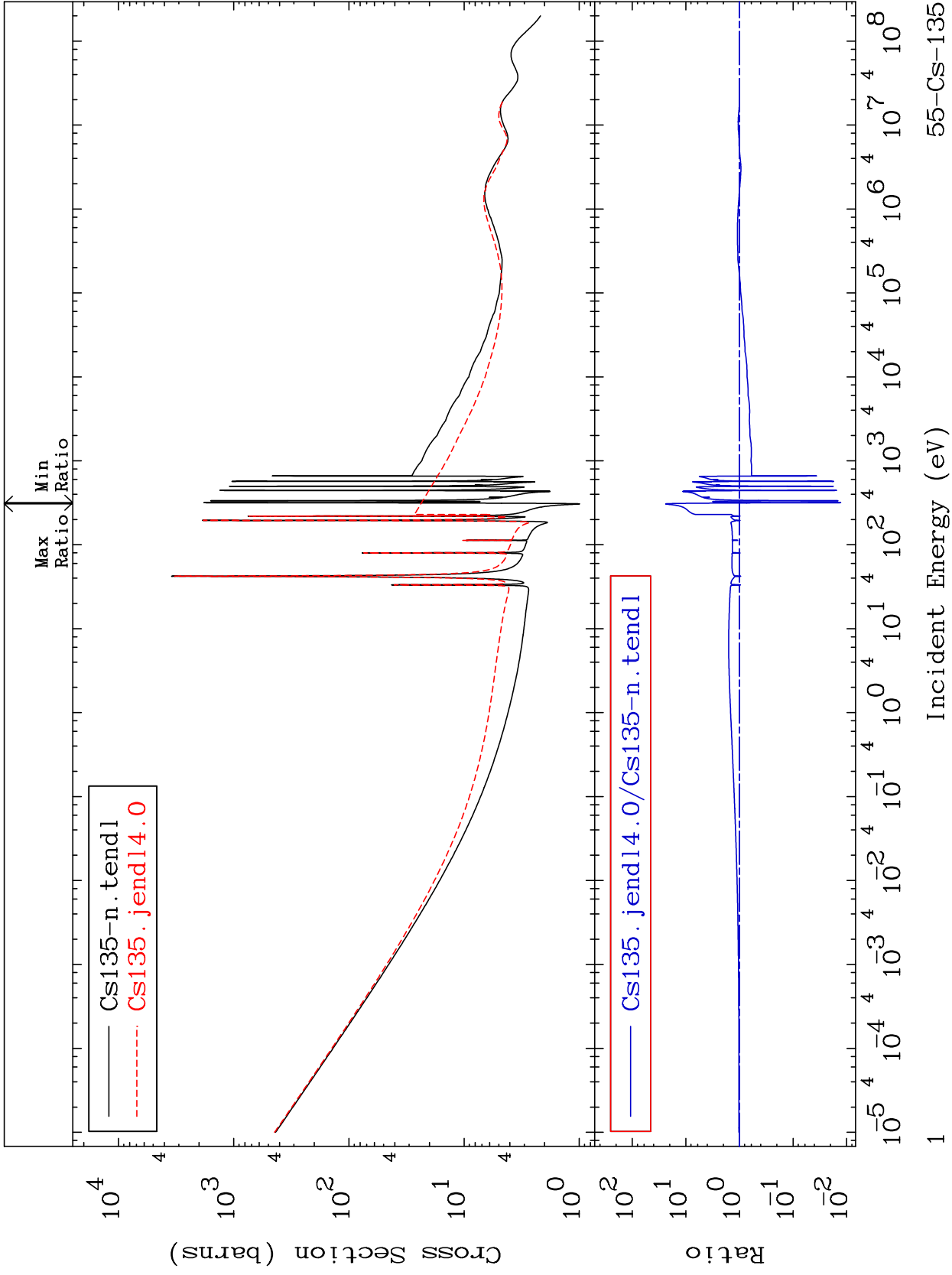


MAT 5531

Total Cross Section
55-Cs-135
-98.71 To 2297. %



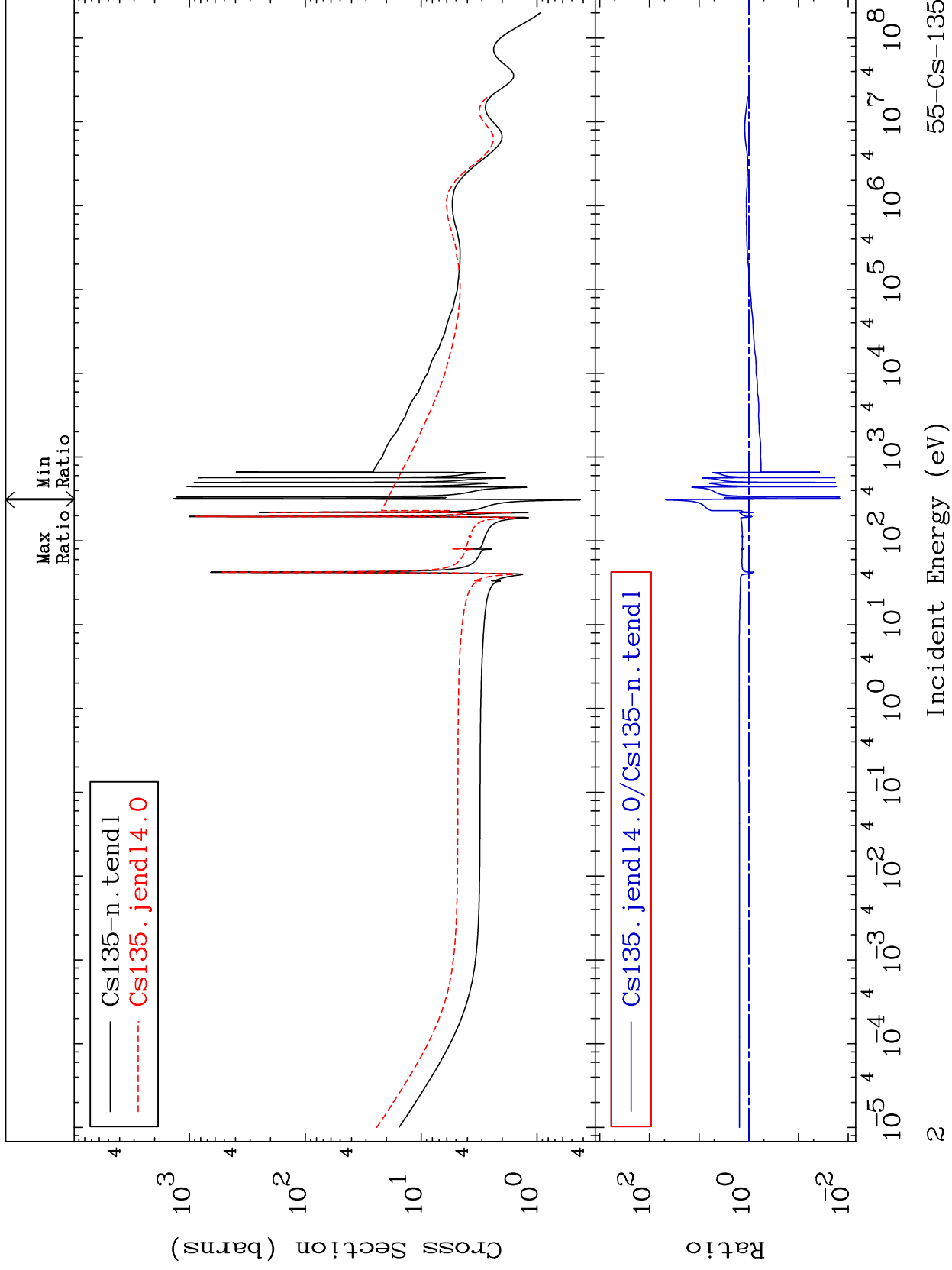
55-Cs-135

Incident Energy (eV)

MAT 5531

Elastic
Cross Section

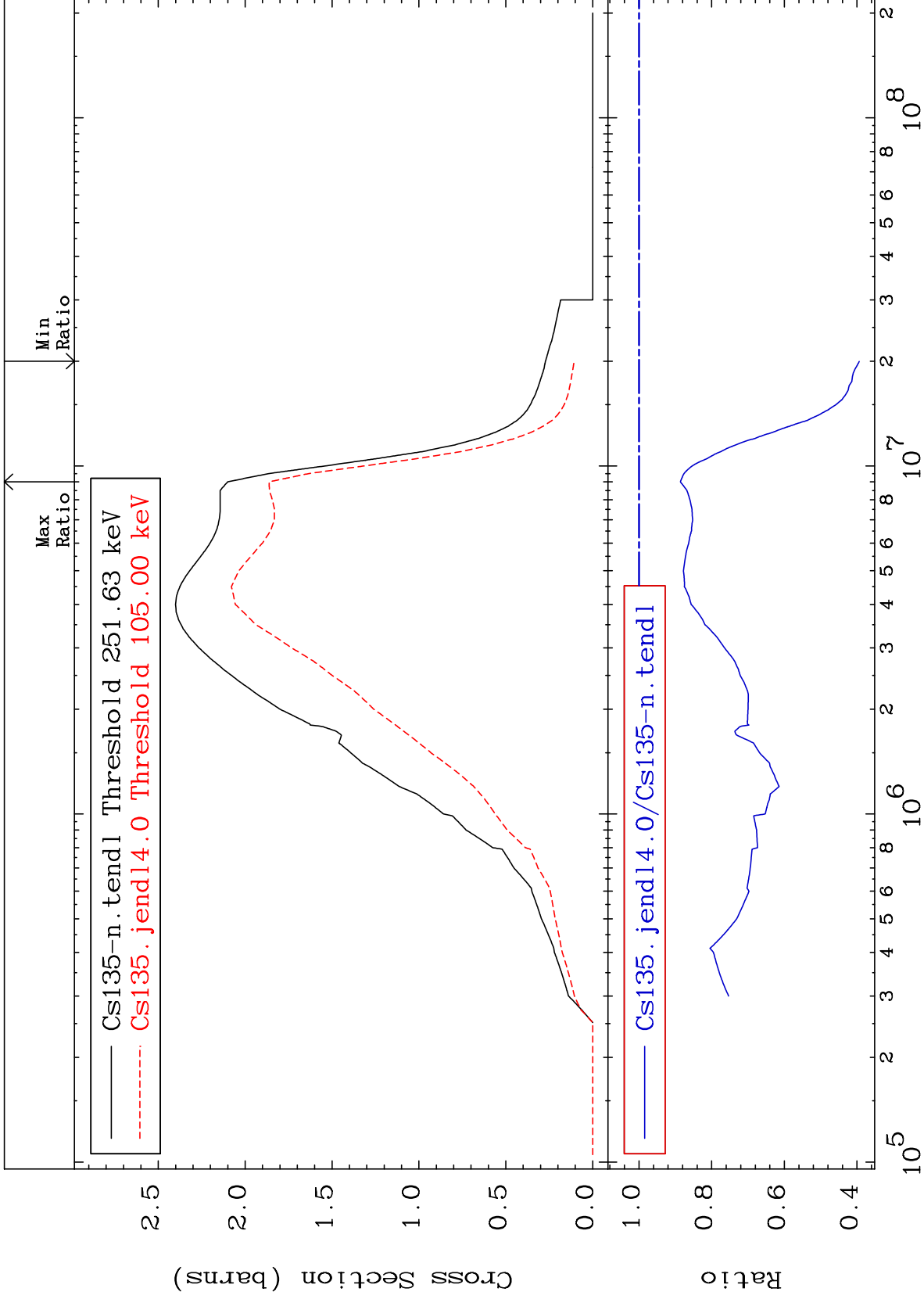
55-Cs-135
-98.59 To 4562. %



MAT 5531

Inelastic
Cross Section

55-Cs-135
-60.66 To -11.38%



Incident Energy (eV)

55-Cs-135

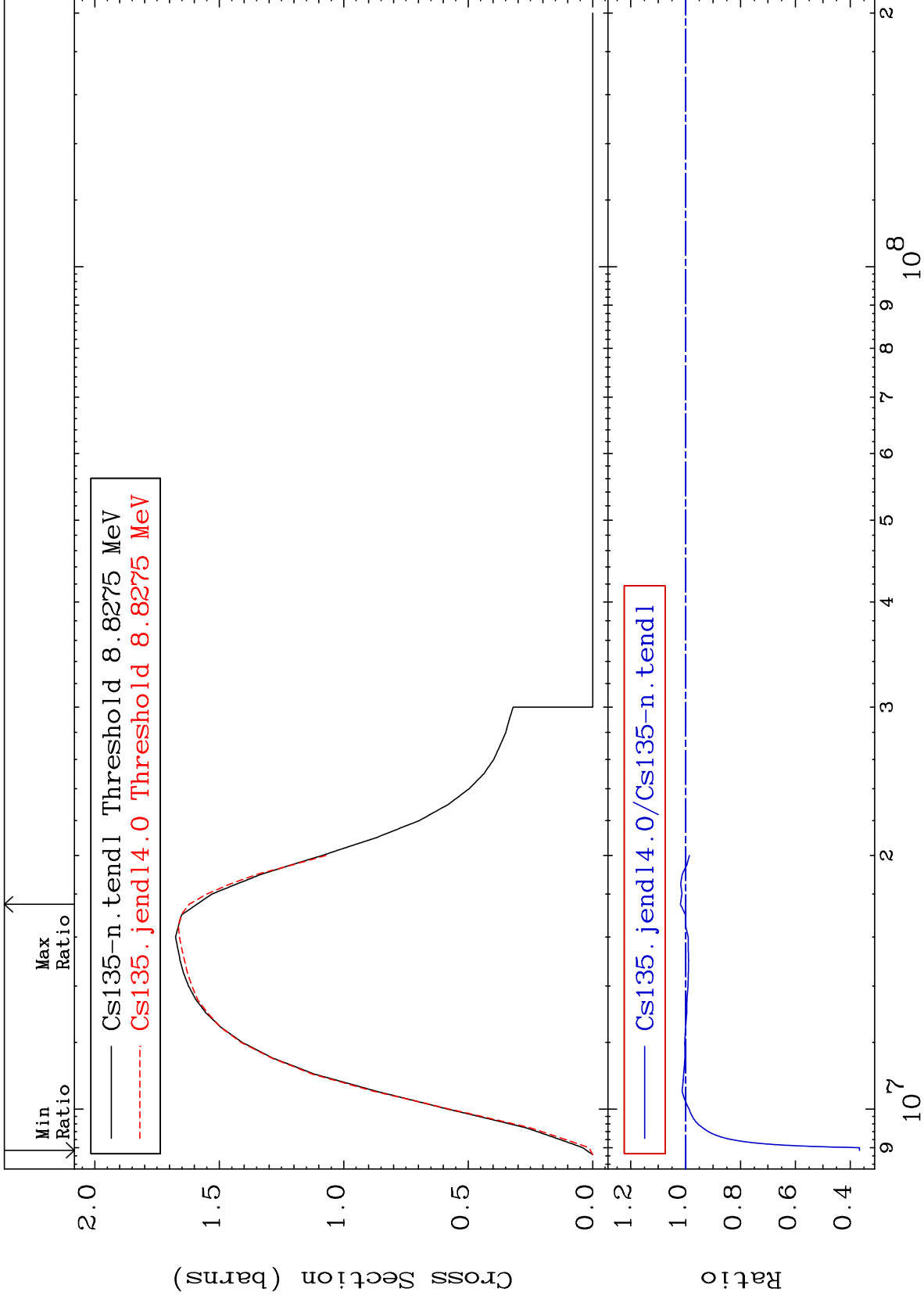
MAT 5531

(n,2n)

55-Cs-135

Cross Section

-63.32 To 1.935 %



4

Incident Energy (eV)

55-Cs-135

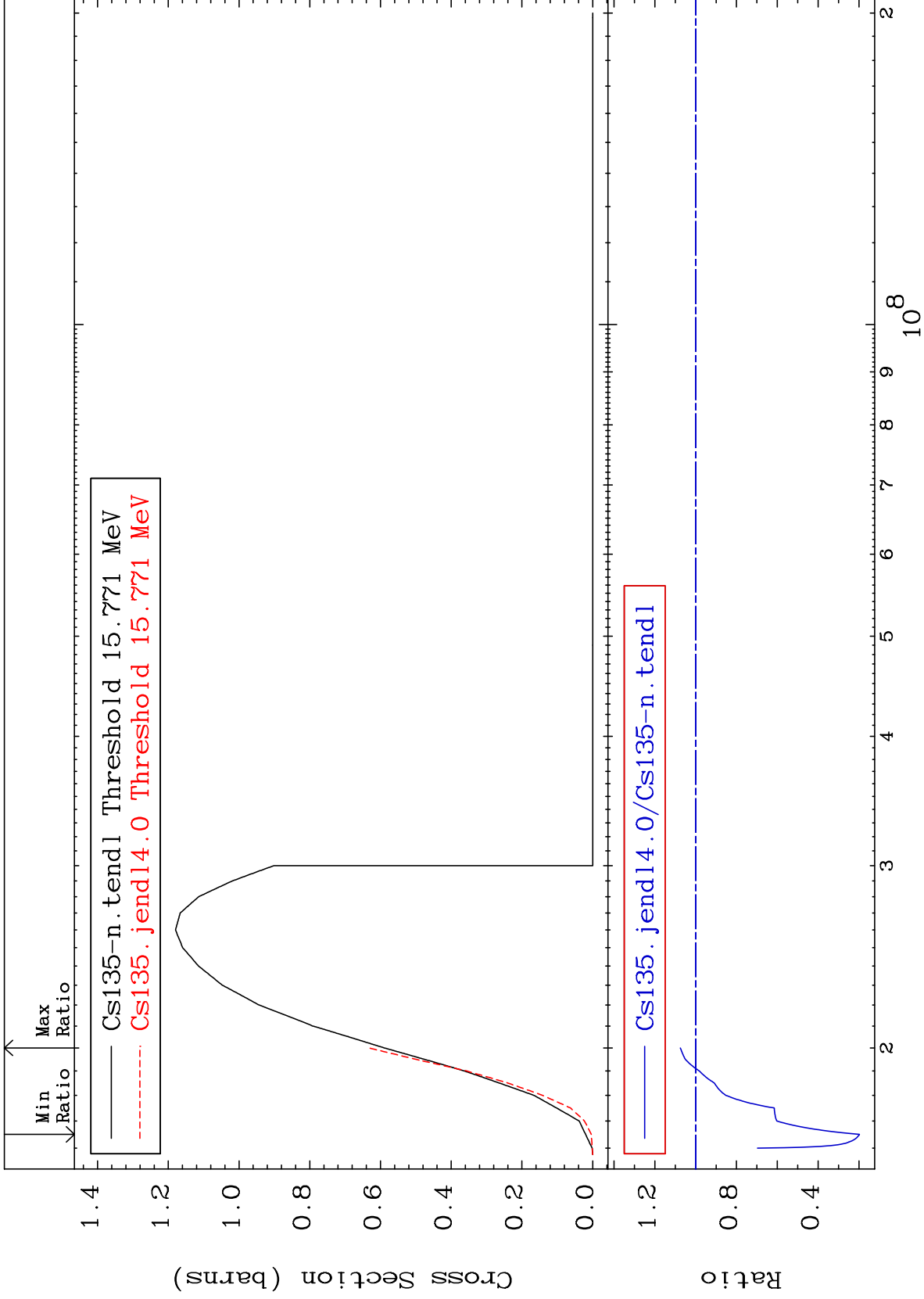
MAT 5531

(n,3n)

55-Cs-135

Cross Section

-80.25 To 7.502 %



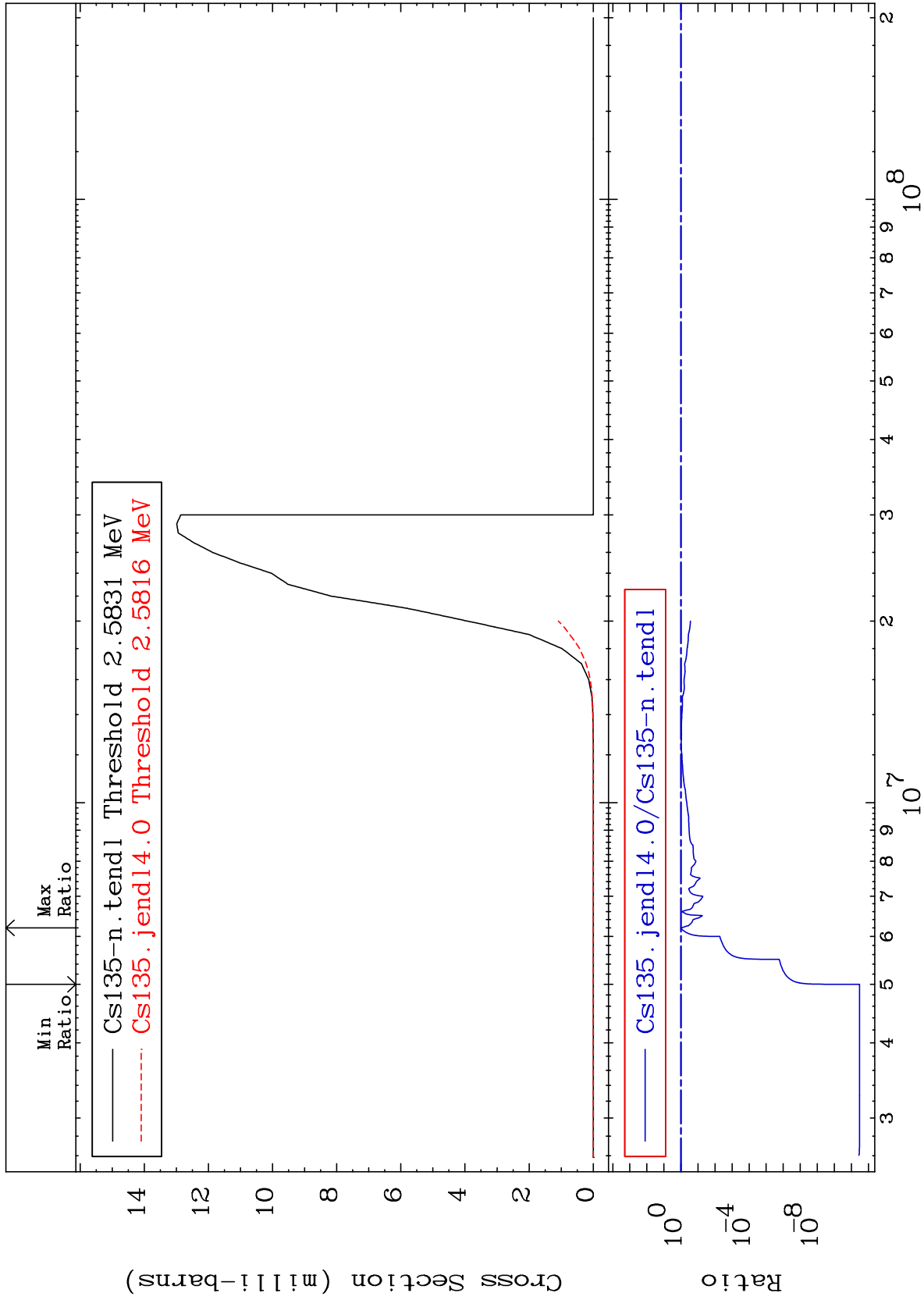
MAT 5531

(n,n') α

55-Cs-135

Cross Section

-100.0 To 2.466 %



6

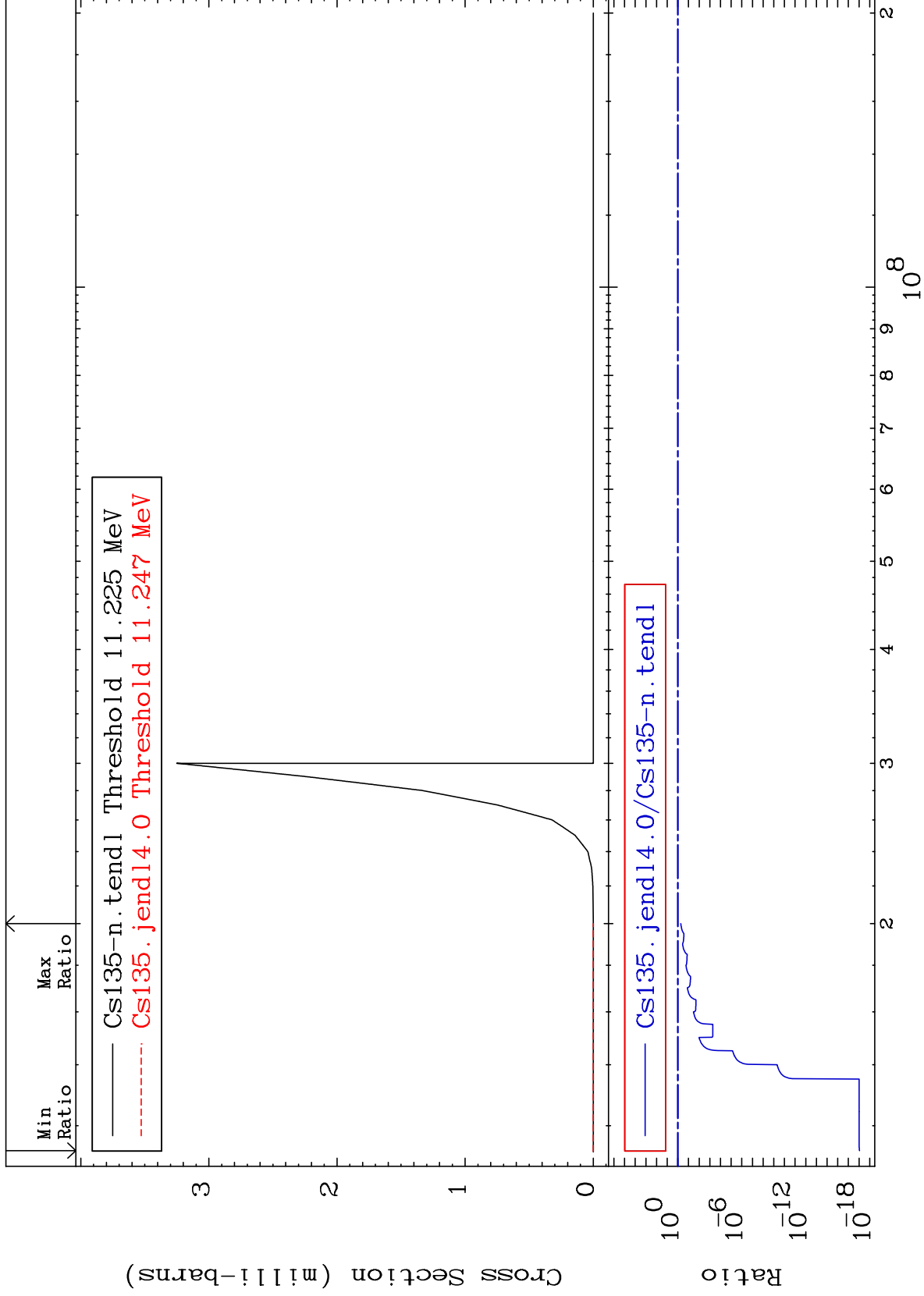
Incident Energy (eV)

