

Program Complot
(Version 2021-1)

by

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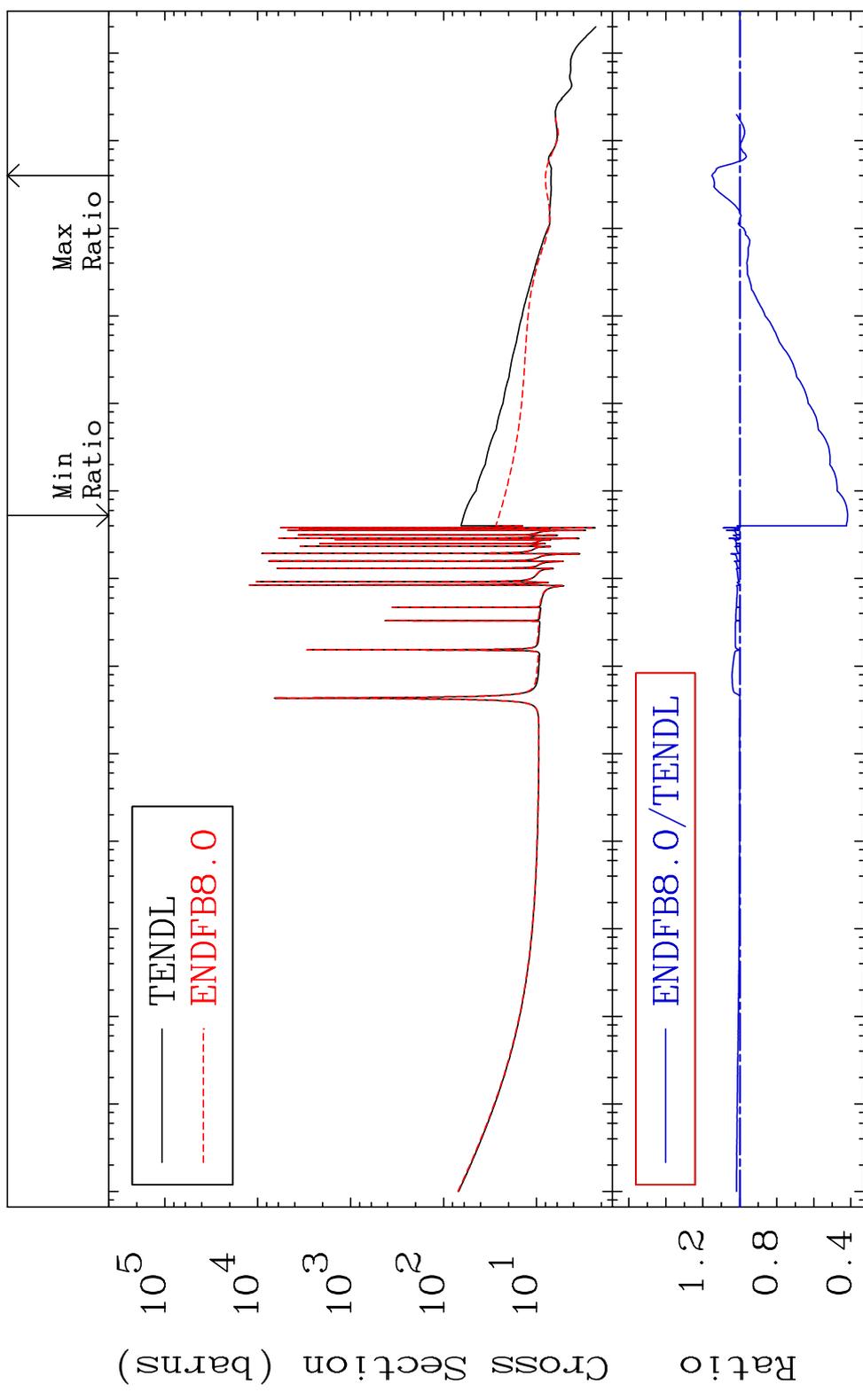
Press Mouse Button to Start

MAT 9643

Total

96-Cm-246

Cross Section -58.29 To 15.16 %



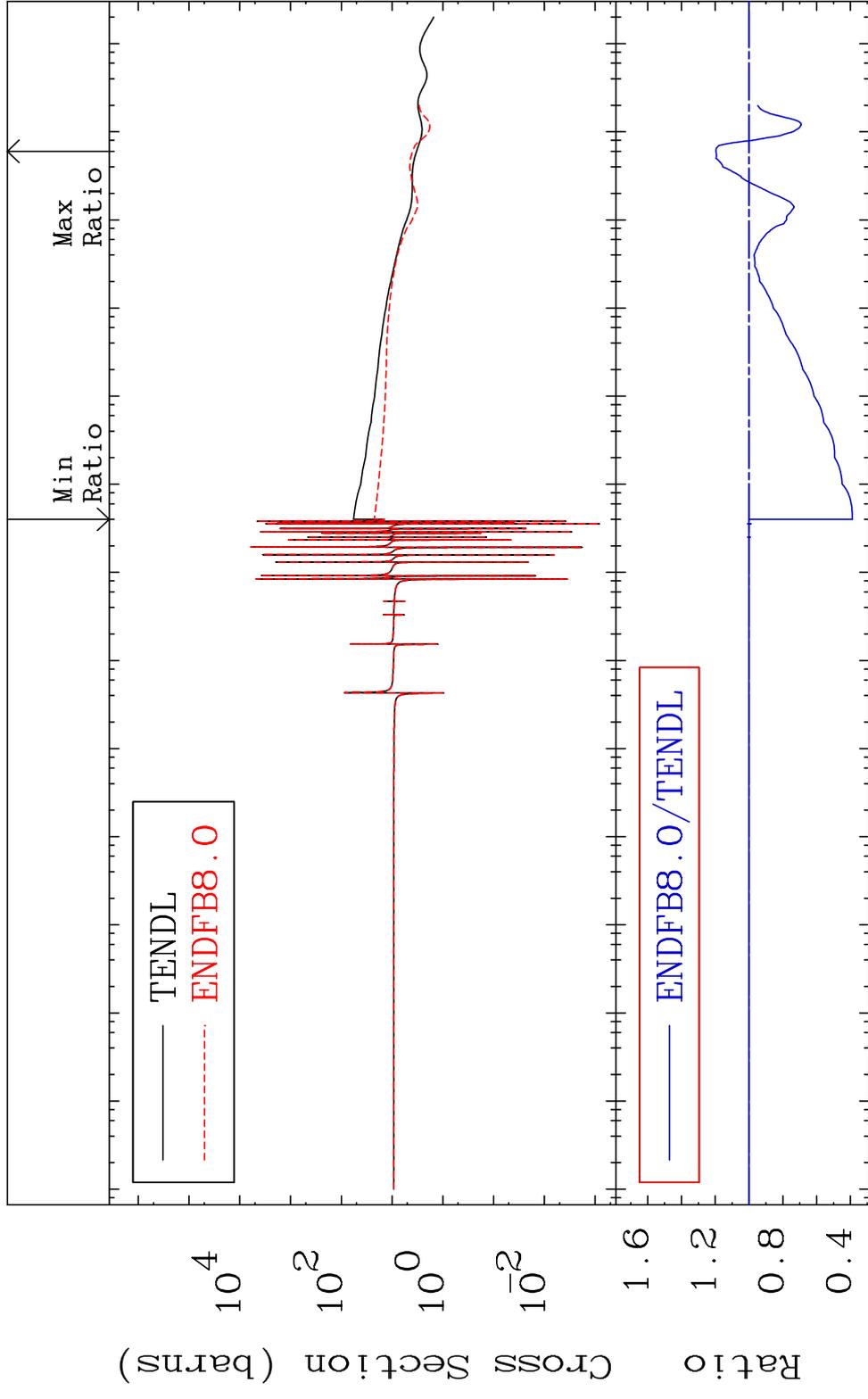
1 Incident Energy (eV) 96-Cm-246

MAT 9643

Elastic

96-Cm-246

Cross Section -61.22 To 19.62 %



2

Incident Energy (eV)

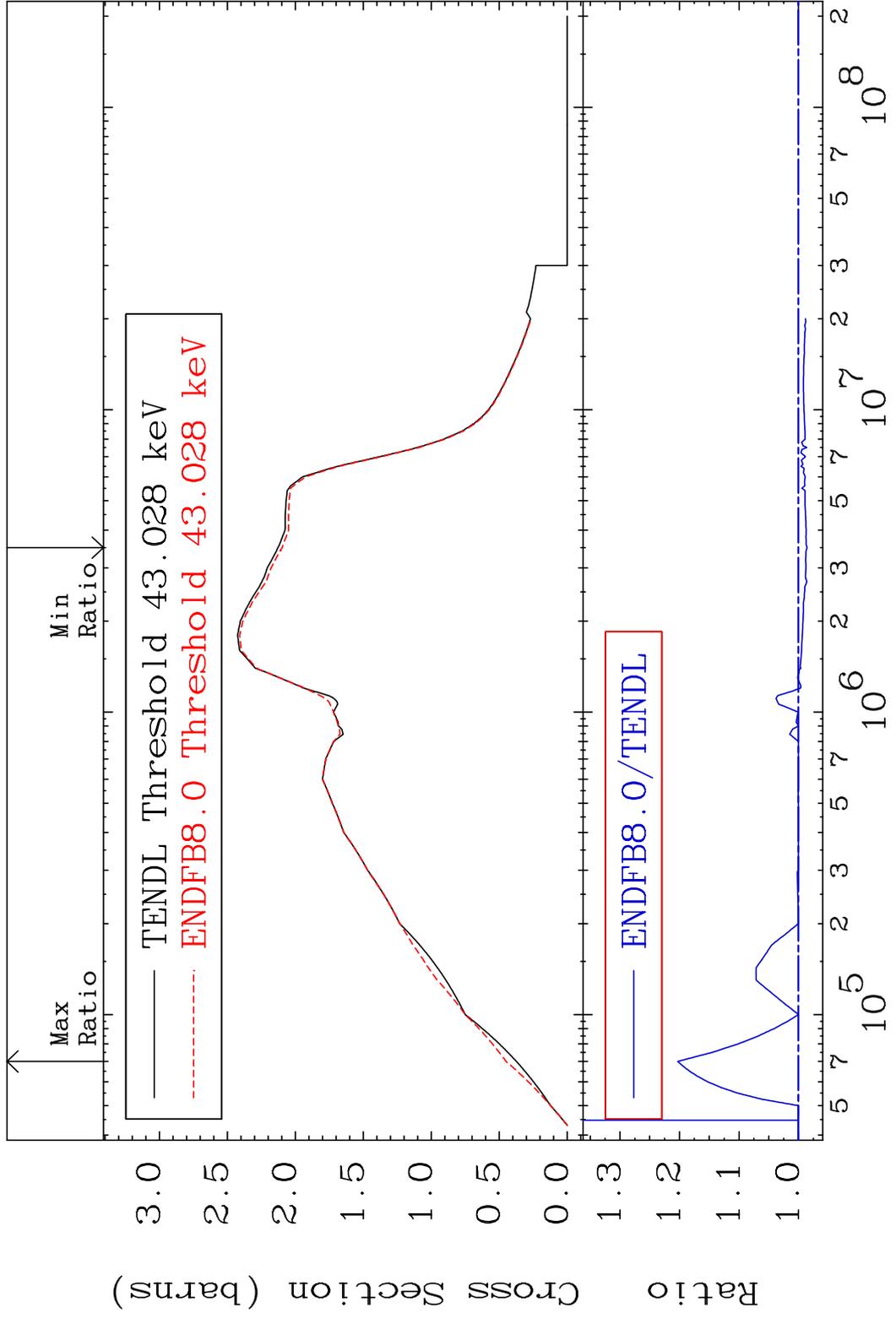
96-Cm-246

MAT 9643

Inelastic

96-Cm-246

Cross Section -1.431 To 20.30 %

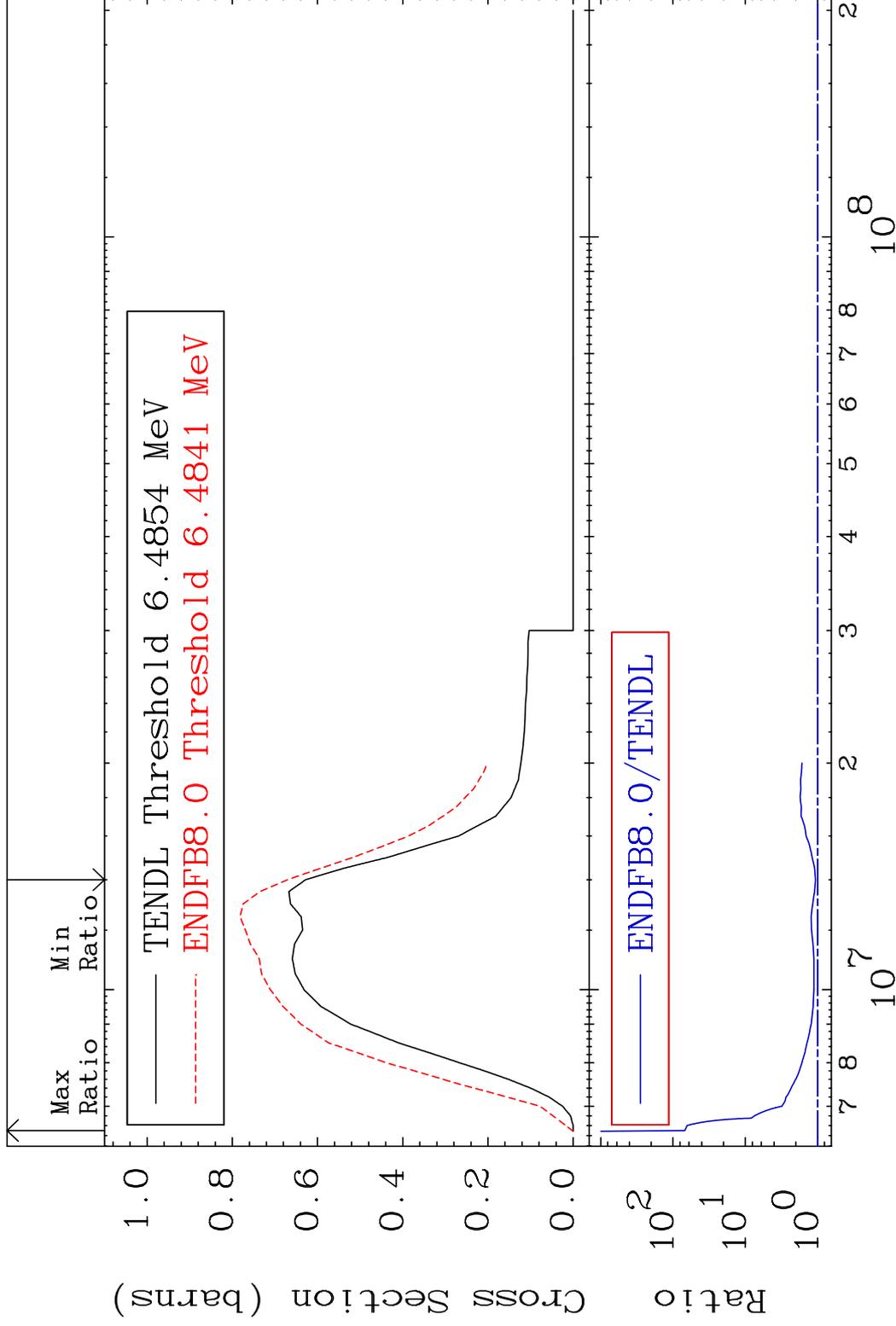


MAT 9643

(n,2n)

96-Cm-246

Cross Section 6.785 To 6772. %



4

Incident Energy (eV)

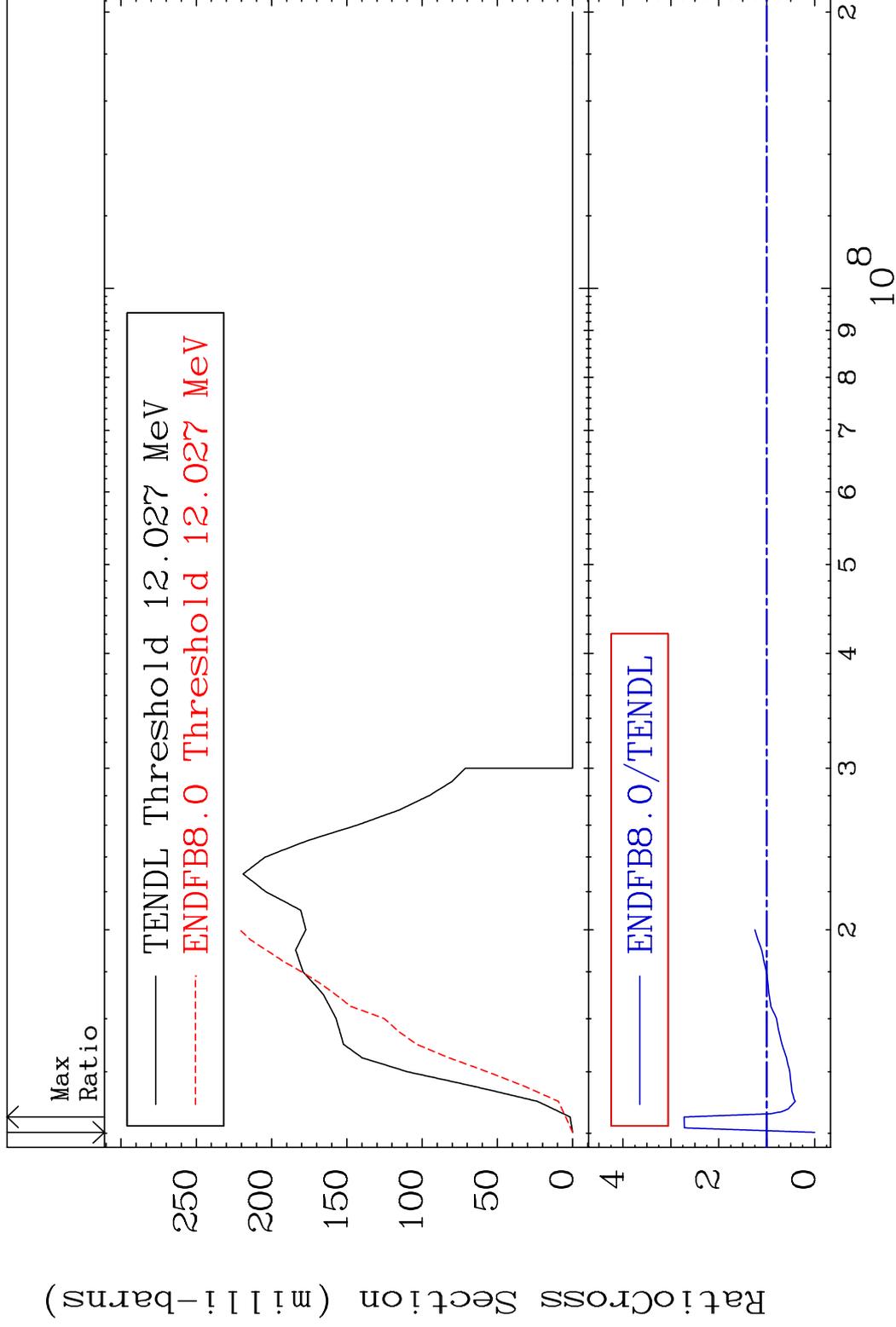
96-Cm-246

MAT 9643

(n,3n)

