

Program Complot
(Version 2021-1)

by

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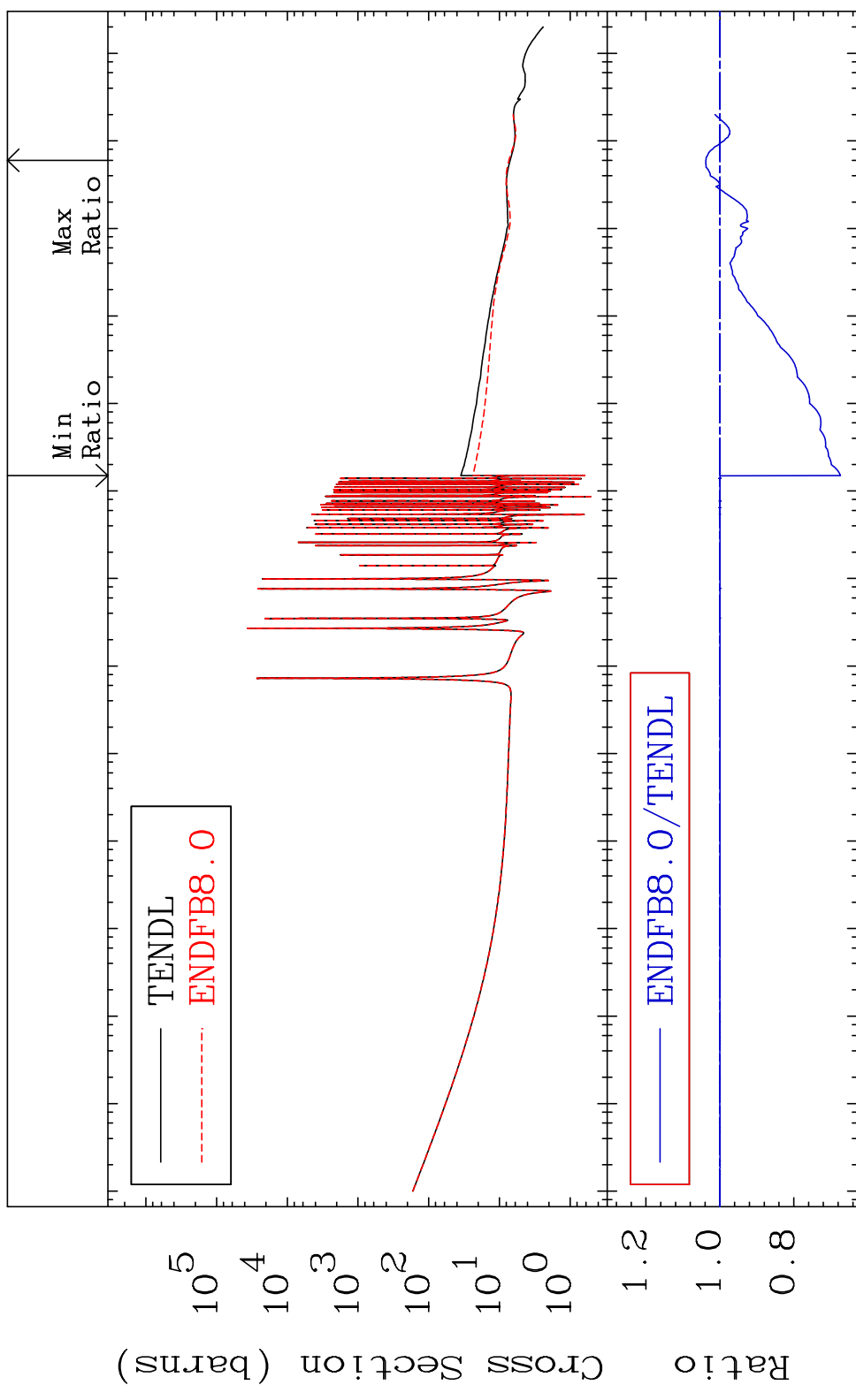
Press Mouse Button to Start

MAT 9649

Total

96-Cm-248

Cross Section -32.62 To 3.822 %



1

Incident Energy (eV)

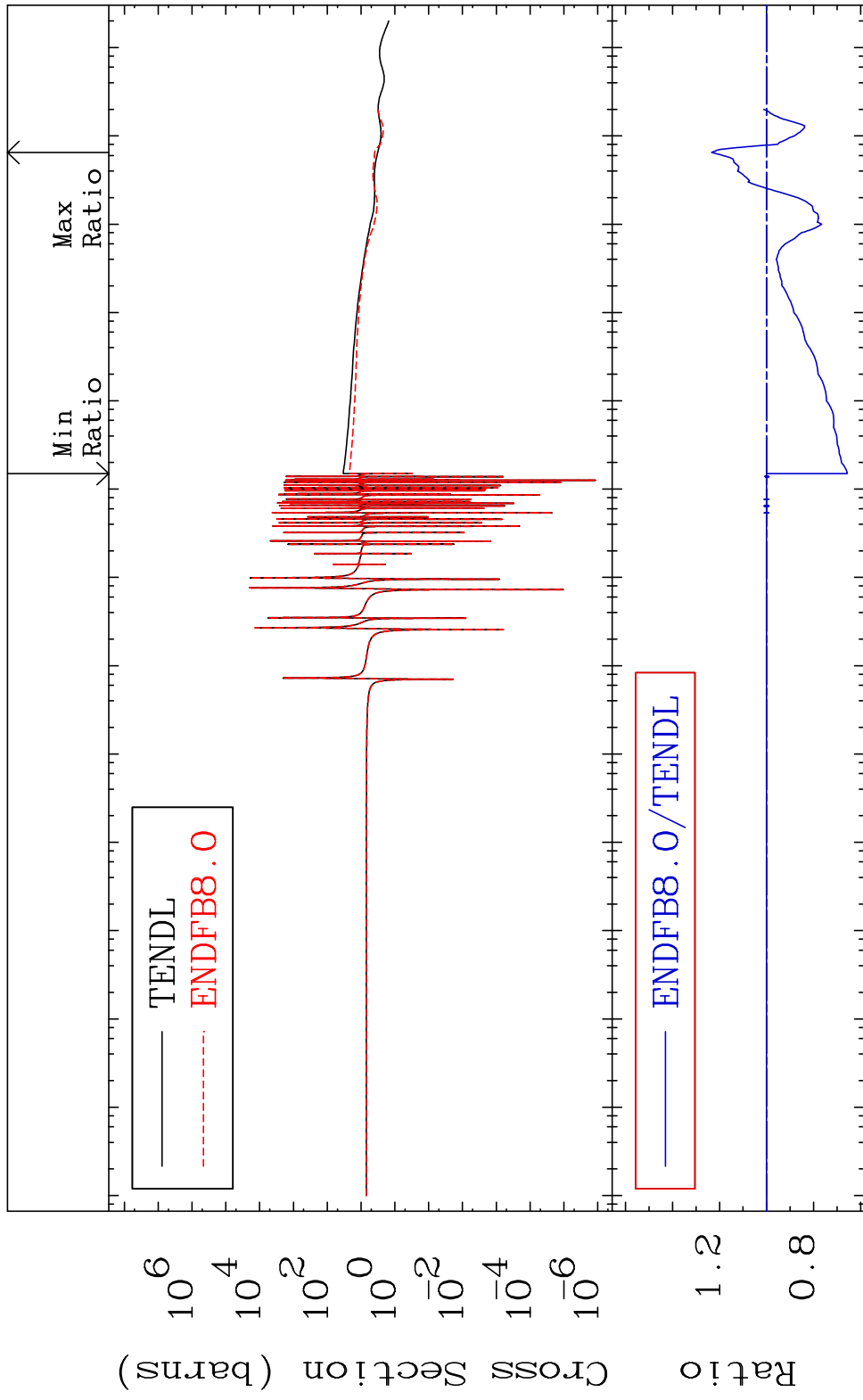
96-Cm-248

MAT 9649

Elastic

96-Cm-248

Cross Section -34.35 To 23.41 %

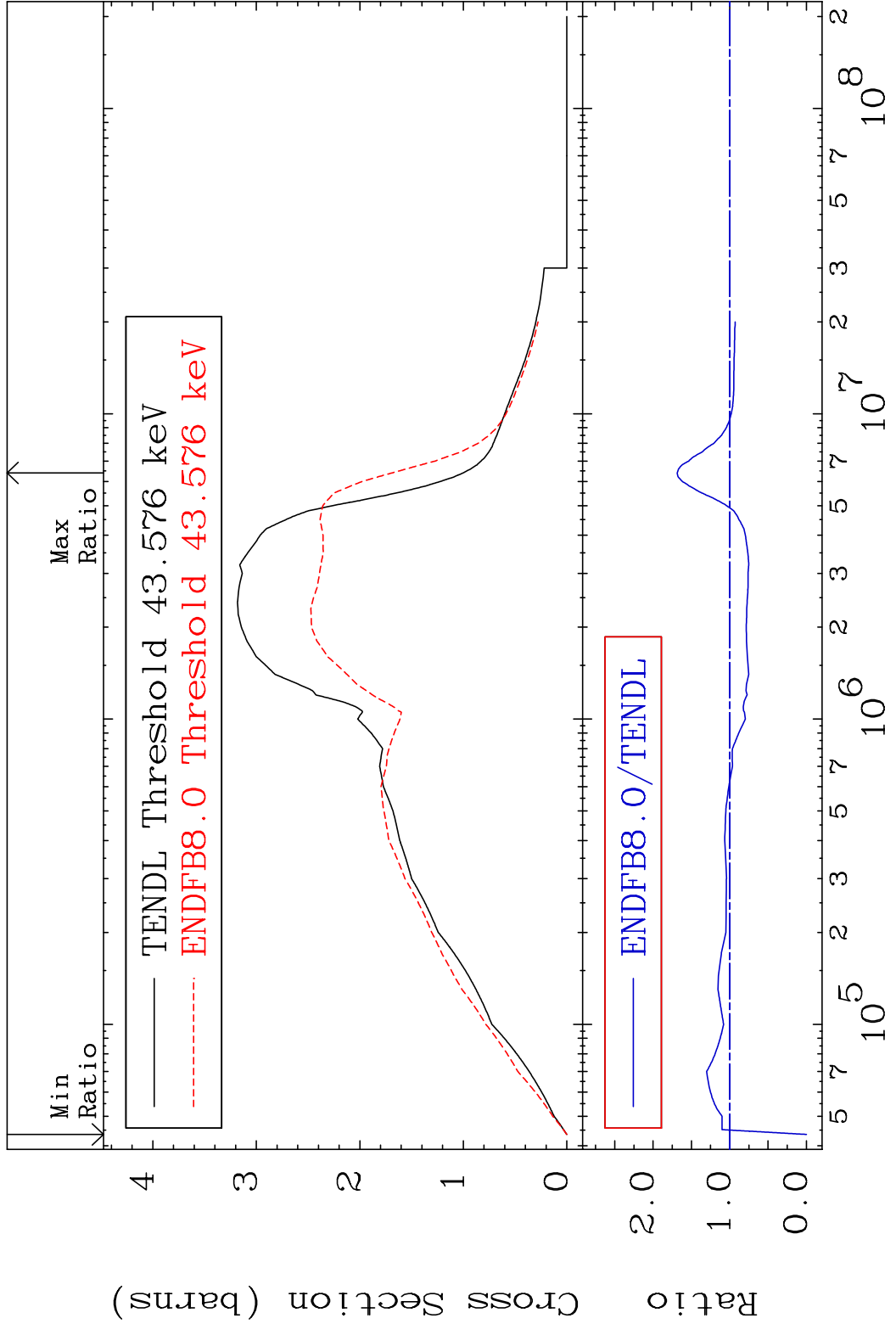


2

Incident Energy (eV)

96-Cm-248

MAT 9649 Inelastic 96-Cm-248
Cross Section -100.0 To 68.57 %

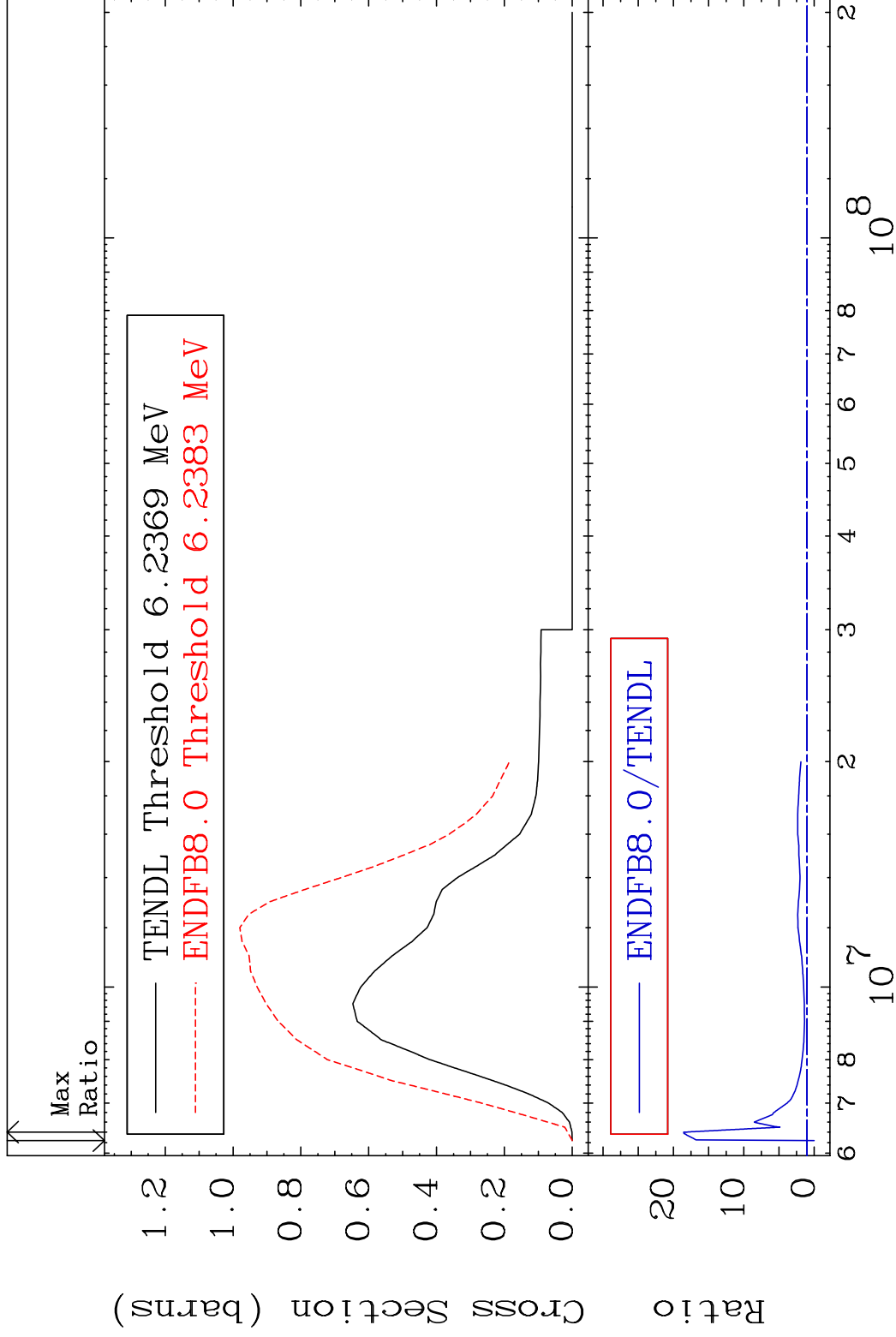


MAT 9649

(n,2n)

96-Cm-248

Cross Section -100.0 To 1753. %

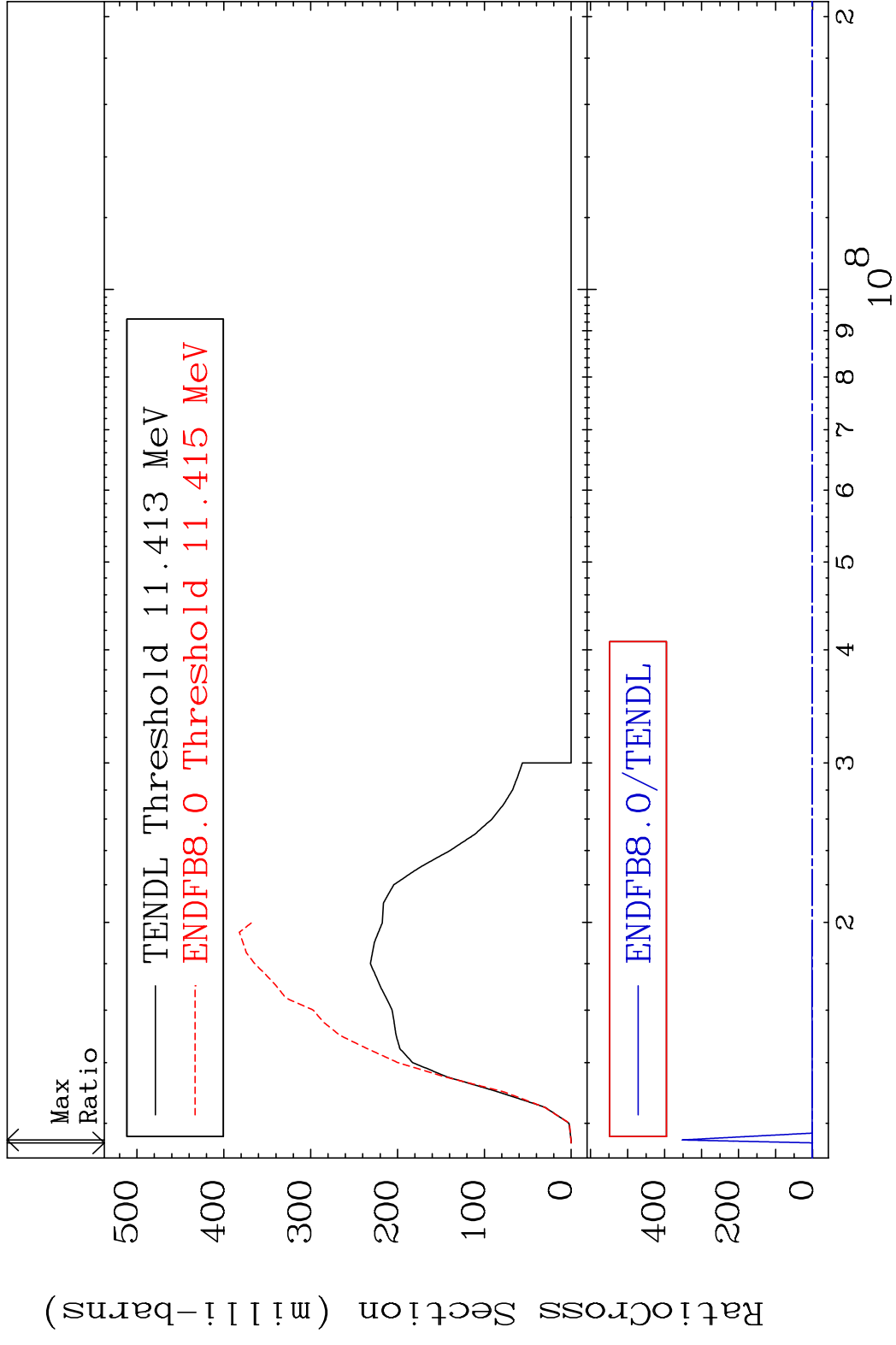


4

Incident Energy (eV)

