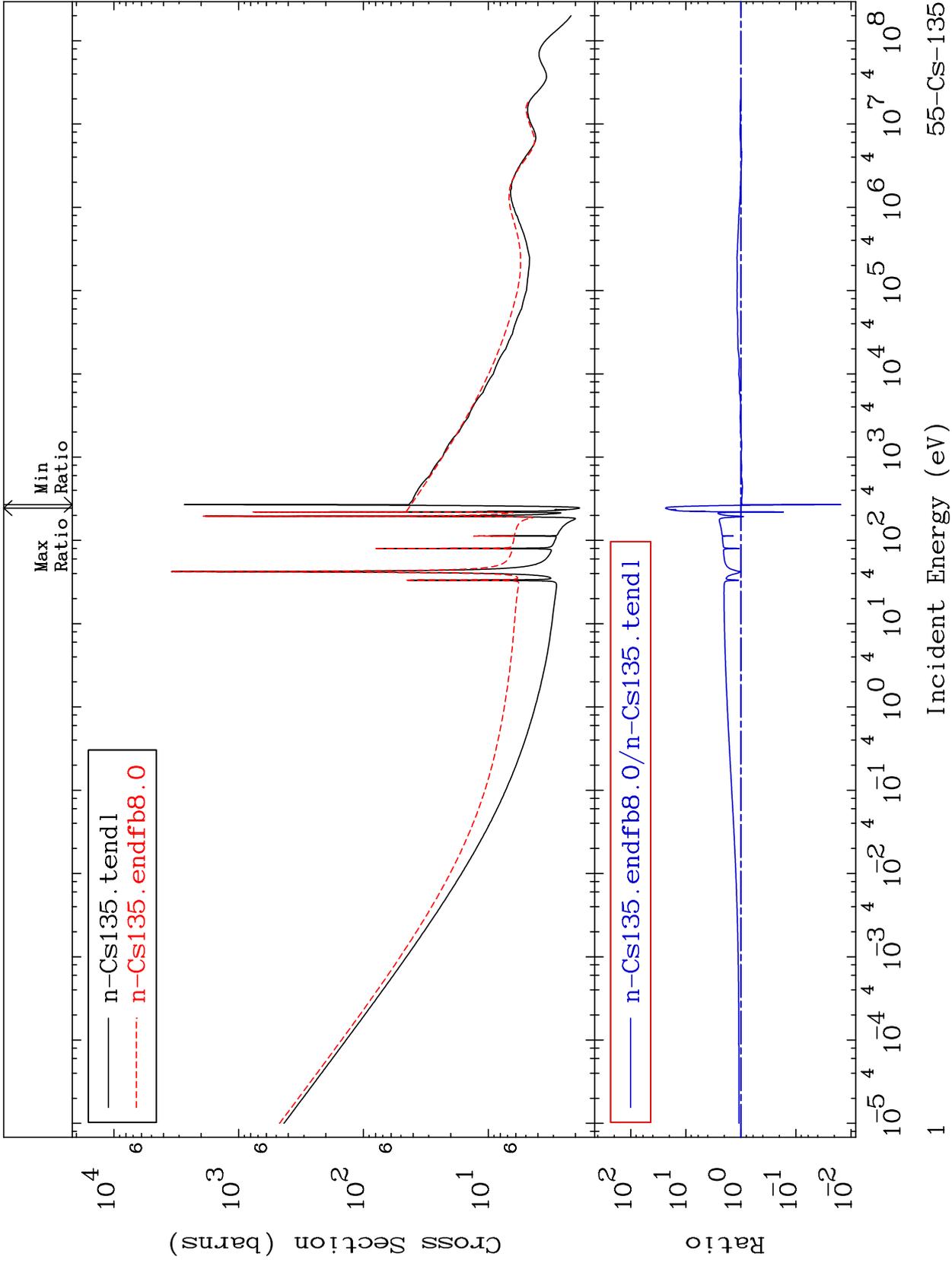


MAT 5531

Total Cross Section  
55-Cs-135  
-98.47 To 2243. %

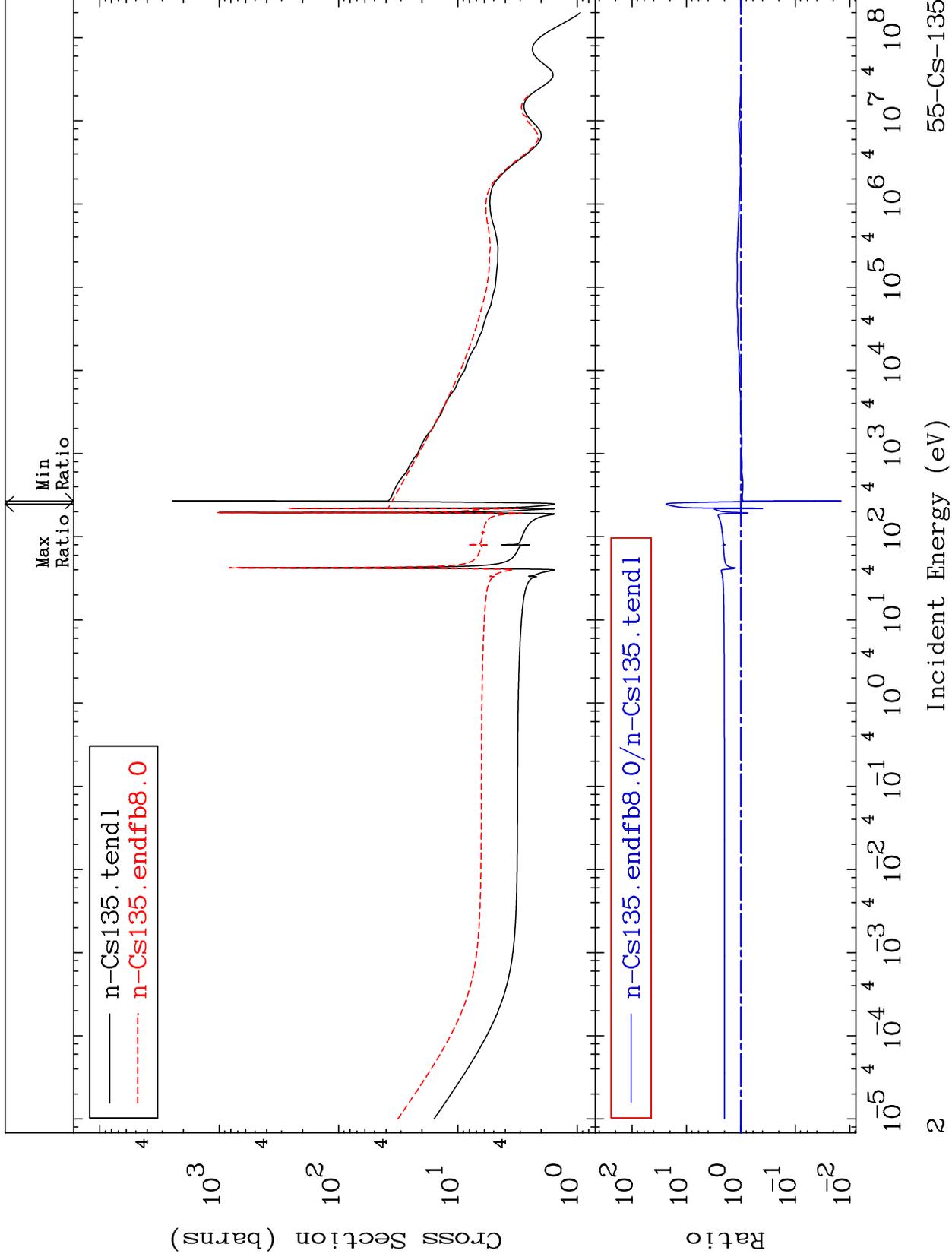


55-Cs-135

MAT 5531

Elastic  
Cross Section

55-Cs-135  
-98.56 To 2279. %

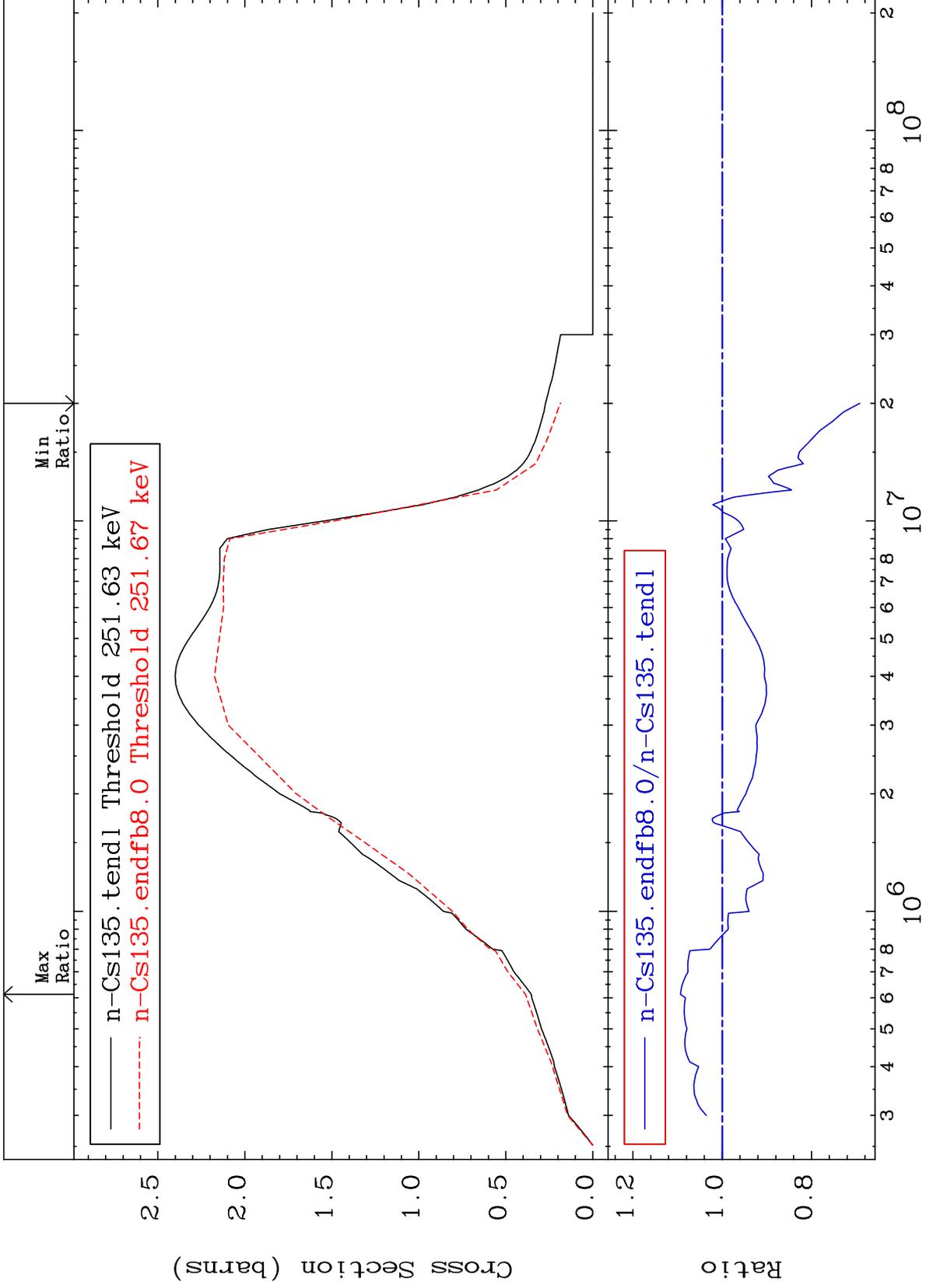


55-Cs-135

MAT 5531

Inelastic  
Cross Section

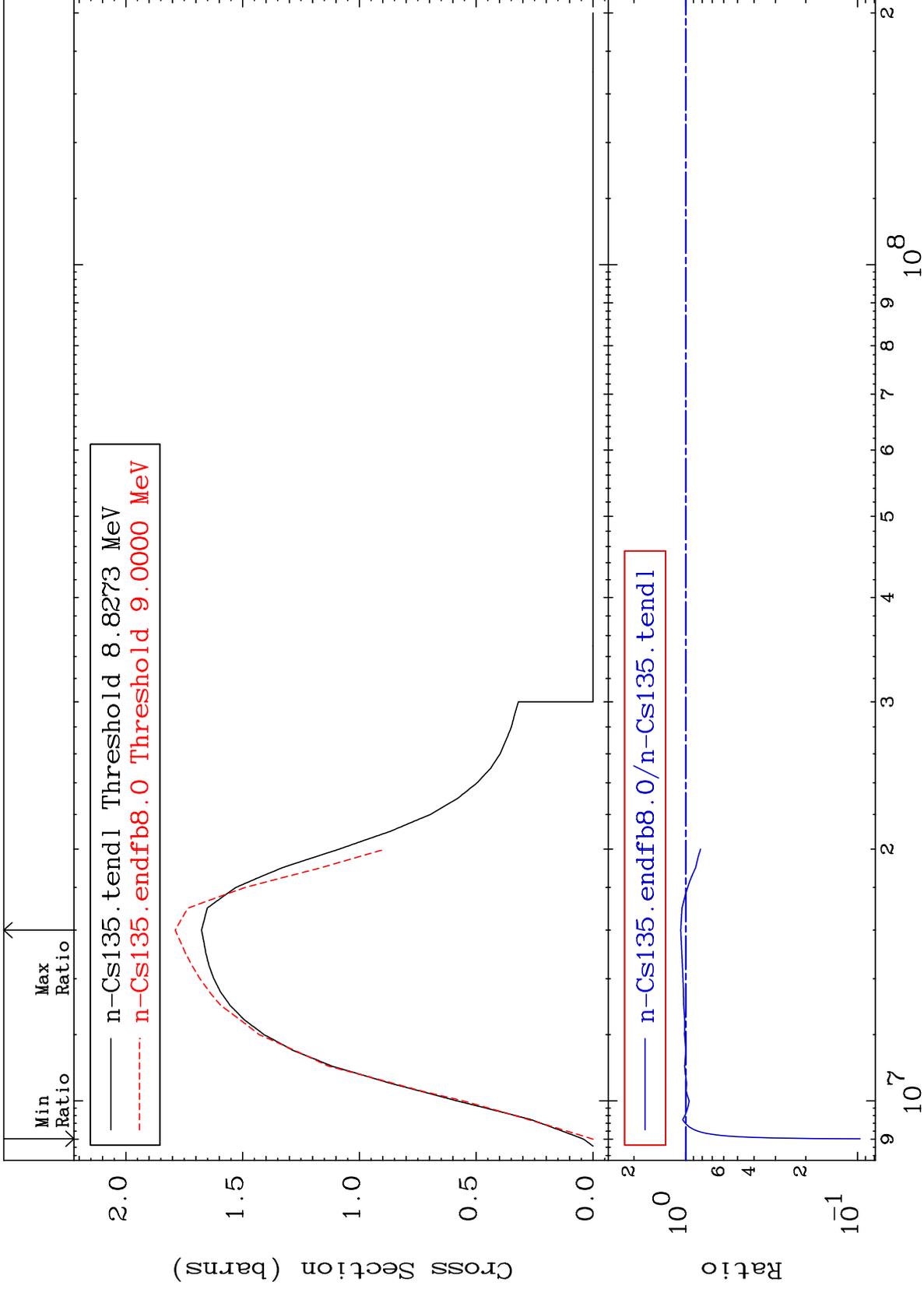
55-Cs-135  
-30.81 To 9.337 %



MAT 5531

(n,2n)  
Cross Section

55-Cs-135  
-90.32 To 6.746 %



55-Cs-135

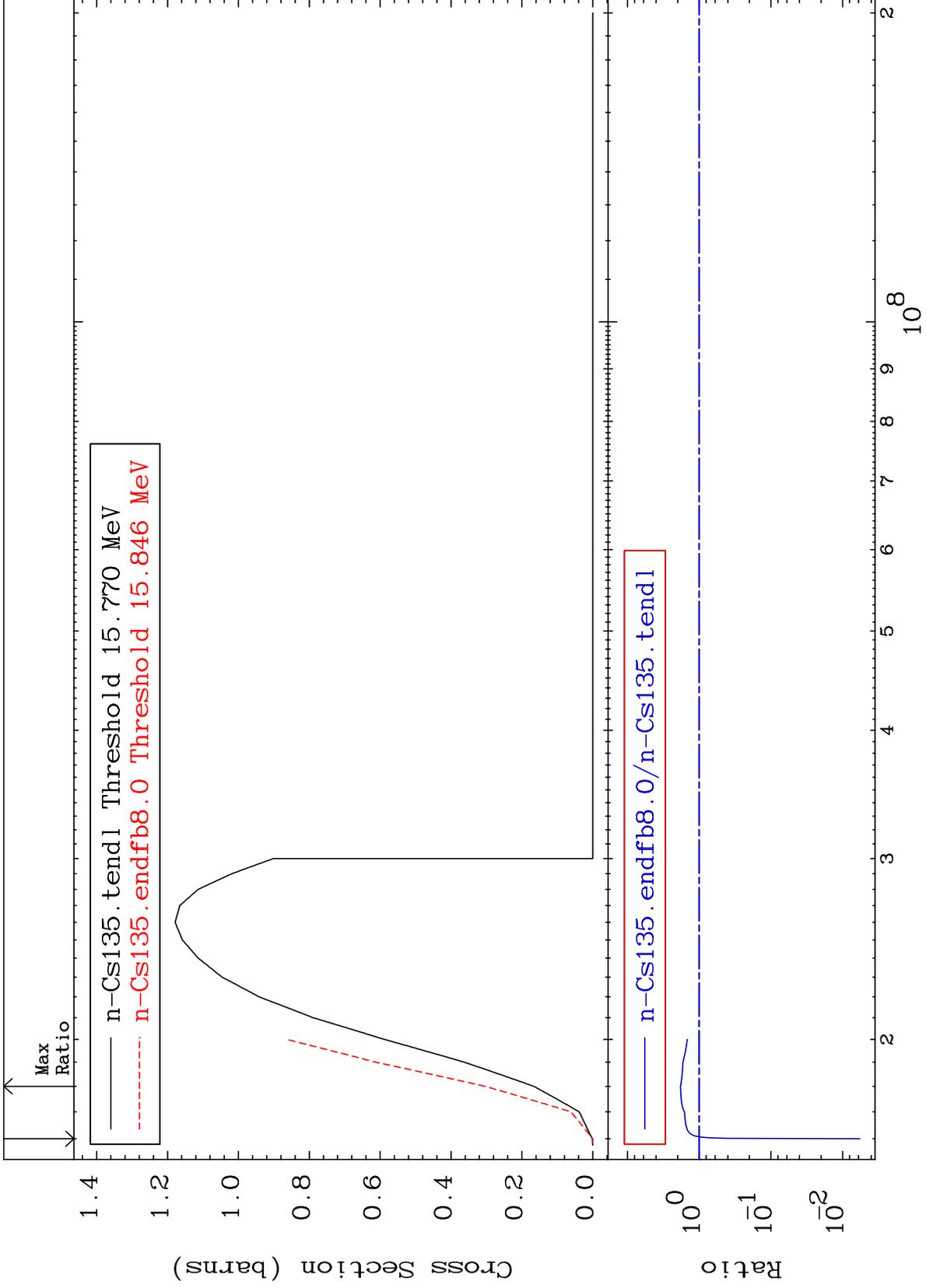
Incident Energy (eV)

