

Program Complot
(Version 2021-1)

by

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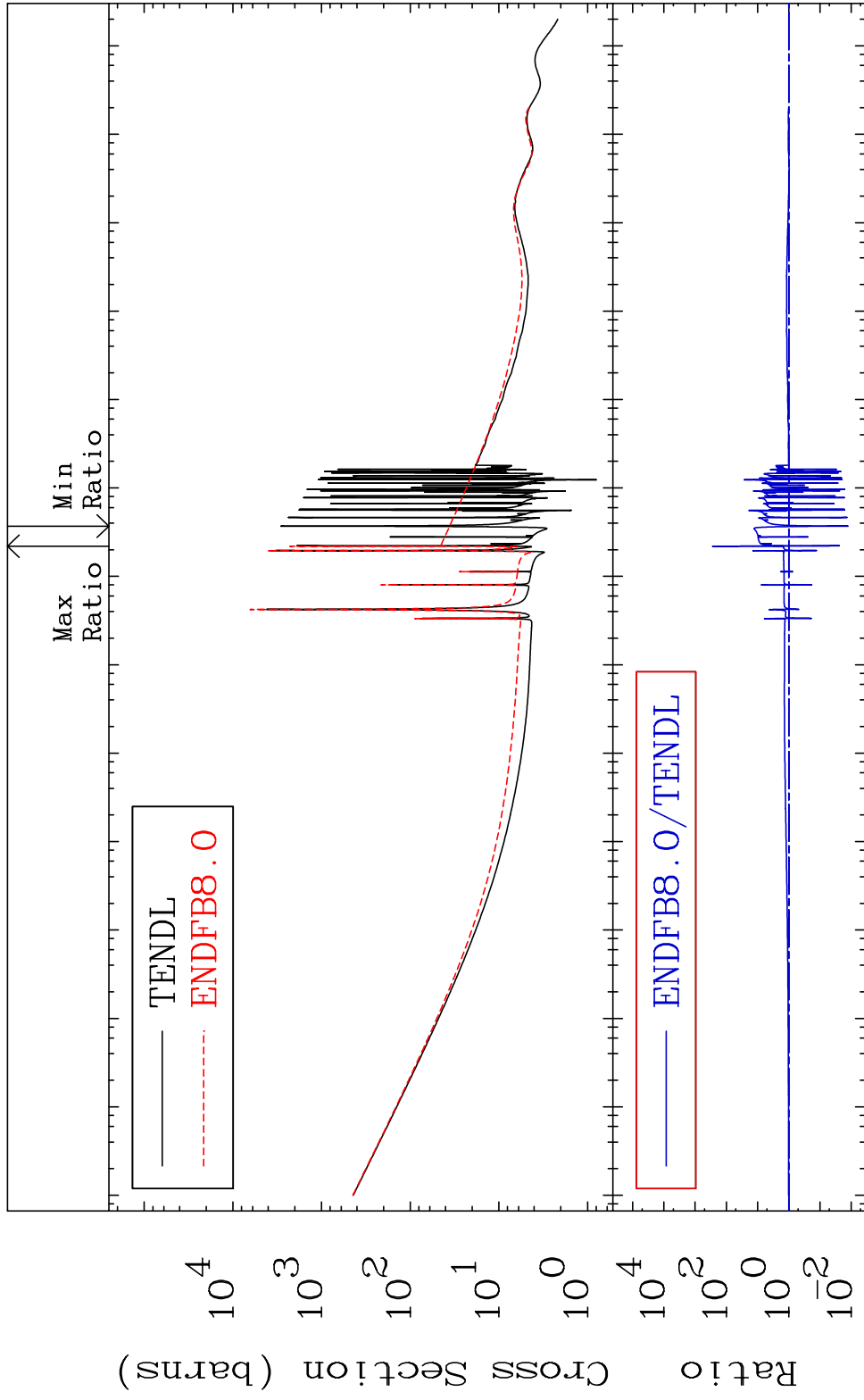
Press Mouse Button to Start

MAT 5531

Total

55-Cs-135

Cross Section -98.76 To 9999. %



1

Incident Energy (eV)

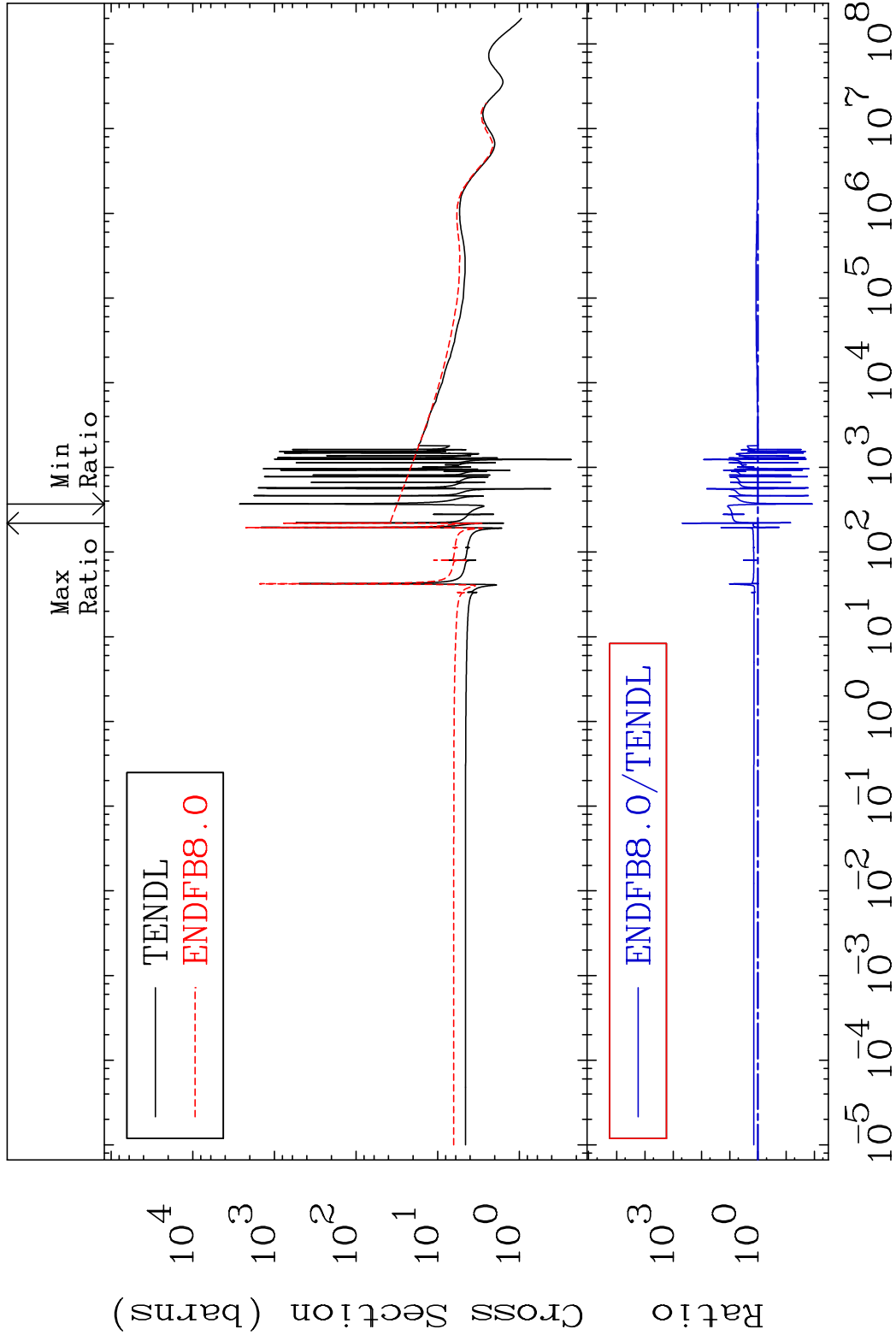
55-Cs-135

MAT 5531

Elastic

55-Cs-135

Cross Section -98.83 To 9999. %

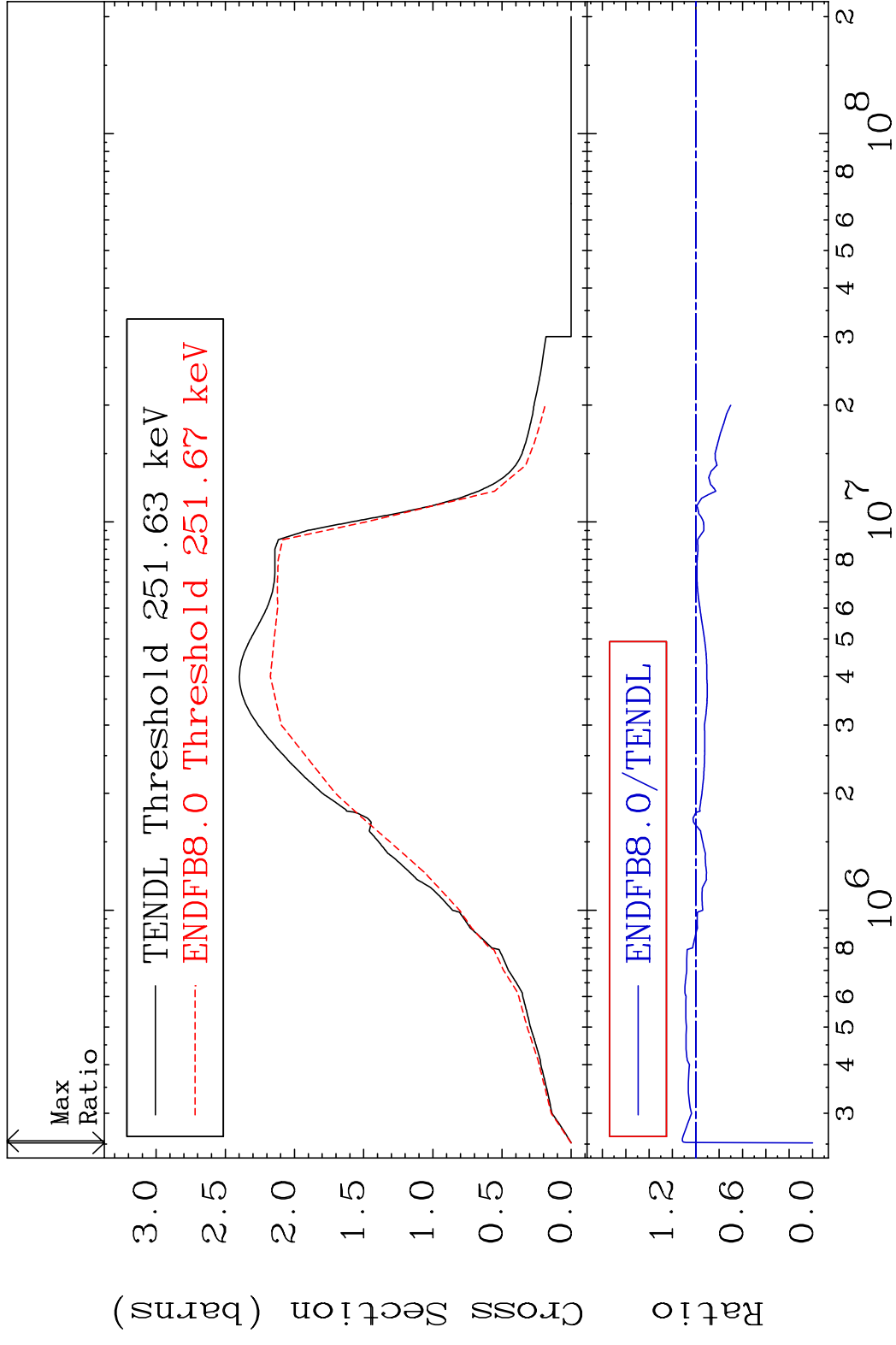


2

Incident Energy (eV)

55-Cs-135

MAT 5531 Inelastic 55-Cs-135
 Cross Section -100.0 To 11.52 %

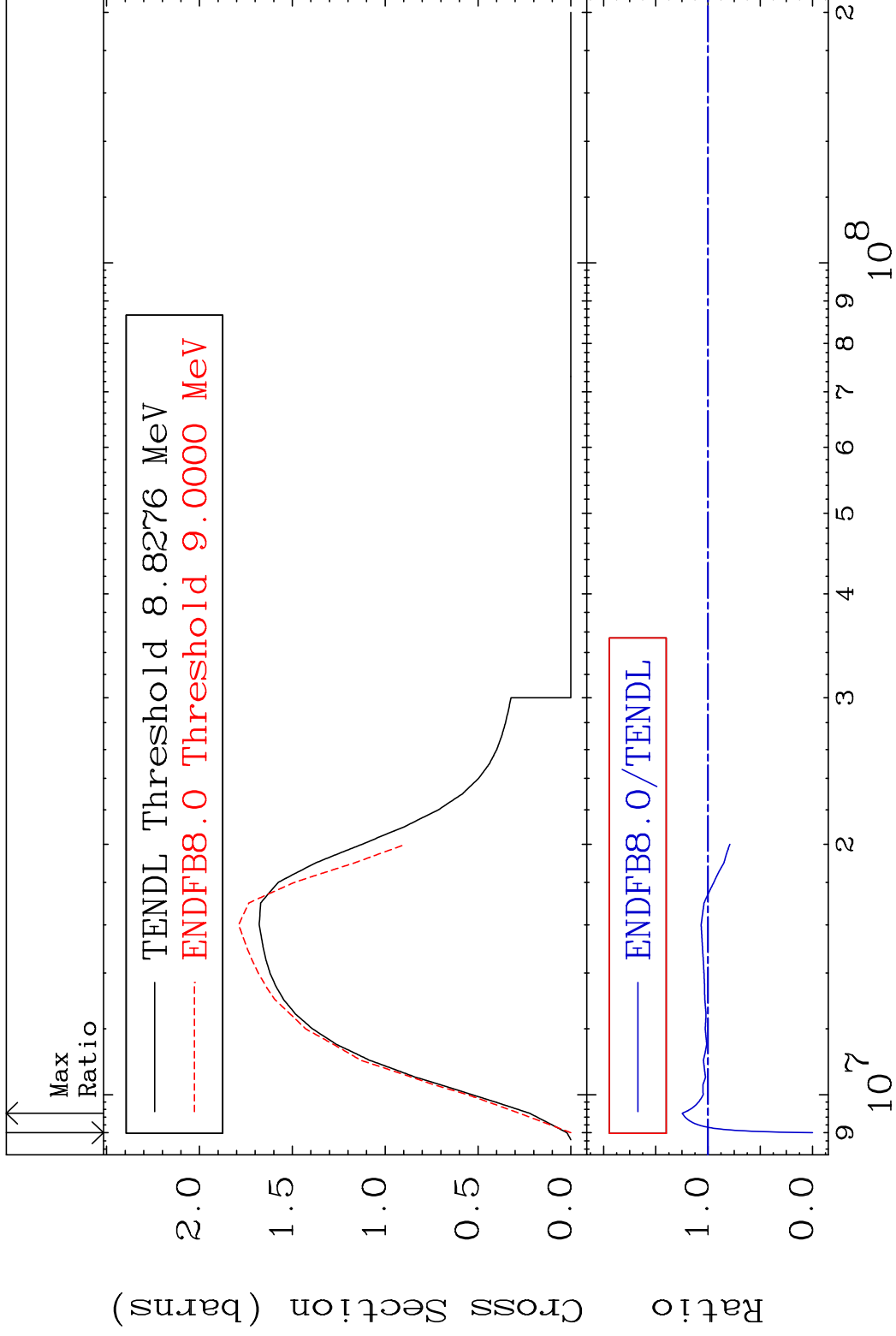


MAT 5531

(n,2n)

55-Cs-135

Cross Section -100.0 To 24.78 %



4

Incident Energy (eV)

