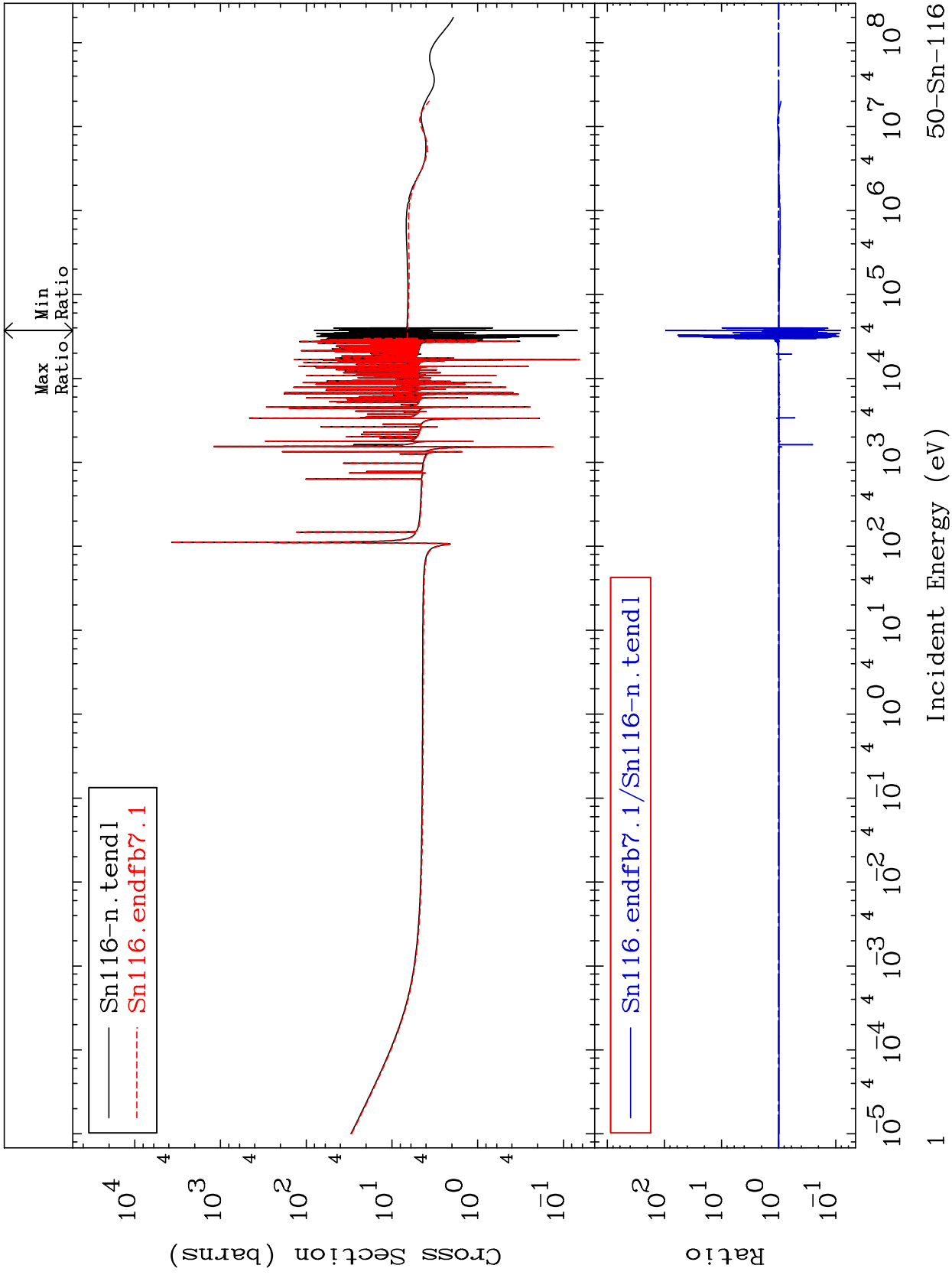


MAT 5037

Total  
Cross Section

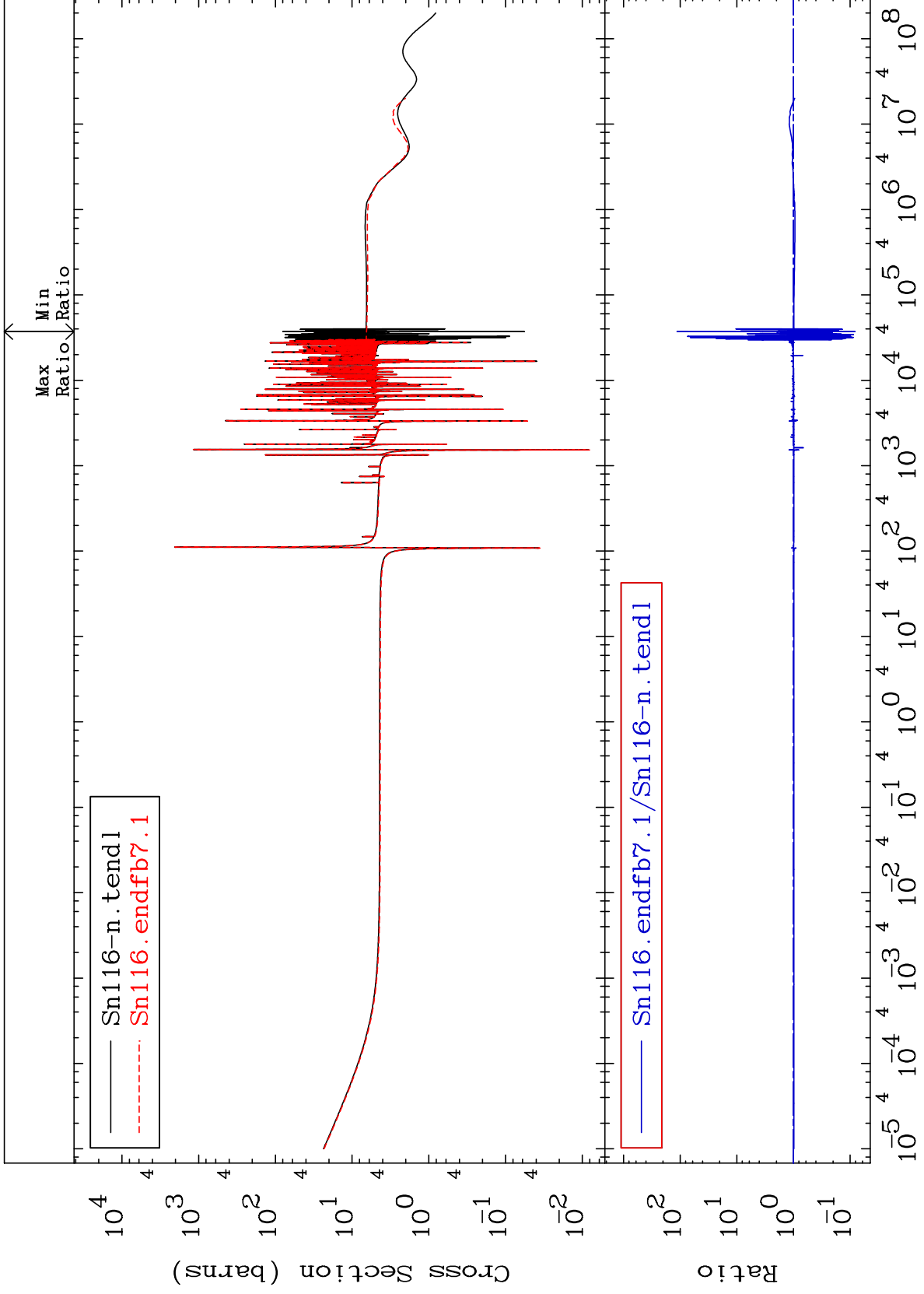
50-Sn-116  
-91.82 To 9497. %



MAT 5037

Elastic  
Cross Section

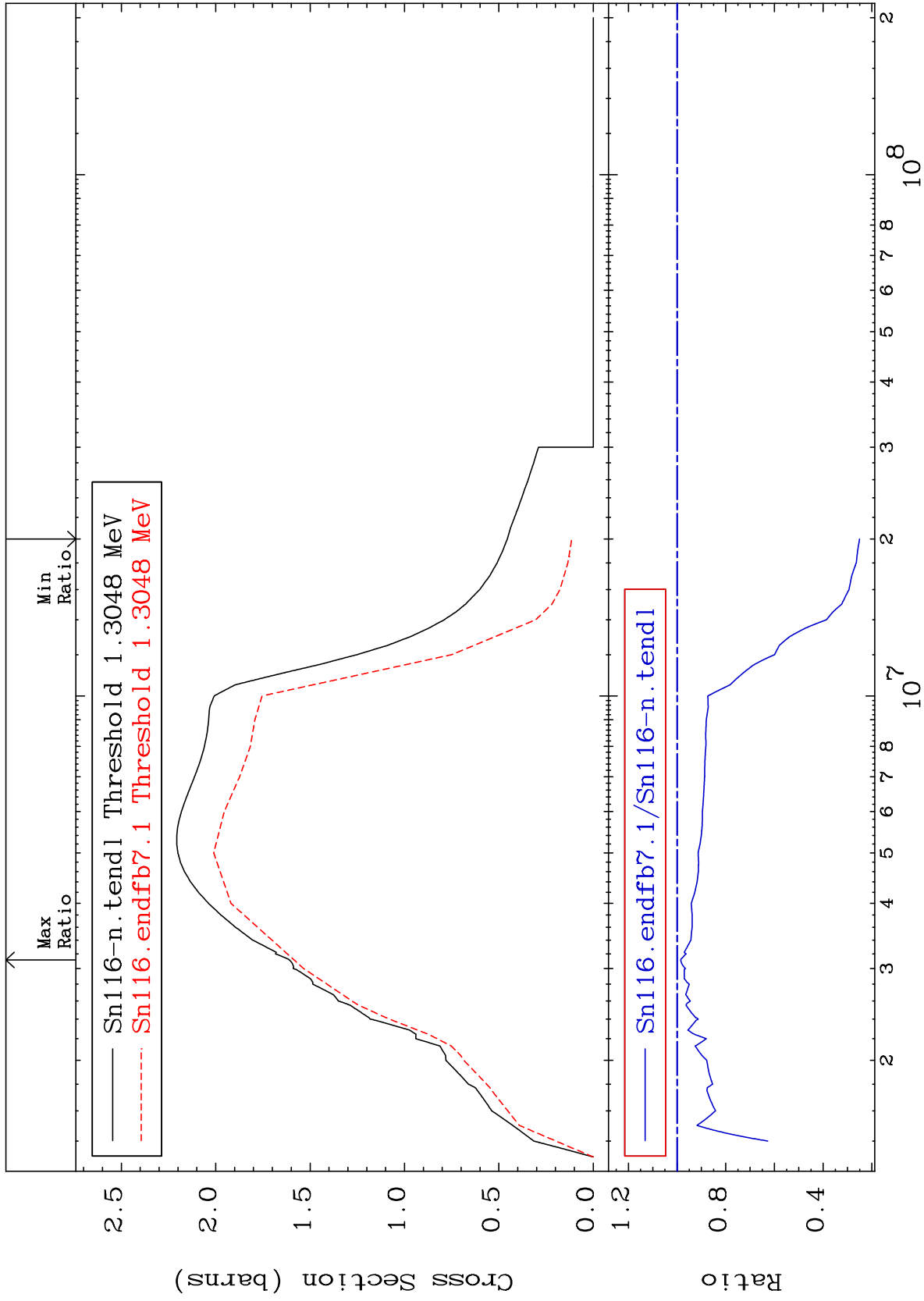
50-Sn-116  
-91.85 To 9999. %



MAT 5037

Inelastic  
Cross Section

50-Sn-116  
-74.95 To -1.513%



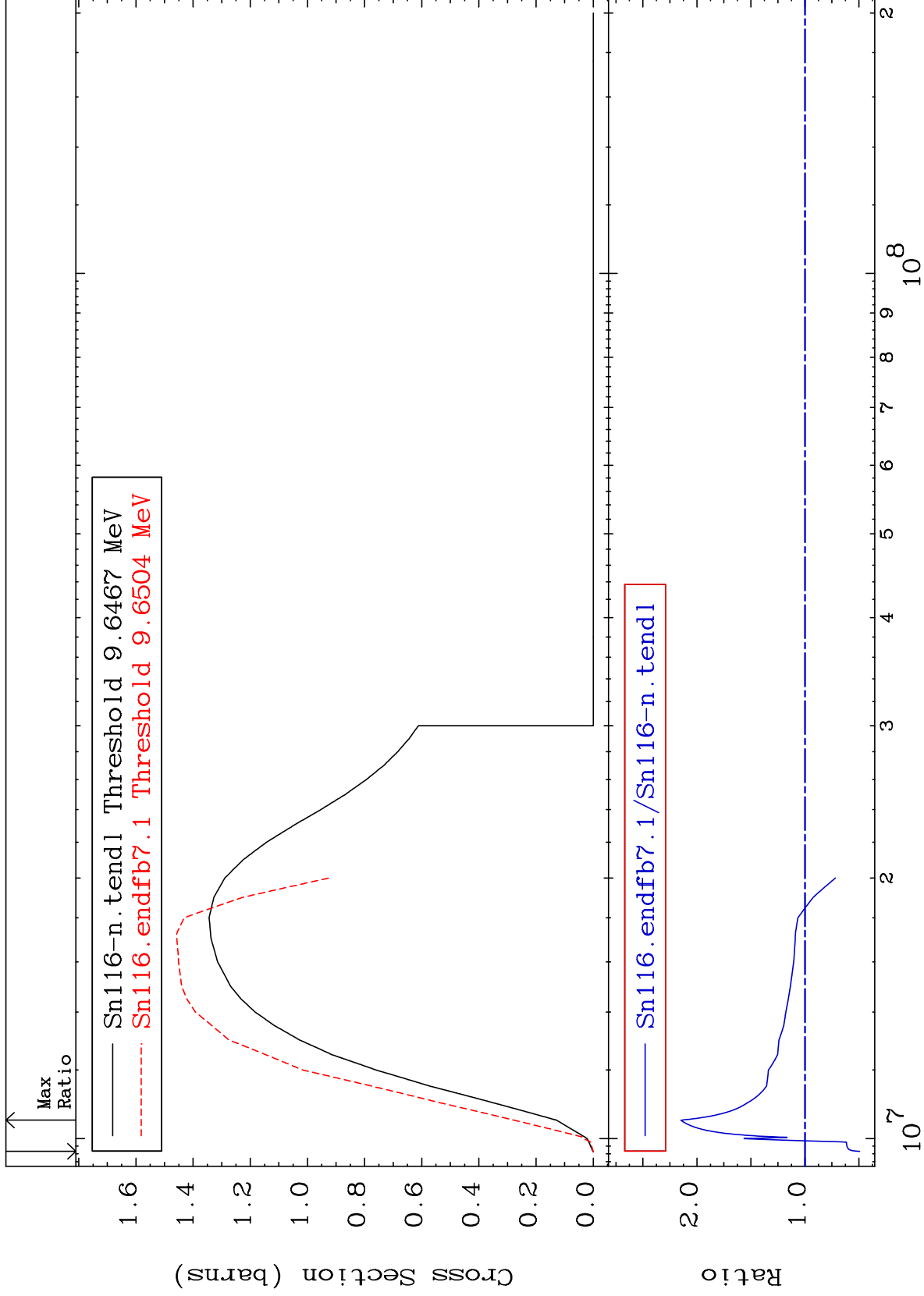
MAT 5037

(n,2n)

