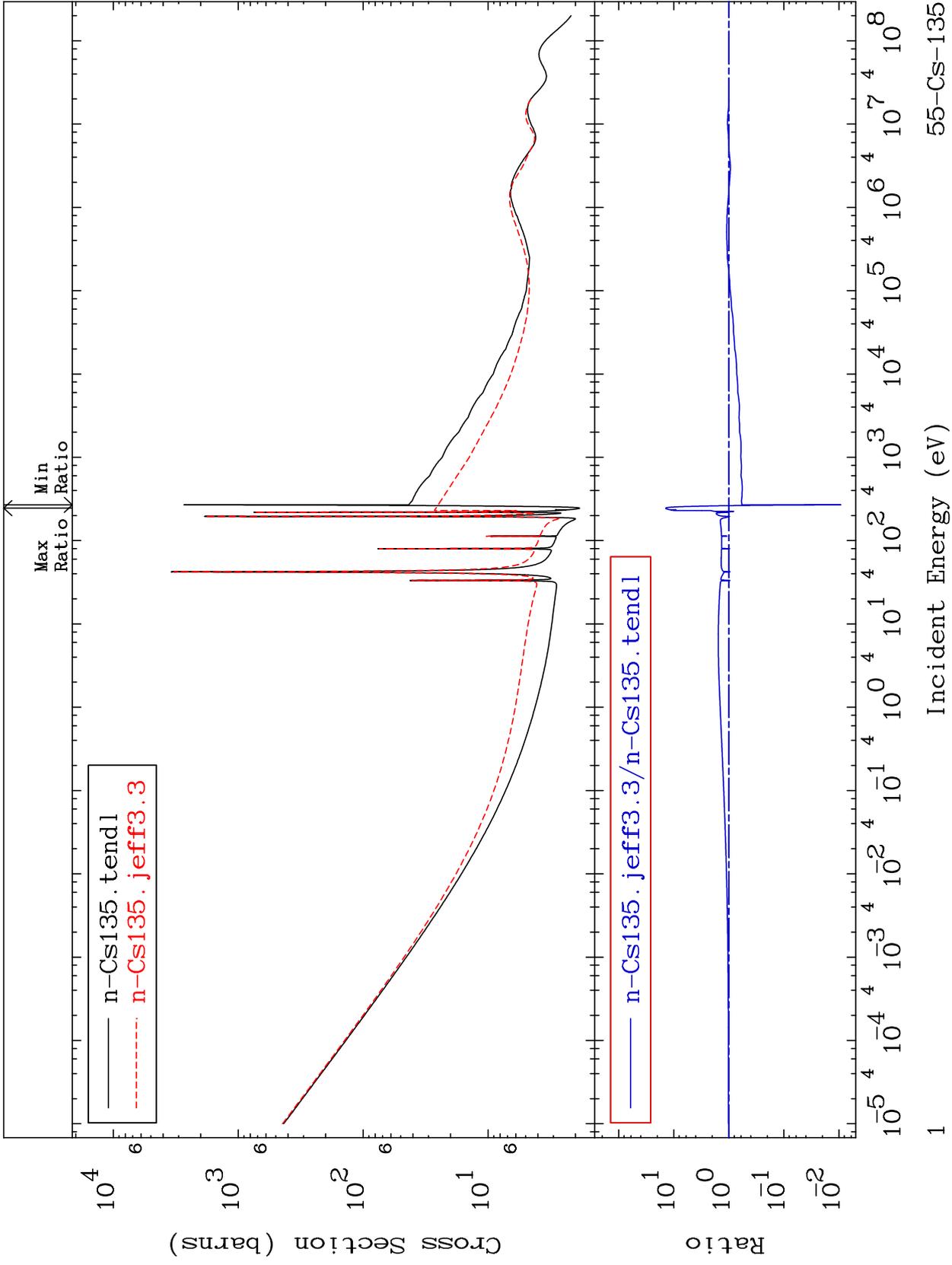


MAT 5531

Total Cross Section
55-Cs-135
-99.08 To 1316. %

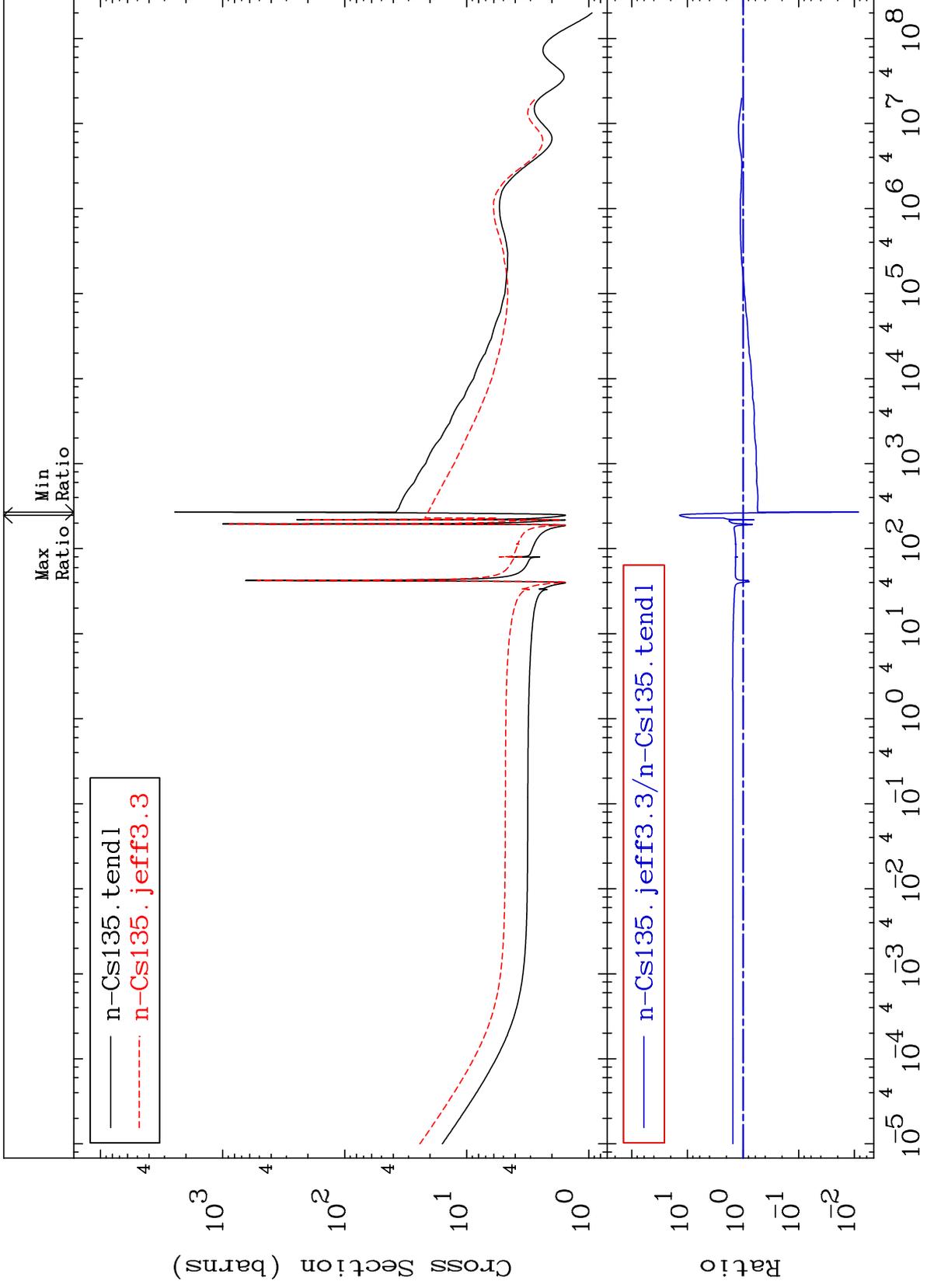


55-Cs-135

MAT 5531

Elastic
Cross Section

55-Cs-135
-99.16 To 1286. %



Incident Energy (eV)

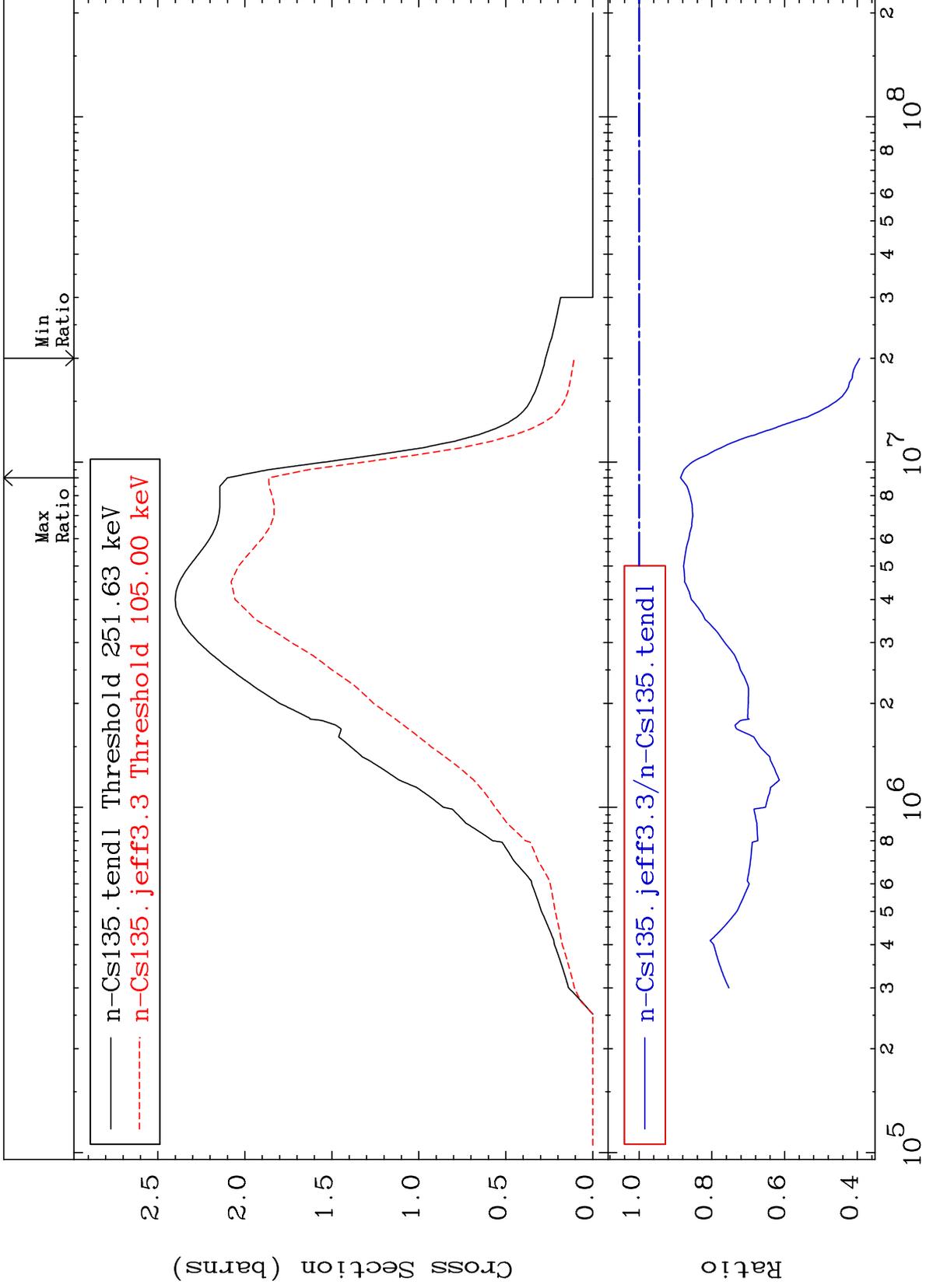
55-Cs-135

2

MAT 5531

Inelastic
Cross Section

55-Cs-135
-60.66 To -11.38%



Incident Energy (eV)

55-Cs-135

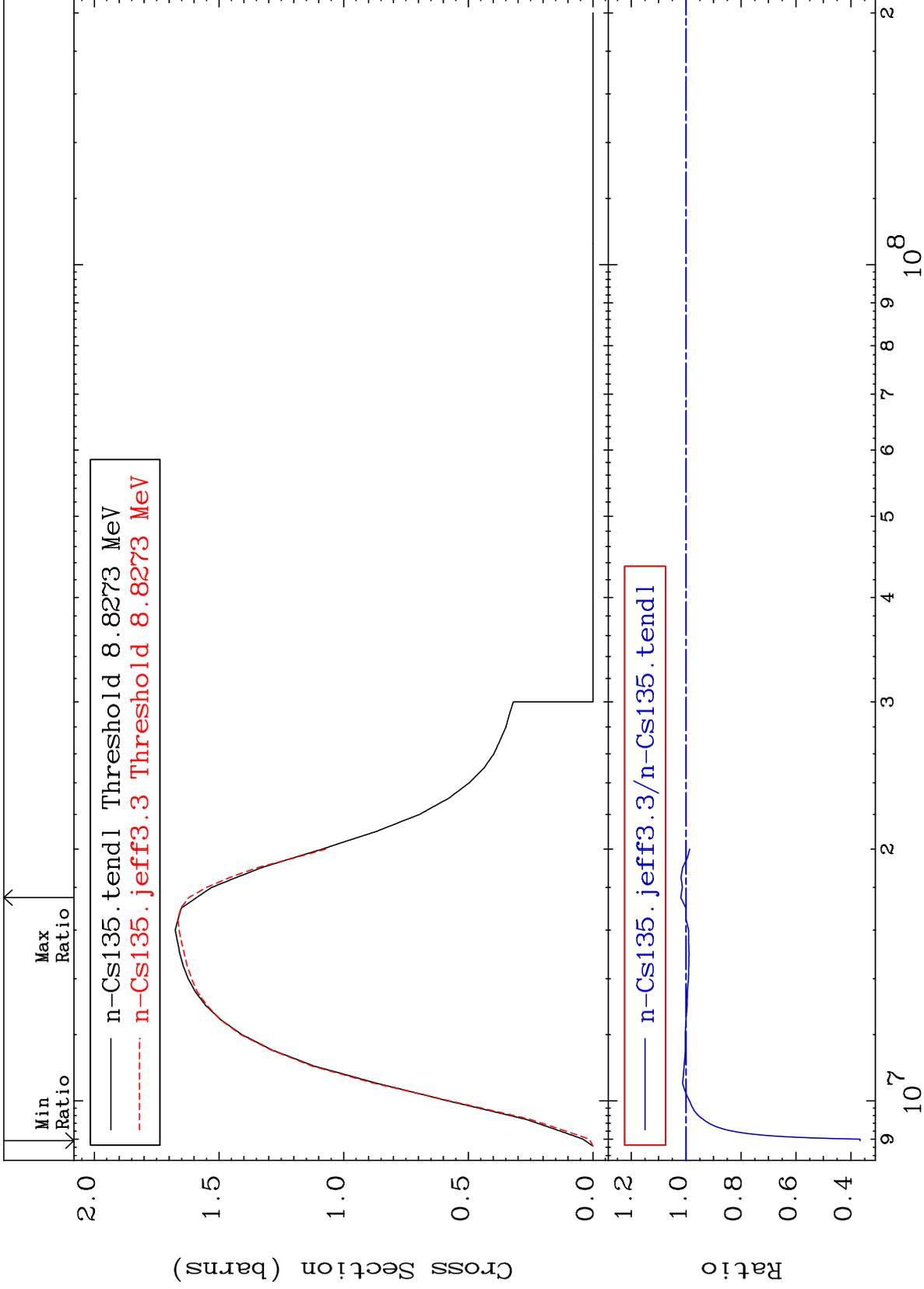
MAT 5531

(n,2n)

55-Cs-135

Cross Section

-63.36 To 1.955 %



4

Incident Energy (eV)

55-Cs-135

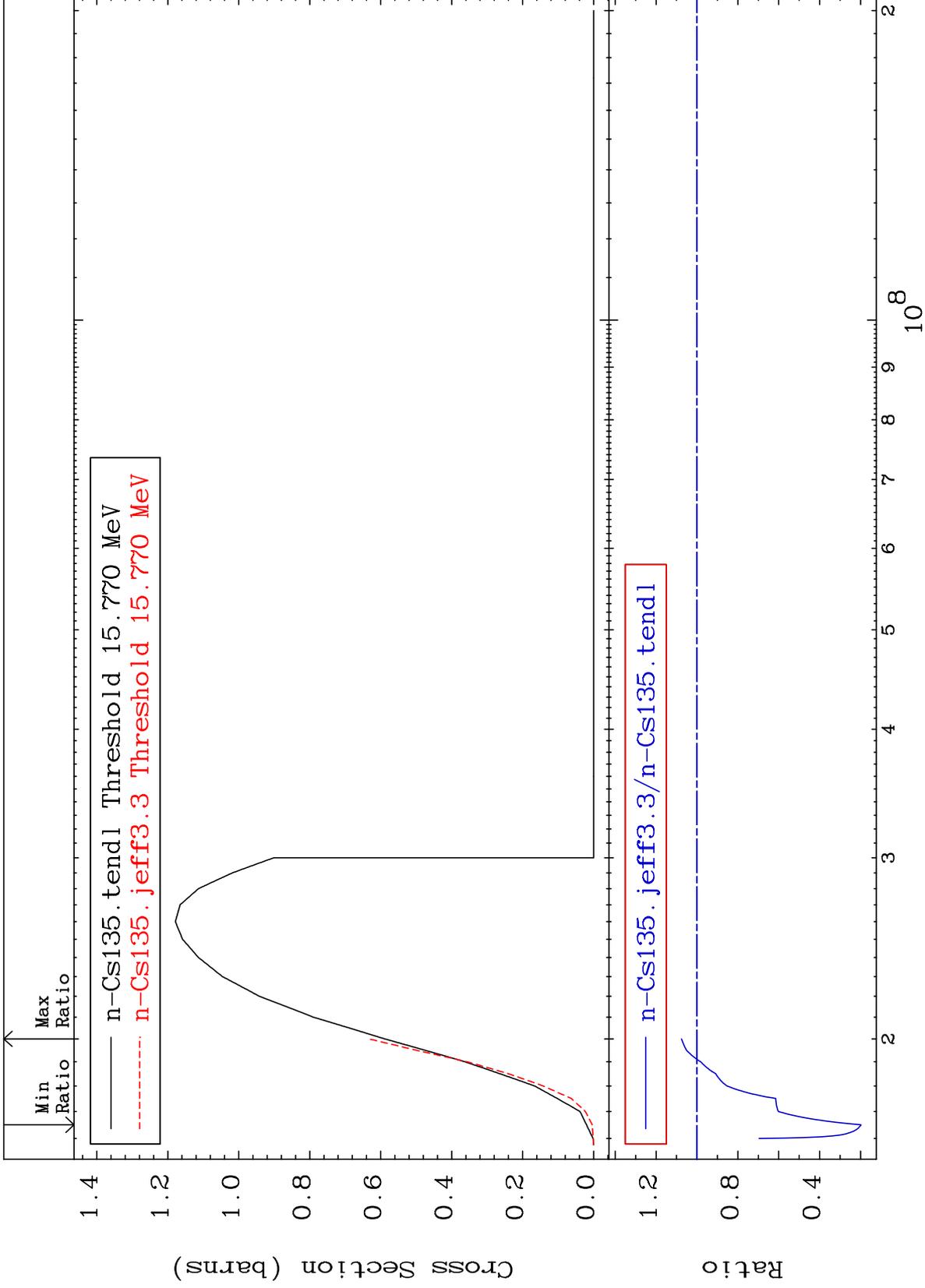
MAT 5531

(n,3n)

