

Program Complot
(Version 2021-1)

by

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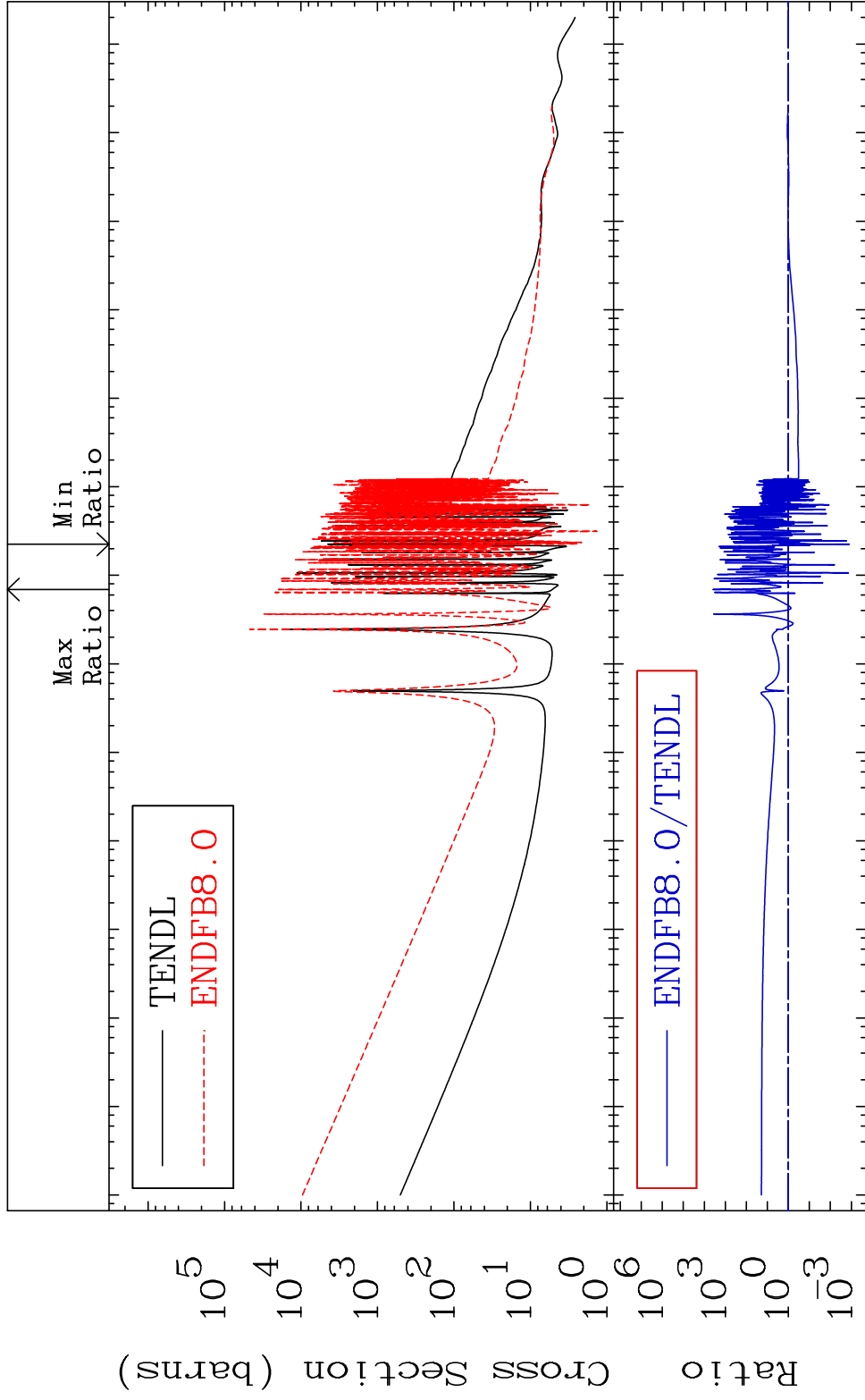
Press Mouse Button to Start

MAT 6931

Total

69-Tm-171

Cross Section -99.87 To 9999. %



1

Incident Energy (eV)

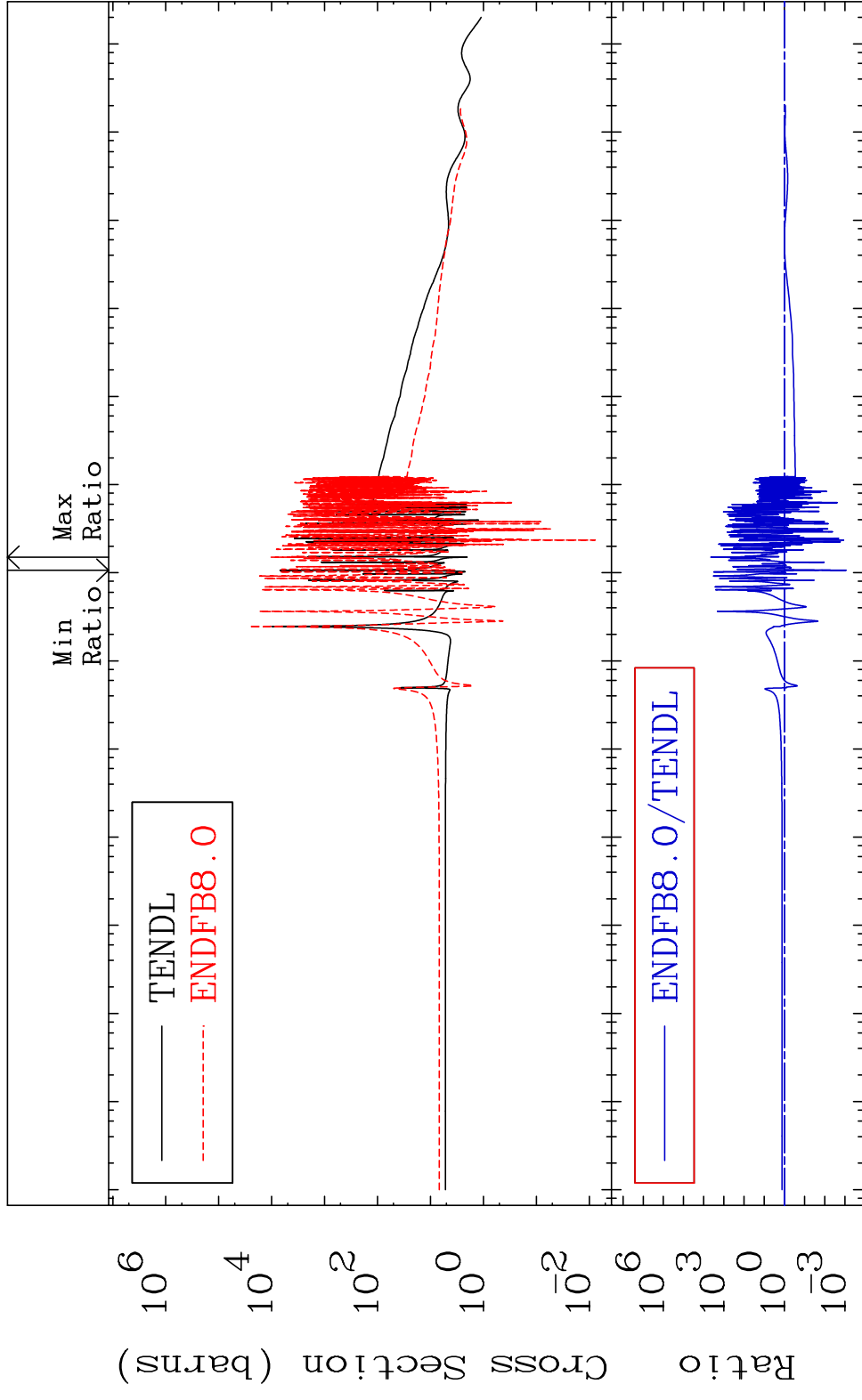
69-Tm-171

MAT 6931

Elastic

69-Tm-171

Cross Section -99.91 To 9999. %



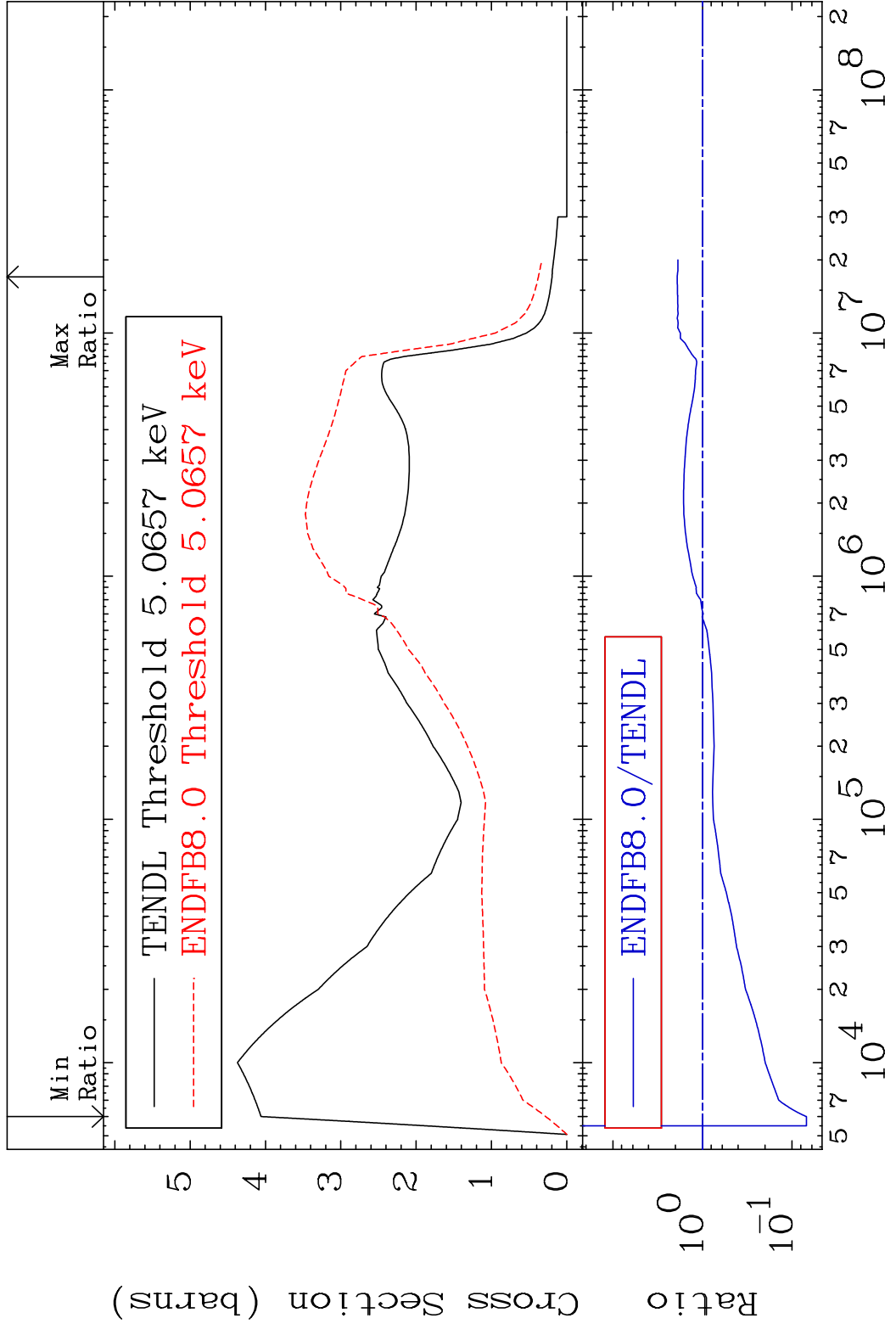
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2

Incident Energy (eV)

69-Tm-171

MAT 6931 Inelastic Cross Section 69-Tm-171
 -93.08 To 91.54 %



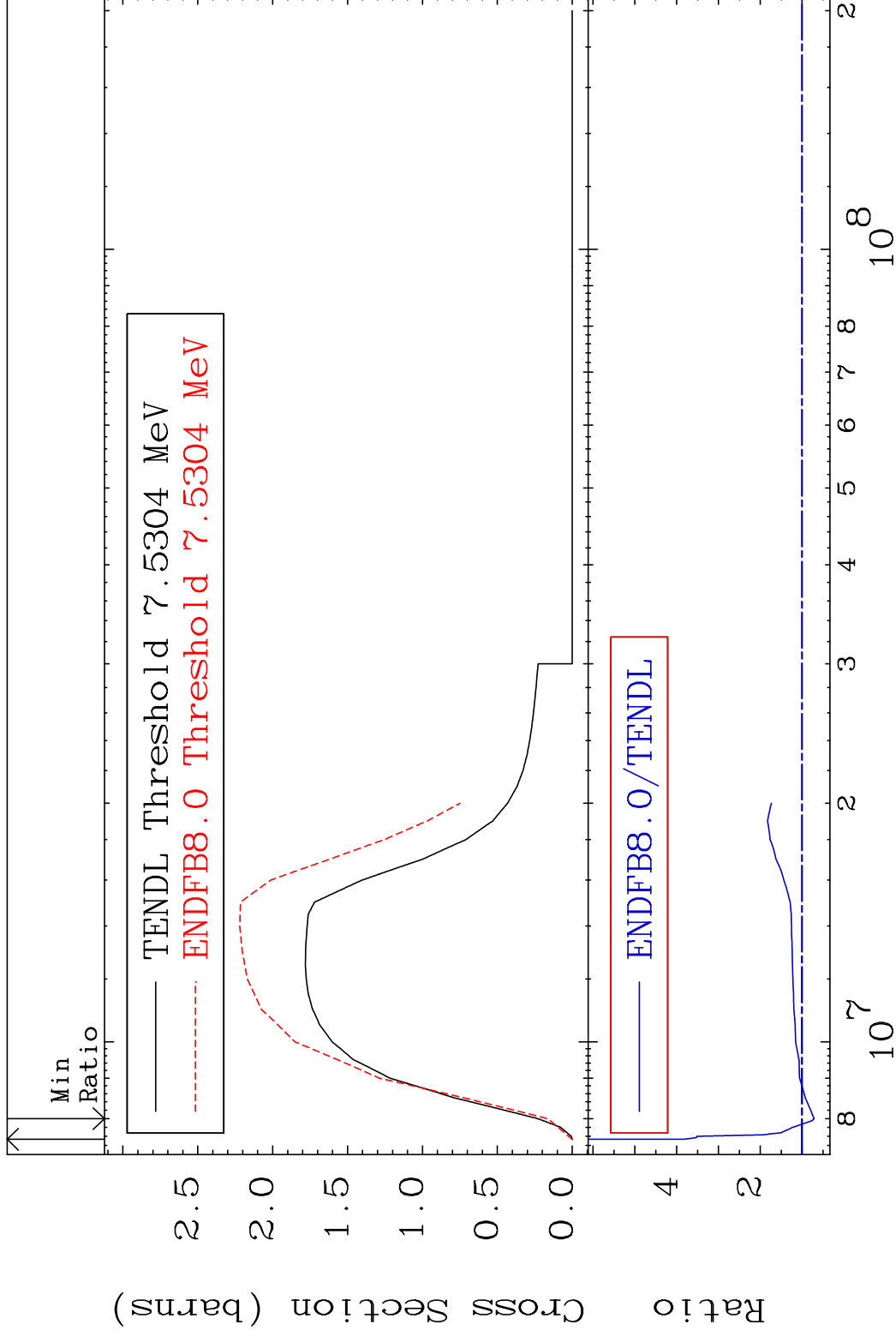
3 Incident Energy (eV) 69-Tm-171

MAT 6931

(n,2n)

69-Tm-171

Cross Section -28.82 To 283.3 %

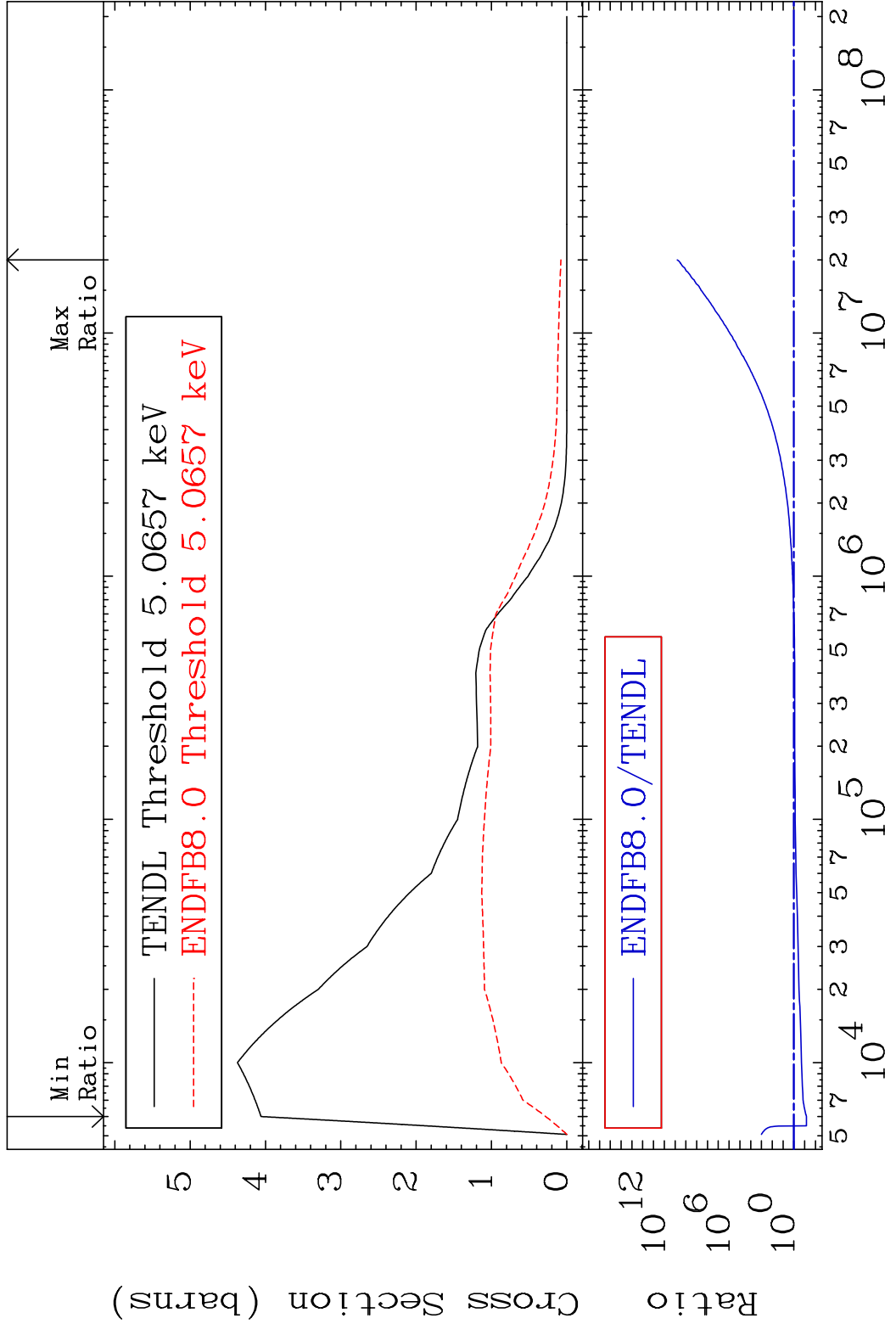


4

Incident Energy (eV)