96-Cm-246

Cross Section -100.0 To 172.3 %



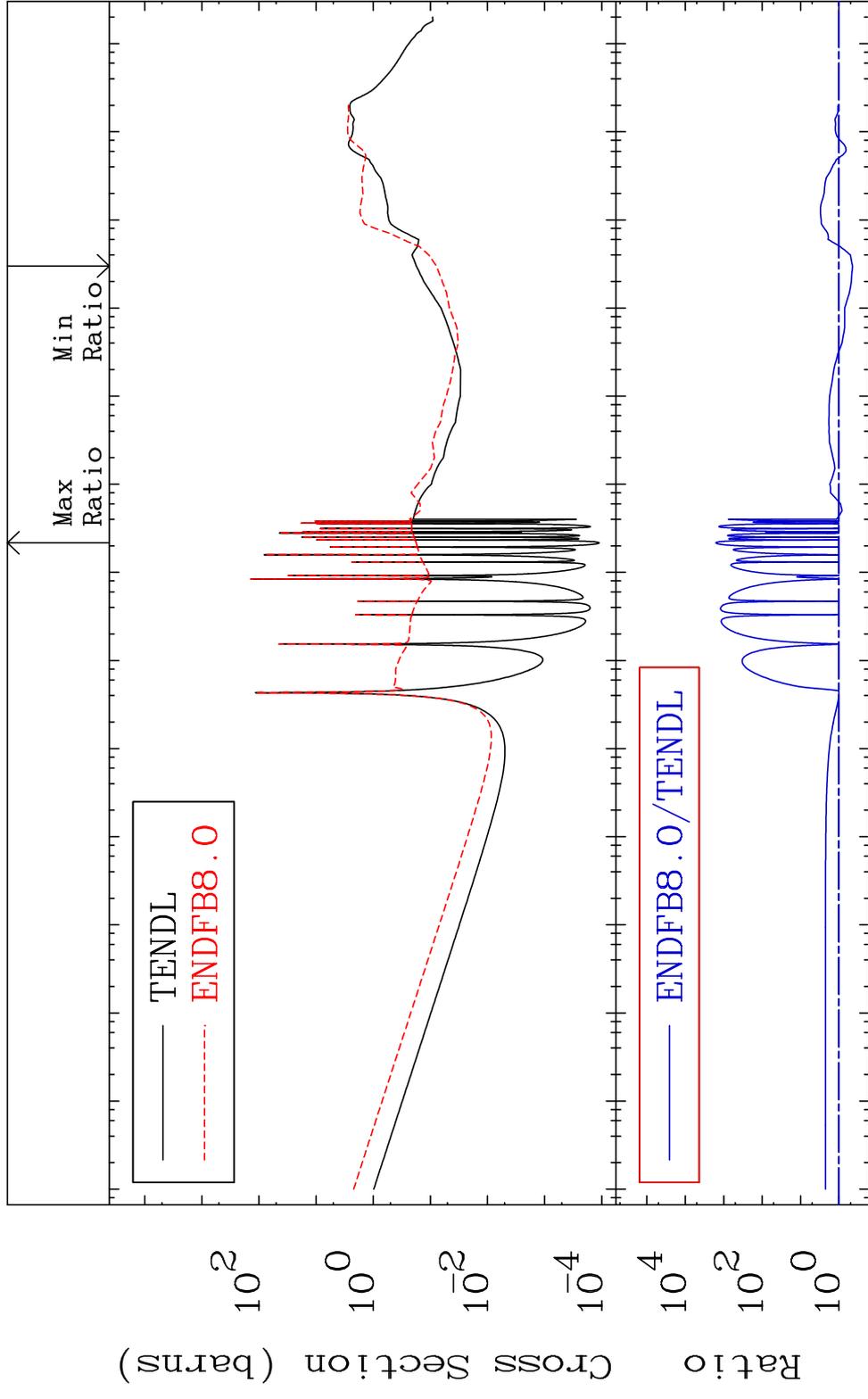
5

Incident Energy (eV)

96-Cm-246

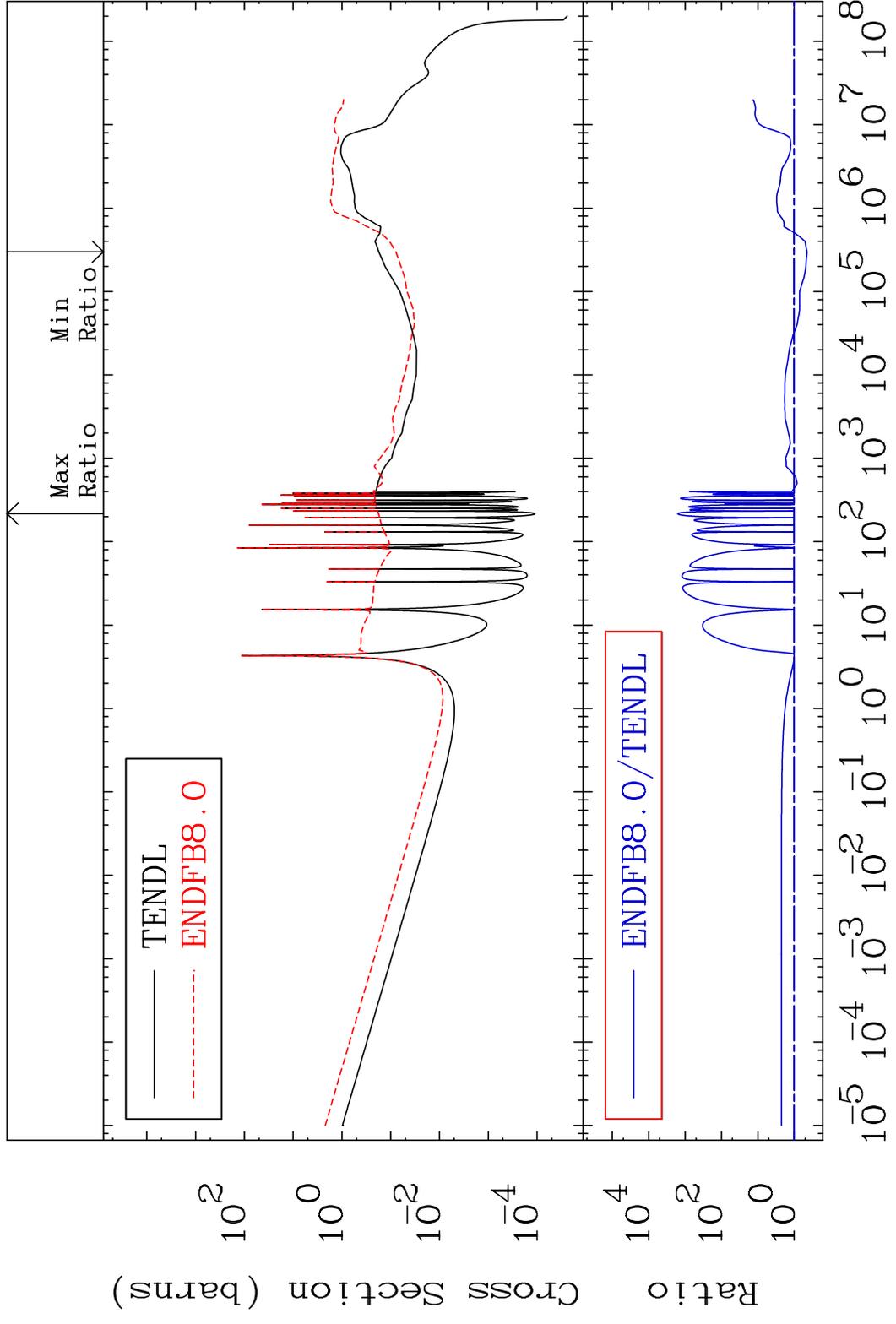
MAT 9643

Fission Cross Section -55.50 To 9999. %
96-Cm-246



MAT 9643

(n,f) First Chance 96-Cm-246
Cross Section -55.50 To 9999. %

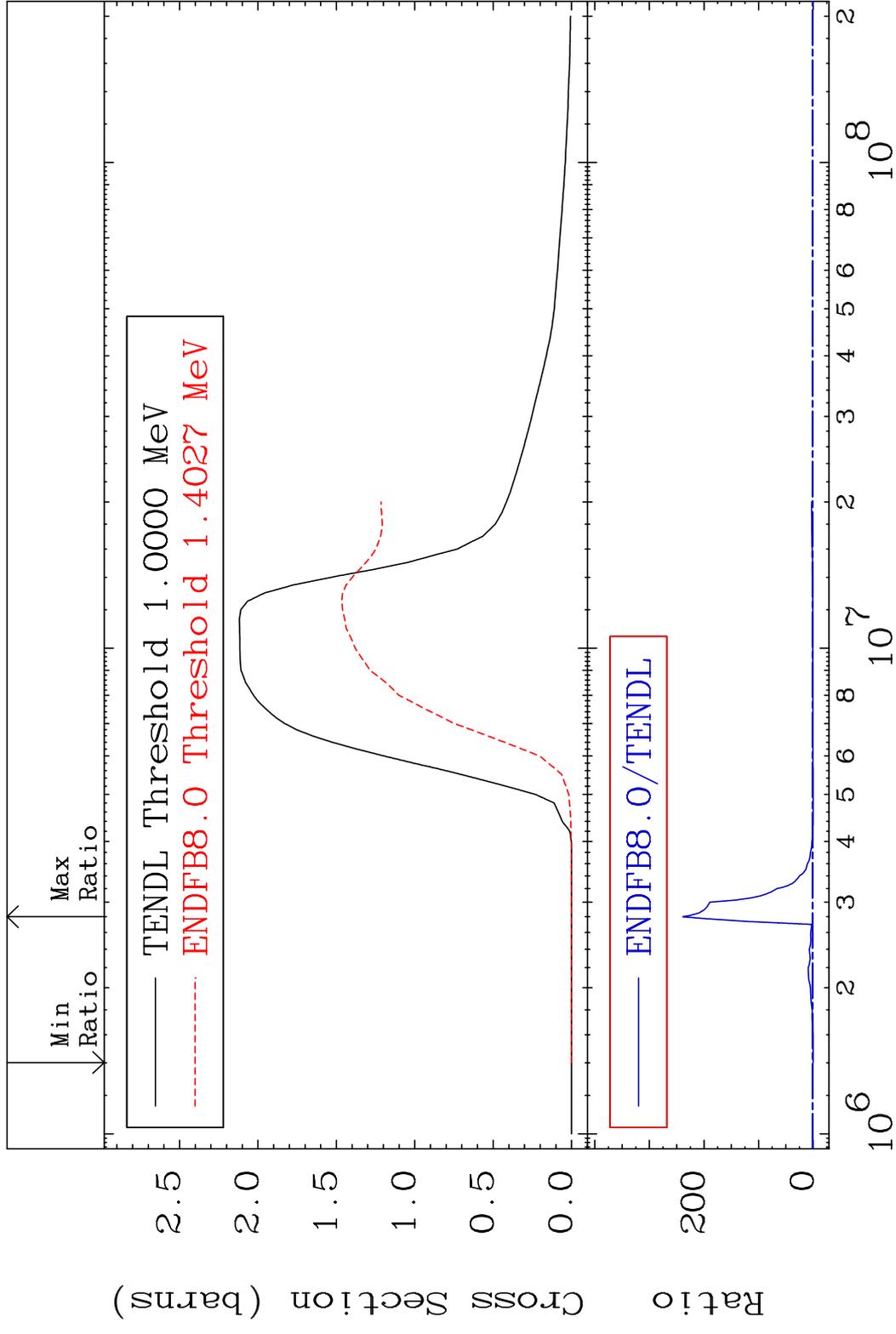


7 Incident Energy (eV) 96-Cm-246

MAT 9643

(n, nf) Second Chance 96-Cm-246

Cross Section -100.0 To 9999. %



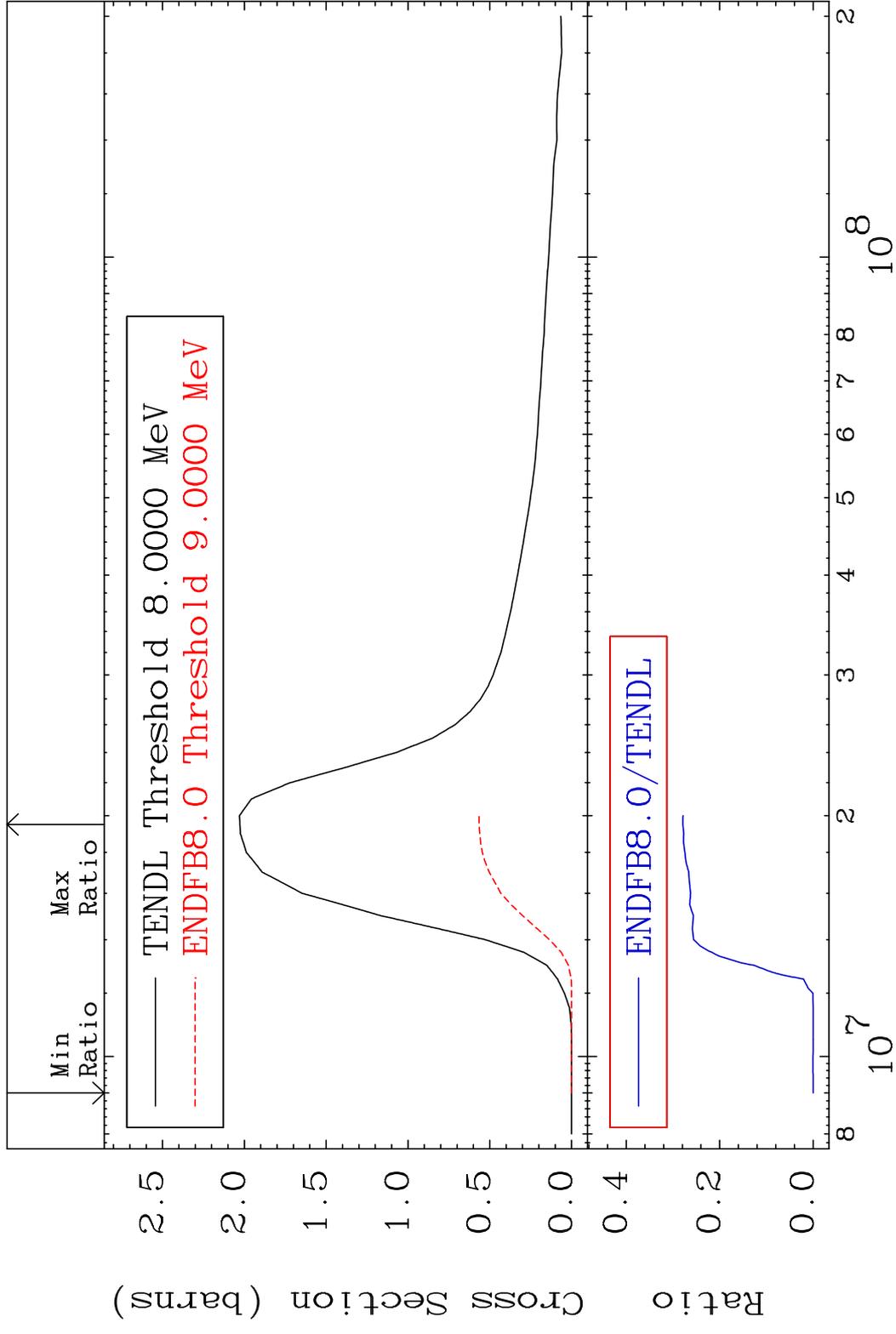
8 Incident Energy (eV) 96-Cm-246

MAT 9643

(n,2nf) Third Chance

96-Cm-246

Cross Section -100.0 To -72.11%

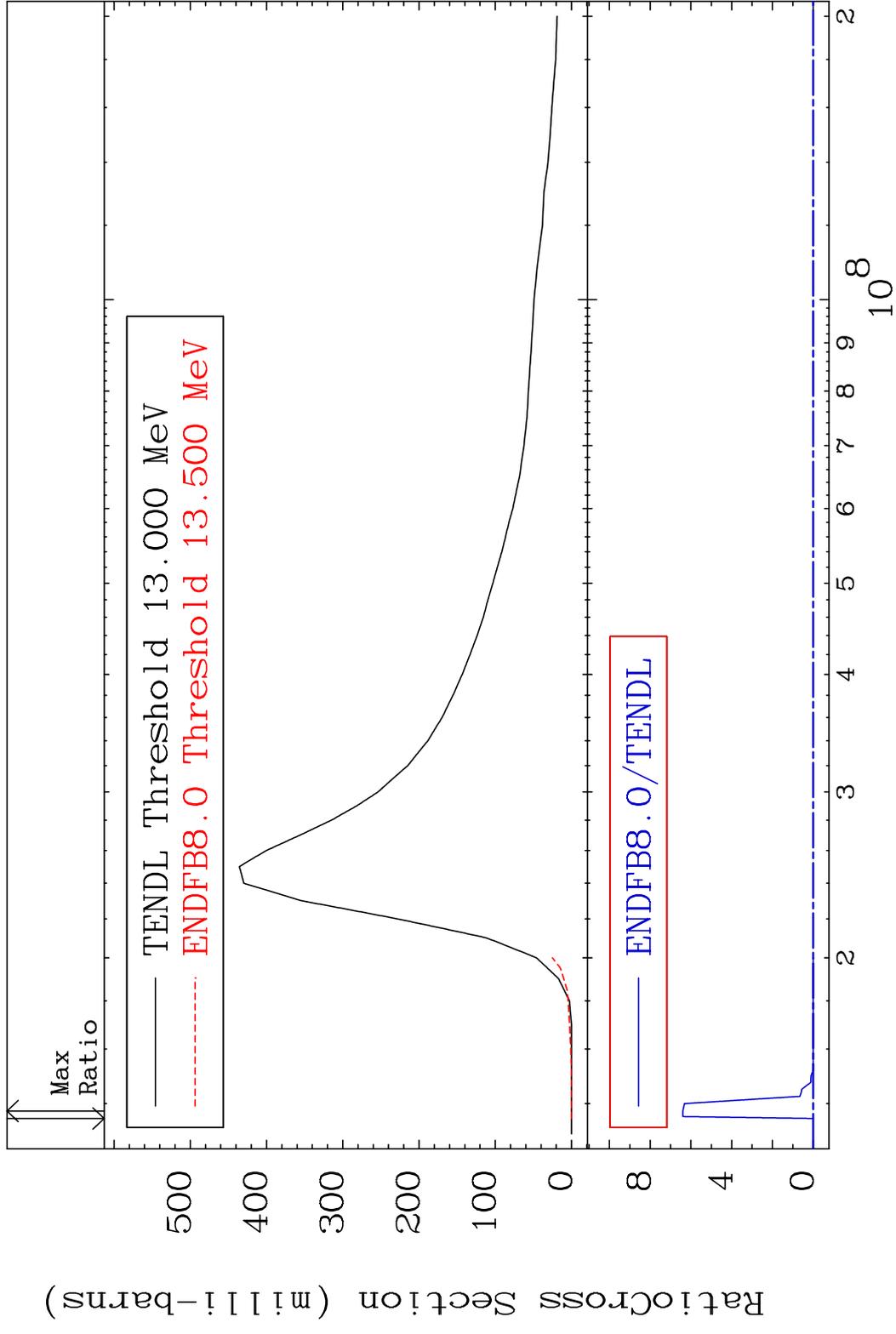


9

Incident Energy (eV)