55-Cs-135

Cross Section

-80.25 To 7.570 %



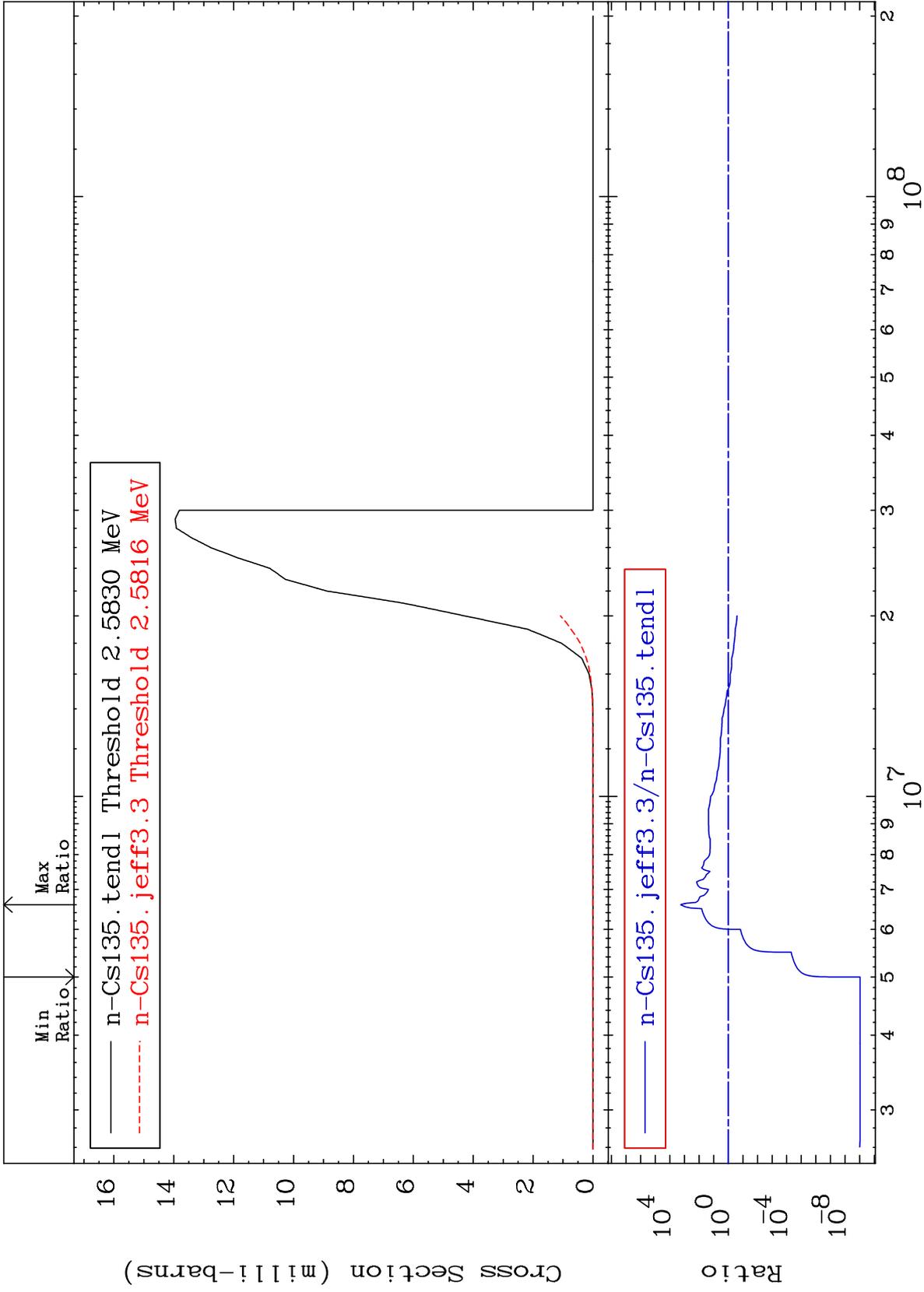
MAT 5531

(n,n') α

55-Cs-135

Cross Section

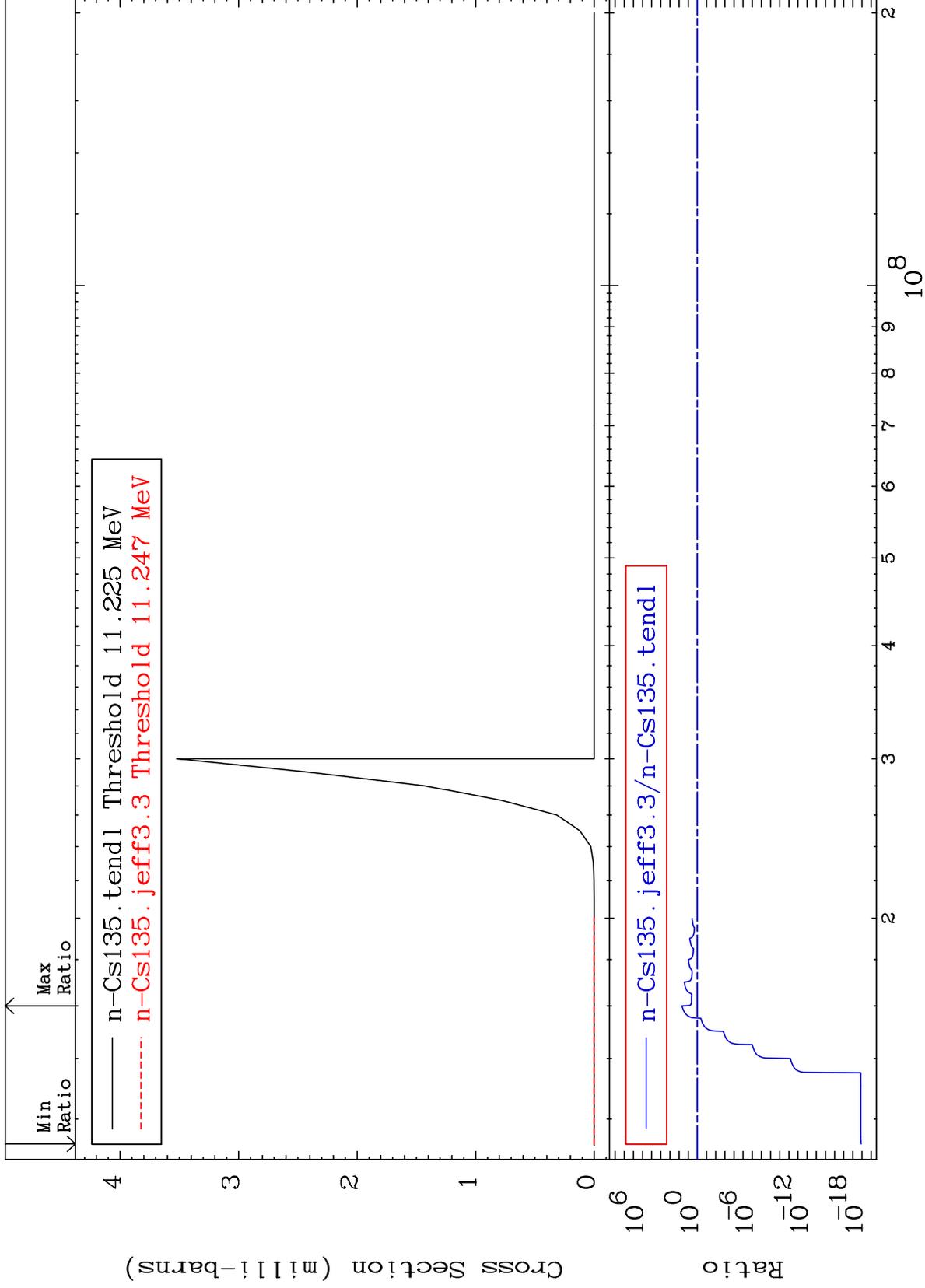
-100.0 To 9999. %



MAT 5531

(n,2n) α
Cross Section

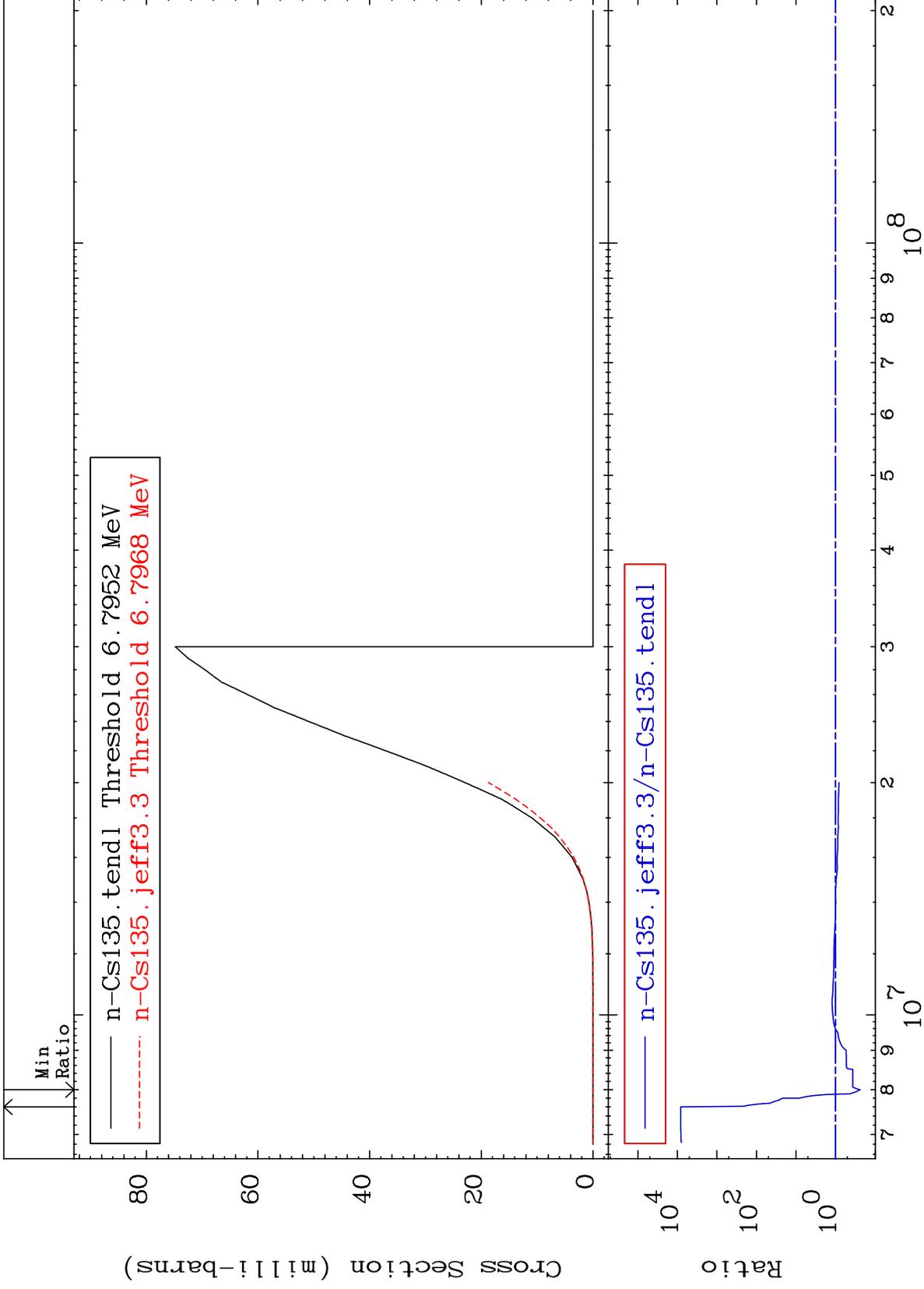
55-Cs-135
-100.0 To 4853. %



MAT 5531

(n,n') p
Cross Section

55-Cs-135
-76.11 To 9999. %



8

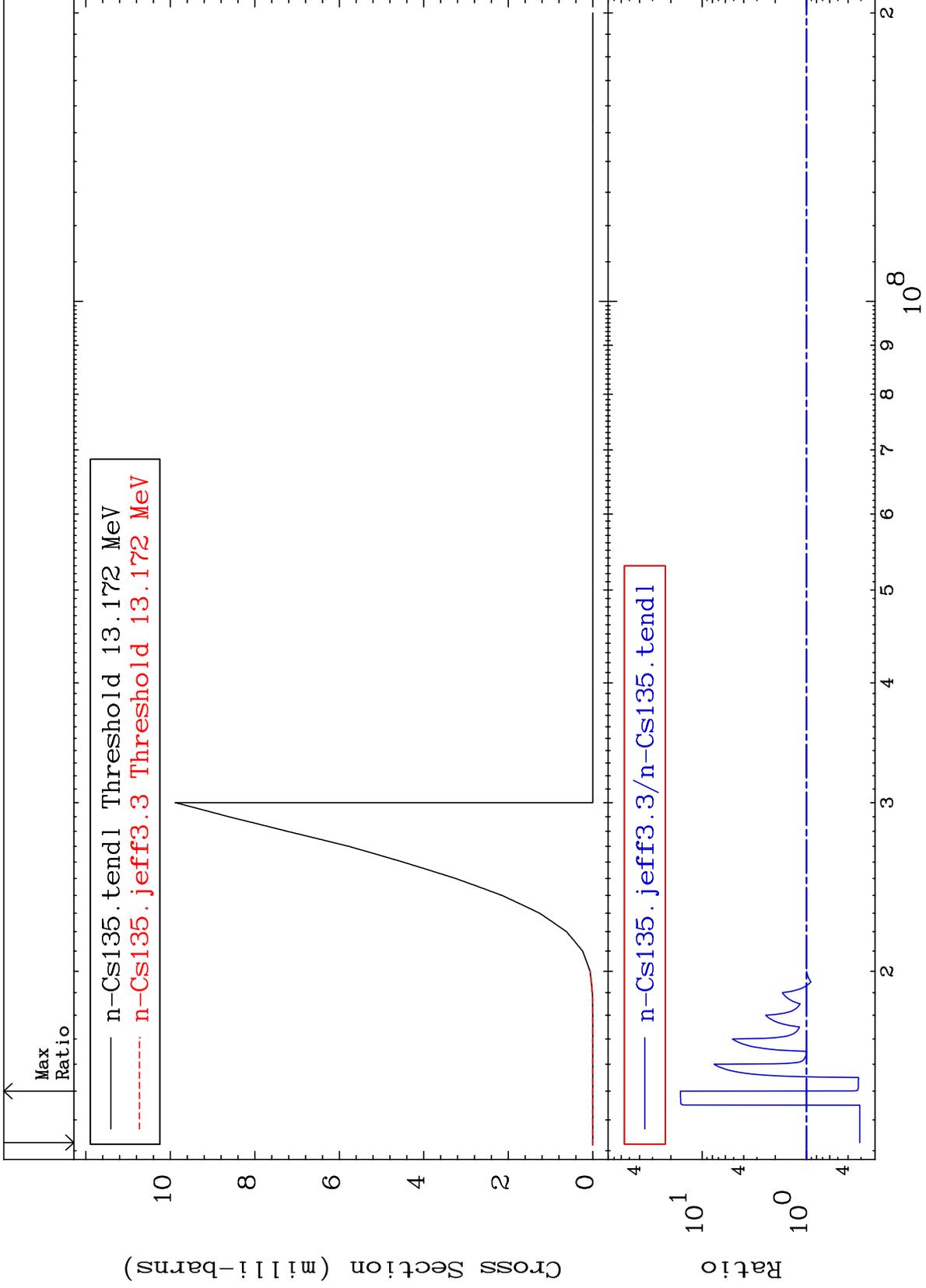
Incident Energy (eV)

55-Cs-135

MAT 5531

(n,n') d
Cross Section

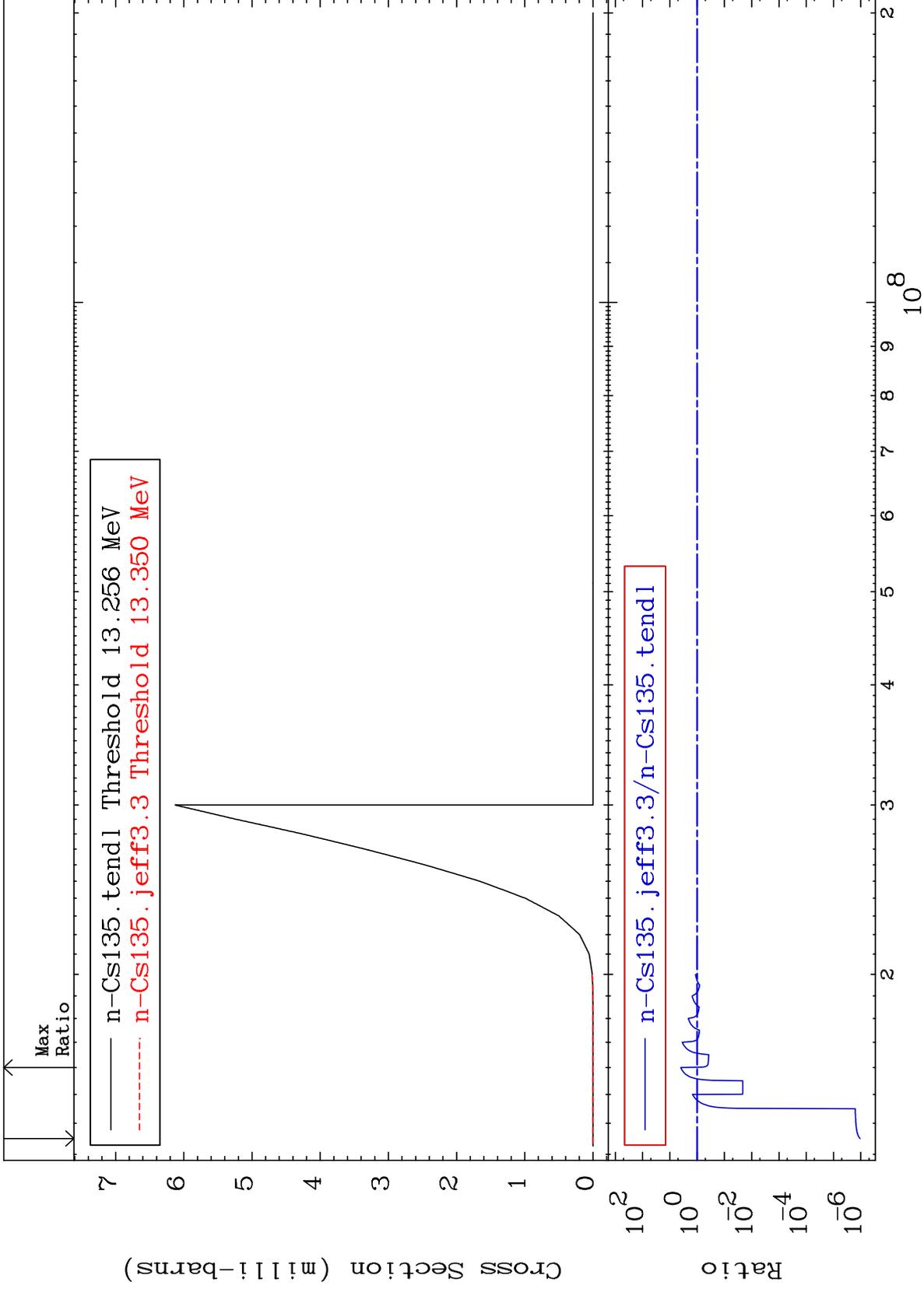
55-Cs-135
-69.14 To 1516. %



MAT 5531

(n,n') t
Cross Section

55-Cs-135
-100.0 To 298.5 %



10

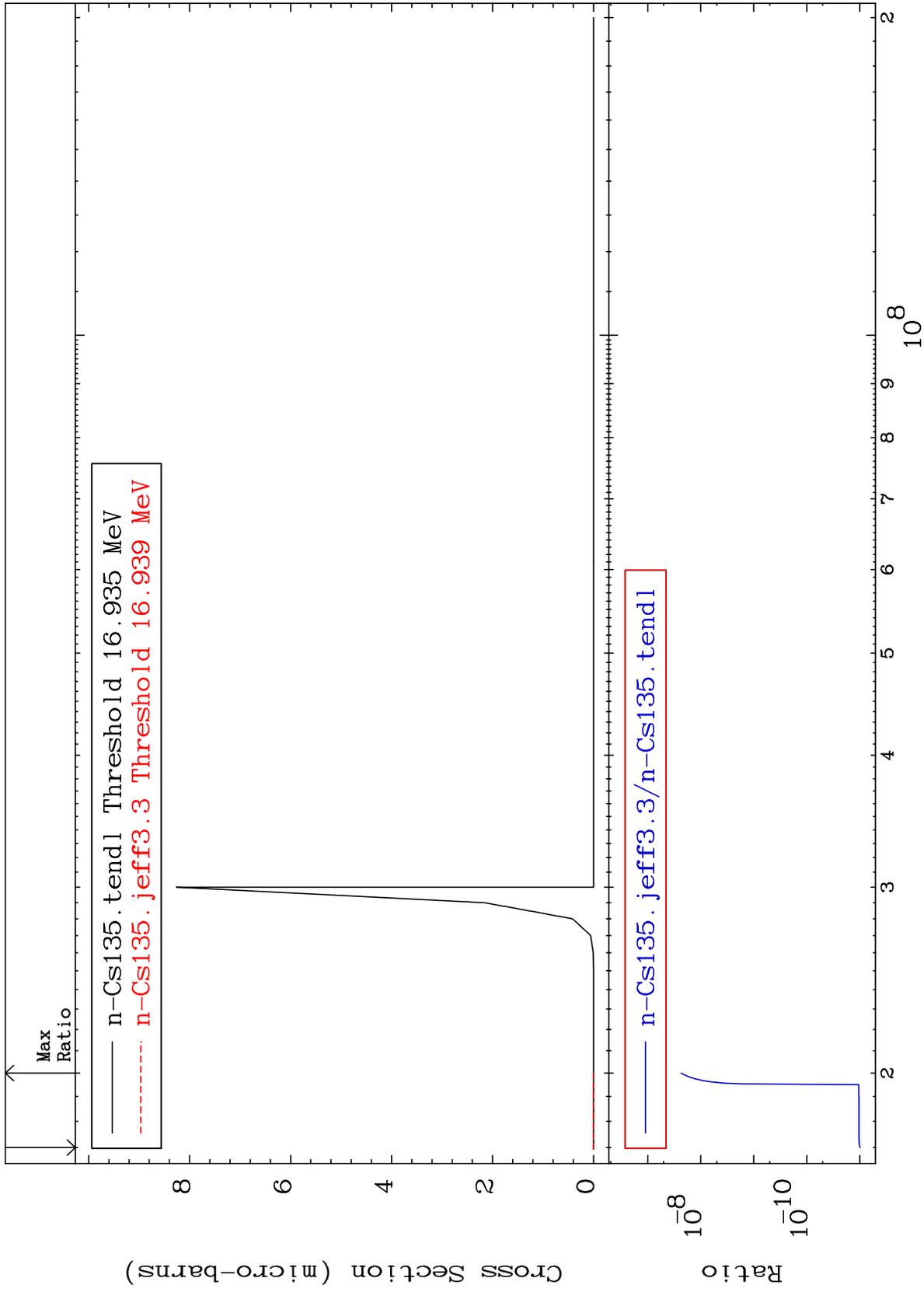
Incident Energy (eV)

55-Cs-135

MAT 5531

(n, n') He-3
Cross Section

55-Cs-135
-100.0 To -100.0%



11

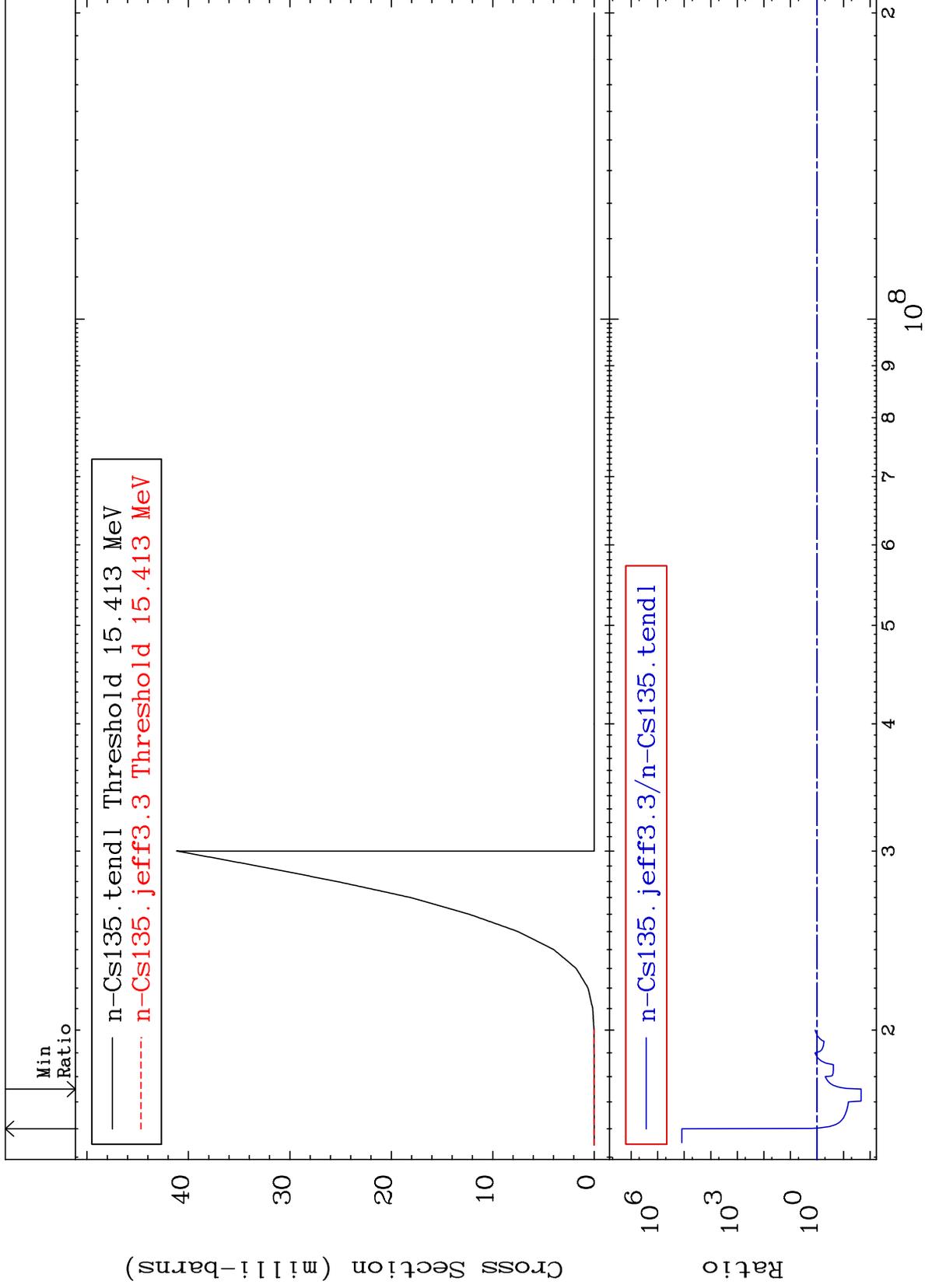
Incident Energy (eV)

