

Program Complot
(Version 2021-1)

by

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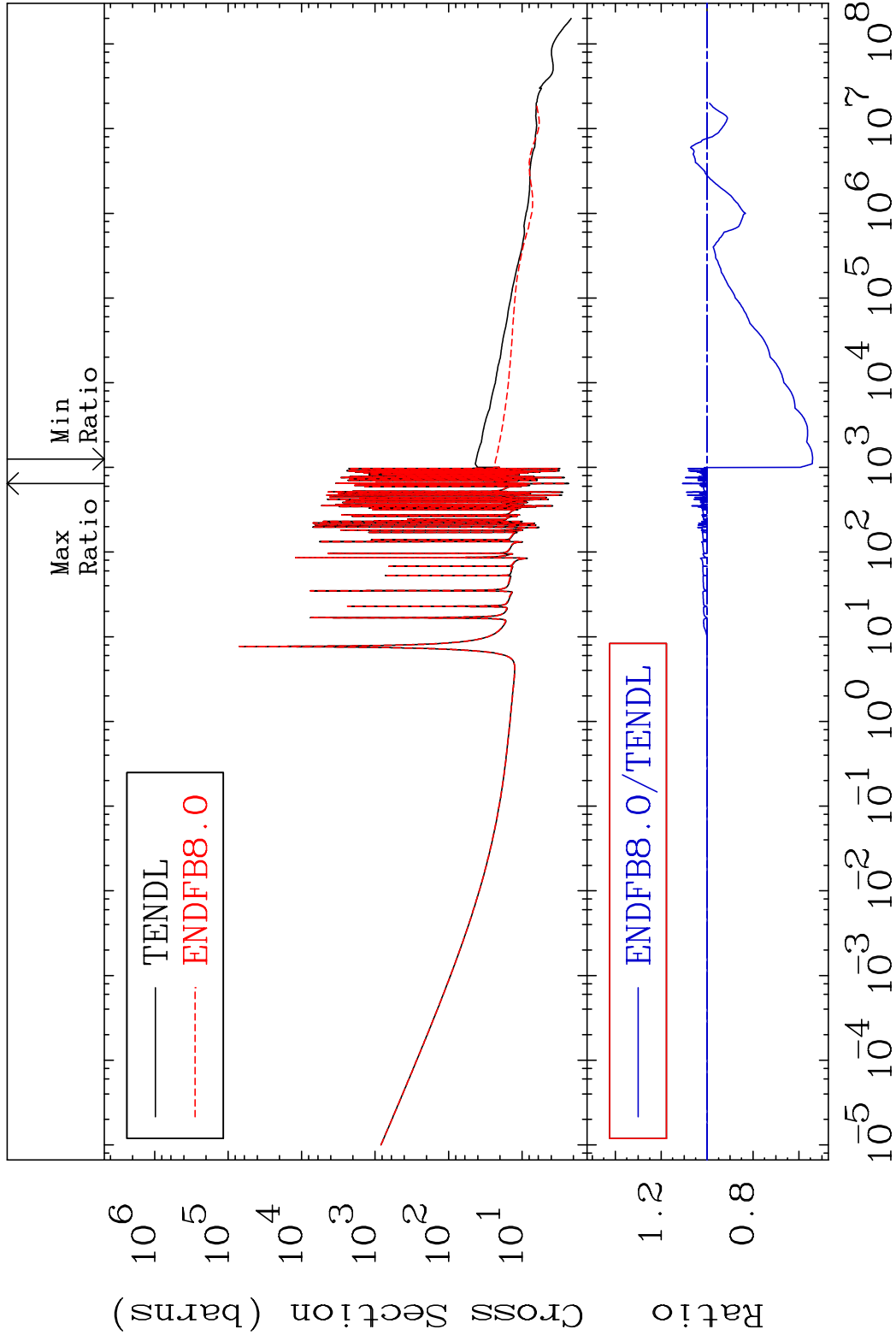
Press Mouse Button to Start

MAT 9637

Total

96-Cm-244

Cross Section -45.93 To 10.78 %

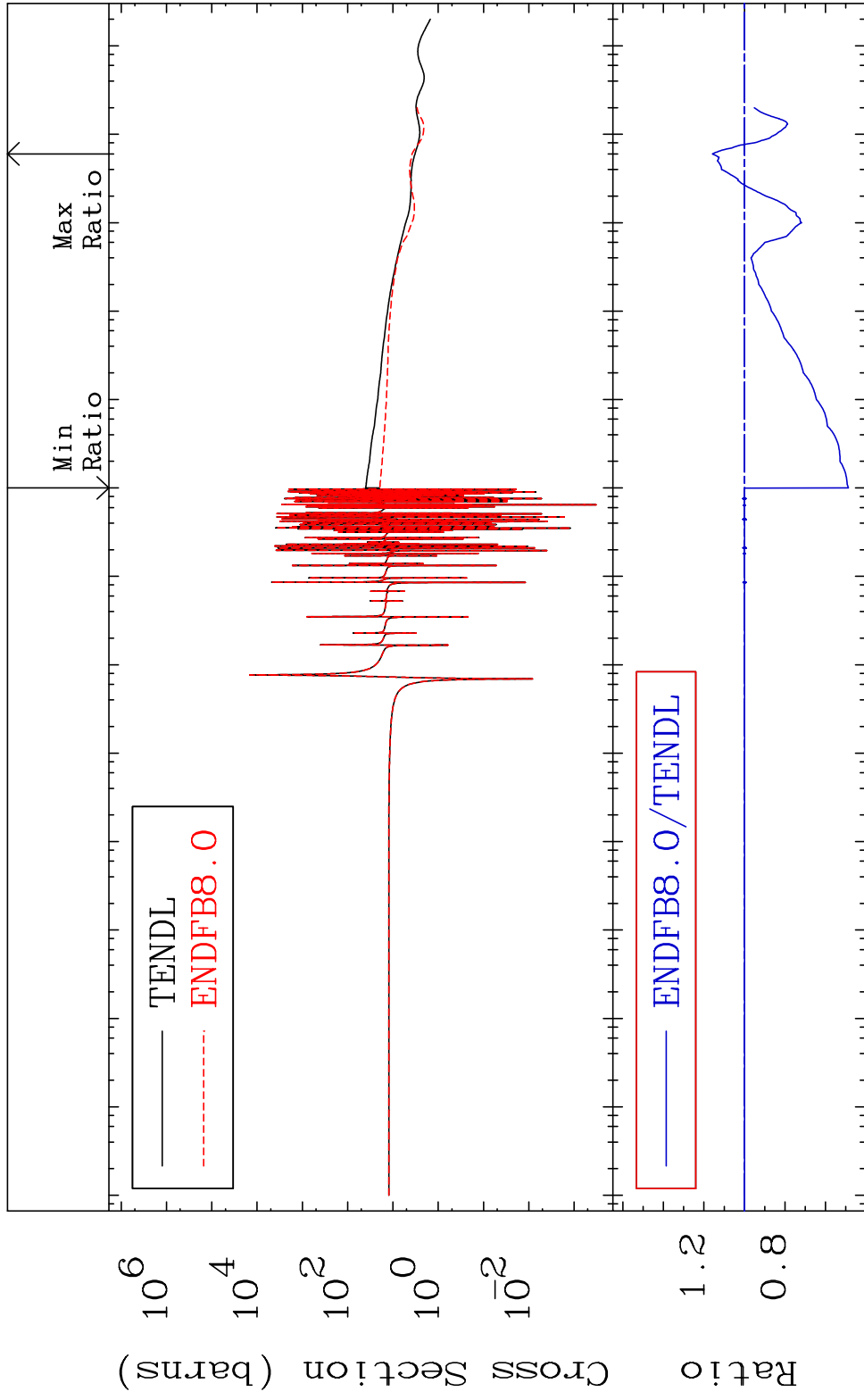


MAT 9637

Elastic

96-Cm-244

Cross Section -51.25 To 15.84 %

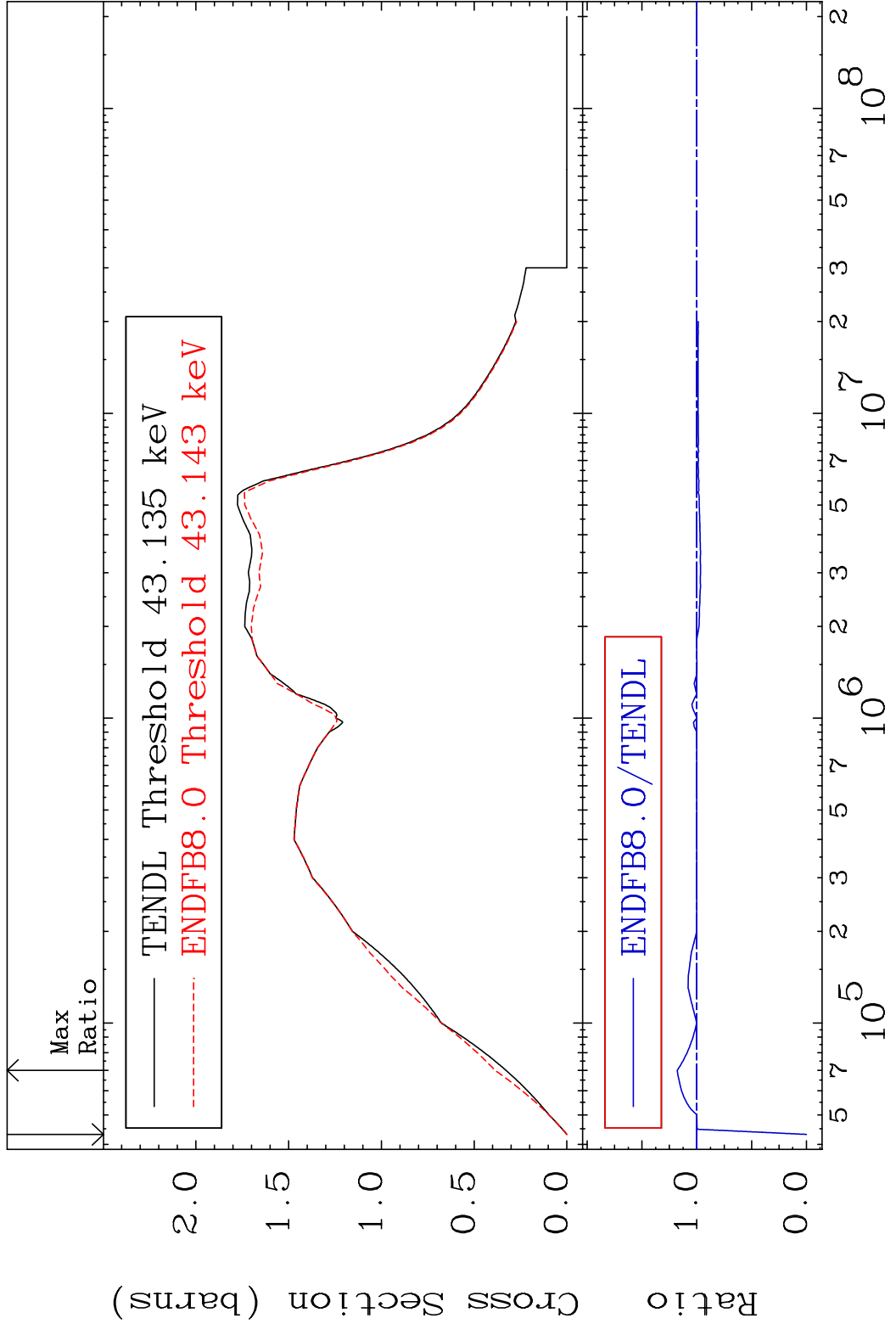


2

Incident Energy (eV)

96-Cm-244

MAT 9637 Inelastic 96-Cm-244
 Cross Section -100.0 To 17.88 %

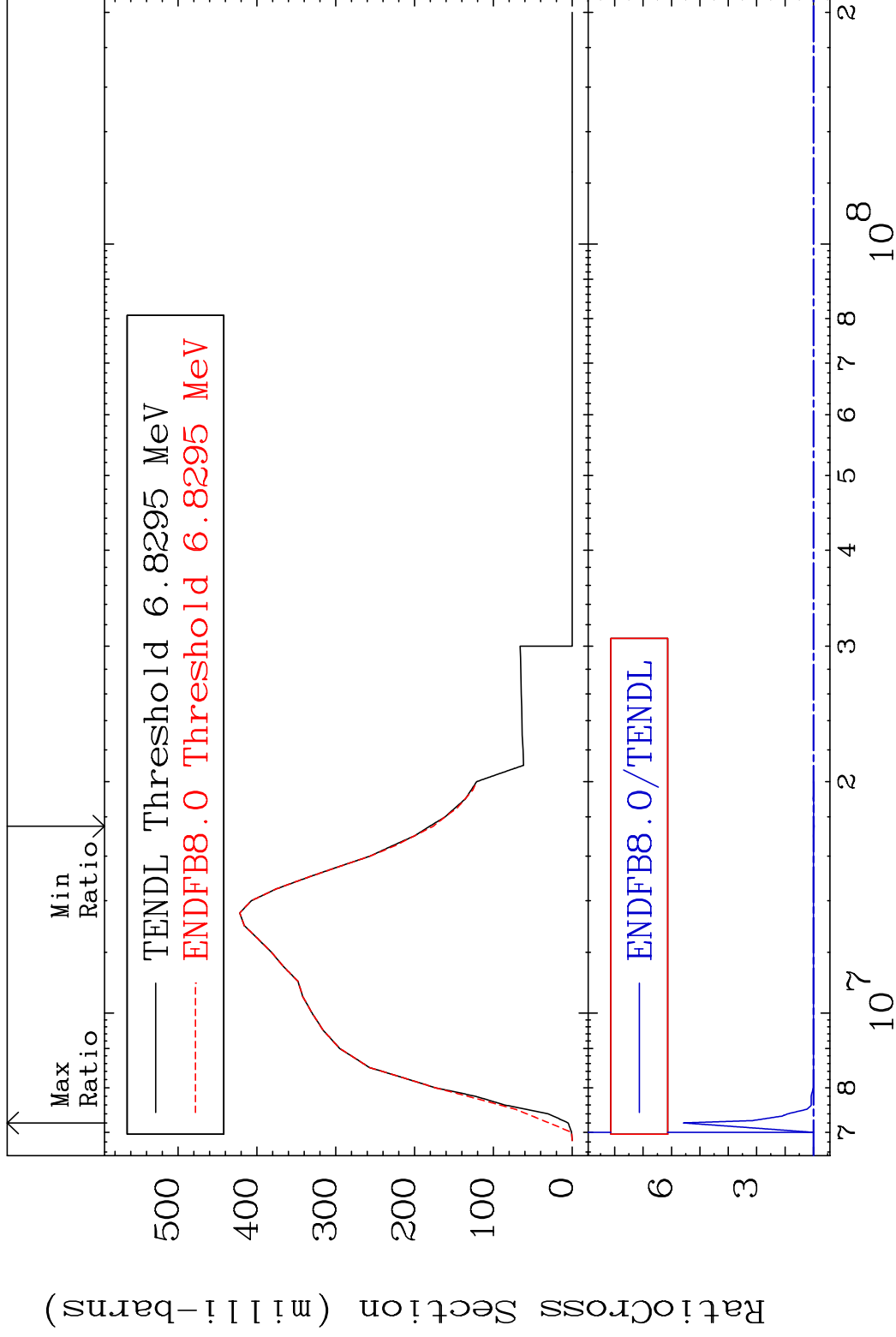


MAT 9637

(n,2n)

96-Cm-244

Cross Section -2.435 To 457.2 %



4

Incident Energy (eV)

