

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

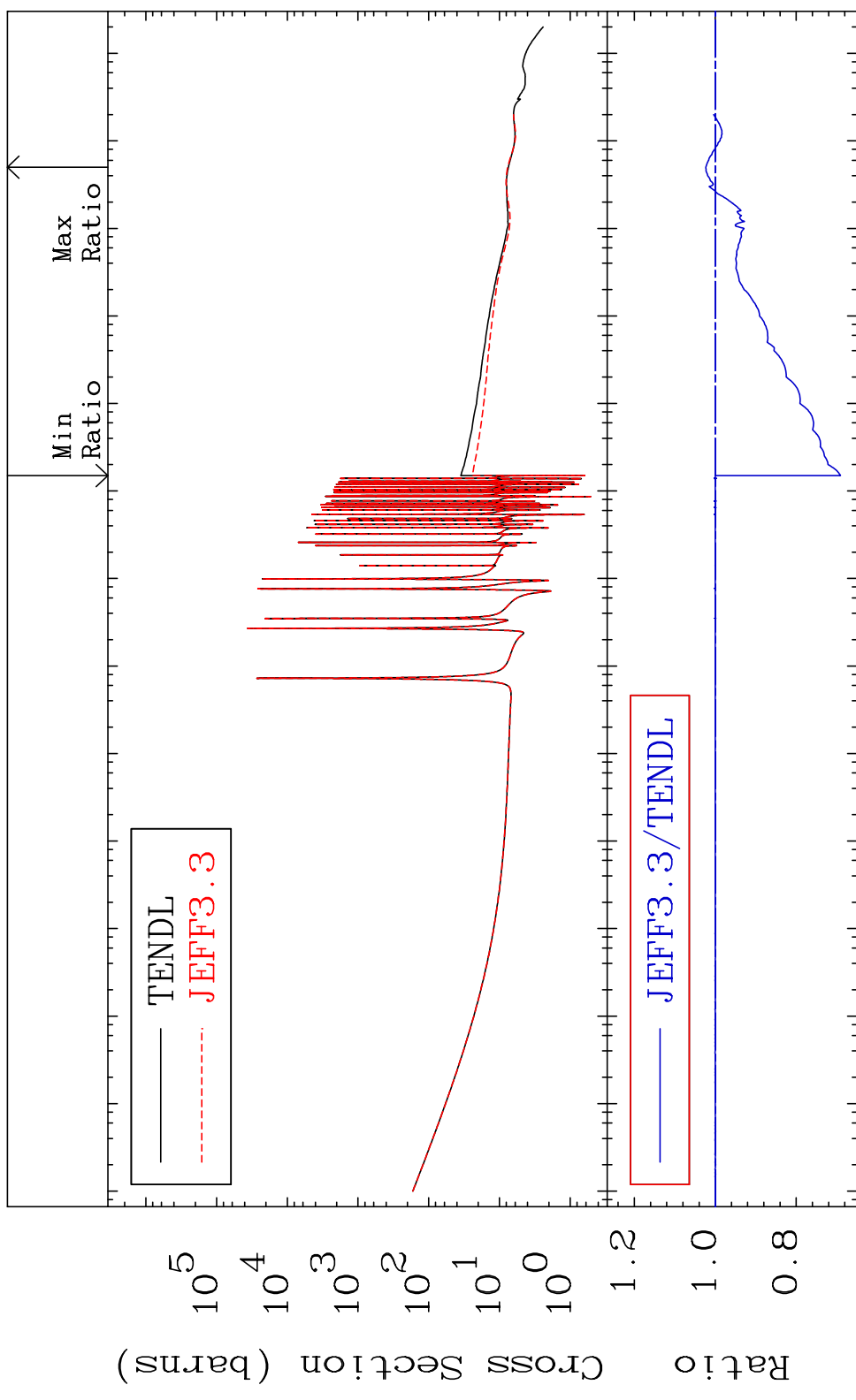
MAT 9649

Total

96-Cm-248

Cross Section

-30.92 To 2.351 %



1

Incident Energy (eV)

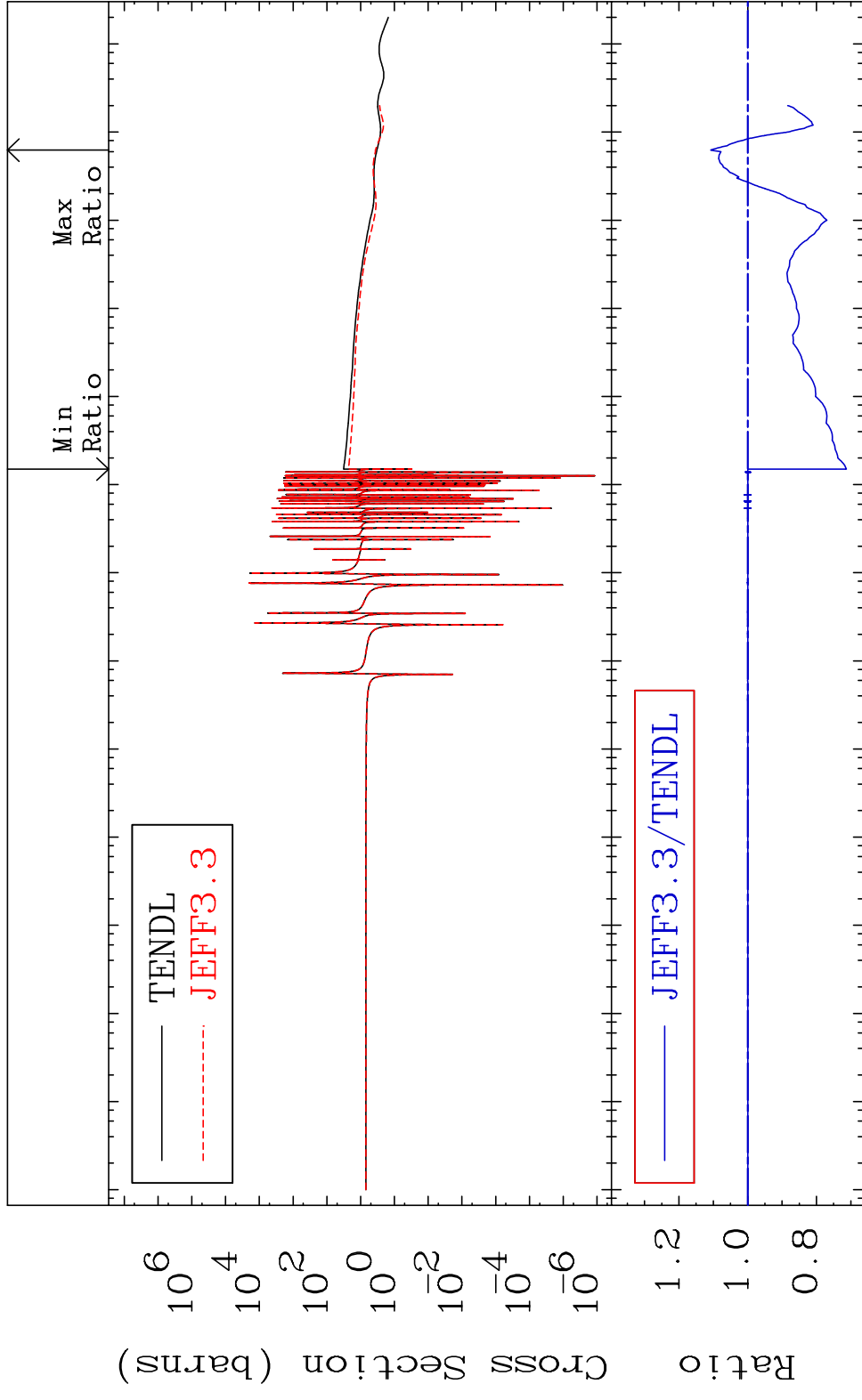
96-Cm-248

MAT 9649

Elastic

96-Cm-248

Cross Section -28.69 To 10.76 %



2

Incident Energy (eV)

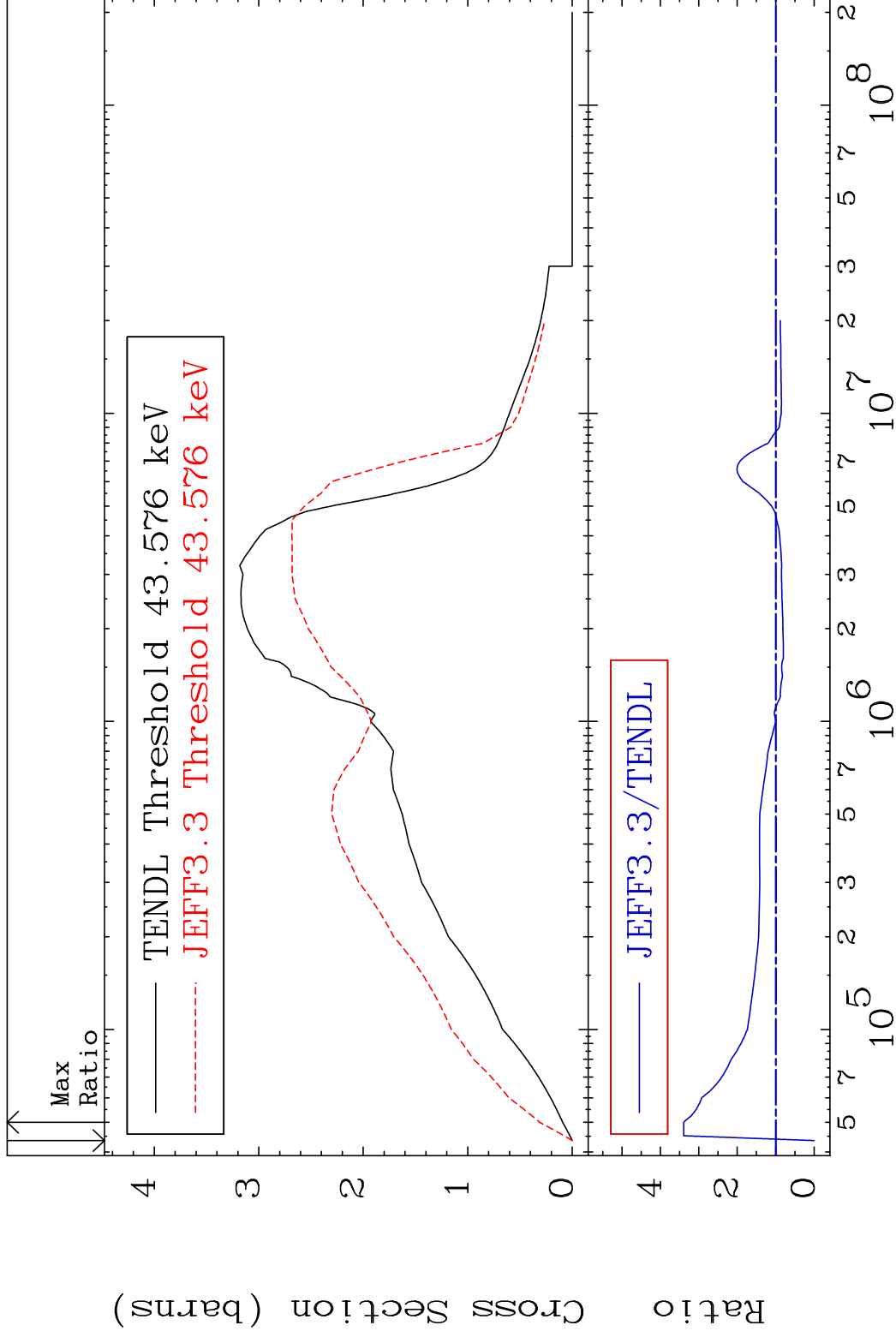
96-Cm-248

MAT 9649

Inelastic

96-Cm-248

Cross Section -100.0 To 239.4 %



3

Incident Energy (eV)

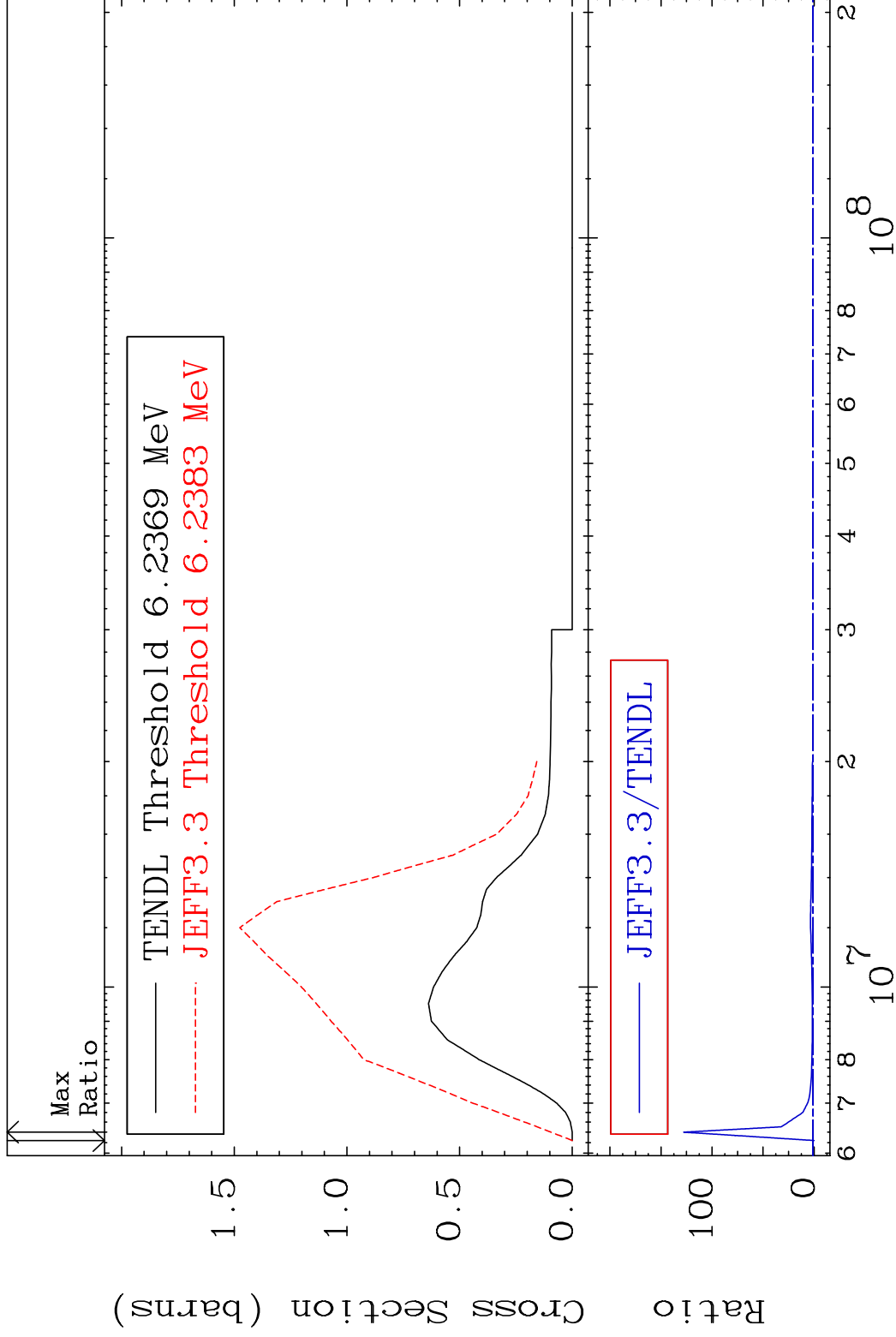
96-Cm-248

MAT 9649

(n,2n)

96-Cm-248

Cross Section -100.0 To 9999. %



4

Incident Energy (eV)

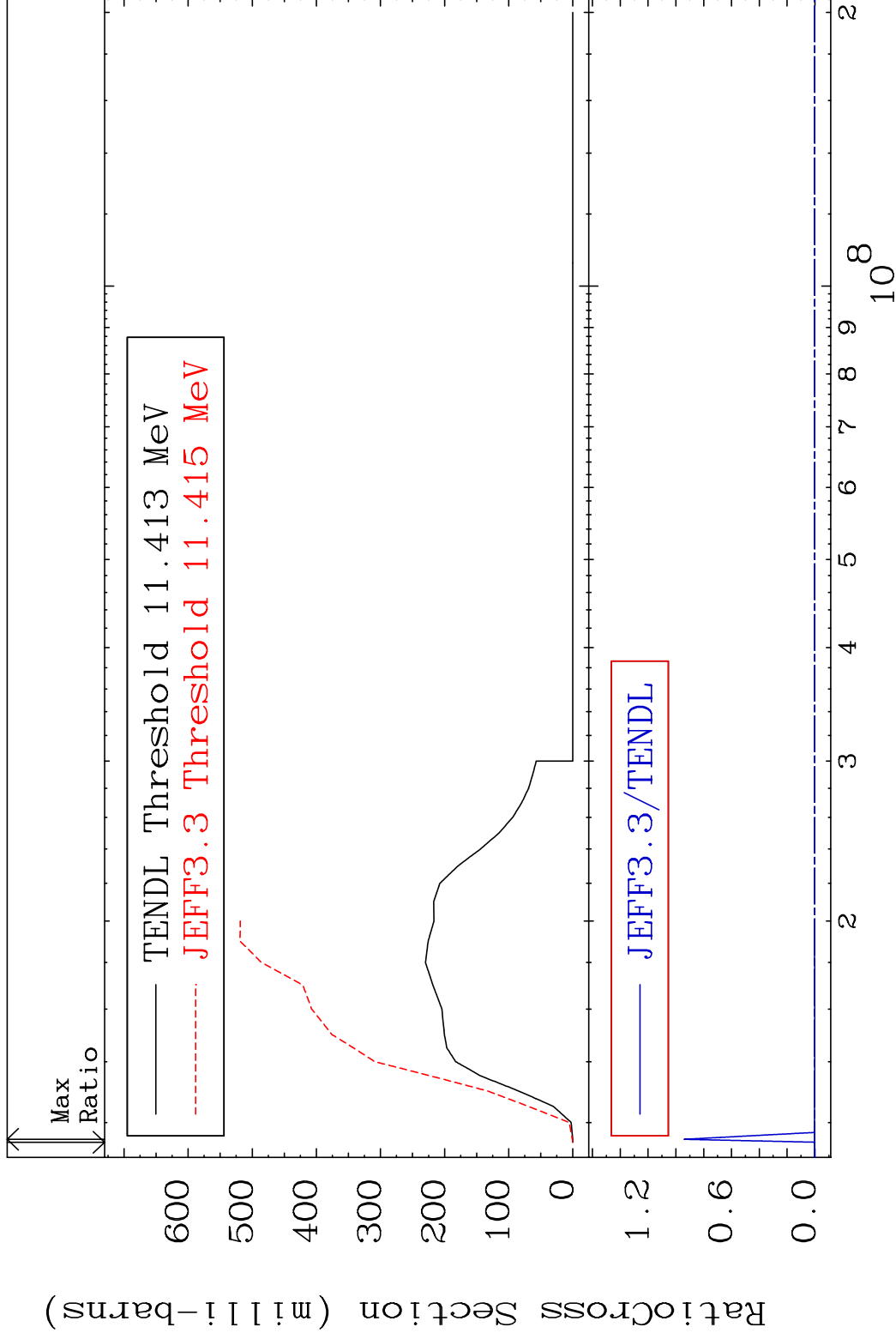
96-Cm-248

MAT 9649

(n,3n)

96-Cm-248

Cross Section -100.0 To 9999. %



5

Incident Energy (eV)

