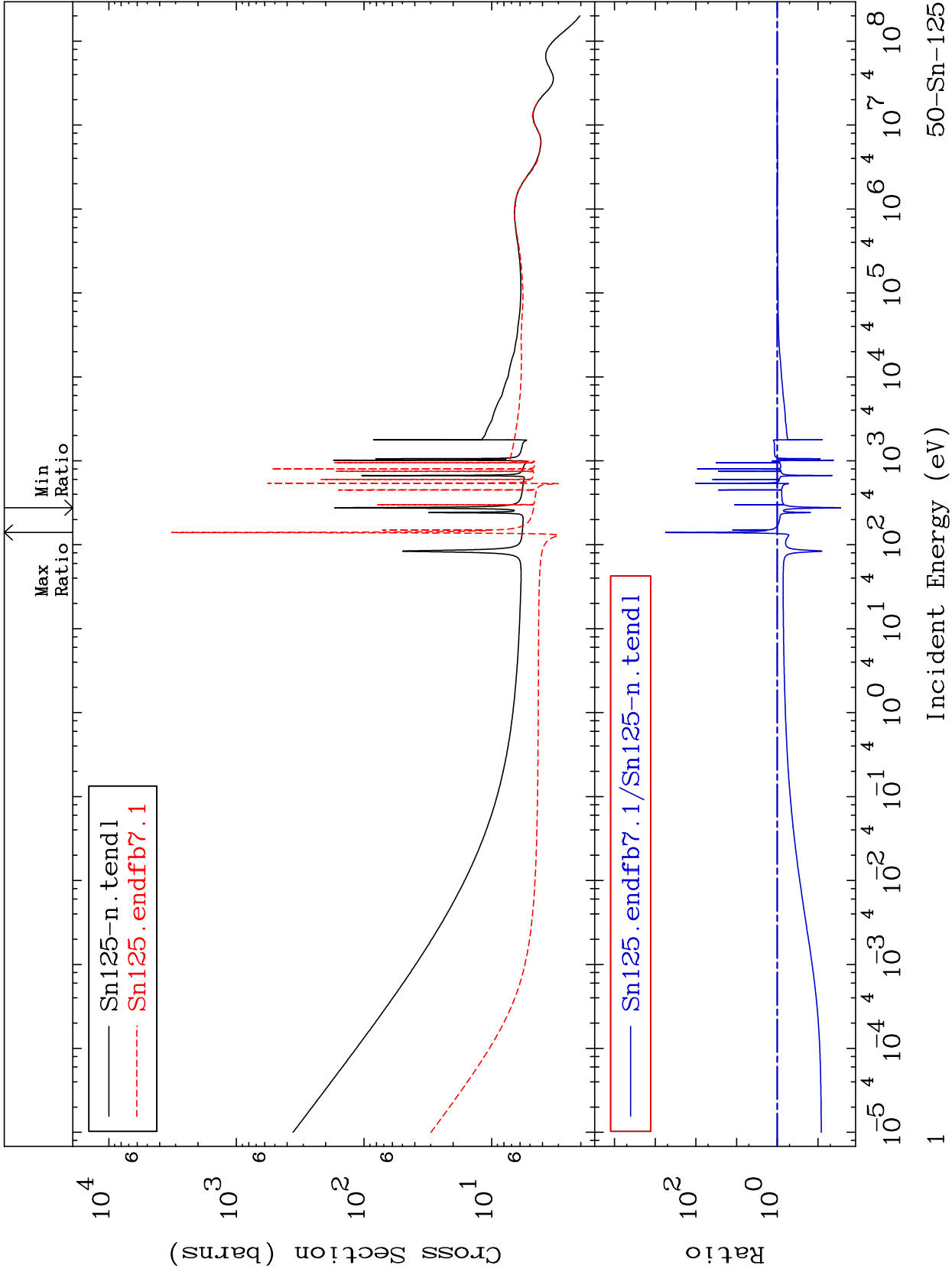


MAT 5064

Total Cross Section  
50-Sn-125  
-97.23 To 9999. %

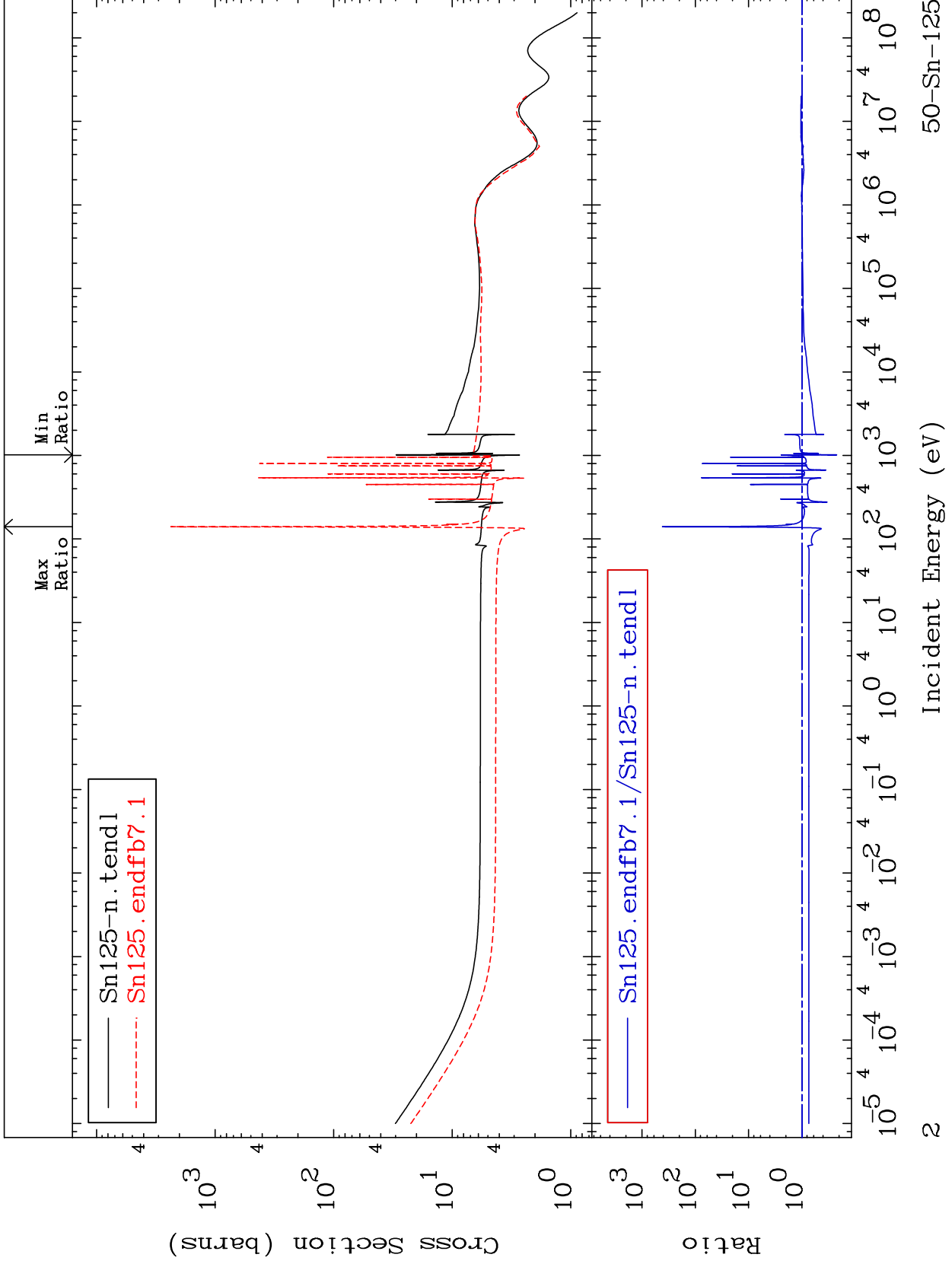


50-Sn-125

MAT 5064

Elastic  
Cross Section

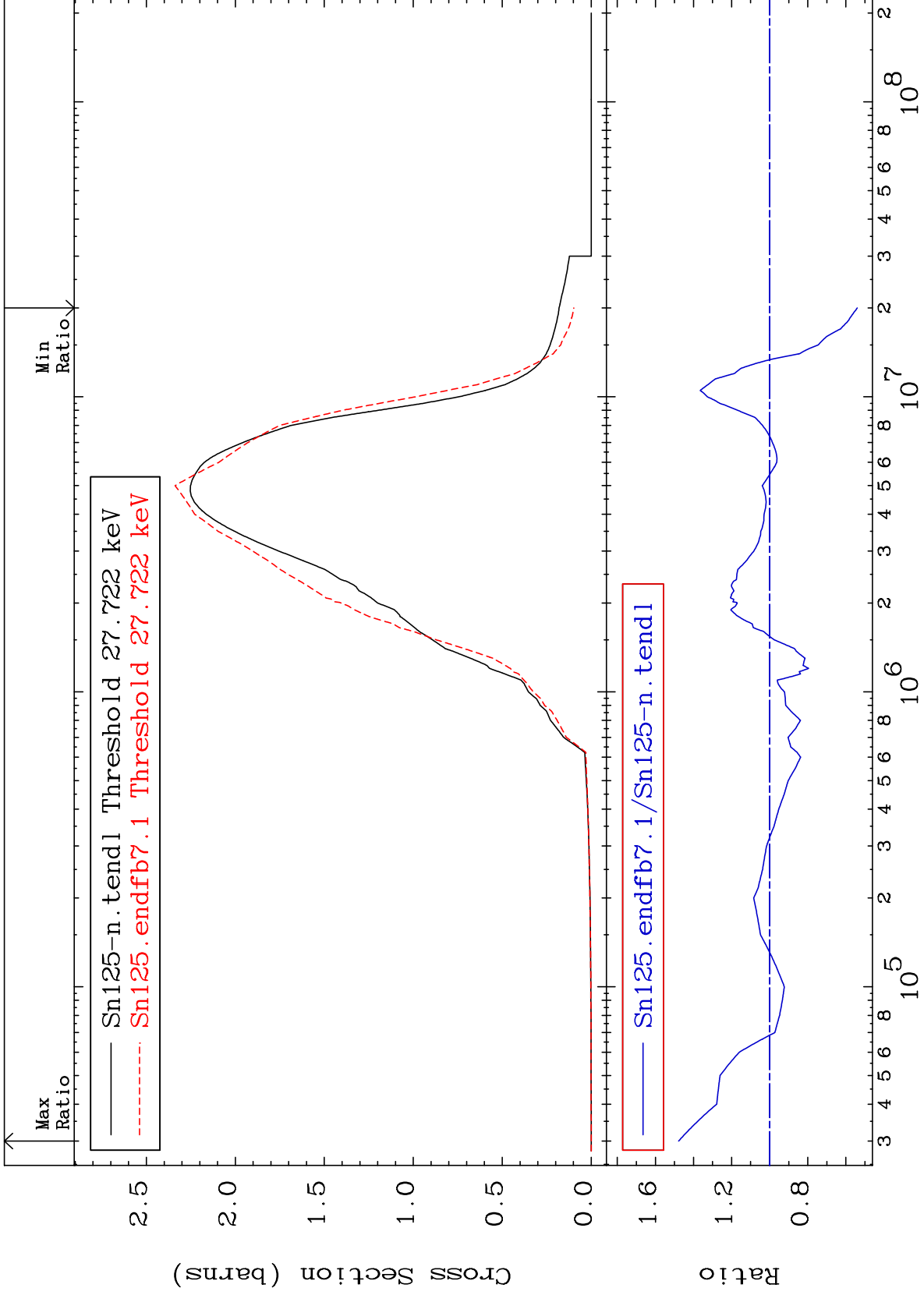
50-Sn-125  
-77.73 To 9999. %



MAT 5064

Inelastic  
Cross Section

50-Sn-125  
-45.98 To 47.81 %



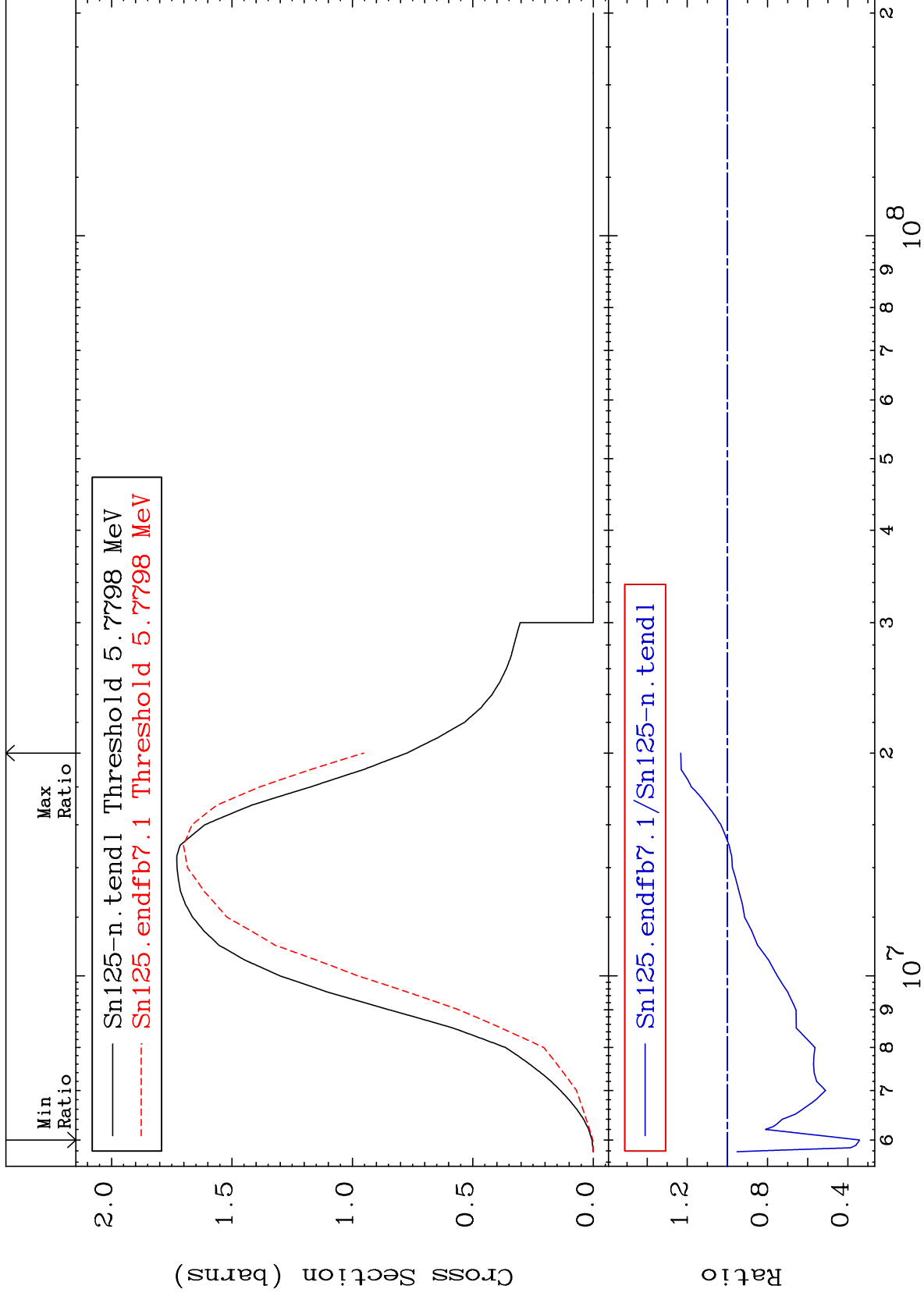
MAT 5064

(n,2n)

50-Sn-125

Cross Section

-65.80 To 23.24 %



Incident Energy (eV)

