

Program Complot
(Version 2021-1)

by

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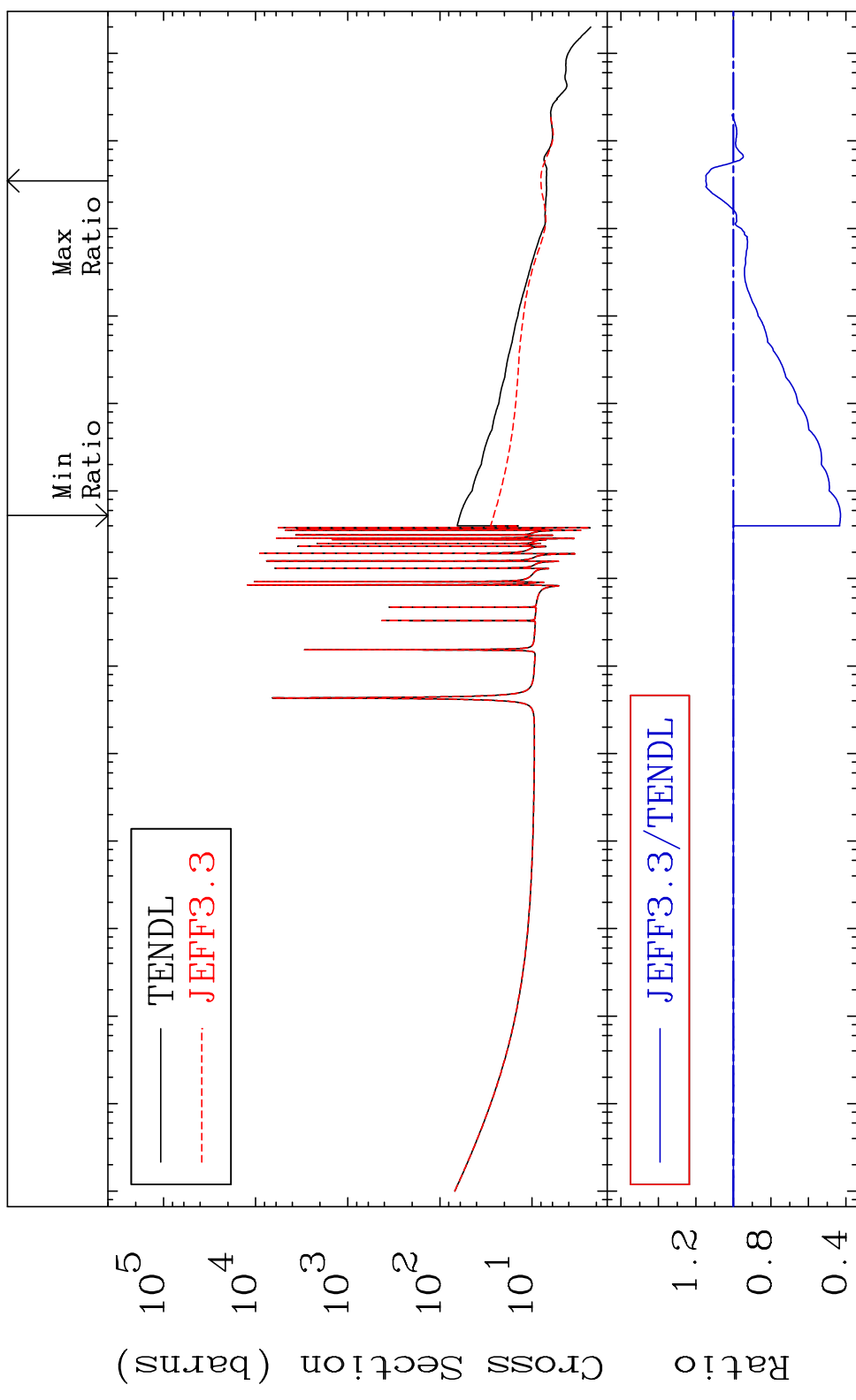
Press Mouse Button to Start

MAT 9643

Total

96-Cm-246

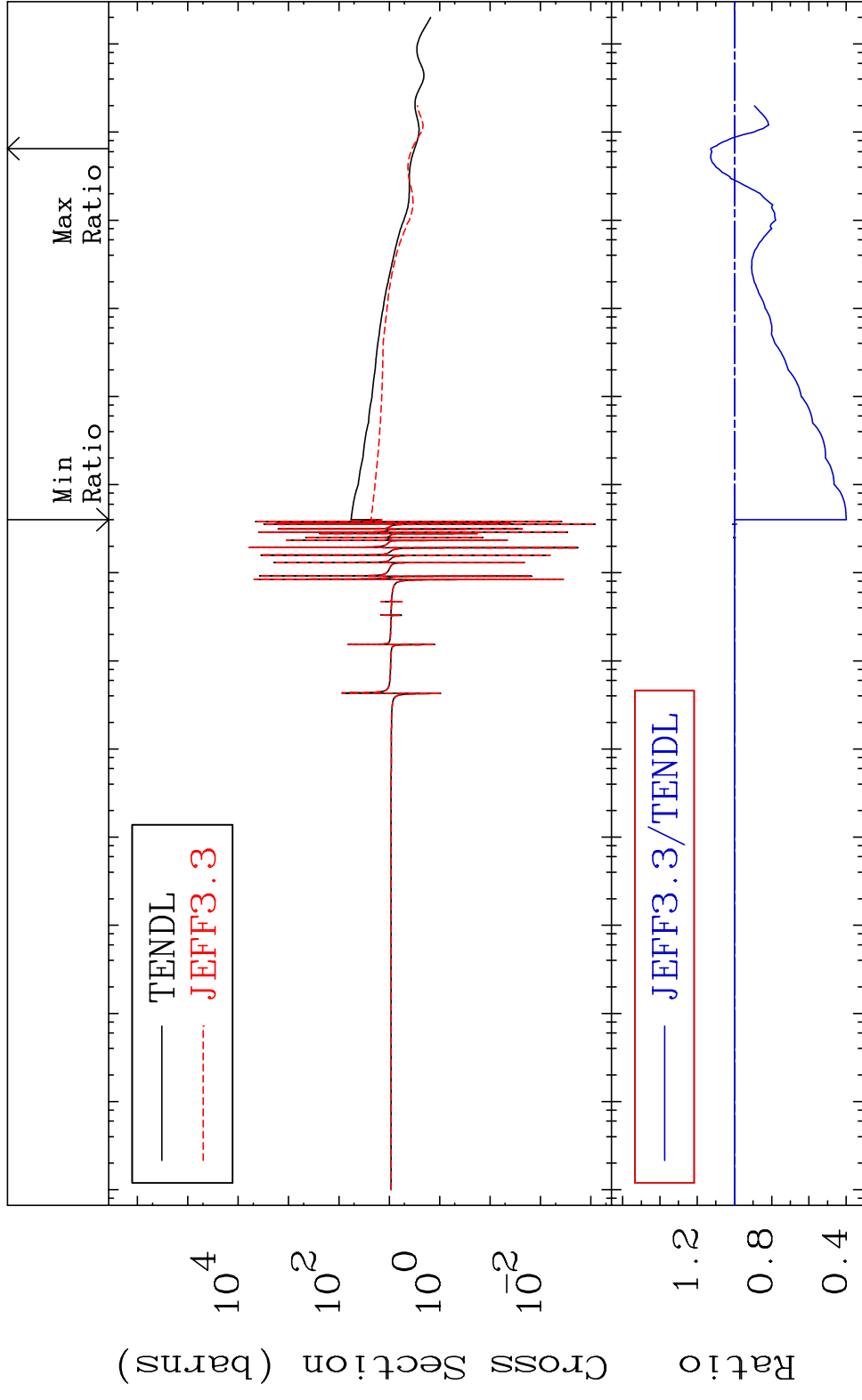
Cross Section -57.07 To 14.78 %



1 Incident Energy (eV) 96-Cm-246

MAT 9643

Elastic Cross Section 96-Cm-246
-60.06 To 12.73 %



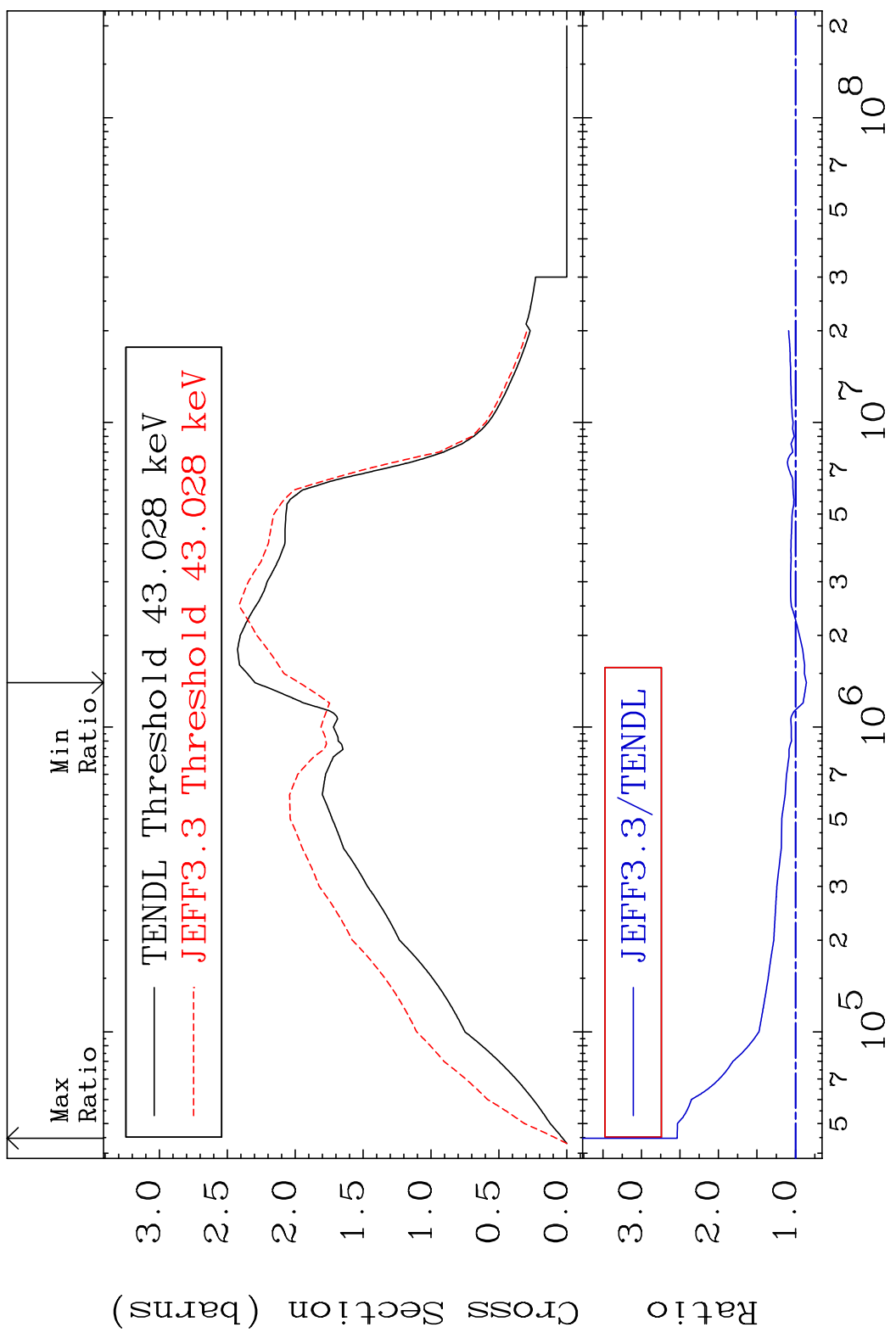
2 Incident Energy (eV) 96-Cm-246

MAT 9643

Inelastic

96-Cm-246

Cross Section -14.15 To 153.6 %



3

Incident Energy (eV)

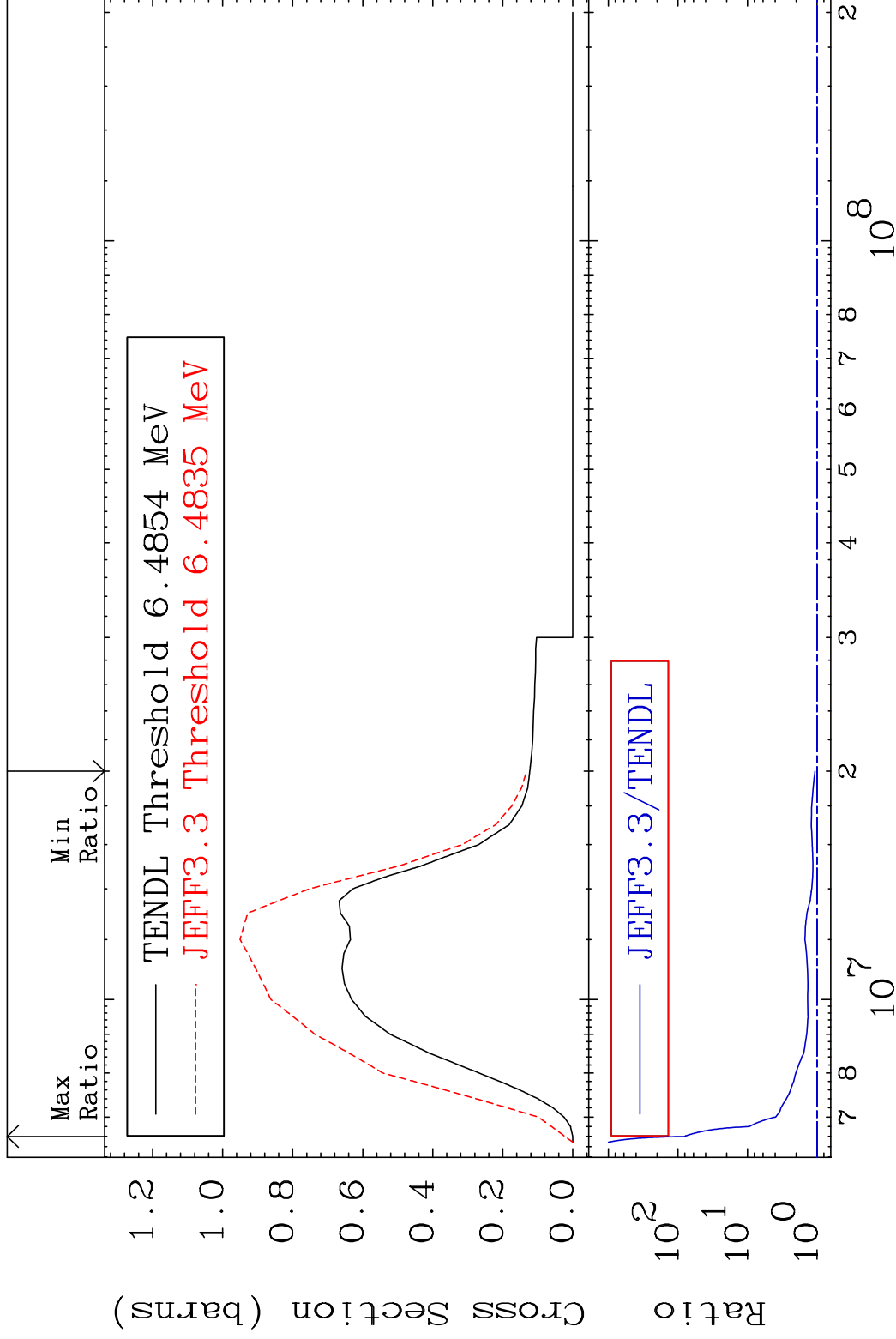
96-Cm-246

MAT 9643

(n,2n)

96-Cm-246

Cross Section 7.394 To 8019. %



4

Incident Energy (eV)

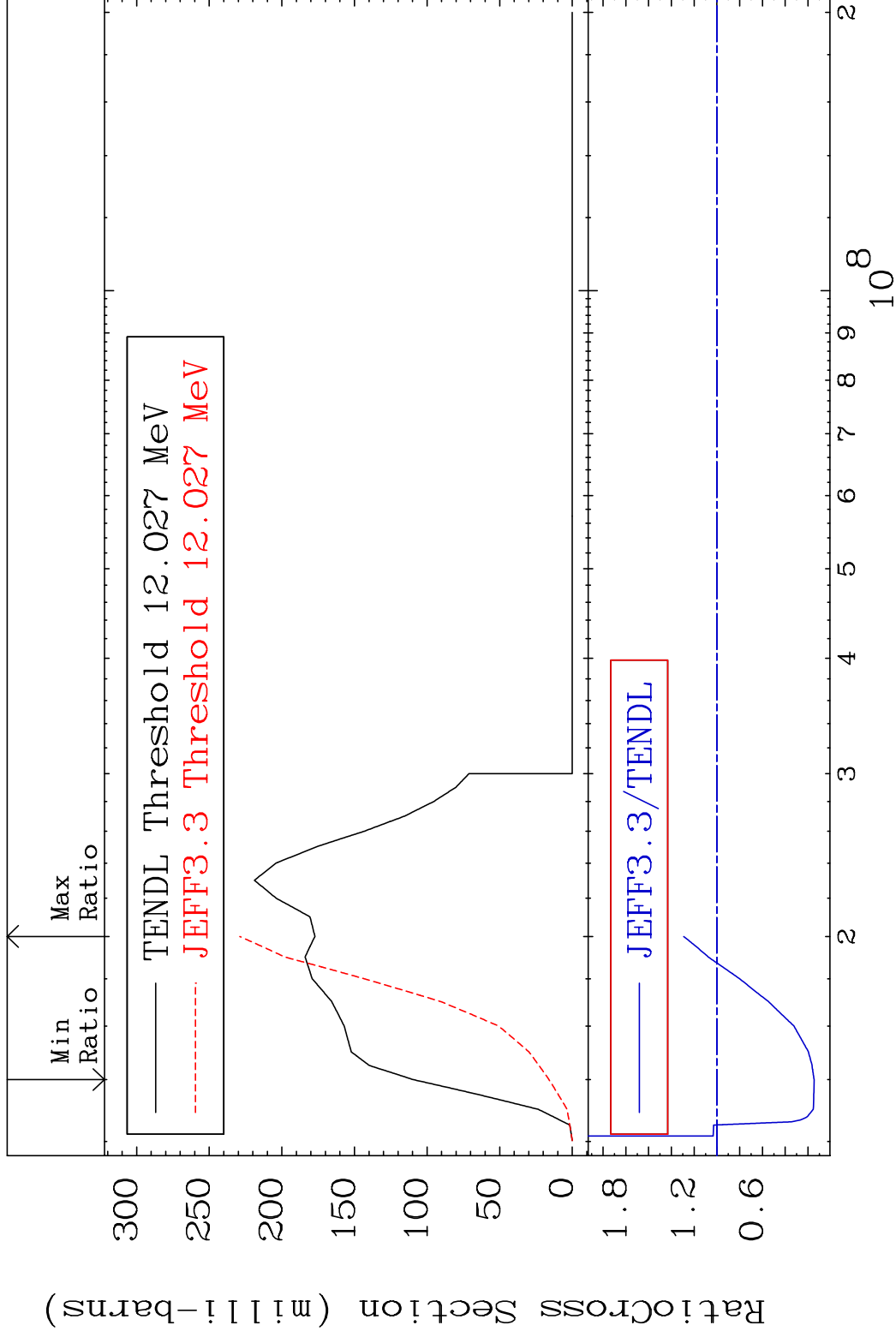
96-Cm-246

MAT 9643

(n,3n)

96-Cm-246

Cross Section -85.37 To 29.20 %



5

Incident Energy (eV)