55-Cs-135

MAT 5531

(n,2n) α
Cross Section

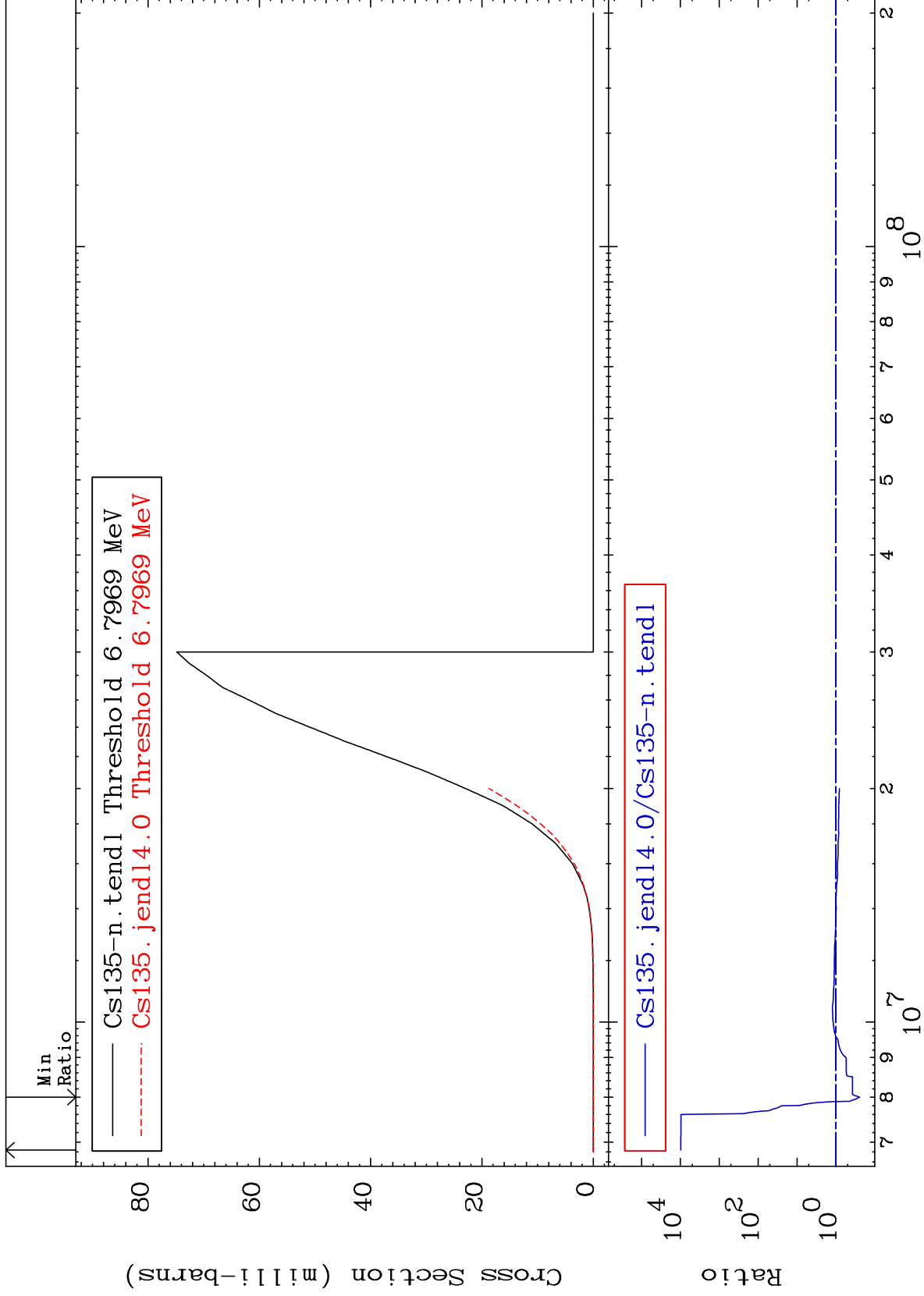
55-Cs-135
-100.0 To -46.88%



MAT 5531

(n,n') p
Cross Section

55-Cs-135
-75.36 To 9999. %



8

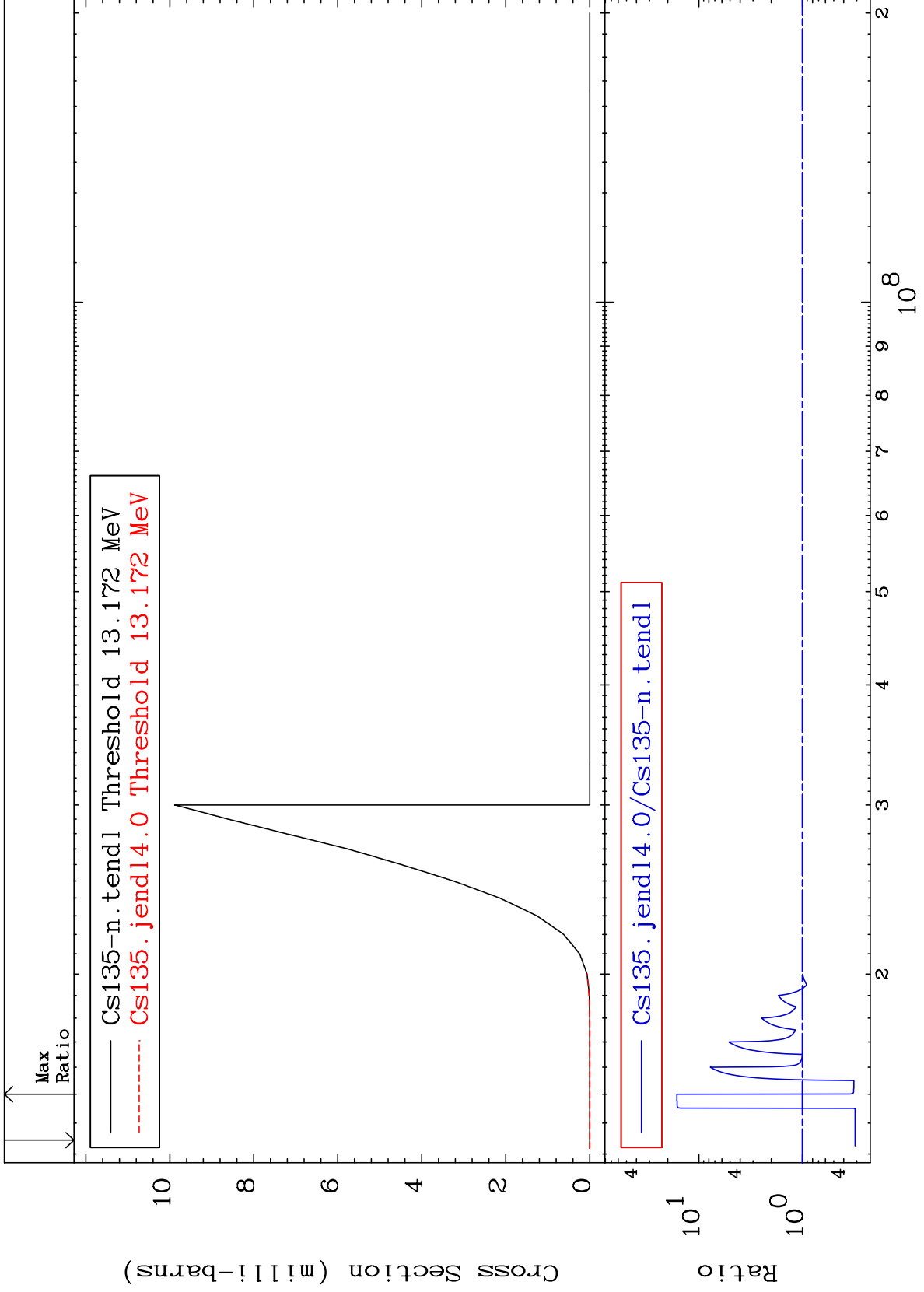
Incident Energy (eV)

55-Cs-135

MAT 5531

(n,n') d
Cross Section

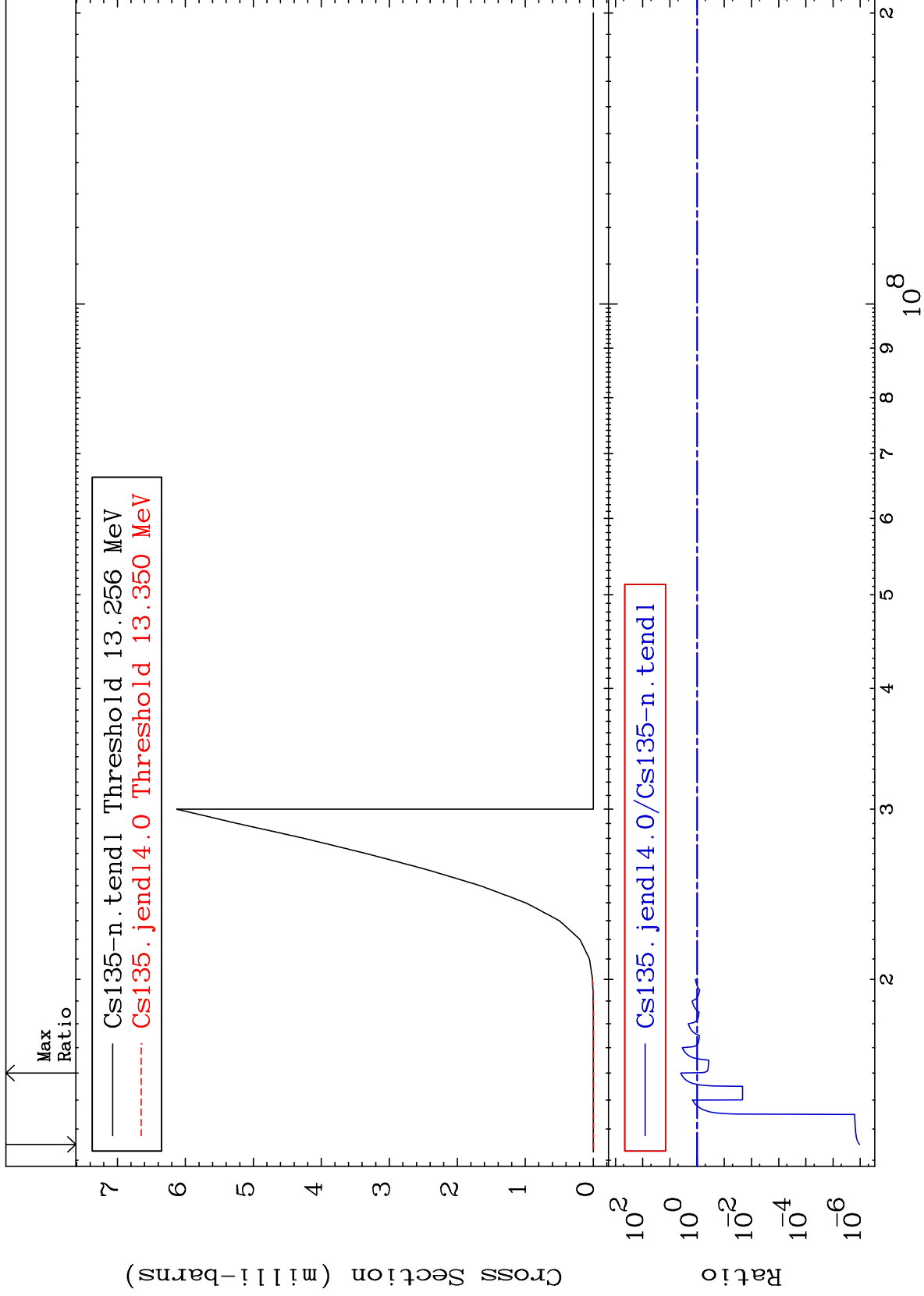
55-Cs-135
-68.94 To 1528. %



MAT 5531

(n,n') t
Cross Section

55-Cs-135
-100.0 To 298.7 %



10

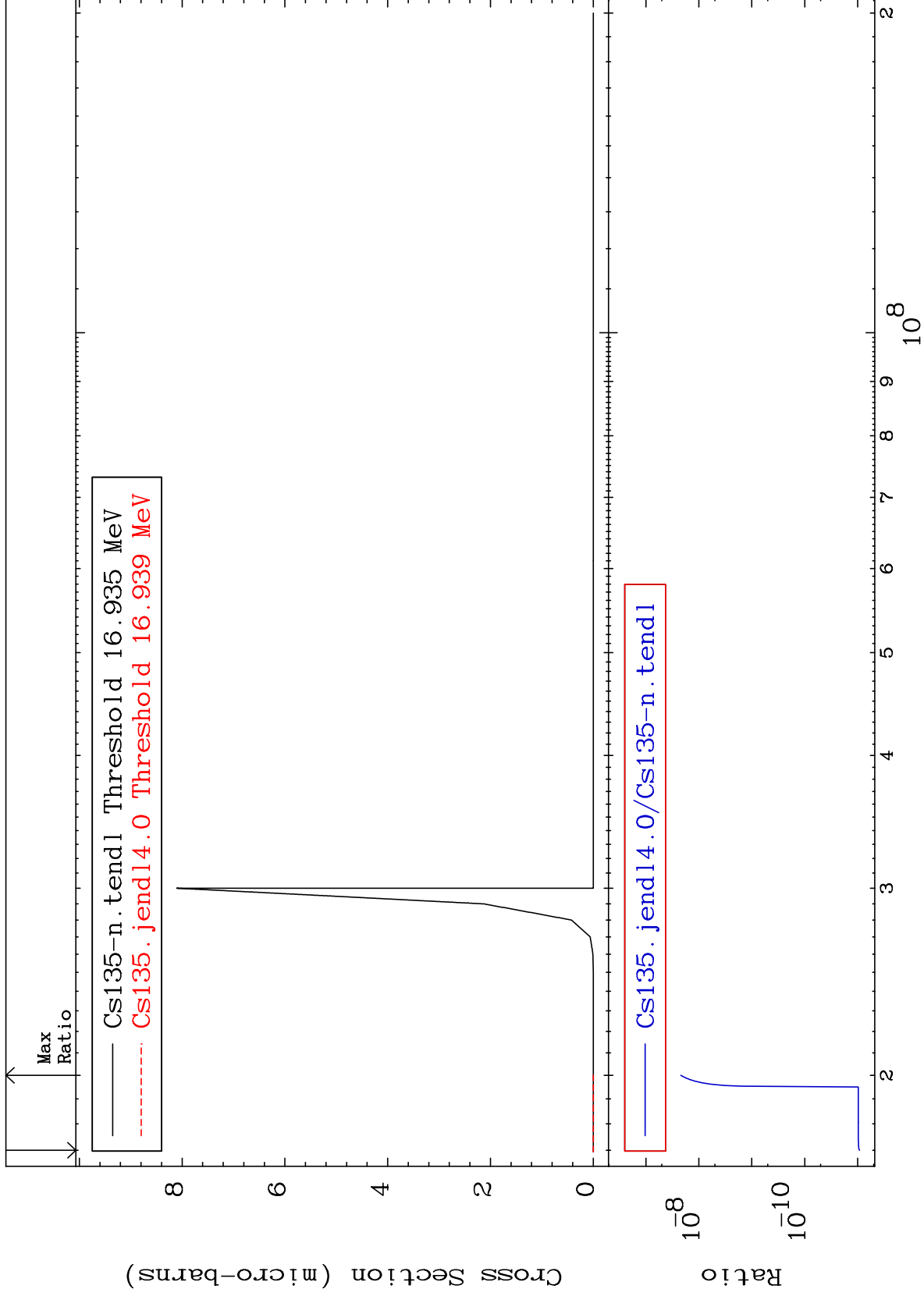
Incident Energy (eV)