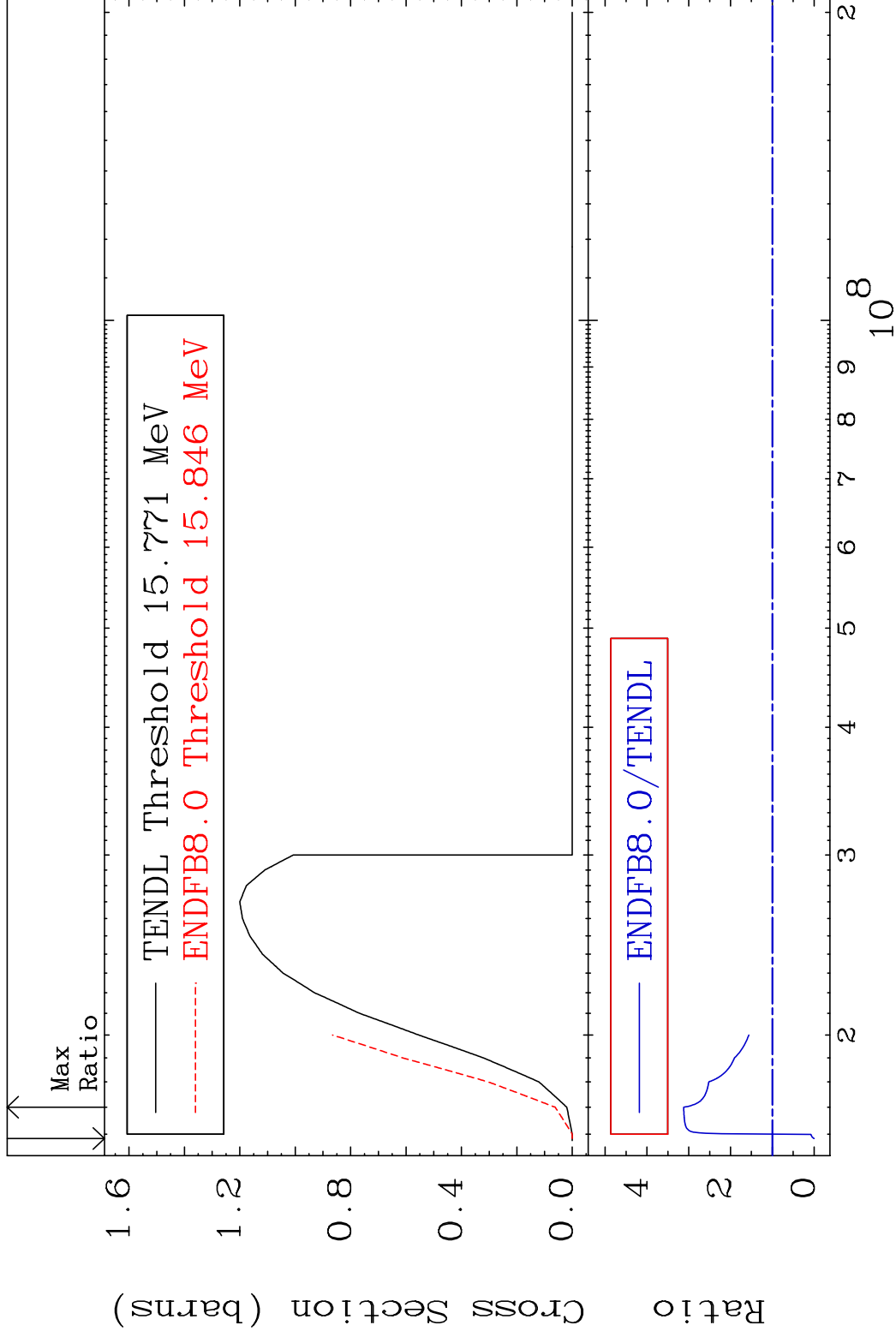
55-Cs-135

MAT 5531

(n,3n)

55-Cs-135

Cross Section -100.0 To 212.2 %



5

Incident Energy (eV)

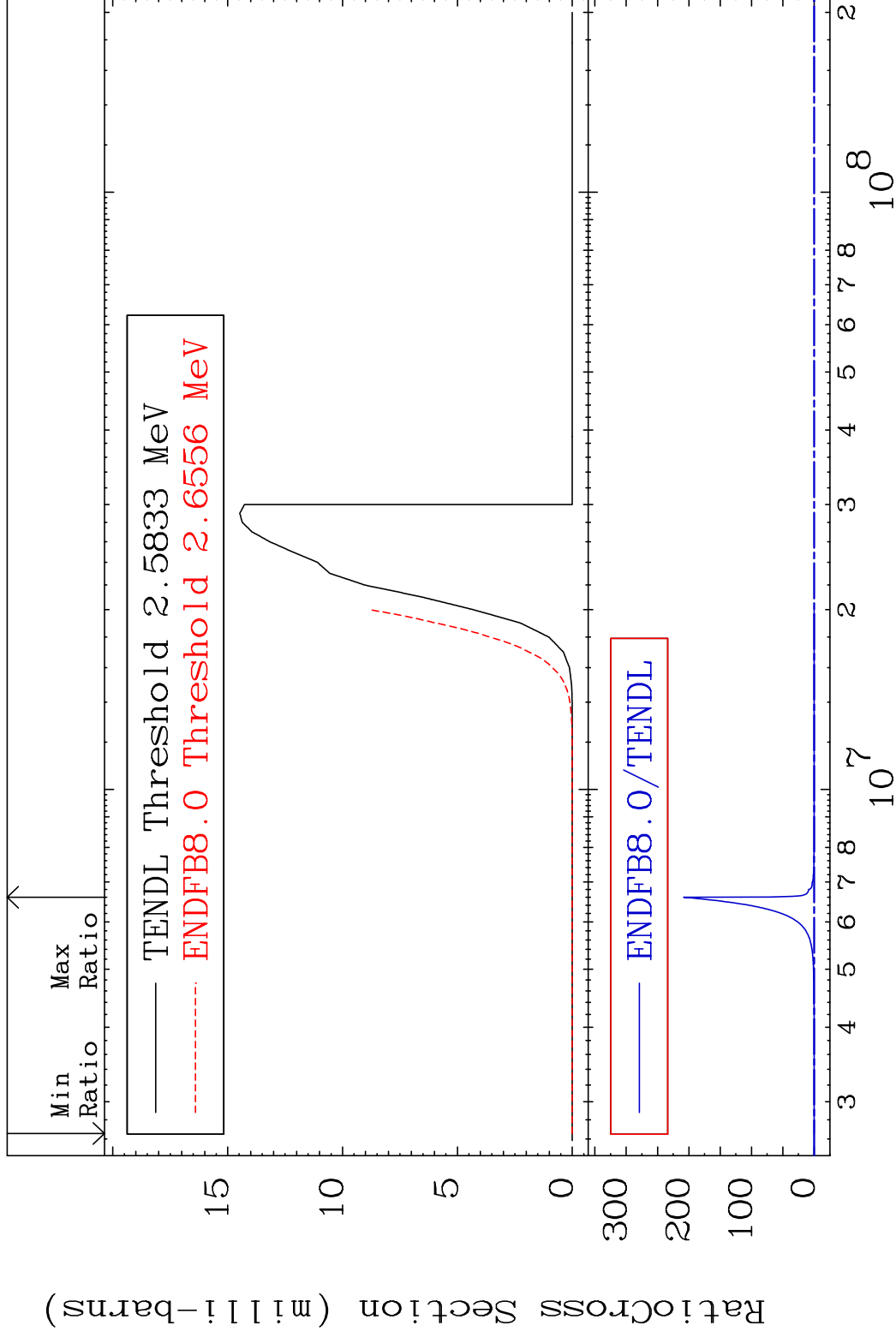
55-Cs-135

MAT 5531

(n, n') α

55-Cs-135

Cross Section -100.0 To 9999. %



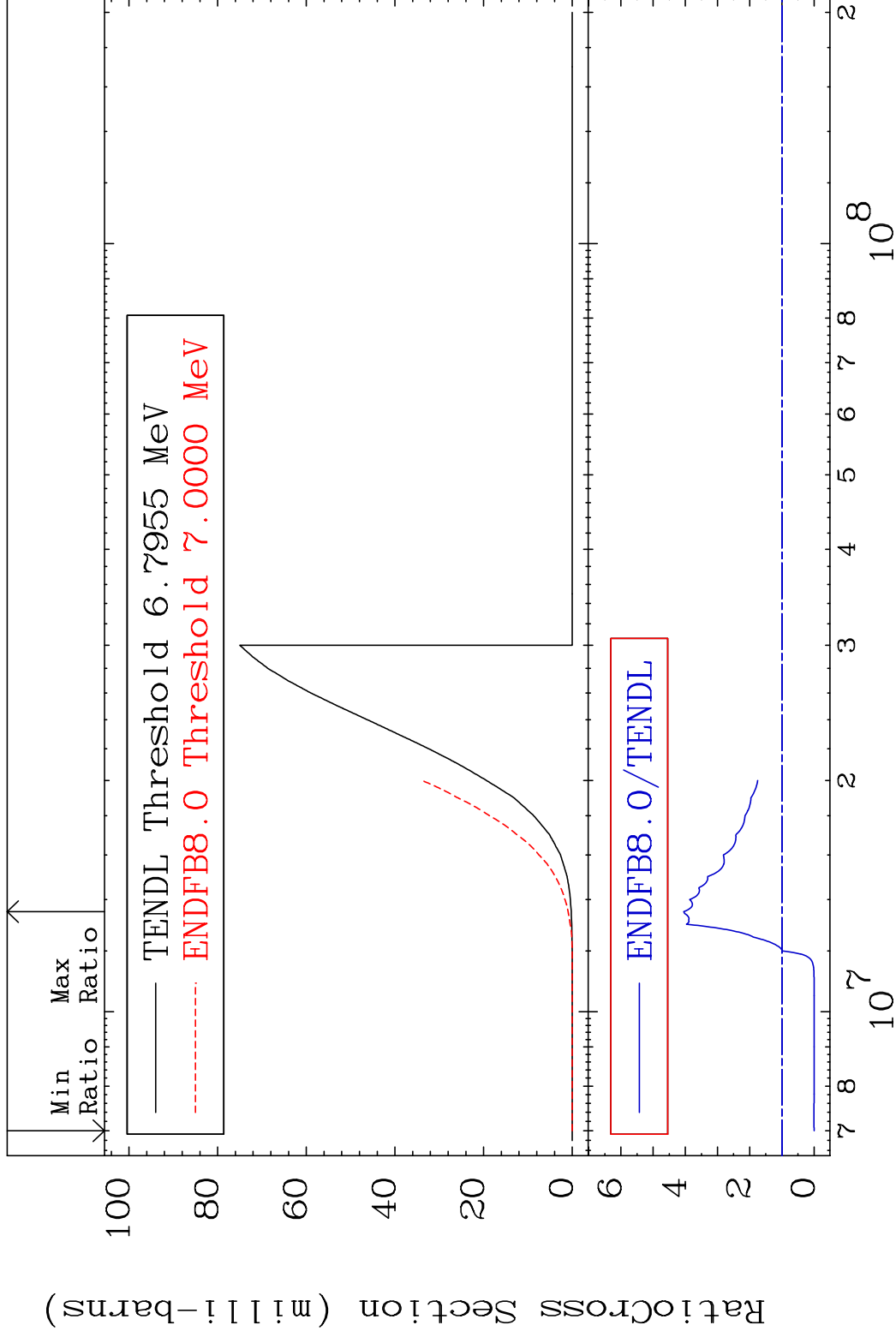
6

Incident Energy (eV)

55-Cs-135

MAT 5531

(n, n') p 55-Cs-135
Cross Section -100.0 To 305.2 %



7

Incident Energy (eV)

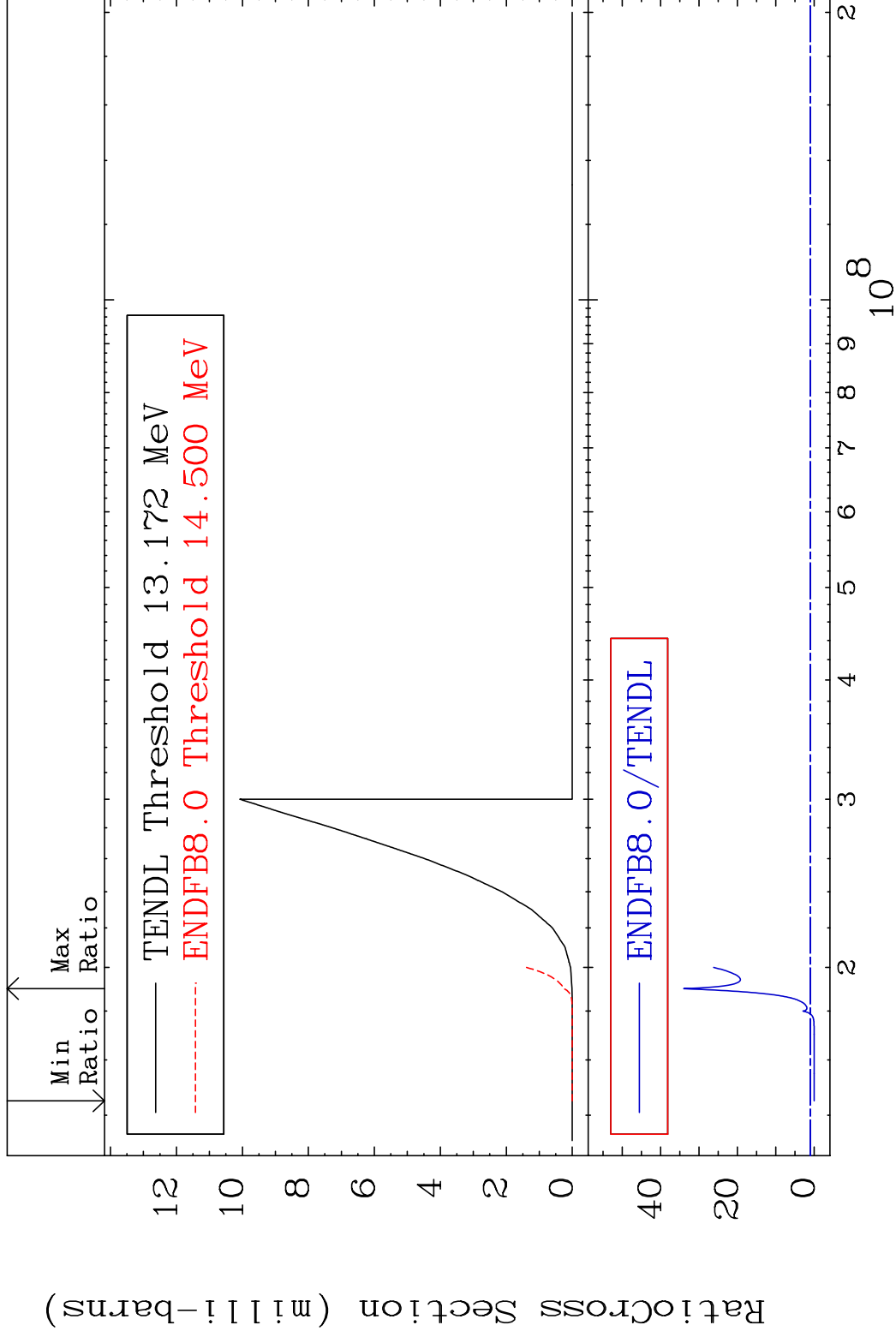
55-Cs-135

MAT 5531

(n, n') d

55-Cs-135

Cross Section -100.0 To 3301. %



8

Incident Energy (eV)

