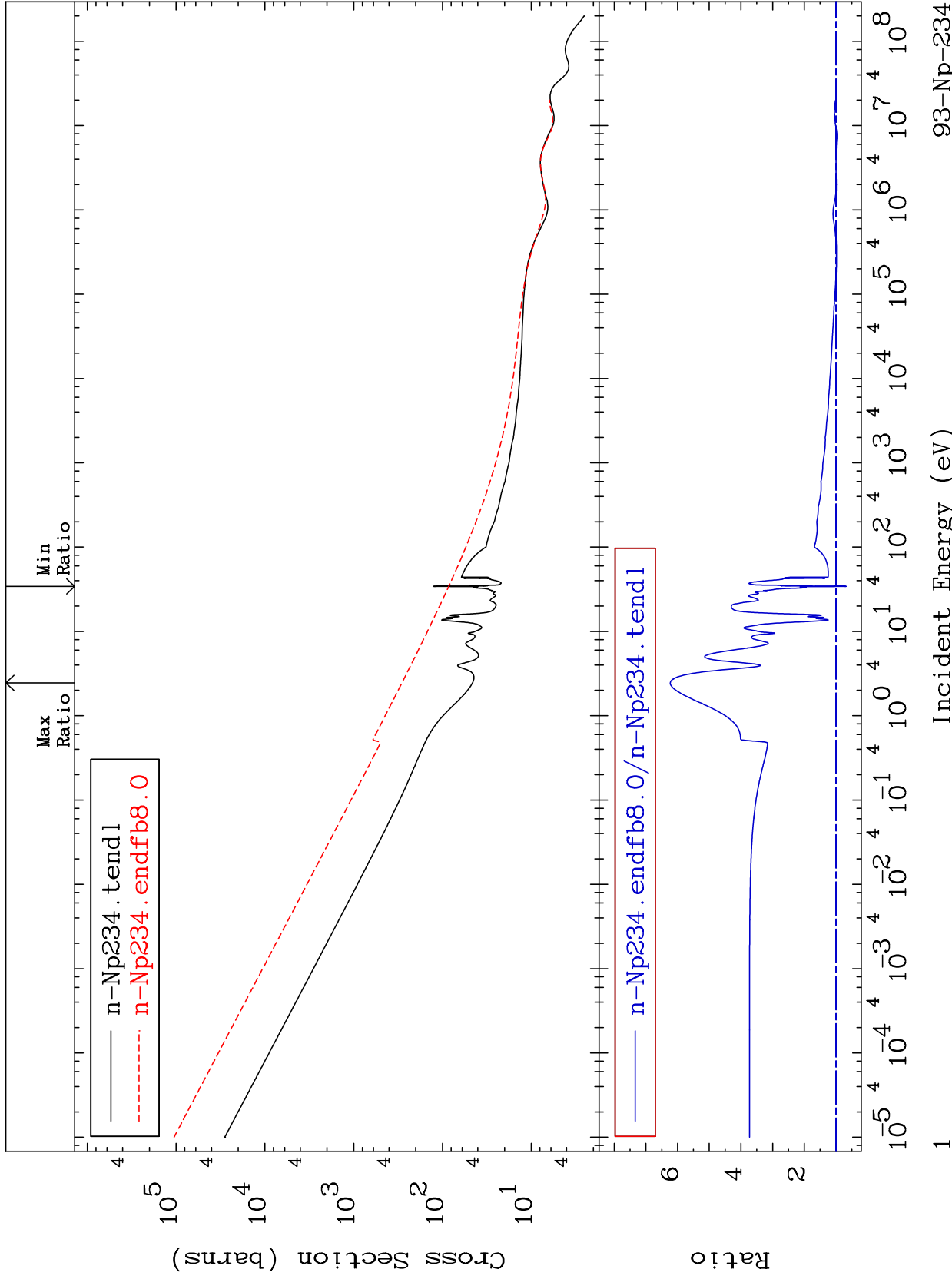


MAT 9337

93-Np-234

-32.55 To 523.1 %

Total  
Cross Section

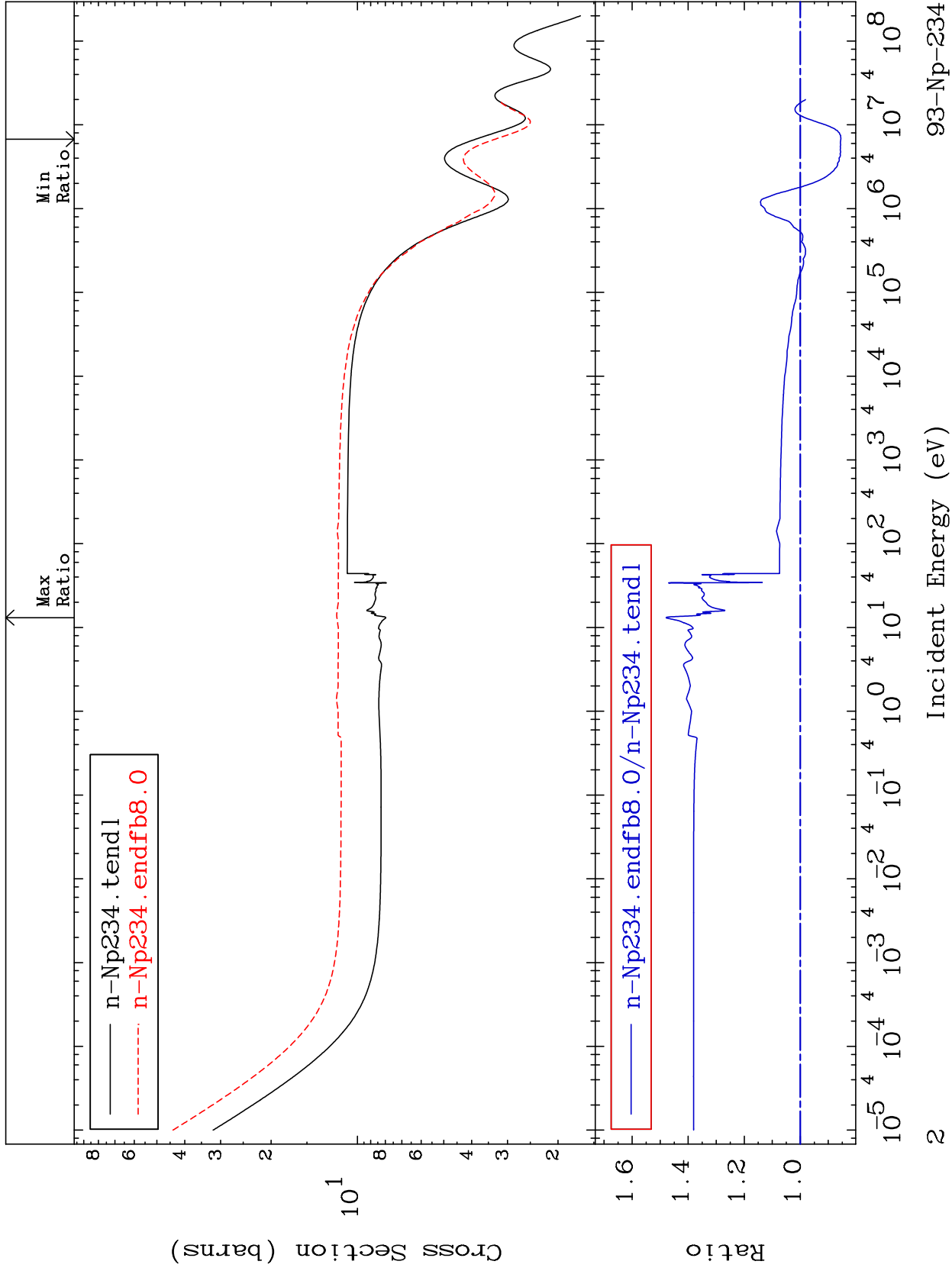


93-Np-234

MAT 9337

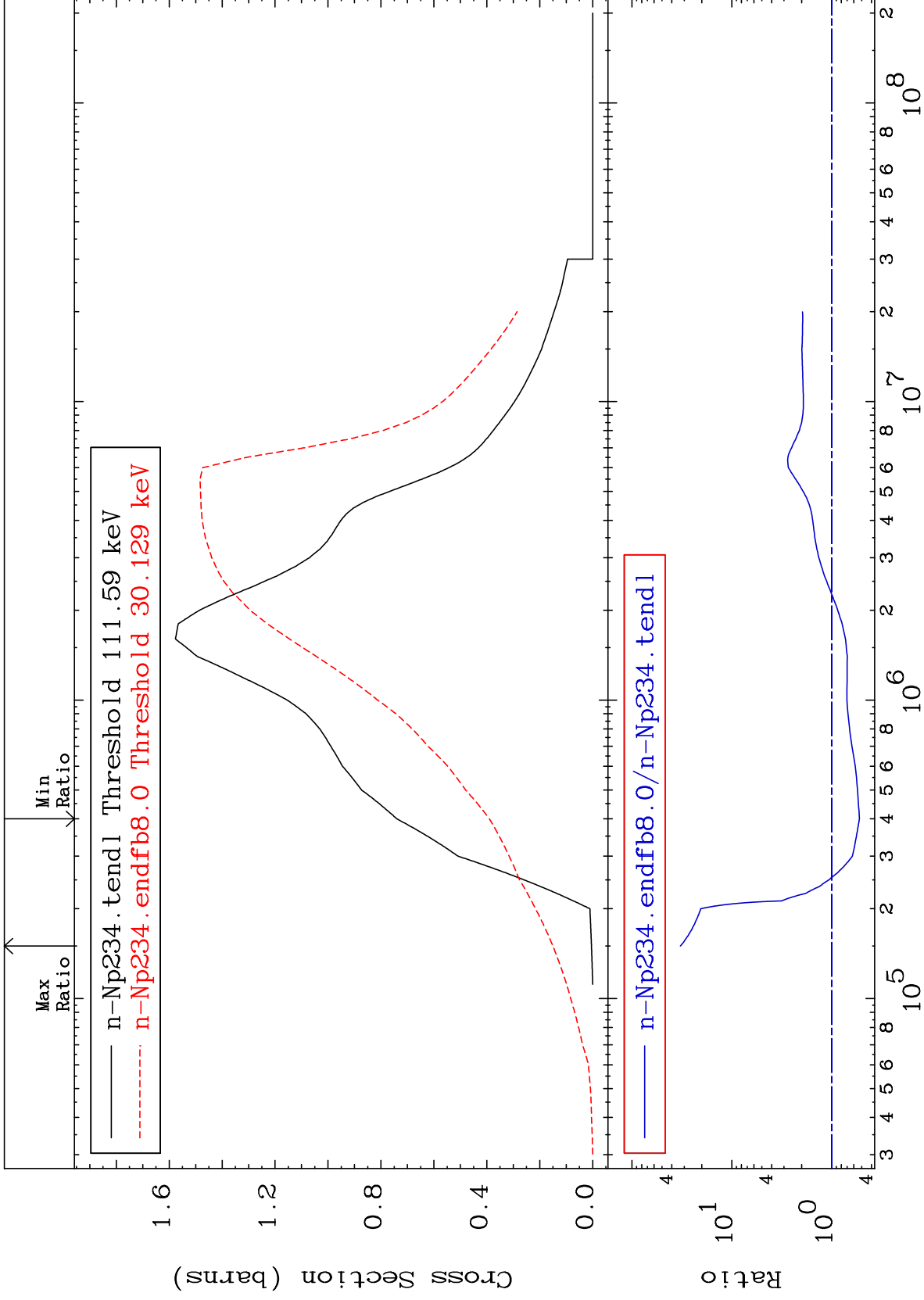
Elastic  
Cross Section

93-Np-234  
-14.48 To 47.93 %



Incident Energy (eV)