55-Cs-135

MAT 5531

(n, n') He-3
Cross Section

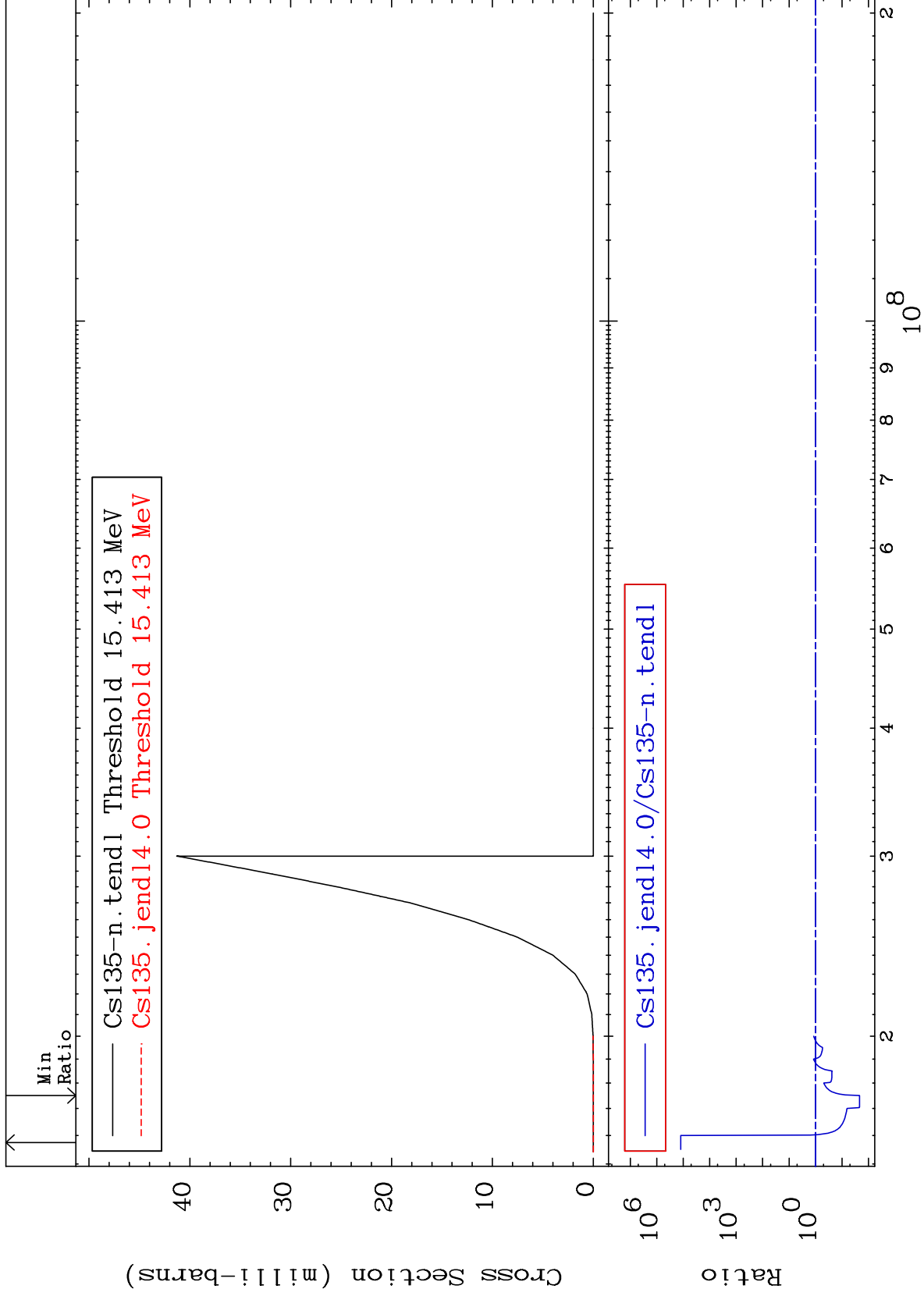
55-Cs-135
-100.0 To -100.0%



MAT 5531

(n,2n) p
Cross Section

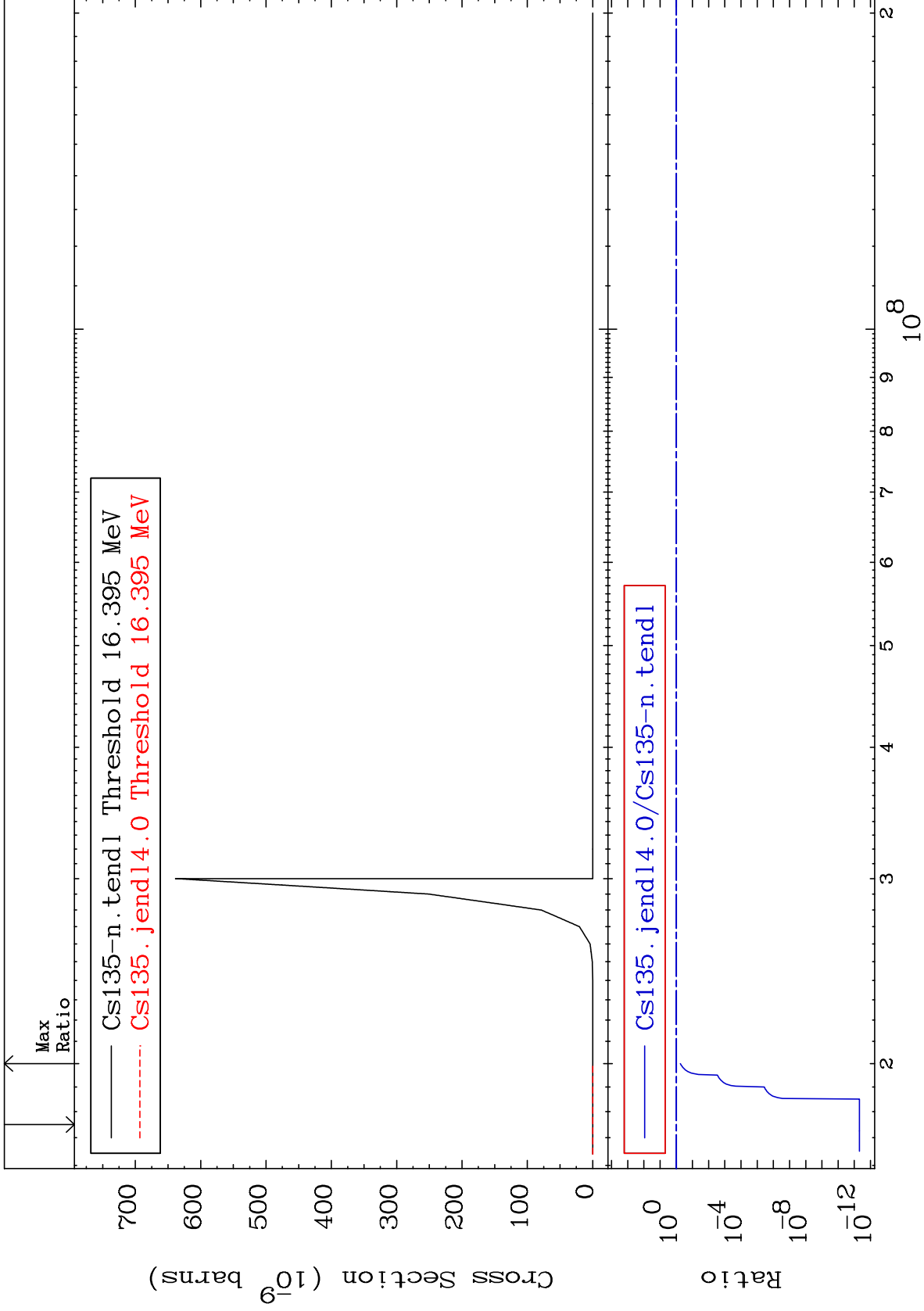
55-Cs-135
-97.82 To 9999. %



MAT 5531

(n,2n) p
Cross Section

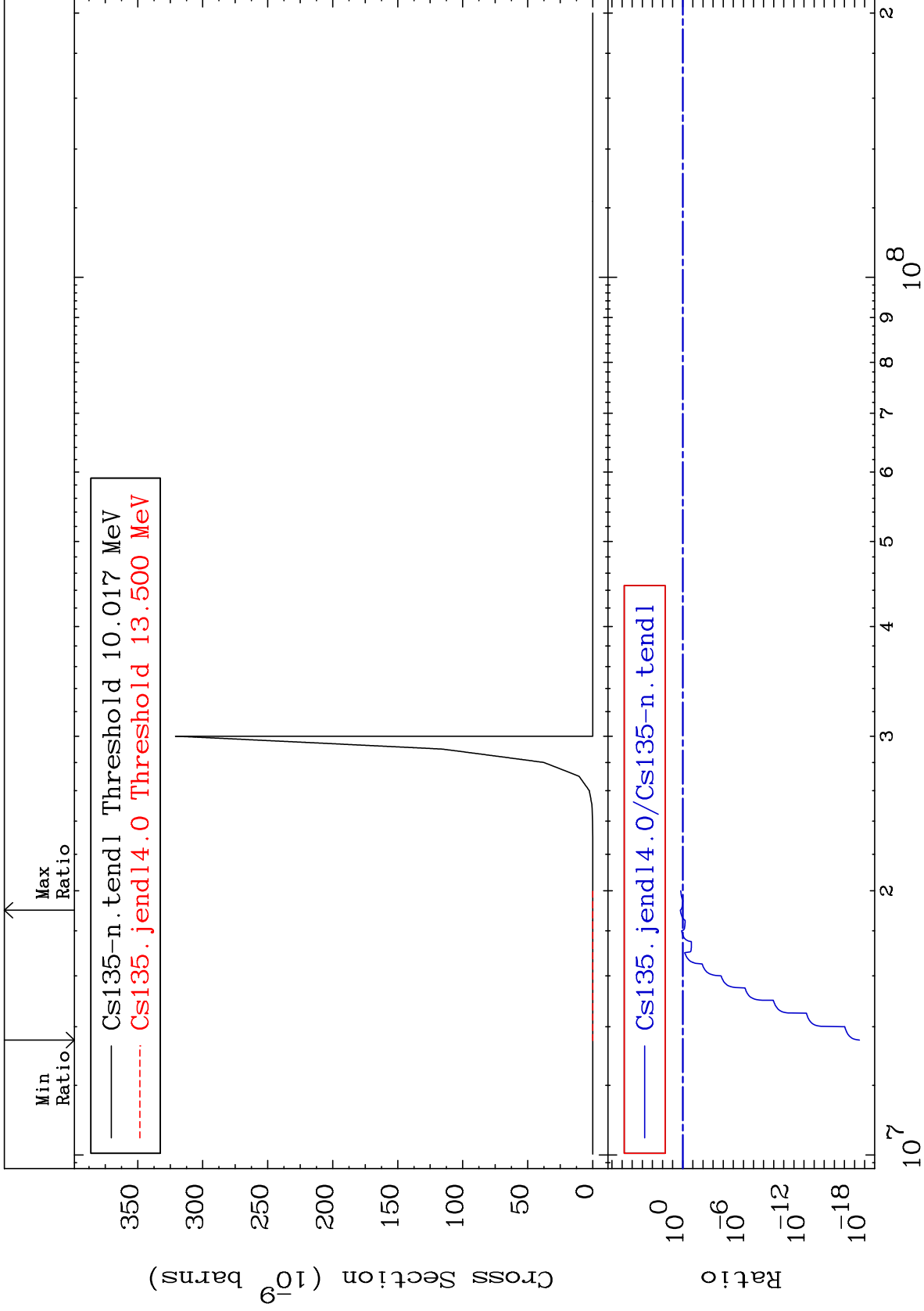
55-Cs-135
-100.0 To -44.01%



MAT 5531

(n,n') p α
Cross Section

55-Cs-135
-100.0 To 72.82 %



14

Incident Energy (eV)

55-Cs-135

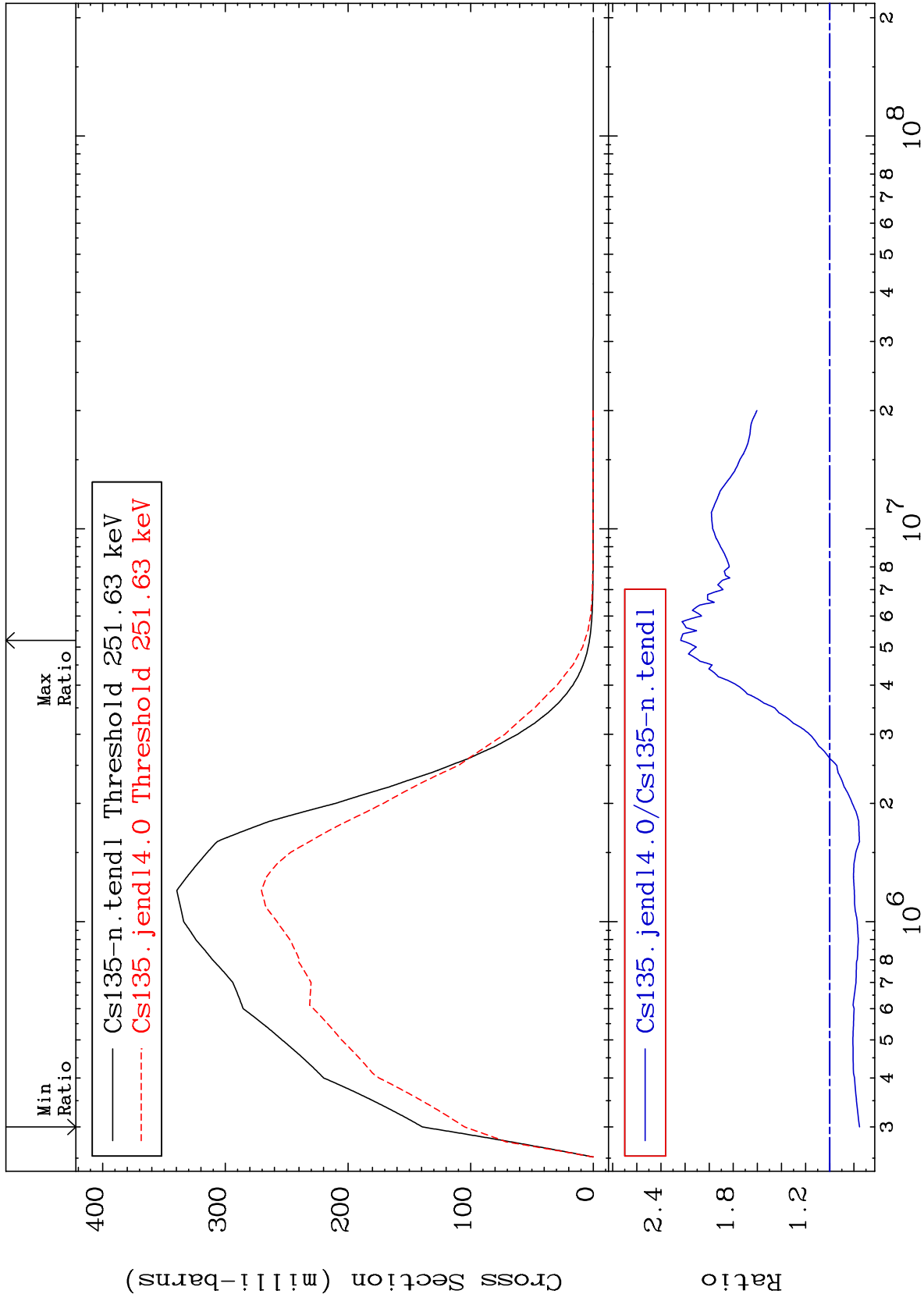
MAT 5531

249.8 keV (n,n') Level

55-Cs-135

-24.66 To 123.5 %

Cross Section



15

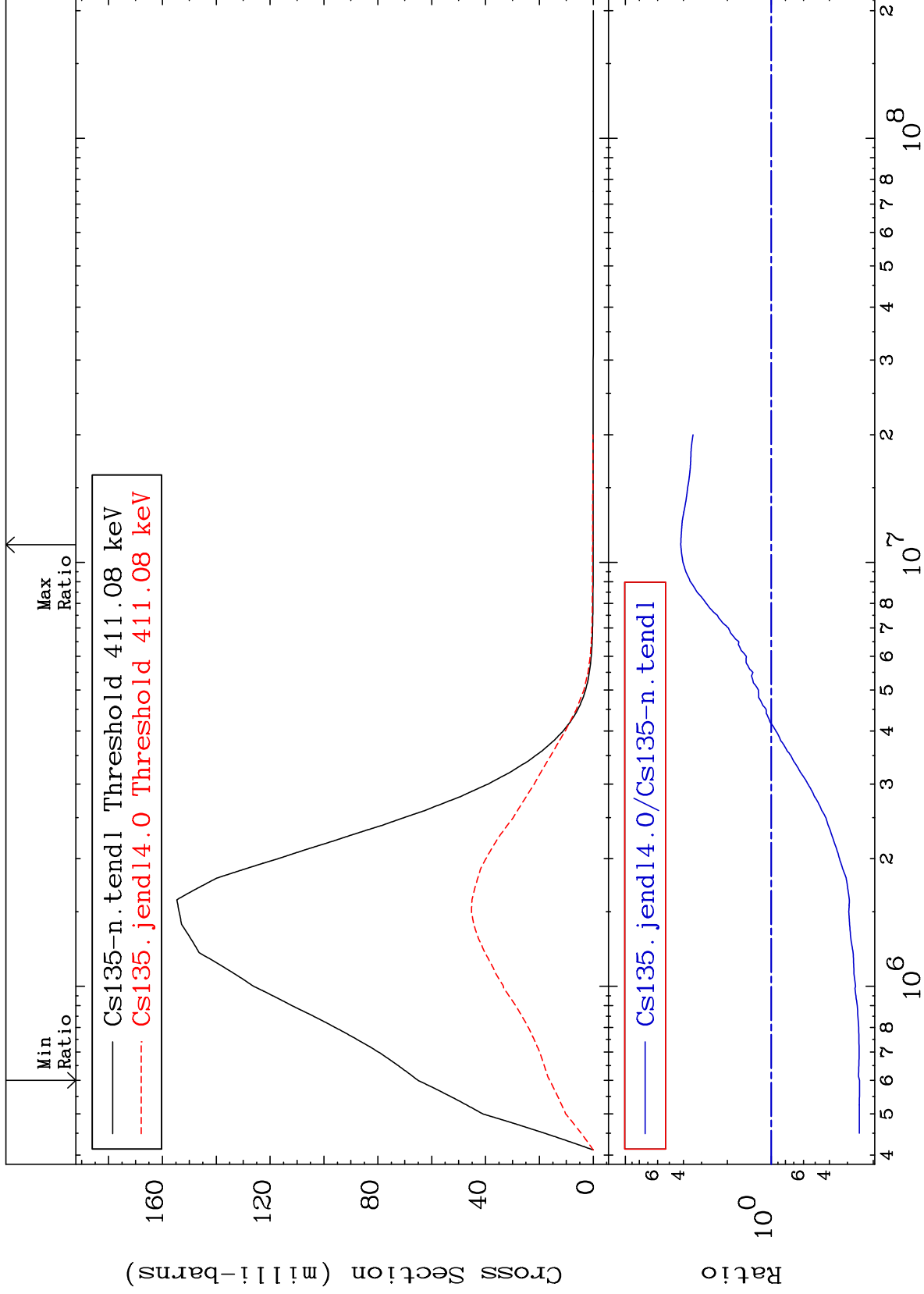
Incident Energy (eV)

55-Cs-135

MAT 5531

408.0 keV (n,n') Level
Cross Section

55-Cs-135
-75.17 To 316.5 %



16

Incident Energy (eV)

55-Cs-135

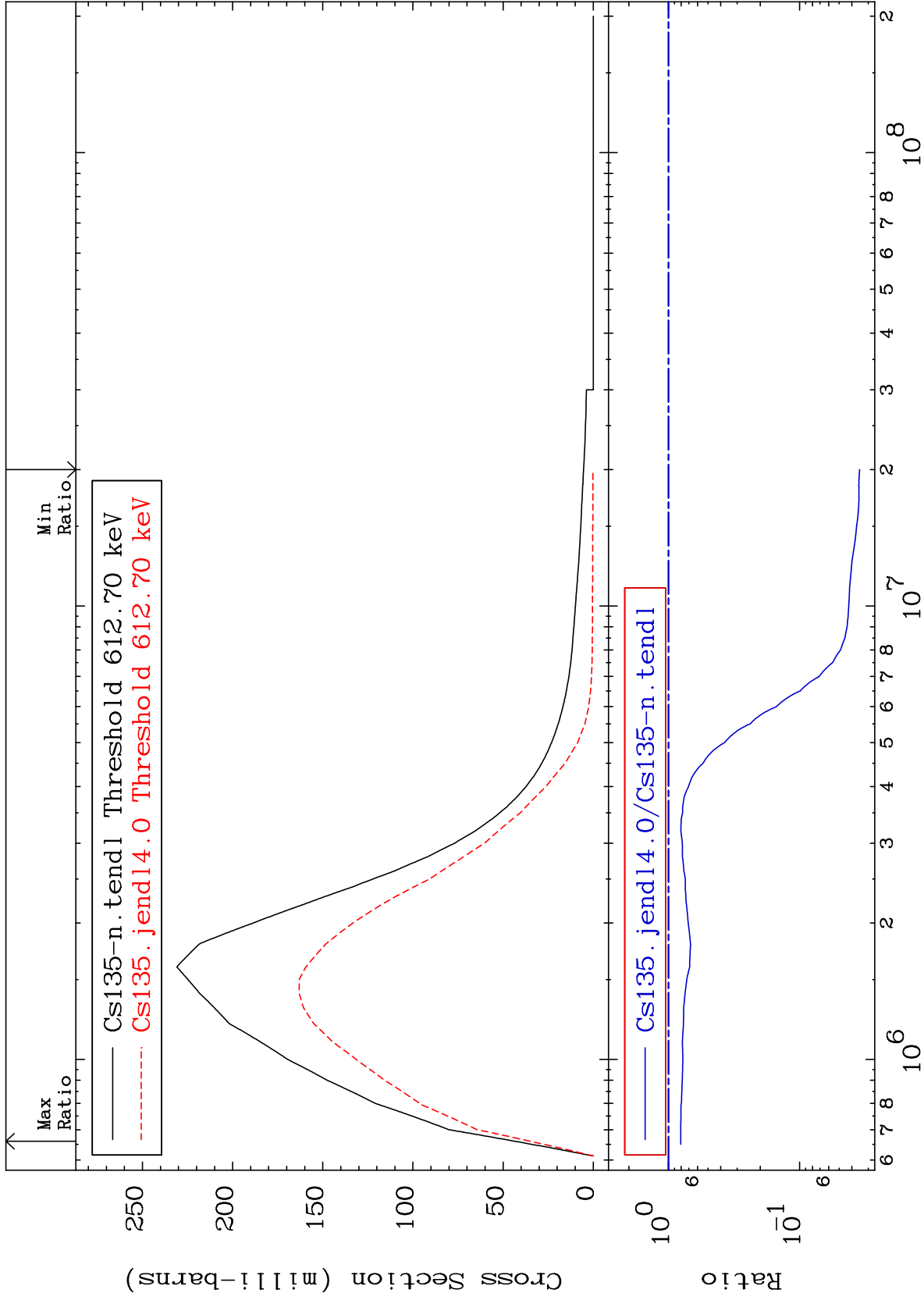
MAT 5531

608.2 keV (n,n') Level

55-Cs-135

Cross Section

-96.50 To -19.49%



17

Incident Energy (eV)

55-Cs-135

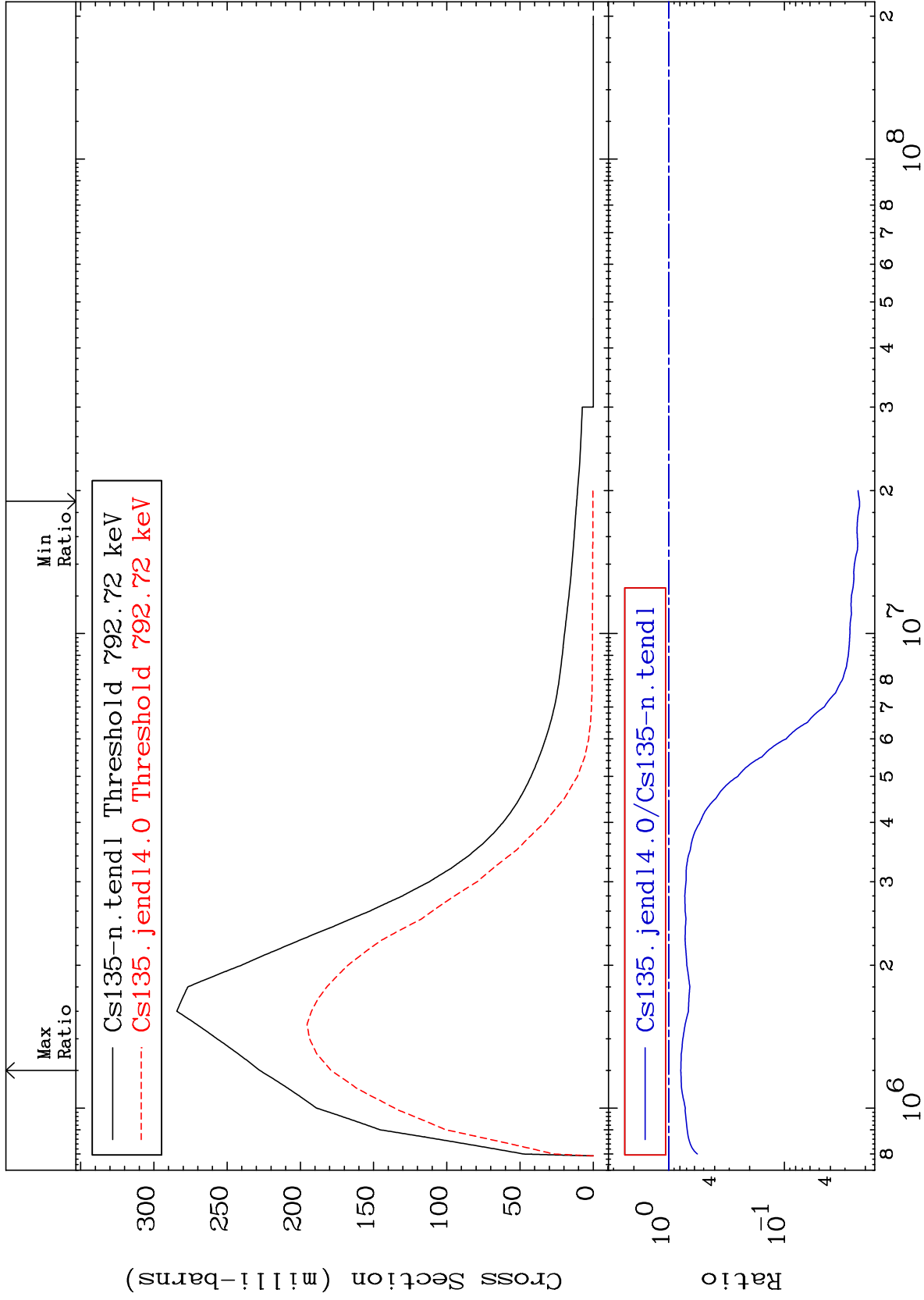
MAT 5531

786.8 keV (n,n') Level

55-Cs-135

Cross Section

-97.76 To -21.36%



18

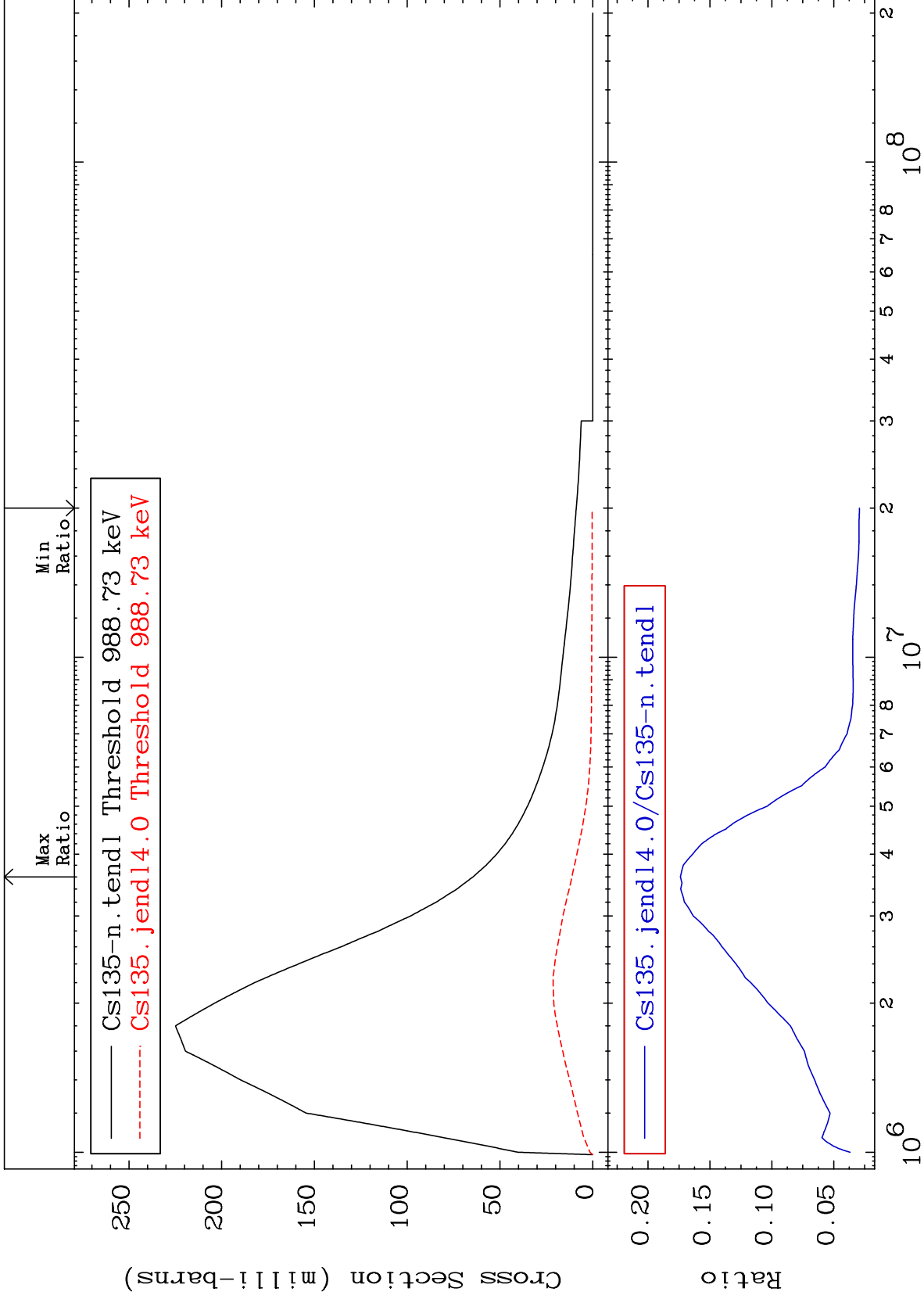
Incident Energy (eV)