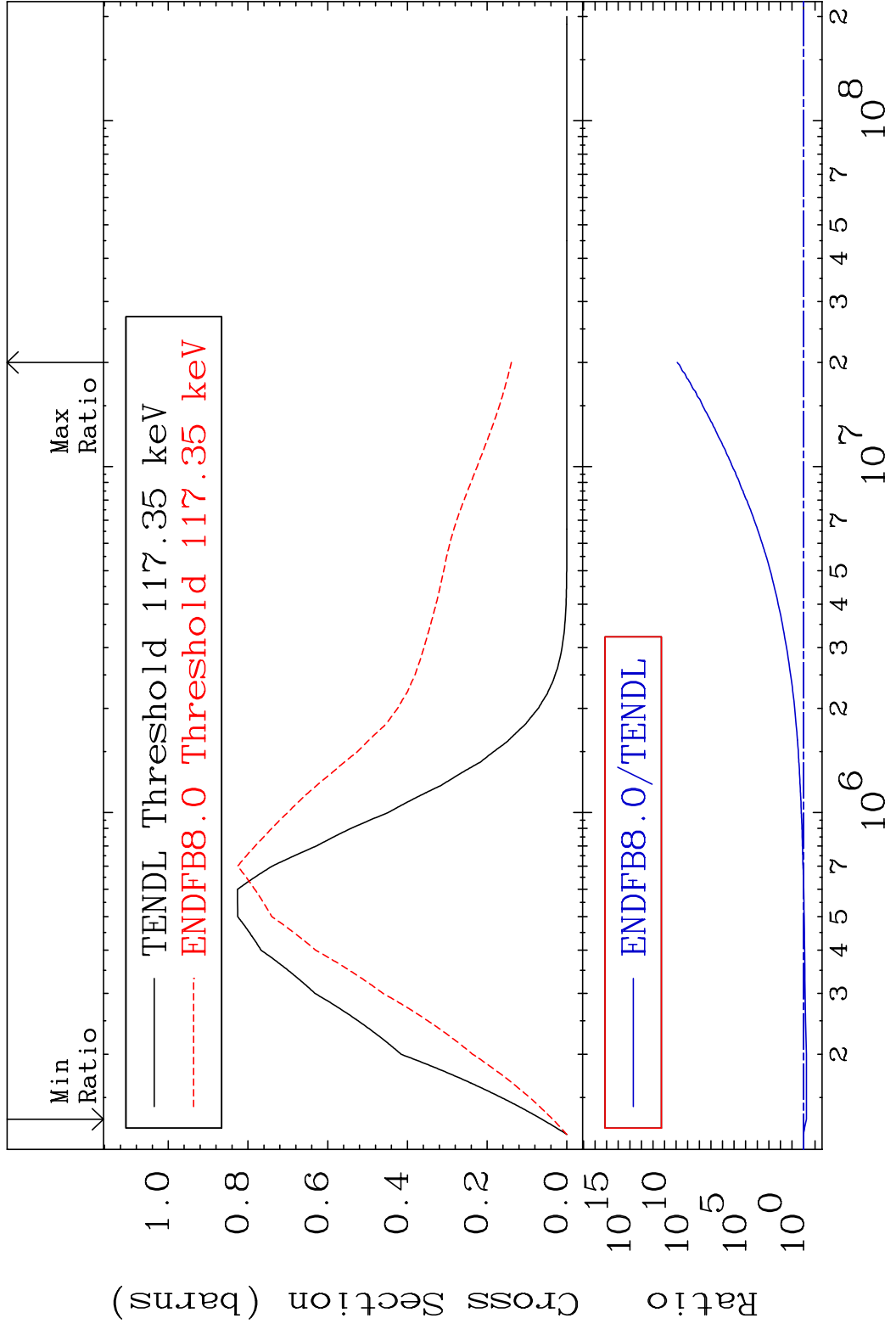
69-Tm-171

MAT 6931 MT= 51 (n,n') Level 69-Tm-171
 Cross Section -93.08 To 9999. %

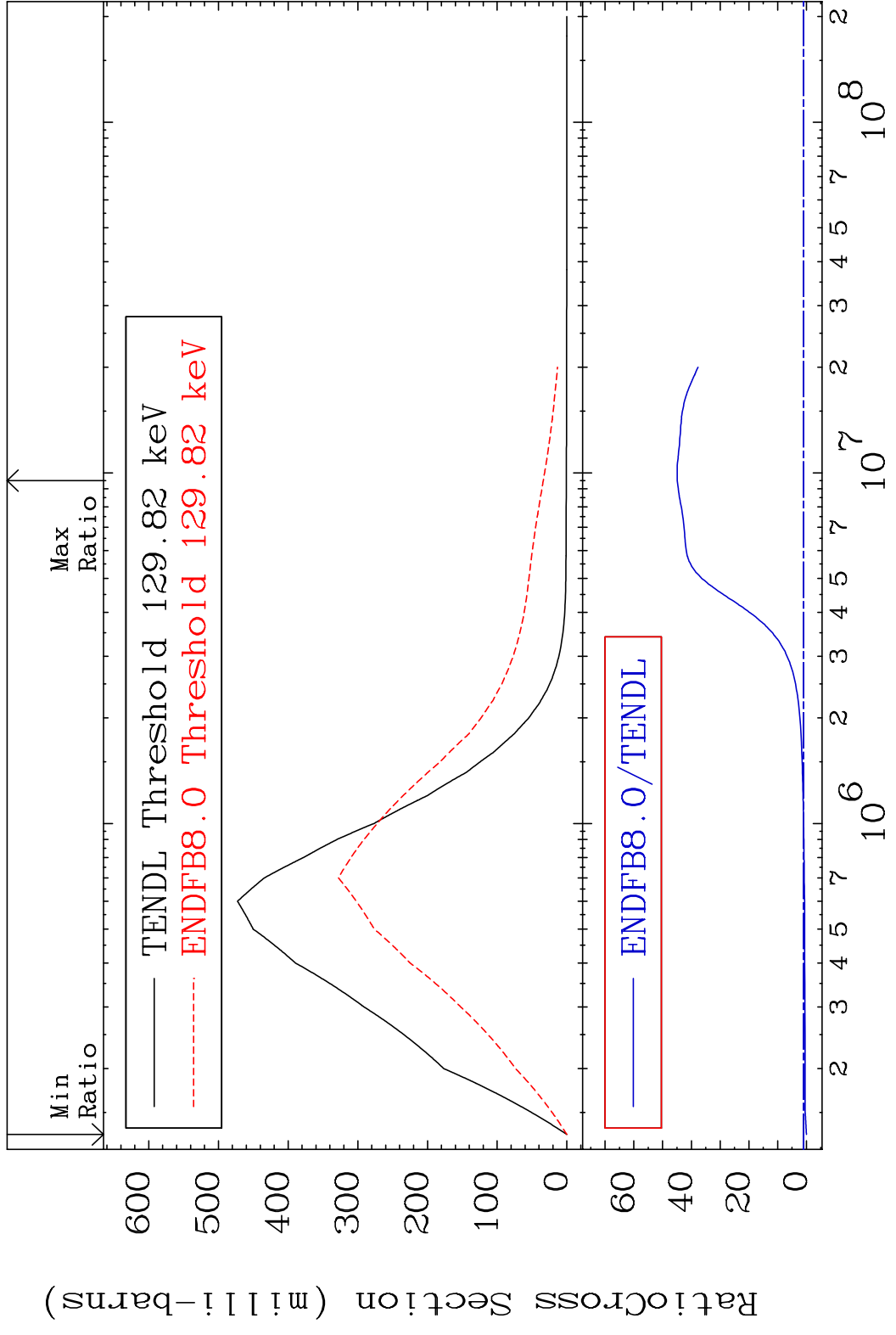


5 Incident Energy (eV) 69-Tm-171

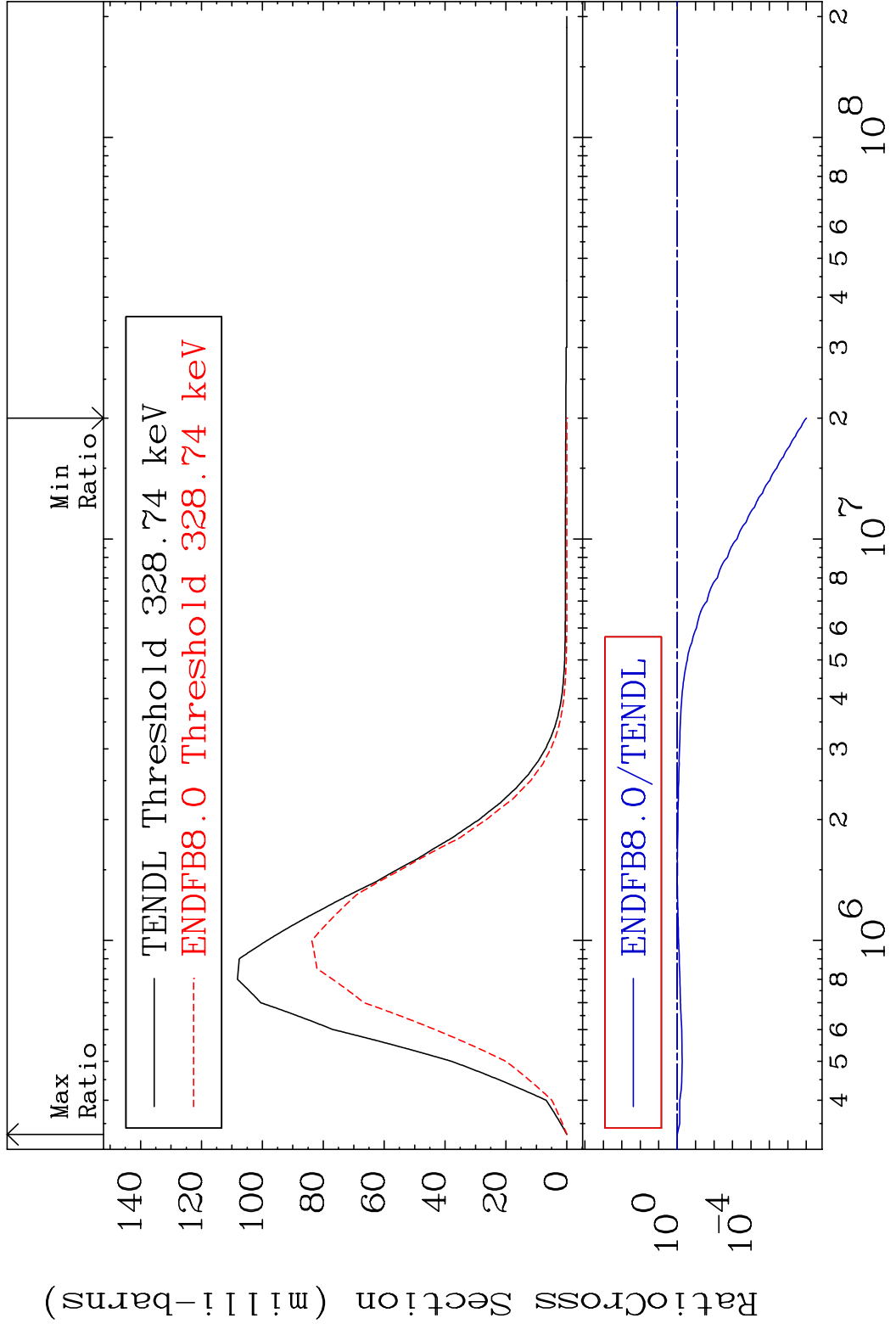
MAT 6931 MT= 52 (n,n') Level 69-Tm-171
 Cross Section -43.19 To 9999. %



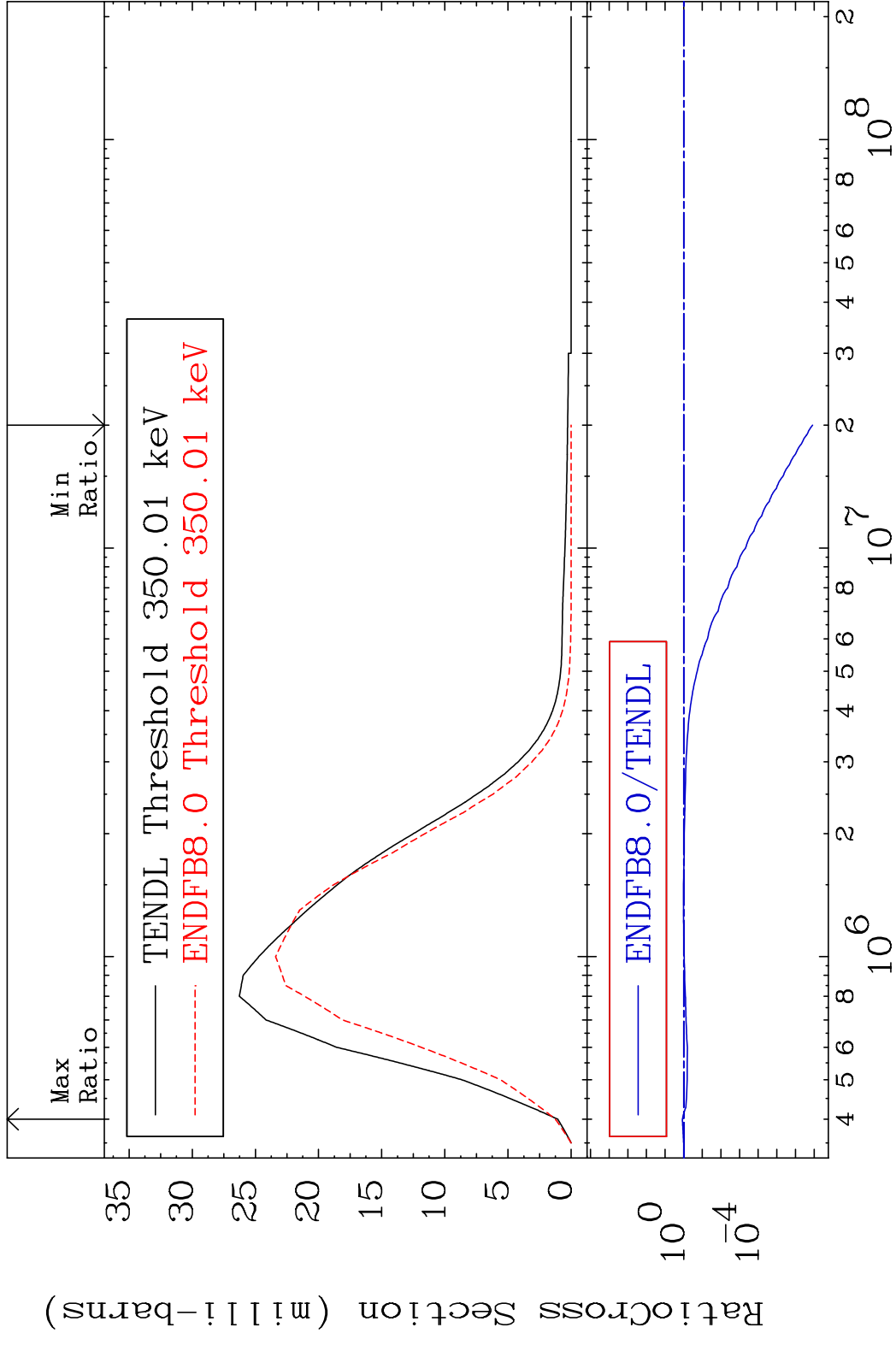
MAT 6931 MT= 53 (n, n') Level 69-Tm-171
 Cross Section -100.0 To 4394. %



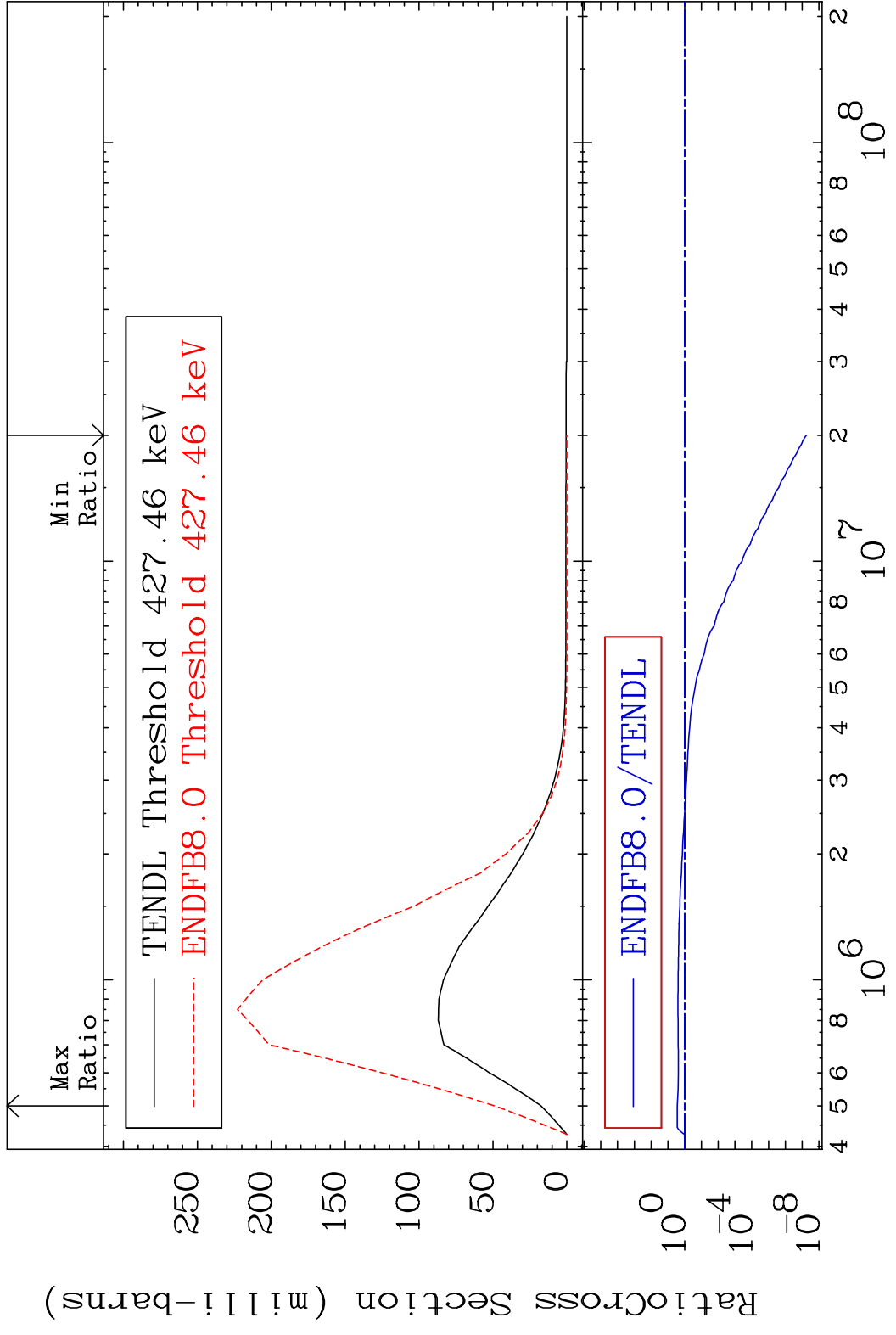
MAT 6931 MT= 54 (n,n') Level 69-Tm-171
 Cross Section -100.0 To 0.000 %



MAT 6931 MT= 55 (n, n') Level 69-Tm-171
 Cross Section -100.0 To 17.81 %

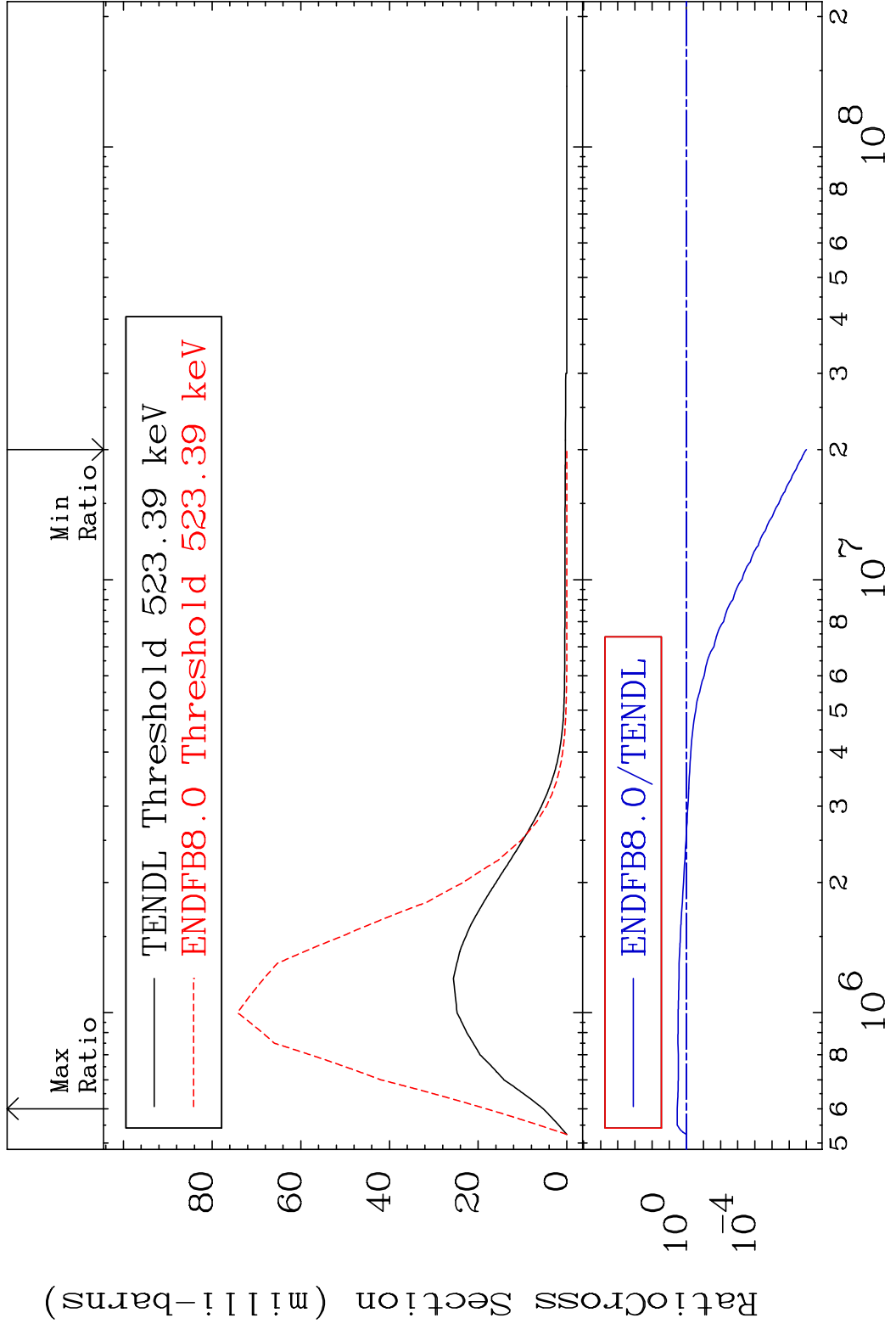


MAT 6931 MT= 56 (n, n') Level 69-Tm-171
 Cross Section -100.0 To 179.5 %

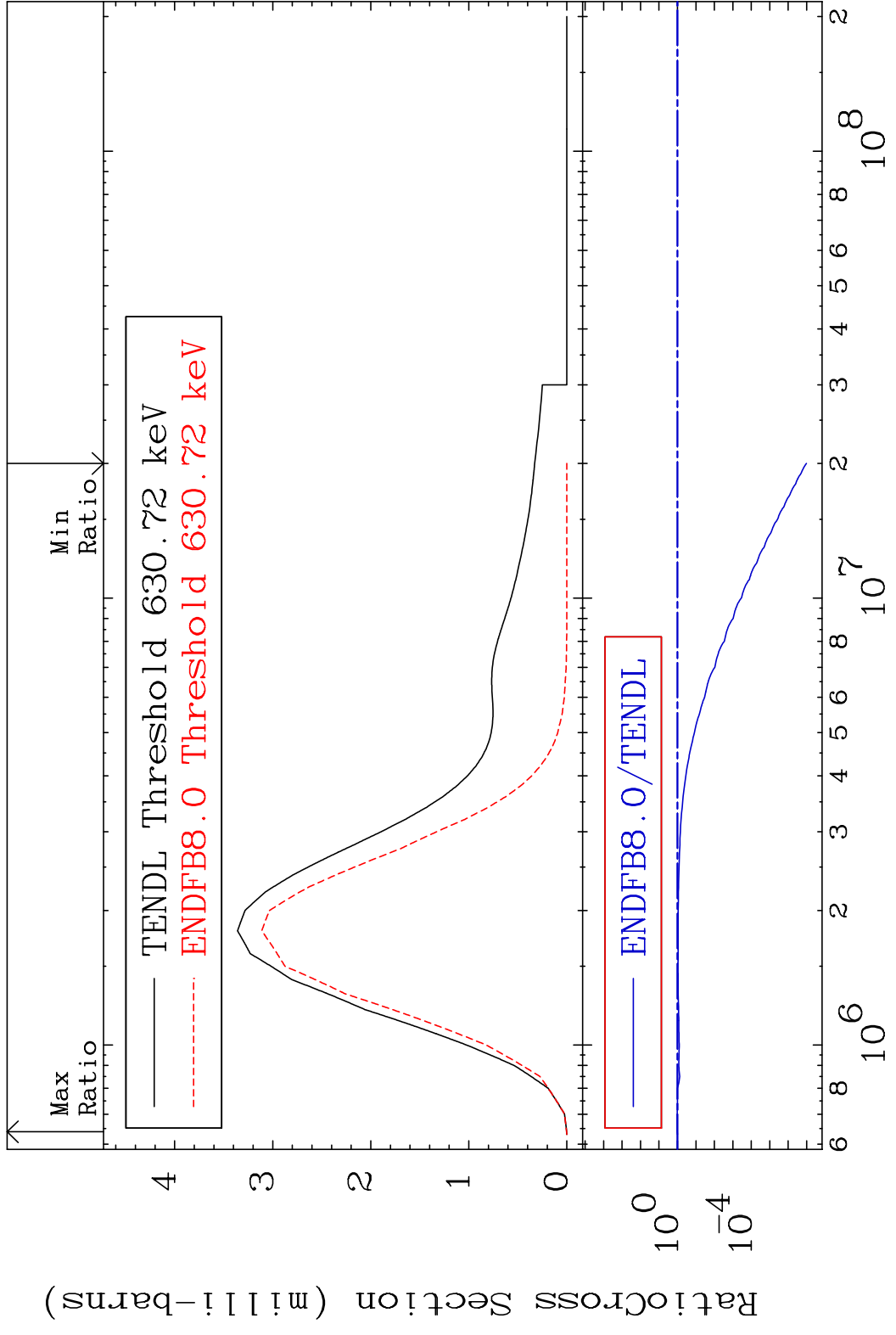


10 Incident Energy (eV) 69-Tm-171

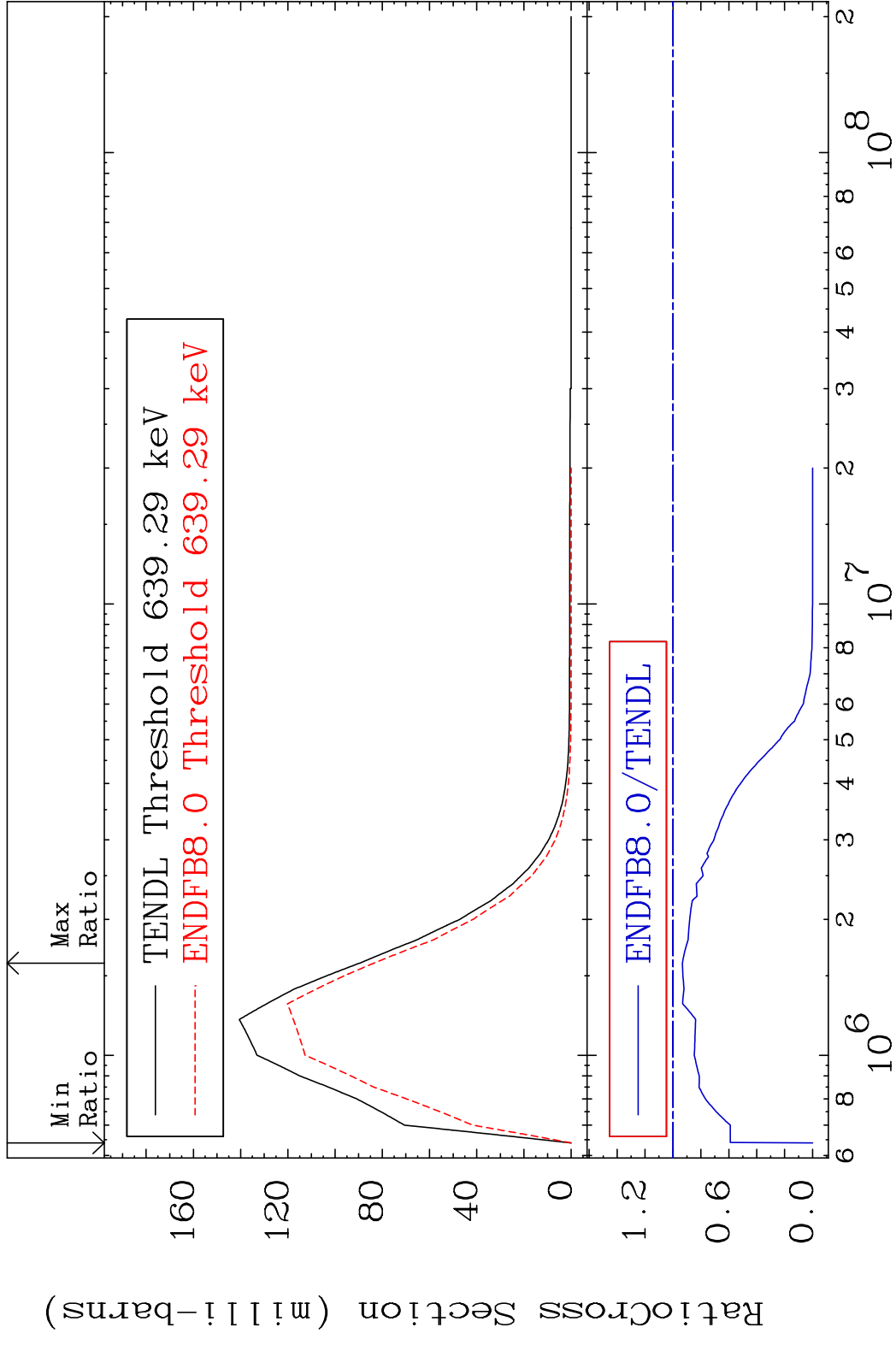
MAT 6931 MT= 57 (n, n') Level 69-Tm-171
 Cross Section -100.0 To 241.8 %



