

Program Complot
(Version 2021-1)

by

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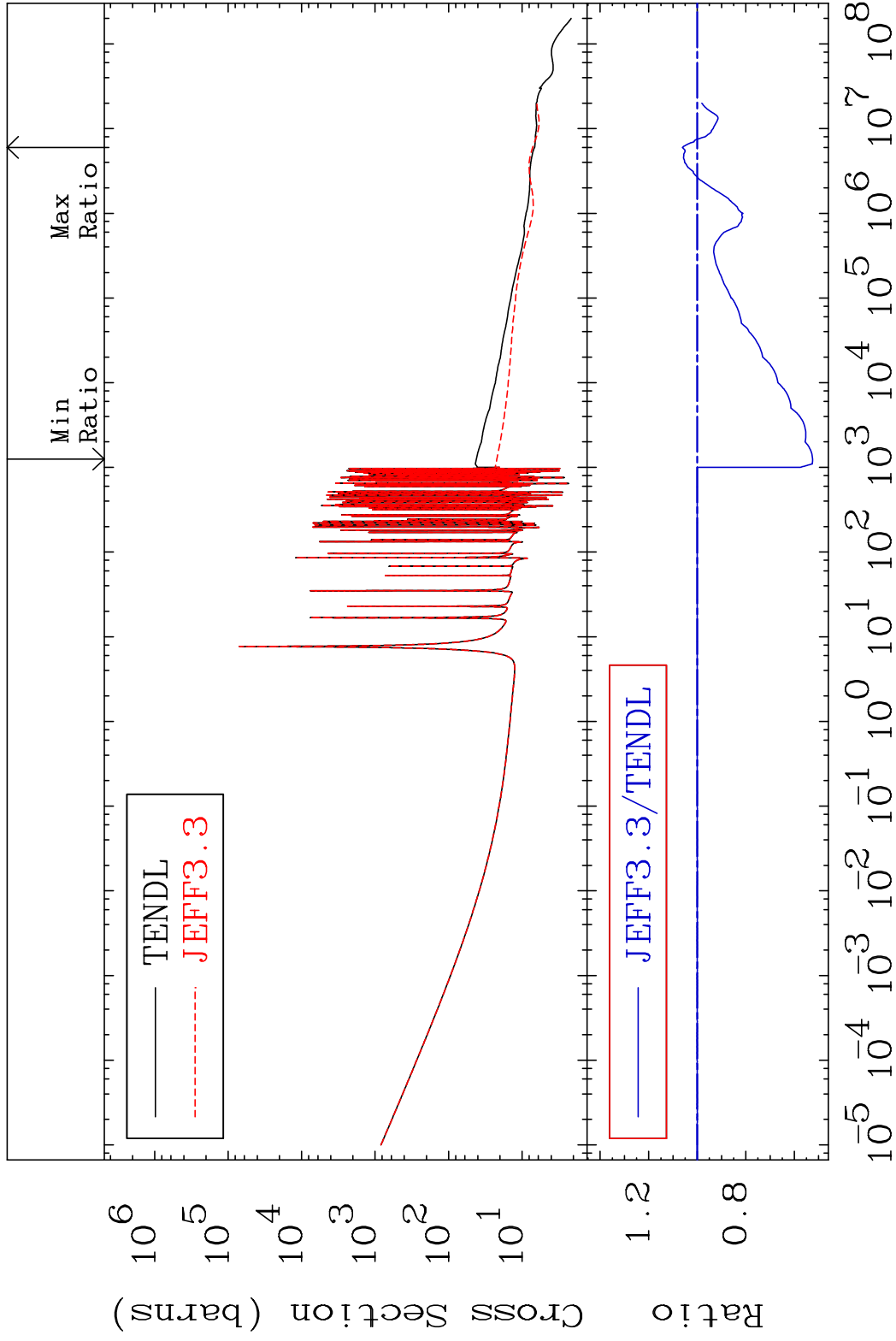
Press Mouse Button to Start

MAT 9637

Total

96-Cm-244

Cross Section -47.50 To 6.138 %



1

Incident Energy (eV)

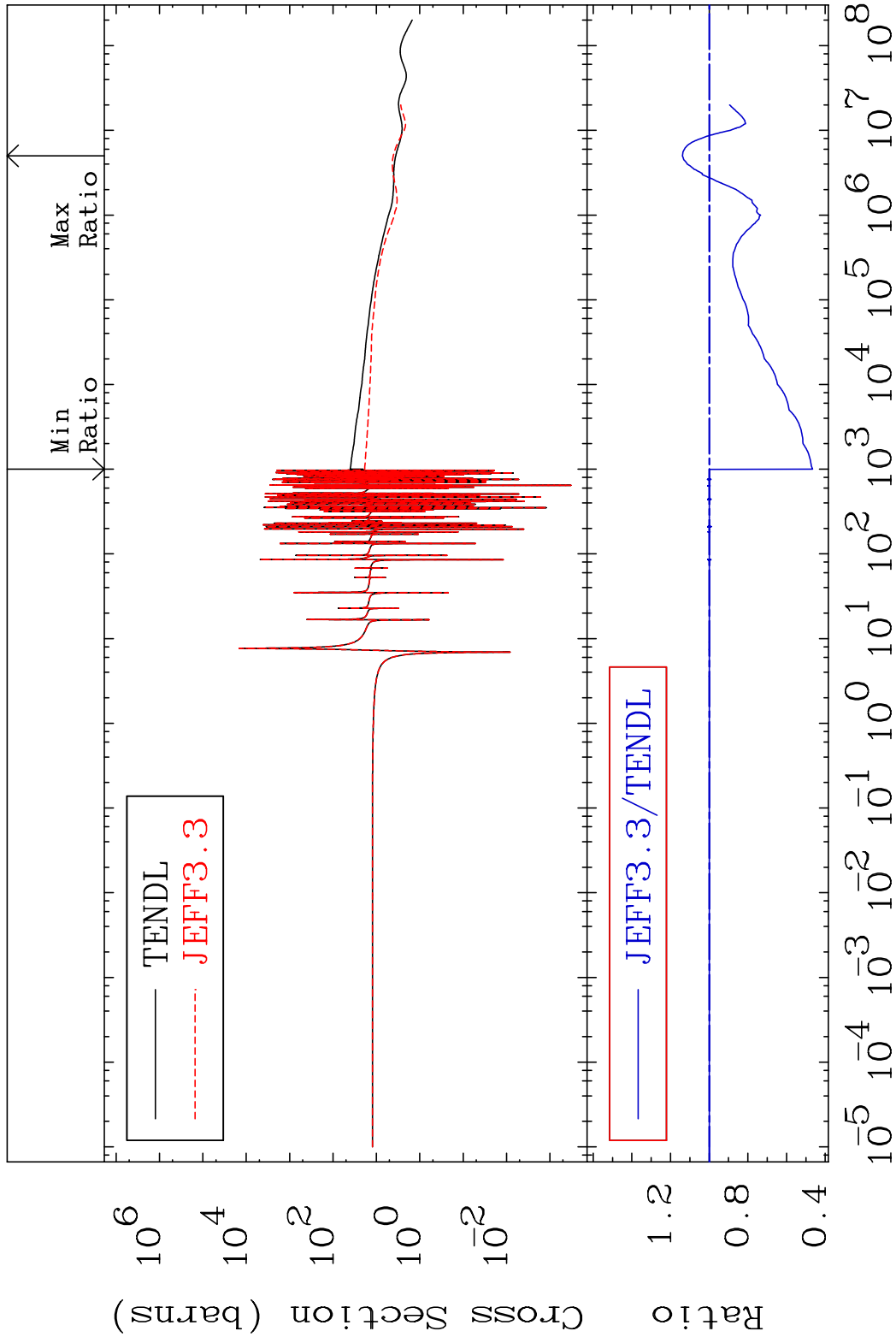
96-Cm-244

MAT 9637

Elastic

96-Cm-244

Cross Section -53.45 To 13.89 %



2

Incident Energy (eV)

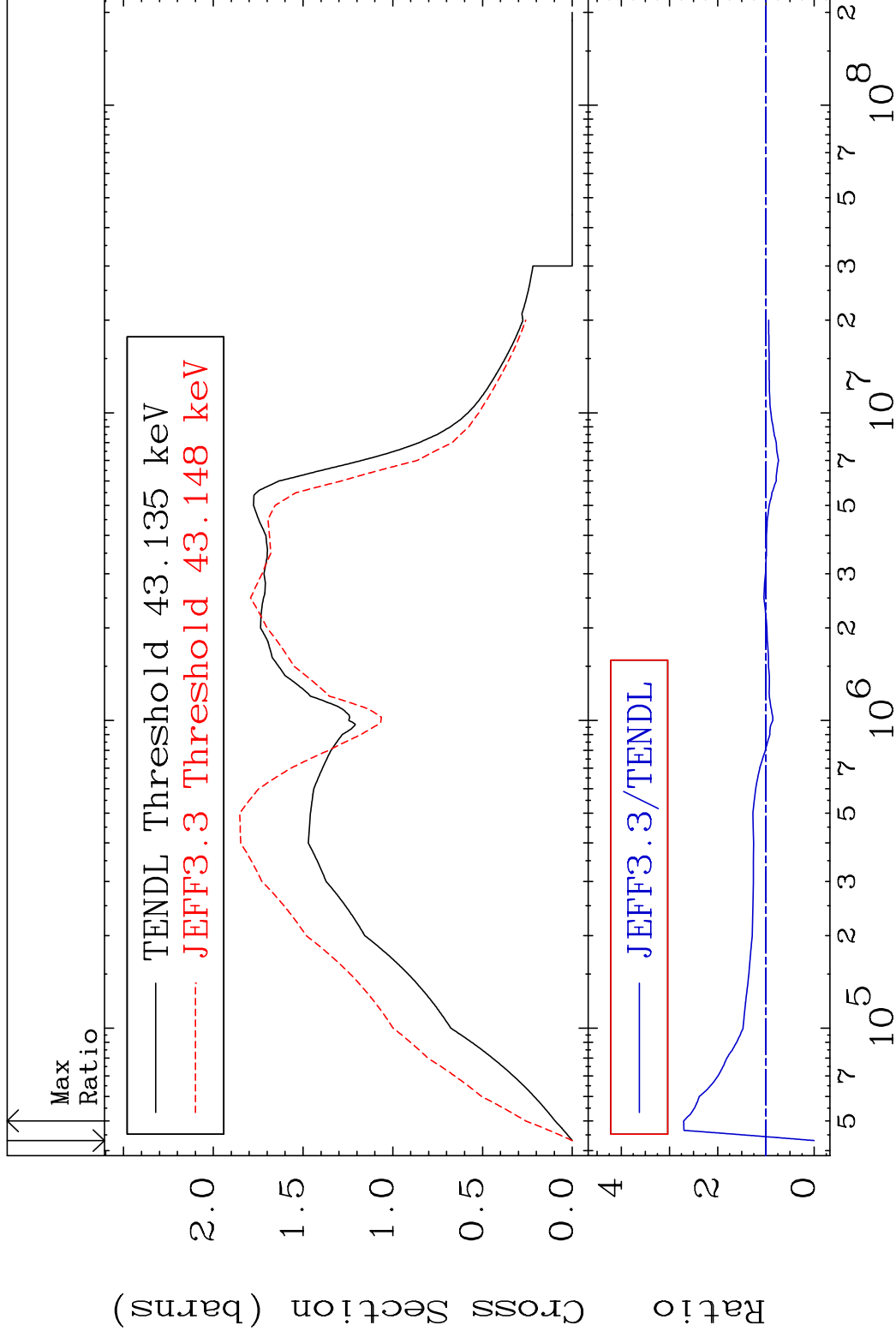
96-Cm-244

MAT 9637

Inelastic

96-Cm-244

Cross Section -100.0 To 170.5 %



3

Incident Energy (eV)

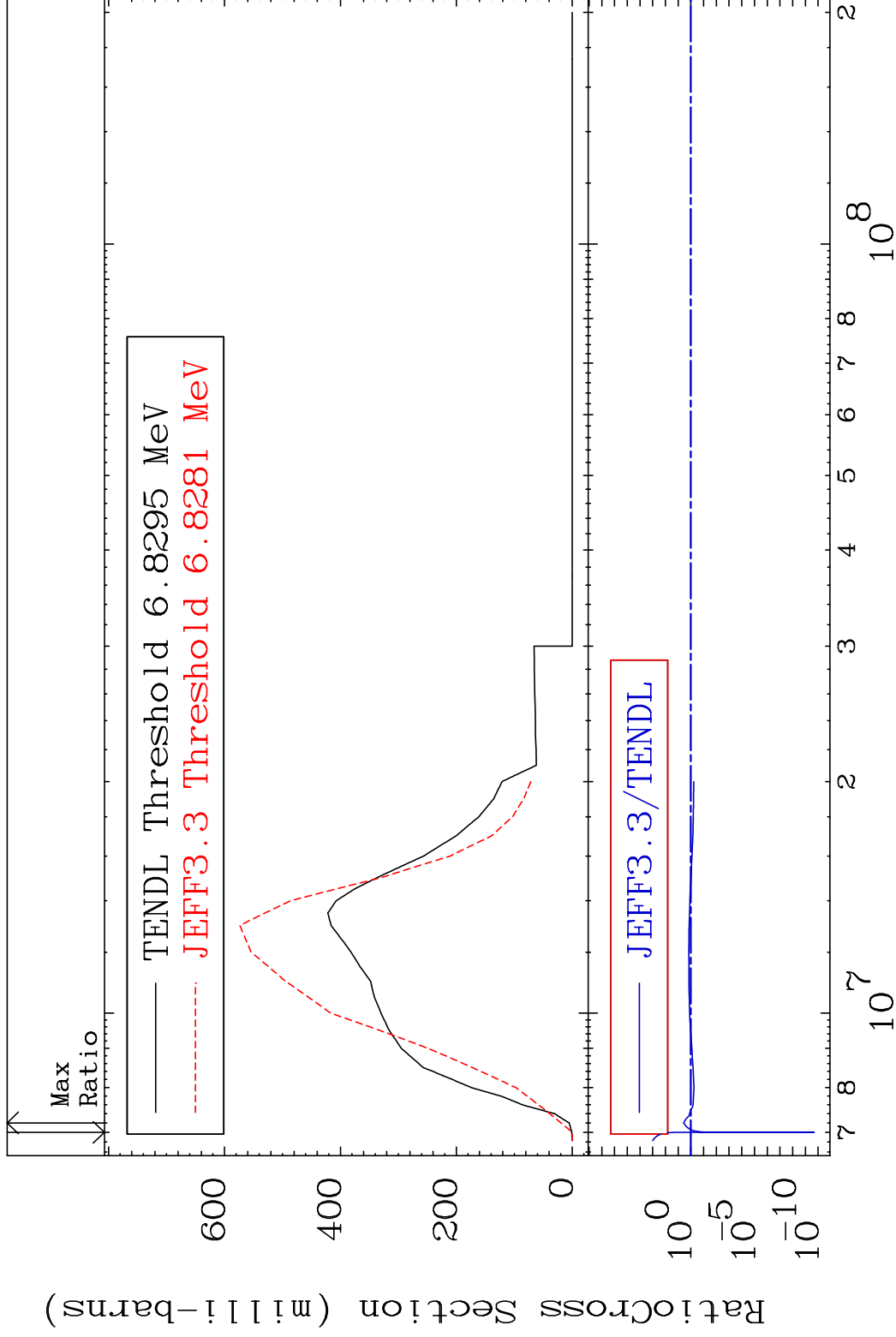
96-Cm-244

MAT 9637

(n,2n)

96-Cm-244

Cross Section -100.0 To 269.1 %



4

Incident Energy (eV)

