

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

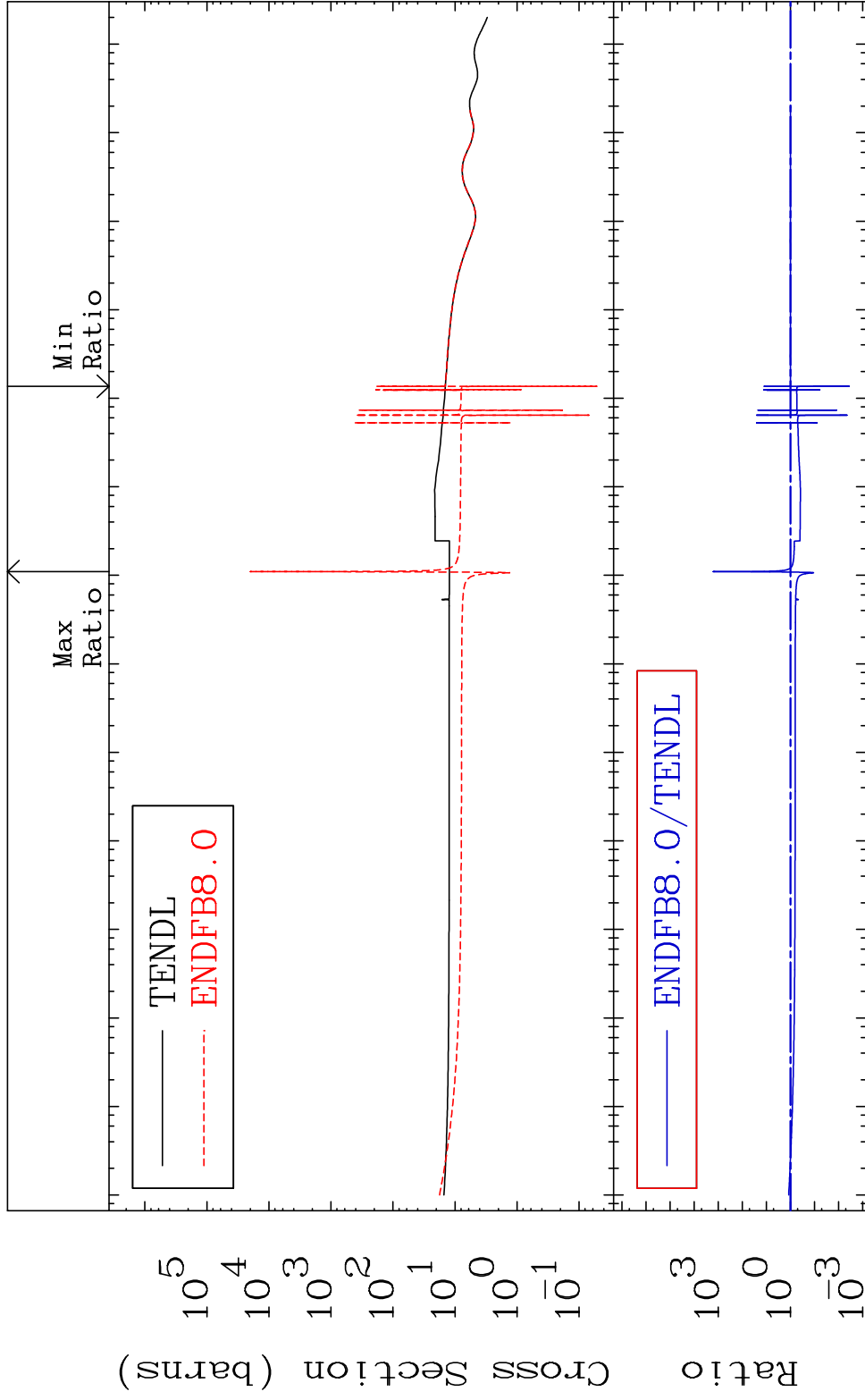
MAT 8329

Total

83-Bi-210m

Cross Section

-99.64 To 9999. %



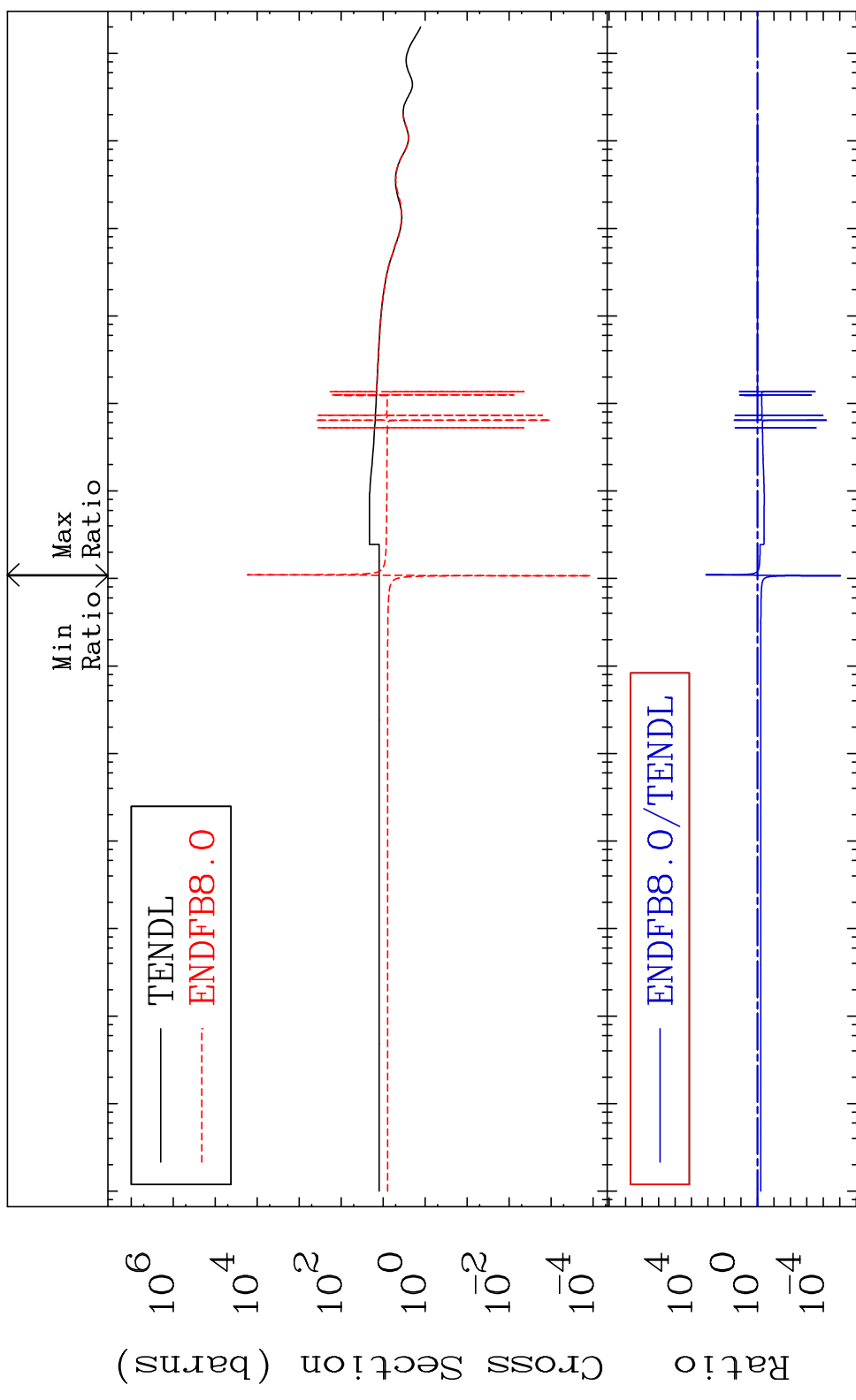
1

Incident Energy (eV)

83-Bi-210m

MAT 8329

Elastic Cross Section -100.0 To 9999. %
83-Bi-210m



2 Incident Energy (eV) 83-Bi-210m

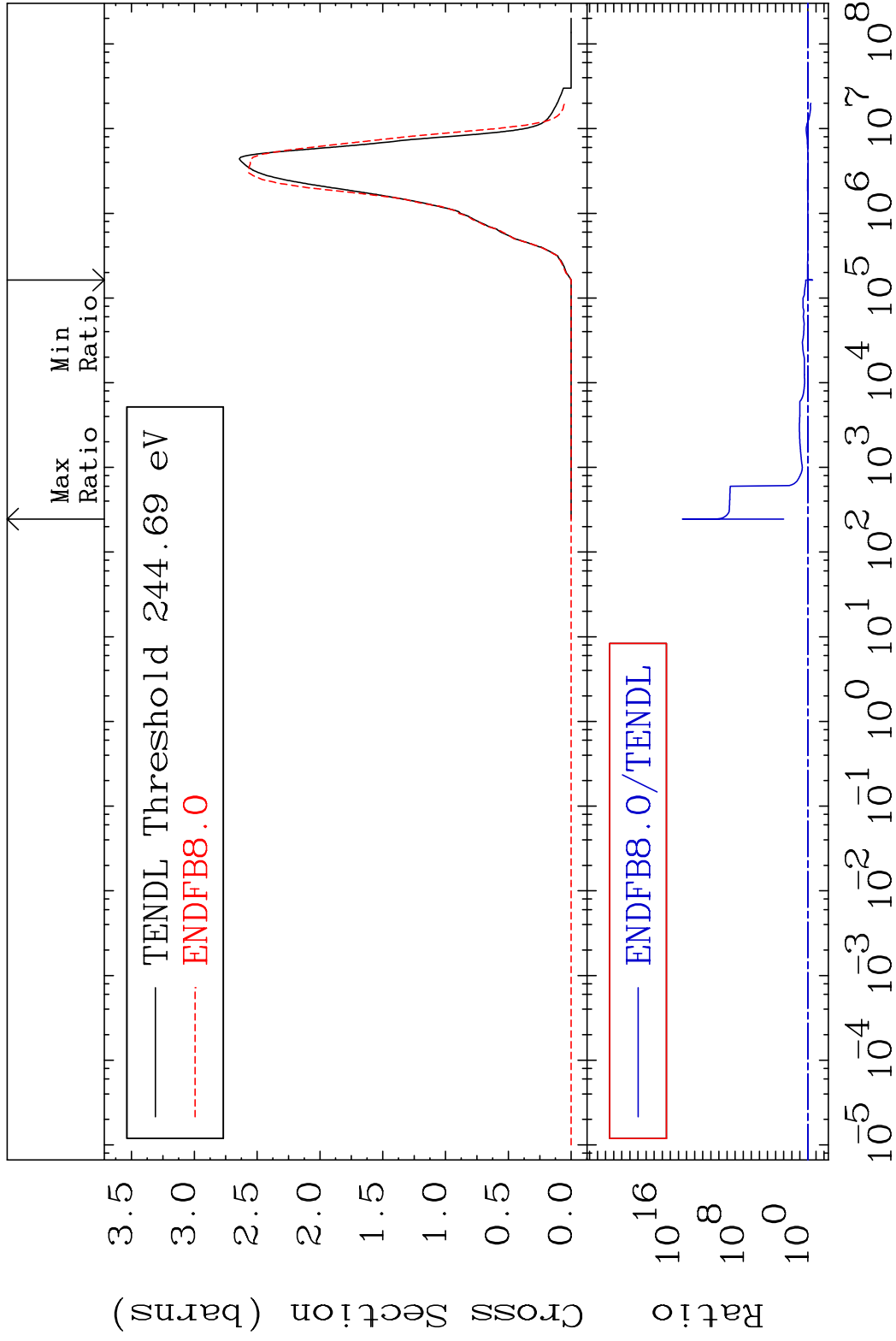
MAT 8329

Inelastic

83-Bi-210m

Cross Section

-73.24 To 9999. %

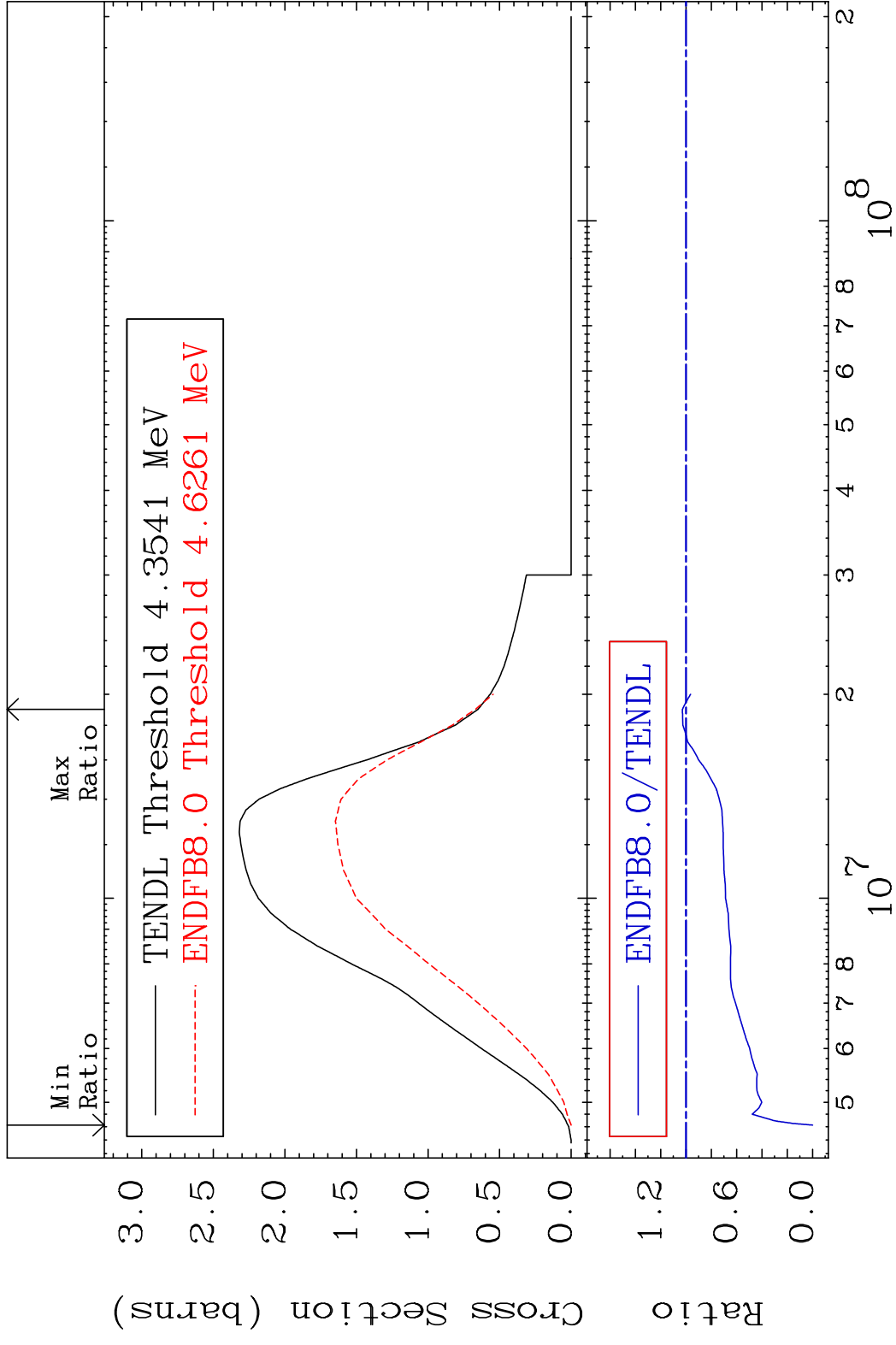


3

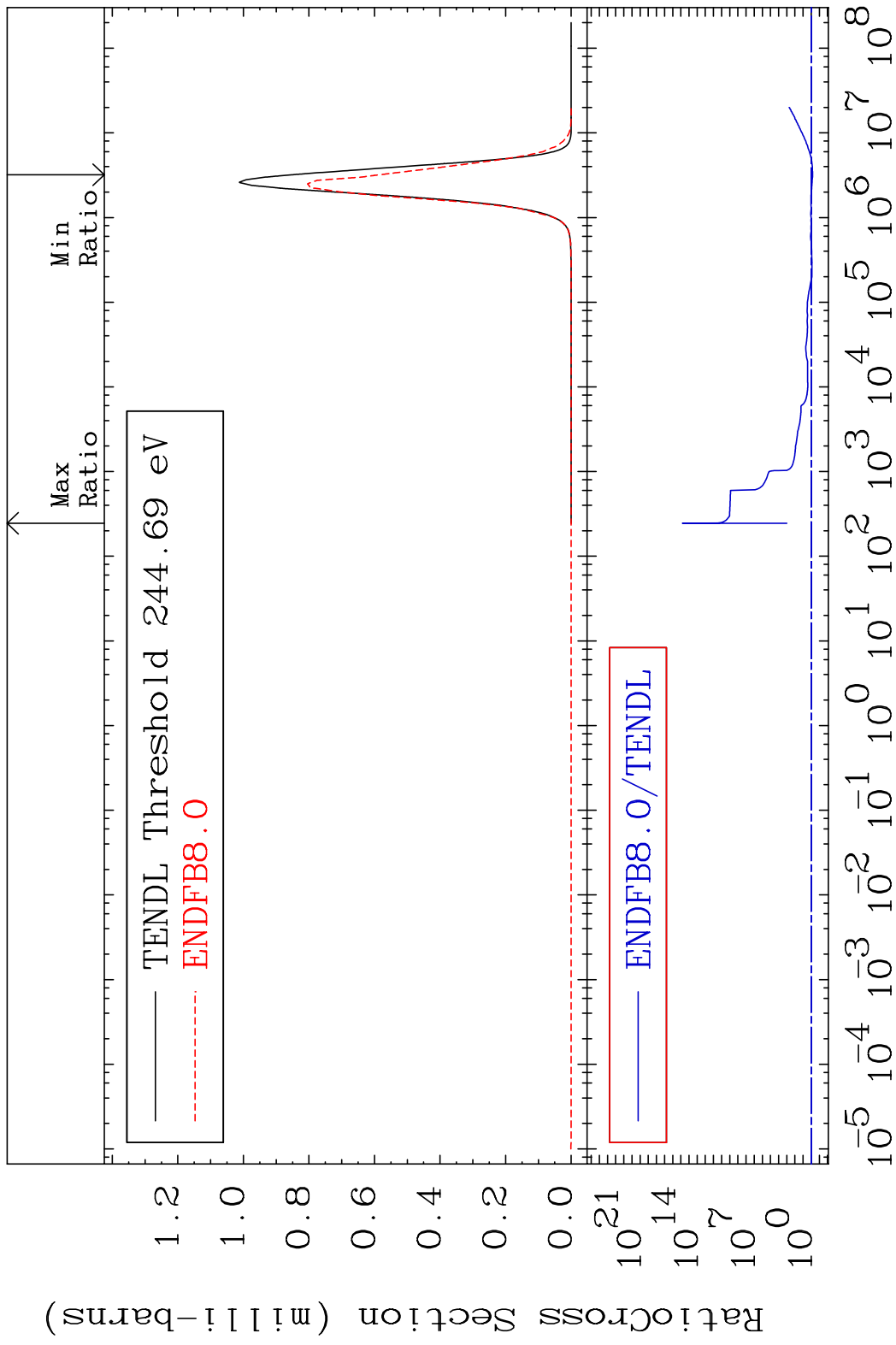
Incident Energy (eV)