50-Sn-125

4

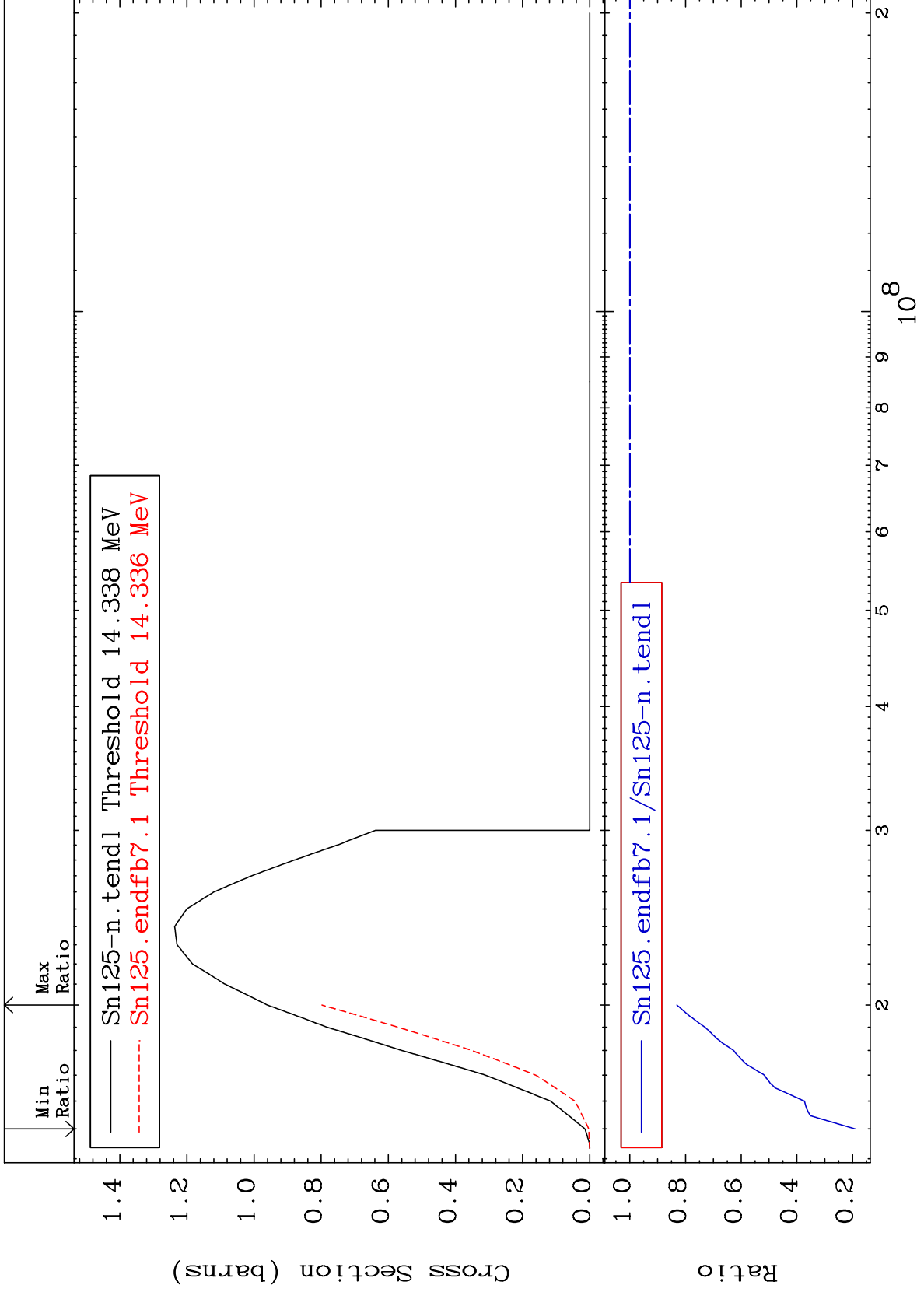
MAT 5064

(n,3n)

50-Sn-125

Cross Section

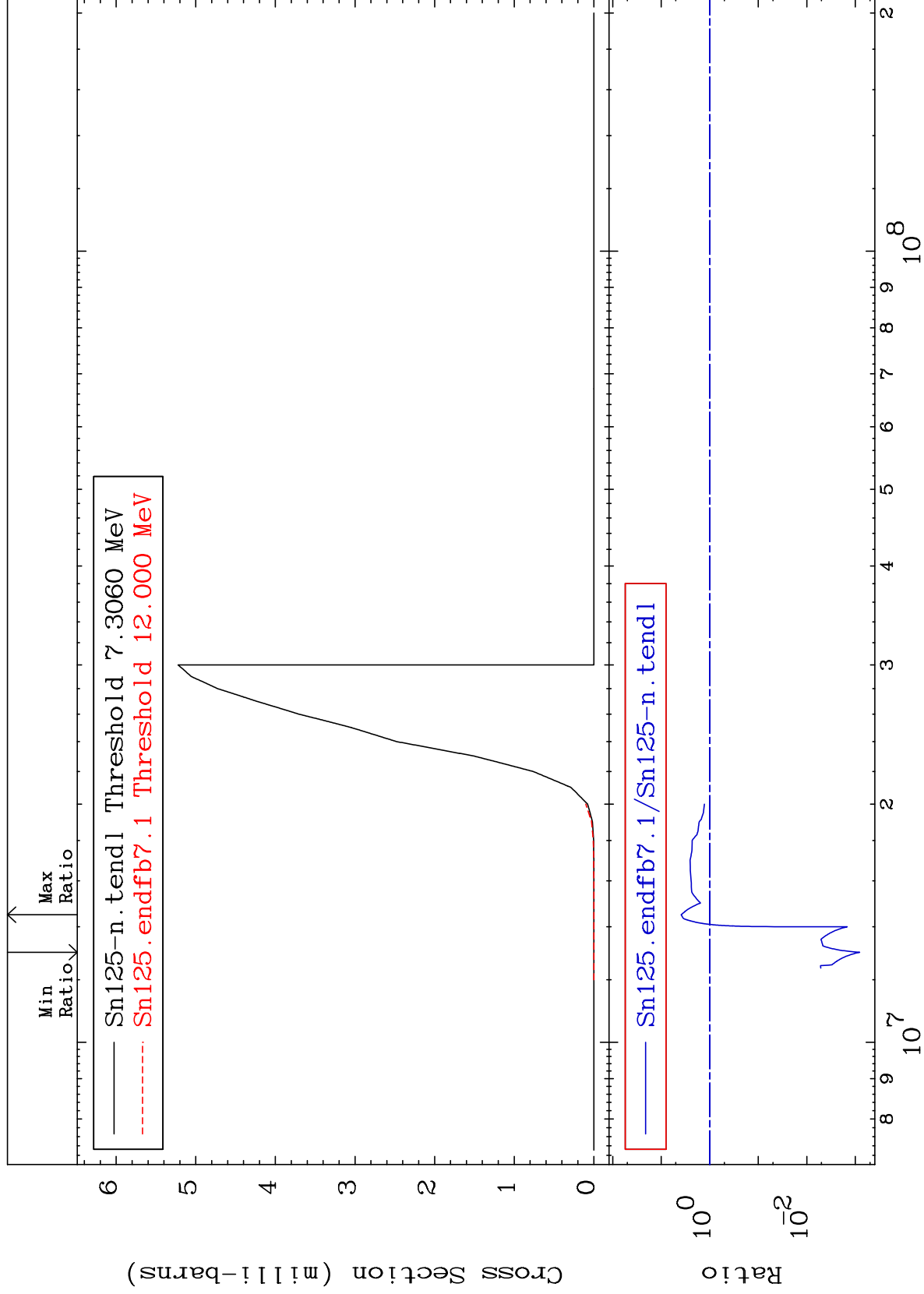
-80.92 To -16.92%



MAT 5064

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

50-Sn-125  
-99.92 To 287.9 %



6

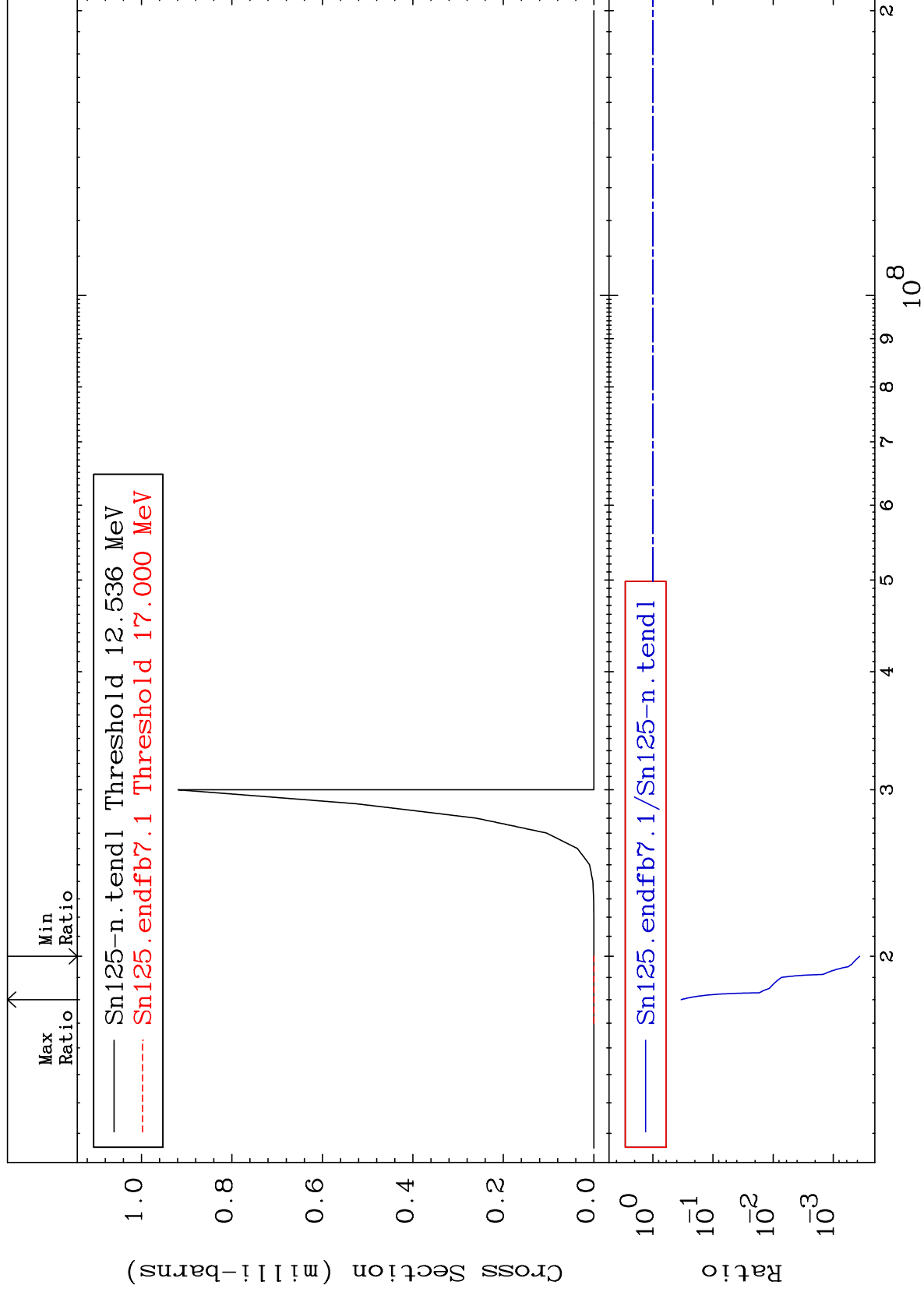
Incident Energy (eV)