50-Sn-116

Cross Section

-50.56 To 114.9 %



50-Sn-116

4

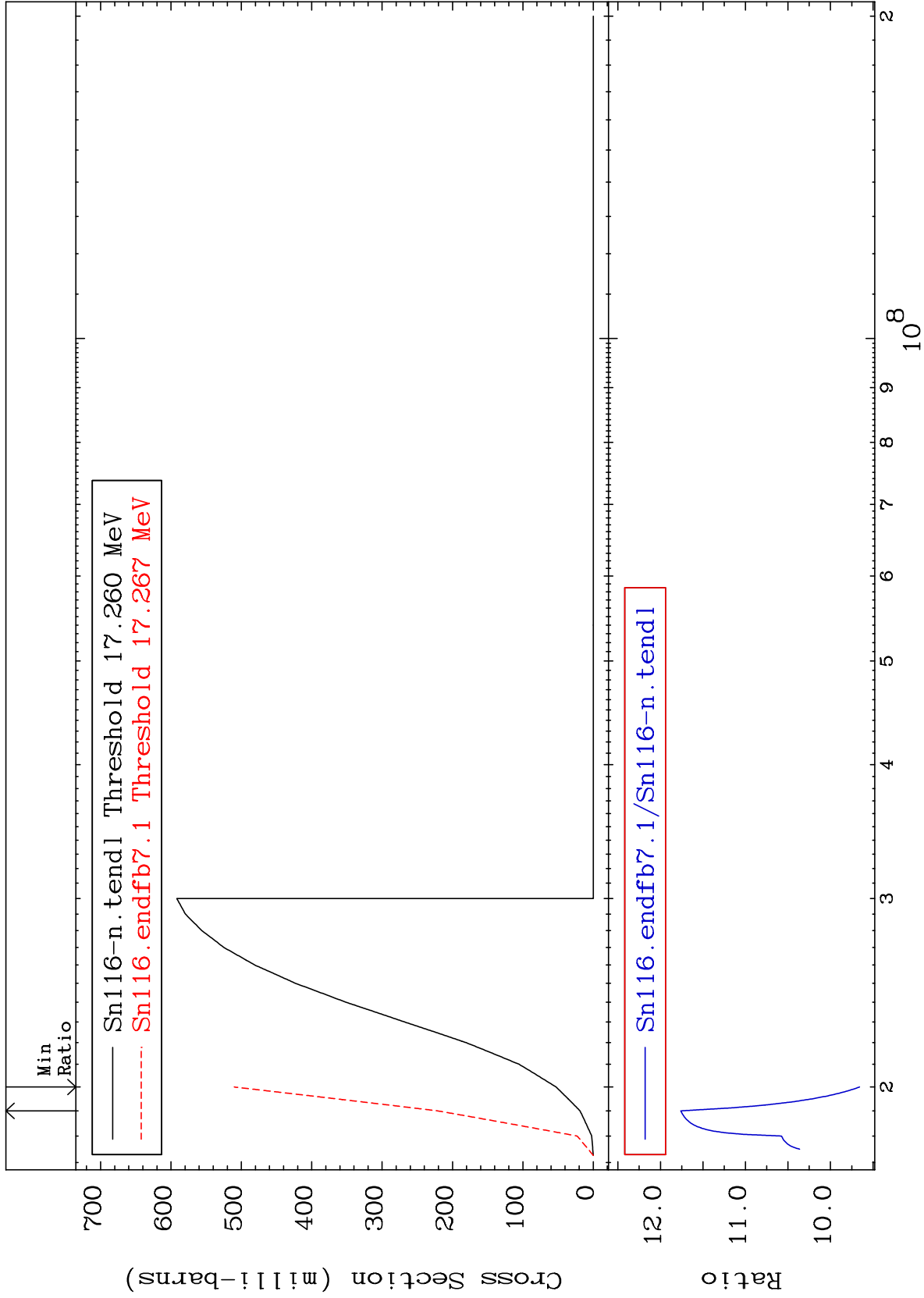
MAT 5037

(n,3n)

50-Sn-116

Cross Section

865.8 To 1076. %



5

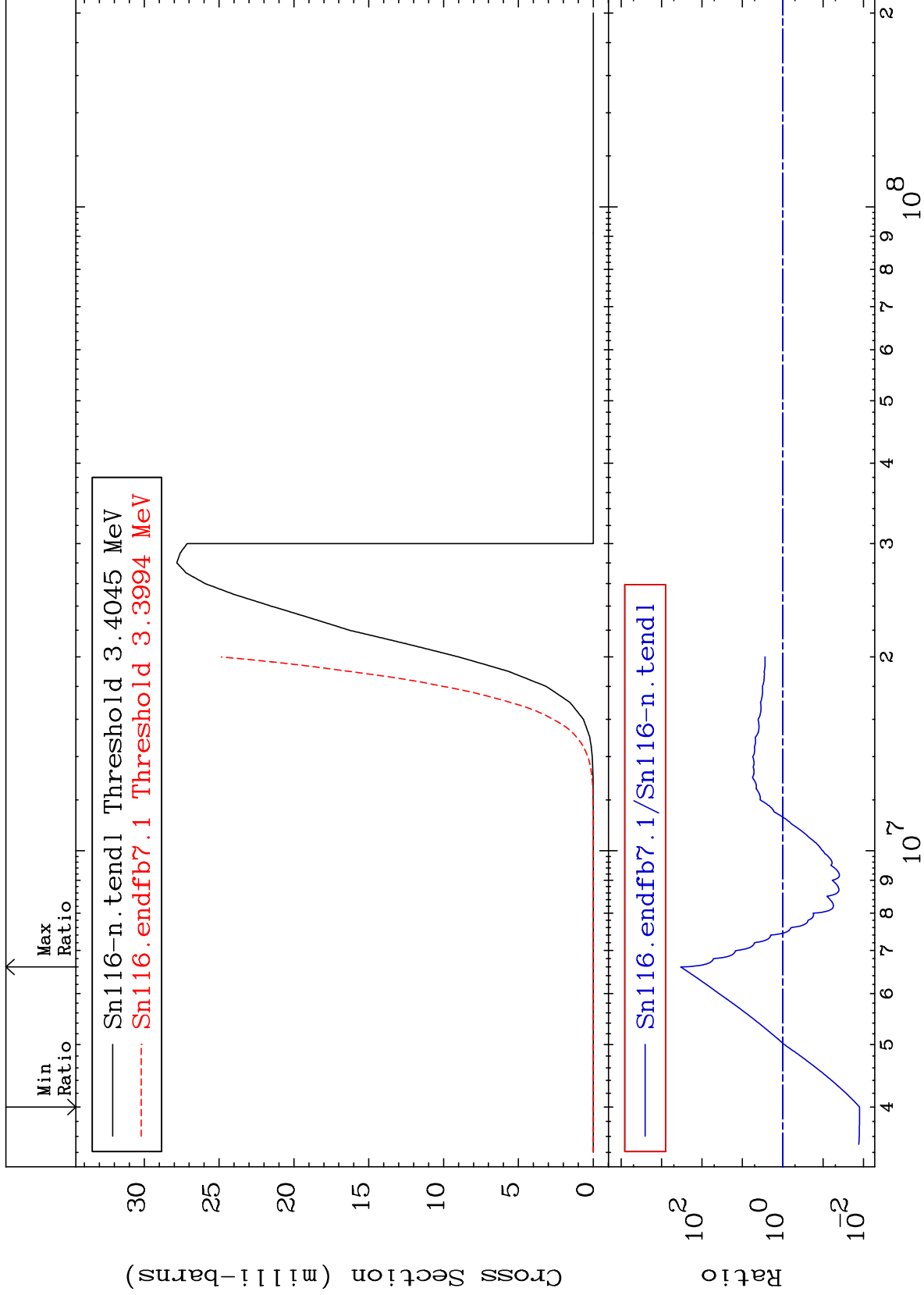
Incident Energy (eV)

50-Sn-116

MAT 5037

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

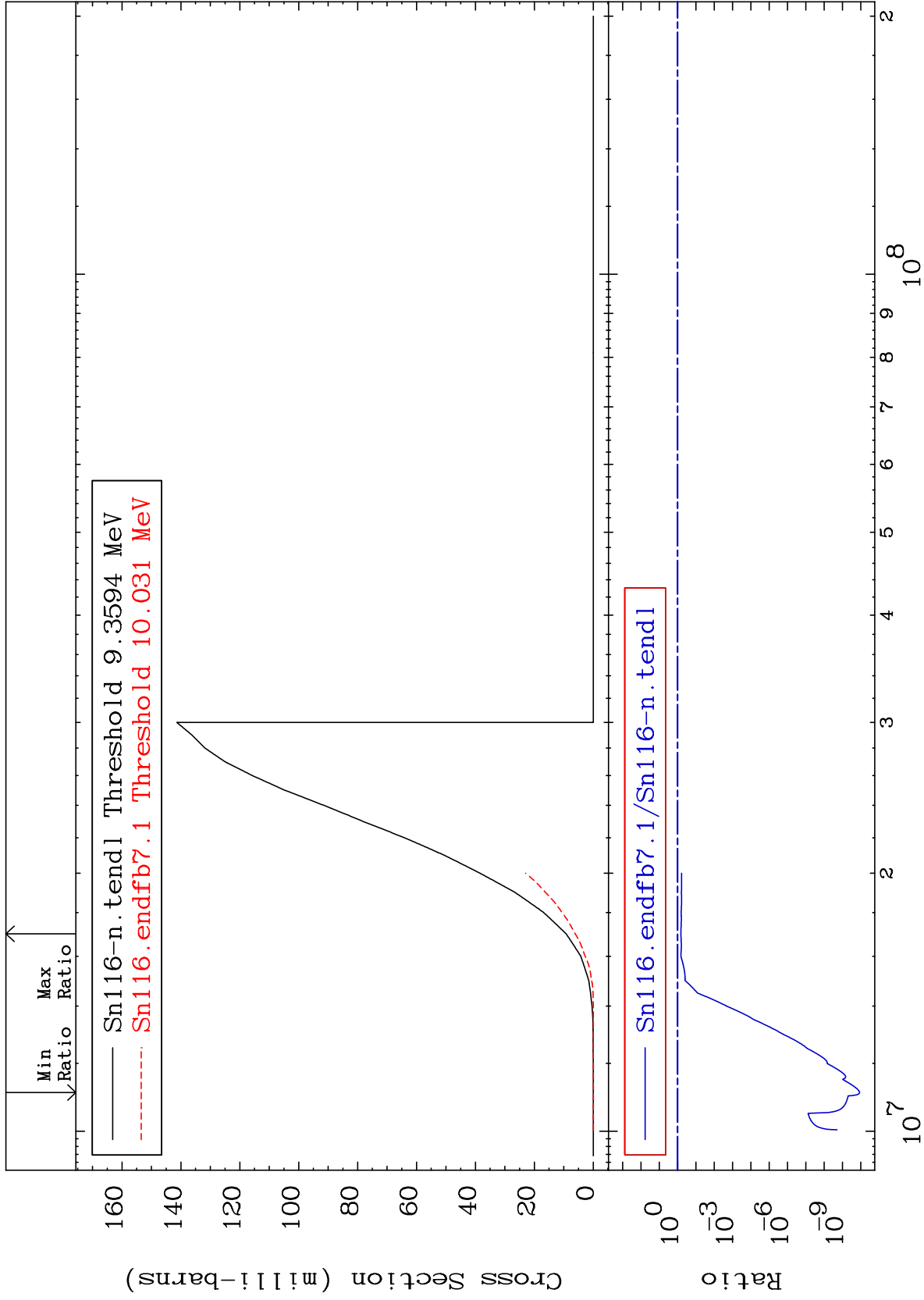
50-Sn-116  
-98.74 To 9999. %



MAT 5037

(n,n') p  
Cross Section

50-Sn-116  
-100.0 To -33.66%



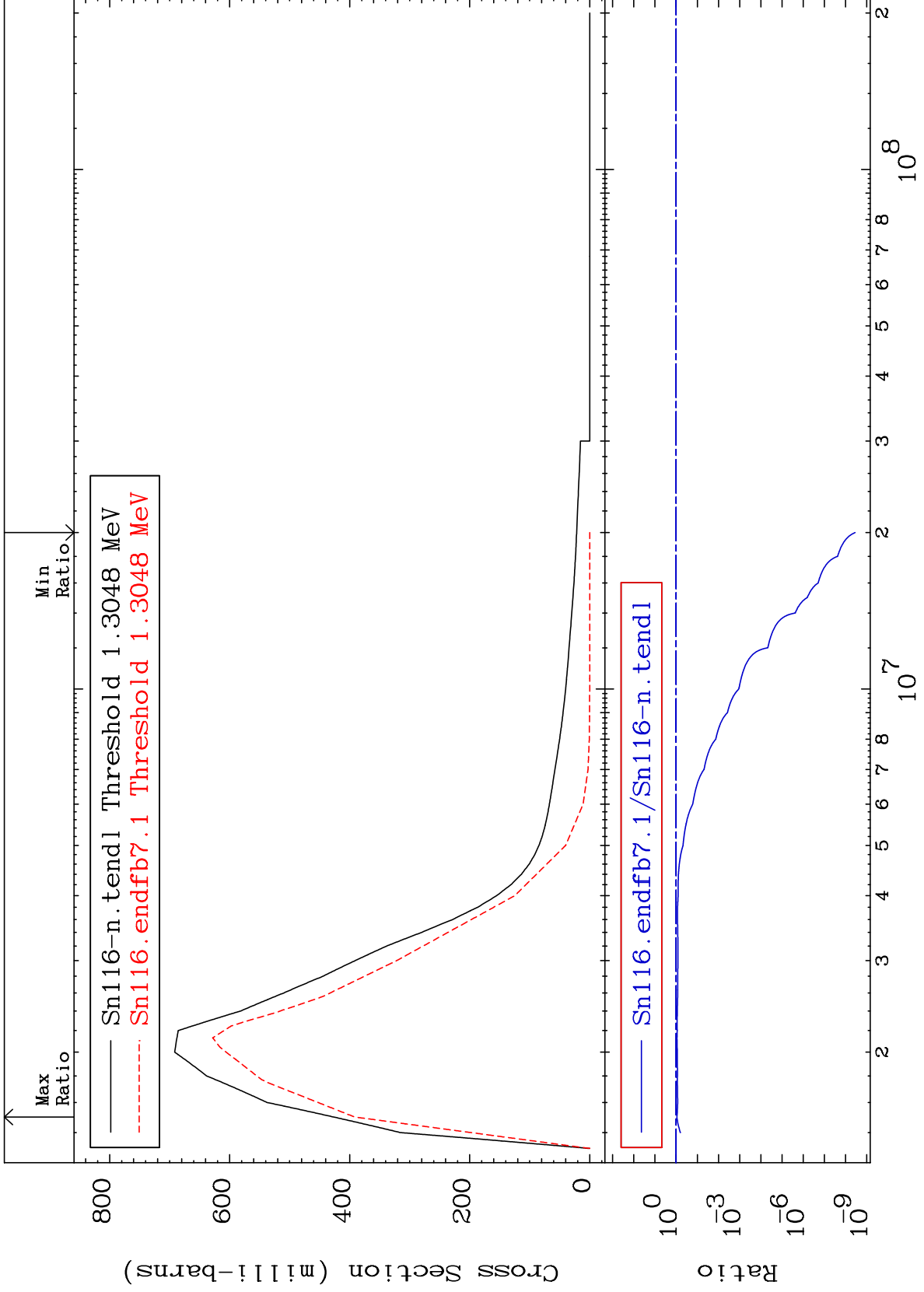
Incident Energy (eV)

50-Sn-116

MAT 5037

1.294 MeV (n,n') Level  
Cross Section

50-Sn-116  
-100.0 To -8.189%

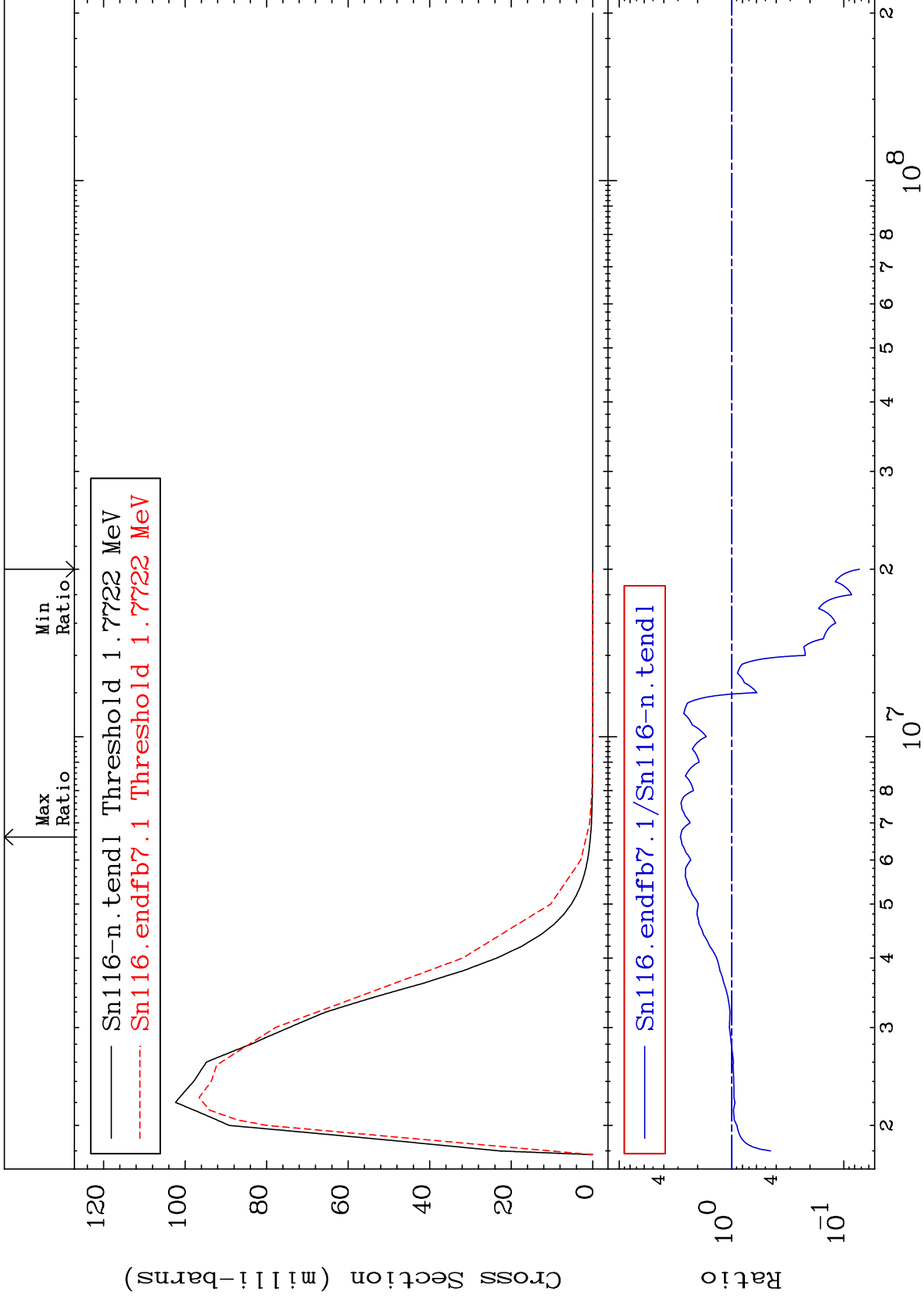




MAT 5037

1.757 MeV (n,n') Level  
Cross Section

50-Sn-116  
-92.74 To 185.5 %



9

Incident Energy (eV)

