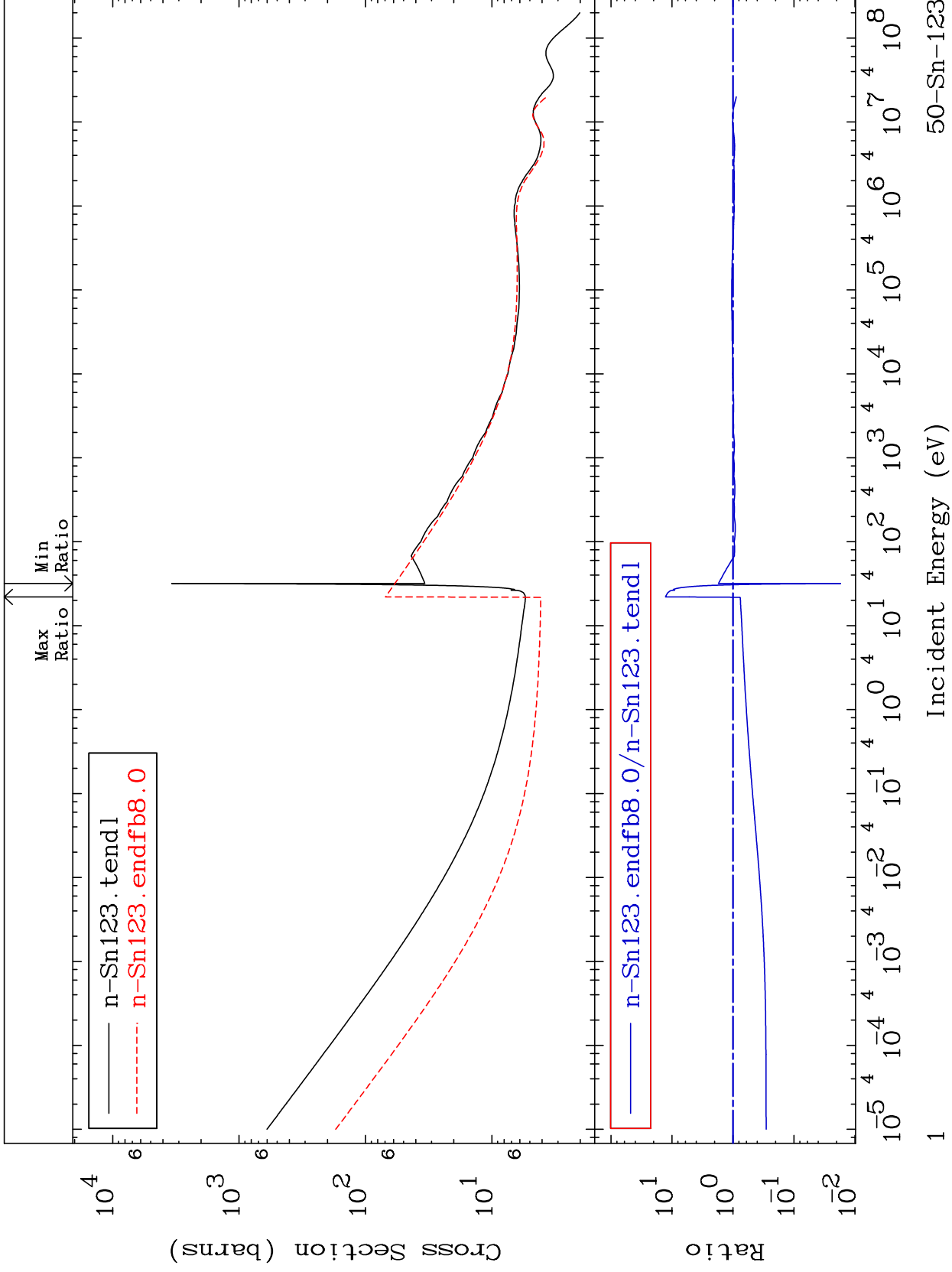


MAT 5058

Total  
Cross Section

50-Sn-123  
-98.29 To 1176. %



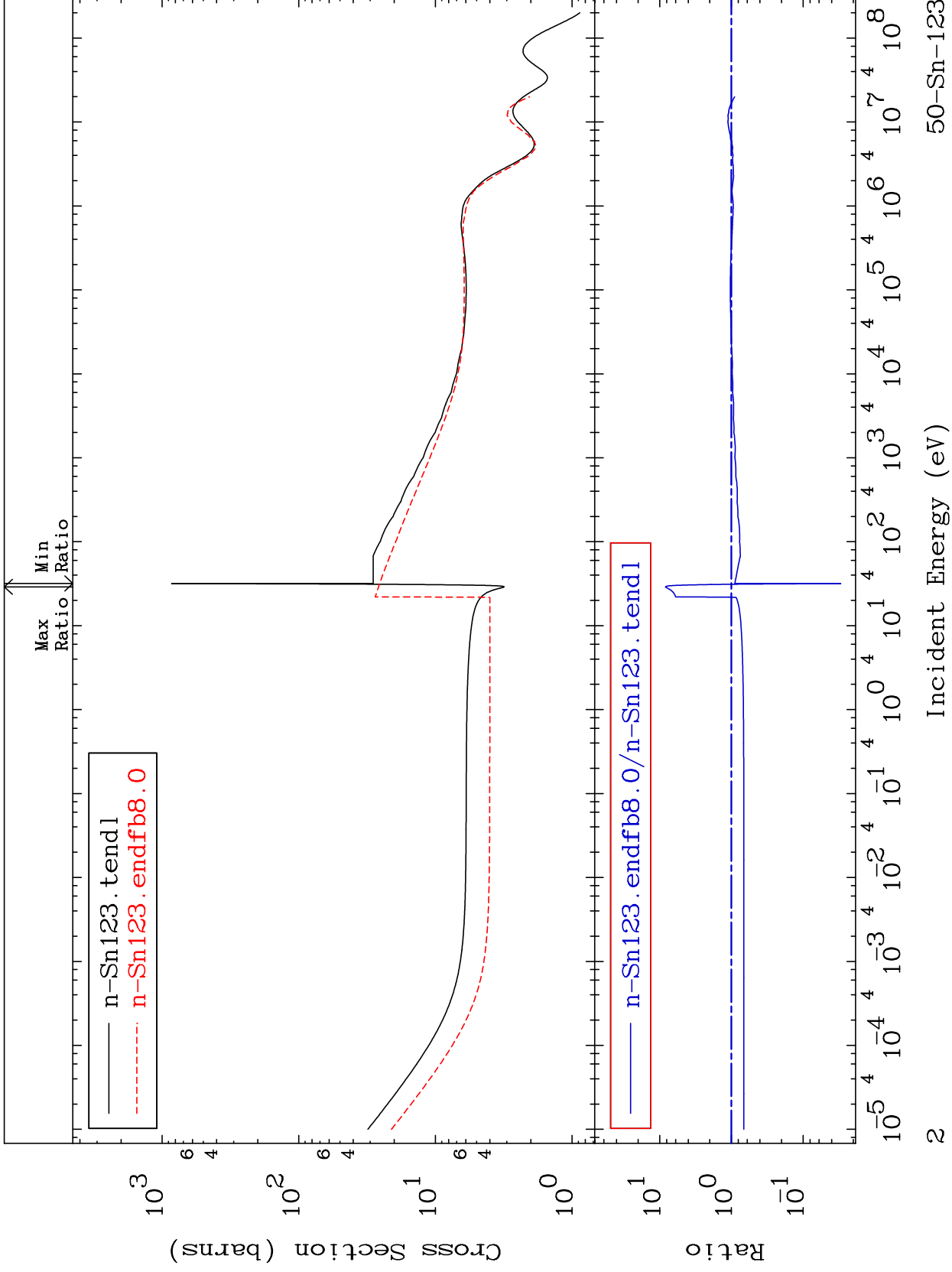
Incident Energy (eV)