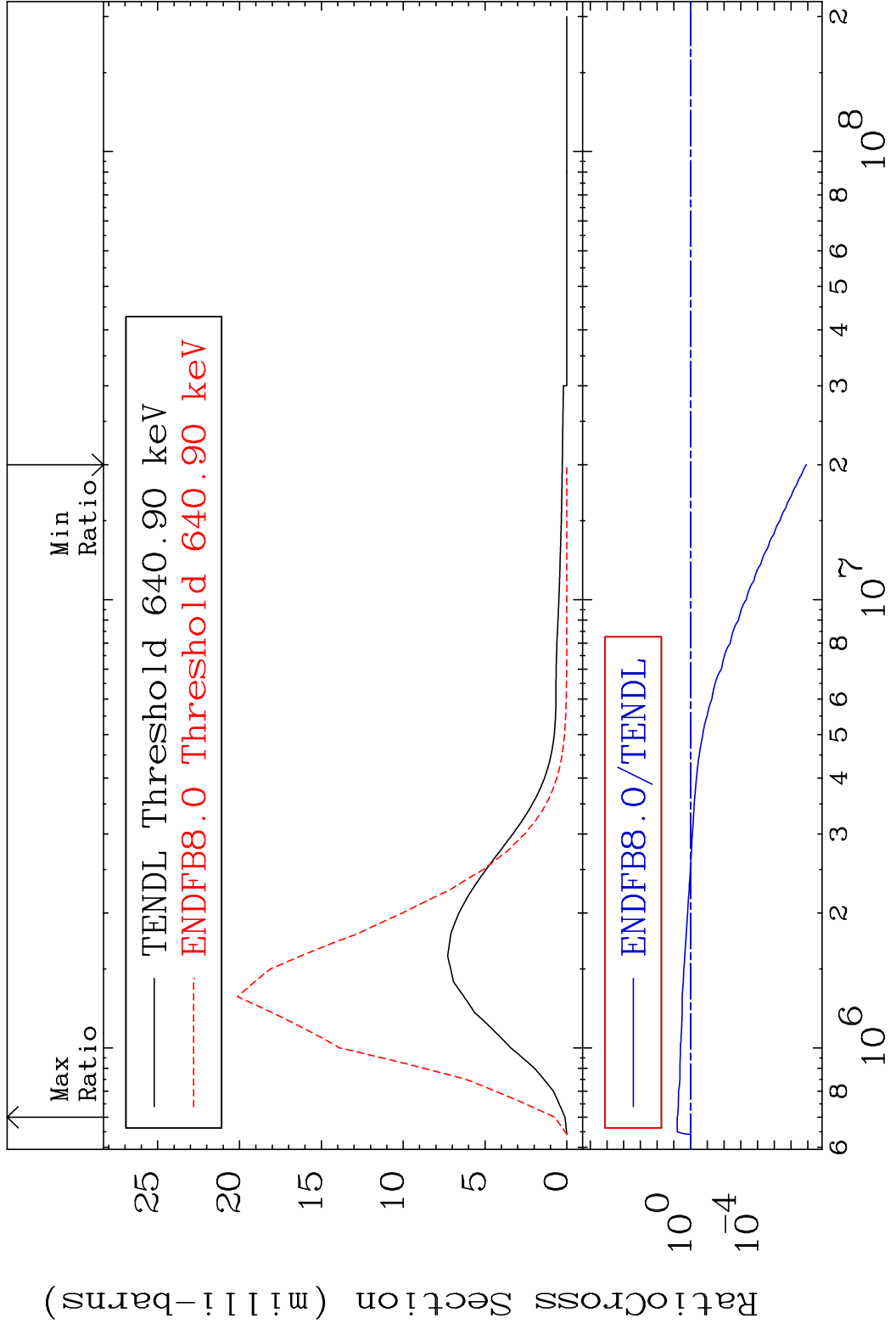
MAT 6931 MT= 58 (n, n') Level 69-Tm-171
 Cross Section -100.0 To 3.504 %



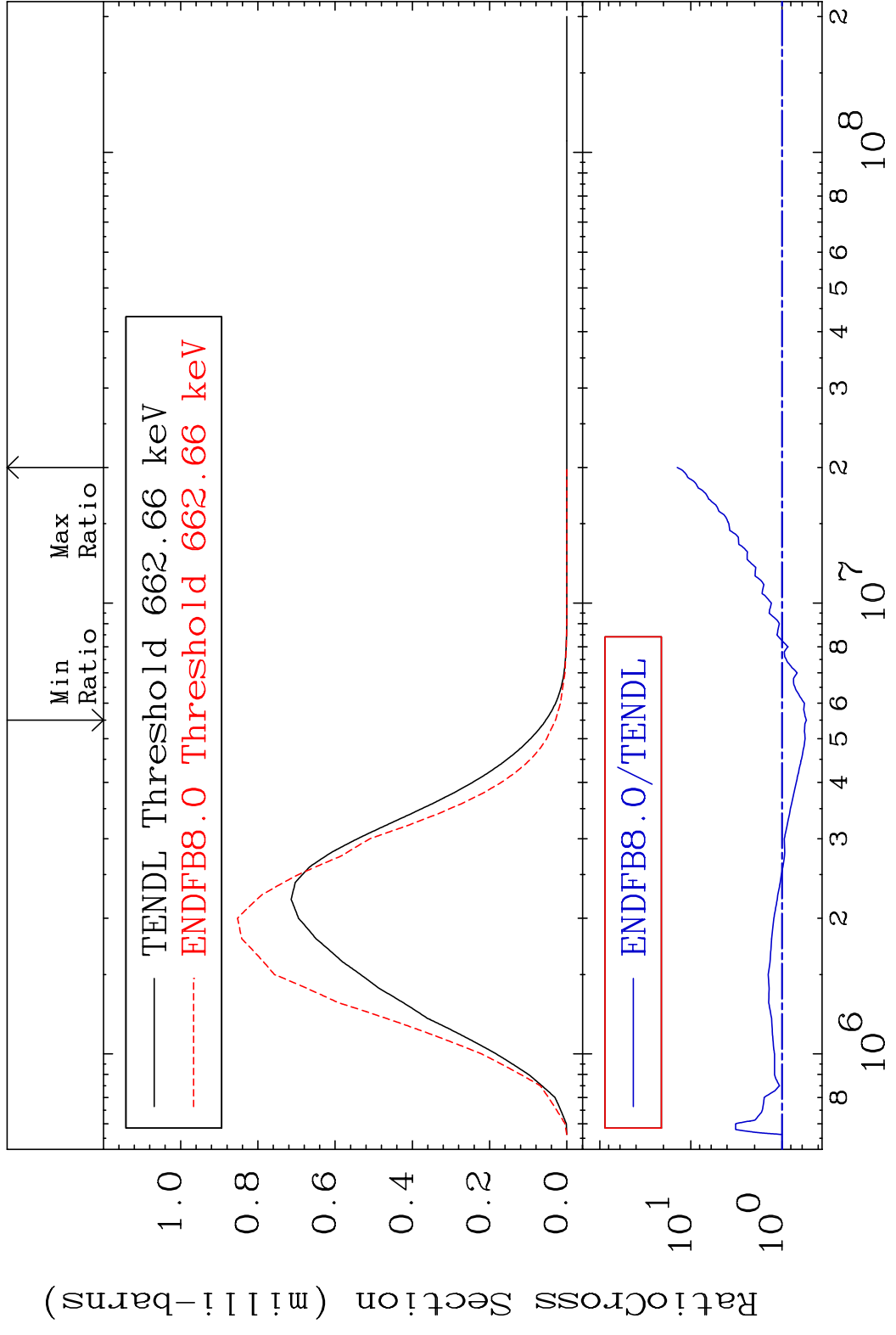
MAT 6931 MT= 59 (n,n') Level 69-Tm-171
 Cross Section -100.0 To -6.730%



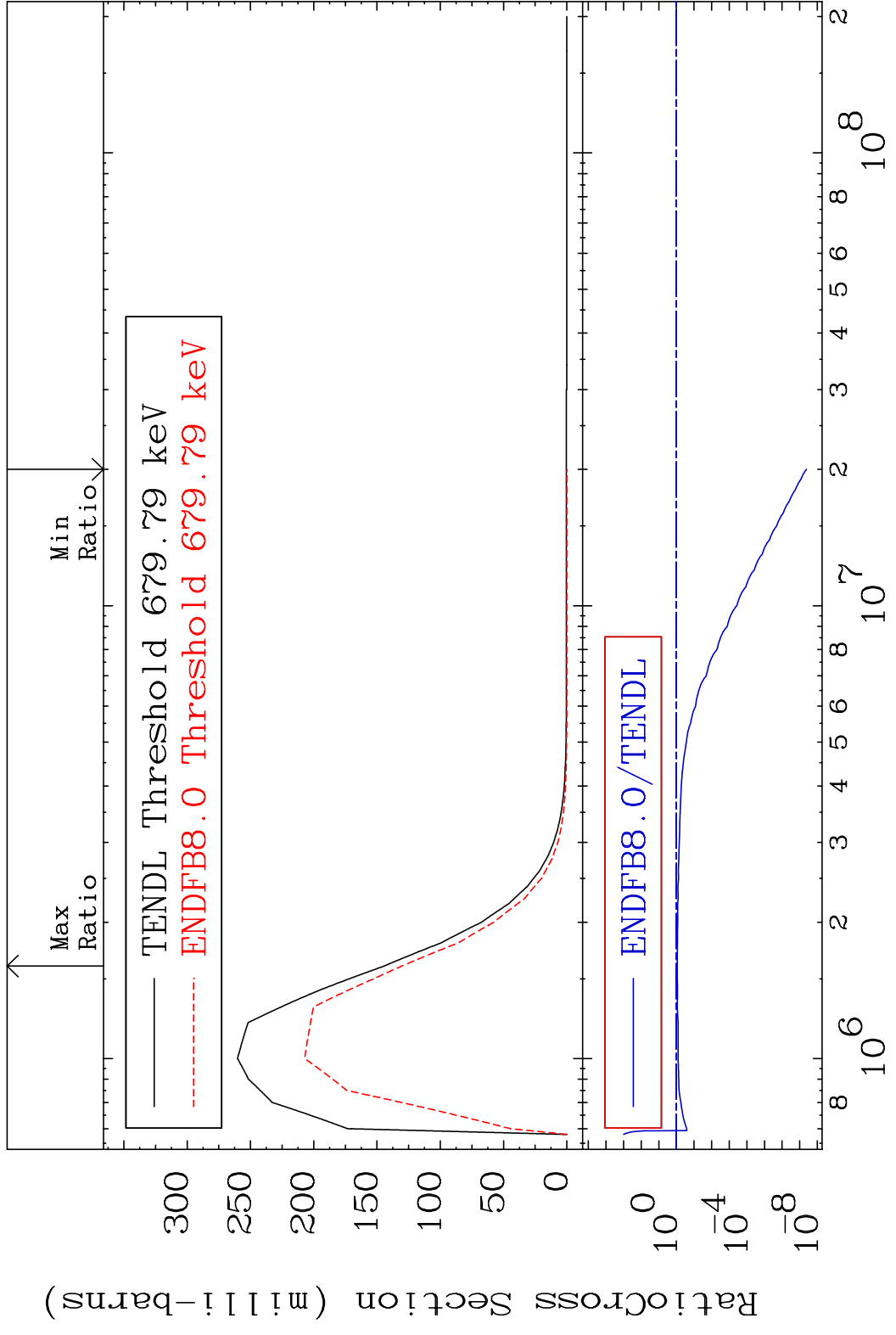
MAT 6931 MT= 60 (n, n') Level 69-Tm-171
 Cross Section -100.0 To 536.8 %



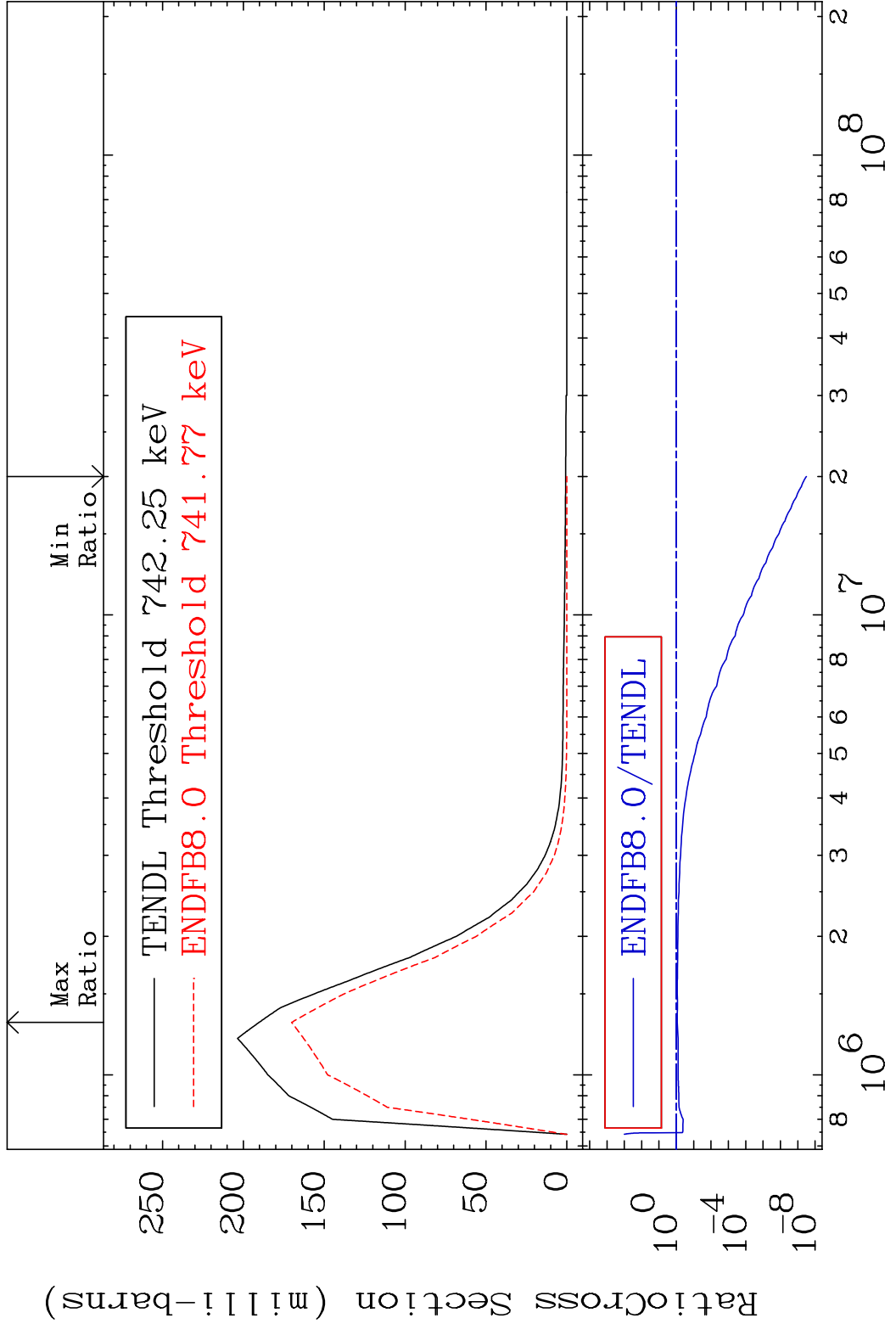
MAT 6931 MT= 61 (n, n') Level 69-Tm-171
 Cross Section -46.13 To 1313. %



