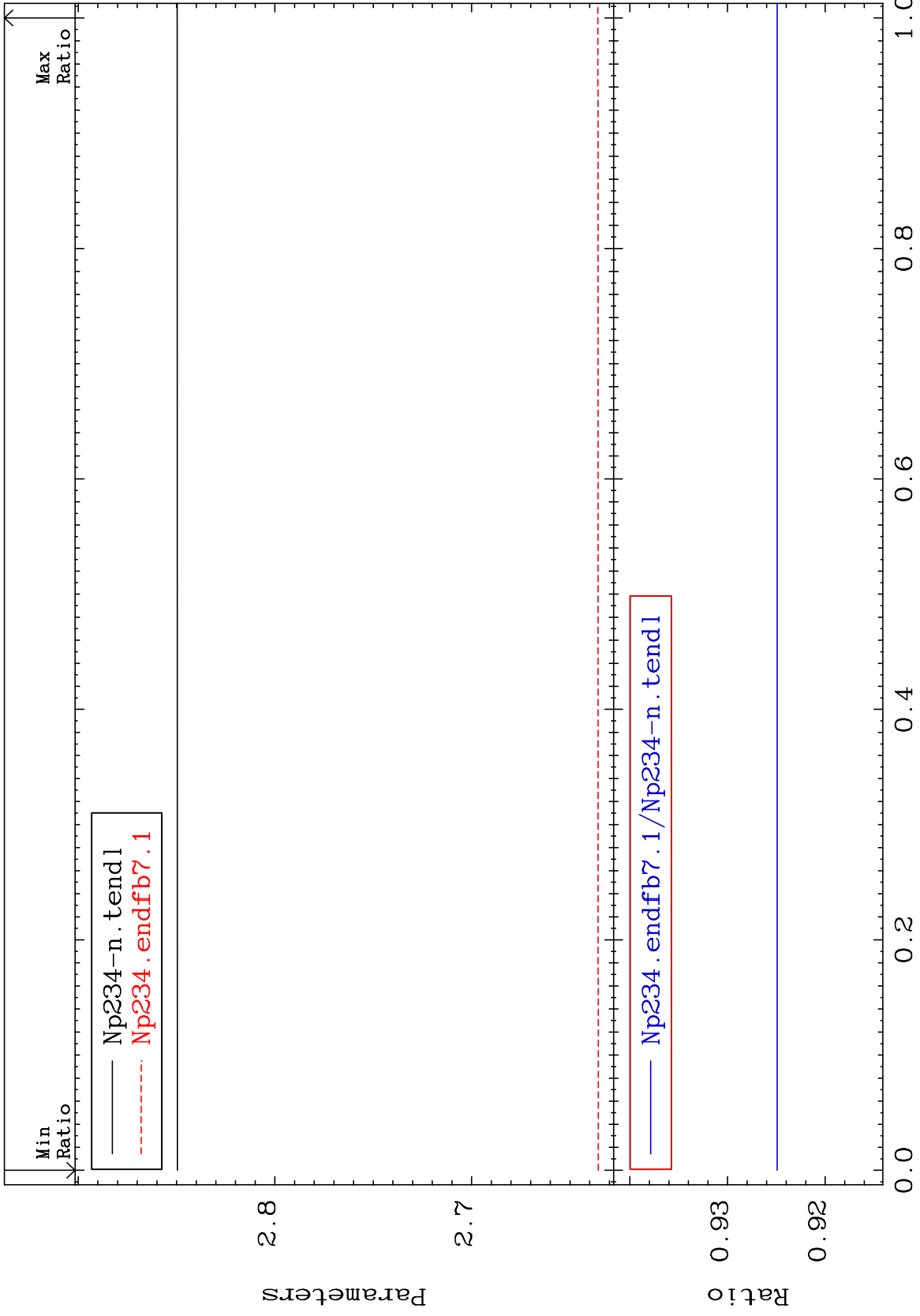


MAT 9337

Total  $\bar{\nu}$   
Parameters

93-Np-234  
-7.507 To -7.507%



1

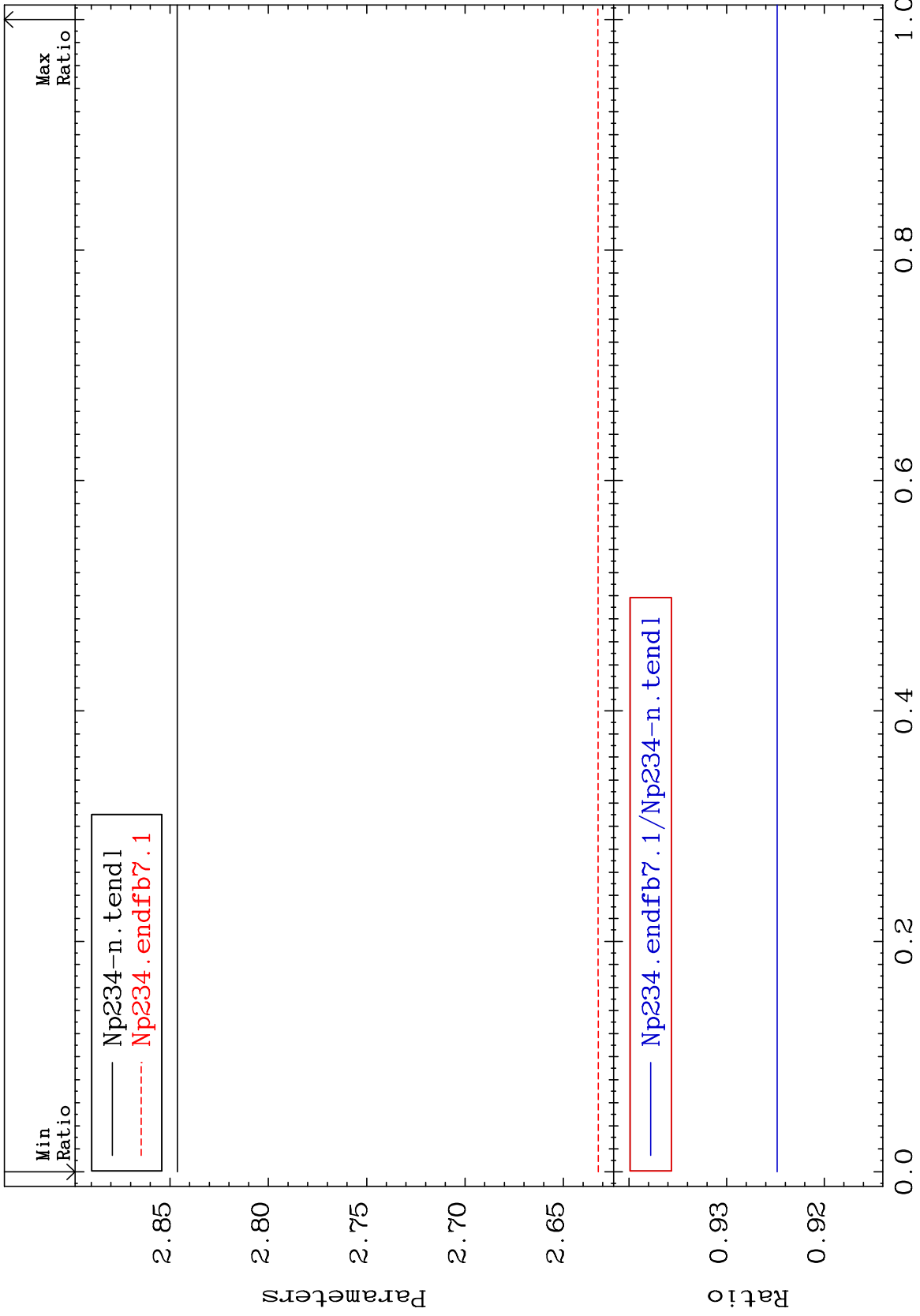
Incident Energy (KeV)