50-Sn-123

MAT 5058

Elastic  
Cross Section

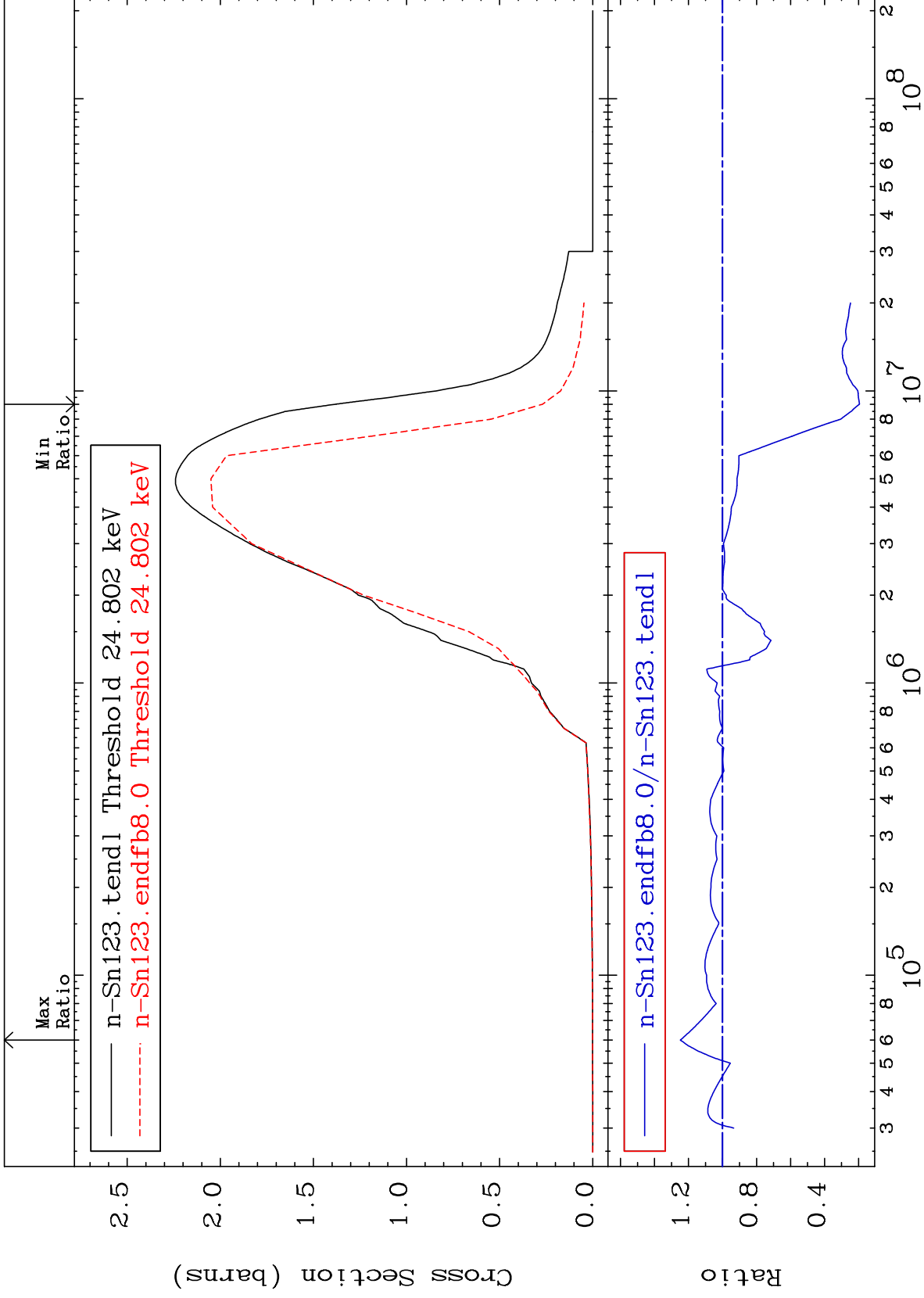
50-Sn-123  
-97.00 To 729.1 %



MAT 5058

Inelastic  
Cross Section

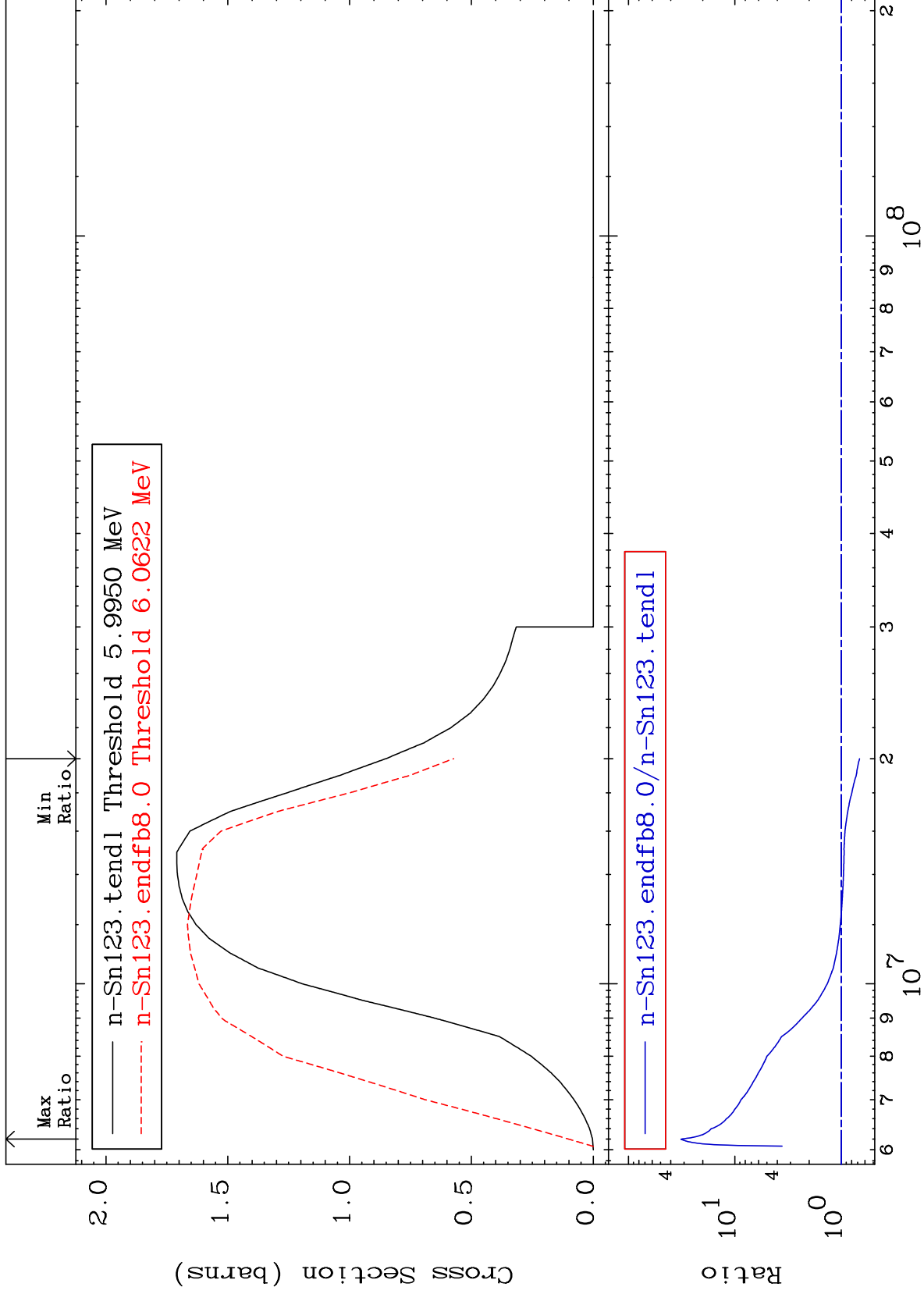
50-Sn-123  
-80.51 To 24.80 %



MAT 5058

(n,2n)  
Cross Section

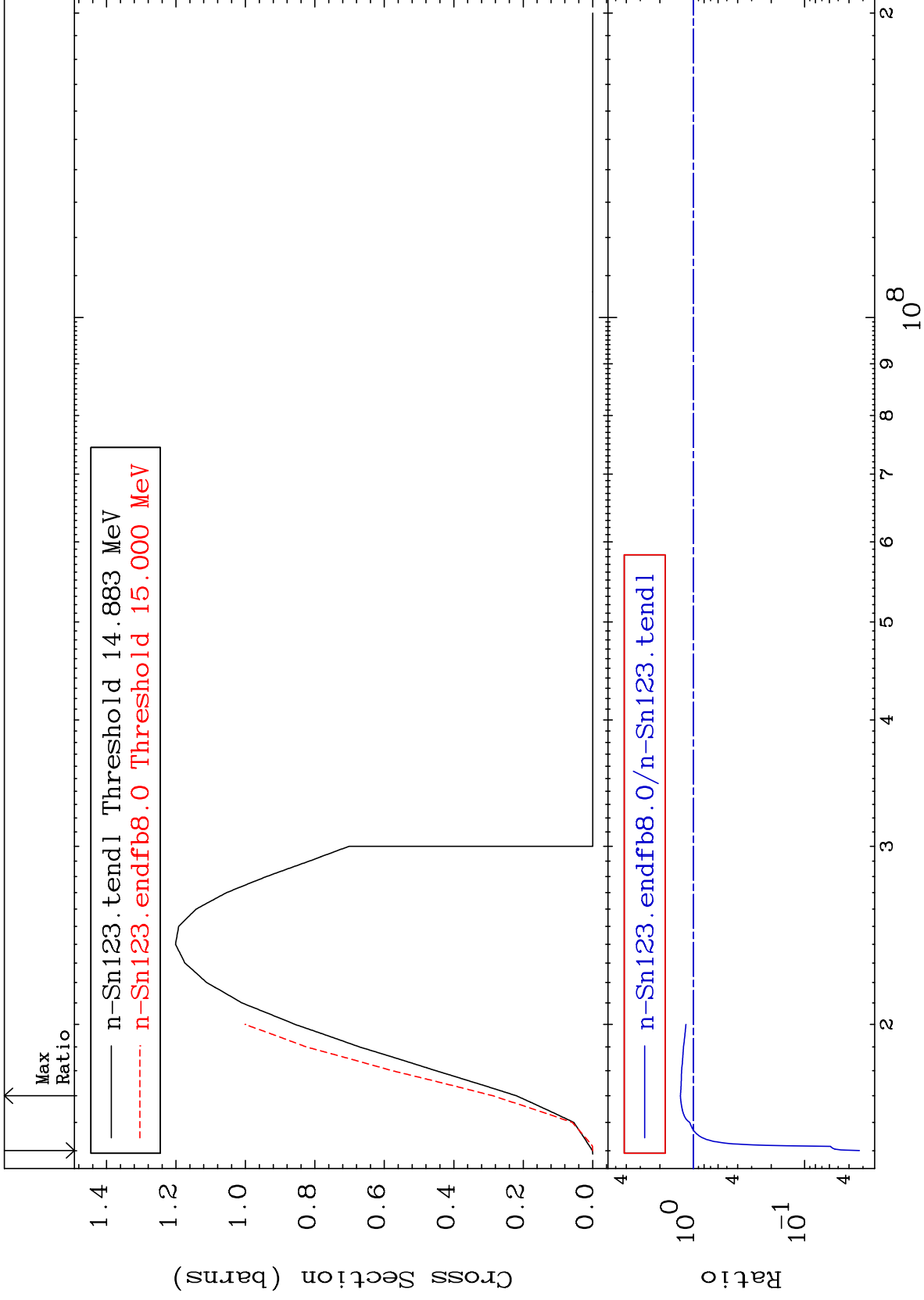
50-Sn-123  
-32.66 To 3126. %



MAT 5058

(n,3n)  
Cross Section

50-Sn-123  
-96.78 To 30.93 %



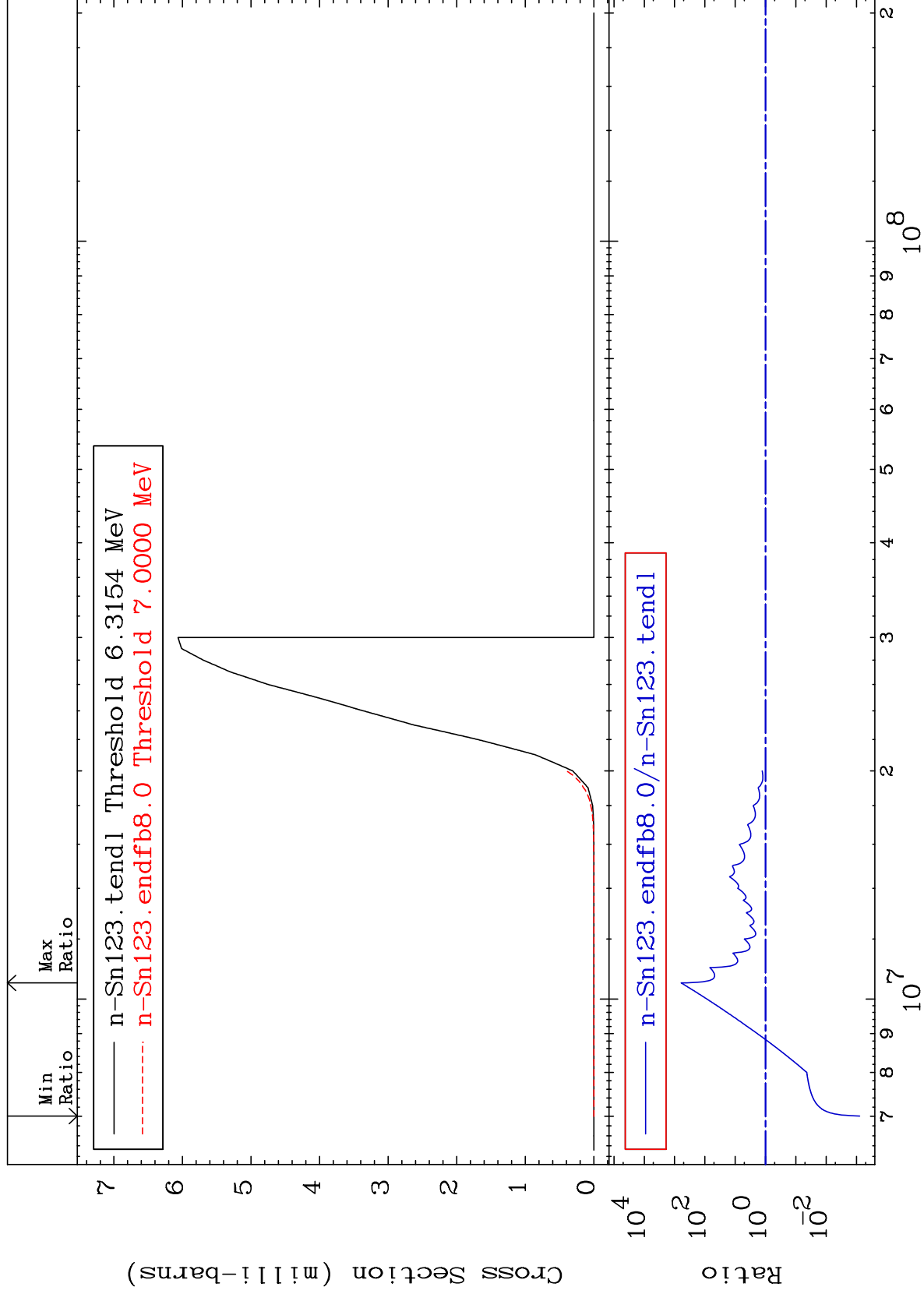
MAT 5058

(n,n')  $\alpha$

50-Sn-123

Cross Section

-99.92 To 9999. %



6

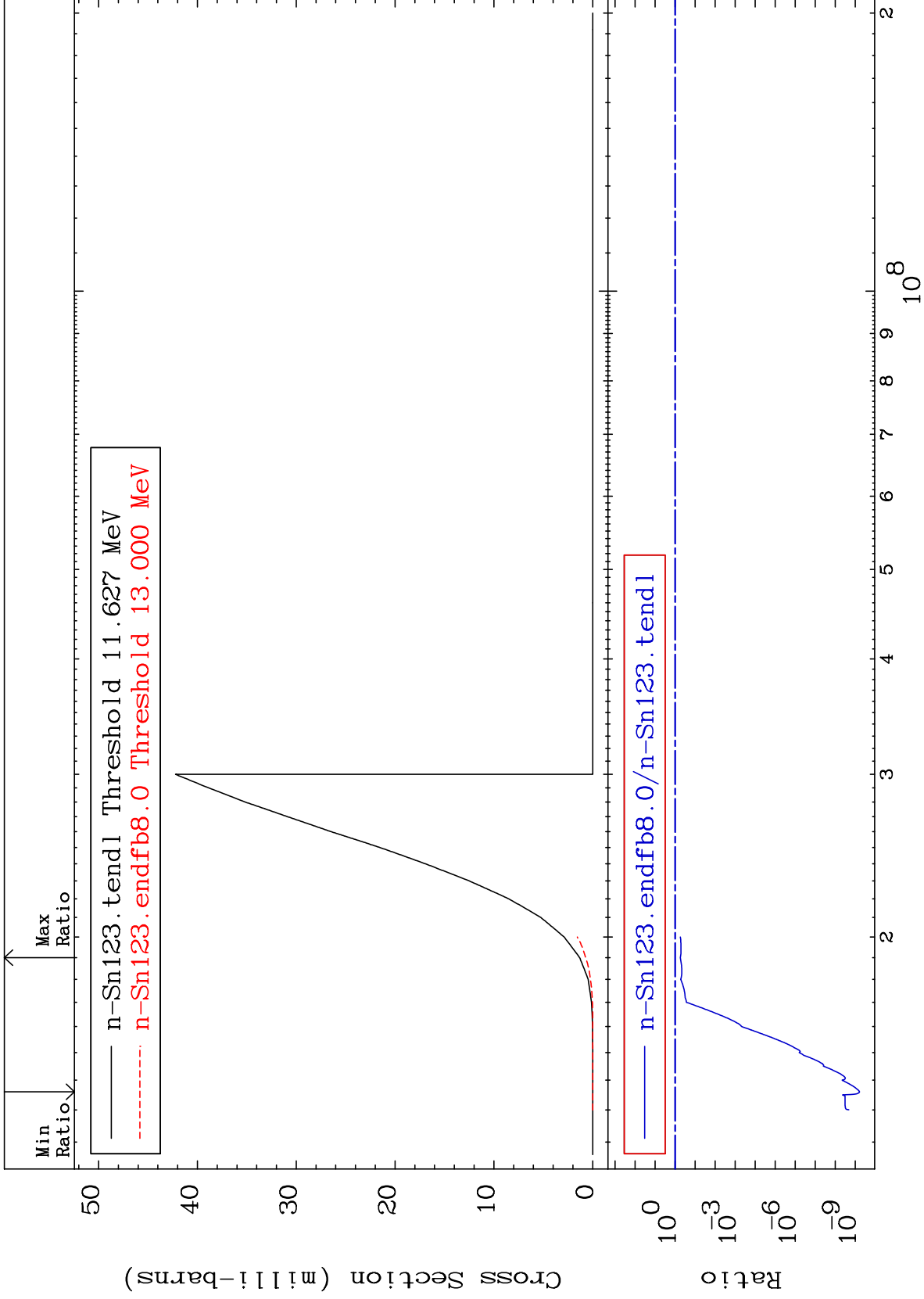
Incident Energy (eV)