MAT 6931 MT= 62 (n, n') Level 69-Tm-171
 Cross Section -100.0 To -9.690%

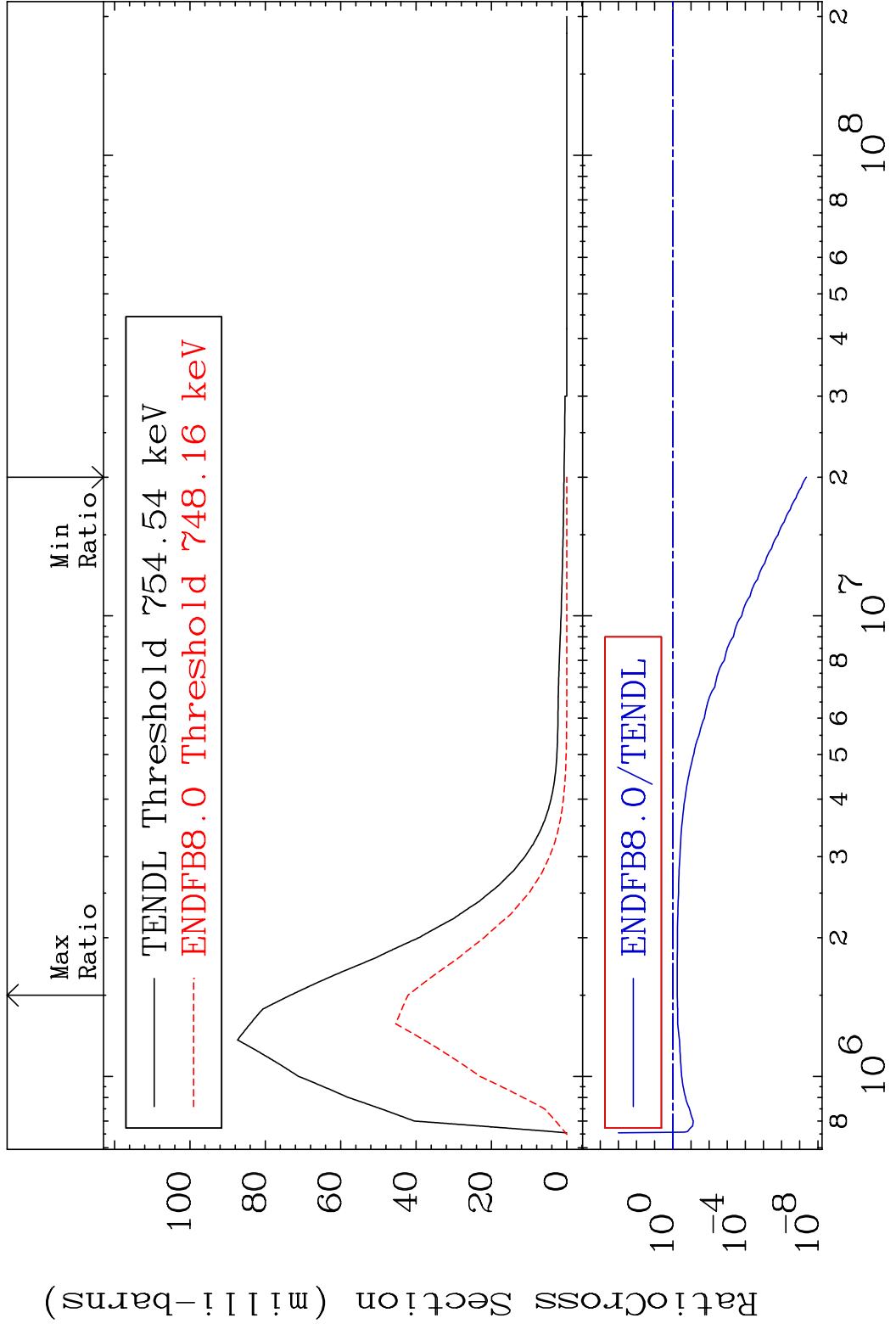


MAT 6931 MT= 63 (n, n') Level 69-Tm-171
 Cross Section -100.0 To -10.58%



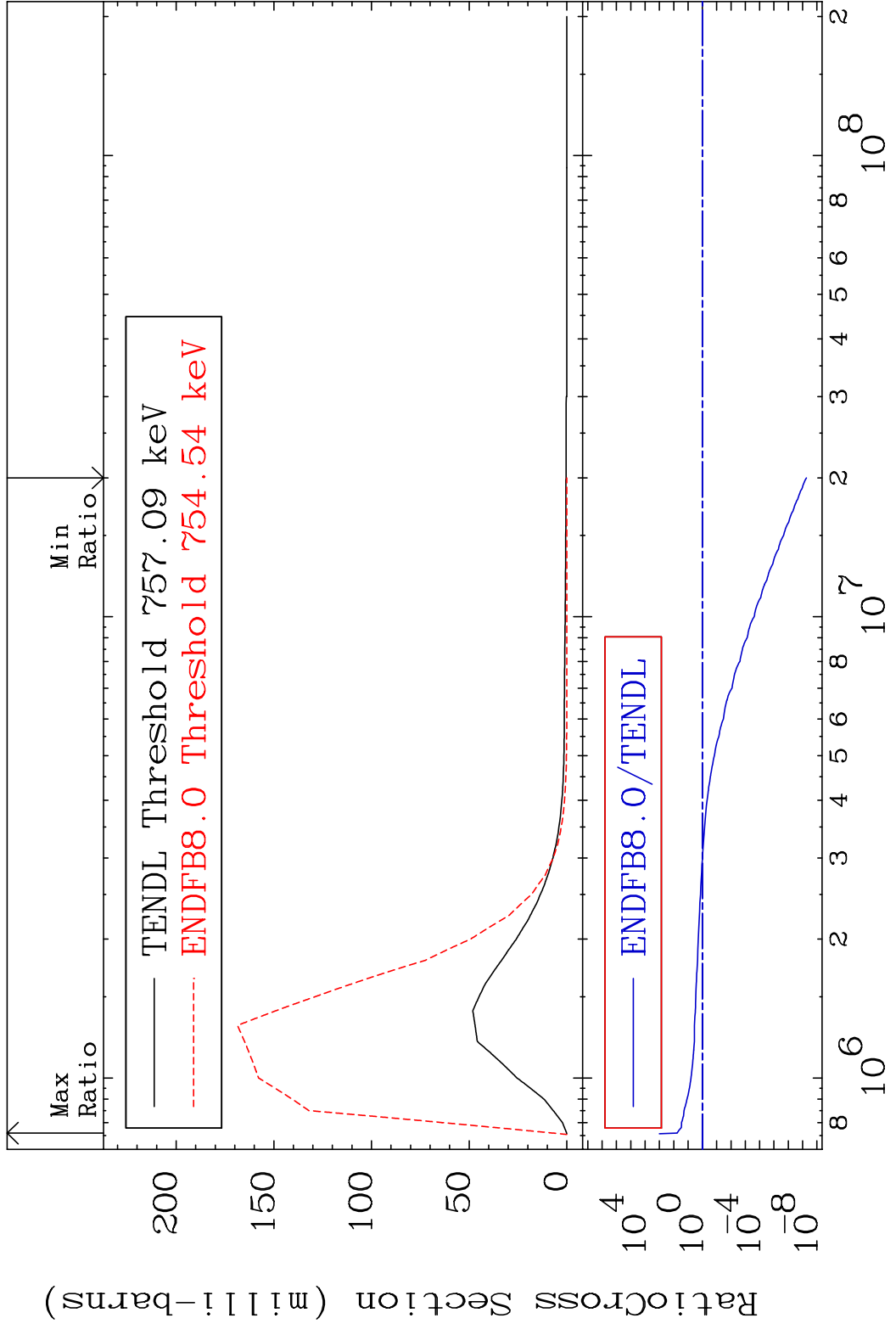
17 Incident Energy (eV) 69-Tm-171

MAT 6931 MT= 64 (n, n') Level 69-Tm-171
 Cross Section -100.0 To -42.51%

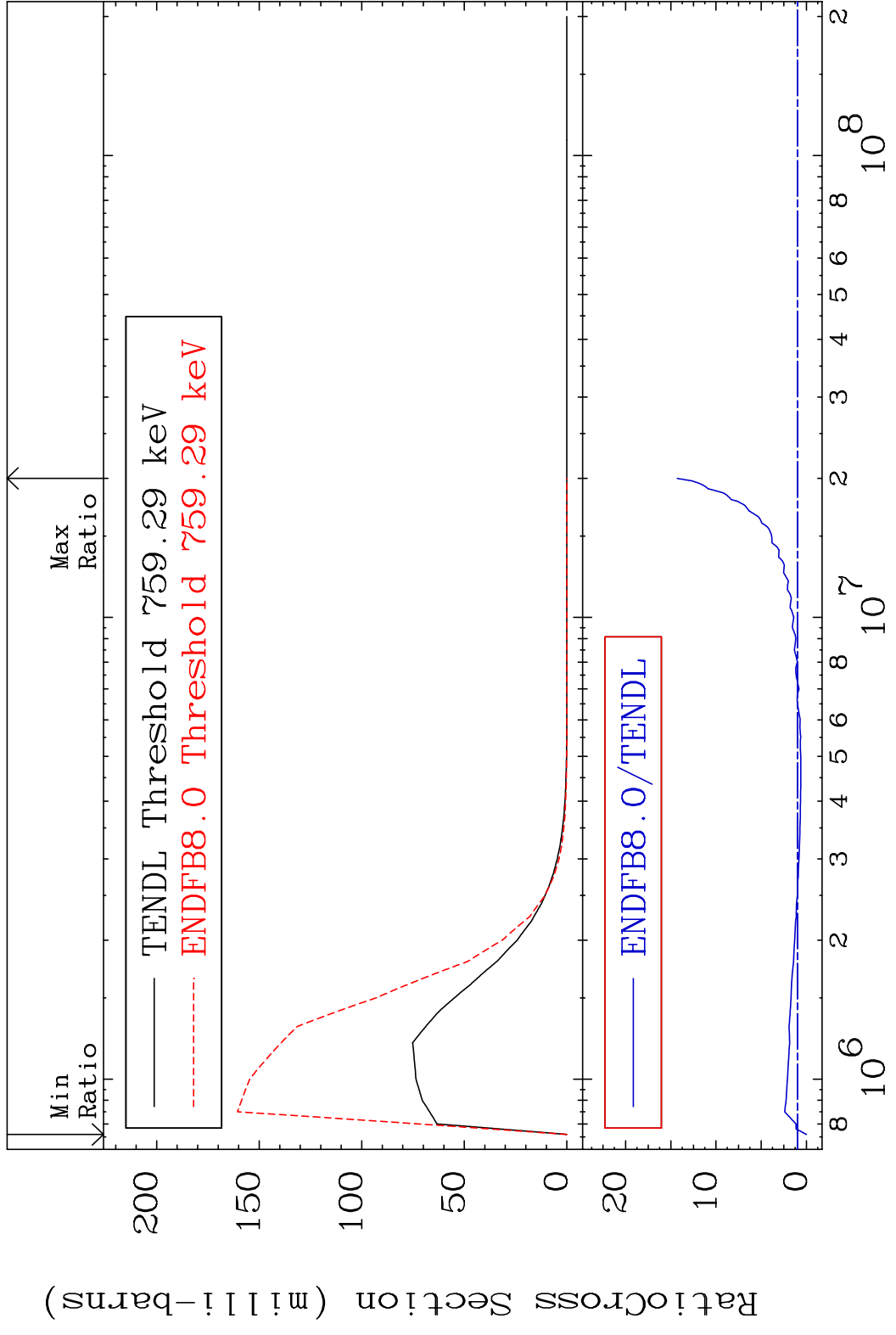


18 Incident Energy (eV) 69-Tm-171

MAT 6931 MT= 65 (n, n') Level 69-Tm-171
 Cross Section -100.0 To 5633. %

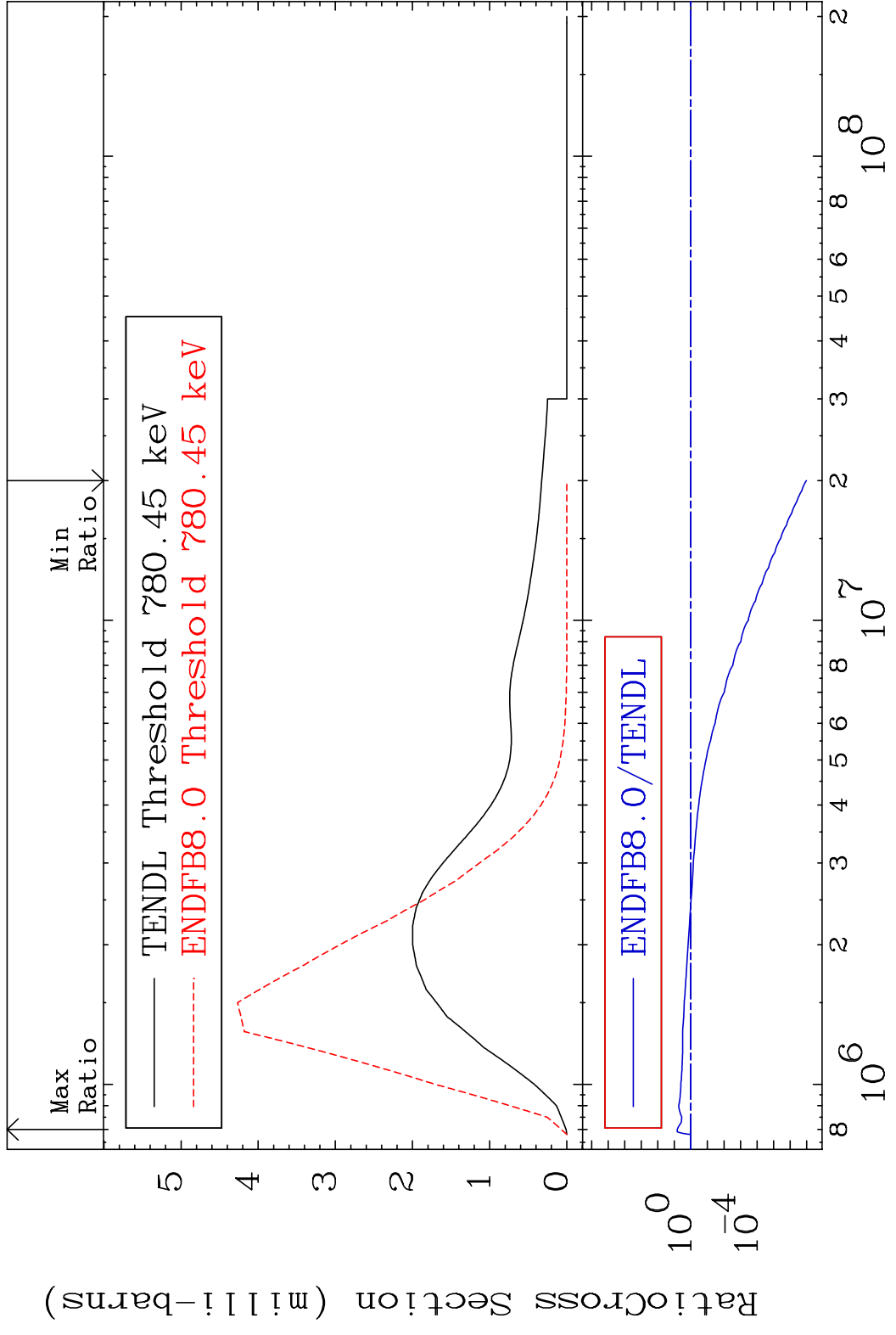


MAT 6931 MT= 66 (n, n') Level 69-Tm-171
 Cross Section -100.0 To 1330. %

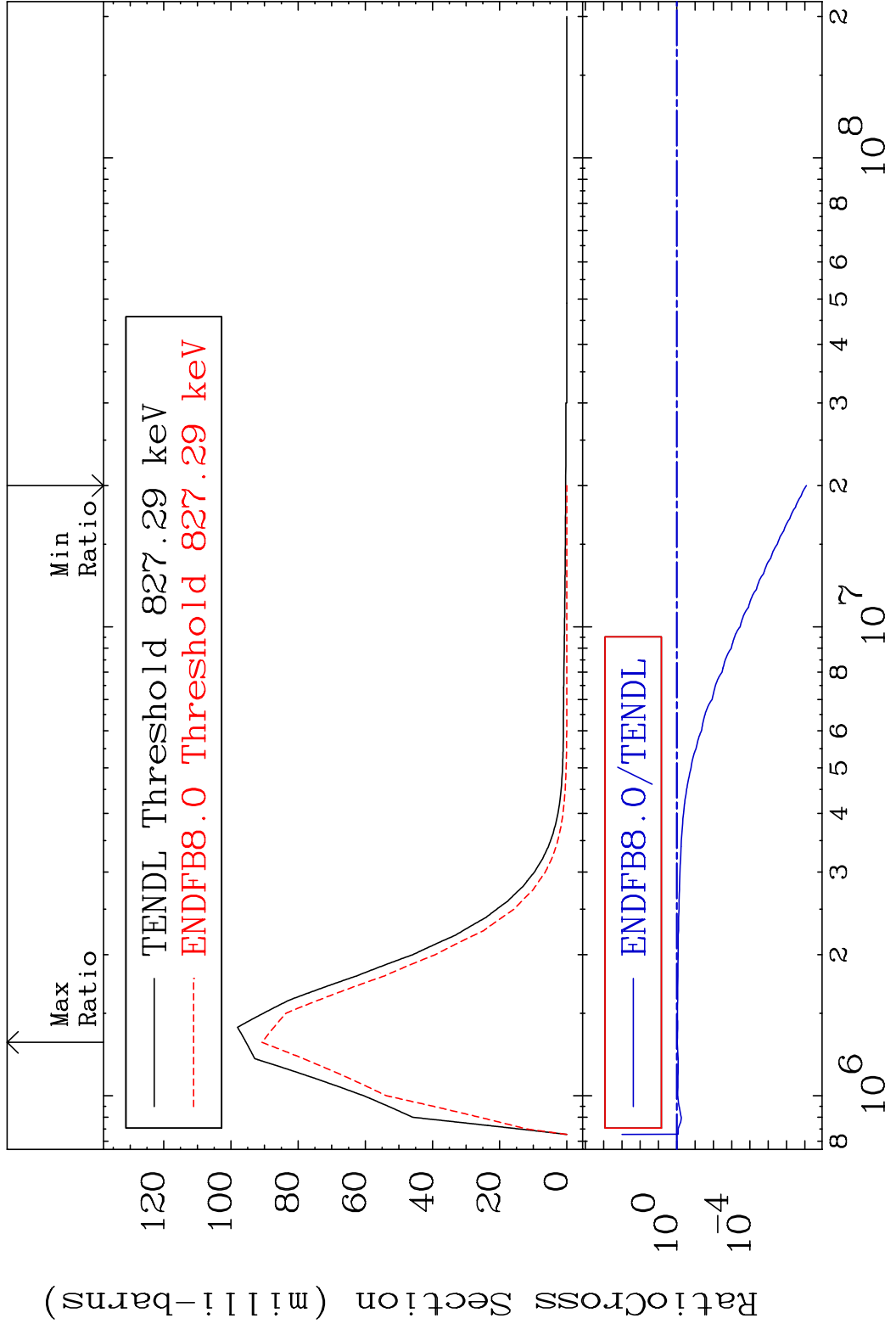


20 69-Tm-171

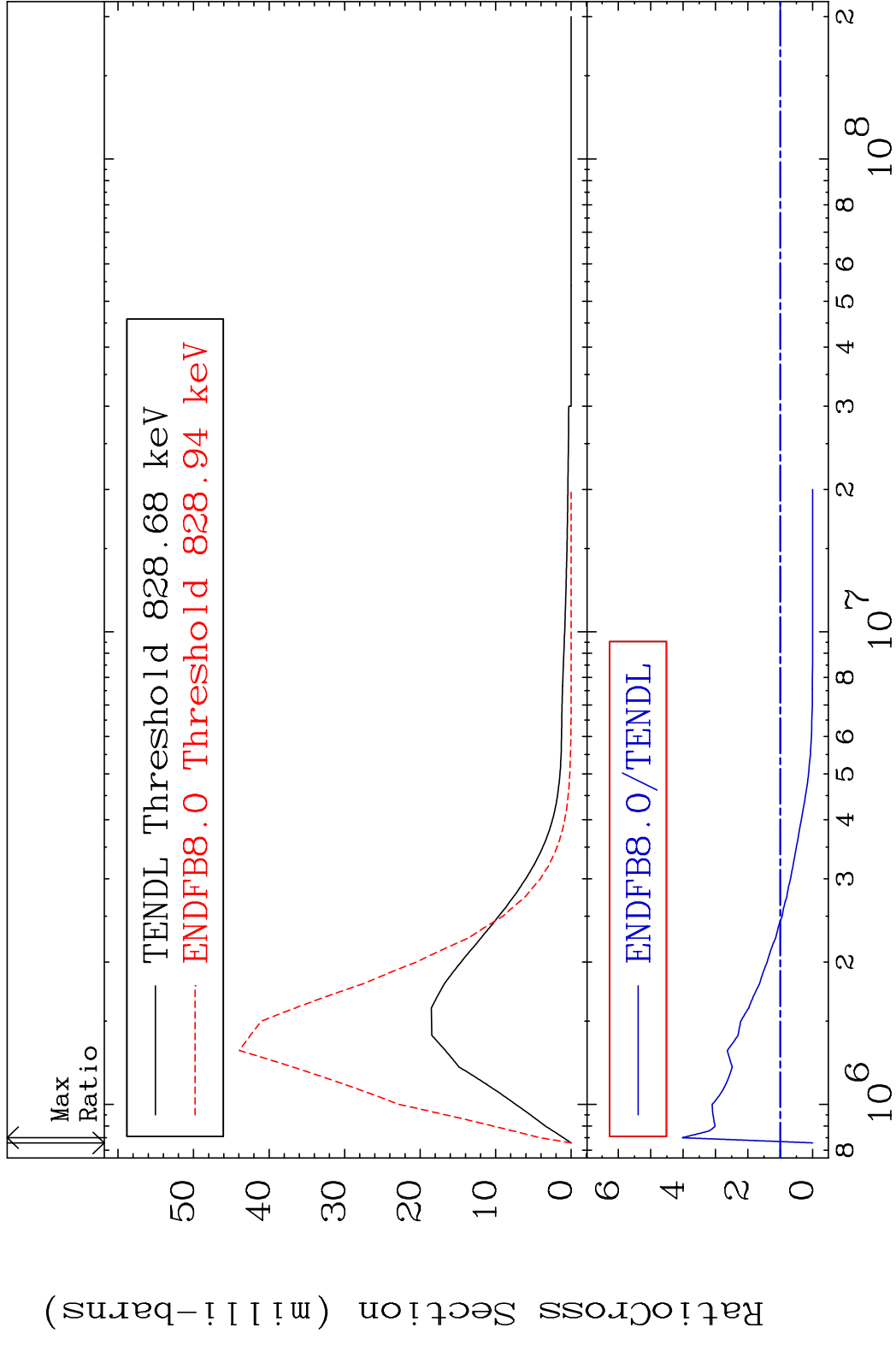
MAT 6931 MT= 67 (n, n') Level 69-Tm-171
 Cross Section -100.0 To 573.1 %



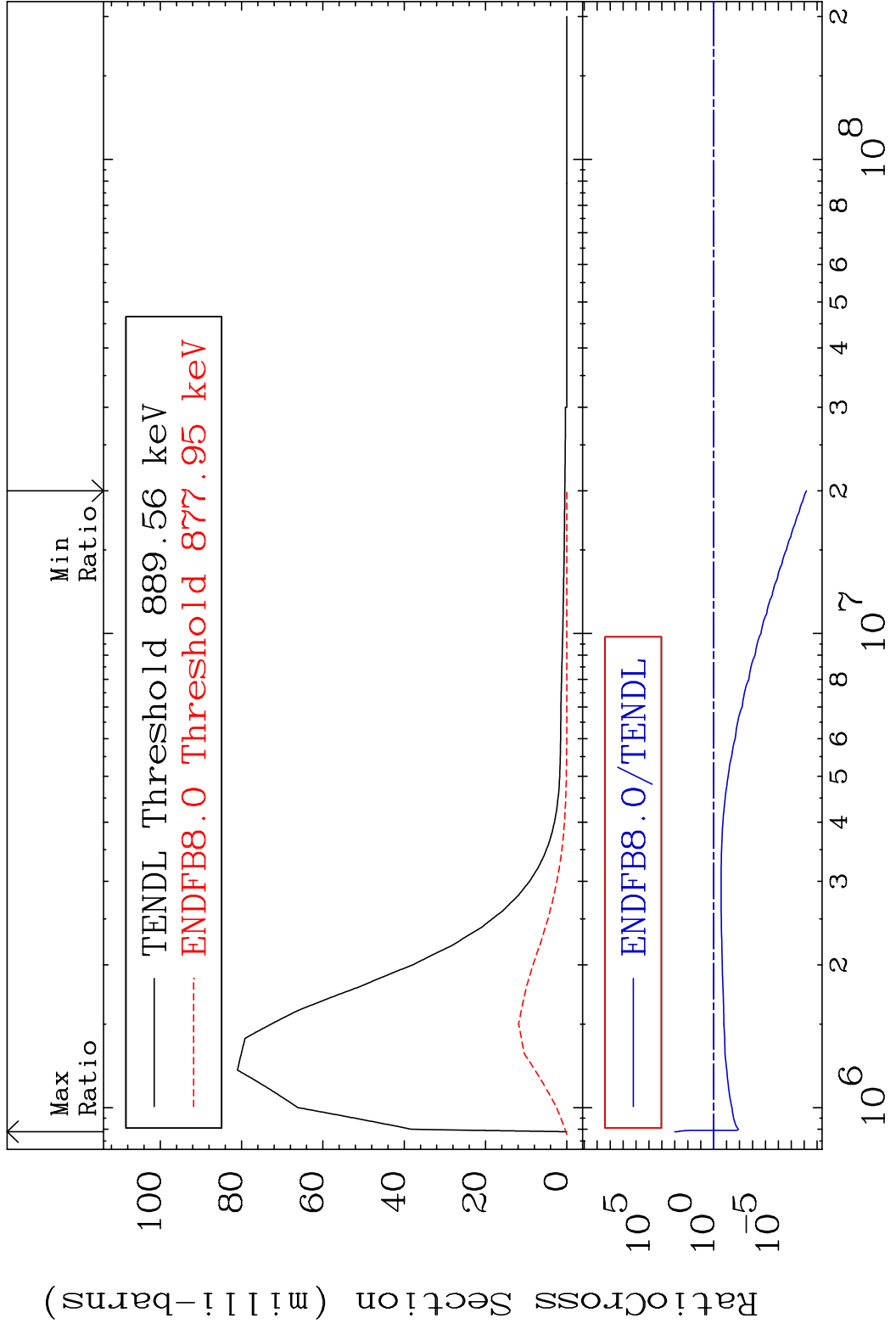
MAT 6931 MT= 68 (n, n') Level 69-Tm-171
 Cross Section -100.0 To -4.938%



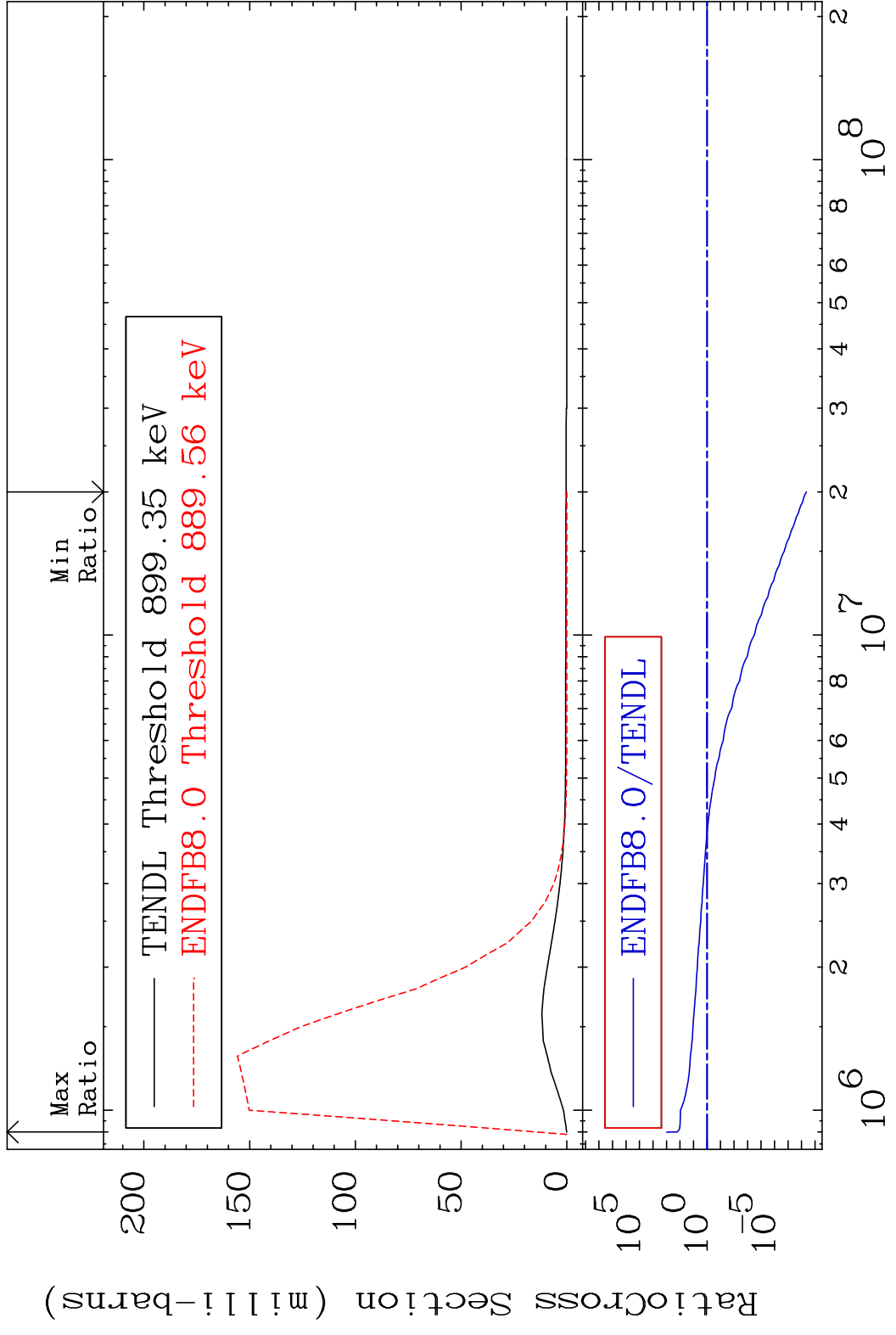
MAT 6931 MT= 69 (n, n') Level 69-Tm-171
 Cross Section -100.0 To 302.4 %



