

Program Complot
(Version 2021-1)

by

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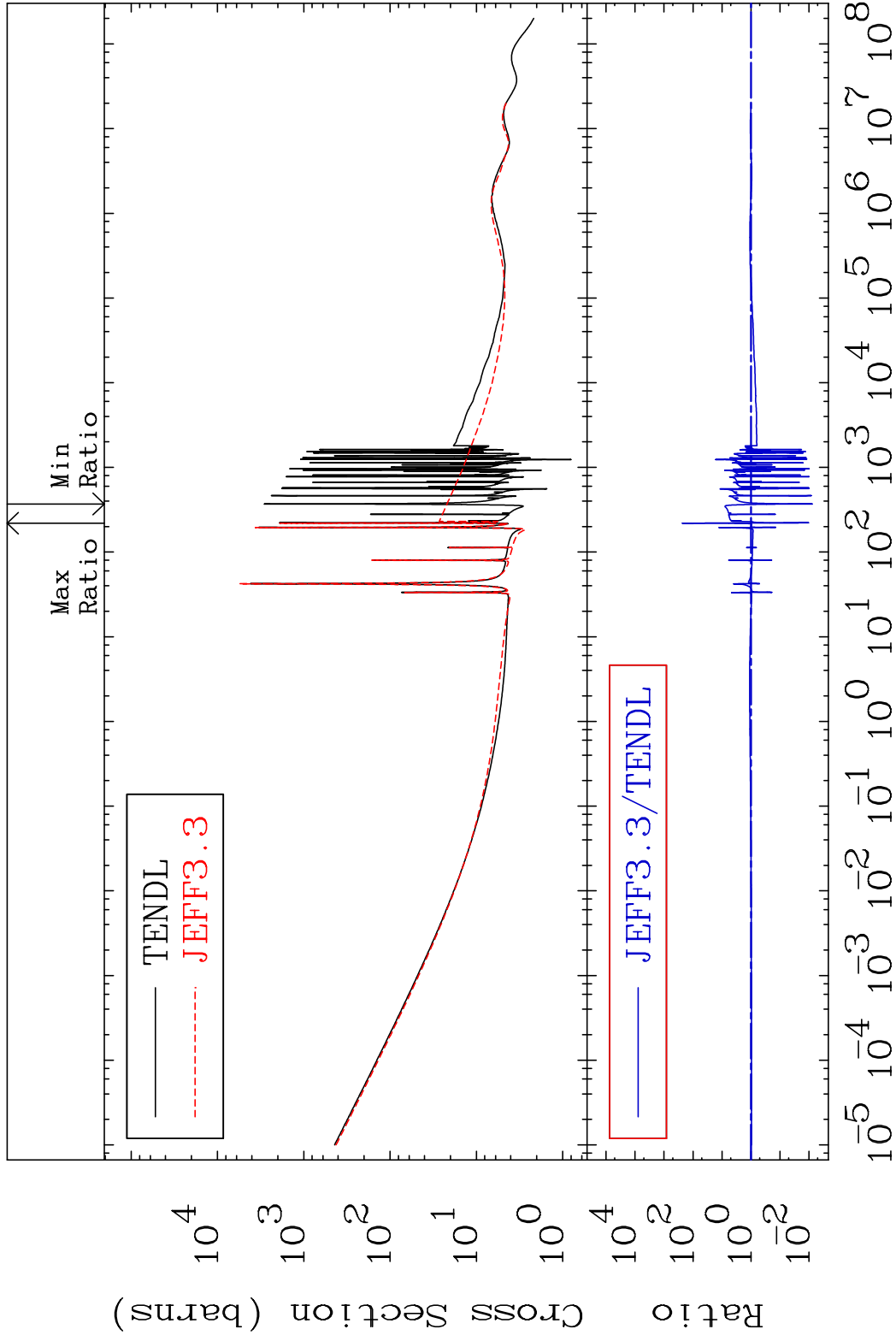
Press Mouse Button to Start

MAT 5531

Total

55-Cs-135

Cross Section -99.25 To 9999. %



1

Incident Energy (eV)

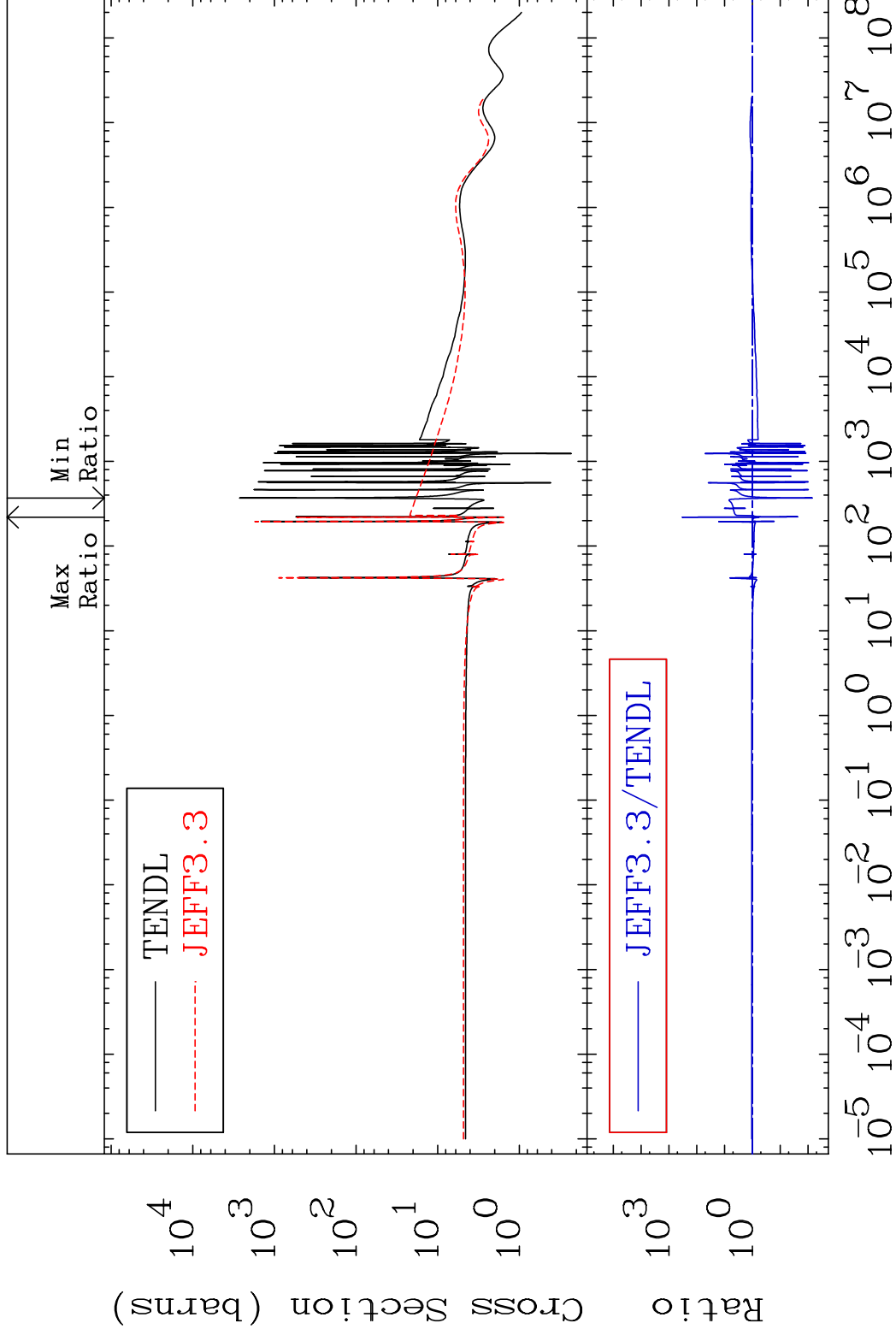
55-Cs-135

MAT 5531

Elastic

55-Cs-135

Cross Section -99.31 To 9999. %

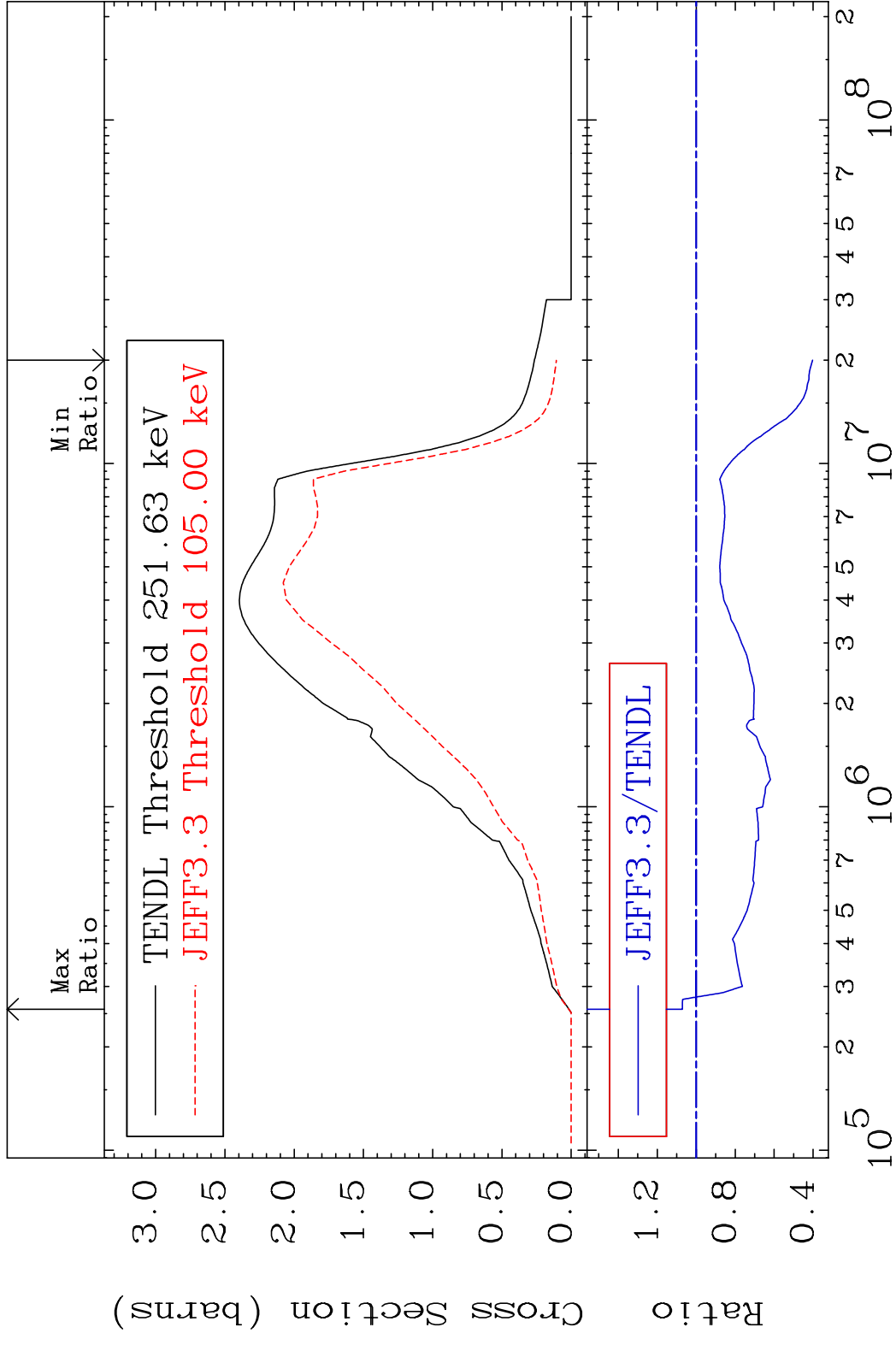


2

Incident Energy (eV)

55-Cs-135

MAT 5531 Inelastic 55-Cs-135
 Cross Section -59.69 To 7.101 %



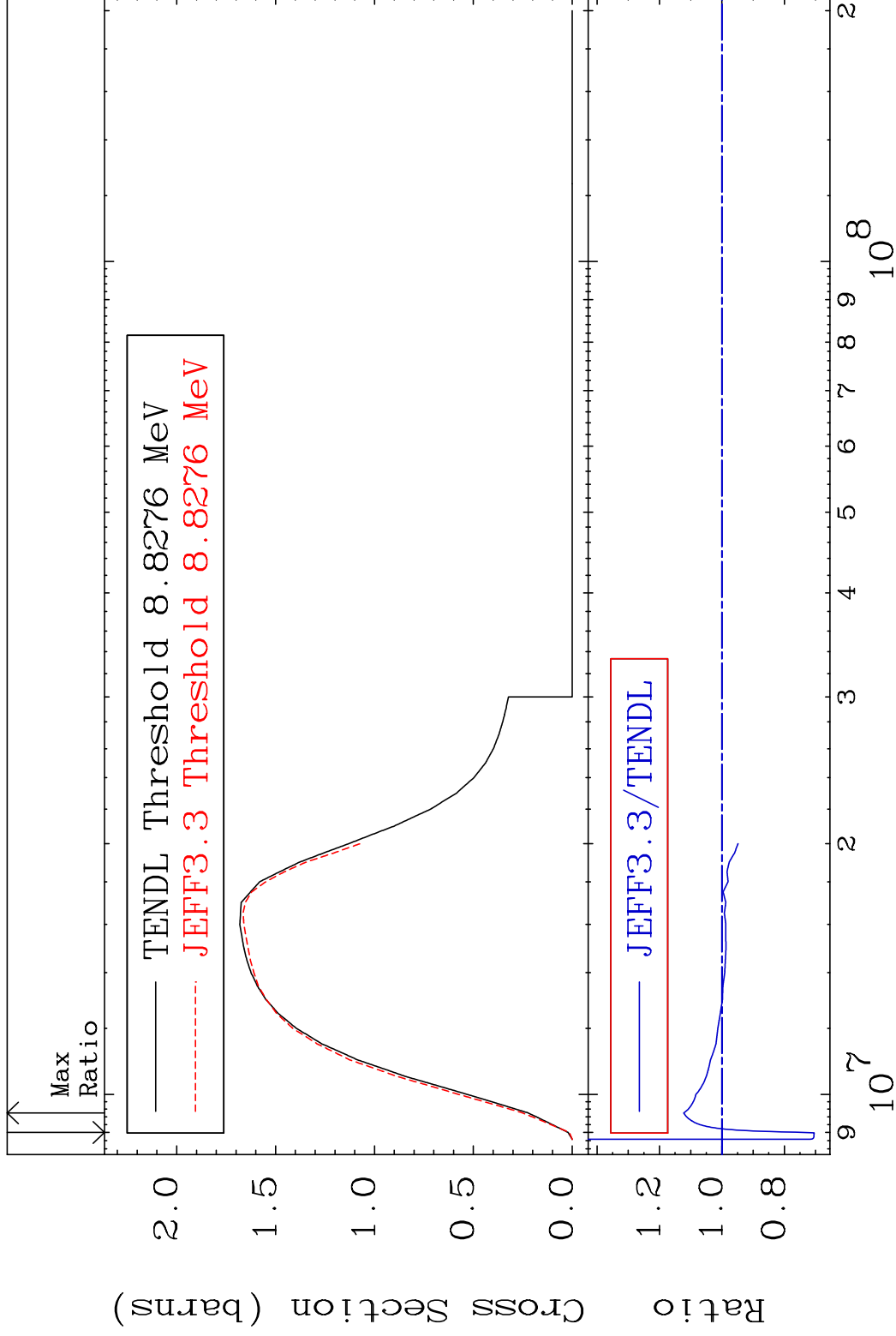
3 2 3 3 4 5 7 2 2 3 3 4 5 7 8 2
 10⁵ 10⁶ 10⁷ 10⁸
 55-Cs-135

MAT 5531

(n,2n)

55-Cs-135

Cross Section -29.52 To 12.26 %



4

Incident Energy (eV)

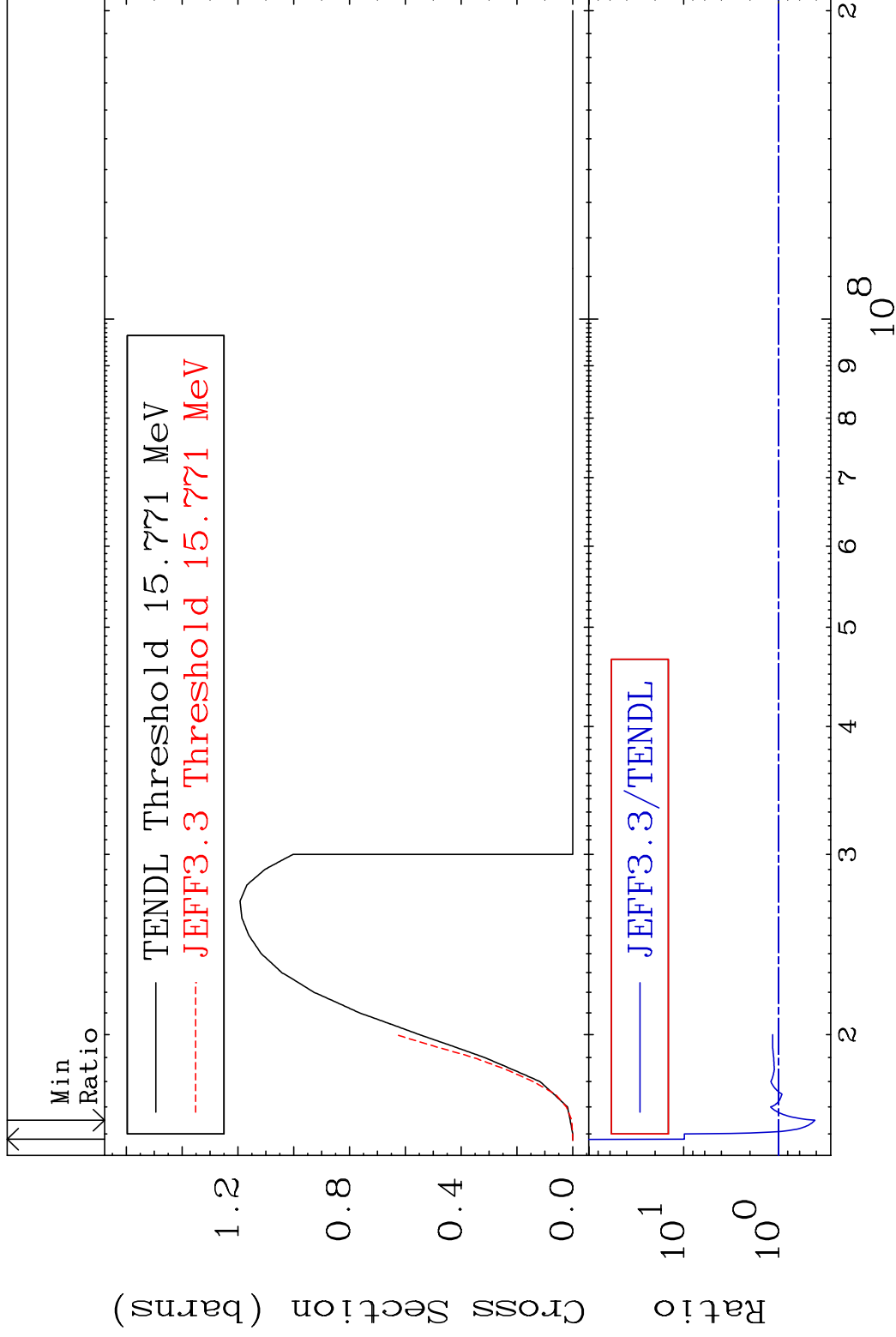
55-Cs-135

MAT 5531

(n,3n)

55-Cs-135

Cross Section -58.65 To 885.1 %



5

Incident Energy (eV)