55-Cs-135

MAT 5531

(n,2n) p
Cross Section

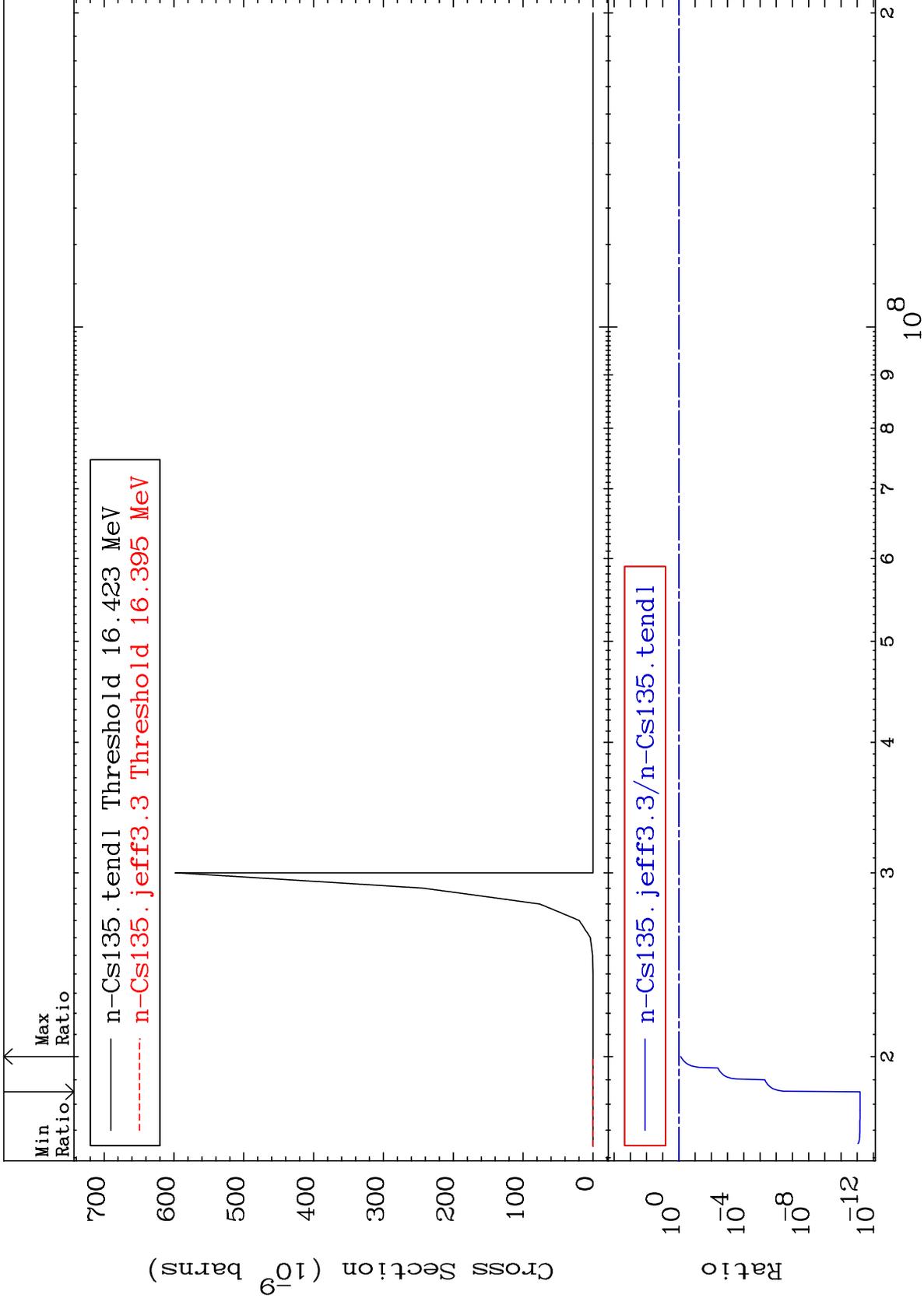
55-Cs-135
-97.82 To 9999. %



MAT 5531

(n,2n) p
Cross Section

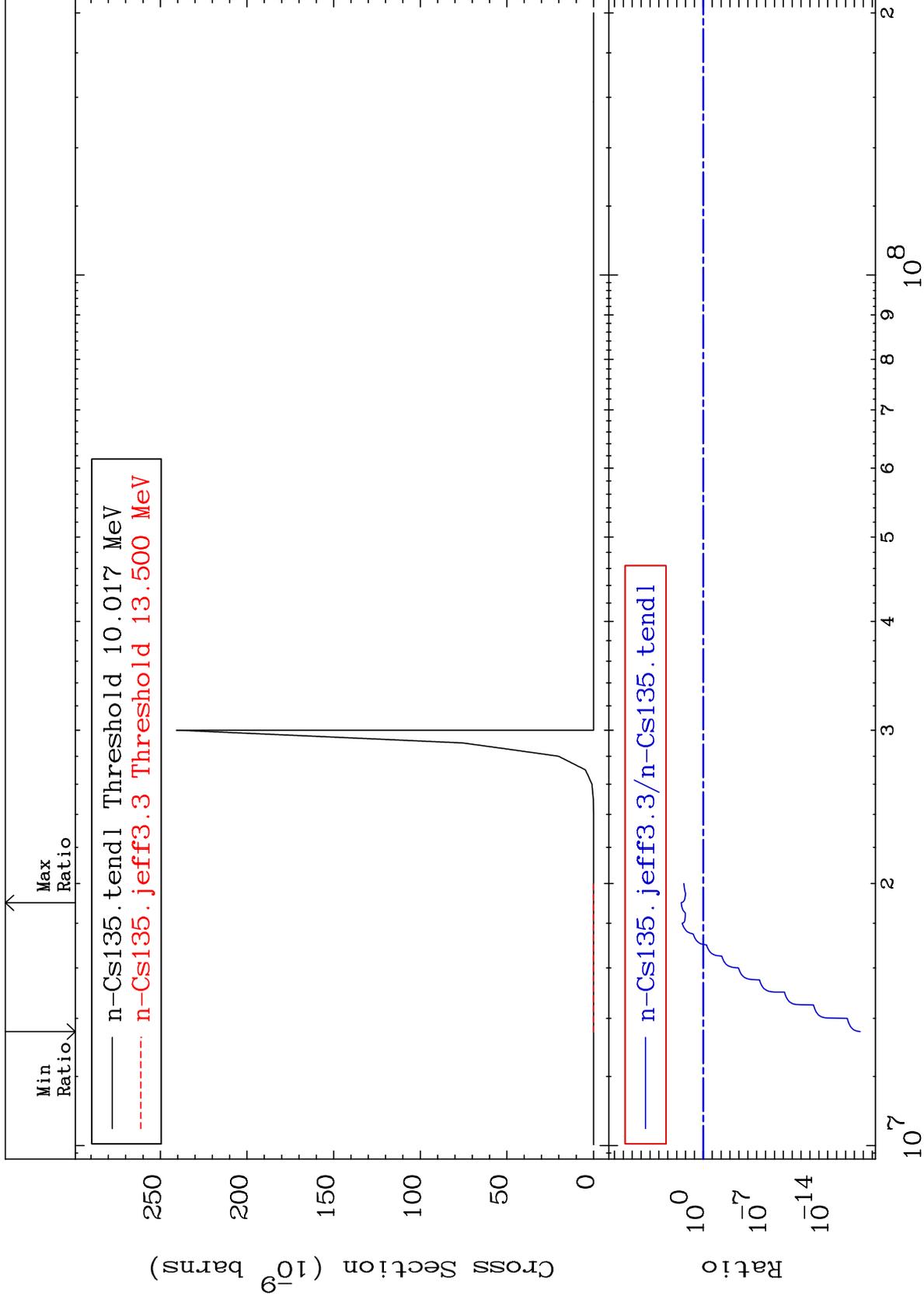
55-Cs-135
-100.0 To -22.68%



MAT 5531

(n,n') p α
Cross Section

55-Cs-135
-100.0 To 9999. %



14

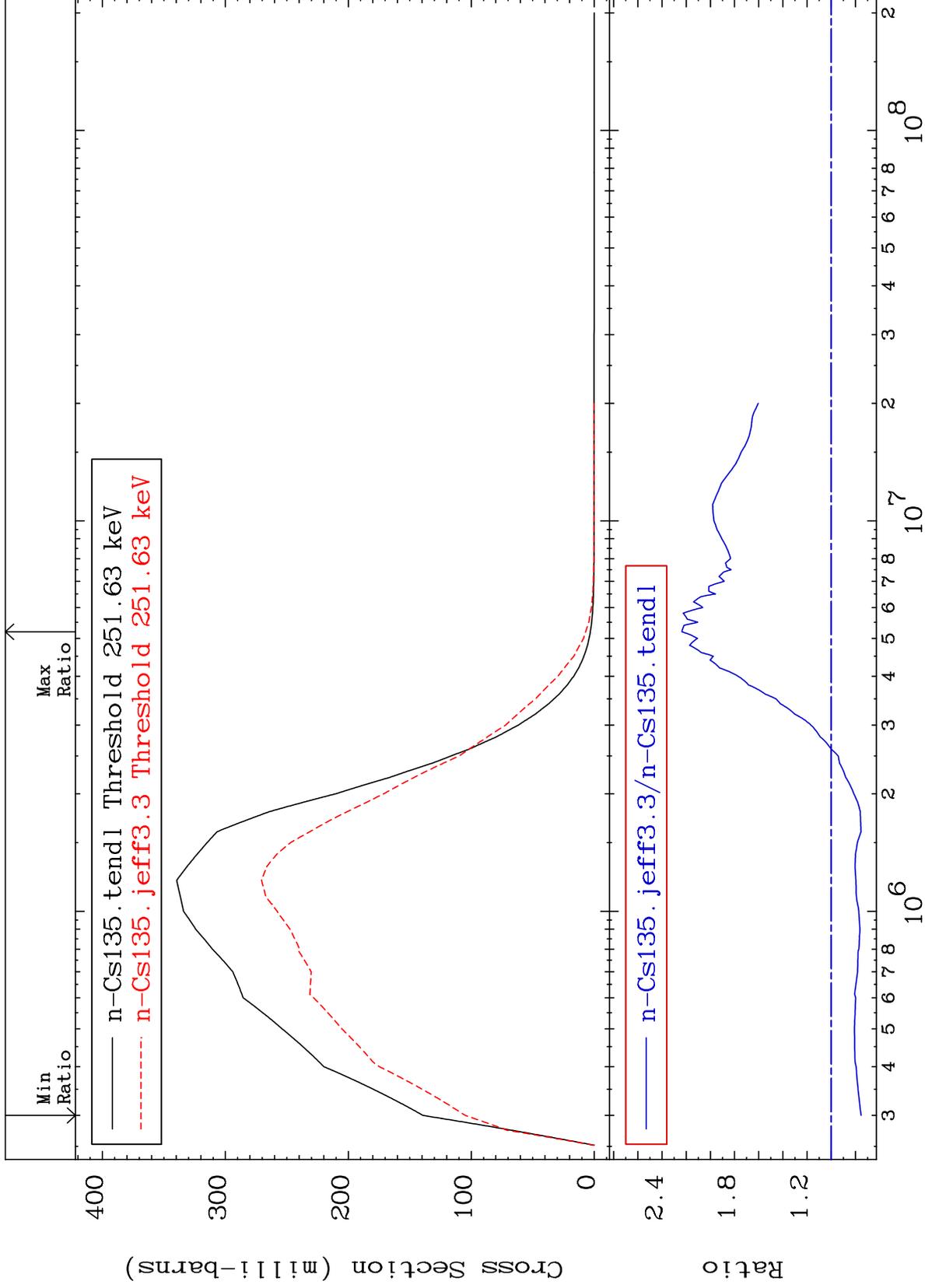
Incident Energy (eV)

55-Cs-135

MAT 5531

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

55-Cs-135
-24.66 To 123.5 %



15

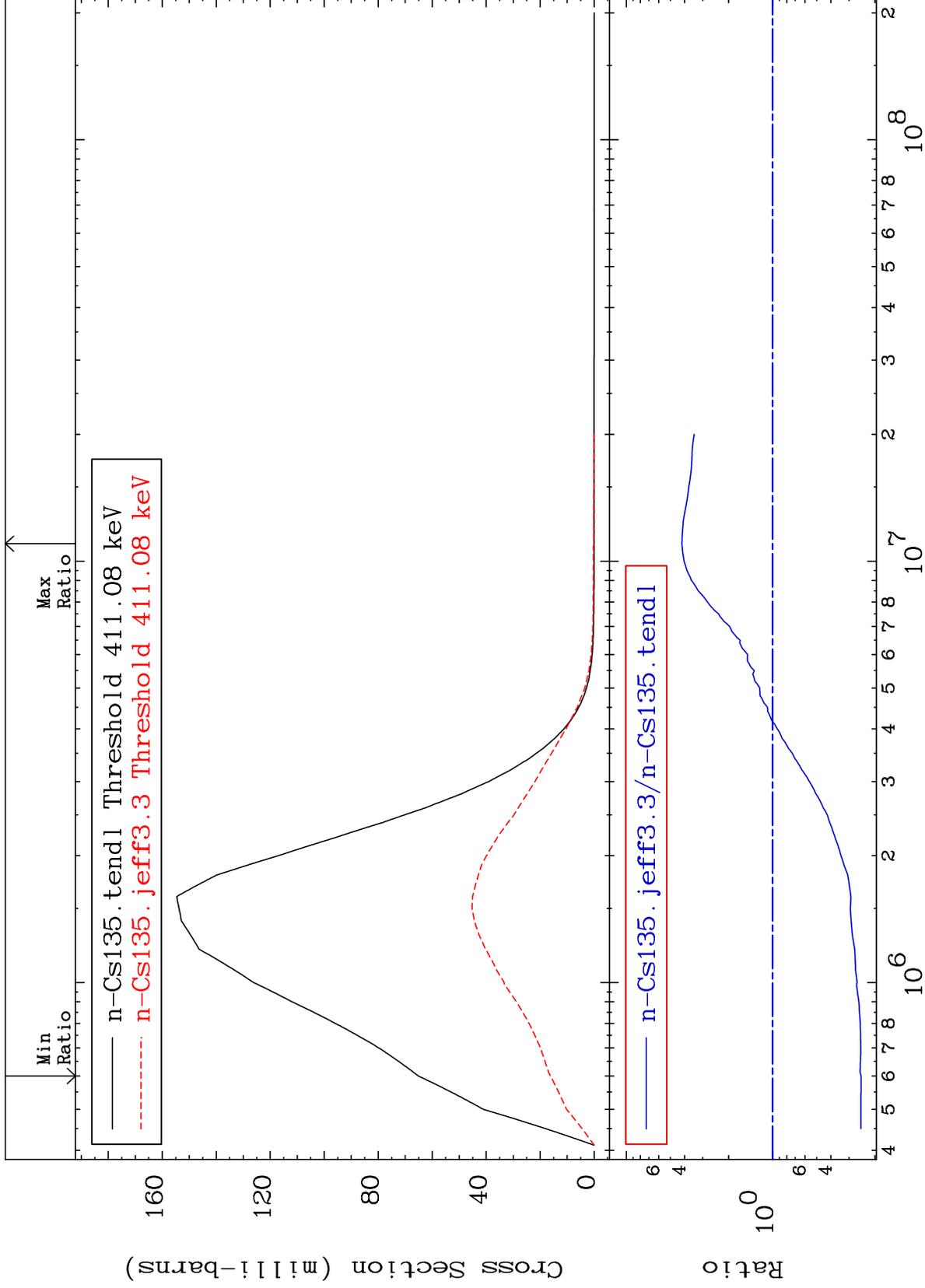
Incident Energy (eV)

55-Cs-135

MAT 5531

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

55-Cs-135
-75.17 To 316.5 %



16

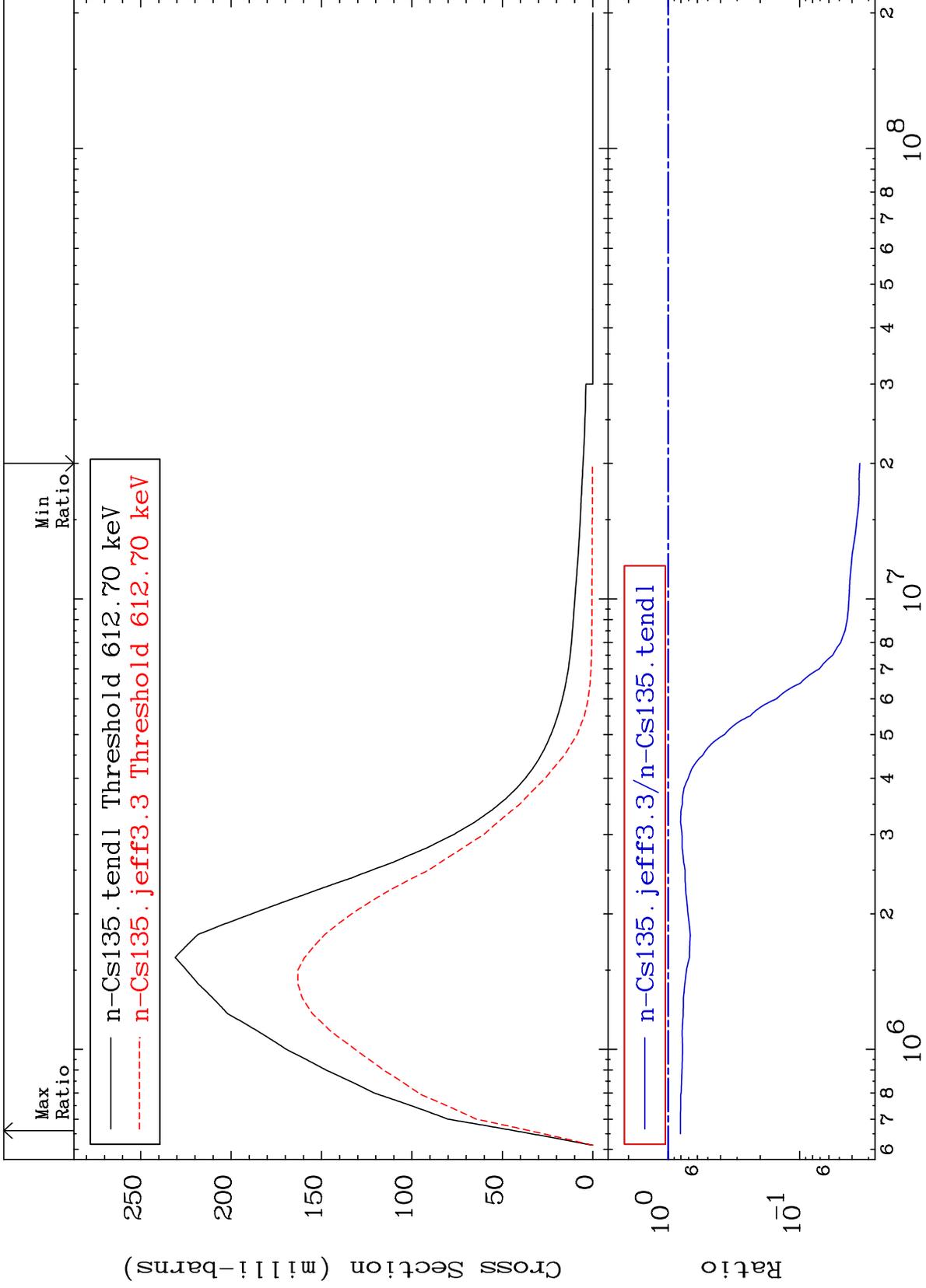
Incident Energy (eV)

55-Cs-135

MAT 5531

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

55-Cs-135
-96.50 To -19.49%



17

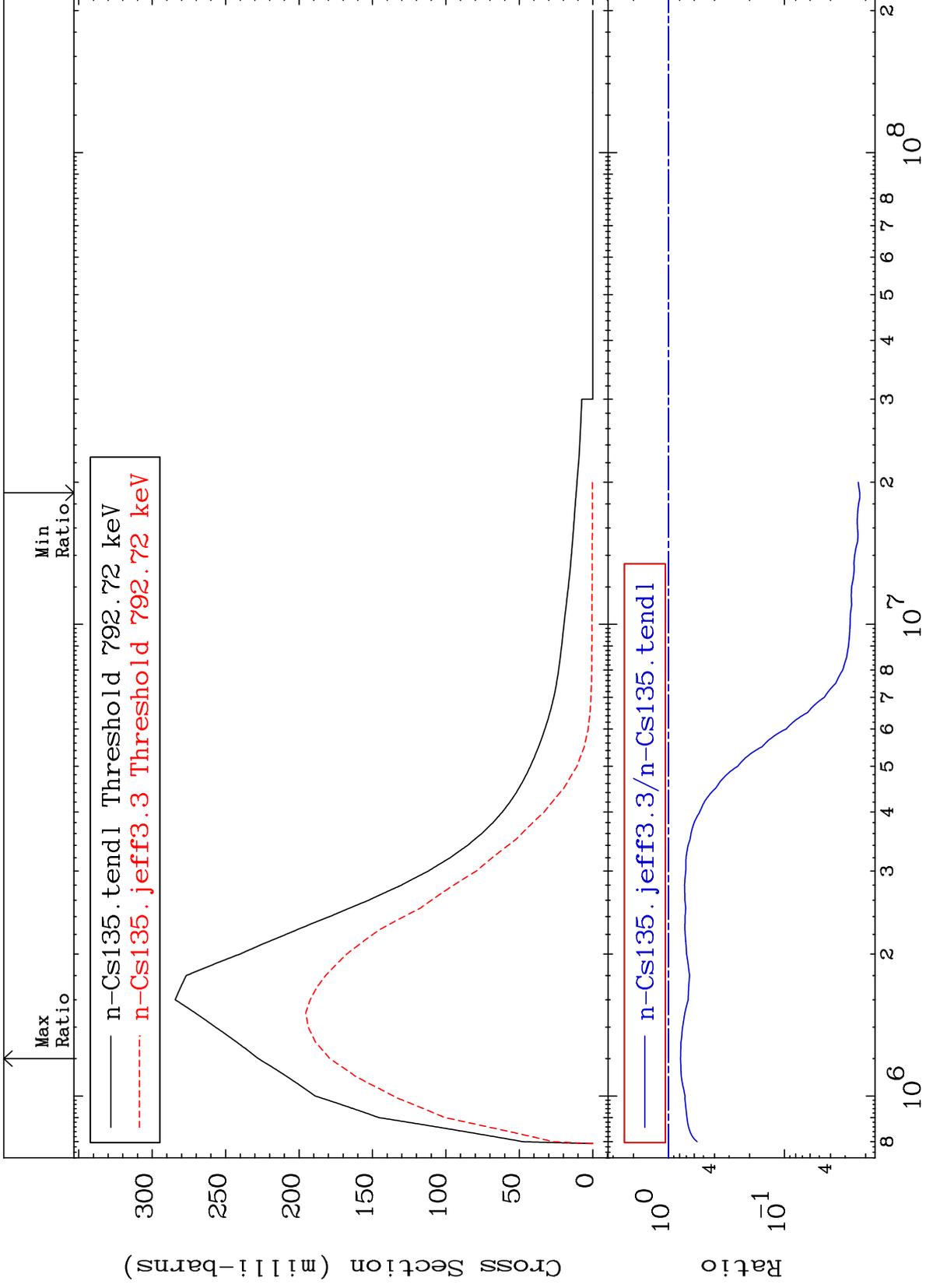
Incident Energy (eV)

