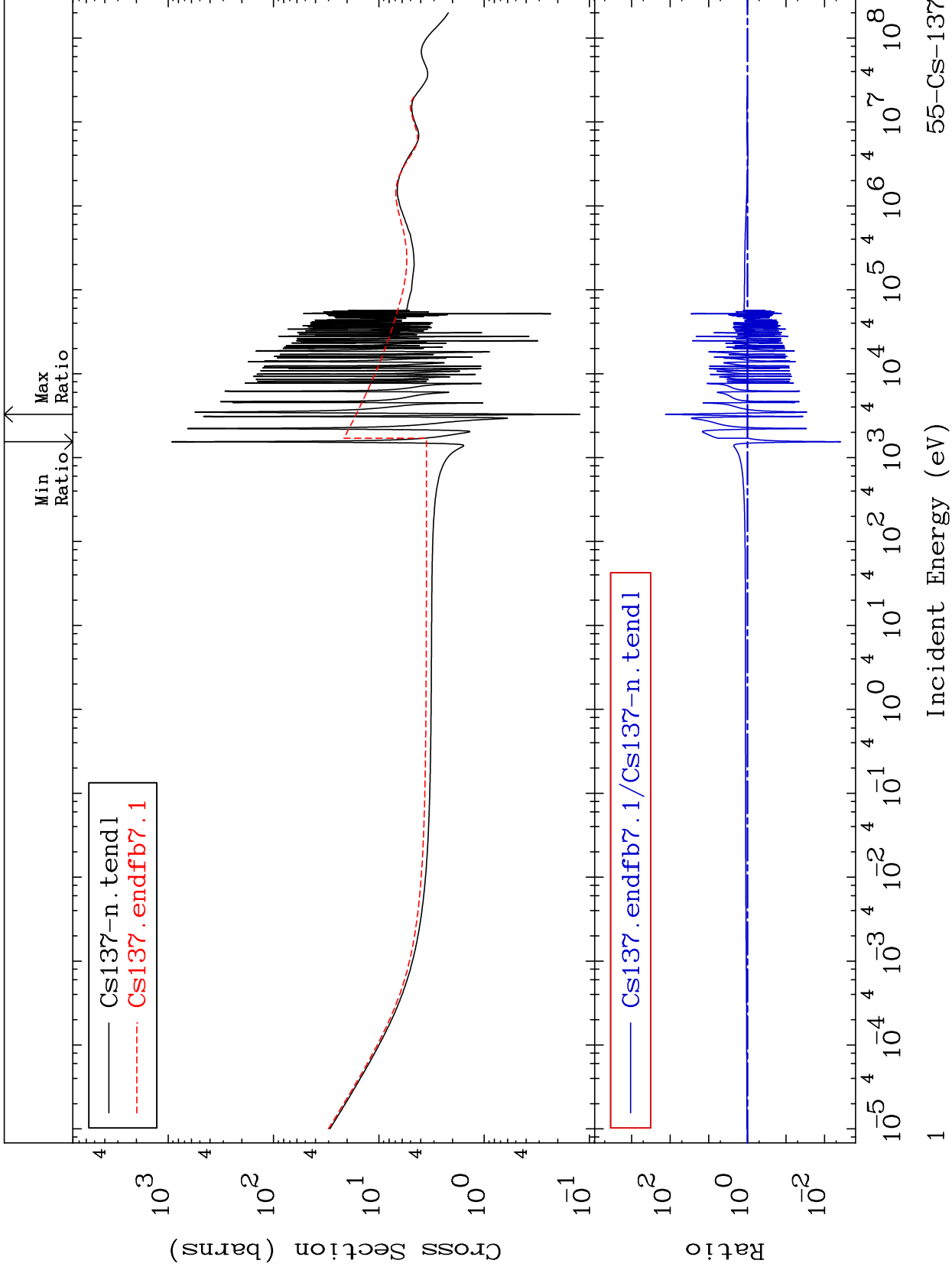


MAT 5537

Total  
Cross Section

55-Cs-137  
-99.62 To 9999. %

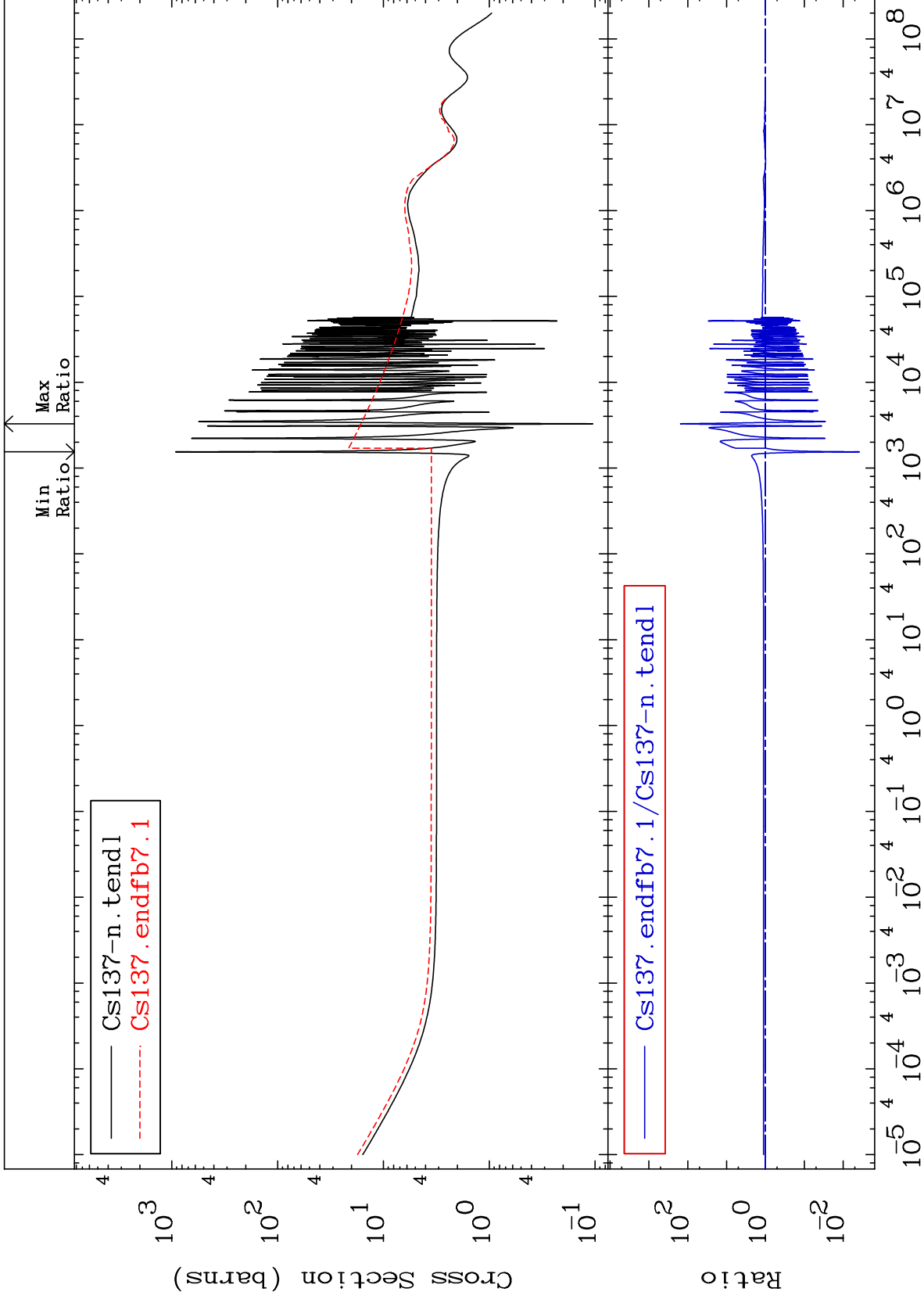


55-Cs-137

MAT 5537

Elastic  
Cross Section

55-Cs-137  
-99.62 To 9999. %



Incident Energy (eV)