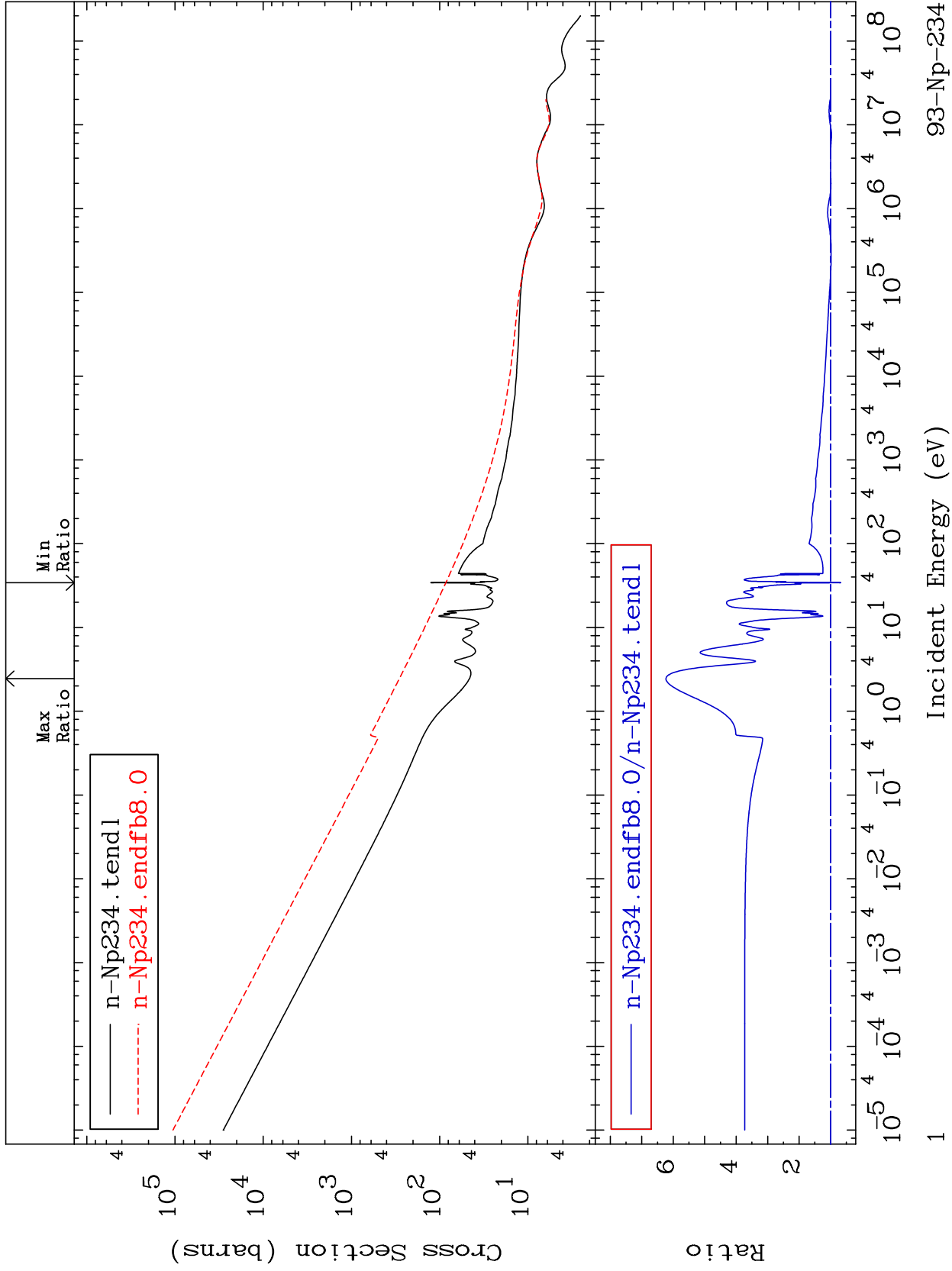
93-Np-234



MAT 9337

93-Np-234

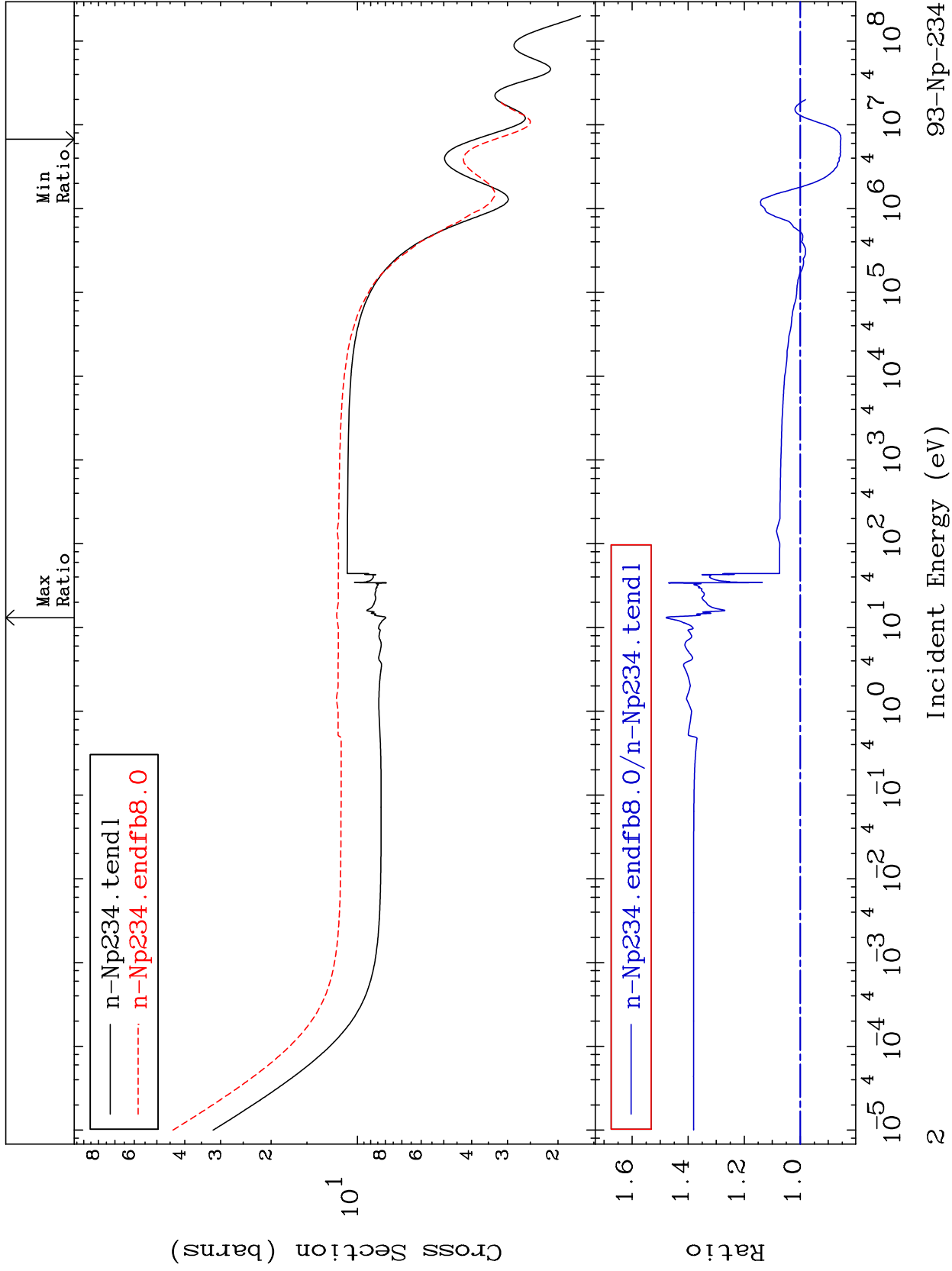
-32.55 To 523.1 %



MAT 9337

Elastic  
Cross Section

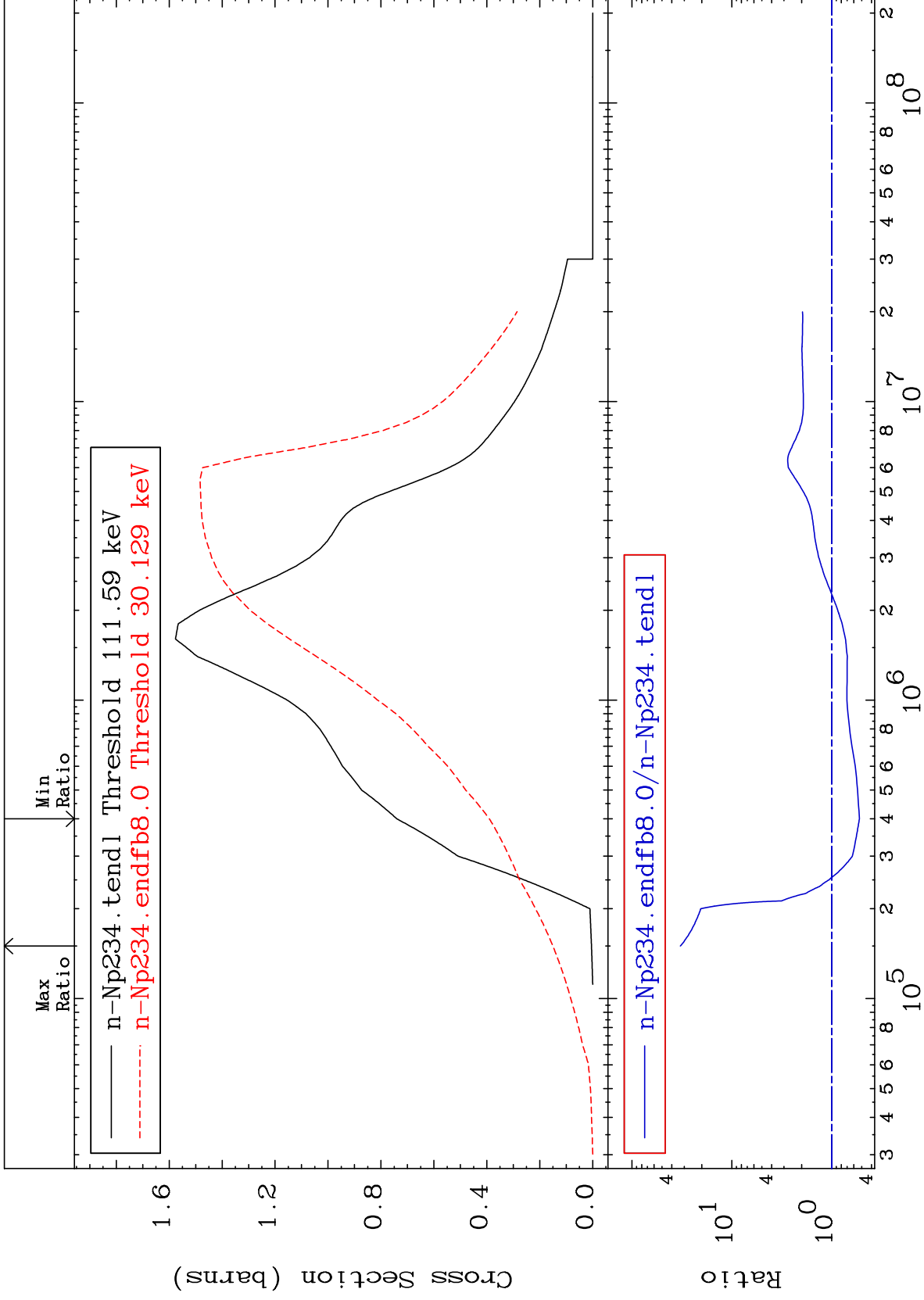
93-Np-234  
-14.48 To 47.93 %



93-Np-234

Incident Energy (eV)