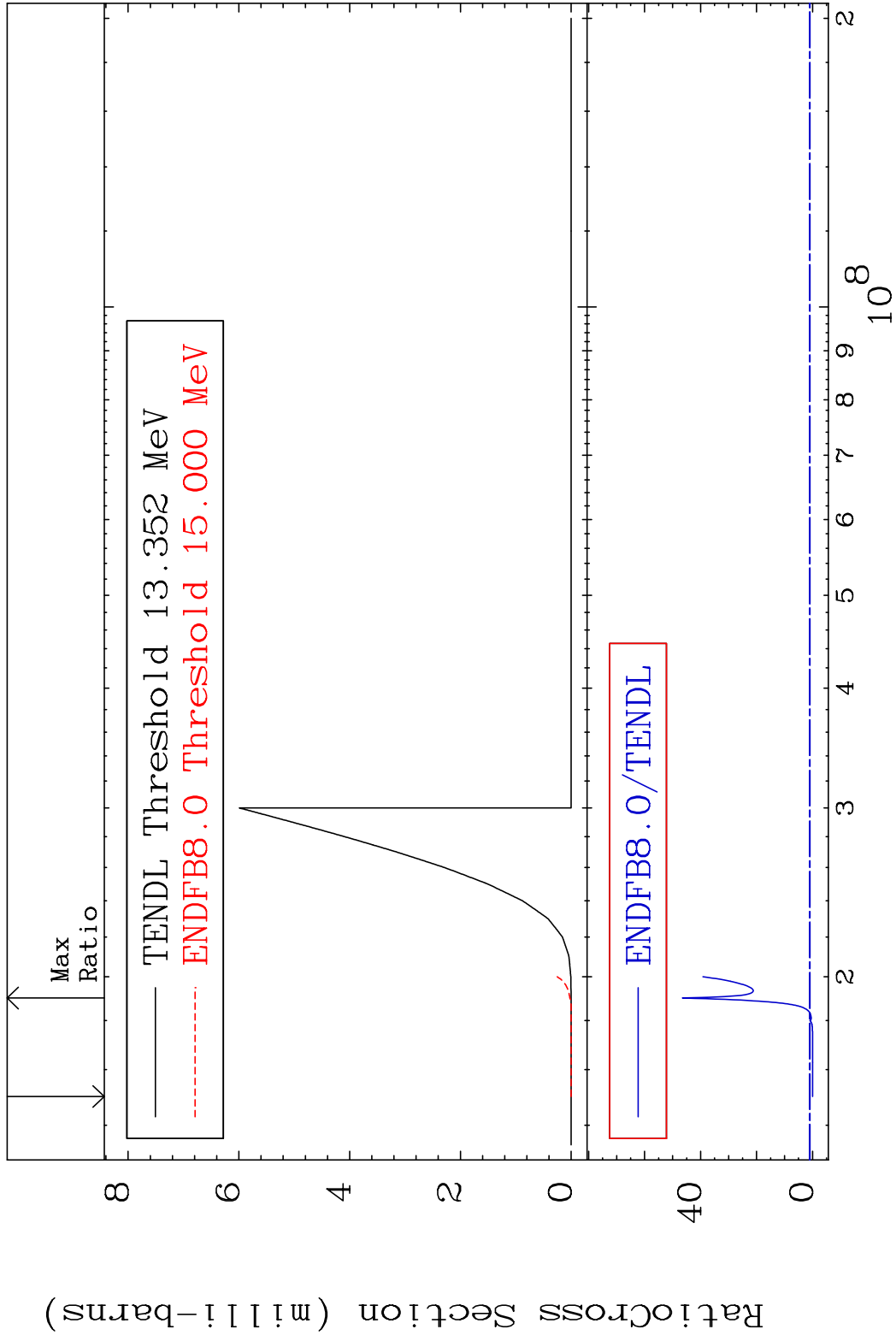
55-Cs-135

MAT 5531

(n, n') t

55-Cs-135

Cross Section -100.0 To 4552. %

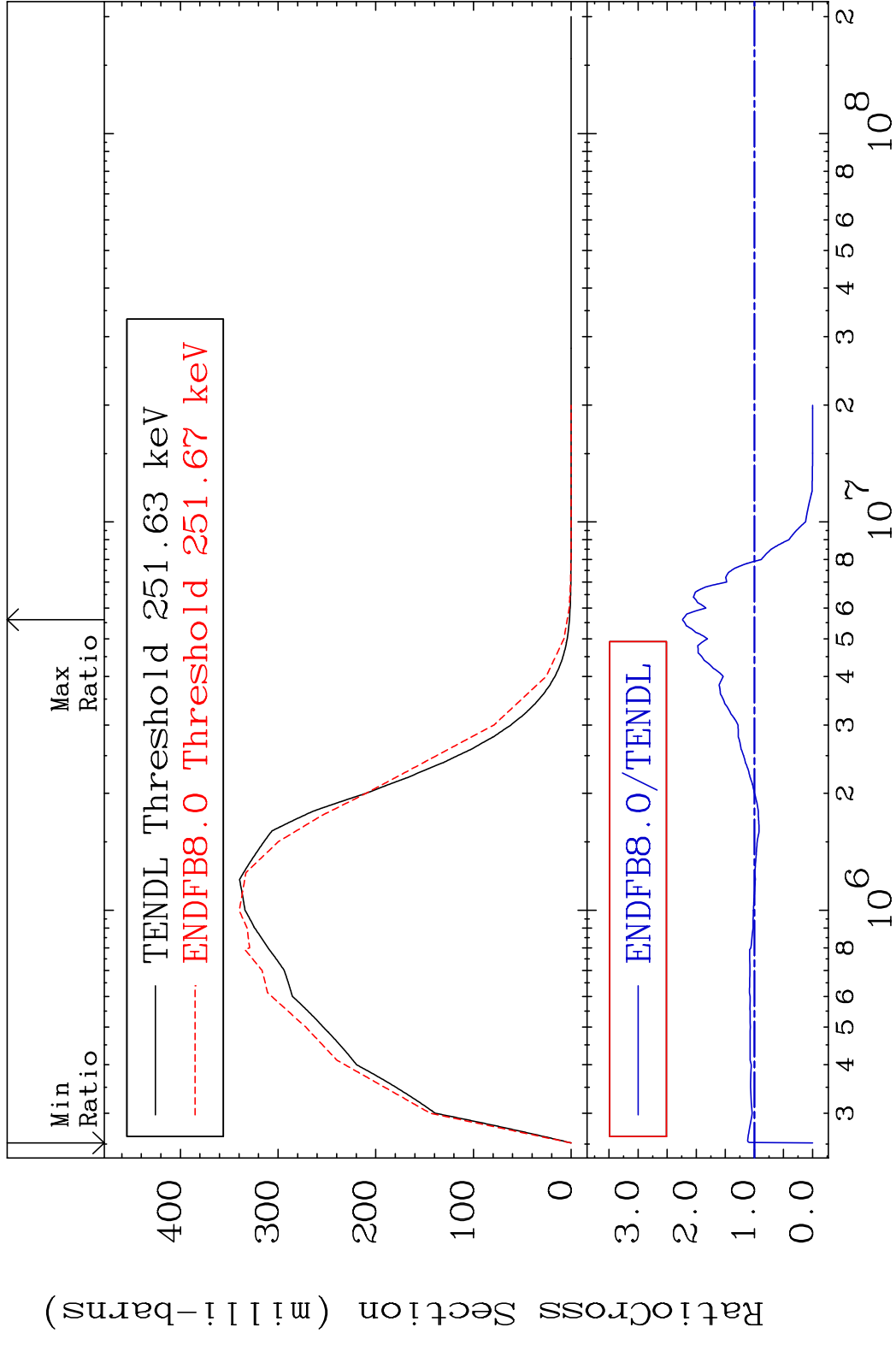


9

Incident Energy (eV)

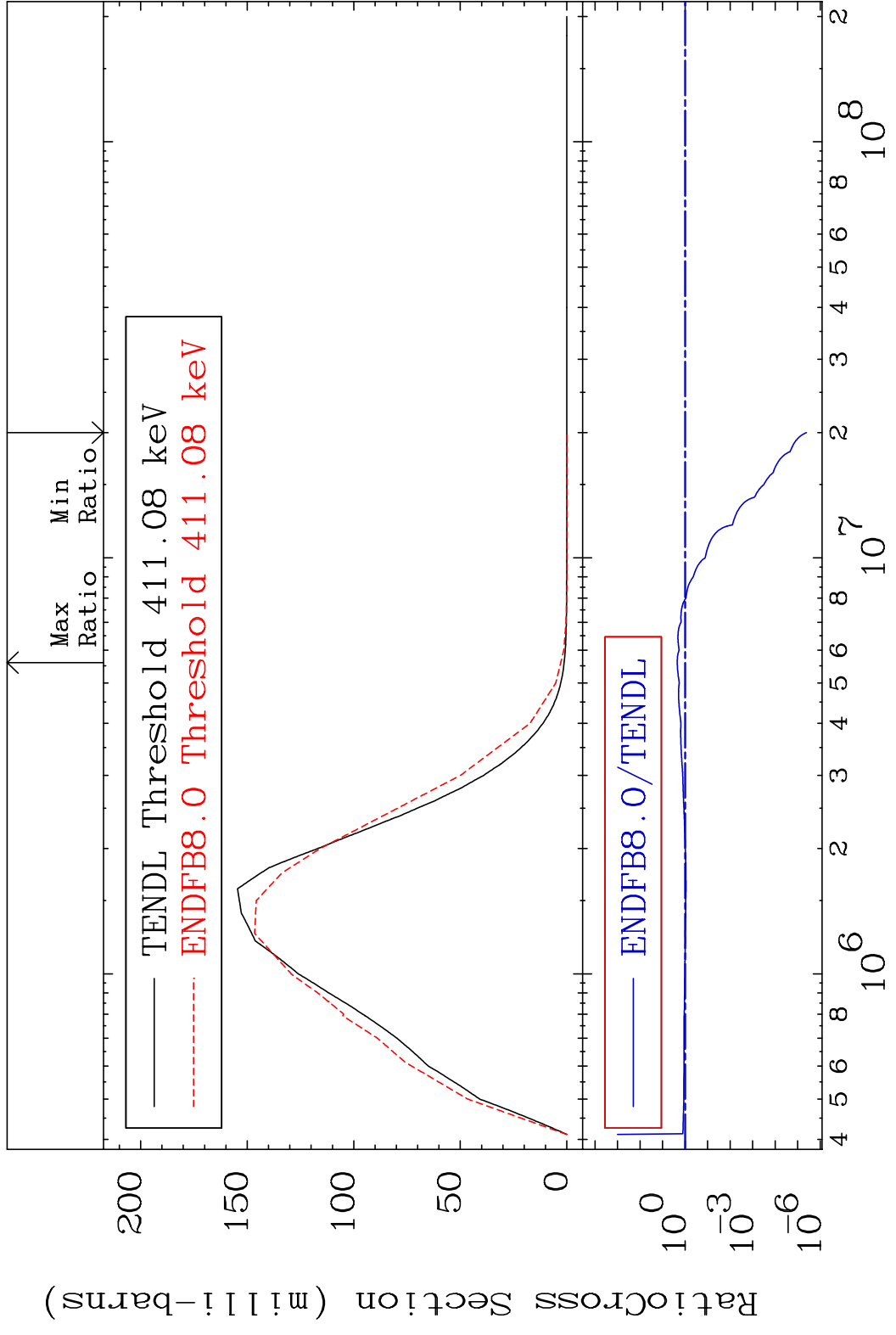
55-Cs-135

MAT 5531 MT= 51 (n,n') Level 55-Cs-135
 Cross Section -100.0 To 123.9 %

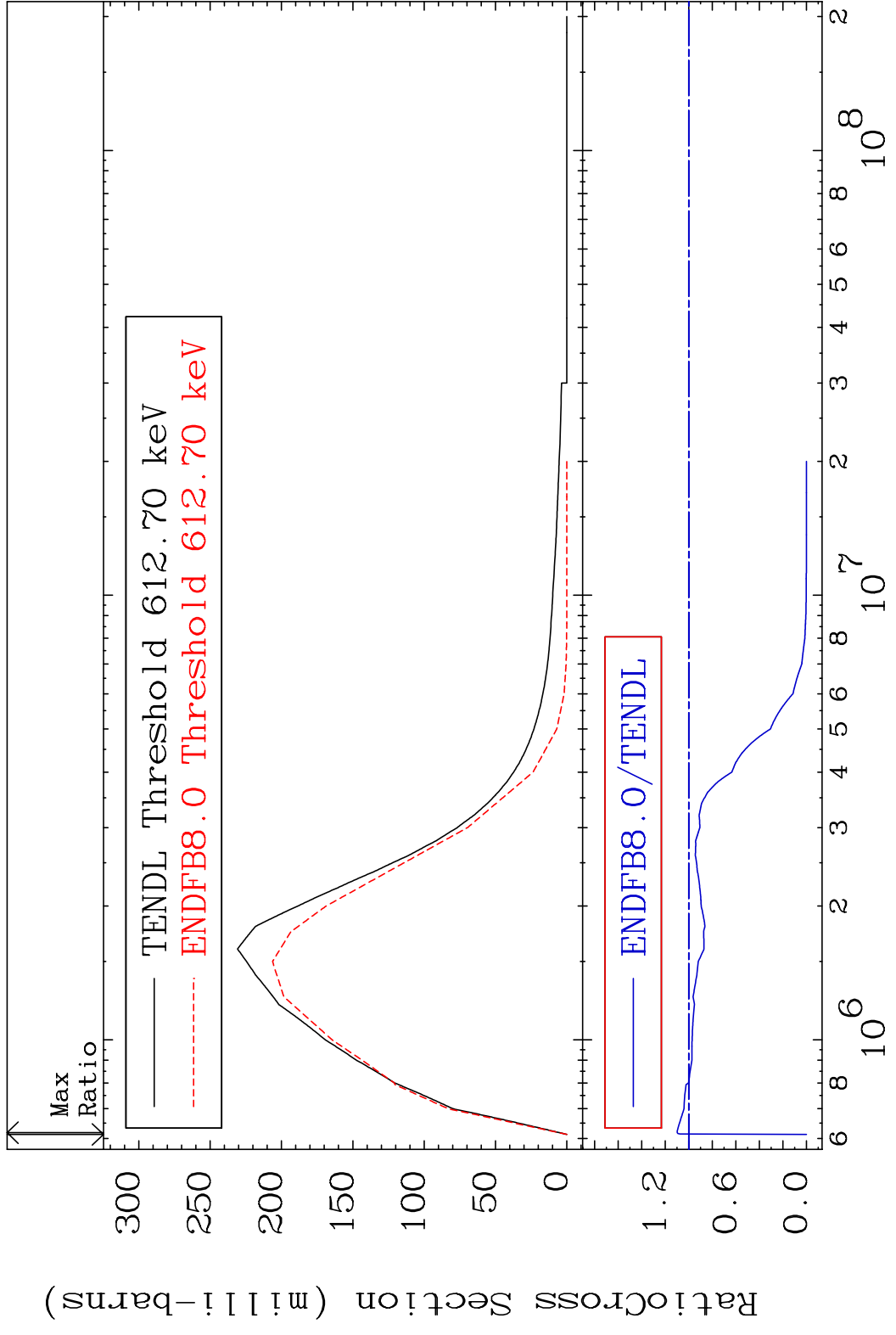


10 Incident Energy (eV) 55-Cs-135

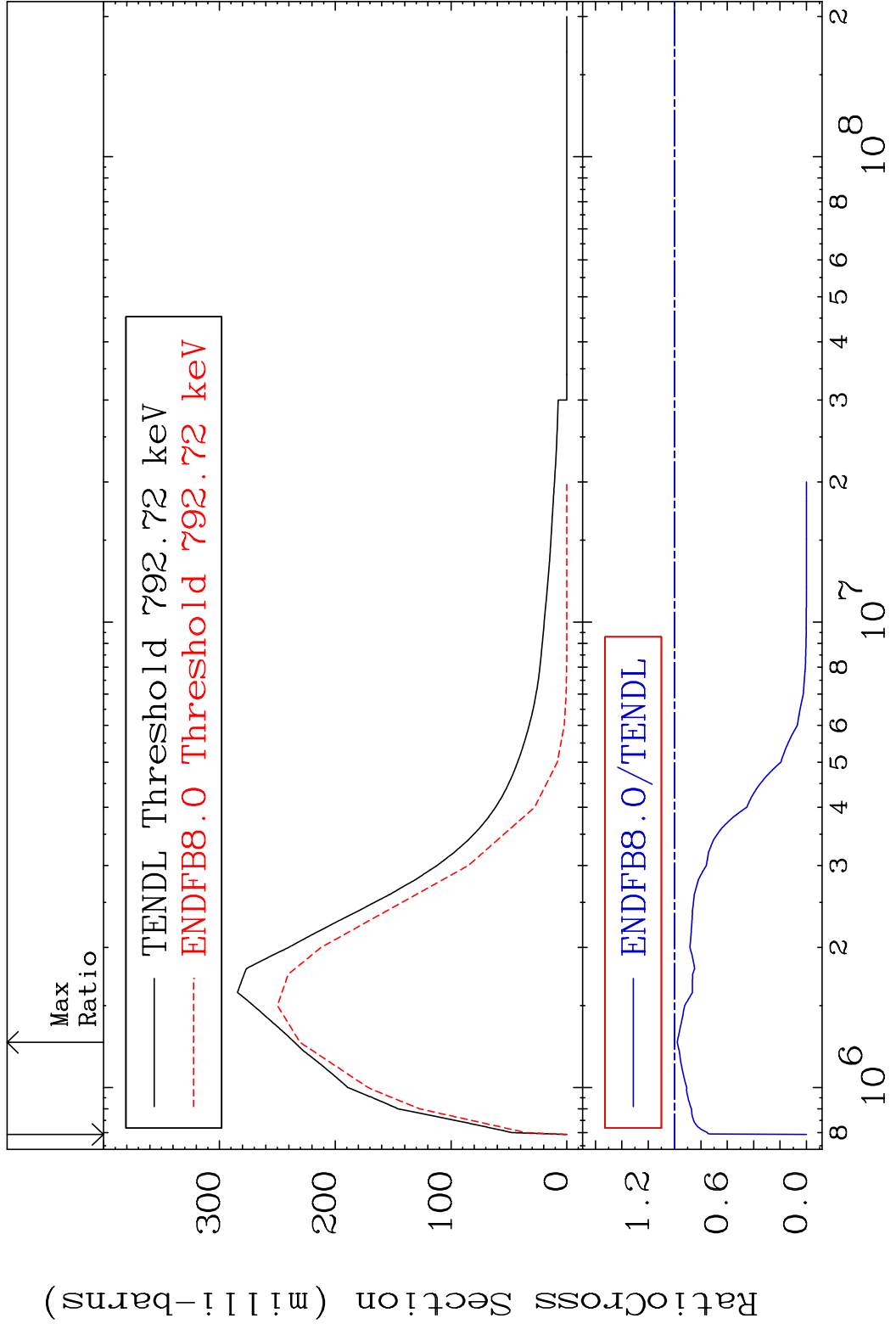
MAT 5531 MT= 52 (n, n') Level 55-Cs-135
 Cross Section -100.0 To 125.1 %