4

MAT 5531

(n,3n)  
Cross Section

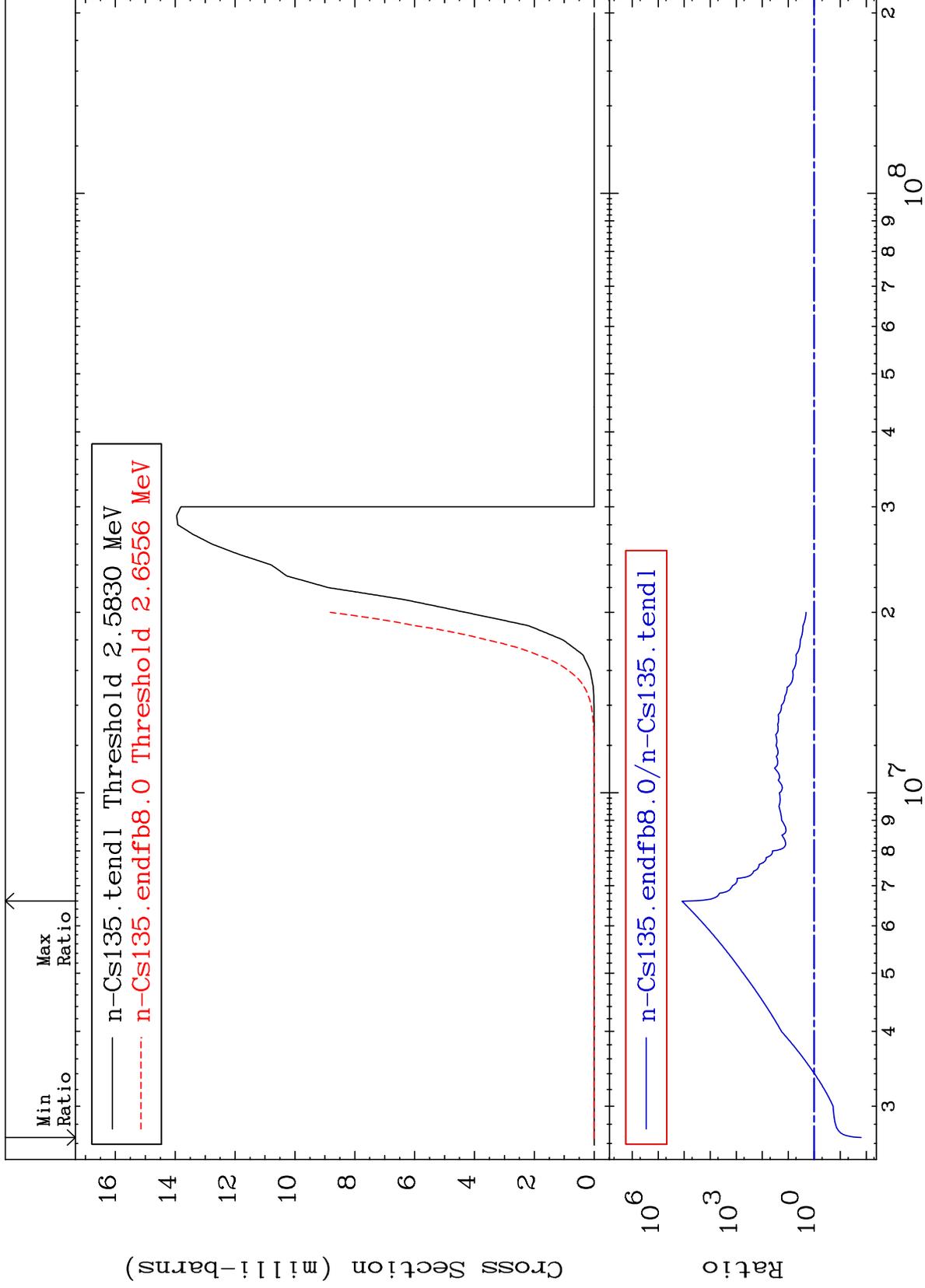
55-Cs-135  
-99.42 To 82.47 %



MAT 5531

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

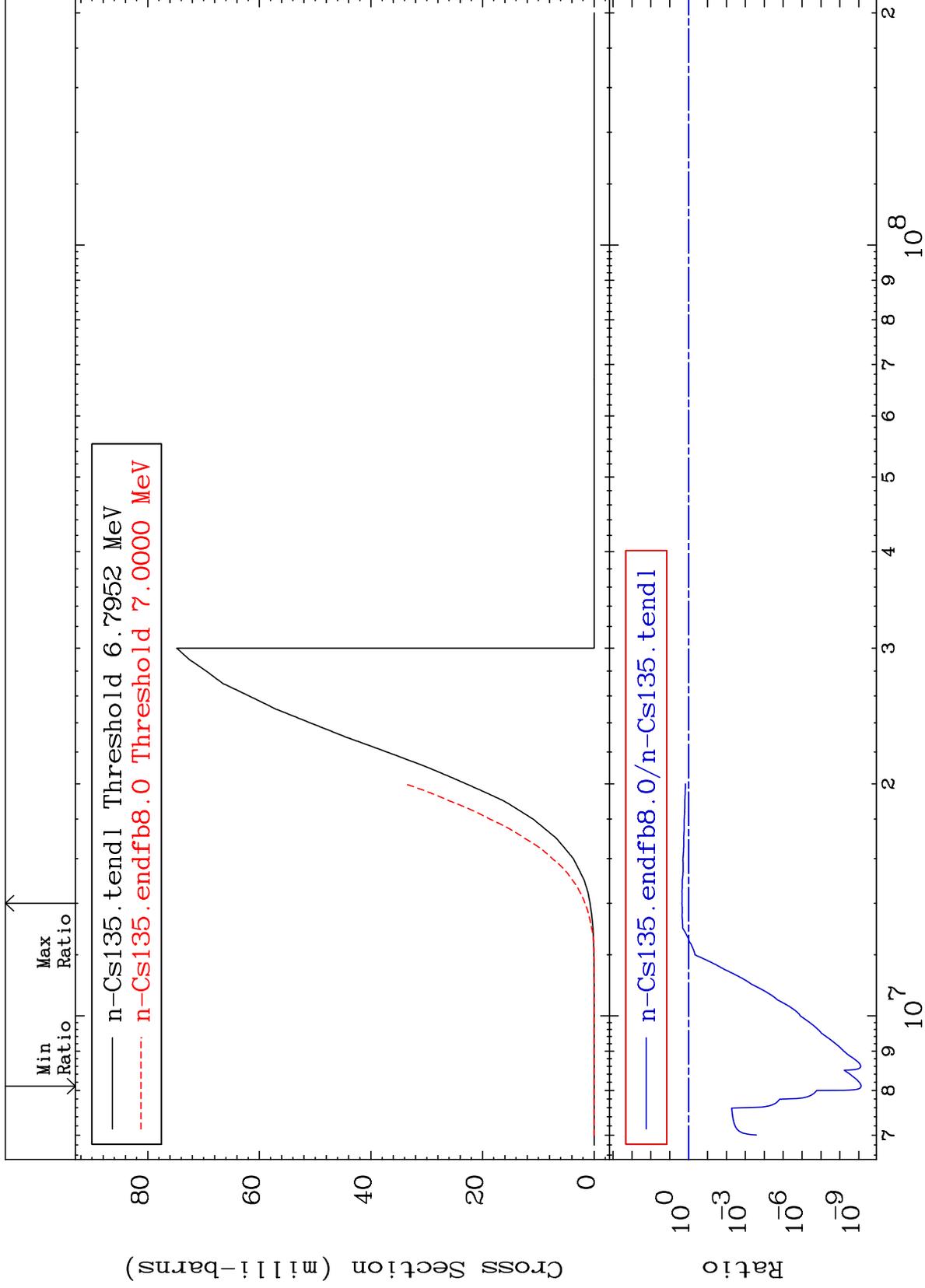
55-Cs-135  
-98.43 To 9999. %



MAT 5531

(n,n') p  
Cross Section

55-Cs-135  
-100.0 To 126.5 %



7

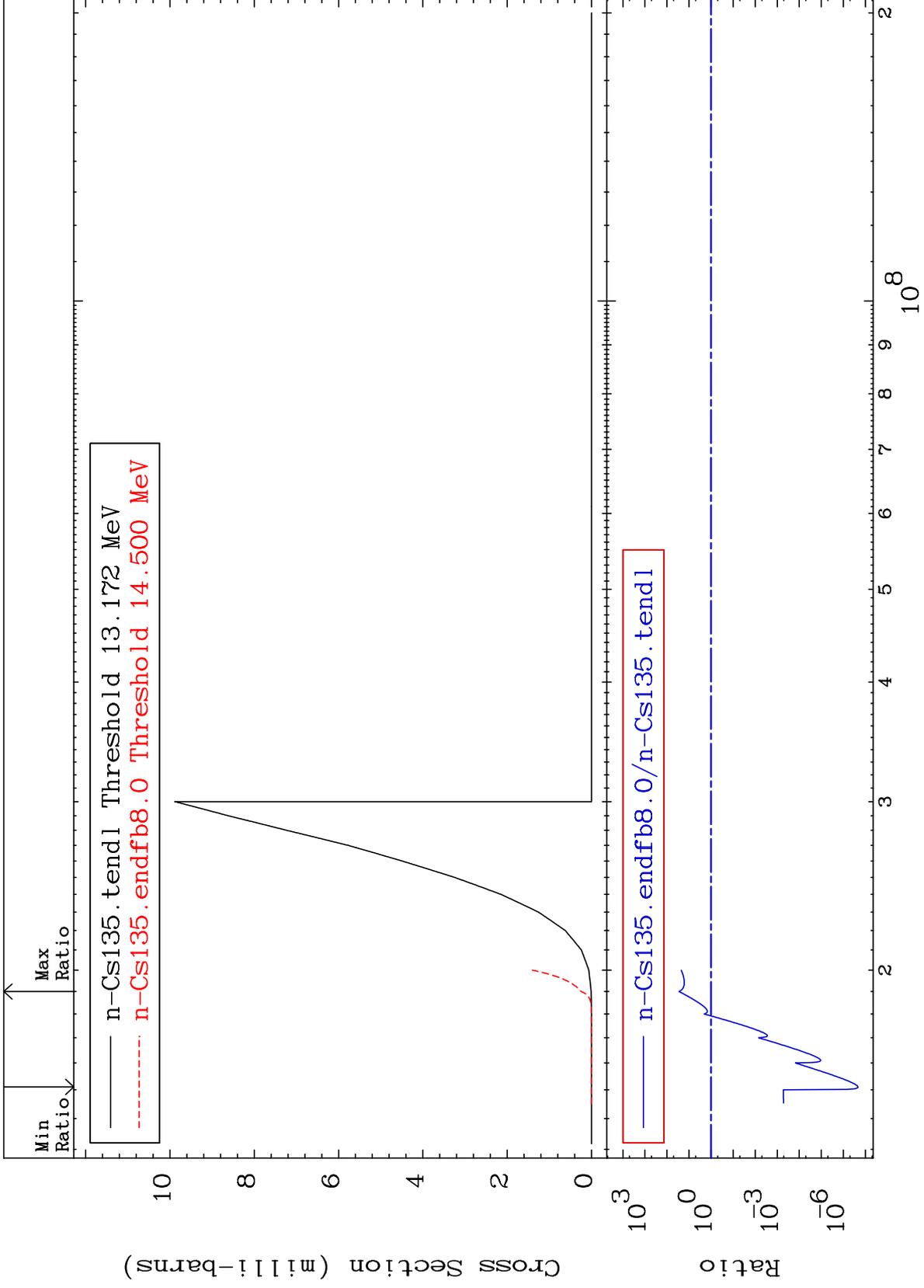
Incident Energy (eV)