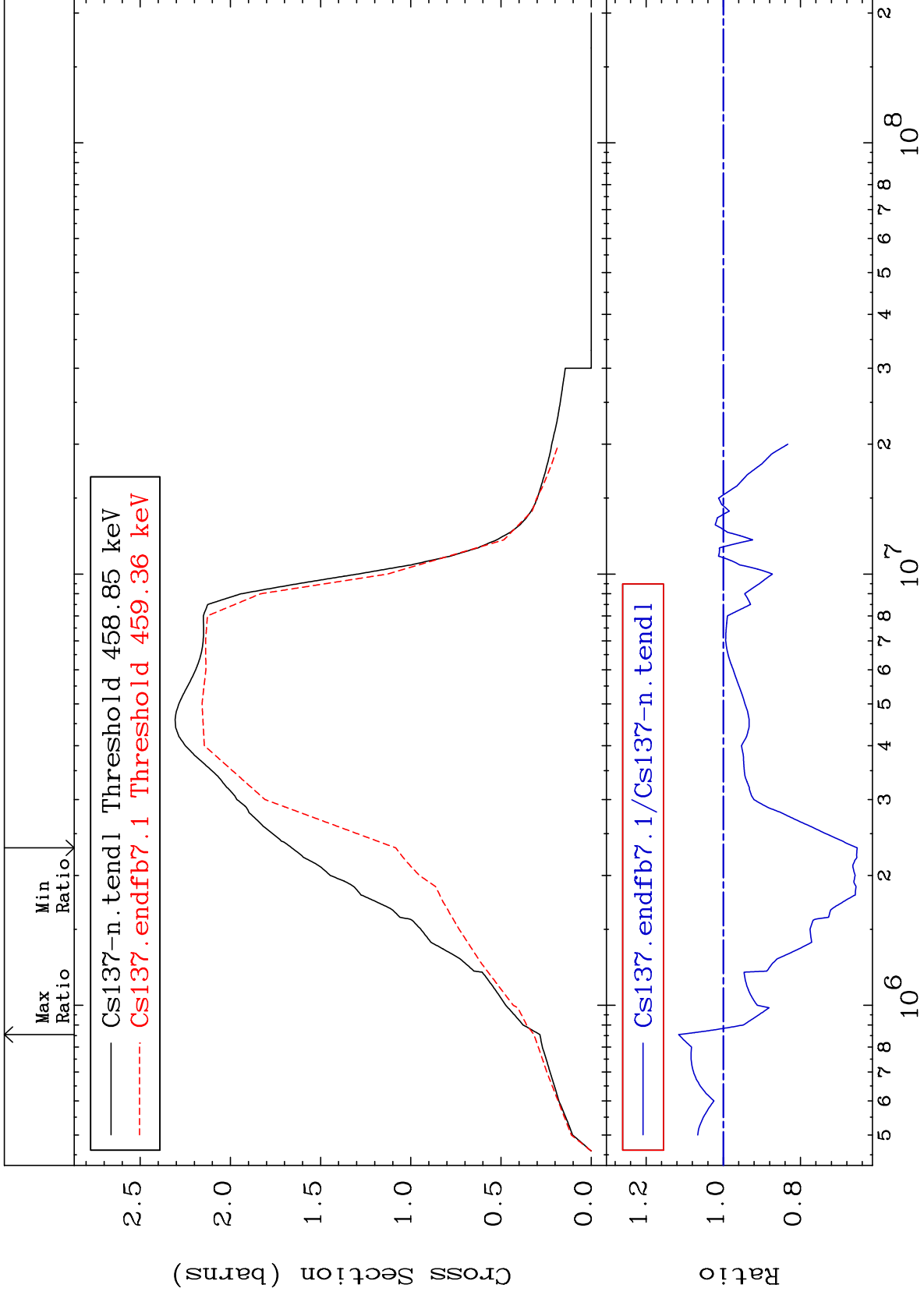
55-Cs-137

2

MAT 5537

Inelastic  
Cross Section

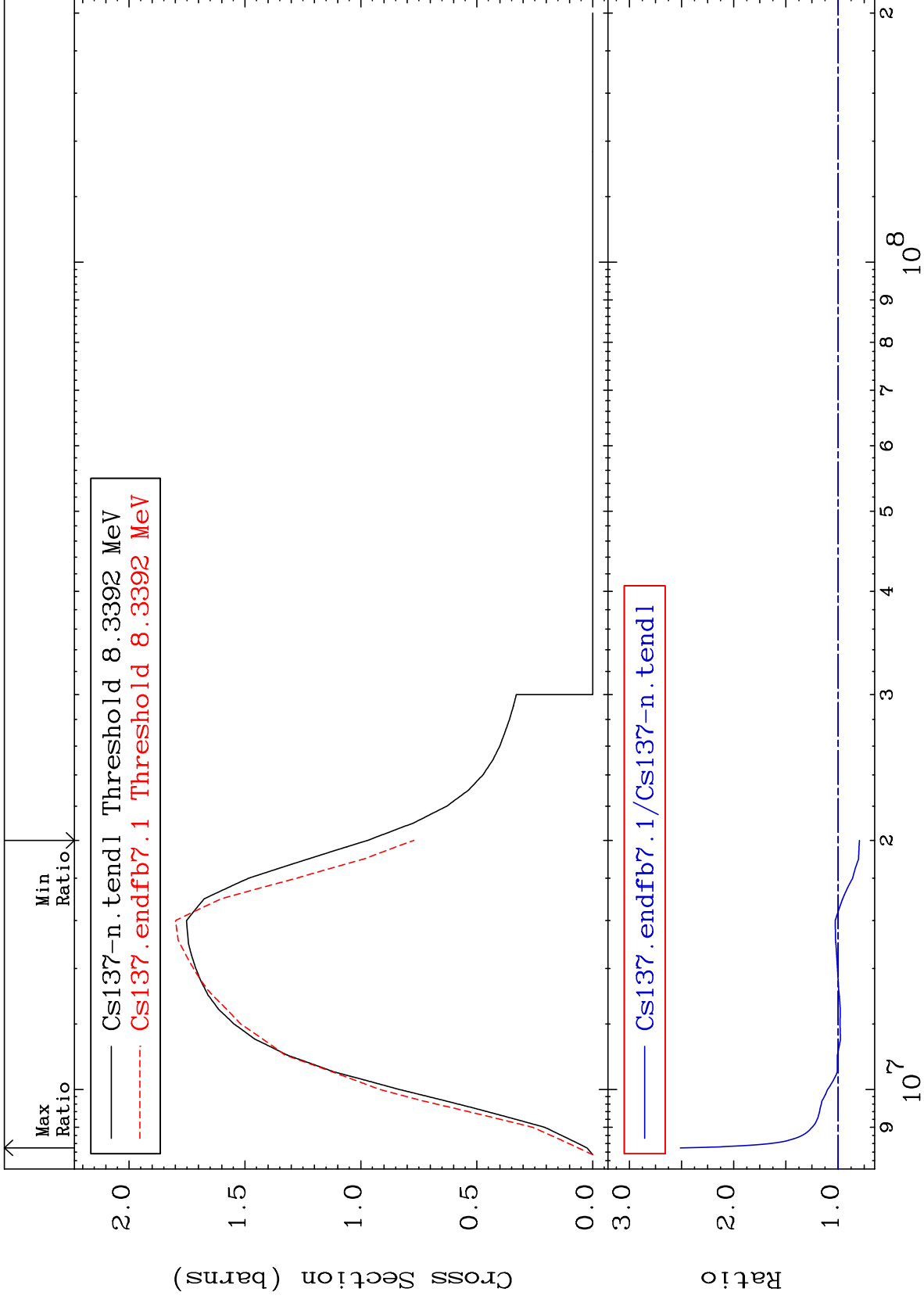
55-Cs-137  
-34.70 To 11.56 %



MAT 5537

(n,2n)  
Cross Section

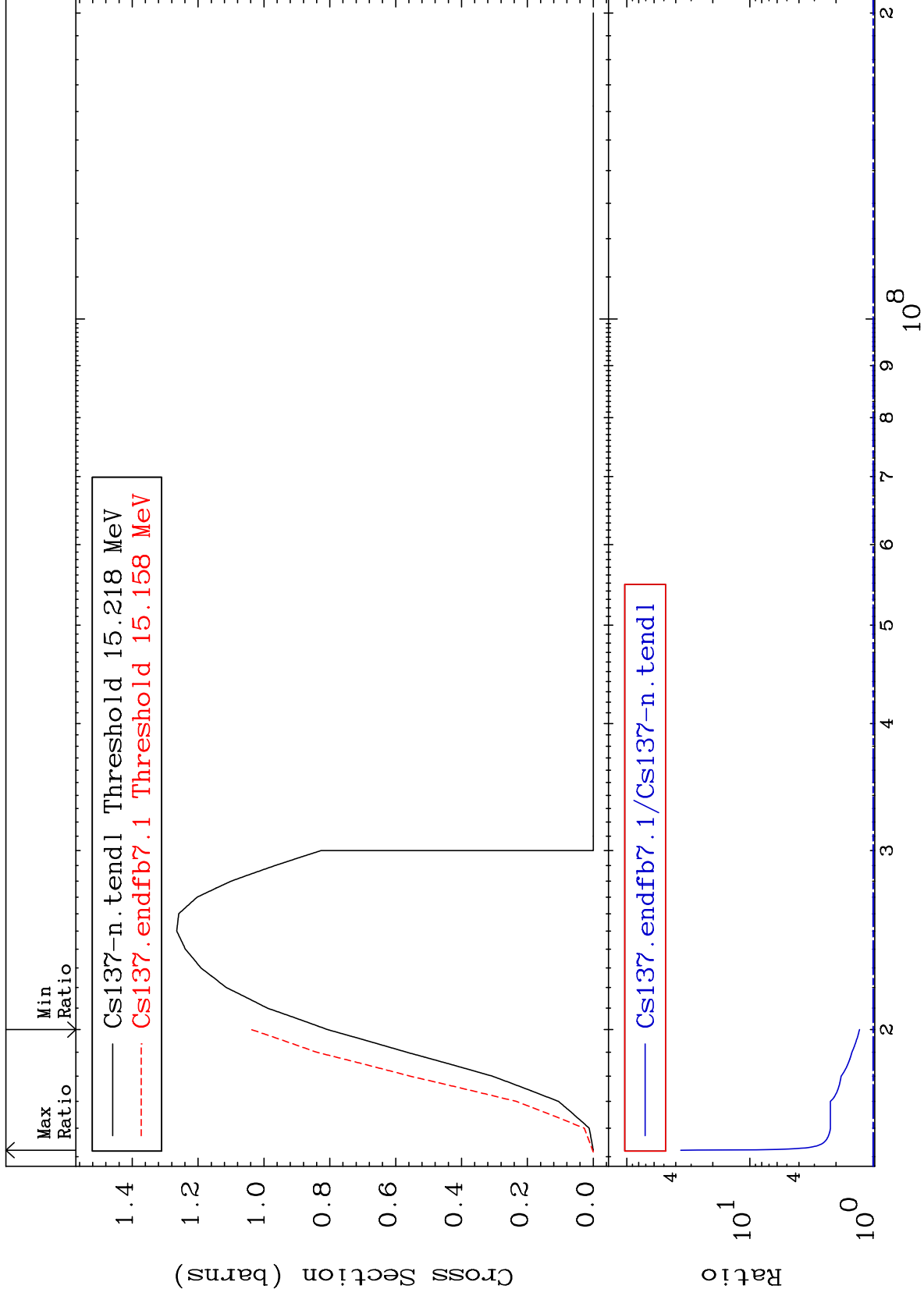
55-Cs-137  
-20.47 To 151.1 %

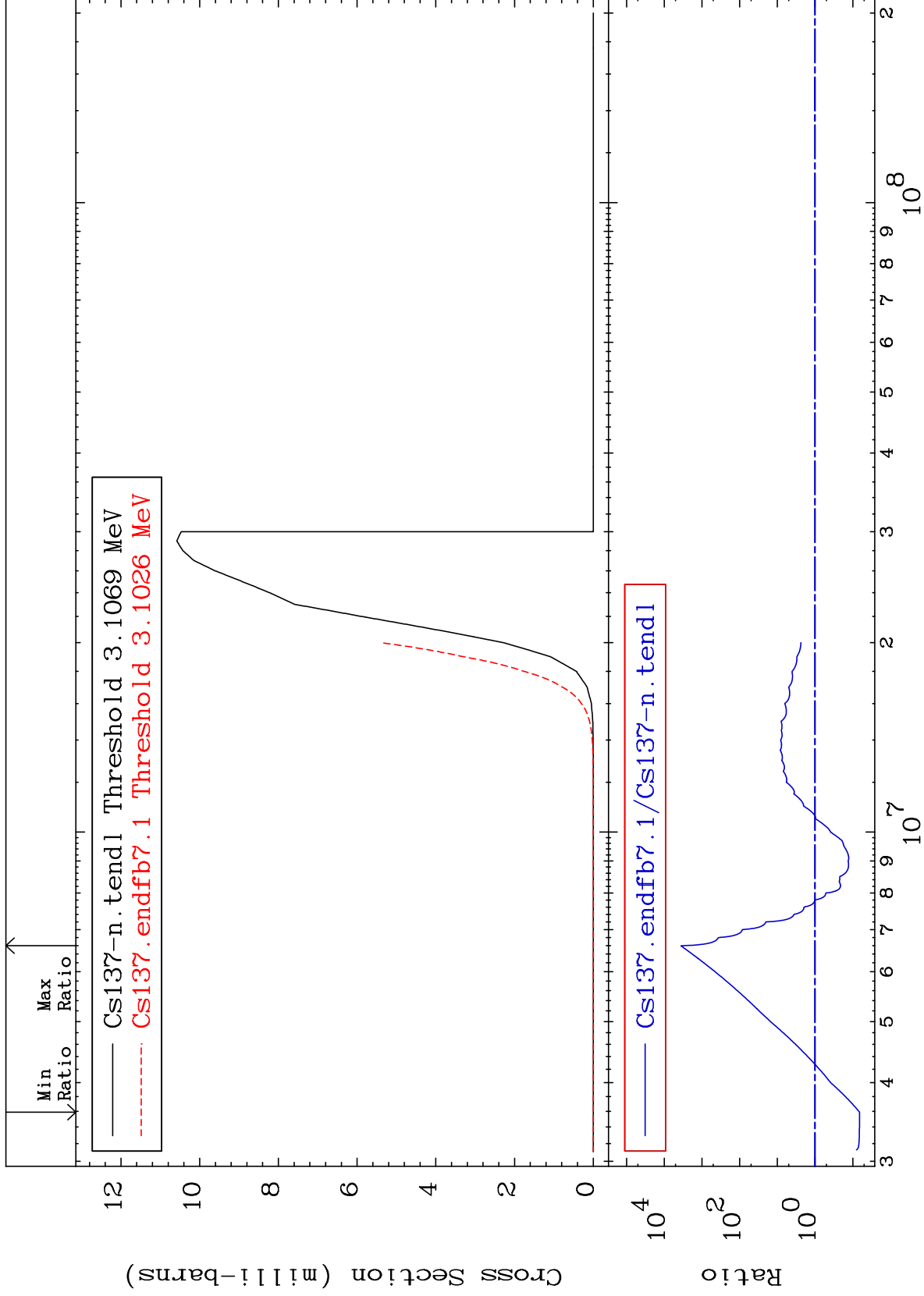


4

Incident Energy (eV)

55-Cs-137

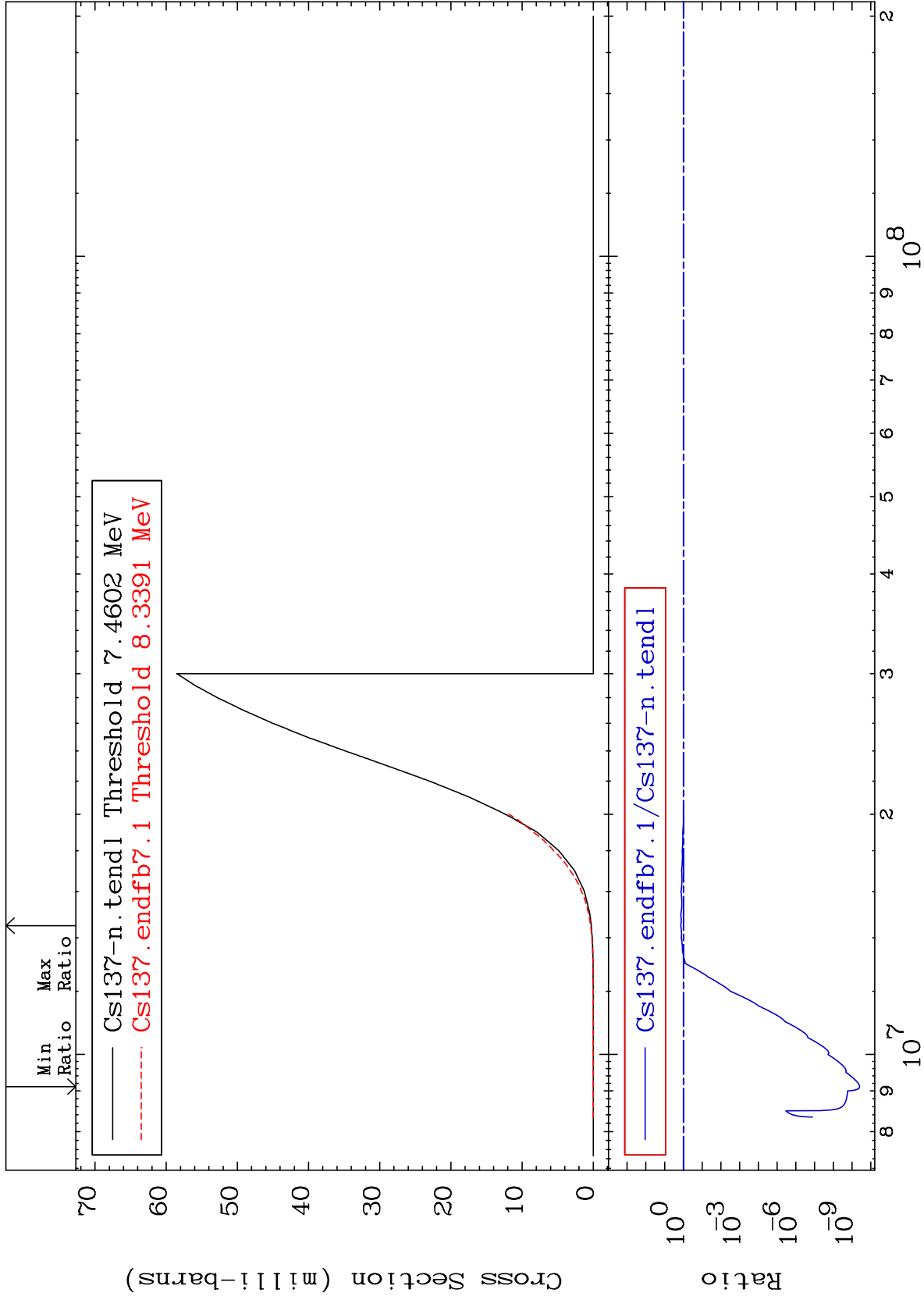




MAT 5537

(n,n') p  
Cross Section

55-Cs-137  
-100.0 To 37.07 %



7

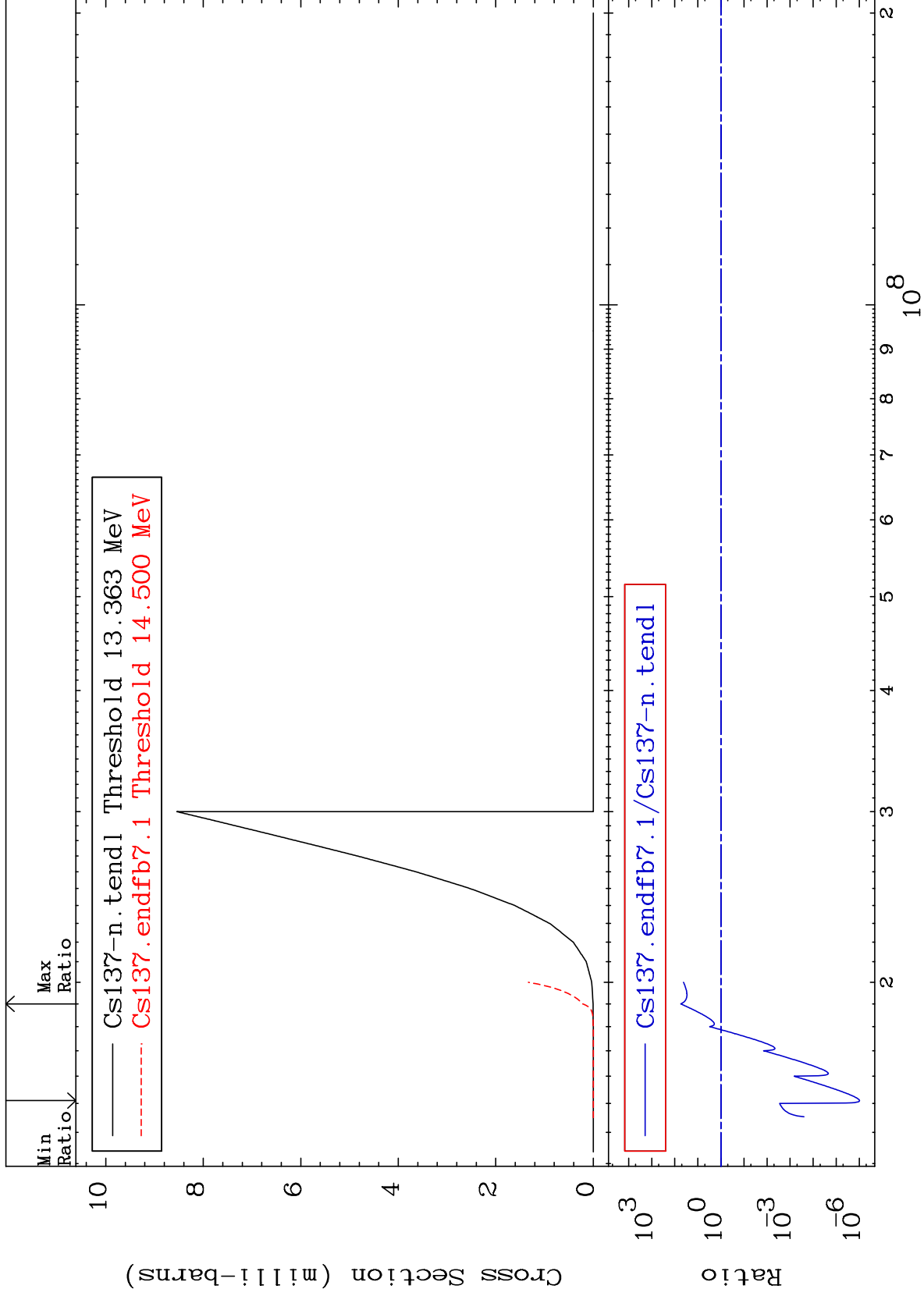
Incident Energy (eV)