50-Sn-125

MAT 5064

(n,2n)  $\alpha$   
Cross Section

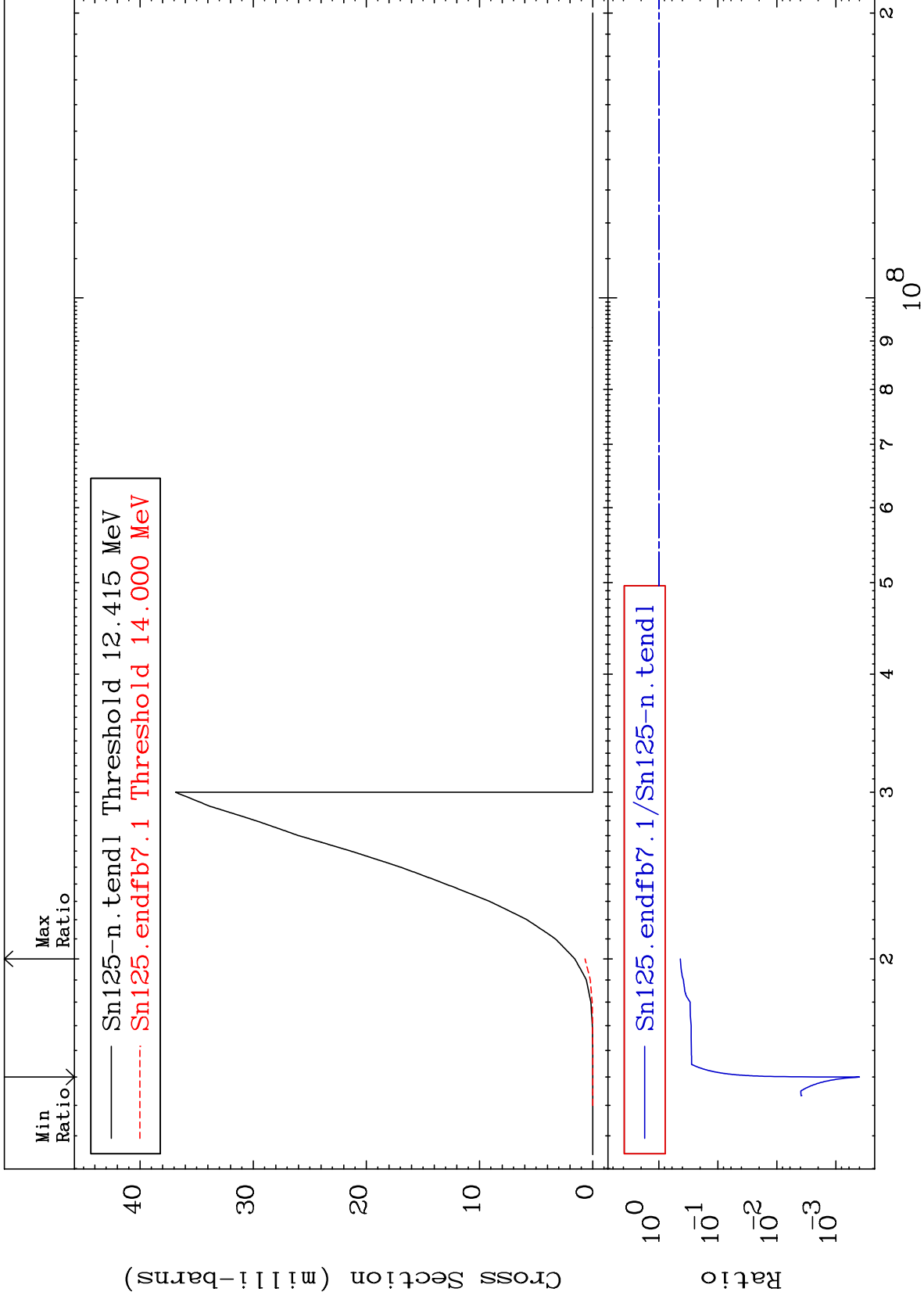
50-Sn-125  
-99.96 To -66.25%



MAT 5064

(n,n') p  
Cross Section

50-Sn-125  
-99.96 To -56.85%

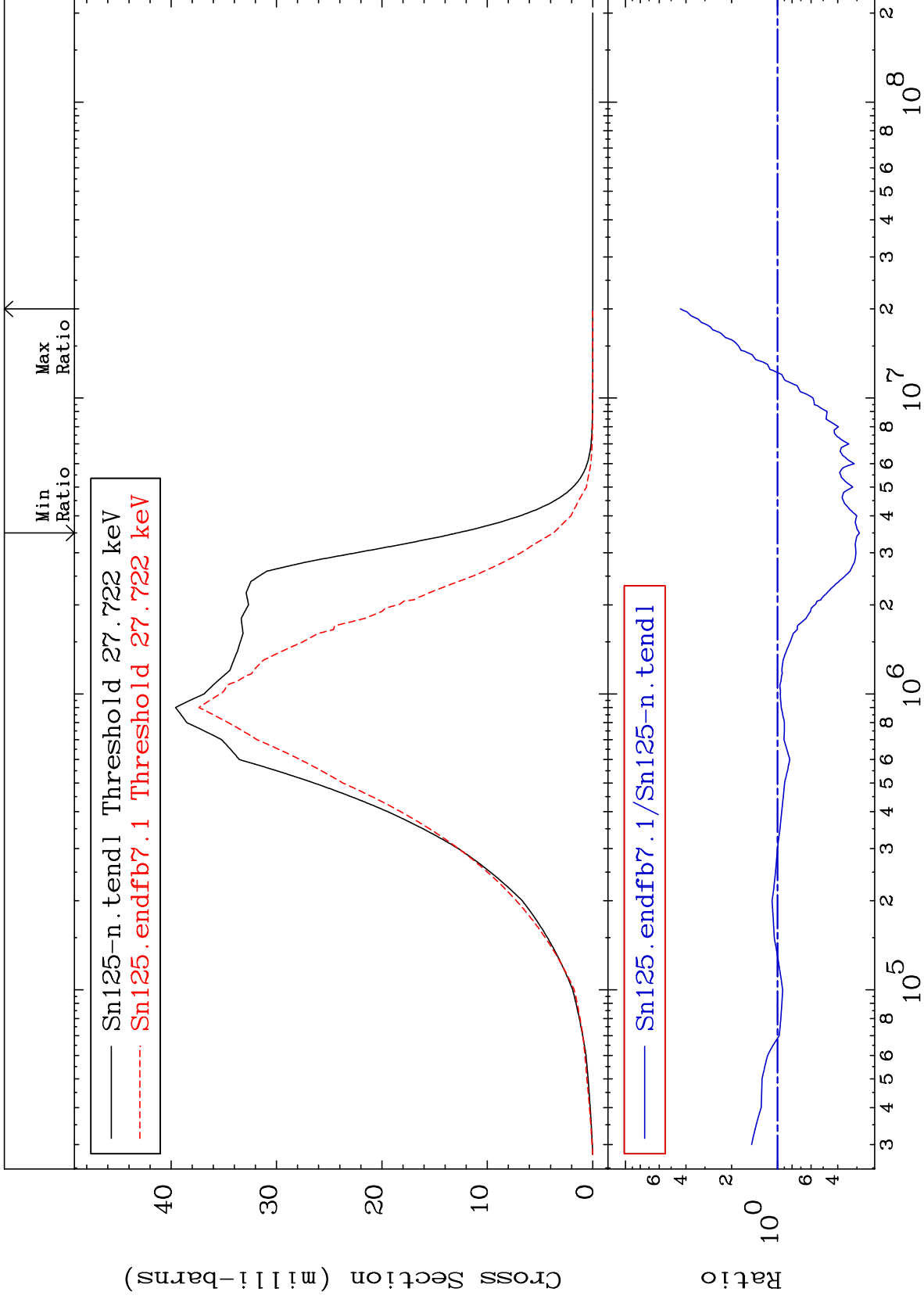




MAT 5064

27.50 keV (n,n') Level  
Cross Section

50-Sn-125  
-71.16 To 335.2 %



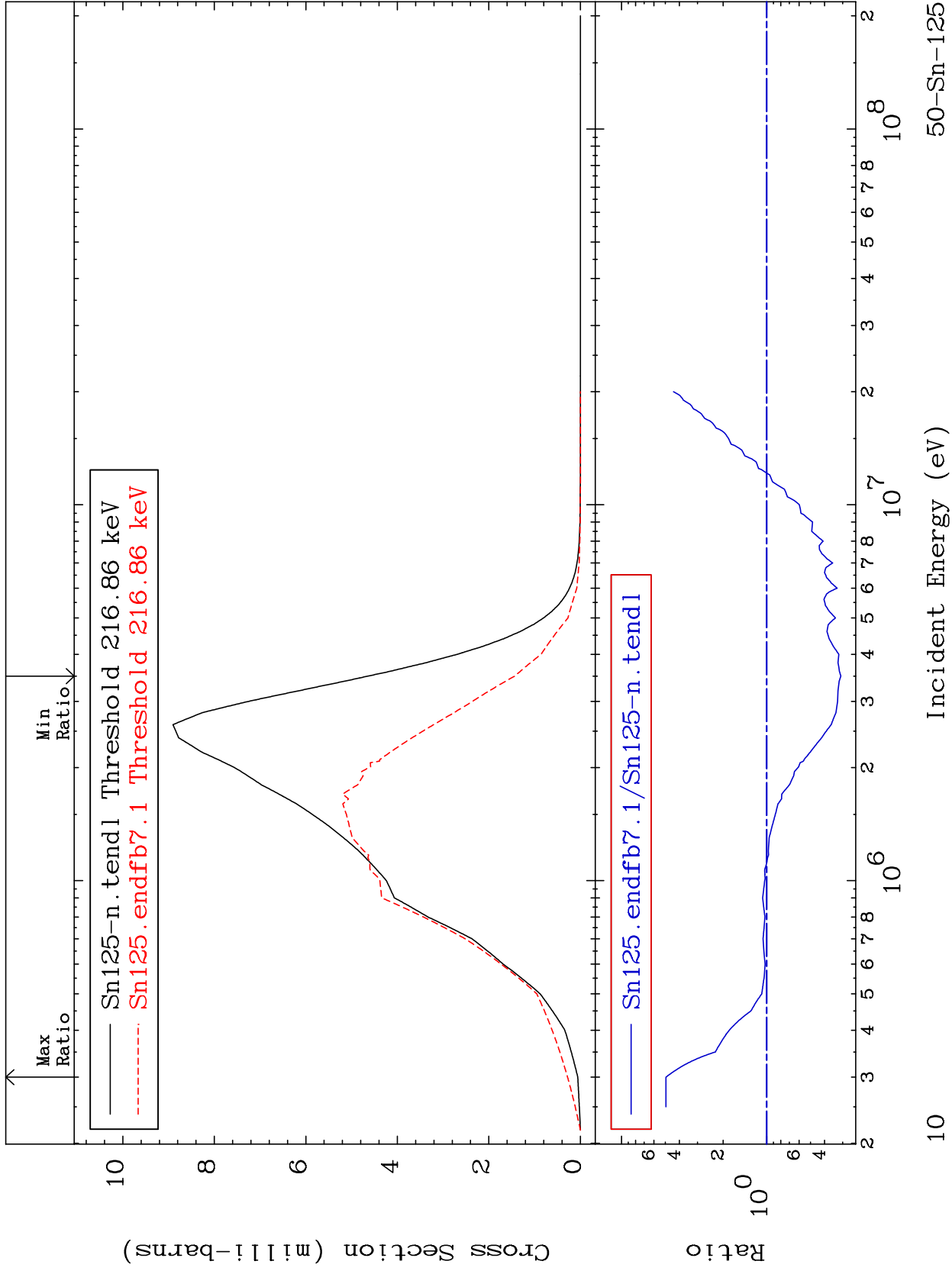
MAT 5064

215.1 keV (n,n') Level

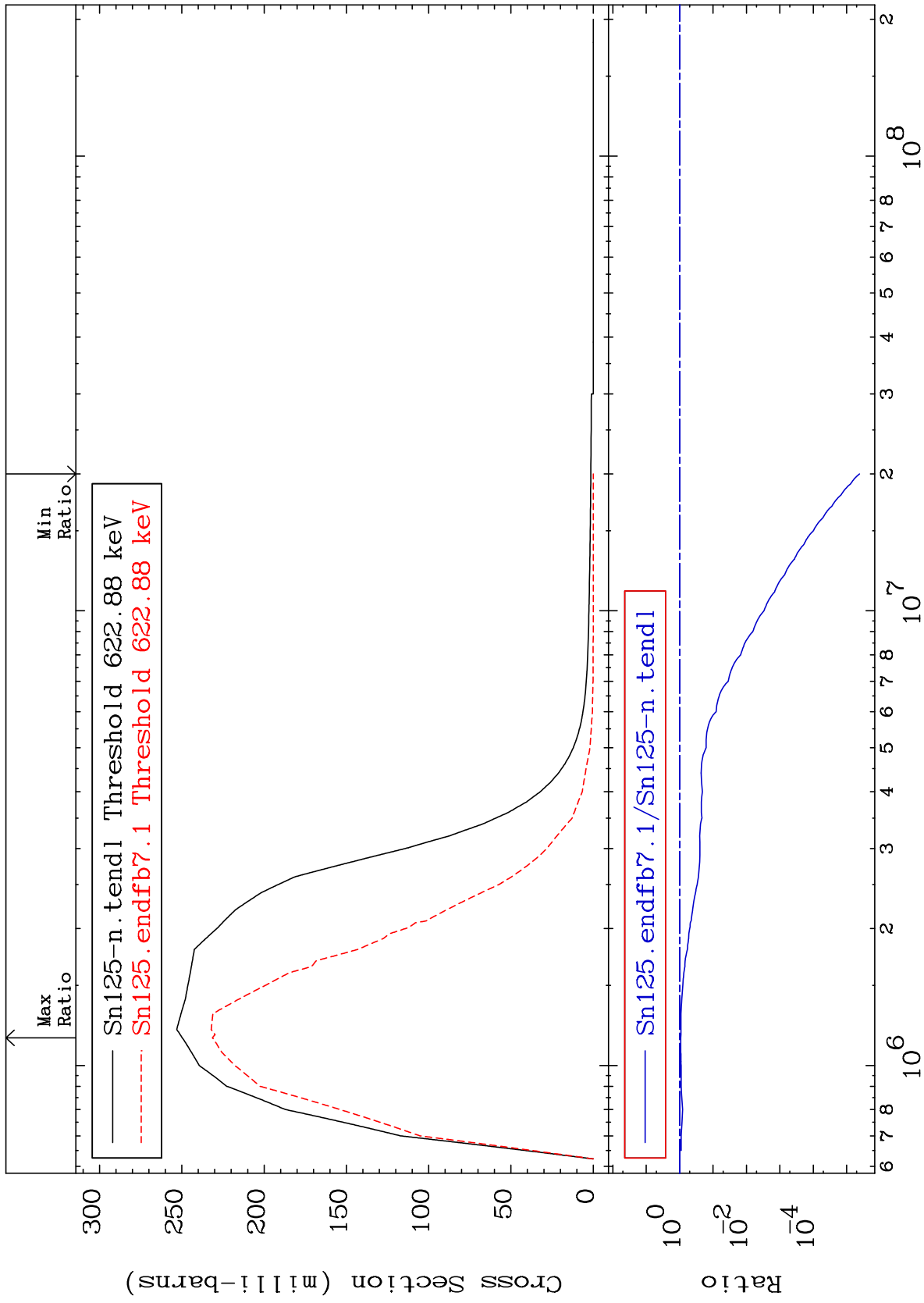
50-Sn-125

-69.10 To 394.8 %

Cross Section



MAT 5064      617.9 keV (n,n') Level      50-Sn-125  
 Cross Section      -100.0 To -7.333%



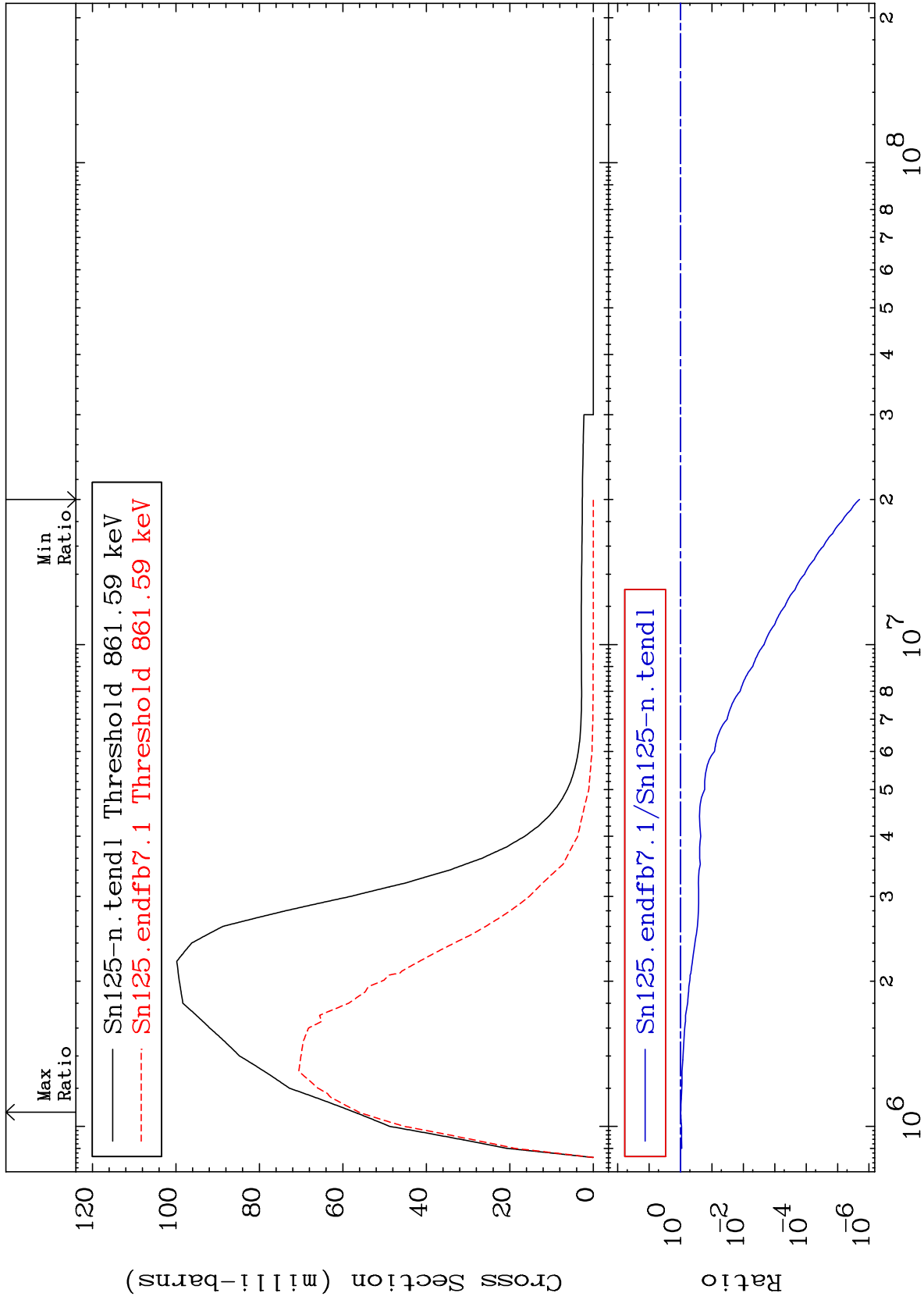
MAT 5064

854.7 keV (n,n') Level

50-Sn-125

-100.0 To -1.891%

Cross Section



12

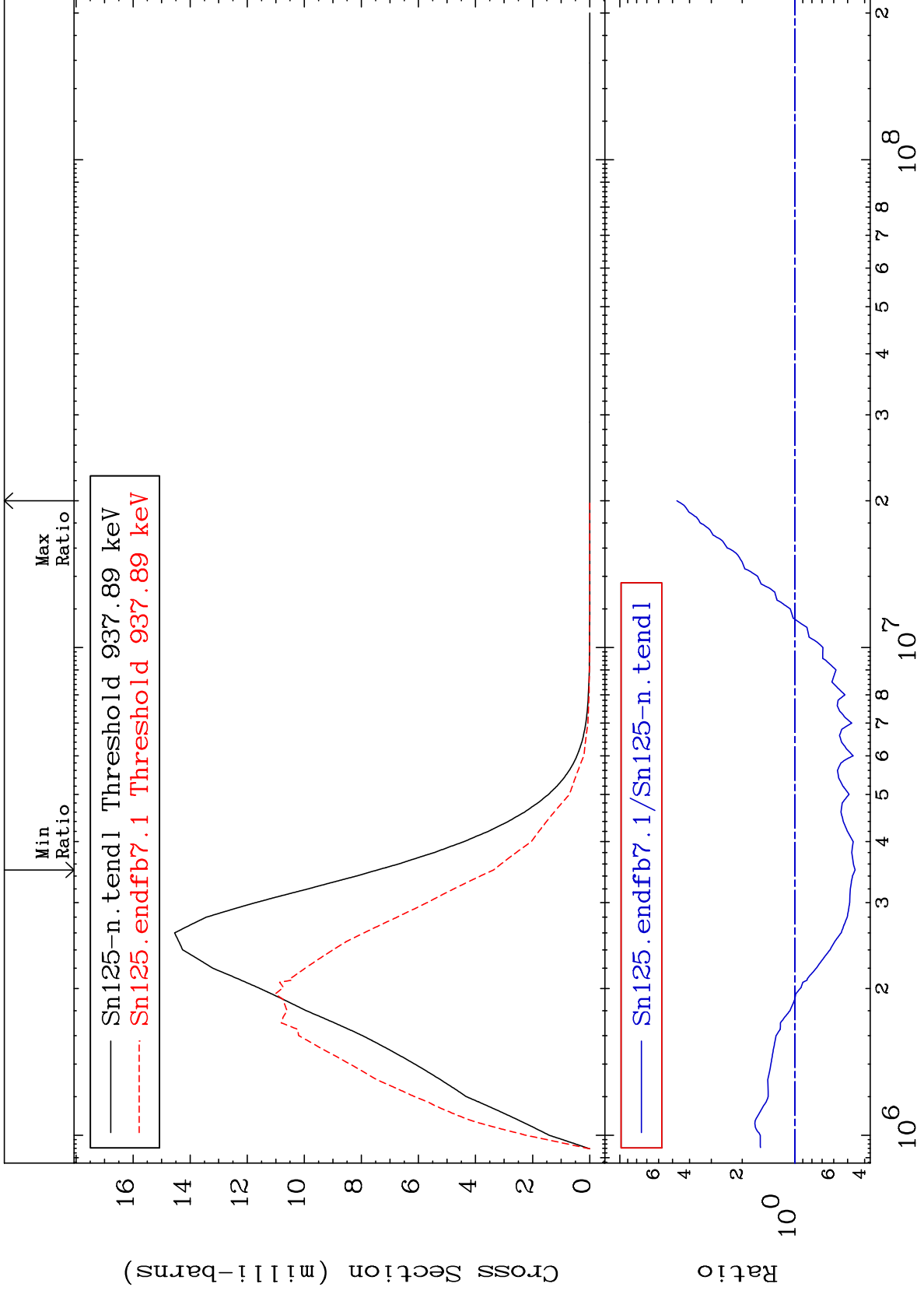
Incident Energy (eV)