55-Cs-135

MAT 5531

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

55-Cs-135
-97.76 To -21.36%



18

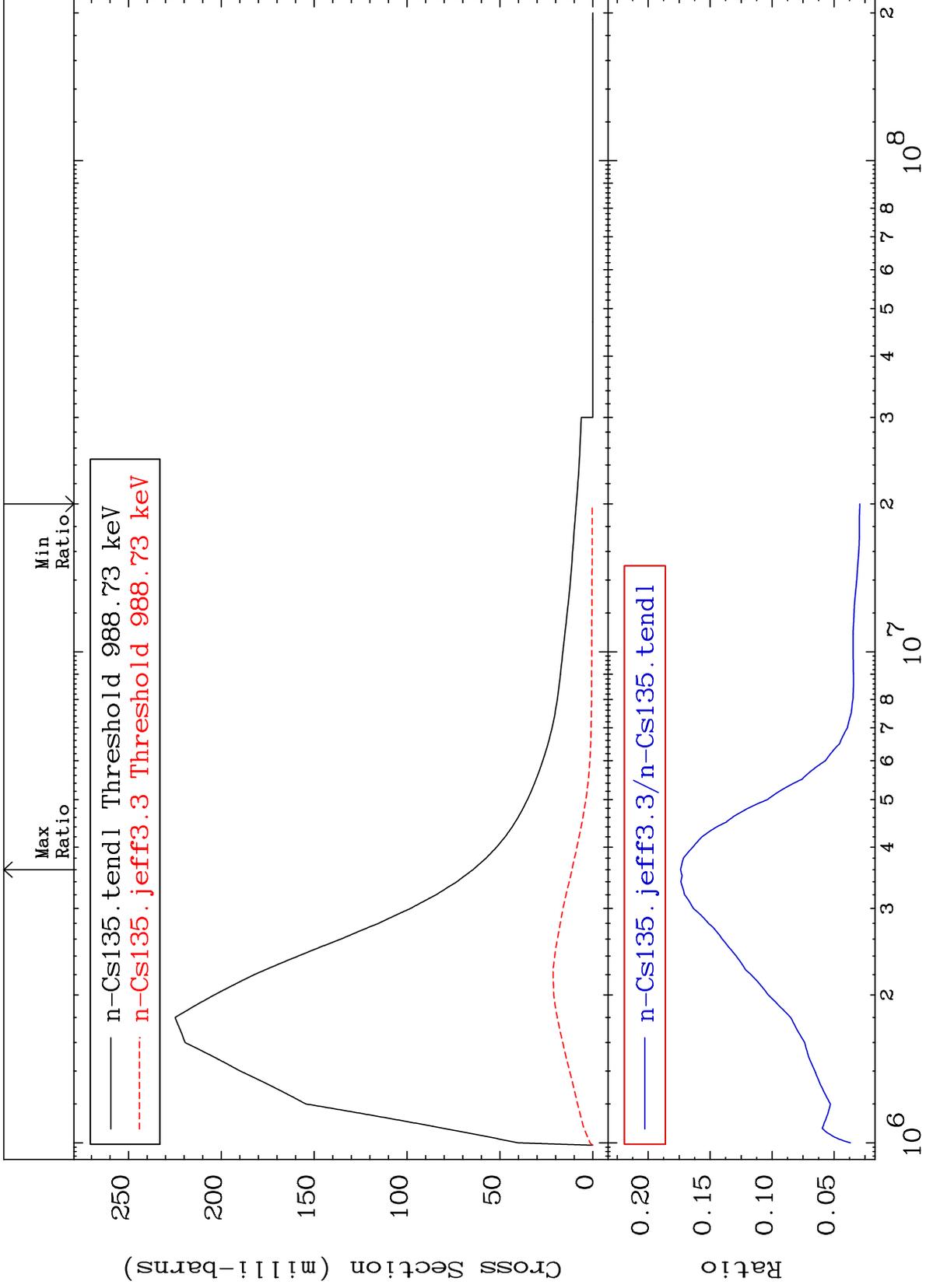
Incident Energy (eV)

55-Cs-135

MAT 5531

MT= 55 (n,n') Level
Cross Section

55-Cs-135
-97.07 To -82.61%



19

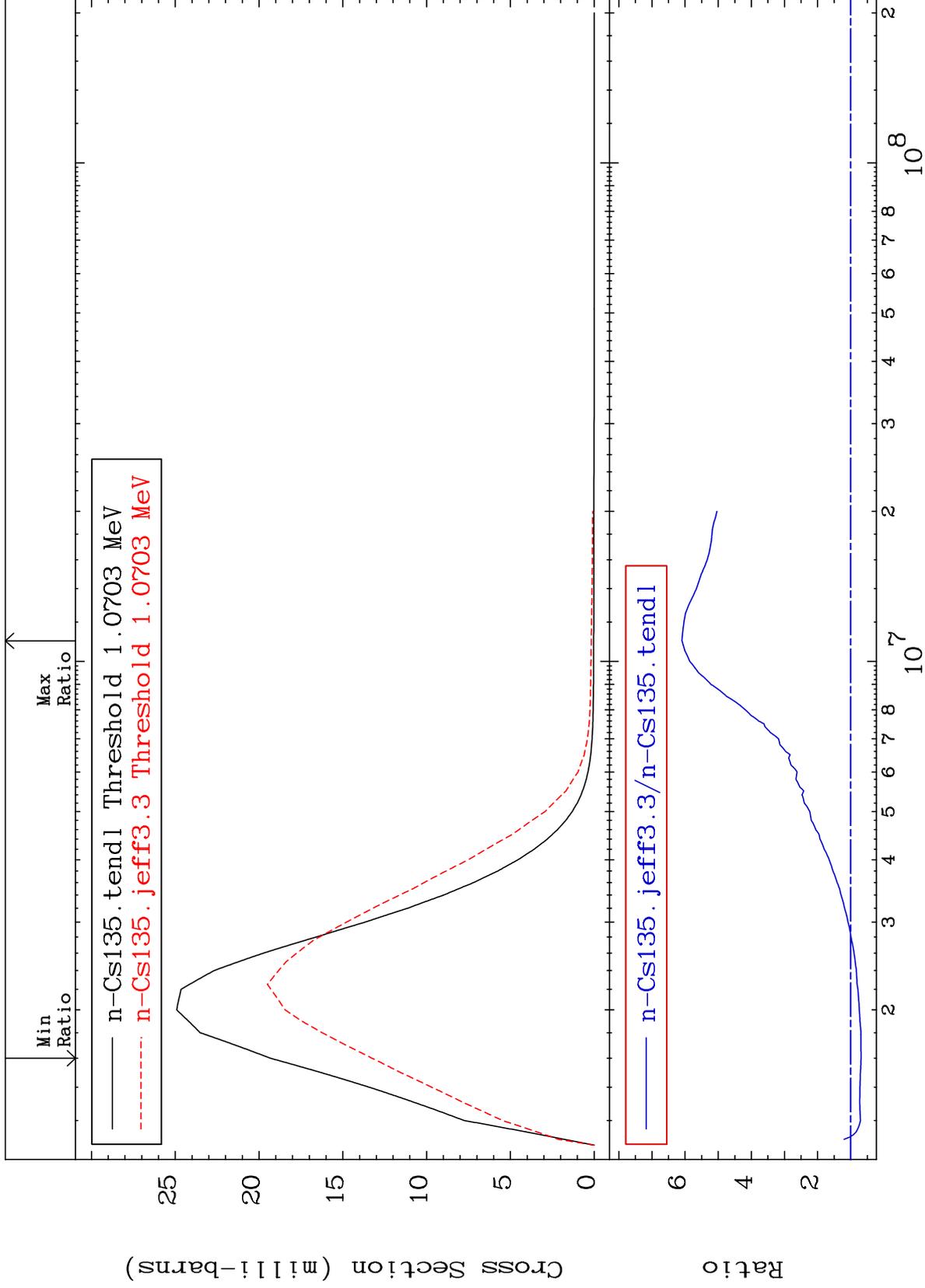
Incident Energy (eV)

55-Cs-135

MAT 5531

MT= 56 (n,n') Level
Cross Section

55-Cs-135
-31.39 To 509.6 %



20

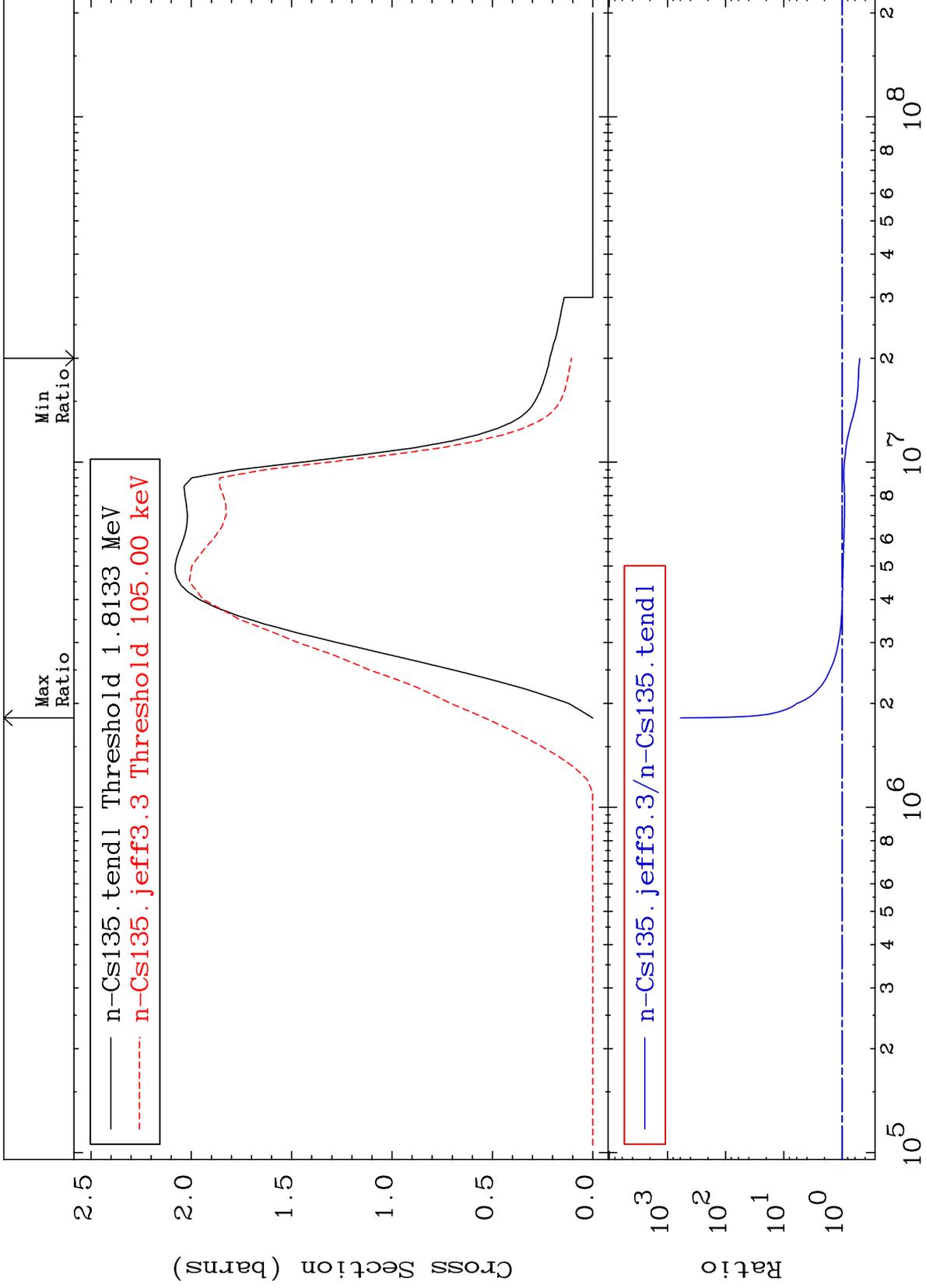
Incident Energy (eV)

55-Cs-135

MAT 5531

(n, n') Continuum
Cross Section

55-Cs-135
-50.58 To 9999. %



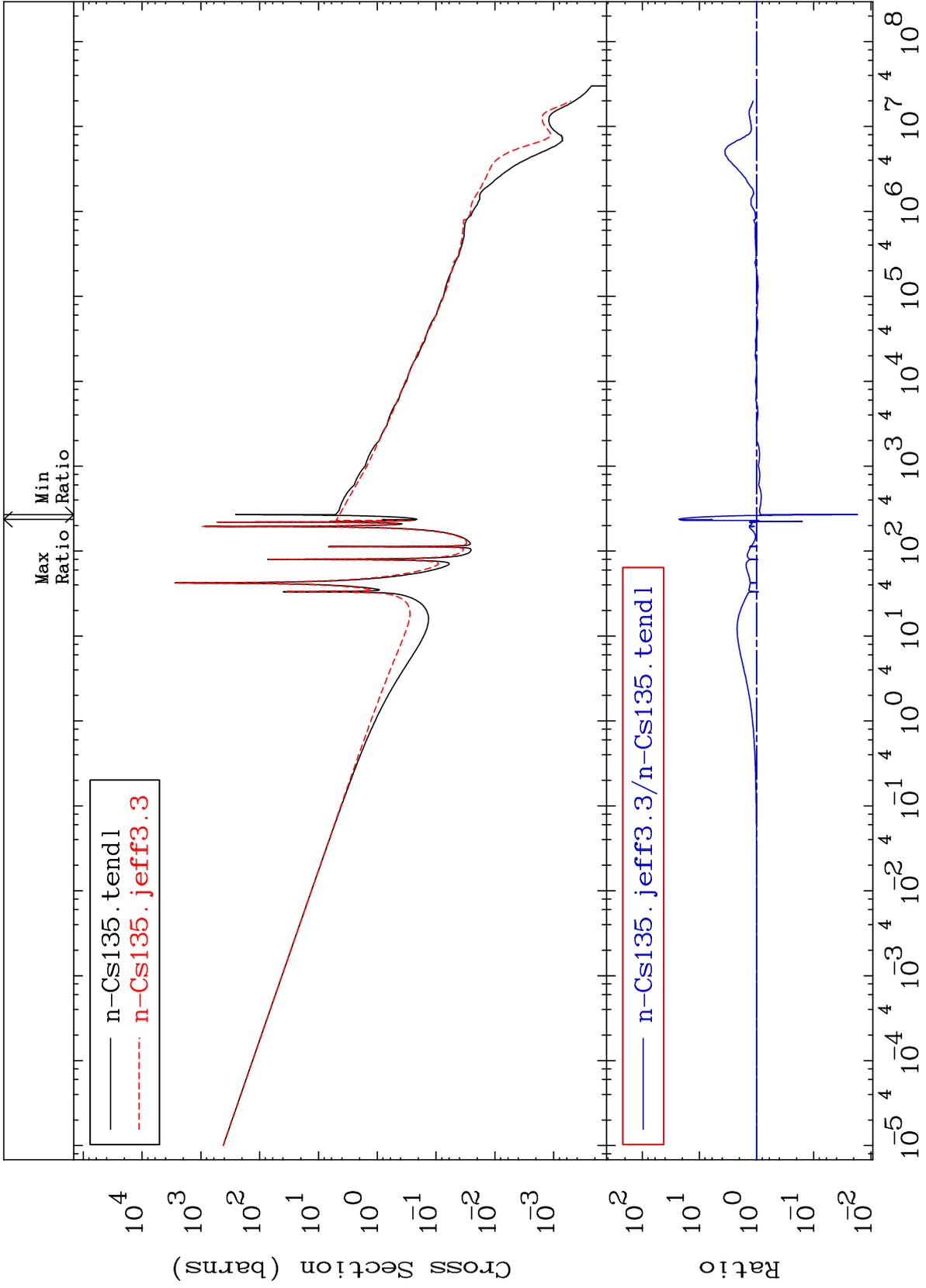
21

Incident Energy (eV)

55-Cs-135

MAT 5531

(n, γ)
Cross Section
55-Cs-135
-98.29 To 2199. %



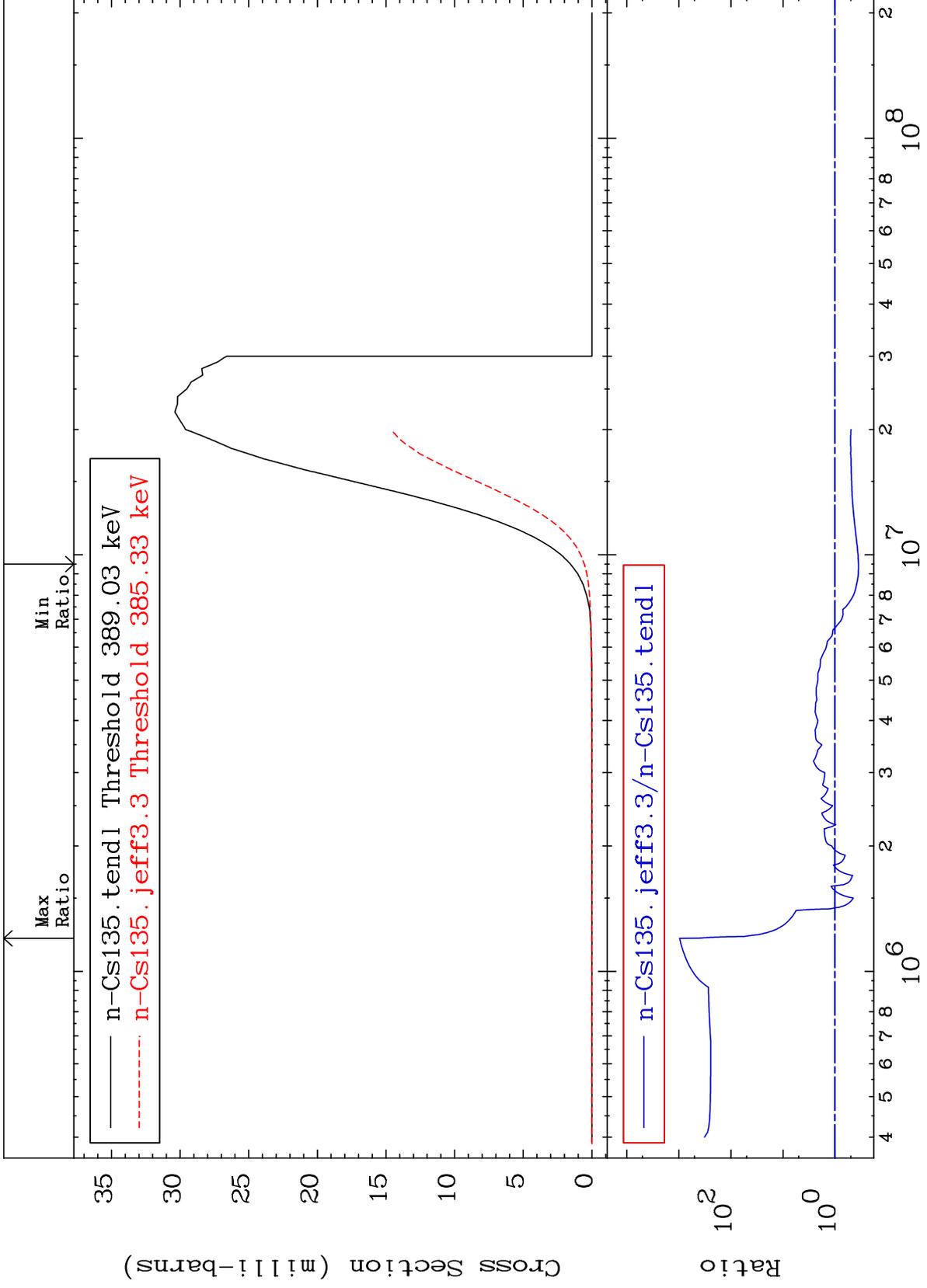
MAT 5531

(n,p)

55-Cs-135

Cross Section

-64.59 To 9999. %



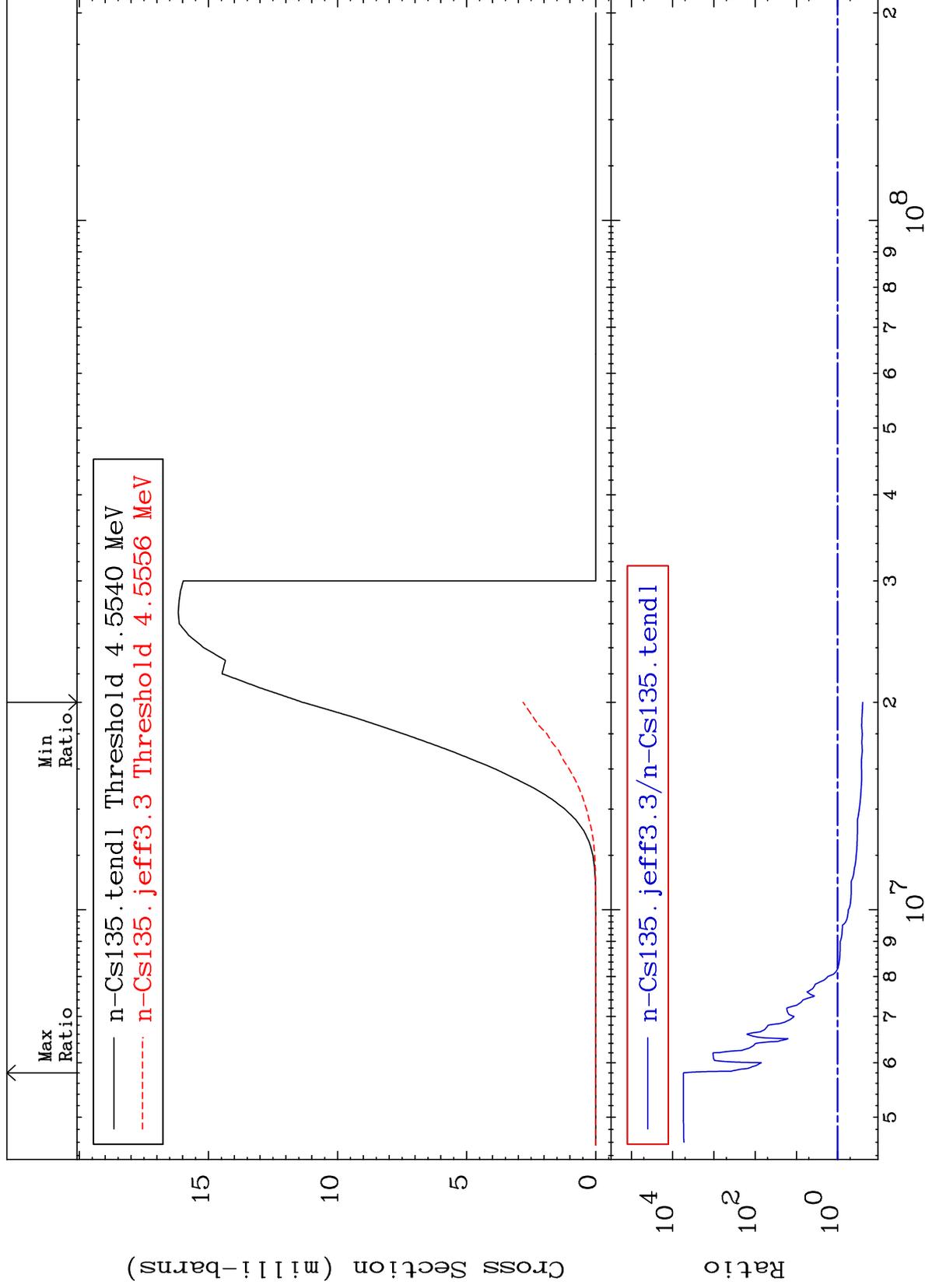
MAT 5531

(n, d)