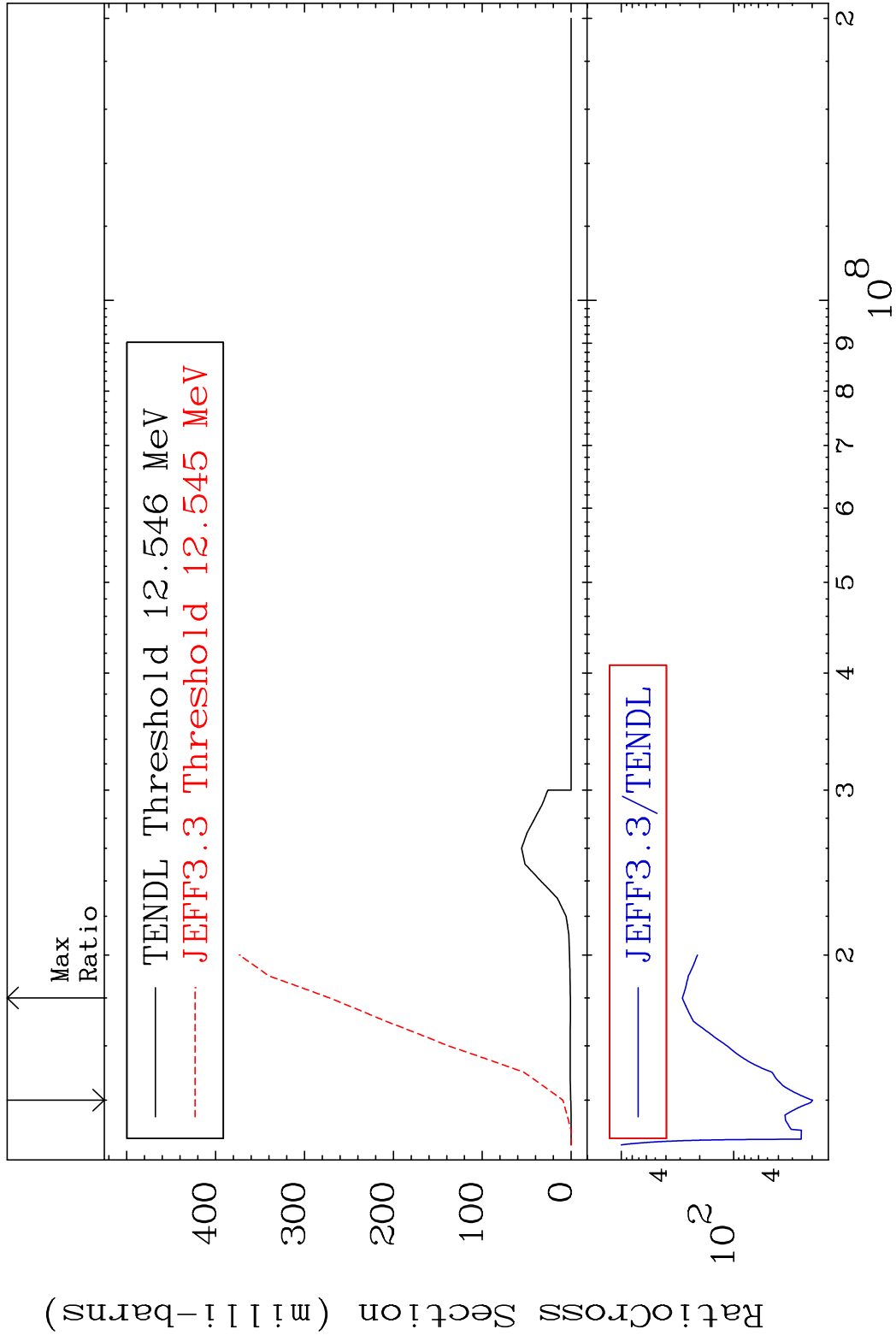
96-Cm-244

MAT 9637

(n,3n)

96-Cm-244

Cross Section 1882. To 9999. %



5

Incident Energy (eV)

96-Cm-244

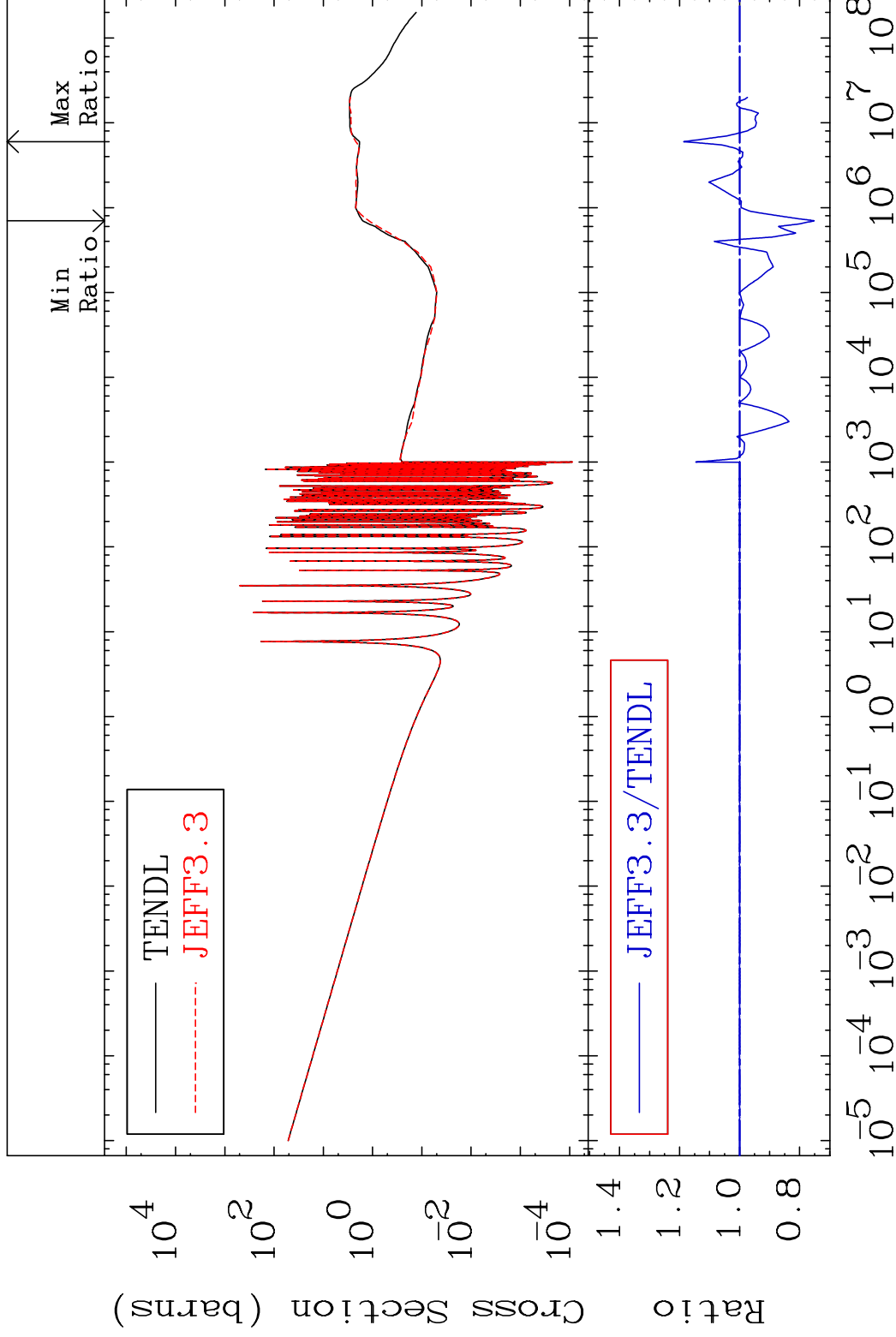
MAT 9637

Fission

96-Cm-244

Cross Section

-24.82 To 18.63 %

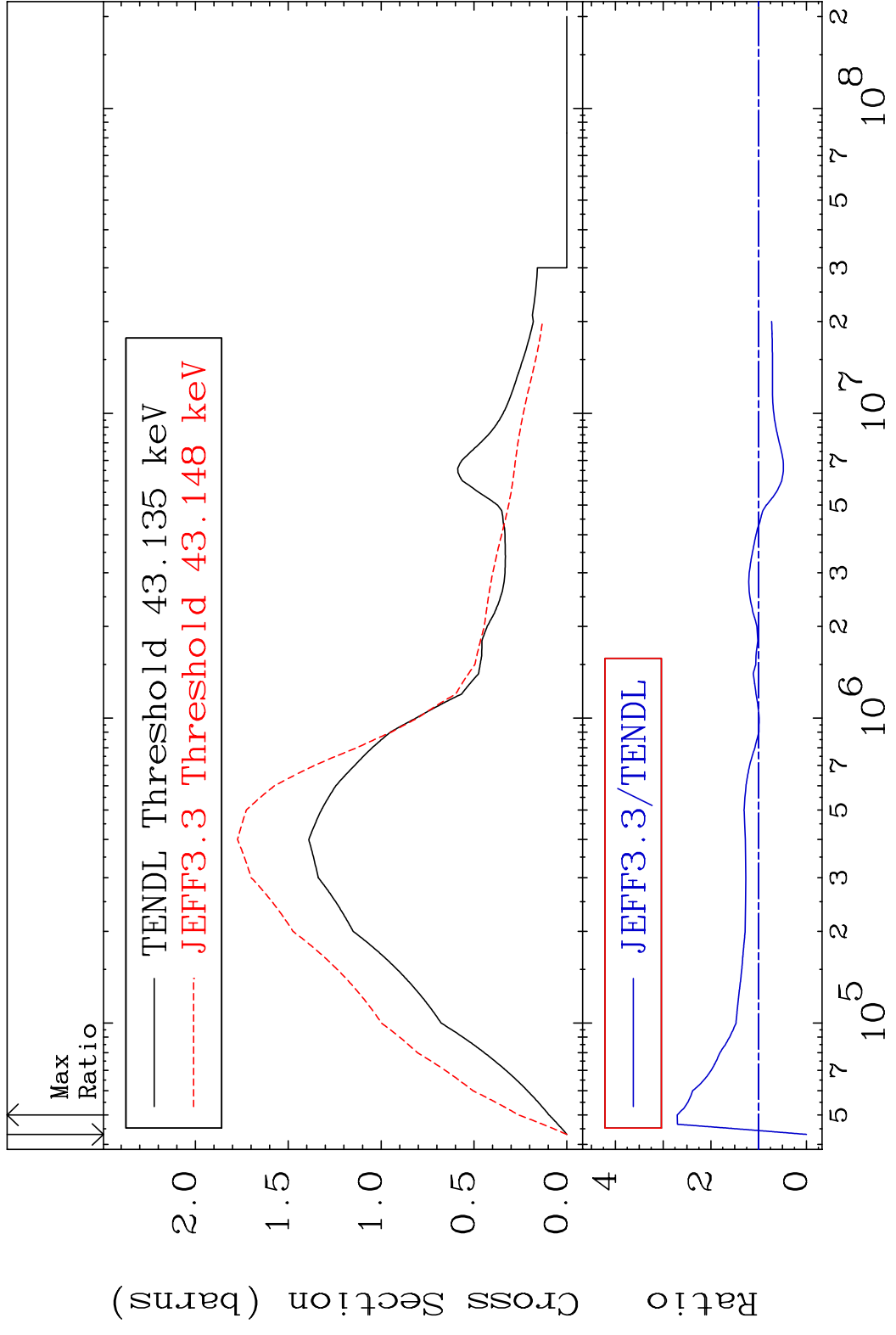


6

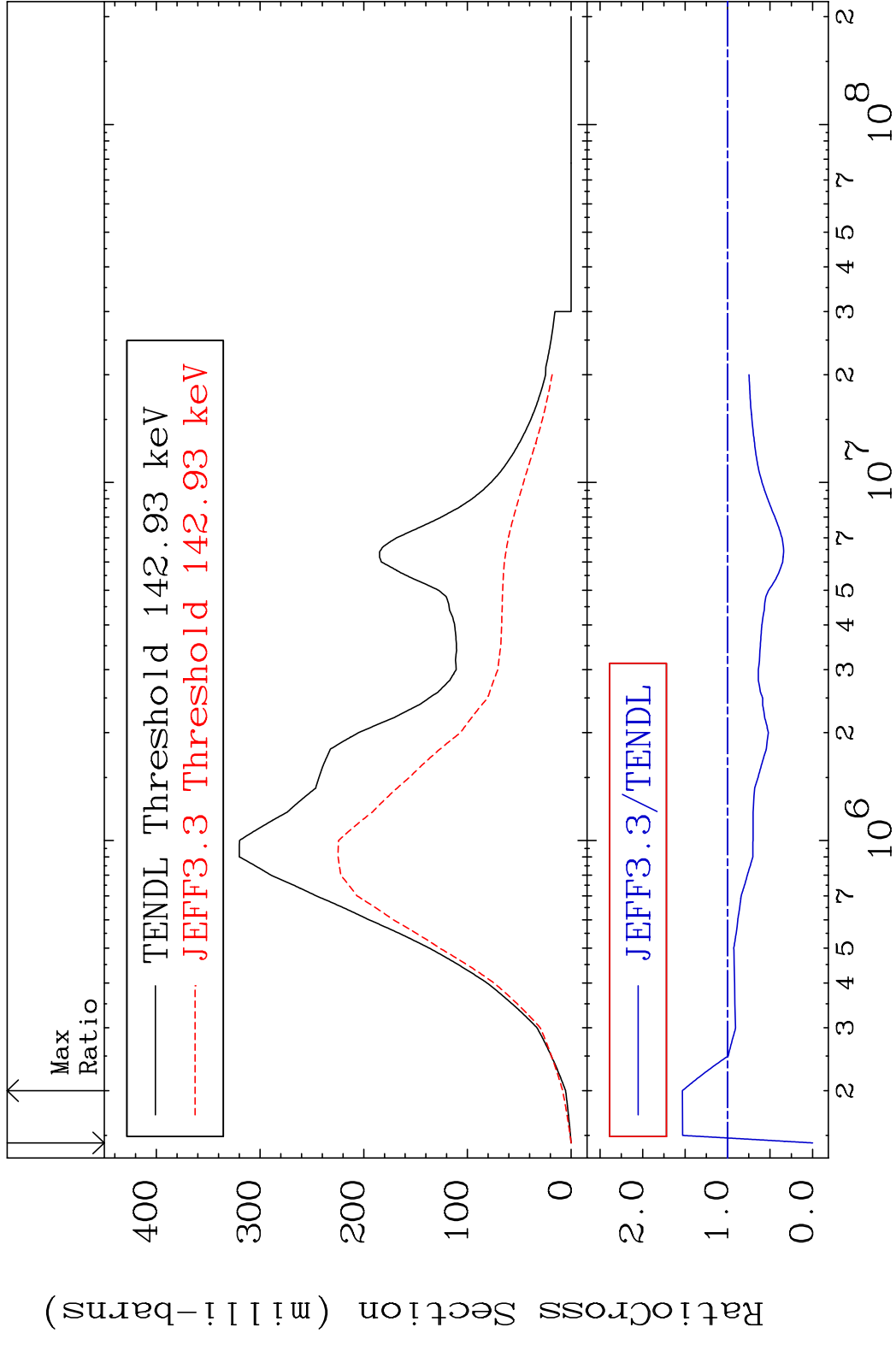
Incident Energy (eV)

96-Cm-244

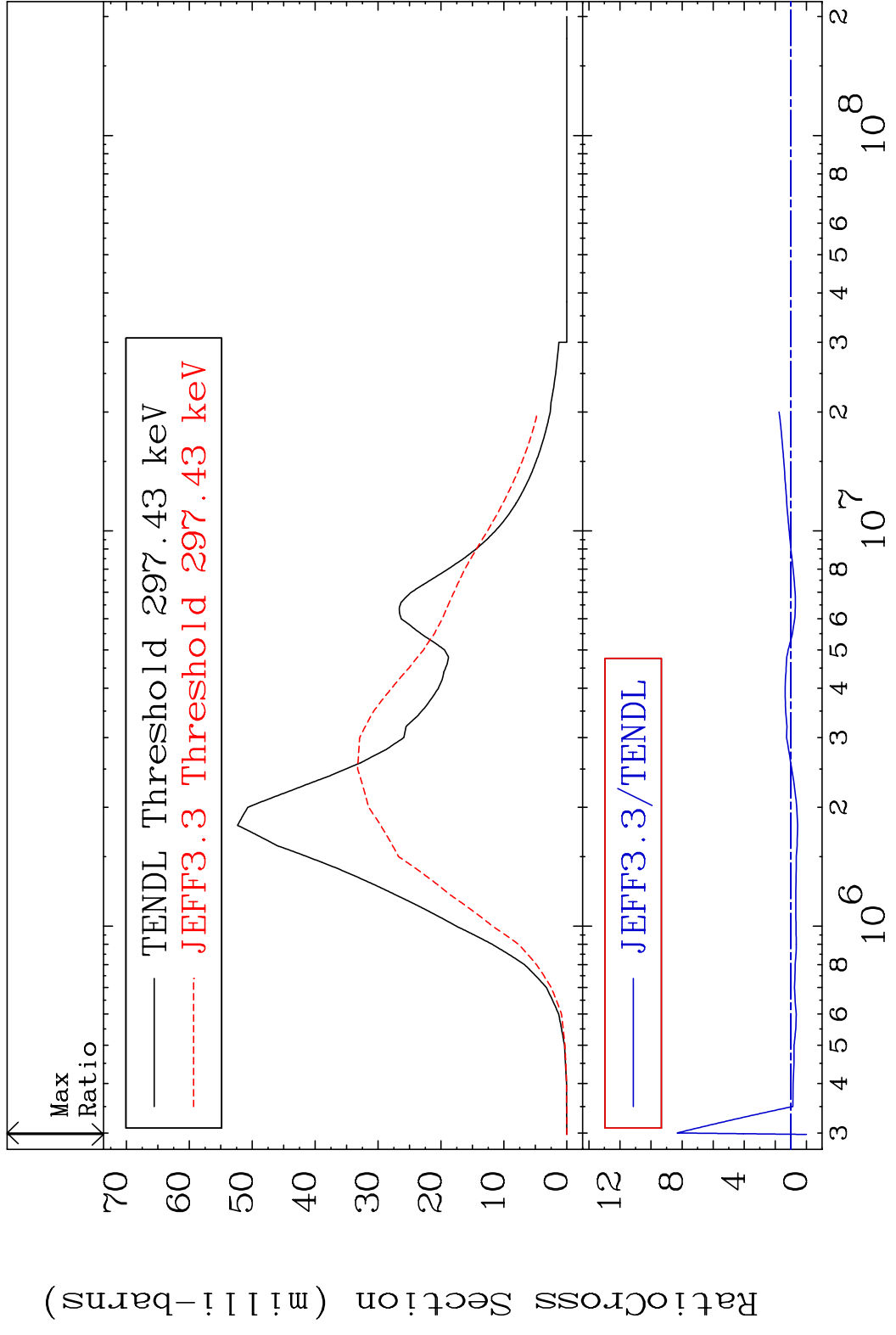
MAT 9637 MT= 51 (n,n') Level 96-Cm-244
 Cross Section -100.0 To 170.5 %



