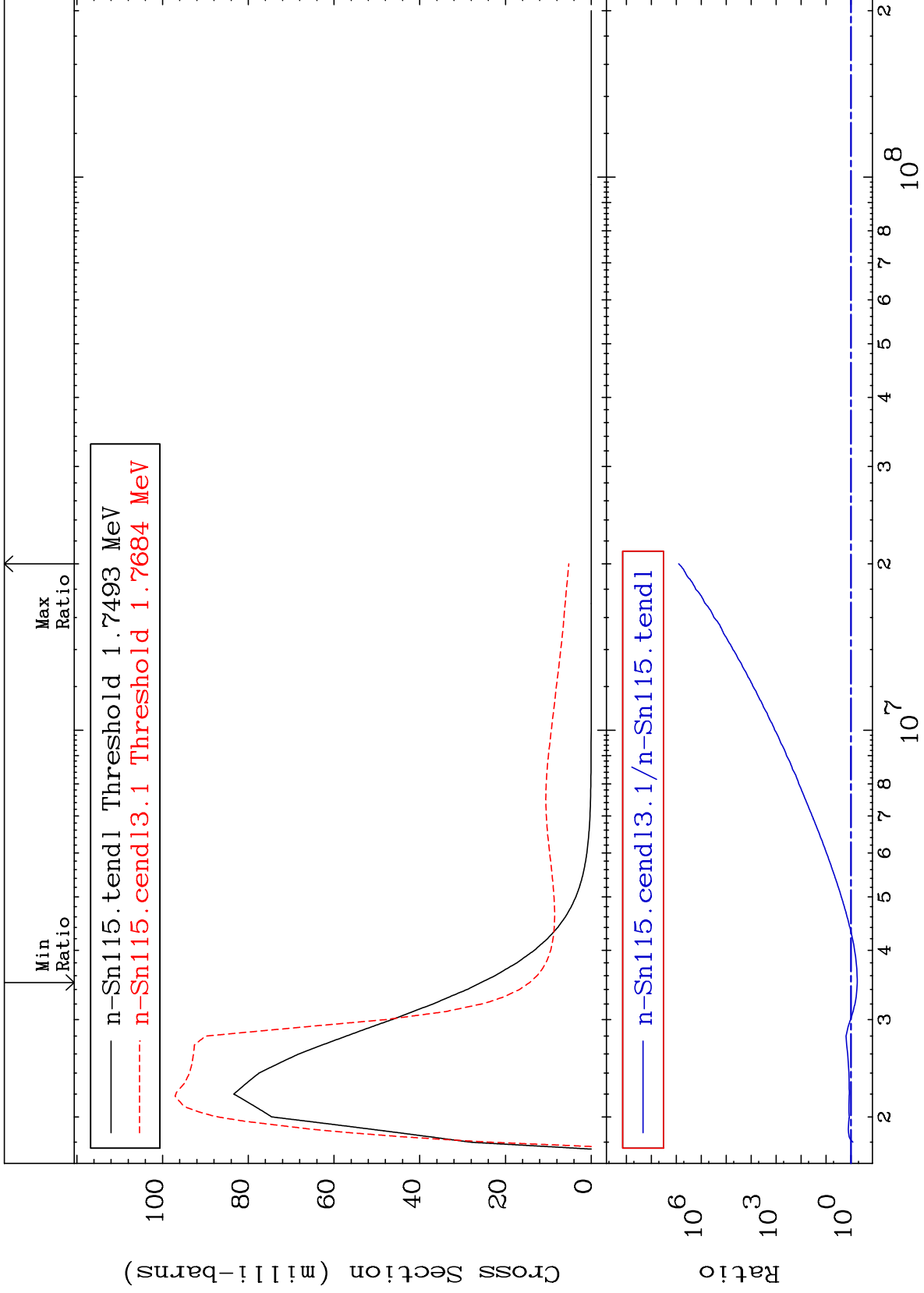
50-Sn-115



MAT 5034

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

50-Sn-115  
-44.21 To 9999. %



17

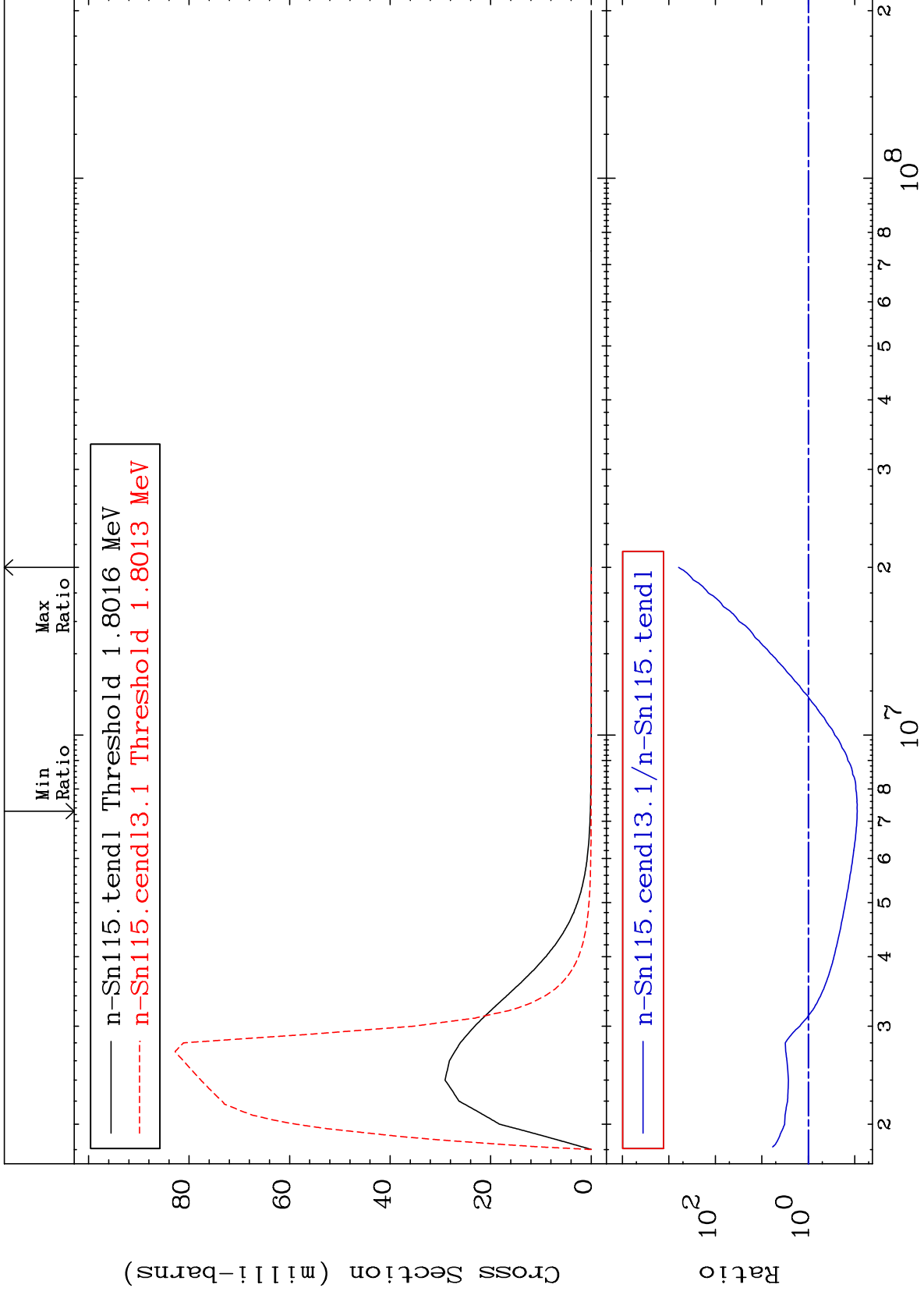
Incident Energy (eV)

50-Sn-115

MAT 5034

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

50-Sn-115  
-91.16 To 9999. %



18

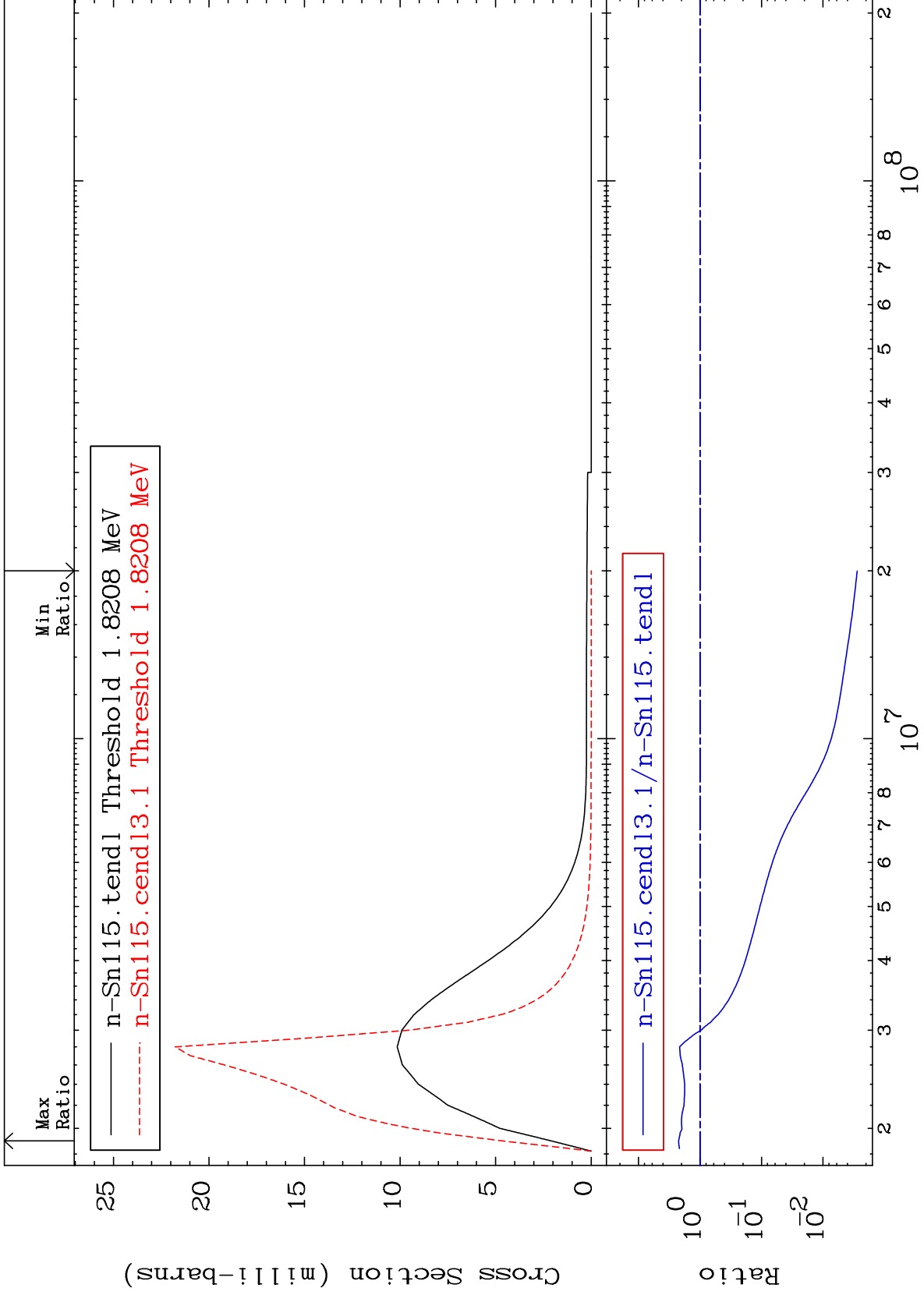
Incident Energy (eV)

50-Sn-115

MAT 5034

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

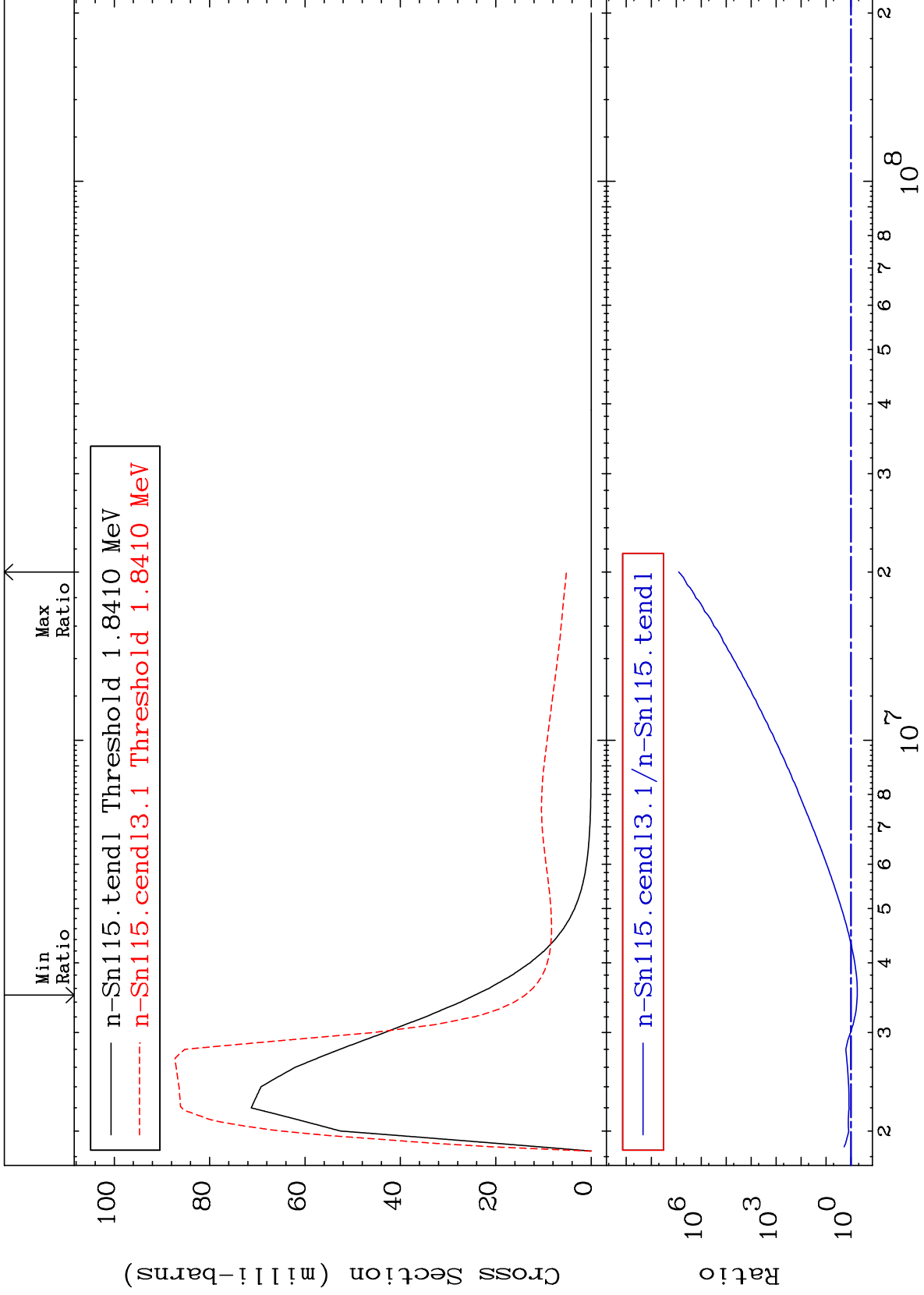
50-Sn-115  
-99.72 To 122.7 %



MAT 5034

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

50-Sn-115  
-43.30 To 9999. %



20

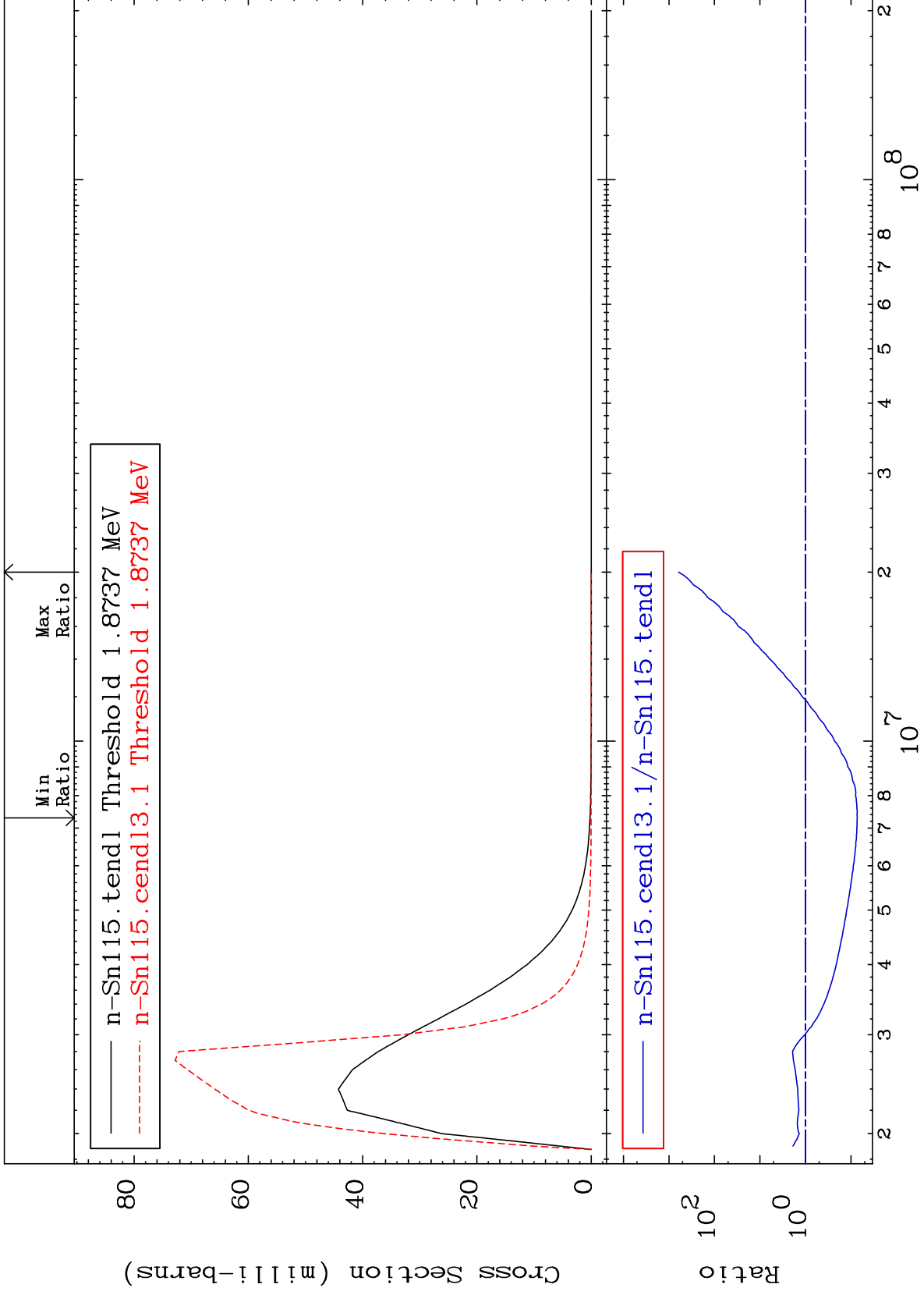
Incident Energy (eV)

