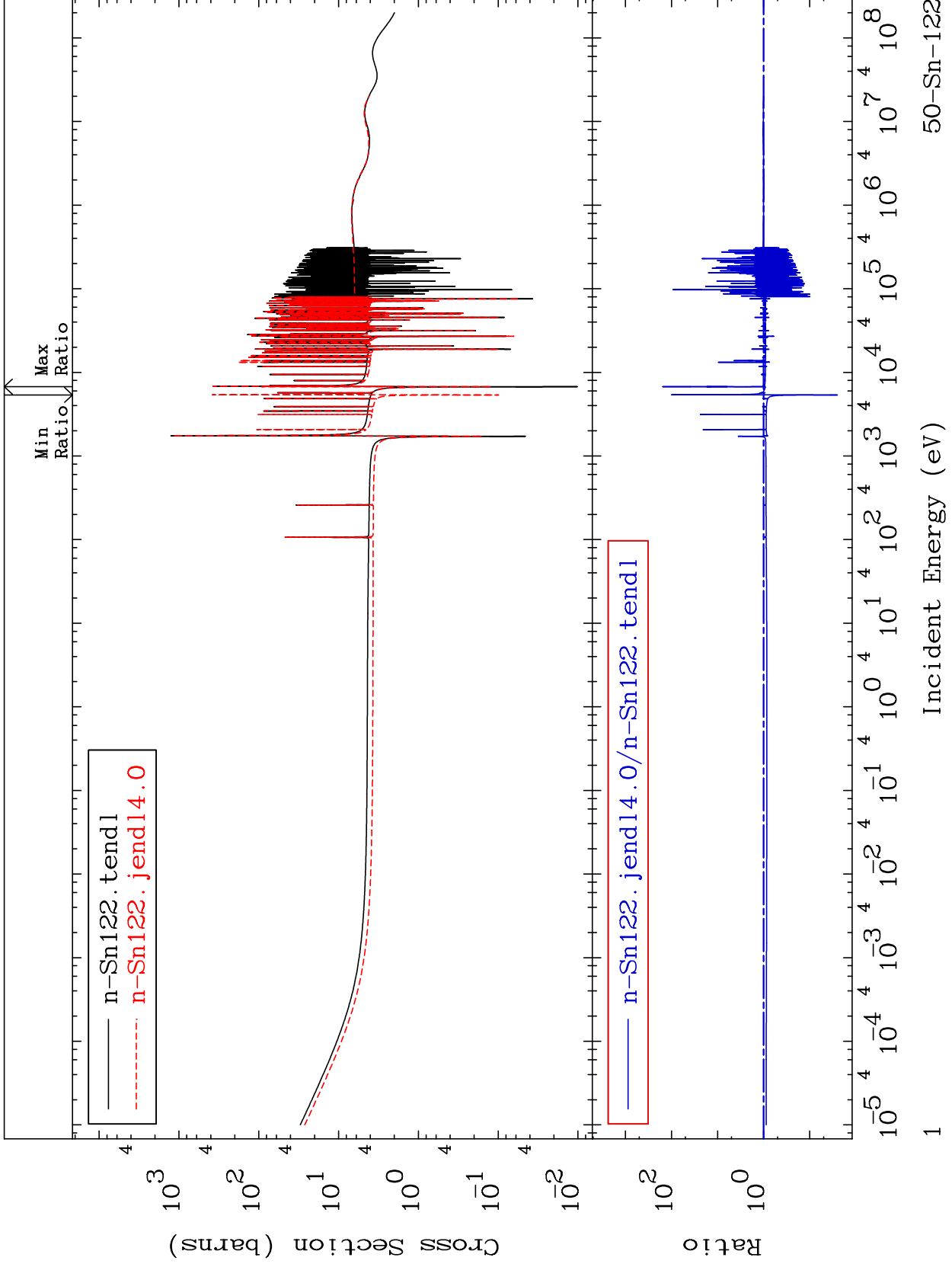


MAT 5055

Total  
Cross Section

50-Sn-122  
-97.48 To 9999. %

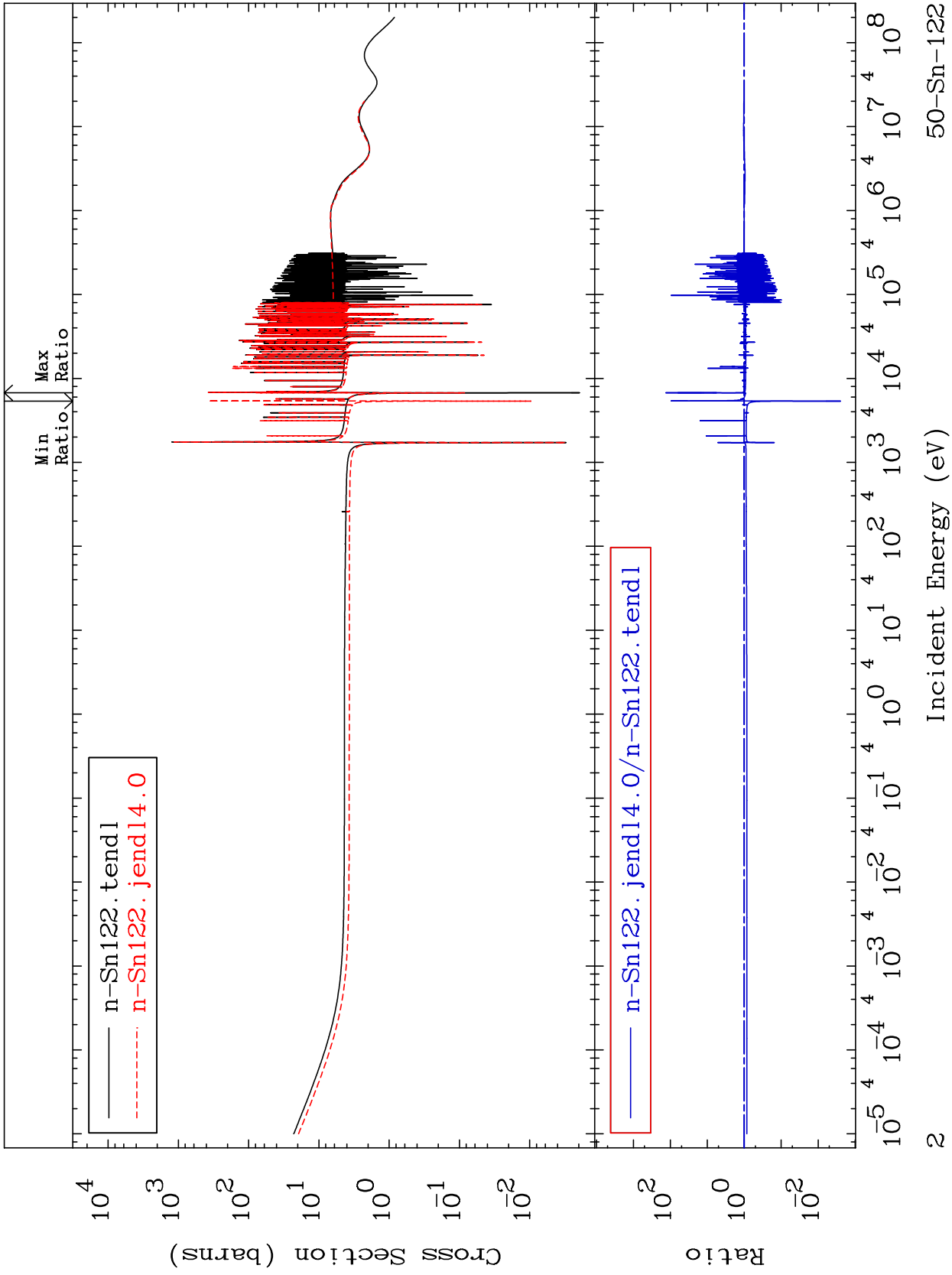


50-Sn-122

MAT 5055

Elastic  
Cross Section

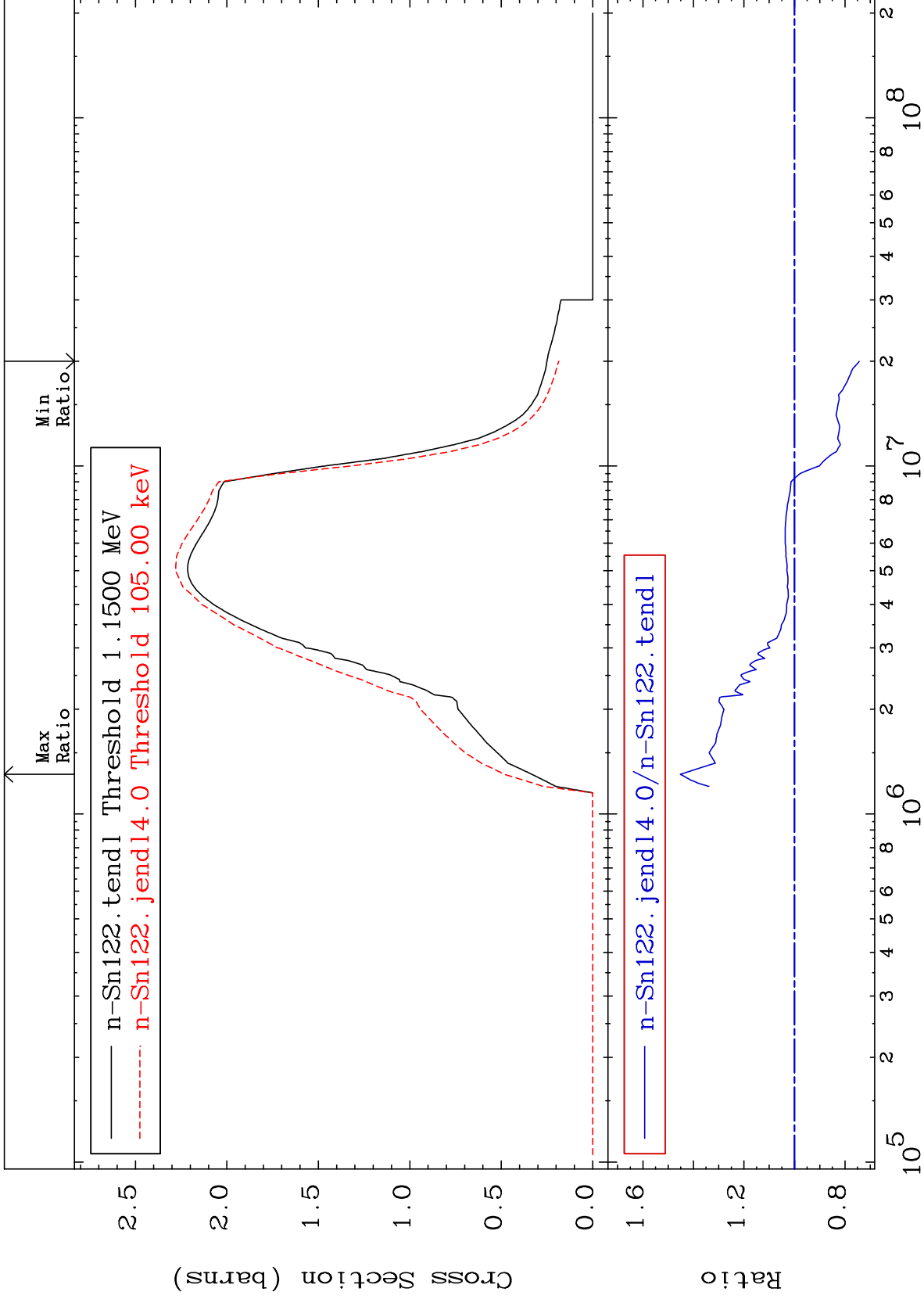
50-Sn-122  
-99.75 To 9999. %



MAT 5055

Inelastic  
Cross Section

50-Sn-122  
-25.71 To 45.18 %



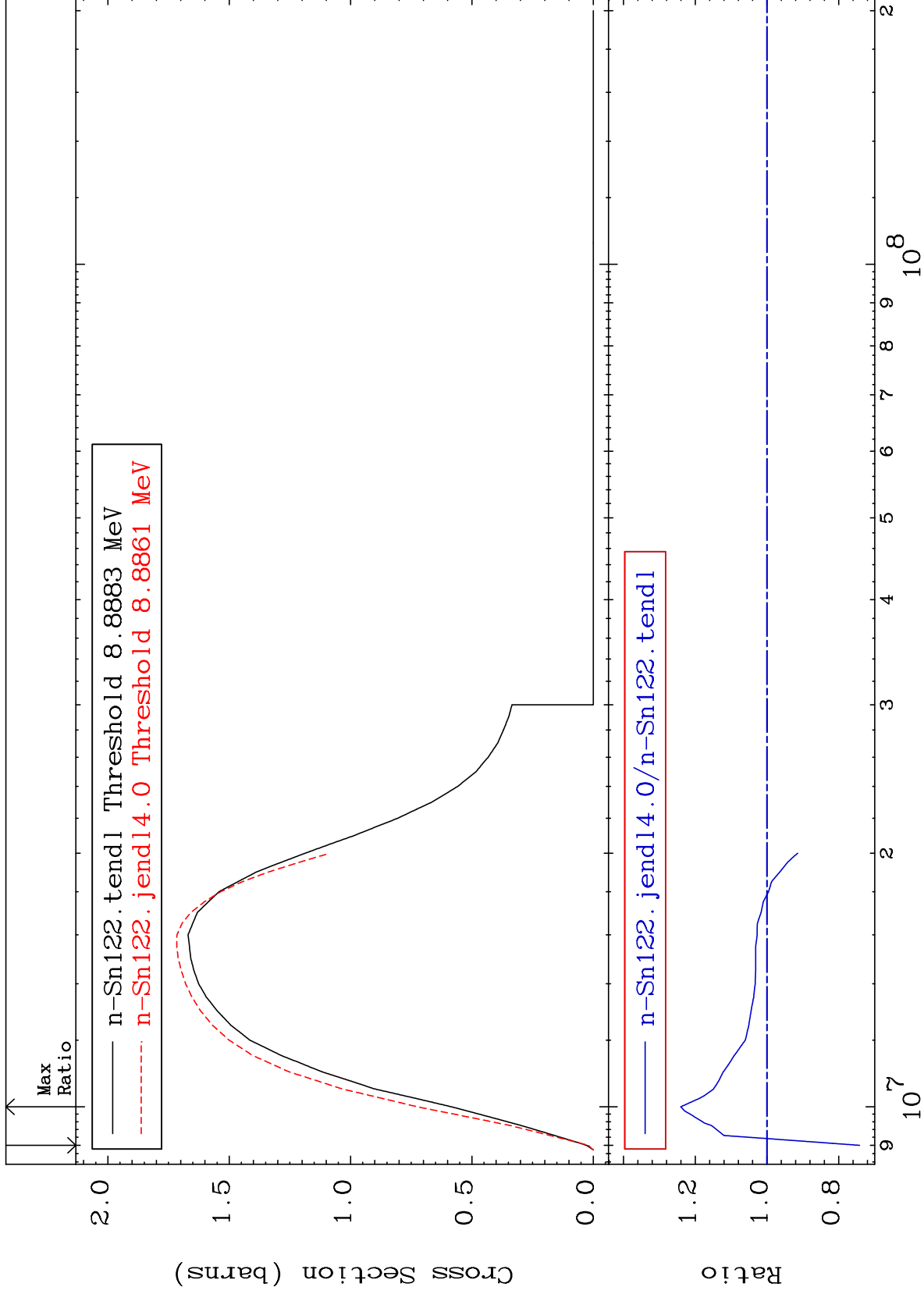
Incident Energy (eV)

50-Sn-122

MAT 5055

(n,2n)  
Cross Section

50-Sn-122  
-25.81 To 24.04 %



50-Sn-122

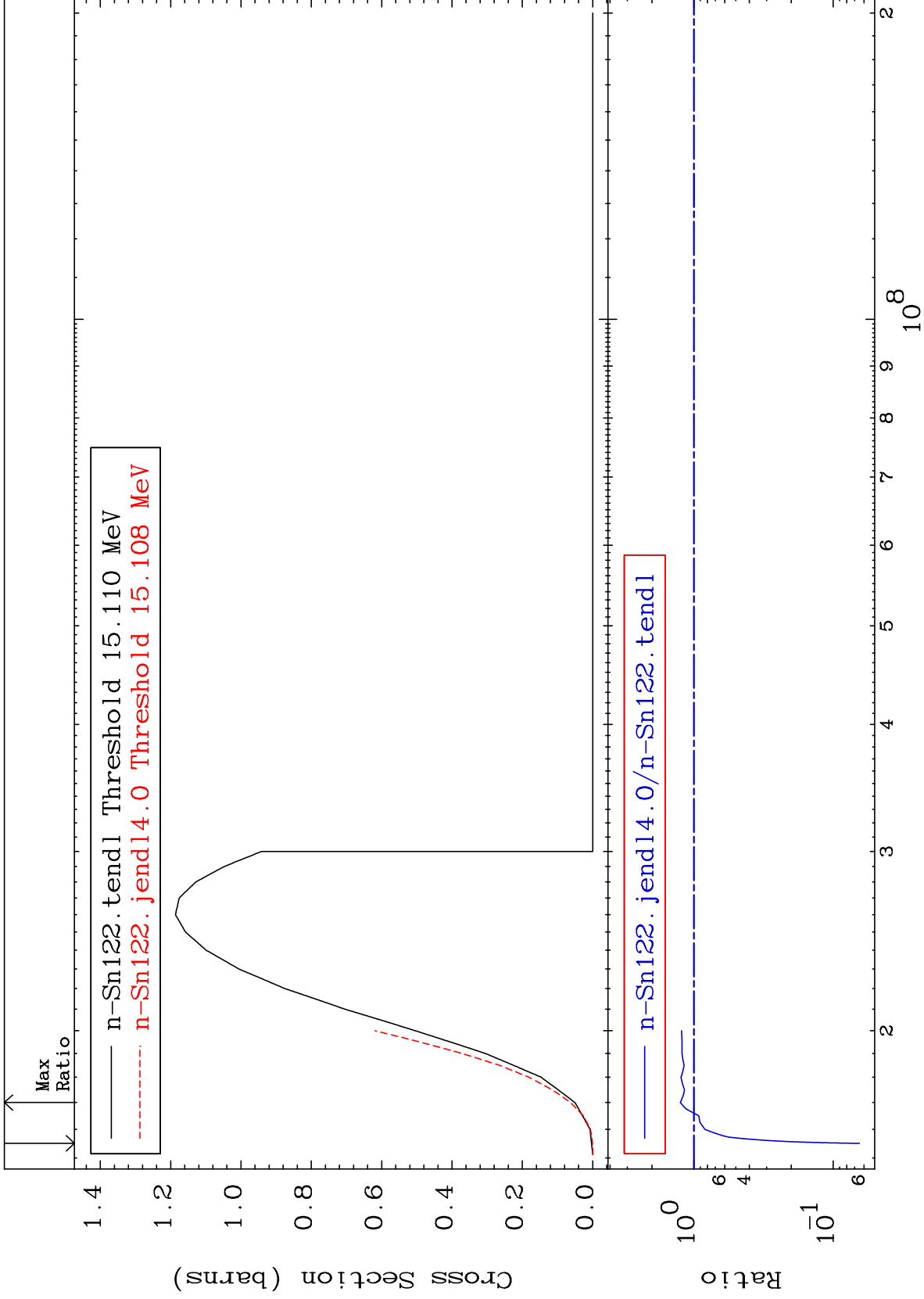
Incident Energy (eV)