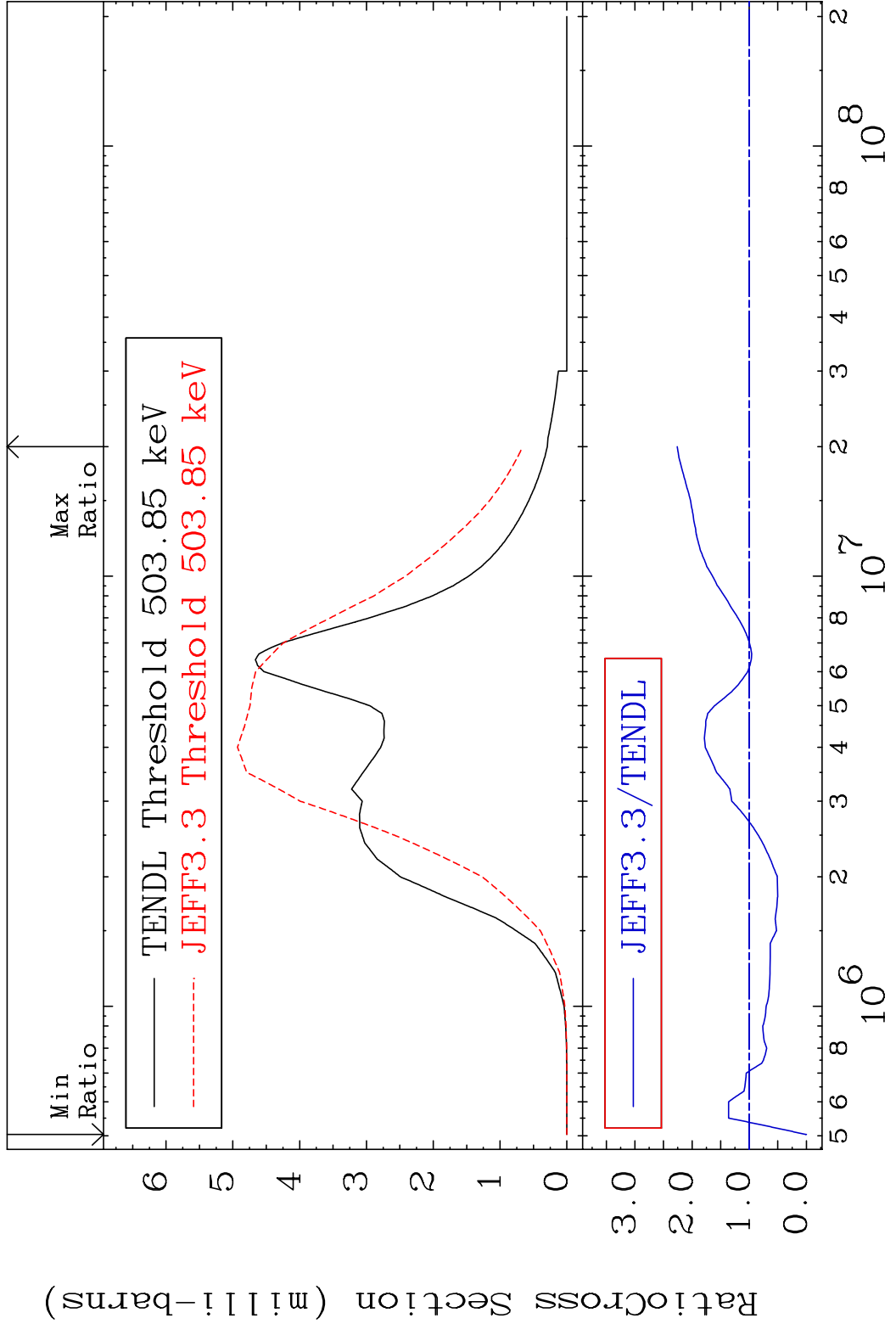
MAT 9637 MT= 52 (n, n') Level 96-Cm-244
 Cross Section -100.0 To 53.23 %