MAT 6931 MT= 70 (n, n') Level 69-Tm-171
 Cross Section -100.0 To 9999. %

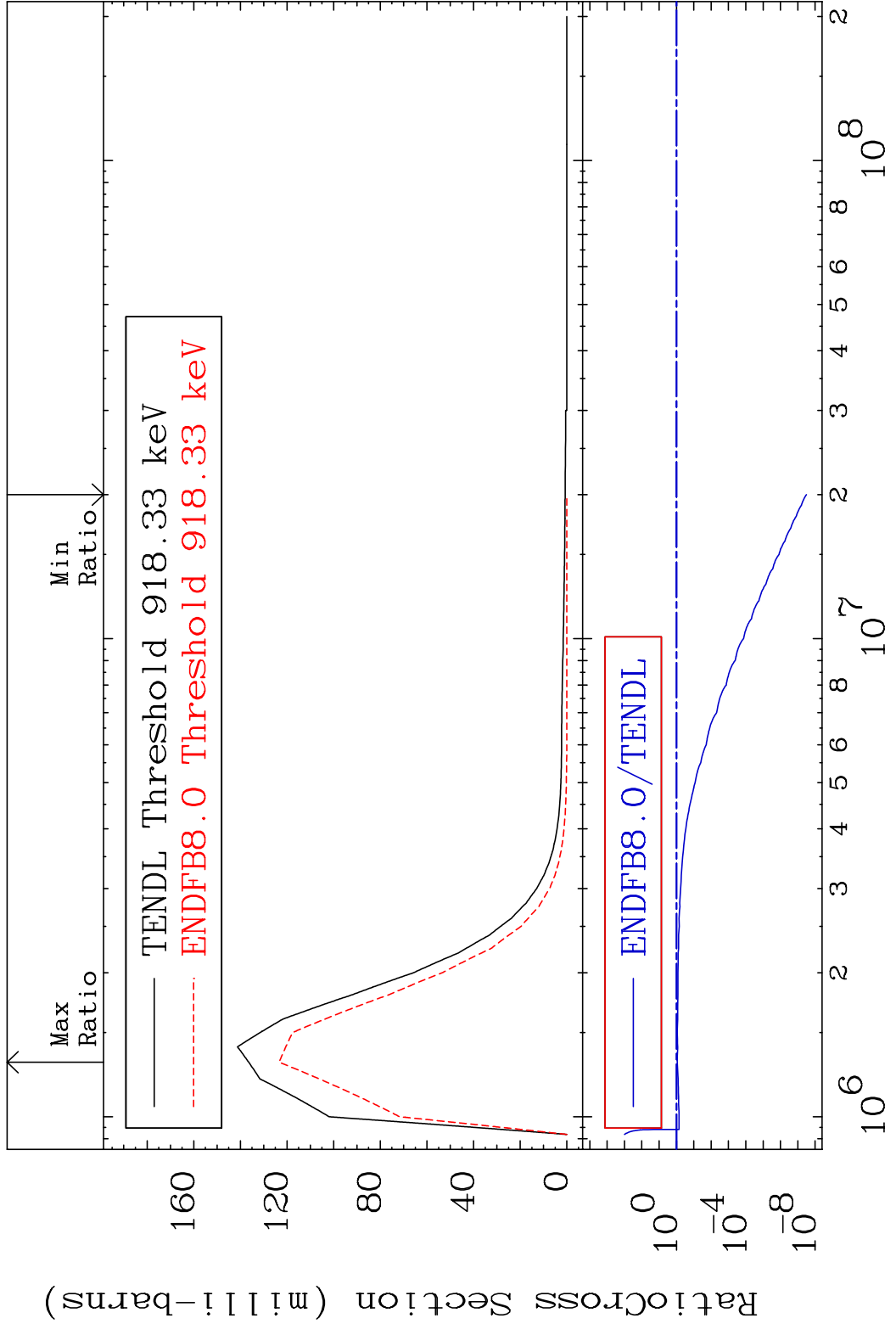


MAT 6931 MT= 71 (n, n') Level 69-Tm-171
 Cross Section -100.0 To 9999. %



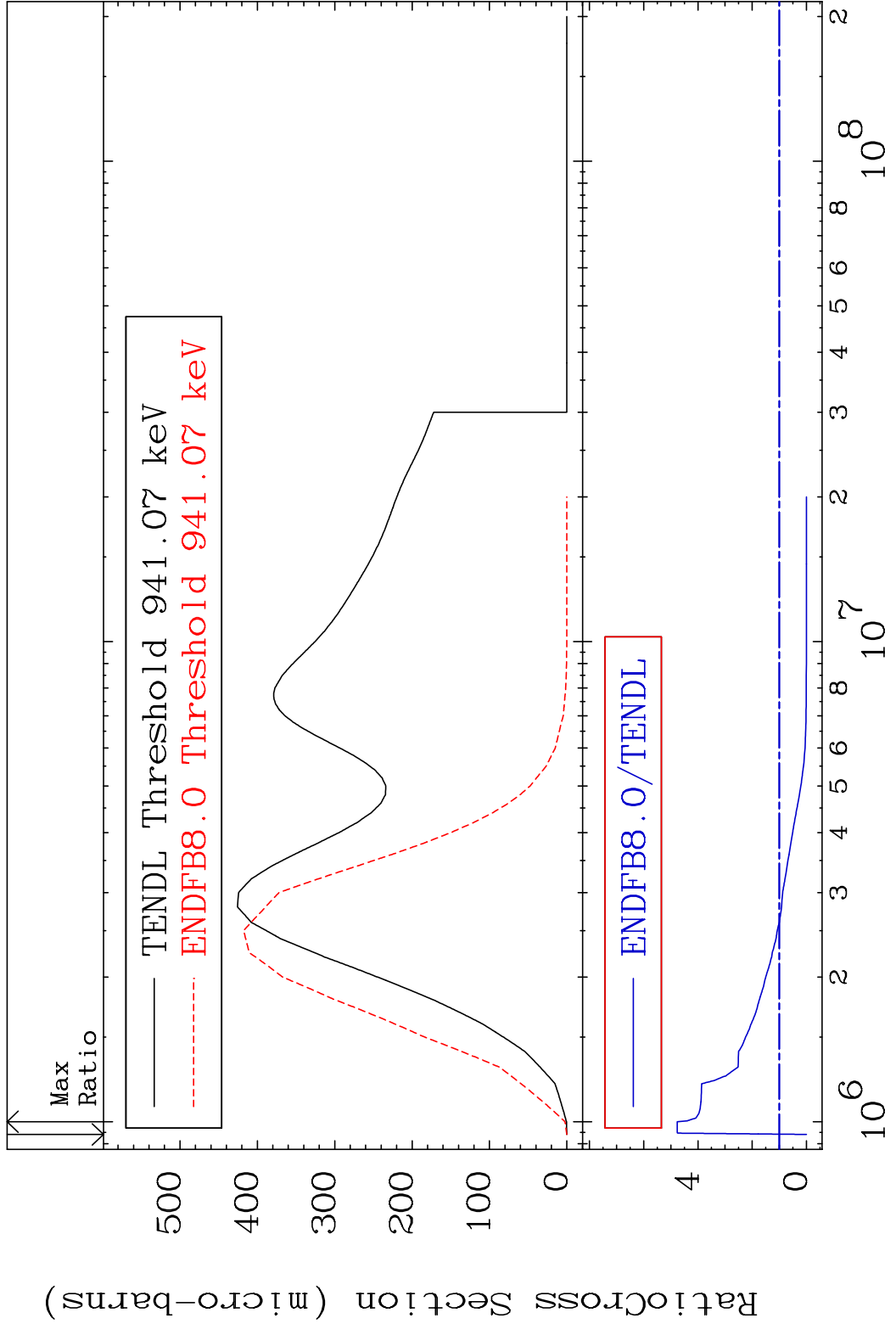
25 Incident Energy (eV) 69-Tm-171

MAT 6931 MT= 72 (n, n') Level 69-Tm-171
 Cross Section -100.0 To -9.532%



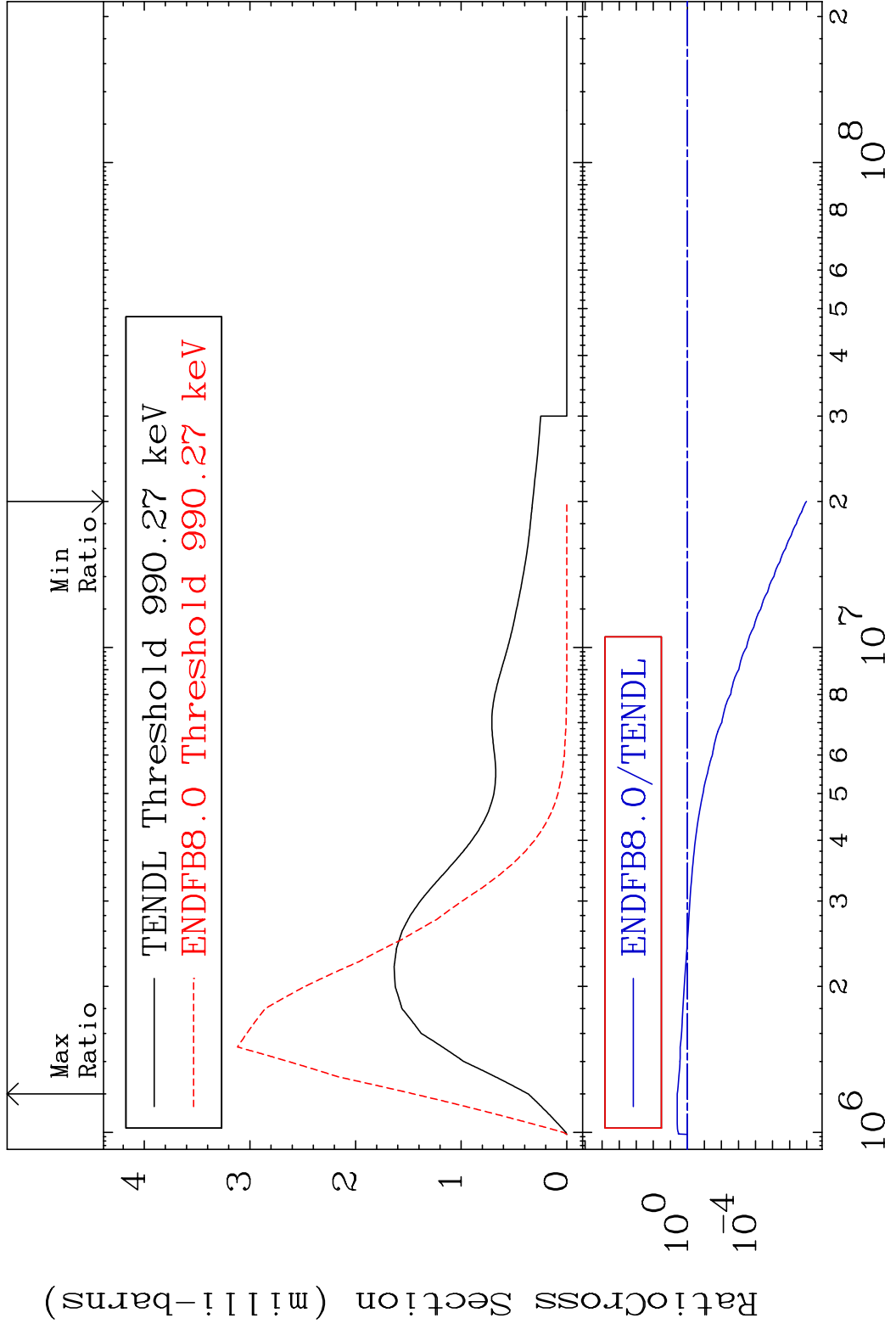
26 Incident Energy (eV) 69-Tm-171

MAT 6931 MT= 73 (n, n') Level 69-Tm-171
 Cross Section -100.0 To 376.6 %



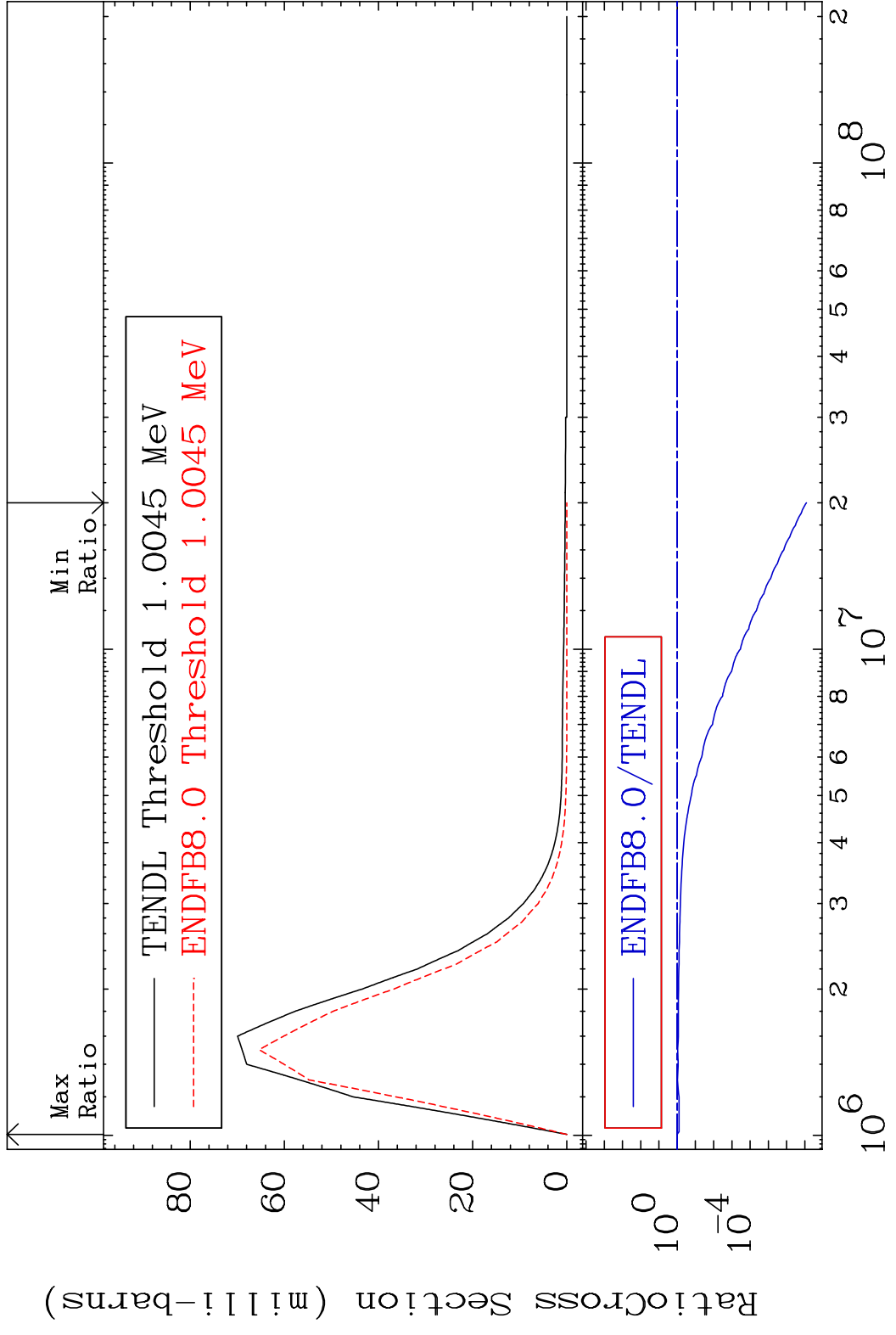
27 Incident Energy (eV) 69-Tm-171

MAT 6931 MT= 74 (n, n') Level 69-Tm-171
 Cross Section -100.0 To 296.7 %



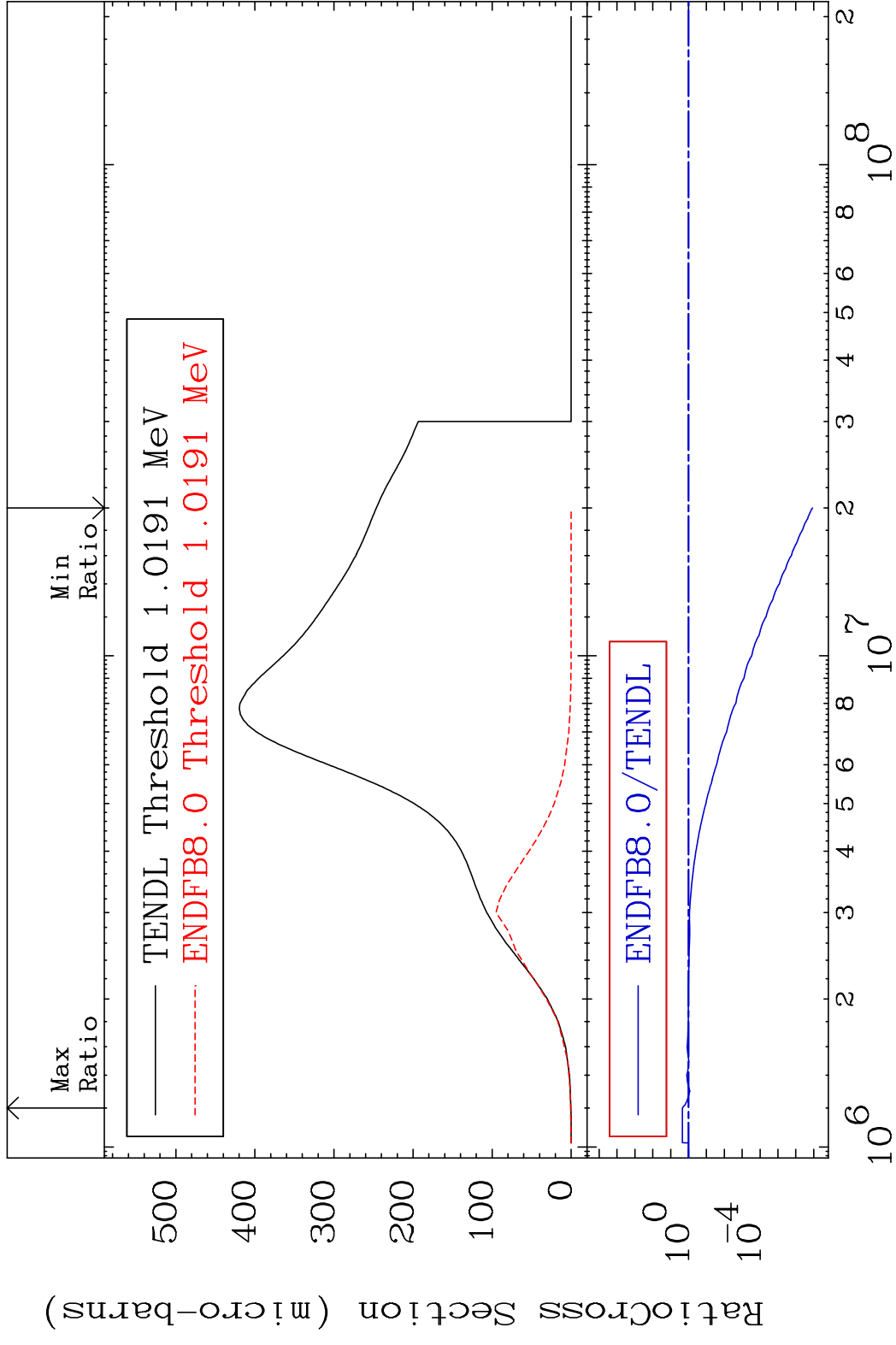
28 Incident Energy (eV) 69-Tm-171

MAT 6931 MT= 75 (n, n') Level 69-Tm-171
 Cross Section -100.0 To 0.000 %



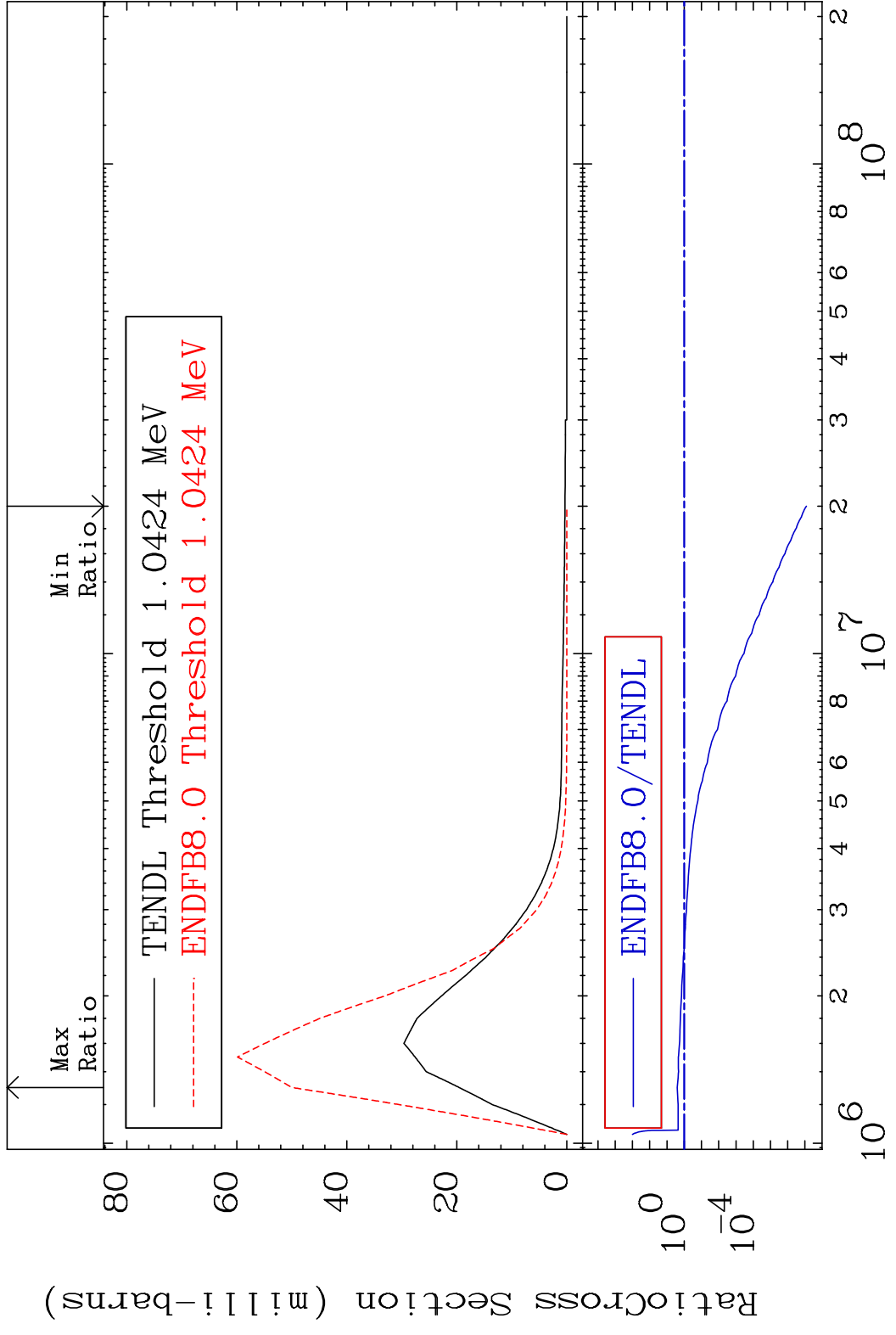
29 Incident Energy (eV) 69-Tm-171

MAT 6931 MT= 76 (n, n') Level 69-Tm-171
 Cross Section -100.0 To 122.0 %