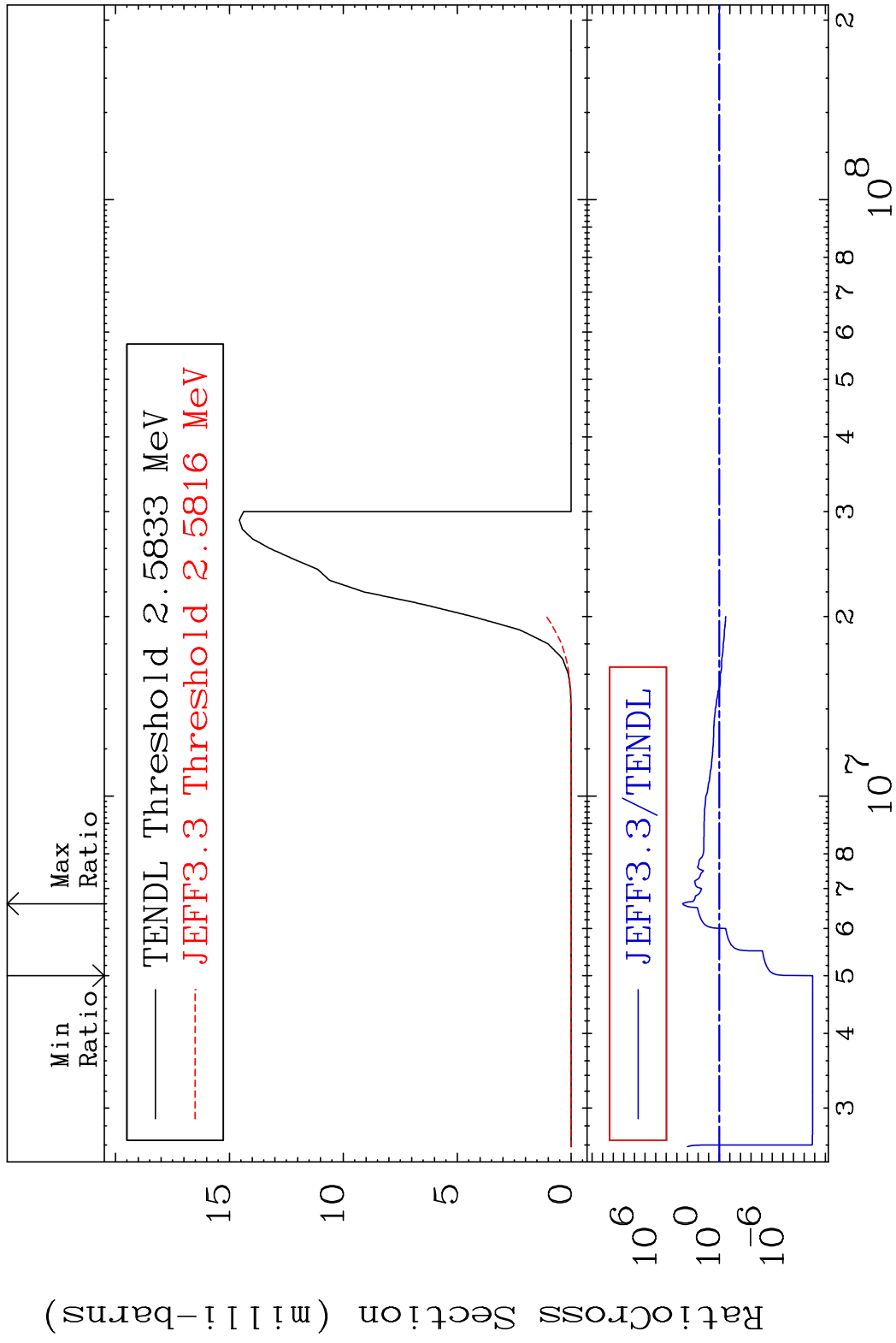
55-Cs-135

MAT 5531

(n, n') α

55-Cs-135

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

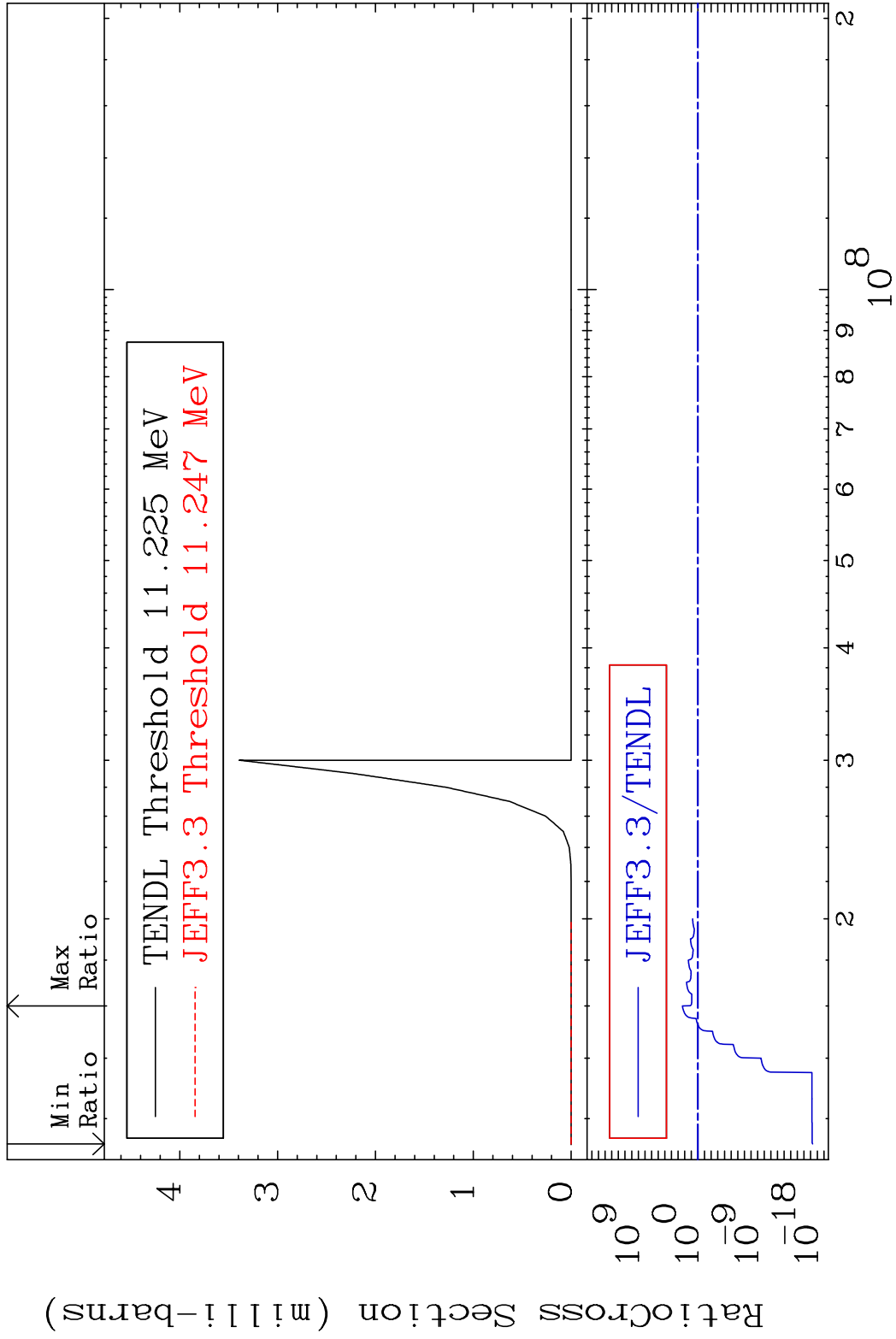
55-Cs-135

MAT 5531

(n,2n) α

55-Cs-135

Cross Section -100.0 To 9999. %

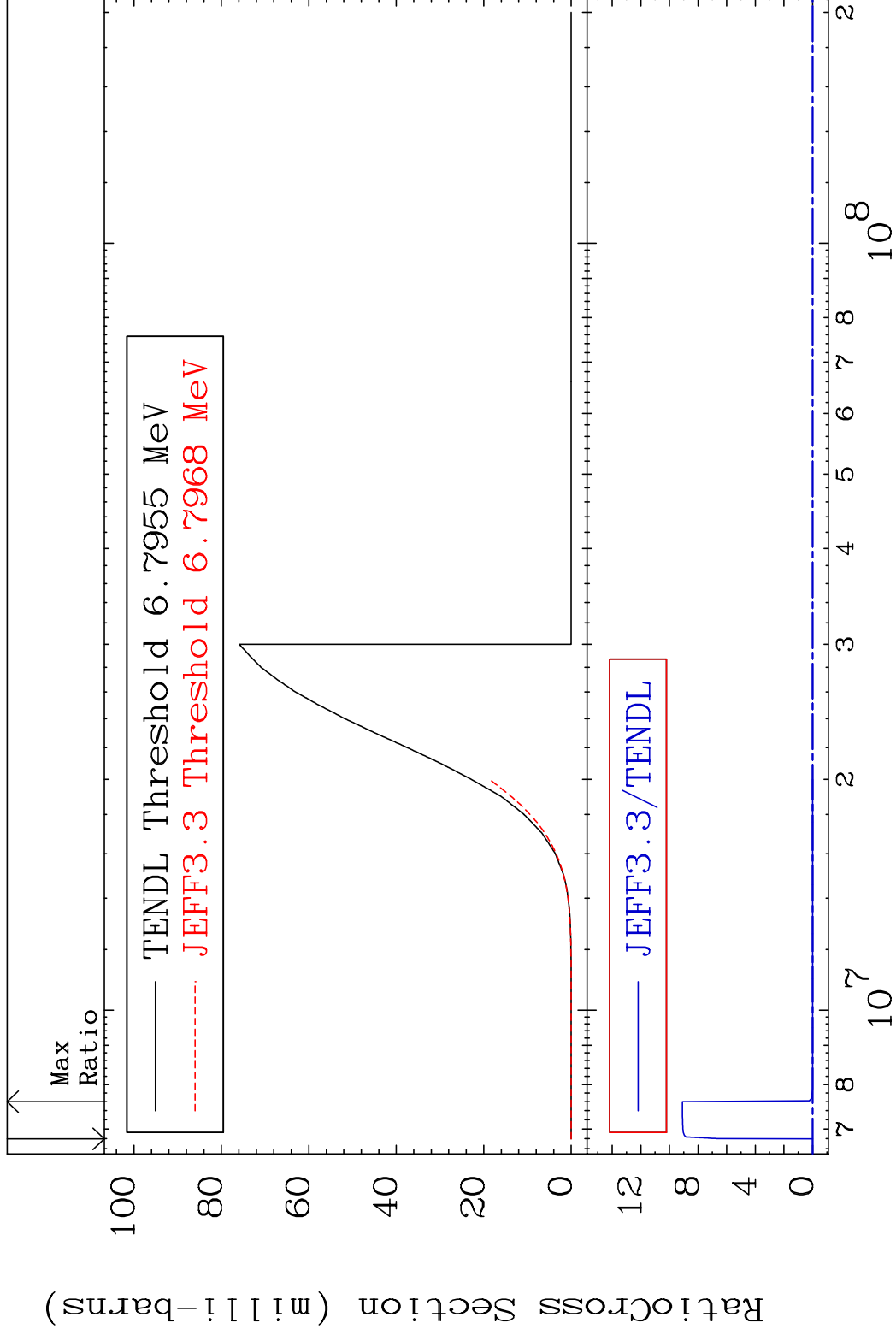


MAT 5531

(n, n') p

55-Cs-135

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

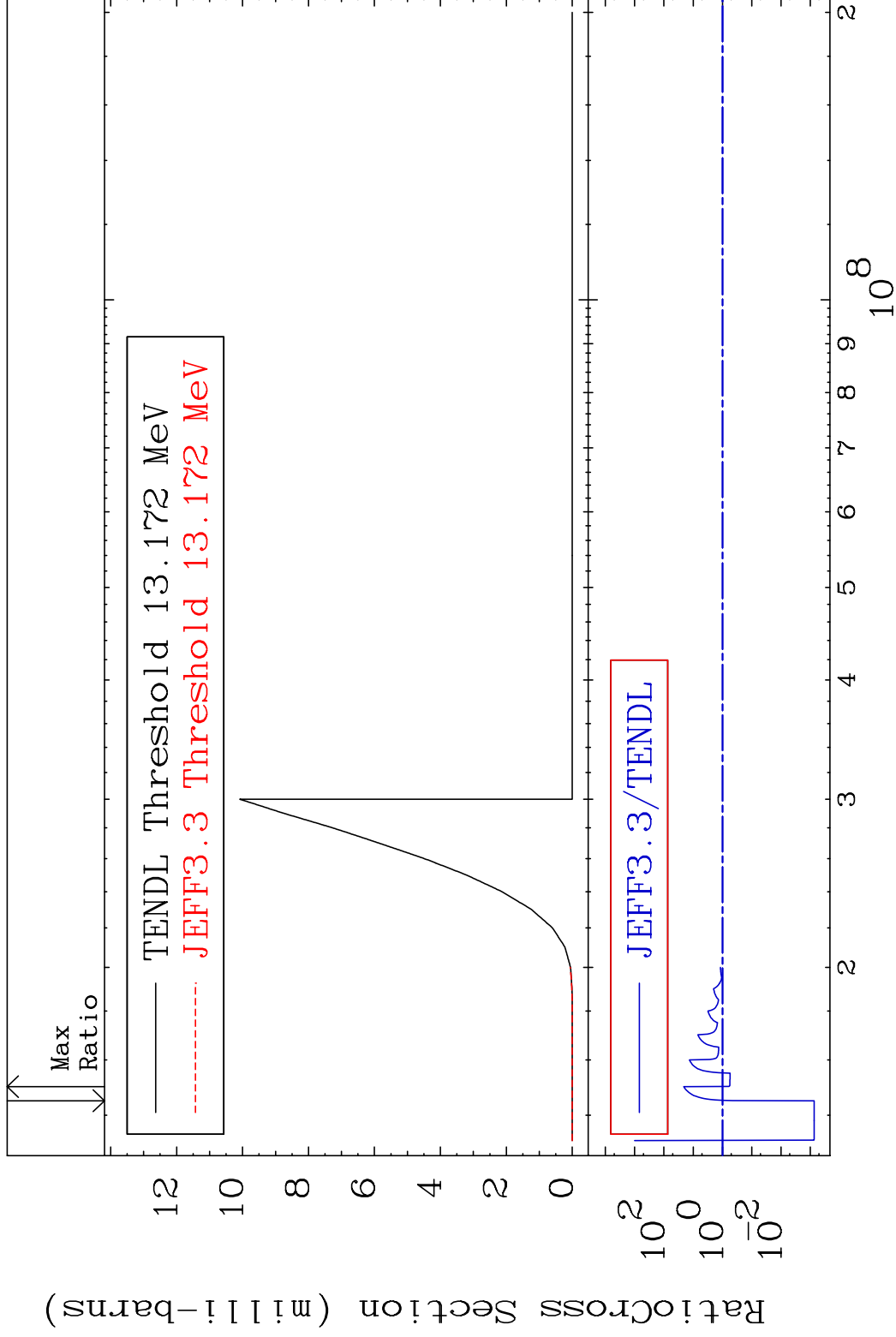
55-Cs-135

MAT 5531

(n, n') d

55-Cs-135

Cross Section -99.93 To 2016. %

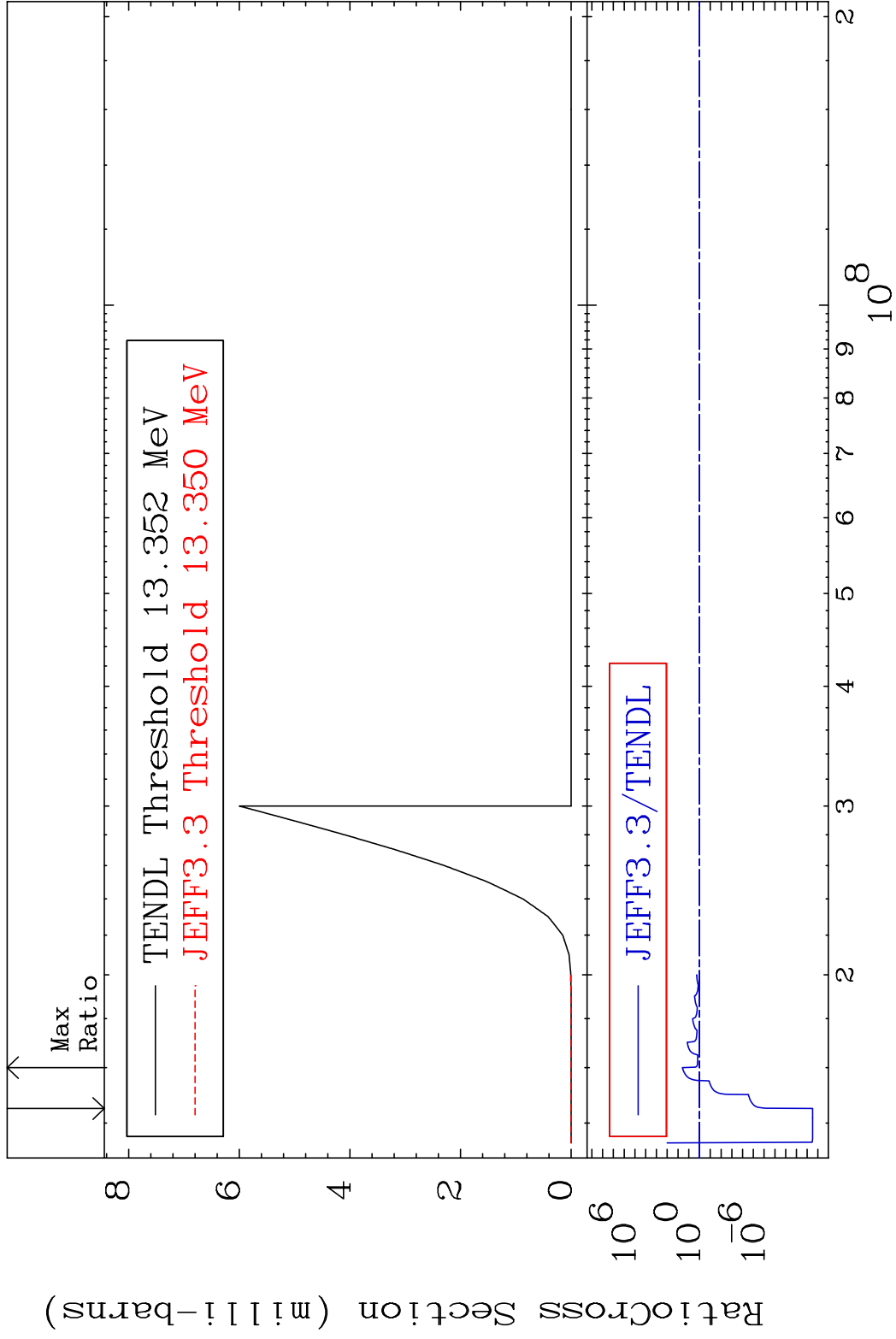


MAT 5531

(n, n') t

55-Cs-135

Cross Section -100.0 To 3828. %



10

Incident Energy (eV)