50-Sn-115

MAT 5034

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

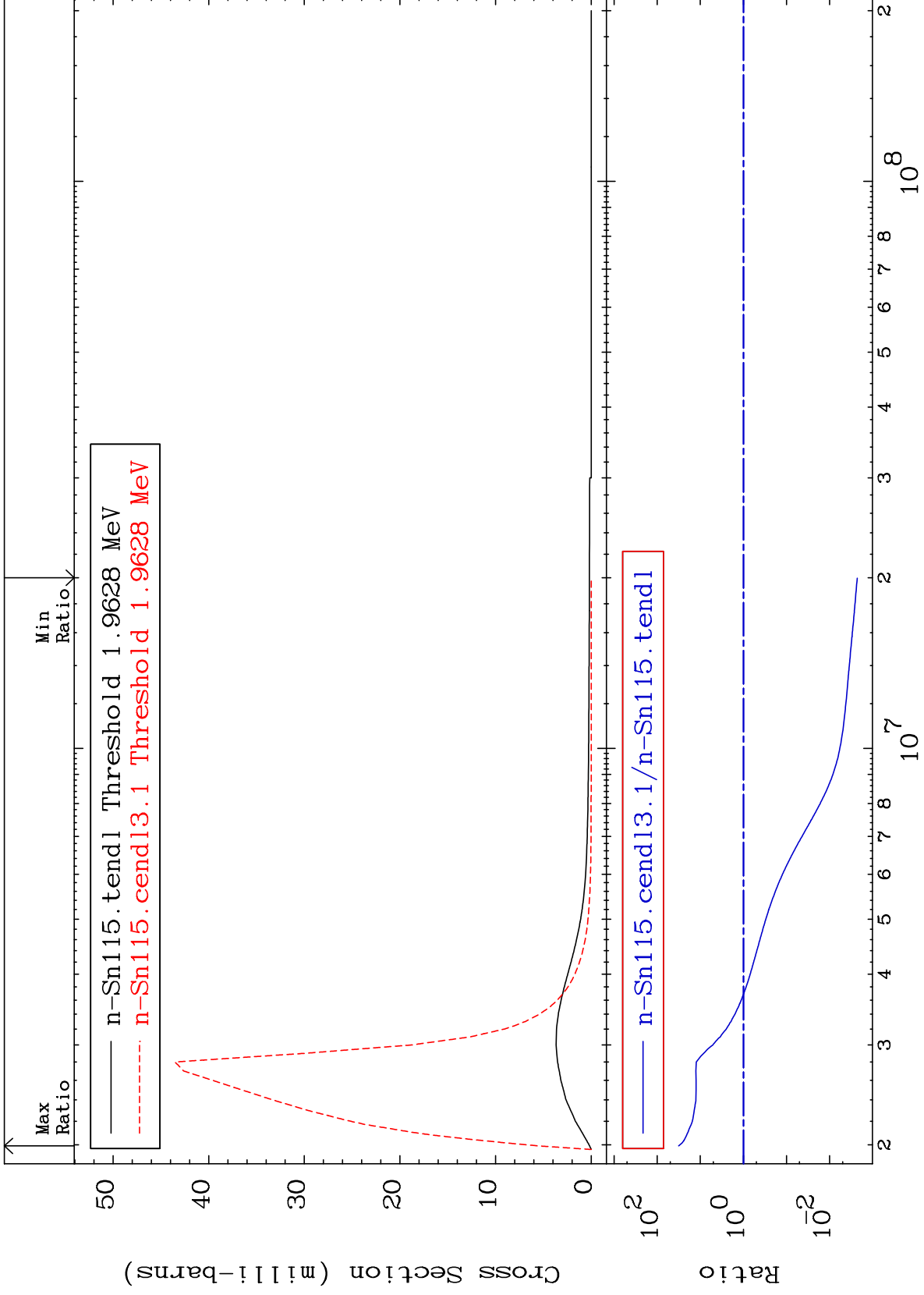
50-Sn-115  
-92.68 To 9999. %



MAT 5034

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

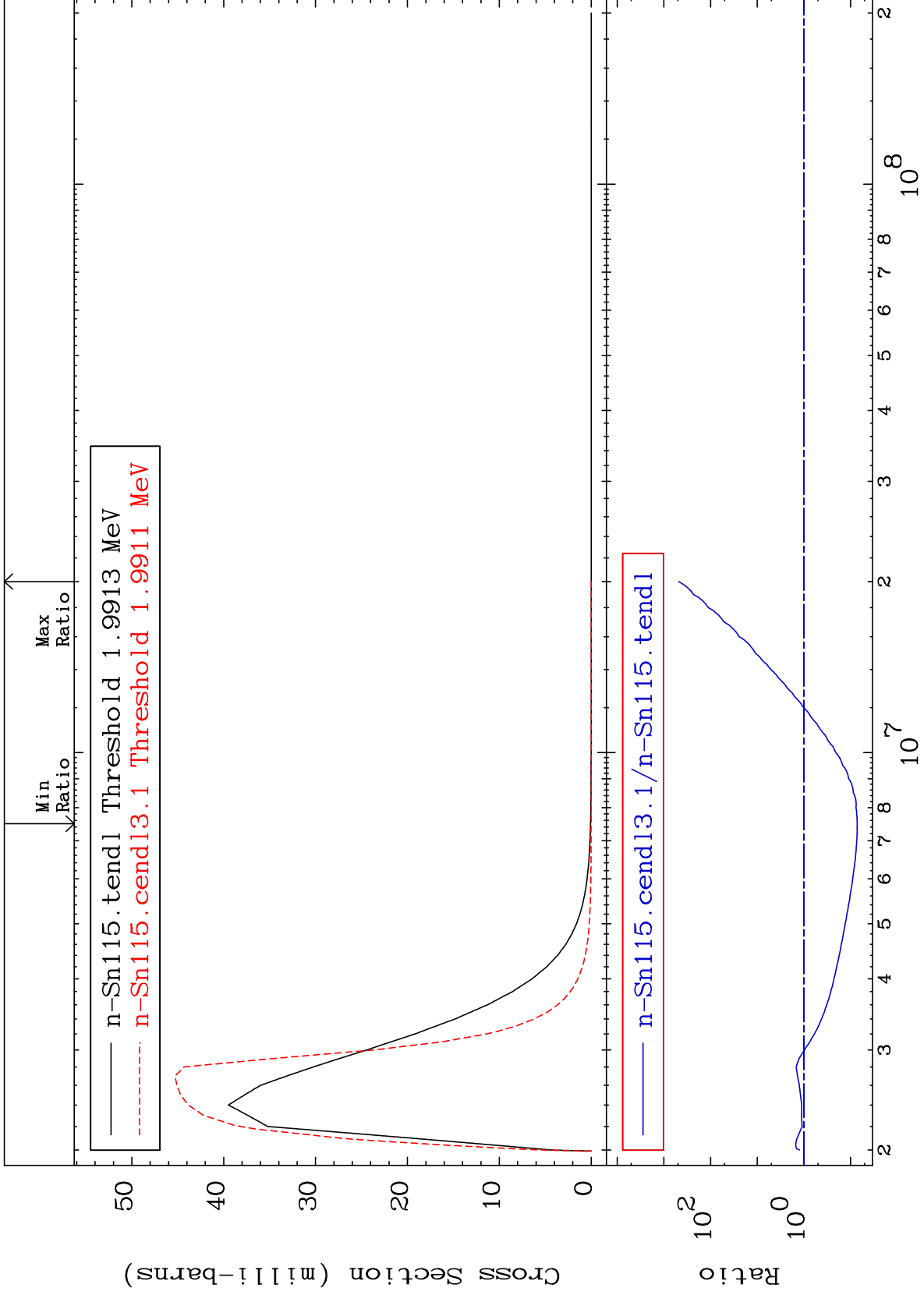
50-Sn-115  
-99.77 To 3083. %



MAT 5034

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

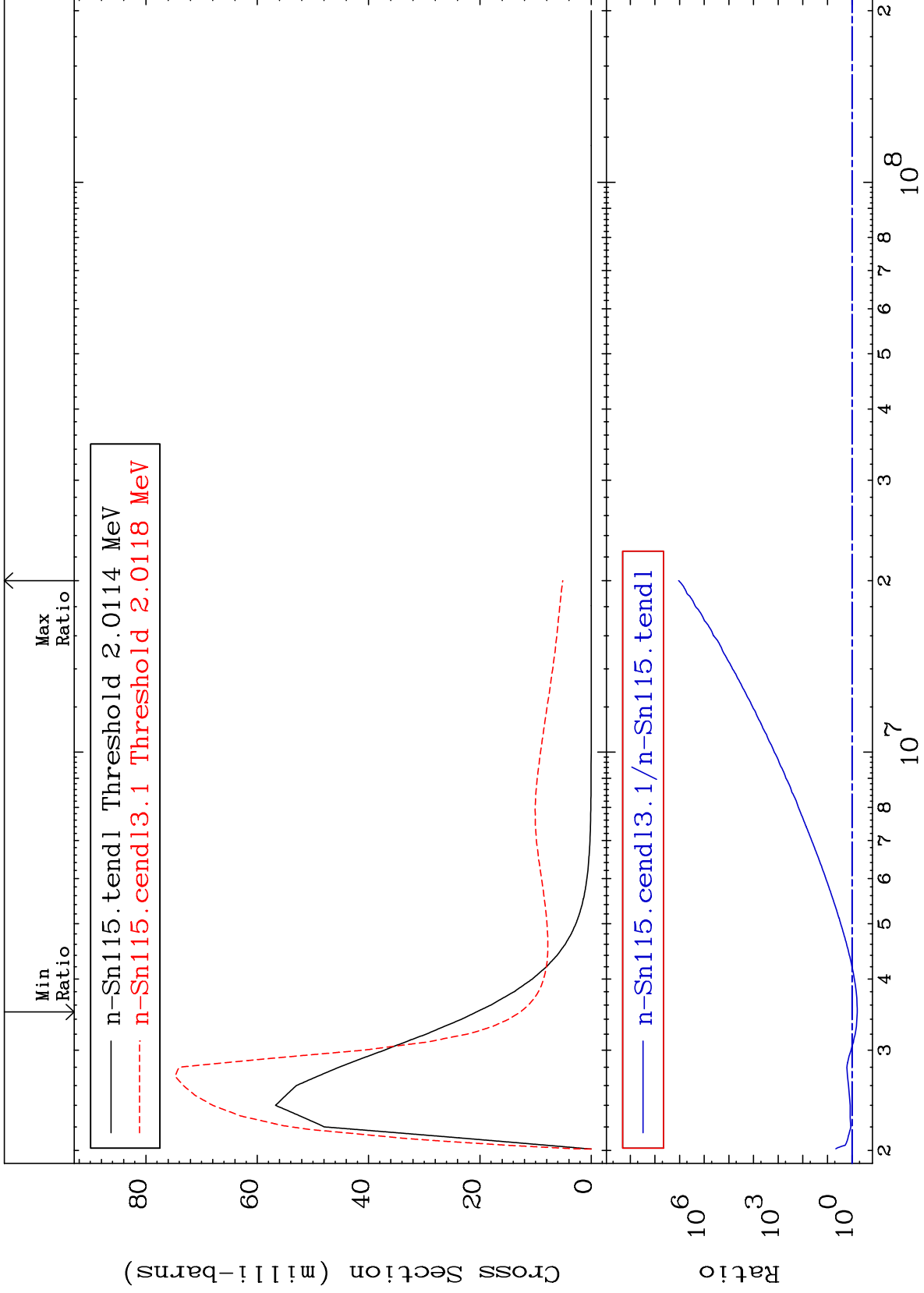
50-Sn-115  
-92.81 To 9999. %



MAT 5034

MT= 67 (n,n') Level  
Cross Section

50-Sn-115  
-38.39 To 9999. %

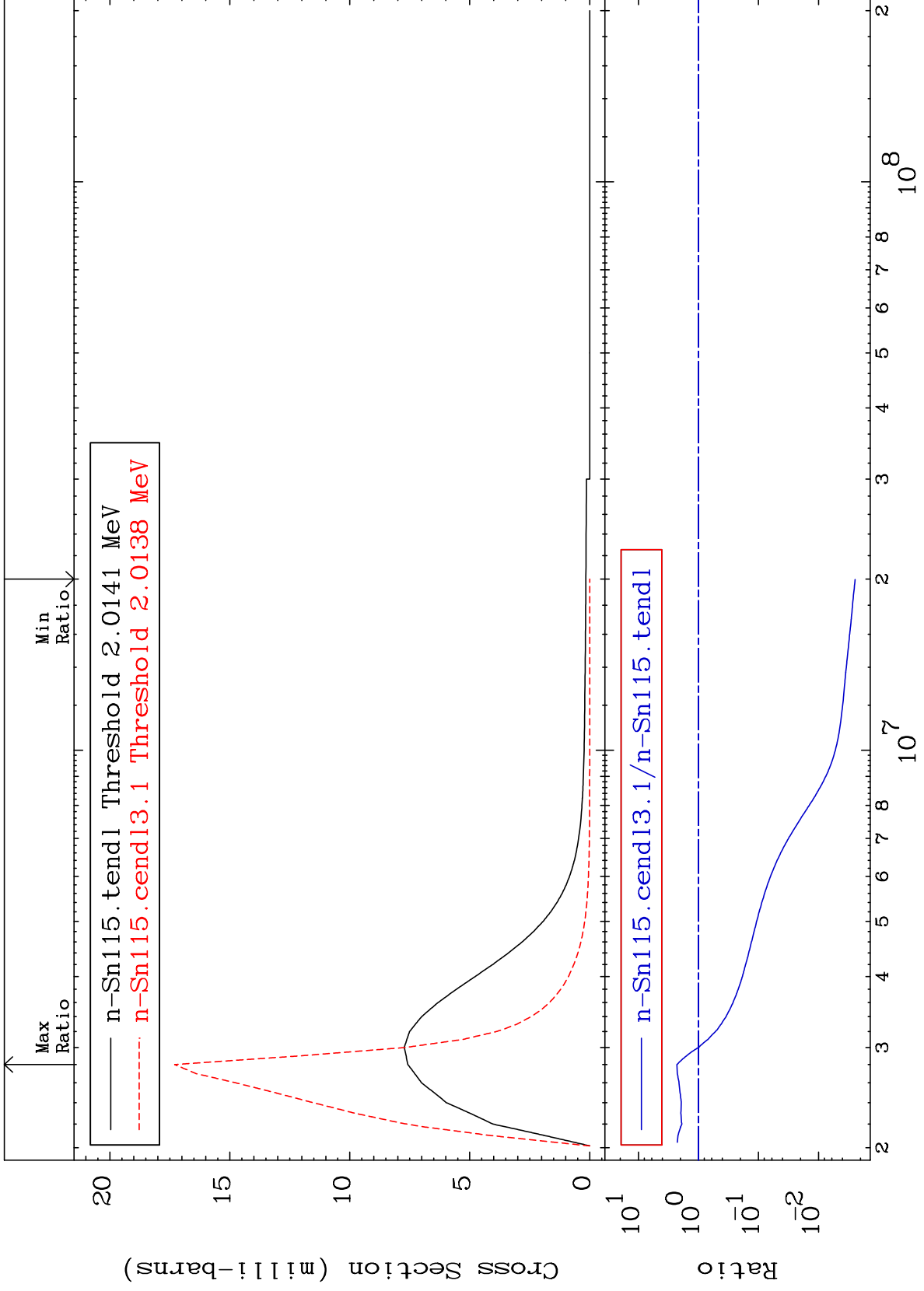




MAT 5034

MT= 68 (n,n') Level  
Cross Section

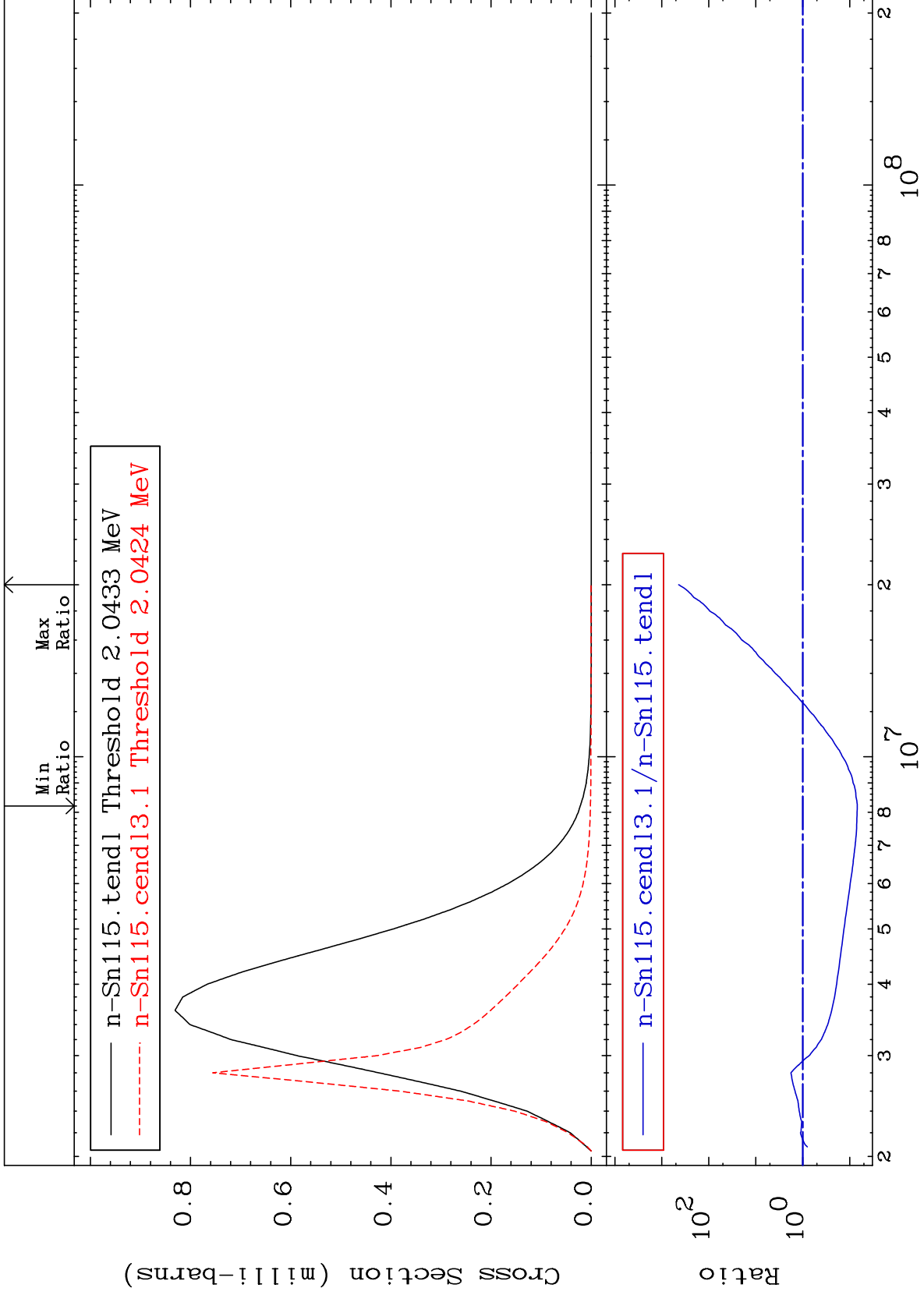
50-Sn-115  