96-Cm-246

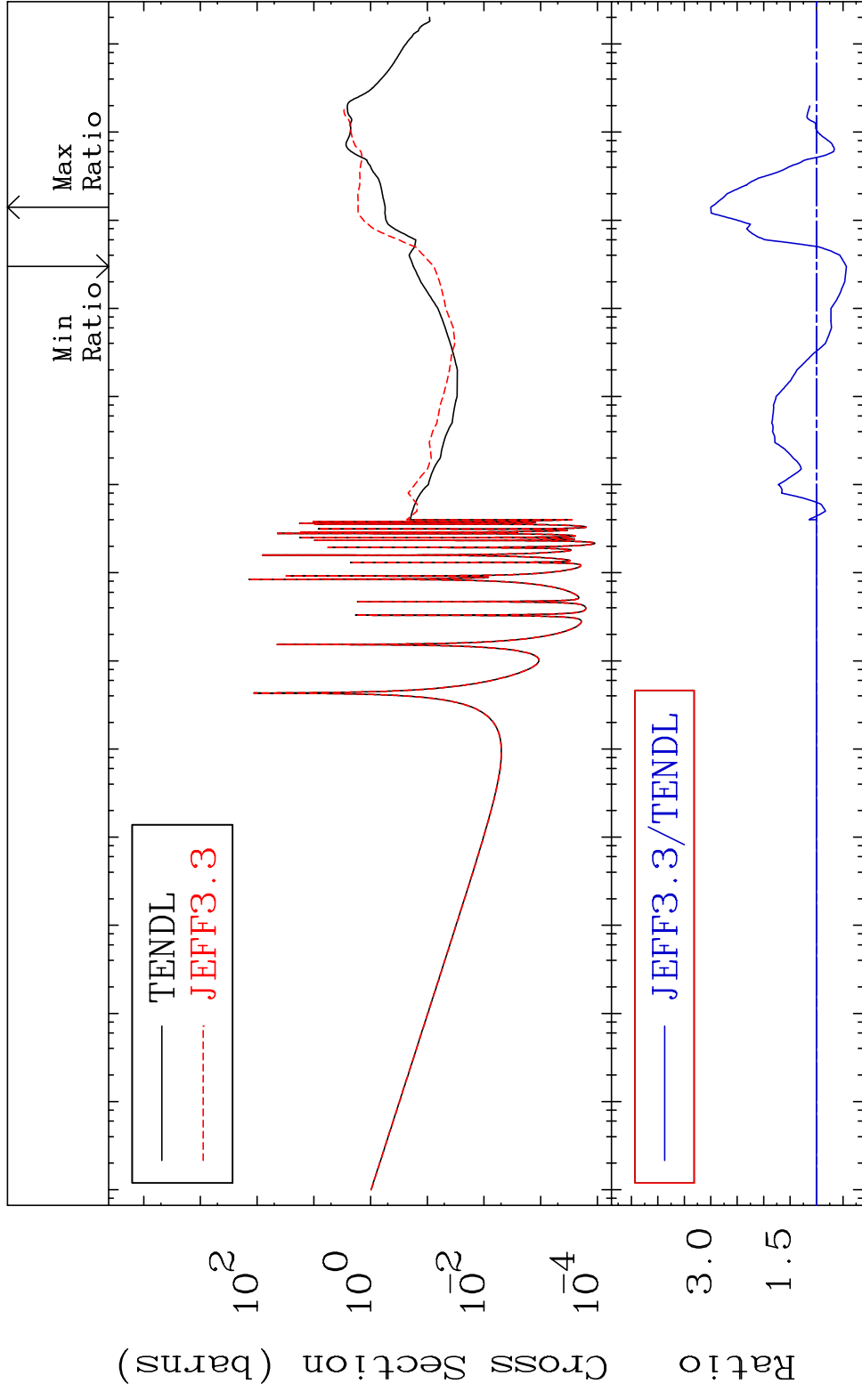
MAT 9643

Fission

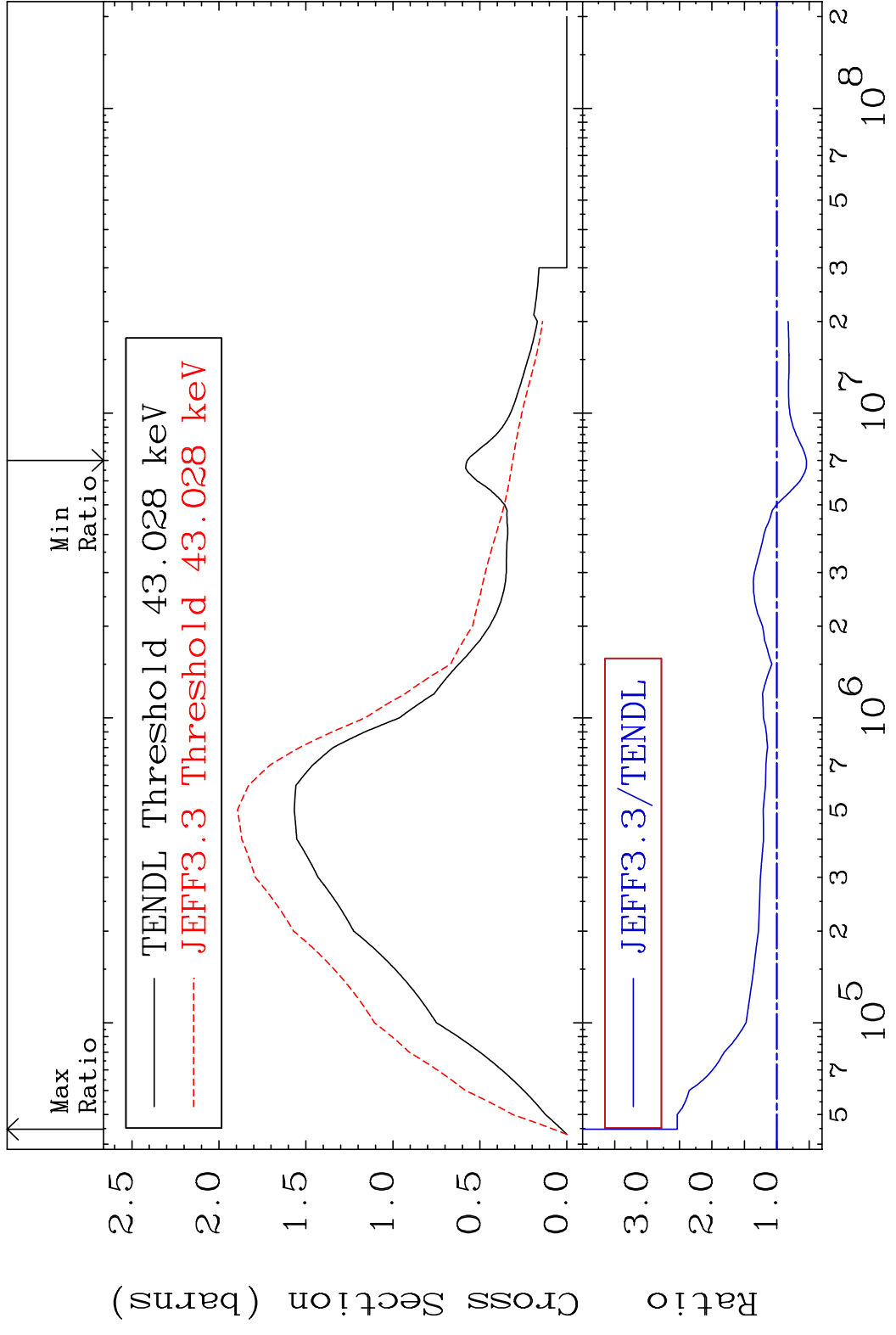
96-Cm-246

Cross Section

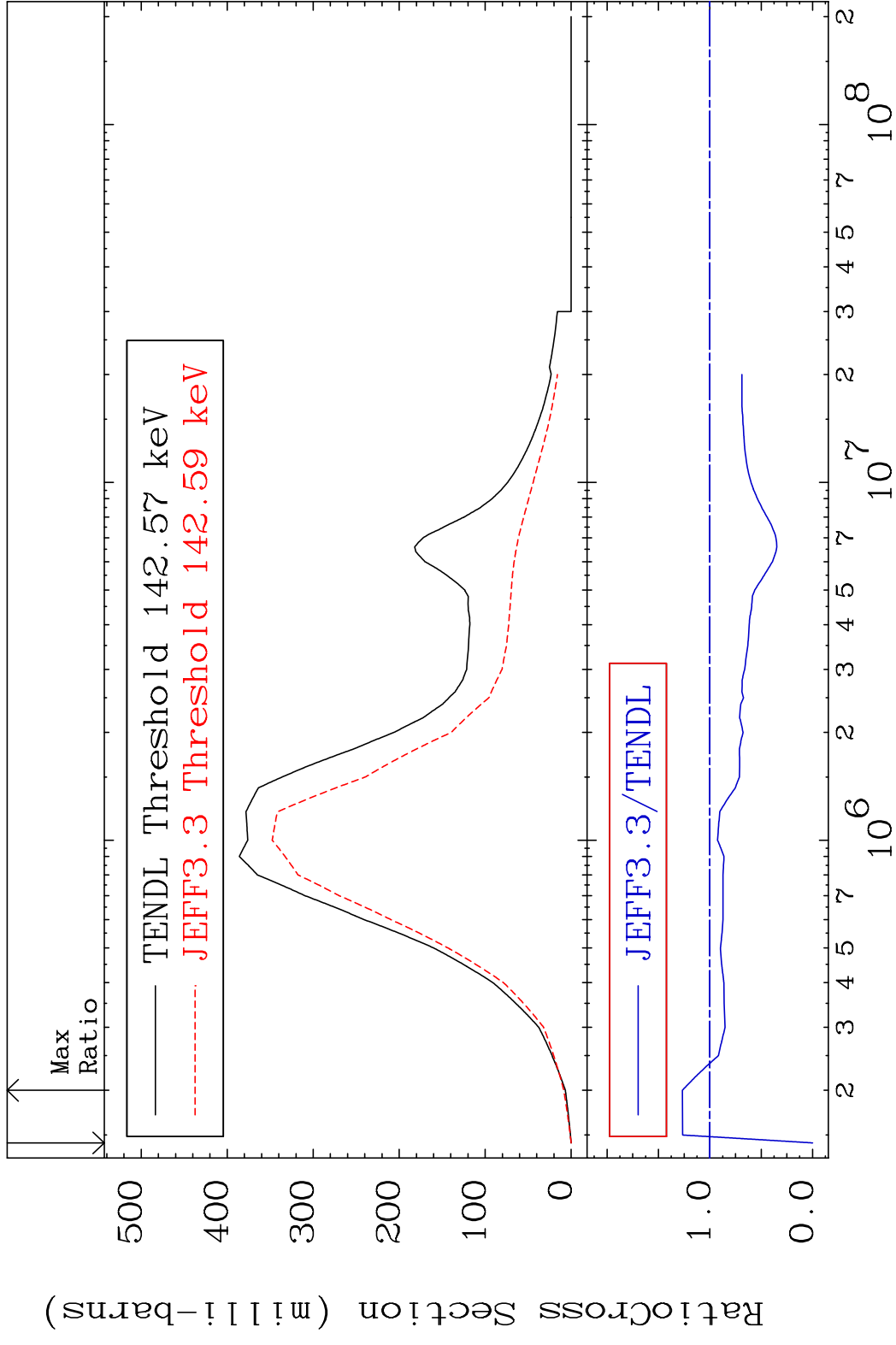
-56.36 To 200.1 %



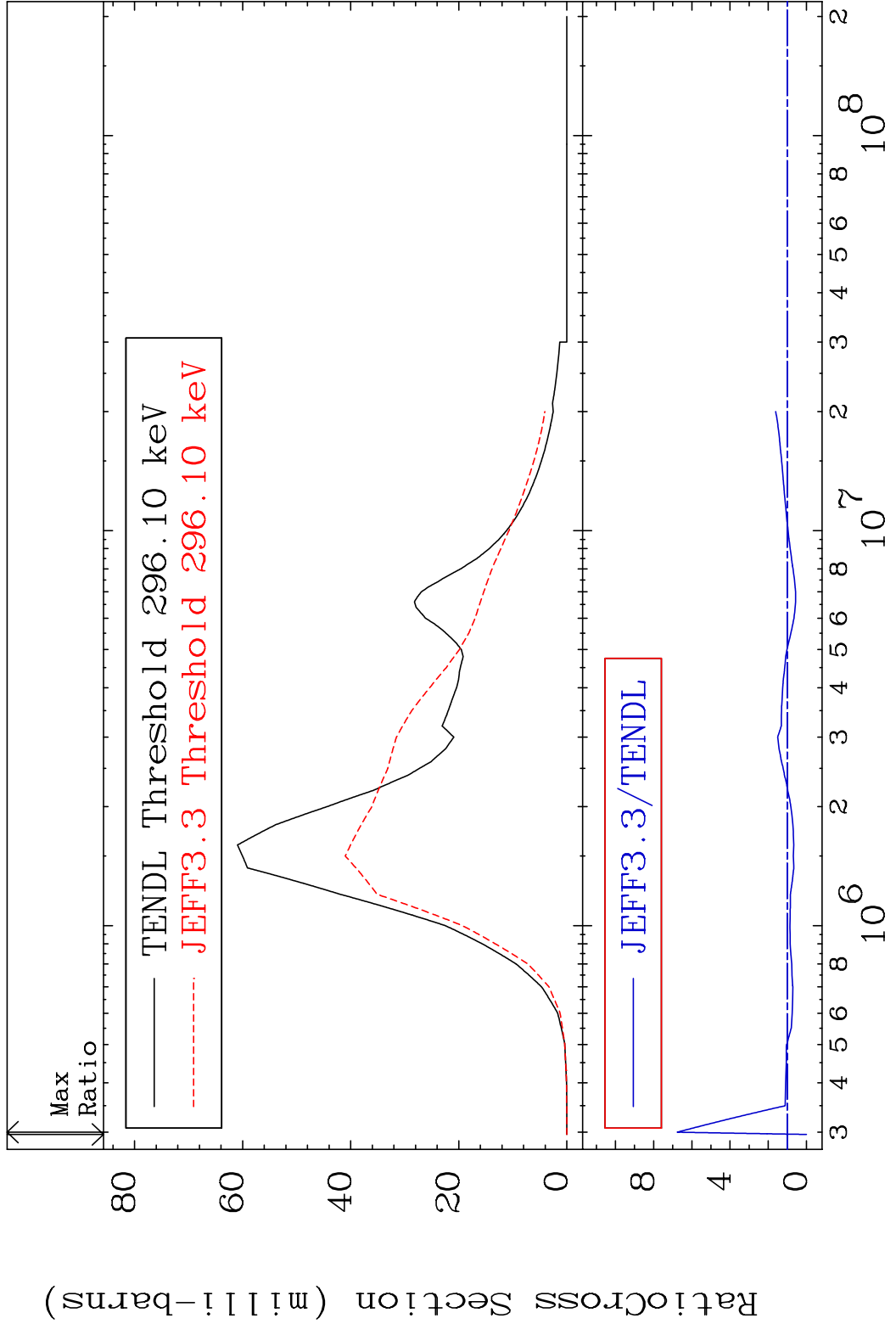
MAT 9643 MT= 51 (n, n') Level 96-Cm-246
 Cross Section -45.78 To 153.6 %



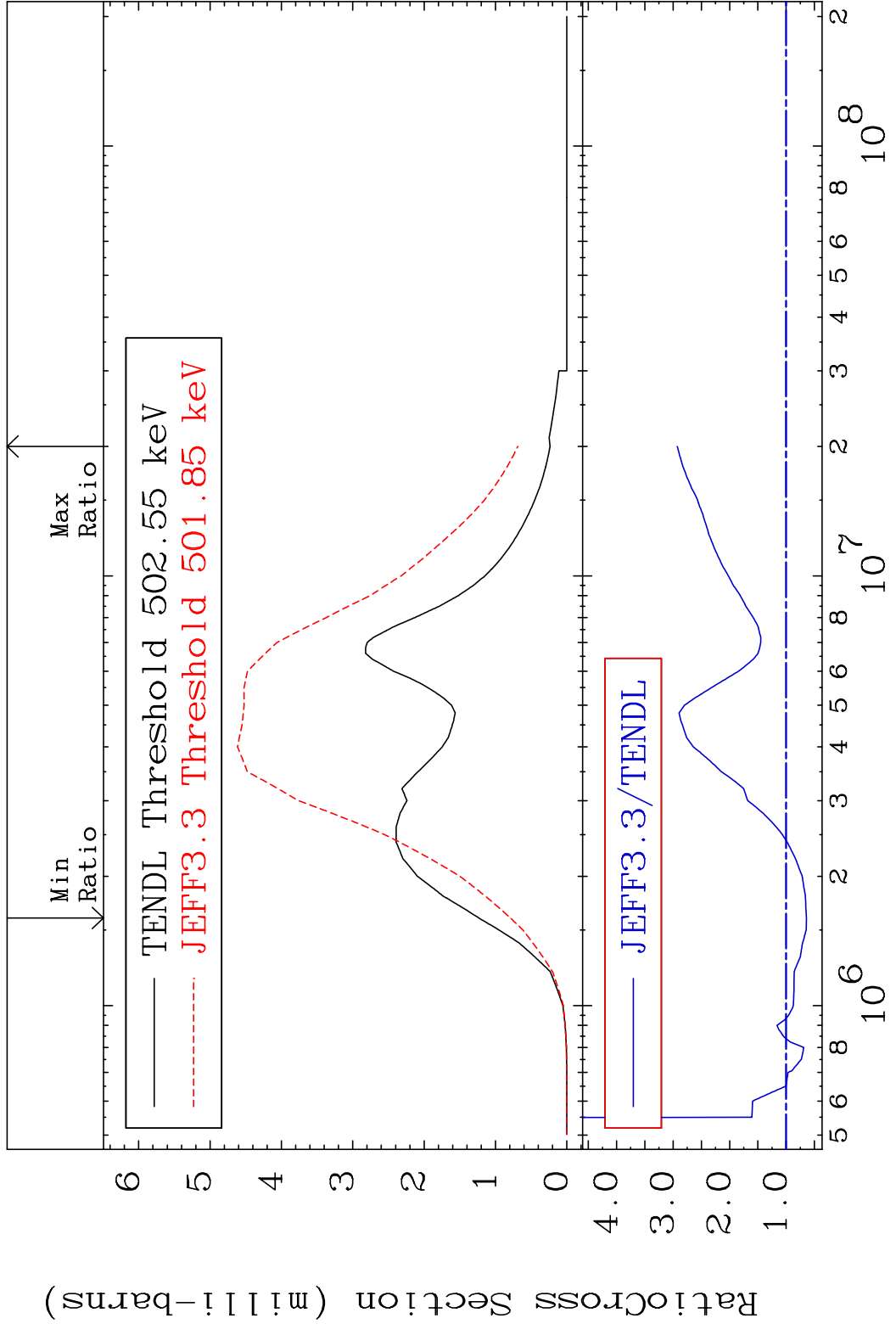
MAT 9643 MT= 52 (n, n') Level 96-Cm-246
 Cross Section -100.0 To 26.72 %



