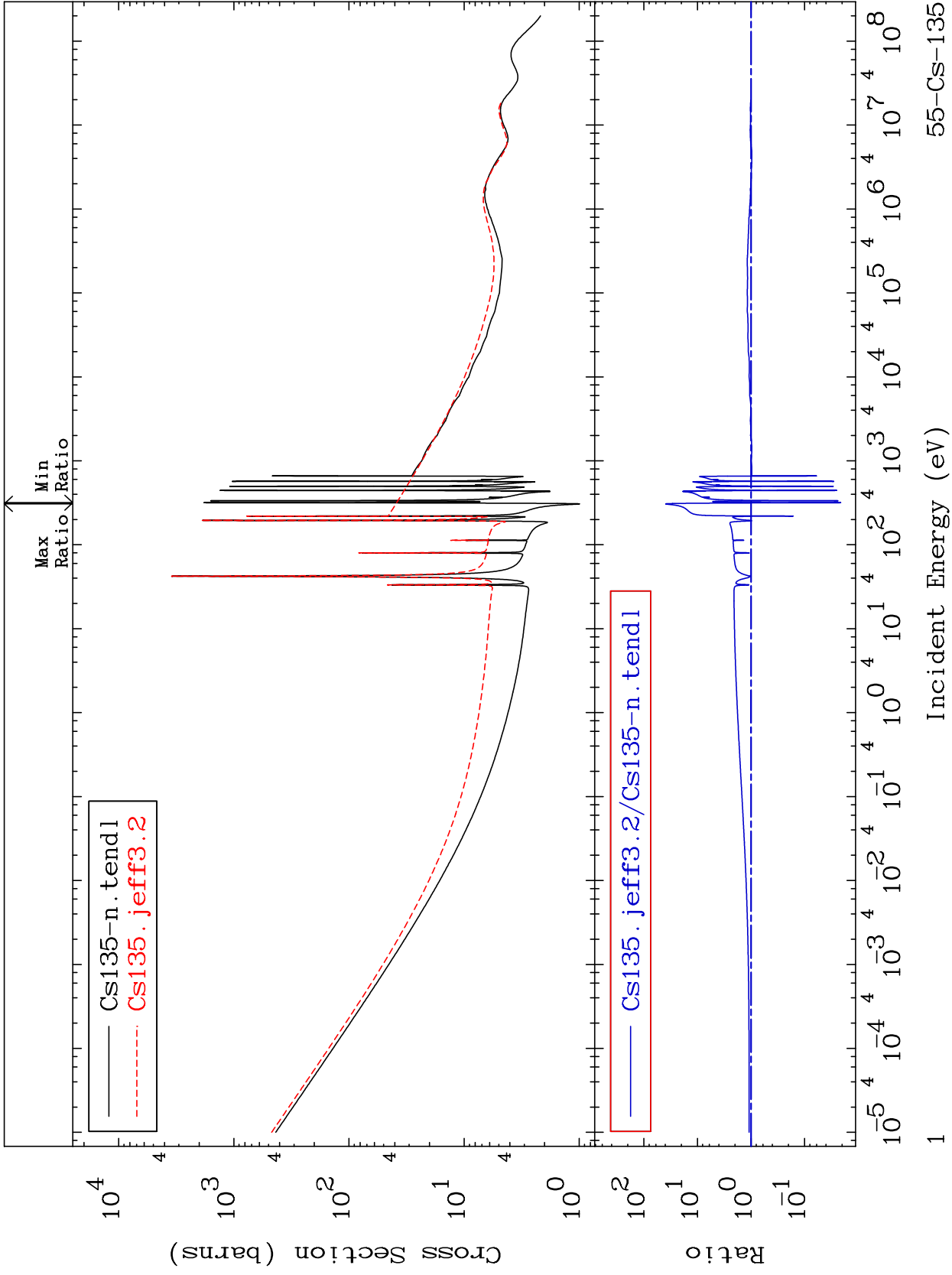


MAT 5531

Total
Cross Section

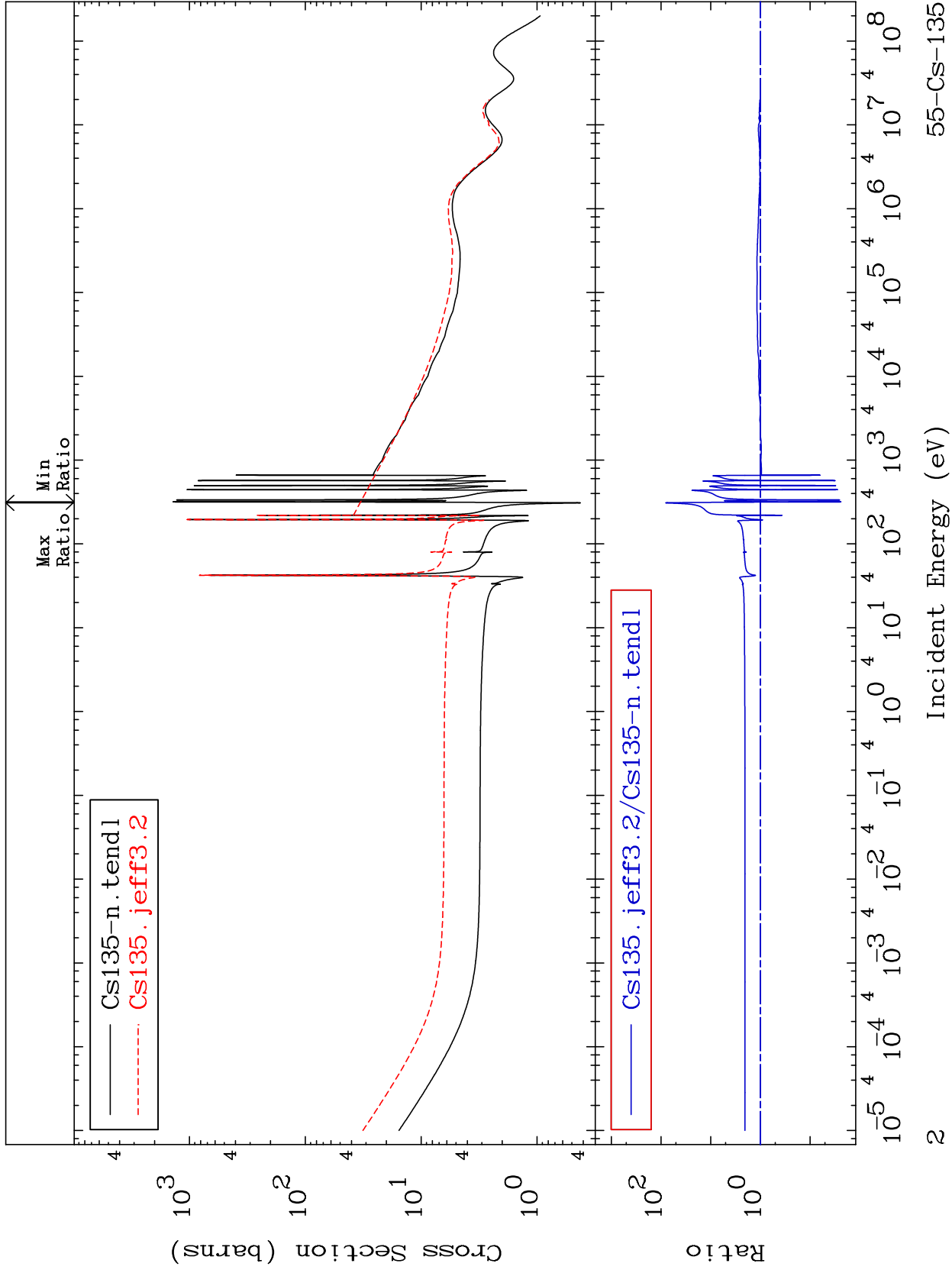
55-Cs-135
-97.87 To 3850. %



MAT 5531

Elastic
Cross Section

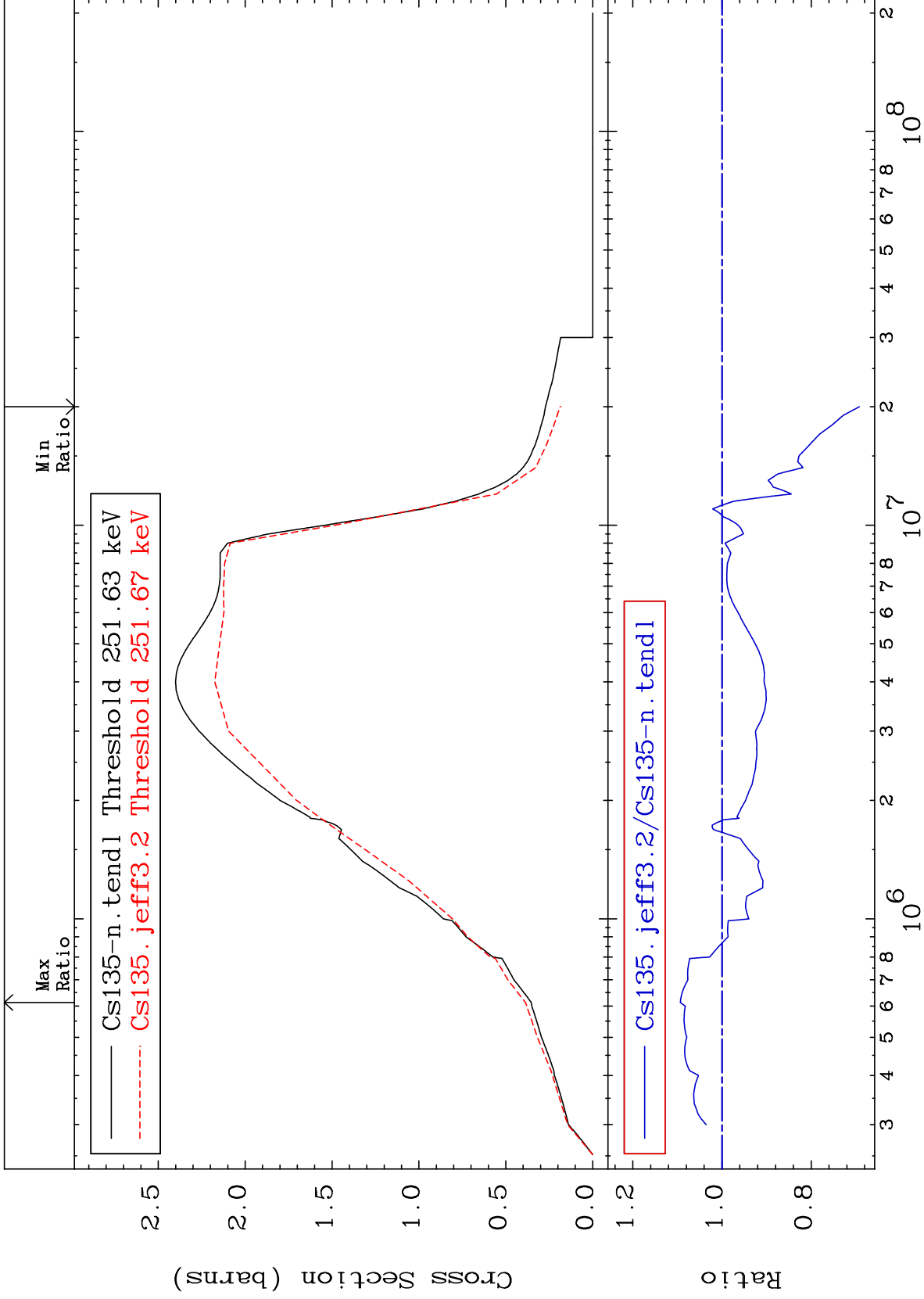
55-Cs-135
-97.60 To 7856. %



MAT 5531

Inelastic
Cross Section

55-Cs-135
-30.82 To 9.337 %



3

Incident Energy (eV)

55-Cs-135

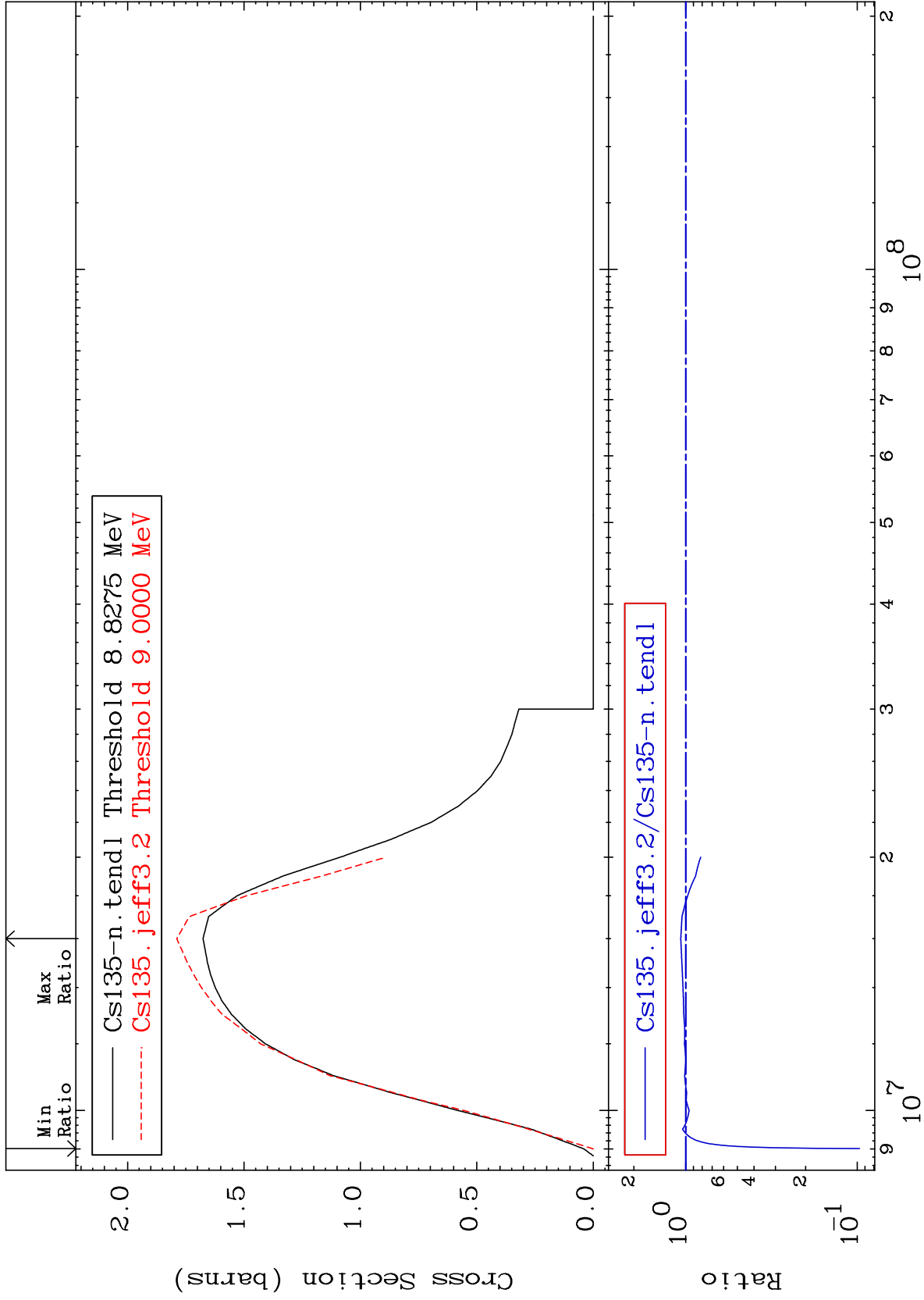
MAT 5531

(n,2n)