MAT 5531 MT= 53 (n,n') Level 55-Cs-135
 Cross Section -100.0 To 9.864 %



MAT 5531 MT= 54 (n,n') Level 55-Cs-135
 Cross Section -100.0 To -2.001%

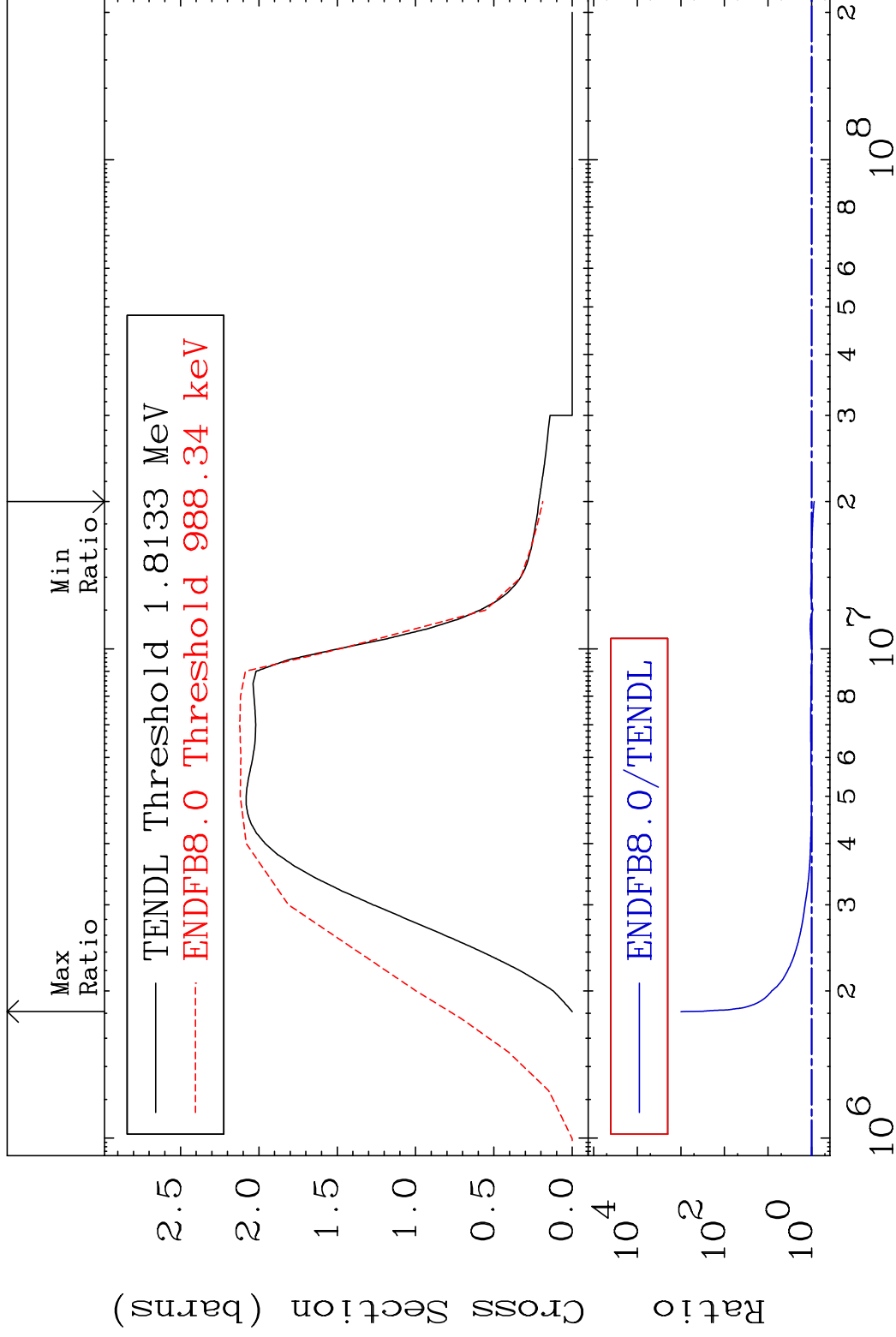


MAT 5531

(n, n') Continuum

55-Cs-135

Cross Section -11.96 To 9999. %



14

Incident Energy (eV)

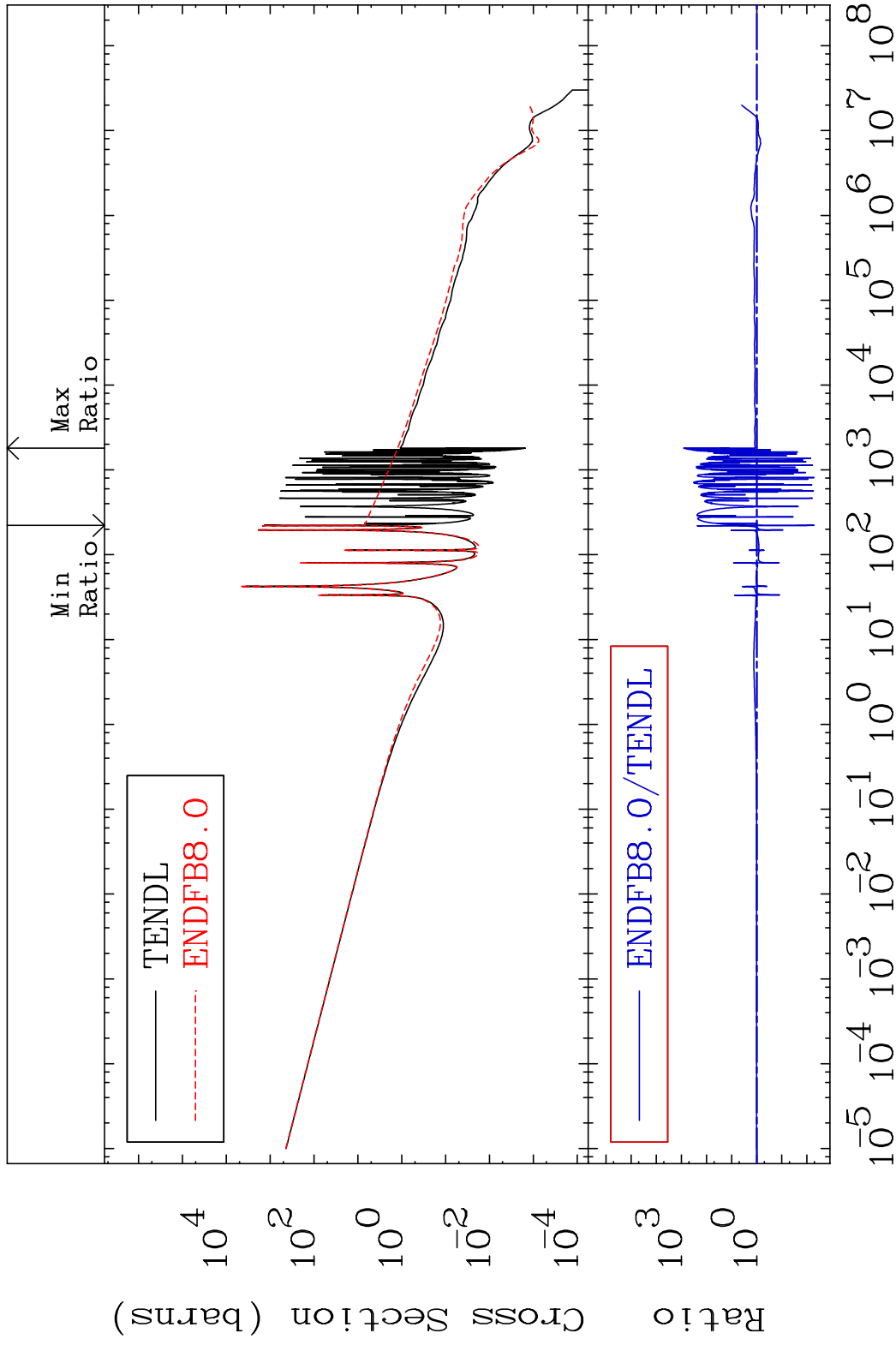
55-Cs-135

MAT 5531

(n, γ)

55-Cs-135

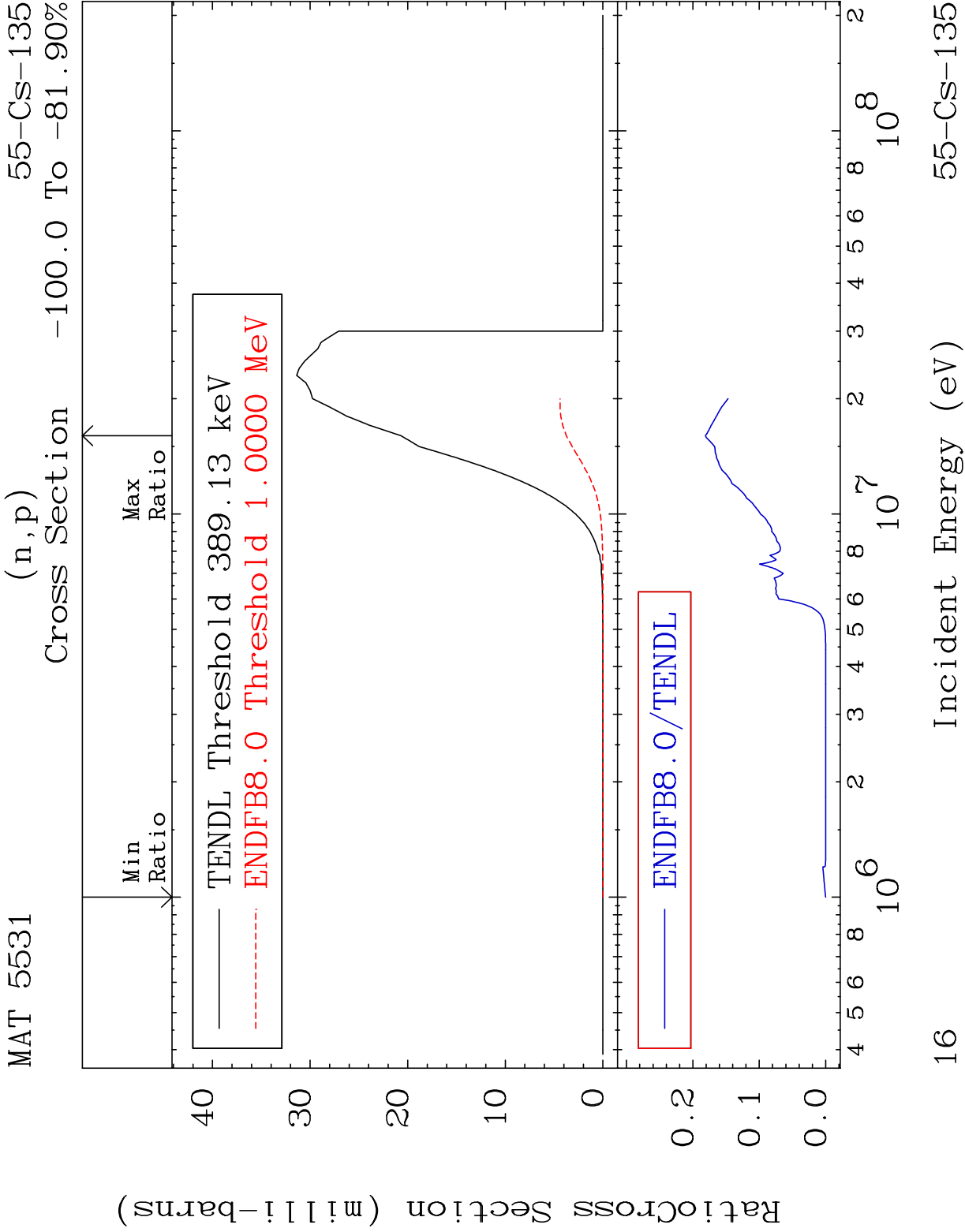
Cross Section -99.48 To 9999. %



15

Incident Energy (eV)

55-Cs-135

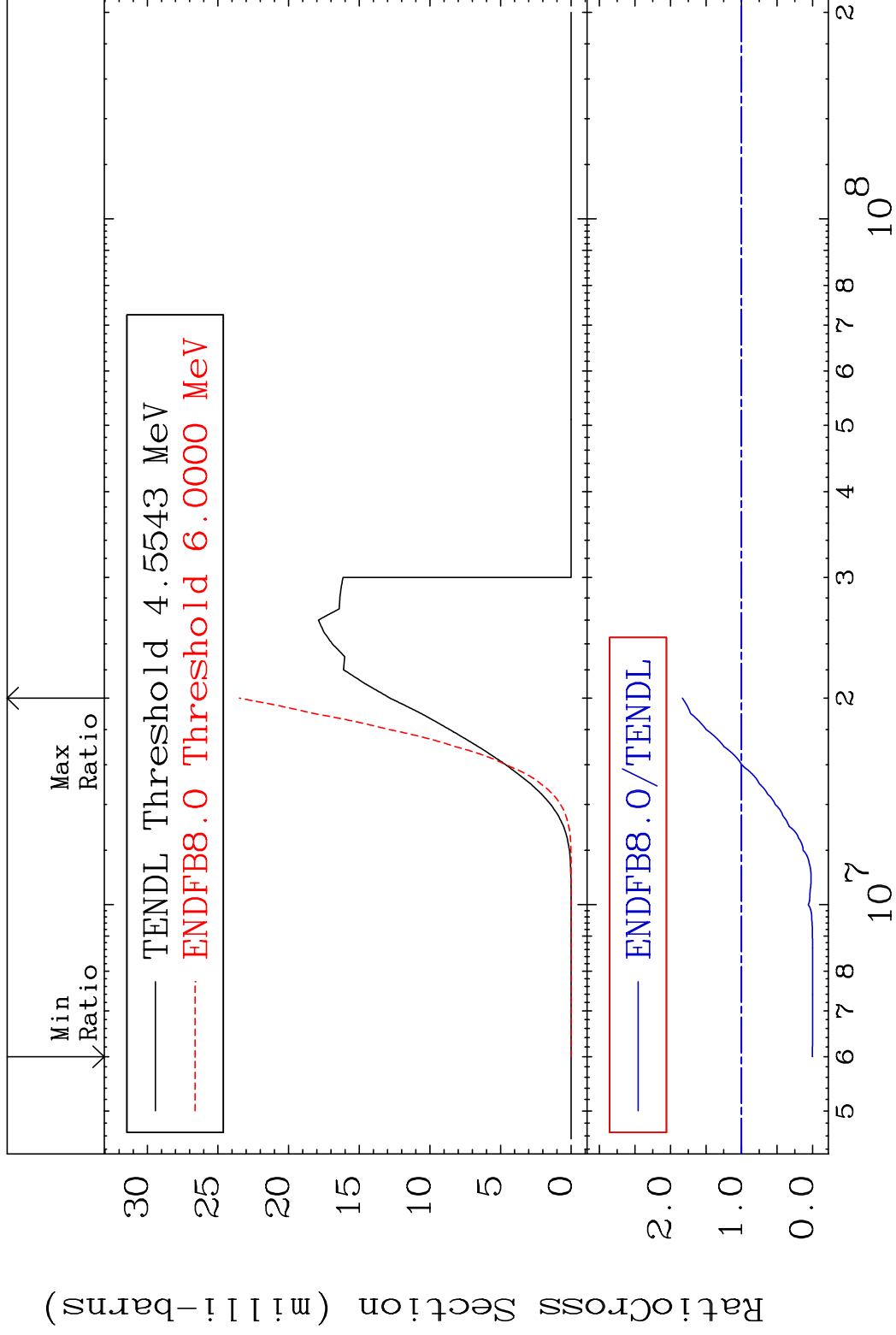


MAT 5531

(n,d)

55-Cs-135

Cross Section -100.0 To 83.30 %

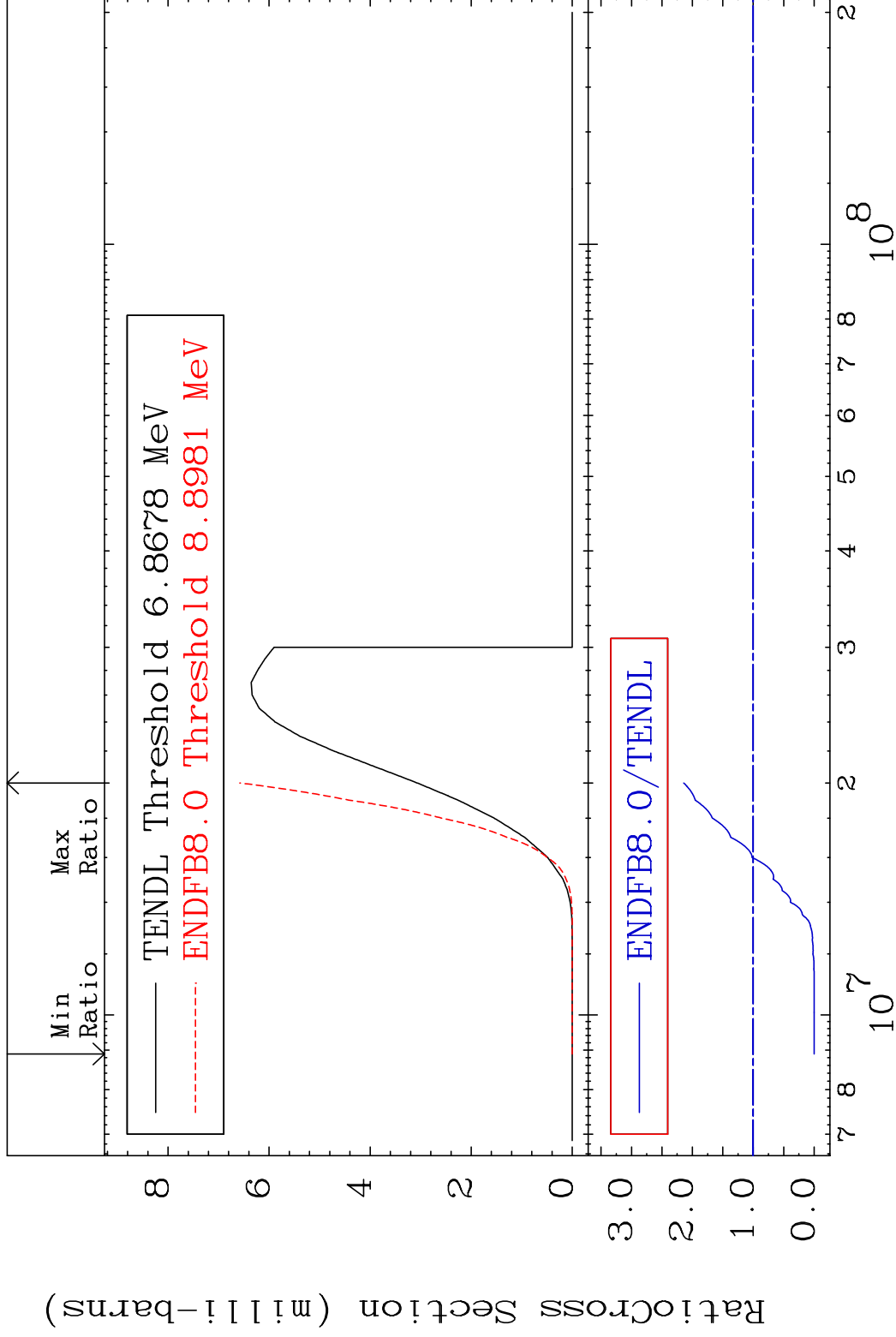


MAT 5531

(n, t)