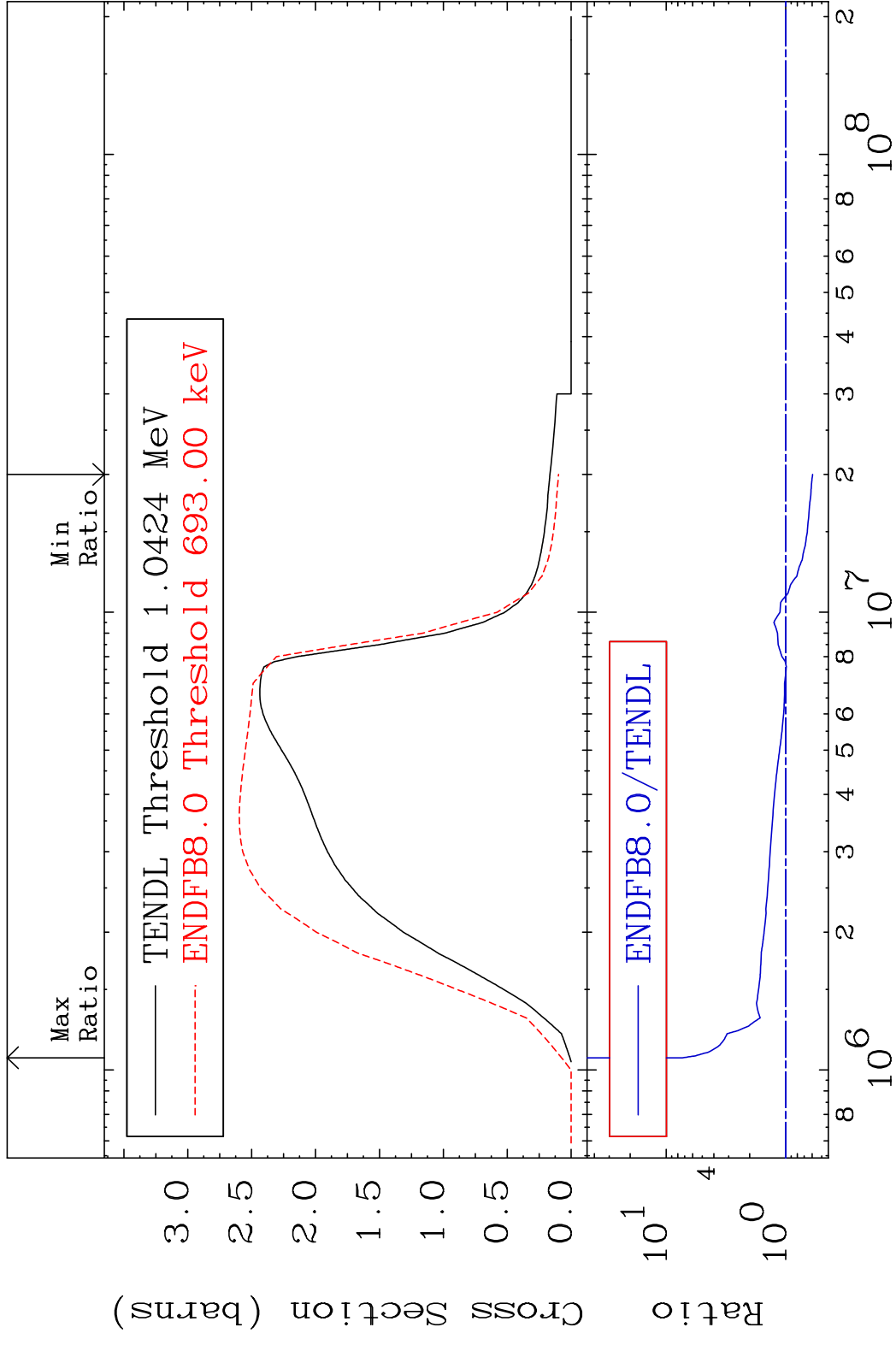
30 Incident Energy (eV) 69-Tm-171

MAT 6931 MT= 77 (n, n') Level 69-Tm-171
 Cross Section -100.0 To 155.5 %



31 Incident Energy (eV) 69-Tm-171

MAT 6931 (n, n') Continuum 69-Tm-171
 Cross Section -40.34 To 632.9 %

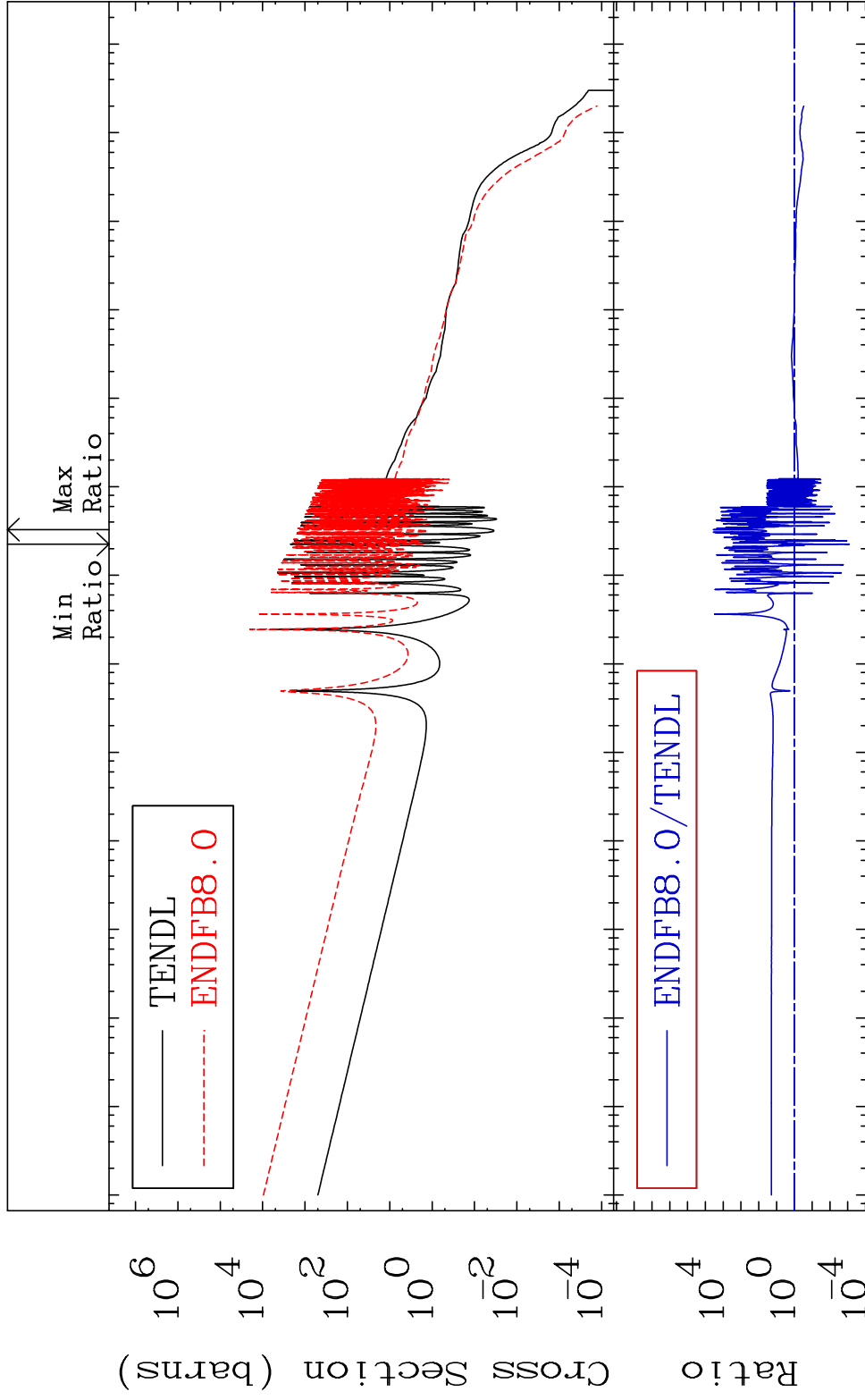


MAT 6931

(n, γ)

69-Tm-171

Cross Section -99.92 To 9999. %



33

Incident Energy (eV)

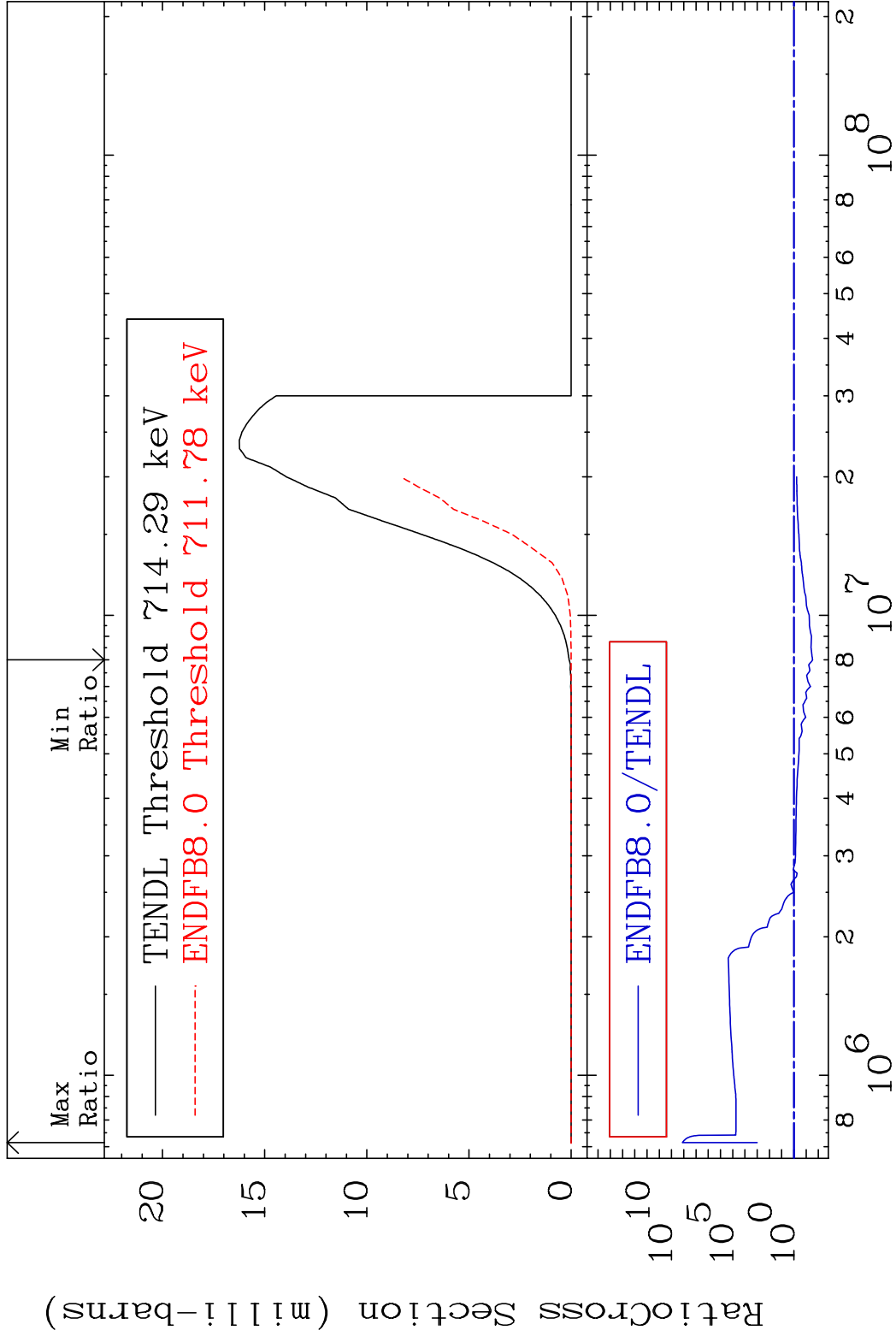
69-Tm-171

MAT 6931

(n, p)

69-Tm-171

Cross Section -97.01 To 9999. %



34

Incident Energy (eV)

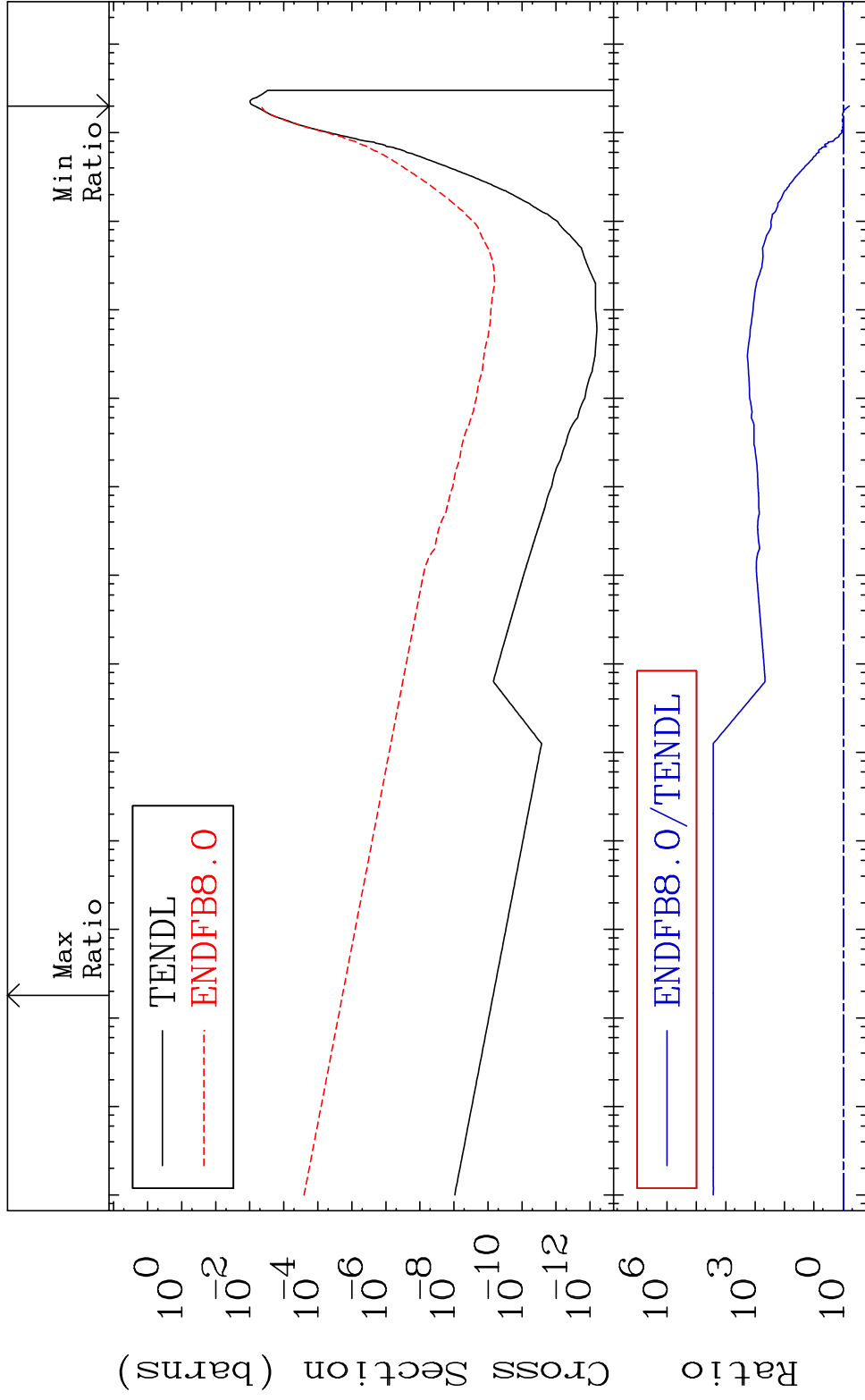
69-Tm-171

MAT 6931

(n, α)

69-Tm-171

Cross Section -37.45 To 9999. %

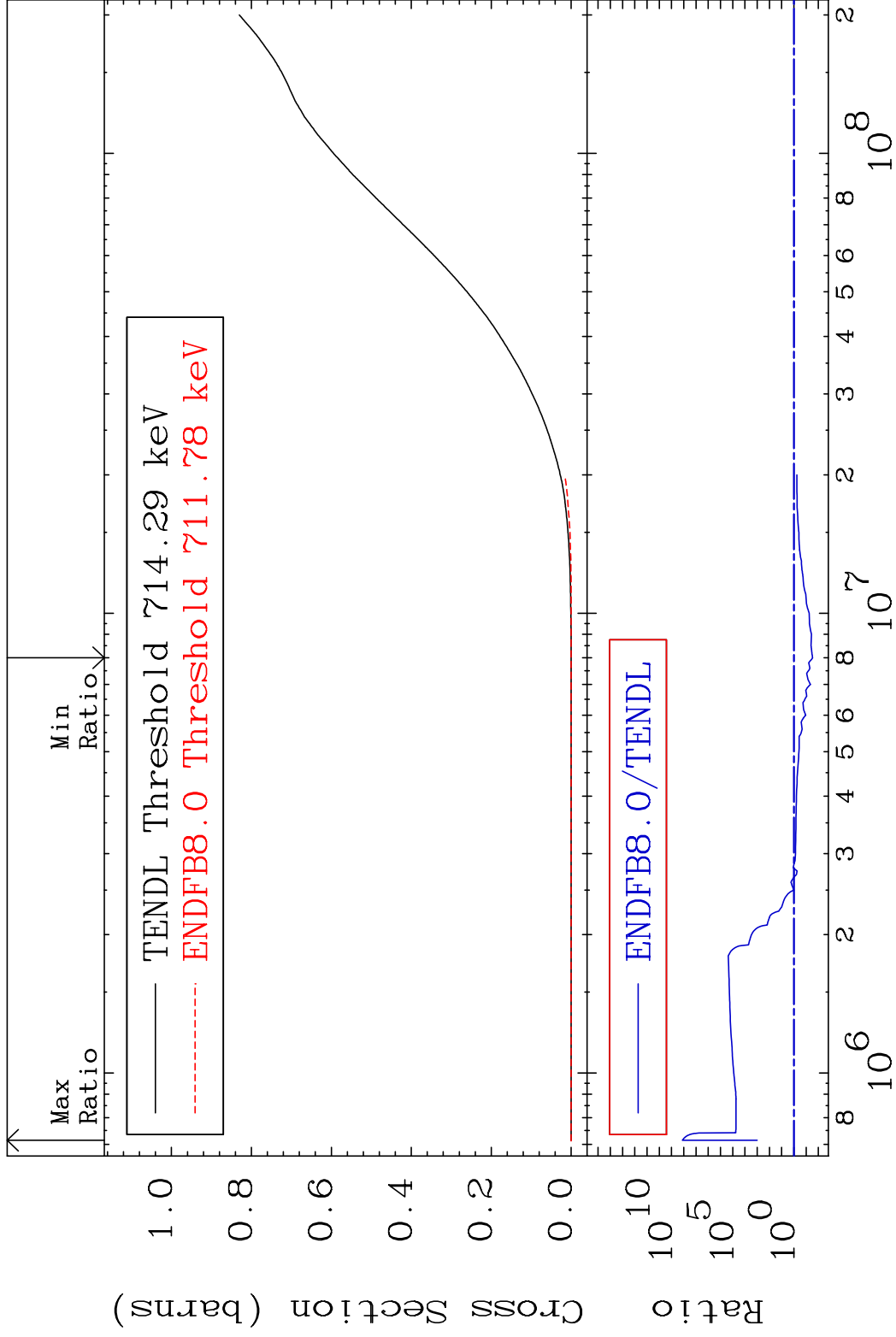


35

Incident Energy (eV)

69-Tm-171

Cross Section -97.01 To 9999. %

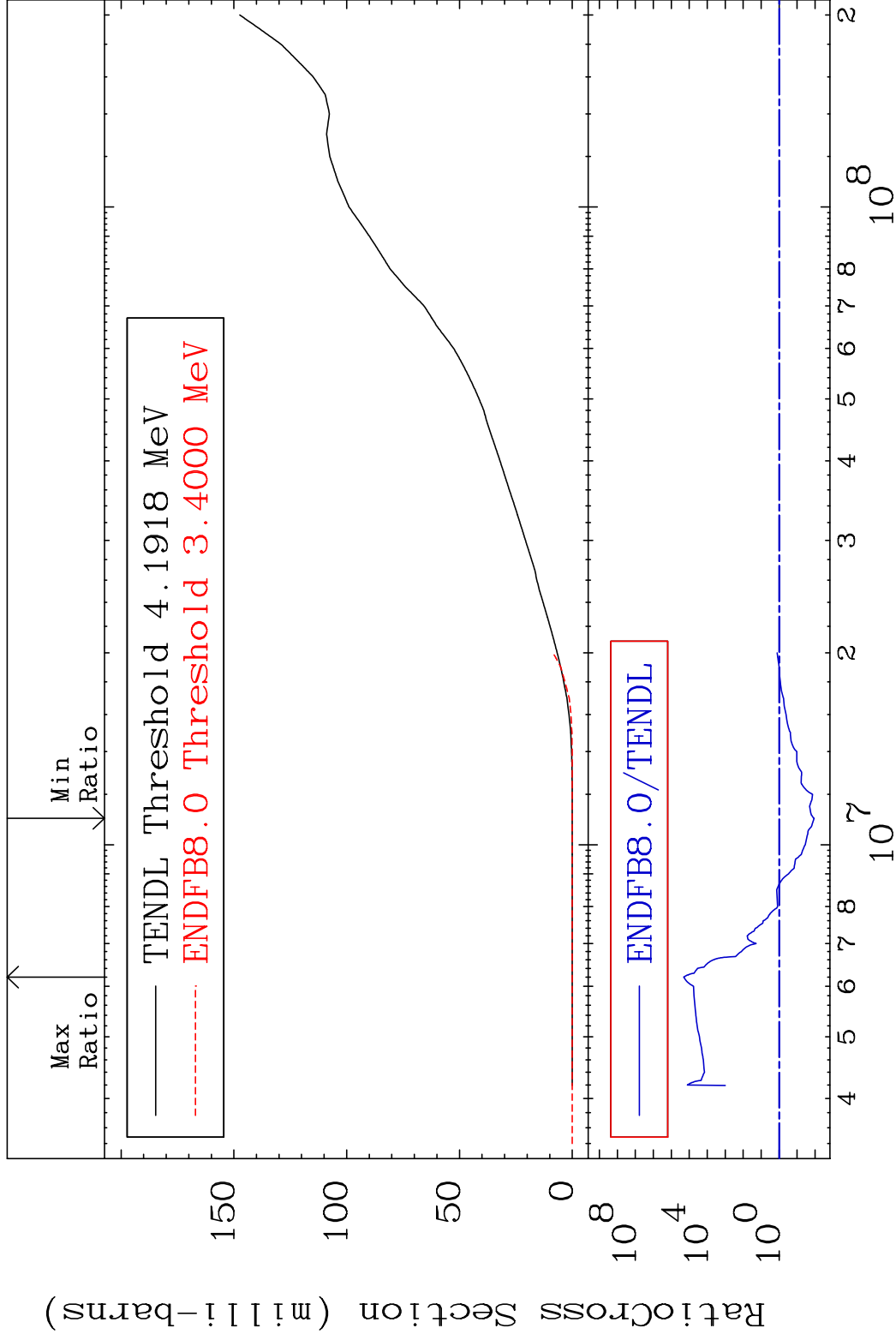


MAT 6931

Deuterium Production

69-Tm-171

Cross Section -98.87 To 9999. %

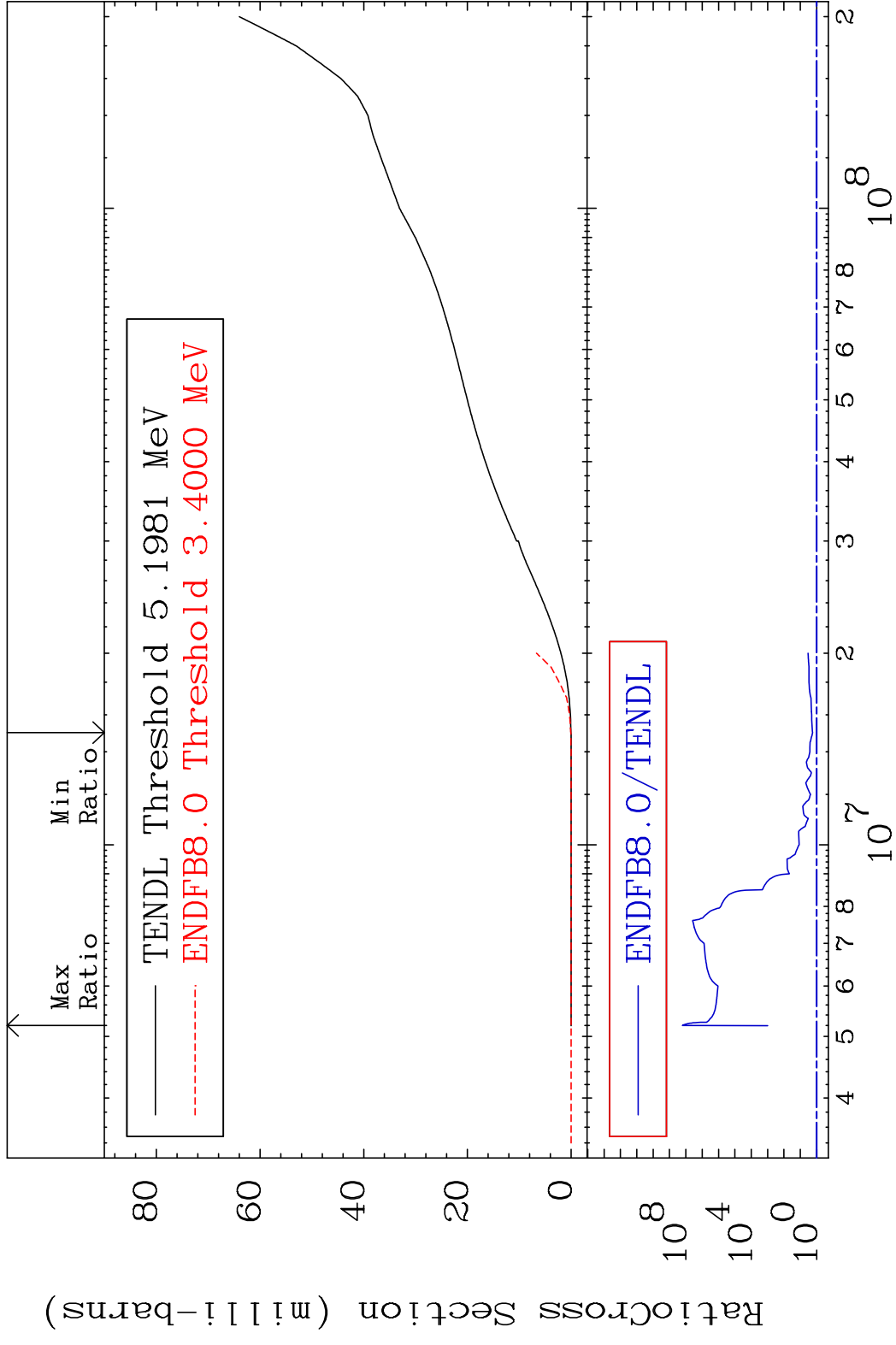


37

Incident Energy (eV)

