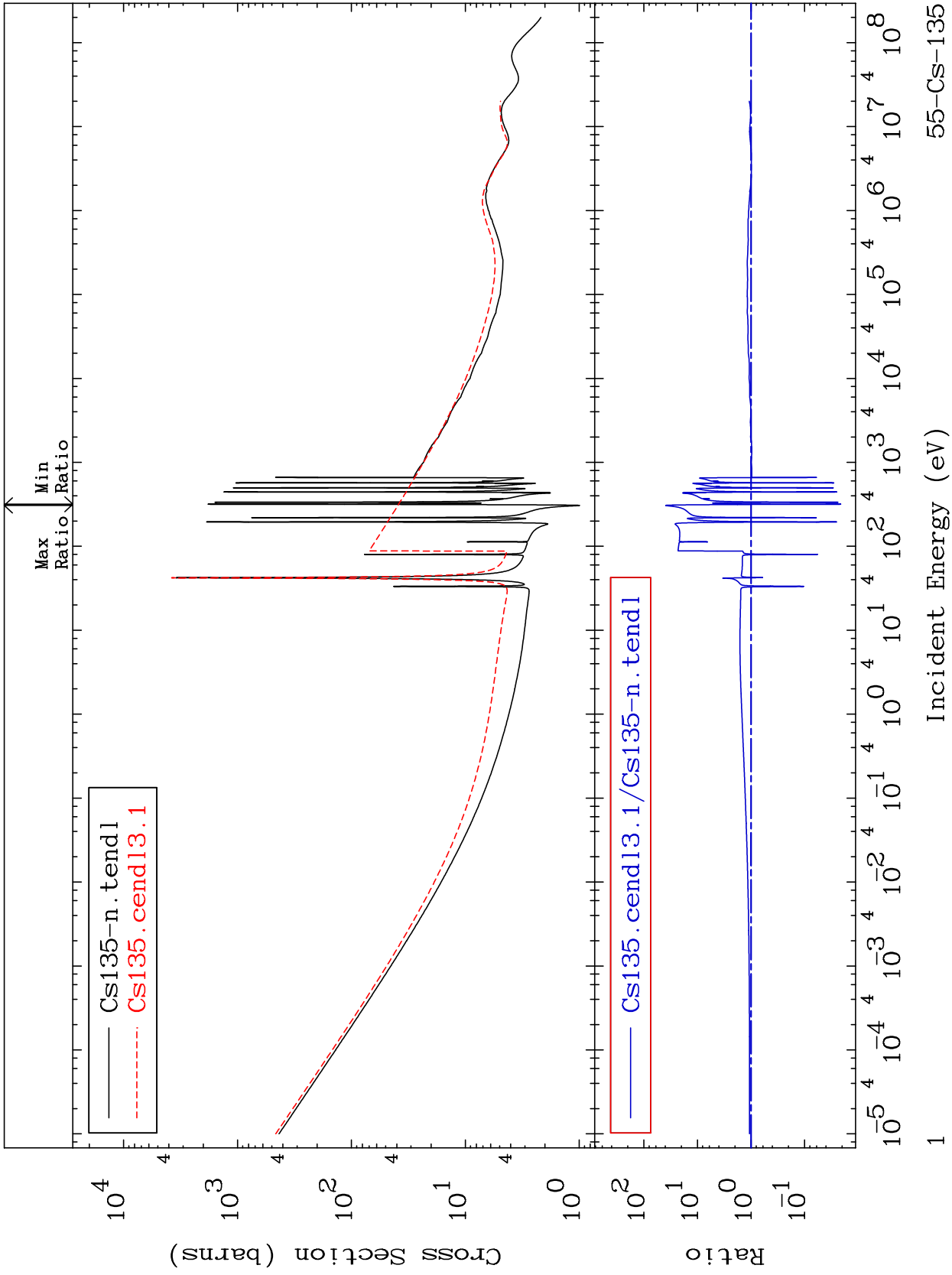


MAT 5531

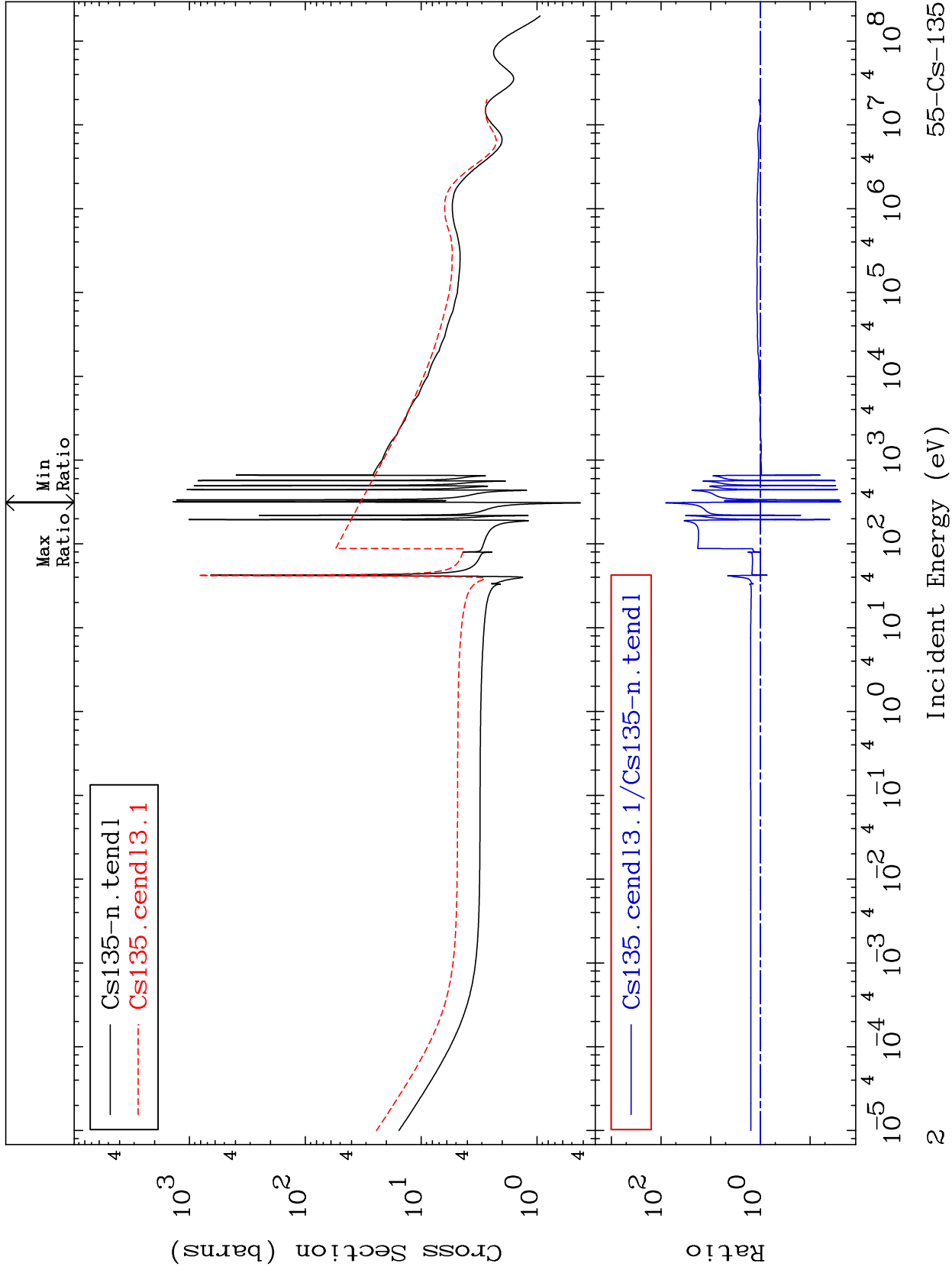
Total Cross Section
55-Cs-135
-97.87 To 3850. %



MAT 5531

Elastic
Cross Section

55-Cs-135
-97.60 To 7856. %



55-Cs-135

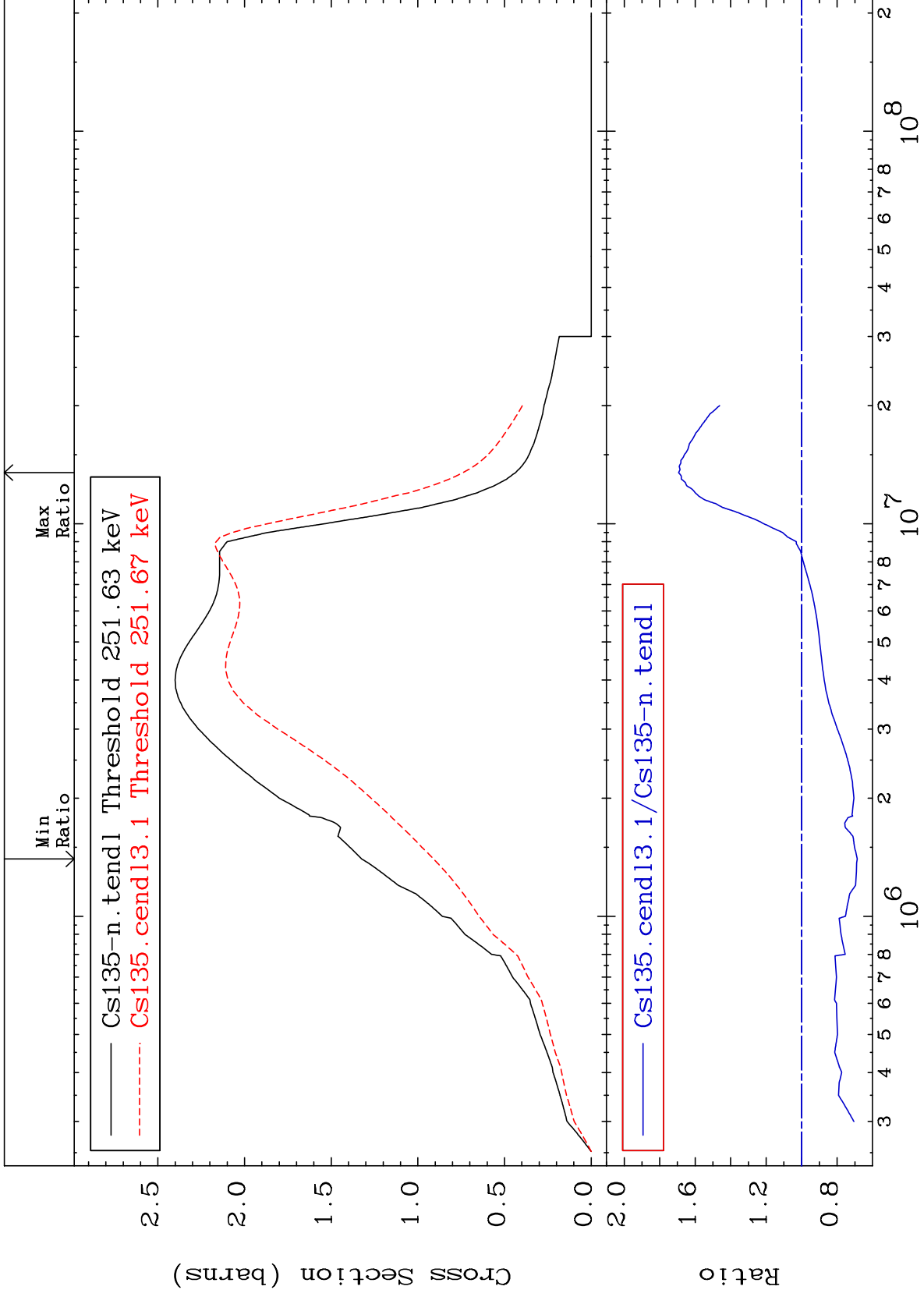
Incident Energy (eV)

2

MAT 5531

Inelastic
Cross Section

55-Cs-135
-31.34 To 69.33 %



3

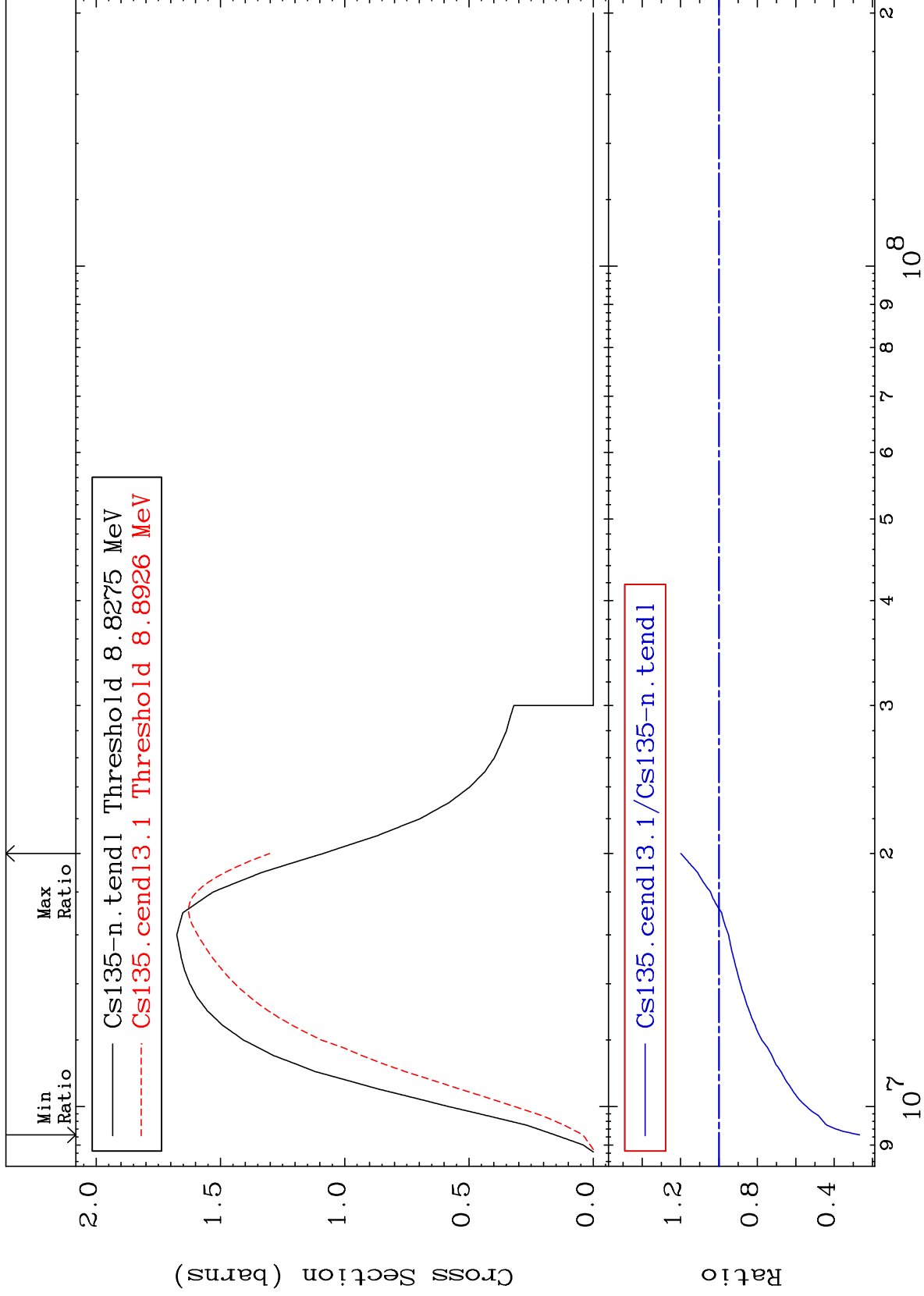
Incident Energy (eV)