55-Cs-135

Cross Section -100.0 To 114.3 %

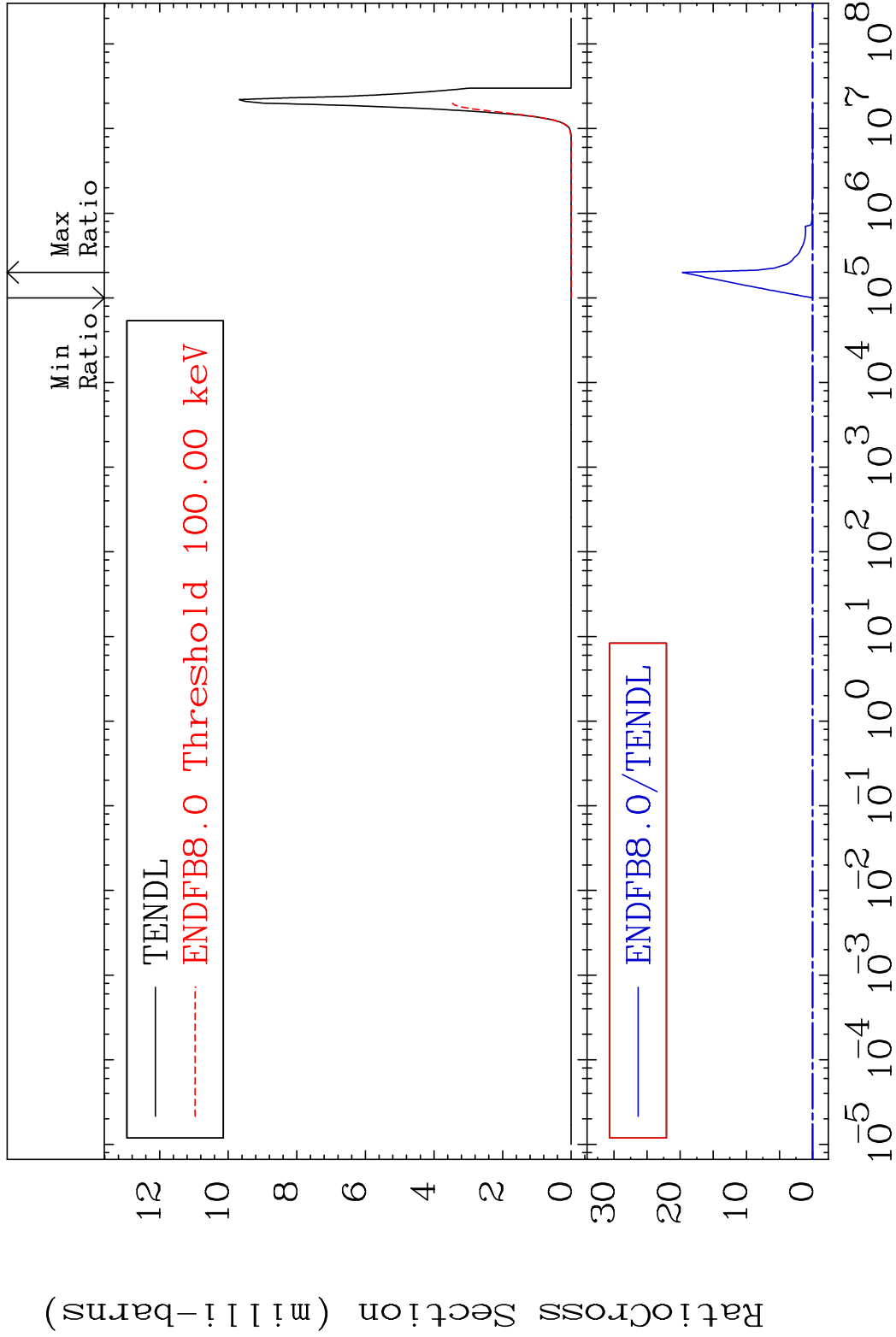


MAT 5531

(n, α)

55-Cs-135

Cross Section -100.0 To 9999. %

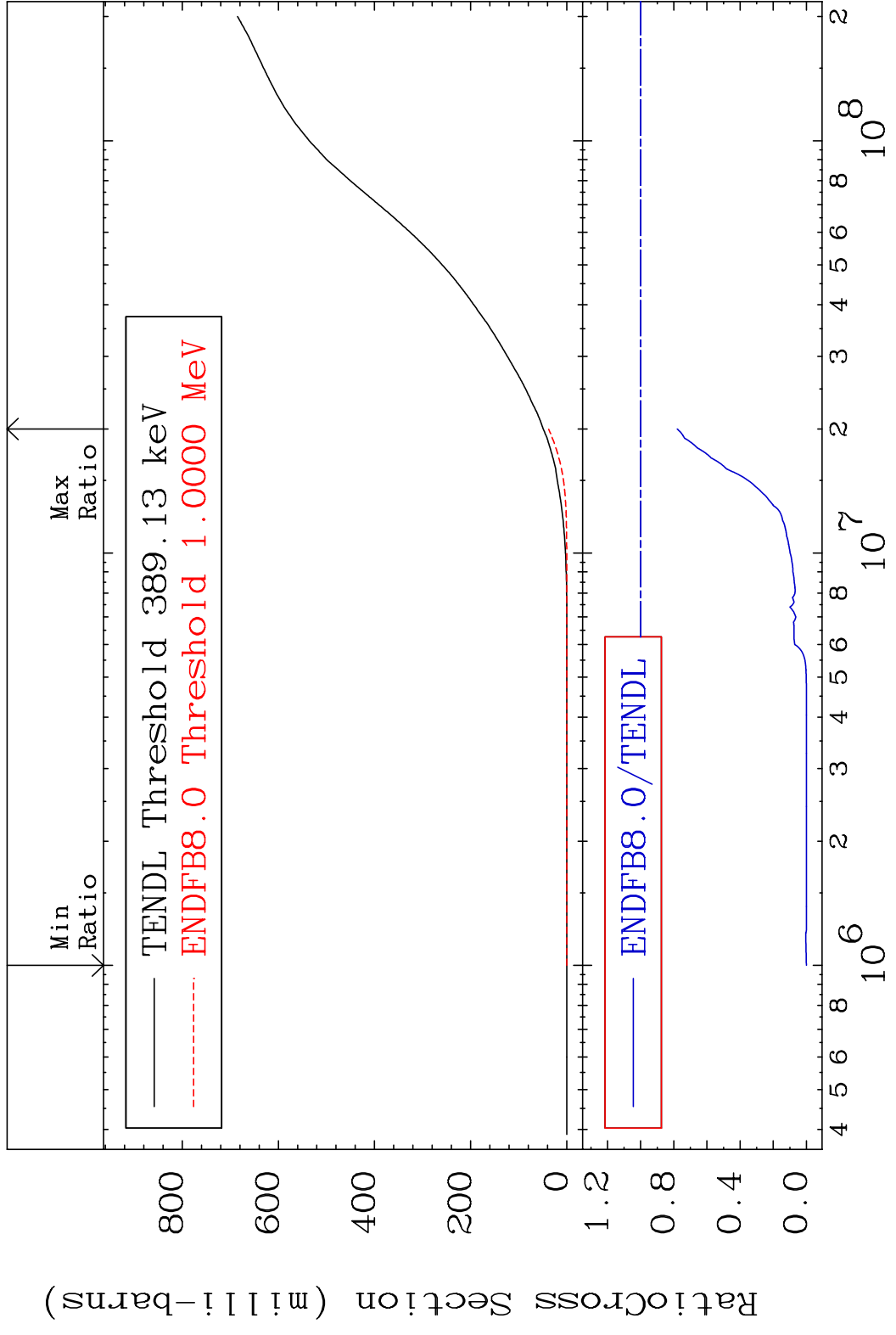


19

Incident Energy (eV)

55-Cs-135

MAT 5531 Hydrogen Production 55-Cs-135
 Cross Section -100.0 To -22.05%

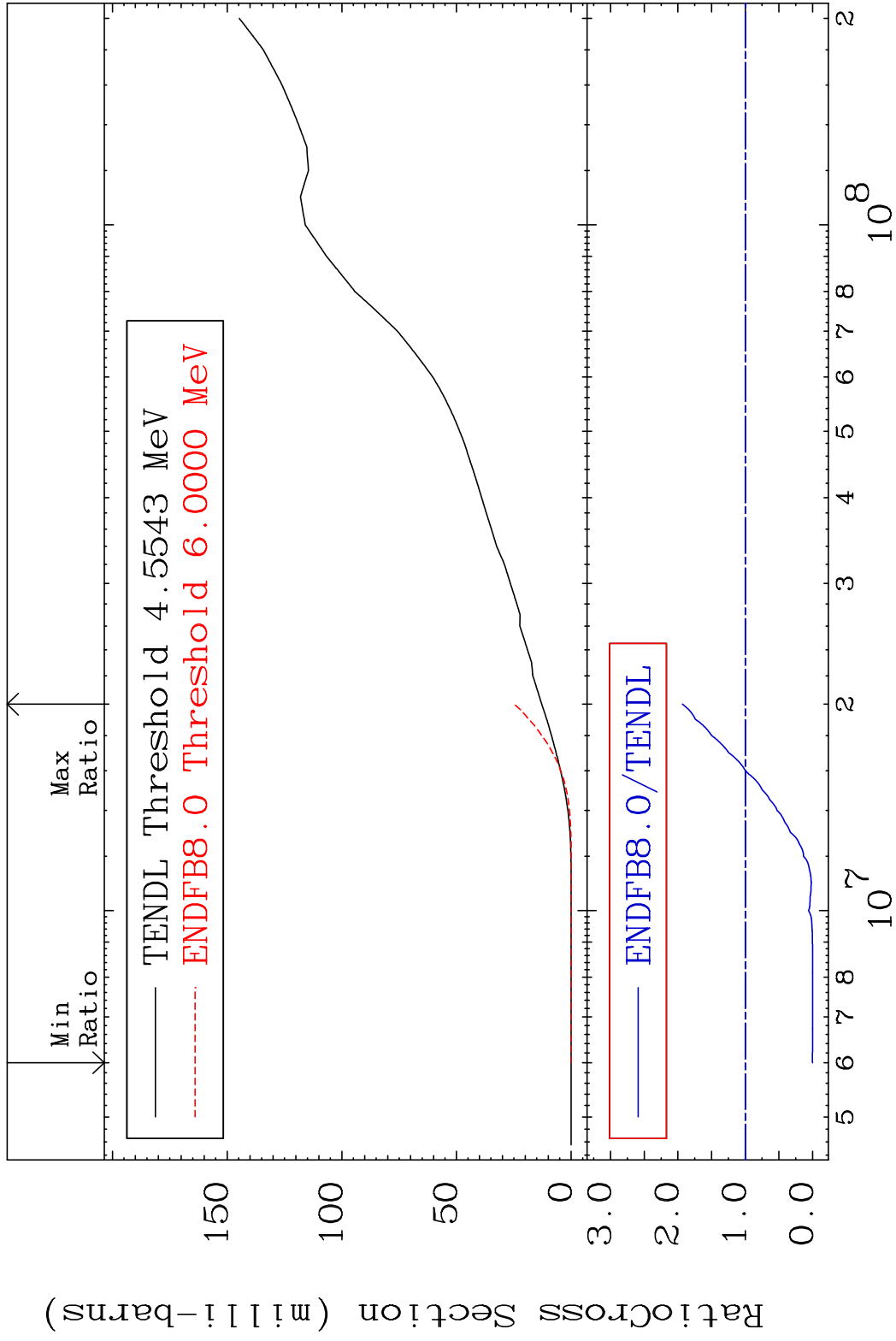


MAT 5531

Deuterium Production

55-Cs-135

Cross Section -100.0 To 93.42 %



21

Incident Energy (eV)