55-Cs-137

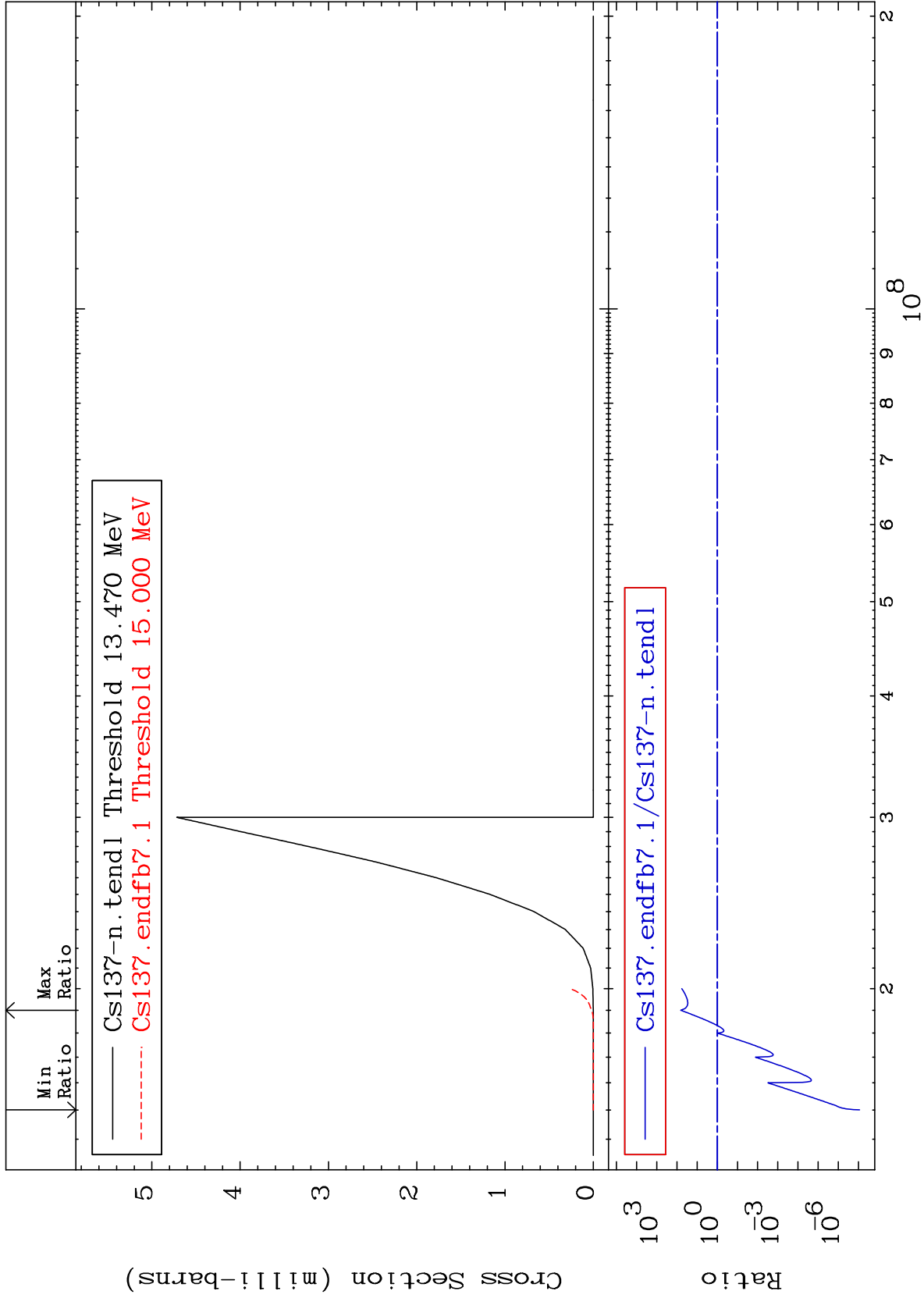
MAT 5537

(n,n') d  
Cross Section

55-Cs-137  
-100.0 To 5389. %







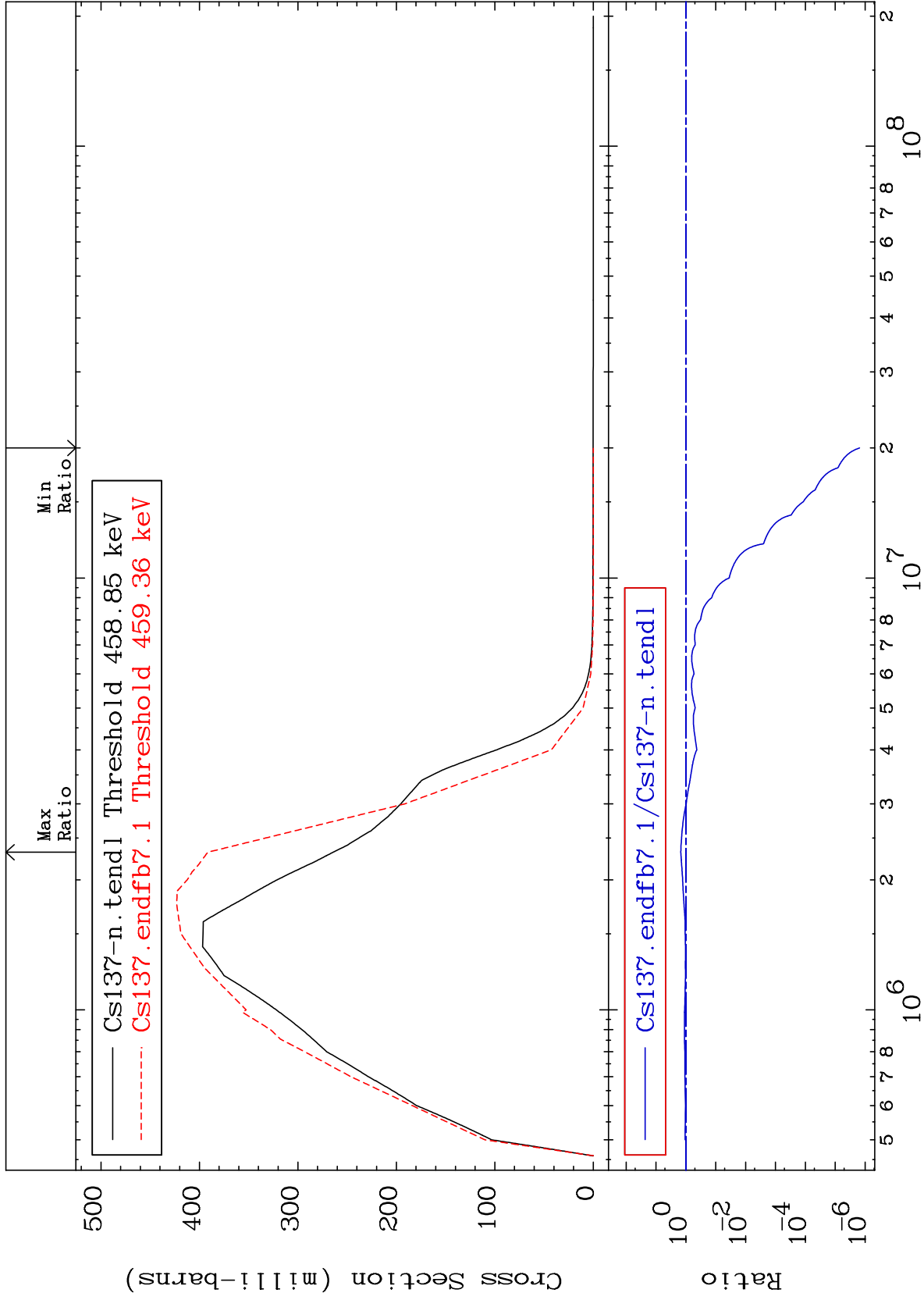
MAT 5537

455.5 keV (n,n') Level

55-Cs-137

-100.0 To 48.23 %

Cross Section



10

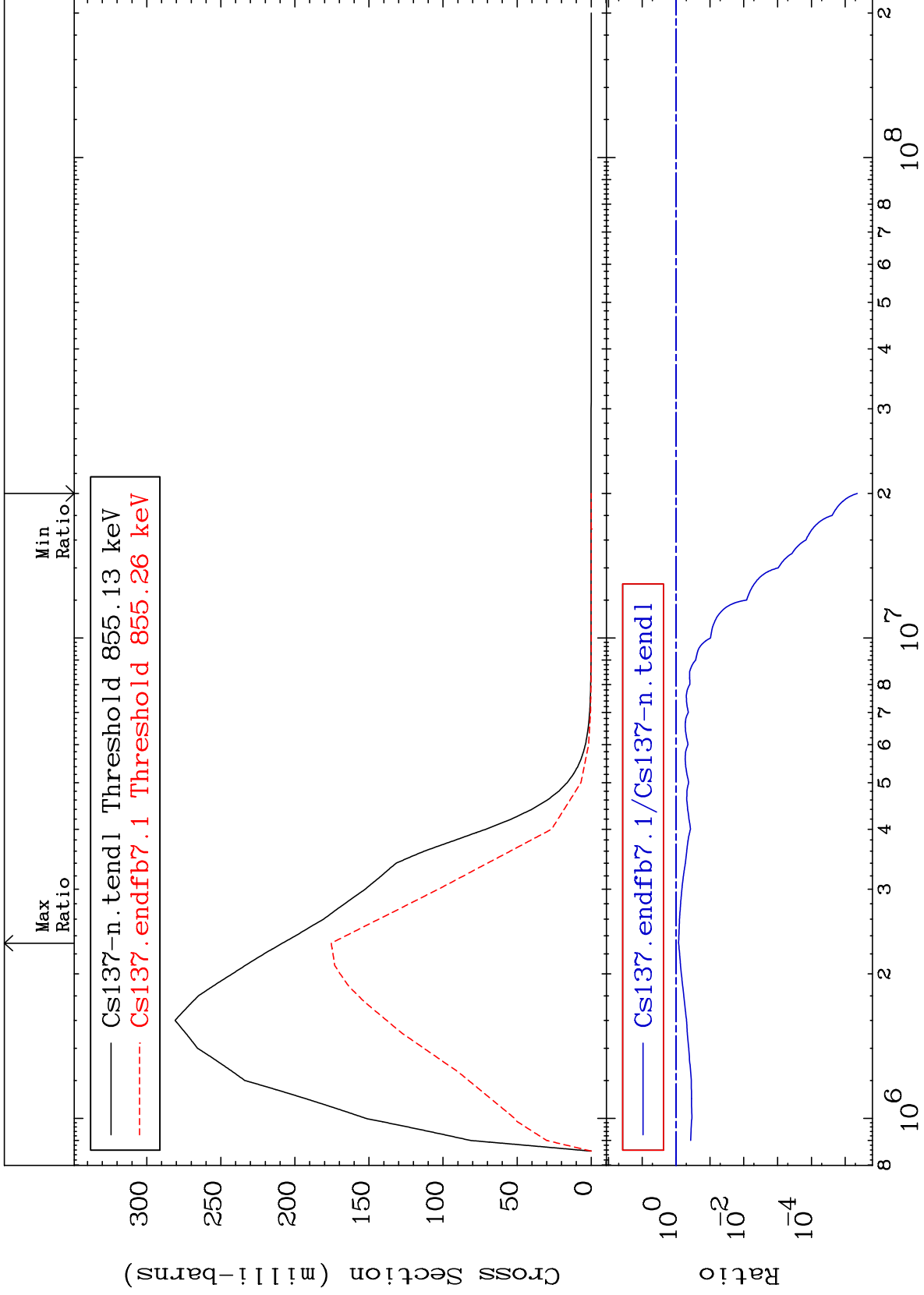
Incident Energy (eV)

55-Cs-137

MAT 5537

848.9 keV (n,n') Level  
Cross Section

55-Cs-137  
-100.0 To -15.79%



11

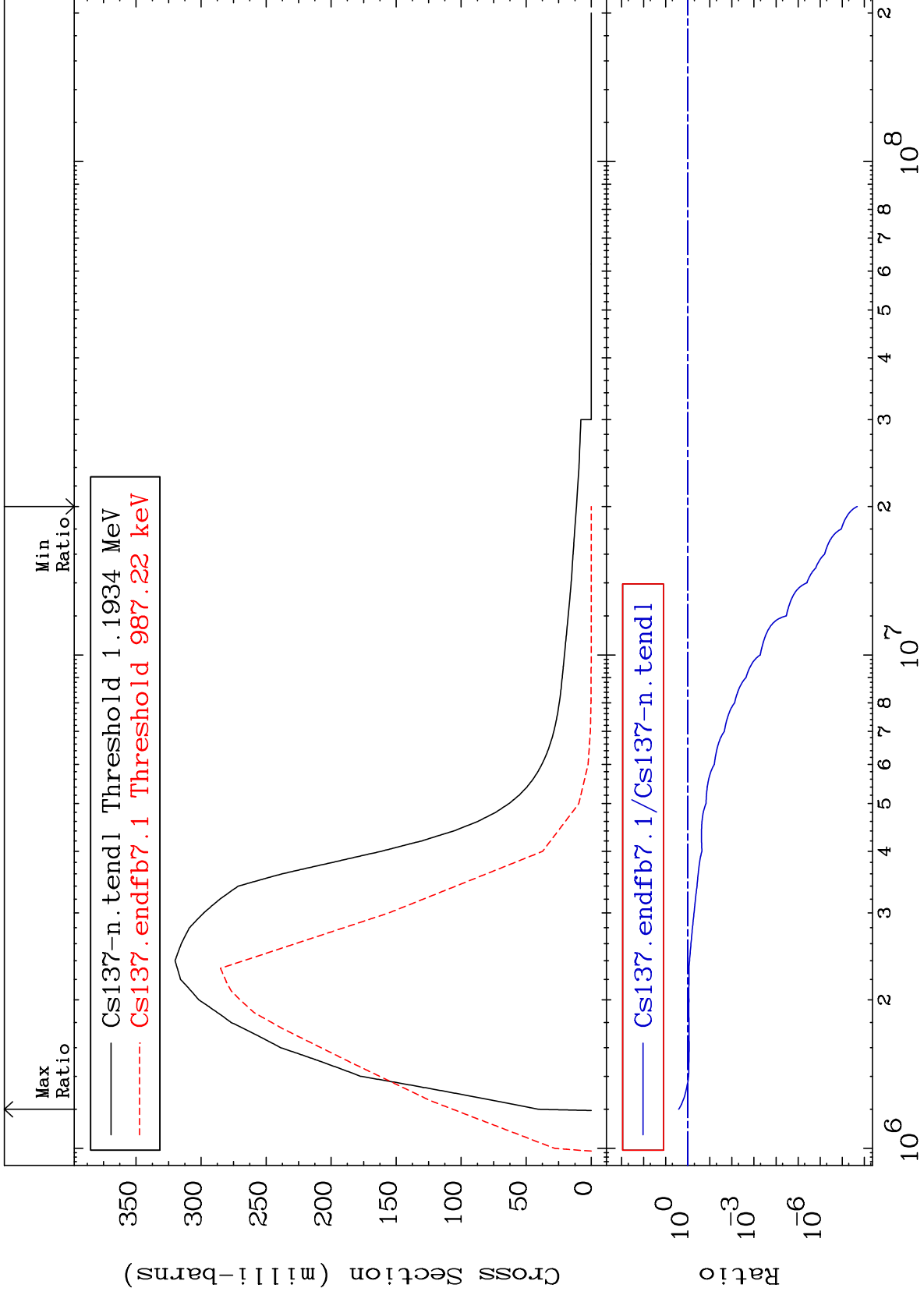
Incident Energy (eV)

55-Cs-137

MAT 5537

1.185 MeV (n,n') Level  
Cross Section

55-Cs-137  
-100.0 To 161.4 %



12

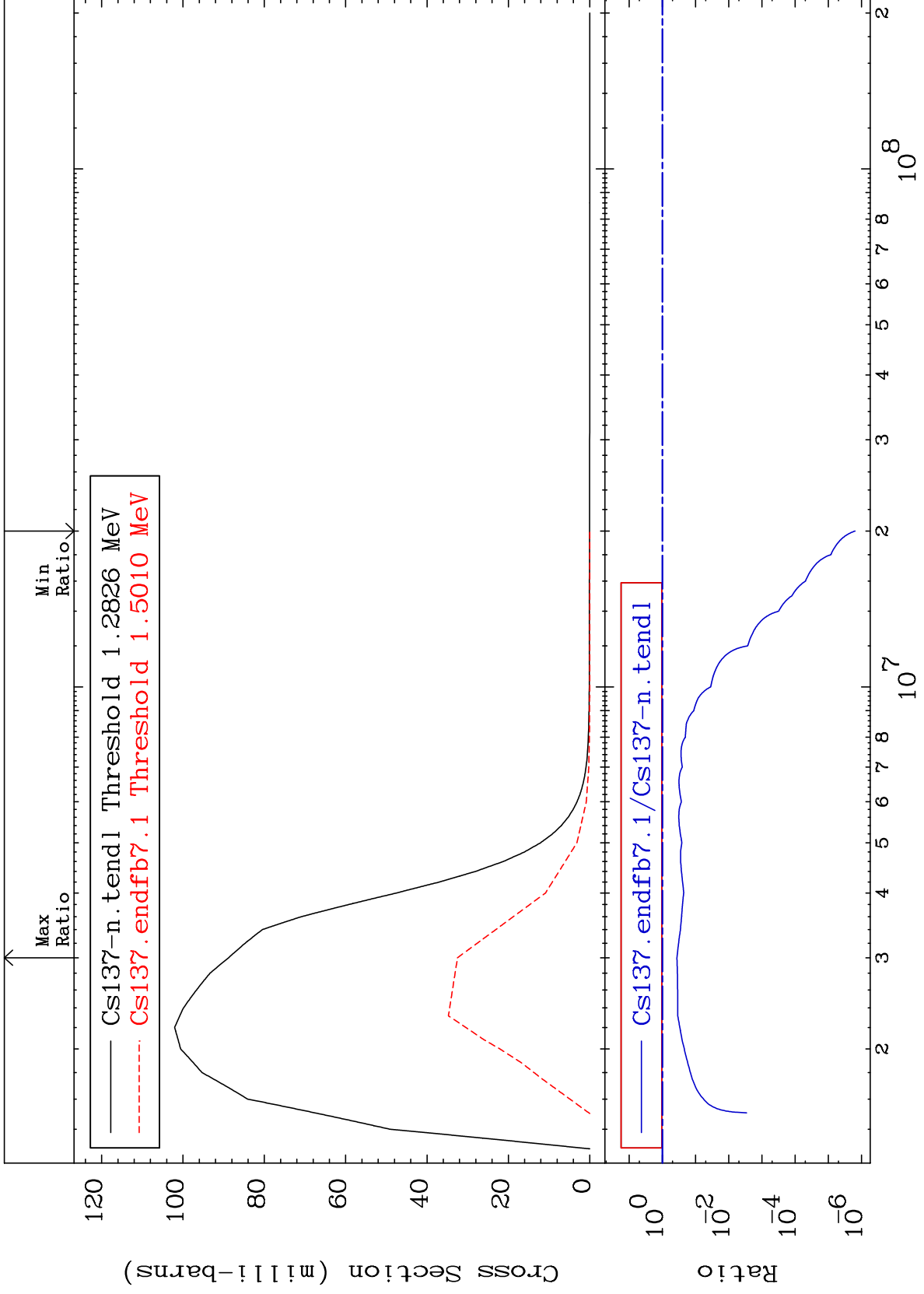
Incident Energy (eV)