83-Bi-210m

MAT 8329 (n,2n) 83-Bi-210m
 Cross Section -100.0 To 2.878 %

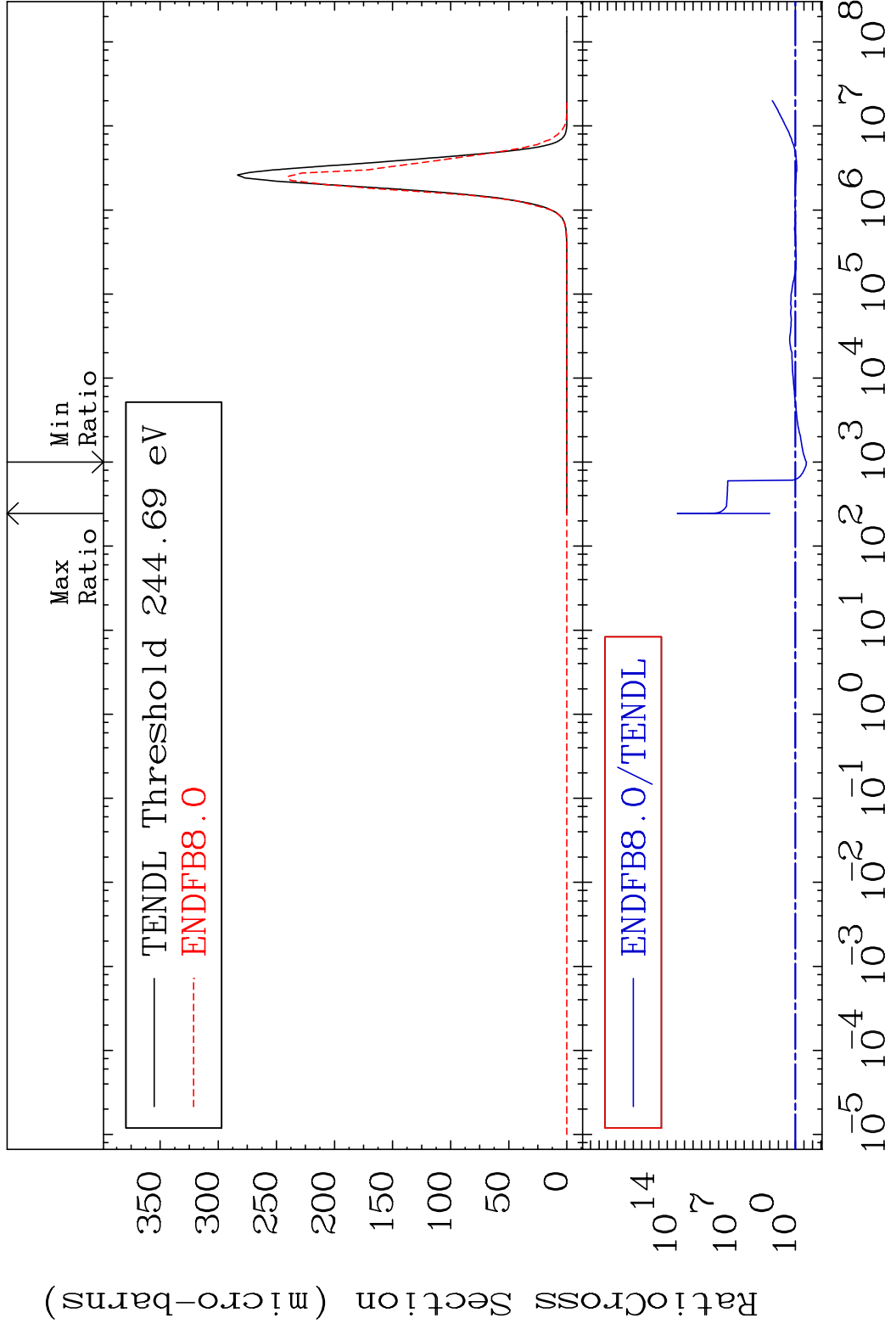


MAT 8329 MT= 51 (n, n') Level 83-Bi-210m
 Cross Section -31.40 To 9999. %

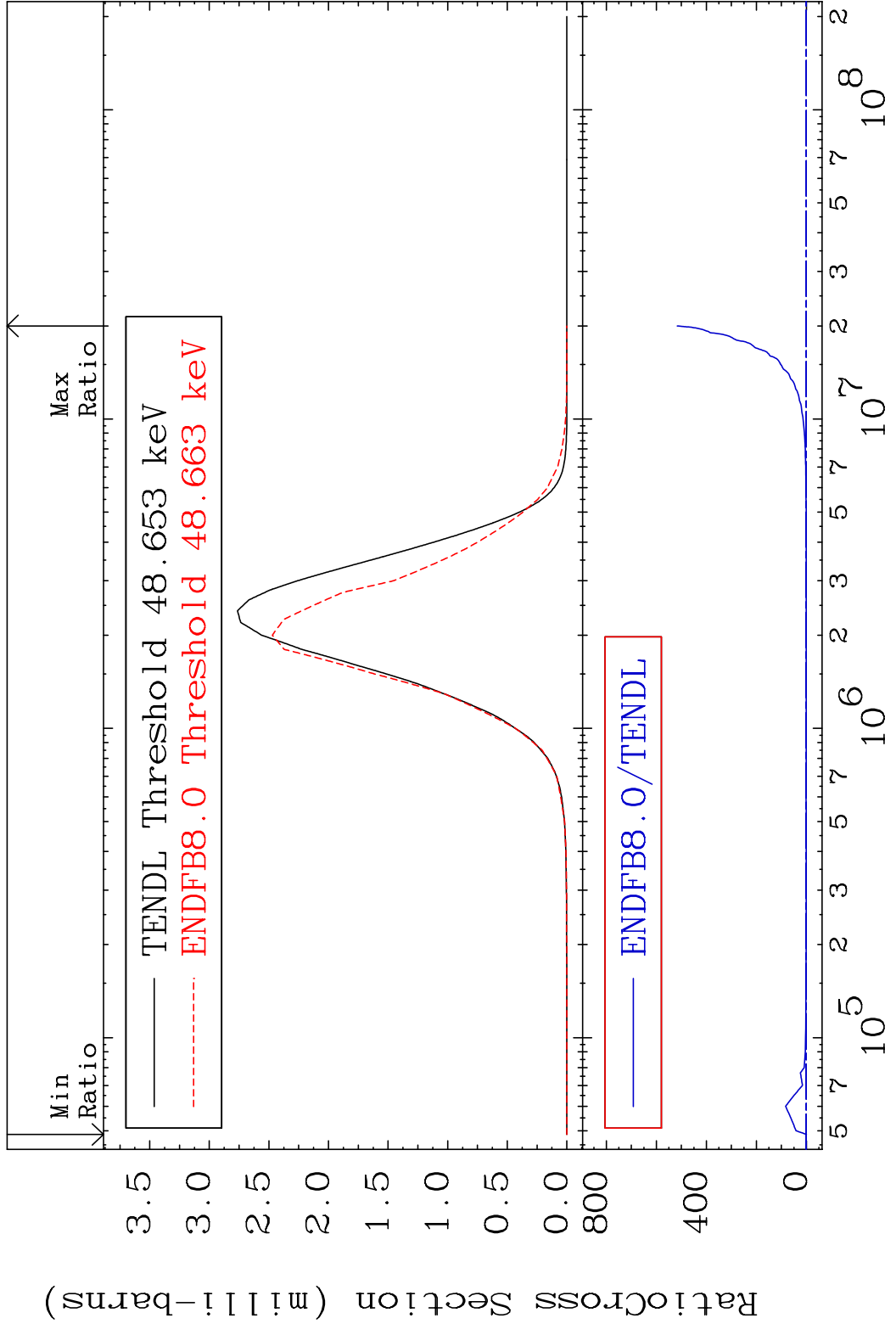


5 Incident Energy (eV) 83-Bi-210m

MAT 8329 MT= 52 (n, n') Level 83-Bi-210m
 Cross Section -94.83 To 9999. %

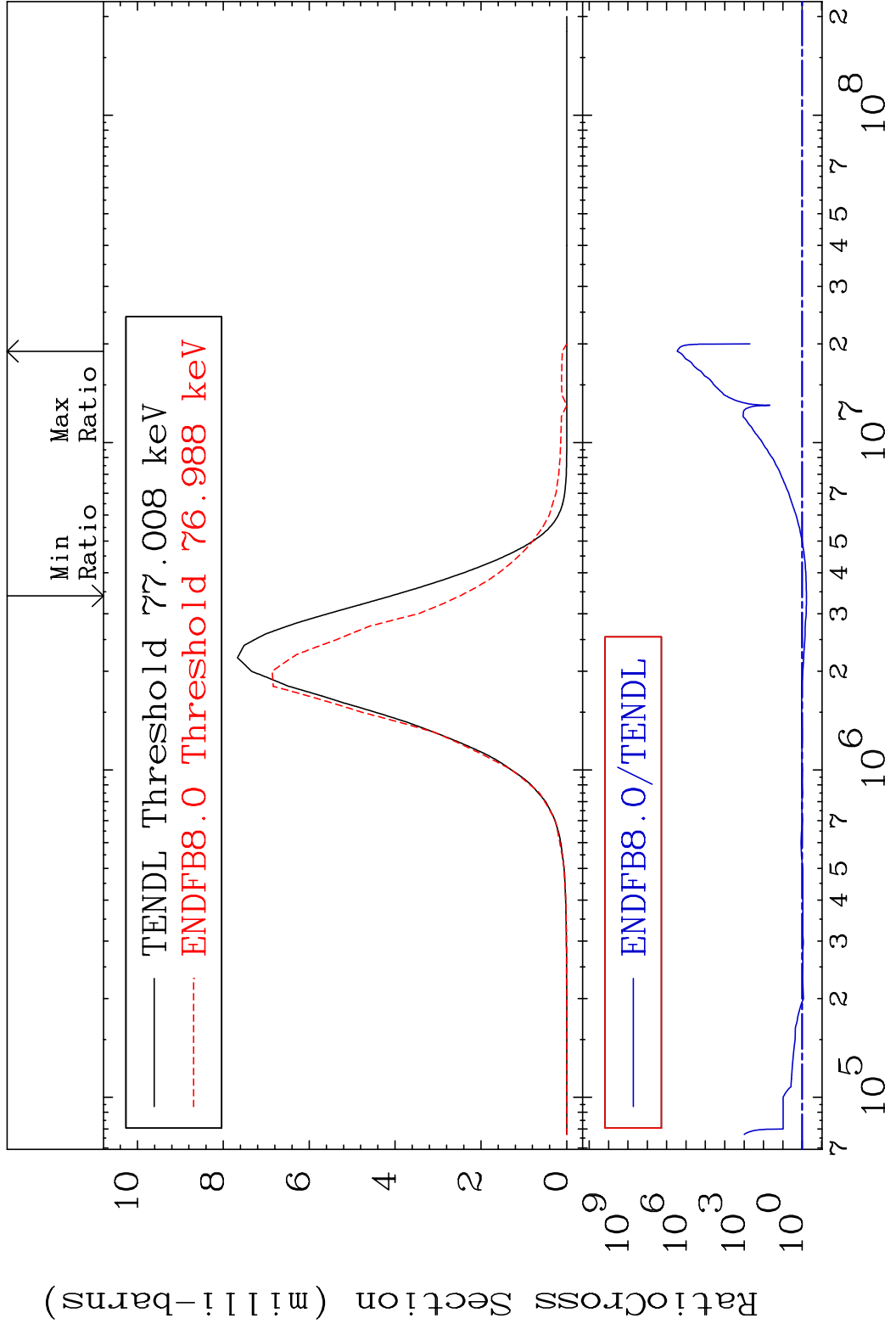


MAT 8329 MT= 53 (n, n') Level 83-Bi-210m
 Cross Section -100.0 To 9999. %



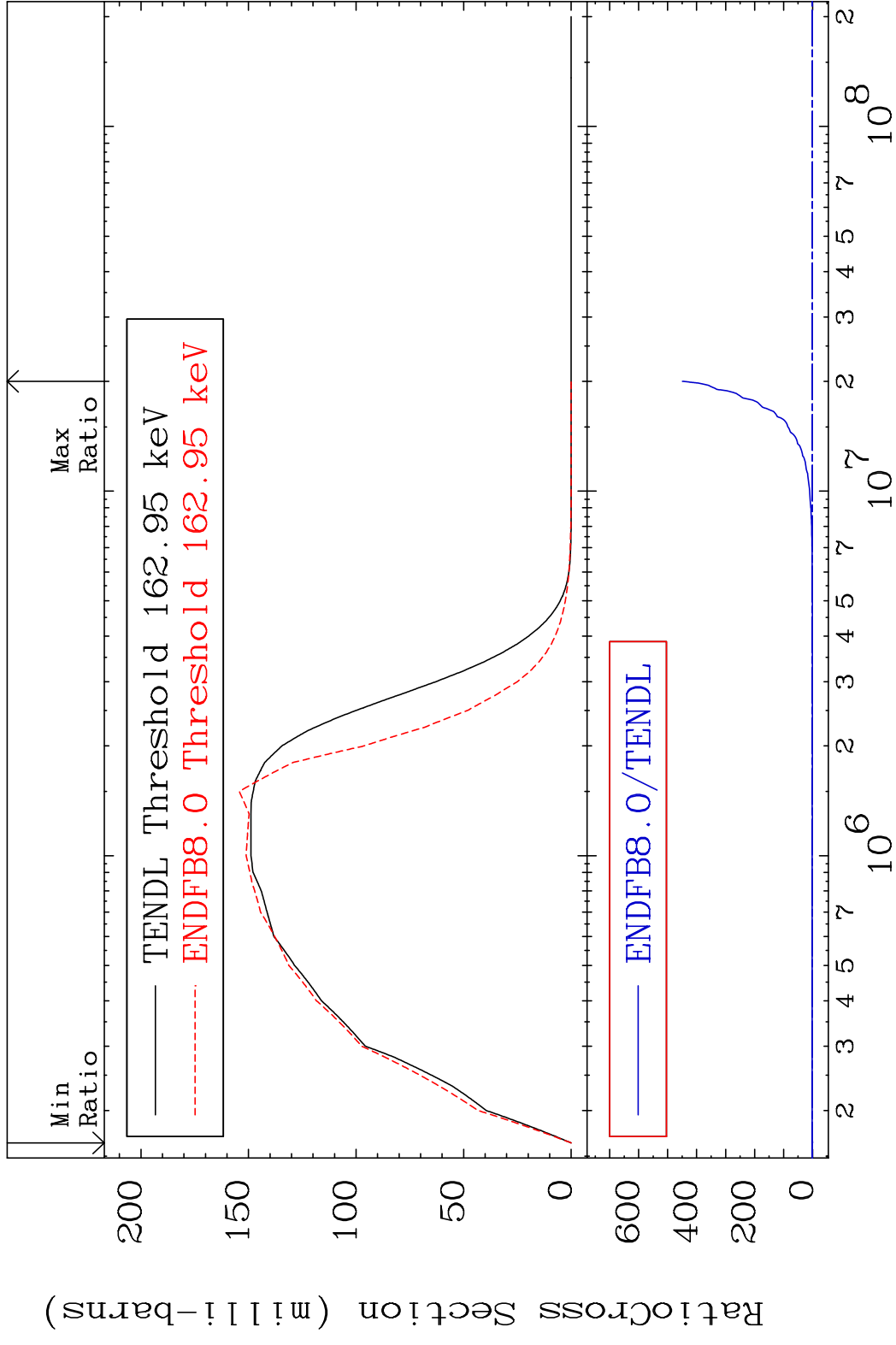
7 7 Incident Energy (eV) 83-Bi-210m

MAT 8329 MT= 54 (n, n') Level 83-Bi-210m
 Cross Section -39.12 To 9999. %

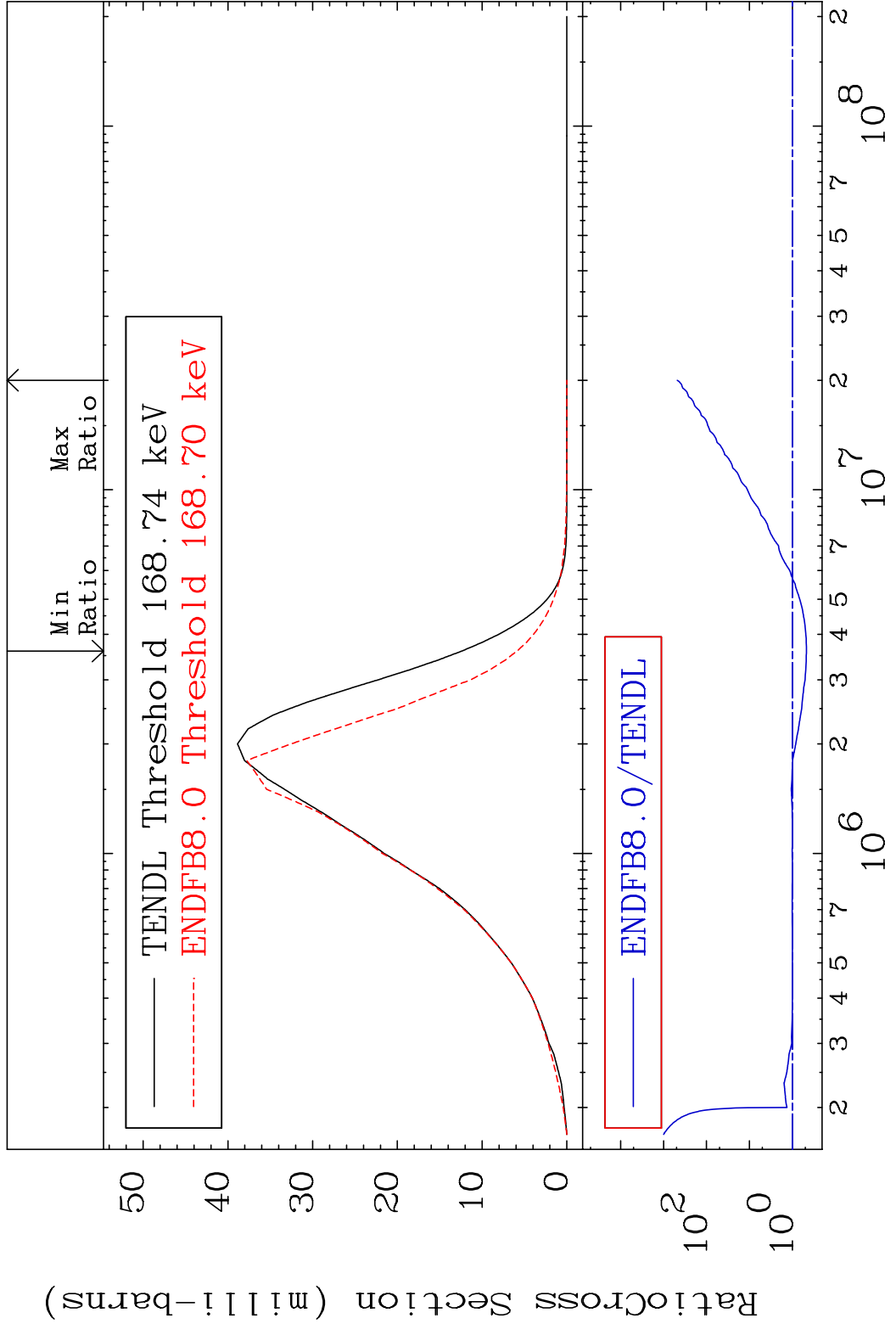