93-Np-234

MAT 9337

Prompt  $\bar{\nu}$   
Parameters

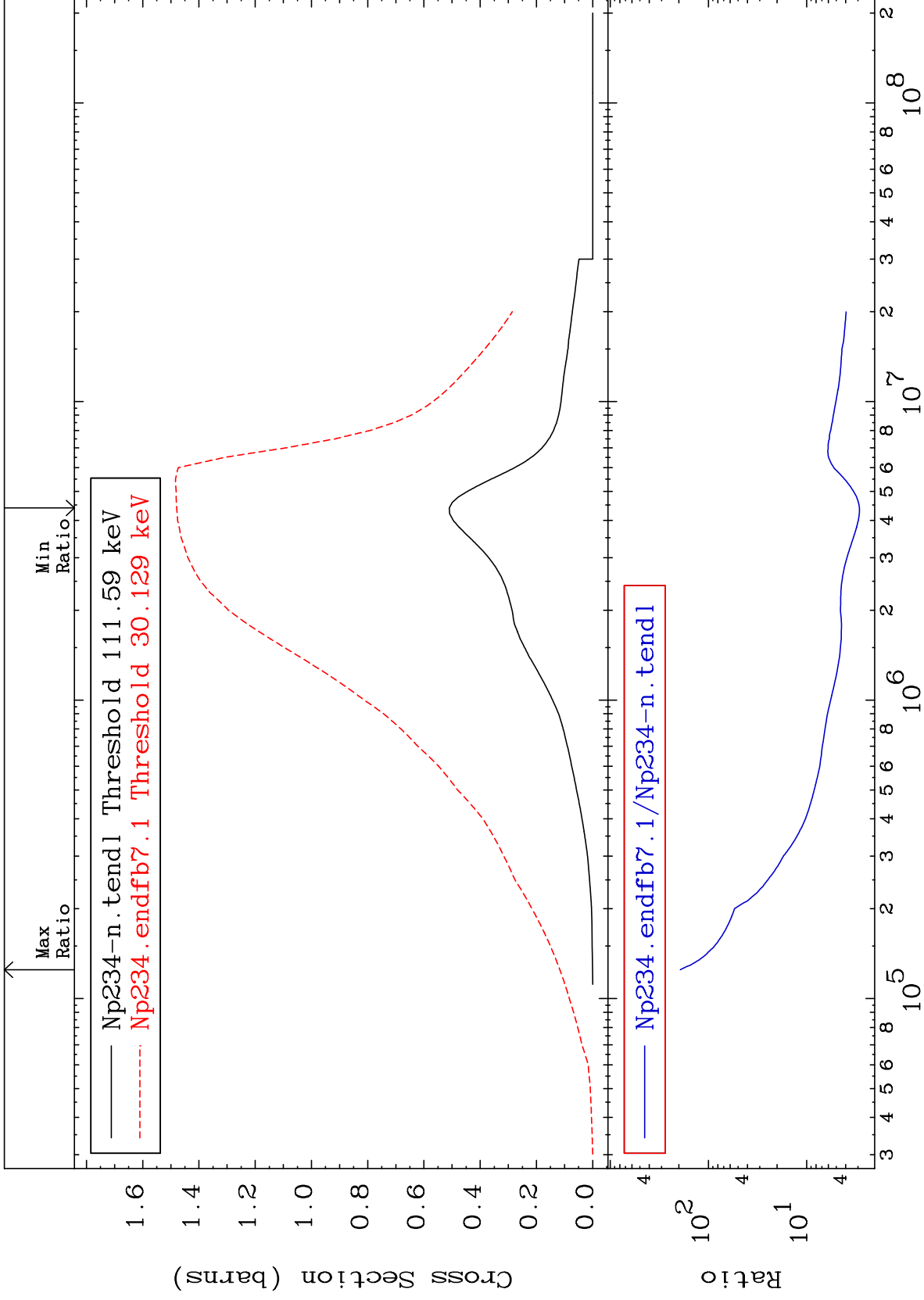
93-Np-234  
-7.516 To -7.516%



MAT 9337

Inelastic  
Cross Section

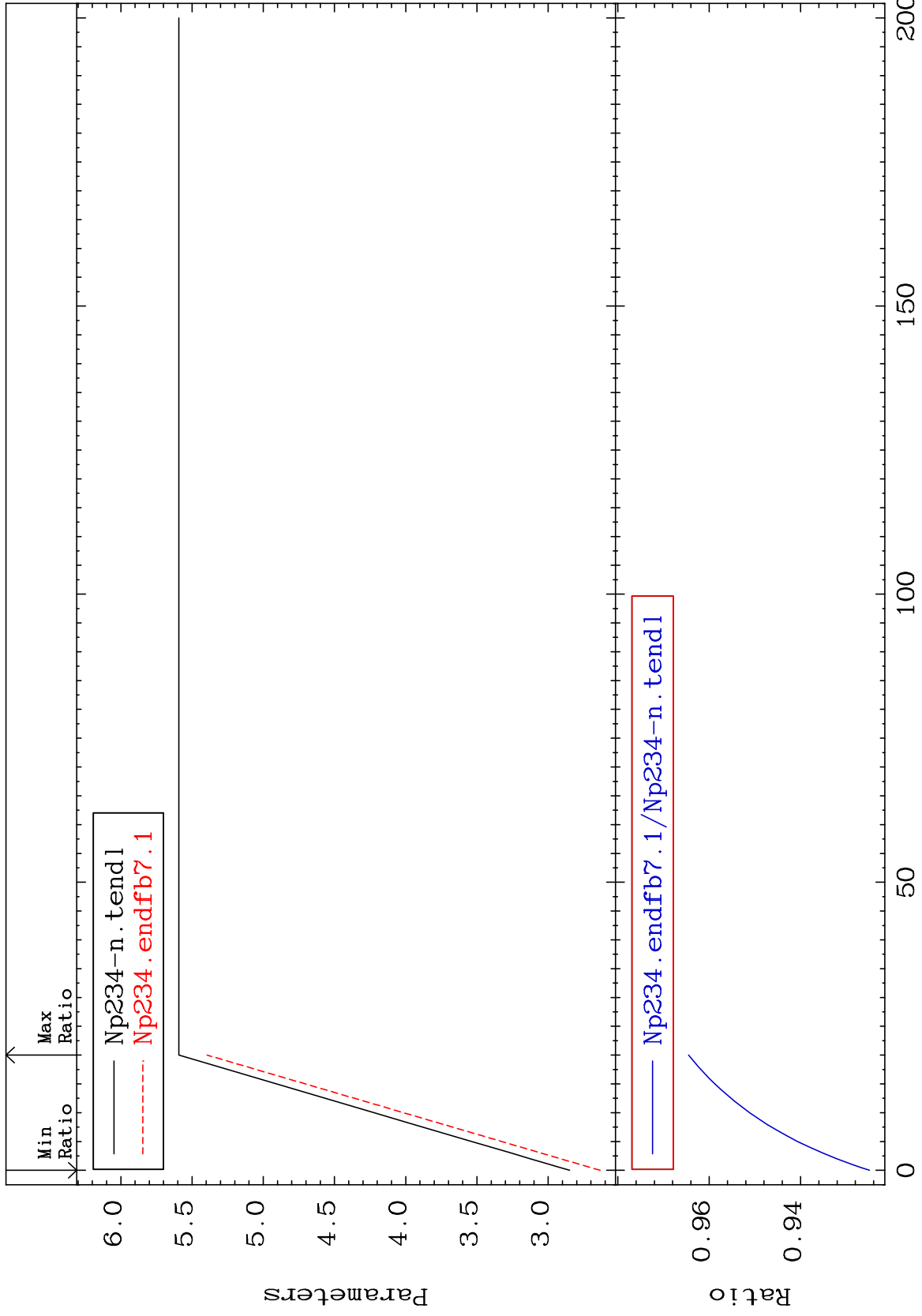
93-Np-234  
190.0 To 9999. %



MAT 9337

Total  $\bar{\nu}$   
Parameters

93-Np-234  
-7.507 To -3.550%



1

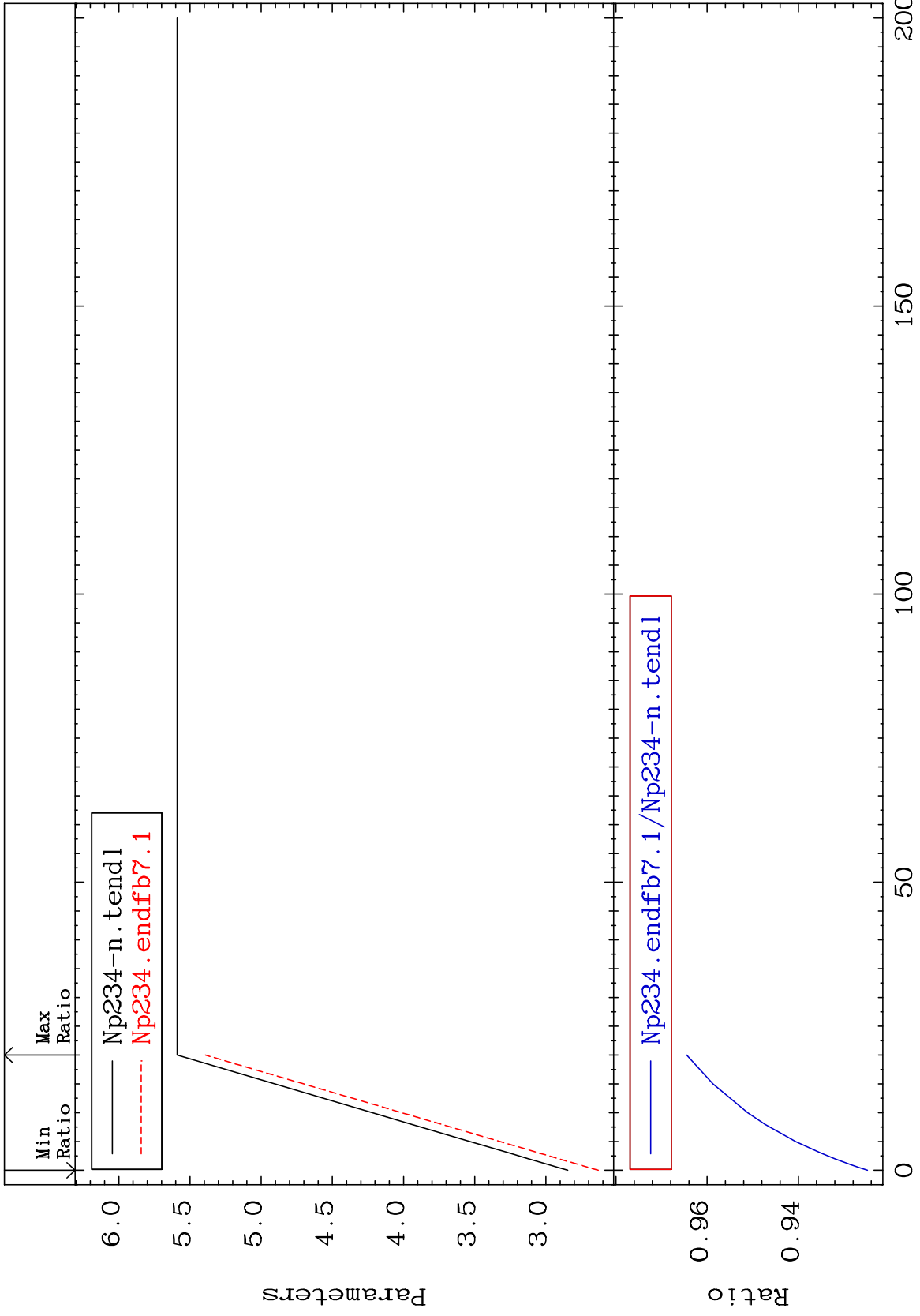
Incident Energy (MeV)

93-Np-234

MAT 9337

Prompt  $\bar{\nu}$   
Parameters

93-Np-234  
-7.516 To -3.551%



2

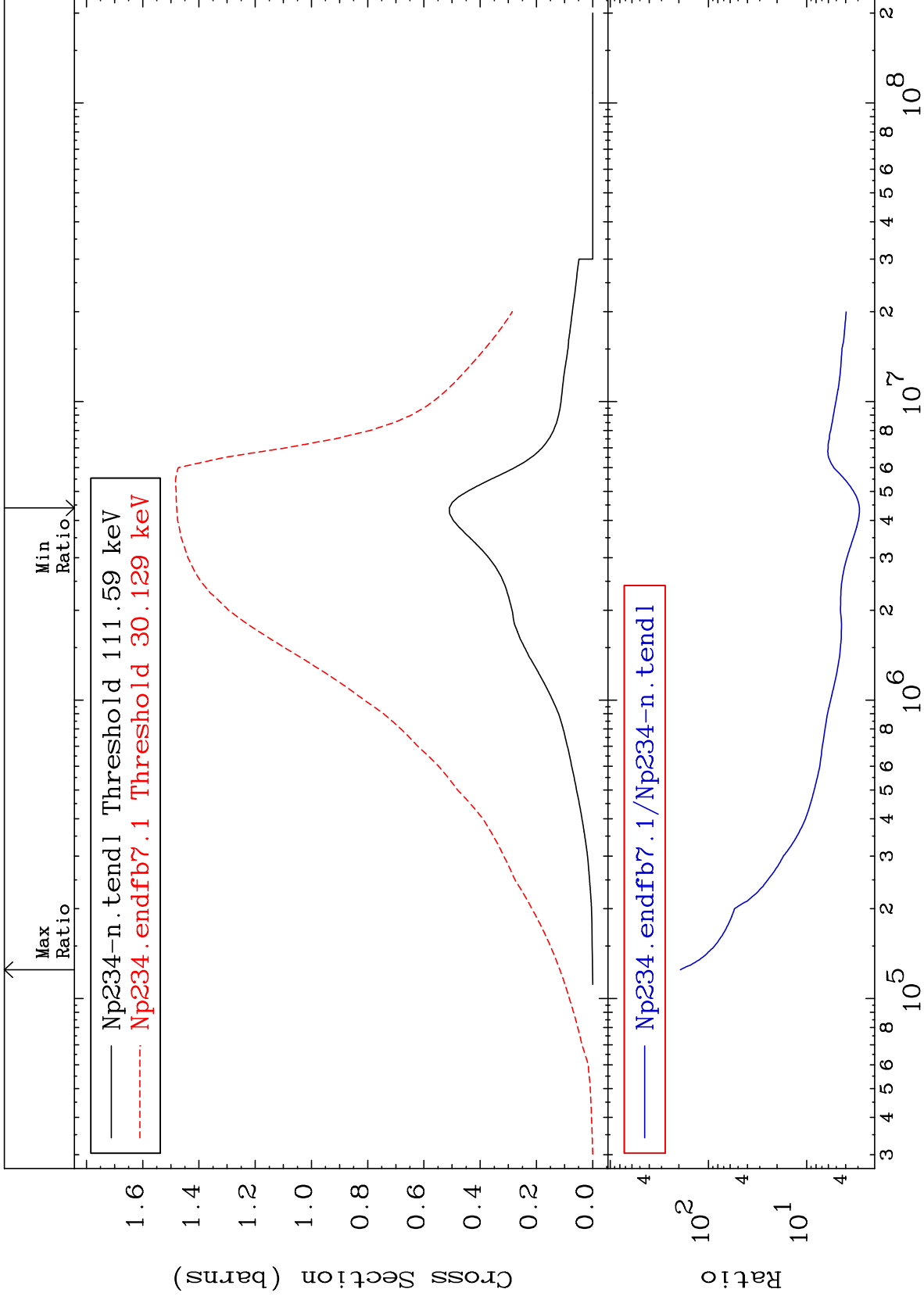
Incident Energy (MeV)