50-Sn-125

MAT 5064

930.4 keV (n,n') Level  
Cross Section

50-Sn-125  
-54.68 To 371.5 %



13

Incident Energy (eV)

50-Sn-125

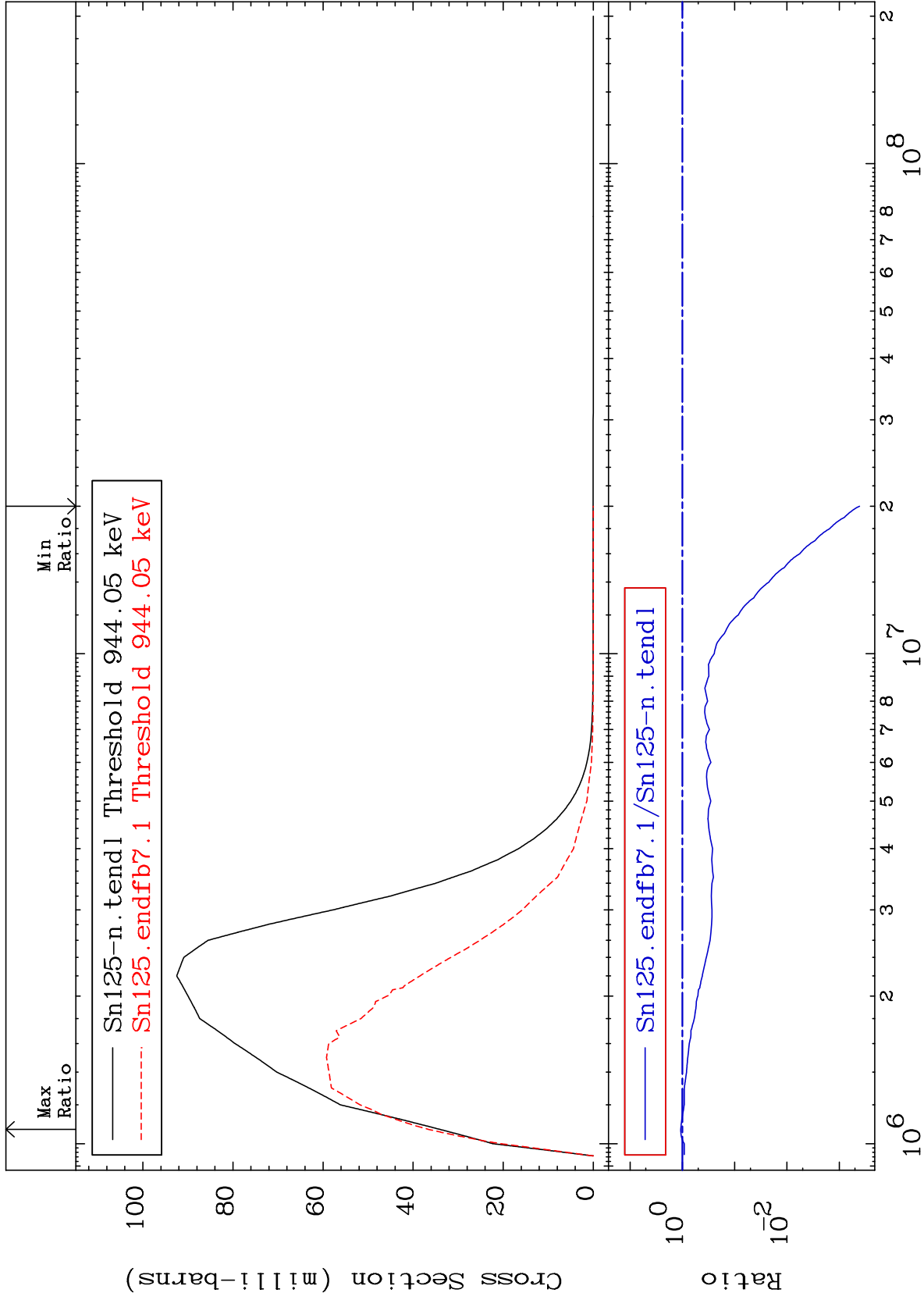
MAT 5064

936.5 keV (n,n') Level

50-Sn-125

-99.96 To 7.339 %

Cross Section



14

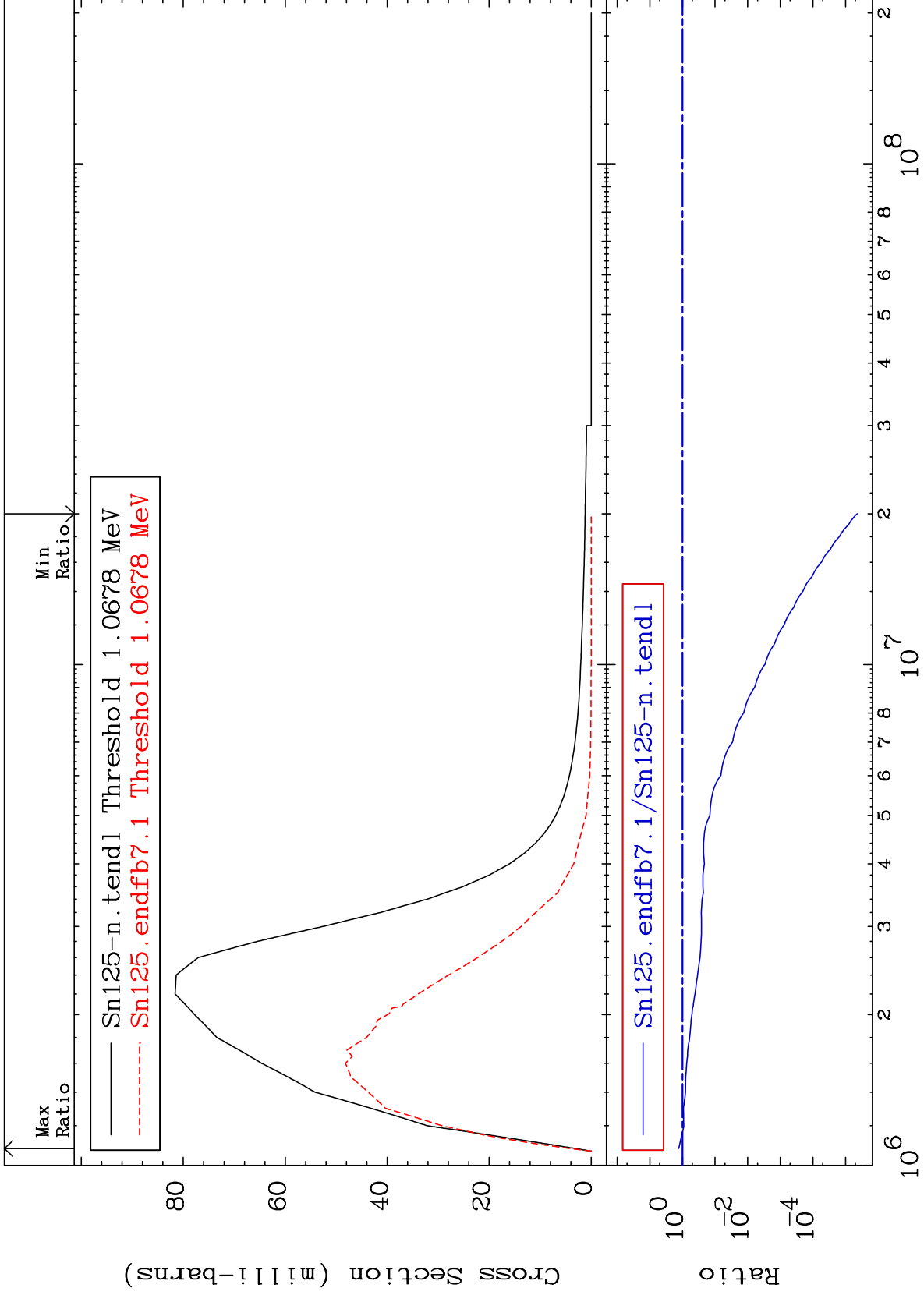
Incident Energy (eV)

50-Sn-125

MAT 5064

1.059 MeV (n,n') Level  
Cross Section

50-Sn-125  
-100.0 To 31.04 %



15

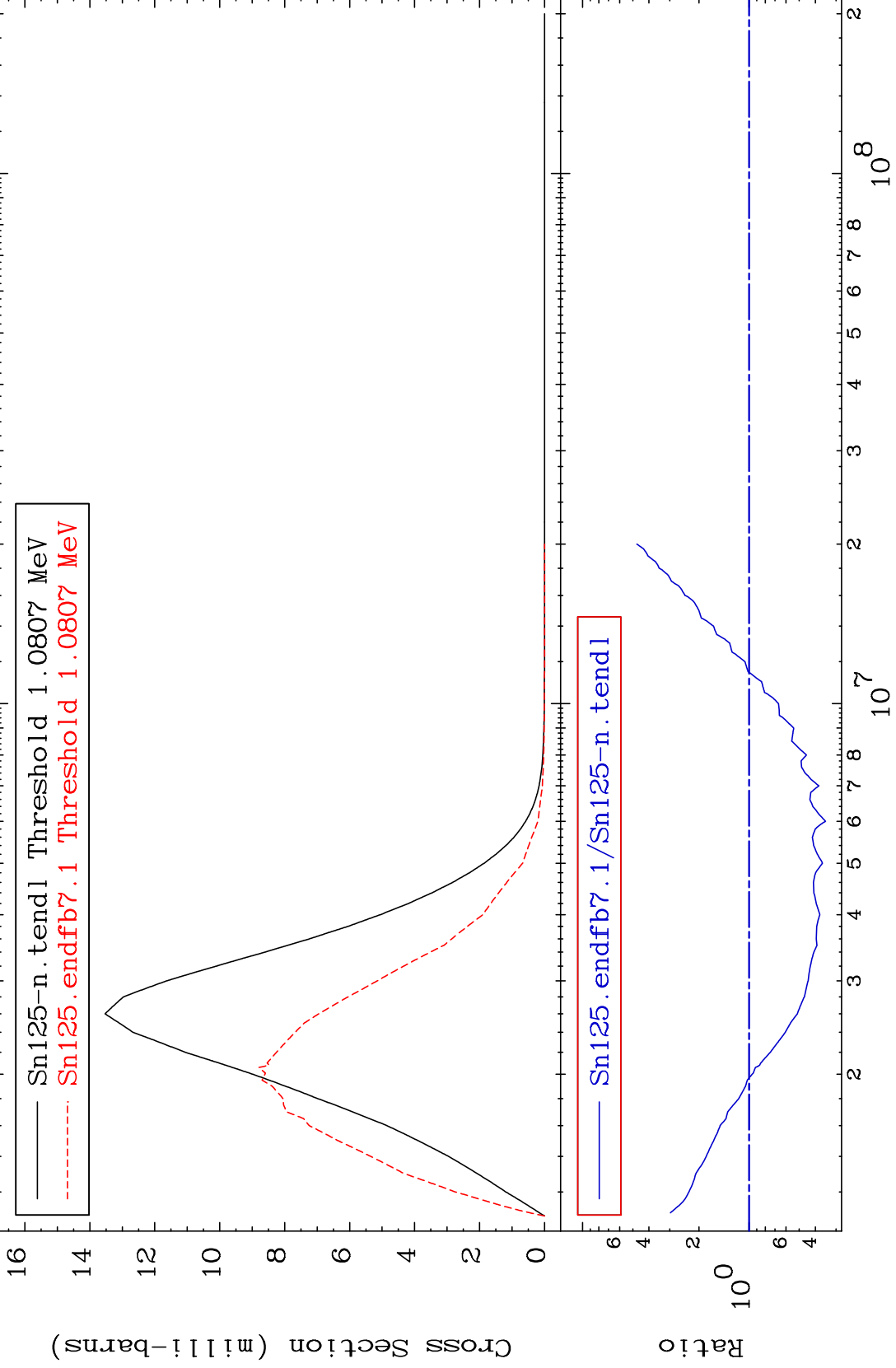
Incident Energy (eV)