8 8 83-Bi-210m

MAT 8329 MT= 55 (n,n') Level 83-Bi-210m
 Cross Section -100.0 To 9999. %

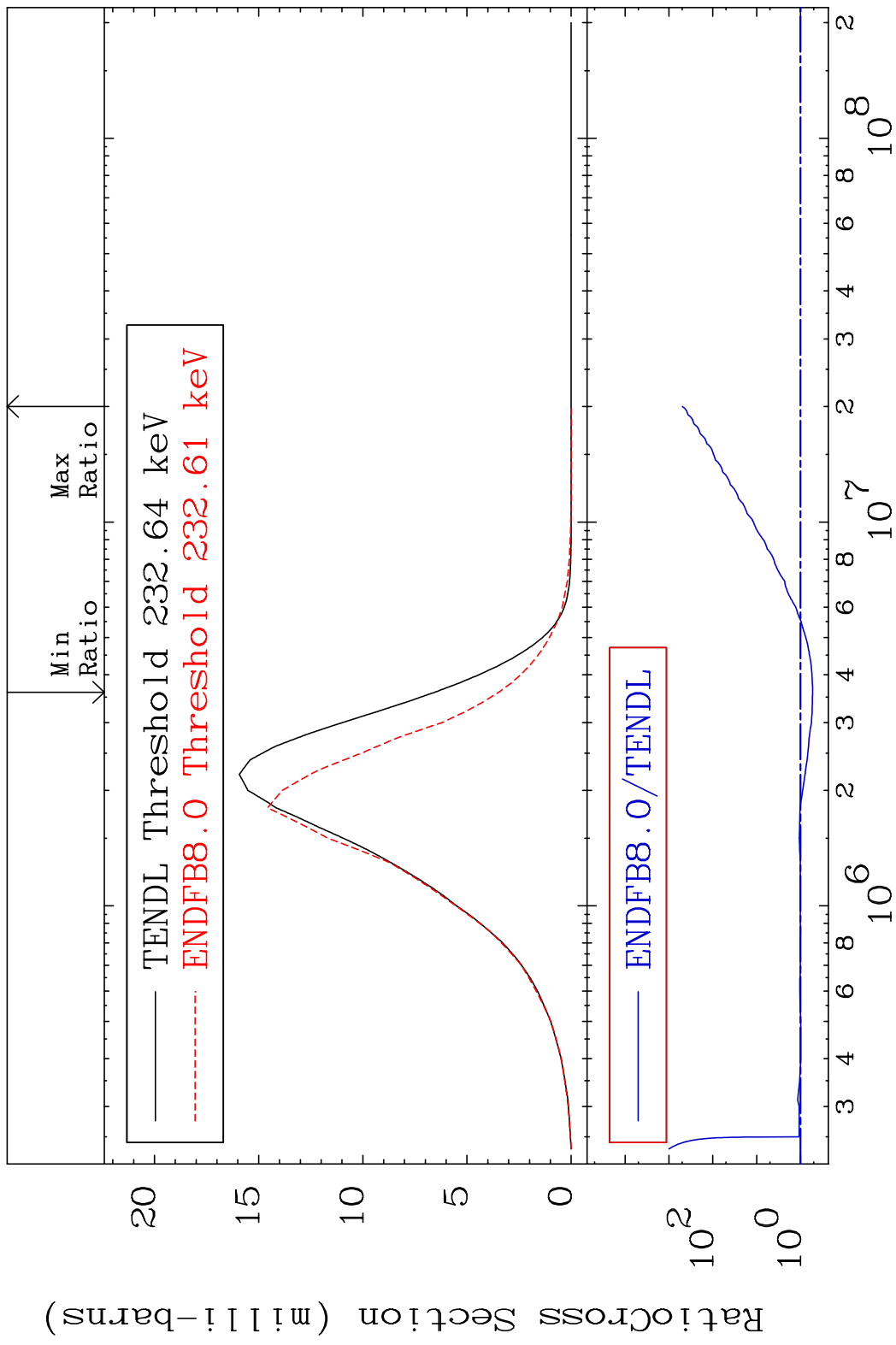


MAT 8329 MT= 56 (n, n') Level 83-Bi-210m
 Cross Section -52.61 To 9999. %

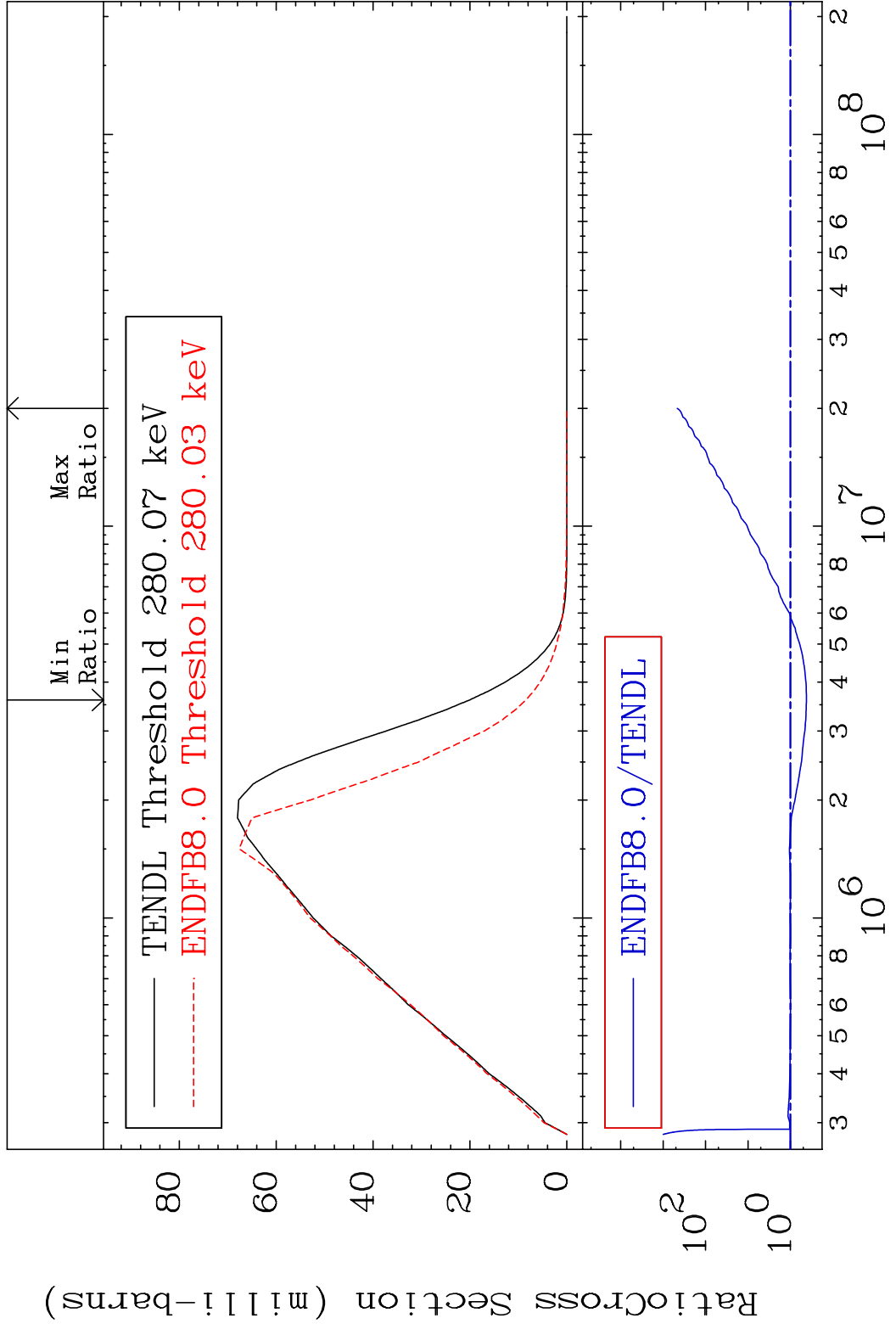


10 Incident Energy (eV) 83-Bi-210m

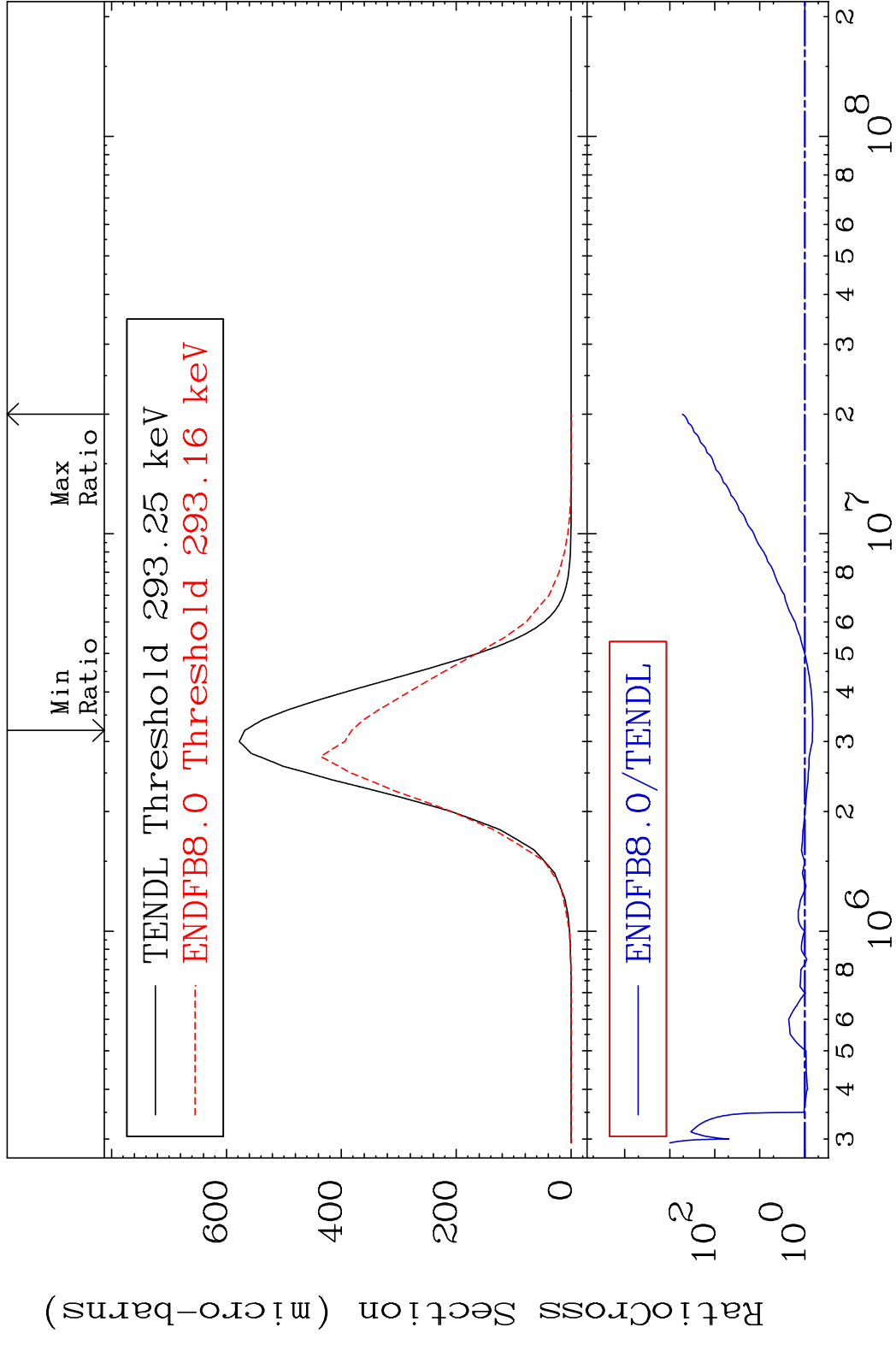
MAT 8329 MT= 57 (n, n') Level 83-Bi-210m
 Cross Section -46.87 To 9999. %



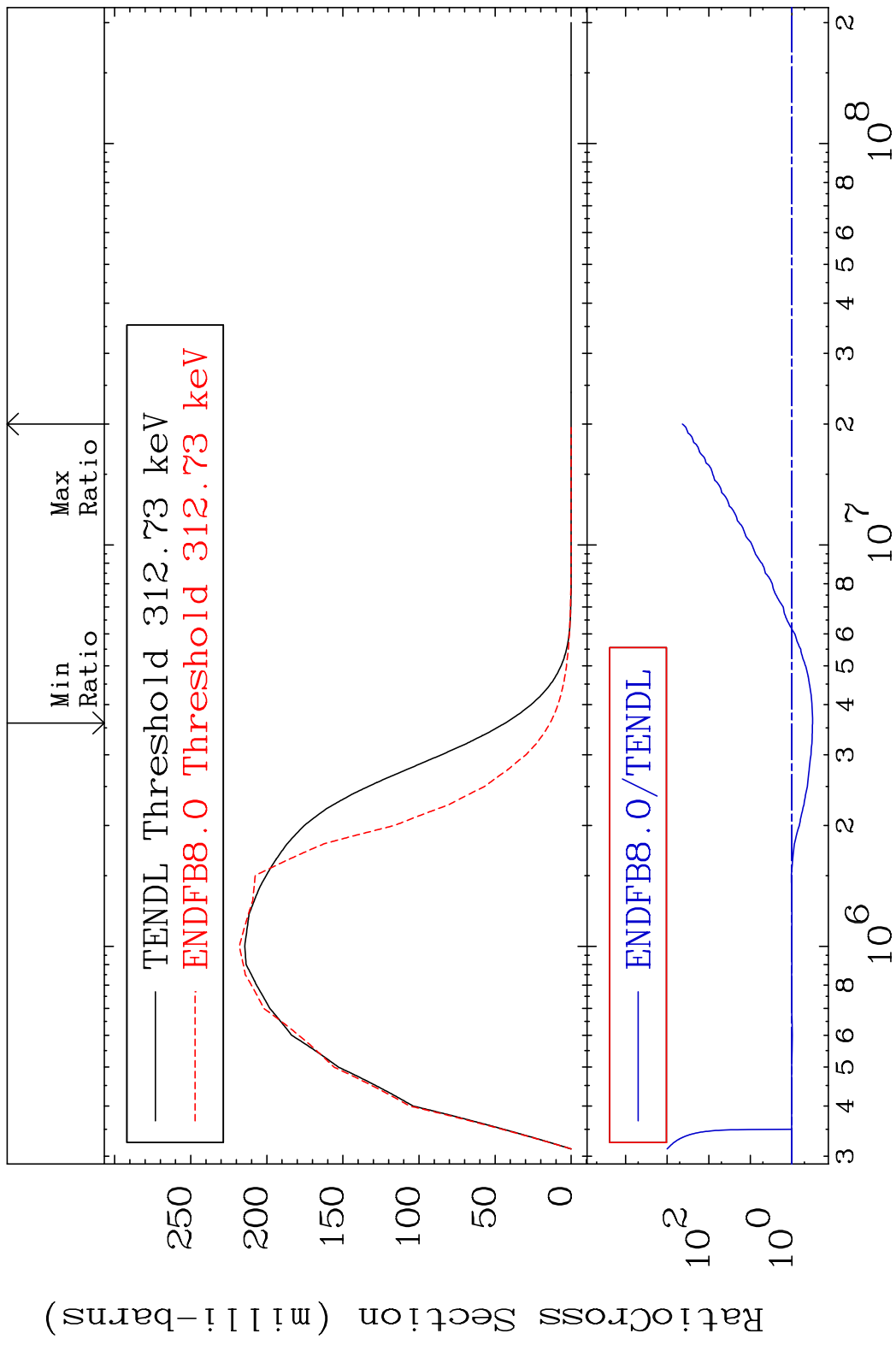
MAT 8329 MT= 58 (n, n') Level 83-Bi-210m
 Cross Section -57.96 To 9999. %



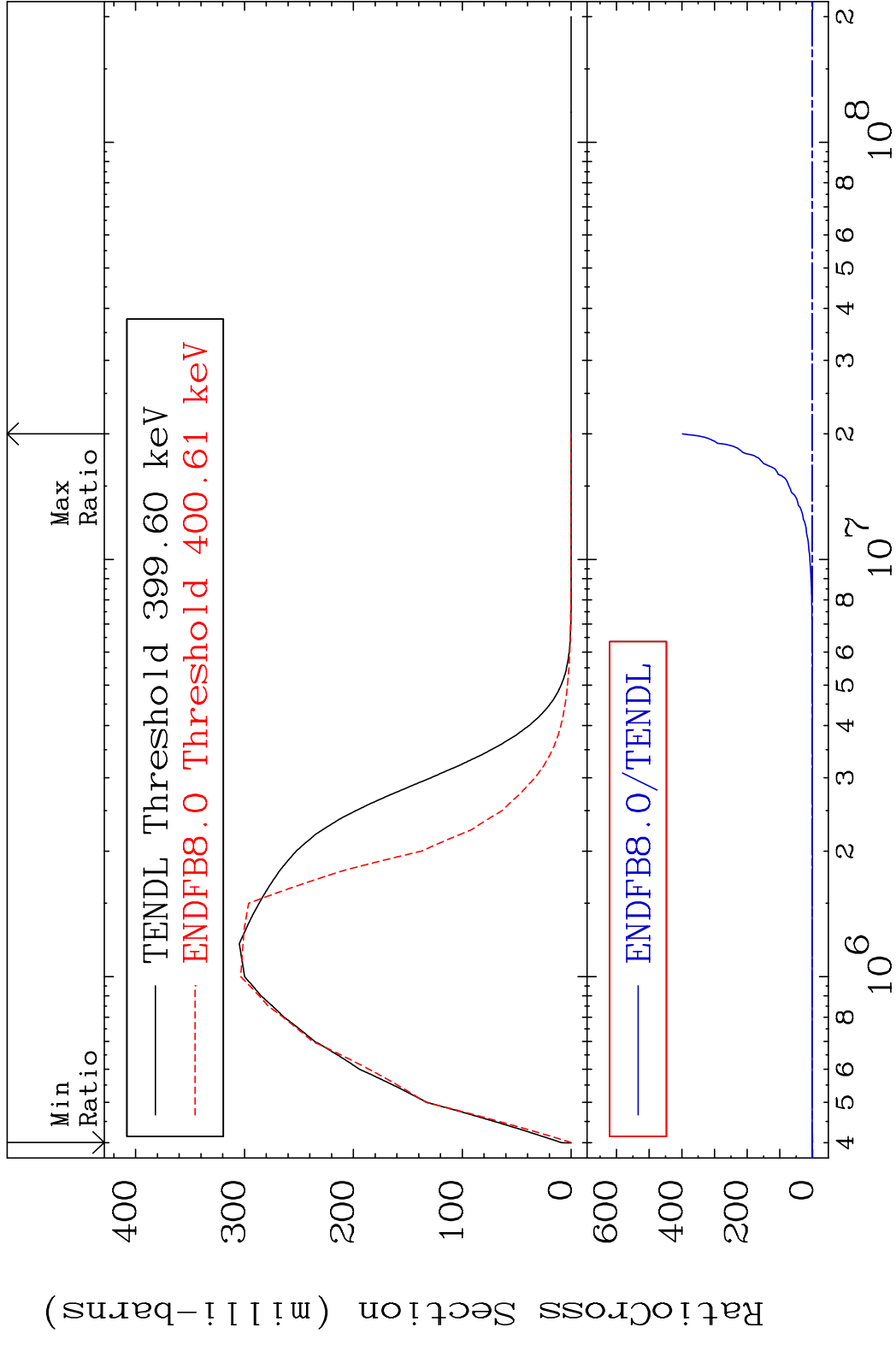
MAT 8329 MT= 59 (n, n') Level 83-Bi-210m
 Cross Section -32.75 To 9999. %



