

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

MAT 5531

Total

55-Cs-135

-98.41 To 7310. %

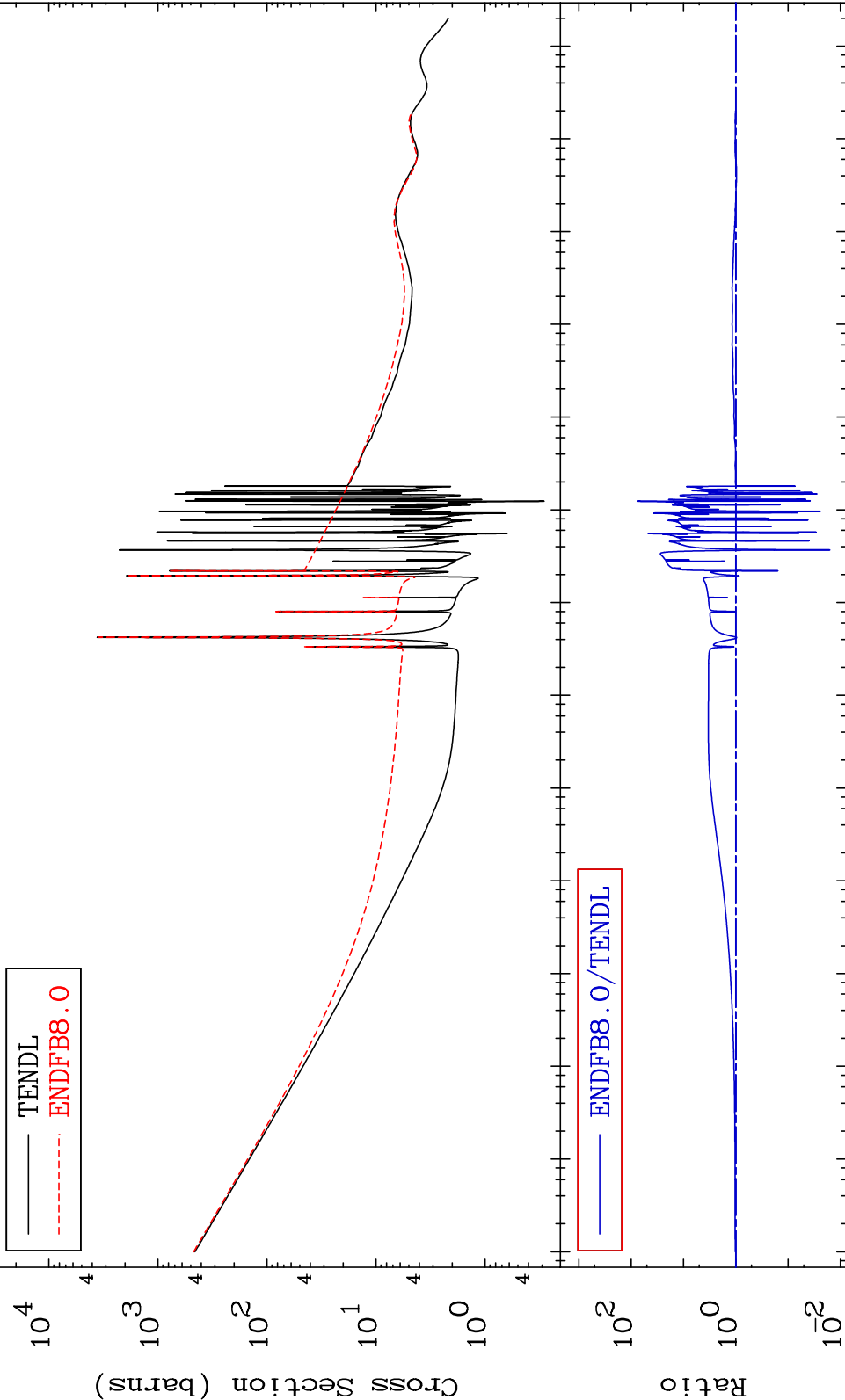
Cross Section

Min Ratio

Max Ratio

TENDL
ENDFB8.0

ENDFB8.0/TENDL



Incident Energy (eV)

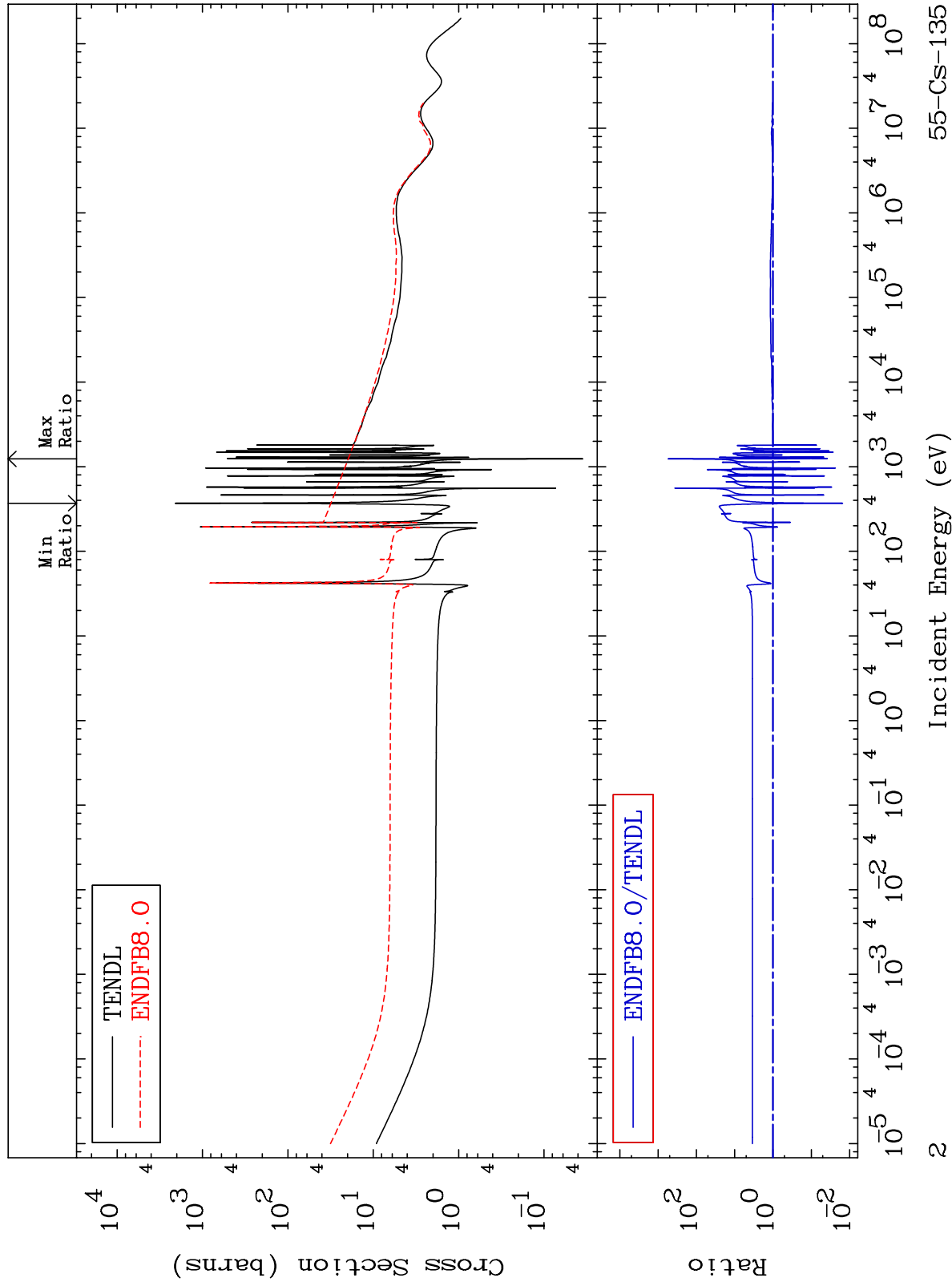
1

55-Cs-135

MAT 5531

Elastic
Cross Section

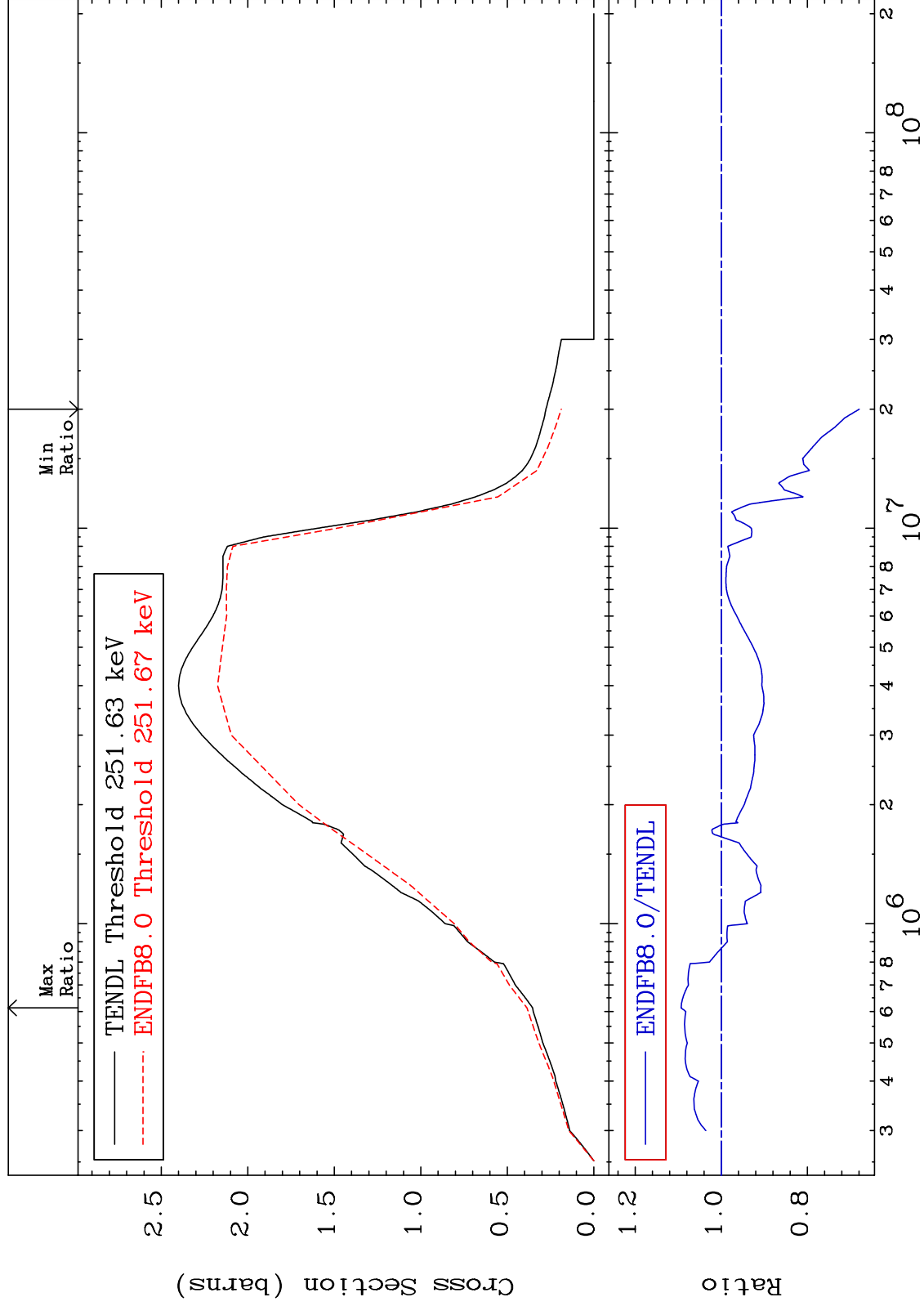
55-Cs-135
-98.50 To 9999. %



MAT 5531

Inelastic
Cross Section

55-Cs-135
-32.04 To 9.356 %



3

Incident Energy (eV)

55-Cs-135

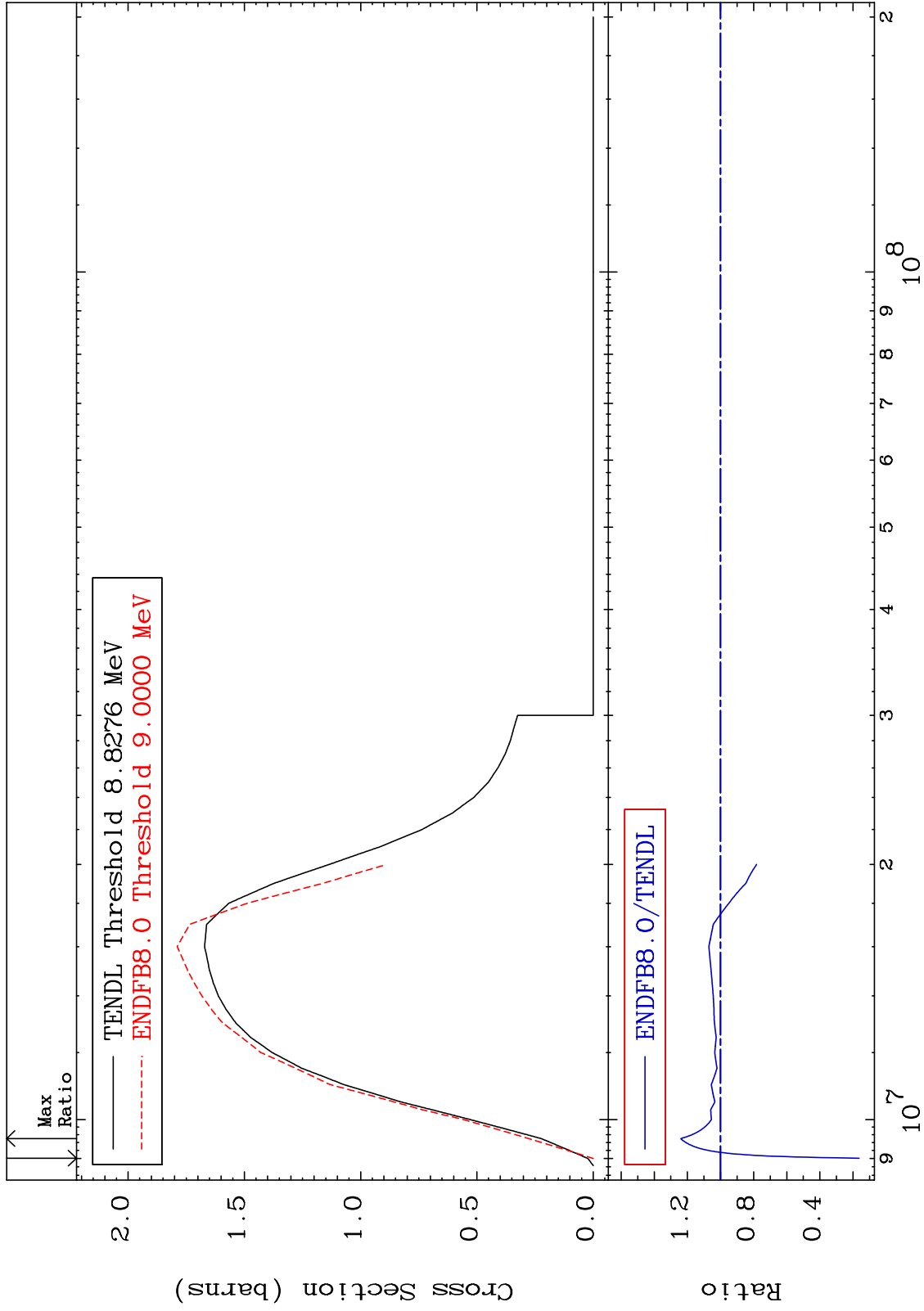
MAT 5531

(n,2n)

55-Cs-135

Cross Section

-83.72 To 24.08 %



4

Incident Energy (eV)