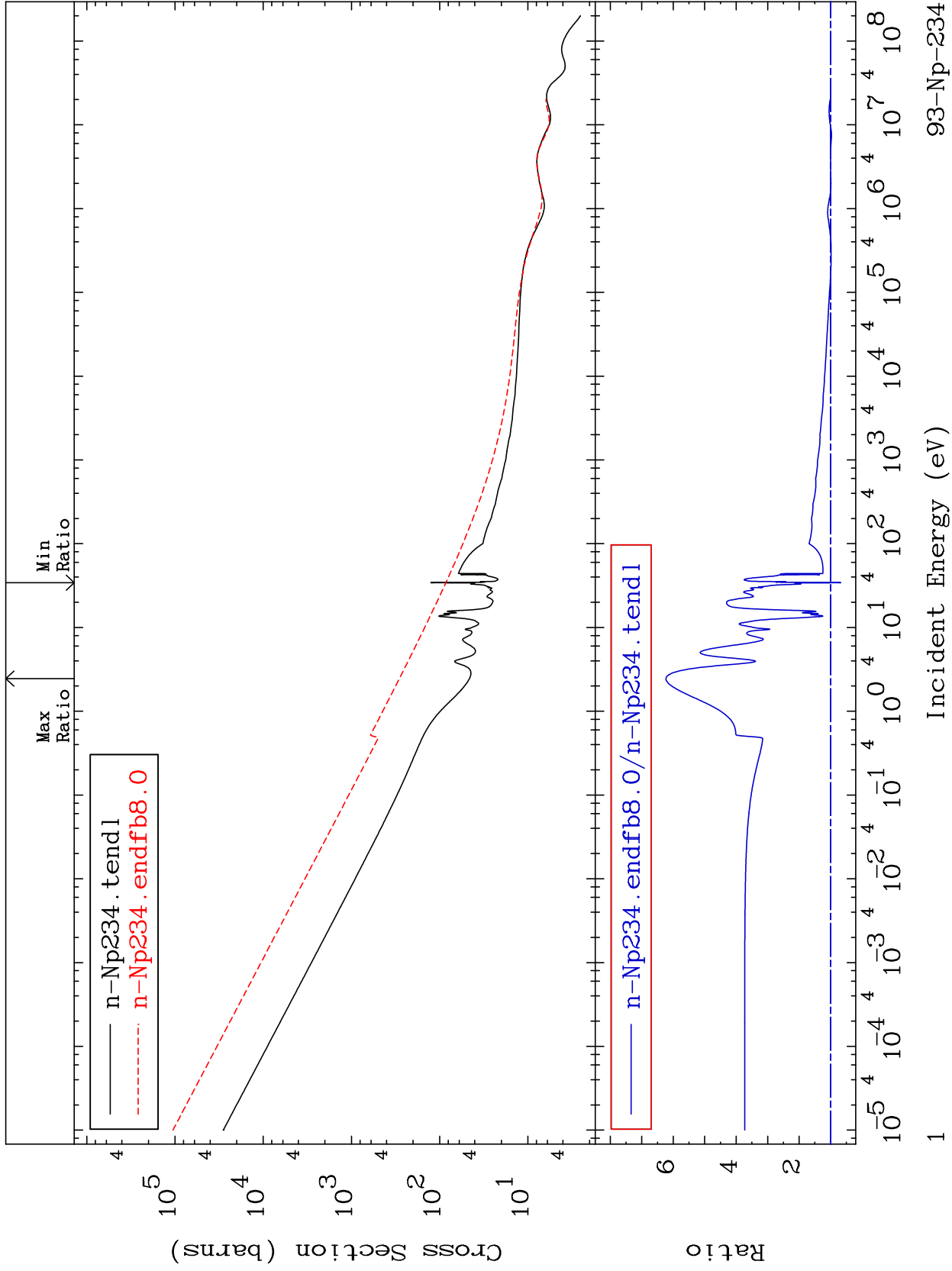
2



MAT 9337

93-Np-234

-32.55 To 523.1 %

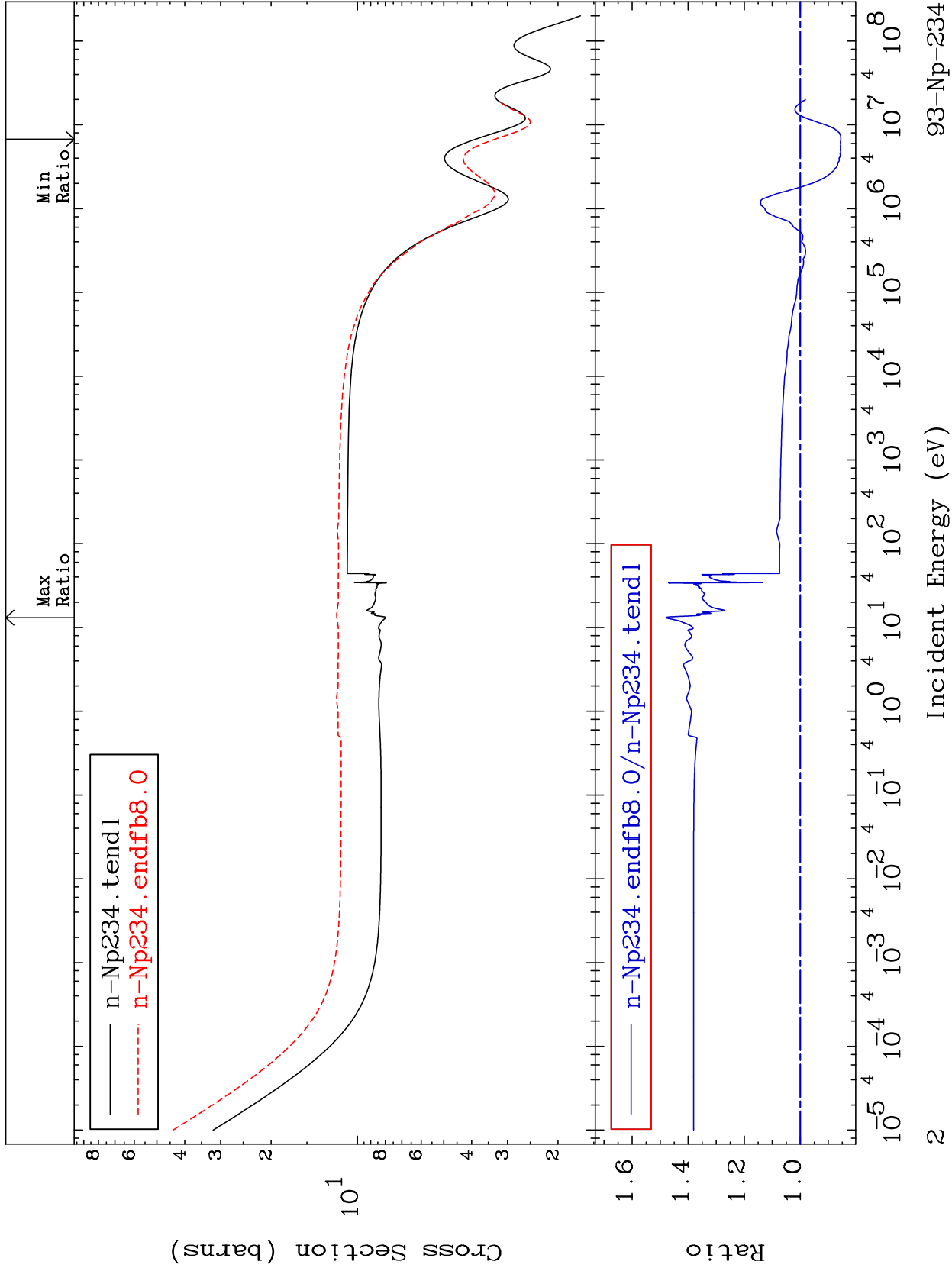


93-Np-234

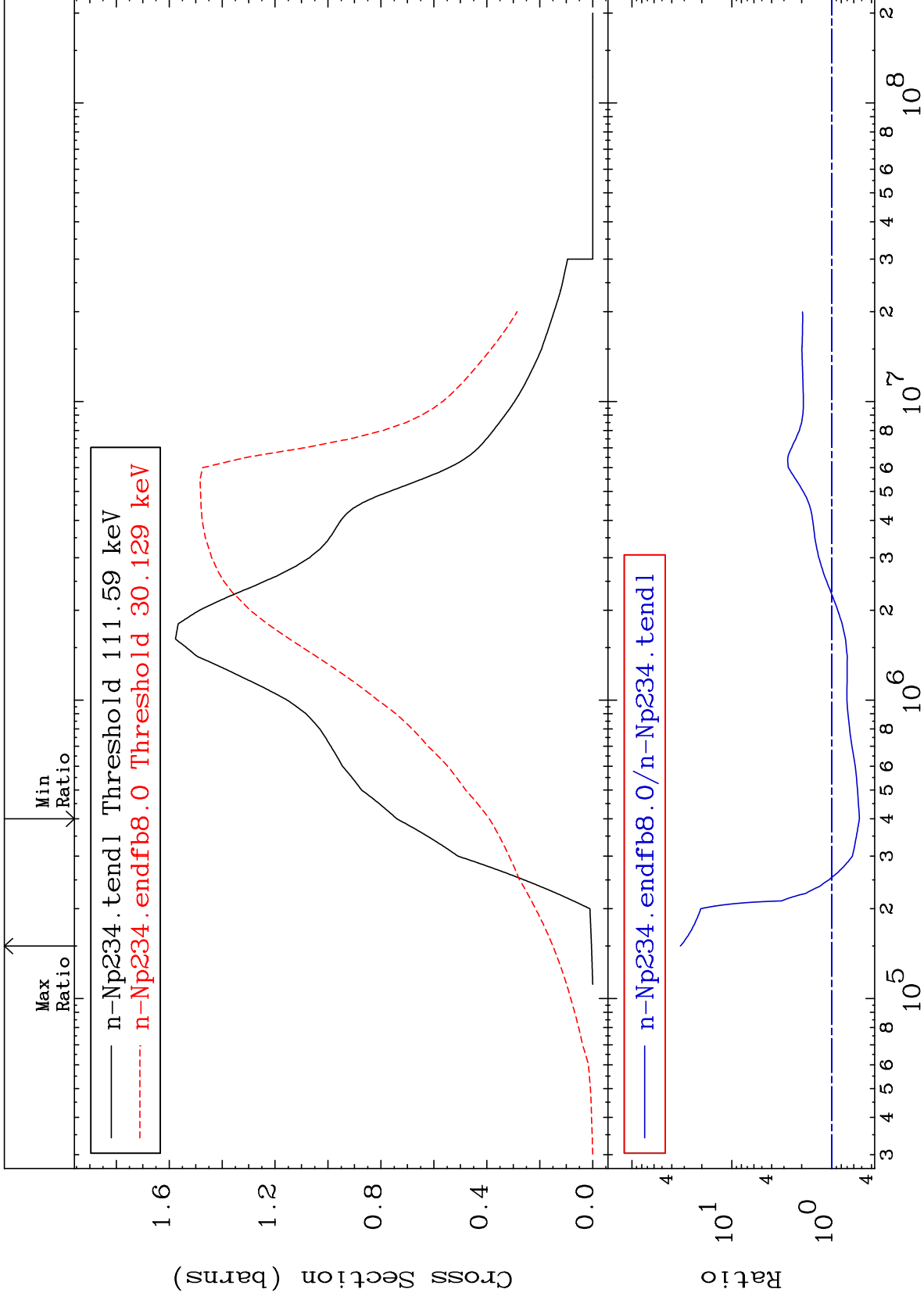
MAT 9337

Elastic  
Cross Section

93-Np-234  
-14.48 To 47.93 %



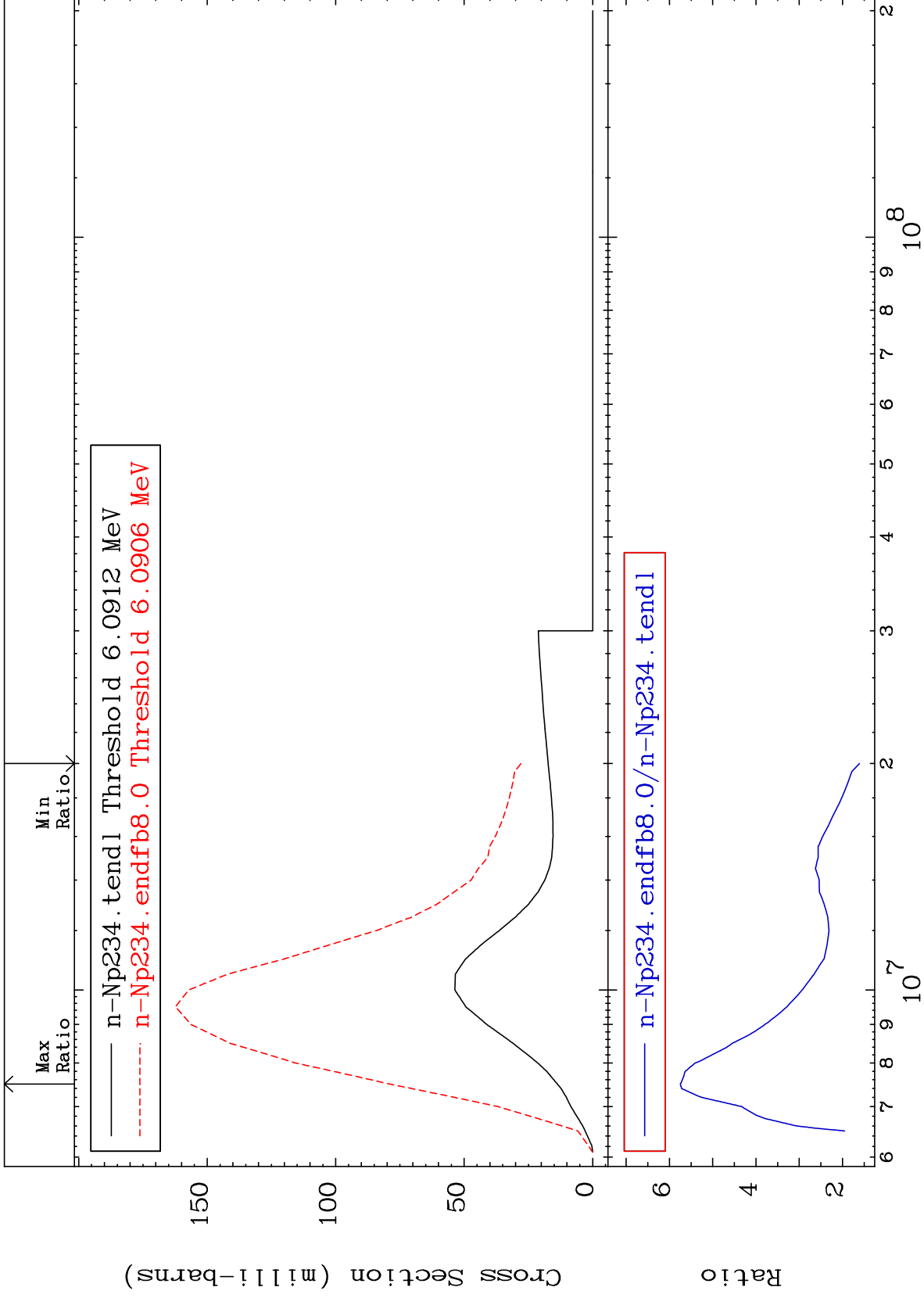
93-Np-234



MAT 9337

(n,2n)