4

MAT 5055

(n,3n)  
Cross Section

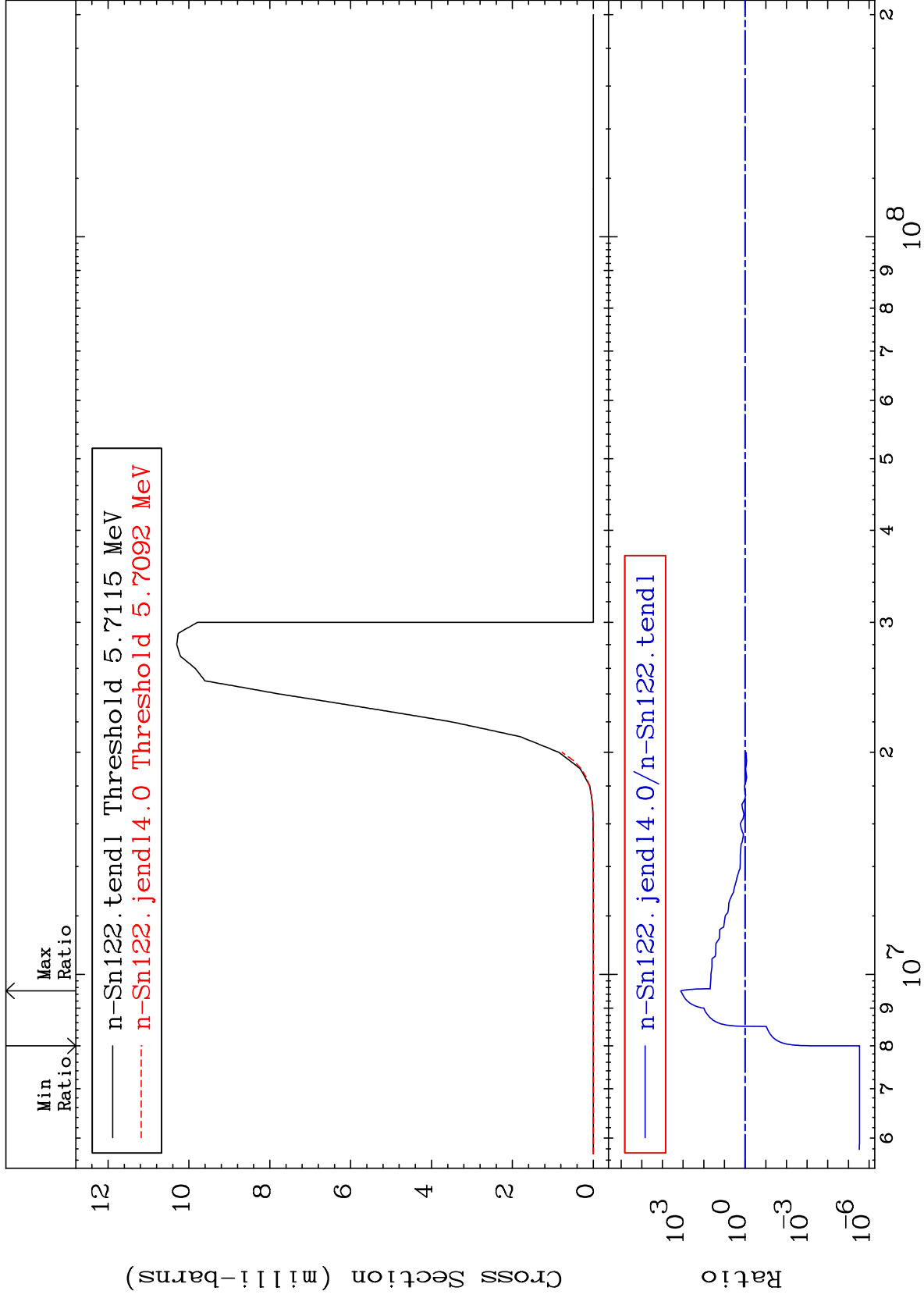
50-Sn-122  
-93.52 To 24.99 %



MAT 5055

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

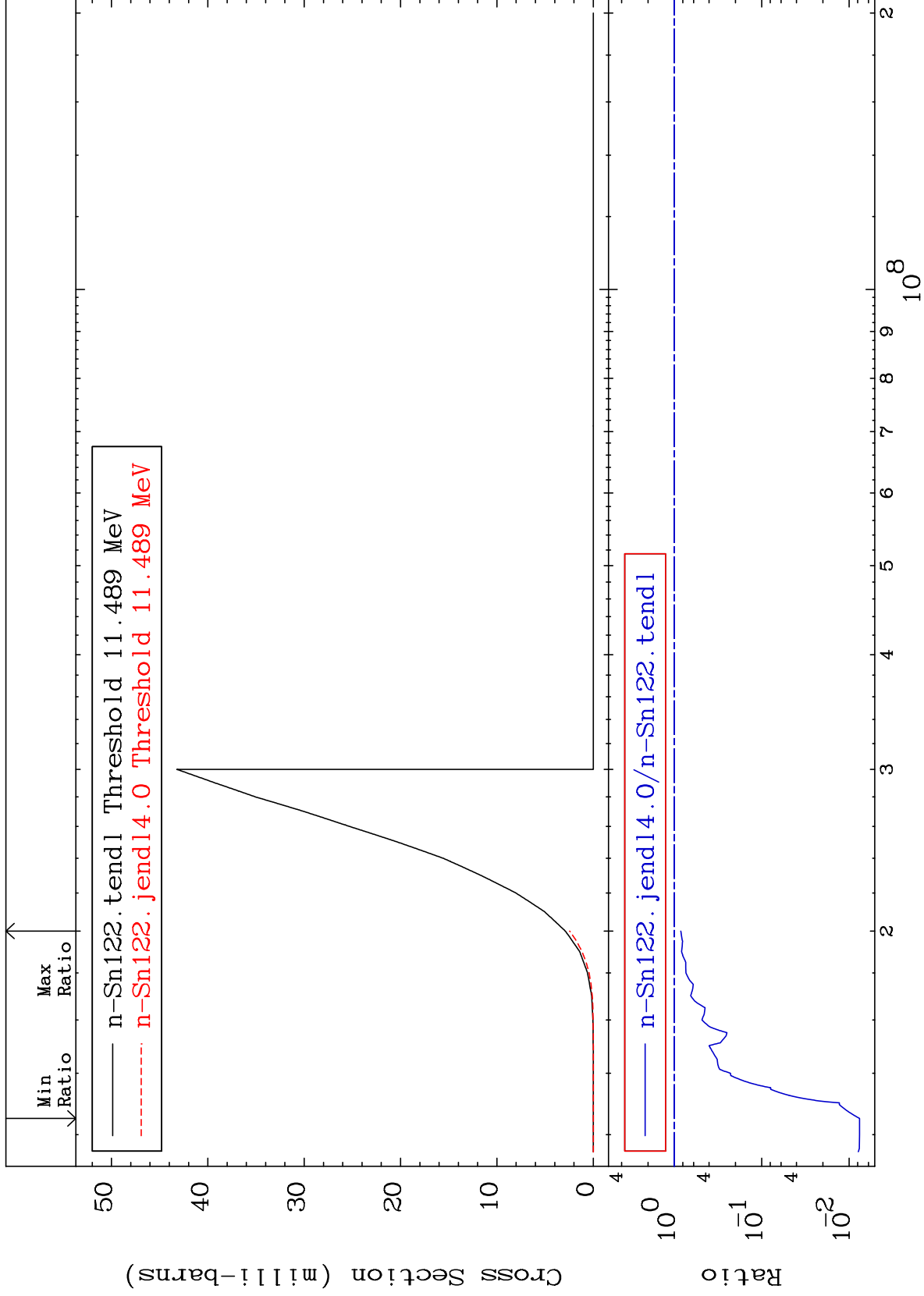
50-Sn-122  
-100.0 To 9999. %



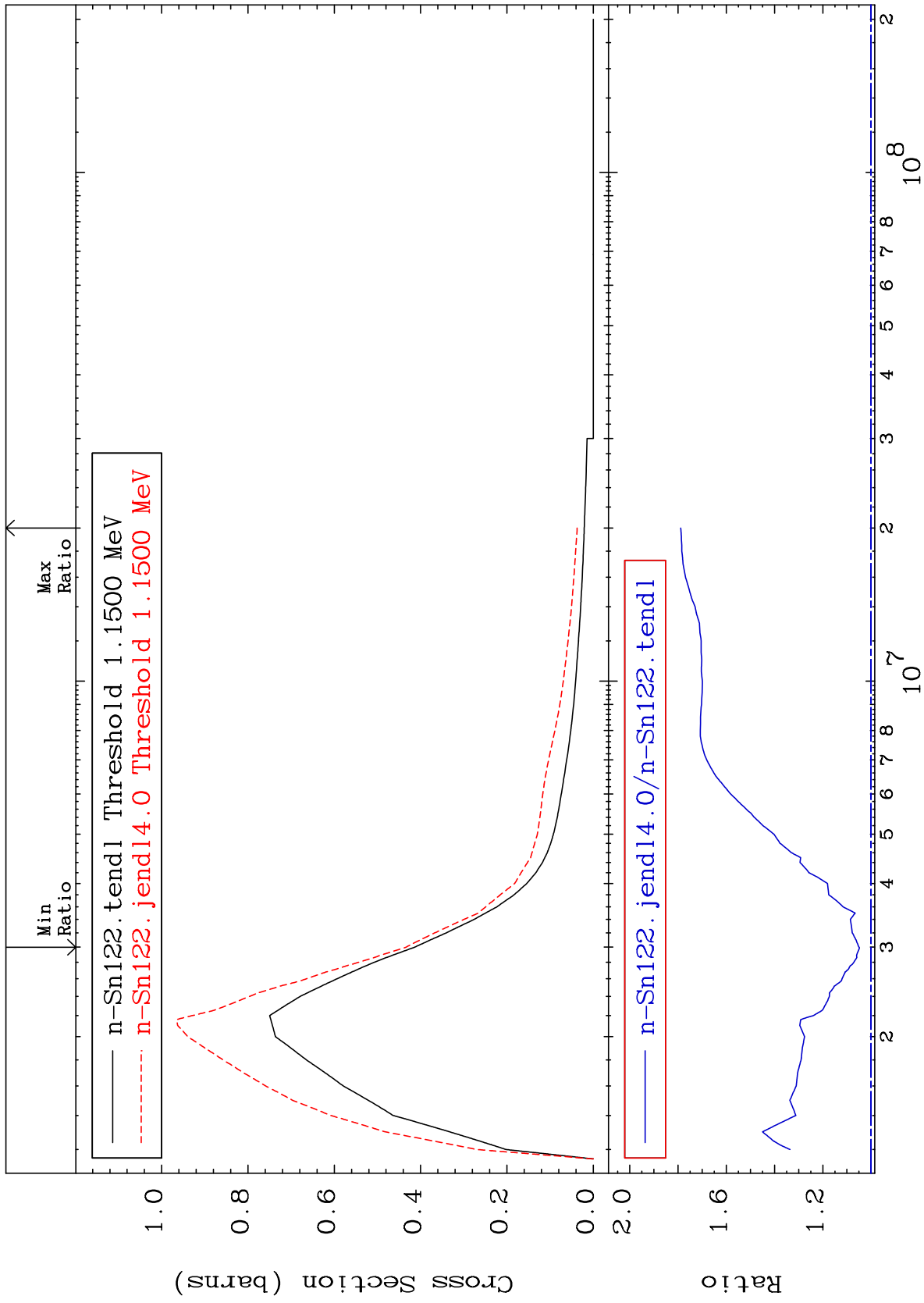
MAT 5055

(n,n') p  
Cross Section

50-Sn-122  
-99.24 To -15.61%



MAT 5055 MT= 51 (n,n') Level Cross Section 50-Sn-122 To 78.87 %

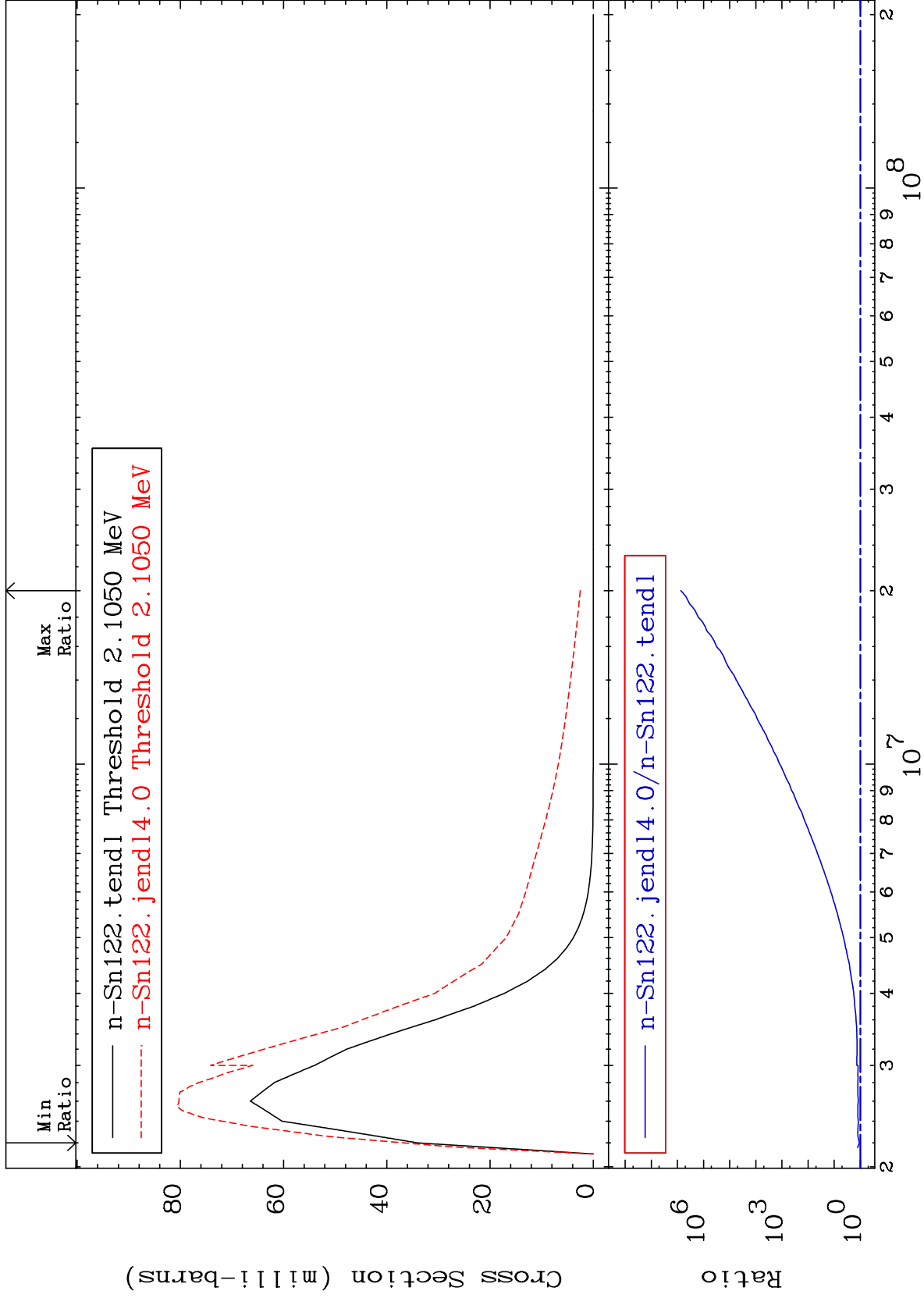




MAT 5055

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

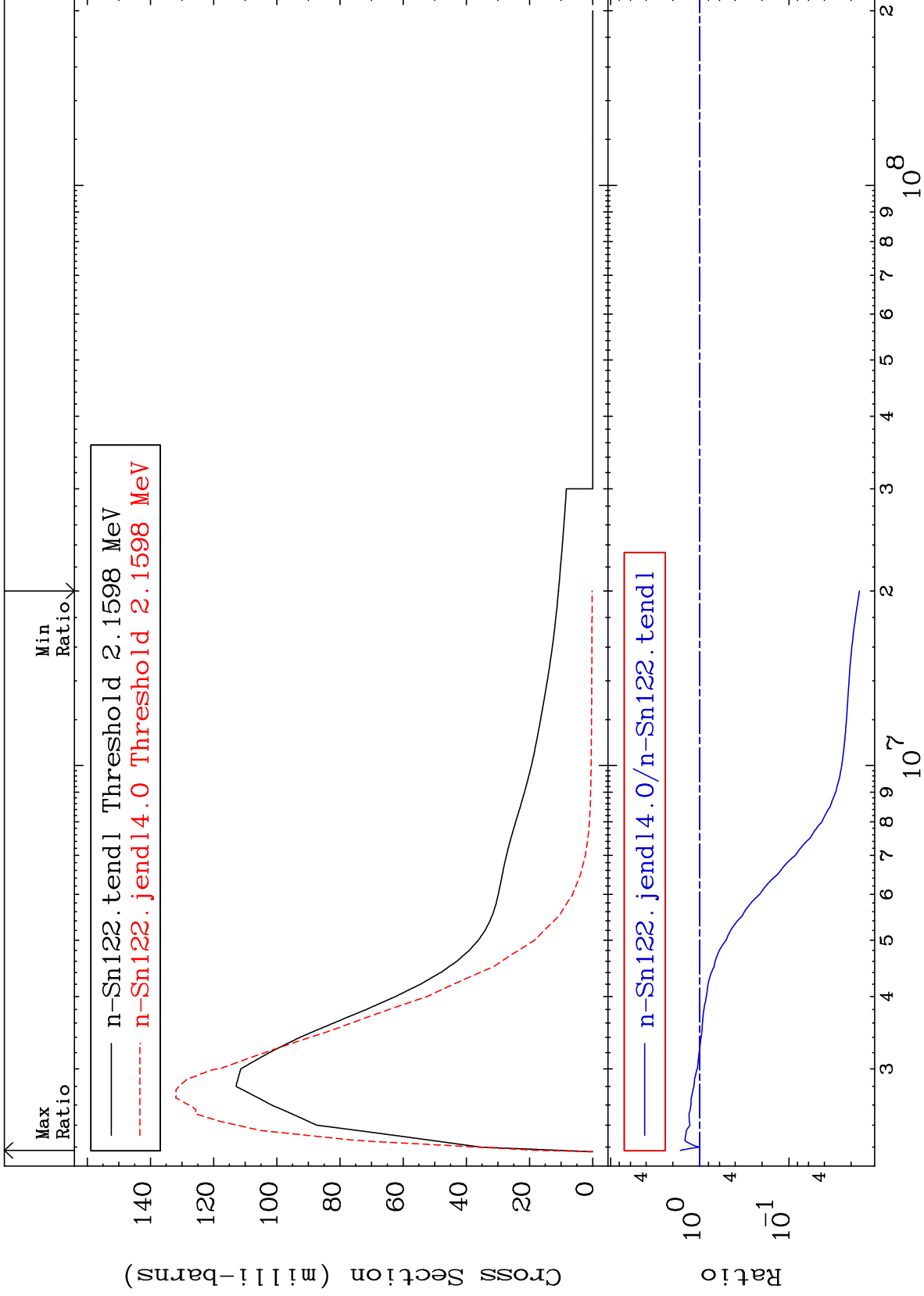
50-Sn-122  
To 9999. %  
7.468



MAT 5055

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

50-Sn-122  
-98.38 To 64.96 %



10

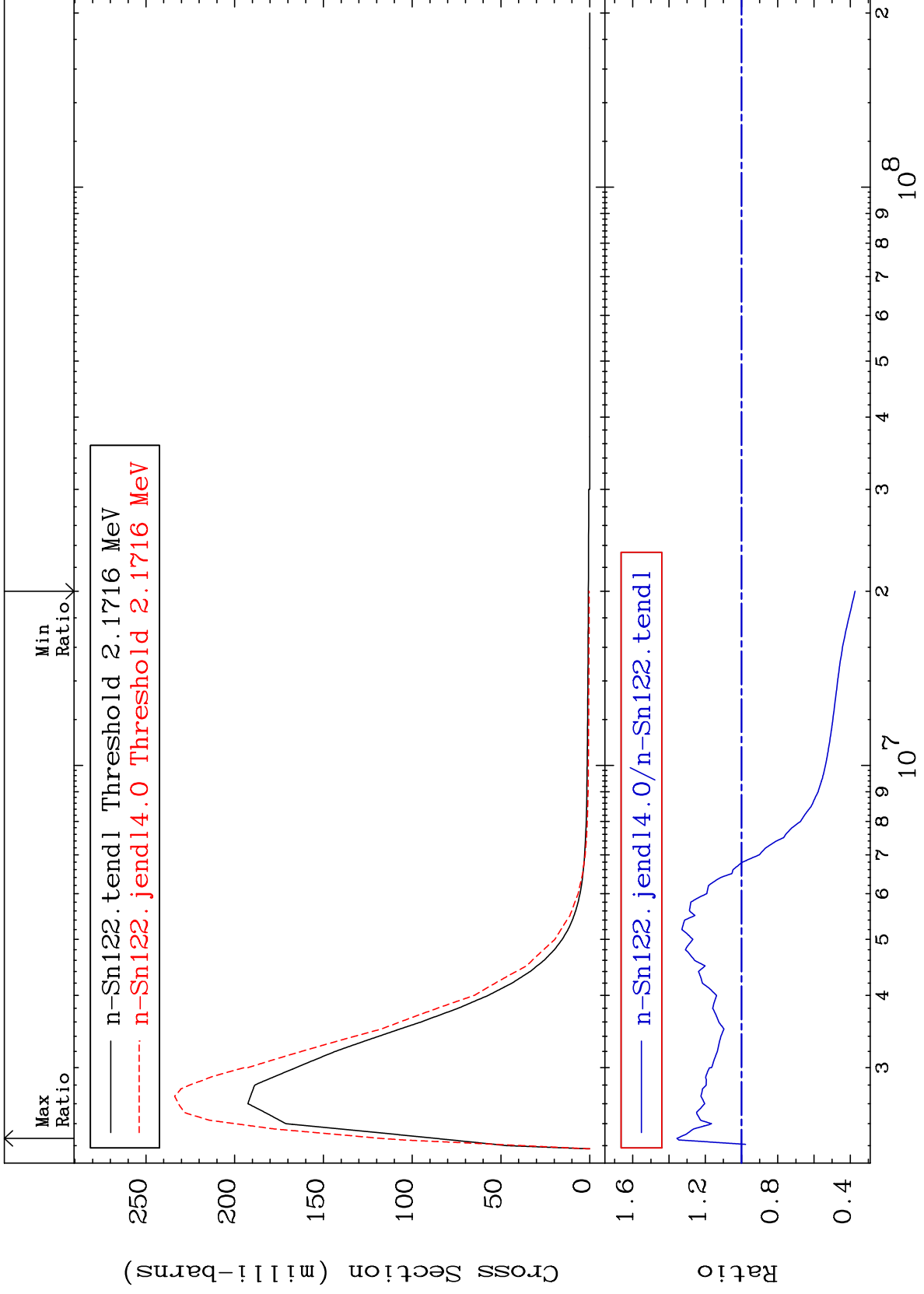
Incident Energy (eV)

50-Sn-122

MAT 5055

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

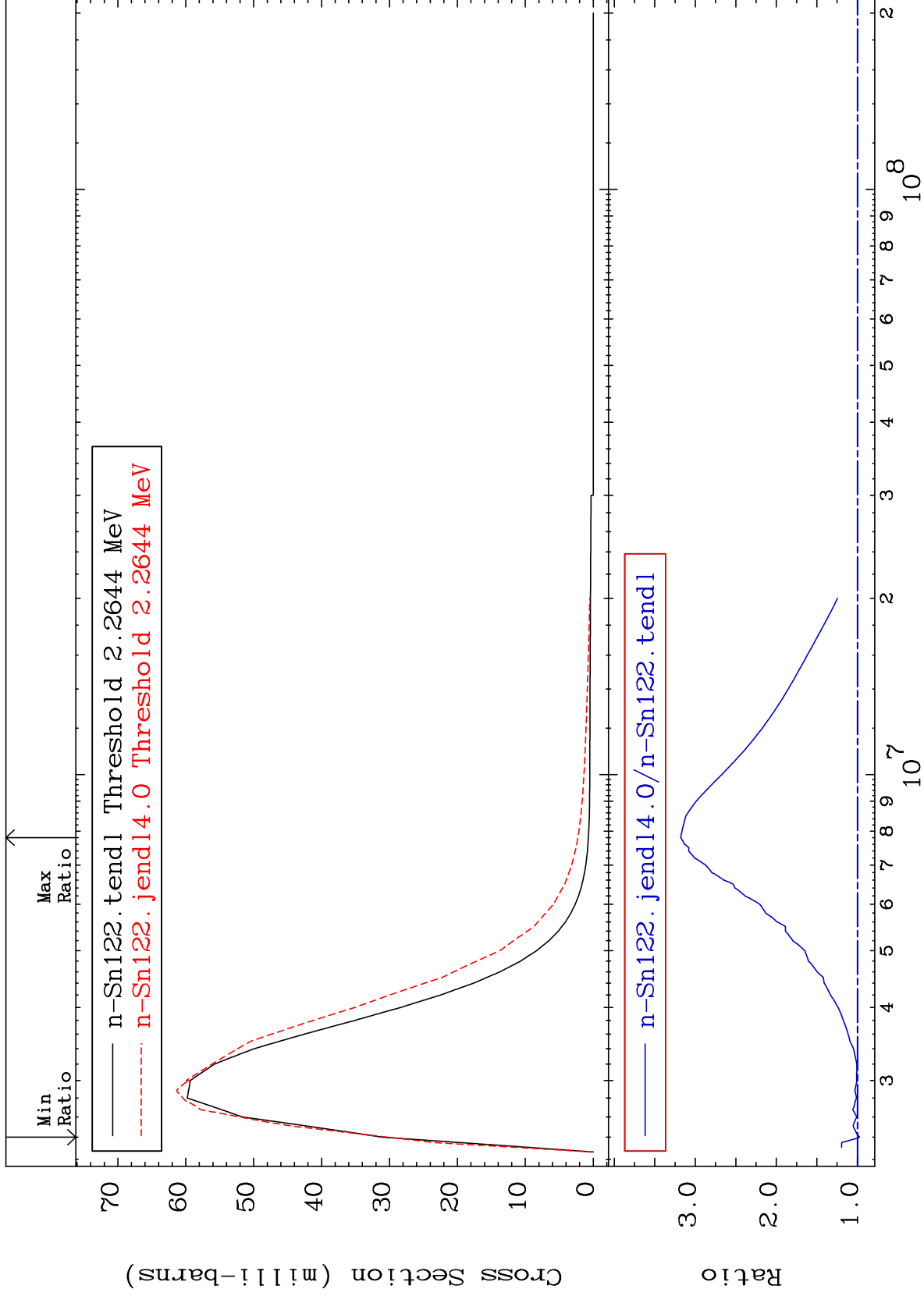
50-Sn-122  
-62.67 To 35.63 %



MAT 5055

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

50-Sn-122  
-2.635 To 217.9 %



12

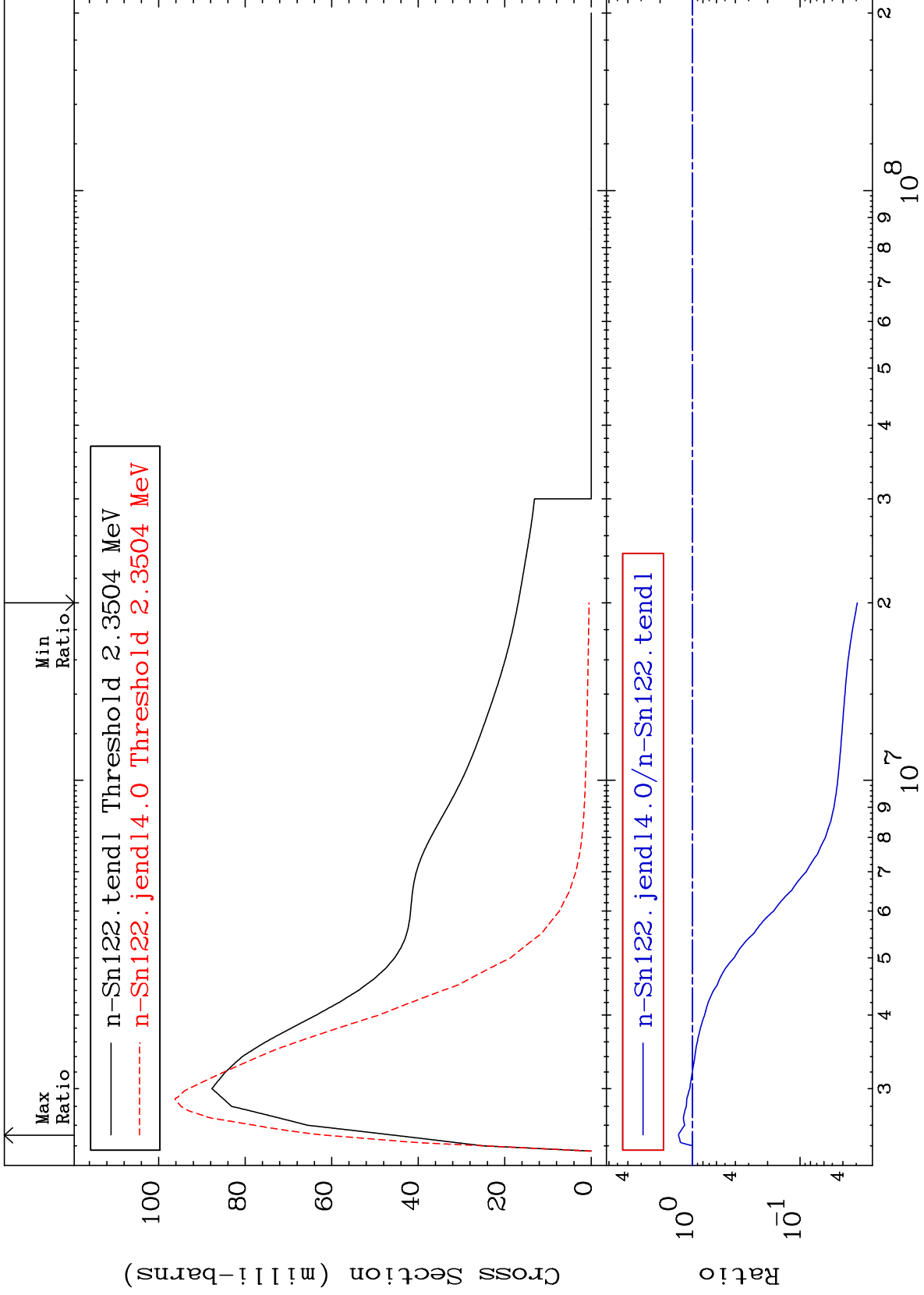
Incident Energy (eV)