55-Cs-137

MAT 5537

1.273 MeV (n,n') Level  
Cross Section

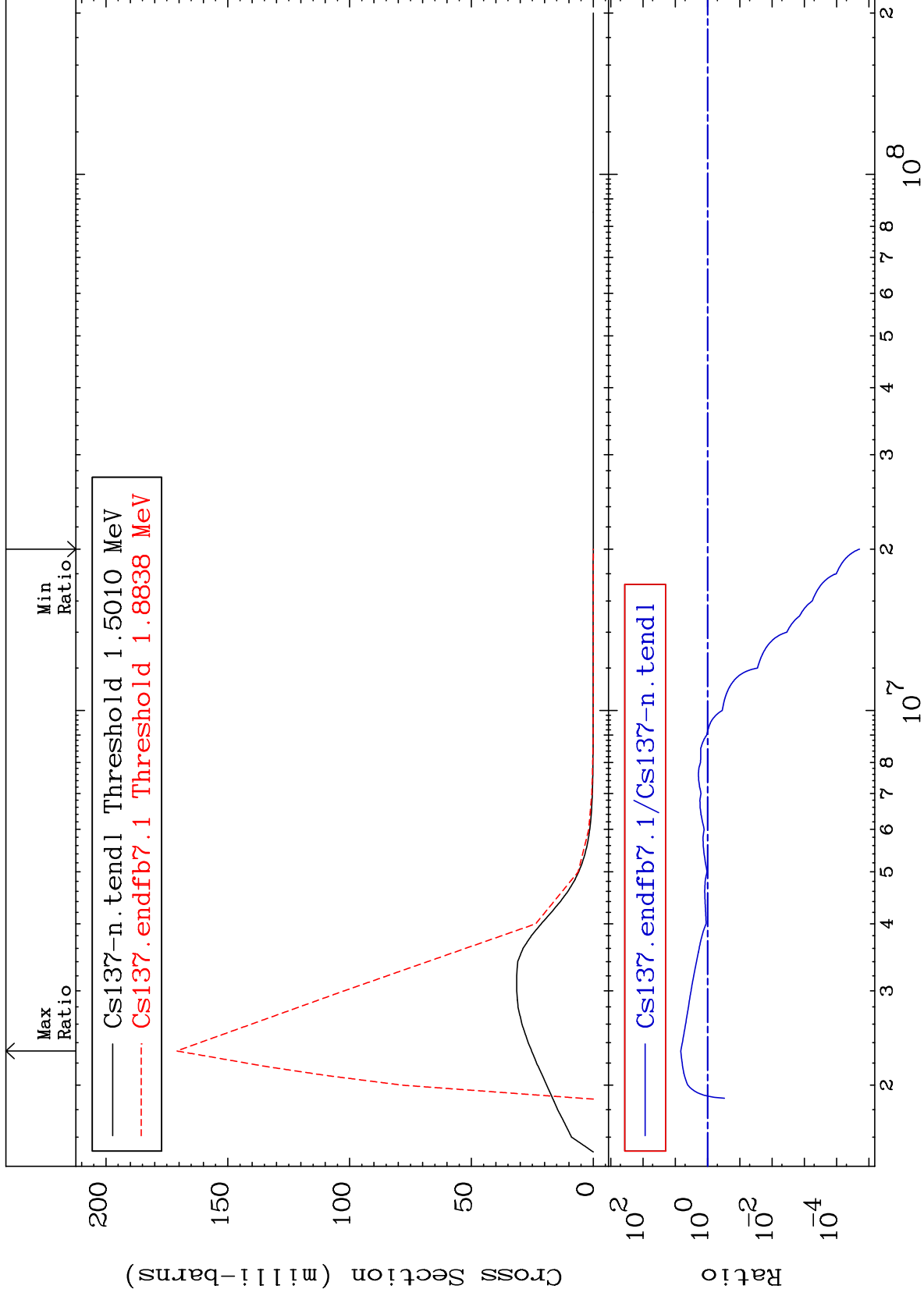
55-Cs-137  
-100.0 To -63.39%



MAT 5537

1.490 MeV (n,n') Level  
Cross Section

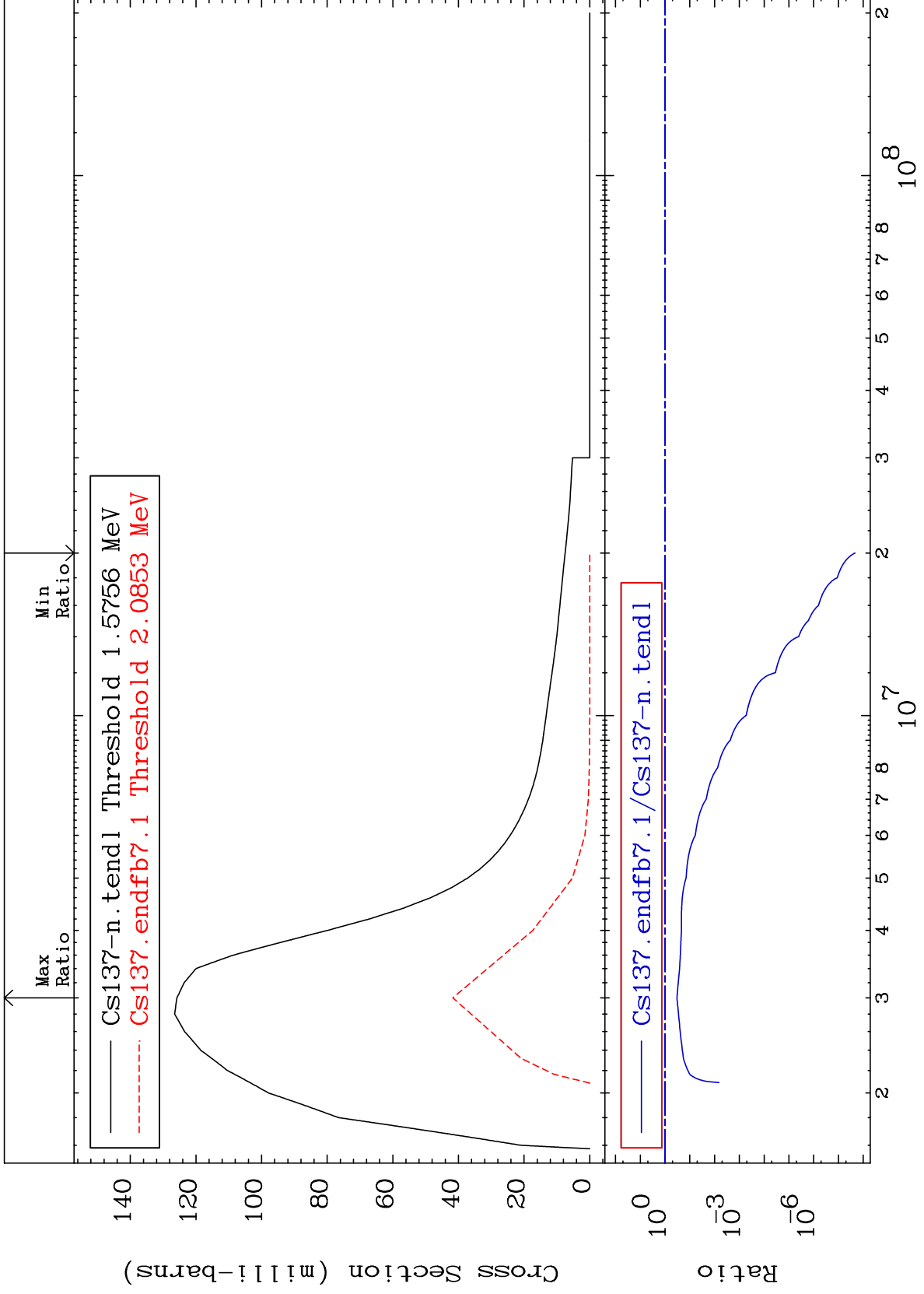
55-Cs-137  
-100.0 To 576.1 %



MAT 5537

1.564 MeV (n,n') Level  
Cross Section

55-Cs-137  
-100.0 To -66.84%



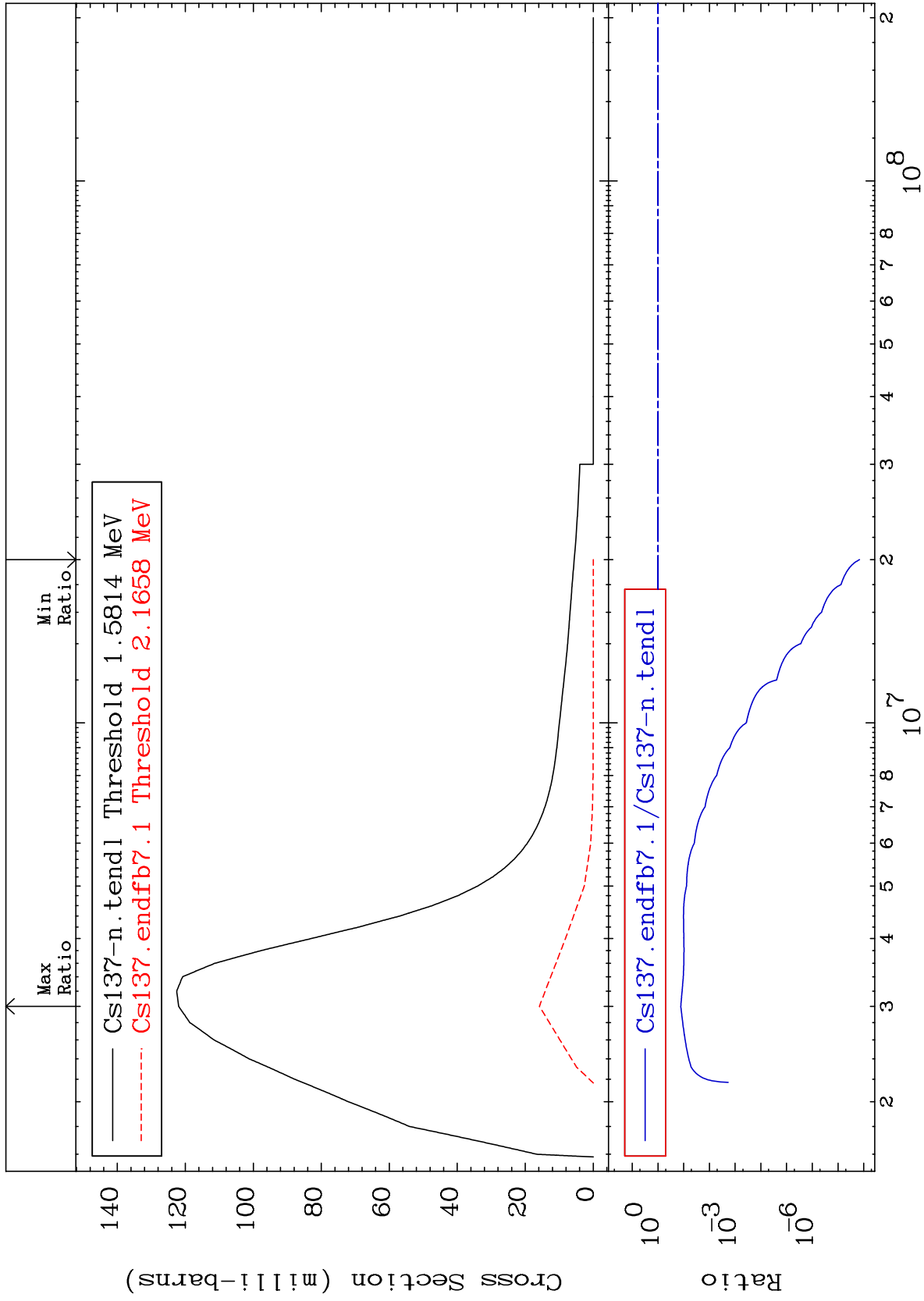
MAT 5537

1.570 MeV (n,n') Level

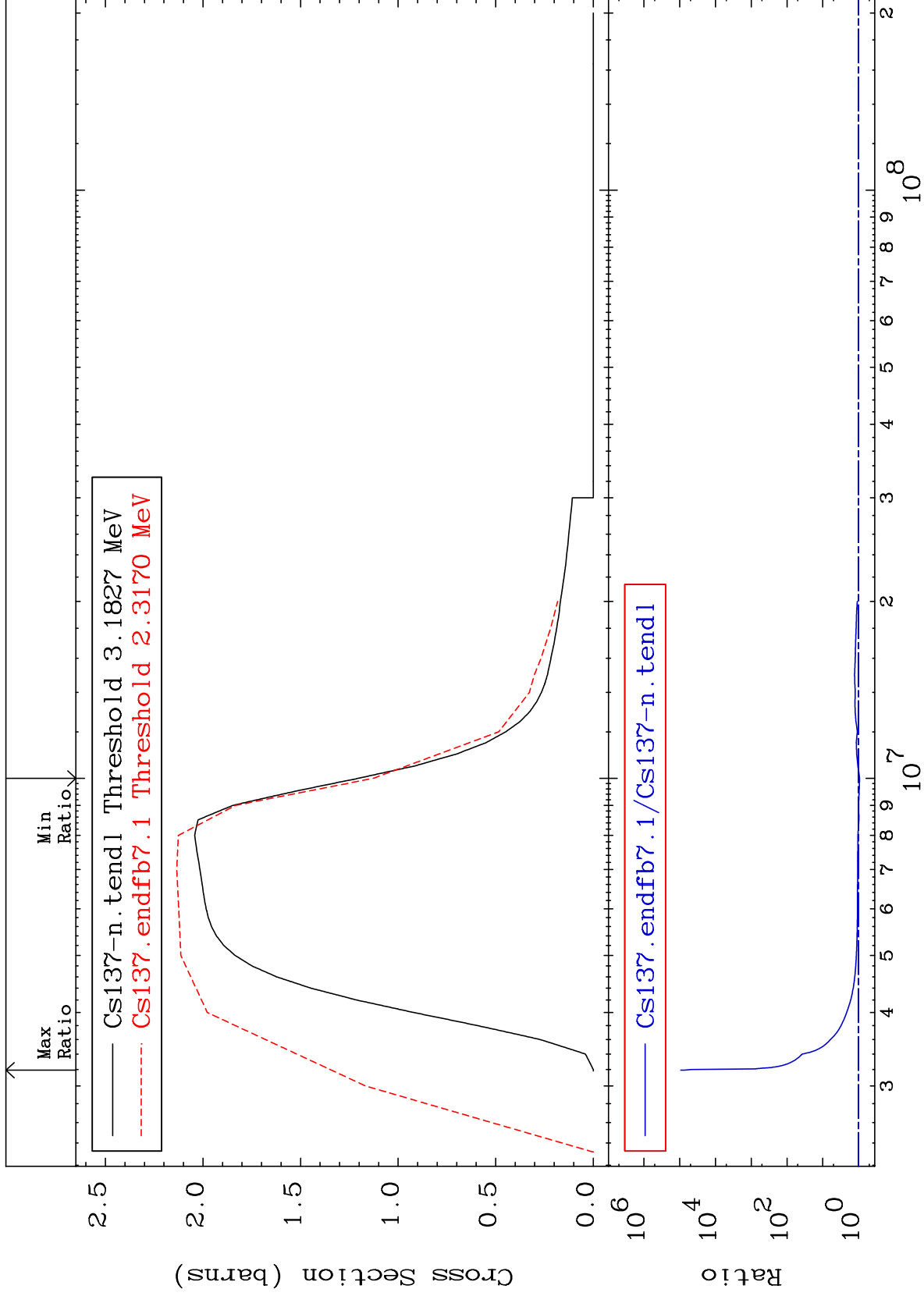
55-Cs-137

-100.0 To -87.00%

Cross Section







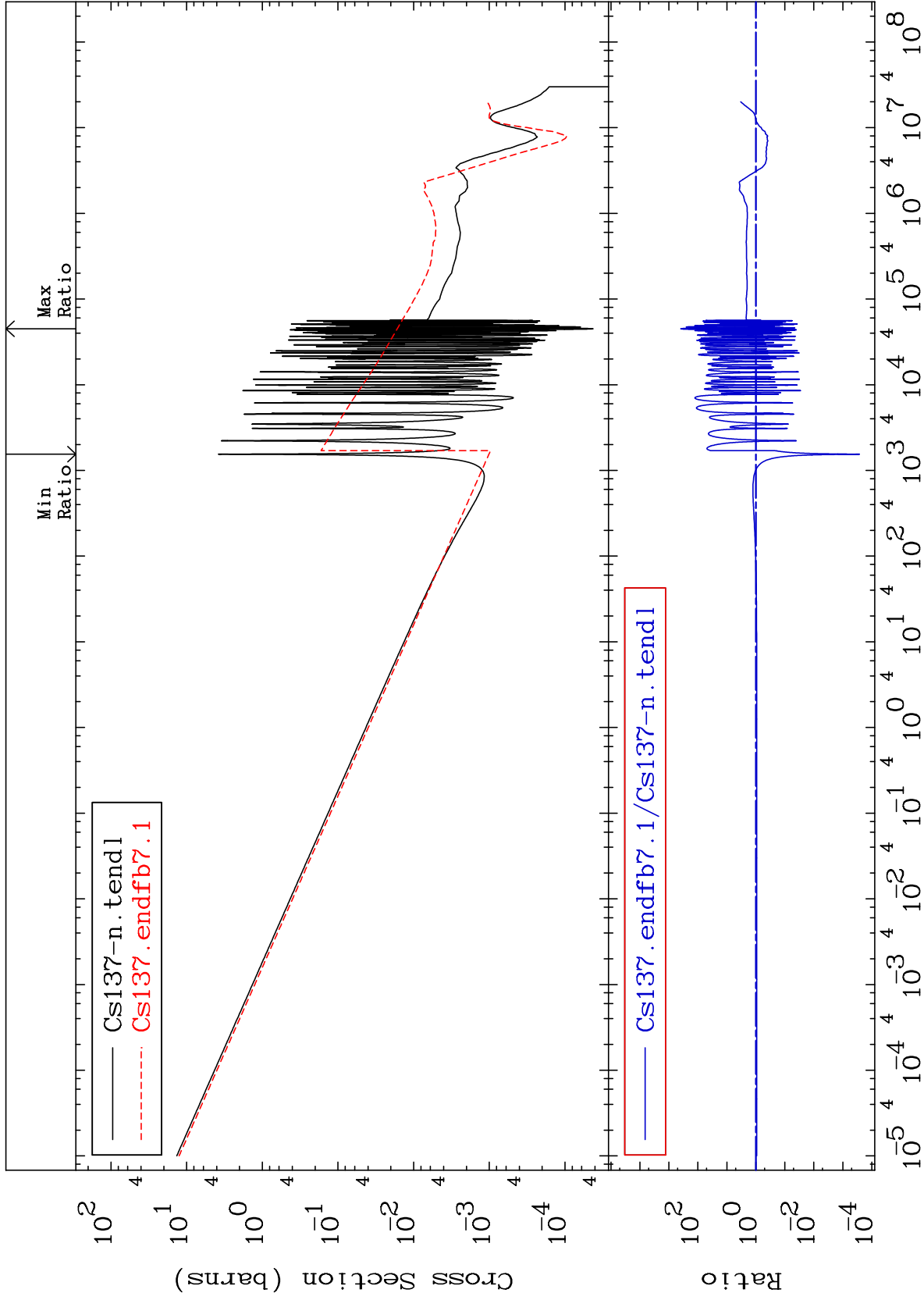
MAT 5537

(n,  $\gamma$ )

55-Cs-137

Cross Section

-99.97 To 9999. %



18

Incident Energy (eV)