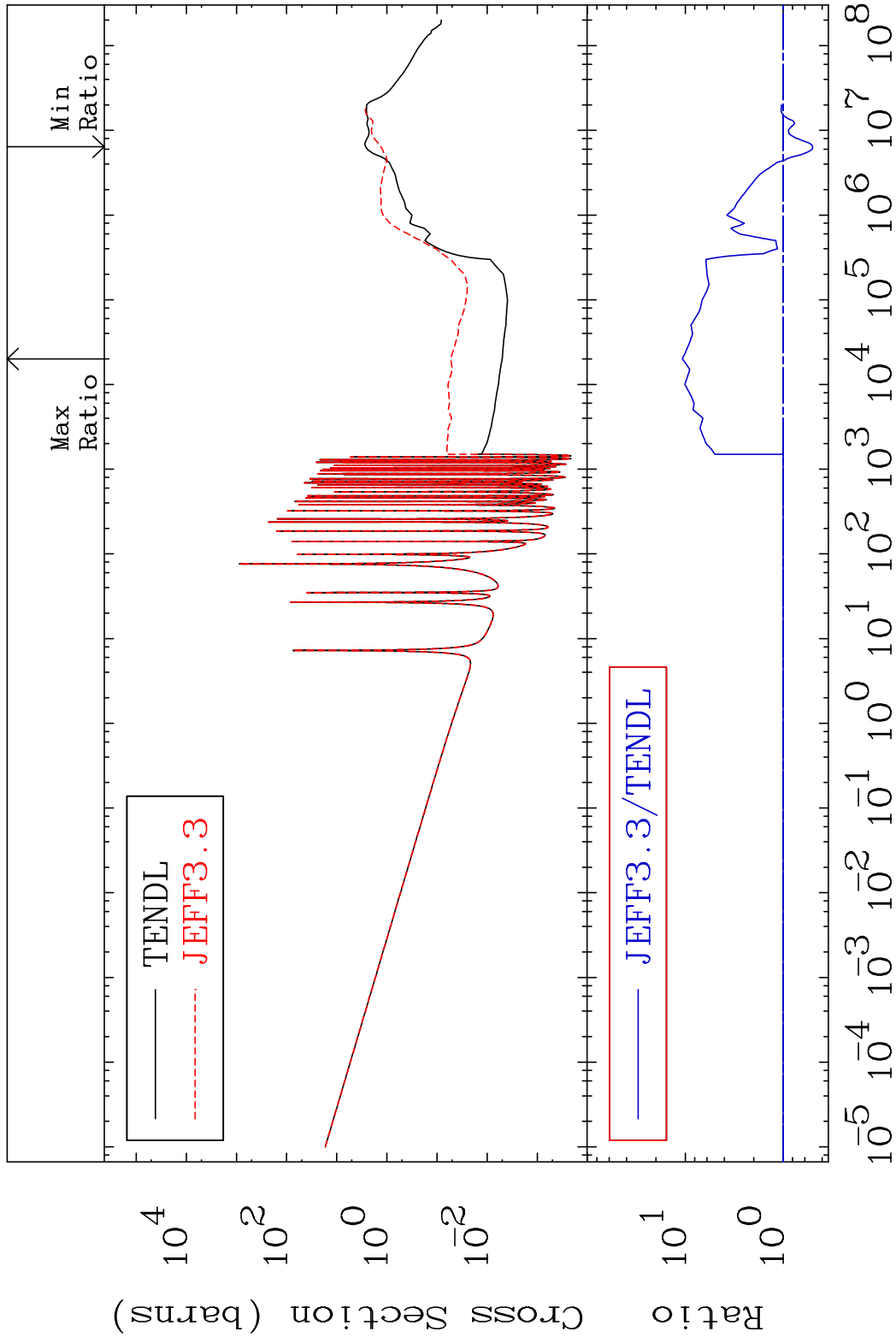
96-Cm-248

MAT 9649

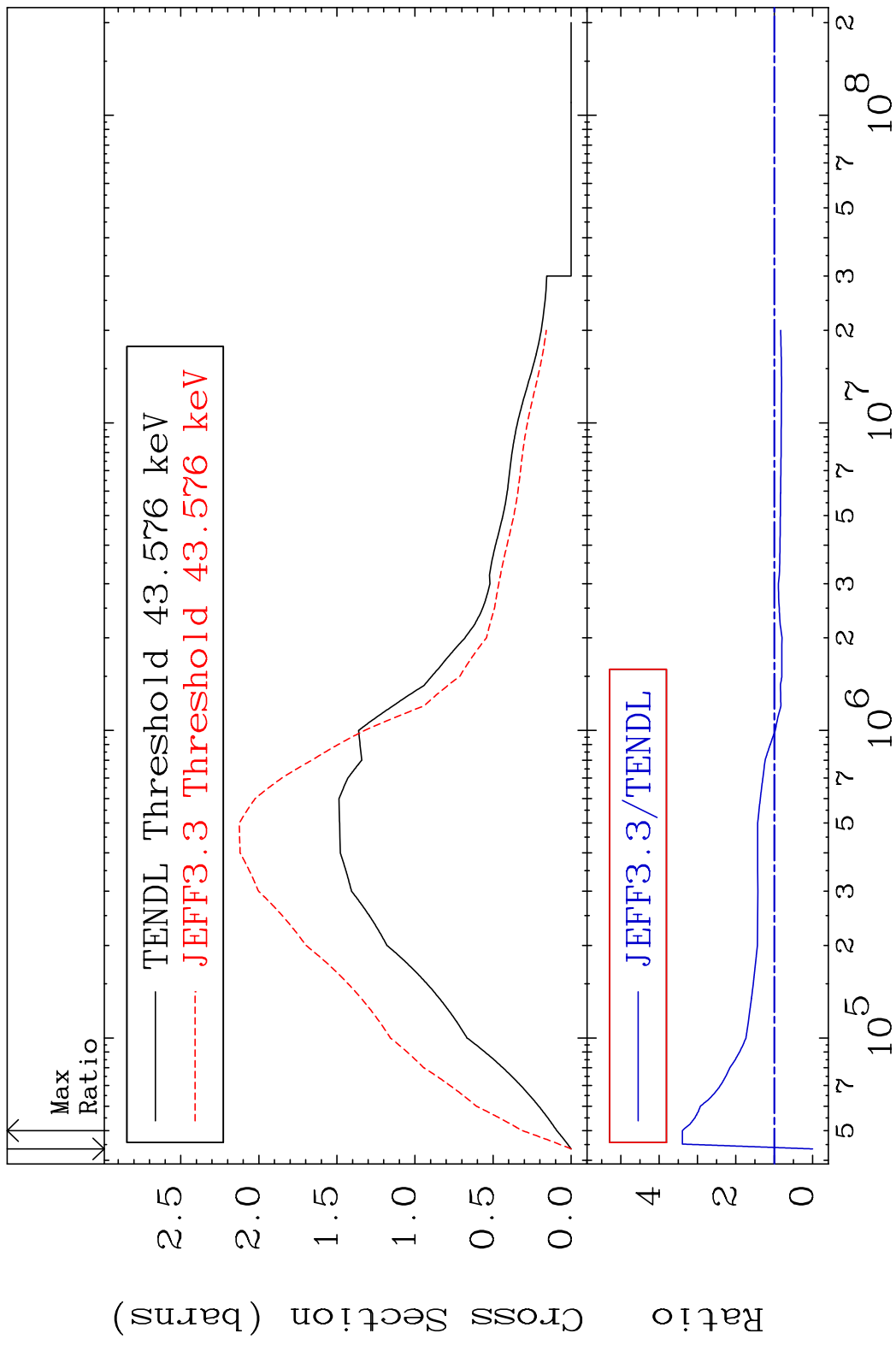
Fission

96-Cm-248

Cross Section -49.94 To 972.4 %

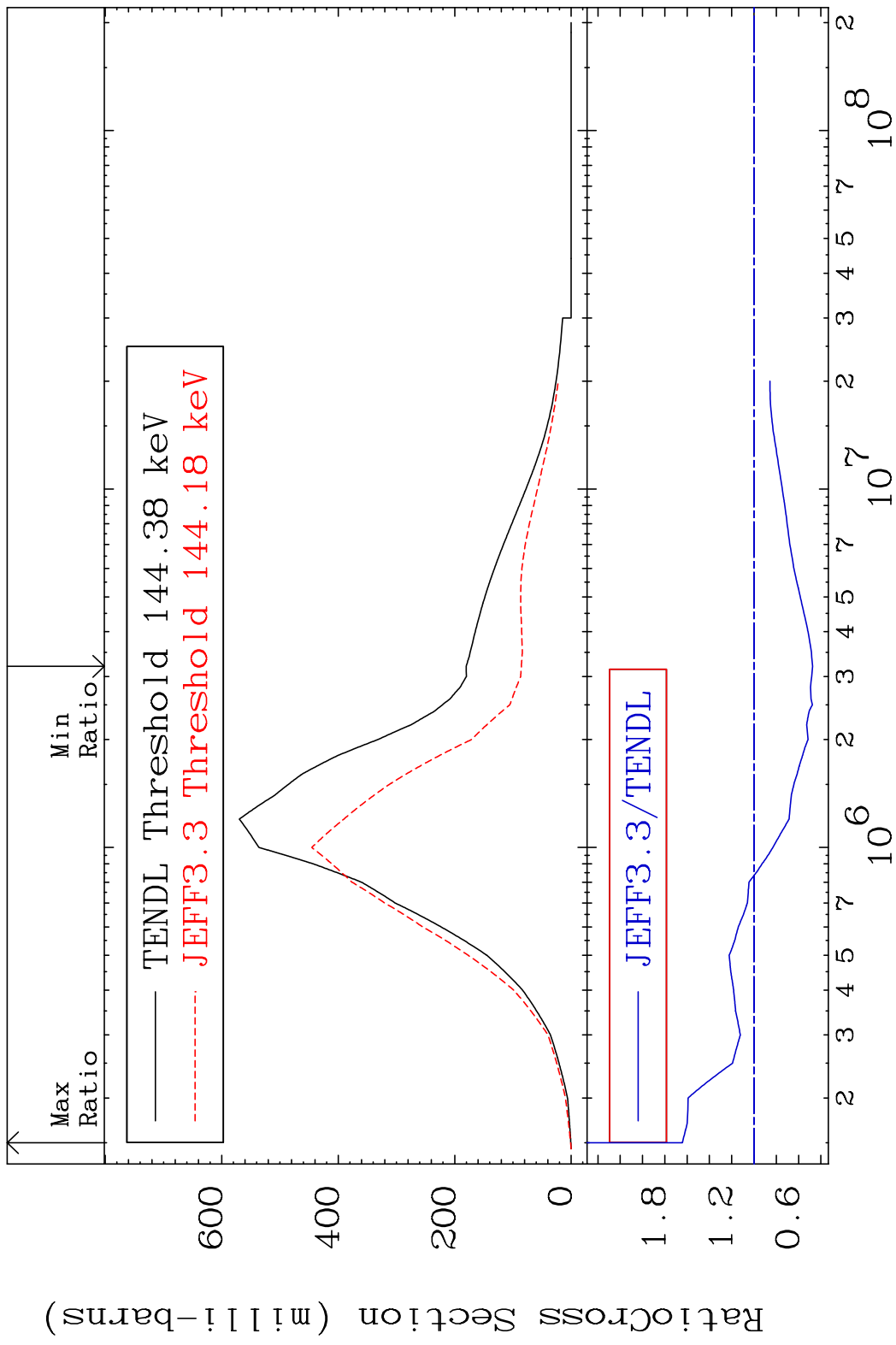


MAT 9649 MT= 51 (n,n') Level 96-Cm-248
 Cross Section -100.0 To 239.4 %

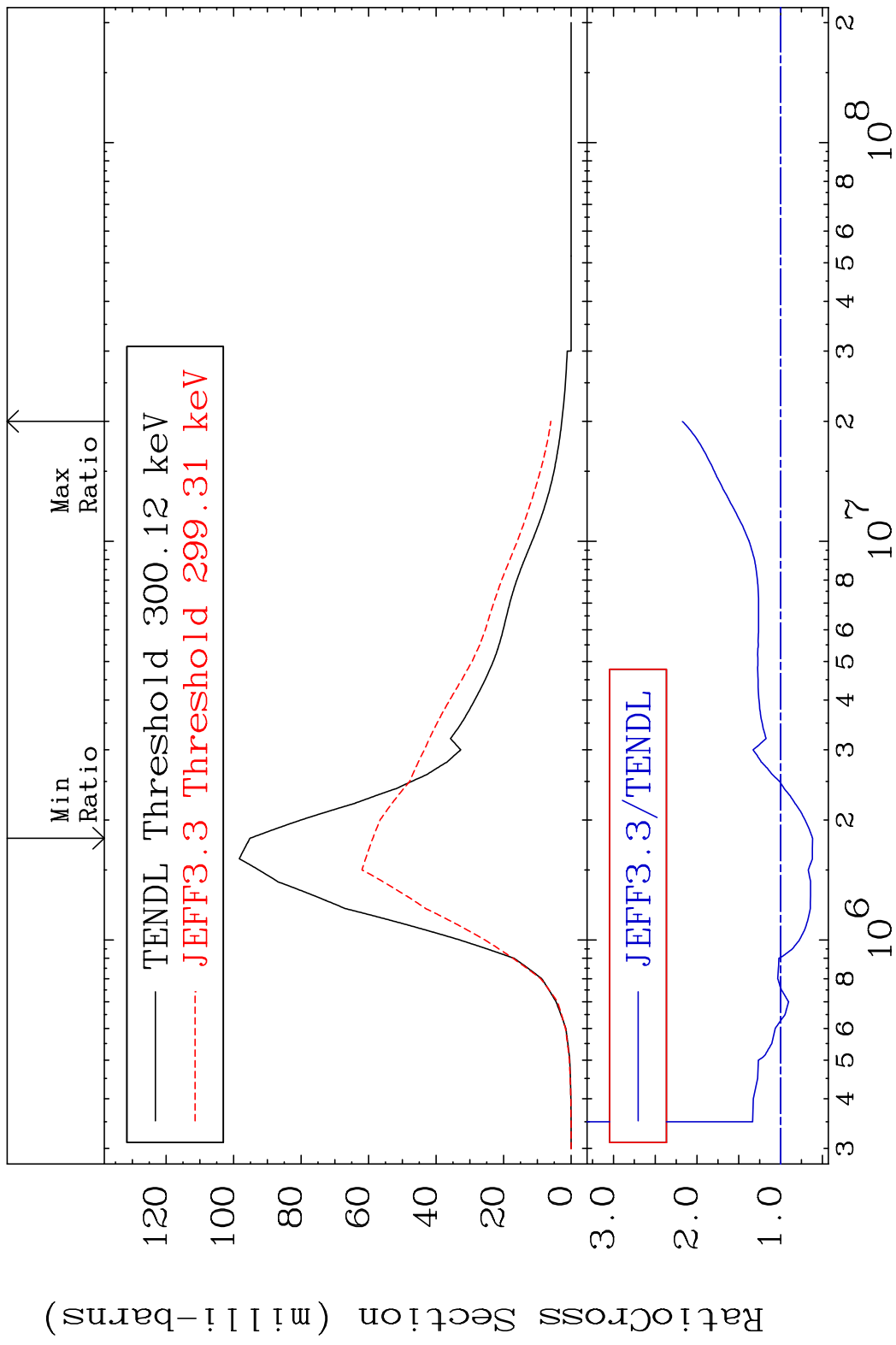


7 Incident Energy (eV) 96-Cm-248

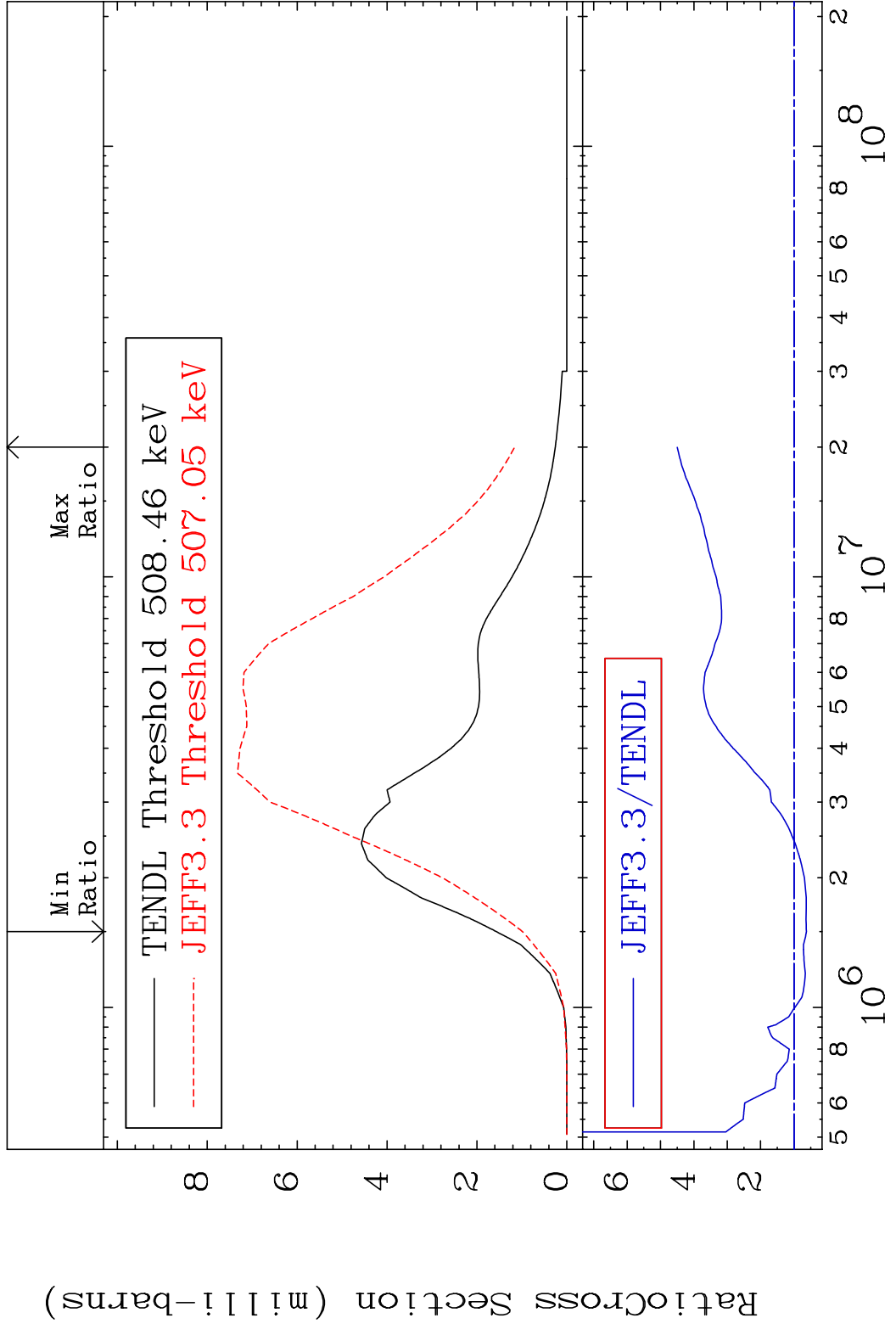
MAT 9649 MT= 52 (n, n') Level 96-Cm-248
 Cross Section -52.53 To 64.27 %