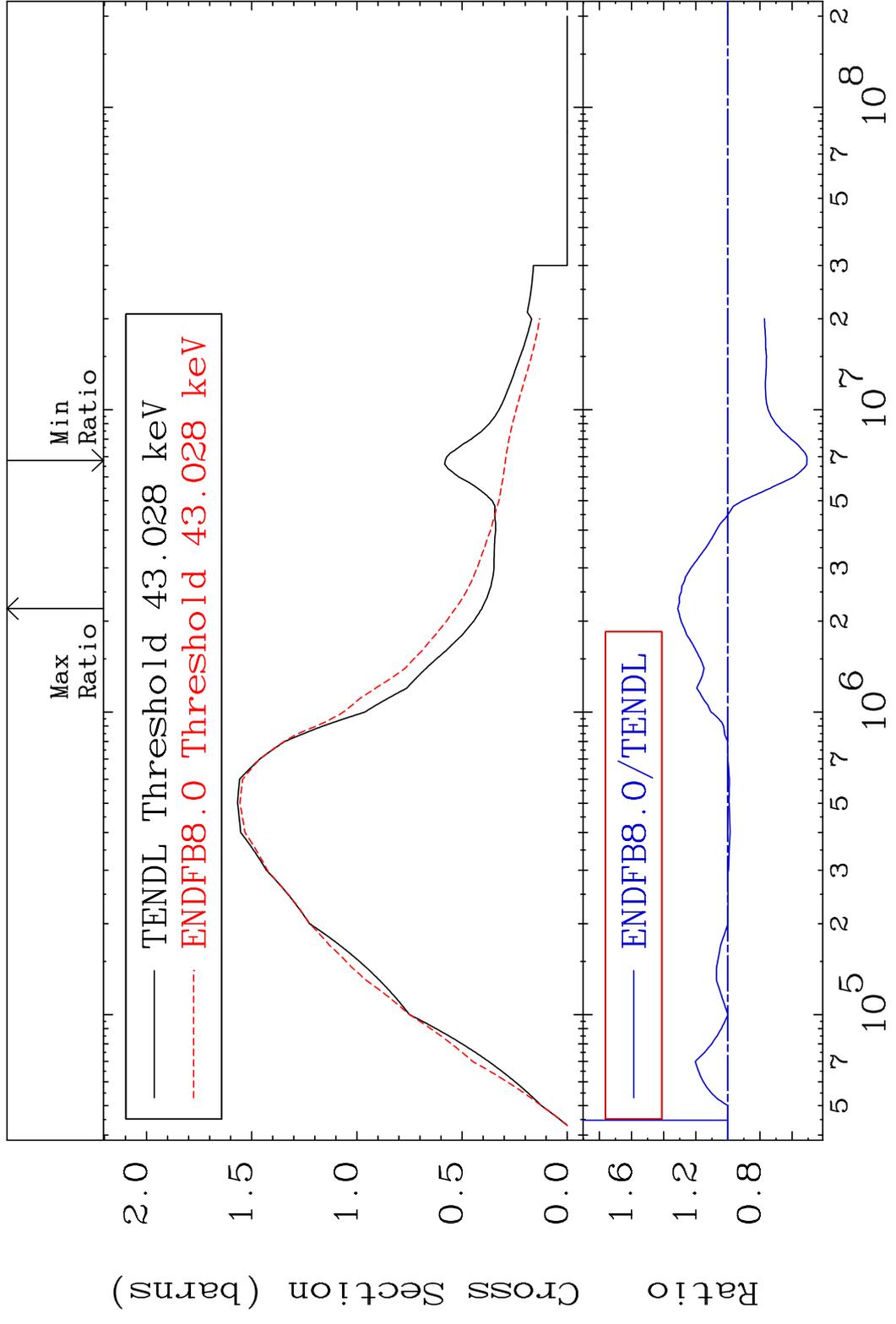
96-Cm-246

MAT 9643 (n,3nf) Fourth Chance 96-Cm-246
 Cross Section -100.0 To 9999. %

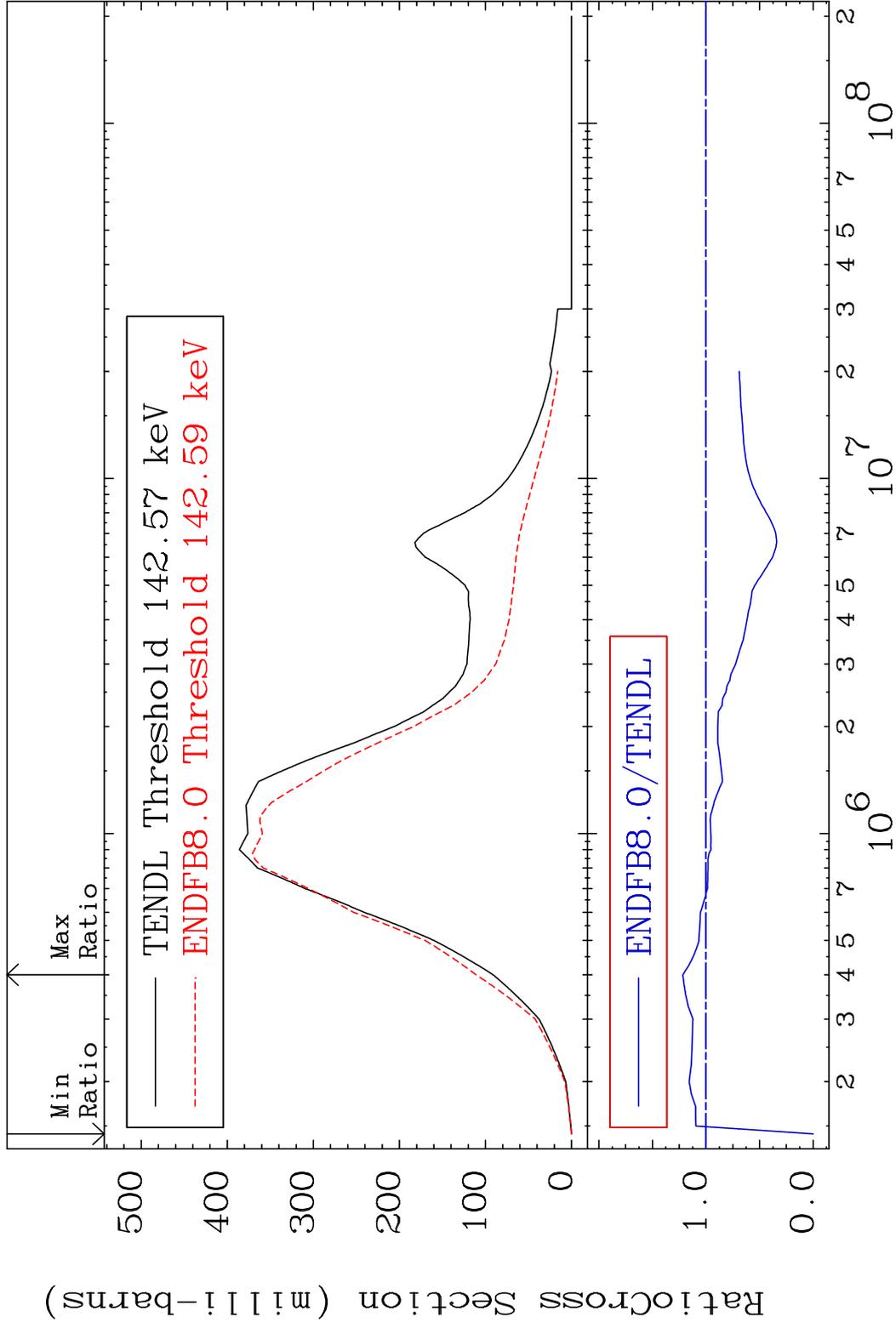


10 Incident Energy (eV) 96-Cm-246

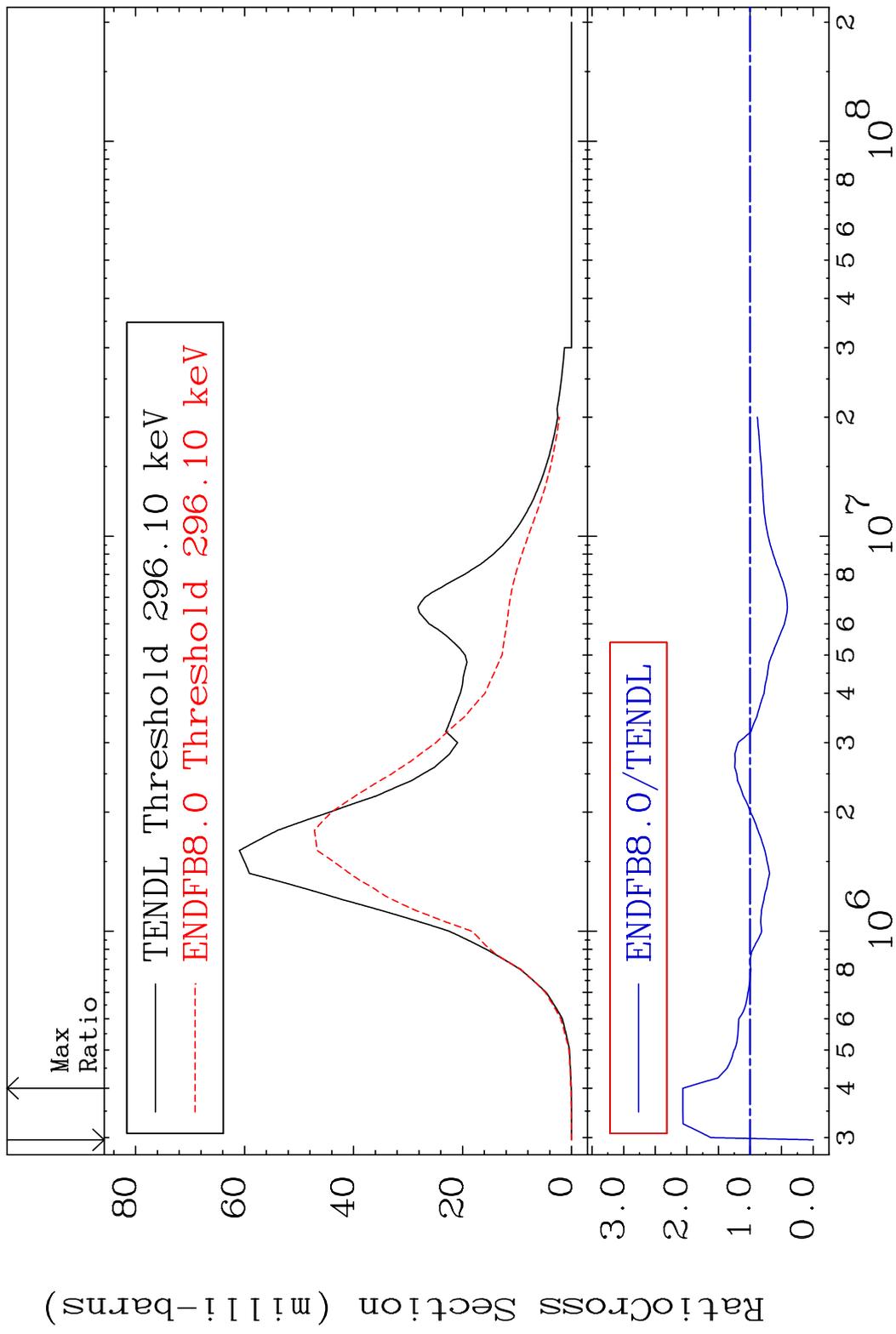
MAT 9643 MT= 51 (n, n') Level 96-Cm-246
 Cross Section -49.29 To 31.26 %



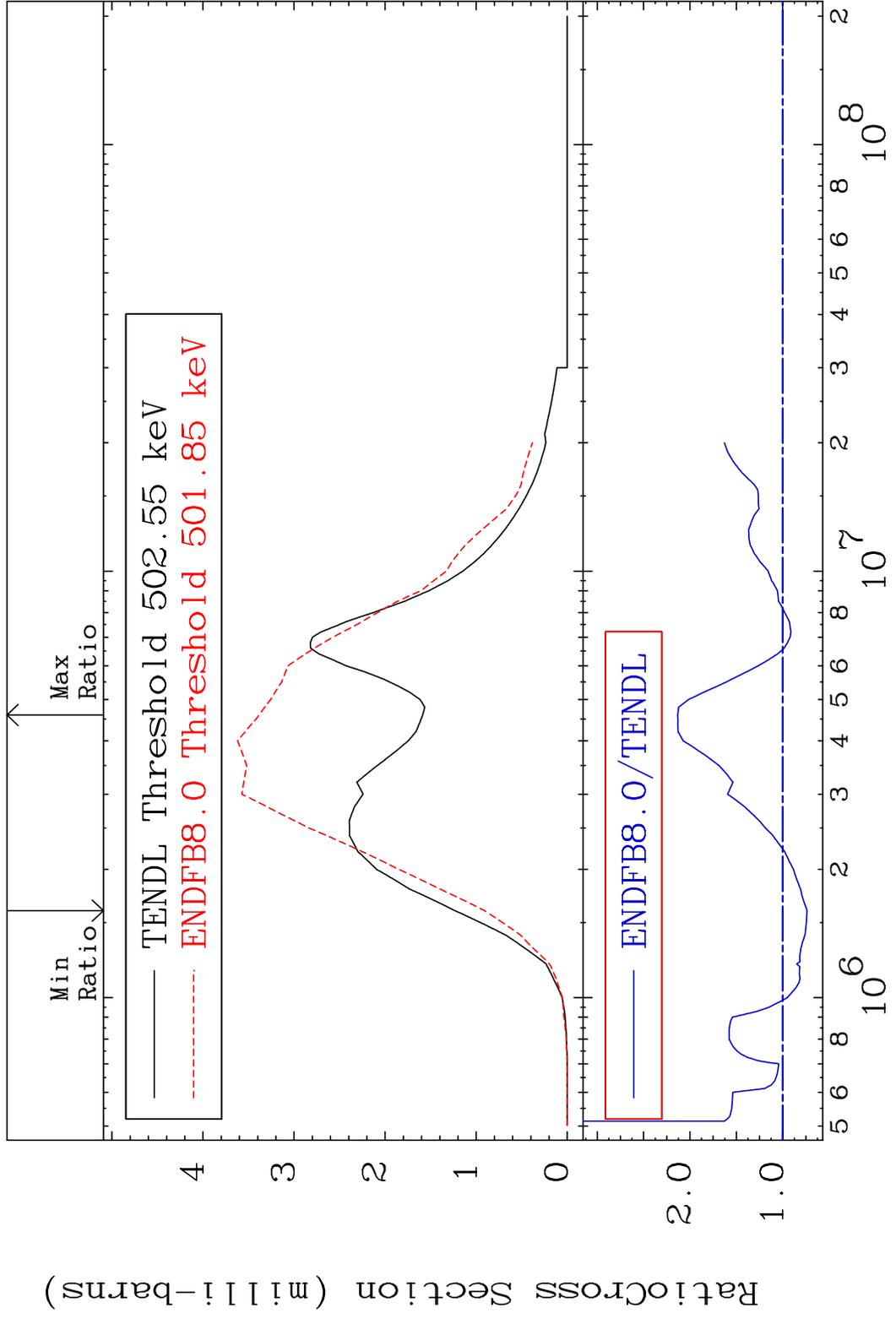
MAT 9643 MT= 52 (n, n') Level 96-Cm-246
 Cross Section -100.0 To 21.62 %



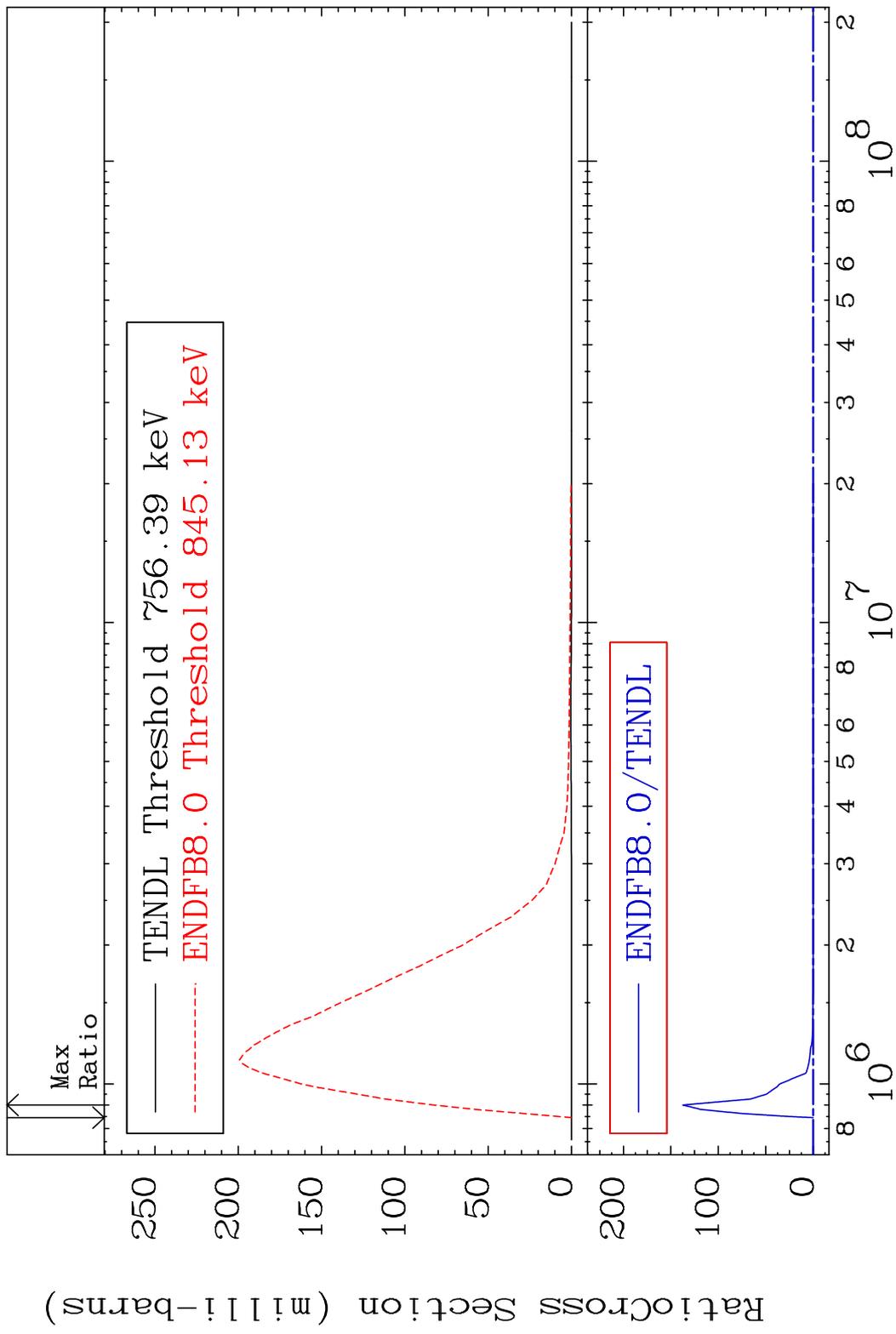
MAT 9643 MT= 53 (n, n') Level 96-Cm-246
 Cross Section -100.0 To 106.3 %