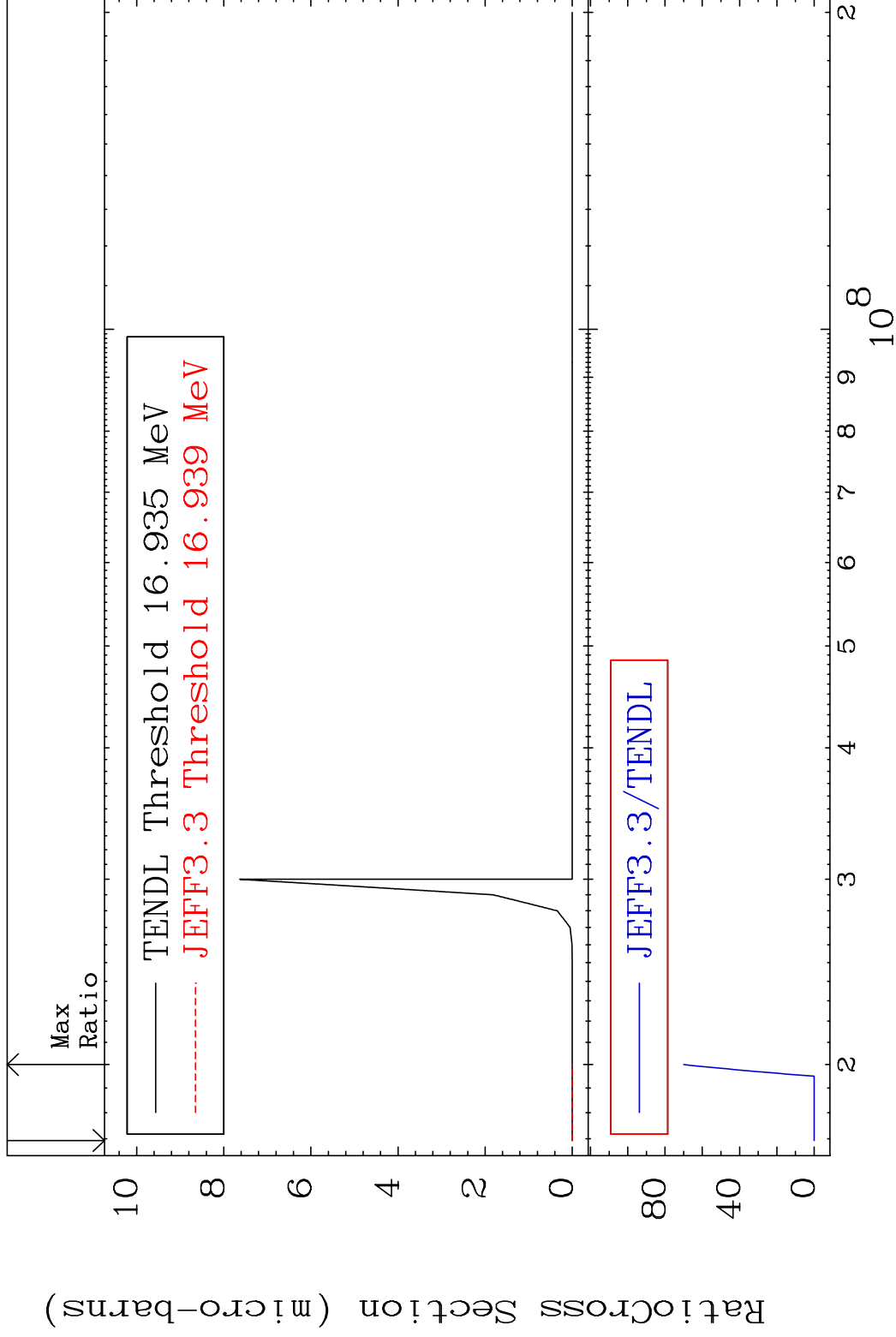
55-Cs-135

MAT 5531

(n,n') He-3

55-Cs-135

Cross Section -100.0 To -100.0%



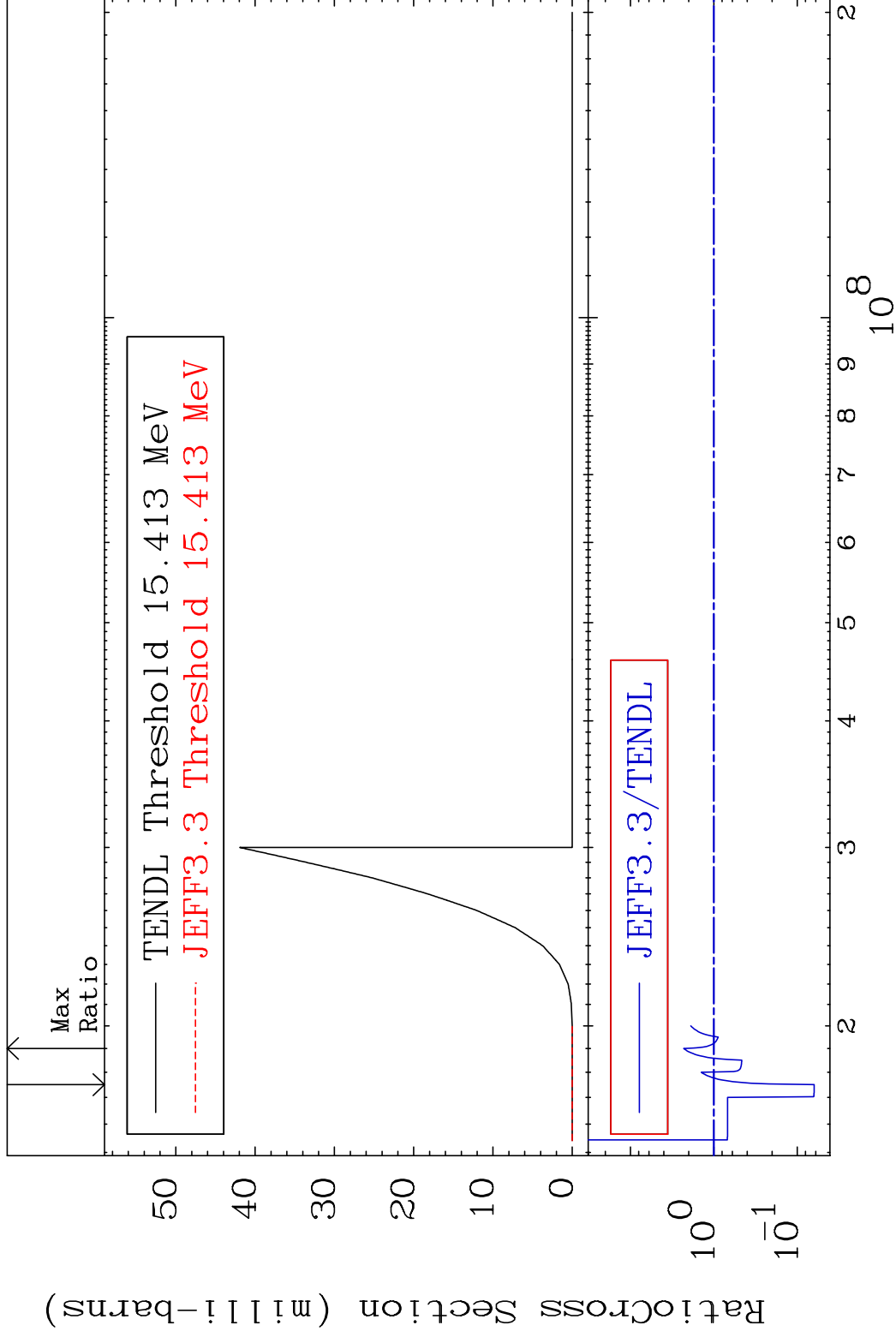
MAT 5531

(n,2n) p

55-Cs-135

Cross Section

-93.71 To 130.7 %

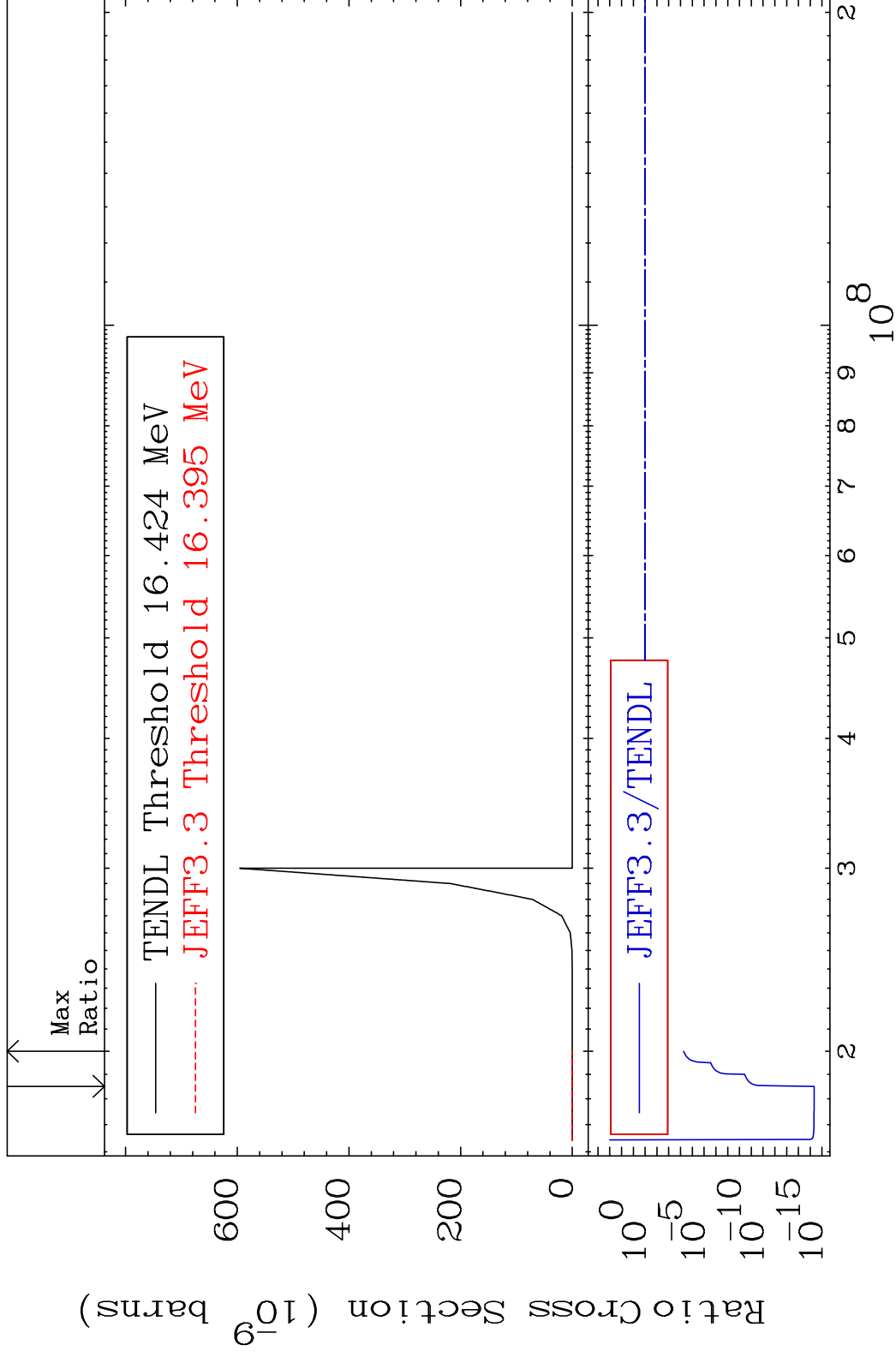


MAT 5531

(n,2n) p

55-Cs-135

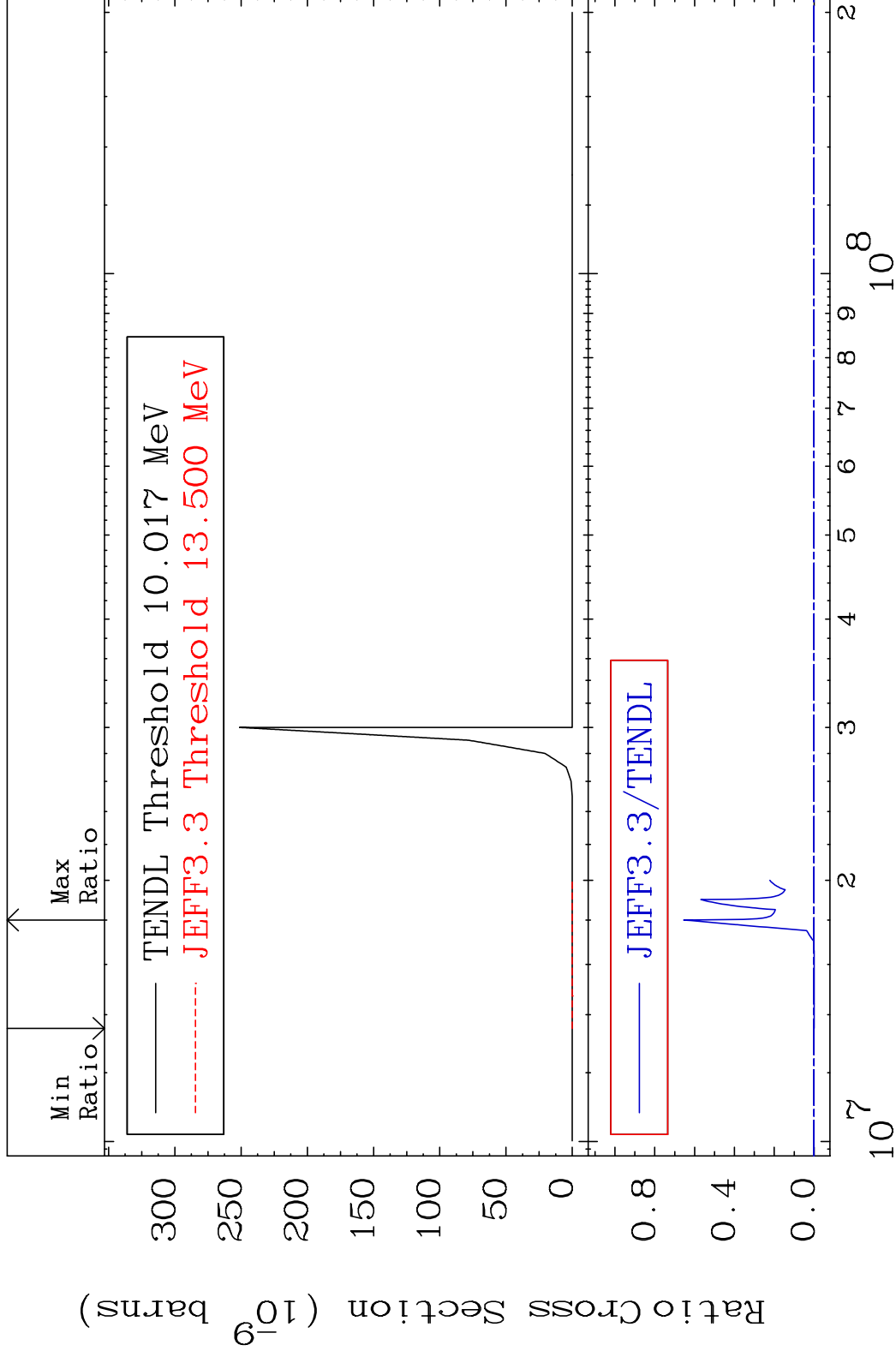
Cross Section -100.0 To -99.95%



MAT 5531

(n,n') p α 55-Cs-135

Cross Section -100.0 To 9999. %

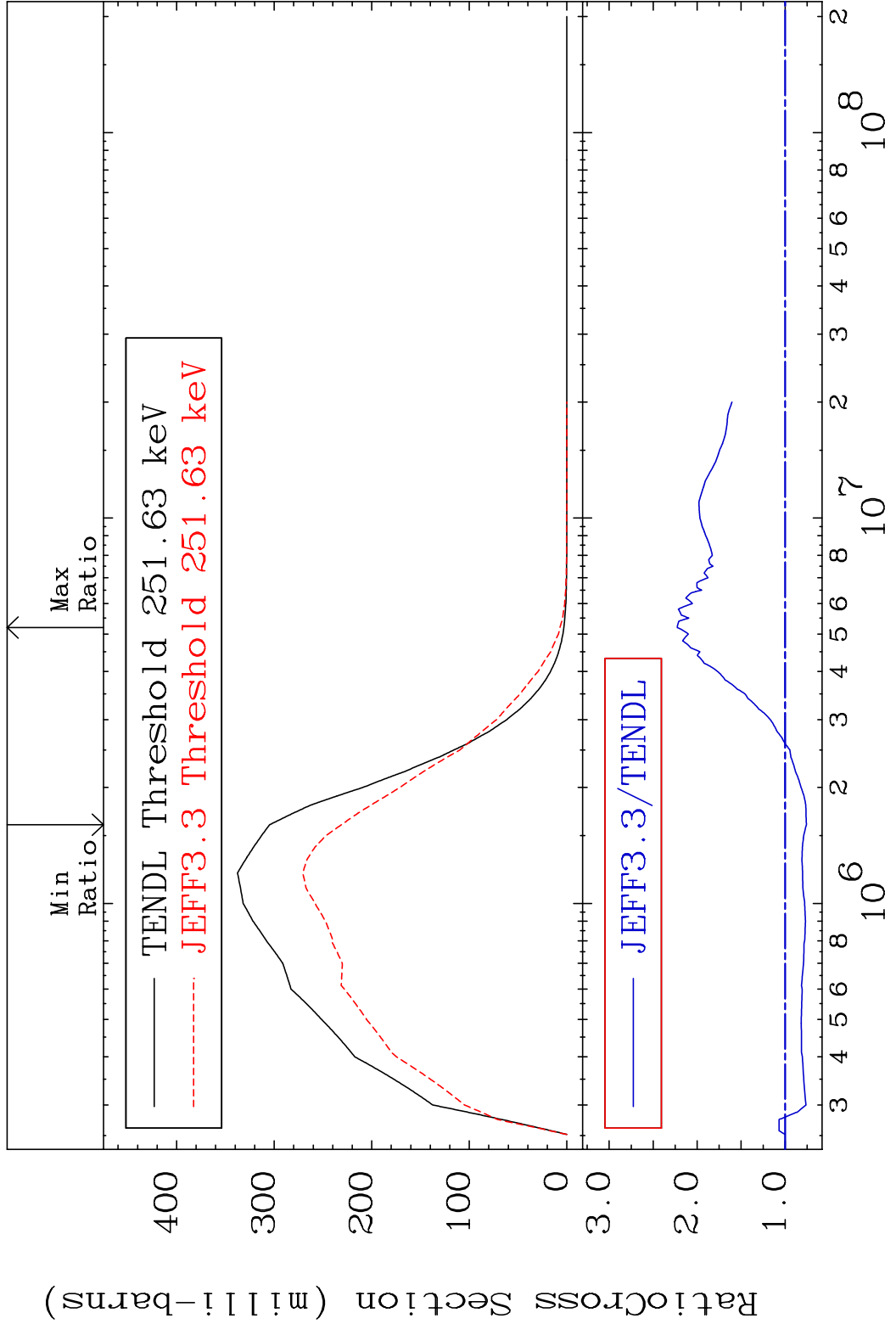


14

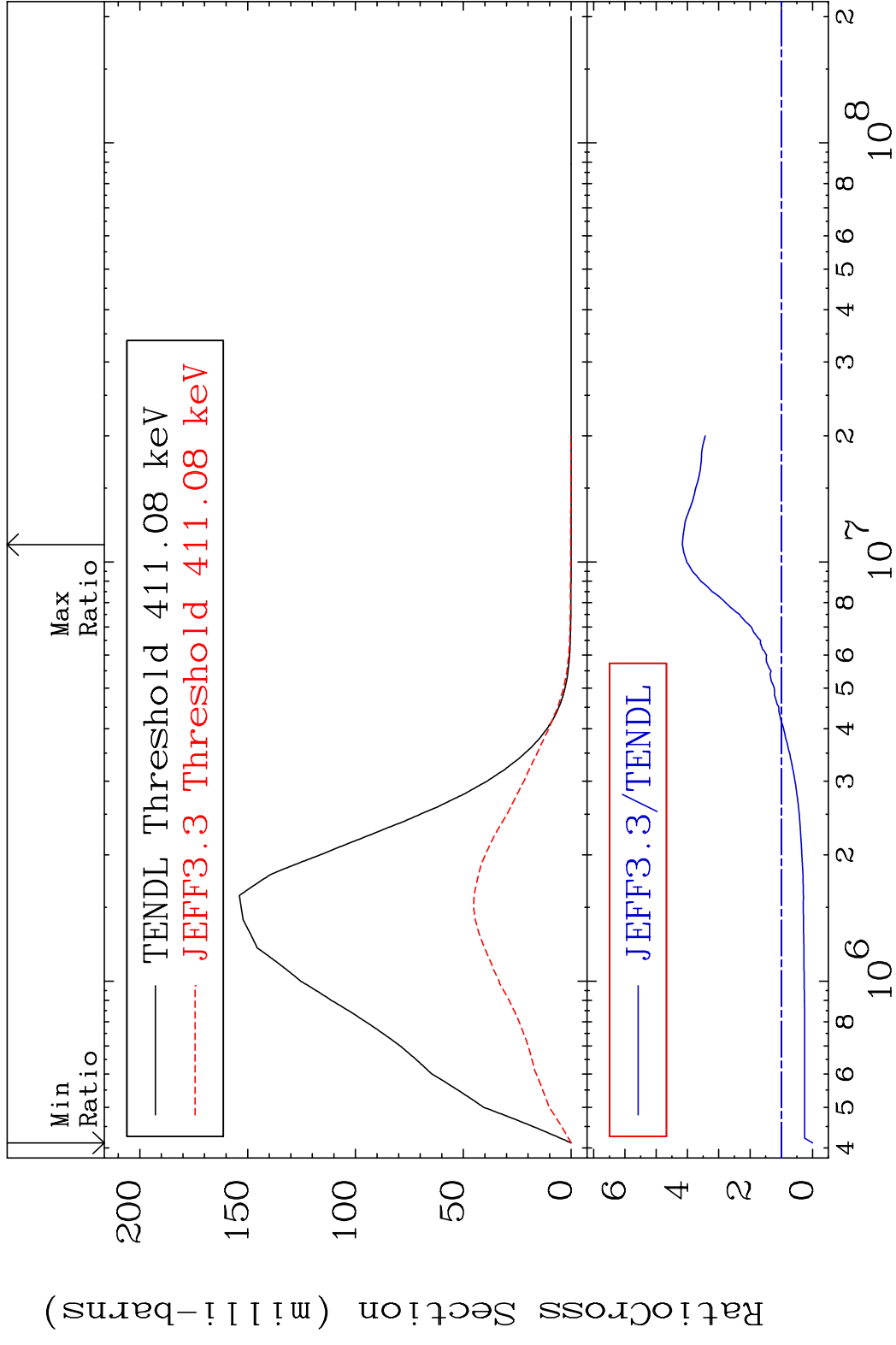
Incident Energy (eV)

55-Cs-135

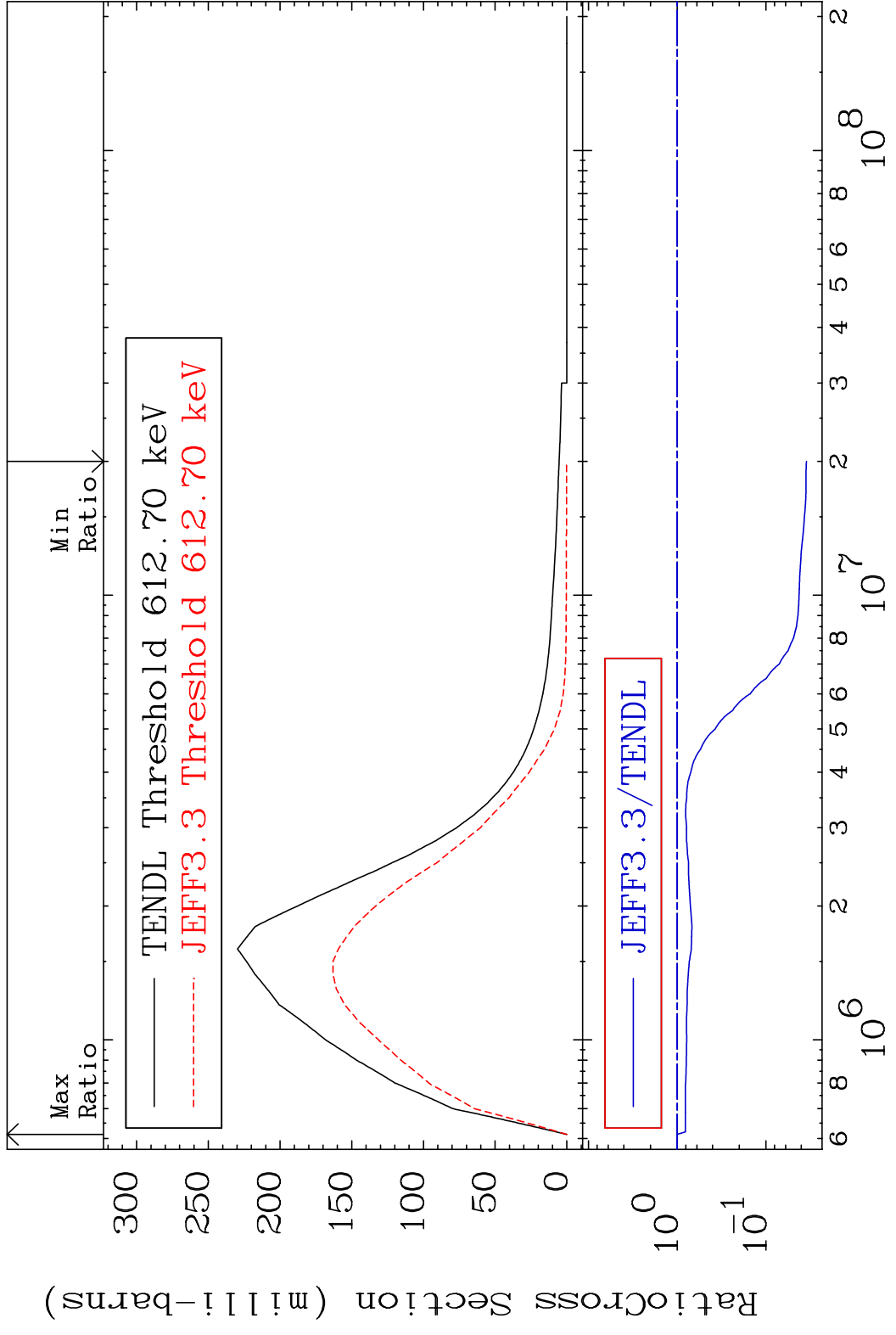
MAT 5531 MT= 51 (n, n') Level 55-Cs-135
 Cross Section -24.17 To 122.7 %



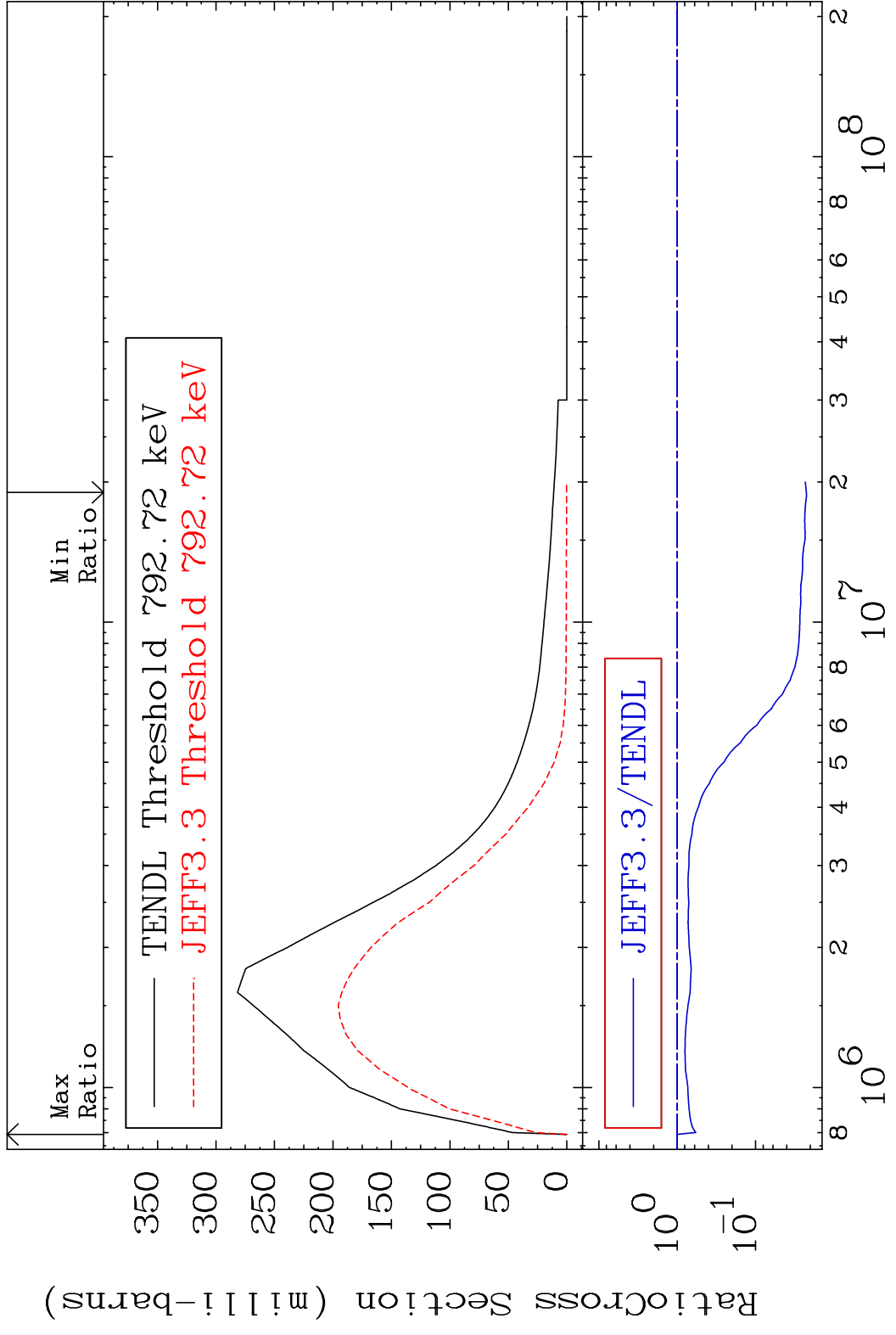
MAT 5531 MT= 52 (n, n') Level 55-Cs-135
 Cross Section -100.0 To 316.4 %