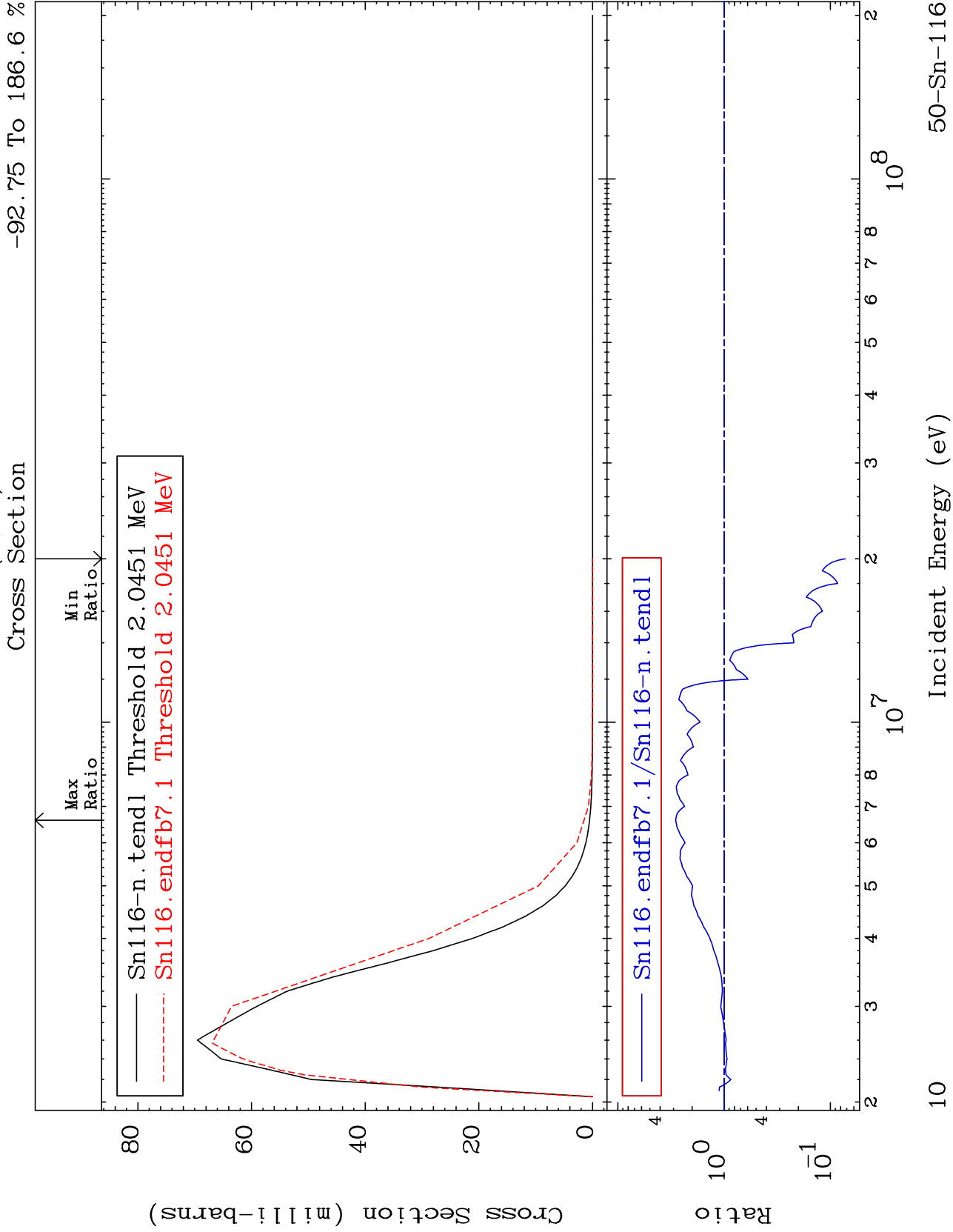
50-Sn-116

MAT 5037

2.027 MeV (n,n') Level

50-Sn-116

-92.75 To 186.6 %



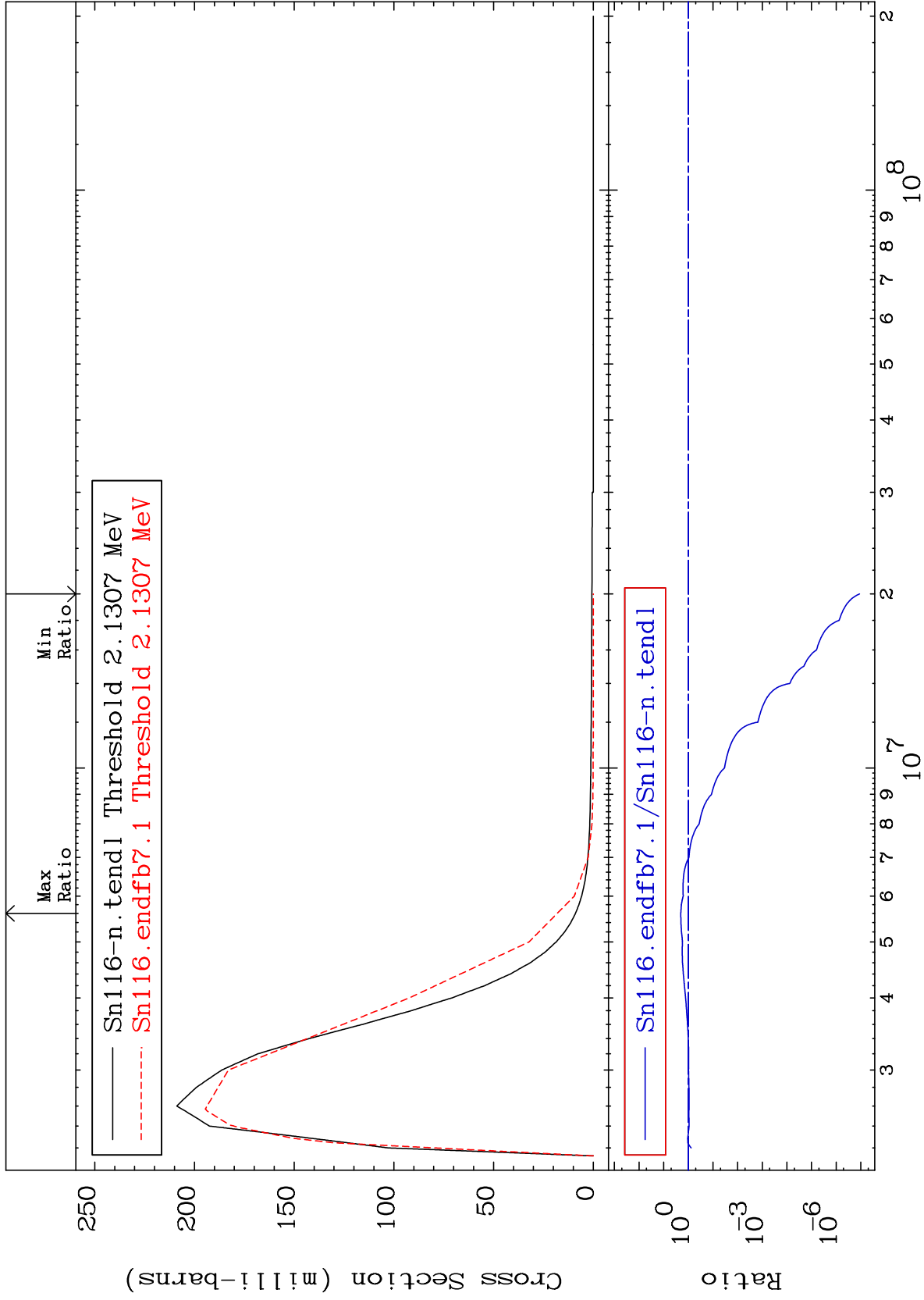
MAT 5037

2.112 MeV (n,n') Level

50-Sn-116

-100.0 To 102.9 %

Cross Section



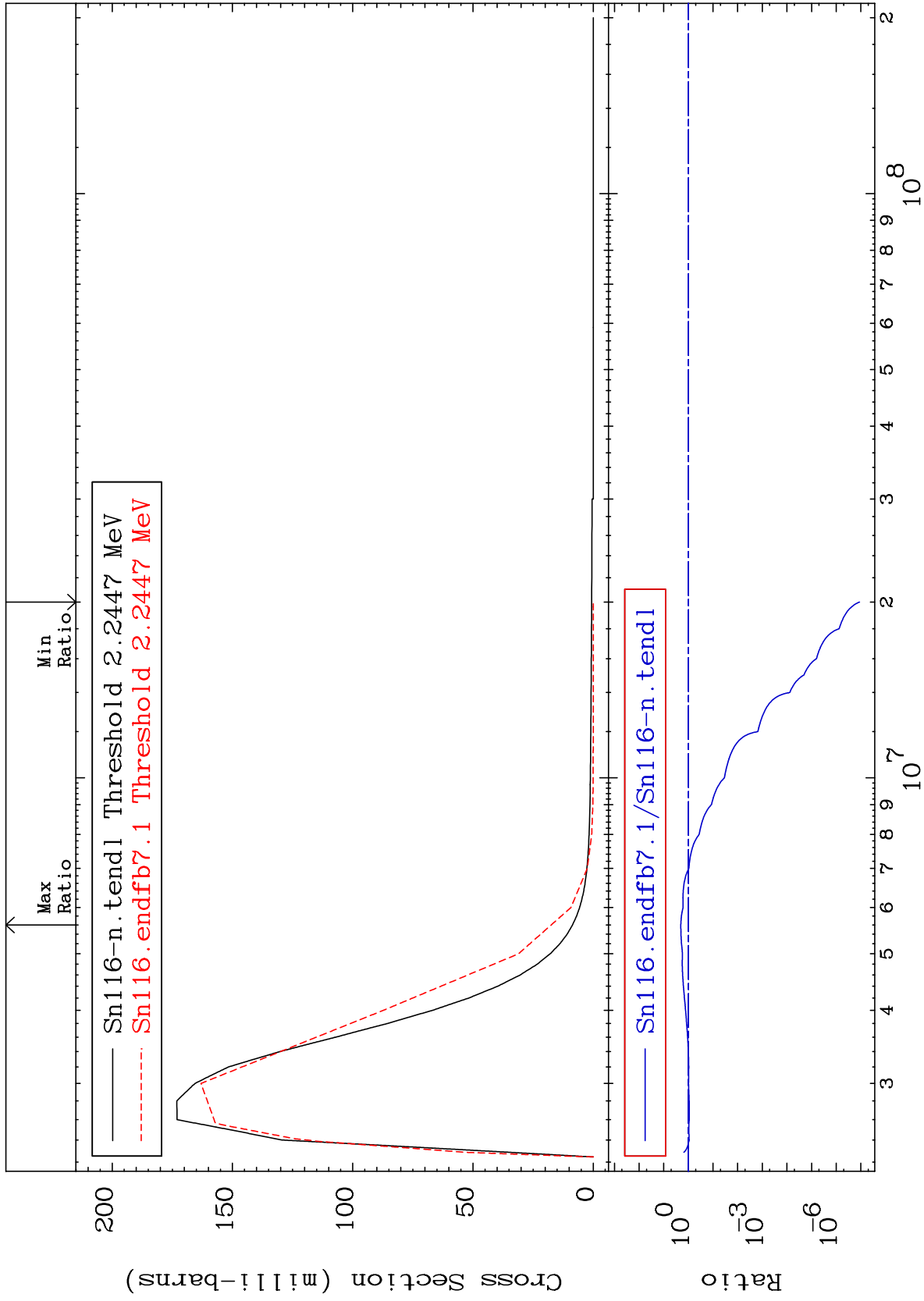
MAT 5037

2.225 MeV (n,n') Level

50-Sn-116

-100.0 To 103.1 %

Cross Section



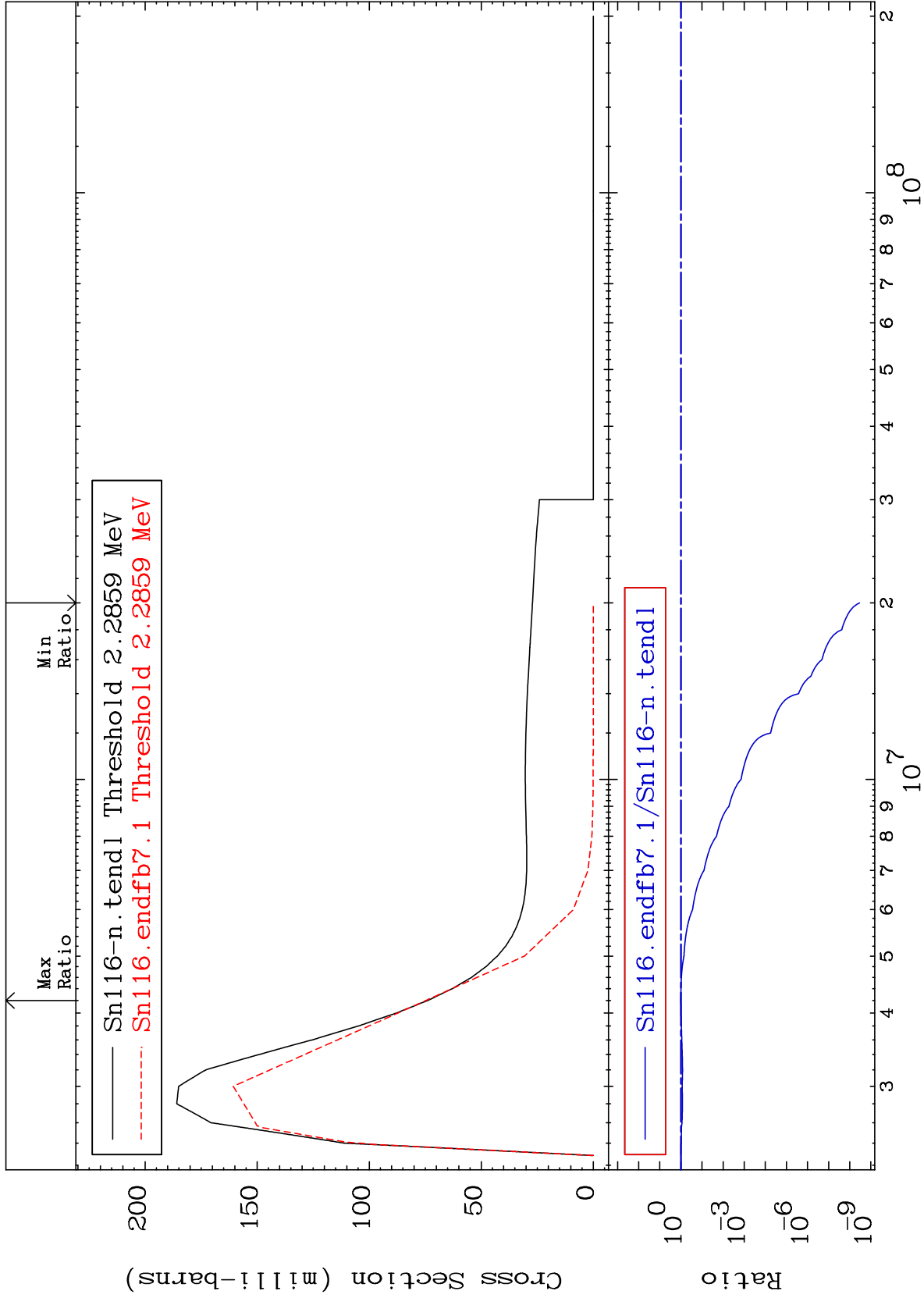
MAT 5037

2.266 MeV (n,n') Level