55-Cs-135

MAT 5531

(n,2n)
Cross Section

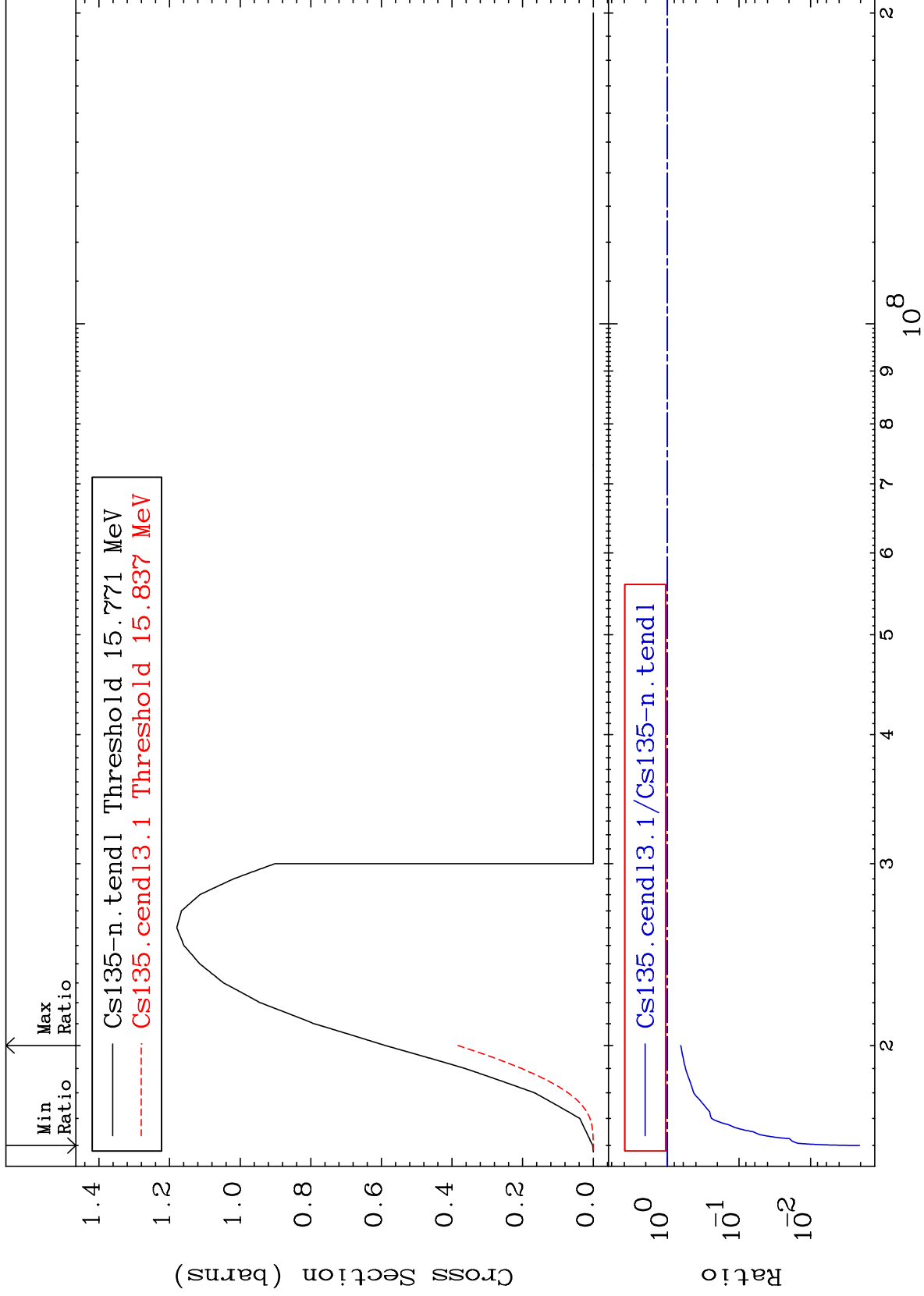
55-Cs-135
-73.23 To 19.89 %



4

Incident Energy (eV)

55-Cs-135

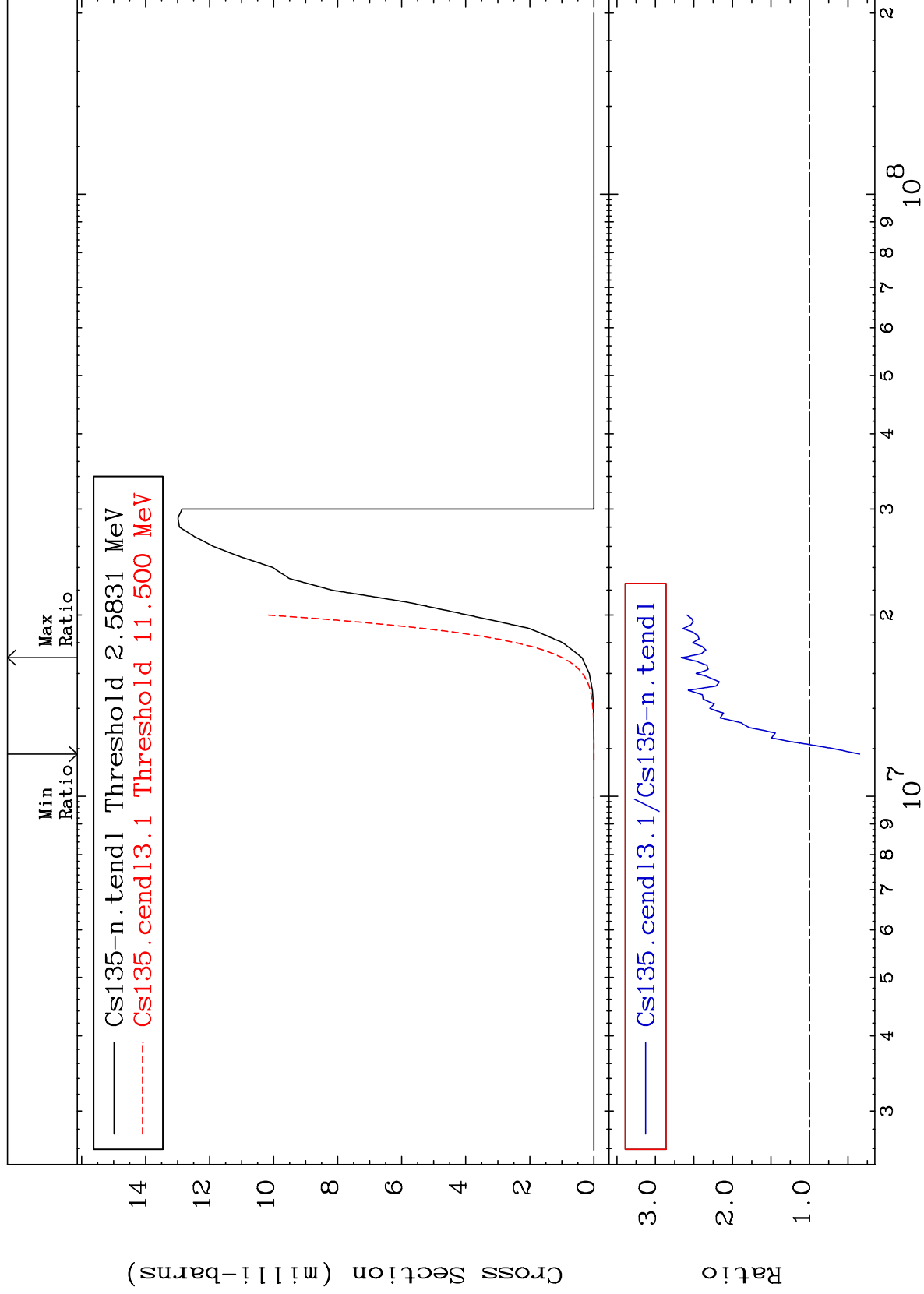


MAT 5531

55-Cs-135

(n,n') α

-65.06 To 166.5 %



6

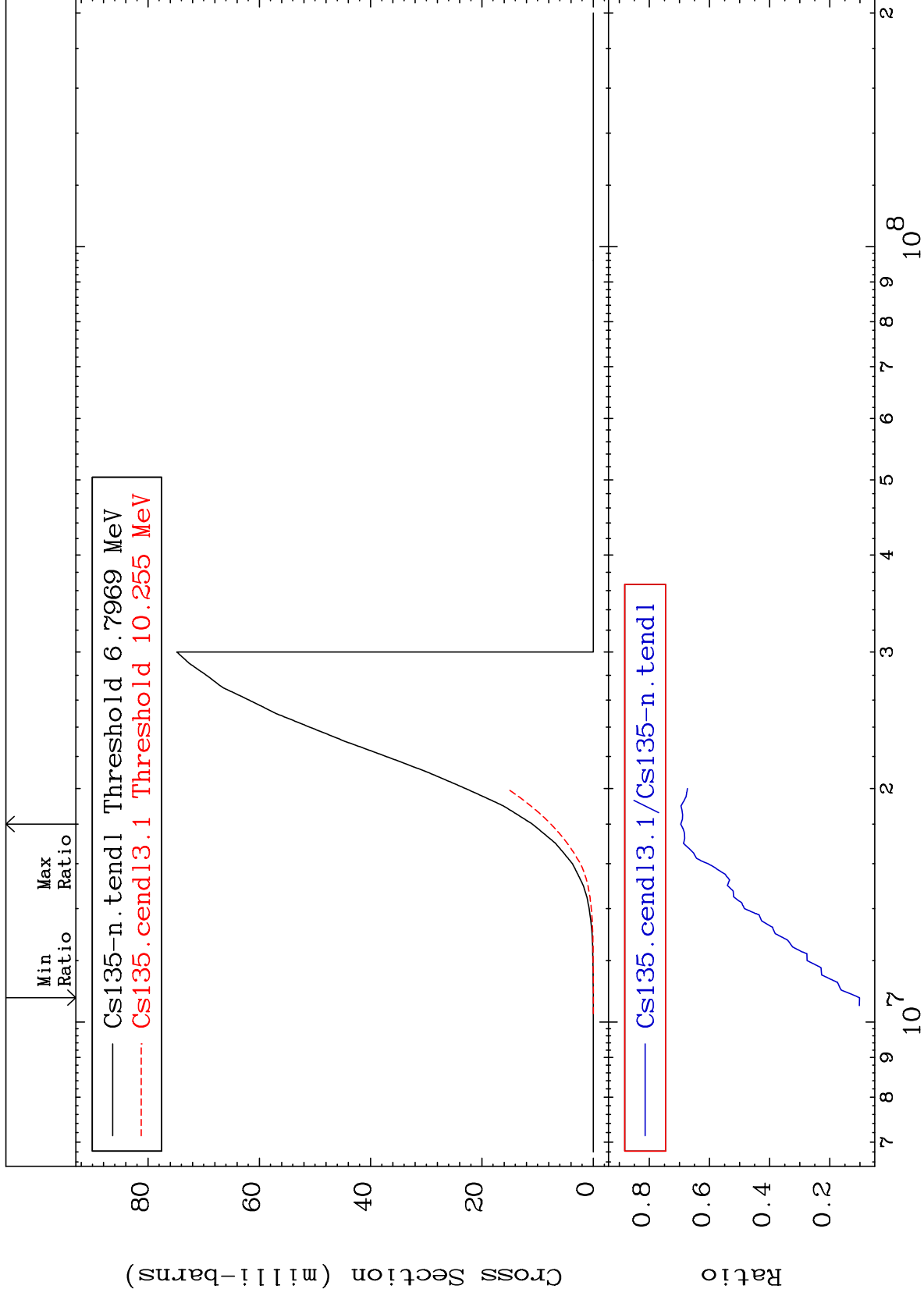
Incident Energy (eV)

55-Cs-135

MAT 5531

(n,n') p
Cross Section

55-Cs-135
-89.86 To -30.44%



7

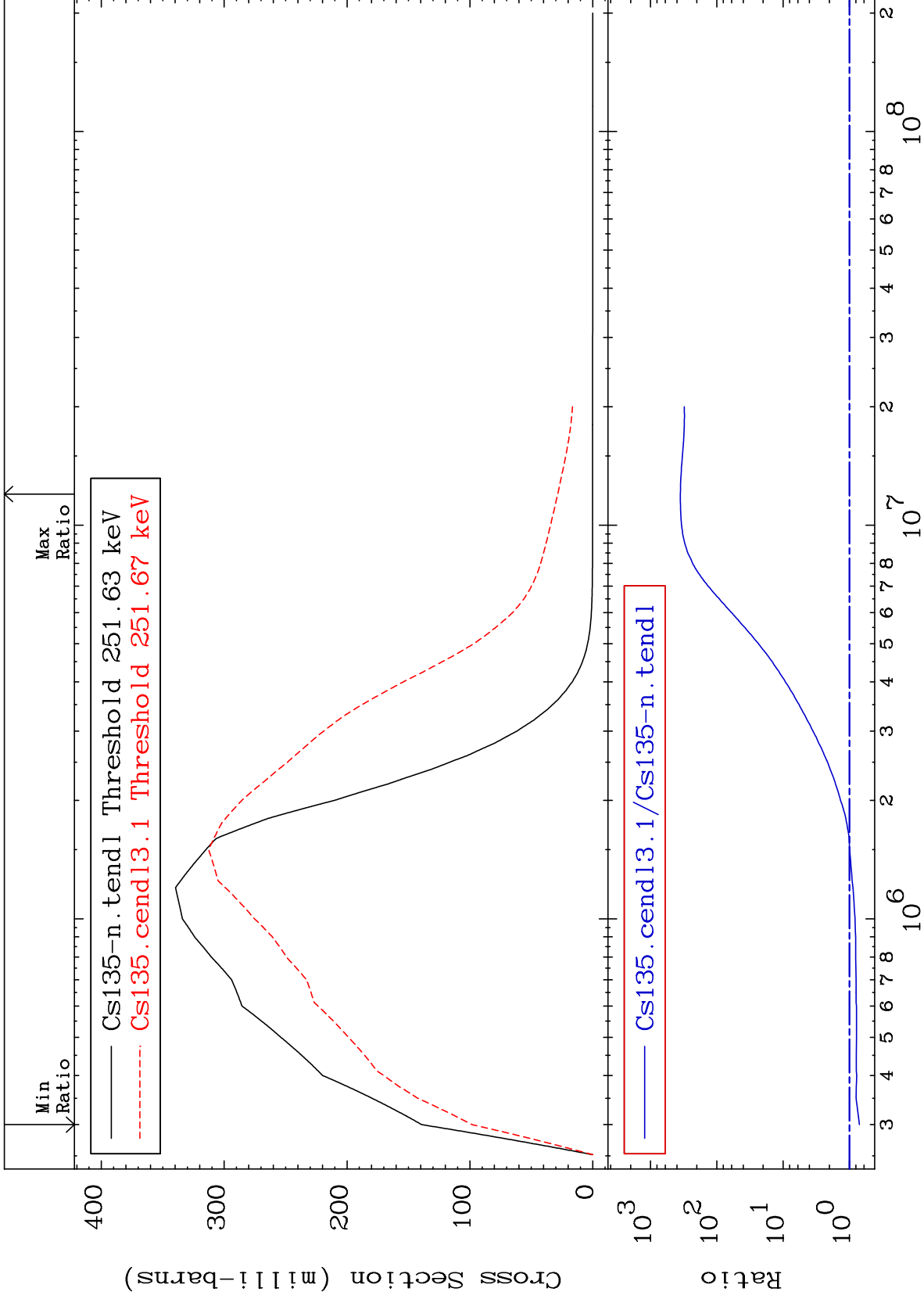
Incident Energy (eV)