55-Cs-135

MAT 5531

(n,n') d  
Cross Section

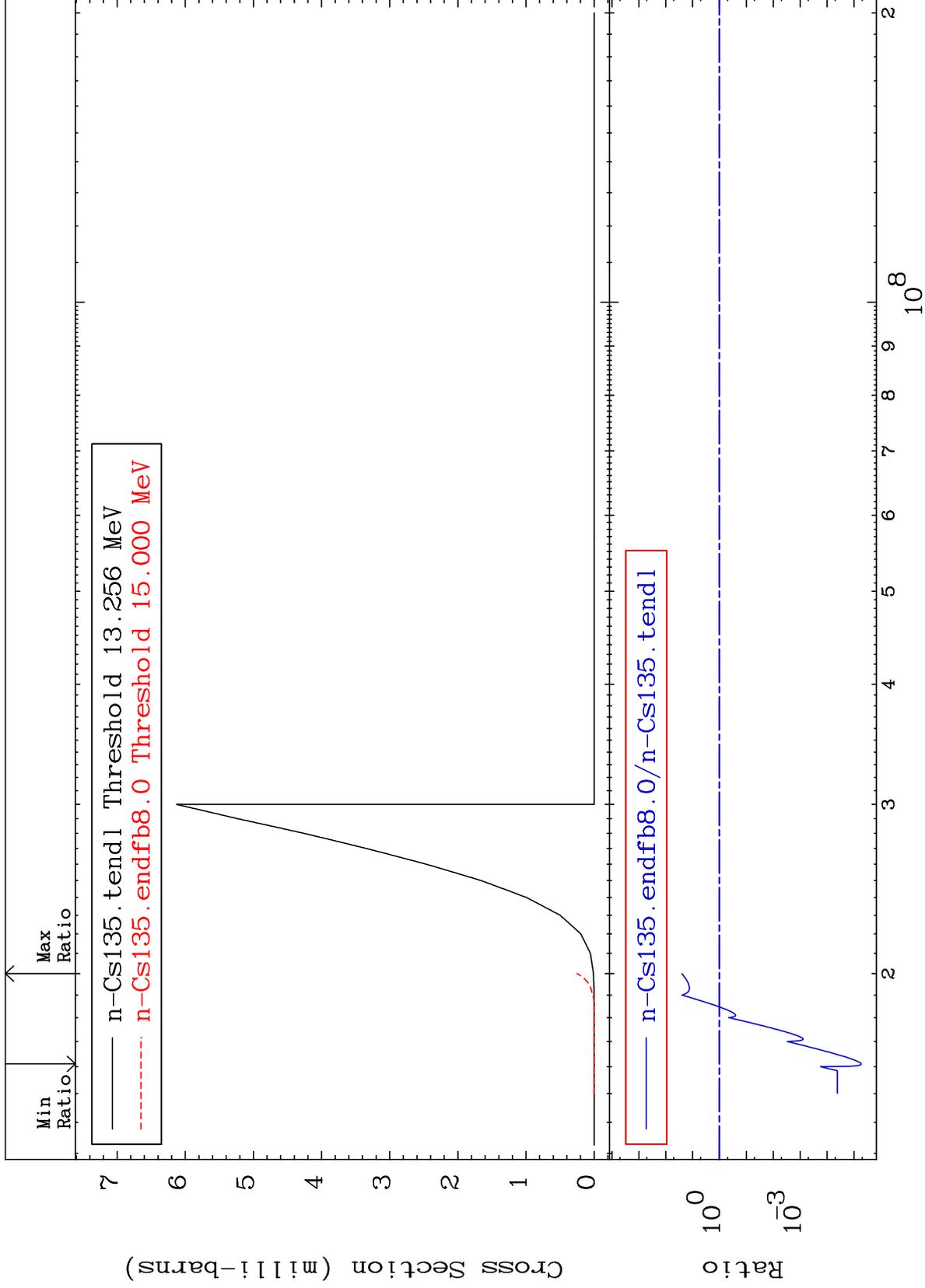
55-Cs-135  
-100.0 To 2733. %



MAT 5531

(n,n') t  
Cross Section

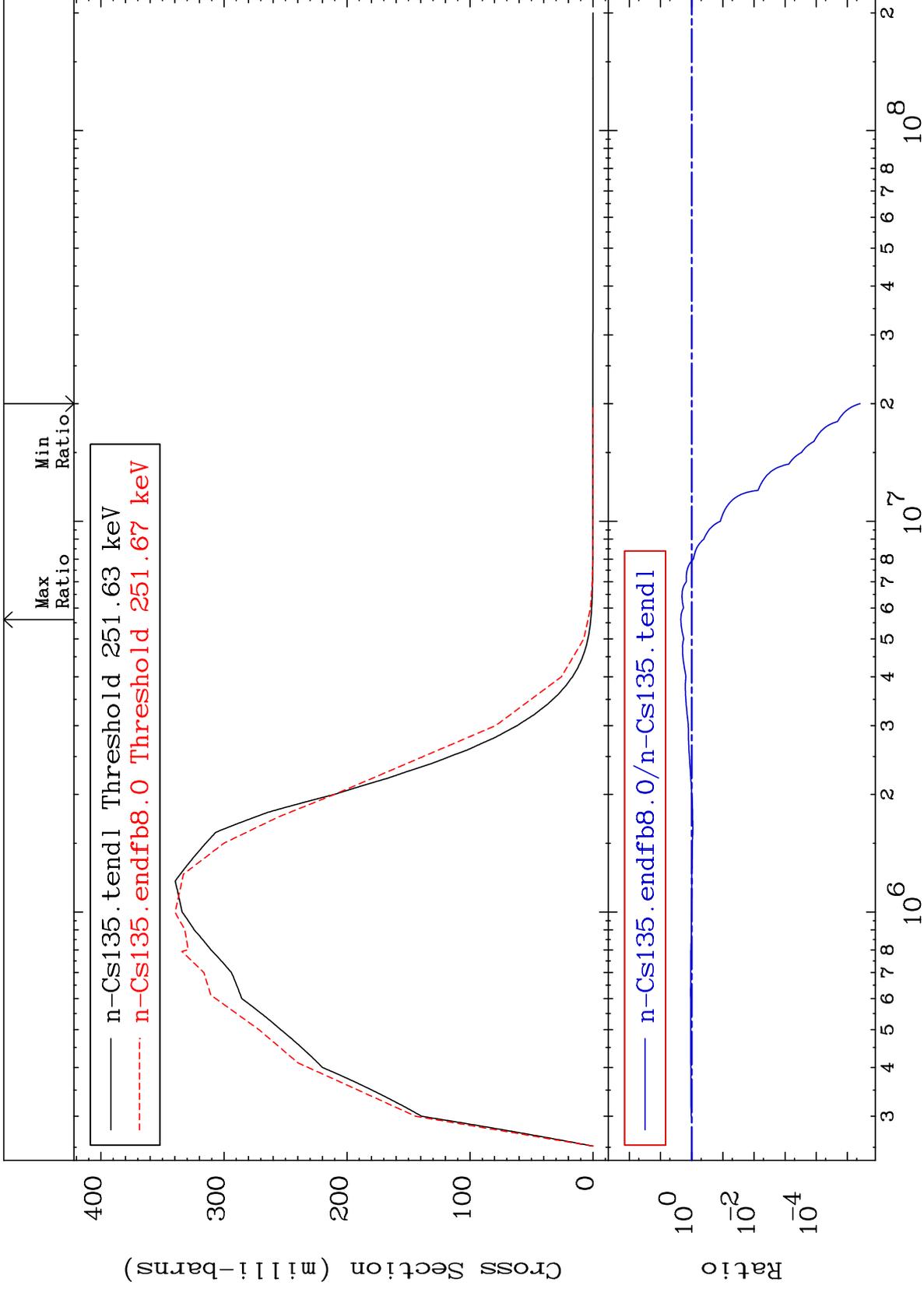
55-Cs-135  
-100.0 To 2398. %



MAT 5531

MT= 51 (n,n') Level  
Cross Section

55-Cs-135  
-100.0 To 124.6 %



10

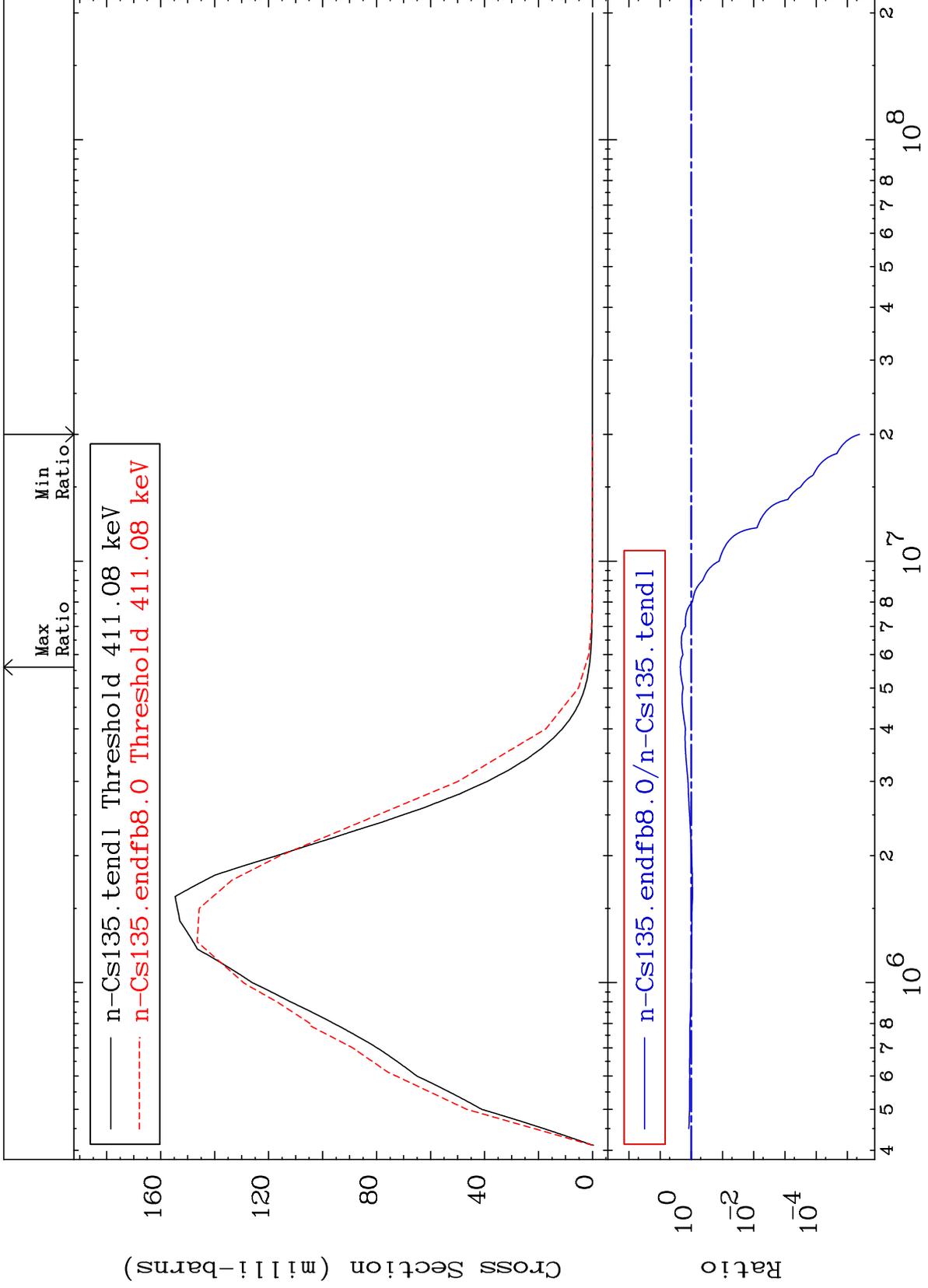
Incident Energy (eV)

55-Cs-135

MAT 5531

MT= 52 (n,n') Level  
Cross Section

55-Cs-135  
-100.0 To 125.8 %



11

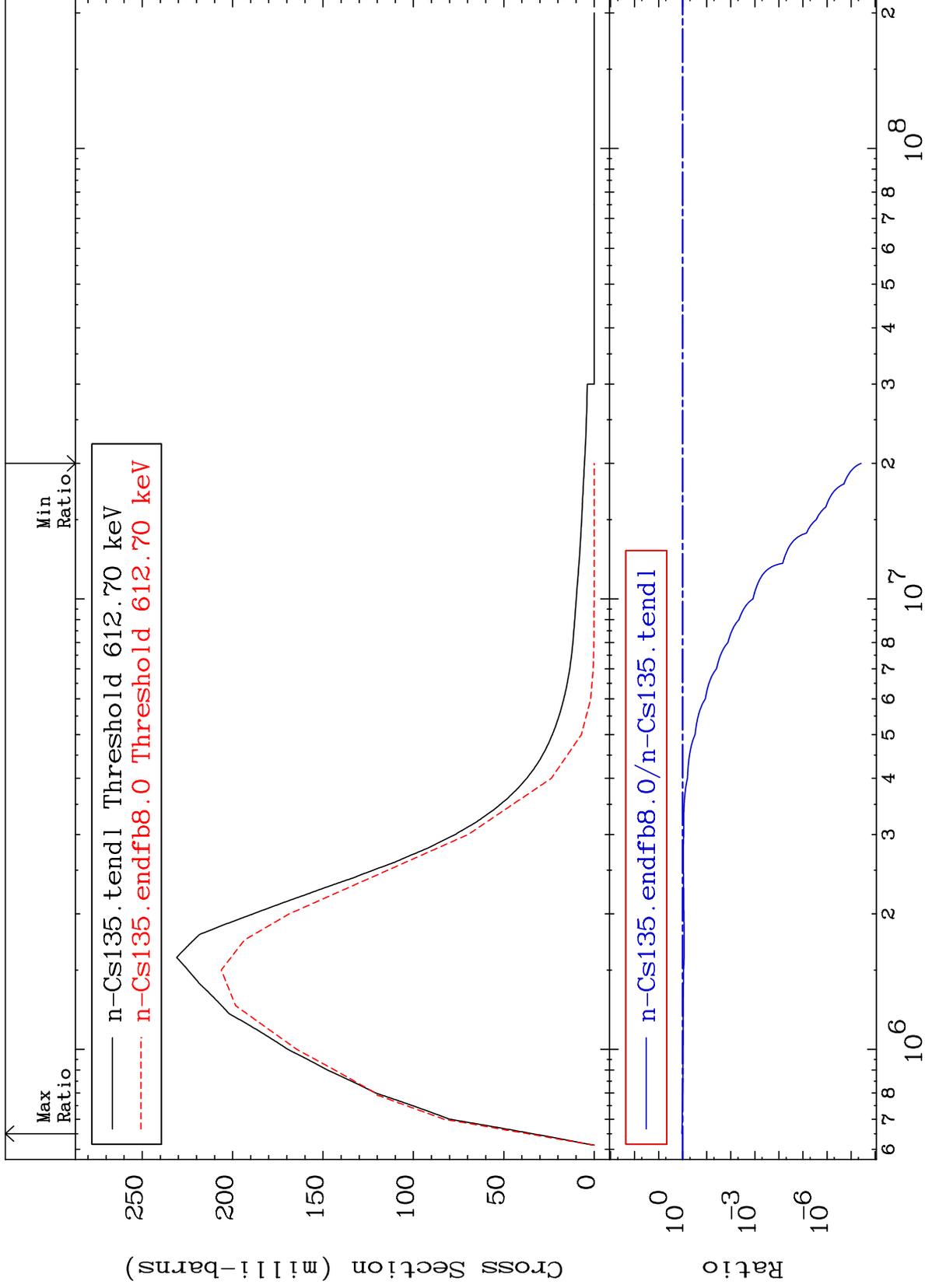
Incident Energy (eV)