MAT 9643 MT= 53 (n, n') Level 96-Cm-246
 Cross Section -100.0 To 576.7 %



MAT 9643 MT= 54 (n, n') Level 96-Cm-246
 Cross Section -35.80 To 192.8 %

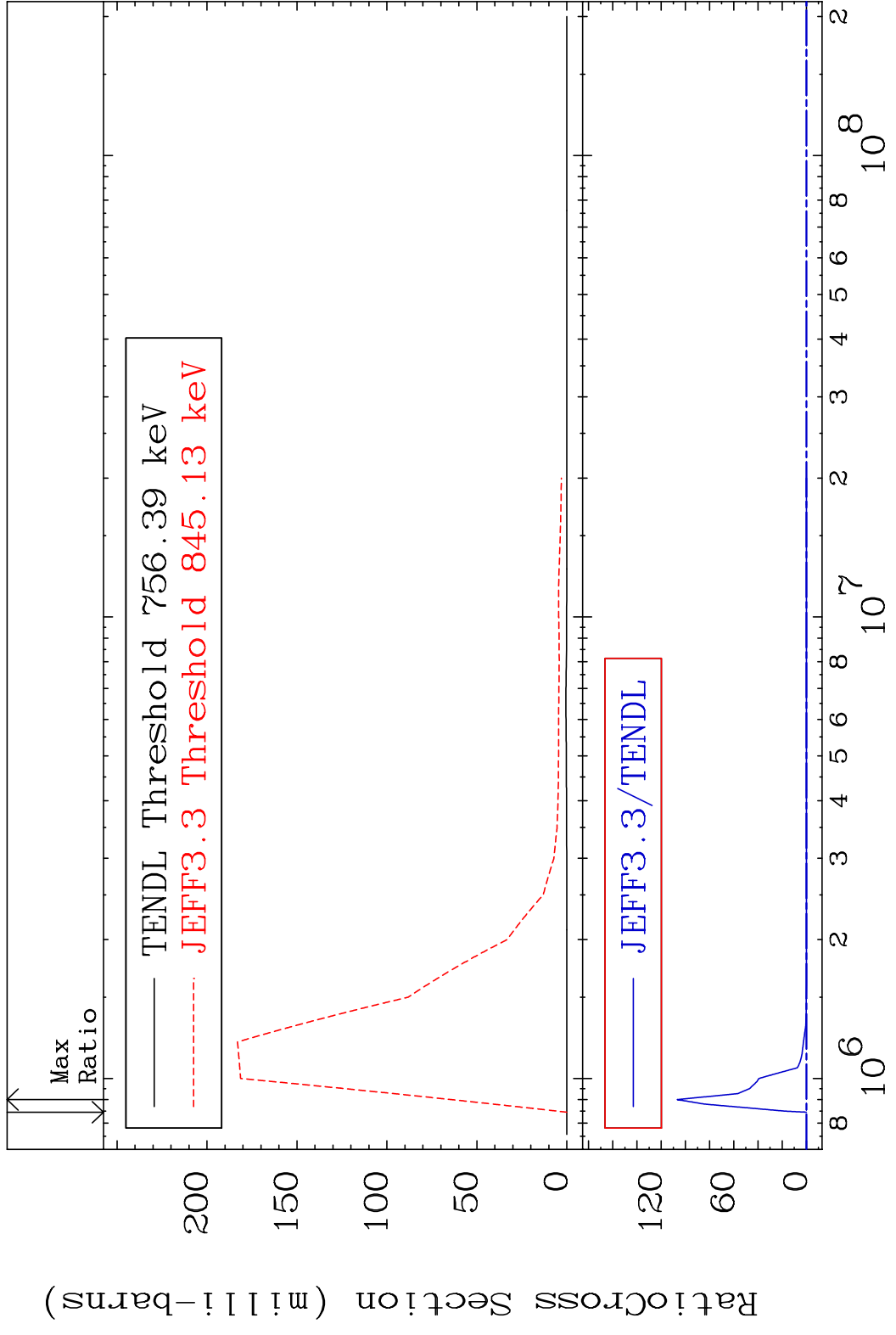


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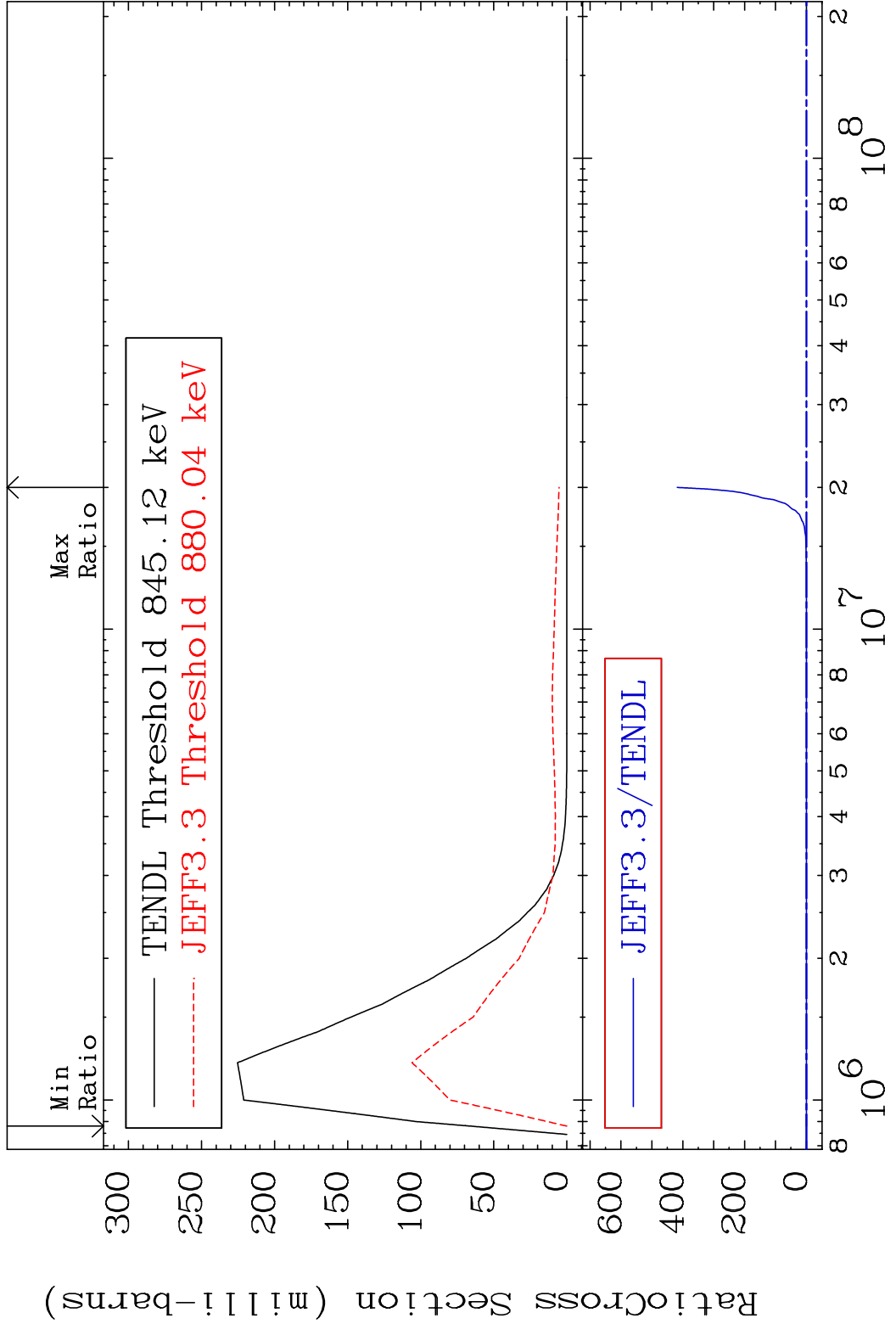
Incident Energy (eV)

96-Cm-246

MAT 9643 MT= 55 (n, n') Level 96-Cm-246
 Cross Section -100.0 To 9999. %

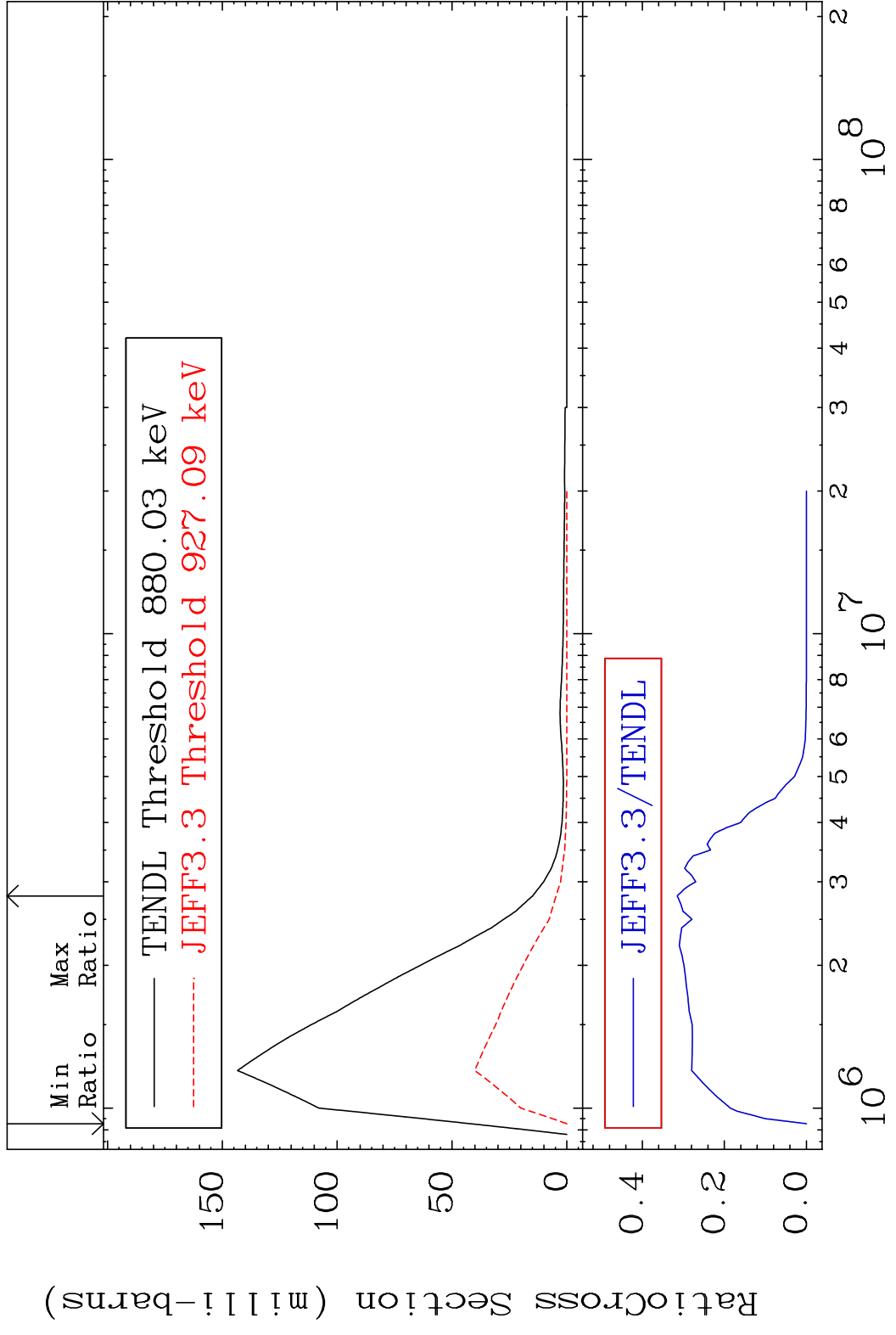


MAT 9643 MT= 56 (n, n') Level 96-Cm-246
 Cross Section -100.0 To 9999. %



12 Incident Energy (eV) 96-Cm-246

MAT 9643 MT= 57 (n,n') Level 96-Cm-246
 Cross Section -100.0 To -68.50%

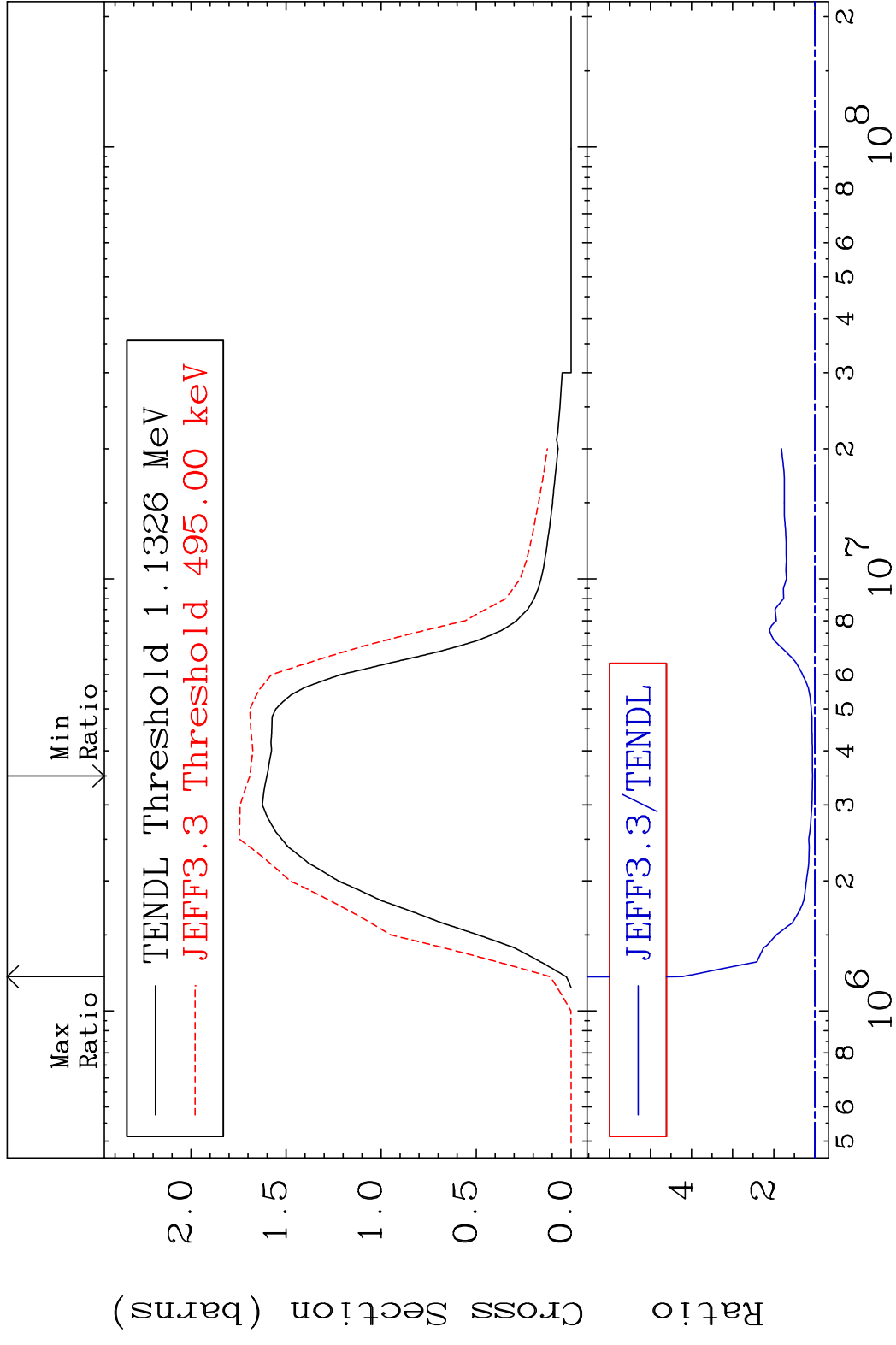


MAT 9643

(n, n') Continuum

96-Cm-246

Cross Section 5.590 To 322.3 %

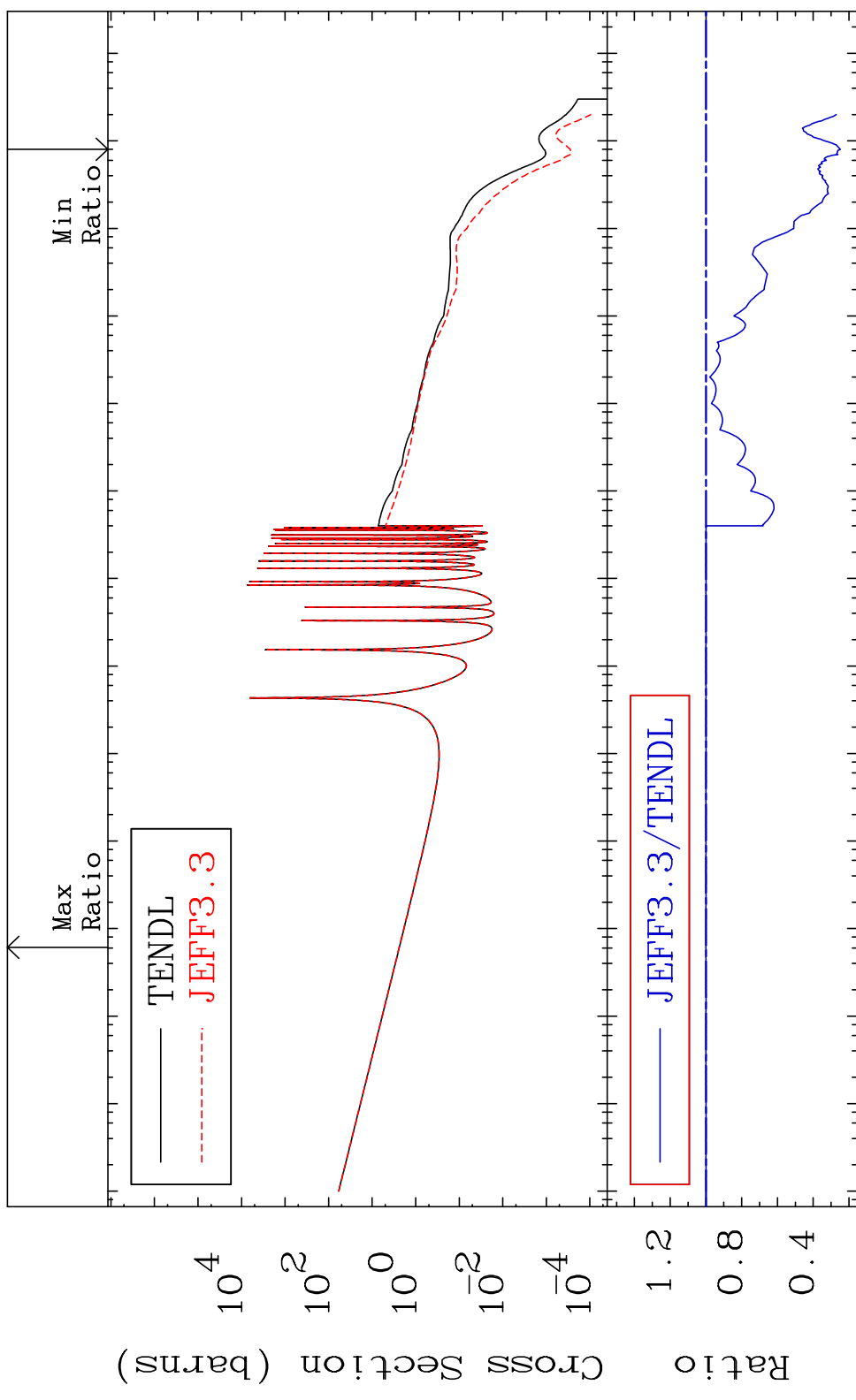


MAT 9643

(n, γ)