50-Sn-125

MAT 5064

1.072 MeV (n,n') Level  
Cross Section

50-Sn-125  
-65.24 To 372.5 %

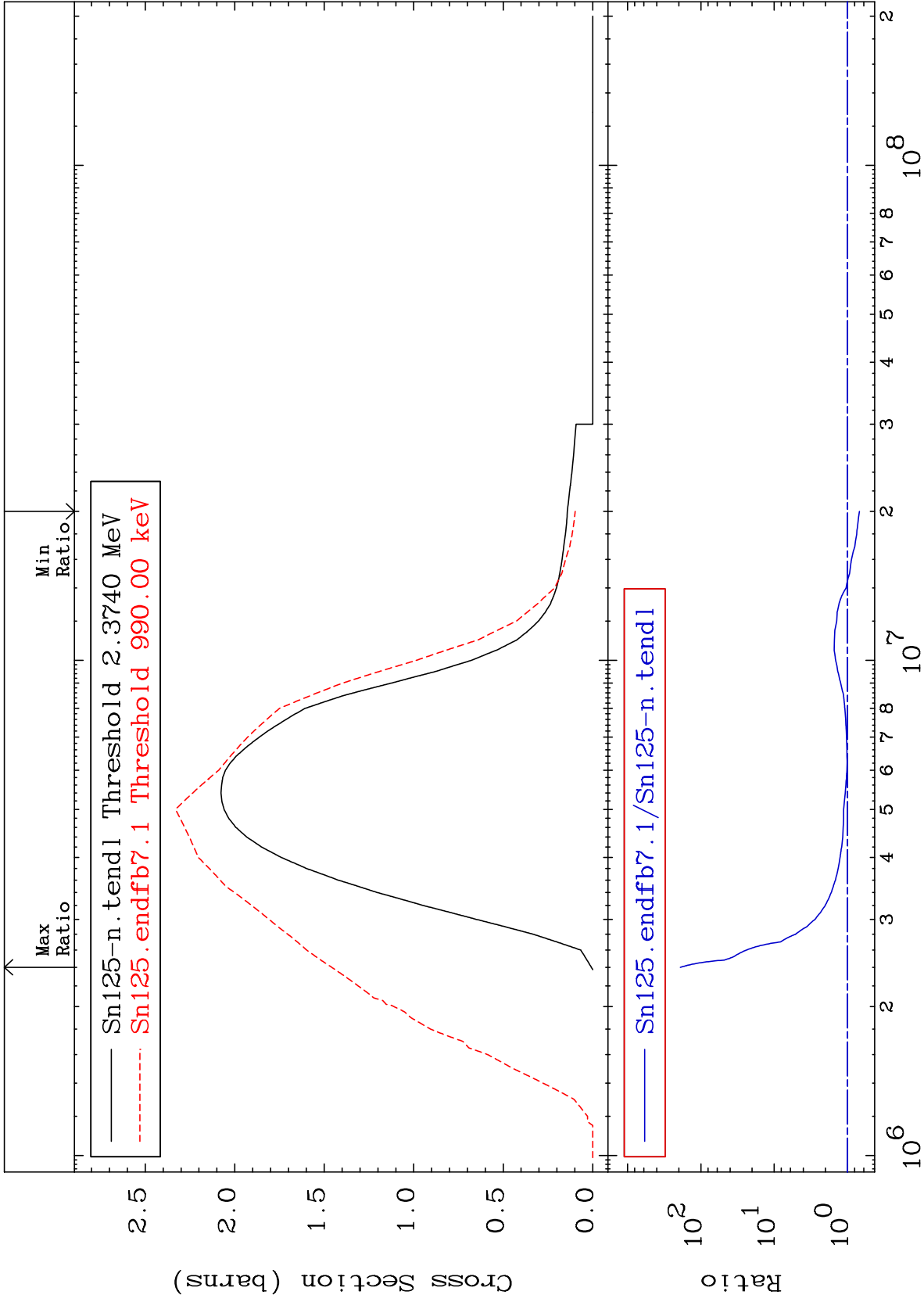




MAT 5064

(n, n') Continuum  
Cross Section

50-Sn-125  
-31.18 To 9999. %



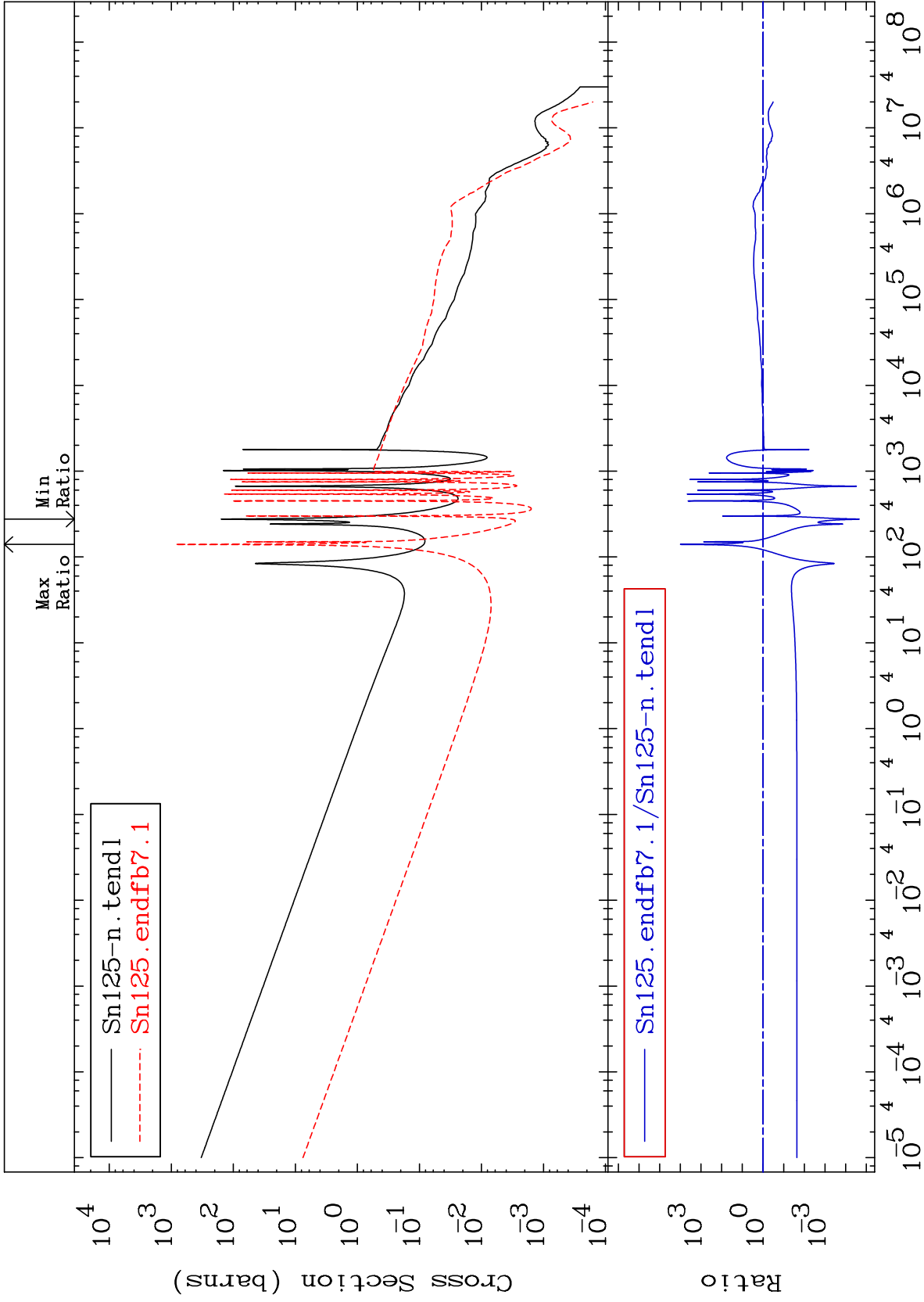
17

Incident Energy (eV)

50-Sn-125

MAT 5064

(n,  $\gamma$ )  
Cross Section  
50-Sn-125  
-100.0 To 9999. %



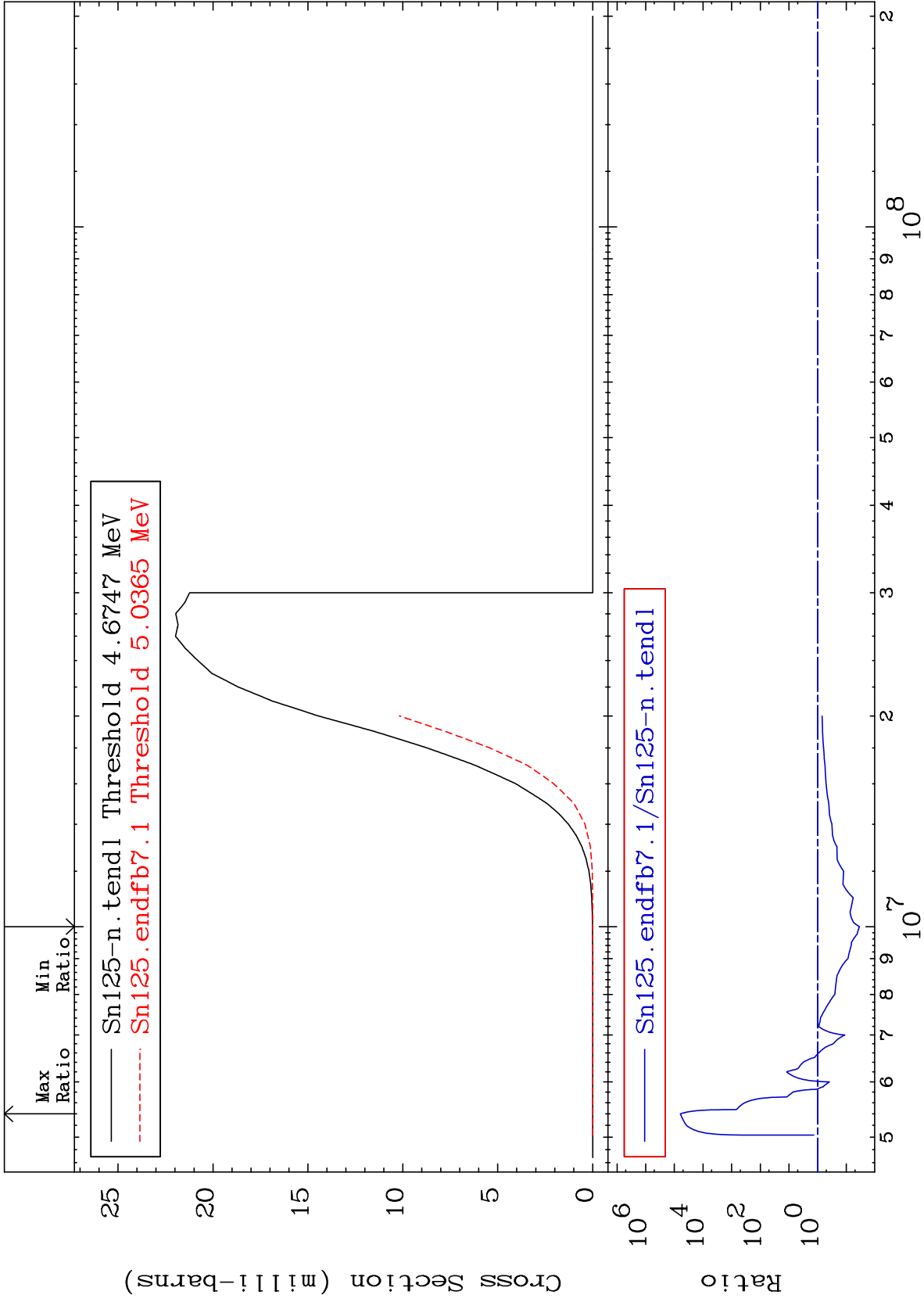
MAT 5064

(n,p)

50-Sn-125

Cross Section

-96.51 To 9999. %



19

Incident Energy (eV)

50-Sn-125

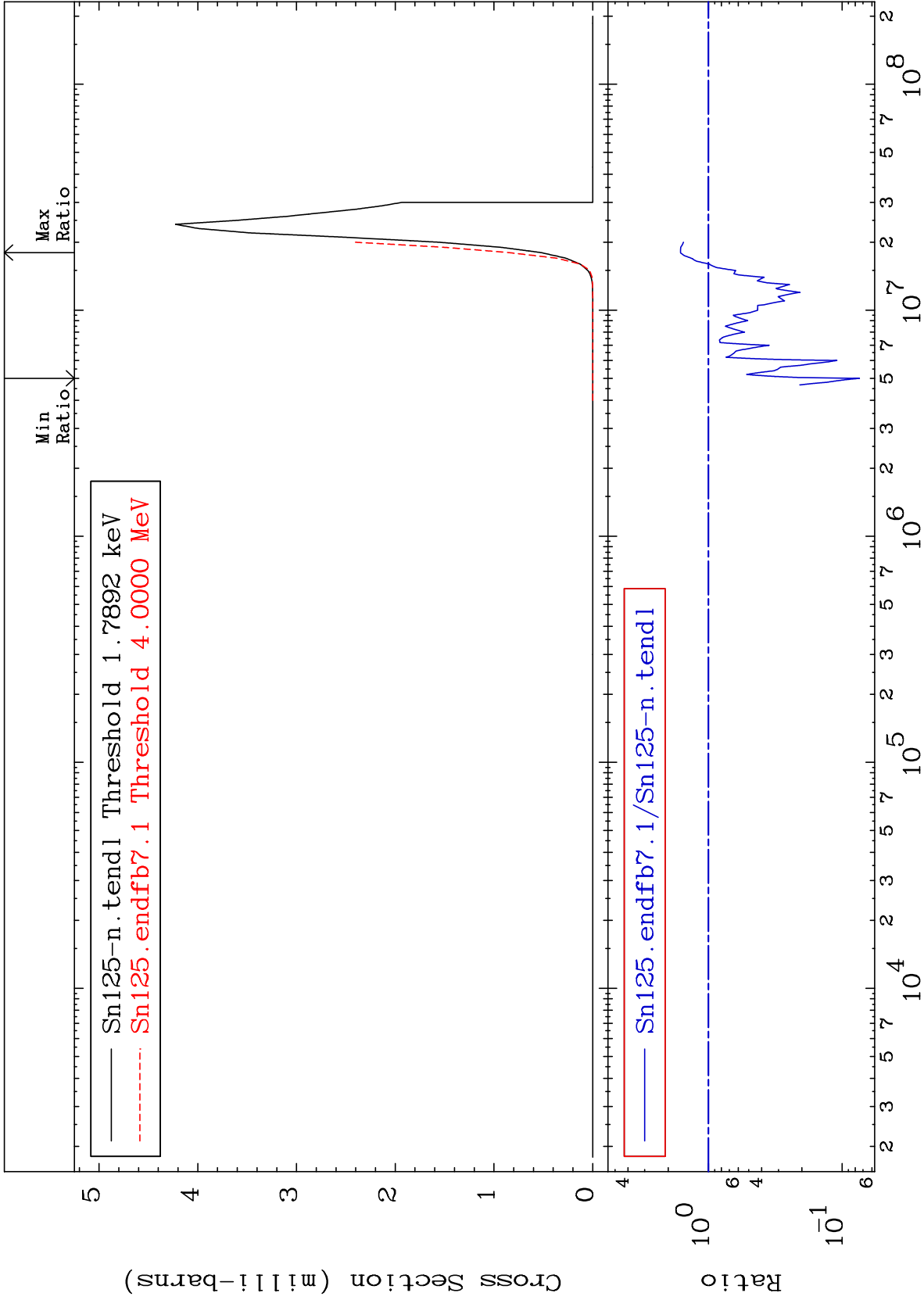
MAT 5064

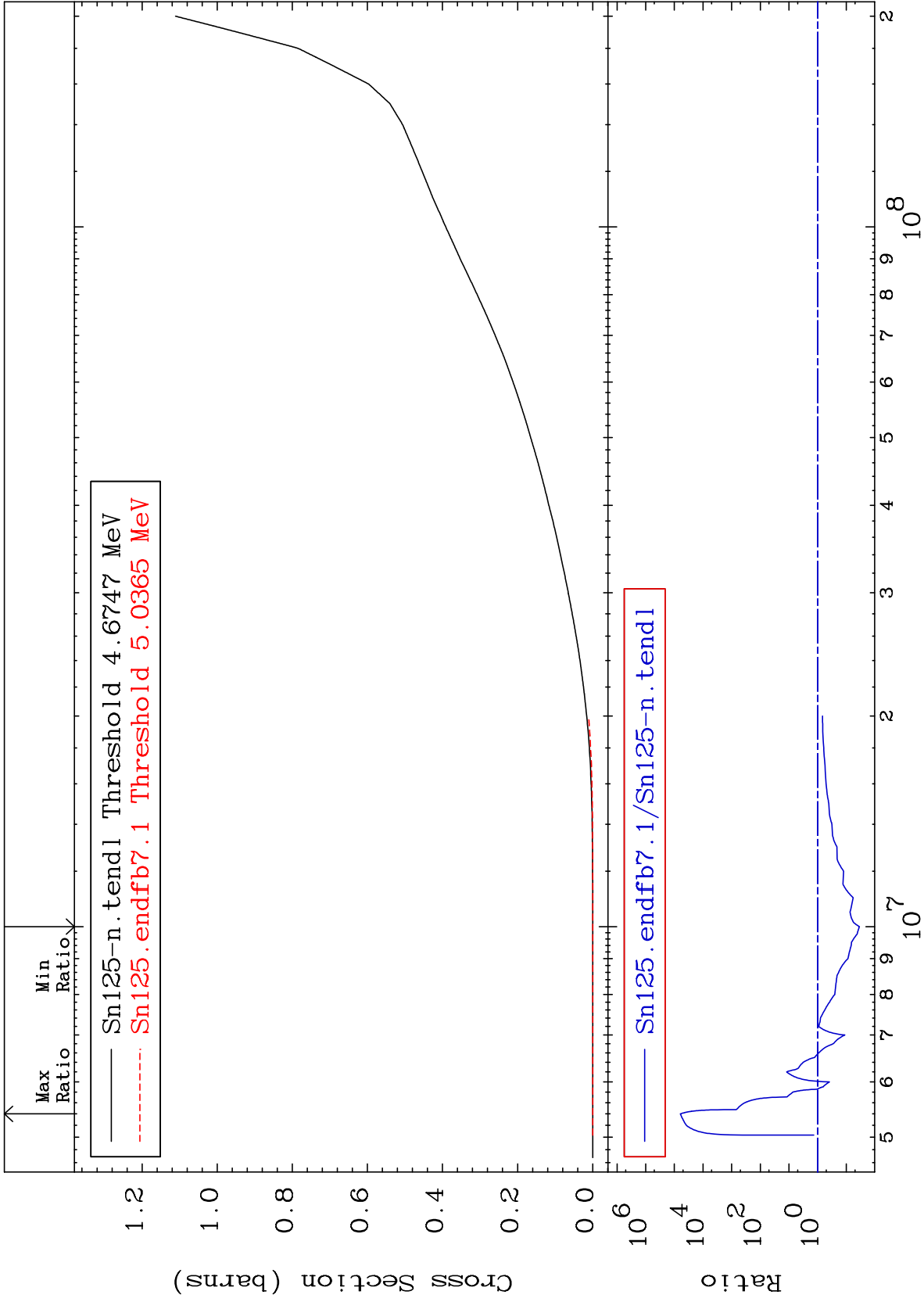
(n,  $\alpha$ )