55-Cs-135

MAT 5531

MT= 53 (n,n') Level  
Cross Section

55-Cs-135  
-100.0 To 7.777 %



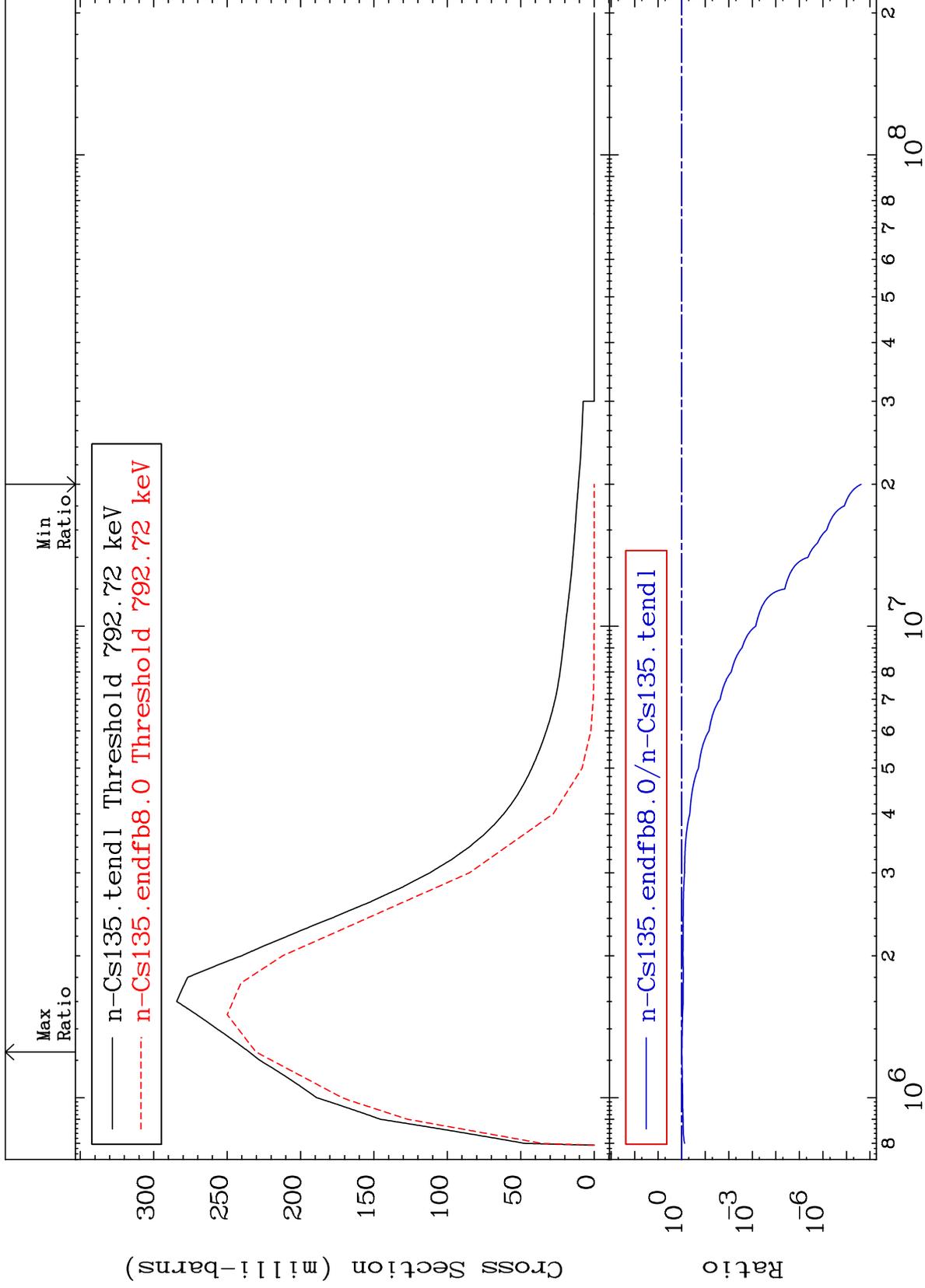
12

55-Cs-135

MAT 5531

MT= 54 (n, n') Level  
Cross Section

55-Cs-135  
-100.0 To -1.970%



13

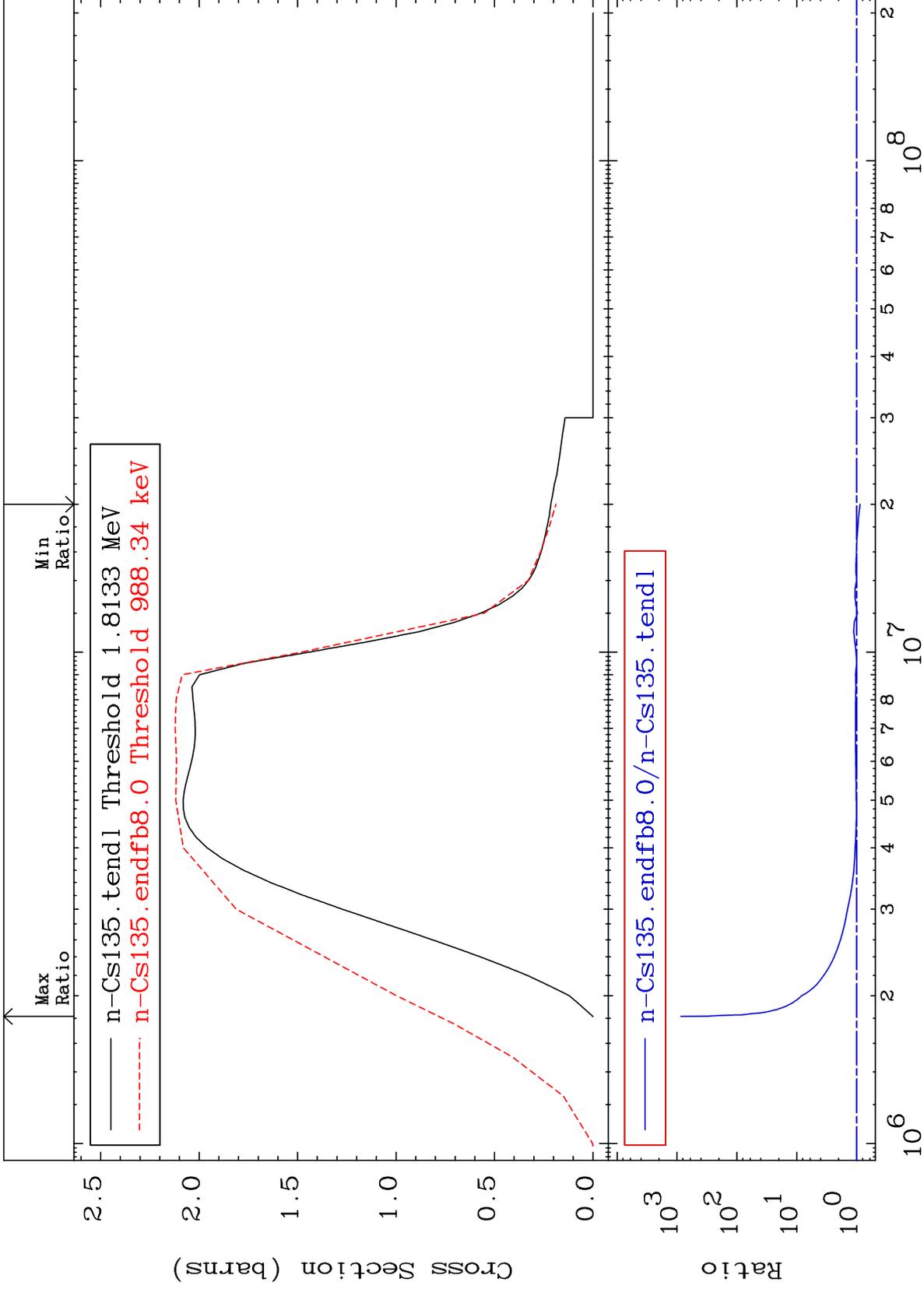
Incident Energy (eV)

55-Cs-135

MAT 5531

(n, n') Continuum  
Cross Section

55-Cs-135  
-12.27 To 9999. %



14

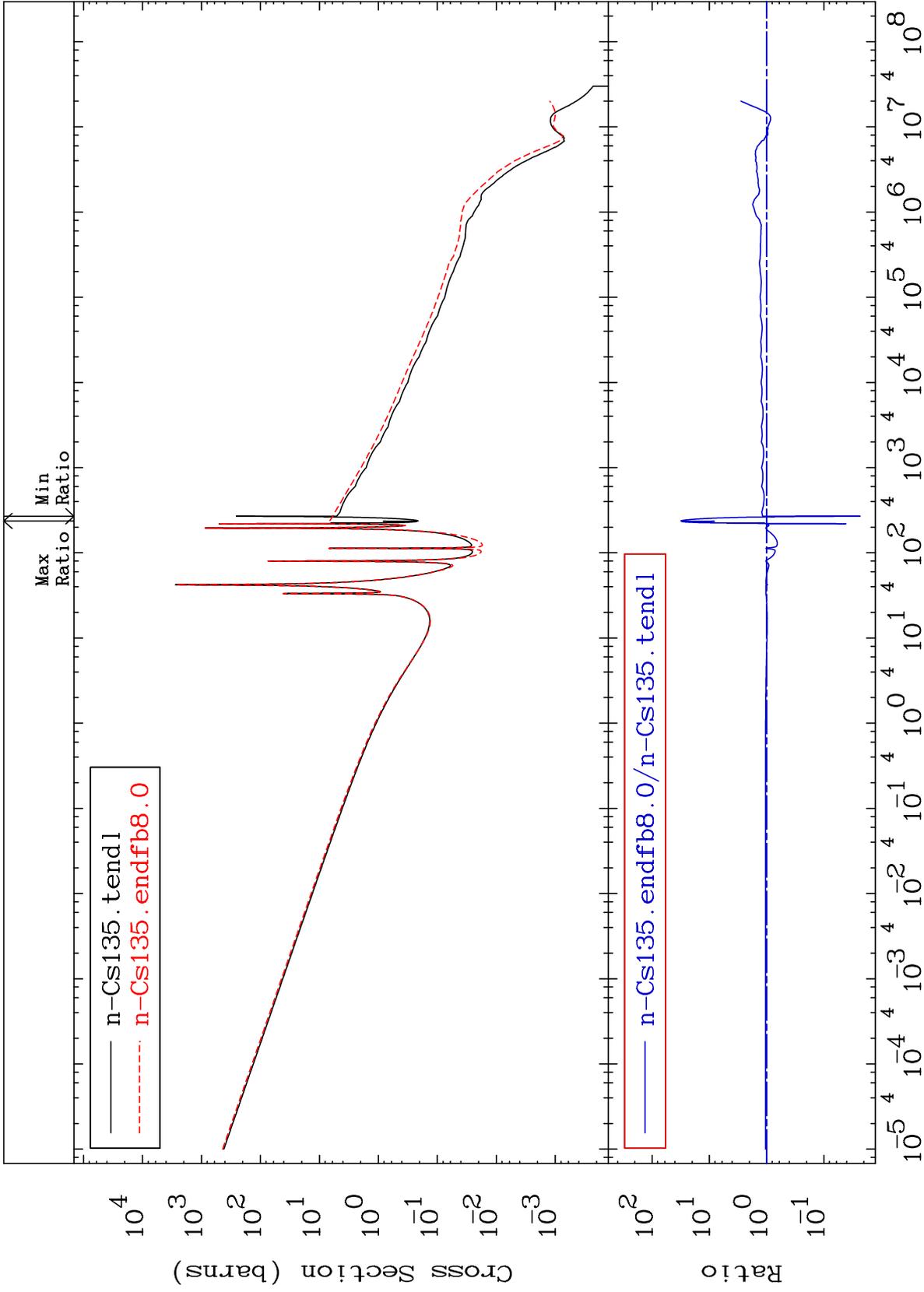
Incident Energy (eV)

55-Cs-135

MAT 5531

(n,  $\gamma$ )  
Cross Section

55-Cs-135  
-97.67 To 3057. %



15

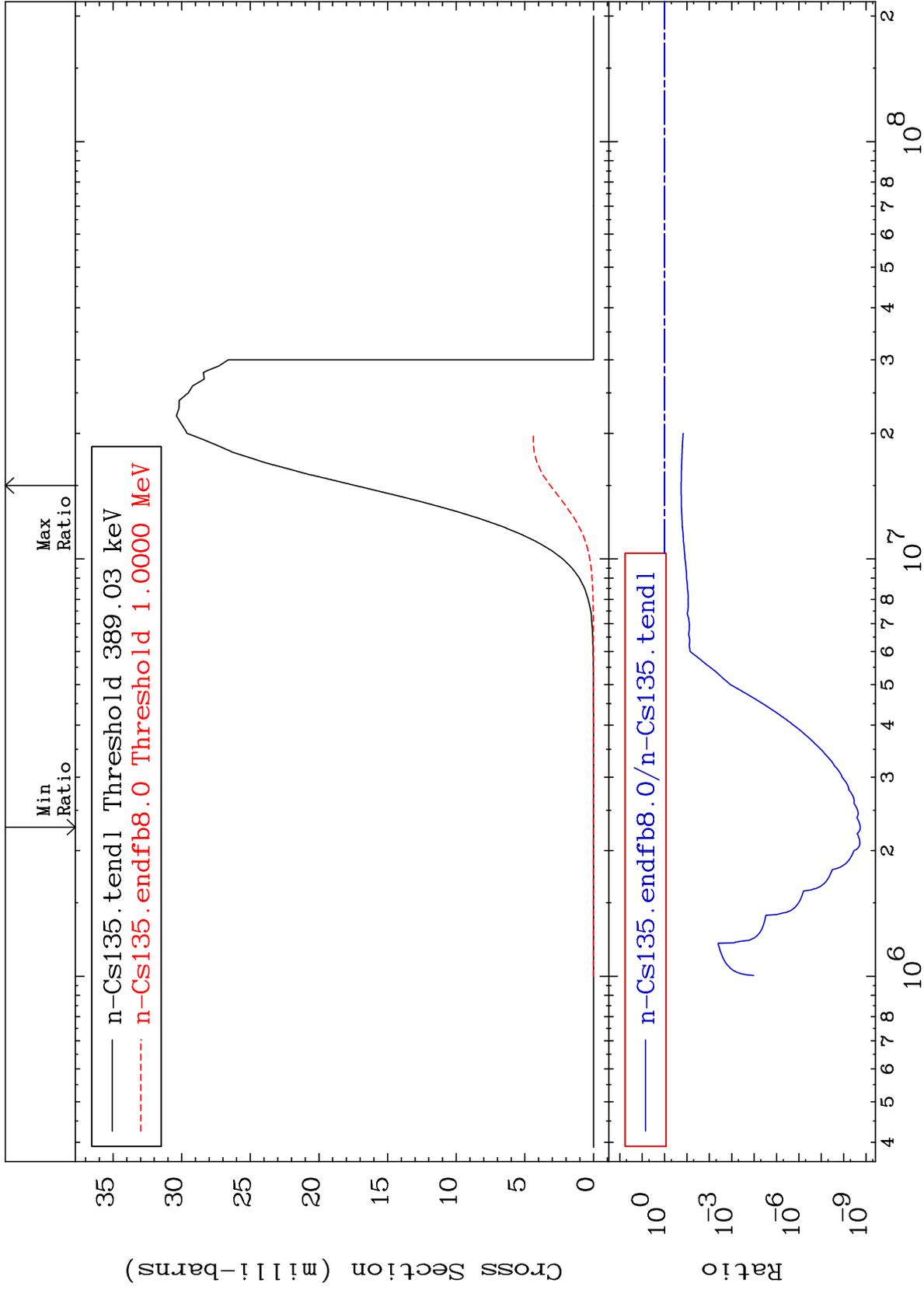
Incident Energy (eV)

55-Cs-135

MAT 5531

55-Cs-135

(n,p)  
Cross Section  
-100.0 To -81.87%



16

Incident Energy (eV)

55-Cs-135

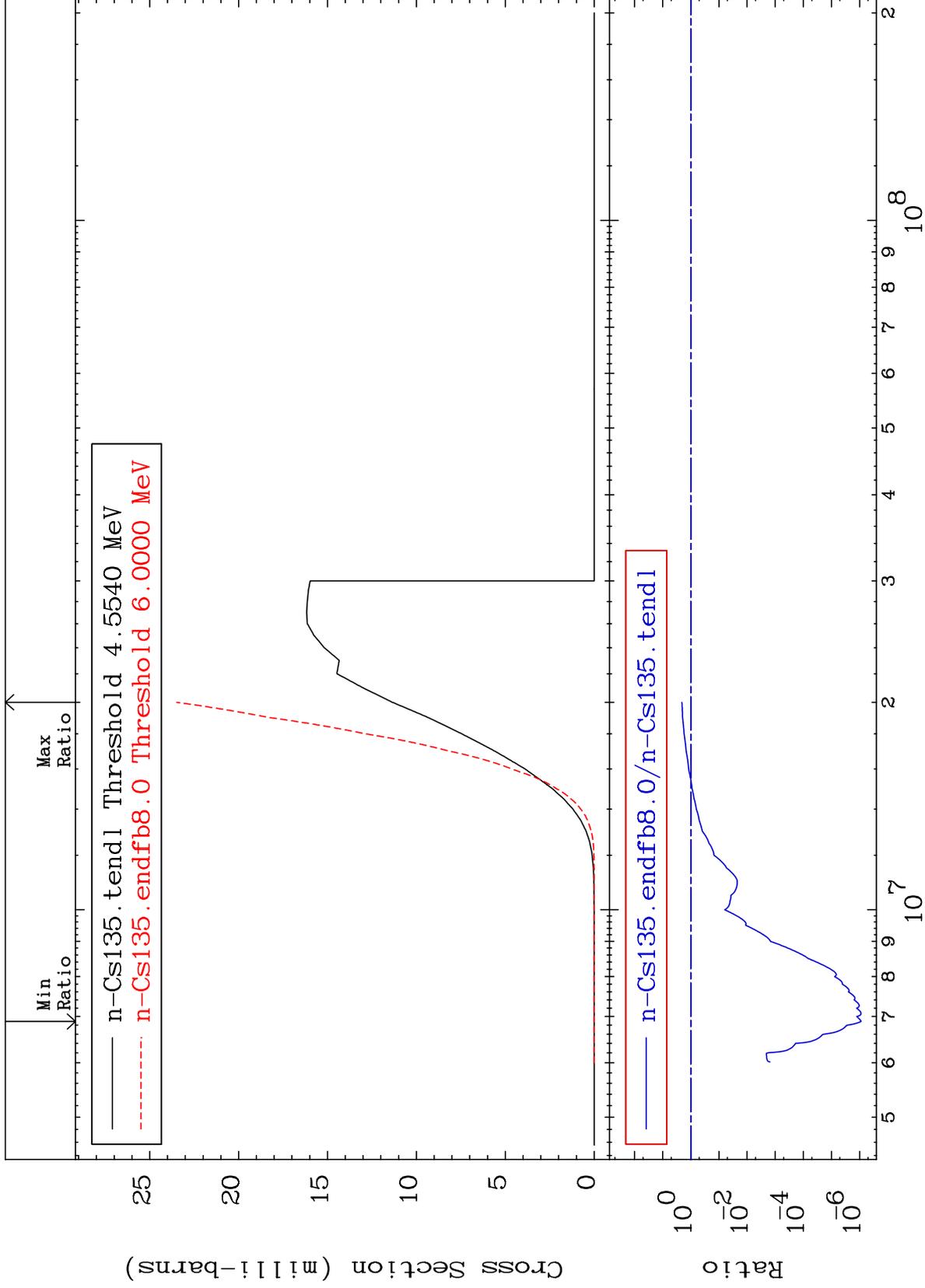
MAT 5531

(n, d)

55-Cs-135

Cross Section

-100.0 To 106.8 %



17

Incident Energy (eV)