50-Sn-116

-100.0 To 1.195 %

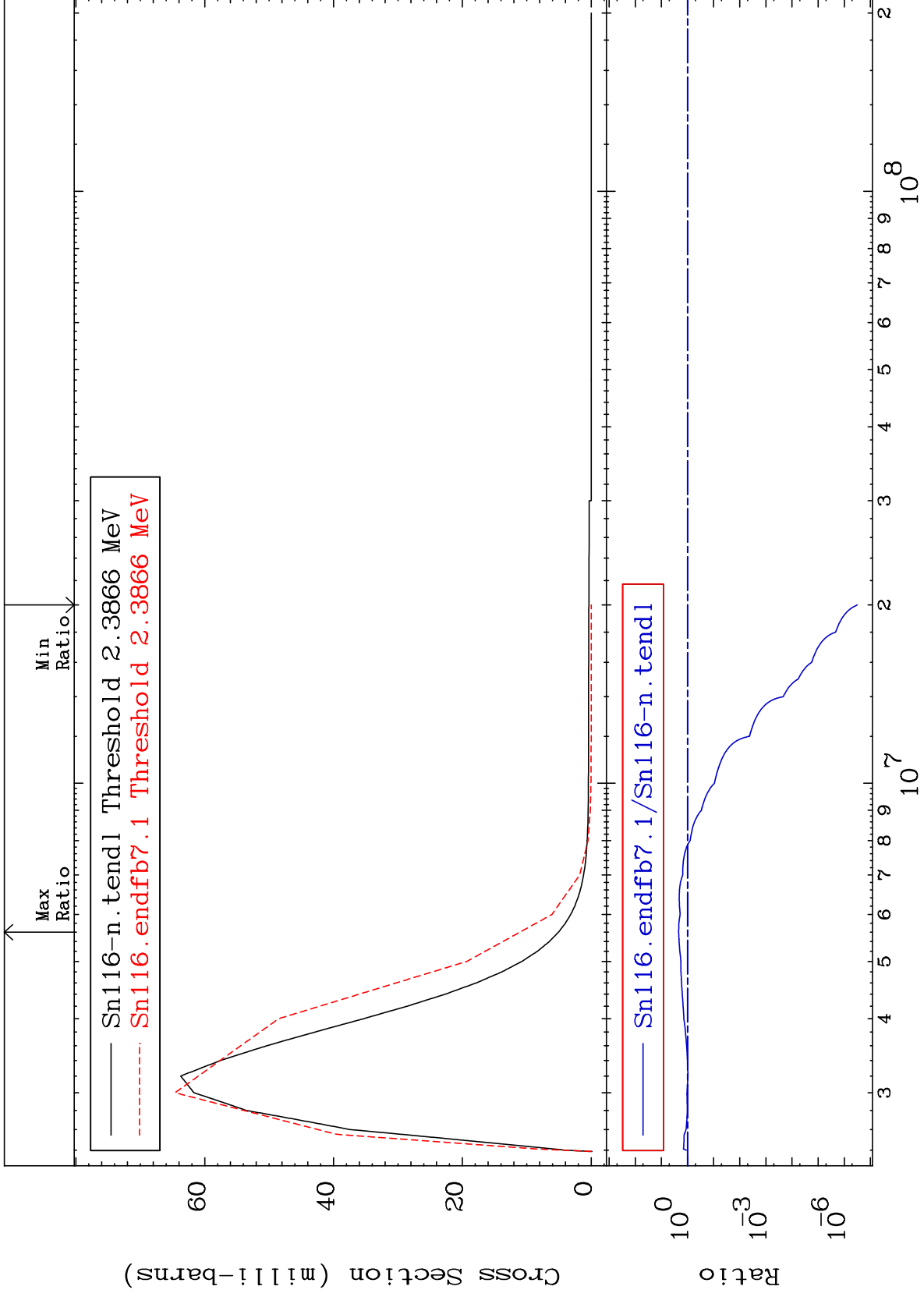
Cross Section



MAT 5037

2.366 MeV (n,n') Level  
Cross Section

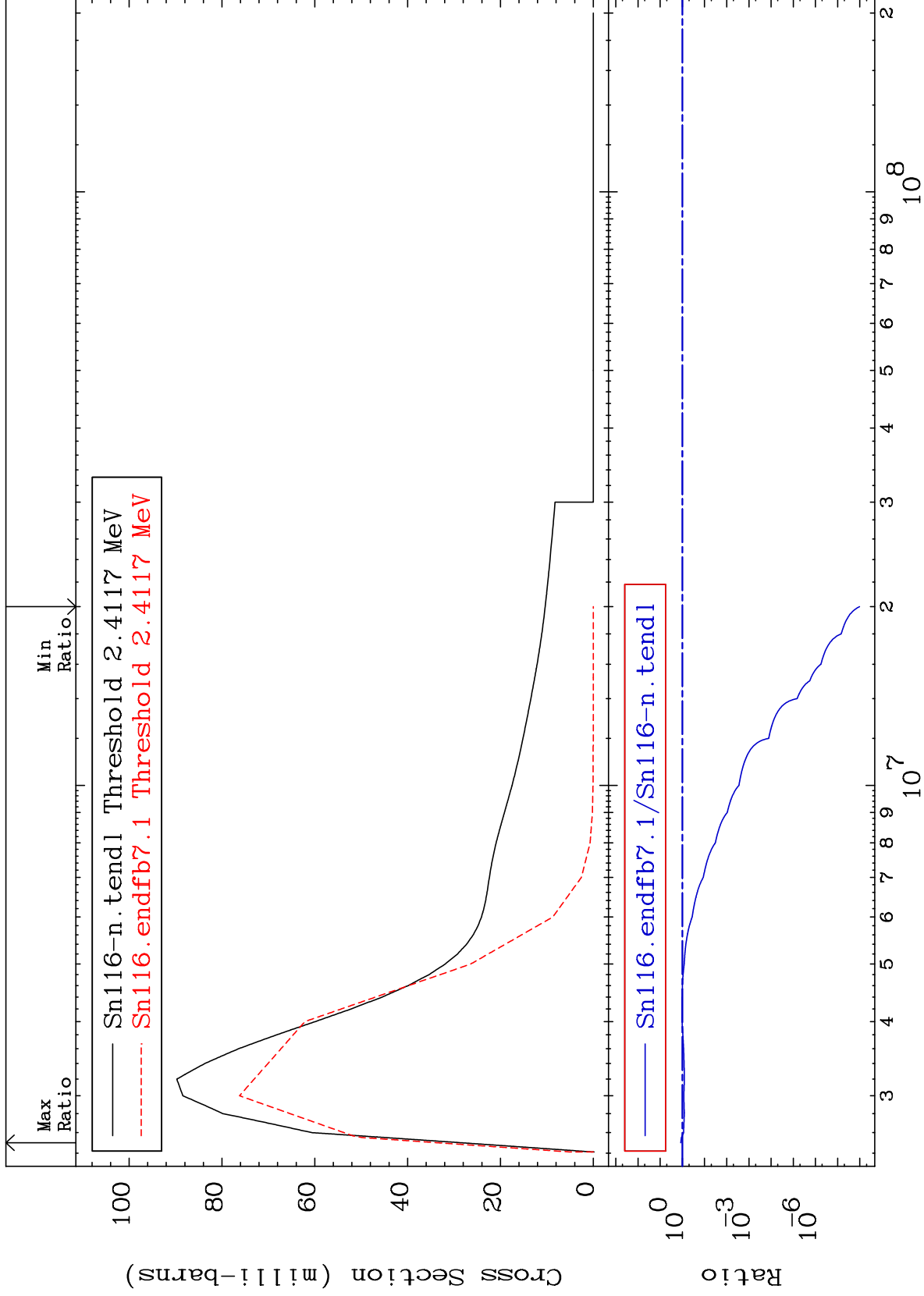
50-Sn-116  
-100.0 To 118.2 %



MAT 5037

2.391 MeV (n,n') Level  
Cross Section

50-Sn-116  
-100.0 To 18.03 %



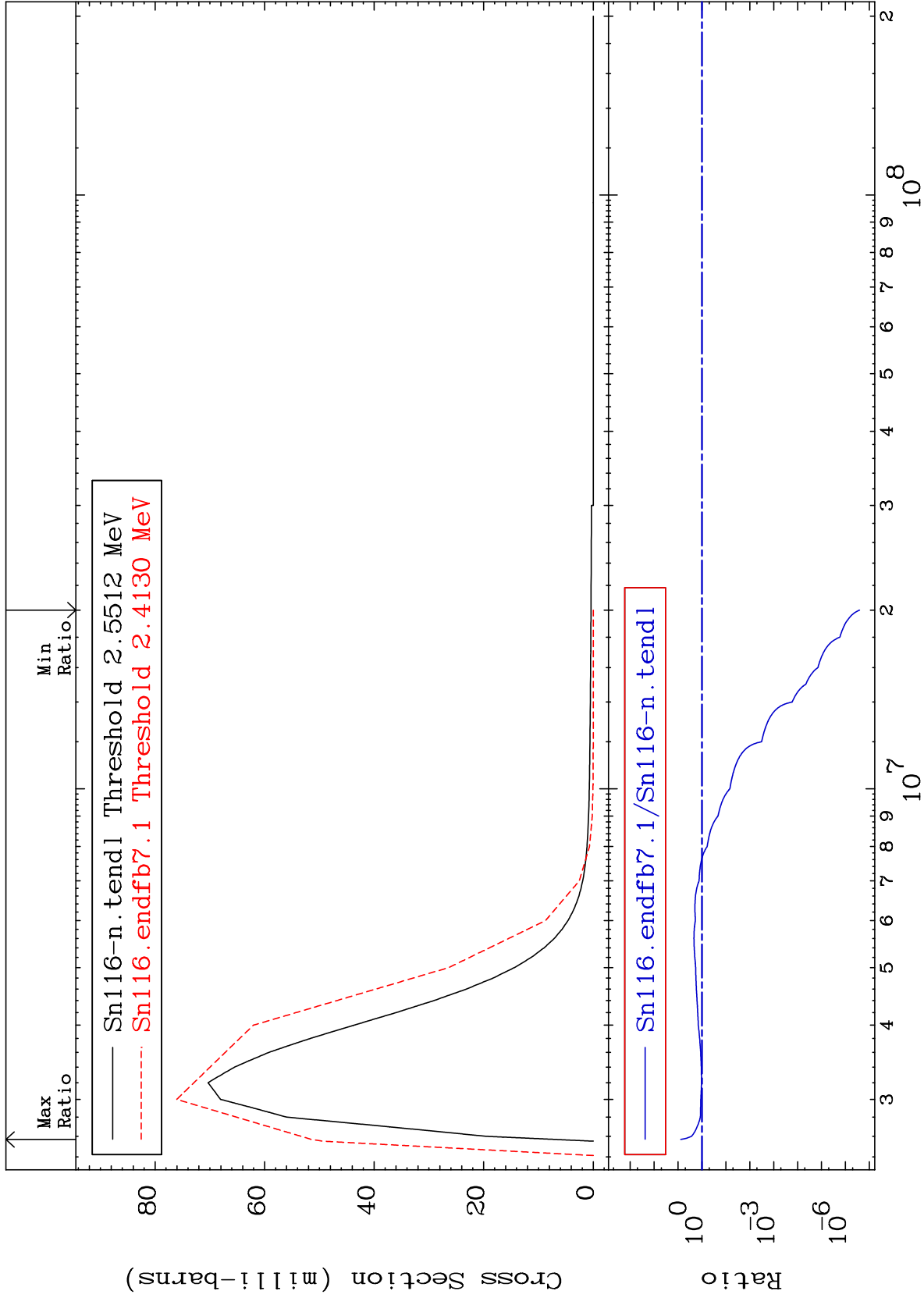
MAT 5037

2.529 MeV (n,n') Level

50-Sn-116

-100.0 To 668.4 %

Cross Section



16

Incident Energy (eV)