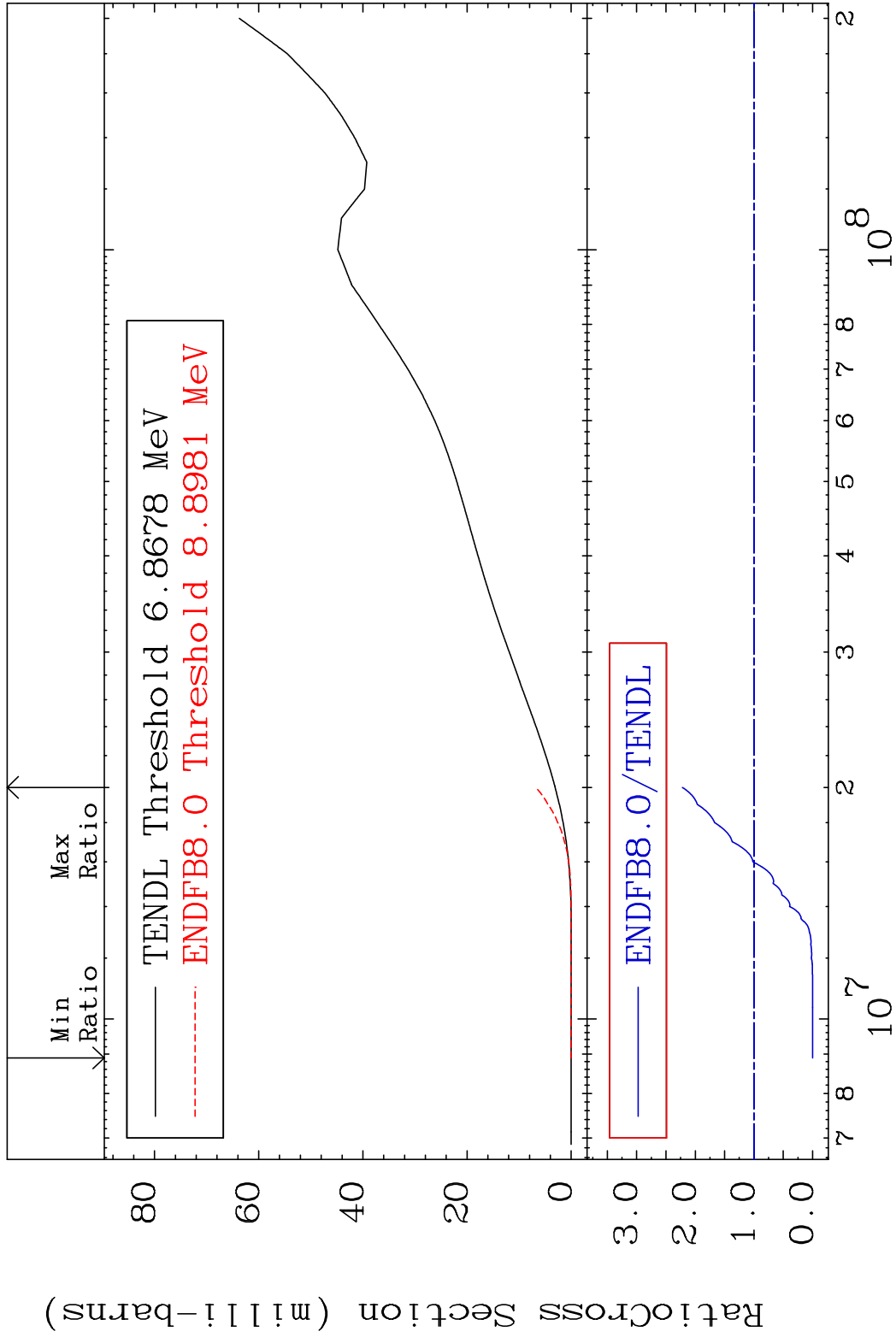
55-Cs-135

MAT 5531

Tritium Production

55-Cs-135

Cross Section -100.0 To 122.1 %

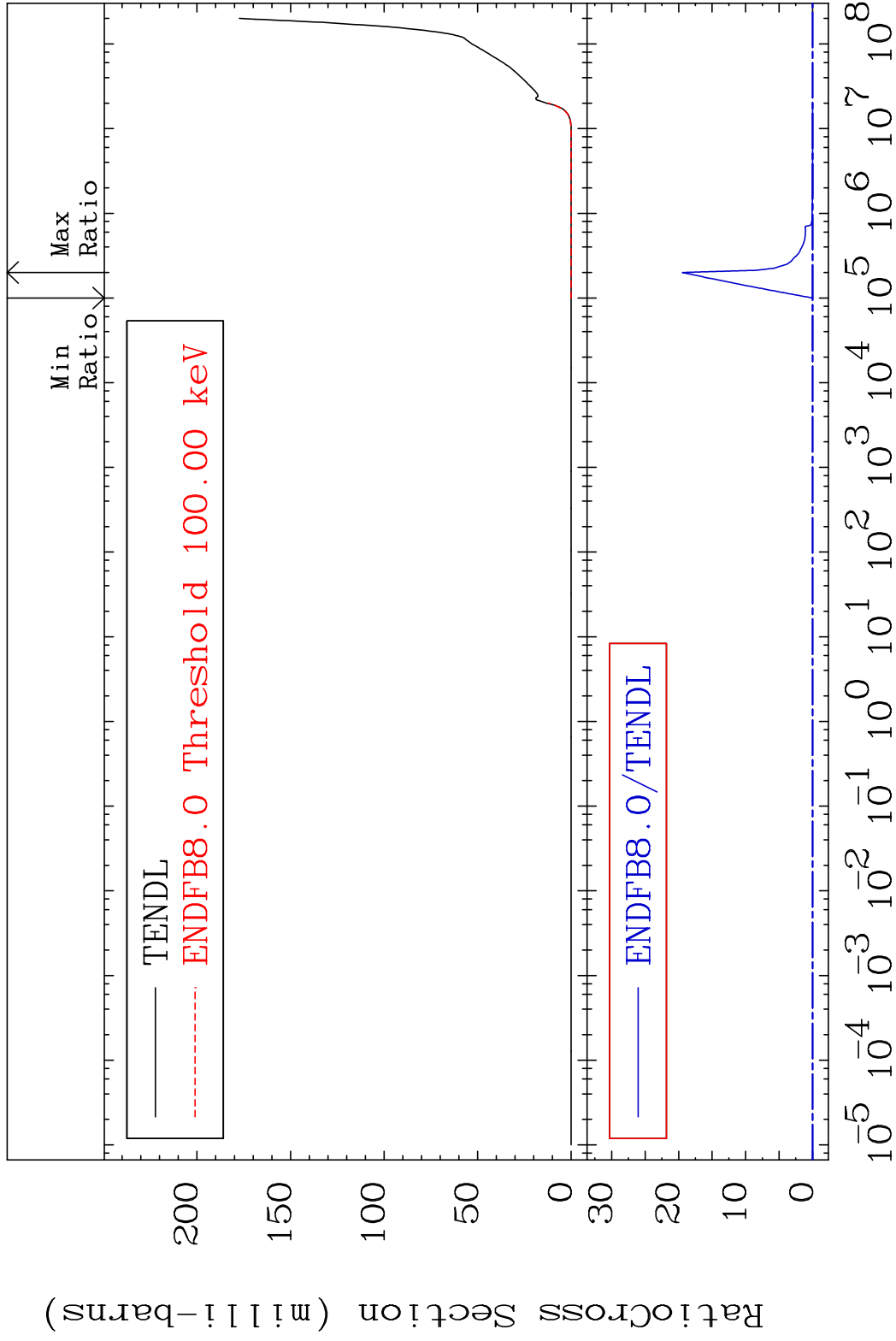


MAT 5531

He-4 Production

55-Cs-135

Cross Section -100.0 To 9999. %

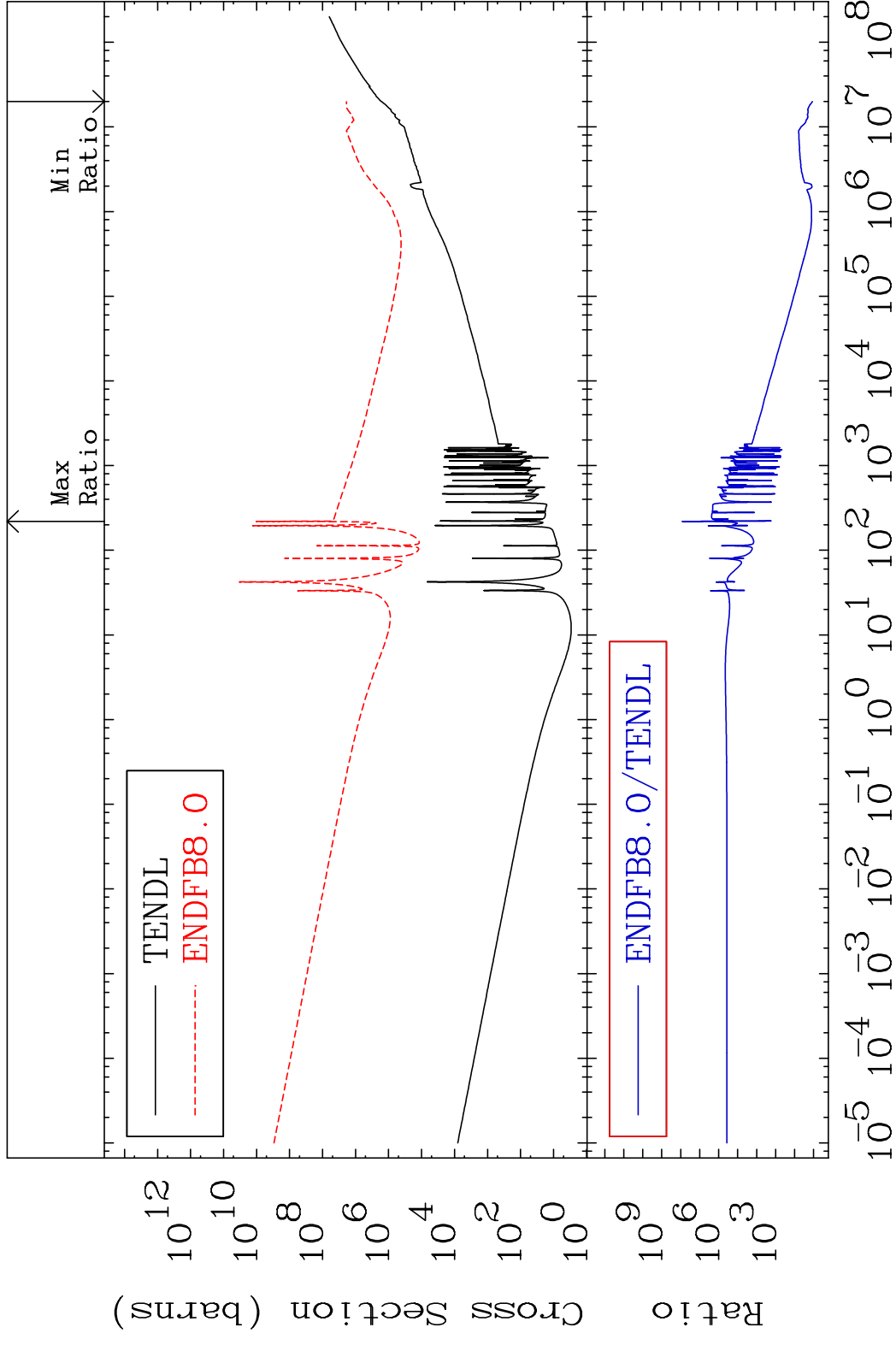


23

Incident Energy (eV)

55-Cs-135

MAT 5531 Kerma total (eV-barns) 55-Cs-135
 Cross Section 1034. To 9999. %



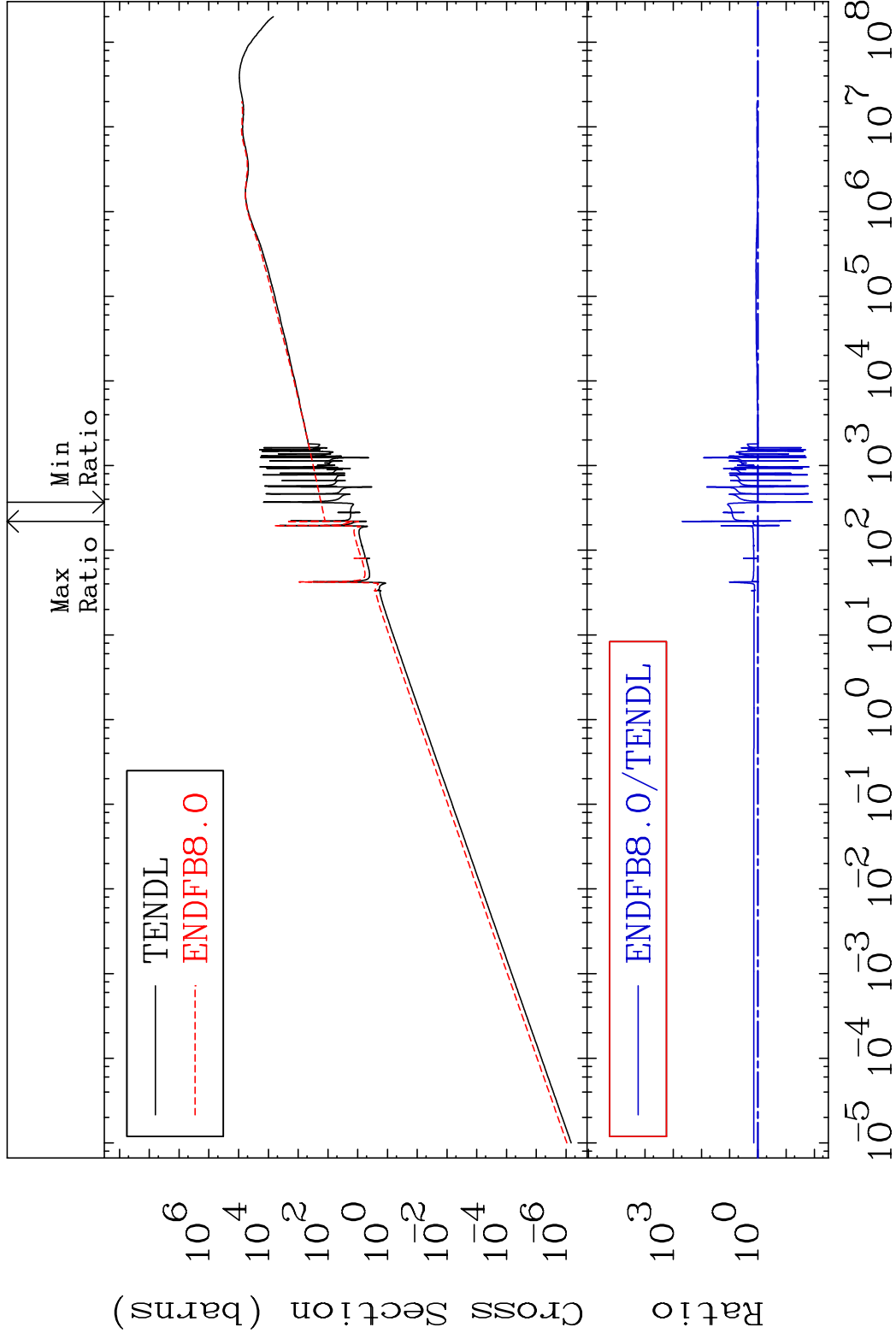
MAT 5531

Kerma elastic

55-Cs-135

Cross Section

-98.83 To 9999. %

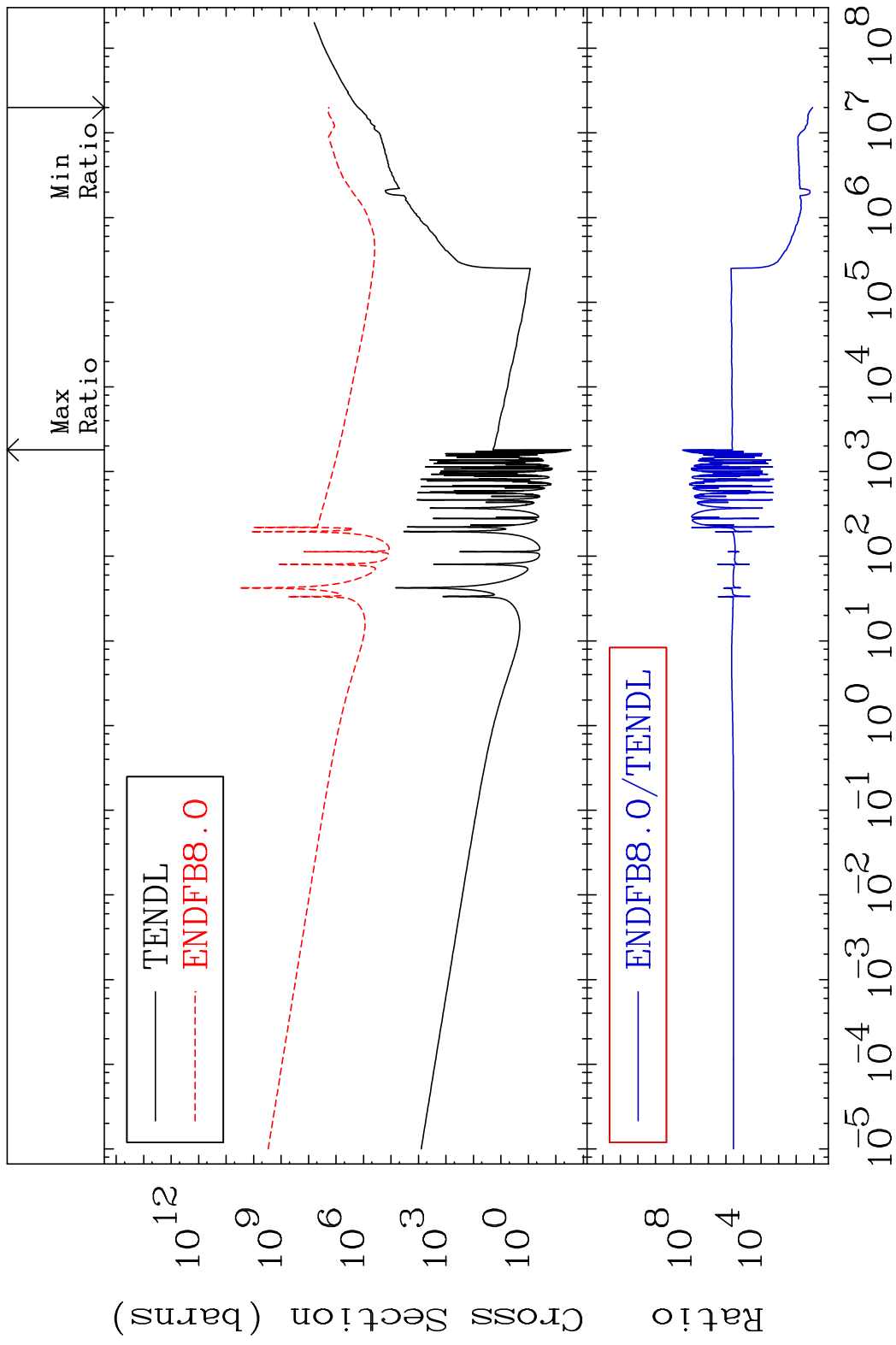


25

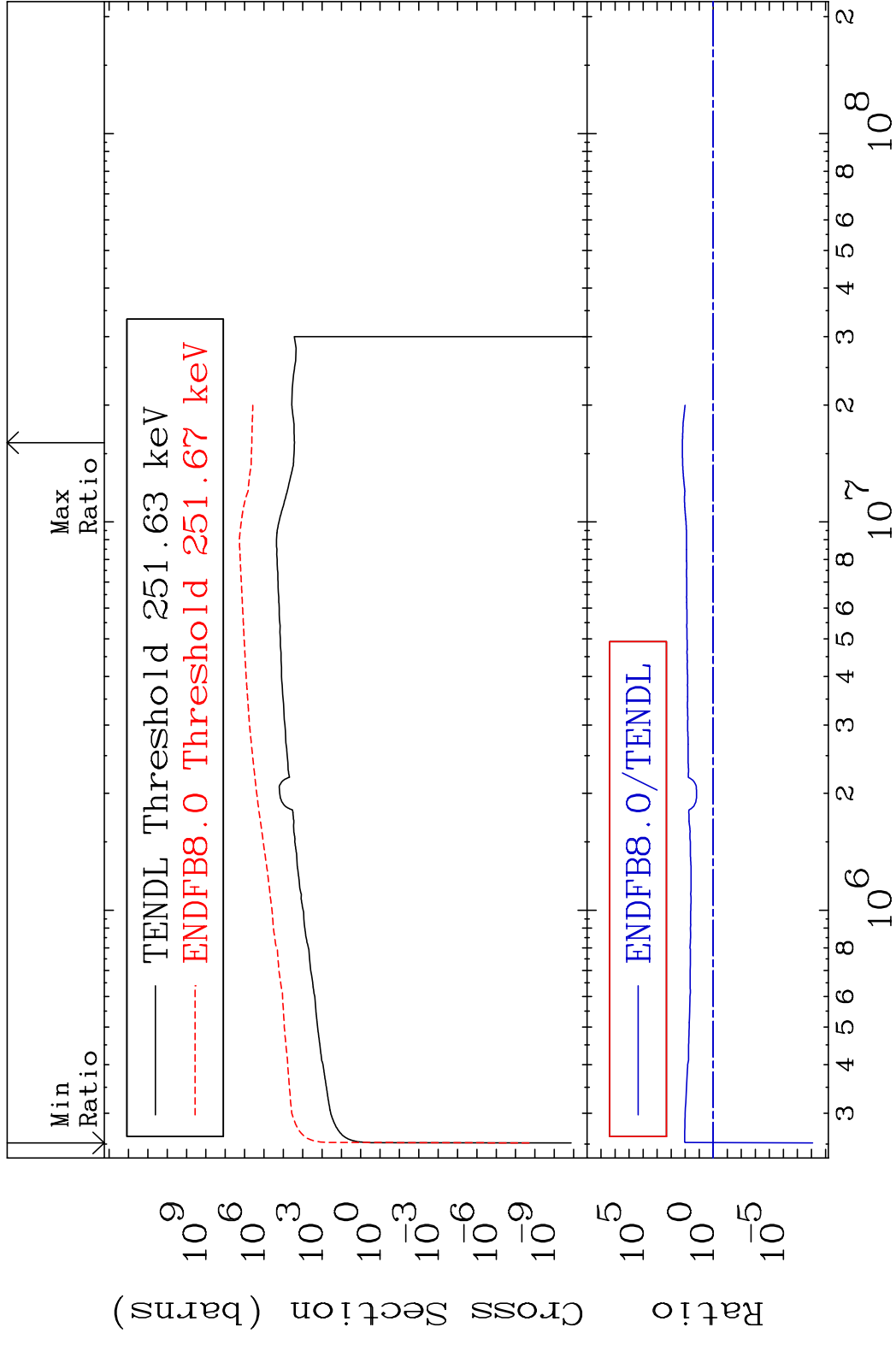
Incident Energy (eV)