96-Cm-248

MAT 9649 (n,3n) 96-Cm-248
 Cross Section -100.0 To 9999. %



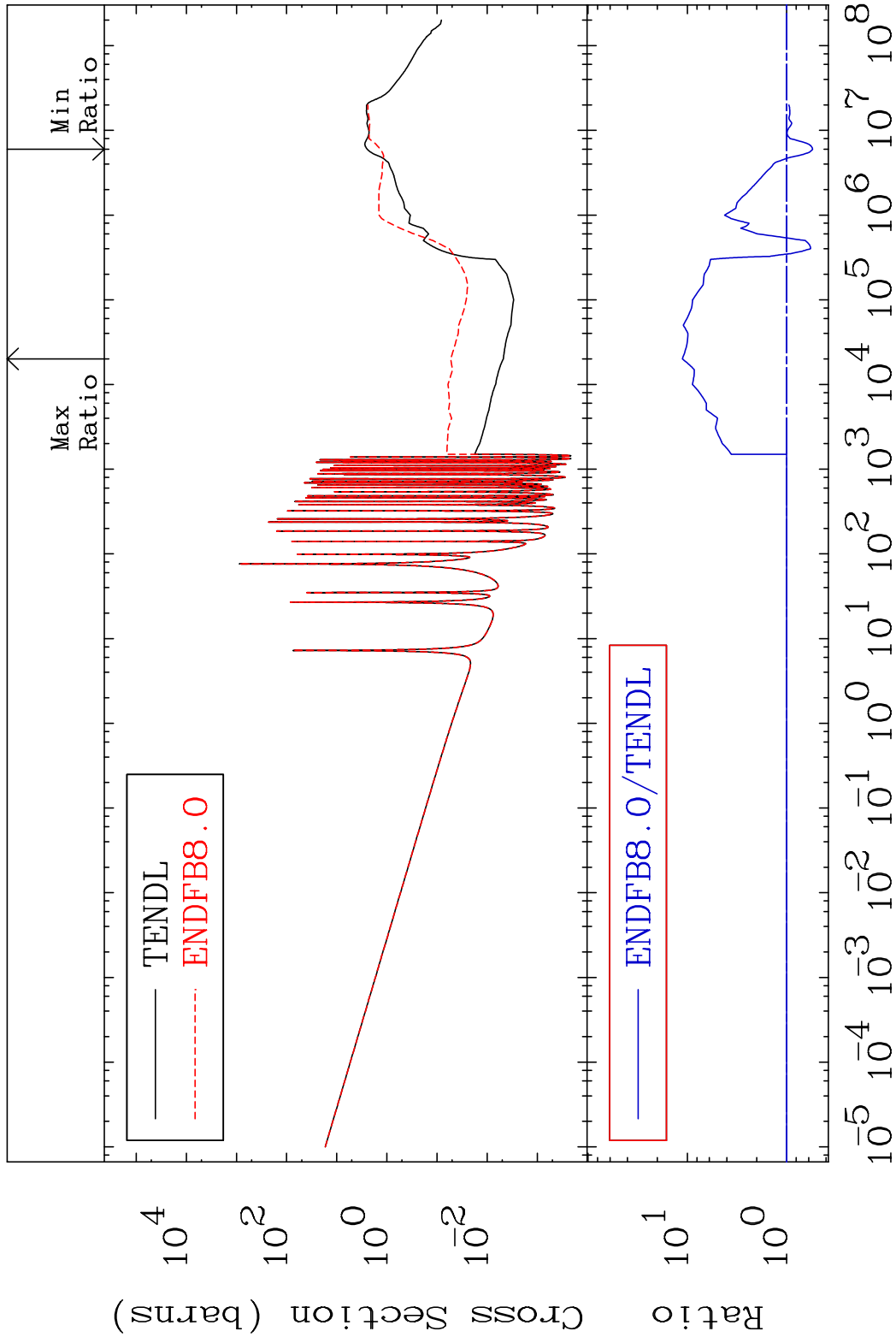
5 96-Cm-248

MAT 9649

Fission

96-Cm-248

Cross Section -45.22 To 1021. %



6

Incident Energy (eV)

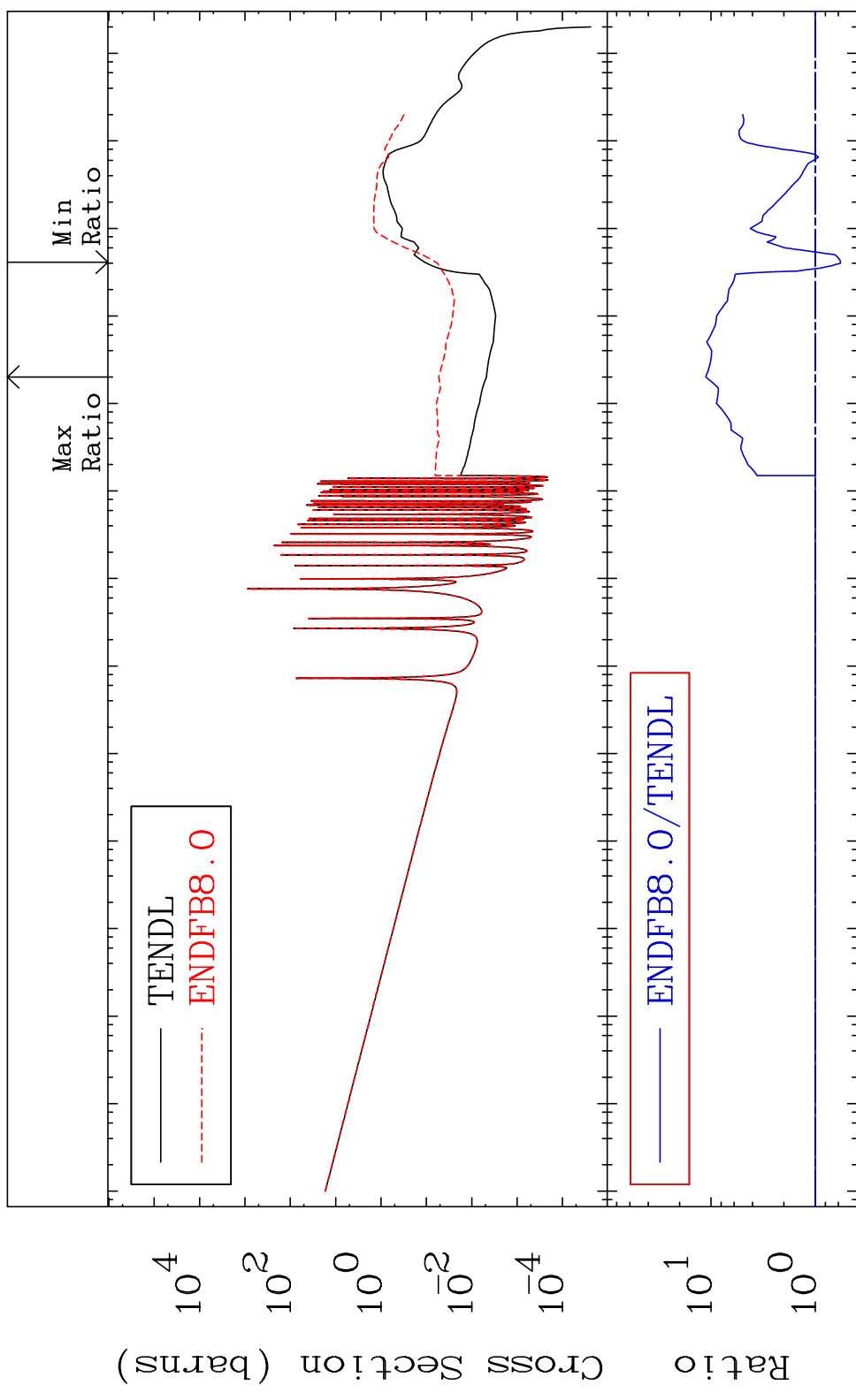
96-Cm-248

MAT 9649

(n,f) First Chance

96-Cm-248

Cross Section -42.61 To 1021. %



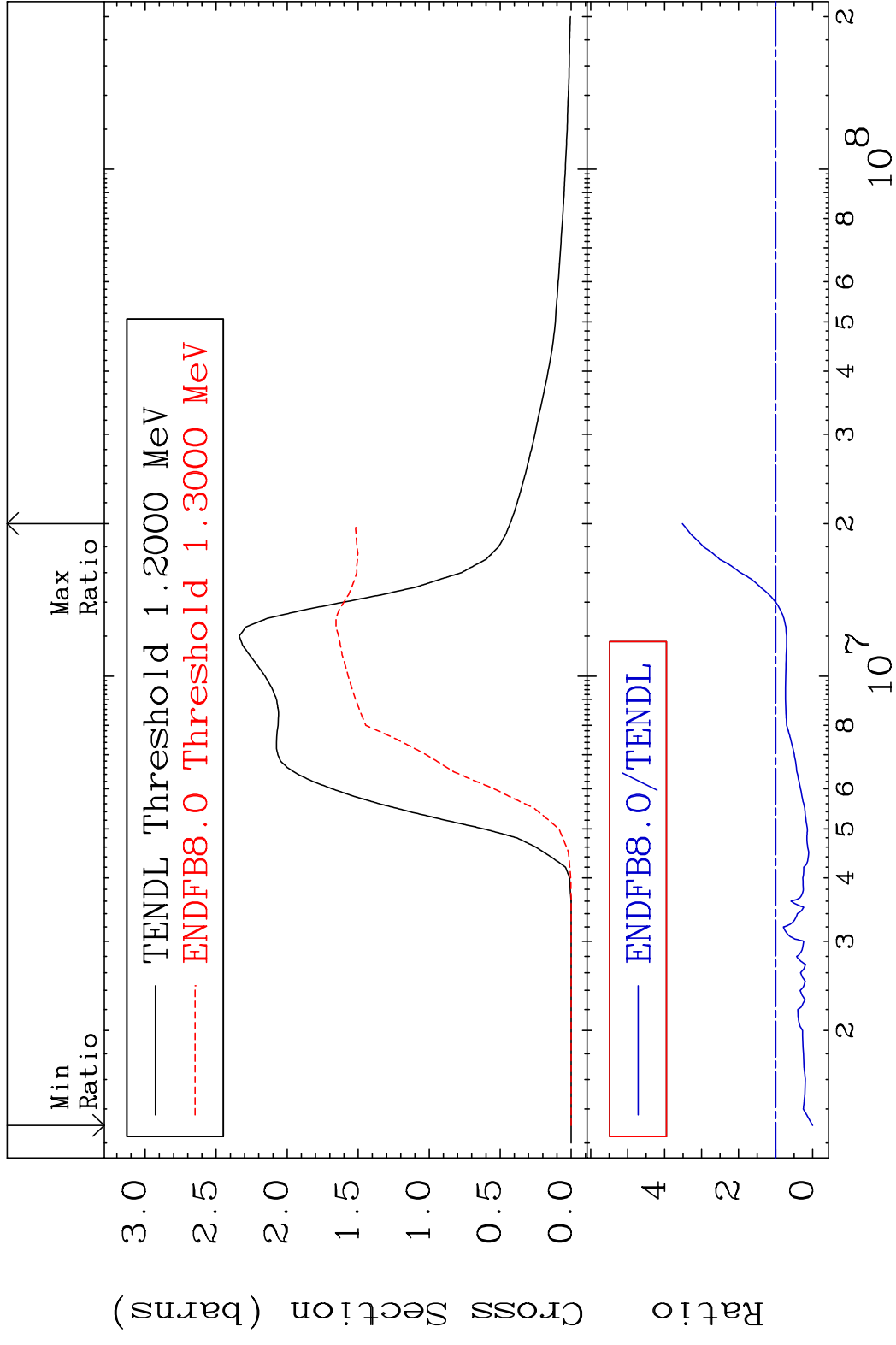
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

7

Incident Energy (eV)

96-Cm-248

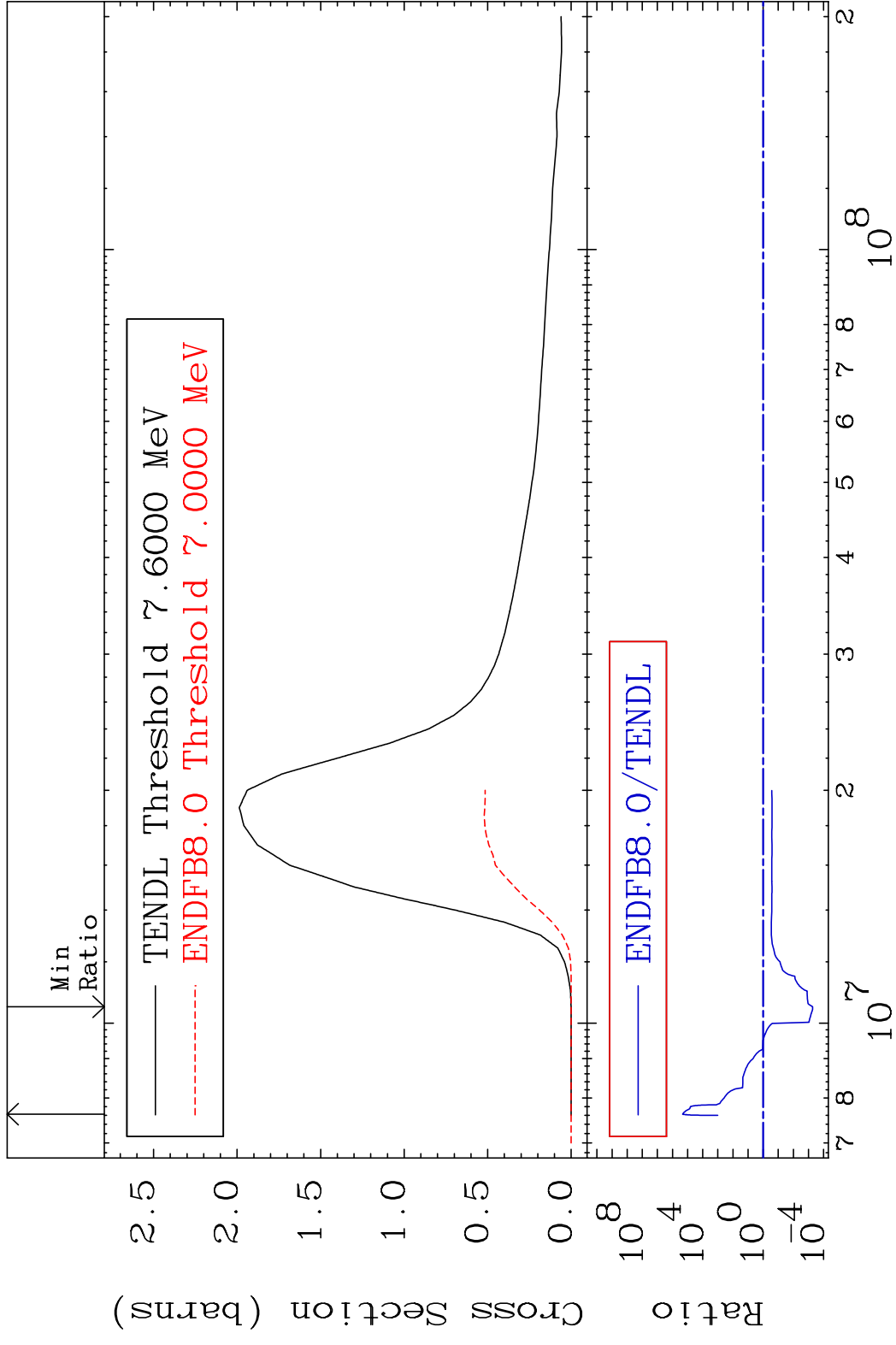
MAT 9649 (n, nf) Second Chance 96-Cm-248
 Cross Section -100.0 To 252.1 %



8 Incident Energy (eV) 96-Cm-248

MAT 9649

(n,2nf) Third Chance 96-Cm-248
Cross Section -99.95 To 9999. %

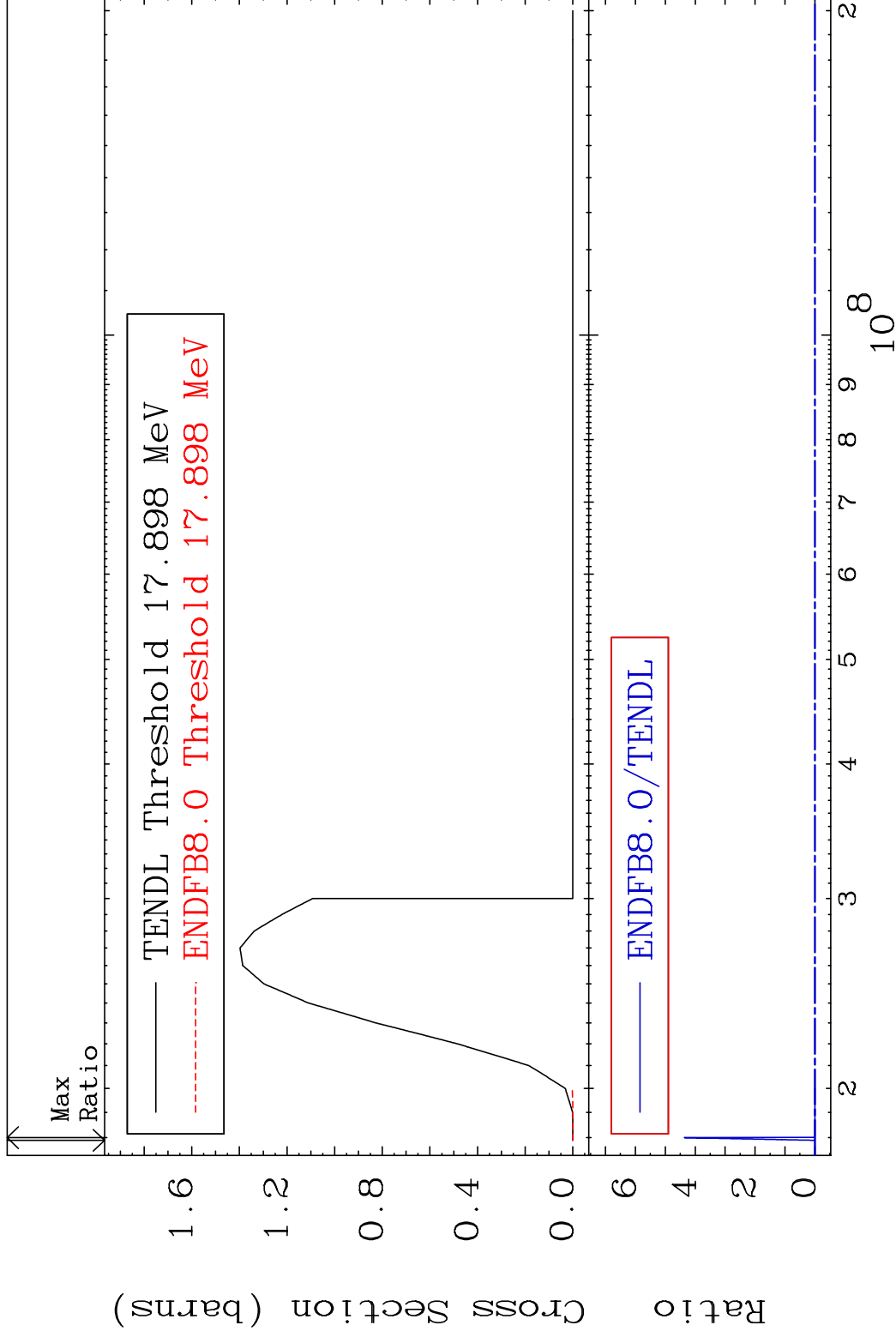


MAT 9649

(n, 4n)