MAT 9649 MT= 53 (n, n') Level 96-Cm-248
 Cross Section -38.25 To 117.6 %

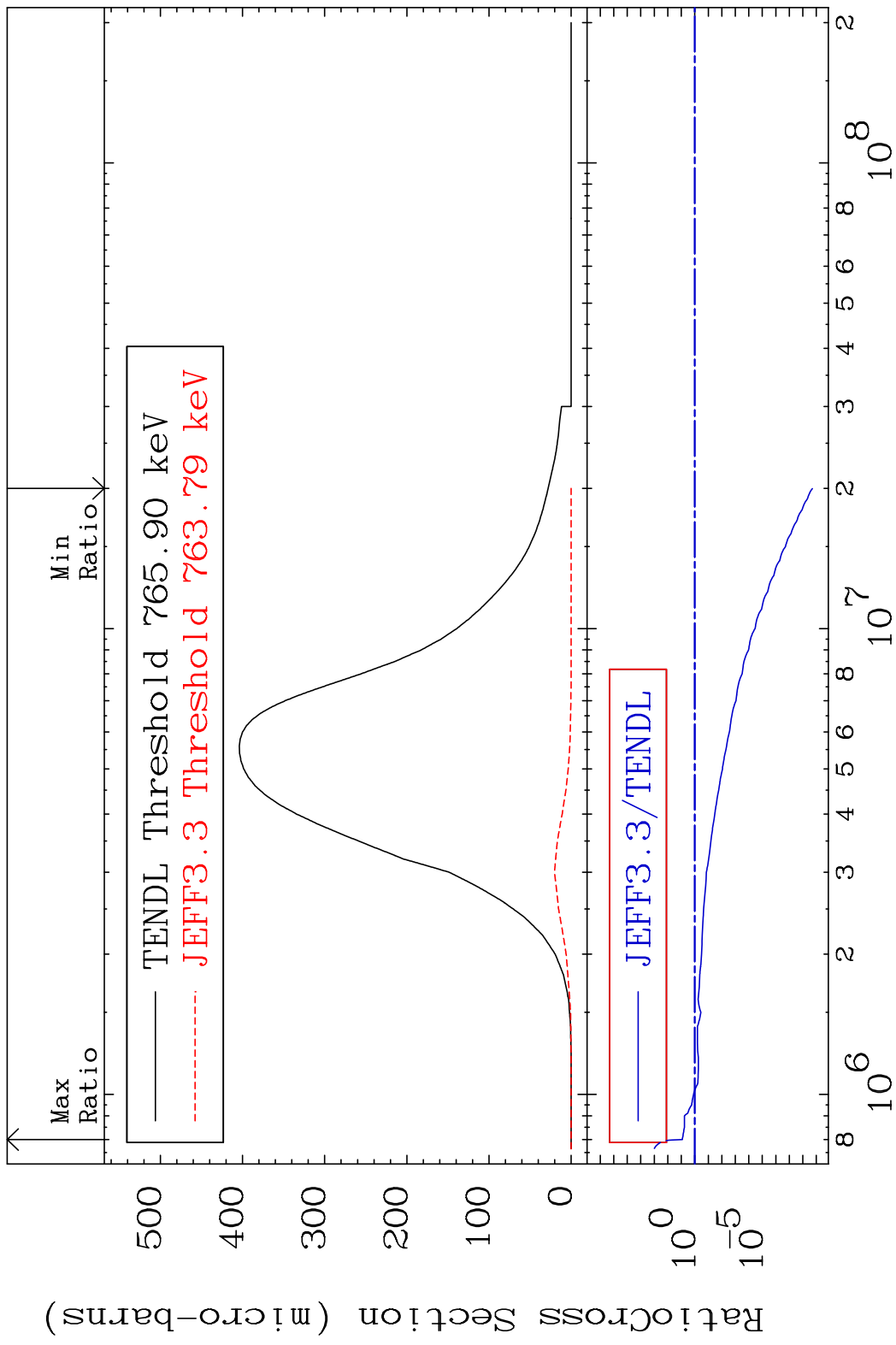


MAT 9649 MT= 54 (n, n') Level 96-Cm-248
 Cross Section -37.15 To 349.9 %



10 Incident Energy (eV) 96-Cm-248

MAT 9649 MT= 55 (n, n') Level 96-Cm-248
 Cross Section -100.0 To 730.2 %

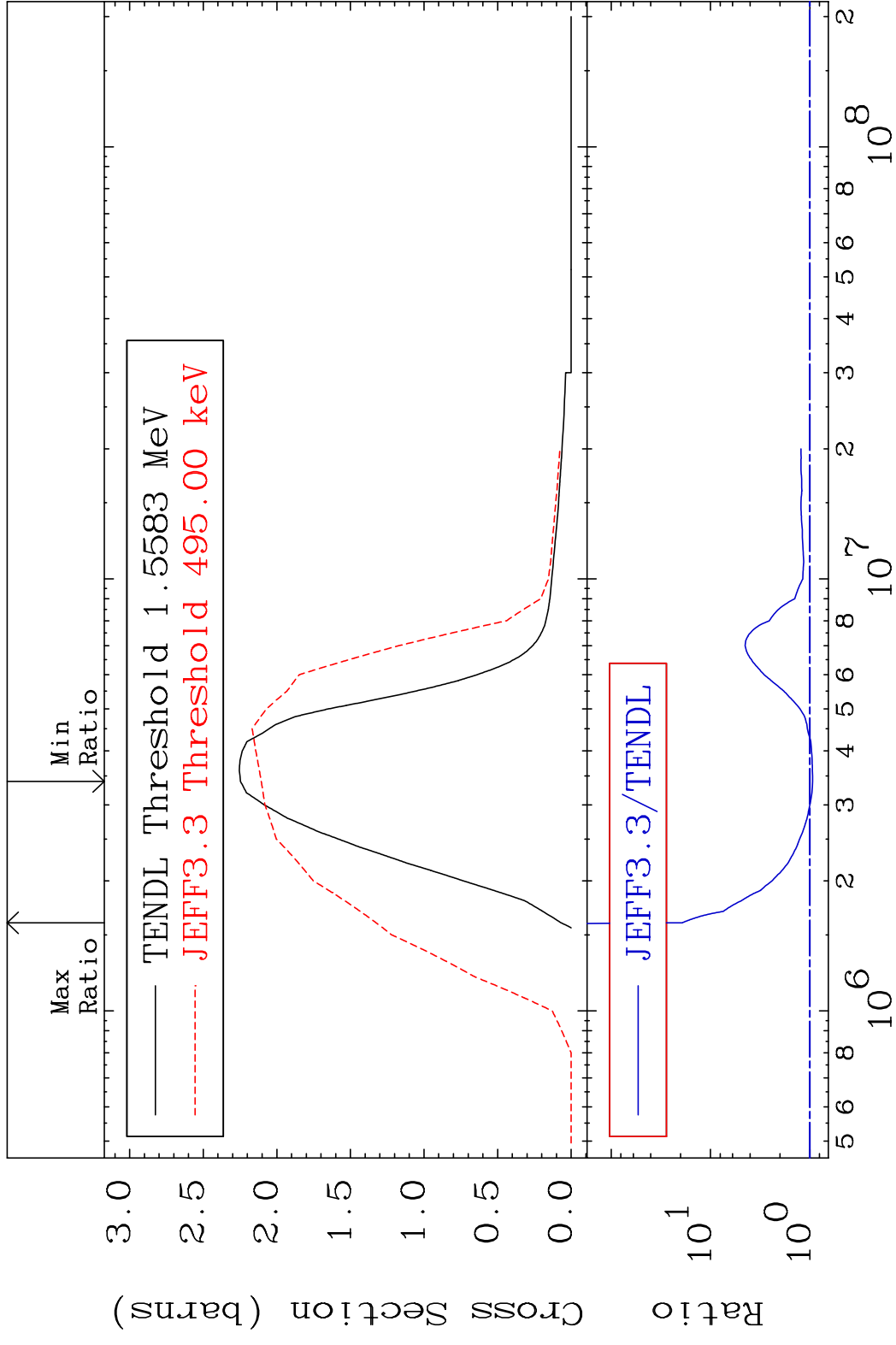


MAT 9649

(n, n') Continuum

96-Cm-248

Cross Section -6.274 To 1823. %

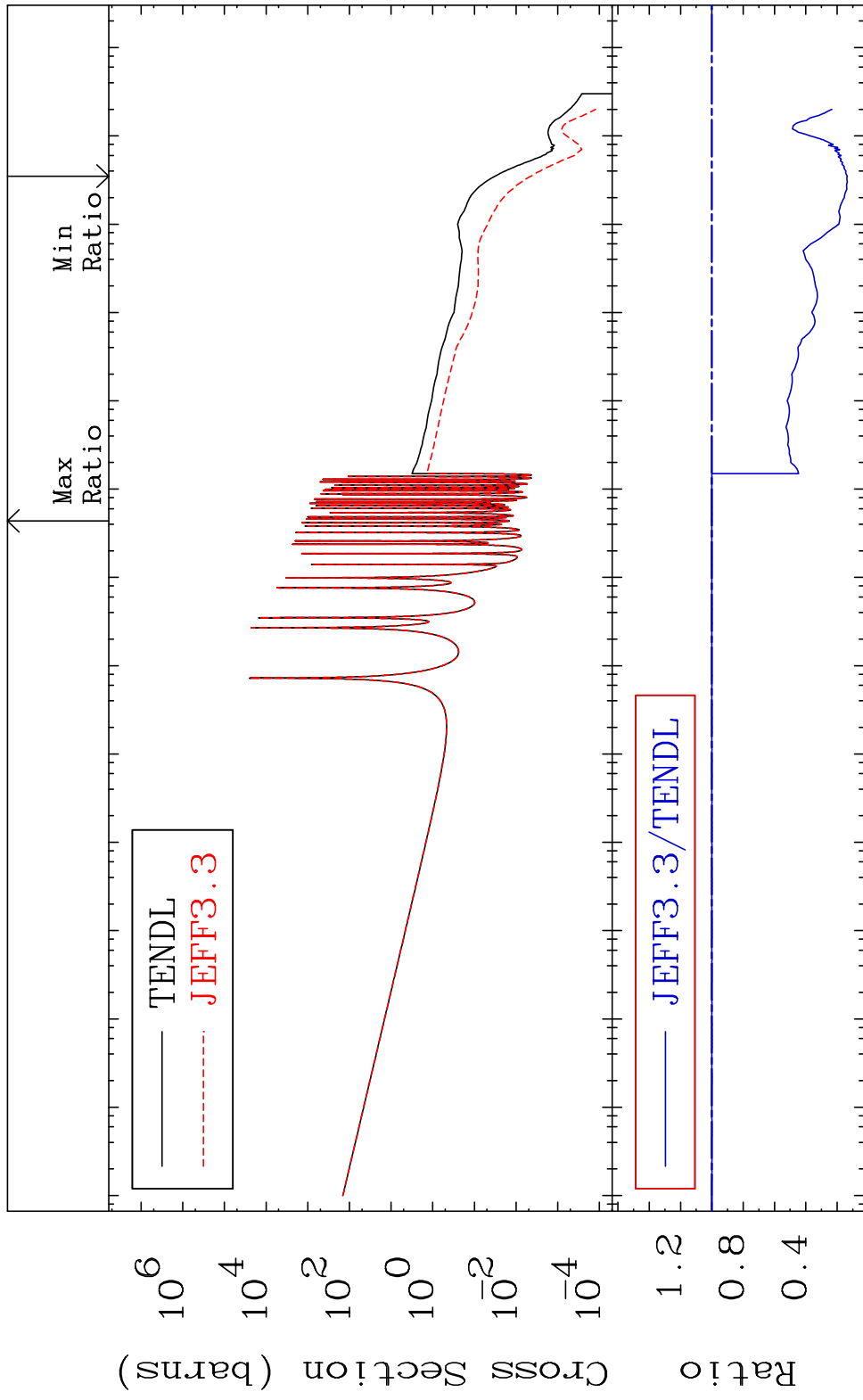


MAT 9649

(n, γ)

96-Cm-248

Cross Section -86.50 To 0.212 %



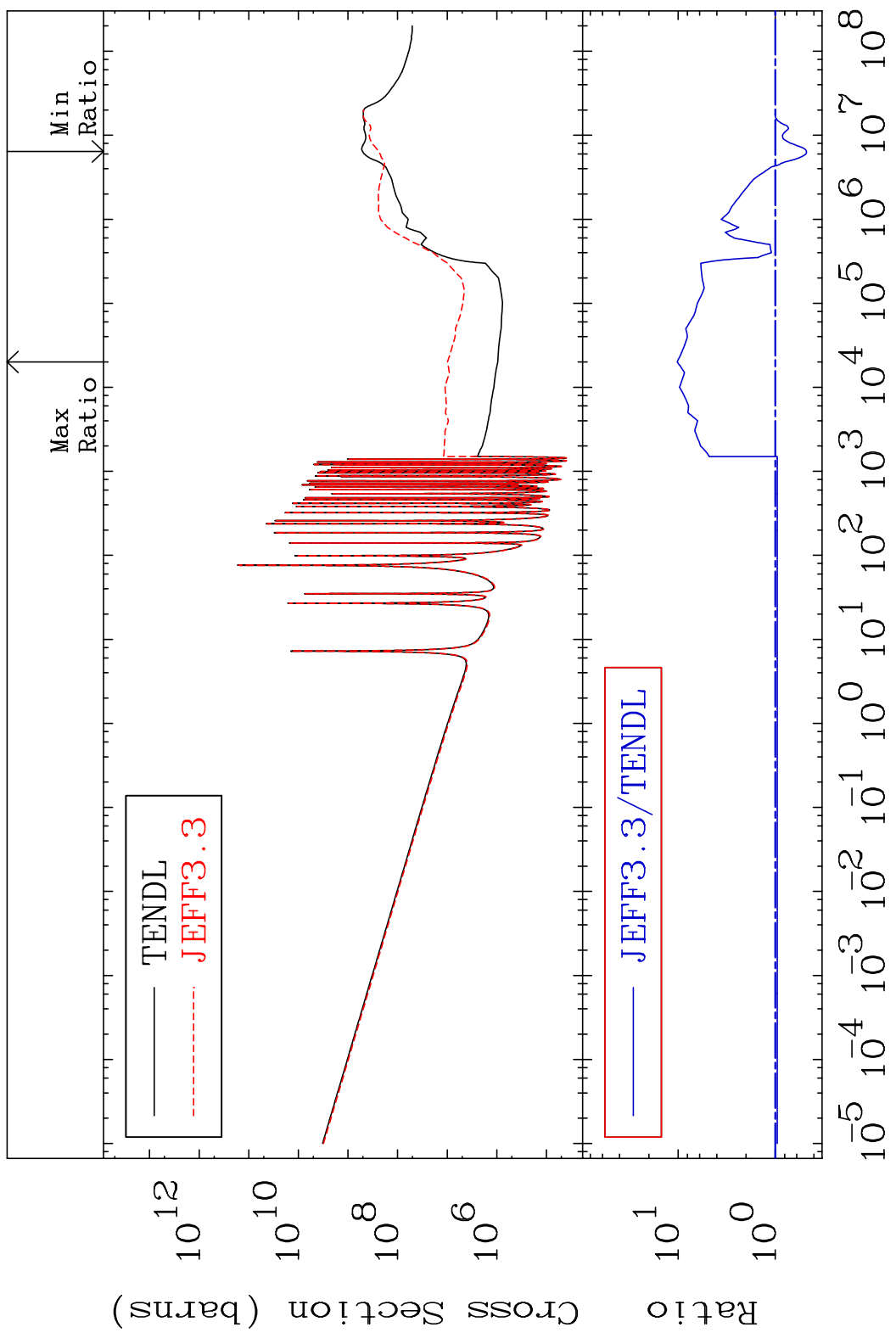
13

Incident Energy (eV)

96-Cm-248

MAT 9649

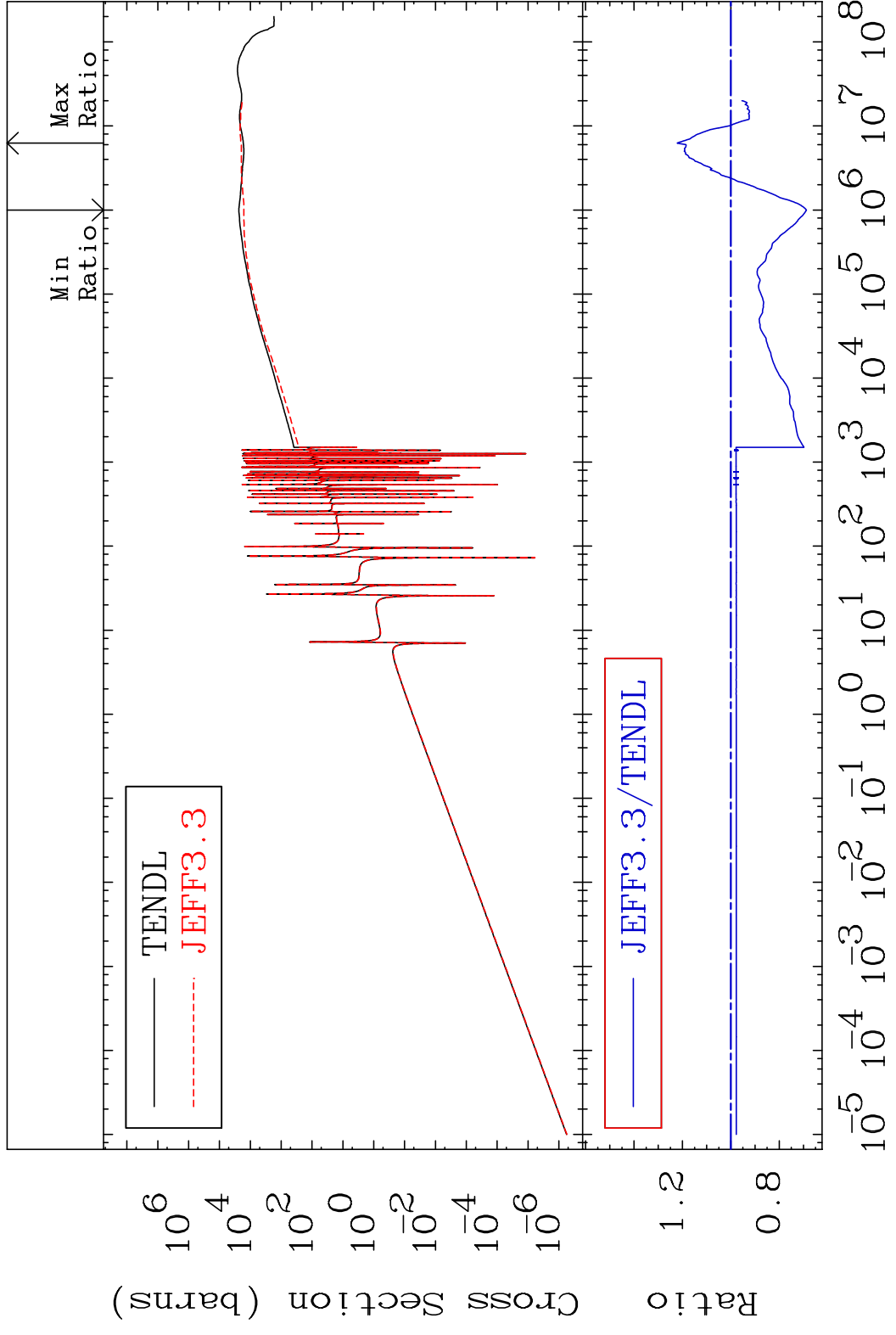
Kerma total (eV-barns) 96-Cm-248
Cross Section -52.20 To 921.2 %