55-Cs-135

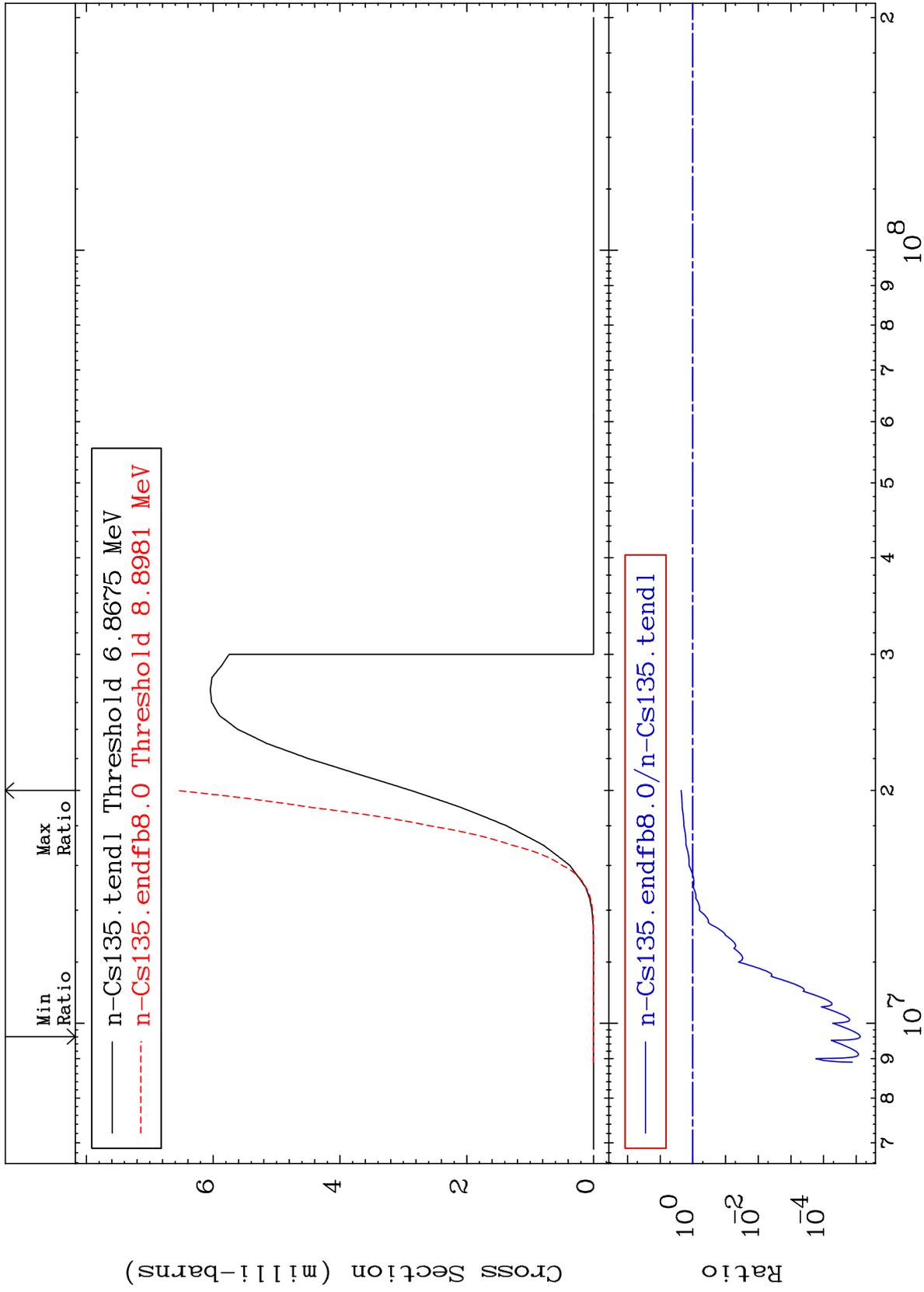
MAT 5531

(n, t)

55-Cs-135

Cross Section

-100.0 To 128.5 %



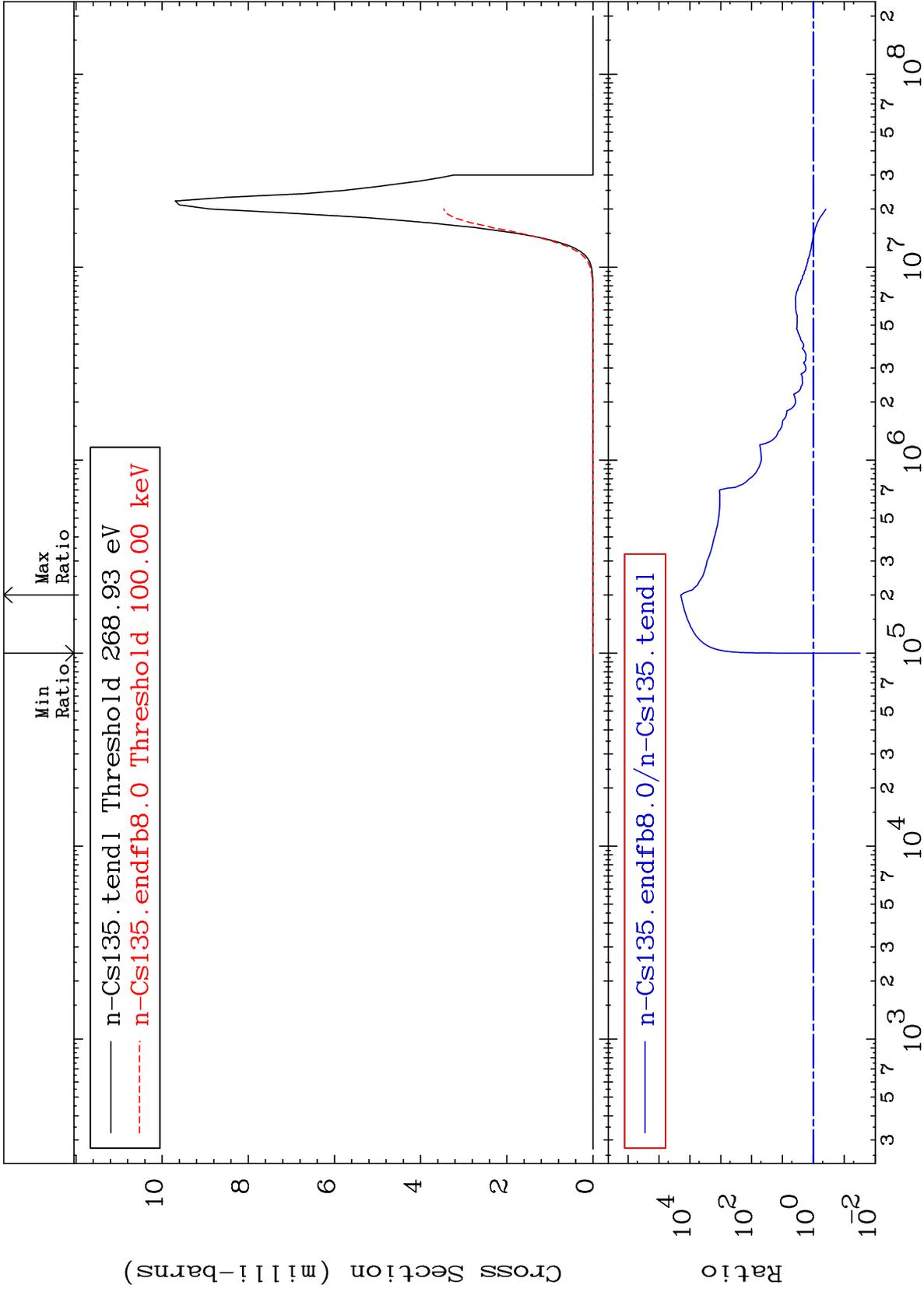
18

Incident Energy (eV)

55-Cs-135

MAT 5531

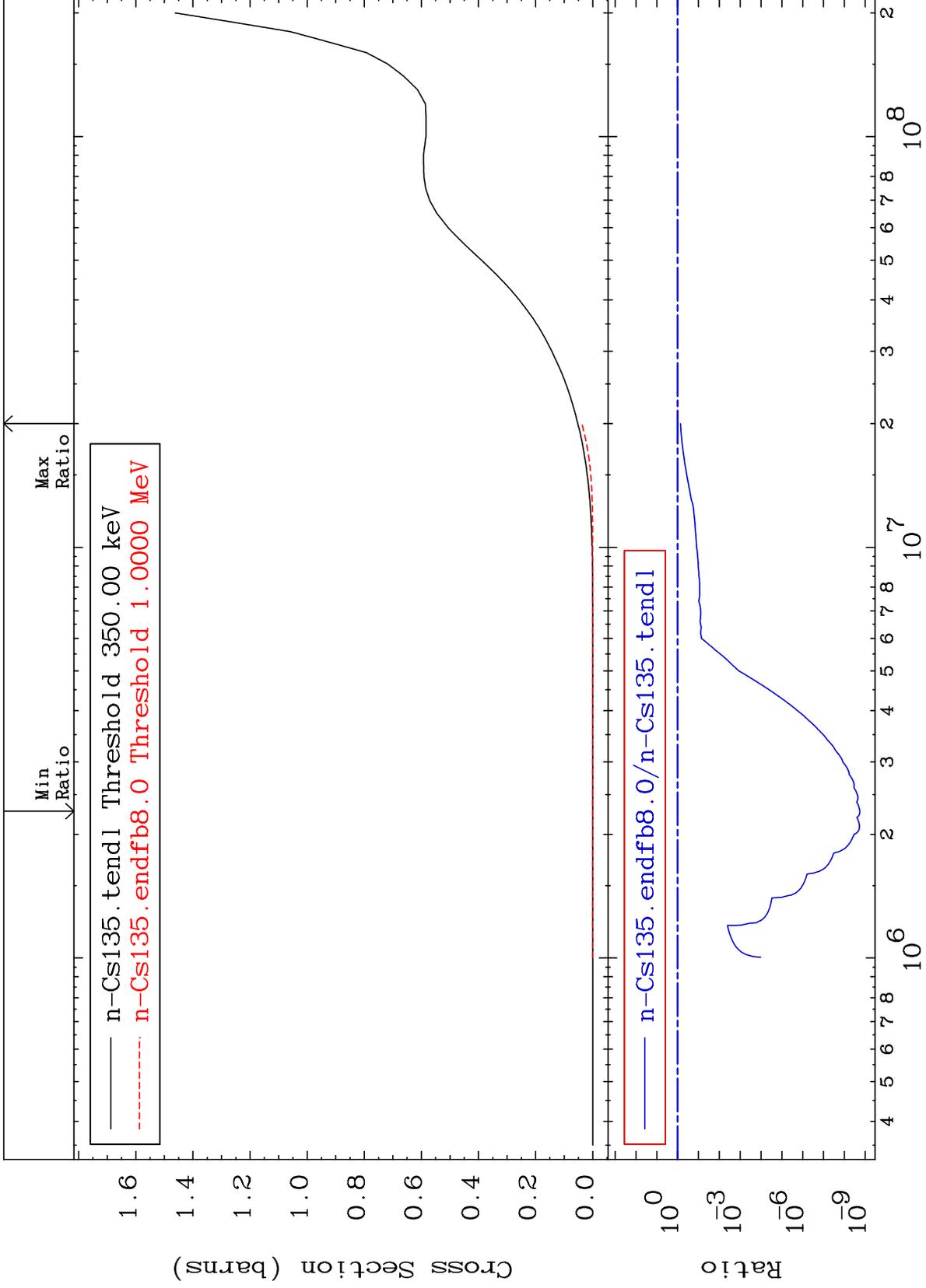
(n,  $\alpha$ )  
Cross Section  
55-Cs-135  
-96.93 To 9999. %



MAT 5531

Hydrogen Production  
Cross Section

55-Cs-135  
-100.0 To -27.20%



20

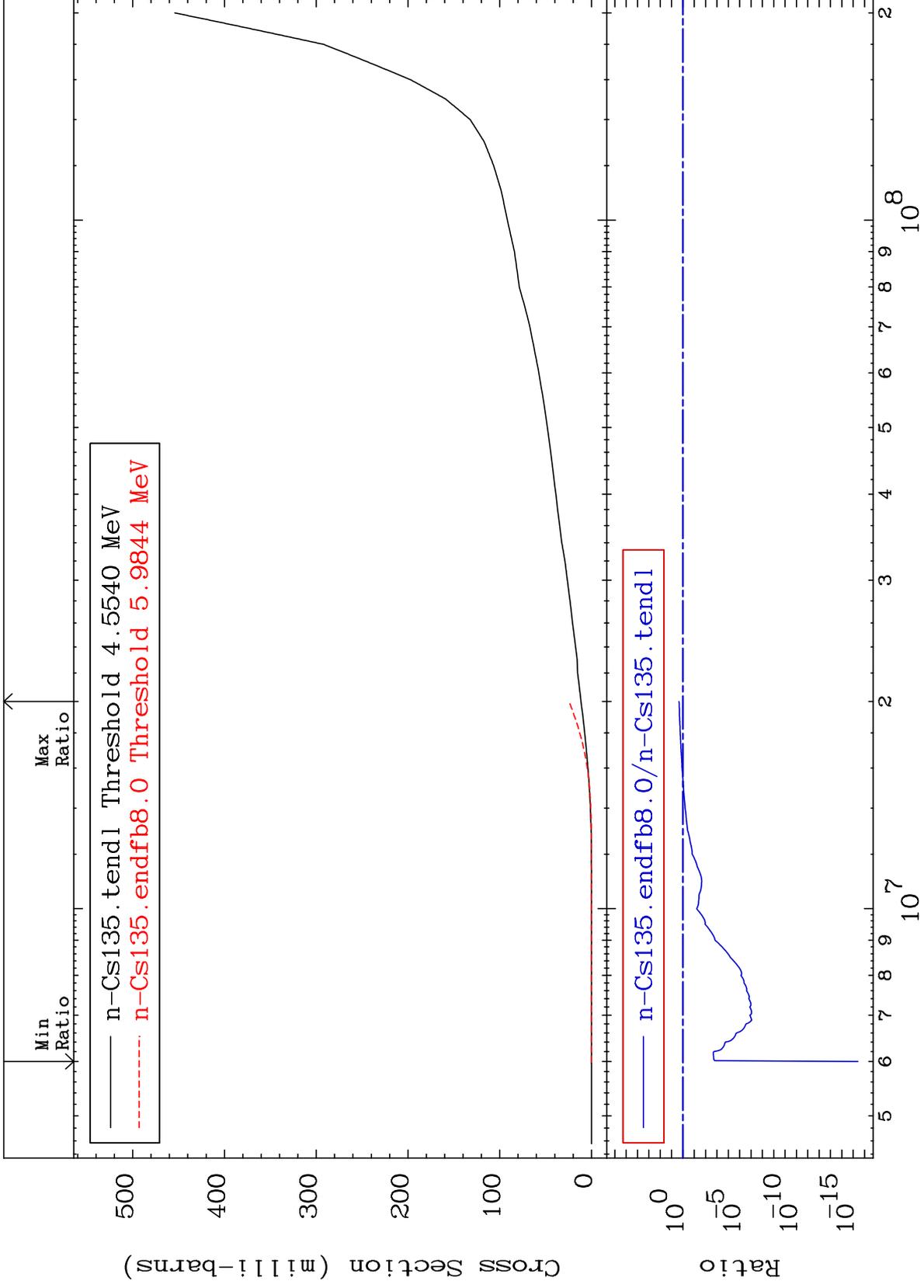
Incident Energy (eV)