55-Cs-135

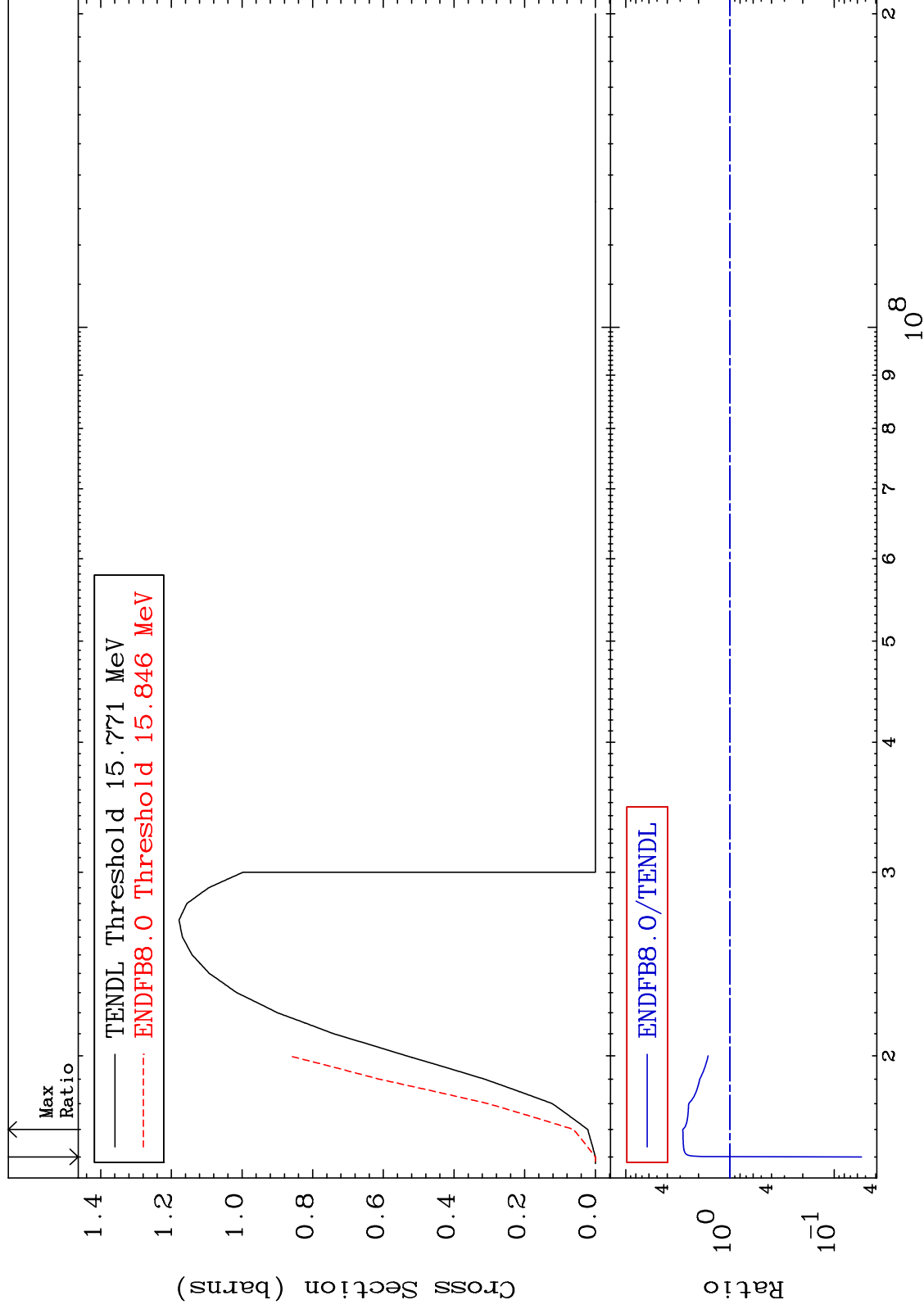
MAT 5531

(n, 3n)

55-Cs-135

Cross Section

-94.54 To 182.9 %



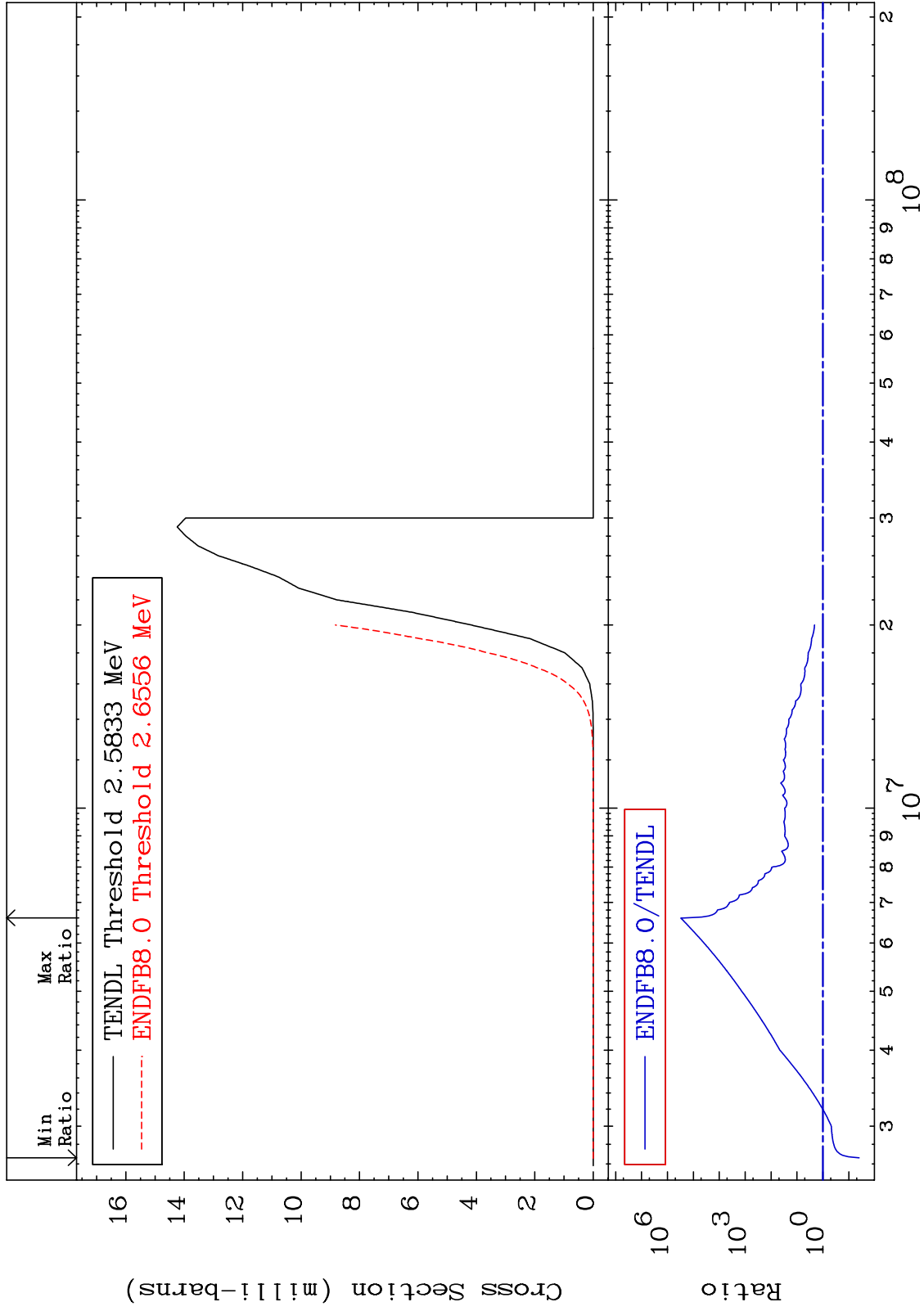
MAT 5531

(n,n') α

55-Cs-135

Cross Section

-96.01 To 9999. %



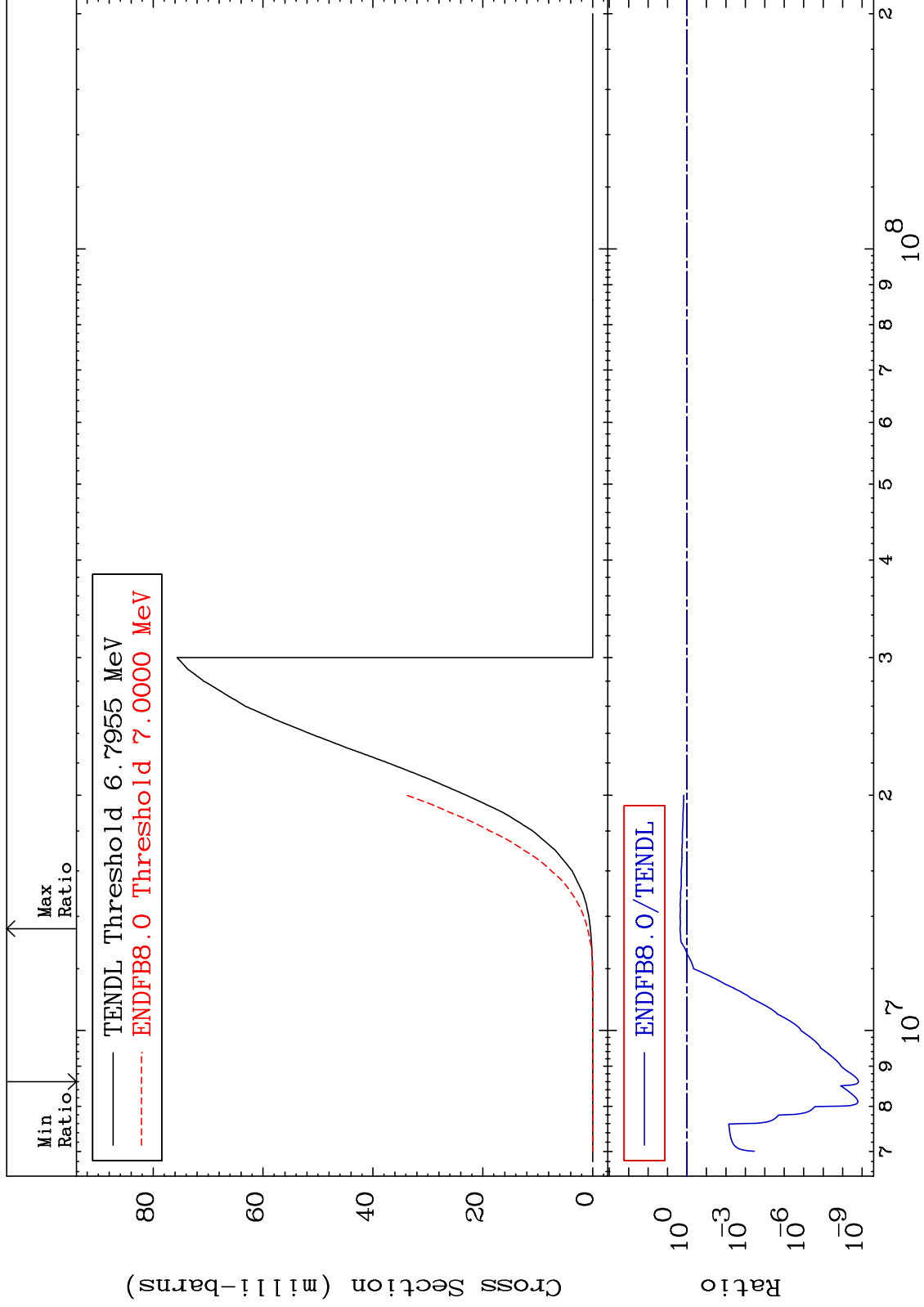
MAT 5531

(n,n') p

55-Cs-135

Cross Section

-100.0 To 128.1 %



7

Incident Energy (eV)