55-Cs-137

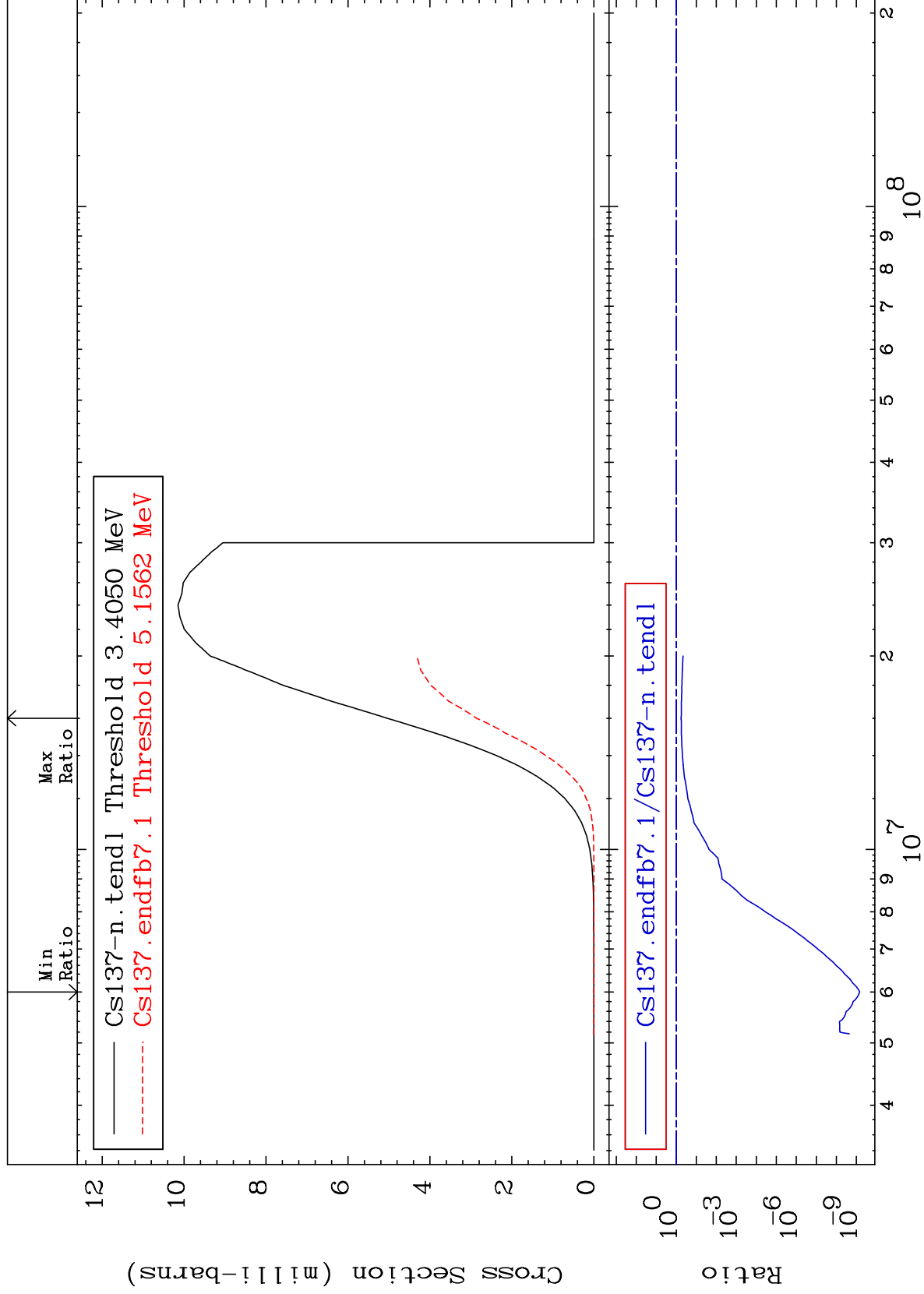
MAT 5537

(n,p)

55-Cs-137

Cross Section

-100.0 To -43.17%



19

Incident Energy (eV)

55-Cs-137

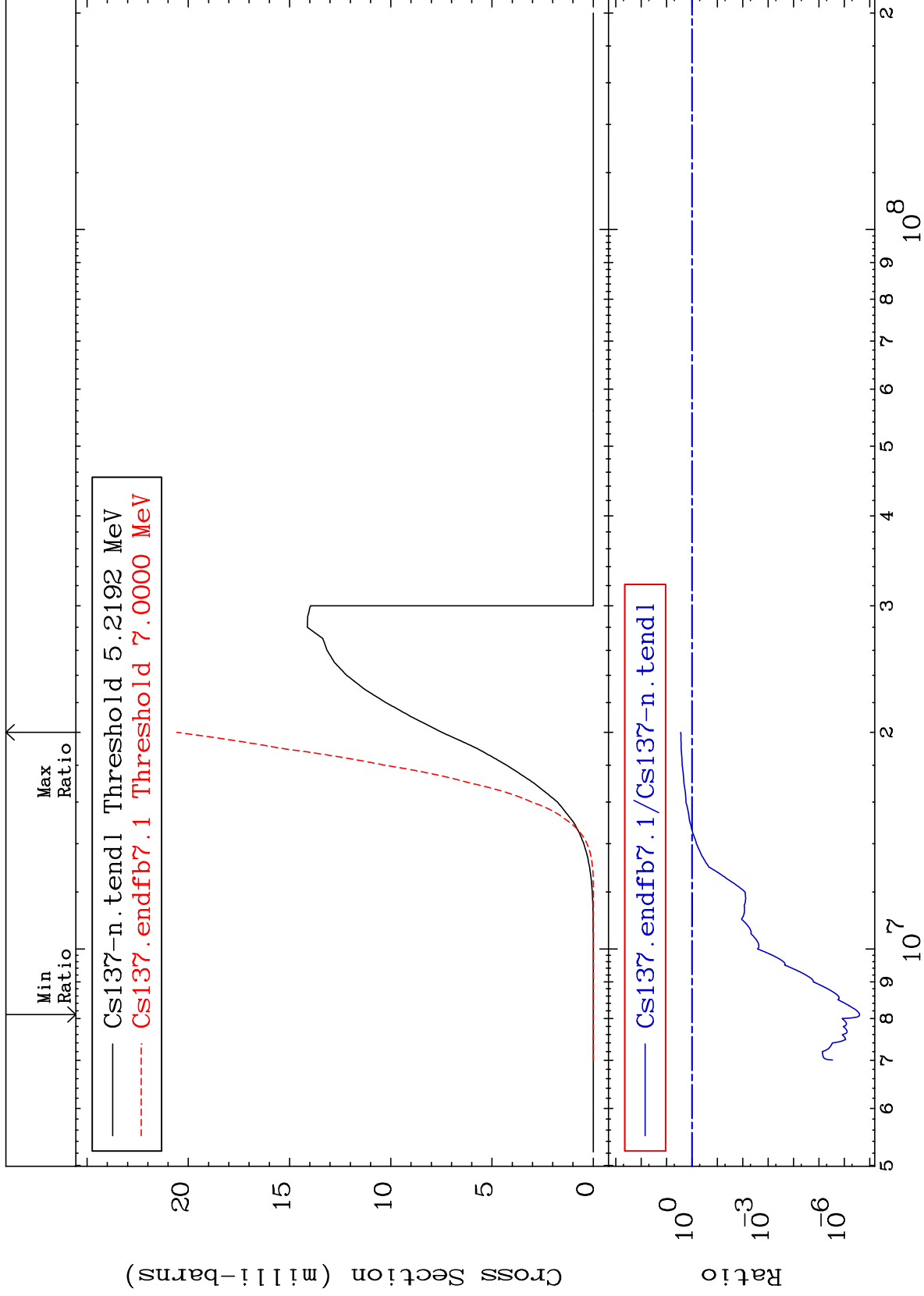
MAT 5537

(n, d)

55-Cs-137

Cross Section

-100.0 To 175.1 %



20

Incident Energy (eV)

55-Cs-137

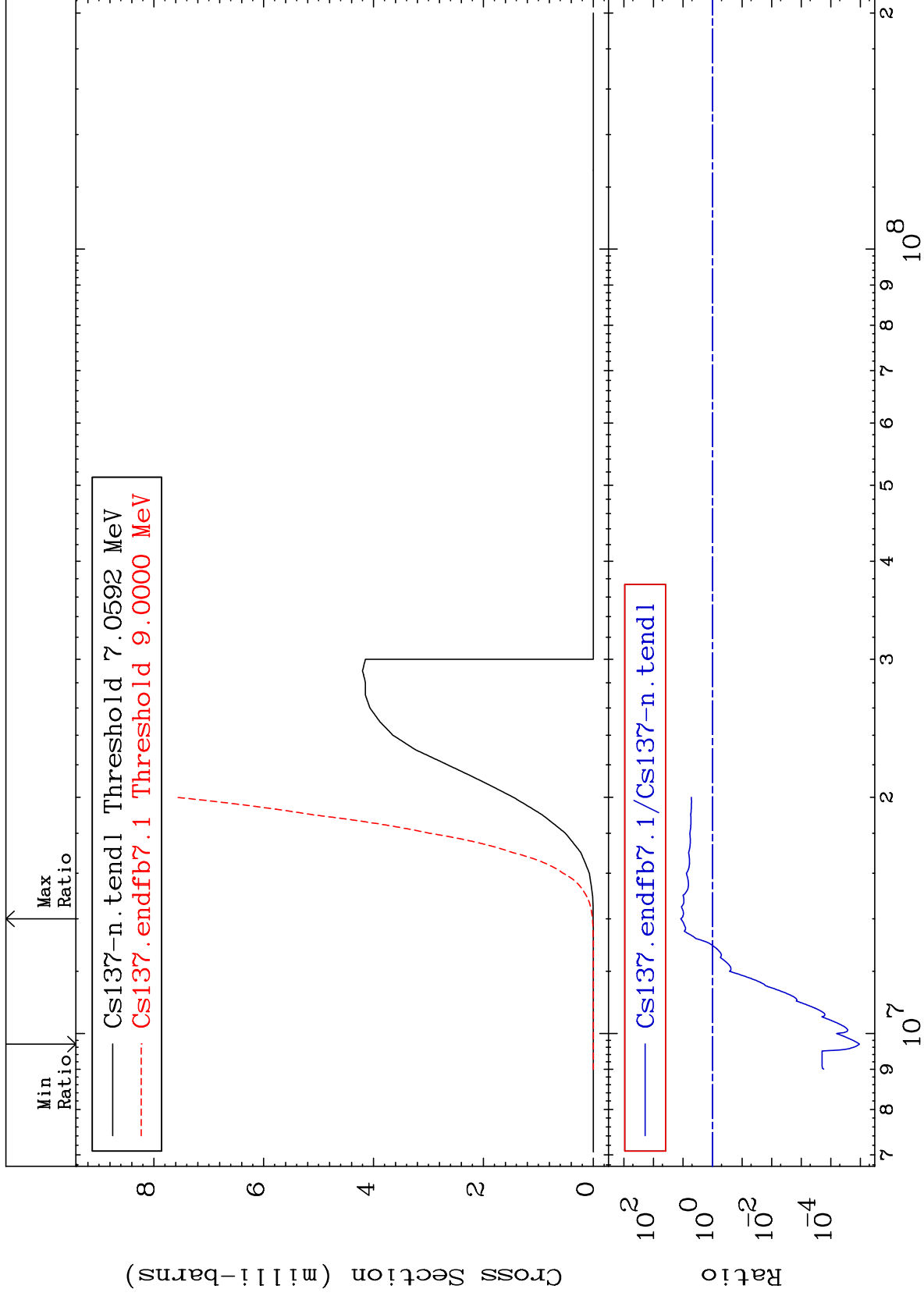
MAT 5537

(n, t)

55-Cs-137

Cross Section

-100.0 To 1094. %



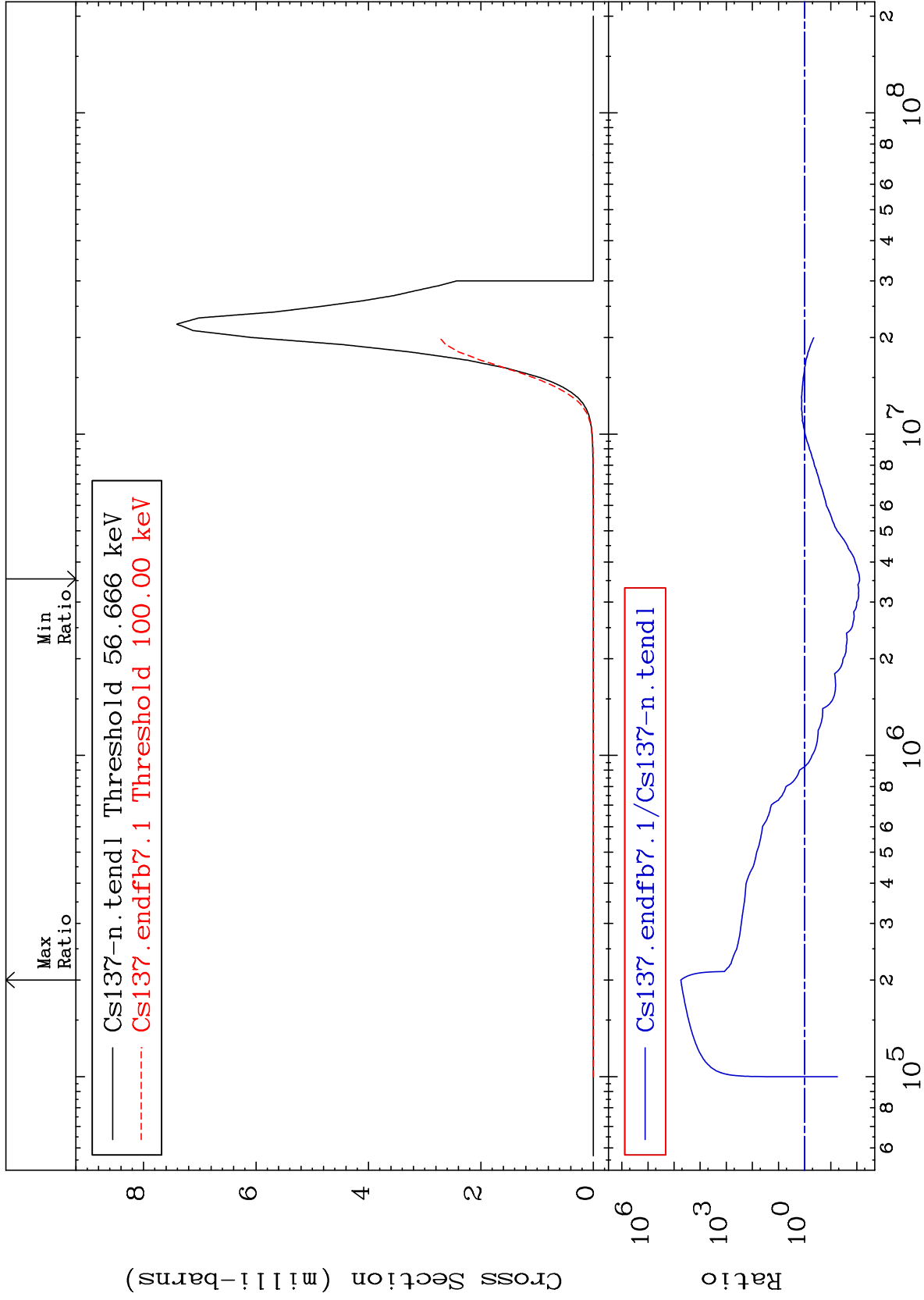
MAT 5537

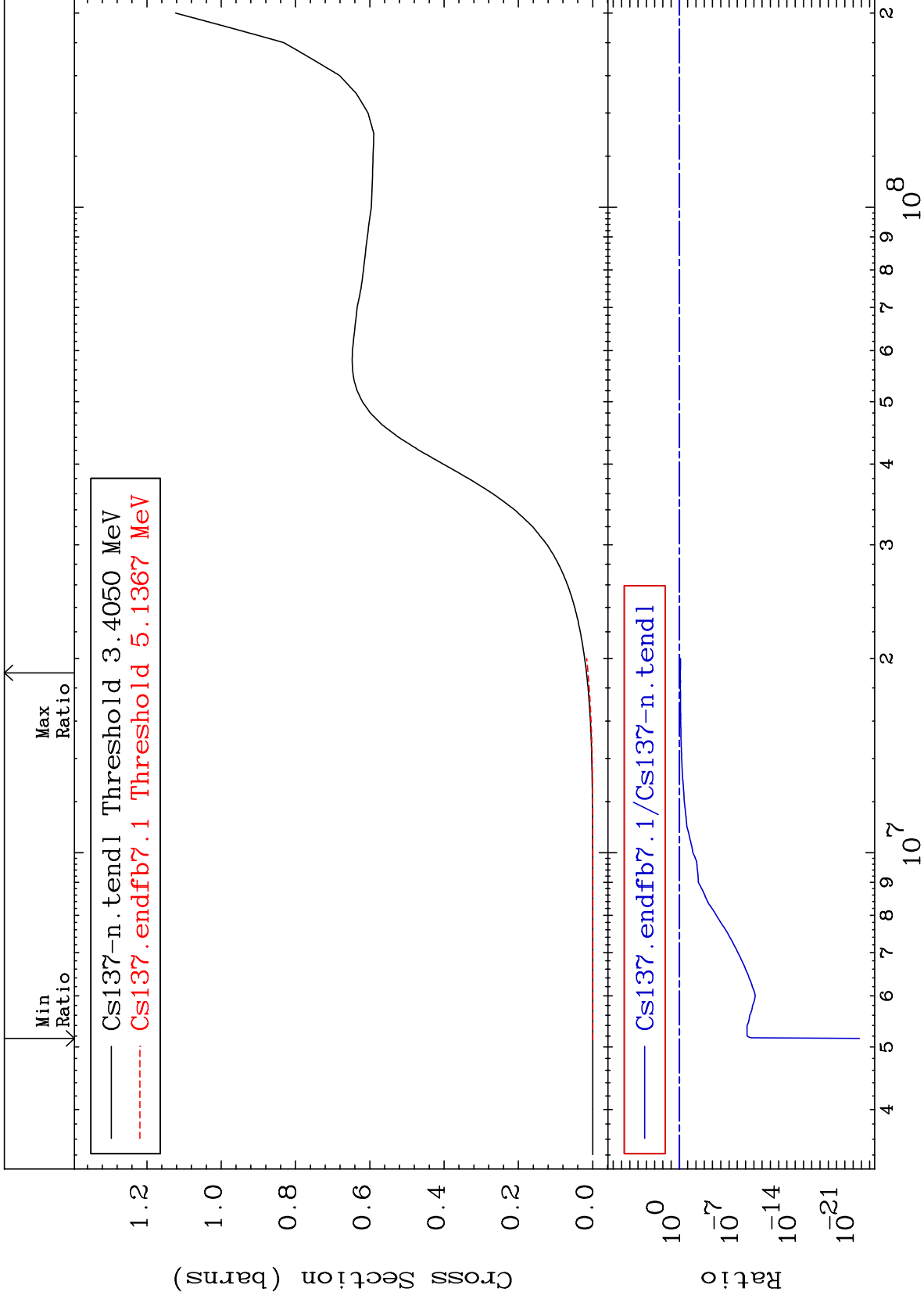
(n,  $\alpha$ )