55-Cs-135

Cross Section

-90.31 To 6.735 %



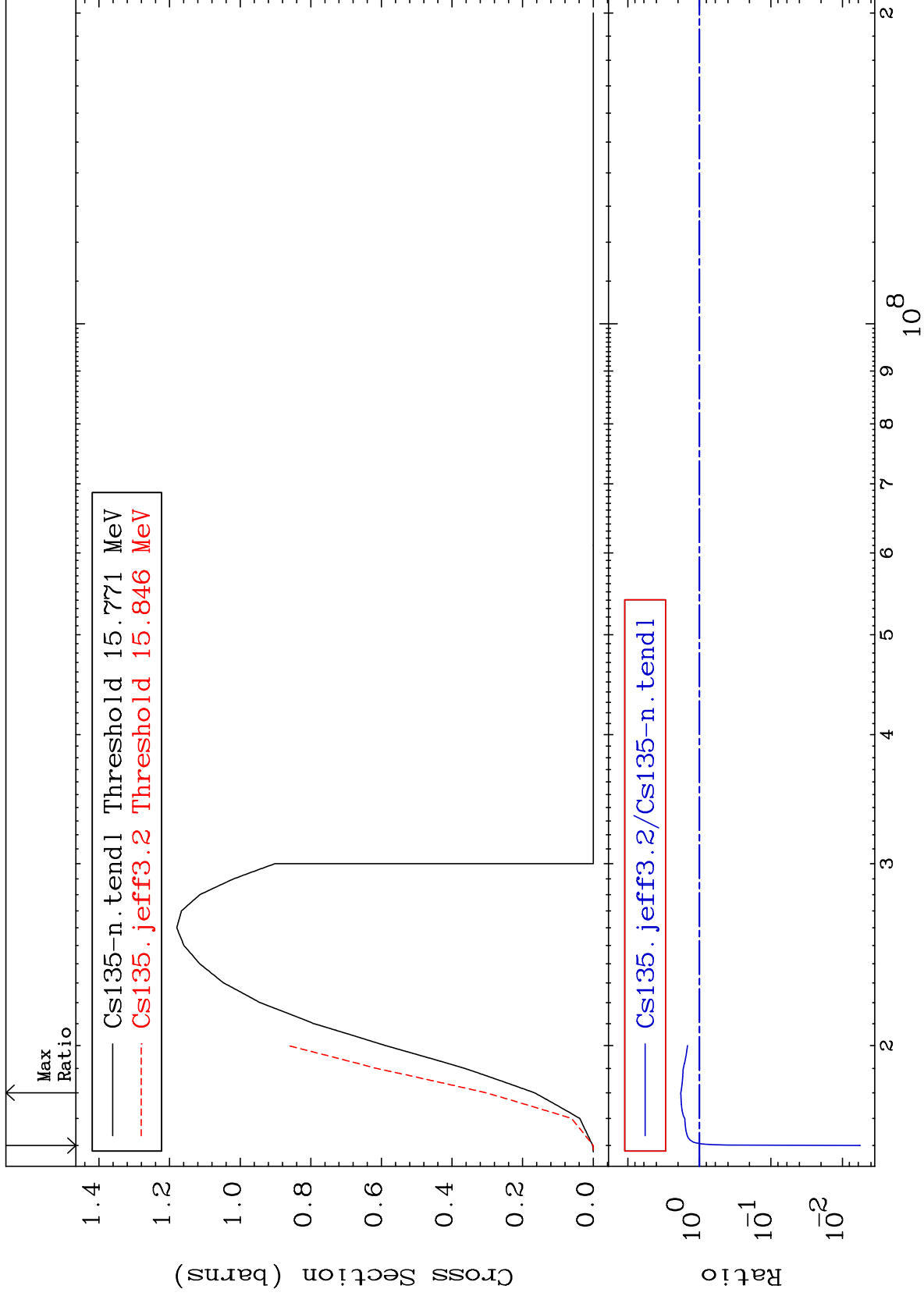
55-Cs-135

4

MAT 5531

(n,3n)
Cross Section

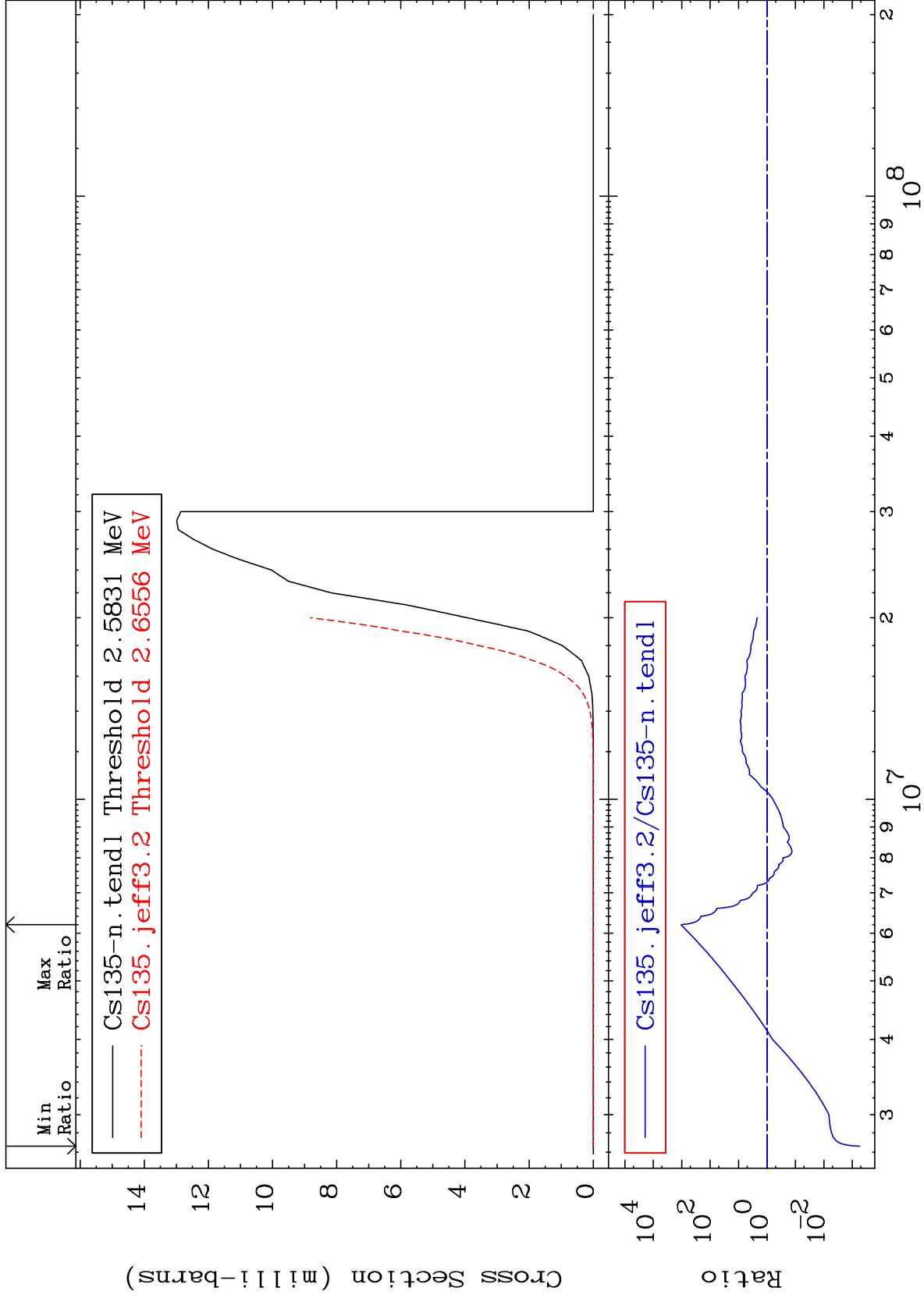
55-Cs-135
-99.42 To 82.45 %



MAT 5531

(n,n') α
Cross Section

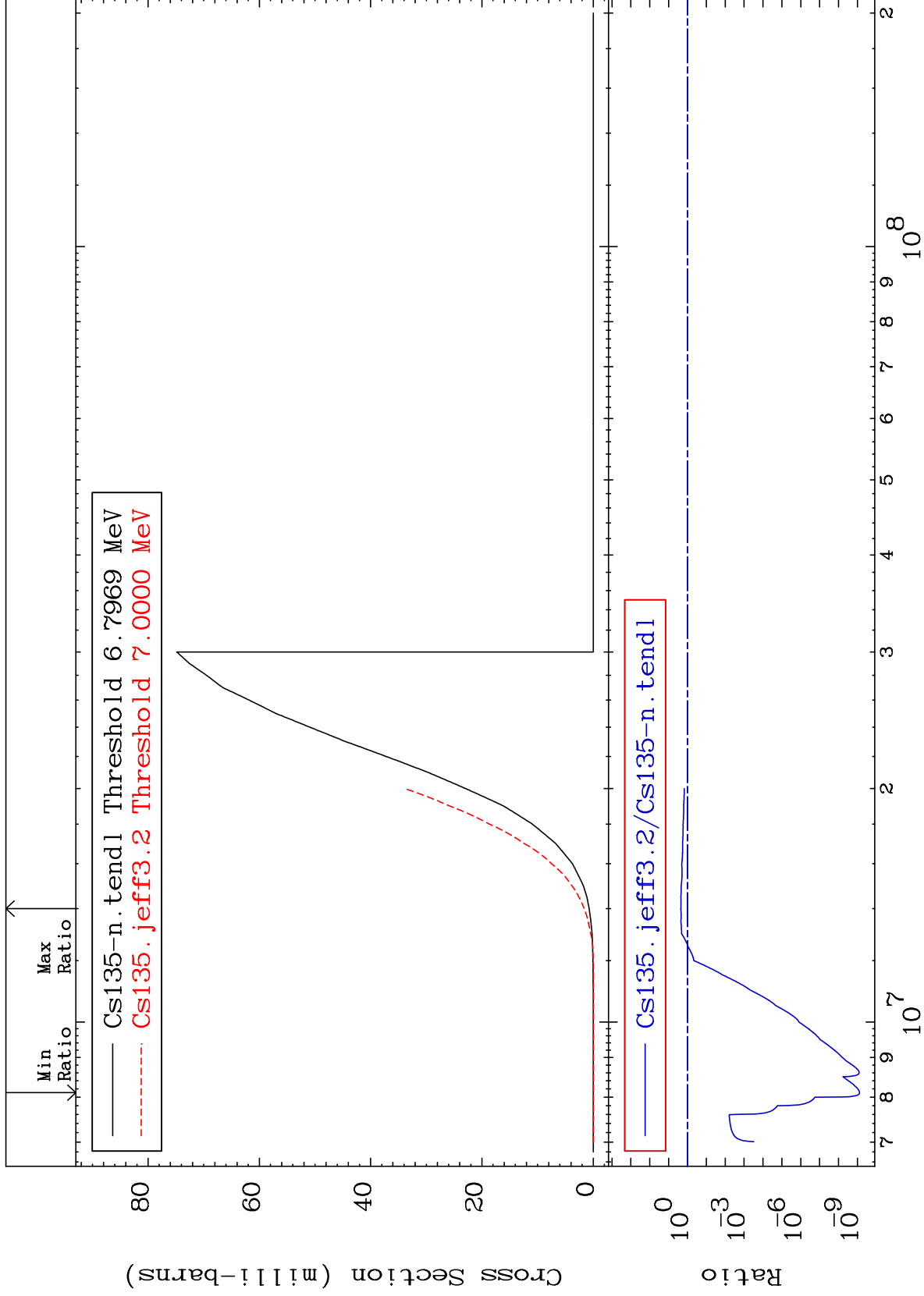
55-Cs-135
-99.94 To 9999. %



MAT 5531

(n,n') p
Cross Section

55-Cs-135
-100.0 To 126.7 %



7

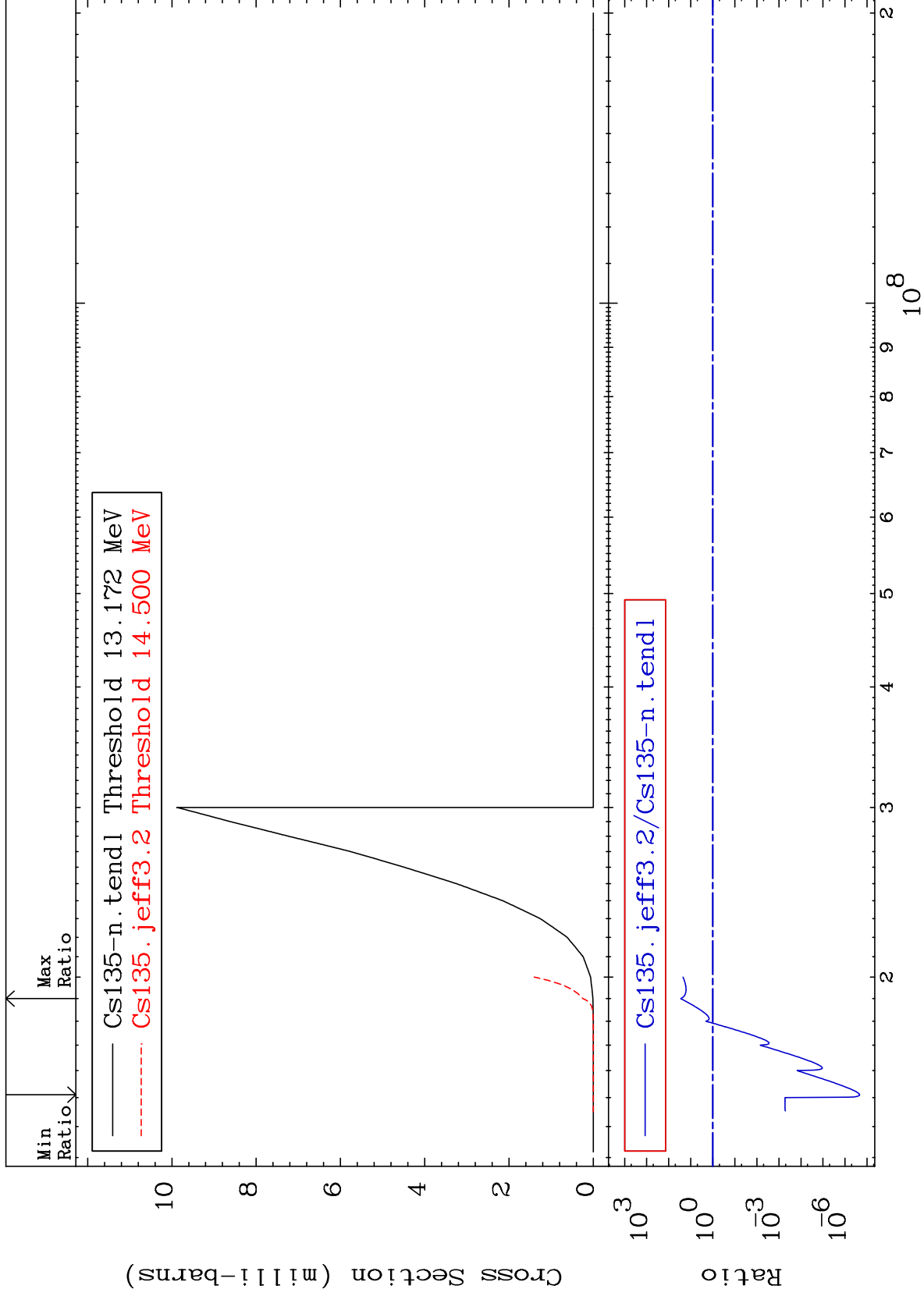
Incident Energy (eV)