55-Cs-135

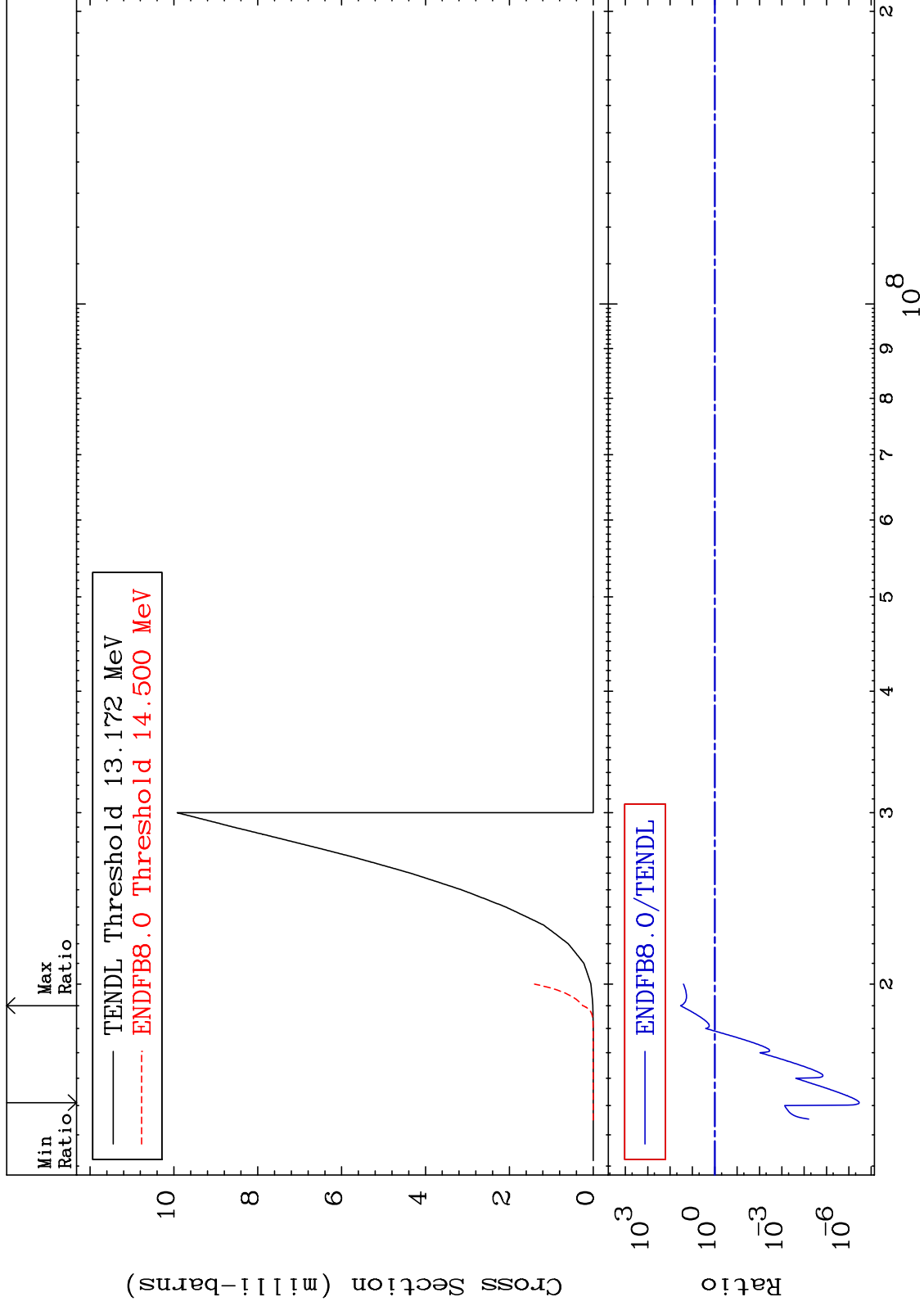
MAT 5531

(n,n') d

55-Cs-135

Cross Section

-100.0 To 3276. %



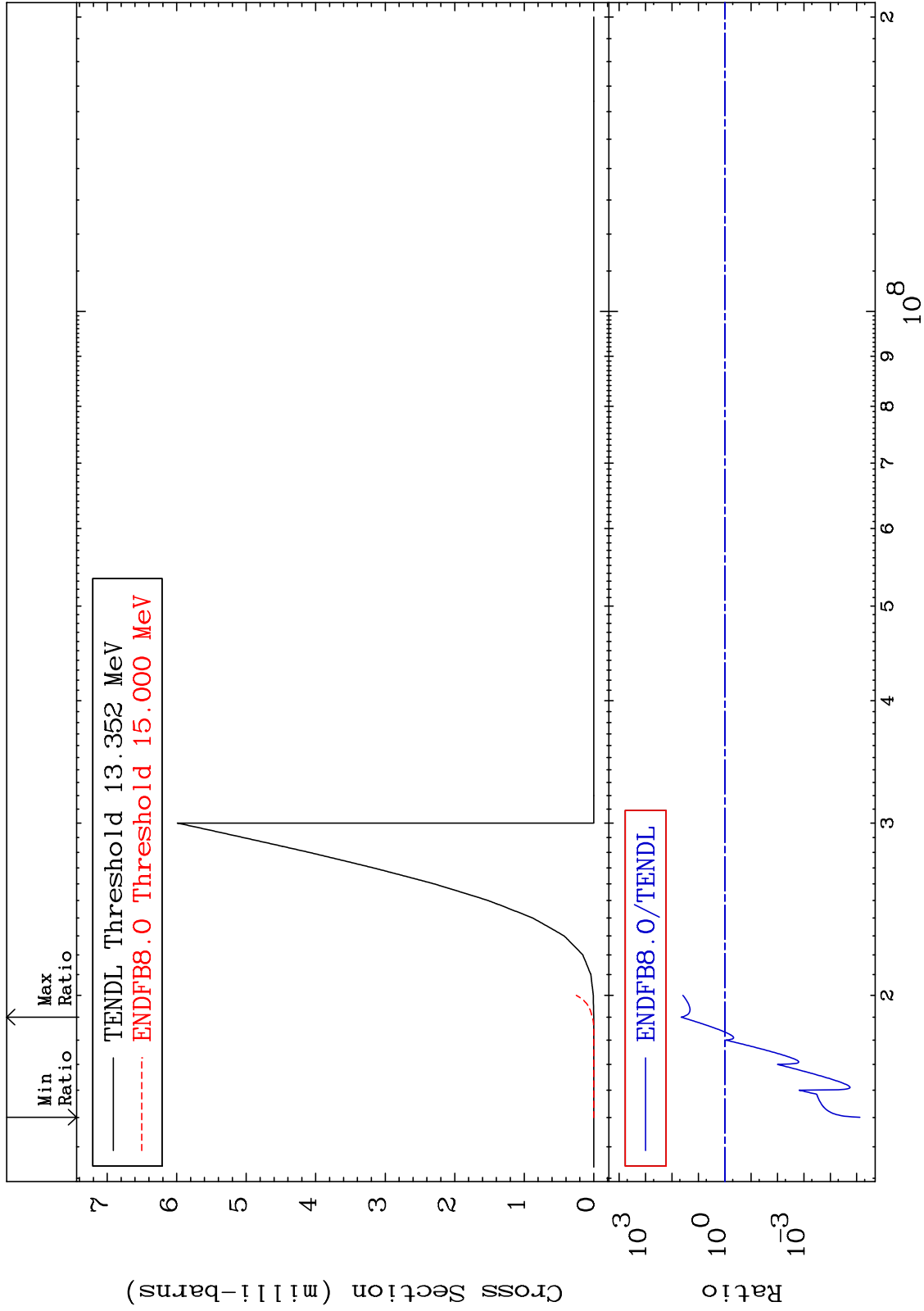
MAT 5531

(n,n') t

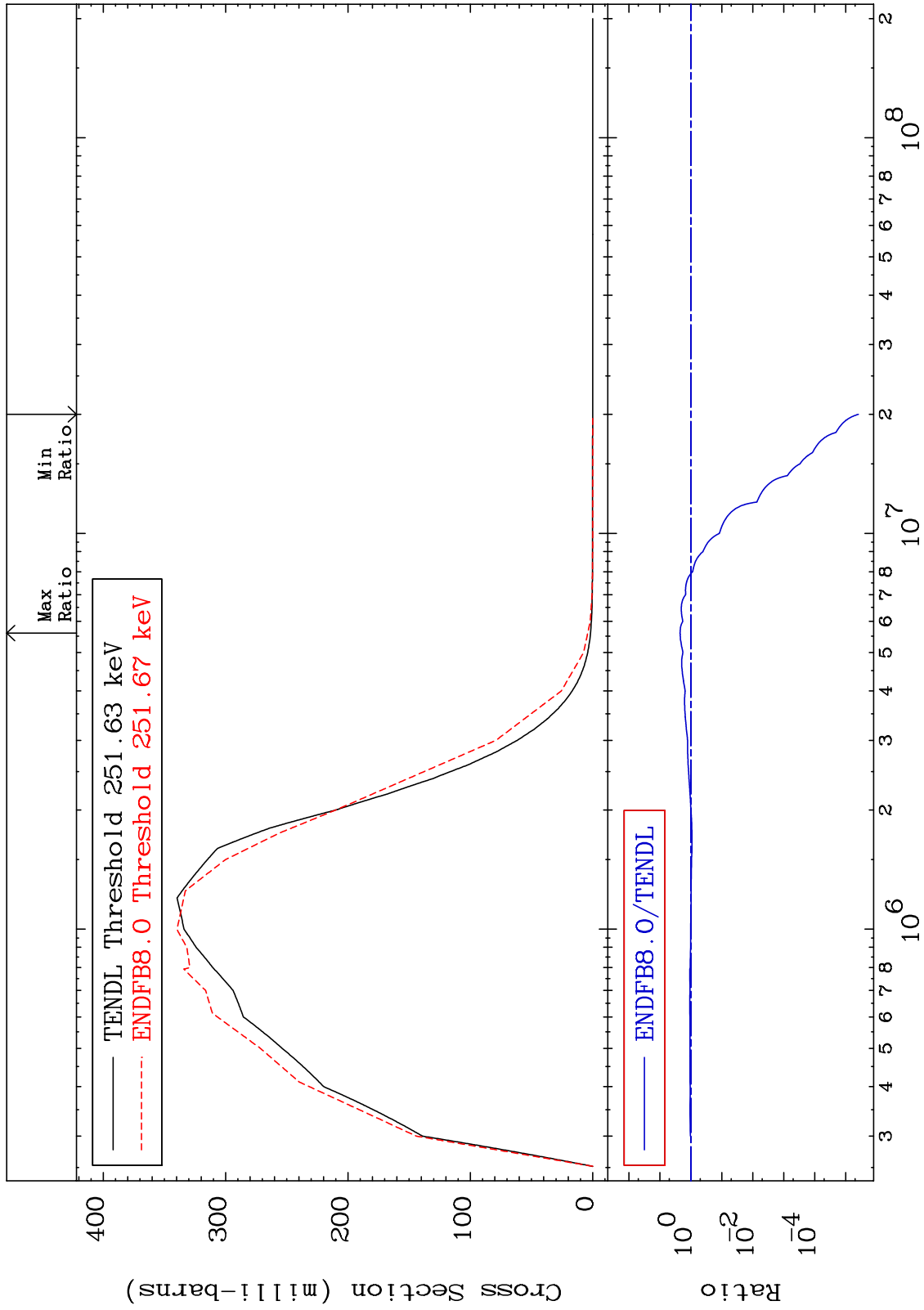
55-Cs-135

Cross Section

-100.0 To 4364. %



MAT 5531 MT= 51 (n,n') Level Cross Section 55-Cs-135 -100.0 To 124.4 %

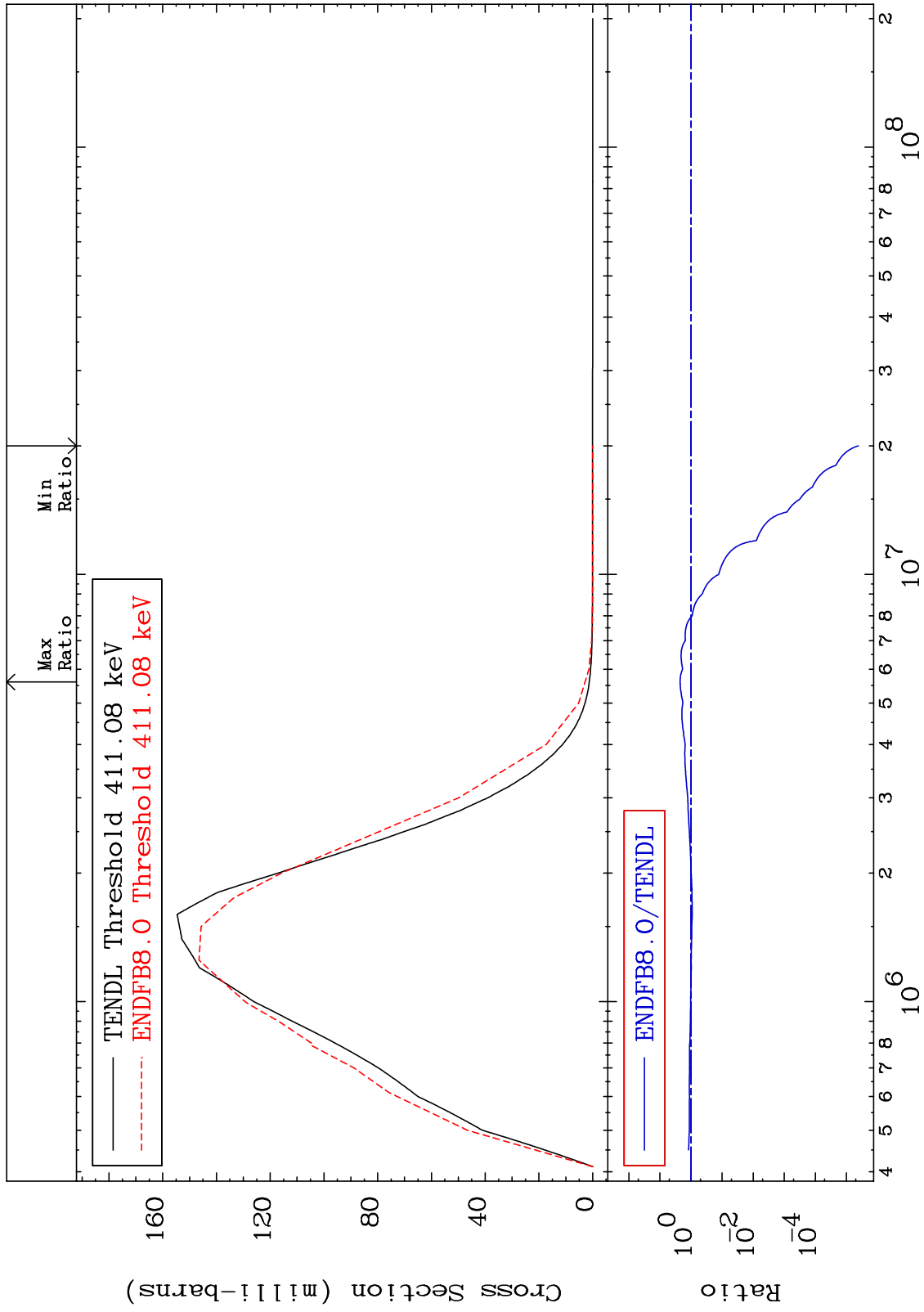


10 Incident Energy (eV) 55-Cs-135

MAT 5531

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

55-Cs-135
-100.0 To 125.6 %



11

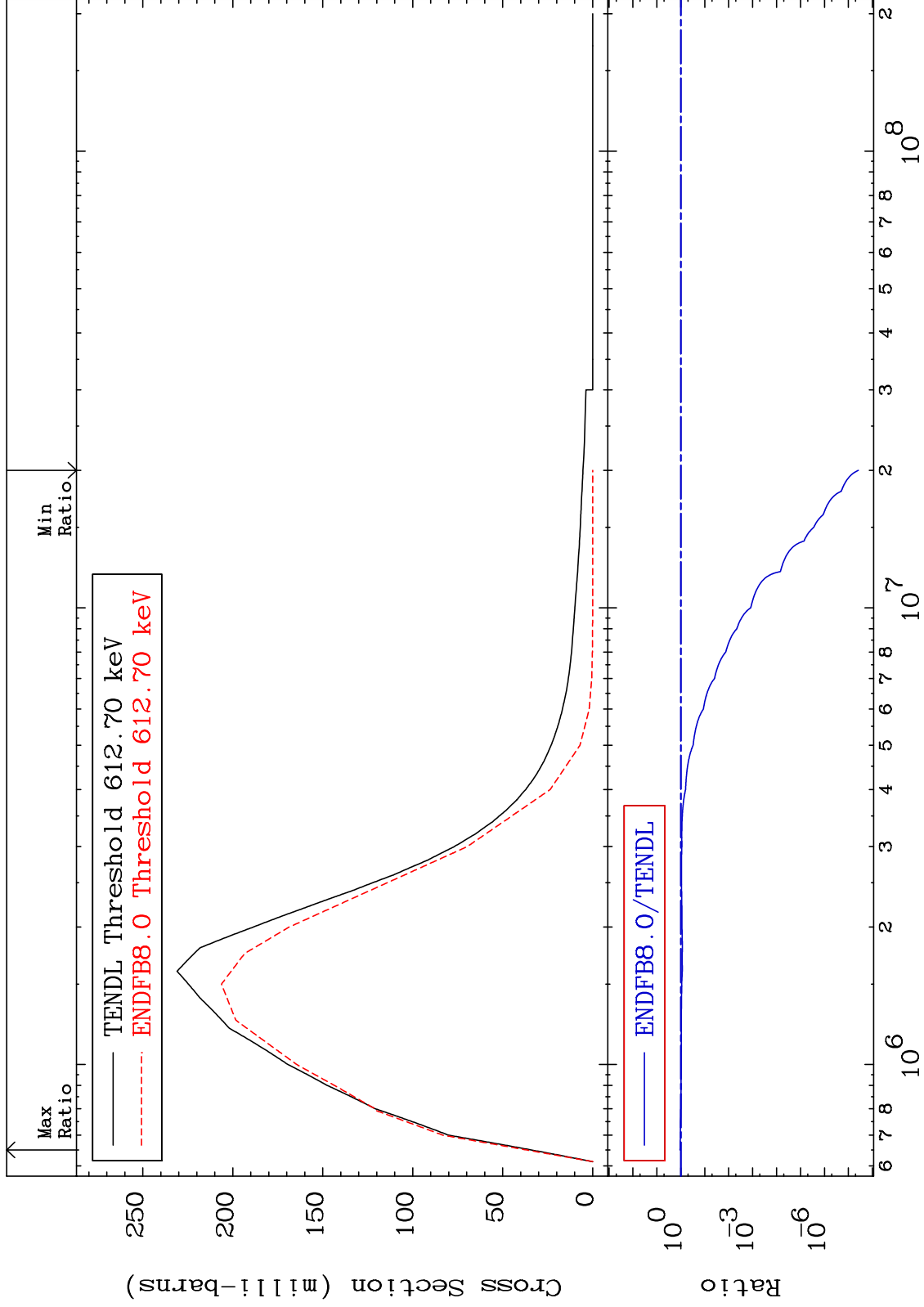
Incident Energy (eV)

55-Cs-135

MAT 5531

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

55-Cs-135
-100.0 To 7.796 %

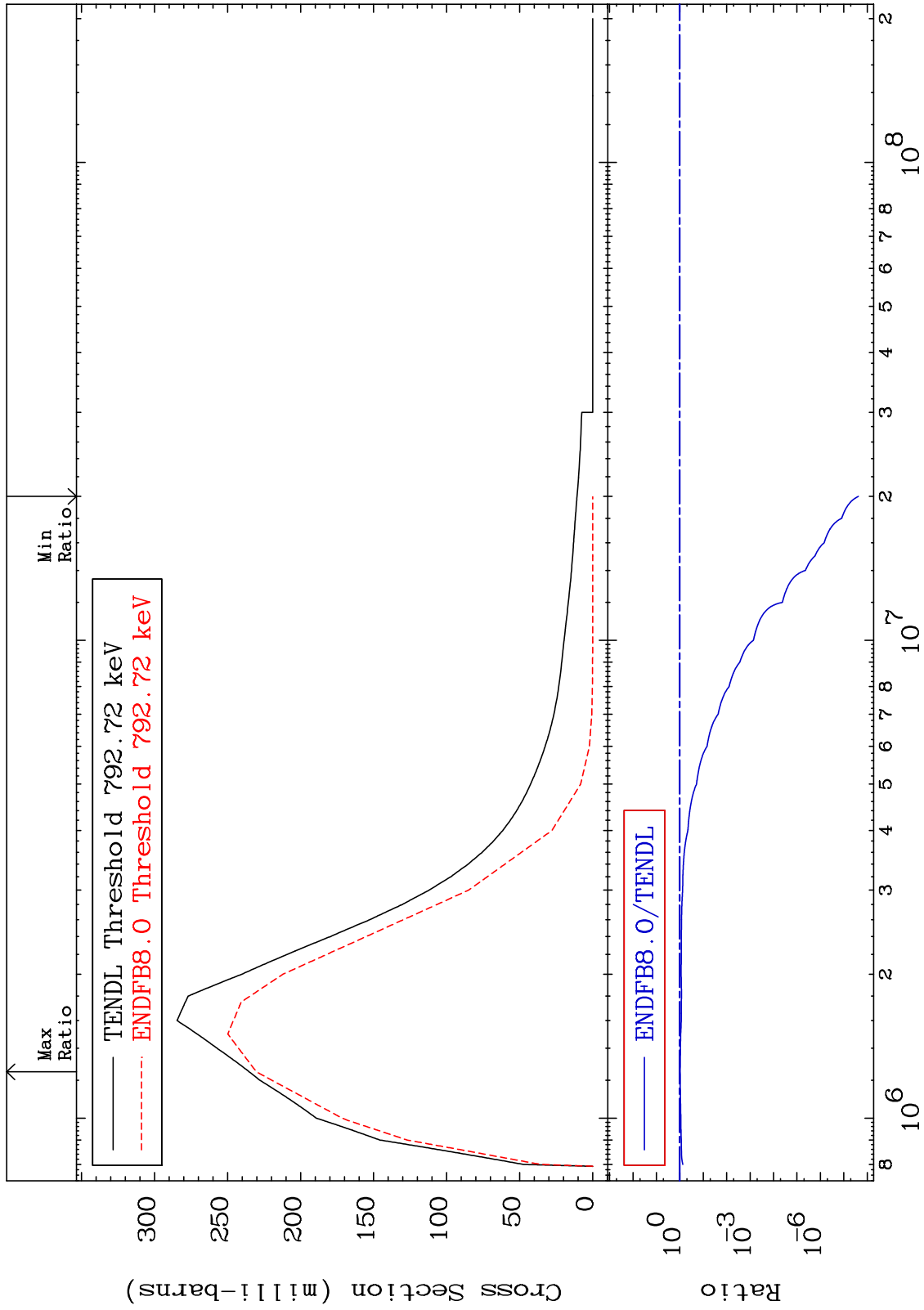


12

Incident Energy (eV)