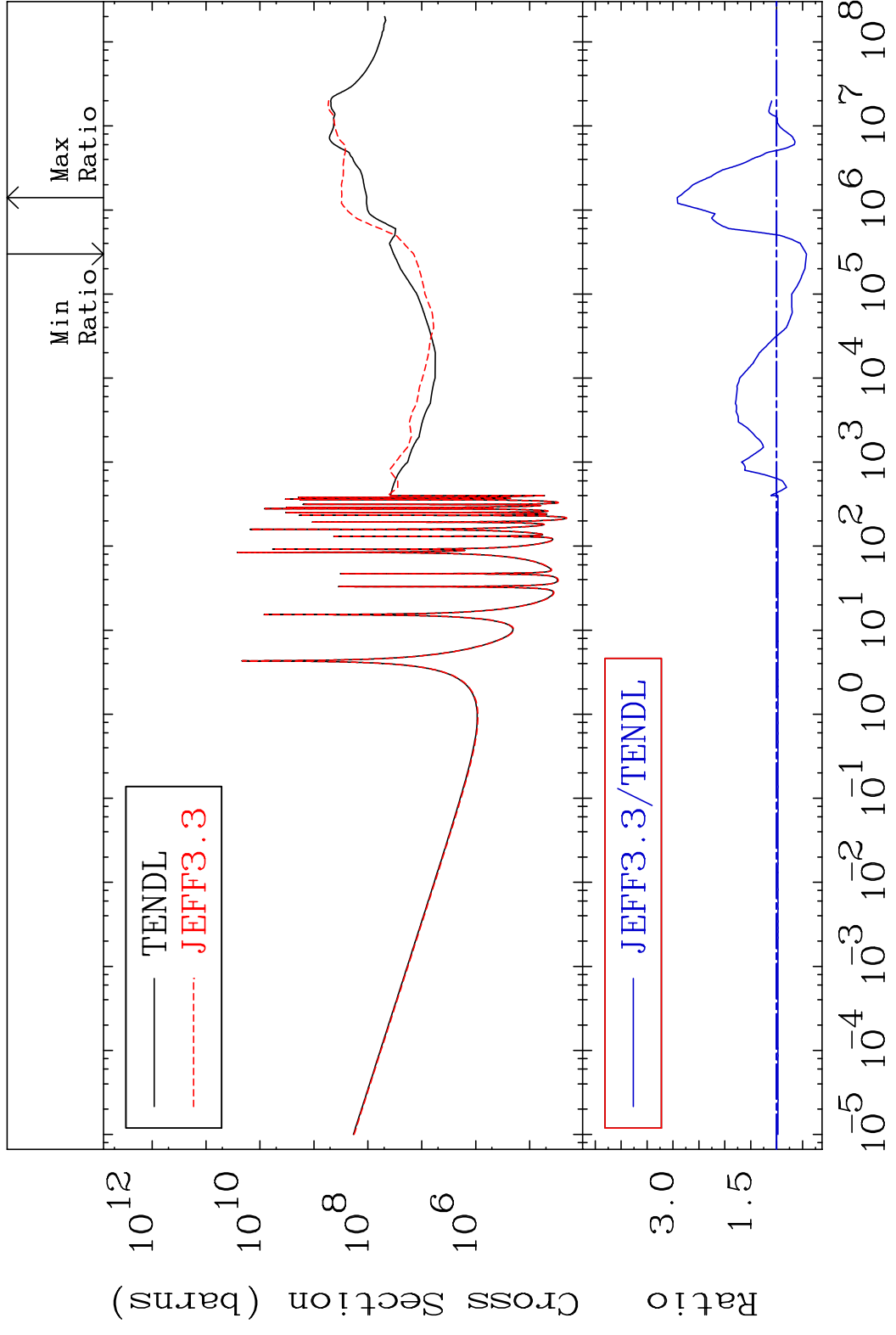
96-Cm-246

Cross Section -75.23 To 0.098 %



MAT 9643

Kerma total (eV-barns) 96-Cm-246
Cross Section -57.54 To 191.8 %



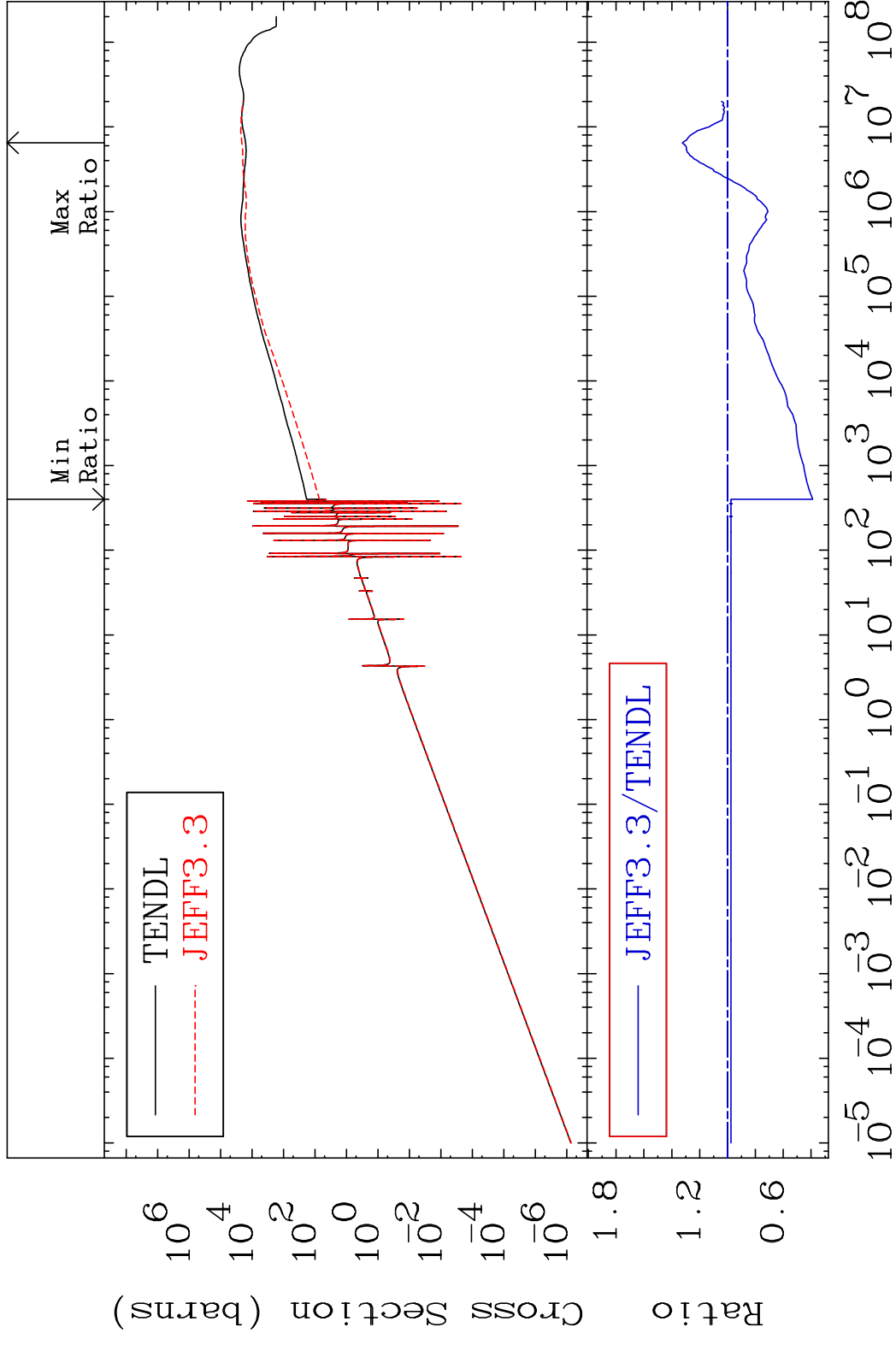
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Incident Energy (eV) 96-Cm-246

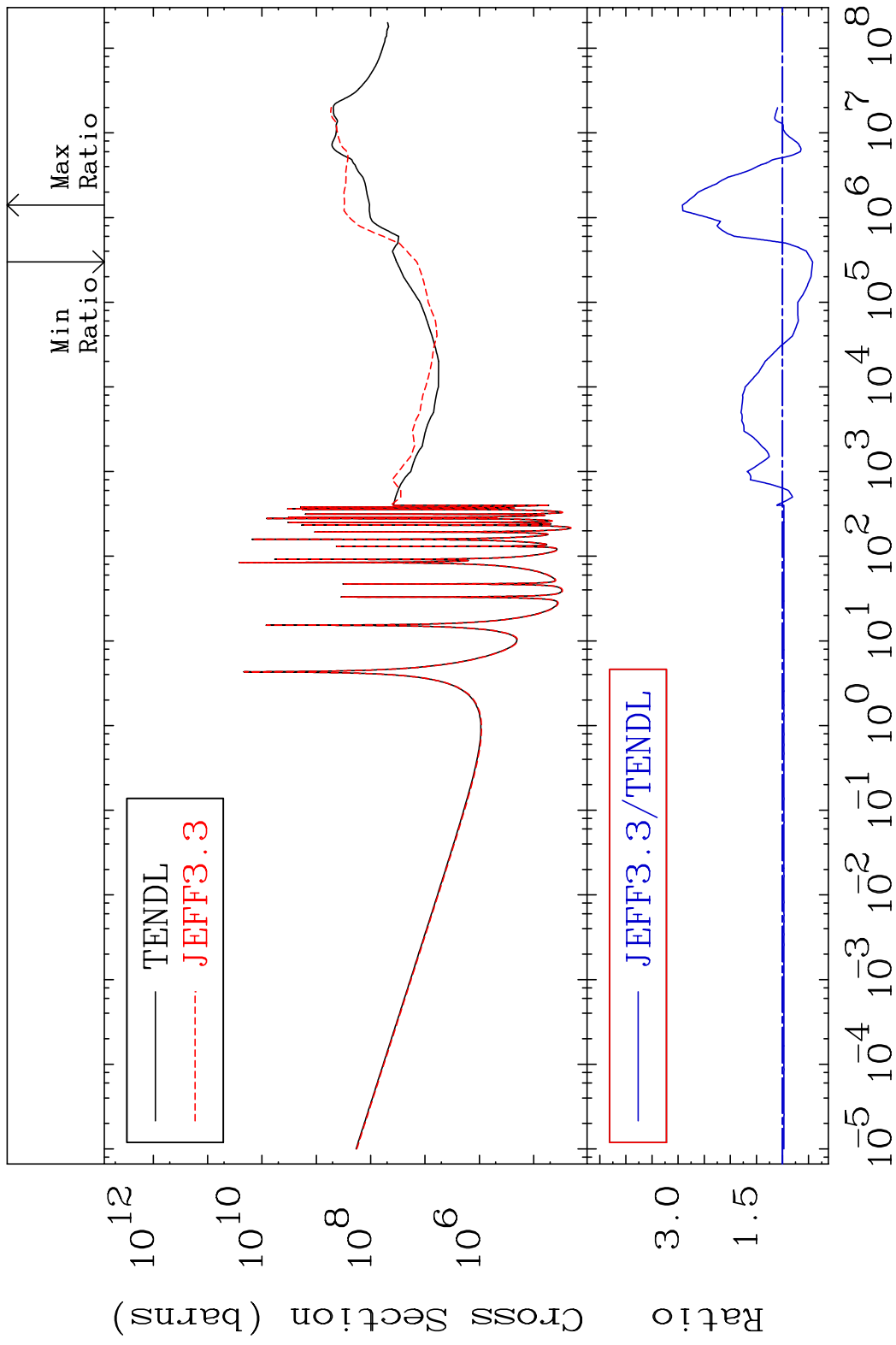
MAT 9643

Kerma elastic
Cross Section

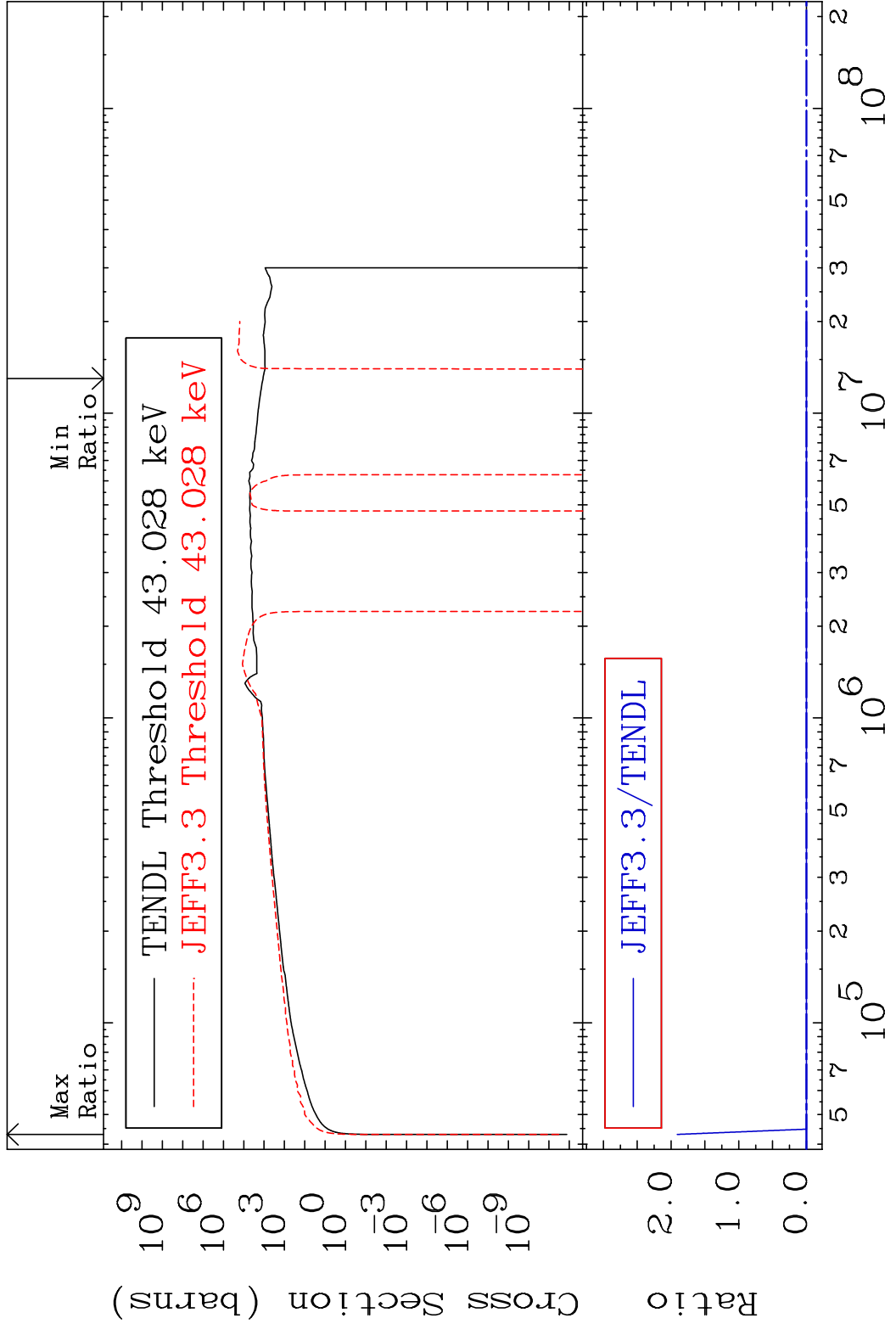
96-Cm-246
-61.04 To 32.43 %



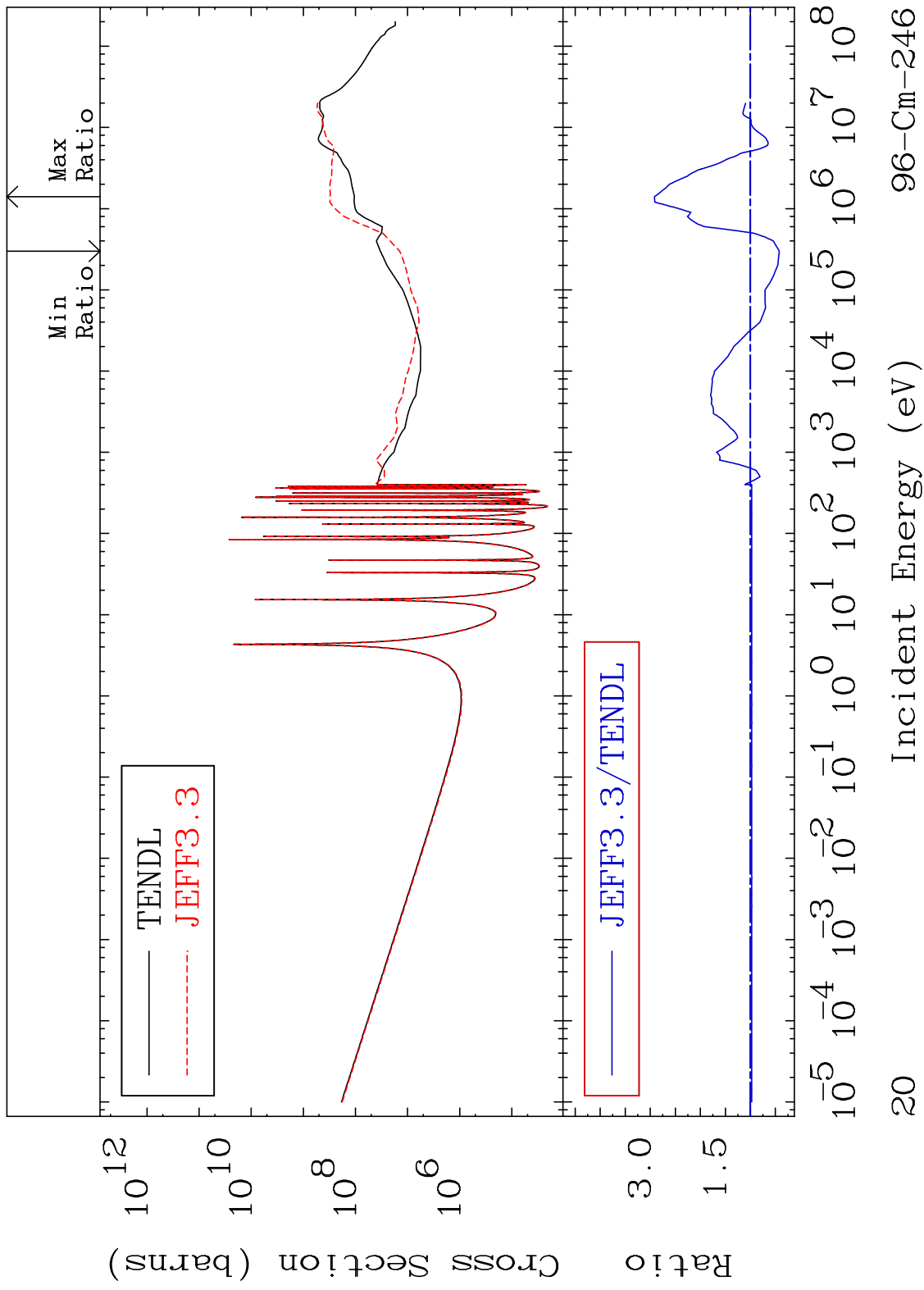
MAT 9643 Kerma non-elastic (all but mt2) 96-Cm-246
 Cross Section -57.56 To 191.8 %