MAT 9637 MT= 53 (n,n') Level 96-Cm-244
 Cross Section -100.0 To 731.7 %

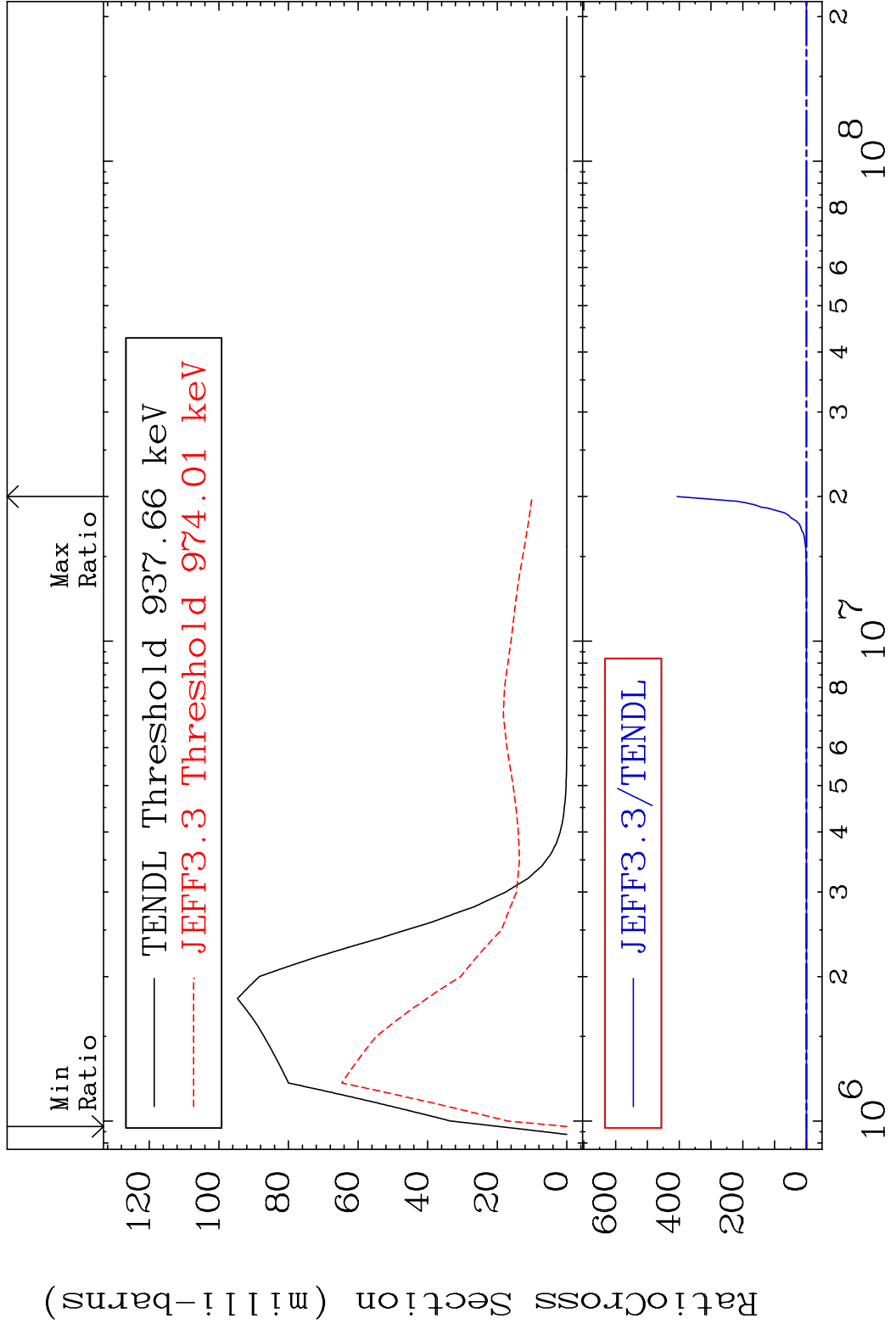


MAT 9637 MT= 54 (n, n') Level 96-Cm-244
 Cross Section -100.0 To 126.0 %



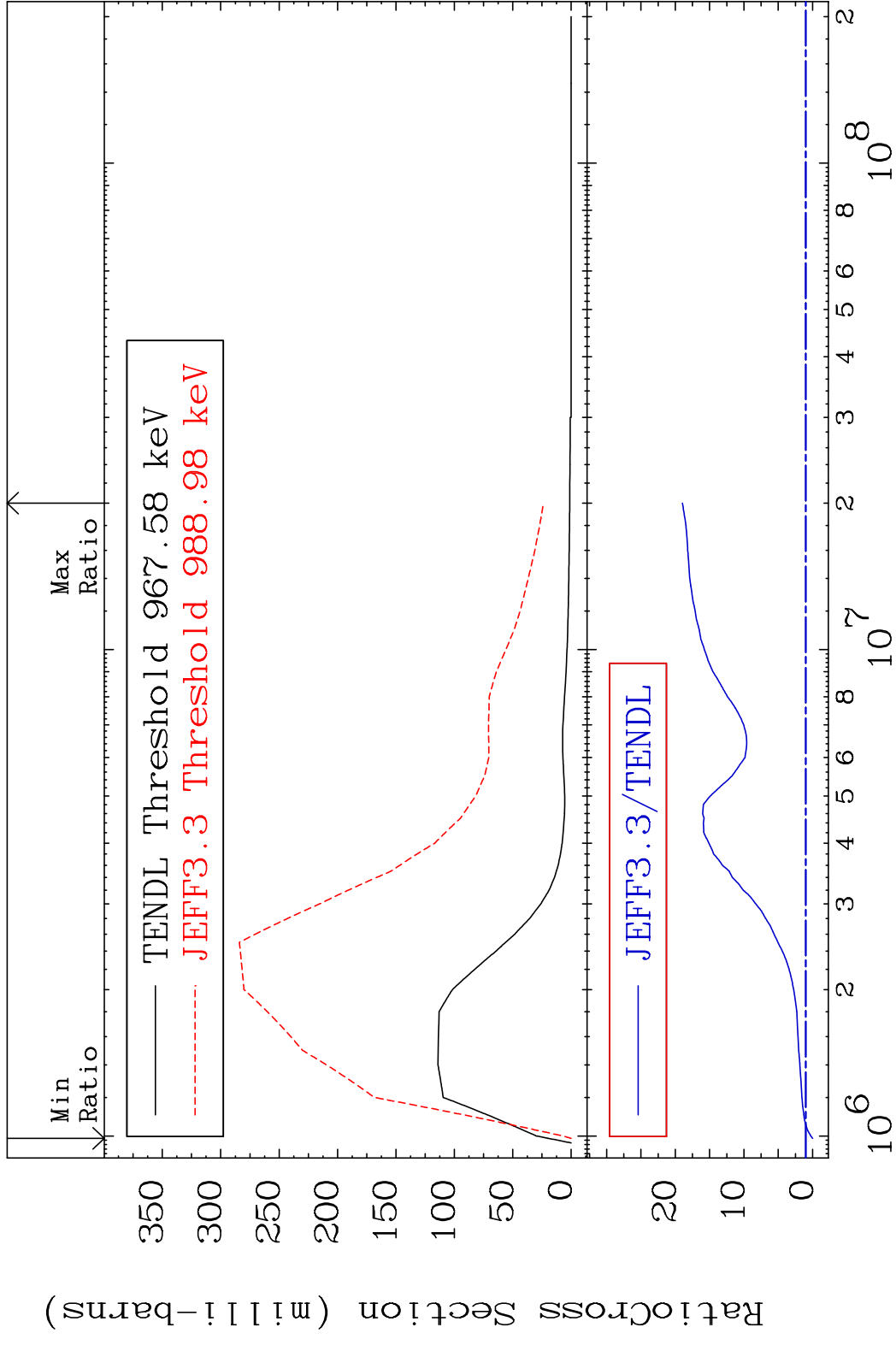
10 Incident Energy (eV) 96-Cm-244

MAT 9637 MT= 55 (n, n') Level 96-Cm-244
 Cross Section -100.0 To 9999. %



11 Incident Energy (eV) 96-Cm-244

MAT 9637 MT= 56 (n, n') Level 96-Cm-244
 Cross Section -100.0 To 1797. %



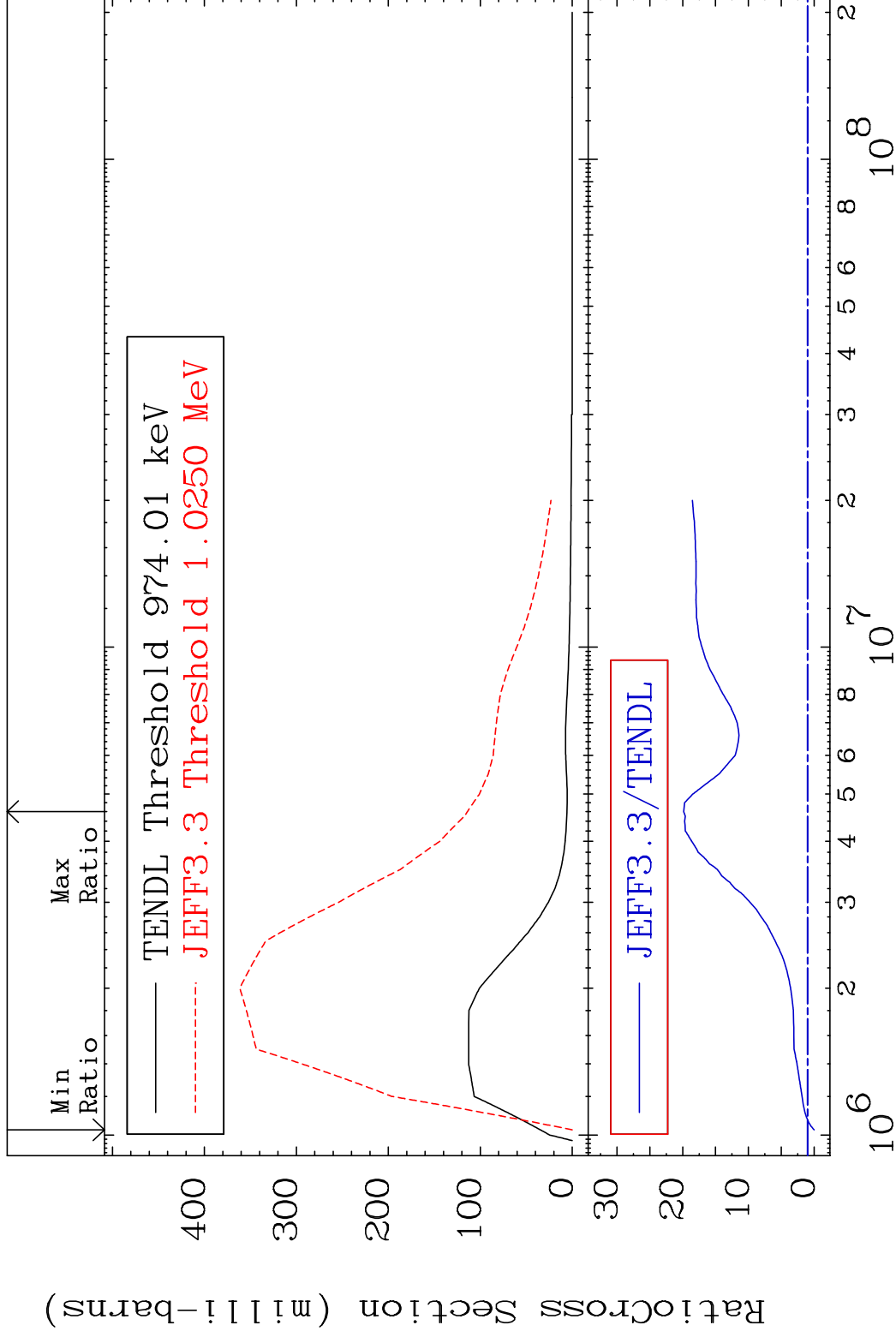
12 Incident Energy (eV) 96-Cm-244

MAT 9637

MT= 57 (n, n') Level

96-Cm-244

Cross Section -100.0 To 1886. %

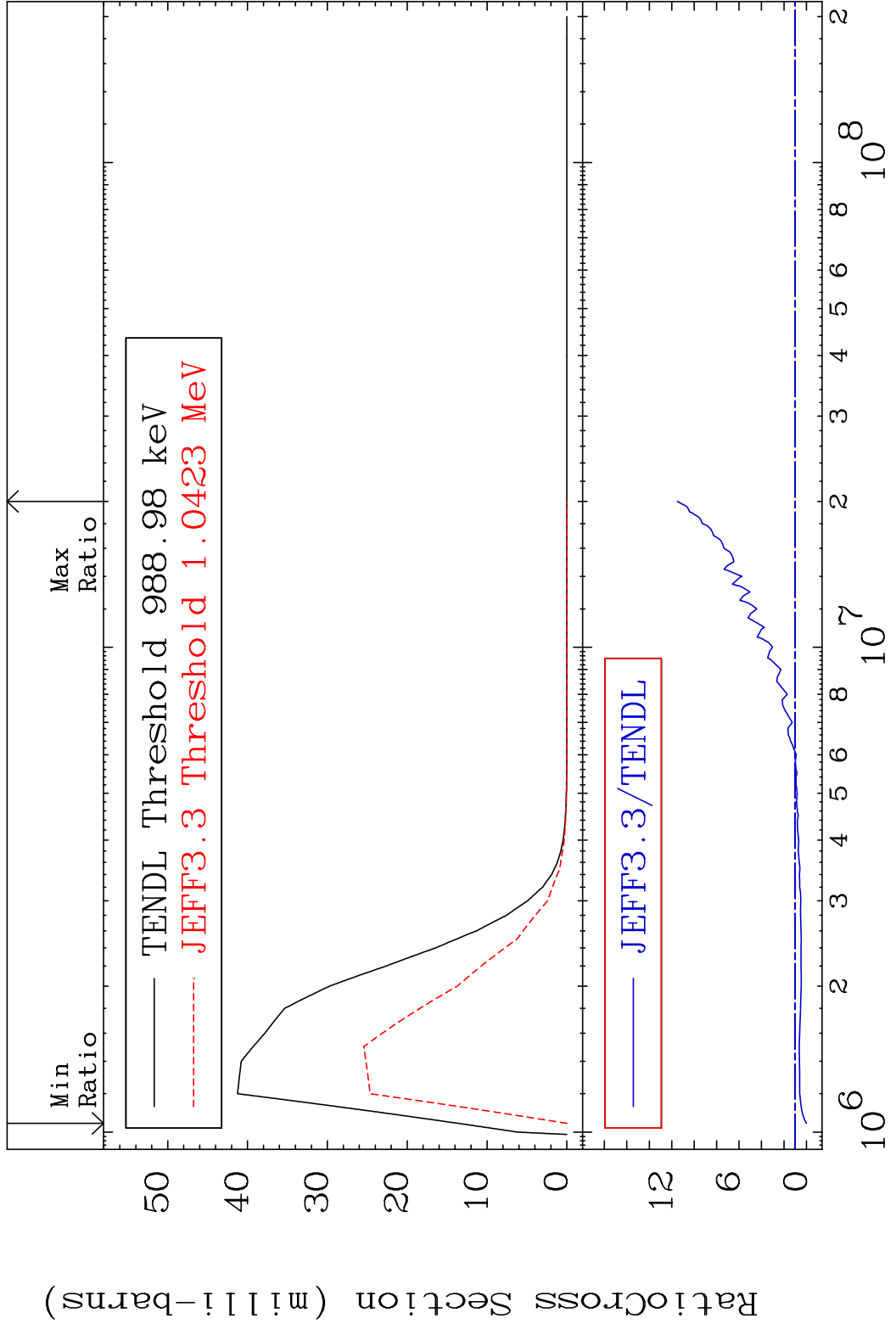


13

Incident Energy (eV)

96-Cm-244

MAT 9637 MT= 58 (n, n') Level 96-Cm-244
 Cross Section -100.0 To 1051. %



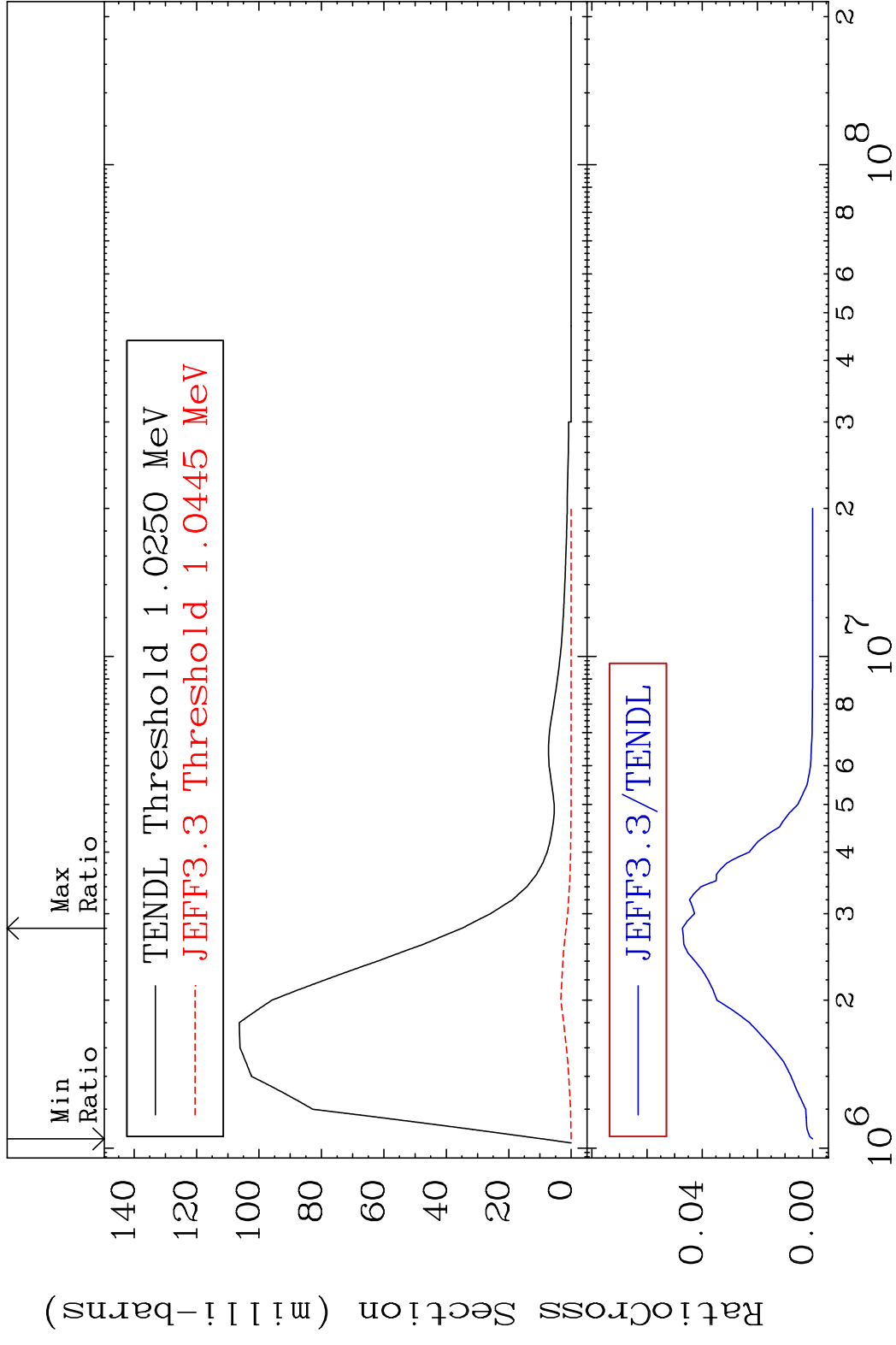
14

MAT 9637

MT= 59 (n,n') Level

96-Cm-244

Cross Section -100.0 To -95.28%

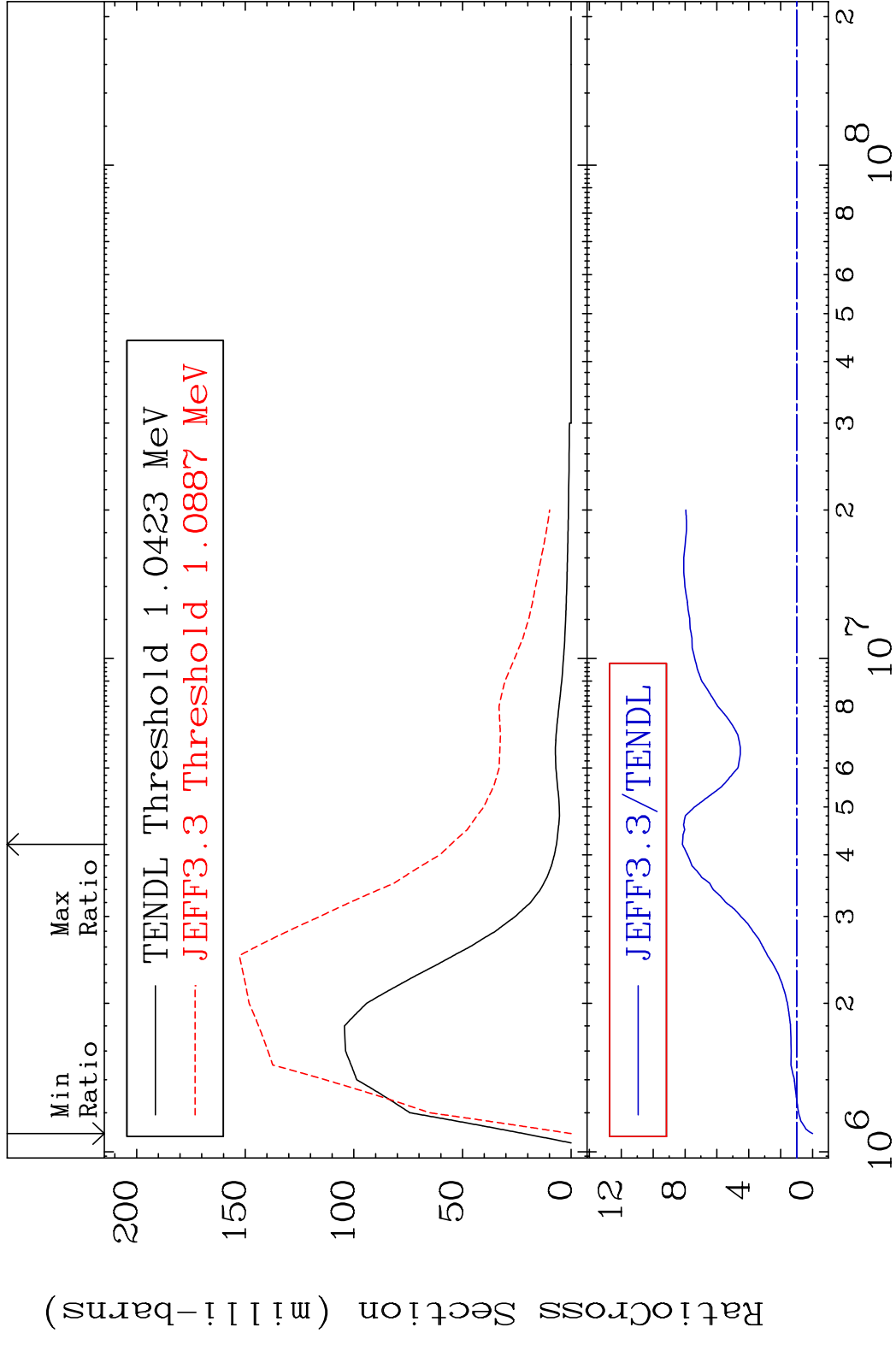


15

Incident Energy (eV)