55-Cs-135

MAT 5531

(n,n') d
Cross Section

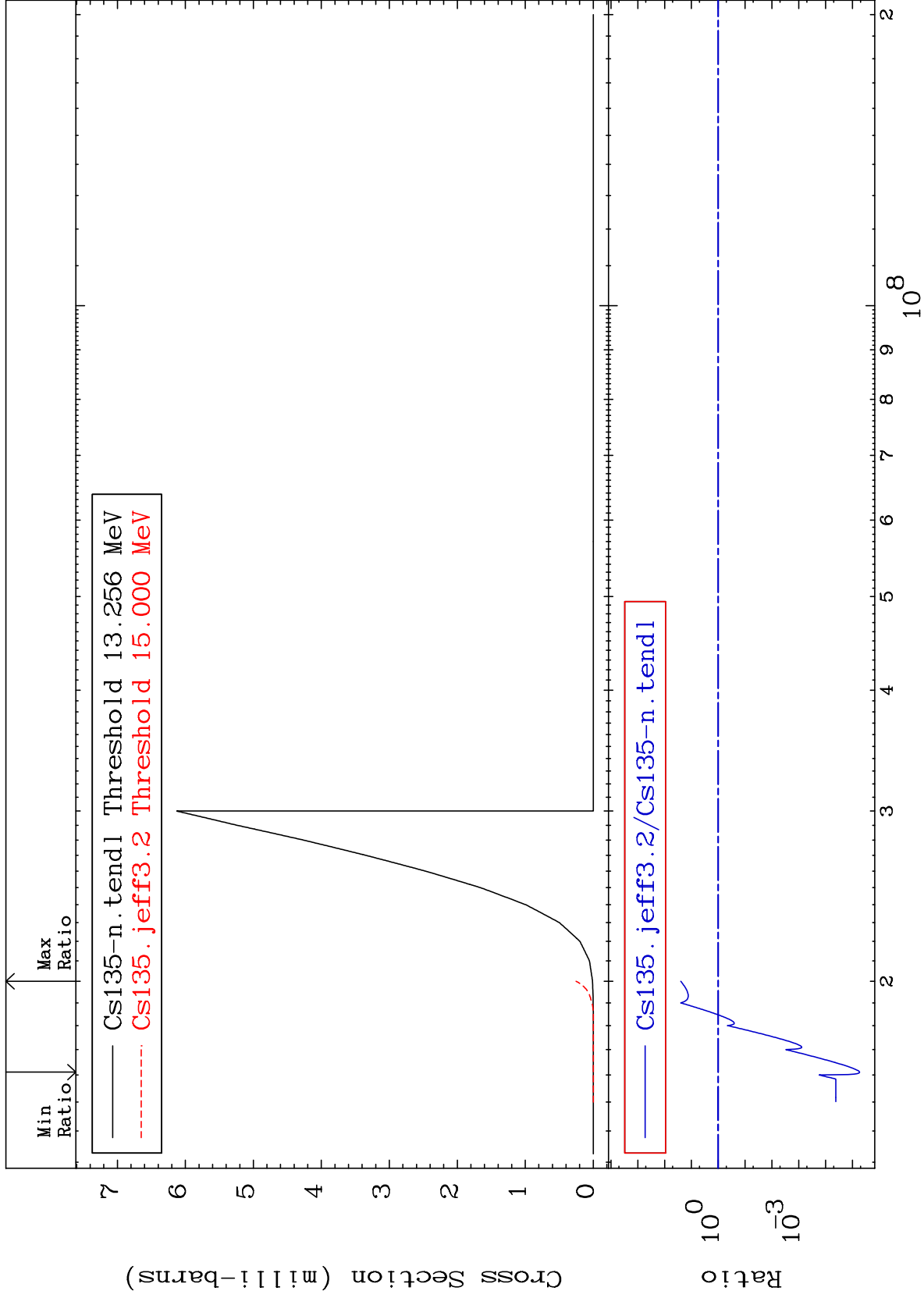
55-Cs-135
-100.0 To 2738. %



MAT 5531

(n,n') t
Cross Section

55-Cs-135
-100.0 To 2398. %

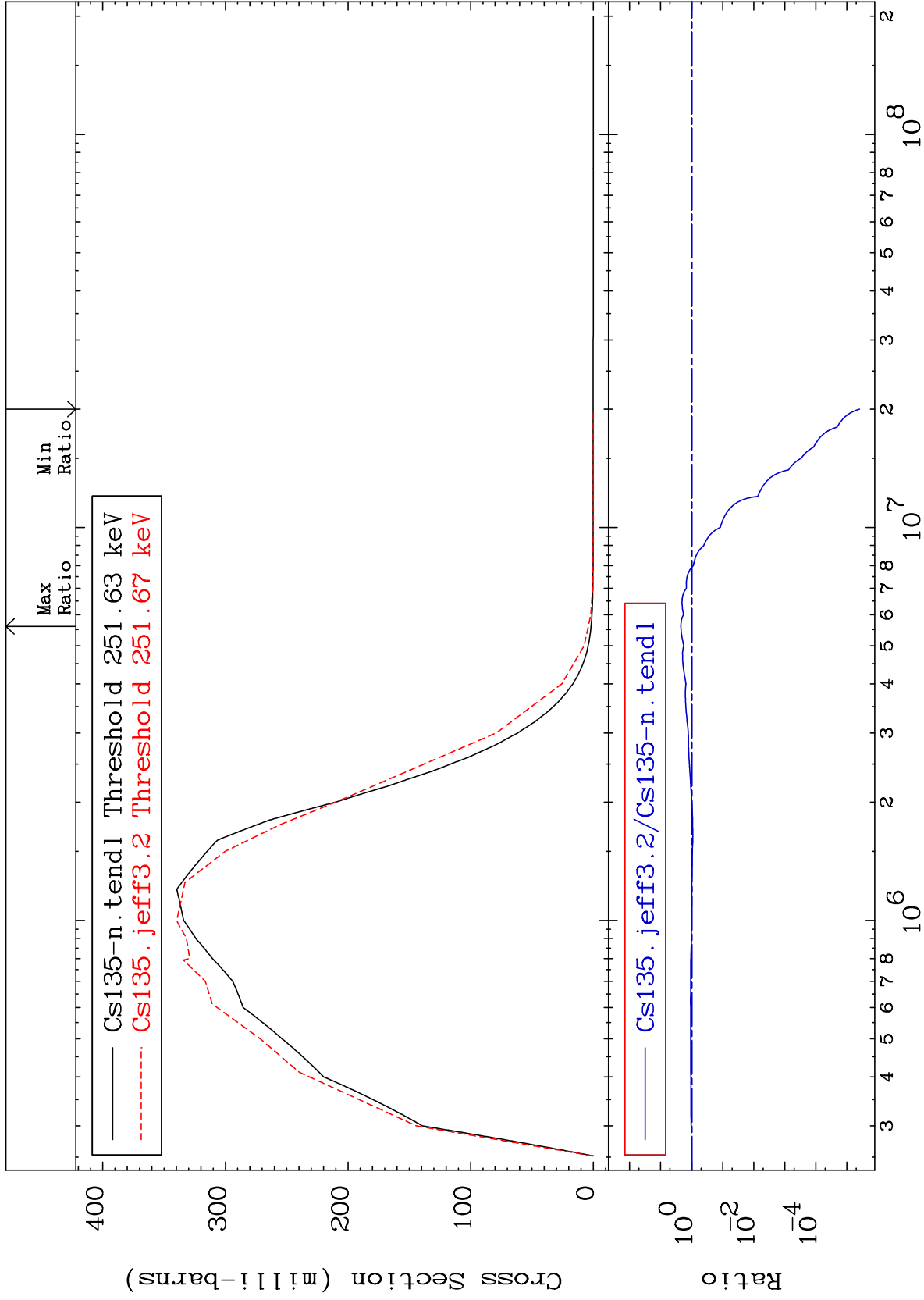


MAT 5531

249.8 keV (n,n') Level

55-Cs-135

-100.0 To 124.6 %



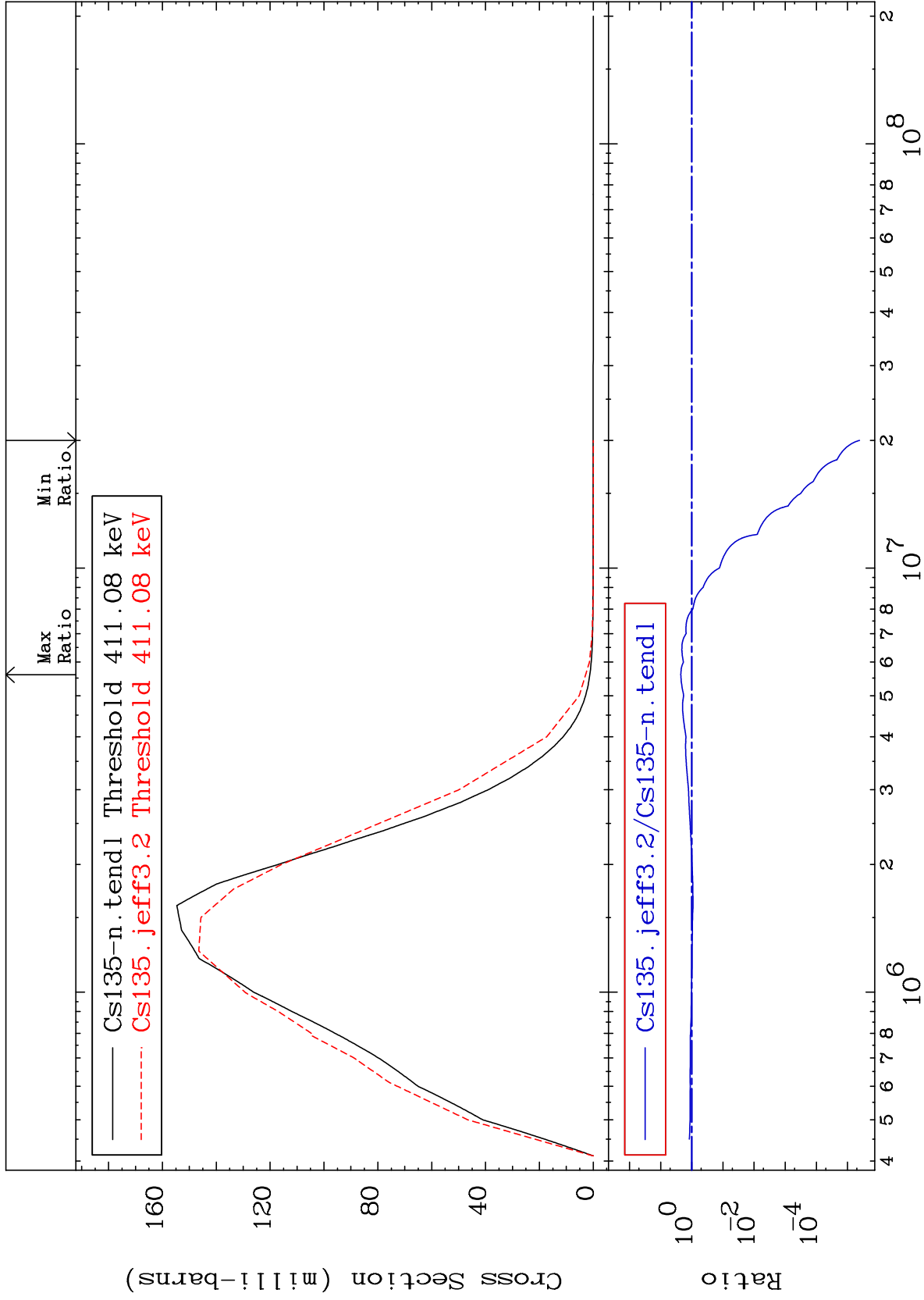
MAT 5531

408.0 keV (n,n') Level

55-Cs-135

-100.0 To 125.8 %

Cross Section



11

Incident Energy (eV)

55-Cs-135

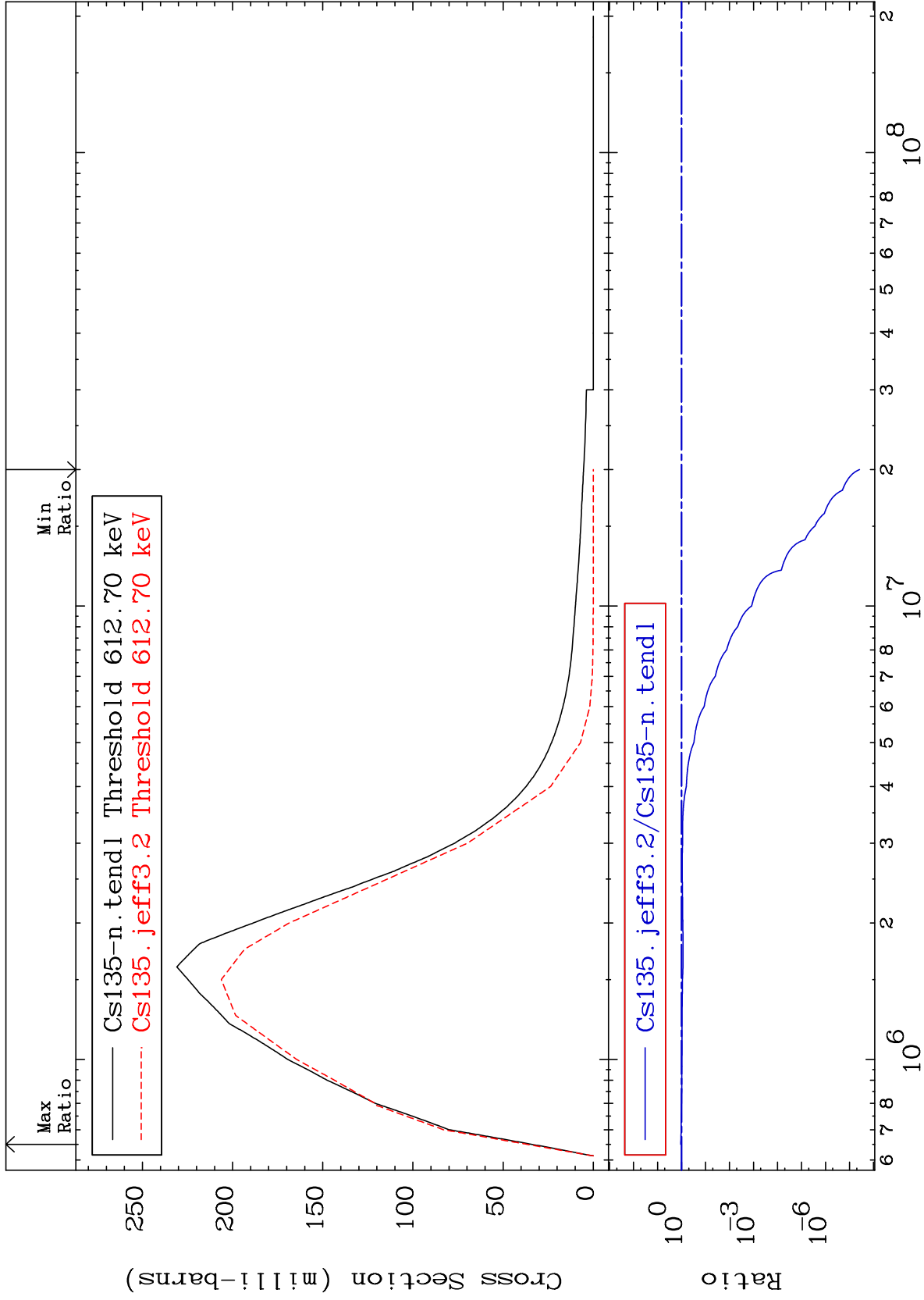
MAT 5531

608.2 keV (n,n') Level

55-Cs-135

-100.0 To 7.777 %

Cross Section



12

Incident Energy (eV)