MAT 5531 MT= 53 (n, n') Level 55-Cs-135
 Cross Section -96.50 To 0.000 %

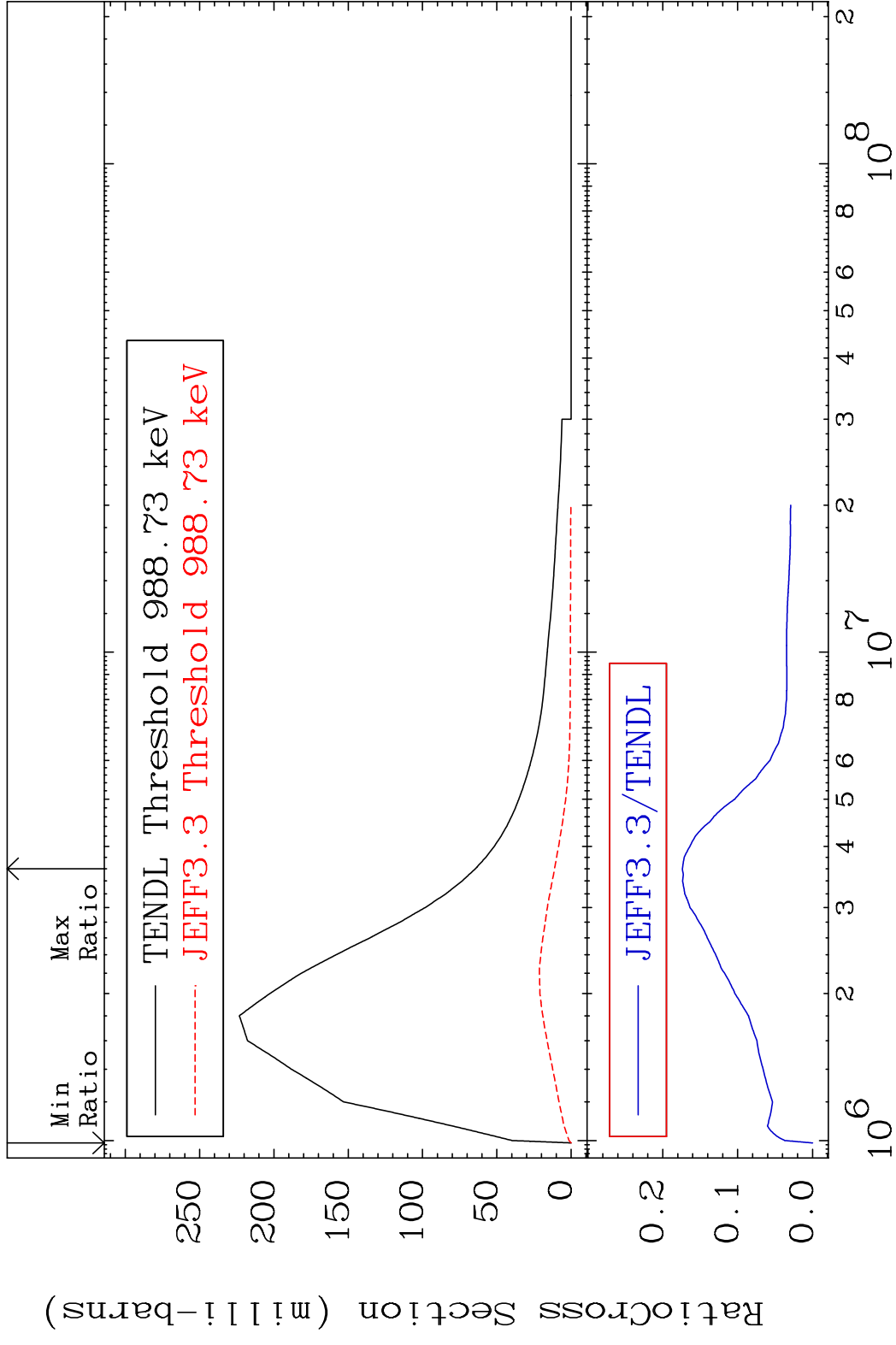


MAT 5531 MT= 54 (n, n') Level 55-Cs-135
 Cross Section -97.76 To 0.000 %



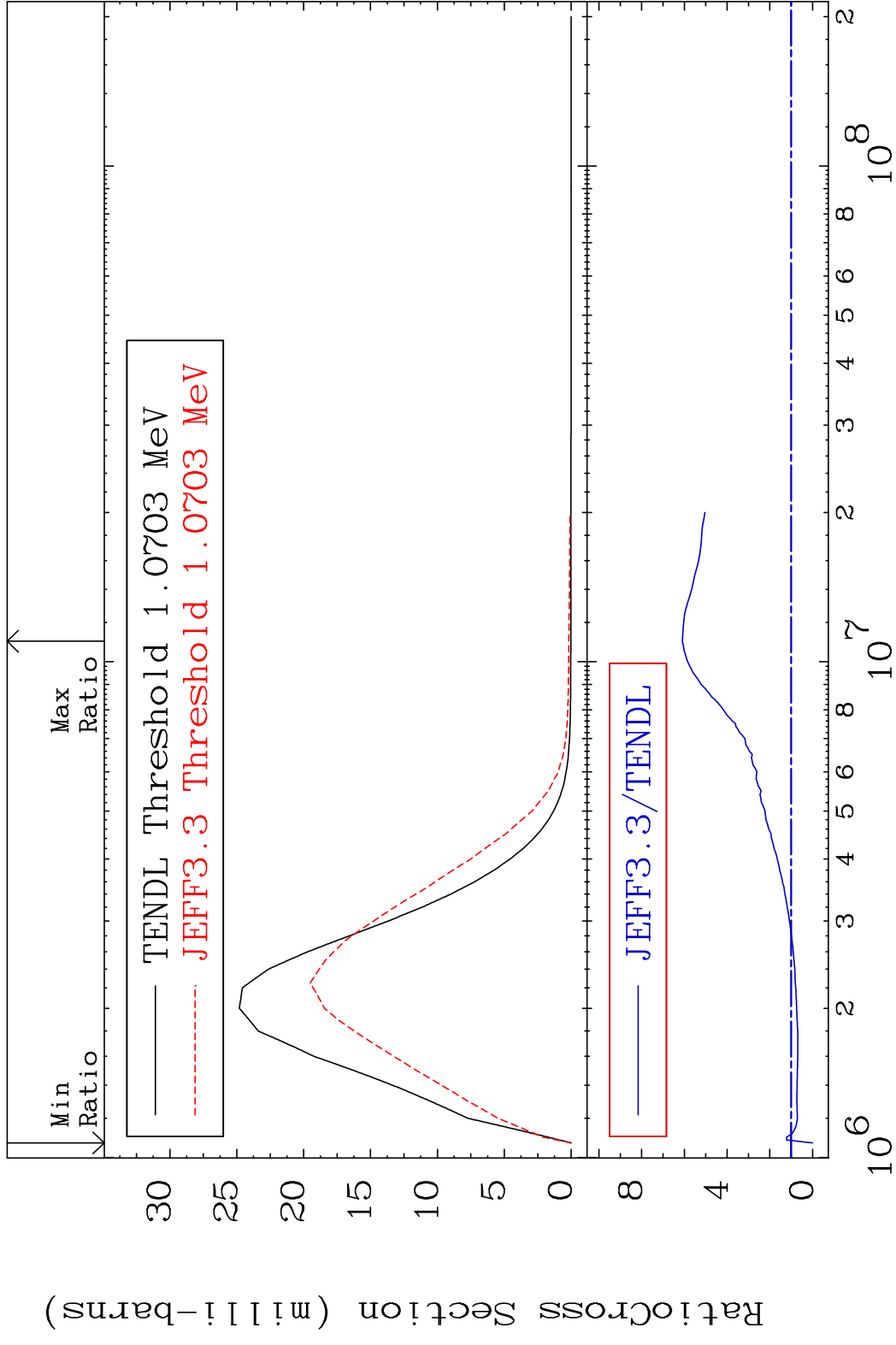
18 Incident Energy (eV) 55-Cs-135

MAT 5531 MT= 55 (n,n') Level 55-Cs-135
 Cross Section -100.0 To -82.61%



19 19 Incident Energy (eV) 55-Cs-135

MAT 5531 MT= 56 (n, n') Level 55-Cs-135
 Cross Section -100.0 To 509.3 %



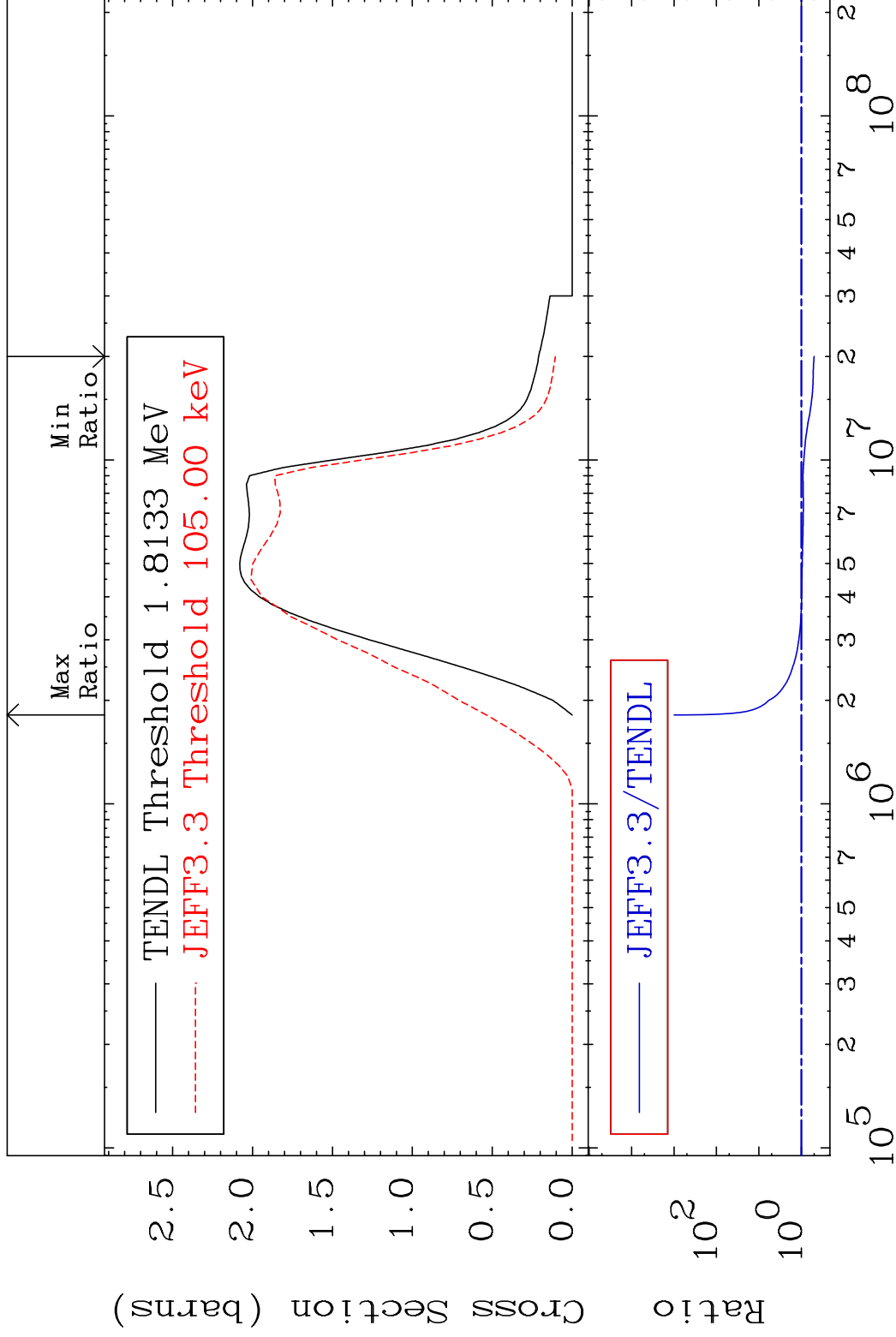
20 55-Cs-135

MAT 5531

(n, n') Continuum

55-Cs-135

Cross Section -49.64 To 9999. %



21

Incident Energy (eV)

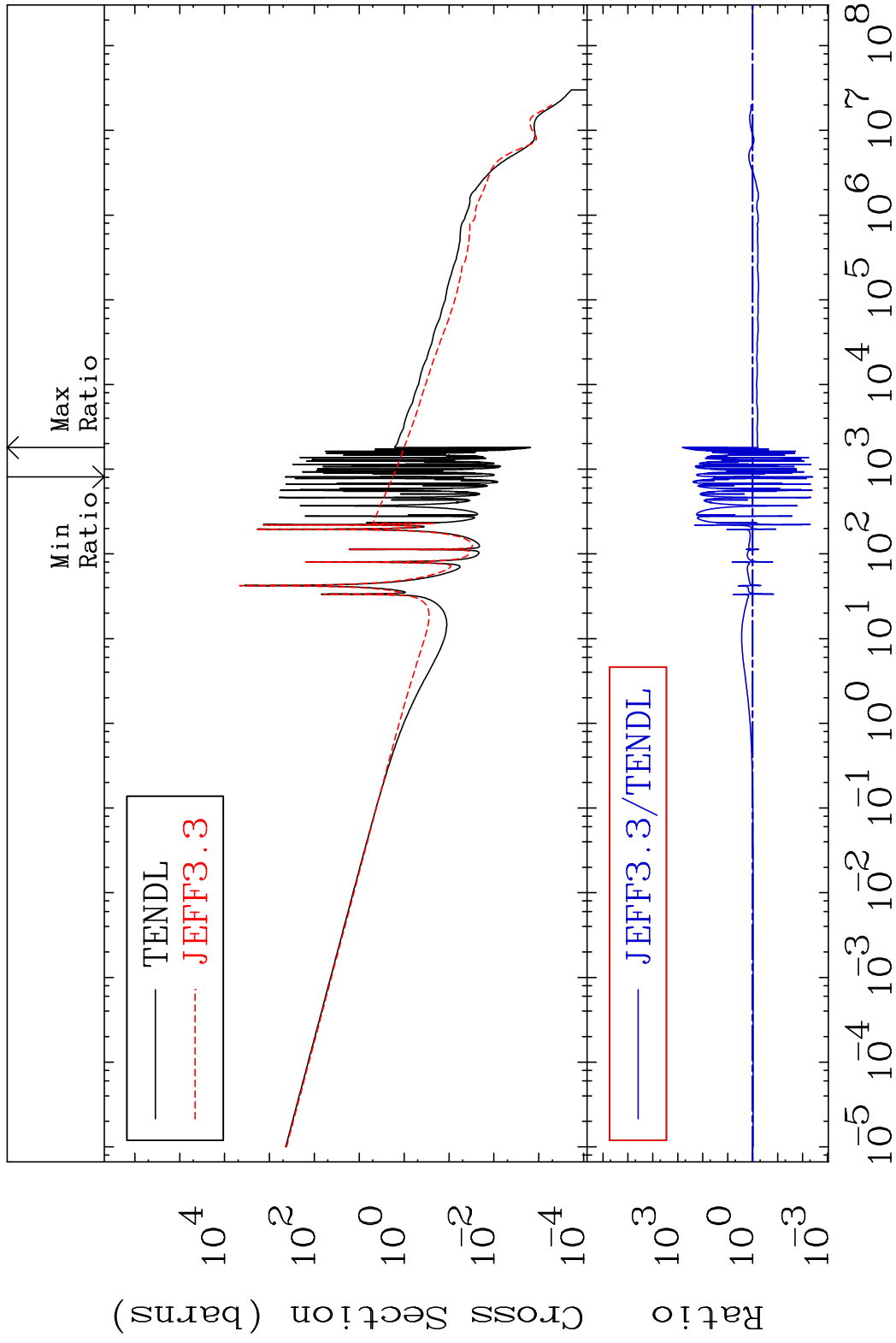
55-Cs-135

MAT 5531

(n, γ)

55-Cs-135

Cross Section -99.60 To 9999. %



22

Incident Energy (eV)

55-Cs-135

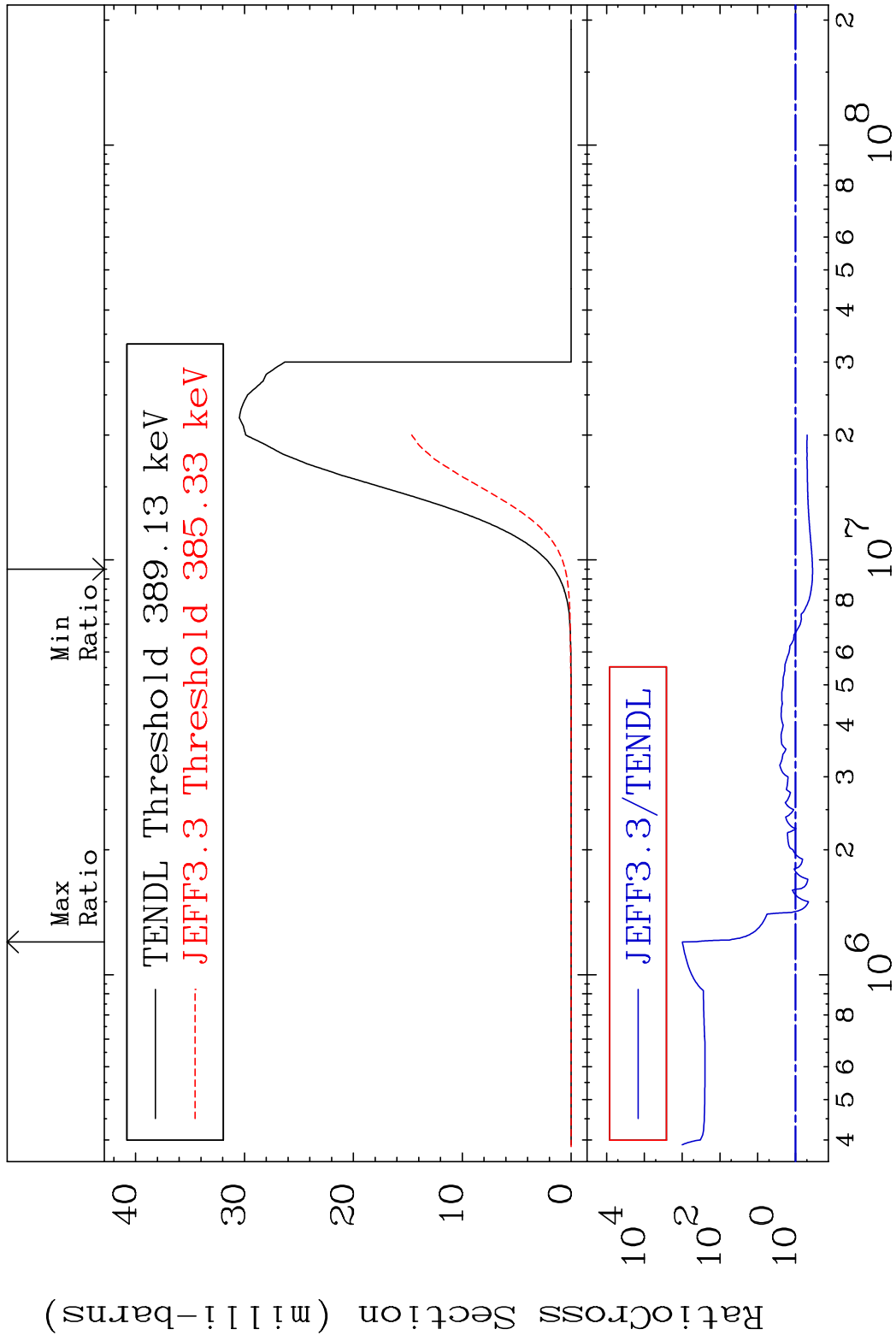
MAT 5531

(n, p)

55-Cs-135

Cross Section

-64.69 To 9999. %

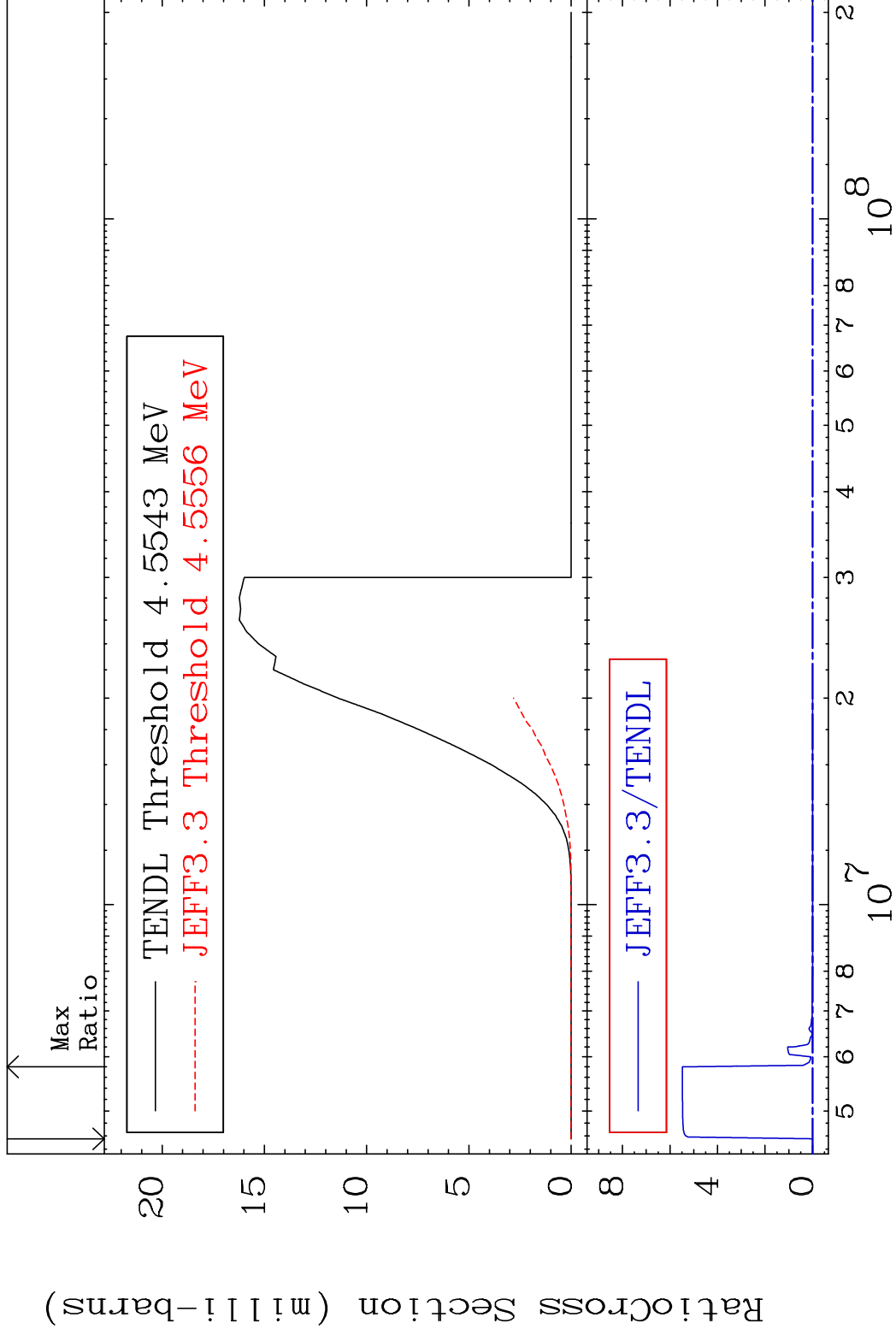


MAT 5531

(n,d)

55-Cs-135

Cross Section -100.0 To 9999. %



24

Incident Energy (eV)

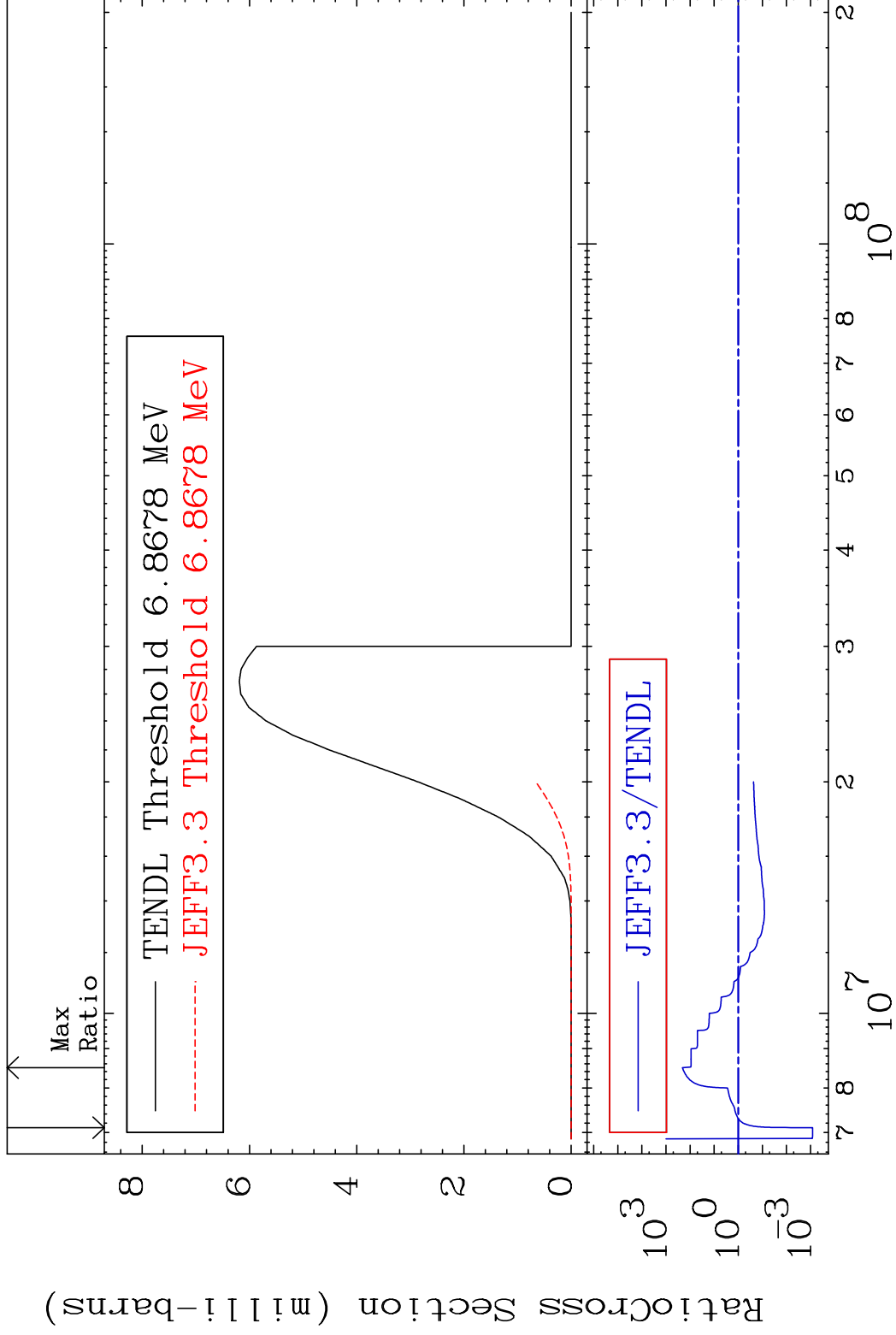
55-Cs-135

MAT 5531

(n, t)

55-Cs-135

Cross Section -99.92 To 9999. %



25

Incident Energy (eV)