55-Cs-135

MAT 5531

981.4 keV (n,n') Level
Cross Section

55-Cs-135
-97.07 To -82.61%



19

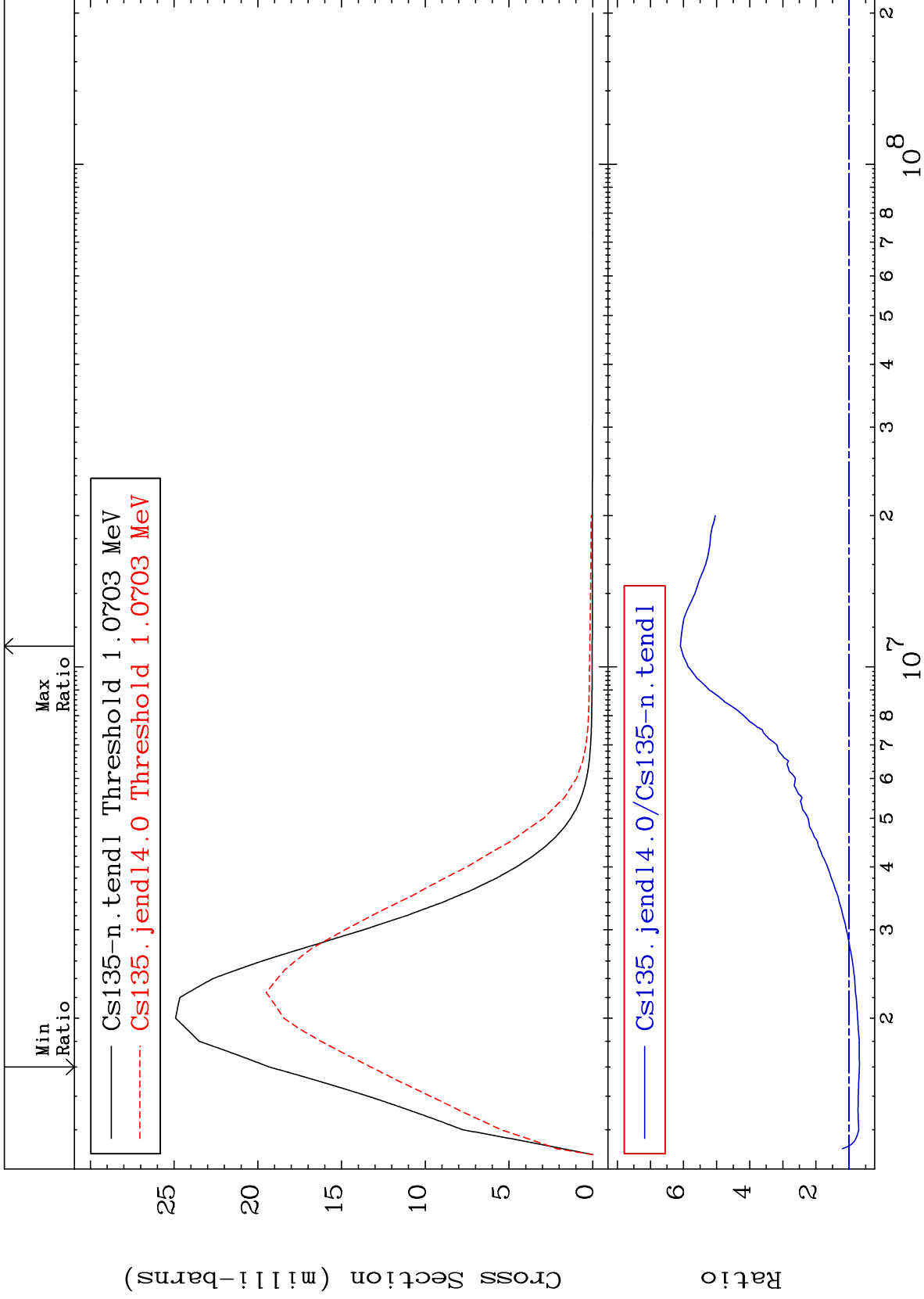
Incident Energy (eV)

55-Cs-135

MAT 5531

1.062 MeV (n,n') Level
Cross Section

55-Cs-135
-31.39 To 509.6 %



20

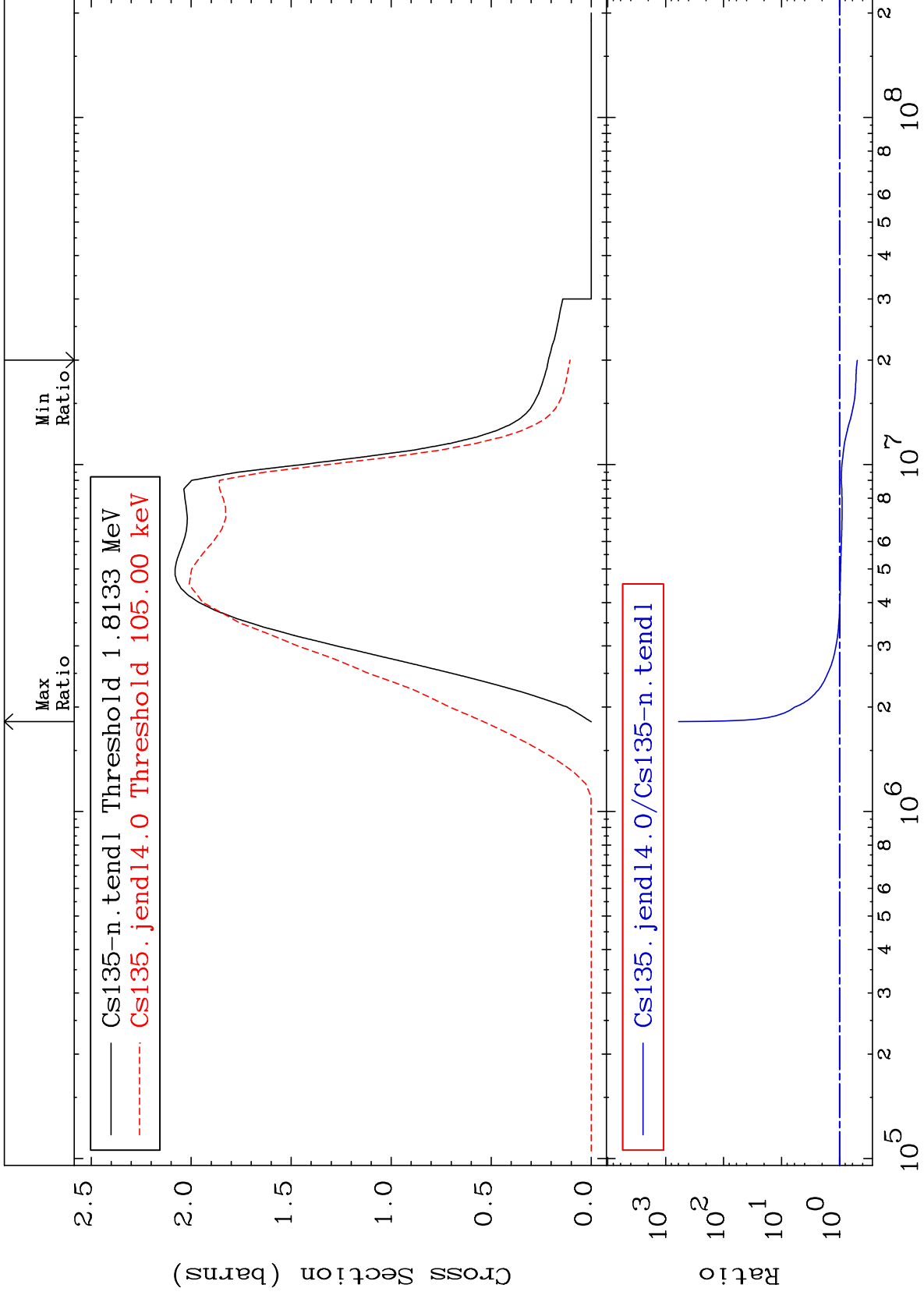
Incident Energy (eV)

55-Cs-135

MAT 5531

(n, n') Continuum
Cross Section

55-Cs-135
-50.58 To 9999. %



21

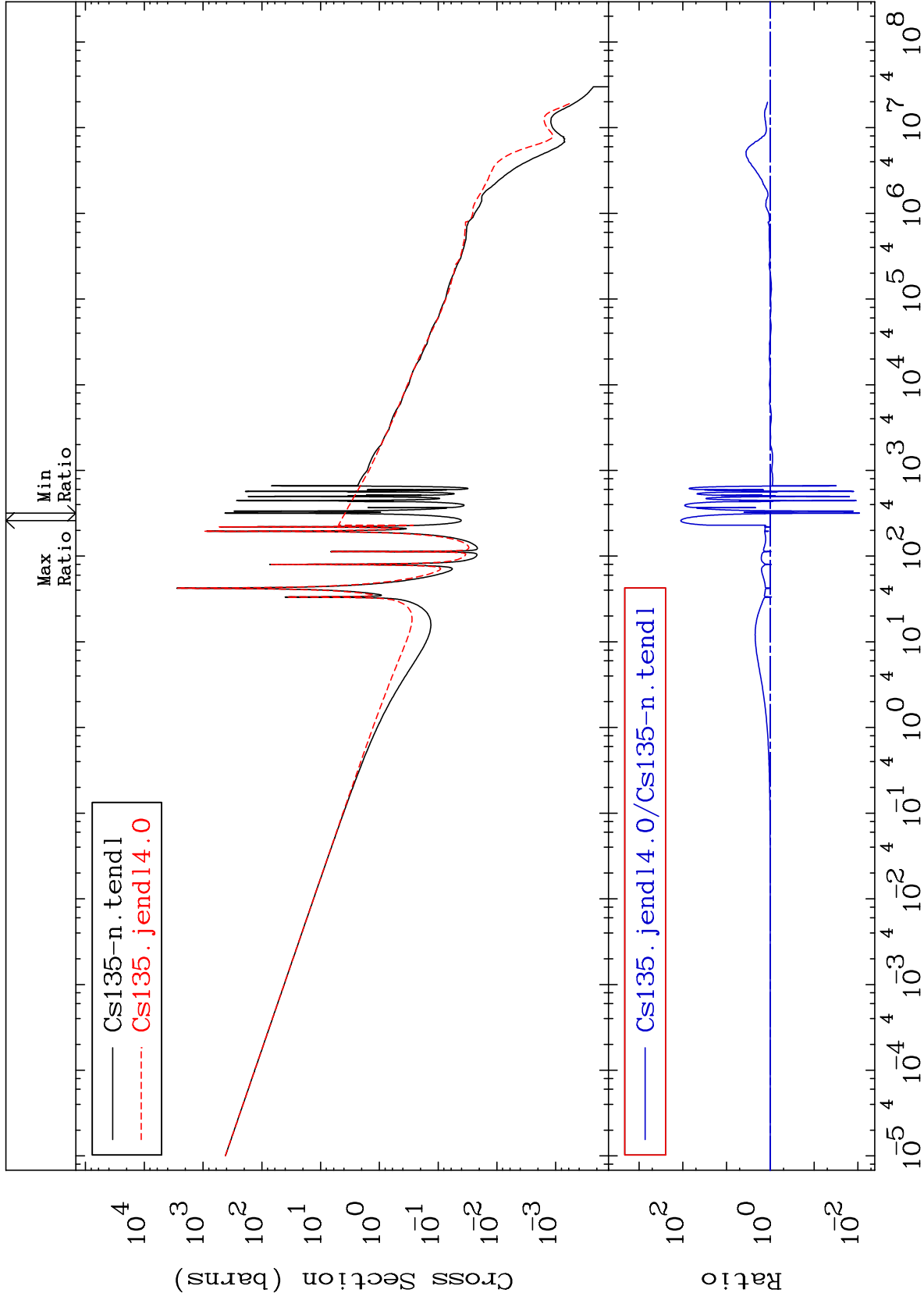
Incident Energy (eV)

55-Cs-135

MAT 5531

55-Cs-135

(n, γ)
Cross Section
-99.09 To 9999. %



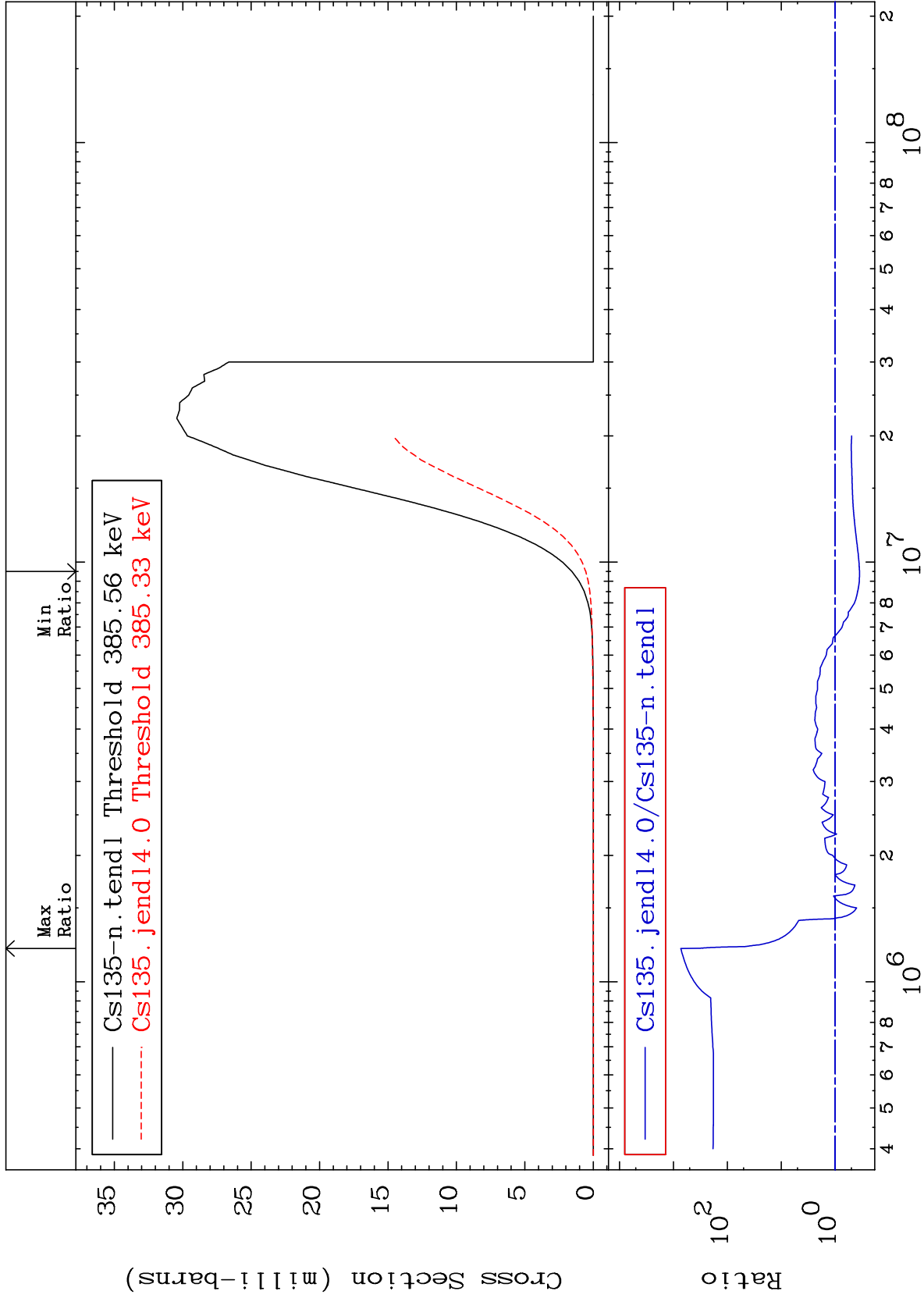
MAT 5531

(n,p)

55-Cs-135

Cross Section

-64.72 To 9999. %



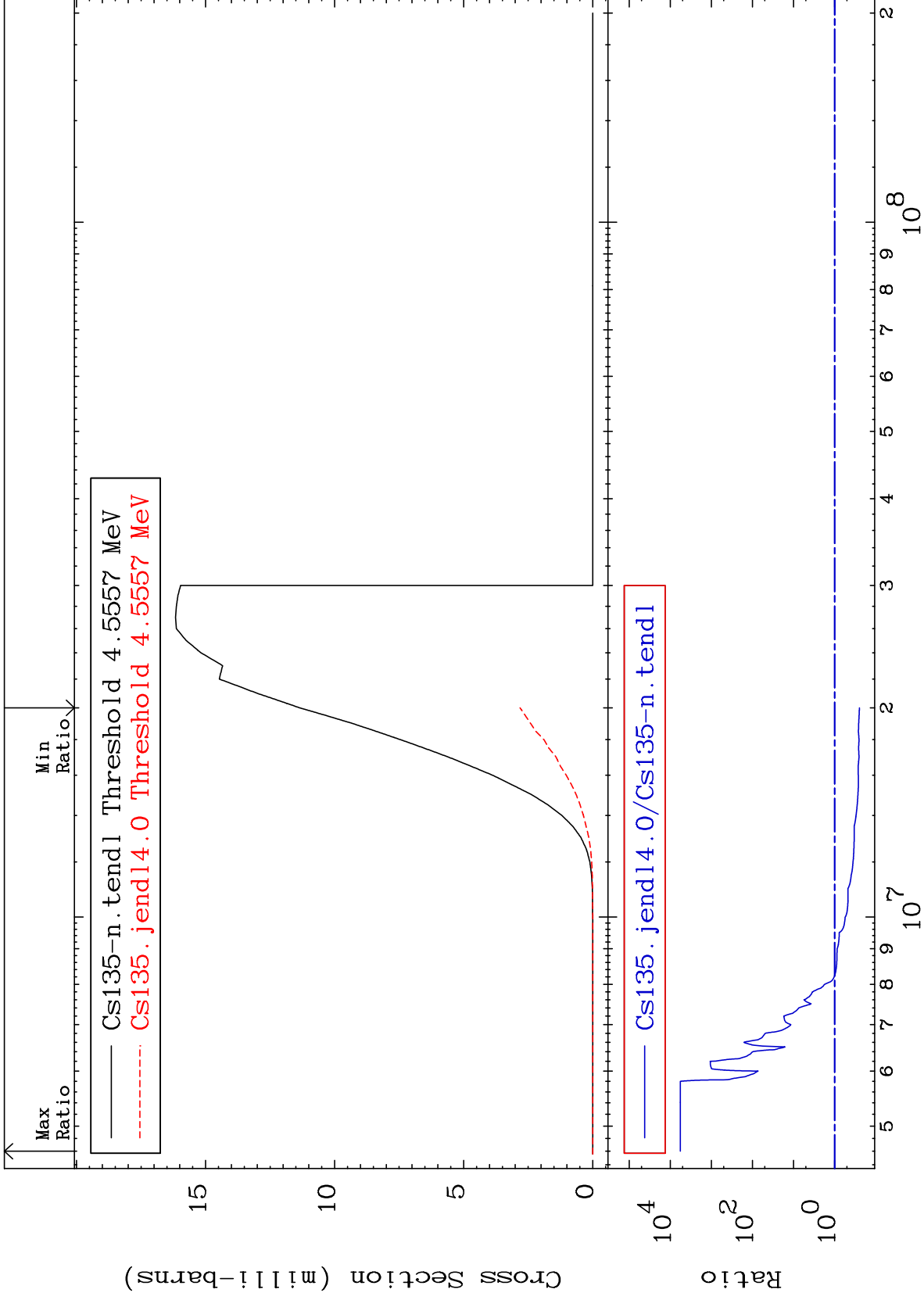
MAT 5531

(n, d)