55-Cs-135

MAT 5531 MT= 54 (n, n') Level Cross Section 55-Cs-135
 -100.0 To -2.066%

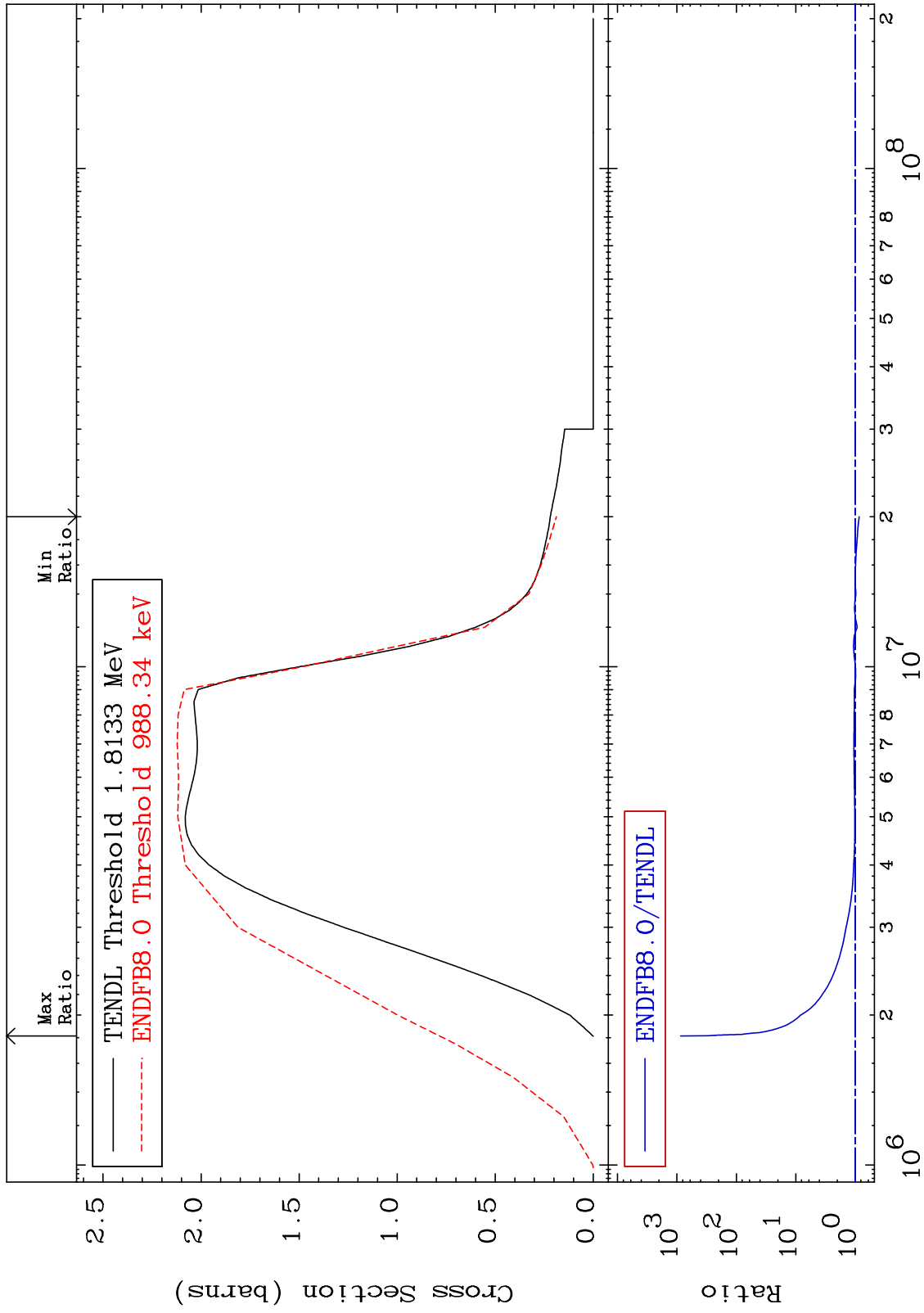


13 Incident Energy (eV) 55-Cs-135

MAT 5531

(n, n') Continuum
Cross Section

55-Cs-135
-14.22 To 9999. %



55-Cs-135

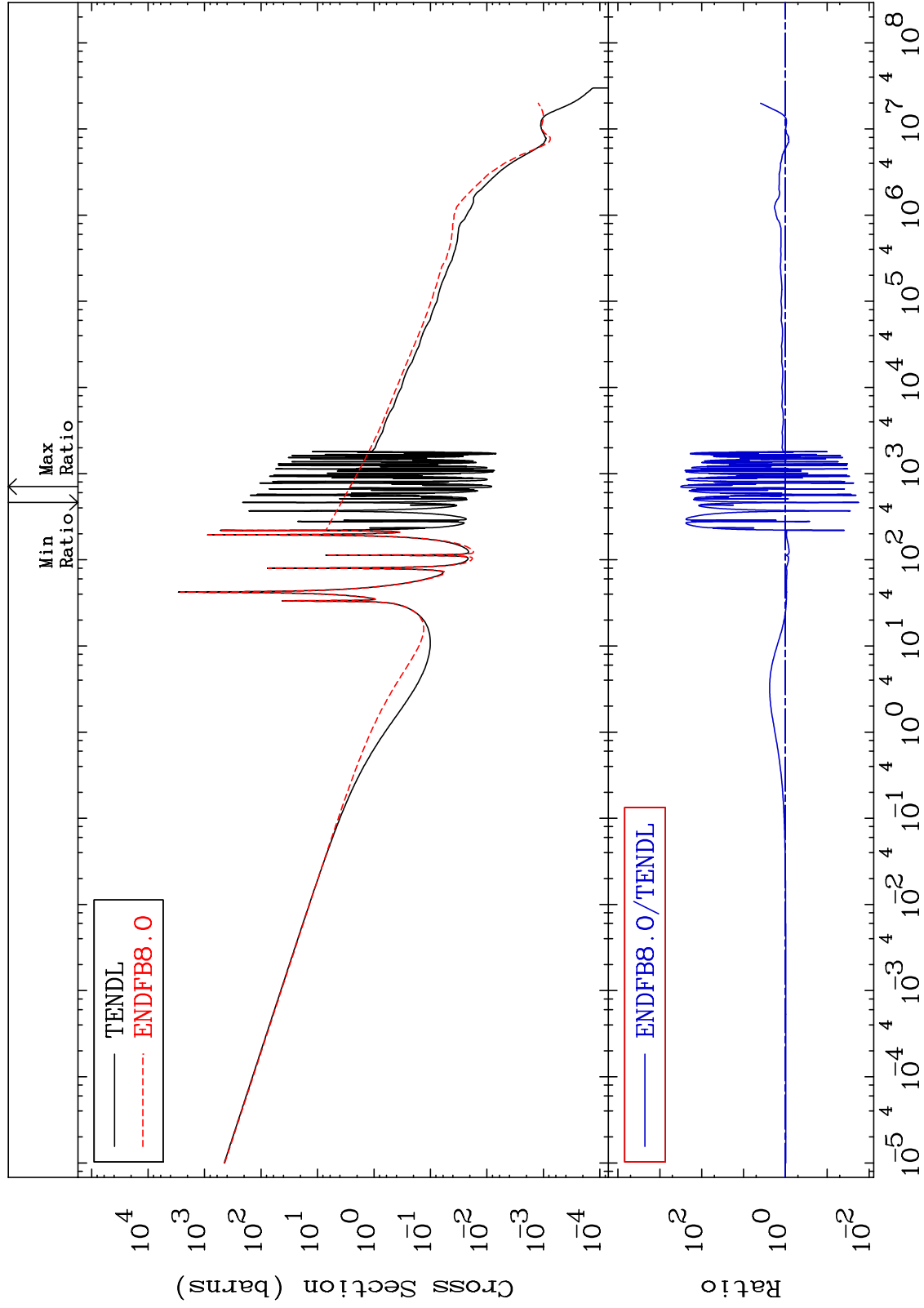
Incident Energy (eV)

14

MAT 5531

(n, γ)
Cross Section

55-Cs-135
-98.21 To 9999. %



15

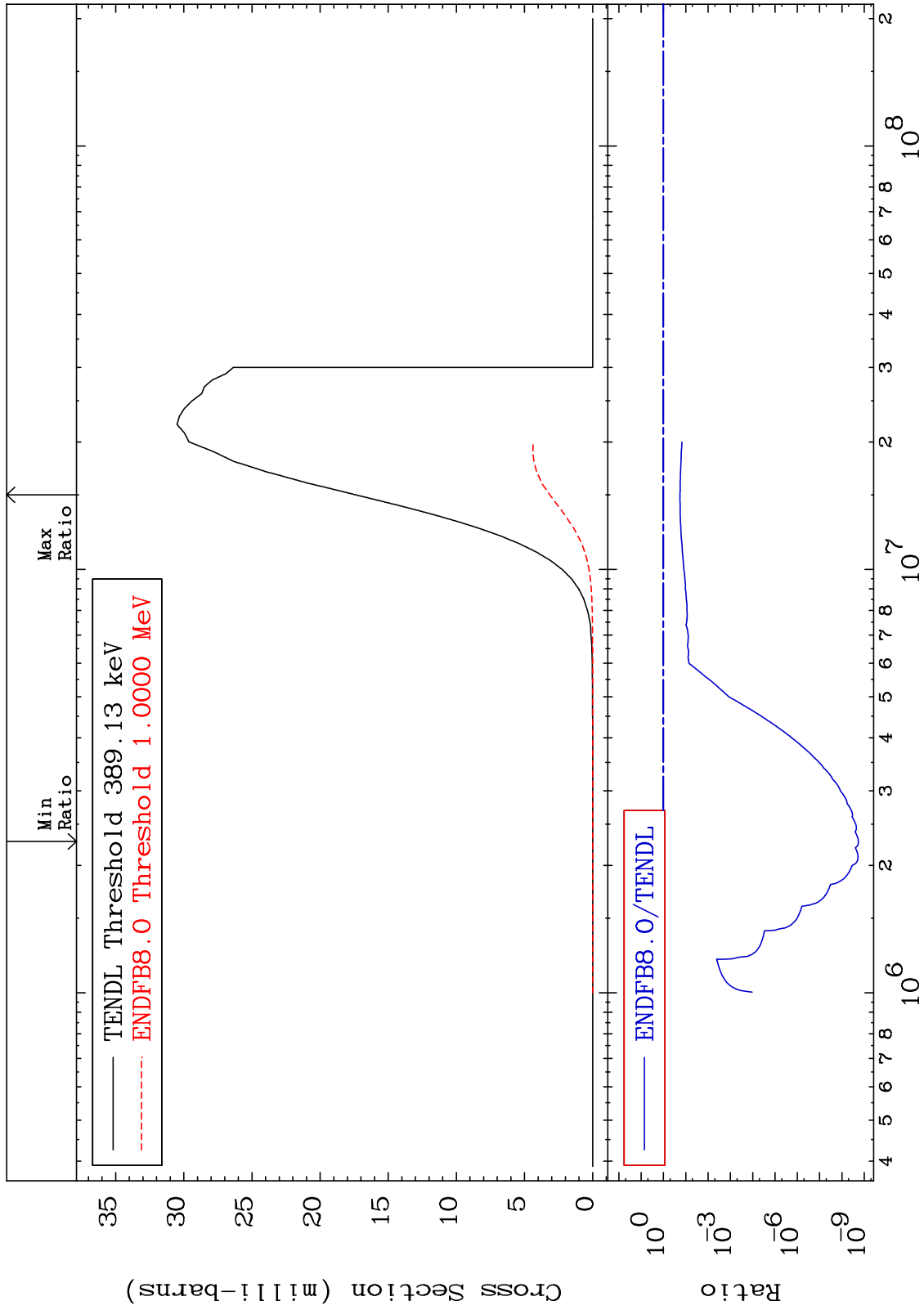
Incident Energy (eV)

55-Cs-135

MAT 5531

(n,p)
Cross Section

55-Cs-135
-100.0 To -81.89%



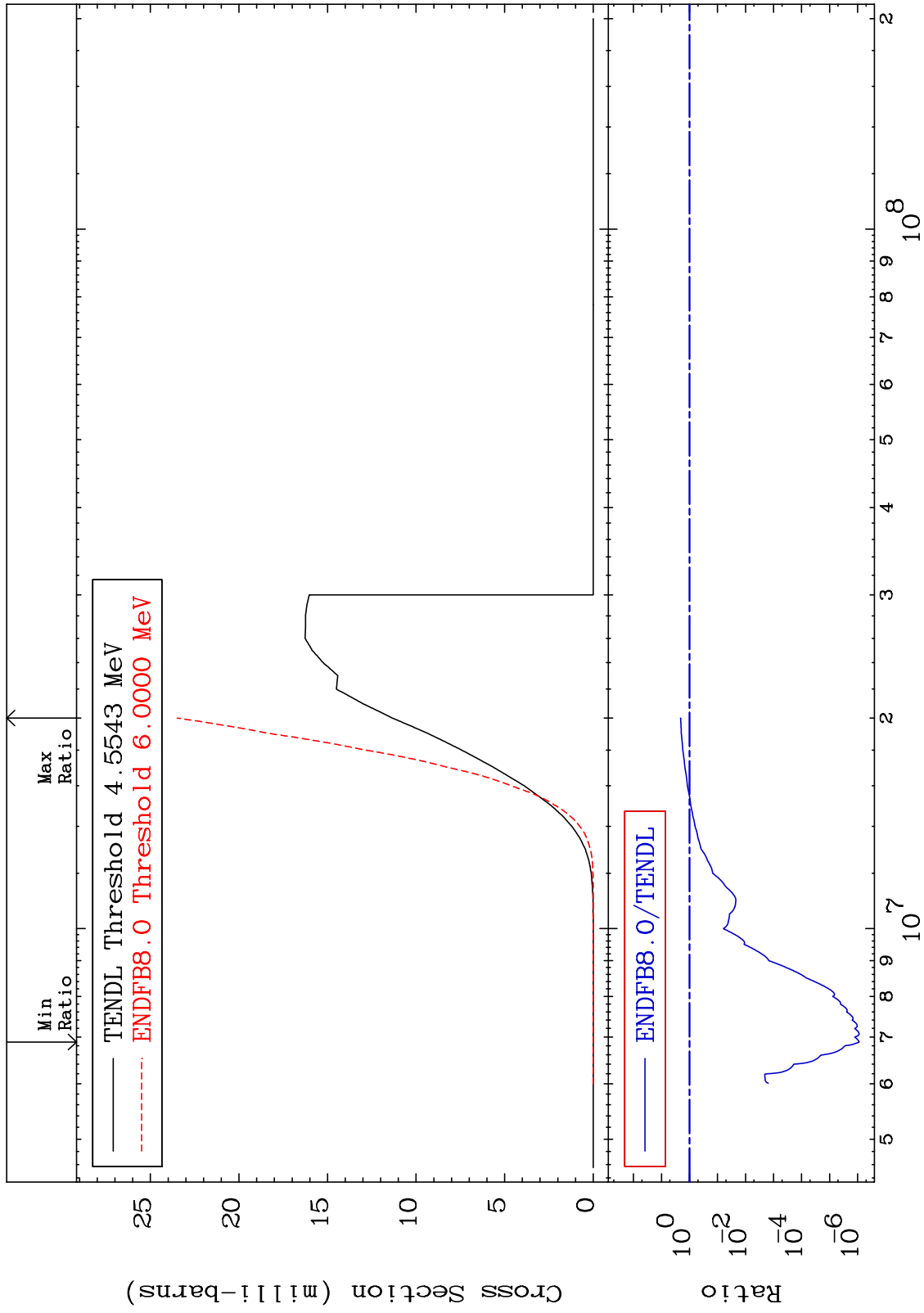
MAT 5531

(n, d)