55-Cs-137

Cross Section

-99.21 To 9999. %

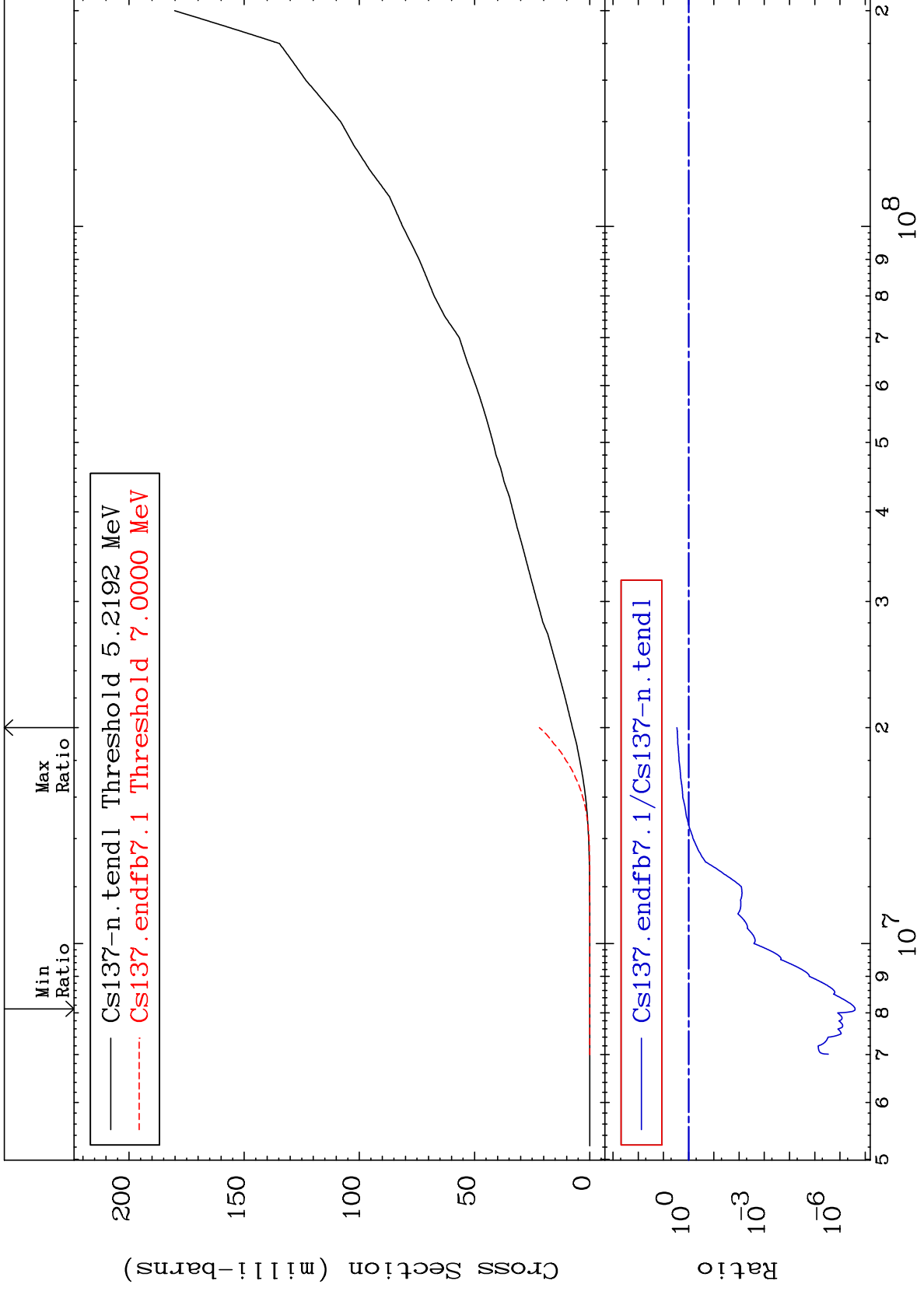




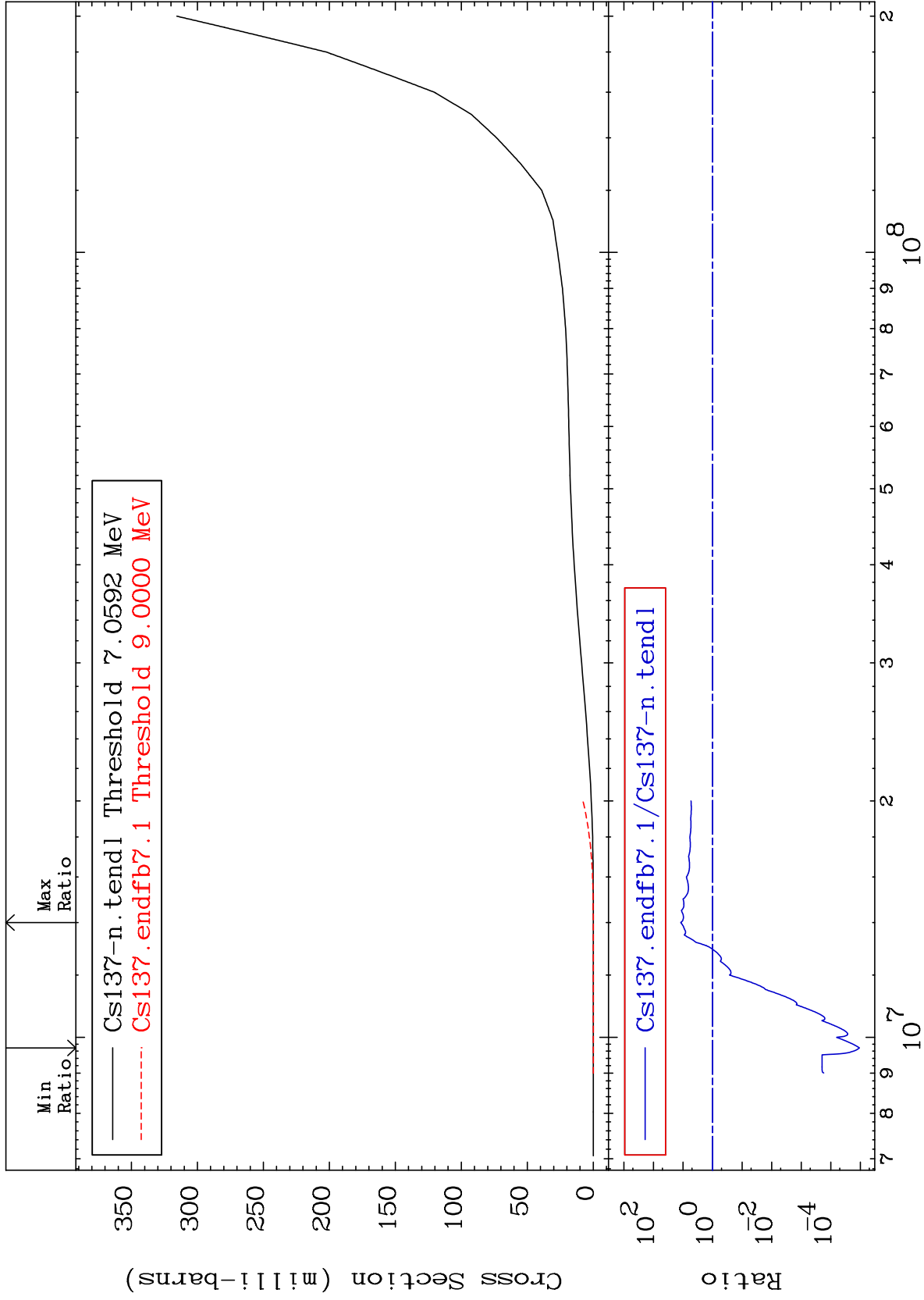
MAT 5537

Deuterium Production  
Cross Section

55-Cs-137  
-100.0 To 191.6 %



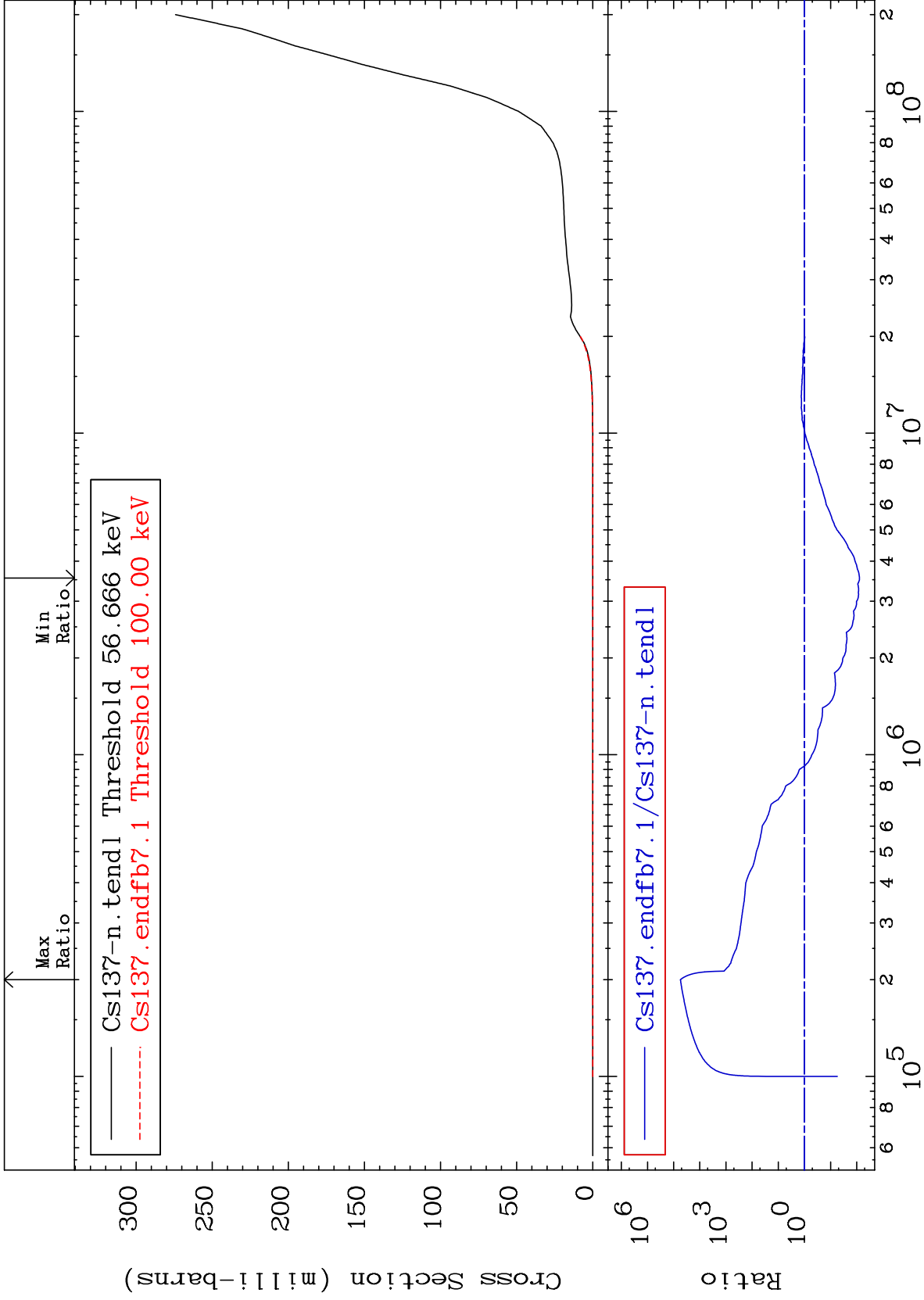




MAT 5537

He-4 Production  
Cross Section

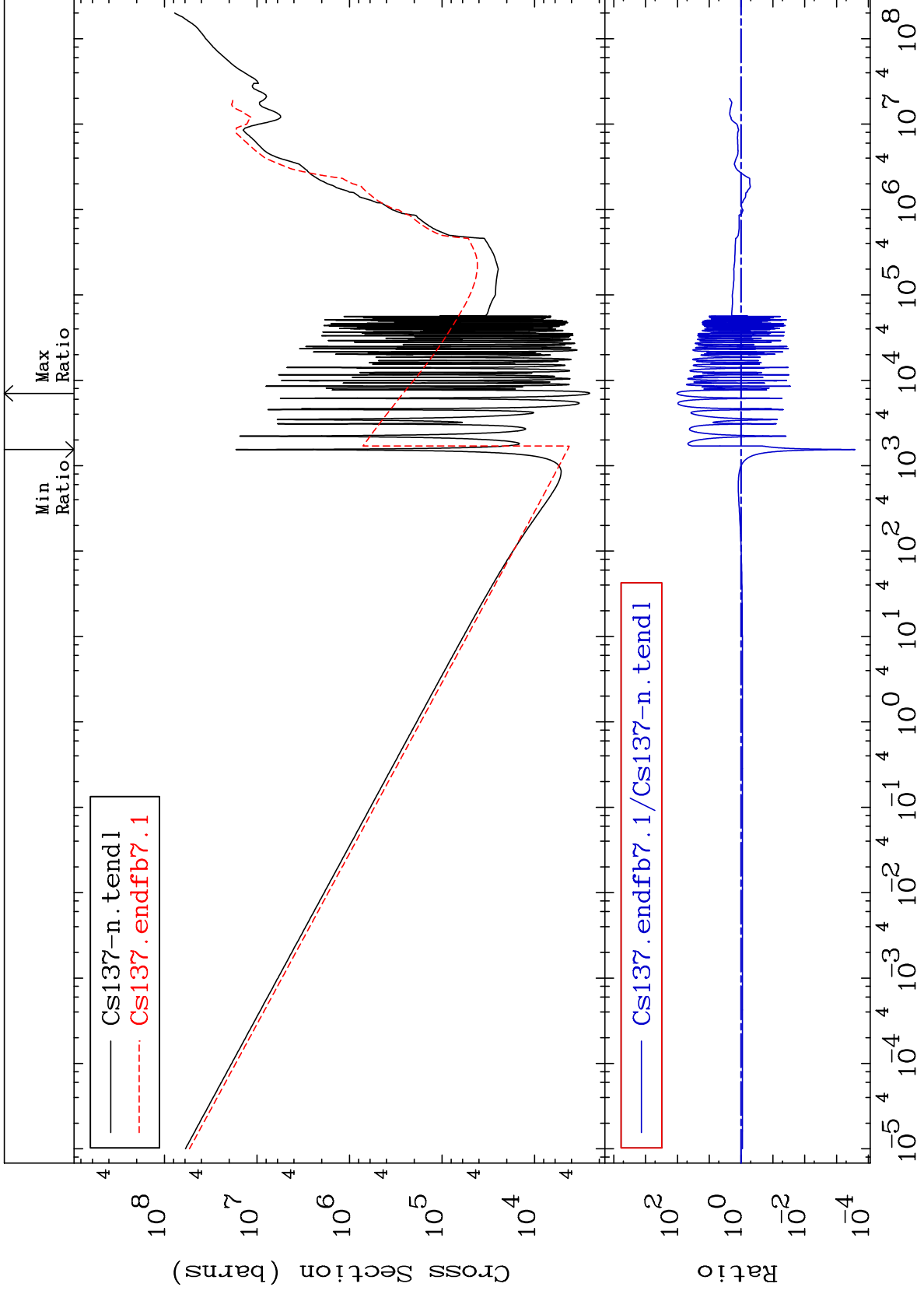
55-Cs-137  
-99.21 To 9999. %



MAT 5537

Kerma total (eV-barns)  
Cross Section

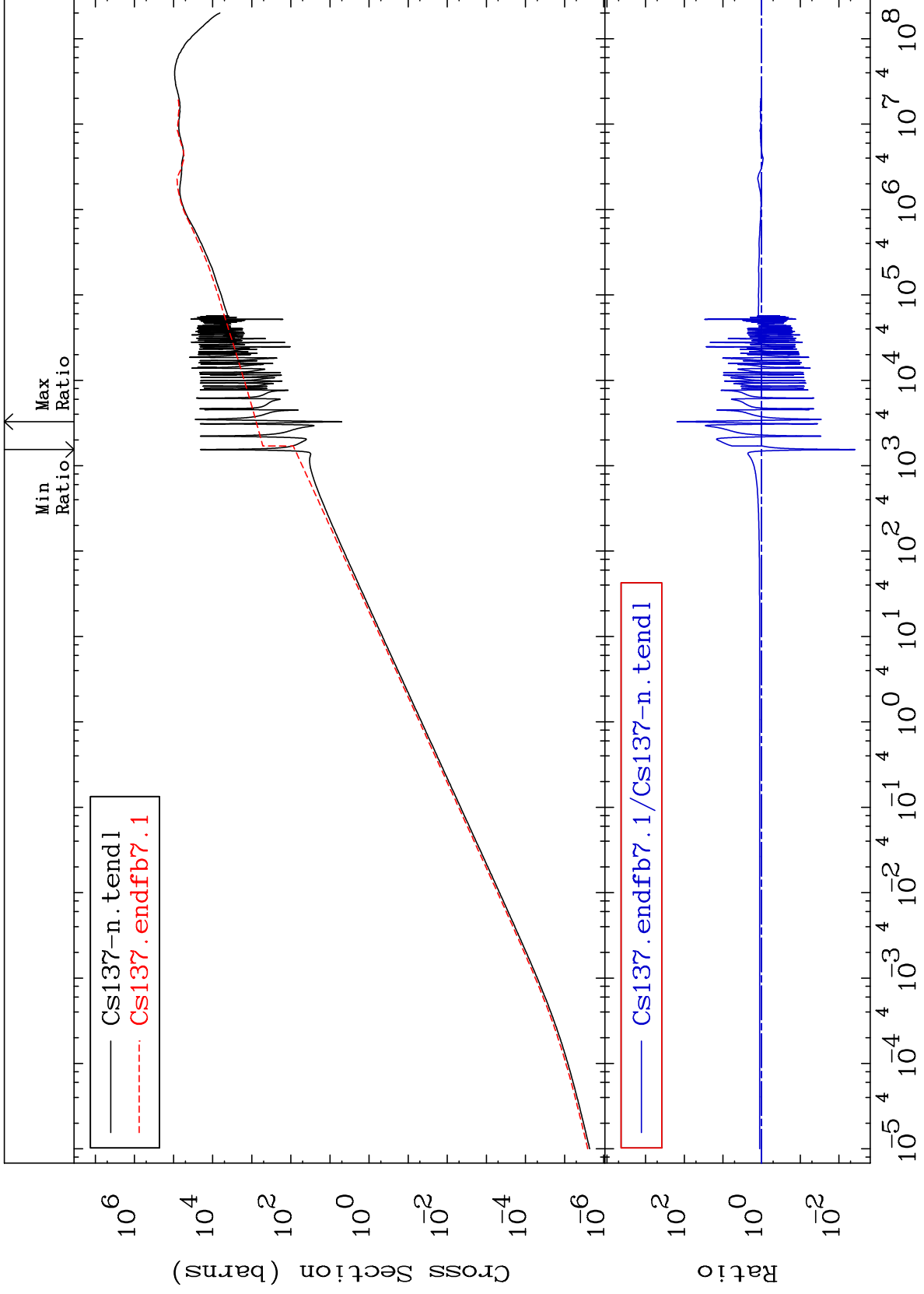
55-Cs-137  
-99.97 To 9999. %



MAT 5537

Kerma elastic  
Cross Section