55-Cs-135

Cross Section

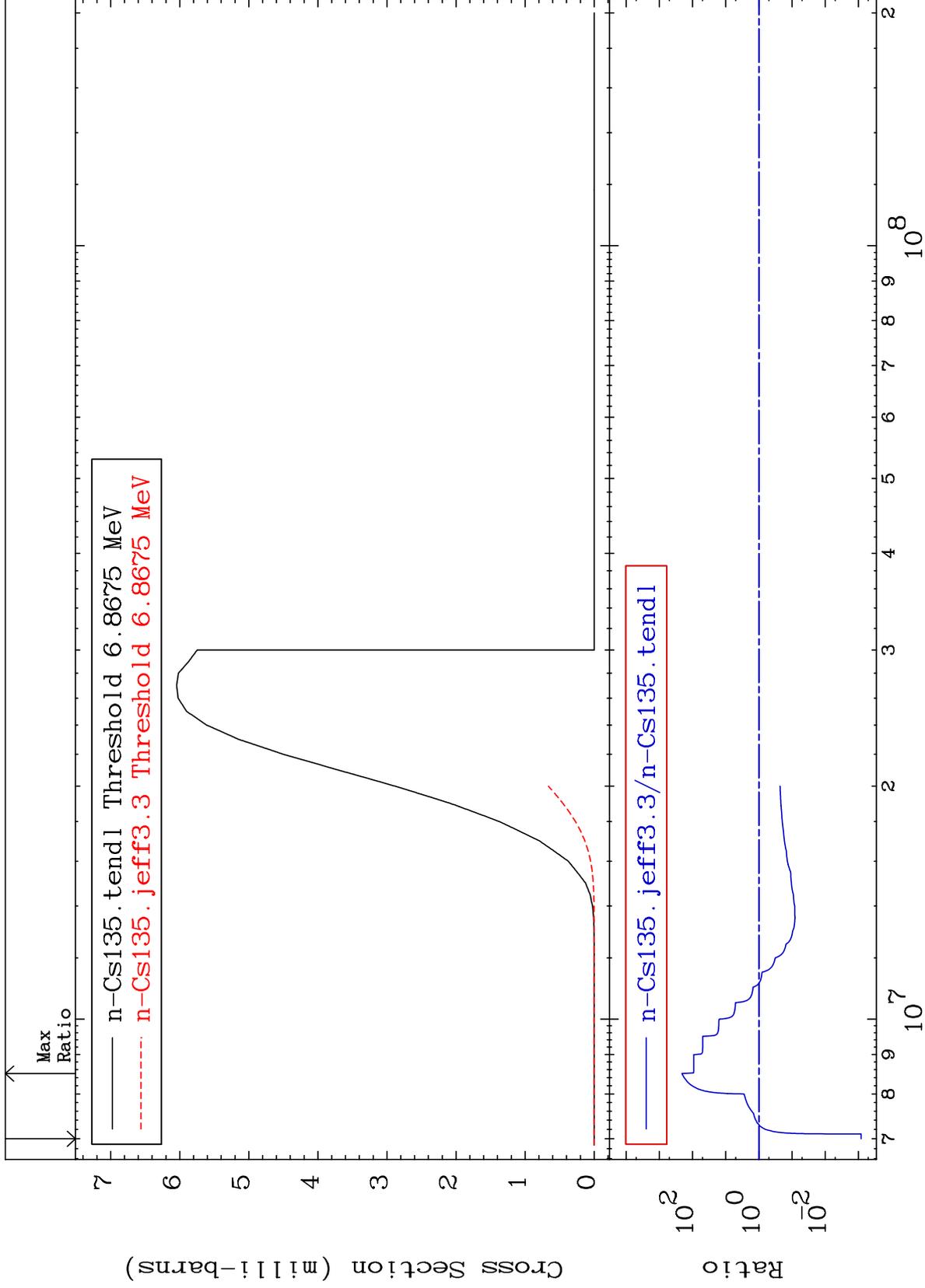
-75.22 To 9999. %



MAT 5531

(n, t)
Cross Section

55-Cs-135
-99.92 To 9999. %



25

Incident Energy (eV)

55-Cs-135

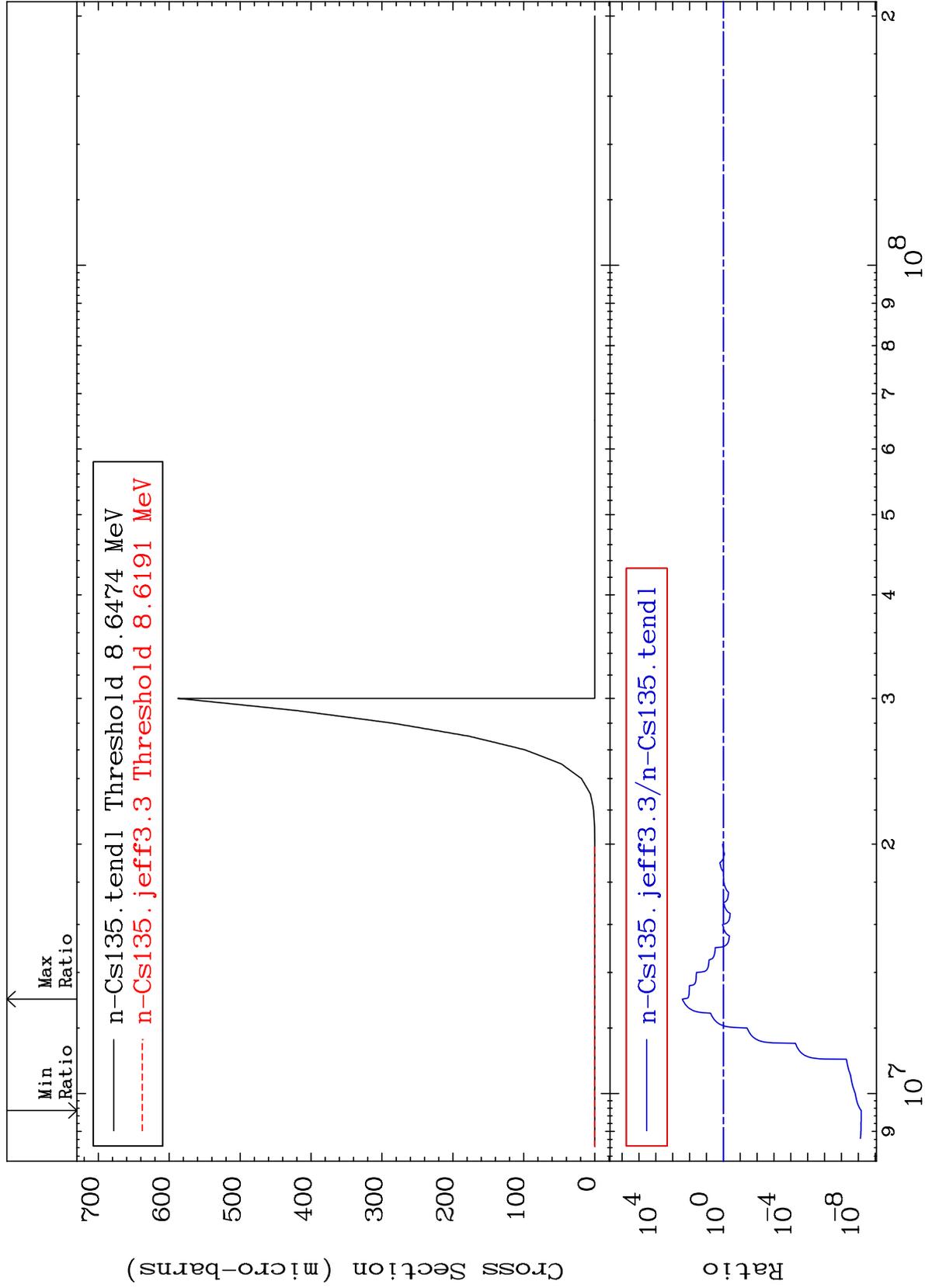
MAT 5531

(n, He-3)

55-Cs-135

Cross Section

-100.0 To 9999. %



26

Incident Energy (eV)

55-Cs-135

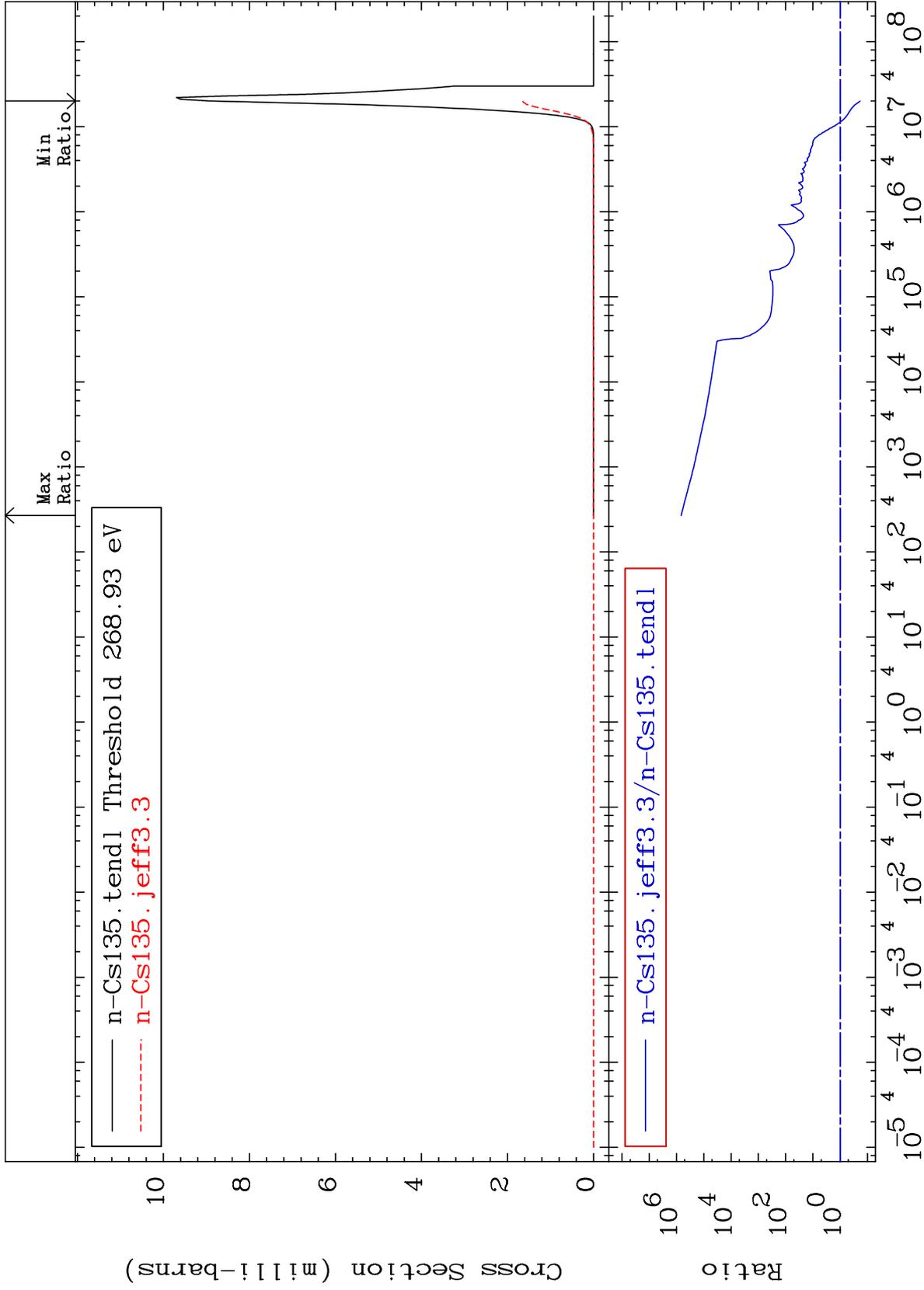
MAT 5531

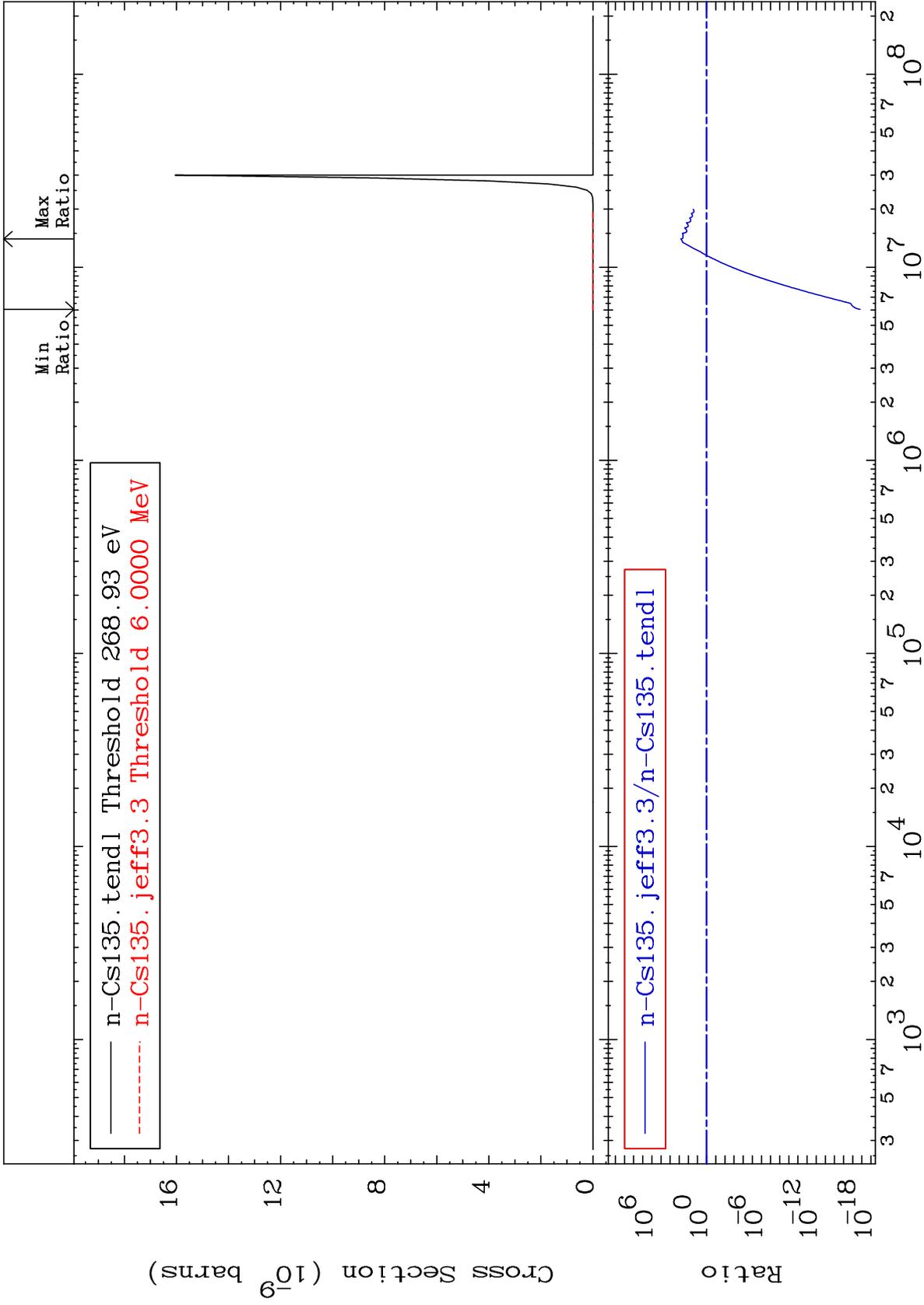
(n, α)

55-Cs-135

Cross Section

-81.53 To 9999. %





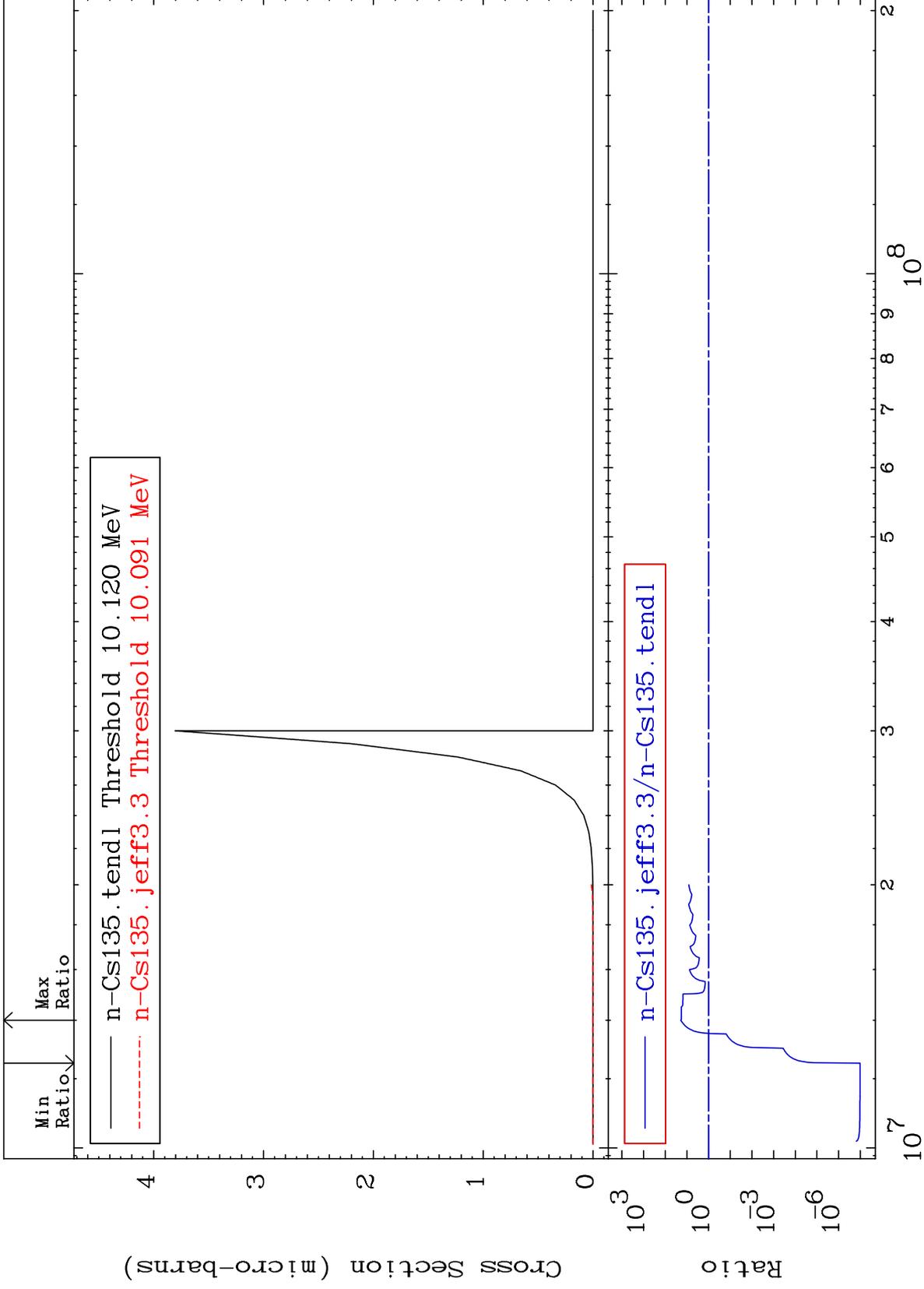
MAT 5531

(n,2p)