50-Sn-122

MAT 5055

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

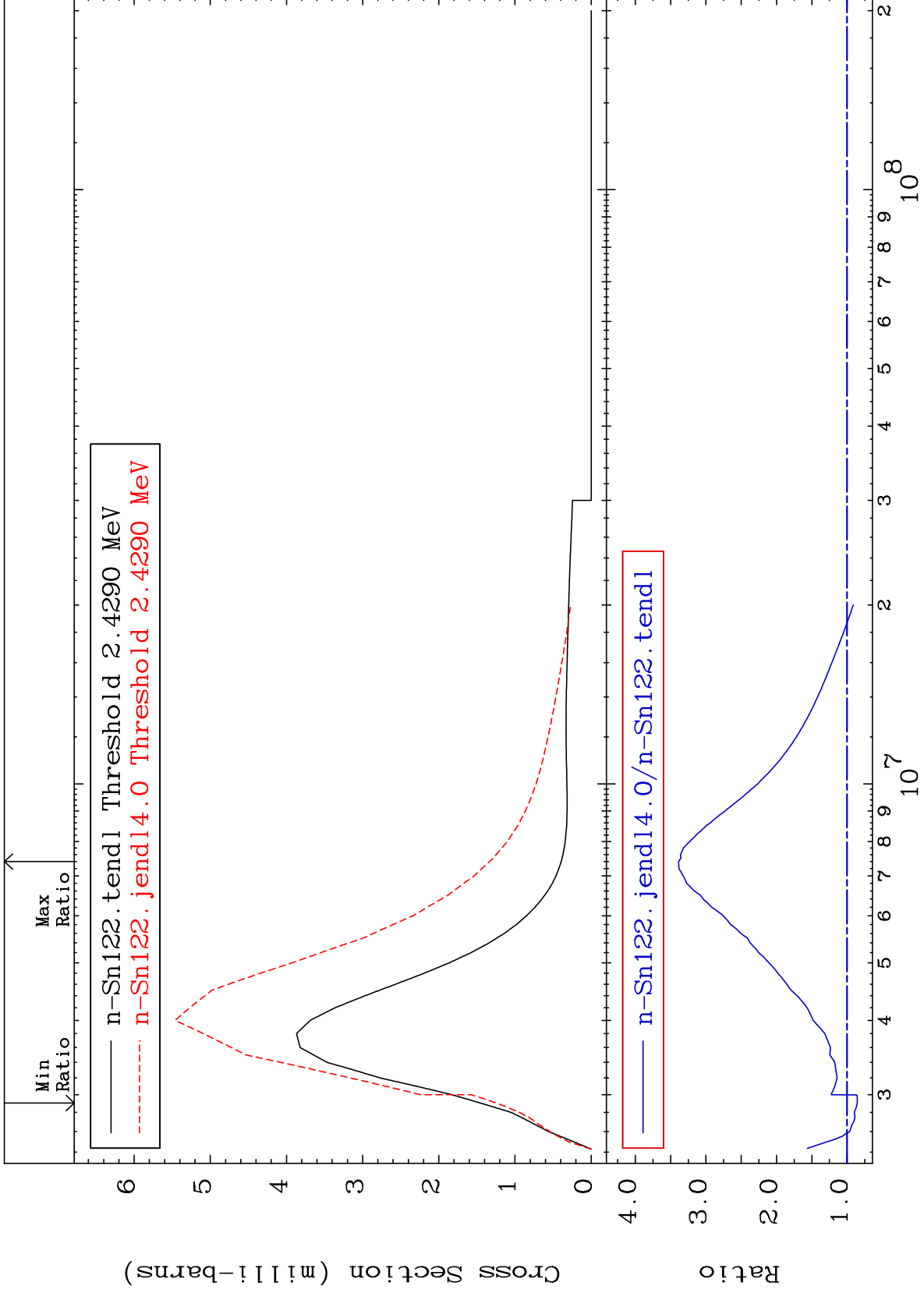
50-Sn-122  
-97.07 To 34.69 %



MAT 5055

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

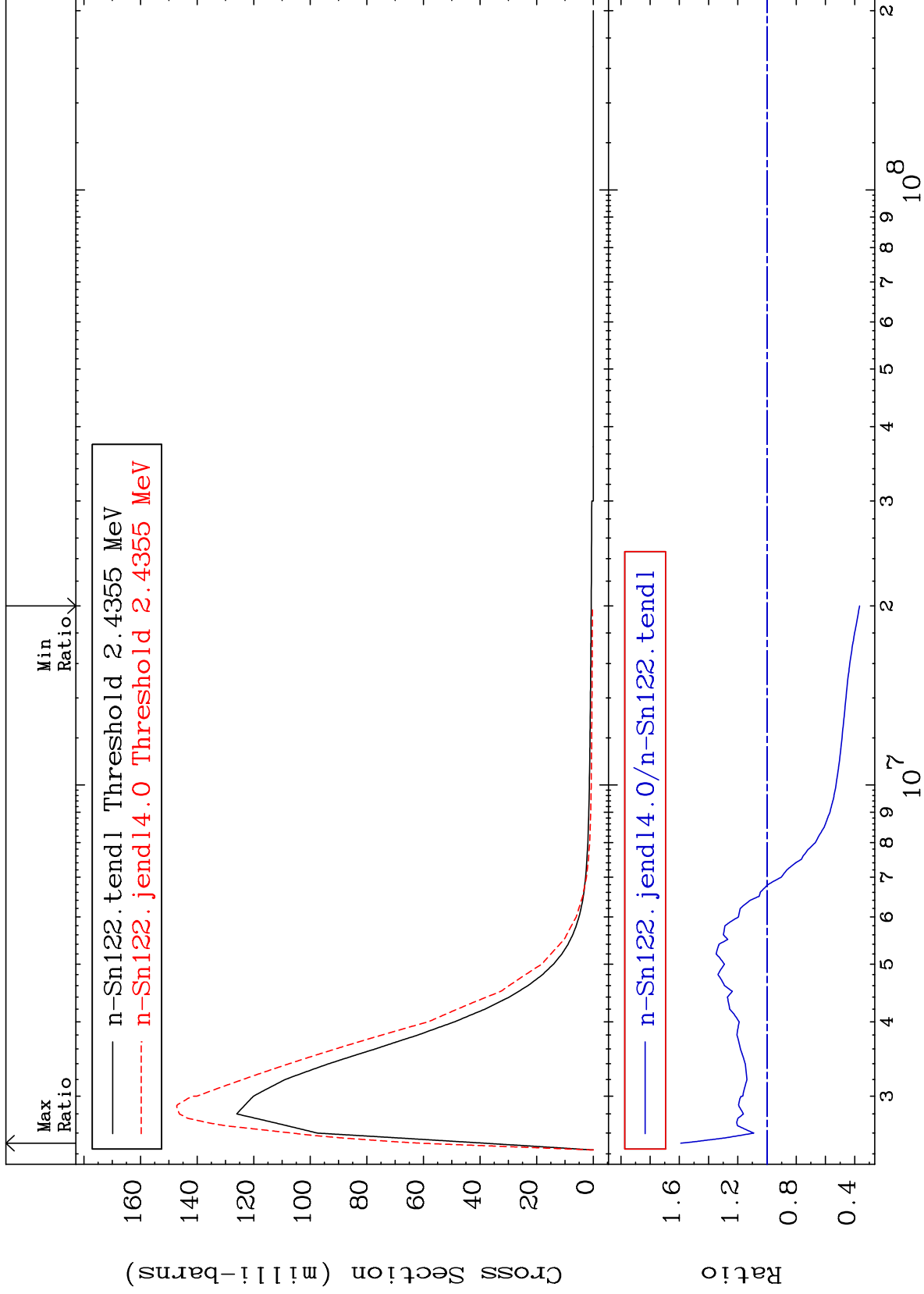
50-Sn-122  
-14.34 To 238.7 %



MAT 5055

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

50-Sn-122  
-63.30 To 59.03 %



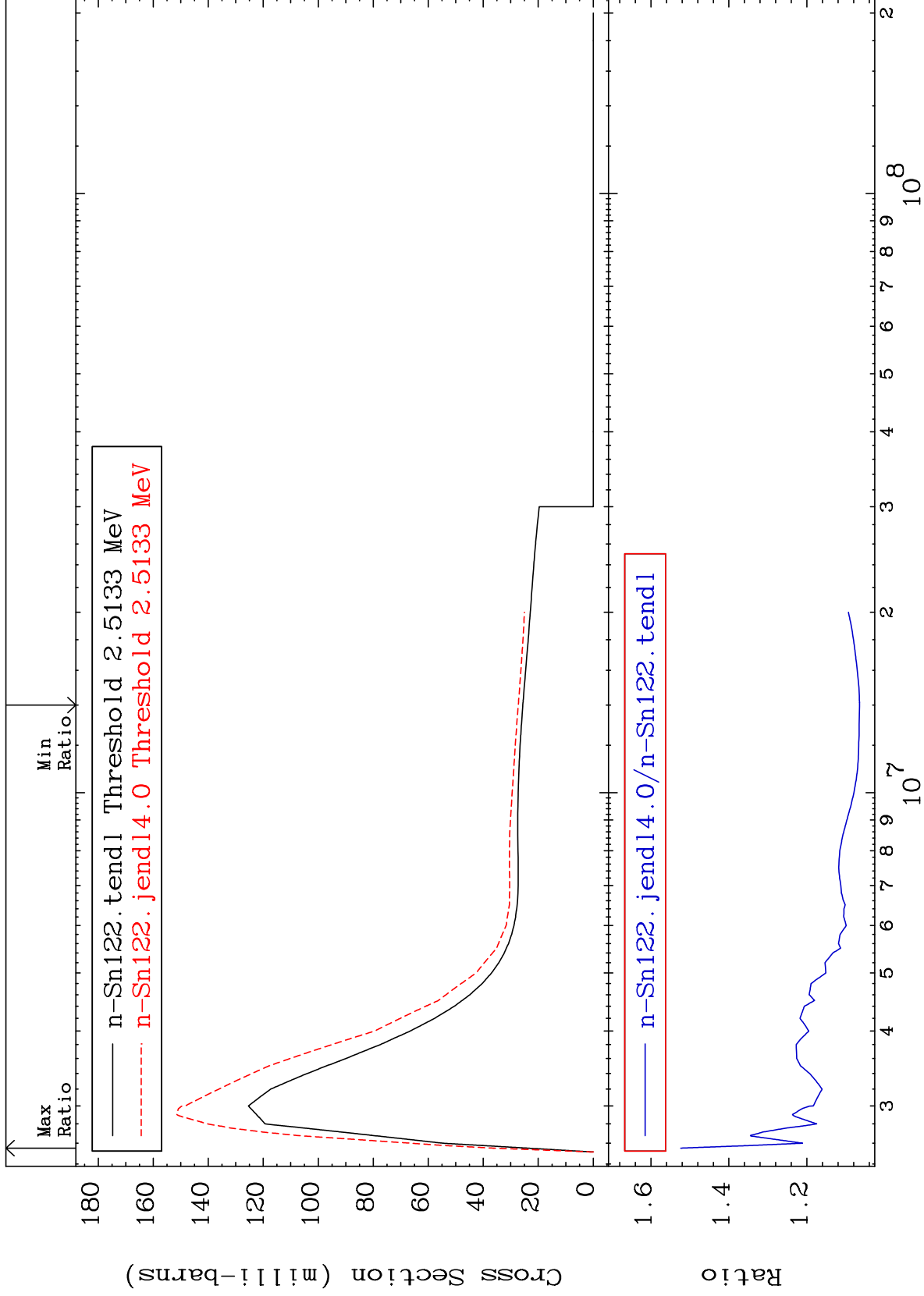
15

50-Sn-122

MAT 5055

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

50-Sn-122  
To 52.35 %

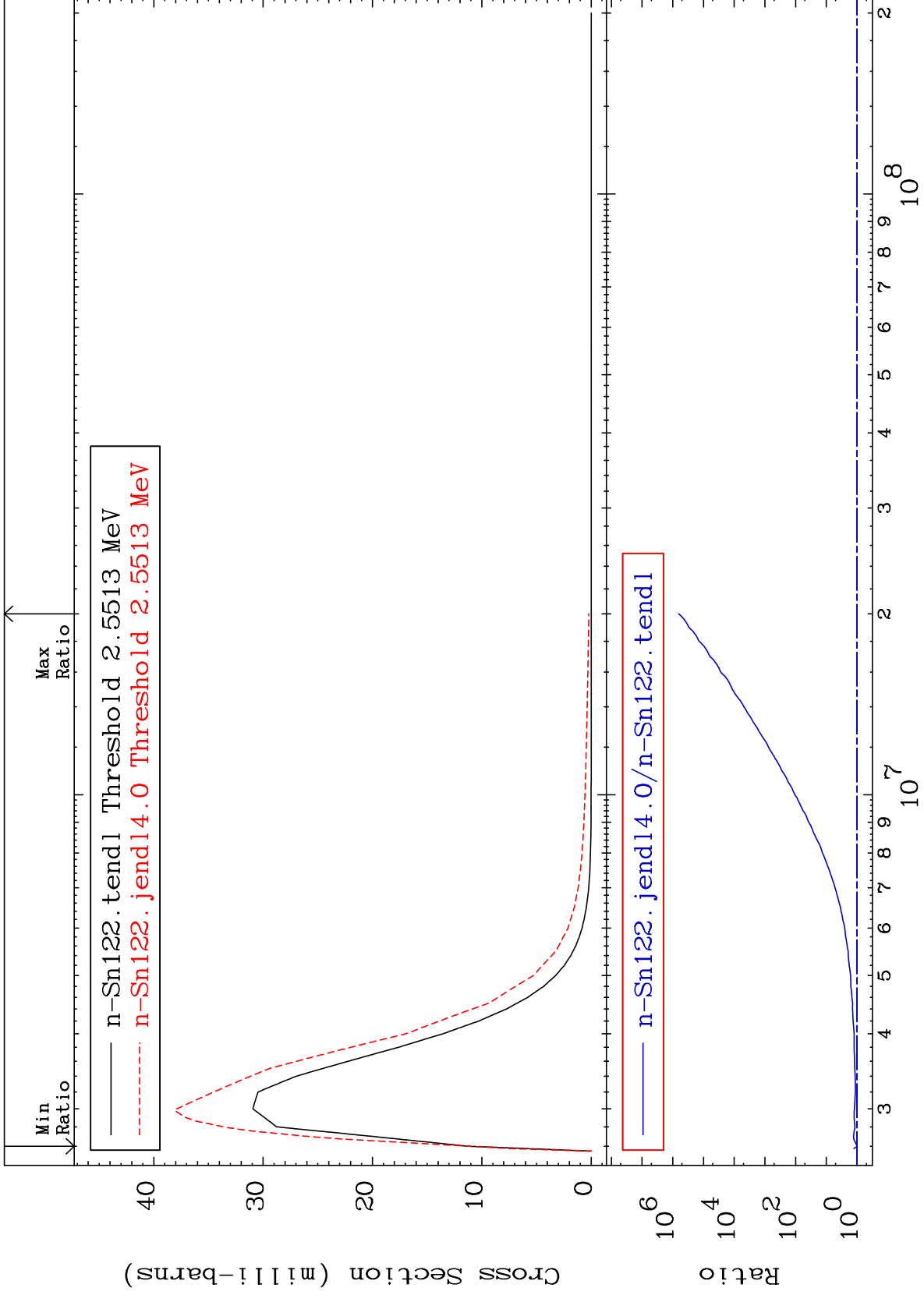




MAT 5055

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

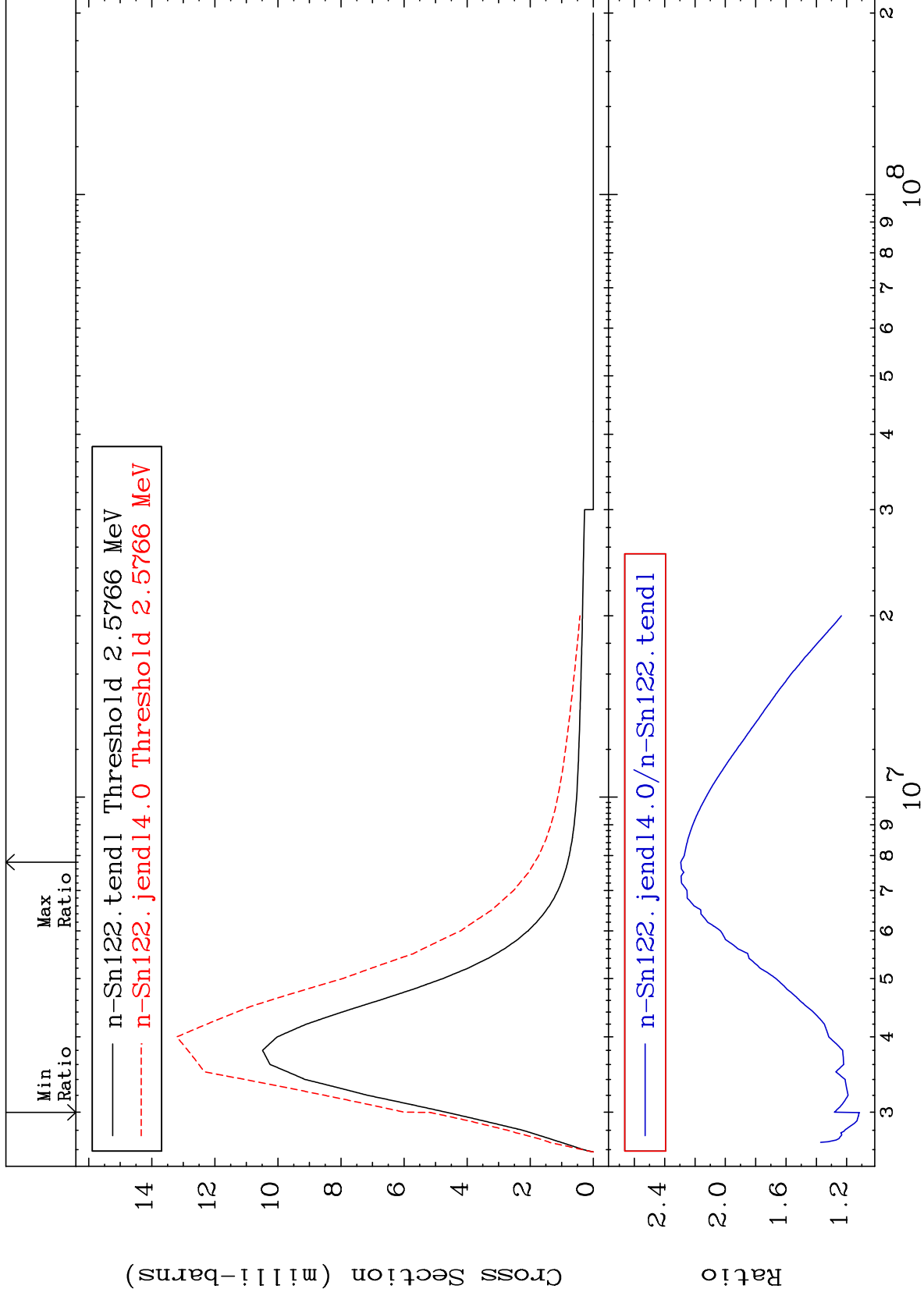
50-Sn-122  
-1.423 To 9999. %



MAT 5055

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

50-Sn-122  
To 129.4 %



18

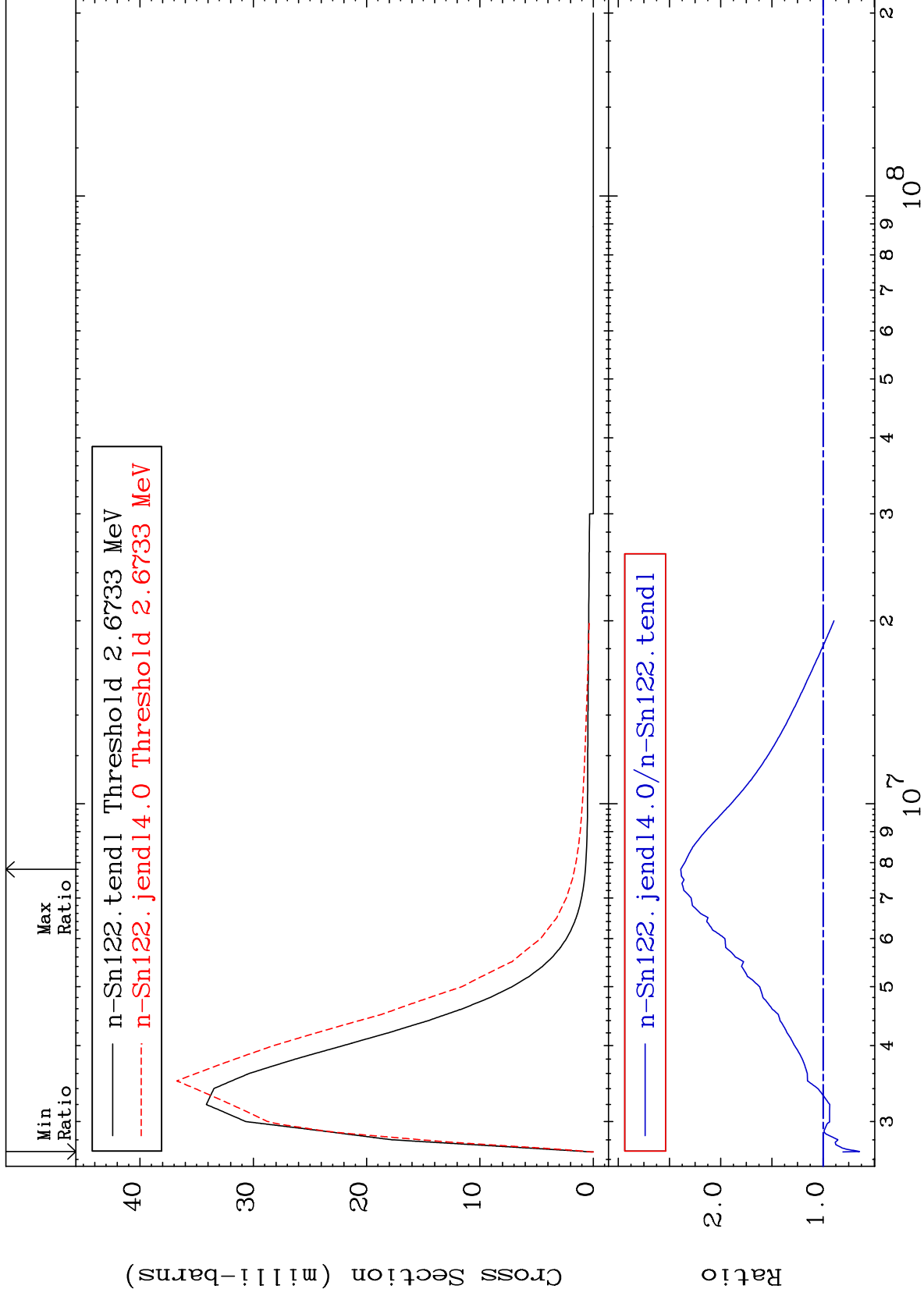
Incident Energy (eV)

50-Sn-122

MAT 5055

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

50-Sn-122  
-35.58 To 138.9 %



19

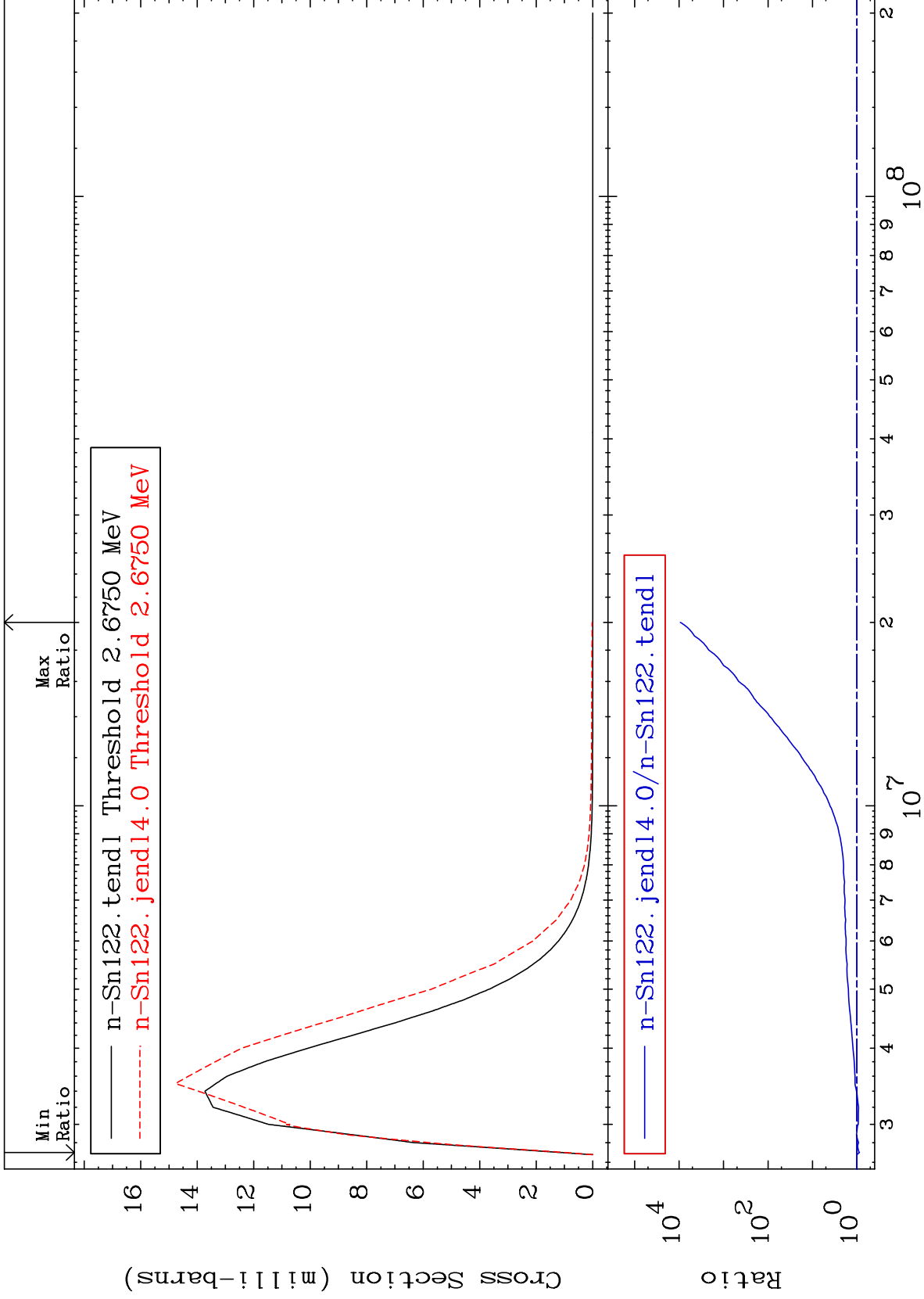
Incident Energy (eV)

50-Sn-122

MAT 5055

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

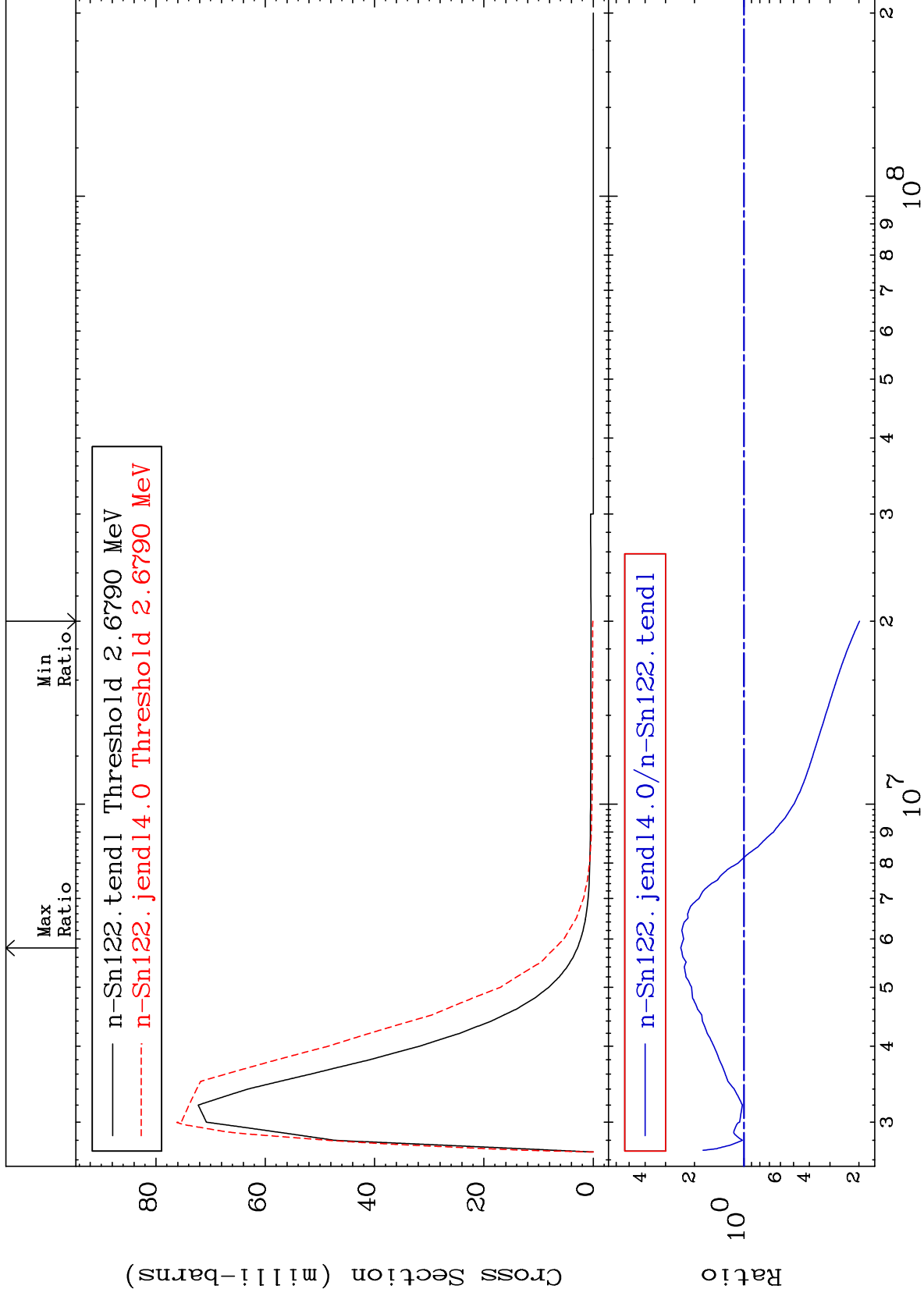
50-Sn-122  
-12.18 To 9999. %



MAT 5055

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

50-Sn-122  
-80.19 To 142.5 %



21

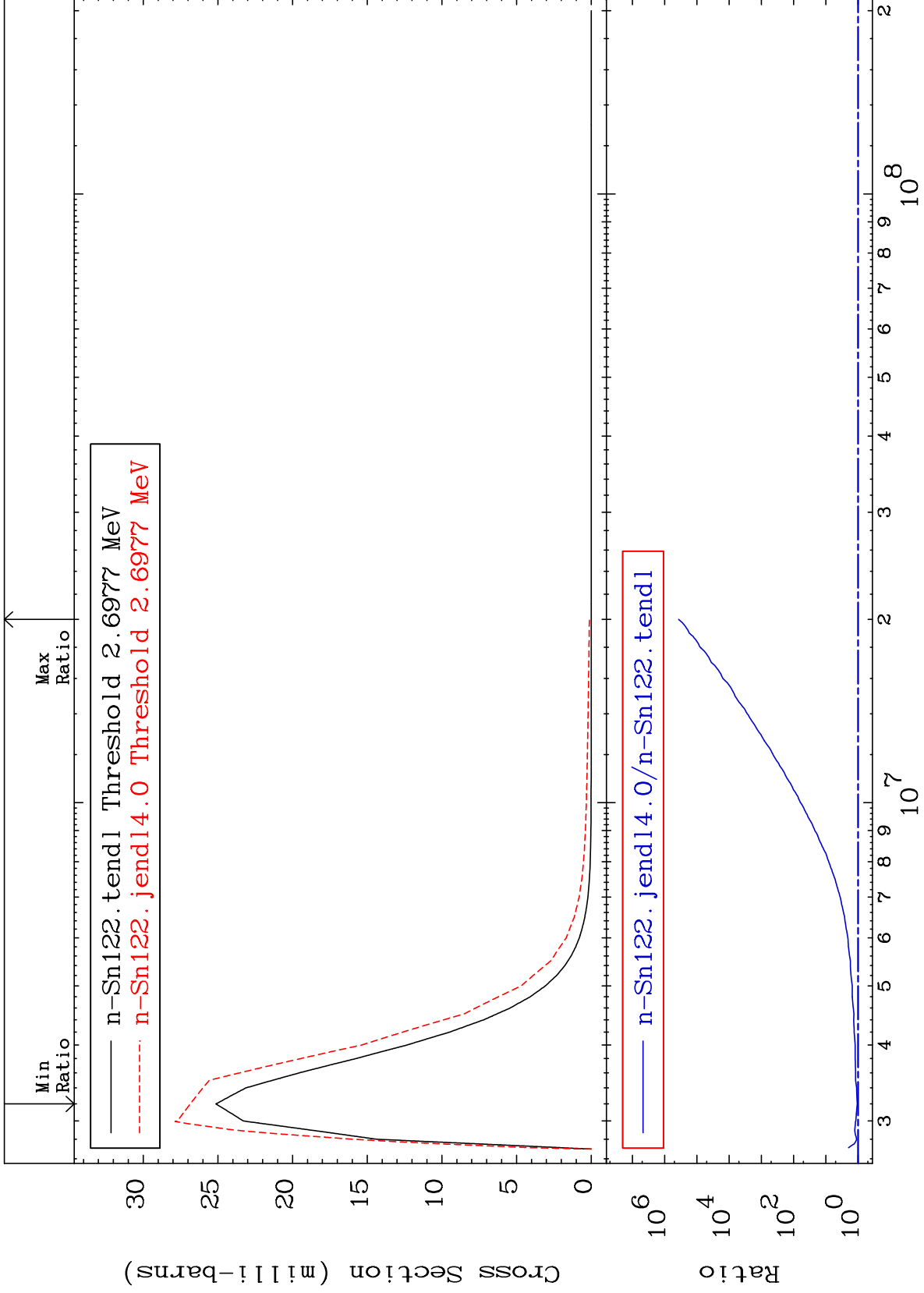
Incident Energy (eV)