55-Cs-135

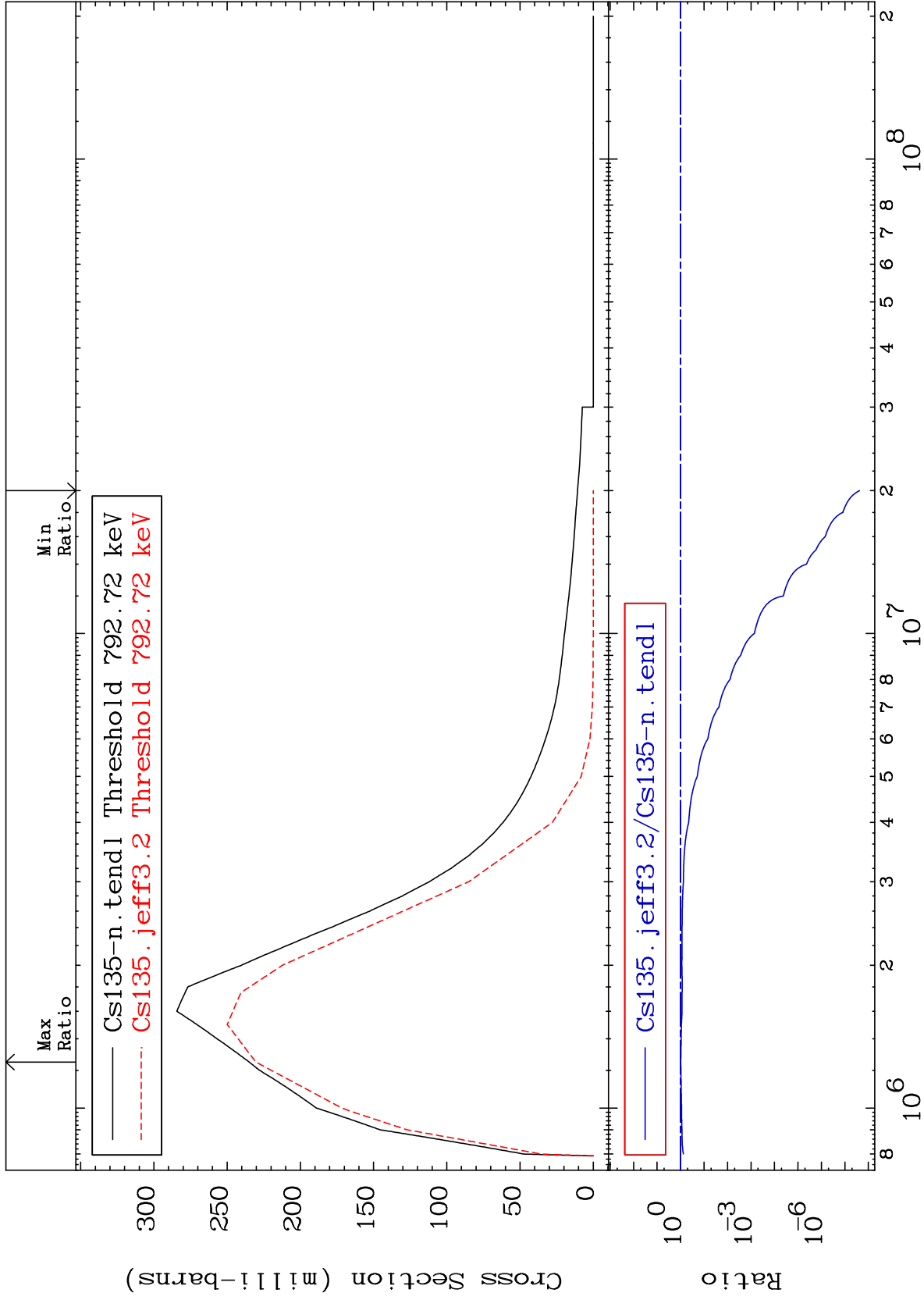
MAT 5531

786.8 keV (n,n') Level

55-Cs-135

-100.0 To -1.970%

Cross Section



13

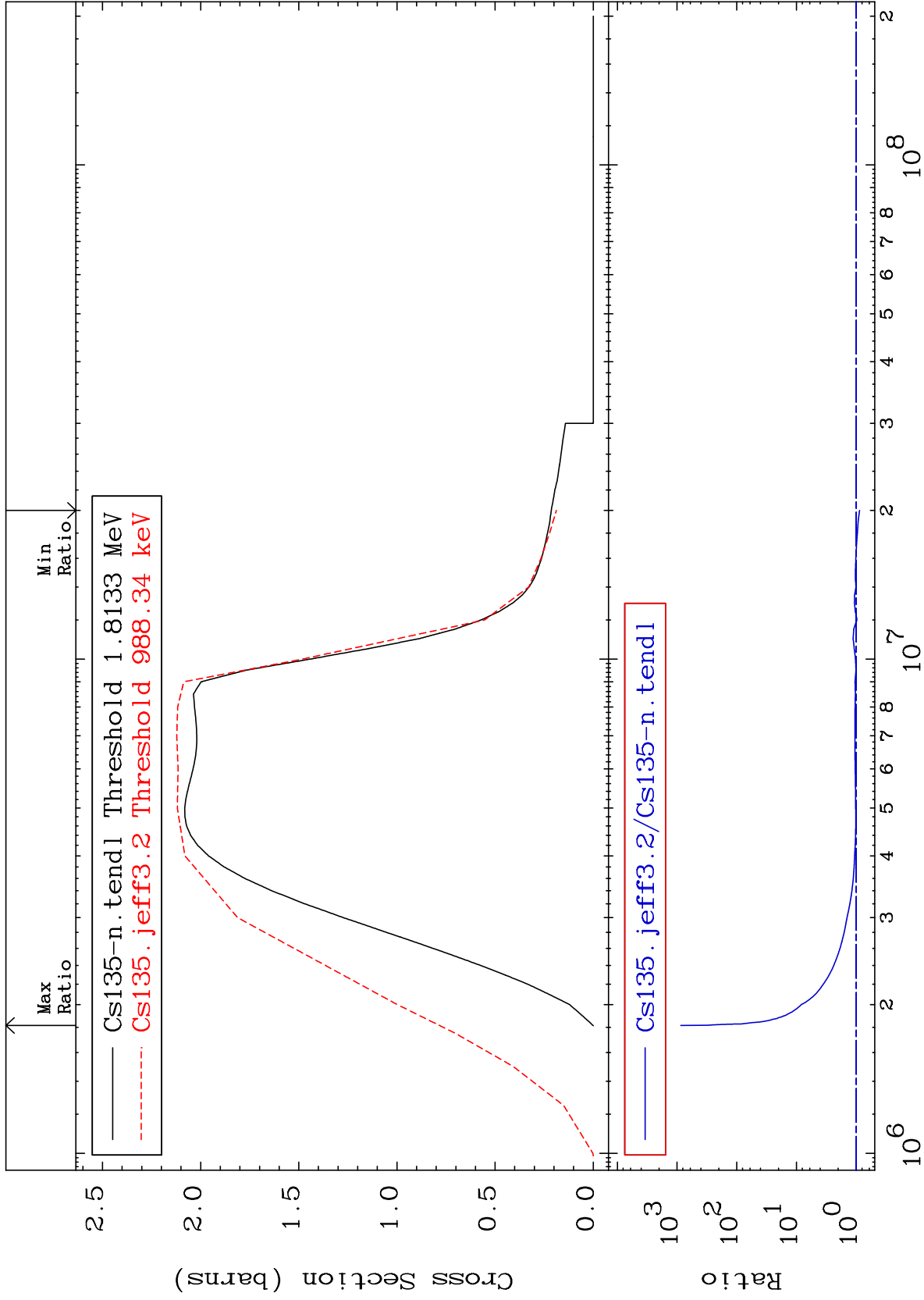
Incident Energy (eV)

55-Cs-135

MAT 5531

(n, n') Continuum
Cross Section

55-Cs-135
-12.27 To 9999. %



14

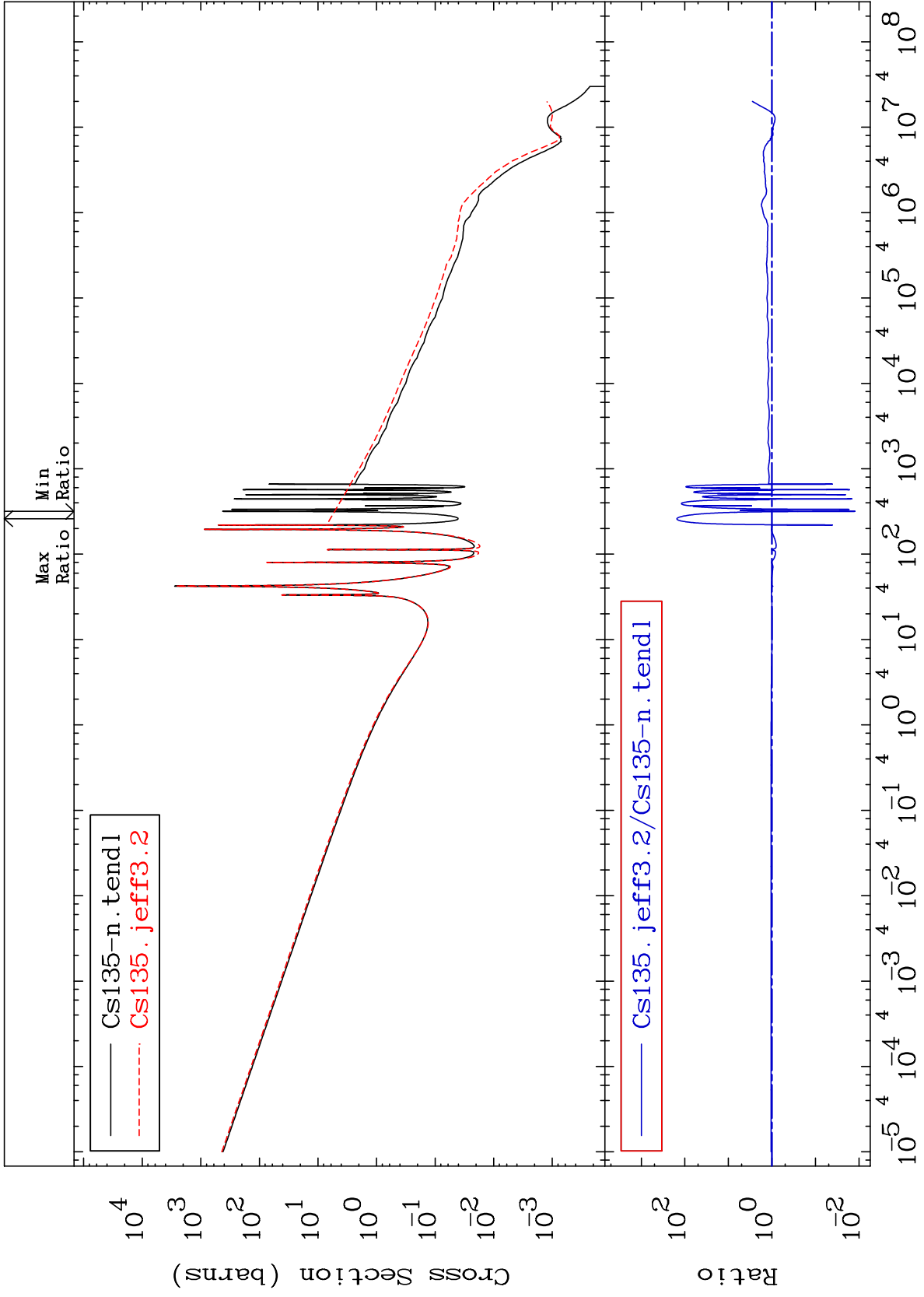
Incident Energy (eV)

55-Cs-135

MAT 5531

(n, γ)
Cross Section

55-Cs-135
-98.77 To 9999. %



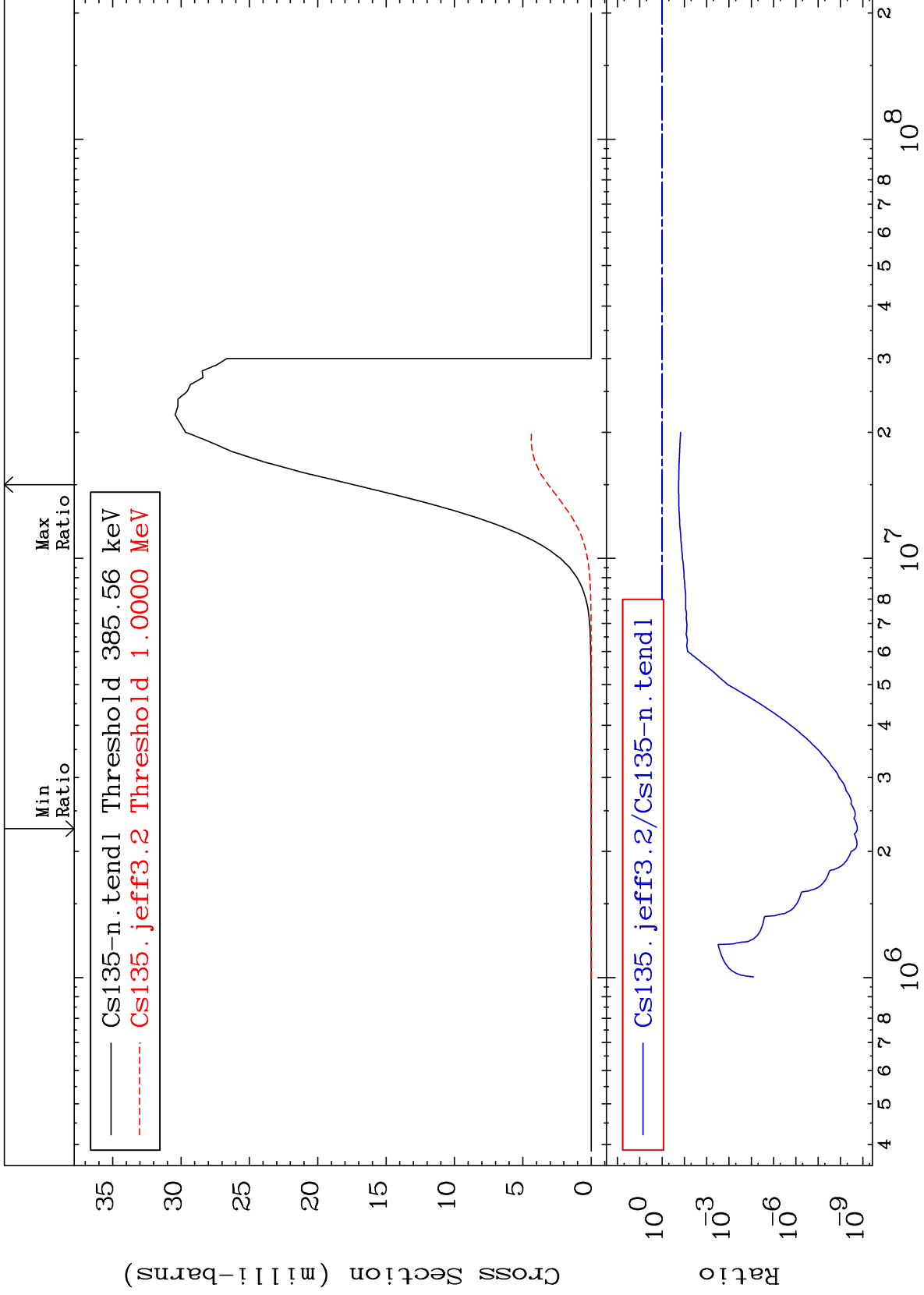
15

Incident Energy (eV)

55-Cs-135

MAT 5531

(n,p)
Cross Section
55-Cs-135
-100.0 To -81.90%



16

Incident Energy (eV)

55-Cs-135

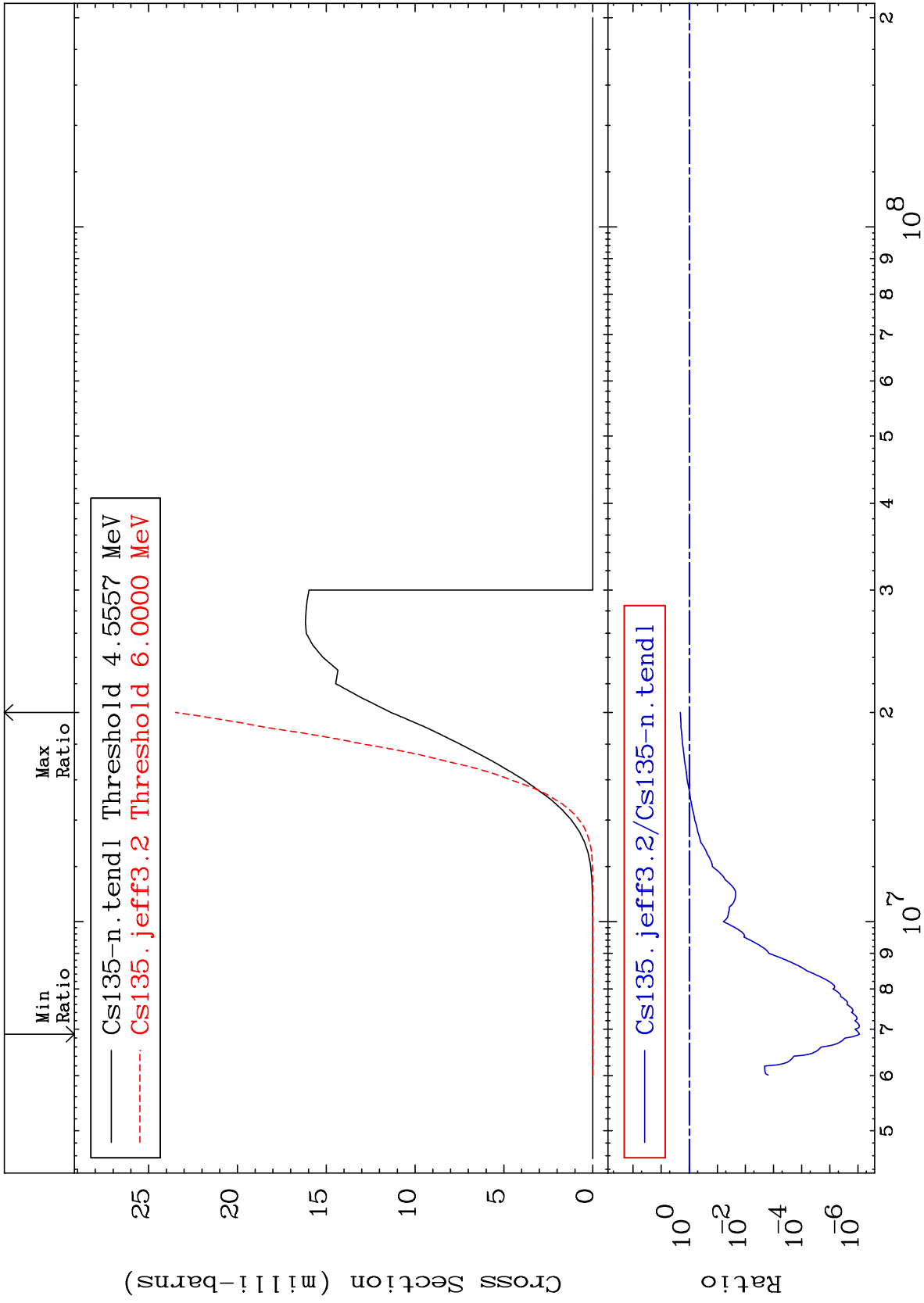
MAT 5531

(n, d)