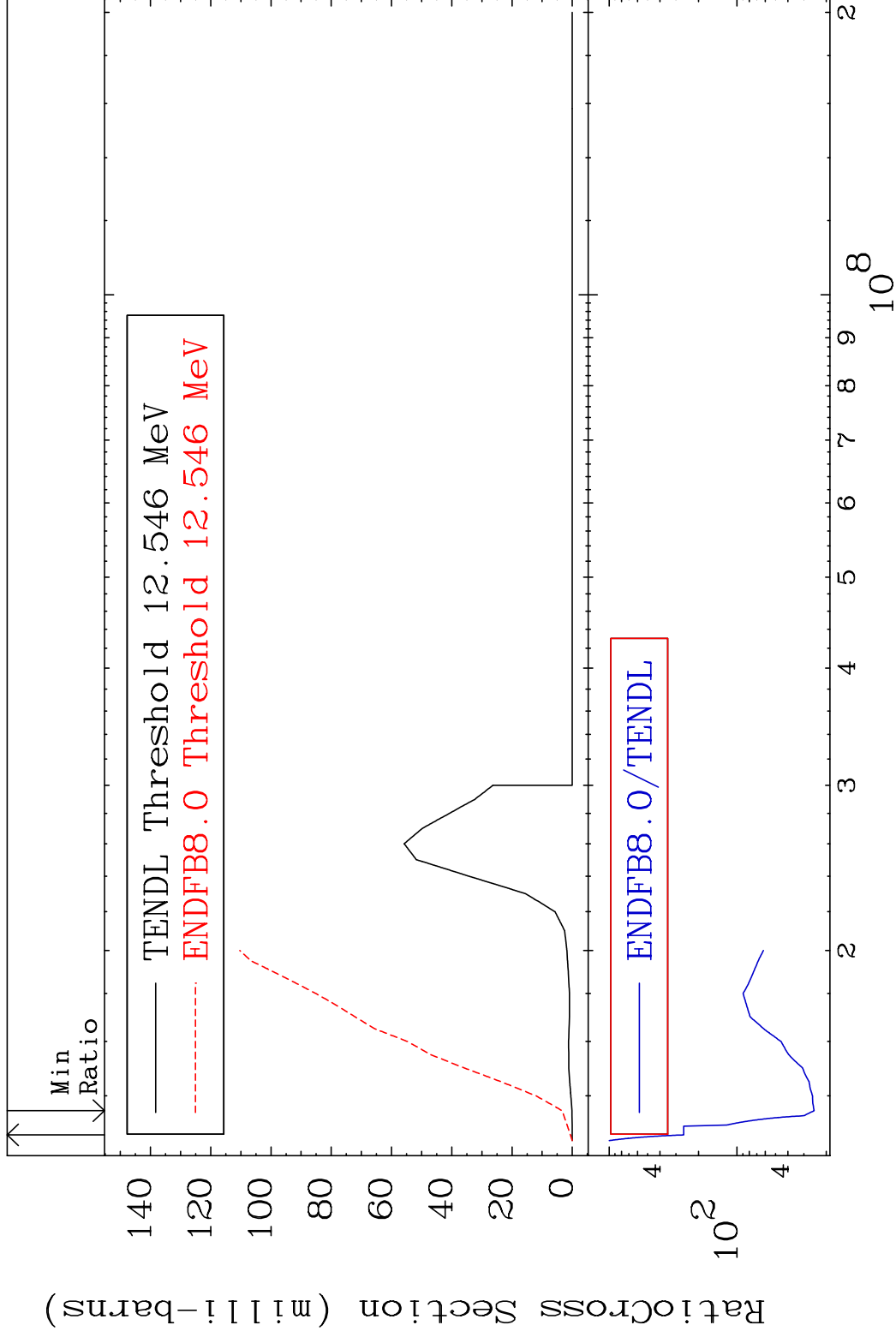
96-Cm-244

MAT 9637

(n,3n)

96-Cm-244

Cross Section 2393. To 9999. %



5

Incident Energy (eV)

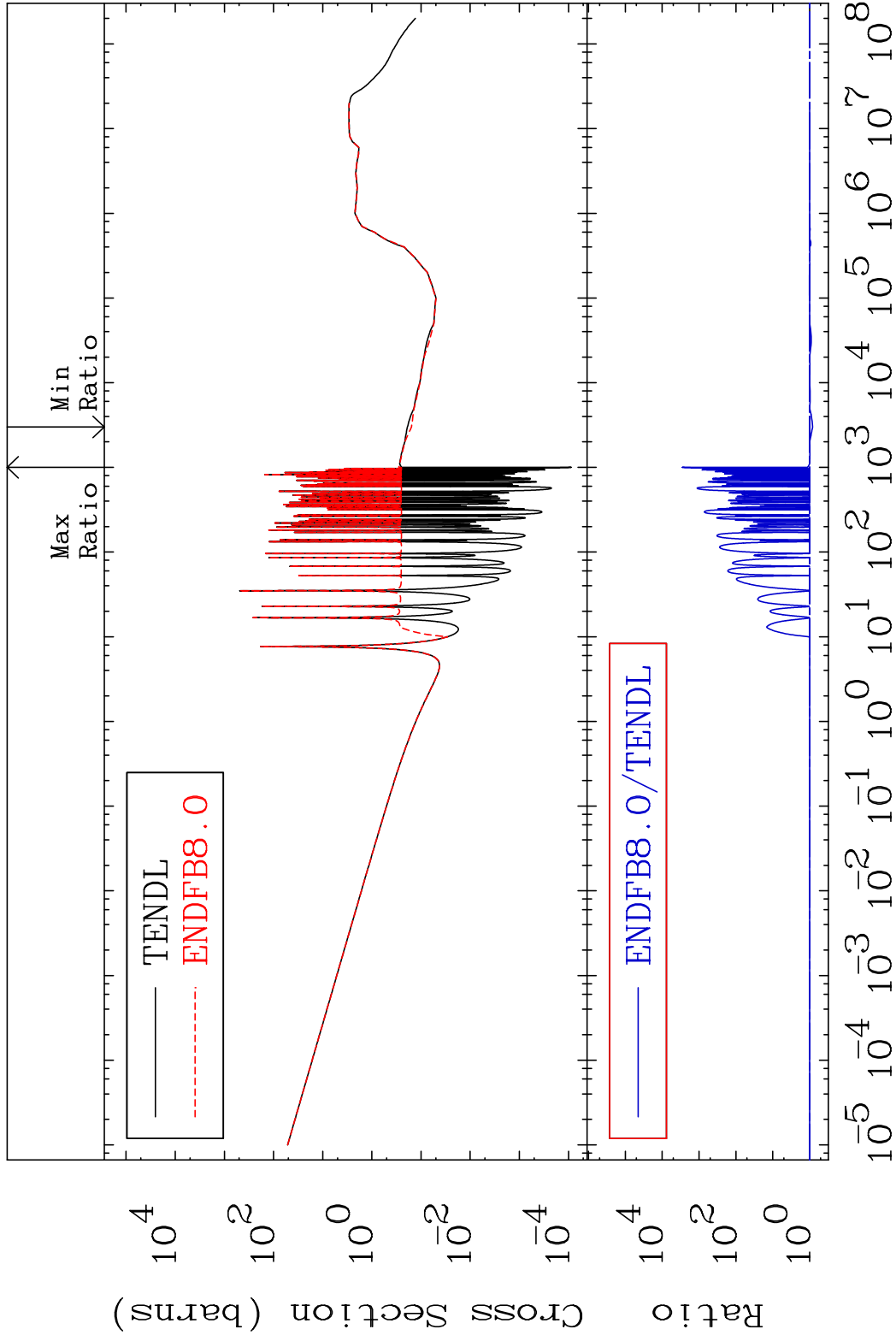
96-Cm-244

MAT 9637

Fission

96-Cm-244

Cross Section -17.00 To 9999. %



6

Incident Energy (eV)

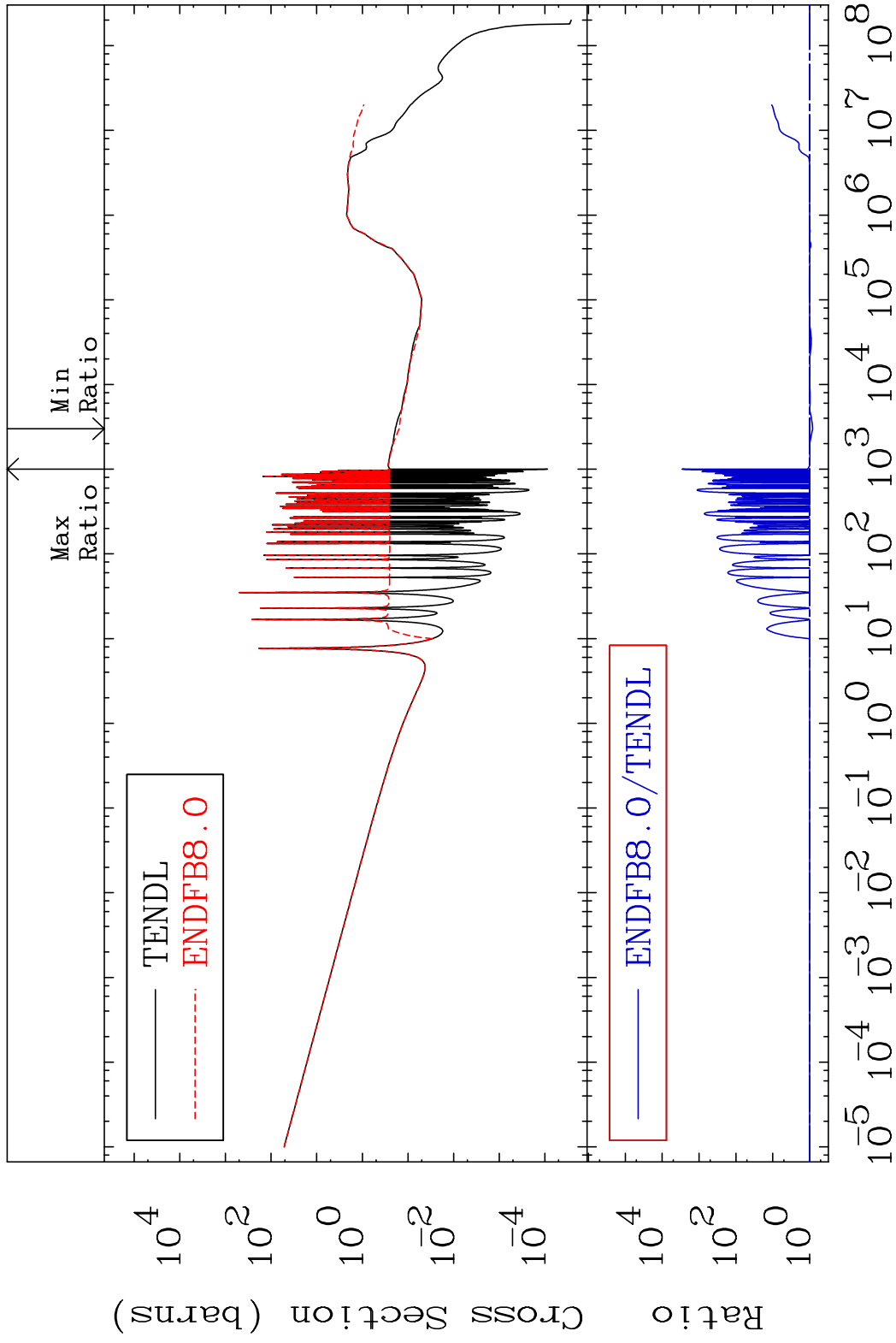
96-Cm-244

MAT 9637

(n,f) First Chance

96-Cm-244

Cross Section -17.00 To 9999. %



7

Incident Energy (eV)

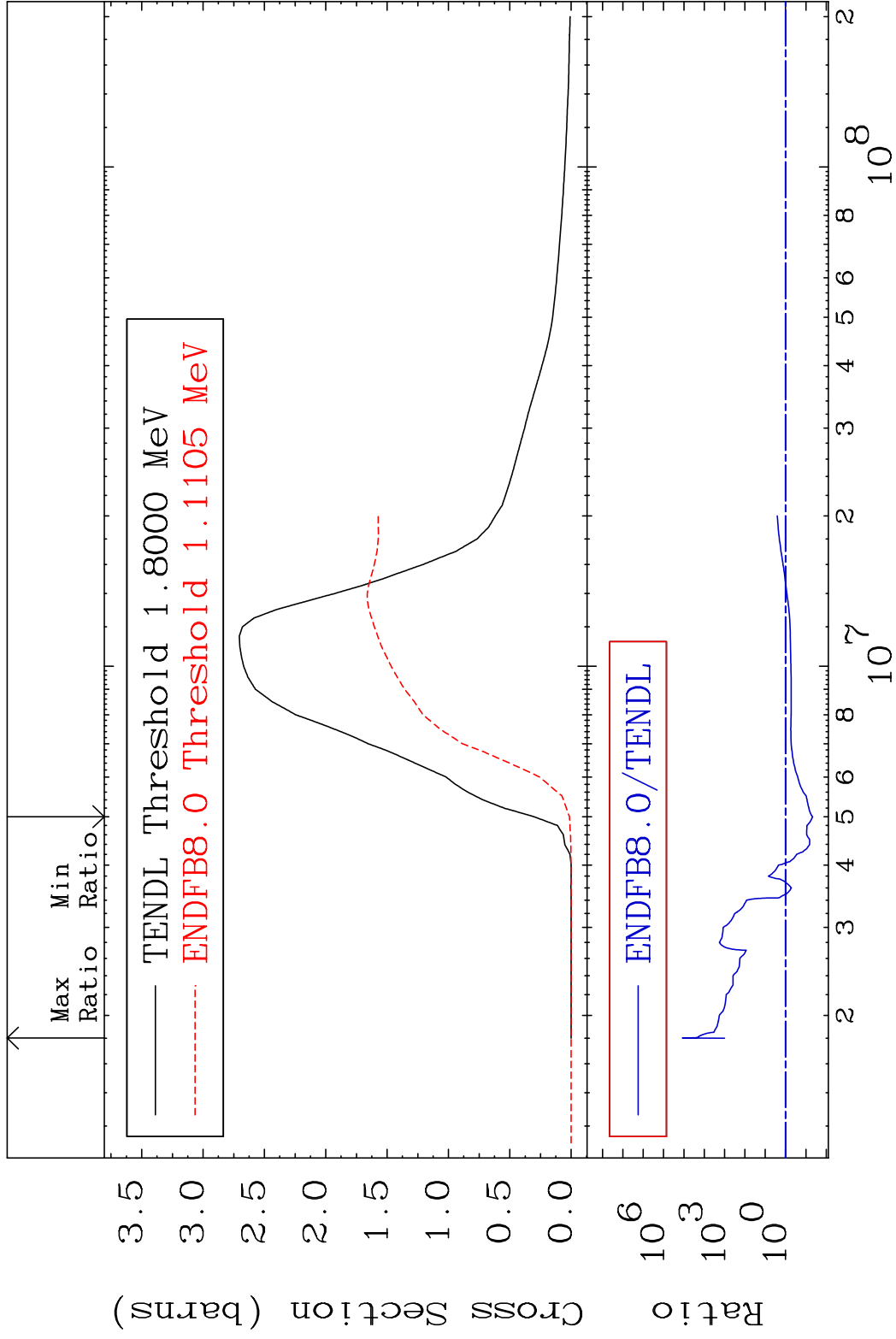
96-Cm-244

MAT 9637

(n, nf) Second Chance

96-Cm-244

Cross Section -95.28 To 9999. %

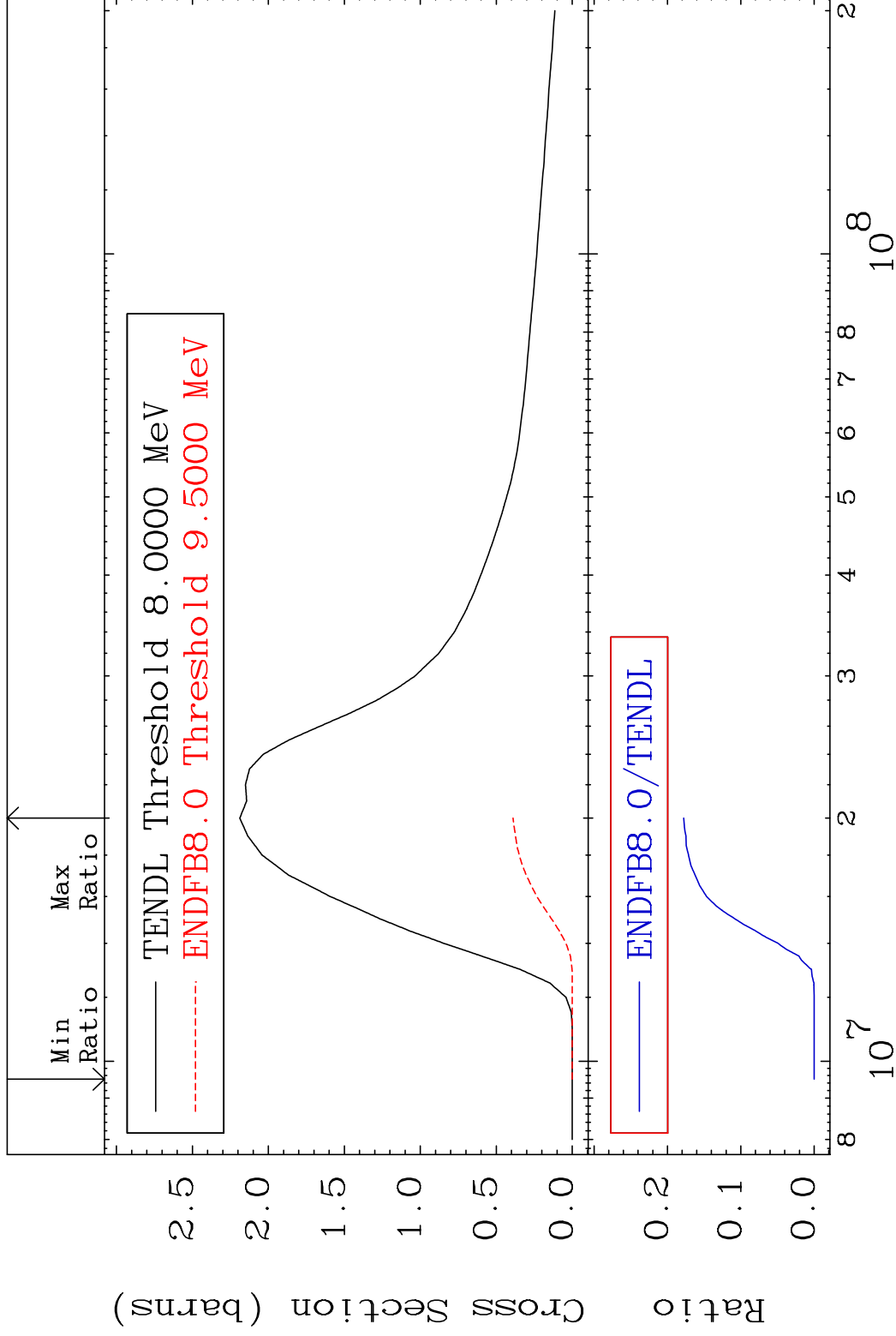


MAT 9637

(n,2nf) Third Chance

96-Cm-244

Cross Section -100.0 To -82.21%



9

Incident Energy (eV)