MAT 9643 Kerma inelastic (mt51-91) 96-Cm-246
 Cross Section -1239. To 9999. %

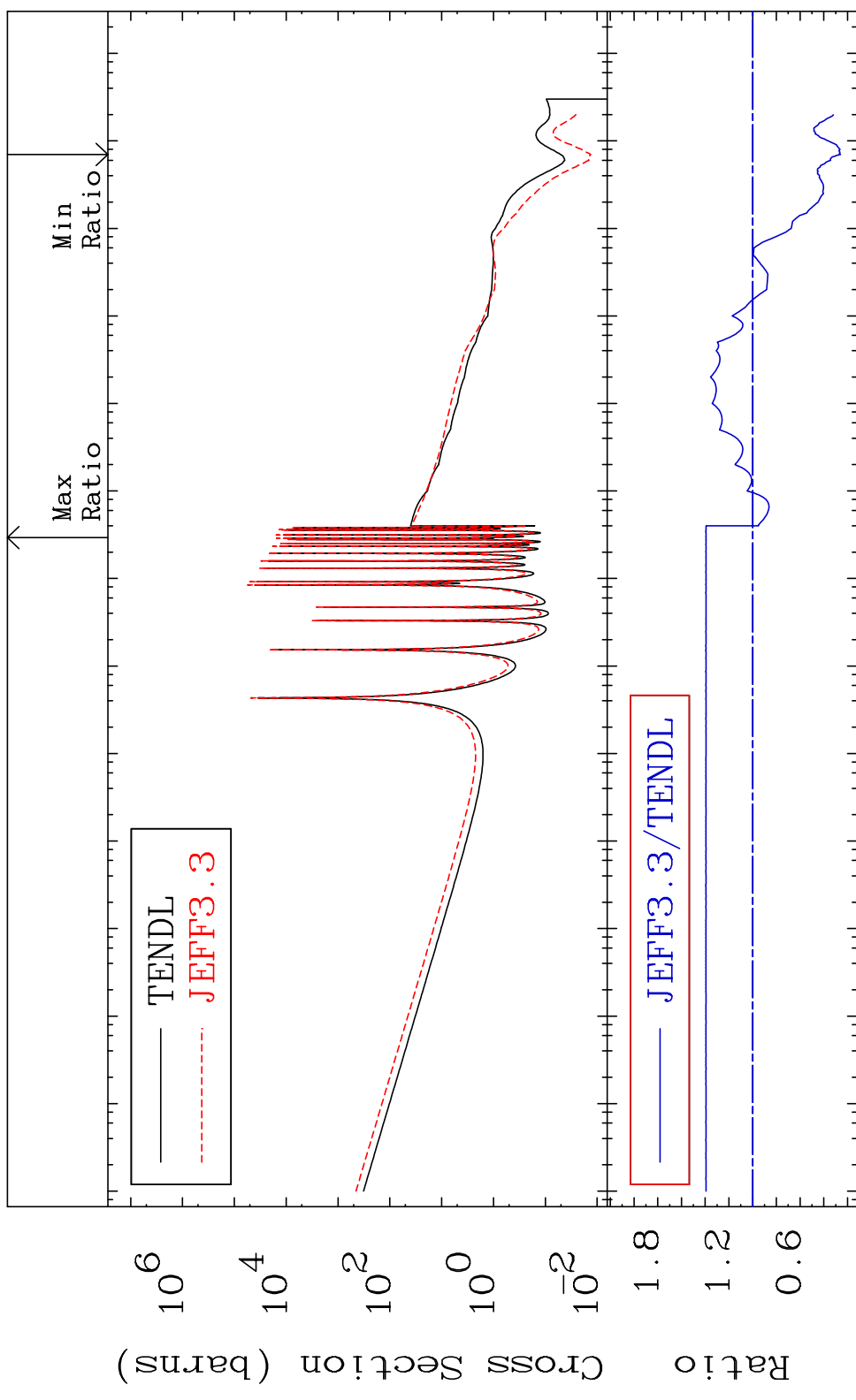


MAT 9643 Kerma fission (mt18 or mt19-20-21-38) 96-Cm-246
 Cross Section -57.56 To 191.8 %

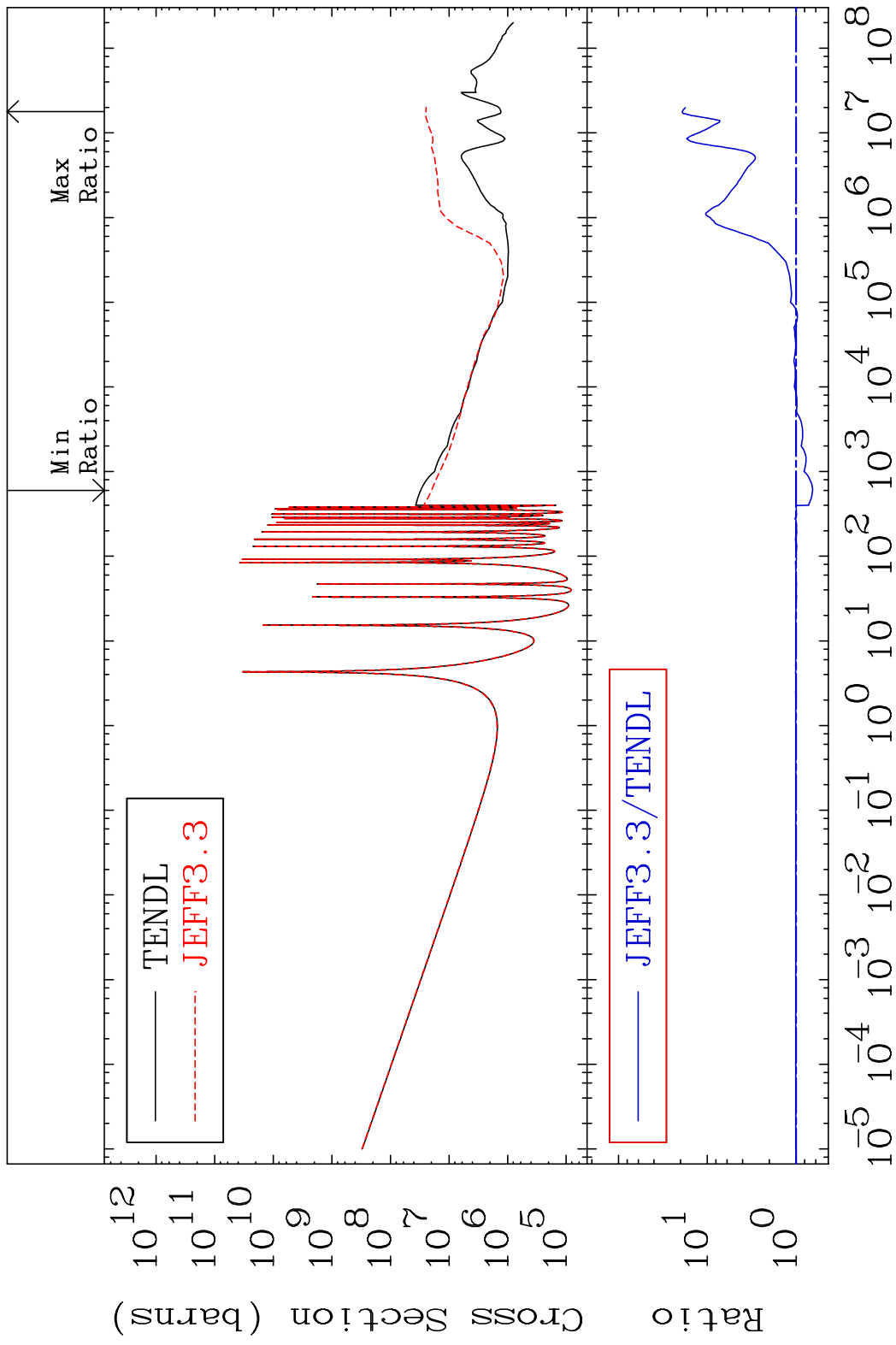


MAT 9643

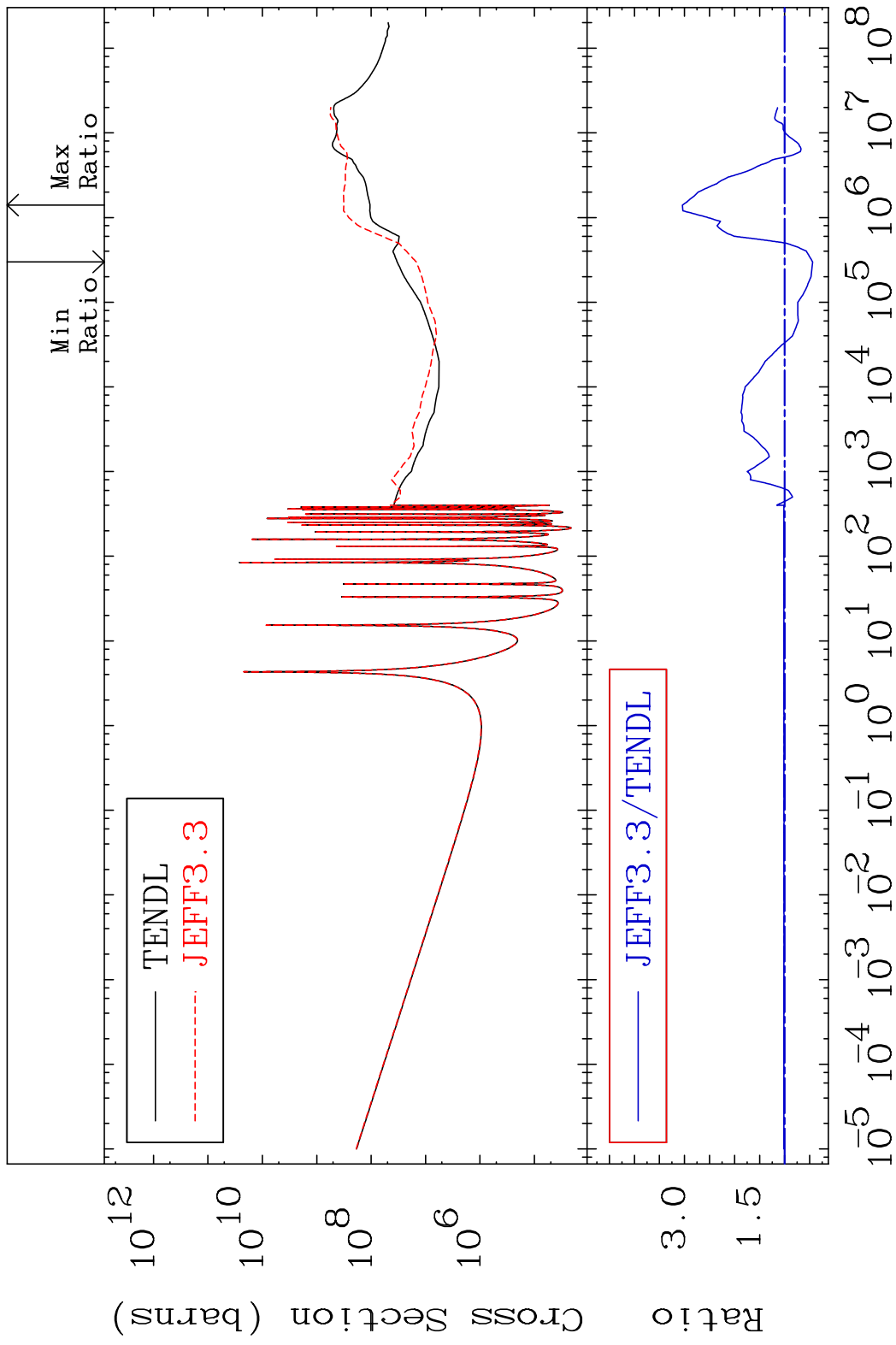
Kerma capture (mt102) 96-Cm-246
Cross Section -74.02 To 39.52 %



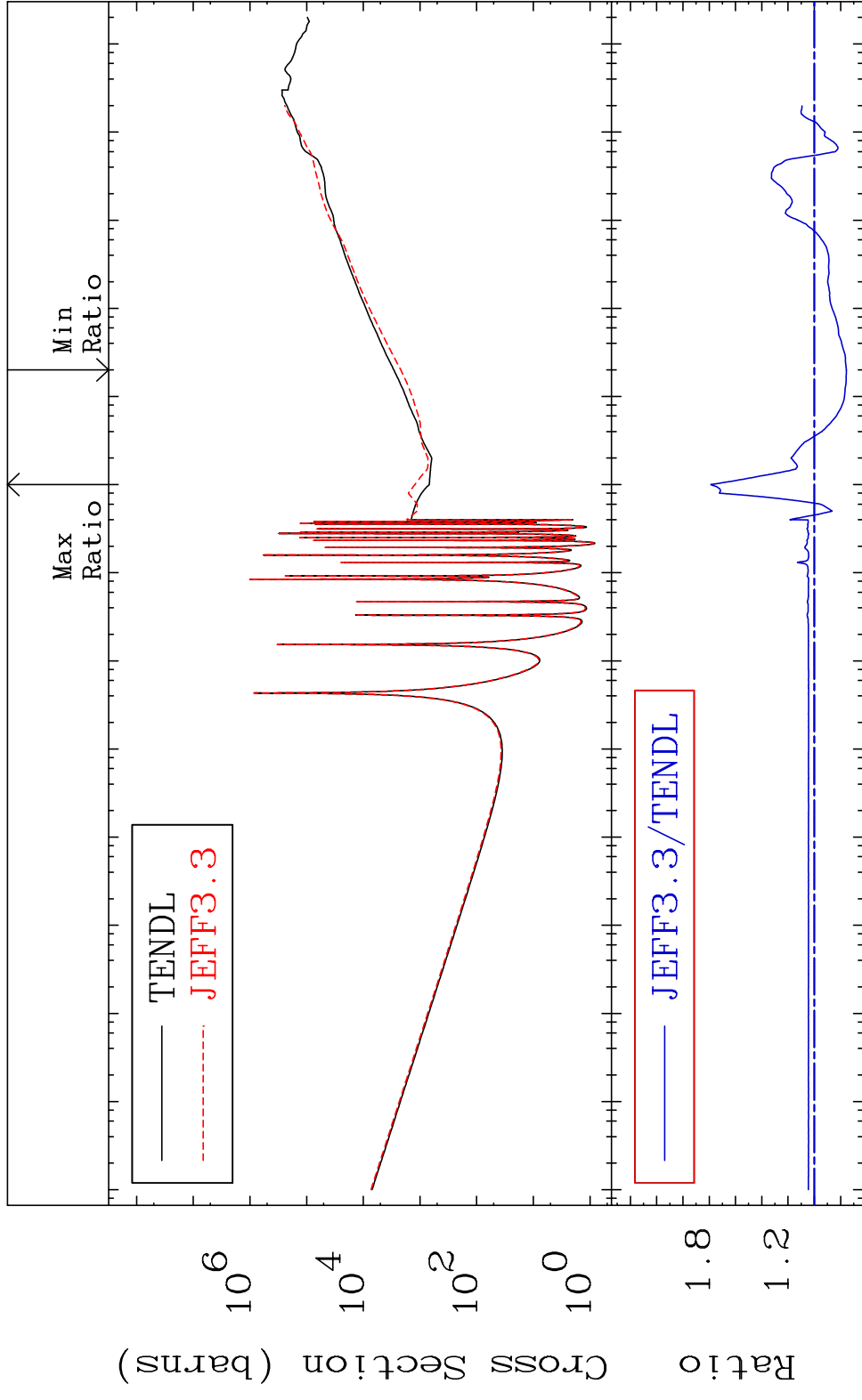
MAT 9643 Total photon (eV-barns) 96-Cm-246
 Cross Section -34.78 To 1813. %



MAT 9643 Total kinematic kerma (high limit) 96-Cm-246
 Cross Section -55.71 To 204.3 %