55-Cs-135

Cross Section

-100.0 To 107.0 %



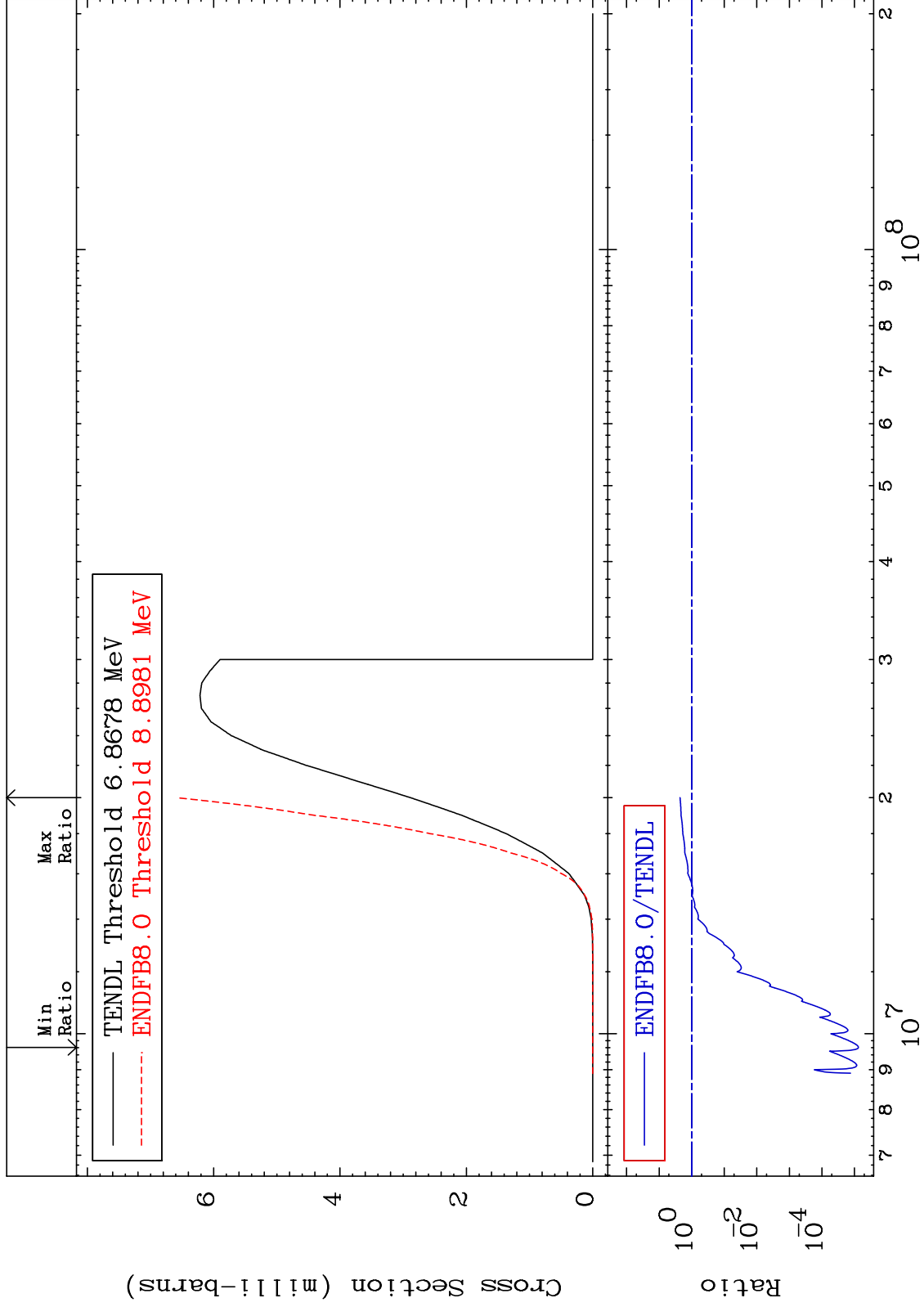
MAT 5531

(n, t)

55-Cs-135

Cross Section

-100.0 To 128.2 %



18

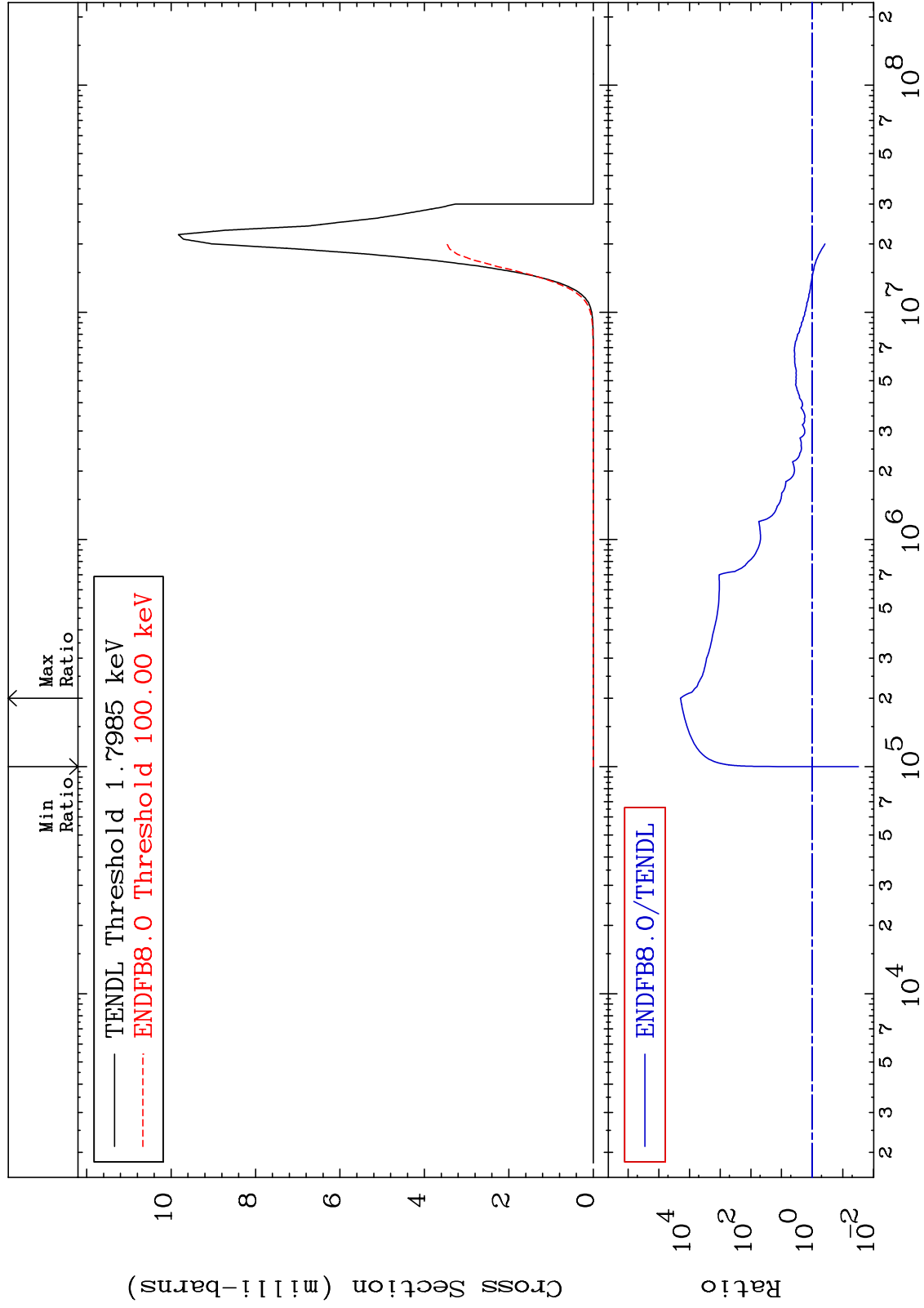
Incident Energy (eV)