50-Sn-123

MAT 5058

(n,n') p  
Cross Section

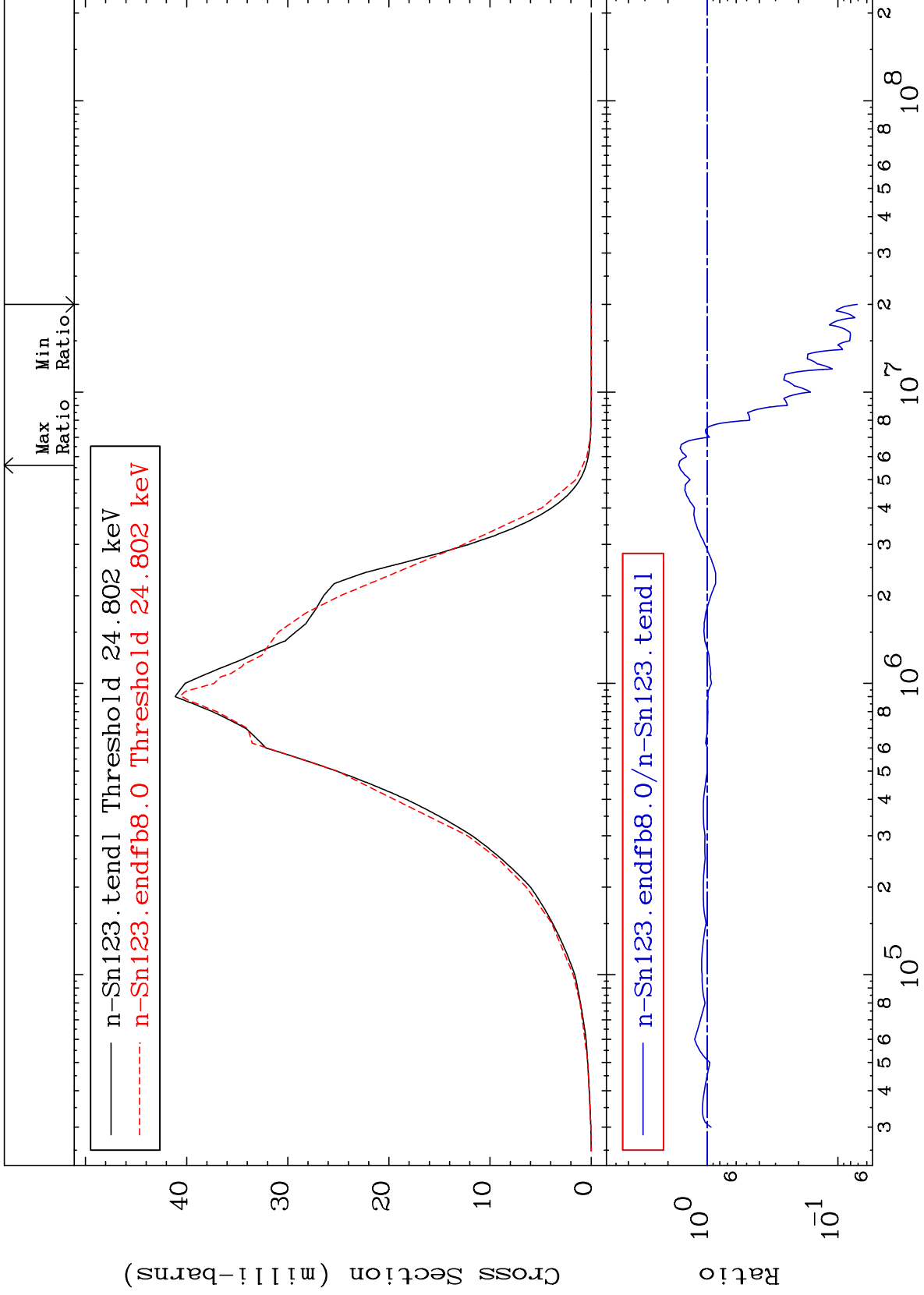
50-Sn-123  
-100.0 To -45.58%



MAT 5058

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

50-Sn-123  
-92.90 To 65.47 %

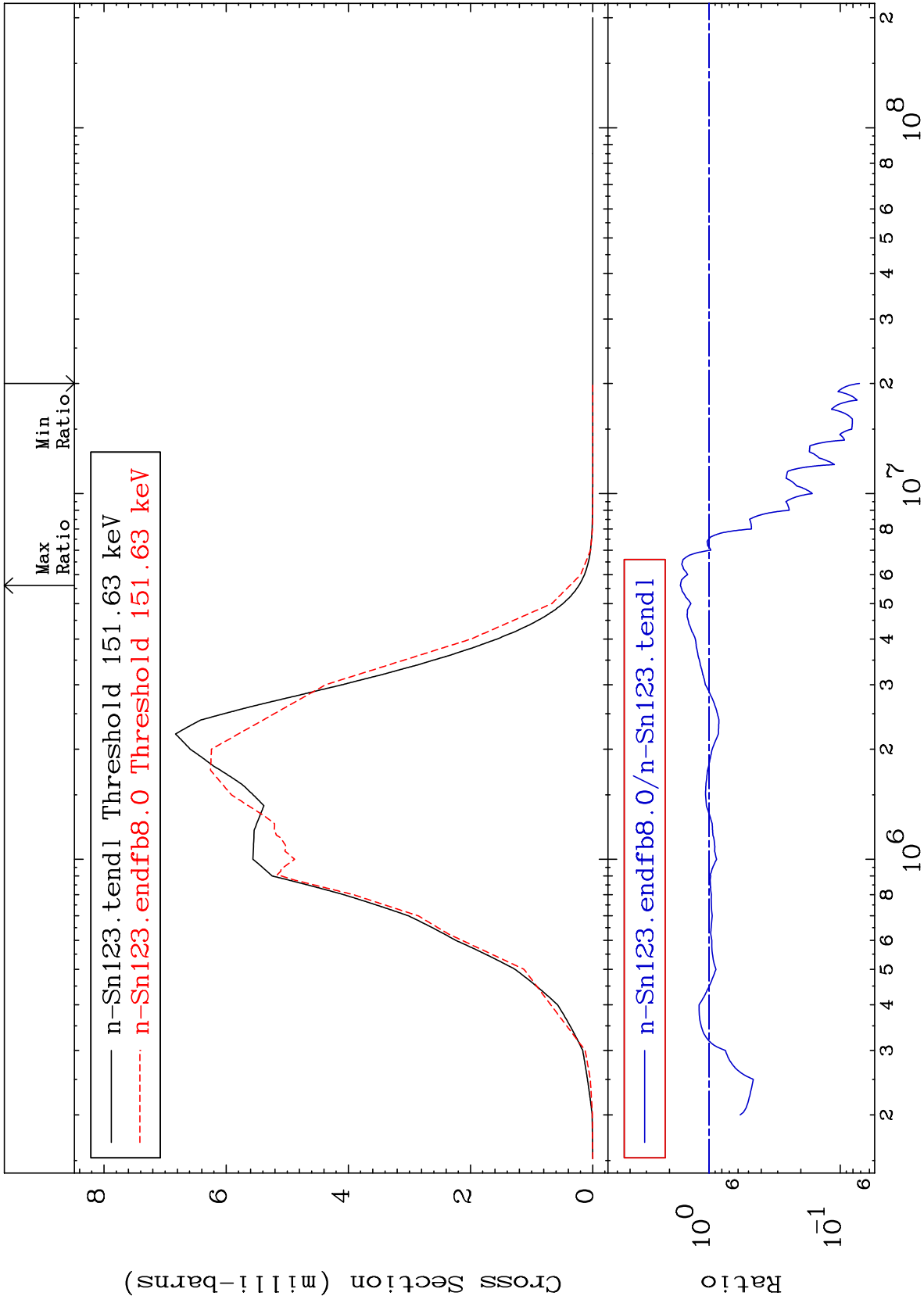




MAT 5058

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

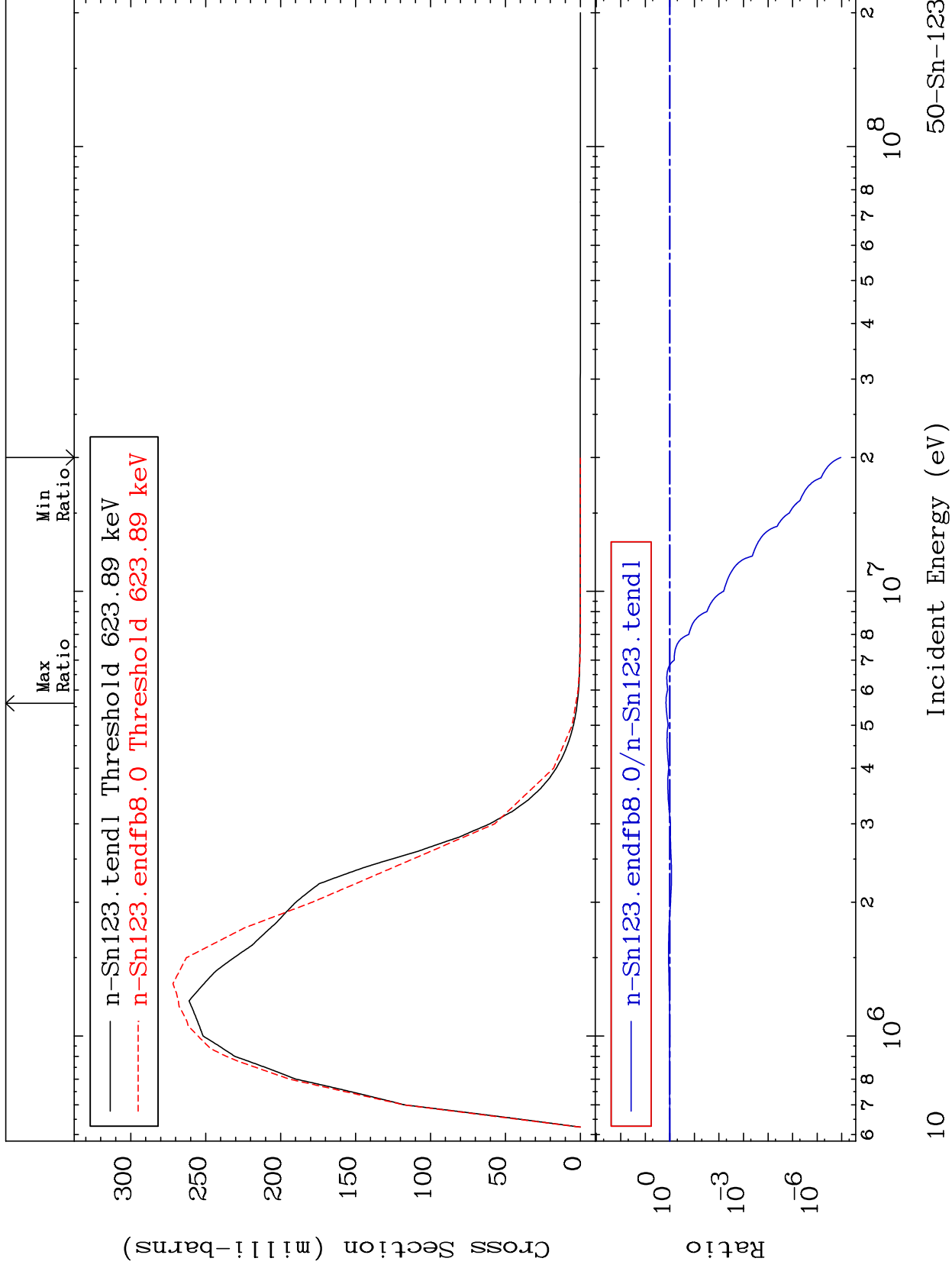
50-Sn-123  
-92.86 To 65.40 %



MAT 5058

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

50-Sn-123  
-100.0 To 44.10 %



10

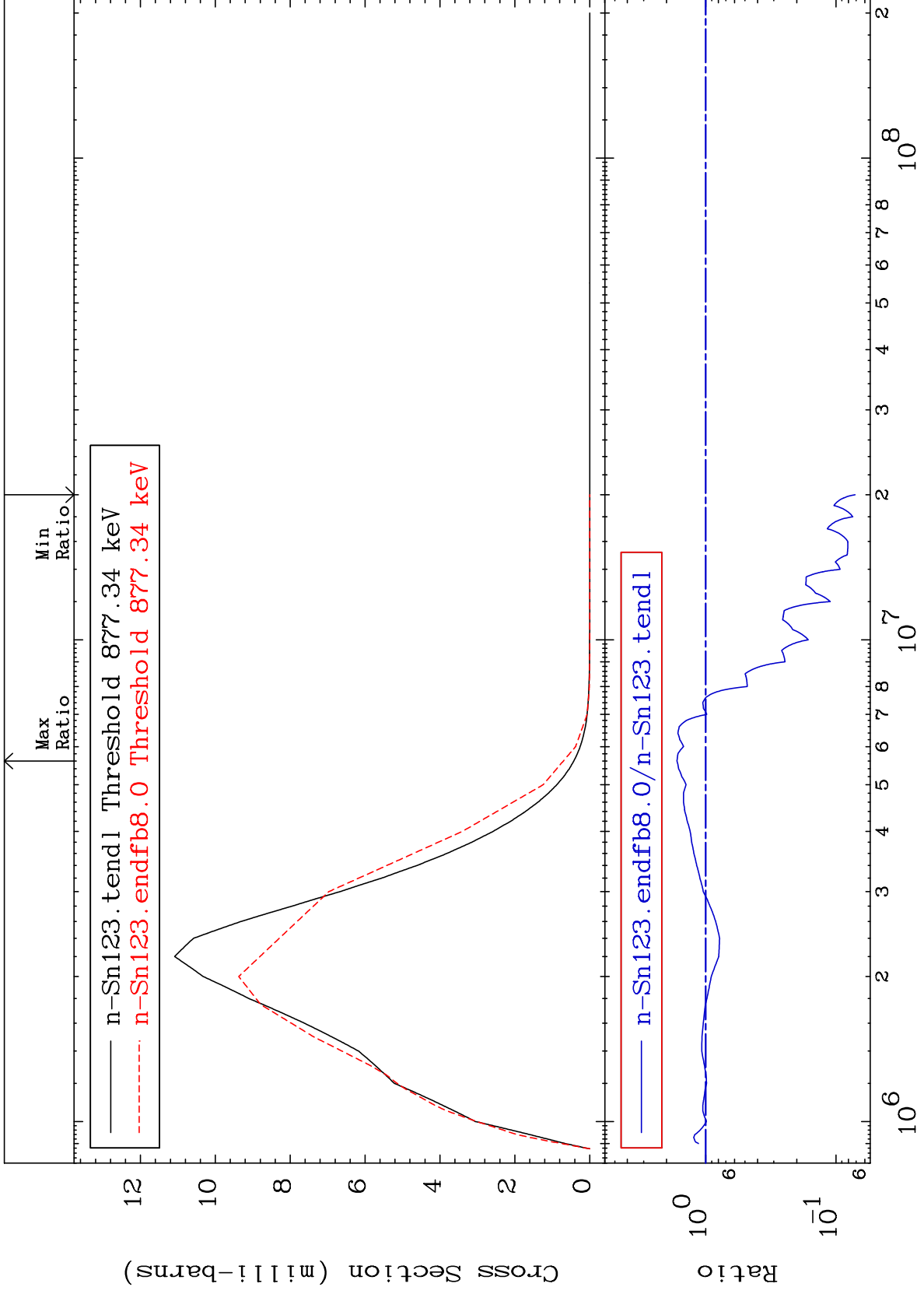
Incident Energy (eV)

50-Sn-123

MAT 5058

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

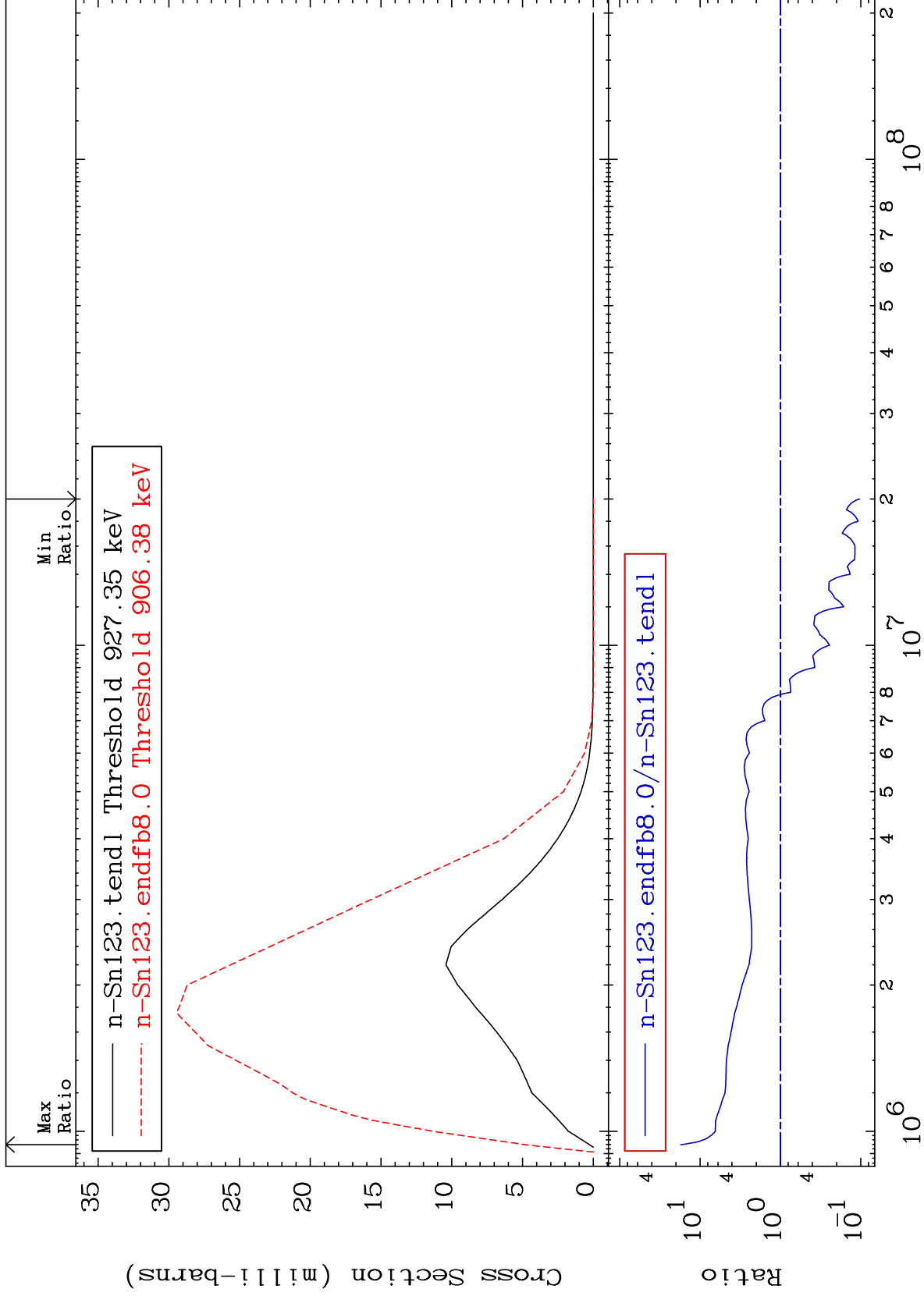
50-Sn-123  
-92.88 To 66.54 %



MAT 5058

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

50-Sn-123  
-89.65 To 1638. %



12

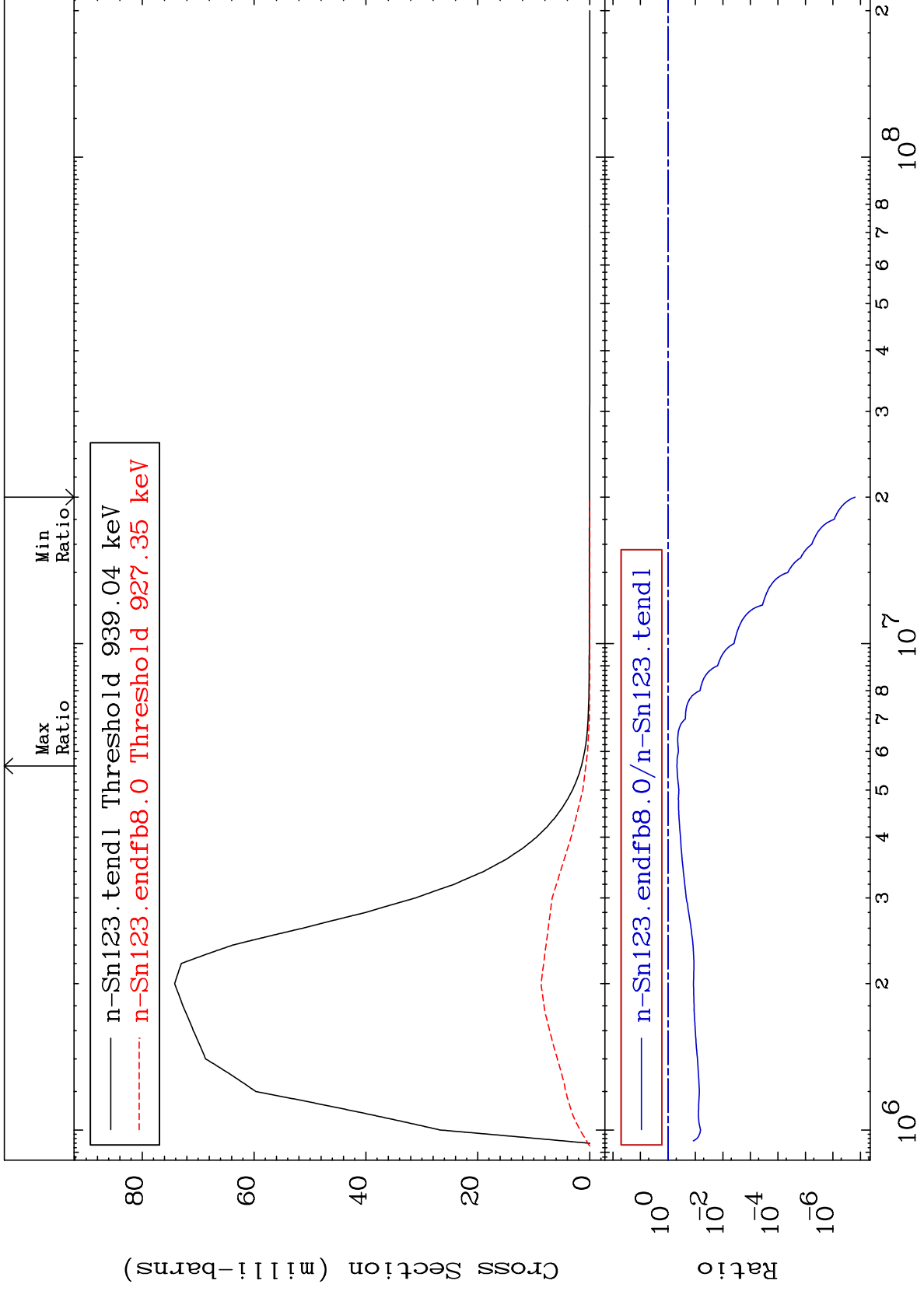
Incident Energy (eV)

50-Sn-123

MAT 5058

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

50-Sn-123  
-100.0 To -53.03%



13

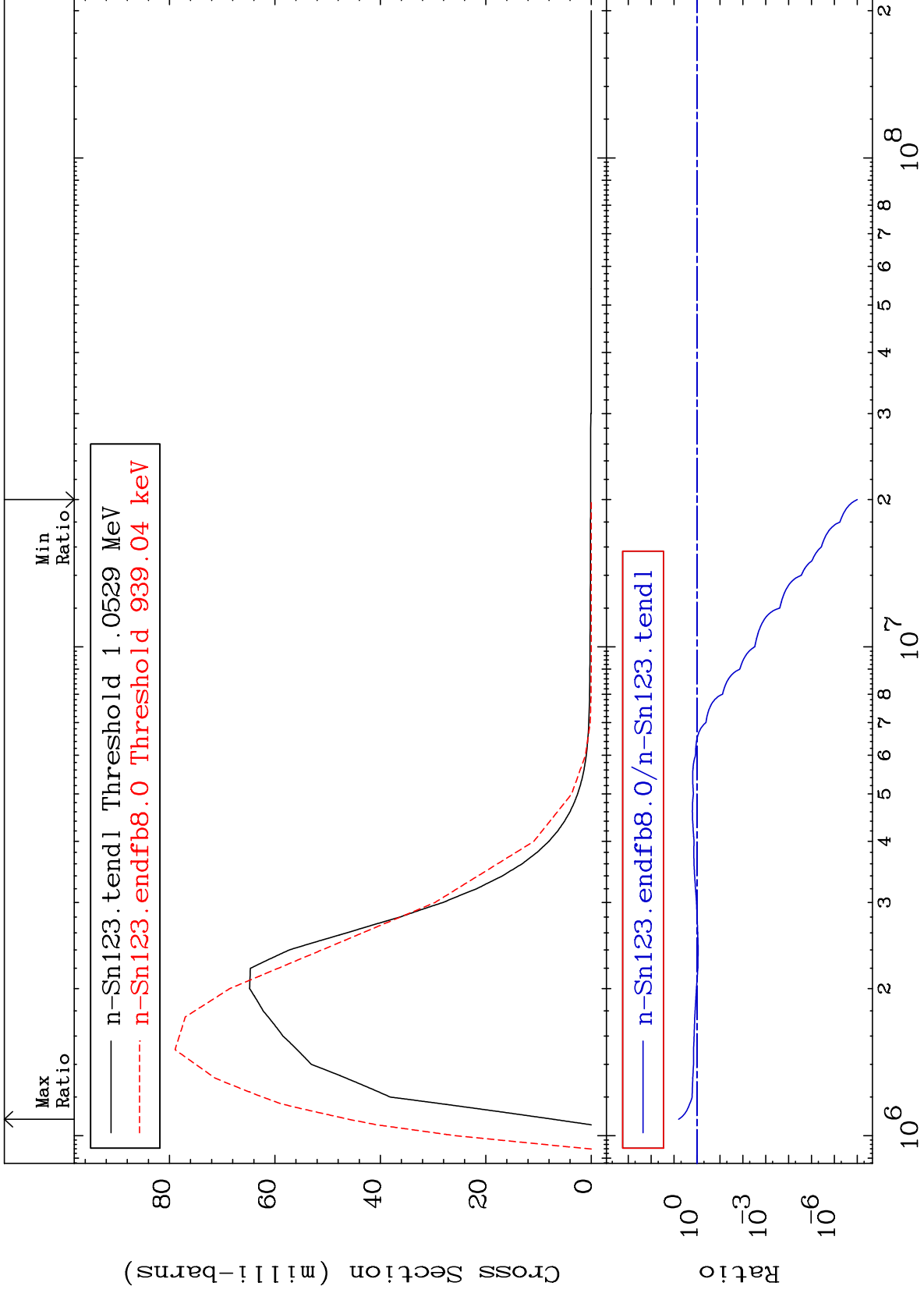
Incident Energy (eV)

50-Sn-123

MAT 5058

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

50-Sn-123  
-100.0 To 534.1 %



14

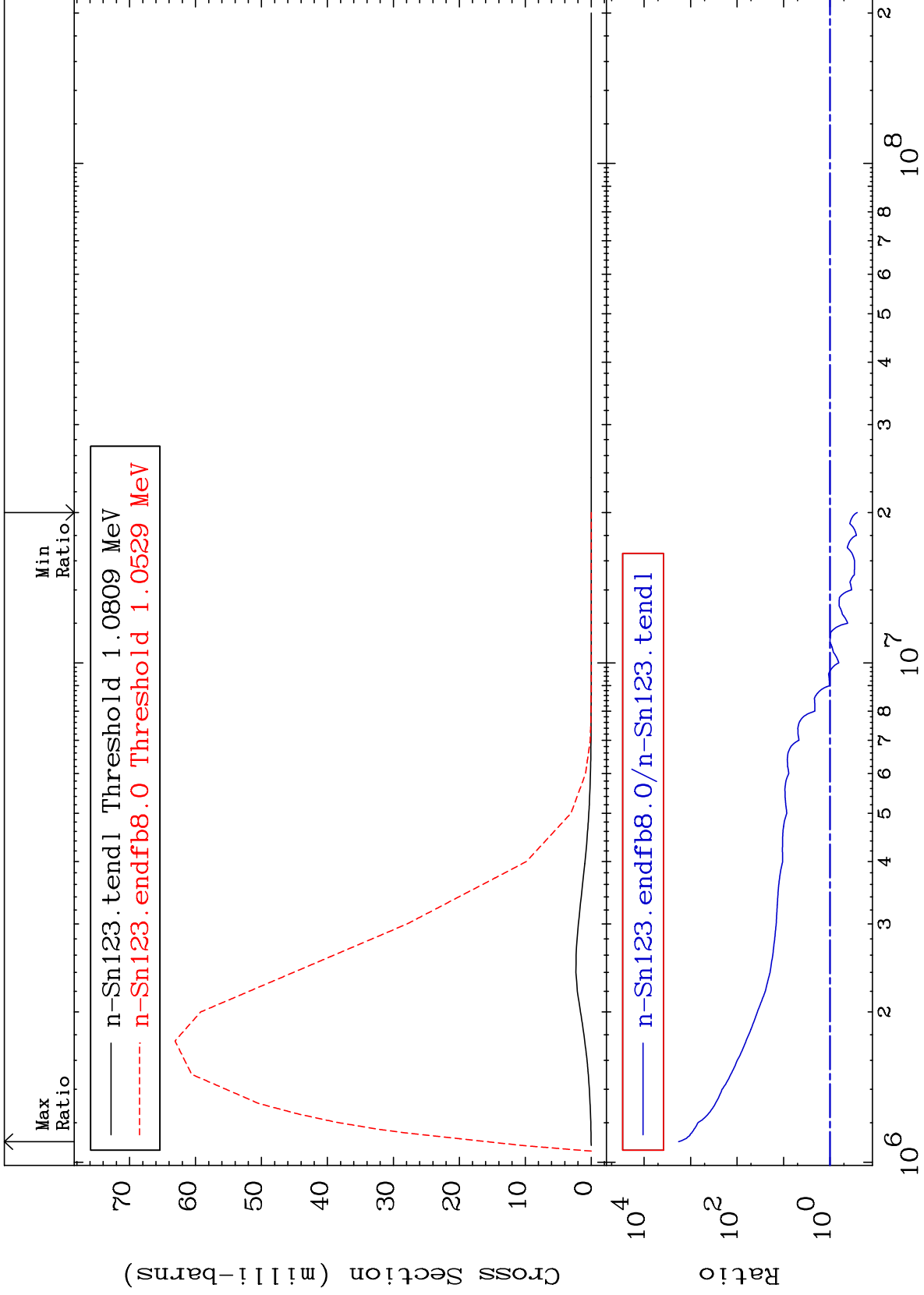
Incident Energy (eV)