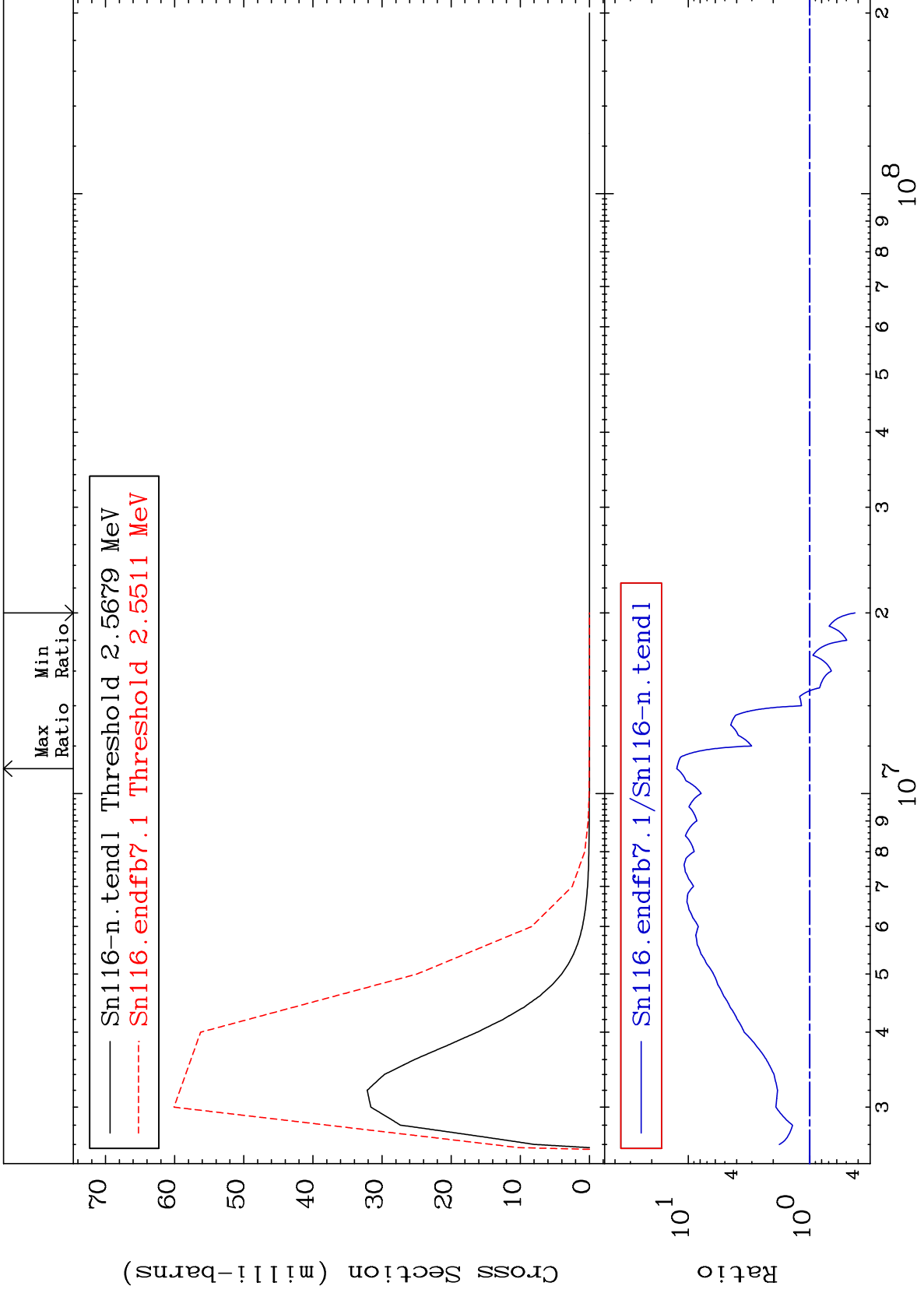
50-Sn-116

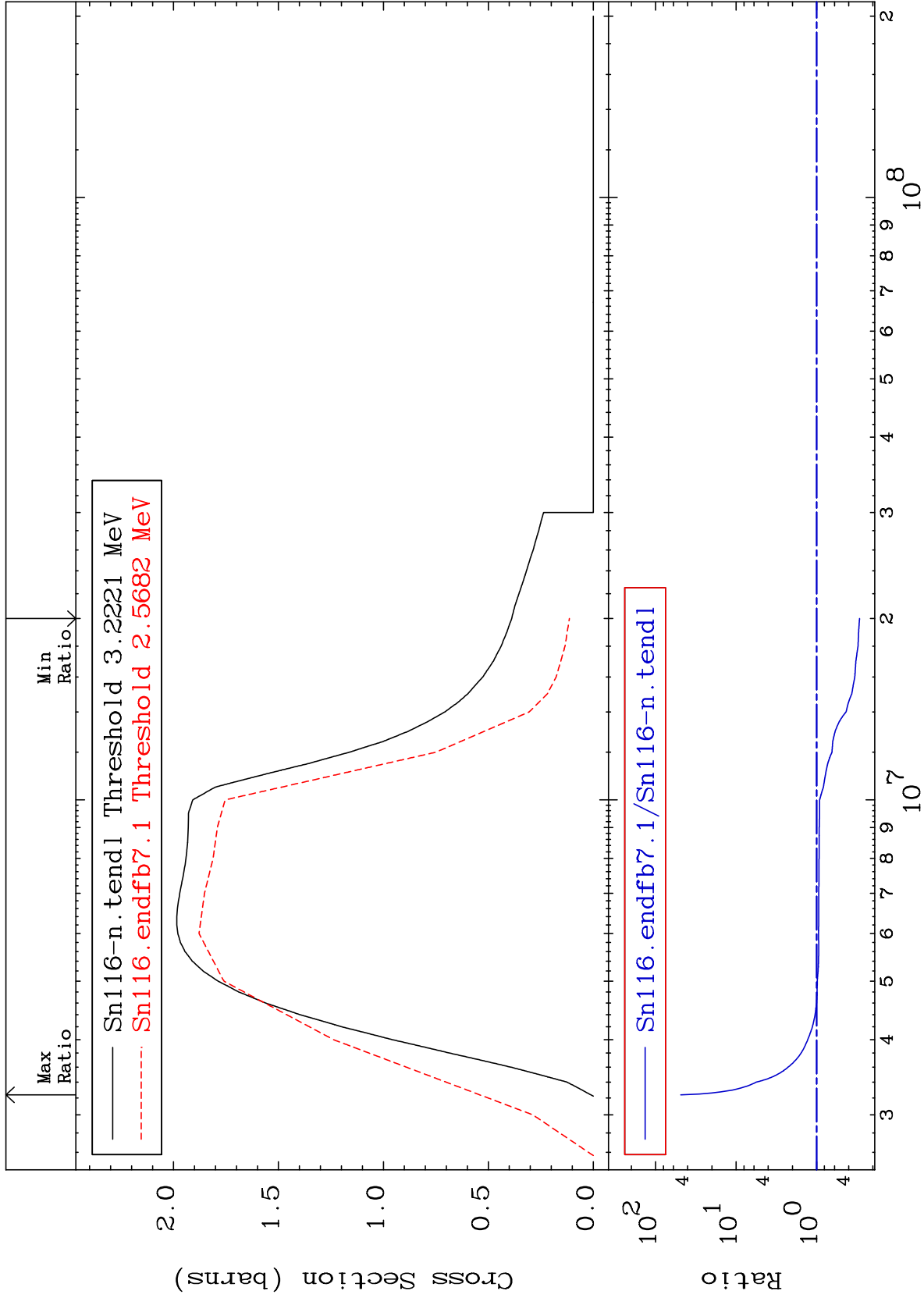


MAT 5037

2.546 MeV (n,n') Level  
Cross Section

50-Sn-116  
-57.58 To 1145. %





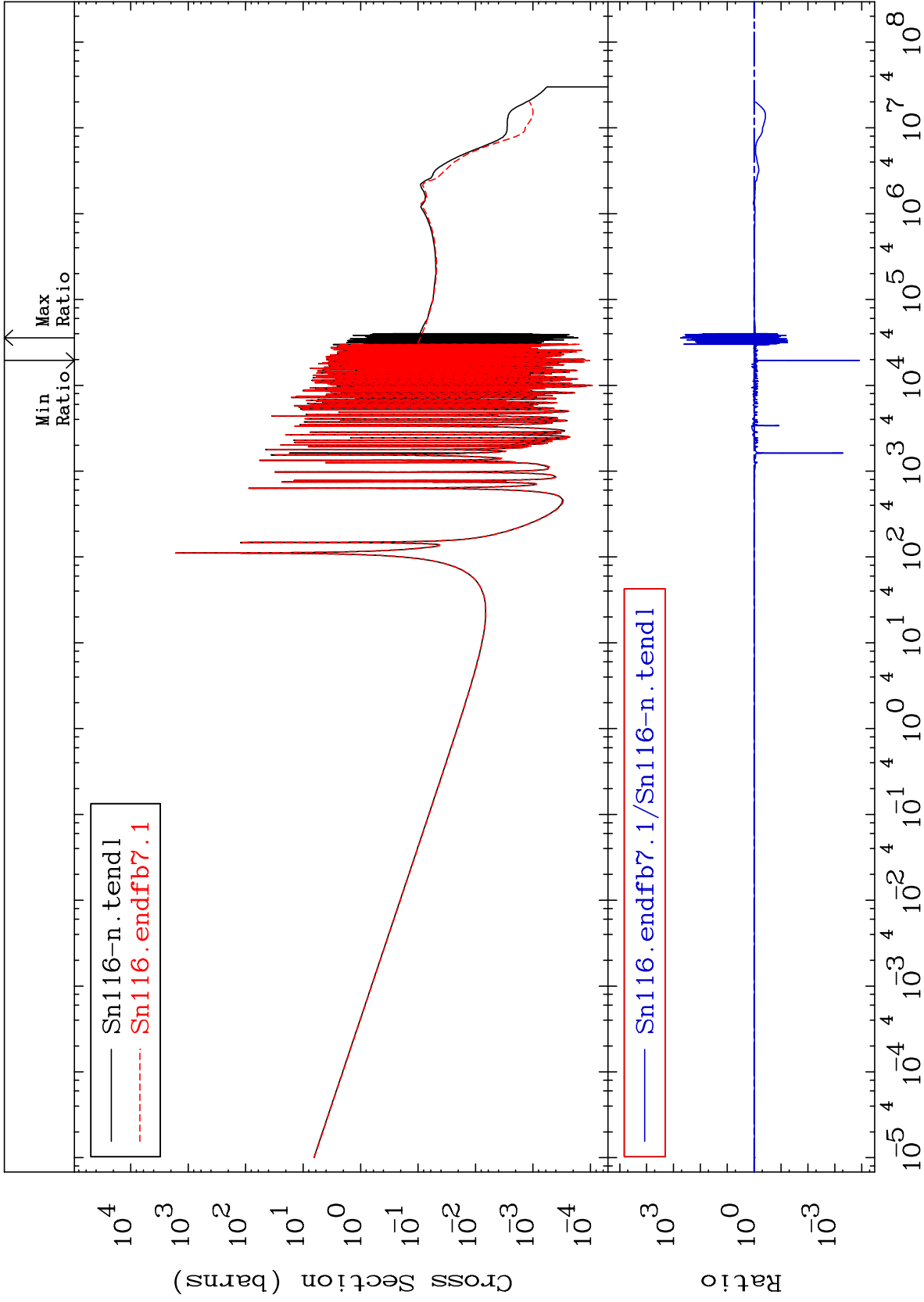
MAT 5037

(n,  $\gamma$ )

50-Sn-116

Cross Section

-99.99 To 9999. %



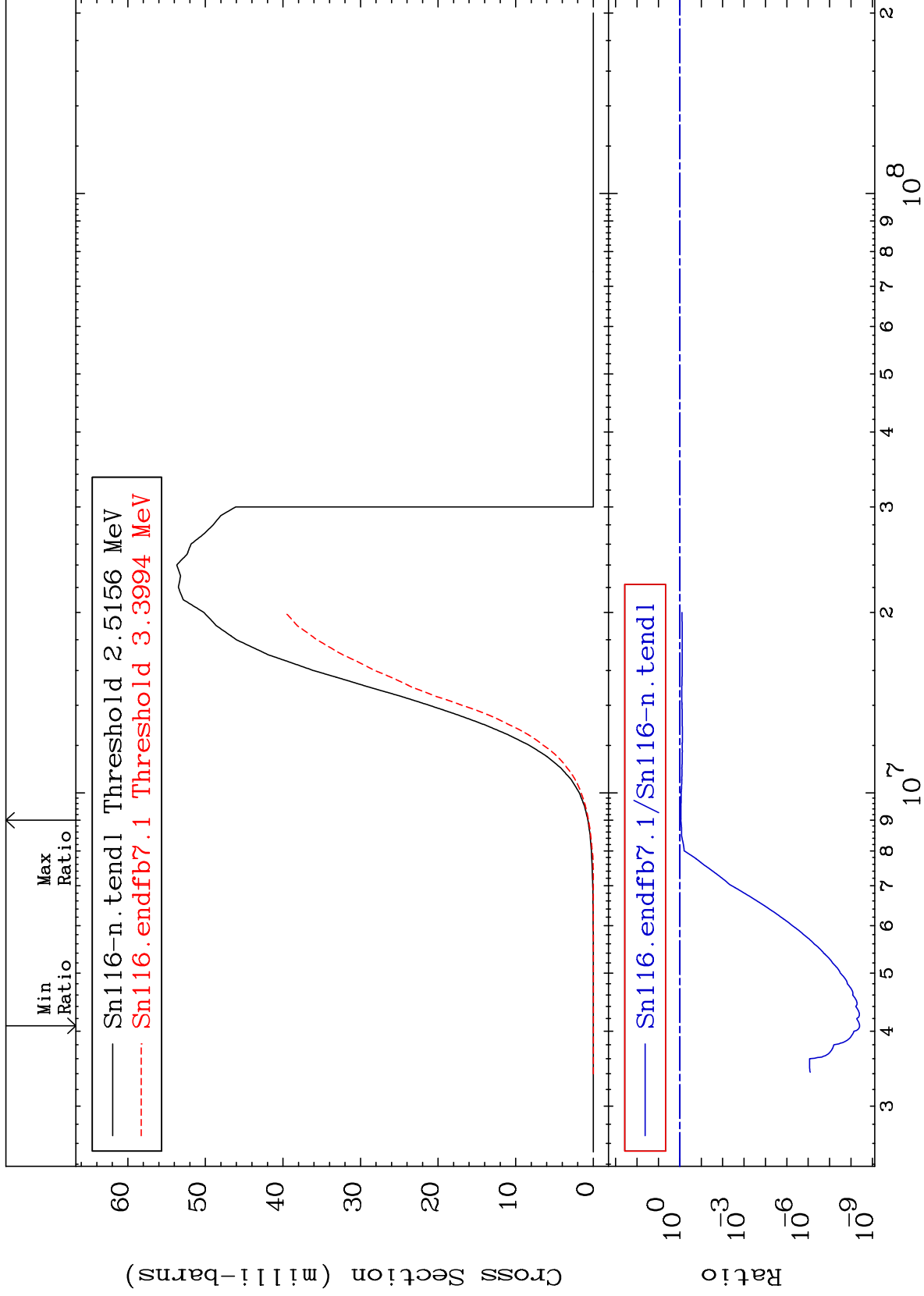
MAT 5037

(n,p)

50-Sn-116

Cross Section

-100.0 To -9.448%



20

Incident Energy (eV)

50-Sn-116

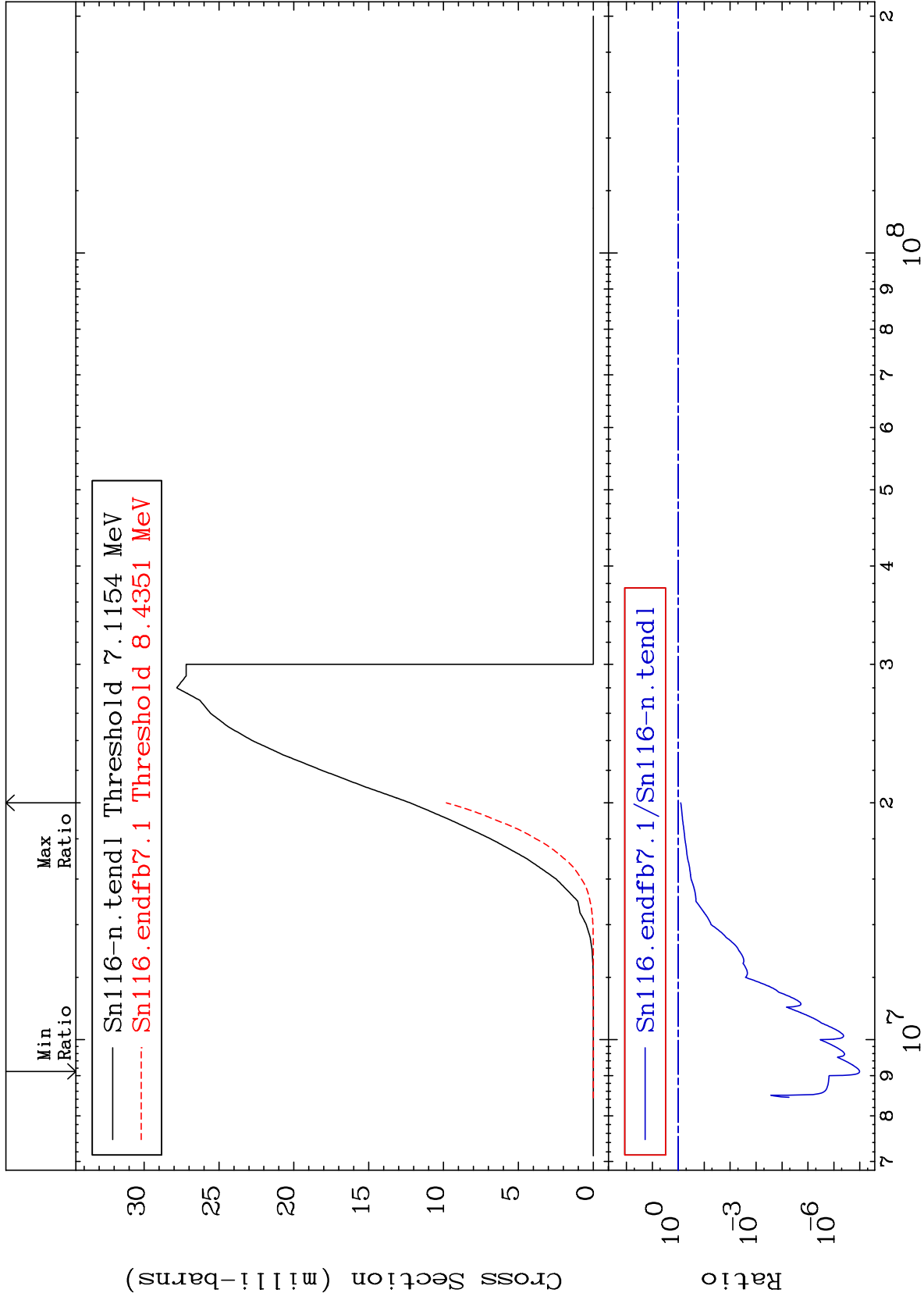
MAT 5037

(n, d)

50-Sn-116

Cross Section

-100.0 To -19.80%



21

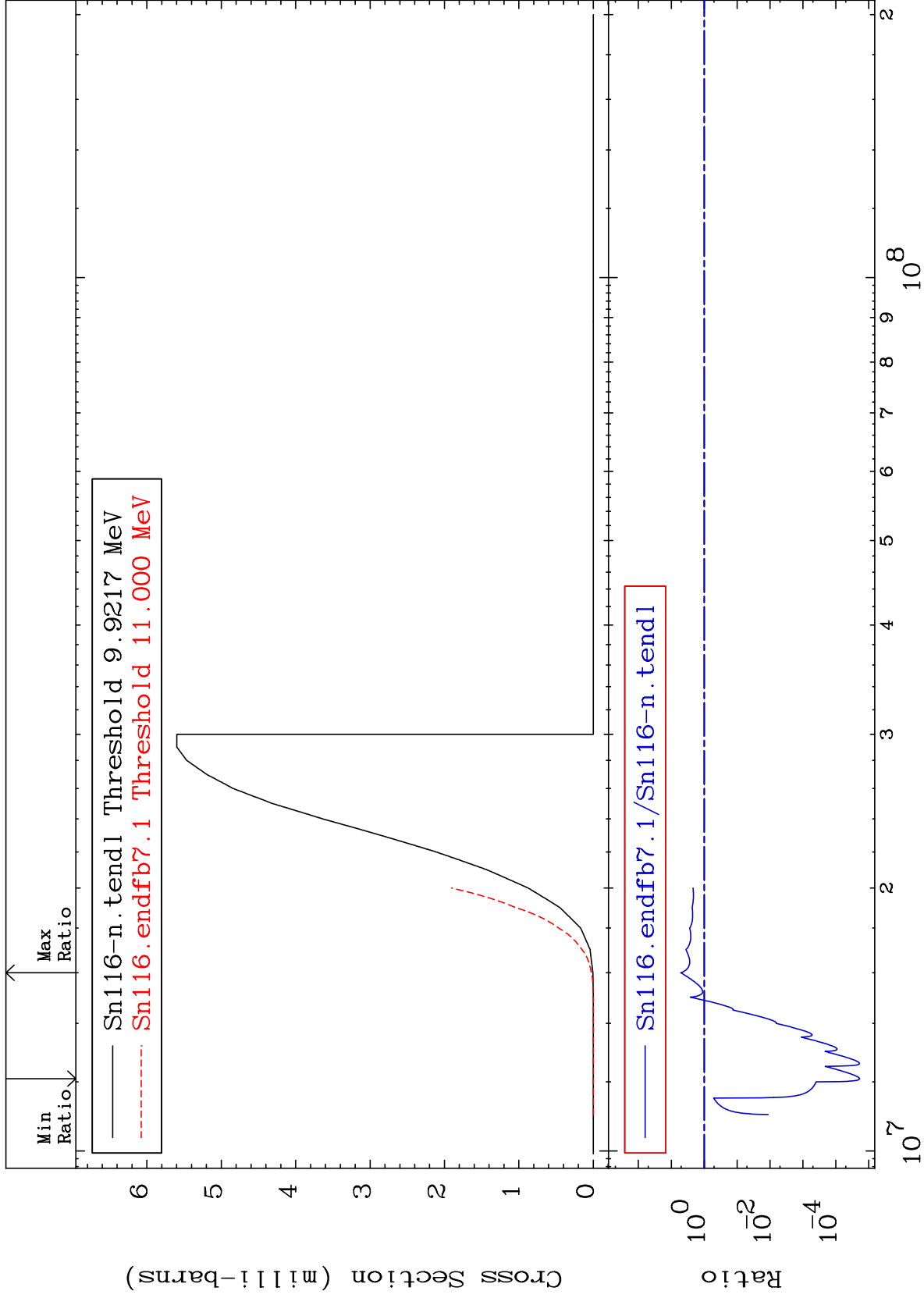
Incident Energy (eV)