55-Cs-135

MAT 5531

55-Cs-135

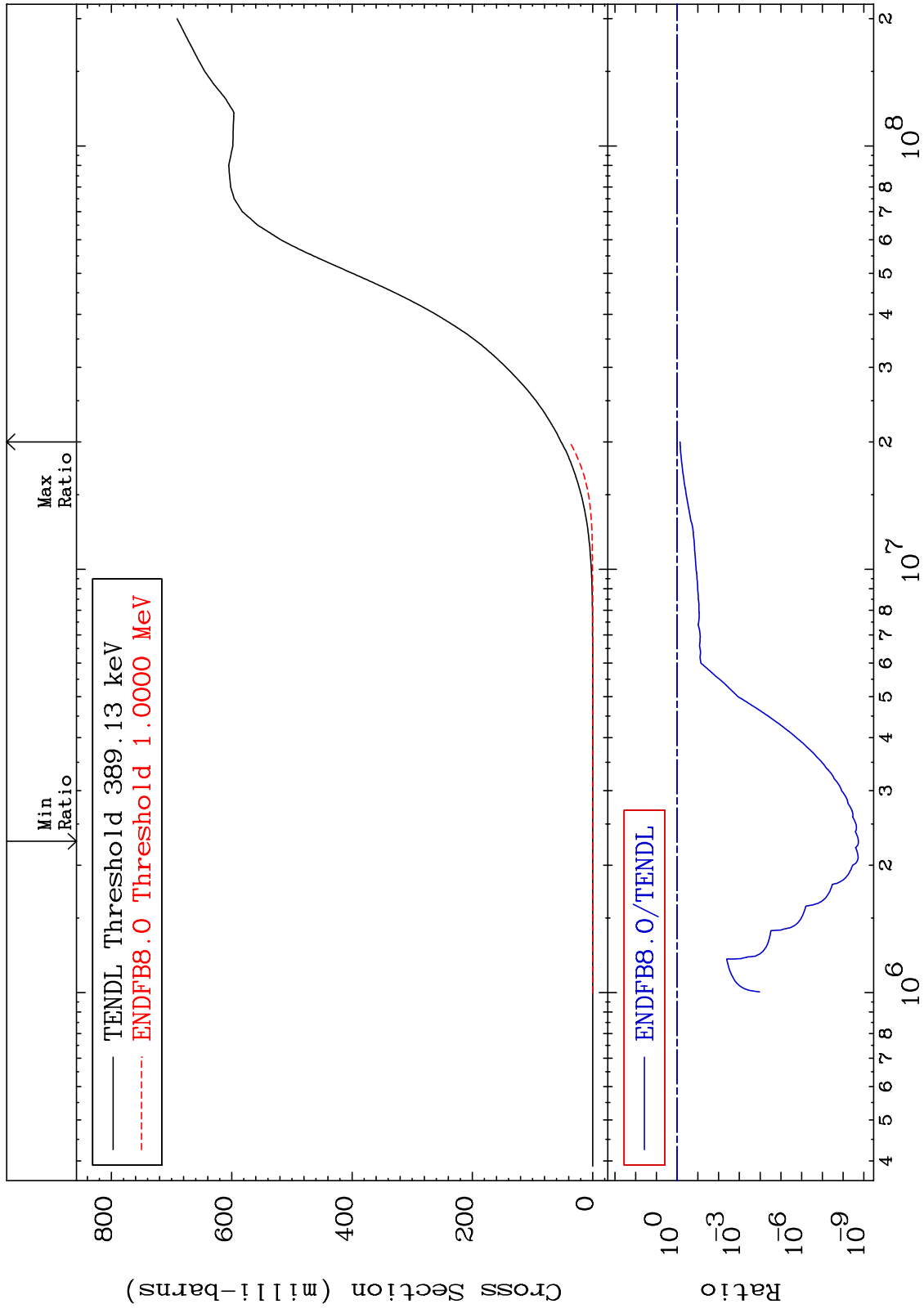
(n, α)
Cross Section
-96.92 To 9999. %



MAT 5531

Hydrogen Production
Cross Section

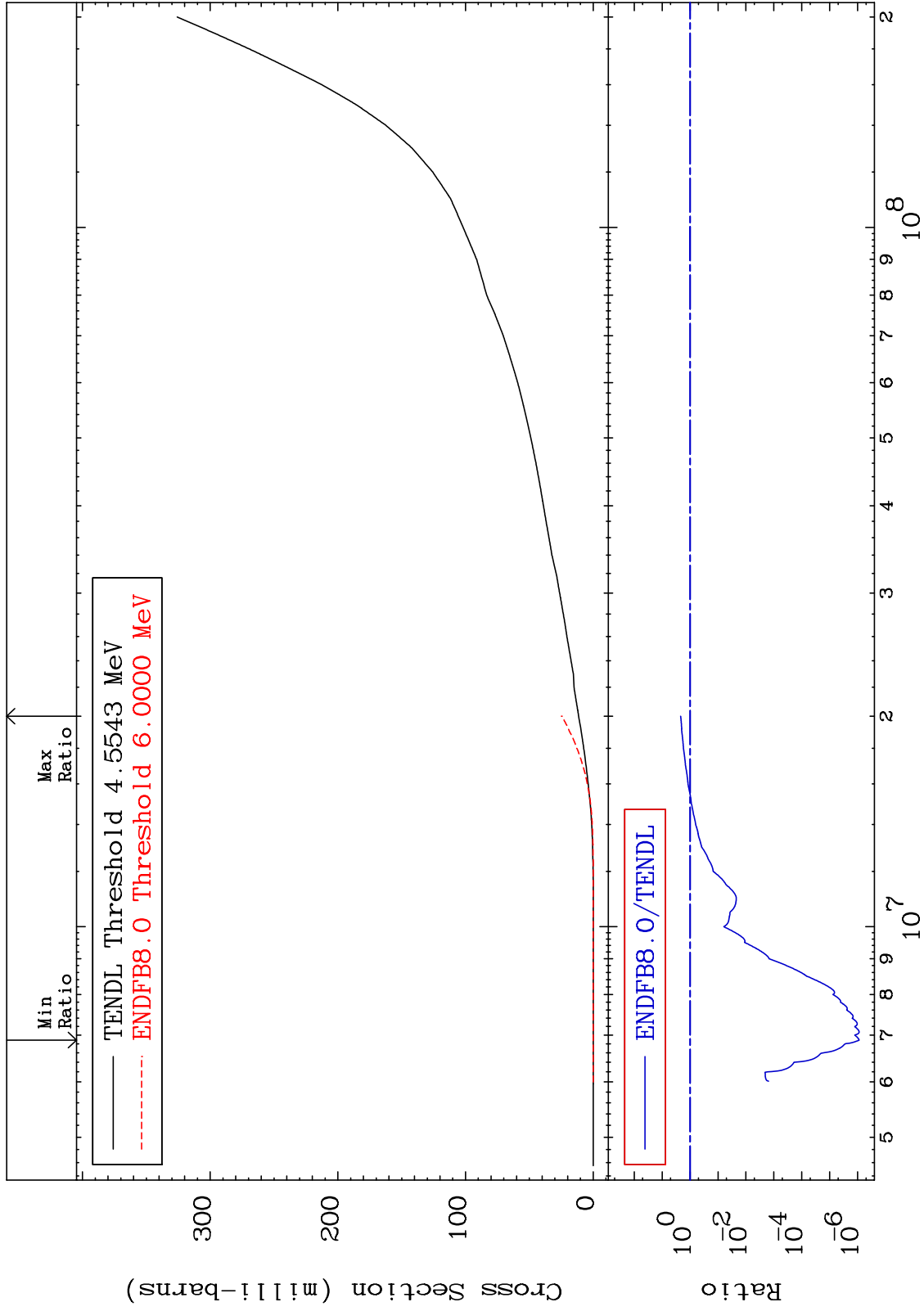
55-Cs-135
-100.0 To -27.31%



MAT 5531

Deuterium Production
Cross Section

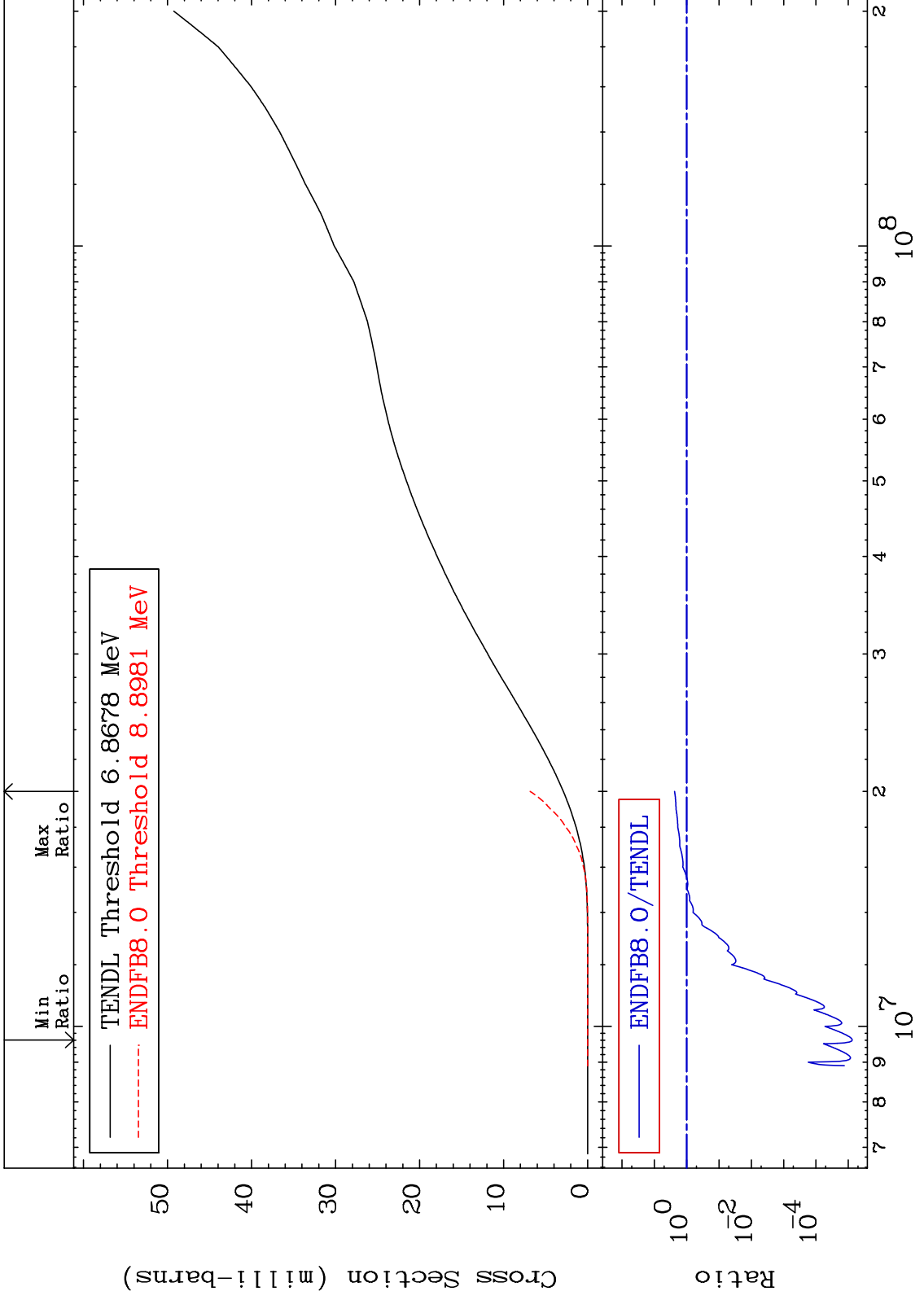
55-Cs-135
-100.0 To 118.3 %



MAT 5531

Tritium Production
Cross Section

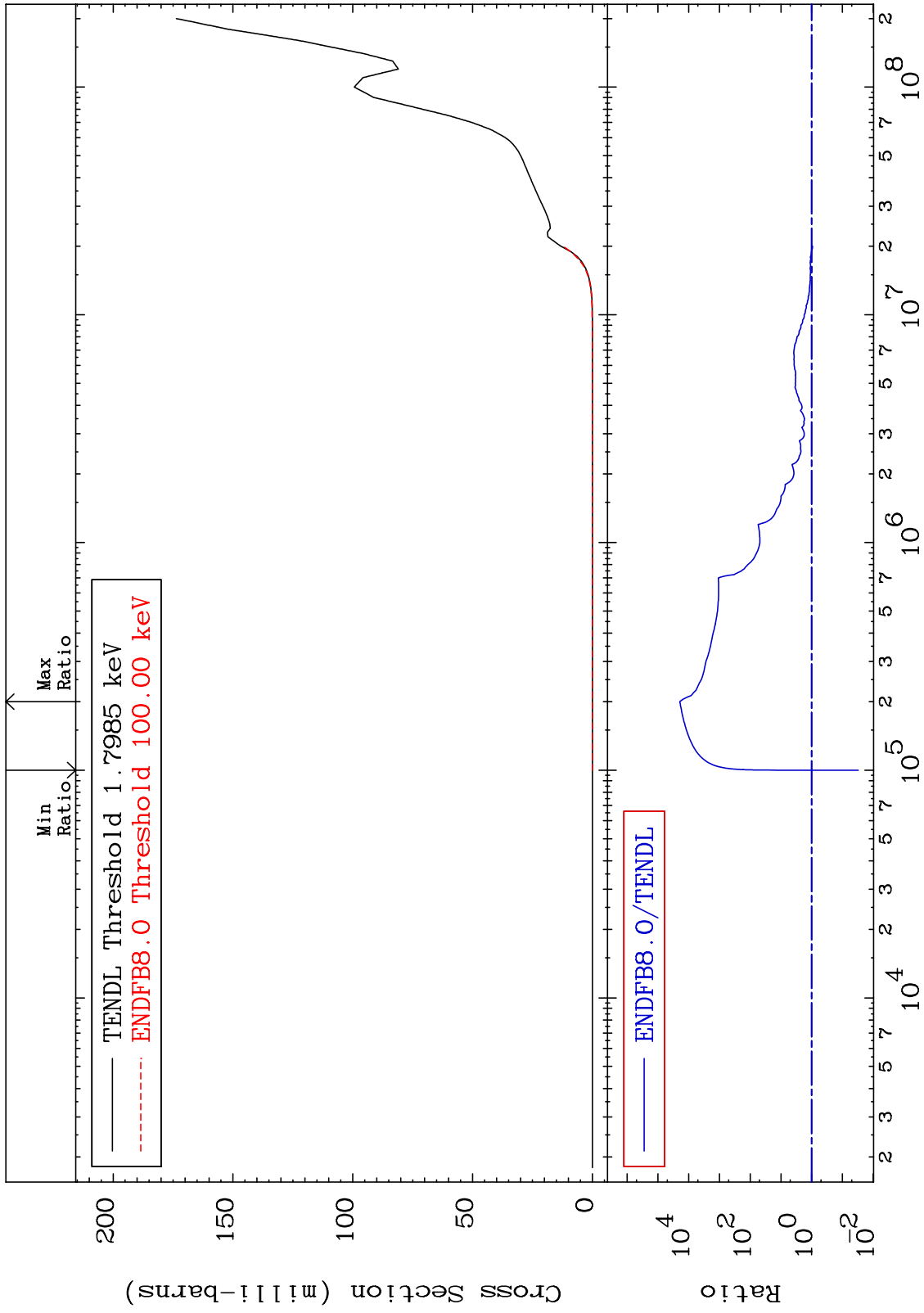
55-Cs-135
-100.0 To 136.4 %



MAT 5531

He-4 Production
Cross Section

55-Cs-135
-96.97 To 9999. %



23

Incident Energy (eV)

55-Cs-135

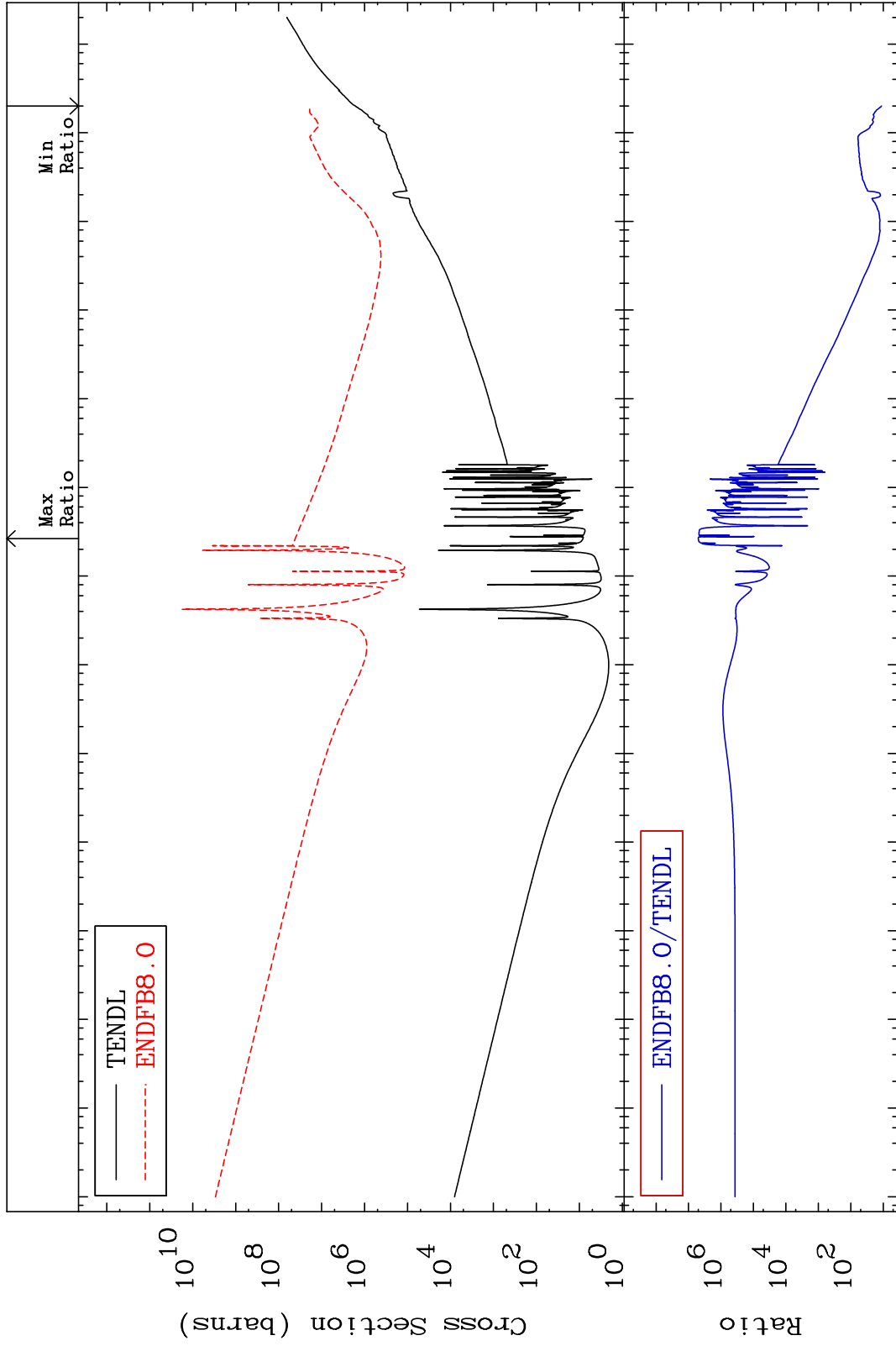
MAT 5531

Kerma total (eV-barns)

55-Cs-135

1036. To 9999. %

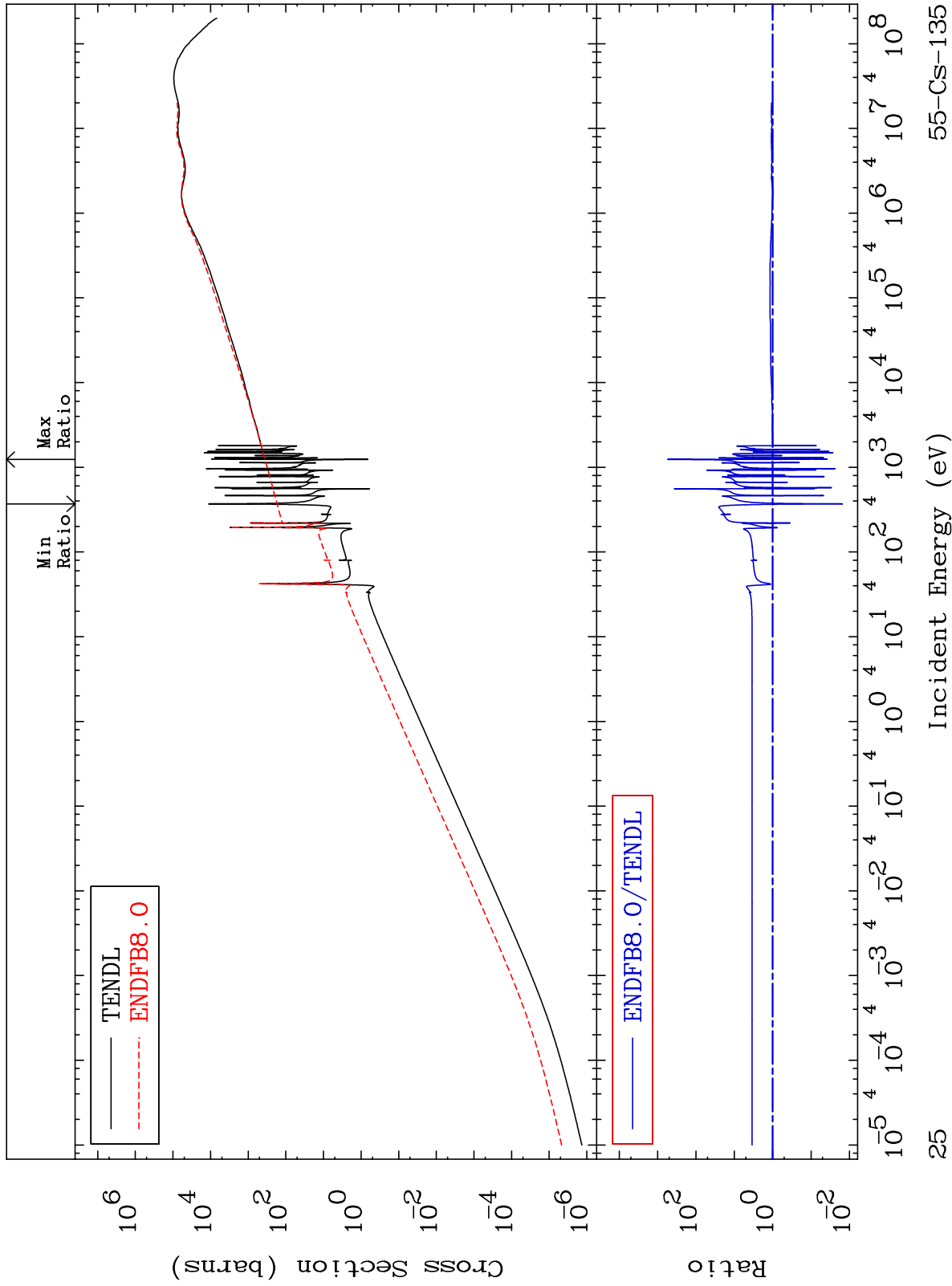
Cross Section



MAT 5531

Kerma elastic
Cross Section

55-Cs-135
-98.50 To 9999. %



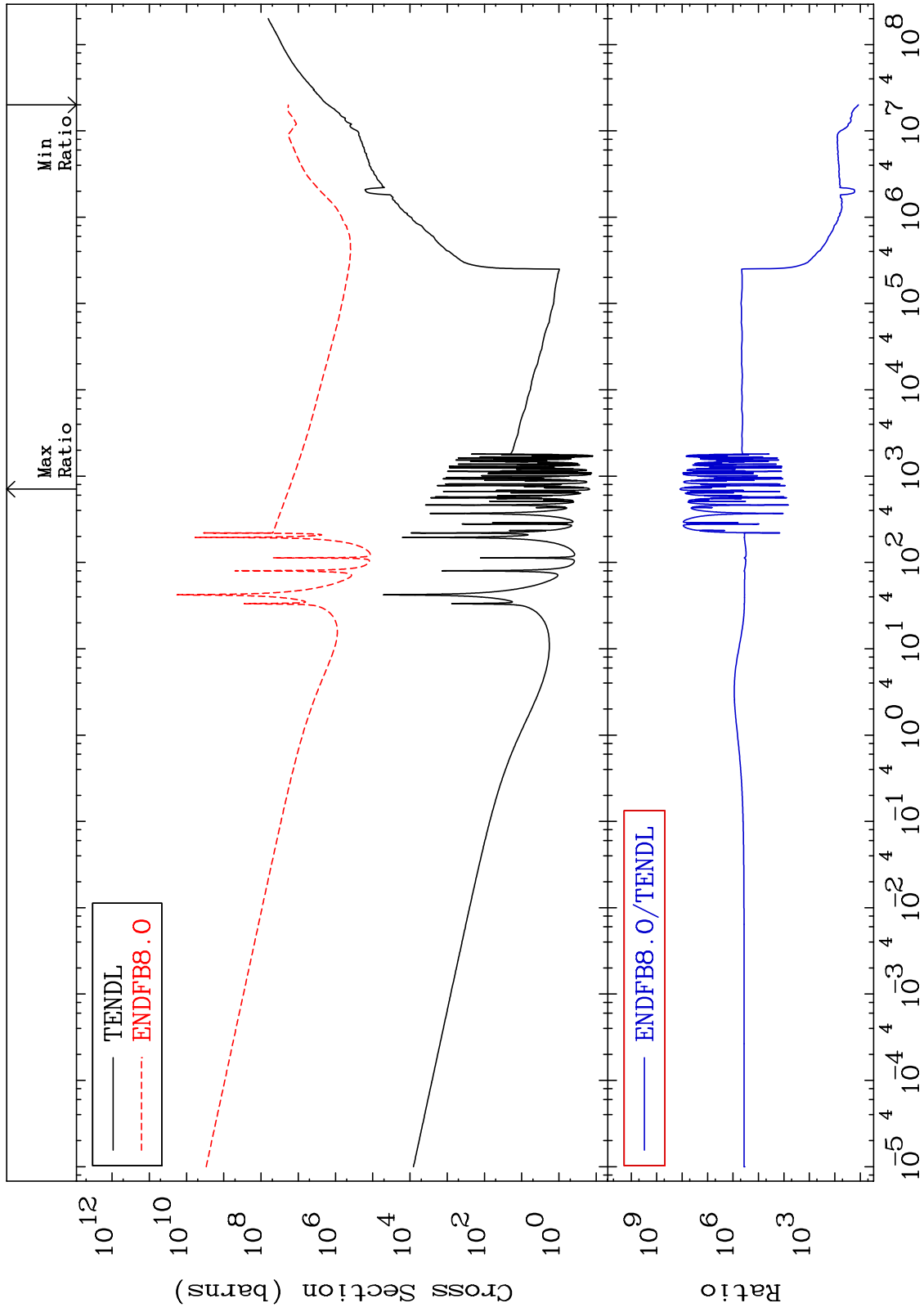
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Kerma non-elastic (all but mt2)