50-Sn-122

MAT 5055

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

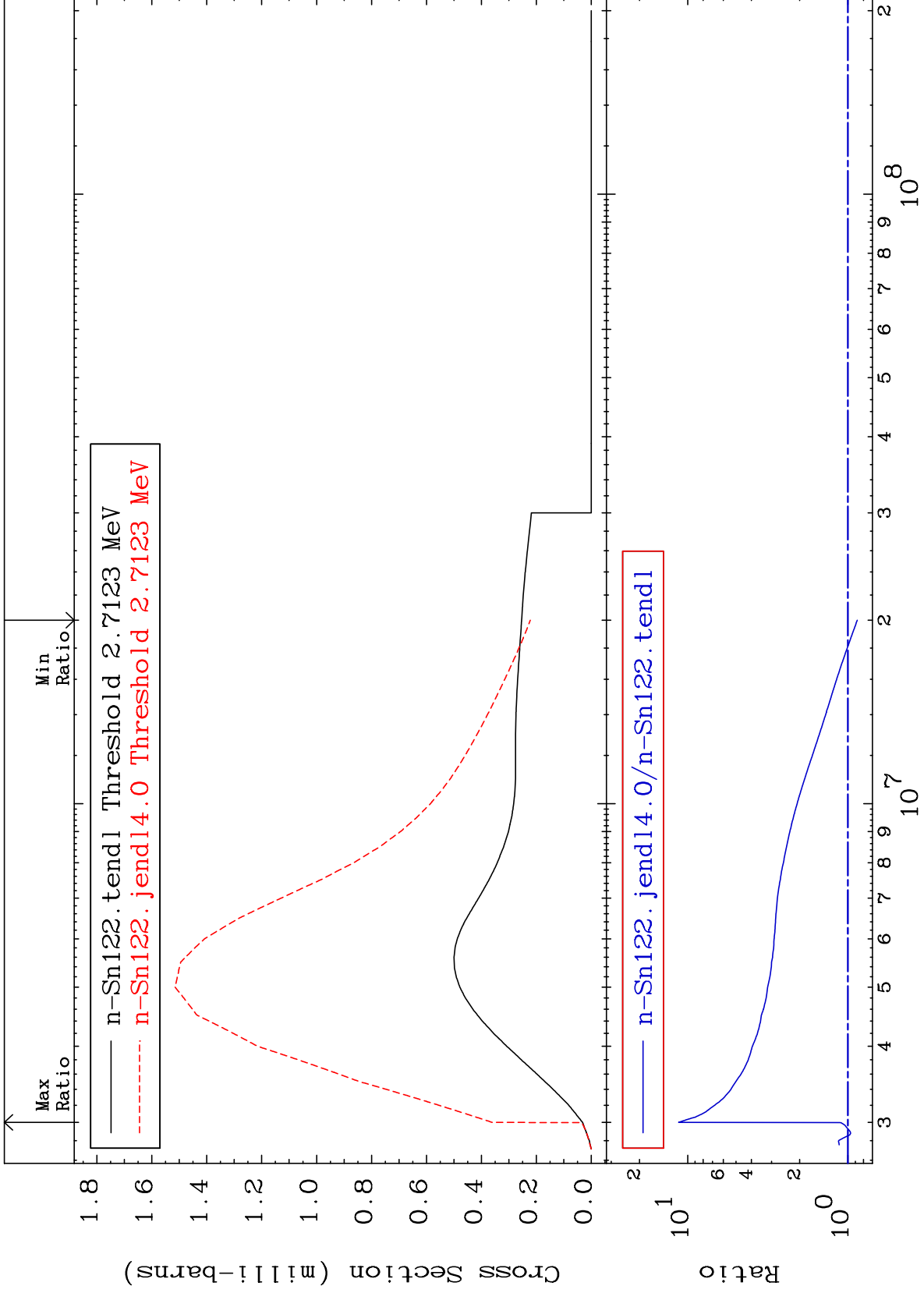
50-Sn-122  
To 9999. %  
6.855



MAT 5055

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

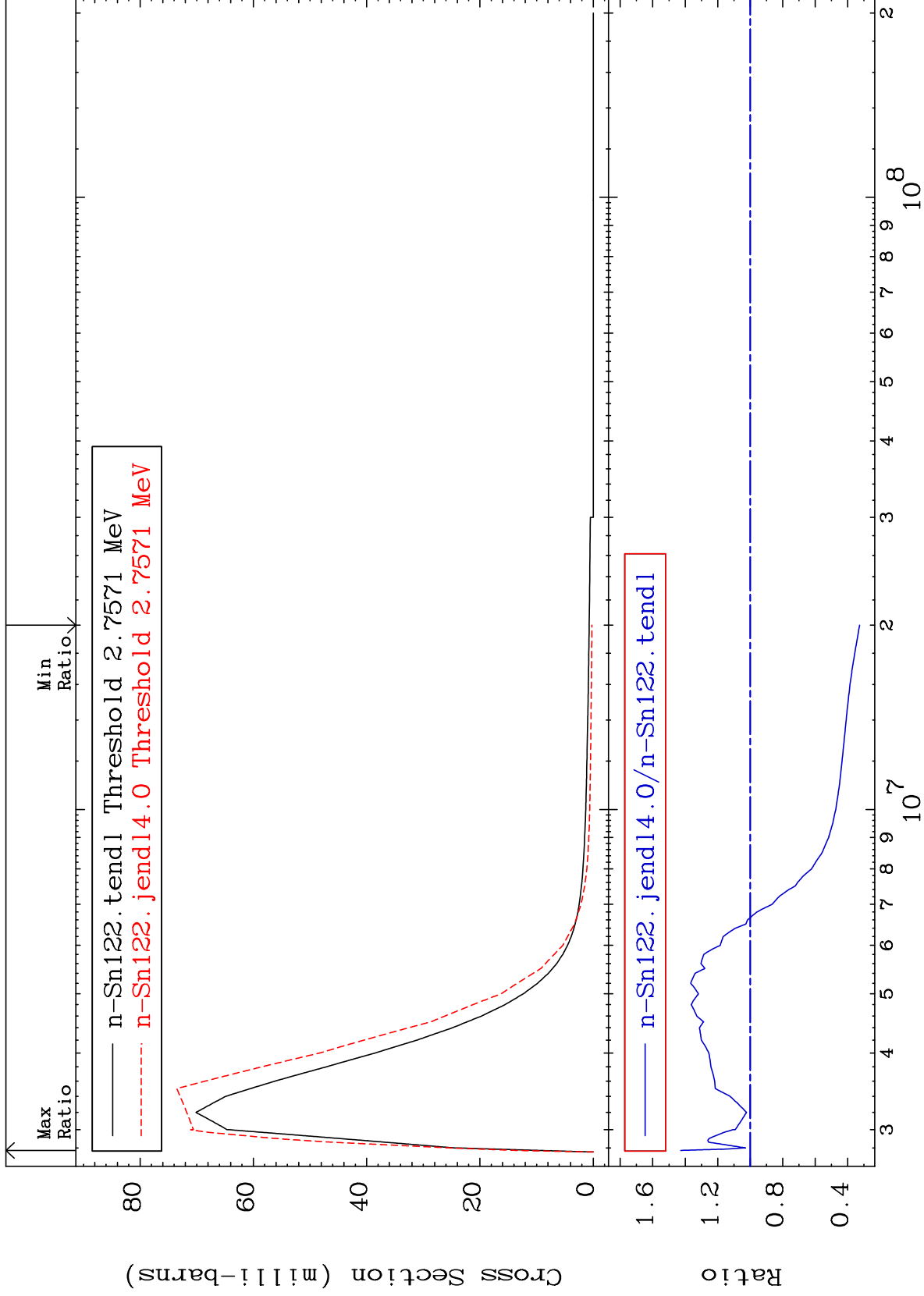
50-Sn-122  
-12.52 To 1039. %



MAT 5055

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

50-Sn-122  
-67.28 To 42.74 %

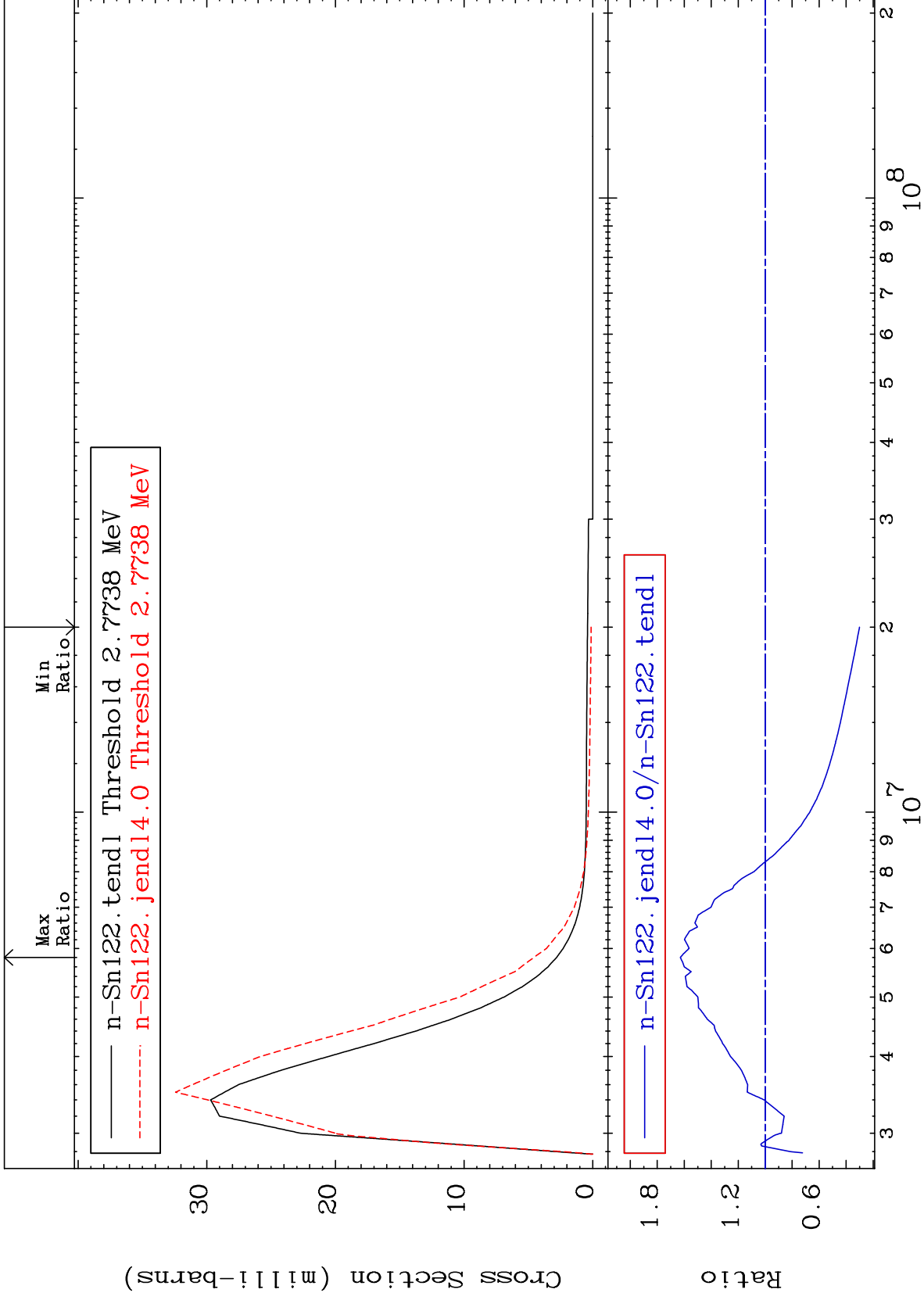




MAT 5055

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

50-Sn-122  
-69.87 To 62.87 %



25

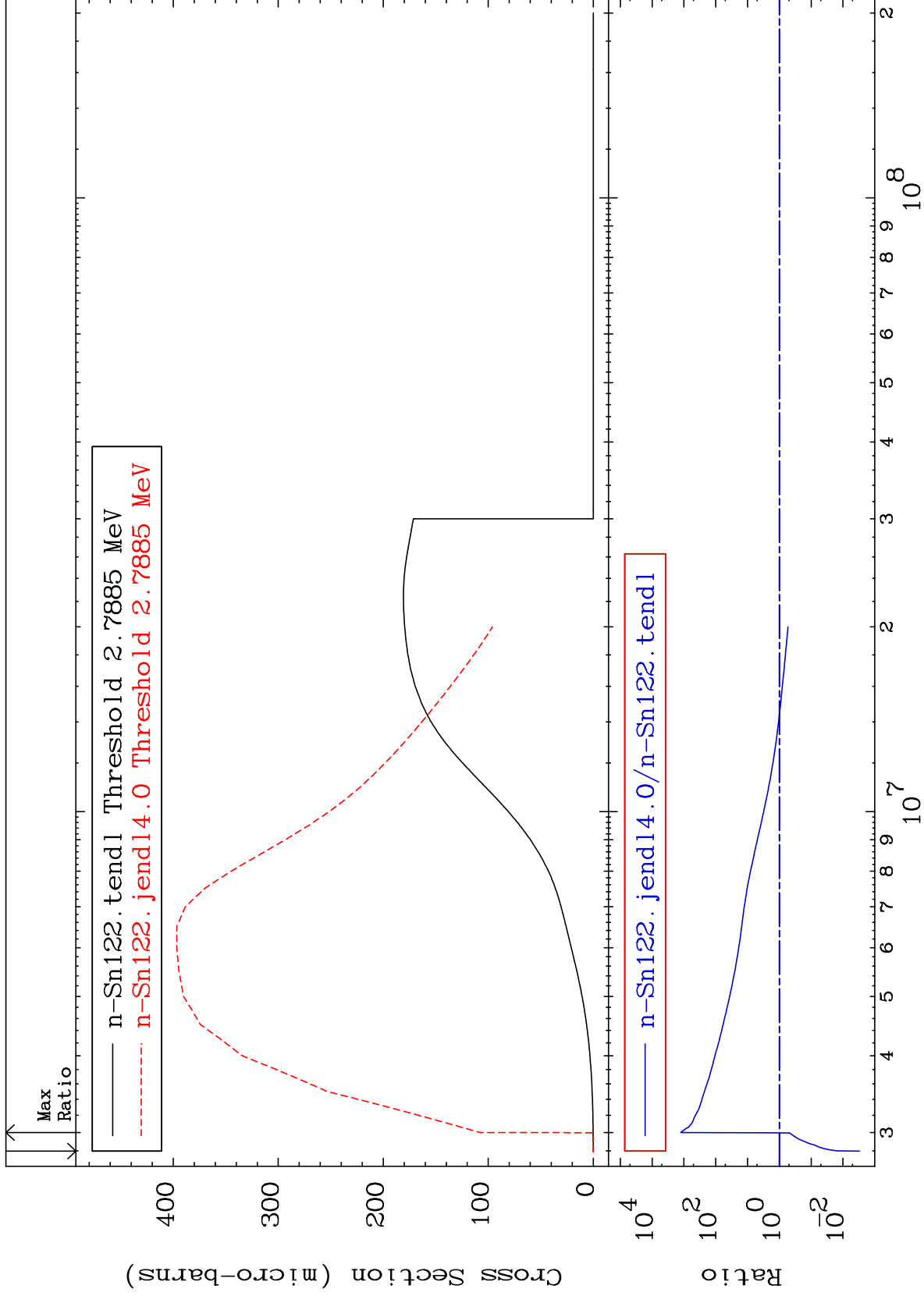
Incident Energy (eV)