96-Cm-248

Cross Section -100.0 To 9999. %

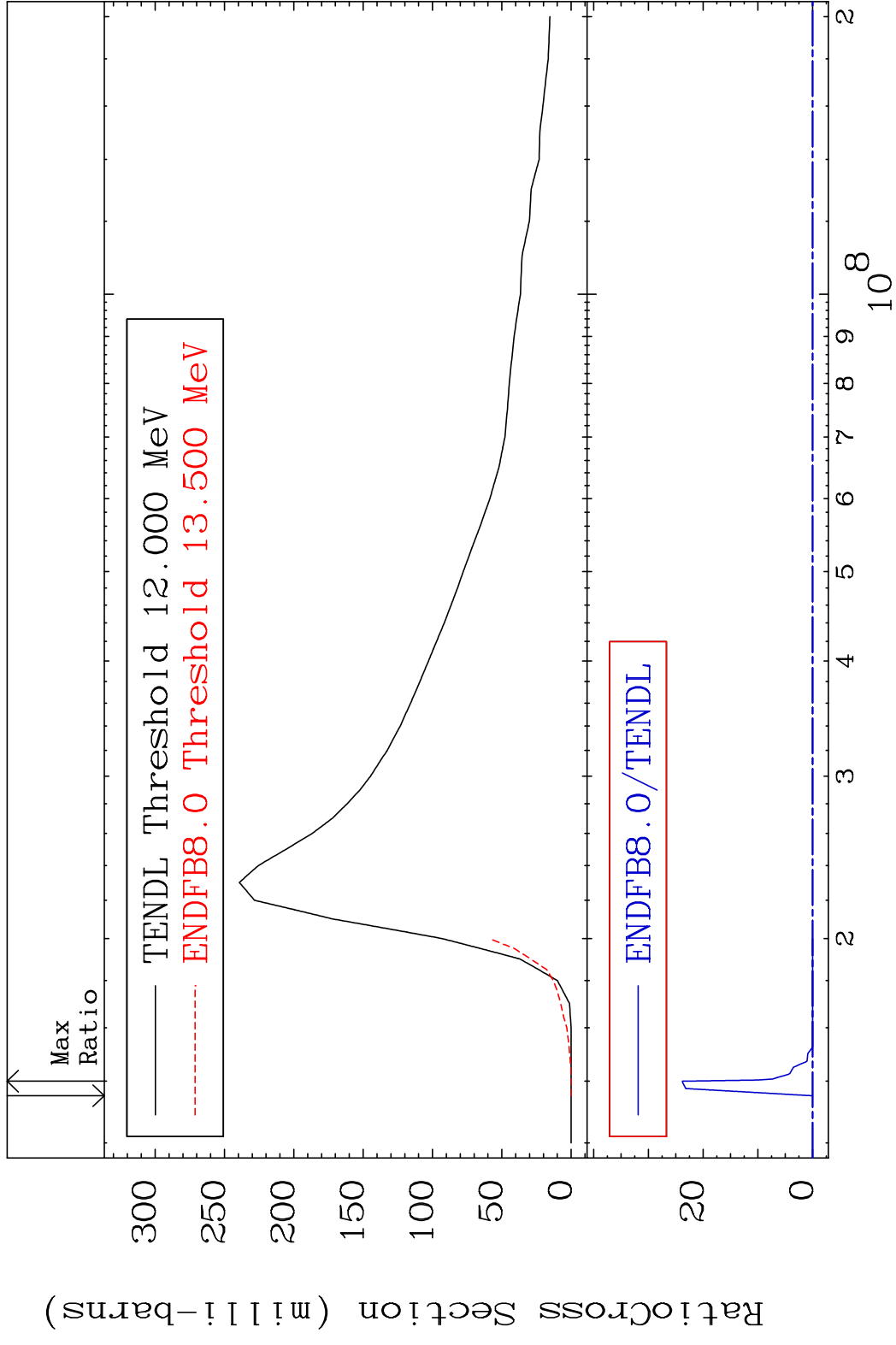


10

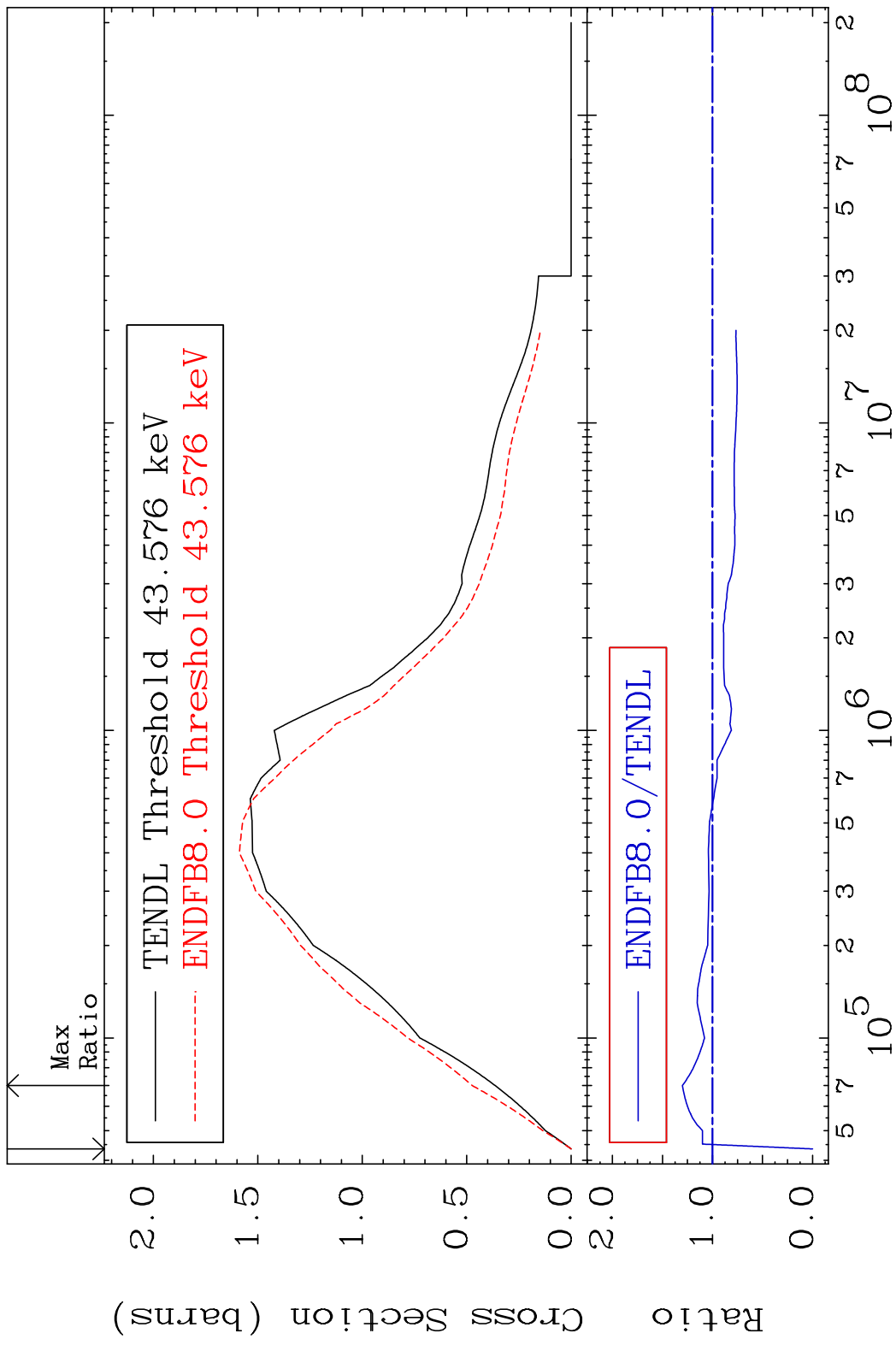
Incident Energy (eV)

96-Cm-248

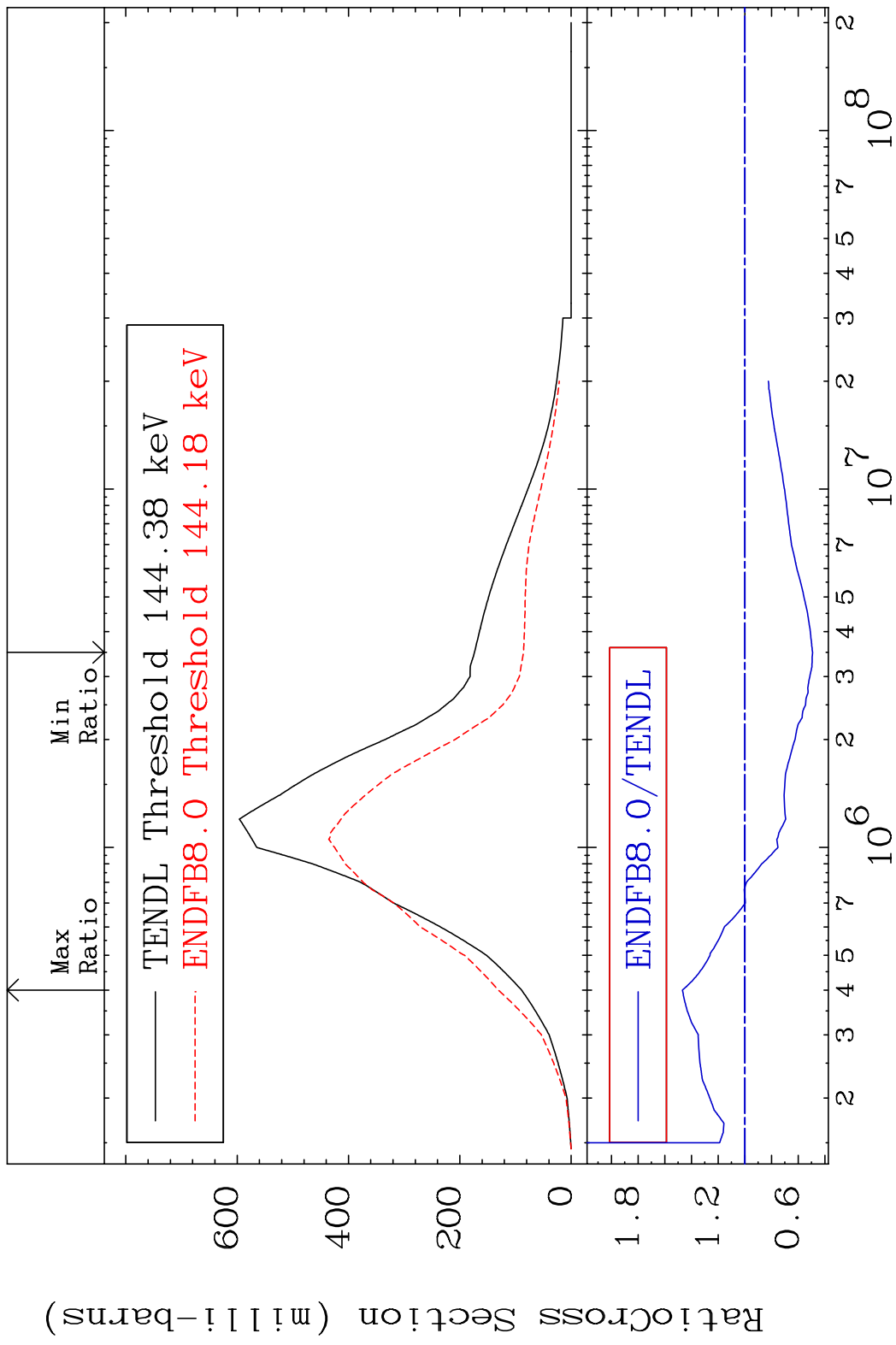
MAT 9649 (n,3nf) Fourth Chance 96-Cm-248
 Cross Section -100.0 To 9999. %



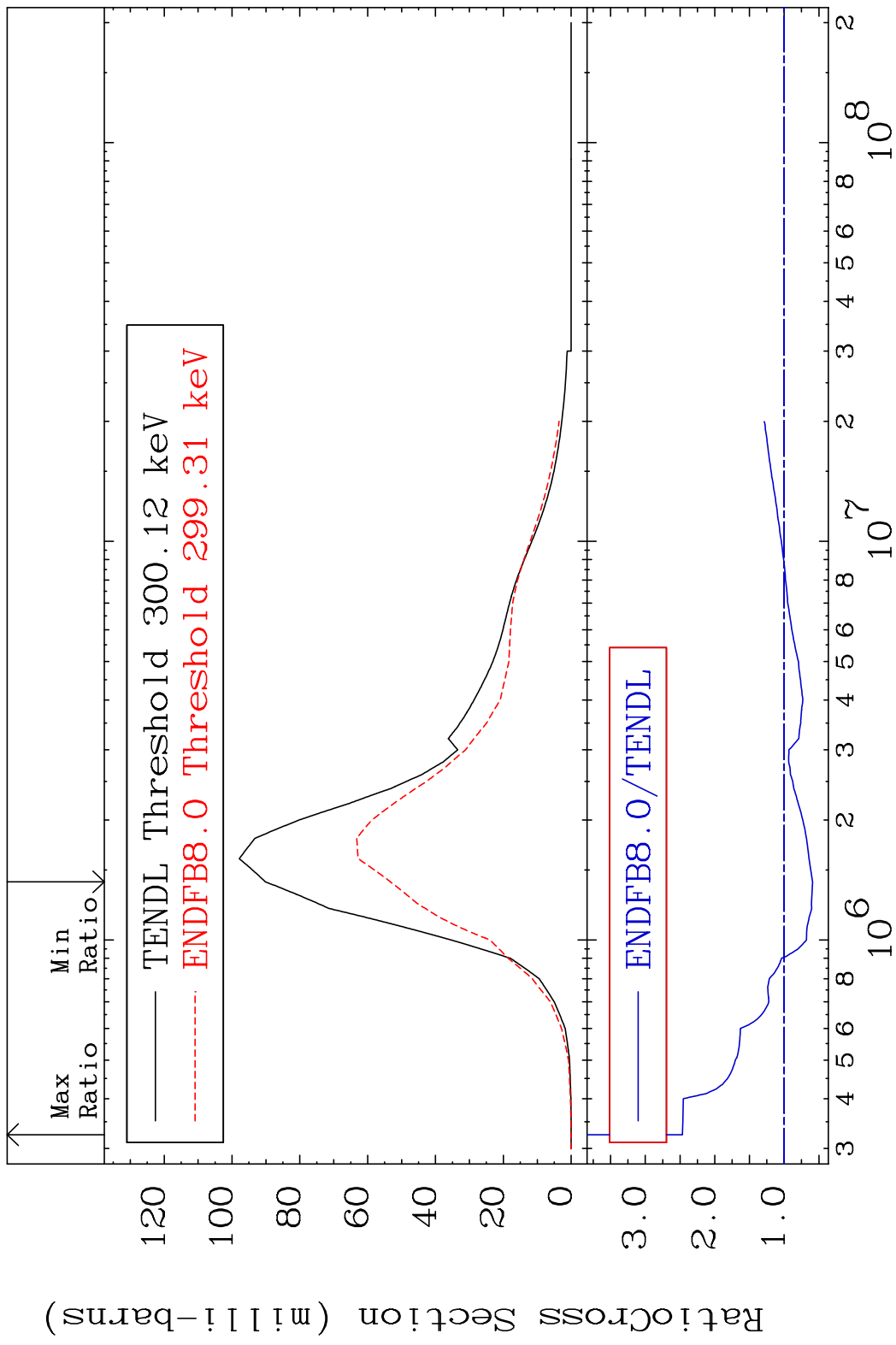
MAT 9649 MT= 51 (n, n') Level 96-Cm-248
 Cross Section -100.0 To 30.16 %



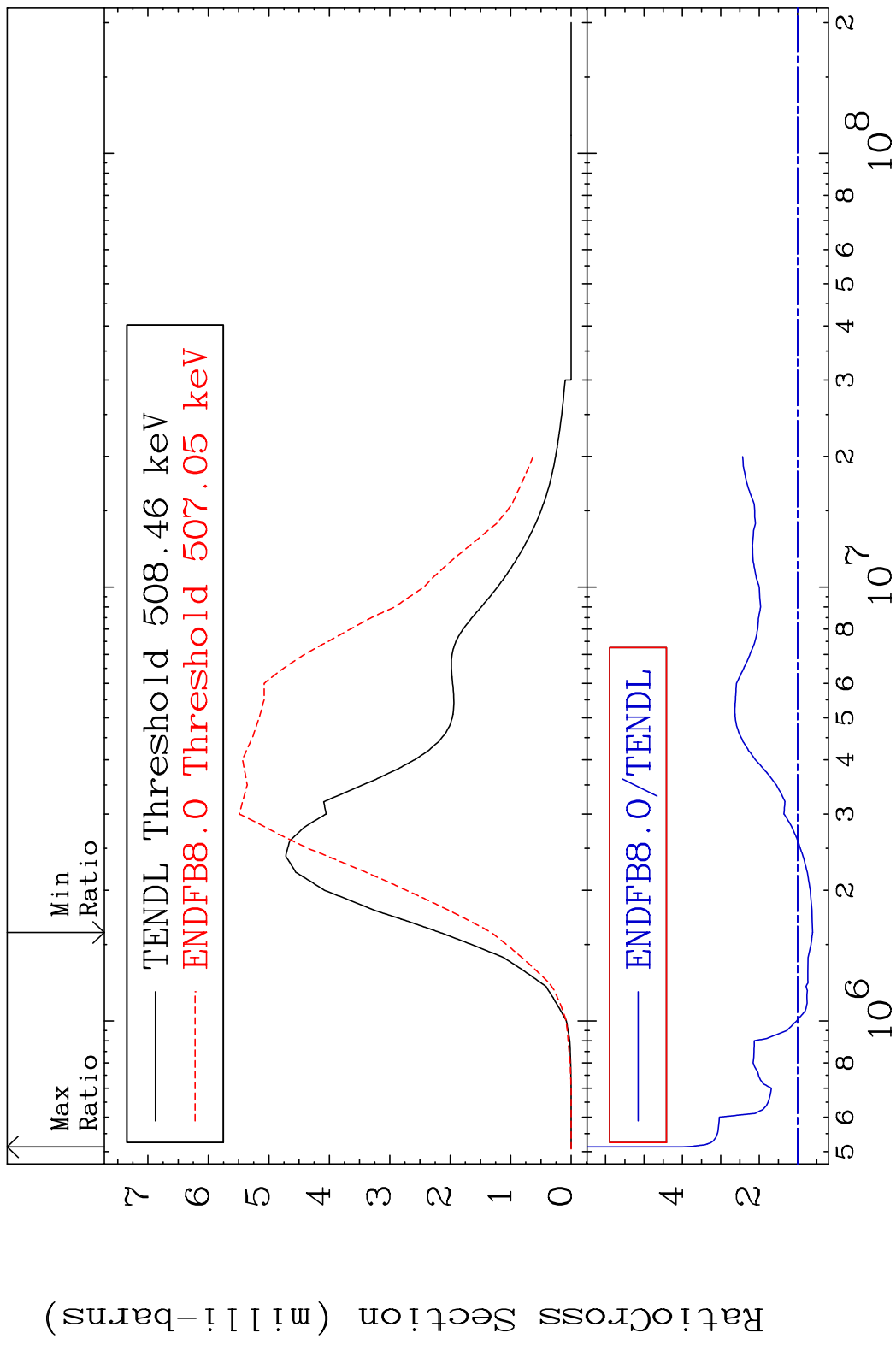
MAT 9649 MT= 52 (n, n') Level 96-Cm-248
 Cross Section -50.75 To 46.85 %