69-Tm-171

MAT 6931 Tritium Production 69-Tm-171
 Cross Section 79.06 To 9999. %

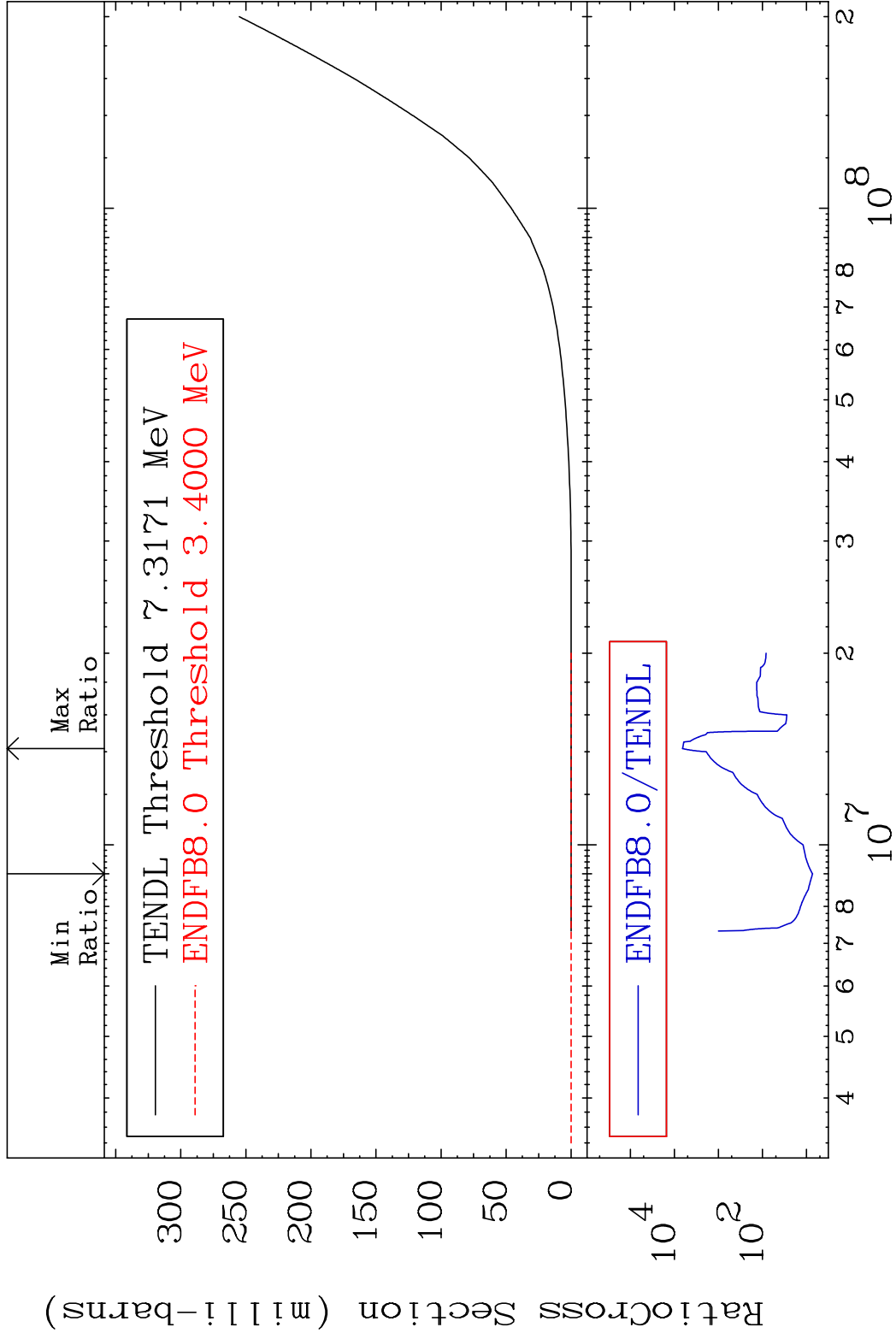


MAT 6931

He-3 Production

69-Tm-171

Cross Section 631.0 To 9999. %



39

Incident Energy (eV)

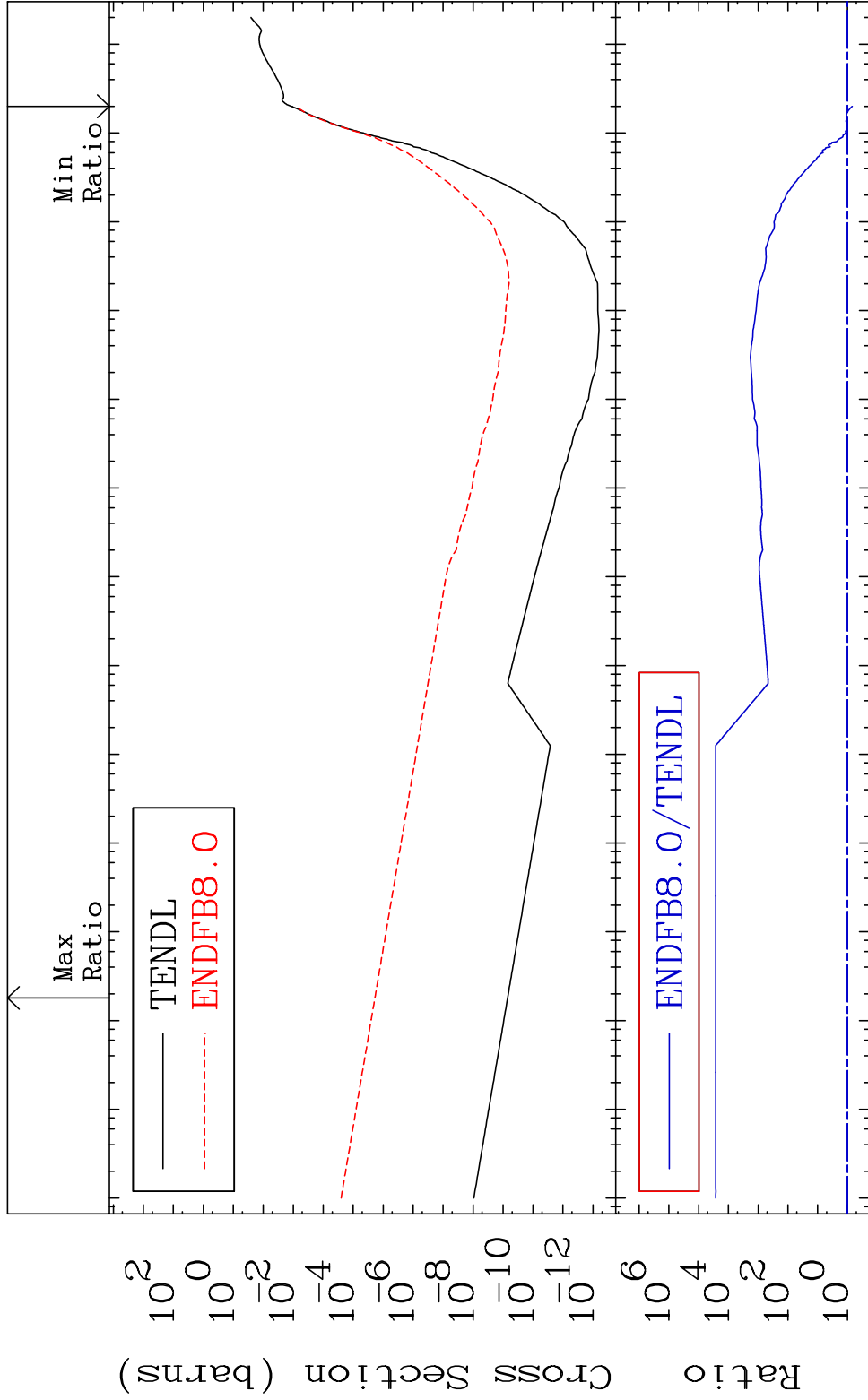
69-Tm-171

MAT 6931

He-4 Production

69-Tm-171

Cross Section -30.85 To 9999. %

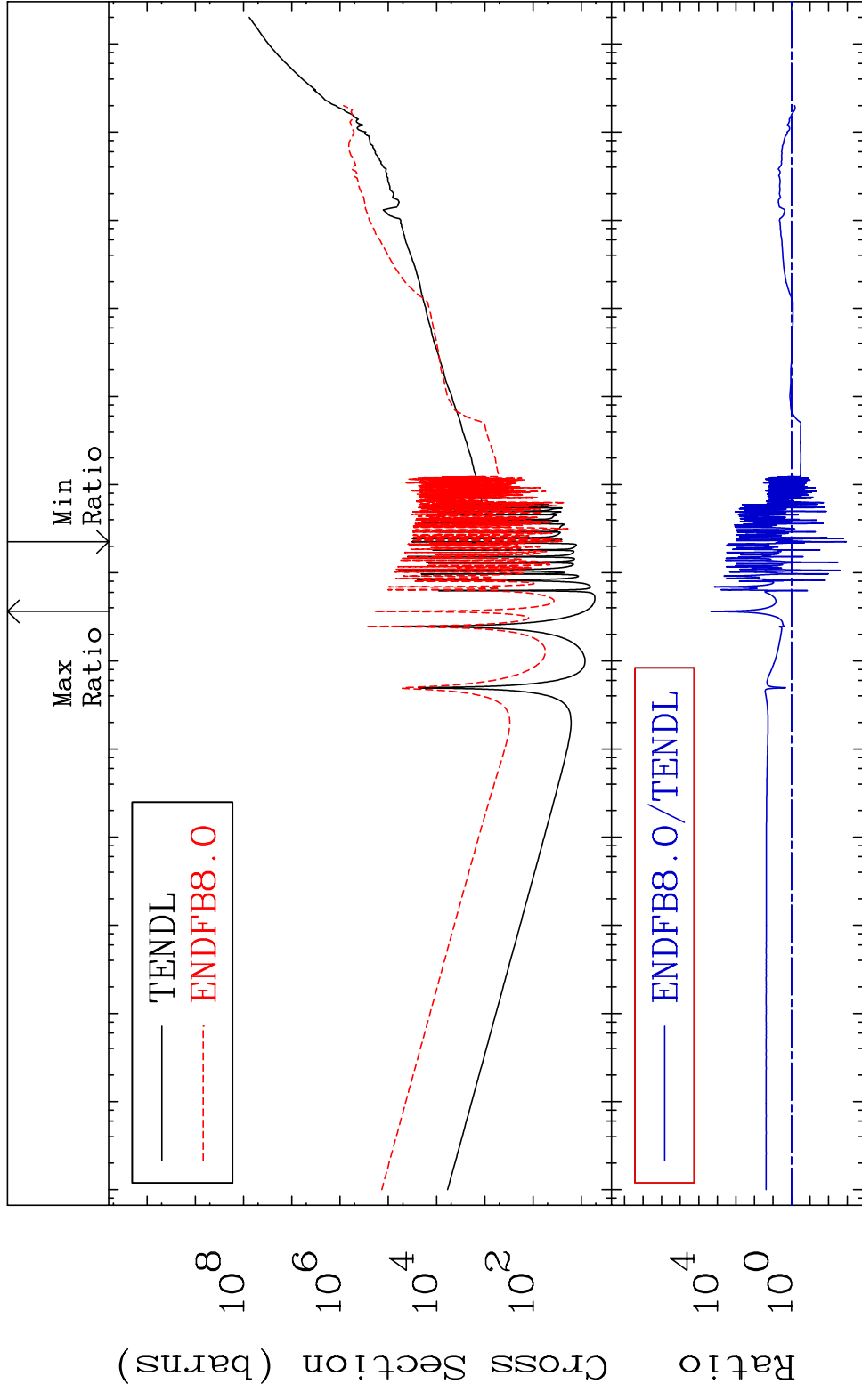


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Incident Energy (eV)

69-Tm-171

MAT 6931 Kerma total (eV-barns) 69-Tm-171
 Cross Section -99.89 To 9999. %



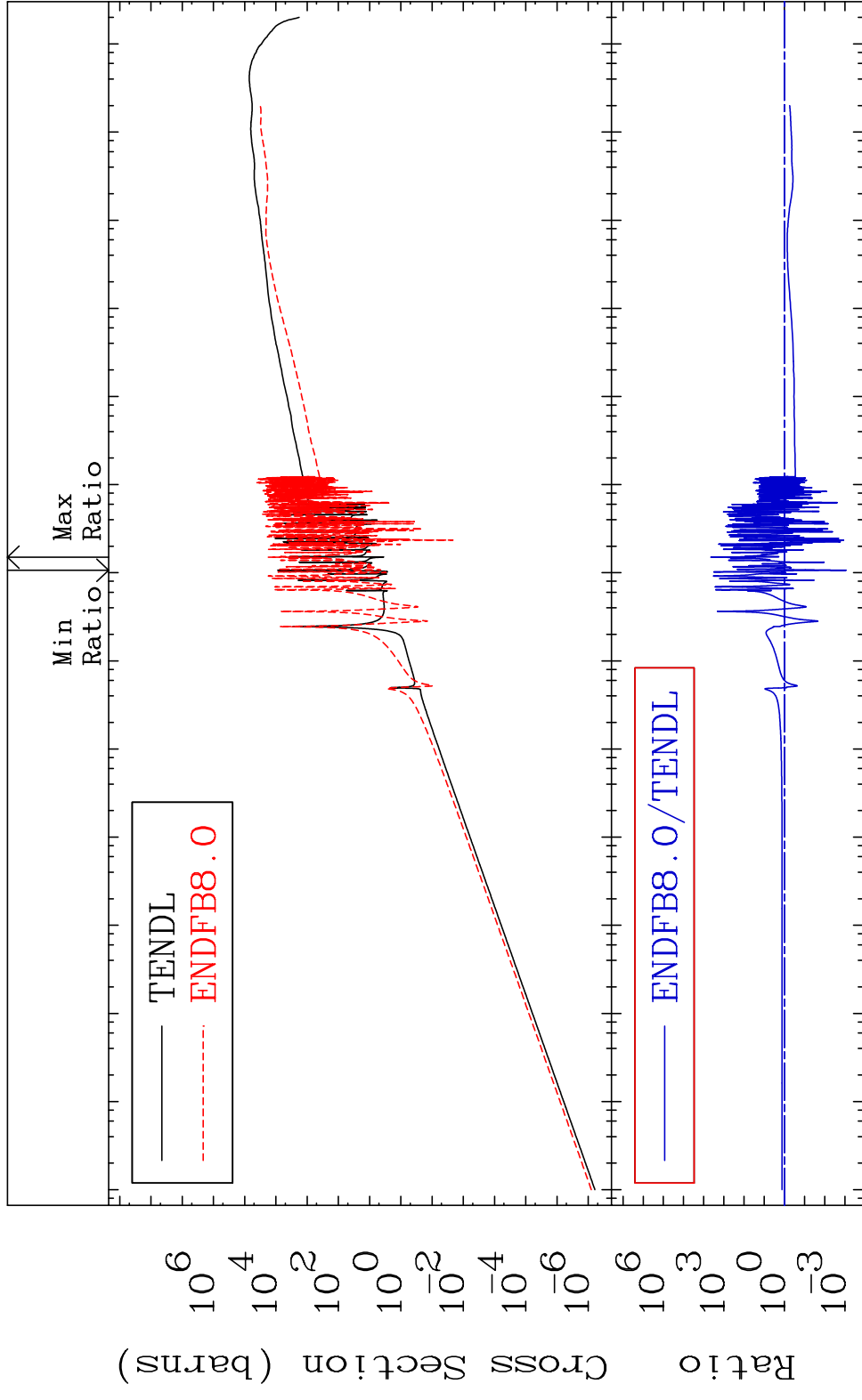
41 Incident Energy (eV) 69-Tm-171

MAT 6931

Kerma elastic

69-Tm-171

Cross Section -99.91 To 9999. %

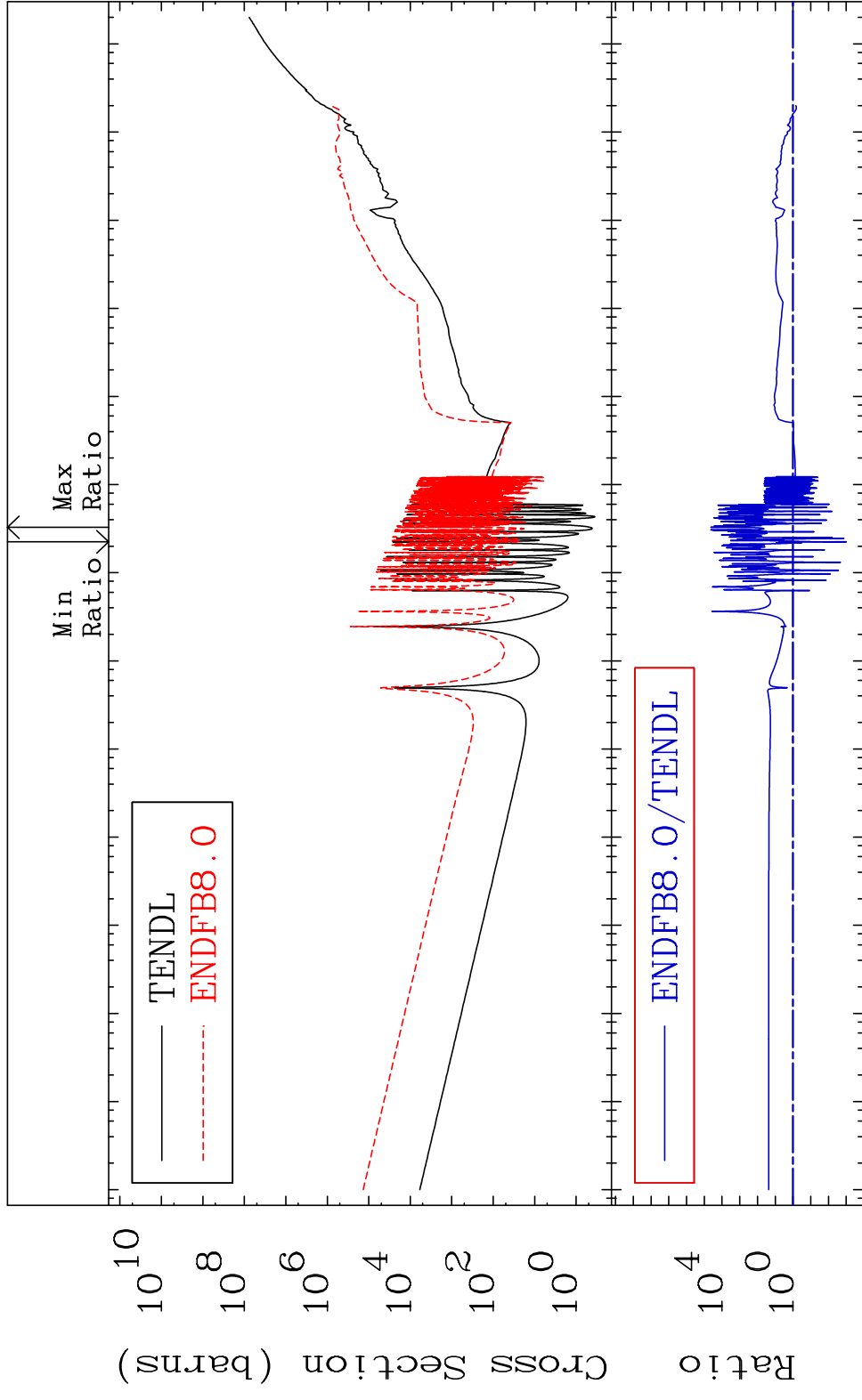


42

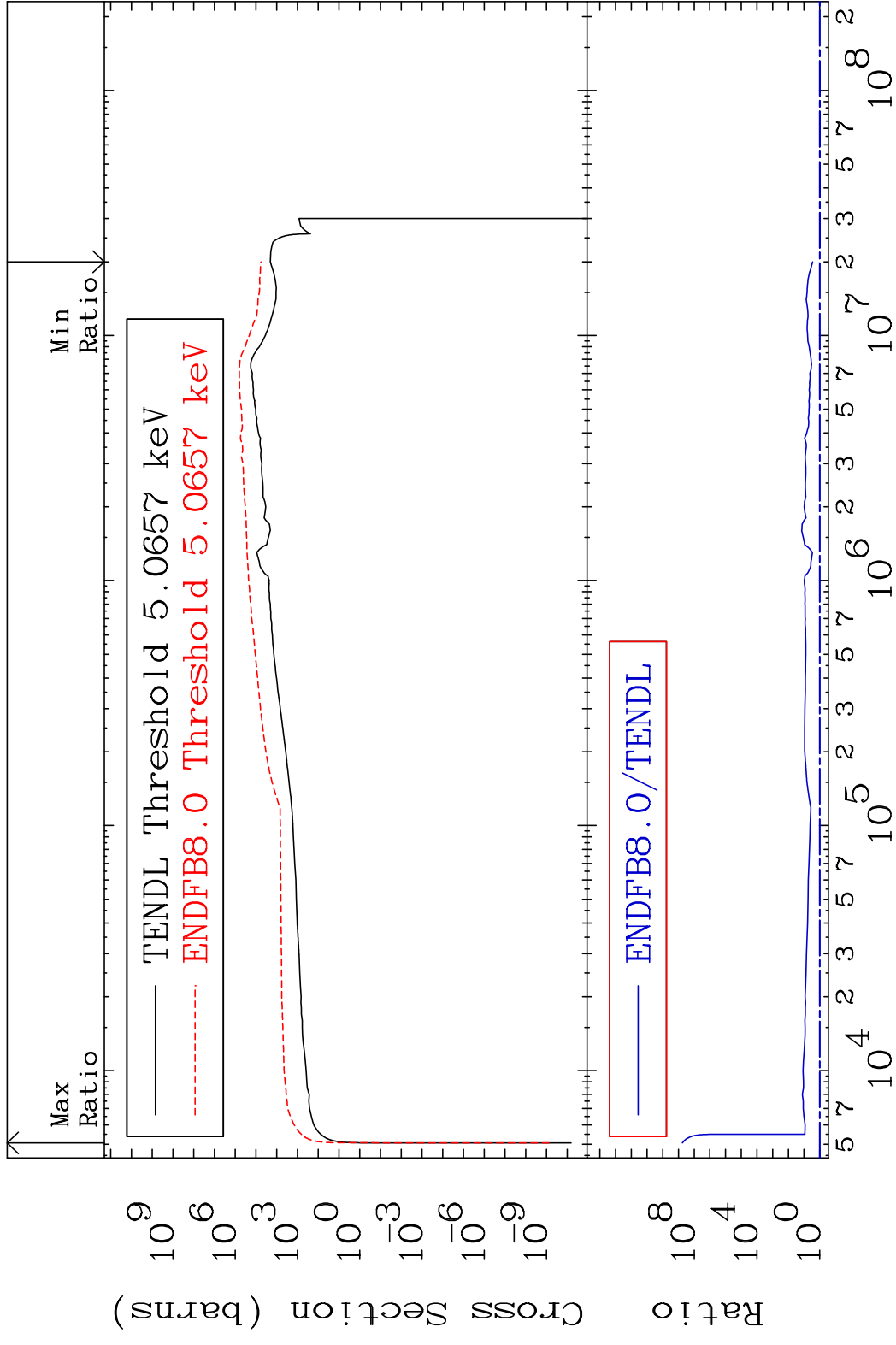
Incident Energy (eV)

69-Tm-171

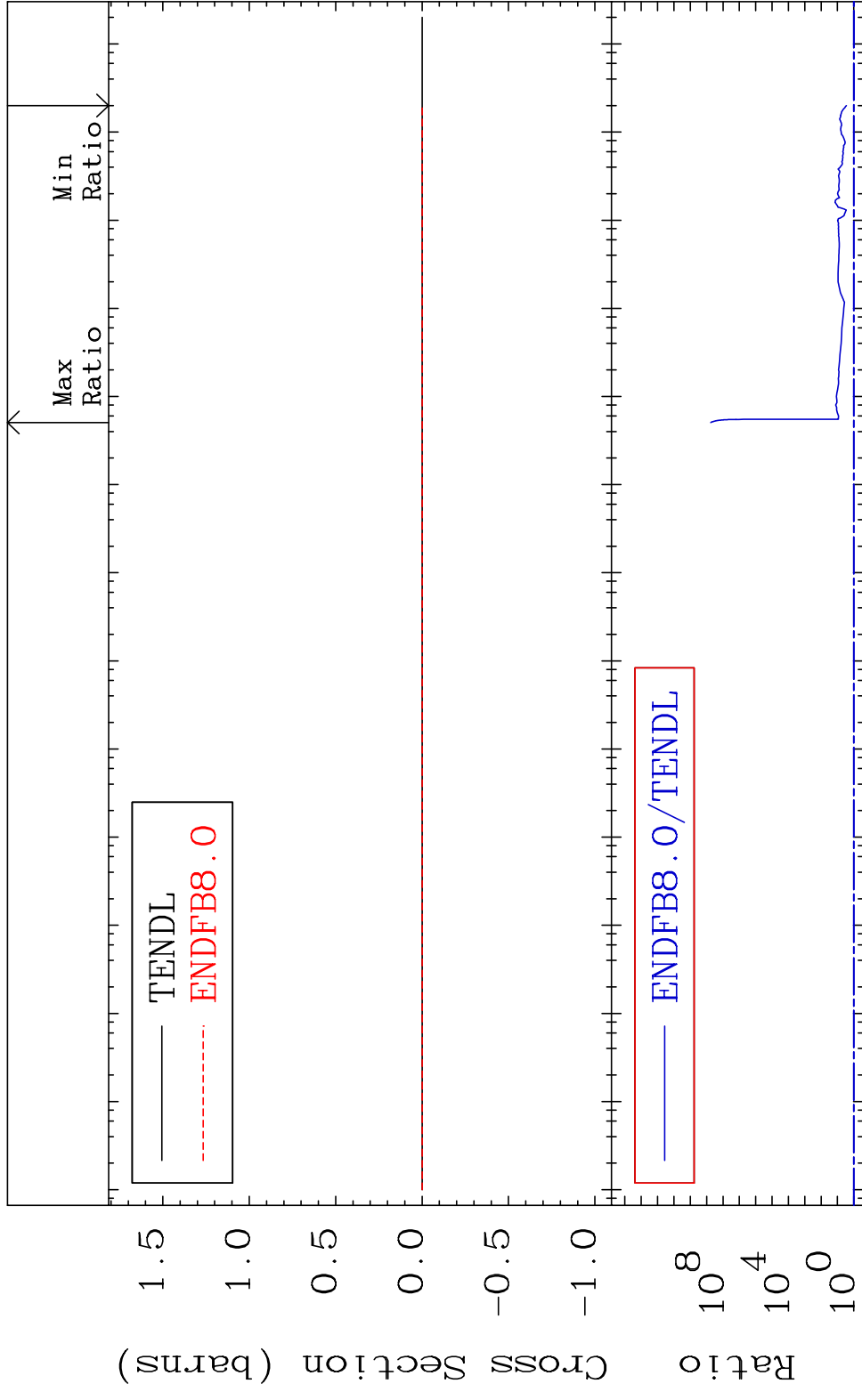
MAT 6931 Kerma non-elastic (all but mt2) 69-Tm-171
 Cross Section -99.90 To 9999. %