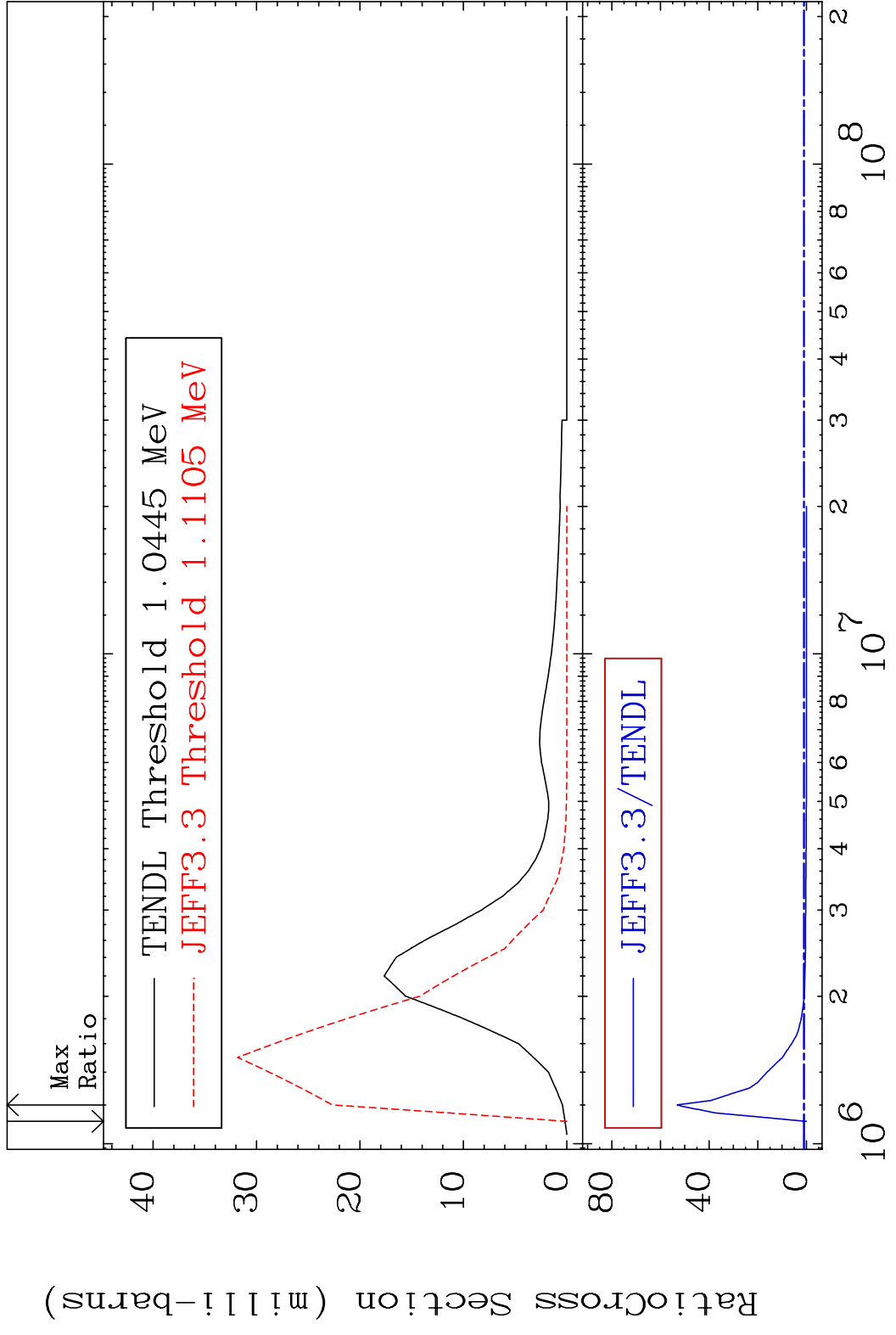
96-Cm-244

MAT 9637 MT= 60 (n, n') Level 96-Cm-244
 Cross Section -100.0 To 716.7 %



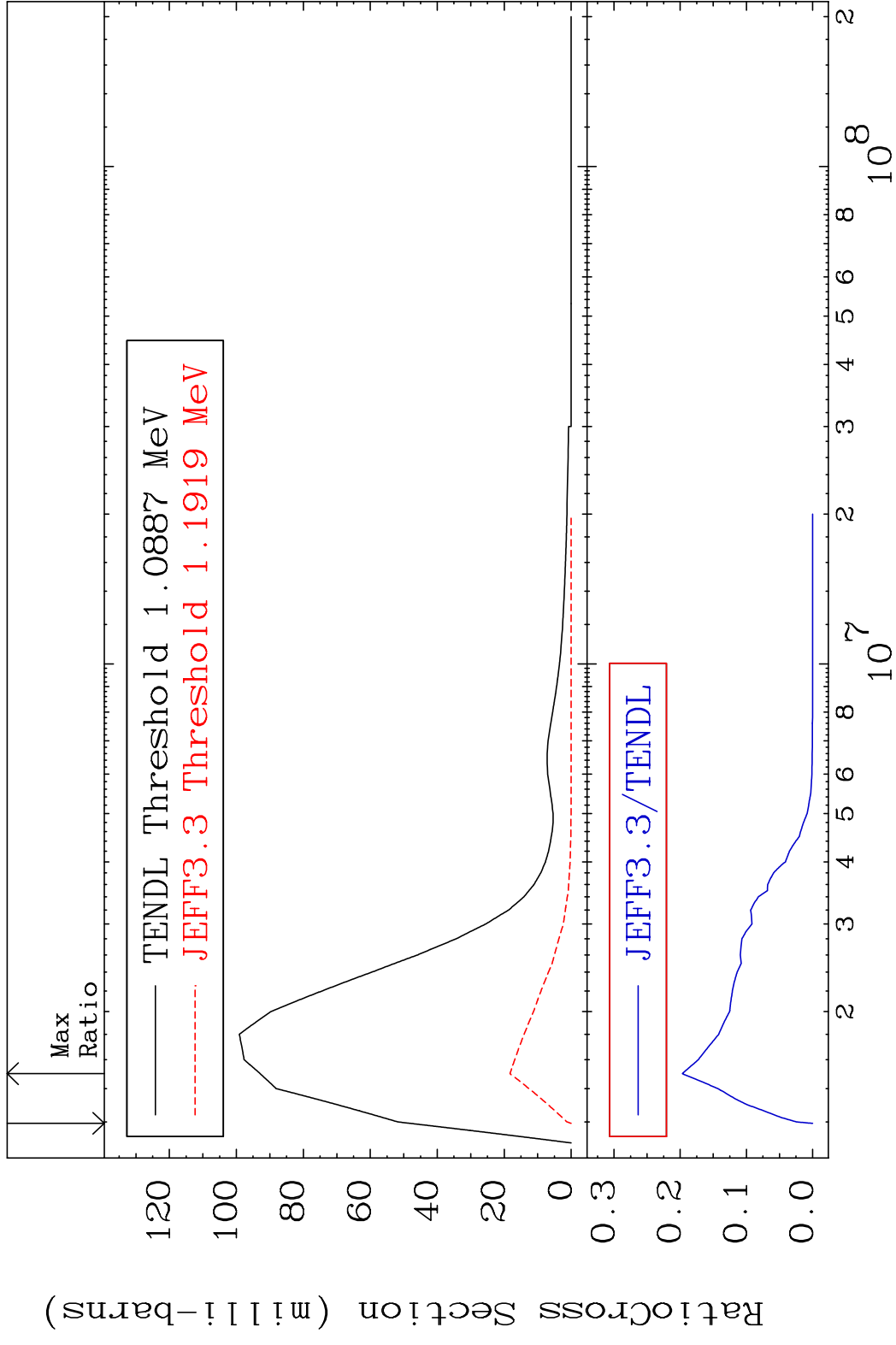
16 96-Cm-244

MAT 9637 MT= 61 (n, n') Level 96-Cm-244
 Cross Section -100.0 To 5212. %



17 Incident Energy (eV) 96-Cm-244

MAT 9637 MT= 62 (n, n') Level 96-Cm-244
 Cross Section -100.0 To -80.33%

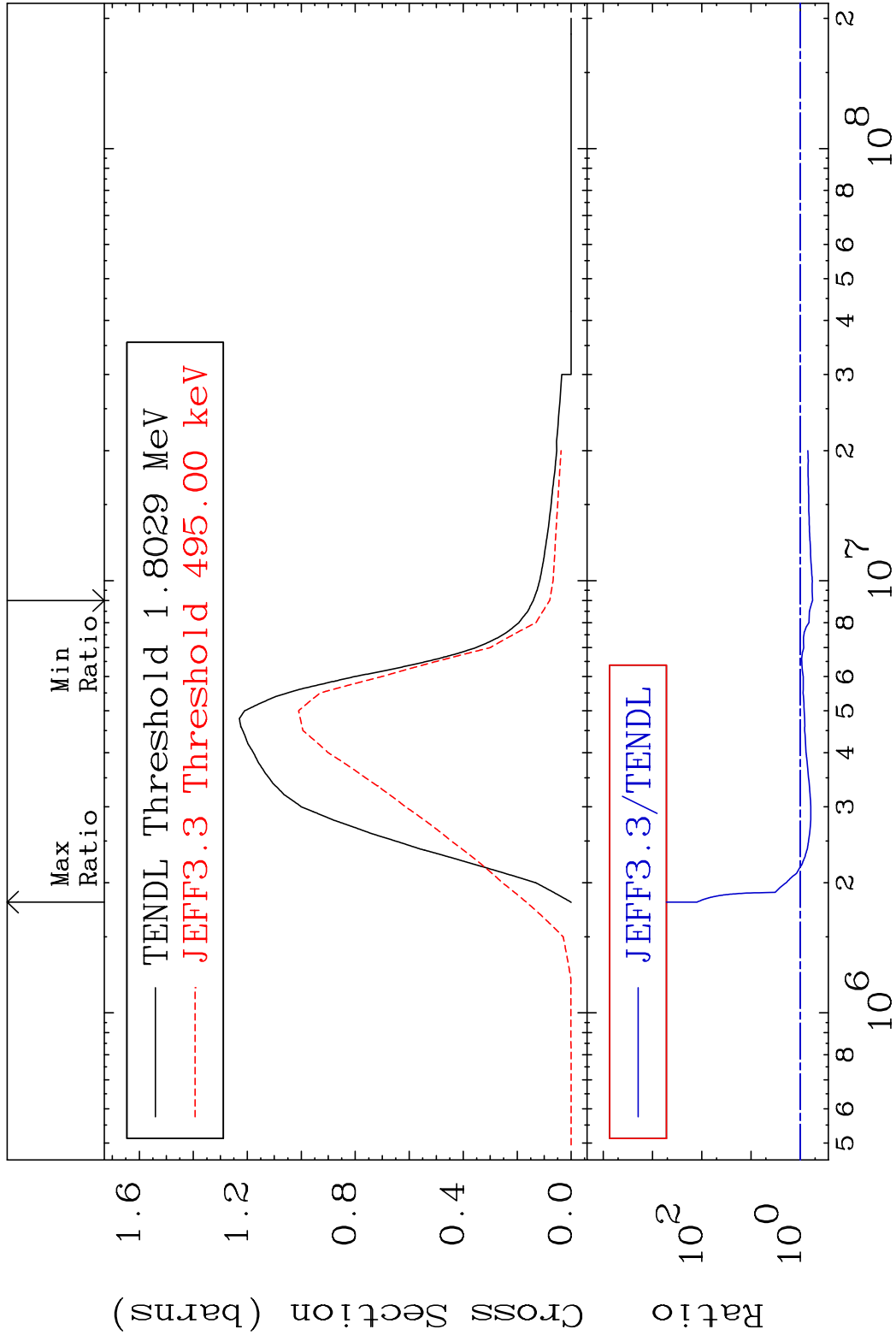


MAT 9637

(n, n') Continuum

96-Cm-244

Cross Section -43.45 To 9999. %

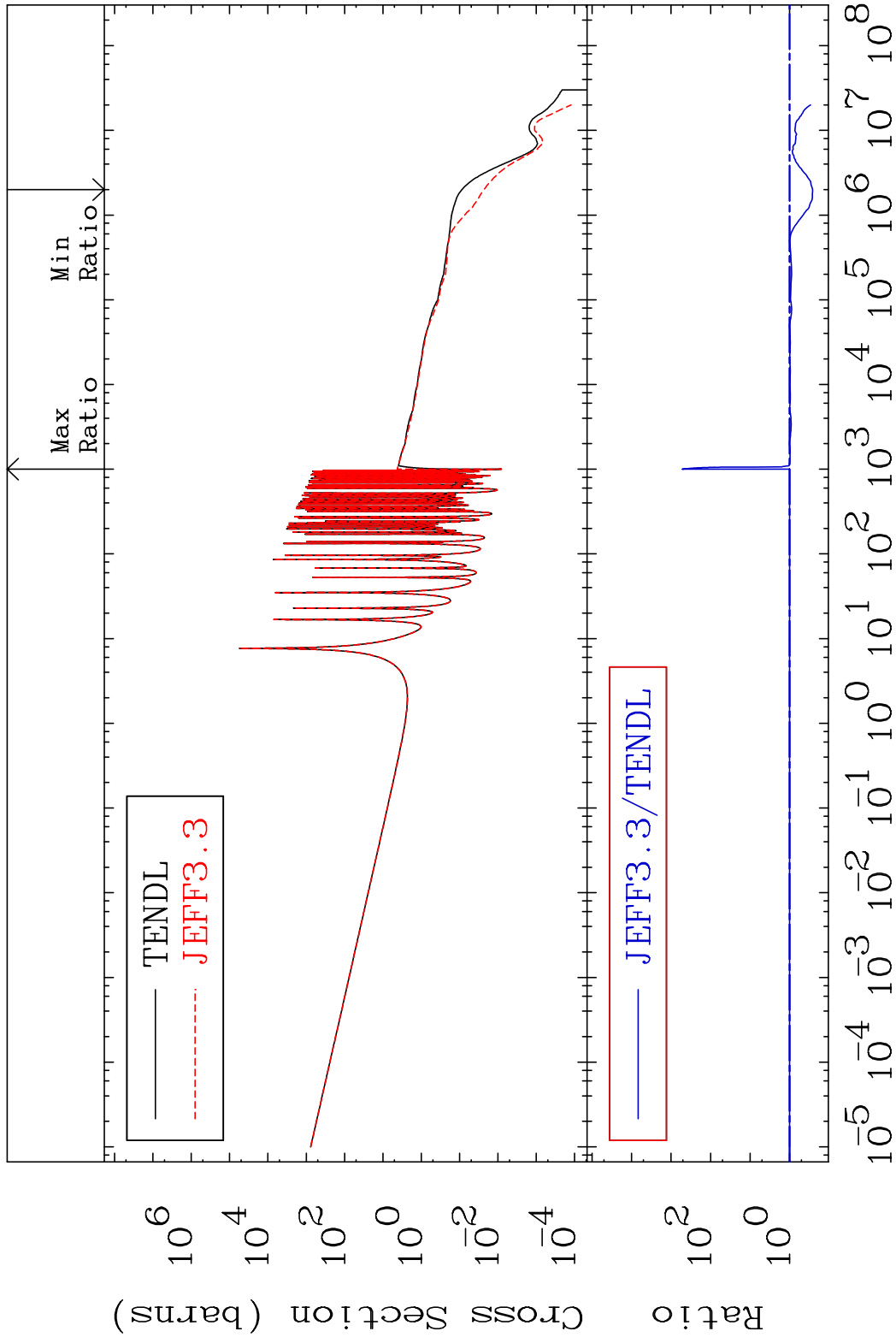


MAT 9637

(n, γ)

96-Cm-244

Cross Section -73.69 To 9999. %

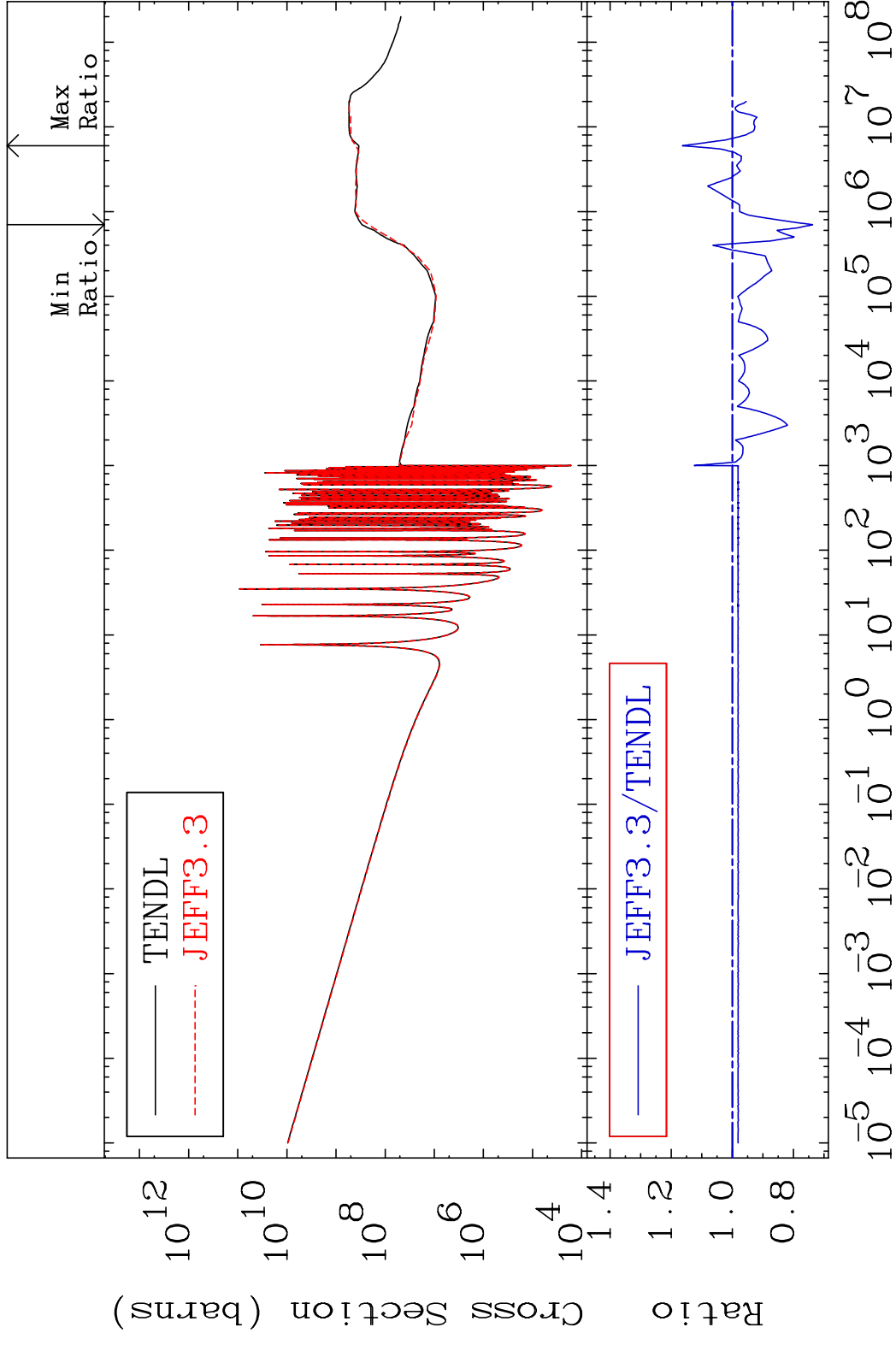


20

Incident Energy (eV)