MAT 9649

Kerma elastic
Cross Section

96-Cm-248
-31.20 To 22.17 %

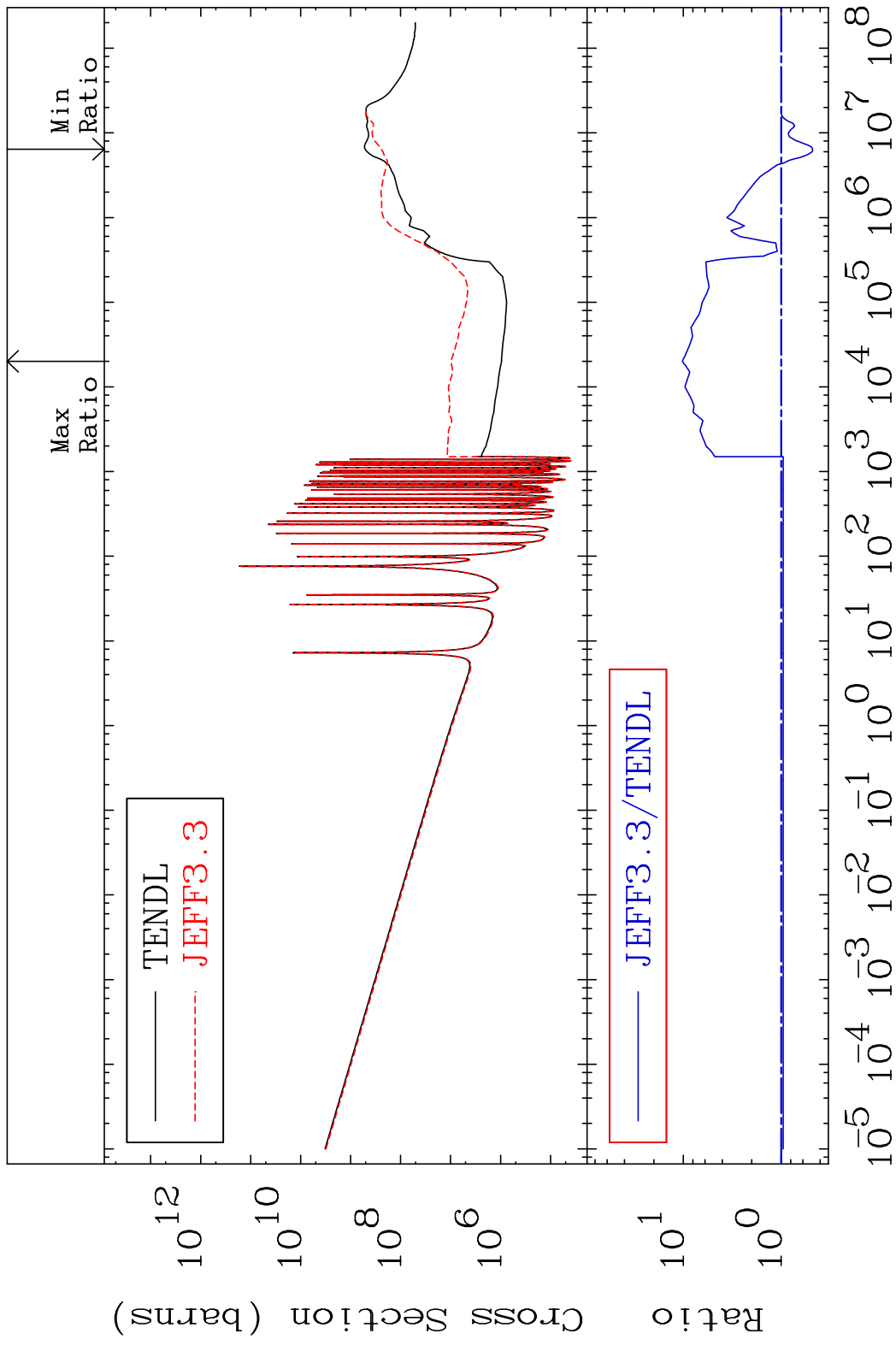


15

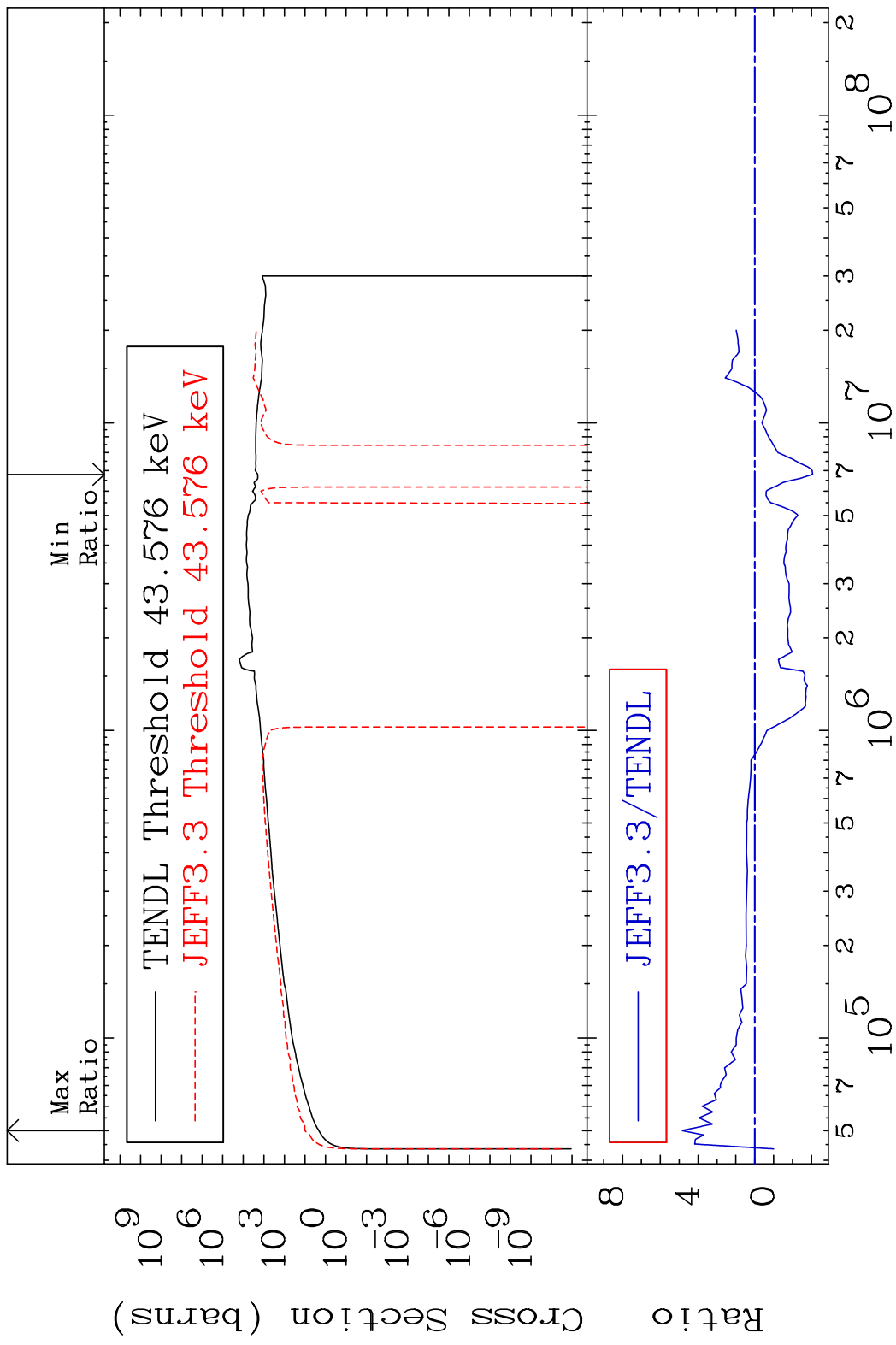
Incident Energy (eV)

96-Cm-248

MAT 9649 Kerma non-elastic (all but mt2) 96-Cm-248
 Cross Section -52.20 To 923.9 %

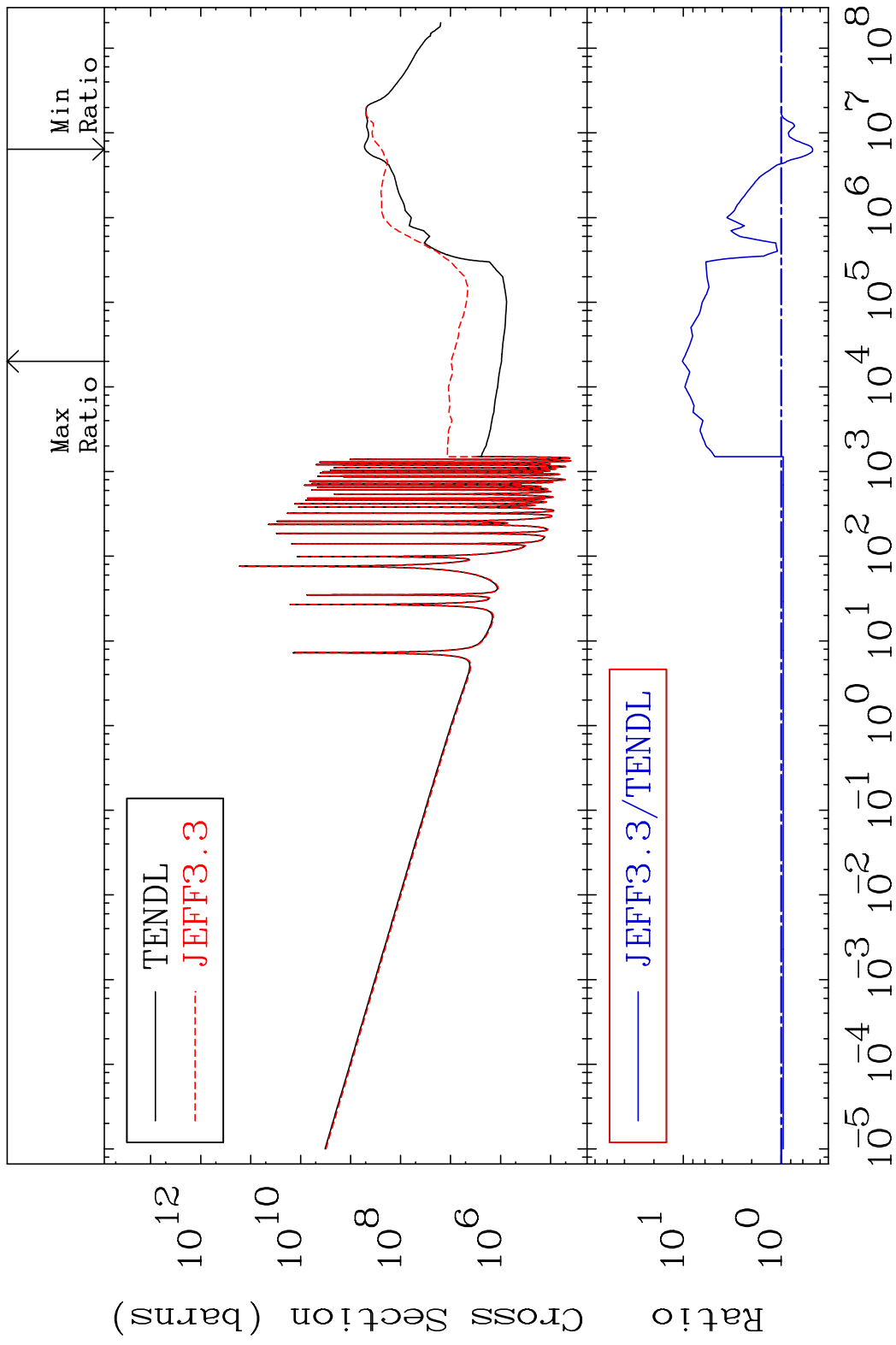


MAT 9649 Kerma inelastic (mt51-91) 96-Cm-248
 Cross Section -306.3 To 383.3 %



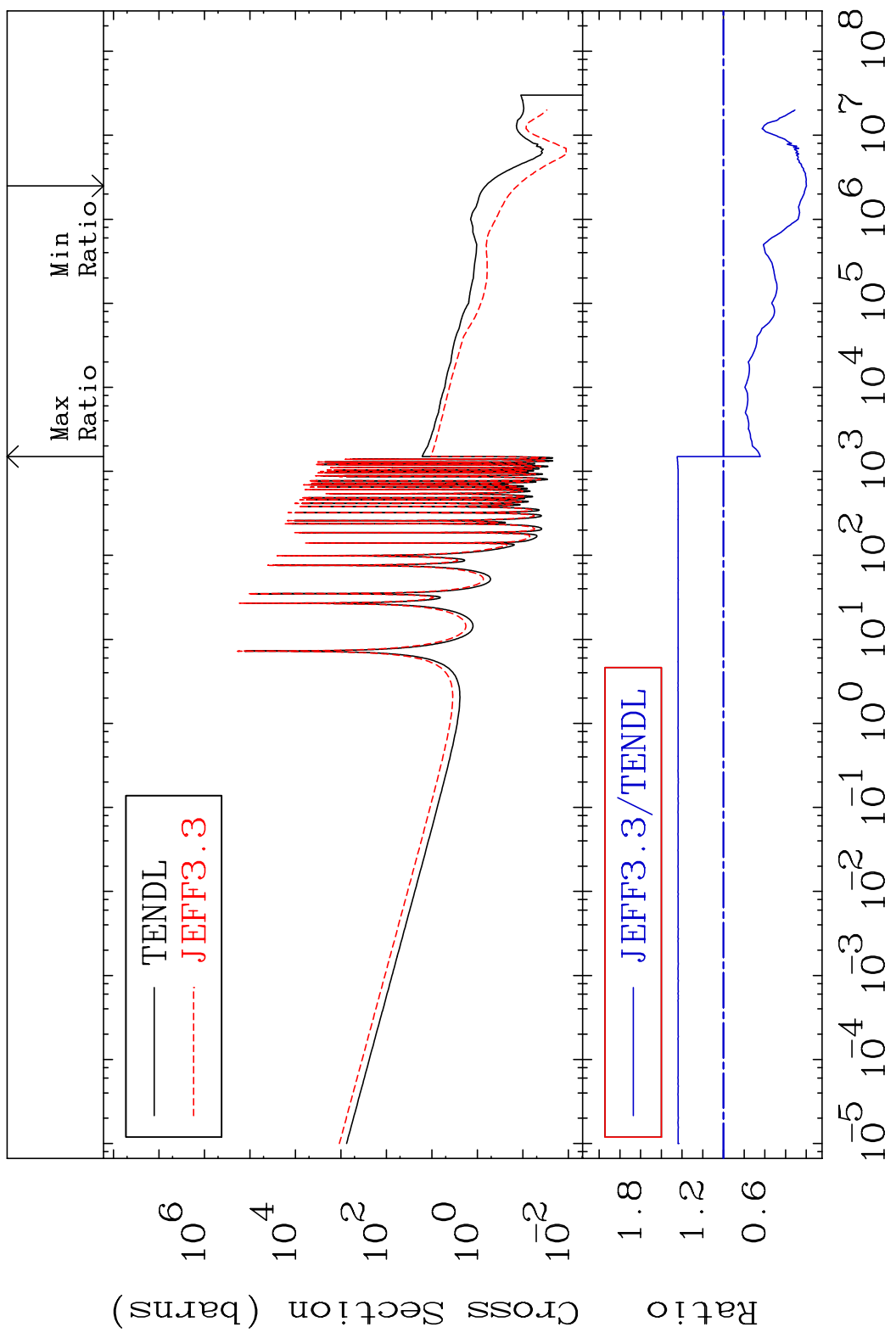
17 Incident Energy (eV) 96-Cm-248

MAT 9649 Kerma fission (mt18 or mt19-20-21-38) 96-Cm-248
 Cross Section -52.20 To 924.0 %