93-Np-234  
60.94 To 474.8 %  
Cross Section



4

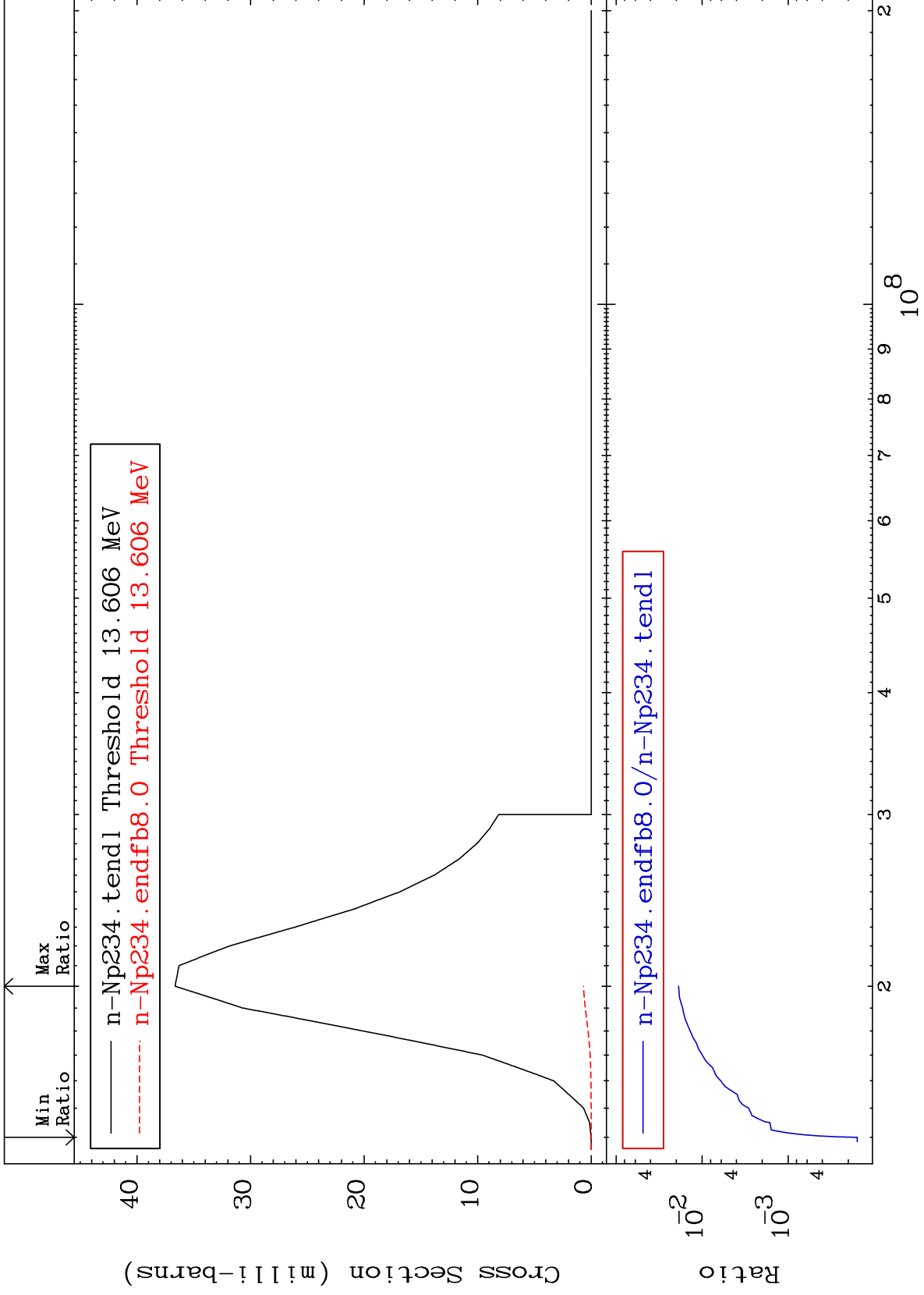
Incident Energy (eV)

93-Np-234

MAT 9337

(n,3n)  
Cross Section

93-Np-234  
-99.98 To -98.12%

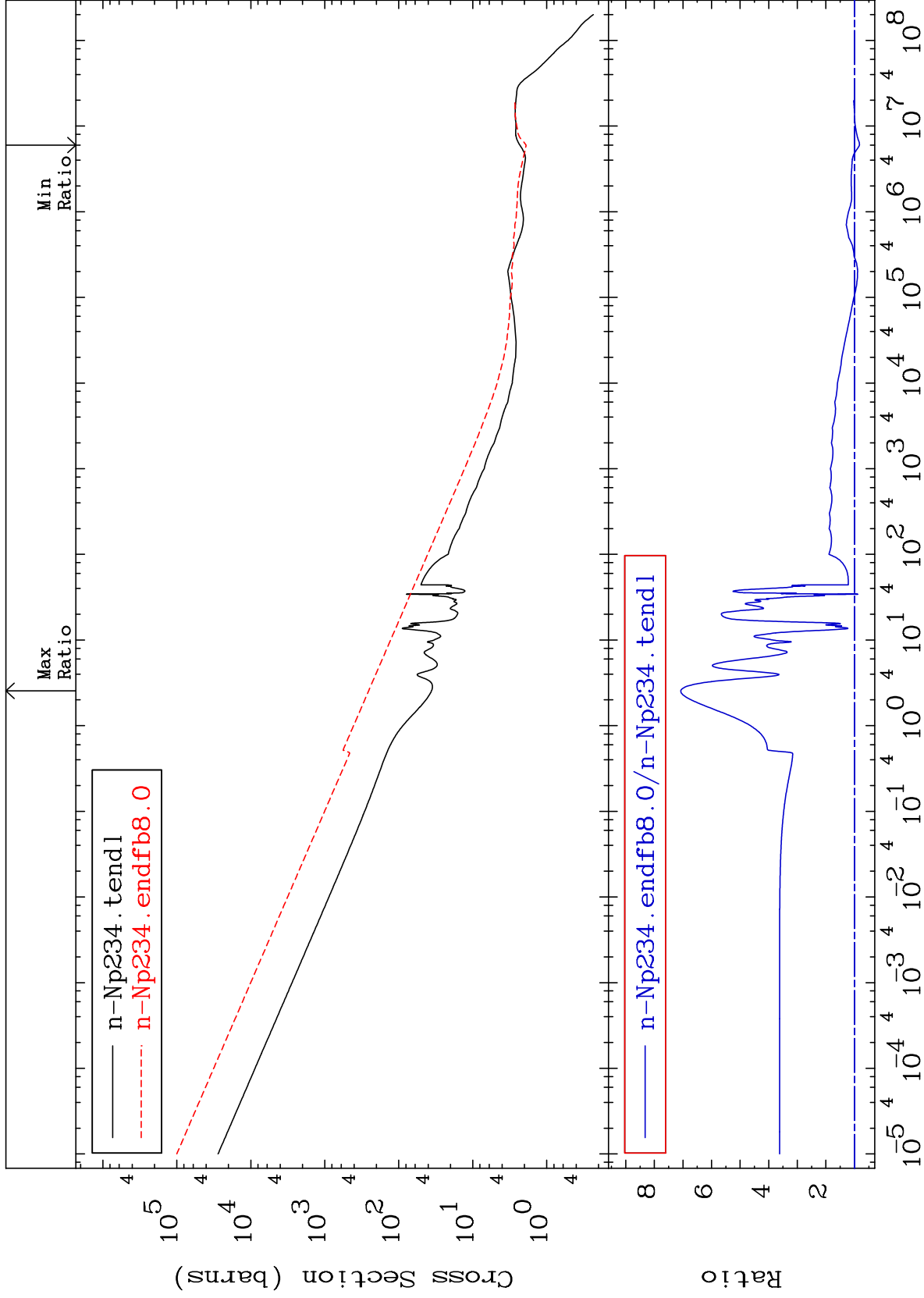


MAT 9337

93-Np-234

Fission  
Cross Section

-17.58 To 607.6 %



93-Np-234

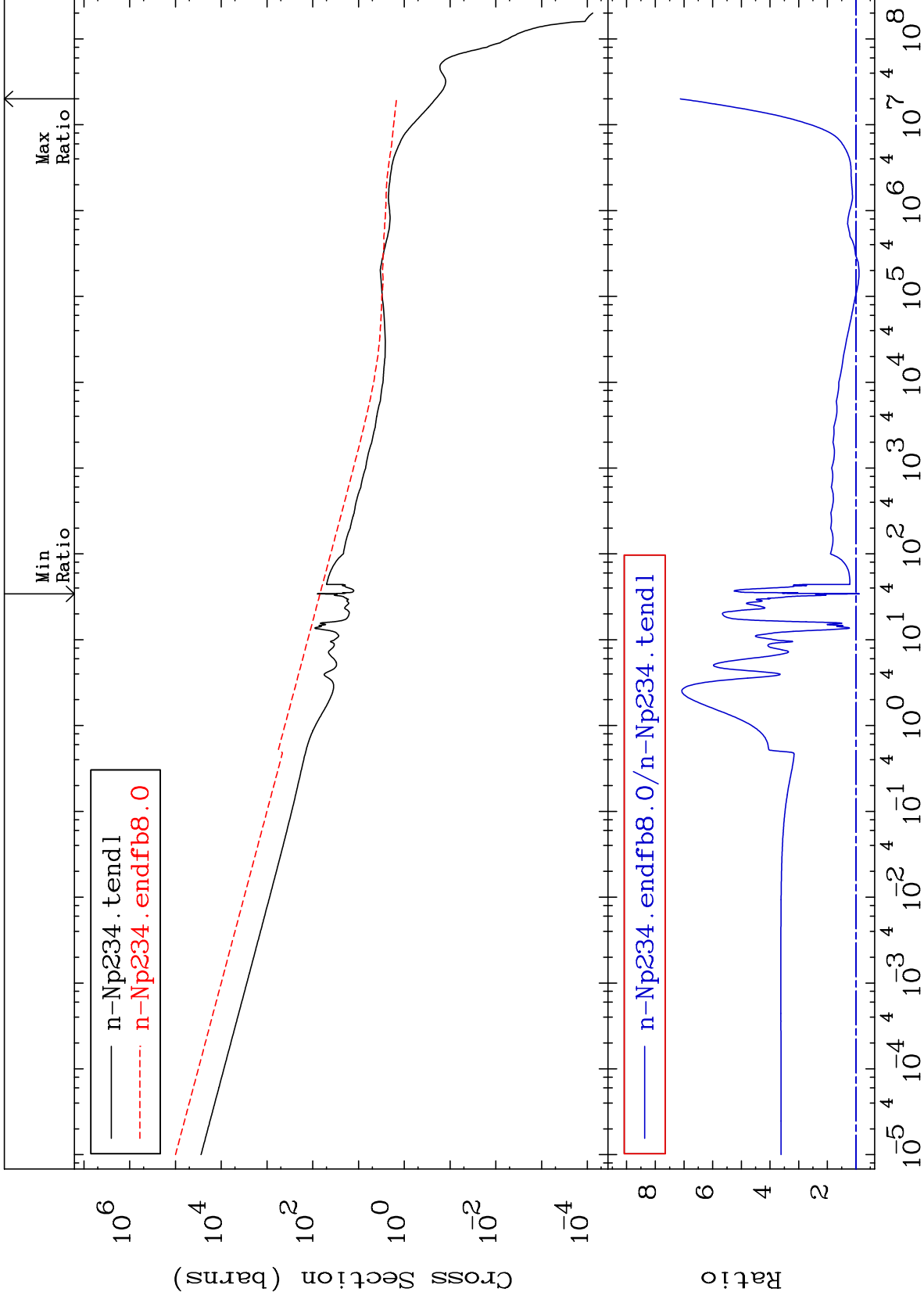
Incident Energy (eV)

6

MAT 9337

(n,f) First Chance  
Cross Section

93-Np-234  
-11.85 To 612.6 %



7

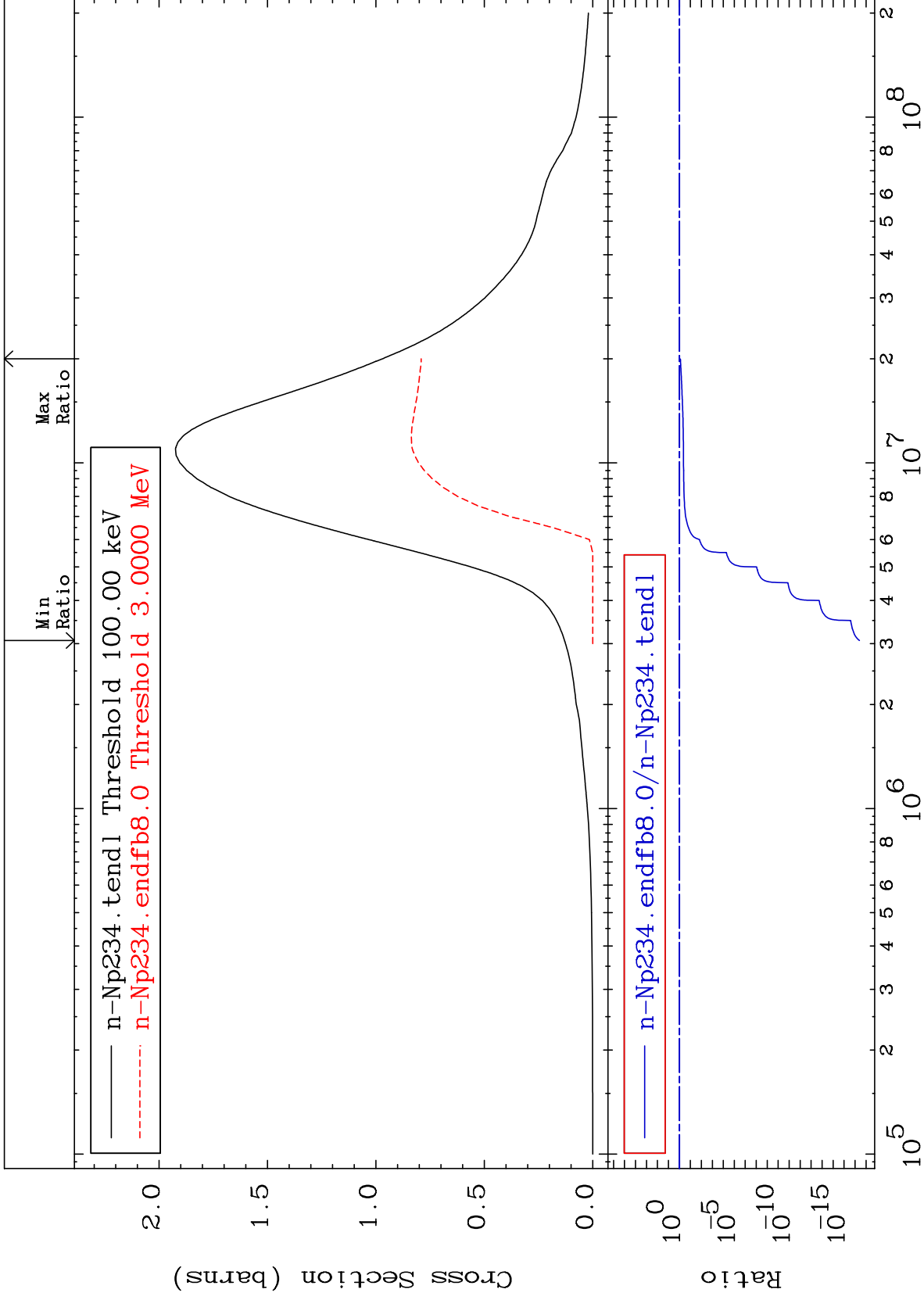
Incident Energy (eV)