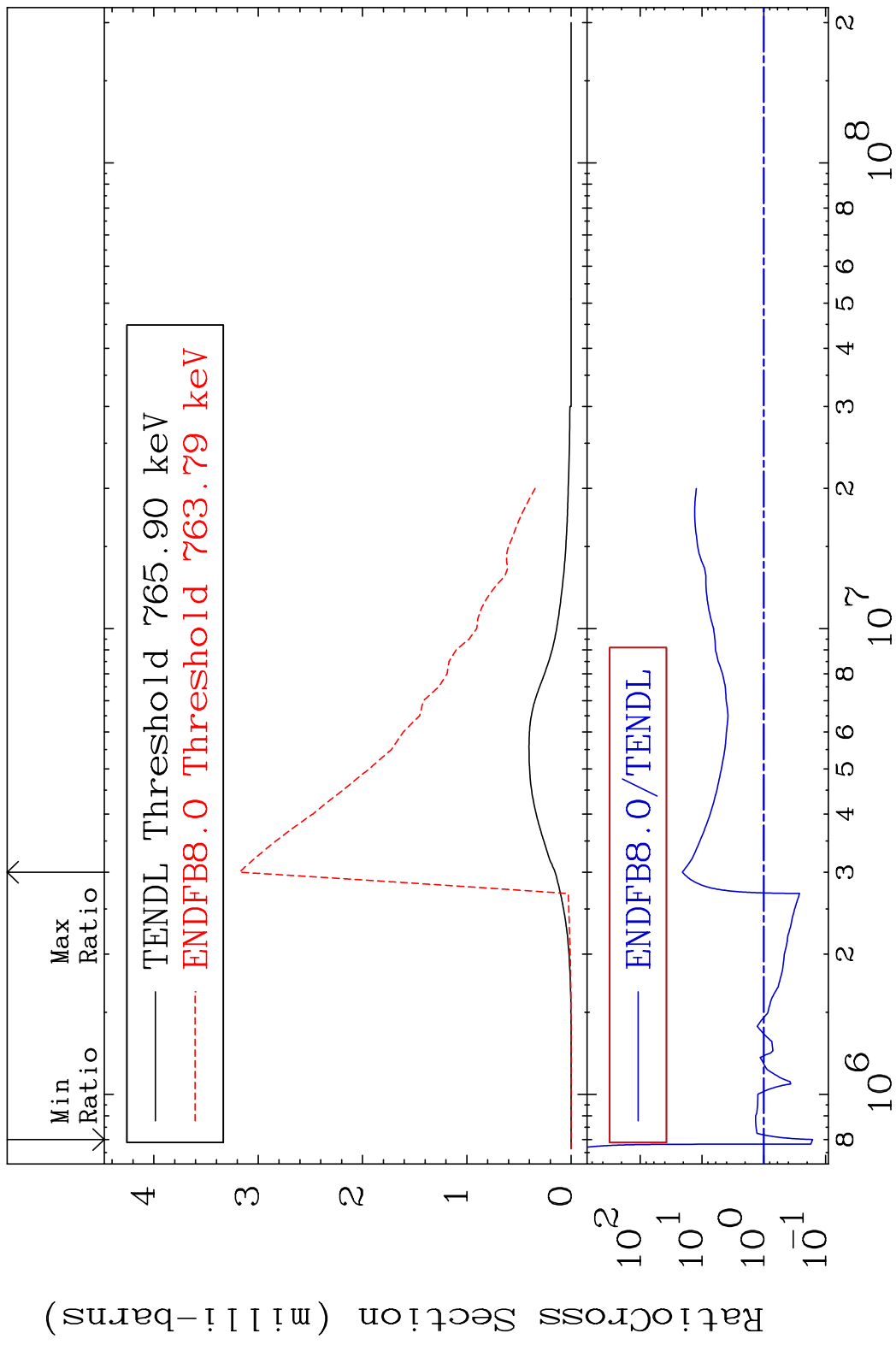
MAT 9649 MT= 53 (n,n') Level 96-Cm-248
 Cross Section -40.88 To 146.6 %



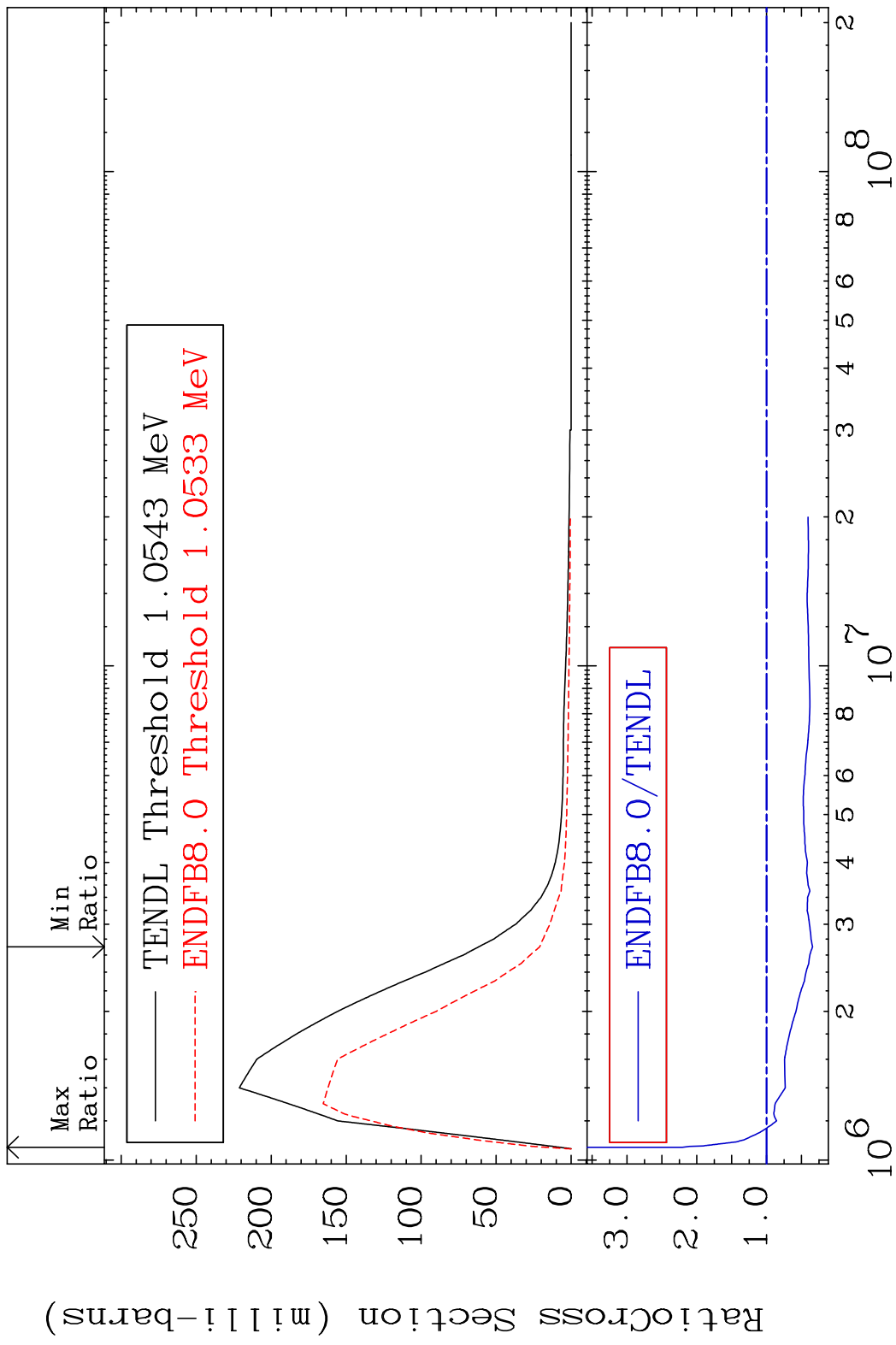
MAT 9649 MT= 54 (n, n') Level 96-Cm-248
 Cross Section -39.14 To 300.1 %