50-Sn-116

MAT 5037

(n, t)  
Cross Section

50-Sn-116  
-100.0 To 414.1 %



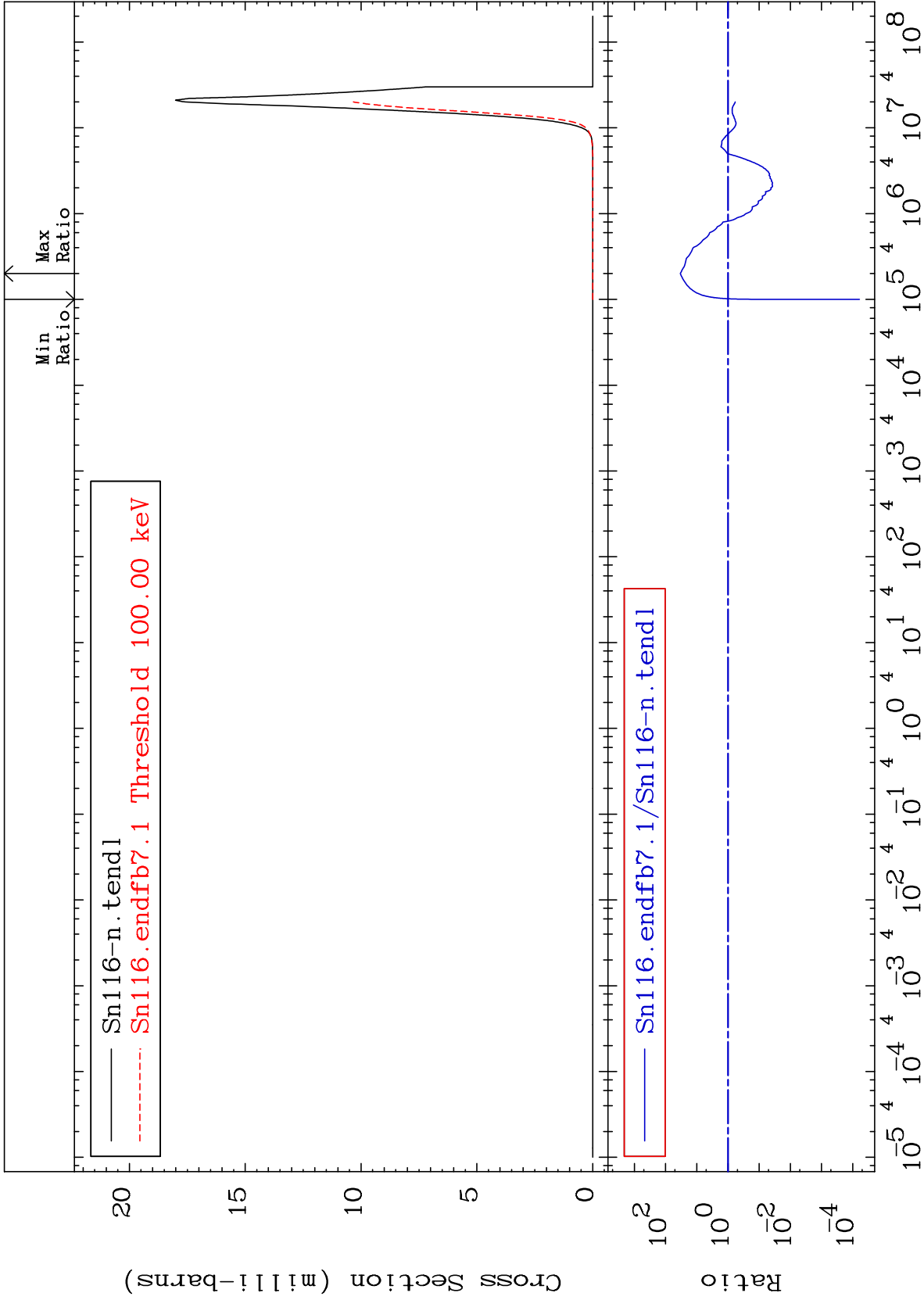
22

Incident Energy (eV)

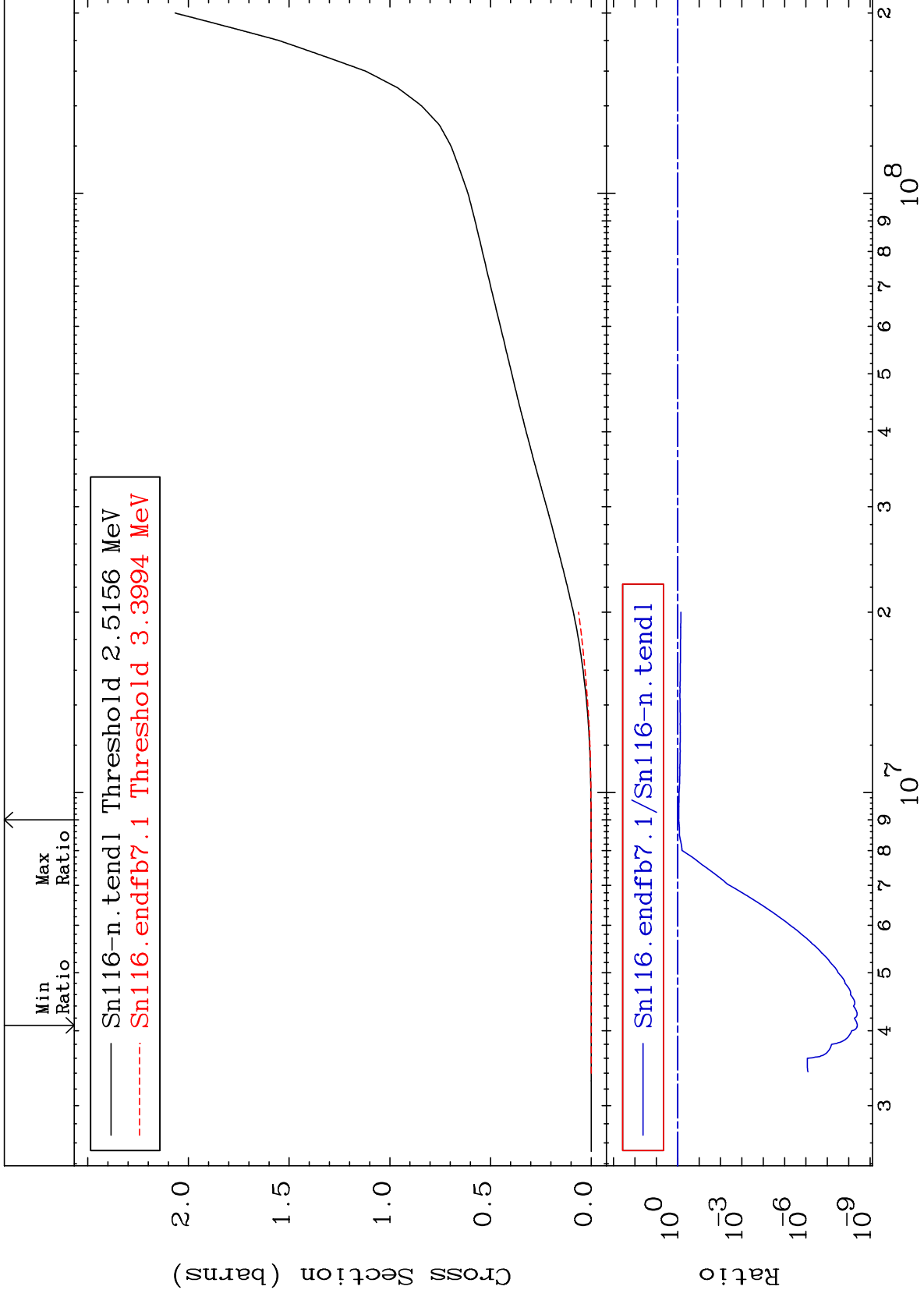
50-Sn-116

Cross Section

-99.99 To 3265. %



Incident Energy (eV)

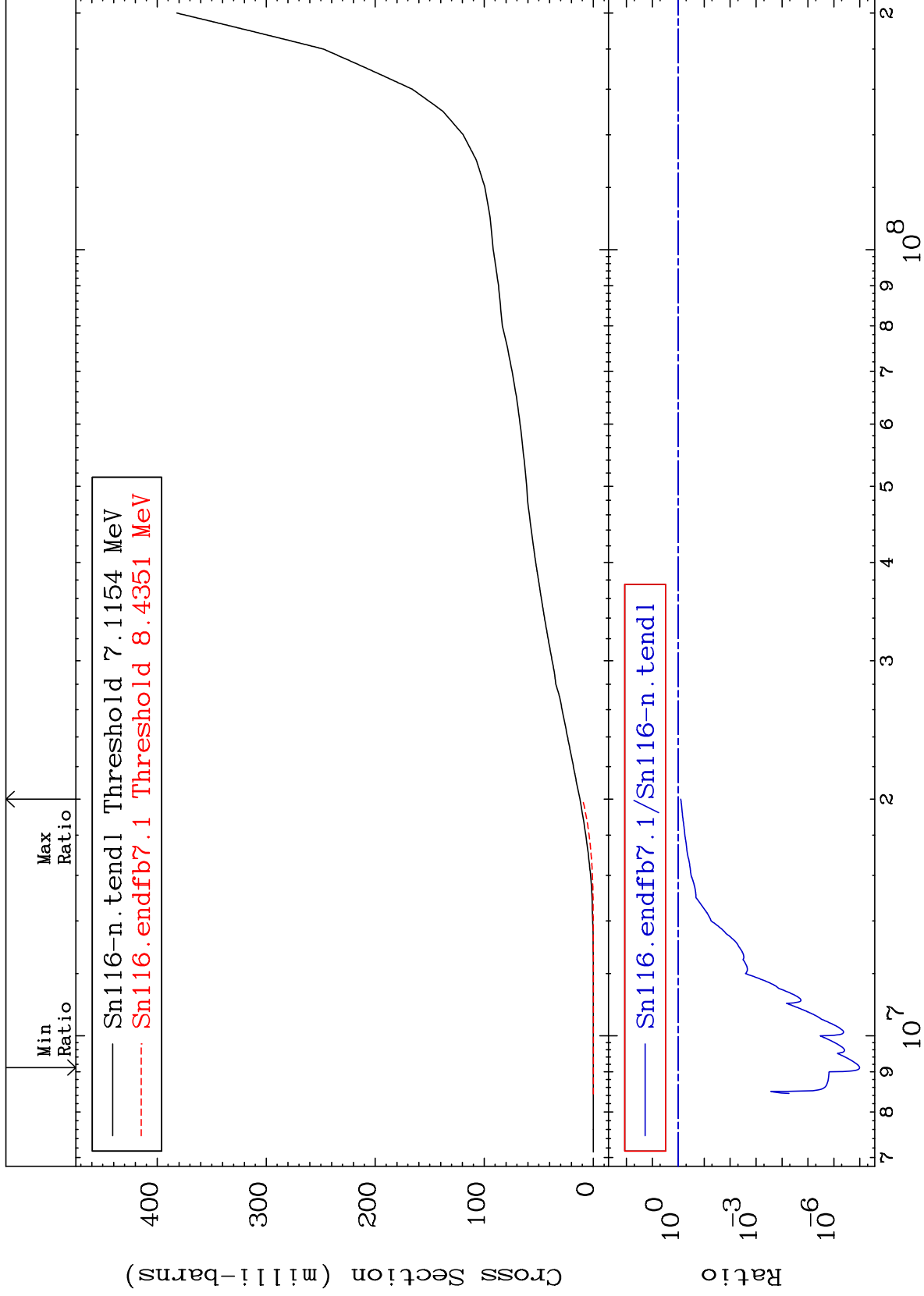




MAT 5037

Deuterium Production  
Cross Section

50-Sn-116  
-100.0 To -19.80%



25

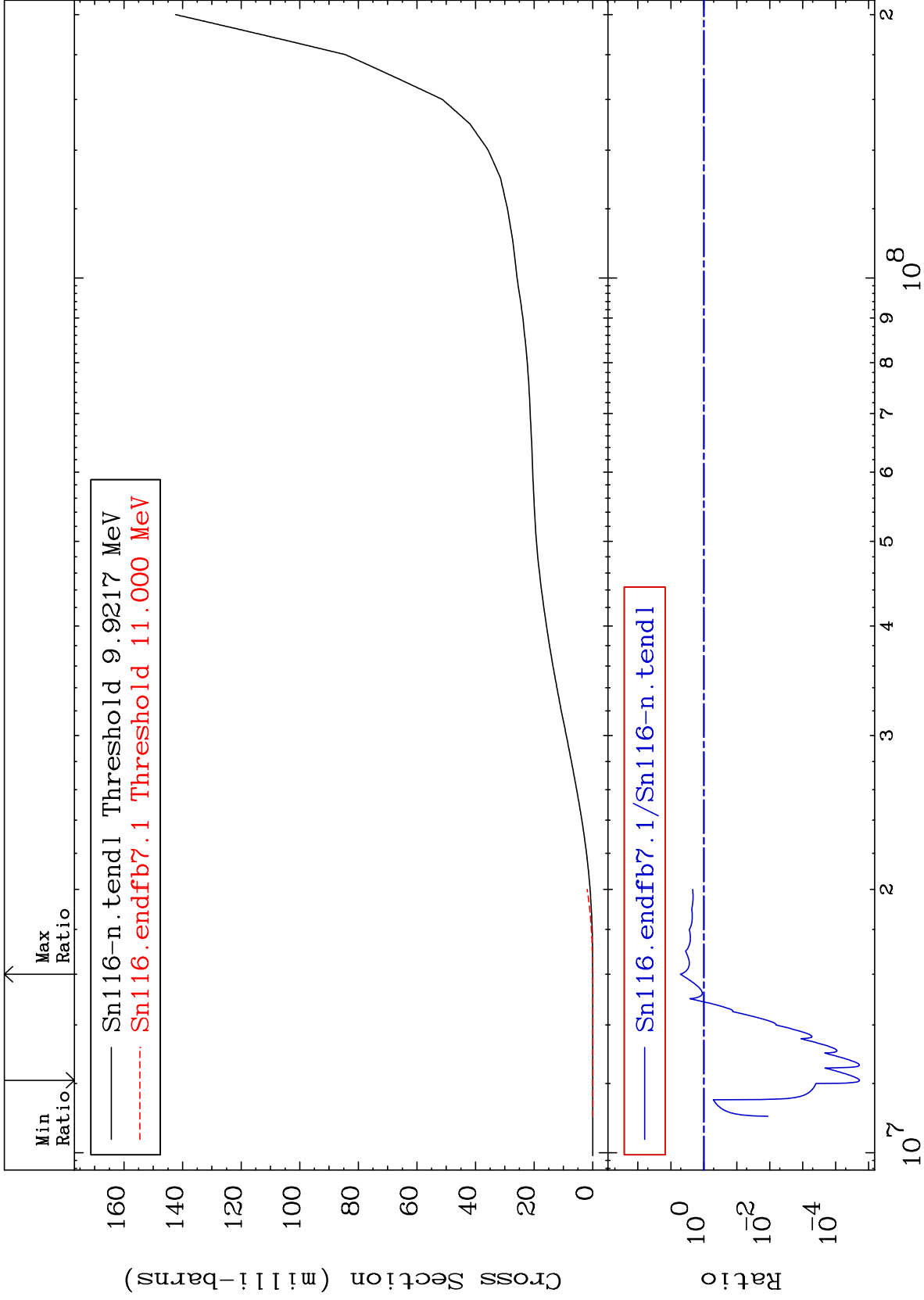
Incident Energy (eV)