Cross Section

50-Sn-125

-92.57 To 62.47 %

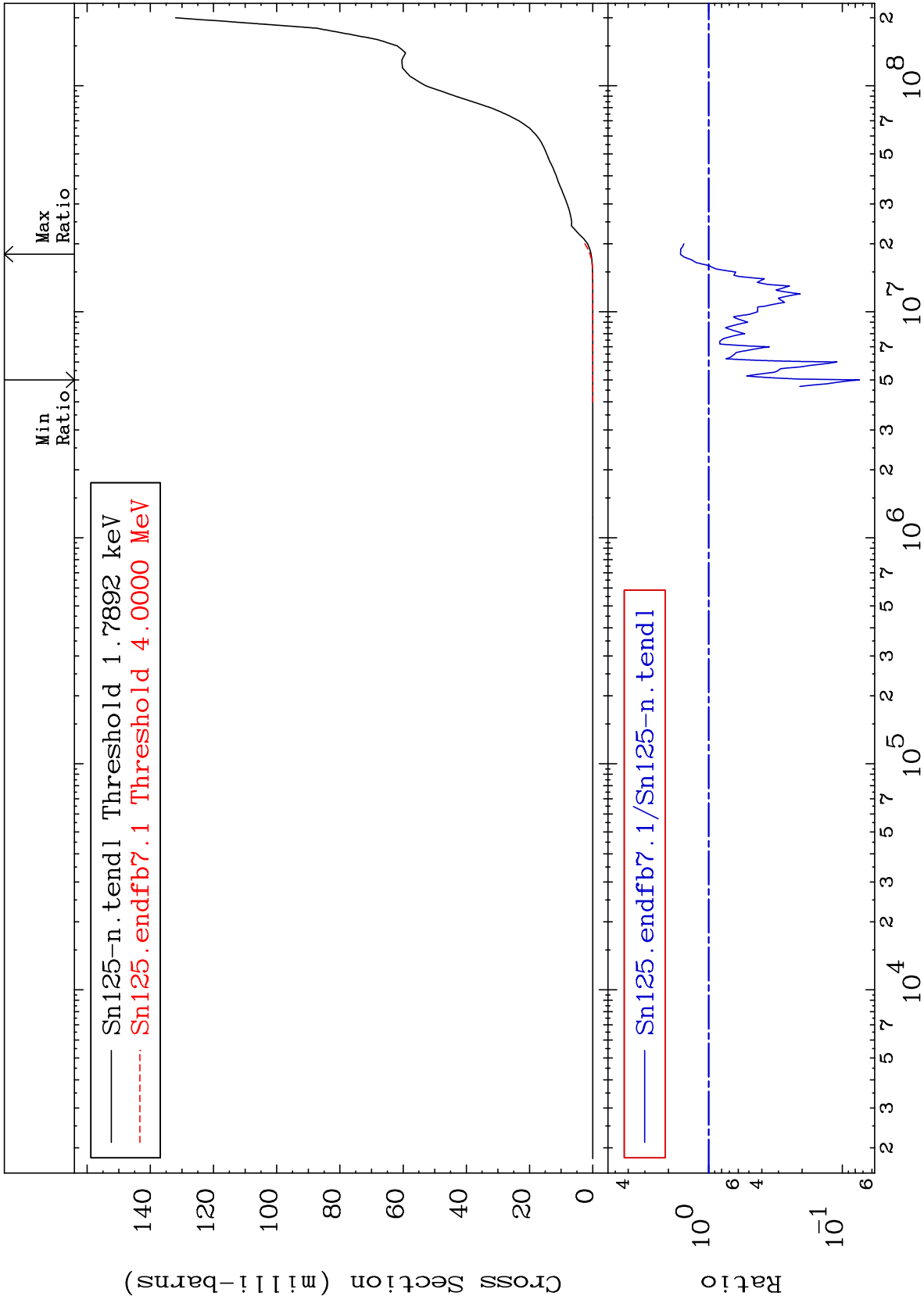




MAT 5064

He-4 Production  
Cross Section

50-Sn-125  
-92.57 To 62.86 %

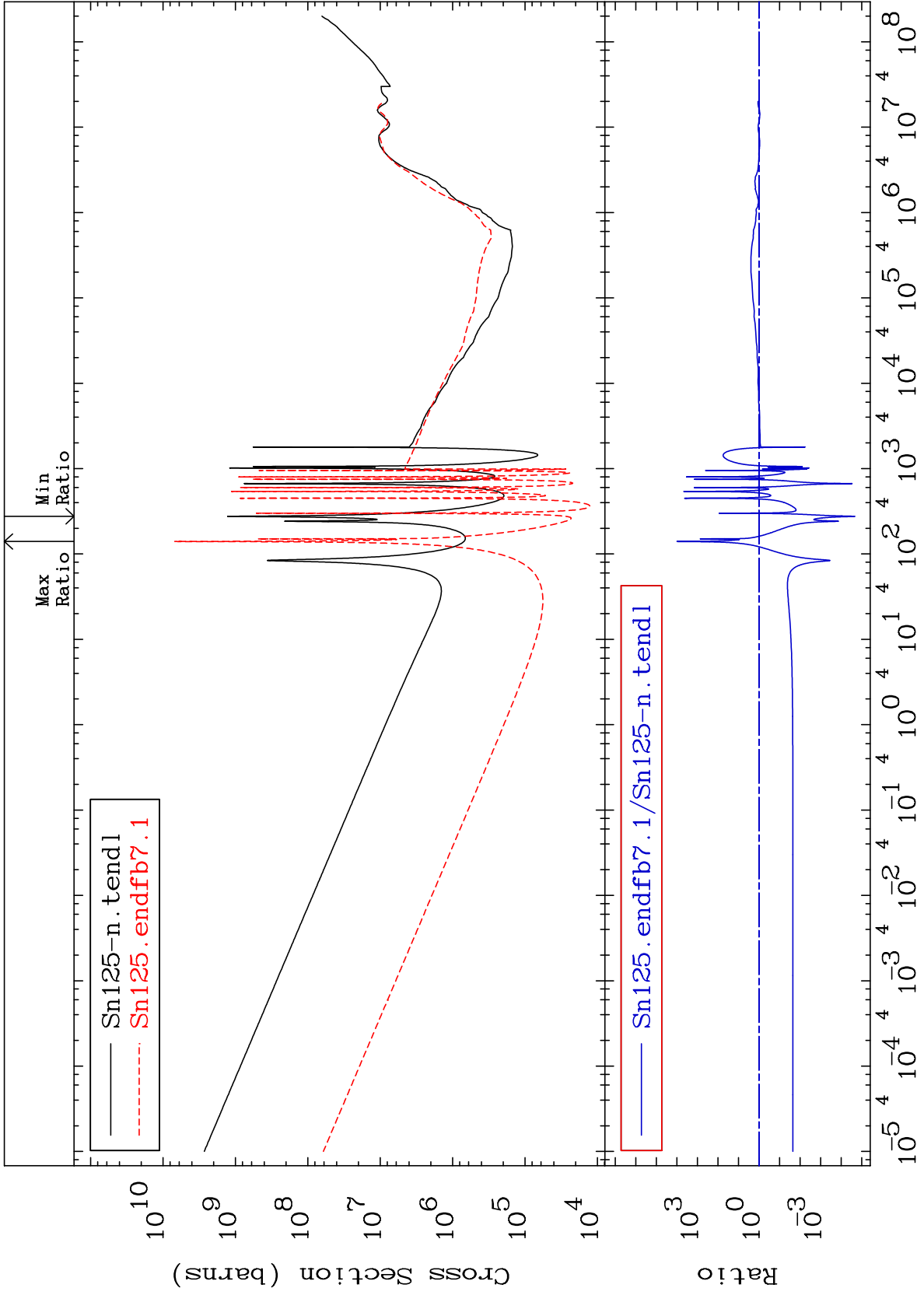


MAT 5064

Kerma total (eV-barns)