93-Np-234

MAT 9337

Inelastic  
Cross Section

93-Np-234  
190.0 To 9999. %



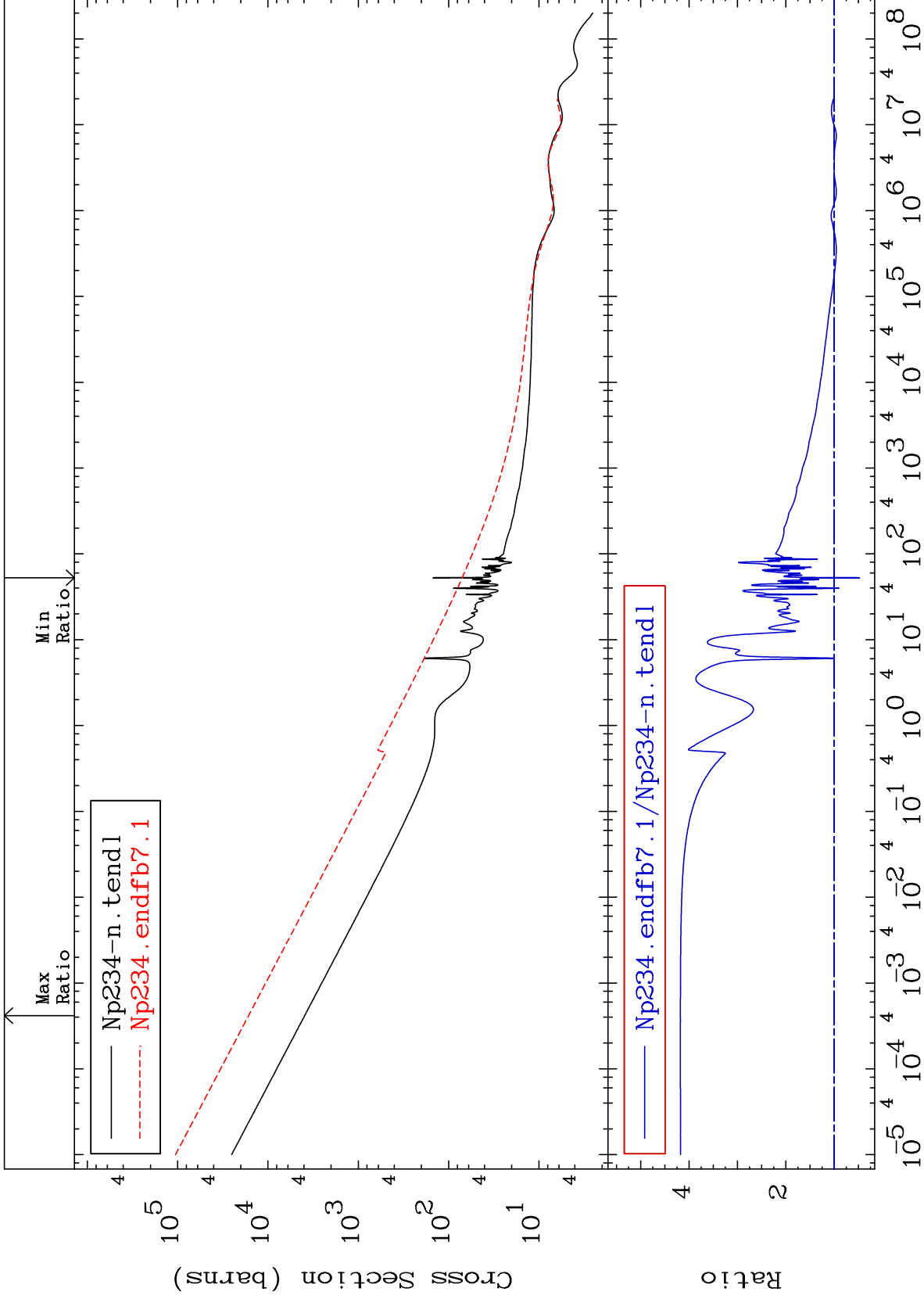
MAT 9337

Total

93-Np-234

Cross Section

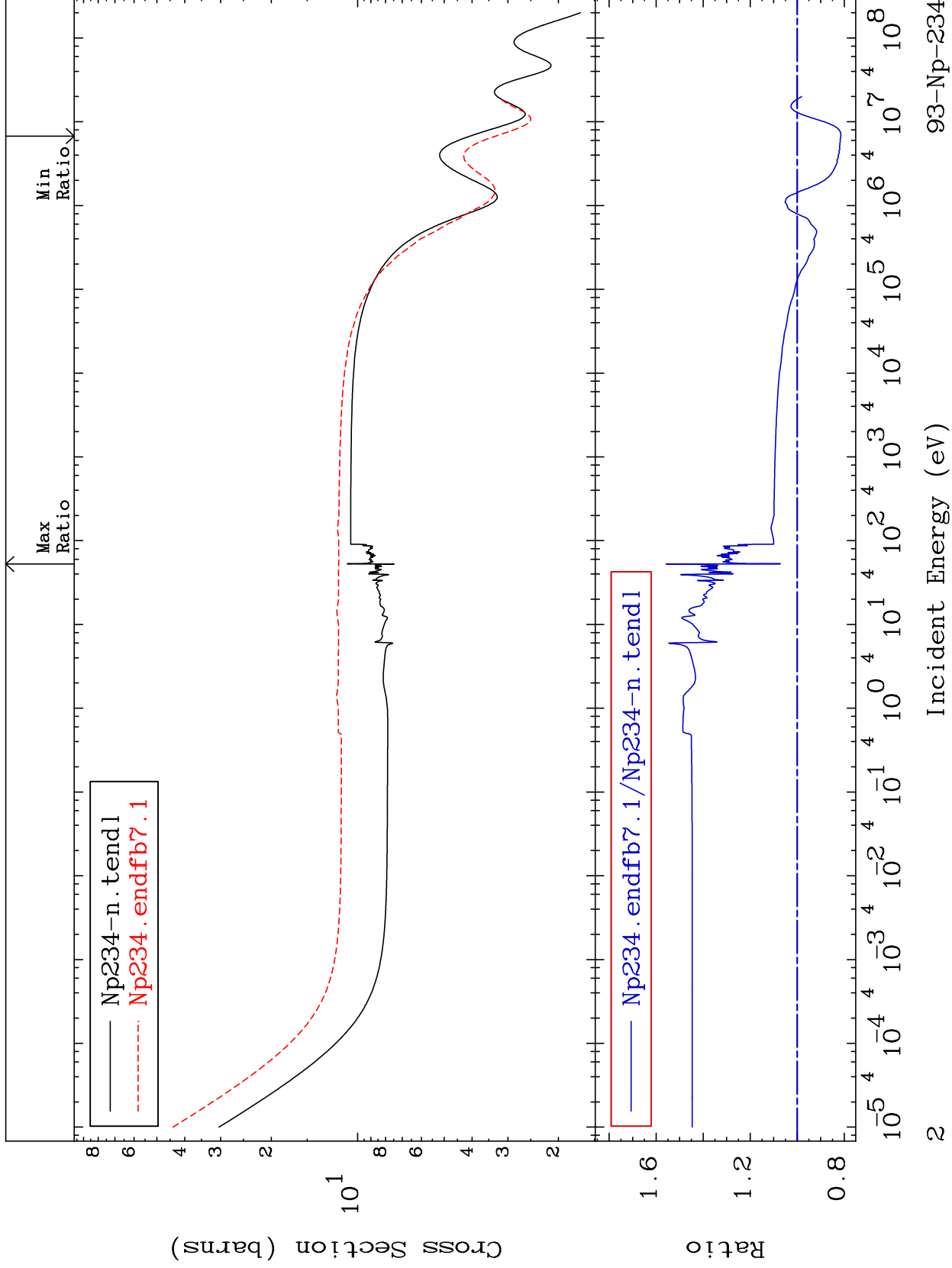
-52.13 To 318.1 %



MAT 9337

Elastic  
Cross Section

93-Np-234  
-18.56 To 55.82 %



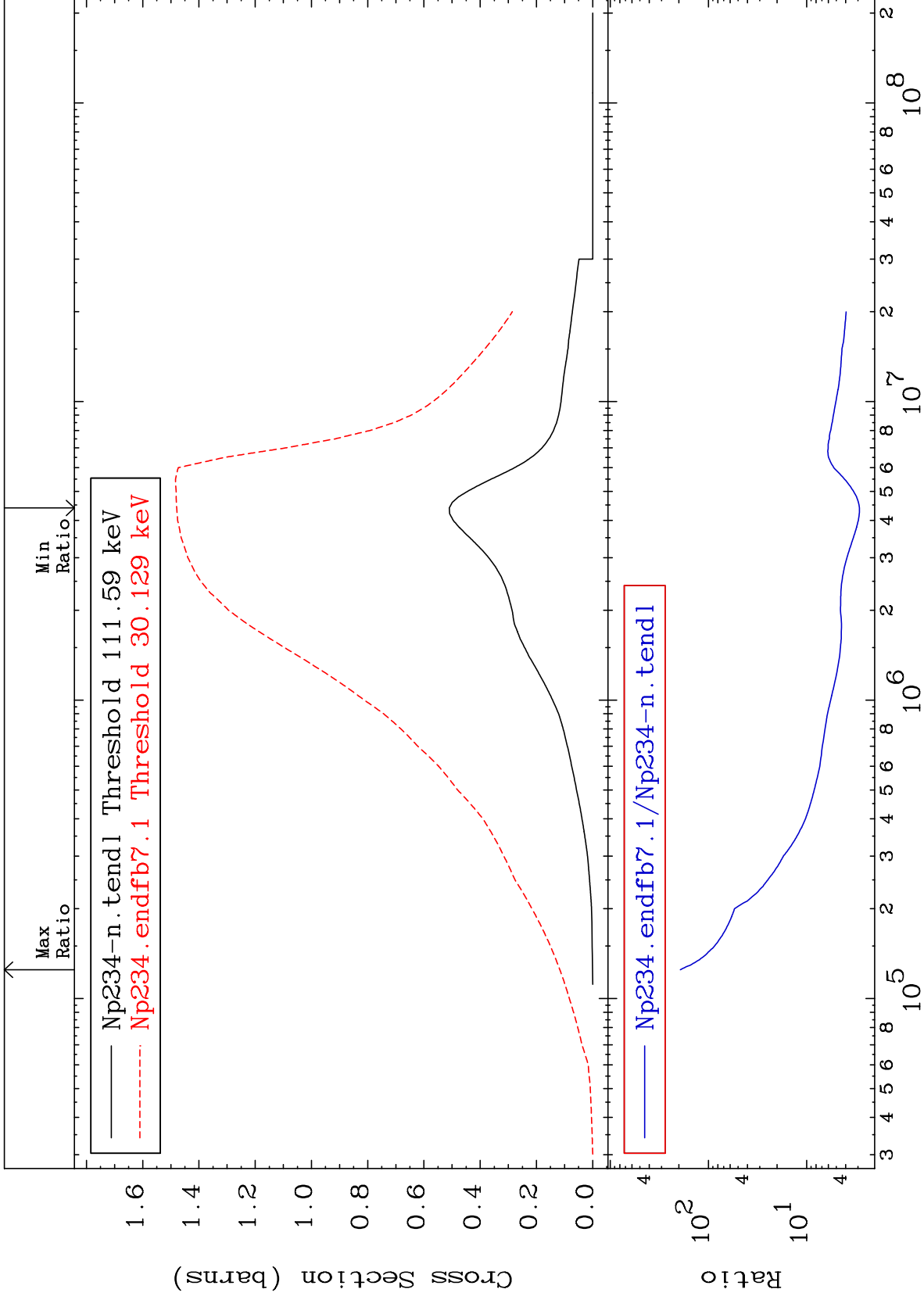
93-Np-234



MAT 9337

Inelastic  
Cross Section

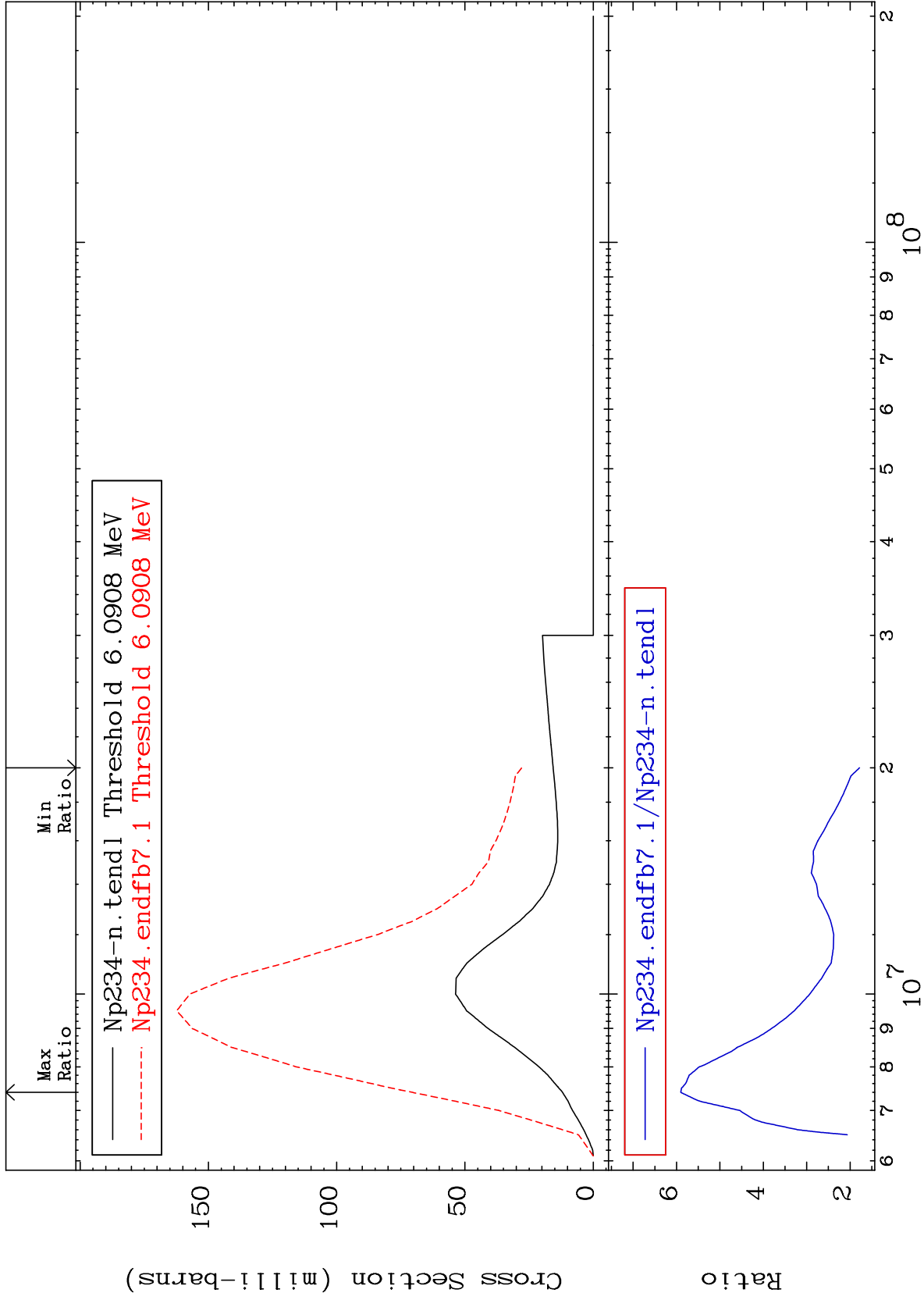
93-Np-234  
190.0 To 9999. %



MAT 9337

(n,2n)  
Cross Section

93-Np-234  
78.26 To 490.2 %



4

Incident Energy (eV)