55-Cs-135

1084. To 9999. %

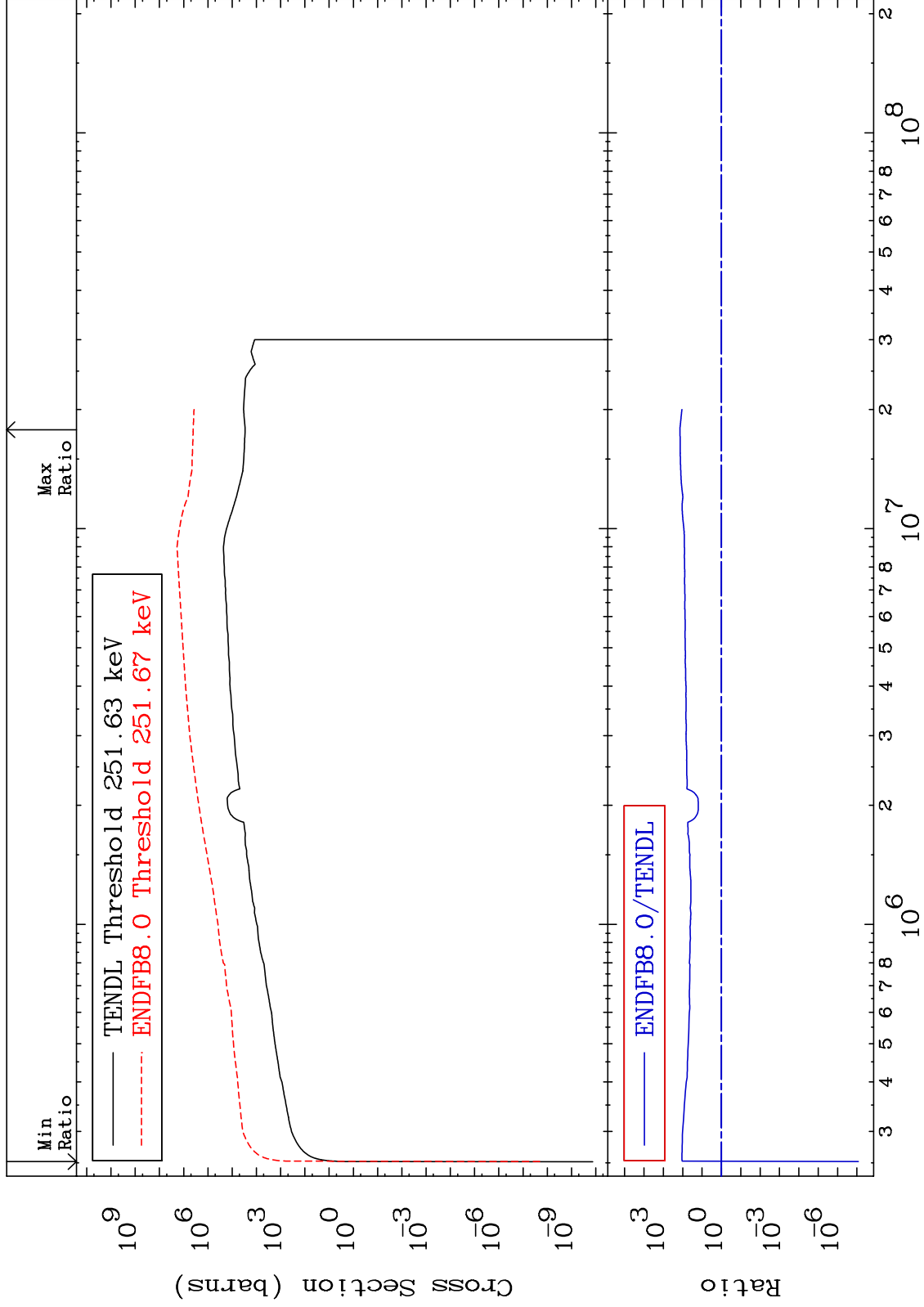
Cross Section



MAT 5531

Kerma inelastic (mt51-91)
Cross Section

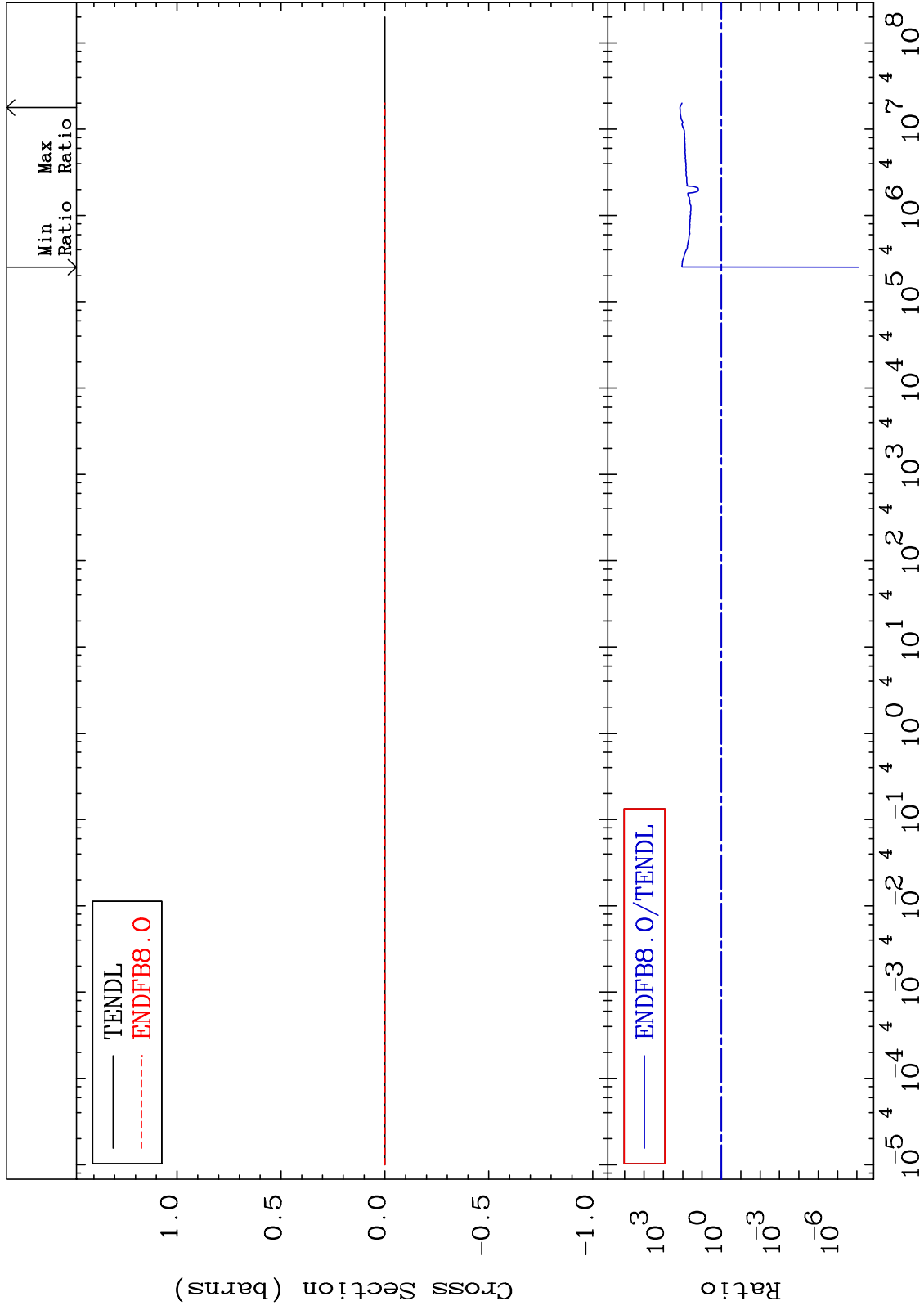
55-Cs-135
-100.0 To 9999. %



MAT 5531

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

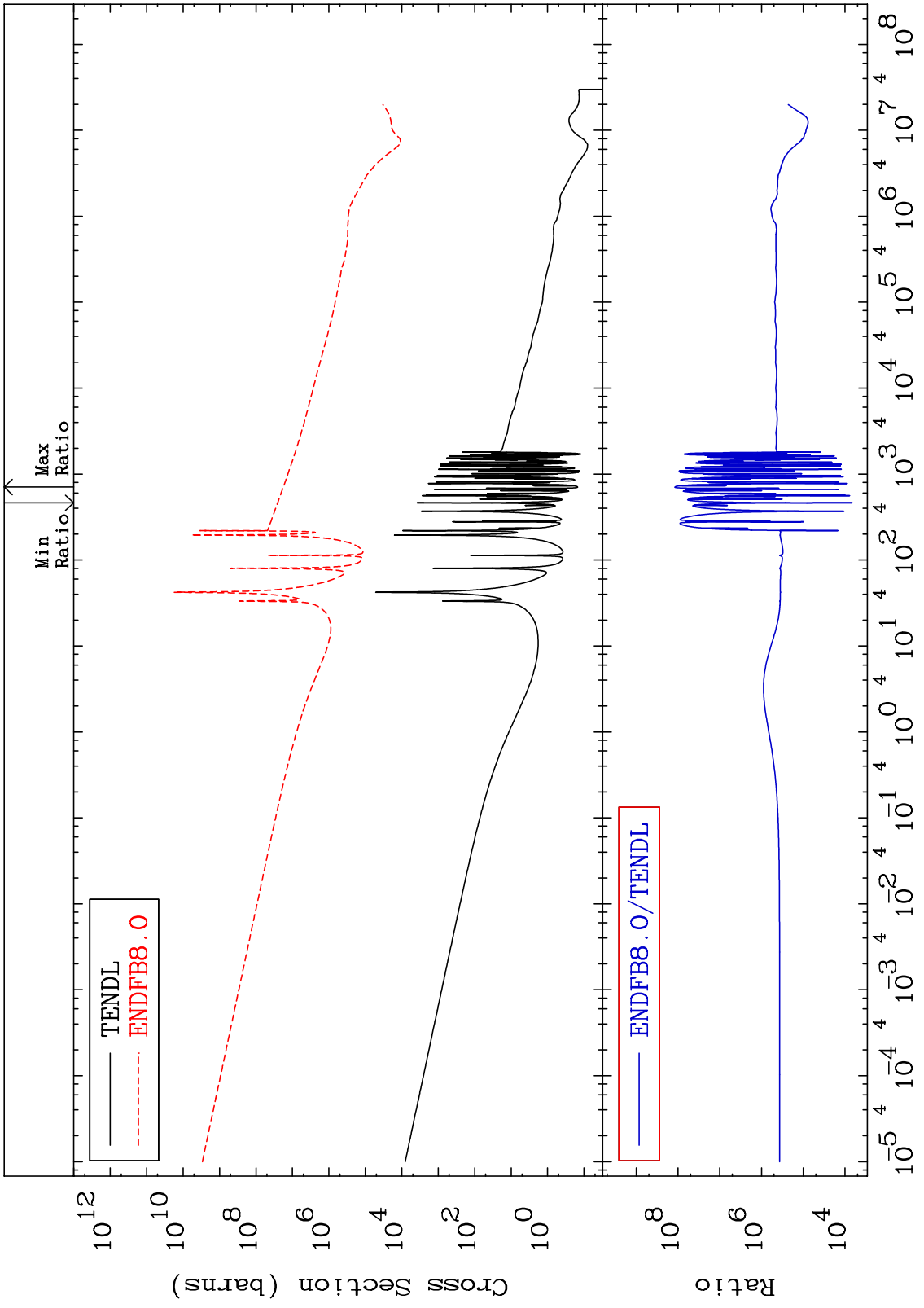
55-Cs-135
-100.0 To 9999. %



MAT 5531

Kerma capture (mt102)
Cross Section

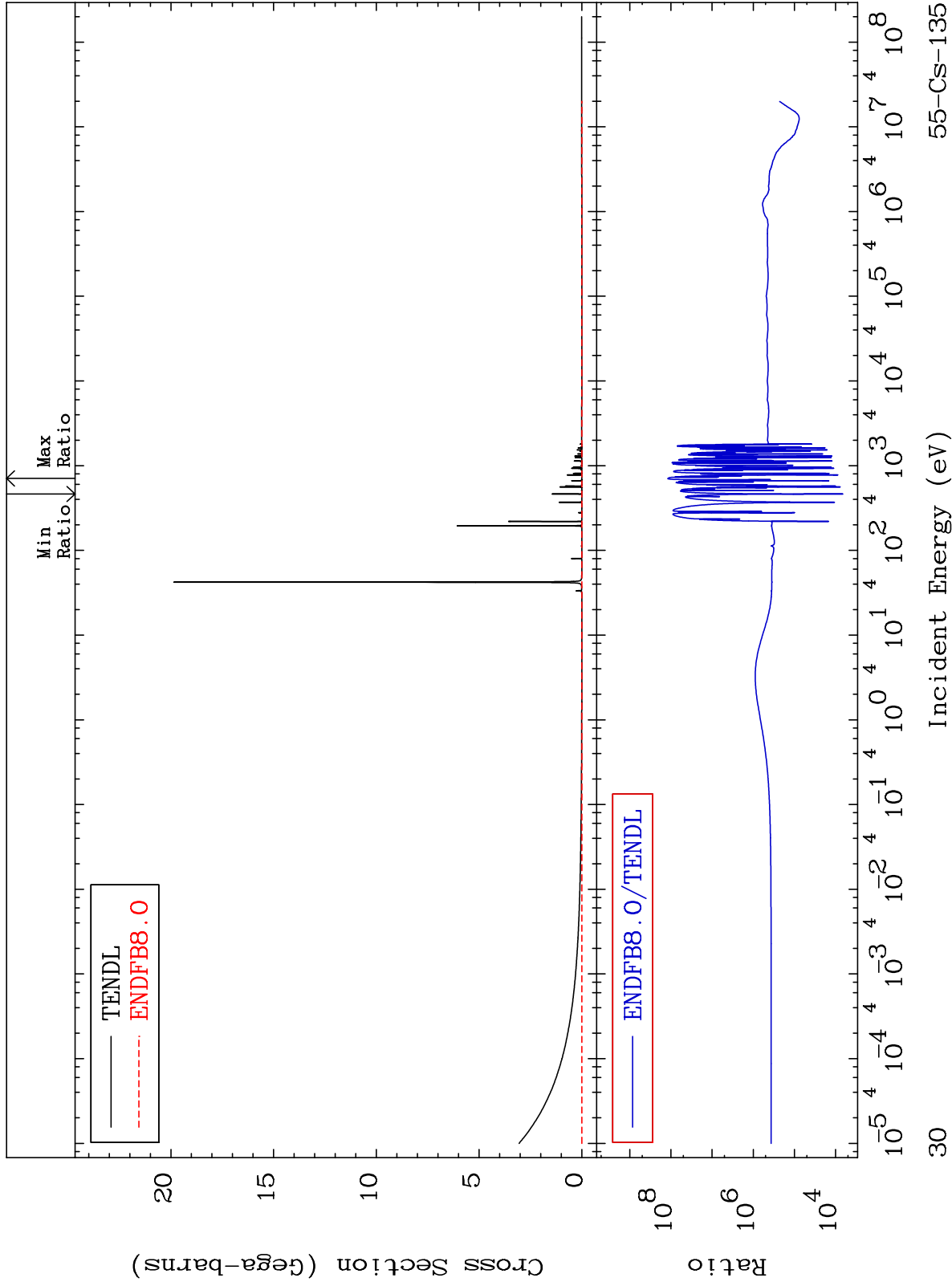
55-Cs-135
9999. To 9999. %



MAT 5531

Total photon (eV-barns)
Cross Section

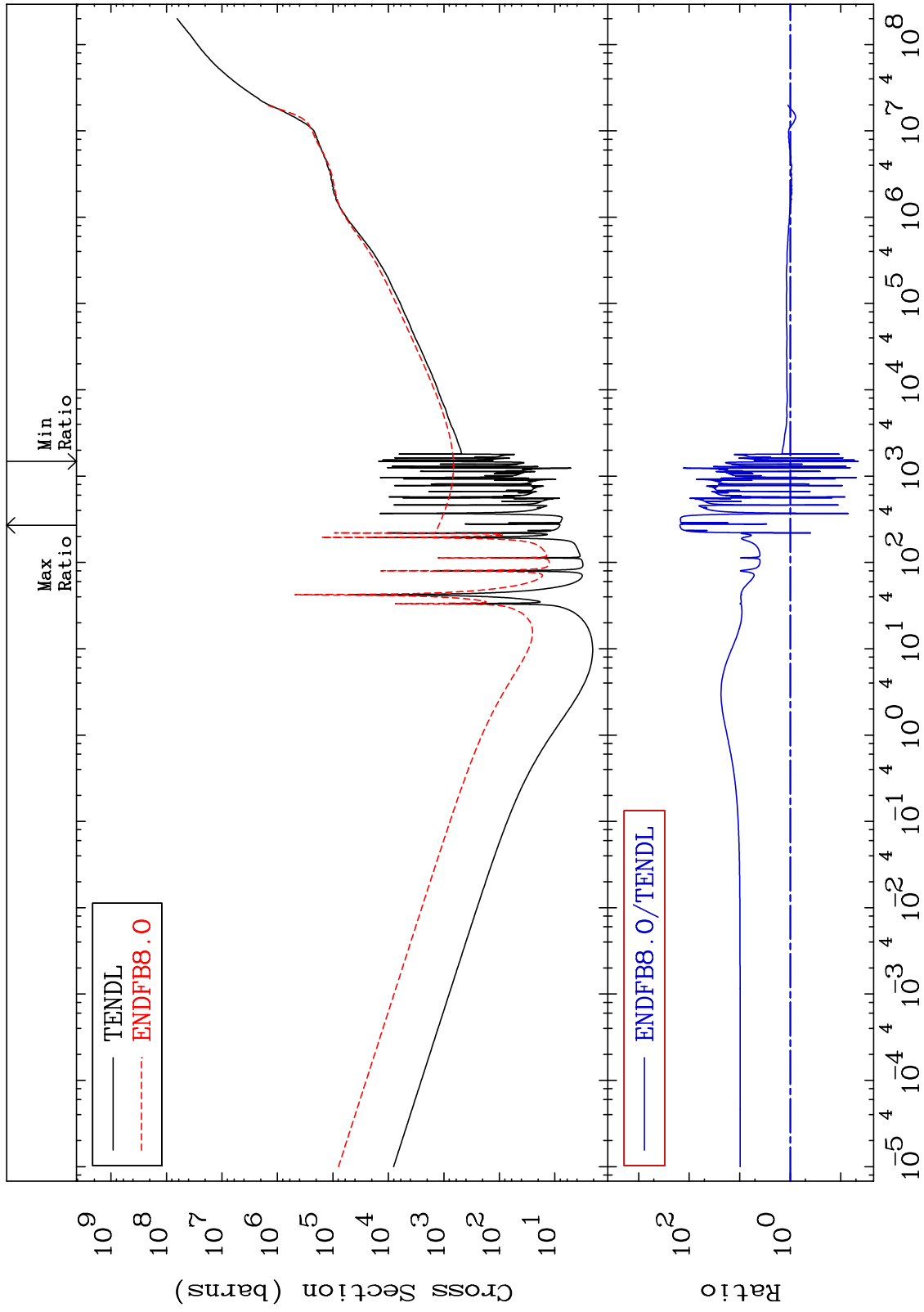
55-Cs-135
9999. To 9999. %



MAT 5531

Total kinematic kerma (high limit)