55-Cs-135

Cross Section

-100.0 To 106.8 %



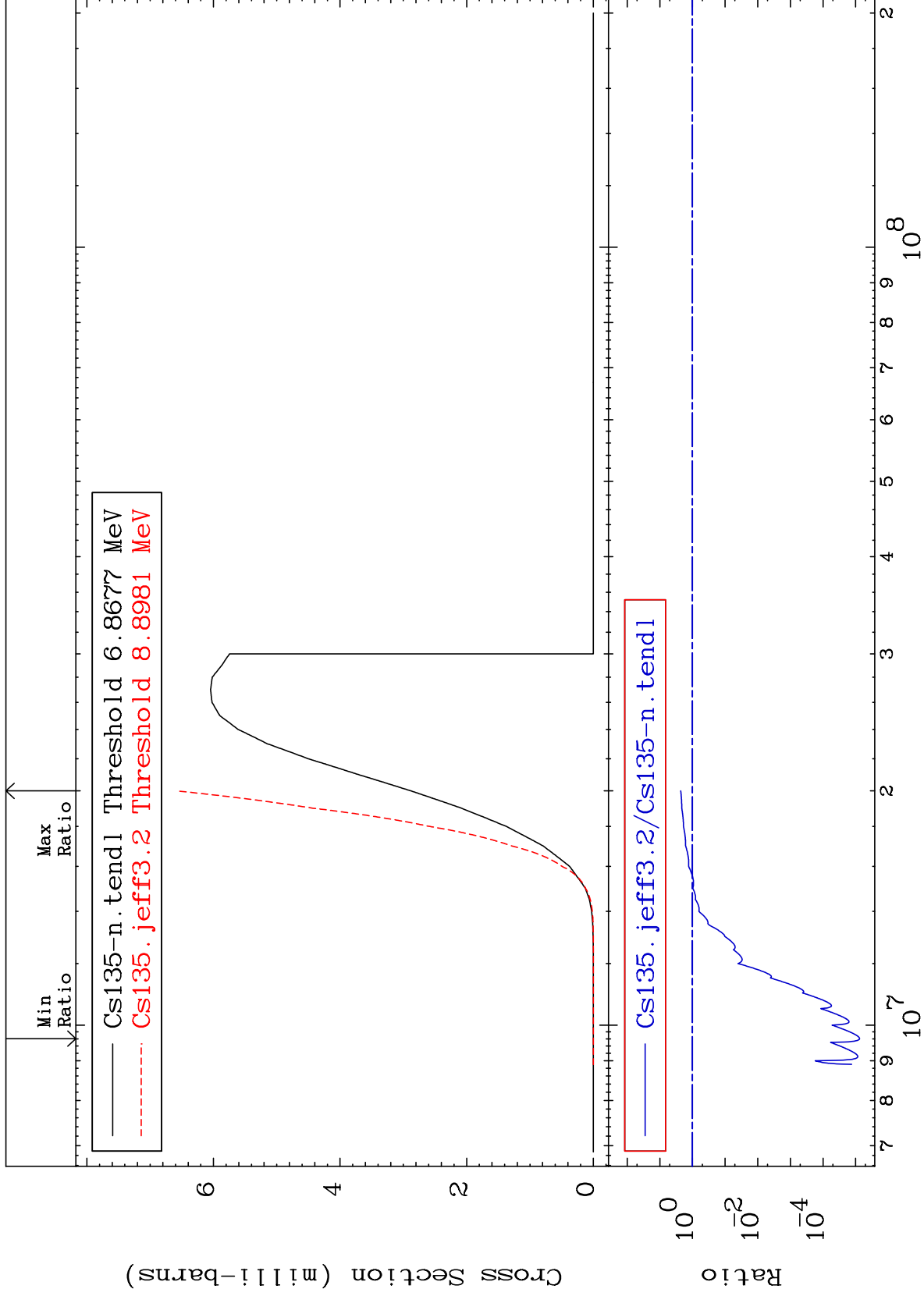
MAT 5531

(n, t)

55-Cs-135

Cross Section

-100.0 To 128.5 %



18

Incident Energy (eV)

55-Cs-135

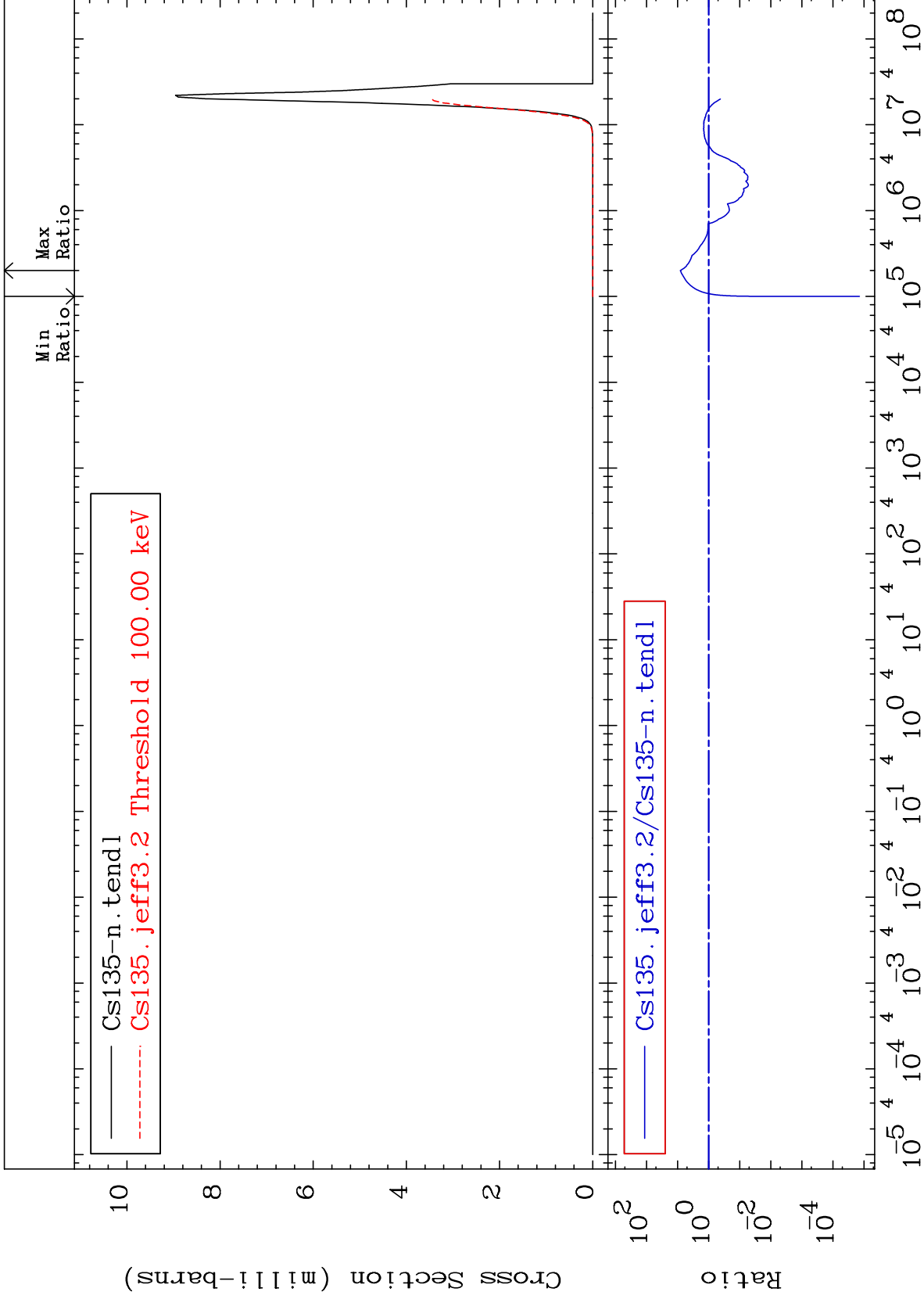
MAT 5531

(n, α)