50-Sn-122

MAT 5055

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

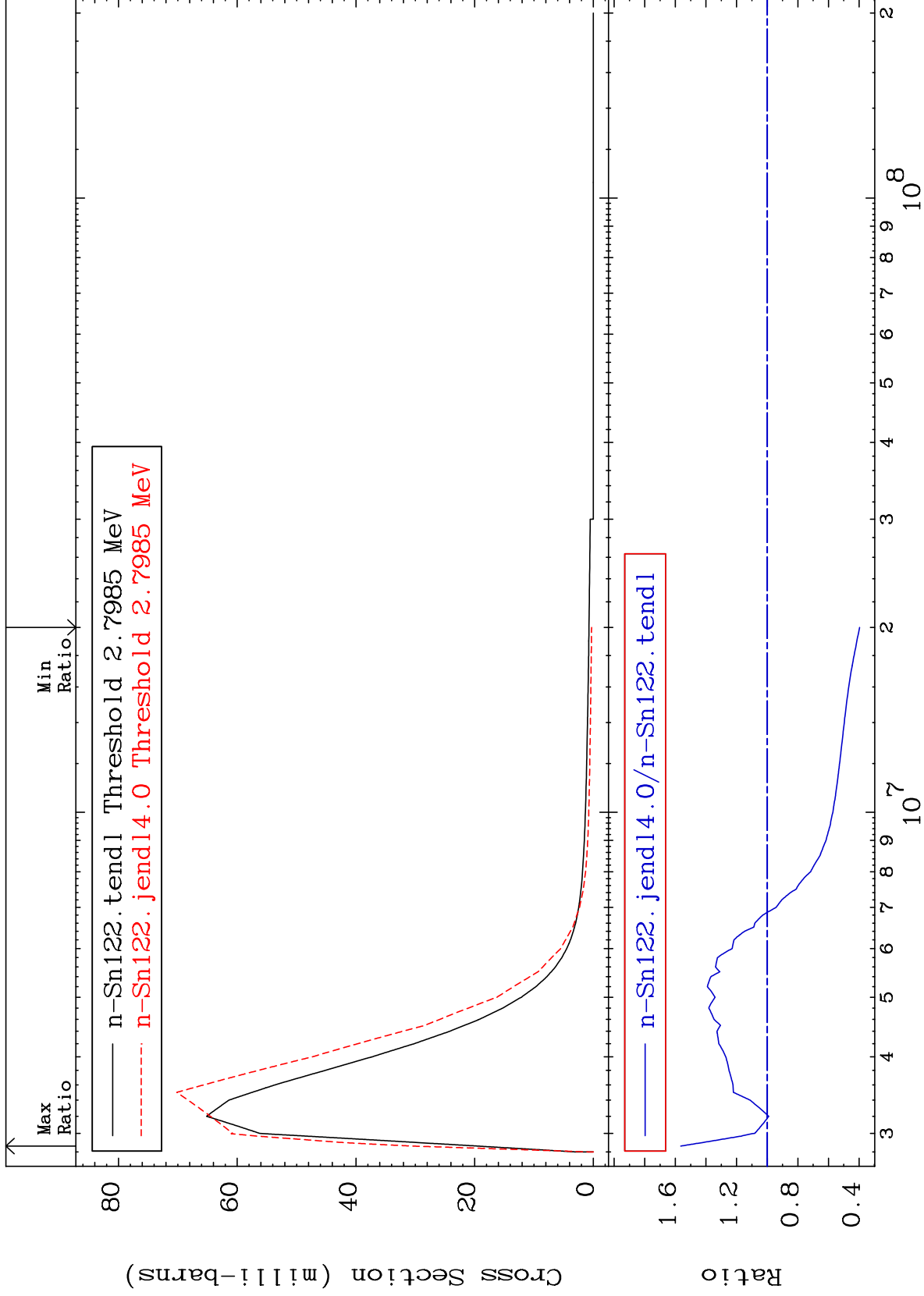
50-Sn-122  
-99.70 To 9999. %



MAT 5055

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

50-Sn-122  
-60.29 To 56.47 %



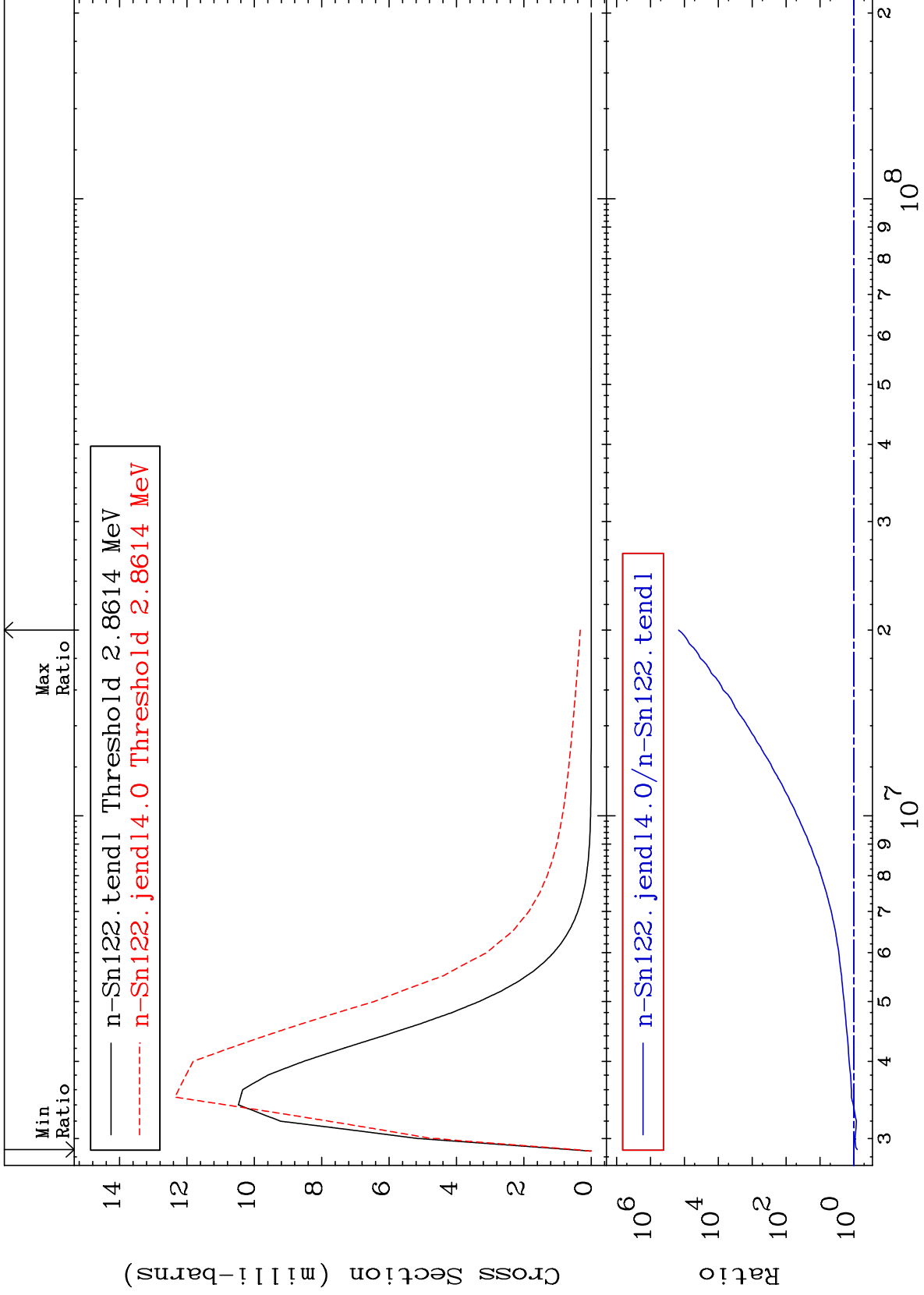
27

50-Sn-122

MAT 5055

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

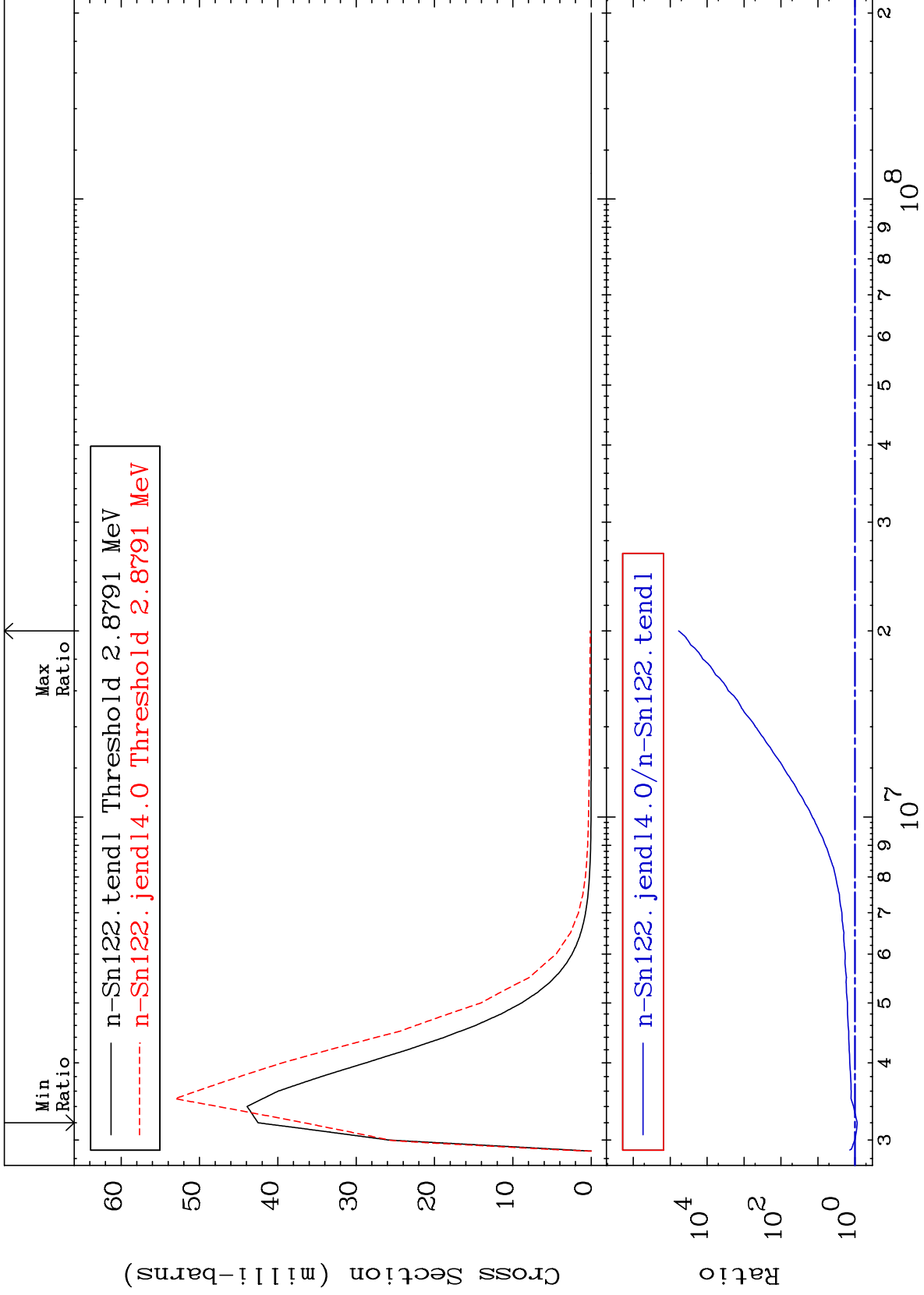
50-Sn-122  
-20.59 To 9999. %



MAT 5055

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

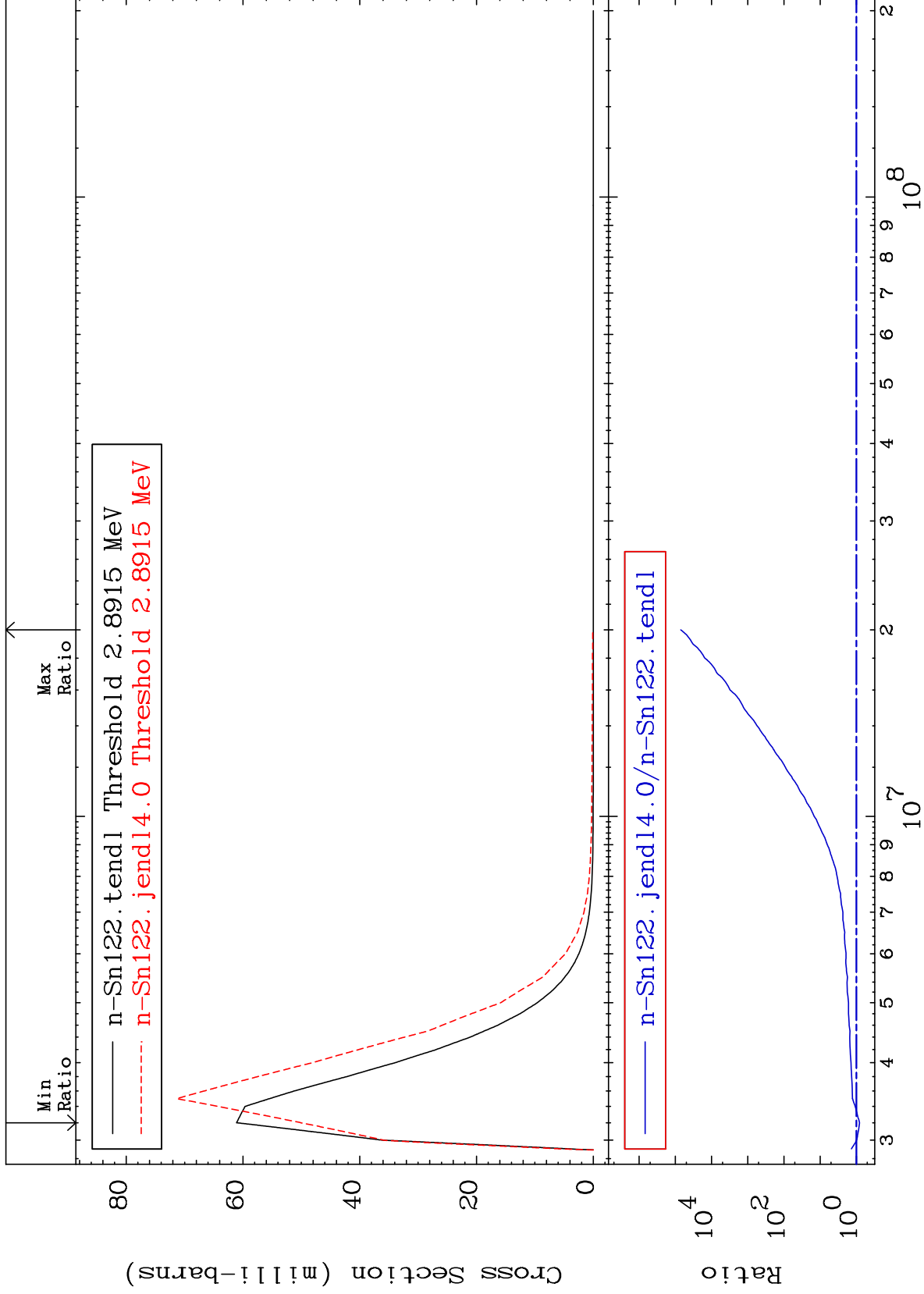
50-Sn-122  
-13.75 To 9999. %



MAT 5055

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

50-Sn-122  
-18.03 To 9999. %



30

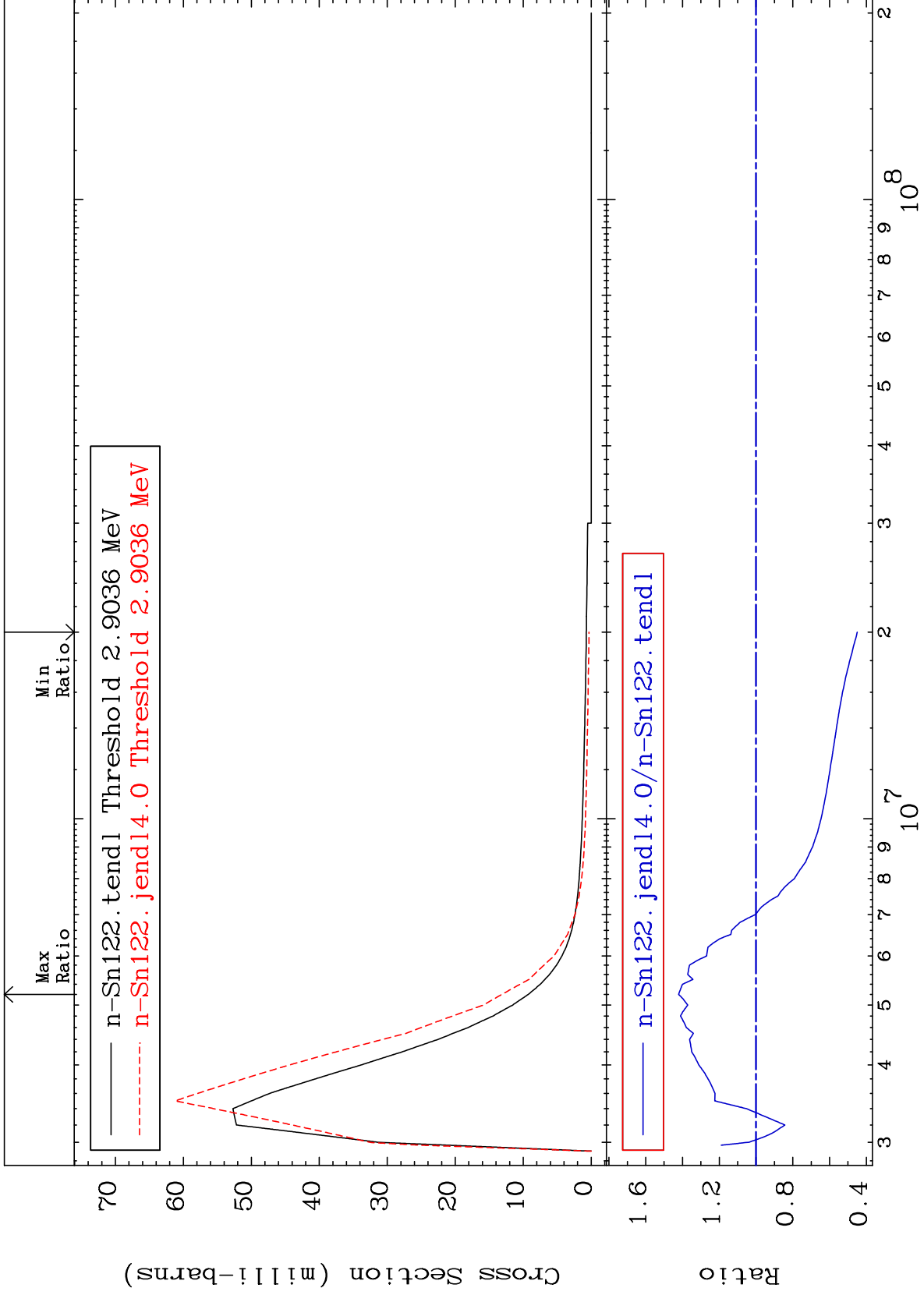
Incident Energy (eV)

50-Sn-122

MAT 5055

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

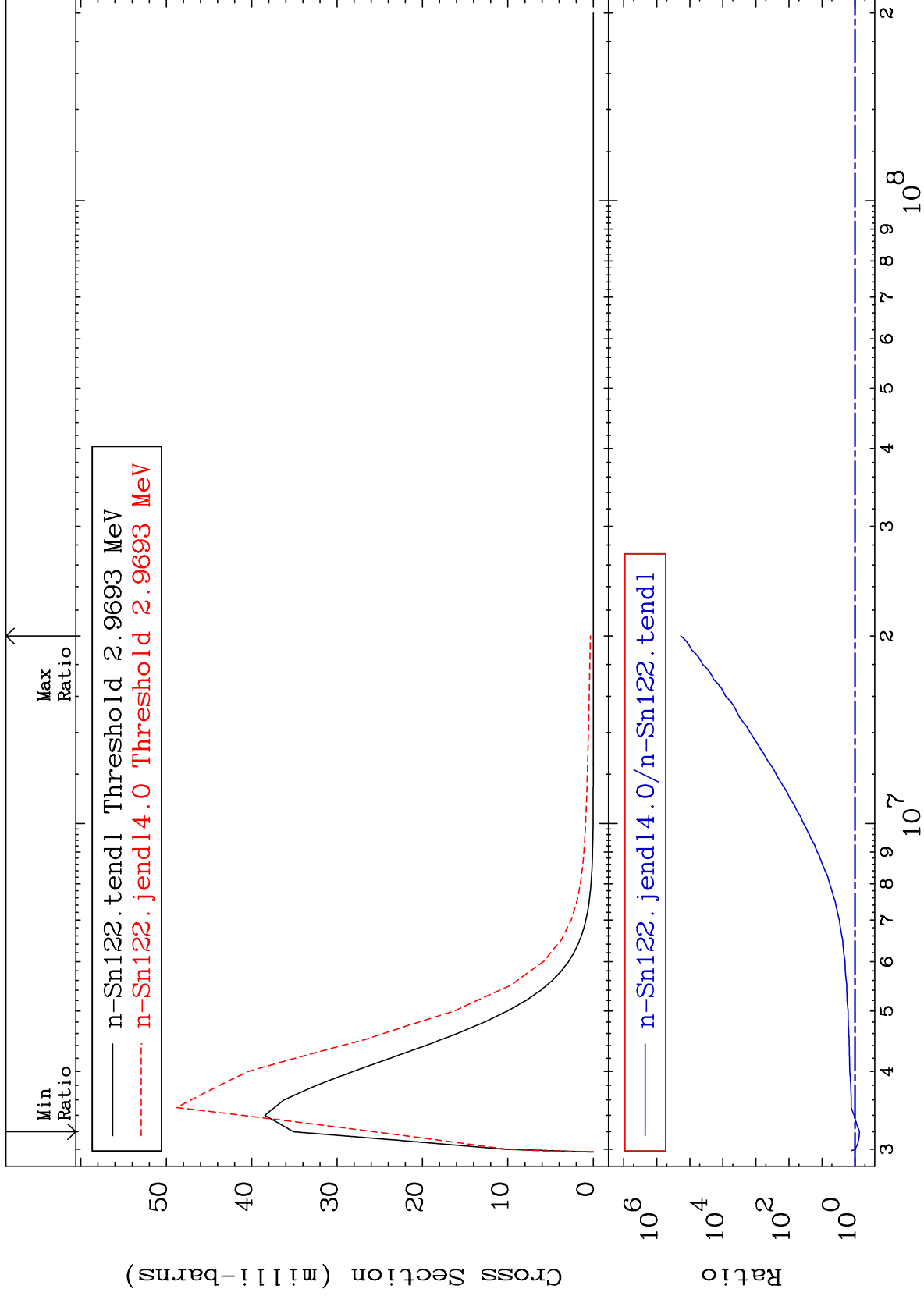
50-Sn-122  
-55.05 To 42.09 %



MAT 5055

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

50-Sn-122  
-27.07 To 9999. %

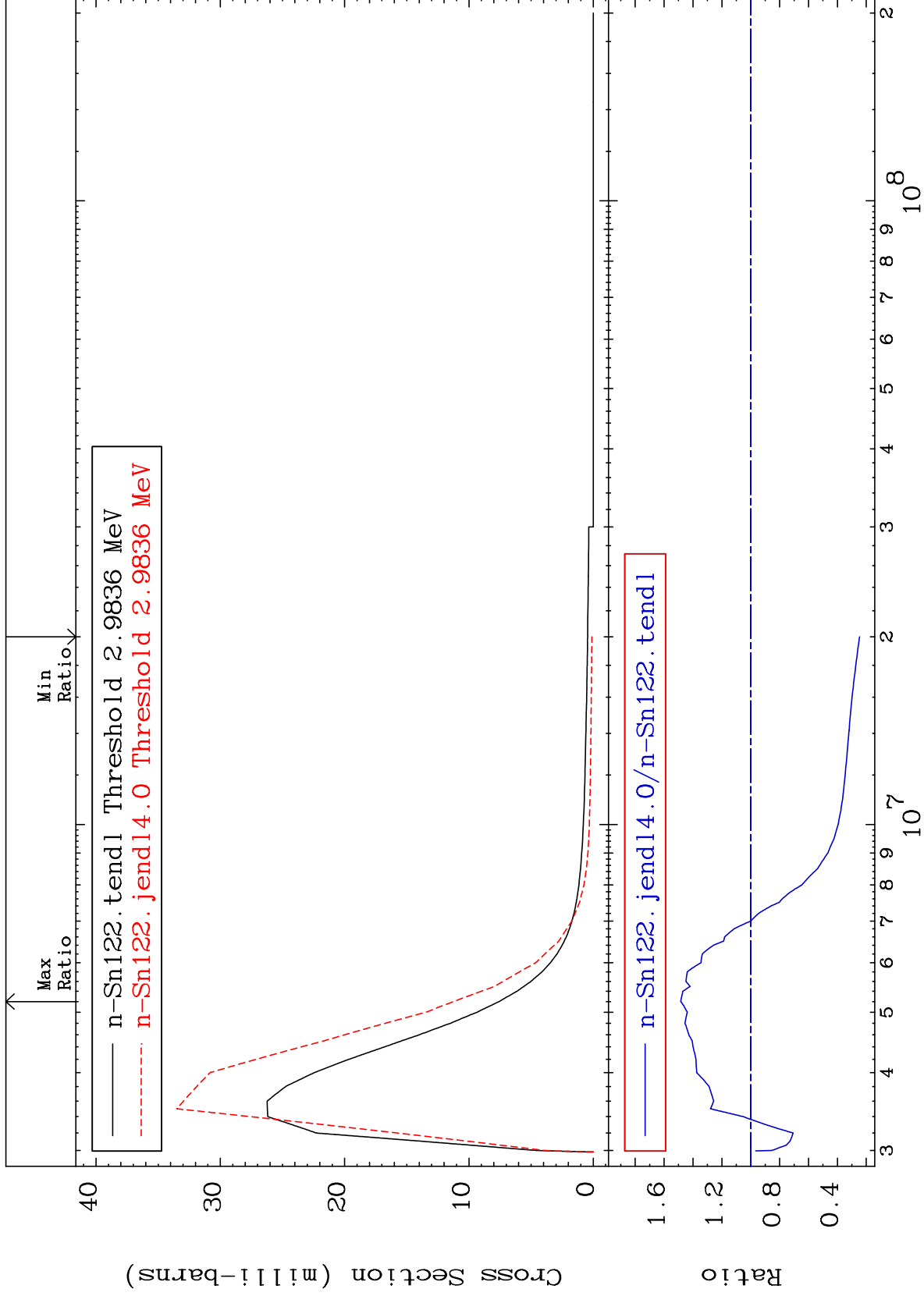




MAT 5055

MT= 76 (n,n') Level  
Cross Section

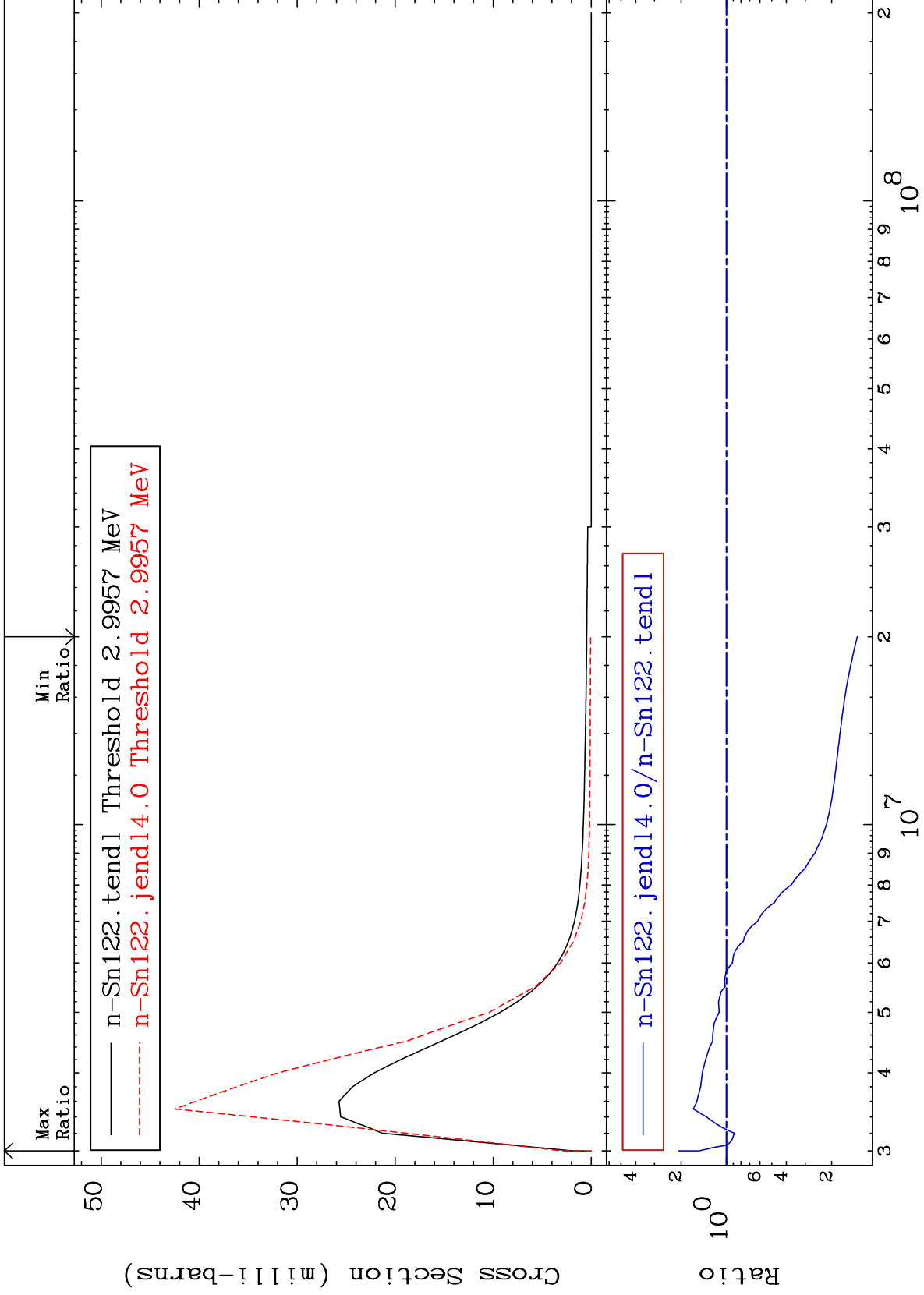
50-Sn-122  
-75.33 To 48.45 %



MAT 5055

MT= 77 (n,n') Level  
Cross Section

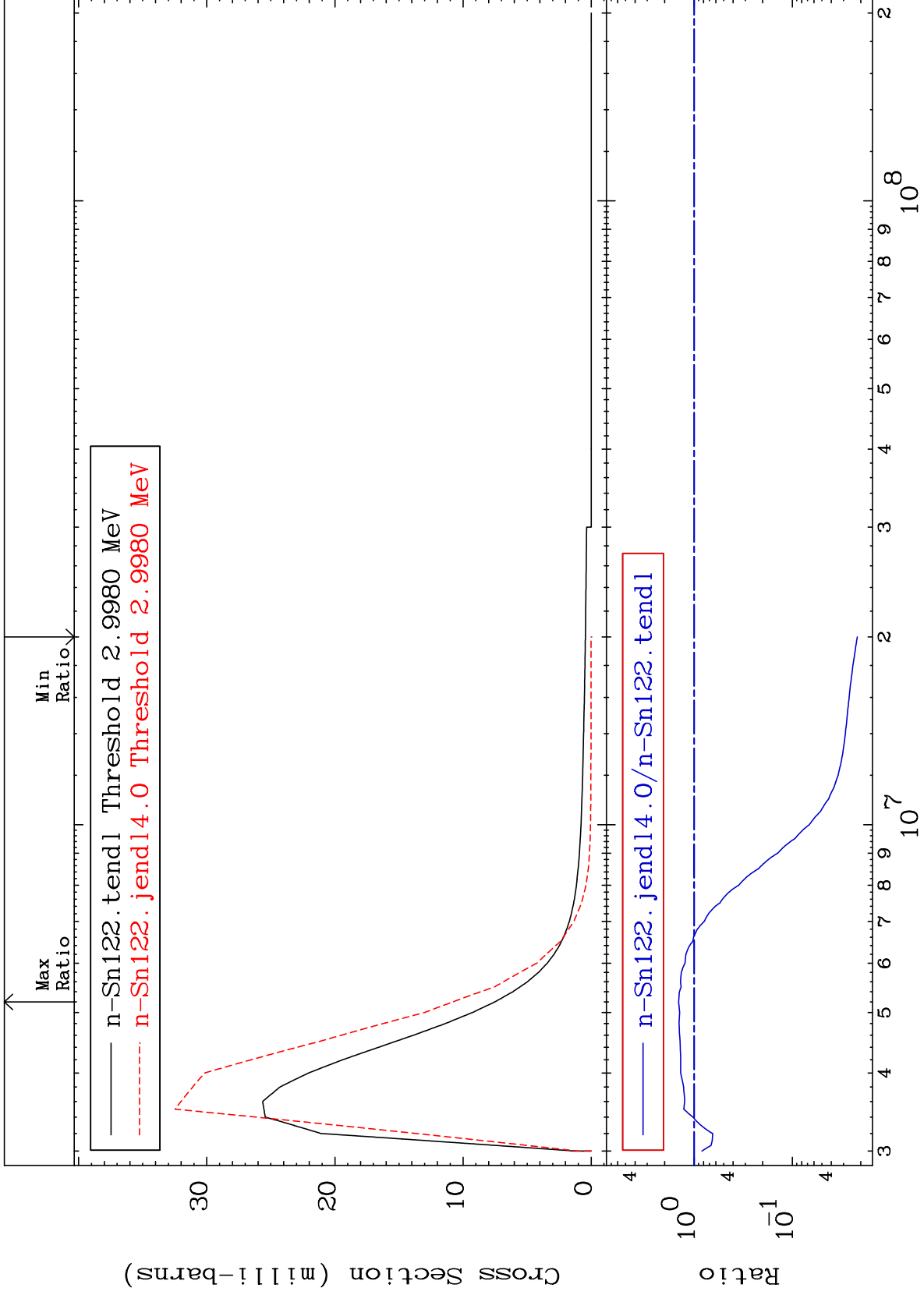
50-Sn-122  
-86.45 To 107.4 %



MAT 5055

MT= 78 (n,n') Level  
Cross Section

50-Sn-122  
-97.82 To 43.77 %



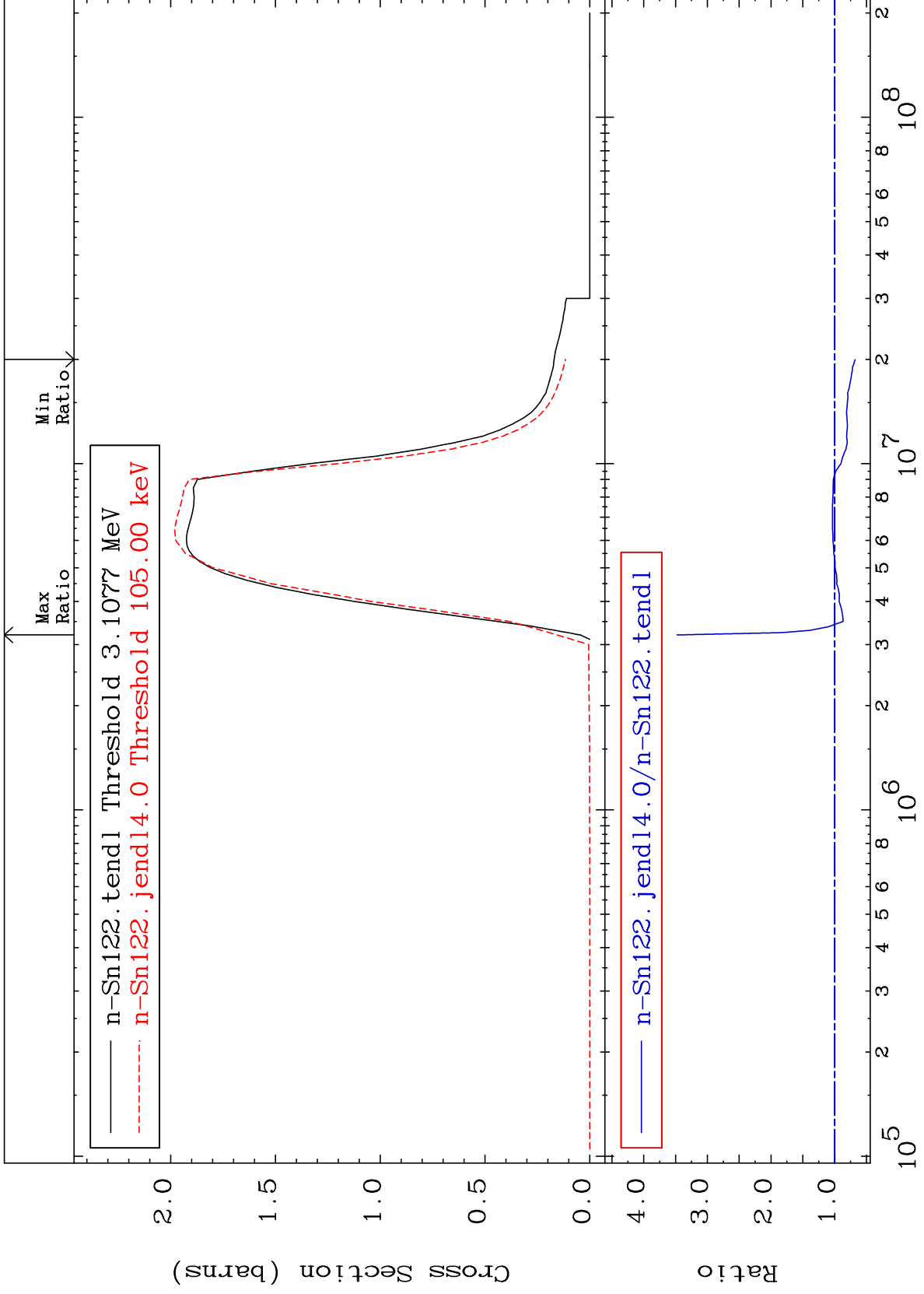
35

50-Sn-122

MAT 5055

(n, n') Continuum  
Cross Section

50-Sn-122  
-32.12 To 247.9 %



36

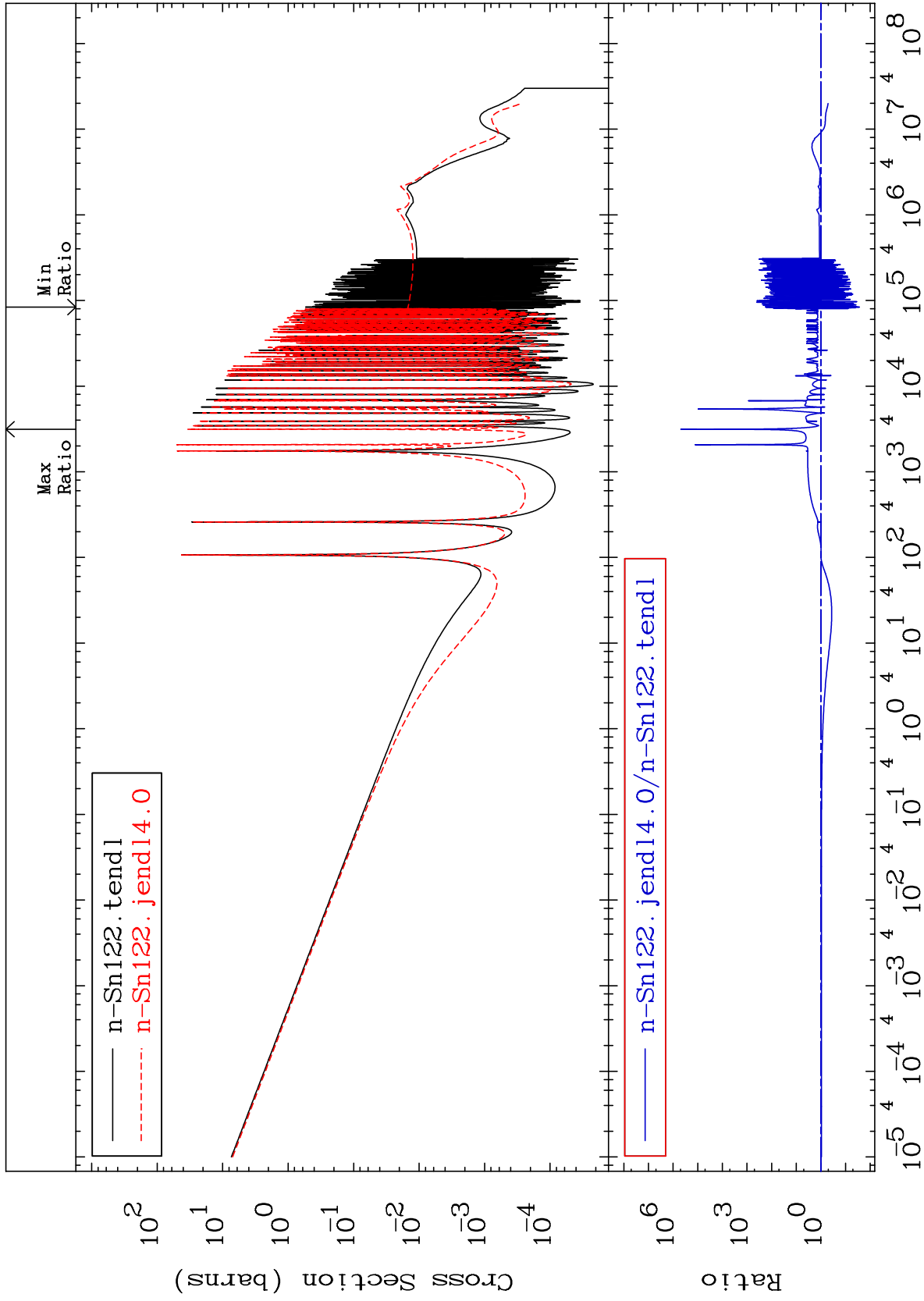
Incident Energy (eV)