50-Sn-125

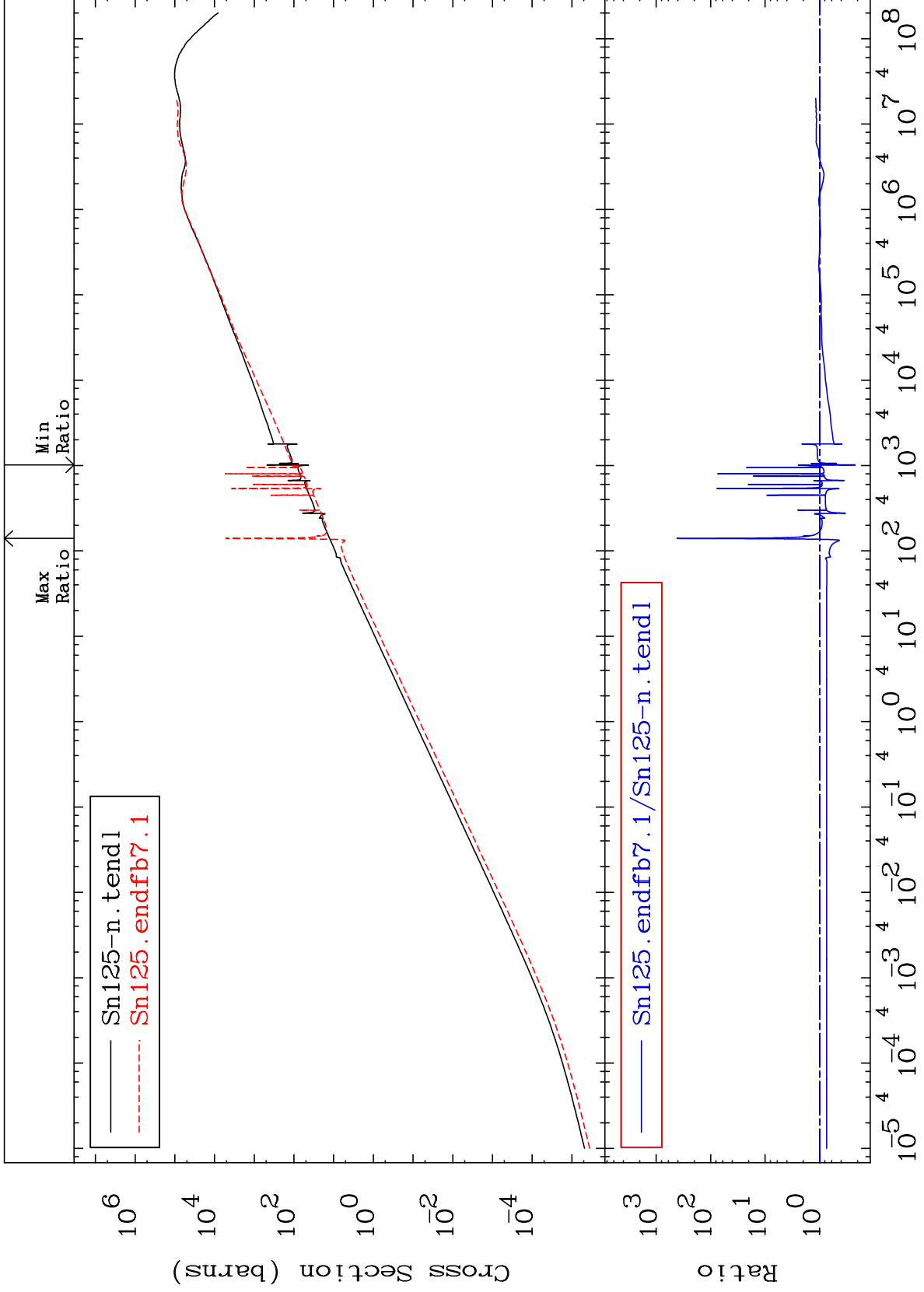
-100.0 To 9999. %



MAT 5064

Kerma elastic  
Cross Section

50-Sn-125  
-77.75 To 9999. %

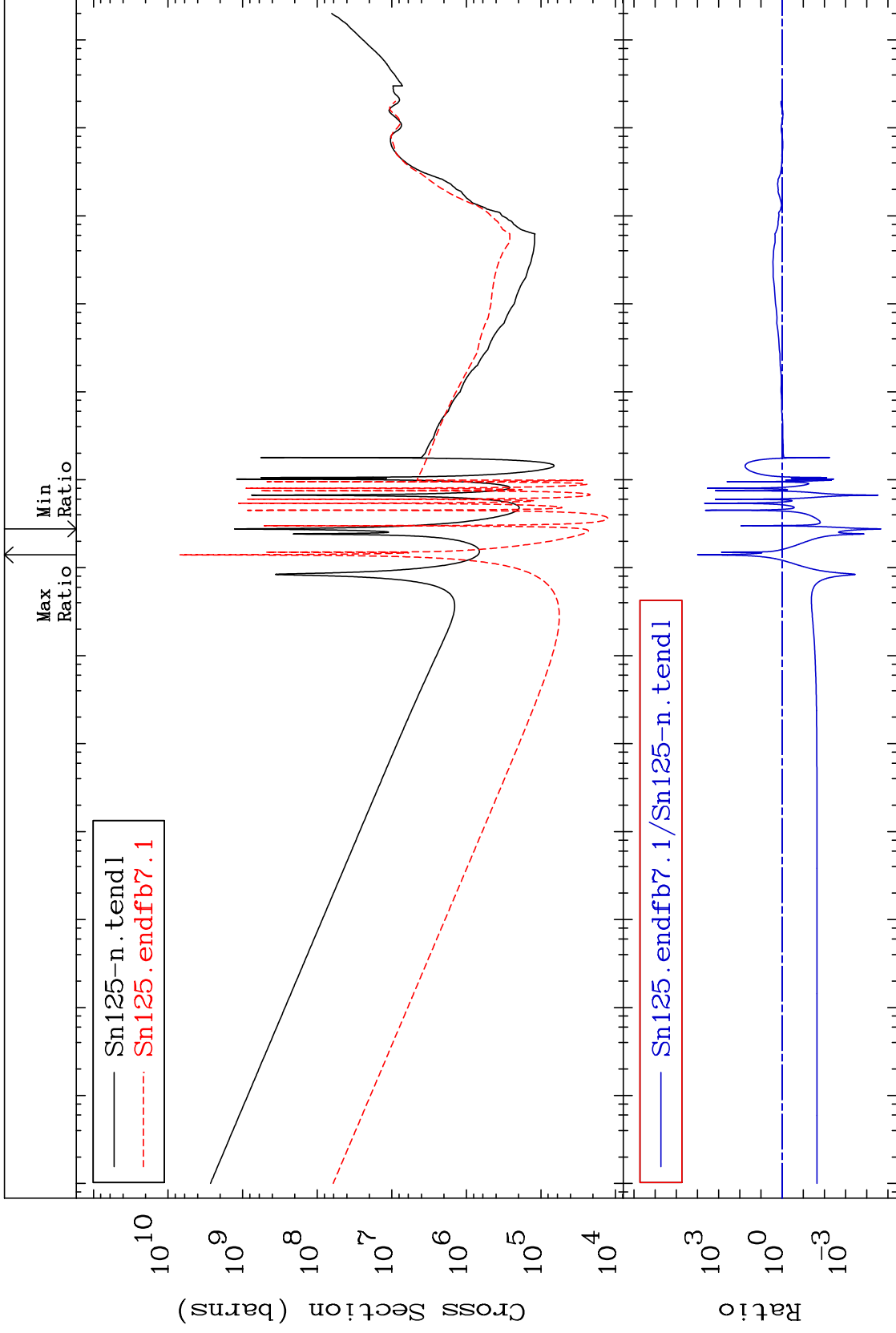


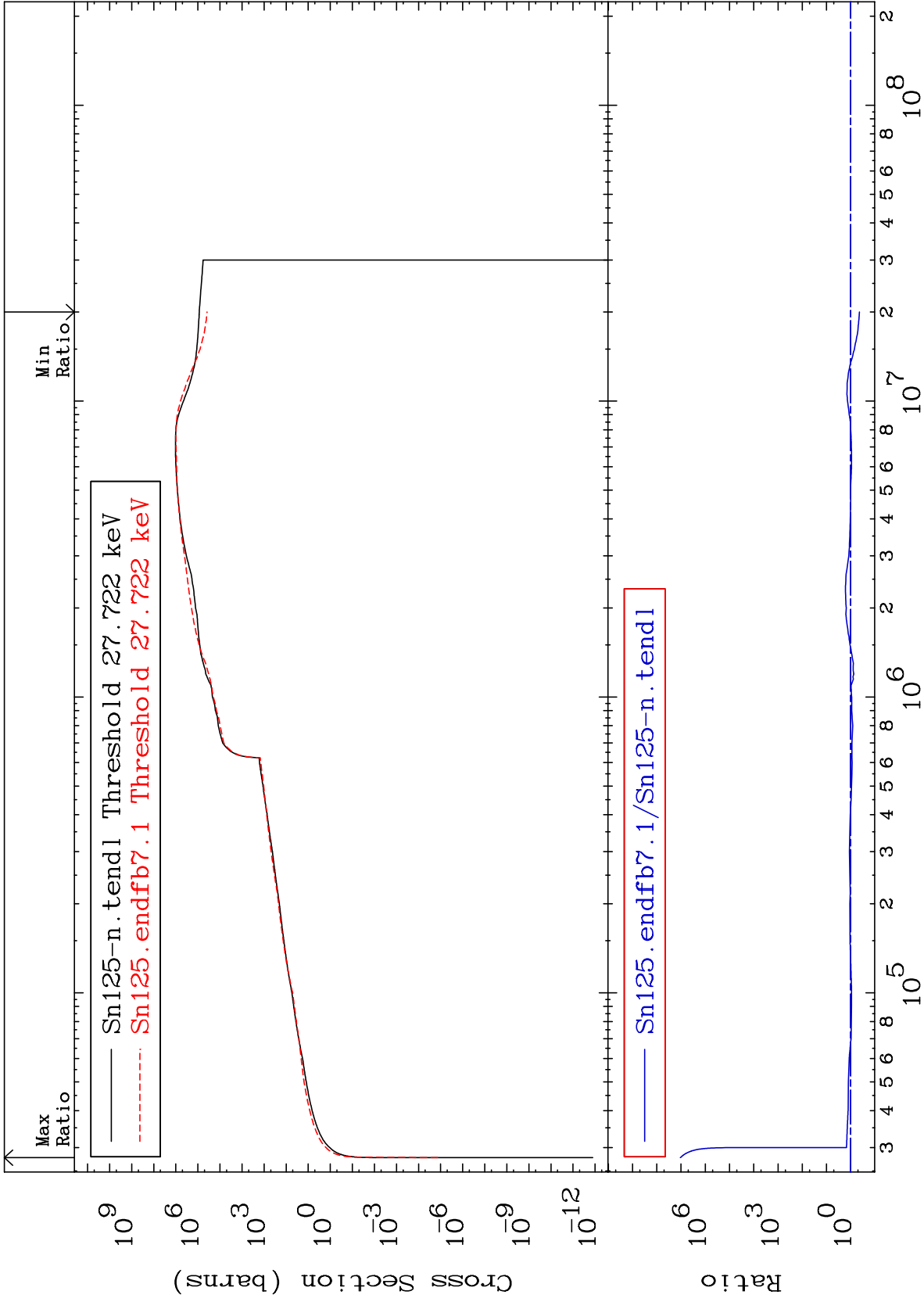


MAT 5064

Kerma non-elastic (all but mt2)  
Cross Section

50-Sn-125  
-100.0 To 9999. %

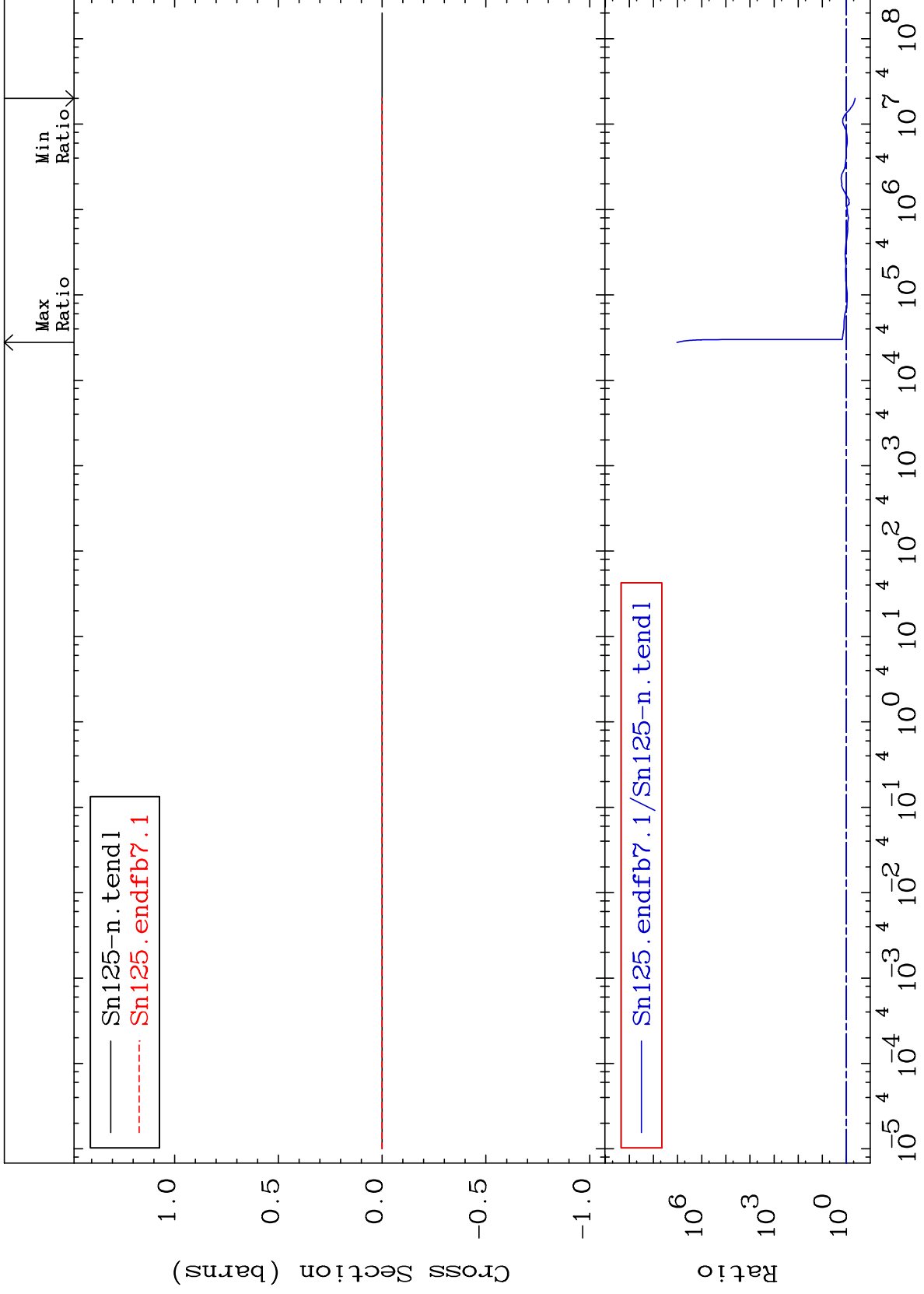




MAT 5064

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

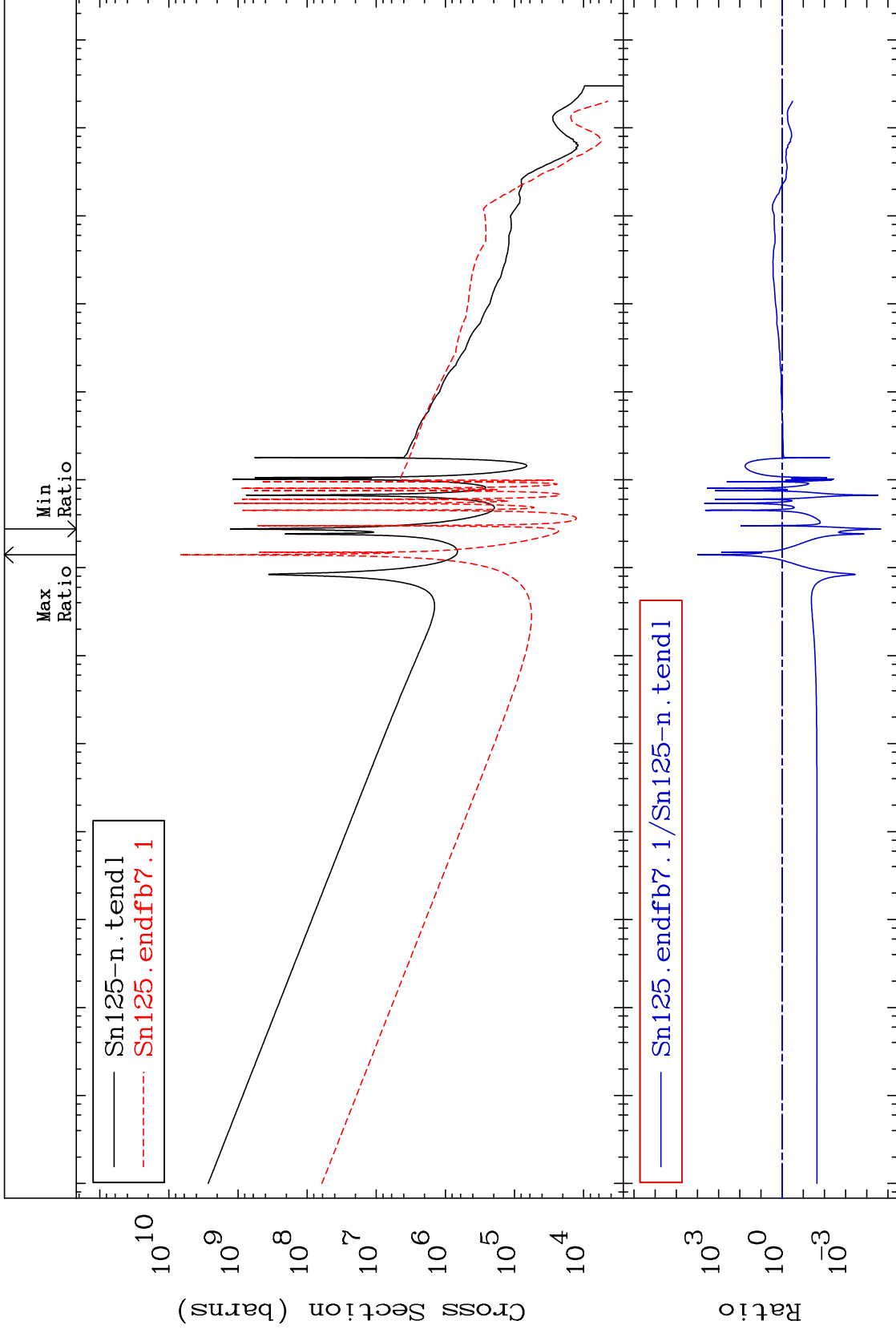
50-Sn-125  
-56.14 To 9999. %



MAT 5064

Kerma capture (mt102)  
Cross Section

50-Sn-125  
-100.0 To 9999. %

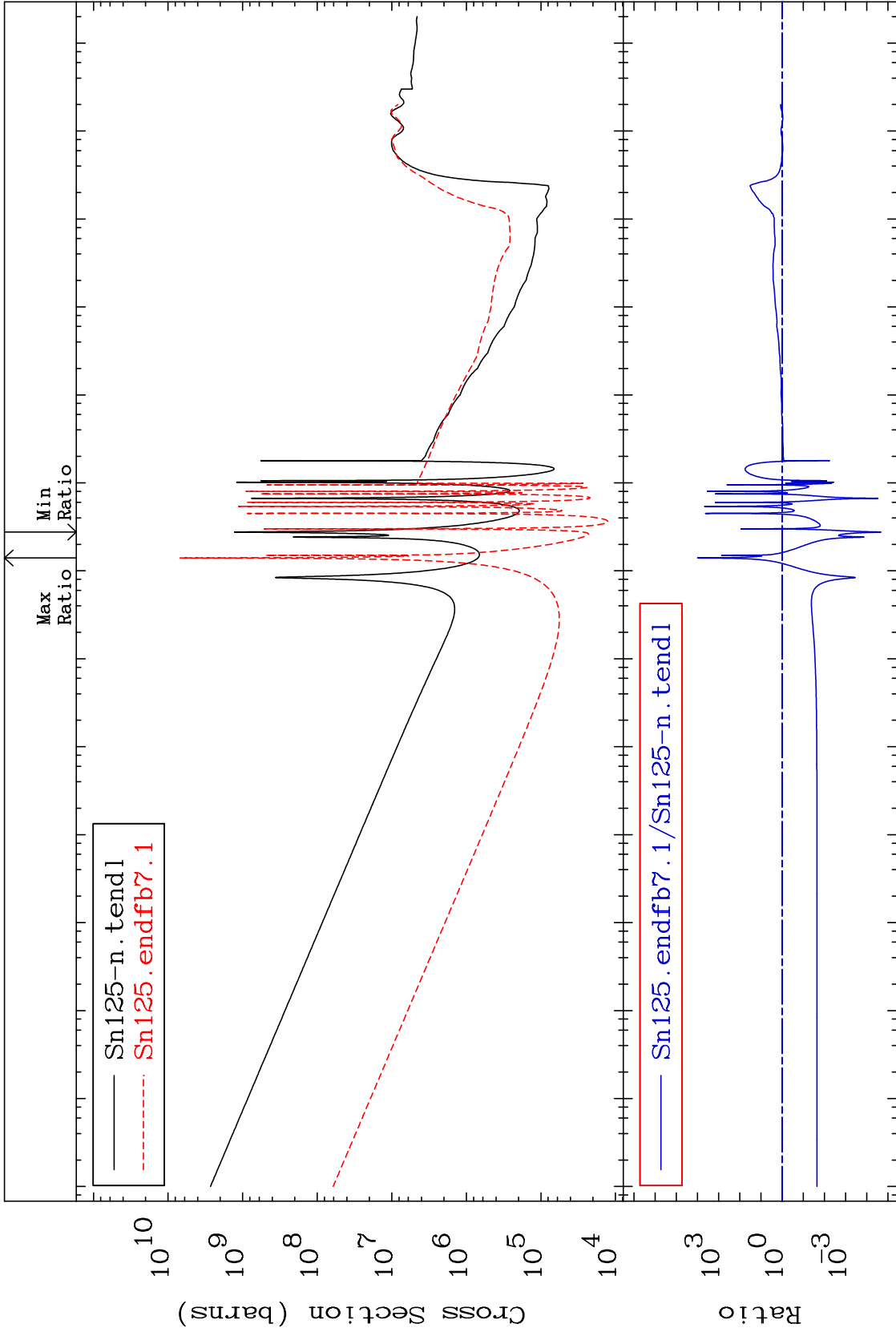


MAT 5064

Total photon (eV-barns)