MAT 8329 MT= 60 (n, n') Level 83-Bi-210m
 Cross Section -68.11 To 9999. %

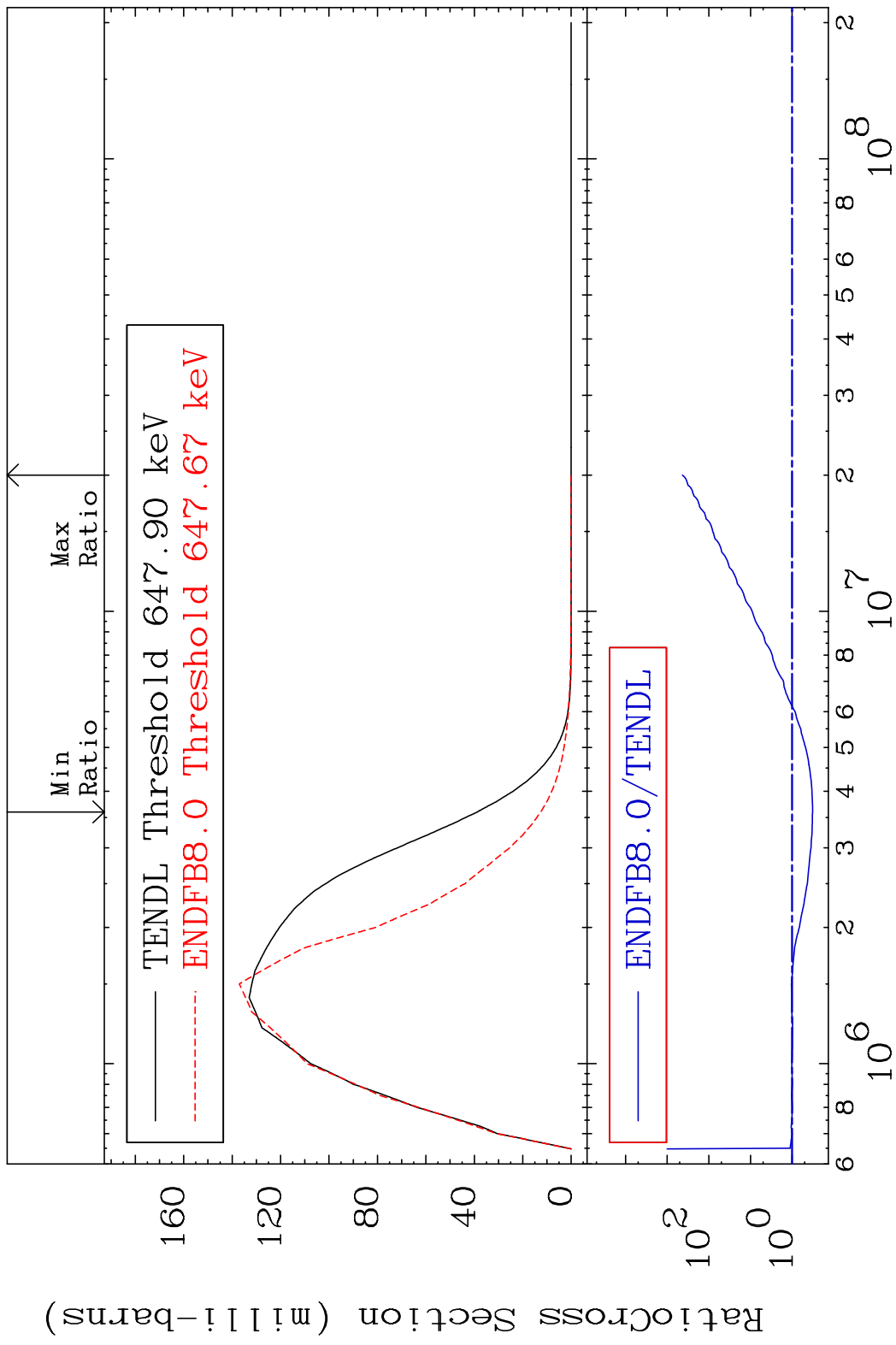


MAT 8329 MT= 61 (n, n') Level 83-Bi-210m
 Cross Section -100.0 To 9999. %



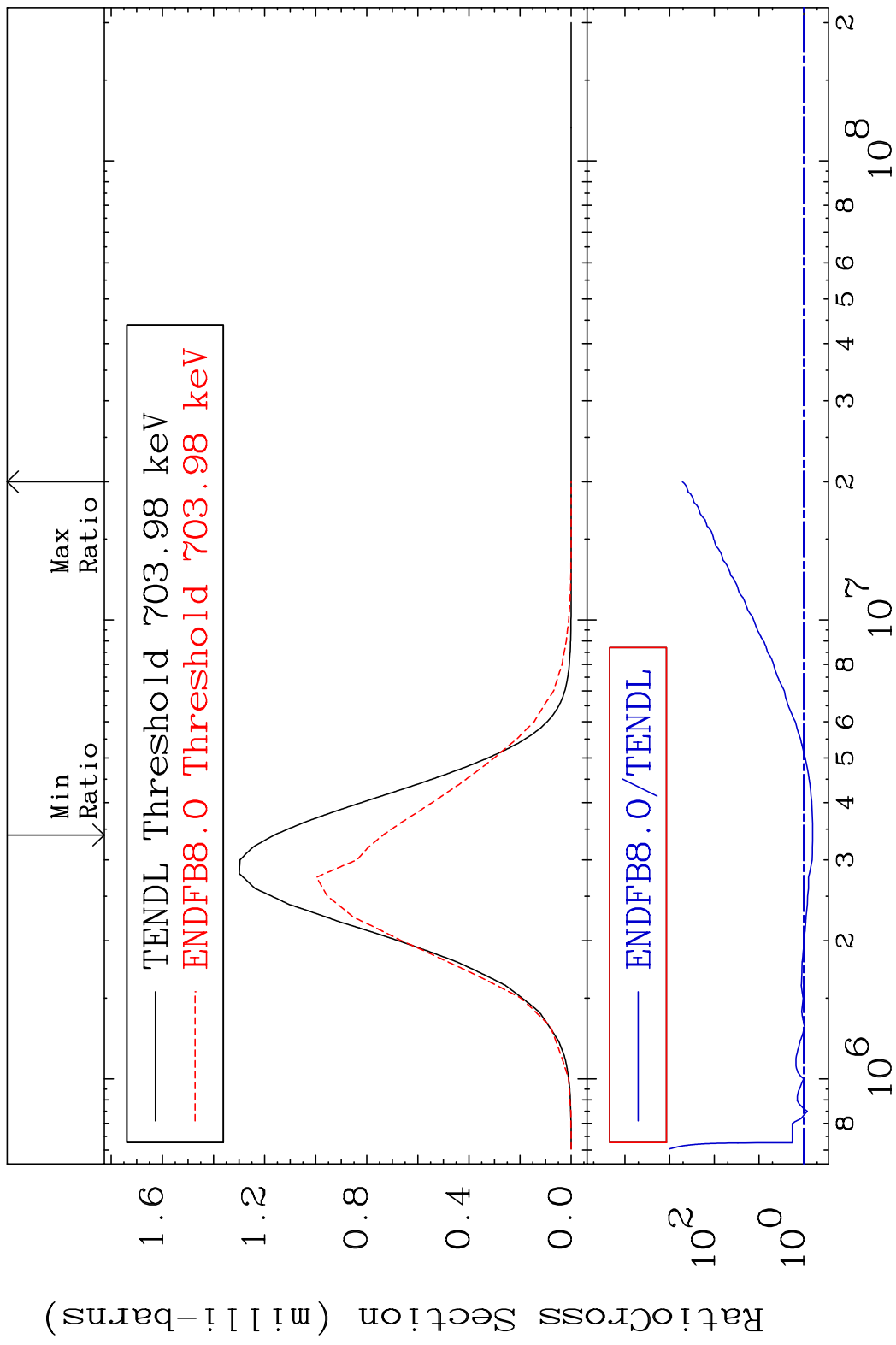
15 Incident Energy (eV) 83-Bi-210m

MAT 8329 MT= 62 (n, n') Level 83-Bi-210m
 Cross Section -67.67 To 9999. %



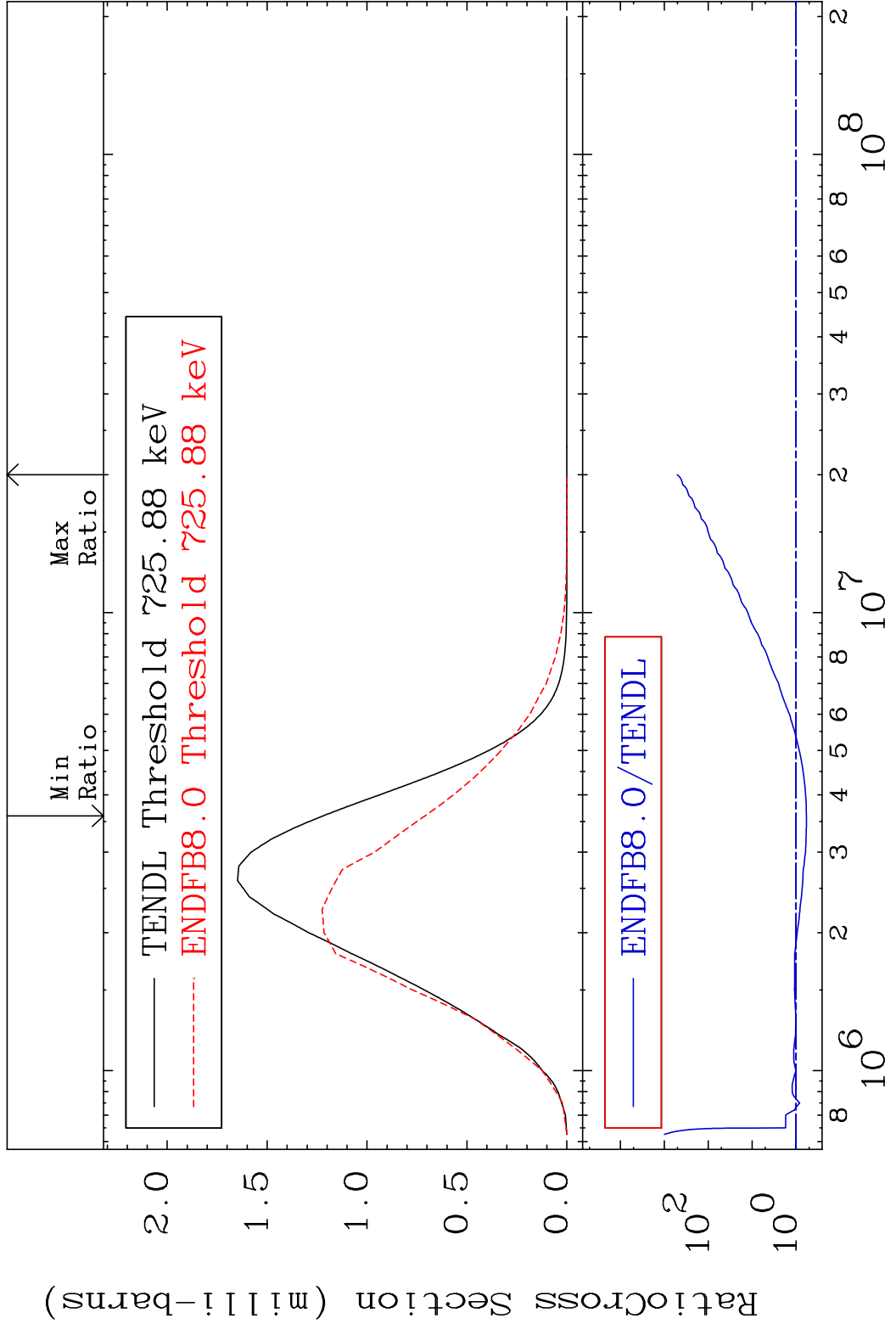
16 Incident Energy (eV) 83-Bi-210m

MAT 8329 MT= 63 (n, n') Level 83-Bi-210m
 Cross Section -36.66 To 9999. %



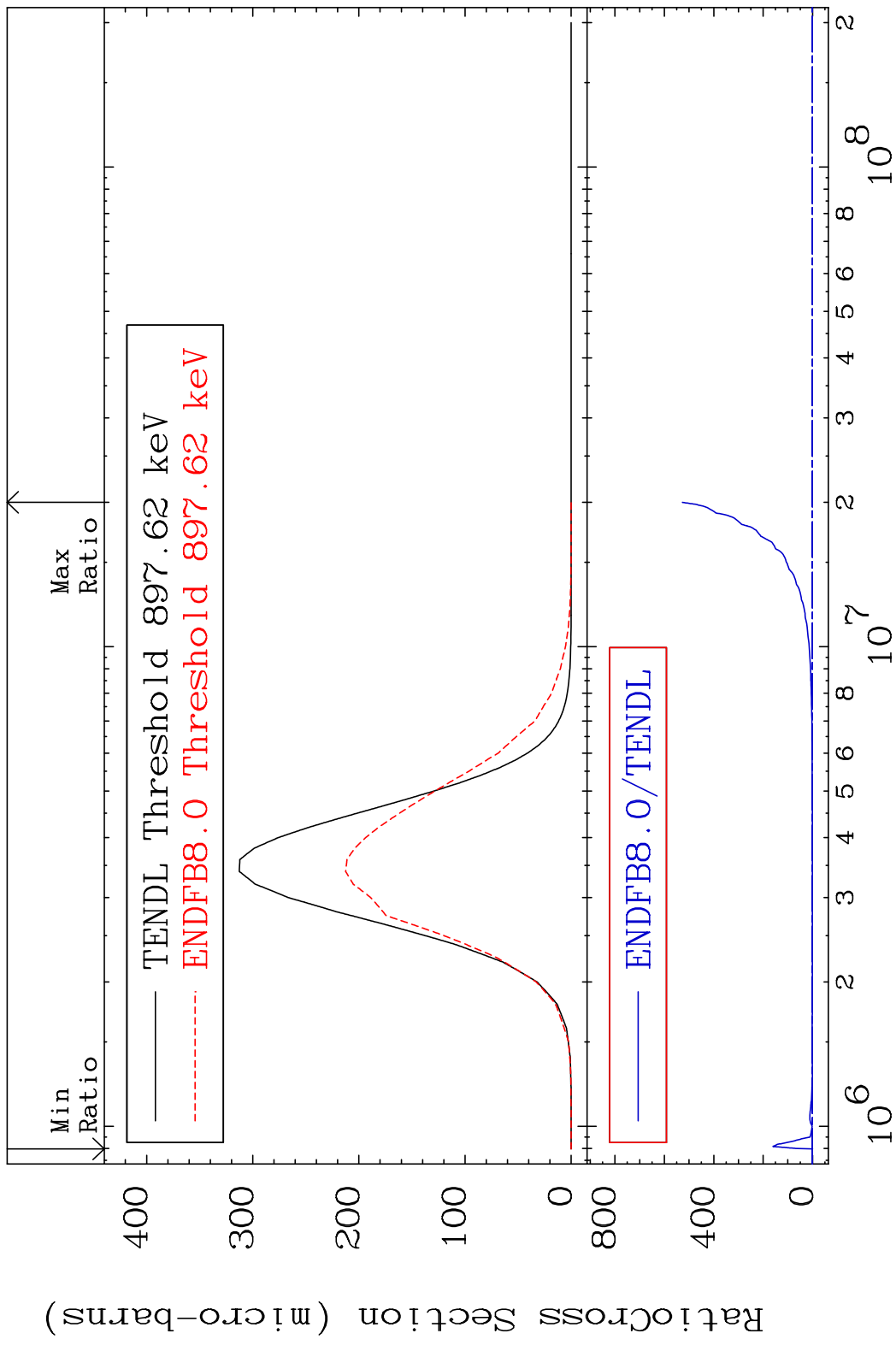
17 Incident Energy (eV) 83-Bi-210m

MAT 8329 MT= 64 (n, n') Level 83-Bi-210m
 Cross Section -41.86 To 9999. %



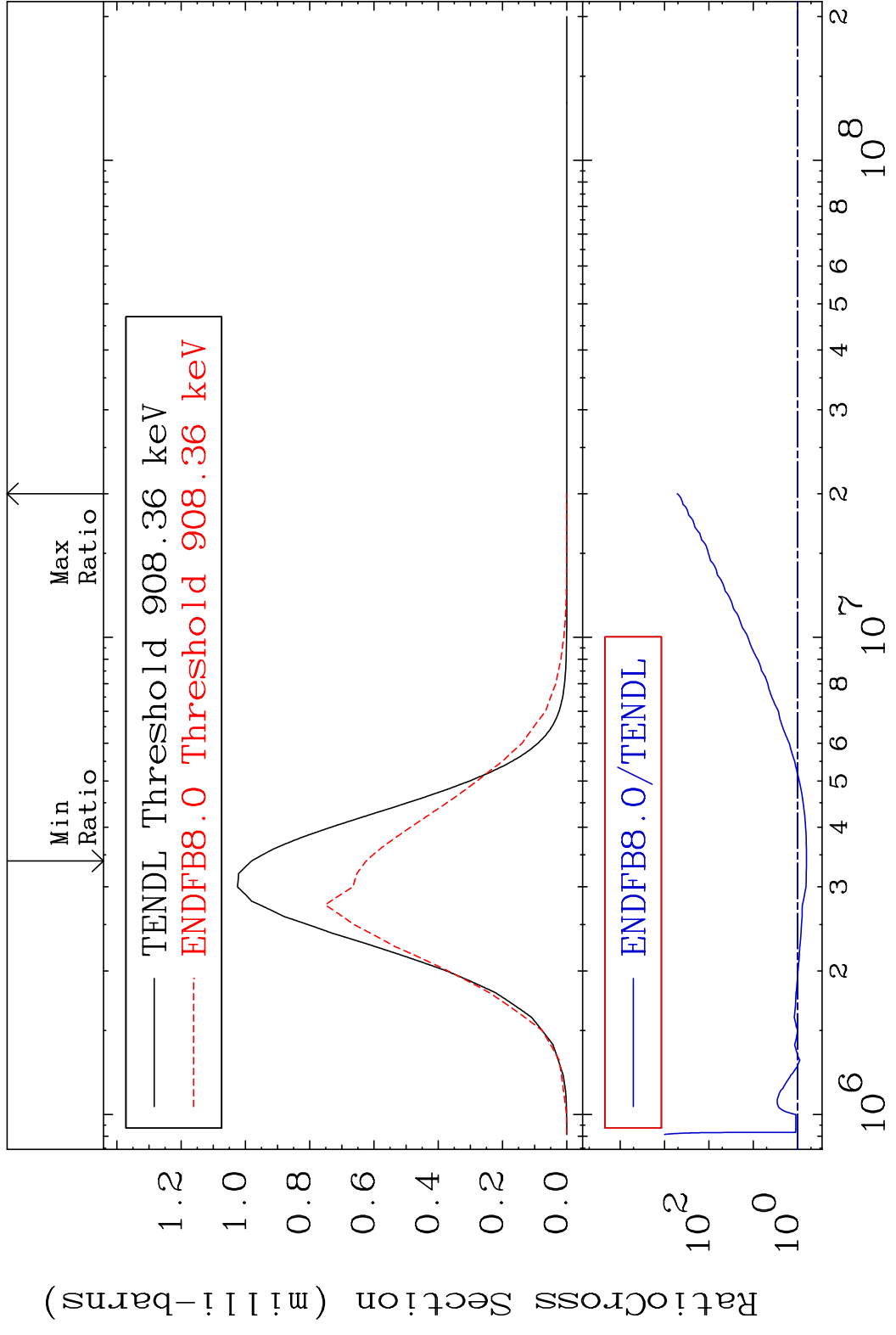
18 18 Incident Energy (eV) 83-Bi-210m

MAT 8329 MT= 65 (n, n') Level 83-Bi-210m
 Cross Section -100.0 To 9999. %



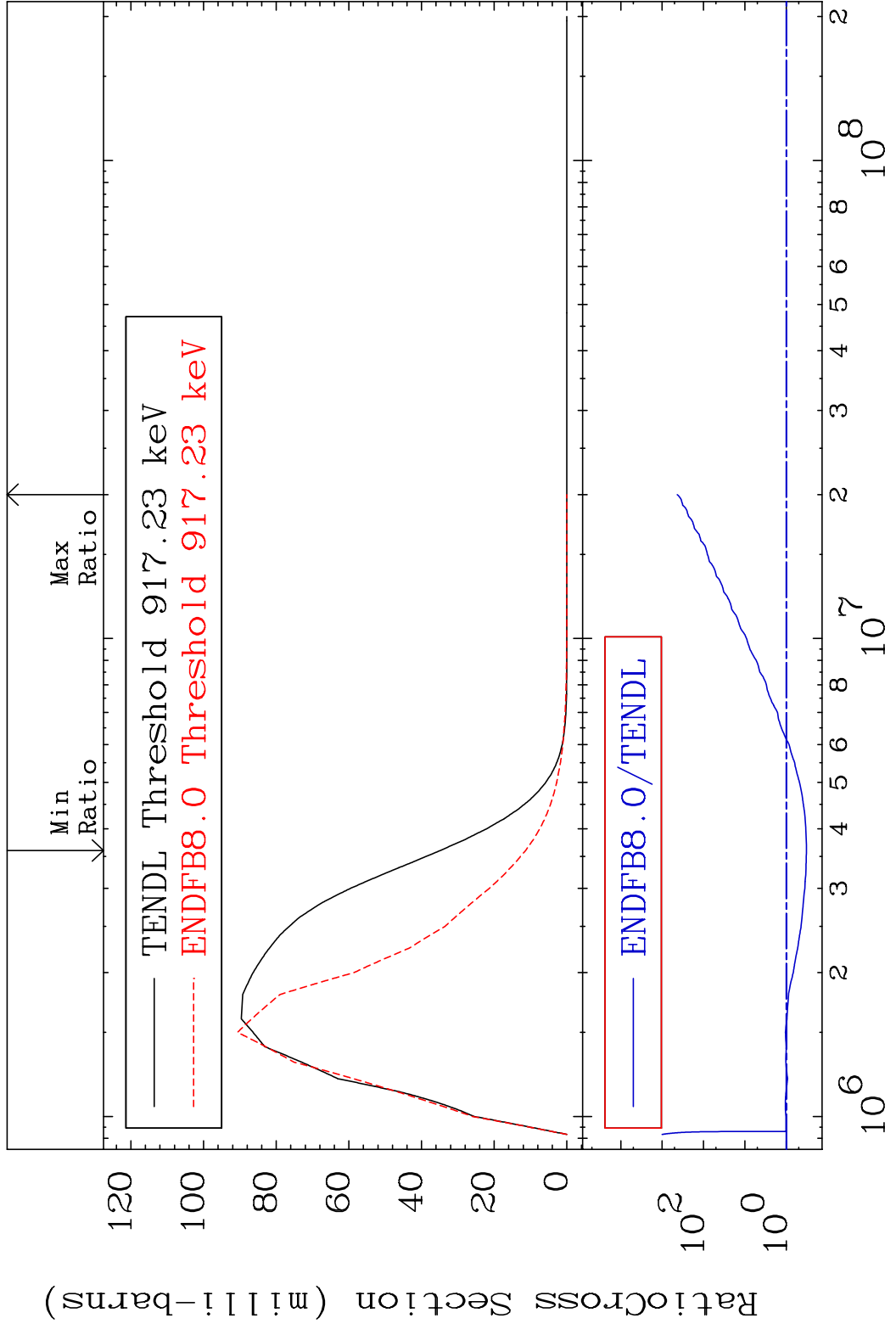
19 Incident Energy (eV) 83-Bi-210m

MAT 8329 MT= 66 (n, n') Level 83-Bi-210m
 Cross Section -36.36 To 9999. %



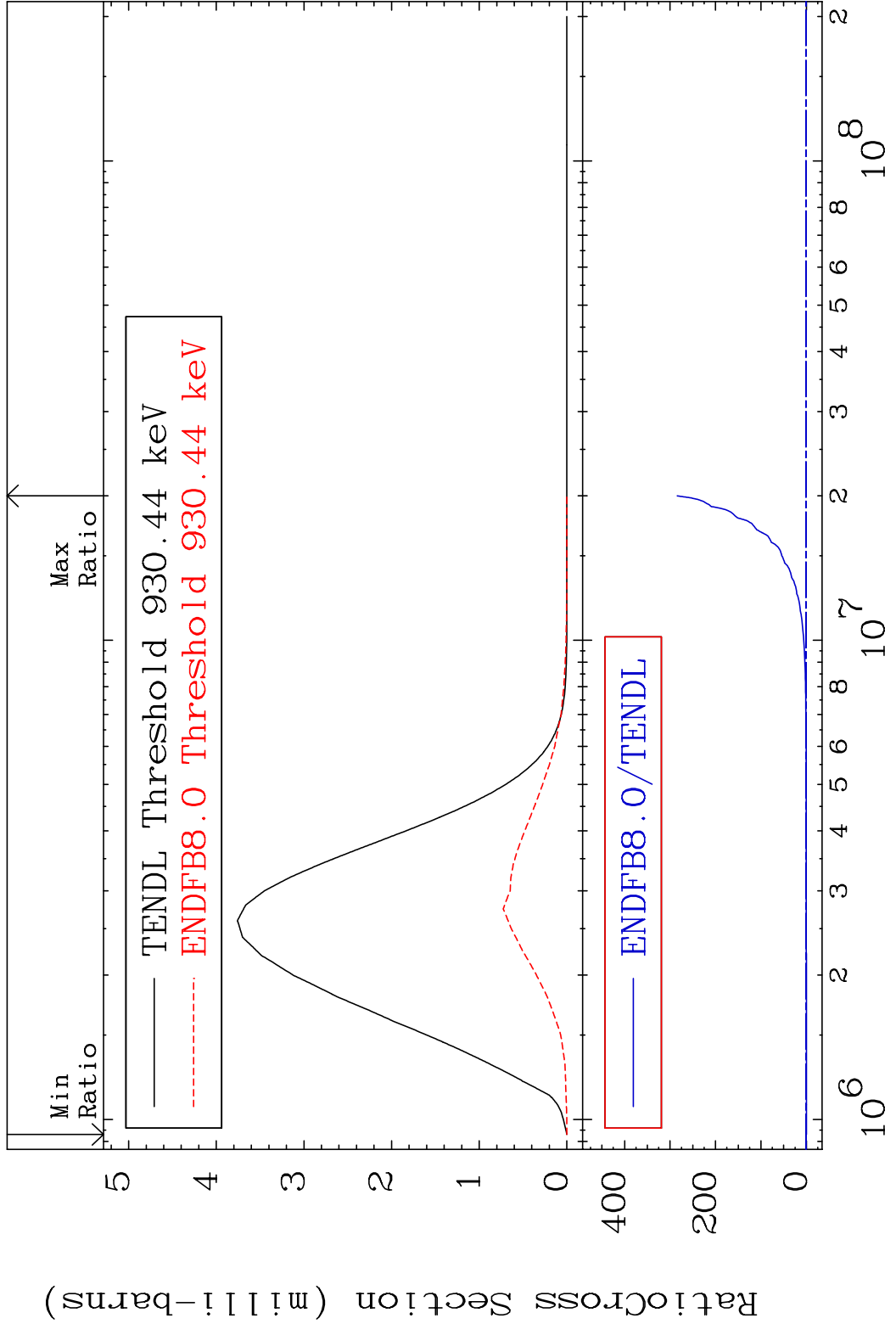