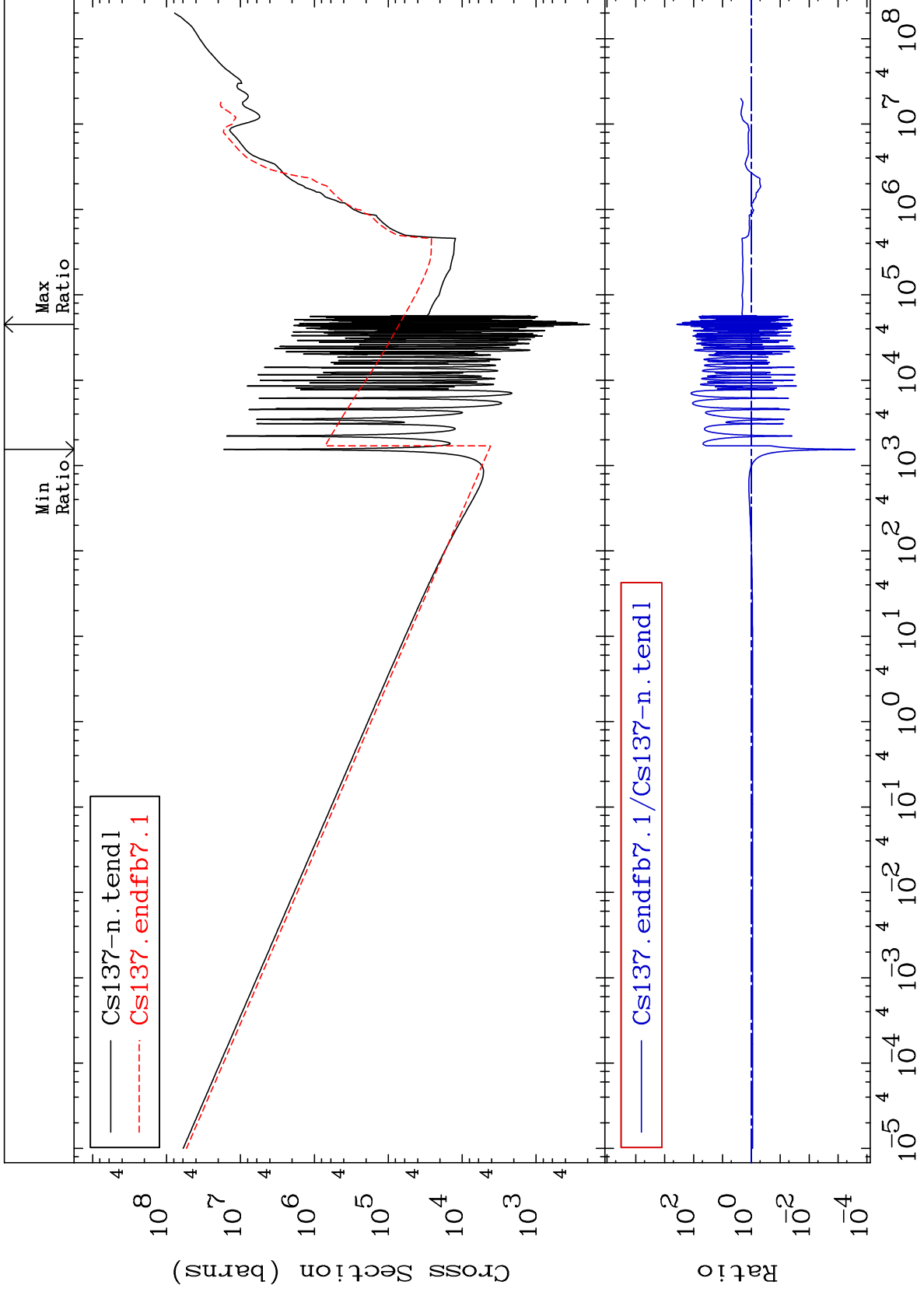
55-Cs-137  
-99.62 To 9999. %

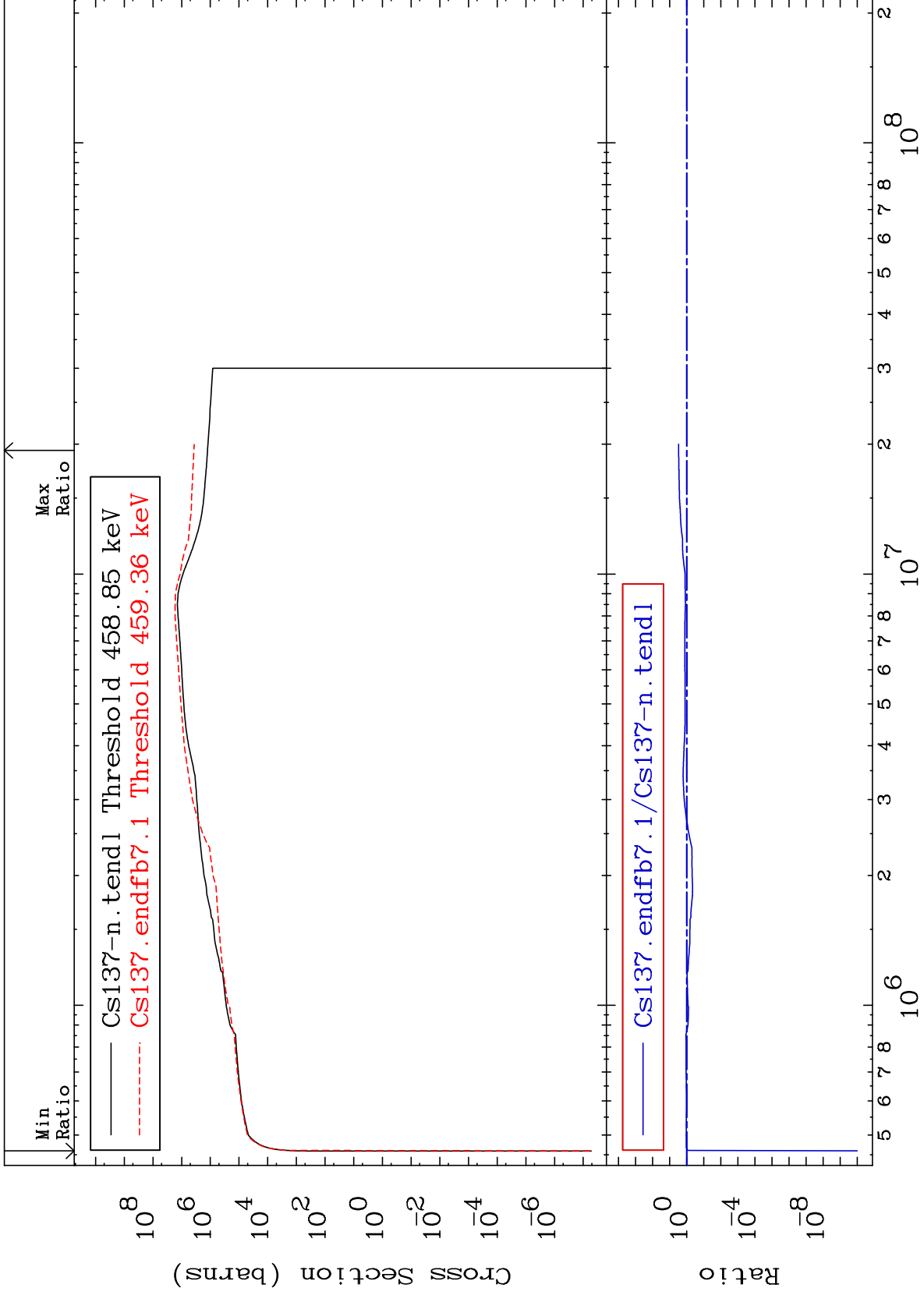


MAT 5537

Kerma non-elastic (all but mt2)  
Cross Section

55-Cs-137  
-99.97 To 9999. %

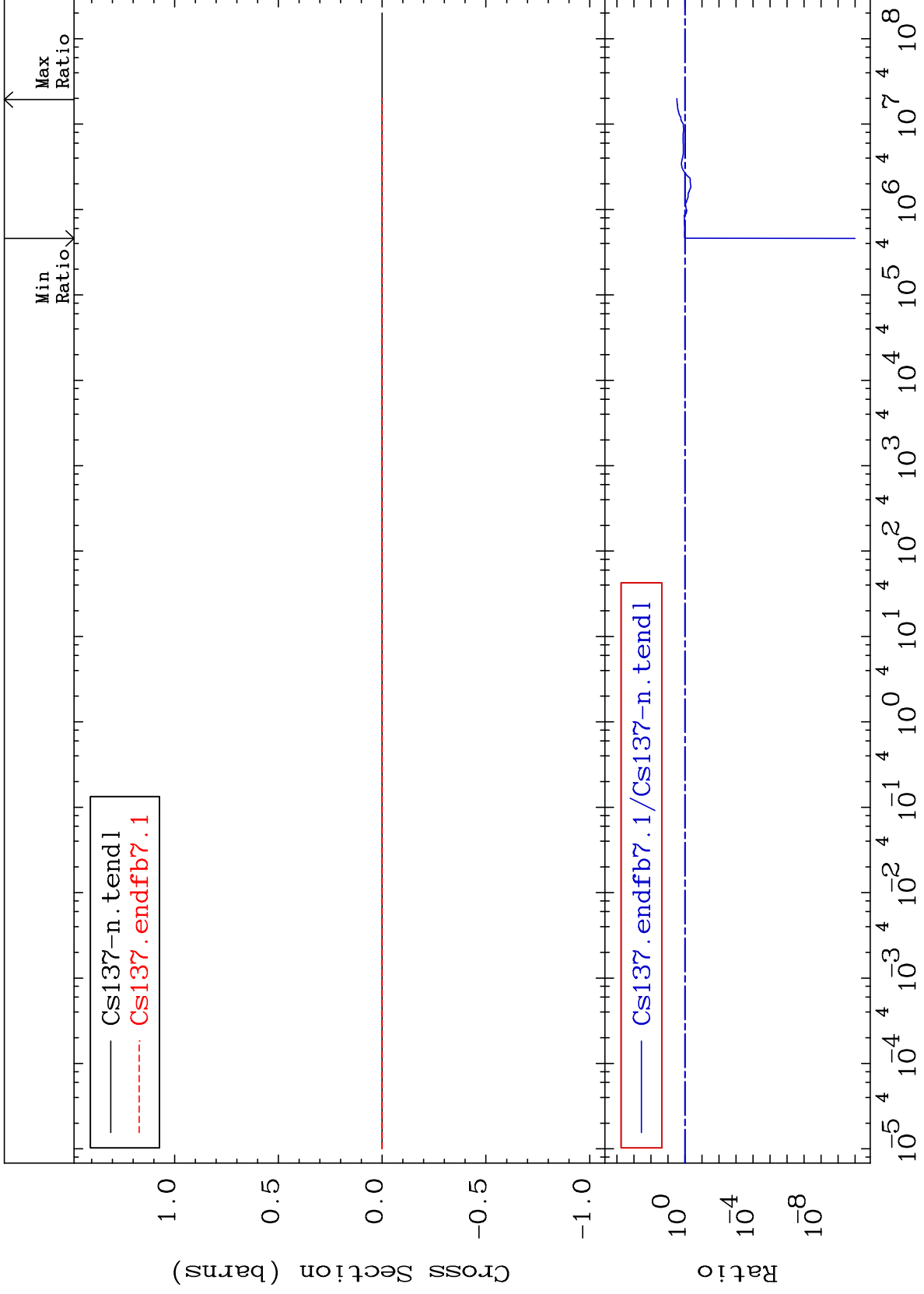




MAT 5537

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

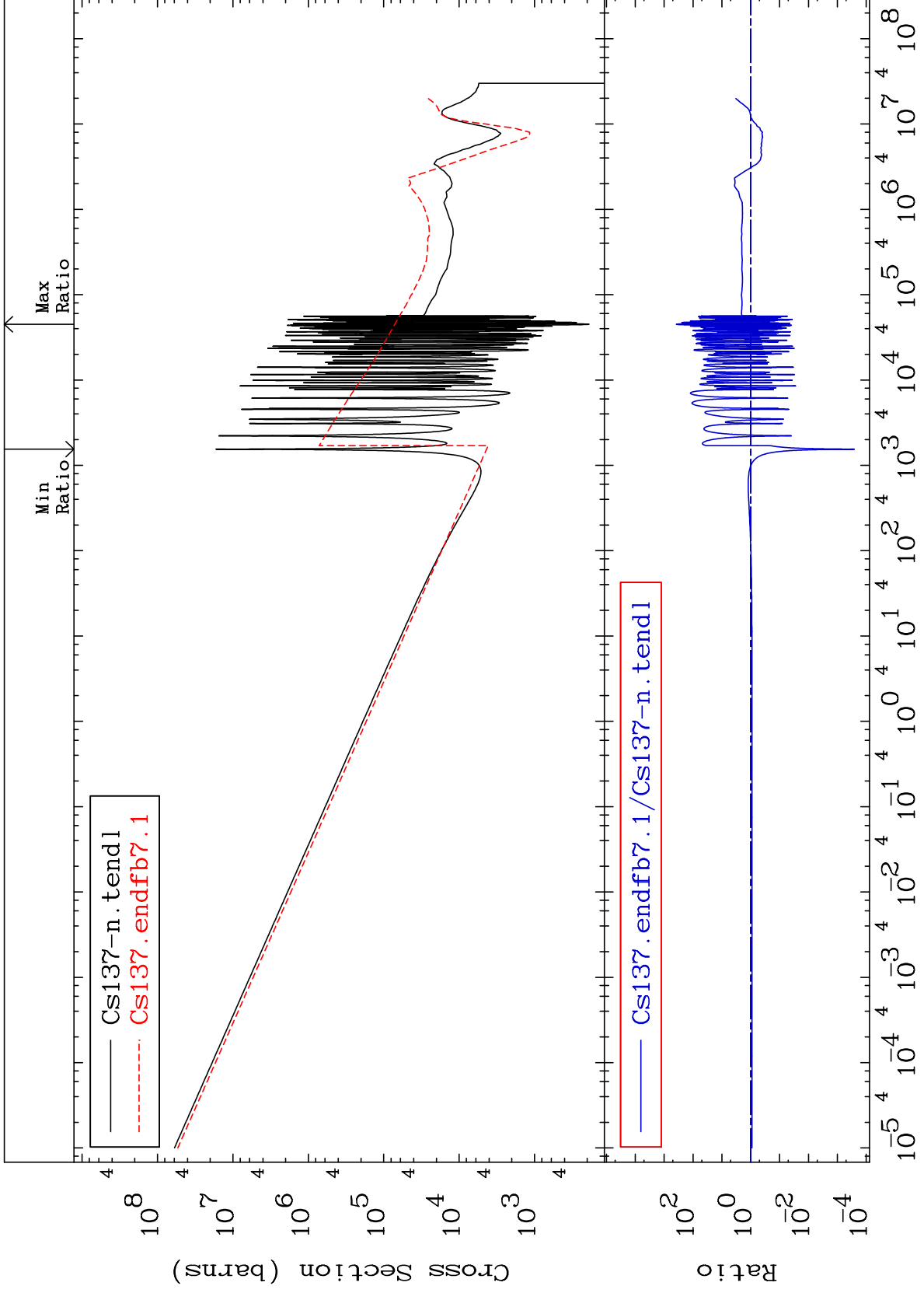
55-Cs-137  
-100.0 To 198.6 %



MAT 5537

Kerma capture (mt102)  
Cross Section

55-Cs-137  
-99.97 To 9999. %



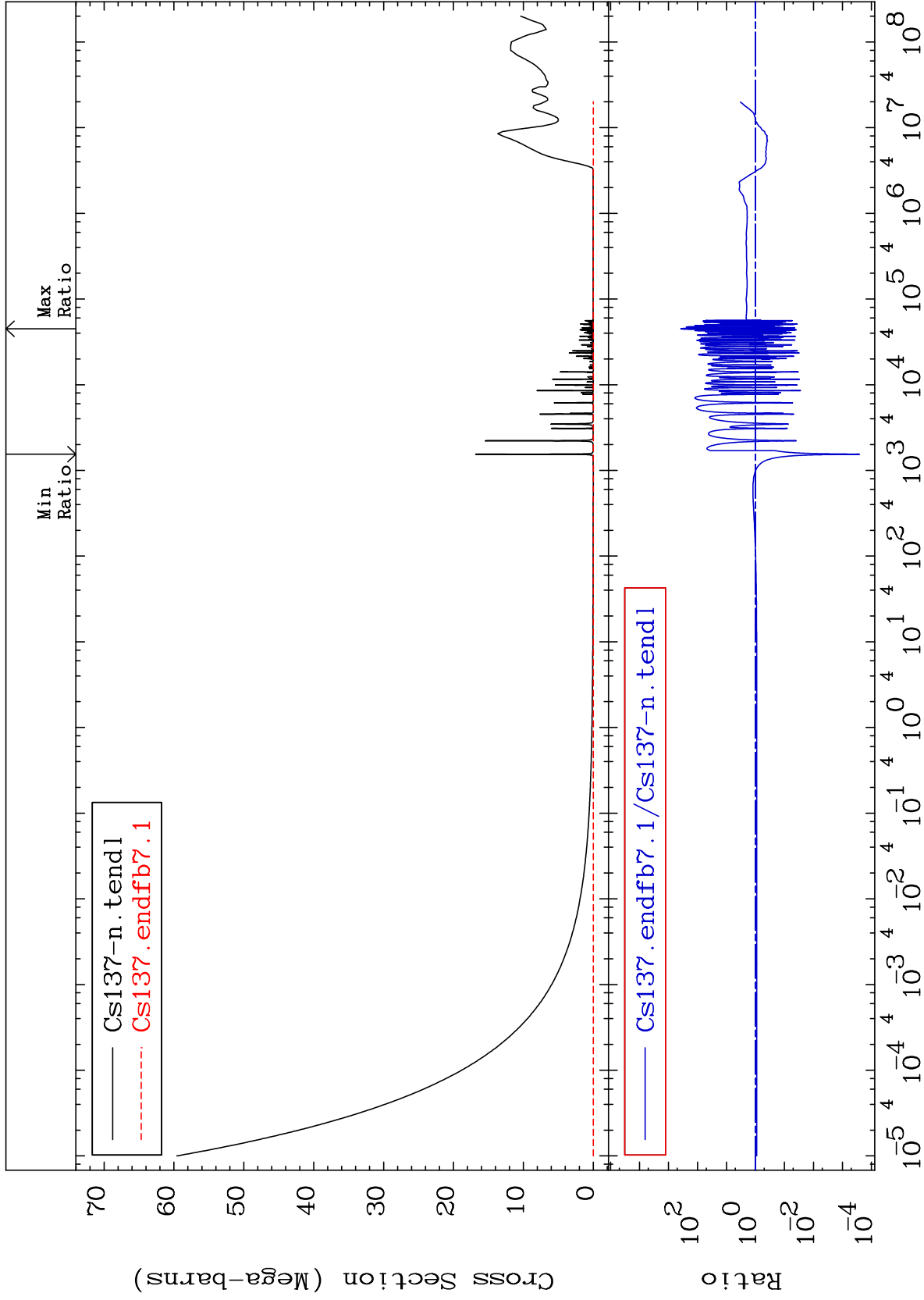


MAT 5537

Total photon (eV-barns)  