50-Sn-122

MAT 5055

(n,  $\gamma$ )  
Cross Section

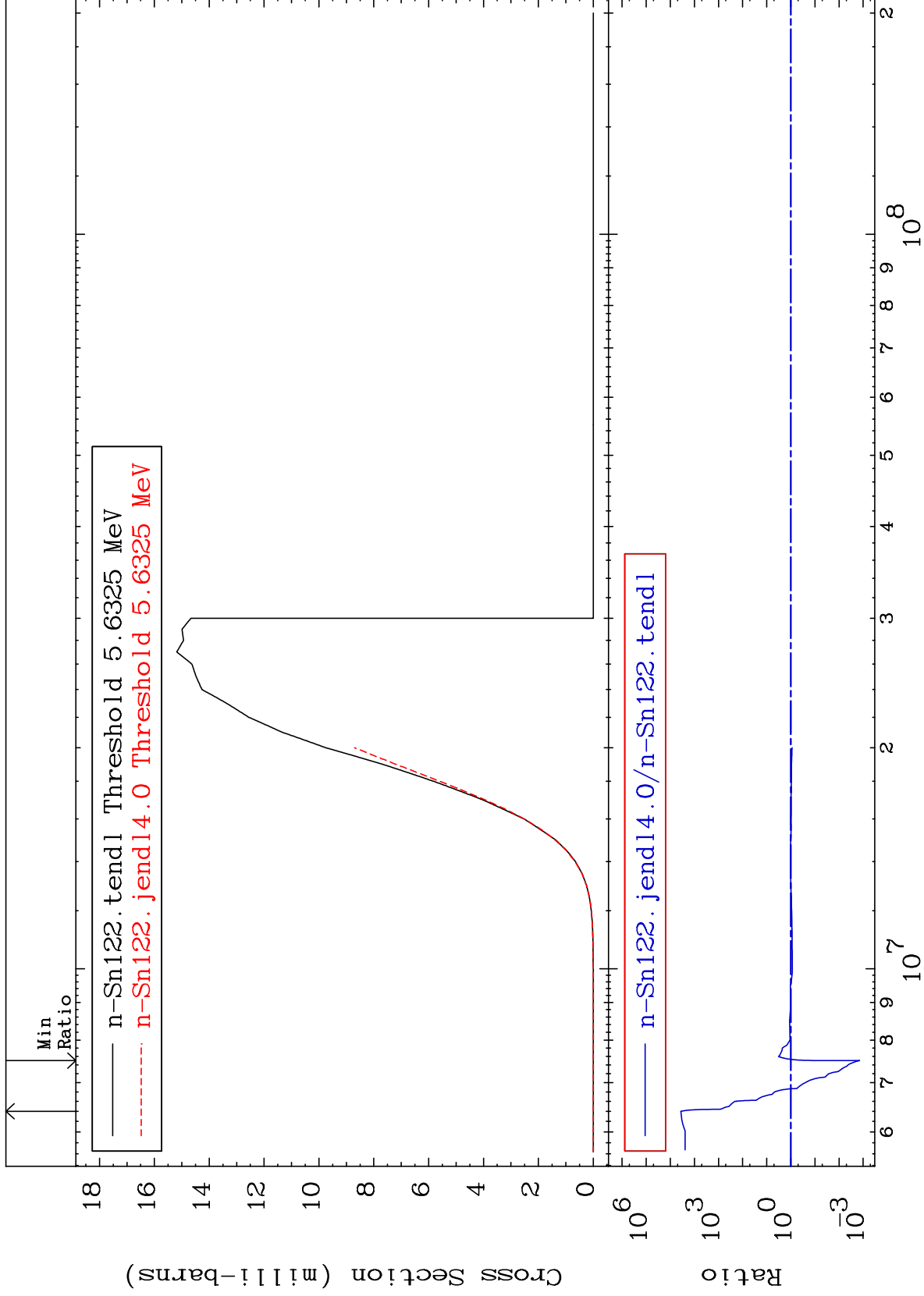
50-Sn-122  
-97.29 To 9999. %



MAT 5055

(n,p)  
Cross Section

50-Sn-122  
-99.86 To 9999. %



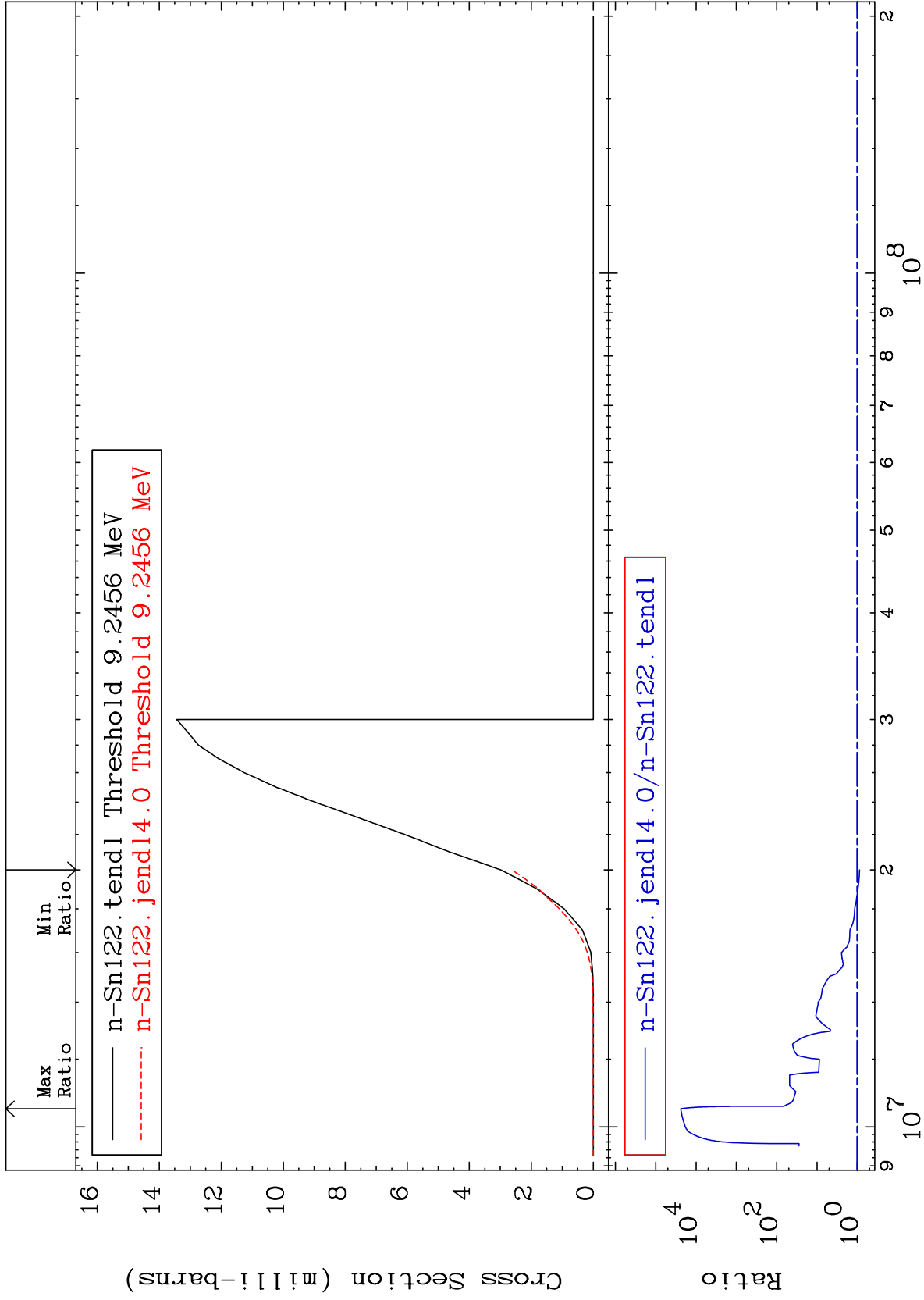
MAT 5055

(n, d)

50-Sn-122

Cross Section

-12.01 To 9999. %



39

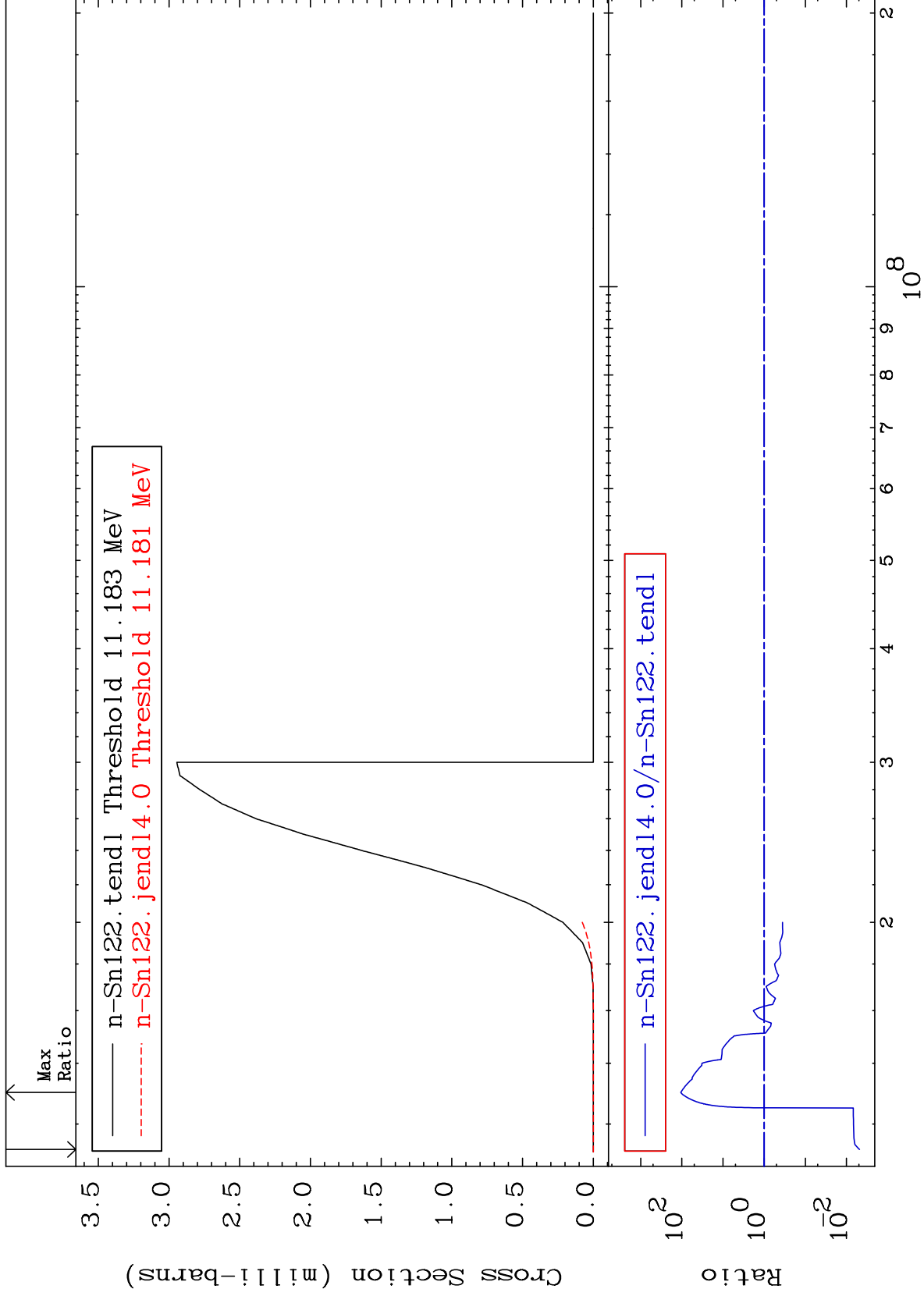
Incident Energy (eV)

50-Sn-122

MAT 5055

(n, t)  
Cross Section

50-Sn-122  
-99.52 To 9999. %



40

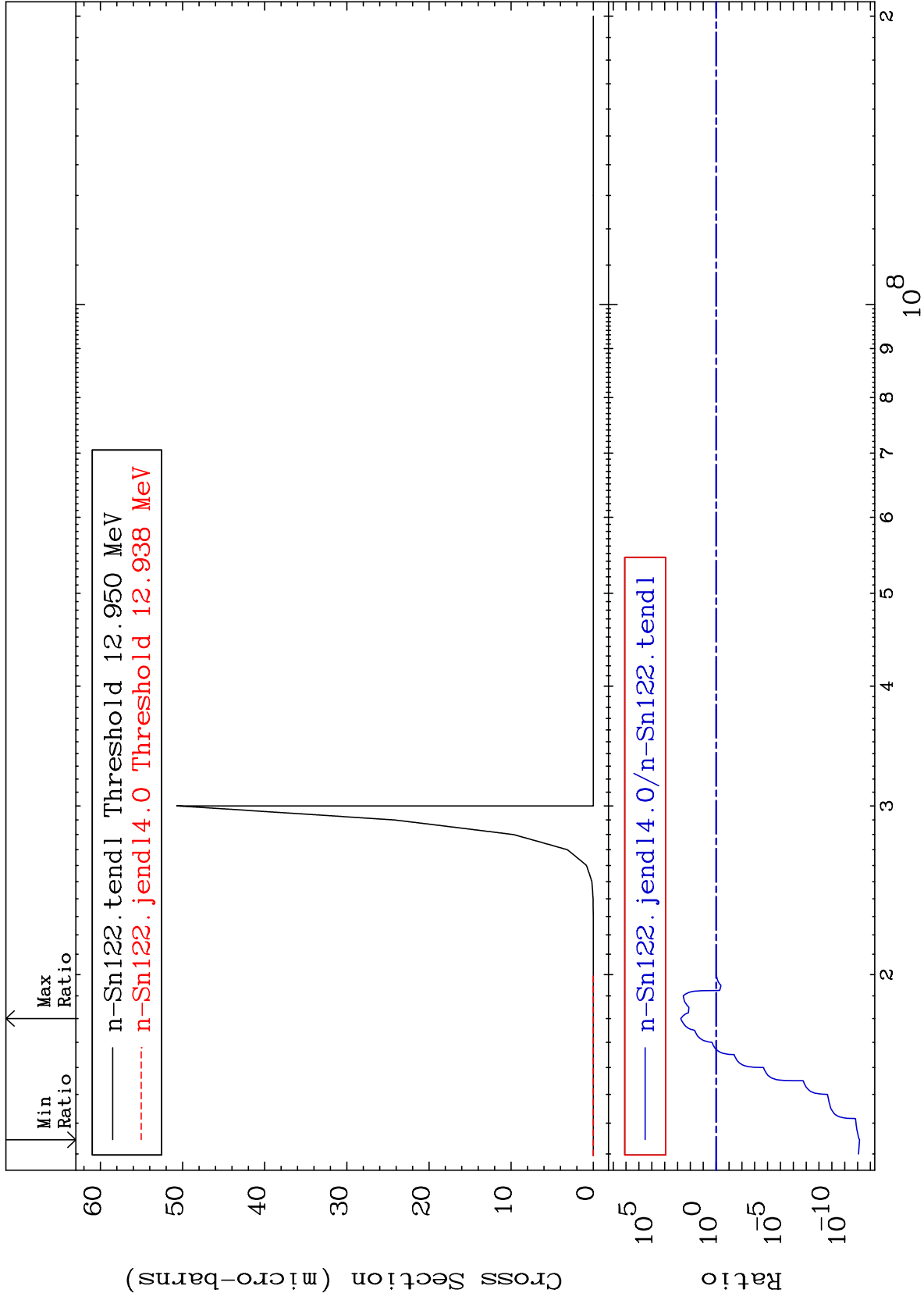
Incident Energy (eV)

50-Sn-122



Cross Section

-100.0 To 9999. %



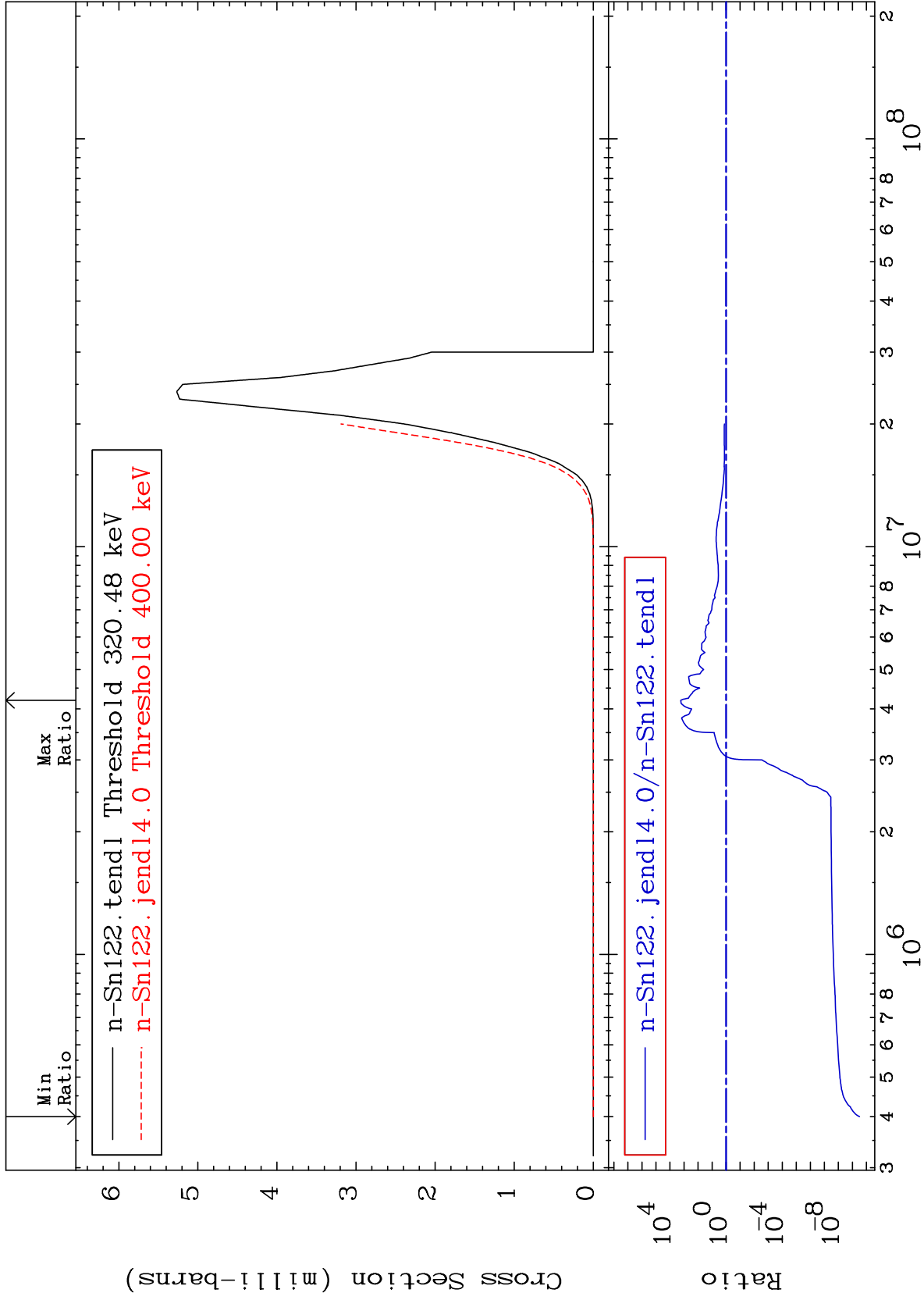
MAT 5055

(n,  $\alpha$ )