MAT 9643 Dpa total (eV-barns) 96-Cm-246
 Cross Section -24.37 To 78.86 %



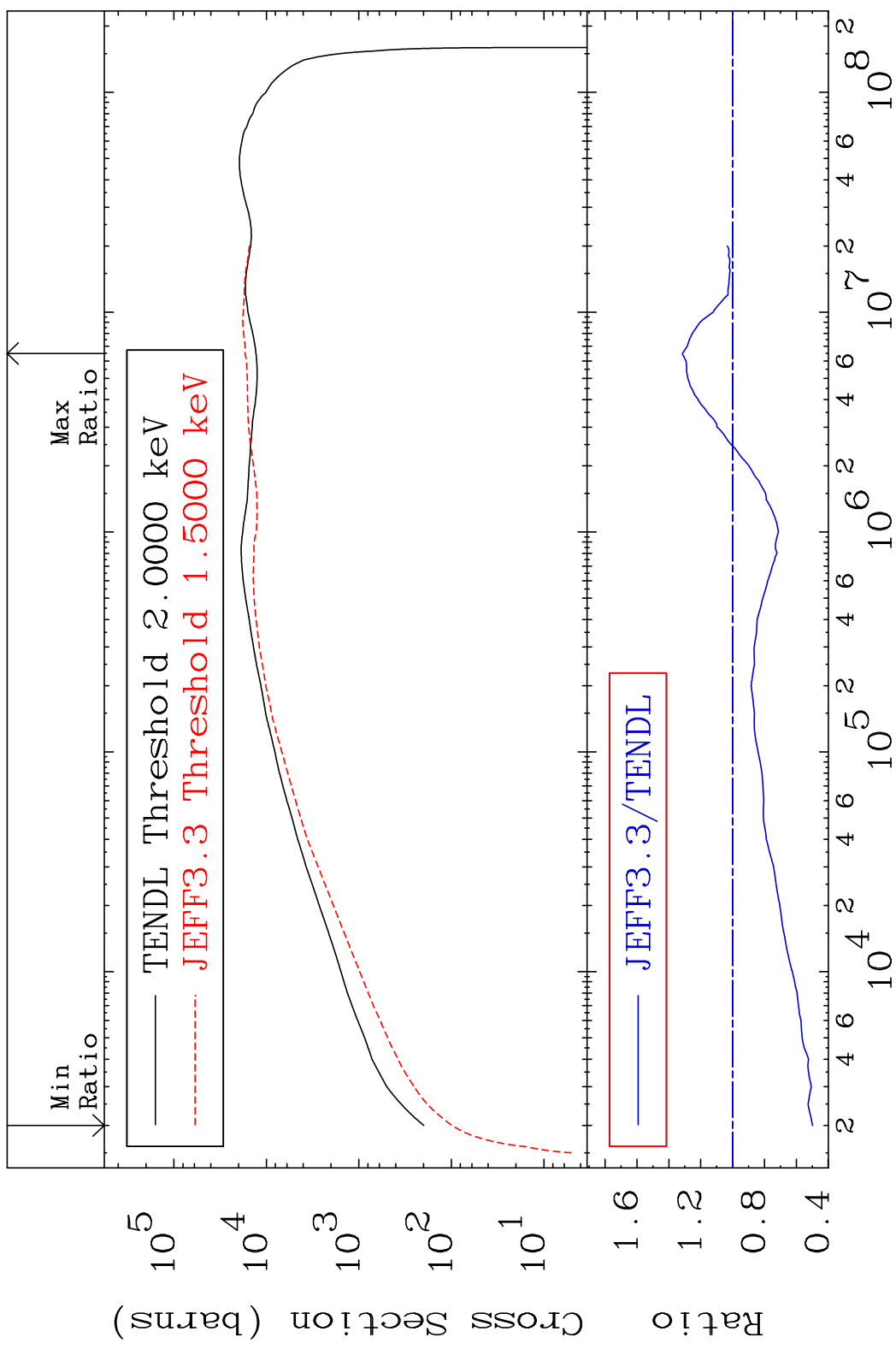
24 Incident Energy (eV) 96-Cm-246

MAT 9643

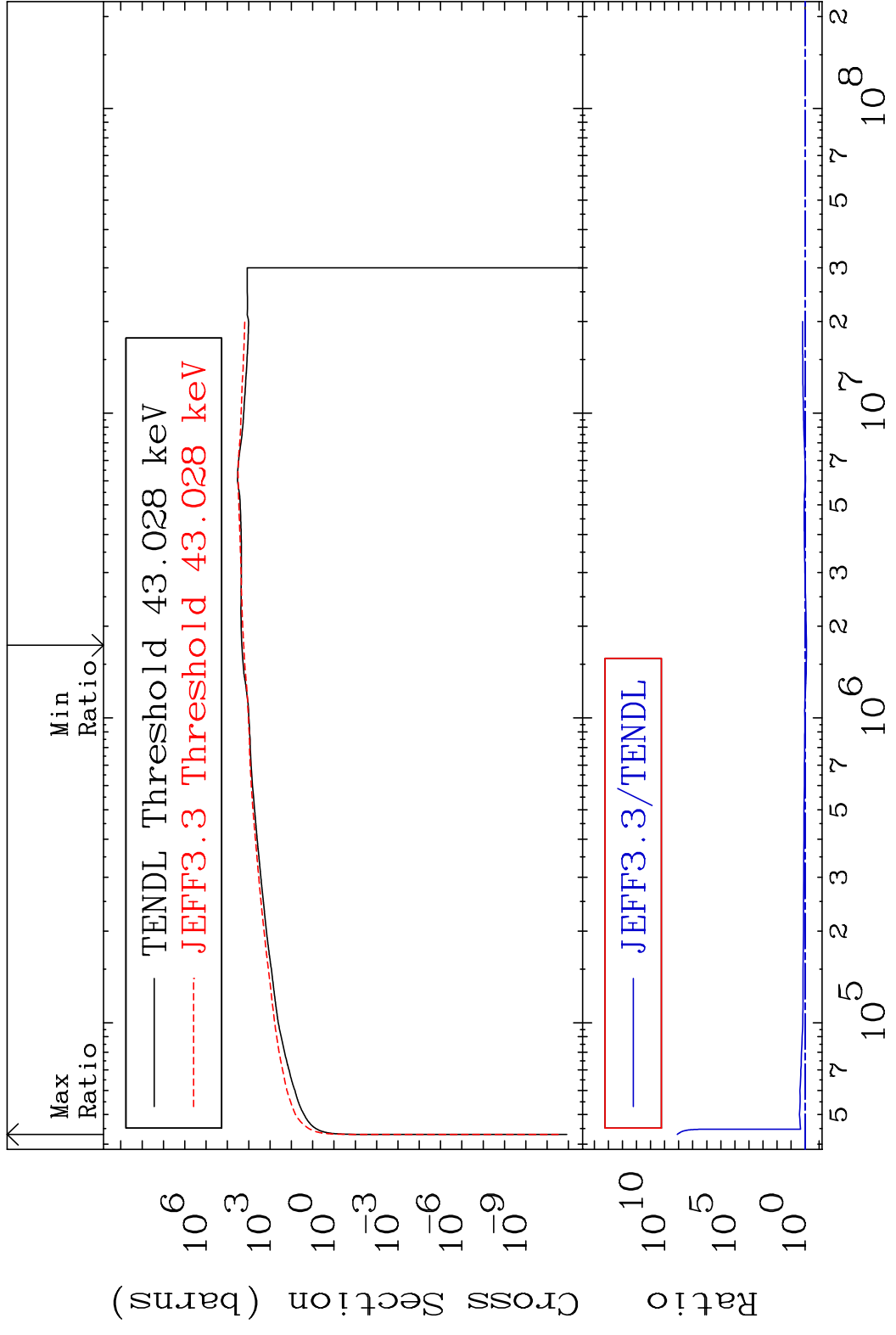
Dpa elastic (mt2)

96-Cm-246

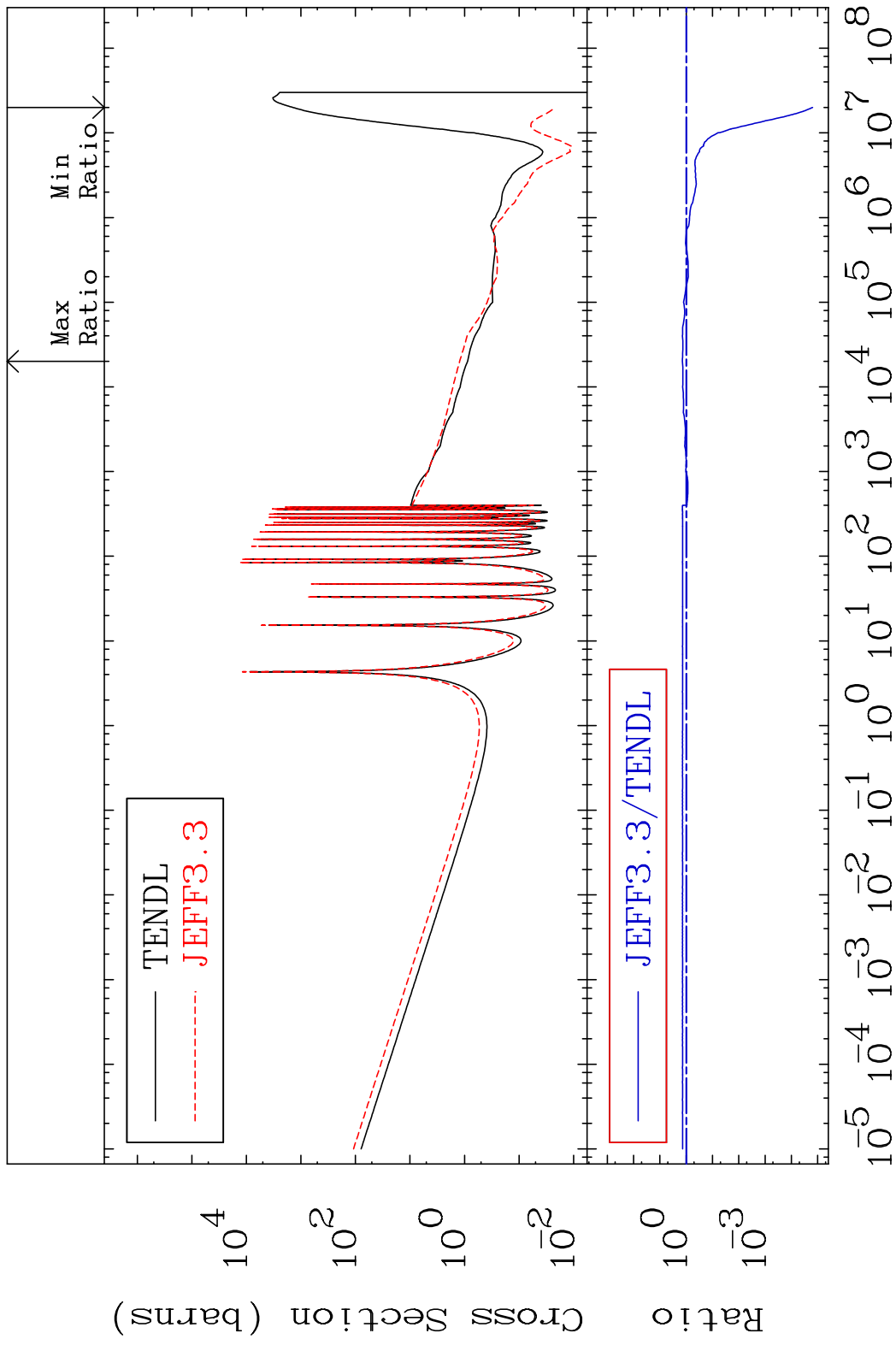
Cross Section -50.18 To 31.51 %



MAT 9643 Dpa inelastic (mt51-91) 96-Cm-246
 Cross Section -18.67 To 9999. %



MAT 9643 Dpa disappearance (mt102 -120) 96-Cm-246
 Cross Section -100.0 To 39.75 %



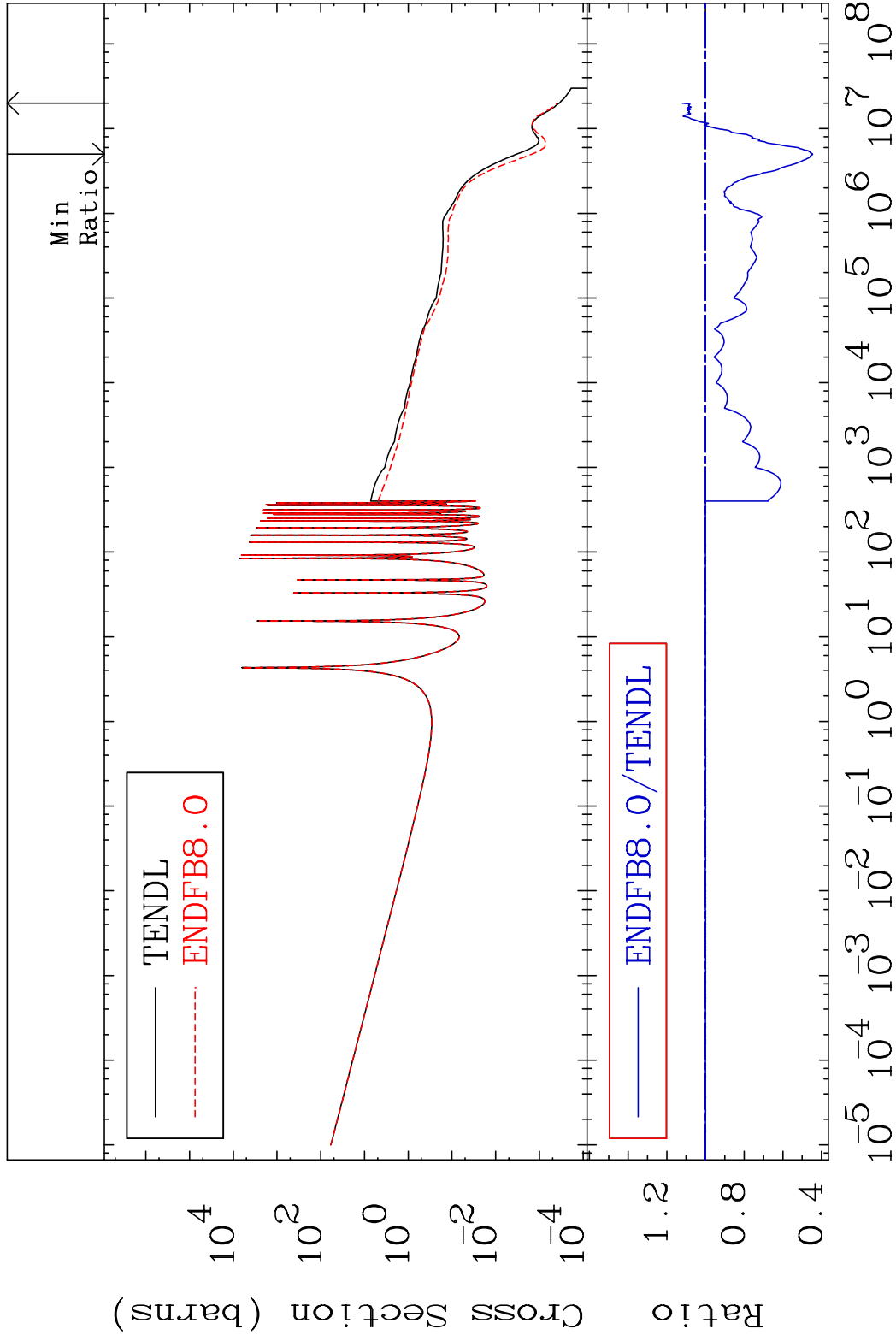
27 Incident Energy (eV) 96-Cm-246

MAT 9643

(n, γ)

96-Cm-246

Cross Section -55.34 To 11.95 %

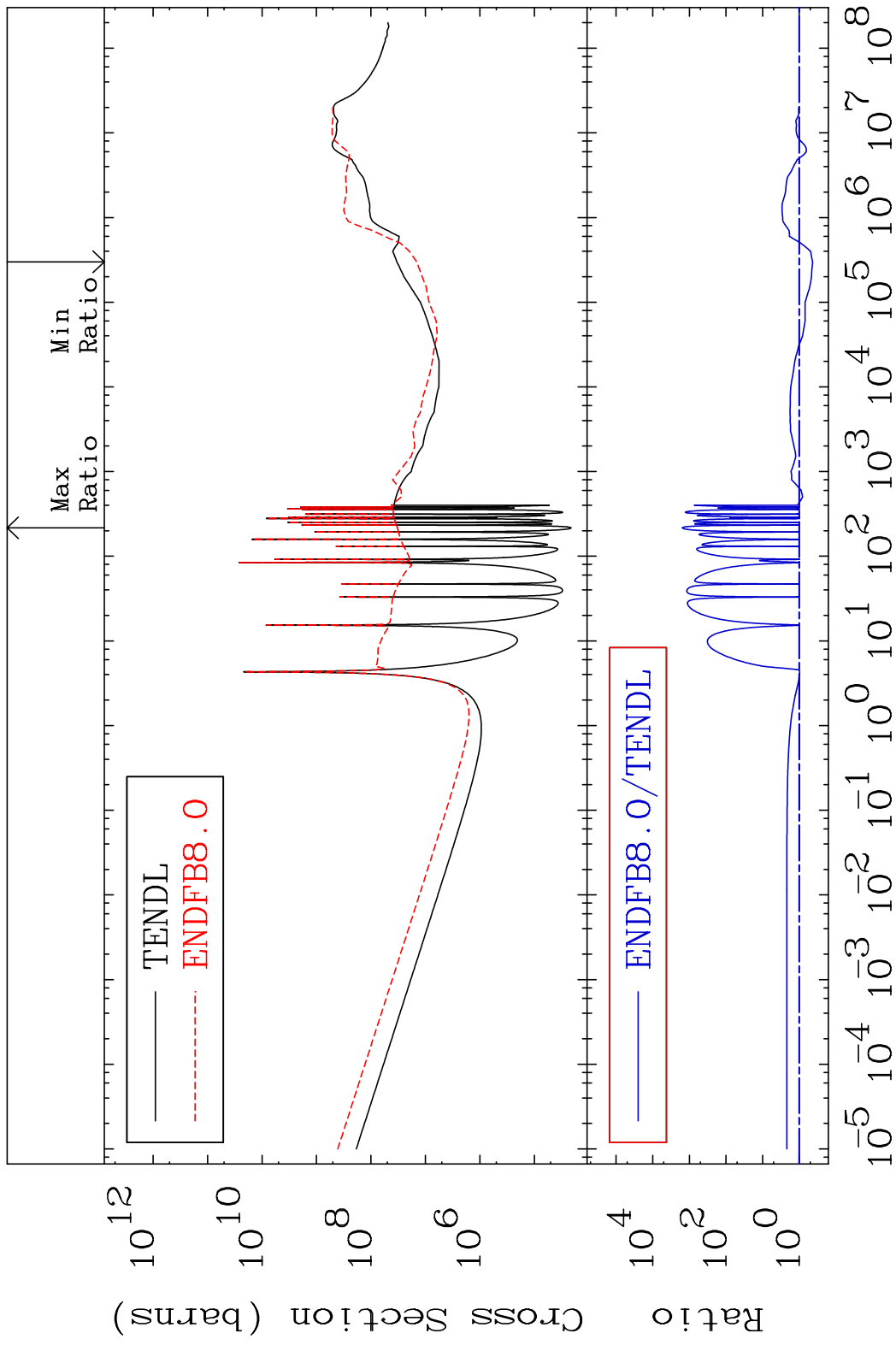


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Incident Energy (eV)