55-Cs-135

Cross Section

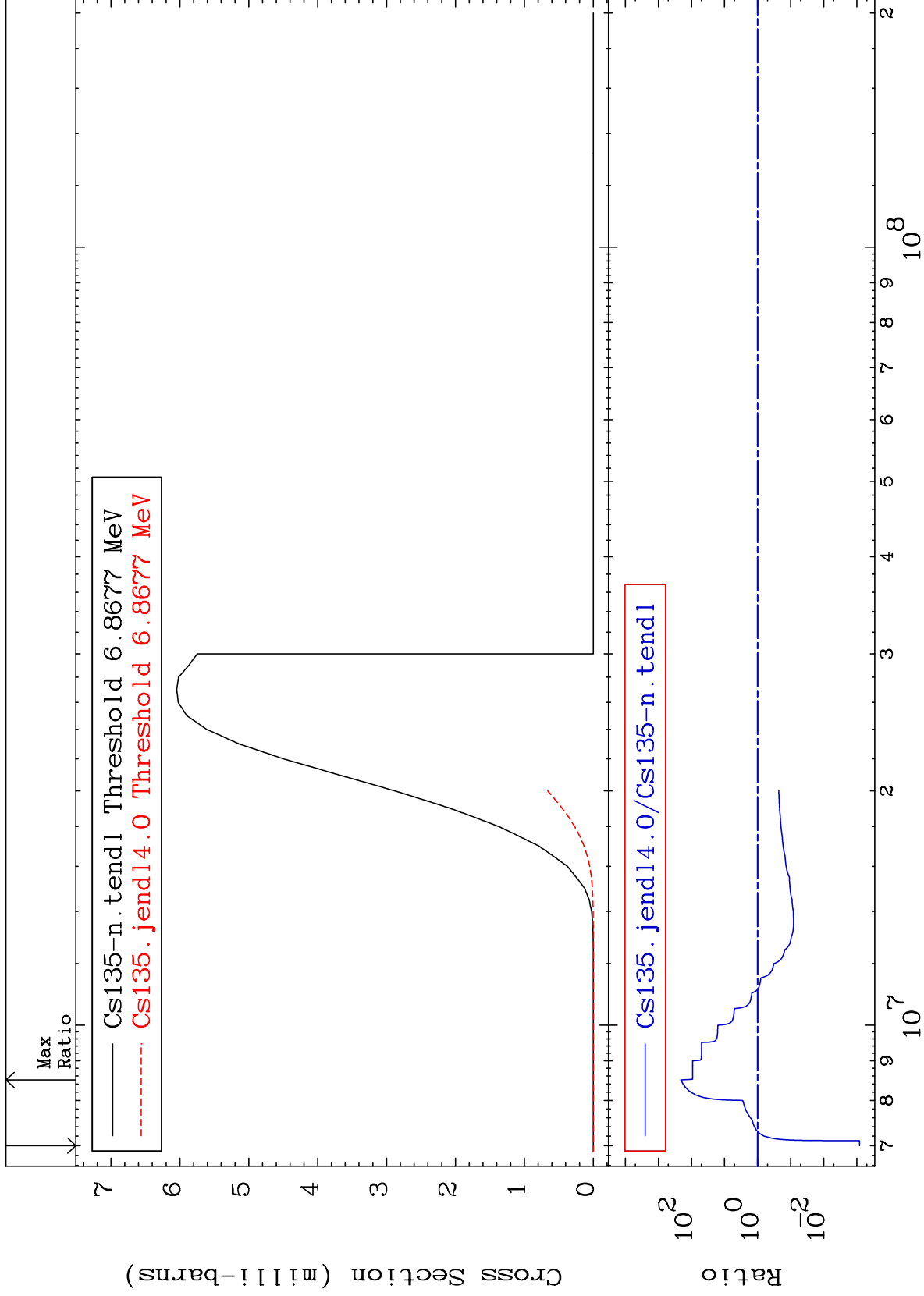
-75.21 To 9999. %



MAT 5531

(n, t)
Cross Section

55-Cs-135
-99.92 To 9999. %



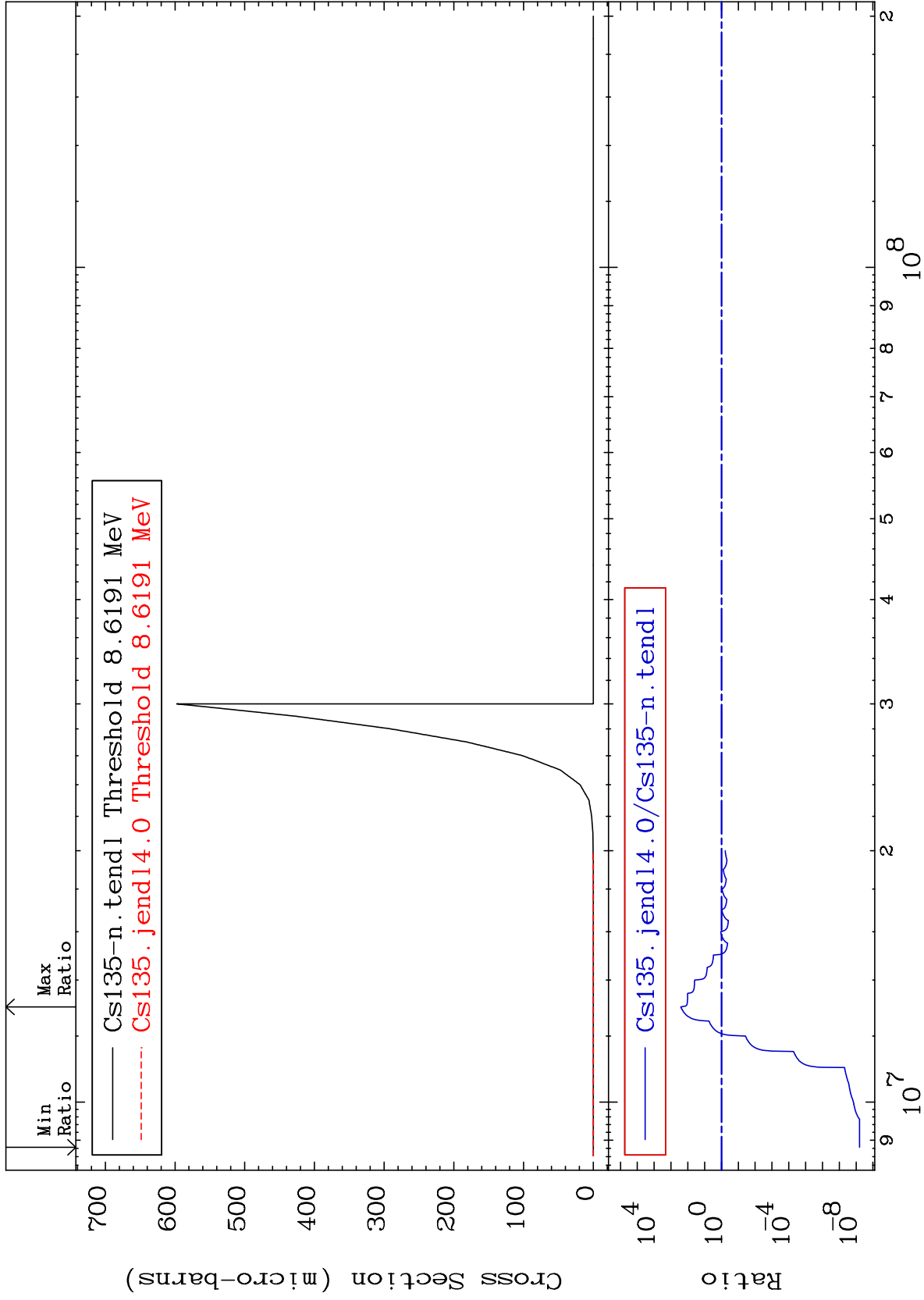
MAT 5531

(n, He-3)

55-Cs-135

Cross Section

-100.0 To 9999. %



26

Incident Energy (eV)

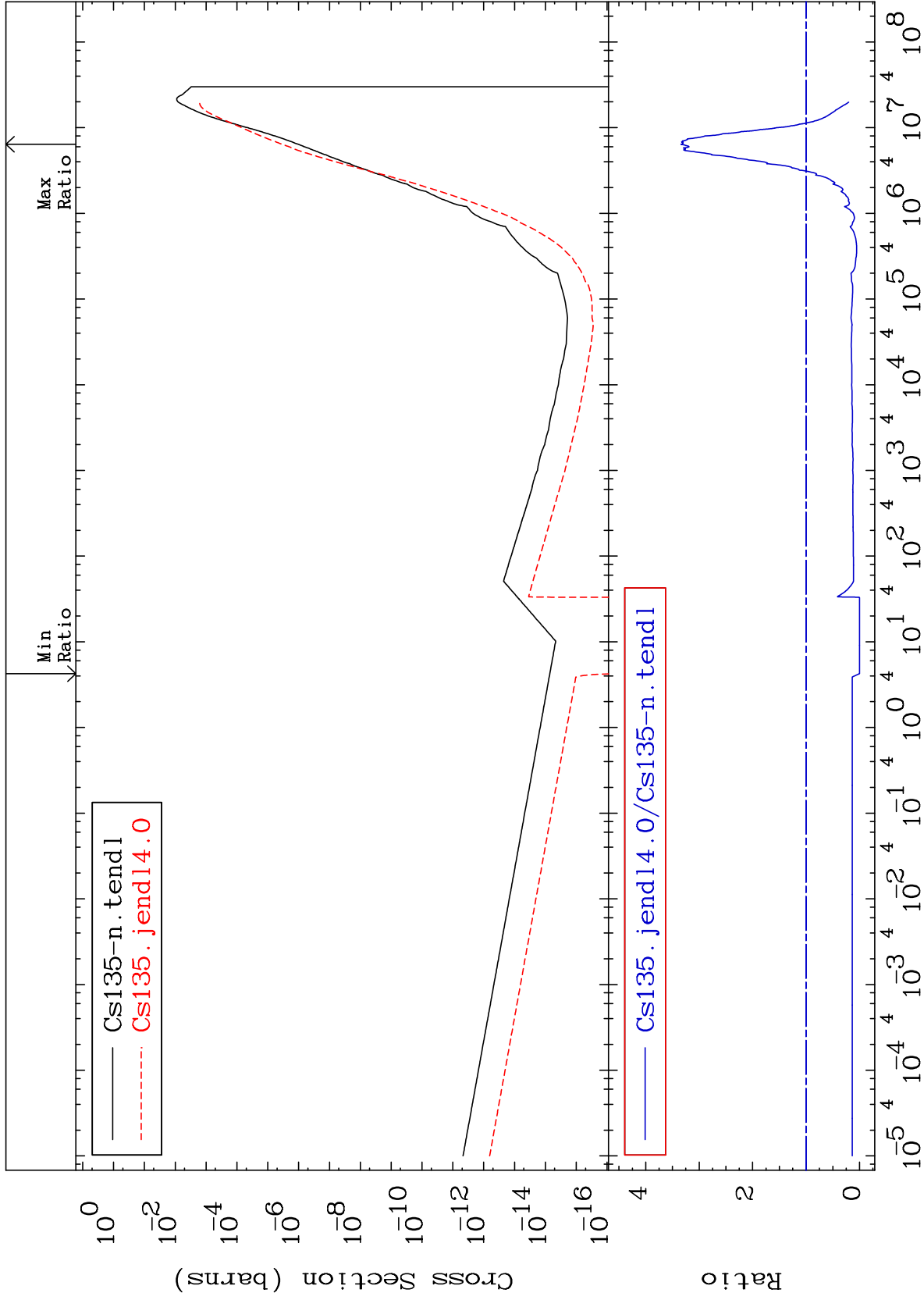
55-Cs-135

MAT 5531

55-Cs-135

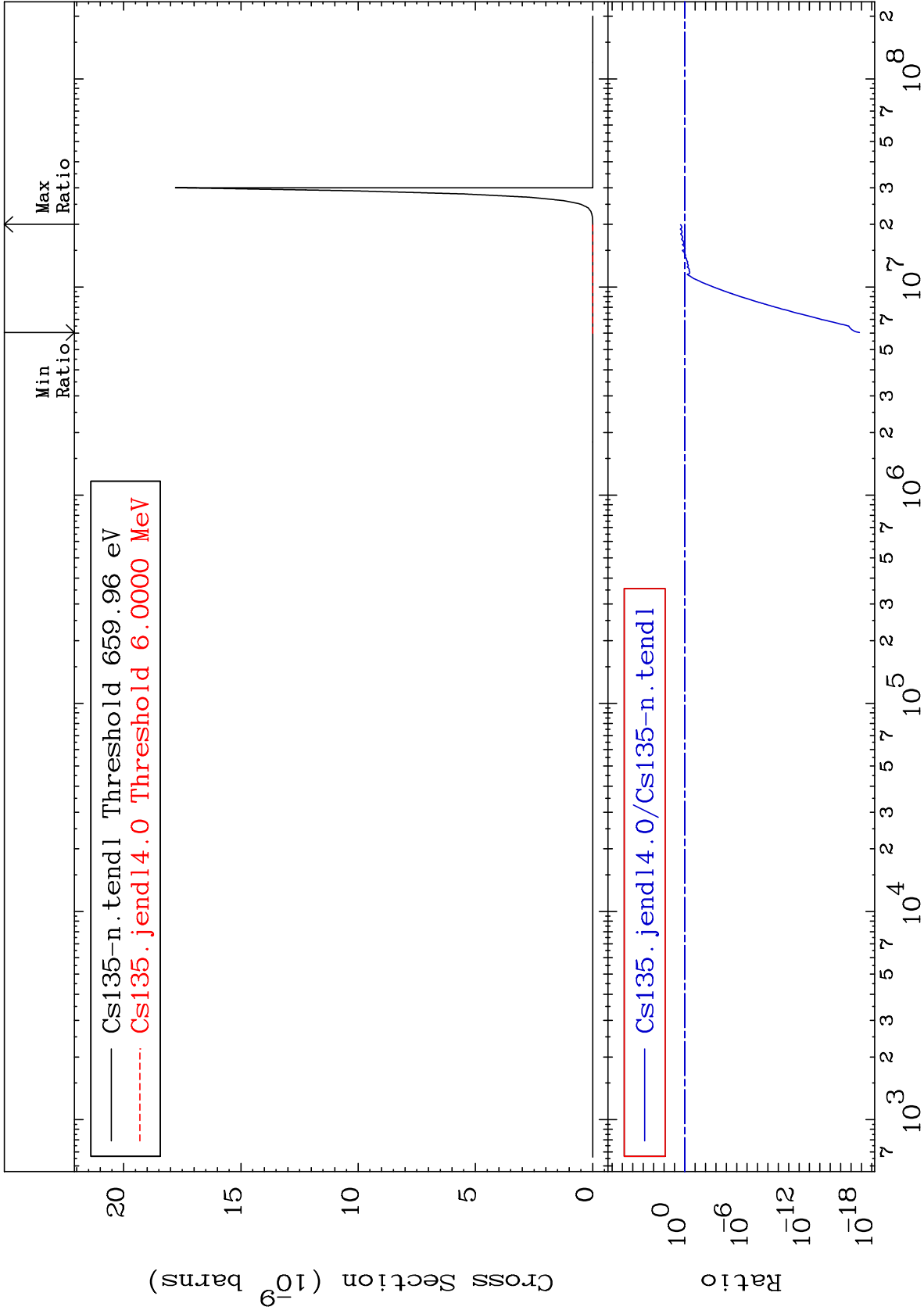
(n, α)
Cross Section

-100.0 To 234.4 %



Cross Section

-100.0 To 165.7 %



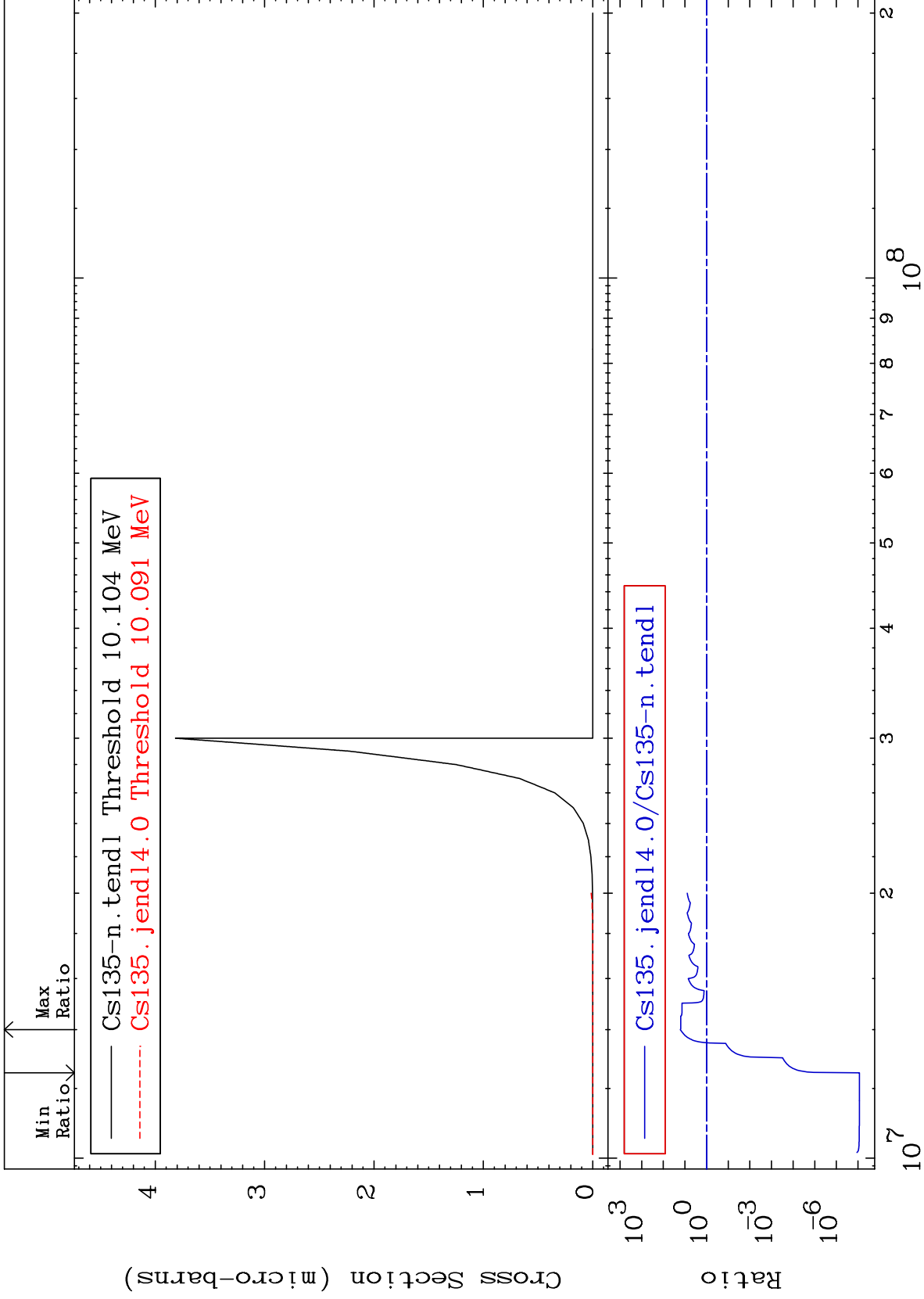
MAT 5531

(n,2p)

55-Cs-135

Cross Section

-100.0 To 1528. %



29

Incident Energy (eV)