55-Cs-135

MAT 5531

249.8 keV (n,n') Level
Cross Section

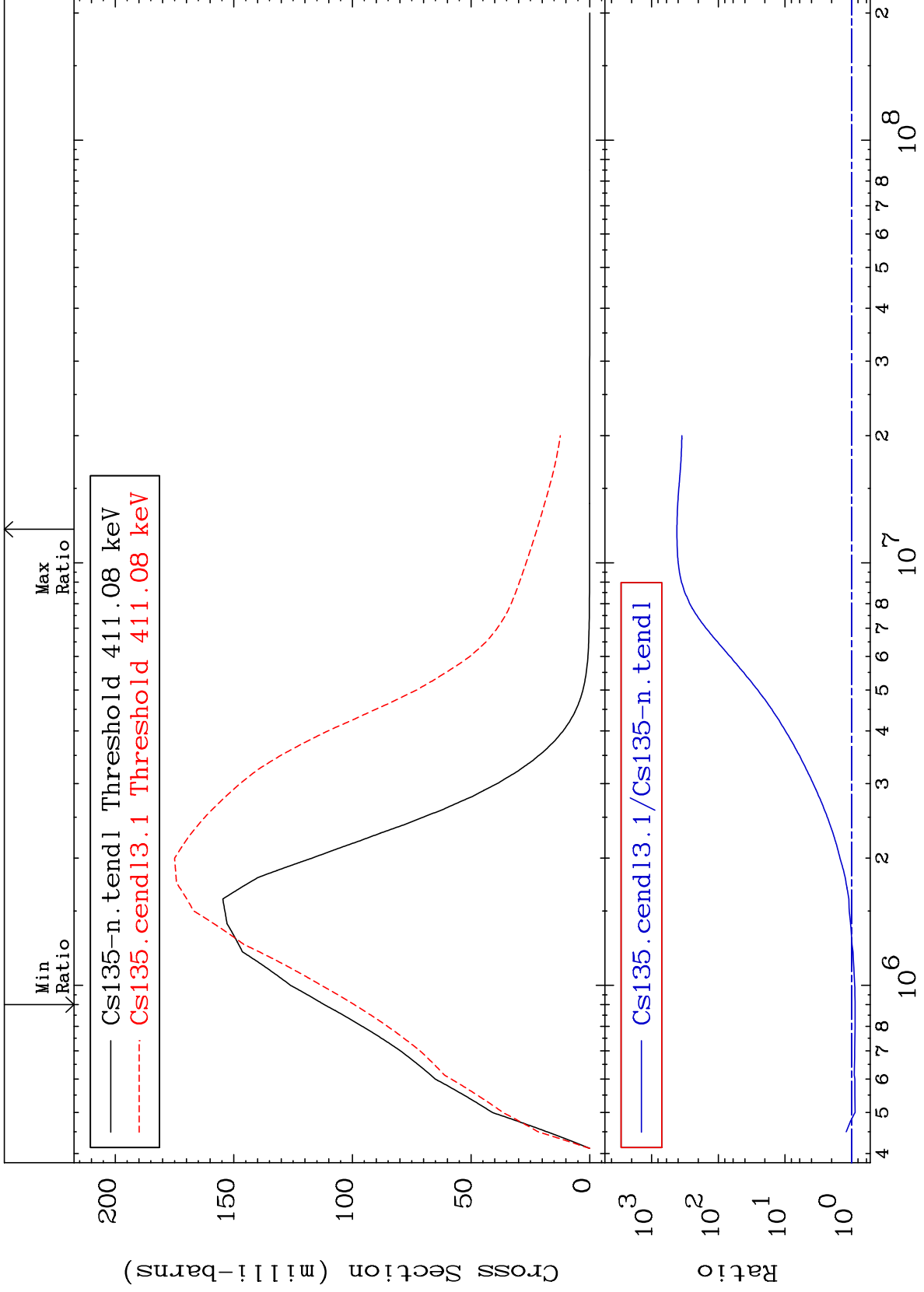
55-Cs-135
-29.44 To 9999. %



MAT 5531

408.0 keV (n,n') Level
Cross Section

55-Cs-135
-11.31 To 9999. %



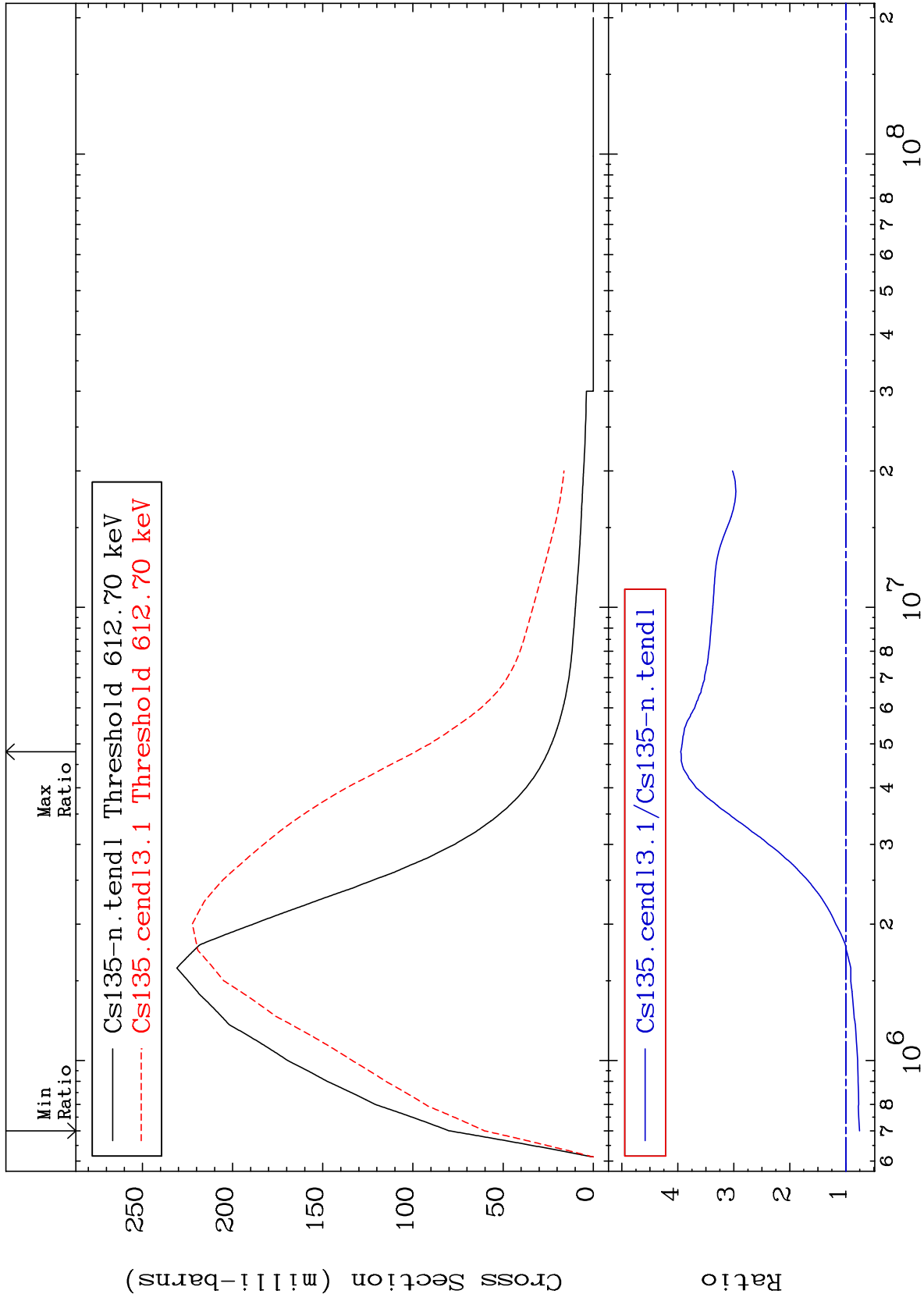
MAT 5531

608.2 keV (n,n') Level

55-Cs-135

Cross Section

-24.48 To 294.8 %



10

Incident Energy (eV)

55-Cs-135

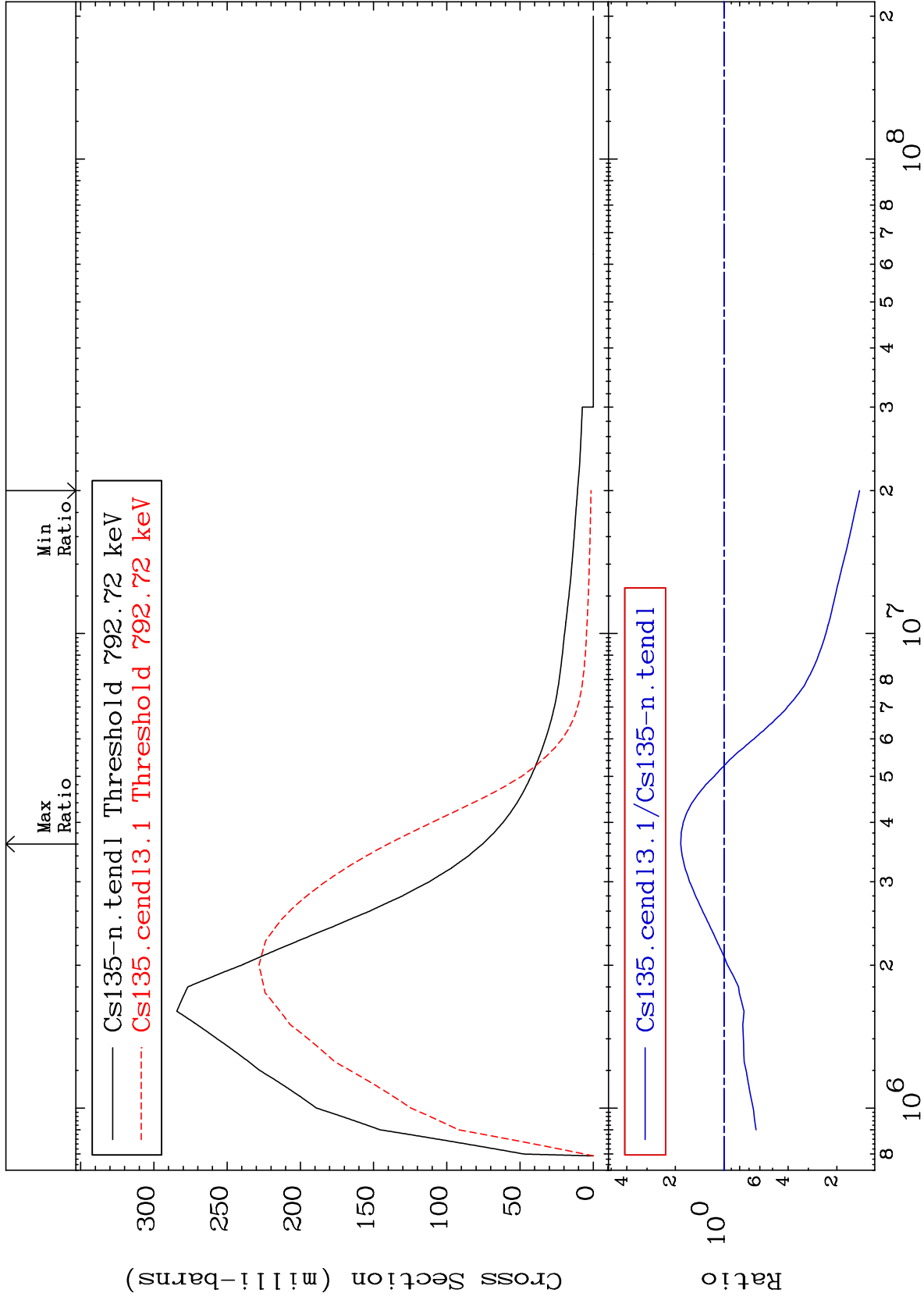
MAT 5531

786.8 keV (n,n') Level

55-Cs-135

-85.53 To 85.19 %

Cross Section



11

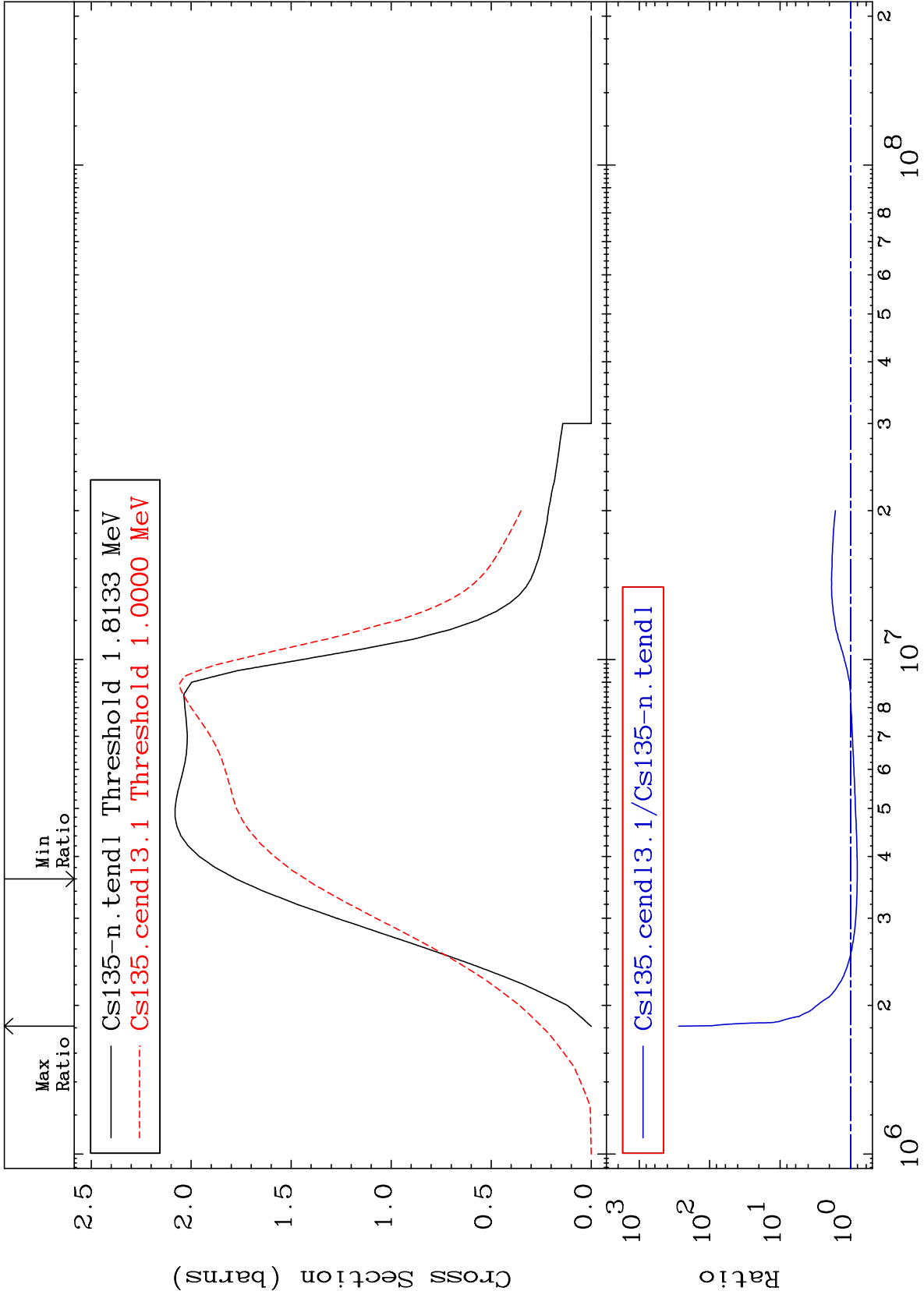
Incident Energy (eV)

55-Cs-135

MAT 5531

(n, n') Continuum
Cross Section

55-Cs-135
-19.56 To 9999. %



Incident Energy (eV)