55-Cs-135

MAT 5531

Deuterium Production  
Cross Section

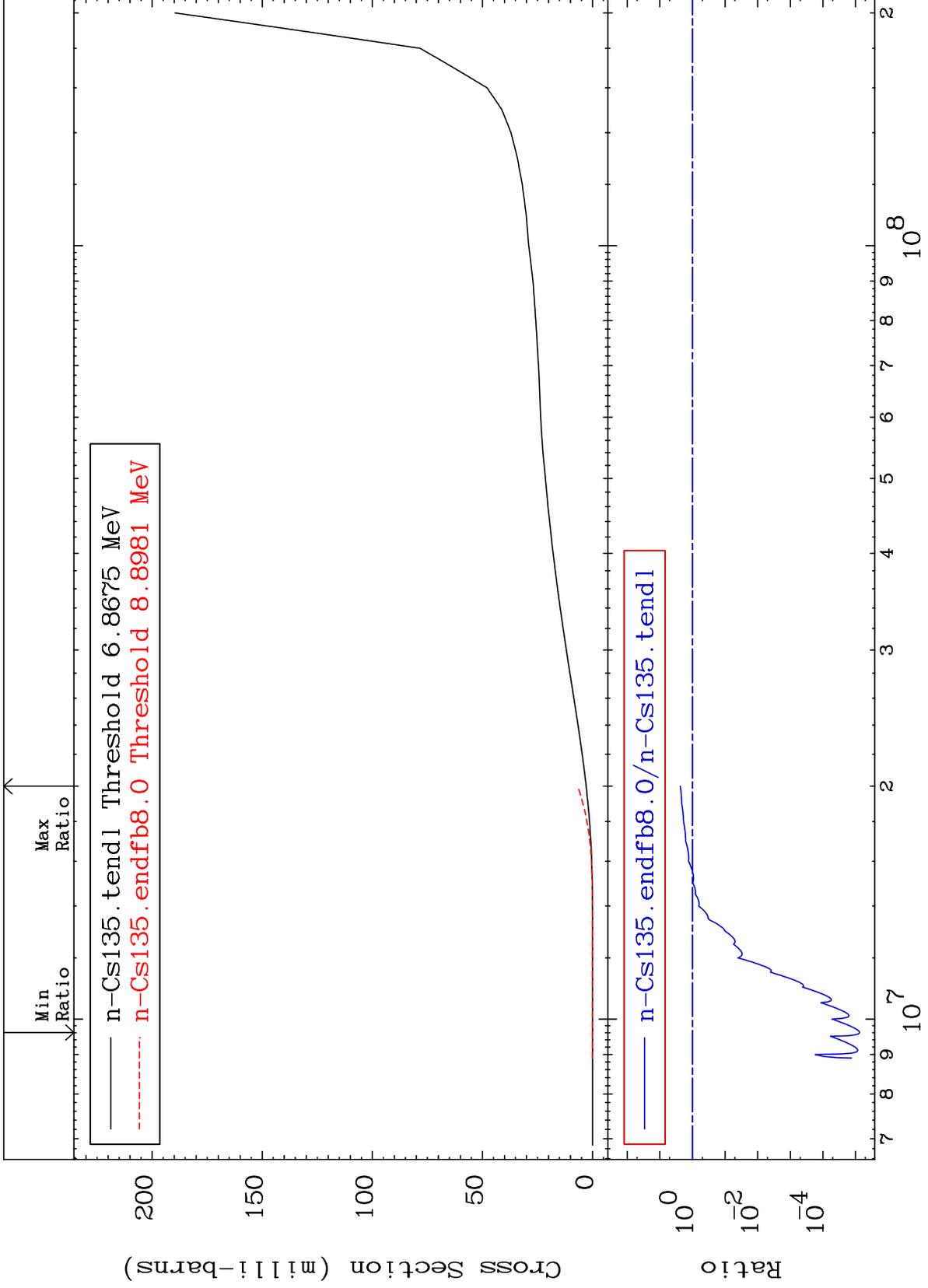
55-Cs-135  
-100.0 To 117.9 %



MAT 5531

Tritium Production  
Cross Section

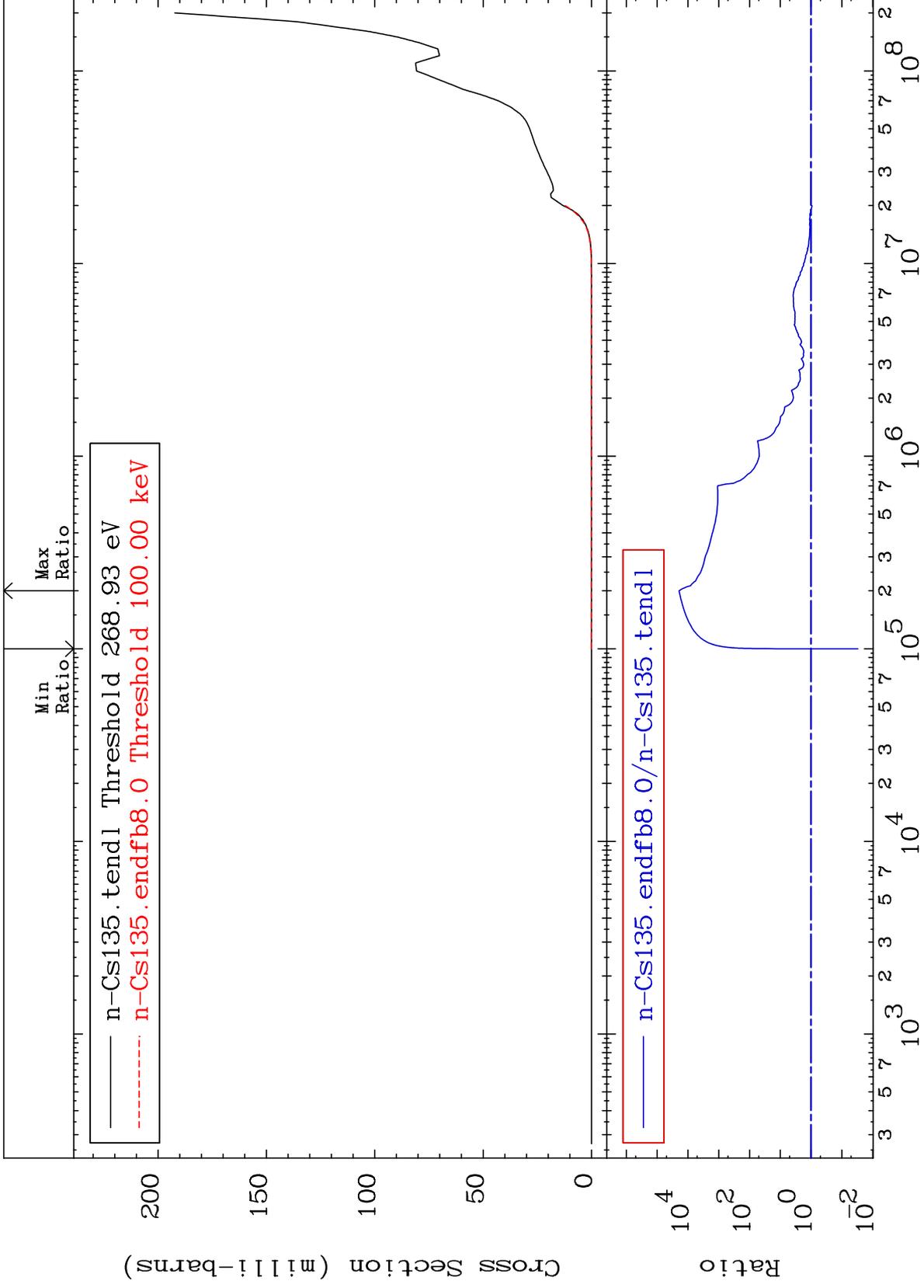
55-Cs-135  
-100.0 To 136.4 %

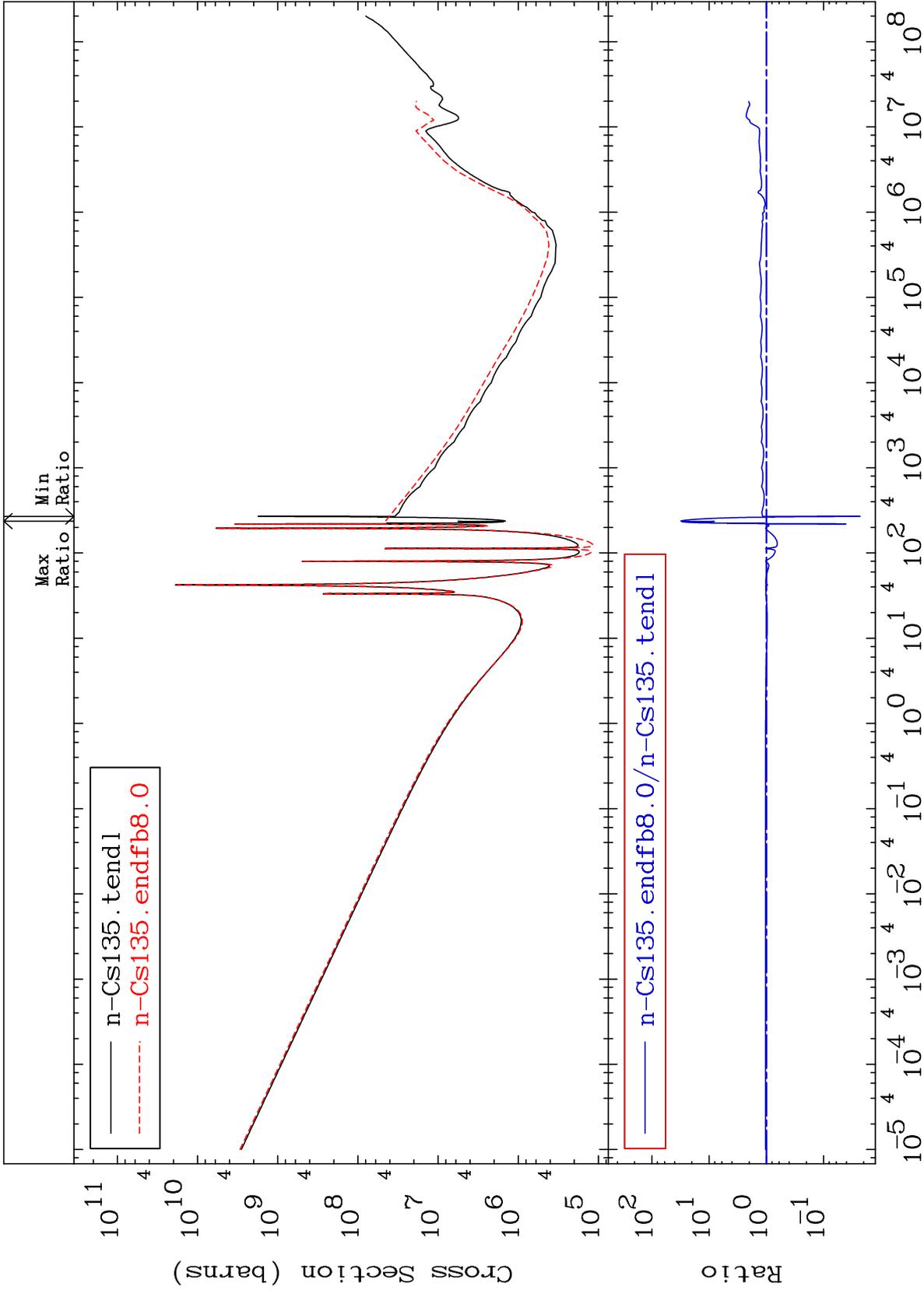


MAT 5531

He-4 Production  
Cross Section

55-Cs-135  
-96.99 To 9999. %

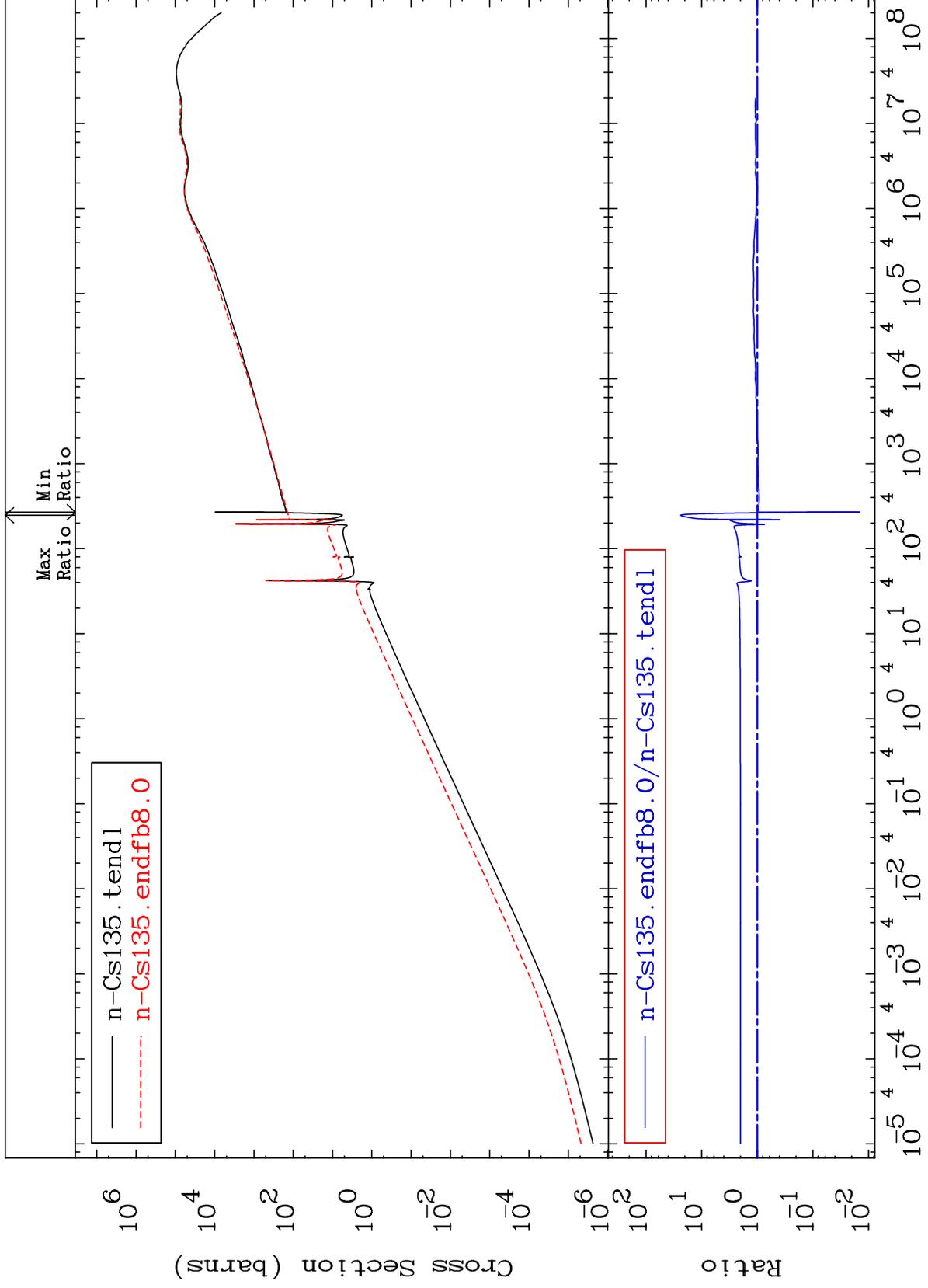




MAT 5531

Kerma elastic  
Cross Section

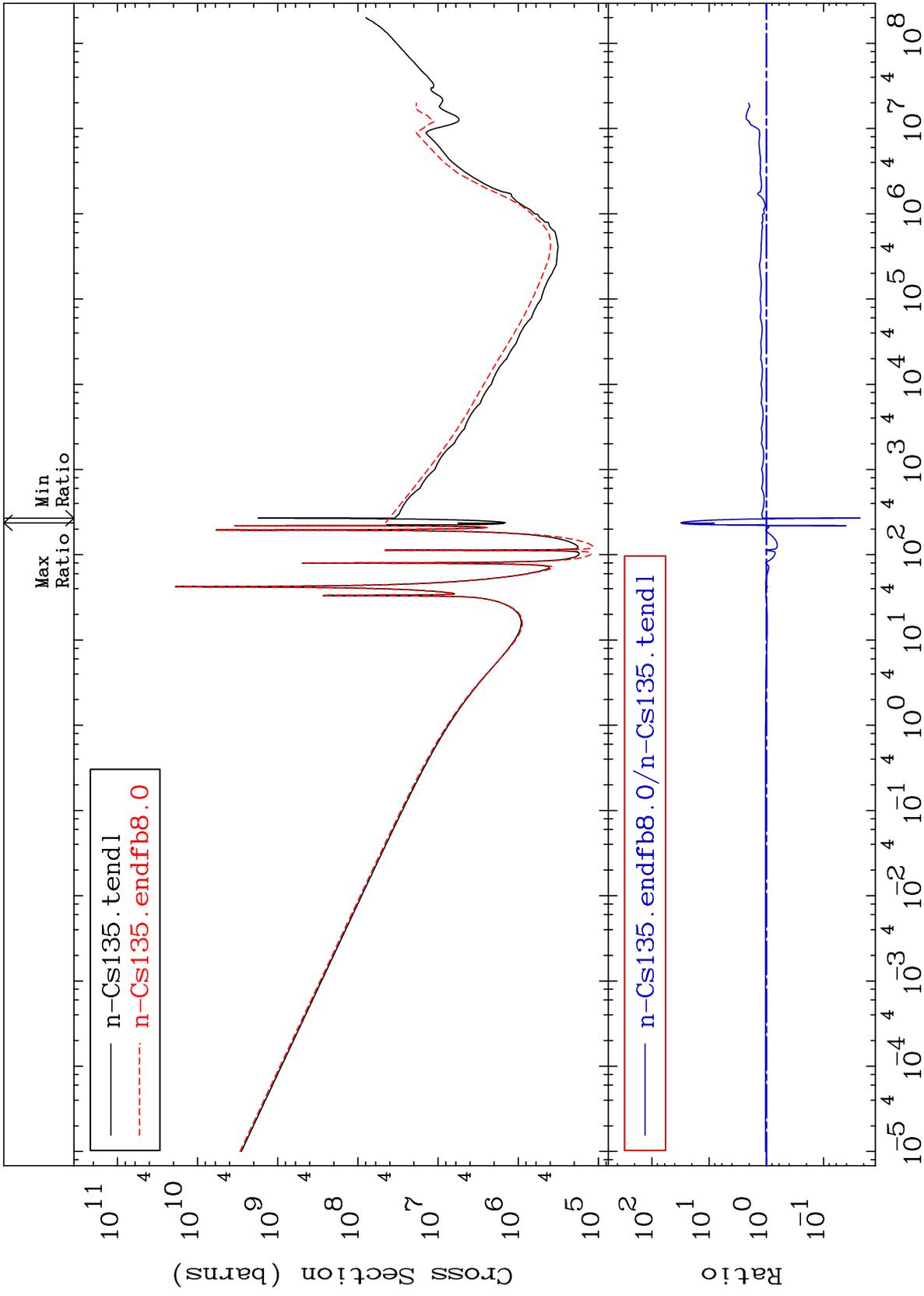
55-Cs-135  
-98.56 To 2279. %



25

Incident Energy (eV)