MAT 9643 MT= 54 (n,n') Level 96-Cm-246
 Cross Section -26.25 To 113.2 %

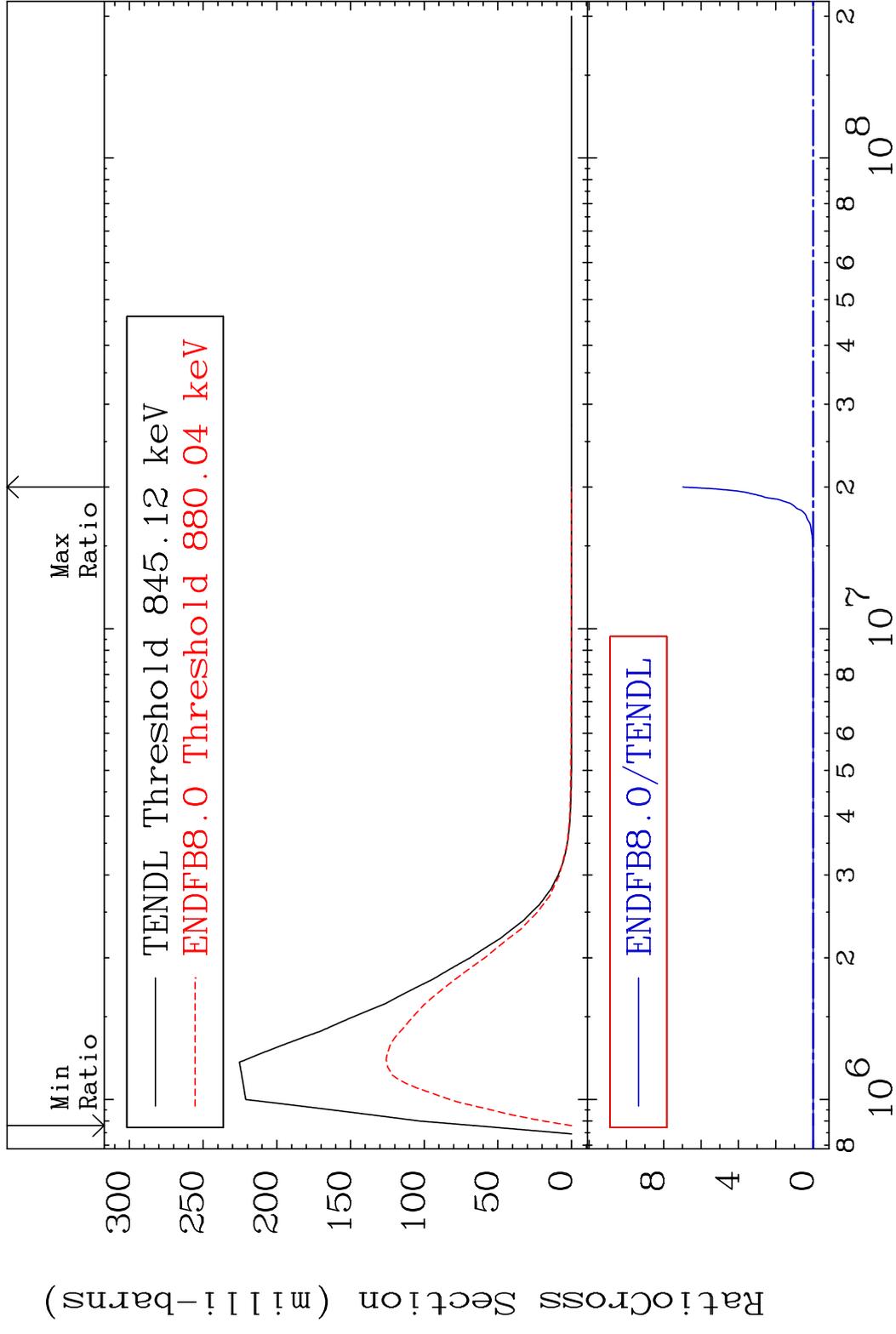


MAT 9643 MT= 55 (n,n') Level 96-Cm-246
 Cross Section -100.0 To 9999. %



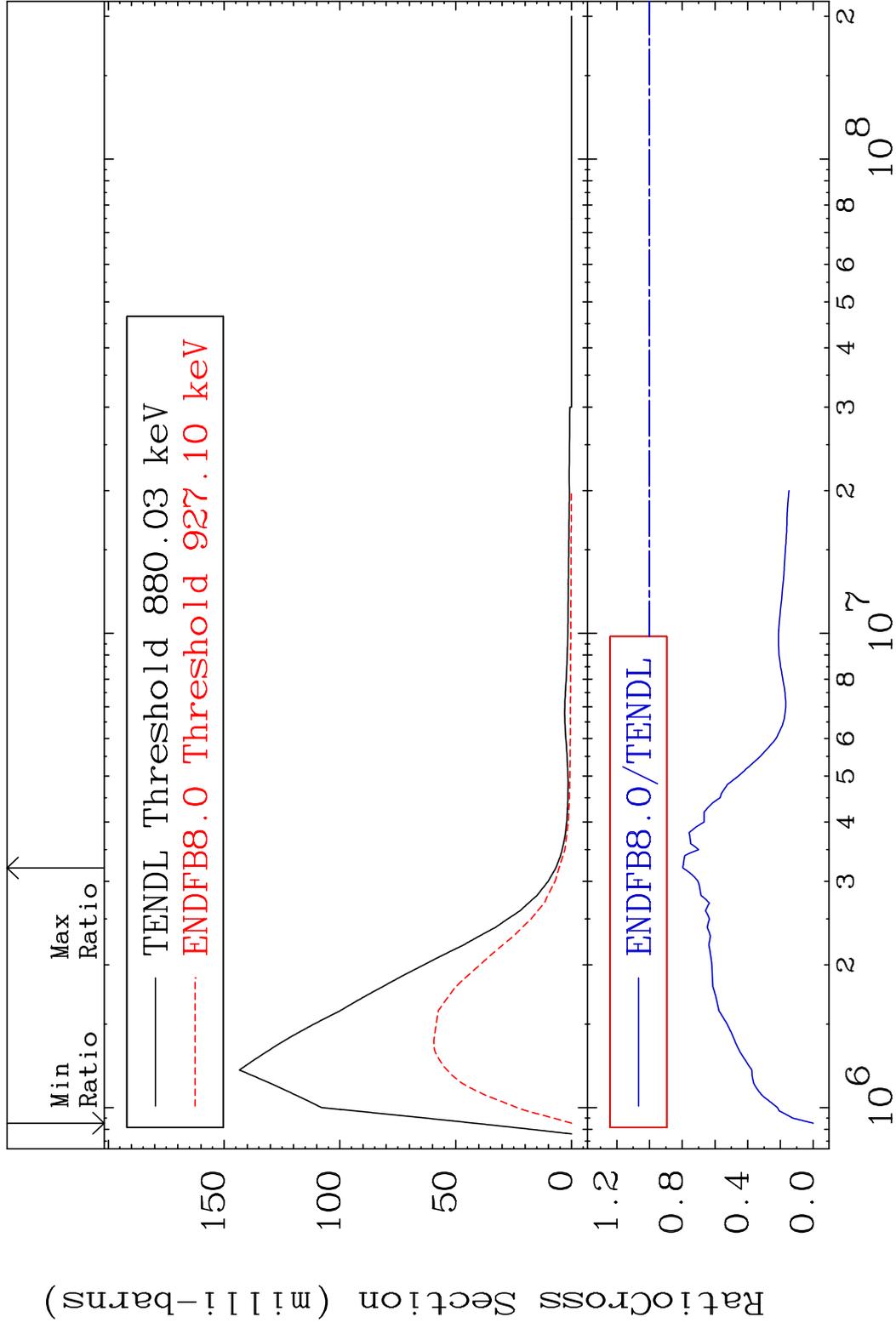
15 Incident Energy (eV) 96-Cm-246

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



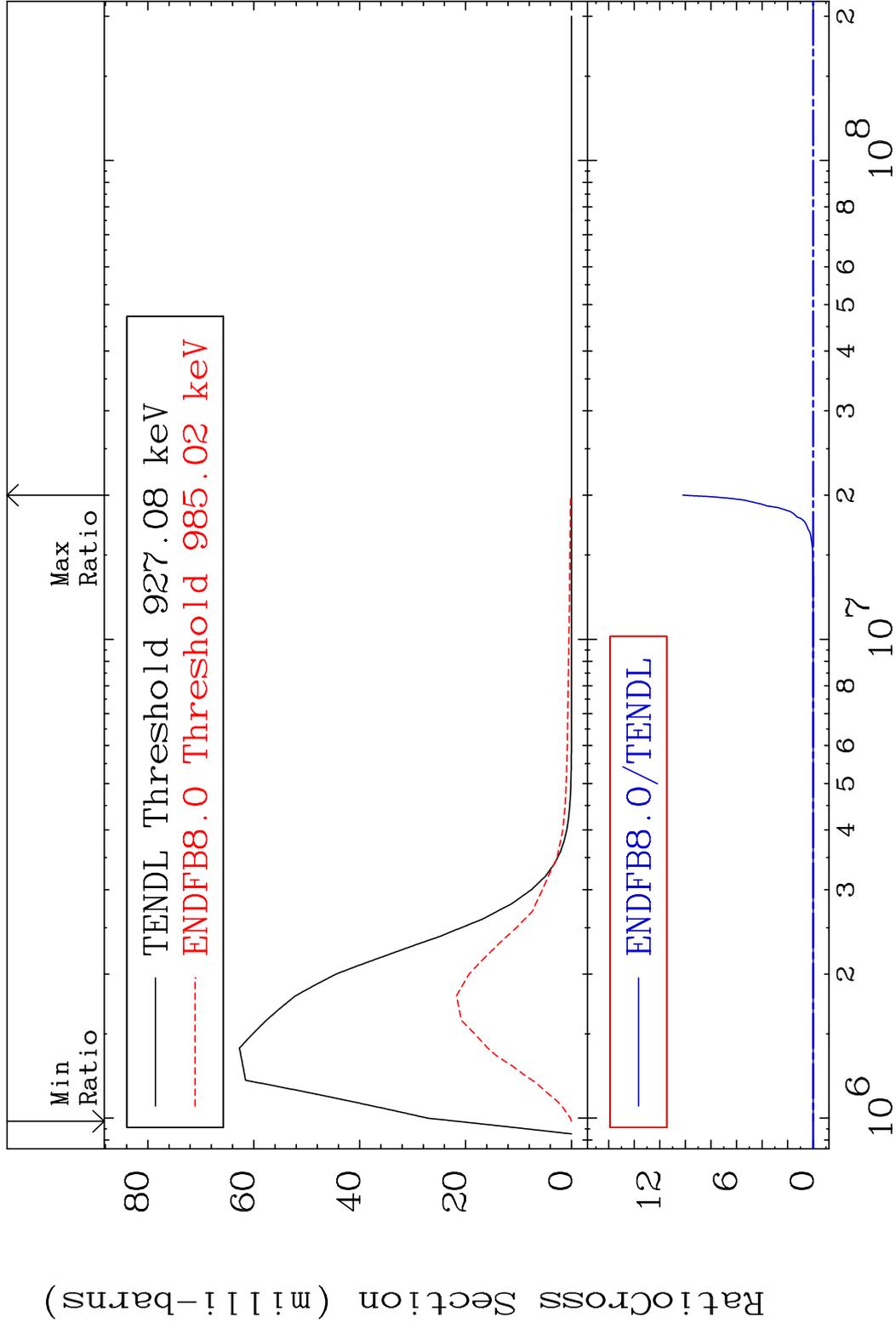
16 Incident Energy (eV) 96-Cm-246

MAT 9643 MT= 57 (n,n') Level 96-Cm-246
 Cross Section -100.0 To -20.34%



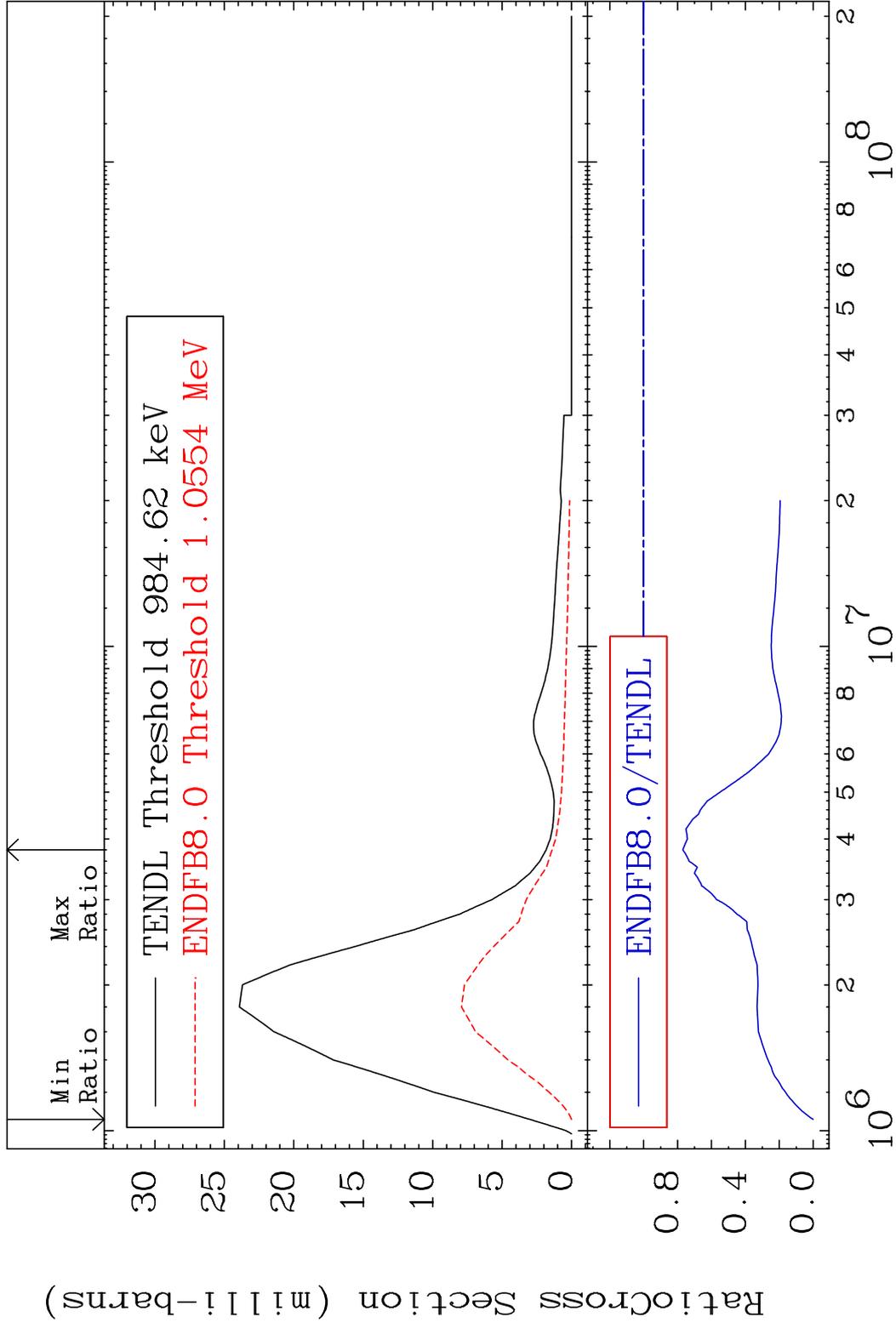
17 Incident Energy (eV) 96-Cm-246

MAT 9643 MT= 58 (n, n') Level 96-Cm-246
 Cross Section -100.0 To 9999. %



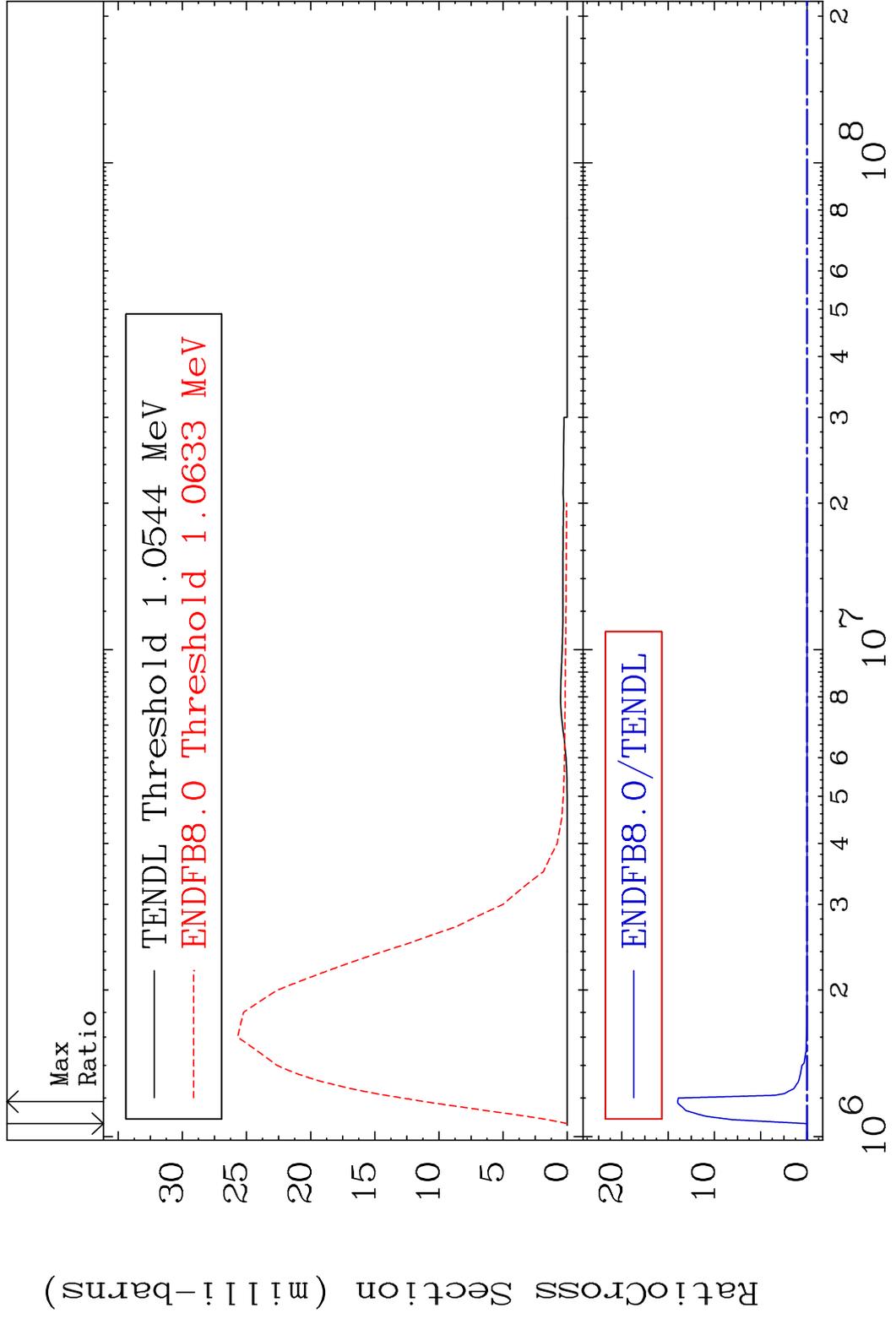
18 Incident Energy (eV) 96-Cm-246