20 Incident Energy (eV) 83-Bi-210m

MAT 8329 MT= 67 (n, n') Level 83-Bi-210m
 Cross Section -67.32 To 9999. %



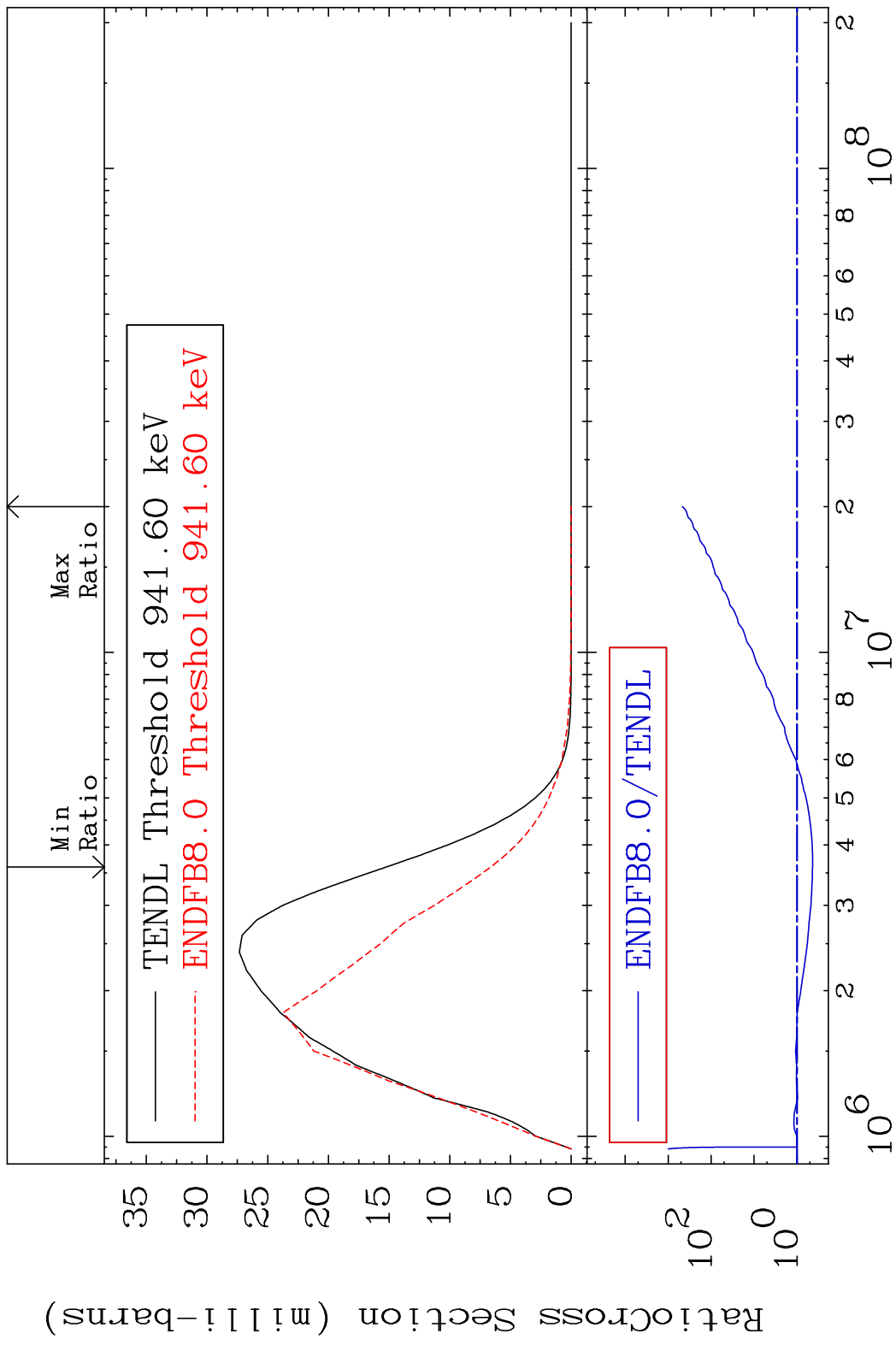
21 Incident Energy (eV) 83-Bi-210m

MAT 8329 MT= 68 (n, n') Level 83-Bi-210m
 Cross Section -100.0 To 9999. %



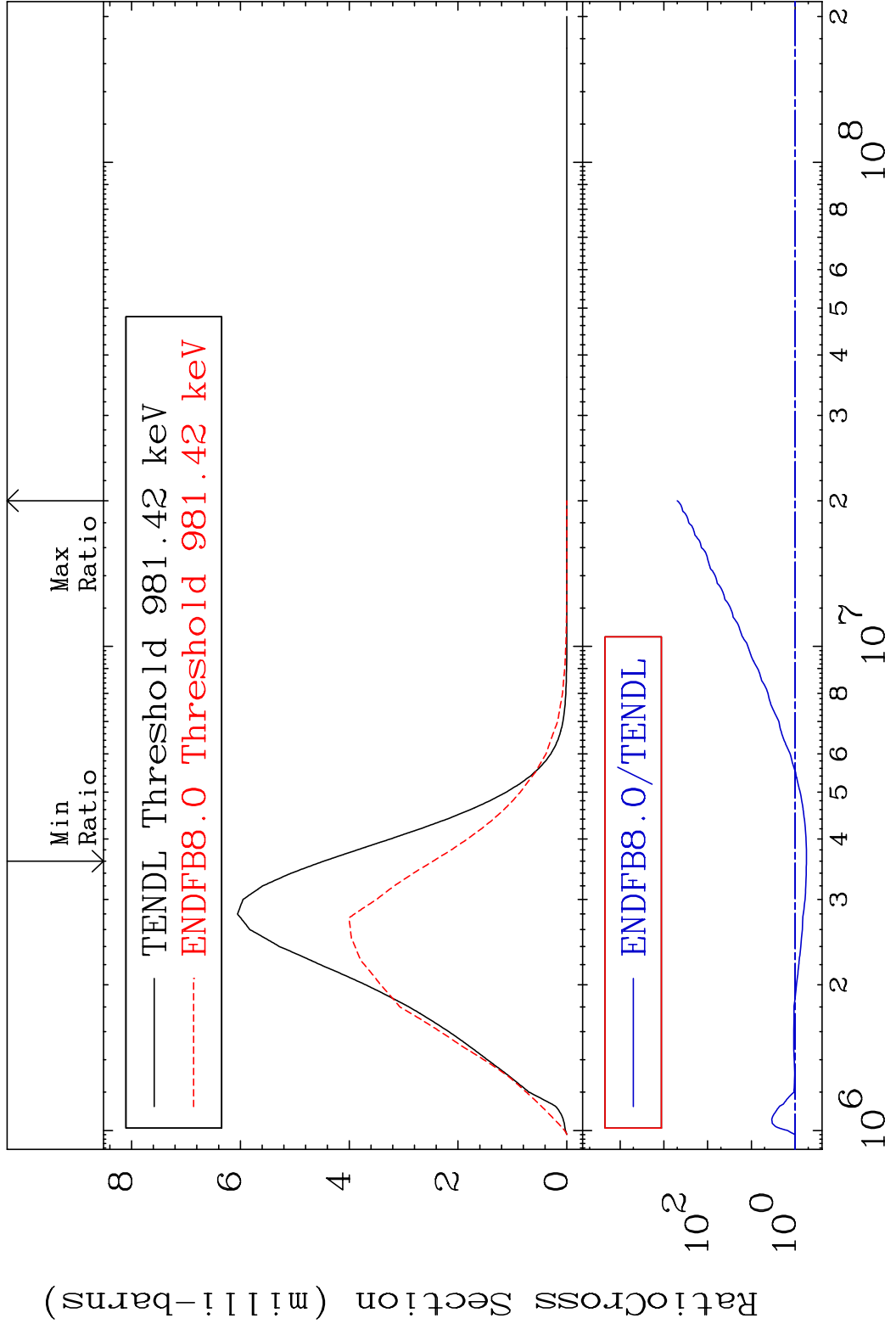
22 Incident Energy (eV) 83-Bi-210m

MAT 8329 MT= 69 (n, n') Level 83-Bi-210m
 Cross Section -56.48 To 9999. %



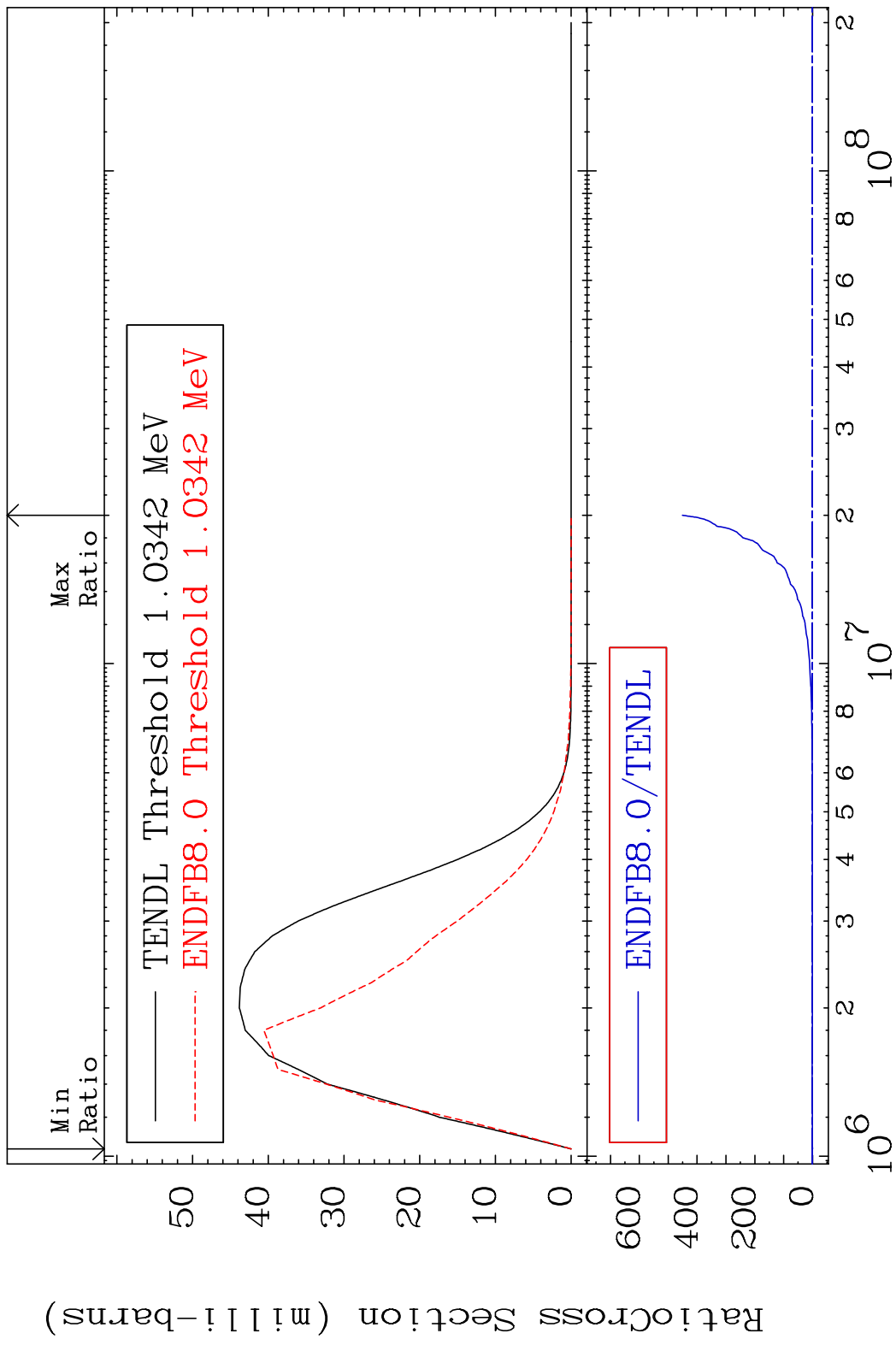
23 Incident Energy (eV) 83-Bi-210m

MAT 8329 MT= 70 (n, n') Level 83-Bi-210m
 Cross Section -44.98 To 9999. %



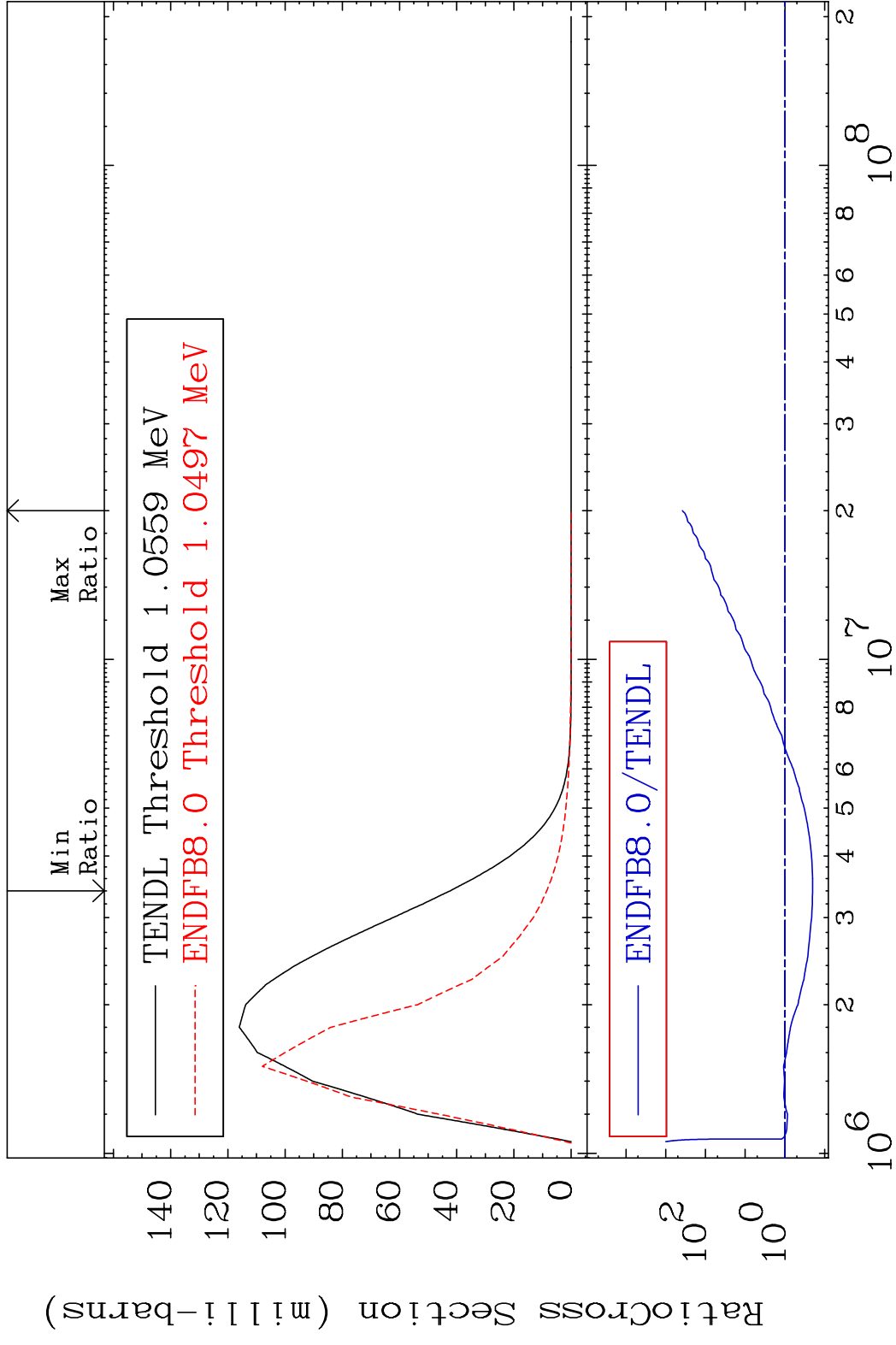
24 Incident Energy (eV) 83-Bi-210m

MAT 8329 MT= 71 (n, n') Level 83-Bi-210m
 Cross Section -100.0 To 9999. %

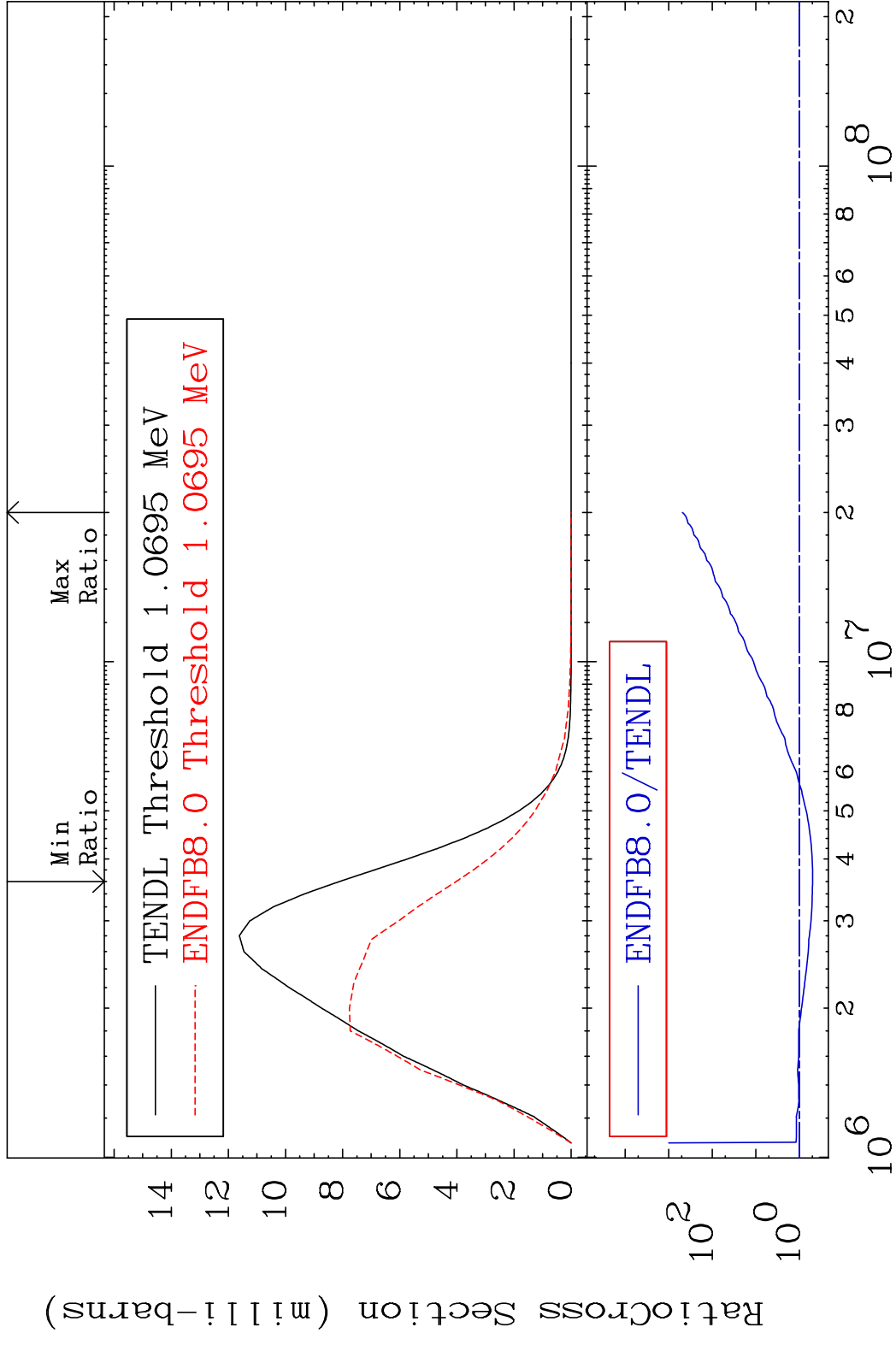


25 Incident Energy (eV) 83-Bi-210m

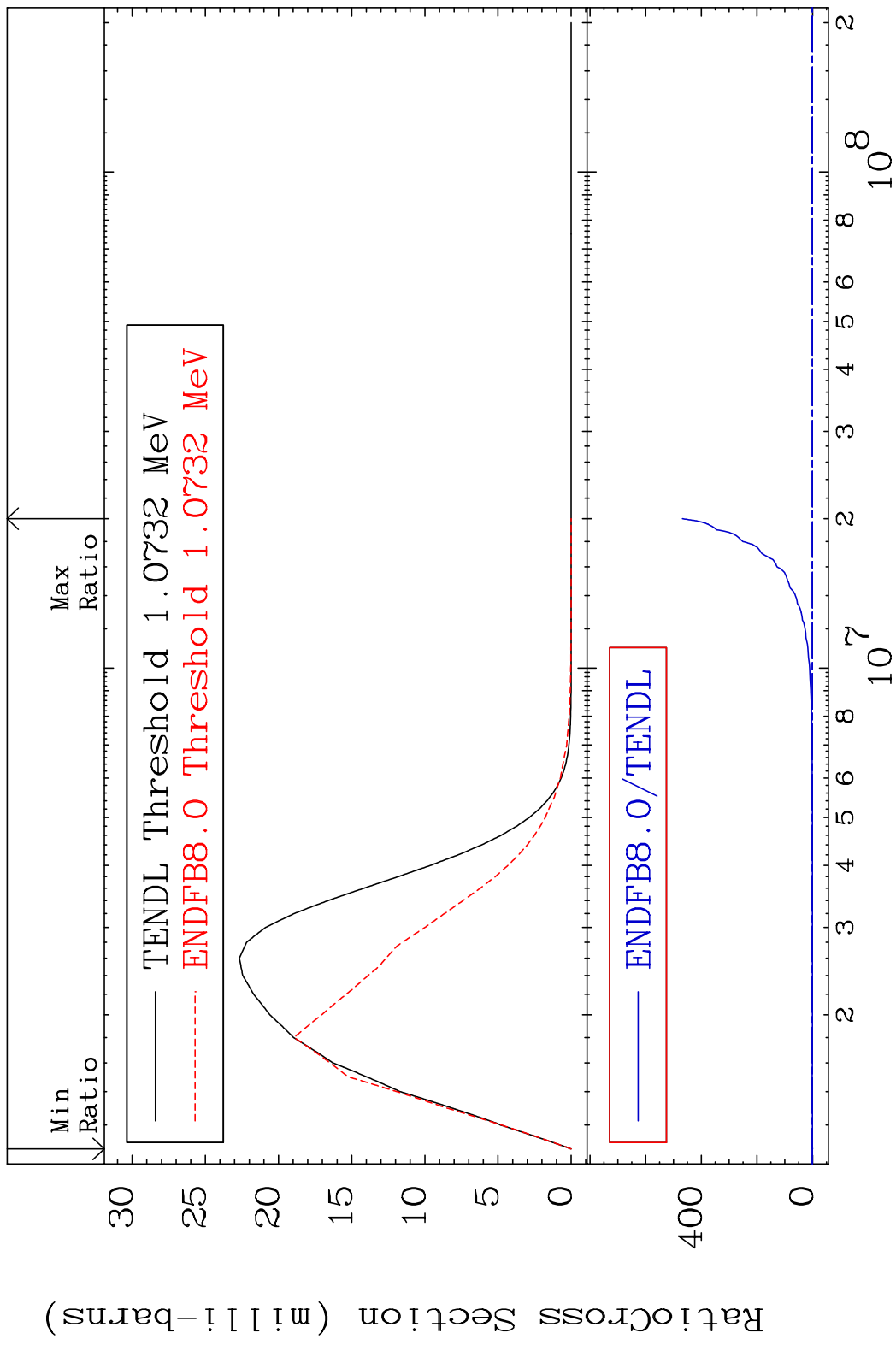
MAT 8329 MT= 72 (n, n') Level 83-Bi-210m
 Cross Section -79.85 To 9999. %



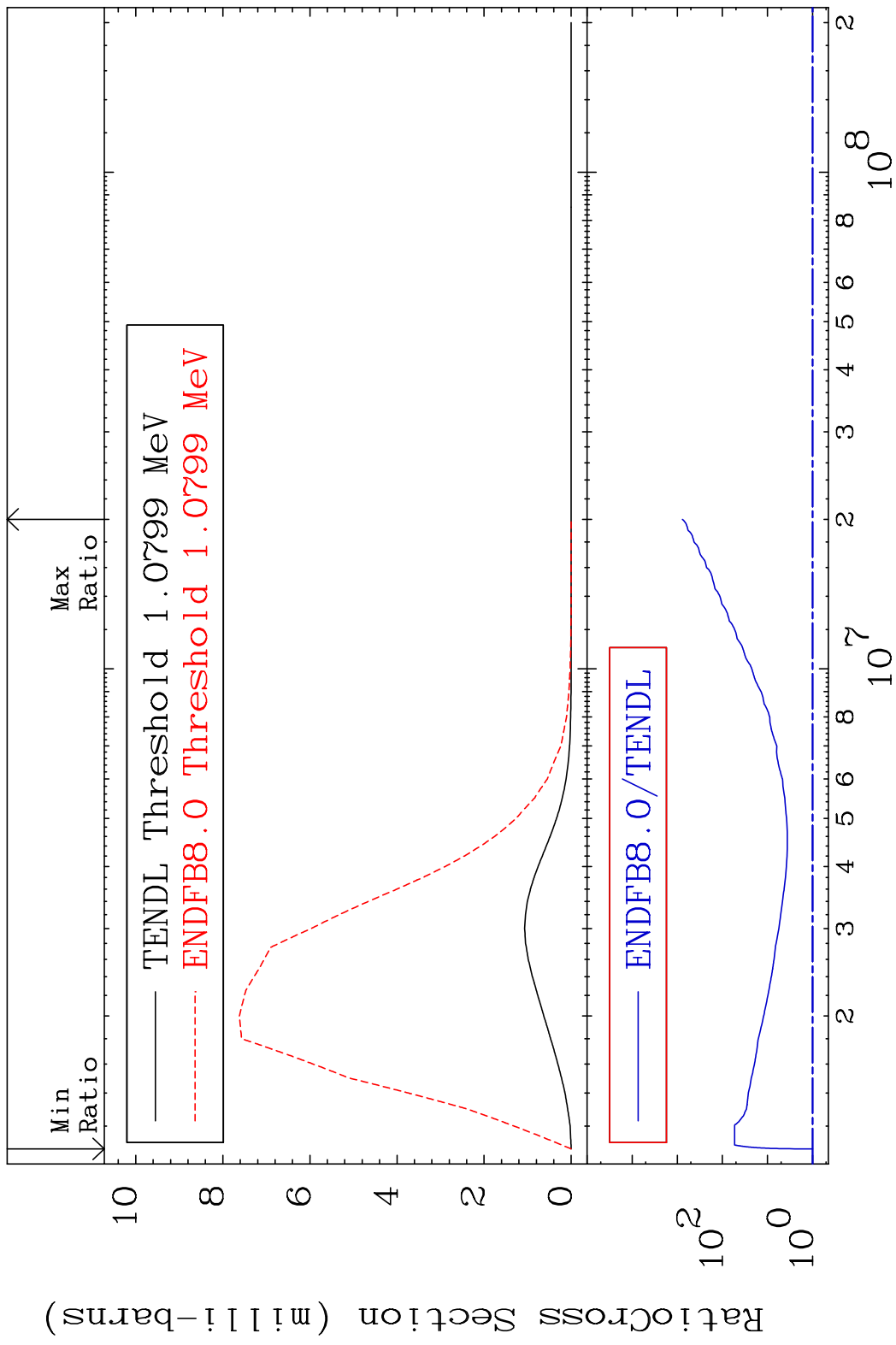
MAT 8329 MT= 73 (n, n') Level 83-Bi-210m
 Cross Section -50.37 To 9999. %