93-Np-234

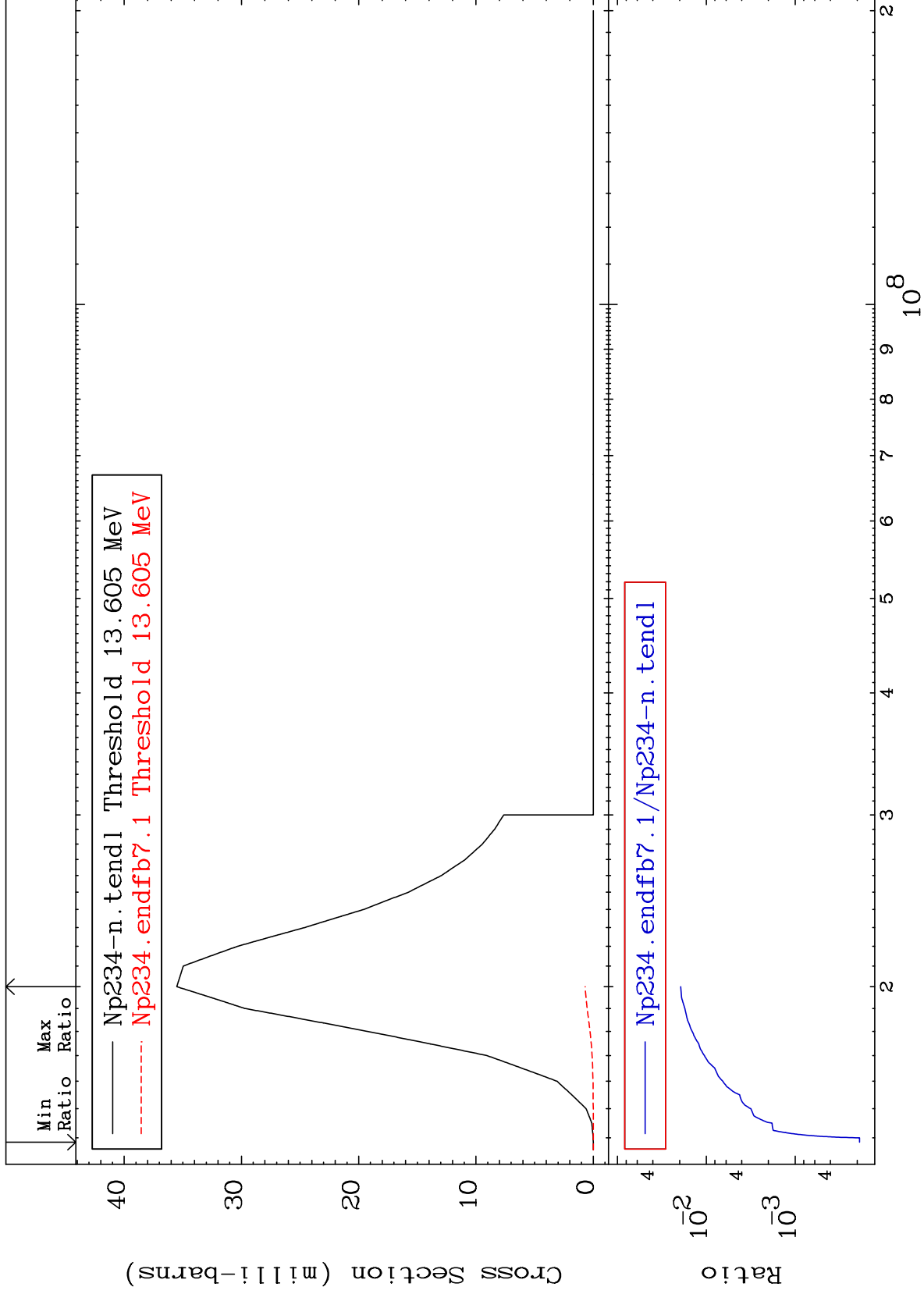
MAT 9337

(n,3n)

93-Np-234

Cross Section

-99.98 To -98.06%

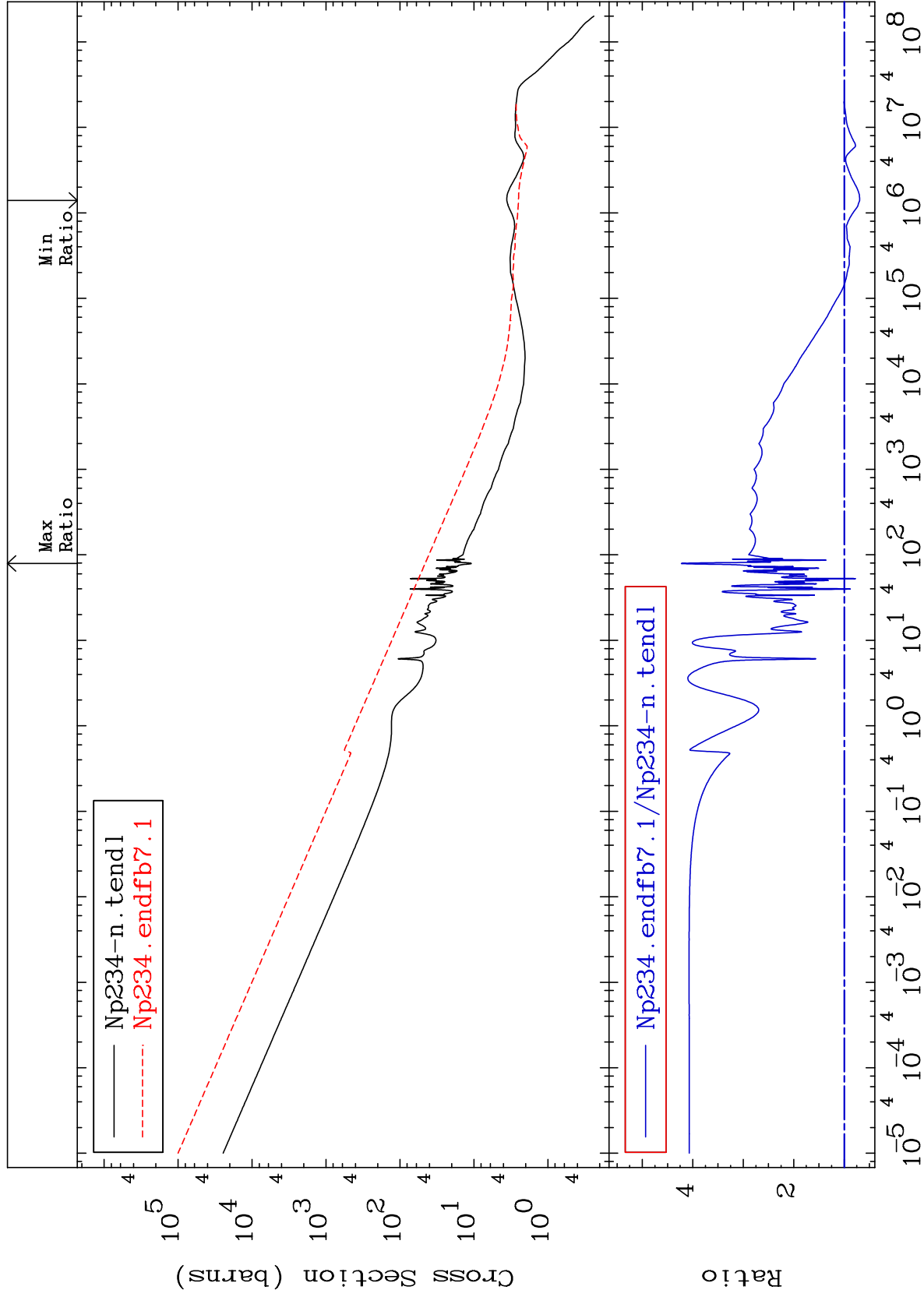


MAT 9337

93-Np-234

Fission  
Cross Section

-30.63 To 323.0 %



6

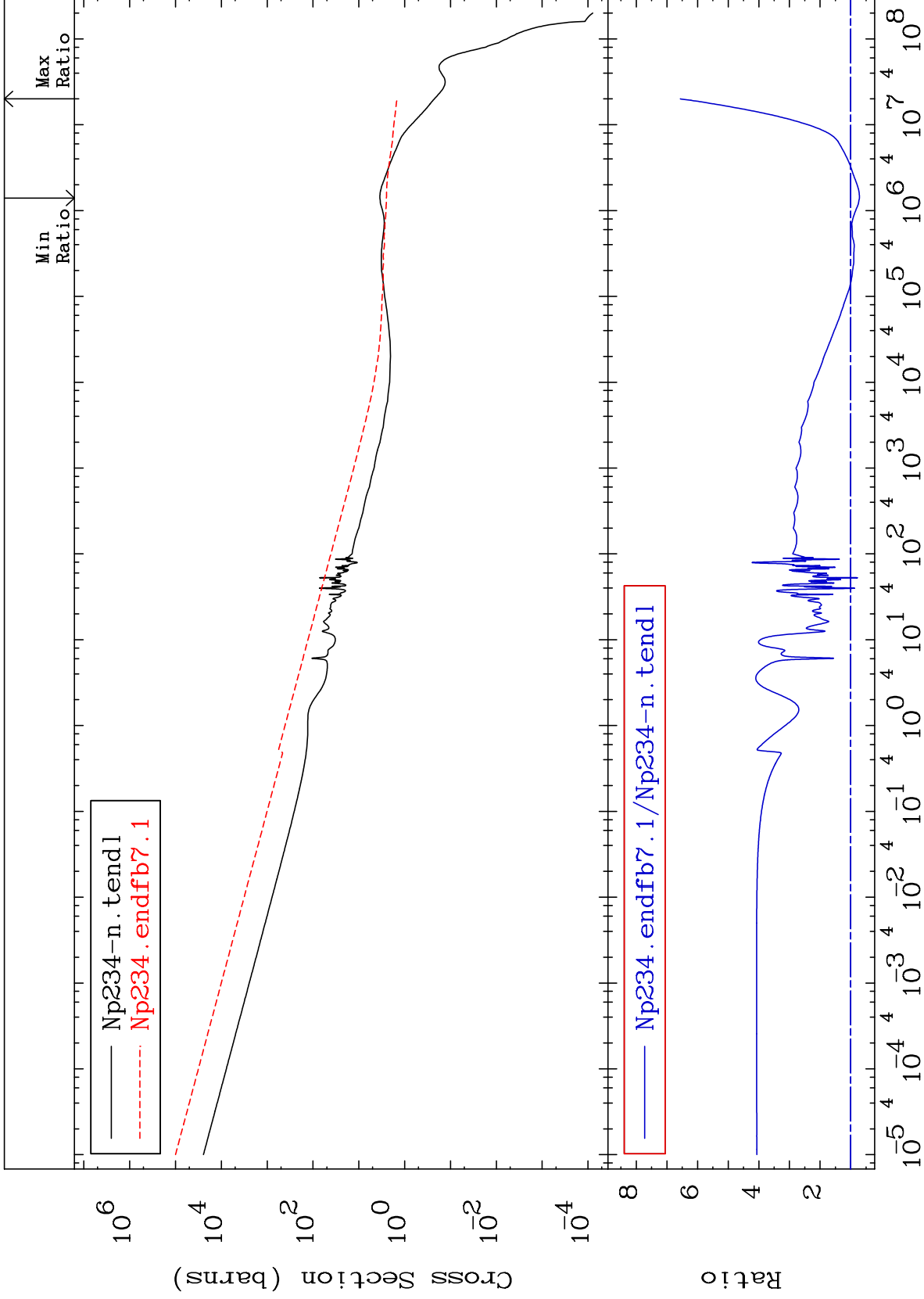
Incident Energy (eV)

93-Np-234

MAT 9337

(n,f) First Chance  
Cross Section

93-Np-234  
-28.34 To 556.1 %



7

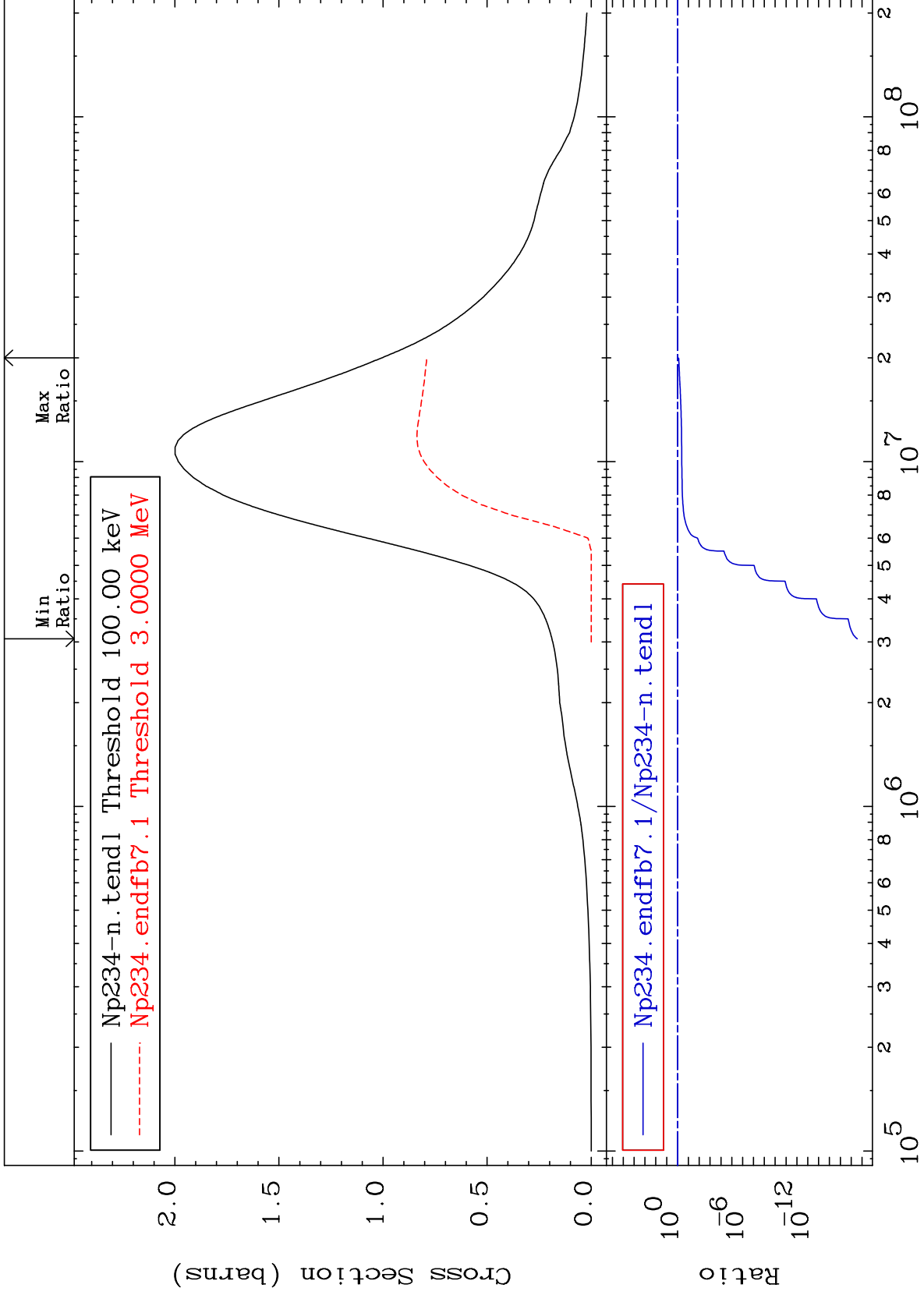
Incident Energy (eV)