50-Sn-122

Cross Section

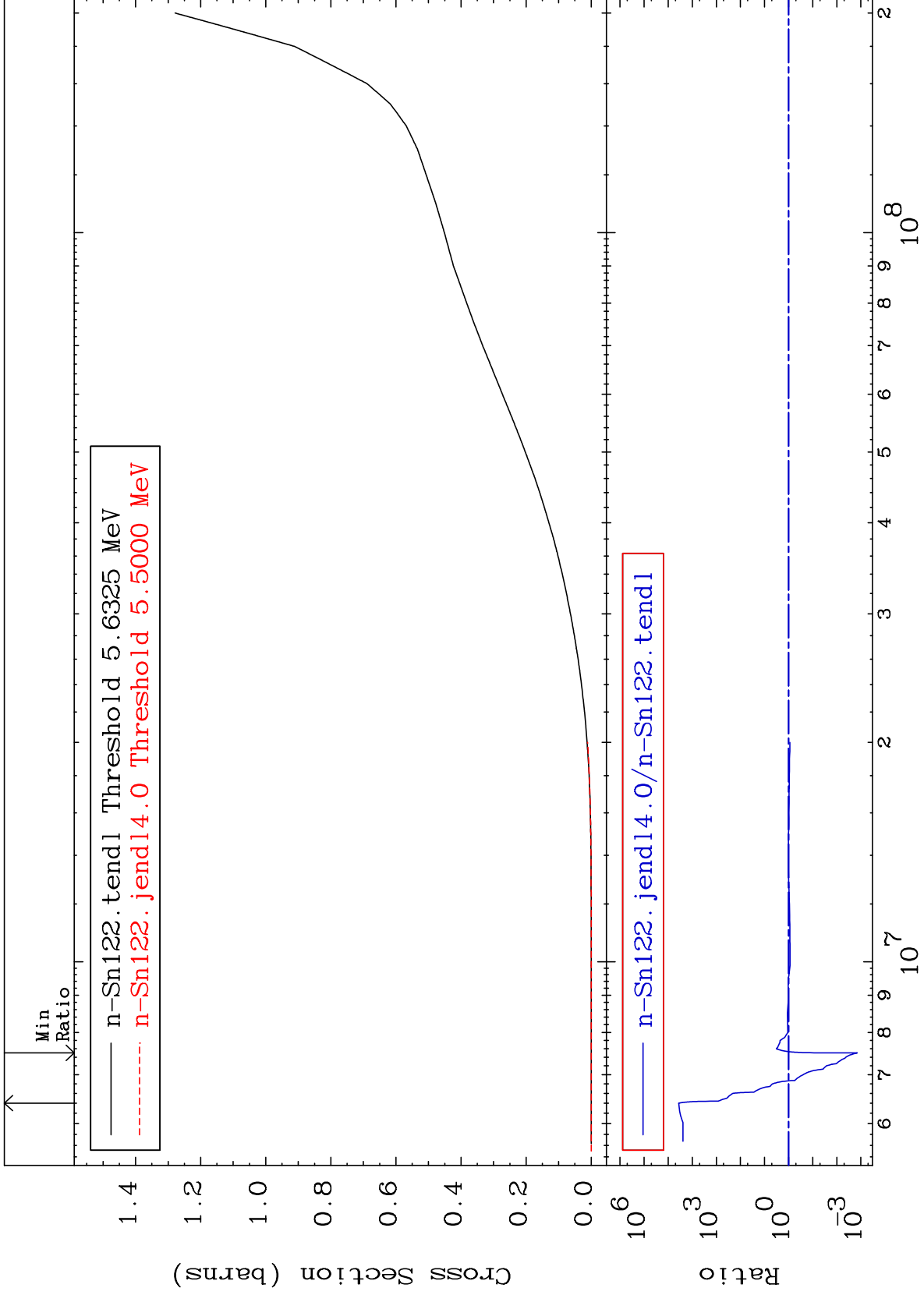
-100.0 To 9999. %



MAT 5055

Hydrogen Production  
Cross Section

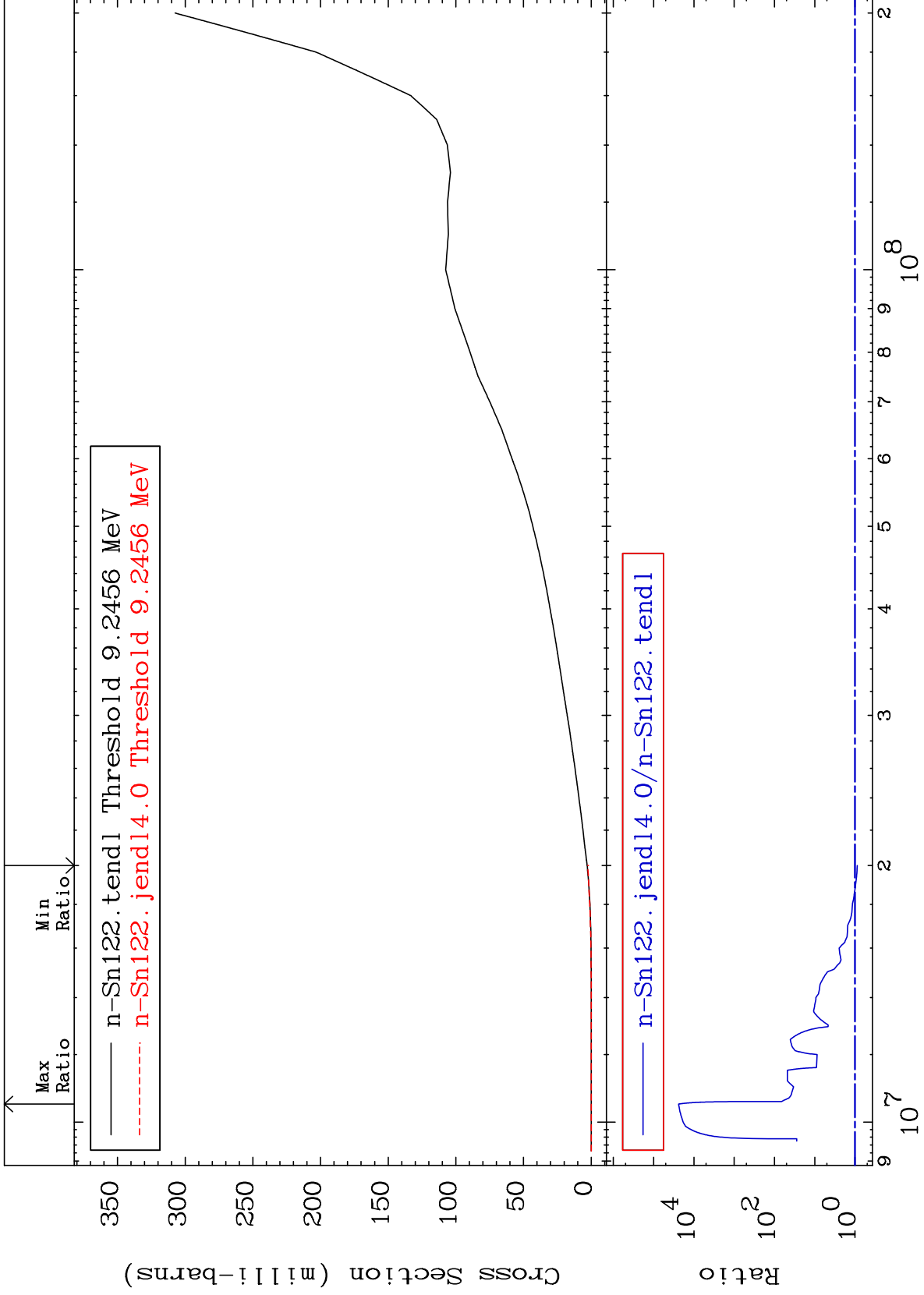
50-Sn-122  
-99.86 To 9999. %



MAT 5055

Deuterium Production  
Cross Section

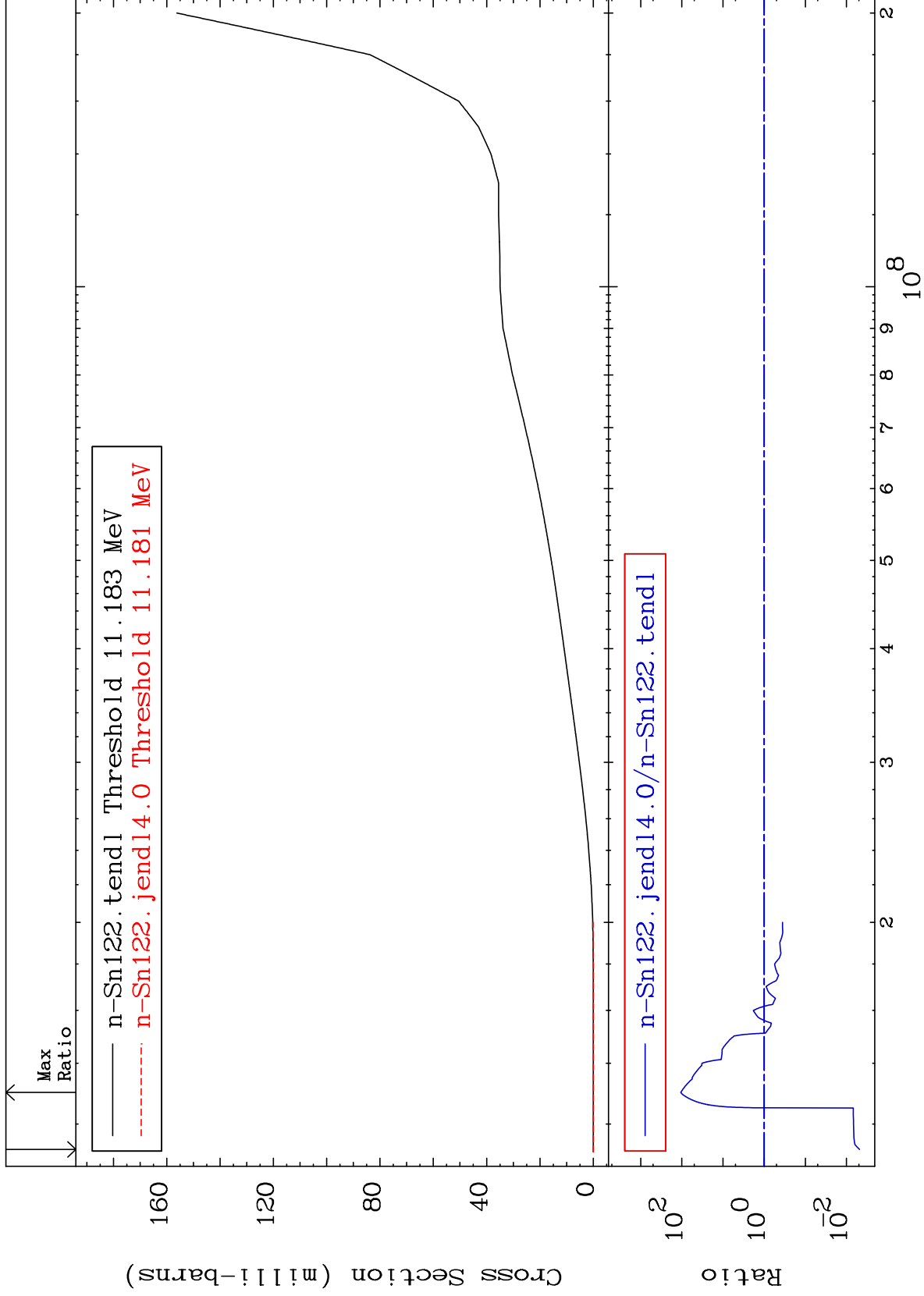
50-Sn-122  
-12.01 To 9999. %

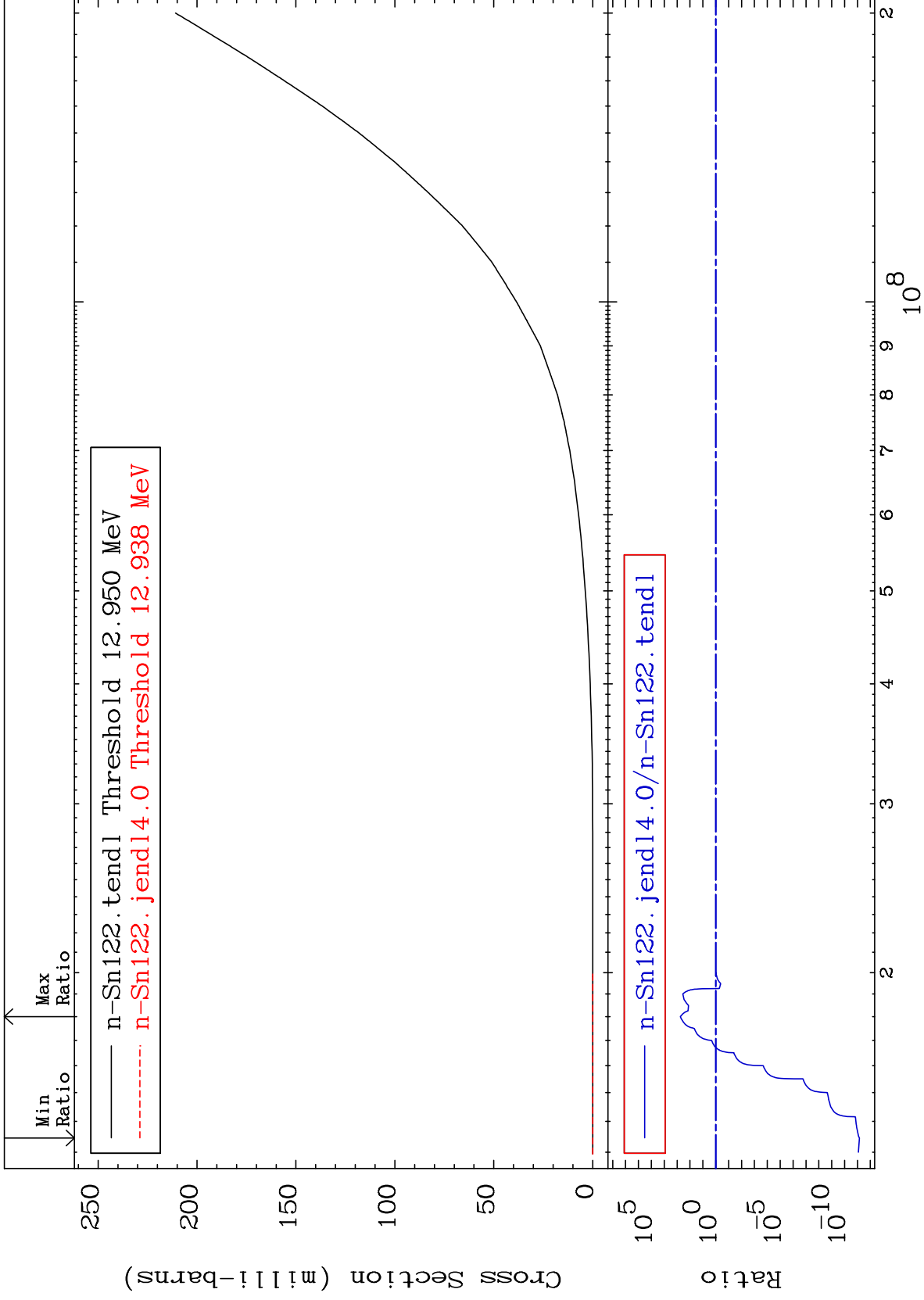


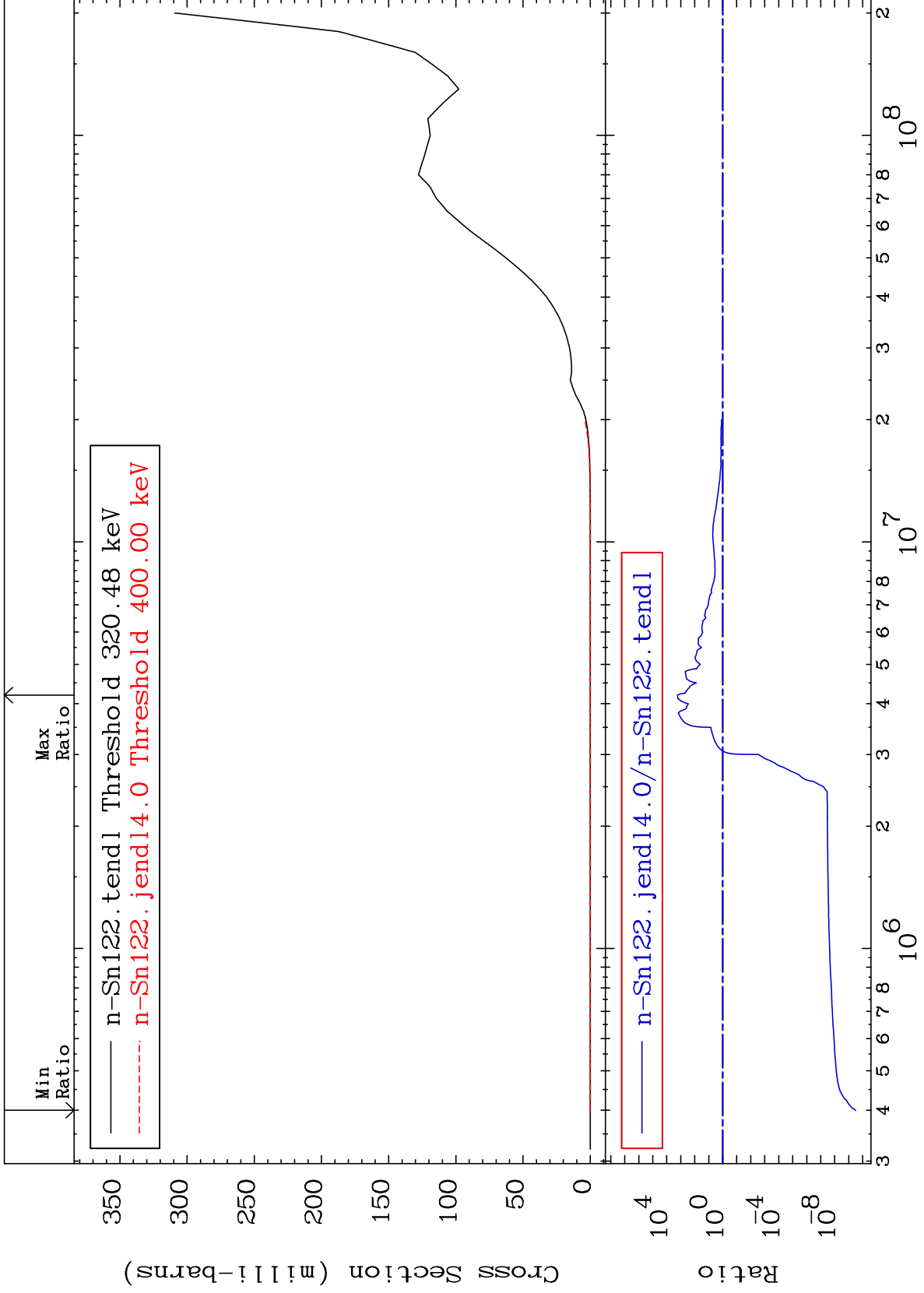
MAT 5055

Tritium Production  
Cross Section

50-Sn-122  
-99.52 To 9999. %







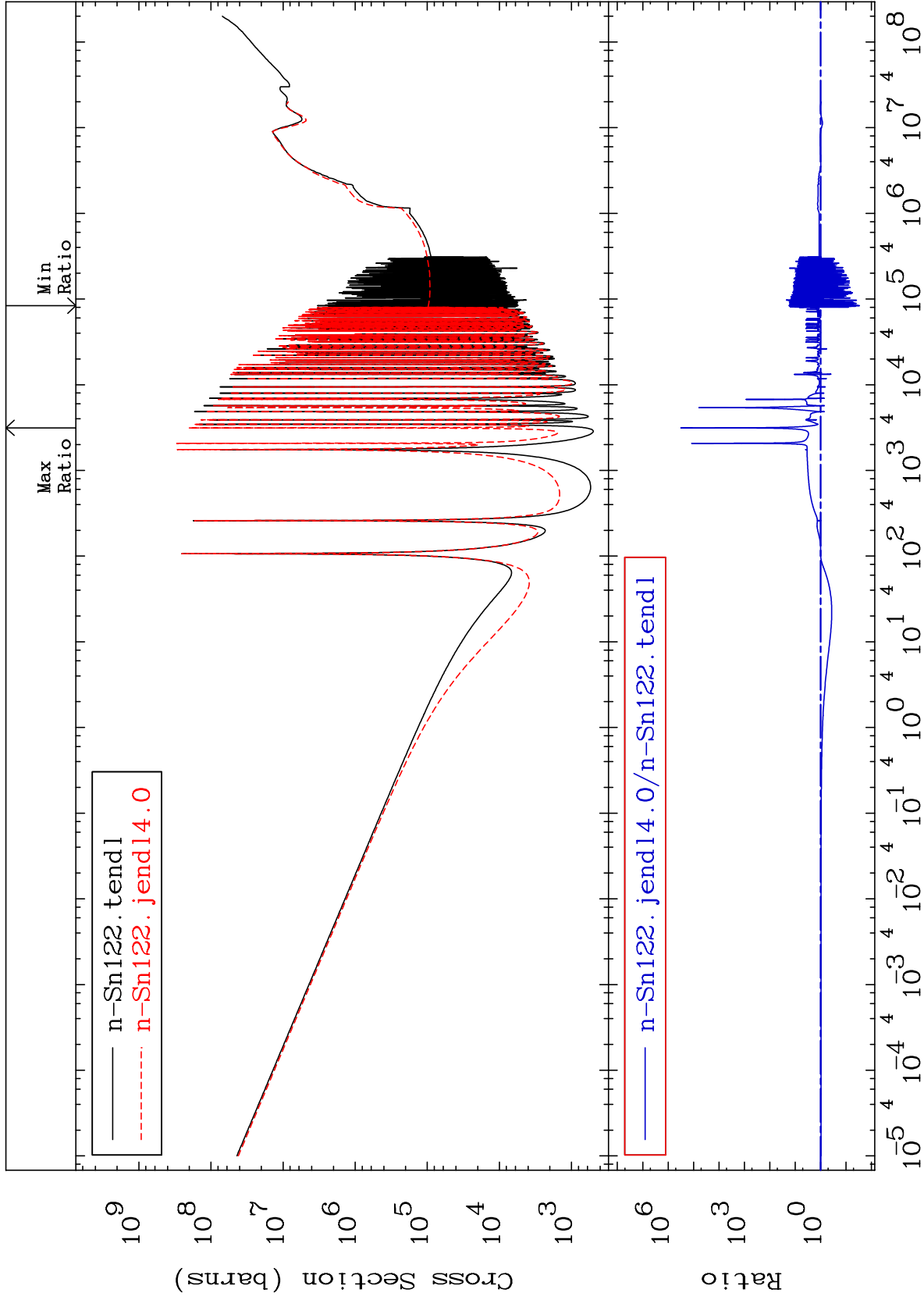
MAT 5055

Kerma total (eV-barns)

50-Sn-122

Cross Section

-97.08 To 9999. %



Incident Energy (eV)

50-Sn-122

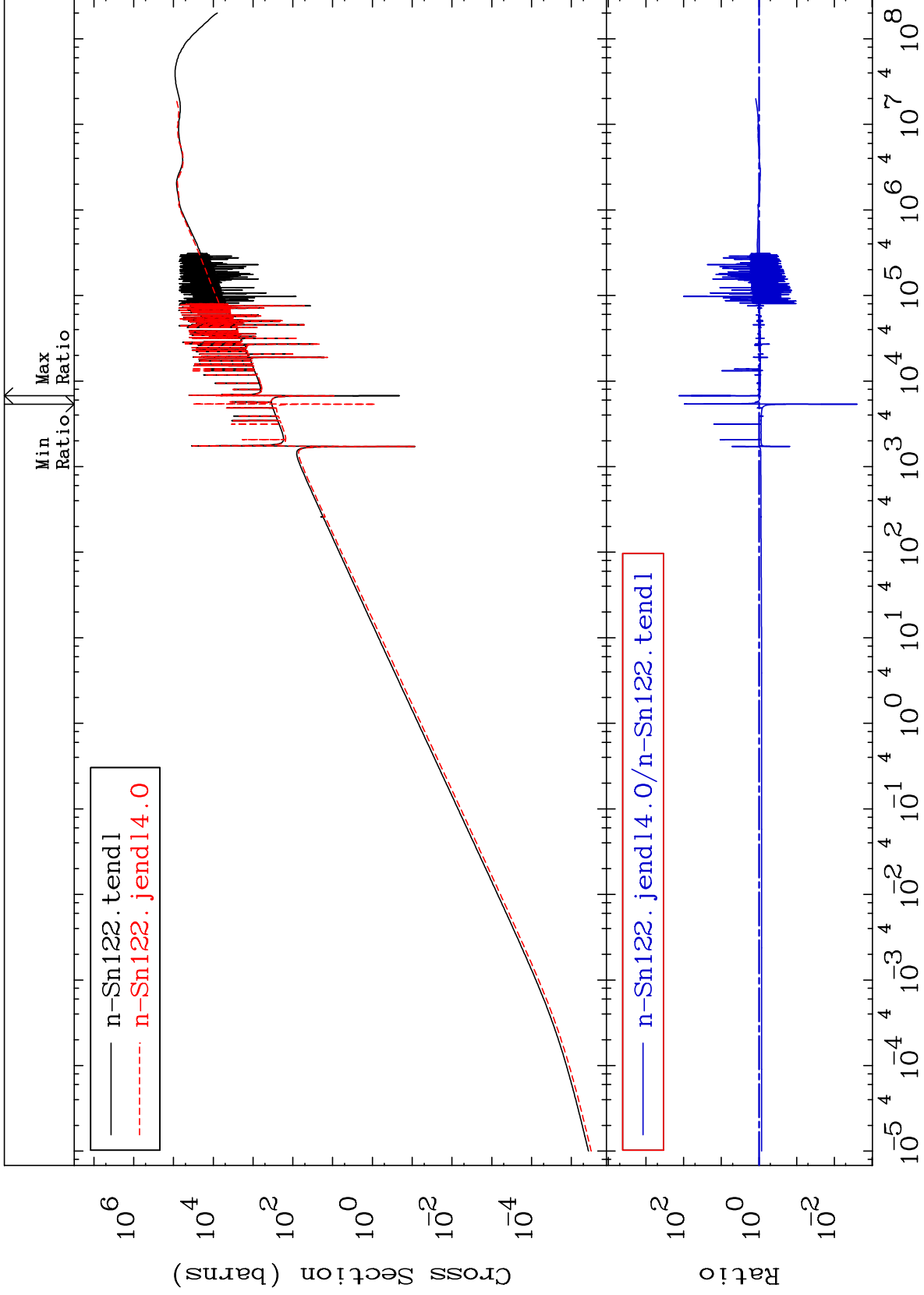
48



MAT 5055

Kerma elastic  
Cross Section

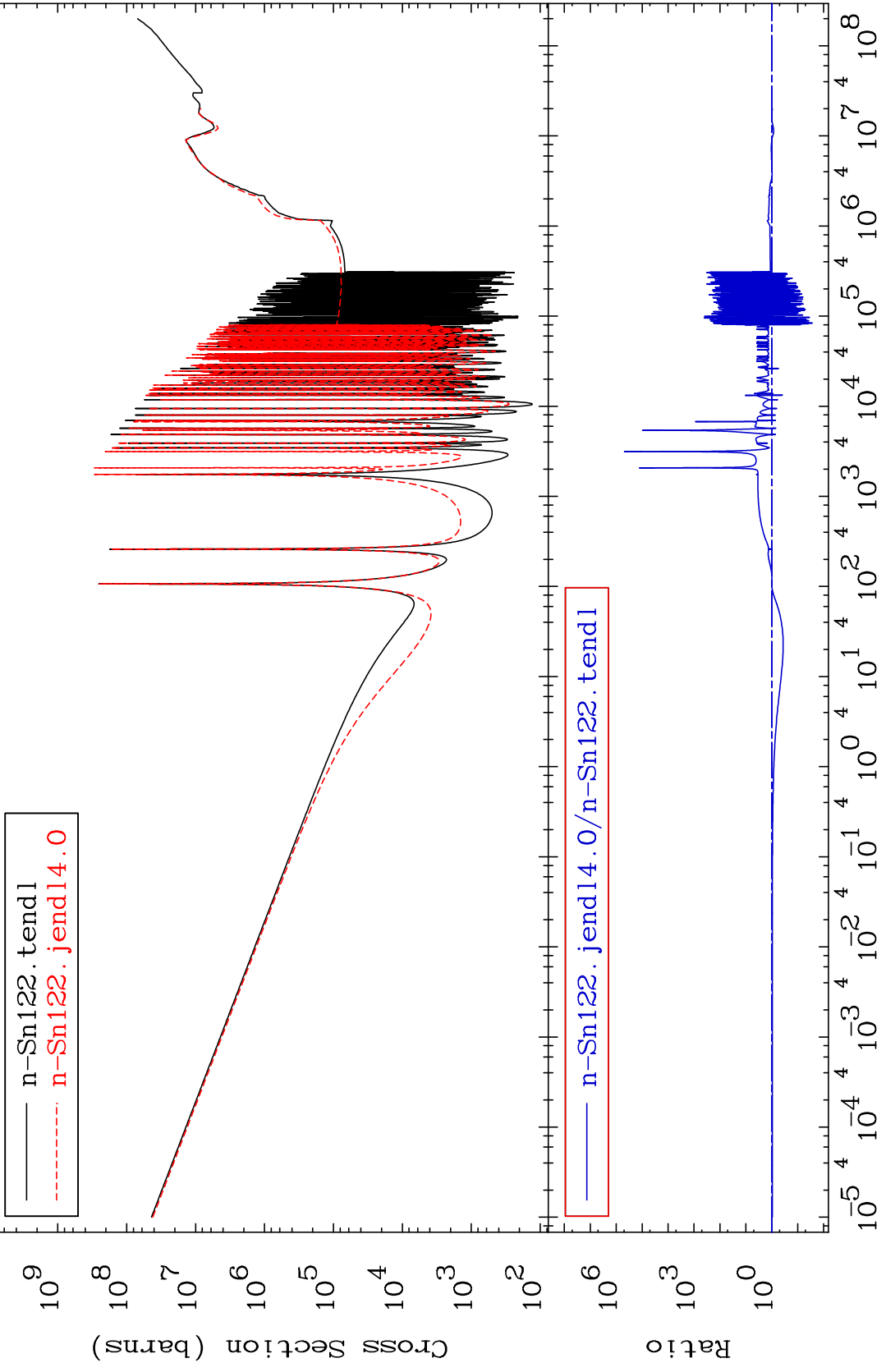
50-Sn-122  
-99.75 To 9999. %



MAT 5055

Kerma non-elastic (all but mt2)  
Cross Section

50-Sn-122  
-97.29 To 9999. %



50

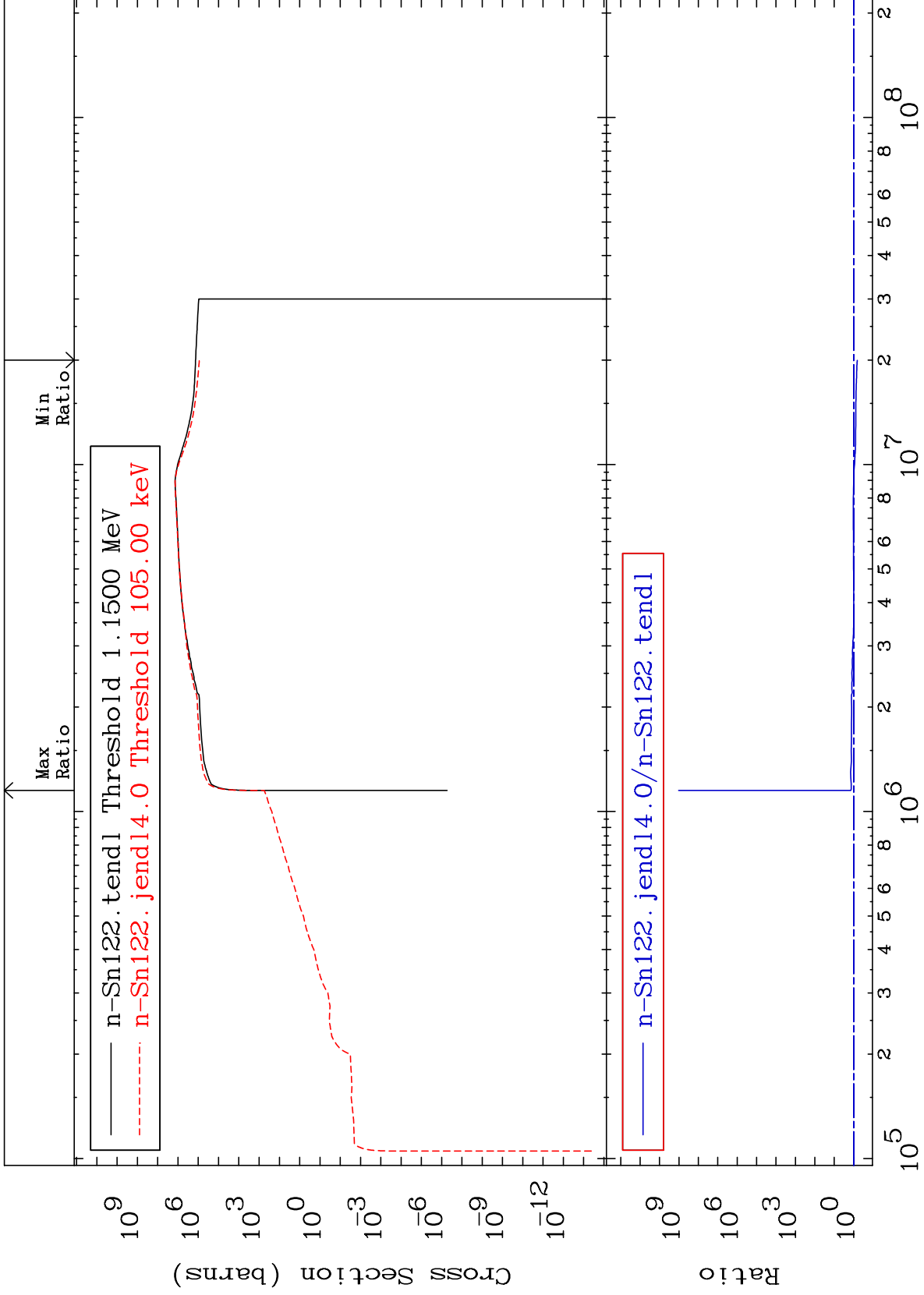
Incident Energy (eV)

50-Sn-122

MAT 5055

Kerma inelastic (mt51-91)  
Cross Section

50-Sn-122  
-34.55 To 9999. %



51

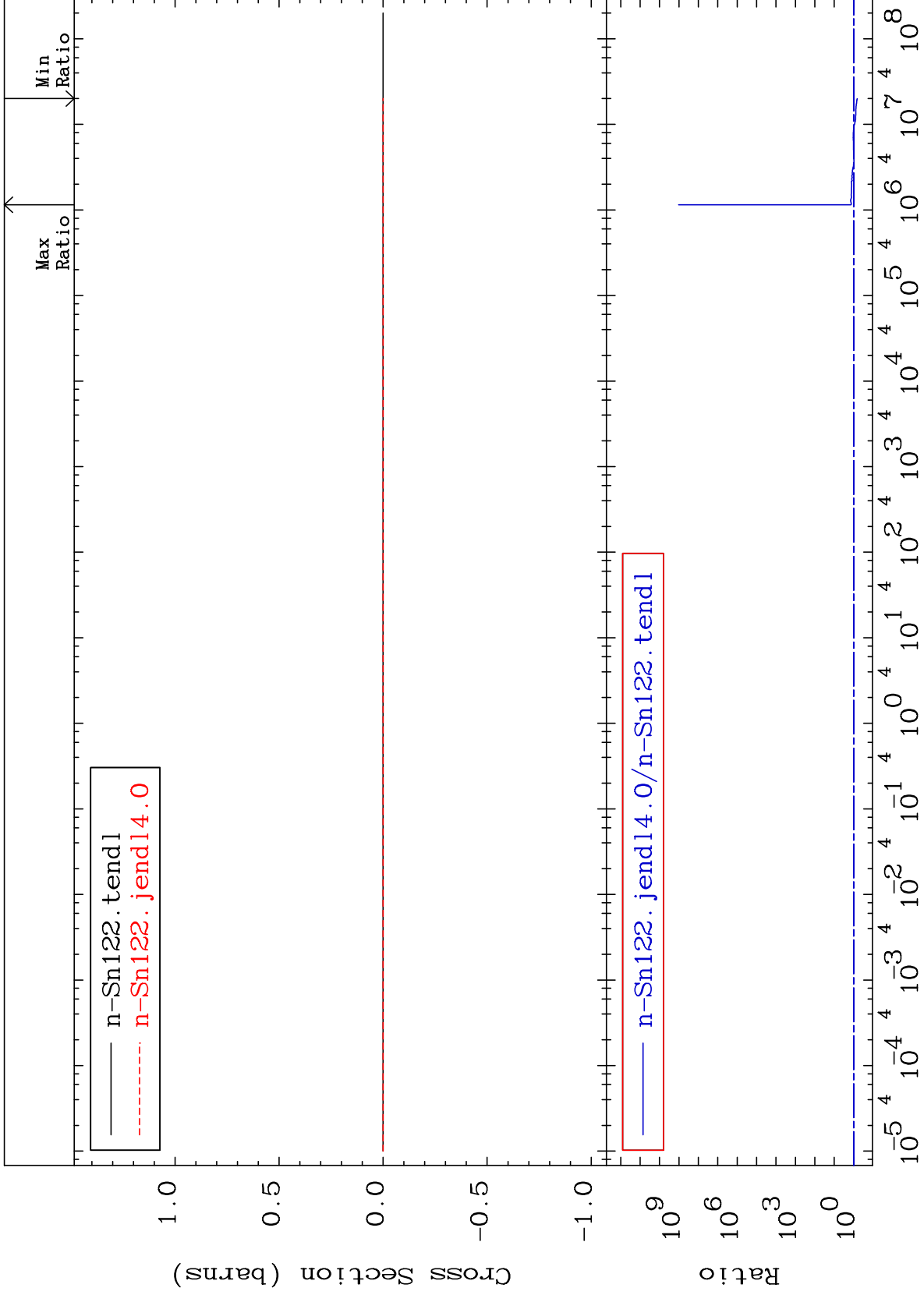
Incident Energy (eV)