55-Cs-135

Cross Section

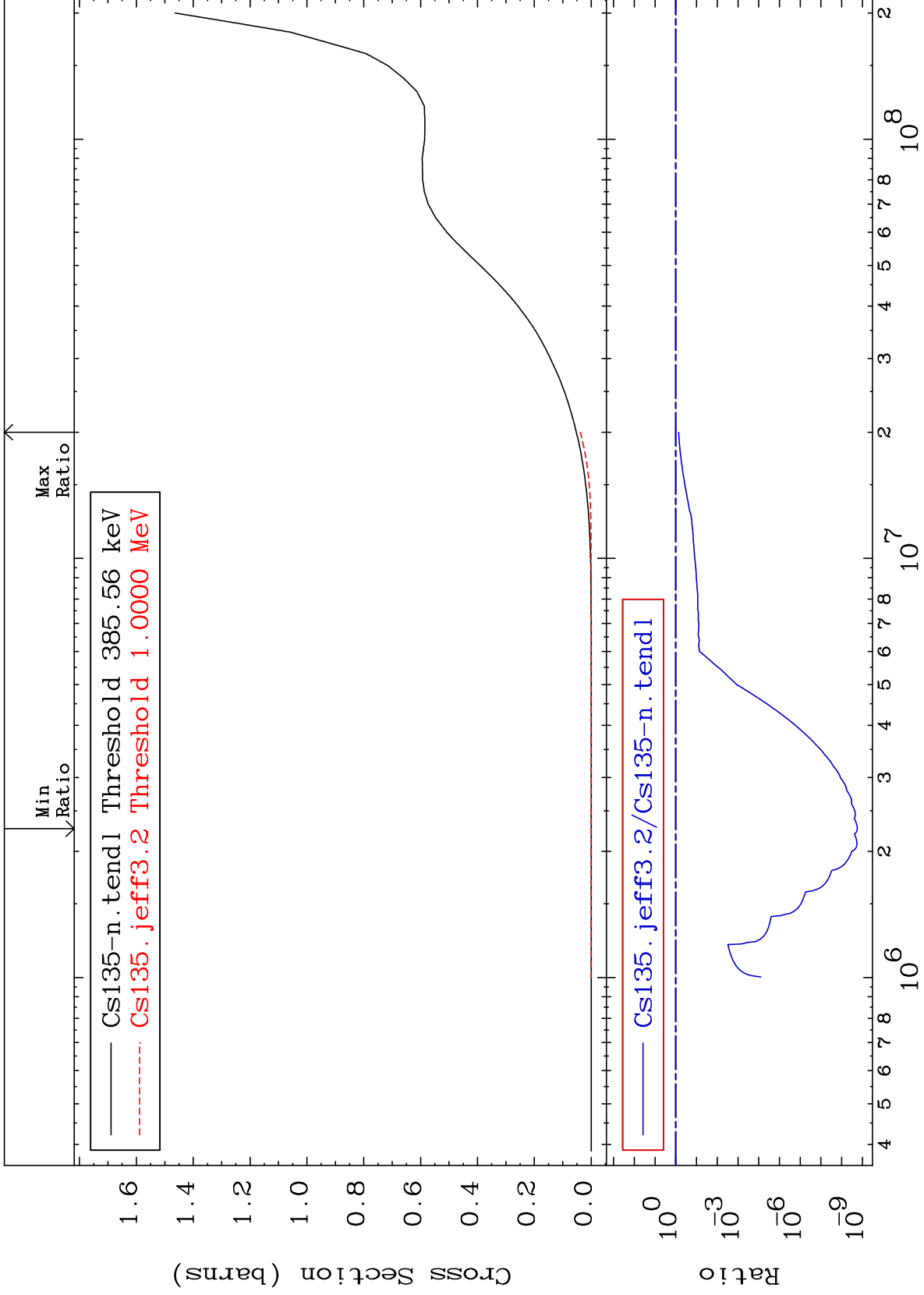
-100.0 To 717.3 %



MAT 5531

Hydrogen Production
Cross Section

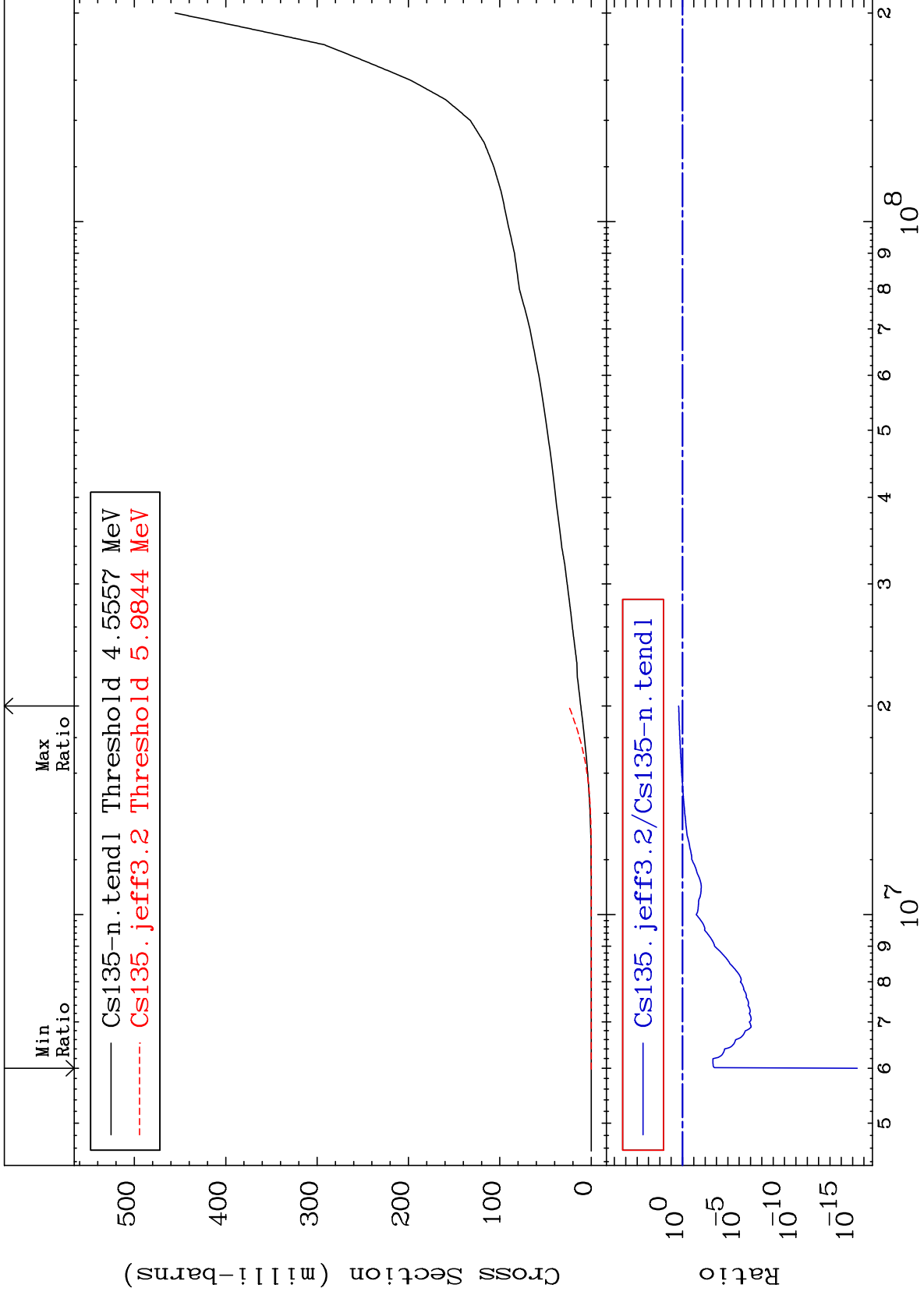
55-Cs-135
-100.0 To -27.30%



MAT 5531

Deuterium Production
Cross Section

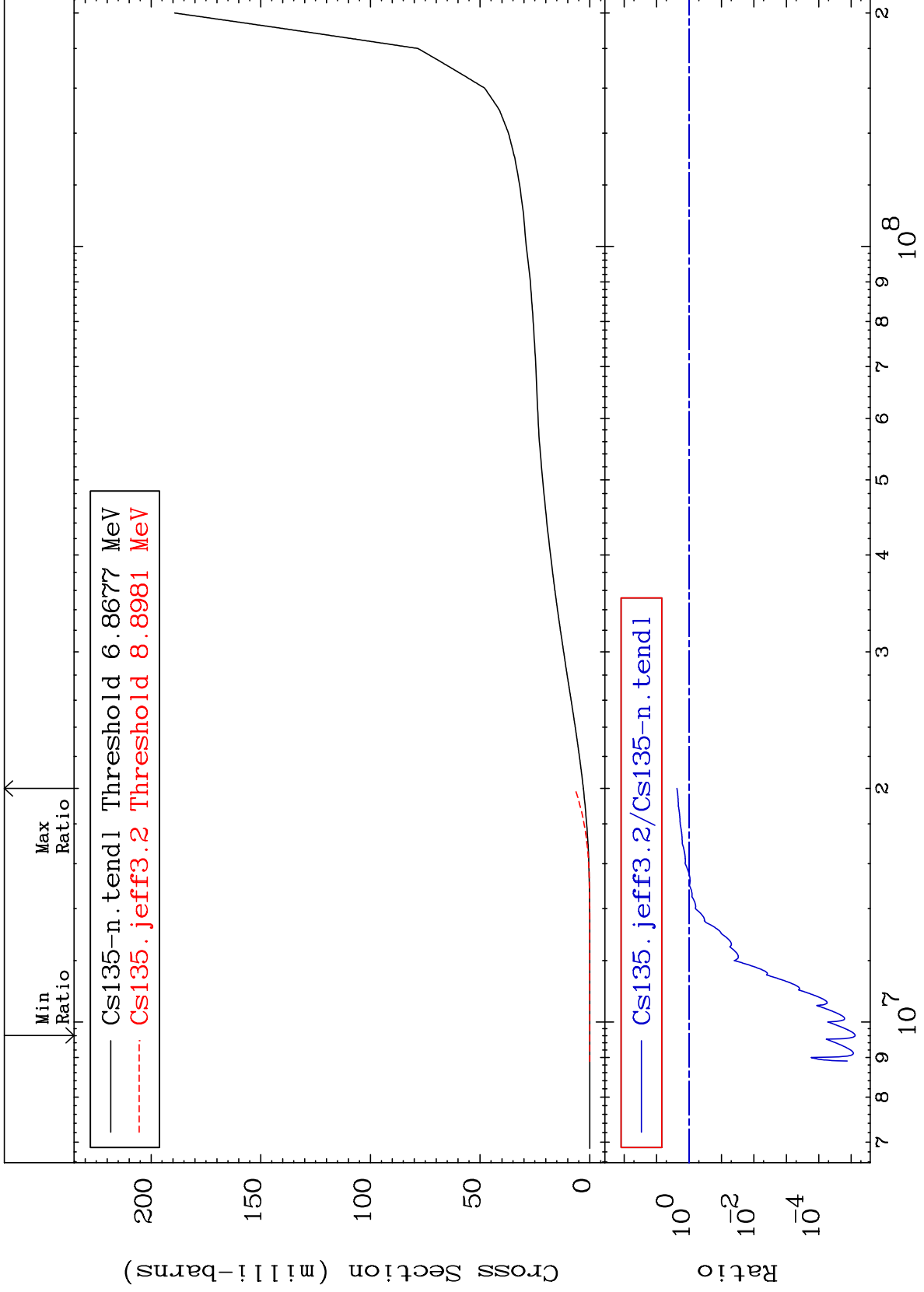
55-Cs-135
-100.0 To 117.9 %



MAT 5531

Tritium Production
Cross Section

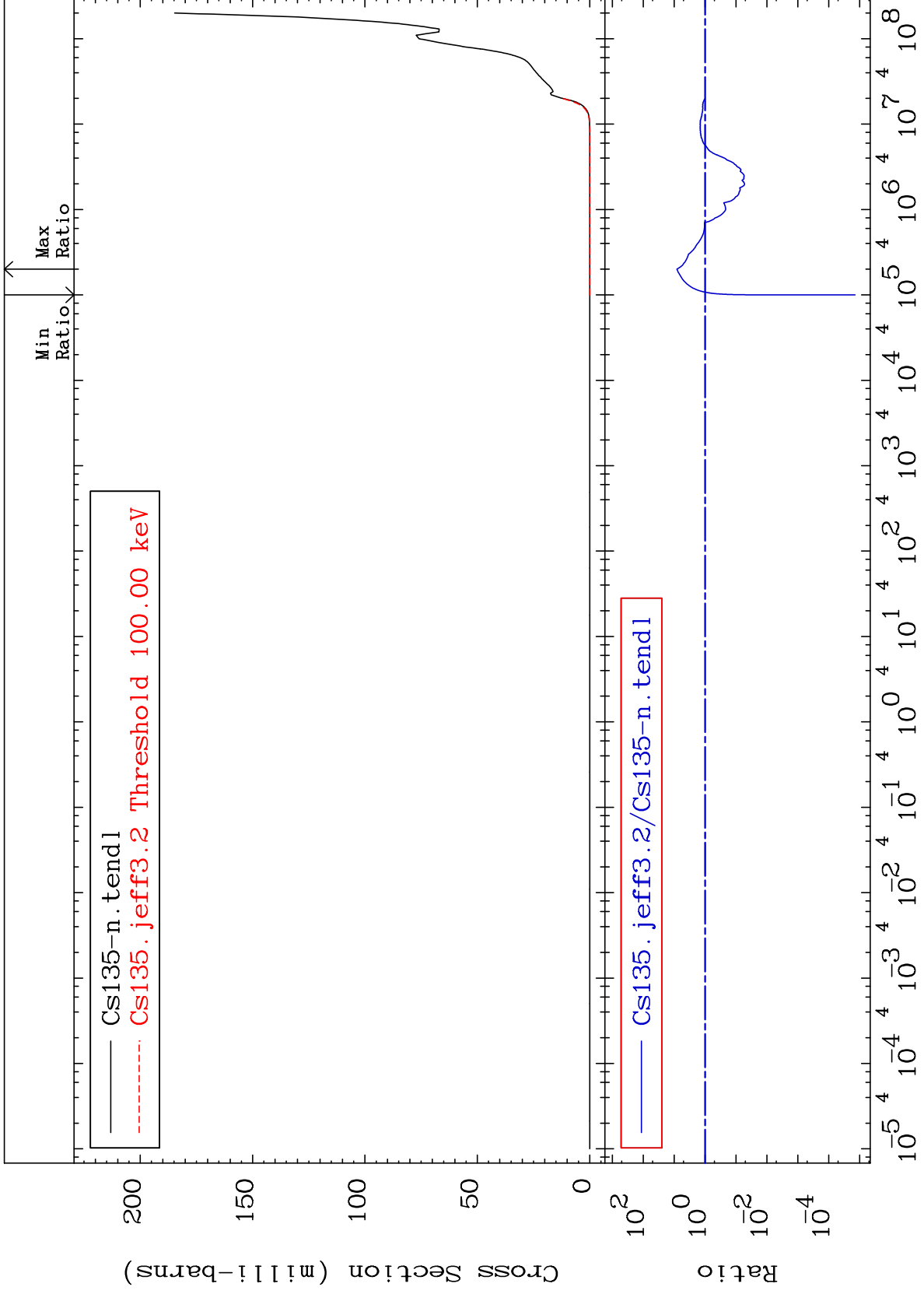
55-Cs-135
-100.0 To 136.4 %

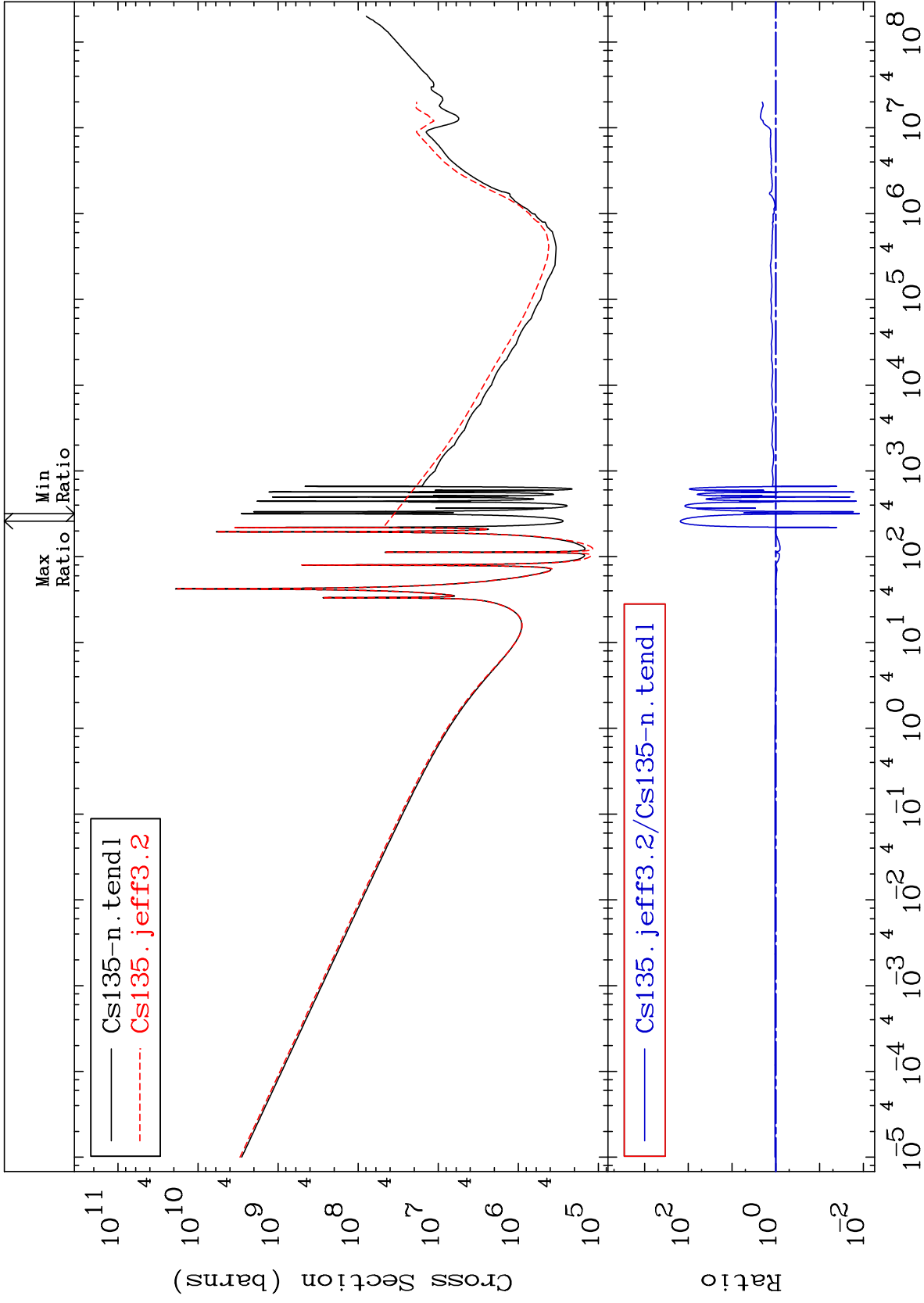


MAT 5531

He-4 Production
Cross Section

55-Cs-135
-100.0 To 717.3 %

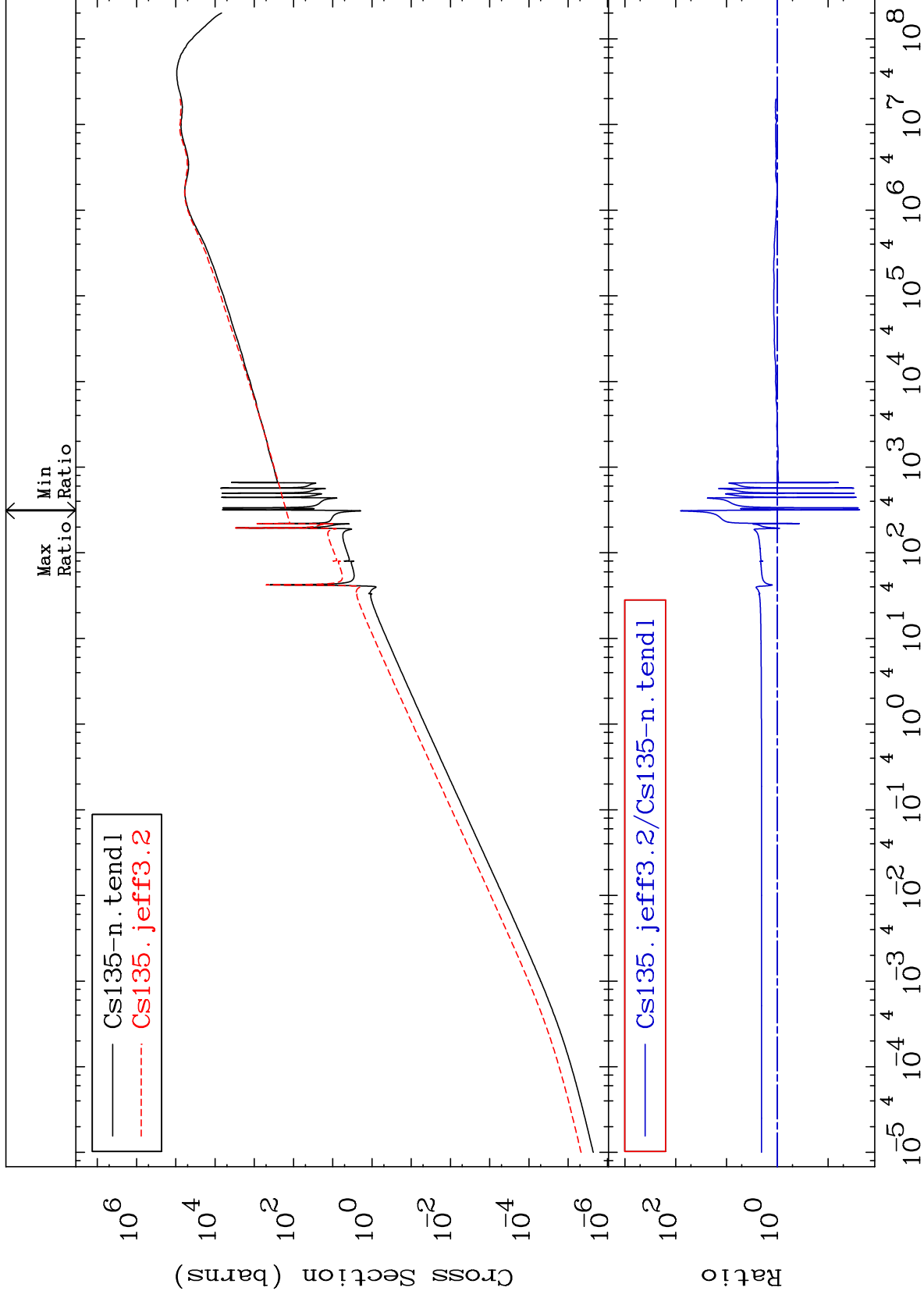




MAT 5531

Kerma elastic
Cross Section

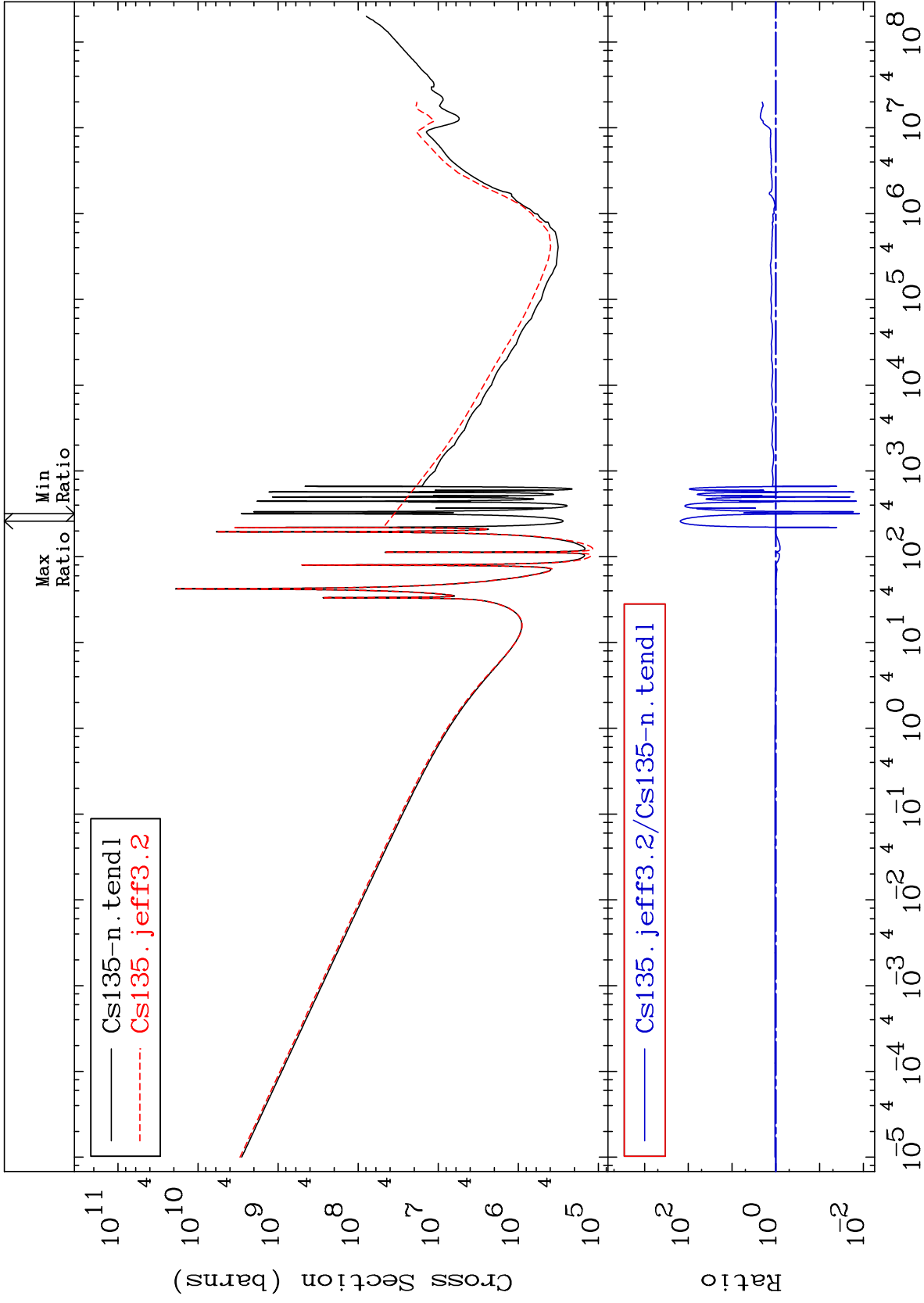
55-Cs-135
-97.60 To 7855. %



25

Incident Energy (eV)