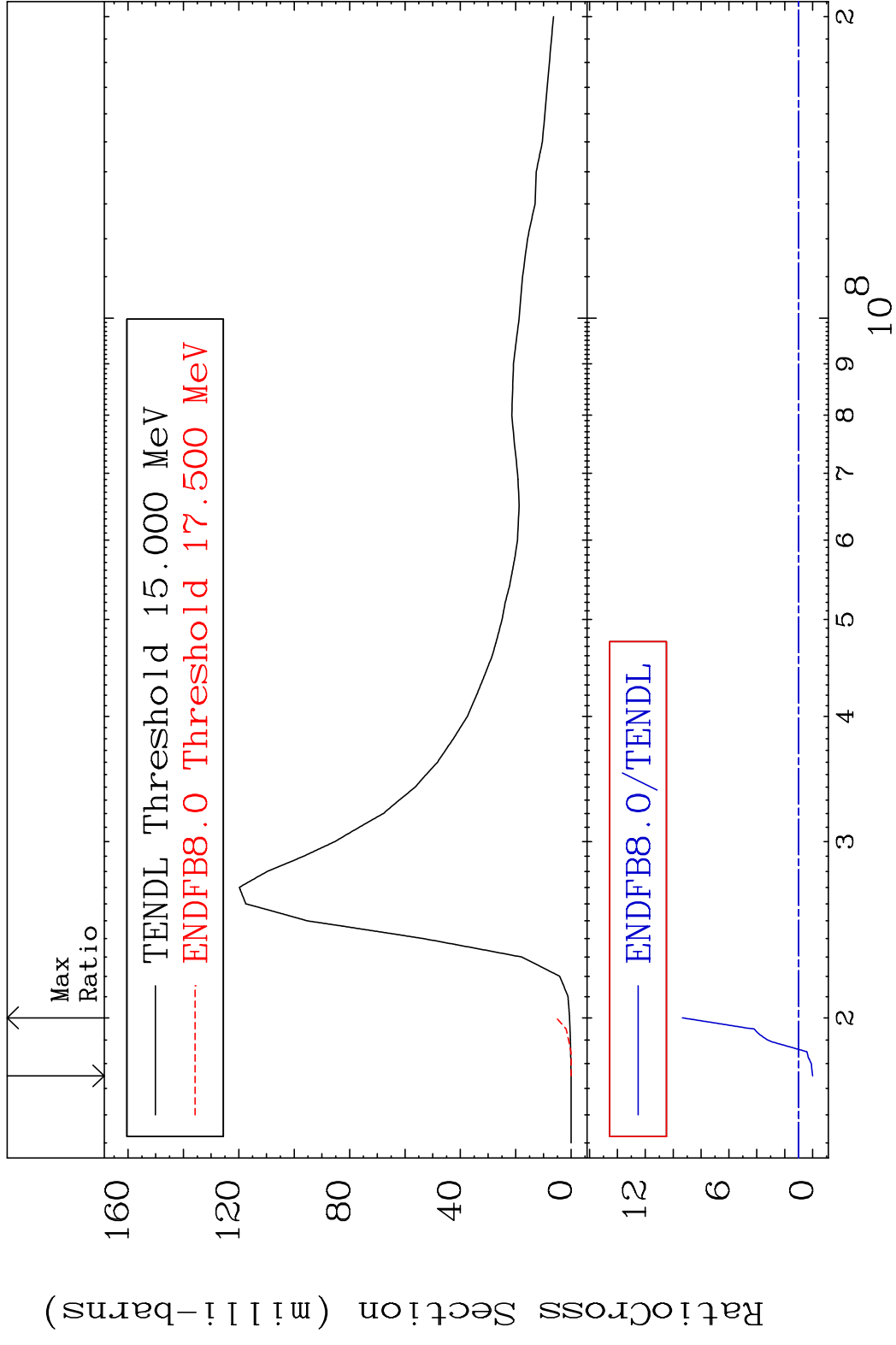
96-Cm-244

MAT 9637

(n,3nf) Fourth Chance

96-Cm-244

Cross Section -100.0 To 834.2 %

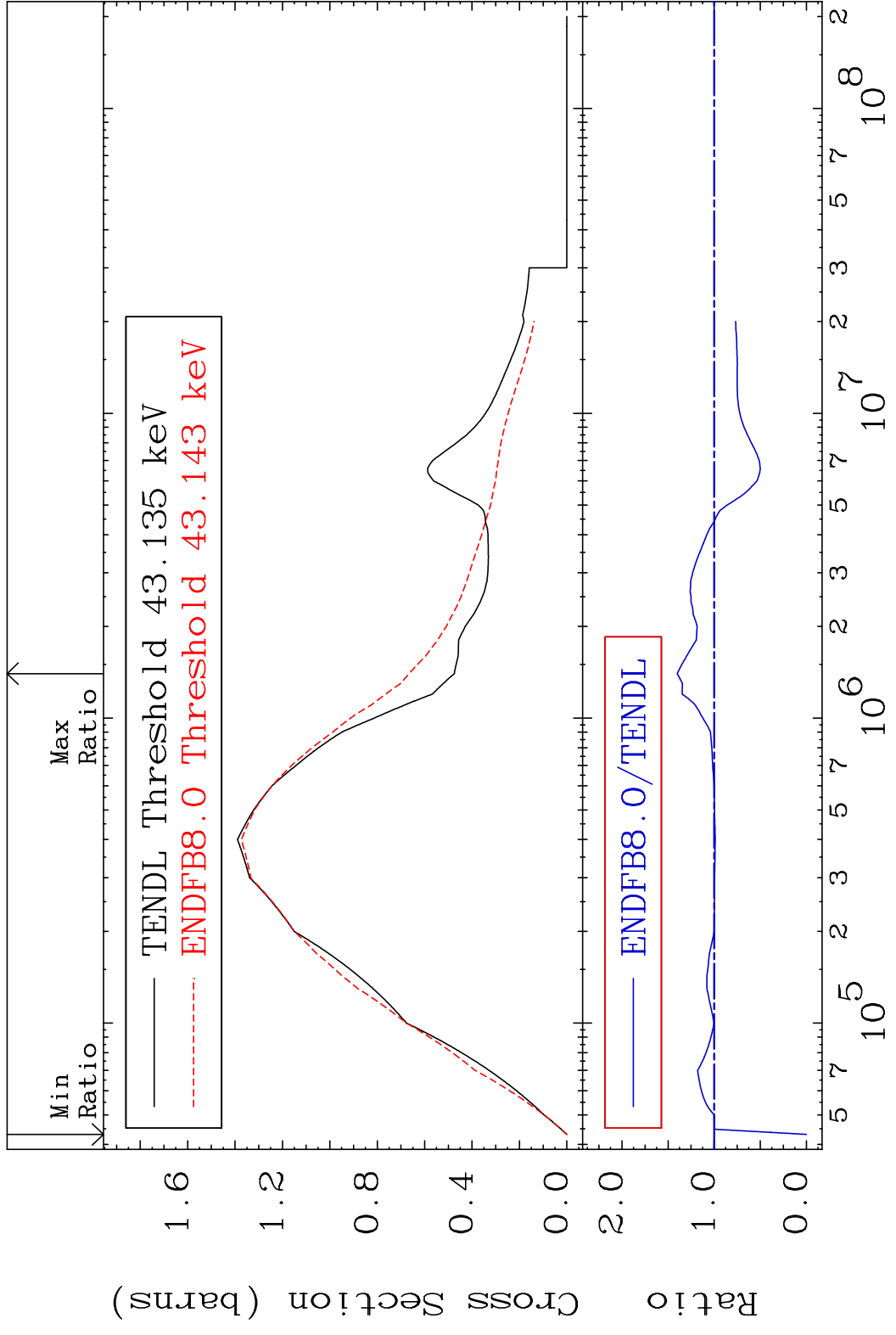


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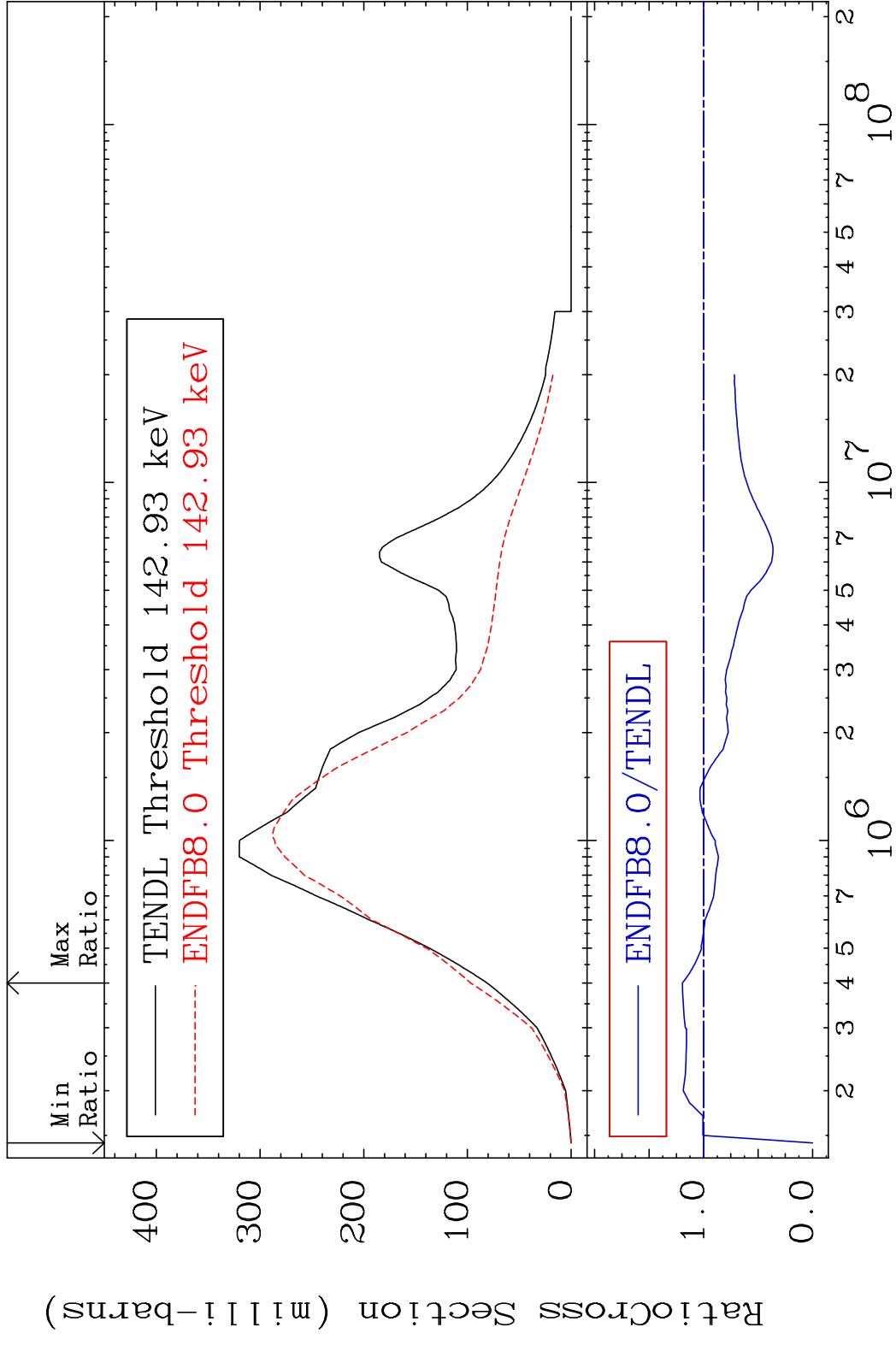
Incident Energy (eV)

96-Cm-244

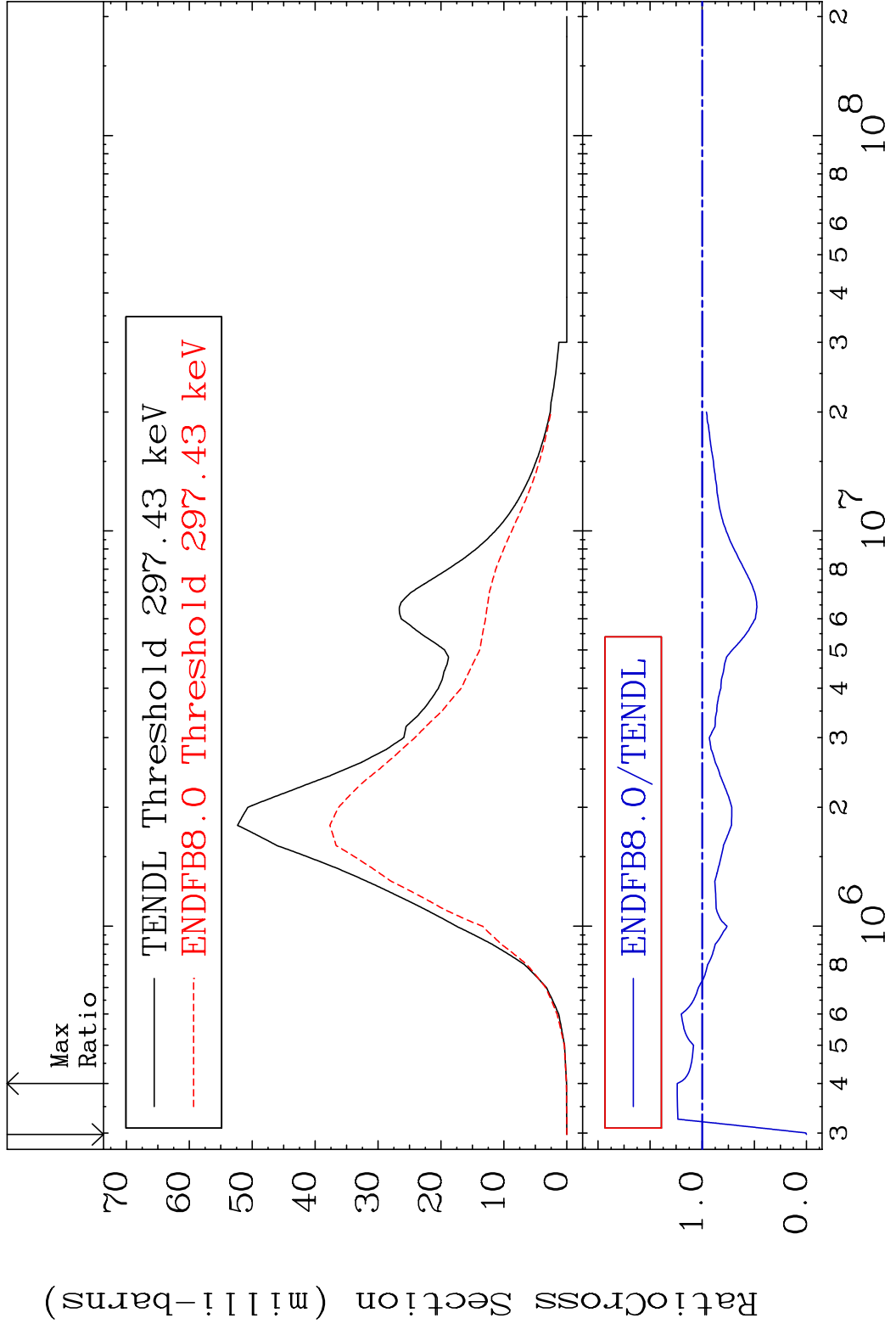
MAT 9637 MT= 51 (n, n') Level 96-Cm-244
 Cross Section -100.0 To 40.10 %