-99.75 To 128.3 %



MAT 5034

MT= 69 (n,n') Level  
Cross Section

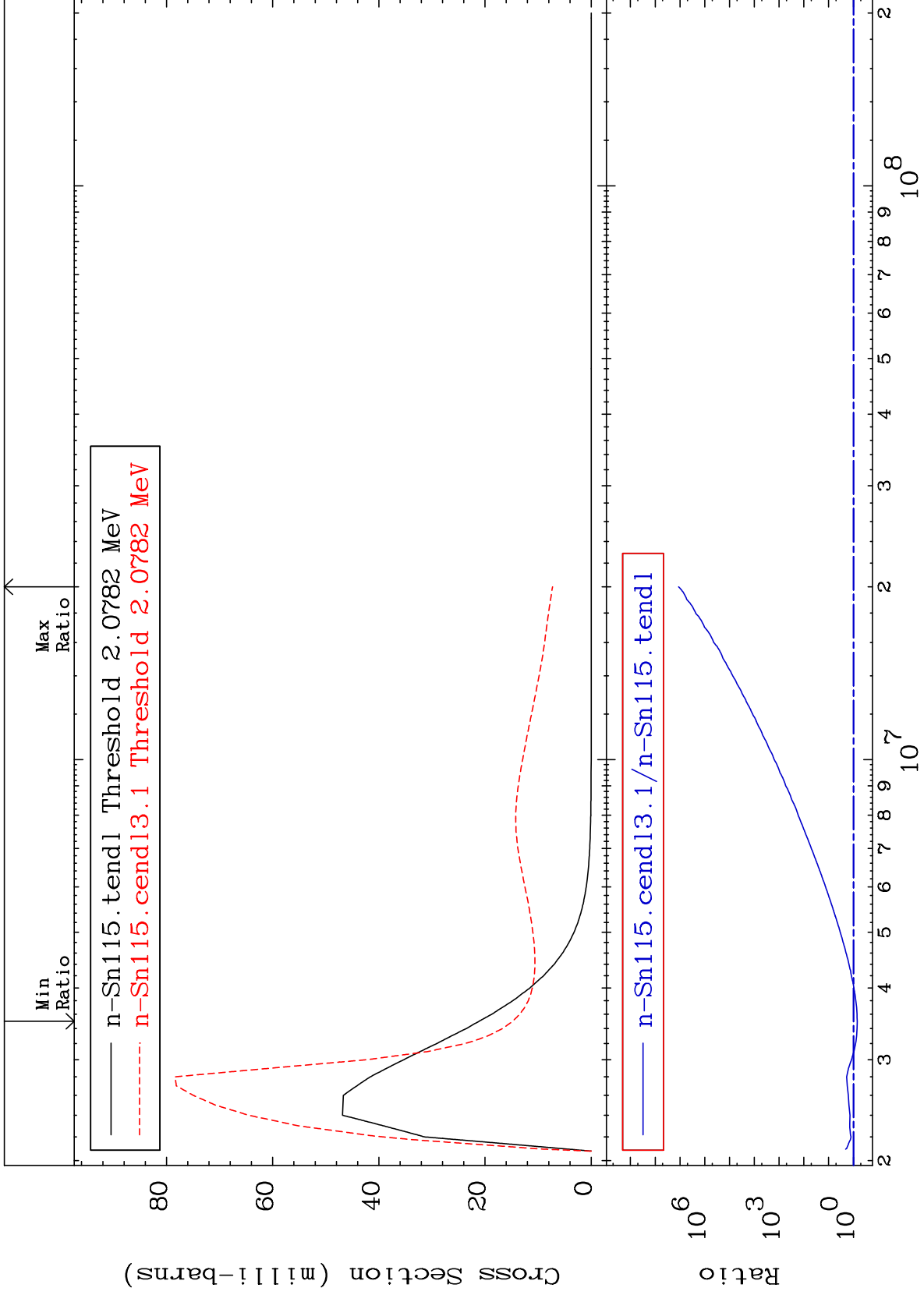
50-Sn-115  
-93.08 To 9999. %



MAT 5034

MT= 70 (n,n') Level  
Cross Section

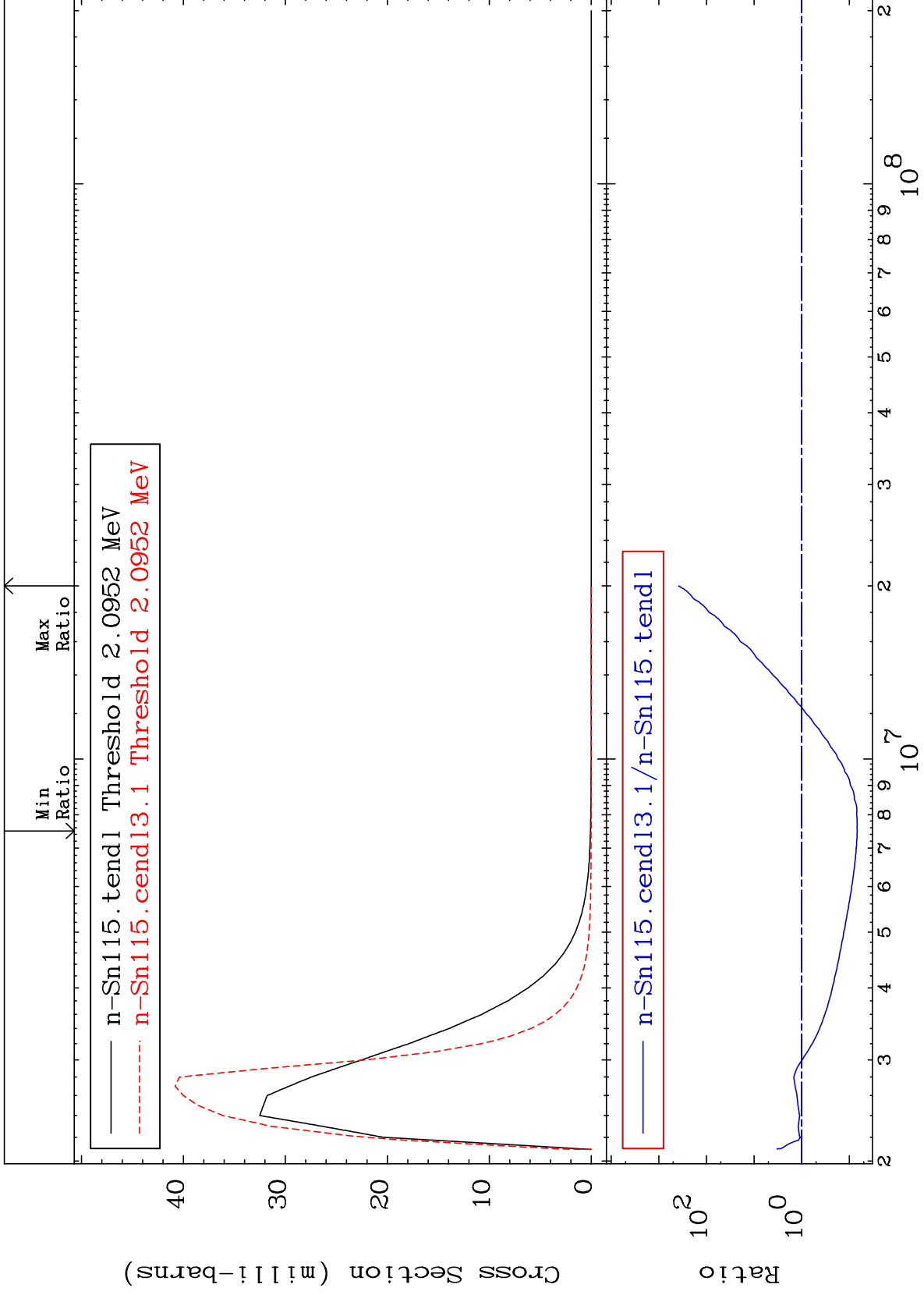
50-Sn-115  
-30.00 To 9999. %



MAT 5034

MT= 71 (n,n') Level  
Cross Section

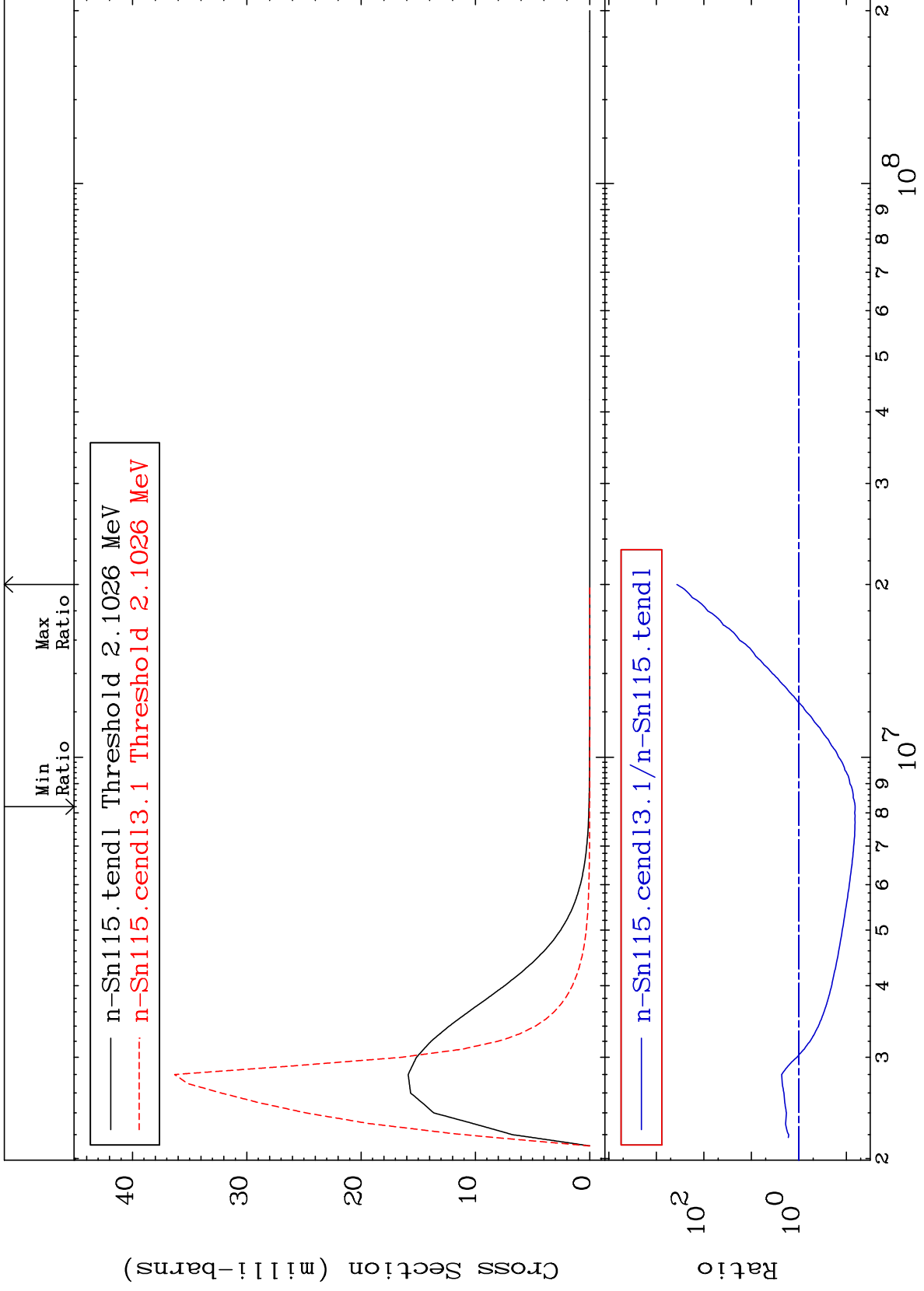
50-Sn-115  
-93.14 To 9999. %



MAT 5034

MT= 72 (n,n') Level  
Cross Section

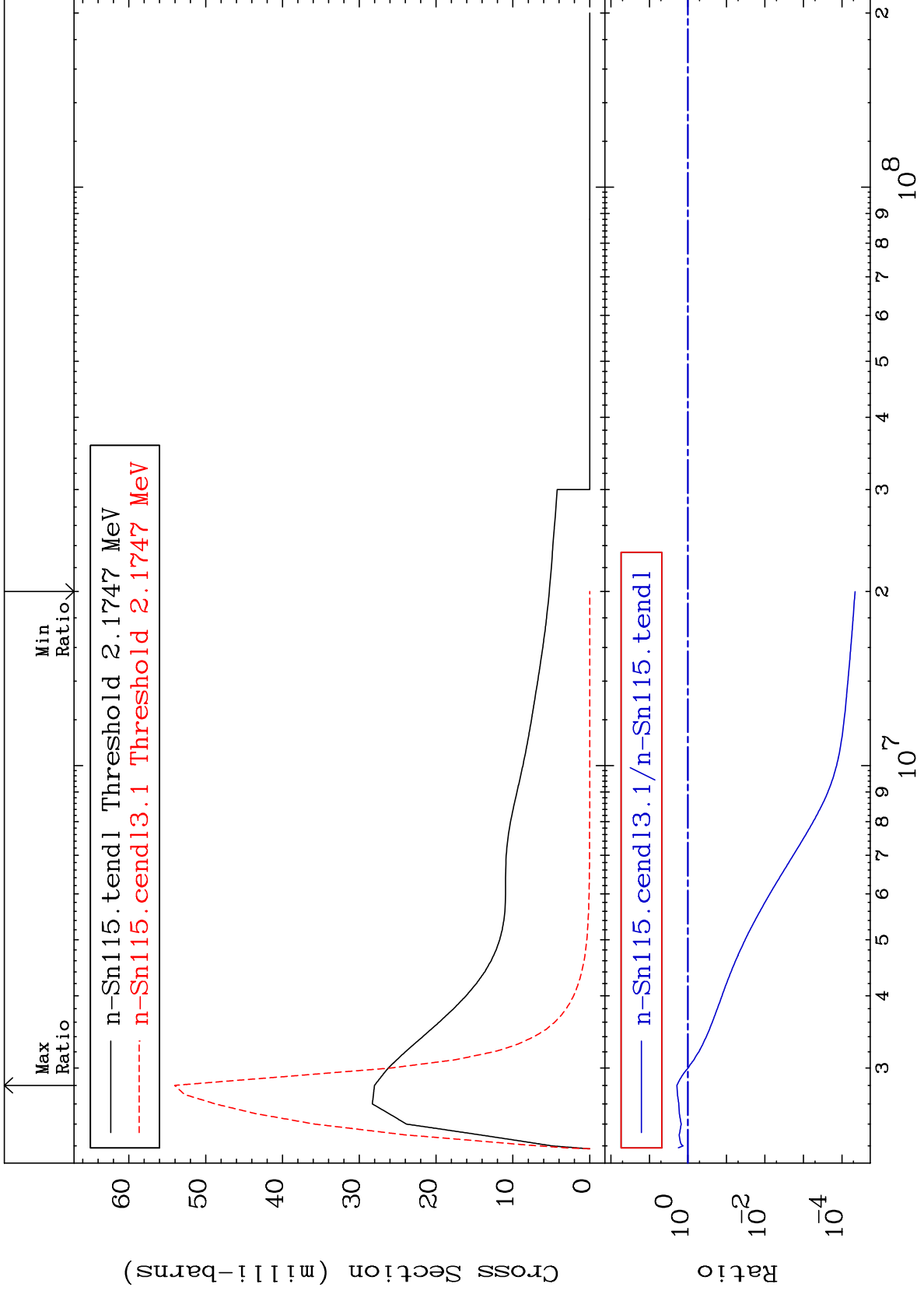
50-Sn-115  
-93.47 To 9999. %



MAT 5034

MT= 73 (n,n') Level  
Cross Section

50-Sn-115  
-100.0 To 92.91 %



30

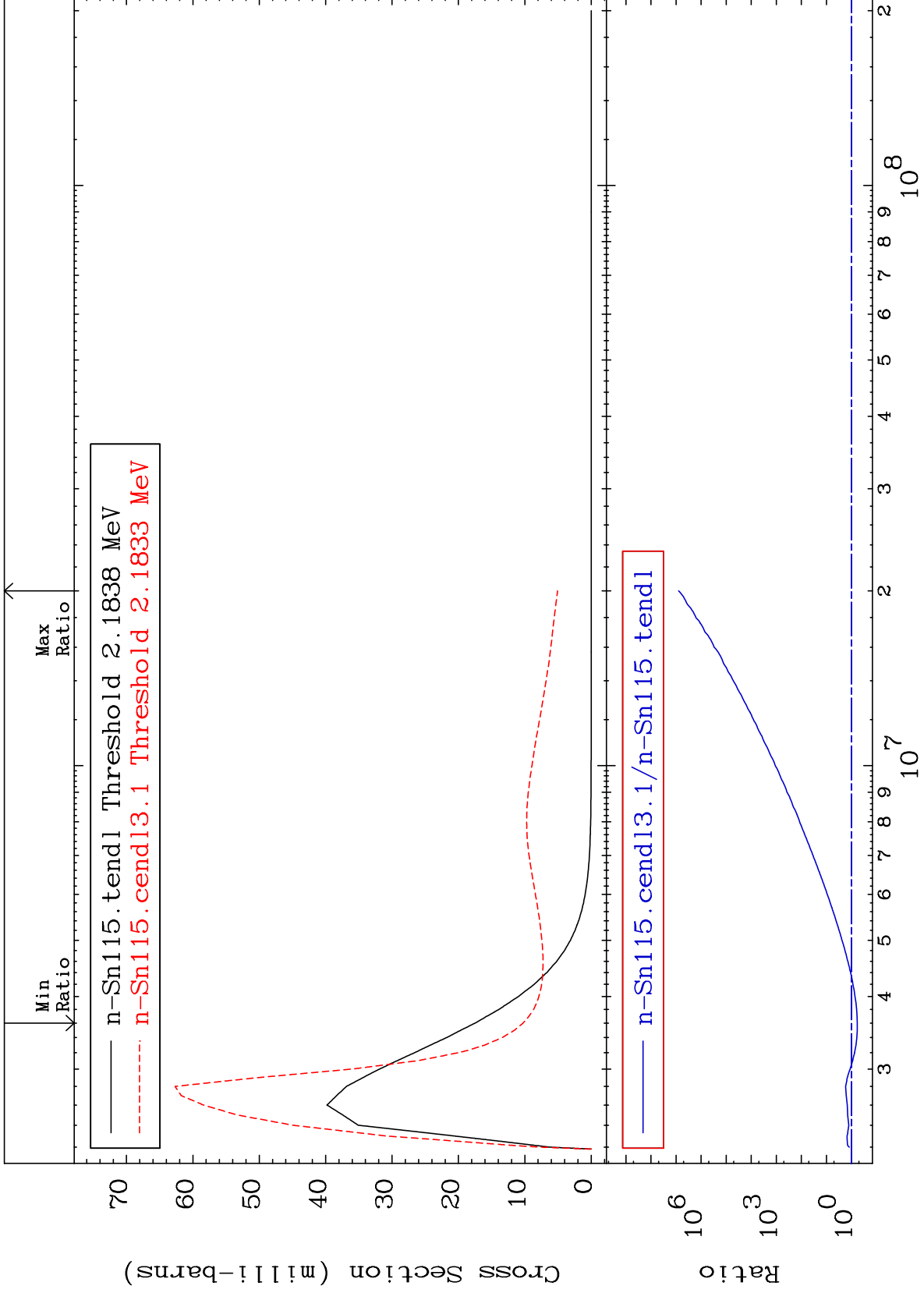
Incident Energy (eV)