93-Np-234

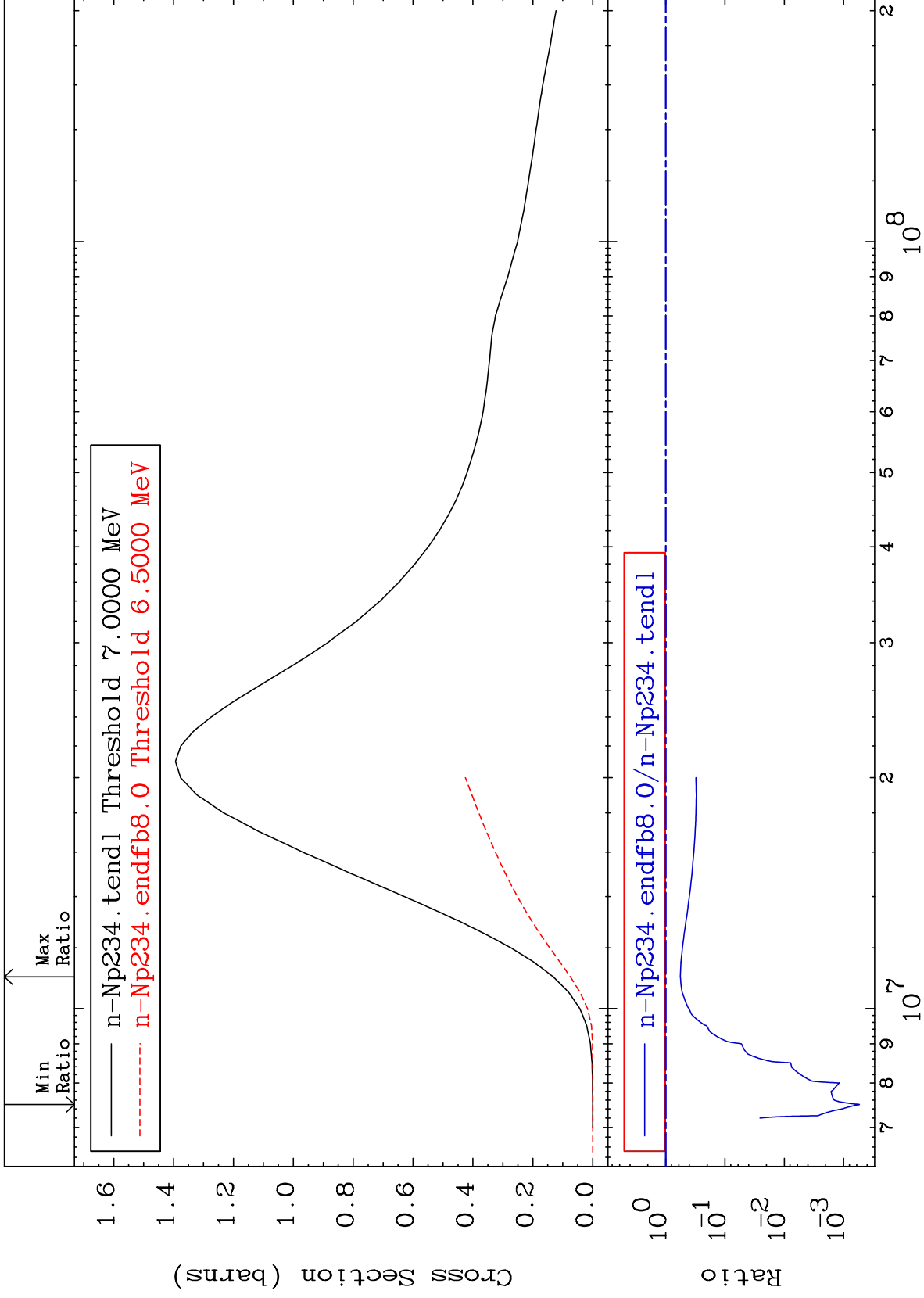
MAT 9337

(n, nf) Second Chance  
Cross Section

93-Np-234  
-100.0 To -18.41%



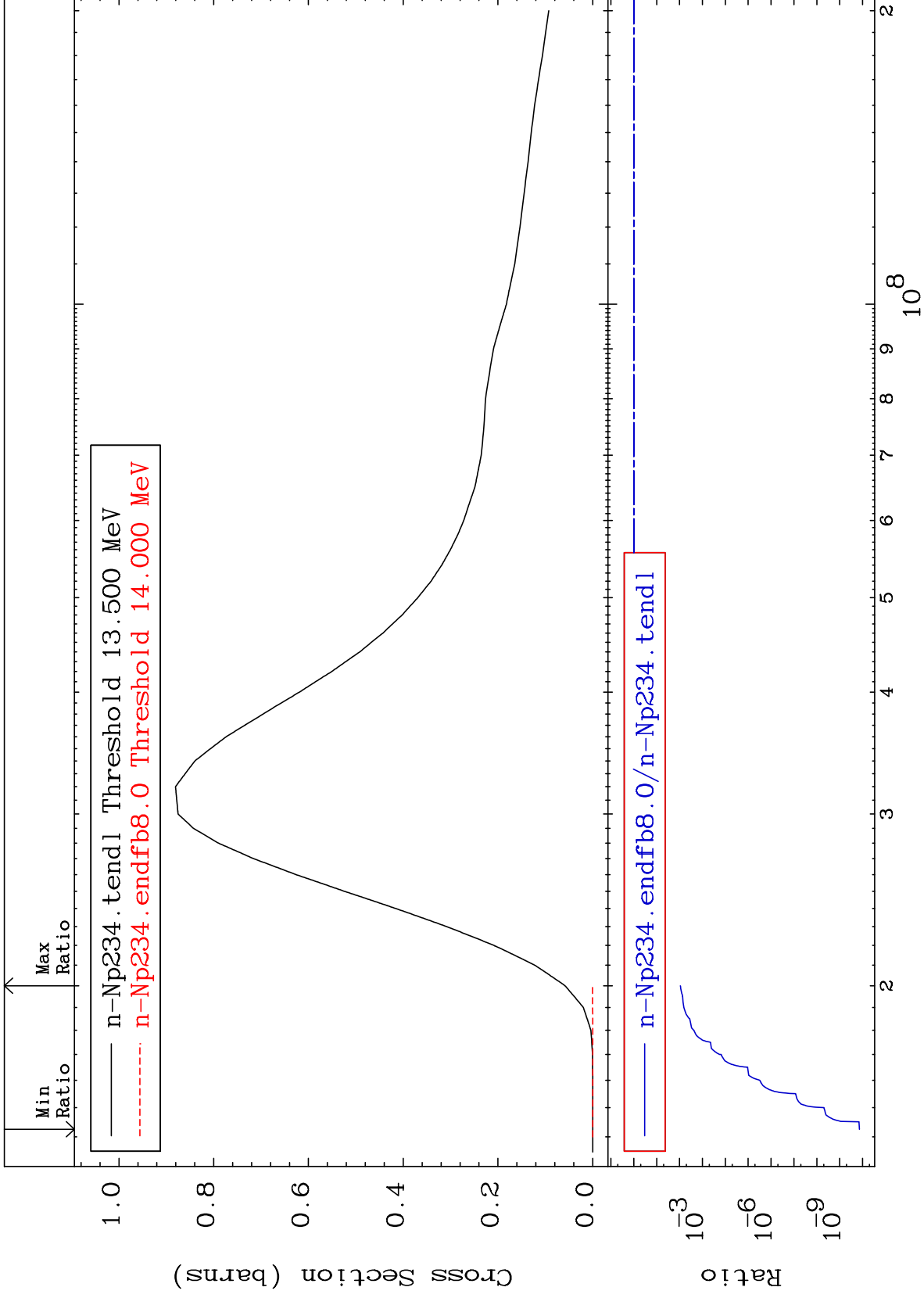
93-Np-234



MAT 9337

(n,3nf) Fourth Chance  
Cross Section

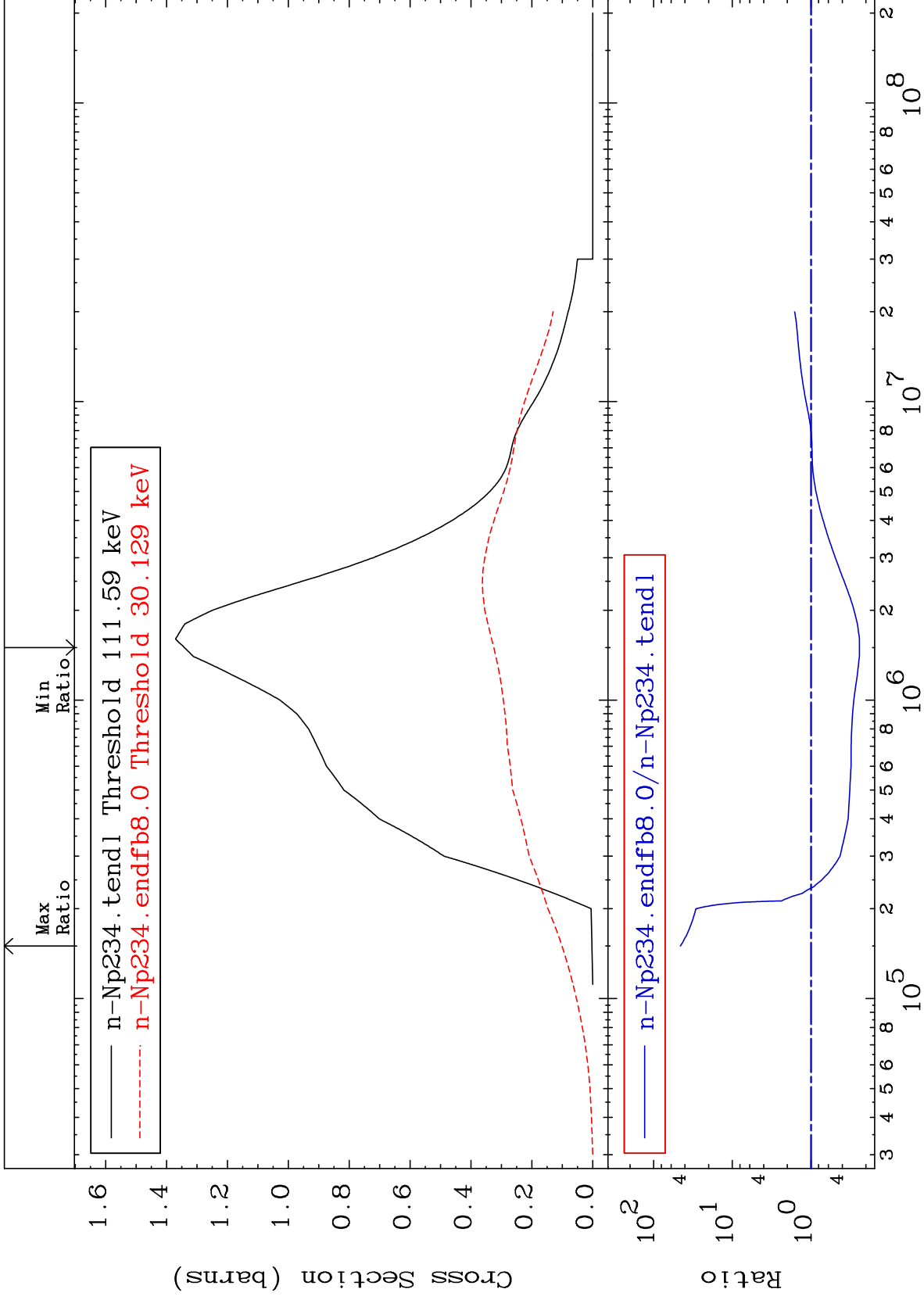
93-Np-234  
-100.0 To -99.08%



10

Incident Energy (eV)