MAT 9643 MT= 59 (n, n') Level 96-Cm-246
 Cross Section -100.0 To -23.10%



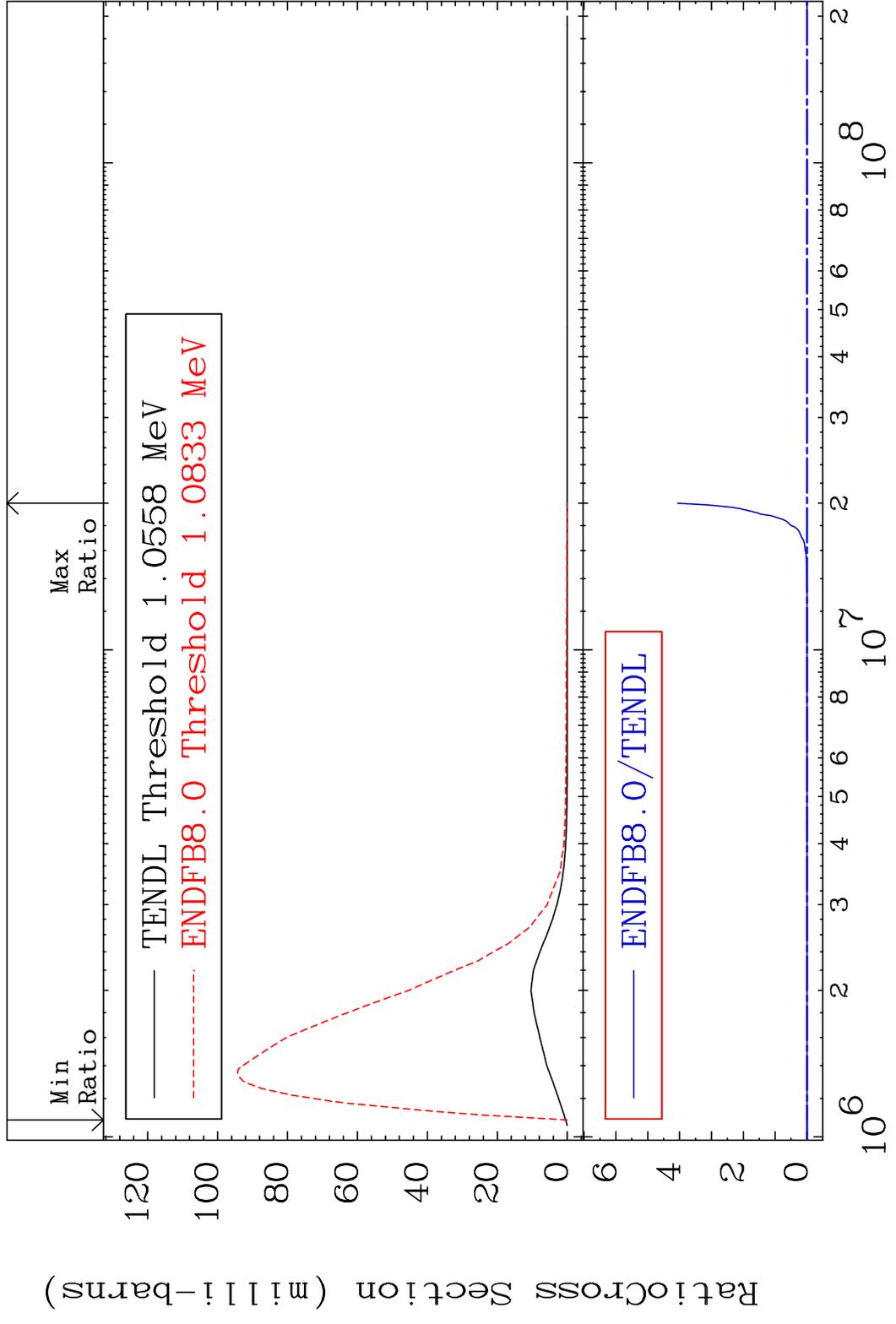
19 96-Cm-246

MAT 9643 MT= 60 (n,n') Level 96-Cm-246
 Cross Section -100.0 To 9999. %



20 10 0 20 30 25 20 15 10 5 0 20 10 0 10⁶ 10⁷ 10⁸ 2 3 4 5 6 8 96-Cm-246

MAT 9643 MT= 61 (n, n') Level 96-Cm-246
 Cross Section -100.0 To 9999. %

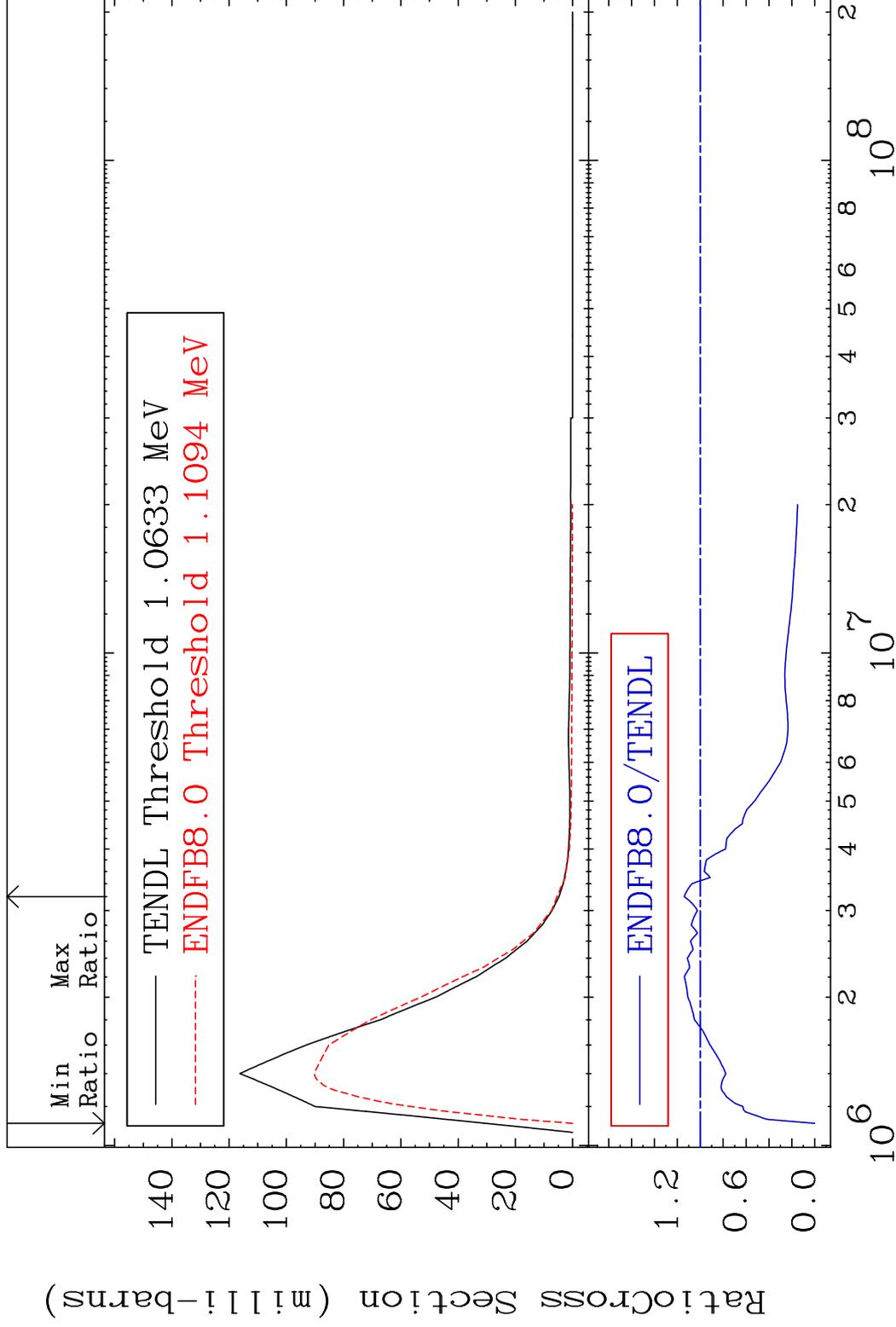


MAT 9643

MT= 62 (n, n') Level

96-Cm-246

Cross Section -100.0 To 14.10 %

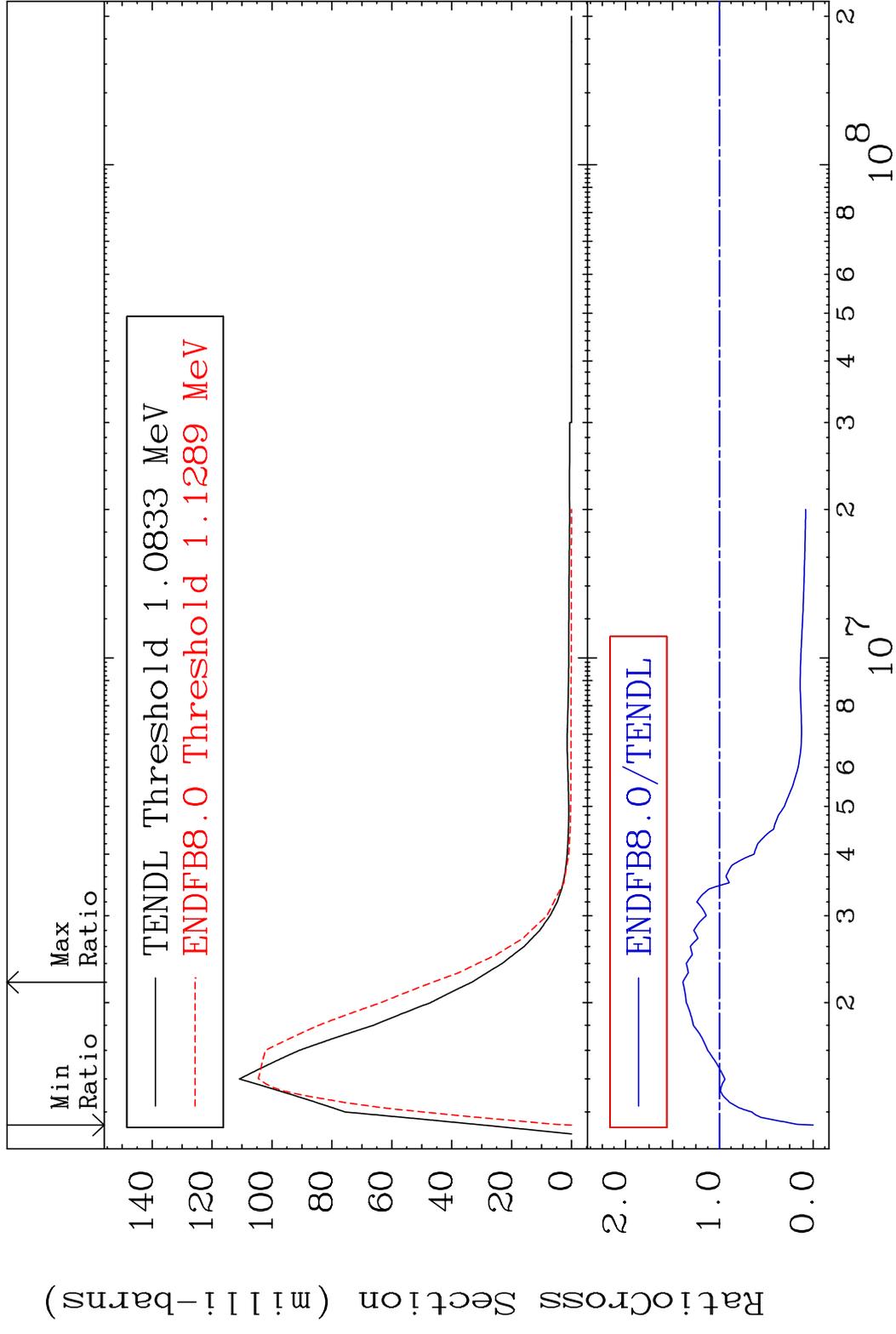


22

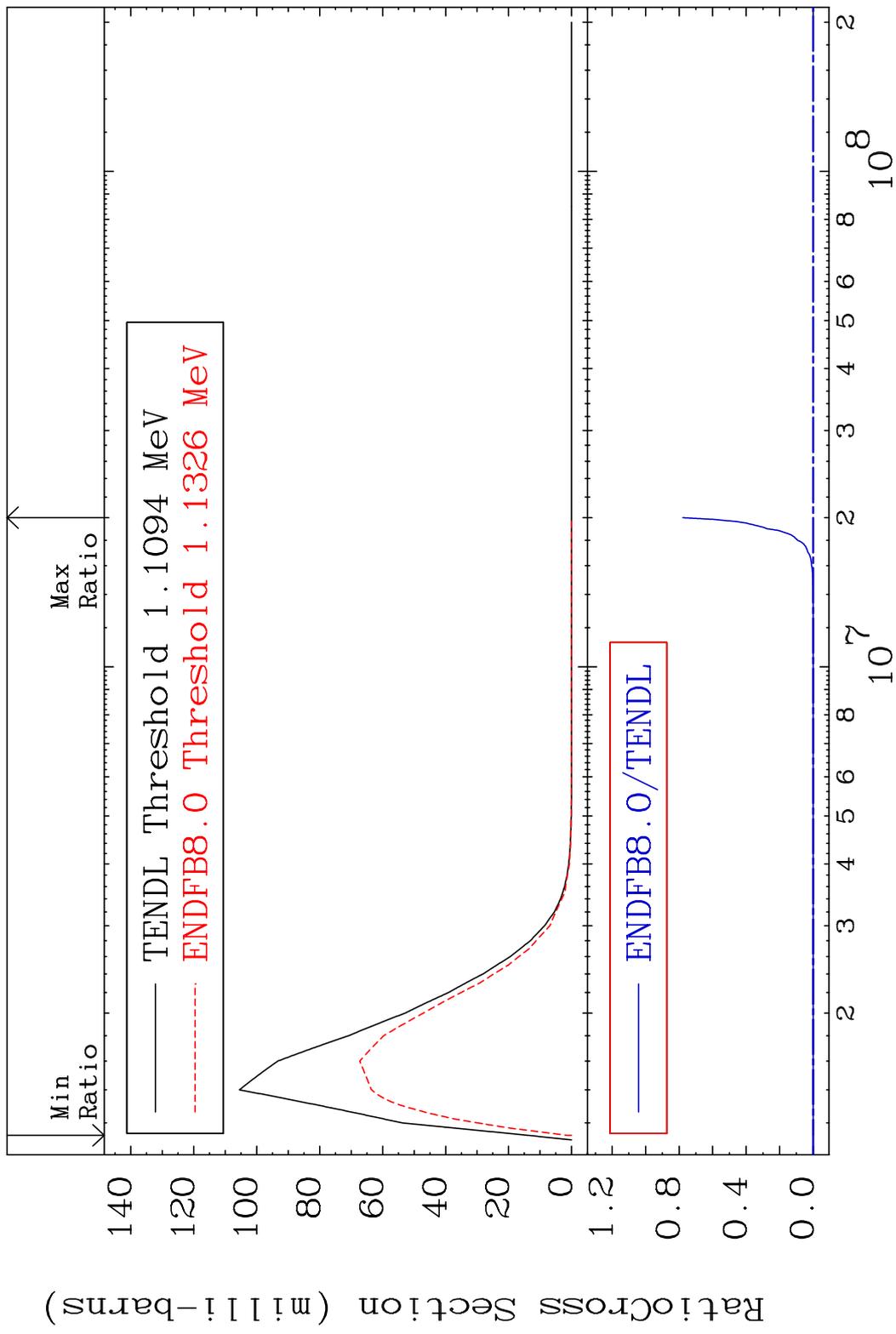
Incident Energy (eV)

96-Cm-246

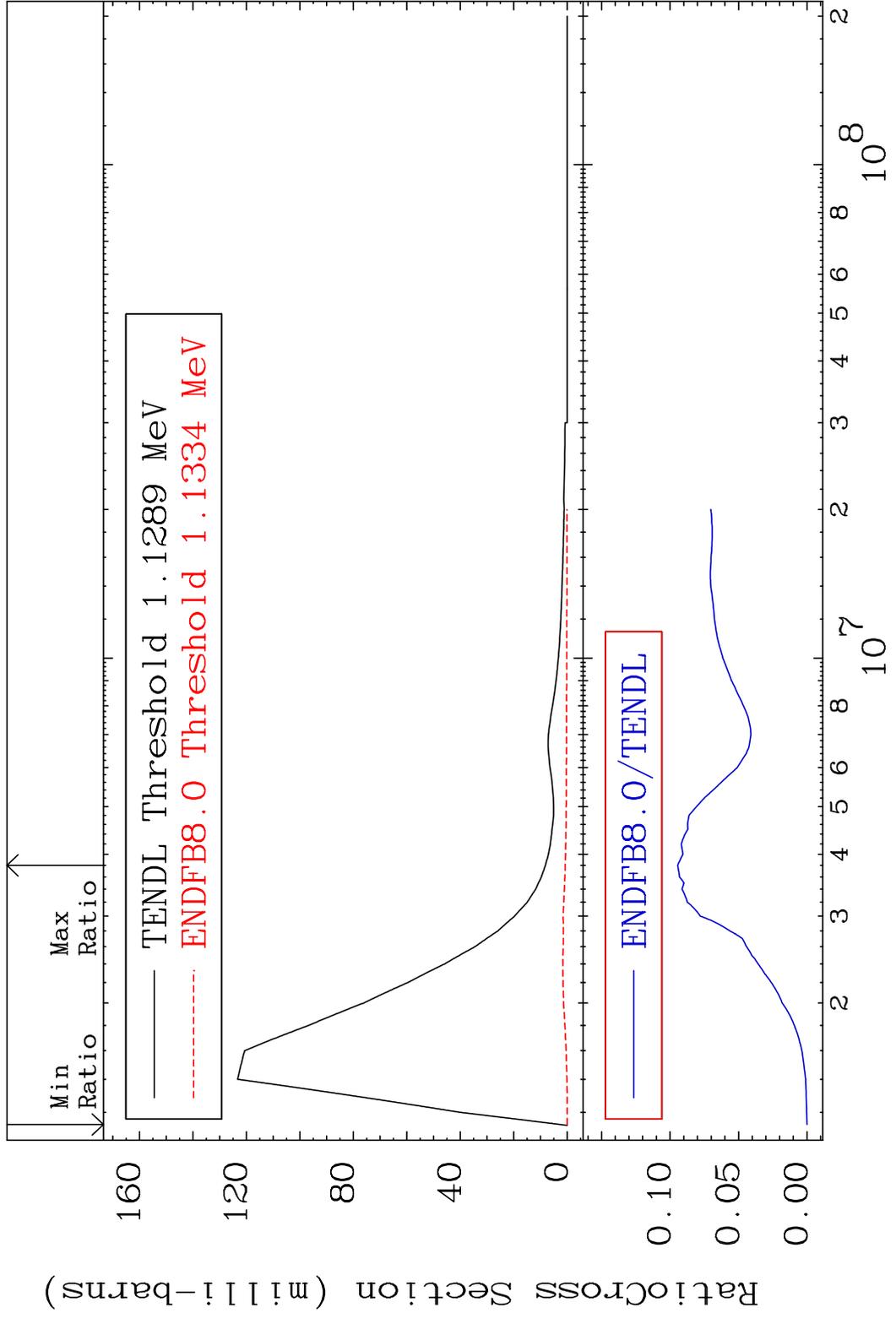
MAT 9643 MT= 63 (n, n') Level 96-Cm-246
 Cross Section -100.0 To 39.03 %