50-Sn-115

MAT 5034

MT= 74 (n,n') Level  
Cross Section

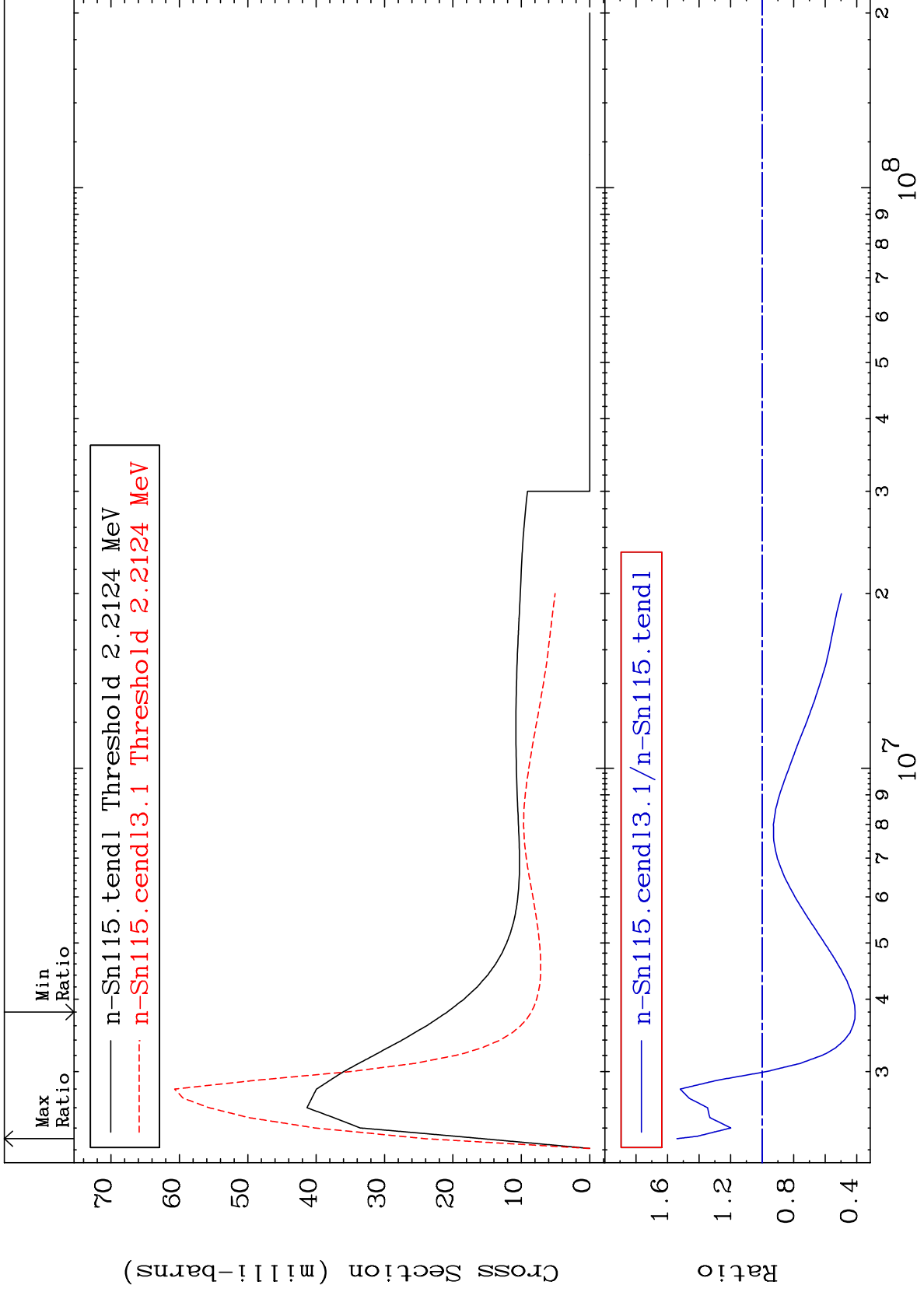
50-Sn-115  
-41.32 To 9999. %



MAT 5034

MT= 75 (n,n') Level  
Cross Section

50-Sn-115  
-58.95 To 54.00 %

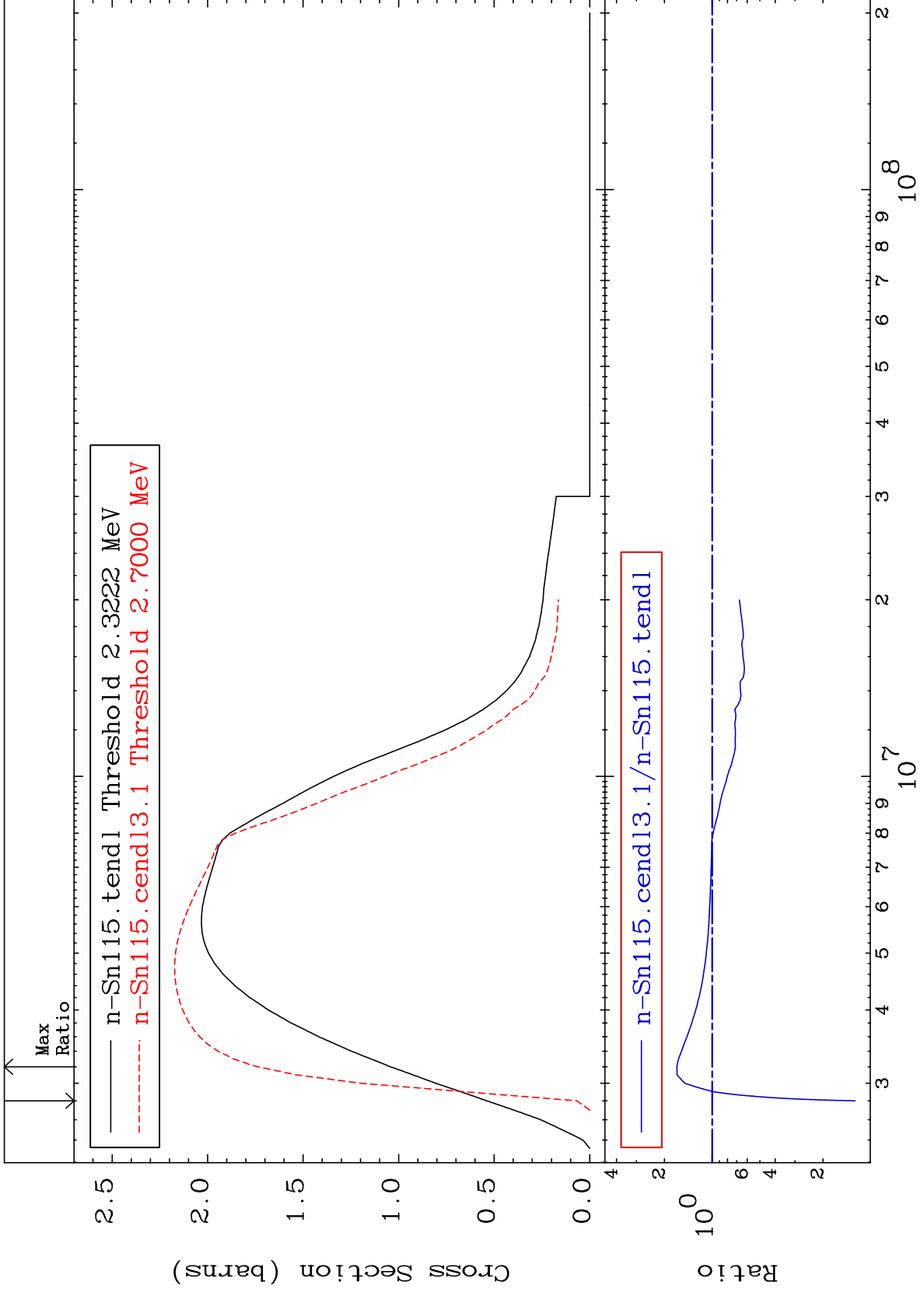




MAT 5034

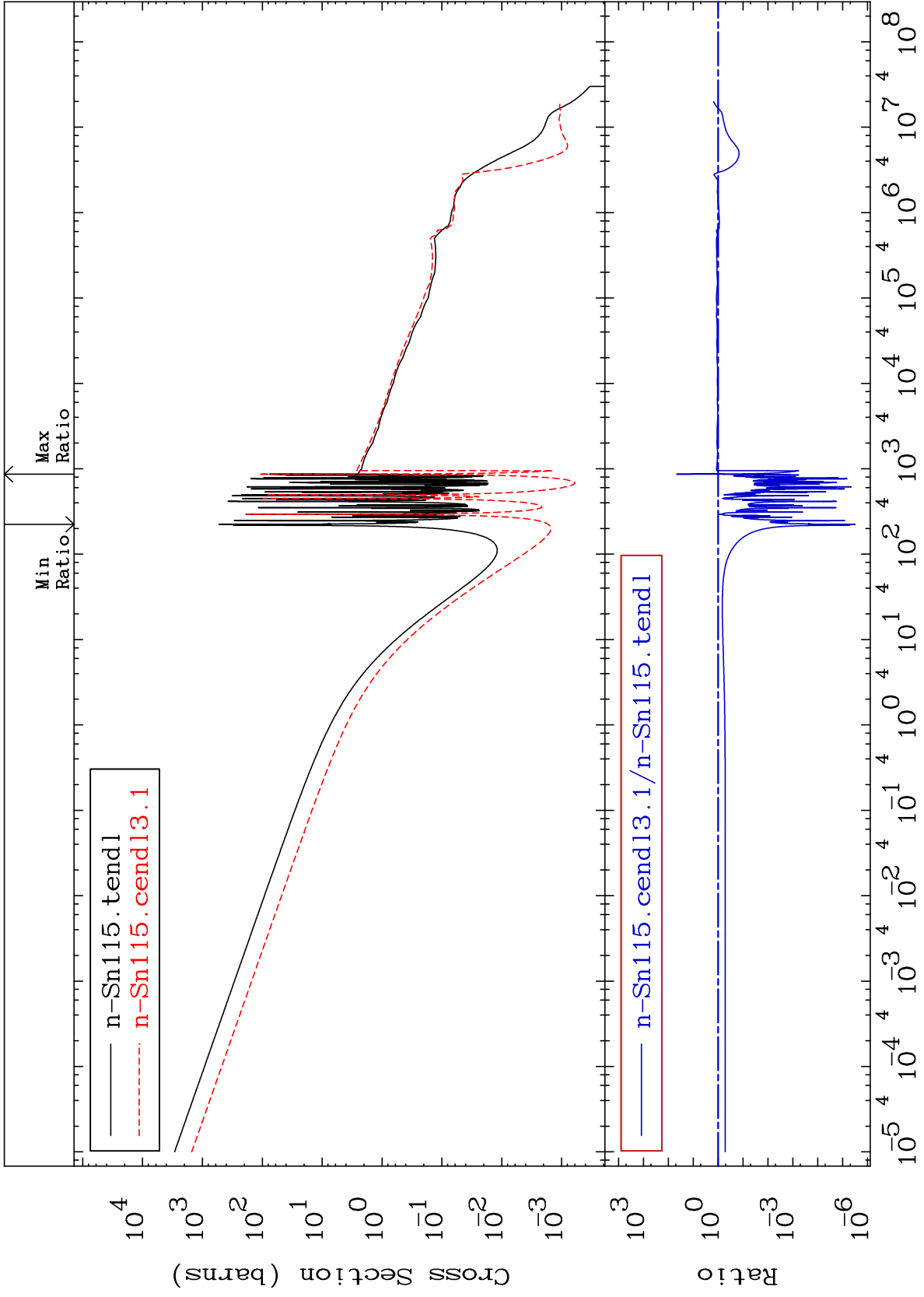
(n, n') Continuum  
Cross Section

50-Sn-115  
-87.47 To 66.58 %



MAT 5034

(n,  $\gamma$ )  
Cross Section  
50-Sn-115  
-100.0 To 4430. %



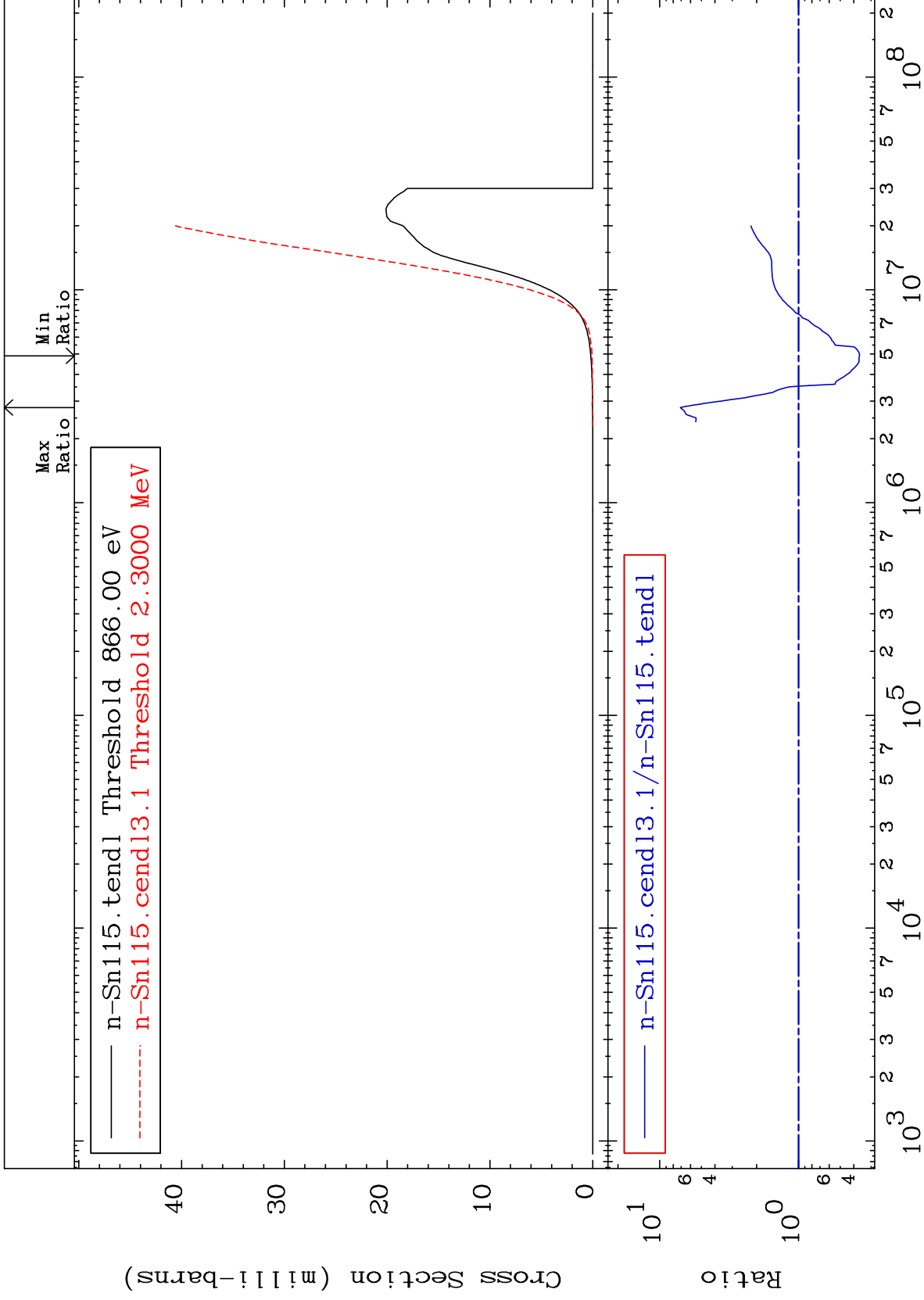
MAT 5034

(n,p)

Cross Section

50-Sn-115

-63.61 To 609.7 %



35

50-Sn-115

50-Sn-115

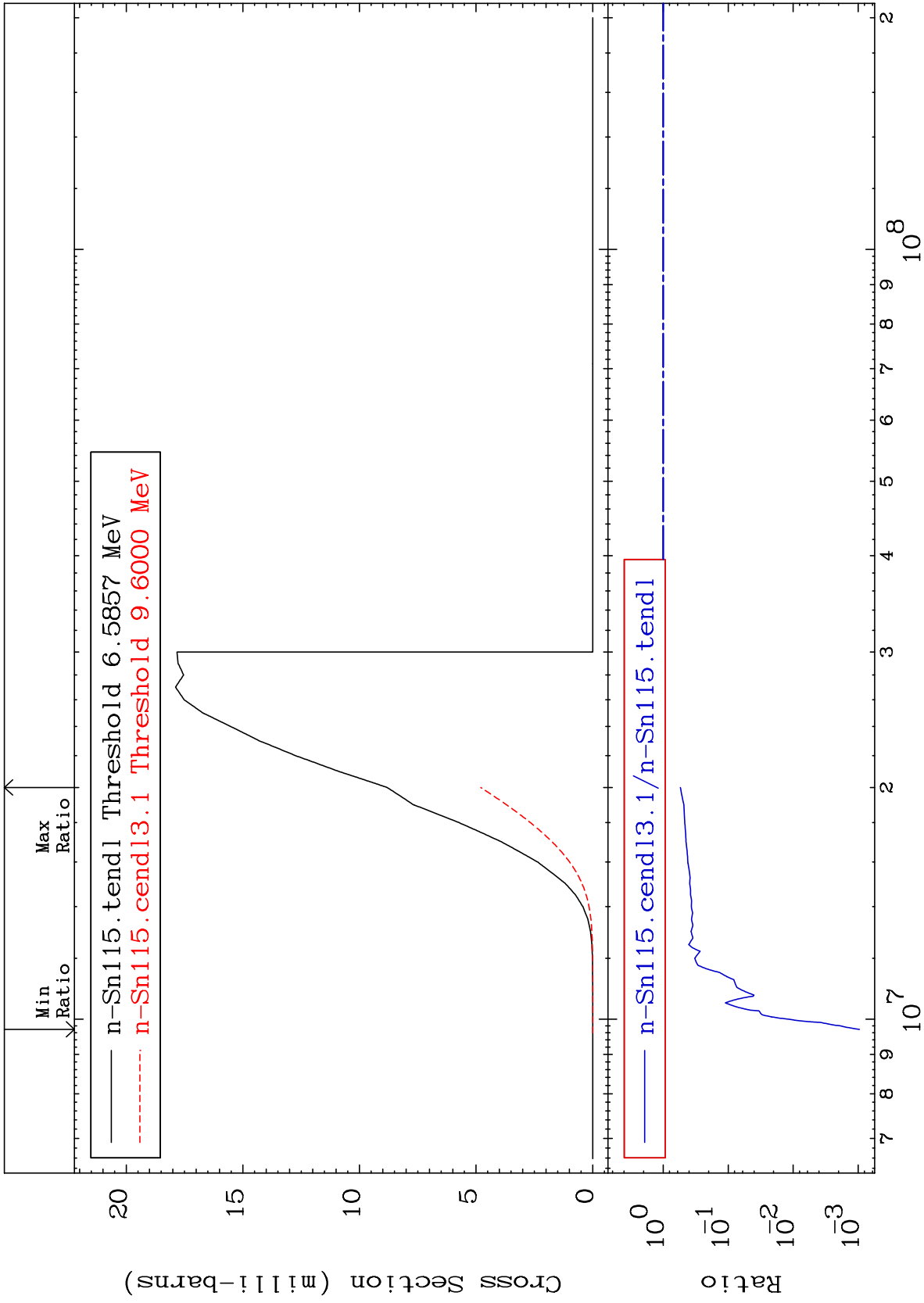
MAT 5034

(n, d)