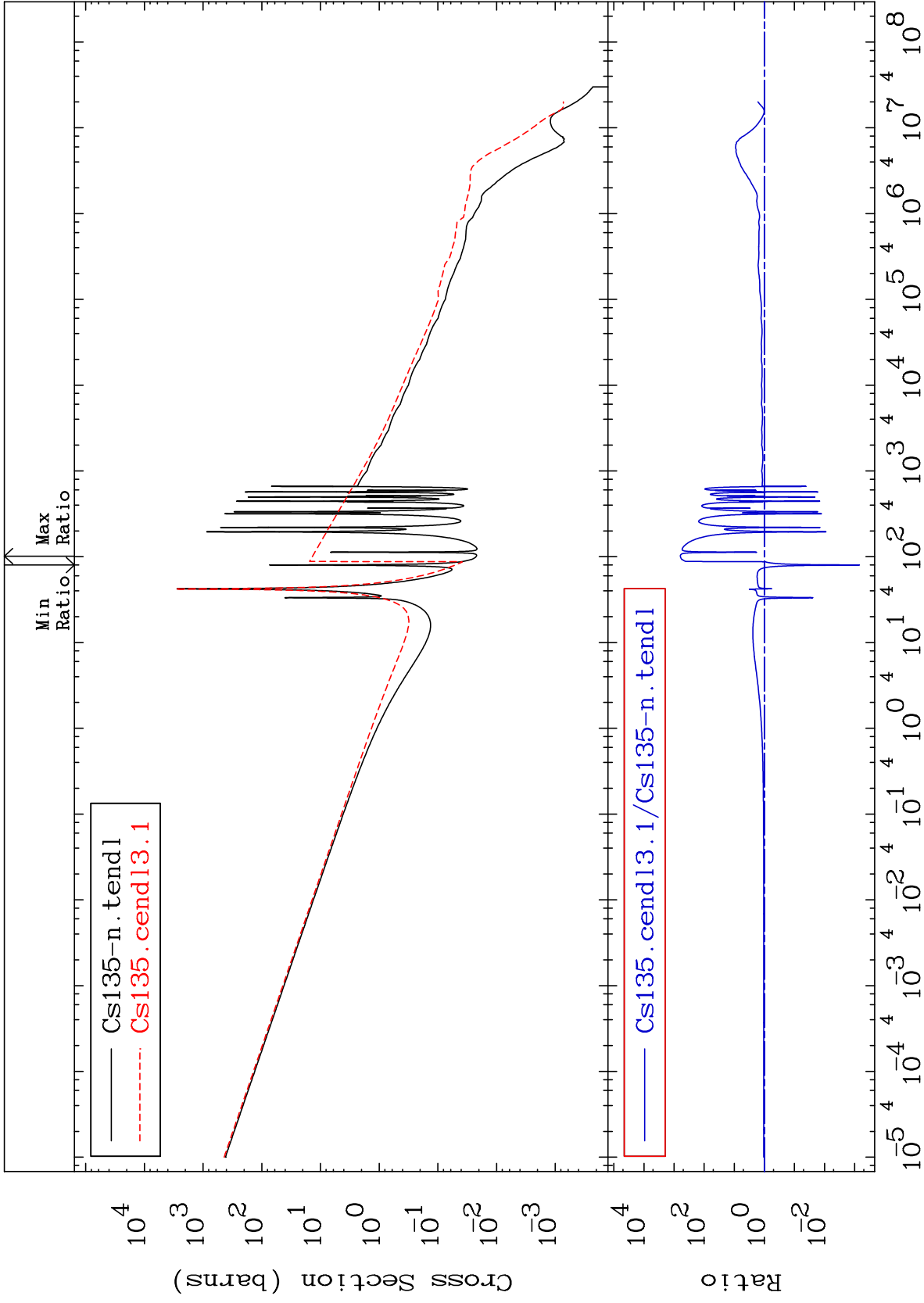
55-Cs-135

12

MAT 5531

(n, γ)
Cross Section

55-Cs-135
-99.93 To 9999. %



13

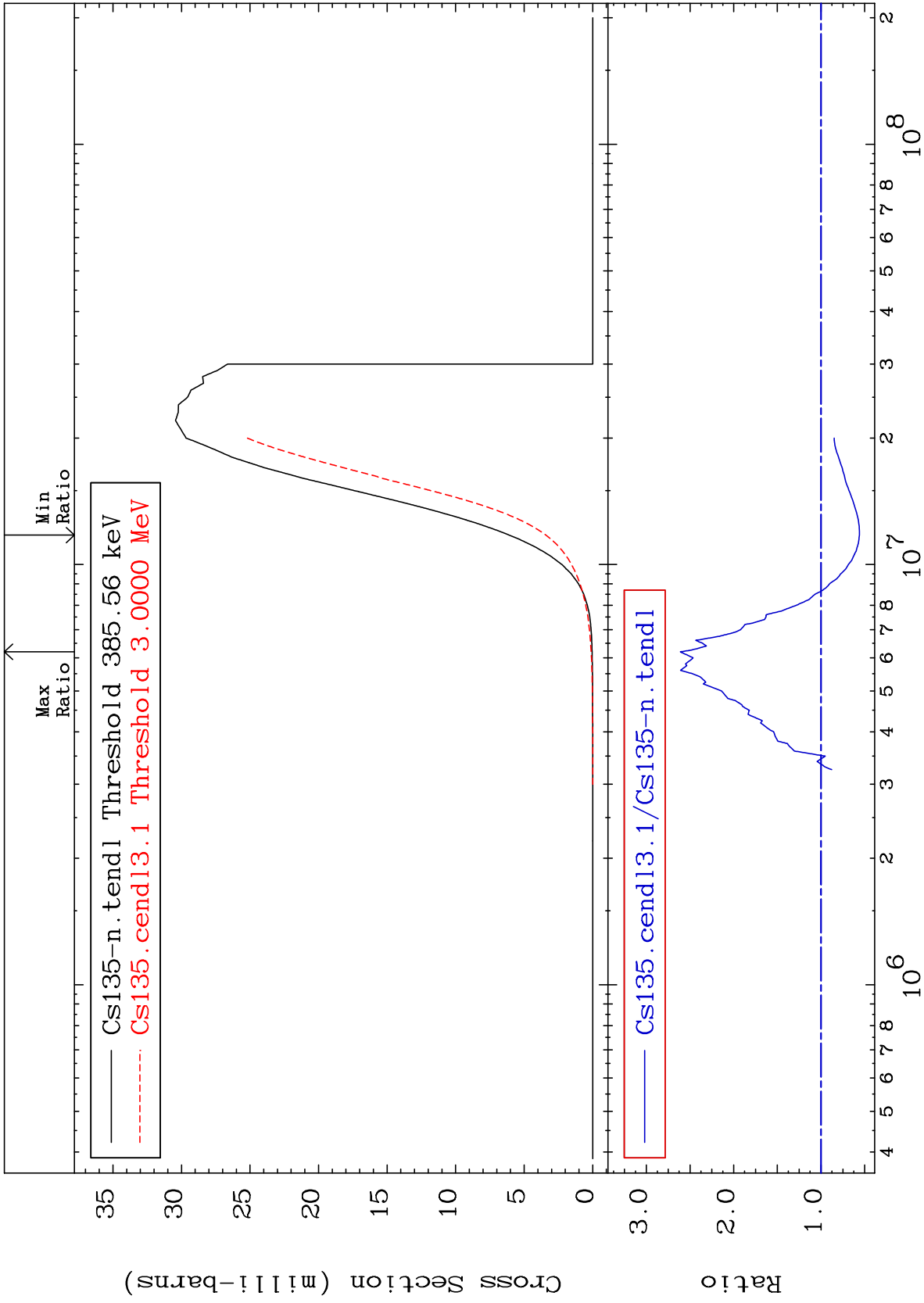
Incident Energy (eV)

55-Cs-135

MAT 5531

55-Cs-135
-43.97 To 161.1 %

(n,p)
Cross Section



14

Incident Energy (eV)

55-Cs-135

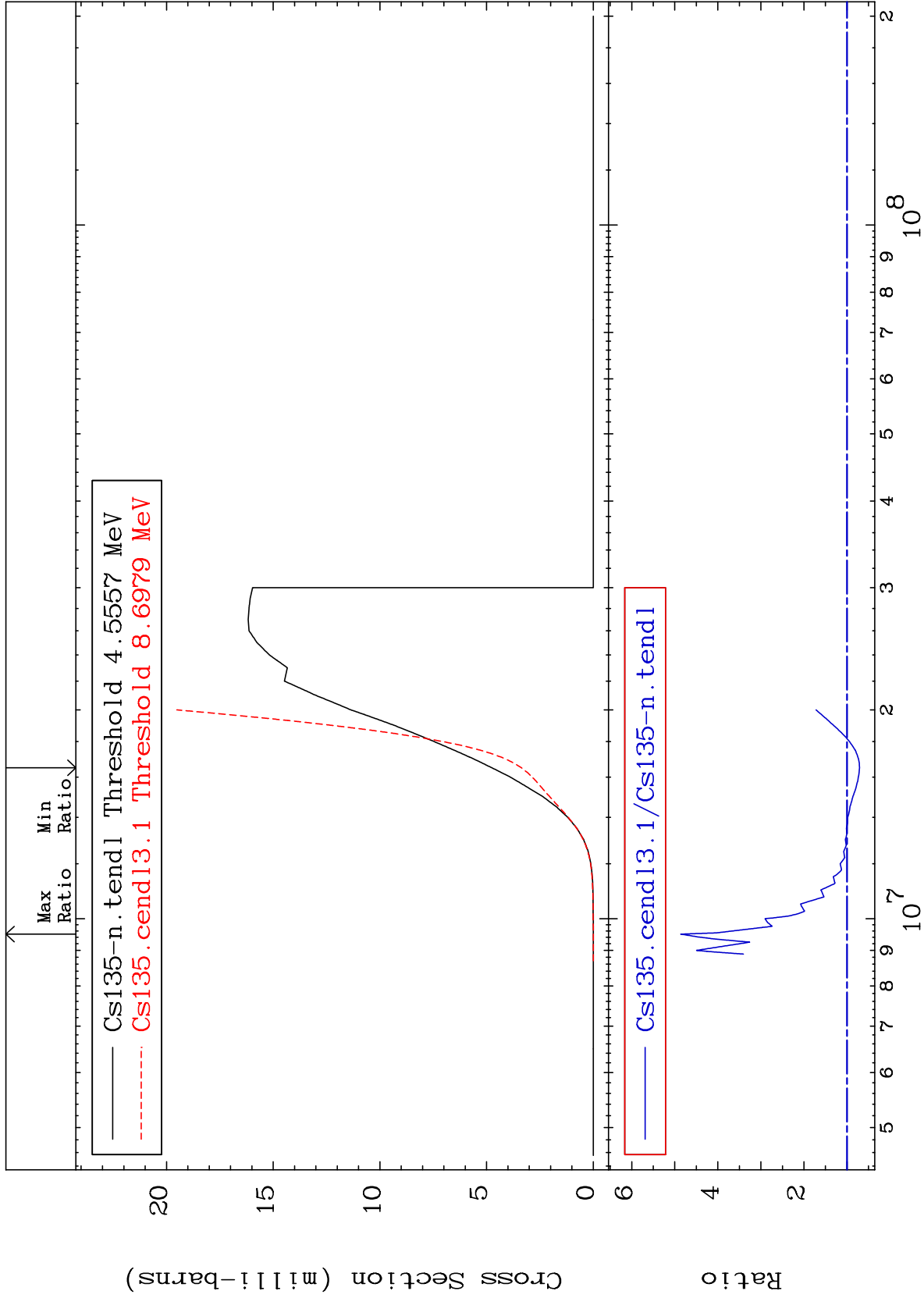
MAT 5531

(n, d)

55-Cs-135

Cross Section

-29.14 To 386.1 %



15

Incident Energy (eV)

55-Cs-135

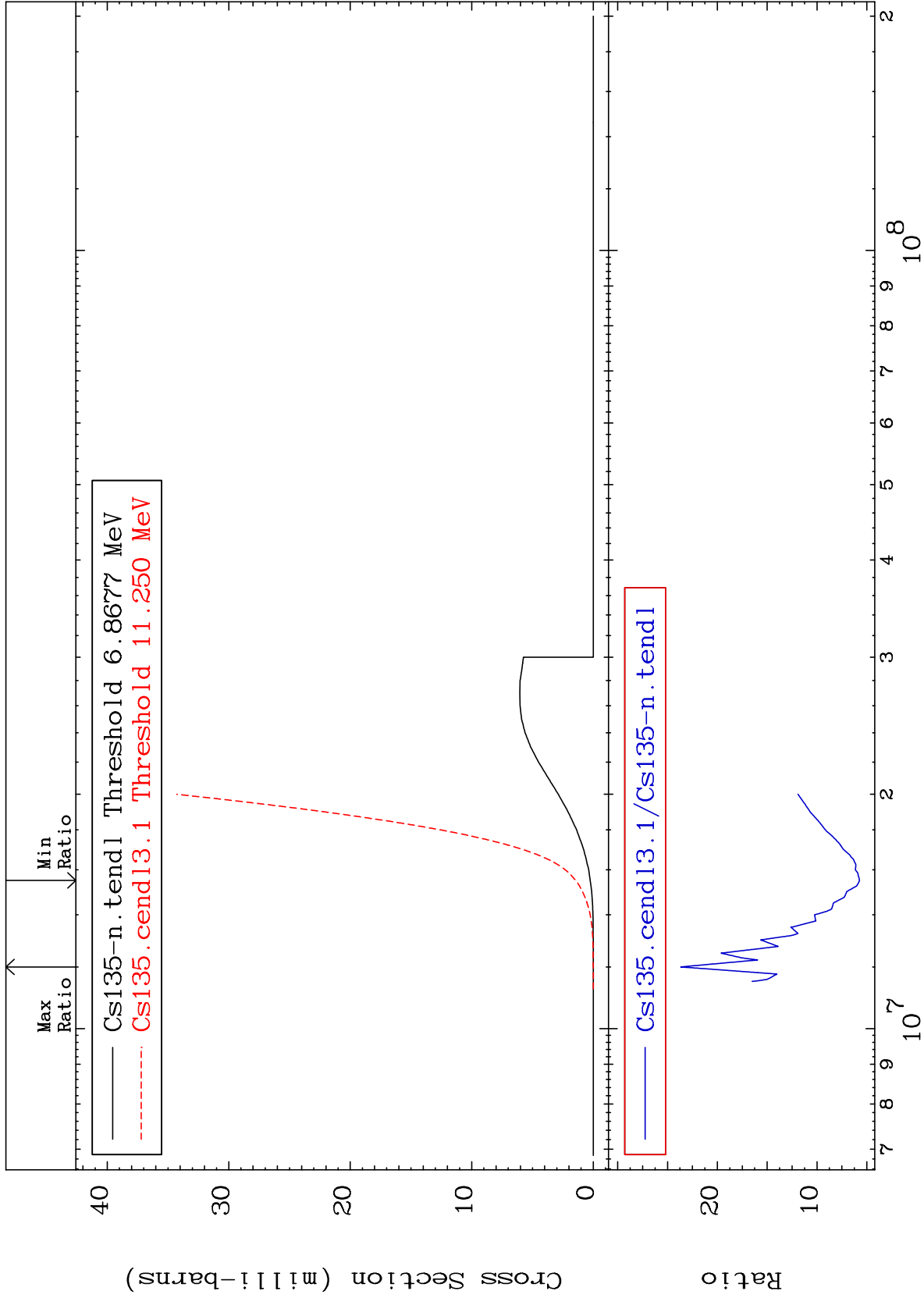
MAT 5531

(n, t)

55-Cs-135

Cross Section

472.8 To 2267. %



16

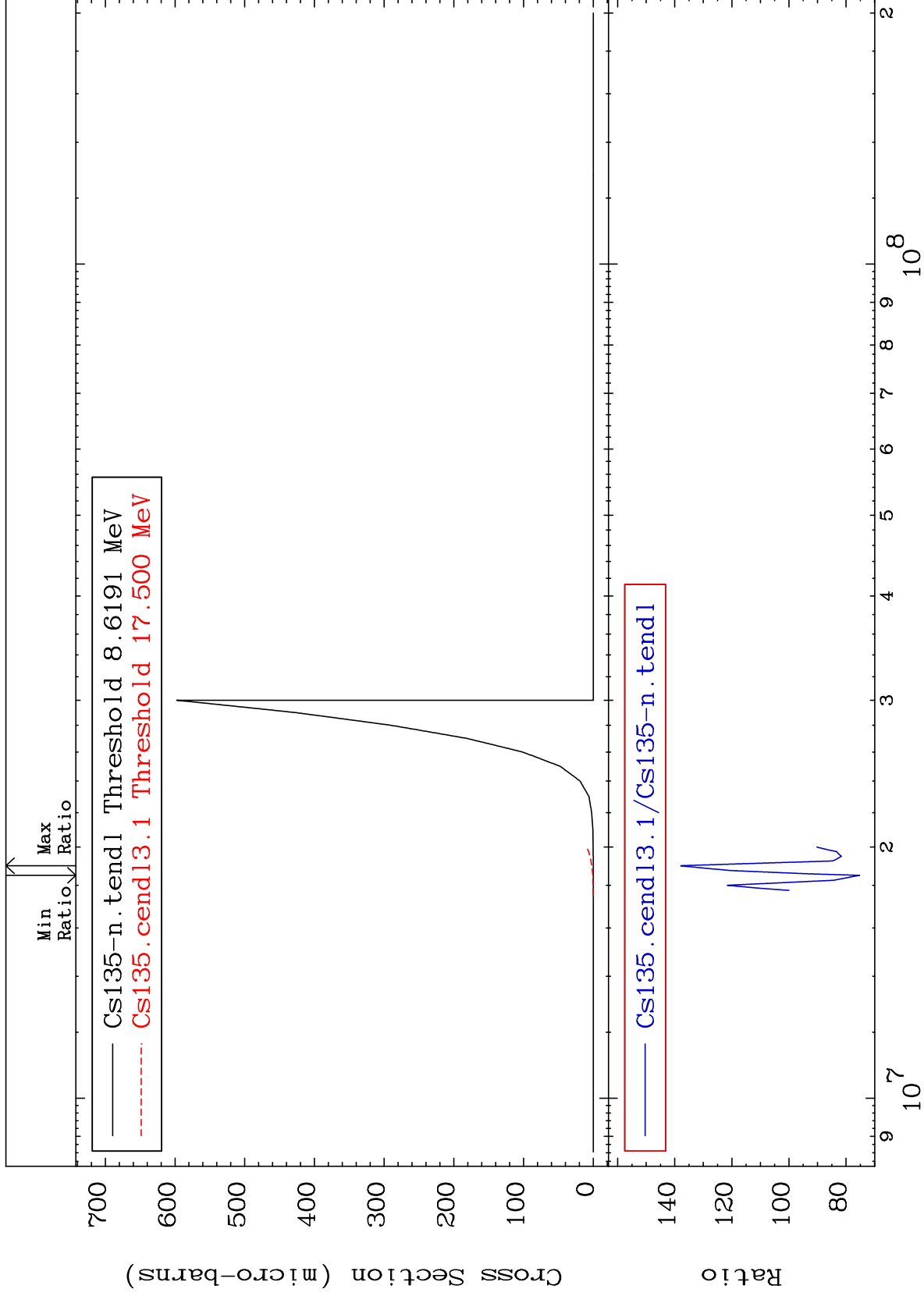
Incident Energy (eV)