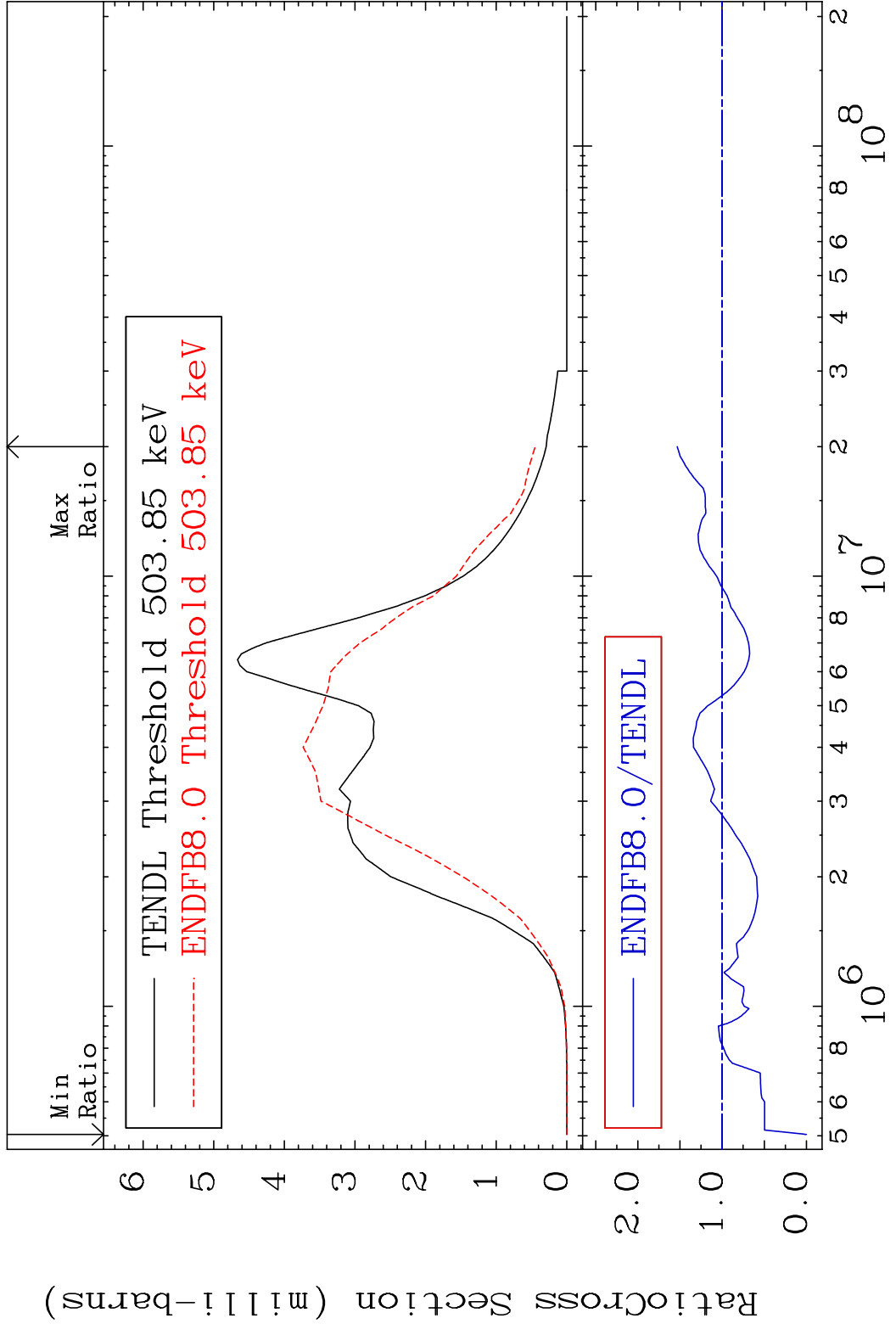
MAT 9637 MT= 52 (n,n') Level 96-Cm-244
 Cross Section -100.0 To 19.49 %



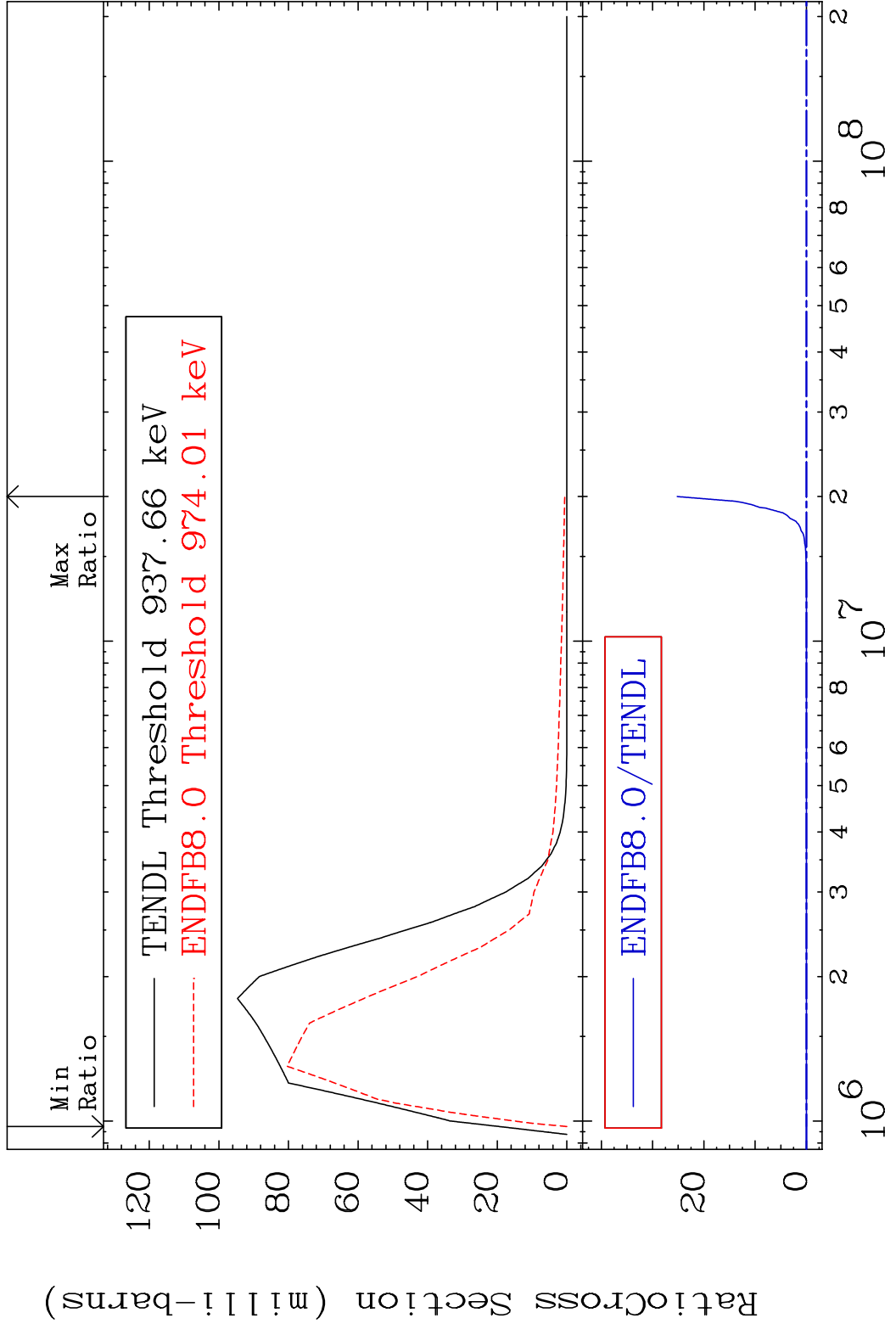
MAT 9637 MT= 53 (n,n') Level 96-Cm-244
 Cross Section -100.0 To 24.04 %