50-Sn-115

Cross Section

-99.90 To -45.55%



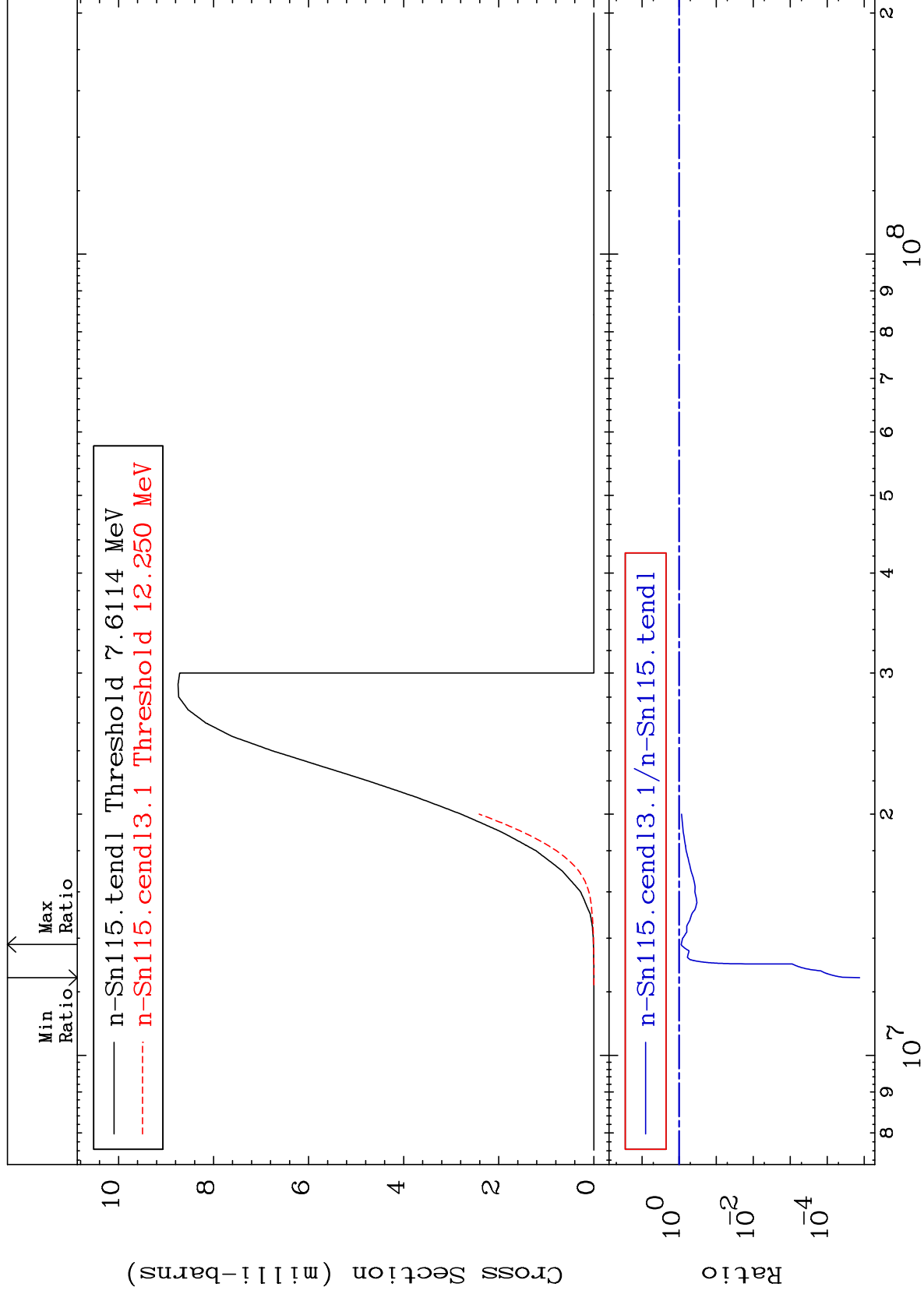
MAT 5034

(n, t)

50-Sn-115

Cross Section

-100.0 To -11.96%



37

Incident Energy (eV)

50-Sn-115

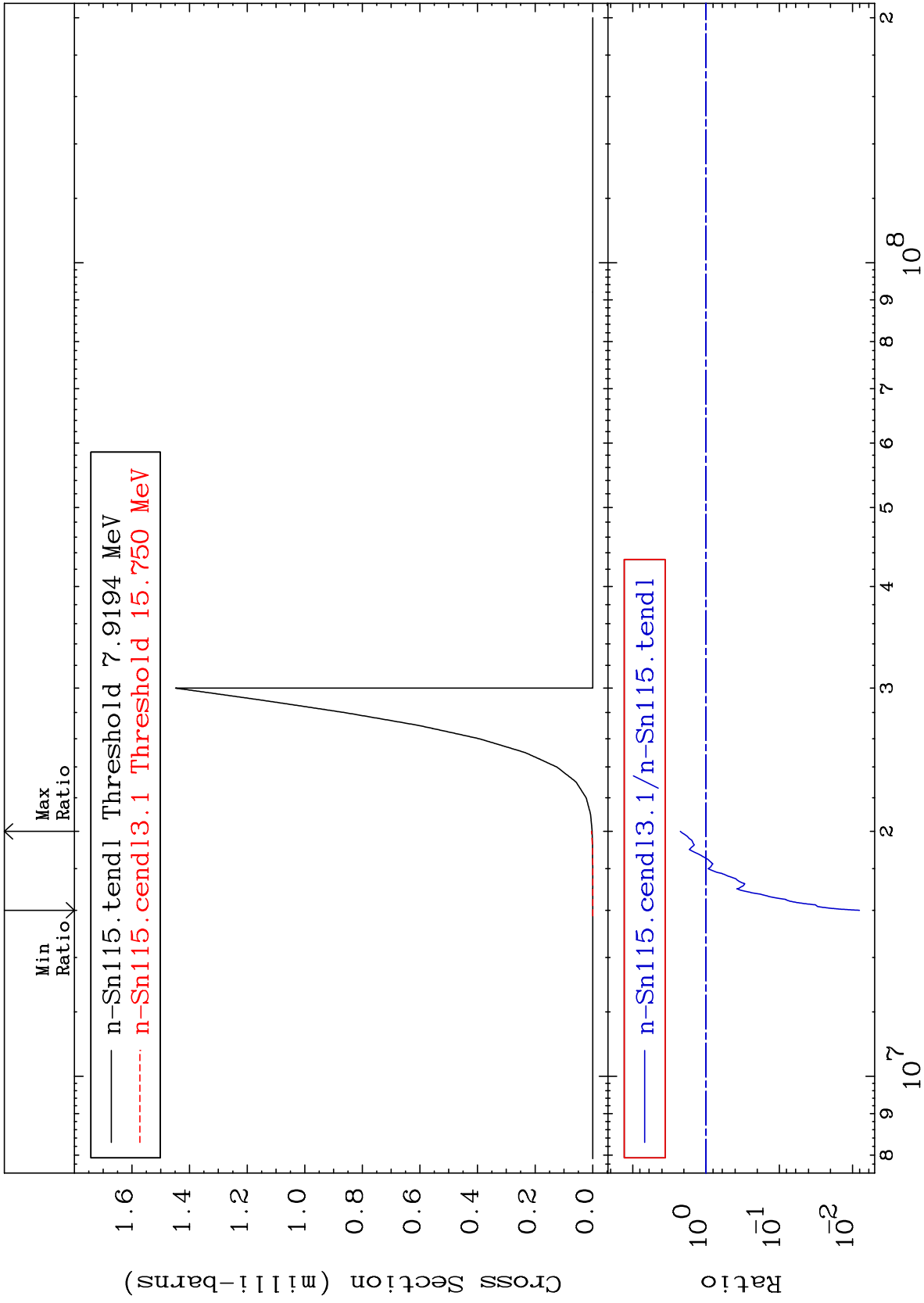
MAT 5034

(n, He-3)

50-Sn-115

Cross Section

-99.19 To 123.8 %



38

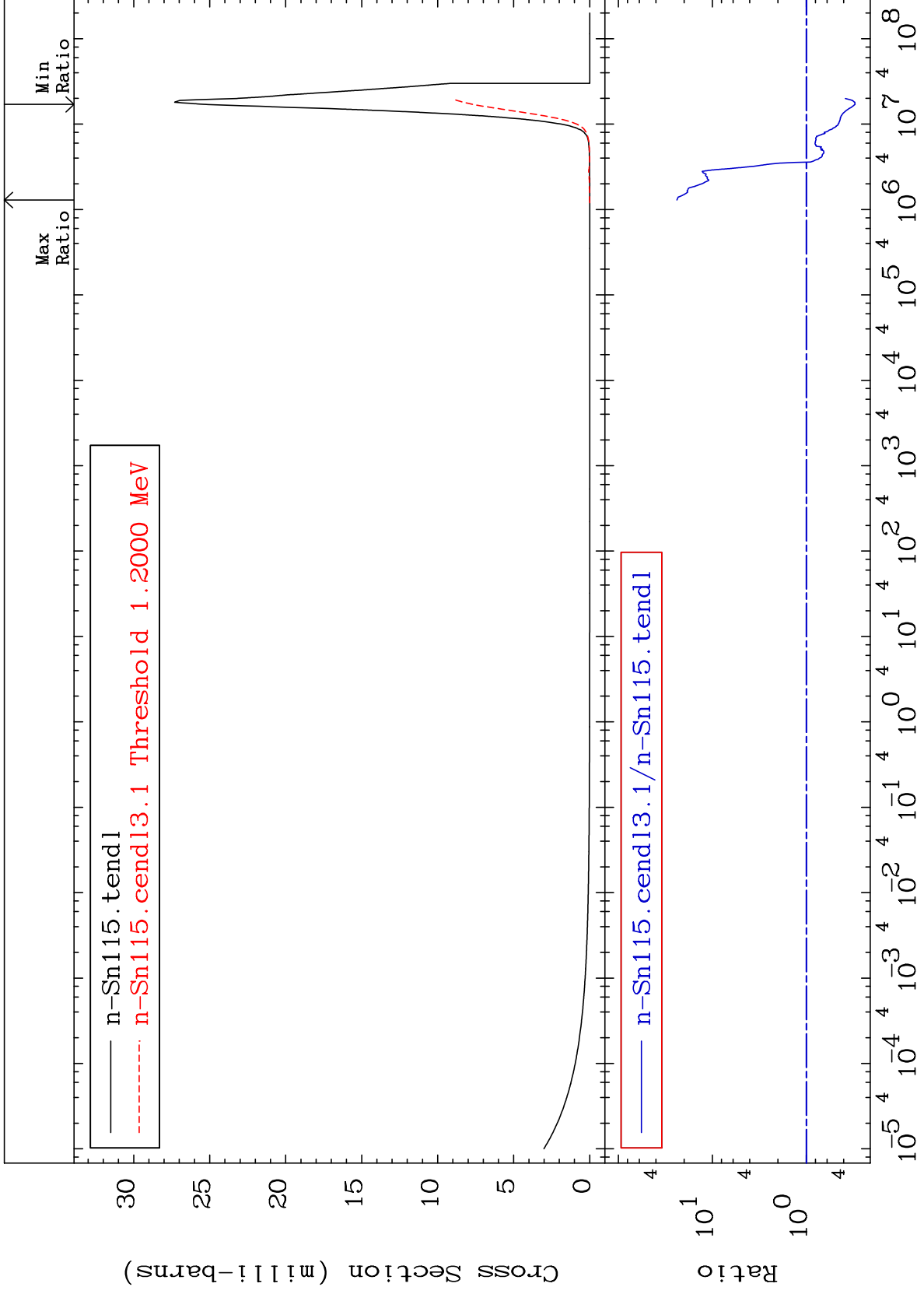
Incident Energy (eV)

50-Sn-115

MAT 5034

(n,  $\alpha$ )  
Cross Section

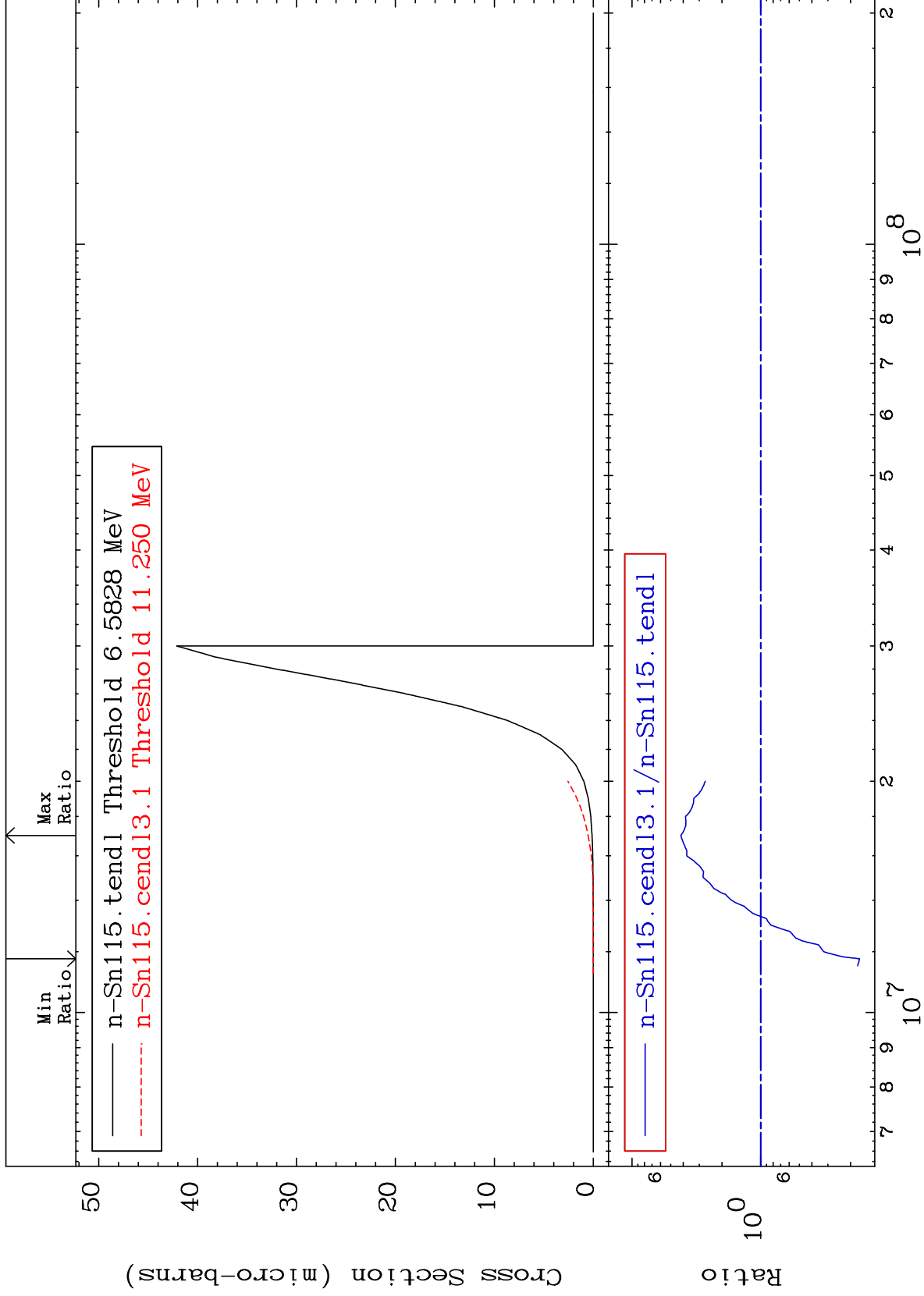
50-Sn-115  
-69.79 To 2285. %



MAT 5034

(n,2p)  
Cross Section

50-Sn-115  
-82.98 To 317.5 %

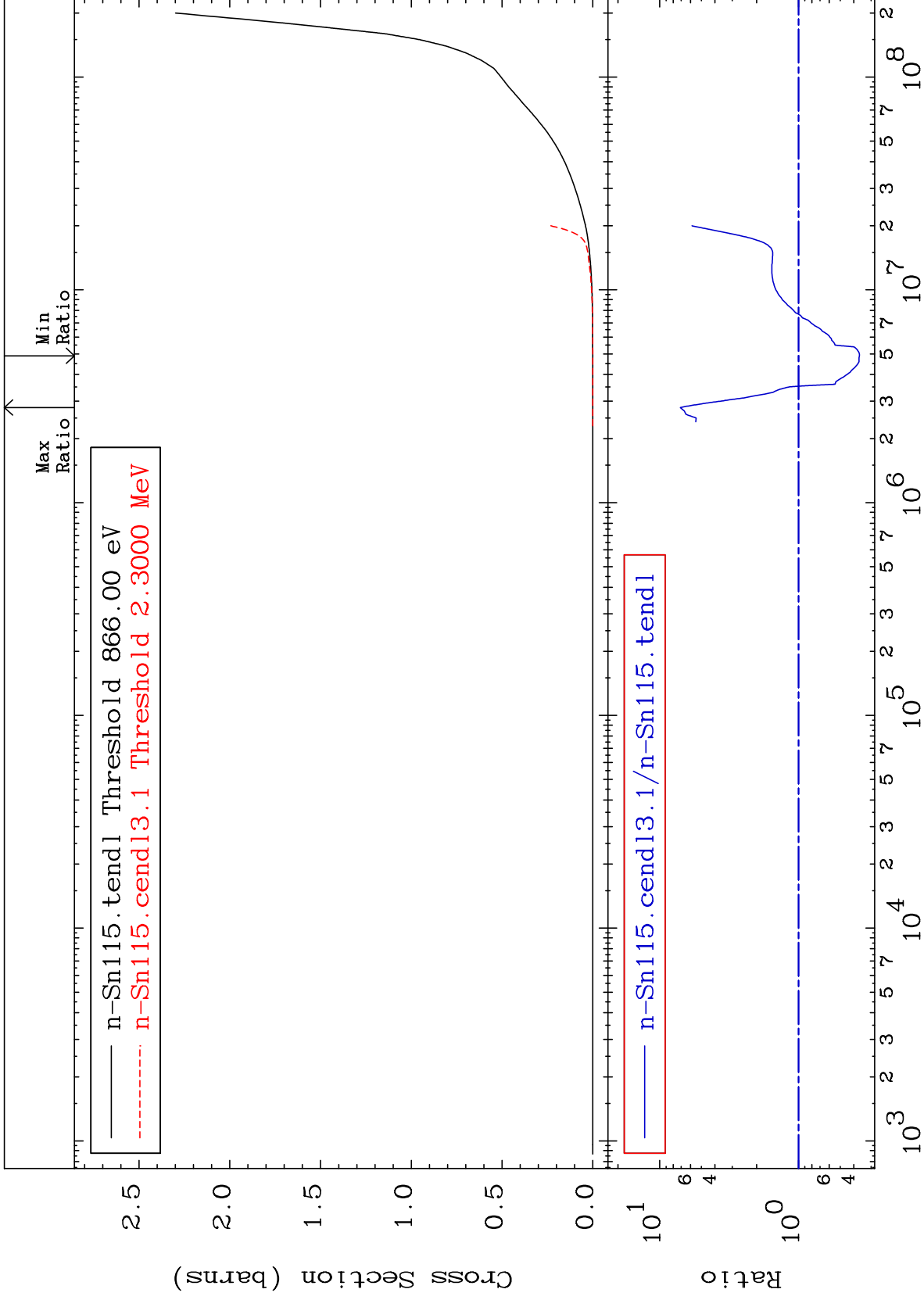


40

Incident Energy (eV)