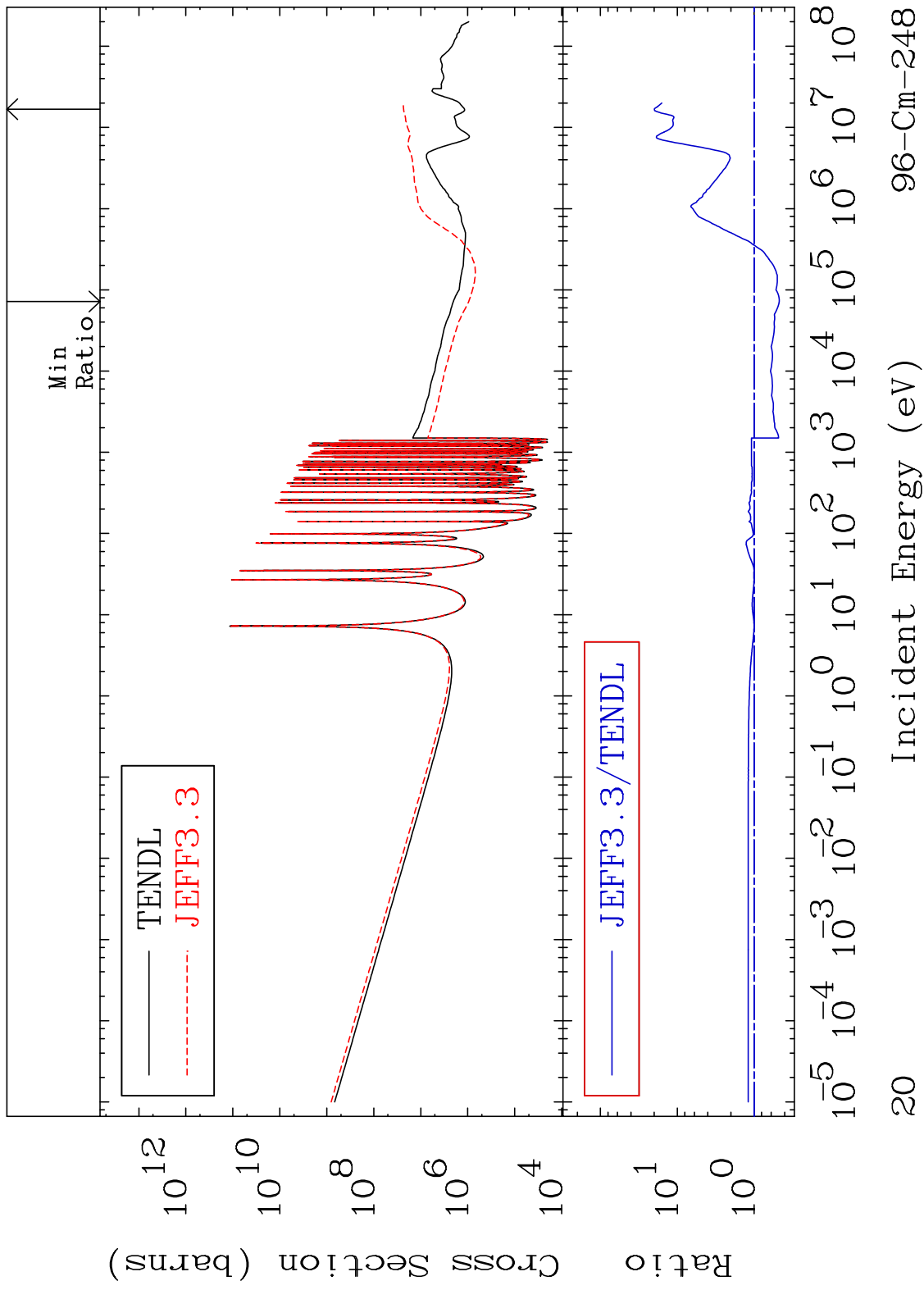


MAT 9649

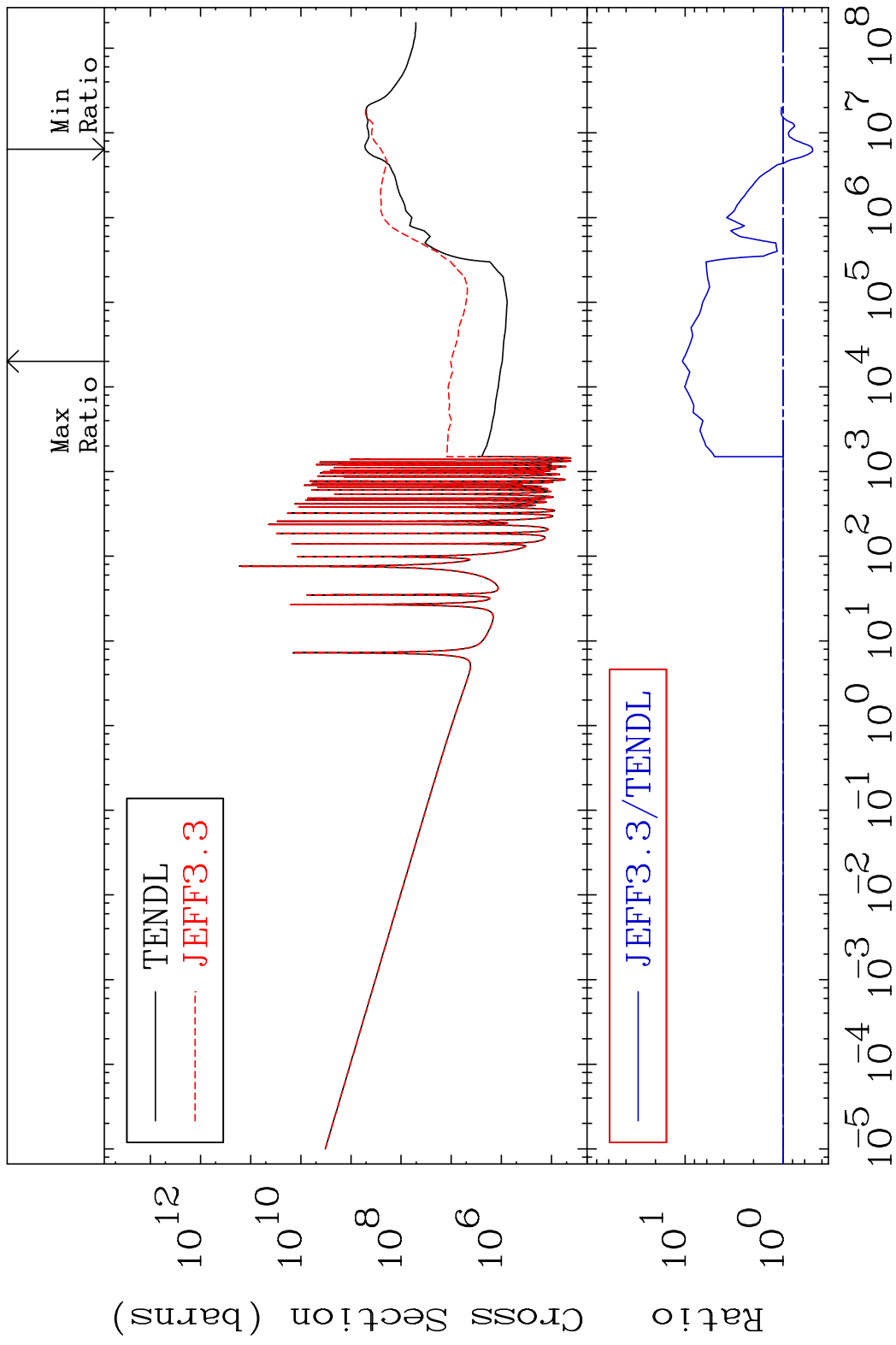
Kerma capture (mt102) 96-Cm-248
Cross Section -80.10 To 44.68 %



MAT 9649 Total photon (eV-barns) 96-Cm-248
Cross Section -52.91 To 1889. %



MAT 9649 Total kinematic kerma (high limit) 96-Cm-248
 Cross Section -50.13 To 965.1 %

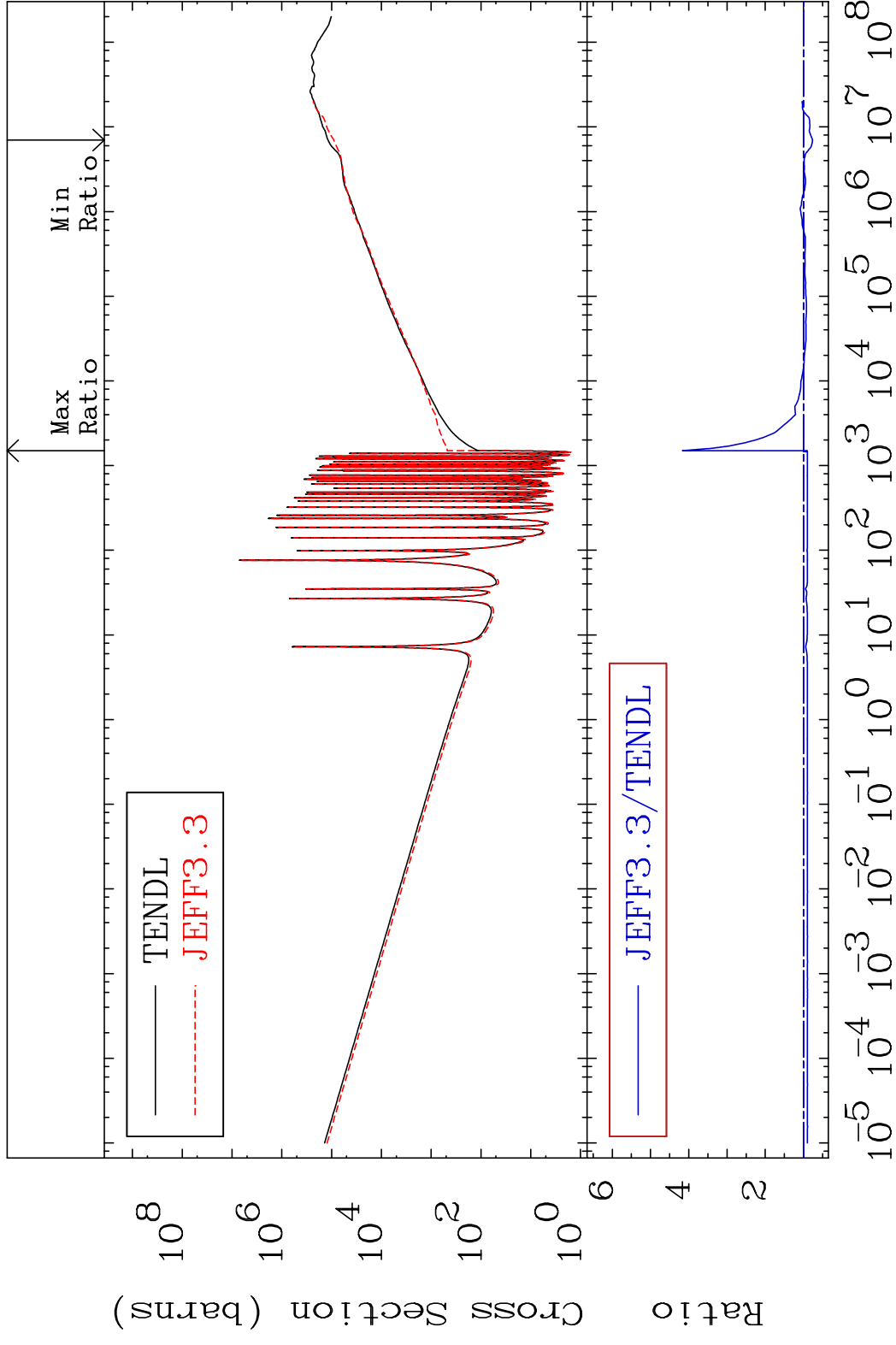


MAT 9649

Dpa total (eV-barns)

96-Cm-248

Cross Section -23.65 To 316.8 %



22

Incident Energy (eV)

96-Cm-248

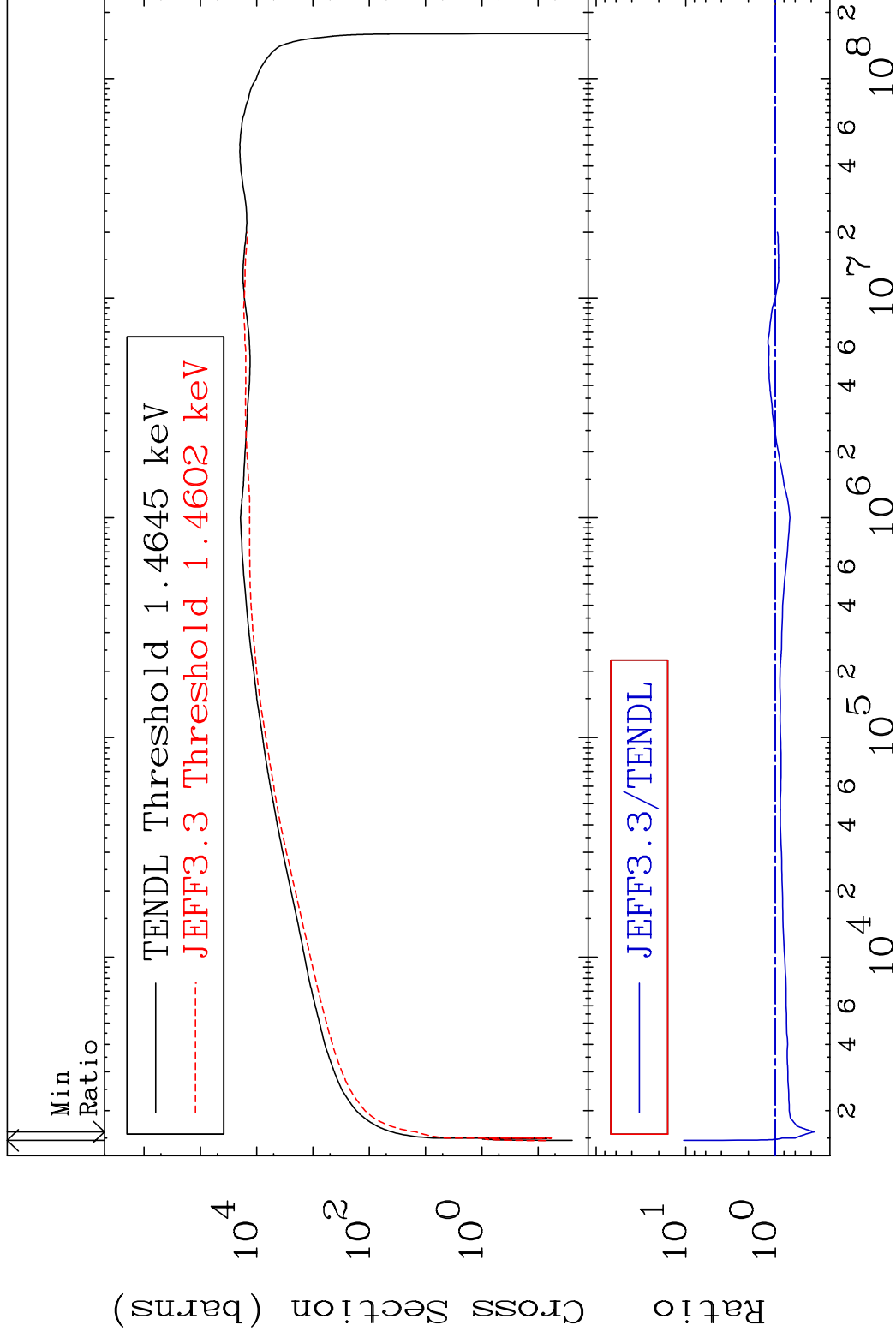
MAT 9649

Dpa elastic (mt2)

96-Cm-248

Cross Section

-63.00 To 957.0 %

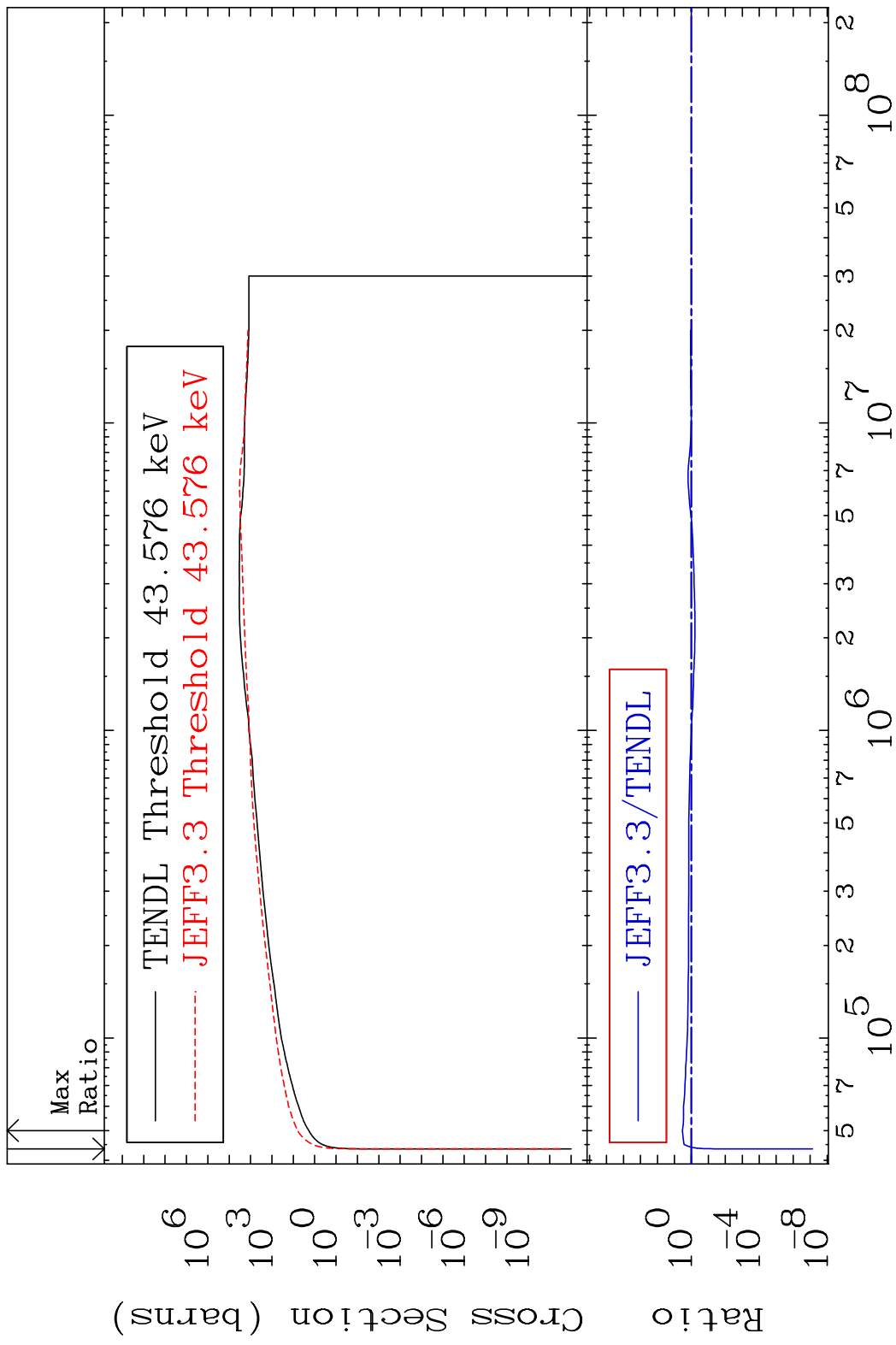


23

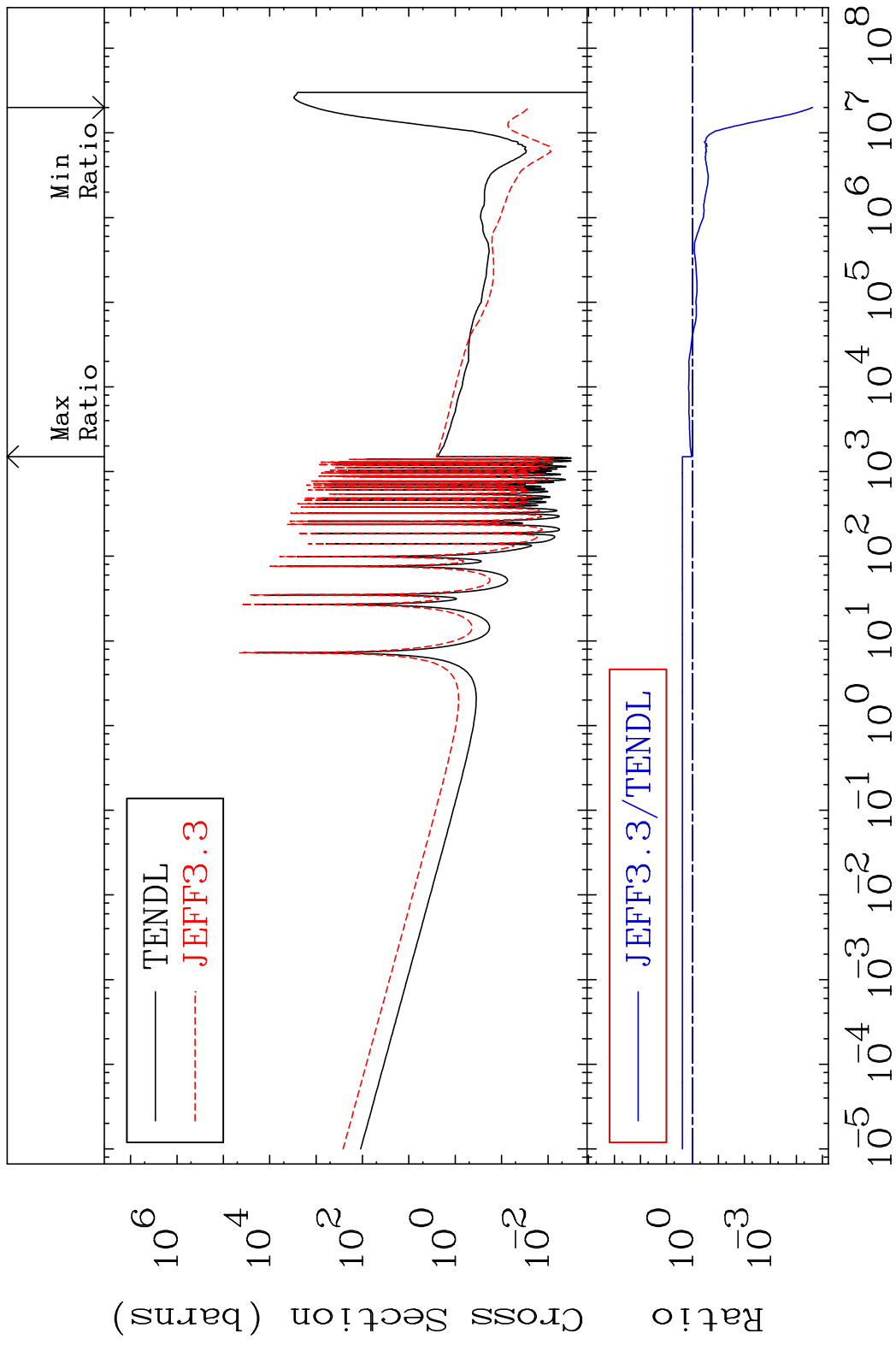
Incident Energy (eV)