55-Cs-135

Cross Section

-100.0 To 1823. %



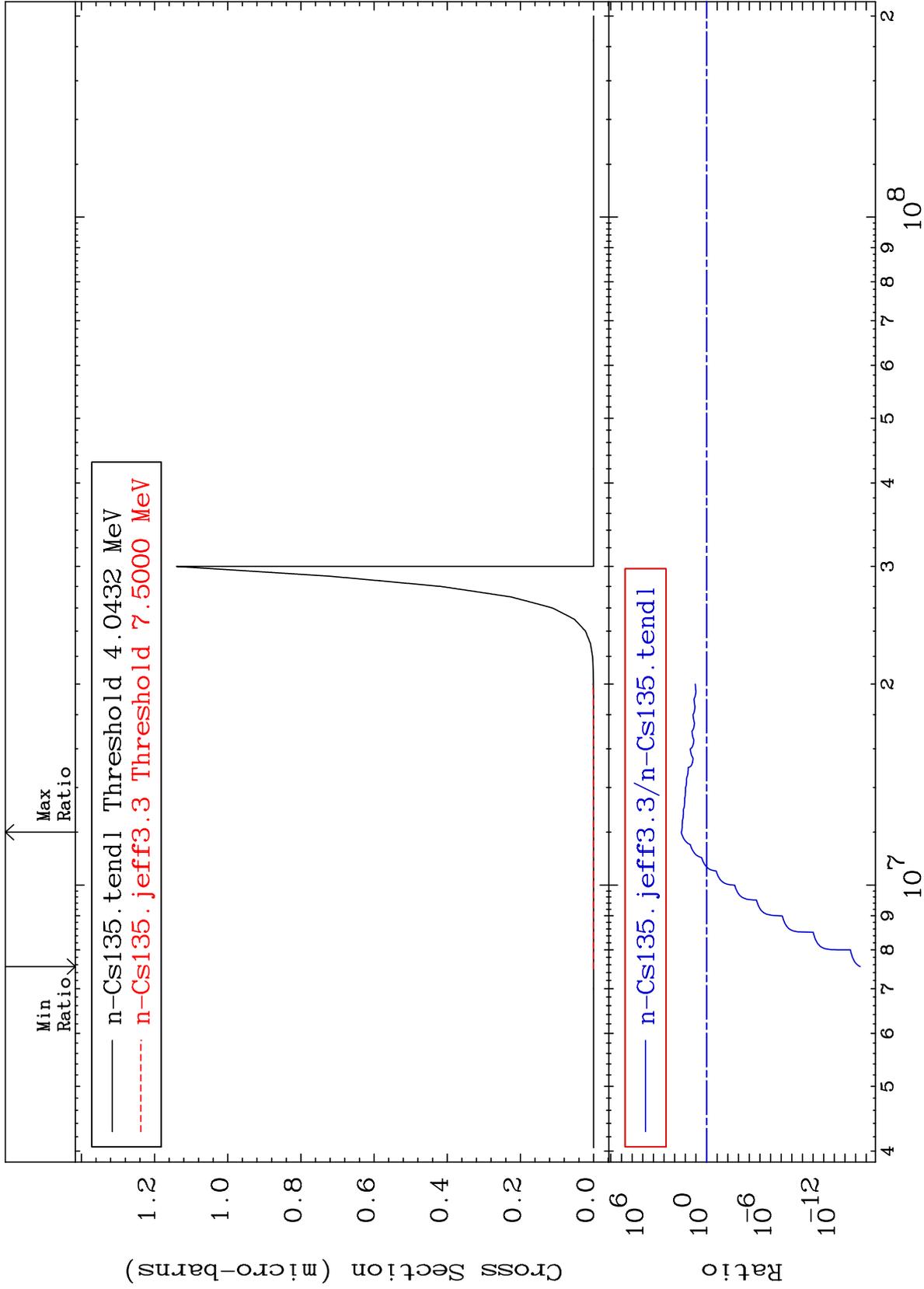
29

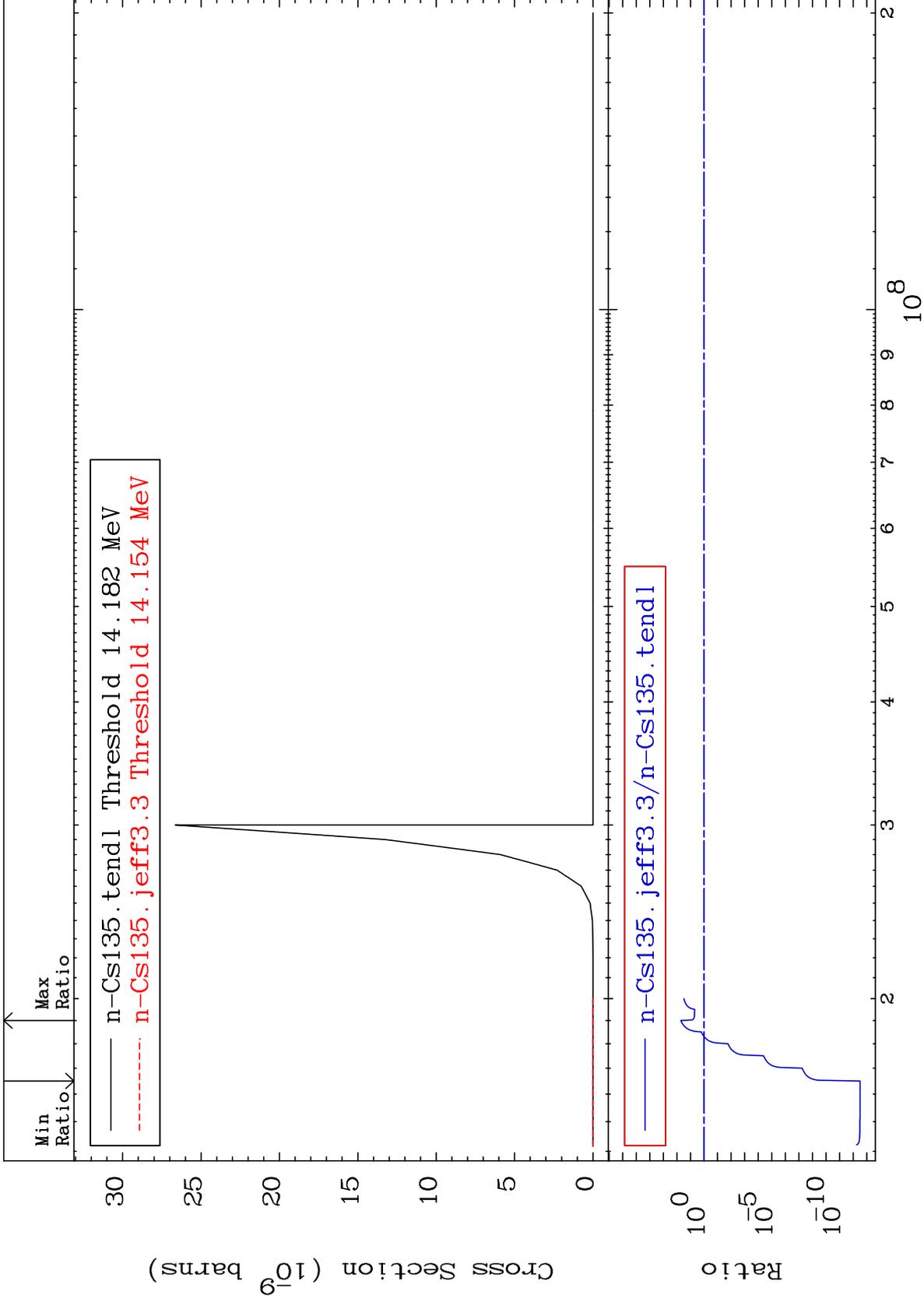
Incident Energy (eV)

55-Cs-135

Cross Section

-100.0 To 9999. %





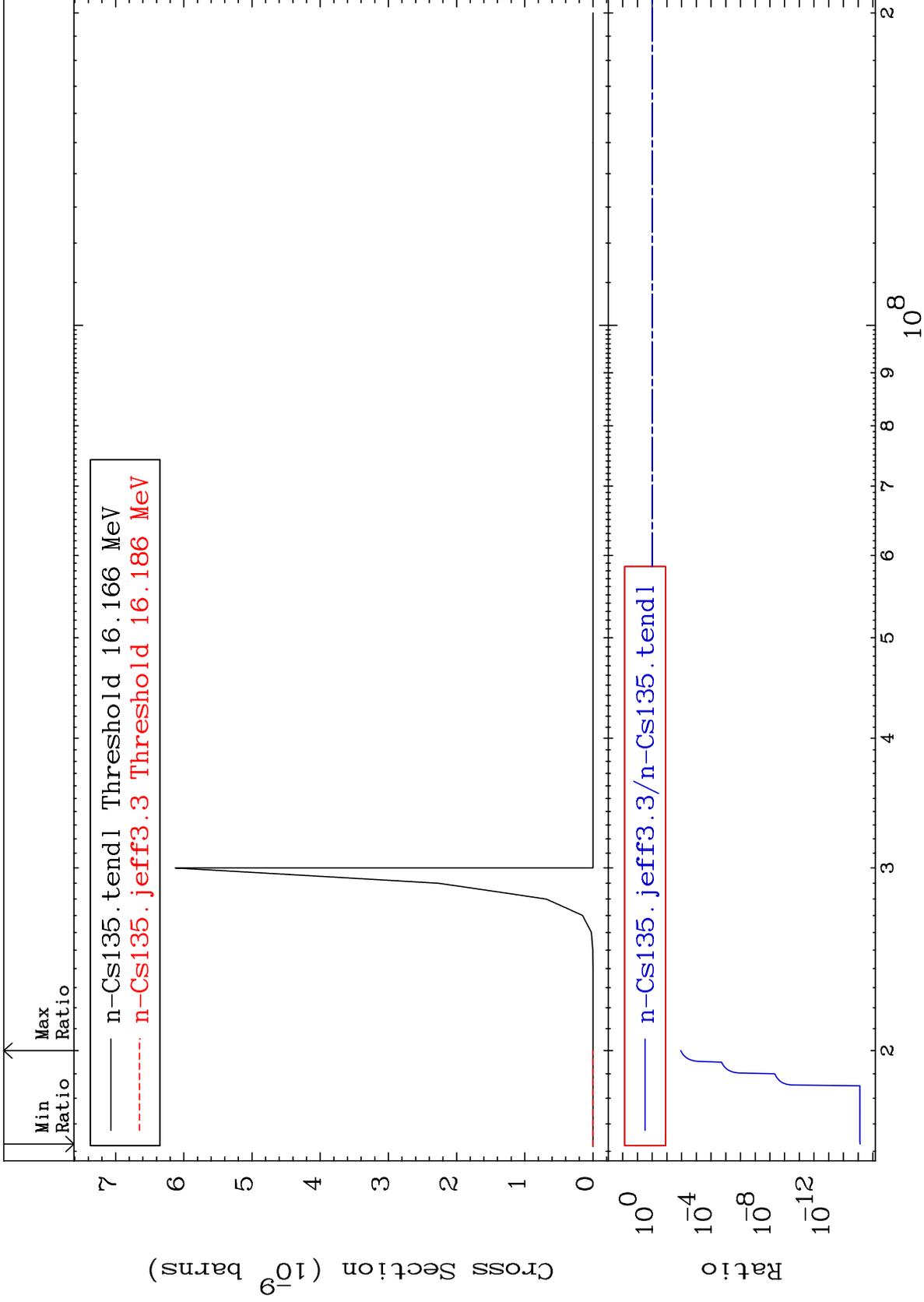
MAT 5531

(n,p) t

55-Cs-135

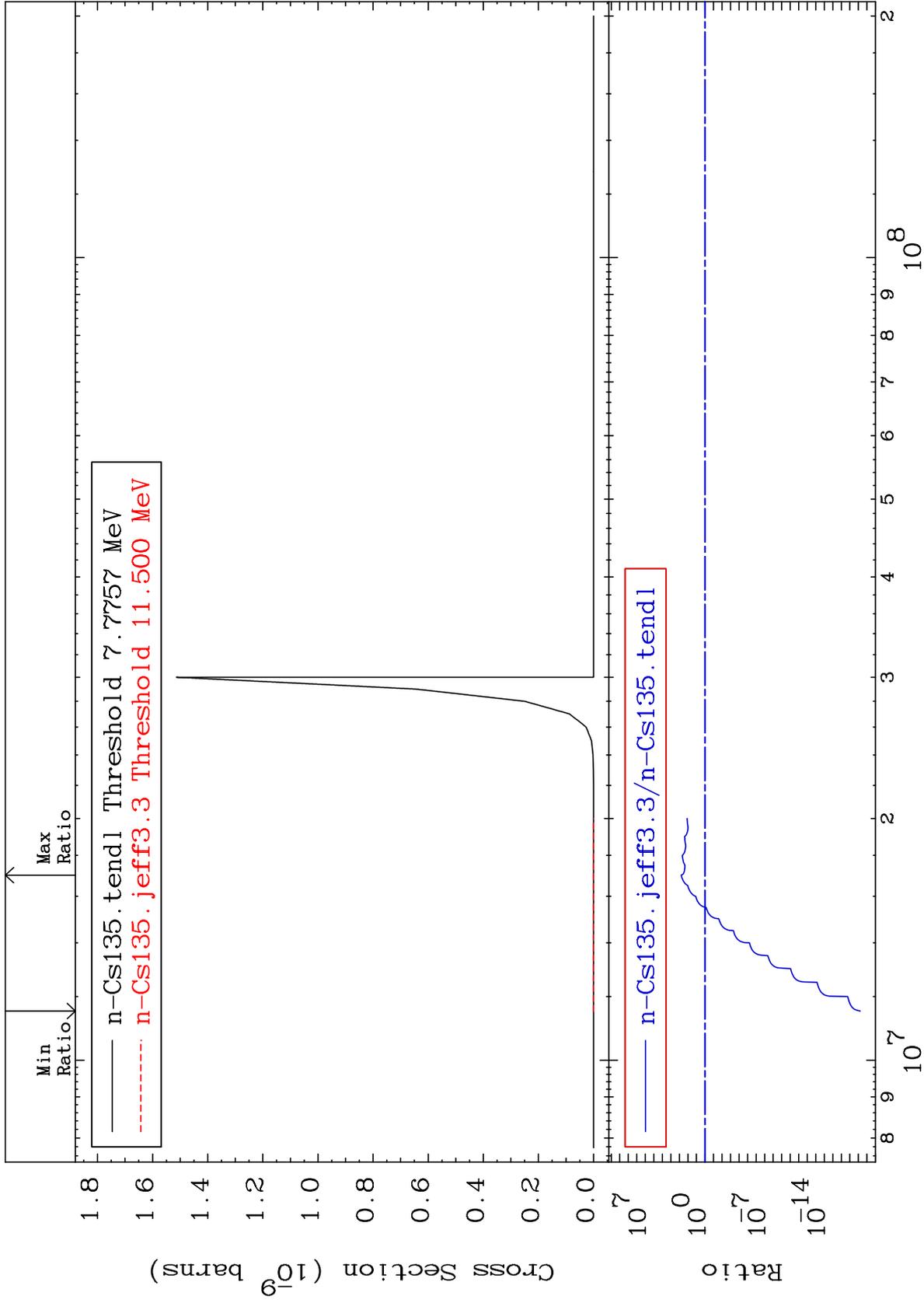
Cross Section

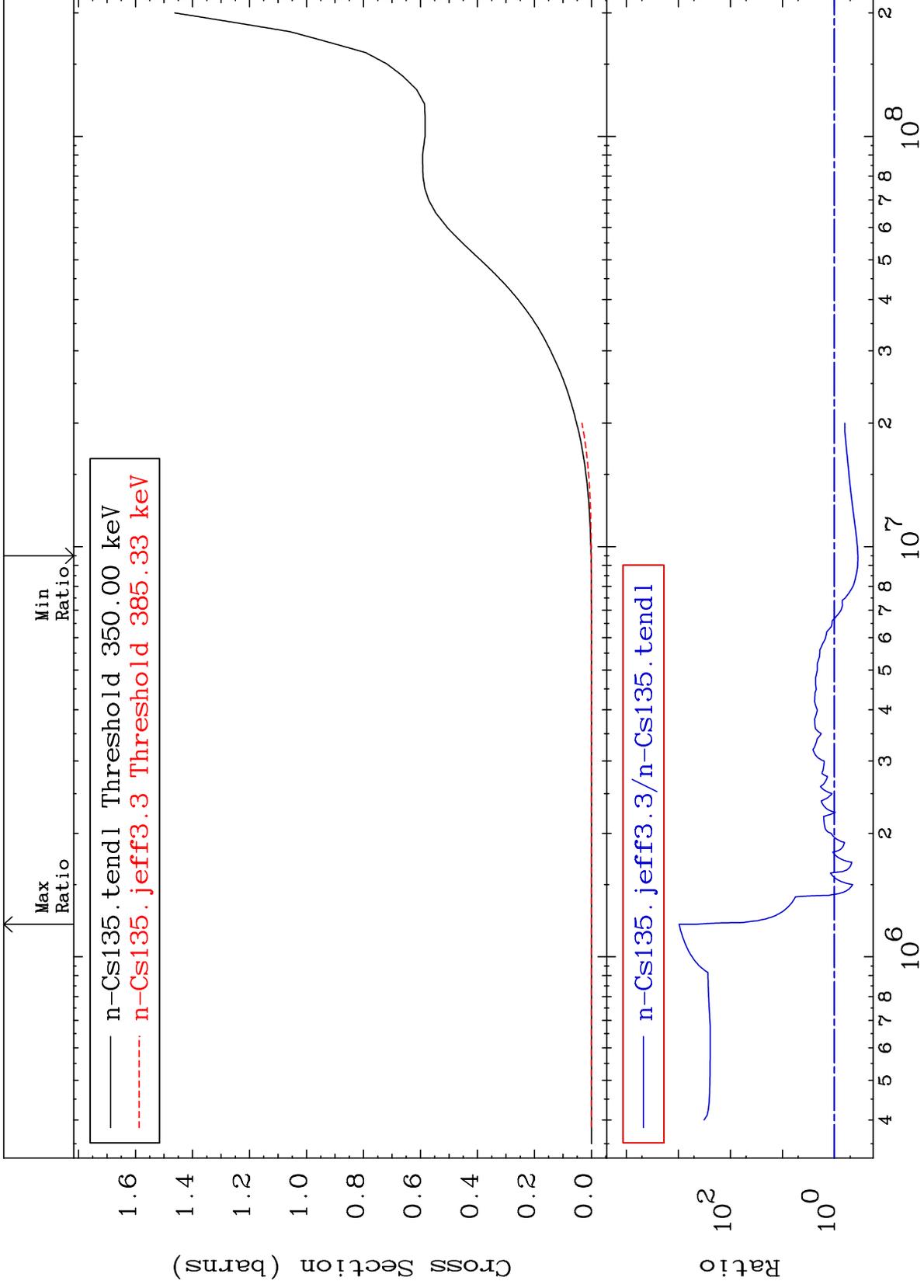
-100.0 To -98.86%



Cross Section

-100.0 To 9999. %

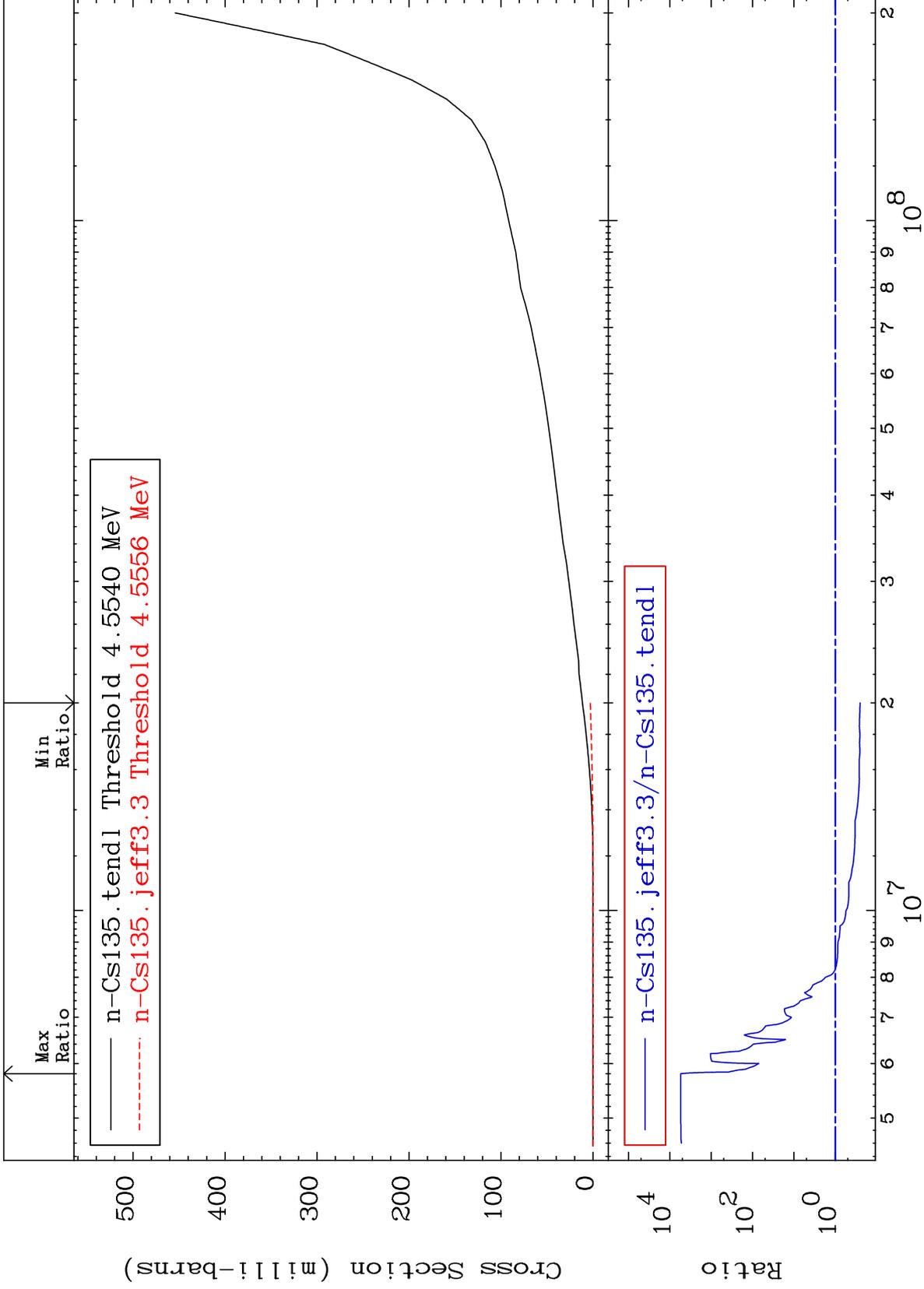




MAT 5531

Deuterium Production
Cross Section

55-Cs-135
-74.80 To 9999. %



35

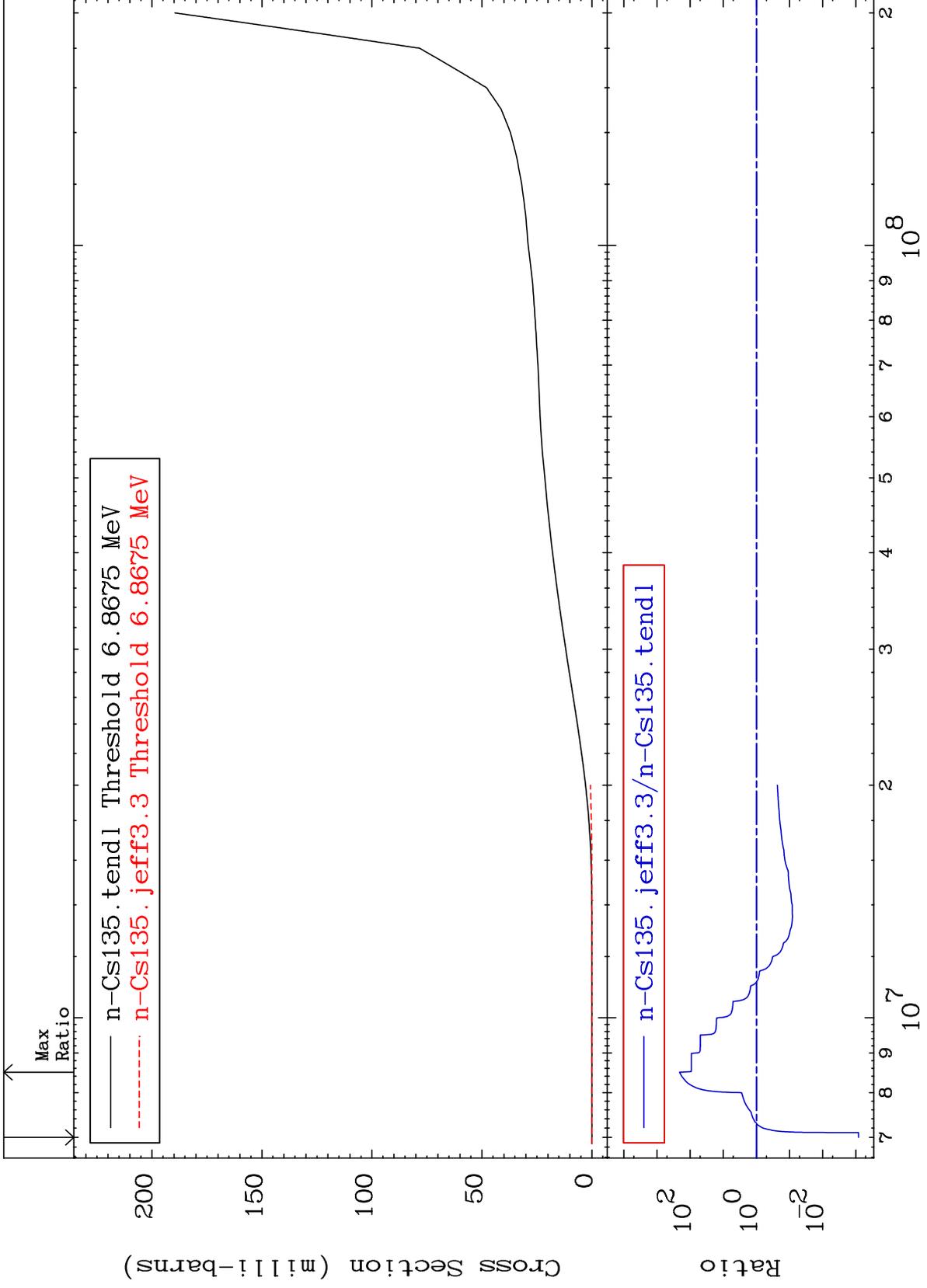
Incident Energy (eV)