MAT 6931 Kerma inelastic (mt51-91) 69-Tm-171
 Cross Section 186.9 To 9999. %

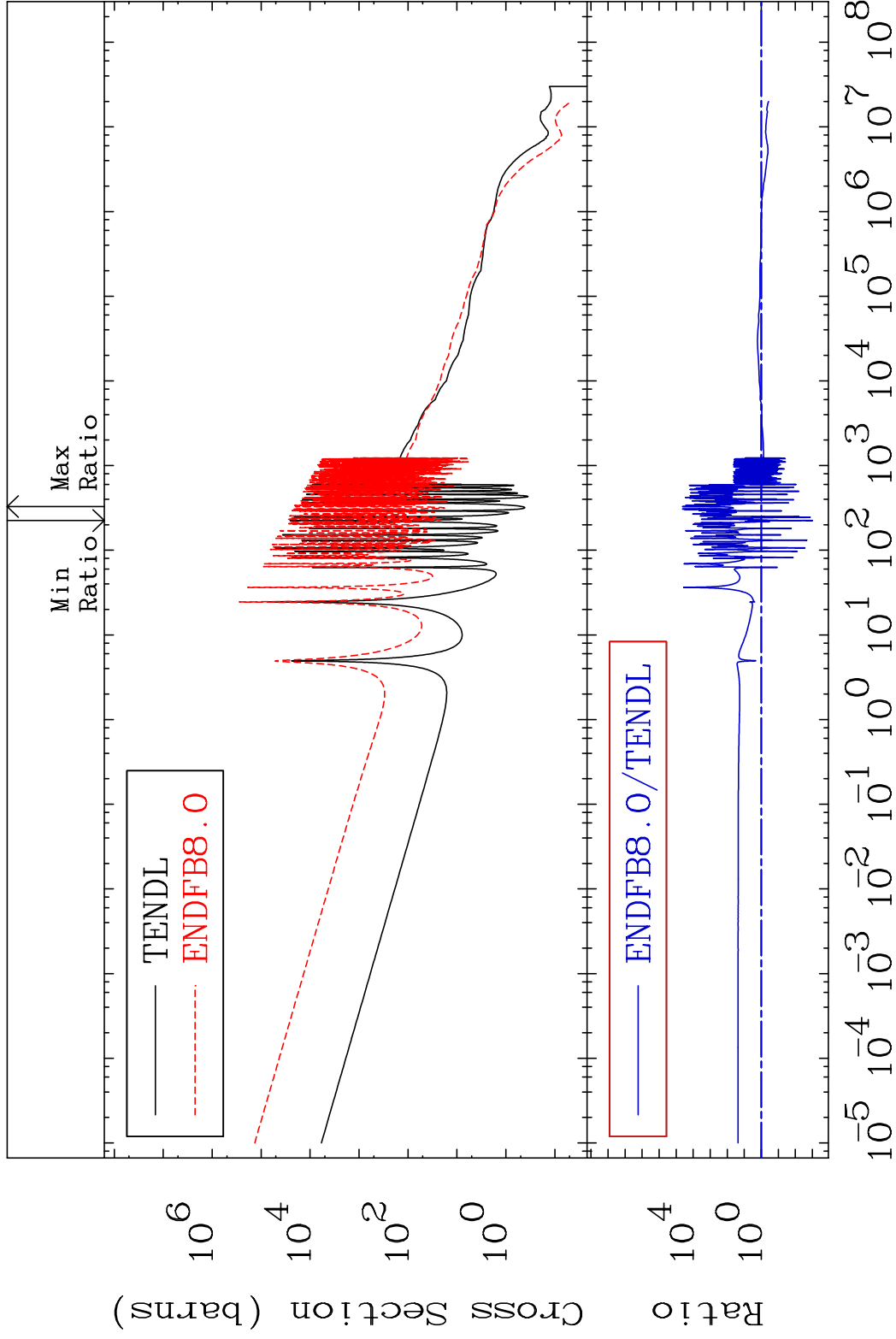


MAT 6931 Kerma fission (mt18 or mt19-20-21-38) 69-Tm-171
 Cross Section 186.9 To 9999. %



MAT 6931

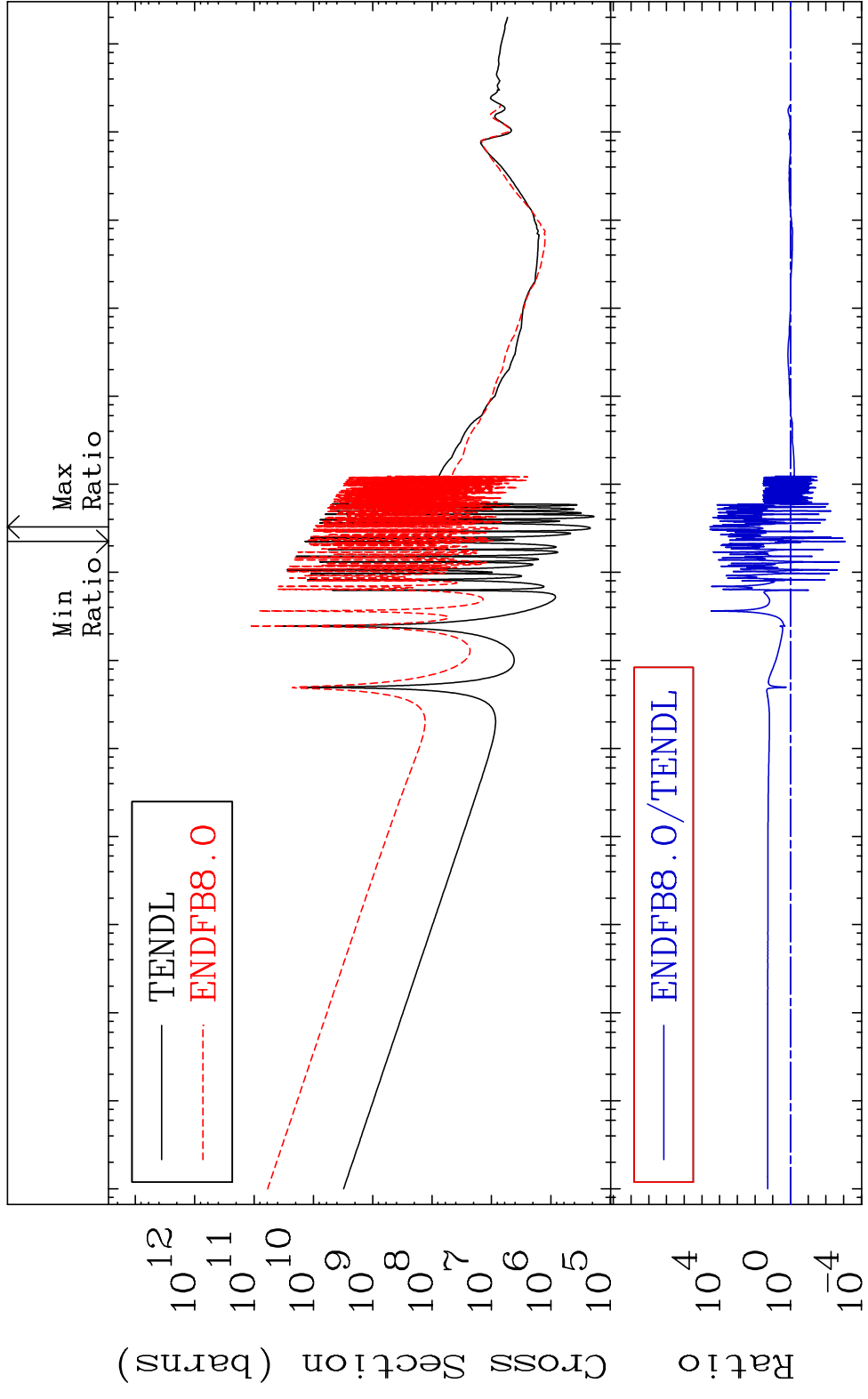
Kerma capture (mt102) 69-Tm-171
Cross Section -99.90 To 9999. %



46

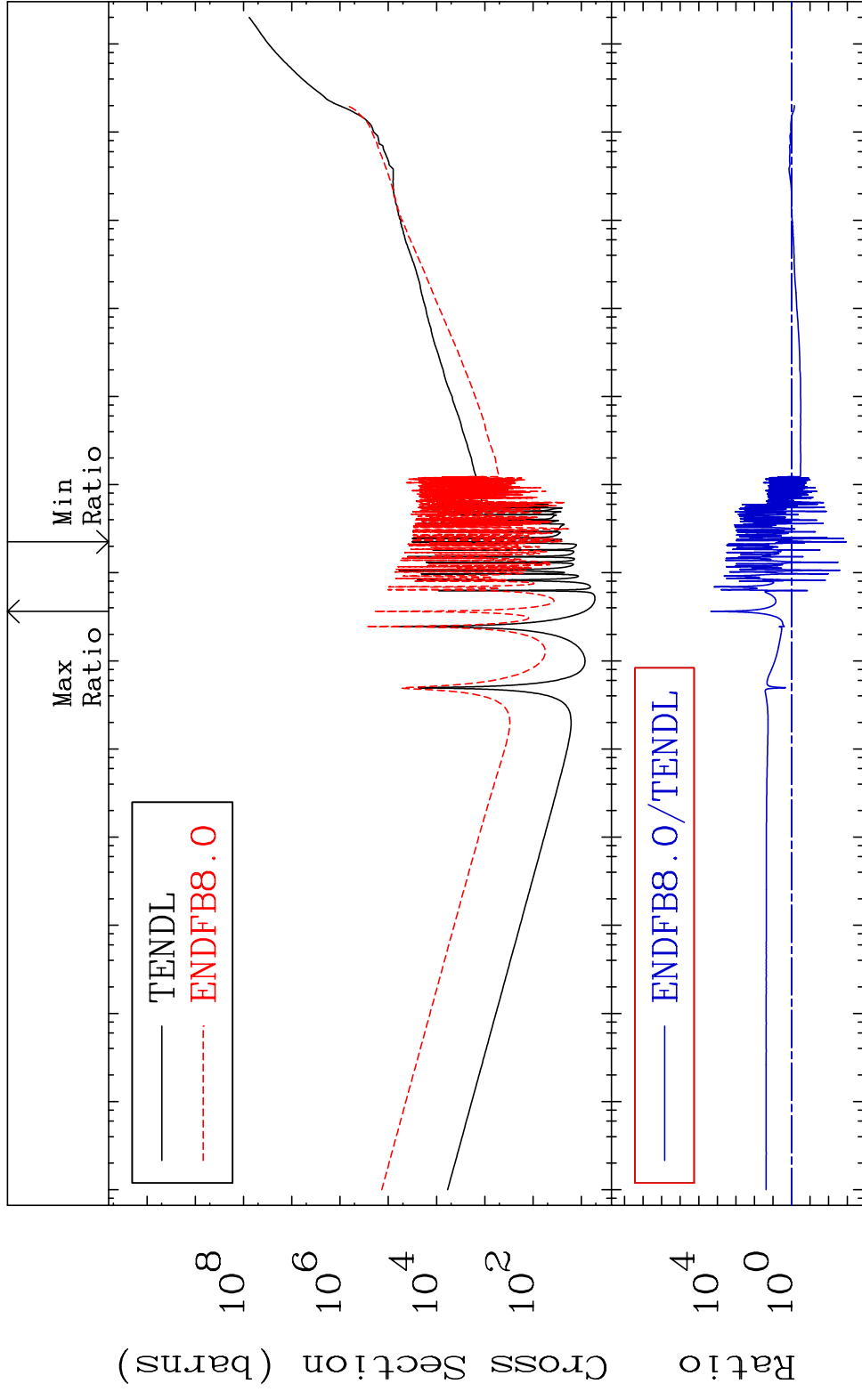
Incident Energy (eV) 69-Tm-171

MAT 6931 Total photon (eV-barns) 69-Tm-171
 Cross Section -99.92 To 9999. %

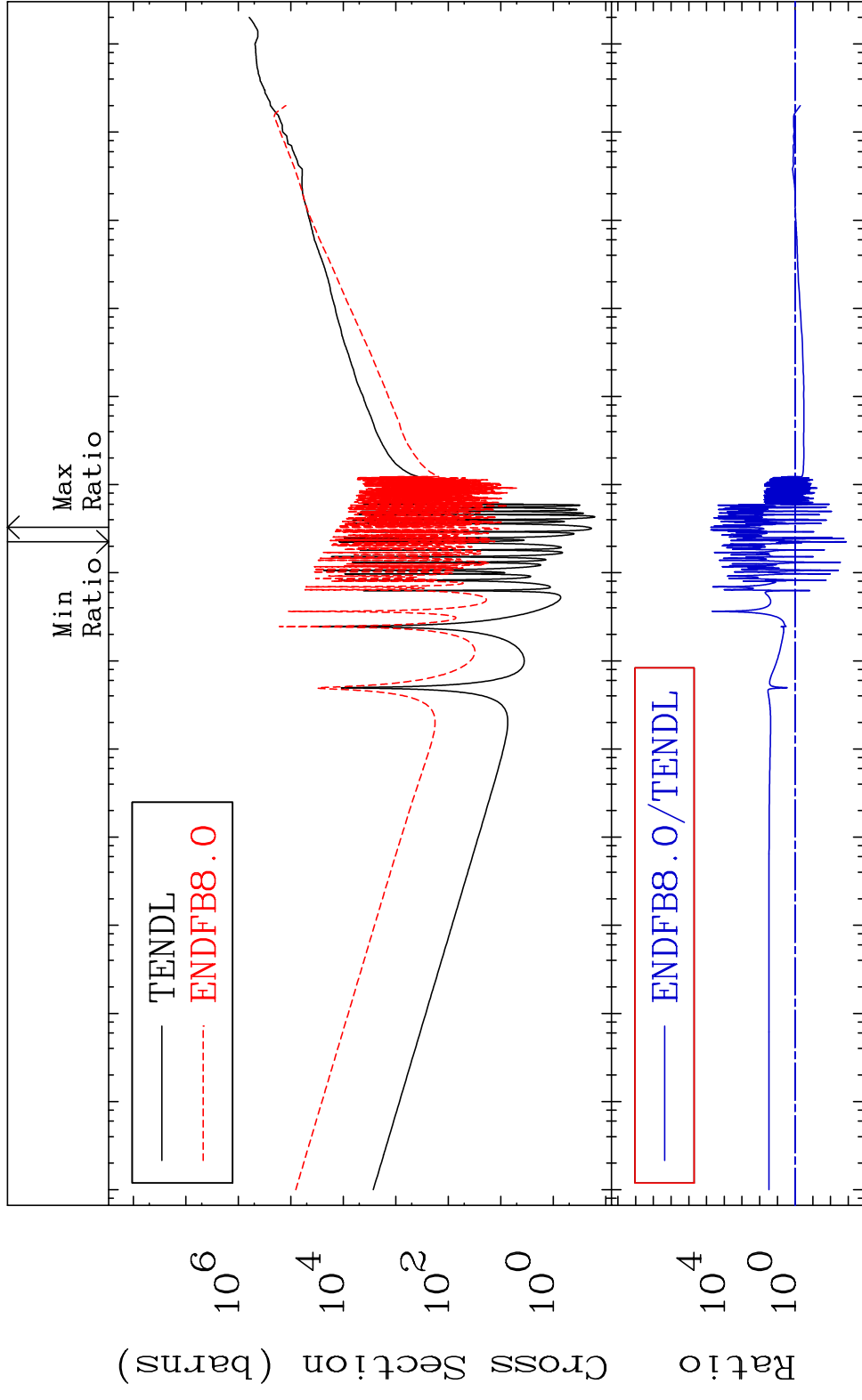


47 Incident Energy (eV) 69-Tm-171

MAT 6931 Total kinematic kerma (high limit) 69-Tm-171
 Cross Section -99.89 To 9999. %



MAT 6931 Dpa total (eV-barns) 69-Tm-171
 Cross Section -99.87 To 9999. %

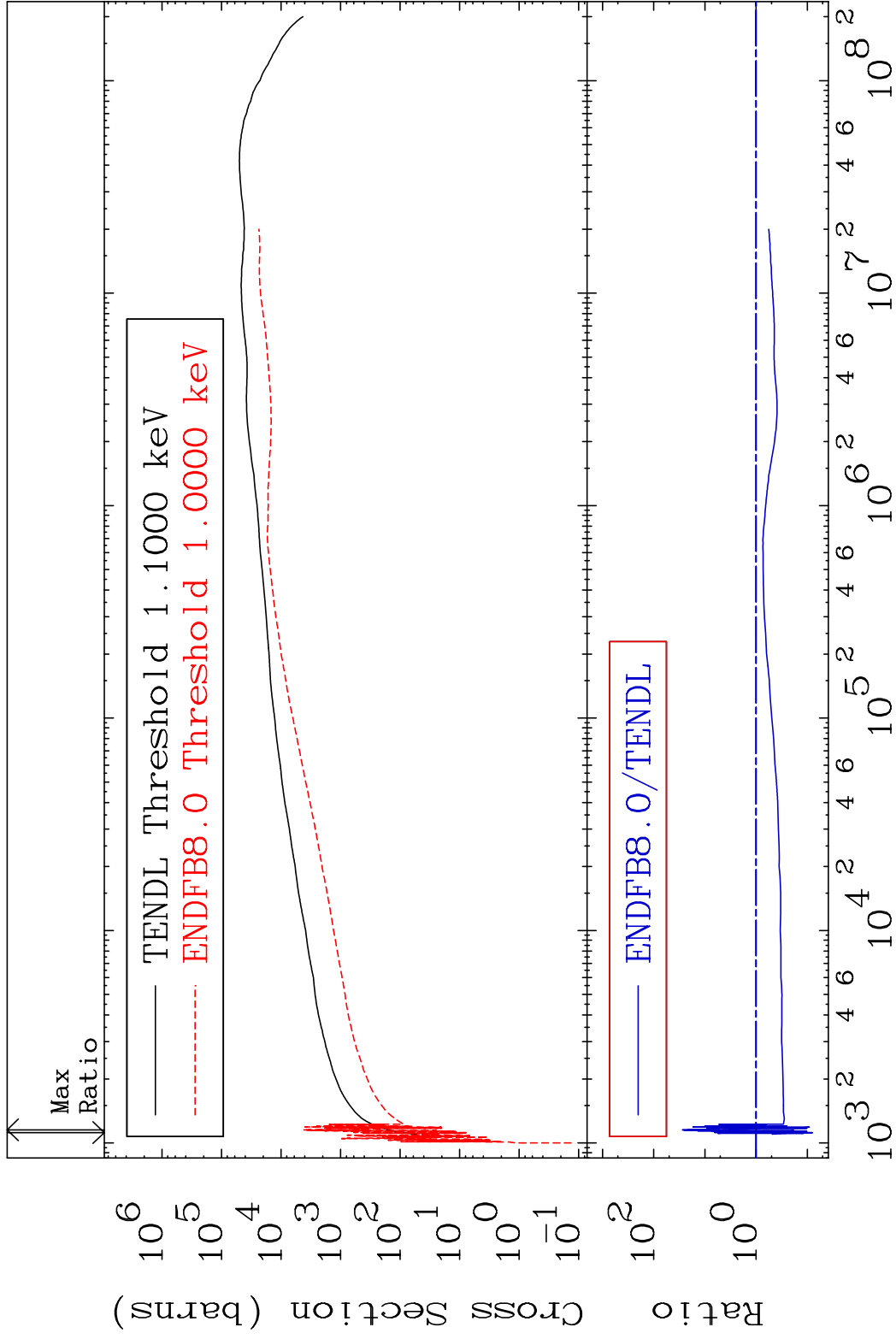


MAT 6931

Dpa elastic (mt2)

69-Tm-171

Cross Section -92.11 To 2658. %

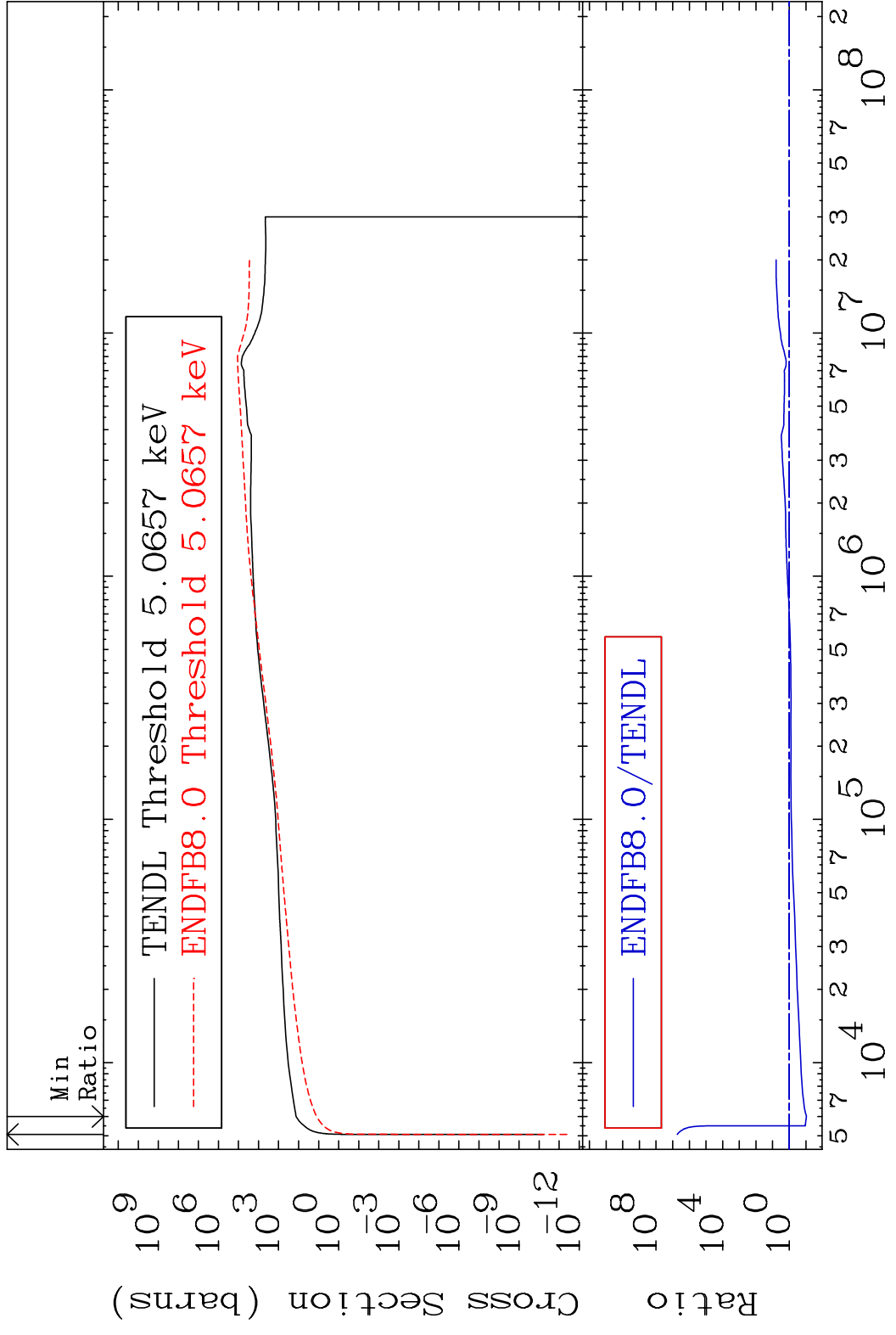


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Incident Energy (eV)

69-Tm-171

MAT 6931 Dpa inelastic (mt51-91) 69-Tm-171
 Cross Section -90.68 To 9999. %



MAT 6931 Dpa disappearance (mt102 -120) 69-Tm-171
 Cross Section -99.87 To 9999. %