55-Cs-135

MAT 5531

(n, He-3)
Cross Section

55-Cs-135
7427. To 9999. %



17

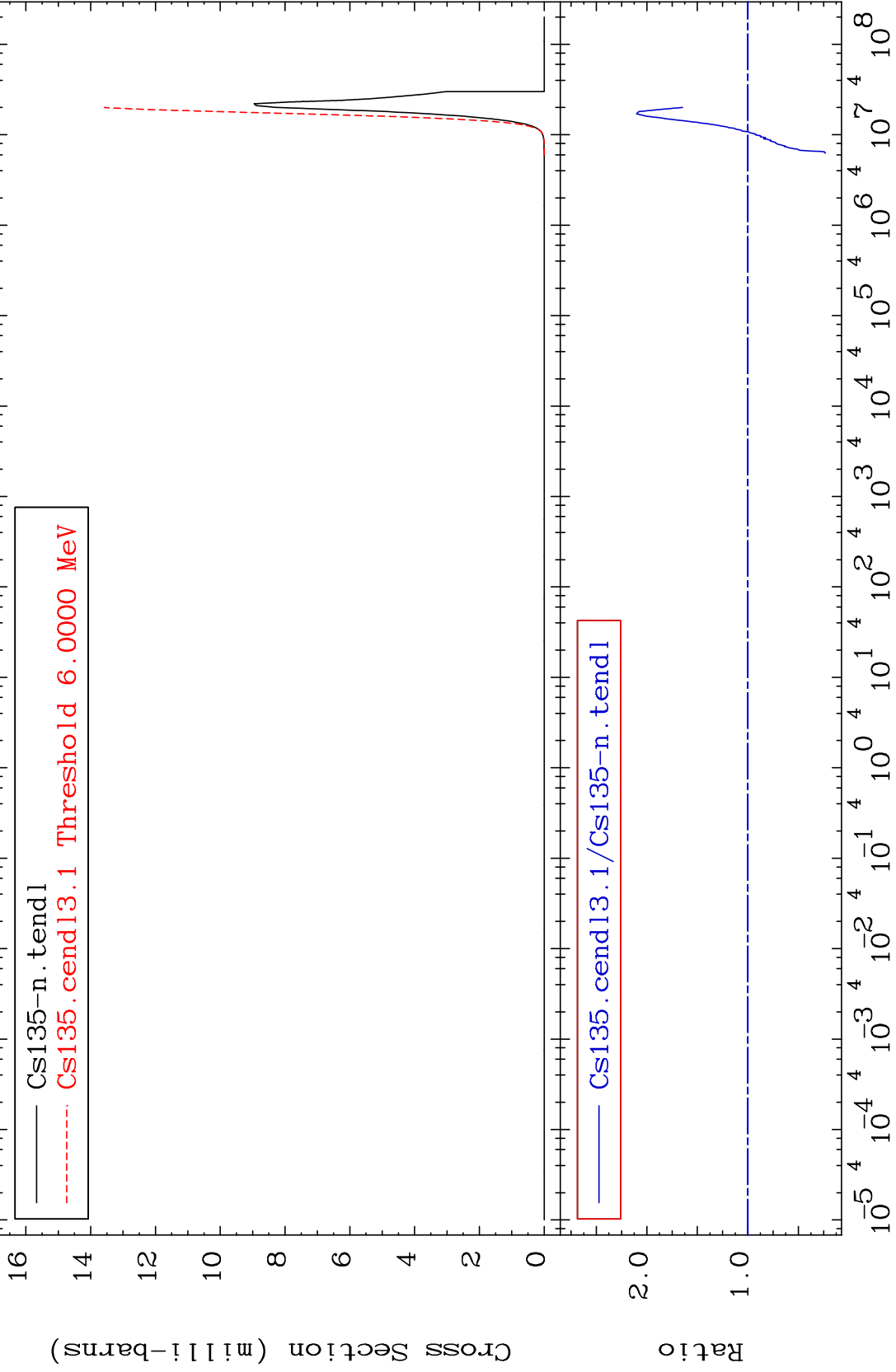
Incident Energy (eV)

55-Cs-135

MAT 5531

(n, α)
Cross Section

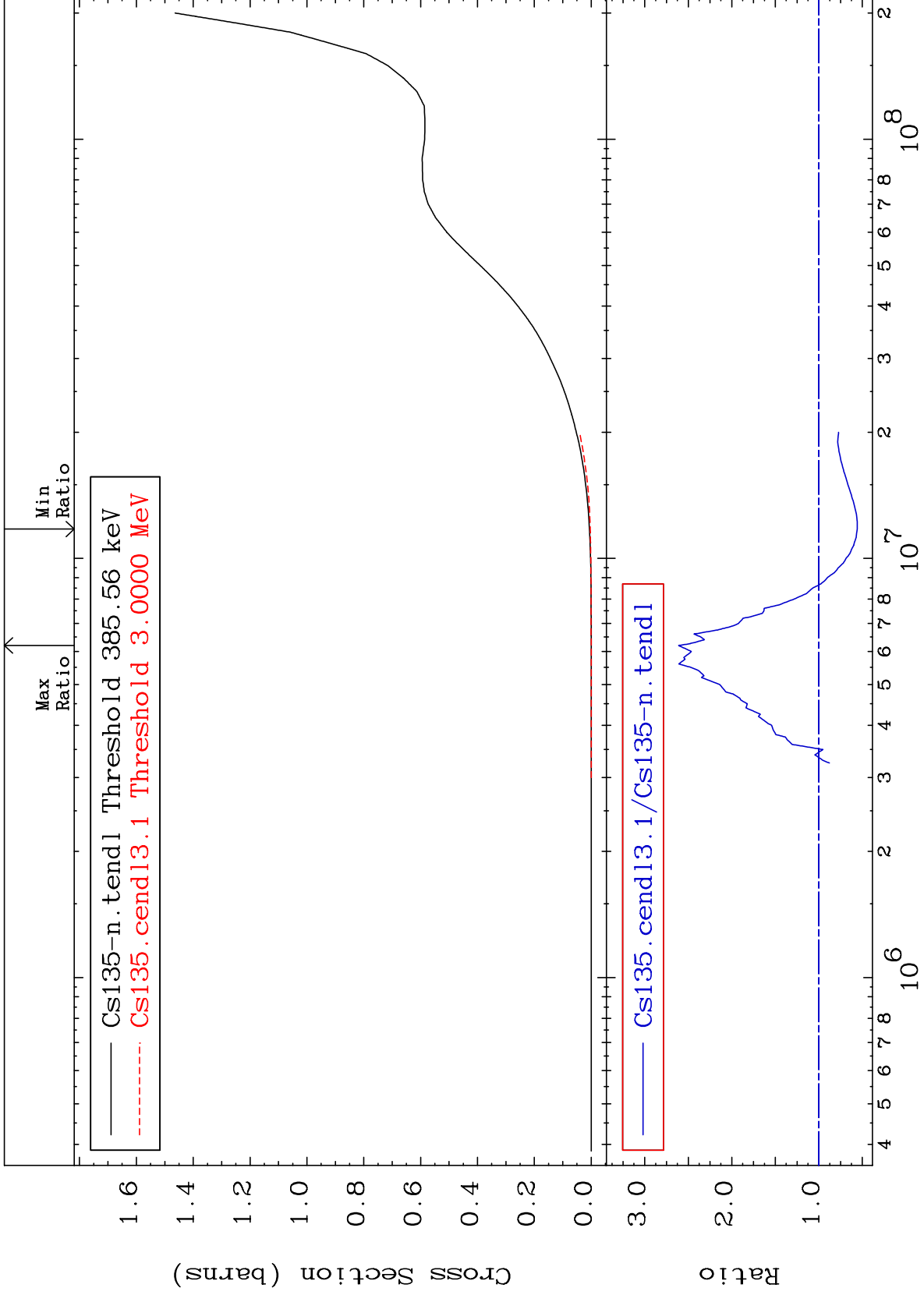
55-Cs-135
-76.84 To 110.1 %



18

Incident Energy (eV)

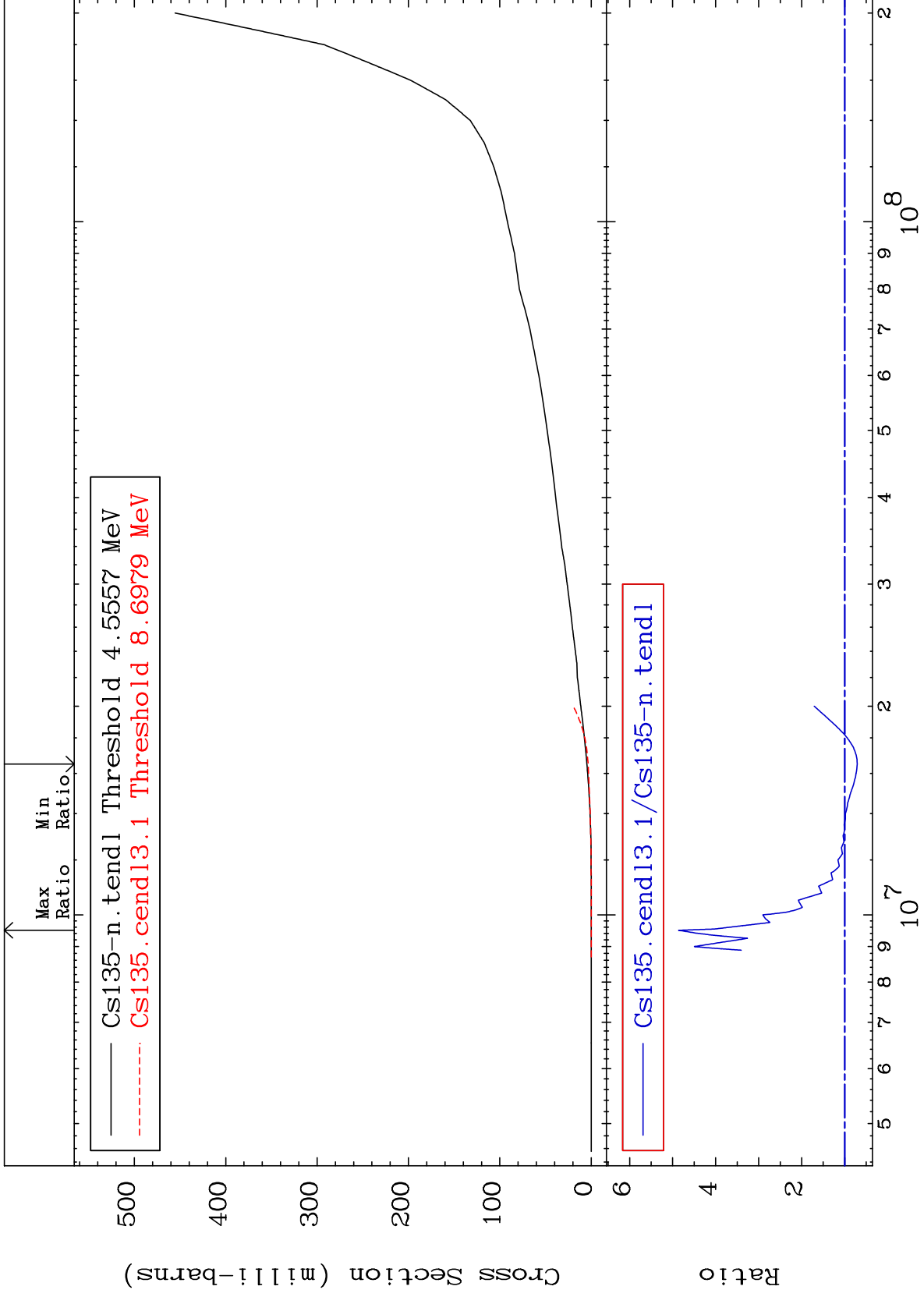
55-Cs-135



MAT 5531

Deuterium Production
Cross Section

55-Cs-135
-29.14 To 386.1 %



20

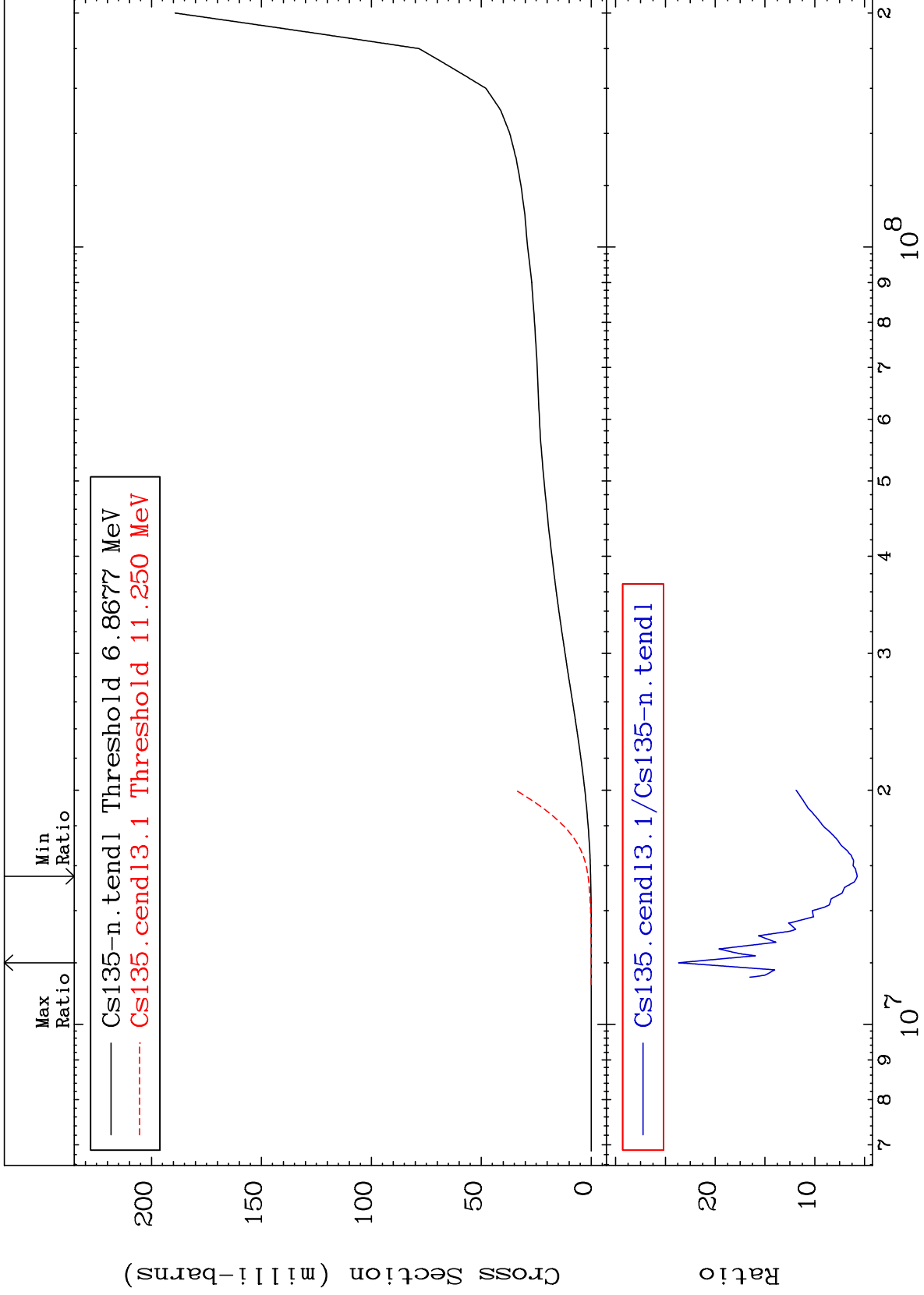
Incident Energy (eV)

55-Cs-135

MAT 5531

Tritium Production
Cross Section

55-Cs-135
472.8 To 2267. %



21

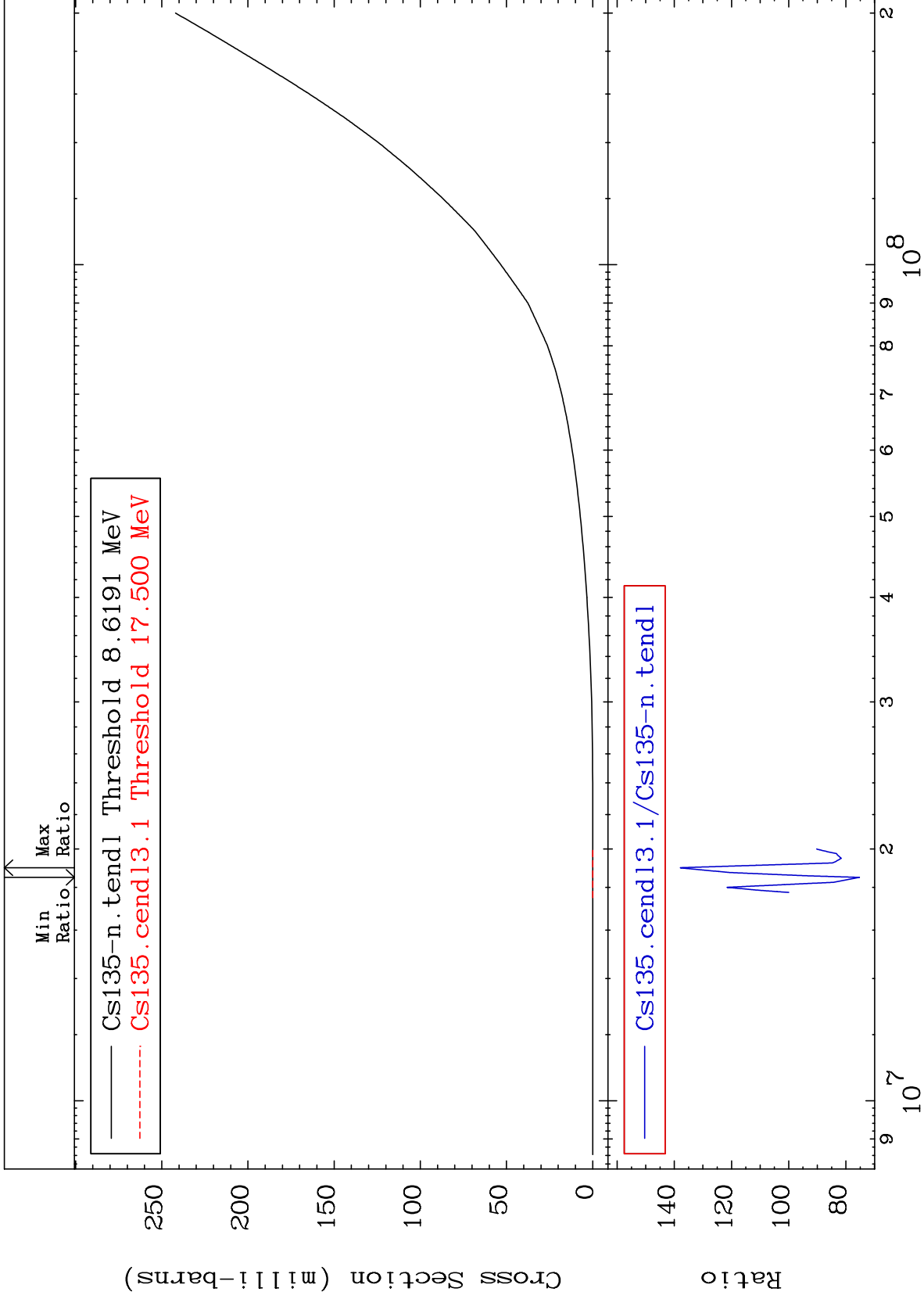
Incident Energy (eV)