50-Sn-115

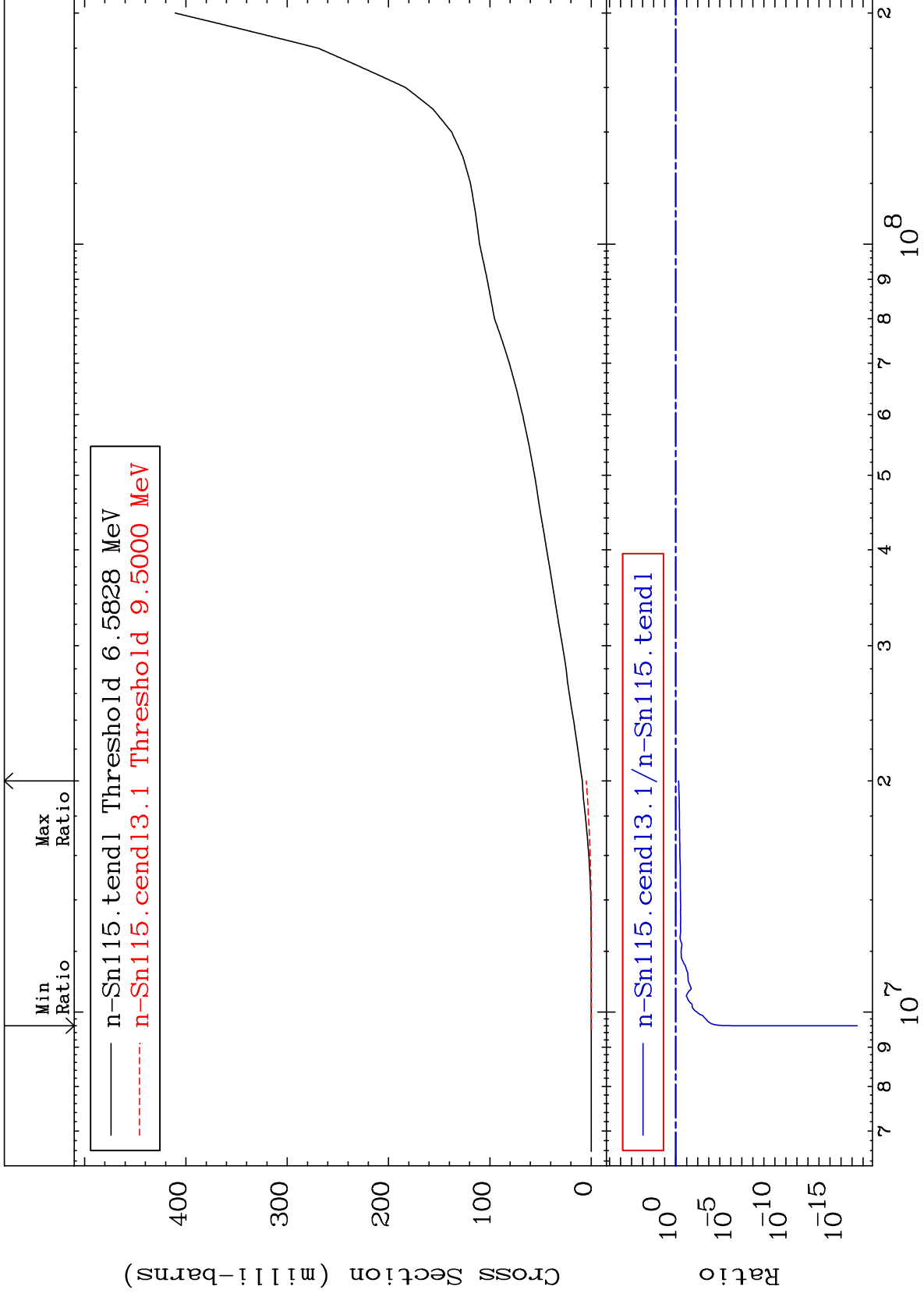




MAT 5034

Deuterium Production  
Cross Section

50-Sn-115  
-100.0 To -45.78%



42

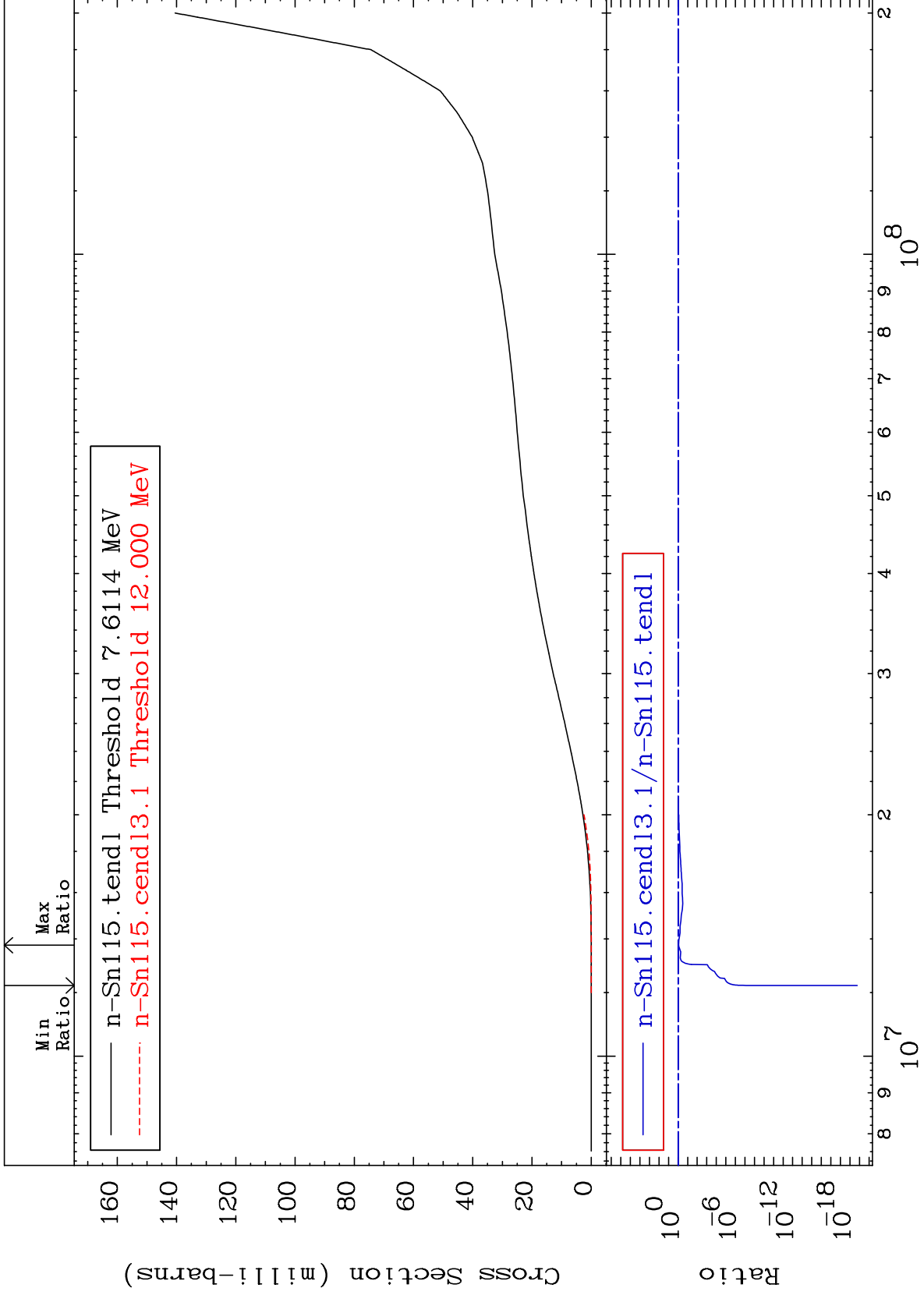
Incident Energy (eV)

50-Sn-115

MAT 5034

Tritium Production  
Cross Section

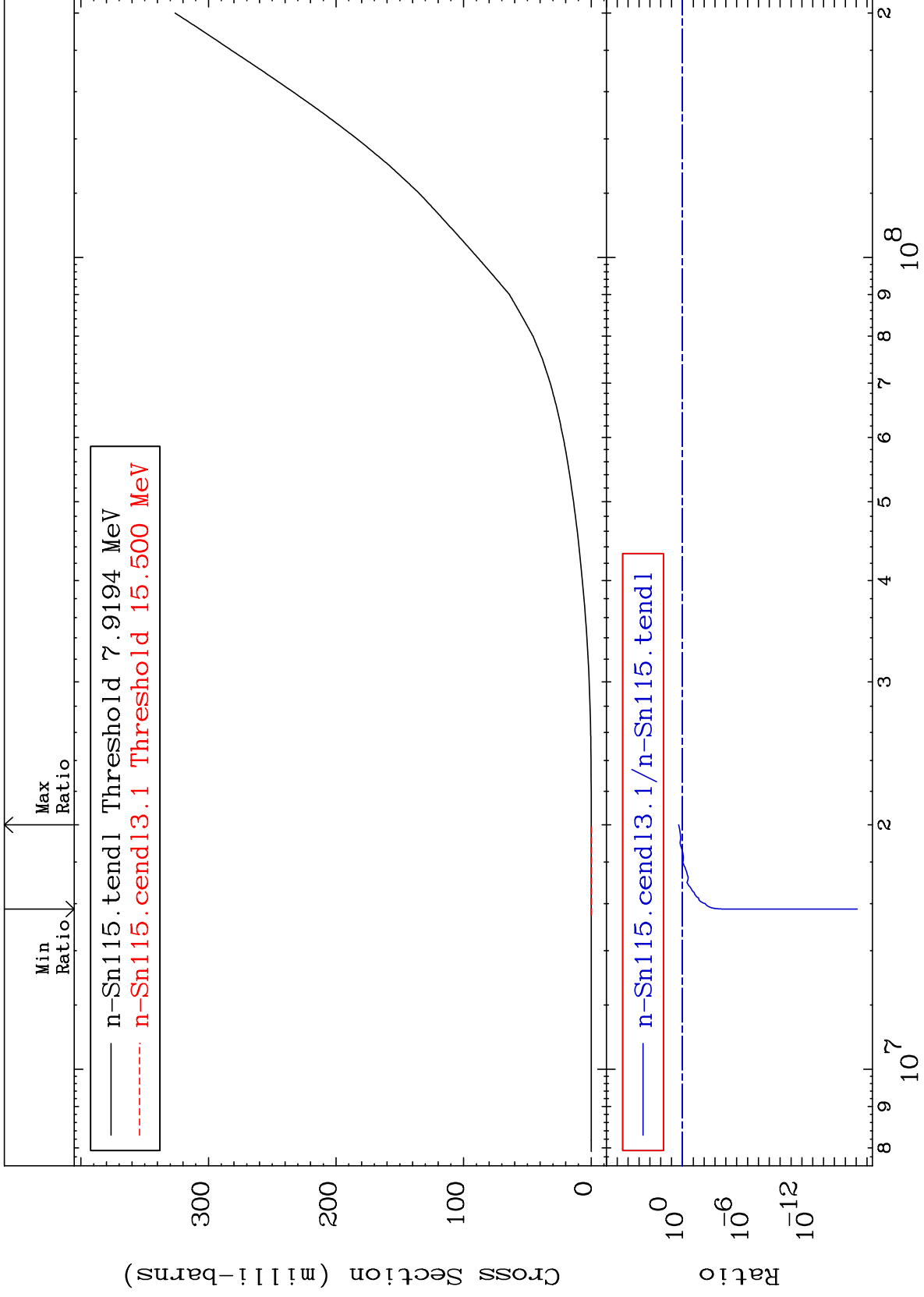
50-Sn-115  
-100.0 To -11.96%

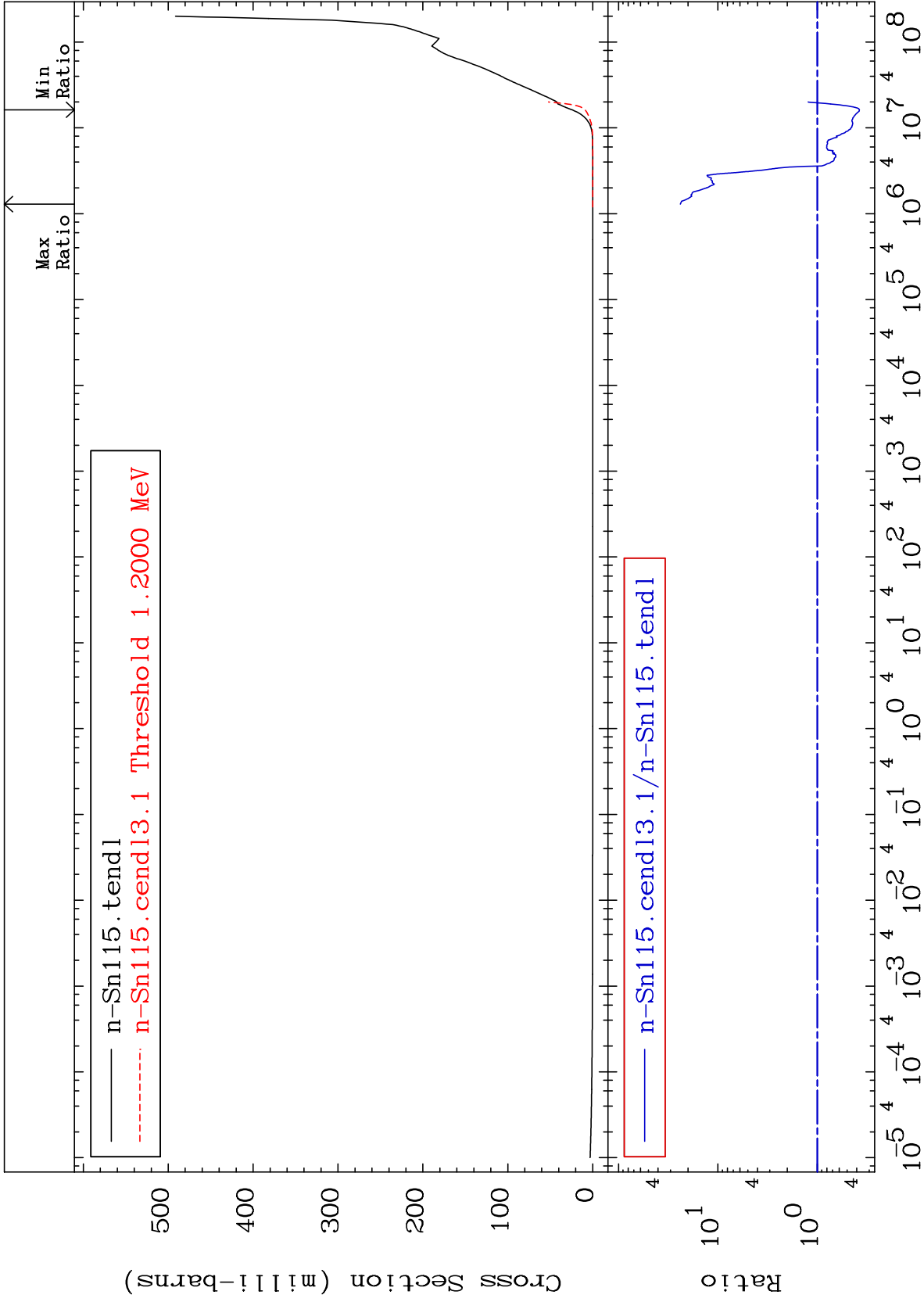


MAT 5034

He-3 Production  
Cross Section

50-Sn-115  
-100.0 To 123.8 %



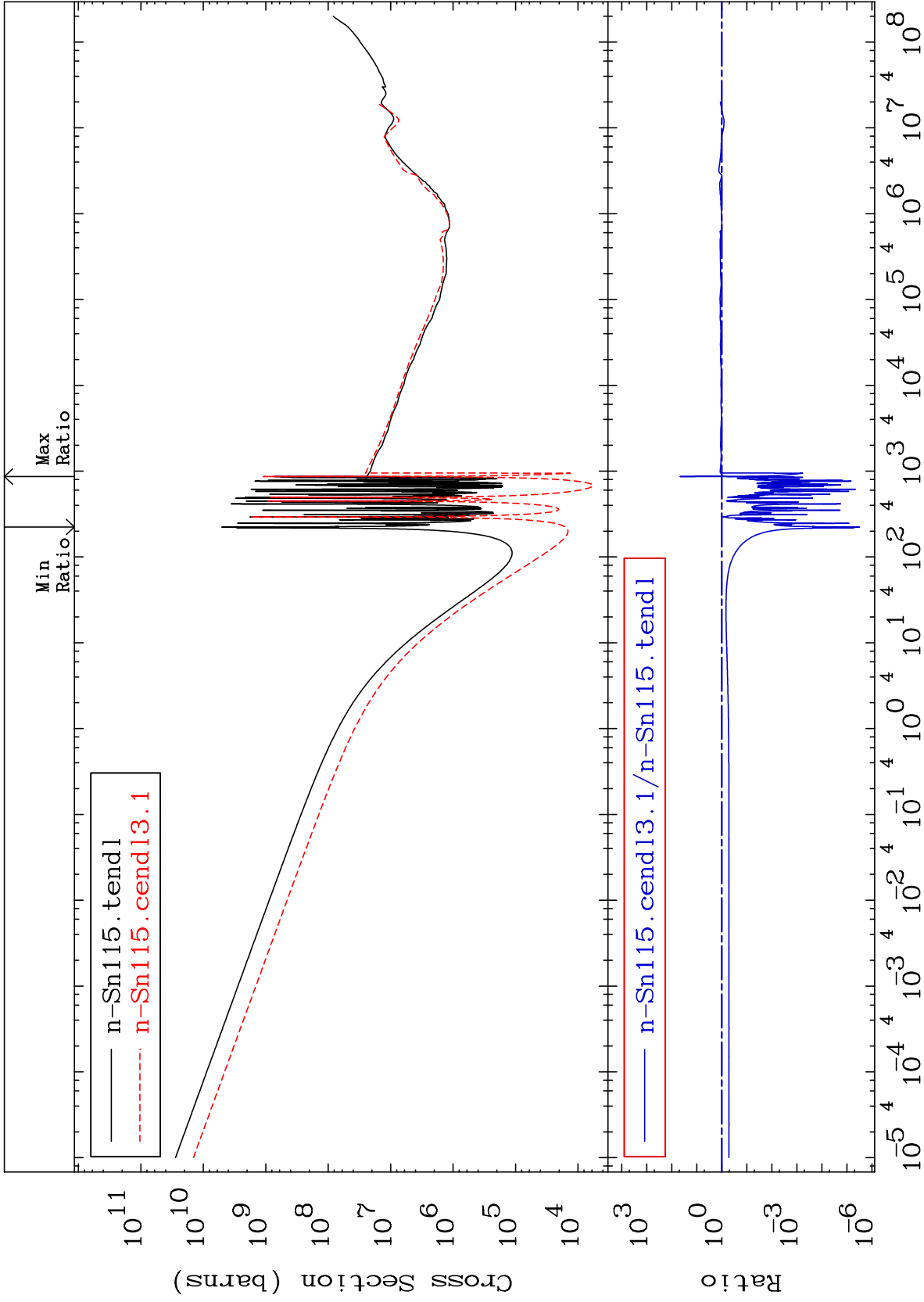


MAT 5034

Kerma total (eV-barns)