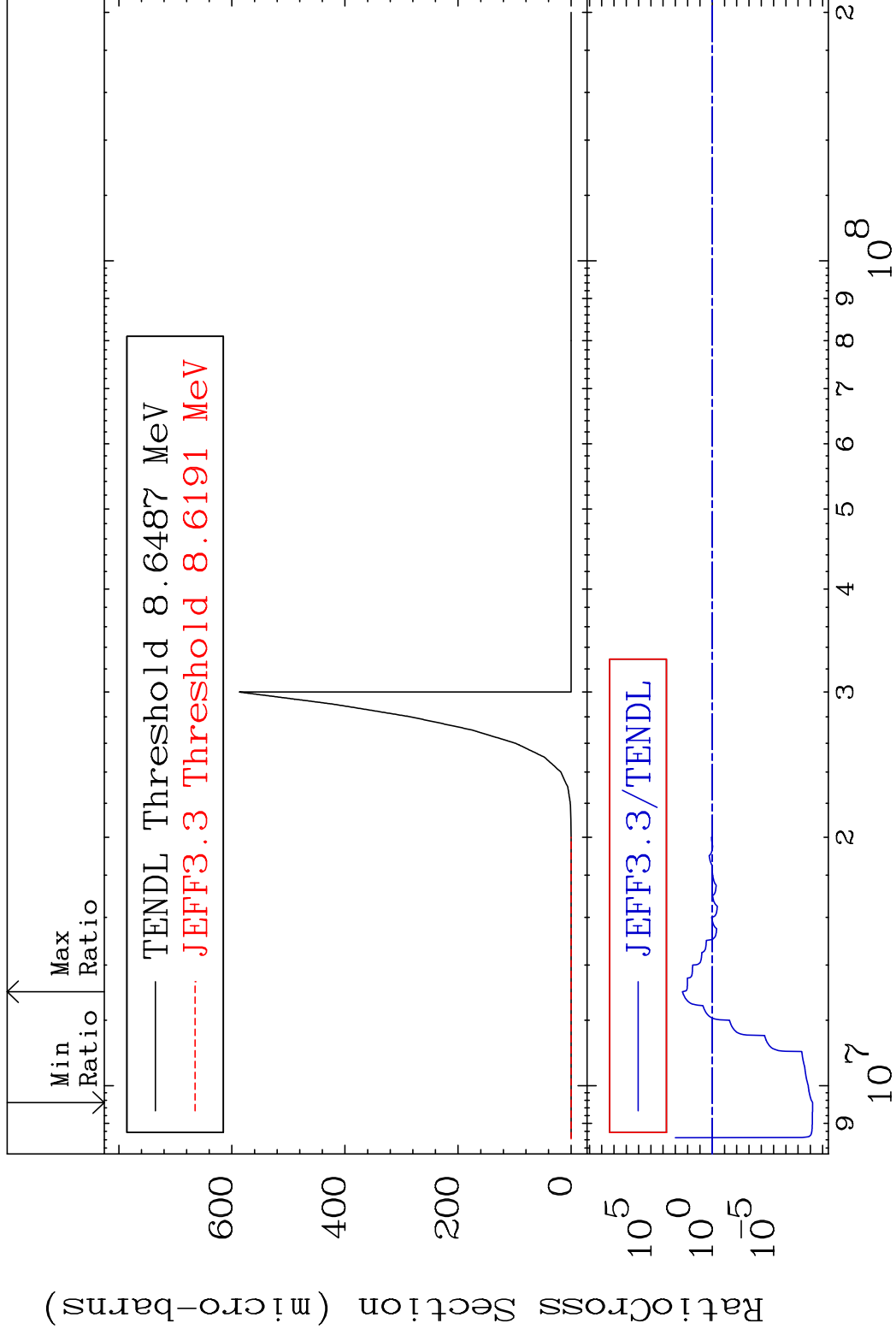
55-Cs-135

MAT 5531

(n, He-3)

55-Cs-135

Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

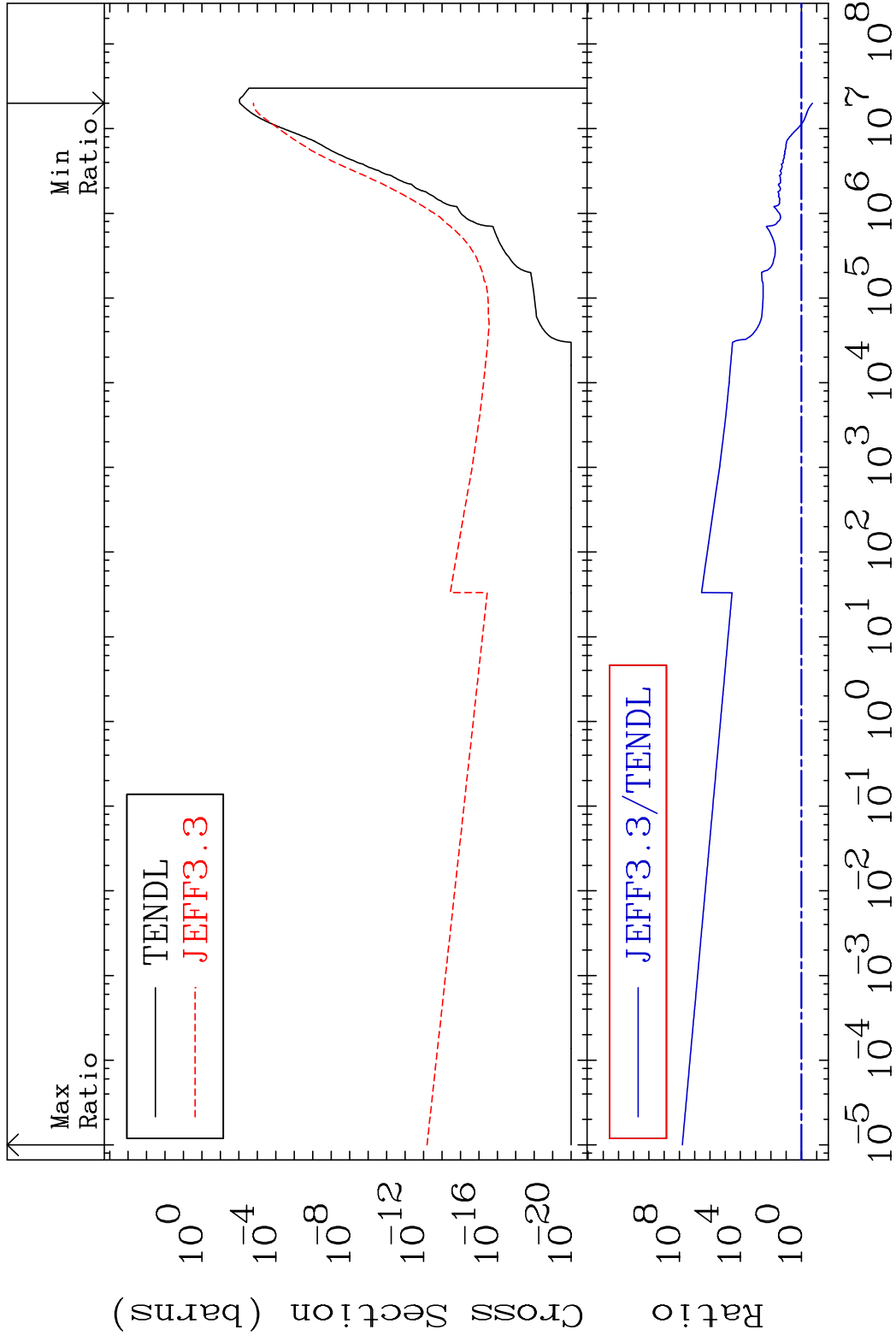
55-Cs-135

MAT 5531

(n, α)

55-Cs-135

Cross Section -81.46 To 9999. %

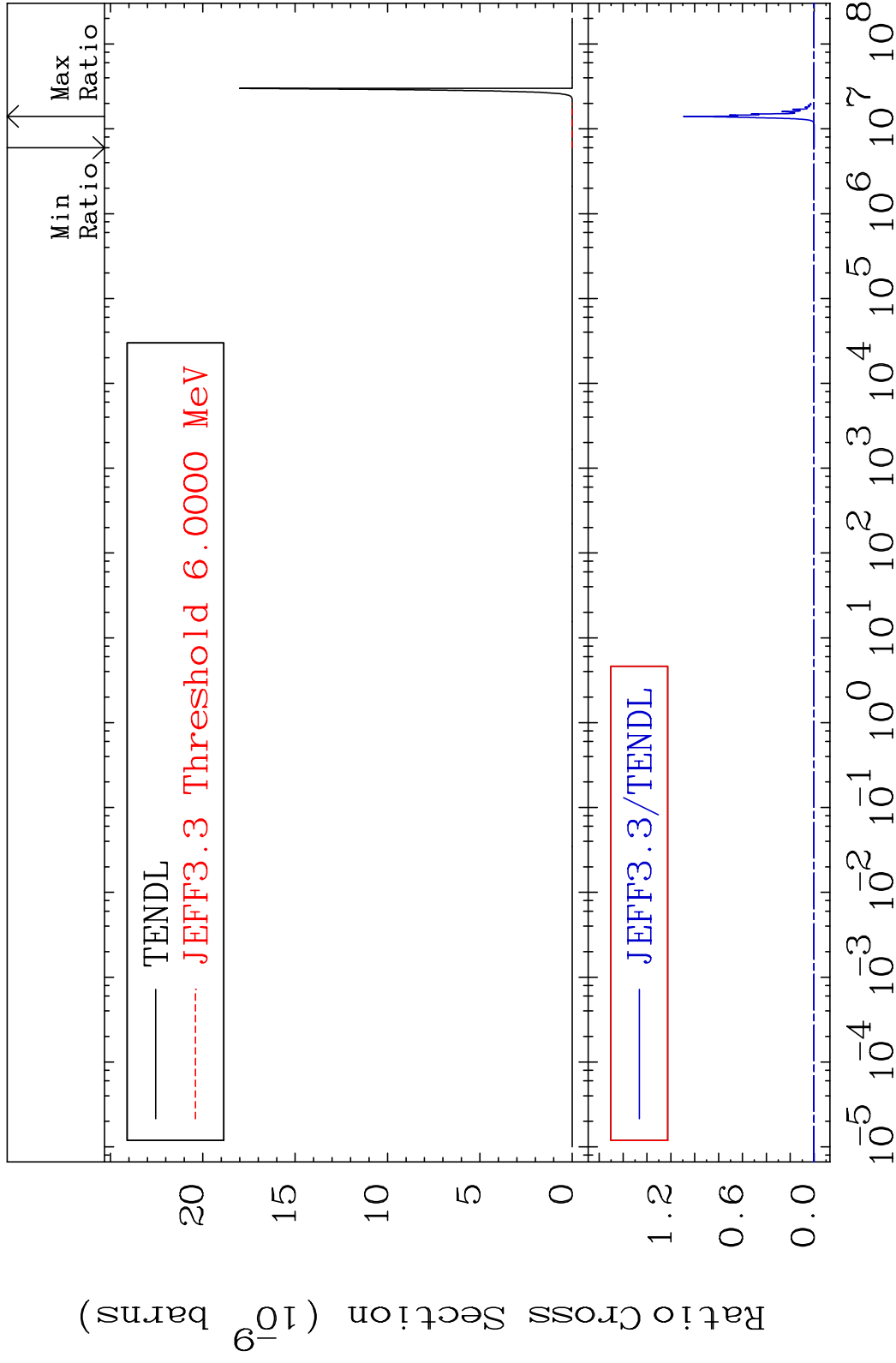


MAT 5531

(n, 2α)

55-Cs-135

Cross Section -100.0 To 9999. %



28

Incident Energy (eV)

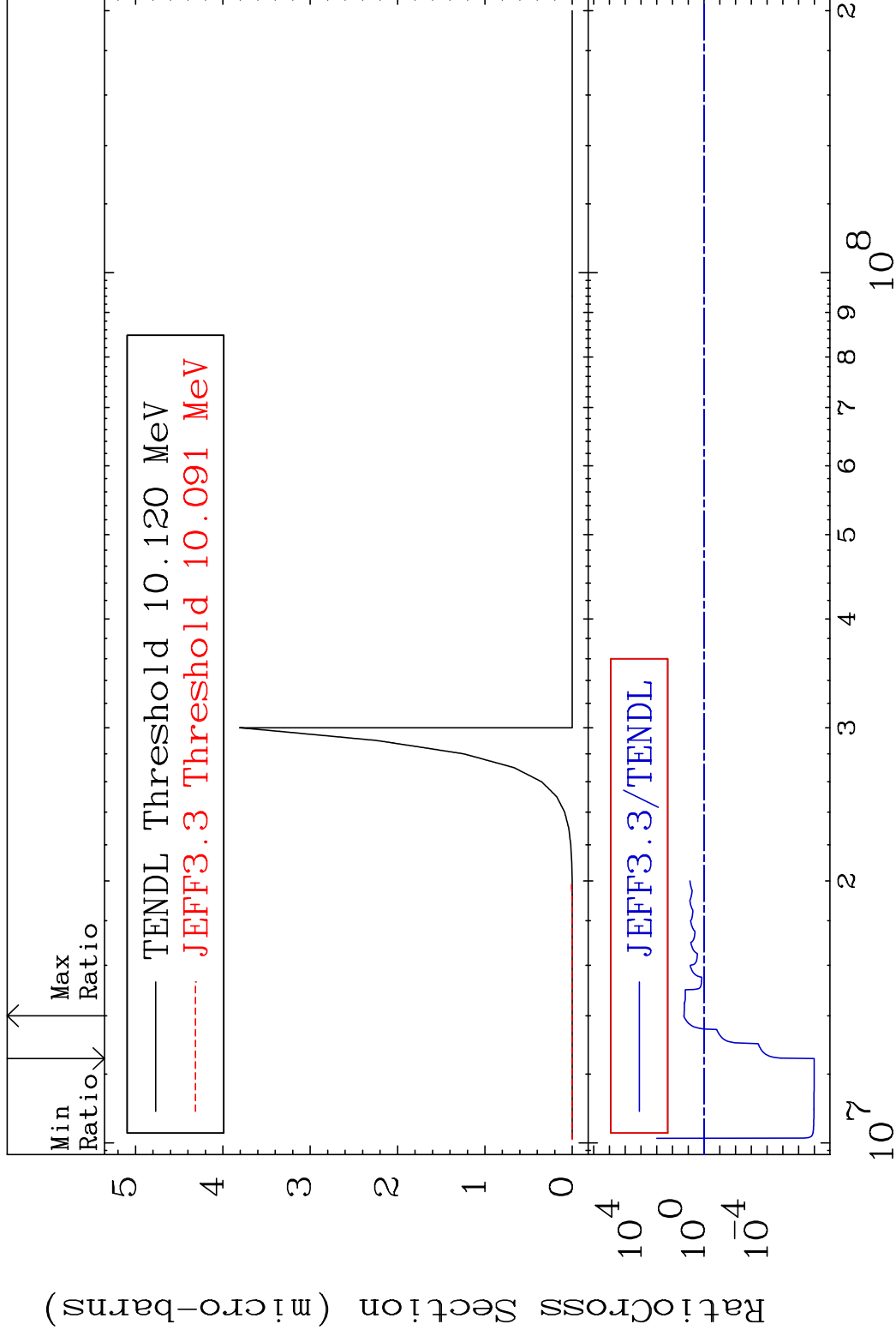
55-Cs-135

MAT 5531

(n,2p)

55-Cs-135

Cross Section -100.0 To 1879. %



29

Incident Energy (eV)