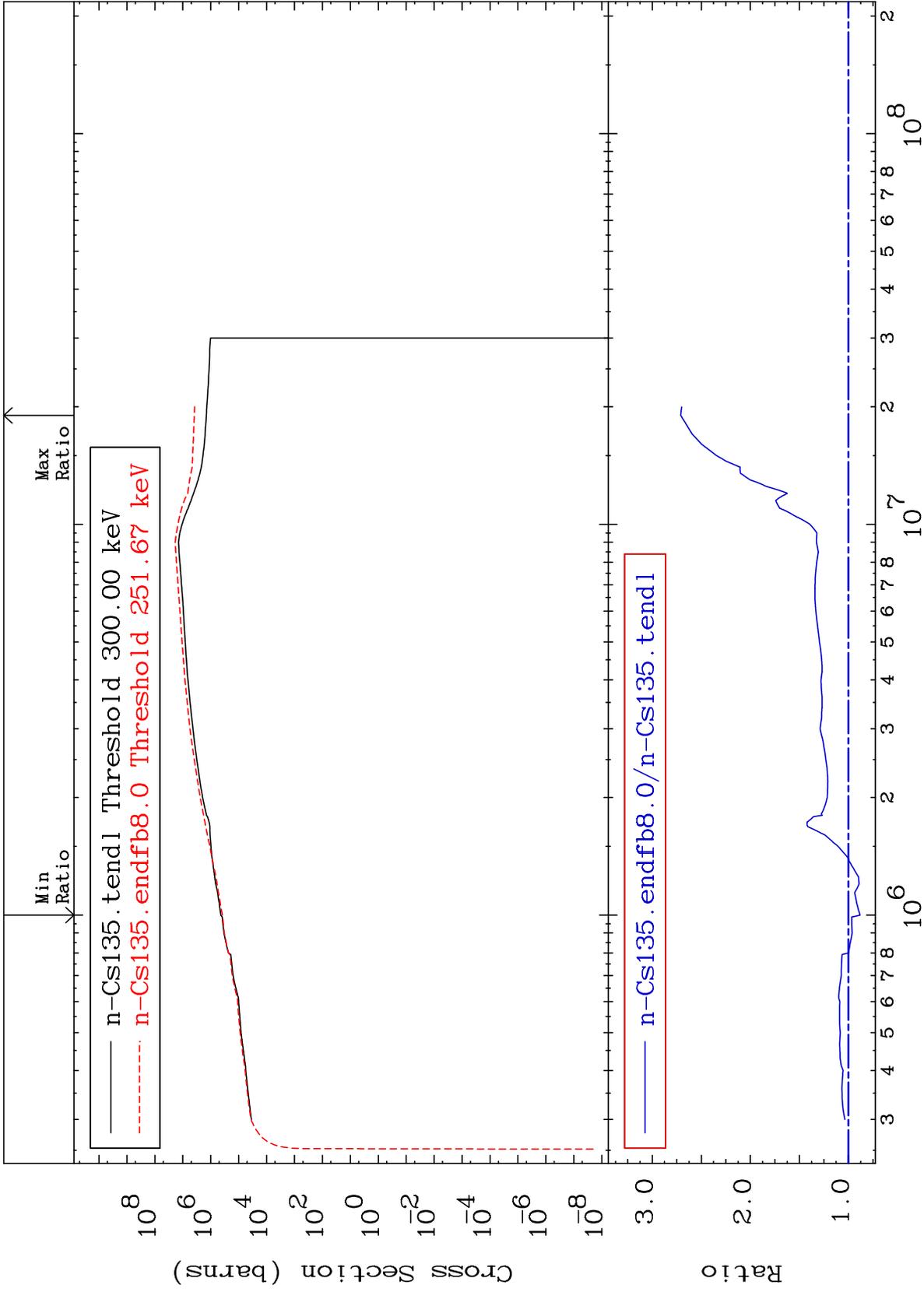
55-Cs-135



MAT 5531

Kerma inelastic (mt51-91)  
Cross Section

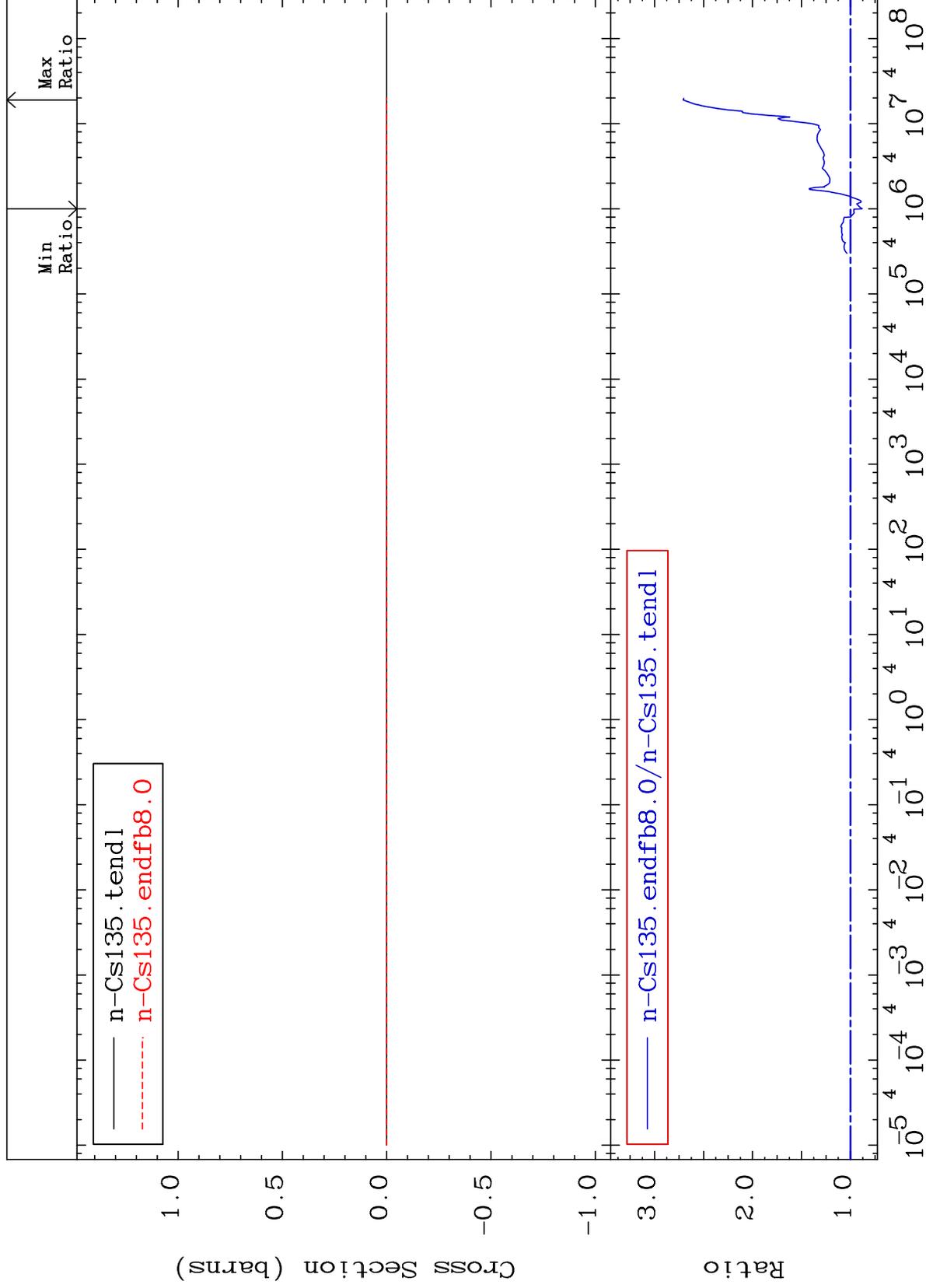
55-Cs-135  
-11.89 To 170.9 %



MAT 5531

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

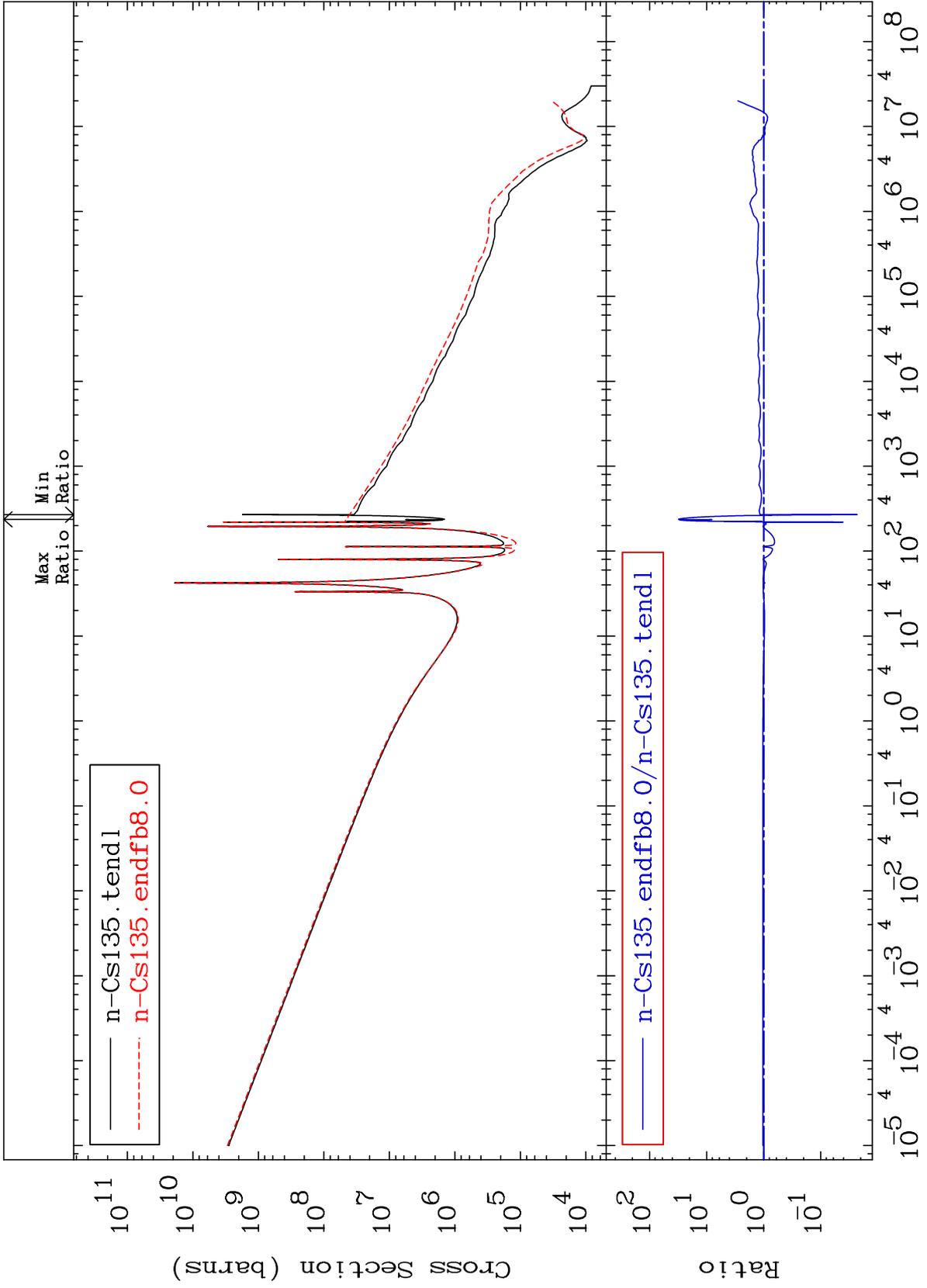
55-Cs-135  
-11.89 To 170.9 %



28

Incident Energy (eV)

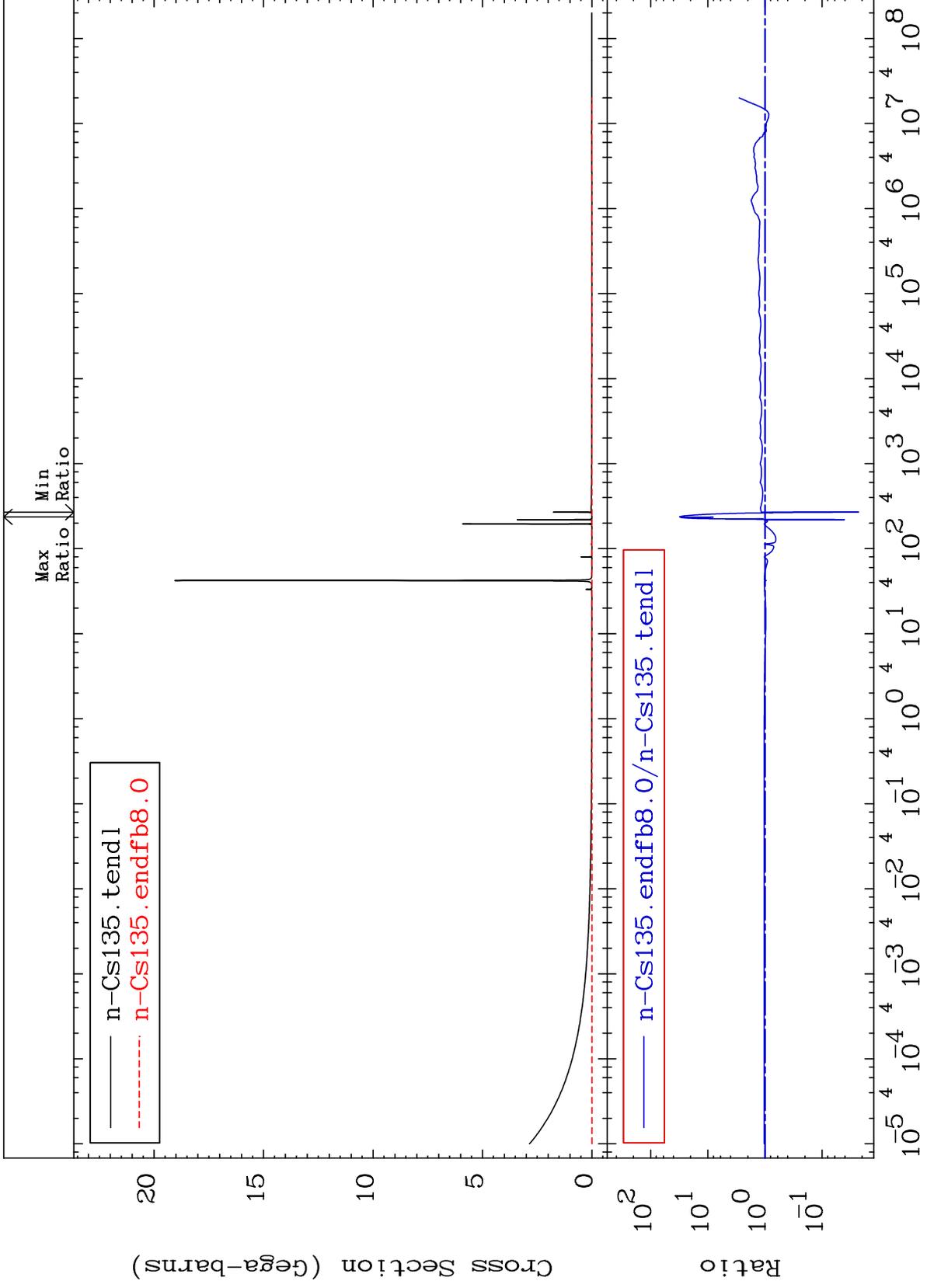
55-Cs-135



MAT 5531

Total photon (eV-barns)  
Cross Section

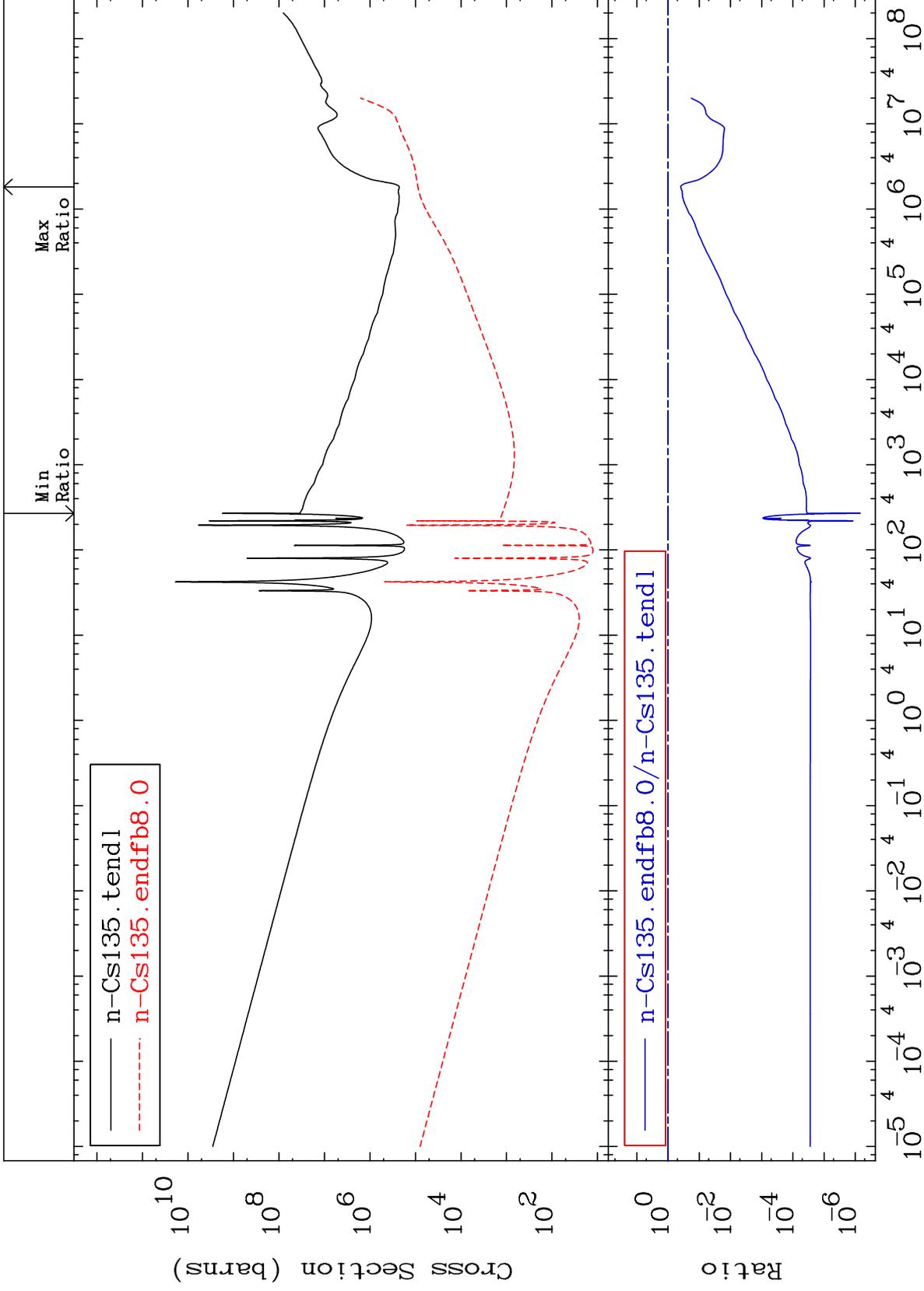
55-Cs-135  
-97.69 To 3027. %



30

Incident Energy (eV)