MAT 9649 MT= 55 (n,n') Level 96-Cm-248
 Cross Section -83.70 To 1976. %

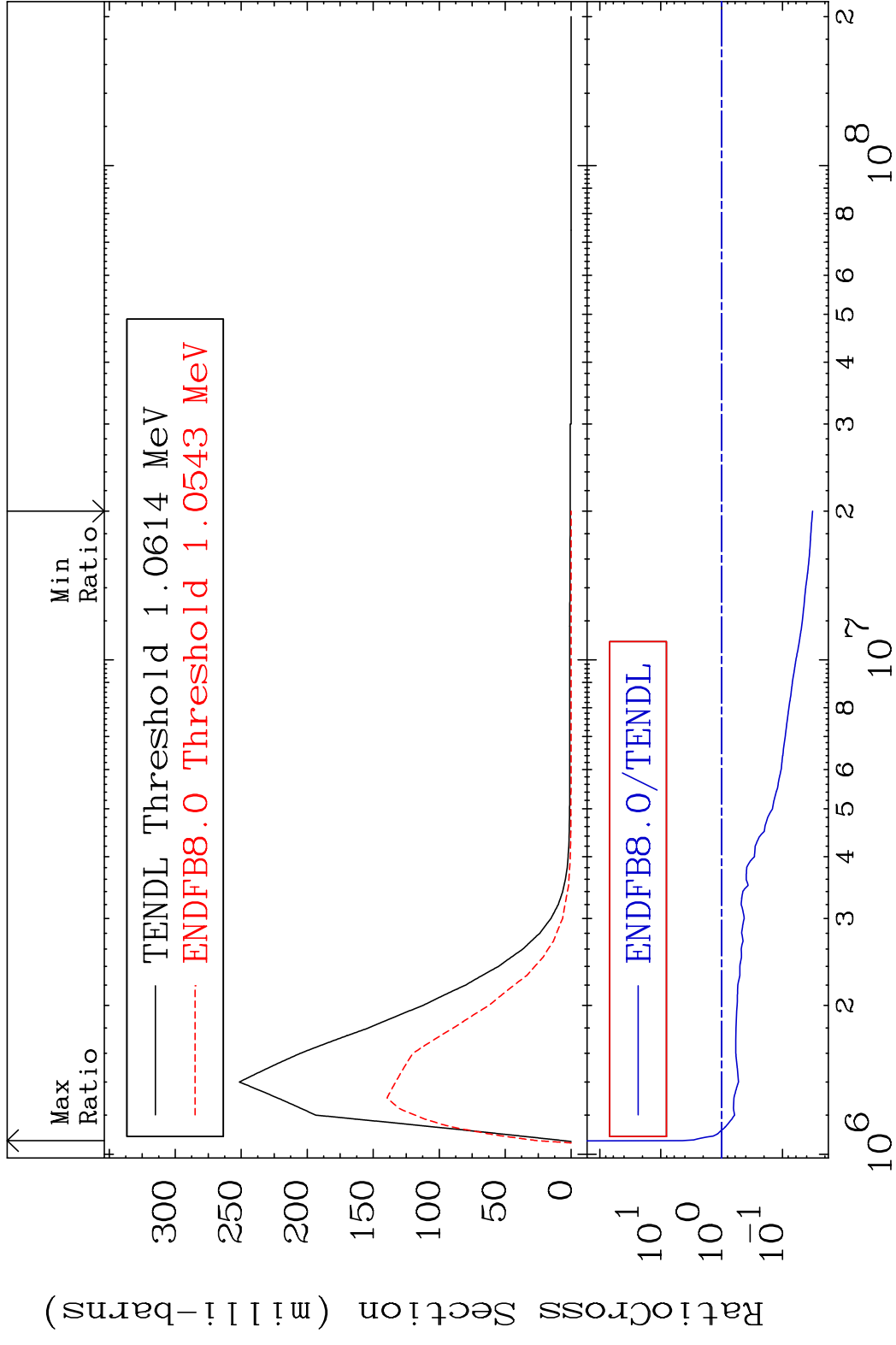


MAT 9649 MT= 56 (n,n') Level 96-Cm-248
 Cross Section -65.90 To 120.7 %



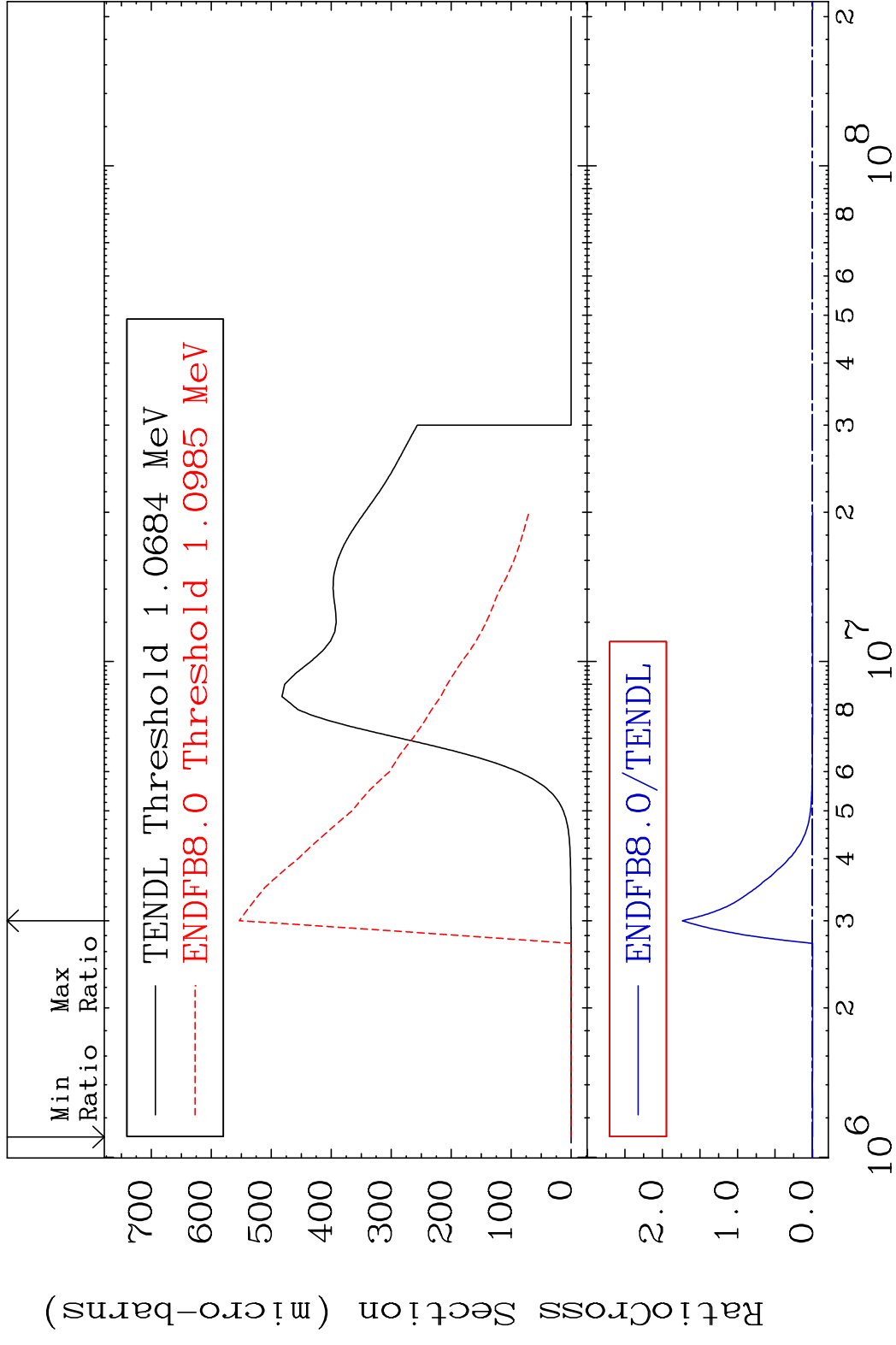
17 Incident Energy (eV) 96-Cm-248

MAT 9649 MT= 57 (n, n') Level 96-Cm-248
 Cross Section -96.80 To 340.9 %

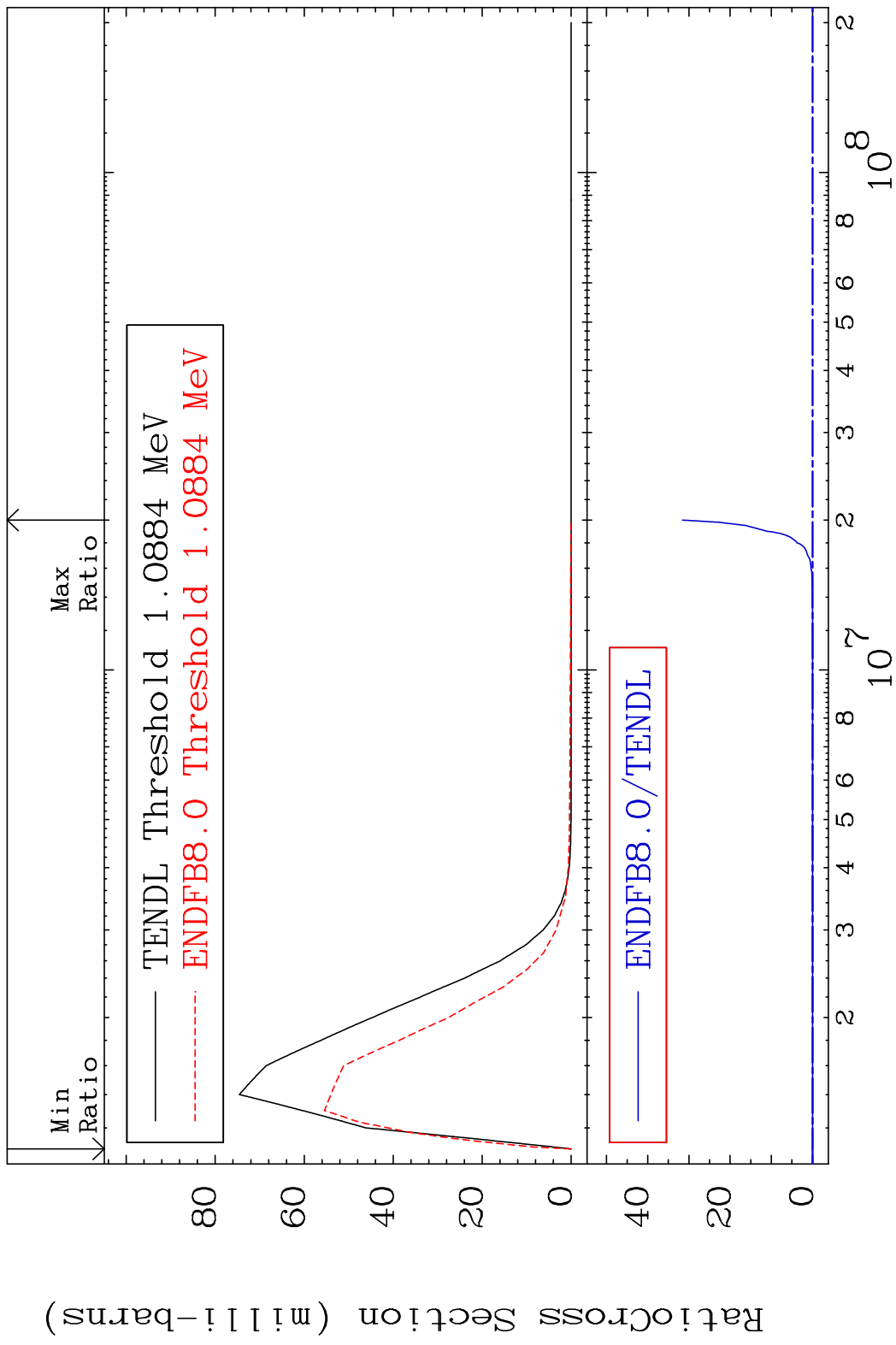


18 Incident Energy (eV) 96-Cm-248

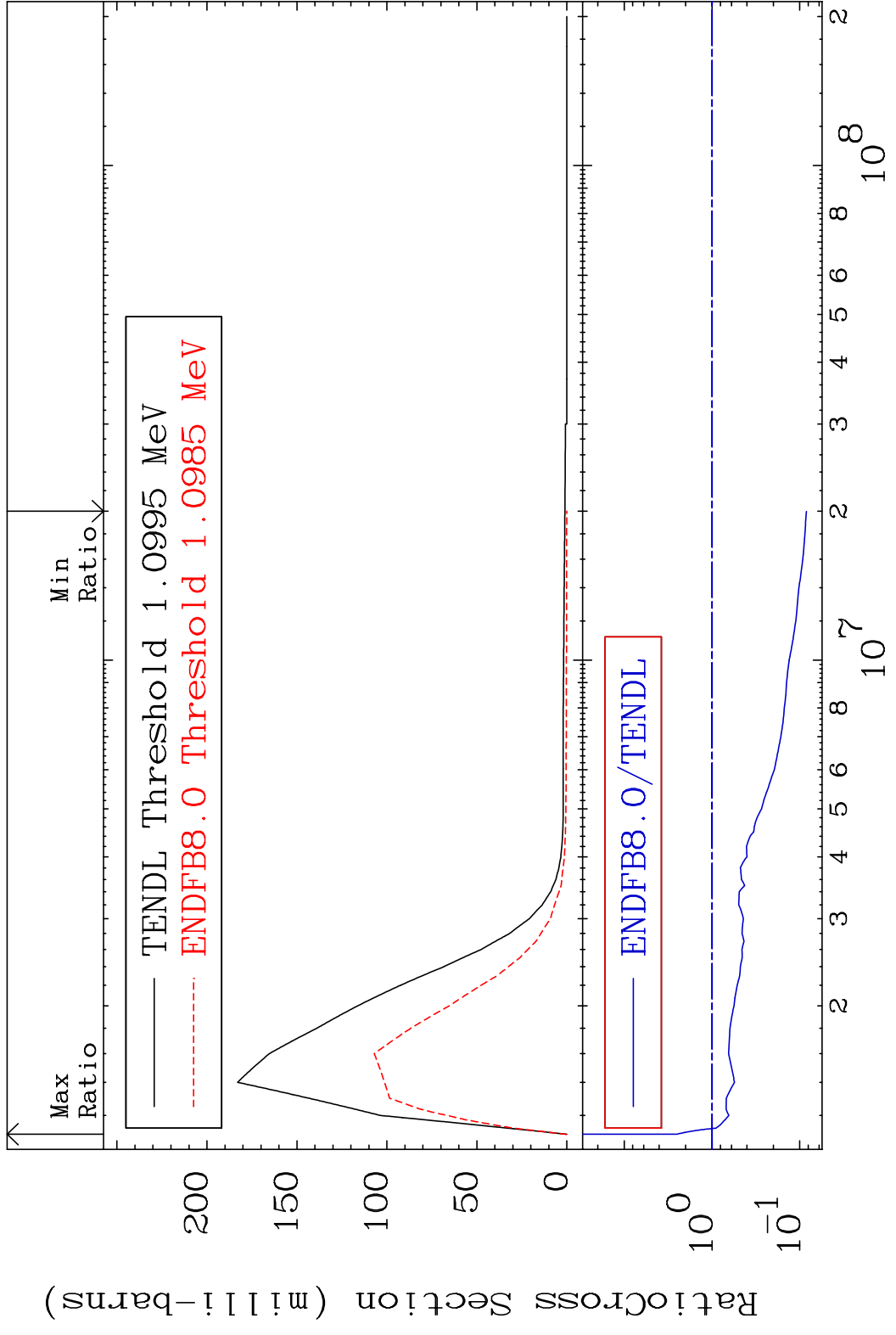
MAT 9649 MT= 58 (n, n') Level 96-Cm-248
 Cross Section -100.0 To 9999. %



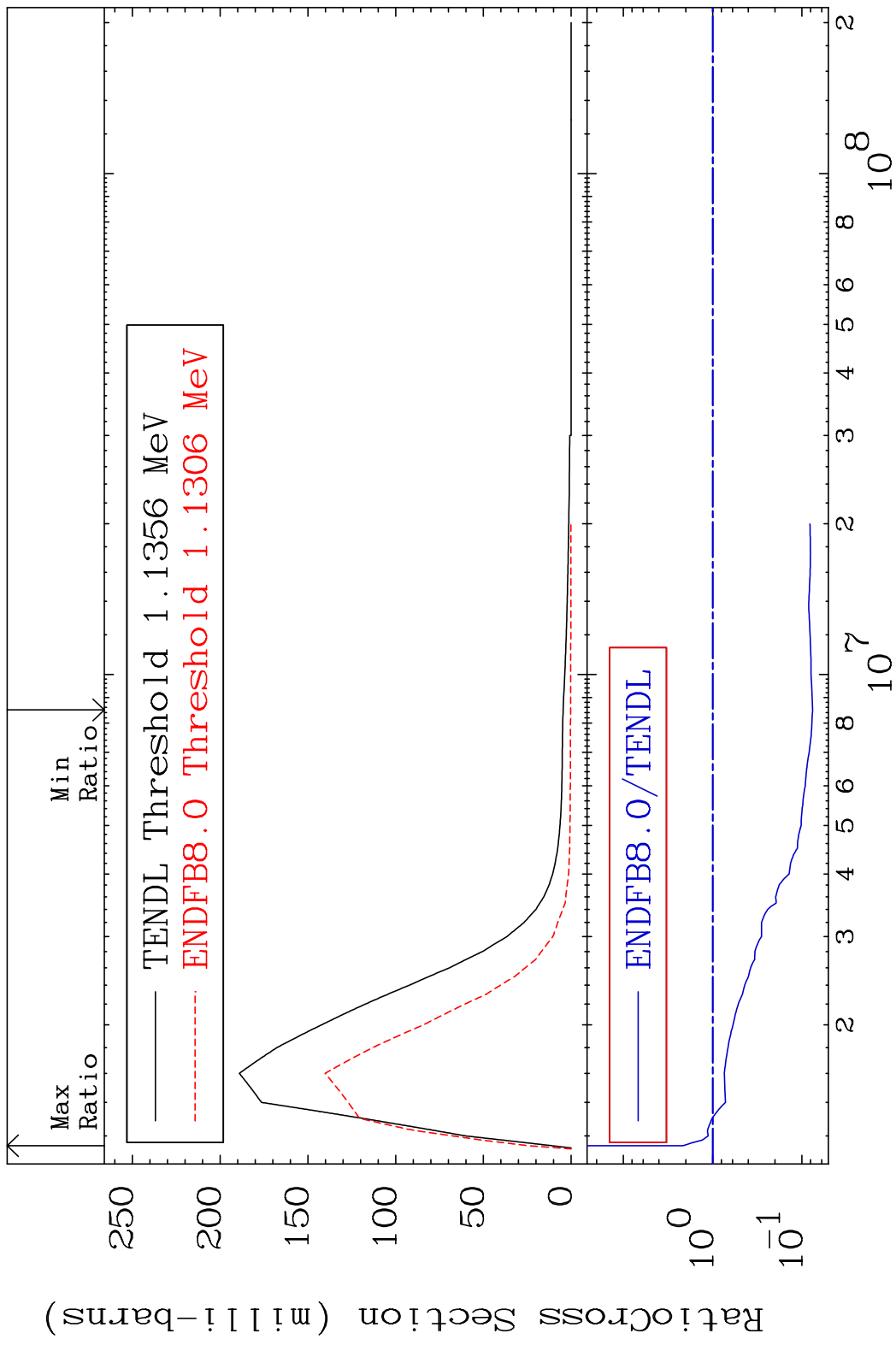
MAT 9649 MT= 59 (n, n') Level 96-Cm-248
 Cross Section -100.0 To 9999. %



MAT 9649 MT= 60 (n, n') Level 96-Cm-248
 Cross Section -91.60 To 149.2 %

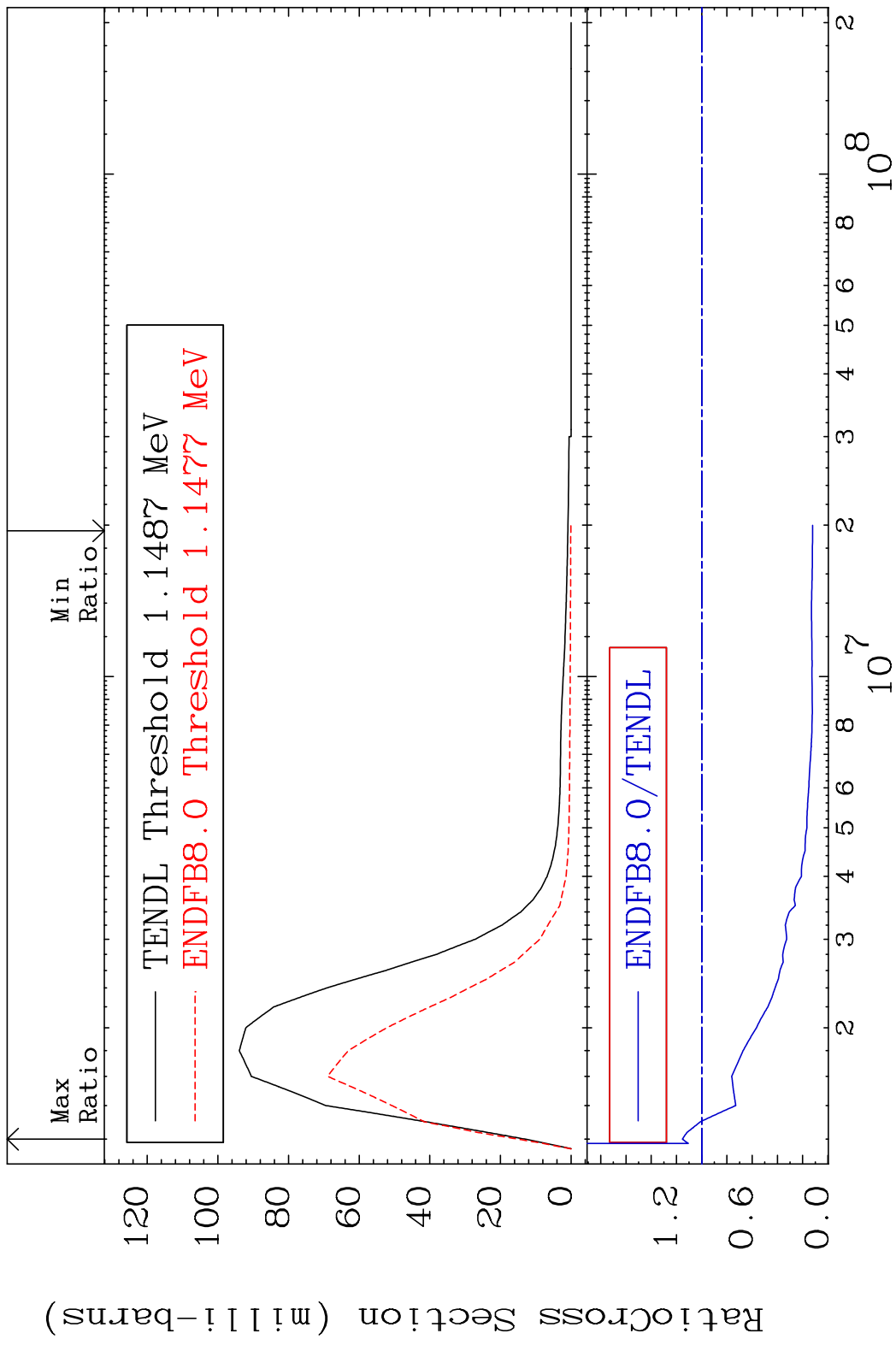


MAT 9649 MT= 61 (n, n') Level 96-Cm-248
 Cross Section -92.39 To 118.7 %

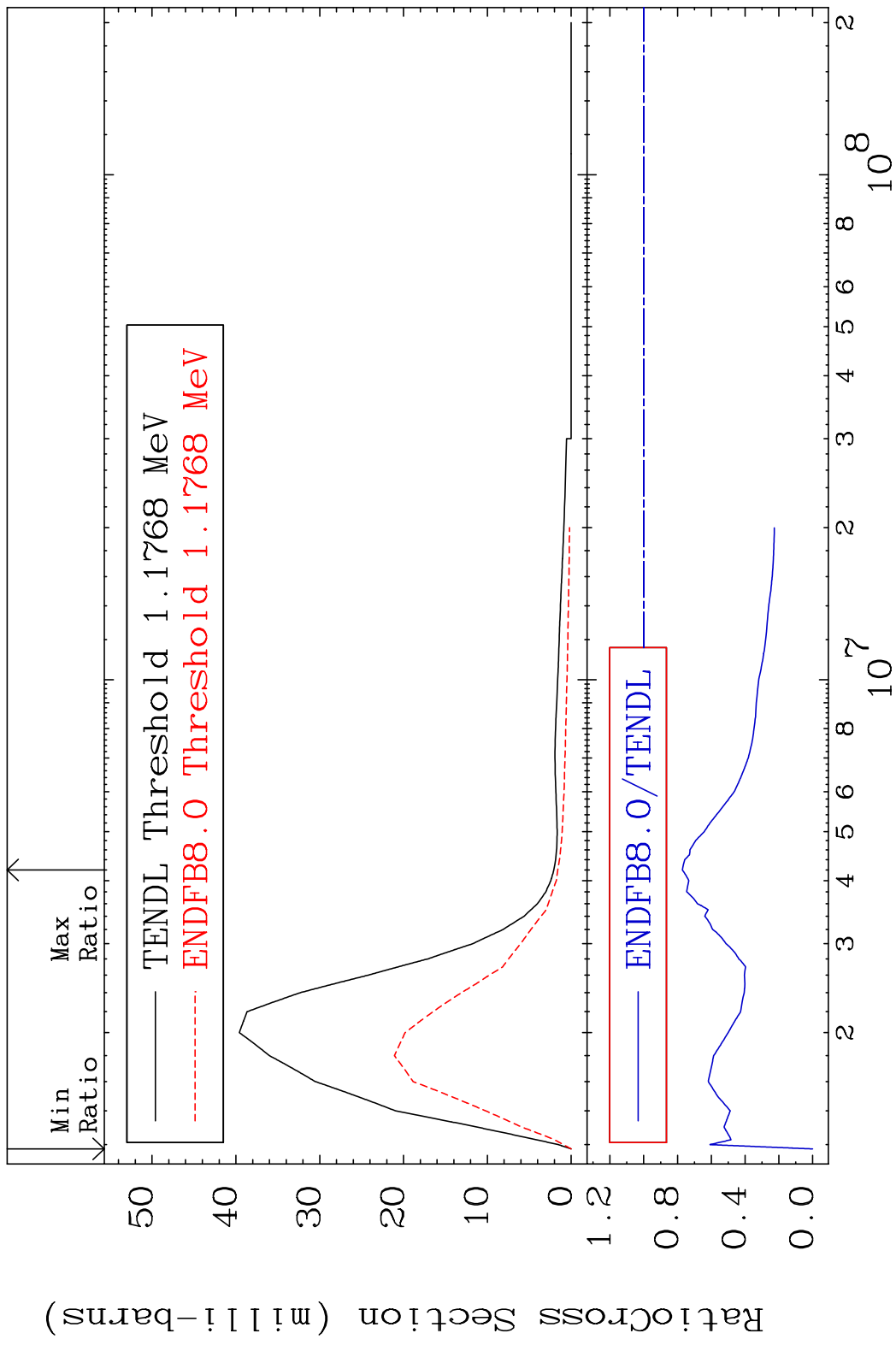


22 Incident Energy (eV) 96-Cm-248

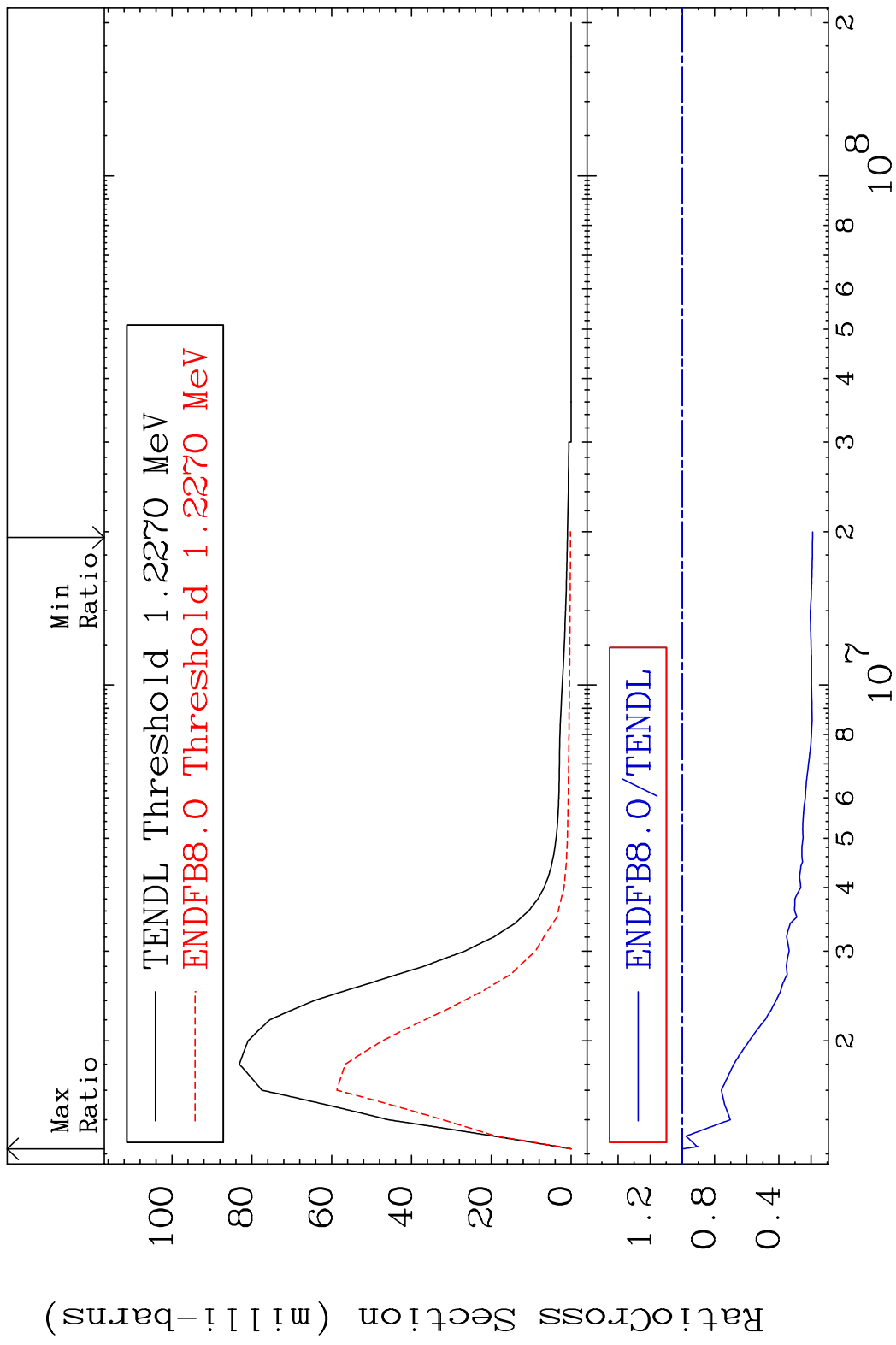
MAT 9649 MT= 62 (n, n') Level 96-Cm-248
 Cross Section -87.87 To 15.33 %