93-Np-234

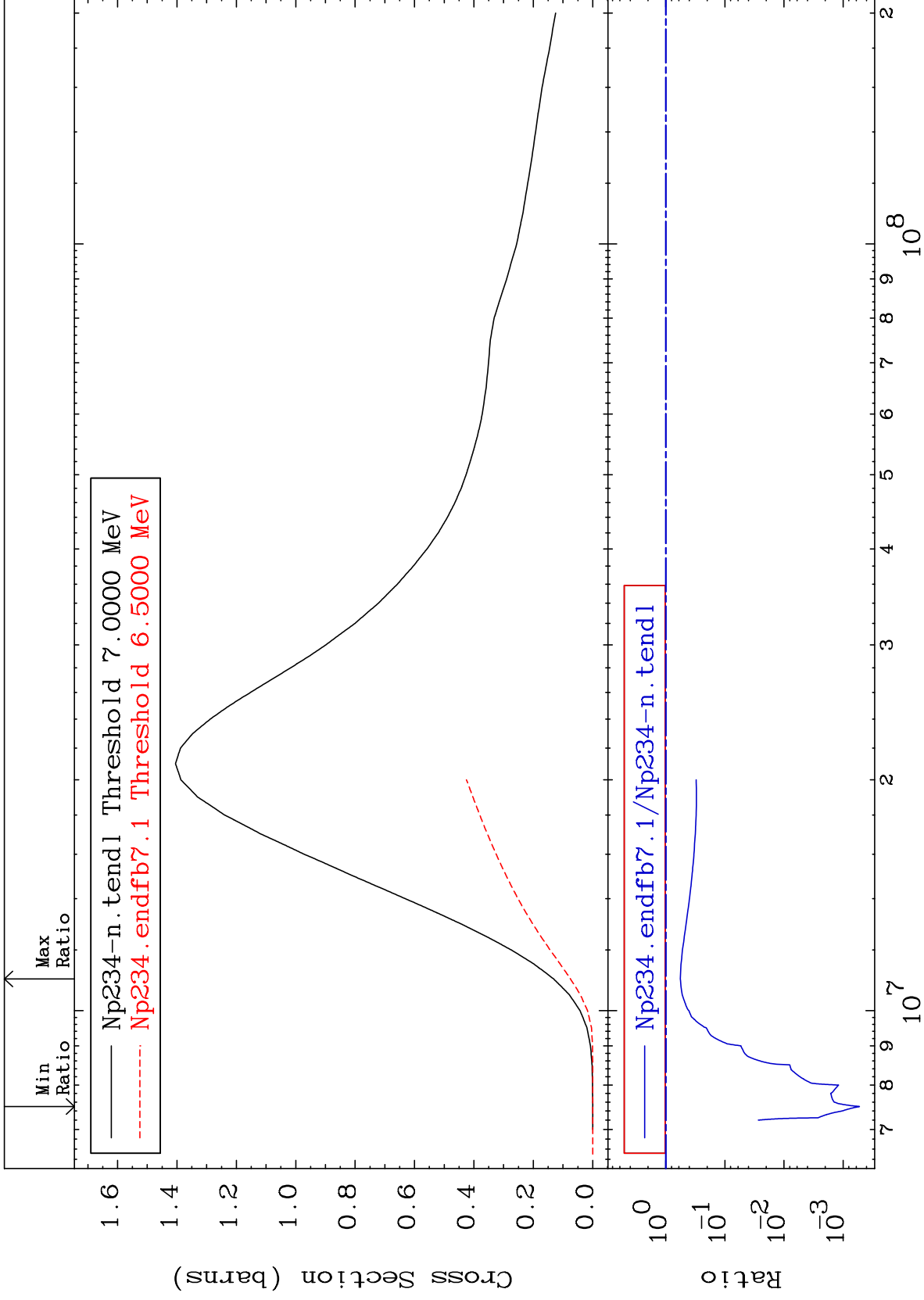
MAT 9337

(n, nf) Second Chance  
Cross Section

93-Np-234  
-100.0 To -21.28%



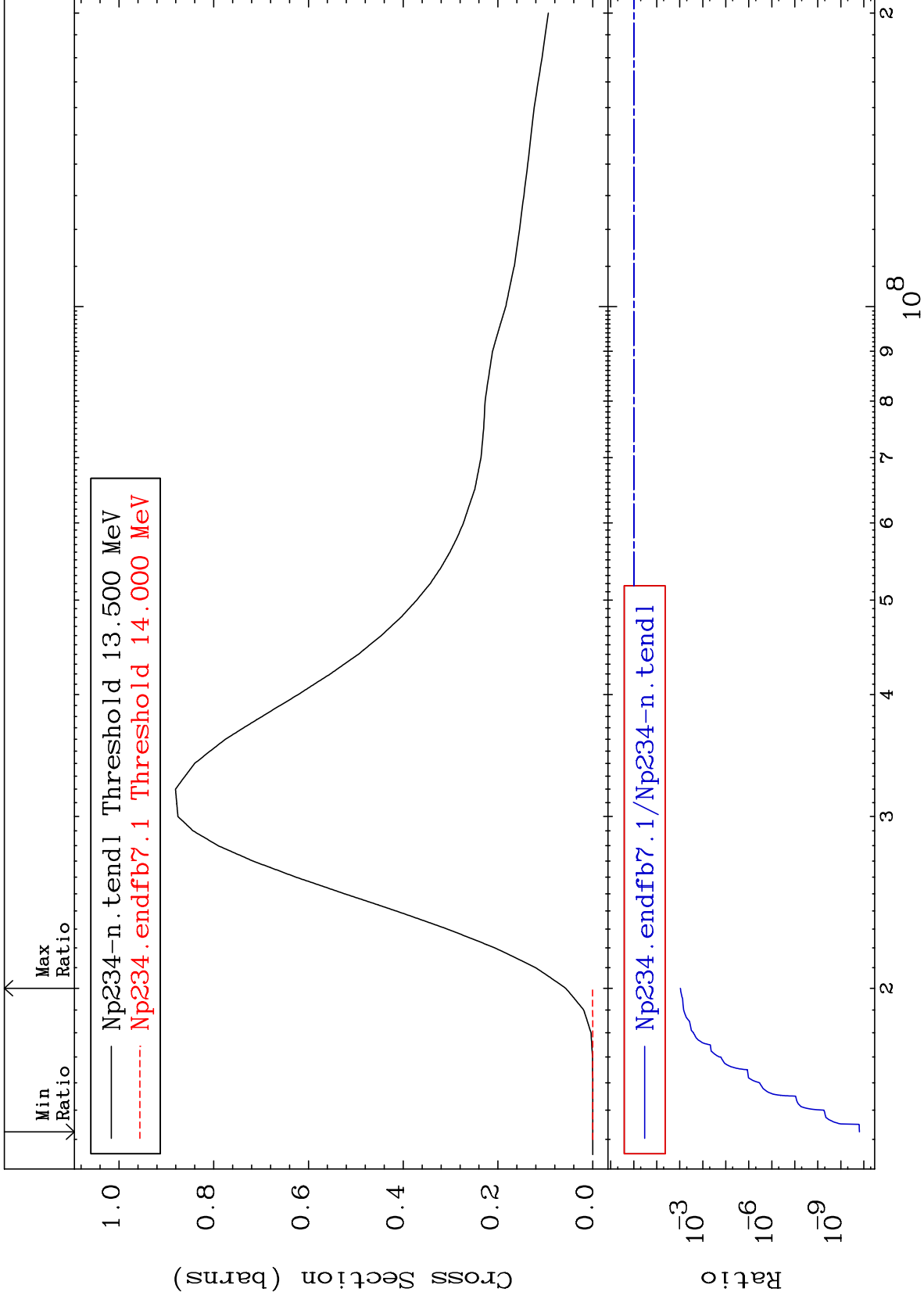
93-Np-234



MAT 9337

(n,3nf) Fourth Chance  
Cross Section

93-Np-234  
-100.0 To -99.06%



10

Incident Energy (eV)