MAT 9637 MT= 54 (n, n') Level 96-Cm-244
 Cross Section -100.0 To 53.28 %

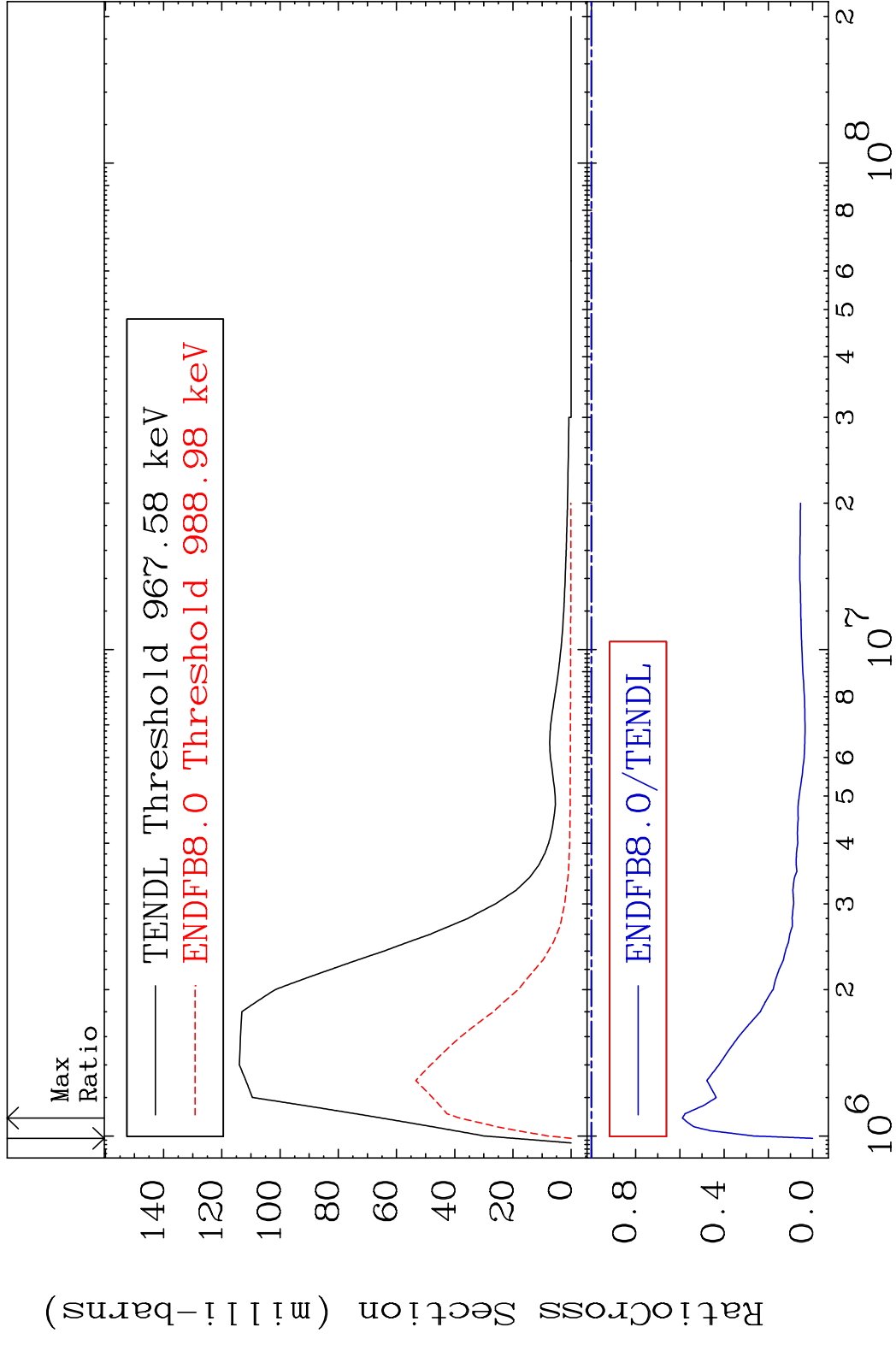


MAT 9637 MT= 55 (n, n') Level 96-Cm-244
 Cross Section -100.0 To 9999. %



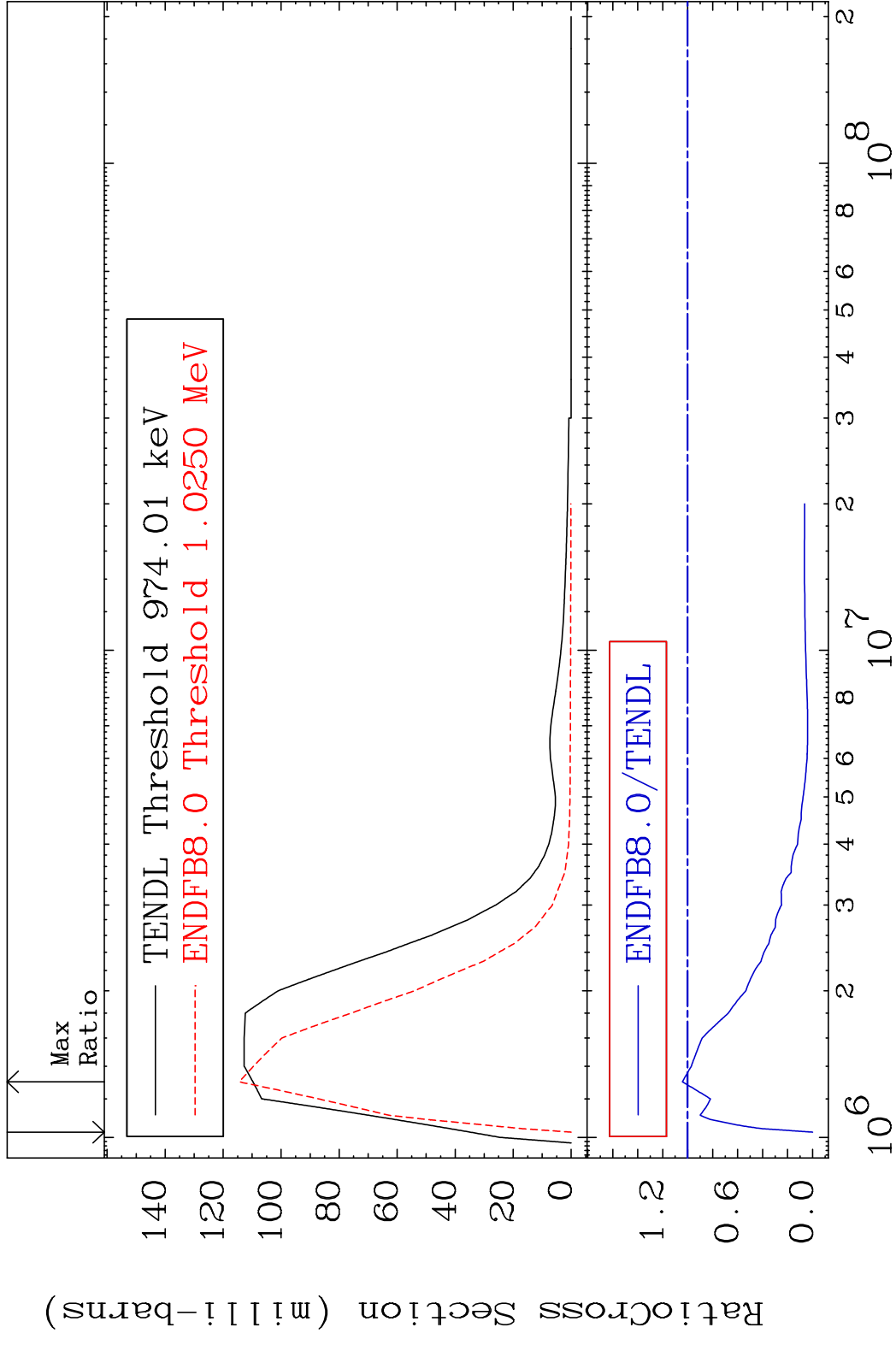
15 Incident Energy (eV) 96-Cm-244

MAT 9637 MT= 56 (n,n') Level 96-Cm-244
 Cross Section -100.0 To -41.15%

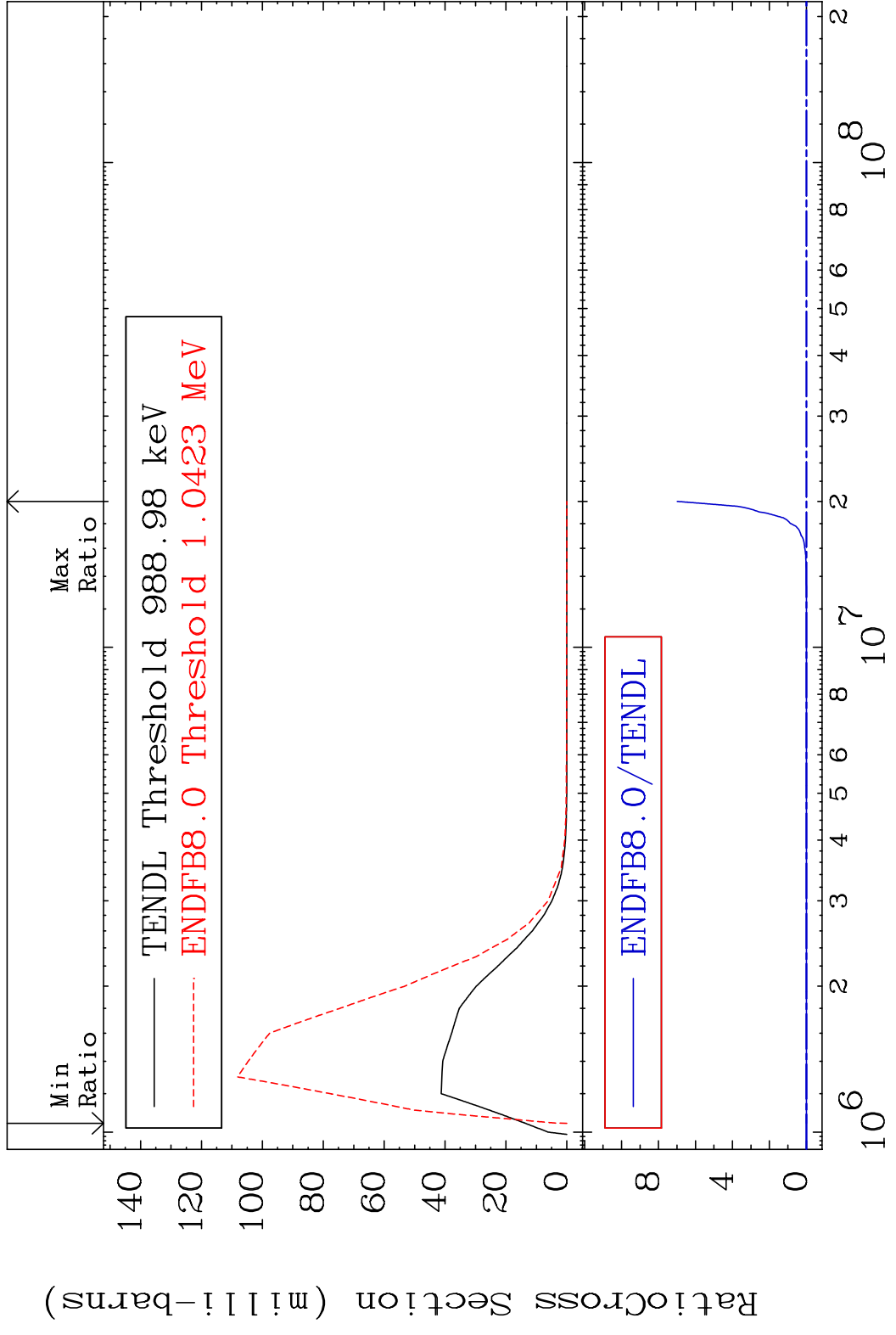


16 96-Cm-244

MAT 9637 MT= 57 (n,n') Level 96-Cm-244
 Cross Section -100.0 To 4.272 %

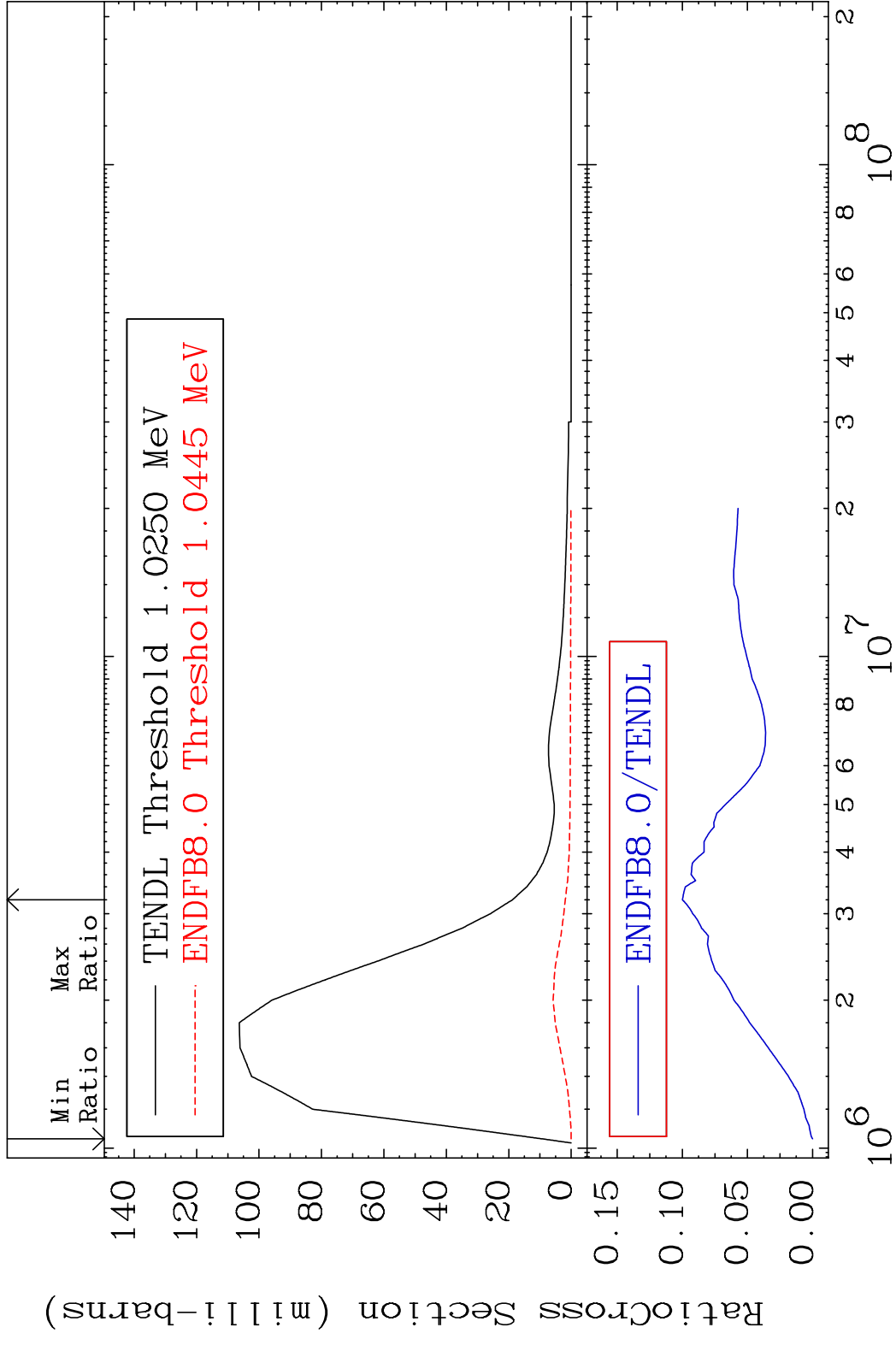


MAT 9637 MT= 58 (n,n') Level 96-Cm-244
 Cross Section -100.0 To 9999. %



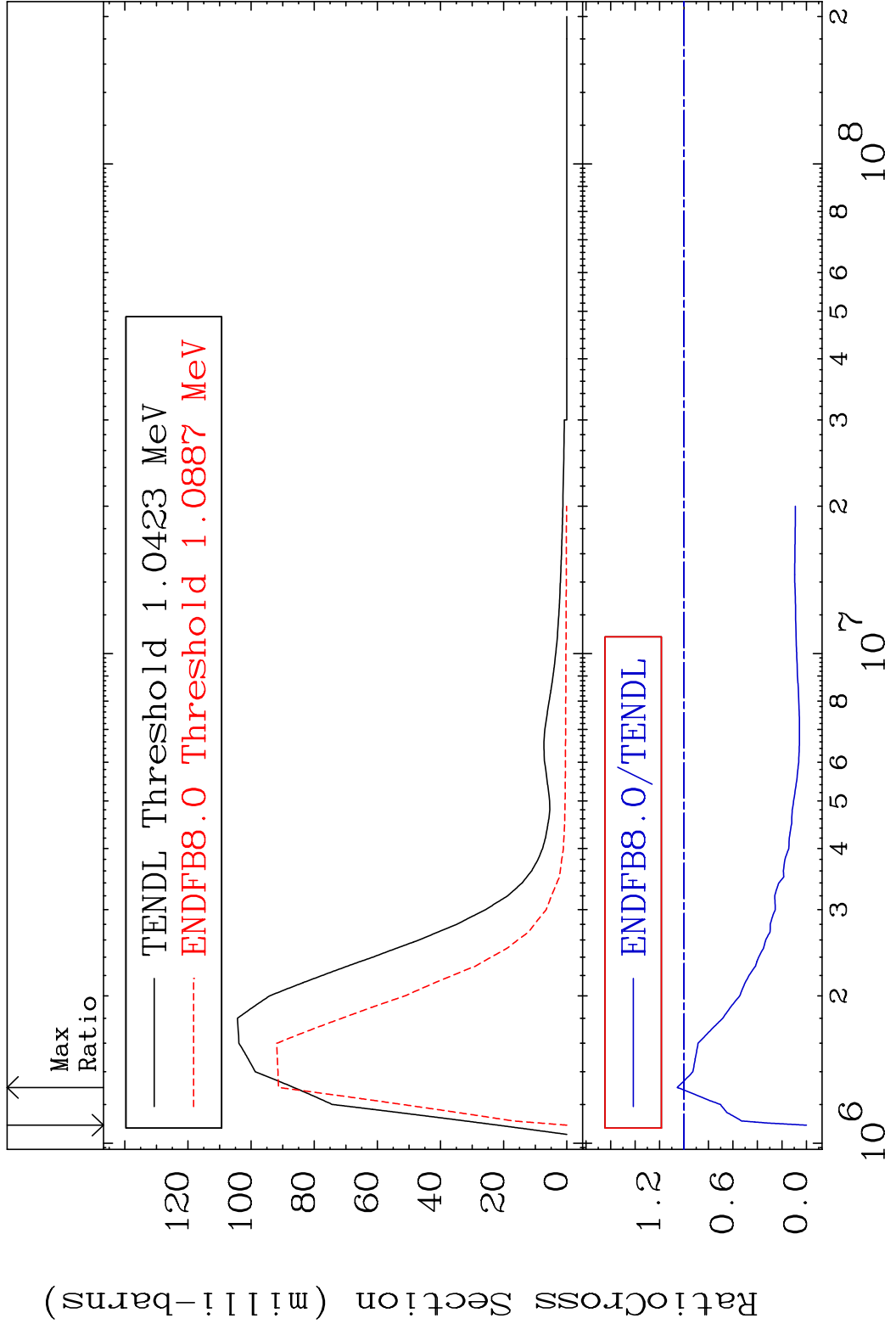
18 Incident Energy (eV) 96-Cm-244

MAT 9637 MT= 59 (n,n') Level 96-Cm-244
 Cross Section -100.0 To -90.00%