55-Cs-135



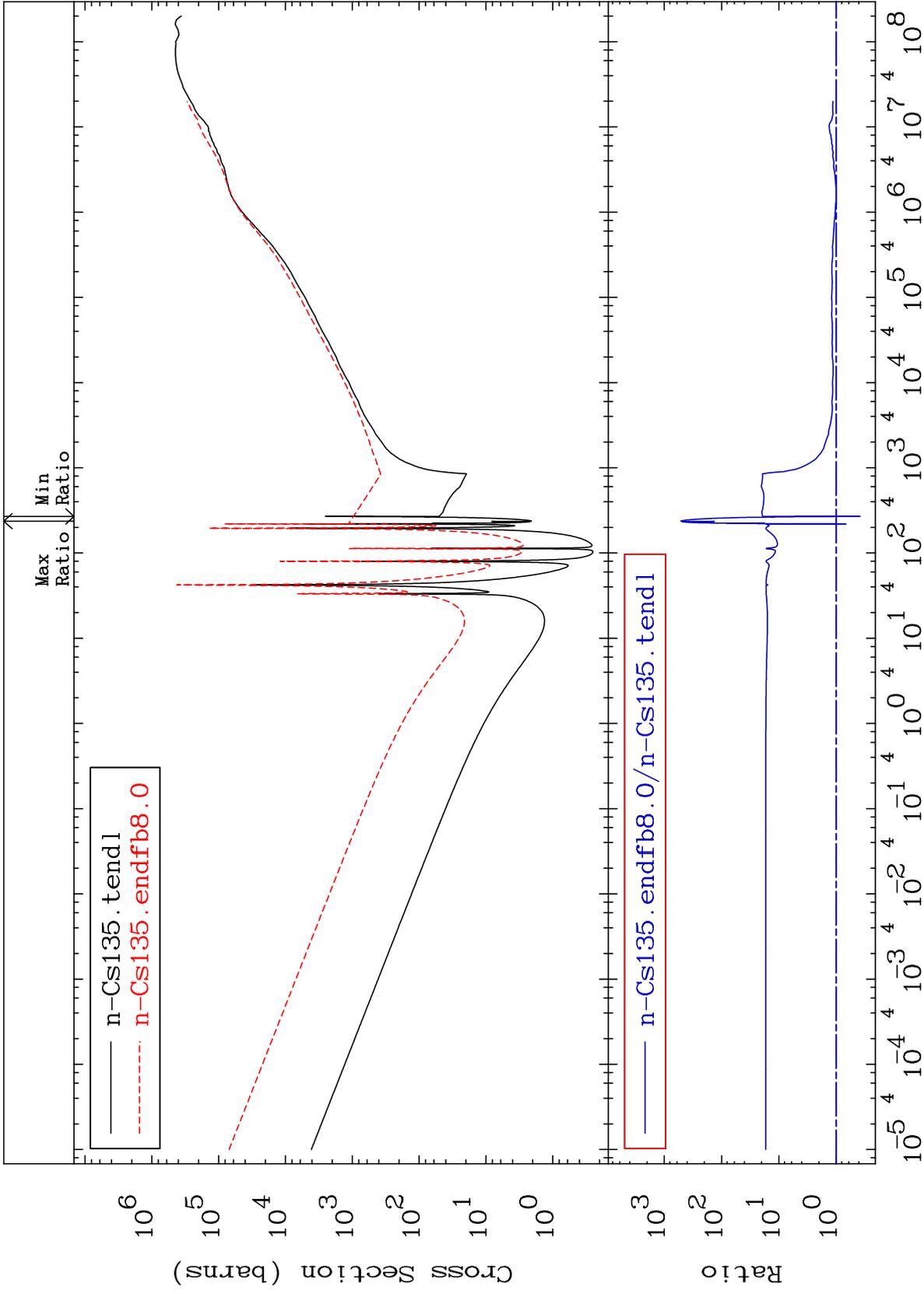
MAT 5531

Dpa total (eV-barns)

55-Cs-135

-61.84 To 9999. %

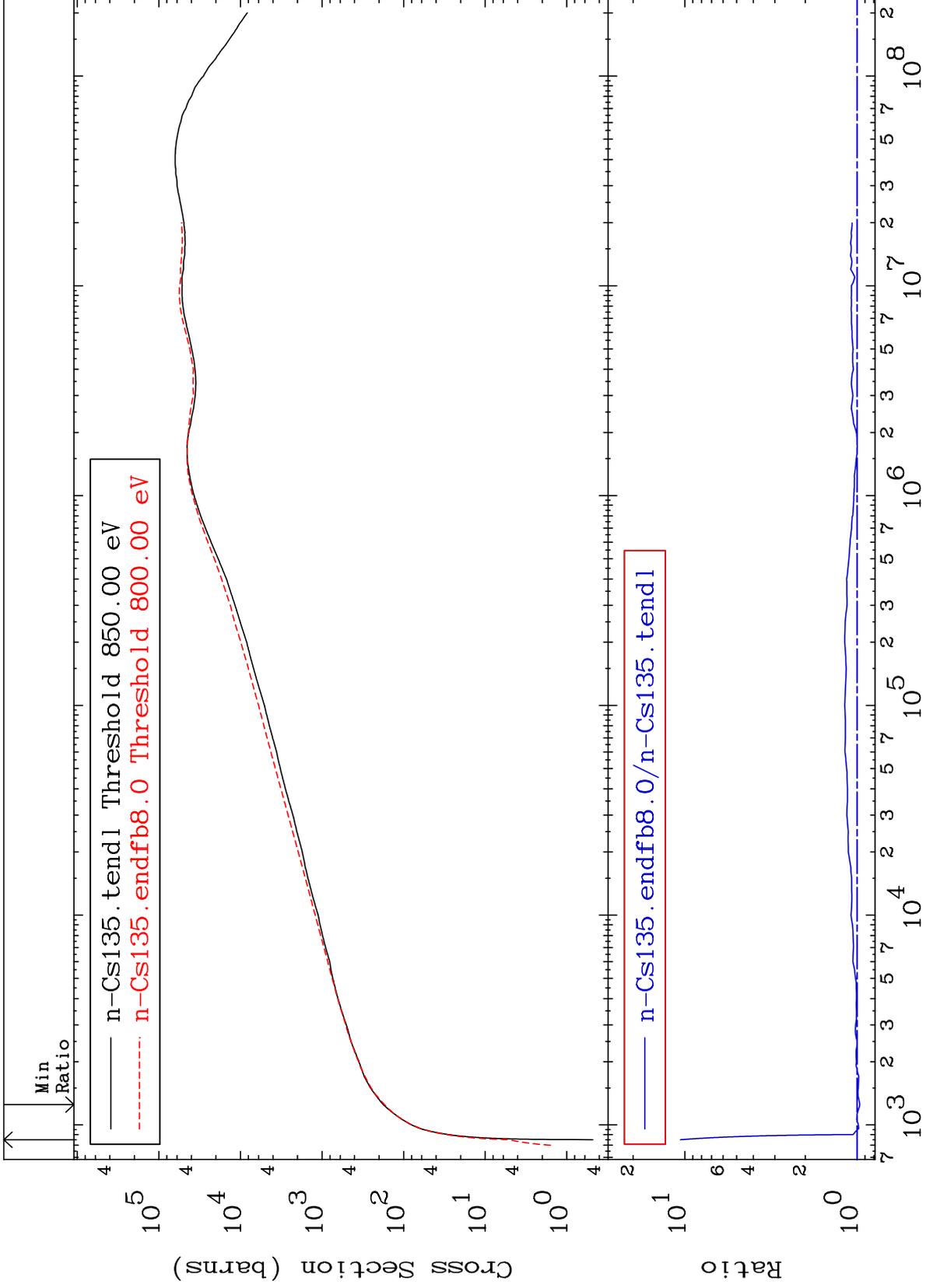
Cross Section



MAT 5531

Dpa elastic (mt2)  
Cross Section

55-Cs-135  
-3.596 To 959.6 %



33

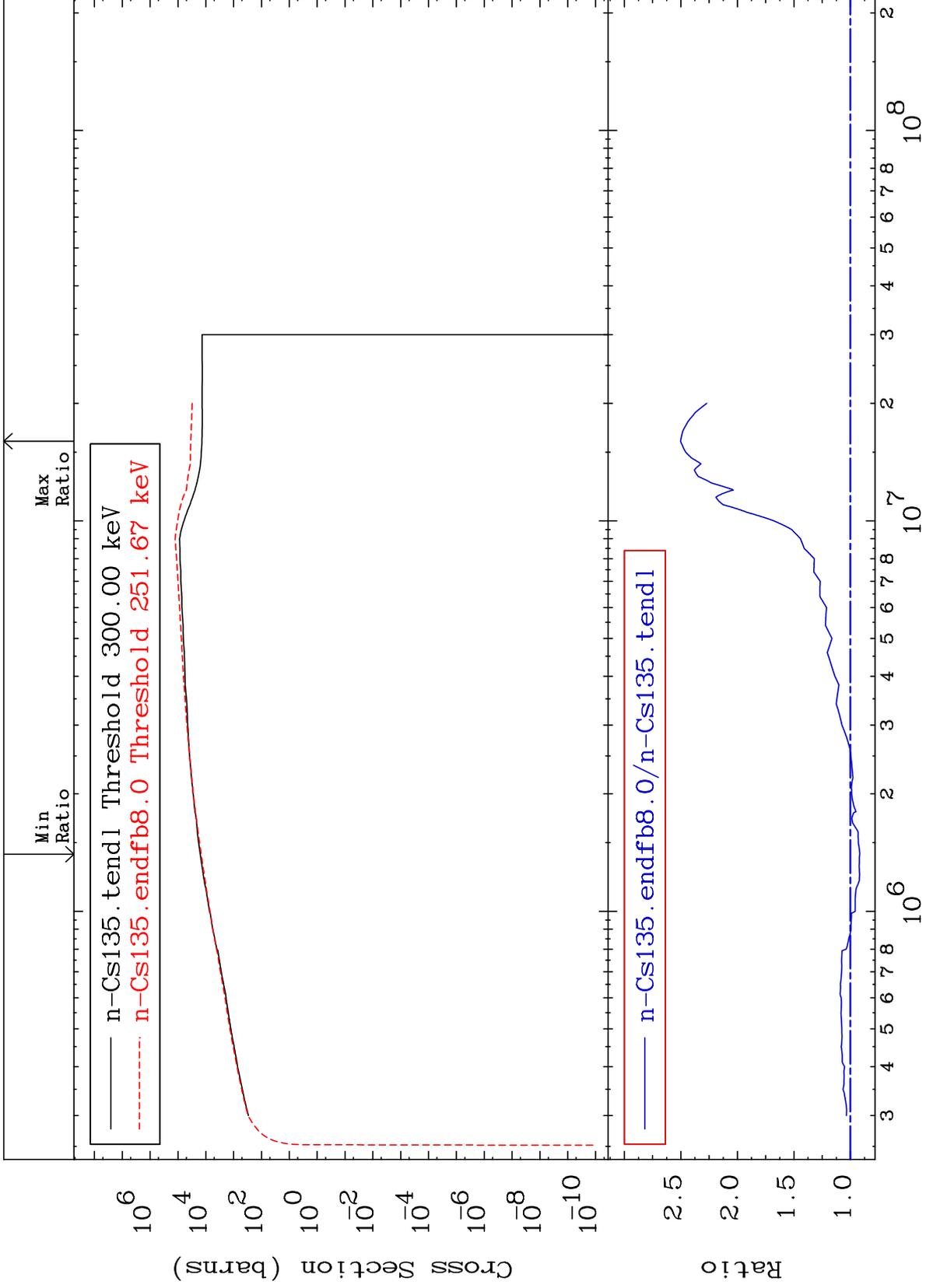
Incident Energy (eV)

55-Cs-135

MAT 5531

Dpa inelastic (mt51-91)  
Cross Section

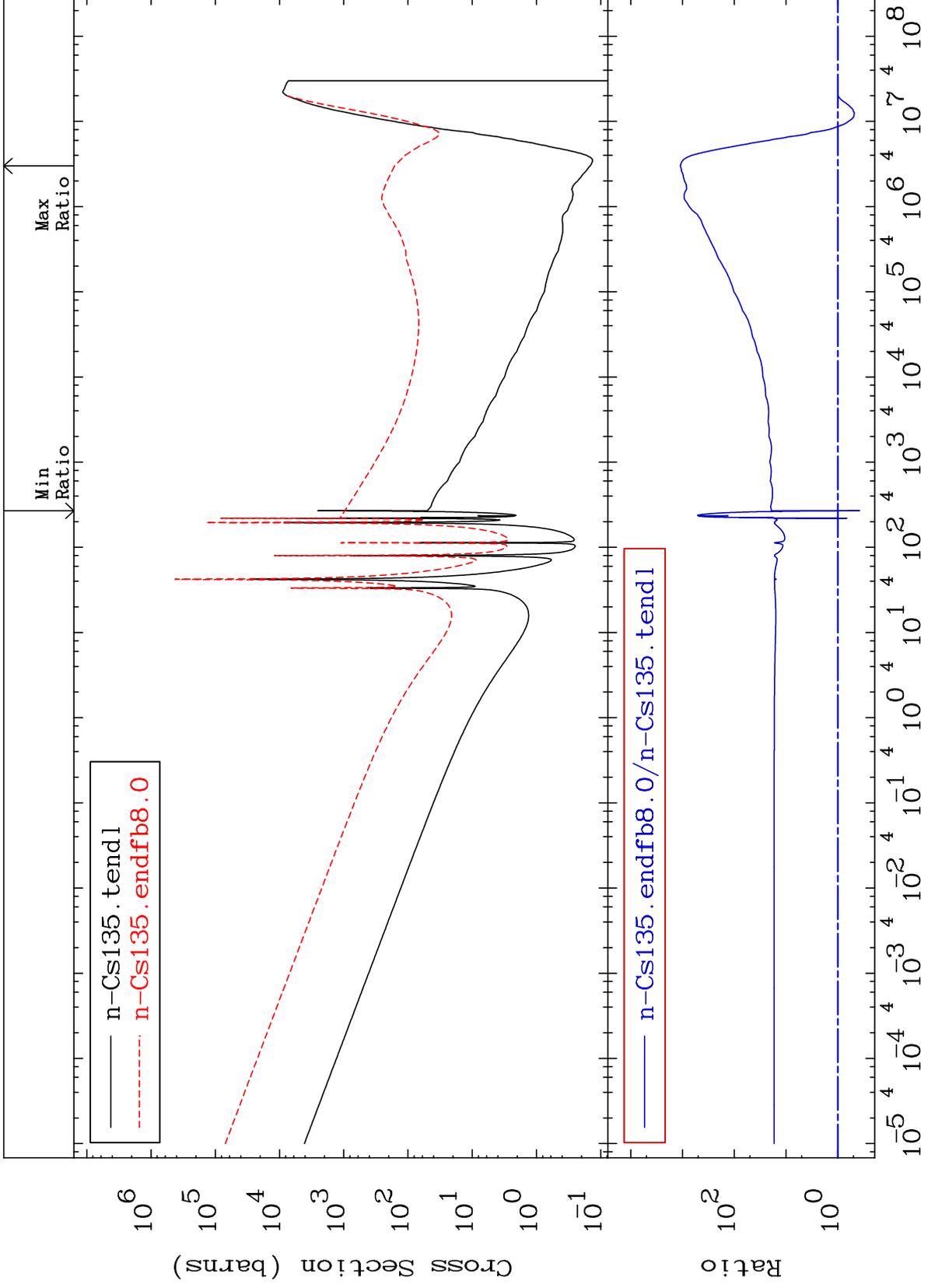
55-Cs-135  
-8.234 To 150.3 %



MAT 5531

Dpa disappearance (mt102 -120)  
Cross Section

55-Cs-135  
-61.84 To 9999. %



35

Incident Energy (eV)

55-Cs-135