96-Cm-244

MAT 9637 Kerma total (eV-barns) 96-Cm-244
 Cross Section -26.25 To 16.36 %

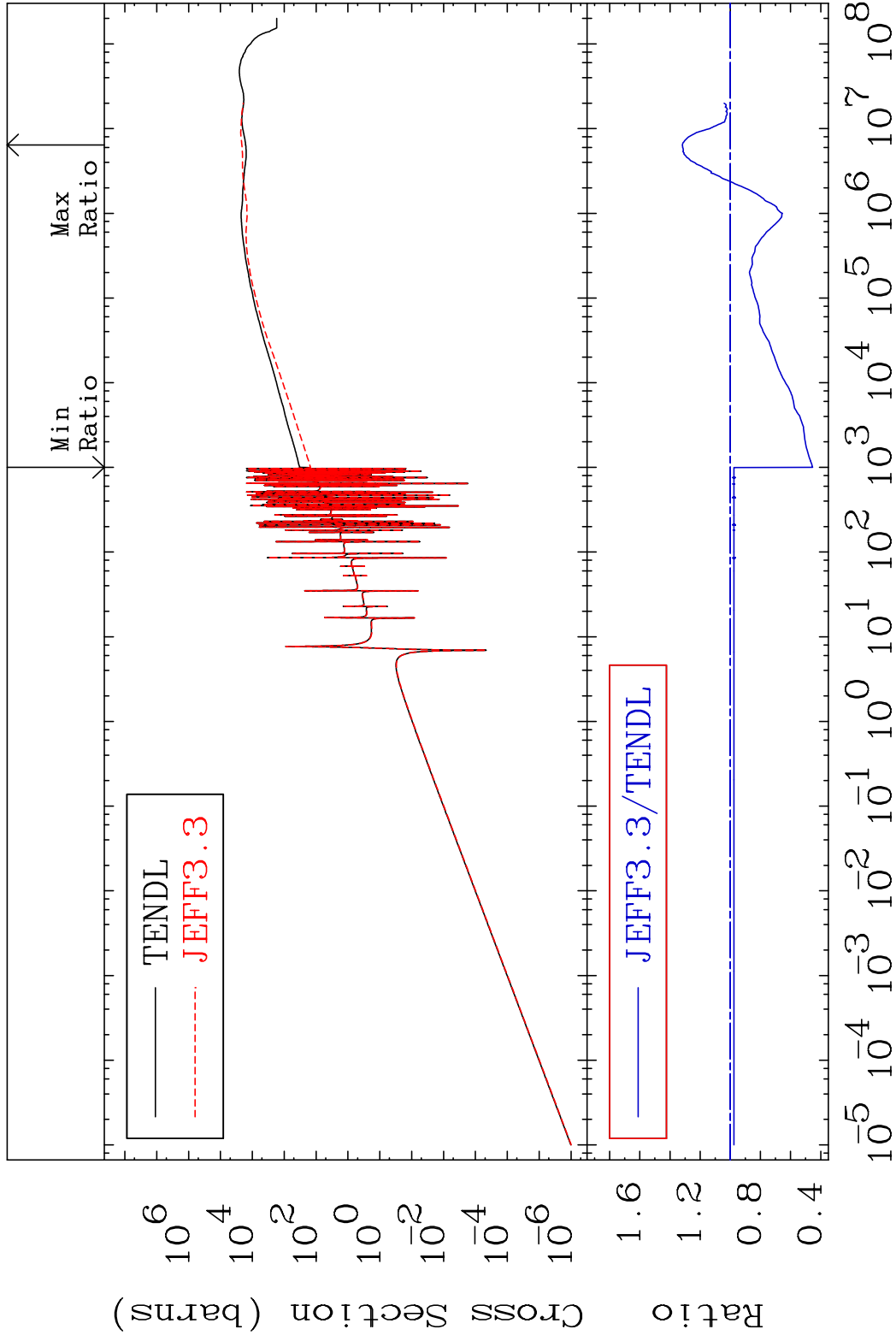


MAT 9637

Kerma elastic

96-Cm-244

Cross Section -54.59 To 31.79 %

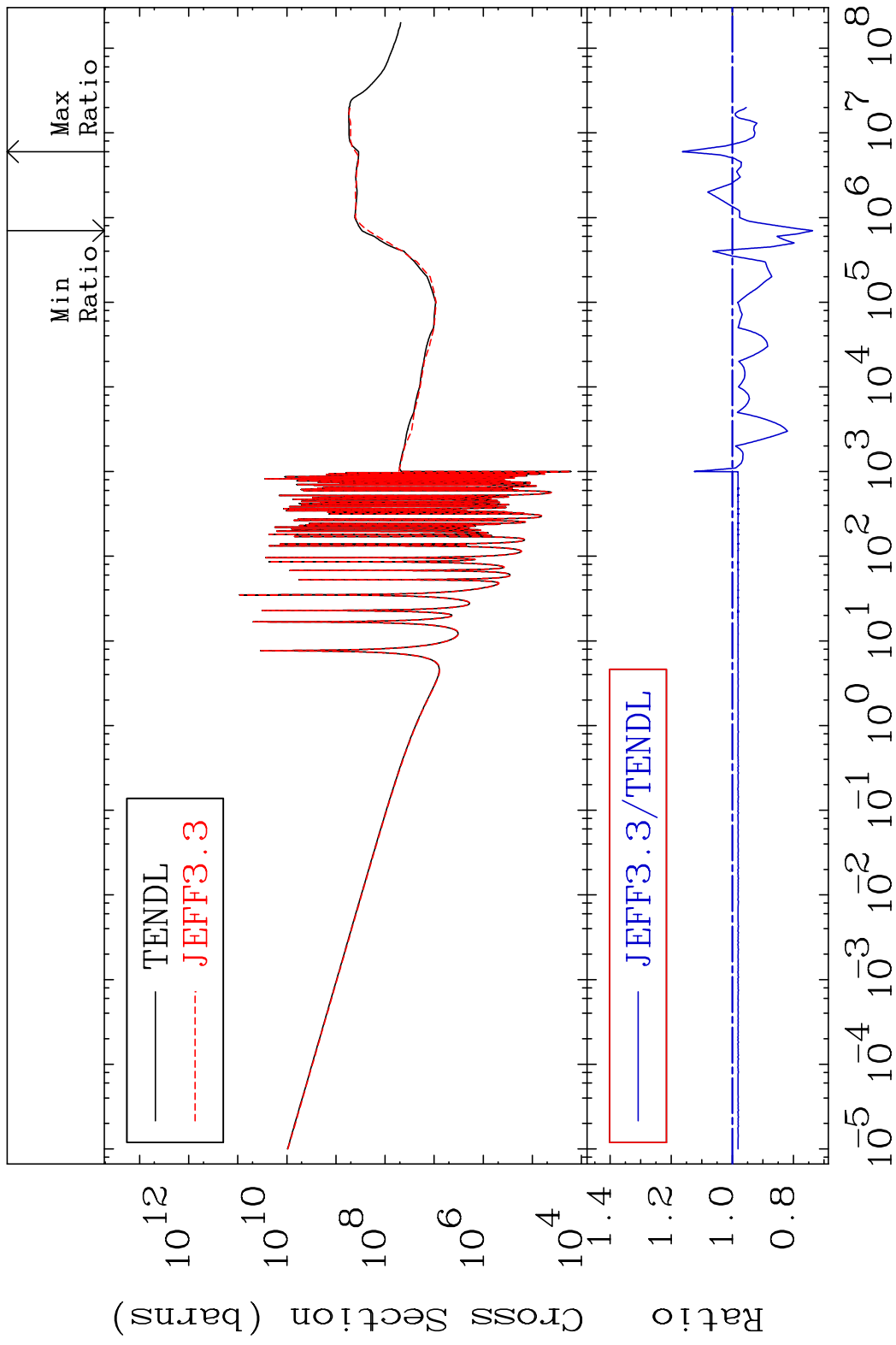


22

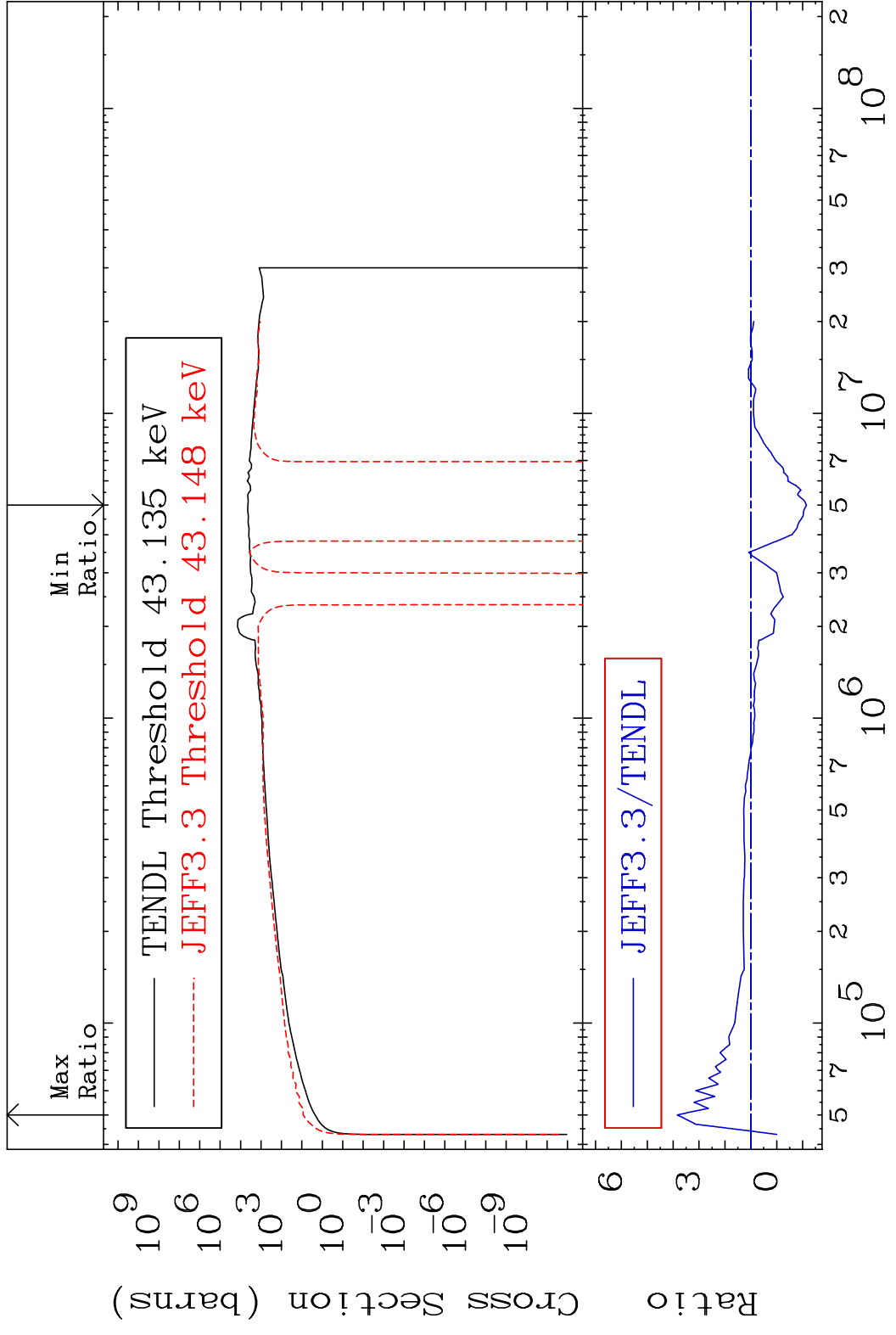
Incident Energy (eV)

96-Cm-244

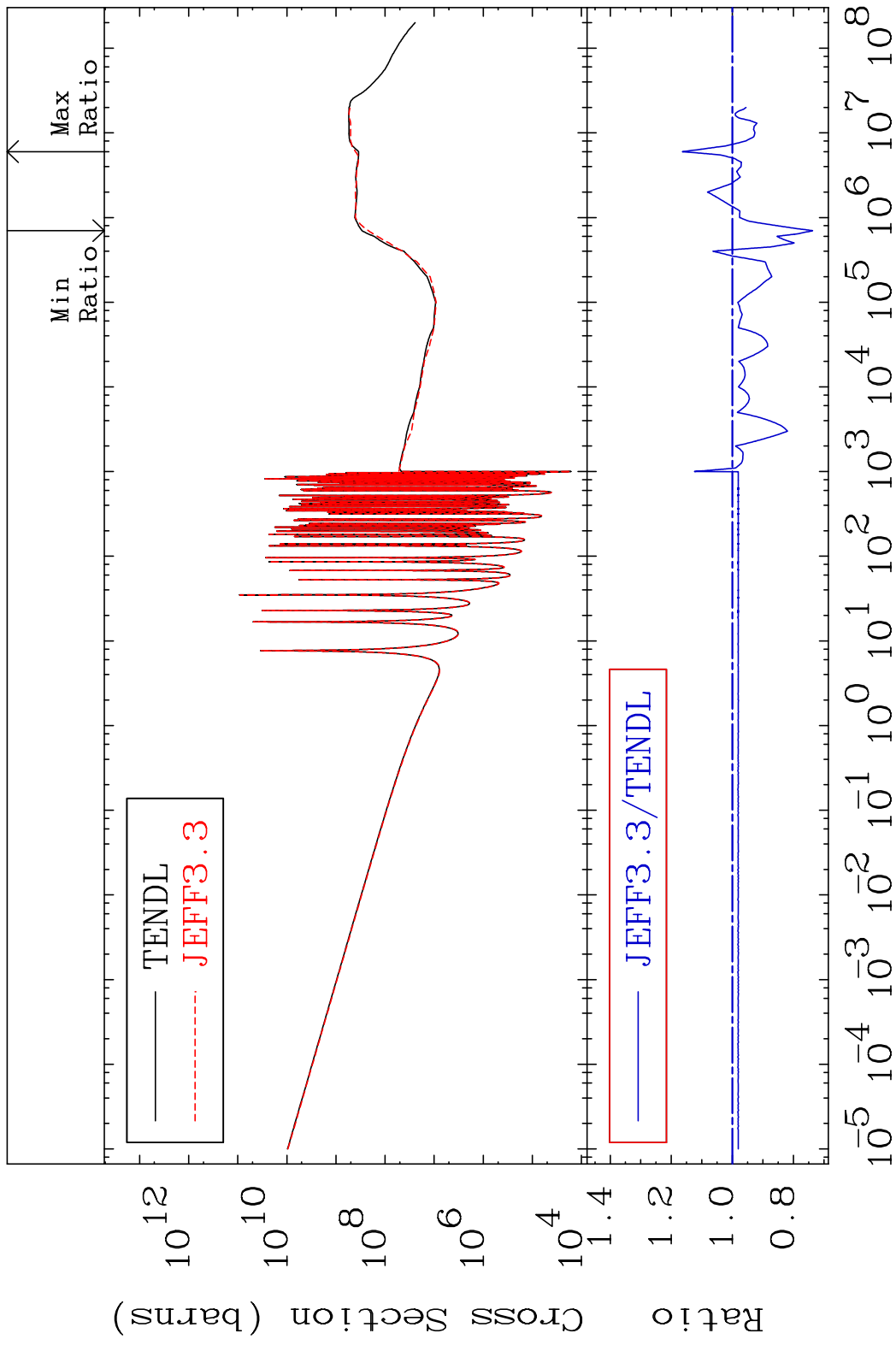
MAT 9637 Kerma non-elastic (all but mt2) 96-Cm-244
 Cross Section -26.25 To 16.36 %



MAT 9637 Kerma inelastic (mt51-91) 96-Cm-244
 Cross Section -214.7 To 284.4 %

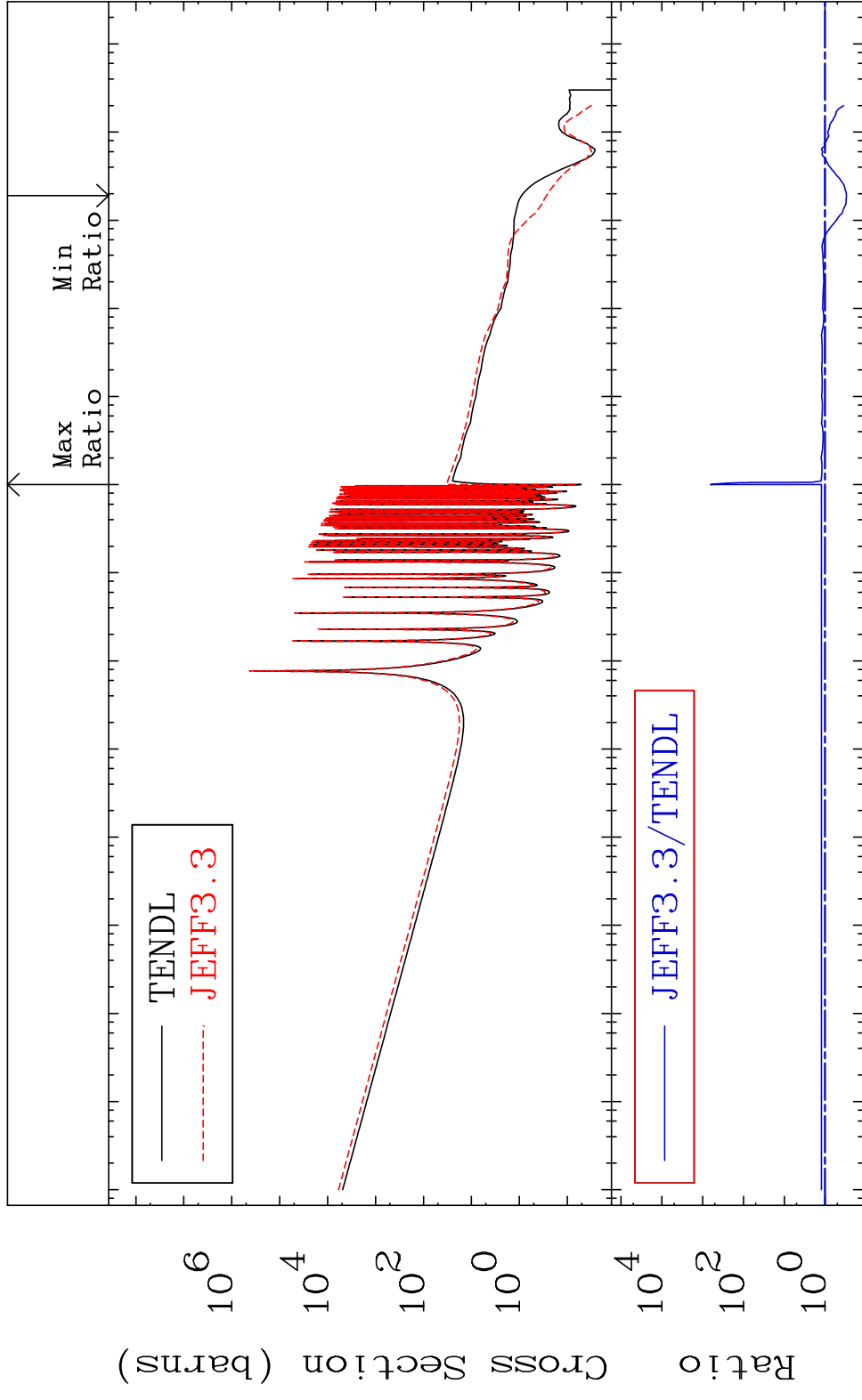


MAT 9637 Kerma fission (mt18 or mt19-20-21-38) 96-Cm-244
 Cross Section -26.25 To 16.38 %