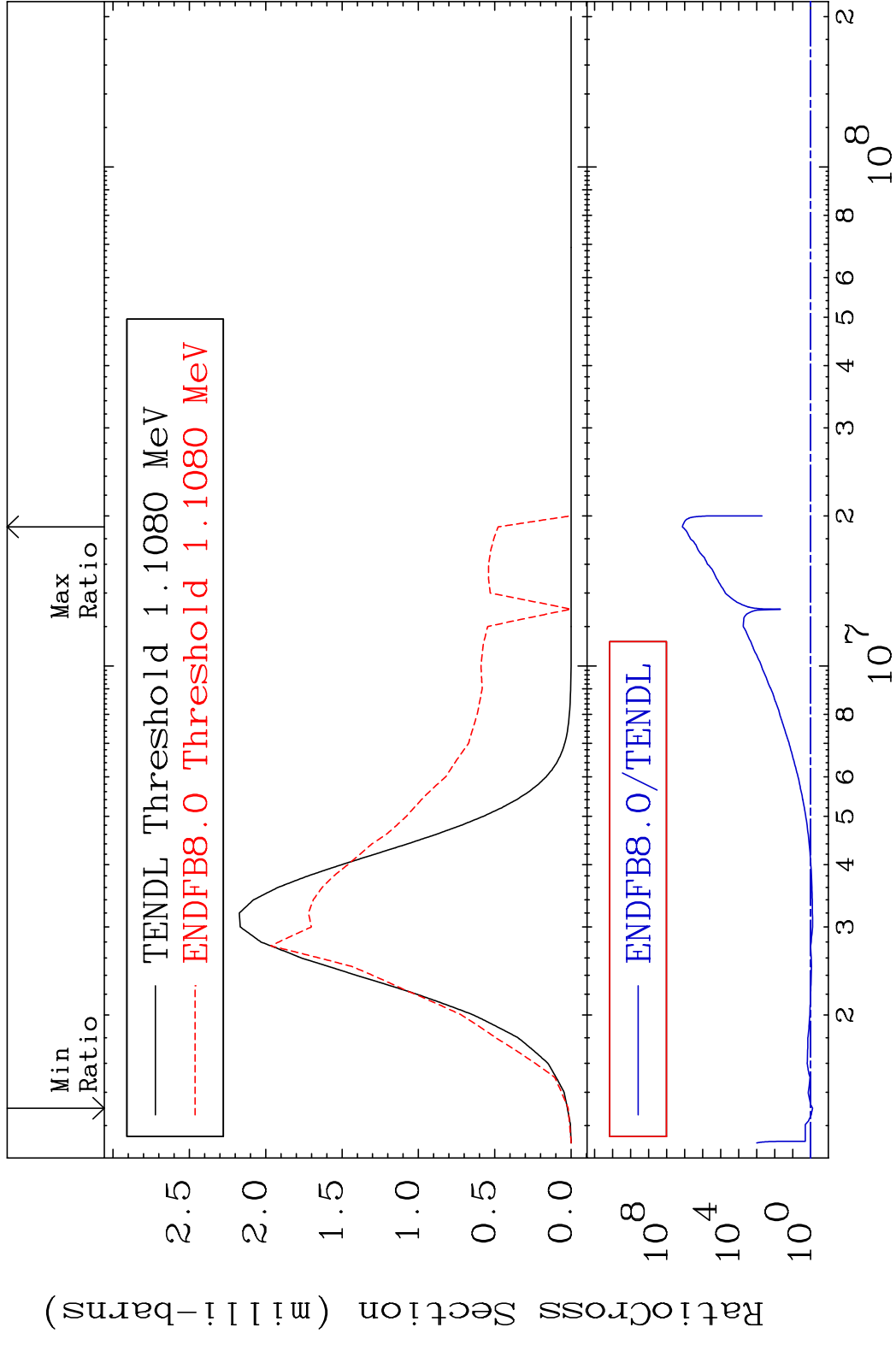
MAT 8329 MT= 74 (n, n') Level 83-Bi-210m
 Cross Section -100.0 To 9999. %



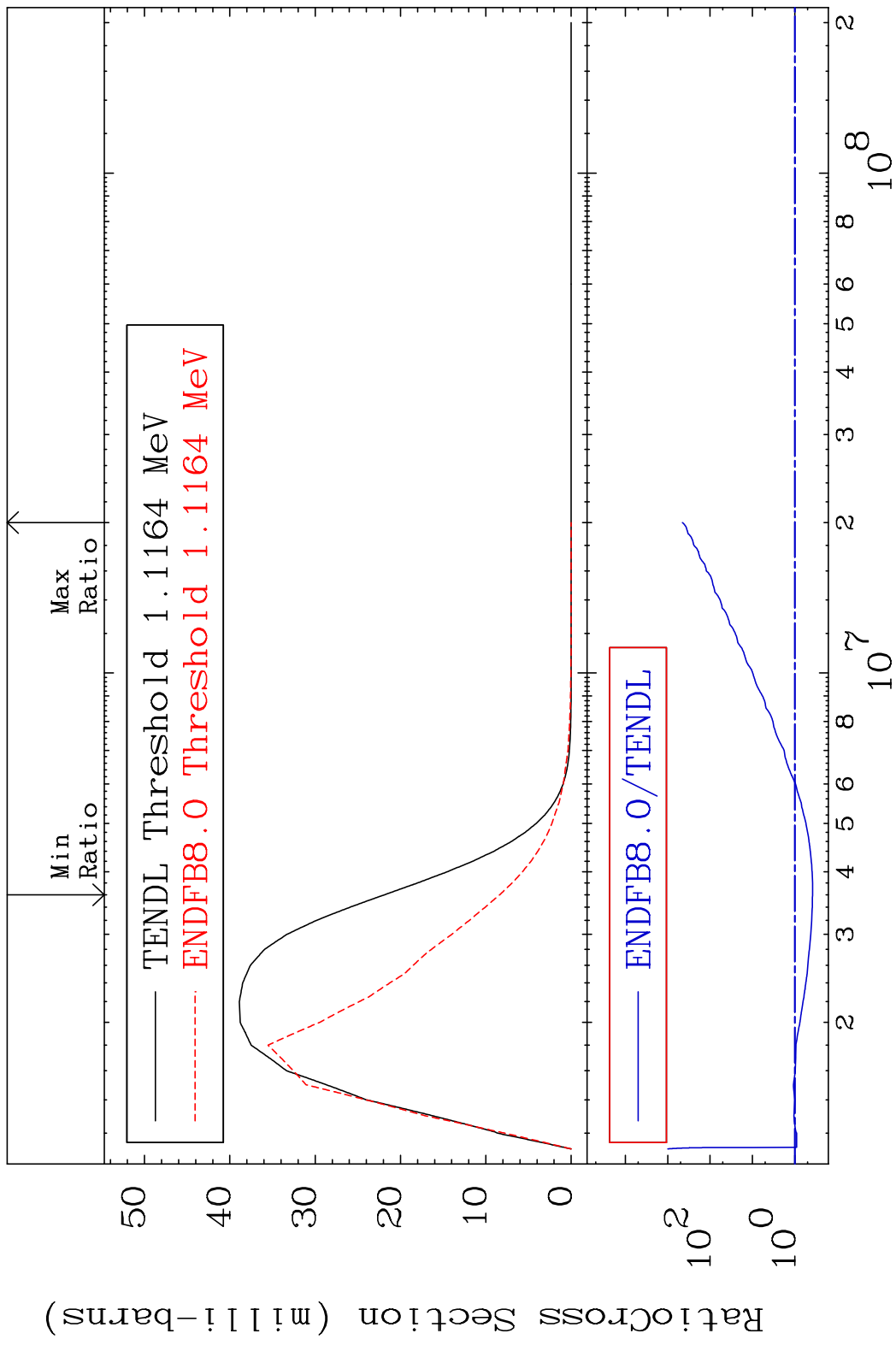
MAT 8329 MT= 75 (n, n') Level 83-Bi-210m
 Cross Section 0.000 To 9999. %



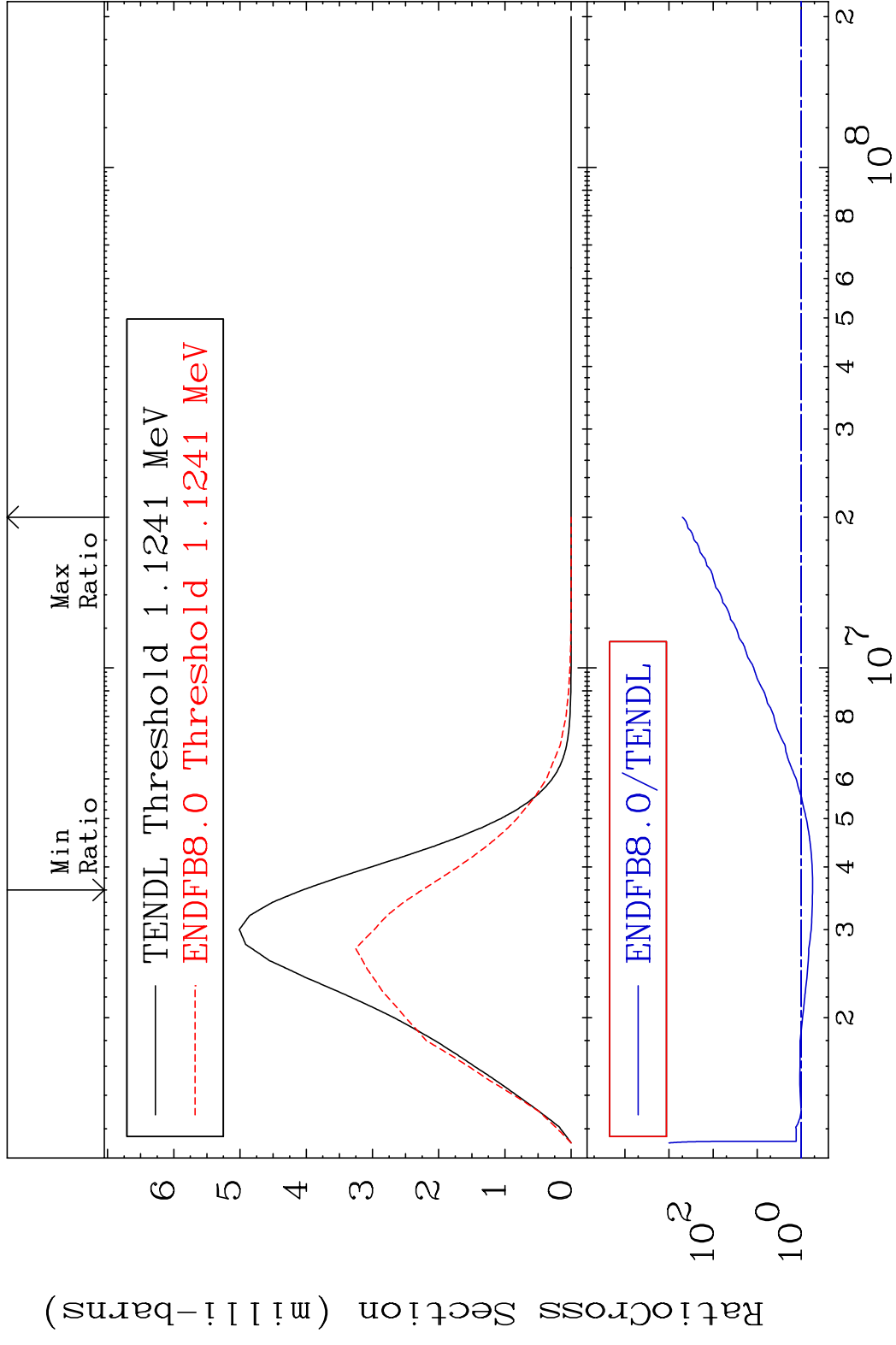
MAT 8329 MT= 76 (n, n') Level 83-Bi-210m
 Cross Section -21.49 To 9999. %



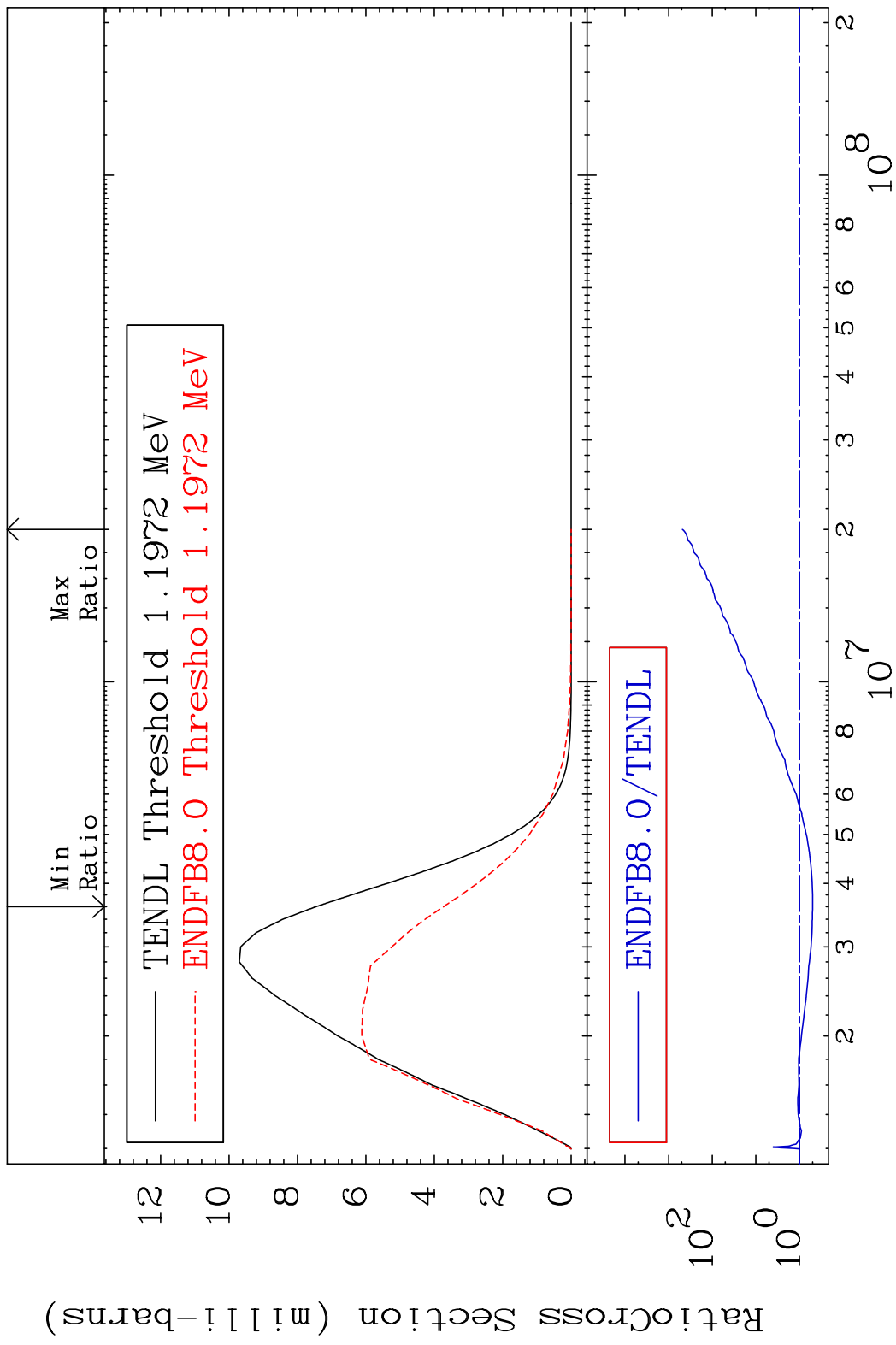
MAT 8329 MT= 77 (n, n') Level 83-Bi-210m
 Cross Section -61.71 To 9999. %



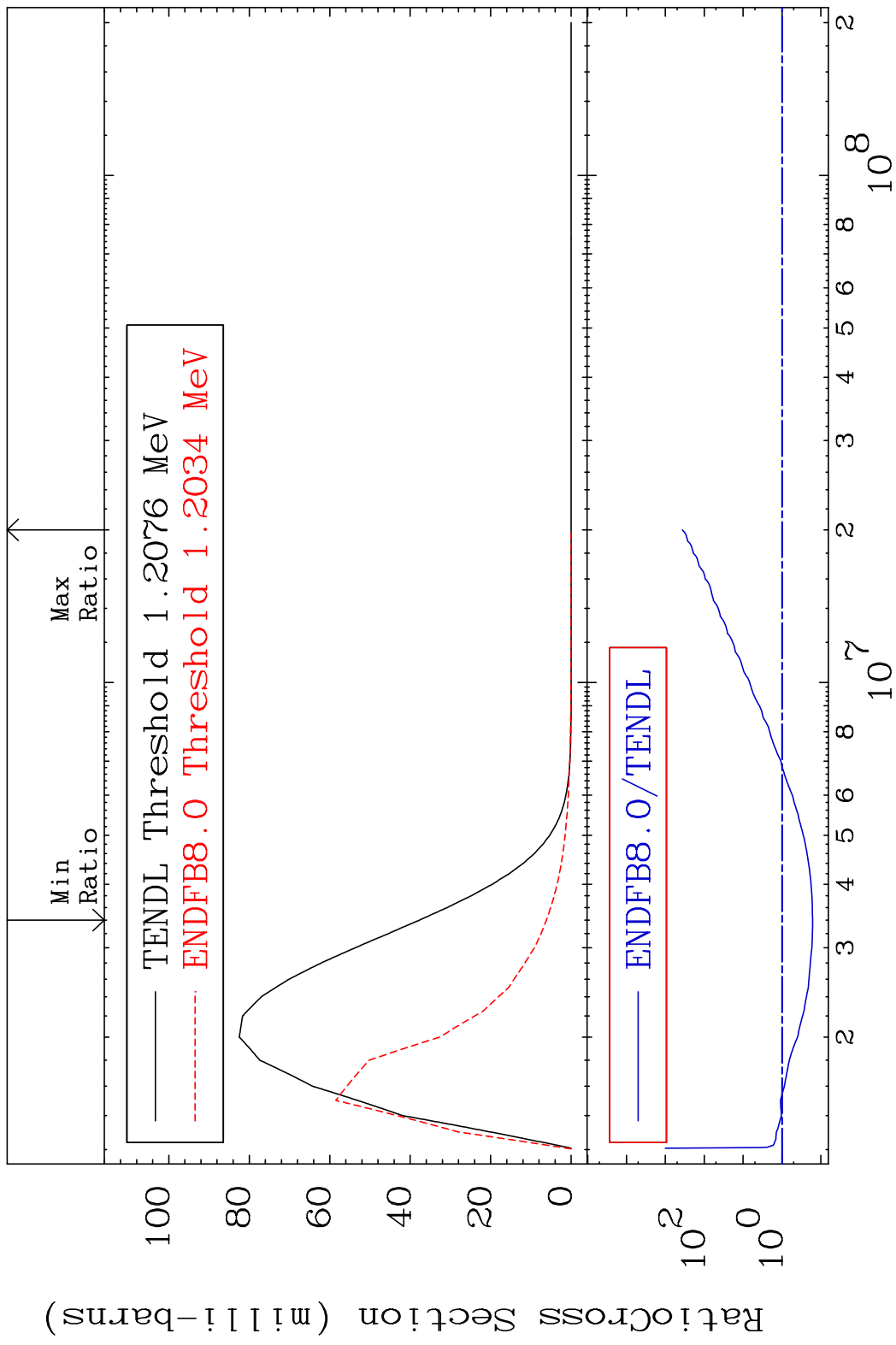
MAT 8329 MT= 78 (n, n') Level 83-Bi-210m
 Cross Section -44.53 To 9999. %



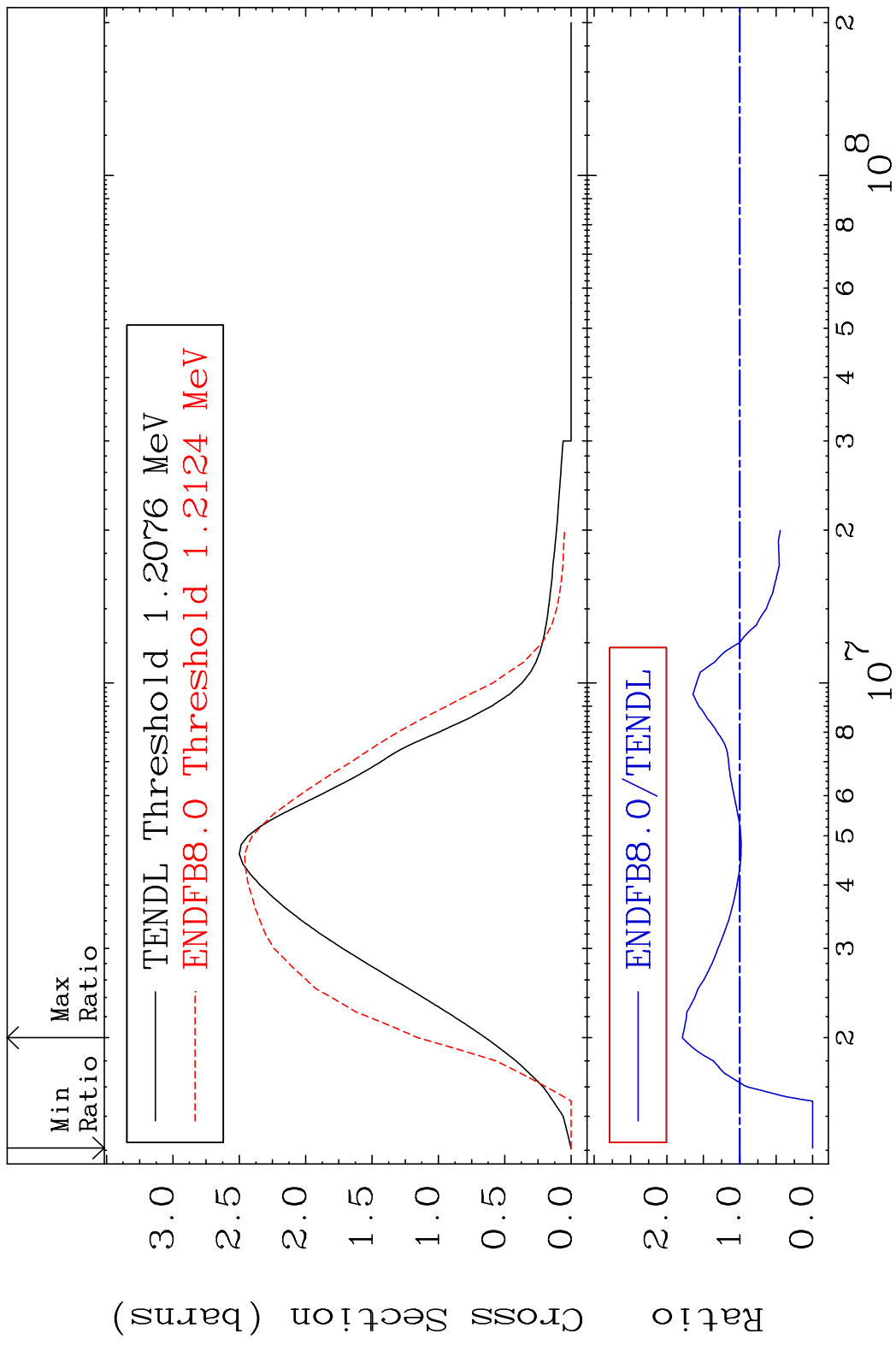
MAT 8329 MT= 79 (n, n') Level 83-Bi-210m
 Cross Section -50.00 To 9999. %