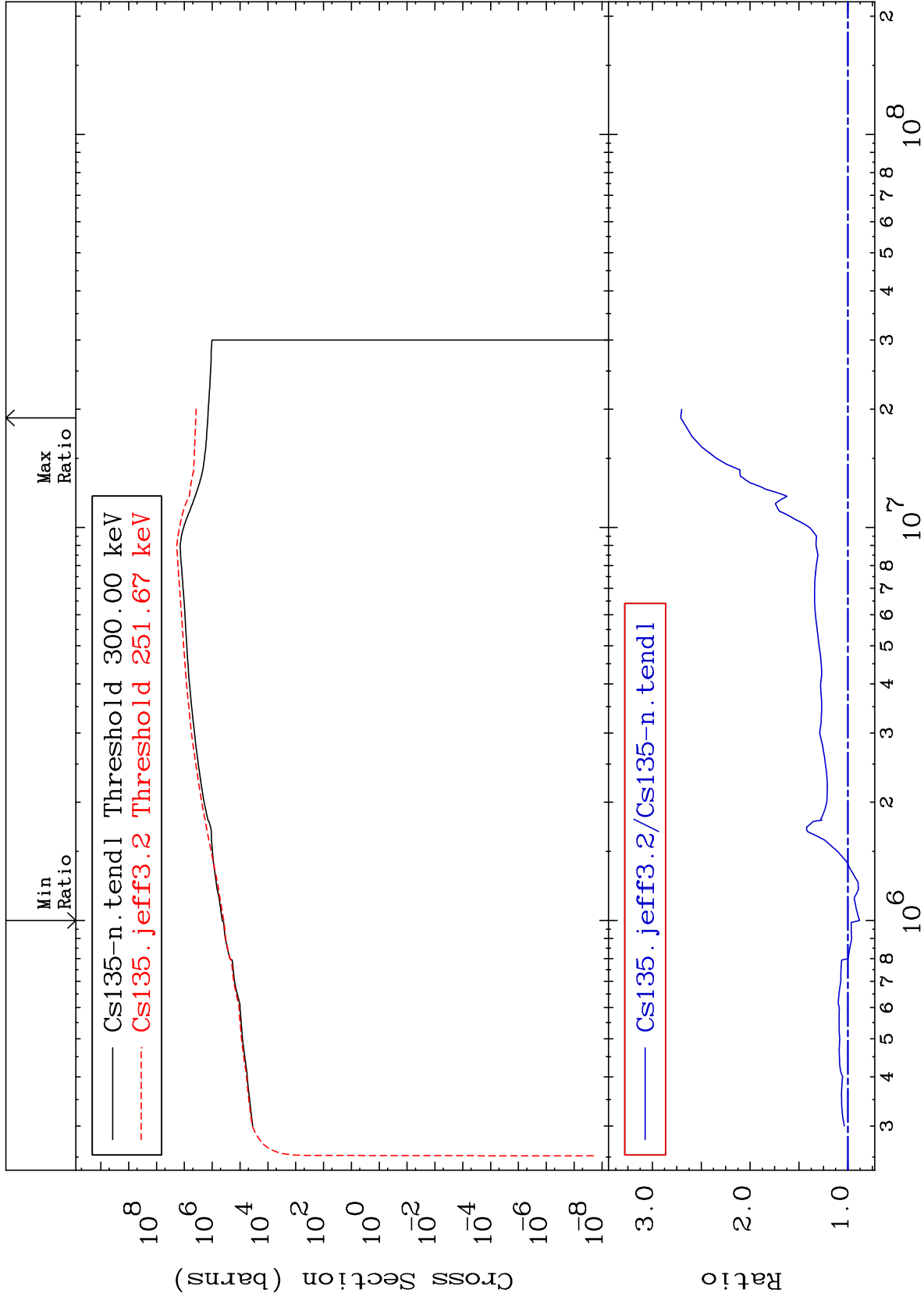
55-Cs-135



MAT 5531

Kerma inelastic (mt51-91)
Cross Section

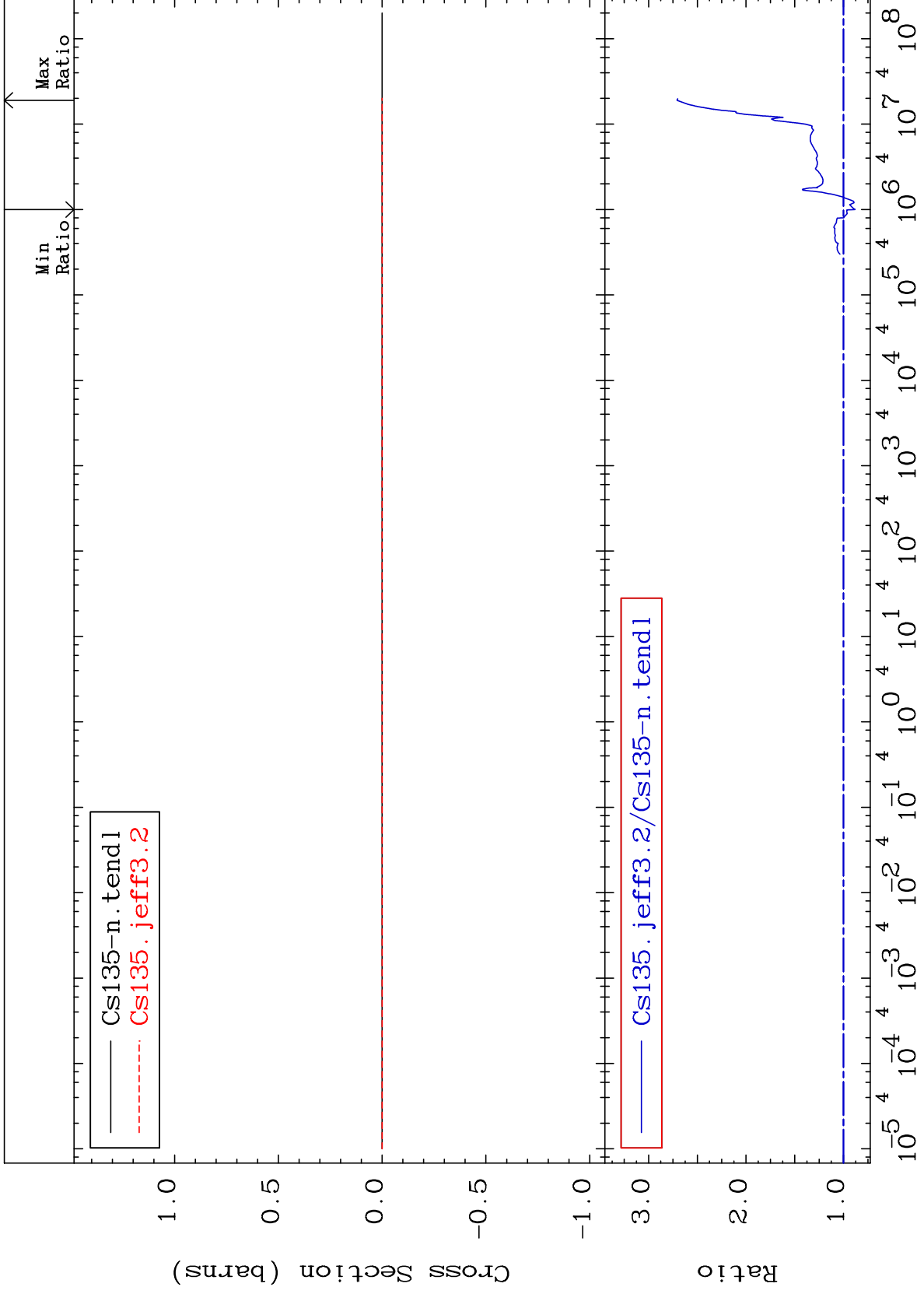
55-Cs-135
-11.89 To 170.9 %

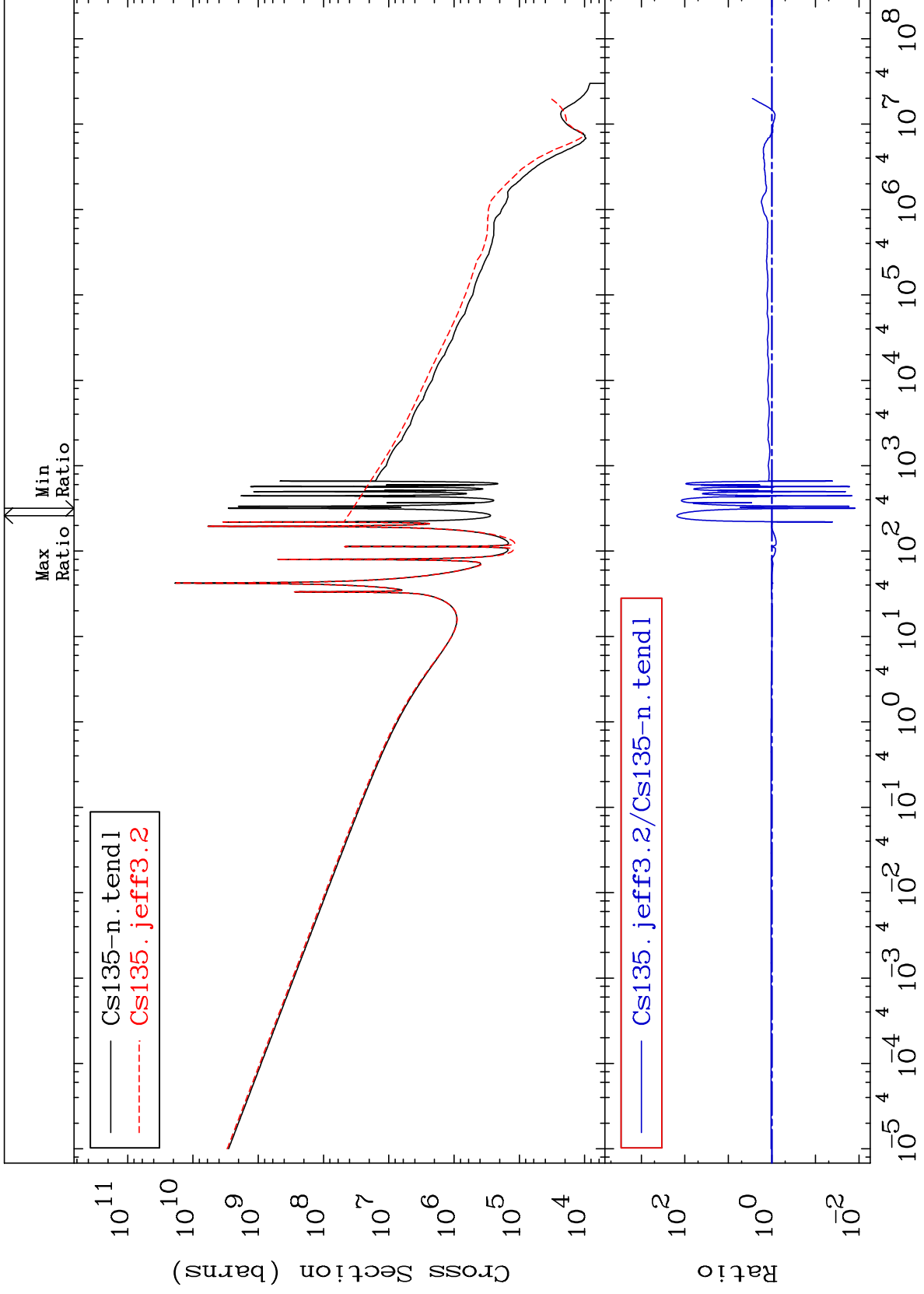


MAT 5531

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

55-Cs-135
-11.89 To 170.9 %

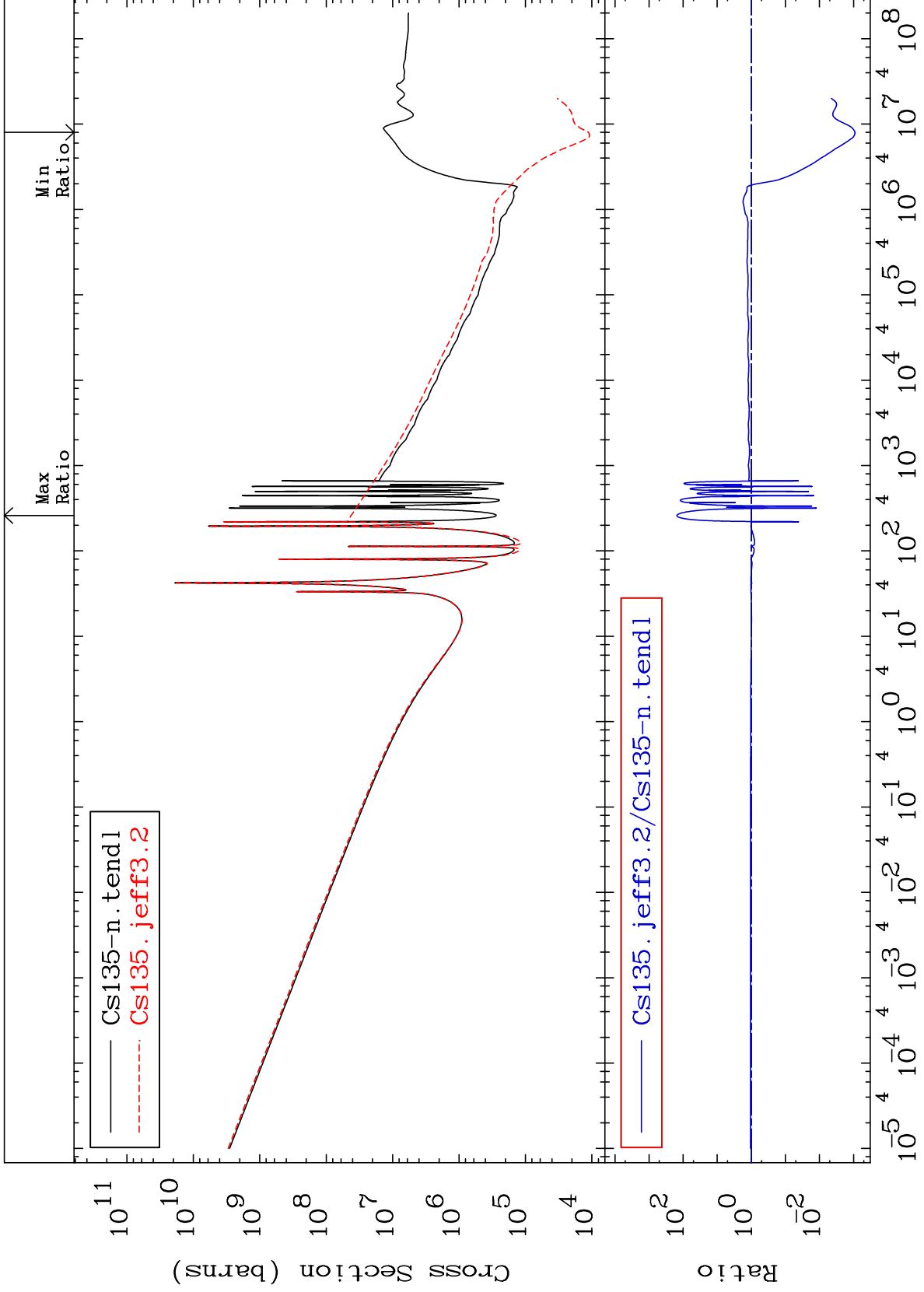


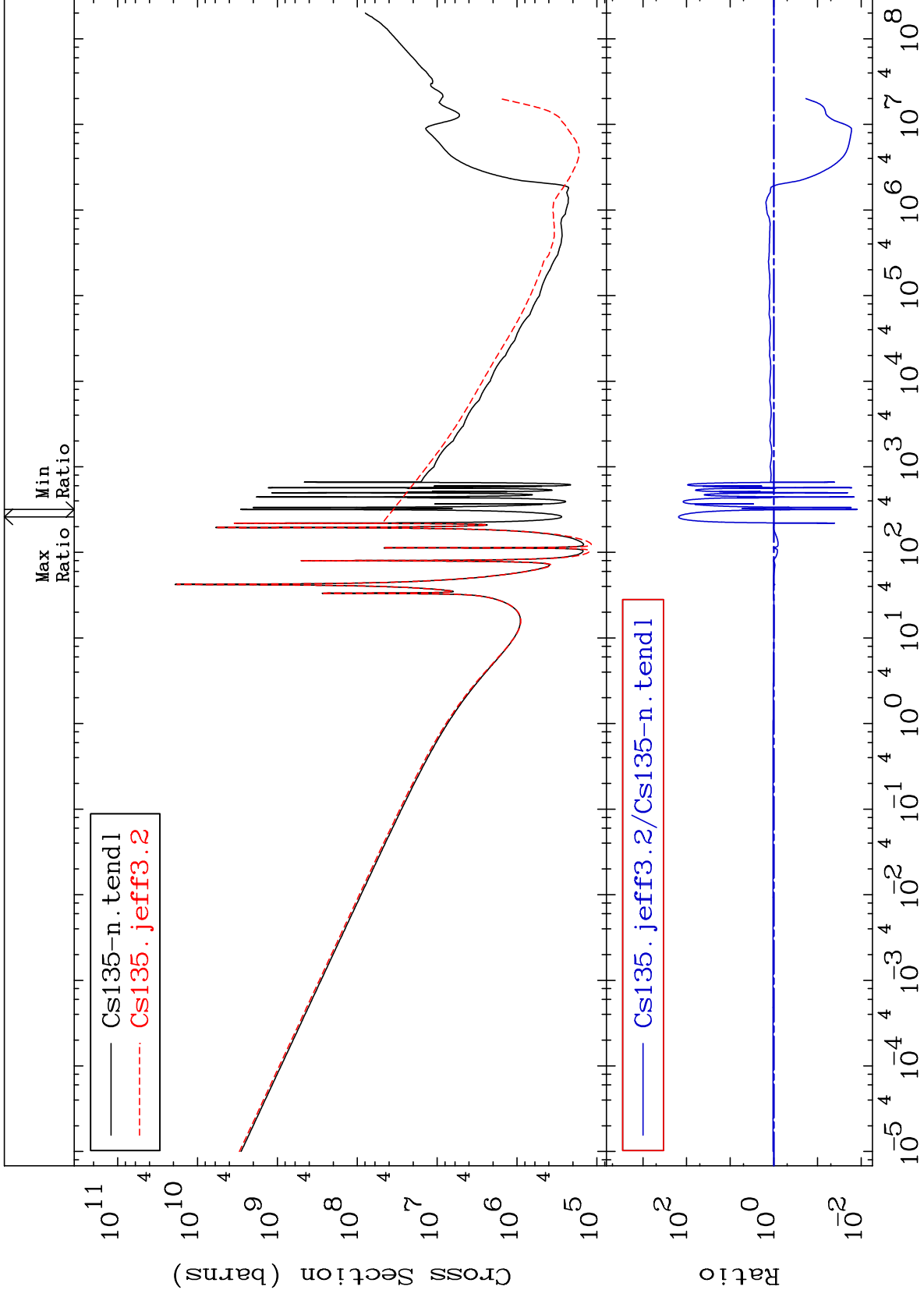


MAT 5531

Total photon (eV-barns)
Cross Section