50-Sn-115

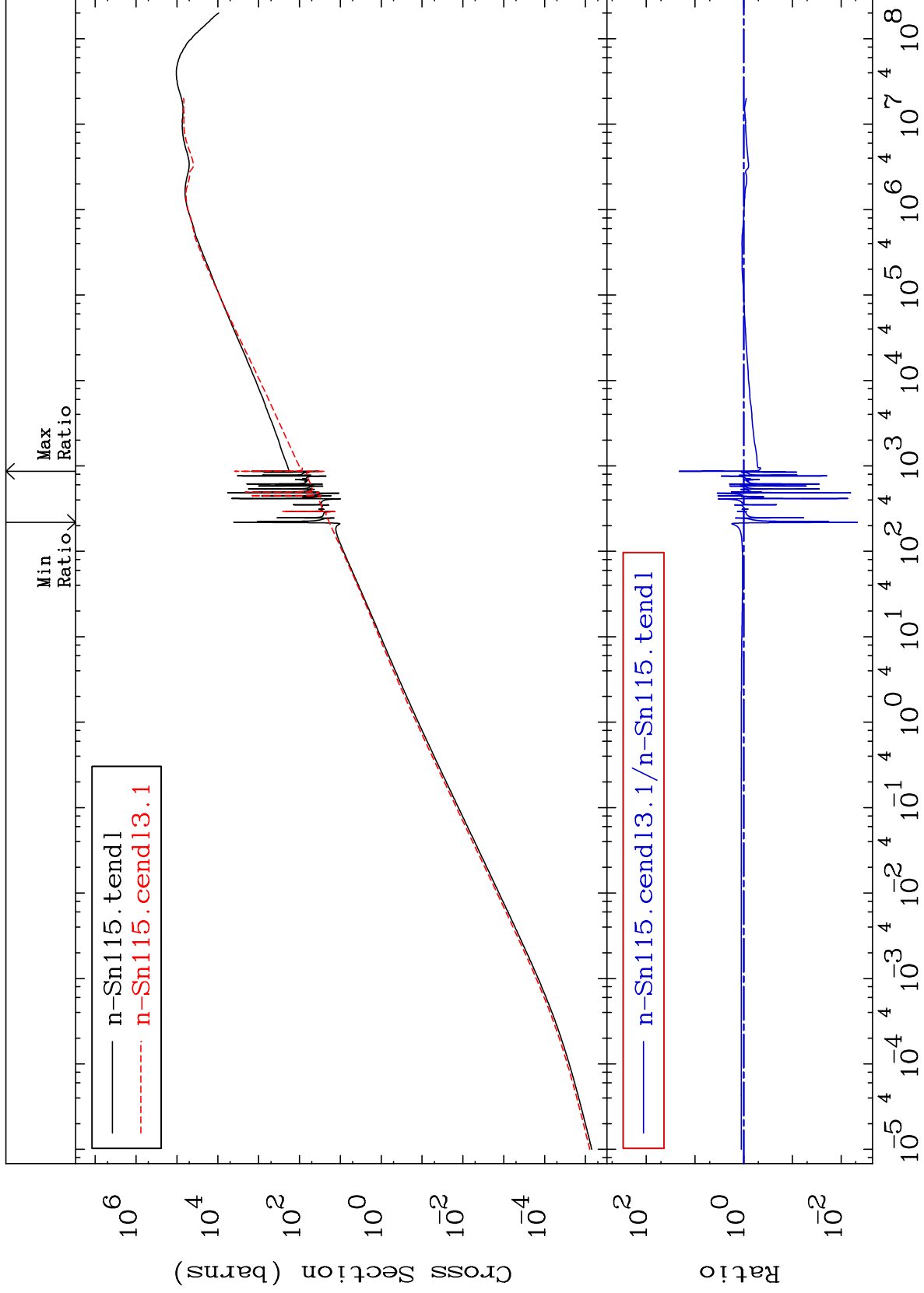
-100.0 To 4430. %

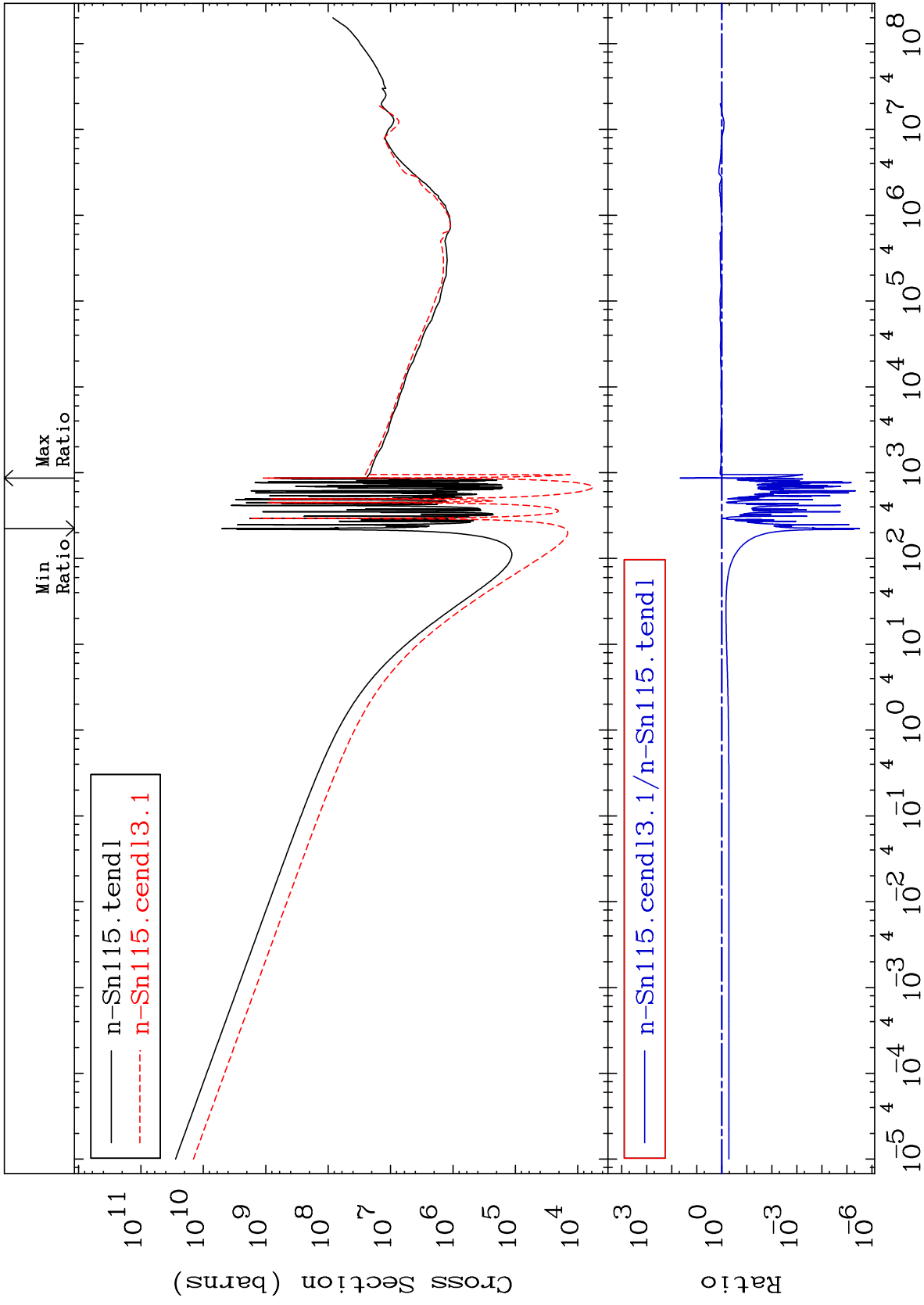


MAT 5034

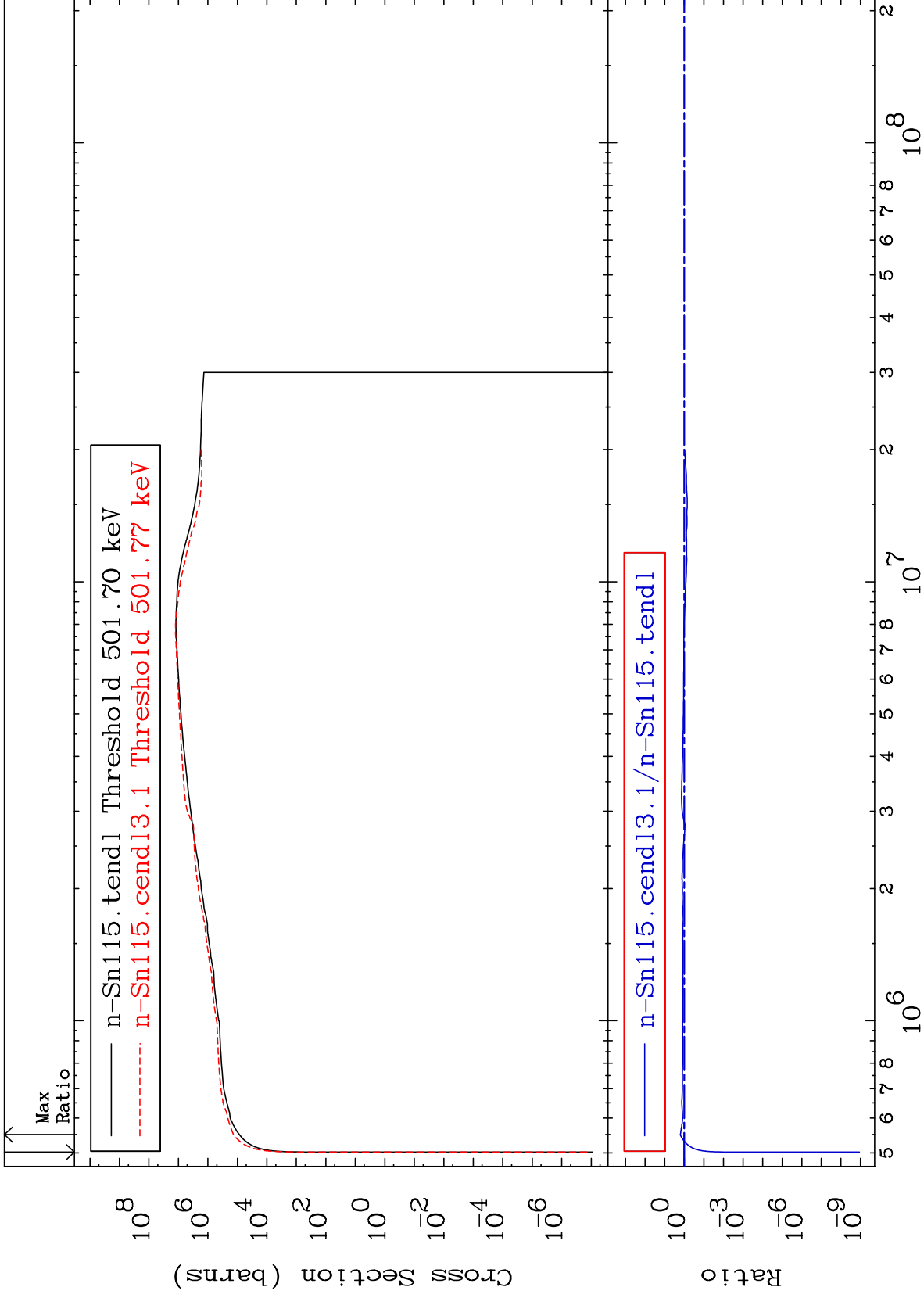
Kerma elastic  
Cross Section

50-Sn-115  
-99.54 To 2023. %





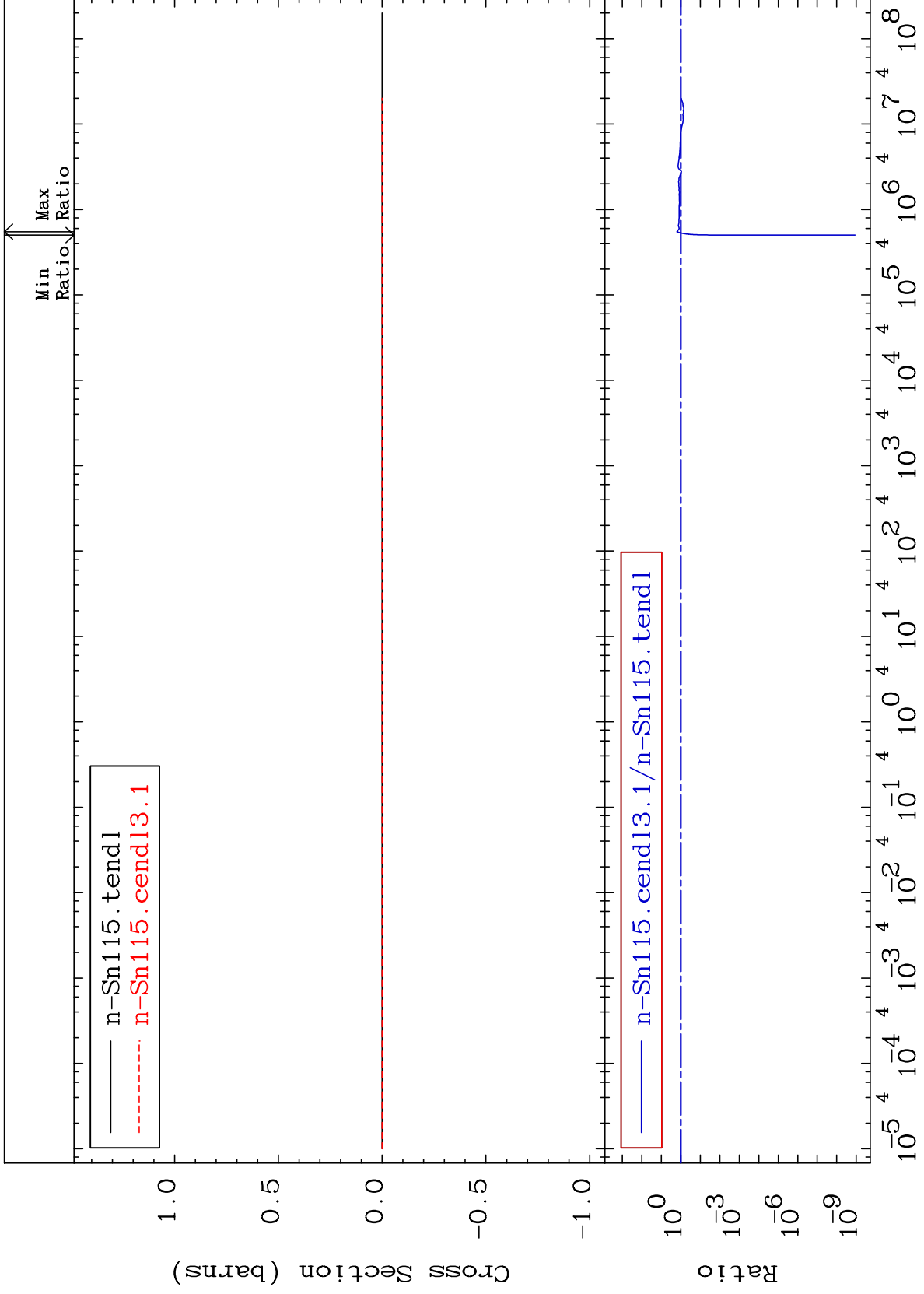




MAT 5034

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

50-Sn-115  
-100.0 To 58.79 %



50

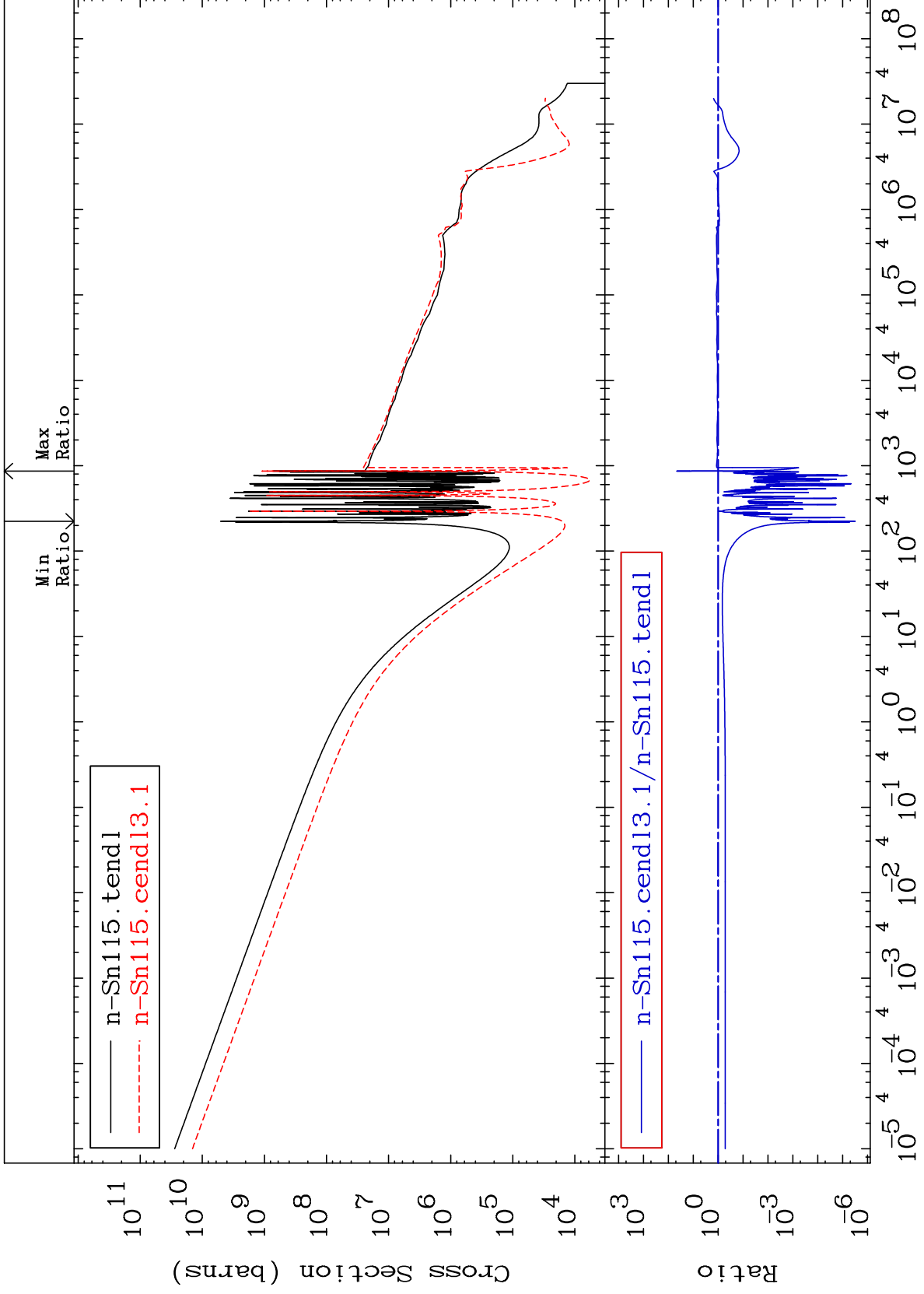
Incident Energy (eV)