MAT 9649 MT= 63 (n, n') Level 96-Cm-248
 Cross Section -100.0 To -22.88%

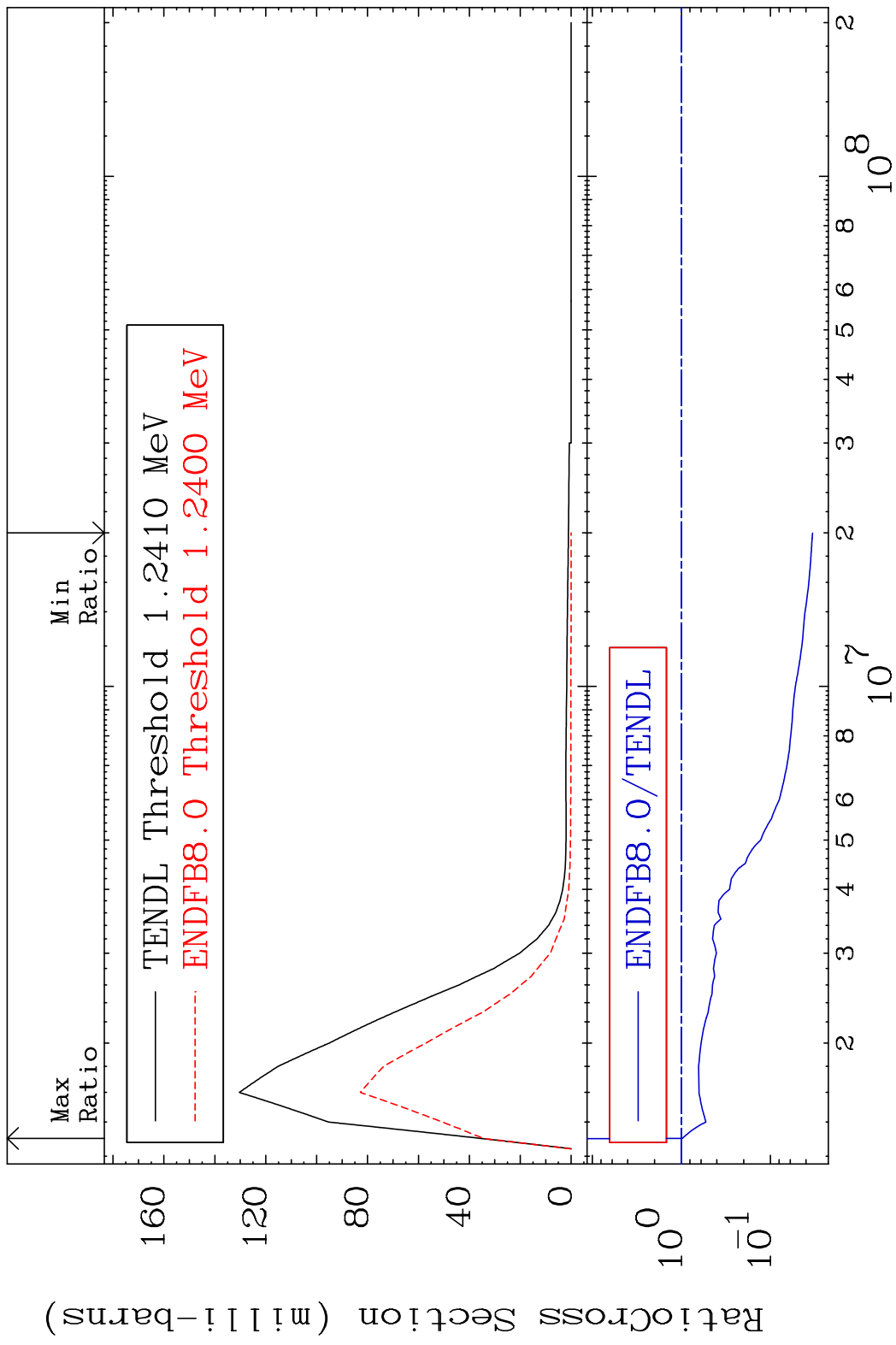


MAT 9649 MT= 64 (n, n') Level 96-Cm-248
 Cross Section -80.91 To 0.000 %



25 Incident Energy (eV) 96-Cm-248

MAT 9649 MT= 65 (n, n') Level 96-Cm-248
 Cross Section -96.63 To -2.498%

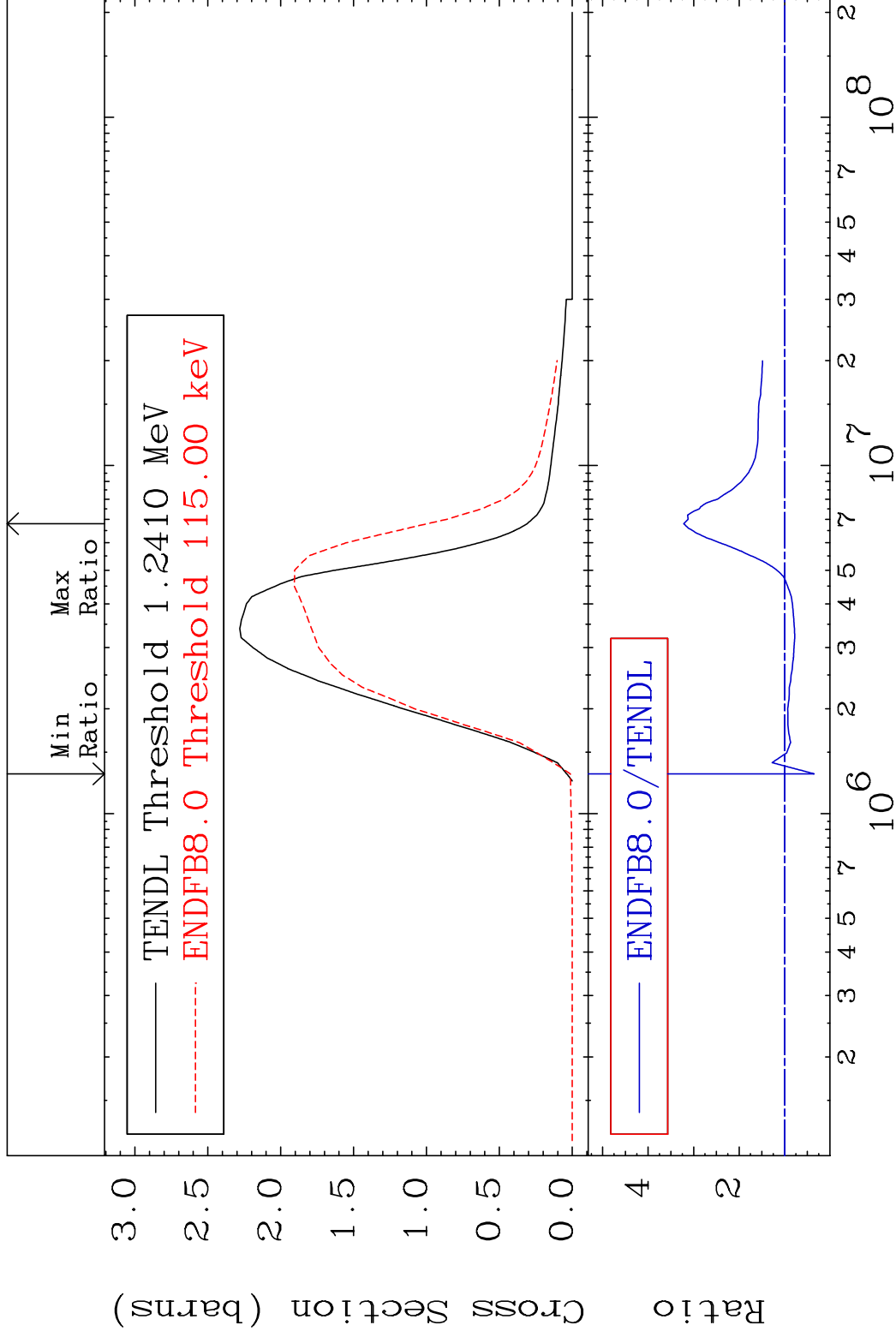


MAT 9649

(n, n') Continuum

96-Cm-248

Cross Section -64.84 To 221.9 %



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Incident Energy (eV)

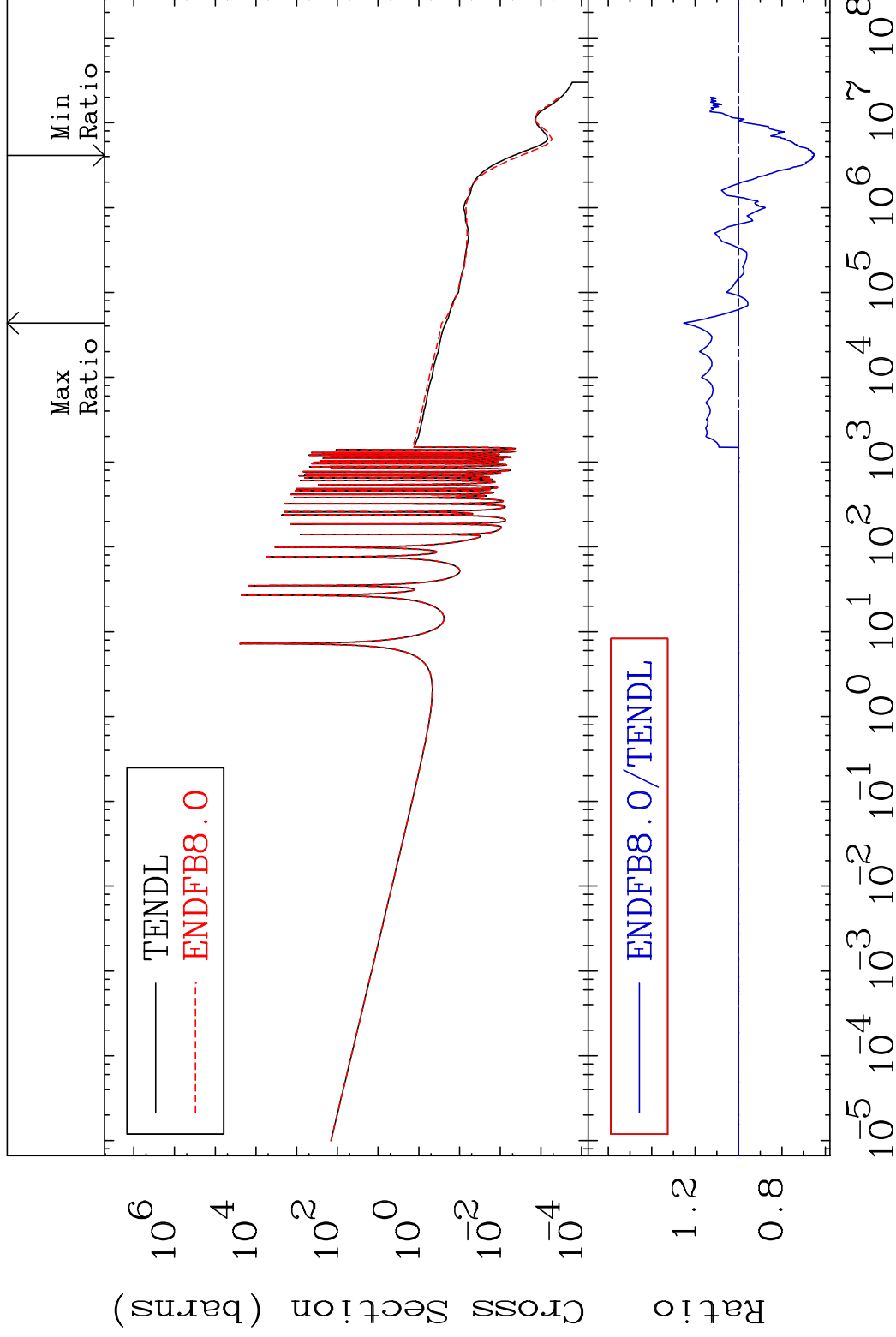
96-Cm-248

MAT 9649

(n, γ)

96-Cm-248

Cross Section -34.85 To 25.26 %

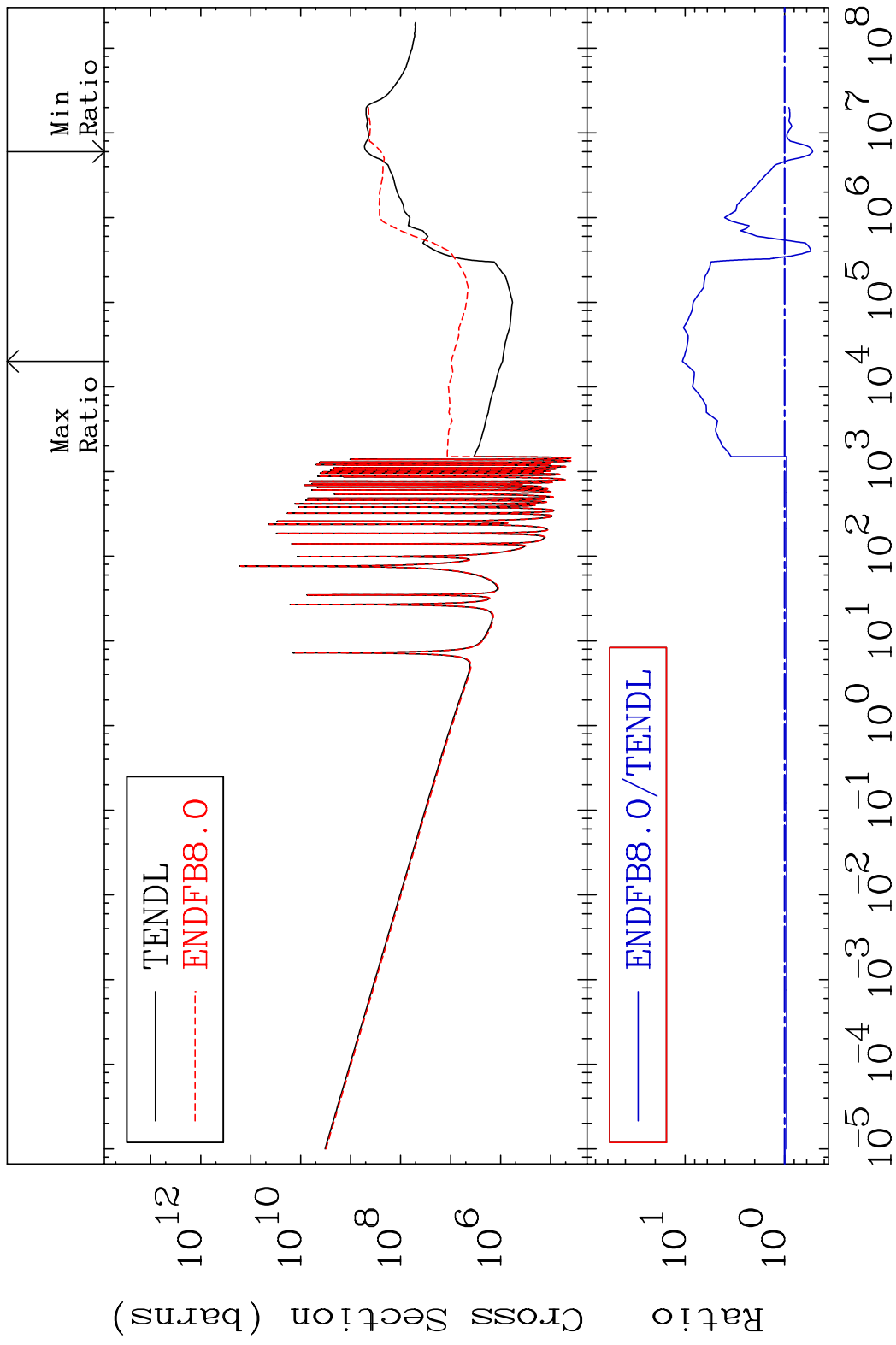


28

Incident Energy (eV)