MAT 8329 MT= 80 (n, n') Level 83-Bi-210m
 Cross Section -83.66 To 9999. %



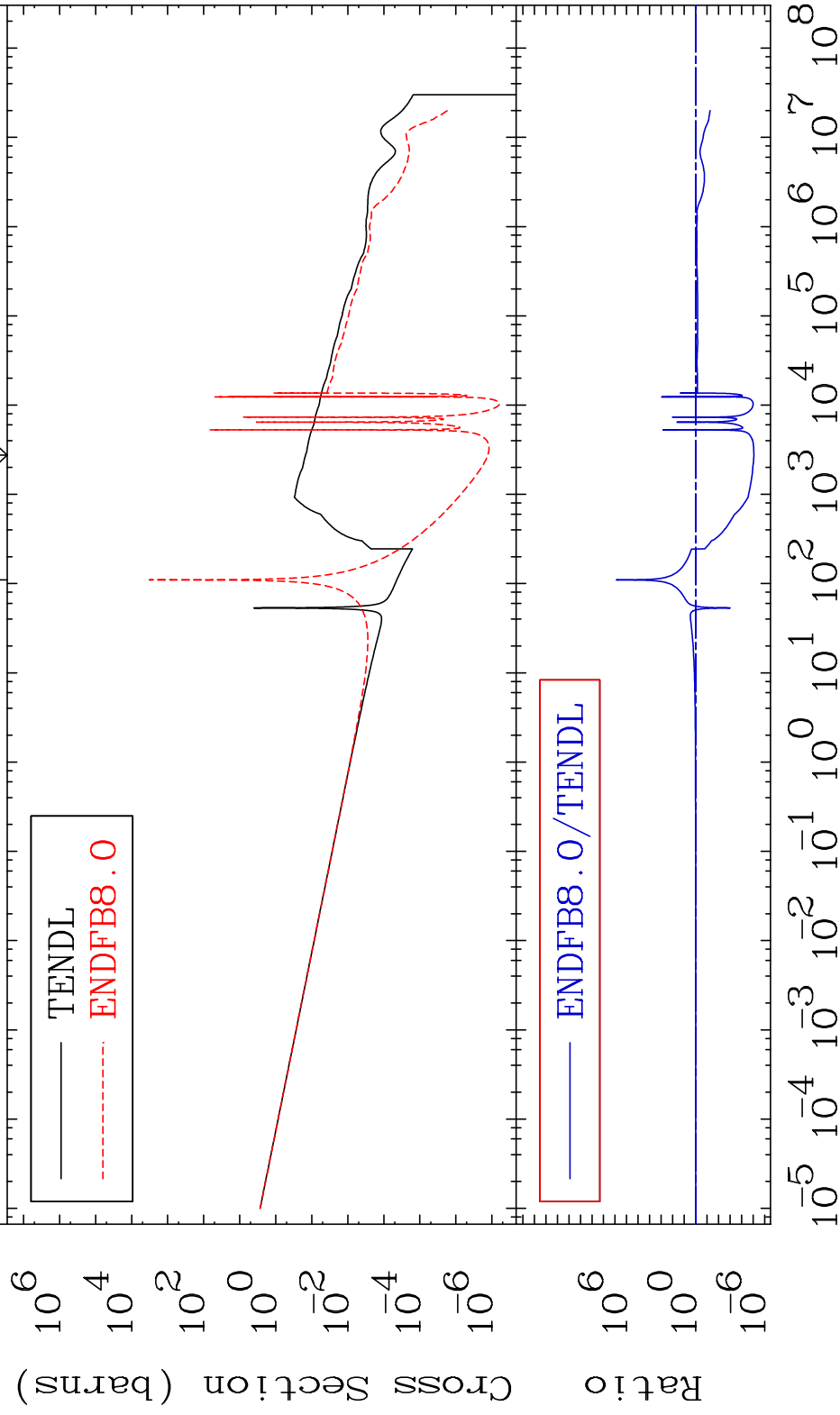
MAT 8329 (n,n') Continuum 83-Bi-210m
 Cross Section -100.0 To 78.83 %



MAT 8329

(n, γ)
Cross Section -100.0 To 9999. %

83-Bi-210m



36

Incident Energy (eV)

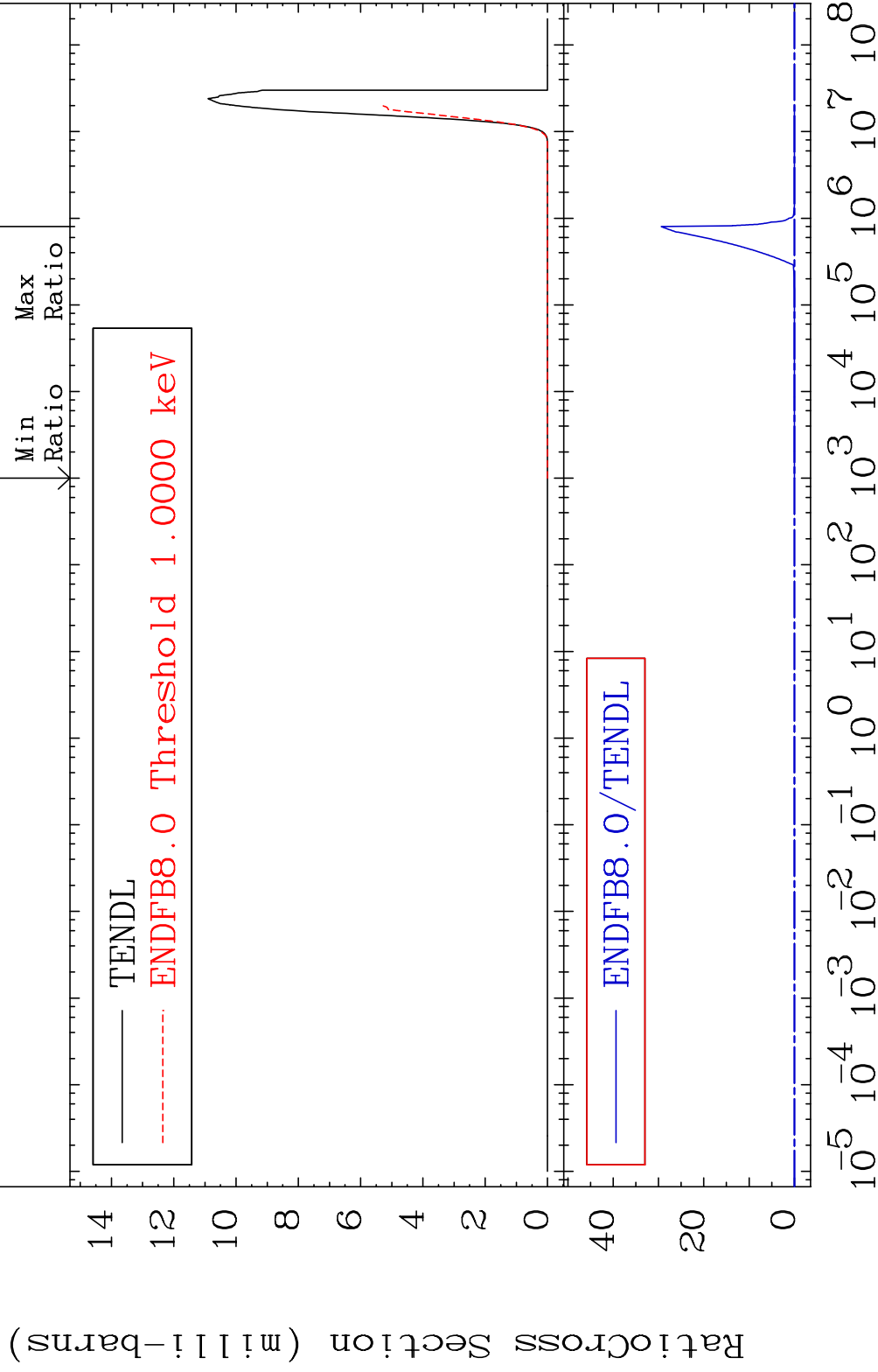
83-Bi-210m

MAT 8329

(n, p)

83-Bi-210m

Cross Section -100.0 To 9999. %



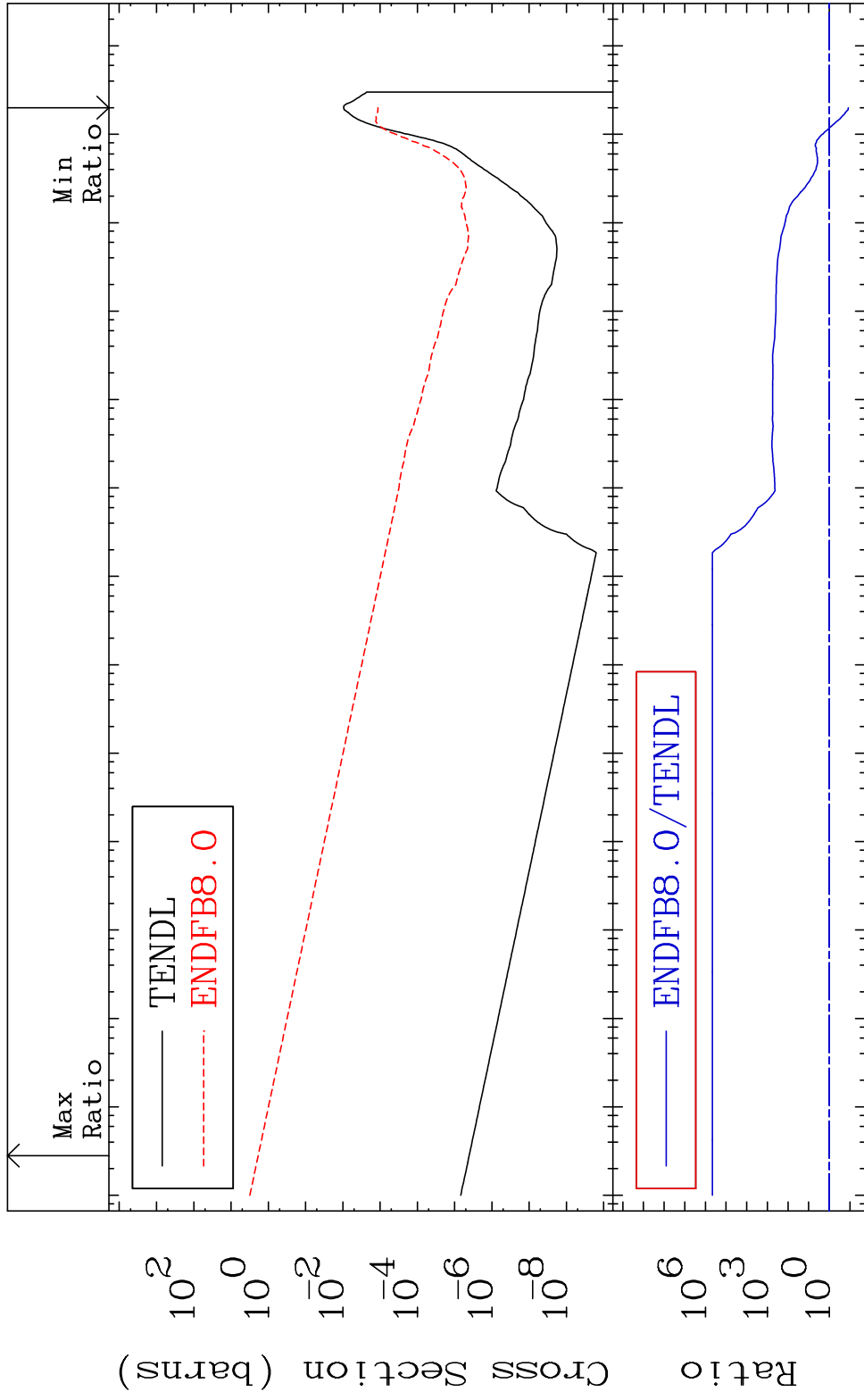
83-Bi-210m

MAT 8329

(n, α)

83-Bi-210m

Cross Section -87.96 To 9999. %



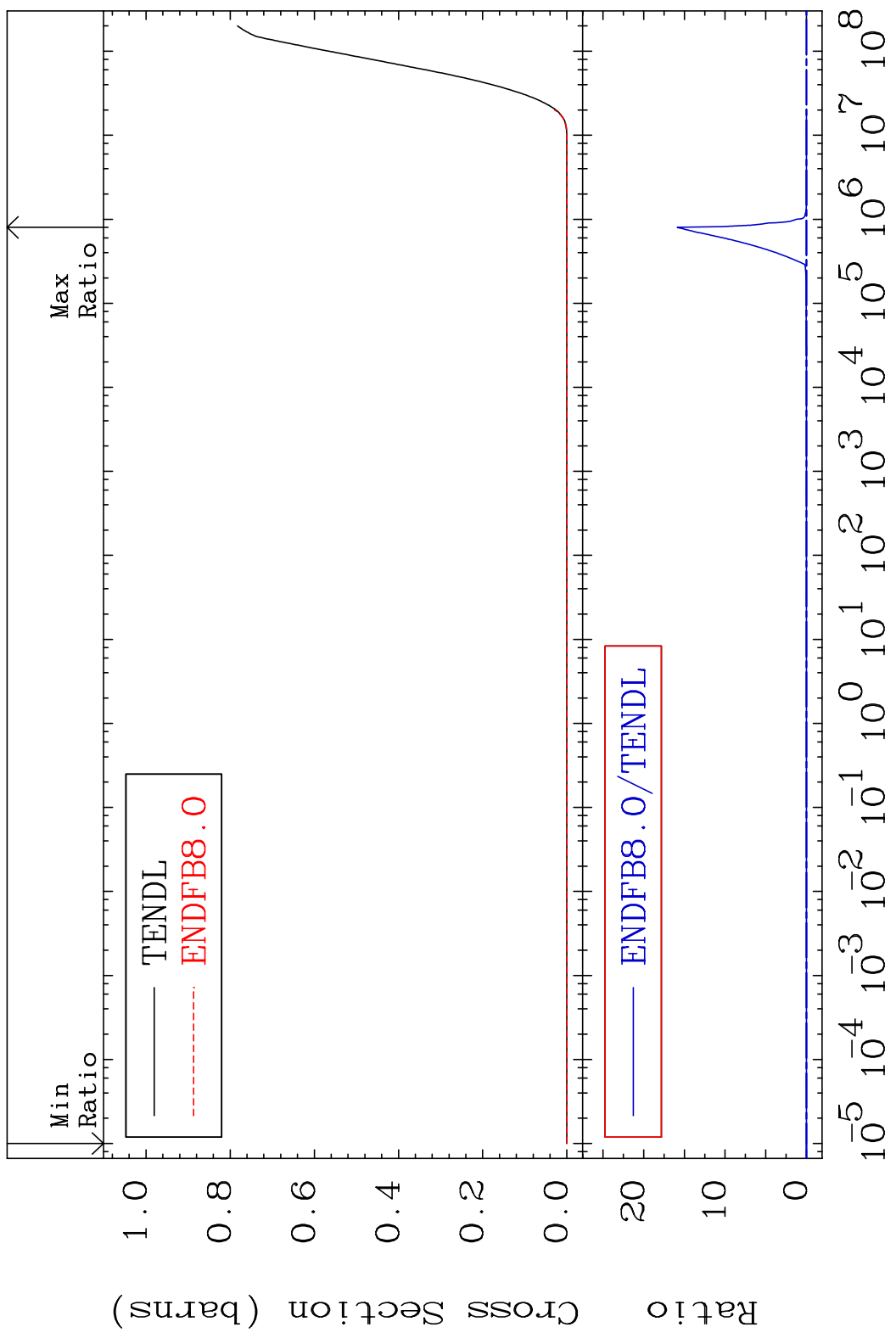
38

Incident Energy (eV)

83-Bi-210m

MAT 8329

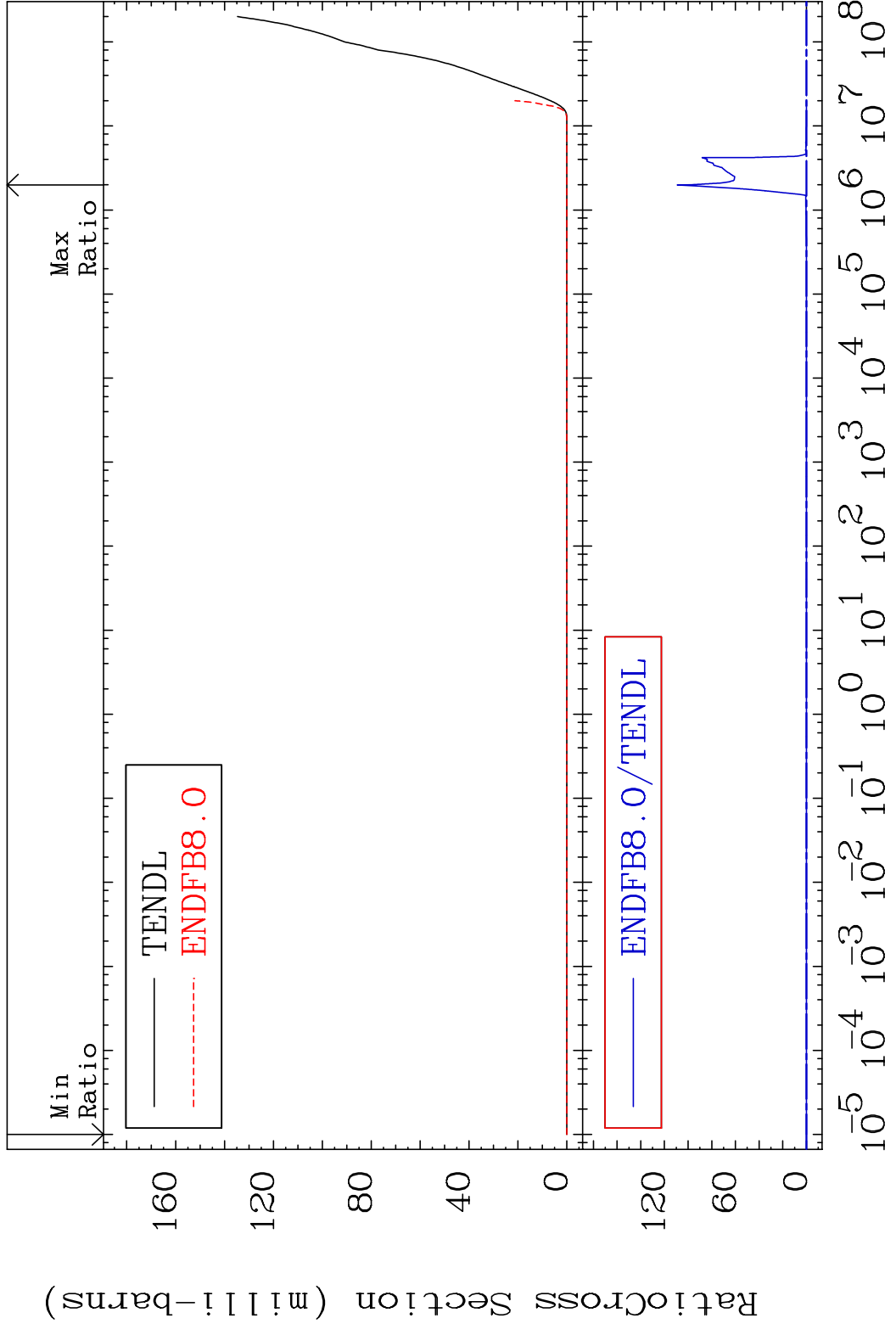
Hydrogen Production 83-Bi-210m
Cross Section -100.0 To 9999. %



39

Incident Energy (eV) 83-Bi-210m

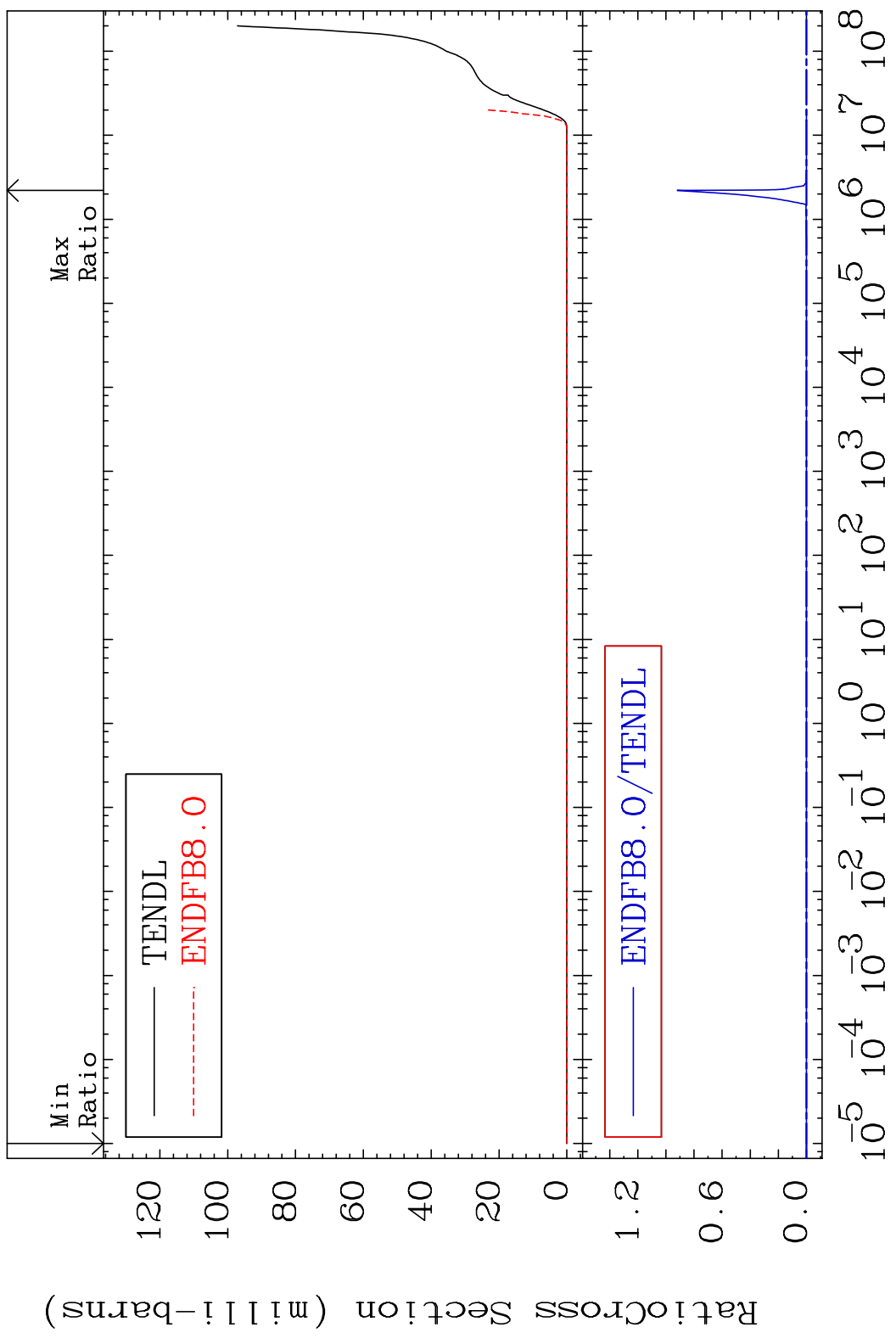
MAT 8329 Deuterium Production 83-Bi-210m
 Cross Section -100.0 To 9999. %



40 120 60 0 160 120 80 40 0 10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸ 83-Bi-210m

MAT 8329

Tritium Production 83-Bi-210m
Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