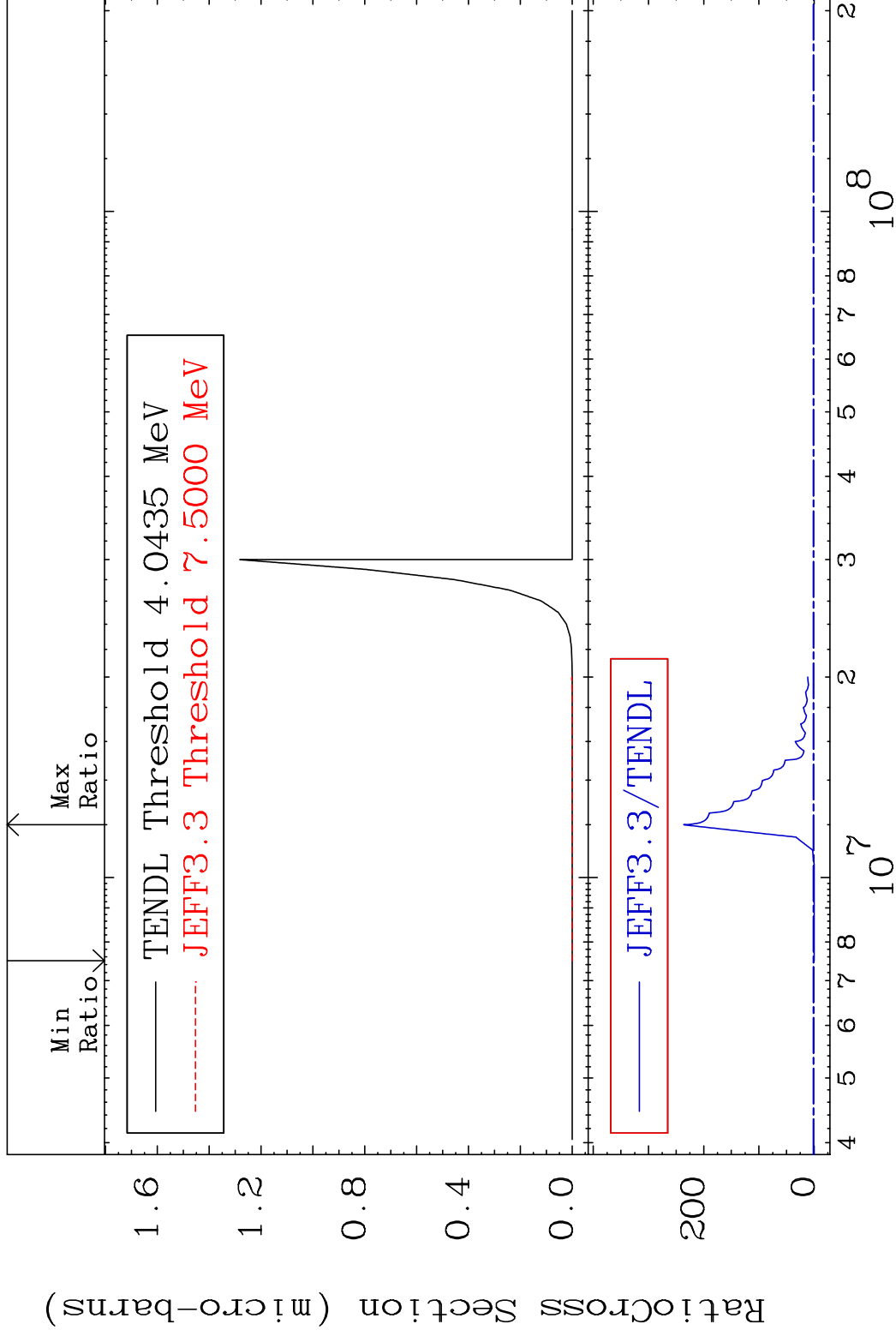
55-Cs-135

MAT 5531

(n,p) α

55-Cs-135

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

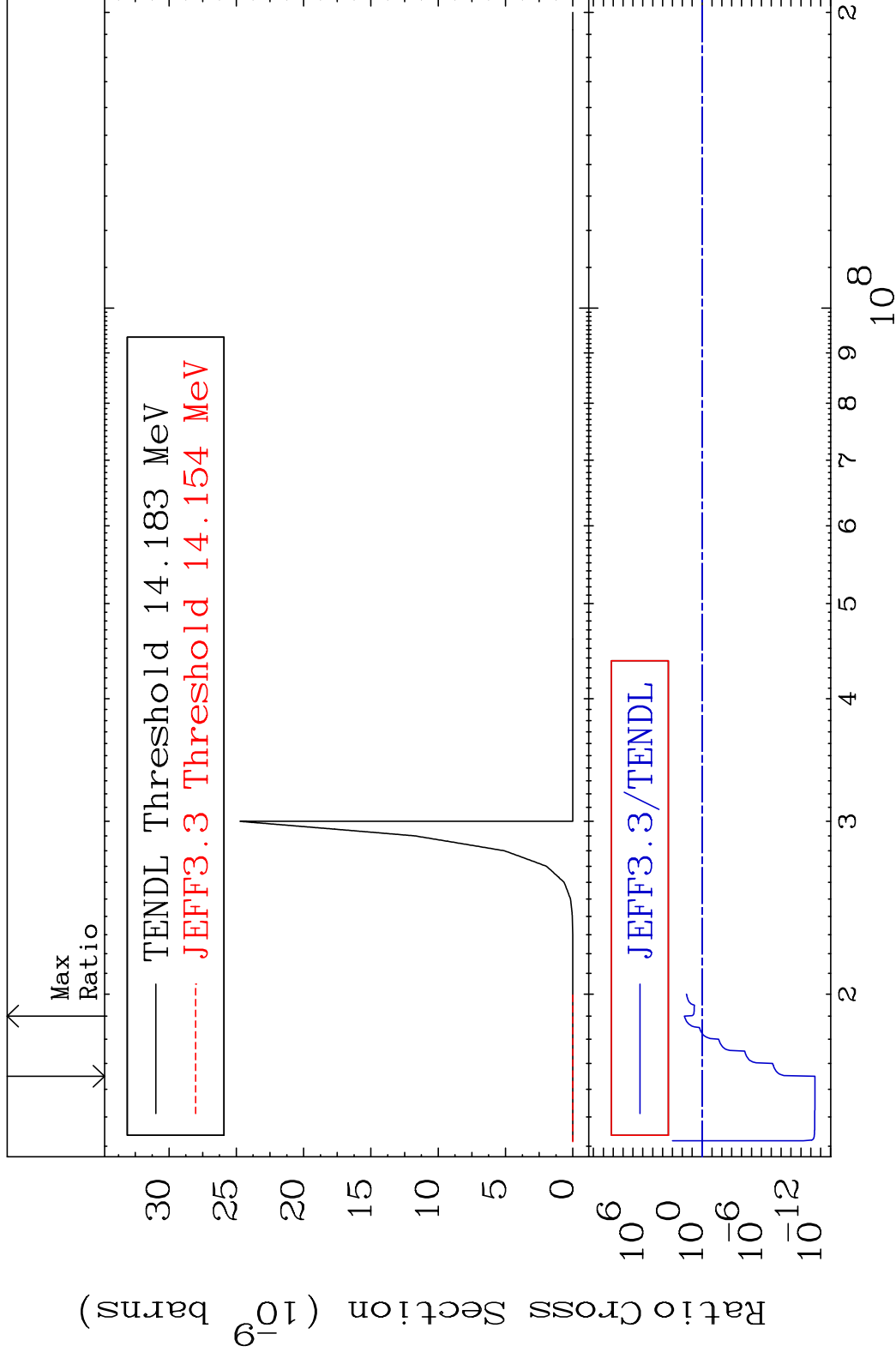
55-Cs-135

MAT 5531

(n,p) d

55-Cs-135

Cross Section -100.0 To 6208. %

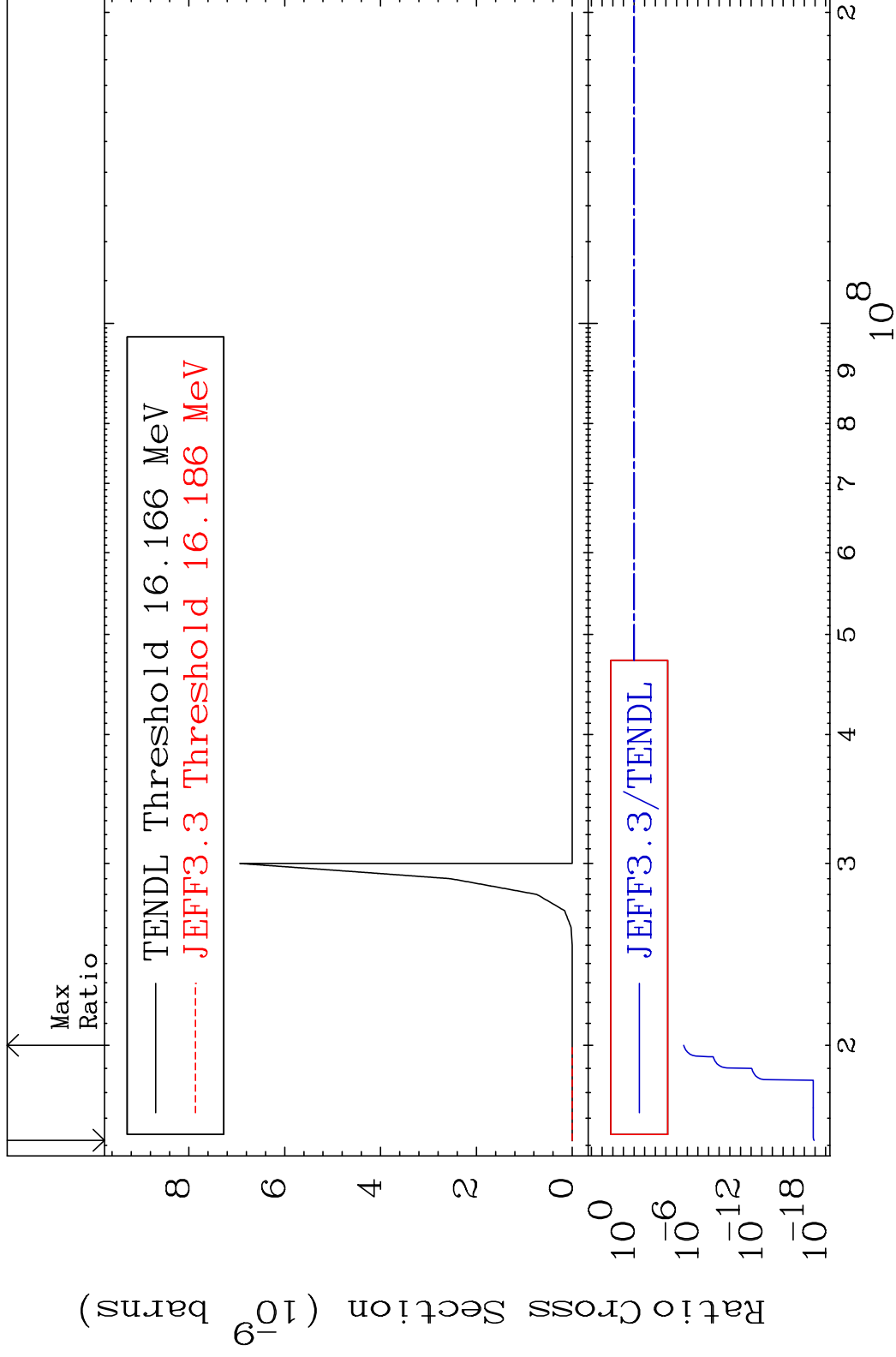


MAT 5531

(n,p) t

55-Cs-135

Cross Section -100.0 To -100.0%

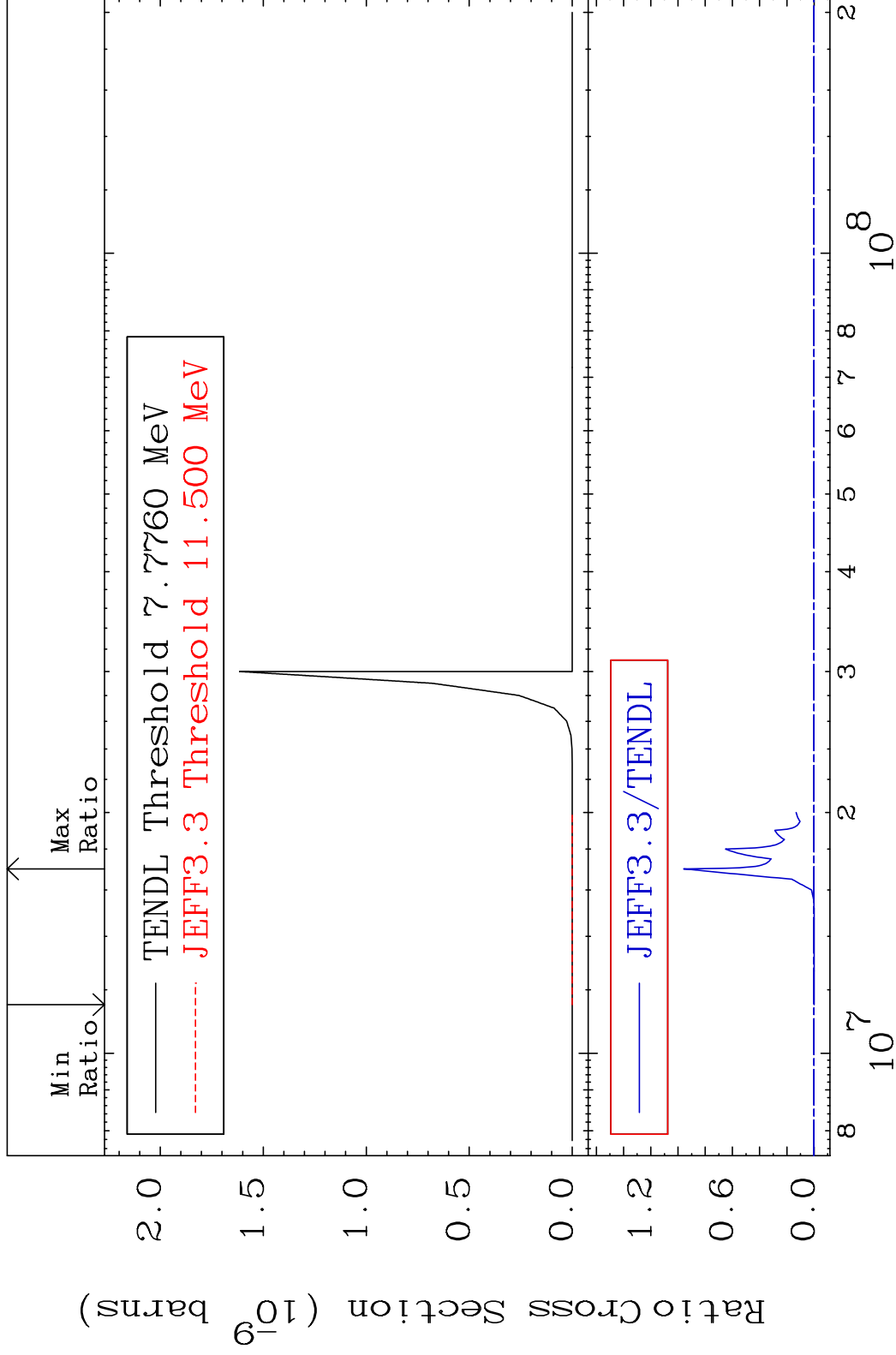


MAT 5531

(n,d) α

55-Cs-135

Cross Section -100.0 To 9999. %



33

Incident Energy (eV)

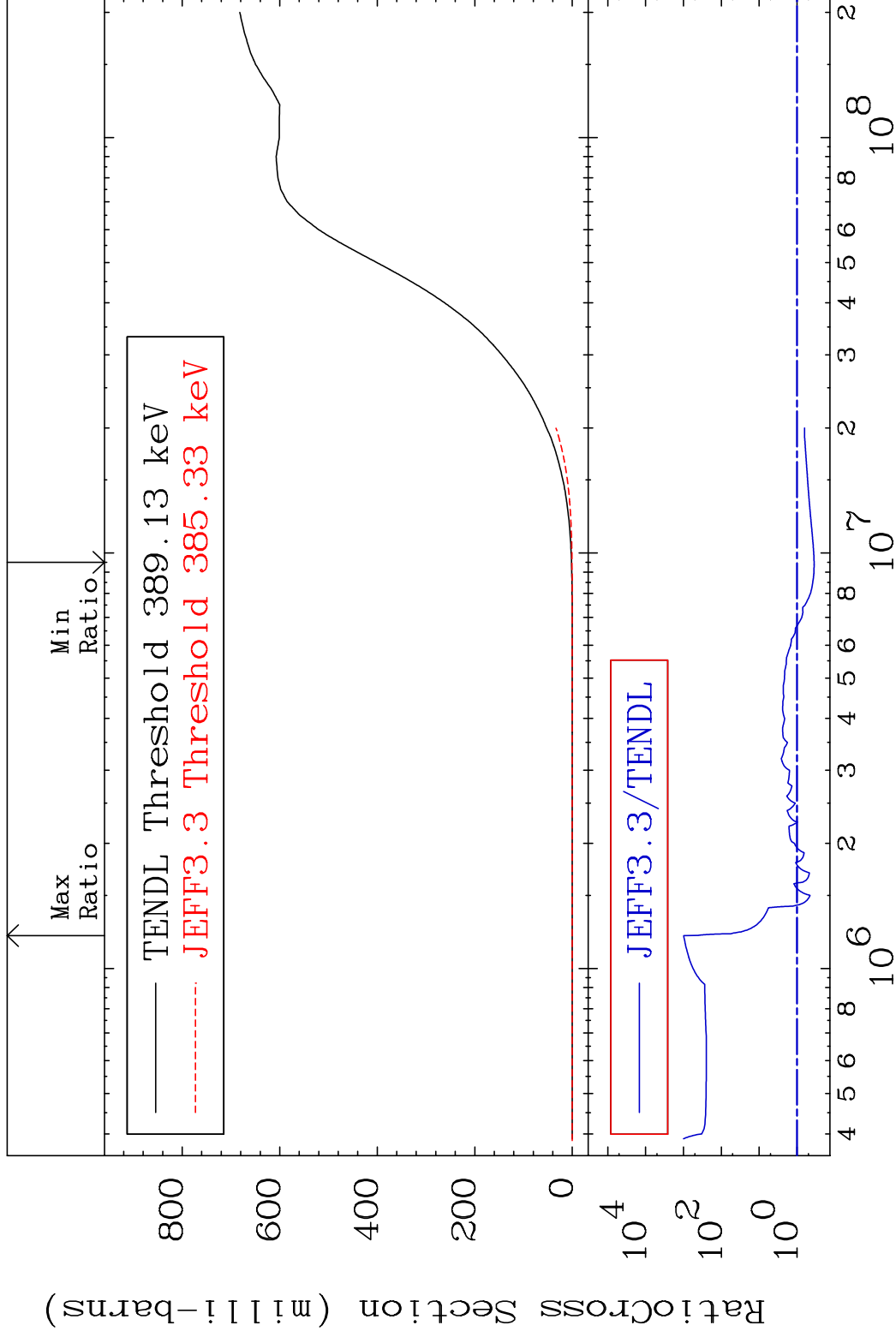
55-Cs-135

MAT 5531

Hydrogen Production

55-Cs-135

Cross Section -64.68 To 9999. %

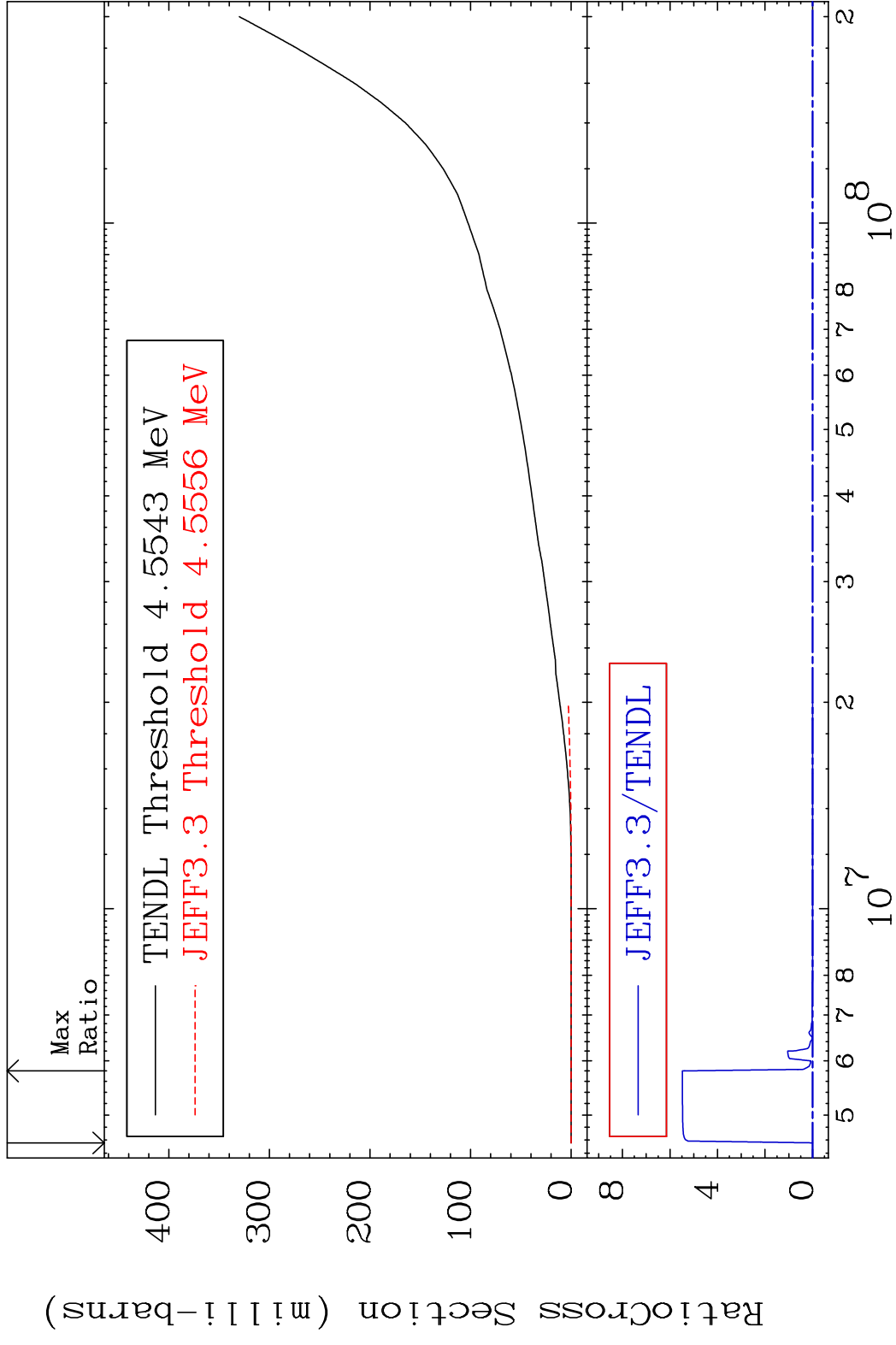


34

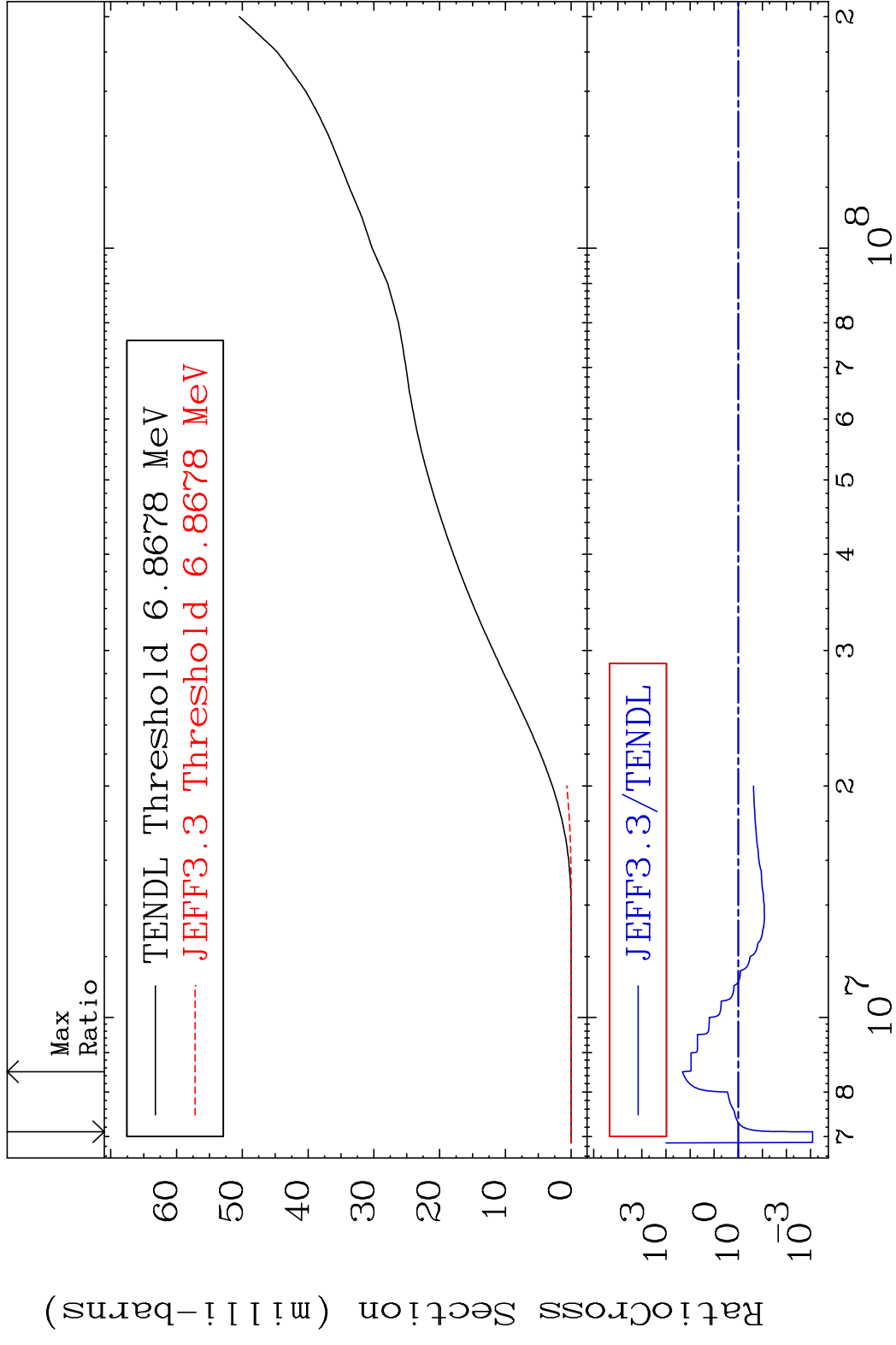
Incident Energy (eV)

55-Cs-135

MAT 5531 Deuterium Production 55-Cs-135
 Cross Section -100.0 To 9999. %



MAT 5531 Tritium Production 55-Cs-135
 Cross Section -99.92 To 9999. %

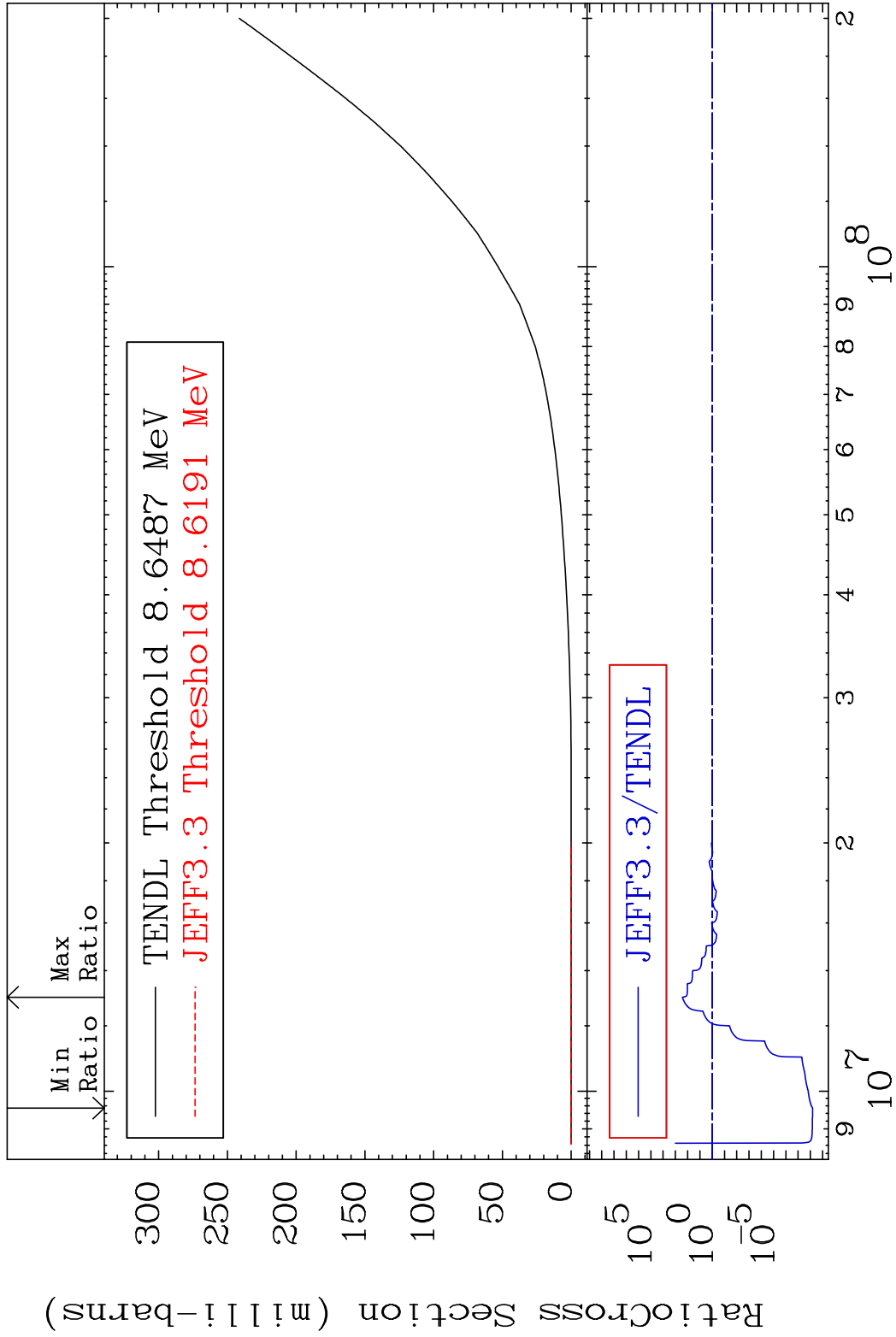


MAT 5531

He-3 Production

55-Cs-135

Cross Section -100.0 To 9999. %



37

Incident Energy (eV)

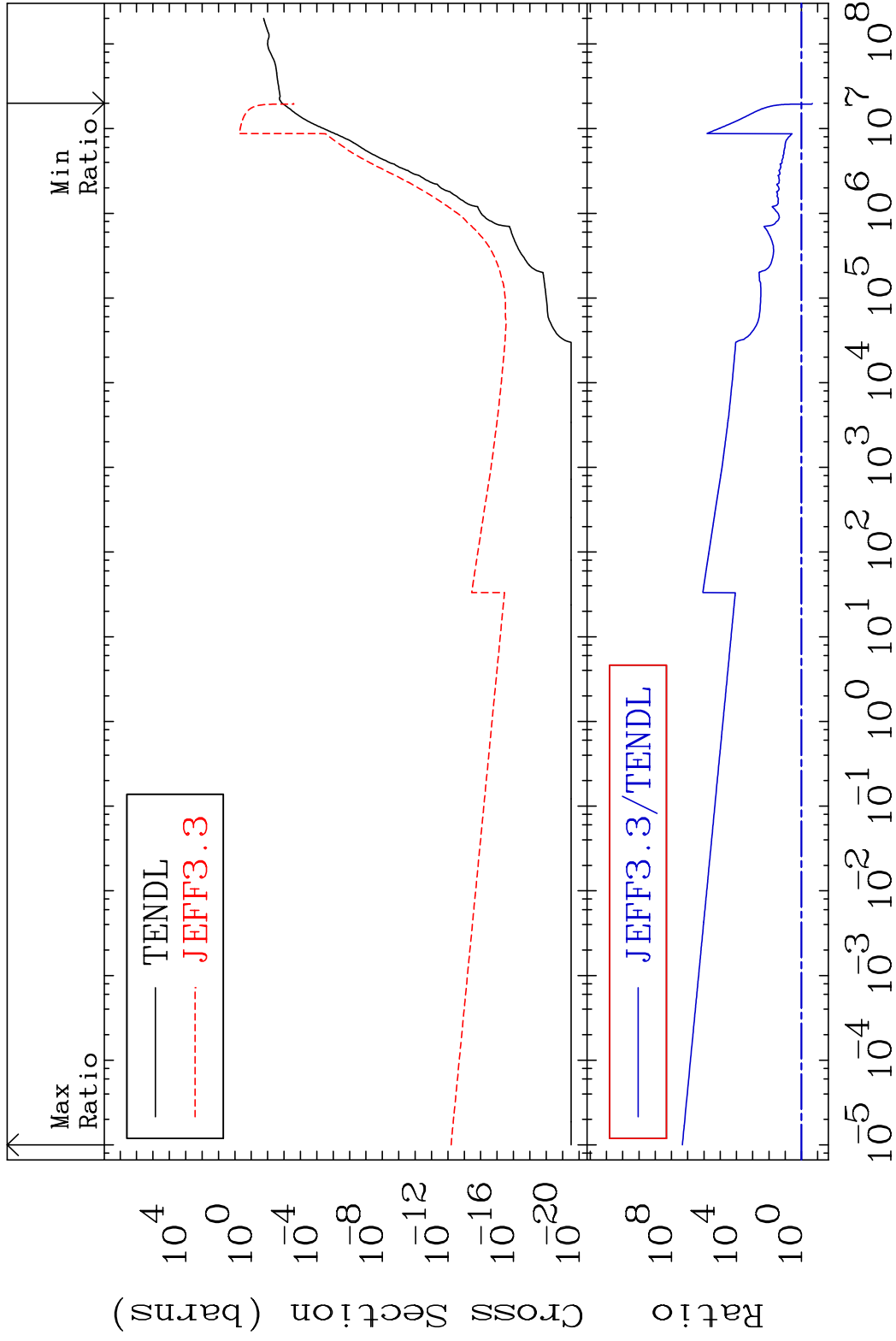
55-Cs-135

MAT 5531

He-4 Production

55-Cs-135

Cross Section -79.32 To 9999. %



38

Incident Energy (eV)