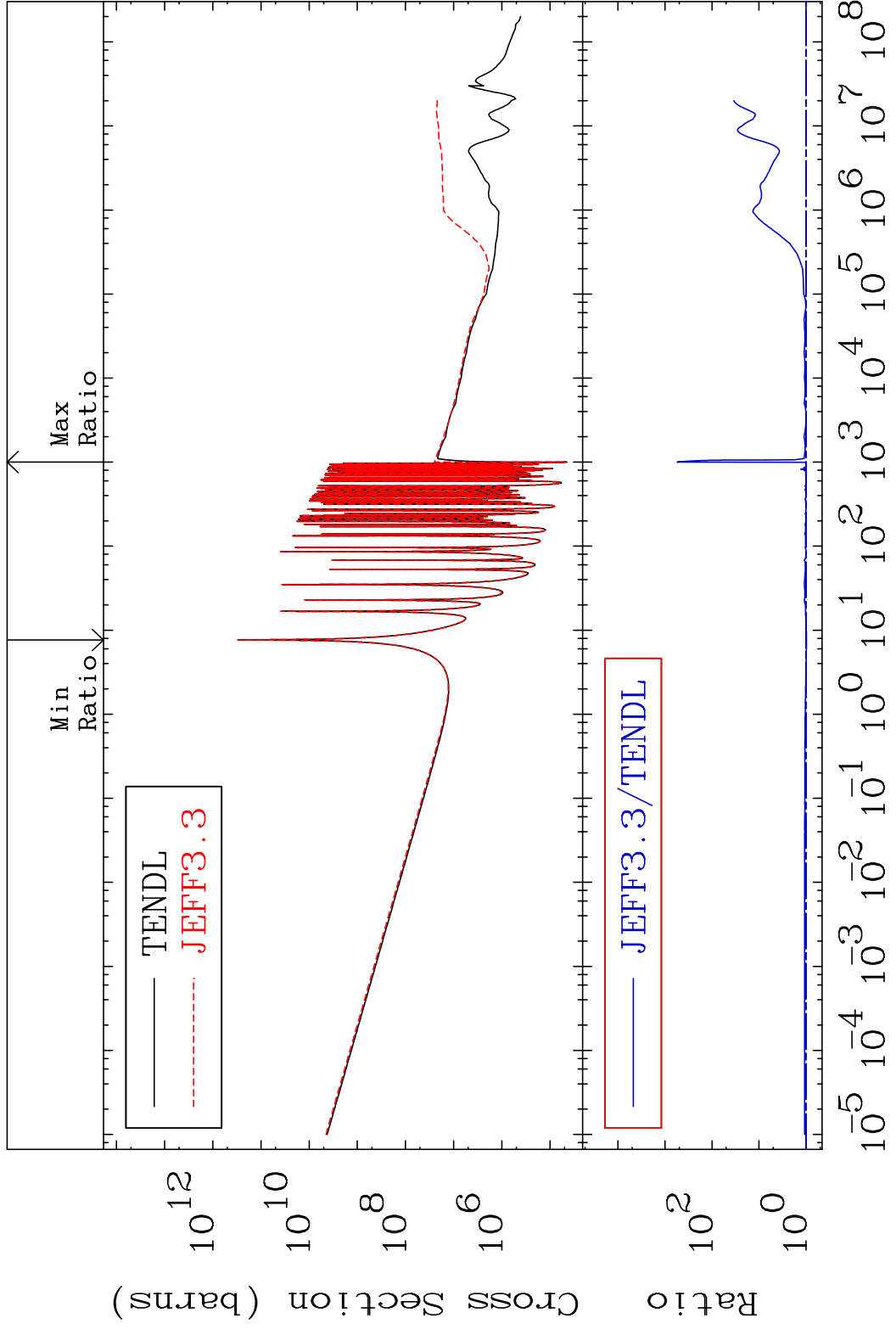
MAT 9637

Kerma capture (mt102) 96-Cm-244
Cross Section -69.80 To 9999. %



MAT 9637

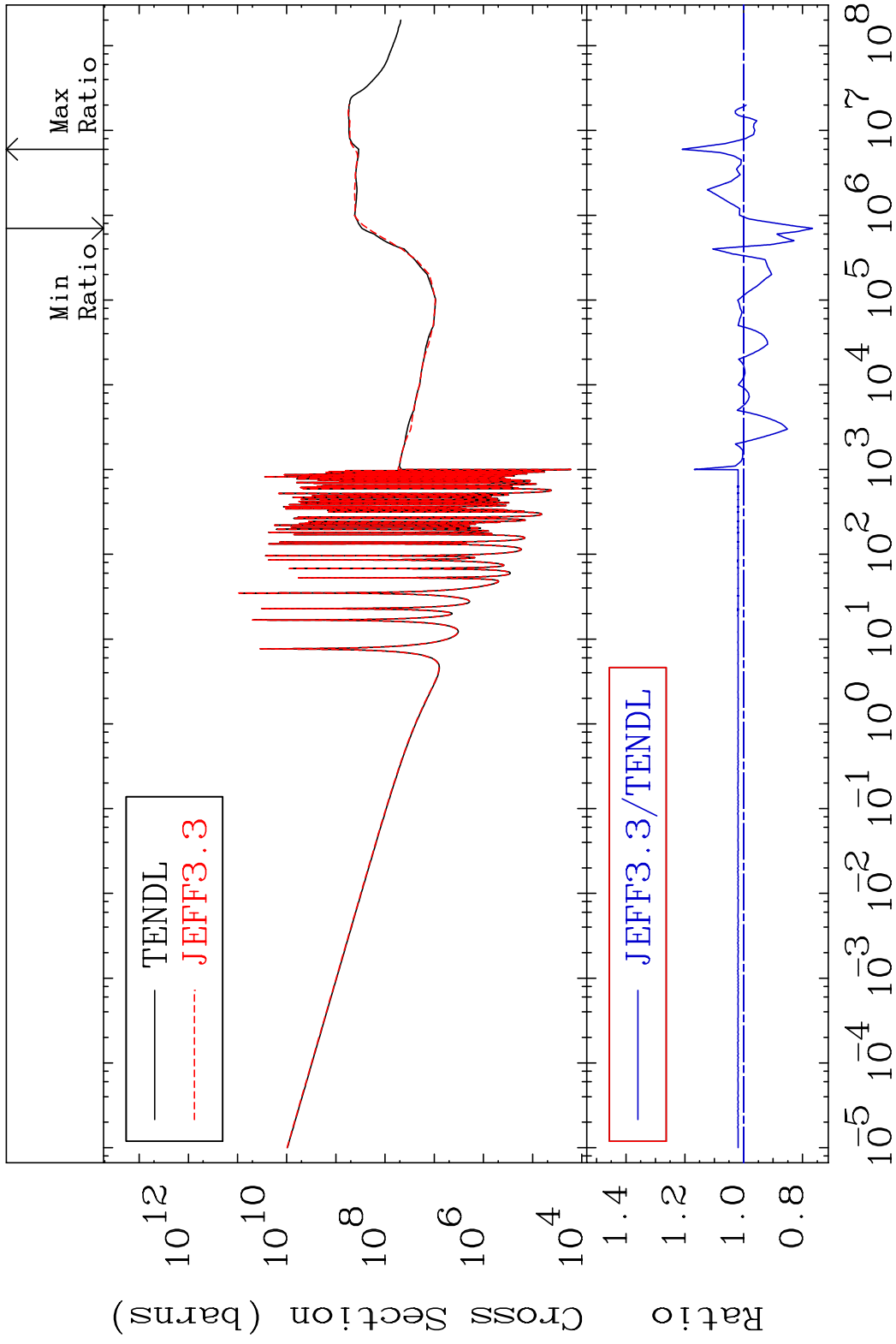
Total photon (eV-barns) 96-Cm-244
Cross Section -1.941 To 9999. %



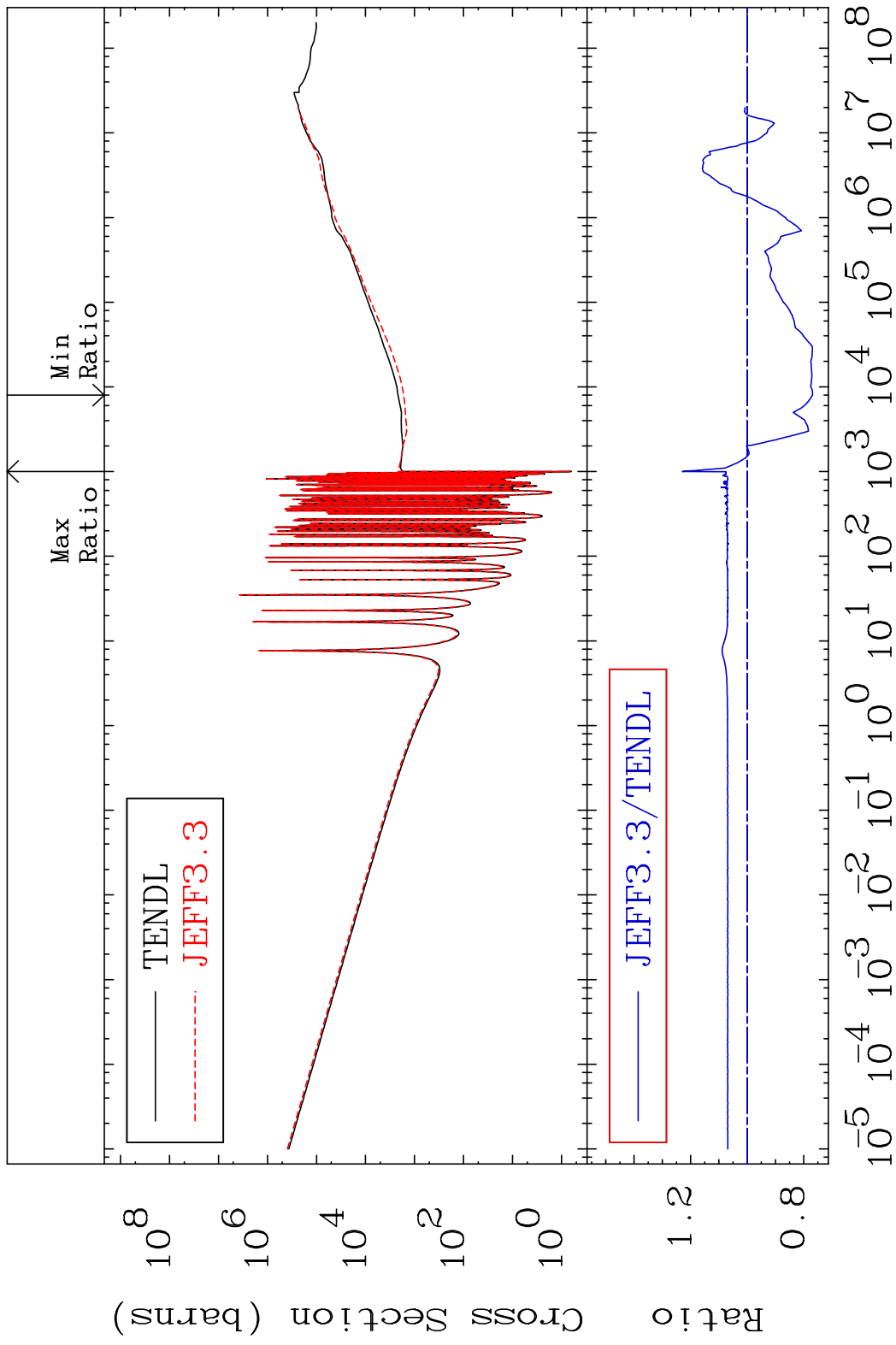
27

Incident Energy (eV) 96-Cm-244

MAT 9637 Total kinematic kerma (high limit) 96-Cm-244
 Cross Section -23.38 To 20.92 %



MAT 9637 Dpa total (eV-barns) 96-Cm-244
 Cross Section -23.13 To 22.90 %



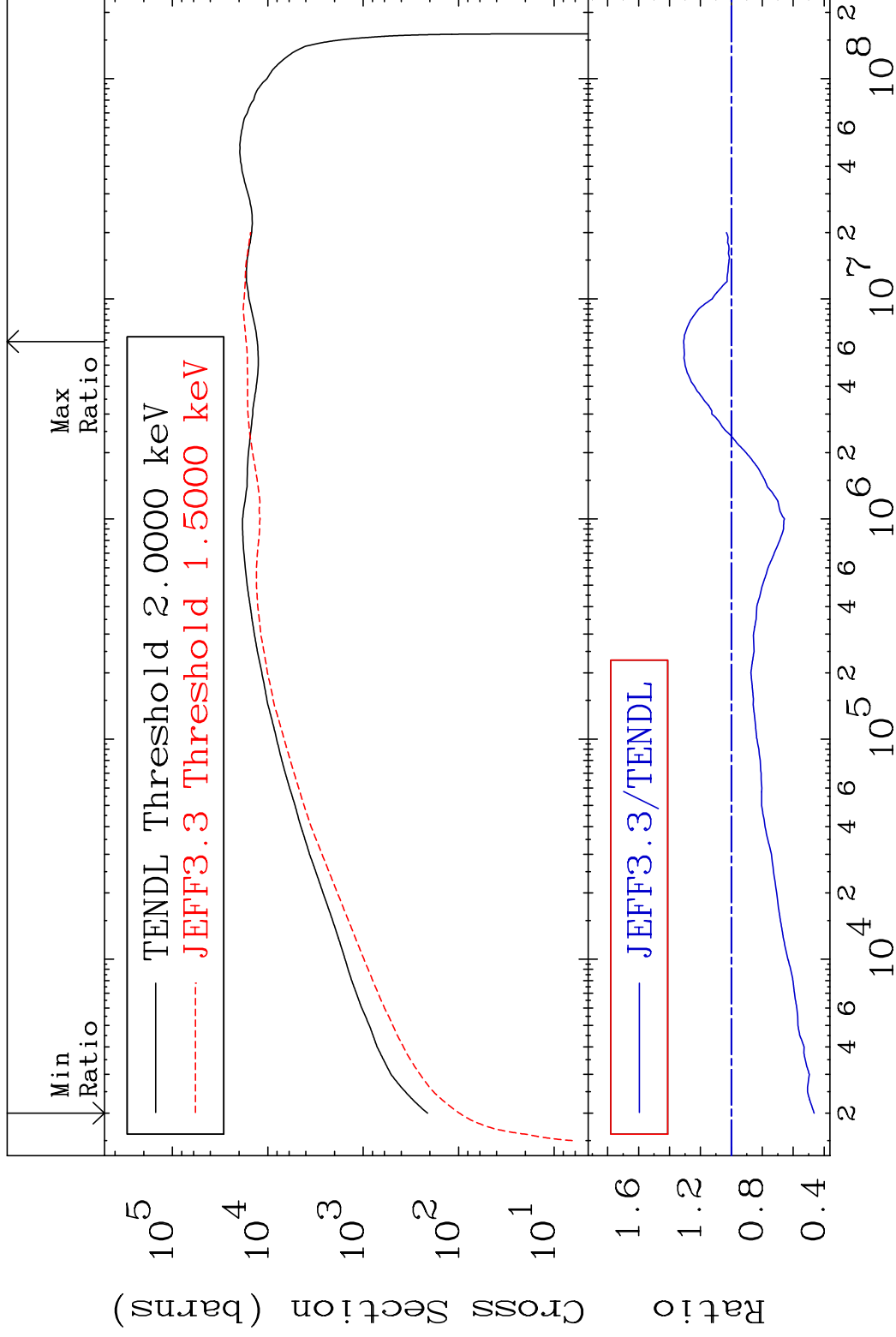
29 Incident Energy (eV) 96-Cm-244

MAT 9637

Dpa elastic (mt2)