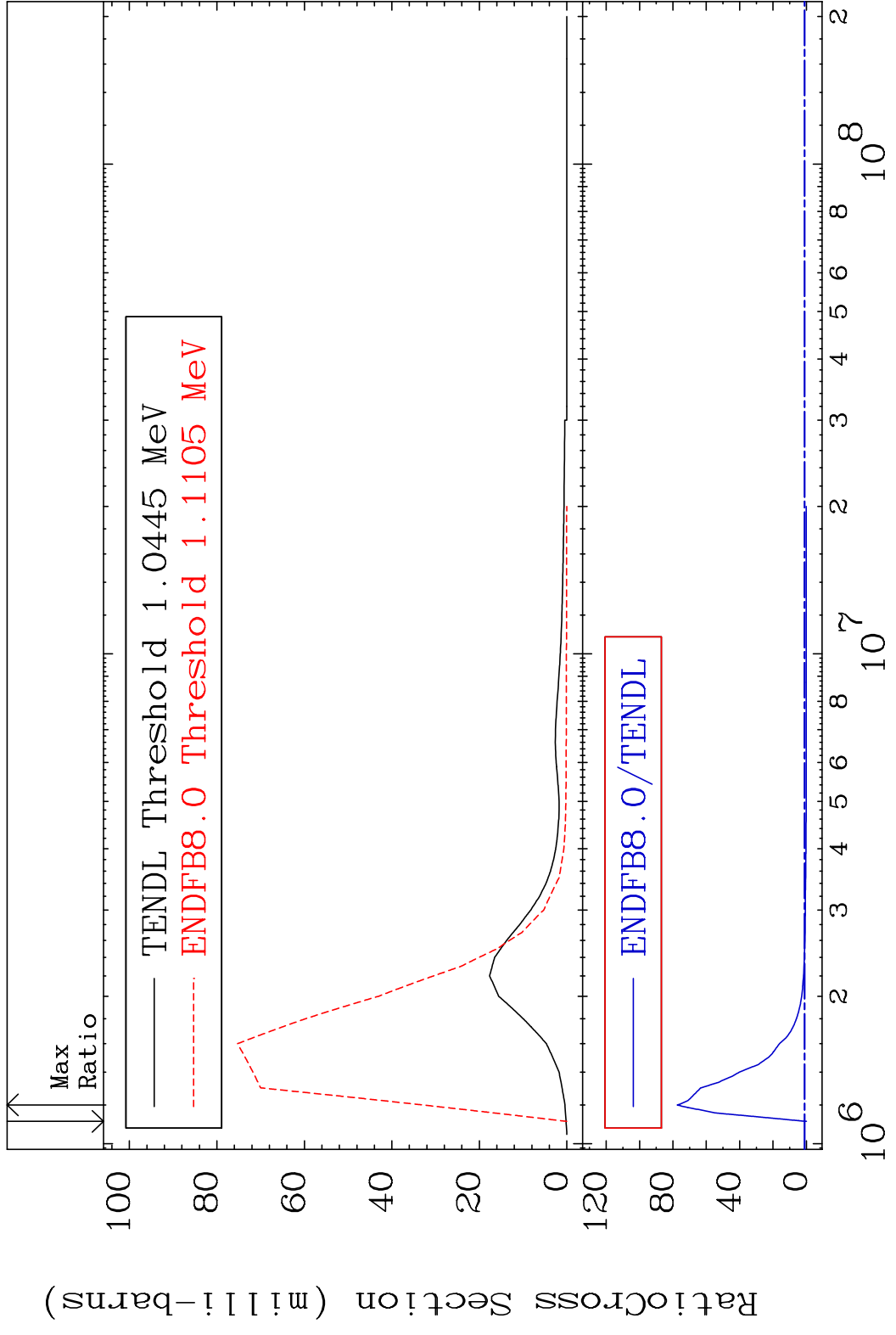
19 96-Cm-244

MAT 9637 MT= 60 (n,n') Level 96-Cm-244
 Cross Section -100.0 To 5.577 %



20 10⁶ 2 3 4 5 6 8 10⁷ 2 3 4 5 6 8 10⁸ 20 96-Cm-244

MAT 9637 MT= 61 (n,n') Level 96-Cm-244
 Cross Section -100.0 To 7645. %

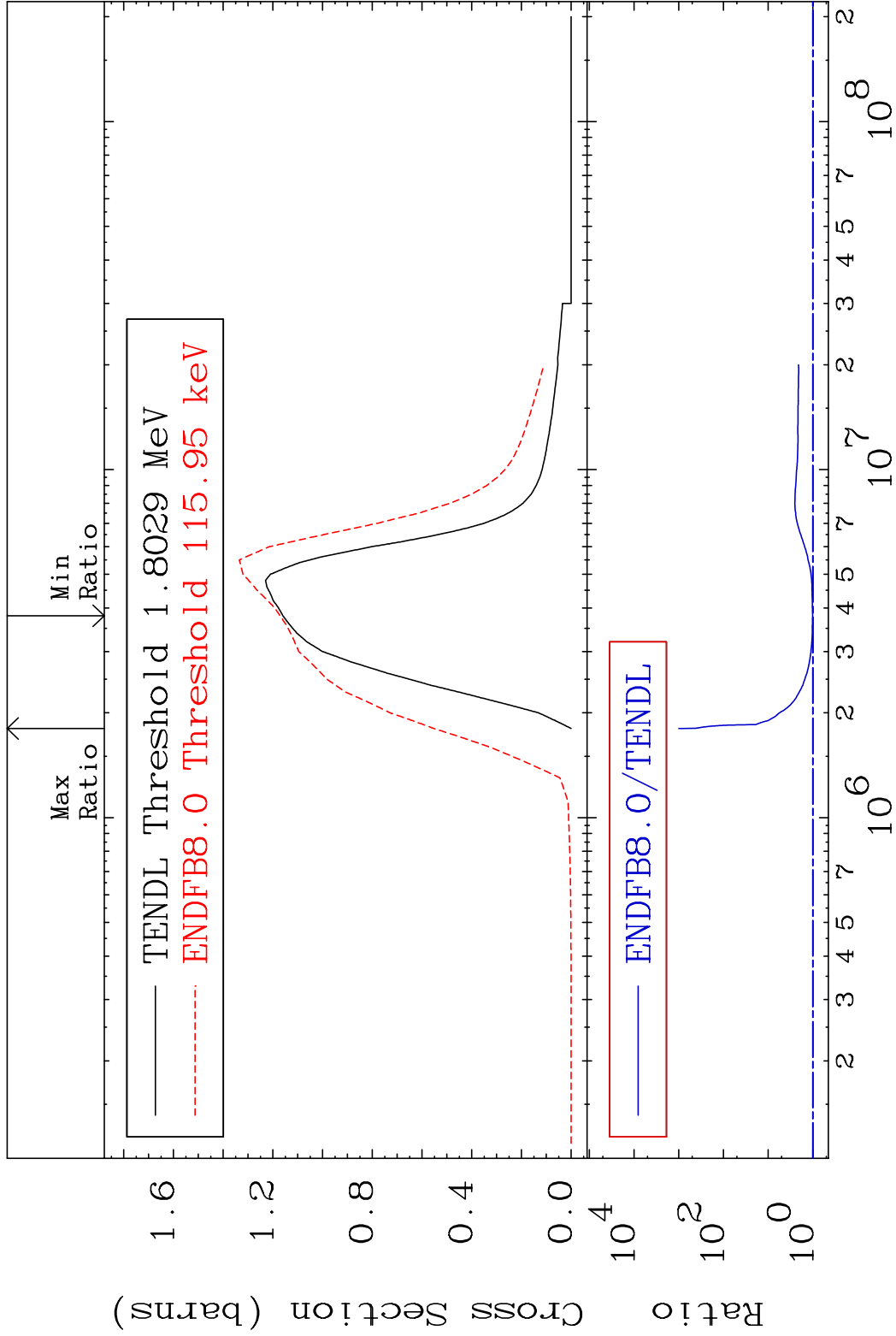


MAT 9637

(n, n') Continuum

96-Cm-244

Cross Section 0.970 To 9999. %

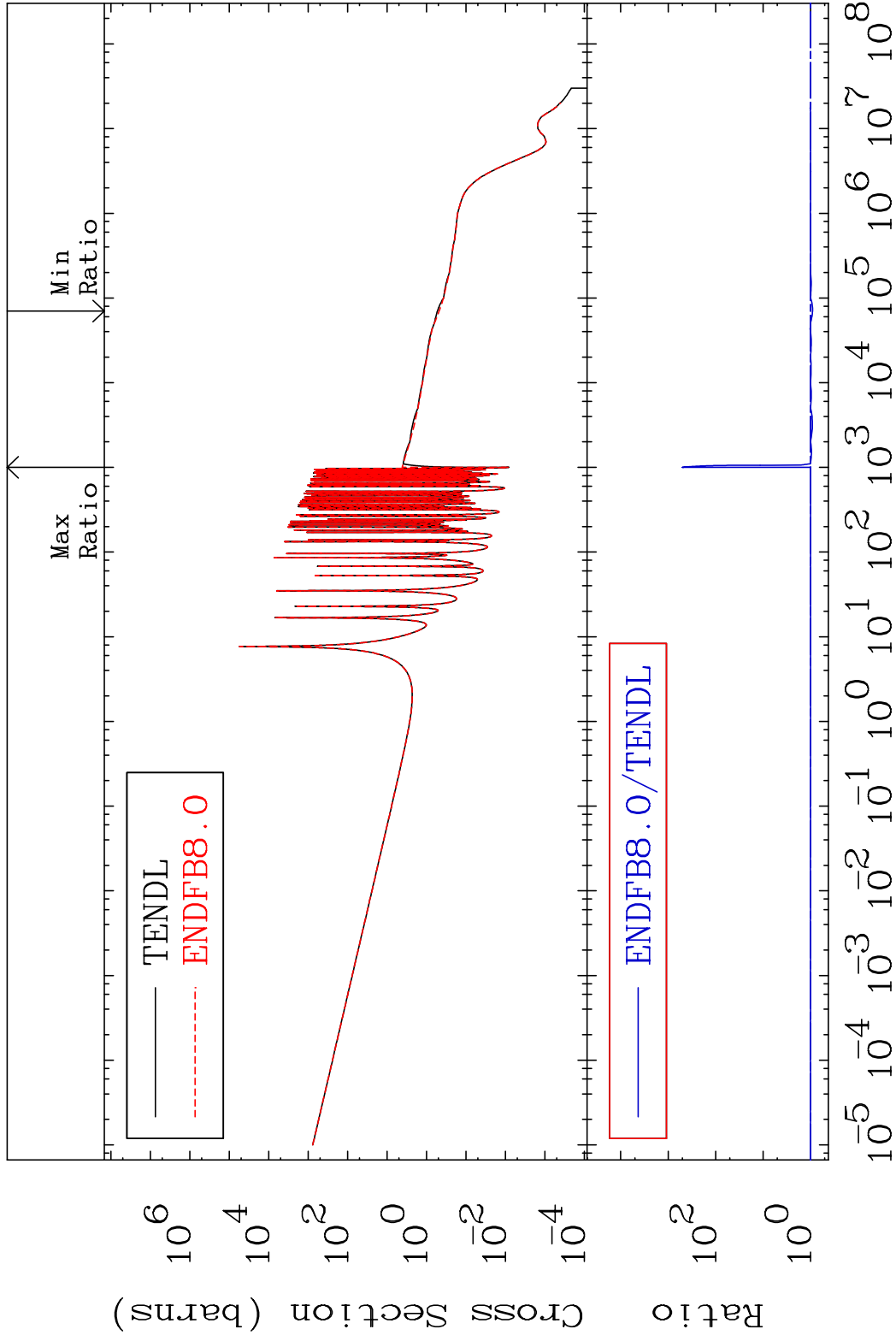


MAT 9637

(n, γ)

96-Cm-244

Cross Section -9.737 To 9999. %



23

Incident Energy (eV)

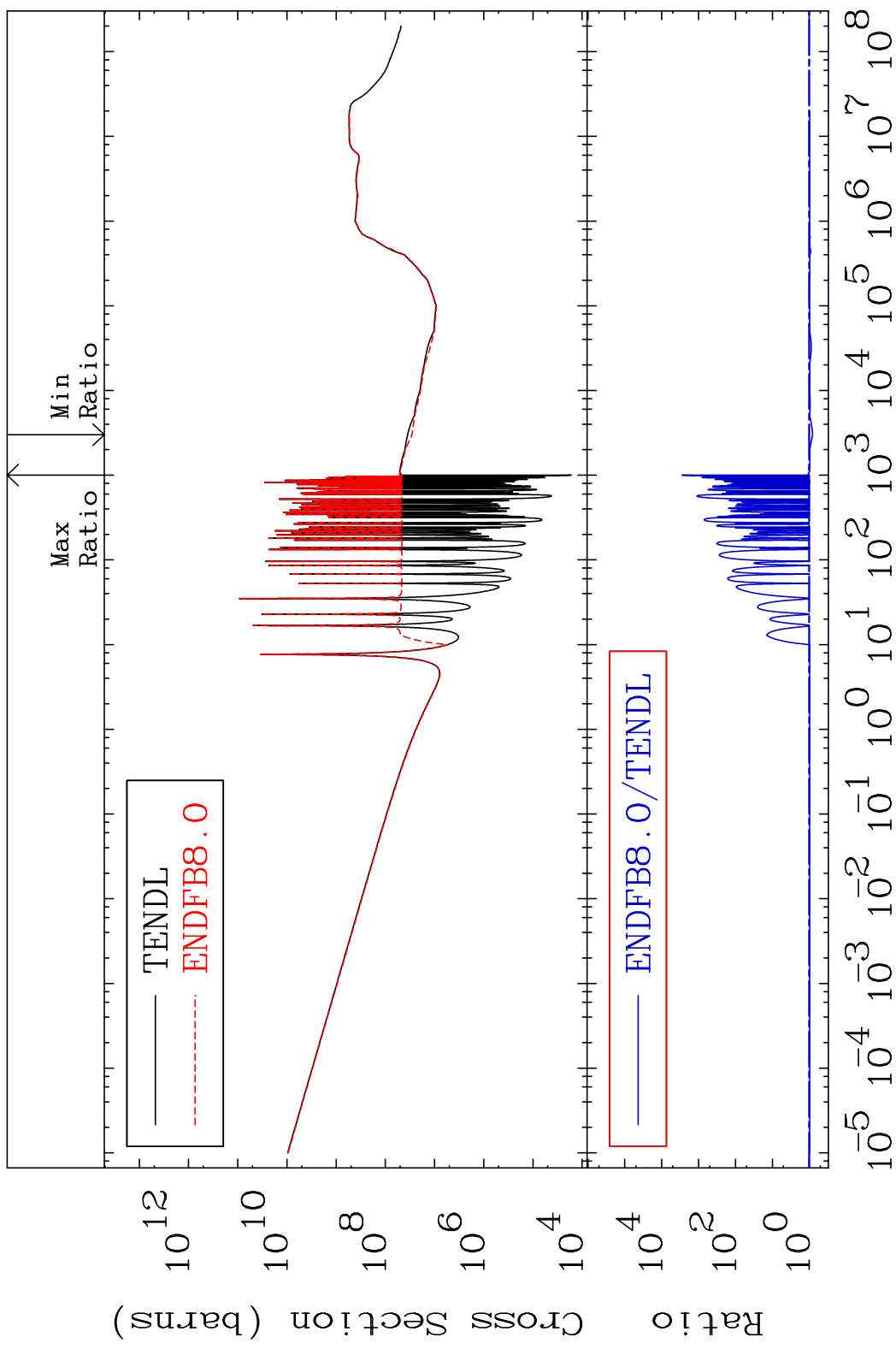
96-Cm-244

MAT 9637

Kerma total (eV-barns)

96-Cm-244

Cross Section -18.57 To 9999. %



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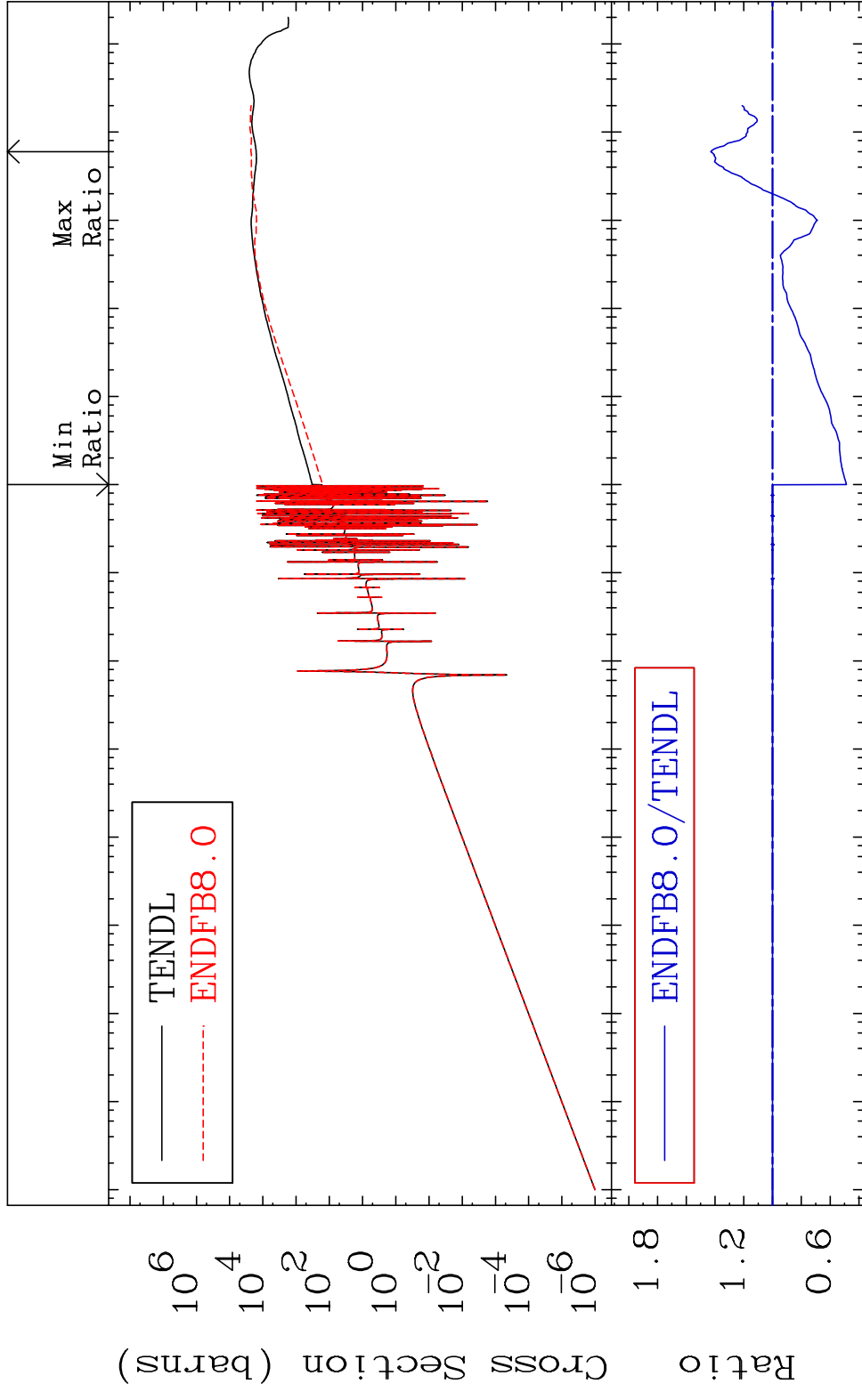
Incident Energy (eV)