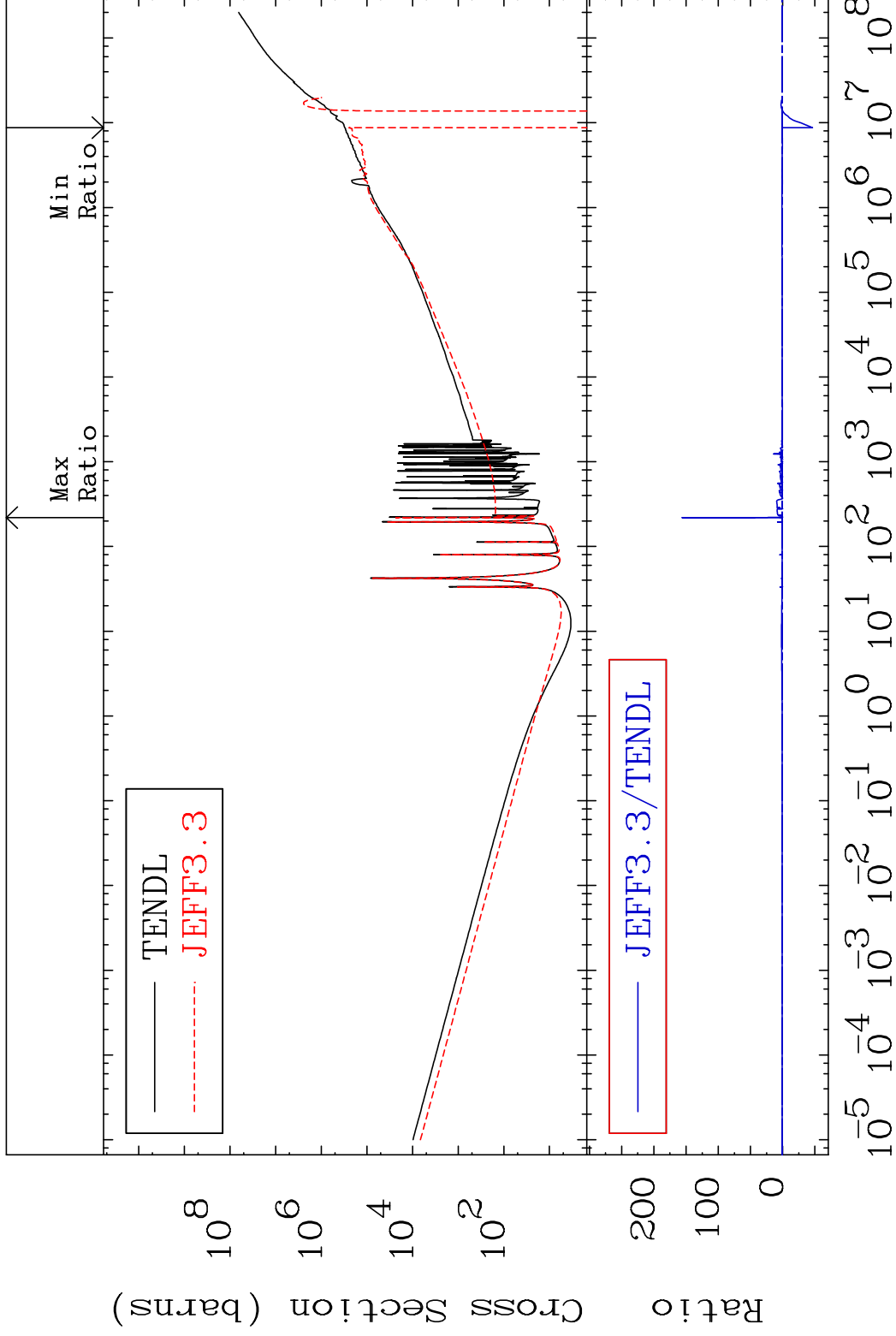
55-Cs-135

MAT 5531

Kerma total (eV-barns)

55-Cs-135

Cross Section -4721. To 9999. %



39

Incident Energy (eV)

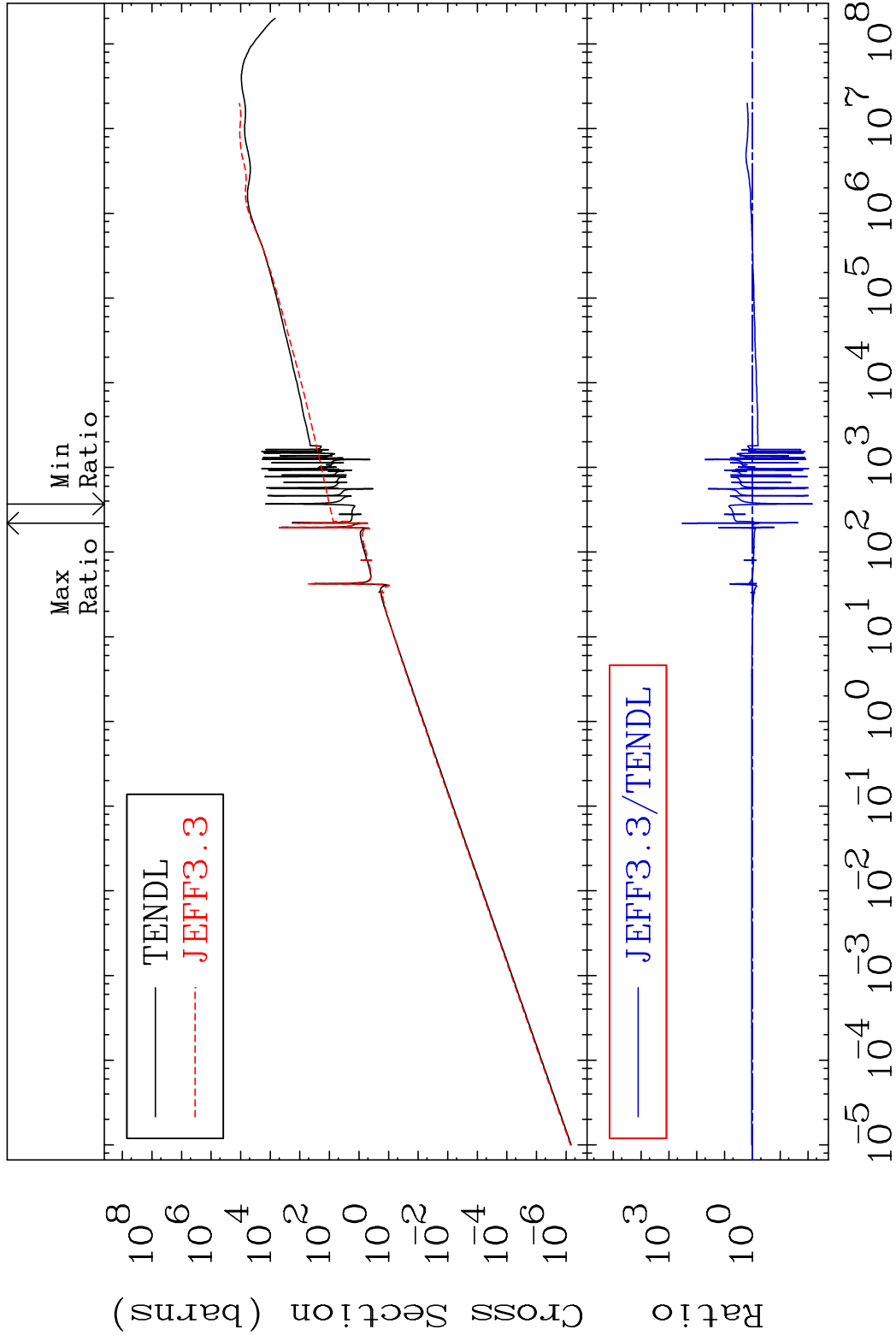
55-Cs-135

MAT 5531

Kerma elastic
Cross Section

55-Cs-135

-99.31 To 9999. %

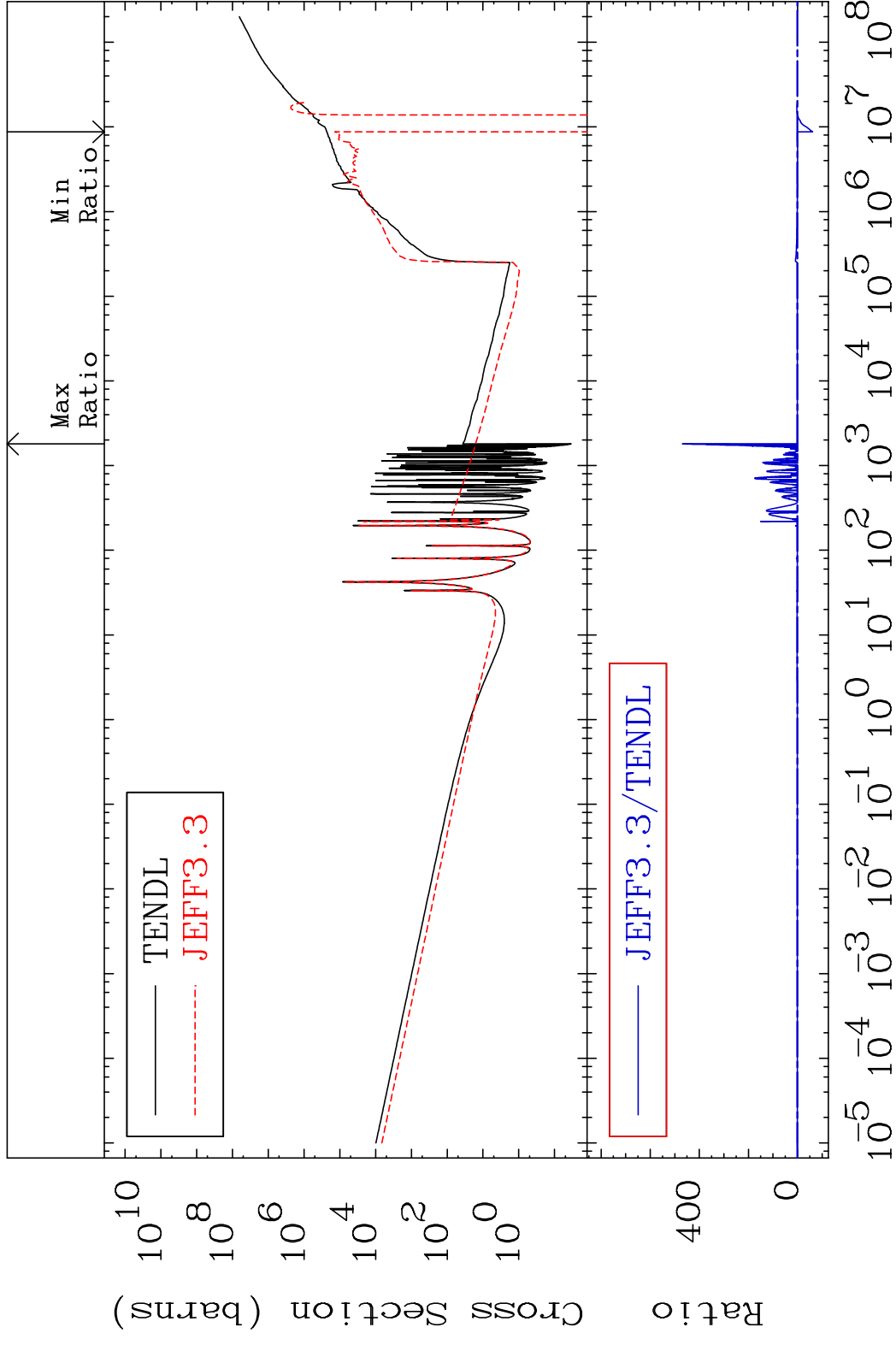


40

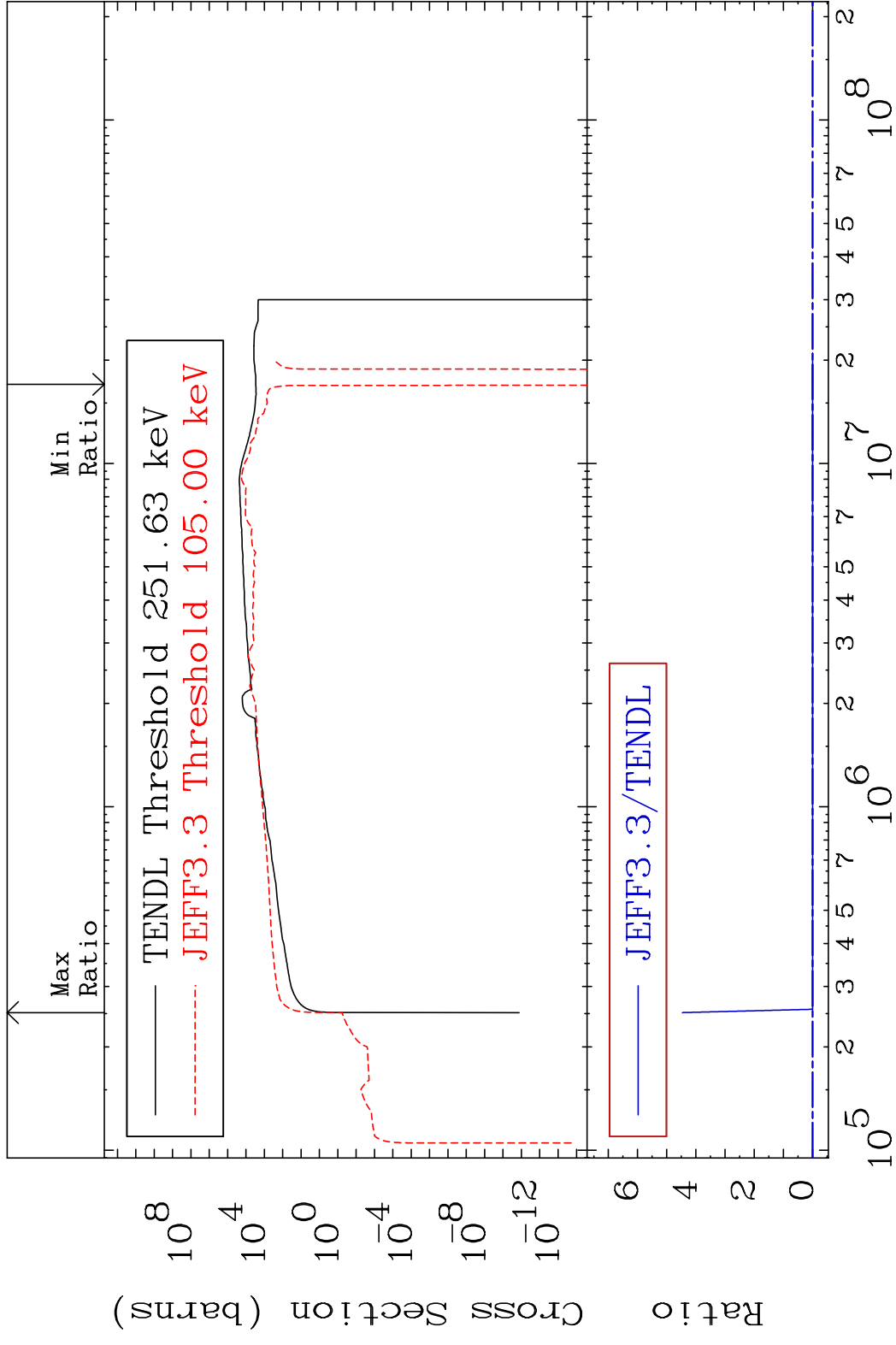
Incident Energy (eV)

55-Cs-135

MAT 5531 Kerma non-elastic (all but mt2) 55-Cs-135
 Cross Section -6220. To 9999. %

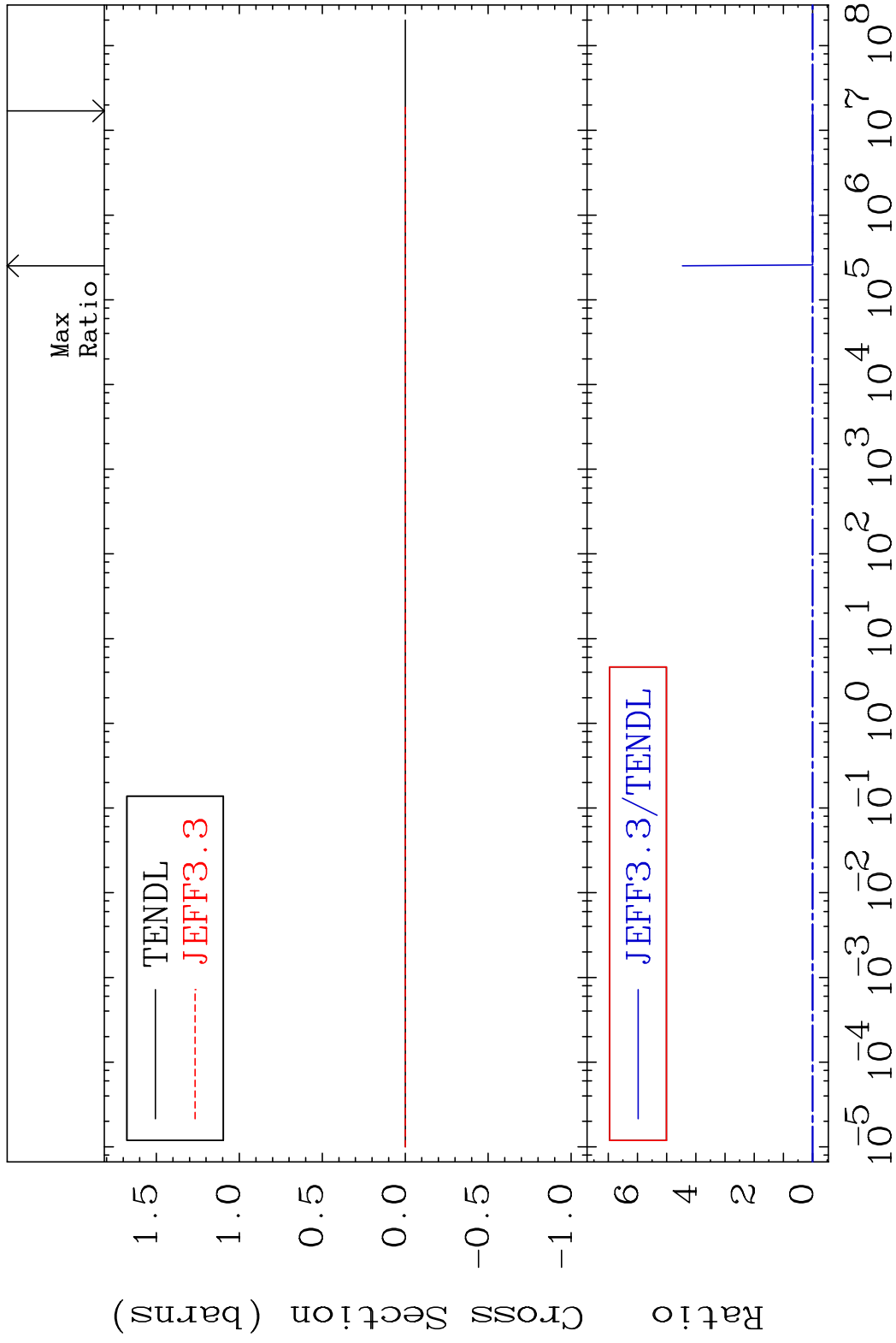


MAT 5531 Kerma inelastic (mt51-91) 55-Cs-135
 Cross Section -104.6 To 9999. %



42 Incident Energy (eV) 55-Cs-135

MAT 5531 Kerma fission (mt18 or mt19-20-21-38) 55-Cs-135
 Cross Section -104.6 To 9999. %

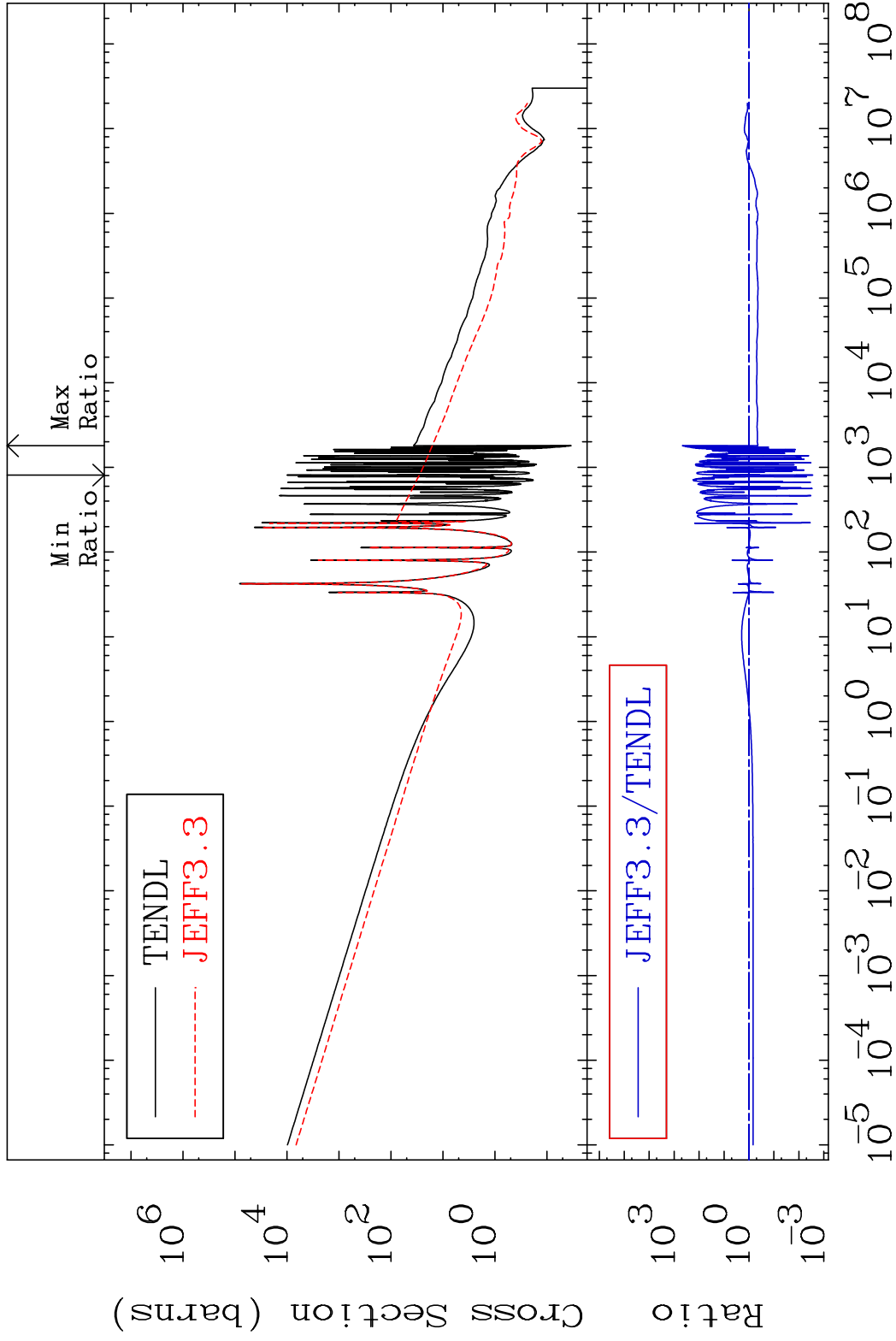


MAT 5531

Kerma capture (mt102)