Cross Section

55-Cs-135
-95.53 To 9999. %



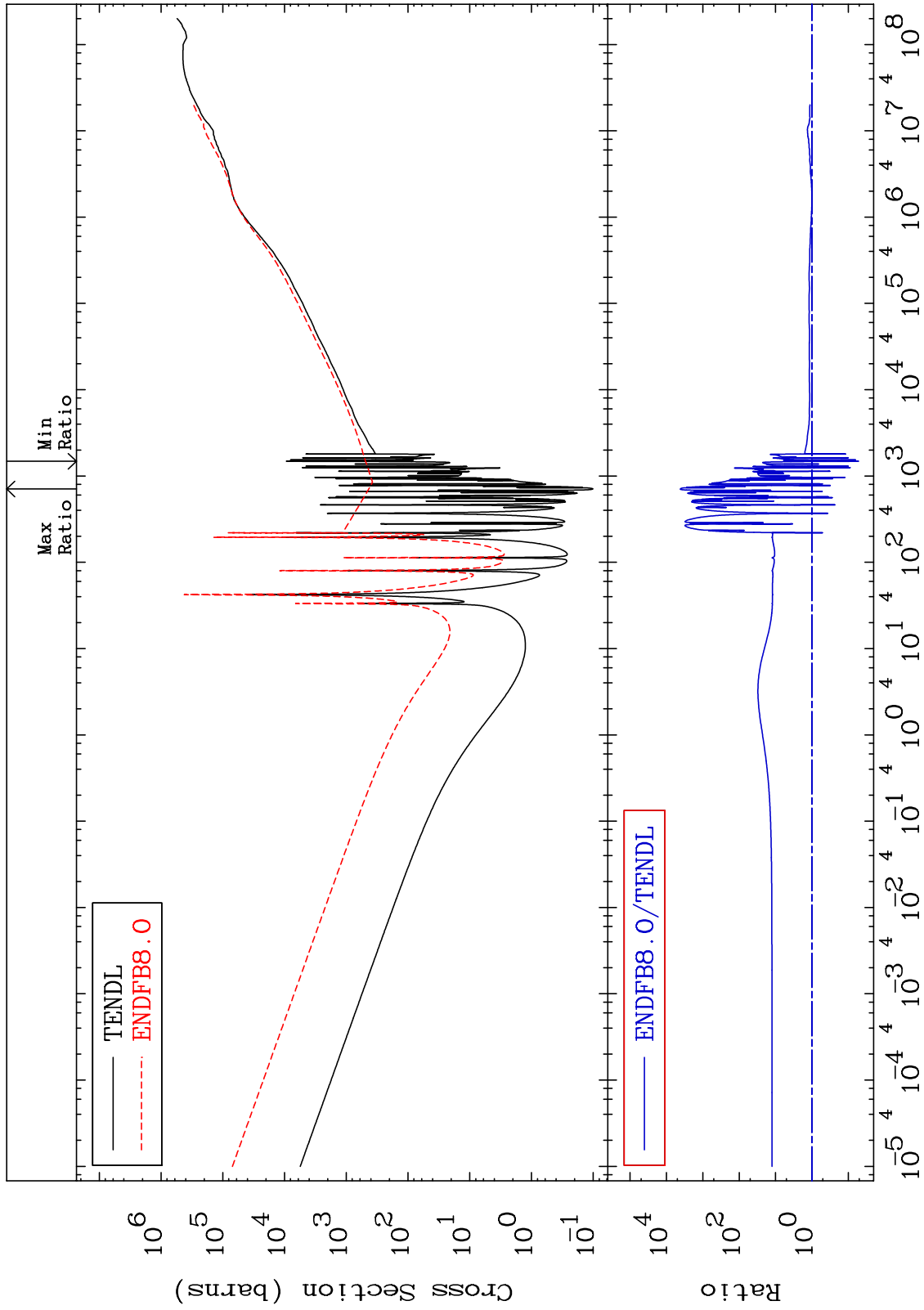
MAT 5531

Dpa total (eV-barns)

55-Cs-135

-94.75 To 9999. %

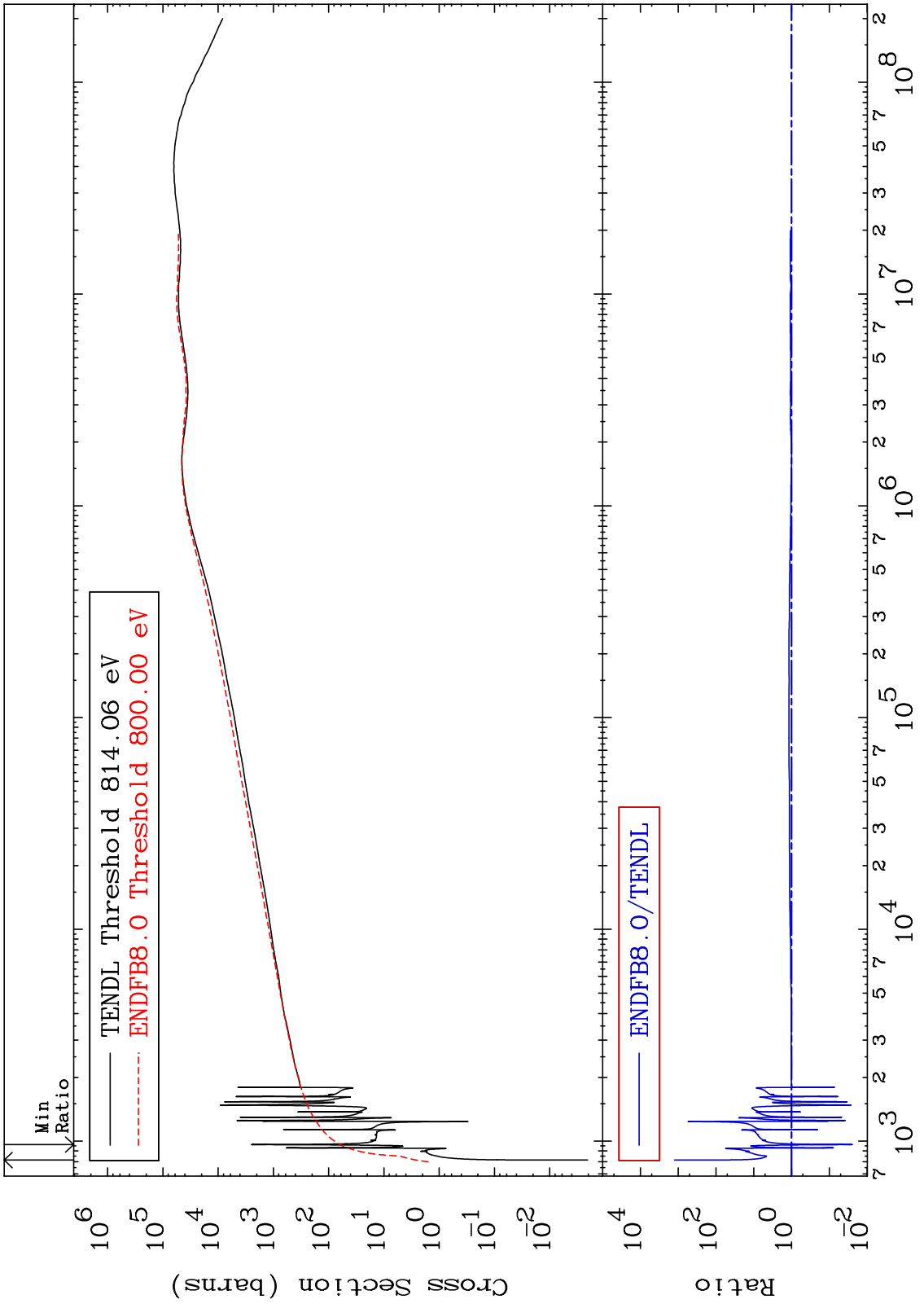
Cross Section



MAT 5531

Dpa elastic (mt2)
Cross Section

55-Cs-135
-97.51 To 9999. %



33

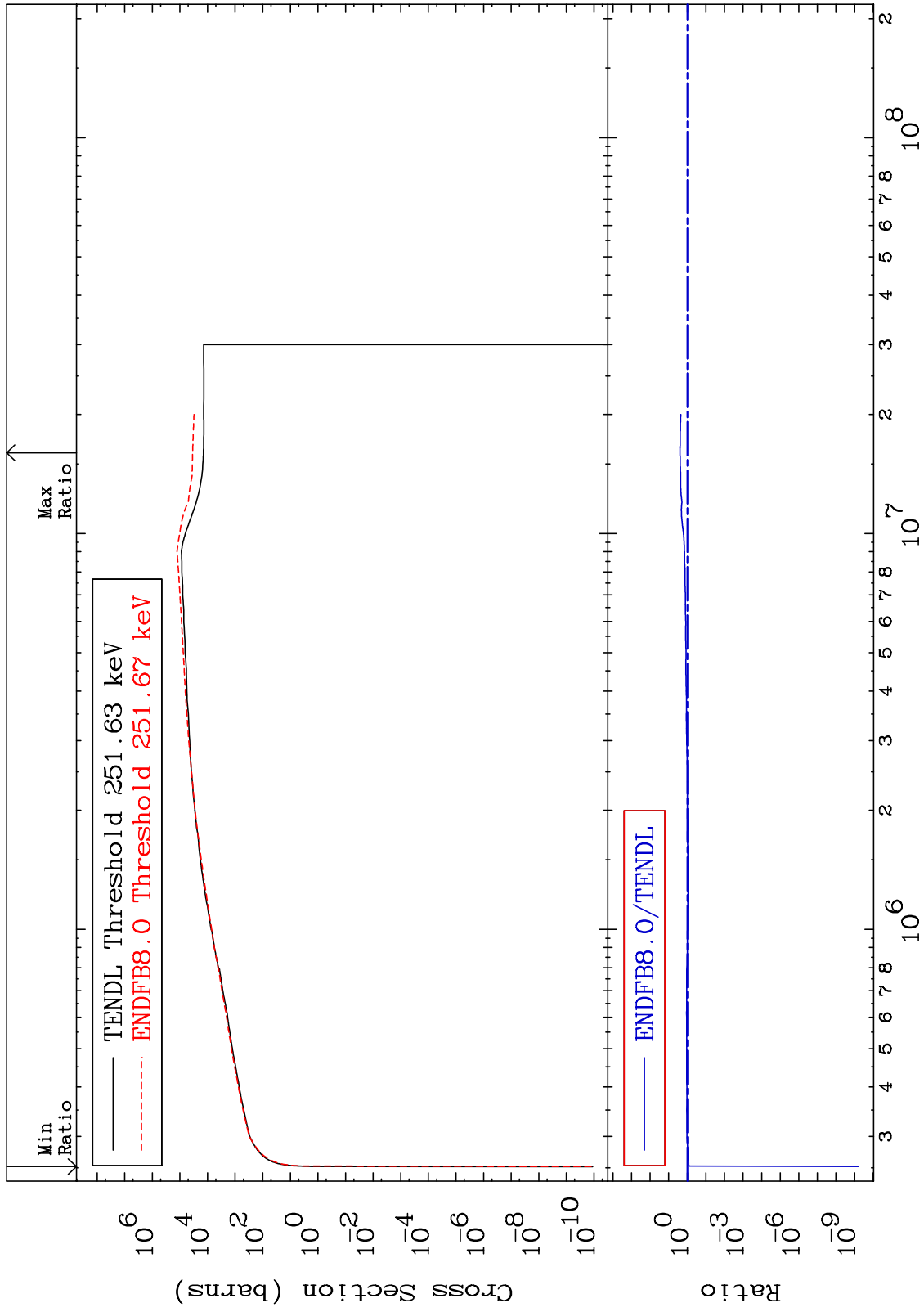
Incident Energy (eV)

55-Cs-135

MAT 5531

Dpa inelastic (mt51-91)
Cross Section

55-Cs-135
-100.0 To 146.4 %



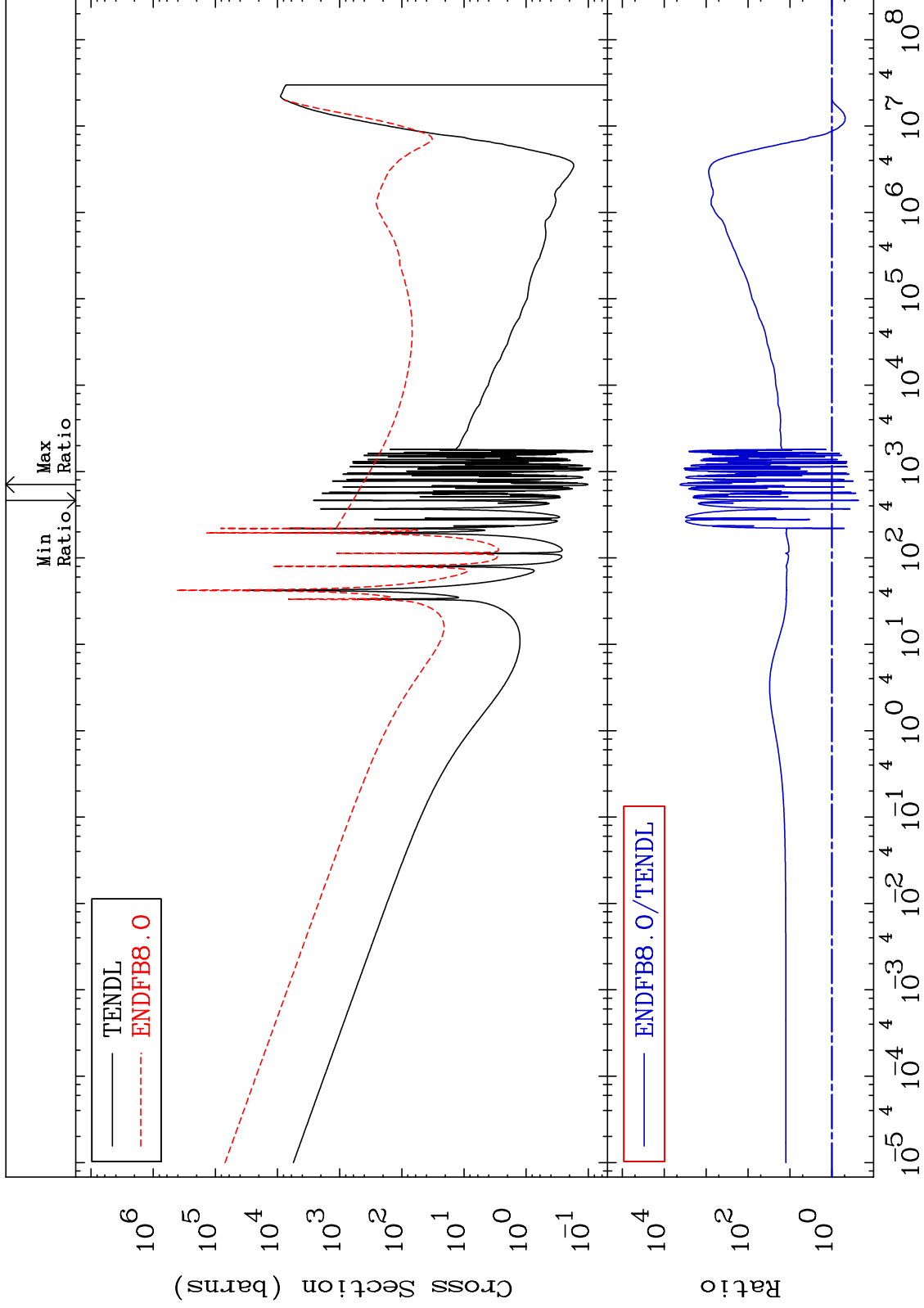
MAT 5531

Dpa disappearance (mt102 -120)

55-Cs-135

-76.69 To 9999. %

Cross Section



35

Incident Energy (eV)

55-Cs-135