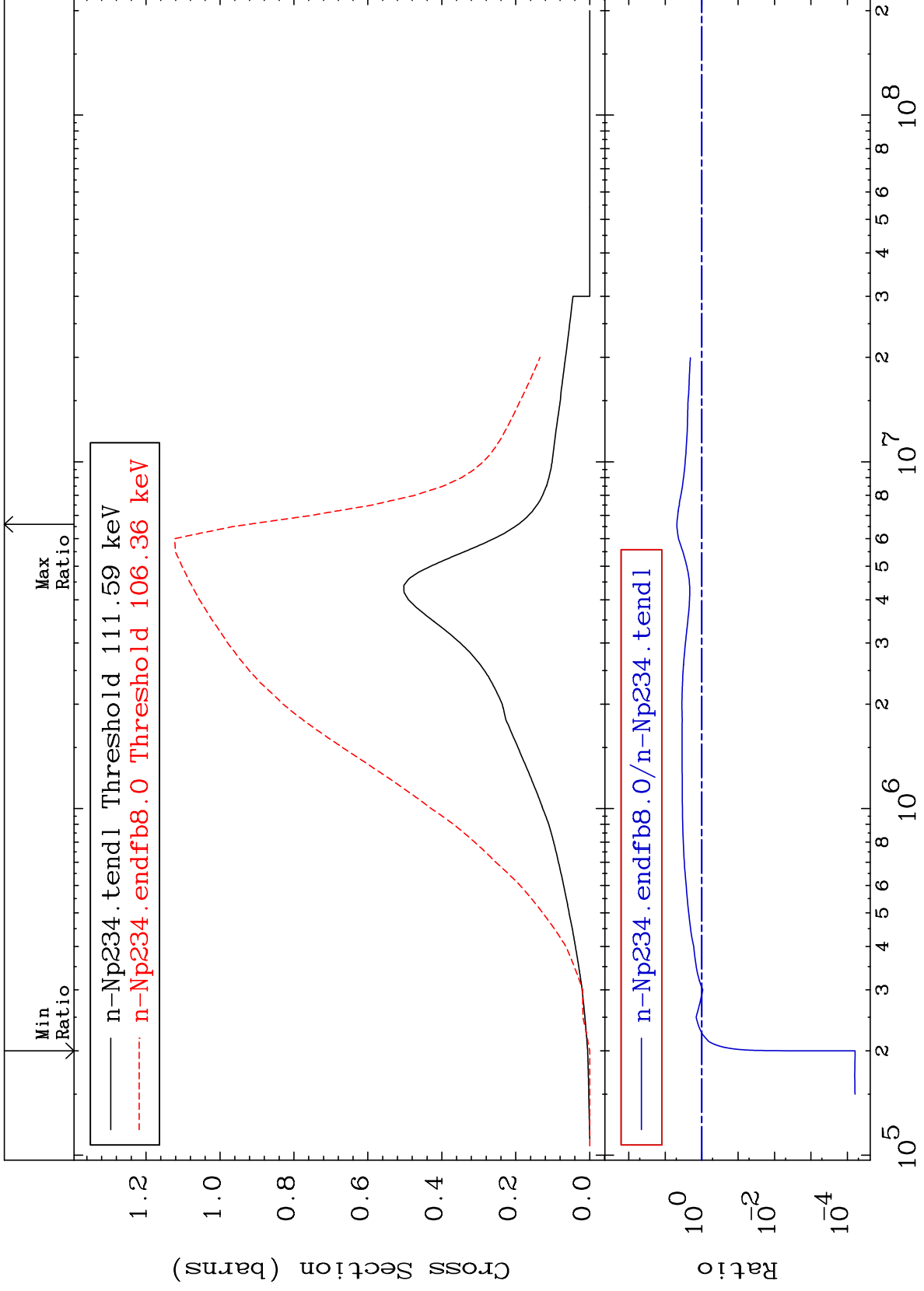
93-Np-234



MAT 9337

(n, n') Continuum  
Cross Section

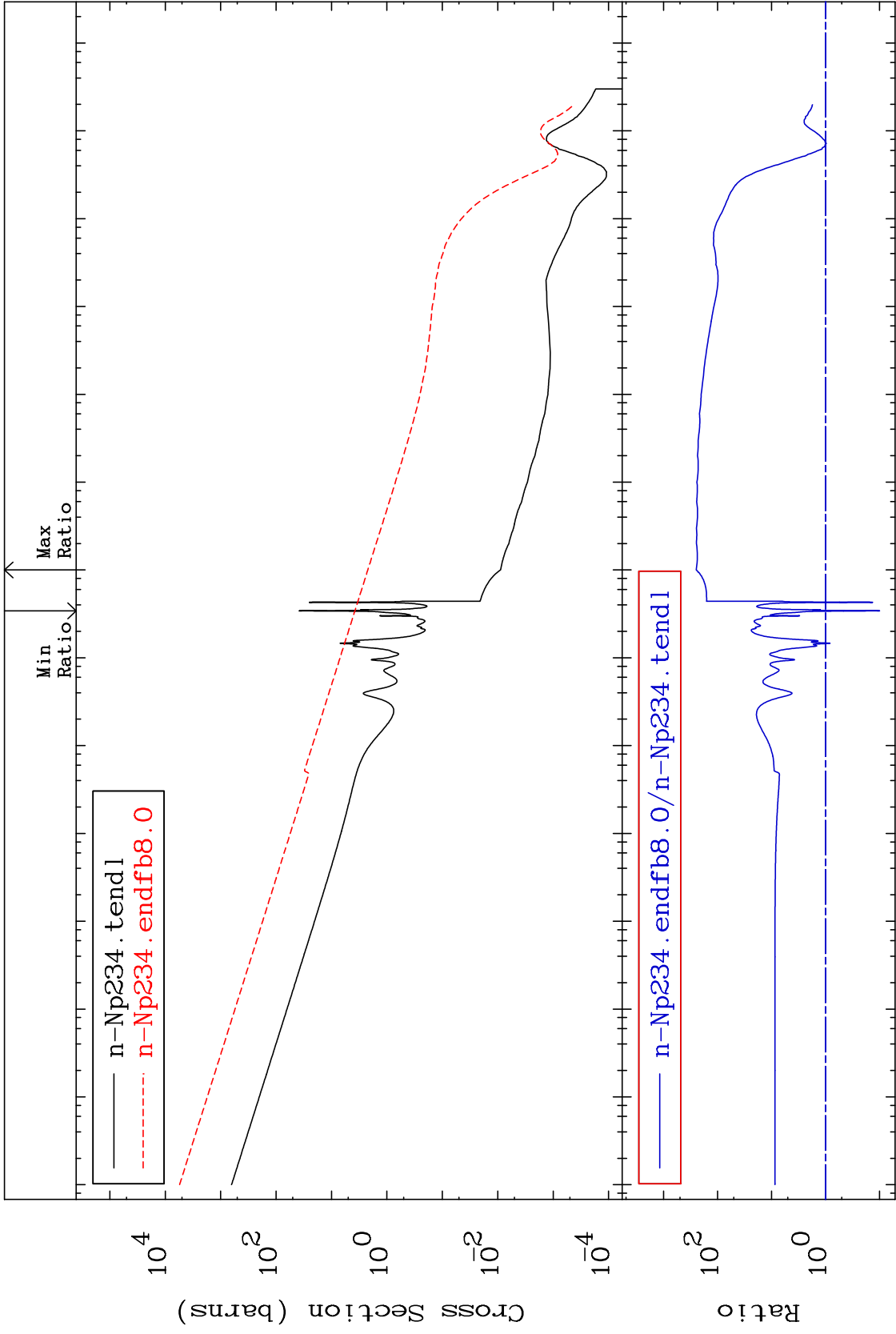
93-Np-234  
-99.99 To 378.1 %



MAT 9337

(n,  $\gamma$ )  
Cross Section

93-Np-234  
-90.02 To 9999. %



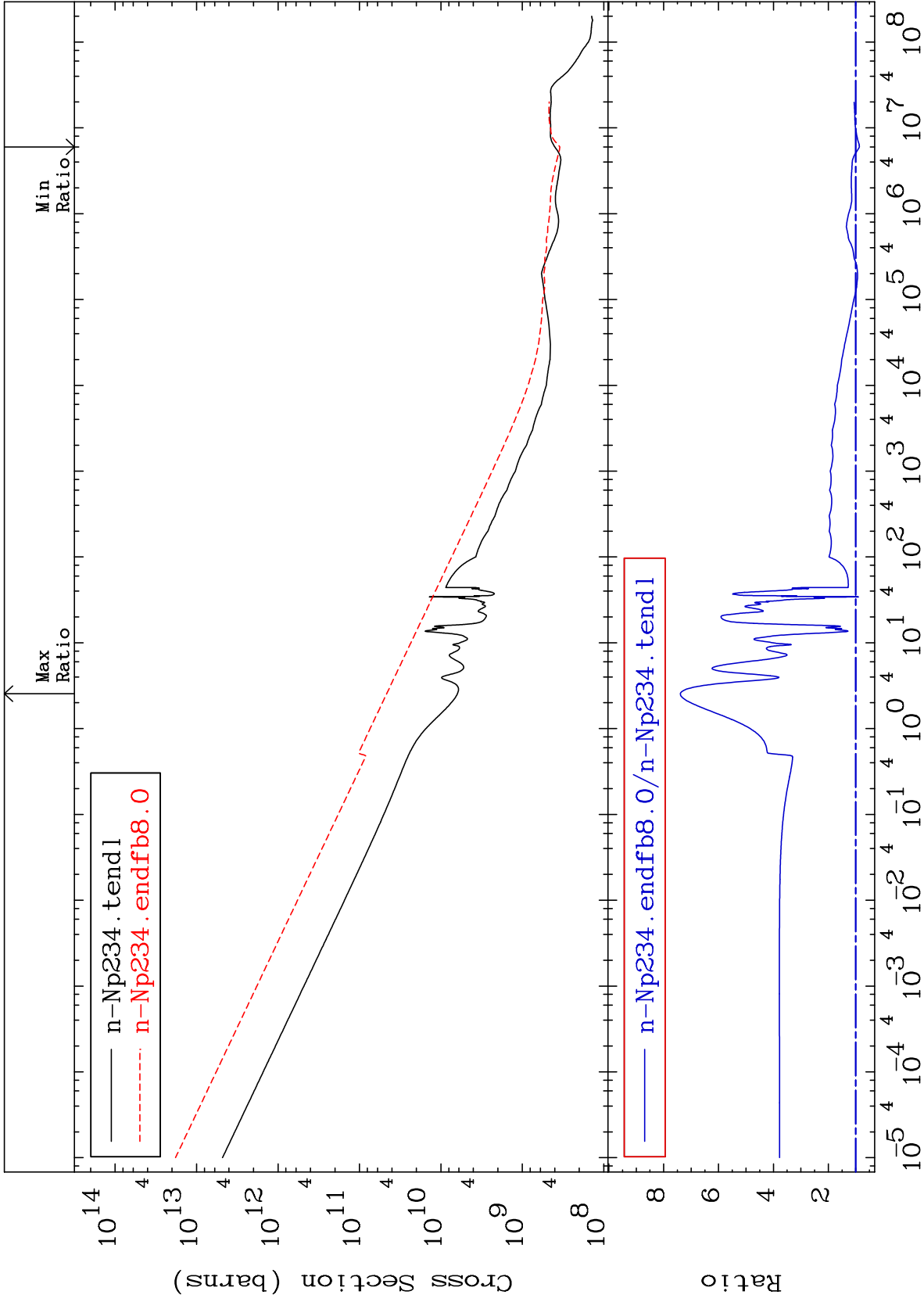
MAT 9337

Kerma total (eV-barns)