55-Cs-135

MAT 5531

Tritium Production
Cross Section

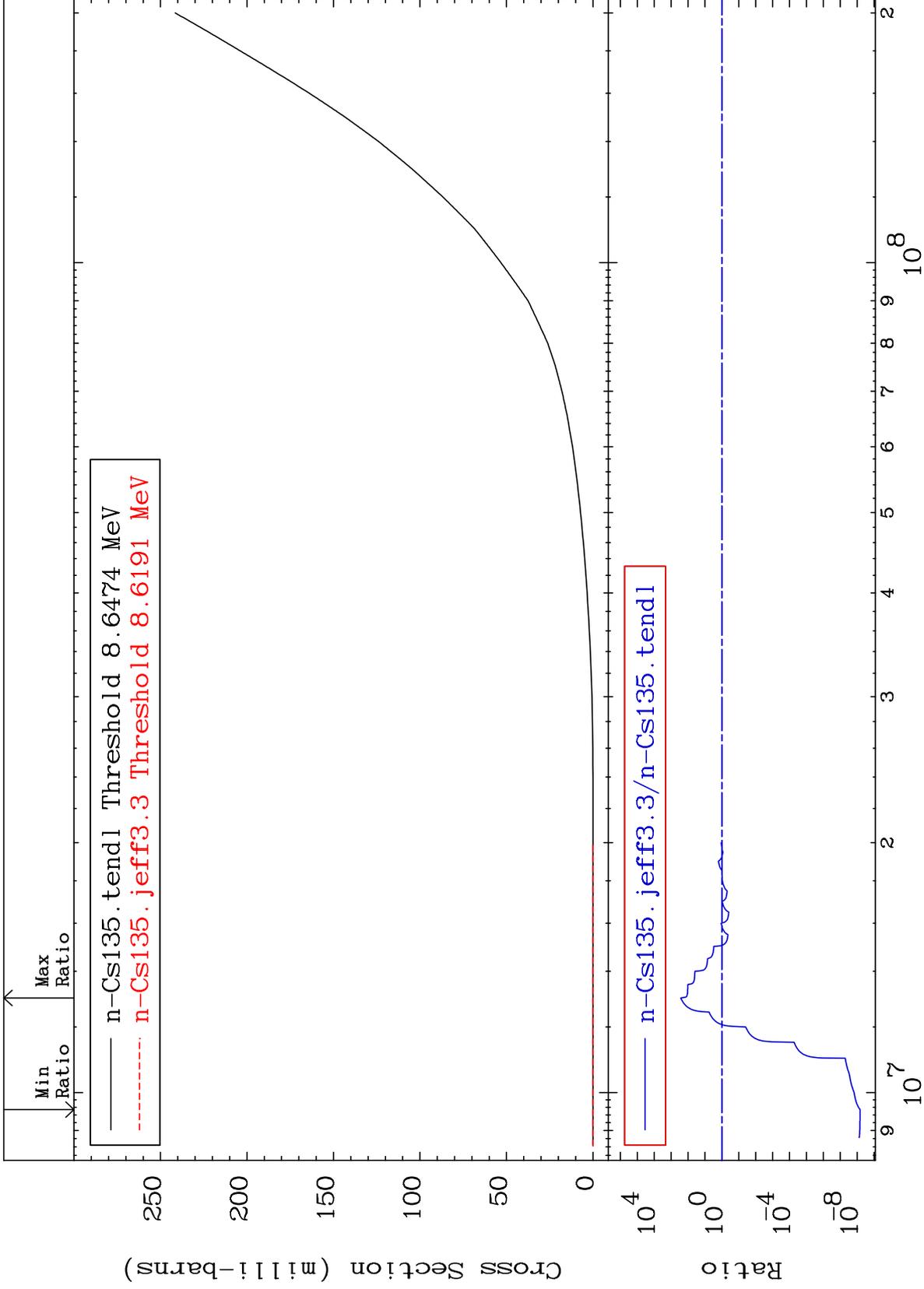
55-Cs-135
-99.92 To 9999. %



MAT 5531

He-3 Production
Cross Section

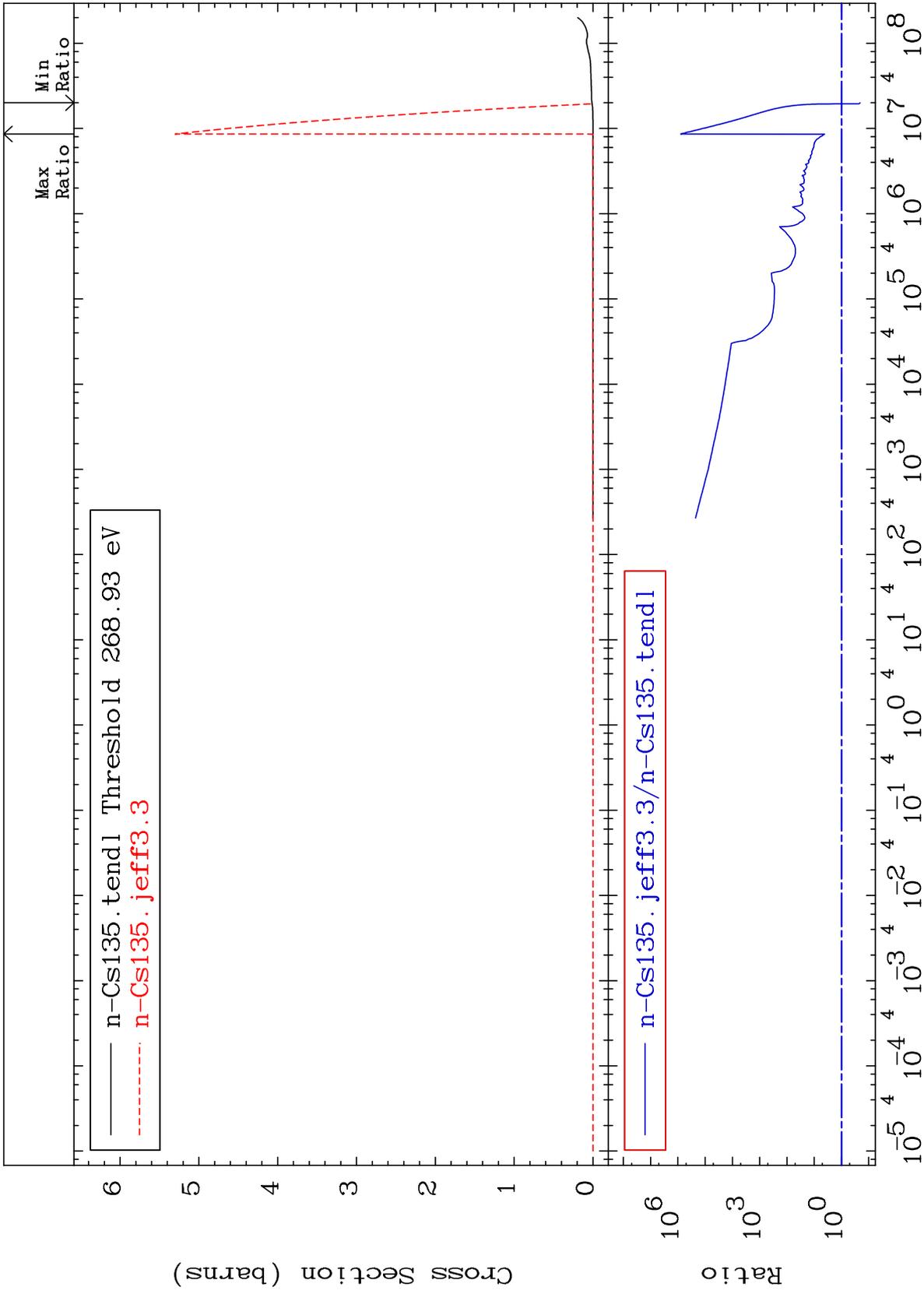
55-Cs-135
-100.0 To 9999. %



37

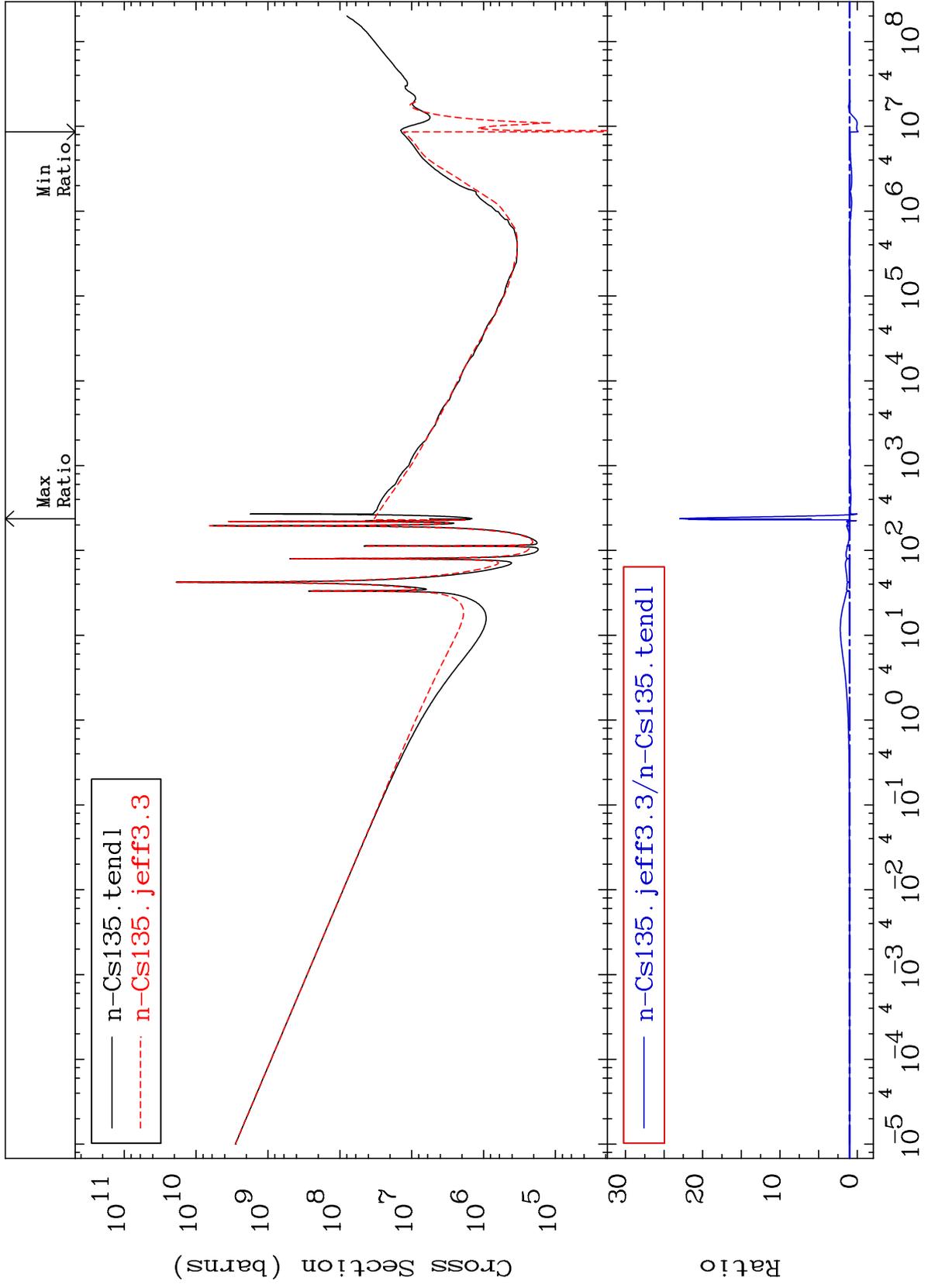
Incident Energy (eV)

55-Cs-135



-111.3 To 2199. %

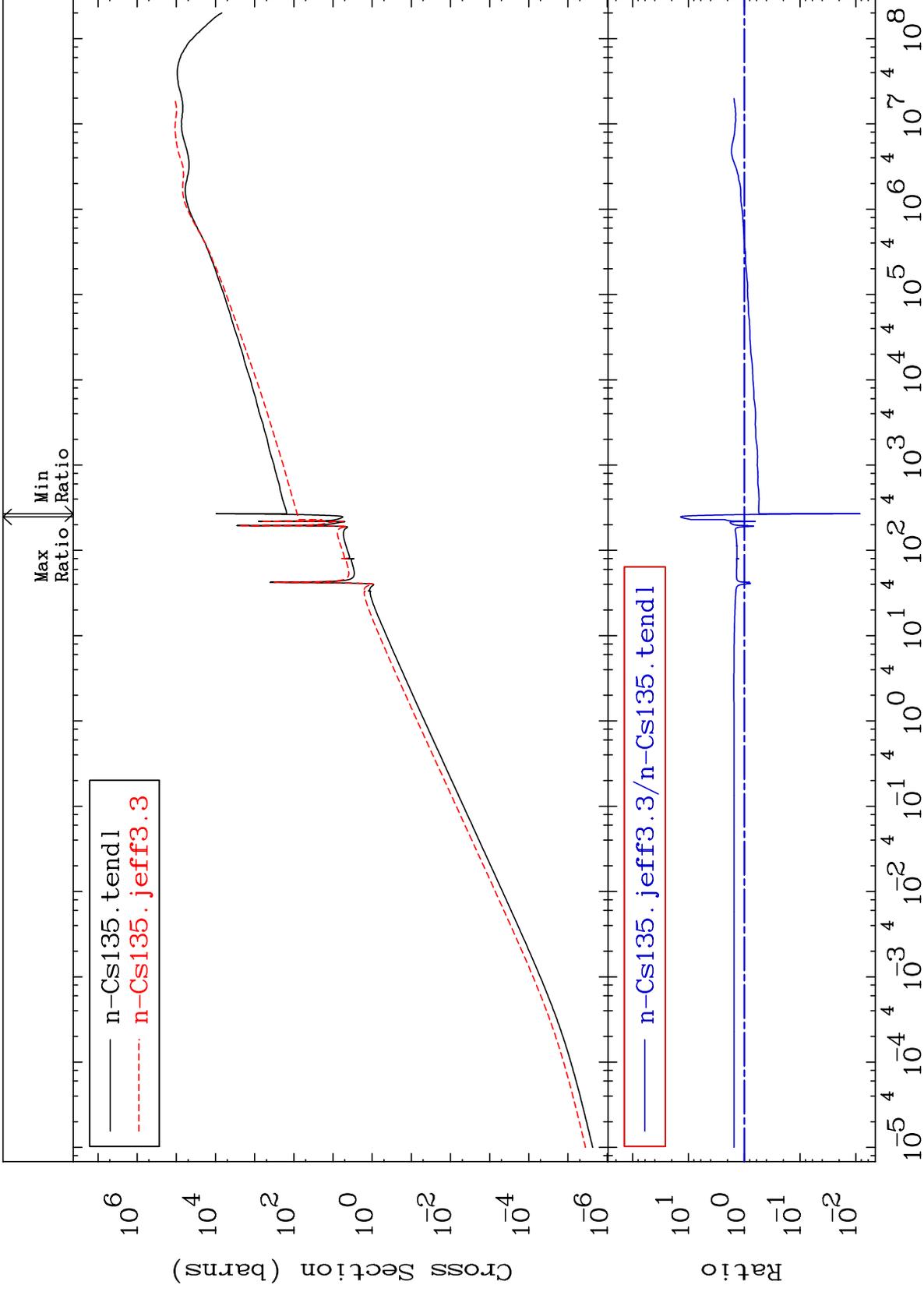
Cross Section



MAT 5531

Kerma elastic
Cross Section

55-Cs-135
-99.16 To 1285. %



Incident Energy (eV)

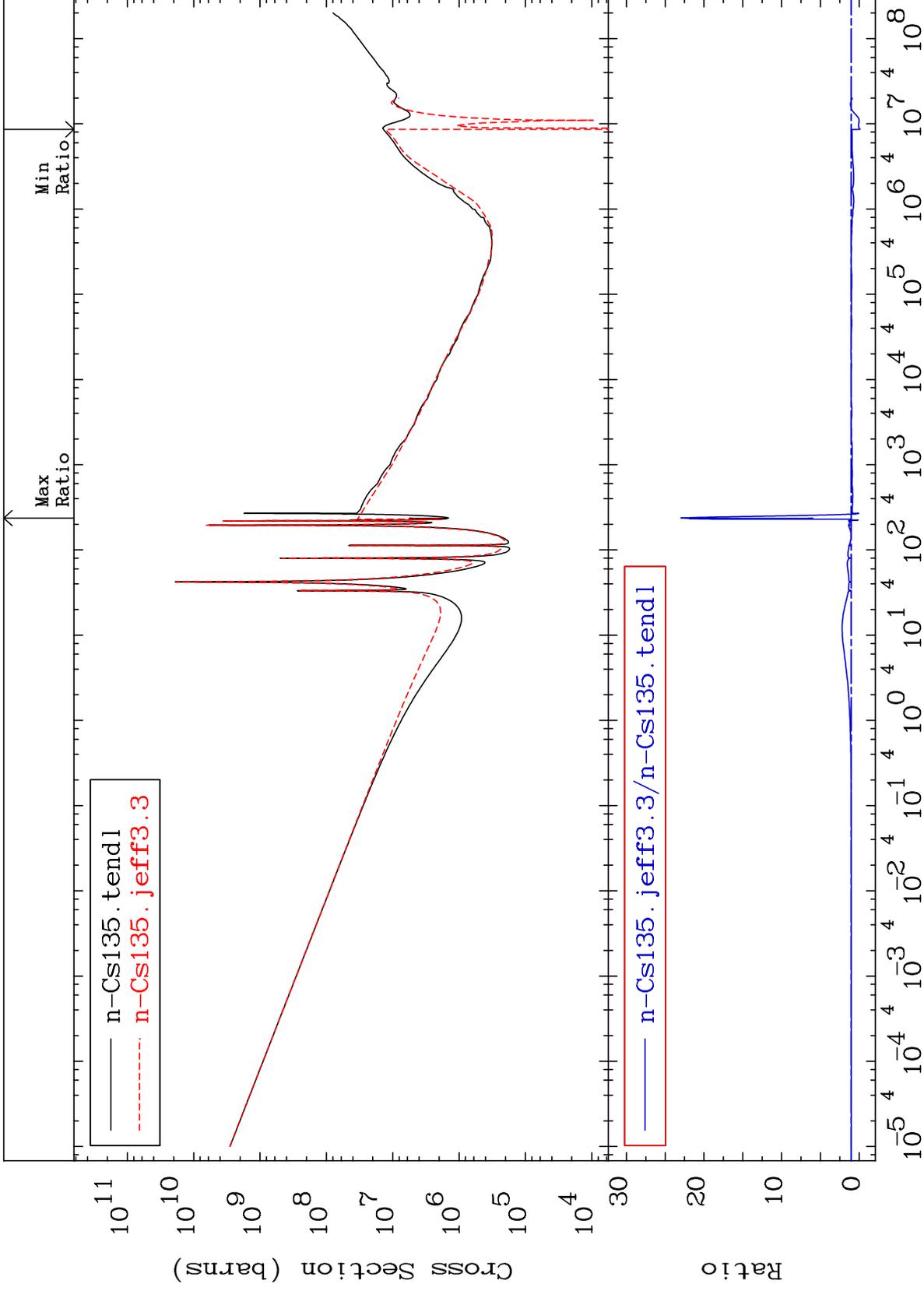
55-Cs-135

40

MAT 5531

Kerma non-elastic (all but mt2)
Cross Section

55-Cs-135
-112.1 To 2199. %



41

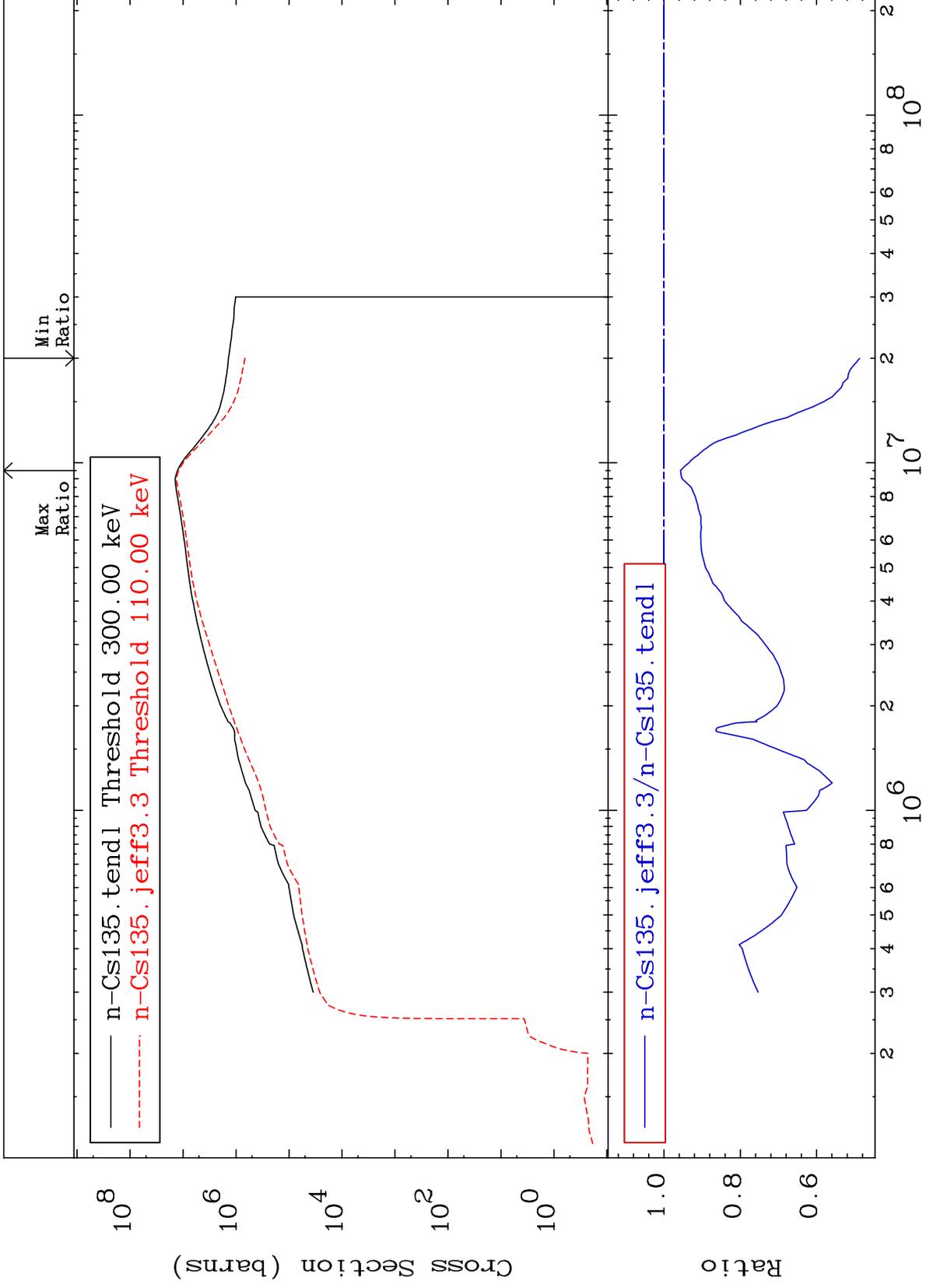
Incident Energy (eV)