50-Sn-116

MAT 5037

Tritium Production  
Cross Section

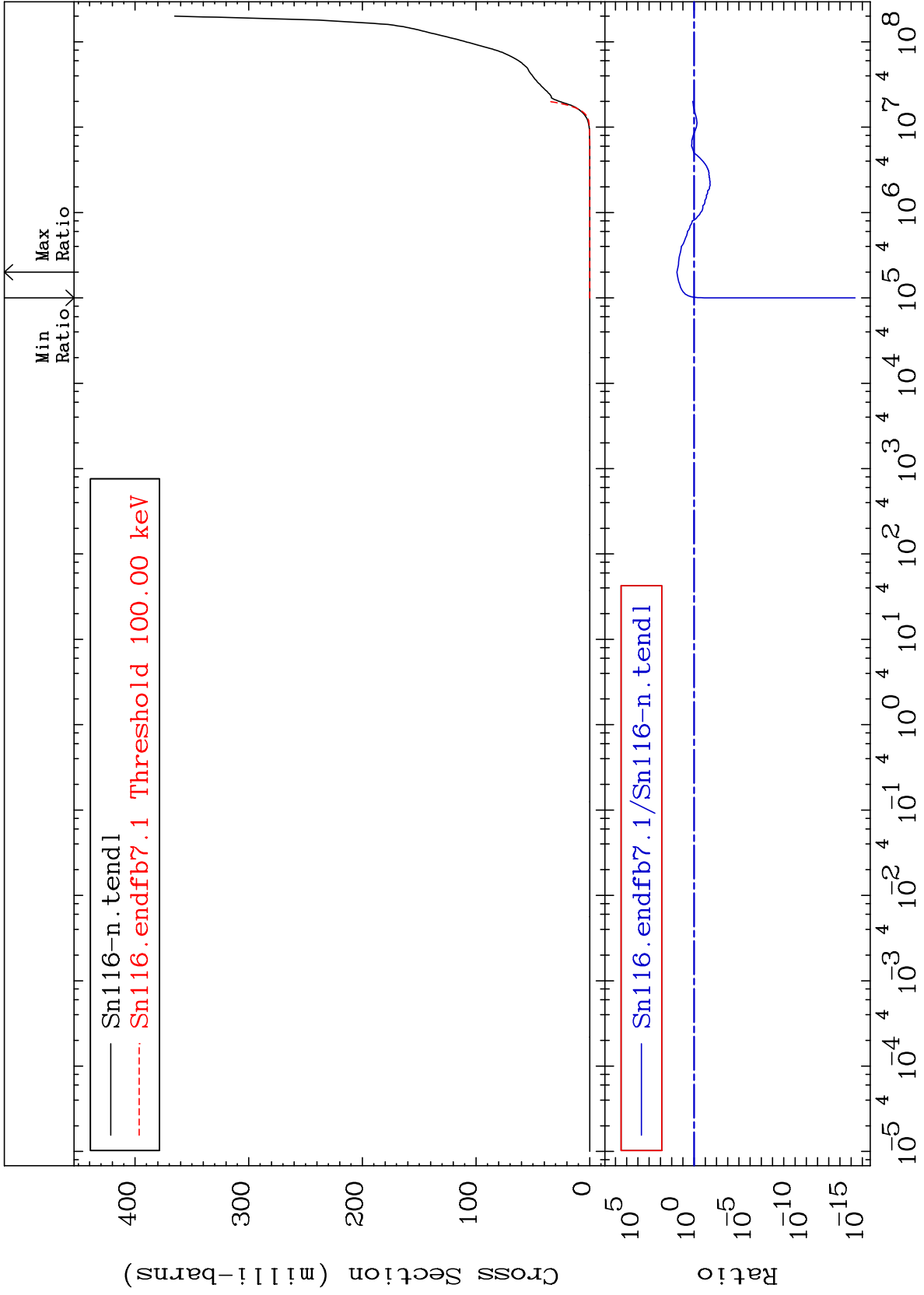
50-Sn-116  
-100.0 To 414.1 %

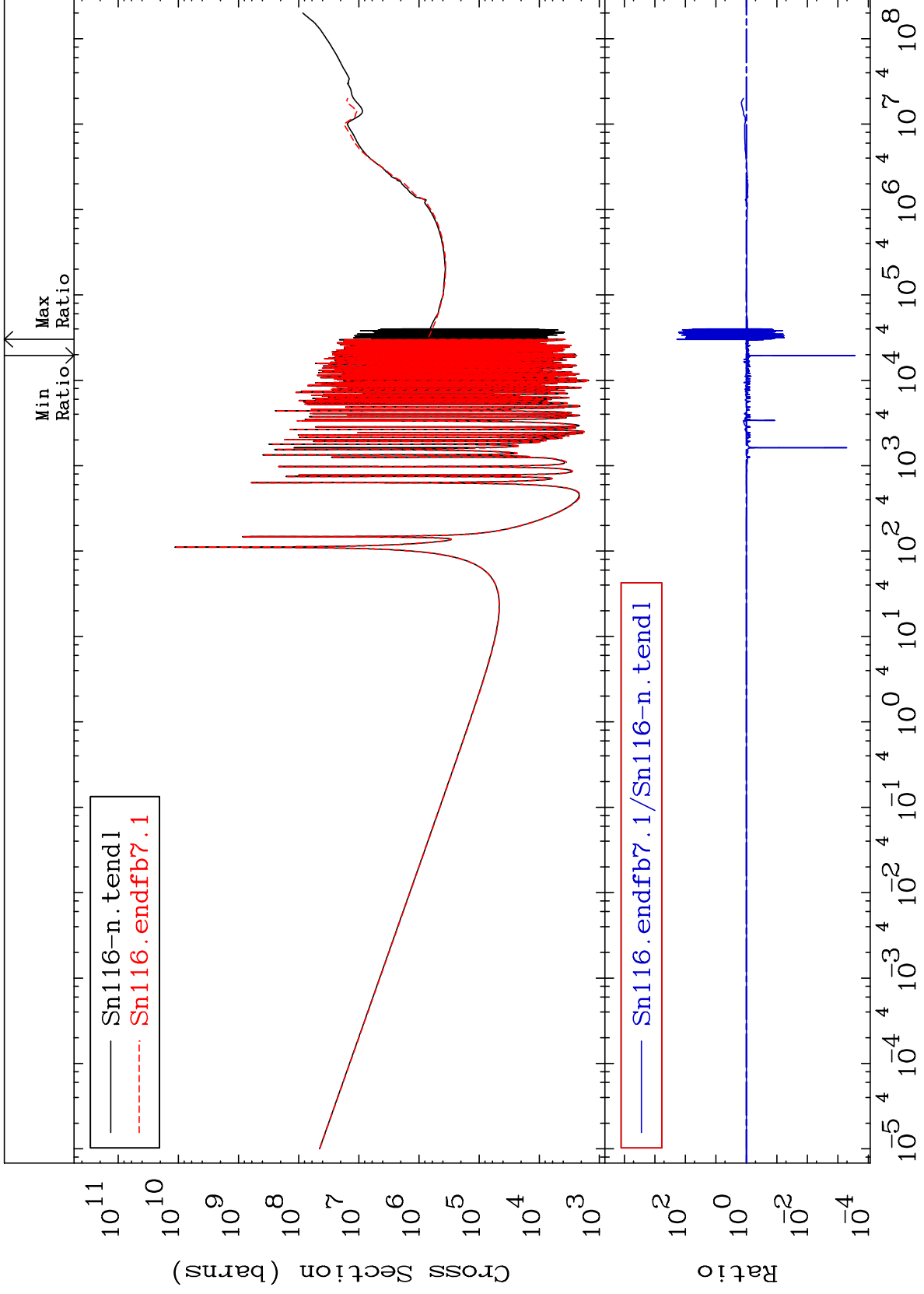


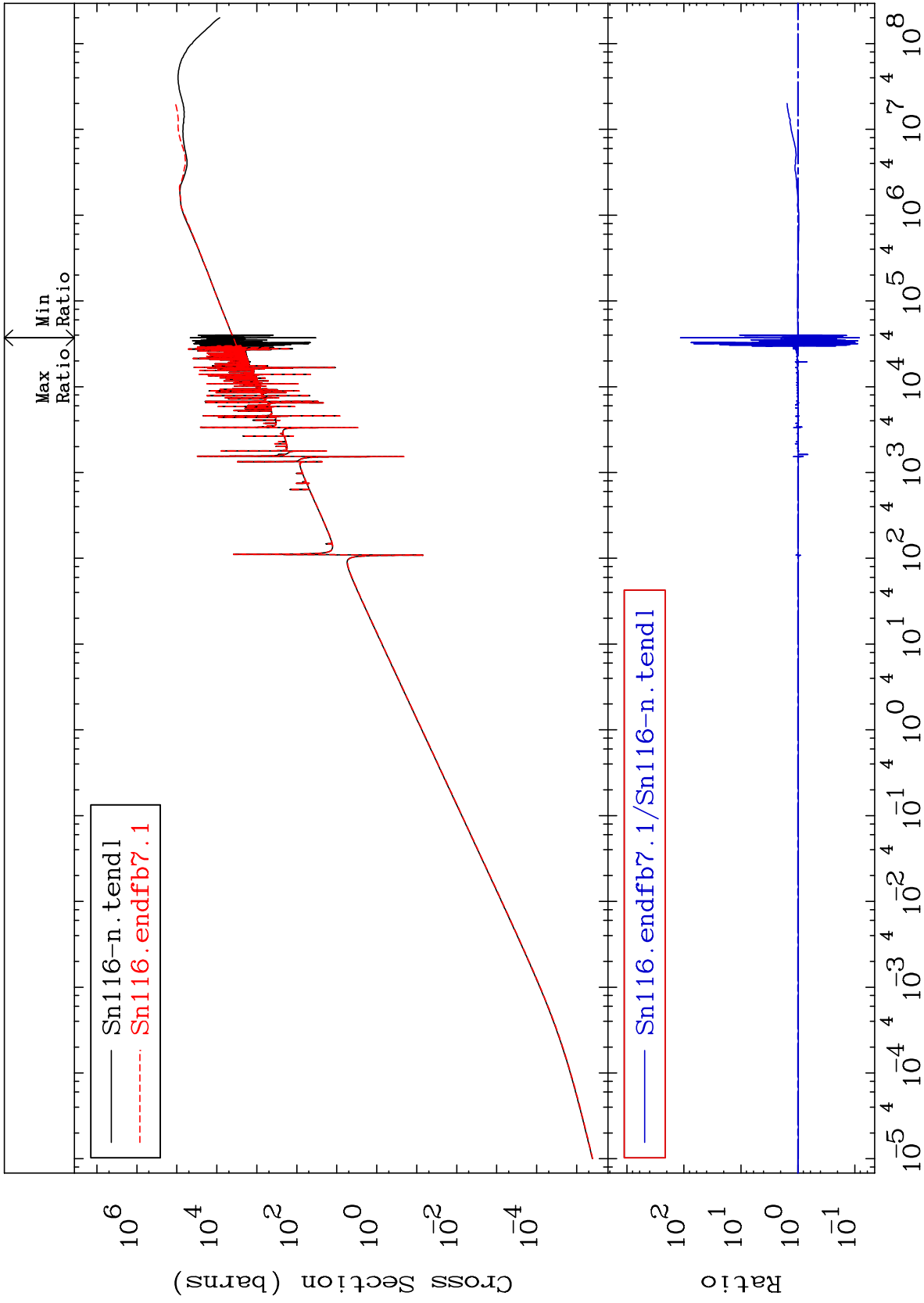
26

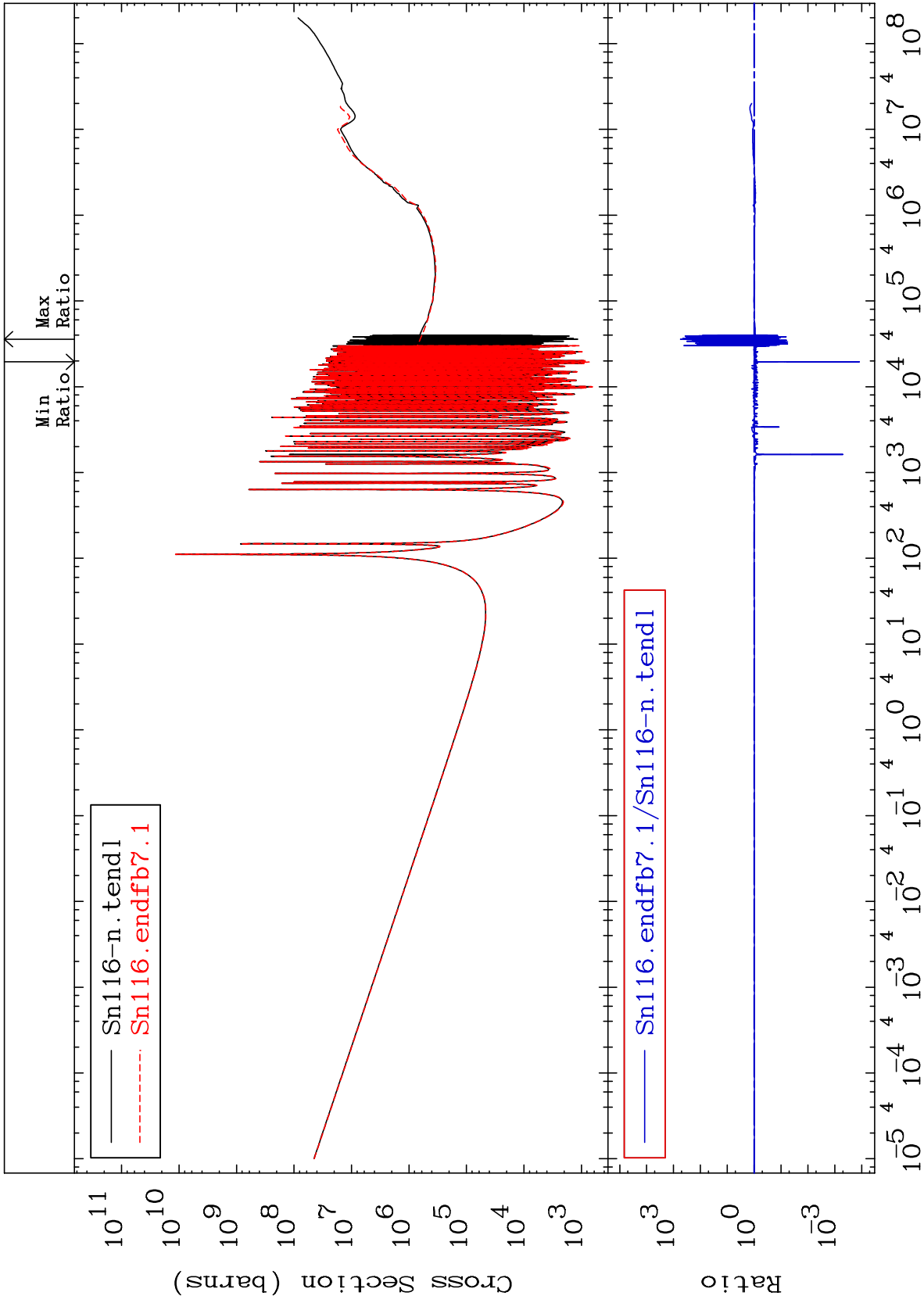
Incident Energy (eV)