50-Sn-123

MAT 5058

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

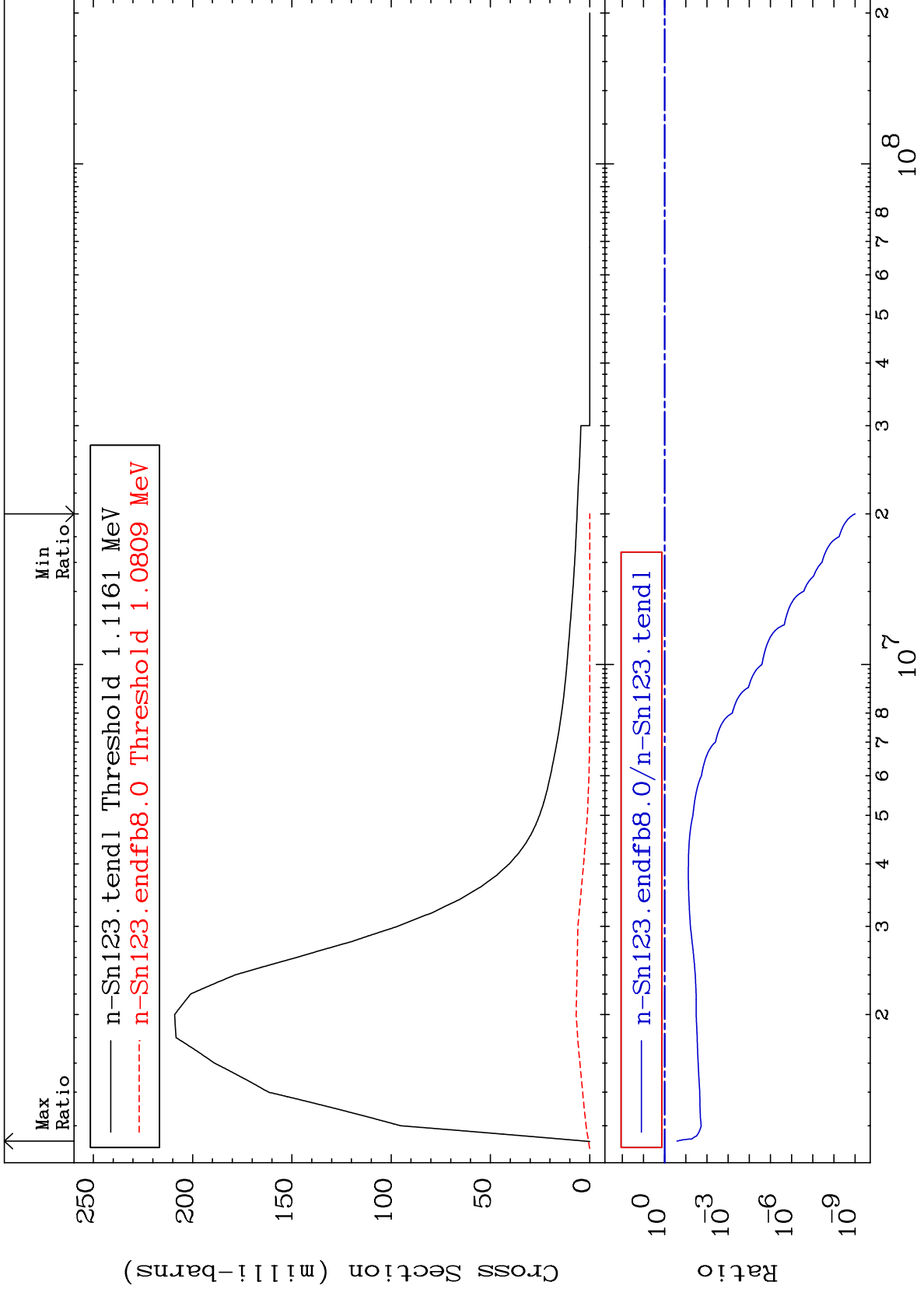
50-Sn-123  
-74.02 To 9999. %



MAT 5058

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

50-Sn-123  
-100.0 To -73.56%

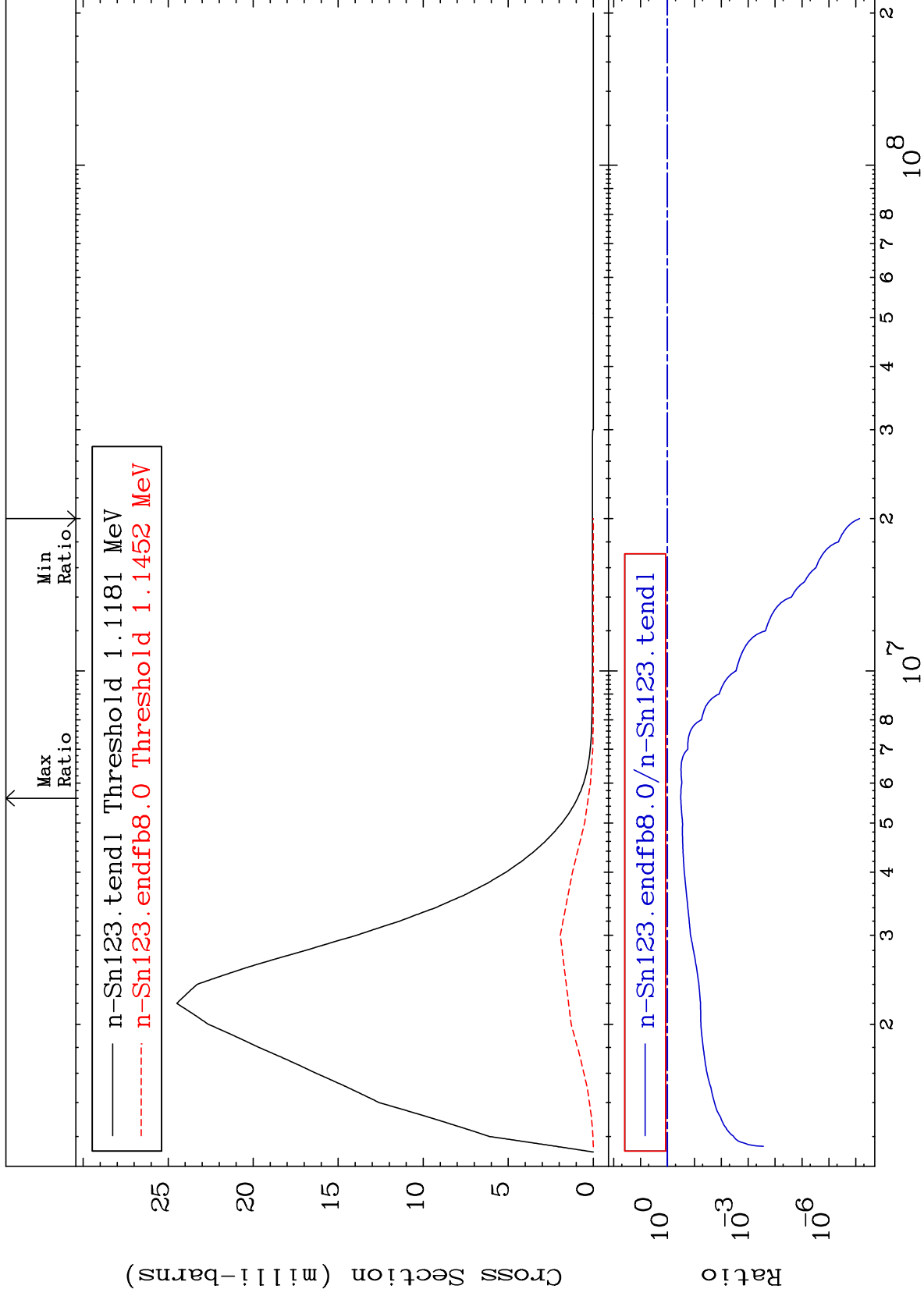




MAT 5058

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

50-Sn-123  
-100.0 To -67.96%



17

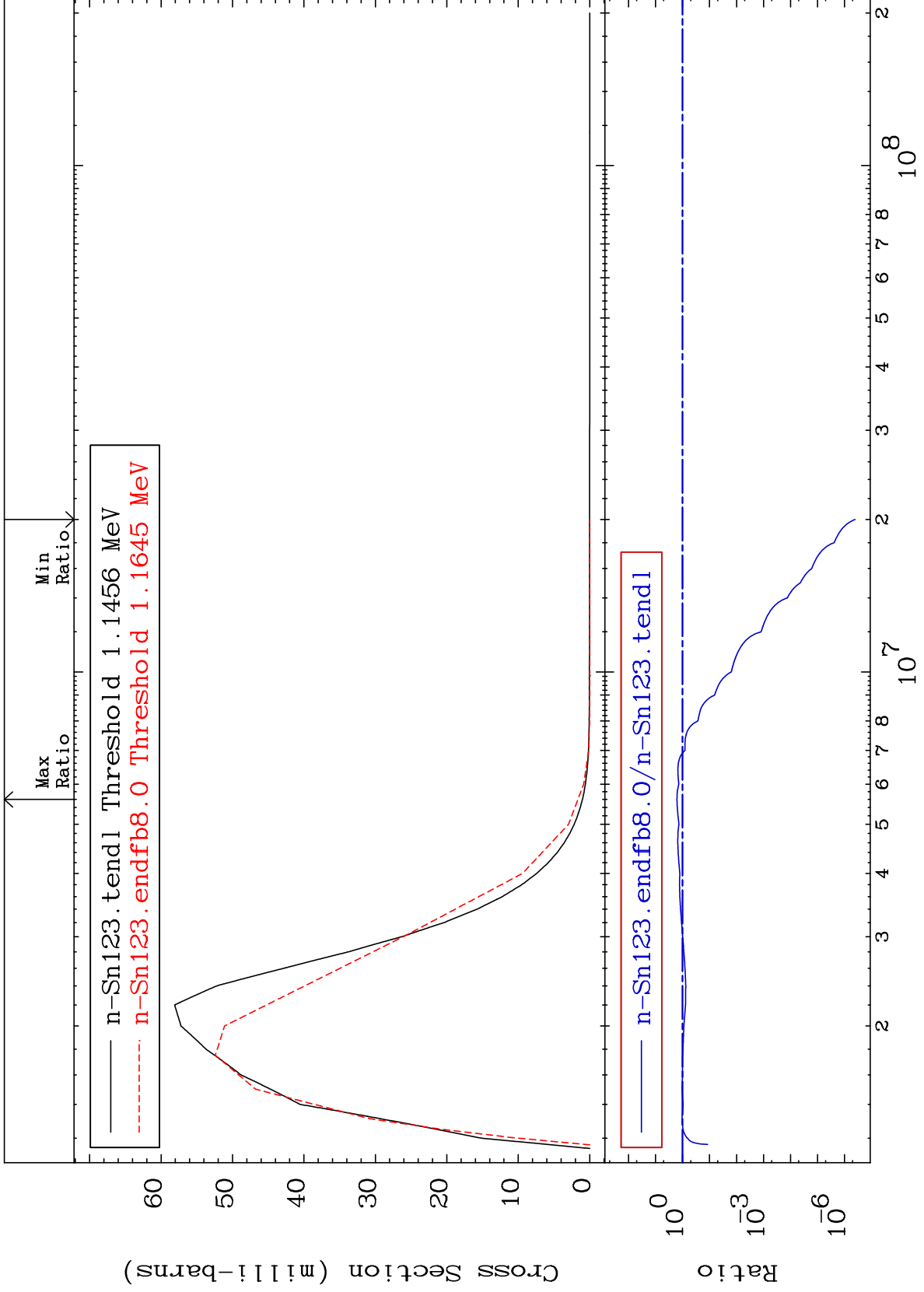
Incident Energy (eV)