50-Sn-115

MAT 5034

Kerma capture (mt102)  
Cross Section

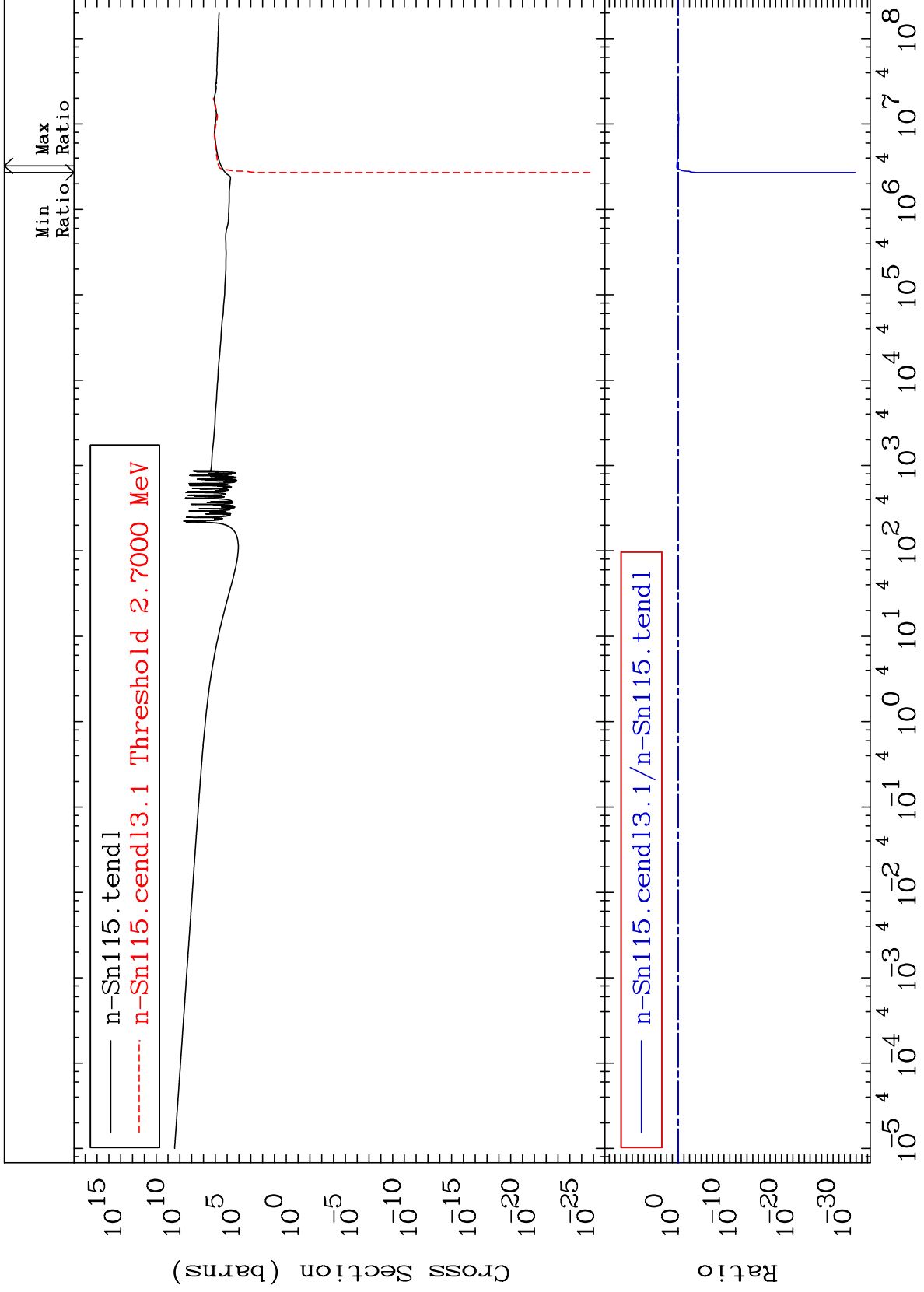
50-Sn-115  
-100.0 To 4430. %

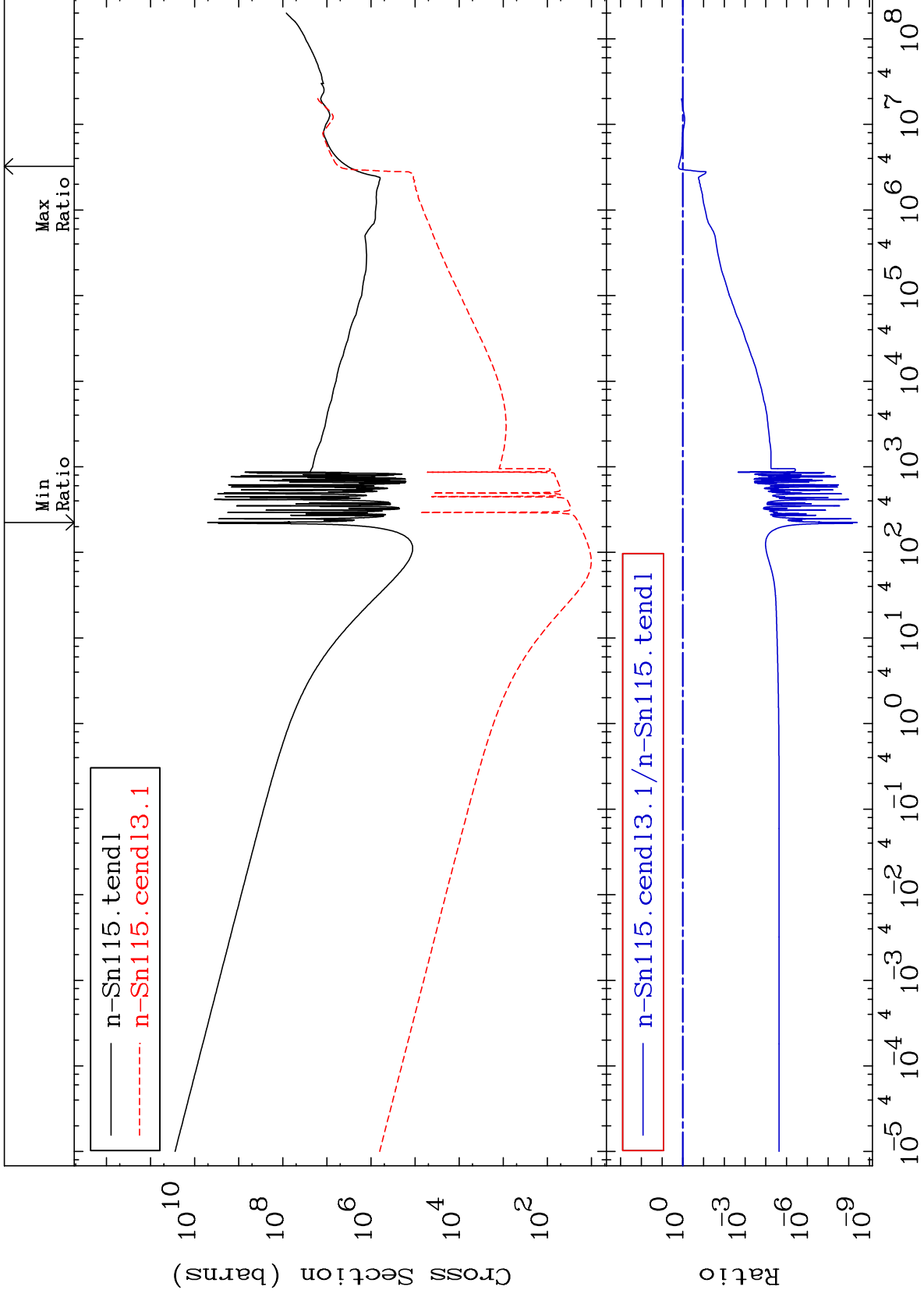


MAT 5034

Total photon (eV-barns)  
Cross Section

50-Sn-115  
-100.0 To 61.68 %



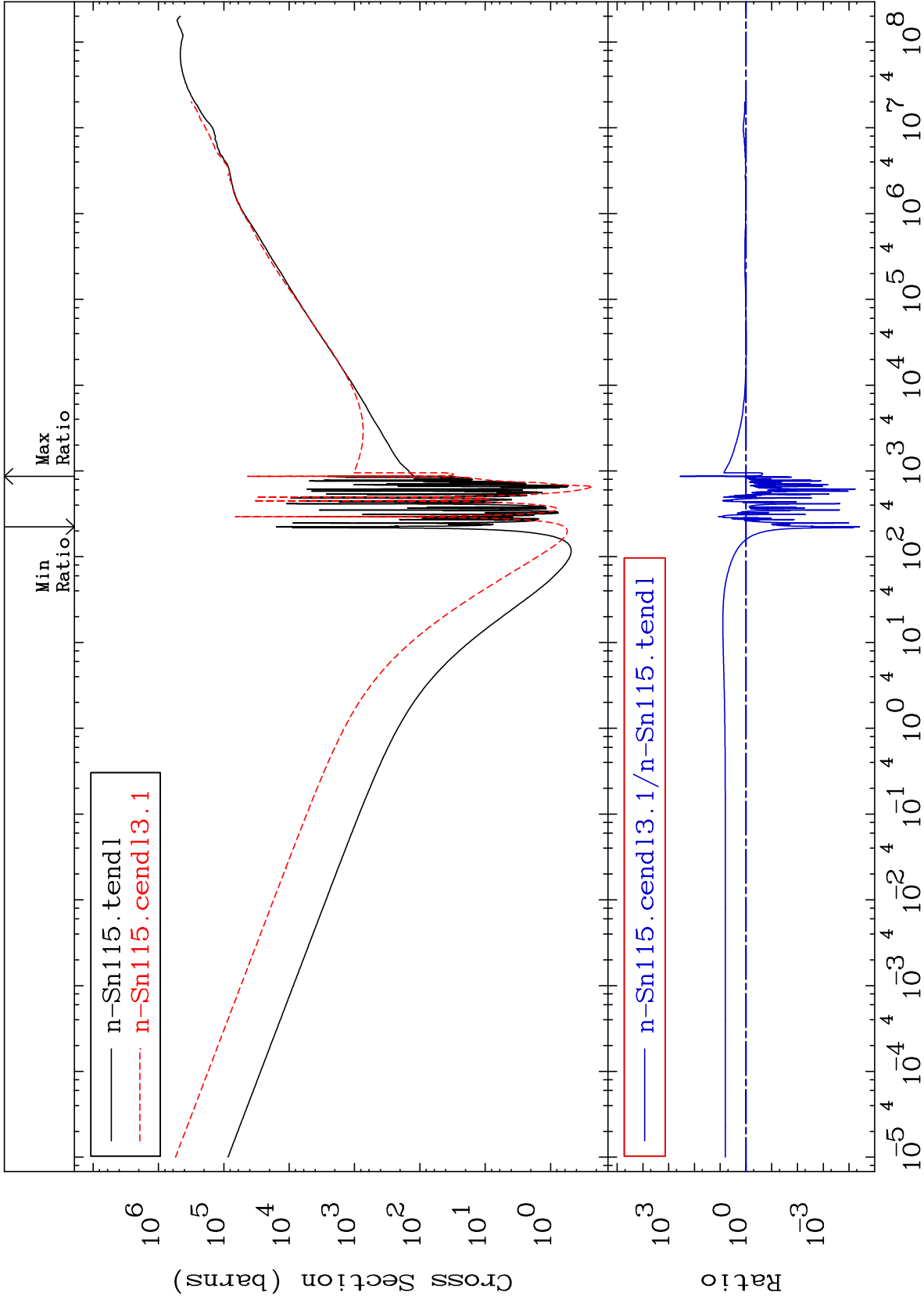


MAT 5034

Dpa total (eV-barns)

50-Sn-115

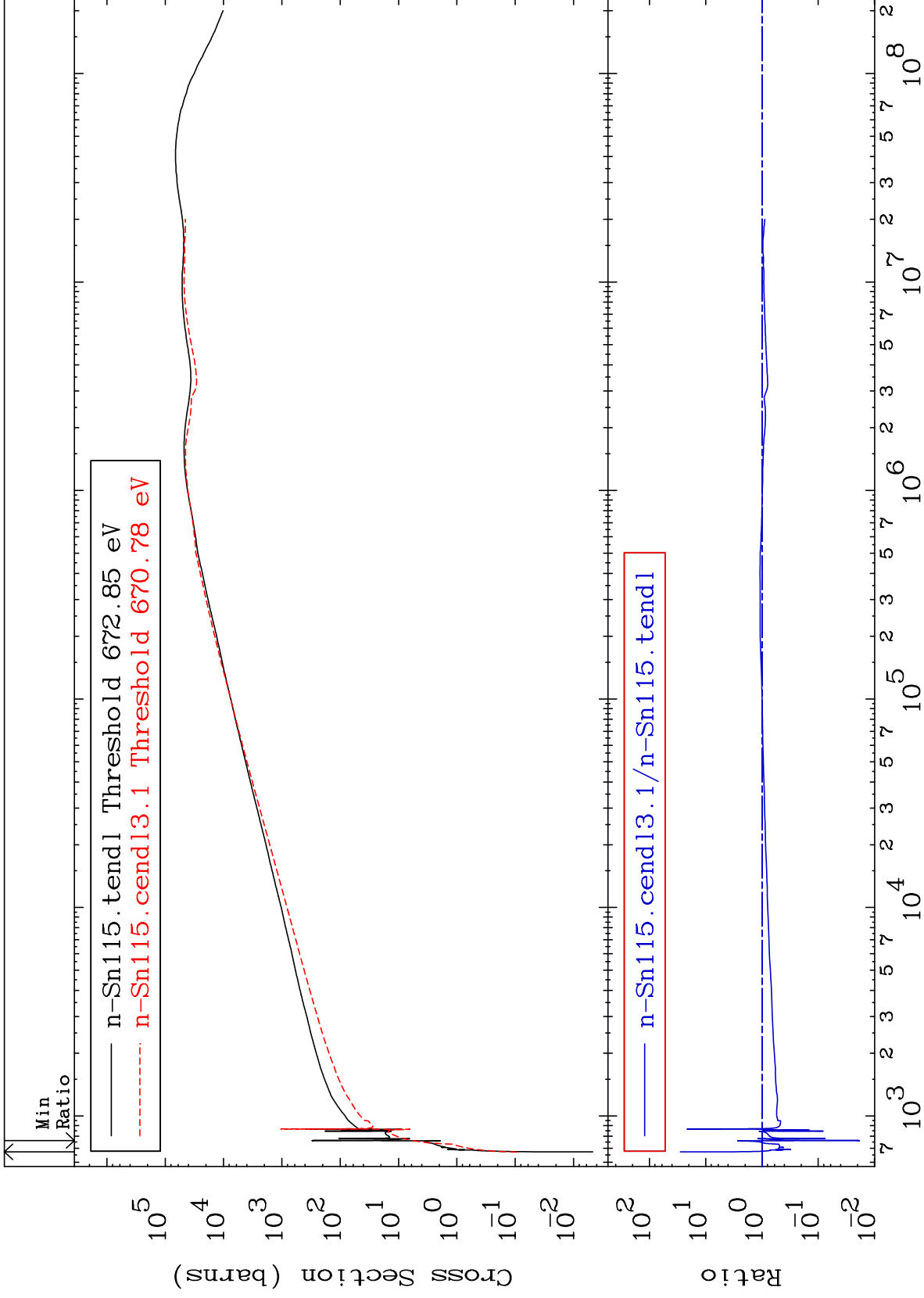
-100.0 To 9999. %



MAT 5034

Dpa elastic (mt2)  
Cross Section

50-Sn-115  
-98.15 To 2728. %



55

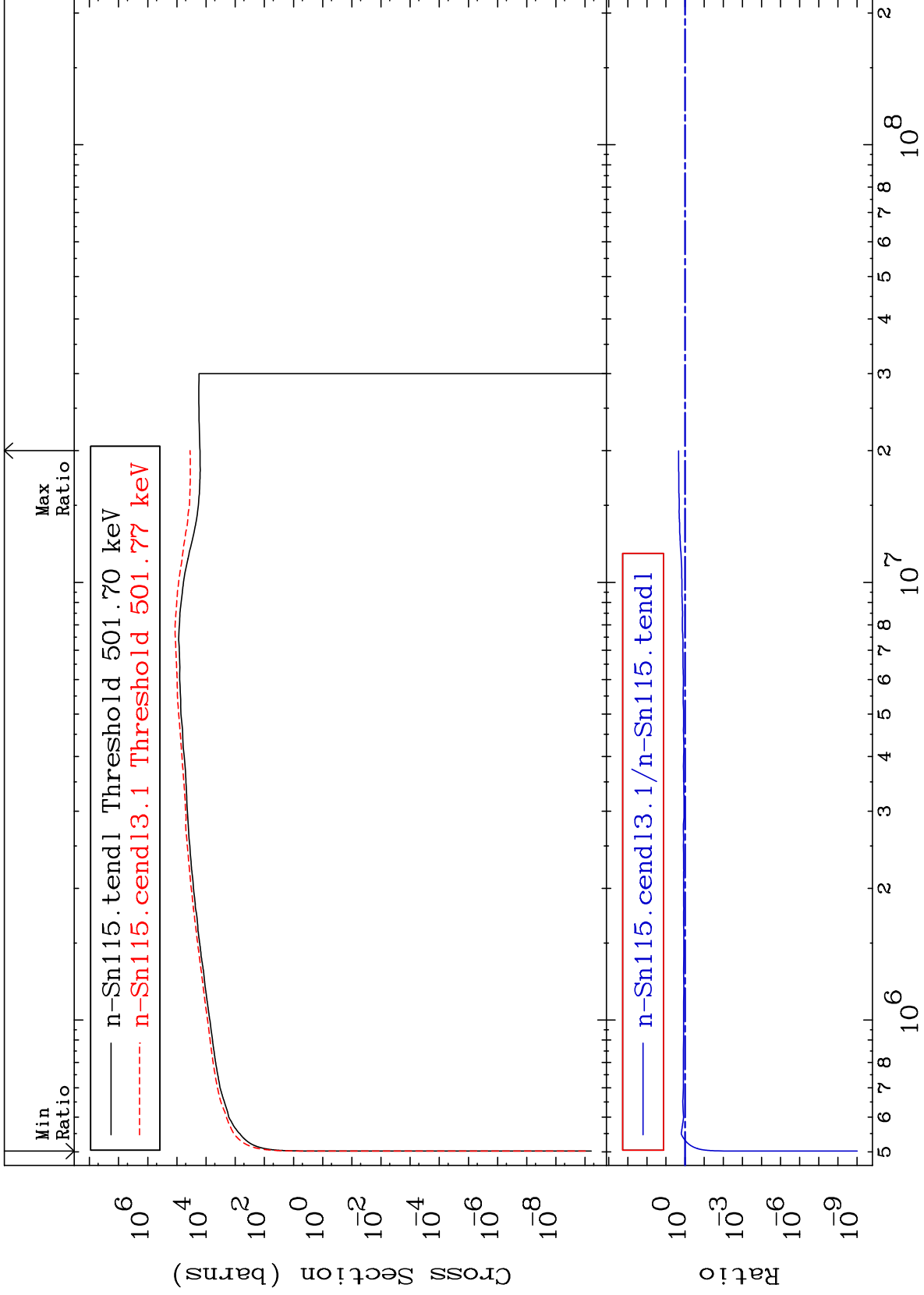
Incident Energy (eV)

50-Sn-115

MAT 5034

Dpa inelastic (mt51-91)  
Cross Section

50-Sn-115  
-100.0 To 117.8 %





MAT 5034

Dpa disappearance (mt102 -120)  
Cross Section

50-Sn-115  
-100.0 To 9999. %