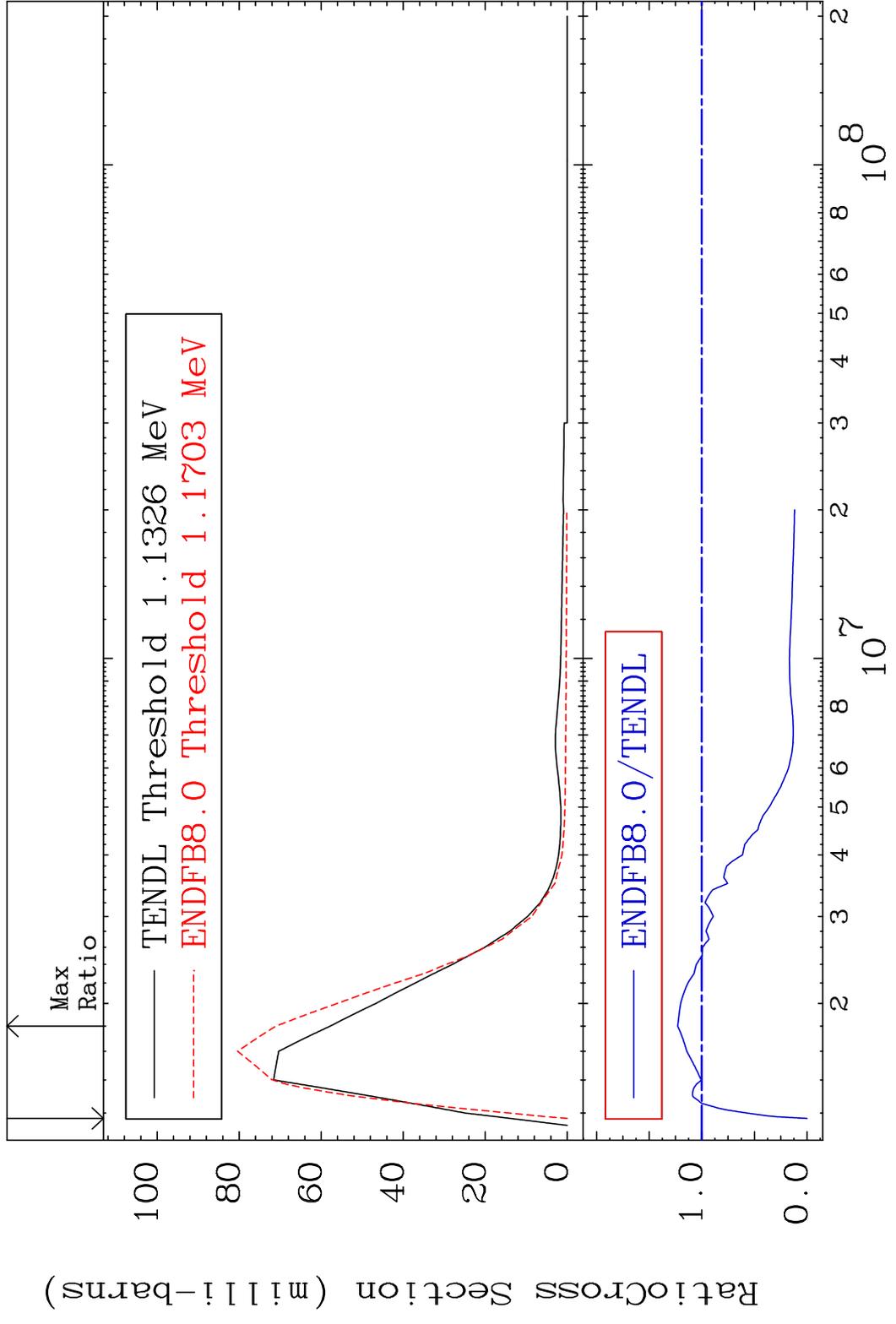
MAT 9643 MT= 64 (n, n') Level 96-Cm-246
 Cross Section -100.0 To 9999. %



MAT 9643 MT= 65 (n, n') Level 96-Cm-246
 Cross Section -100.0 To -90.56%



MAT 9643 MT= 66 (n, n') Level 96-Cm-246
 Cross Section -100.0 To 22.94 %

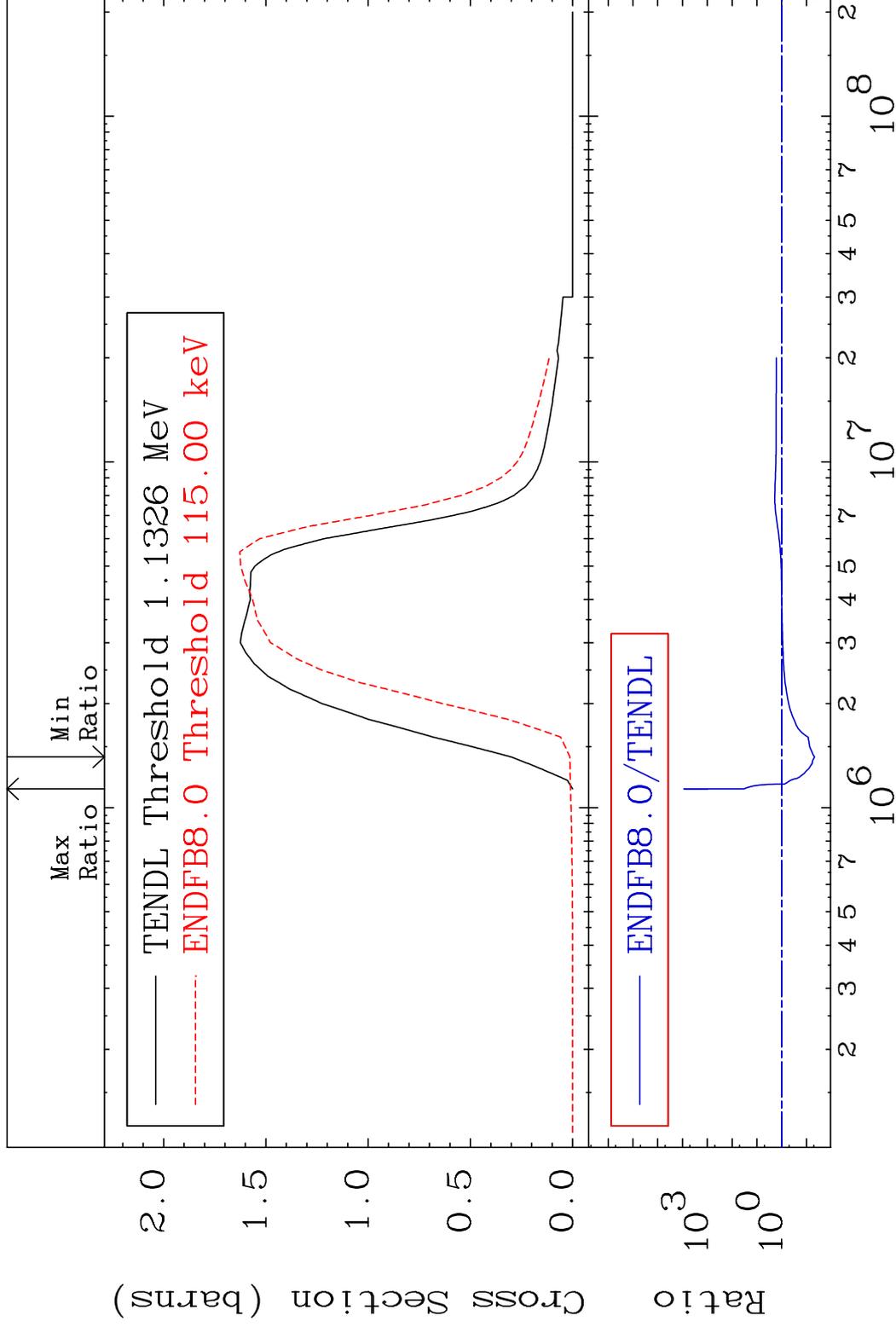


MAT 9643

(n, n') Continuum

96-Cm-246

Cross Section -95.36 To 9999. %

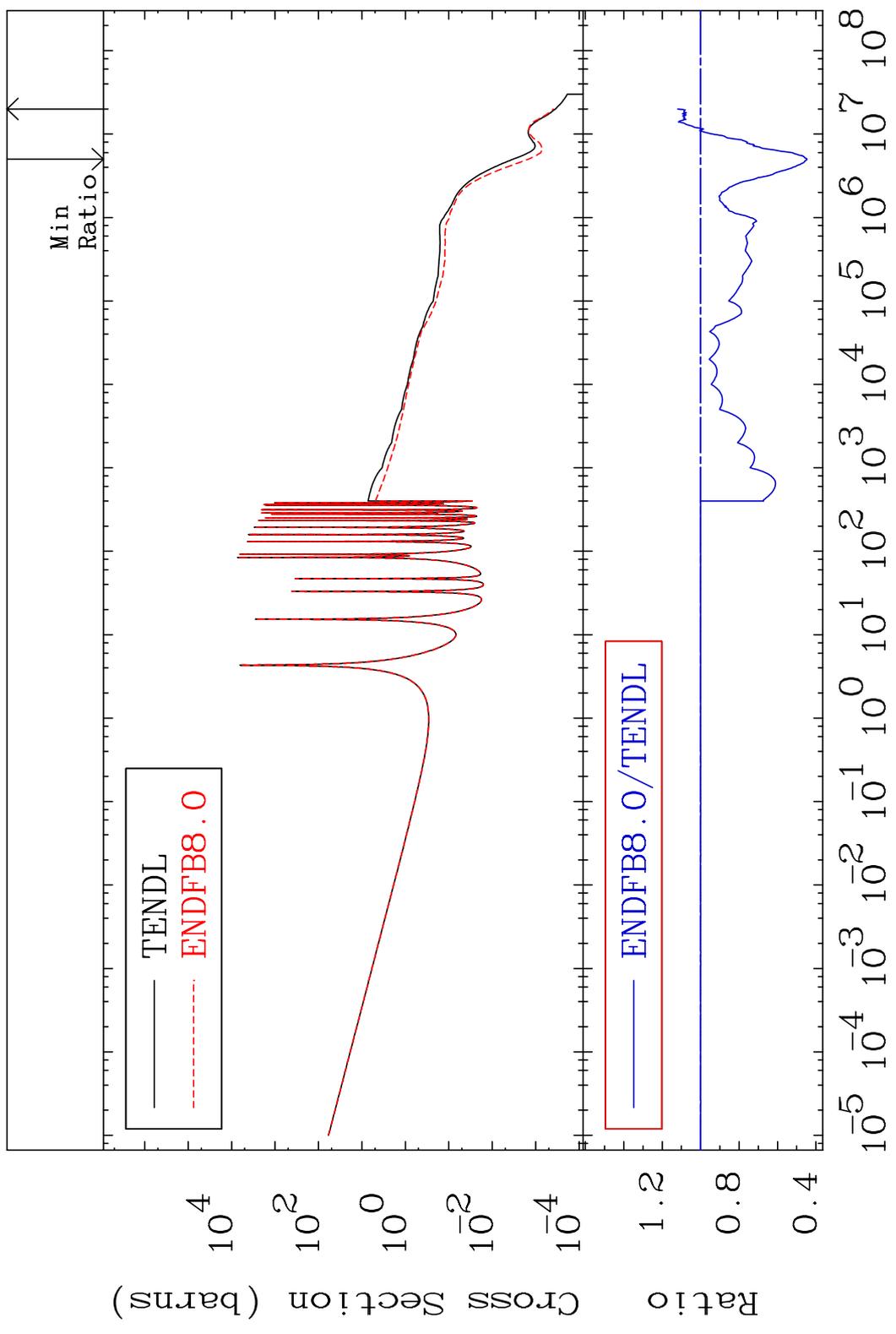


MAT 9643

(n, γ)

96-Cm-246

Cross Section -55.34 To 11.95 %

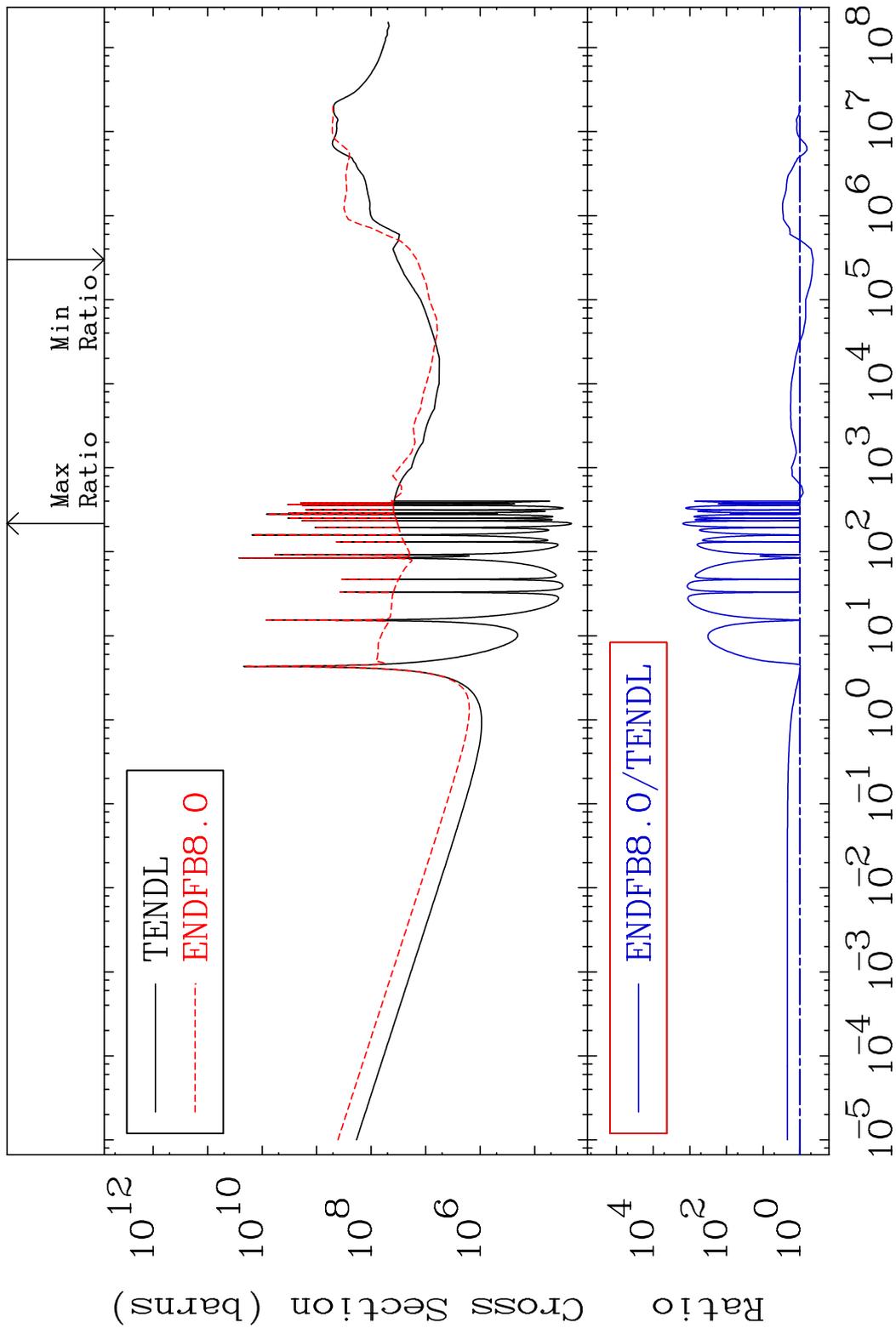


28

Incident Energy (eV)