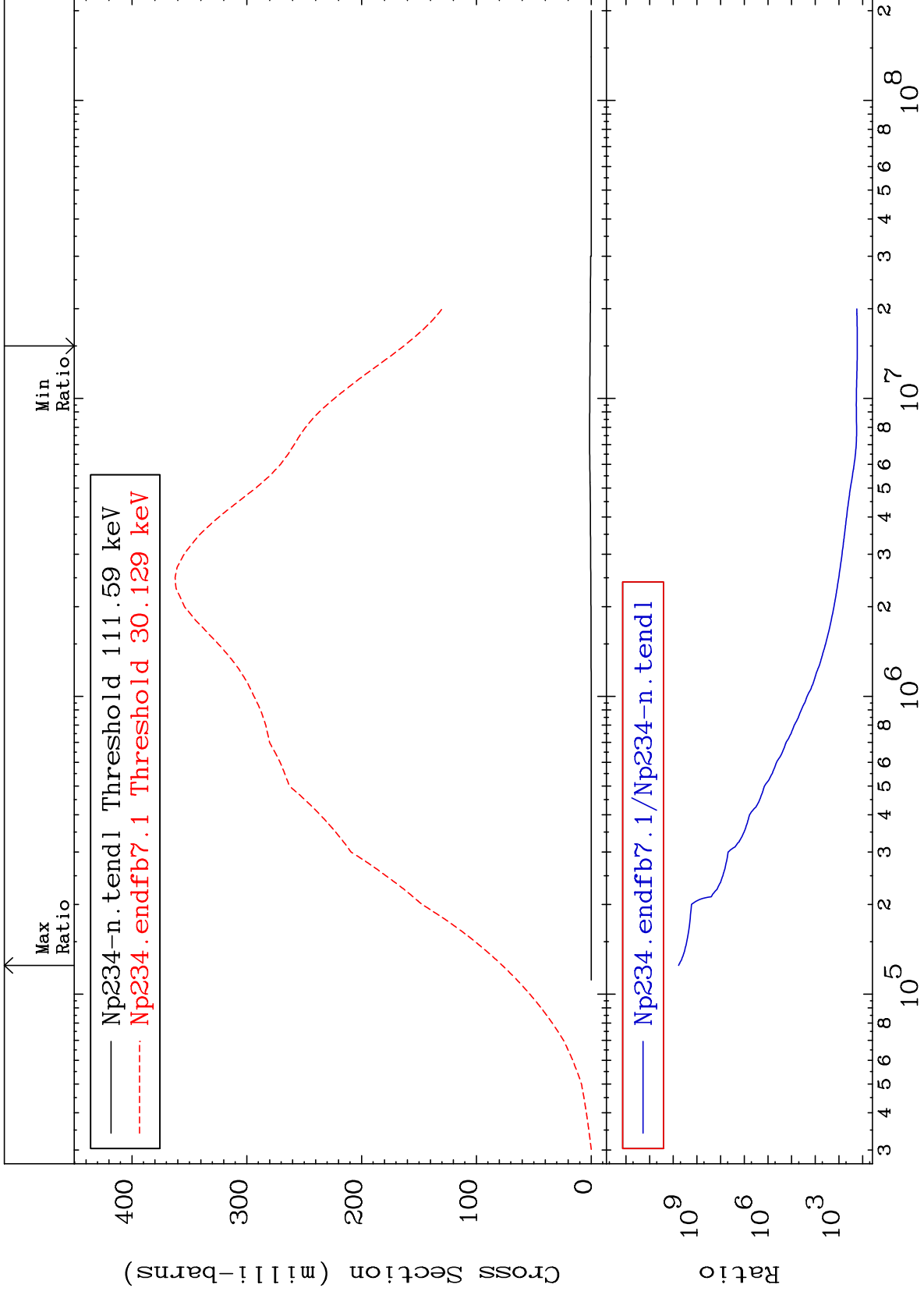
93-Np-234

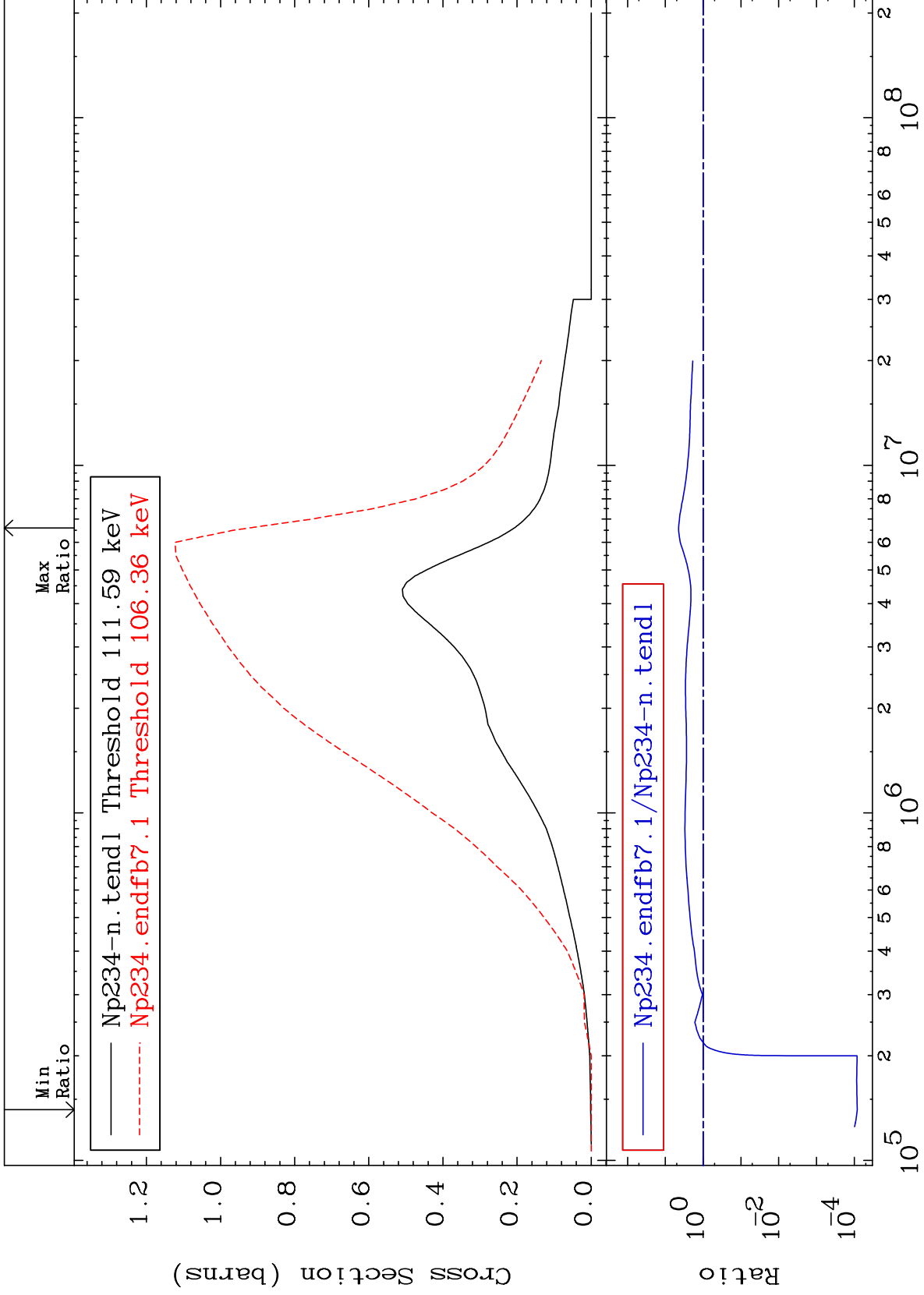


MAT 9337

111.1 keV (n,n') Level  
Cross Section

93-Np-234  
9999. To 9999. %

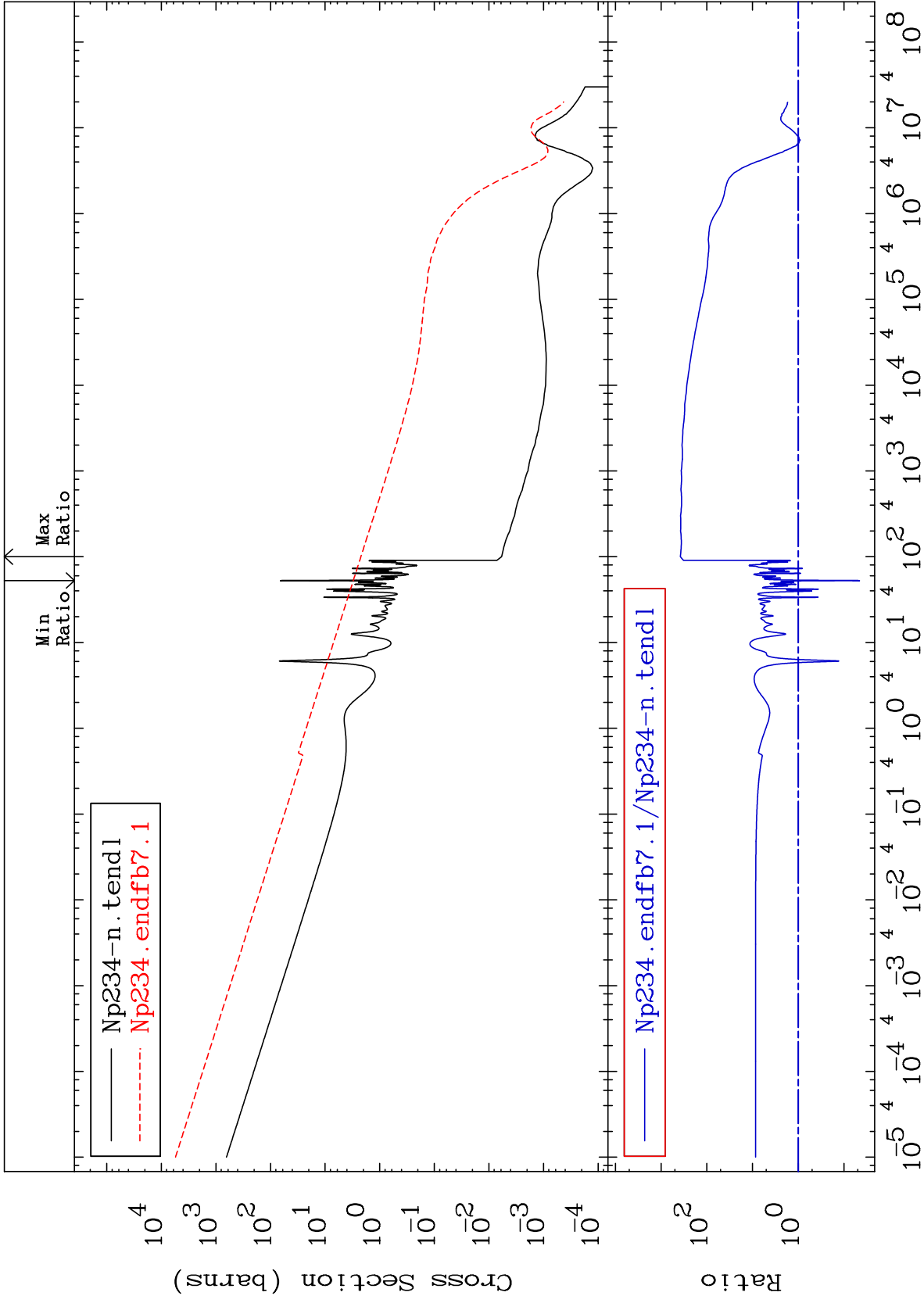




MAT 9337

(n,  $\gamma$ )  
Cross Section

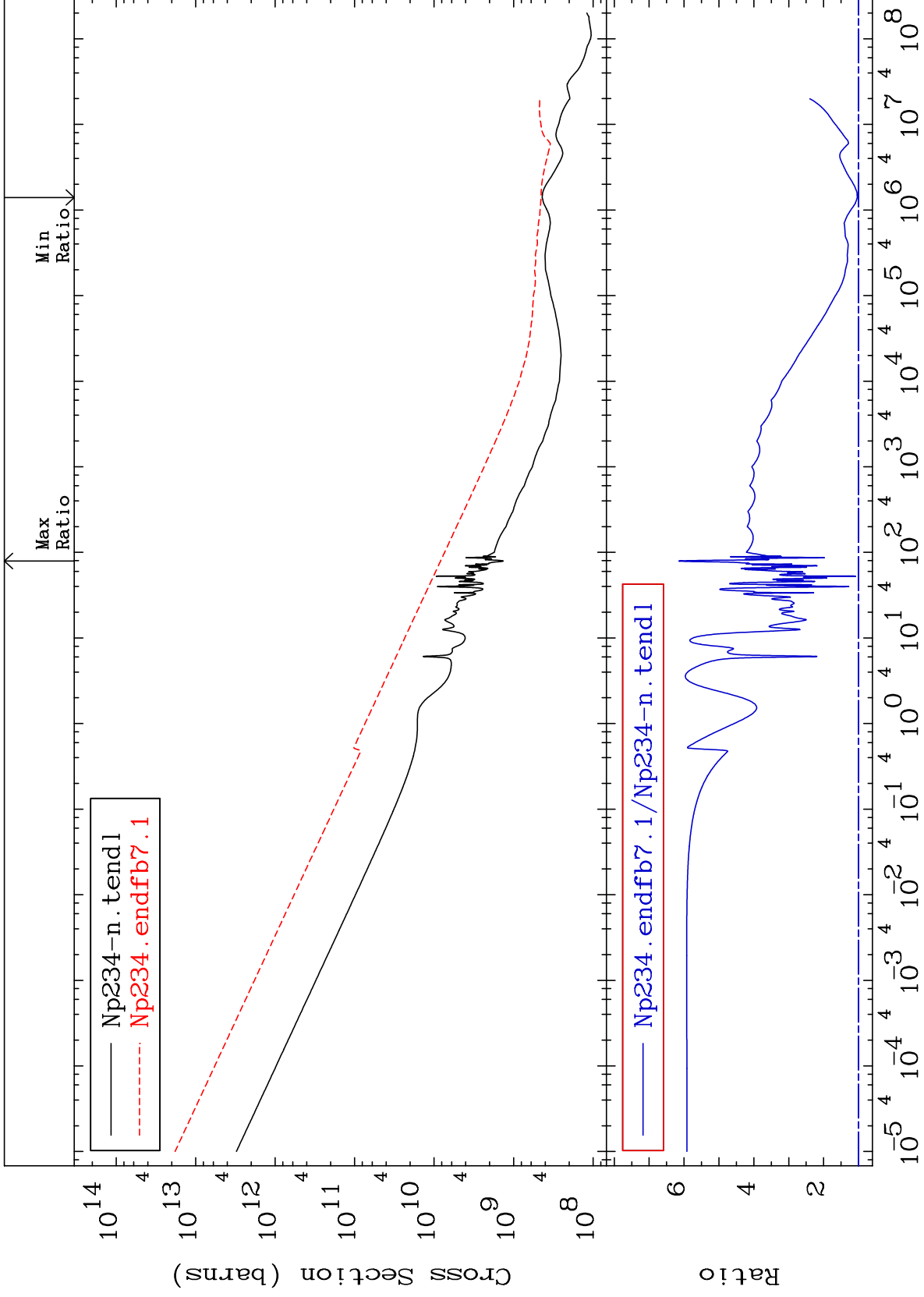
93-Np-234  
-95.42 To 9999. %



MAT 9337

Kerma total (eV-barns)  
Cross Section

93-Np-234  
3.663 To 515.5 %



14

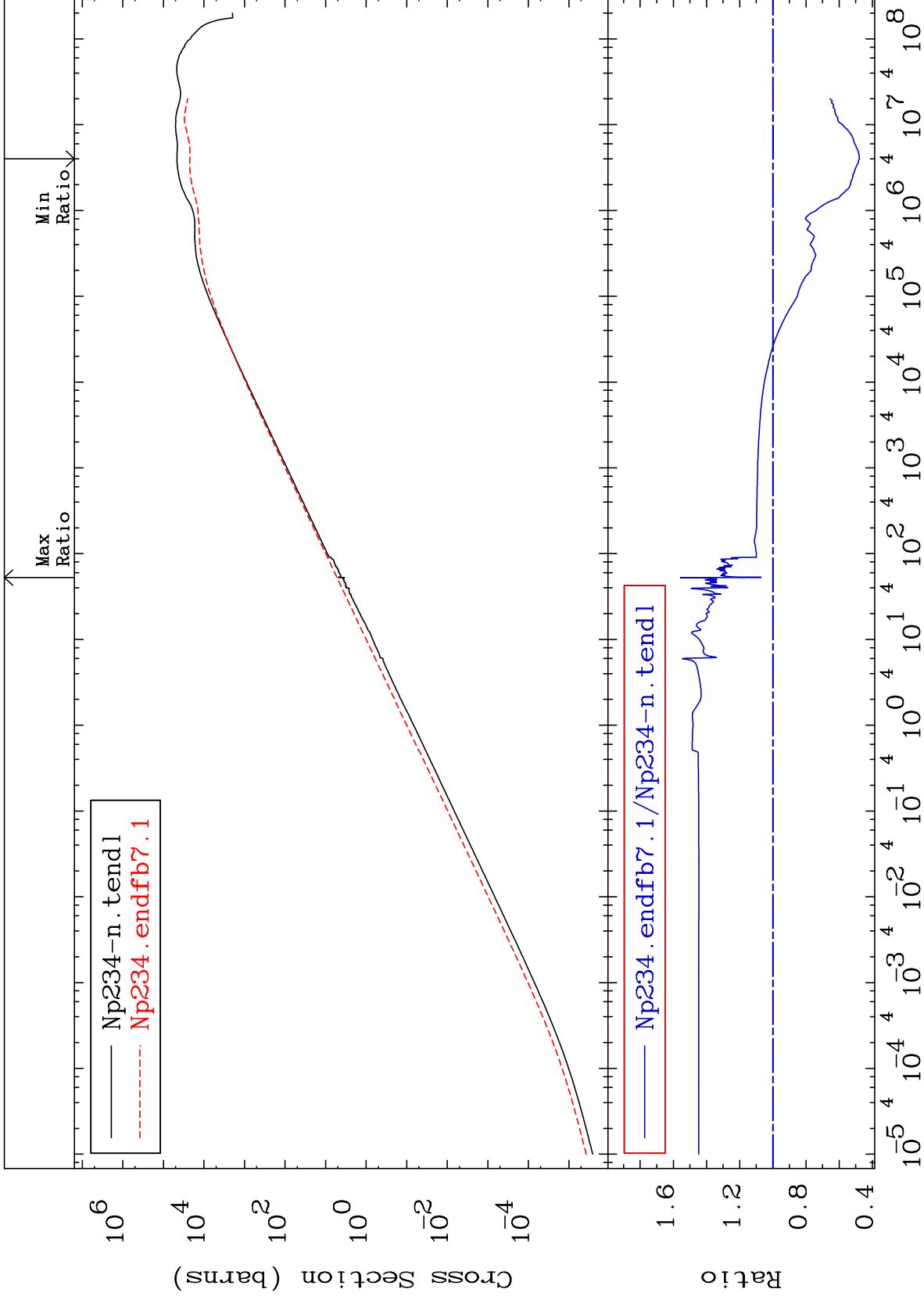
Incident Energy (eV)