96-Cm-248

MAT 9649 Dpa inelastic (mt51-91) 96-Cm-248
 Cross Section -100.0 To 240.6 %

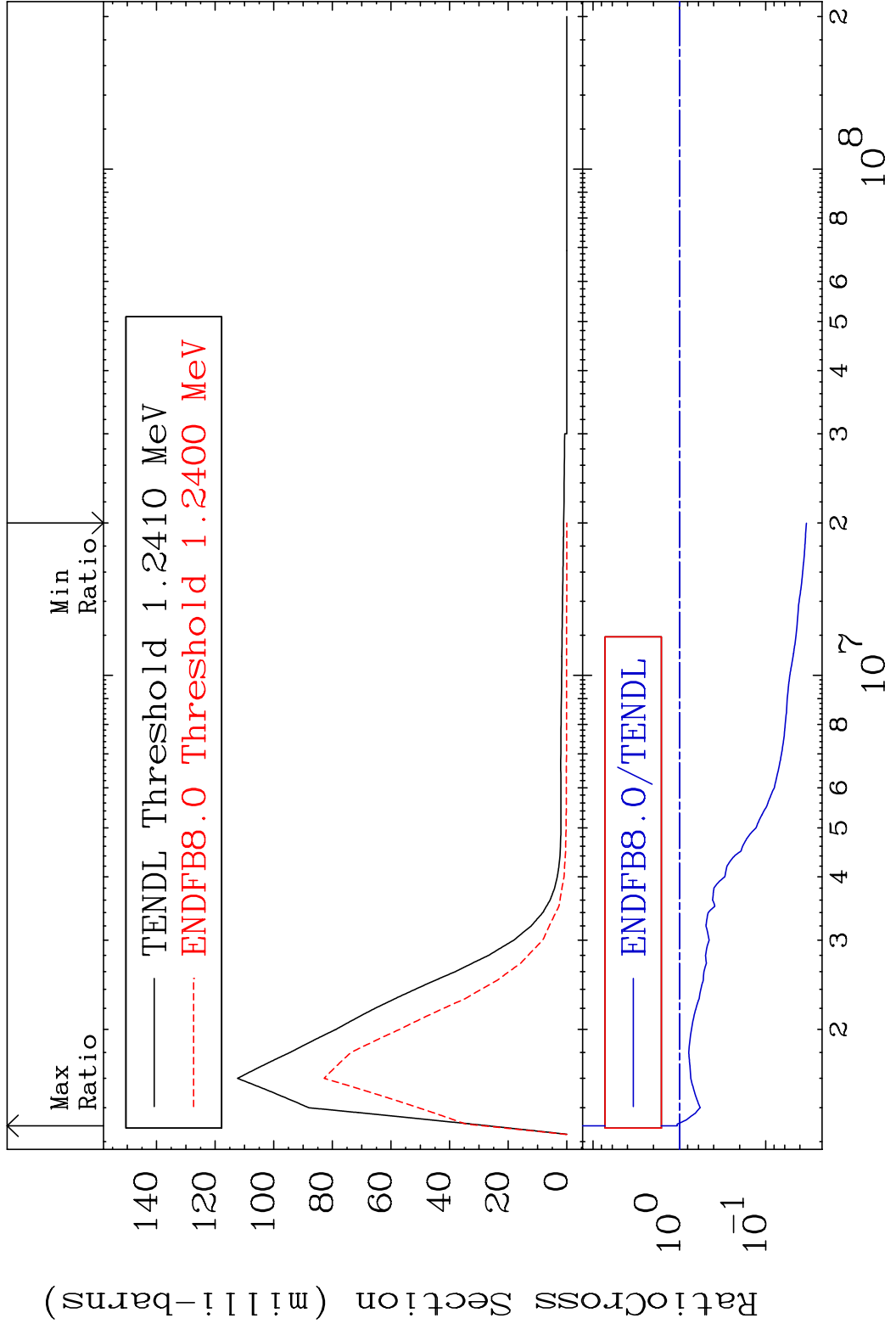


MAT 9649 Dpa disappearance (mt102 -120) 96-Cm-248
 Cross Section -100.0 To 142.2 %



25 Incident Energy (eV) 96-Cm-248

MAT 9649 MT= 65 (n, n') Level 96-Cm-248
 Cross Section -96.63 To 6.027 %

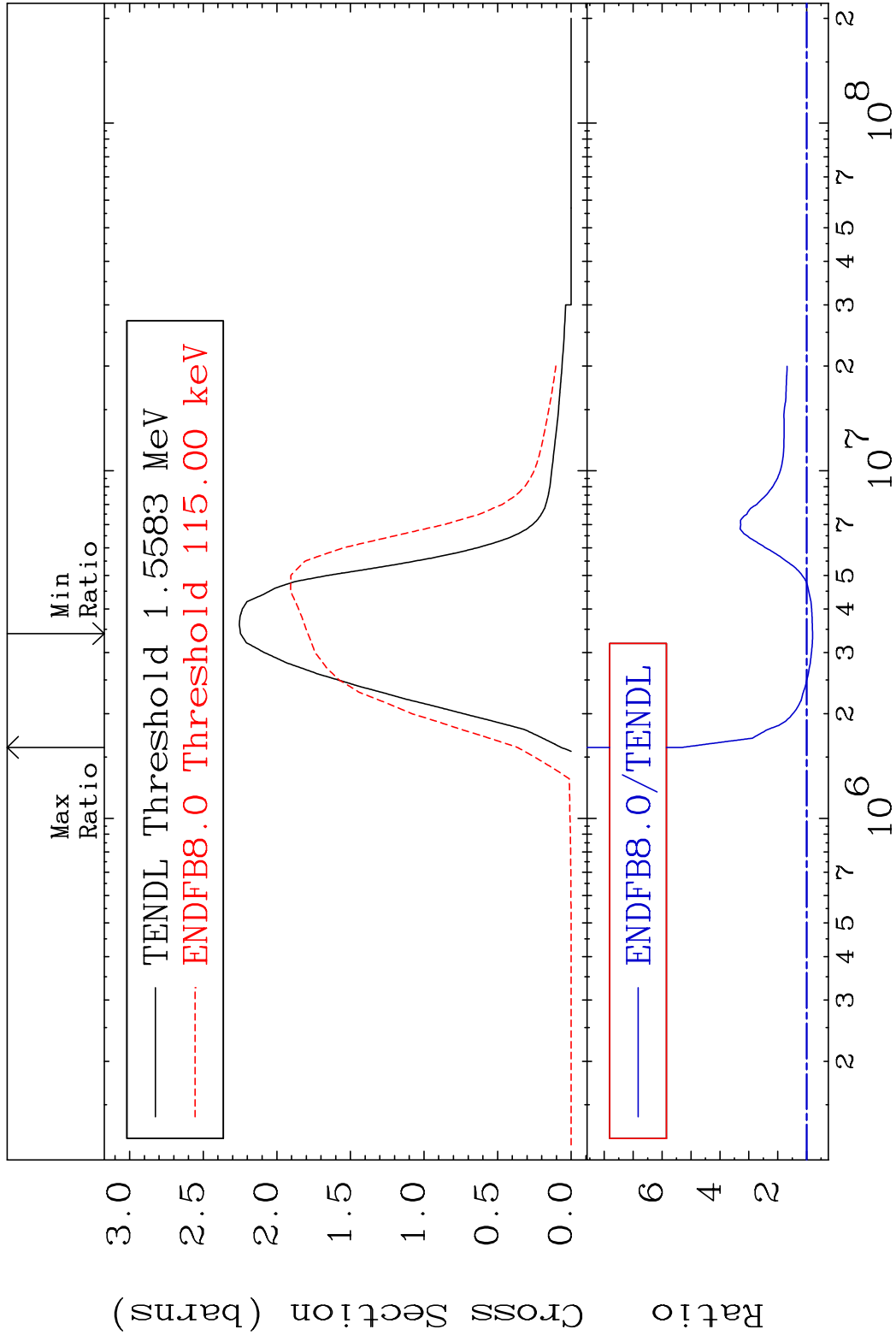


MAT 9649

(n, n') Continuum

96-Cm-248

Cross Section -20.41 To 429.9 %

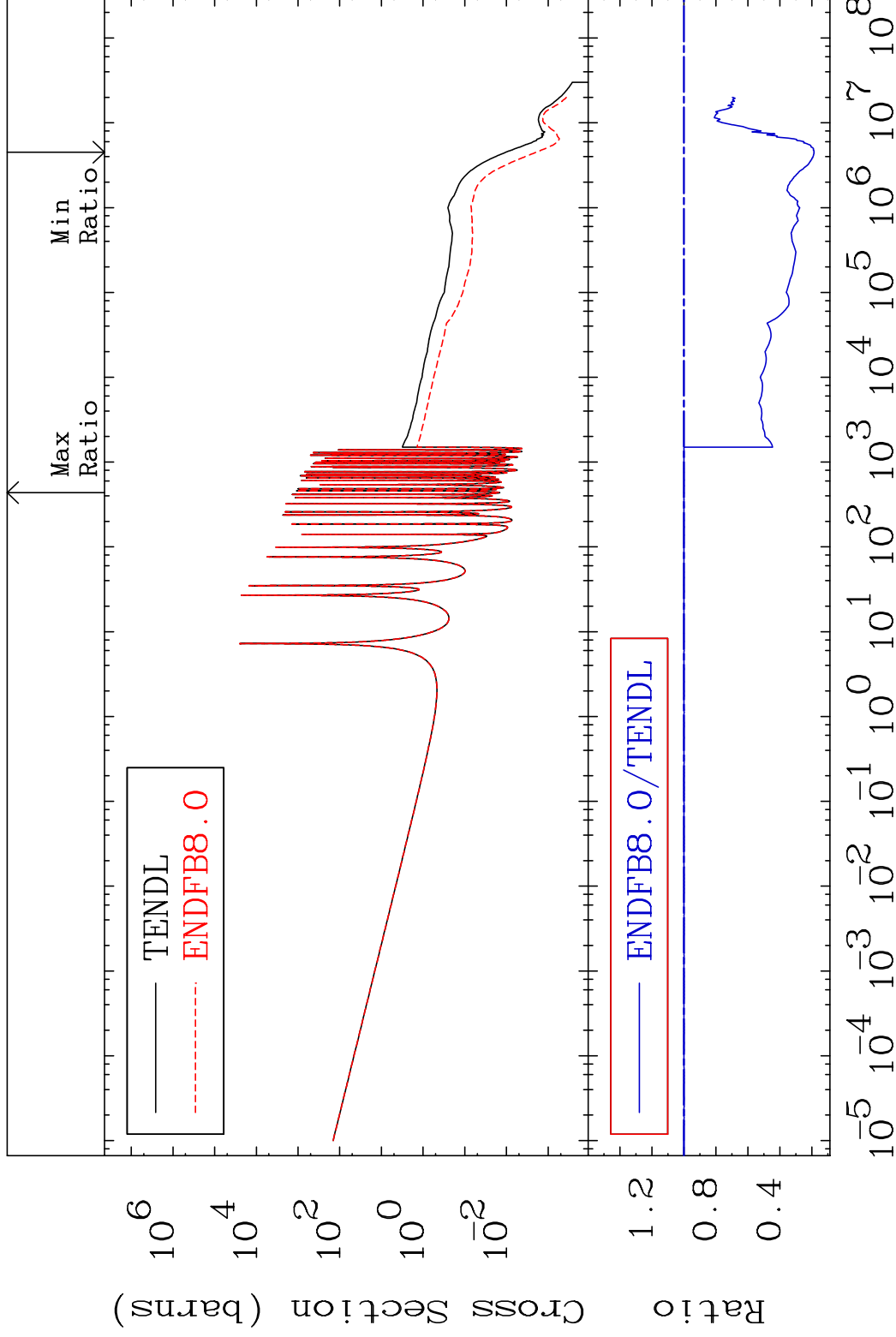


MAT 9649

(n, γ)

96-Cm-248

Cross Section -81.35 To 0.212 %

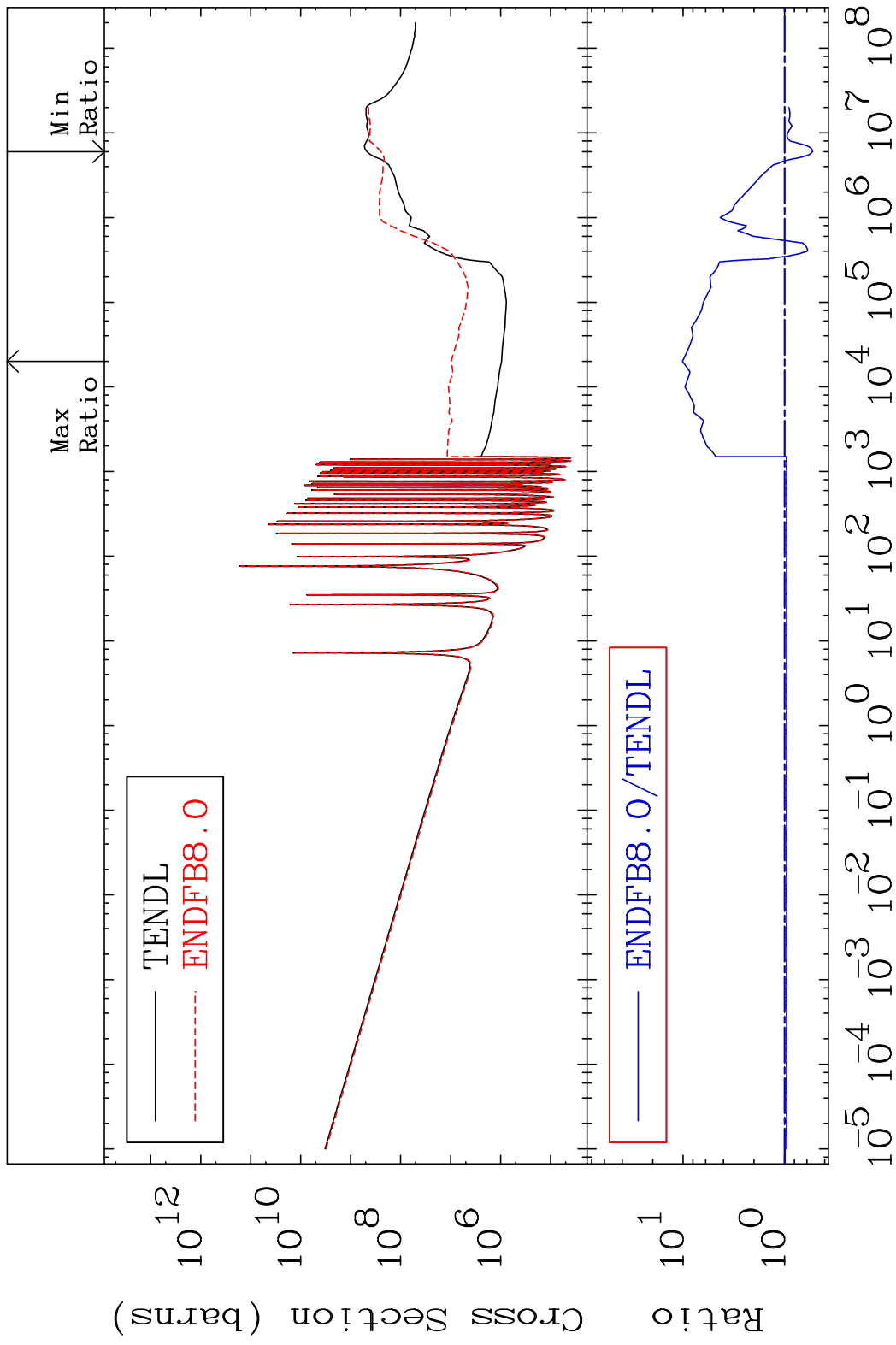


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Incident Energy (eV)