55-Cs-135

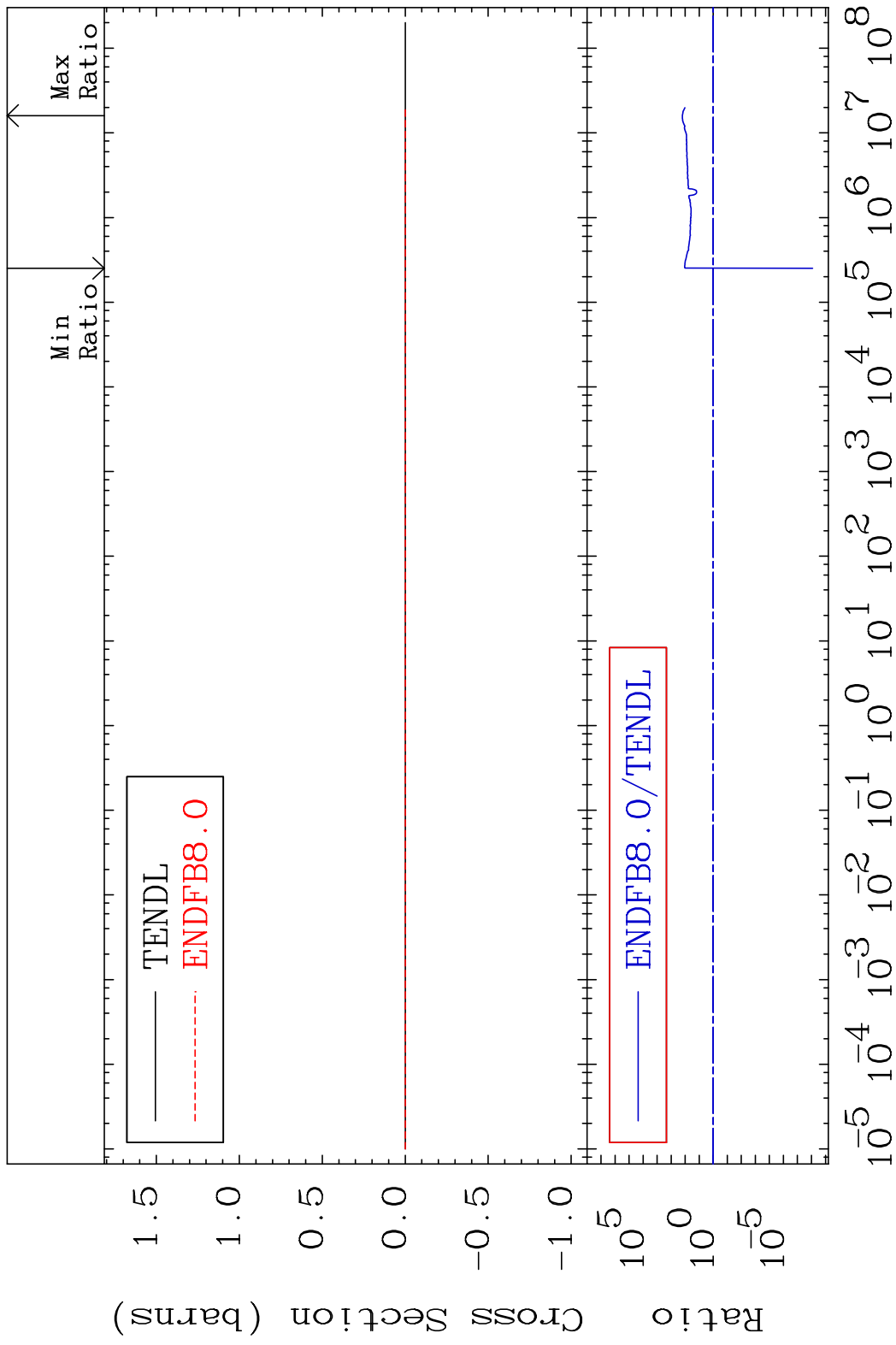
MAT 5531 Kerma non-elastic (all but mt2) 55-Cs-135
 Cross Section 1081. To 9999. %



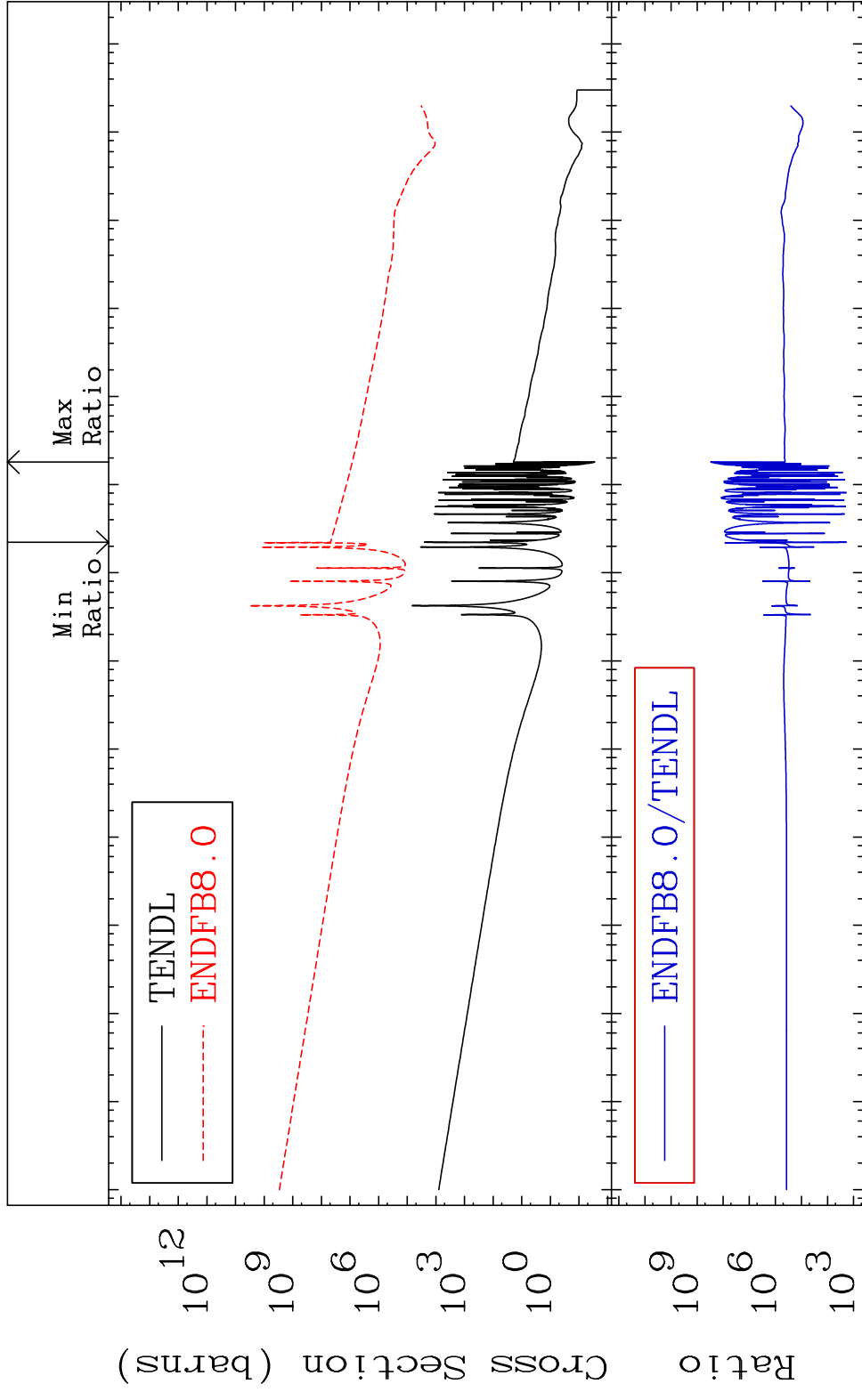
MAT 5531 Kerma inelastic (mt51-91) 55-Cs-135
 Cross Section -100.0 To 9999. %



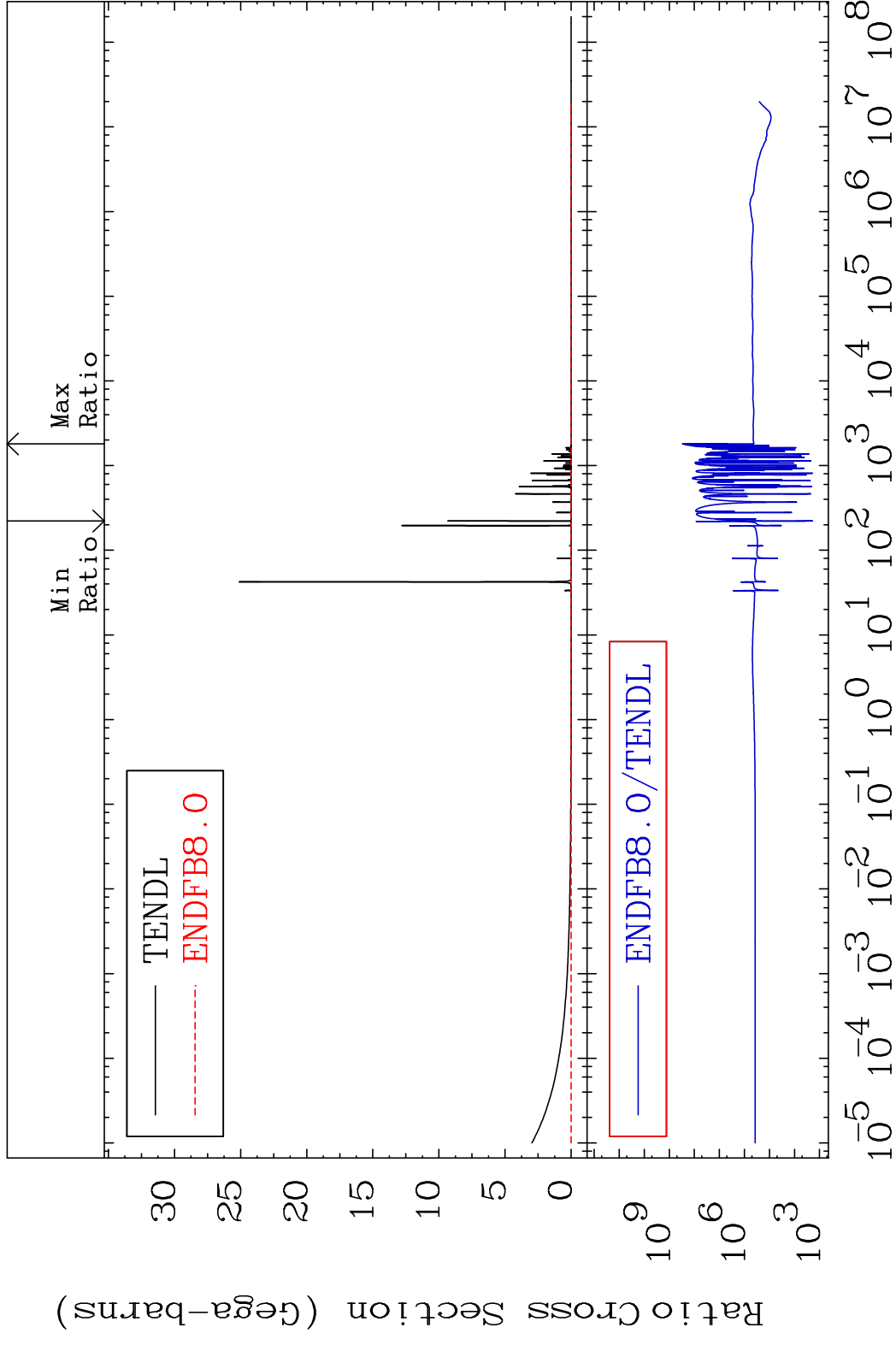
MAT 5531 Kerma fission (mt18 or mt19-20-21-38) 55-Cs-135
 Cross Section -100.0 To 9999. %



MAT 5531 Kerma capture (mt102) 55-Cs-135
 Cross Section 9999. To 9999. %

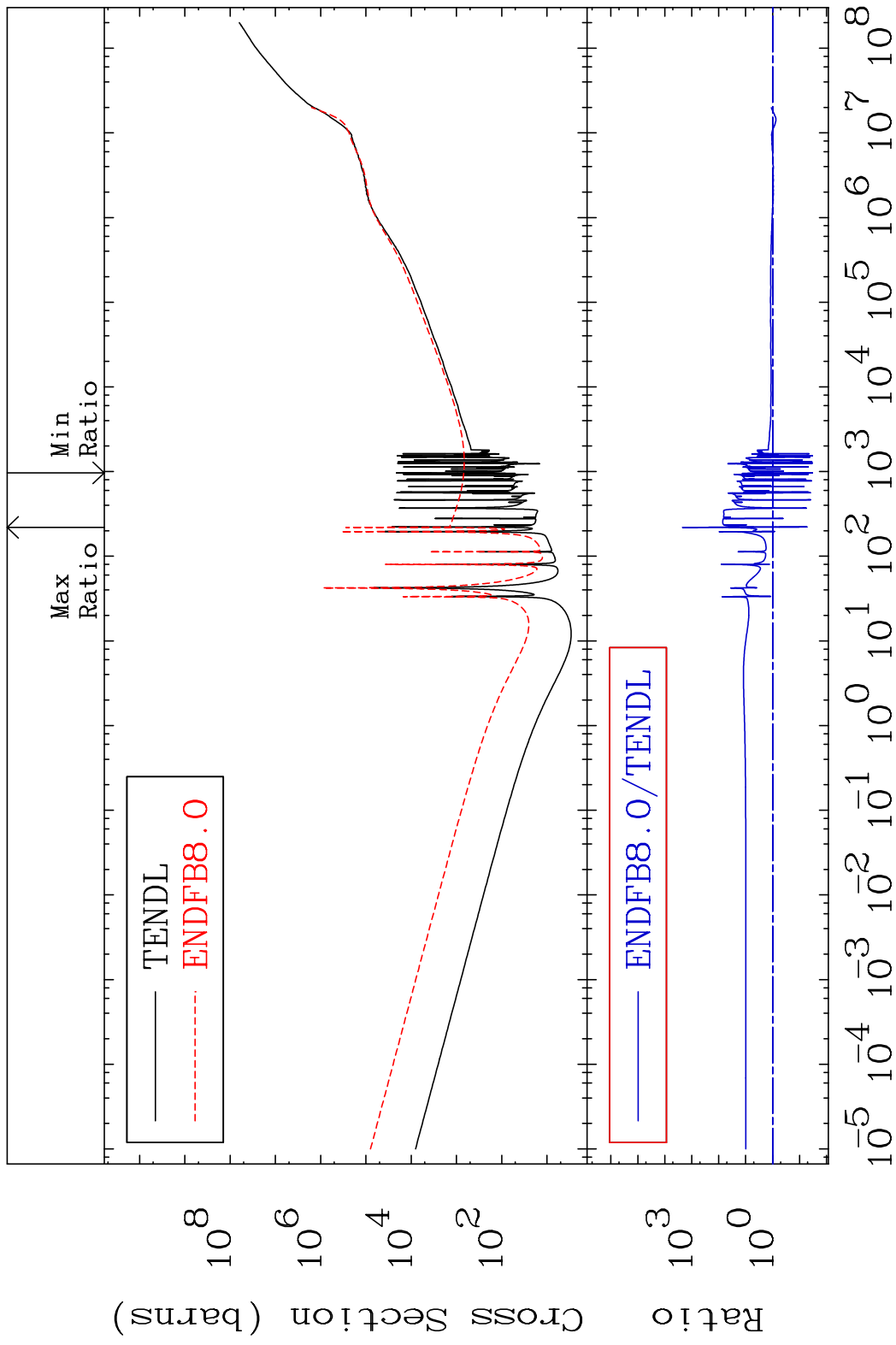


MAT 5531 Total photon (eV-barns) 55-Cs-135
 Cross Section 9999. To 9999. %



30 Incident Energy (eV) 55-Cs-135

MAT 5531 Total kinematic kerma (high limit) 55-Cs-135
 Cross Section -96.71 To 9999. %