93-Np-234

MAT 9337

Kerma elastic  
Cross Section

93-Np-234  
-52.23 To 55.76 %



15

Incident Energy (eV)

93-Np-234

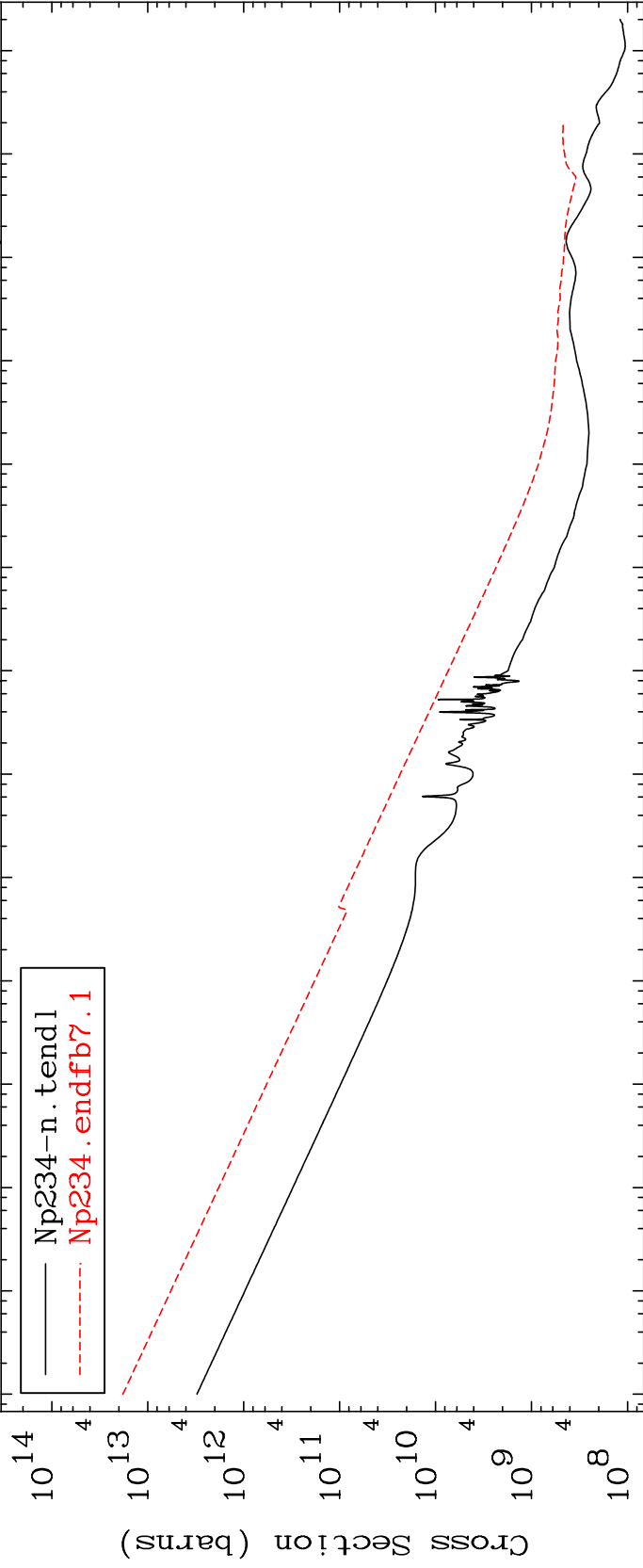
MAT 9337

Kerma non-elastic (all but mt2)  
Cross Section

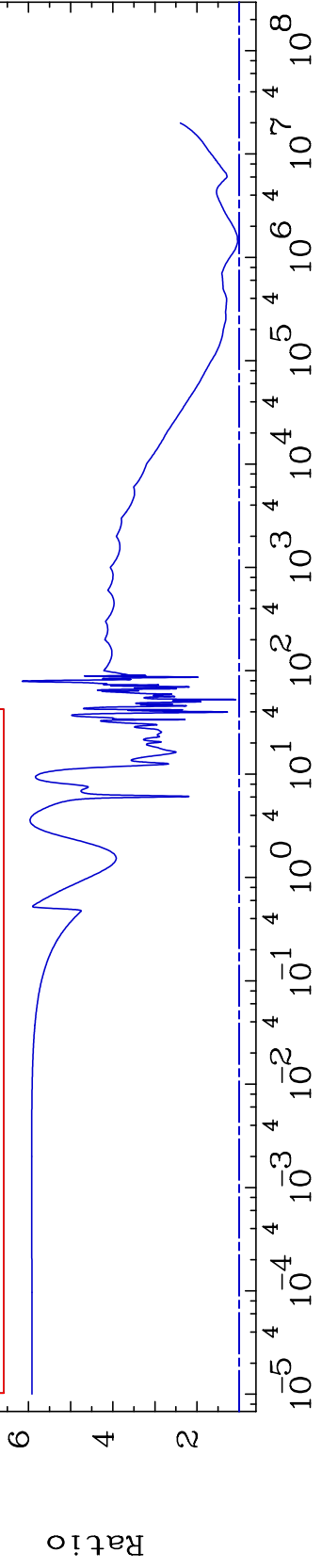
93-Np-234  
To 515.5 %

Max Ratio

Min Ratio



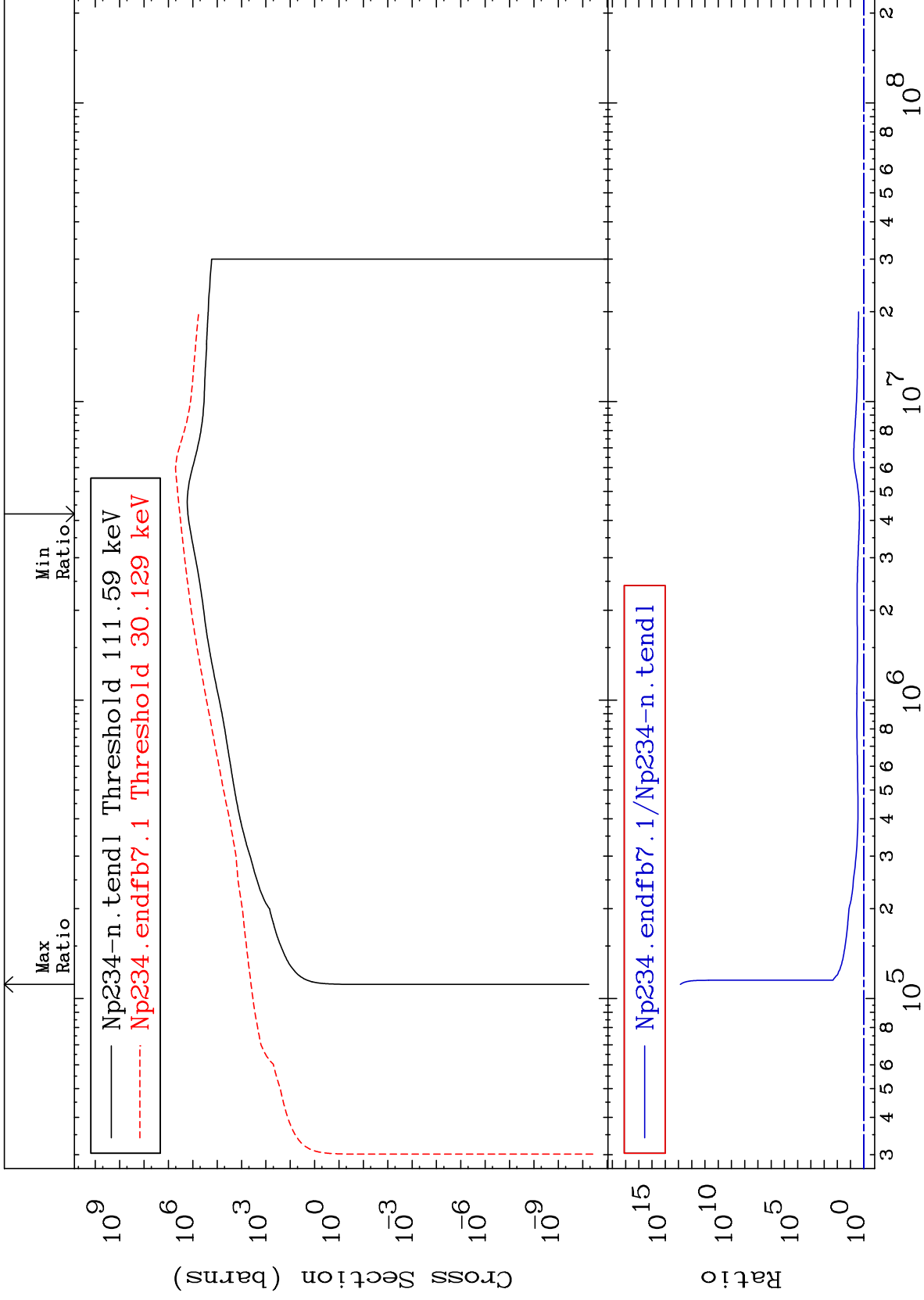
Np234.endfb7.1/Np234-n.tendl



16

Incident Energy (eV)