50-Sn-123

MAT 5058

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

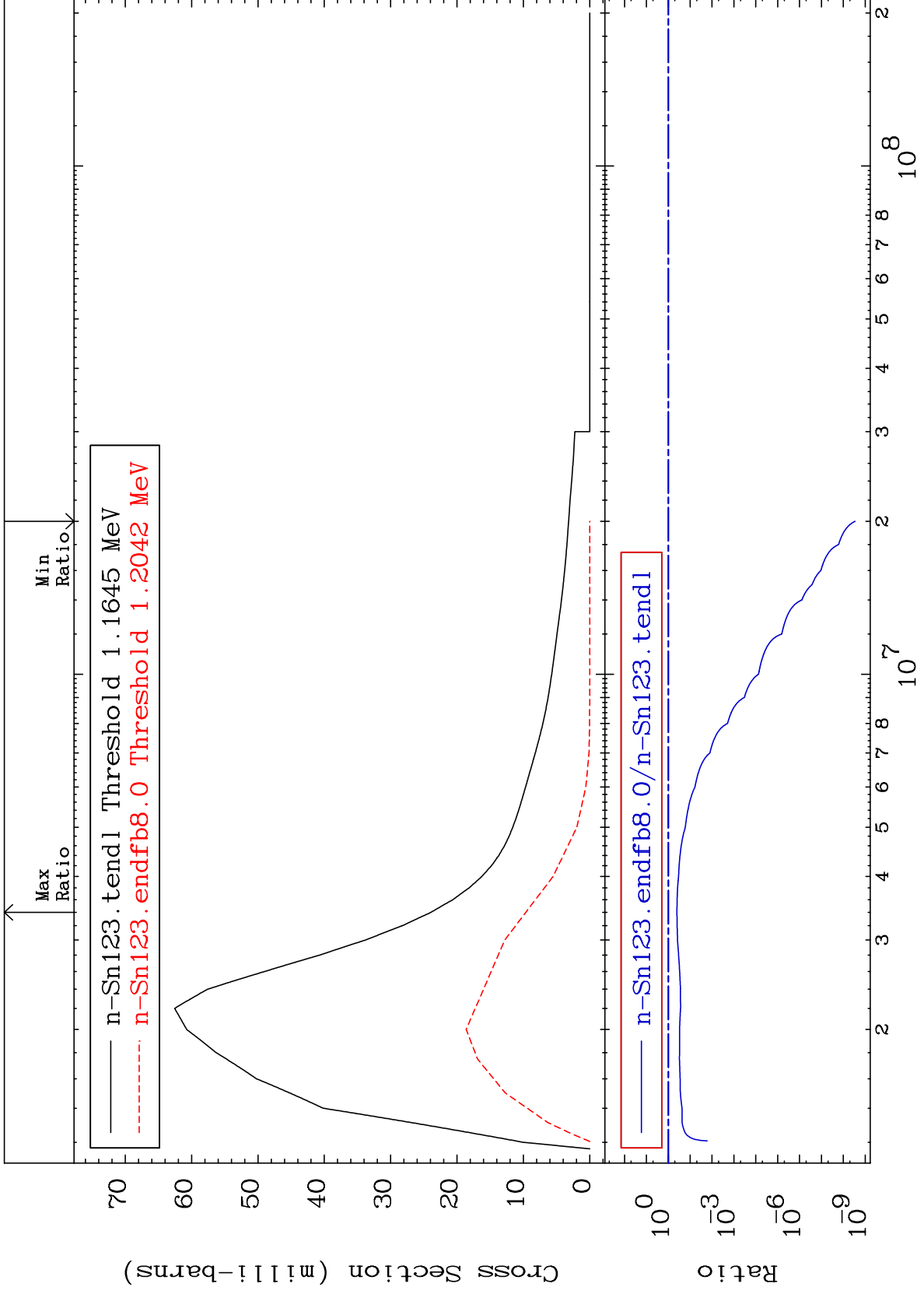
50-Sn-123  
-100.0 To 61.81 %



MAT 5058

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

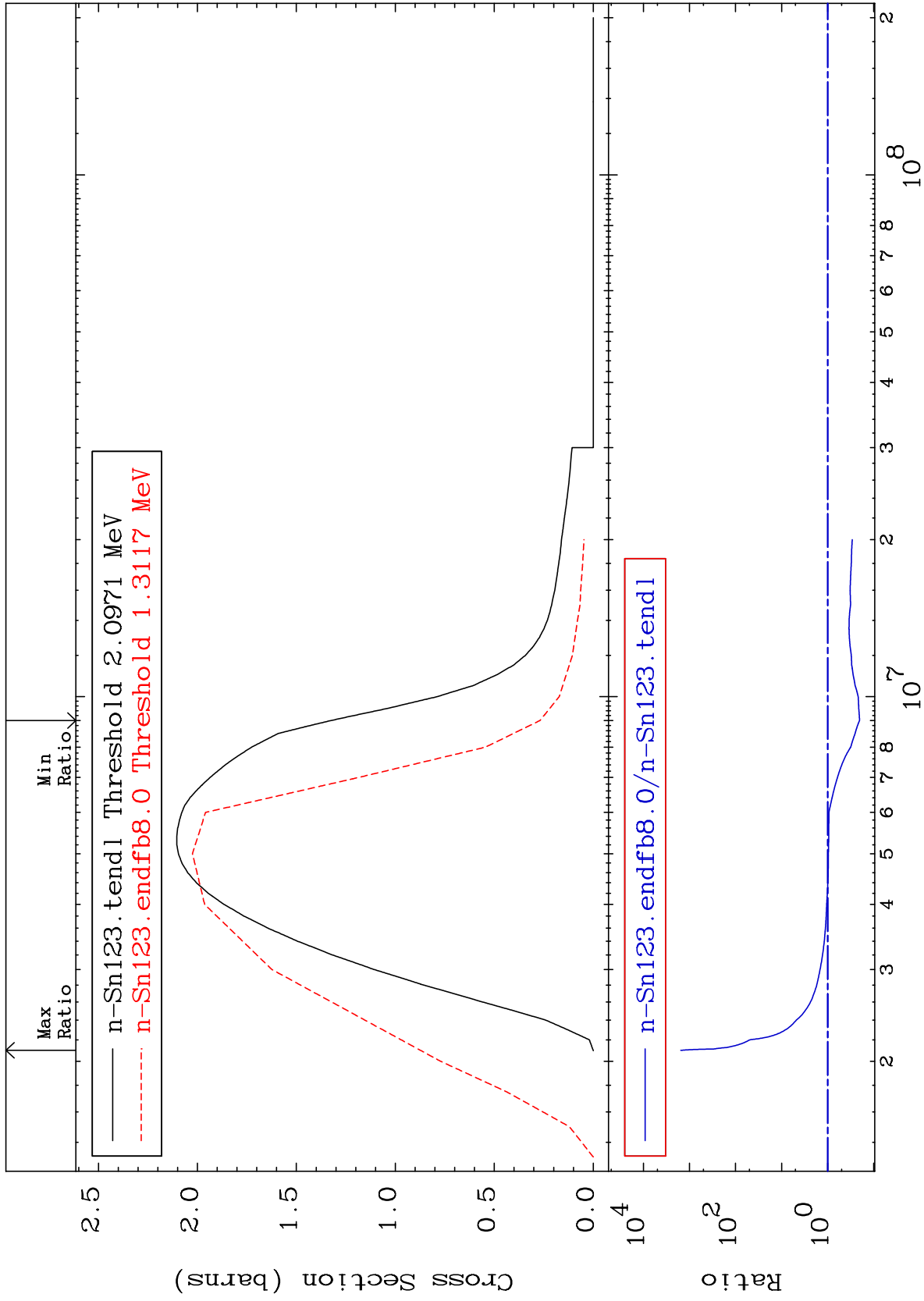
50-Sn-123  
-100.0 To -59.74%



MAT 5058

(n, n') Continuum  
Cross Section

50-Sn-123  
-79.67 To 9999. %



20

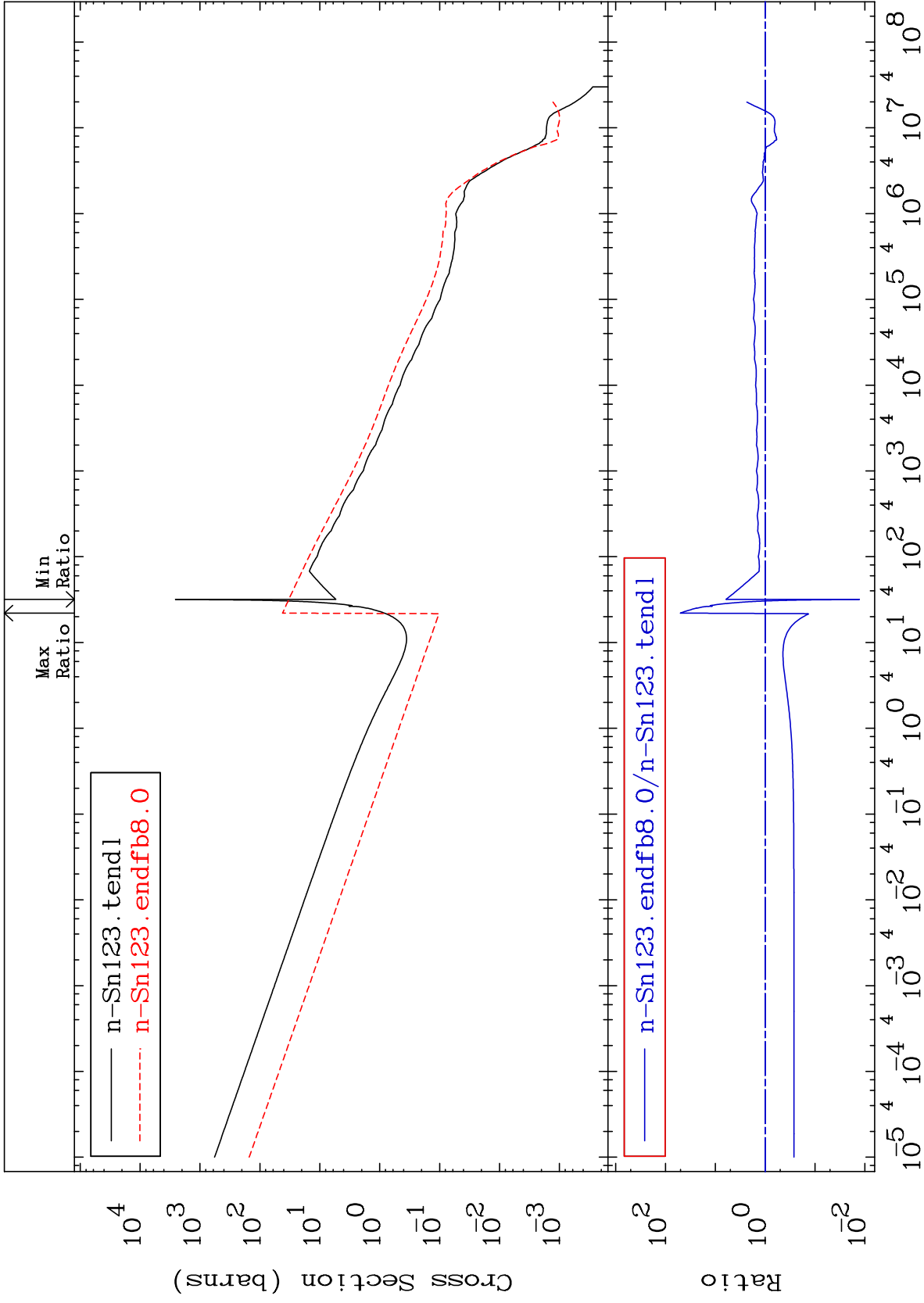
Incident Energy (eV)

50-Sn-123

MAT 5058

(n,  $\gamma$ )  
Cross Section

50-Sn-123  
-98.72 To 4926. %

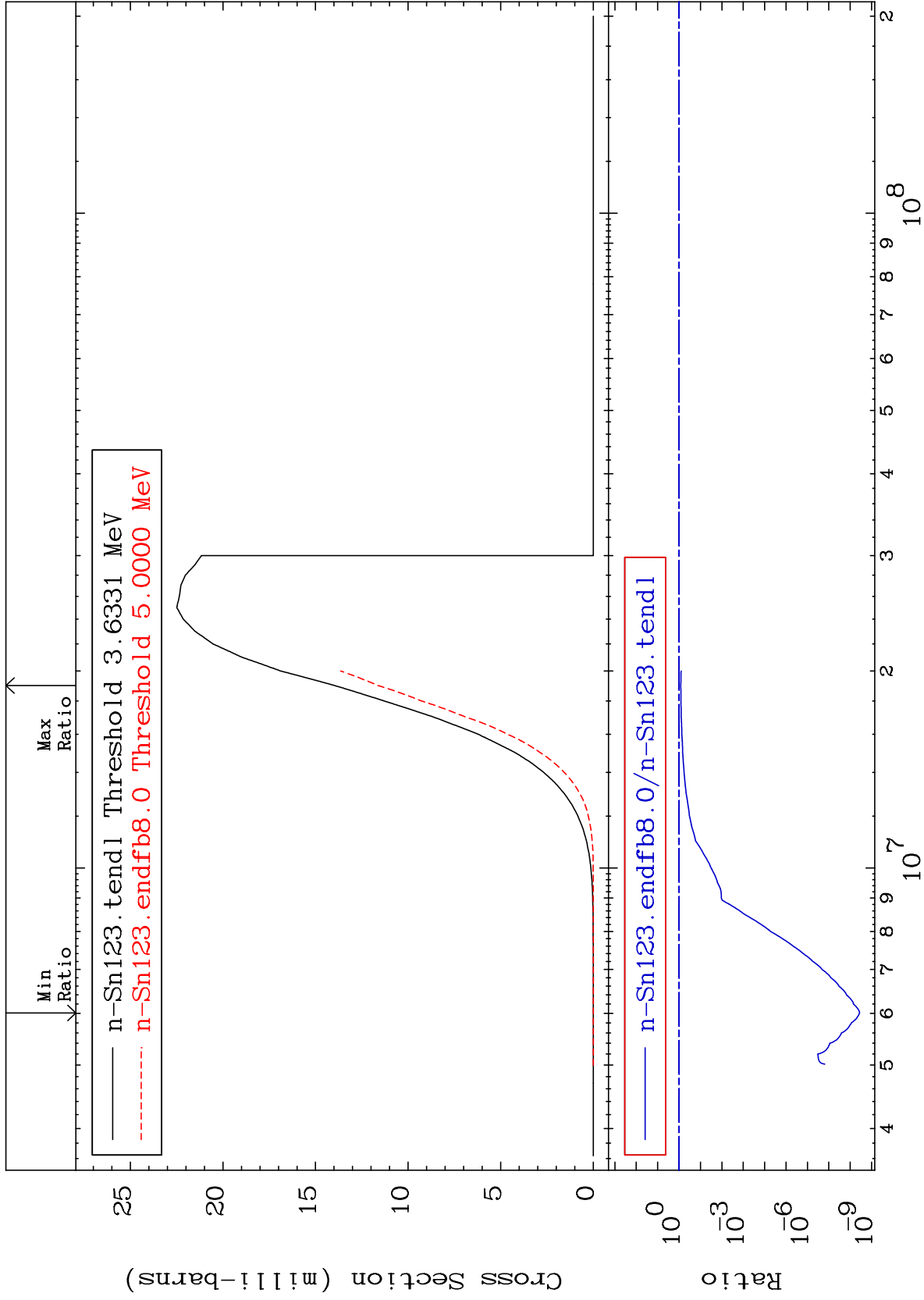


MAT 5058

50-Sn-123

(n,p)  
Cross Section

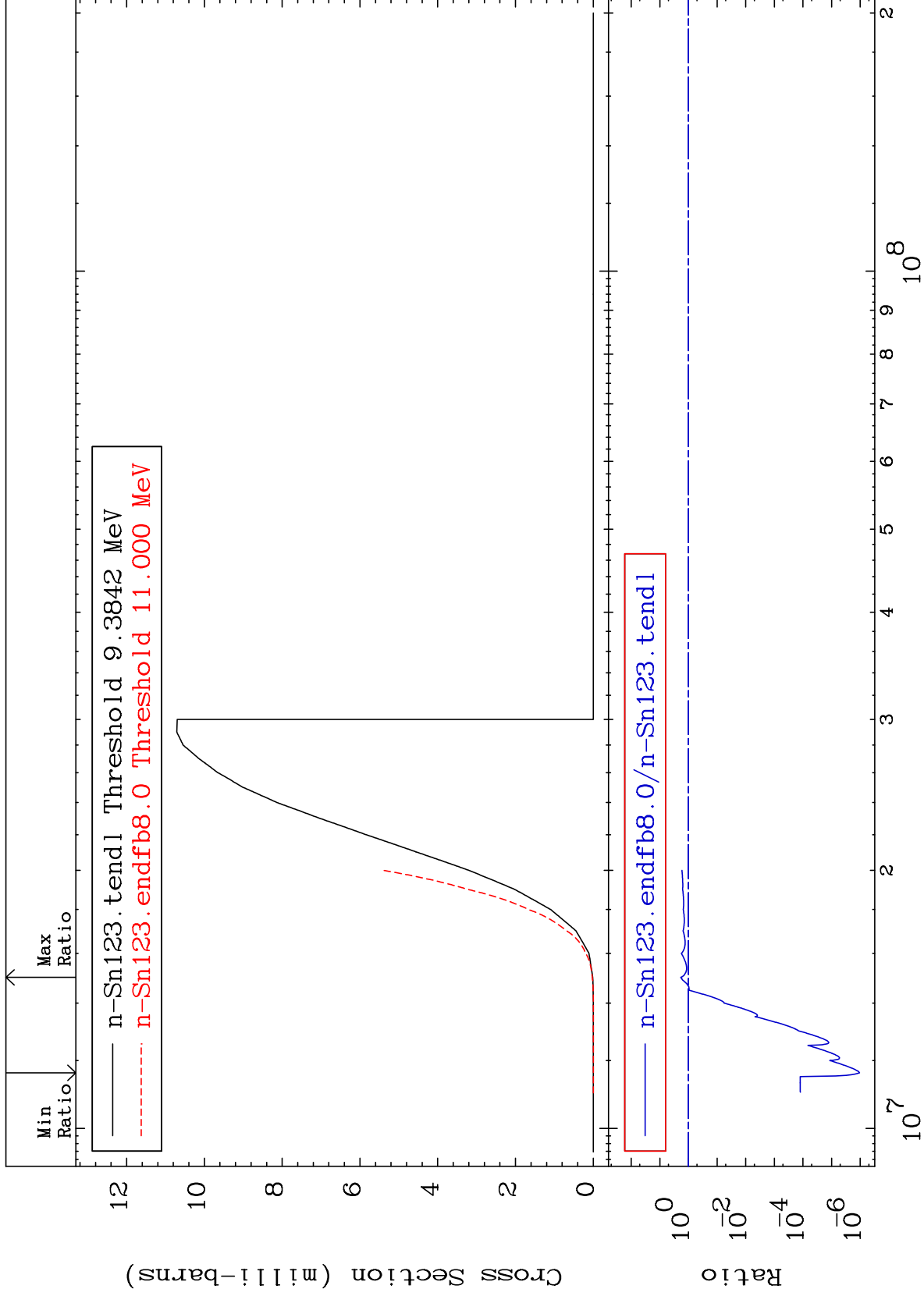
-100.0 To -16.77%



MAT 5058

(n, d)  
Cross Section

50-Sn-123  
-100.0 To 85.38 %



23

50-Sn-123

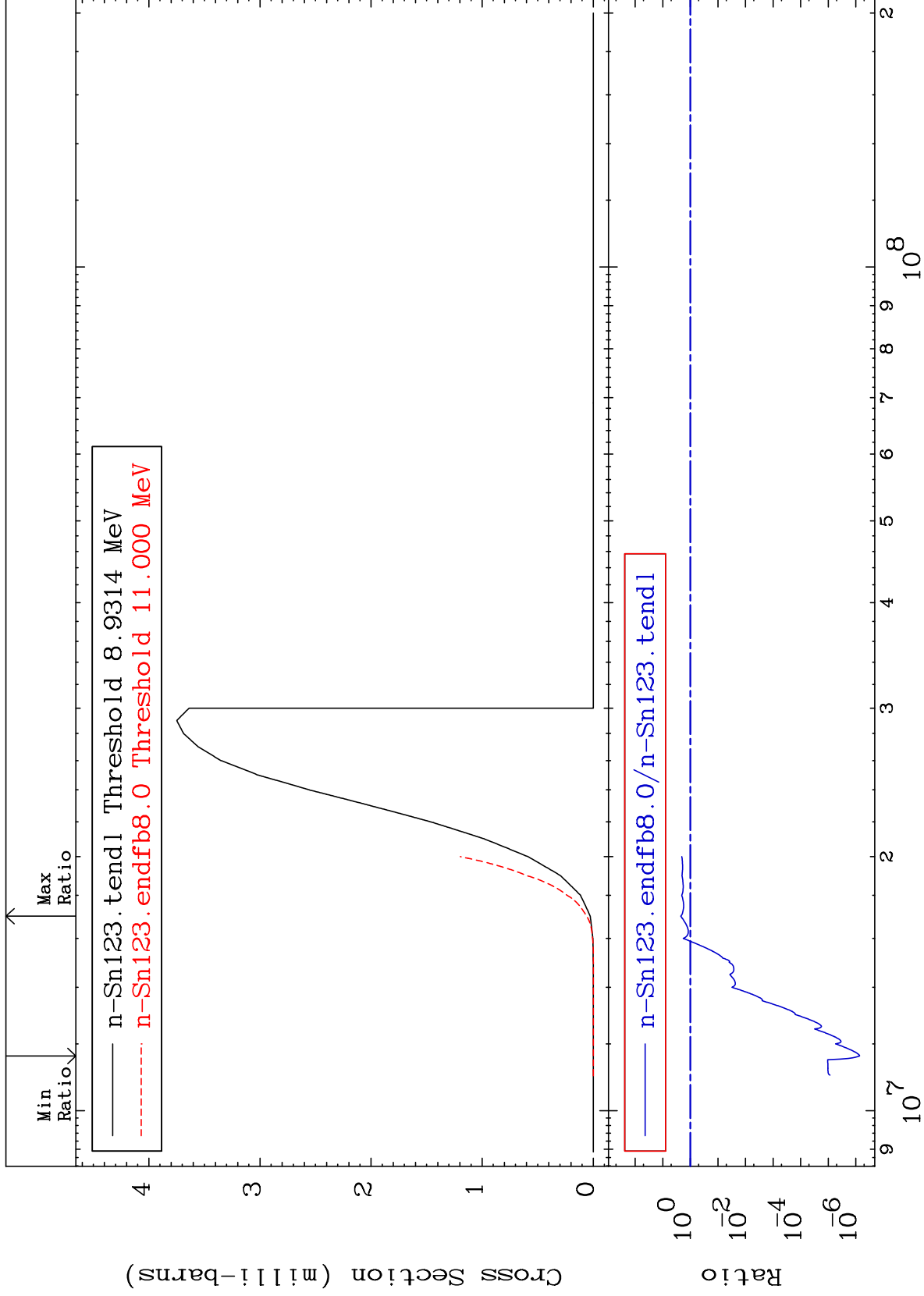
MAT 5058

(n, t)

50-Sn-123

Cross Section

-100.0 To 122.8 %



24

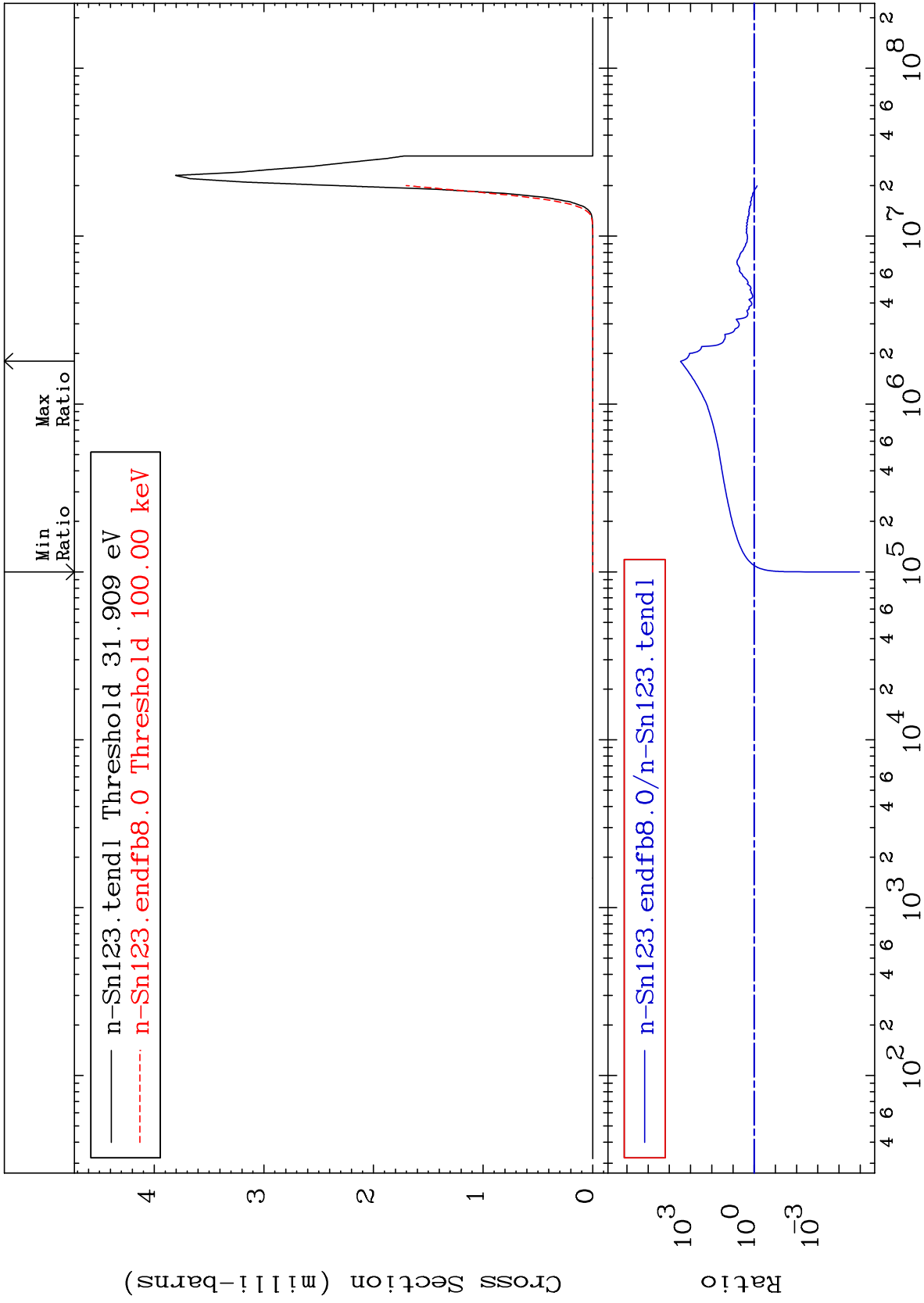
Incident Energy (eV)