93-Np-234

Cross Section

-13.38 To 639.1 %



93-Np-234

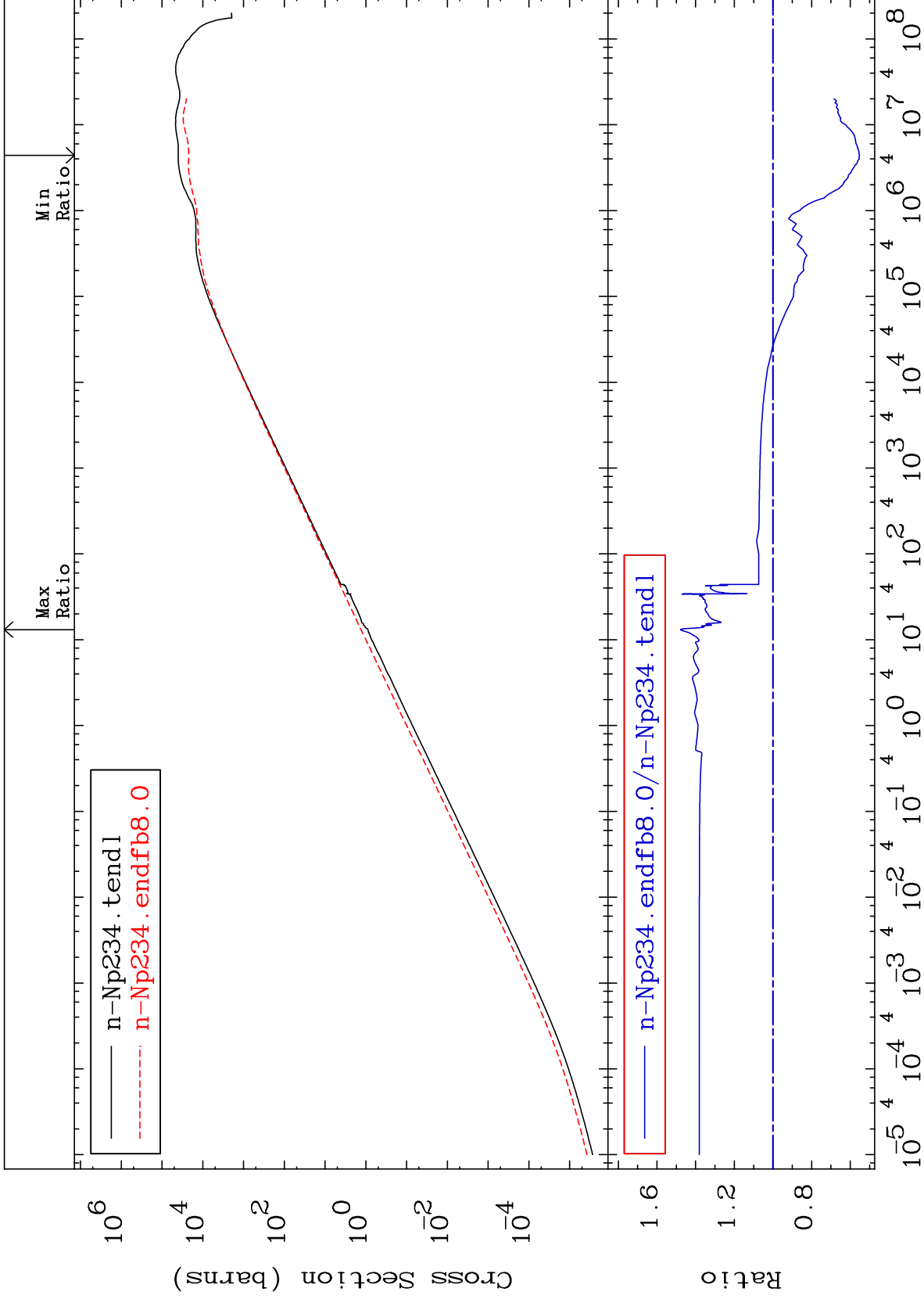
Incident Energy (eV)

14

MAT 9337

Kerma elastic  
Cross Section

93-Np-234  
-44.73 To 47.90 %



15

Incident Energy (eV)

93-Np-234

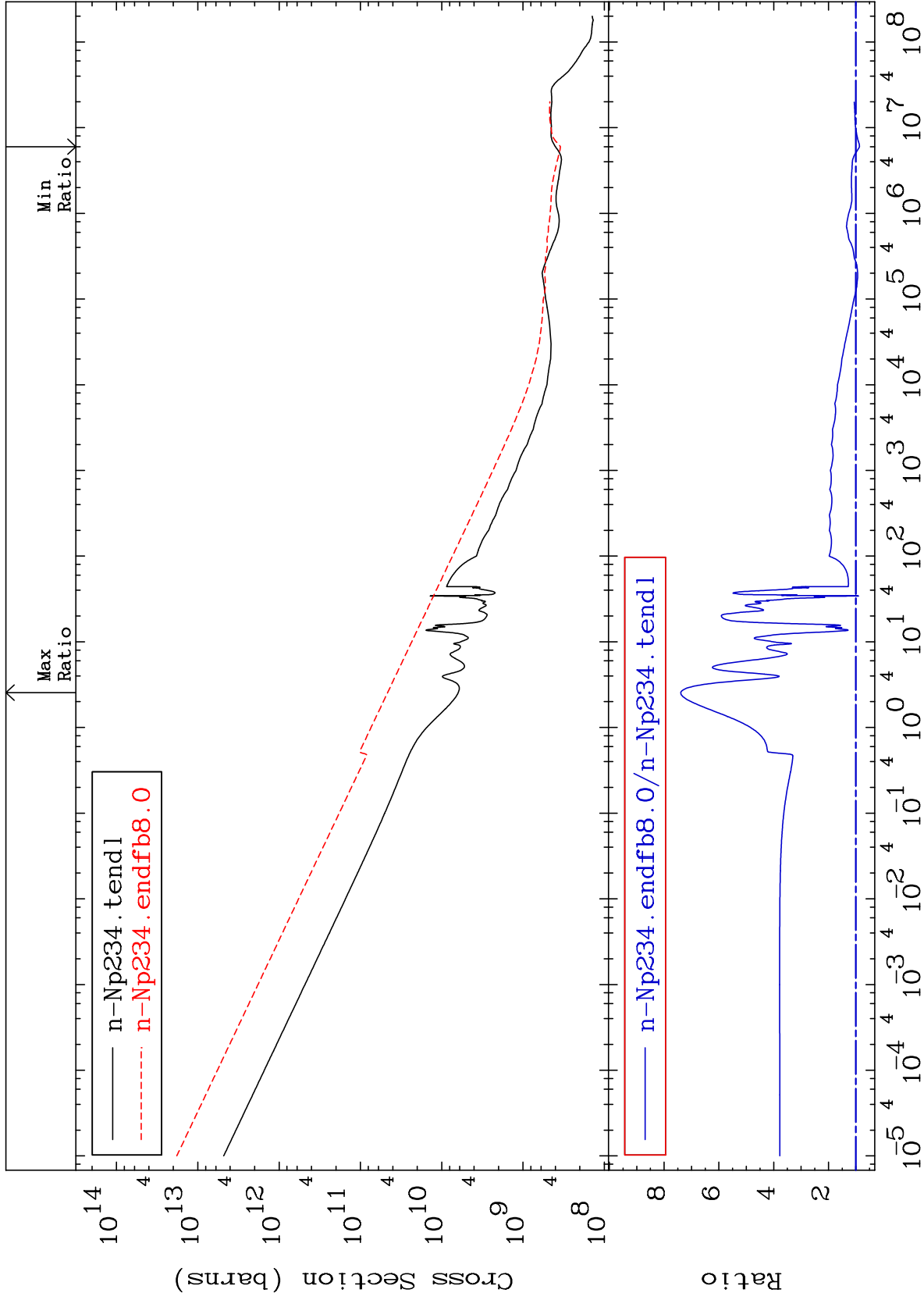
MAT 9337

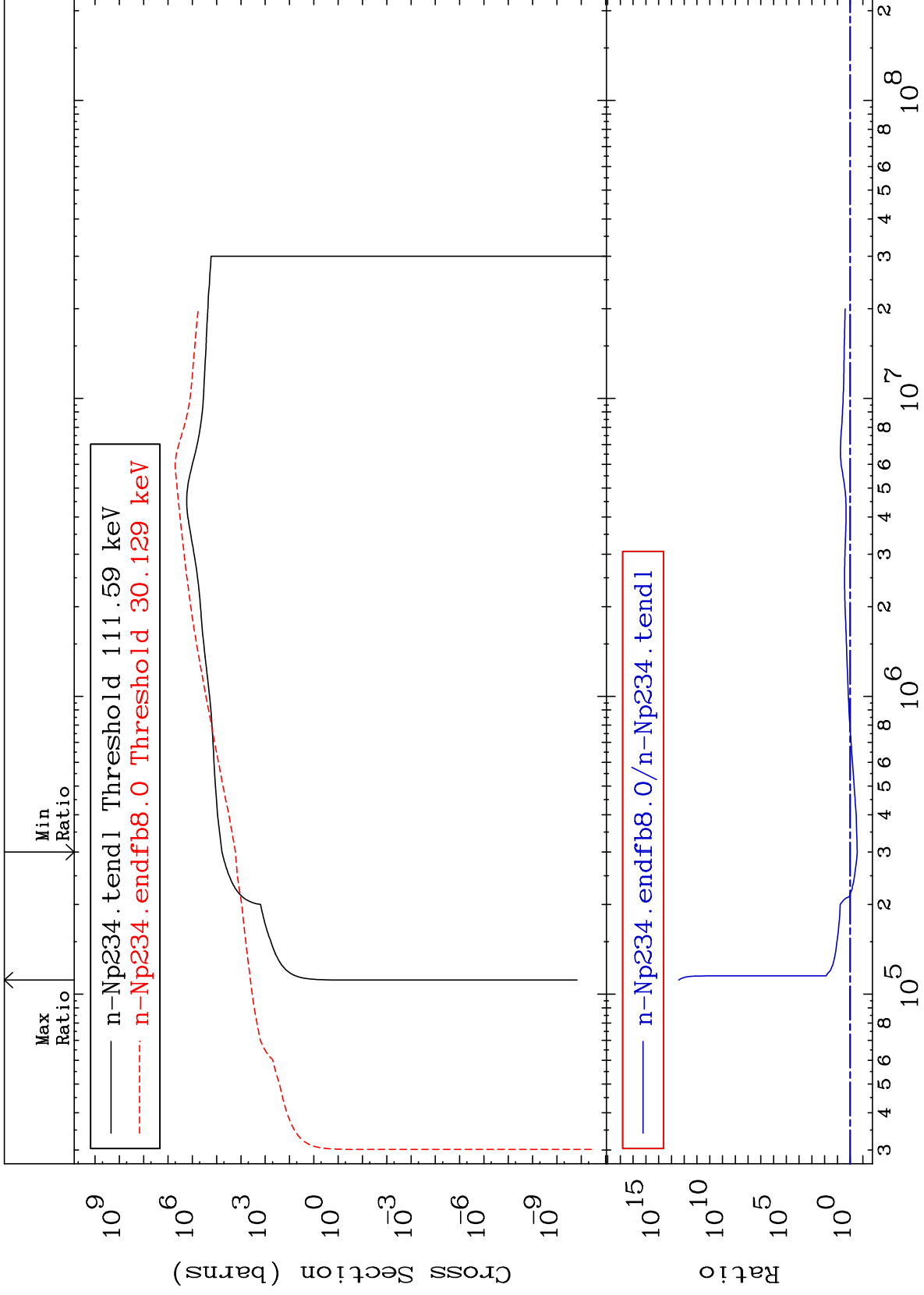
Kerma non-elastic (all but mt2)