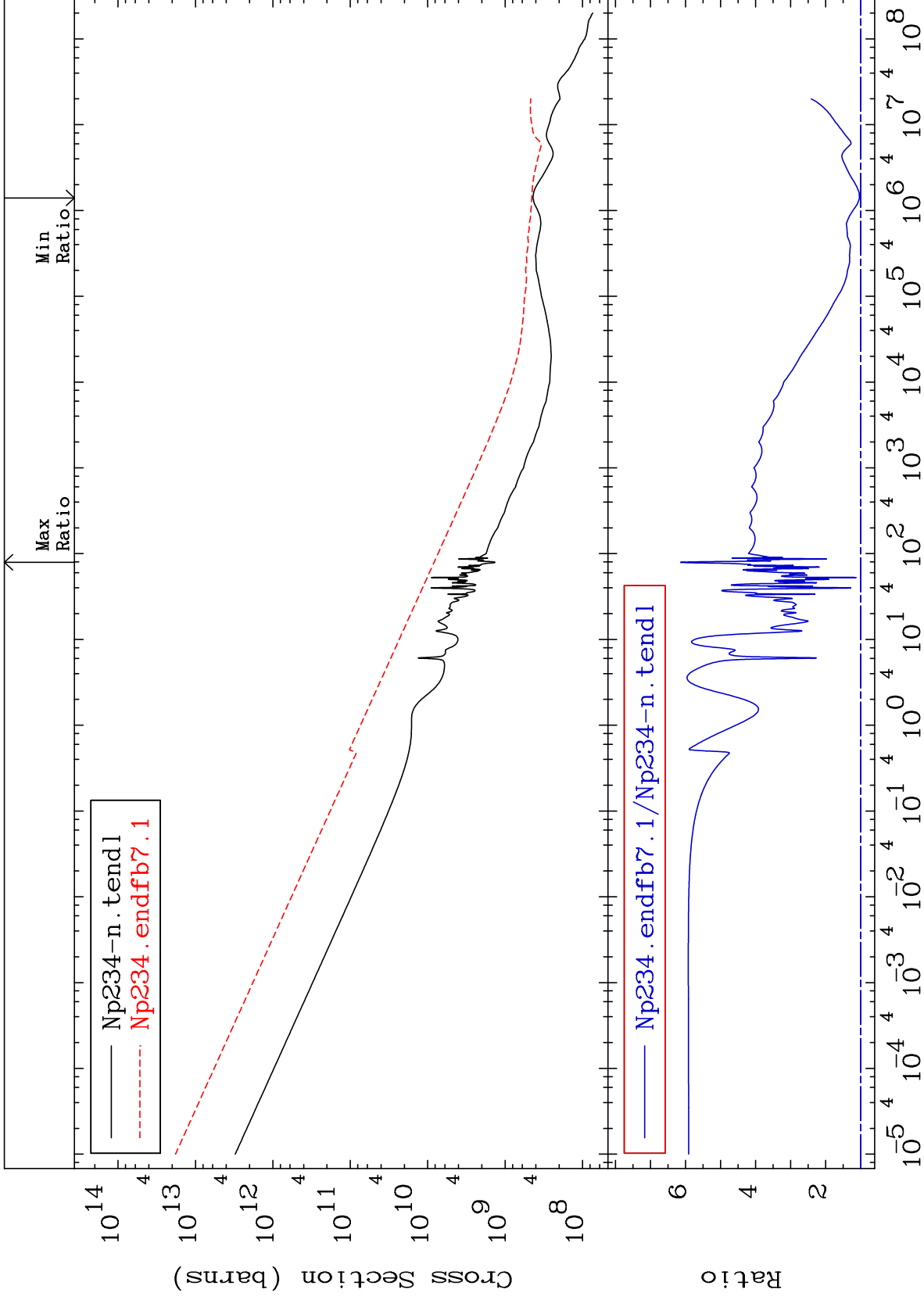
93-Np-234



MAT 9337

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

93-Np-234  
3.527 To 514.9 %

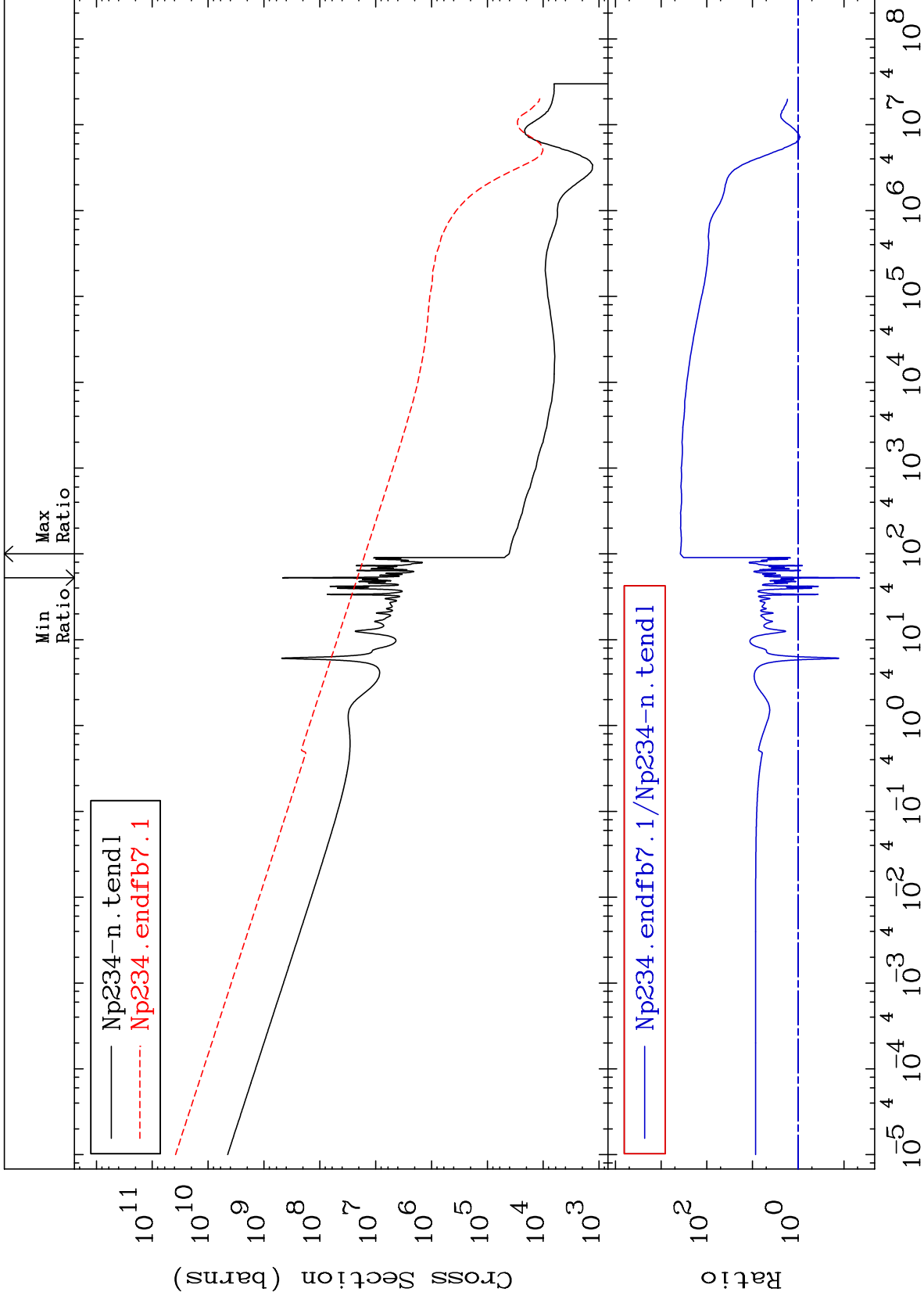


18

Incident Energy (eV)

93-Np-234





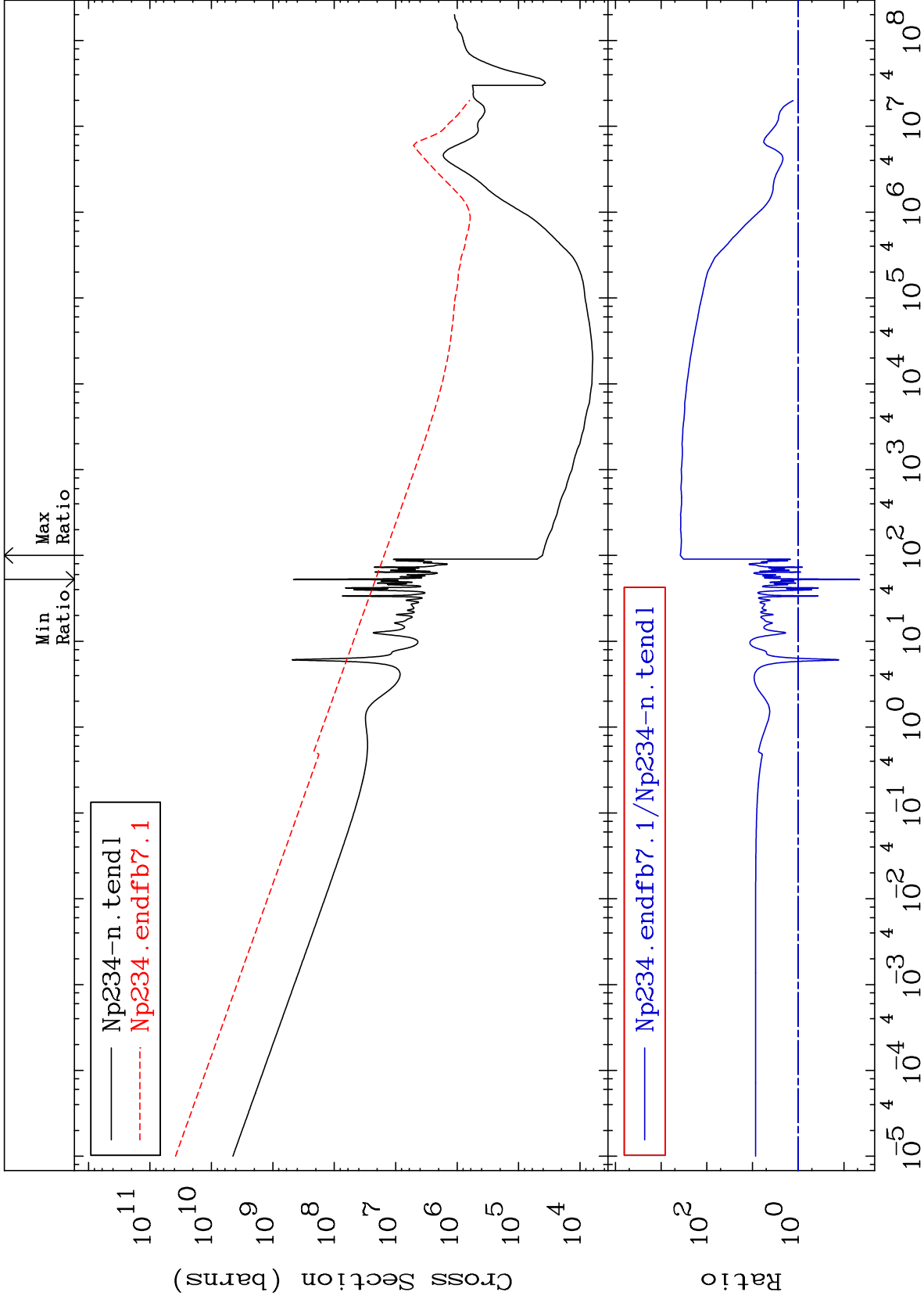
MAT 9337

Total photon (eV-barns)

93-Np-234

-95.43 To 9999. %

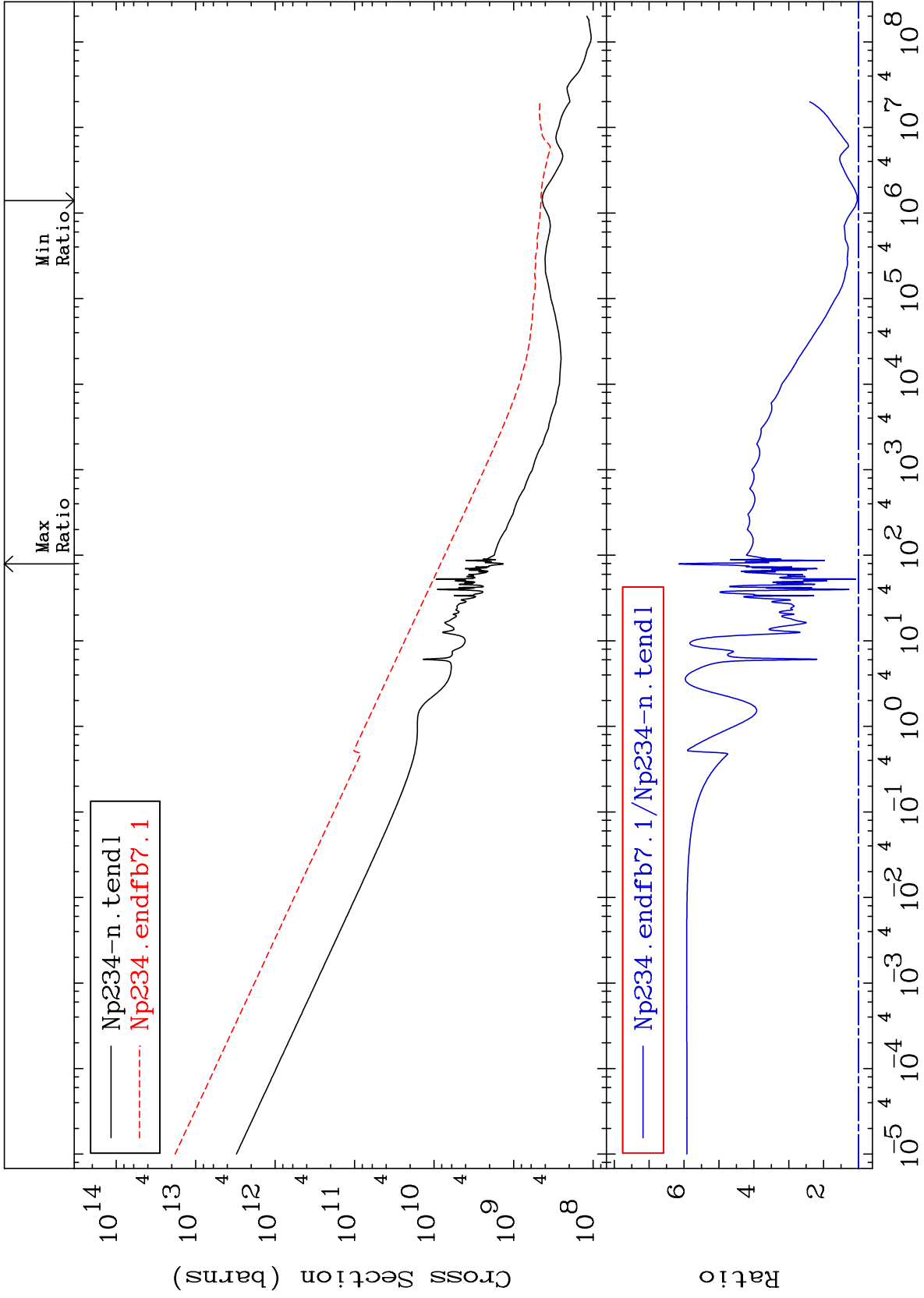
Cross Section



MAT 9337

Total kinematic kerma (high limit)  
Cross Section

93-Np-234  
3.665 To 515.5 %



21

Incident Energy (eV)

93-Np-234

MAT 9337

Dpa total (eV-barns)

93-Np-234

Cross Section

-90.78 To -45.91%