96-Cm-248

MAT 9649 Kerma total (eV-barns) 96-Cm-248
 Cross Section -47.20 To 918.9 %



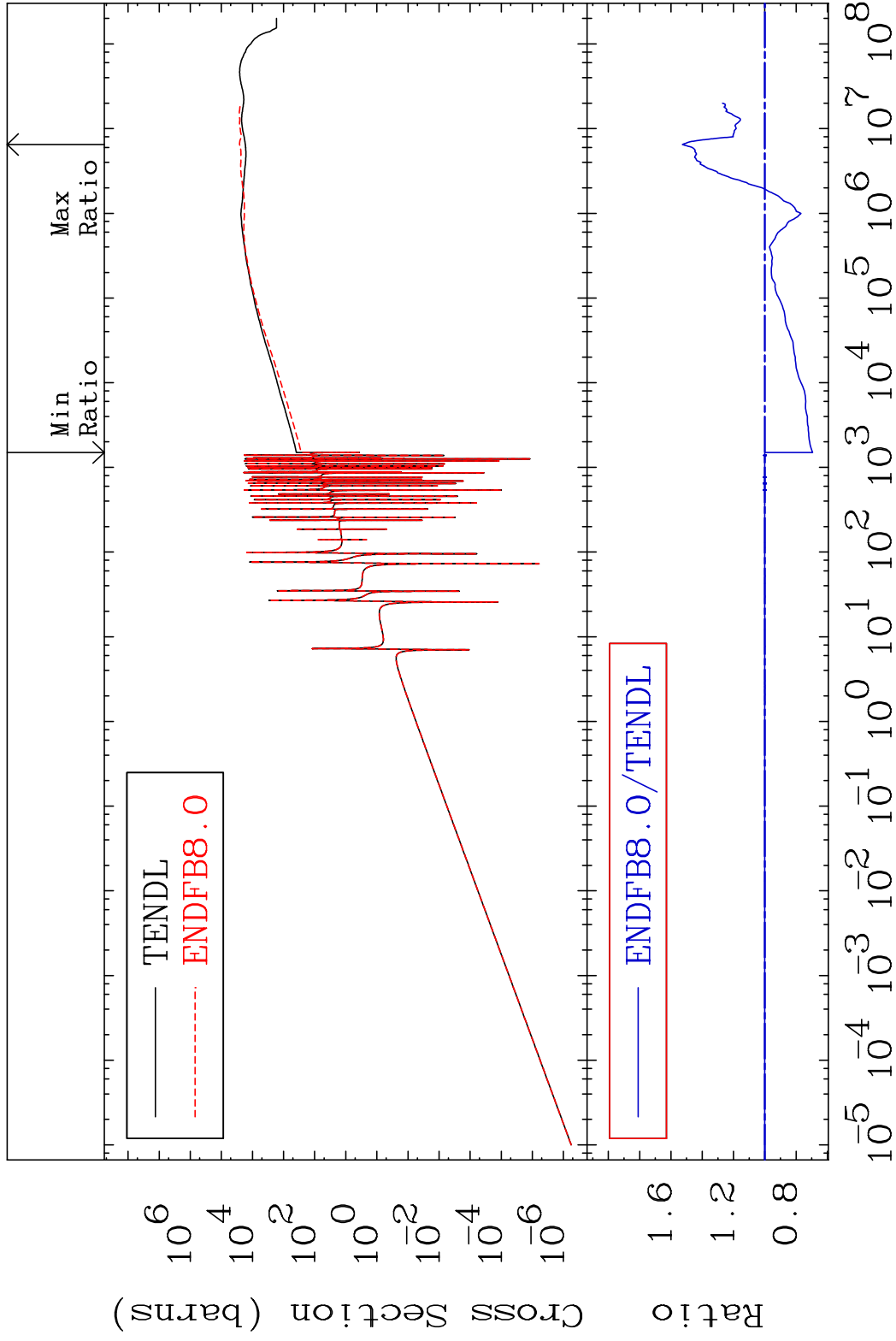
29 Incident Energy (eV) 96-Cm-248

MAT 9649

Kerma elastic

96-Cm-248

Cross Section -30.51 To 52.71 %

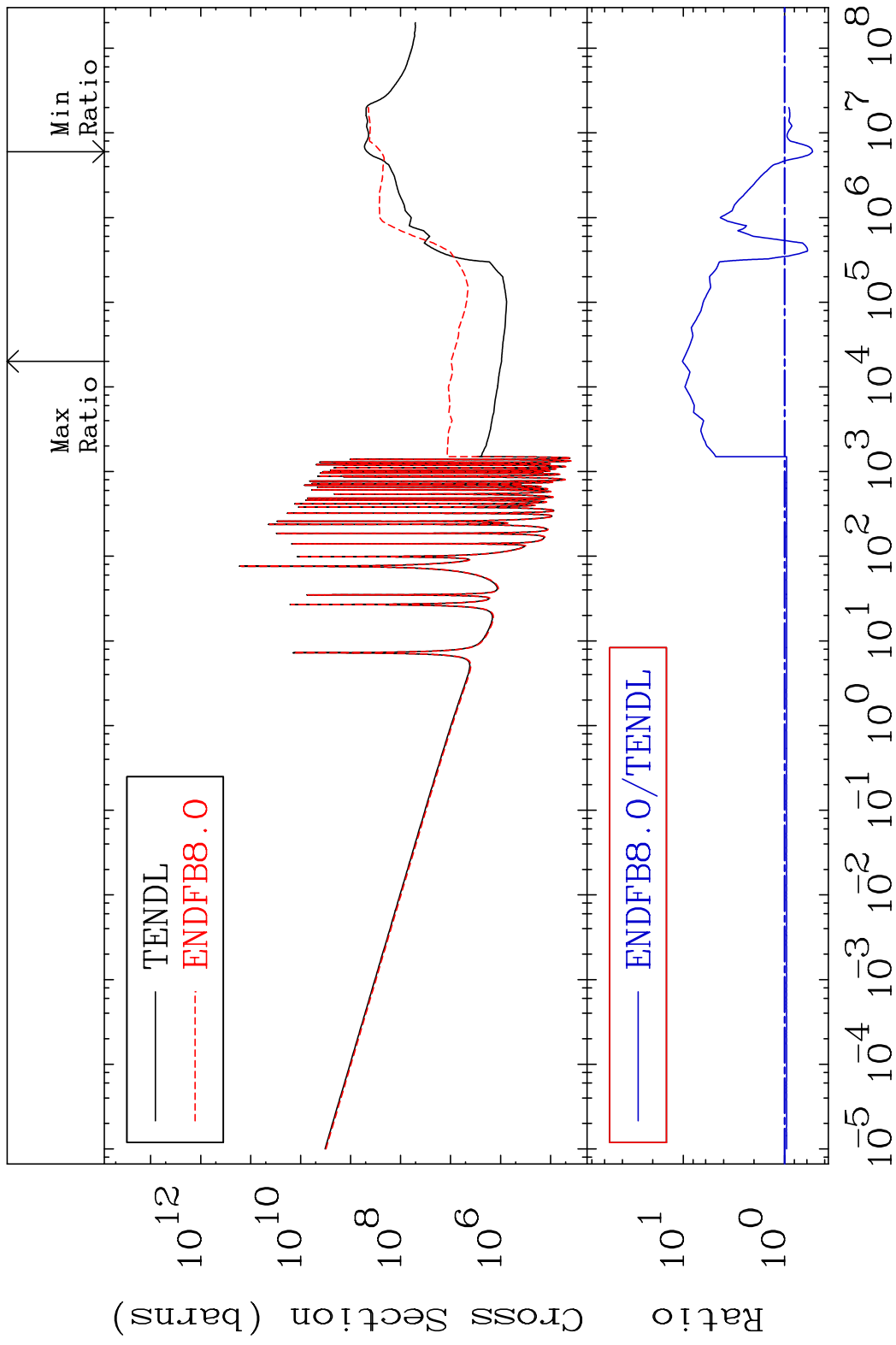


30

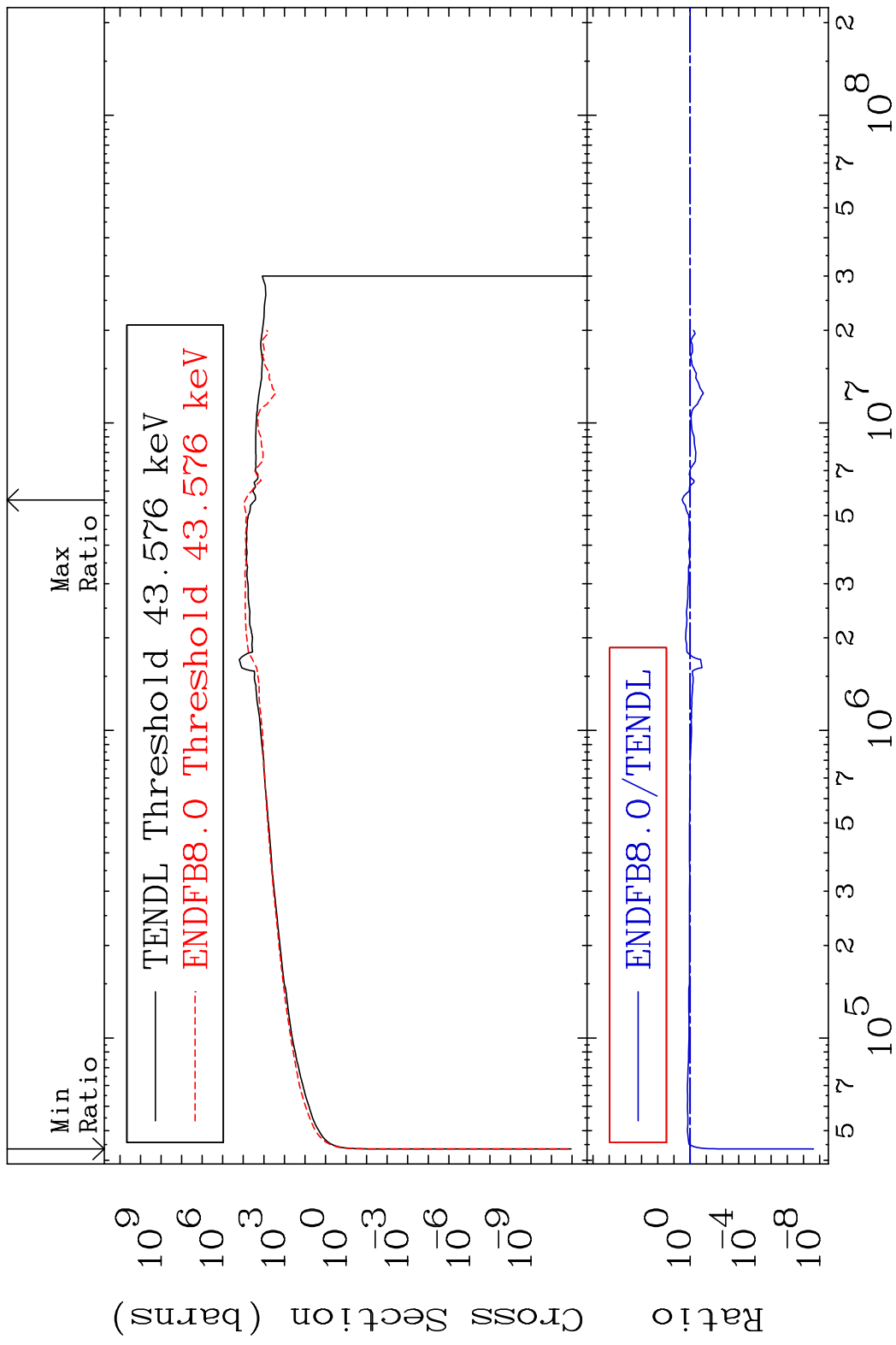
Incident Energy (eV)

96-Cm-248

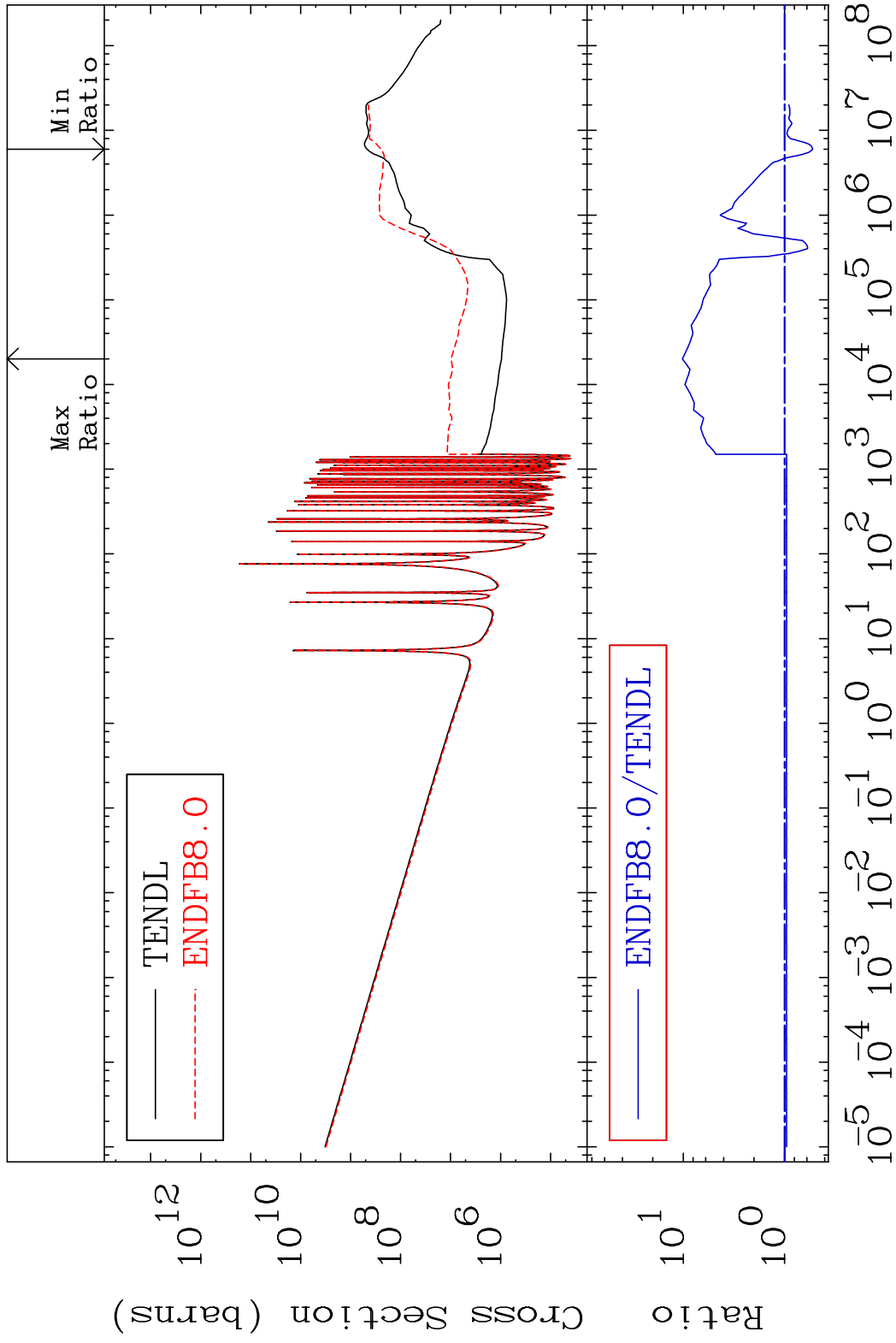
MAT 9649 Kerma non-elastic (all but mt2) 96-Cm-248
 Cross Section -47.20 To 921.6 %



MAT 9649 Kerma inelastic (mt51-91) 96-Cm-248
 Cross Section -100.0 To 200.5 %

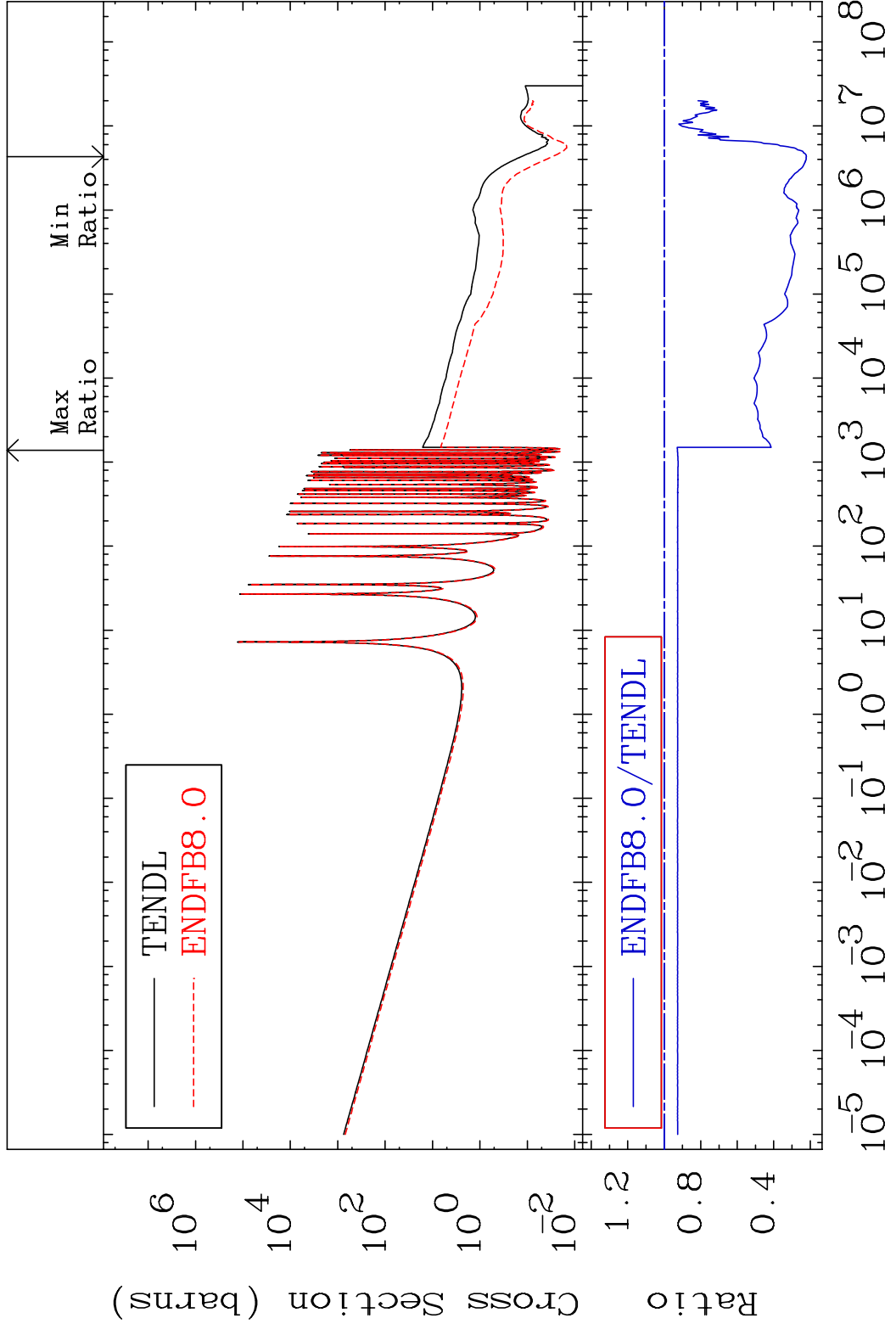


MAT 9649 Kerma fission (mt18 or mt19-20-21-38) 96-Cm-248
 Cross Section -47.20 To 921.6 %



MAT 9649

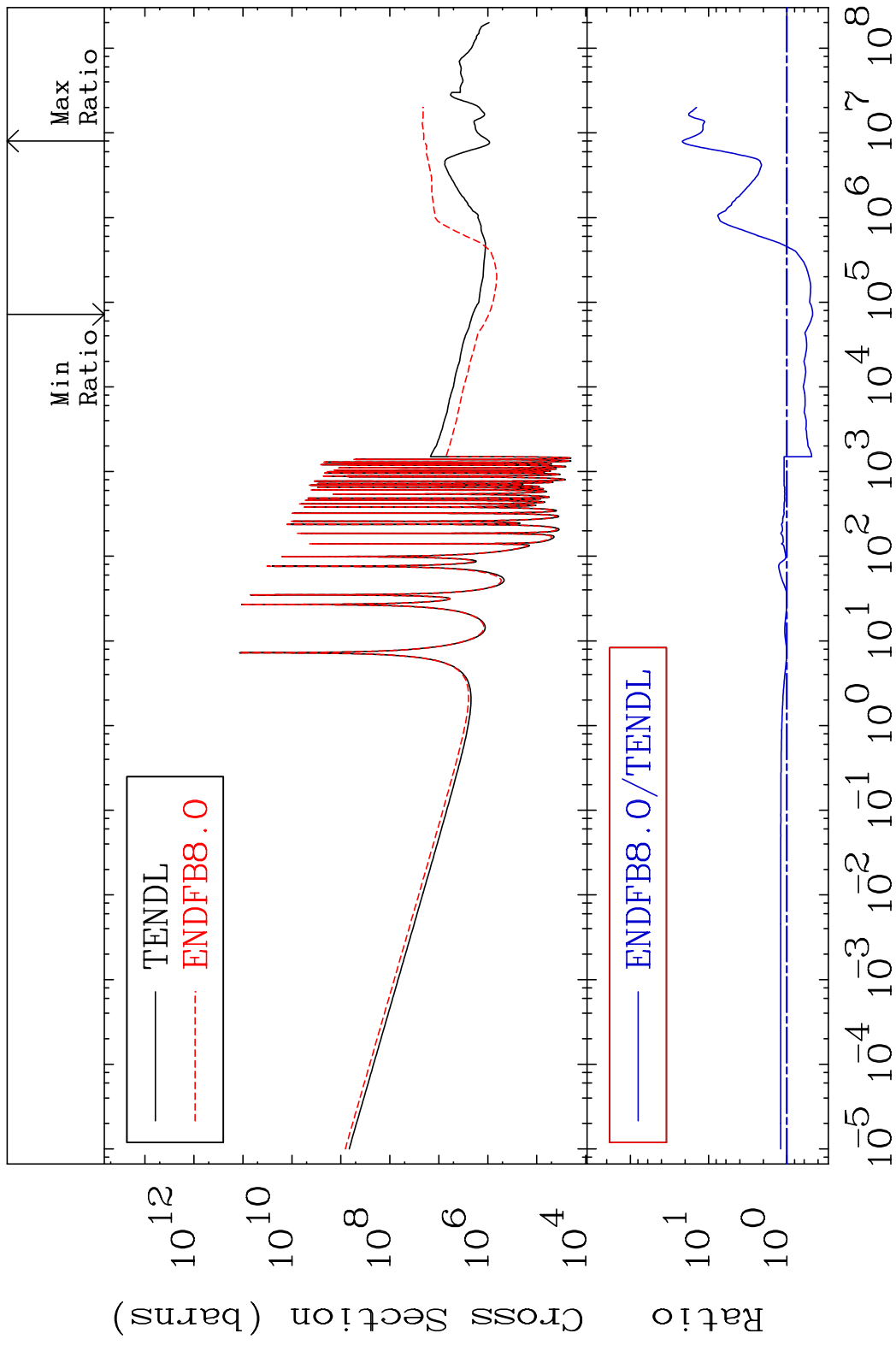
Kerma capture (mt102) 96-Cm-248
Cross Section -77.89 To -7.098%