96-Cm-248

MAT 9649 Kerma total (eV-barns) 96-Cm-248
 Cross Section -47.69 To 967.8 %

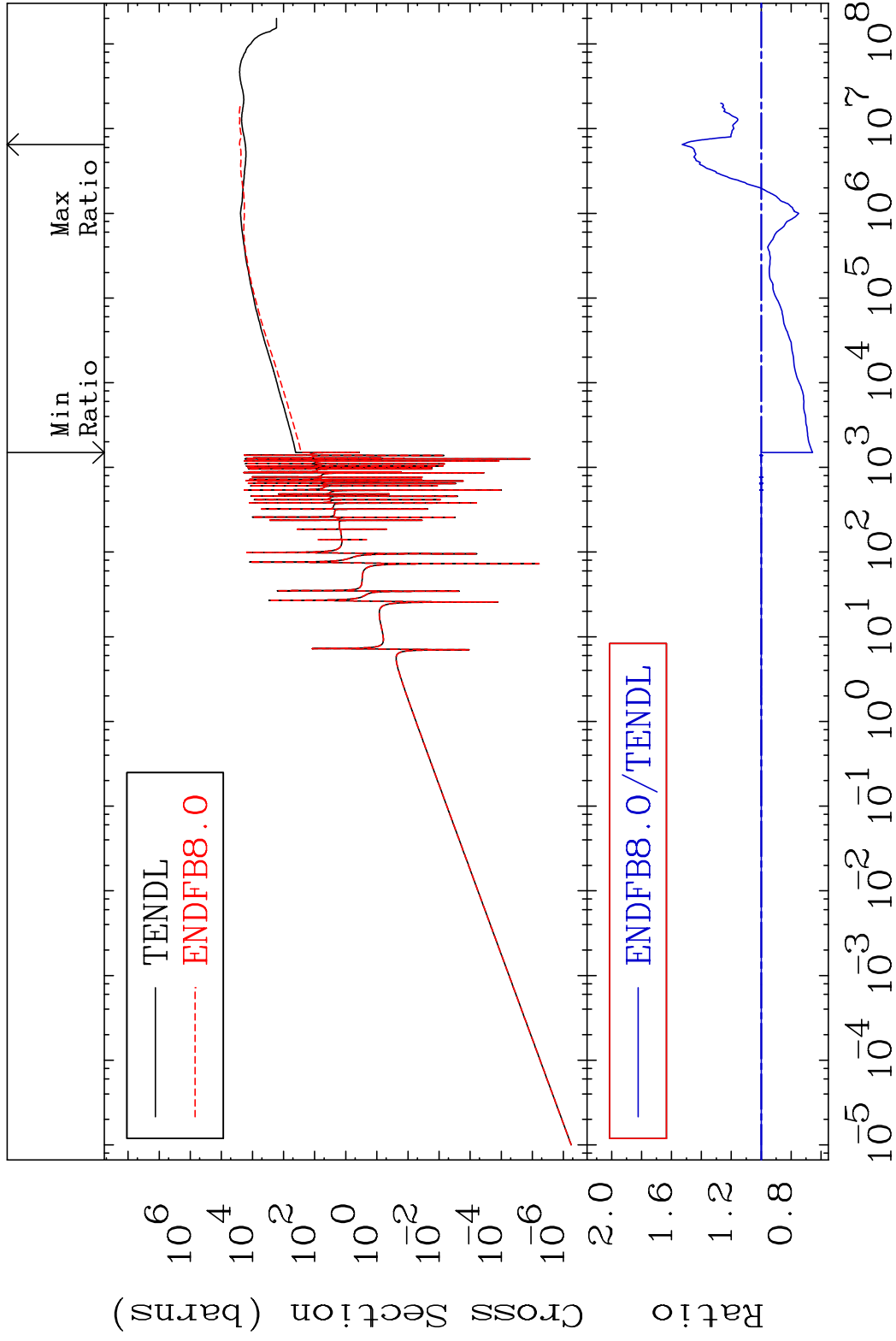


MAT 9649

Kerma elastic

96-Cm-248

Cross Section -34.34 To 52.71 %

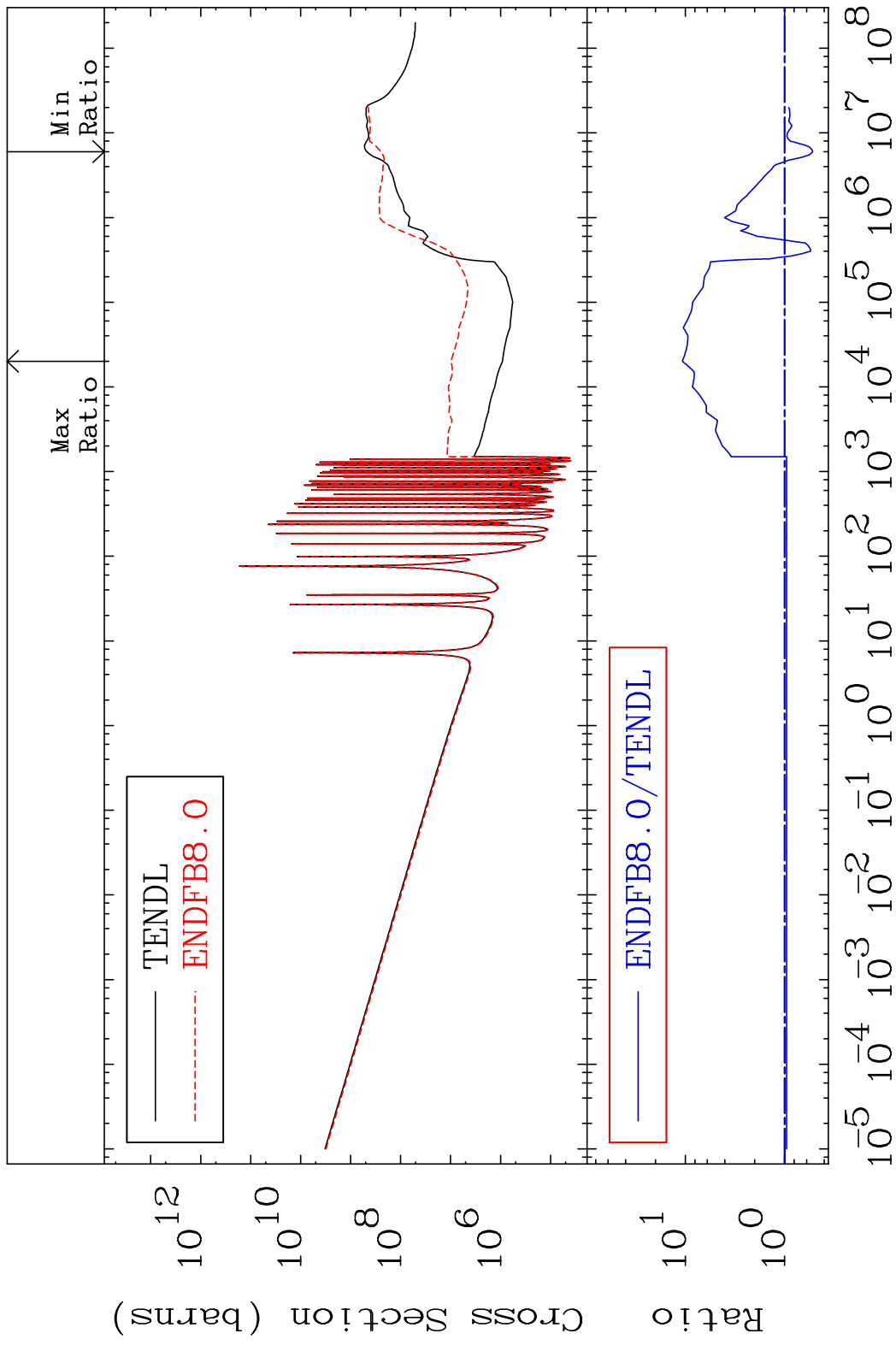


30

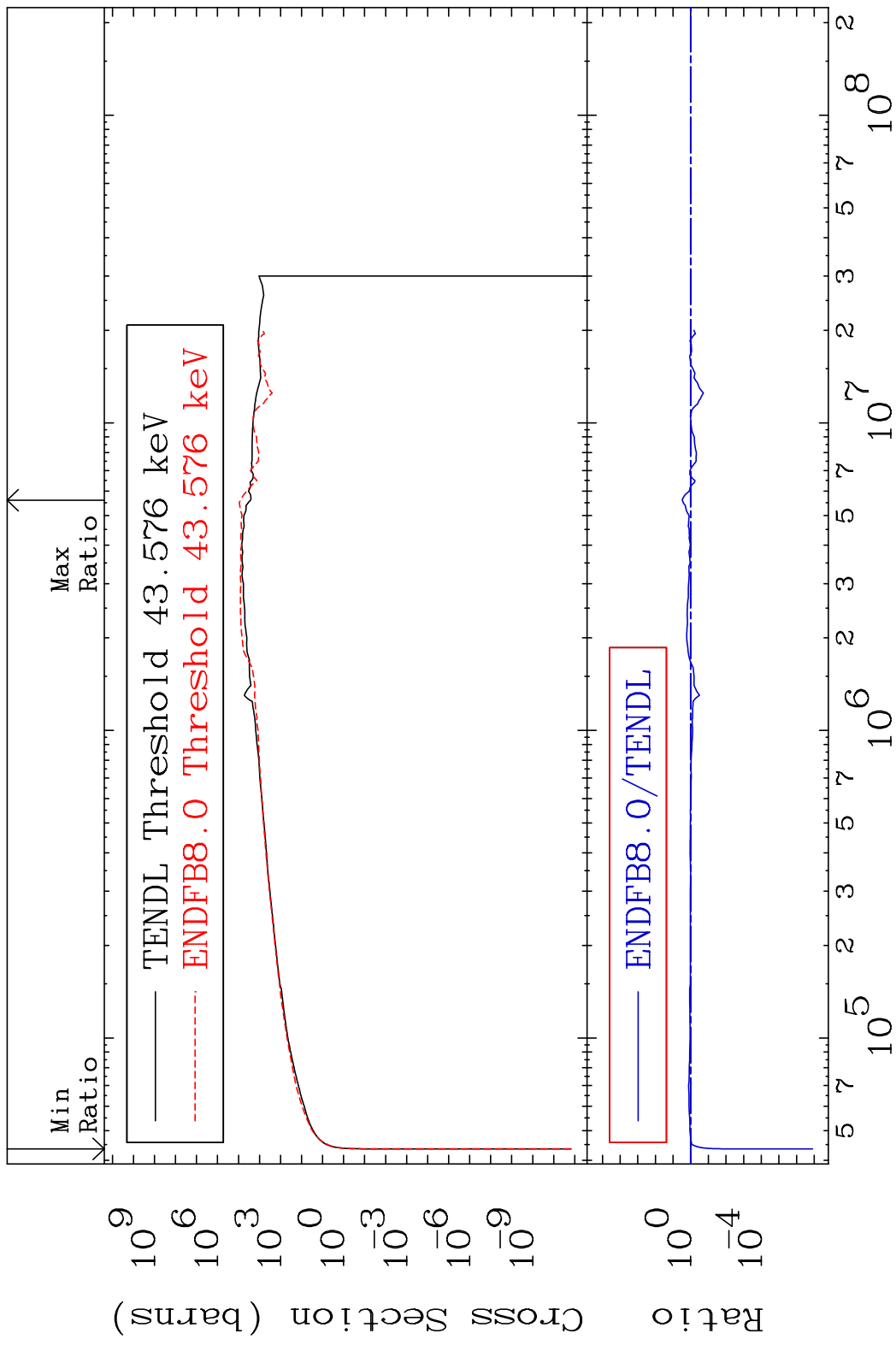
Incident Energy (eV)

96-Cm-248

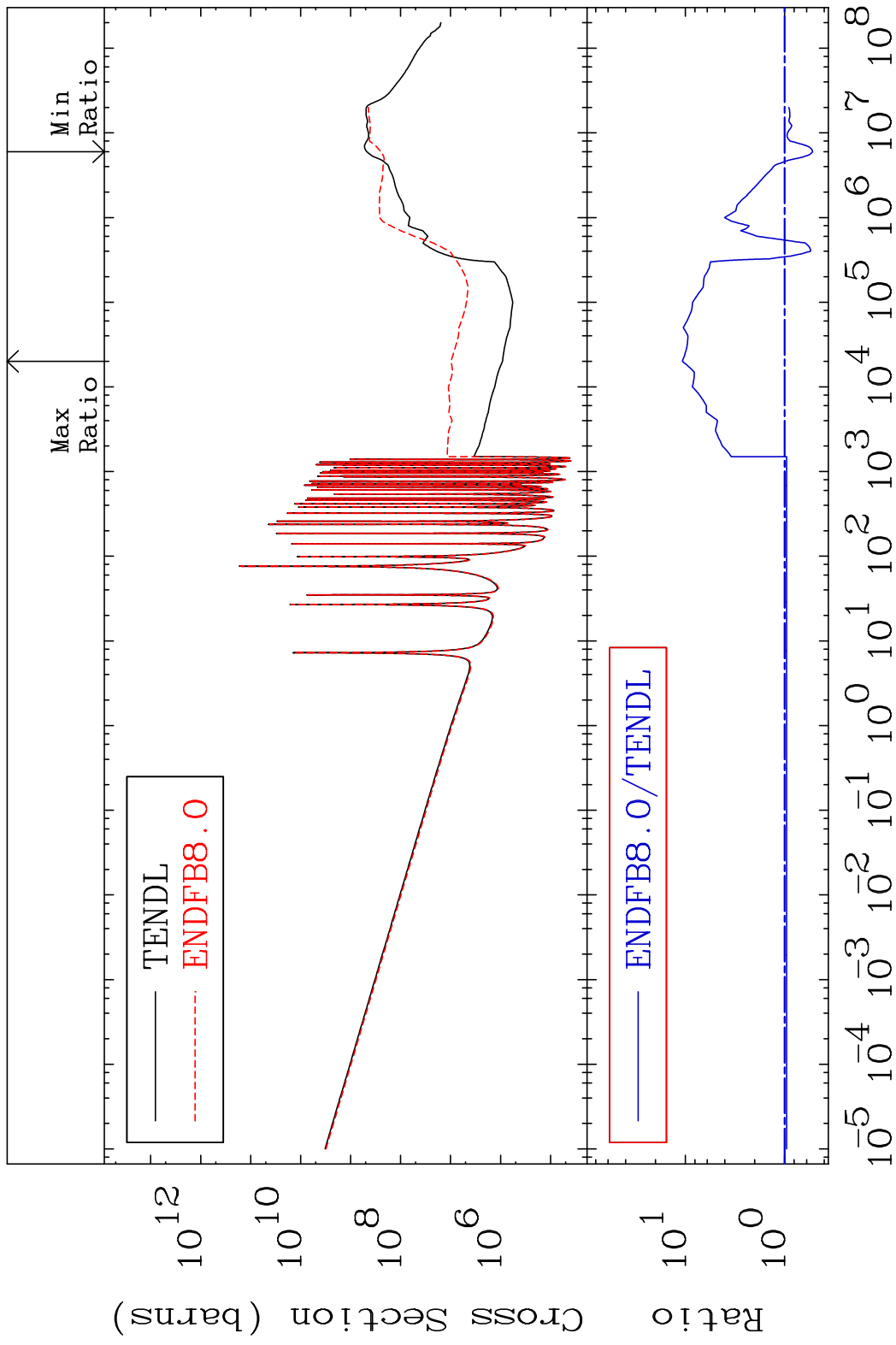
MAT 9649 Kerma non-elastic (all but mt2) 96-Cm-248
 Cross Section -47.69 To 970.9 %



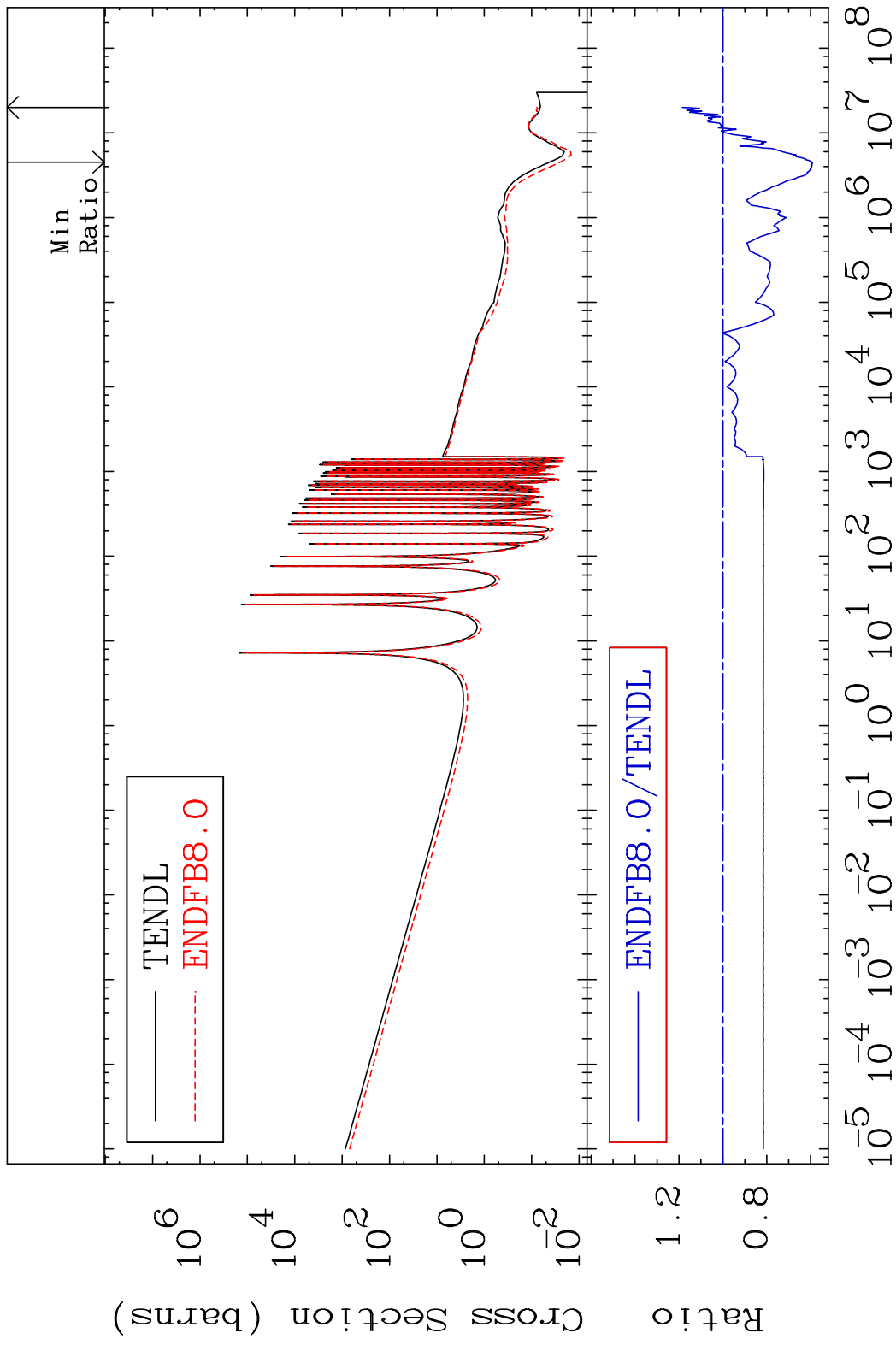
MAT 9649 Kerma inelastic (mt51-91) 96-Cm-248
 Cross Section -100.0 To 197.1 %



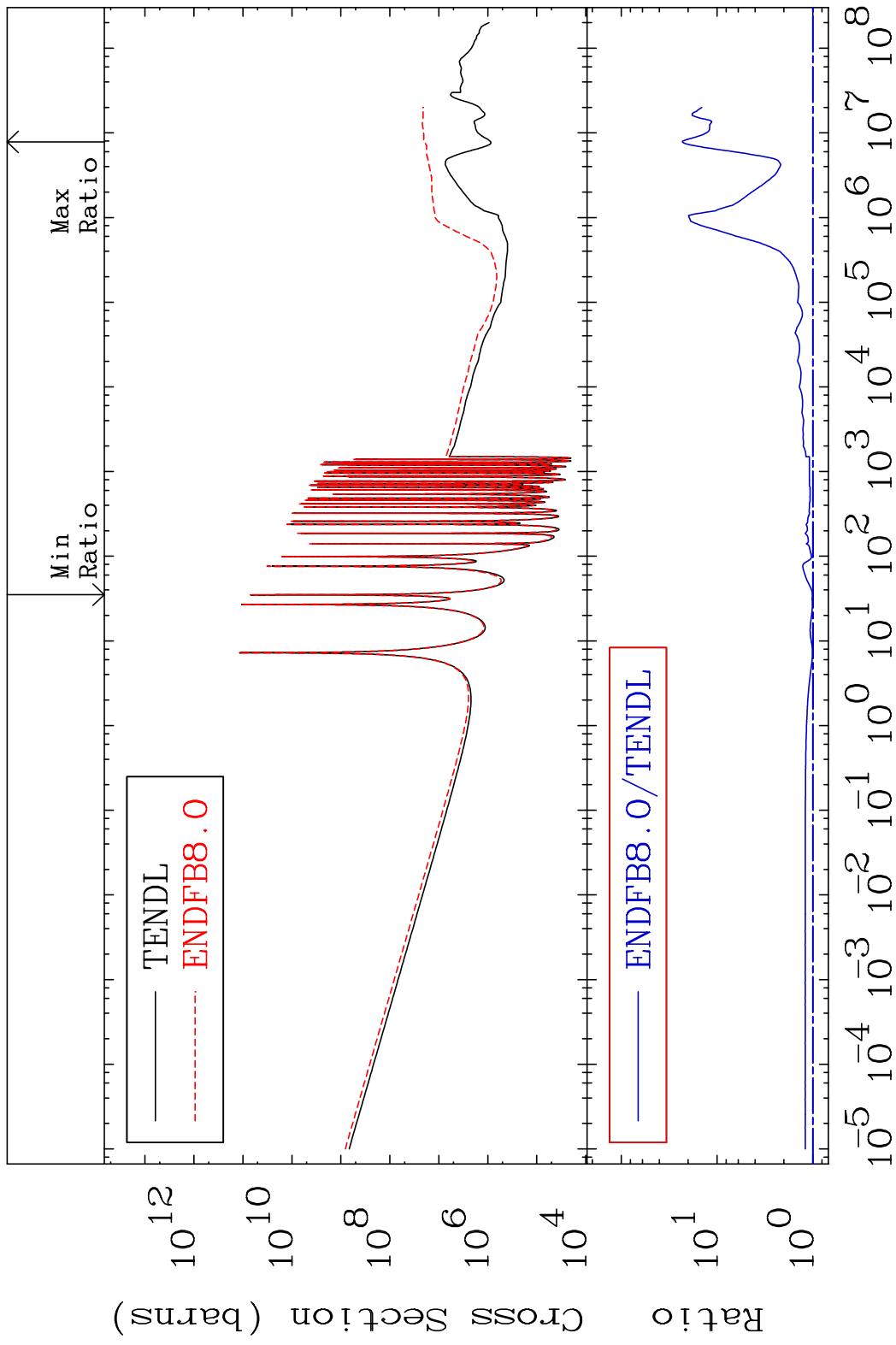
MAT 9649 Kerma fission (mt18 or mt19-20-21-38) 96-Cm-248
 Cross Section -47.69 To 970.9 %