96-Cm-246

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



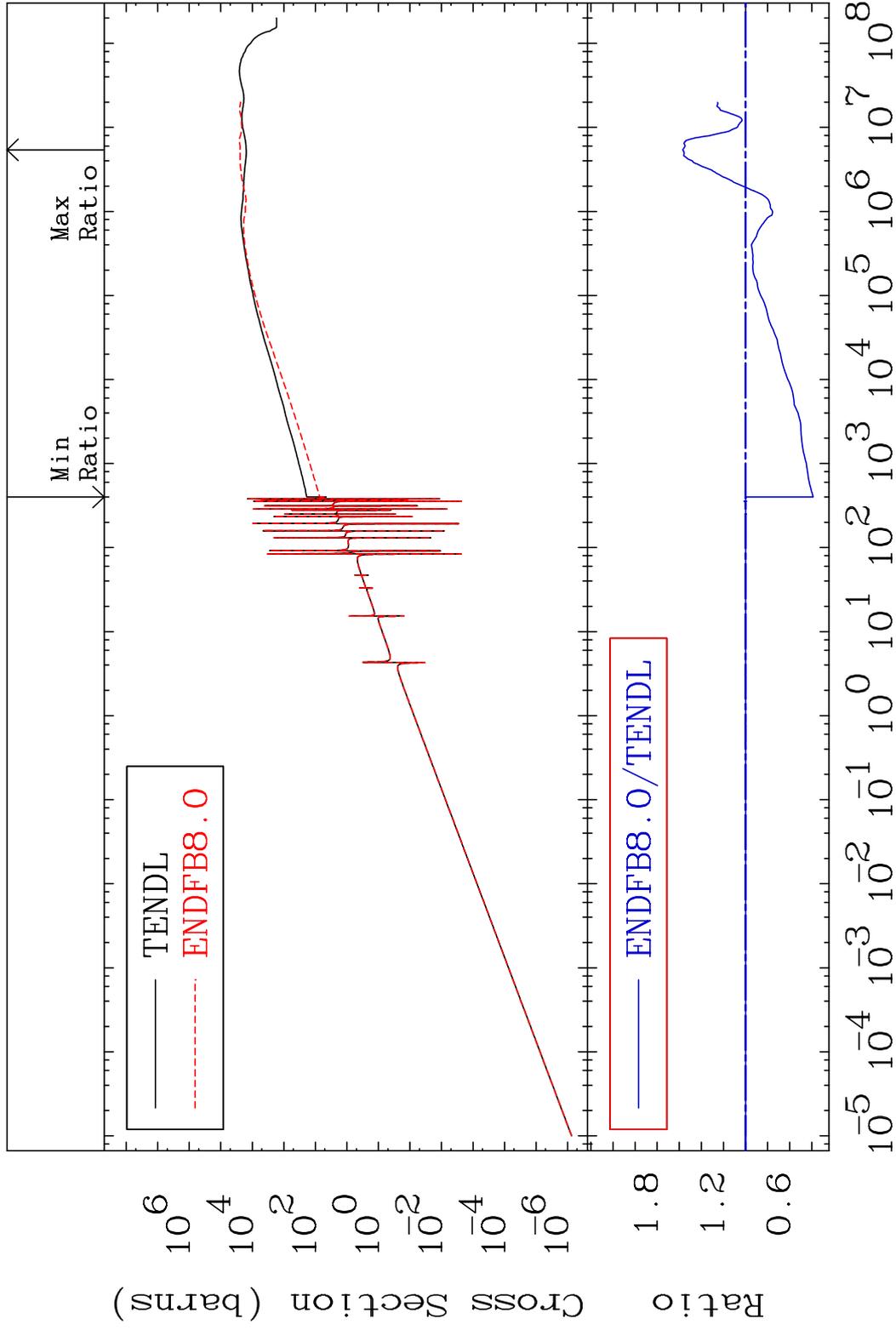
29 Incident Energy (eV) 96-Cm-246

MAT 9643

Kerma elastic
Cross Section

96-Cm-246

-61.22 To 56.75 %

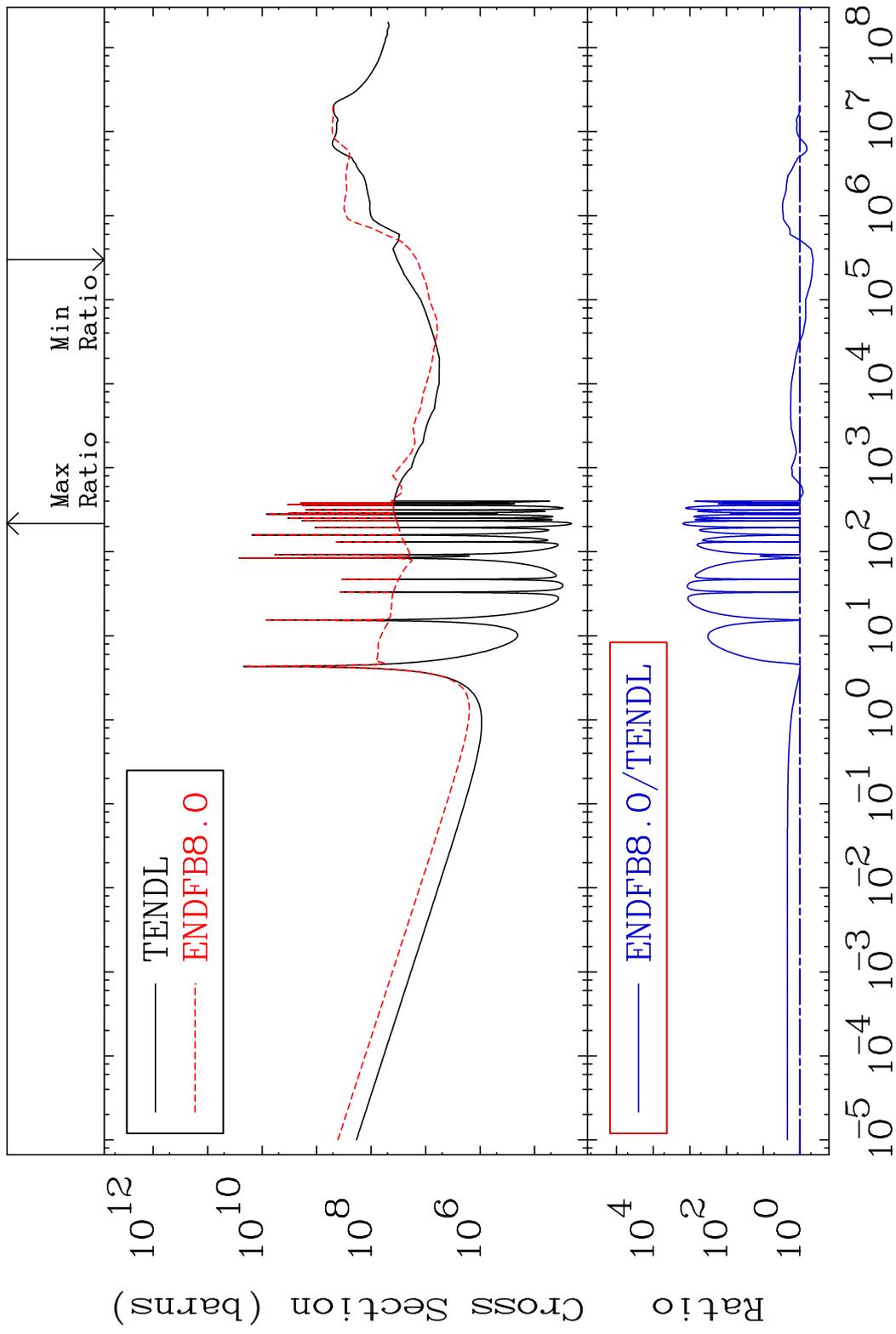


30

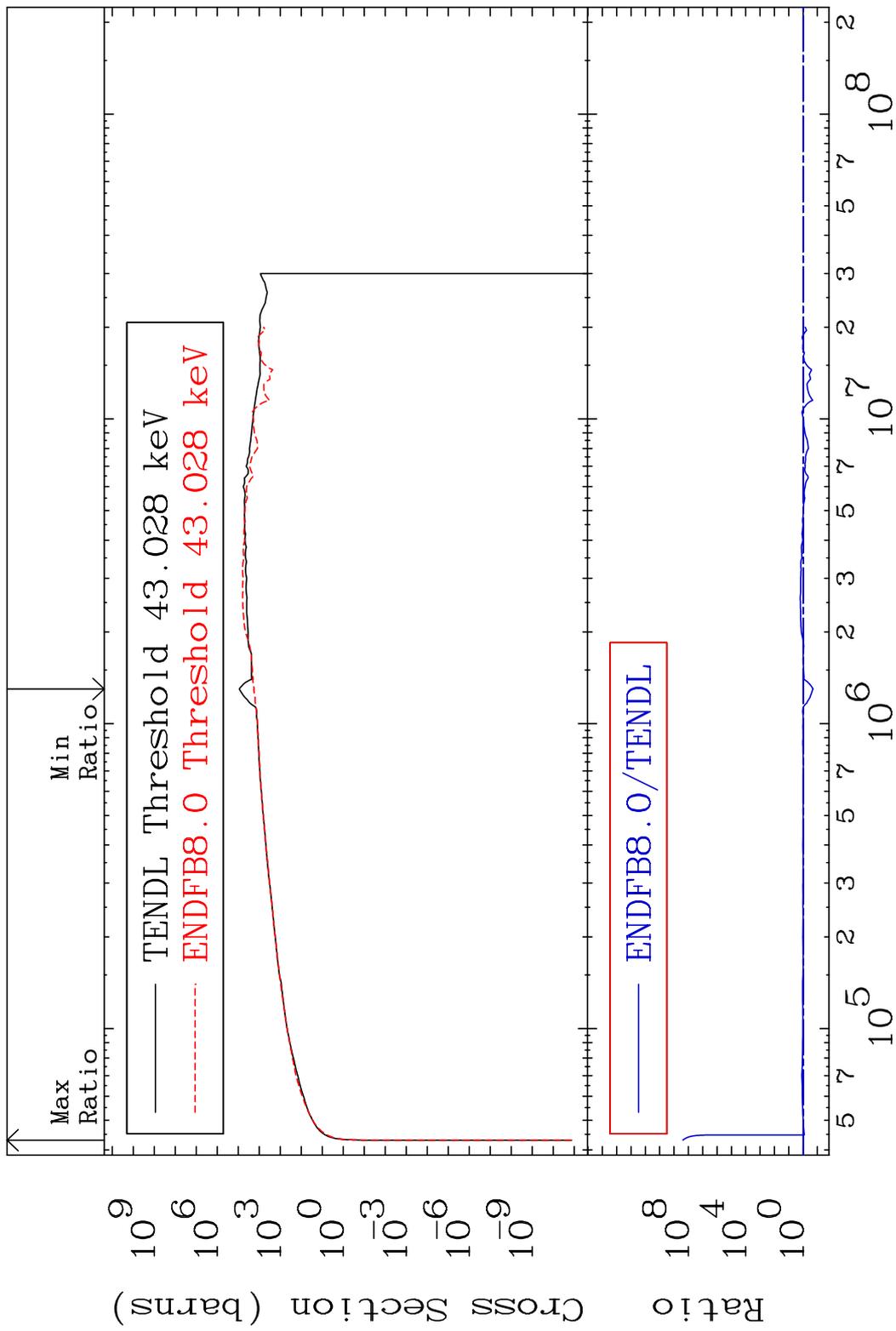
Incident Energy (eV)

96-Cm-246

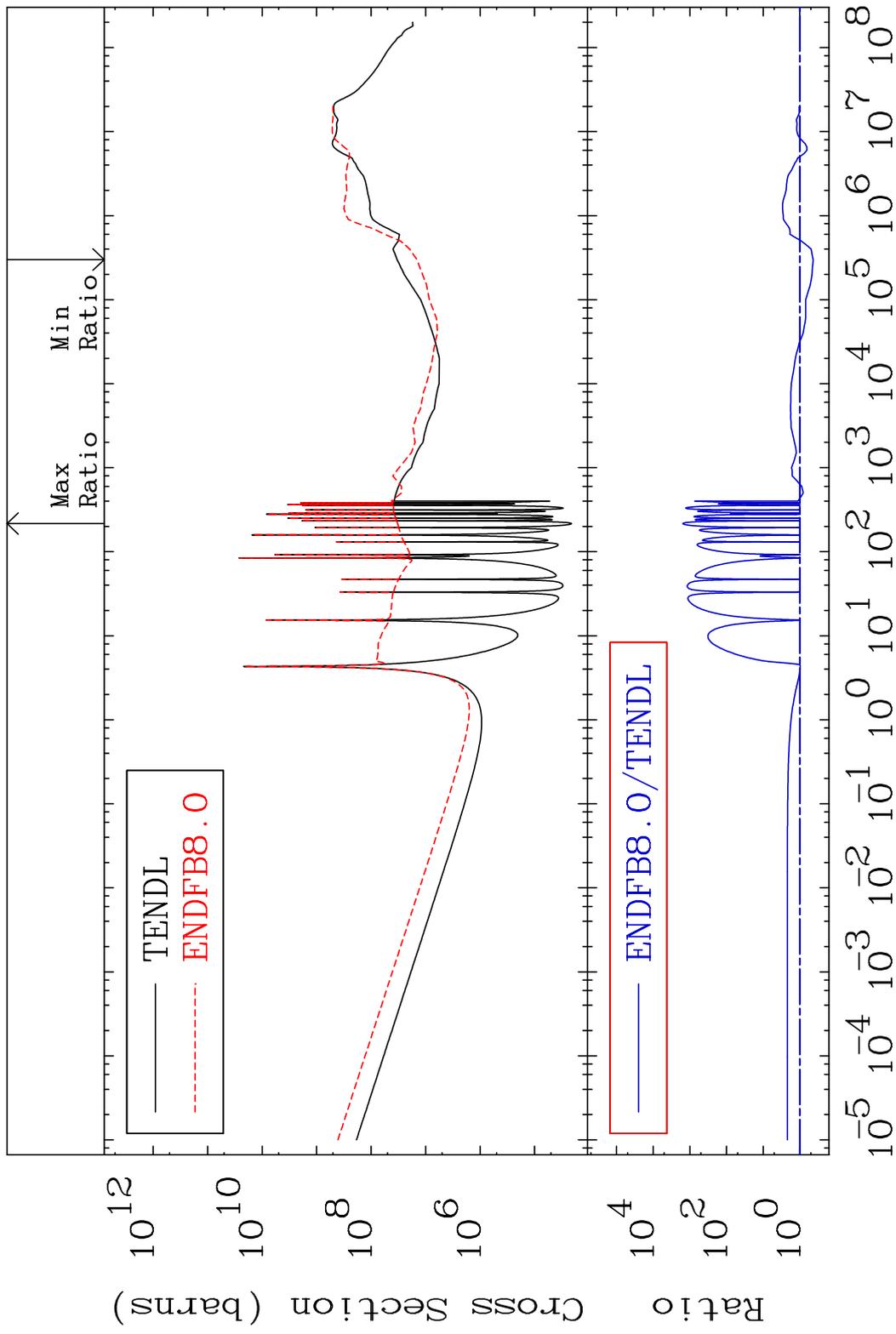
MAT 9643 Kerma non-elastic (all but mt2) 96-Cm-246
 Cross Section -56.72 To 9999. %



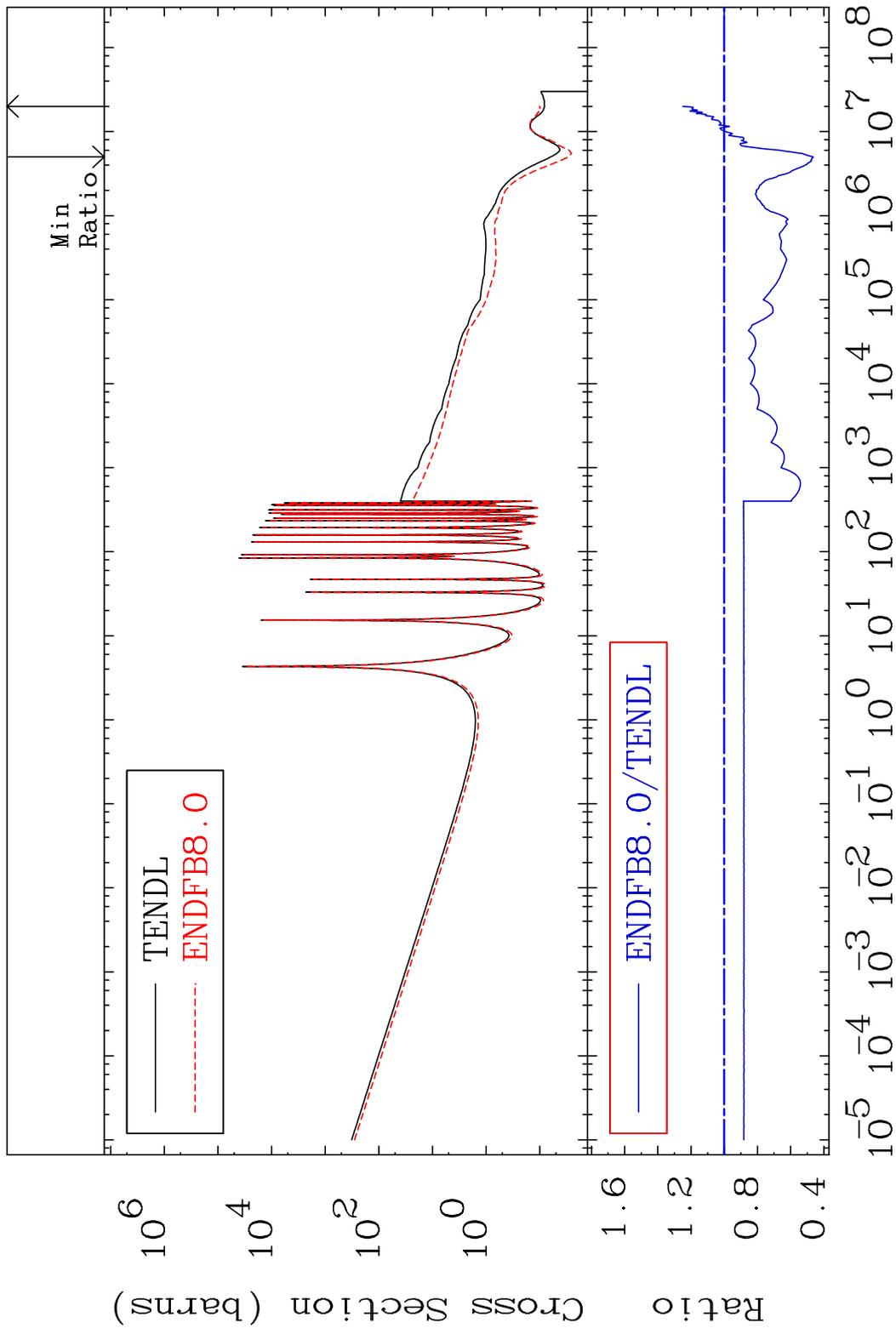
MAT 9643 Kerma inelastic (mt51-91) 96-Cm-246
 Cross Section -80.24 To 9999. %



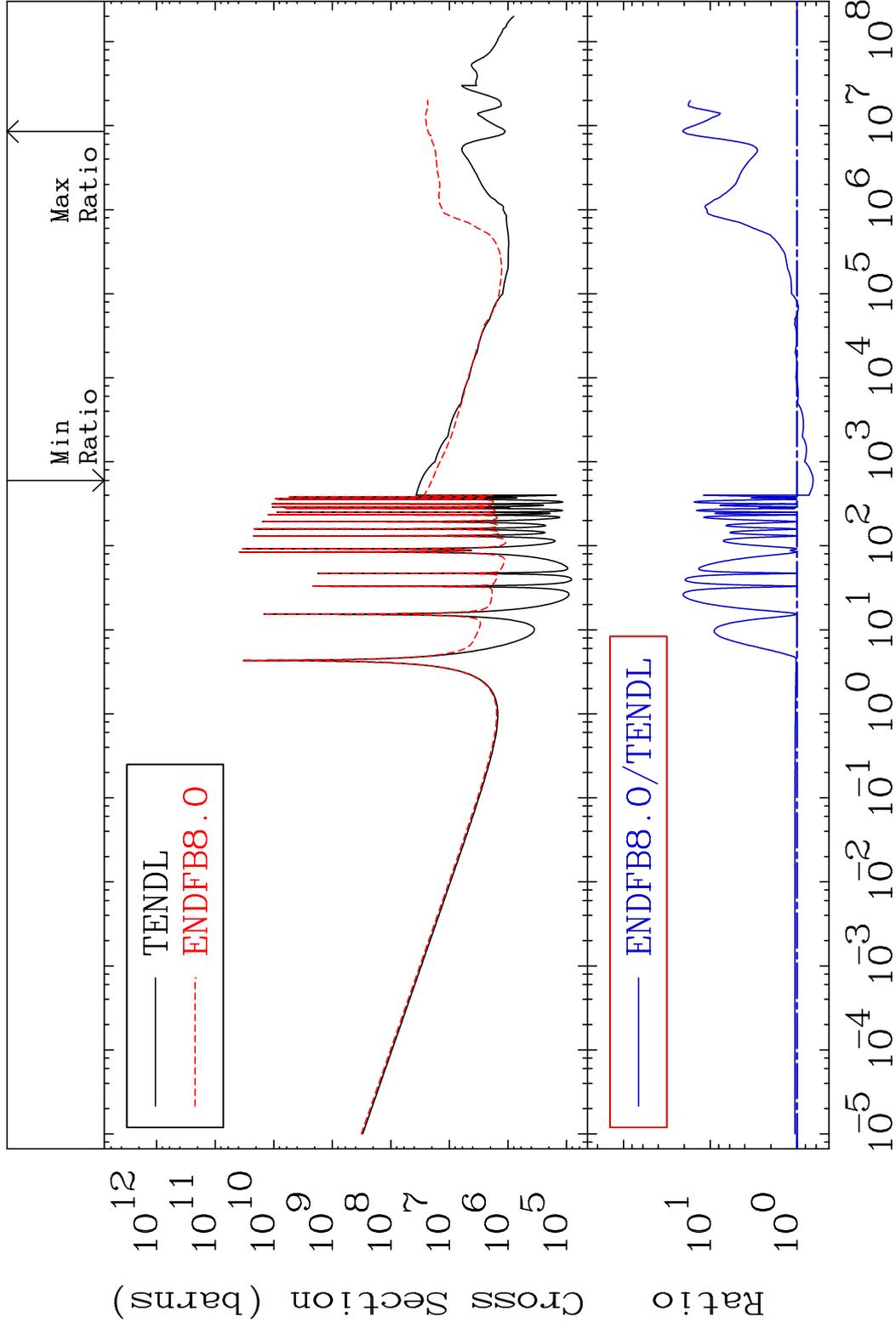
MAT 9643 Kerma fission (mt18 or mt19-20-21-38) 96-Cm-246
 Cross Section -56.73 To 9999. %