55-Cs-135

Cross Section -99.72 To 9999. %



44

Incident Energy (eV)

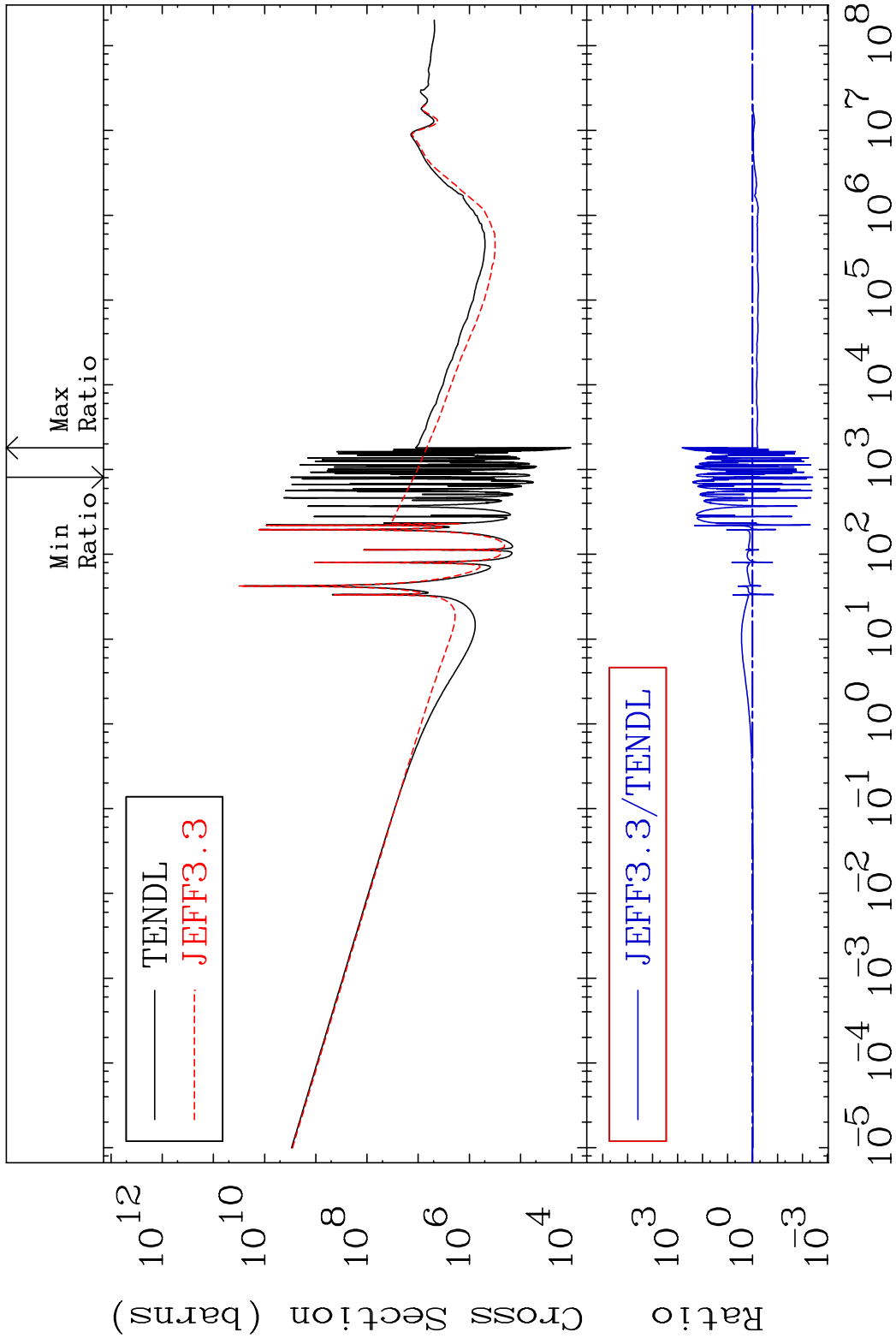
55-Cs-135

MAT 5531

Total photon (eV-barns)

55-Cs-135

Cross Section -99.60 To 9999. %

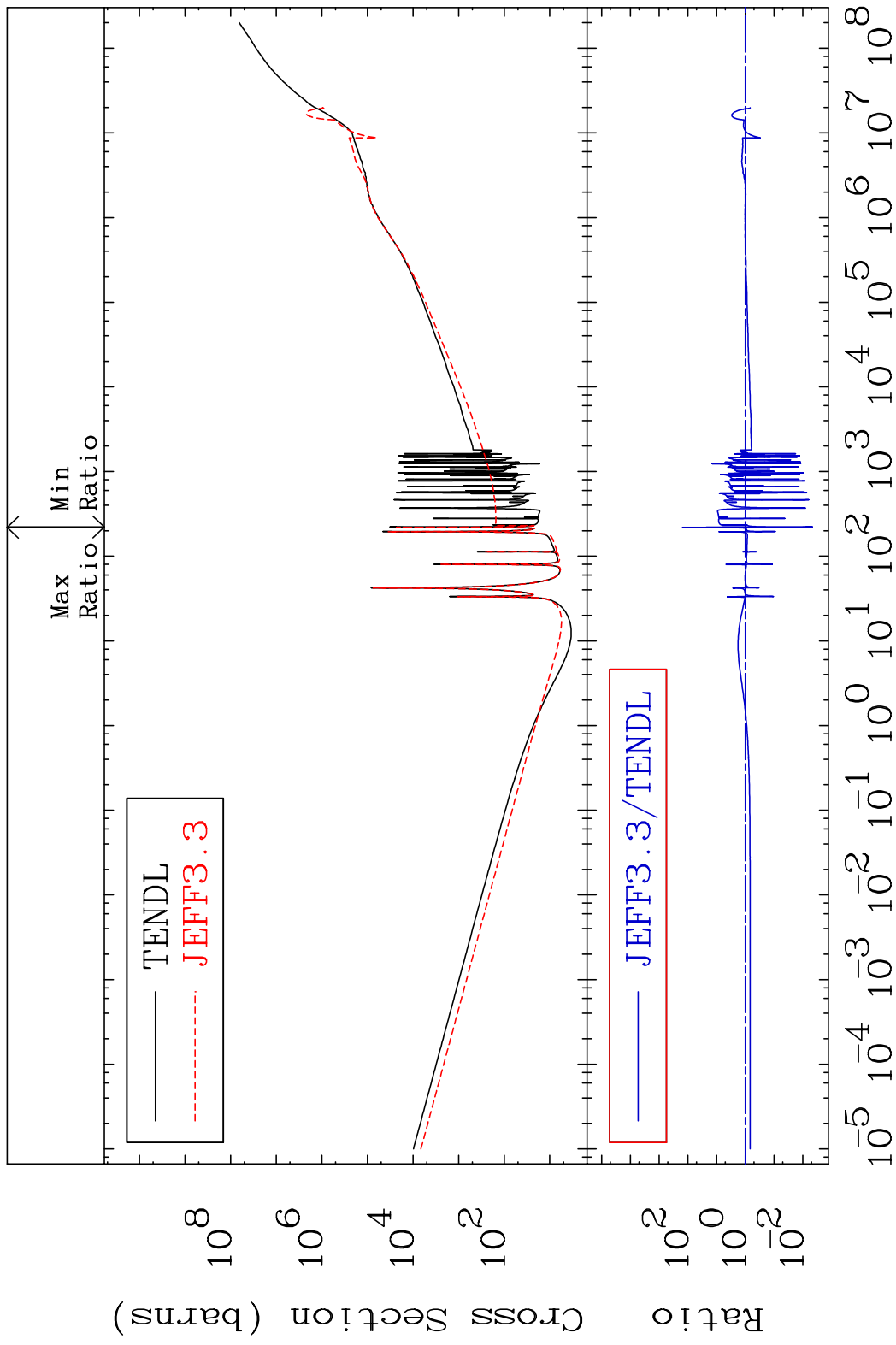


45

Incident Energy (eV)

55-Cs-135

MAT 5531 Total kinematic kerma (high limit) 55-Cs-135
 Cross Section -99.54 To 9999. %

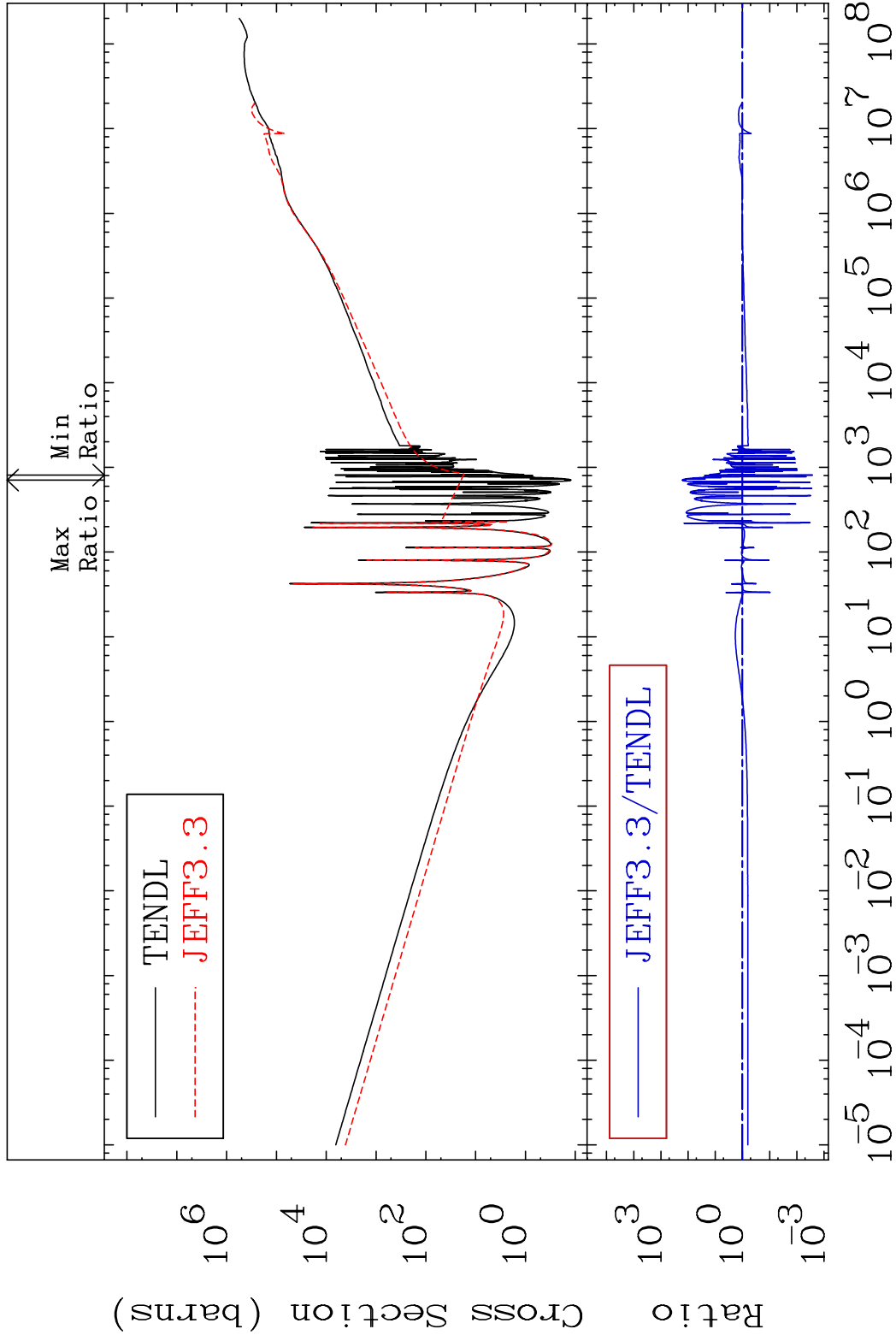


MAT 5531

Dpa total (eV-barns)

55-Cs-135

Cross Section -99.74 To 9999. %



47

Incident Energy (eV)

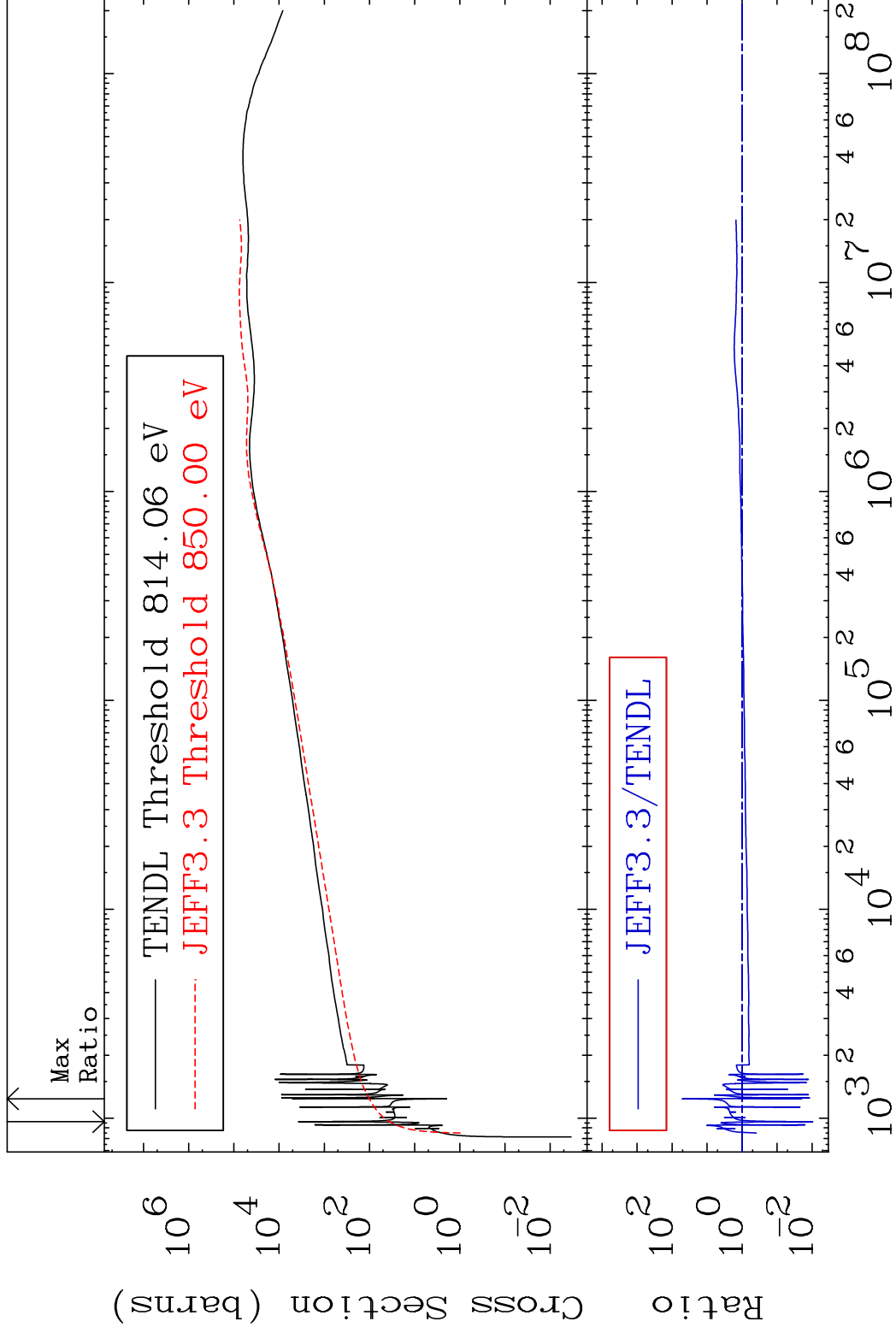
55-Cs-135

MAT 5531

Dpa elastic (mt2)

55-Cs-135

Cross Section -99.03 To 4986. %

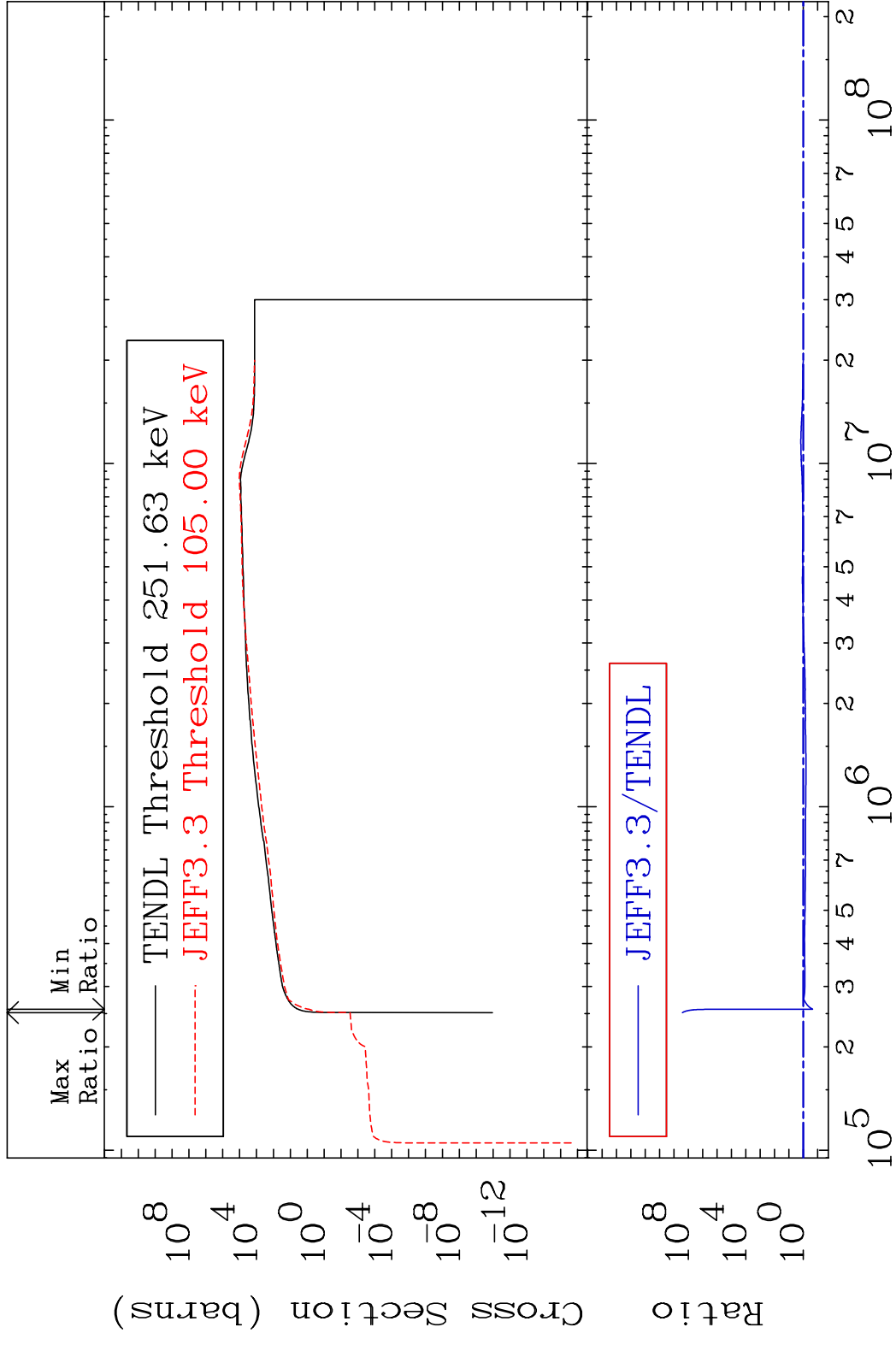


48

Incident Energy (eV)

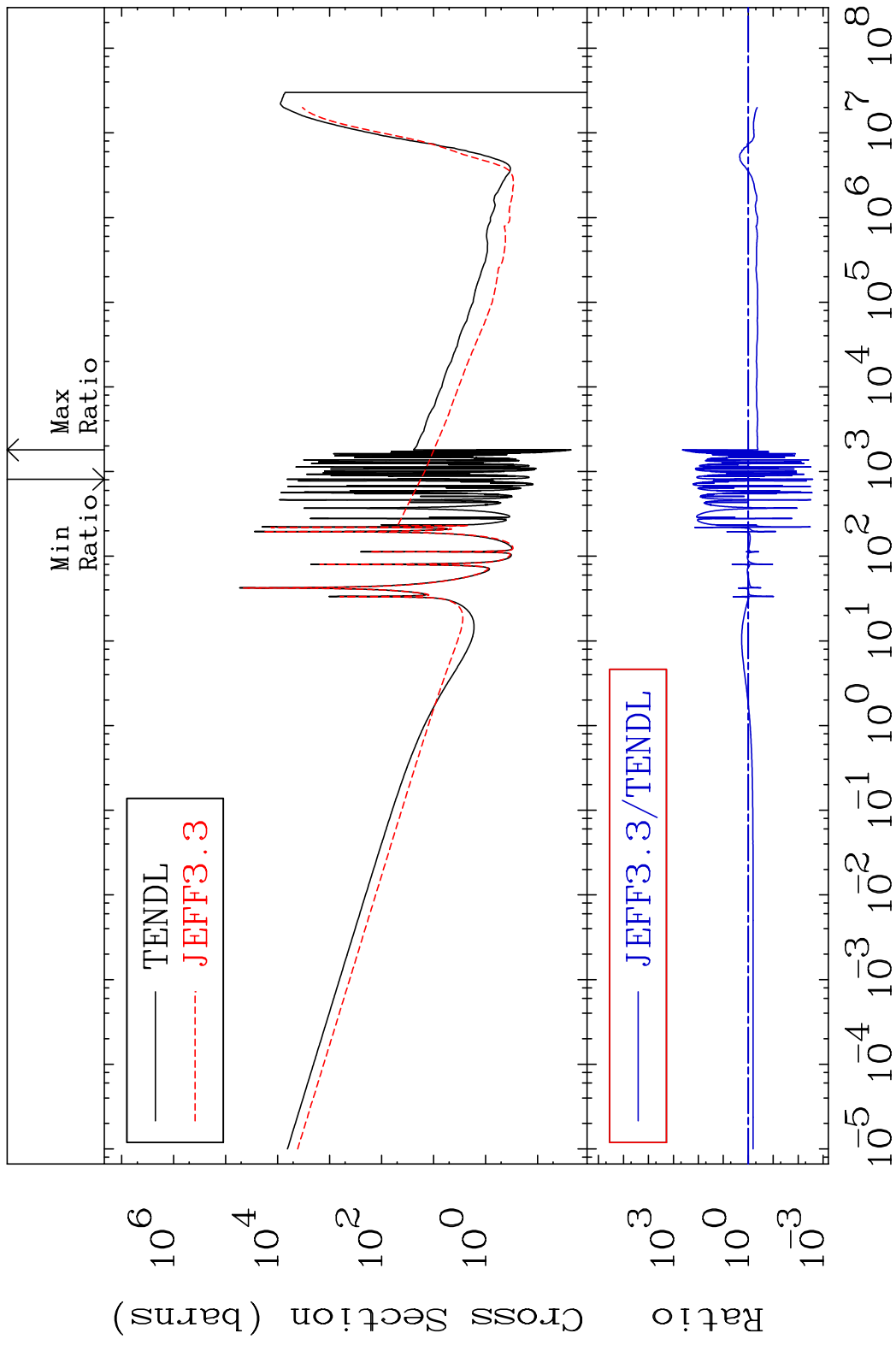
55-Cs-135

MAT 5531 Dpa inelastic (mt51-91) 55-Cs-135
 Cross Section -77.63 To 9999. %



49 Incident Energy (eV) 55-Cs-135

MAT 5531 Dpa disappearance (mt102 -120) 55-Cs-135
Cross Section -99.74 To 9999. %



50 Incident Energy (eV) 55-Cs-135