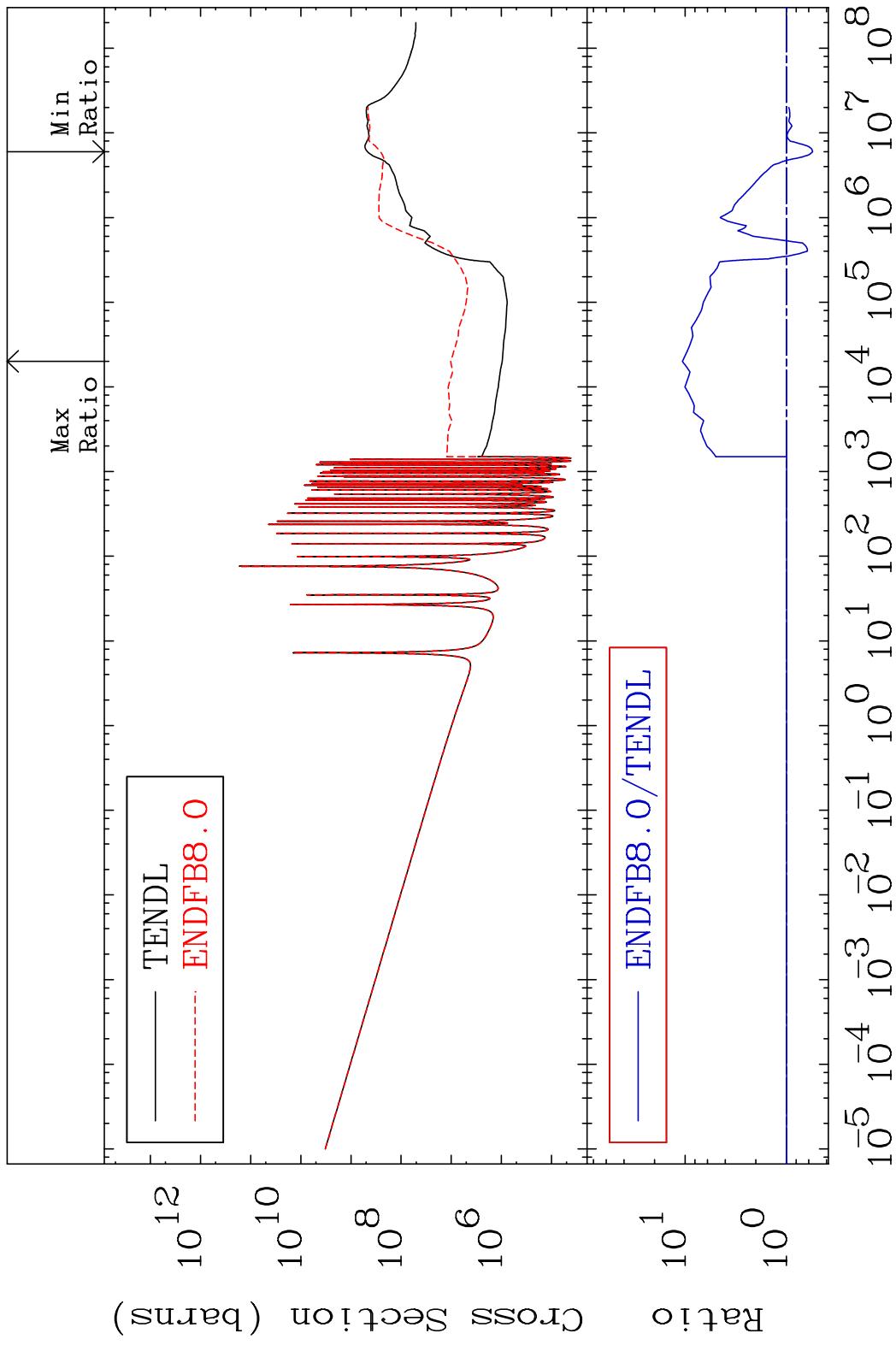
34

Incident Energy (eV) 96-Cm-248

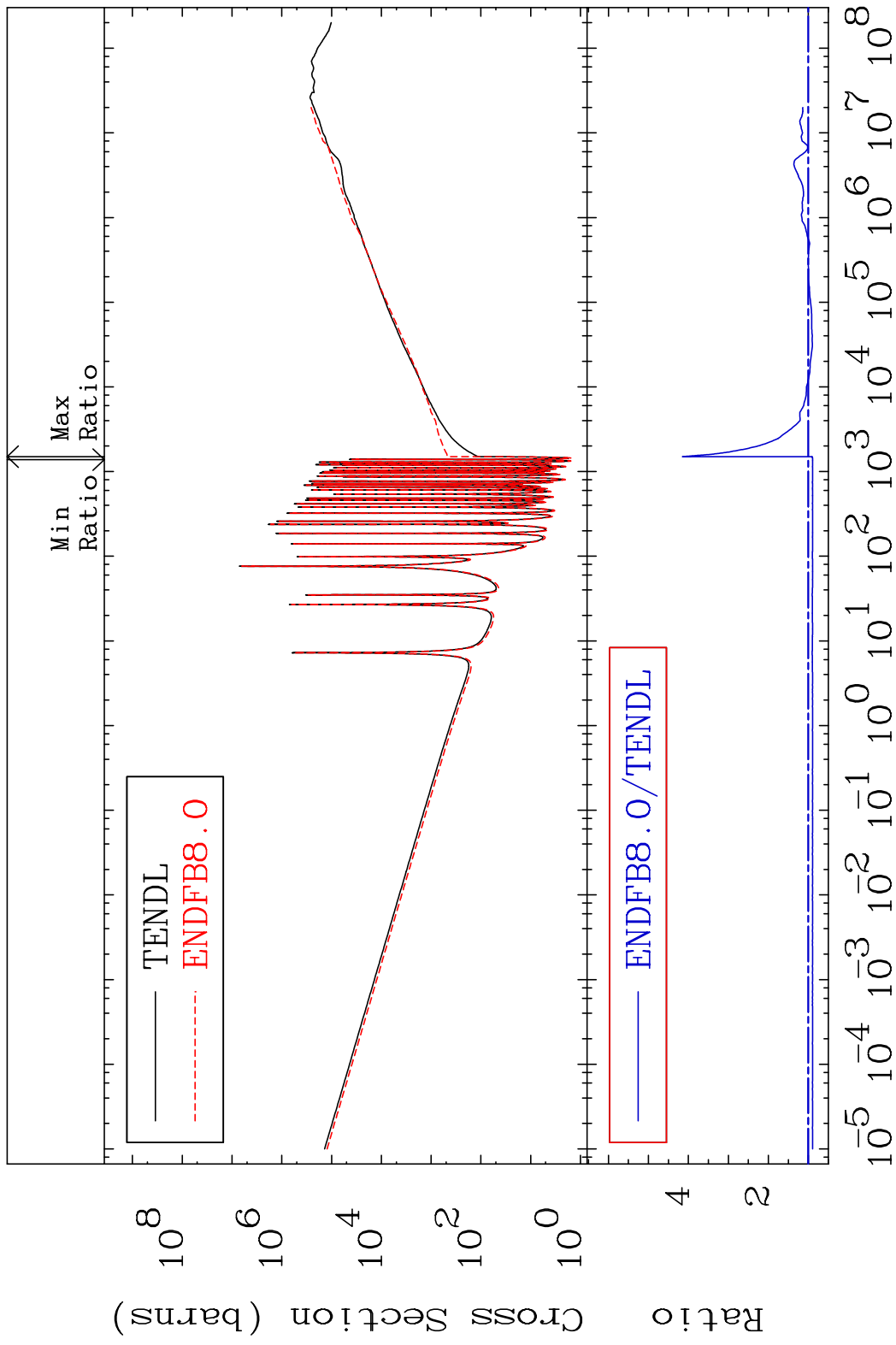
MAT 9649 Total photon (eV-barns) 96-Cm-248
 Cross Section -52.97 To 2065. %



MAT 9649 Total kinematic kerma (high limit) 96-Cm-248
 Cross Section -44.92 To 962.7 %



MAT 9649 Dpa total (eV-barns) 96-Cm-248
Cross Section -10.54 To 315.1 %



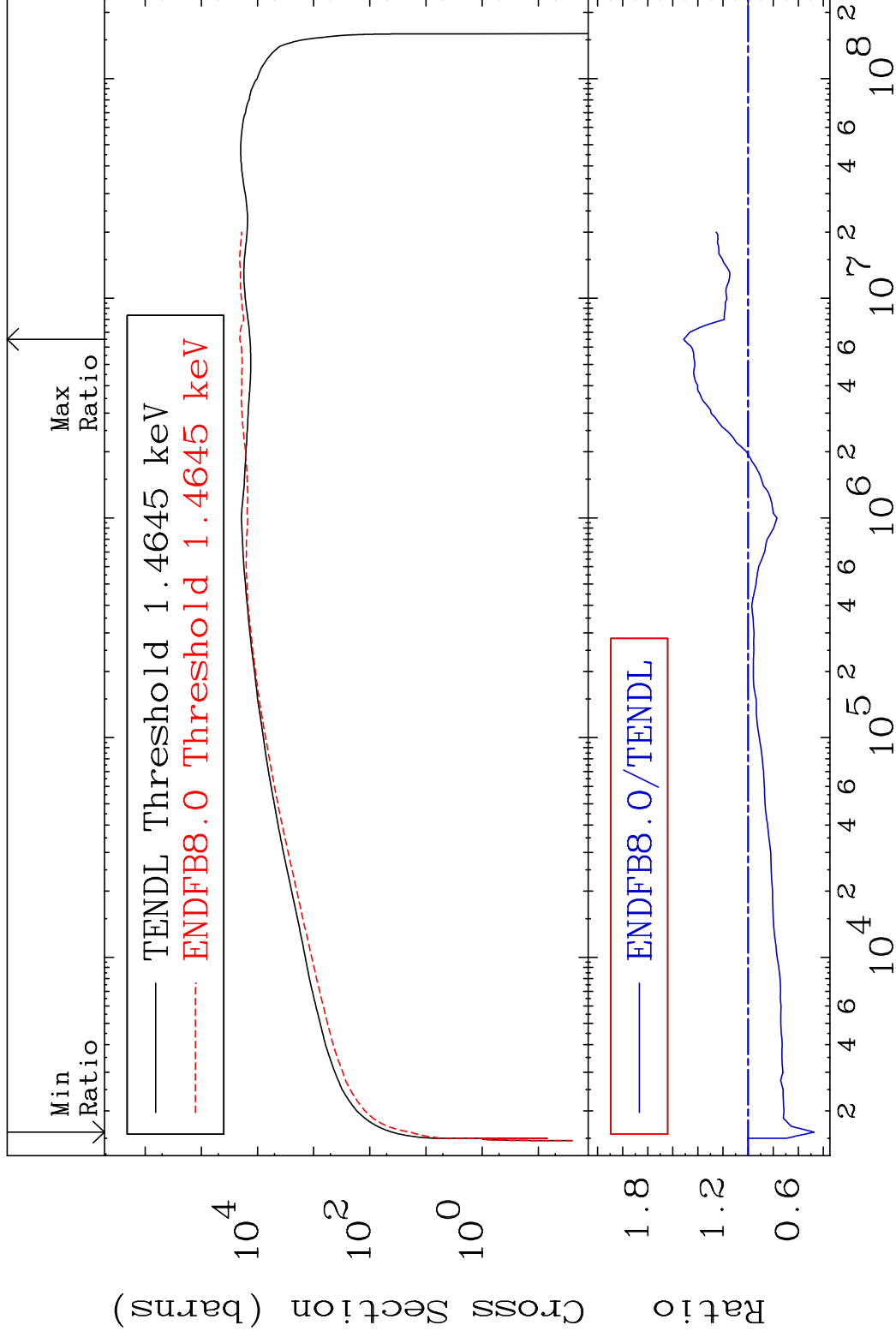
37 Incident Energy (eV) 96-Cm-248

MAT 9649

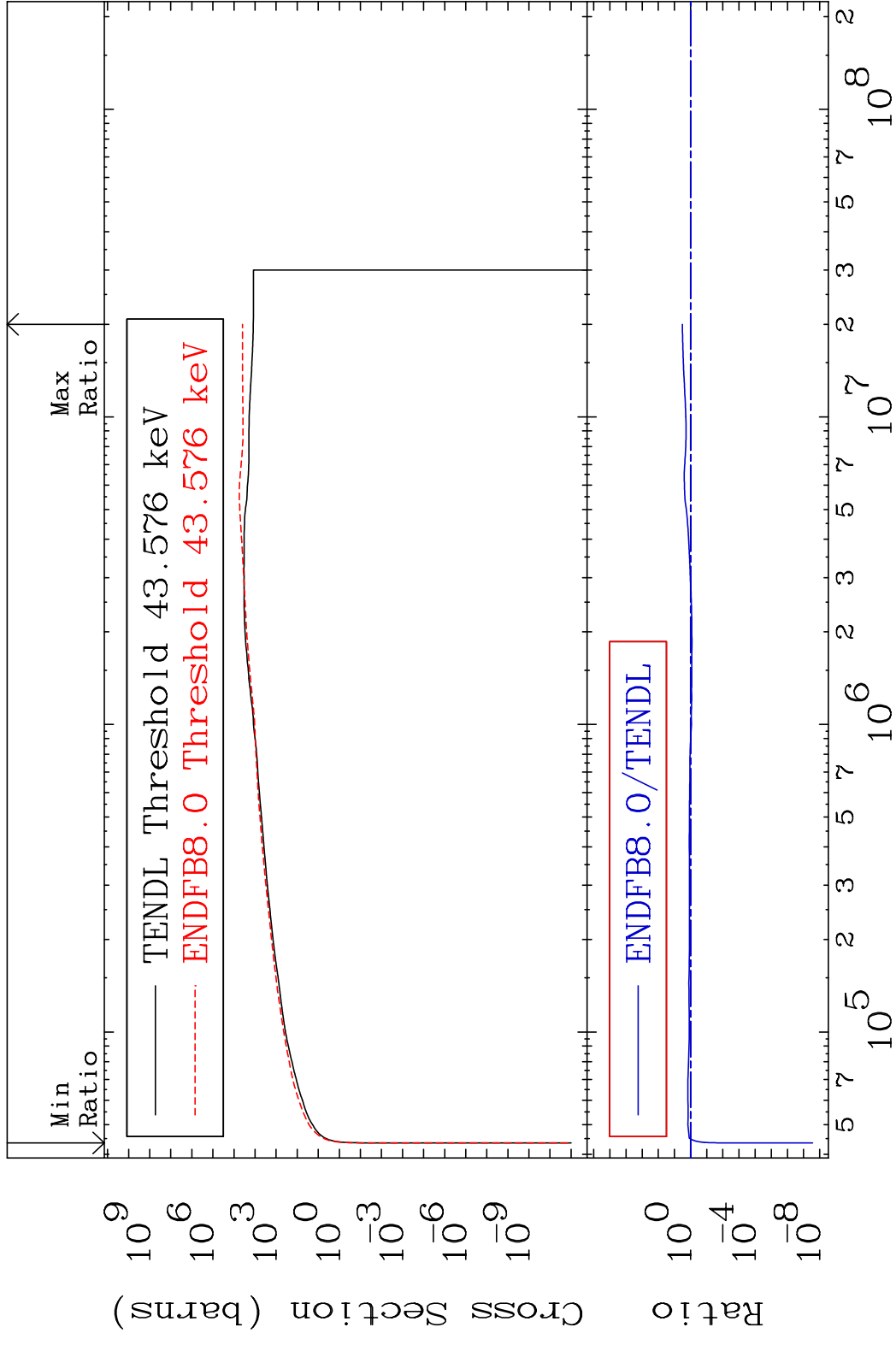
Dpa elastic (mt2)

96-Cm-248

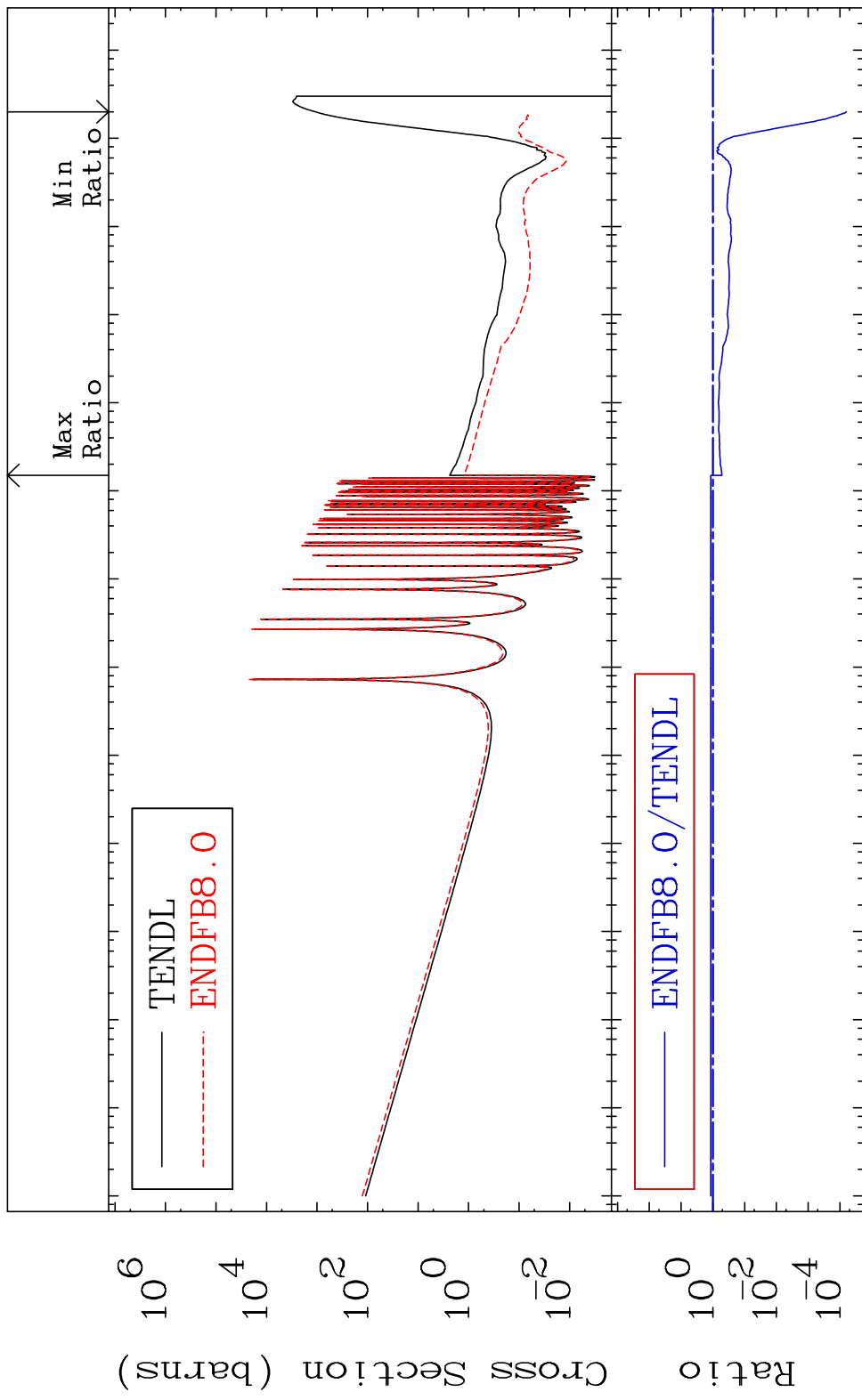
Cross Section -52.59 To 51.36 %



MAT 9649 Dpa inelastic (mt51-91) 96-Cm-248
 Cross Section -100.0 To 223.1 %



MAT 9649 Dpa disappearance (mt102 -120) 96-Cm-248
 Cross Section -99.99 To 16.86 %



40 Incident Energy (eV) 96-Cm-248