Cross Section

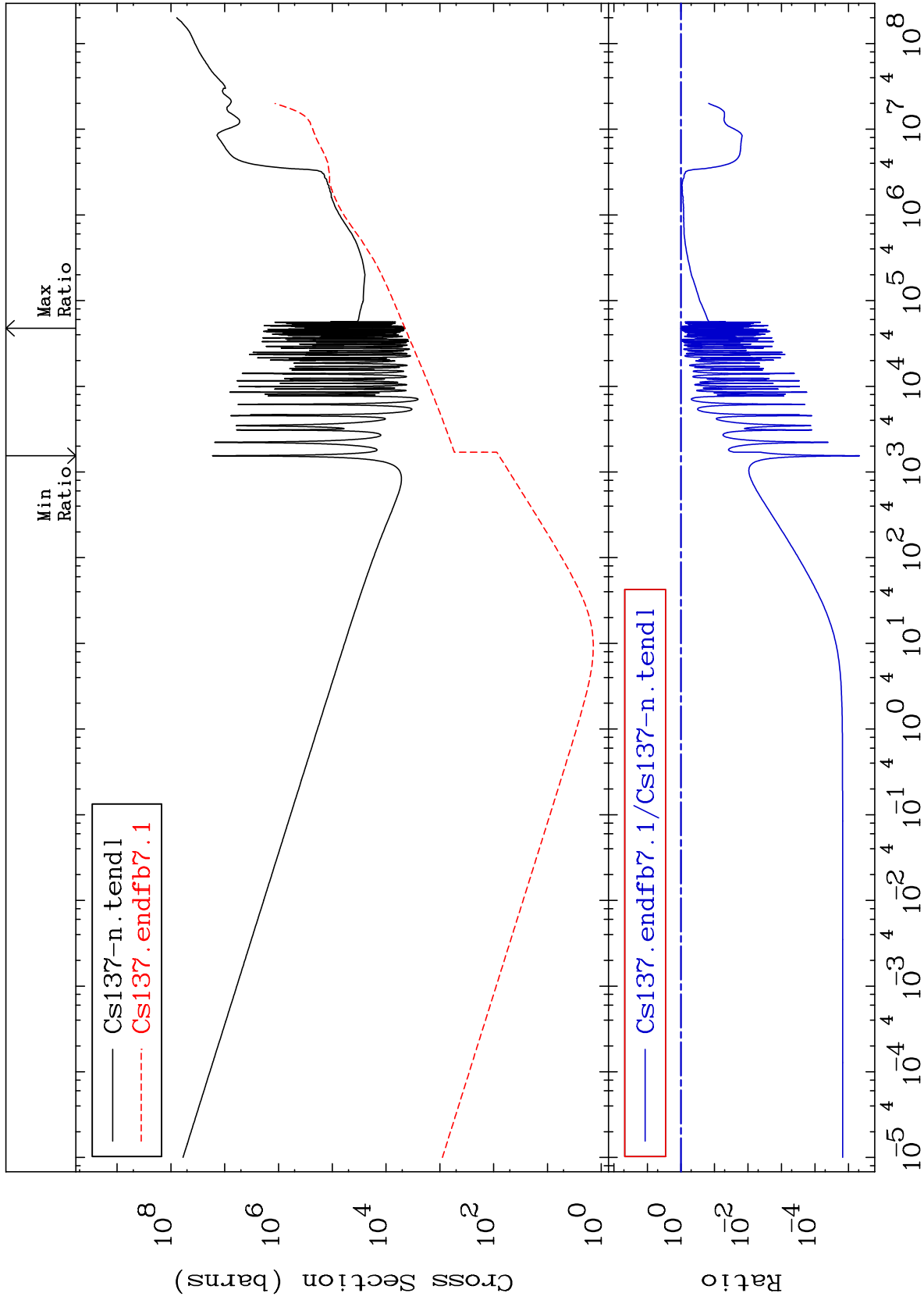
55-Cs-137

-99.97 To 9999. %



Cross Section

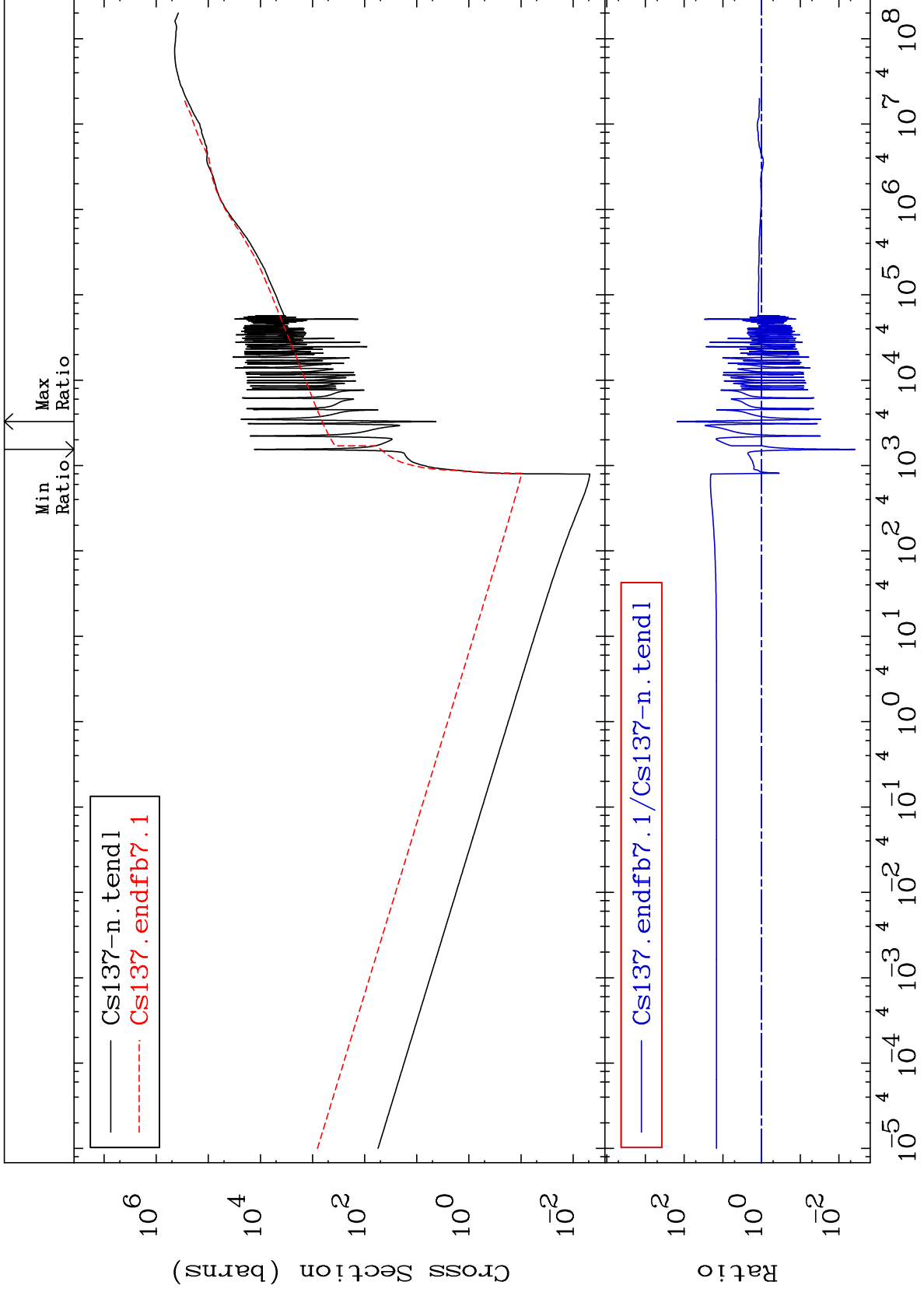
-100.0 To 1.233 %



MAT 5537

Dpa total (eV-barns)  
Cross Section

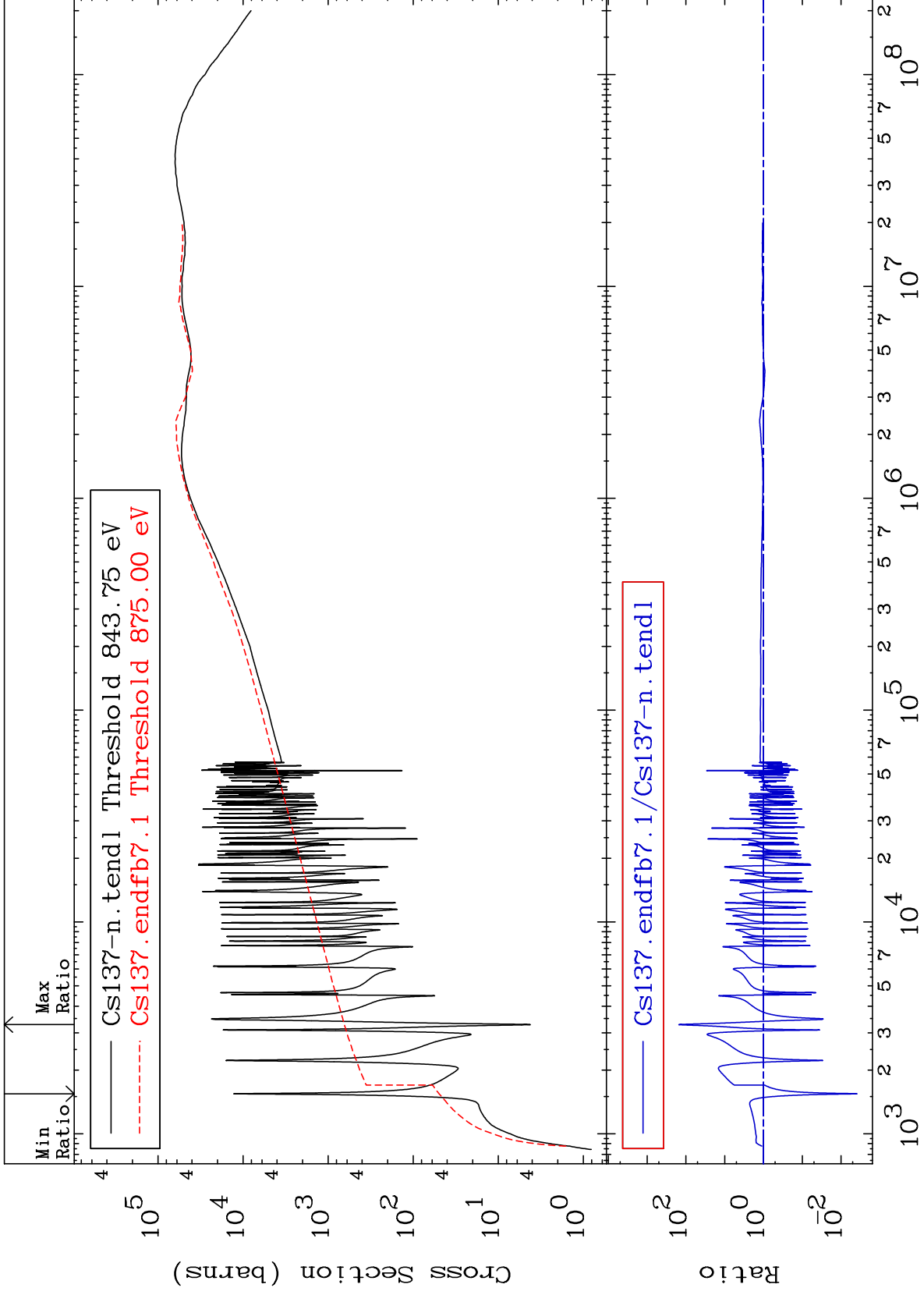
55-Cs-137  
-99.62 To 9999. %



MAT 5537

Dpa elastic (mt2)  
Cross Section

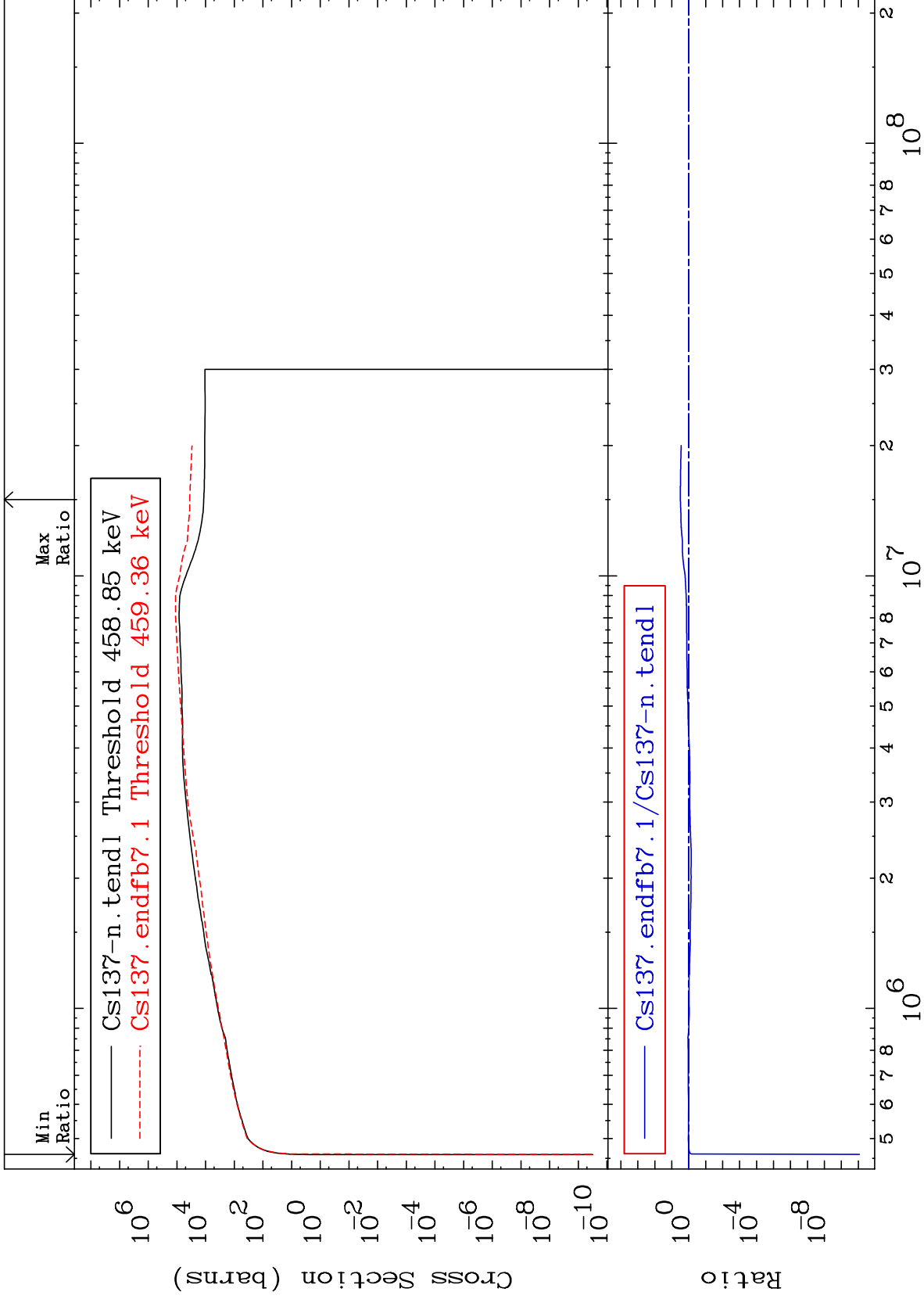
55-Cs-137  
-99.62 To 9999. %



36

Incident Energy (eV)

55-Cs-137



MAT 5537

Dpa disappearance (mt102 -120)  
Cross Section

55-Cs-137  
-99.52 To 9999. %