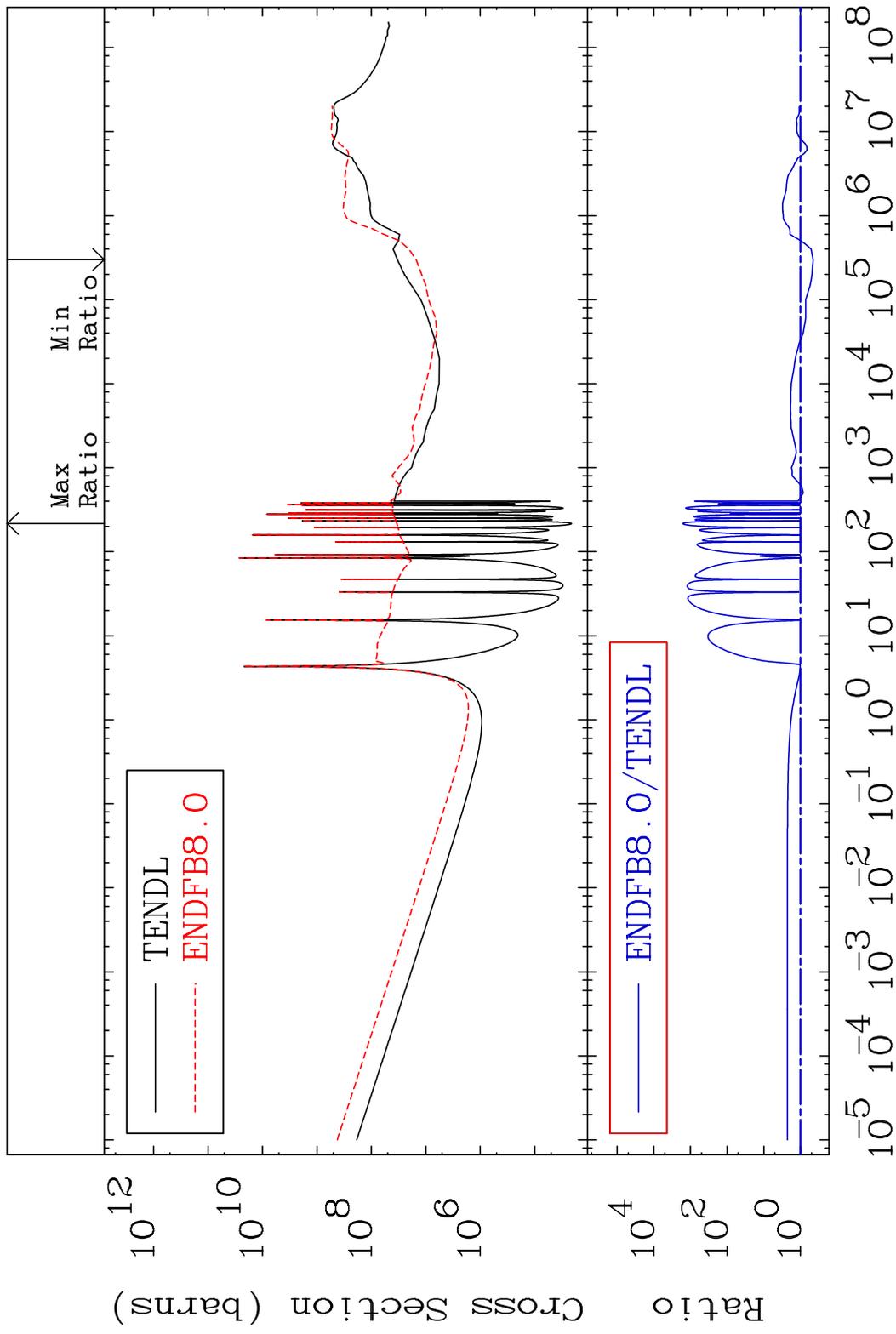
MAT 9643 Kerma capture (mt102) 96-Cm-246
 Cross Section -53.57 To 24.96 %



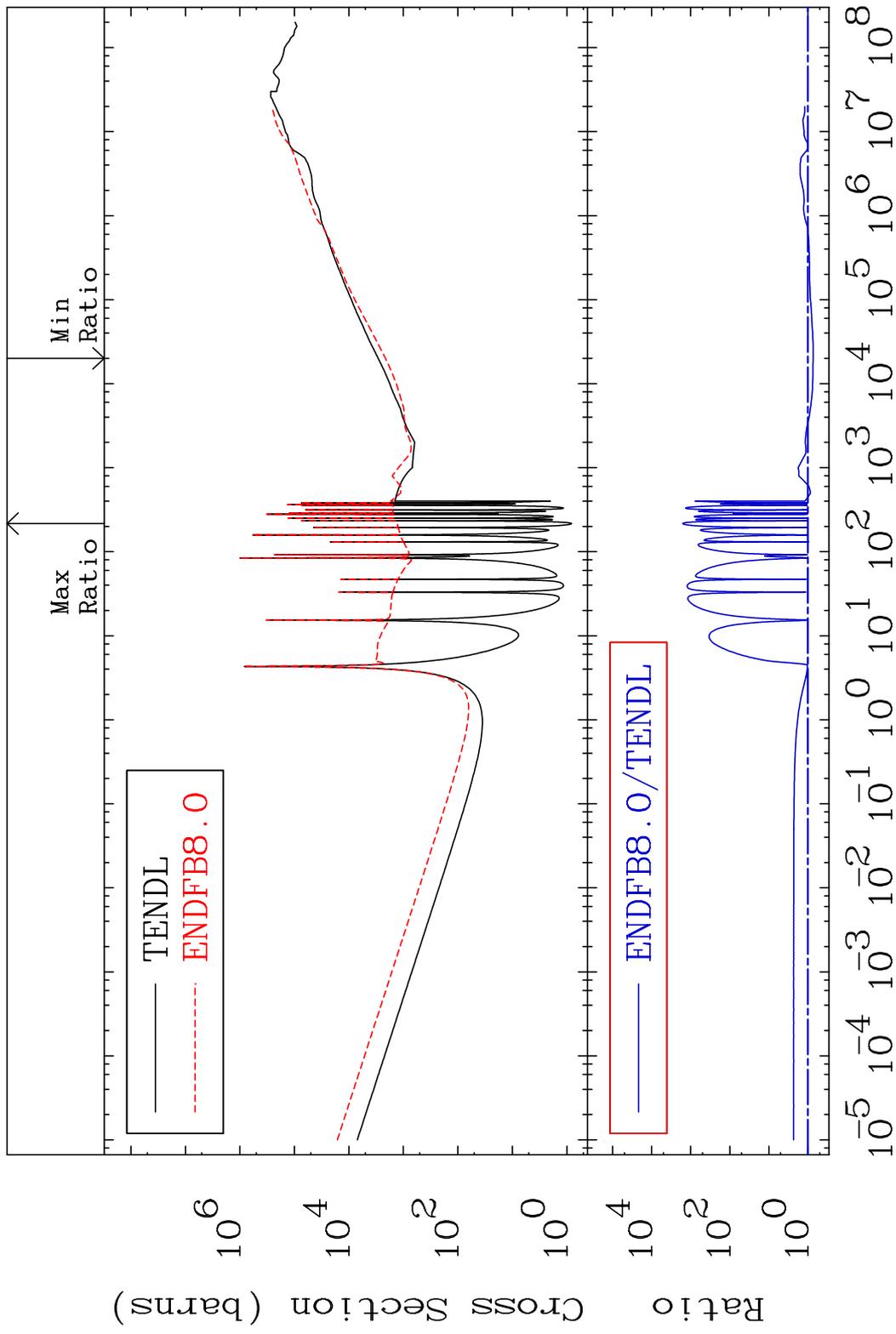
MAT 9643 Total photon (eV-barns) 96-Cm-246
 Cross Section -34.81 To 1975. %



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. %

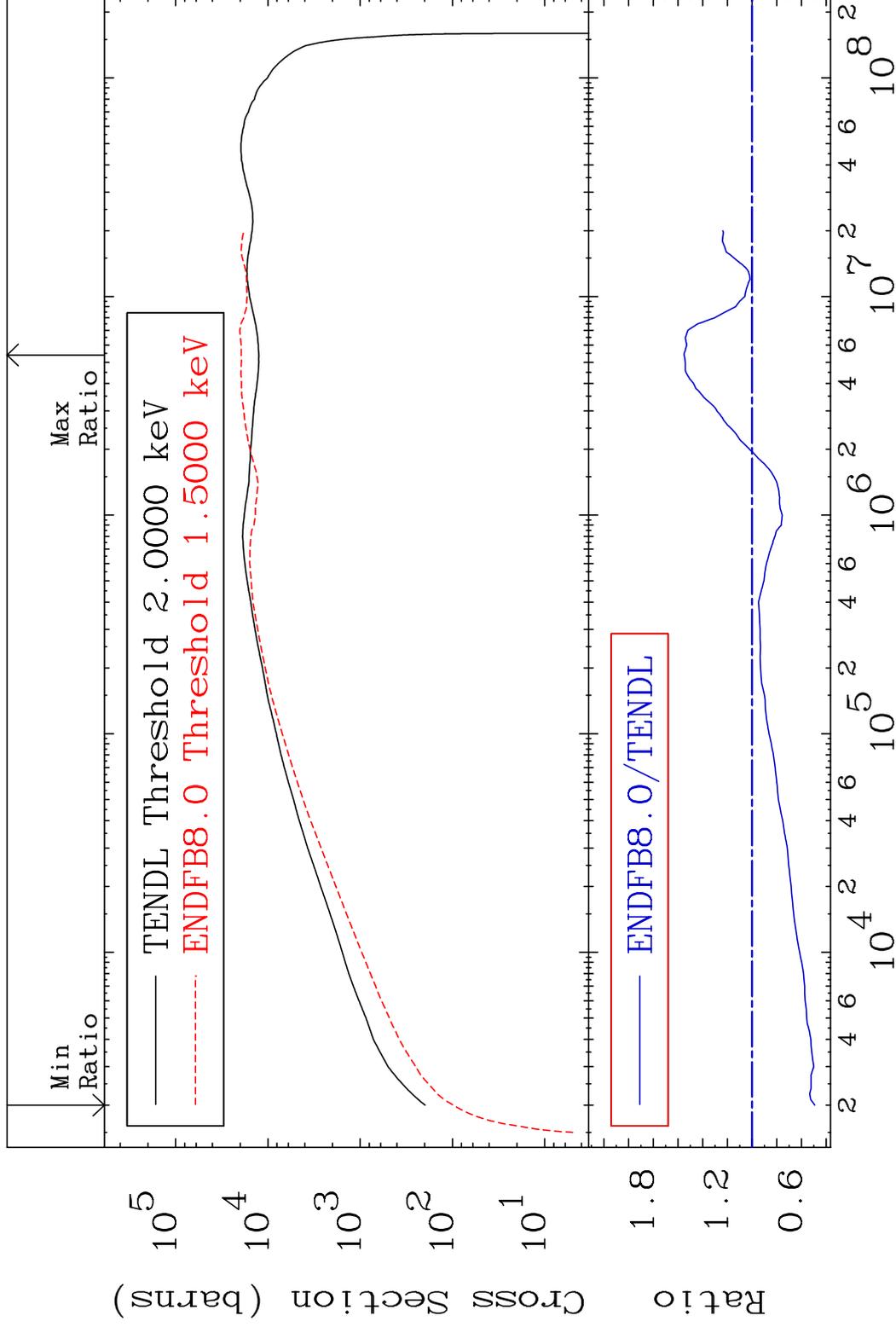


MAT 9643

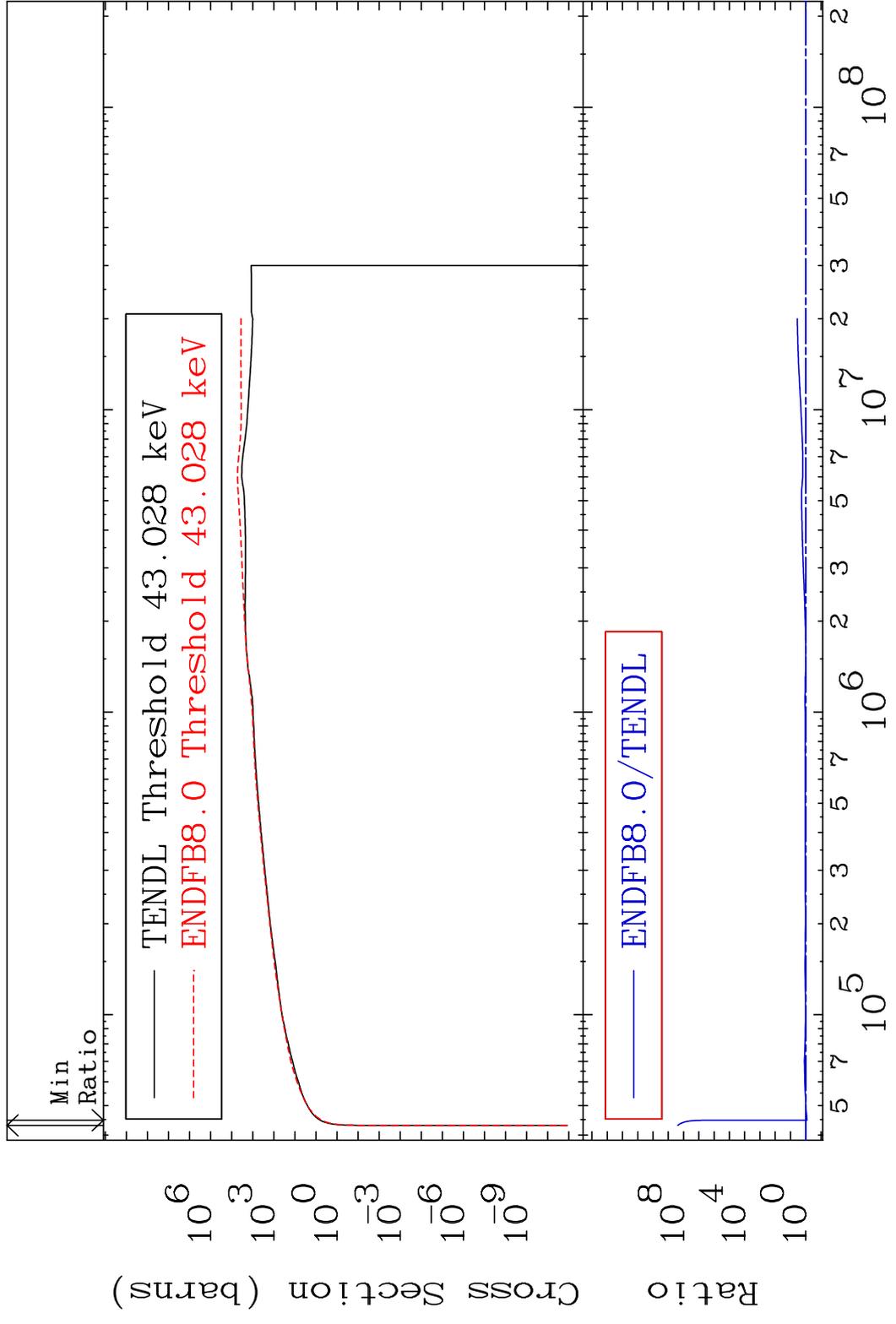
Dpa elastic (mt2)

96-Cm-246

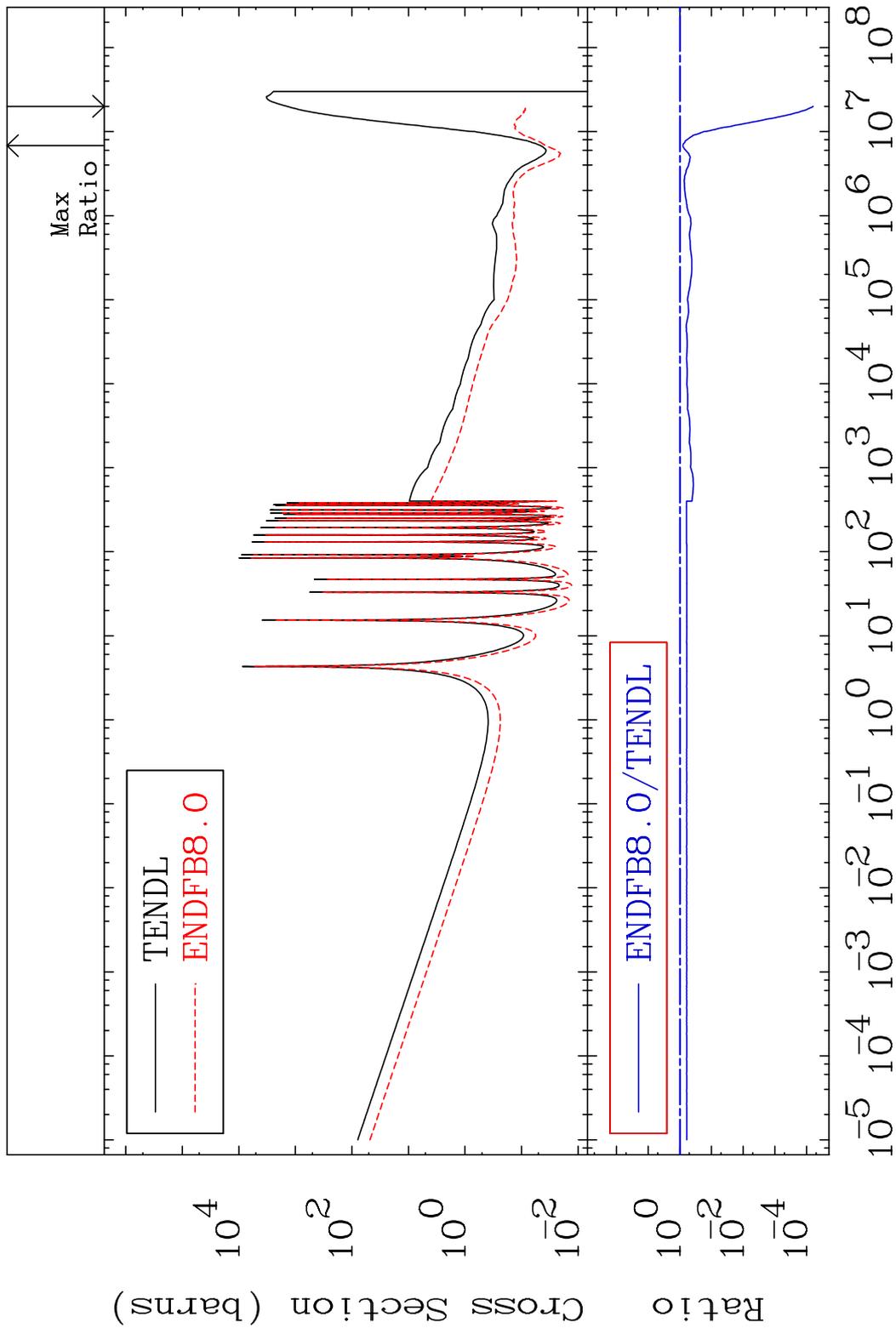
Cross Section -50.68 To 54.98 %



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