55-Cs-135

MAT 5531

He-3 Production
Cross Section

55-Cs-135
7427. To 9999. %



22

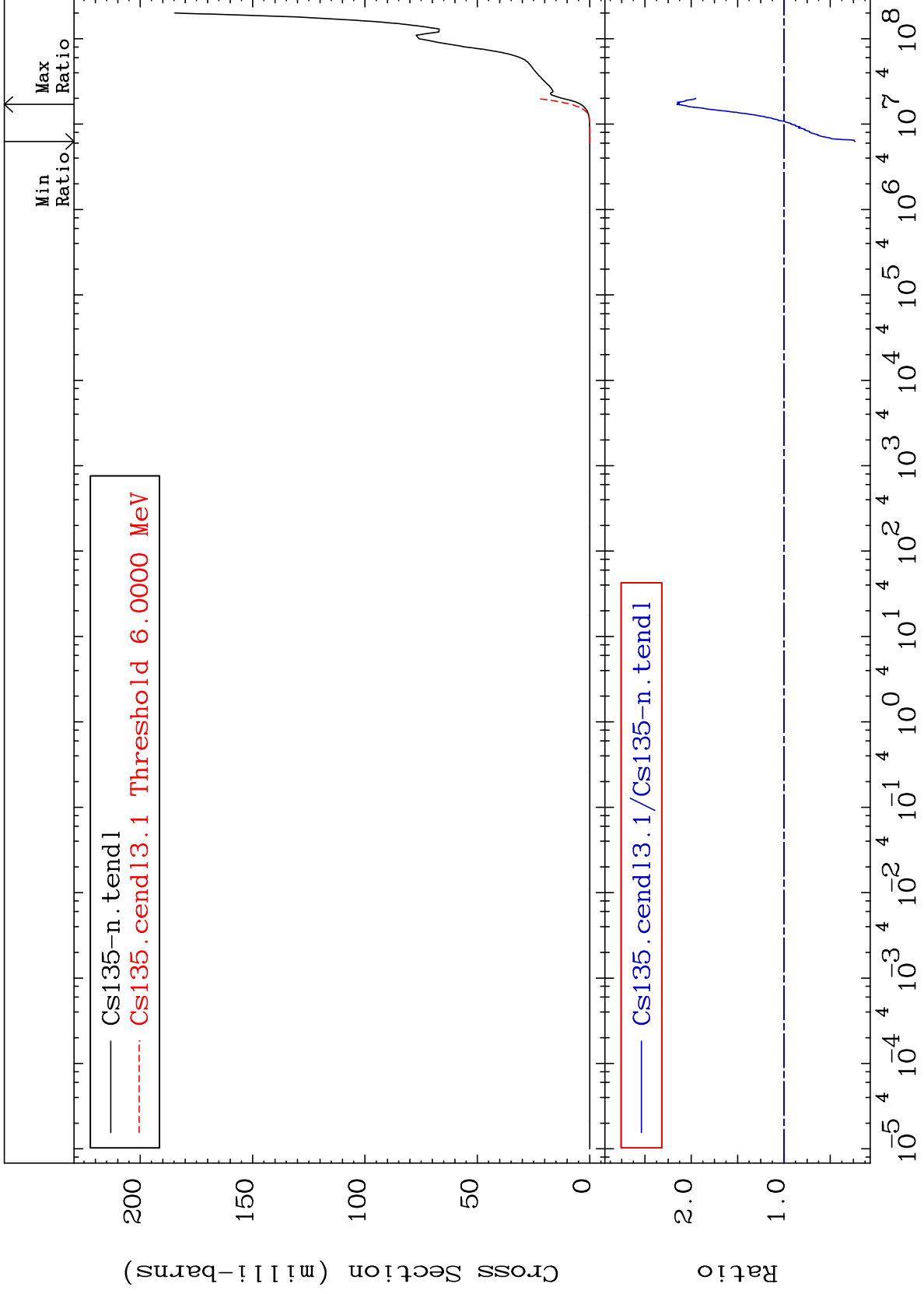
Incident Energy (eV)

55-Cs-135

MAT 5531

He-4 Production
Cross Section

55-Cs-135
-76.84 To 115.5 %



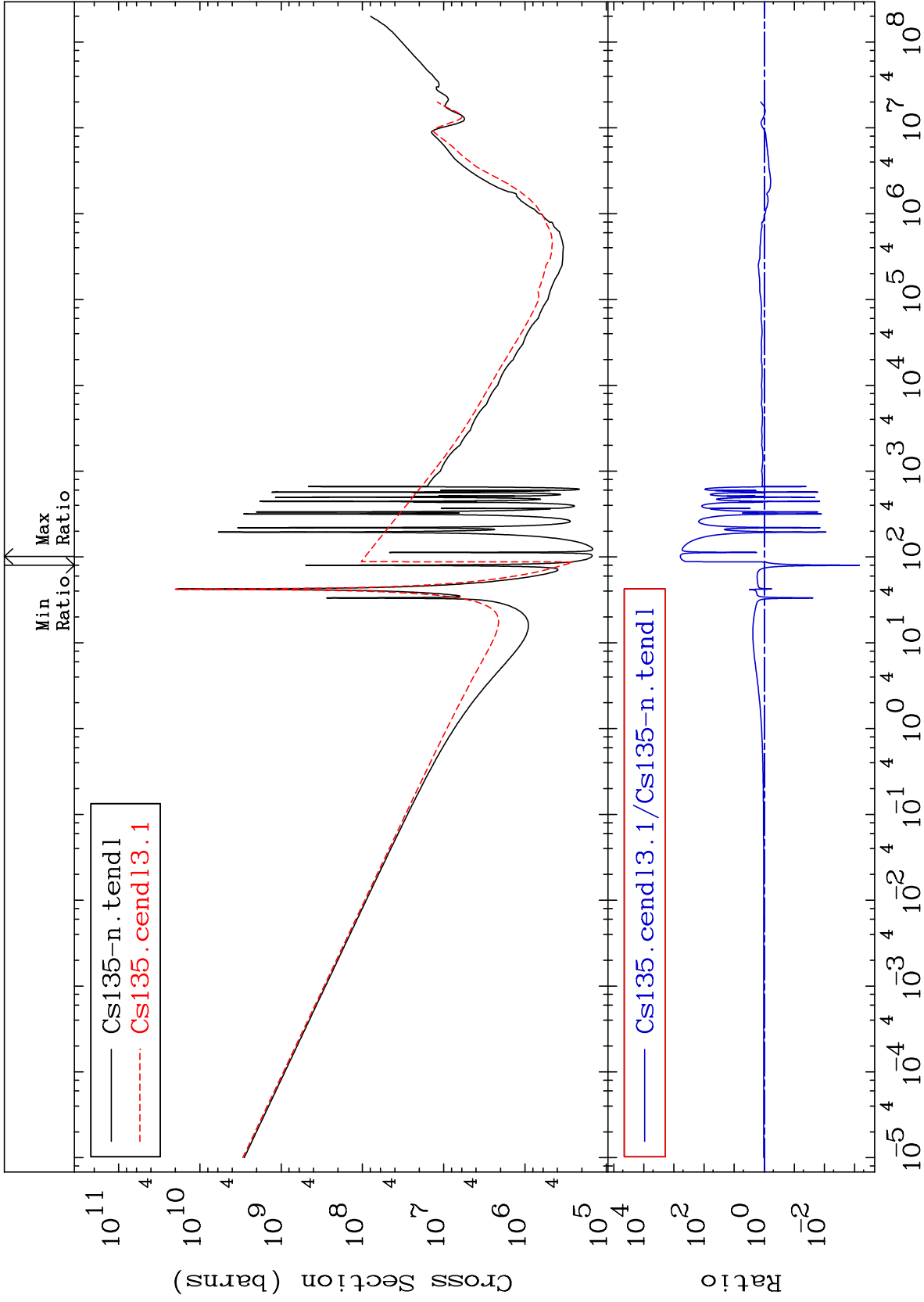
MAT 5531

Kerma total (eV-barns)