93-Np-234

Cross Section

-13.38 To 639.1 %

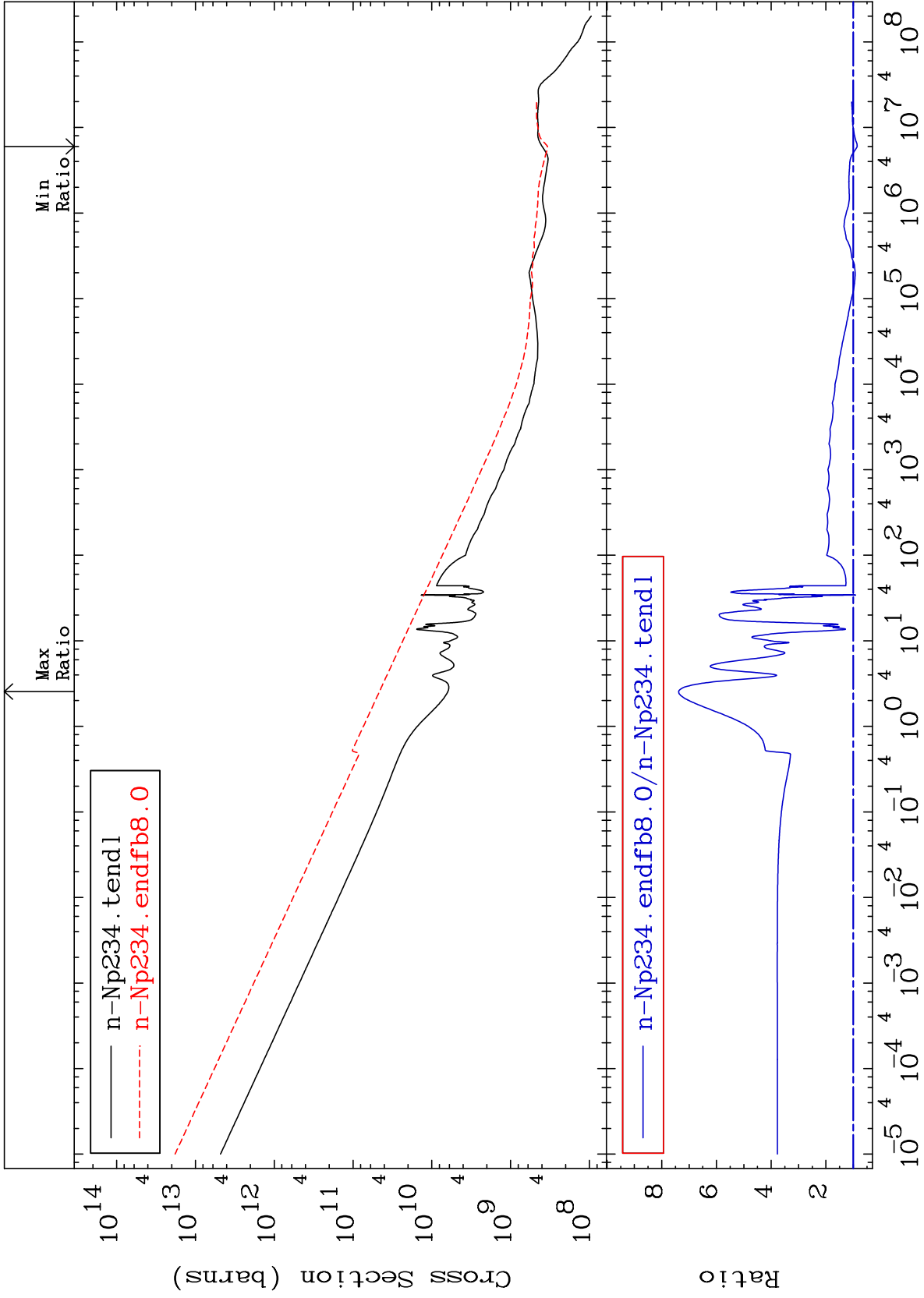




MAT 9337

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

93-Np-234  
-14.45 To 638.2 %



18

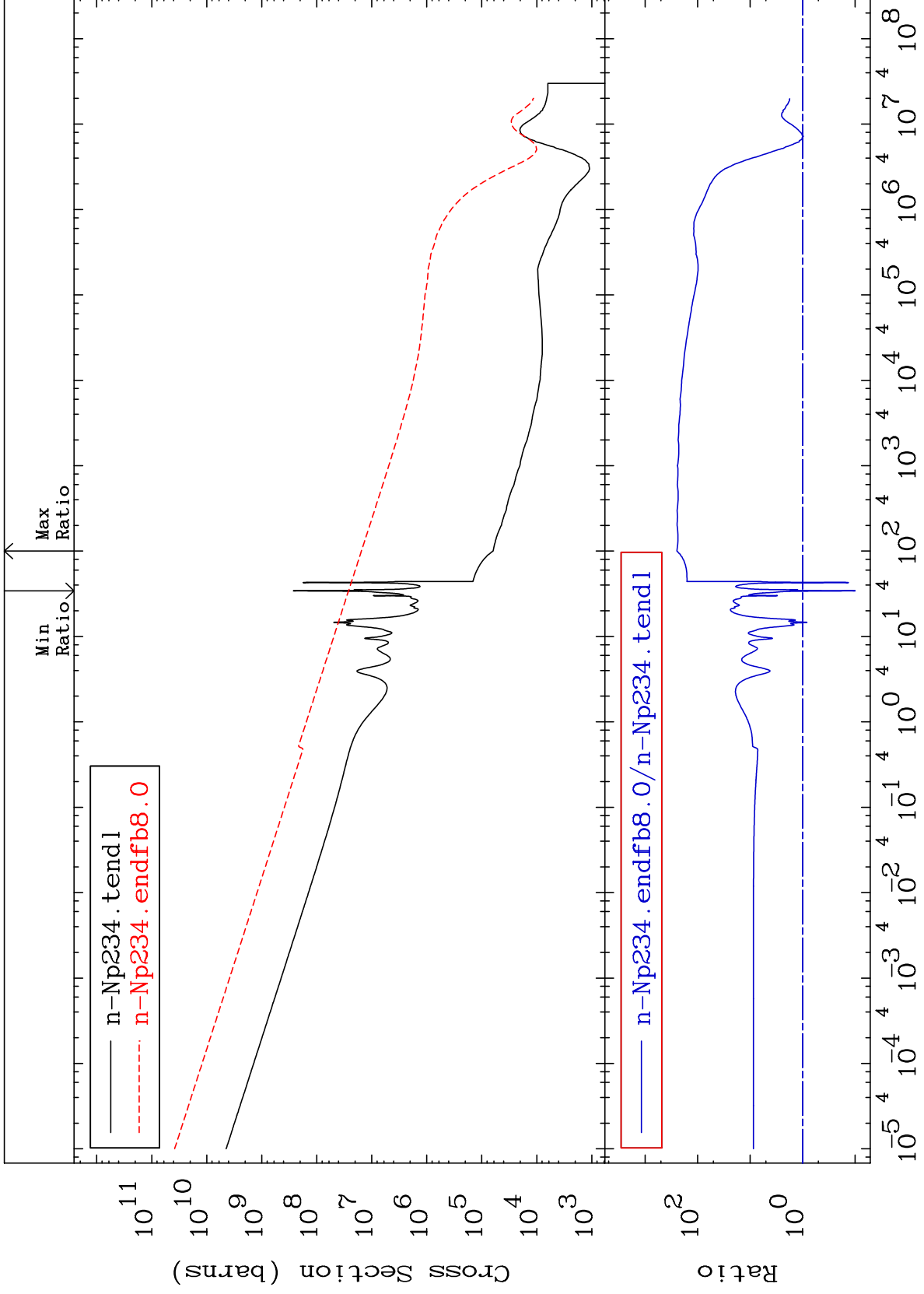
Incident Energy (eV)

93-Np-234

MAT 9337

Kerma capture (mt102)  
Cross Section

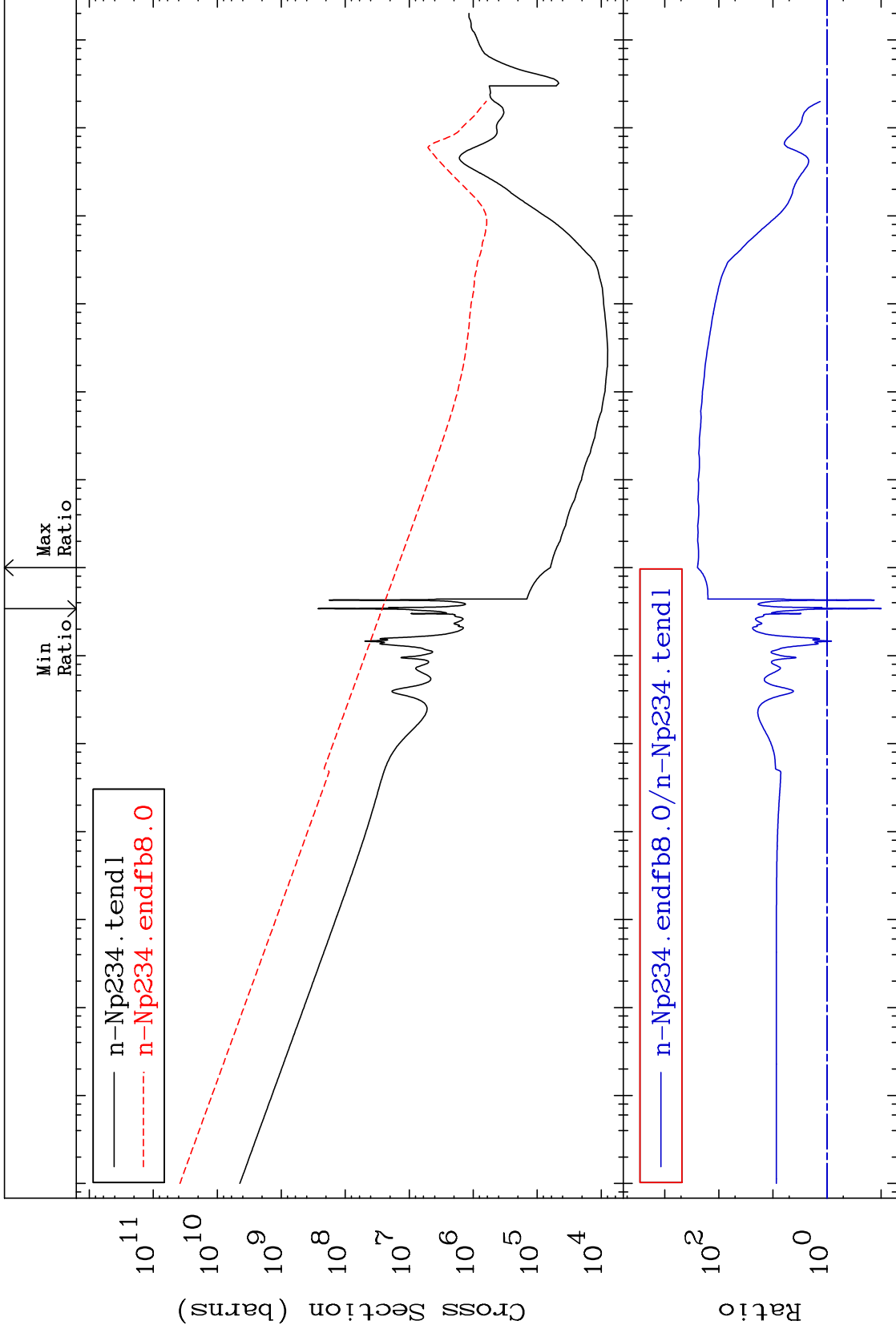
93-Np-234  
-90.03 To 9999. %



MAT 9337

Total photon (eV-barns)  
Cross Section

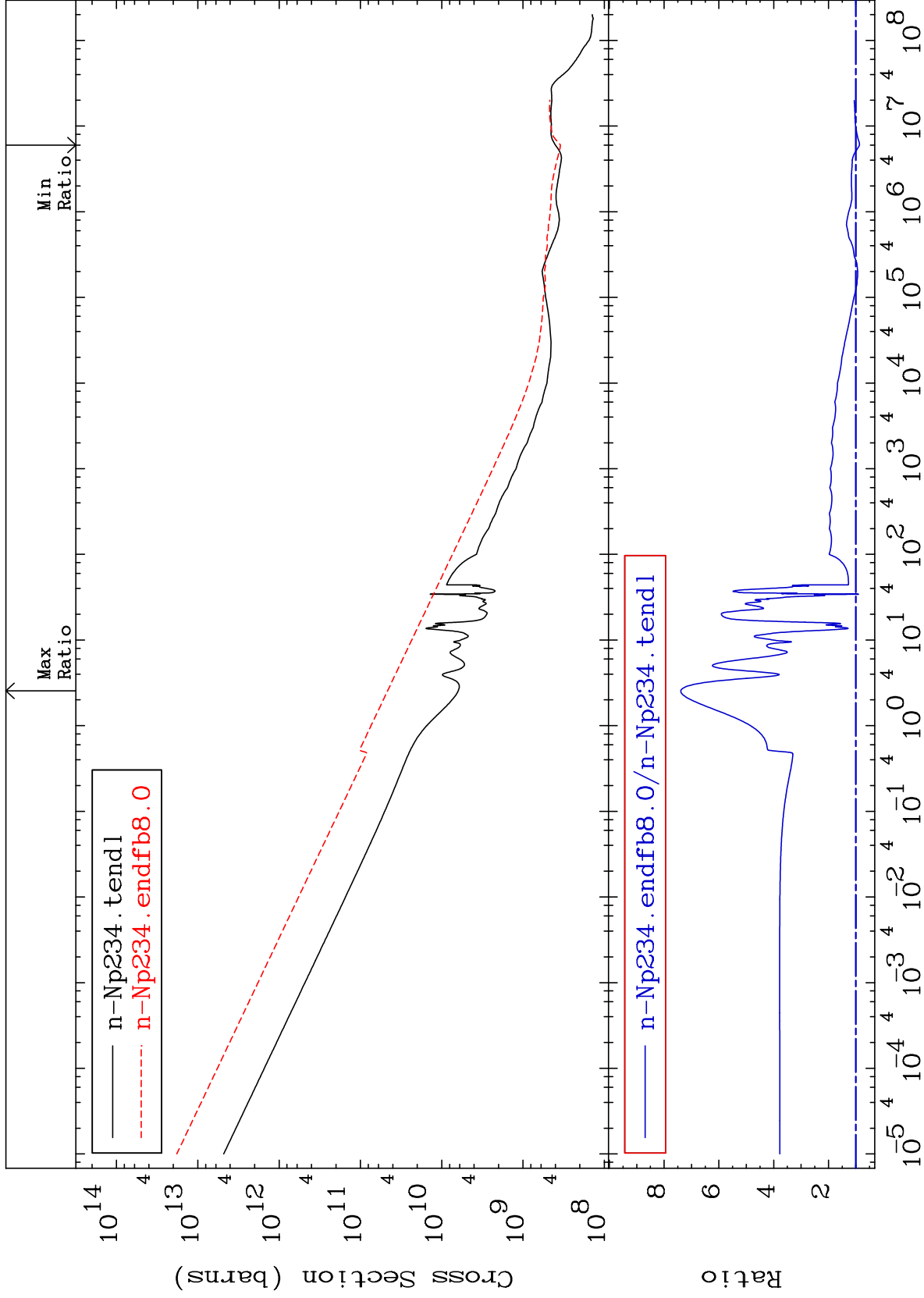
93-Np-234  
-90.03 To 9999. %



20

Incident Energy (eV)

93-Np-234



MAT 9337

Dpa total (eV-barns)

93-Np-234

Cross Section

-12.98 To 606.2 %