55-Cs-135

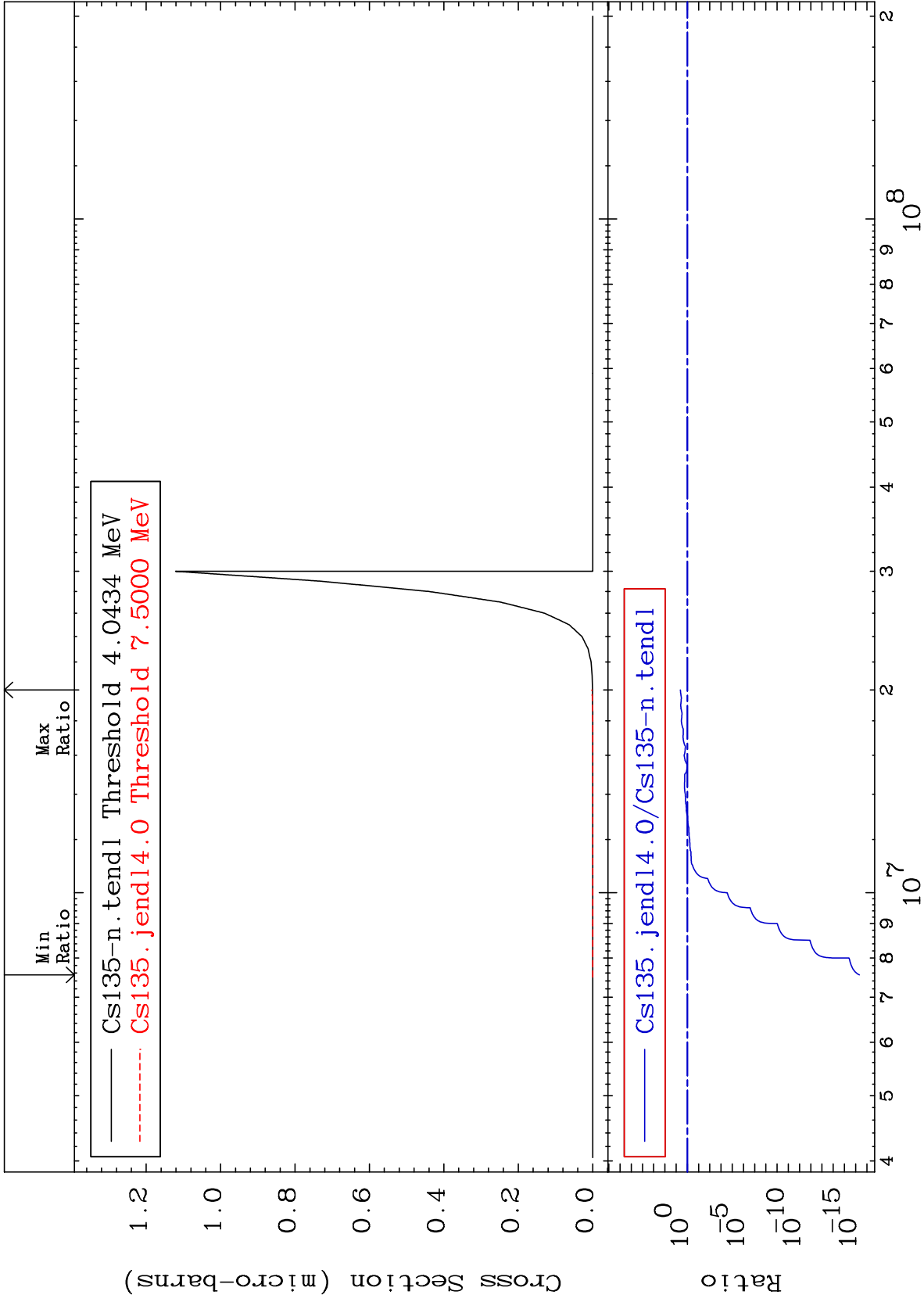
MAT 5531

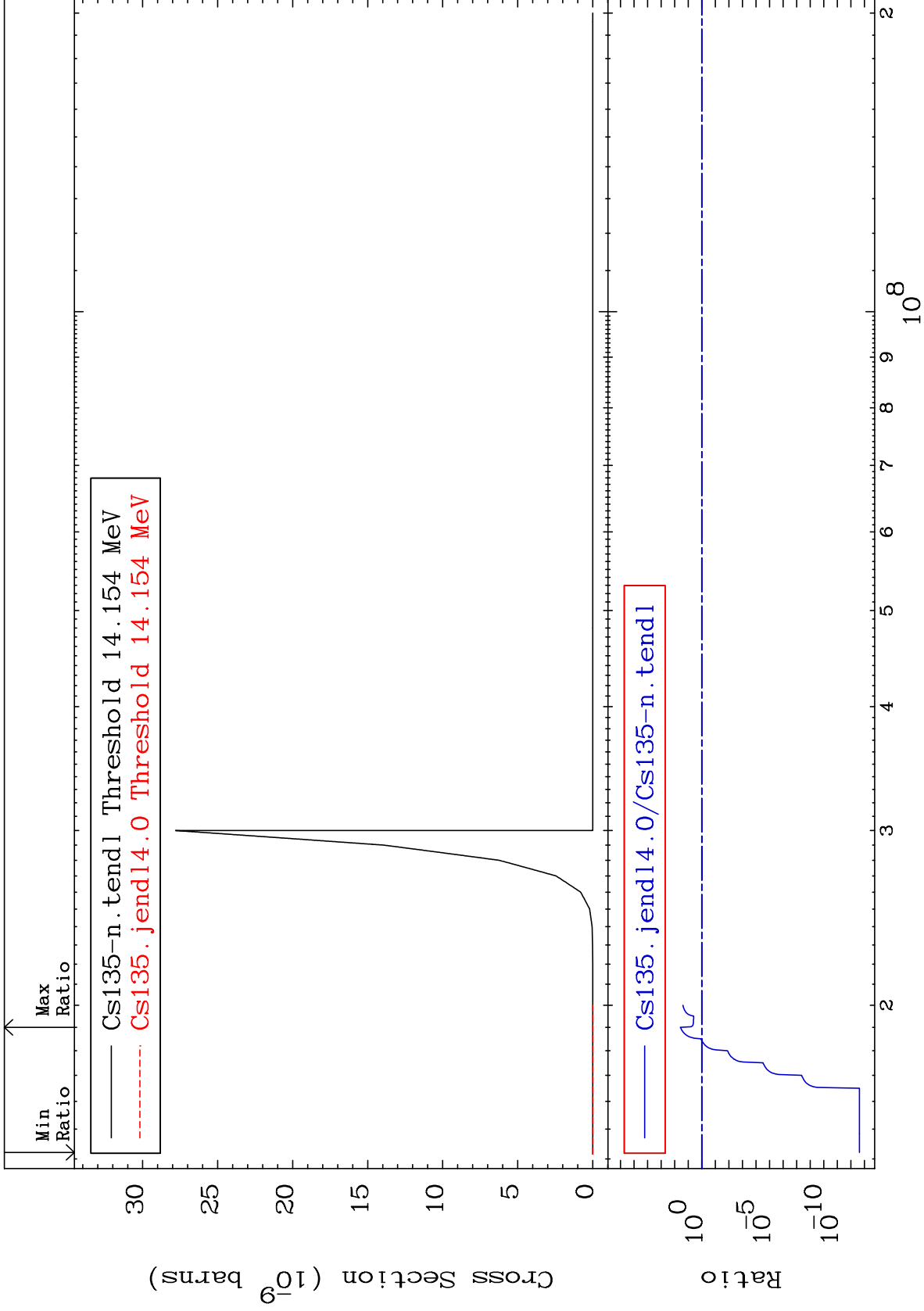
(n, p) α

55-Cs-135

Cross Section

-100.0 To 321.4 %

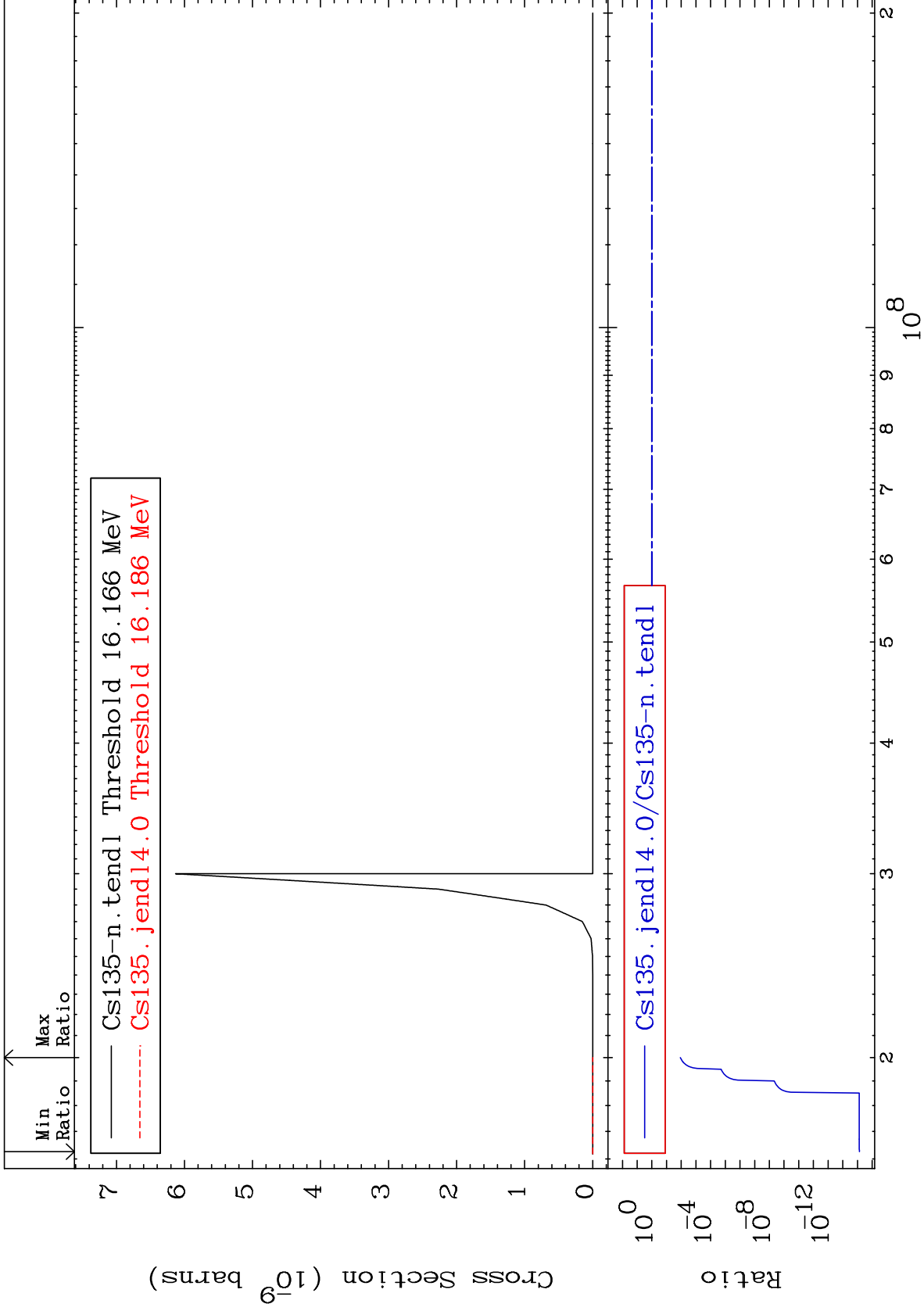




MAT 5531

(n, p) t
Cross Section

55-Cs-135
-100.0 To -98.86%



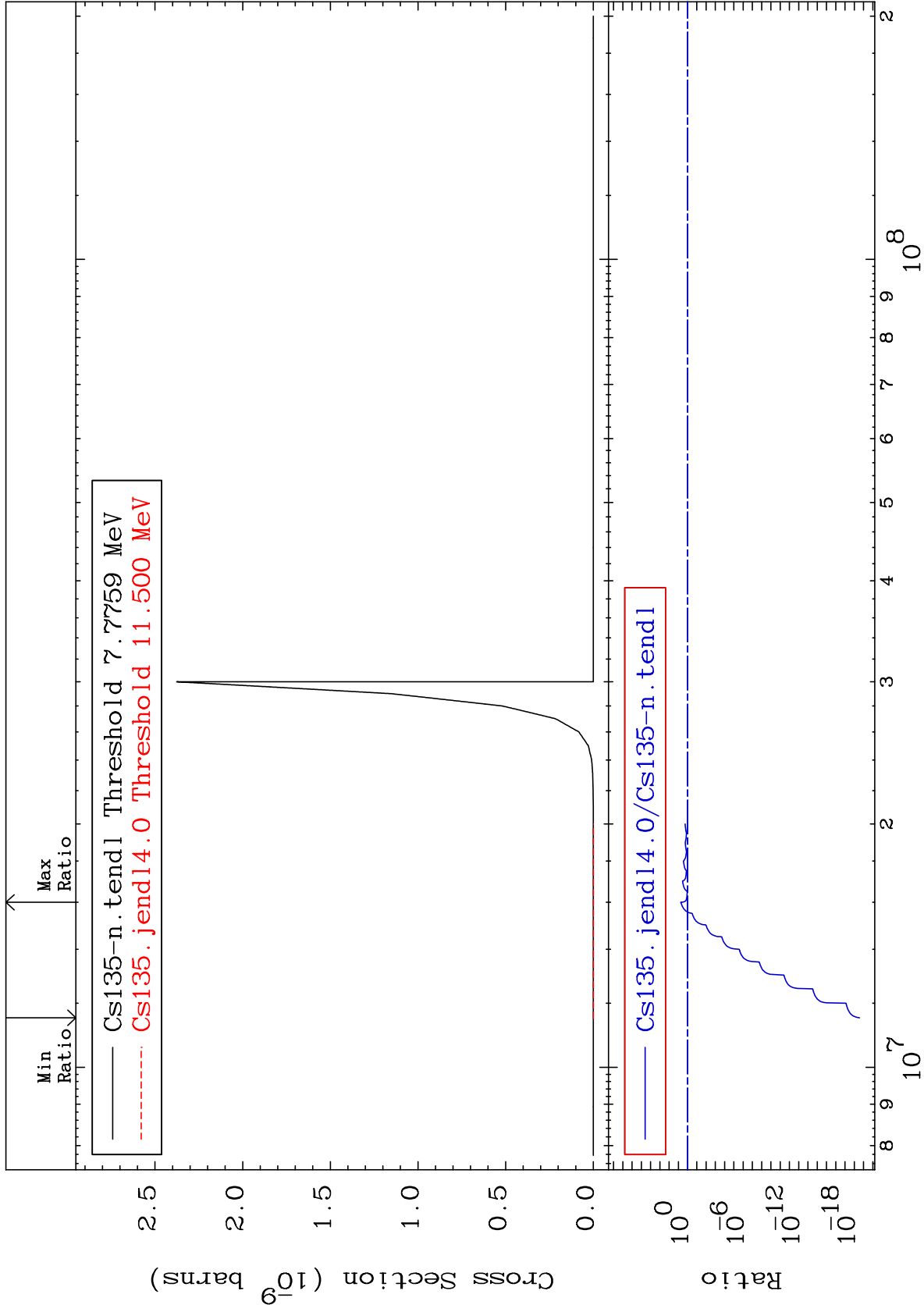
MAT 5531

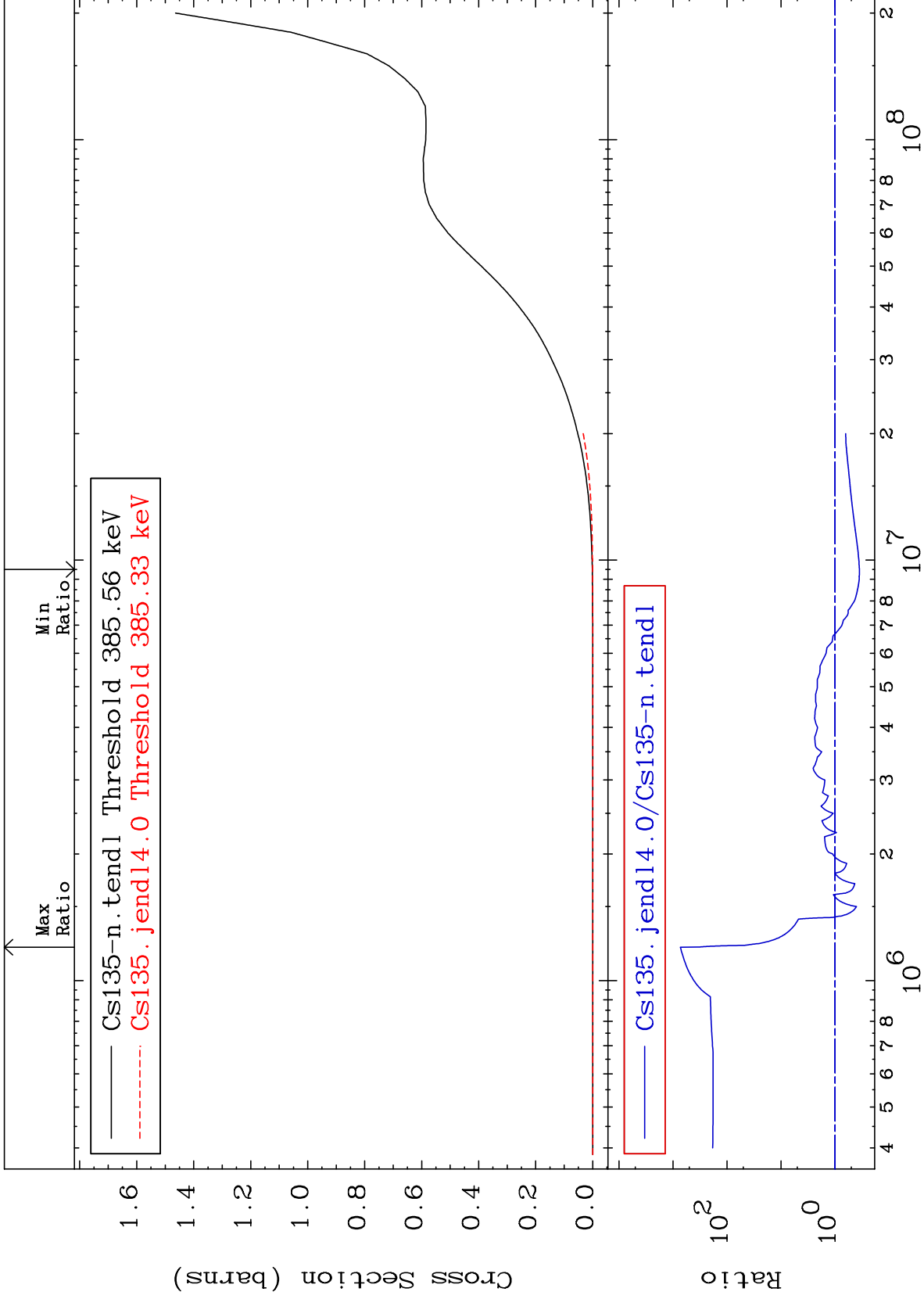
(n,d) α

55-Cs-135

Cross Section

-100.0 To 445.6 %

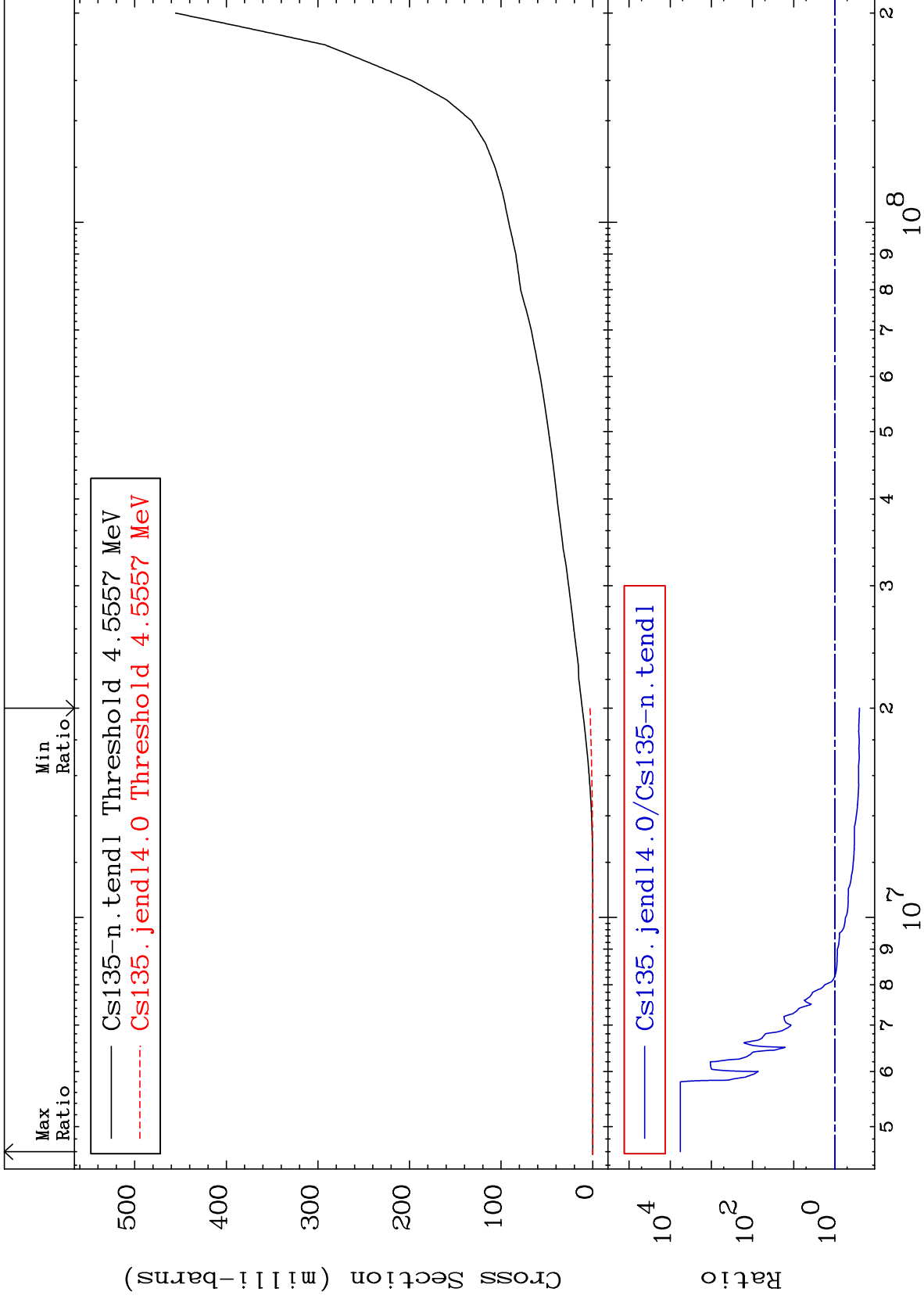




MAT 5531

Deuterium Production
Cross Section

55-Cs-135
-74.80 To 9999. %



35

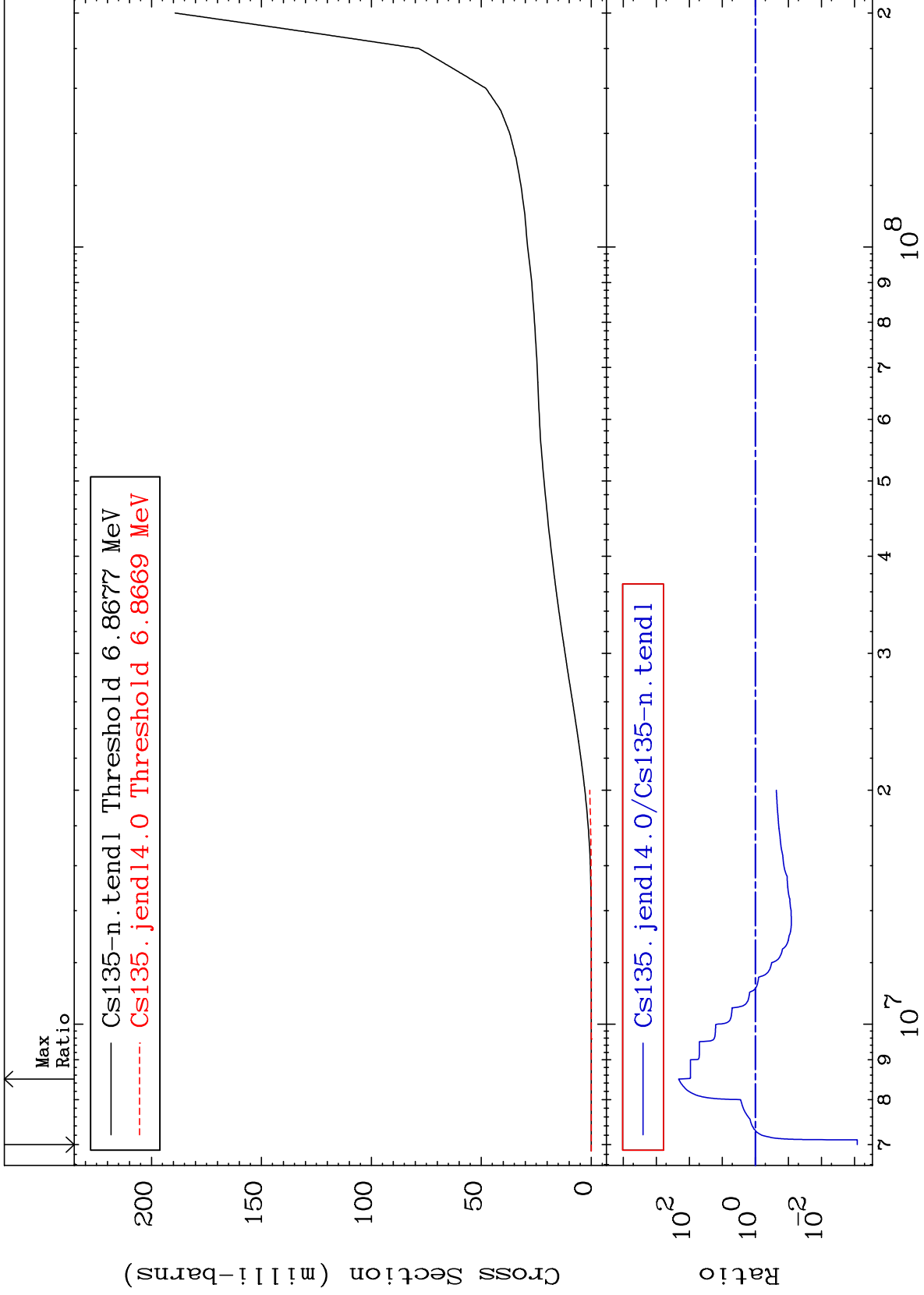
Incident Energy (eV)

55-Cs-135

MAT 5531

Tritium Production
Cross Section

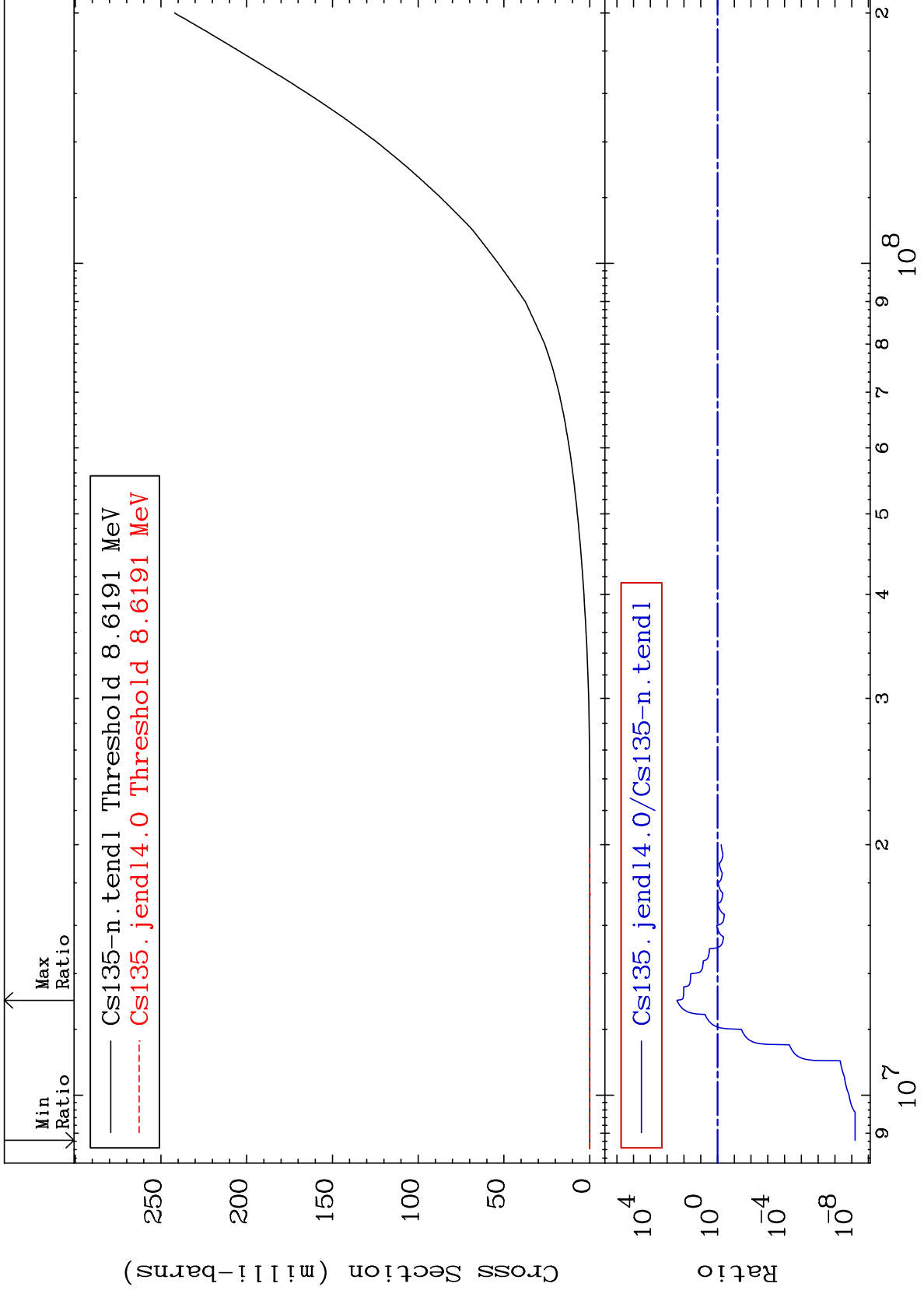
55-Cs-135
-99.92 To 9999. %



MAT 5531

He-3 Production
Cross Section

55-Cs-135
-100.0 To 9999. %



37

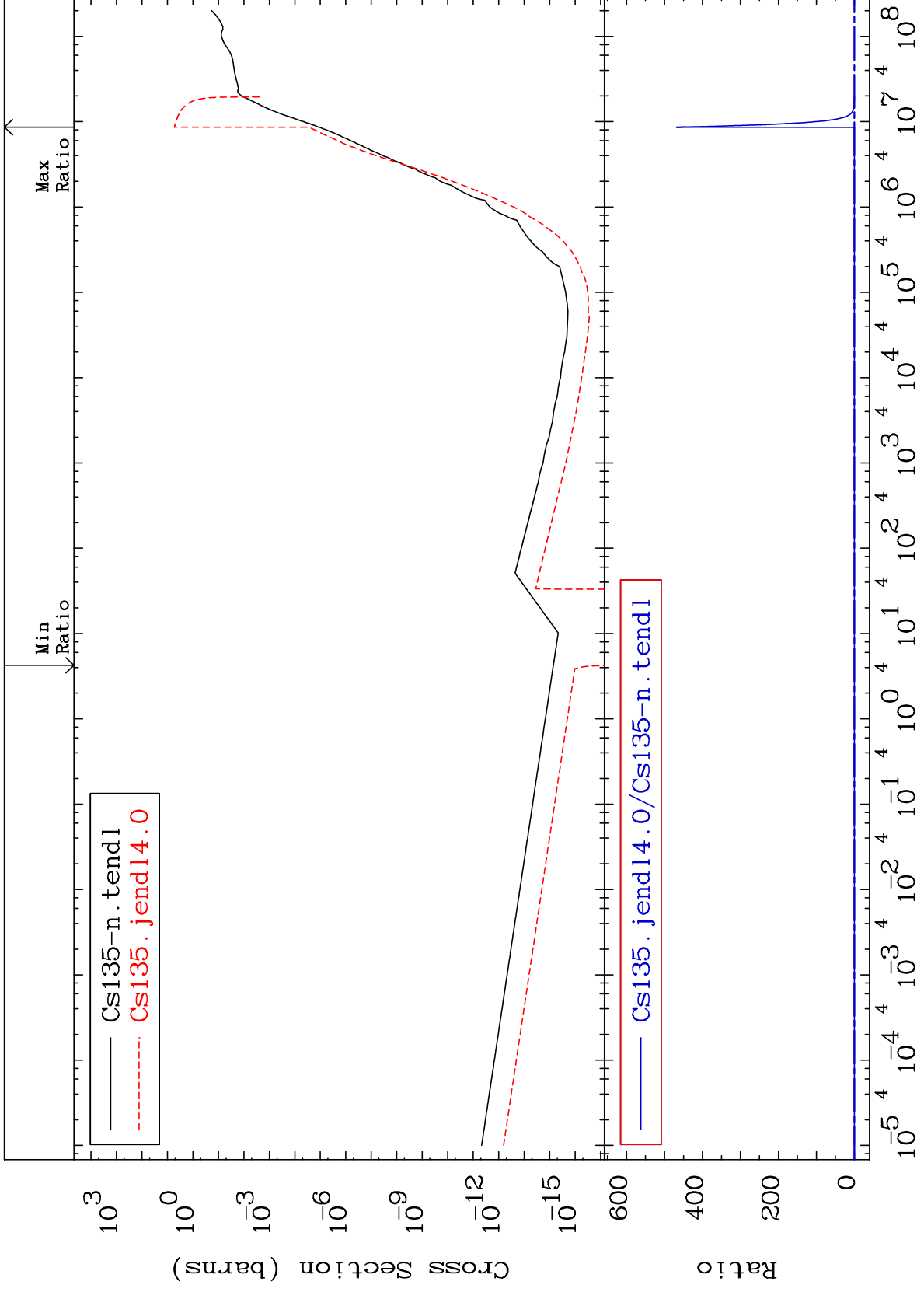
Incident Energy (eV)