55-Cs-135

Cross Section

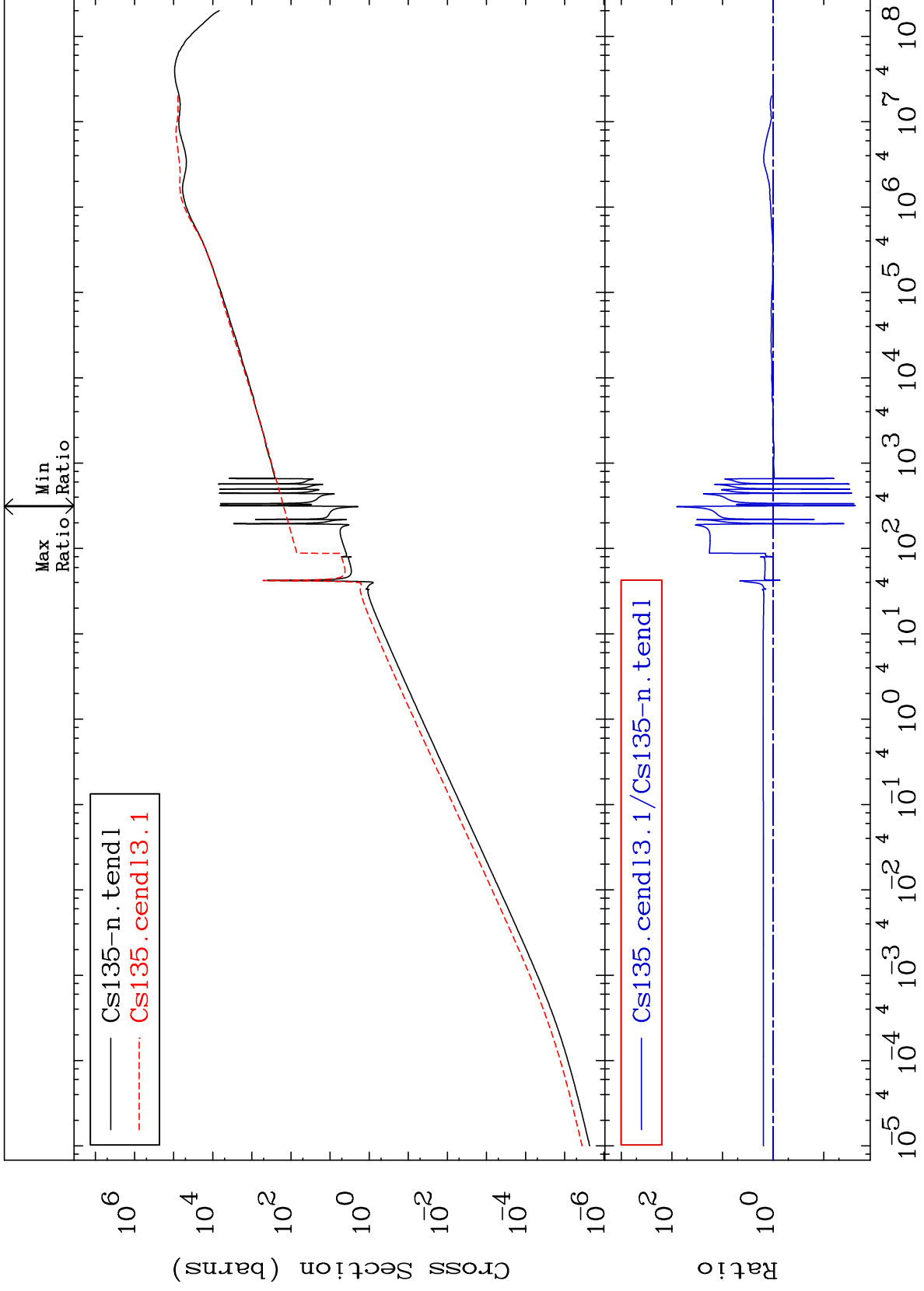
-99.93 To 9999. %

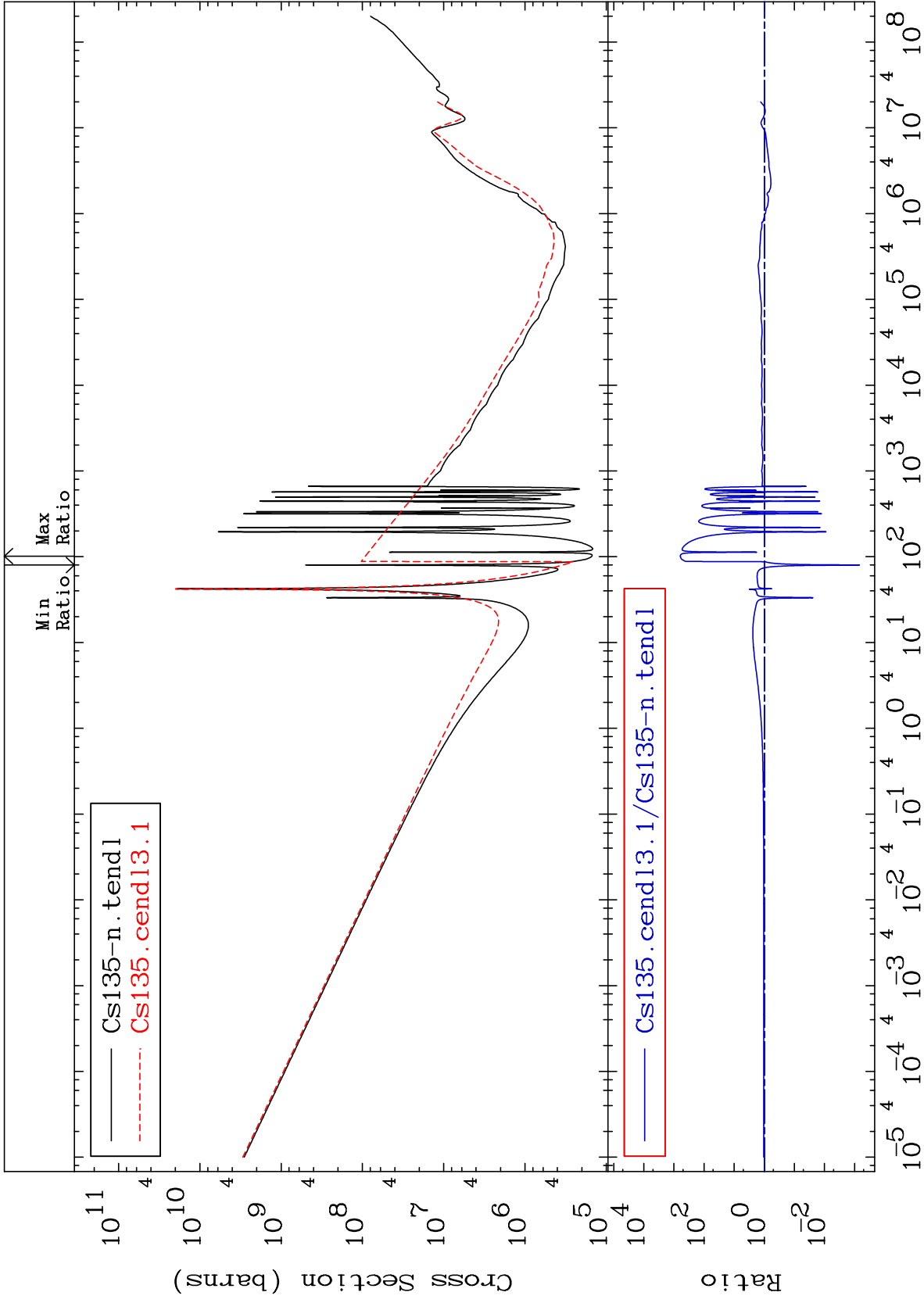


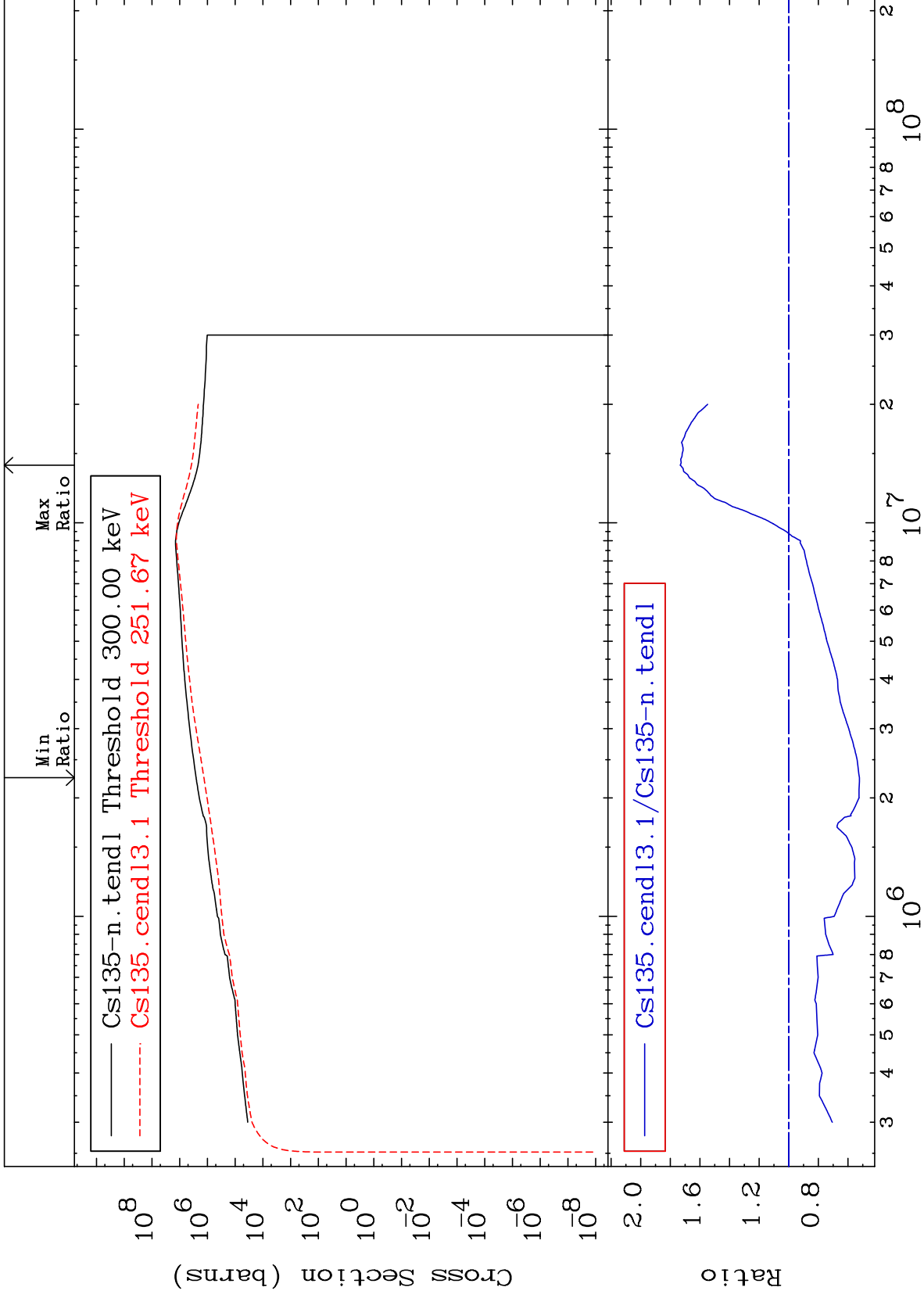
MAT 5531

Kerma elastic
Cross Section

55-Cs-135
-97.60 To 7856. %



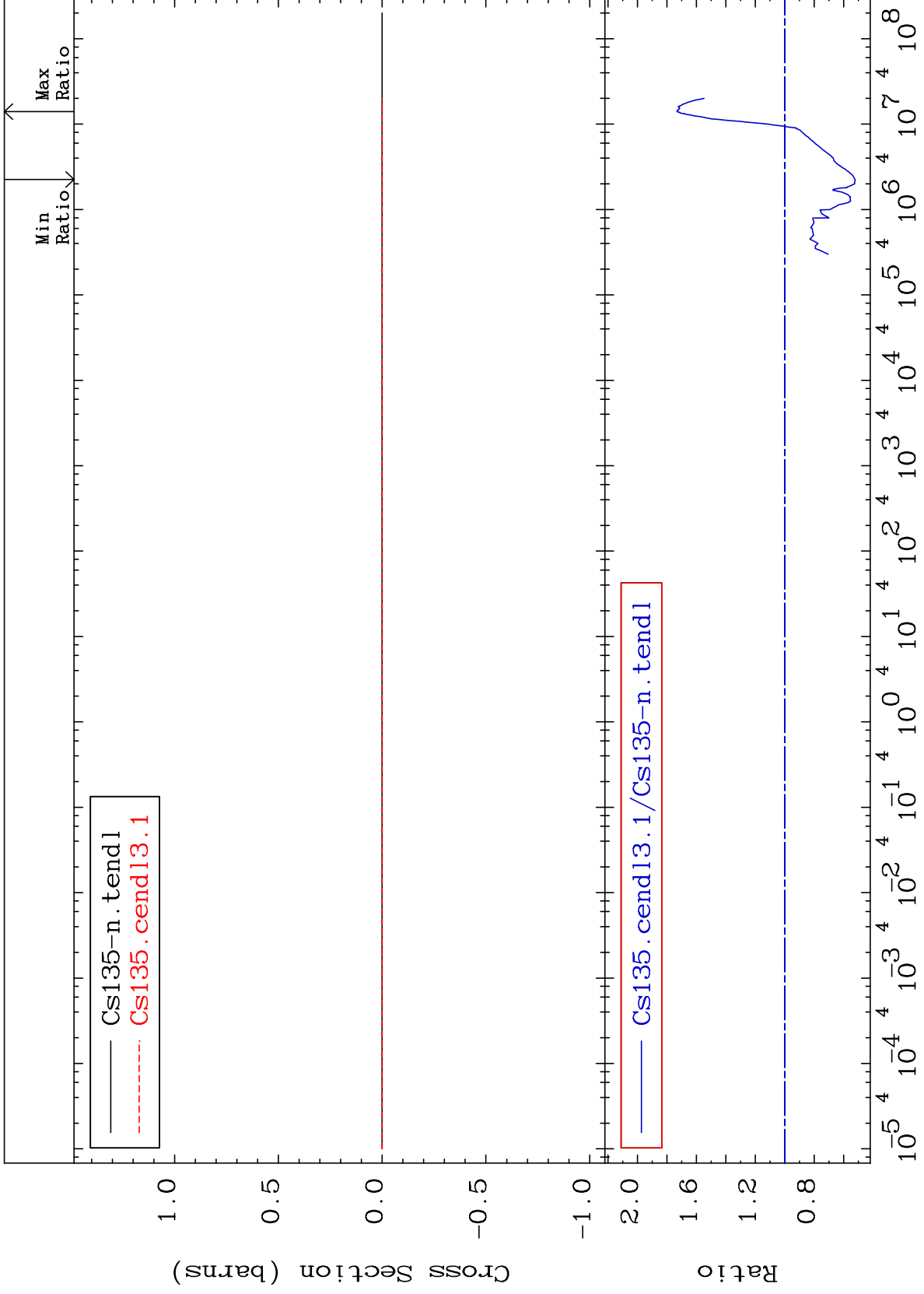




MAT 5531

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

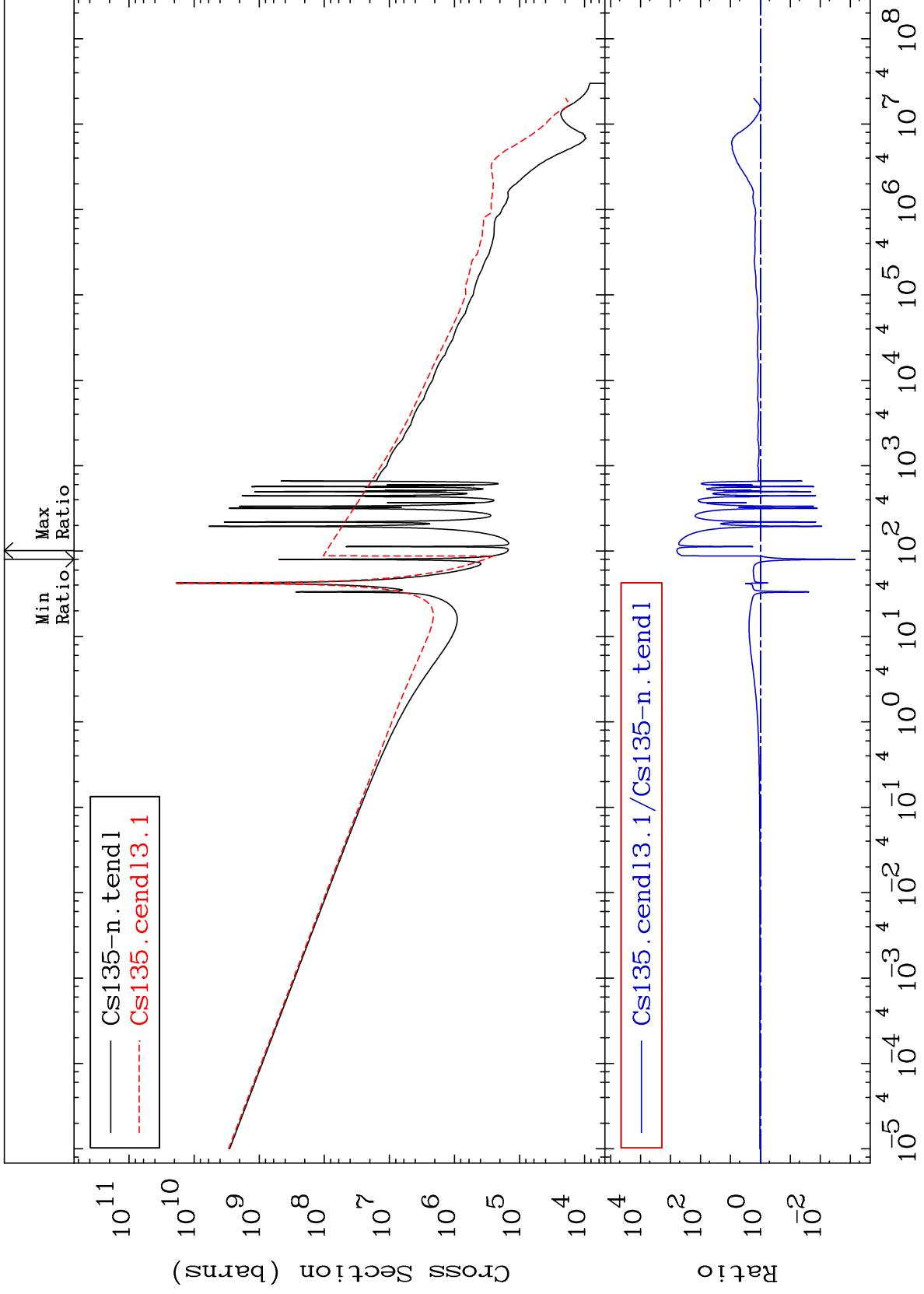
55-Cs-135
-47.79 To 73.17 %



MAT 5531

Kerma capture (mt102)
Cross Section

55-Cs-135
-99.93 To 9999. %

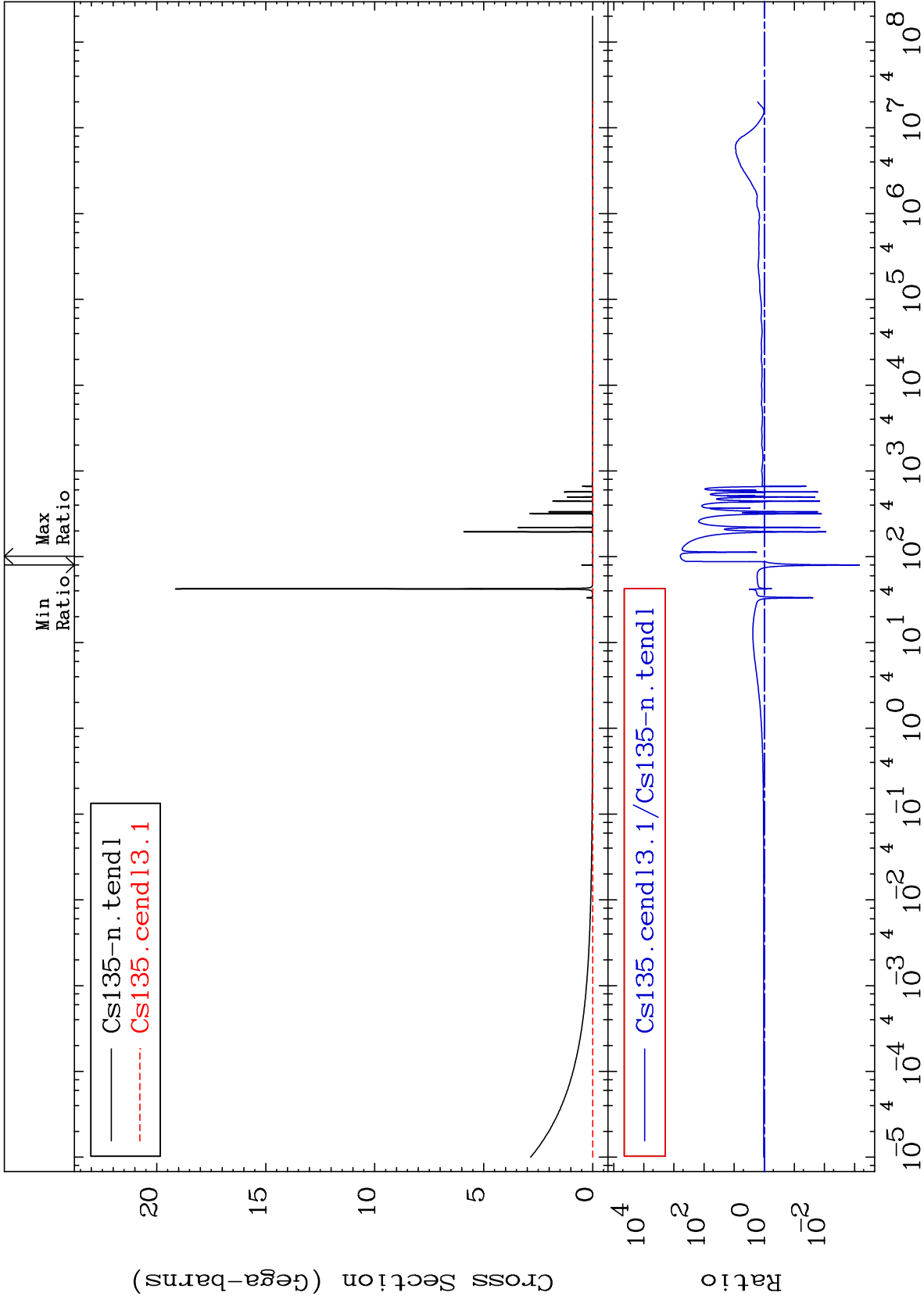


MAT 5531

Total photon (eV-barns)

55-Cs-135

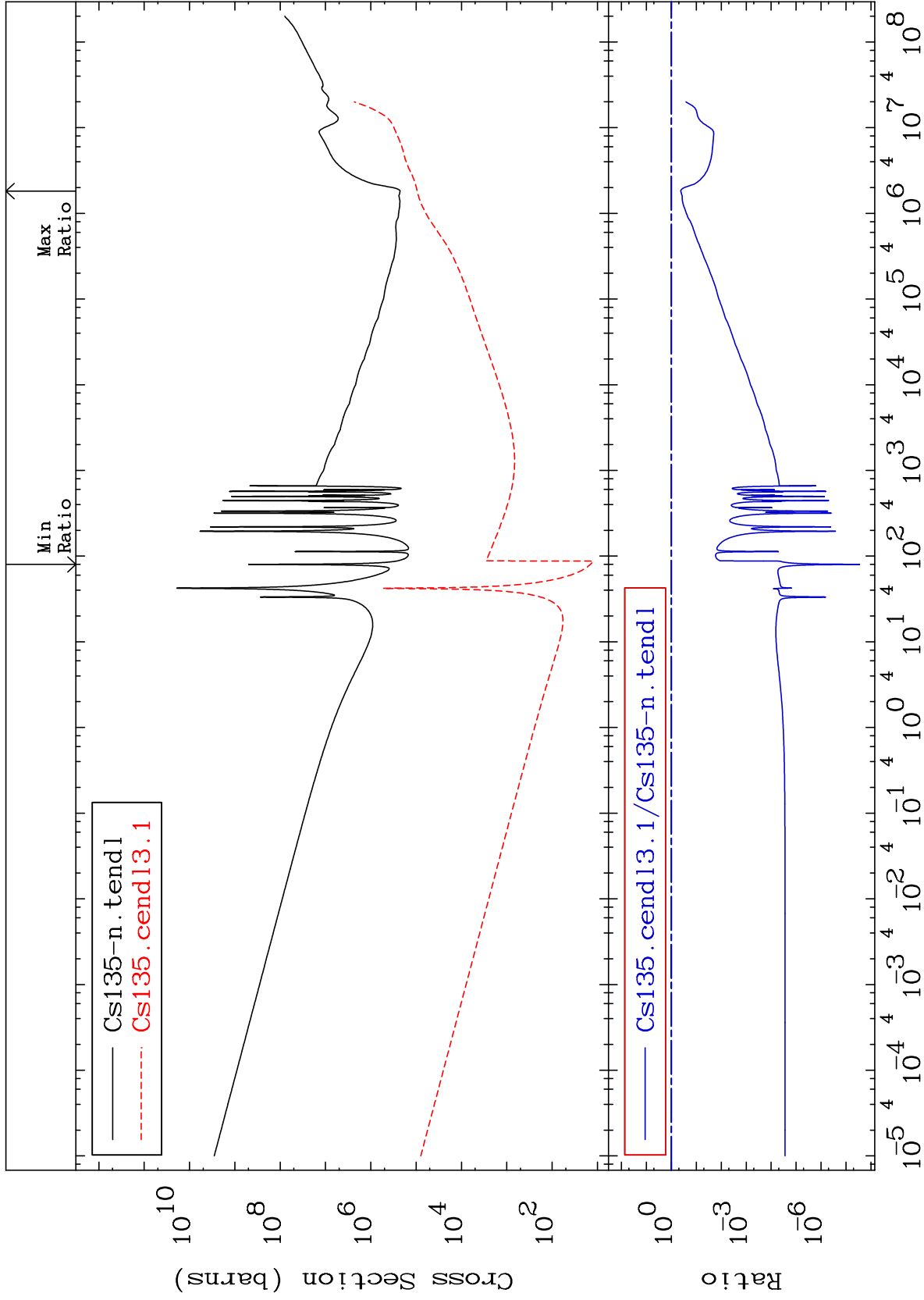
-99.93 To 9999. %



30

Incident Energy (eV)