50-Sn-122

MAT 5055

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

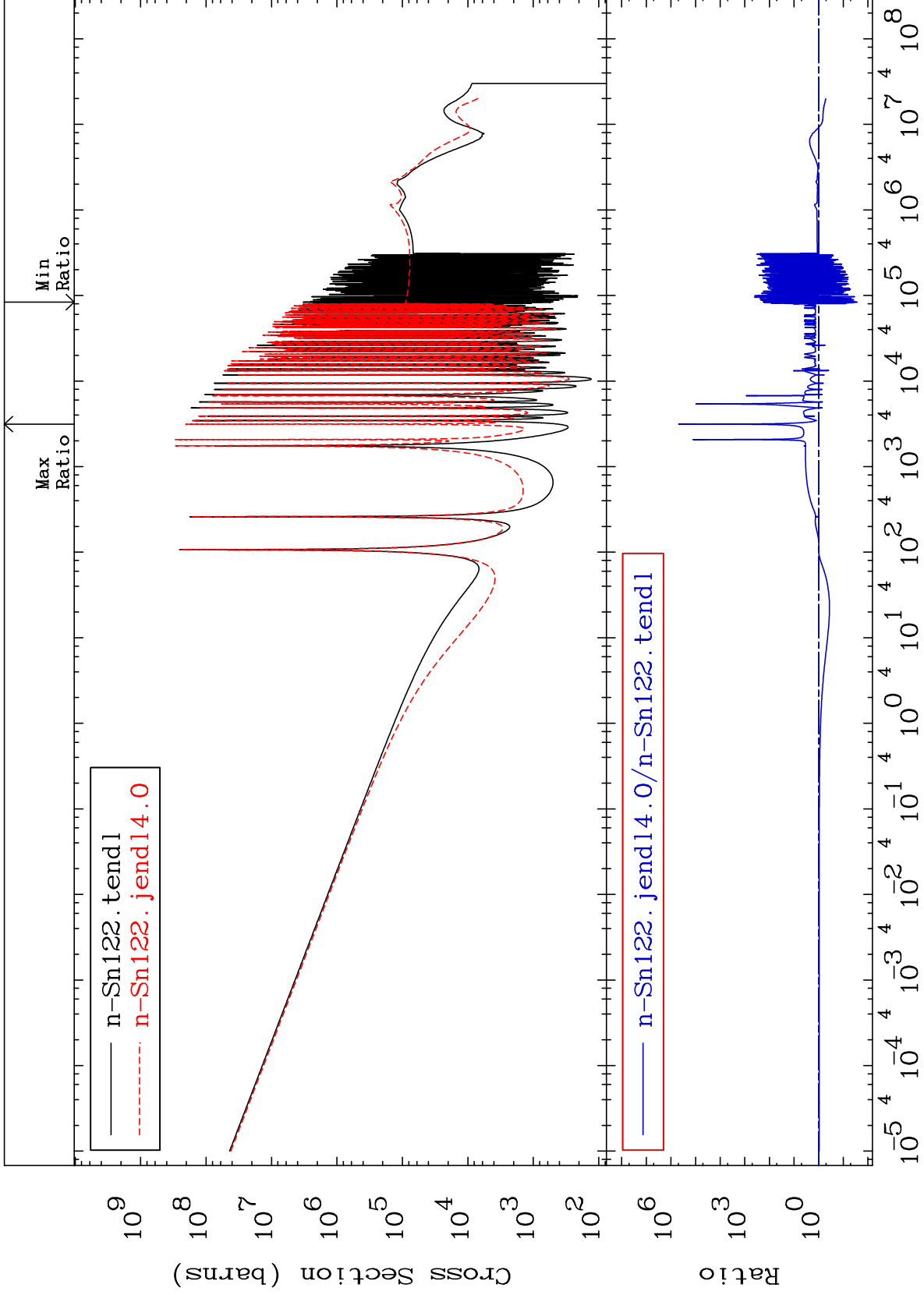
50-Sn-122  
-34.55 To 9999. %



MAT 5055

Kerma capture (mt102)  
Cross Section

50-Sn-122  
-97.29 To 9999. %

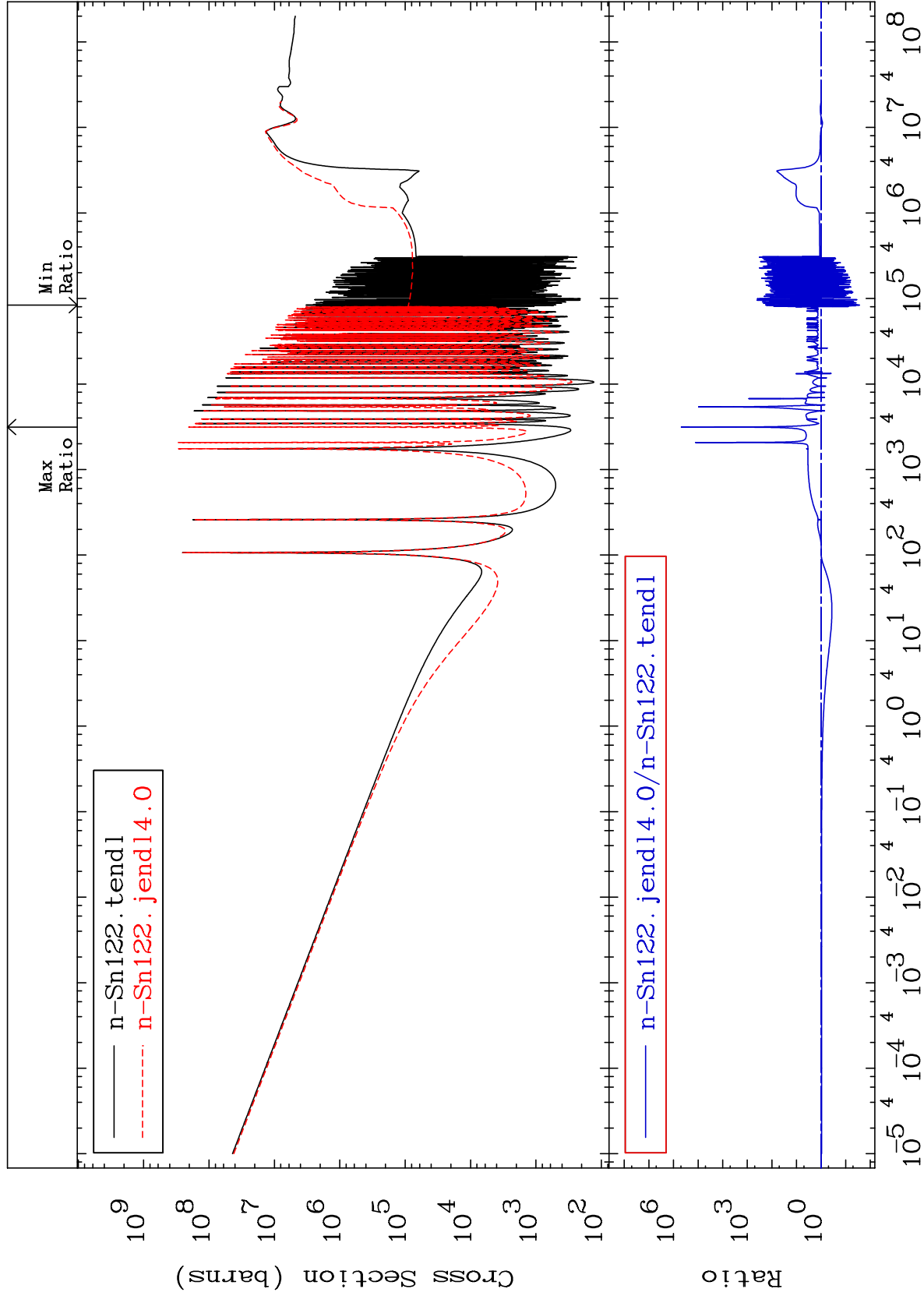


MAT 5055

Total photon (eV-barns)  
Cross Section

50-Sn-122

-97.29 To 9999. %



54

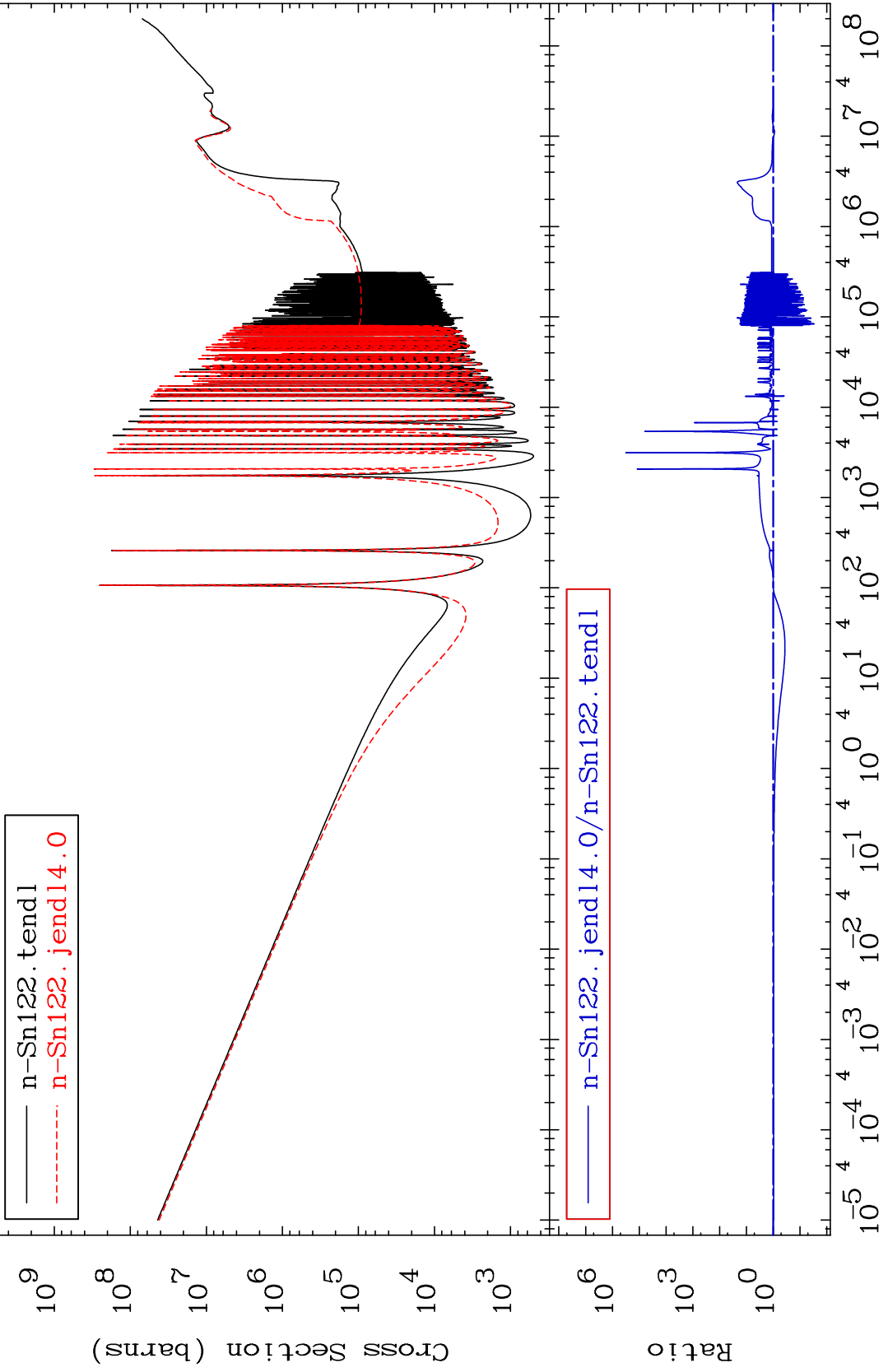
Incident Energy (eV)

50-Sn-122

MAT 5055

Total kinematic kerma (high limit)  
Cross Section

50-Sn-122  
-97.08 To 9999. %



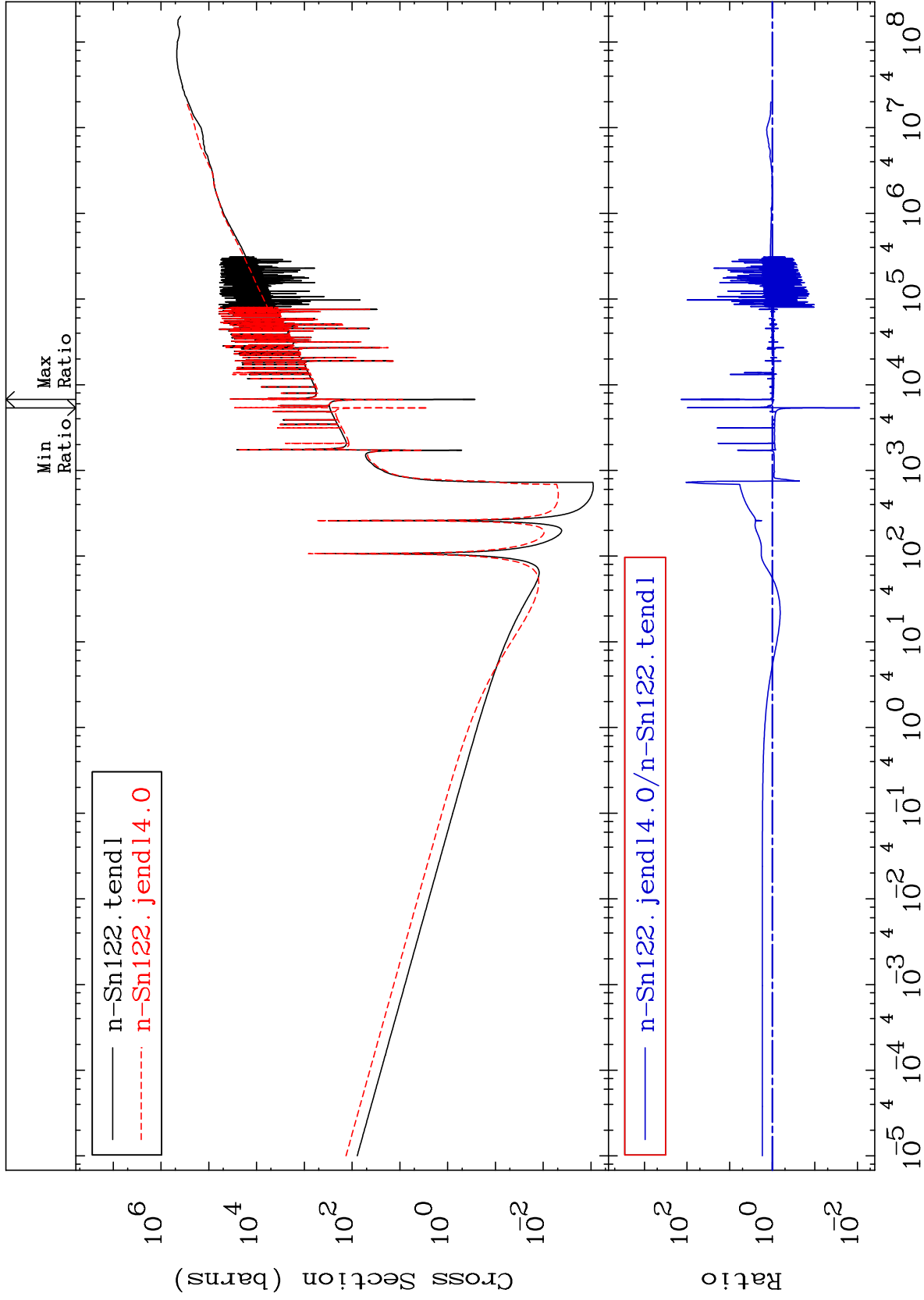
55

Incident Energy (eV)

50-Sn-122

Cross Section

-99.11 To 9999. %

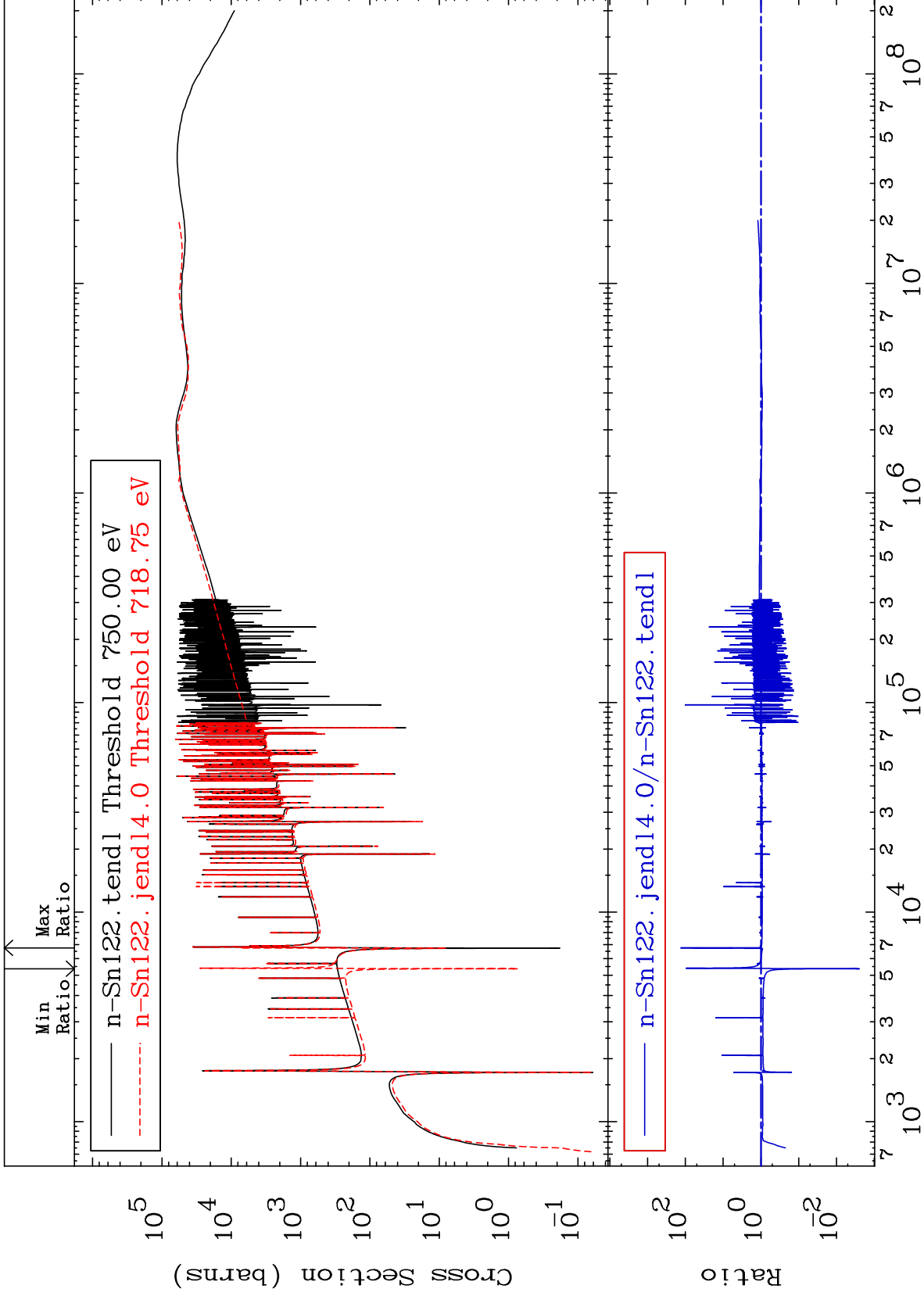




MAT 5055

Dpa elastic (mt2)  
Cross Section

50-Sn-122  
-99.75 To 9999. %



57

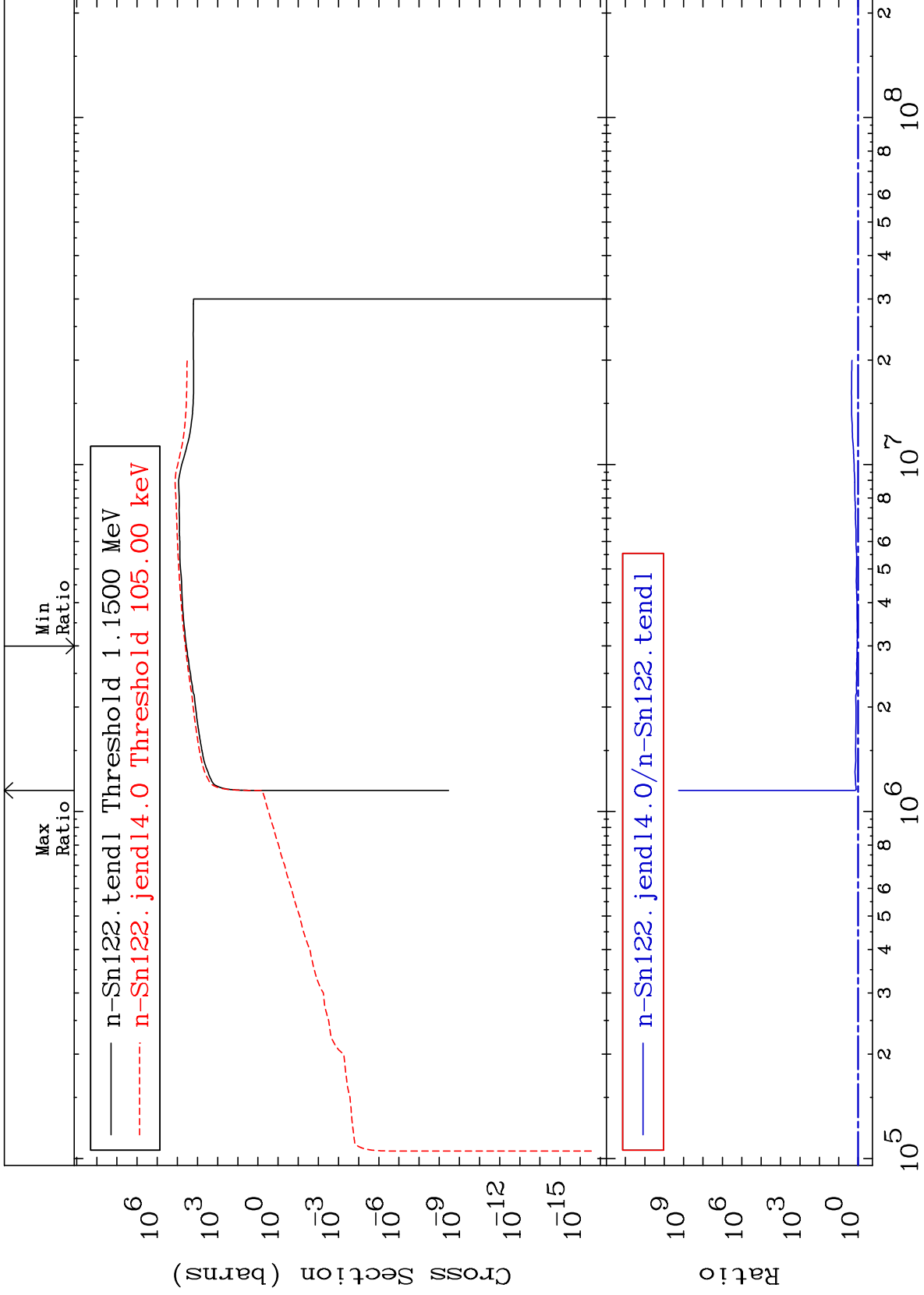
Incident Energy (eV)

50-Sn-122

MAT 5055

Dpa inelastic (mt51-91)  
Cross Section

50-Sn-122  
11.44 To 9999. %



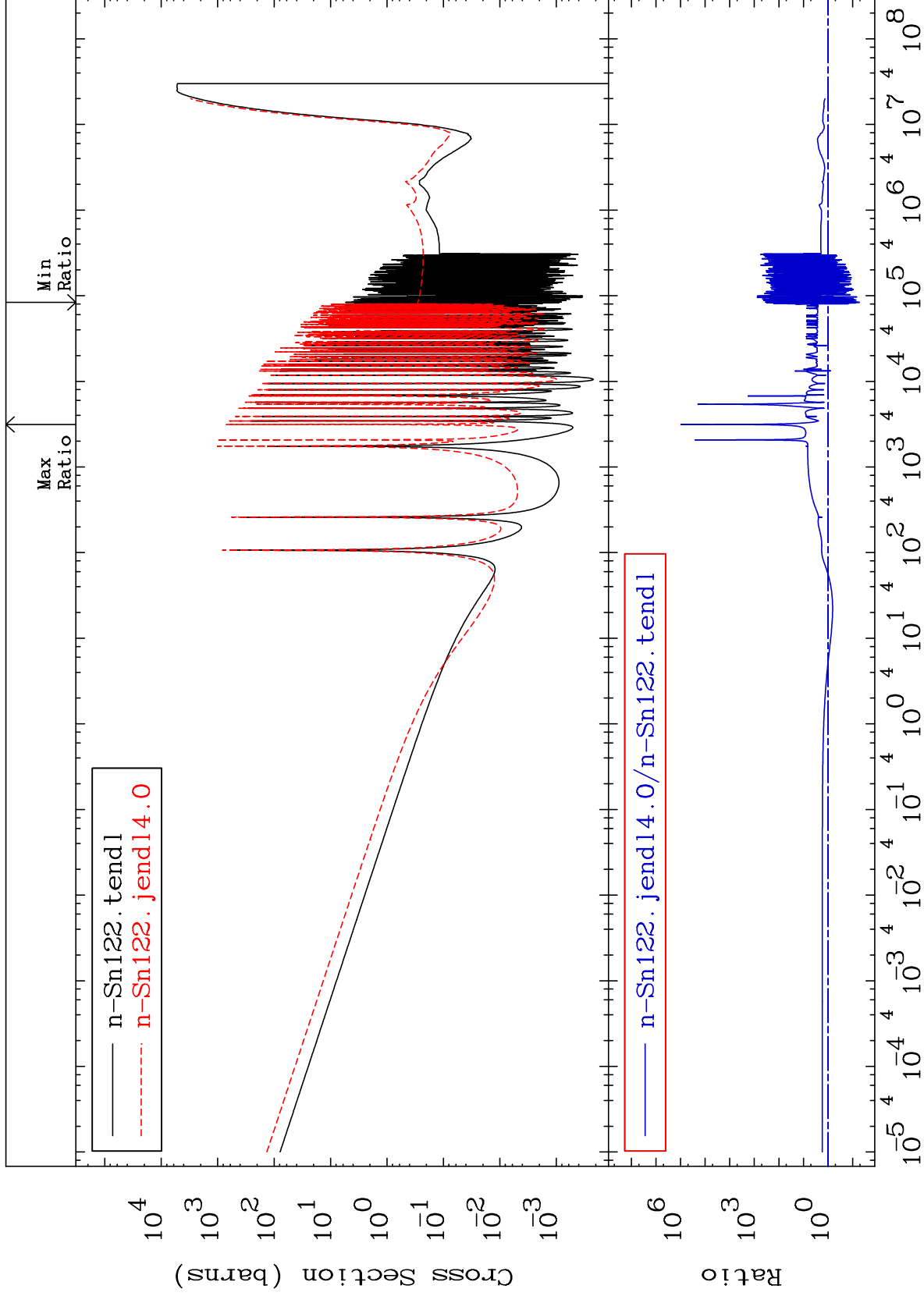
MAT 5055

Dpa disappearance (mt102 -120)

50-Sn-122

Cross Section

-94.77 To 9999. %



59

Incident Energy (eV)

50-Sn-122