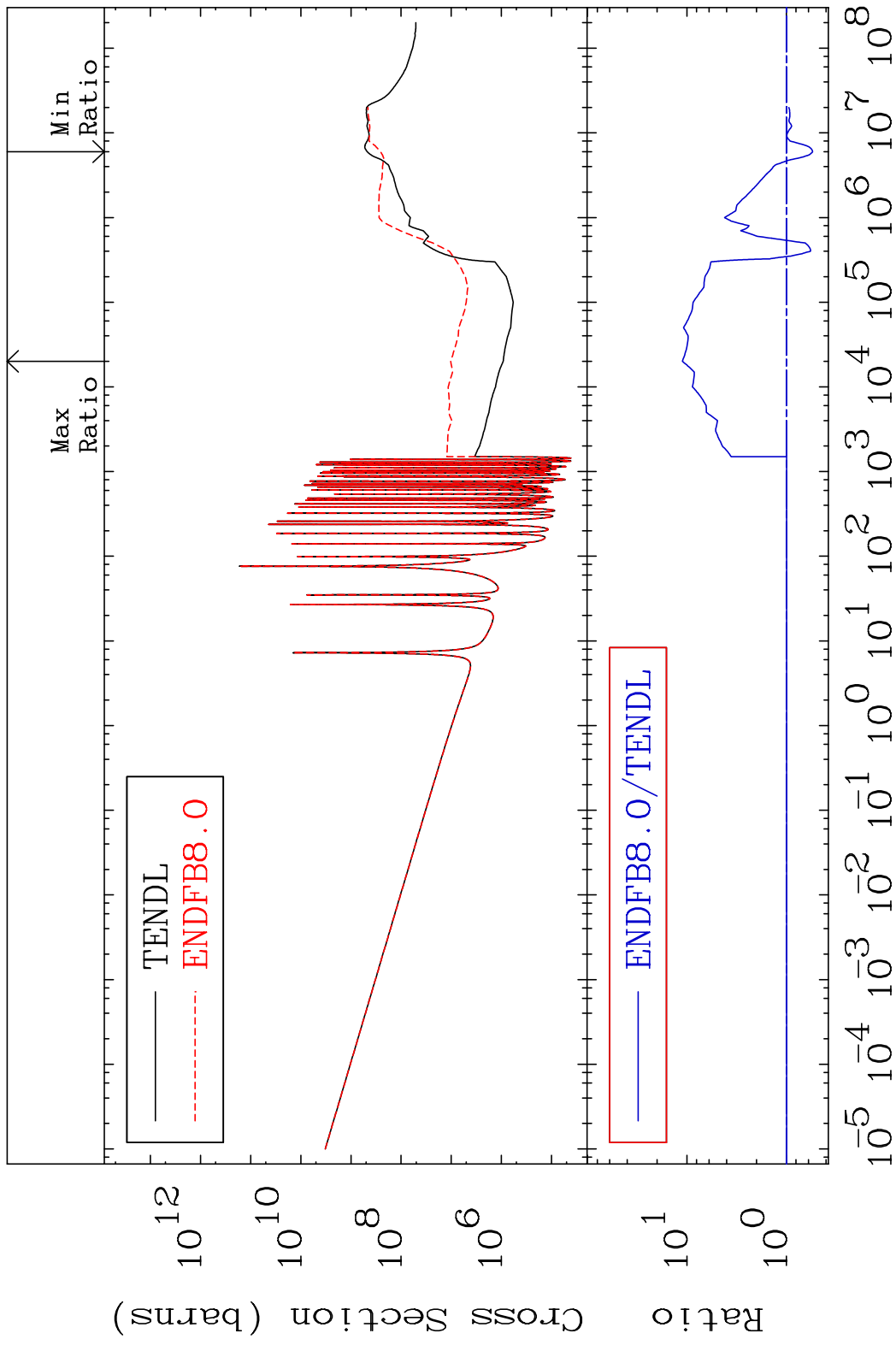
MAT 9649 Kerma capture (mt102) 96-Cm-248
 Cross Section -40.88 To 18.45 %



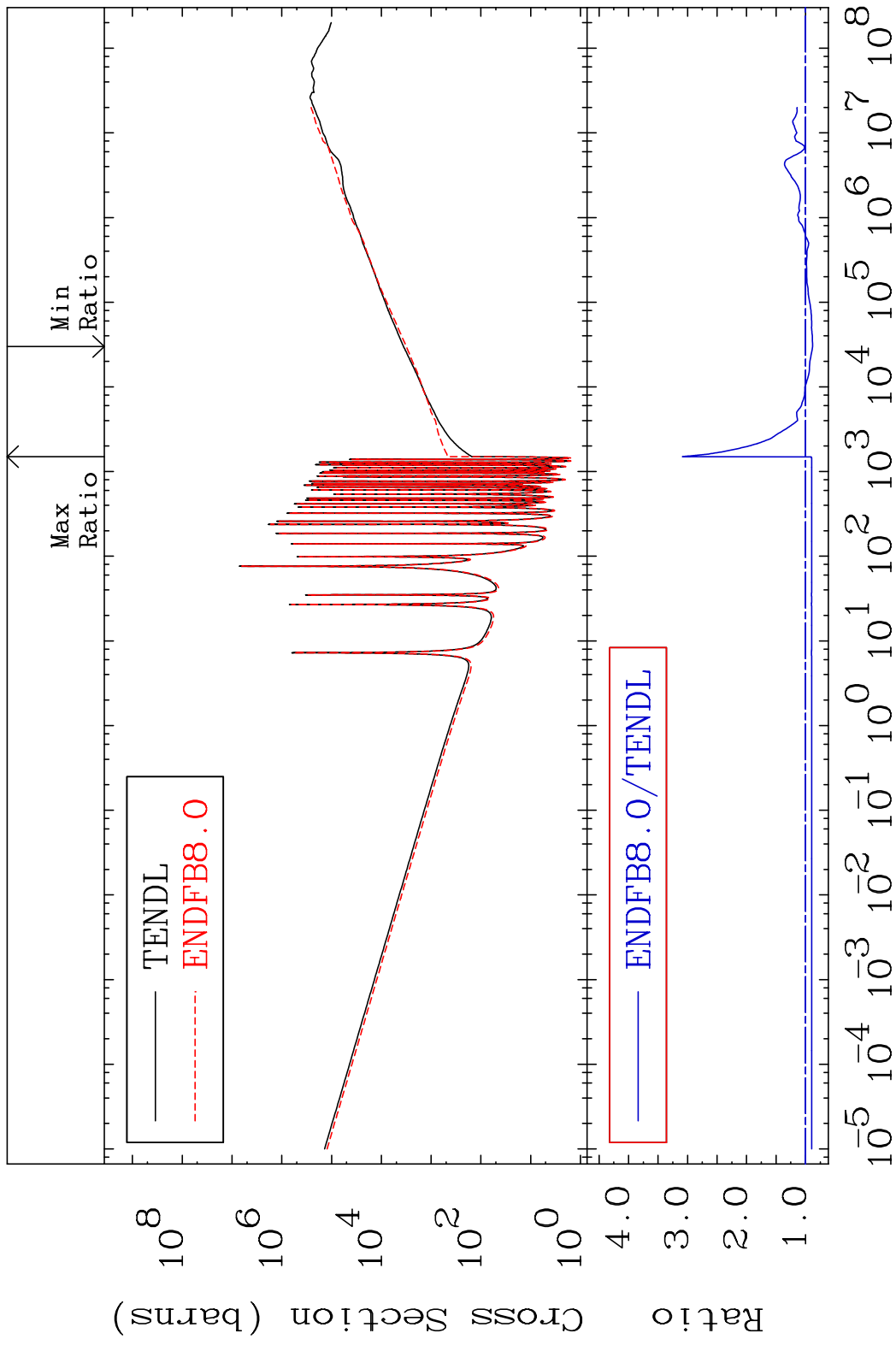
MAT 9649 Total photon (eV-barns) 96-Cm-248
 Cross Section 0.555 To 2200. %



MAT 9649 Total kinematic kerma (high limit) 96-Cm-248
 Cross Section -45.43 To 1014. %



MAT 9649 Dpa total (eV-barns) 96-Cm-248
 Cross Section -11.96 To 208.8 %



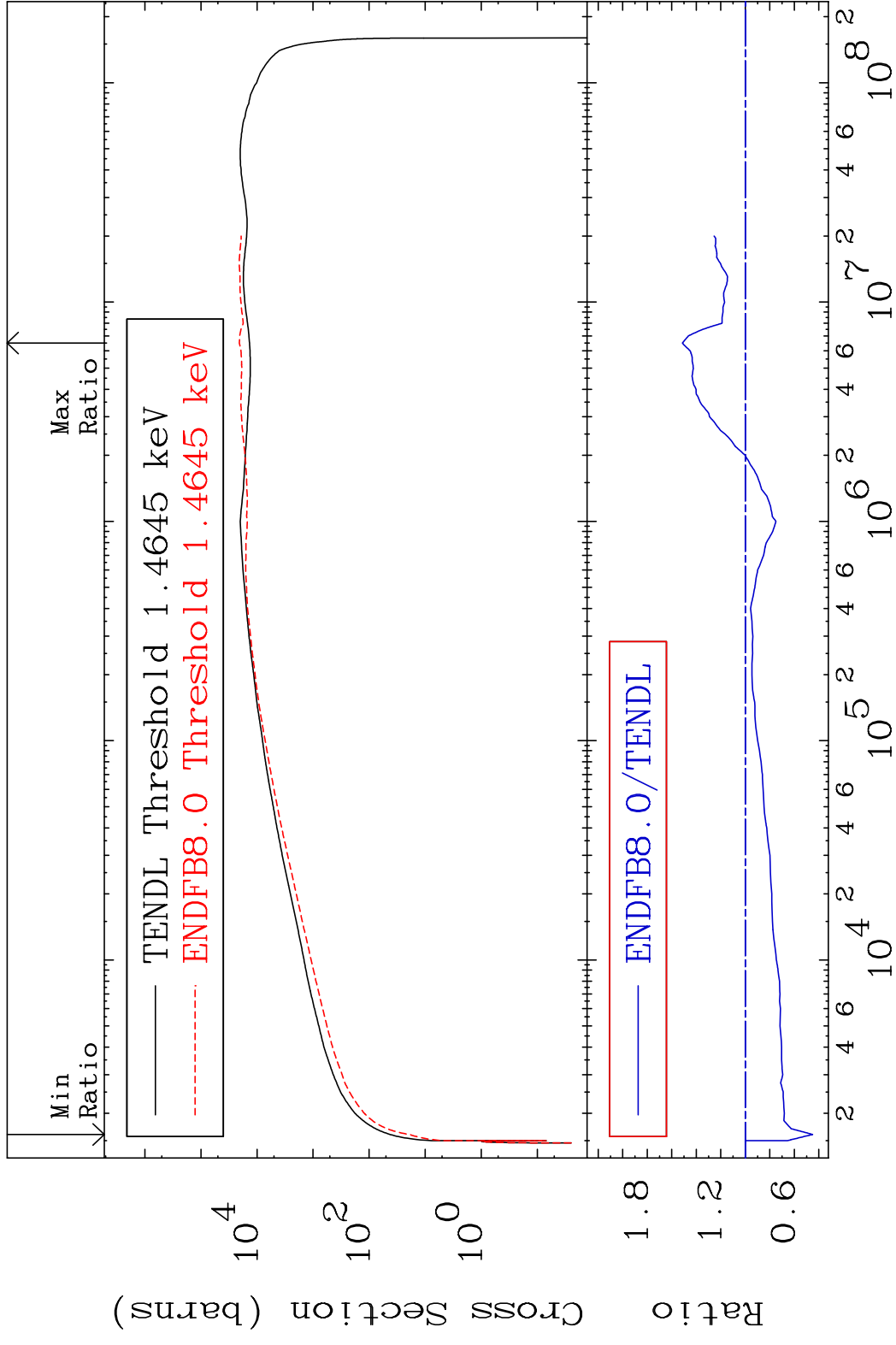
MAT 9649

Dpa elastic (mt2)

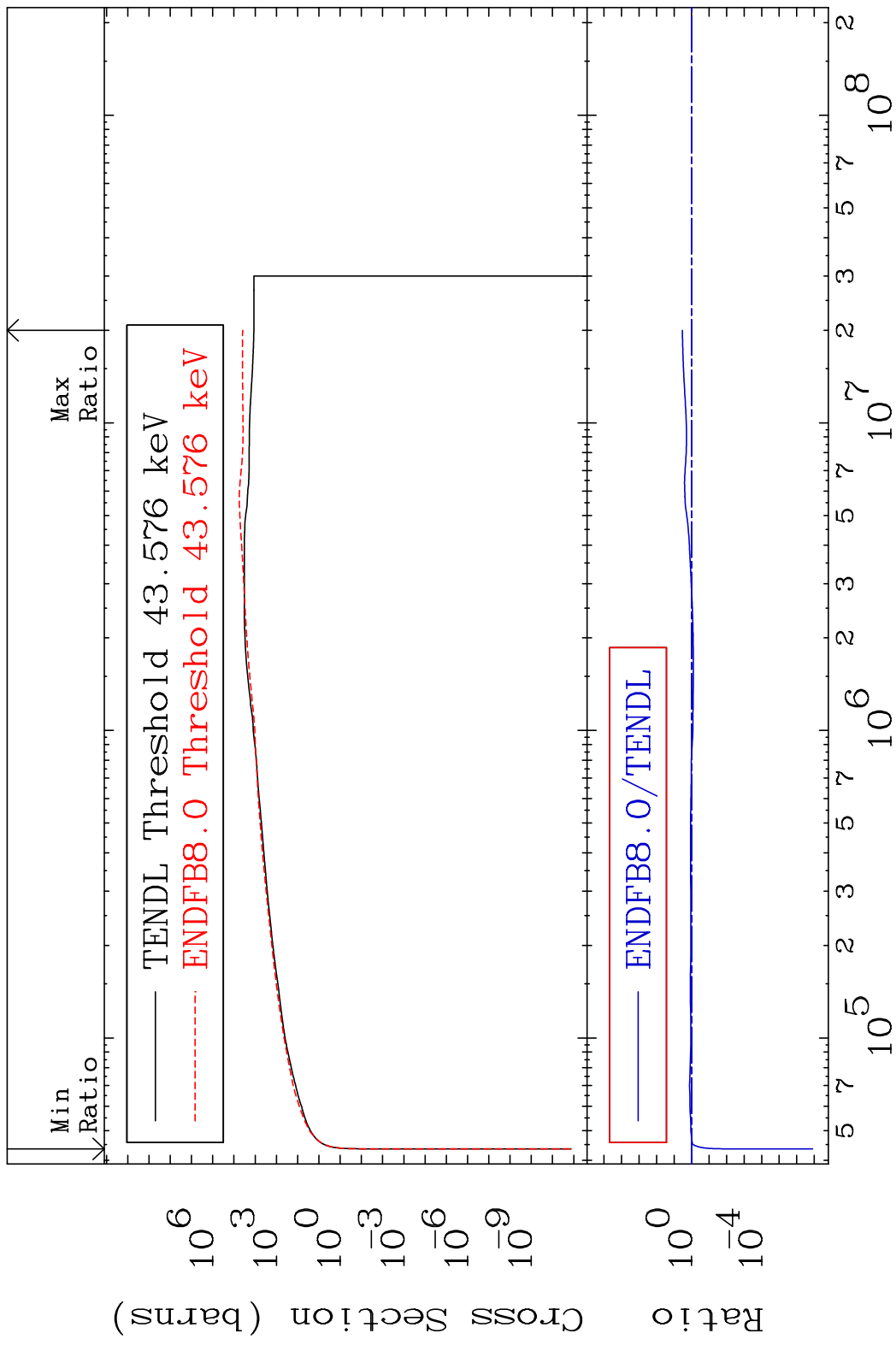
96-Cm-248

Cross Section

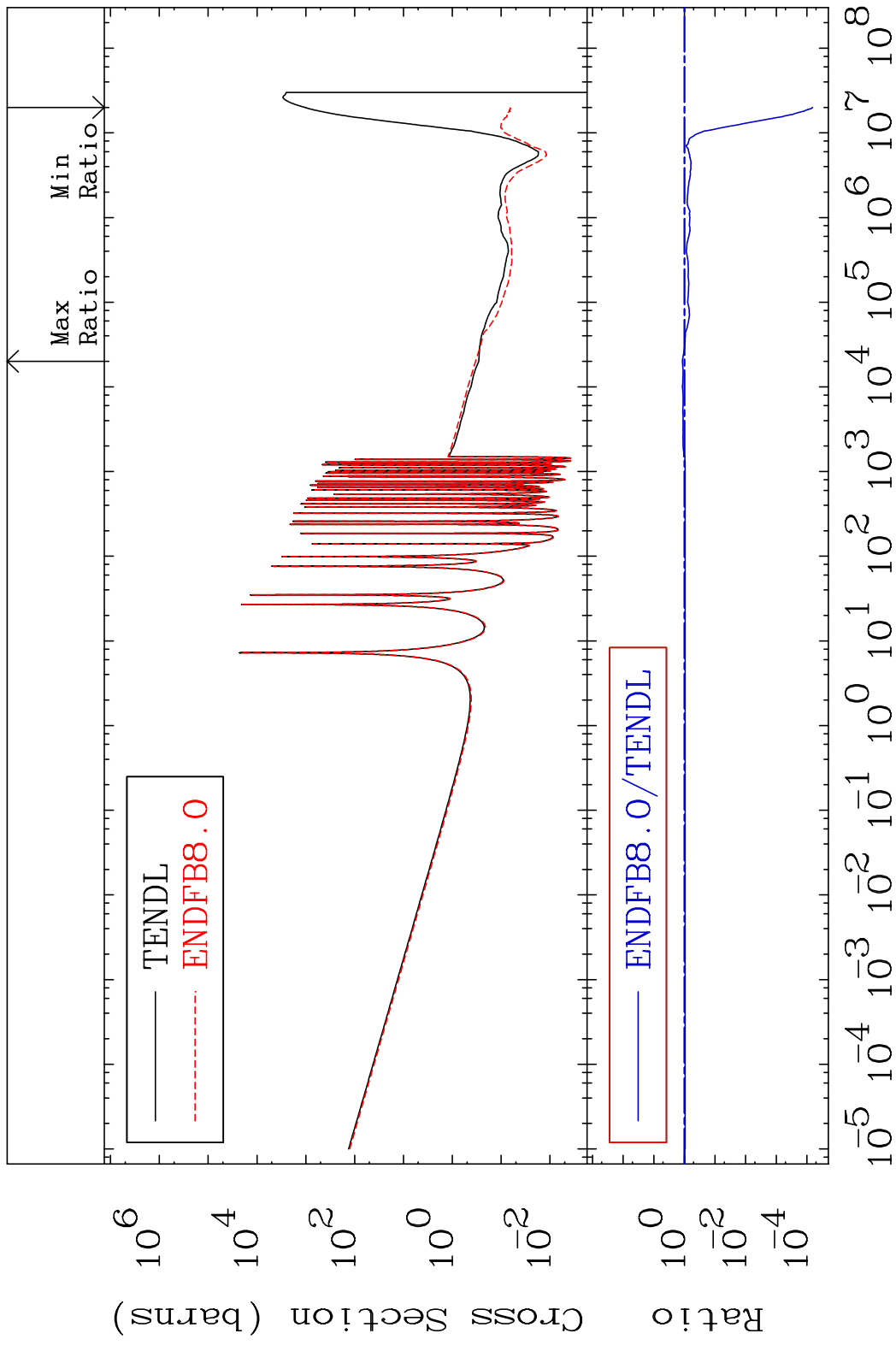
-54.85 To 51.36 %



MAT 9649 Dpa inelastic (mt51-91) 96-Cm-248
 Cross Section -100.0 To 238.2 %



MAT 9649 Dpa disappearance (mt102 -120) 96-Cm-248
 Cross Section -99.99 To 16.65 %



40 Incident Energy (eV) 96-Cm-248