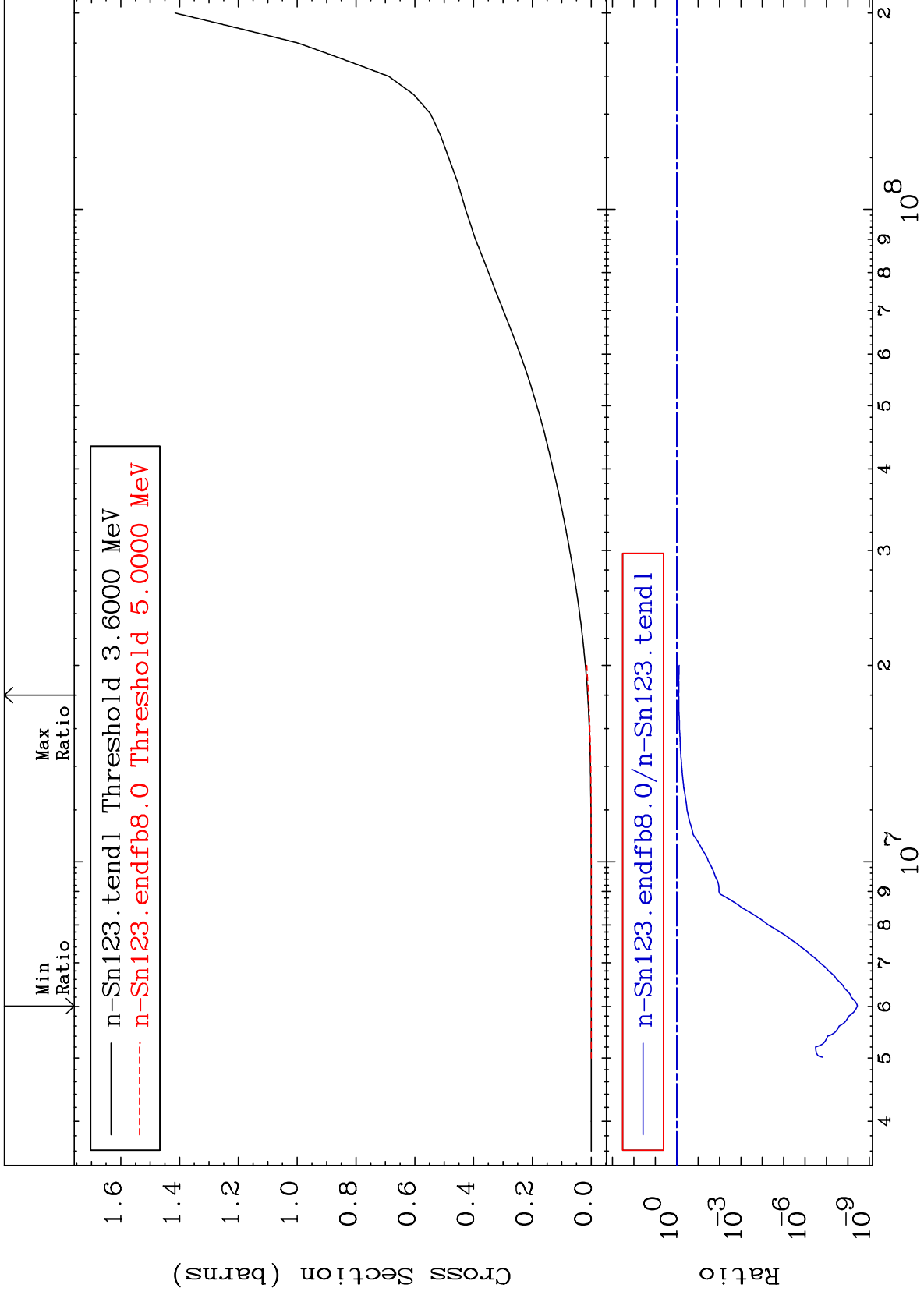
50-Sn-123



MAT 5058

(n,  $\alpha$ )  
Cross Section  
50-Sn-123  
-100.0 To 9999. %

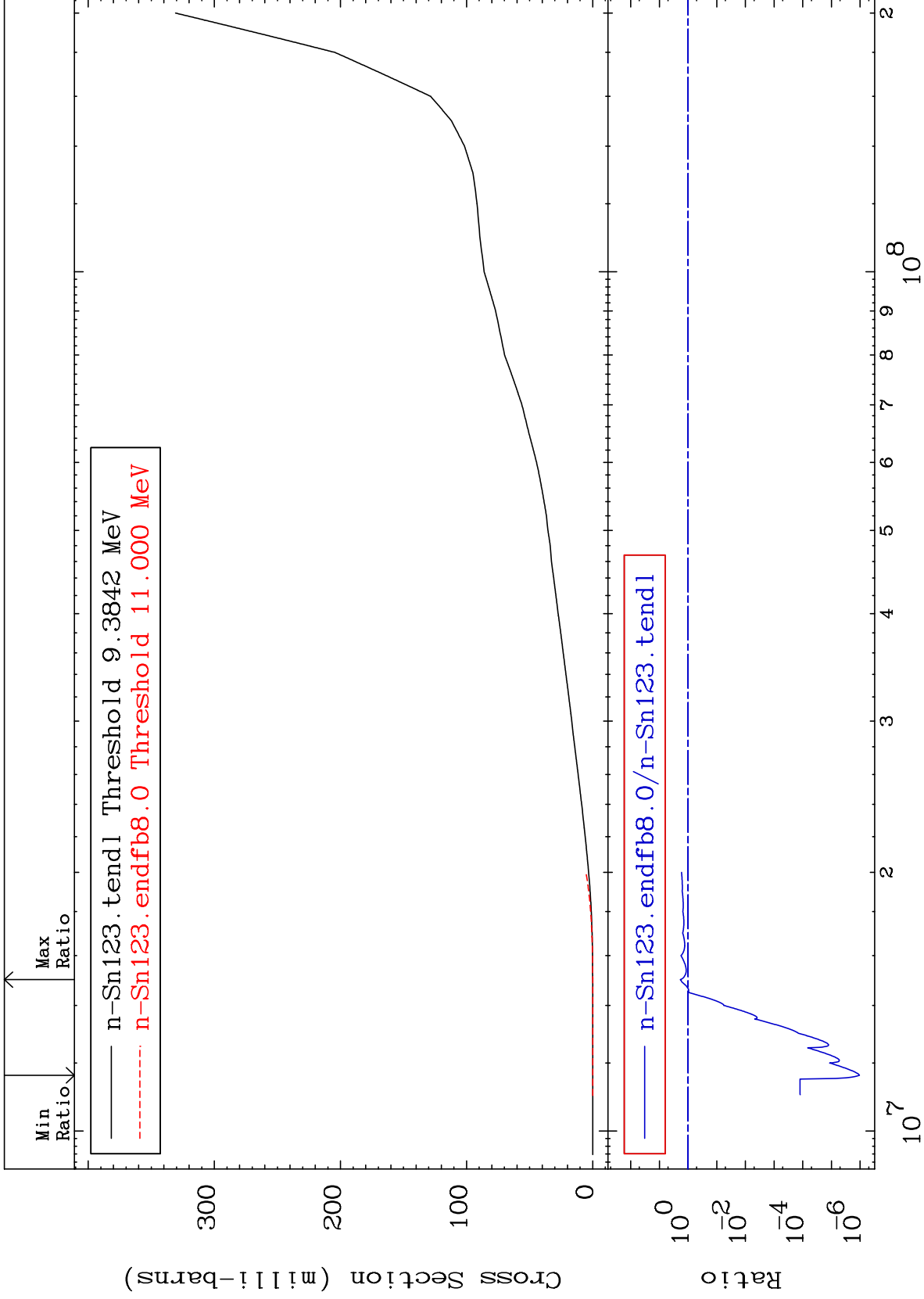




MAT 5058

Deuterium Production  
Cross Section

50-Sn-123  
-100.0 To 85.38 %



27

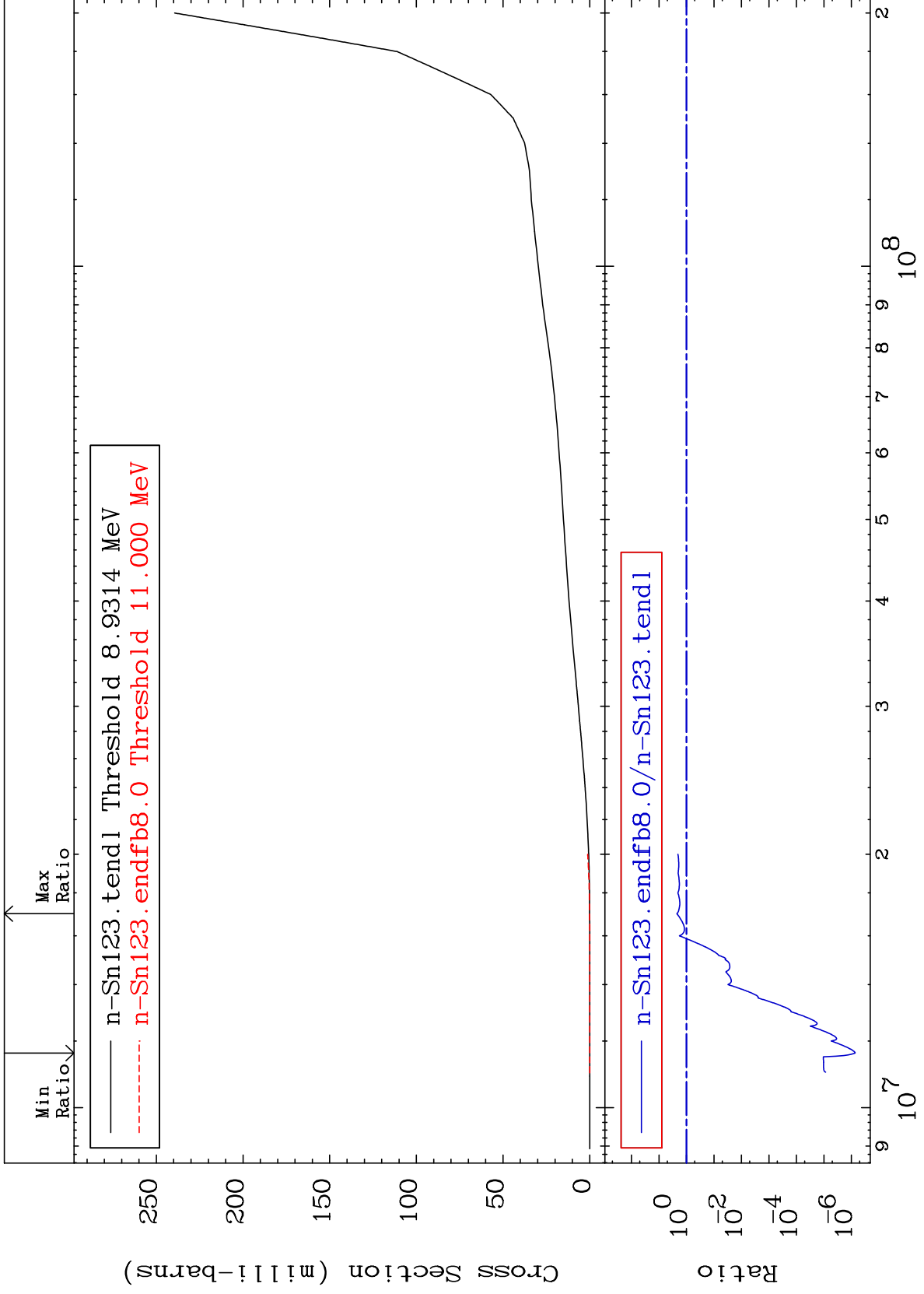
Incident Energy (eV)

50-Sn-123

MAT 5058

Tritium Production  
Cross Section

50-Sn-123  
-100.0 To 122.8 %



28

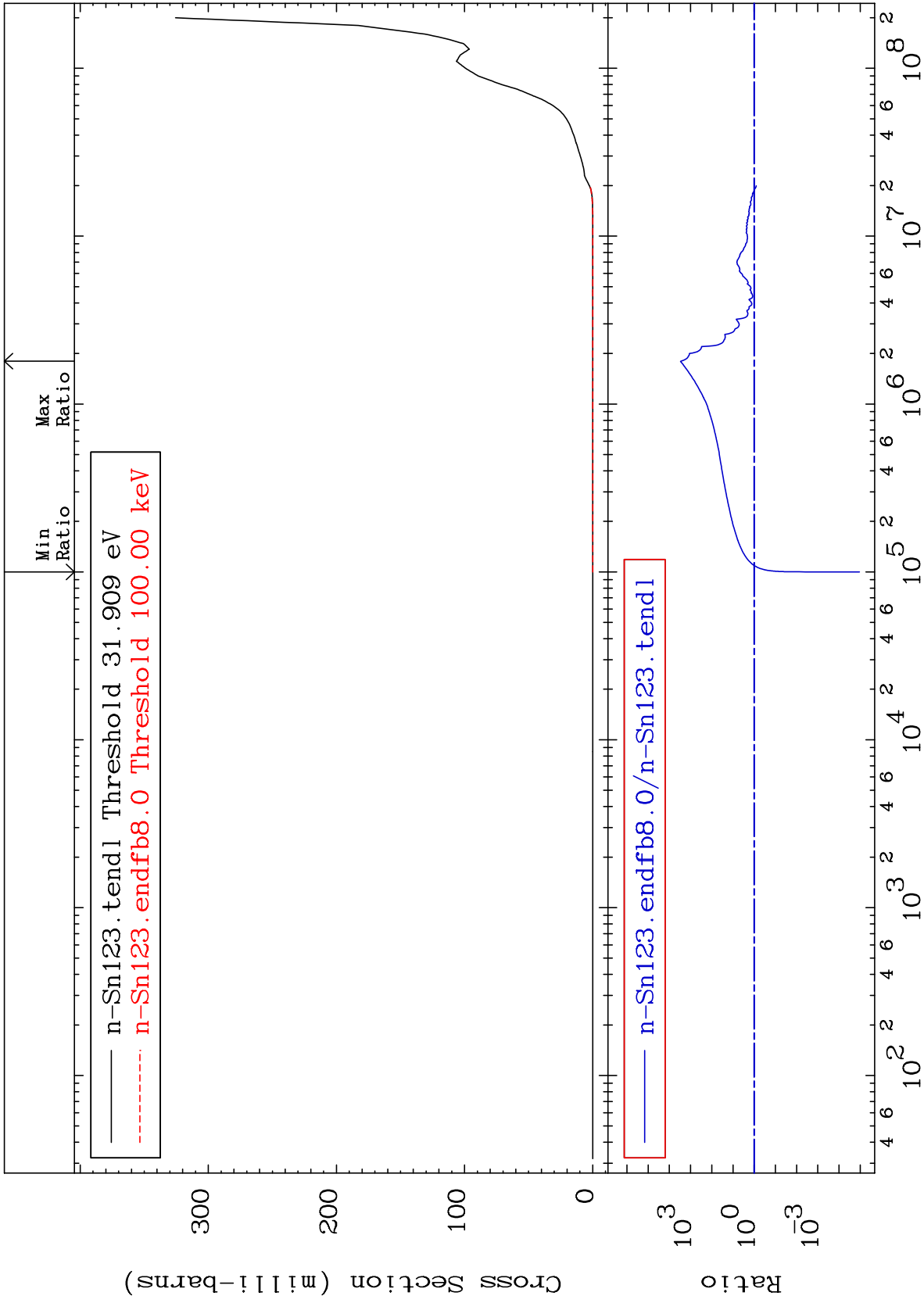
Incident Energy (eV)

50-Sn-123

MAT 5058

He-4 Production  
Cross Section

50-Sn-123  
-100.0 To 9999. %



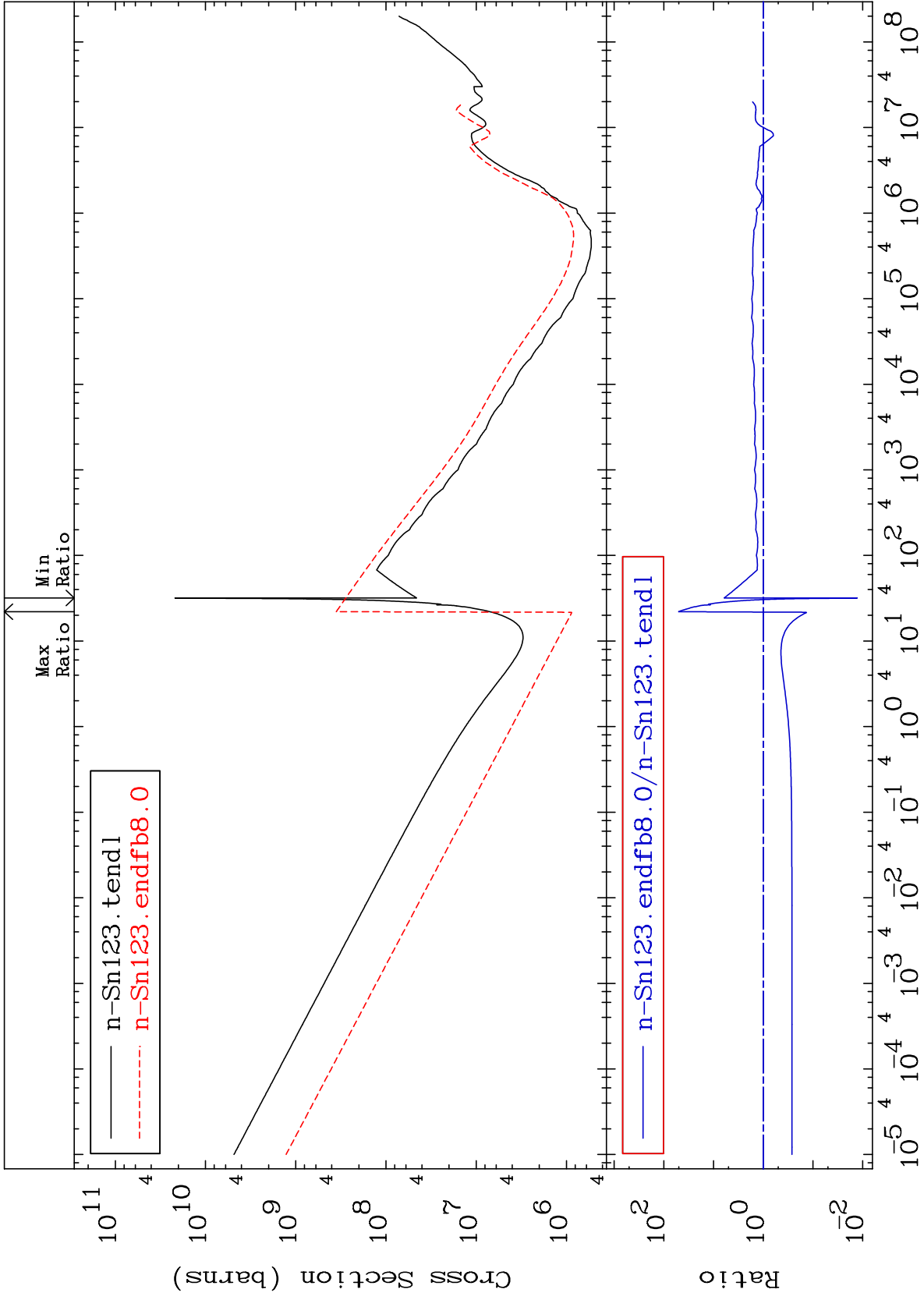
MAT 5058

Kerma total (eV-barns)