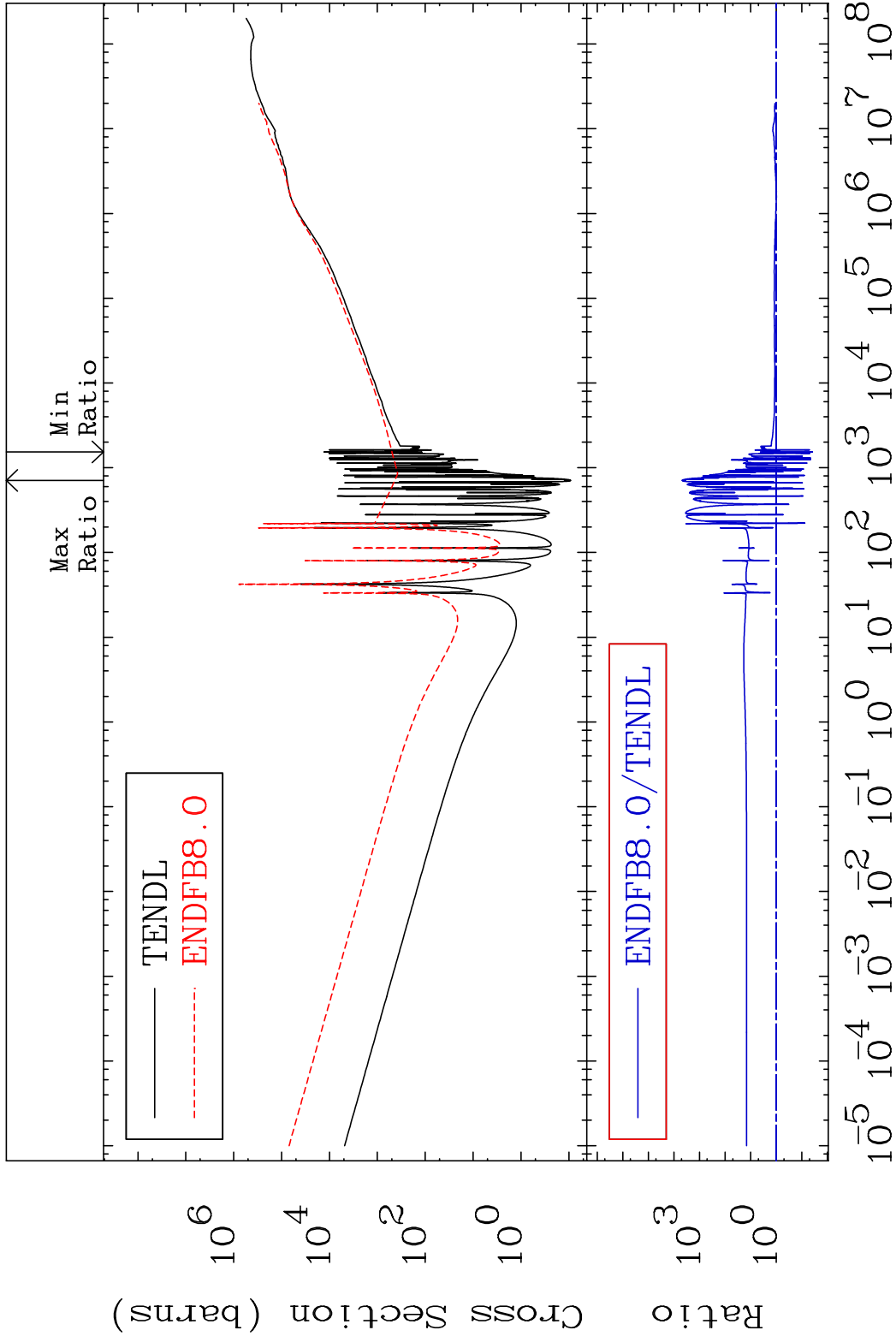


MAT 5531

Dpa total (eV-barns)

55-Cs-135

Cross Section -96.18 To 9999. %



32

Incident Energy (eV)

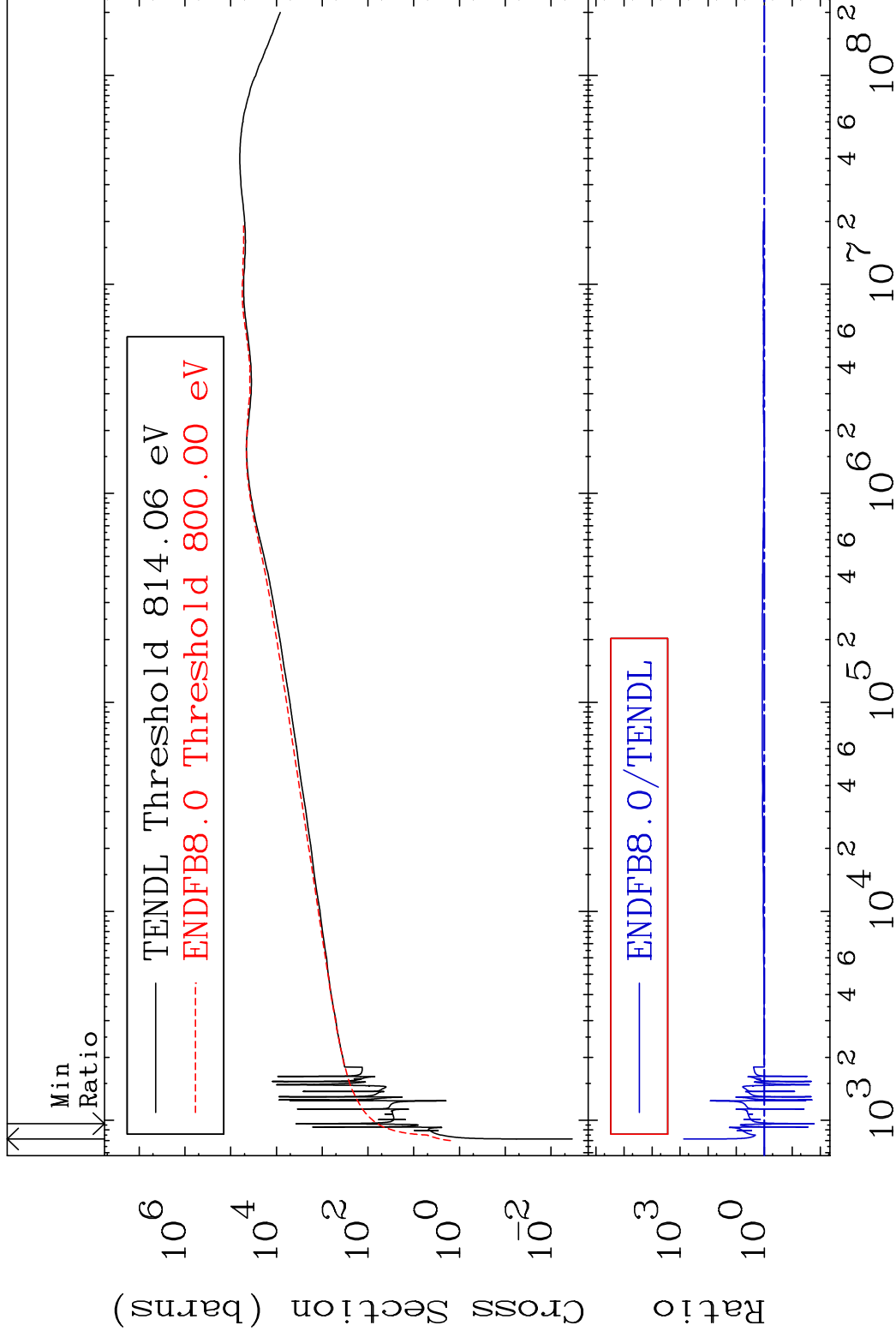
55-Cs-135

MAT 5531

Dpa elastic (mt2)

55-Cs-135

Cross Section -98.33 To 9999. %

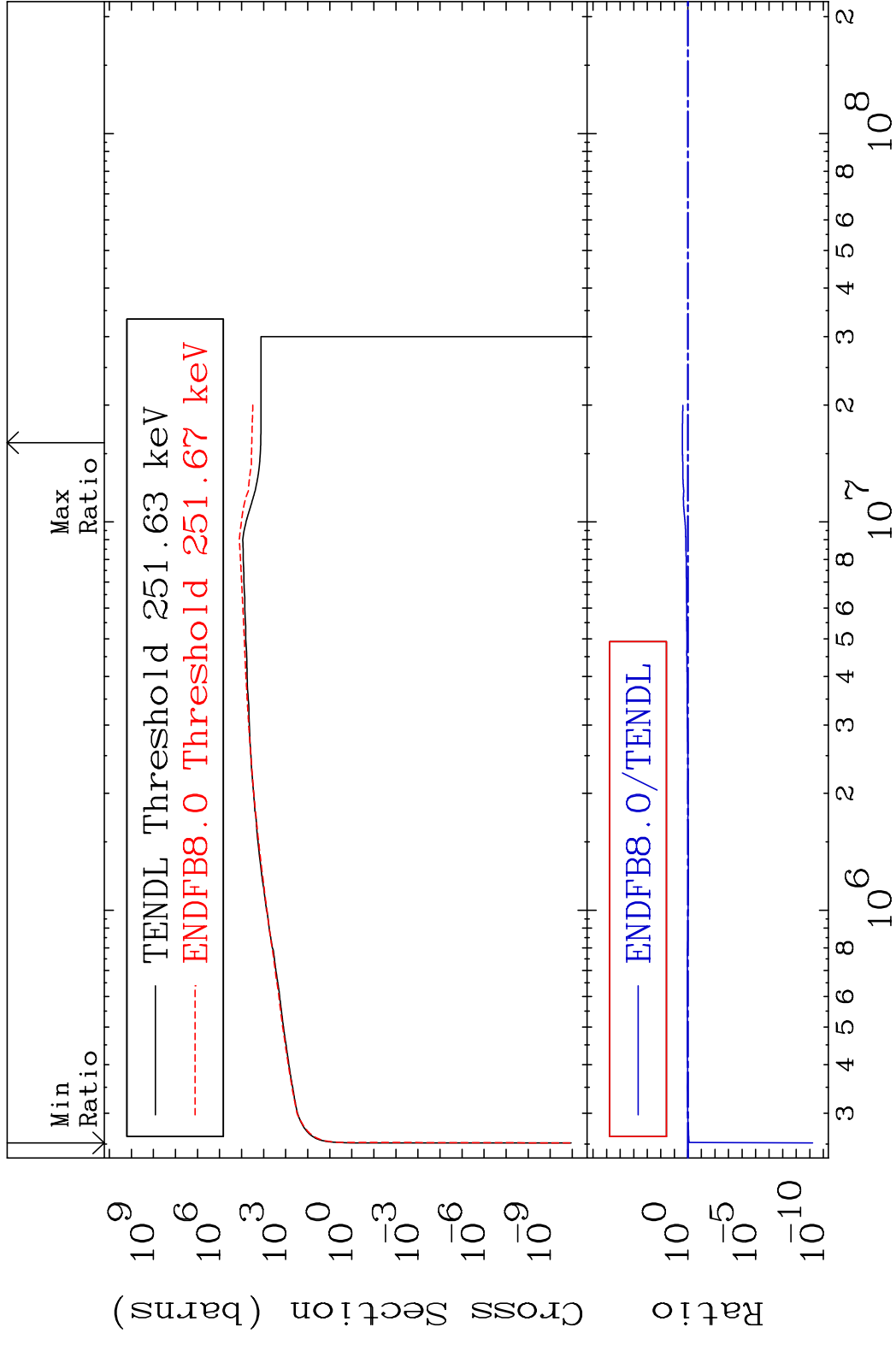


33

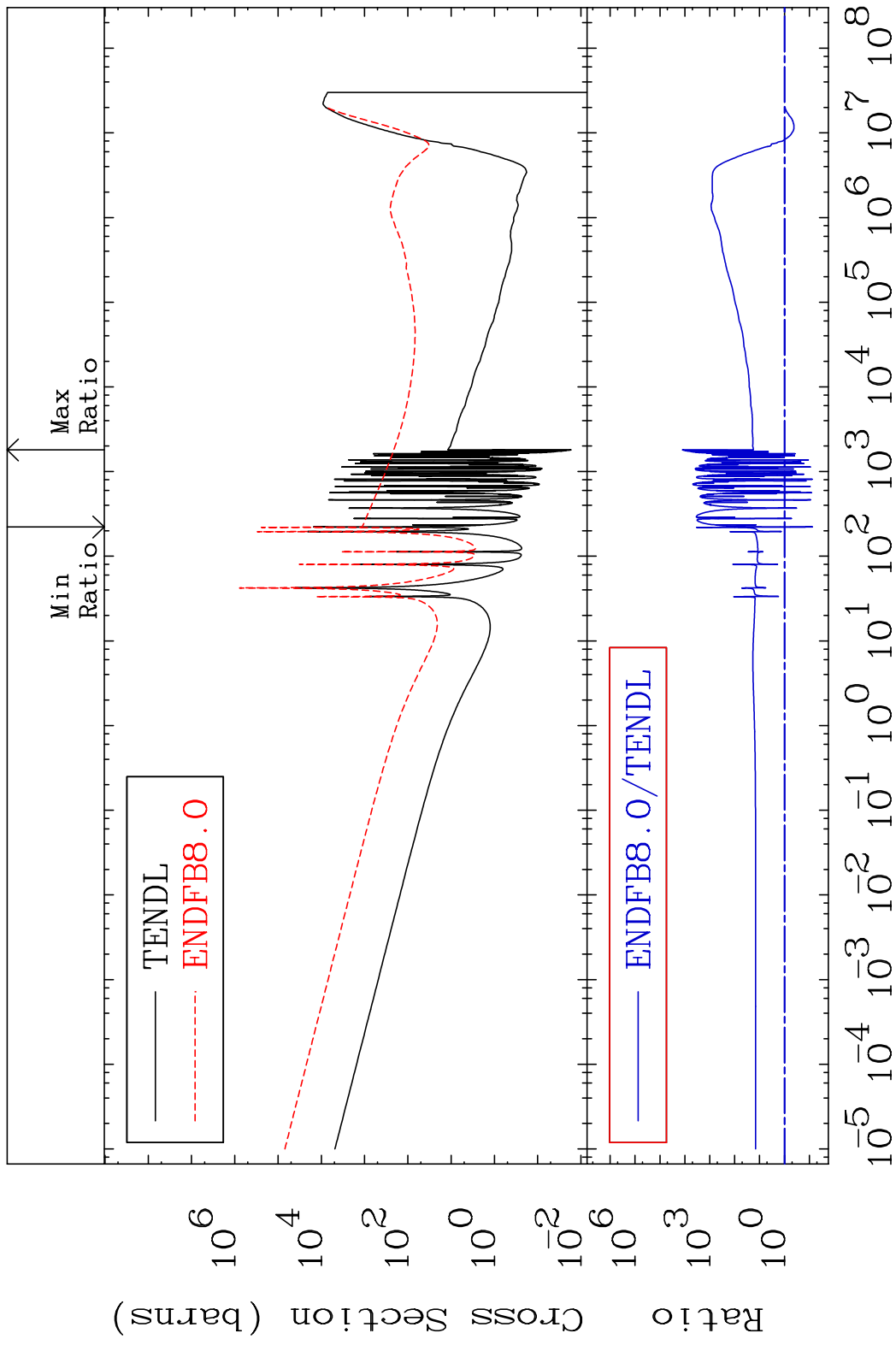
Incident Energy (eV)

55-Cs-135

MAT 5531 Dpa inelastic (mt51-91) 55-Cs-135
 Cross Section -100.0 To 155.9 %



MAT 5531 Dpa disappearance (mt102 -120) 55-Cs-135
 Cross Section -92.53 To 9999. %



35 Incident Energy (eV) 55-Cs-135