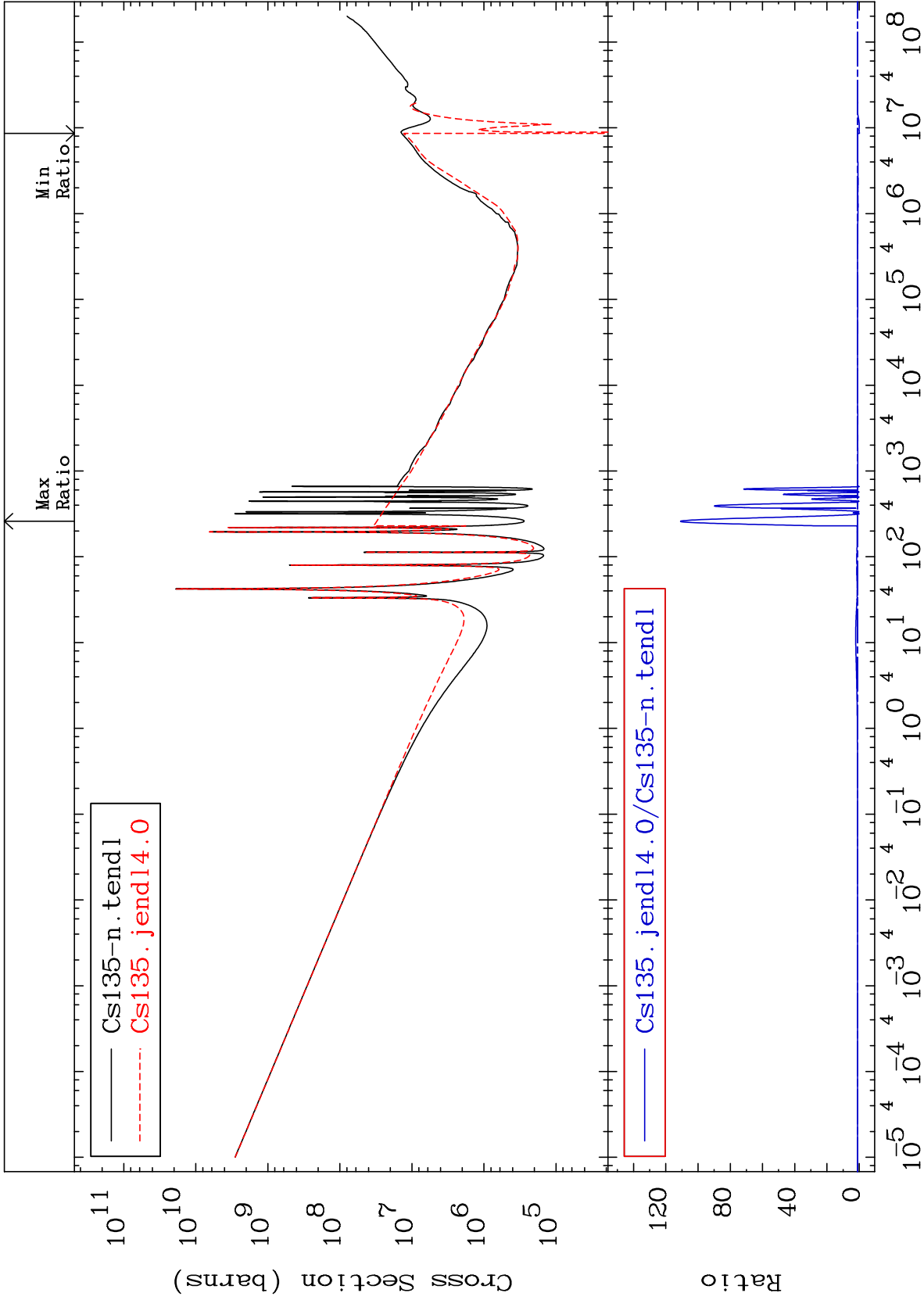
55-Cs-135

MAT 5531

He-4 Production
Cross Section

55-Cs-135
-100.0 To 9999. %

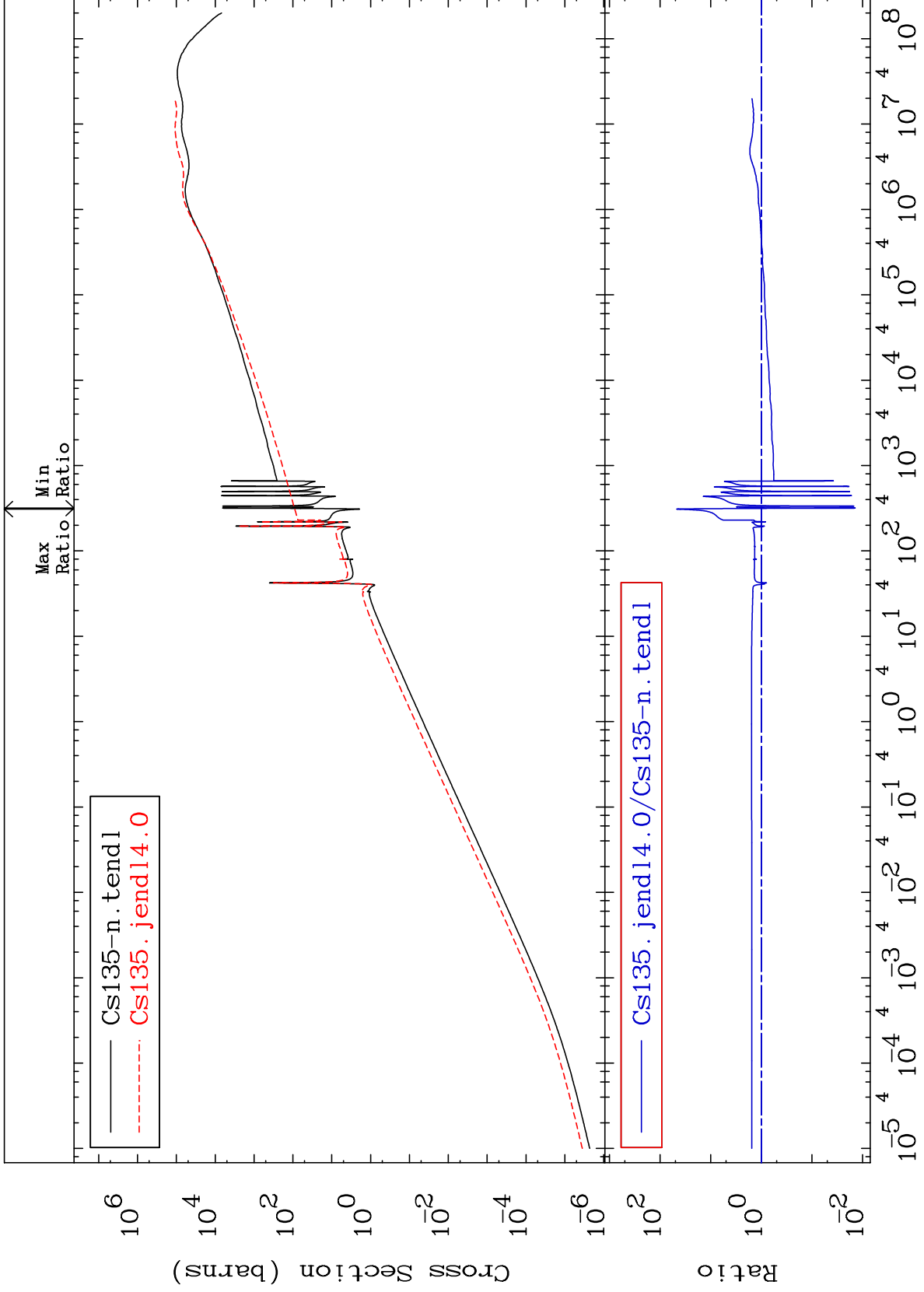




MAT 5531

Kerma elastic
Cross Section

55-Cs-135
-98.59 To 4561. %



Incident Energy (eV)

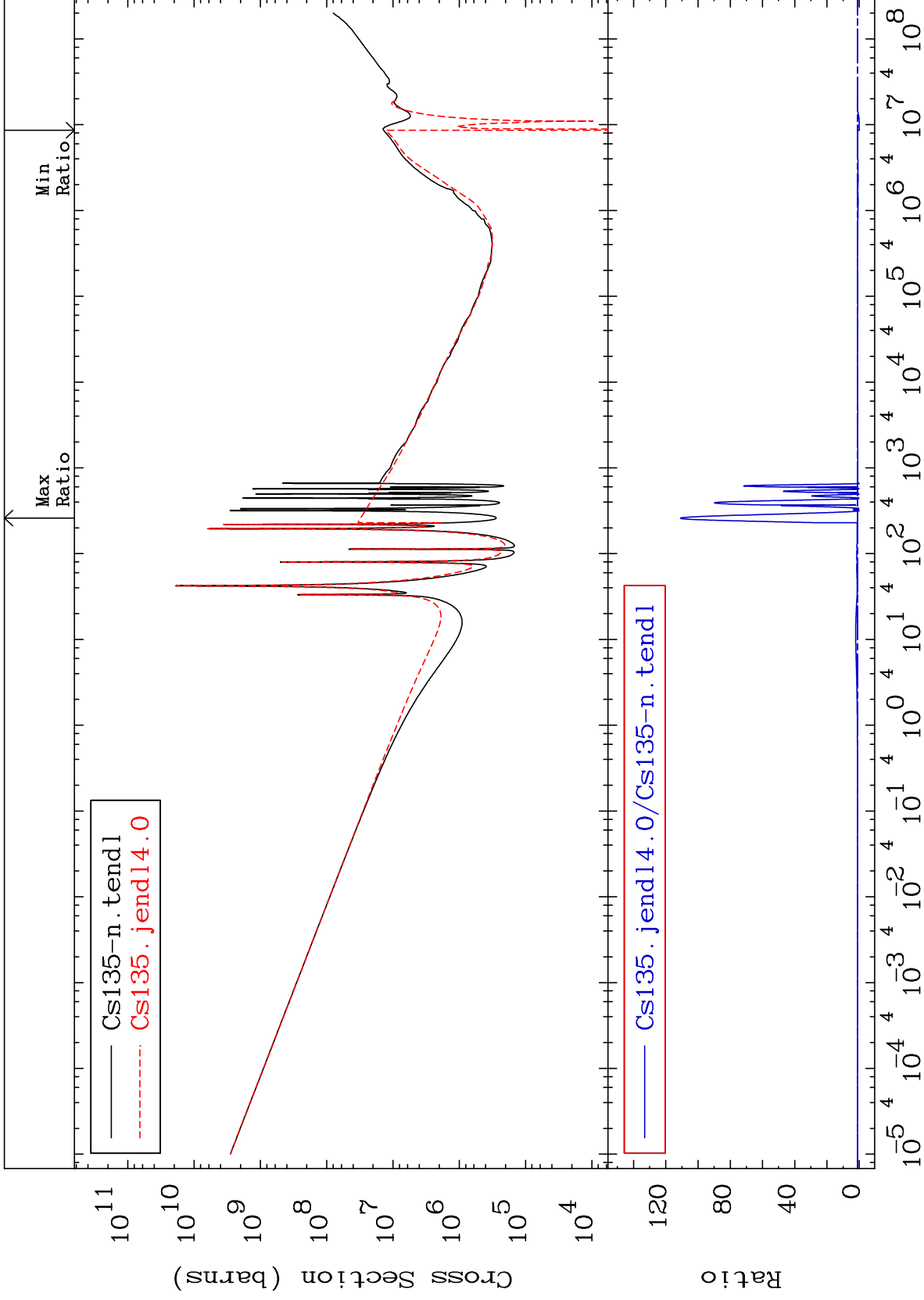
55-Cs-135

40

MAT 5531

Kerma non-elastic (all but mt2)
Cross Section

55-Cs-135
-112.1 To 9999. %



41

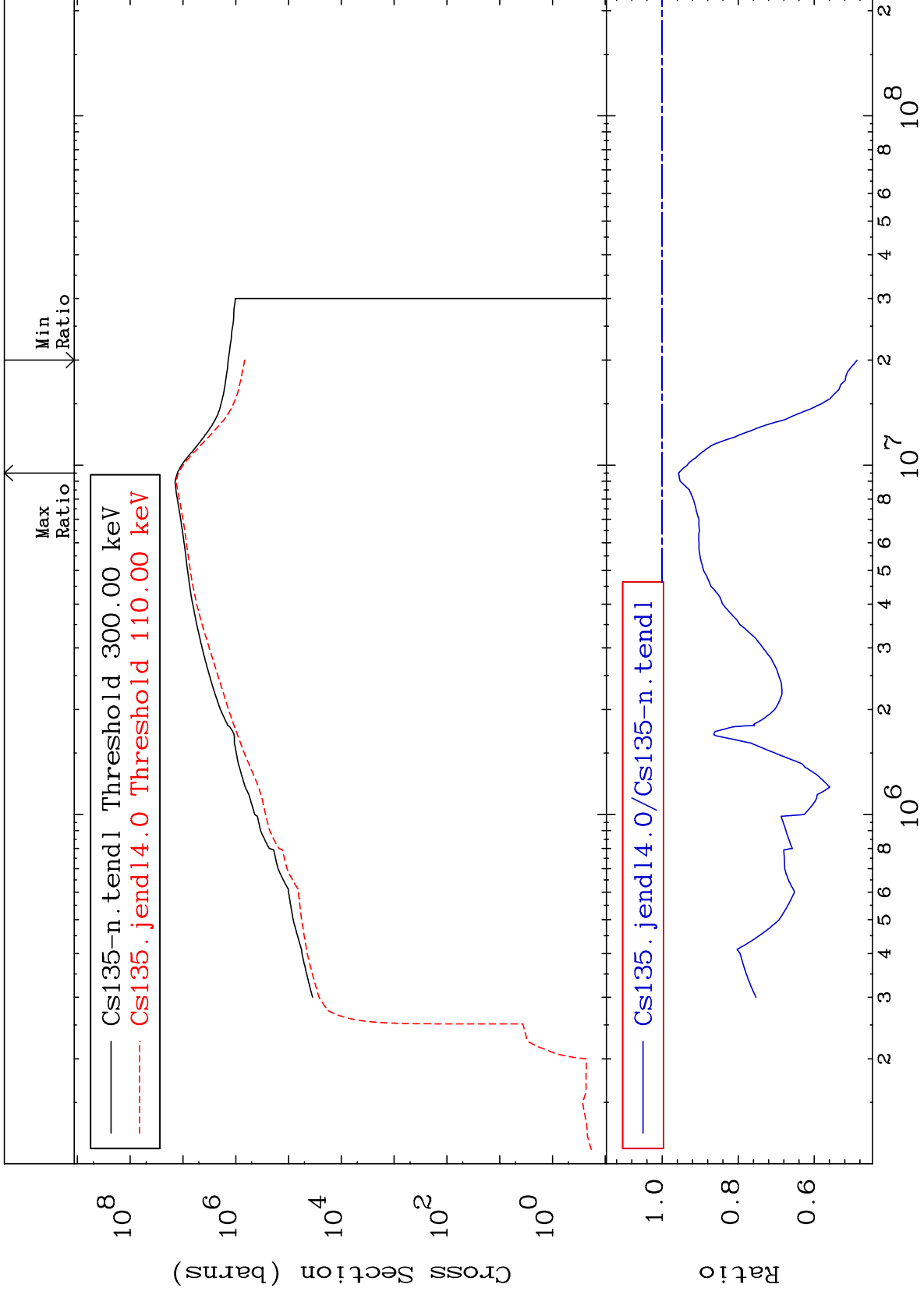
Incident Energy (eV)

55-Cs-135

MAT 5531

Kerma inelastic (mt51-91)
Cross Section

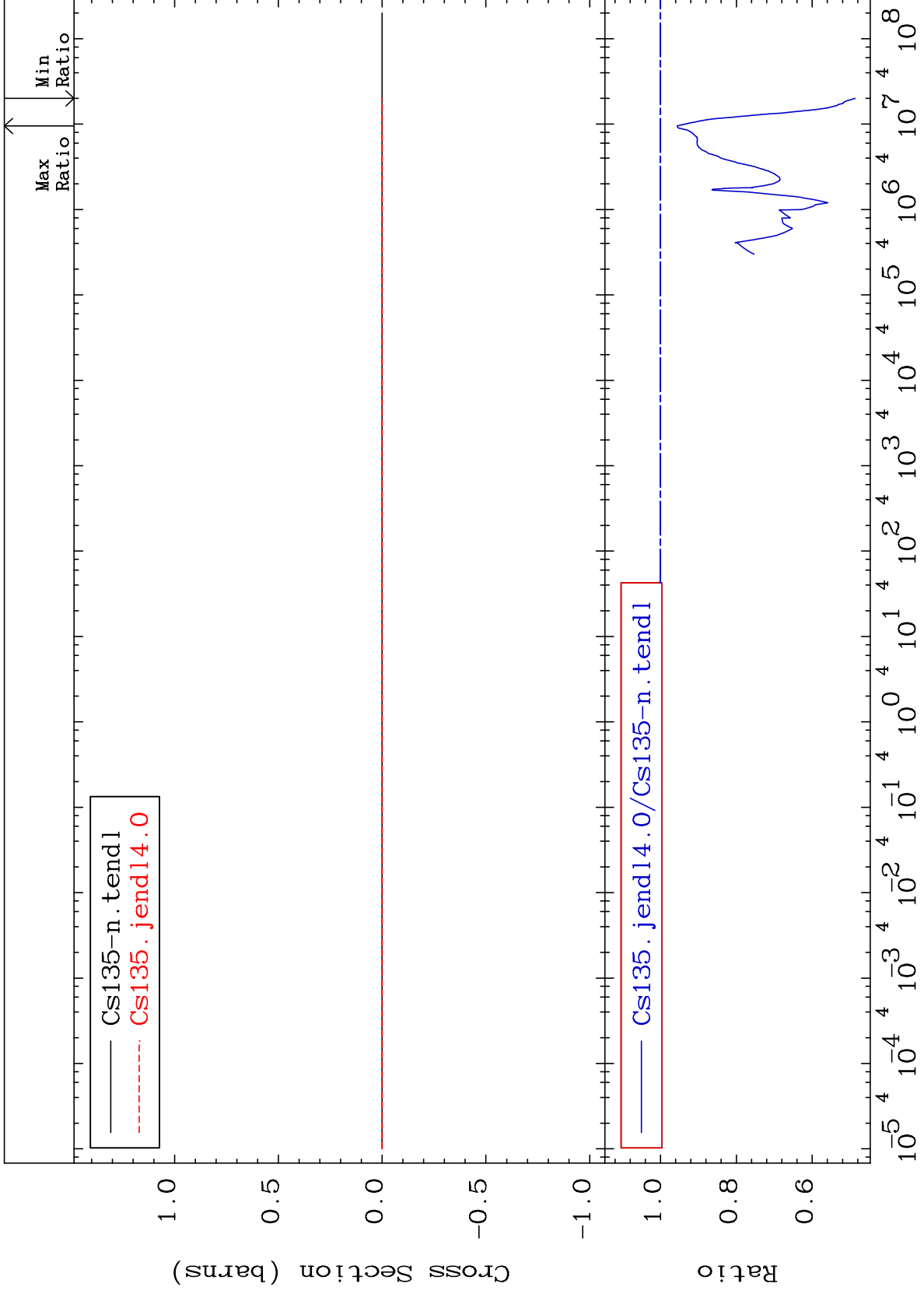
55-Cs-135
-51.31 To -4.335%



MAT 5531

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

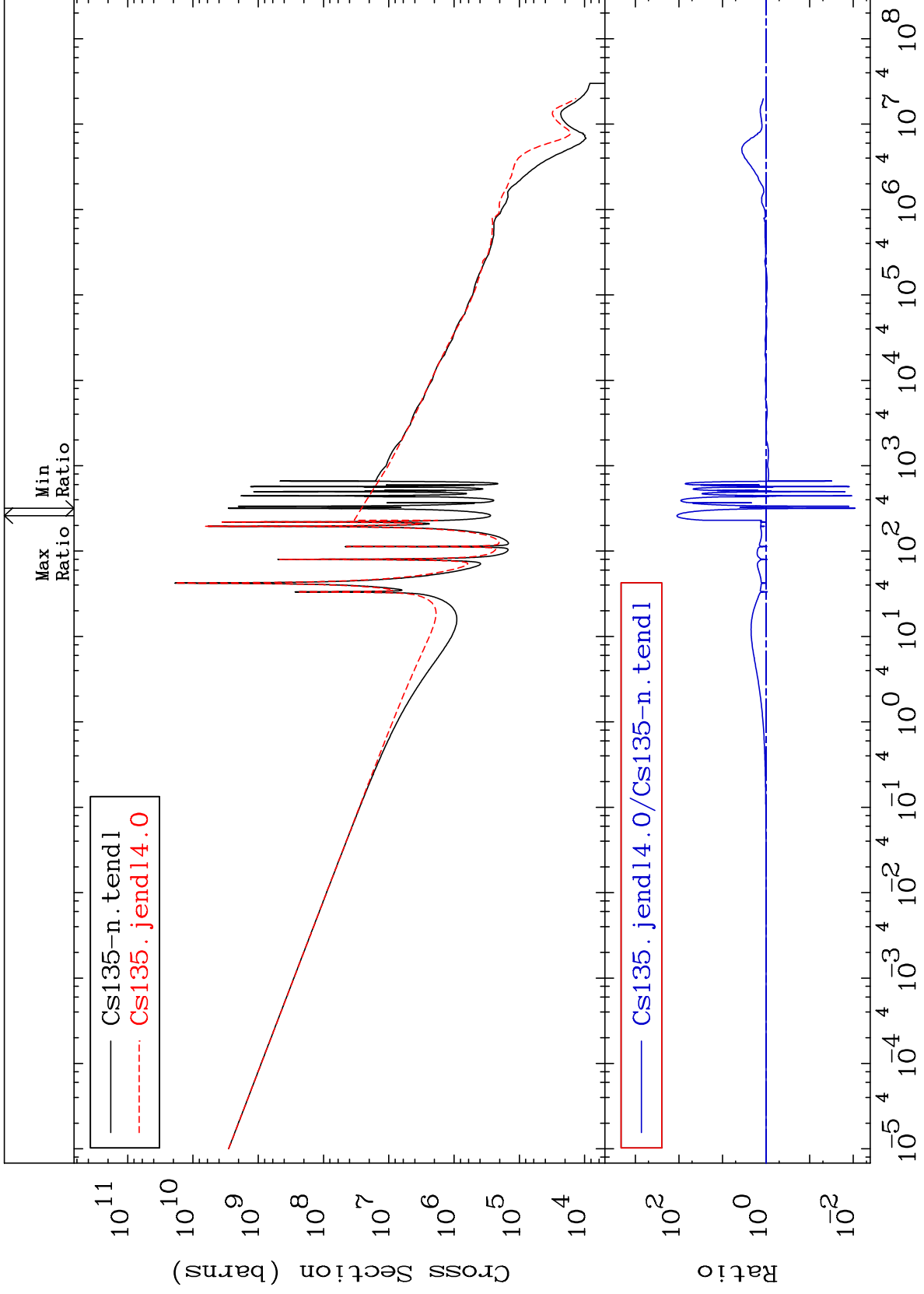
55-Cs-135
-51.31 To -4.335%



MAT 5531

Kerma capture (mt102)
Cross Section

55-Cs-135
-99.09 To 9999. %



44

Incident Energy (eV)