55-Cs-135

MAT 5531

Kerma inelastic (mt51-91)
Cross Section

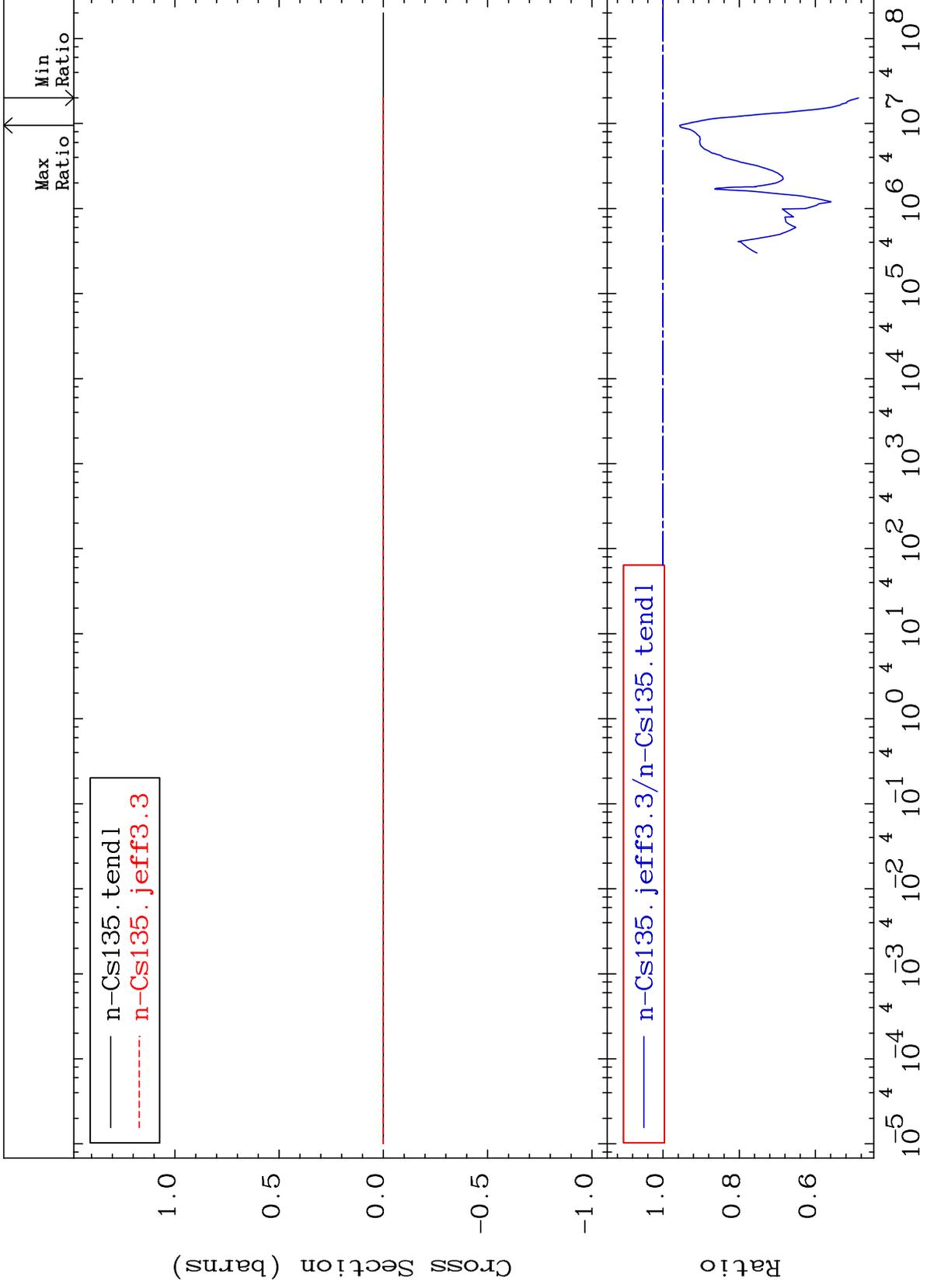
55-Cs-135
-51.30 To -4.329%



MAT 5531

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

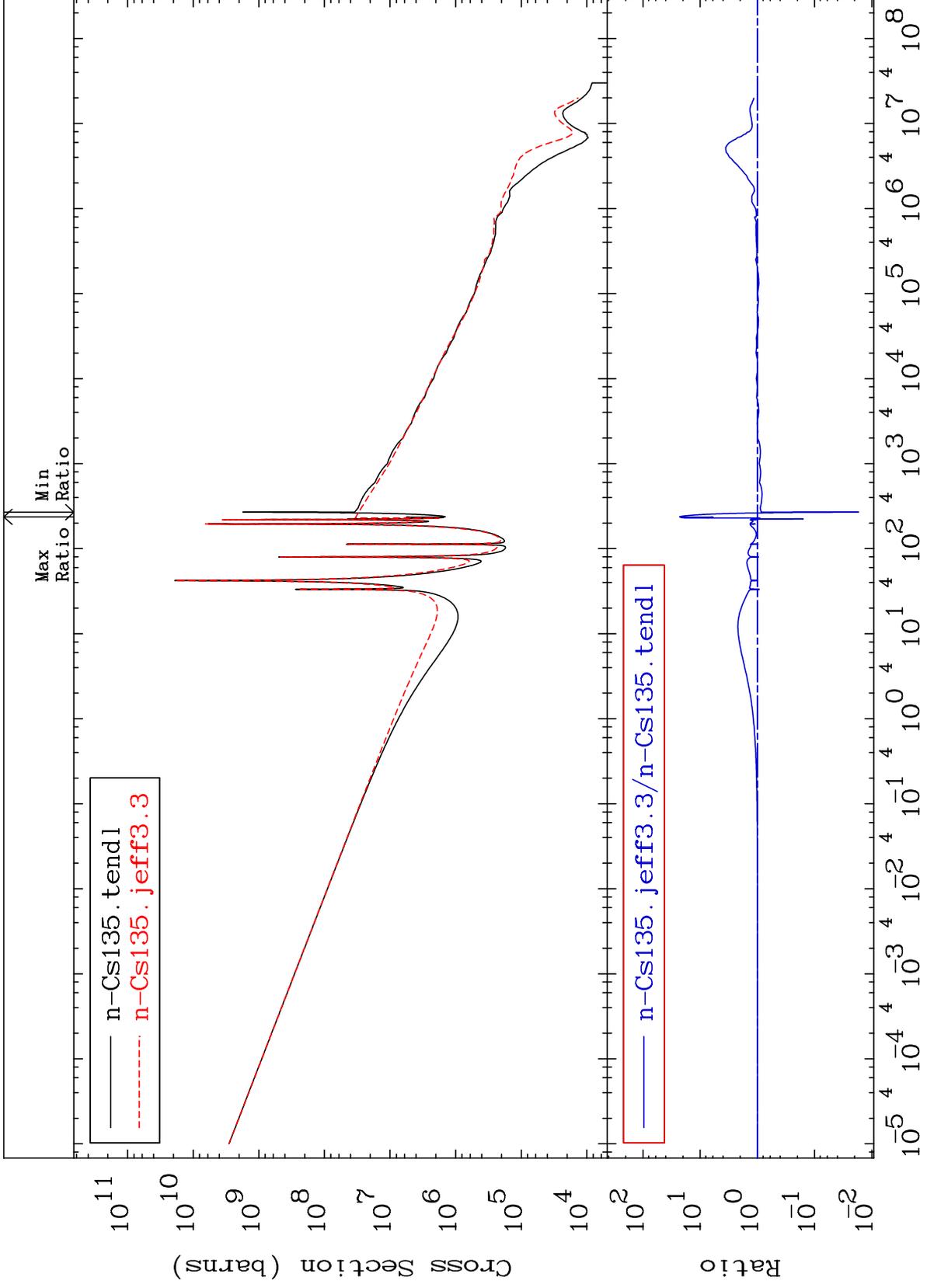
55-Cs-135
-51.30 To -4.329%



MAT 5531

Kerma capture (mt102)
Cross Section

55-Cs-135
-98.29 To 2199. %



44

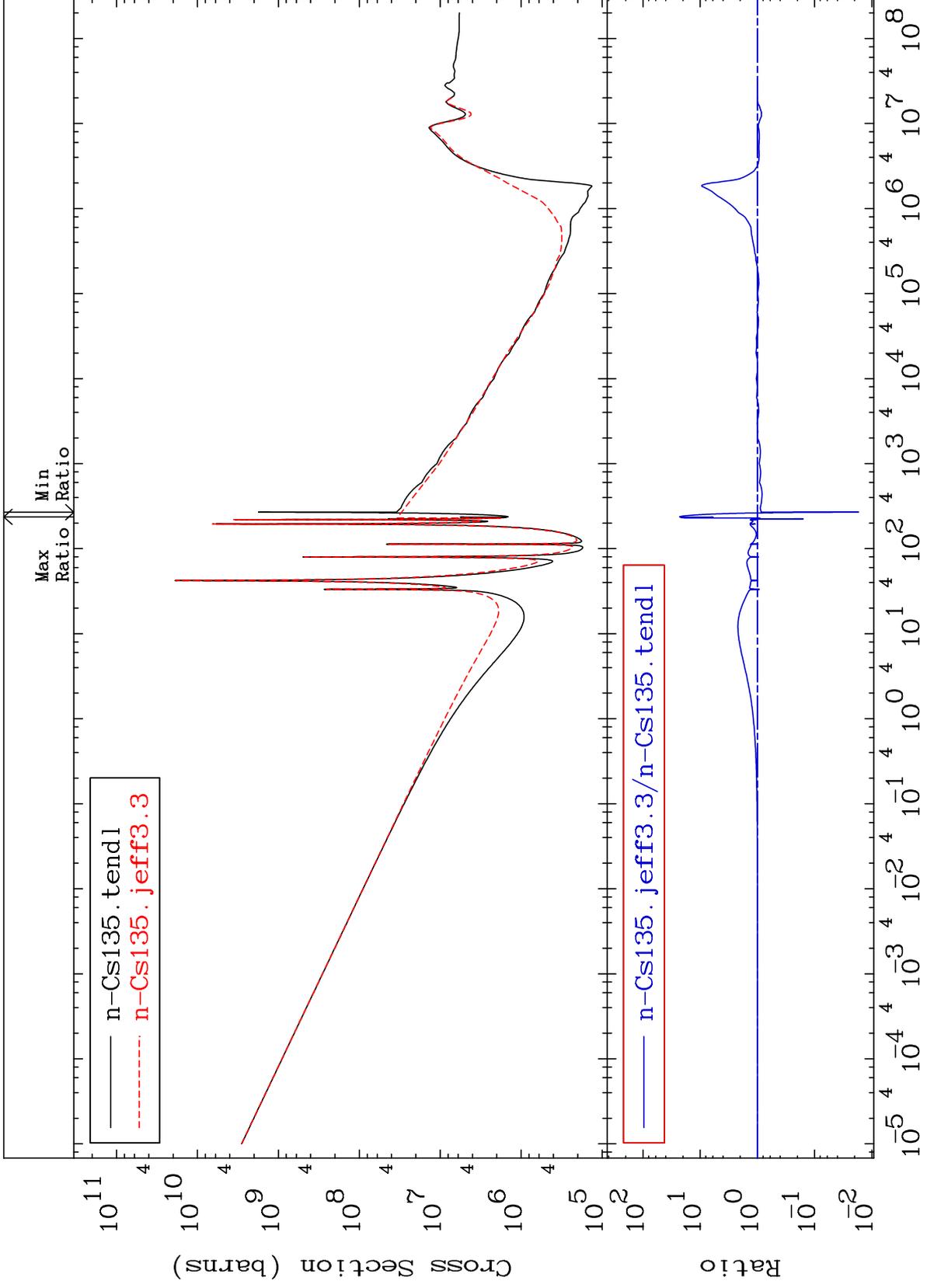
Incident Energy (eV)

55-Cs-135

MAT 5531

Total photon (eV-barns)
Cross Section

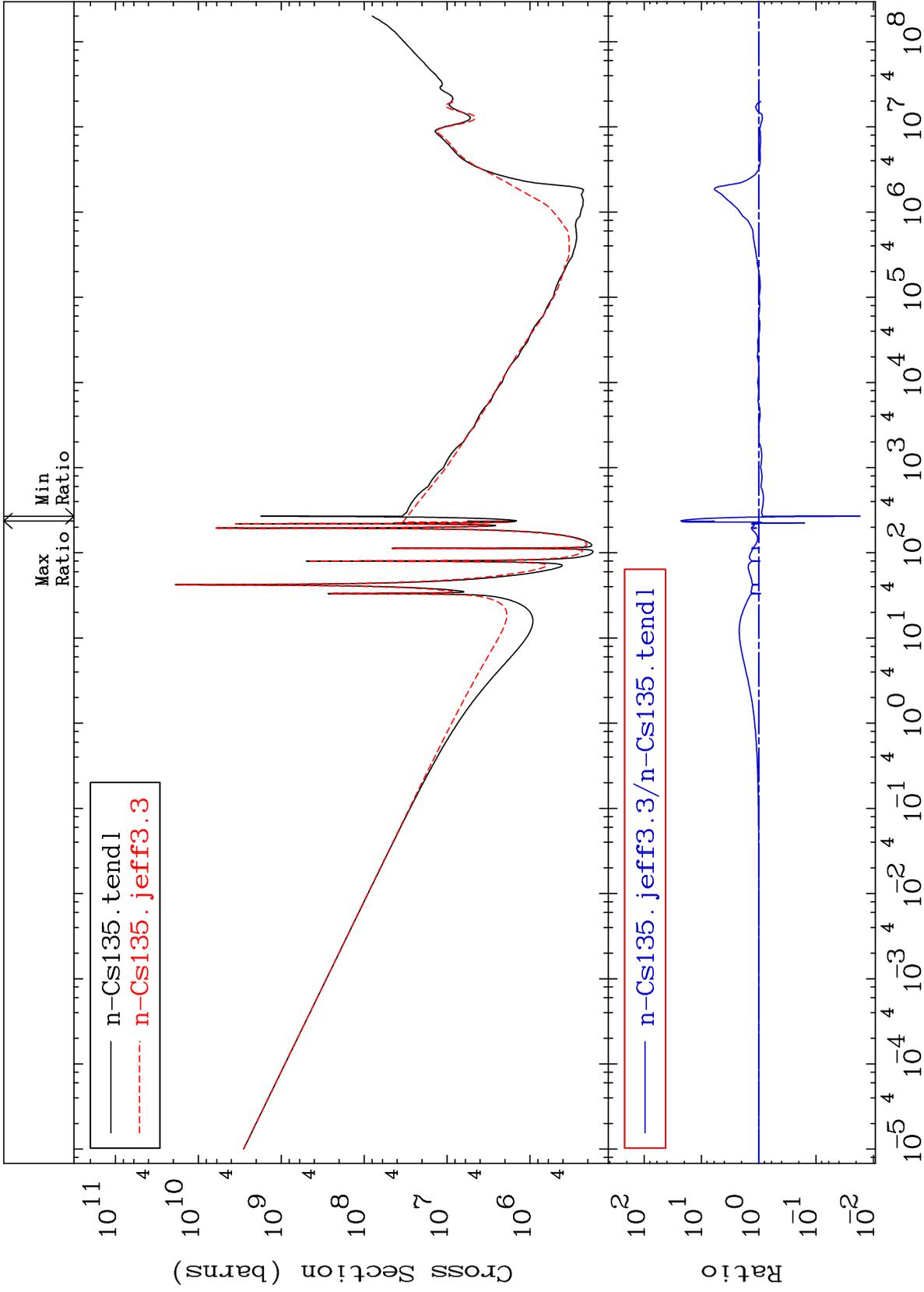
55-Cs-135
-98.29 To 2199. %



45

Incident Energy (eV)

55-Cs-135

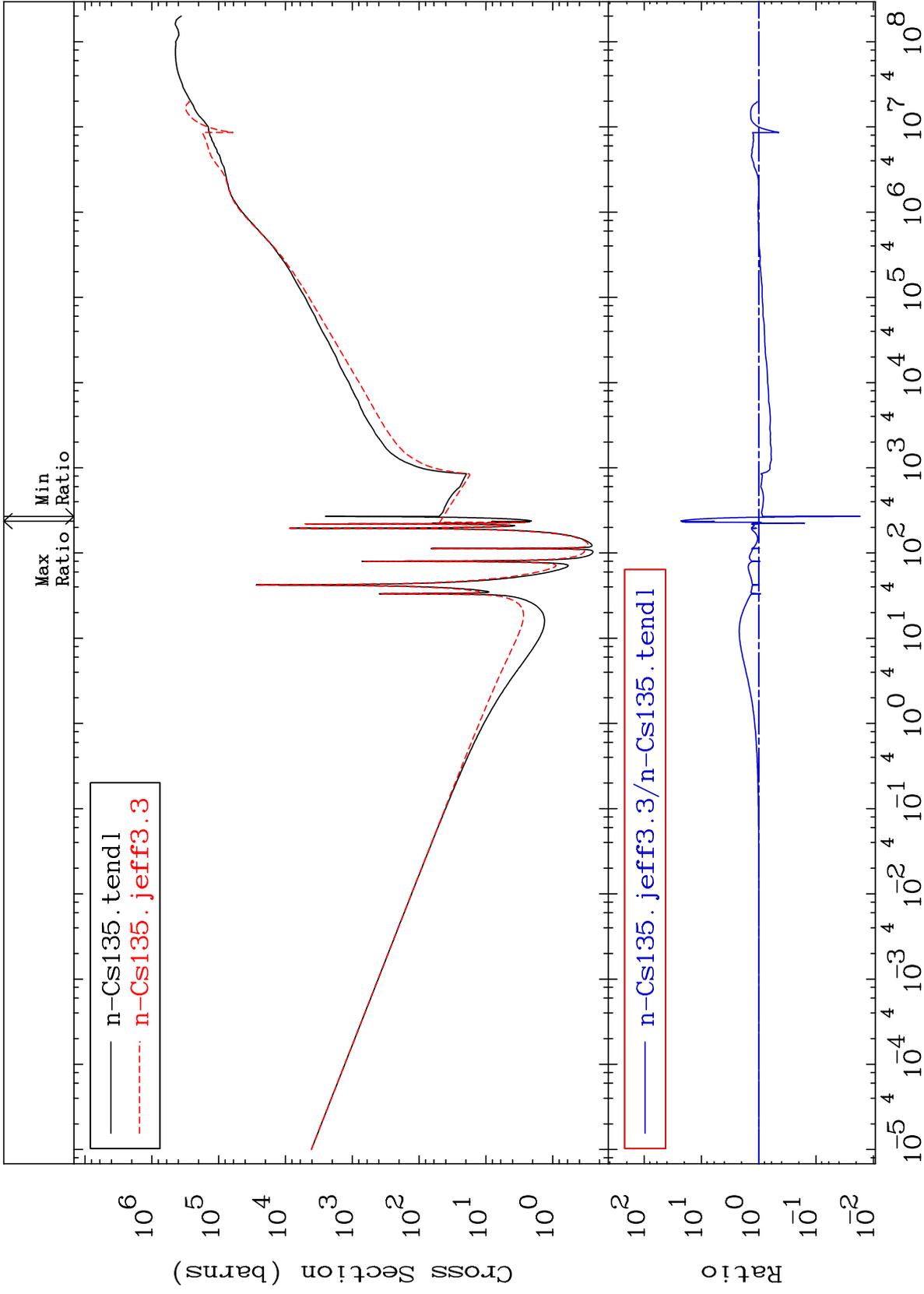


MAT 5531

Dpa total (eV-barns)

55-Cs-135

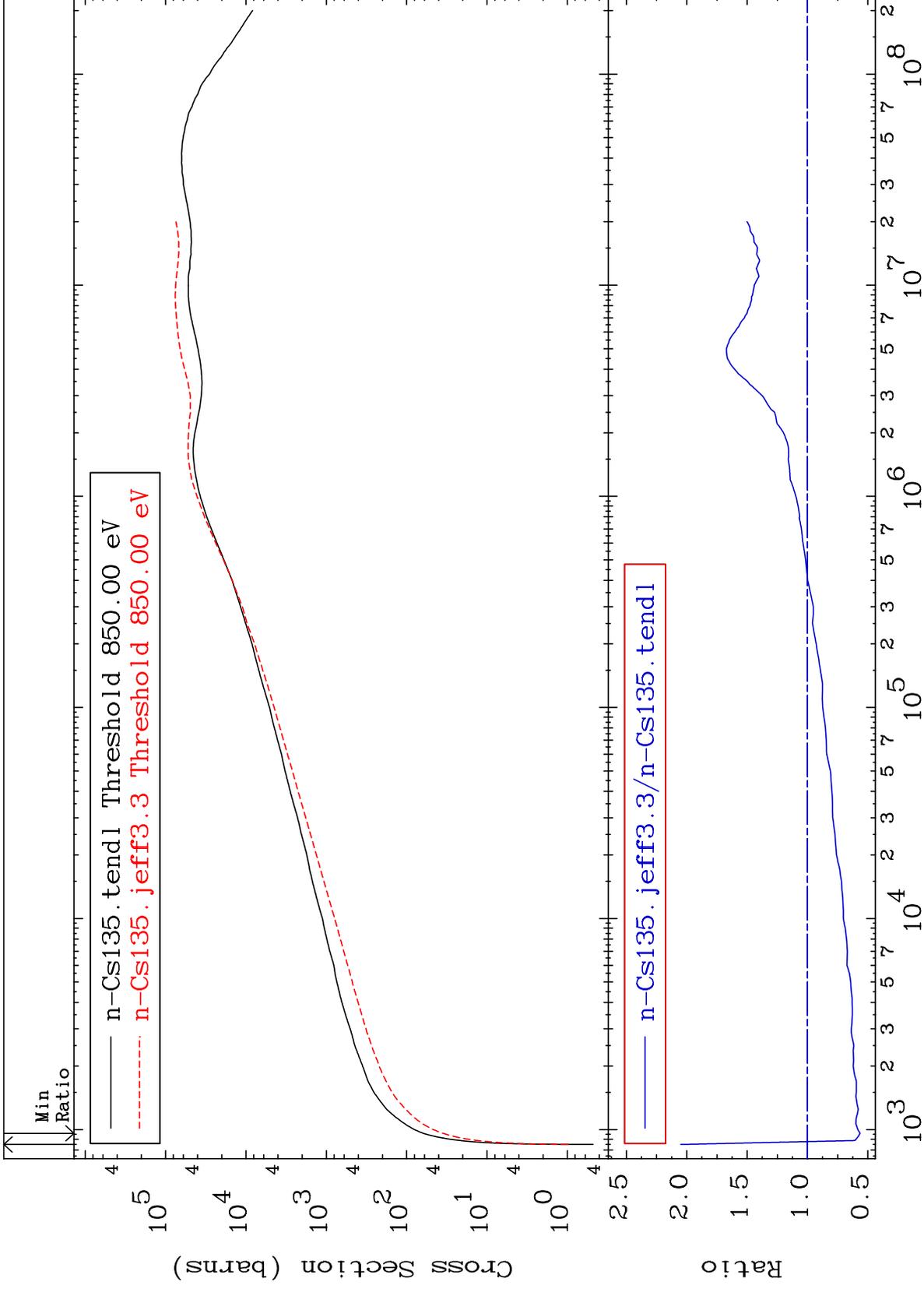
-98.29 To 2199. %



MAT 5531

Dpa elastic (mt2)
Cross Section

55-Cs-135
-43.55 To 105.0 %



48

Incident Energy (eV)

55-Cs-135