50-Sn-123

Cross Section

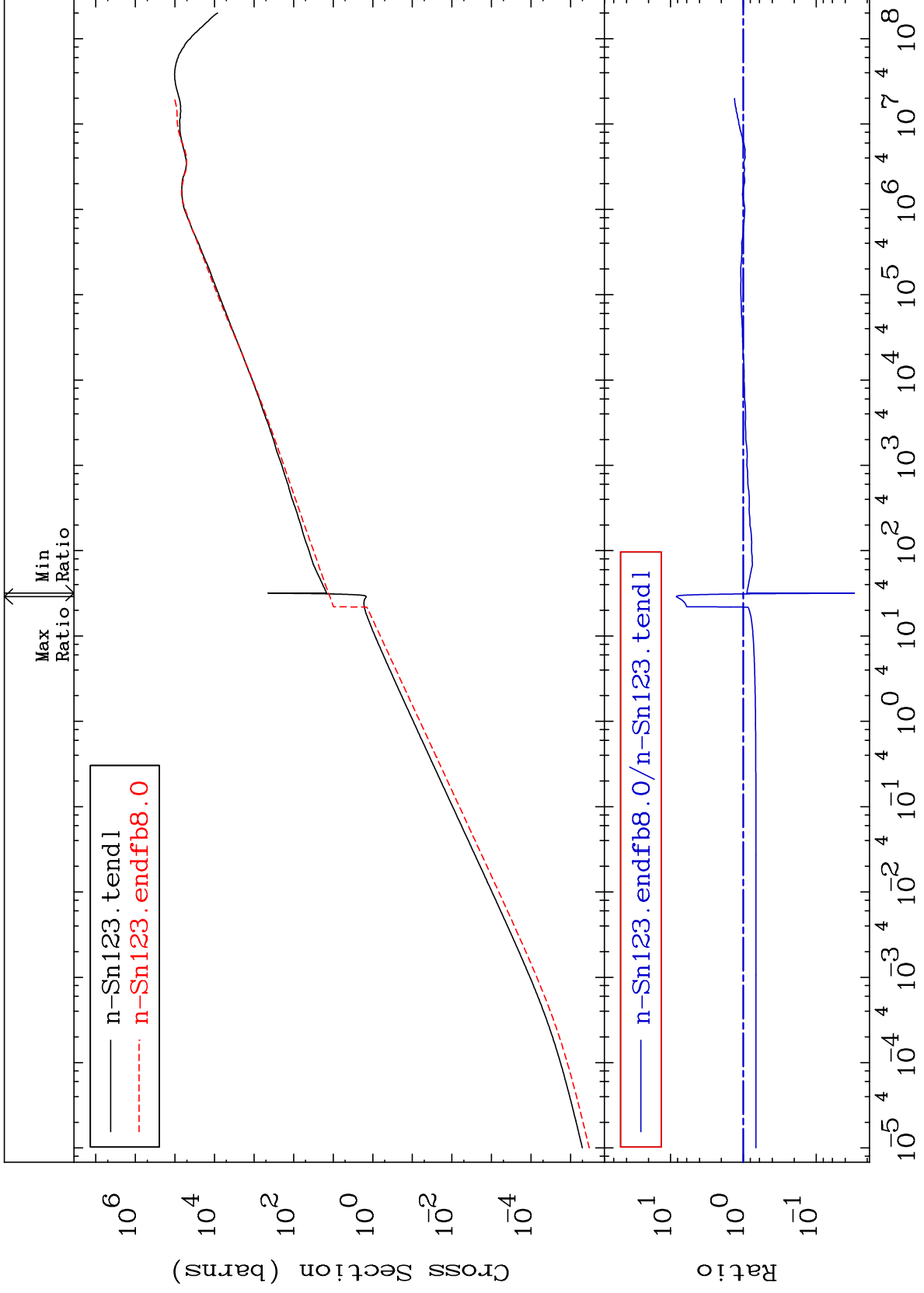
-98.72 To 4926. %

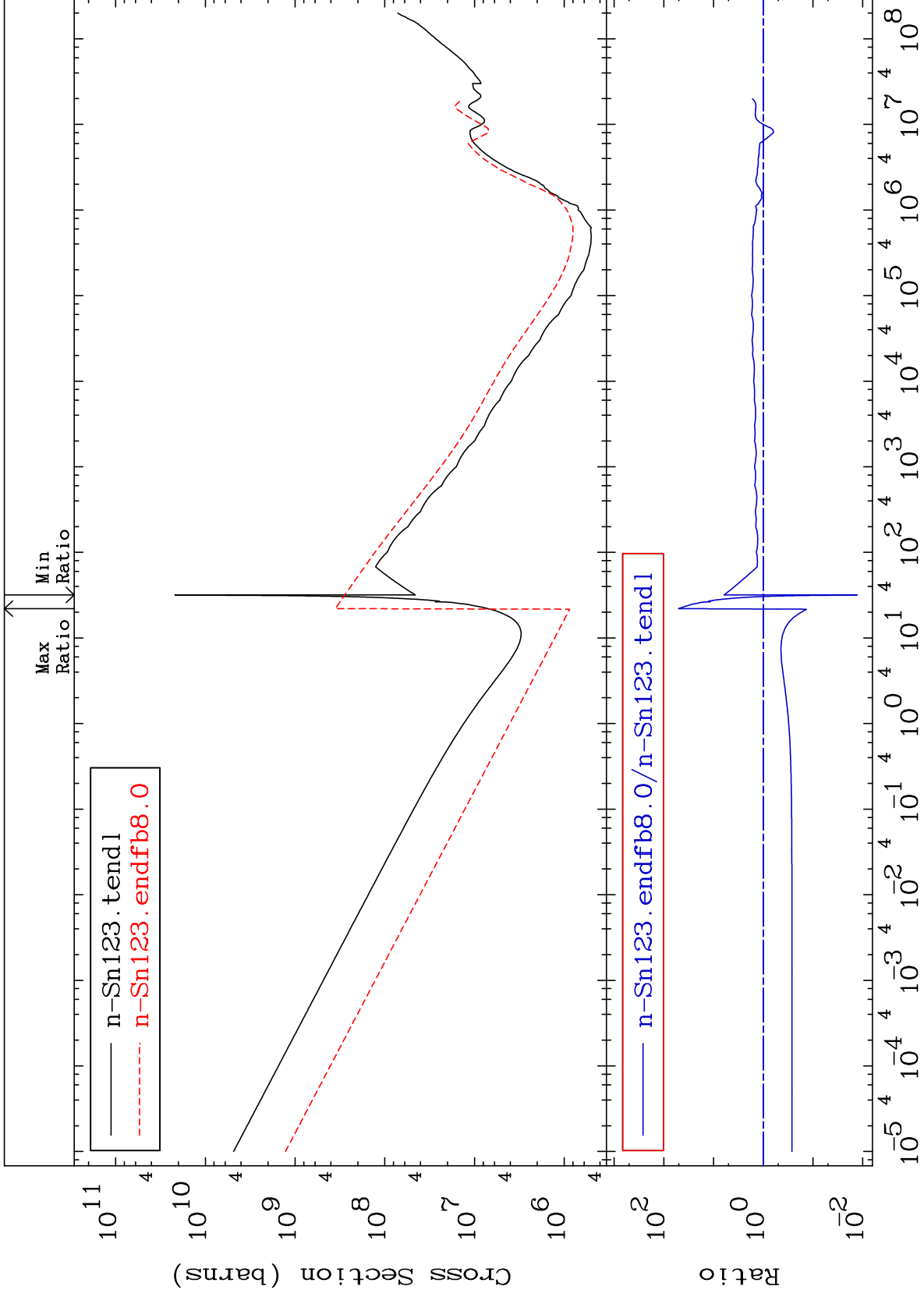


MAT 5058

Kerma elastic  
Cross Section

50-Sn-123  
-97.00 To 729.3 %



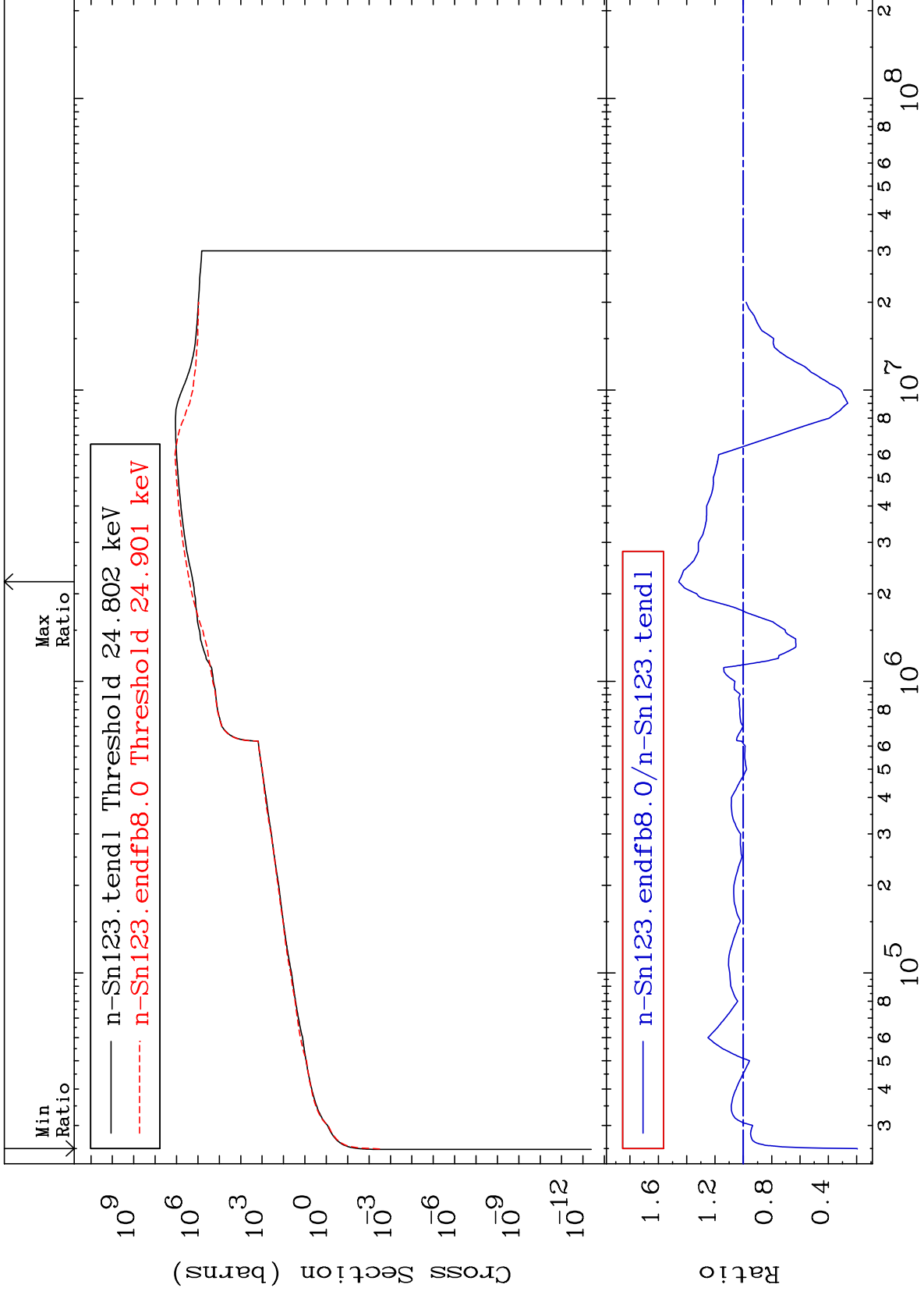




MAT 5058

Kerma inelastic (mt51-91)  
Cross Section

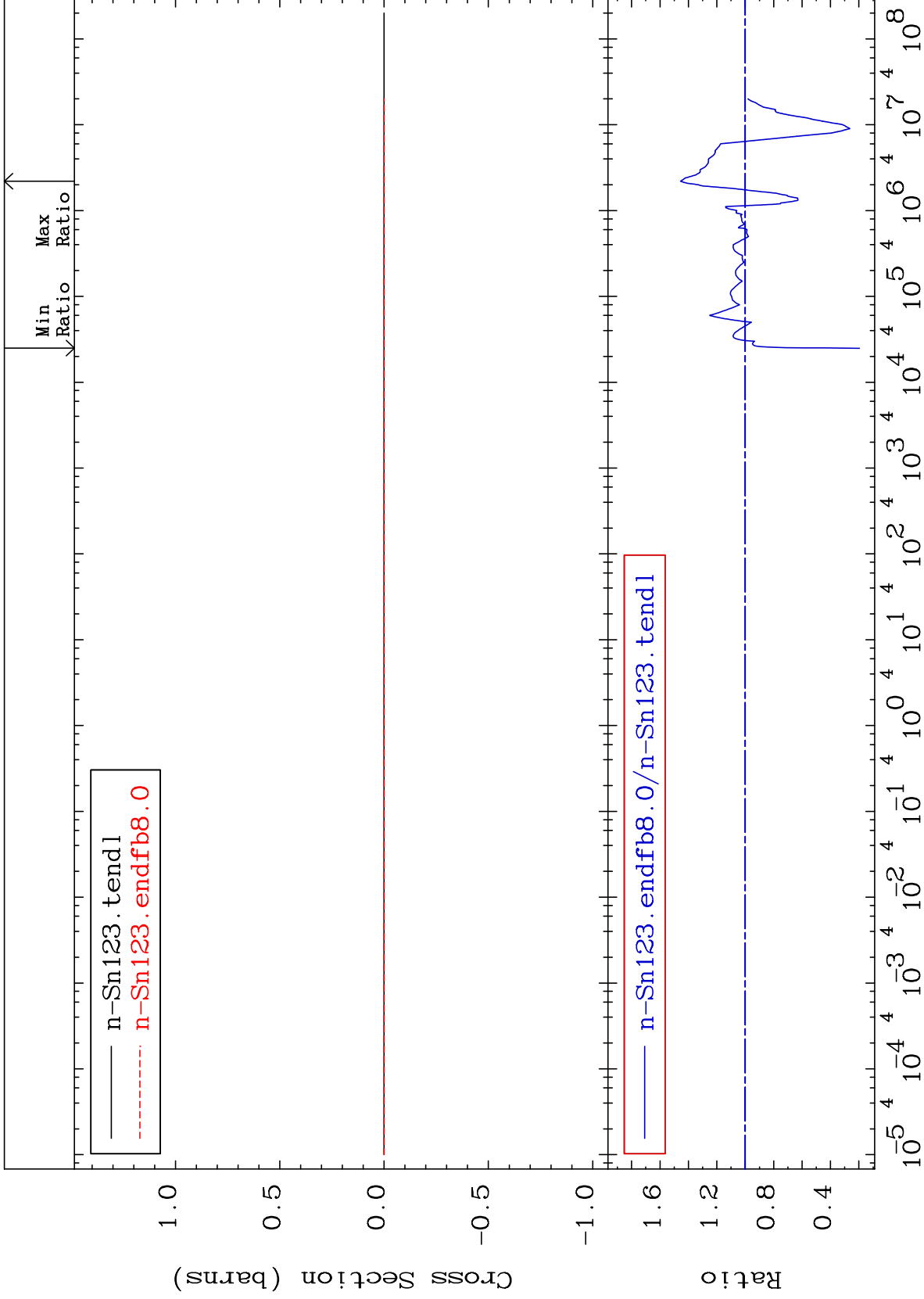
50-Sn-123  
-80.37 To 45.67 %



MAT 5058

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

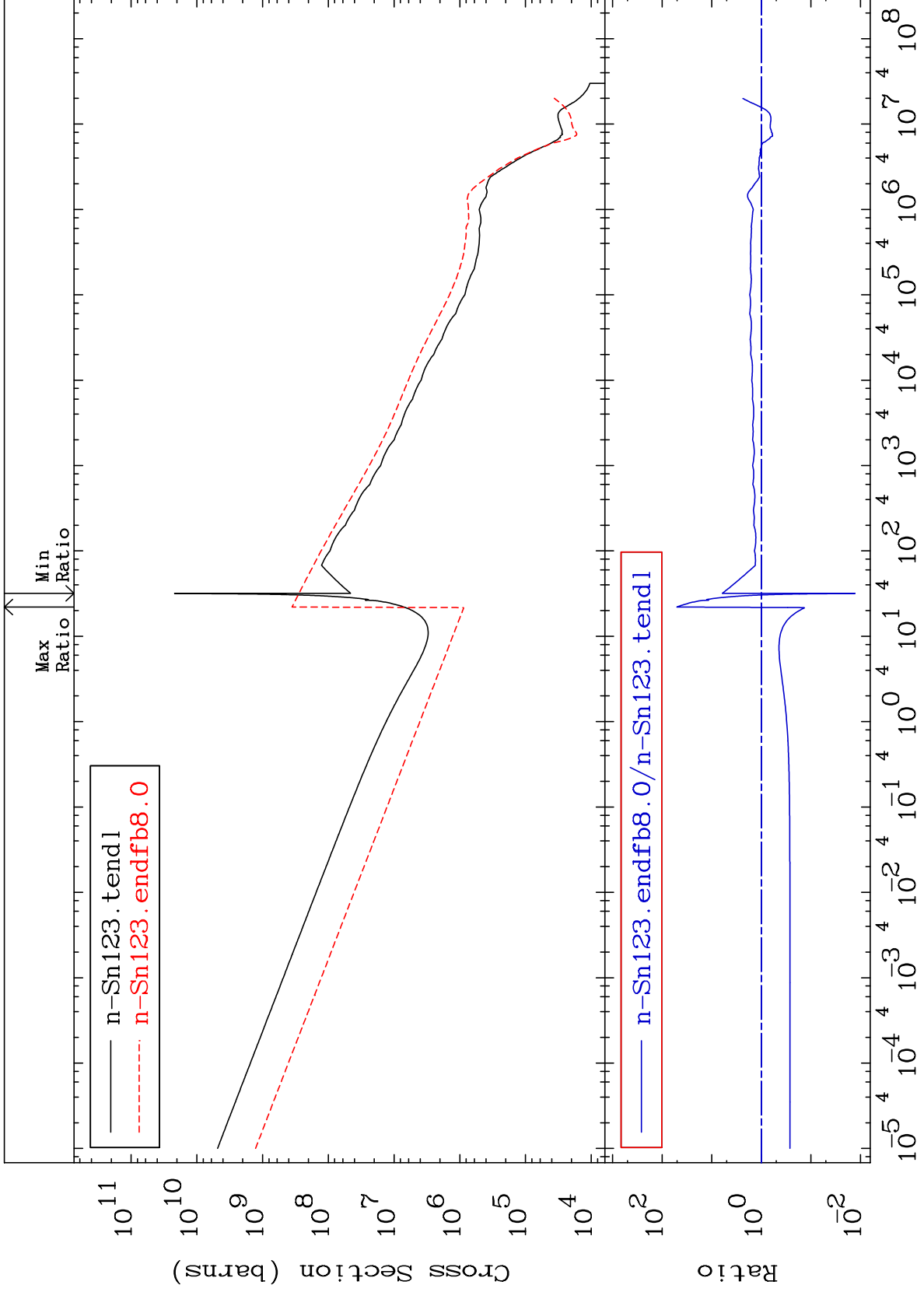
50-Sn-123  
-80.37 To 45.67 %

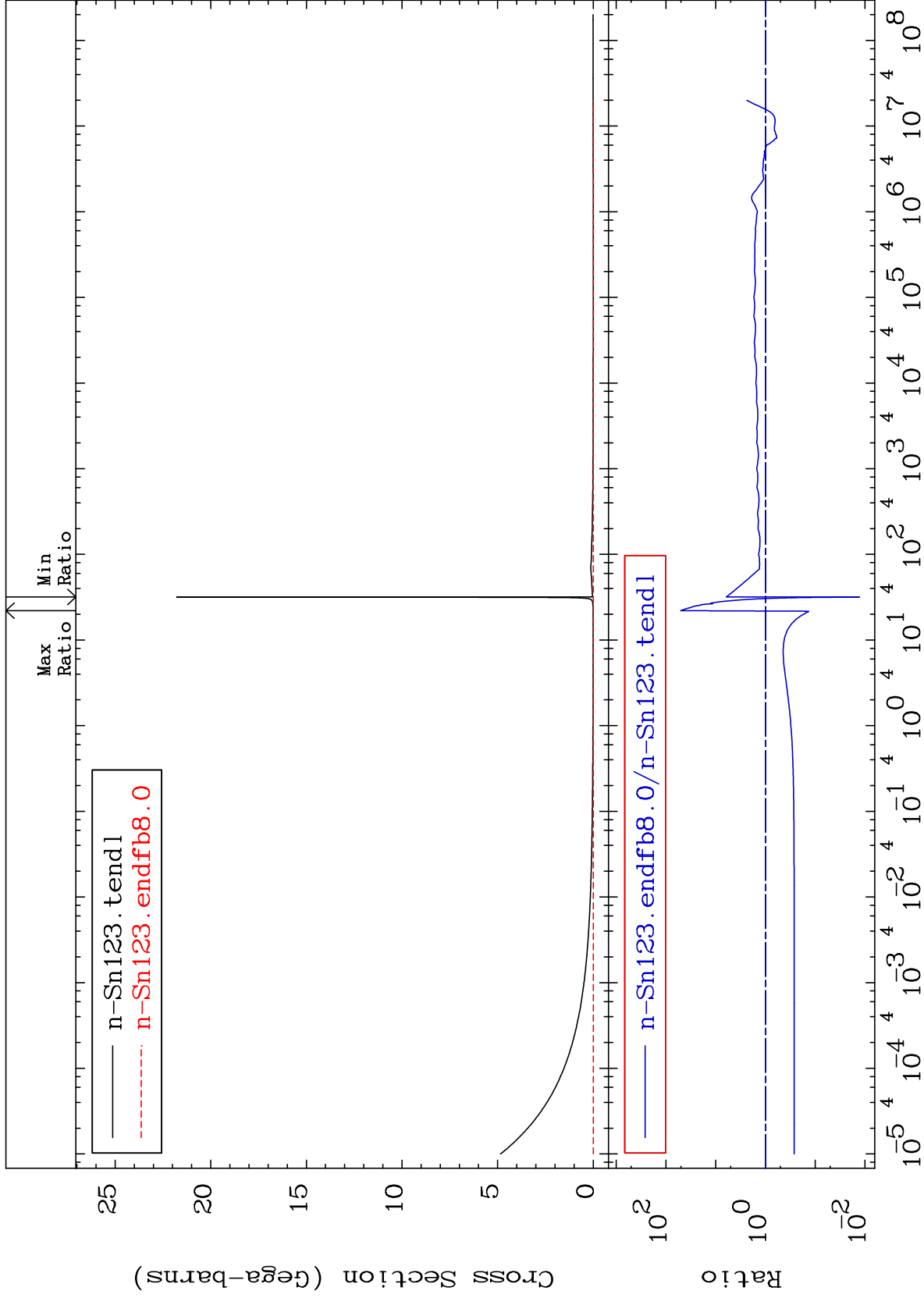


MAT 5058

Kerma capture (mt102)  
Cross Section

50-Sn-123  