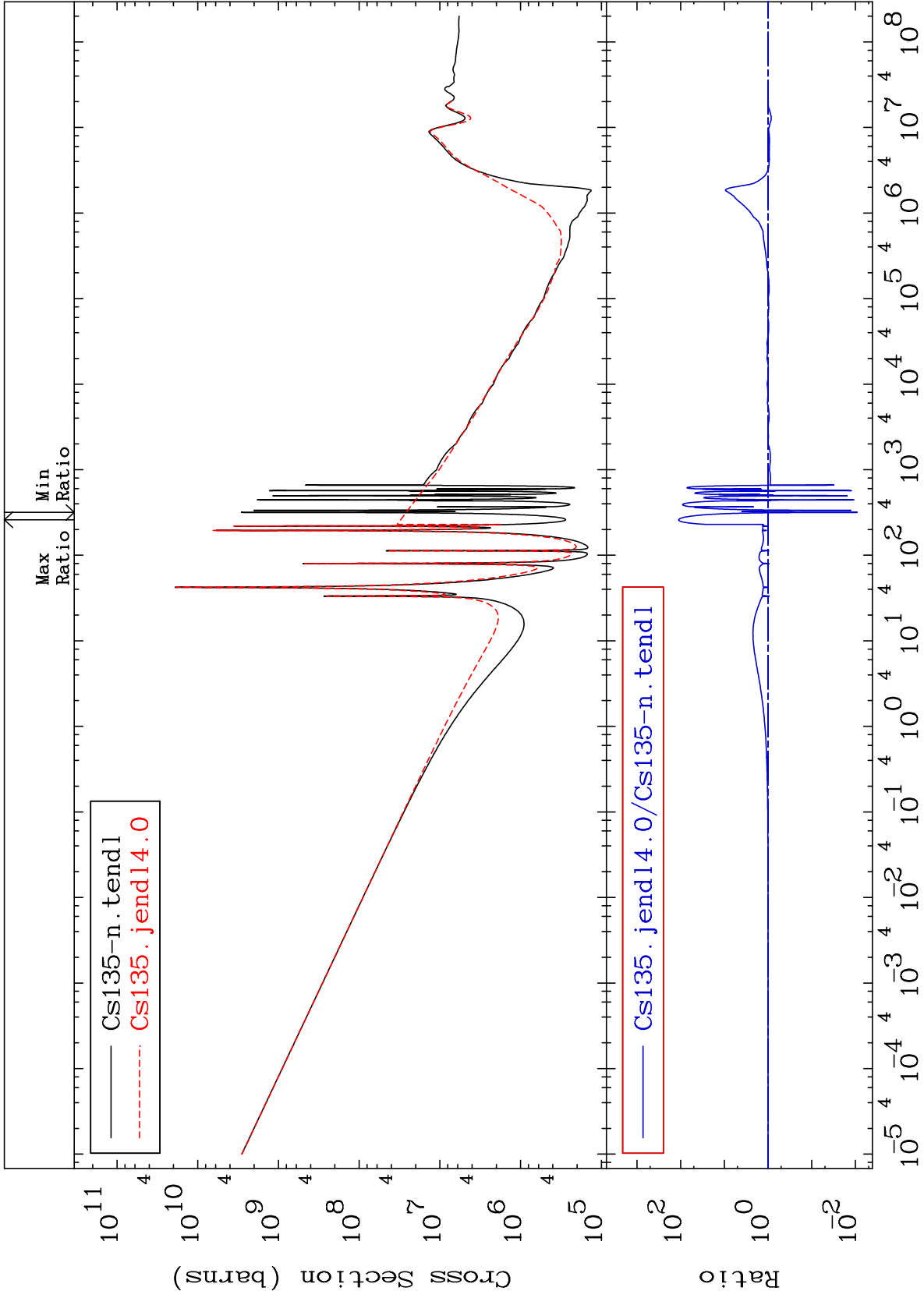
55-Cs-135

MAT 5531

Total photon (eV-barns)
Cross Section

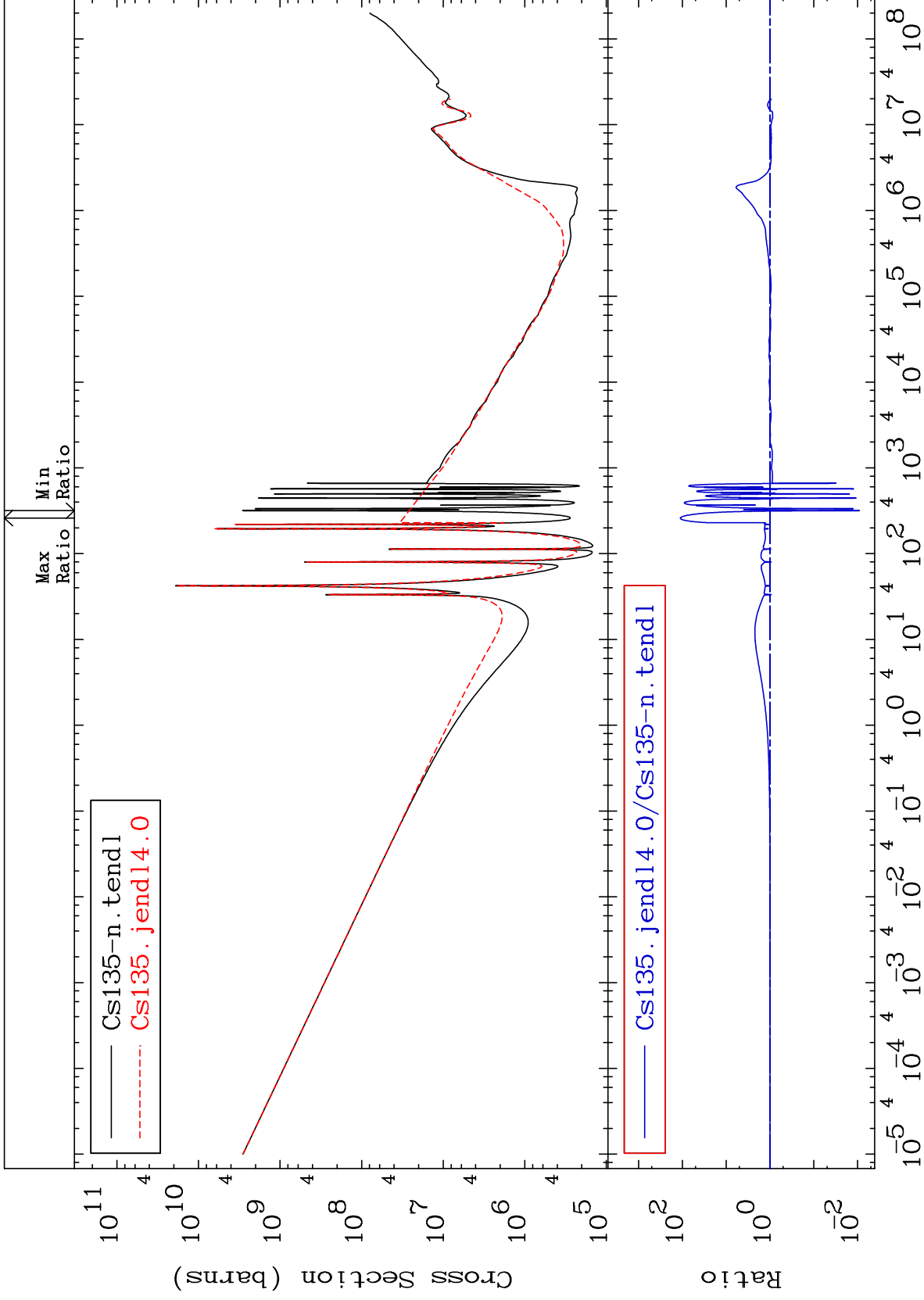
55-Cs-135

-99.09 To 9999. %



45

55-Cs-135

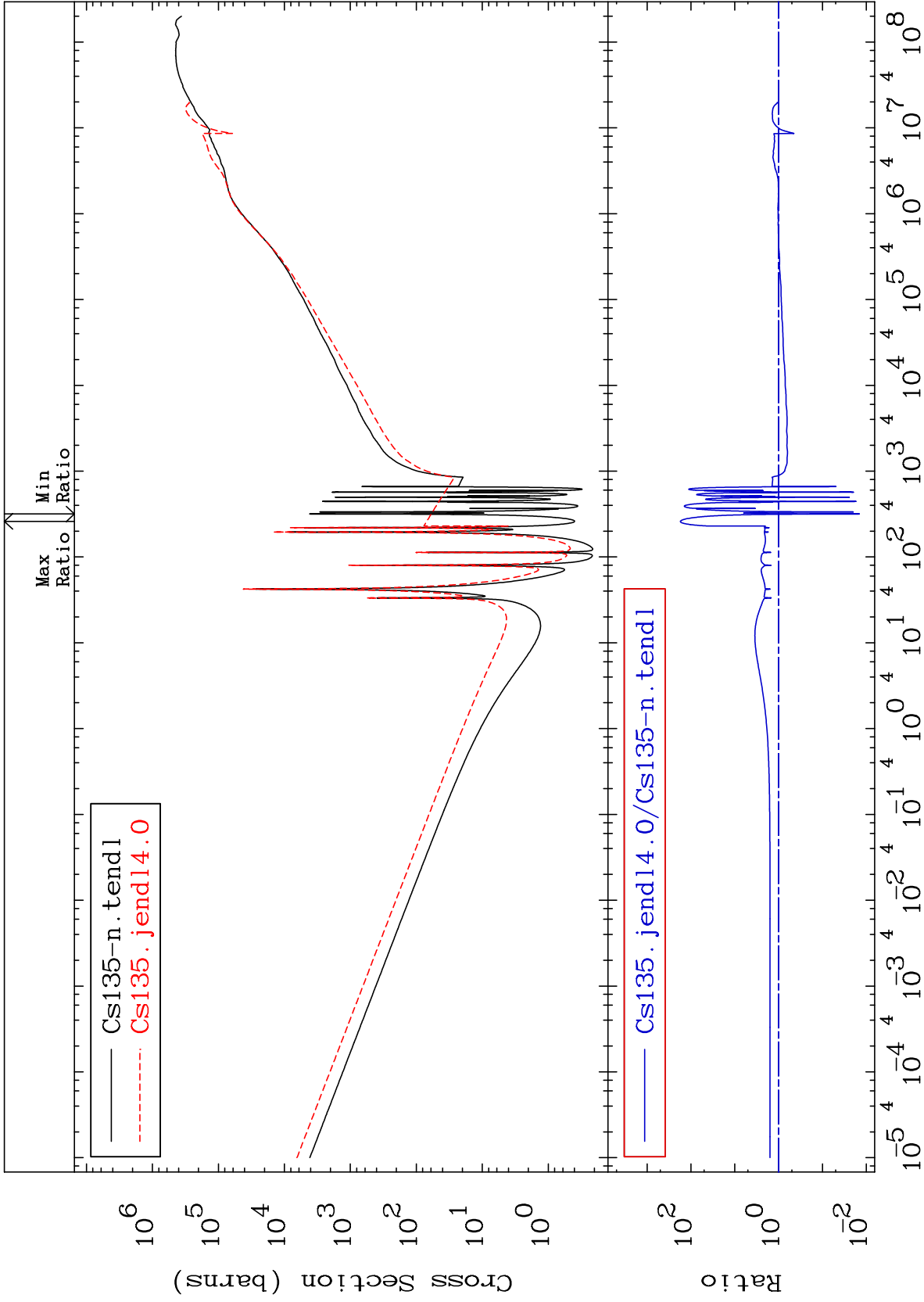


MAT 5531

Dpa total (eV-barns)

55-Cs-135

-98.57 To 9999. %



47

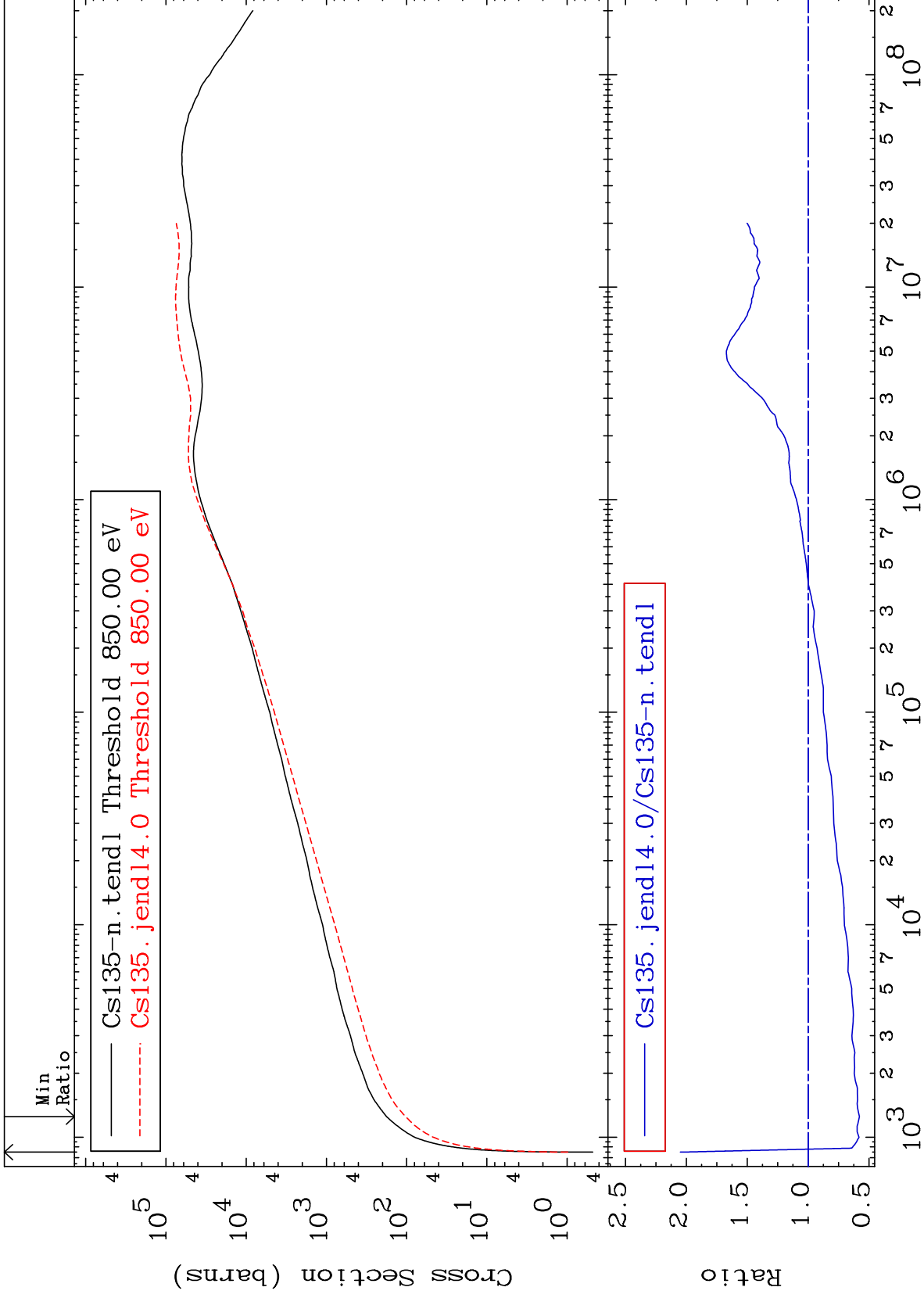
Incident Energy (eV)

55-Cs-135

MAT 5531

Dpa elastic (mt2)
Cross Section

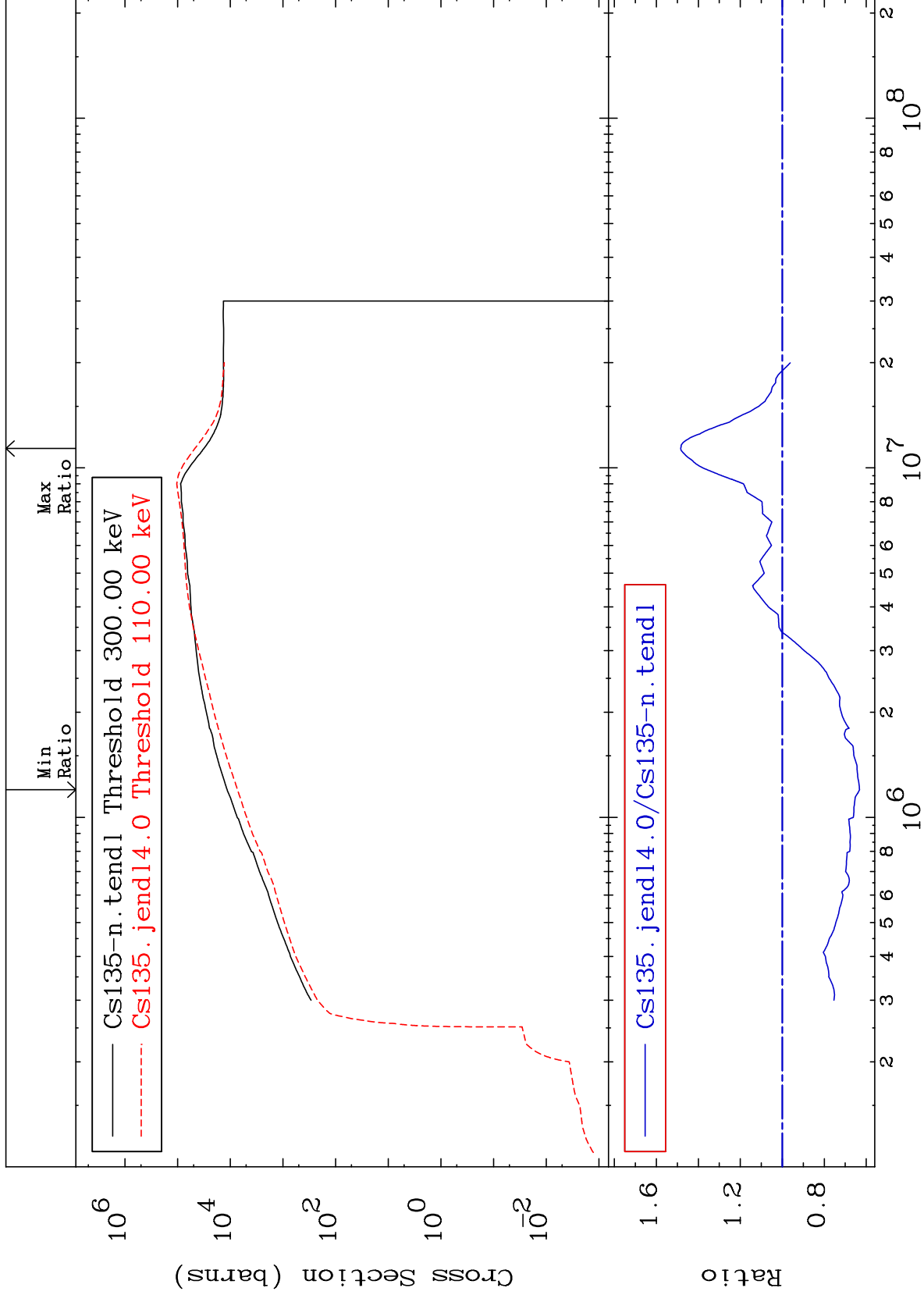
55-Cs-135
-42.08 To 105.0 %



48

Incident Energy (eV)

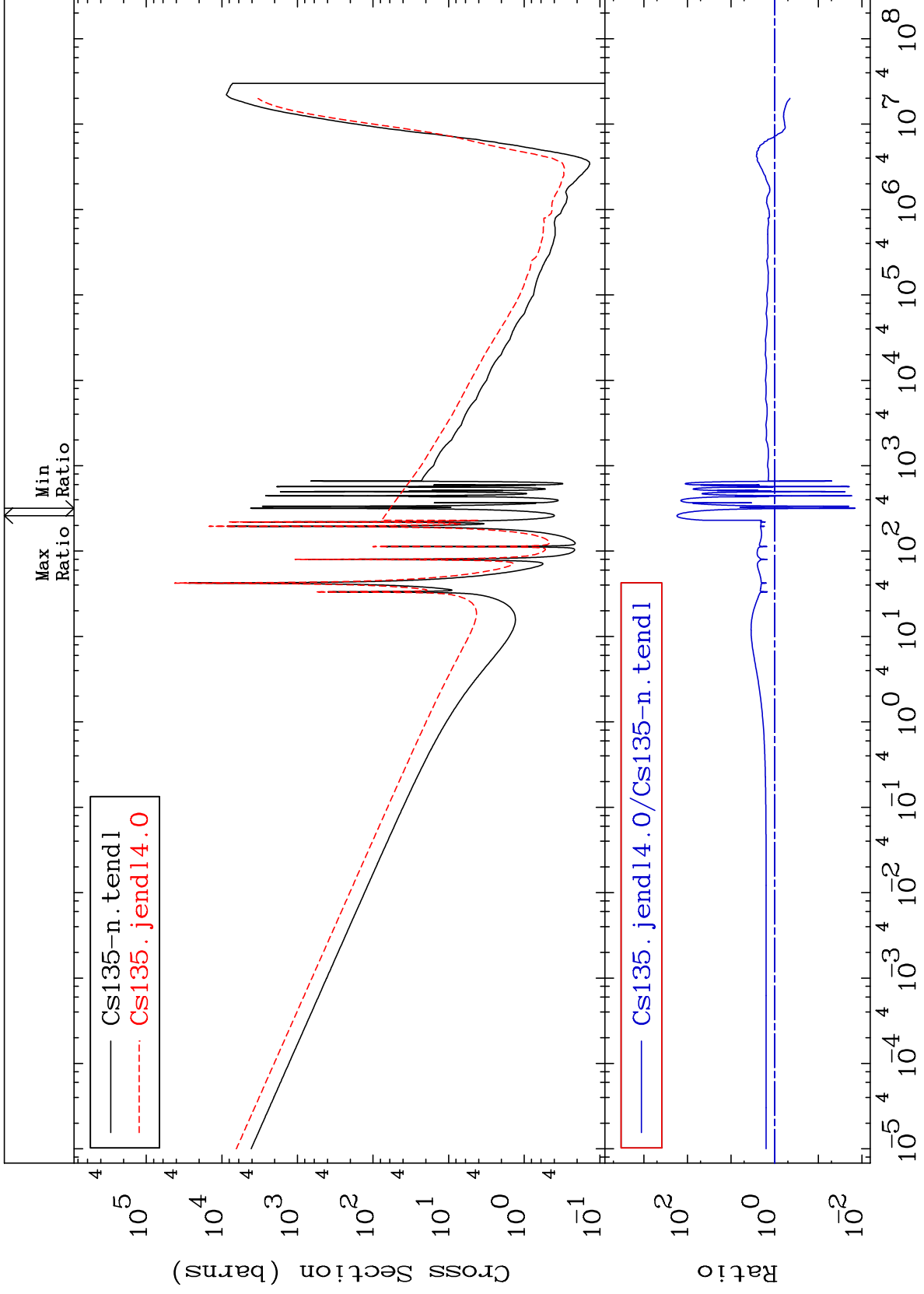
55-Cs-135



MAT 5531

Dpa disappearance (mt102 -120)
Cross Section

55-Cs-135
-98.57 To 9999. %



50

55-Cs-135