55-Cs-135
-99.91 To 9999. %





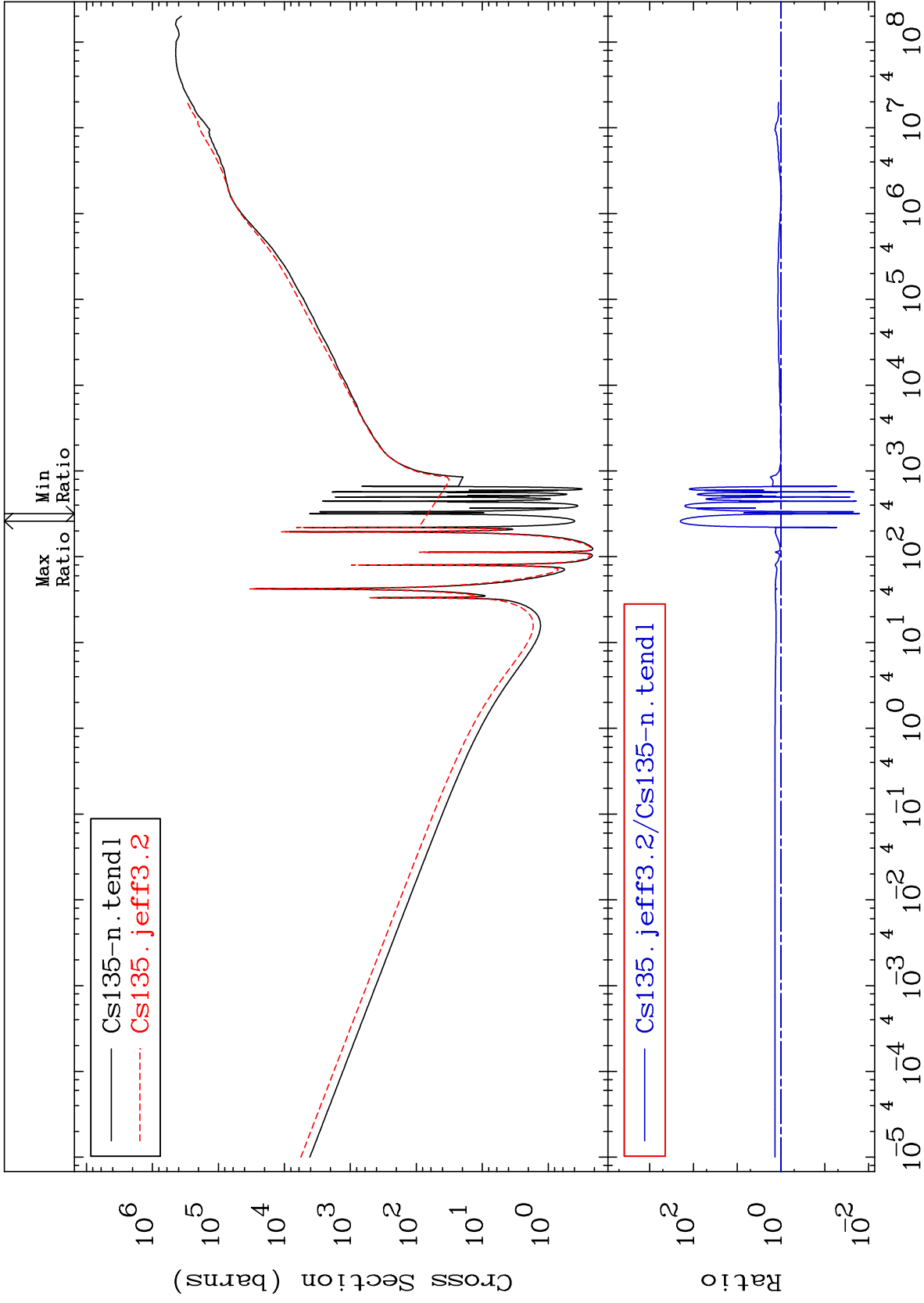
MAT 5531

Dpa total (eV-barns)

55-Cs-135

Cross Section

-98.39 To 9999. %



32

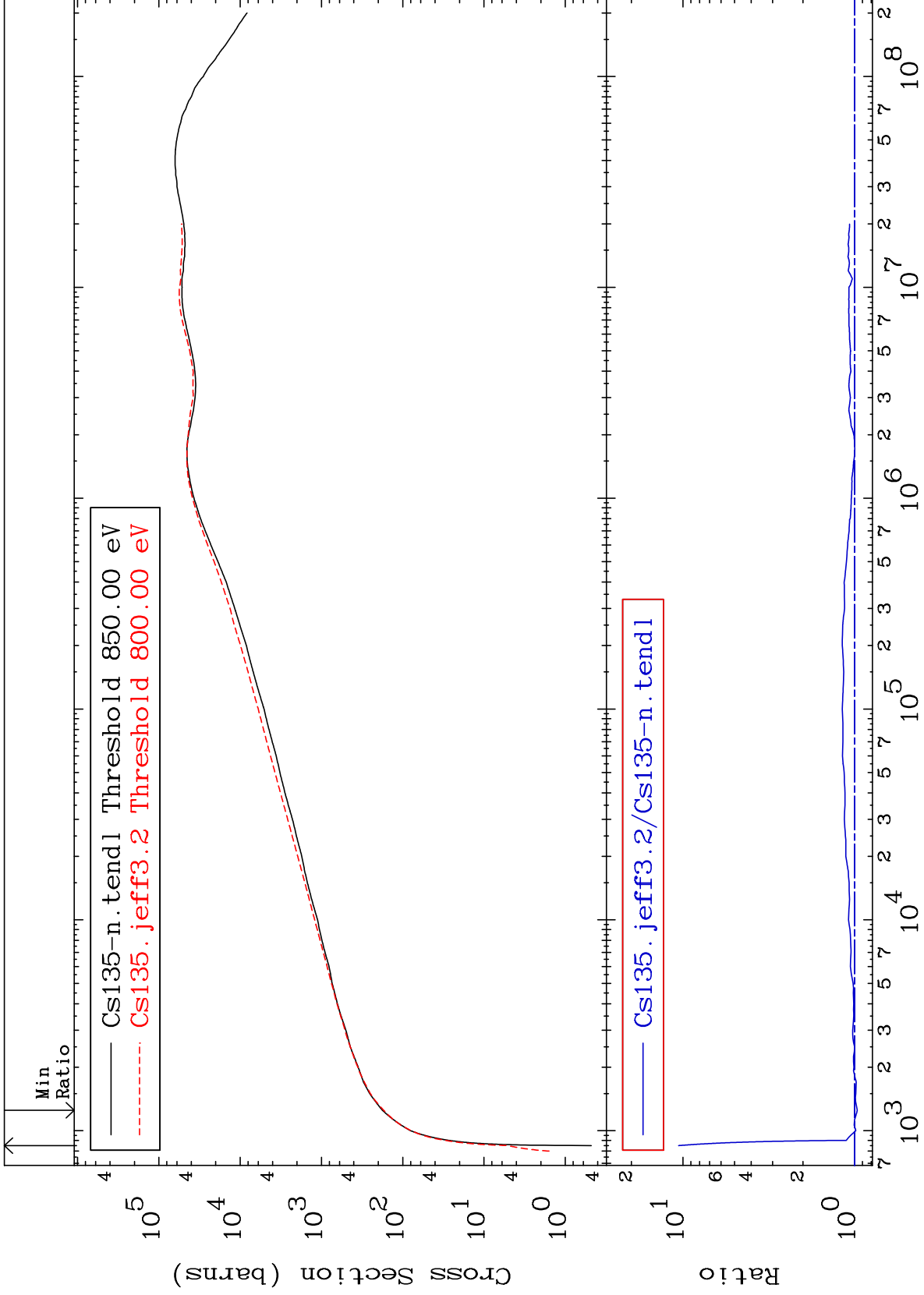
Incident Energy (eV)

55-Cs-135

MAT 5531

Dpa elastic (mt2)
Cross Section

55-Cs-135
-3.596 To 959.6 %



33

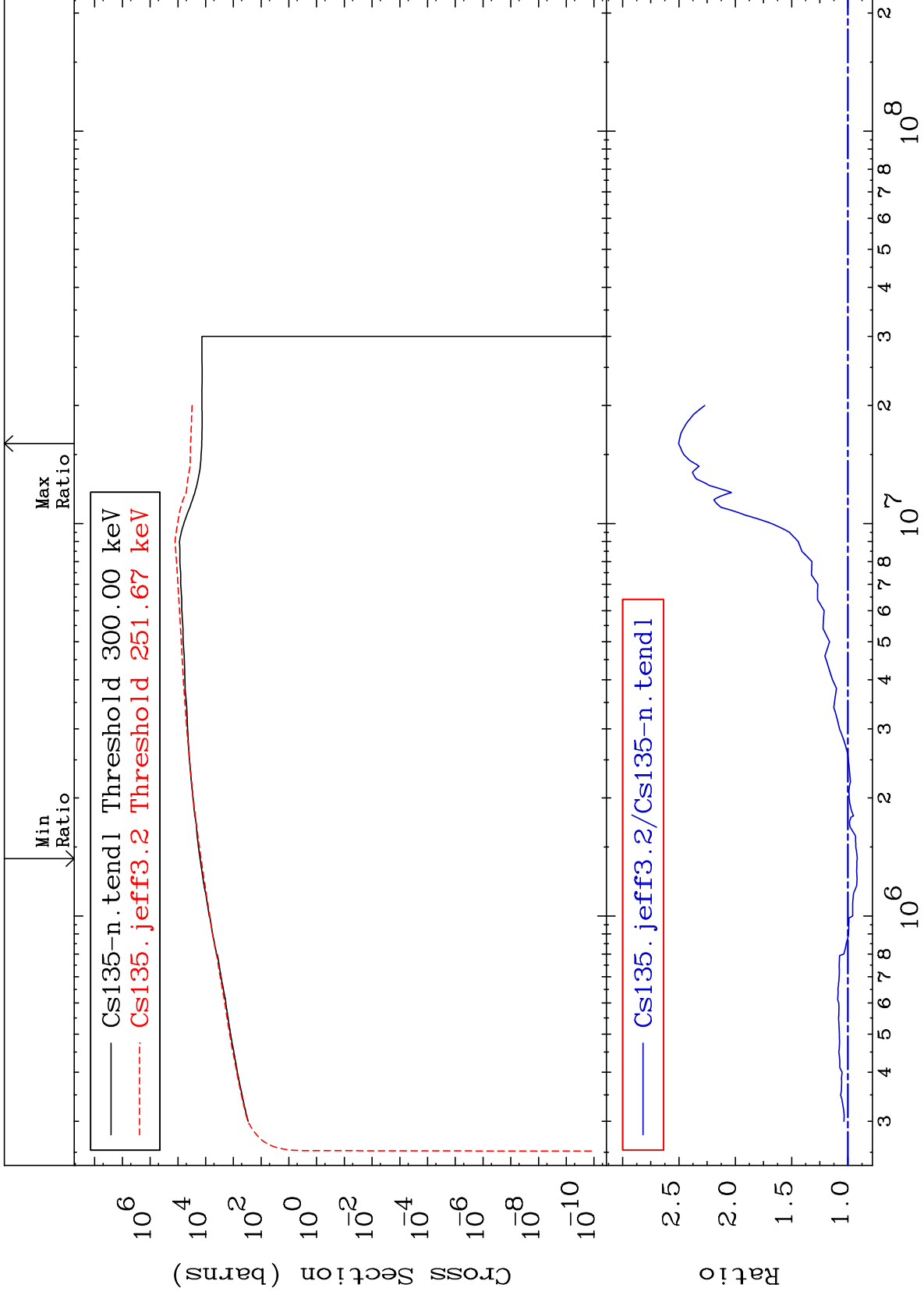
Incident Energy (eV)

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
-98.39 To 9999. %