55-Cs-135



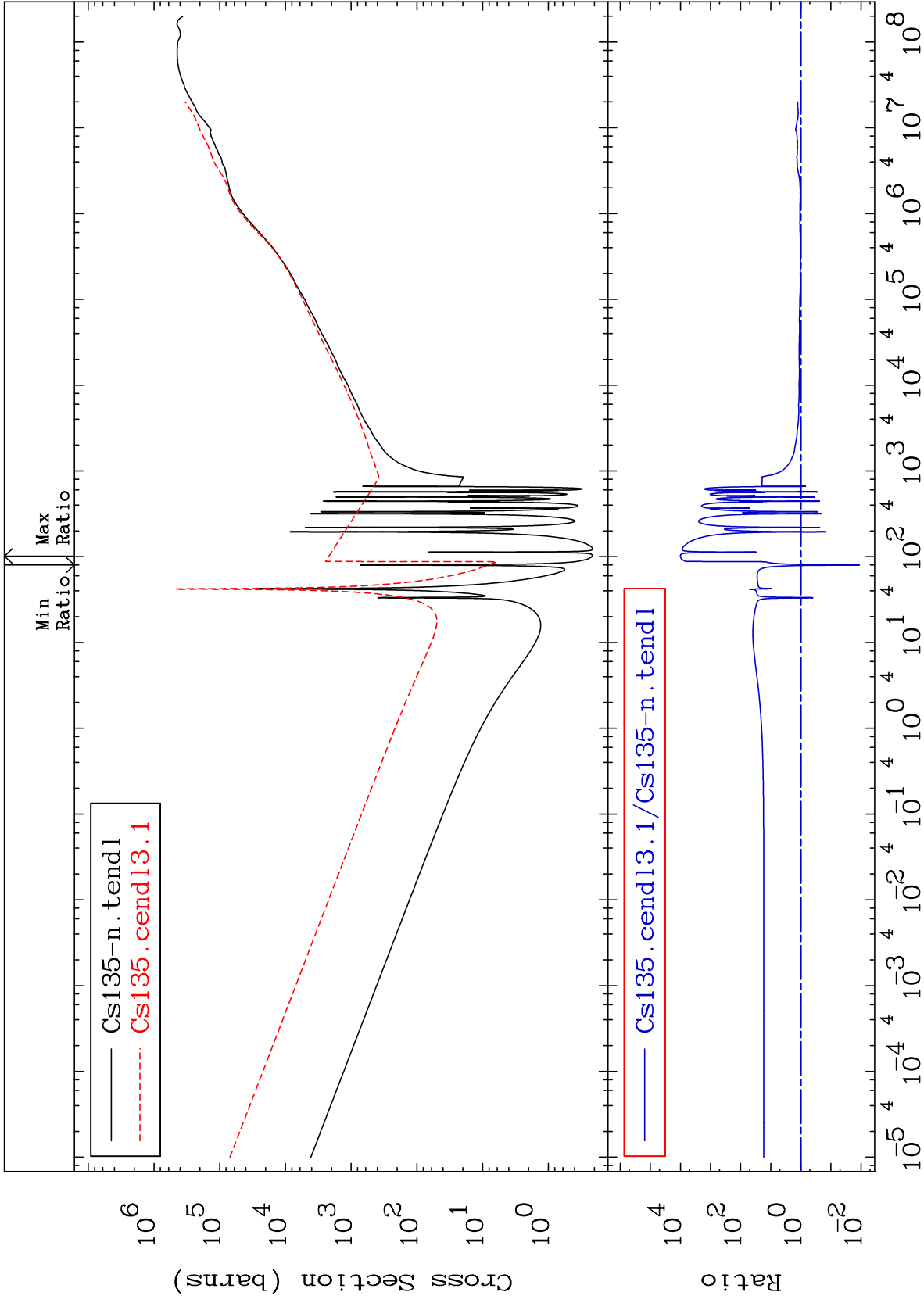
MAT 5531

Dpa total (eV-barns)

55-Cs-135

-98.87 To 9999. %

Cross Section



32

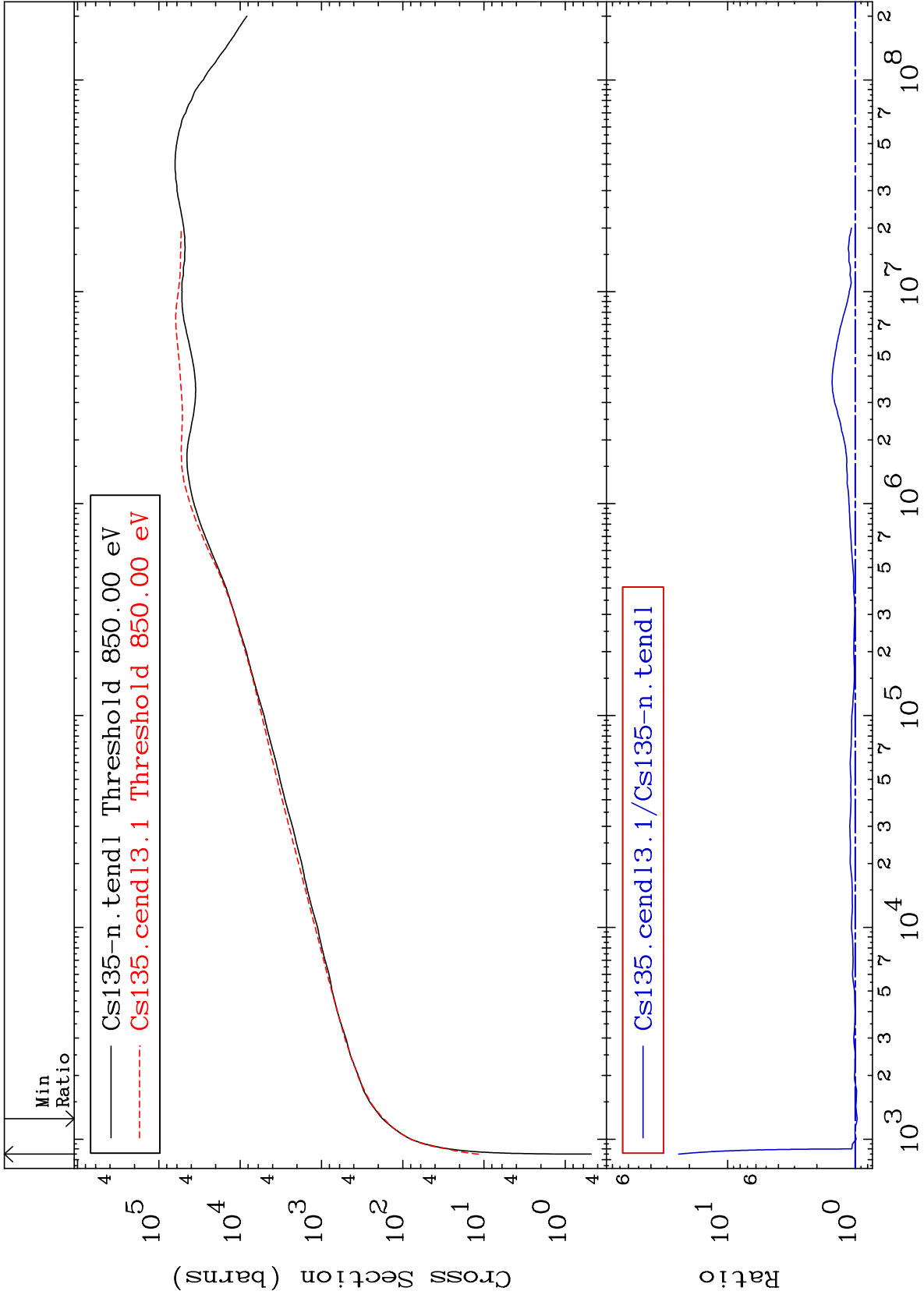
Incident Energy (eV)

55-Cs-135

MAT 5531

Dpa elastic (mt2)
Cross Section

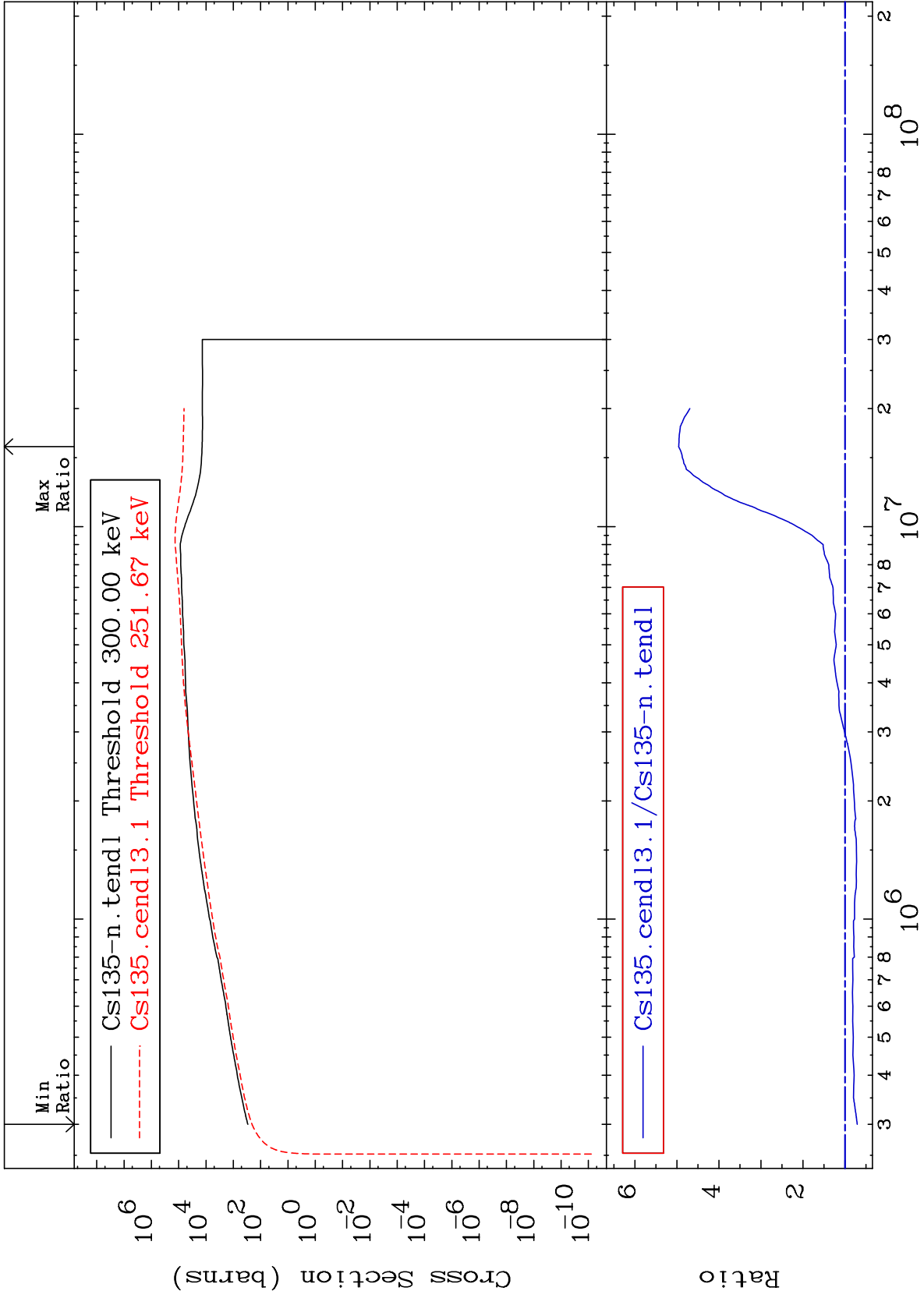
55-Cs-135
-3.584 To 2326. %



33

Incident Energy (eV)

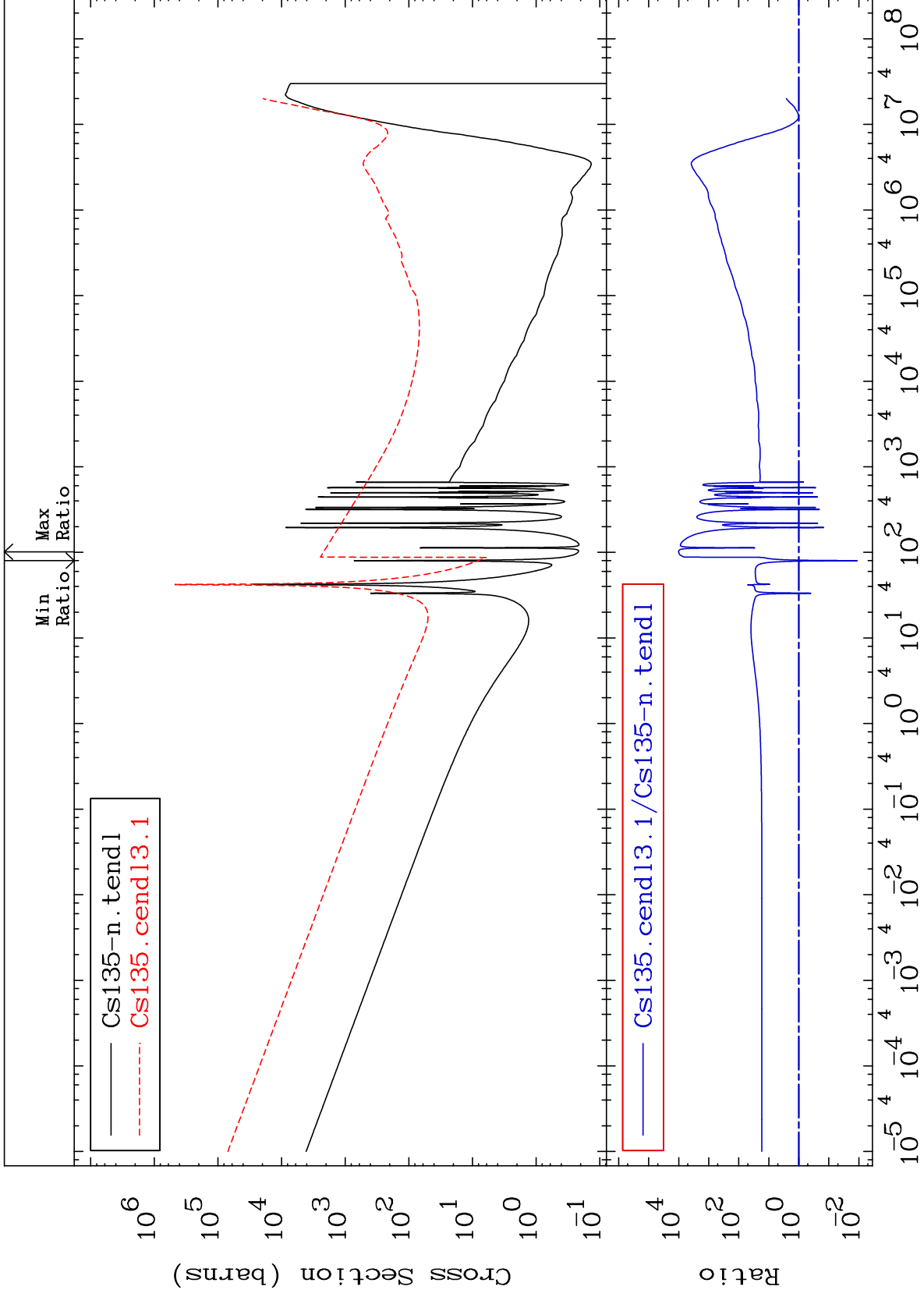
55-Cs-135



MAT 5531

Dpa disappearance (mt102 -120)
Cross Section

55-Cs-135
-98.87 To 9999. %



35

Incident Energy (eV)

55-Cs-135