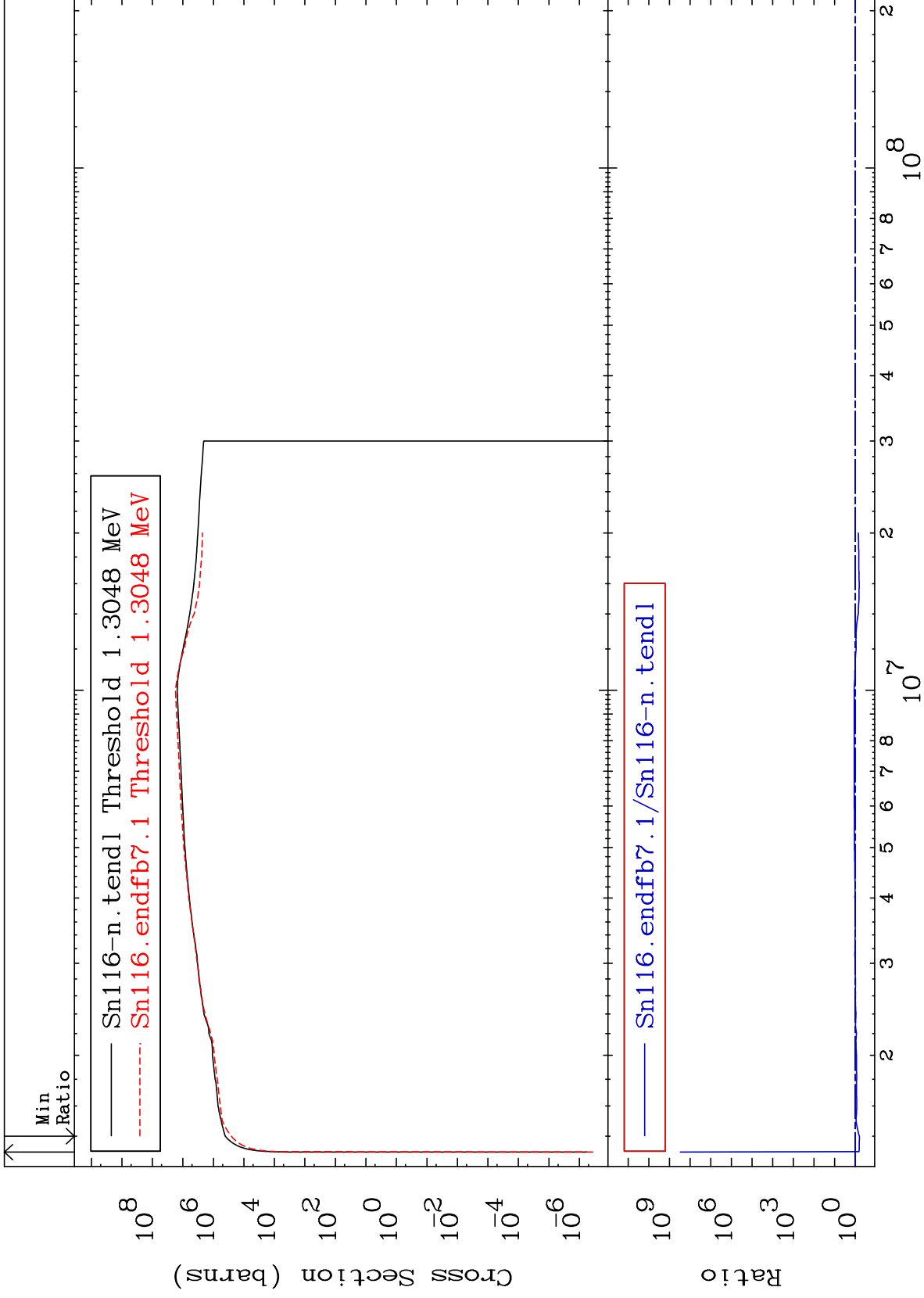
50-Sn-116

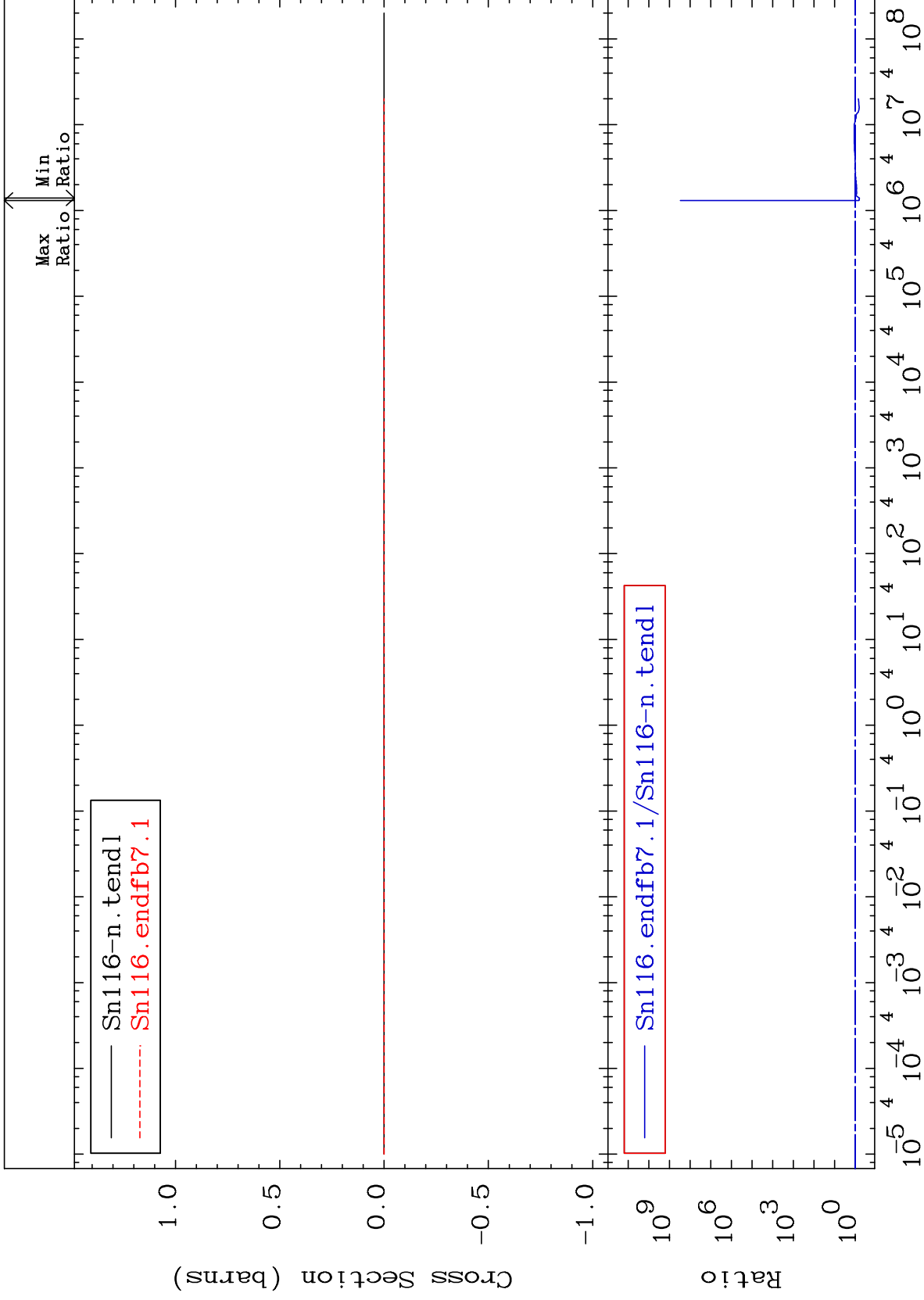




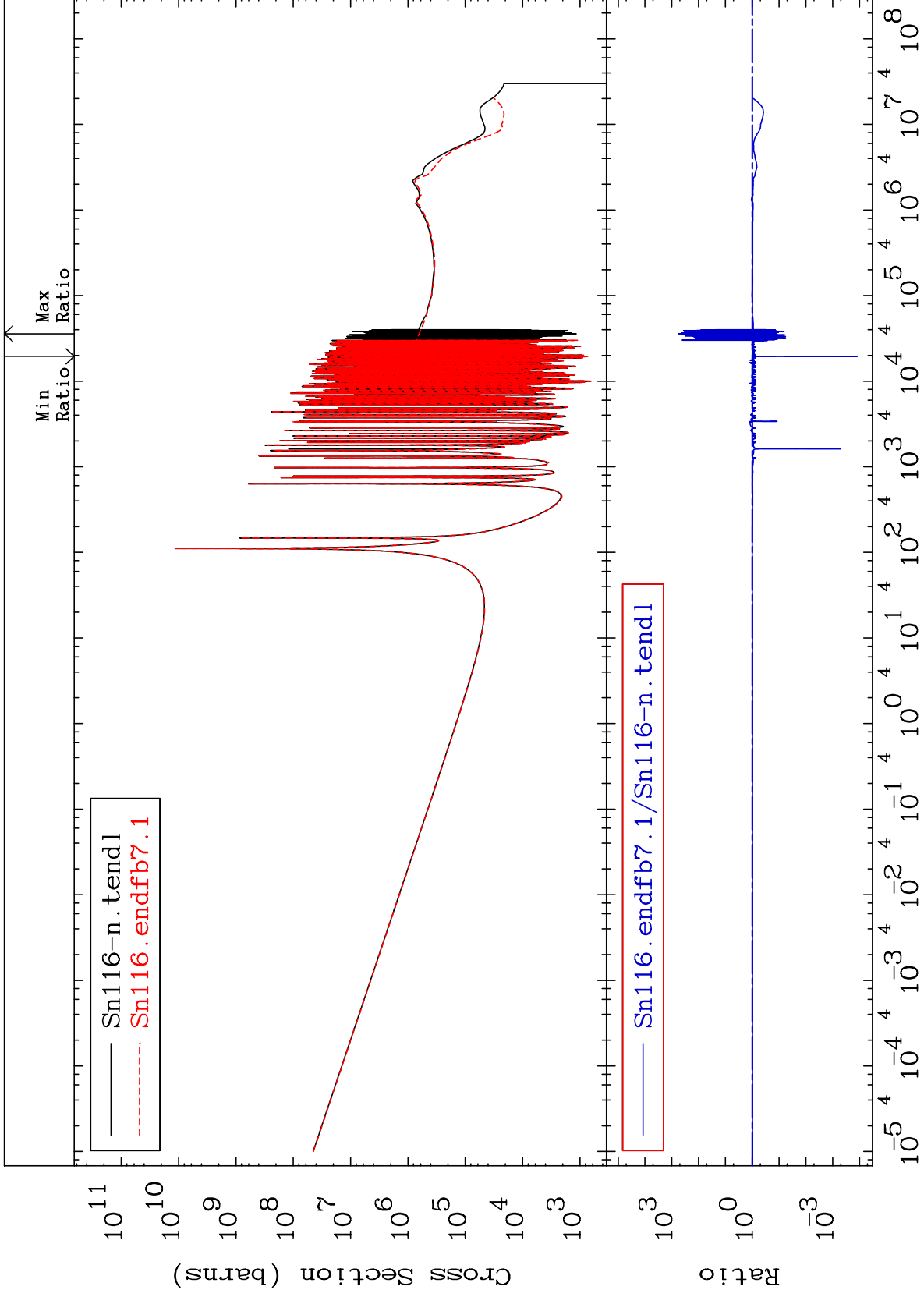


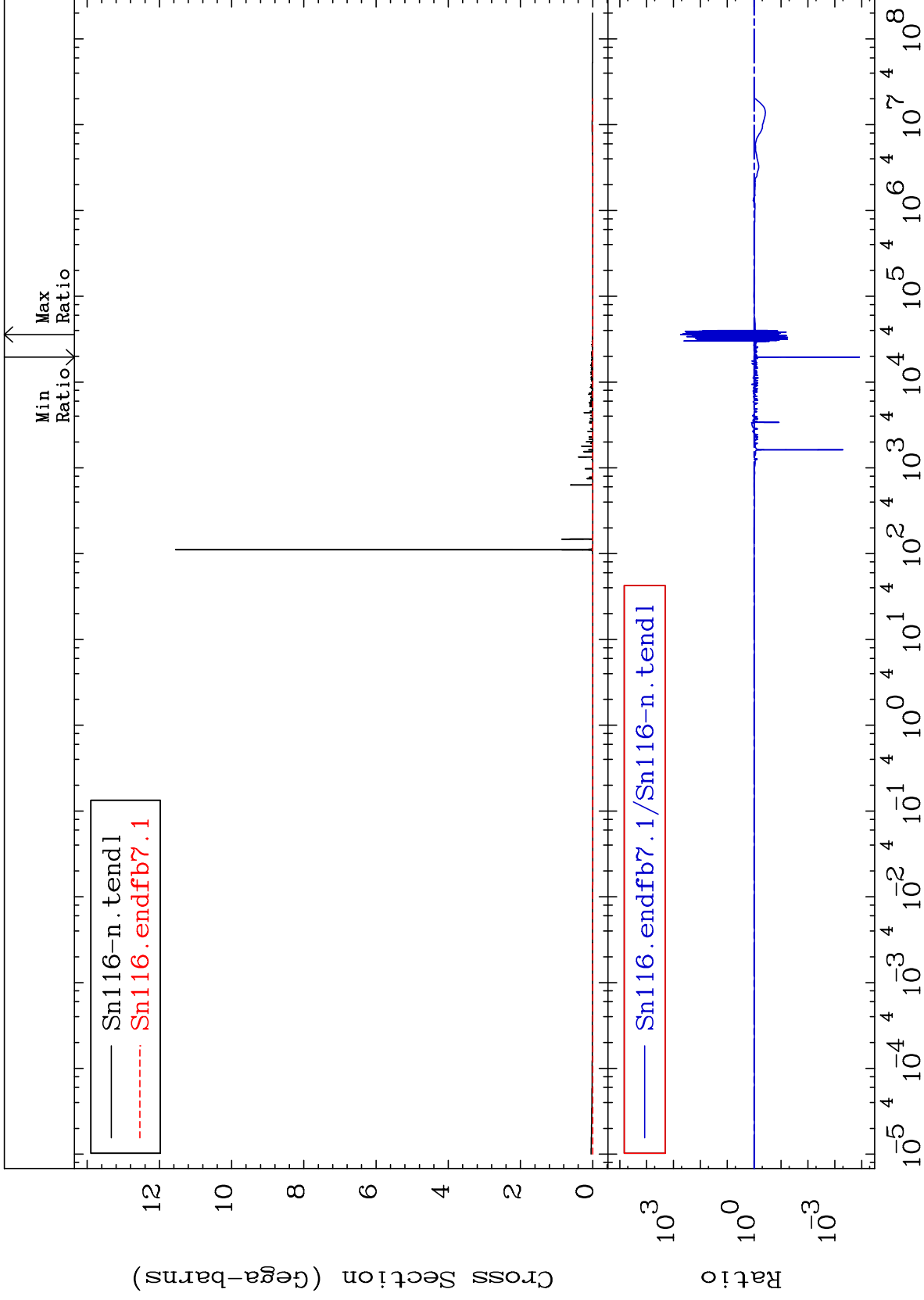






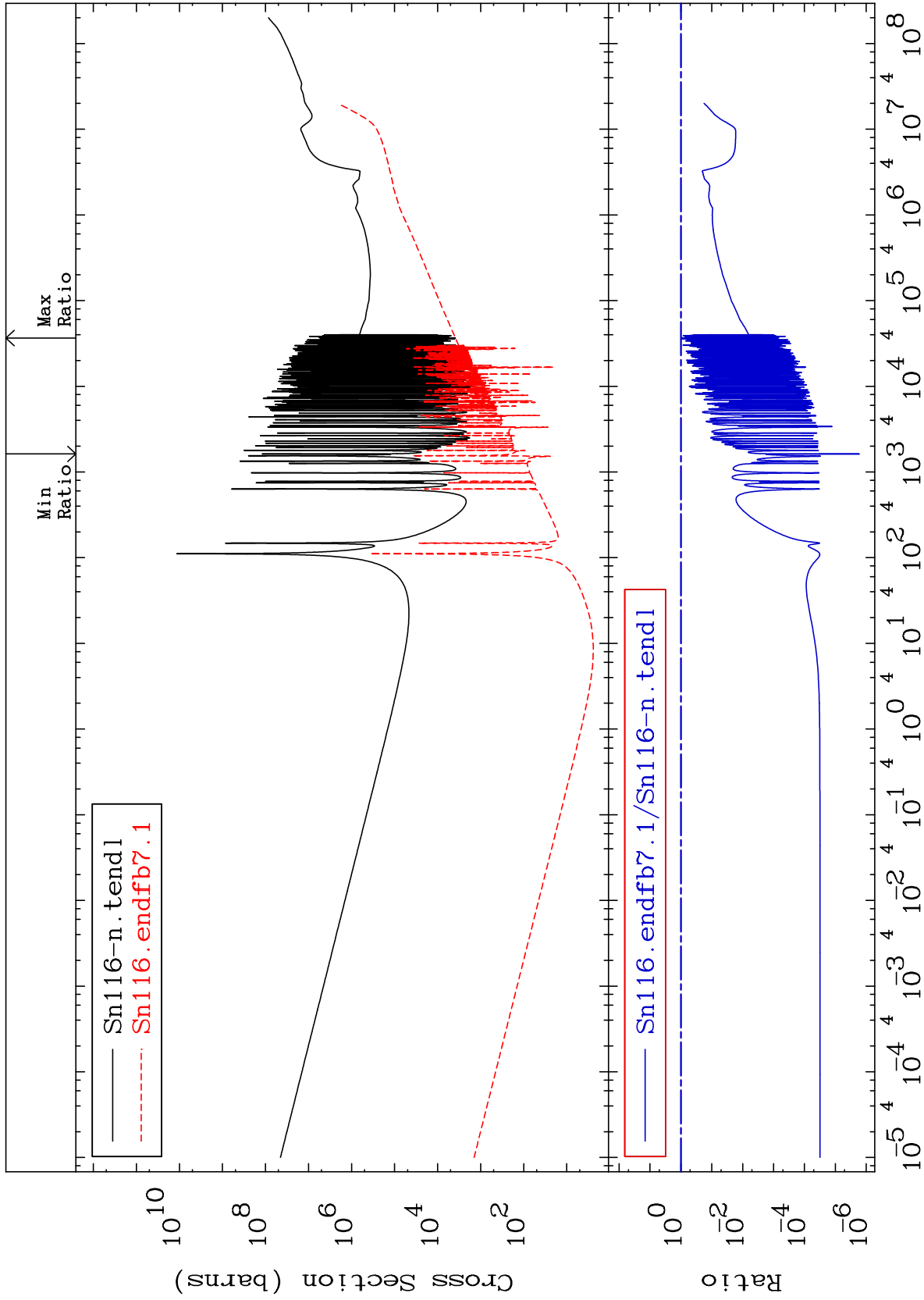






Cross Section

-100.0 To 0.924 %



MAT 5037

Dpa total (eV-barns)  
Cross Section

50-Sn-116  
-91.62 To 9999. %