96-Cm-246

MAT 9643 Kerma total (eV-barns) 96-Cm-246
 Cross Section -56.70 To 9999. %

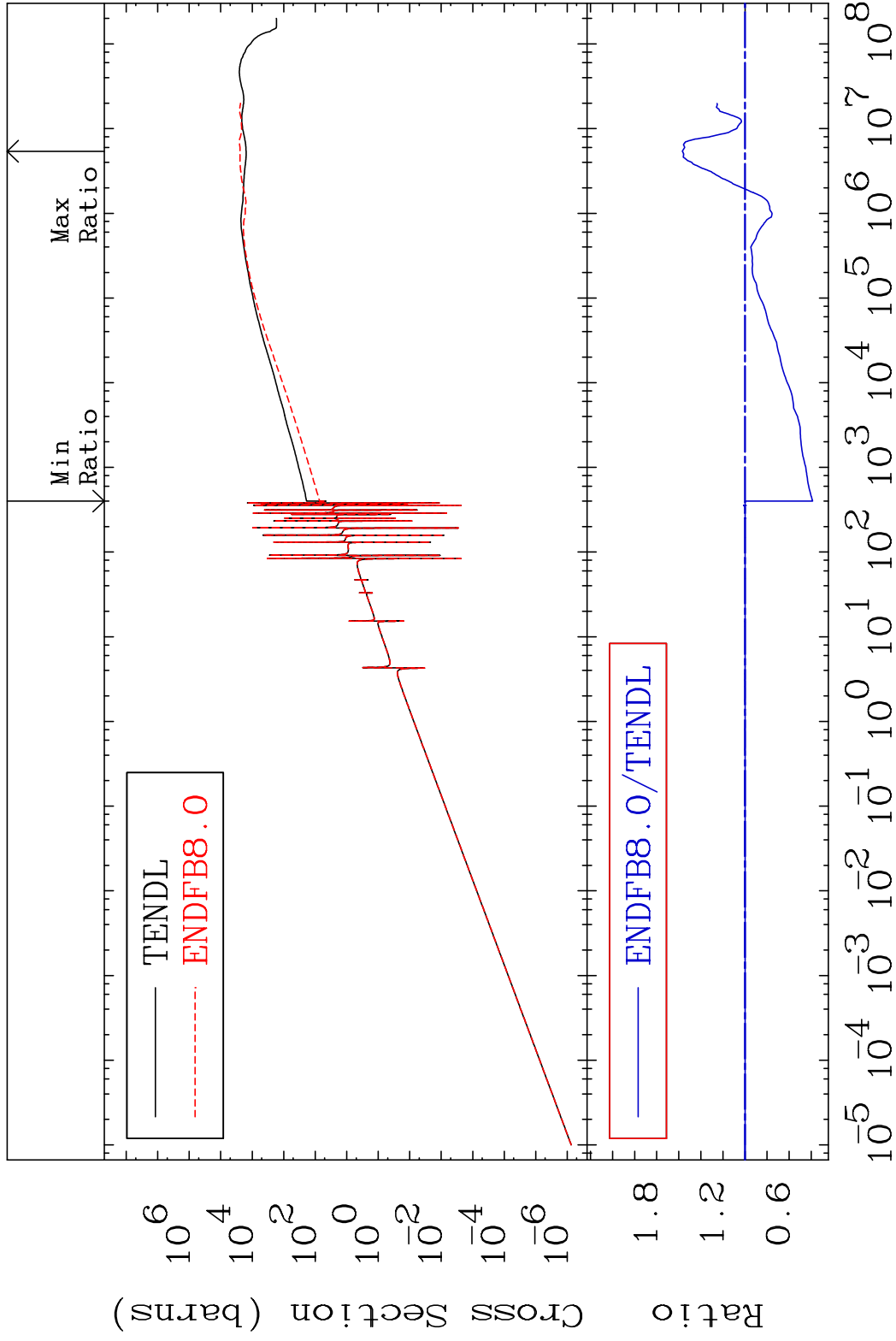


MAT 9643

Kerma elastic
Cross Section

96-Cm-246

-61.22 To 56.75 %

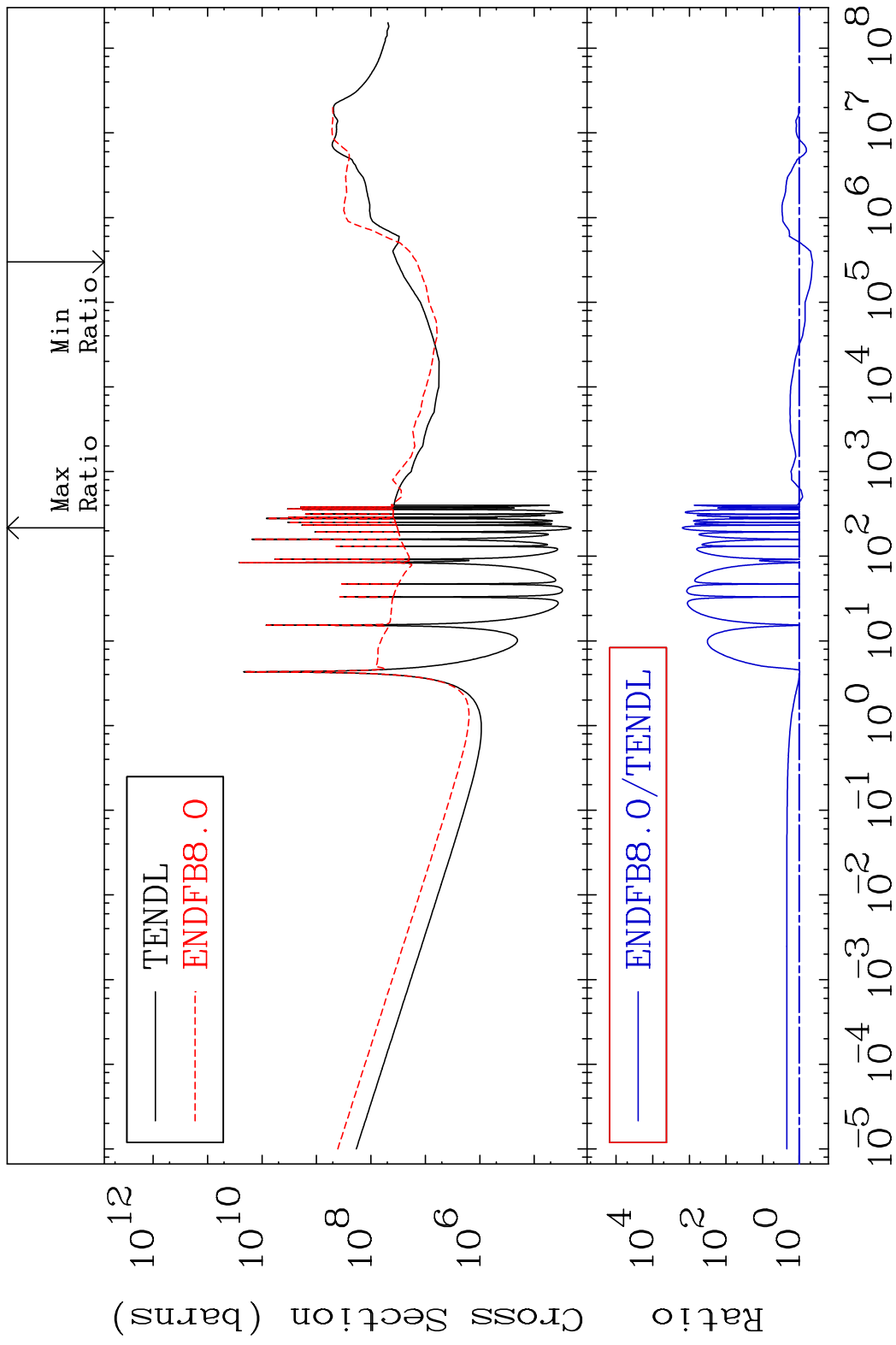


30

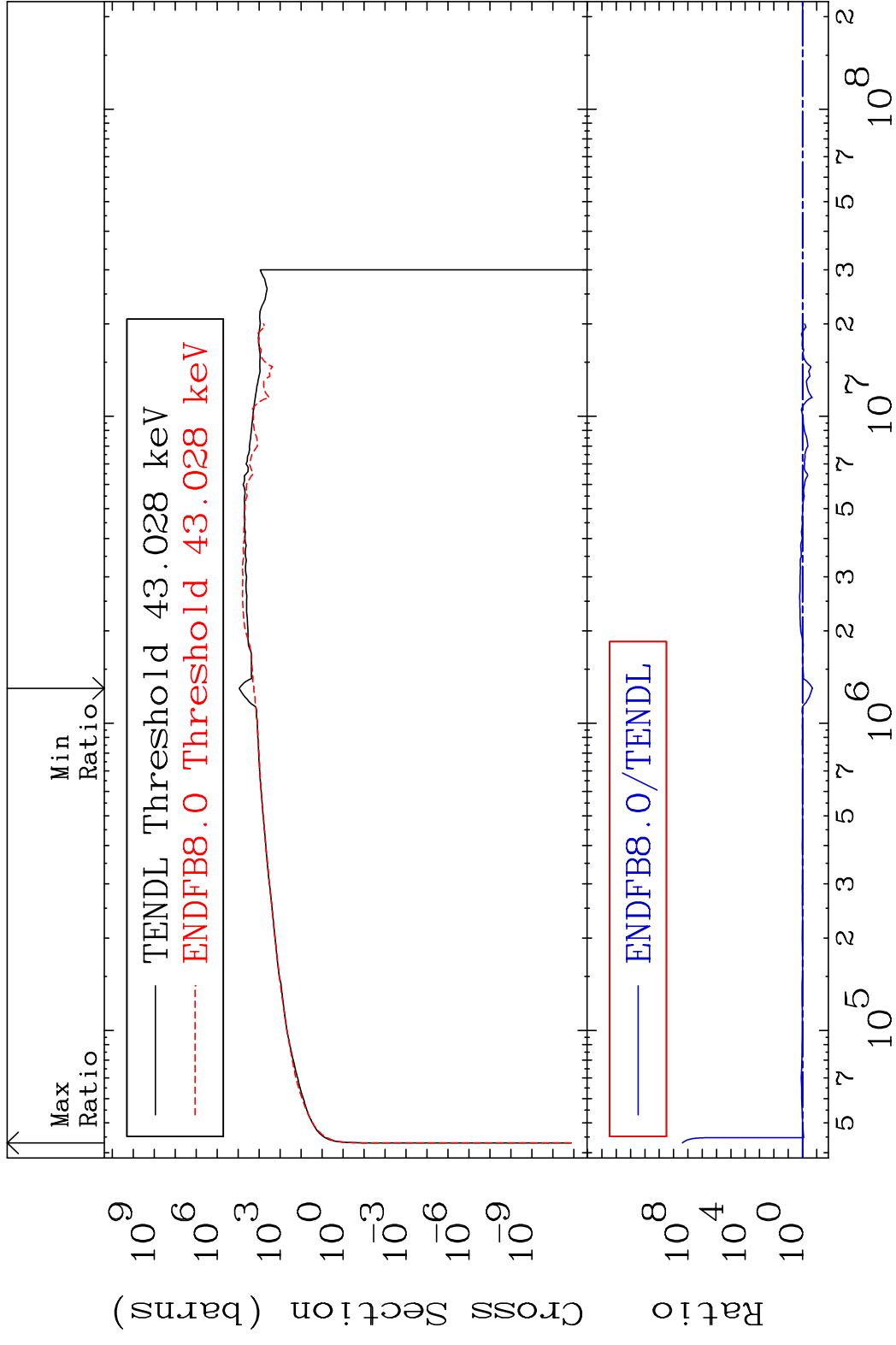
Incident Energy (eV)

96-Cm-246

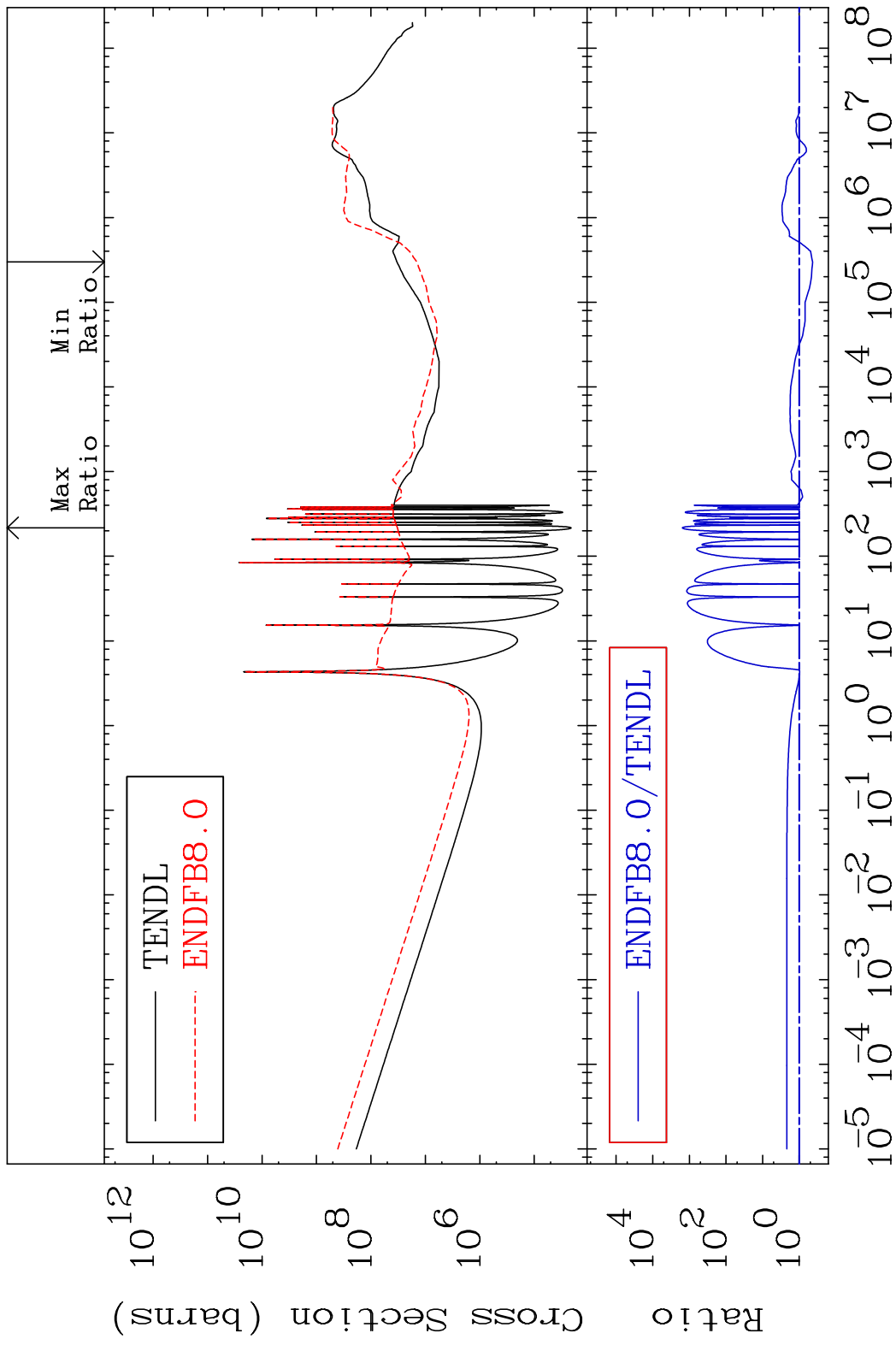
MAT 9643 Kerma non-elastic (all but mt2) 96-Cm-246
 Cross Section -56.72 To 9999. %



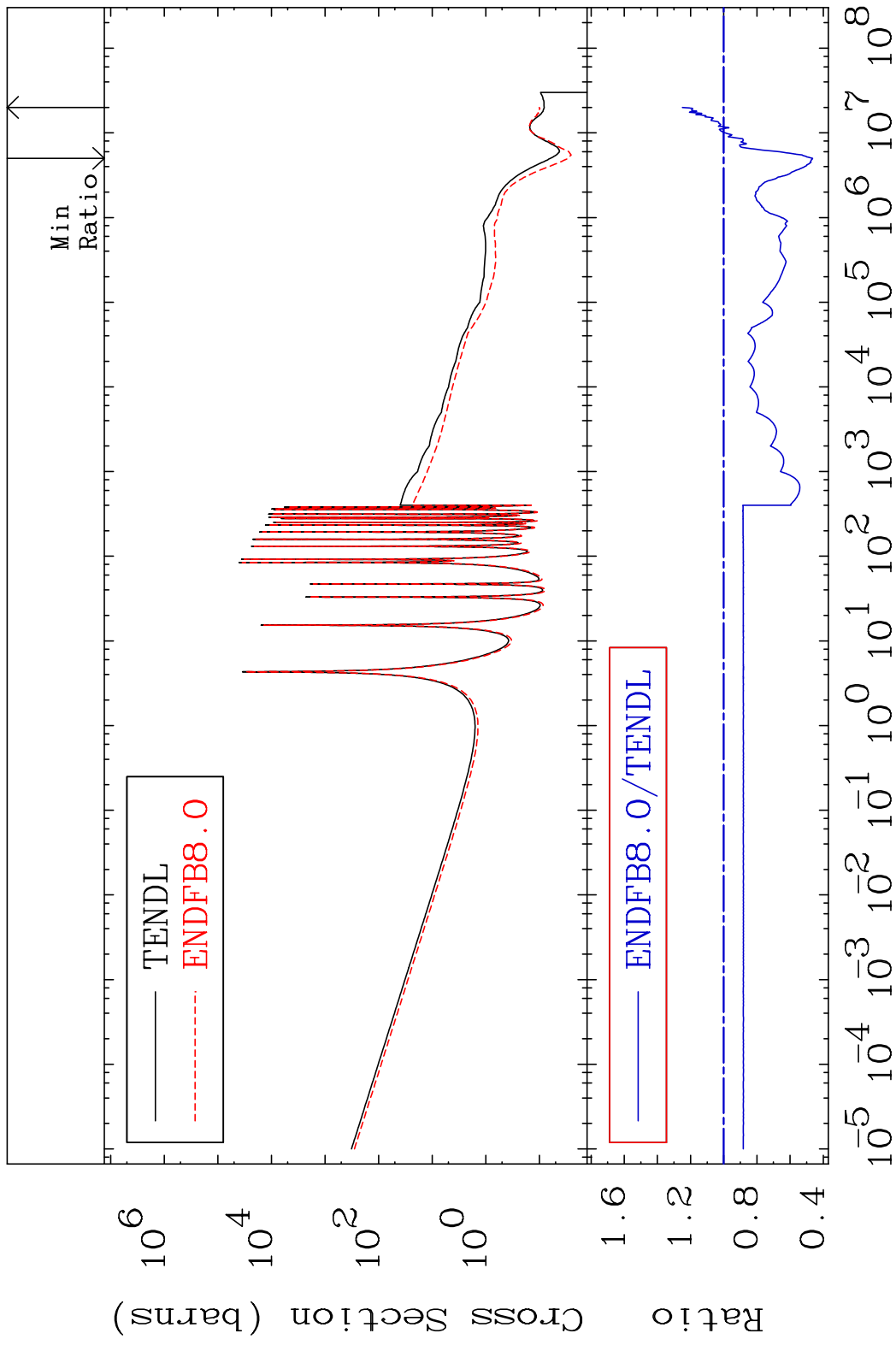
MAT 9643 Kerma inelastic (mt51-91) 96-Cm-246
 Cross Section -80.24 To 9999. %



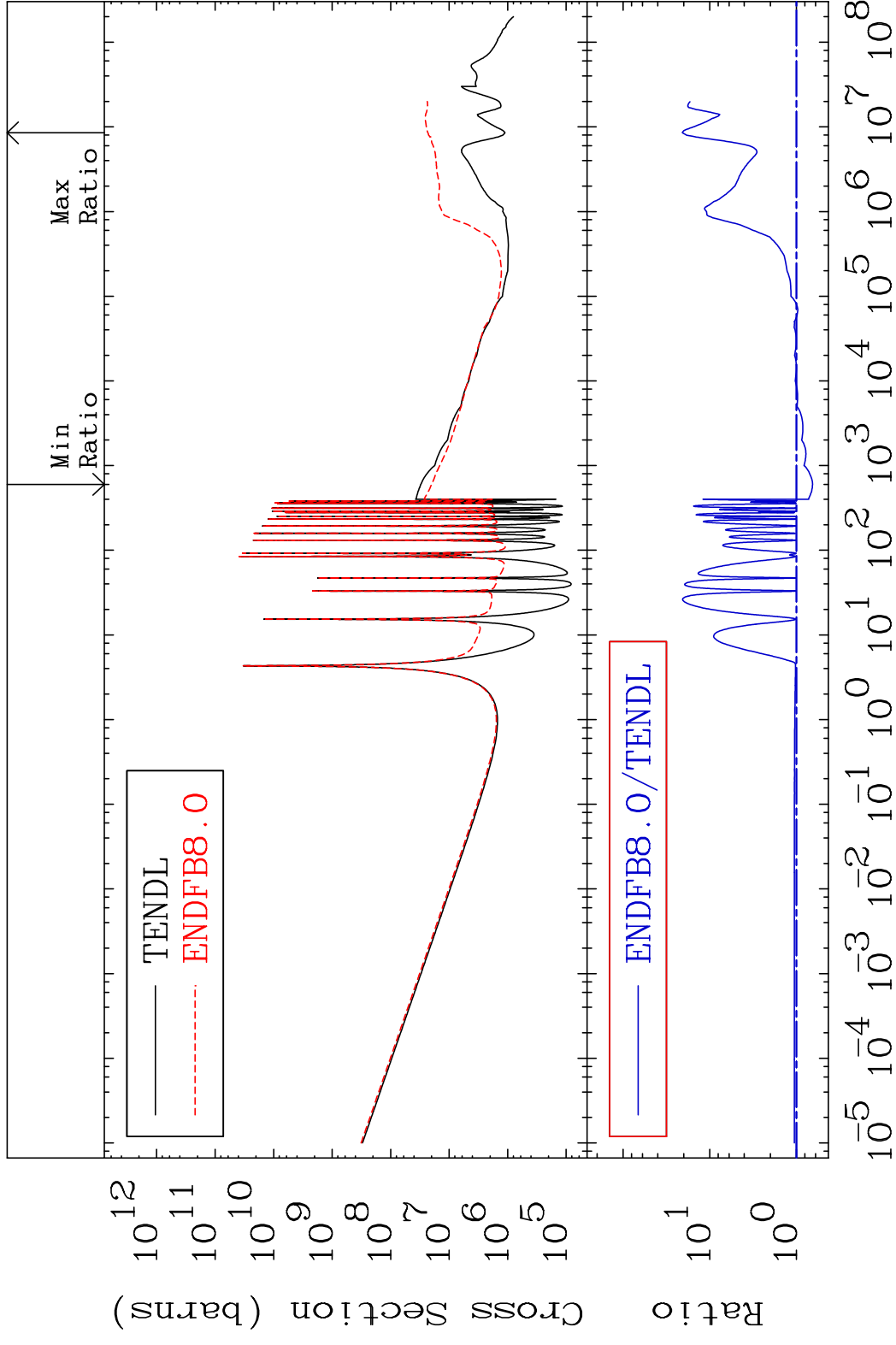
MAT 9643 Kerma fission (mt18 or mt19-20-21-38) 96-Cm-246
 Cross Section -56.73 To 9999. %