-98.72 To 4926. %

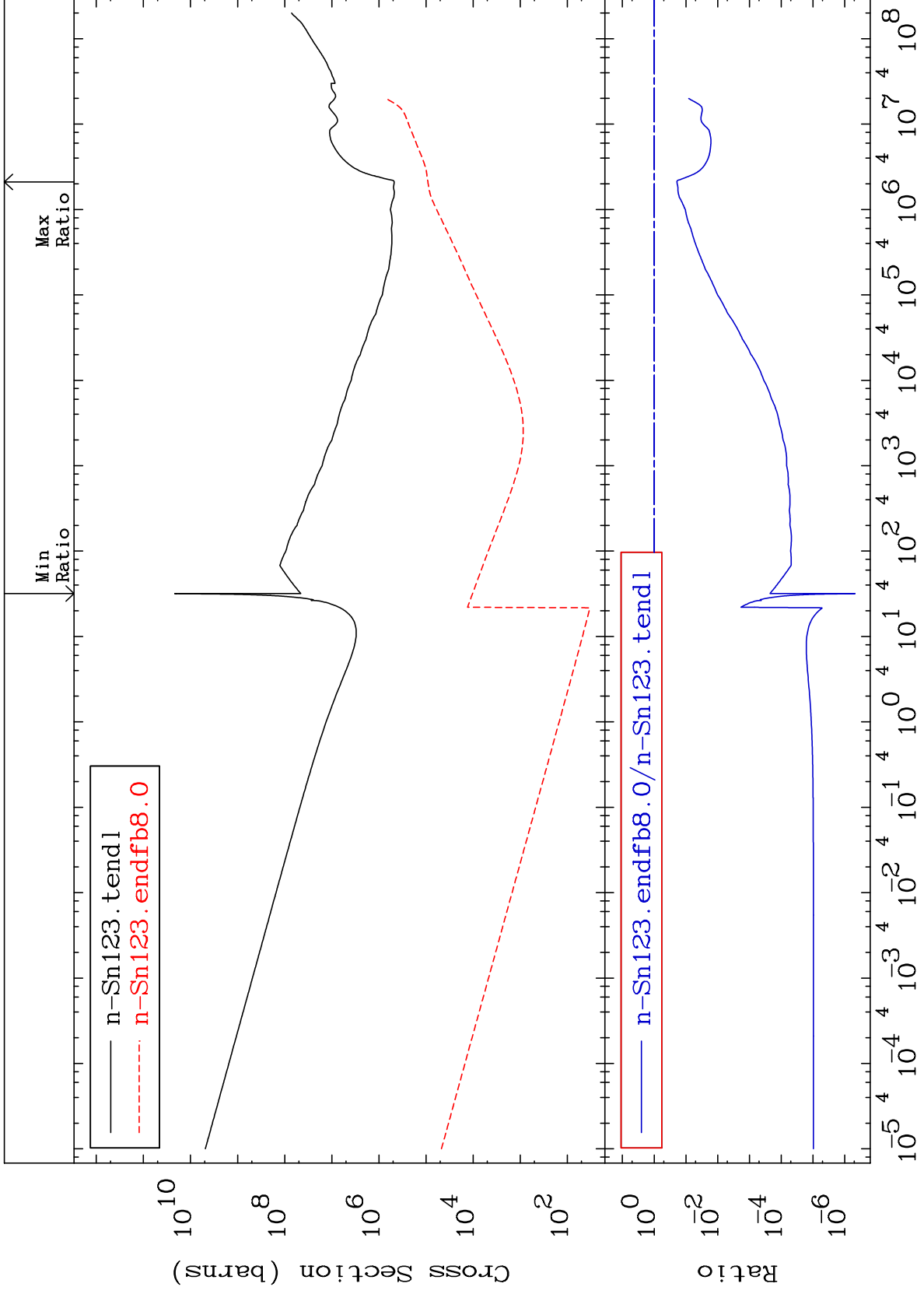




MAT 5058

Total kinematic kerma (high limit)  
Cross Section

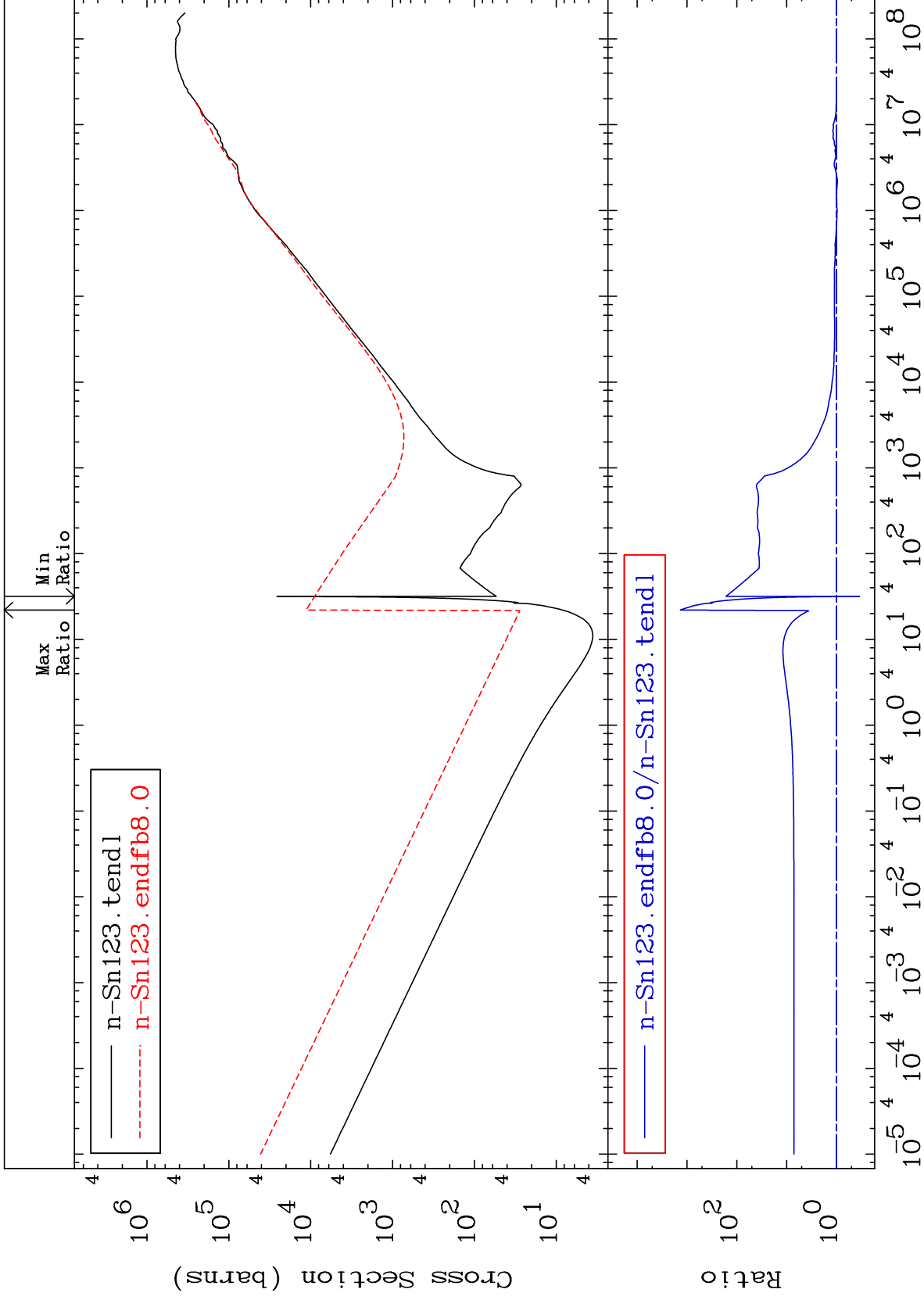
50-Sn-123  
-100.0 To -80.77%



37

Incident Energy (eV)

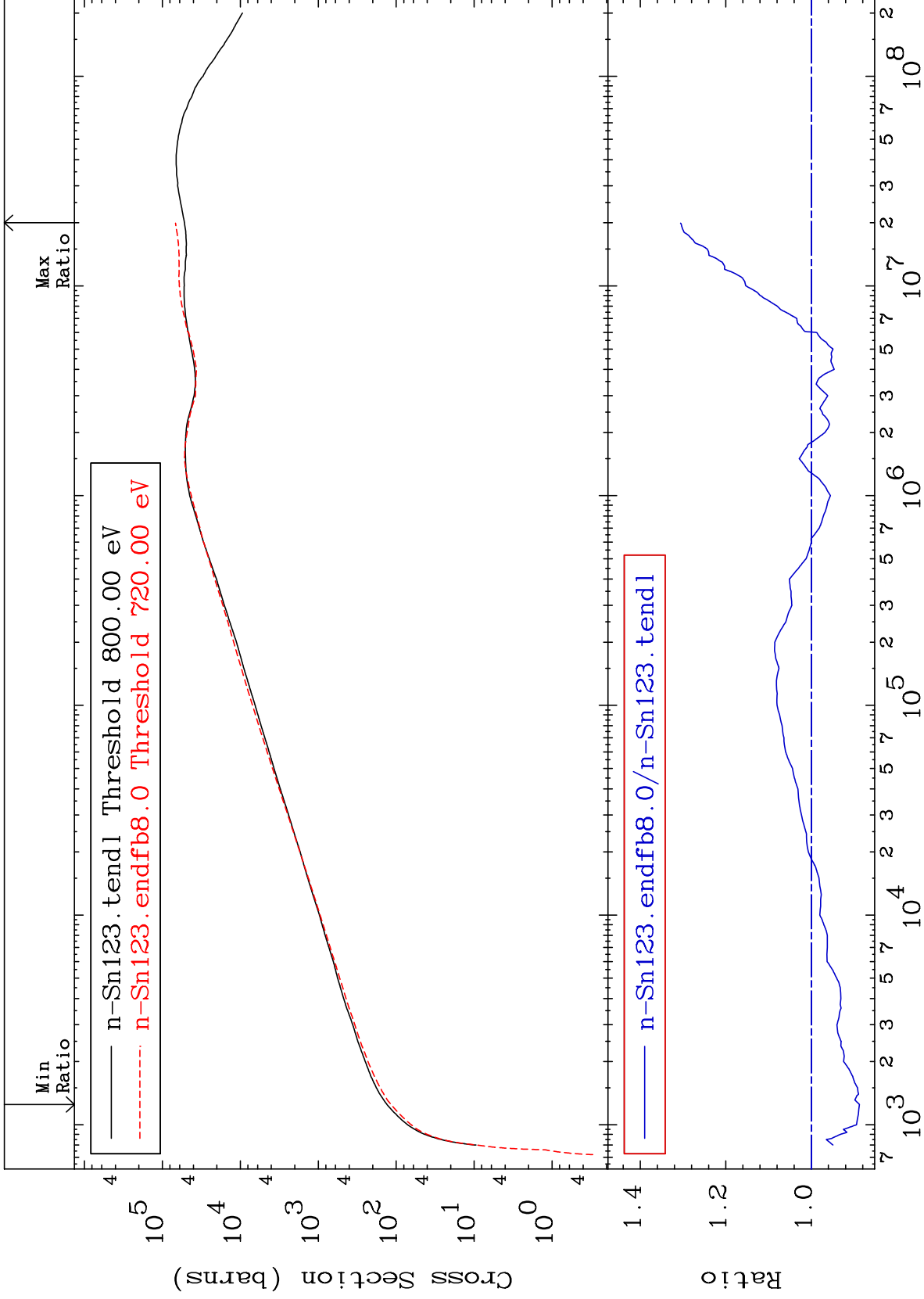
50-Sn-123



MAT 5058

Dpa elastic (mt2)  
Cross Section

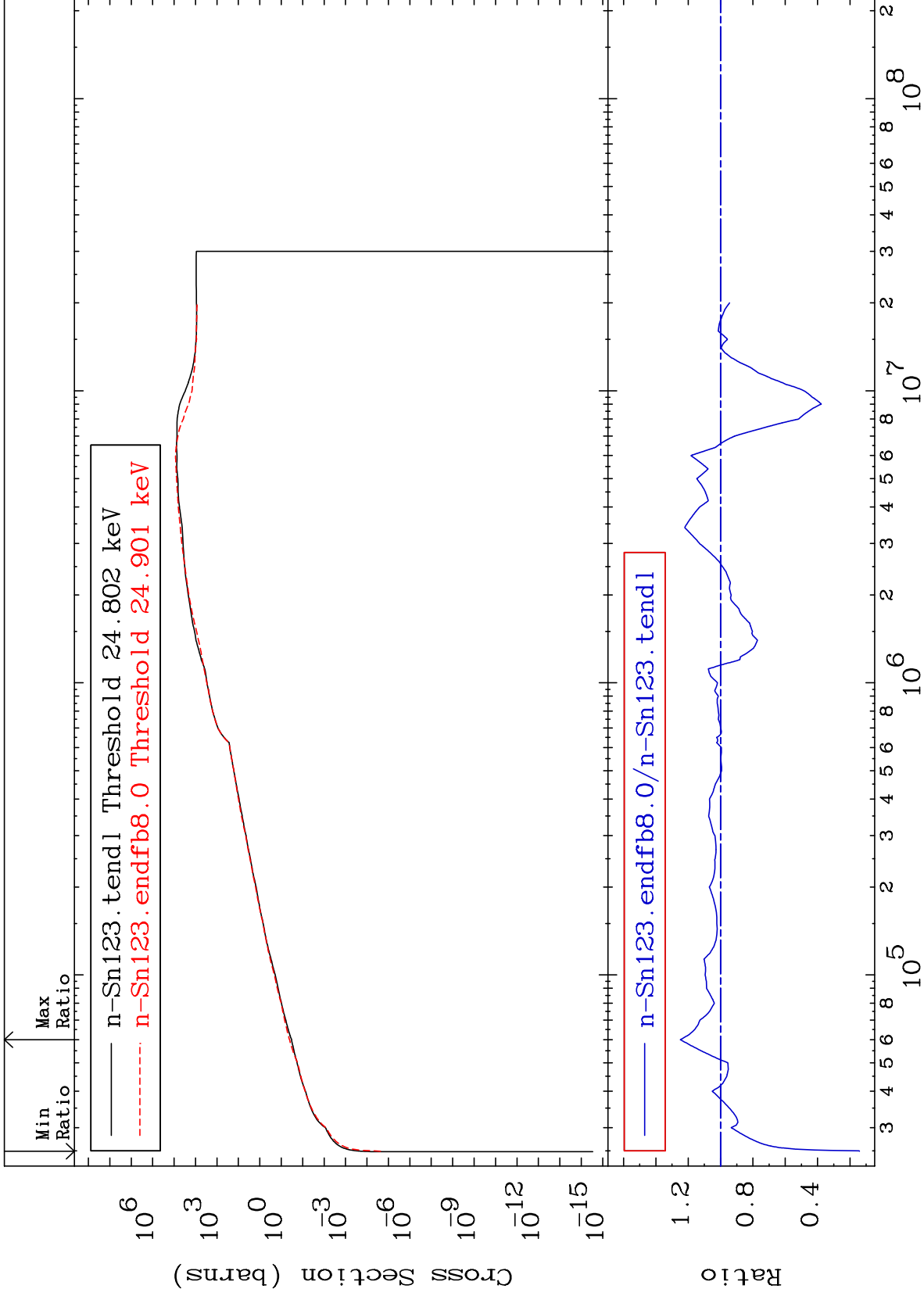
50-Sn-123  
-11.24 To 30.62 %



MAT 5058

Dpa inelastic (mt51-91)  
Cross Section

50-Sn-123  
-85.86 To 24.86 %



40

Incident Energy (eV)

50-Sn-123



MAT 5058

Dpa disappearance (mt102 -120)  
Cross Section

50-Sn-123  
-65.38 To 9999. %