96-Cm-244

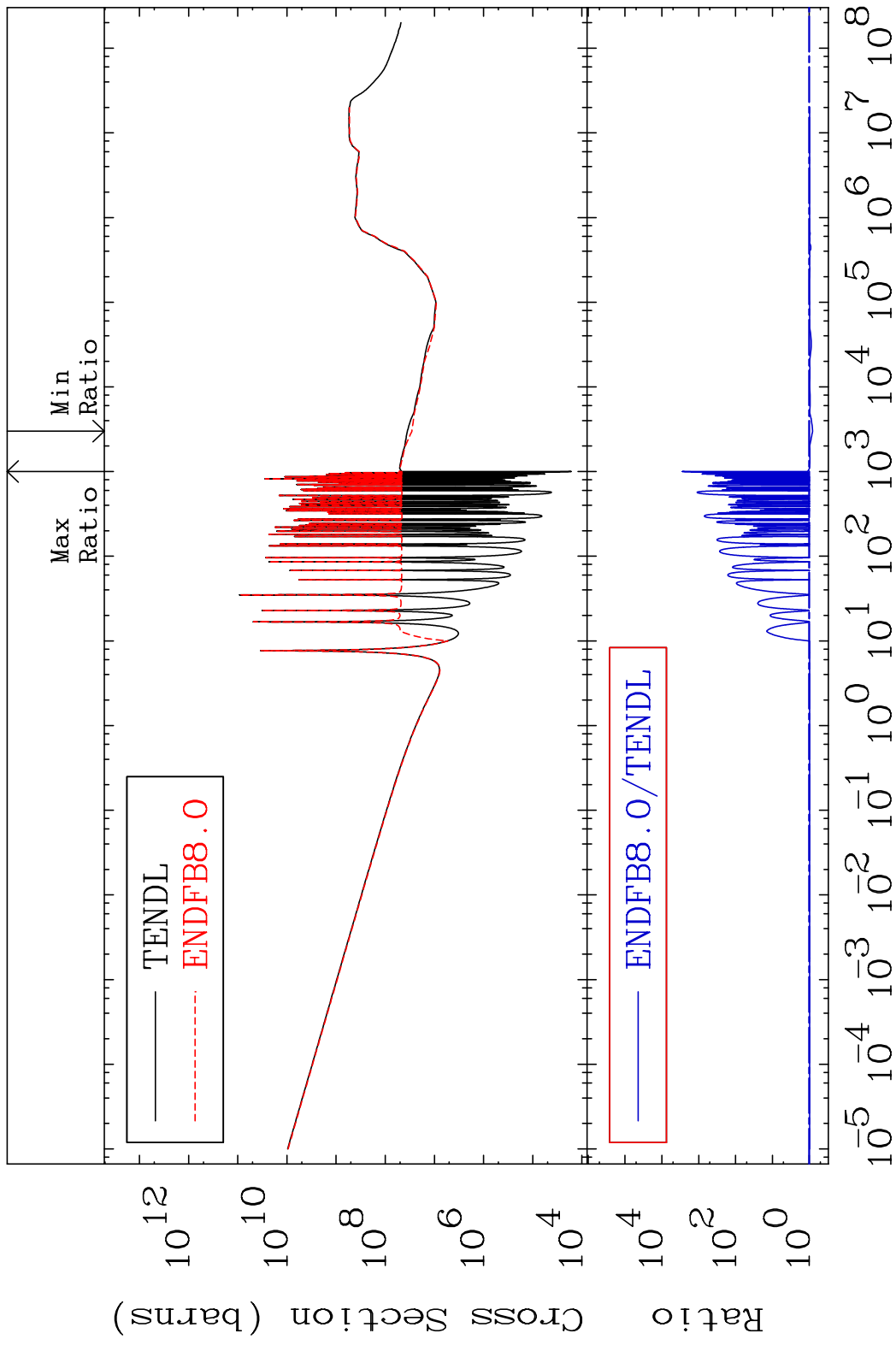
MAT 9637

Kerma elastic
Cross Section -51.26 To 43.00 %

96-Cm-244

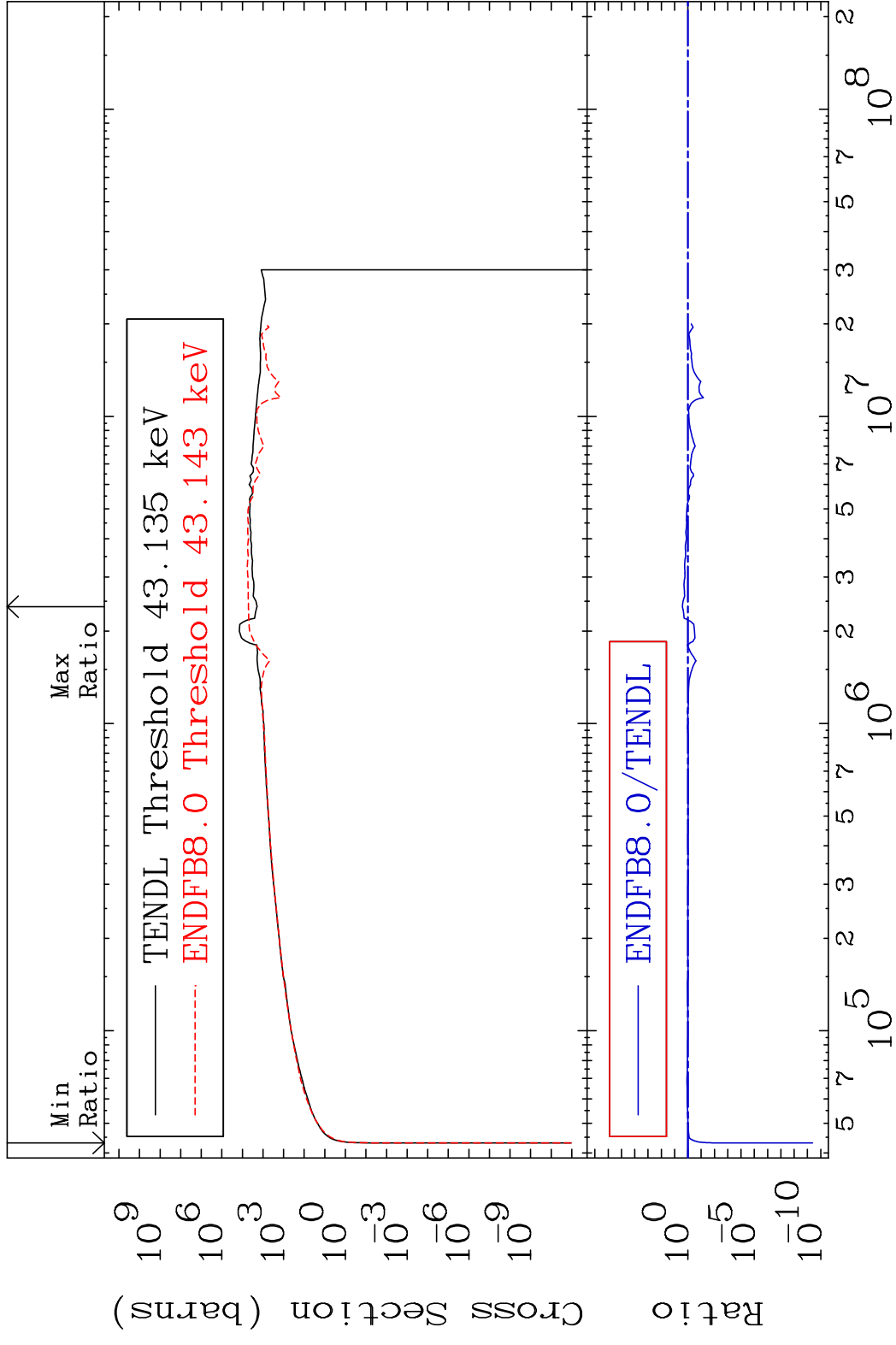


MAT 9637 Kerma non-elastic (all but mt2) 96-Cm-244
 Cross Section -18.57 To 9999. %

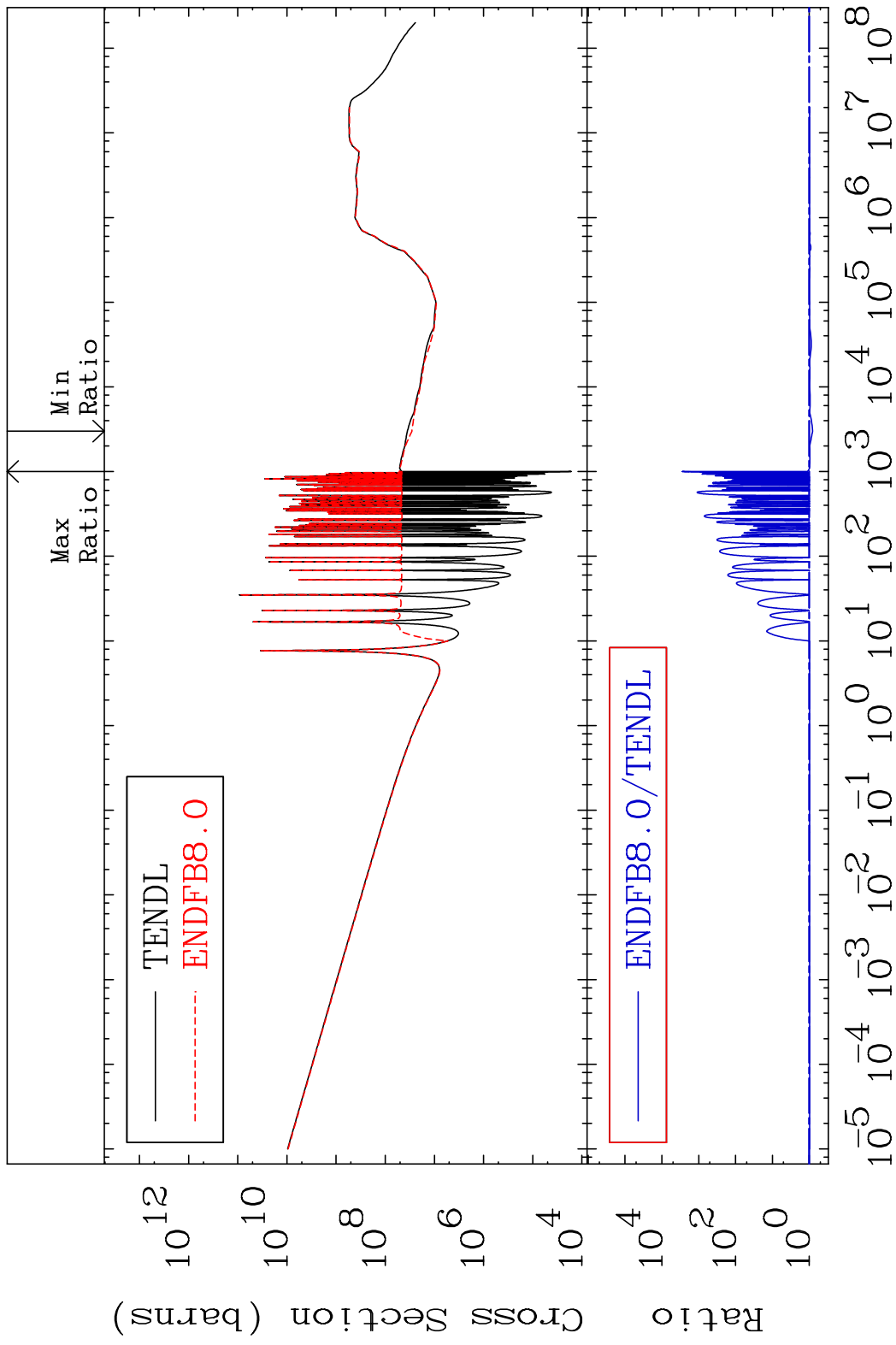


26 Incident Energy (eV) 96-Cm-244

MAT 9637 Kerma inelastic (mt51-91) 96-Cm-244
 Cross Section -100.0 To 161.0 %

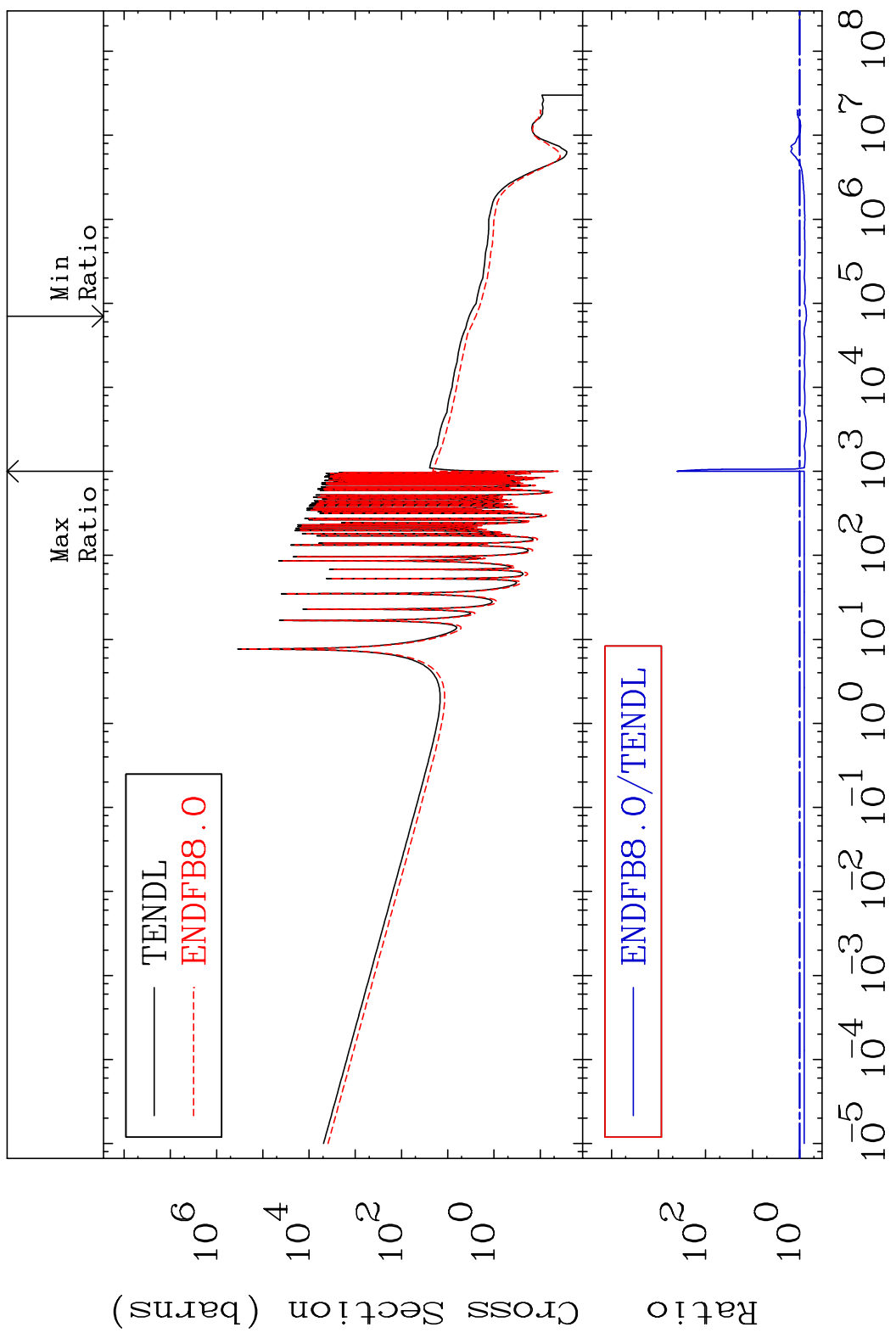


MAT 9637 Kerma fission (mt18 or mt19-20-21-38) 96-Cm-244
 Cross Section -18.57 To 9999. %



MAT 9637

Kerma capture (mt102) 96-Cm-244
Cross Section -28.04 To 9999. %

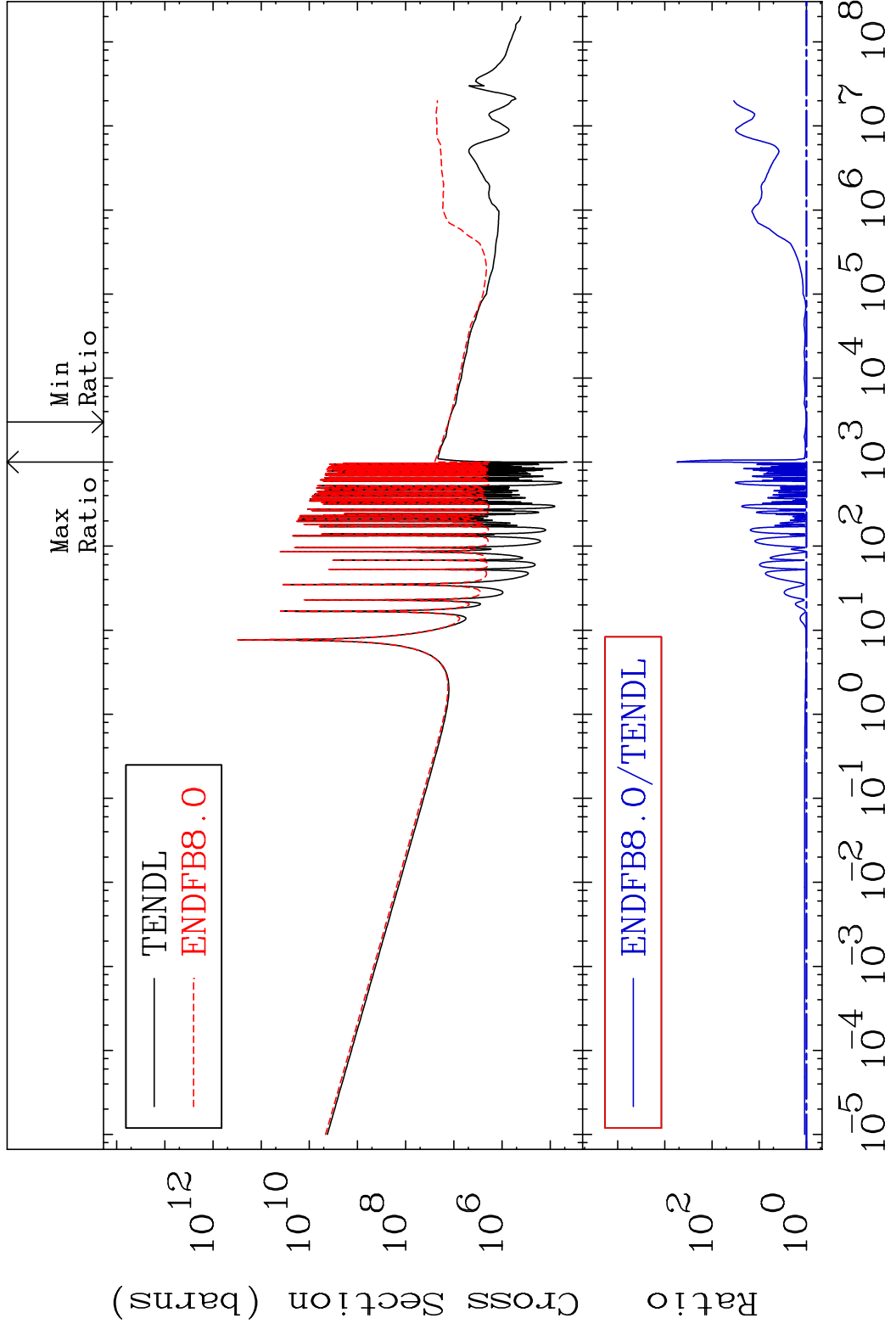


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Incident Energy (eV) 96-Cm-244