96-Cm-244

Cross Section -53.53 To 30.84 %

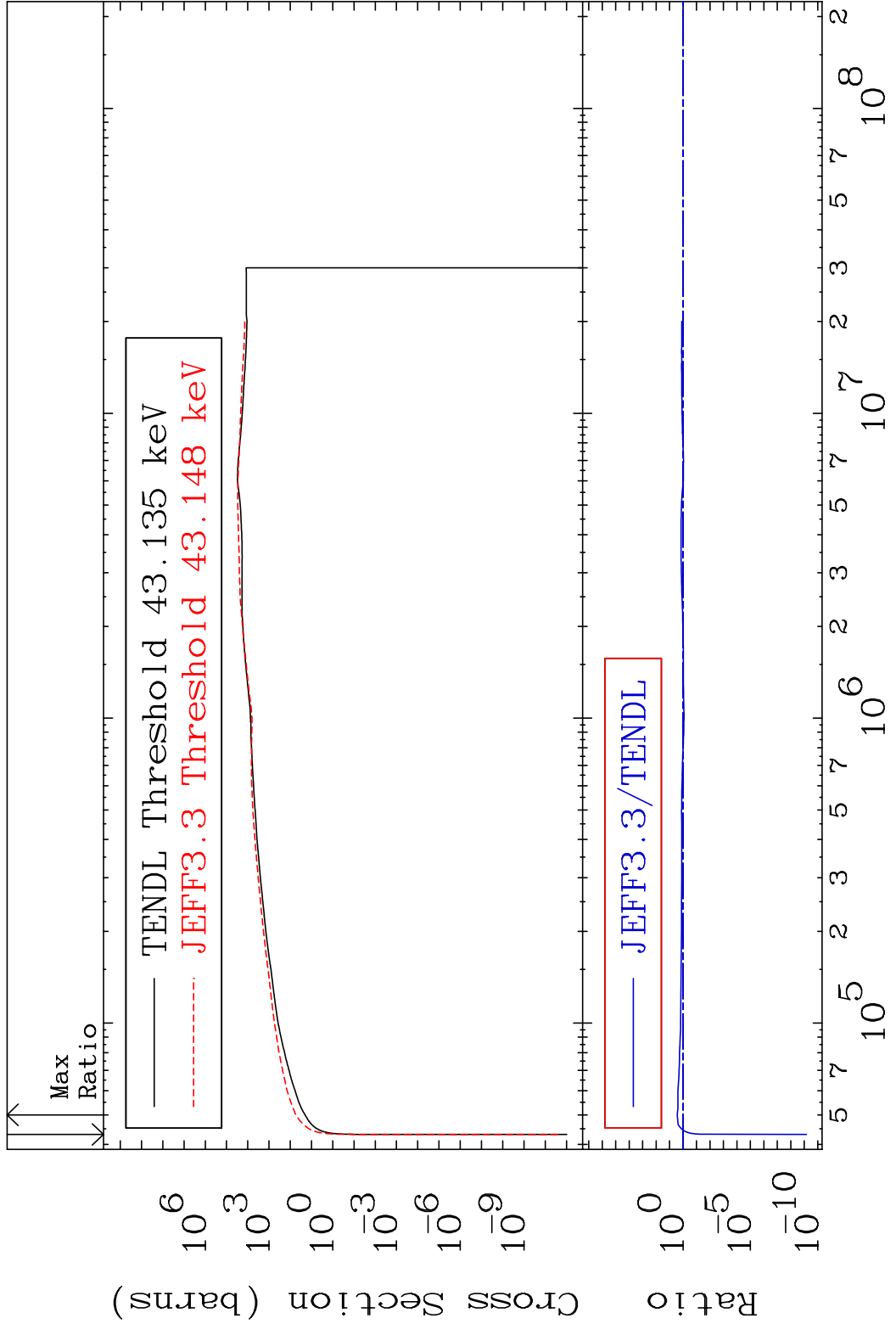


30

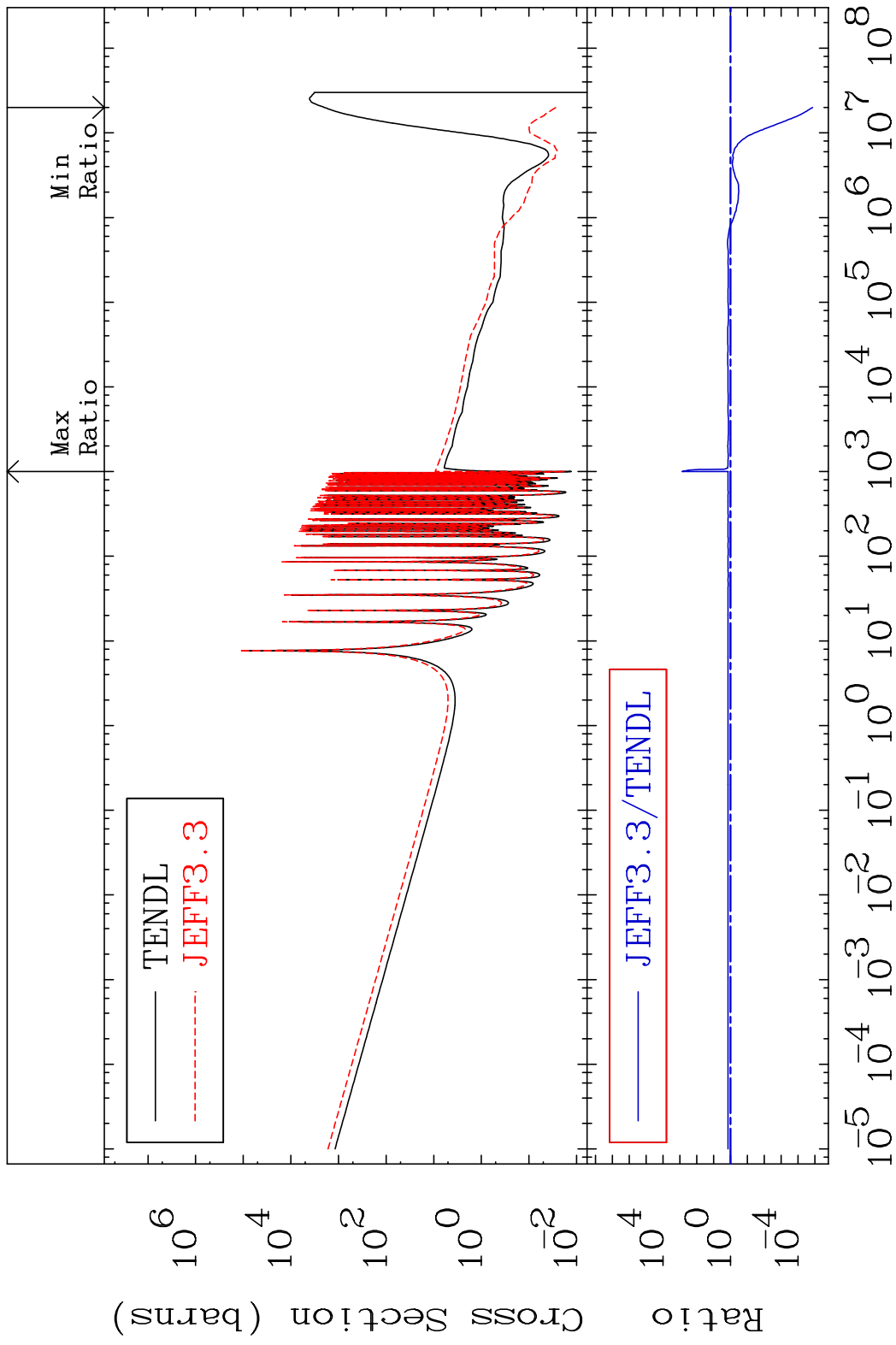
Incident Energy (eV)

96-Cm-244

MAT 9637 Dpa inelastic (mt51-91) 96-Cm-244
 Cross Section -100.0 To 171.6 %



MAT 9637 Dpa disappearance (mt102 -120) 96-Cm-244
 Cross Section -100.0 To 9999. %



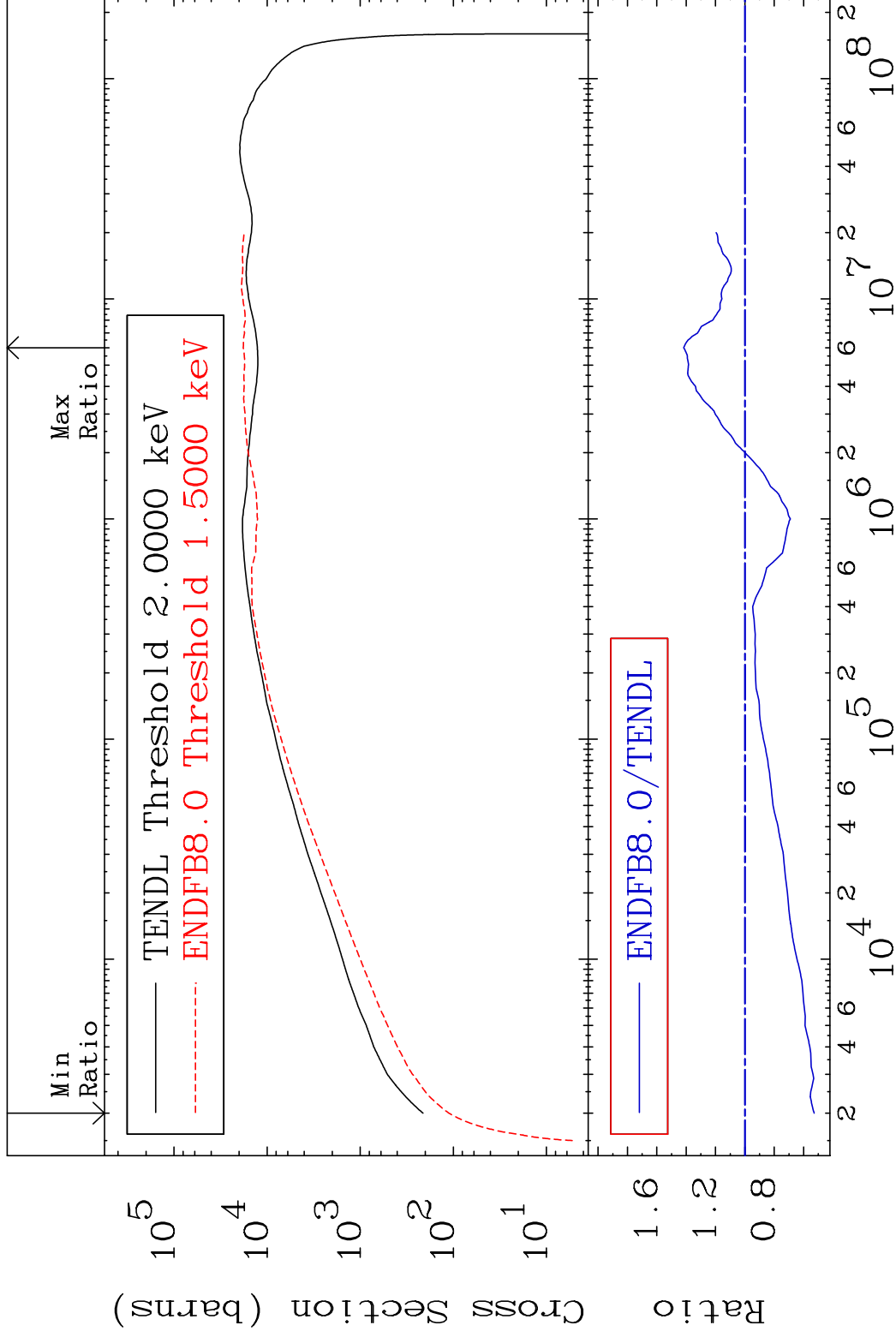
MAT 9637

Dpa elastic (mt2)

96-Cm-244

Cross Section

-47.15 To 41.71 %

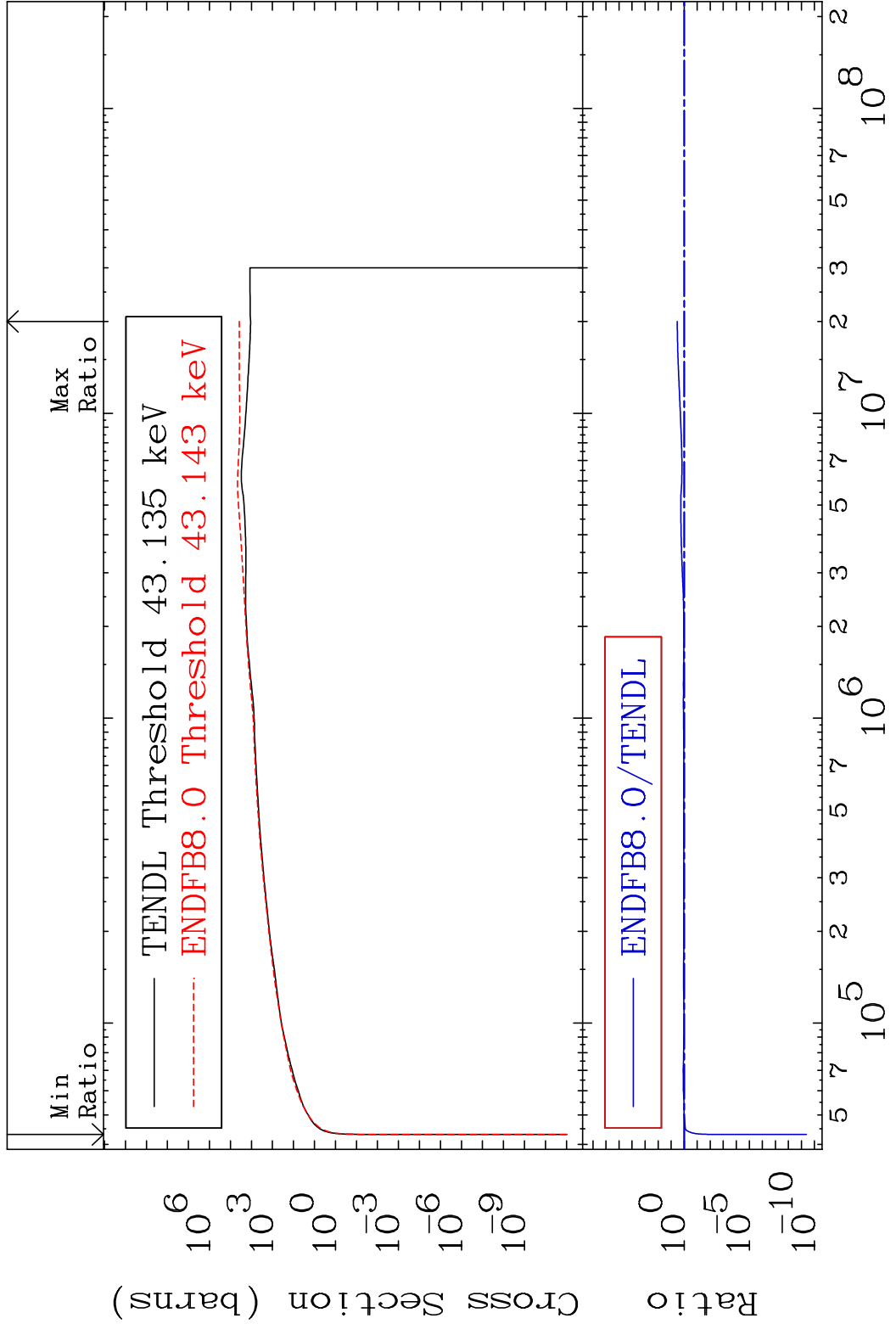


33

Incident Energy (eV)

96-Cm-244

MAT 9637 Dpa inelastic (mt51-91) 96-Cm-244
 Cross Section -100.0 To 243.0 %



MAT 9637 Dpa disappearance (mt102 -120) 96-Cm-244
 Cross Section -100.0 To 9999. %