50-Sn-125

-100.0 To 9999. %

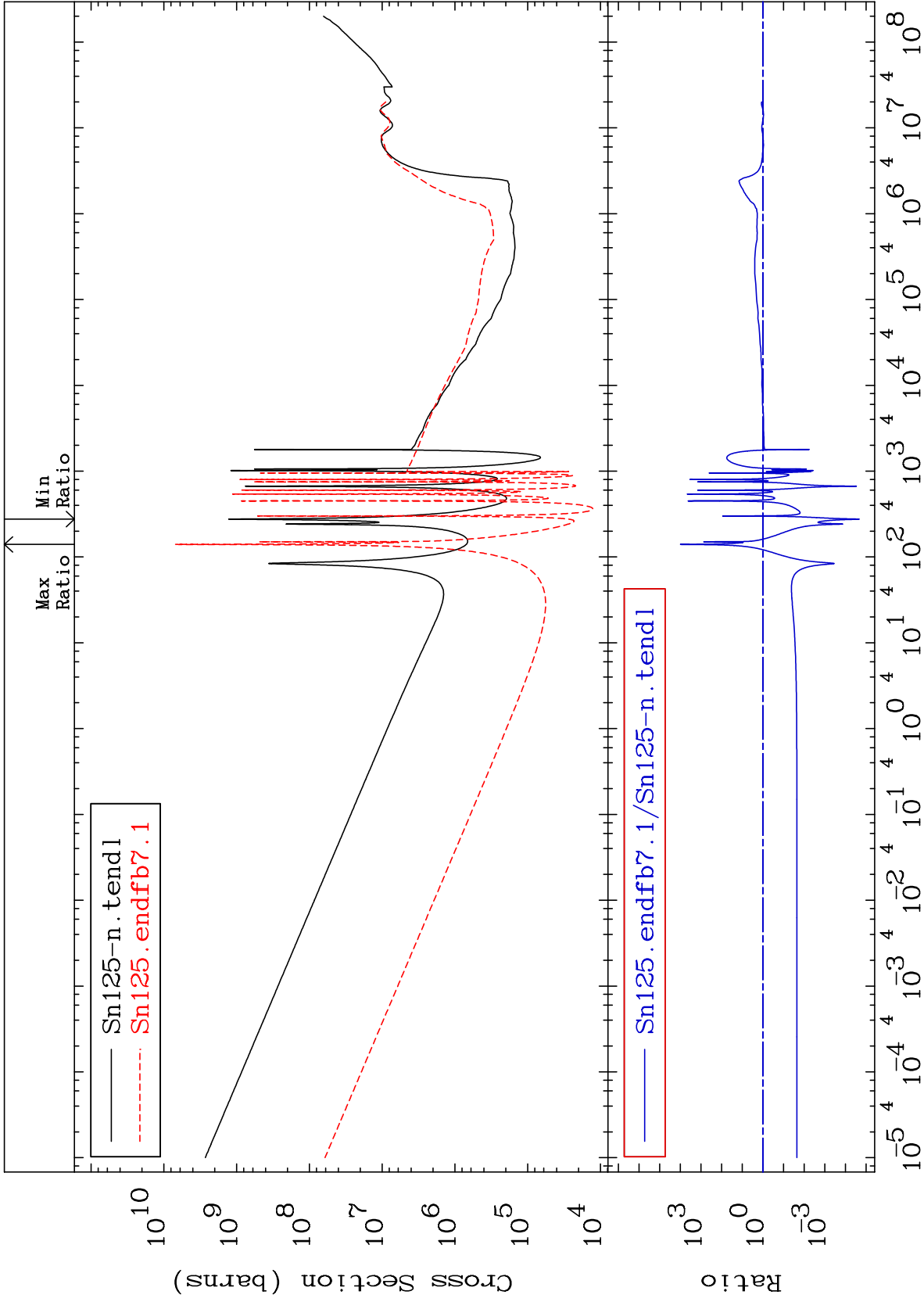


MAT 5064

Total kinematic kerma (high limit)

50-Sn-125

-100.0 To 9999. %

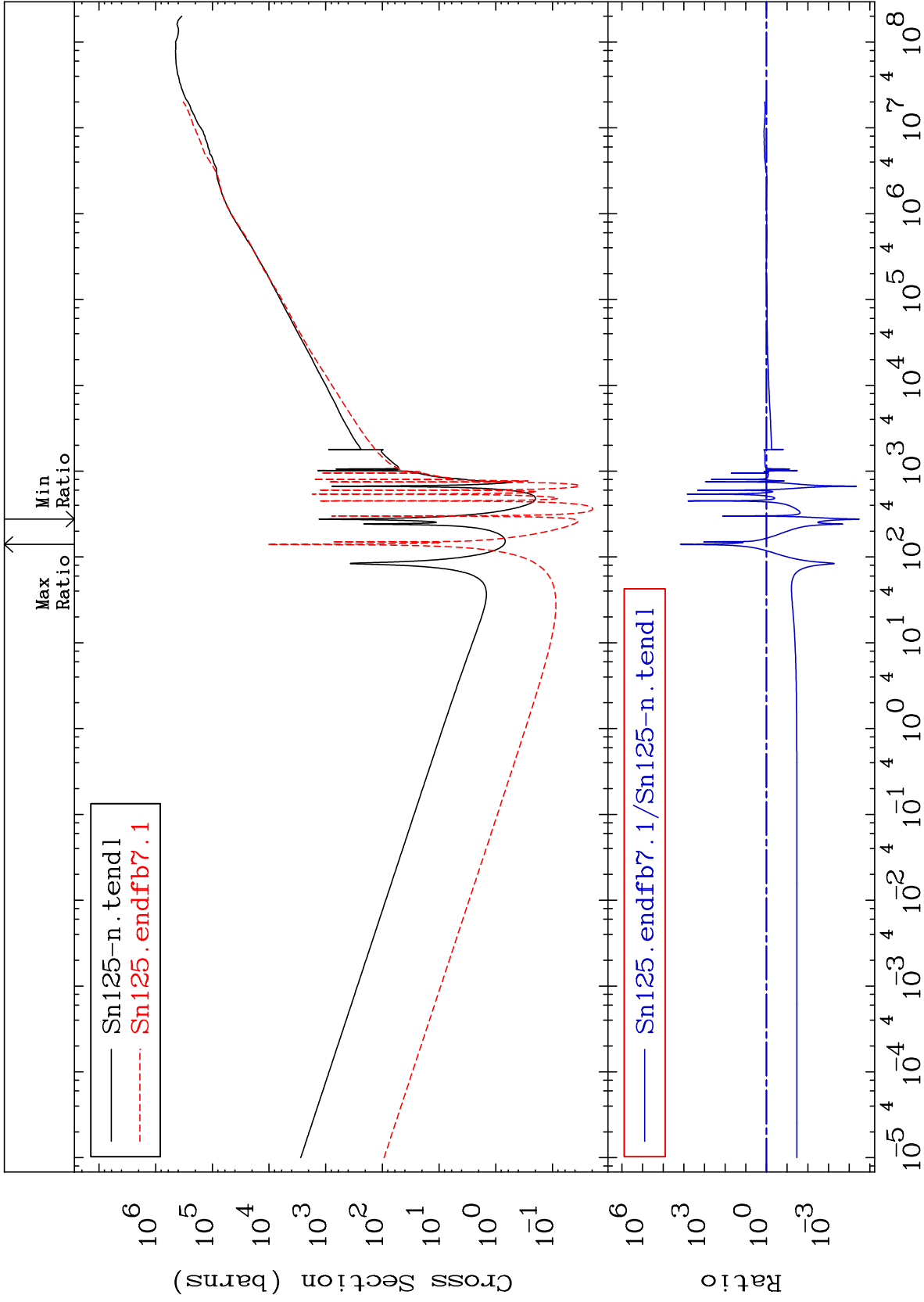


MAT 5064

Dpa total (eV-barns)

50-Sn-125

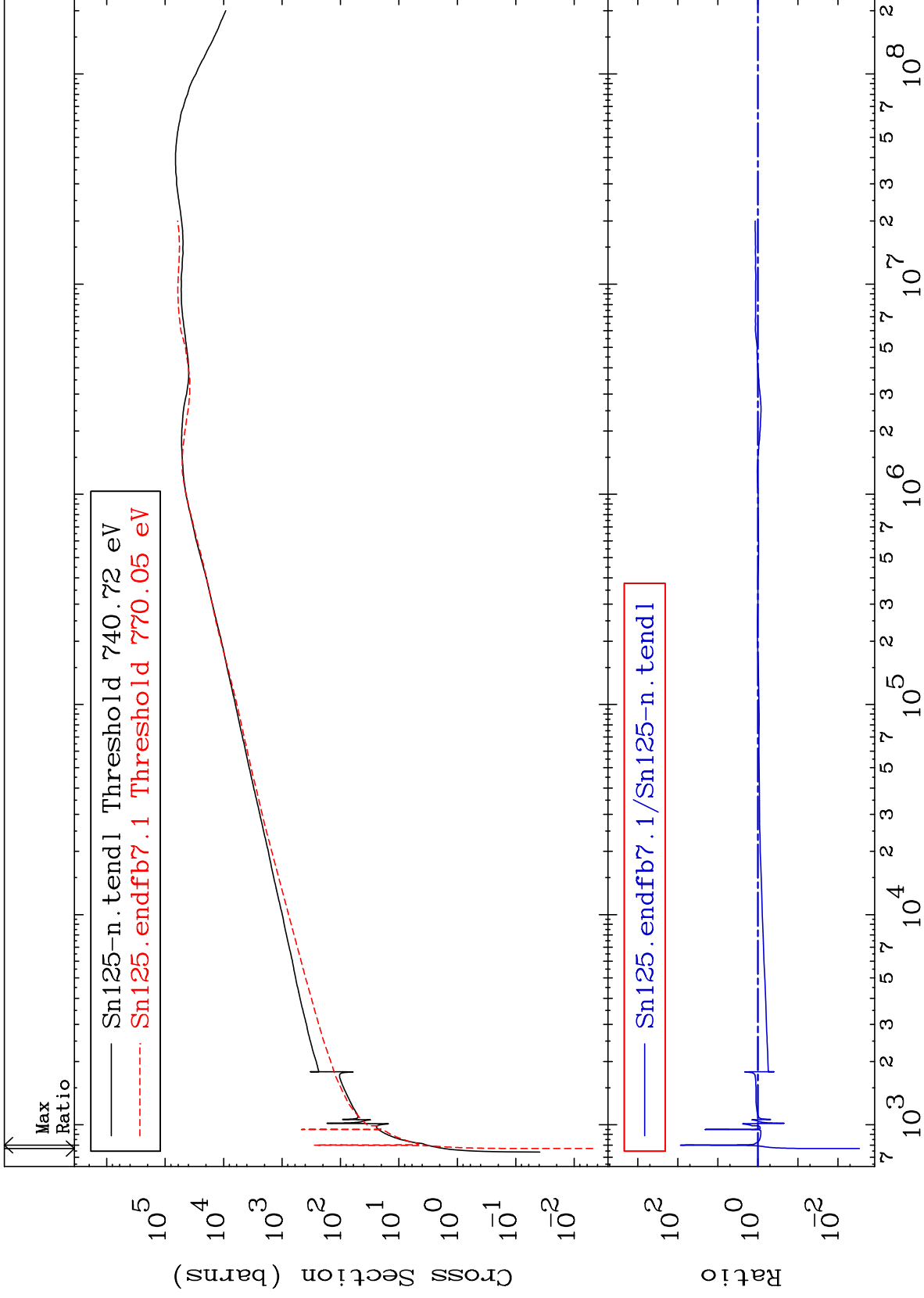
-100.0 To 9999. %



MAT 5064

Dpa elastic (mt2)  
Cross Section

50-Sn-125  
-99.71 To 8518. %

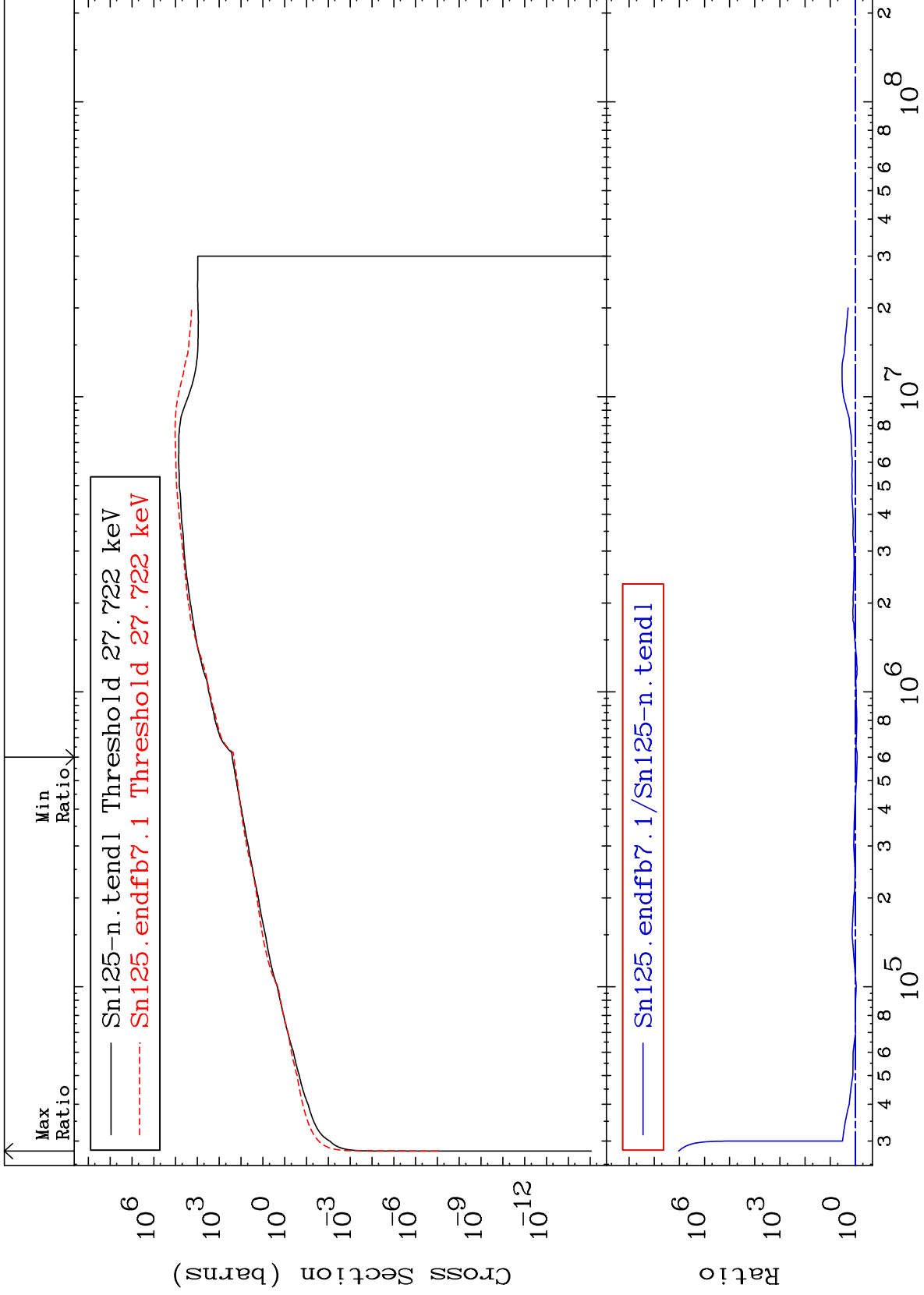




MAT 5064

Dpa inelastic (mt51-91)  
Cross Section

50-Sn-125  
-15.82 To 9999. %



MAT 5064

Dpa disappearance (mt102 -120)  
Cross Section

50-Sn-125  
-100.0 To 9999. %