MAT 9637

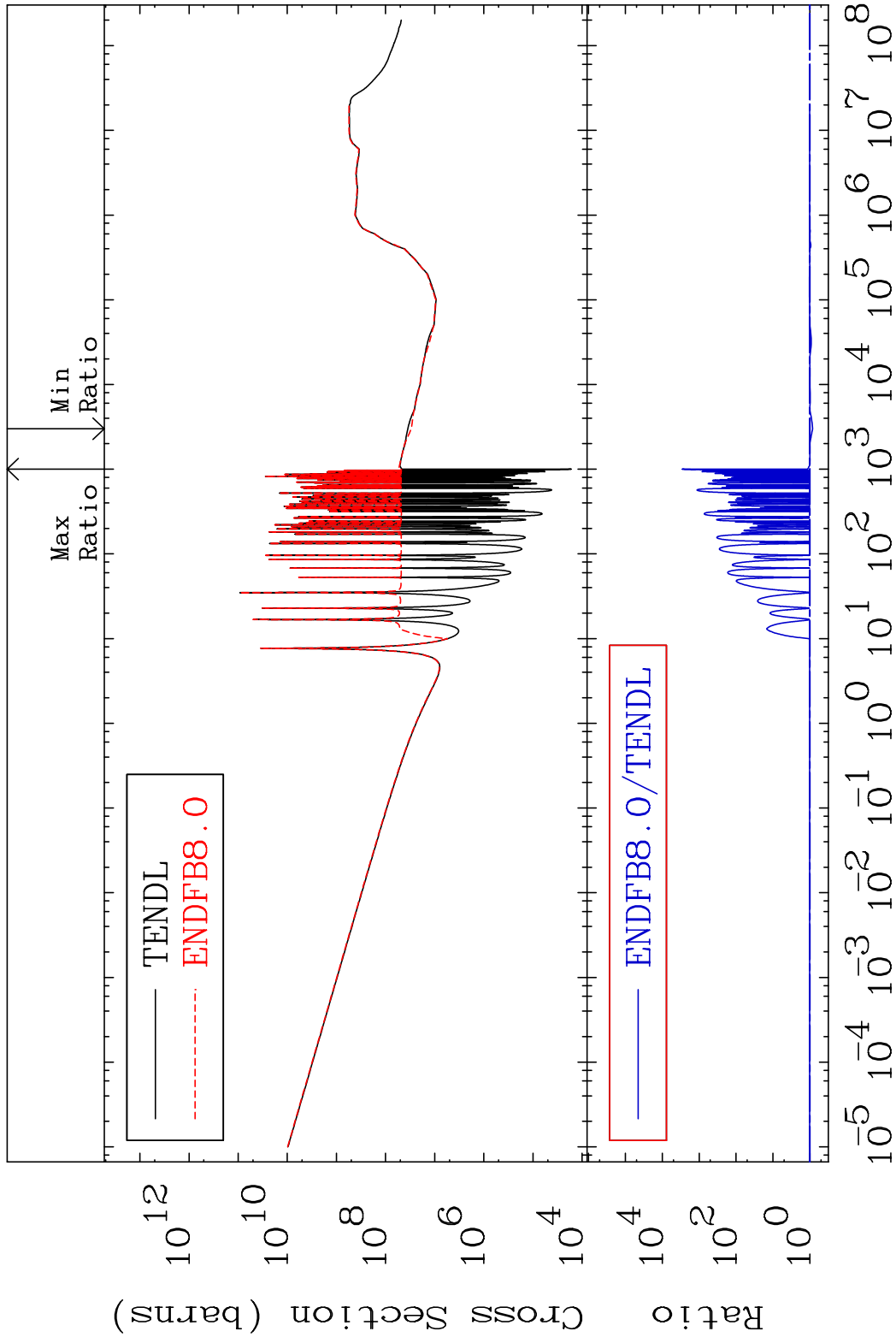
Total photon (eV-barns) 96-Cm-244
Cross Section -0.074 To 9999. %



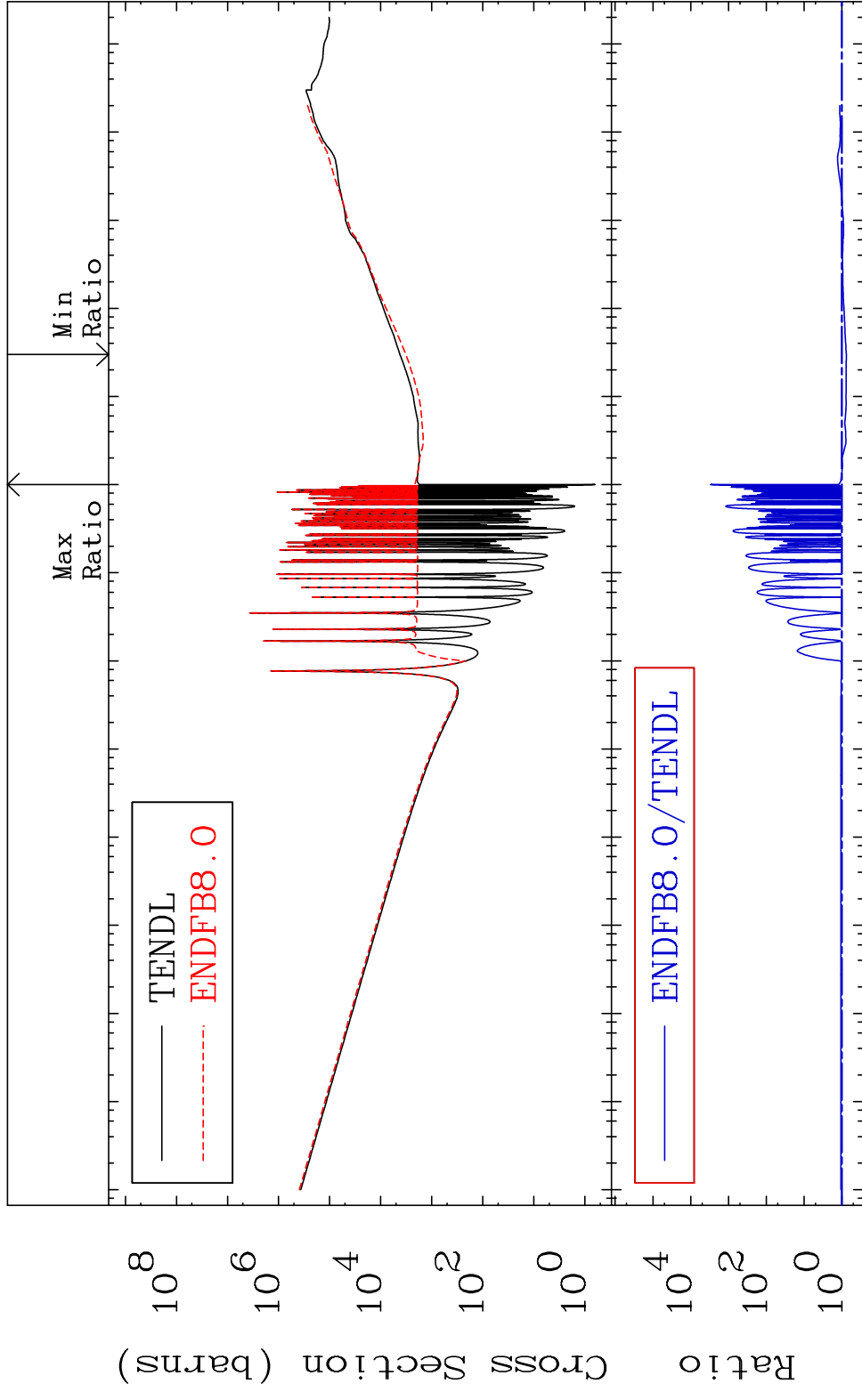
30

Incident Energy (eV) 96-Cm-244

MAT 9637 Total kinematic kerma (high limit) 96-Cm-244
 Cross Section -15.40 To 9999. %



MAT 9637 Dpa total (eV-barns) 96-Cm-244
 Cross Section -23.31 To 9999. %



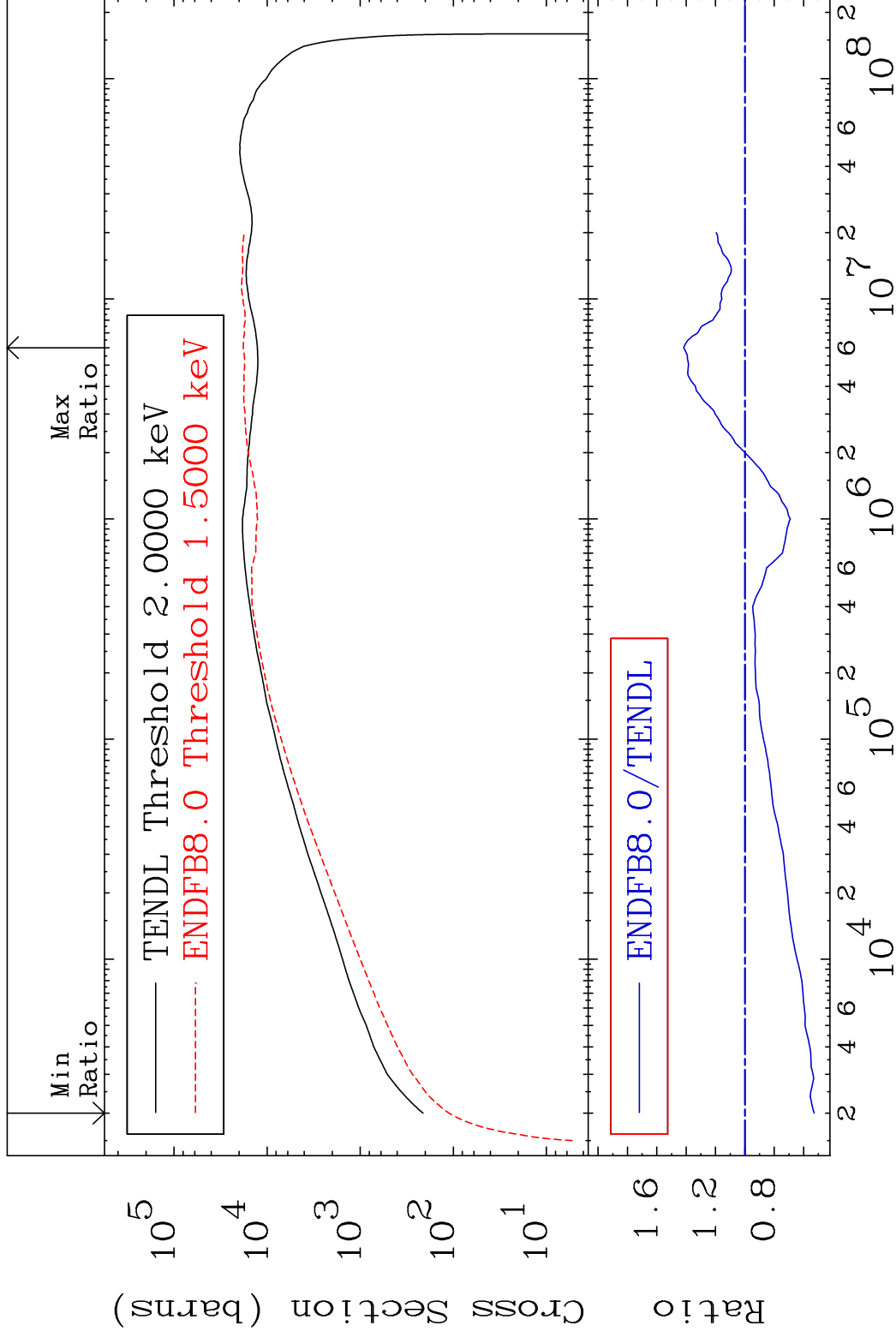
32 Incident Energy (eV) 96-Cm-244

MAT 9637

Dpa elastic (mt2)

96-Cm-244

Cross Section -47.15 To 41.71 %

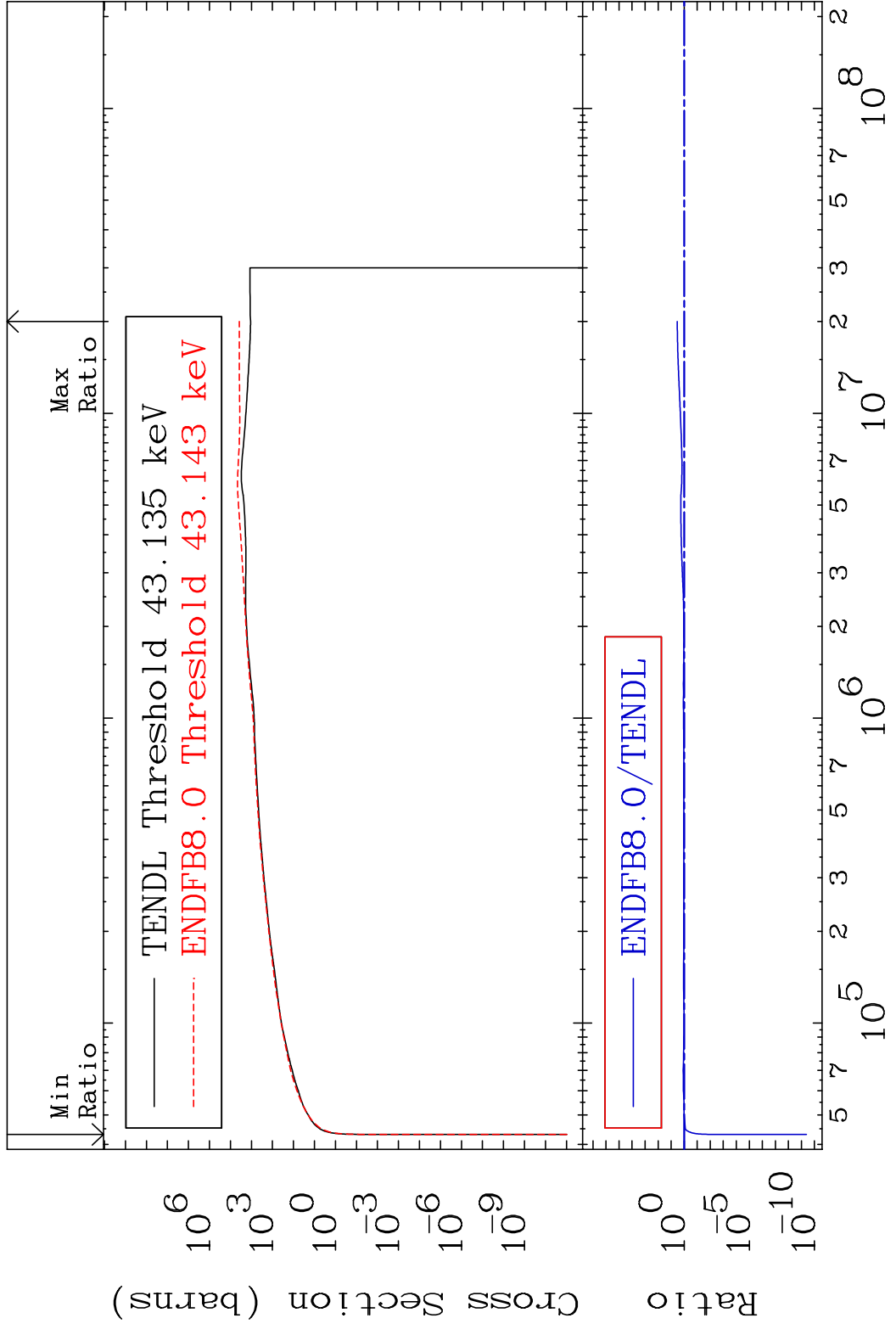


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Incident Energy (eV)

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. %