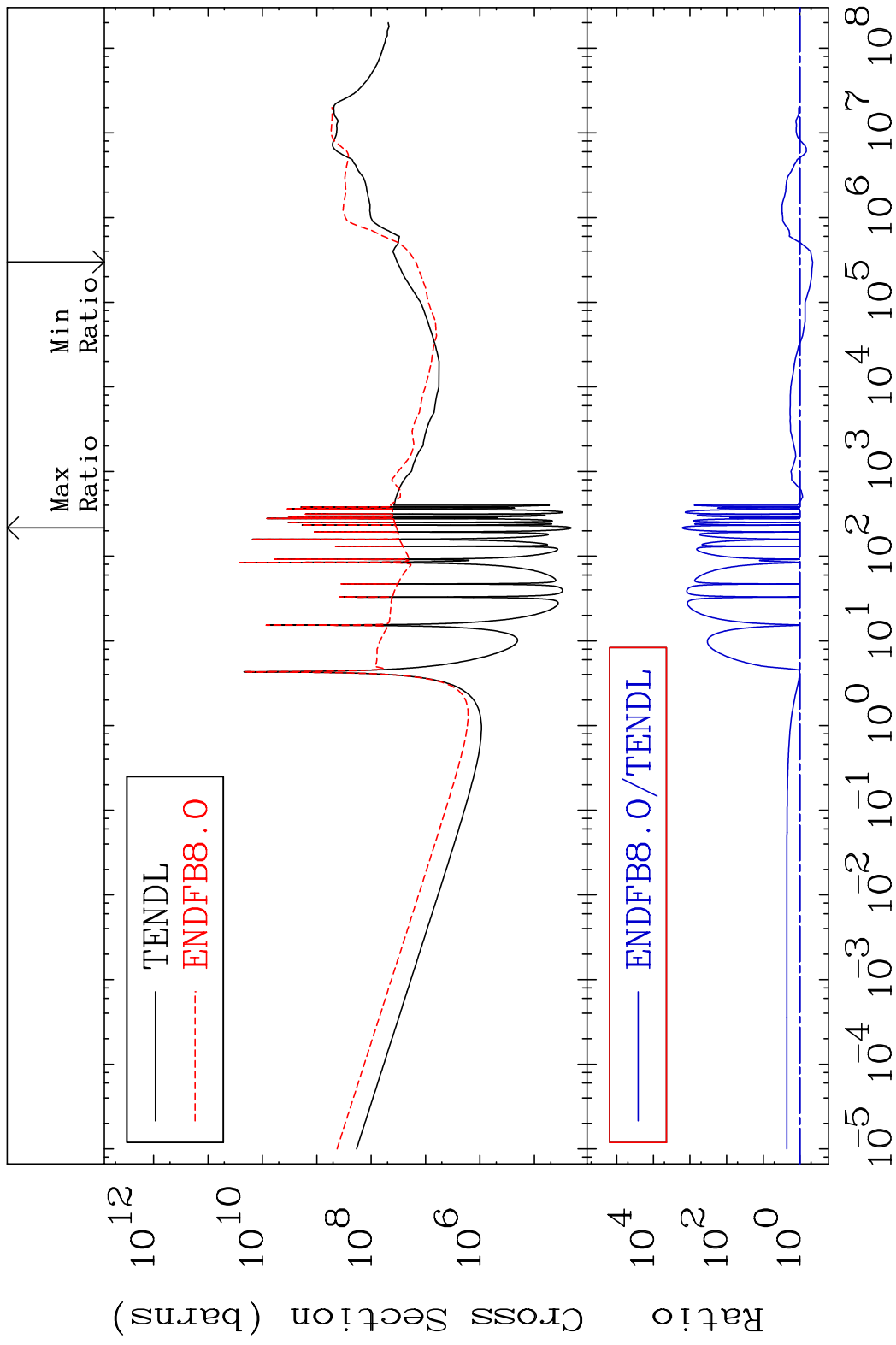
MAT 9643 Kerma capture (mt102) 96-Cm-246
 Cross Section -53.57 To 24.96 %



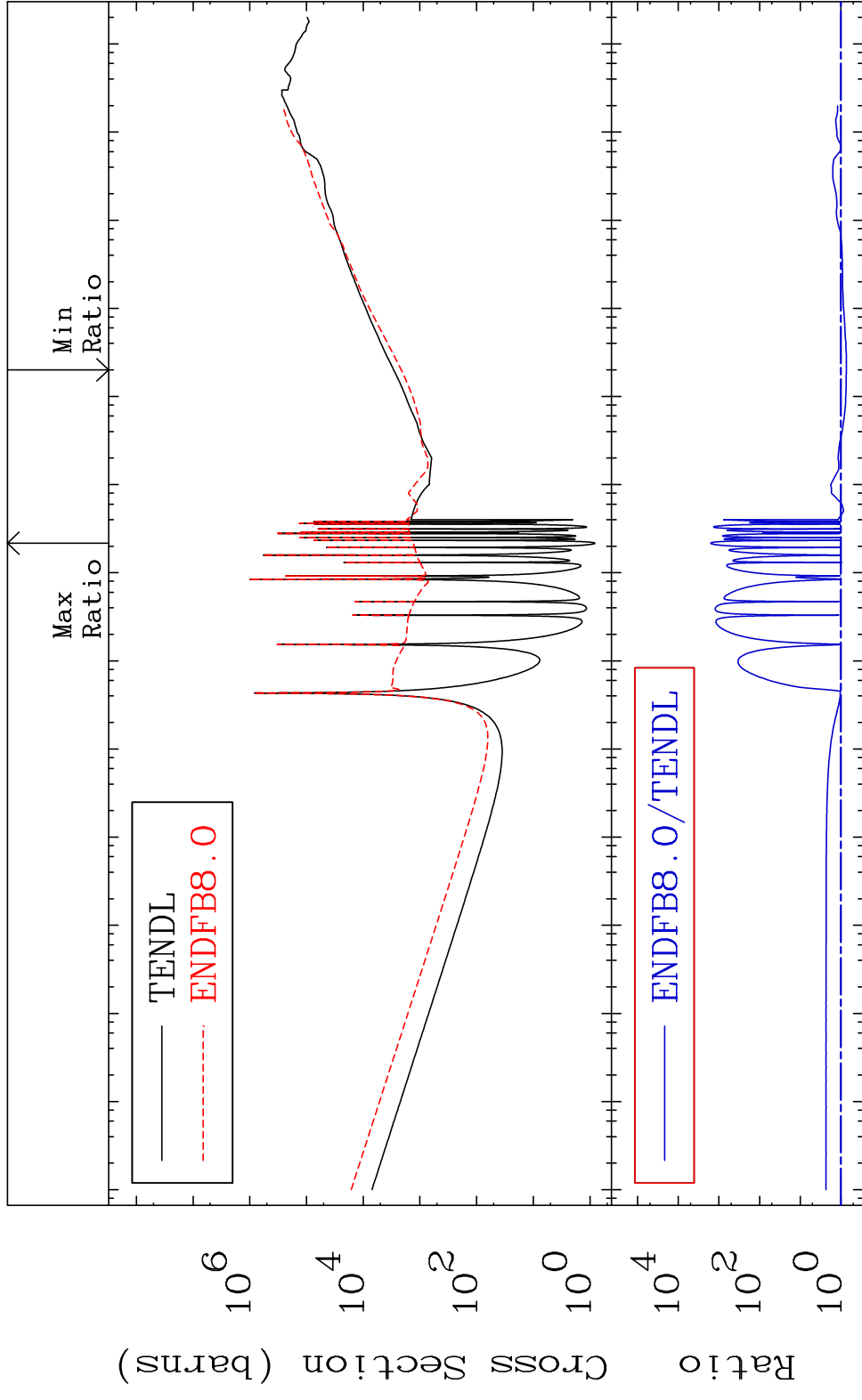
MAT 9643 Total photon (eV-barns) 96-Cm-246
 Cross Section -34.81 To 1975. %



MAT 9643 Total kinematic kerma (high limit) 96-Cm-246
 Cross Section -54.84 To 9999. %



MAT 9643 Dpa total (eV-barns) 96-Cm-246
 Cross Section -26.28 To 9999. %

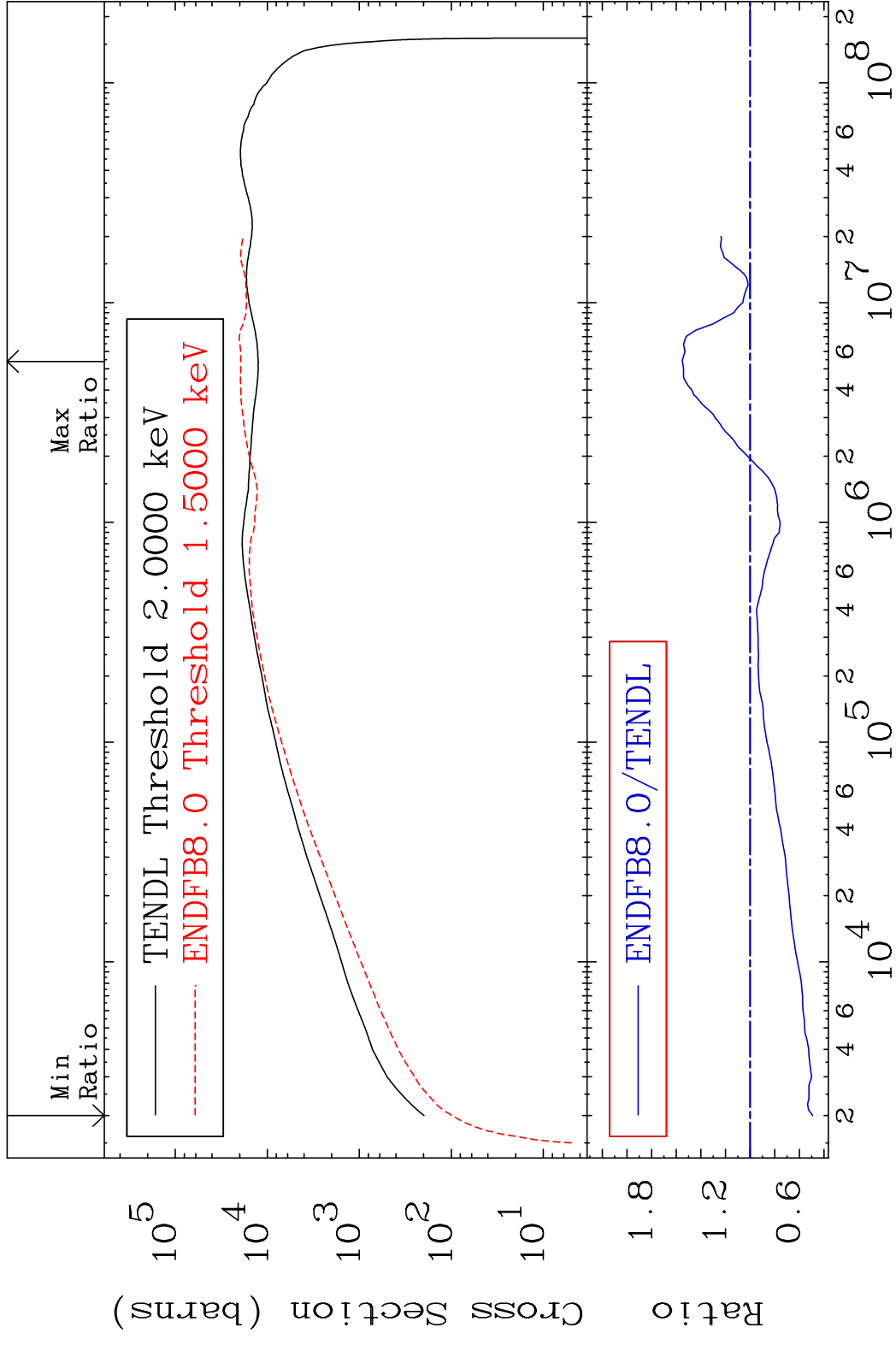


MAT 9643

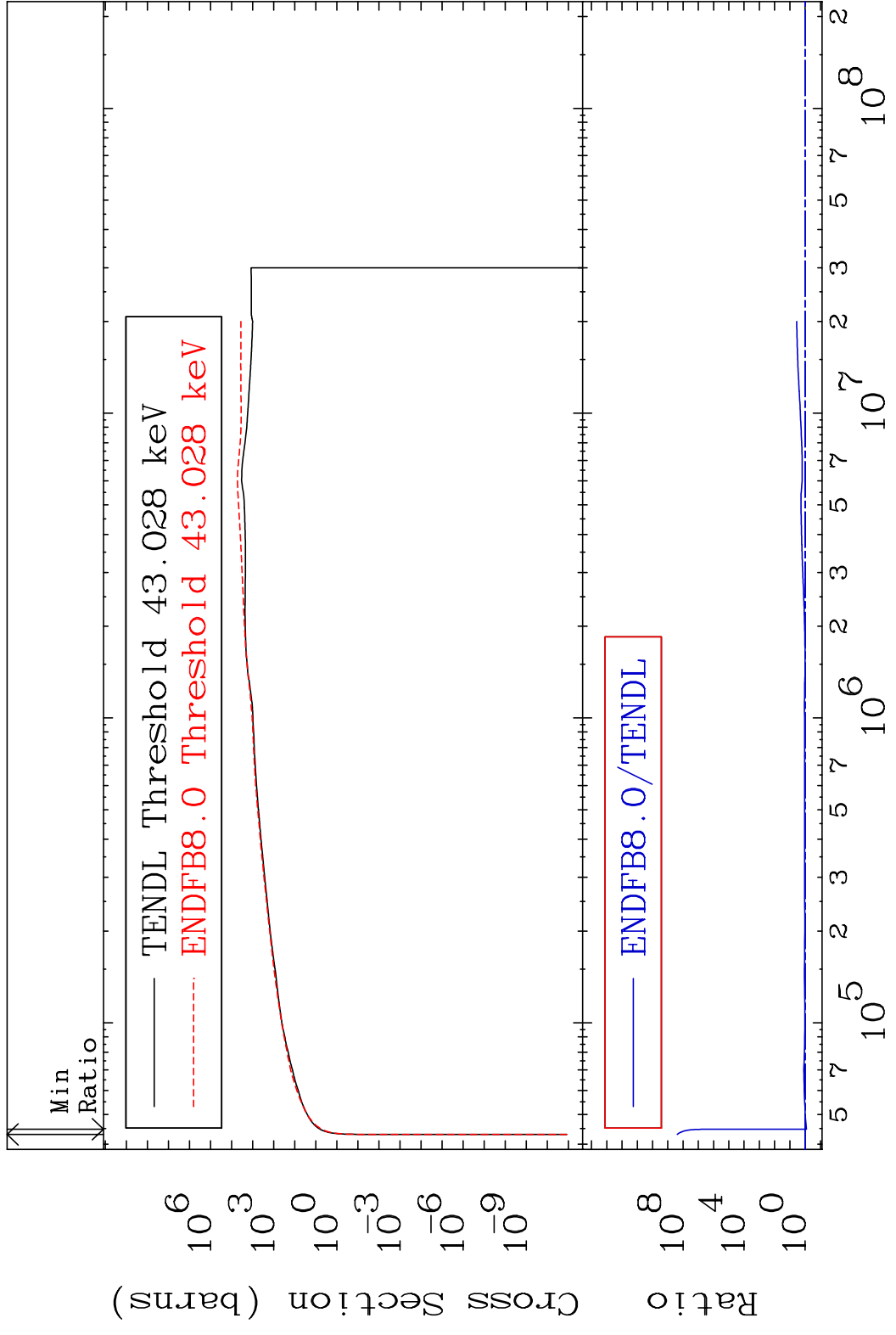
Dpa elastic (mt2)

96-Cm-246

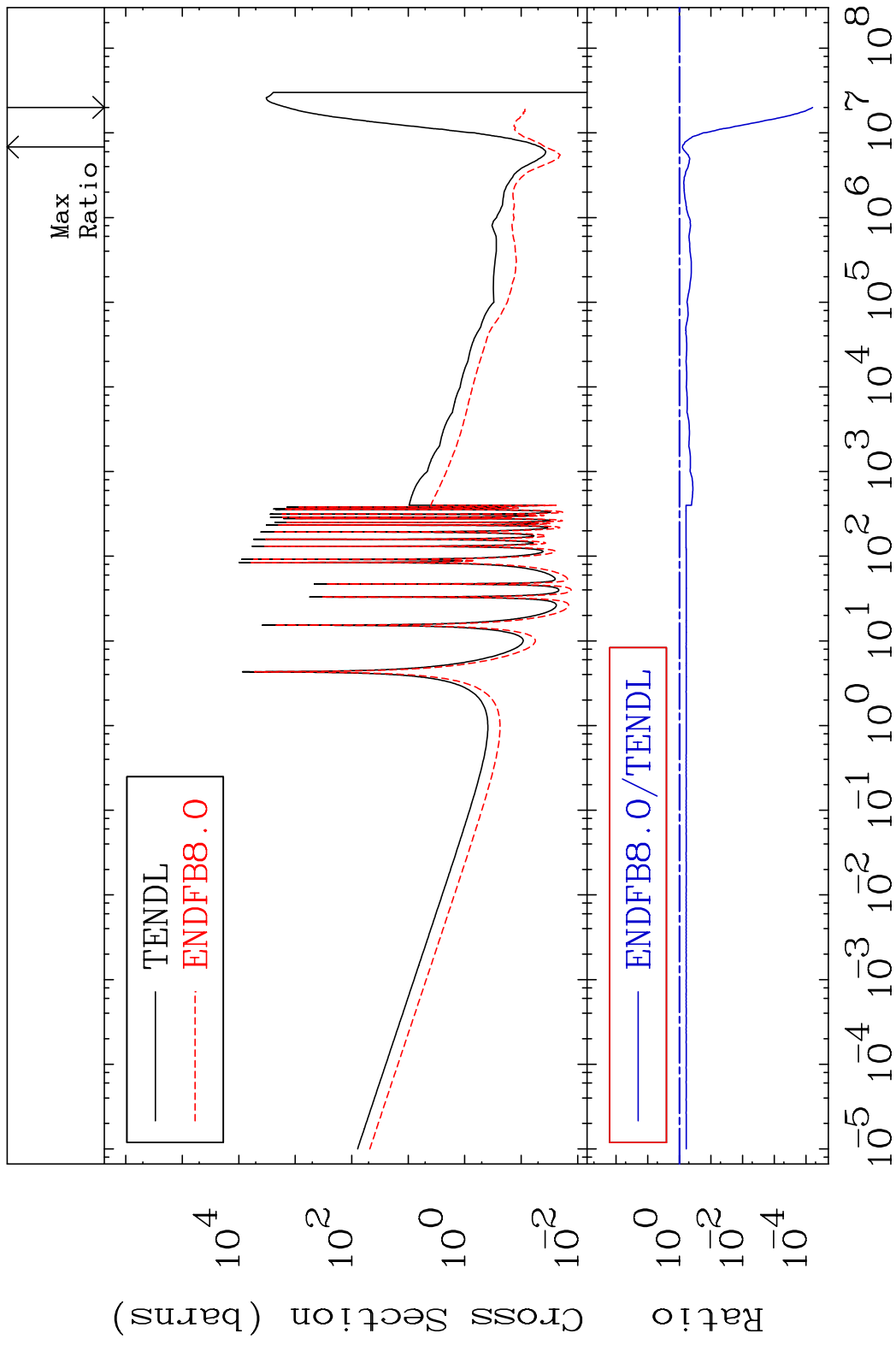
Cross Section -50.68 To 54.98 %



MAT 9643 Dpa inelastic (mt51-91) 96-Cm-246
 Cross Section -17.57 To 9999. %



MAT 9643 Dpa disappearance (mt102 -120) 96-Cm-246
 Cross Section -99.99 To -19.79%



40 Incident Energy (eV) 96-Cm-246