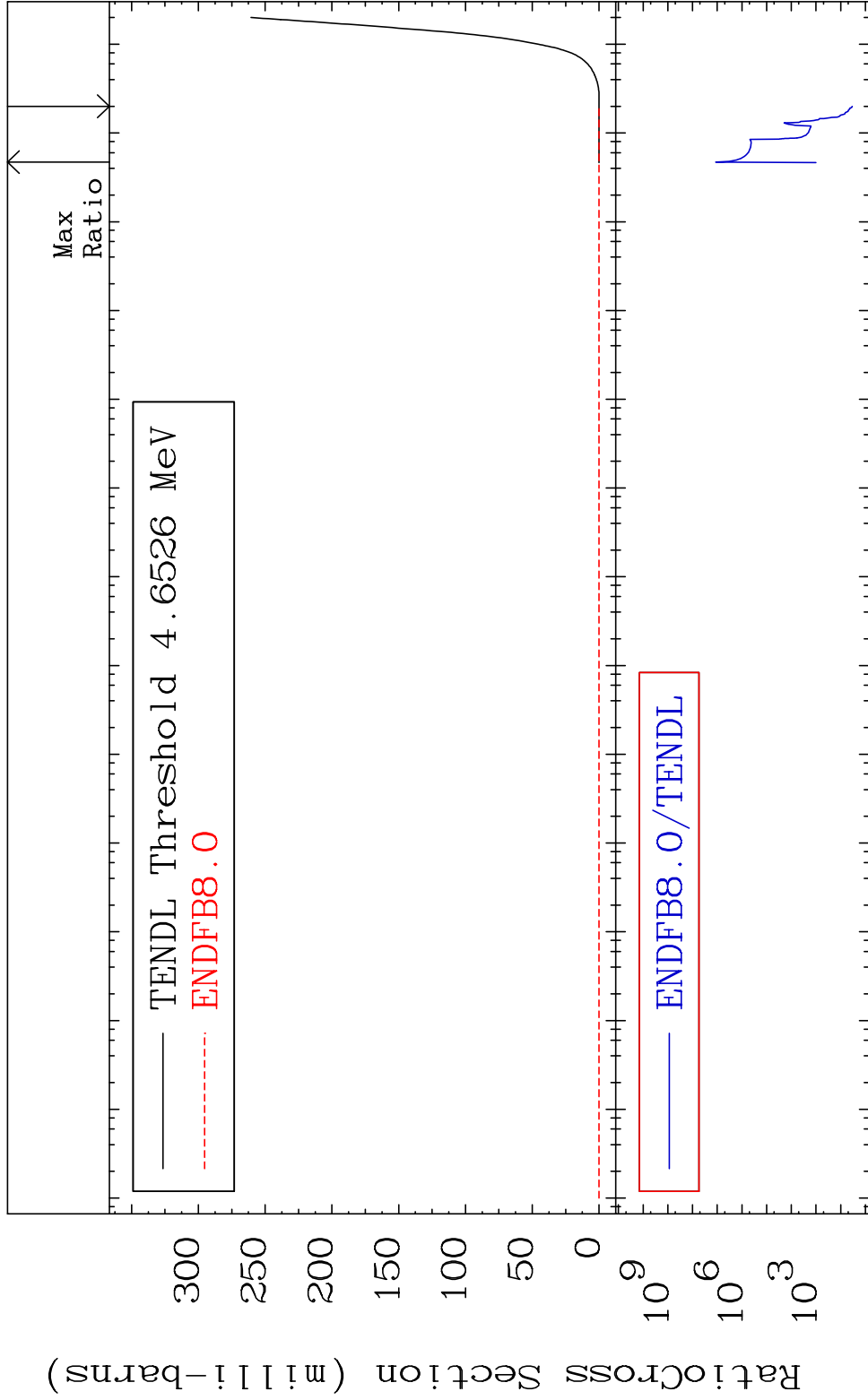
83-Bi-210m

MAT 8329

He-3 Production

83-Bi-210m

Cross Section 3322. To 9999. %

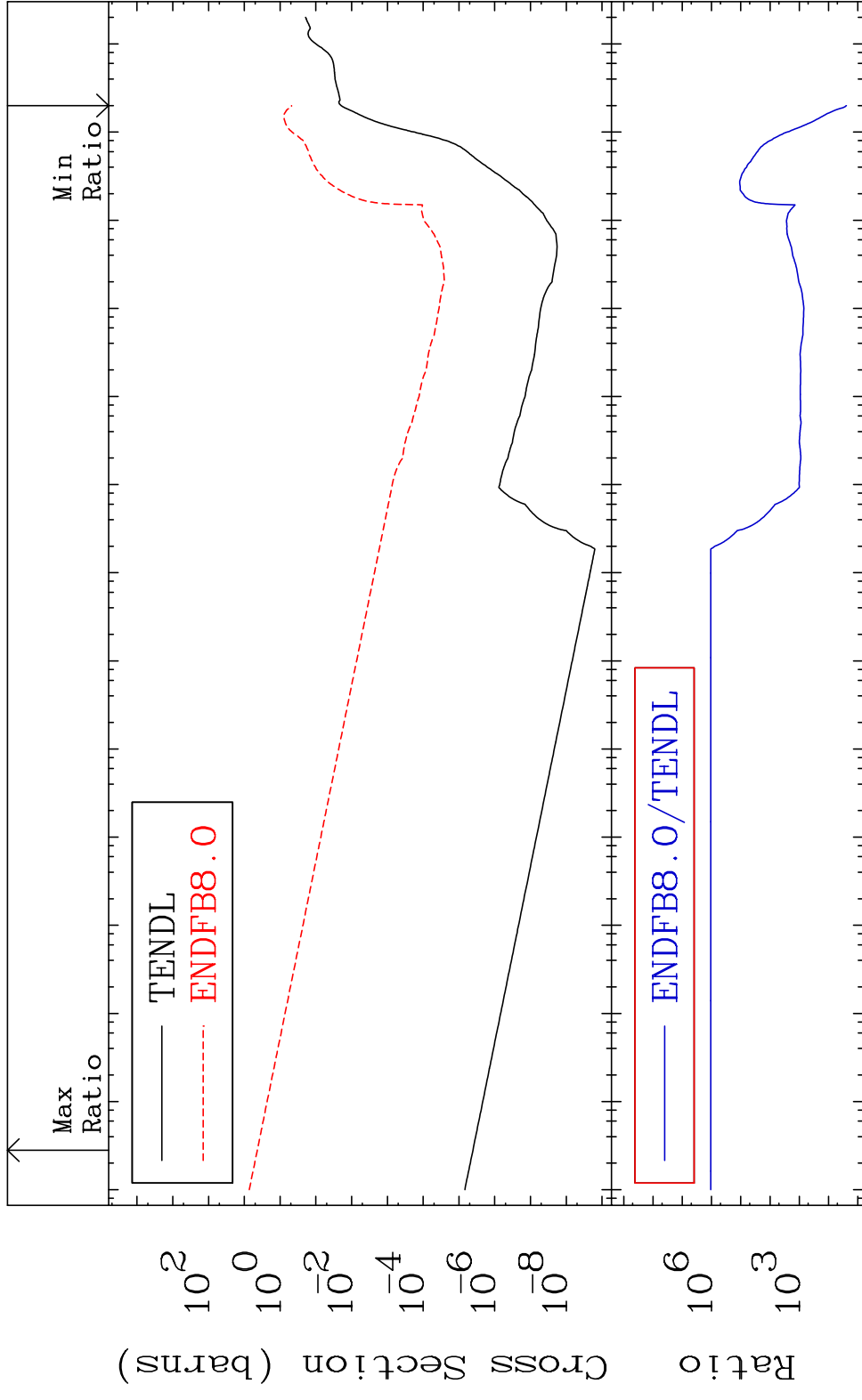


42

Incident Energy (eV)

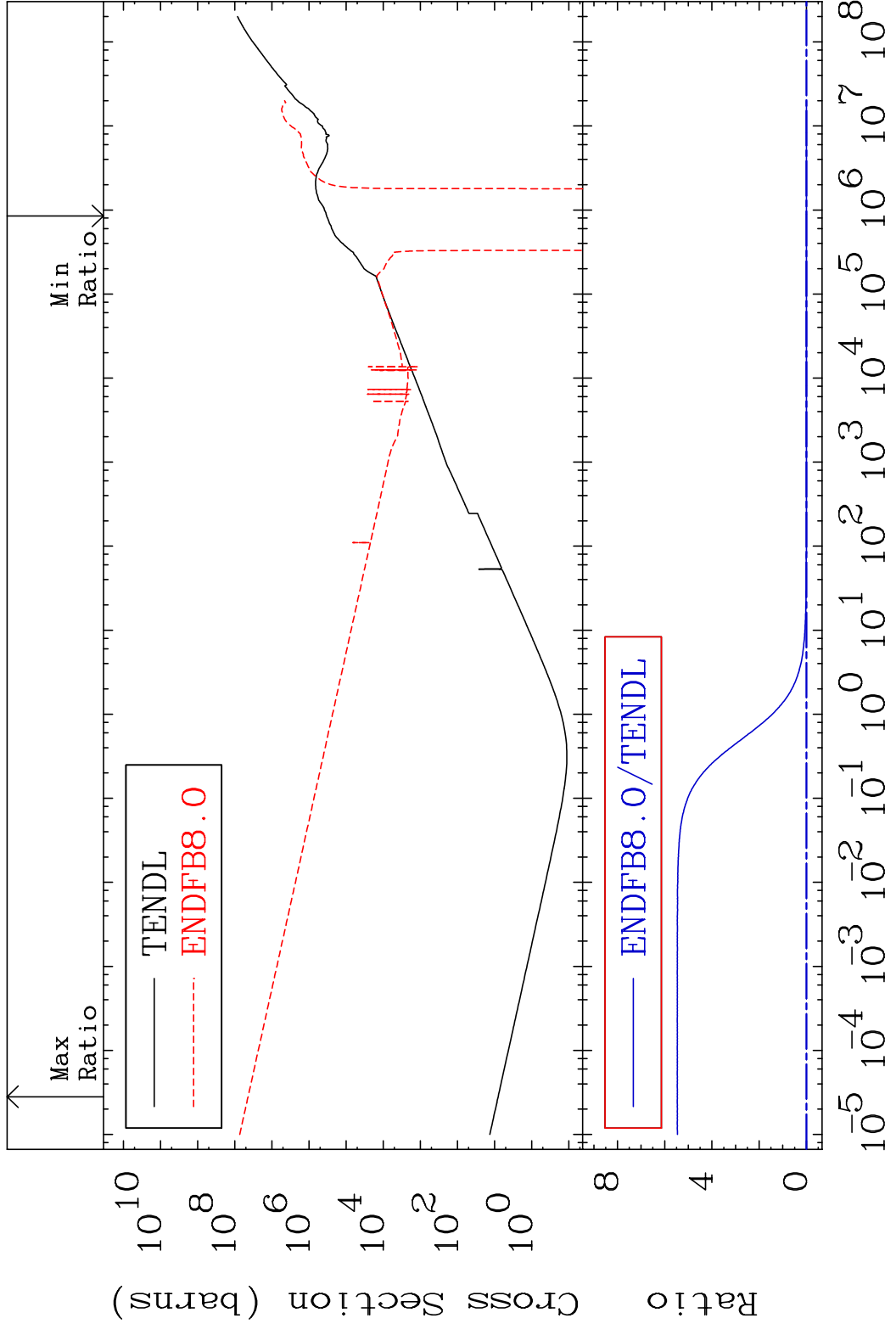
83-Bi-210m

MAT 8329 He-4 Production 83-Bi-210m
 Cross Section 2344. To 9999. %



43 Incident Energy (eV) 83-Bi-210m

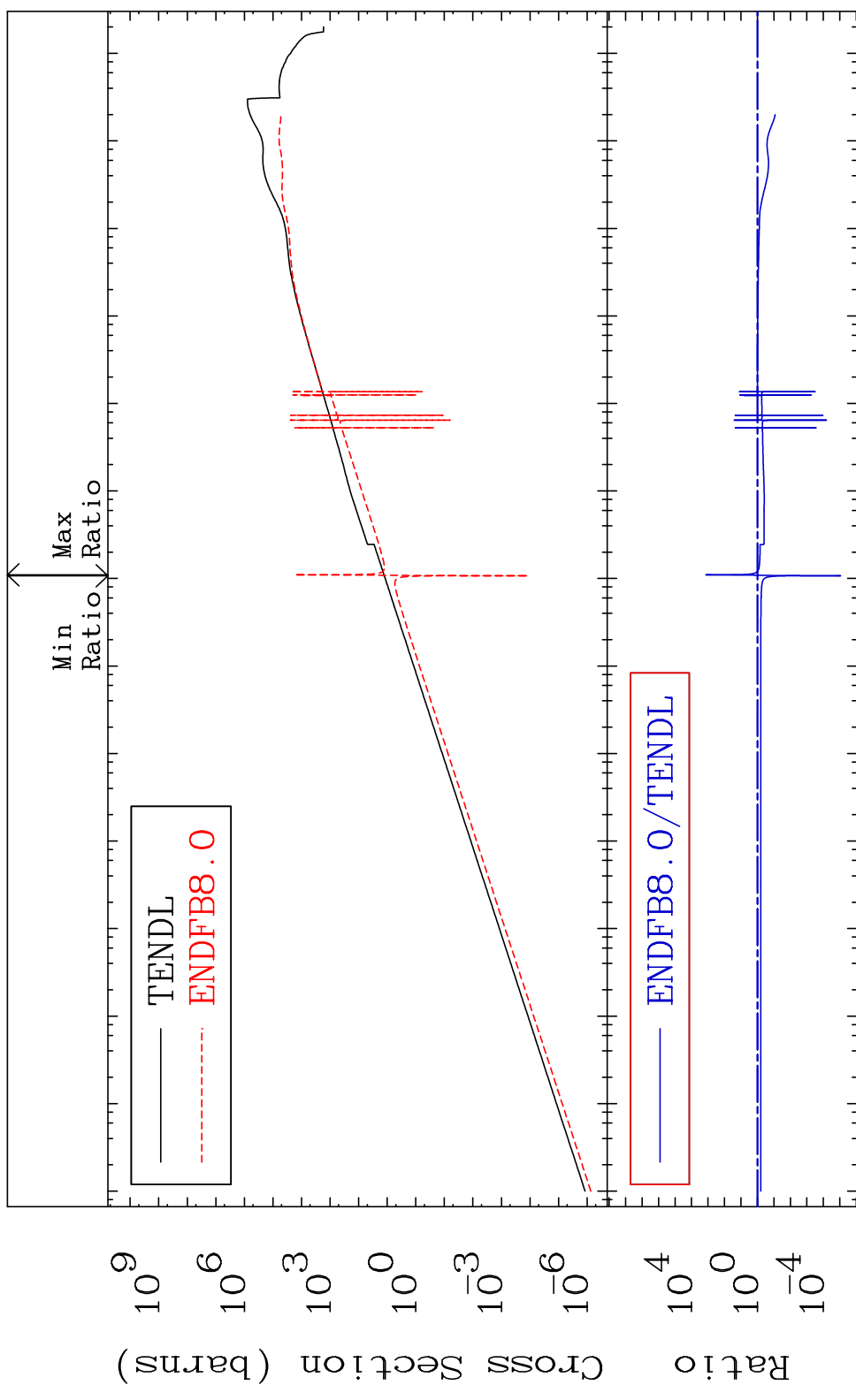
MAT 8329 Kerma total (eV-barns) 83-Bi-210m
 Cross Section -138.4 To 9999. %



44 Incident Energy (eV) 83-Bi-210m

MAT 8329

Kerma elastic Cross Section -100.0 To 9999. %
83-Bi-210m

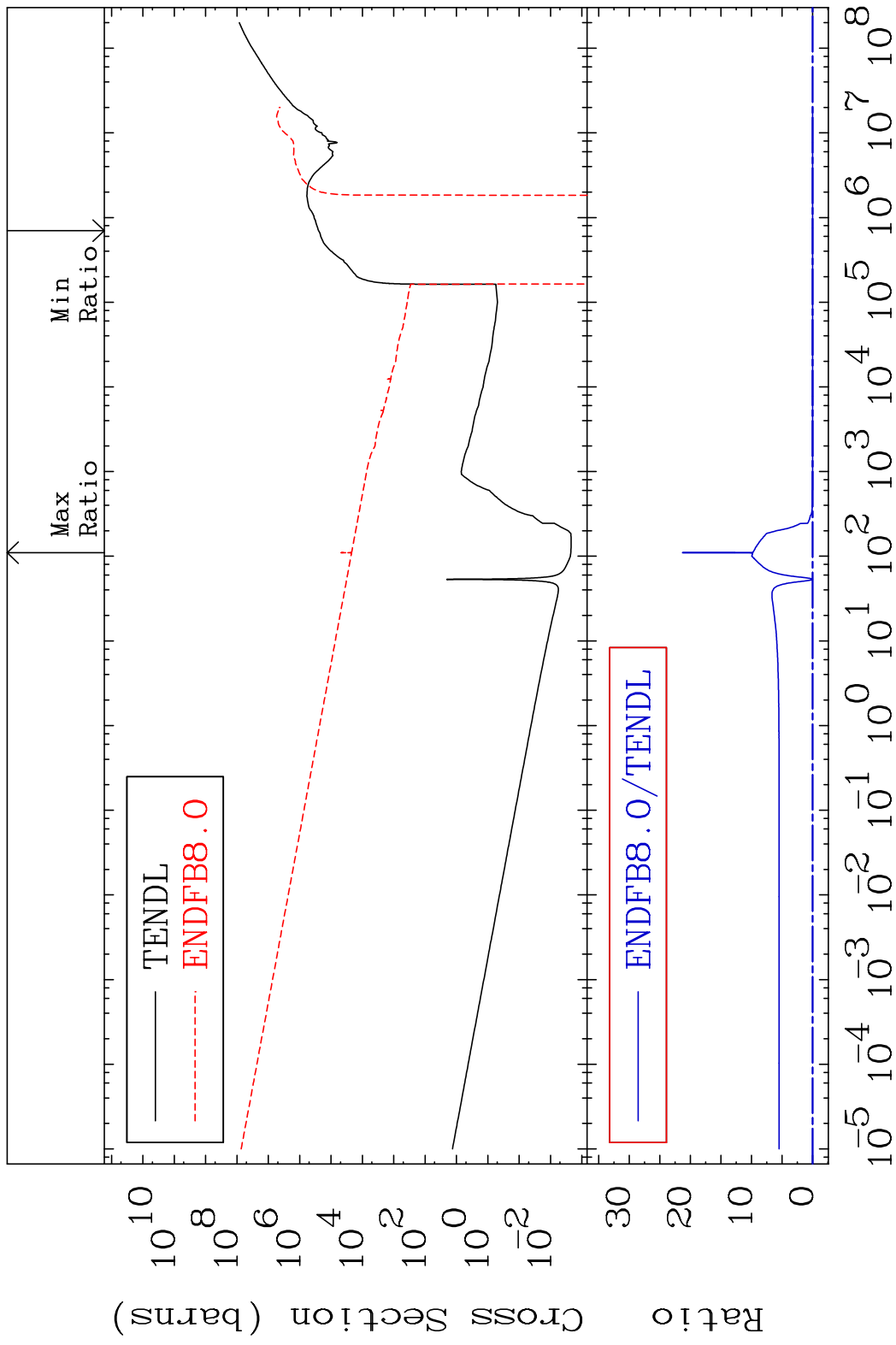


45

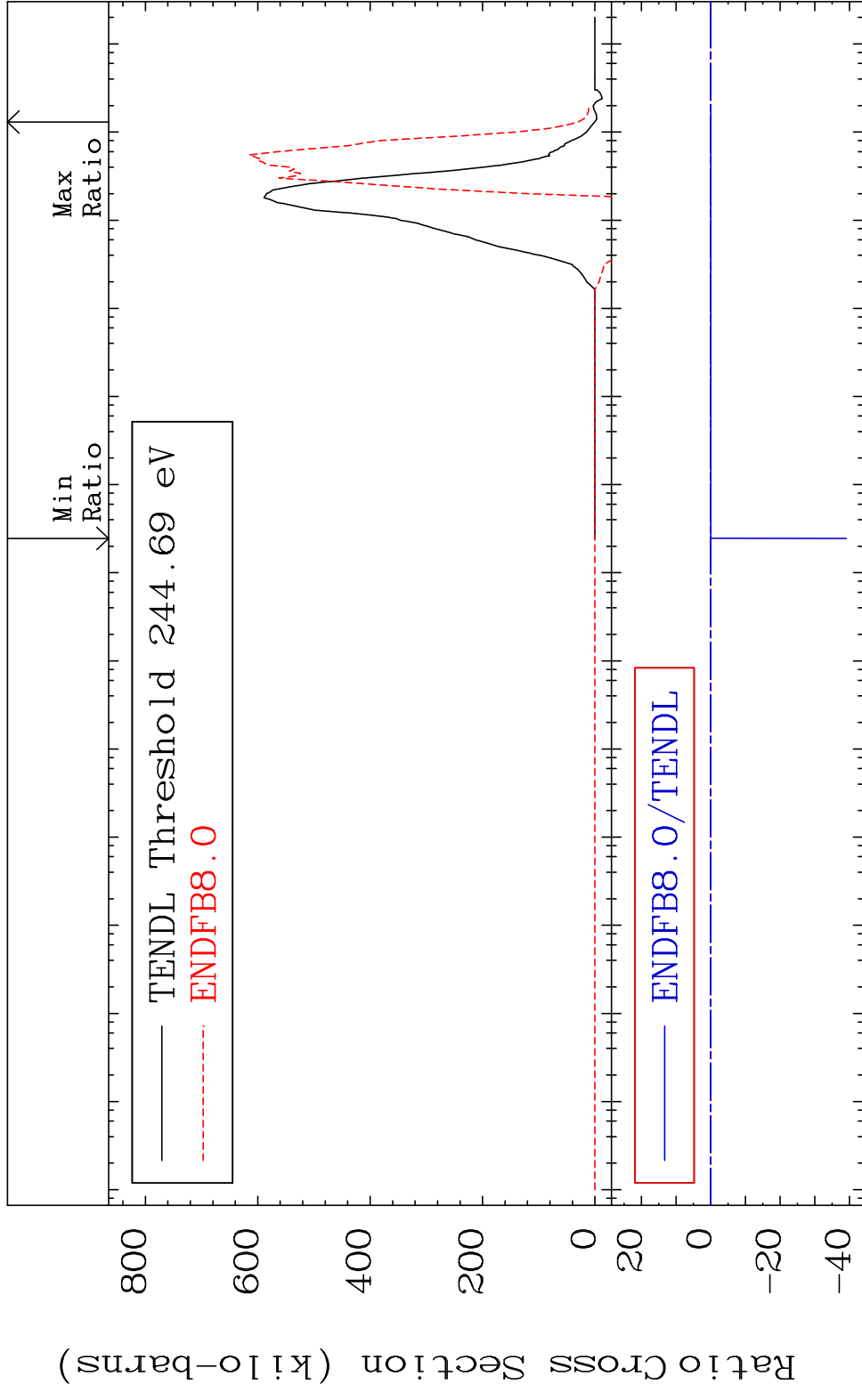
Incident Energy (eV)

83-Bi-210m

MAT 8329 Kerma non-elastic (all but mt2) 83-Bi-210m
 Cross Section -152.3 To 9999. %

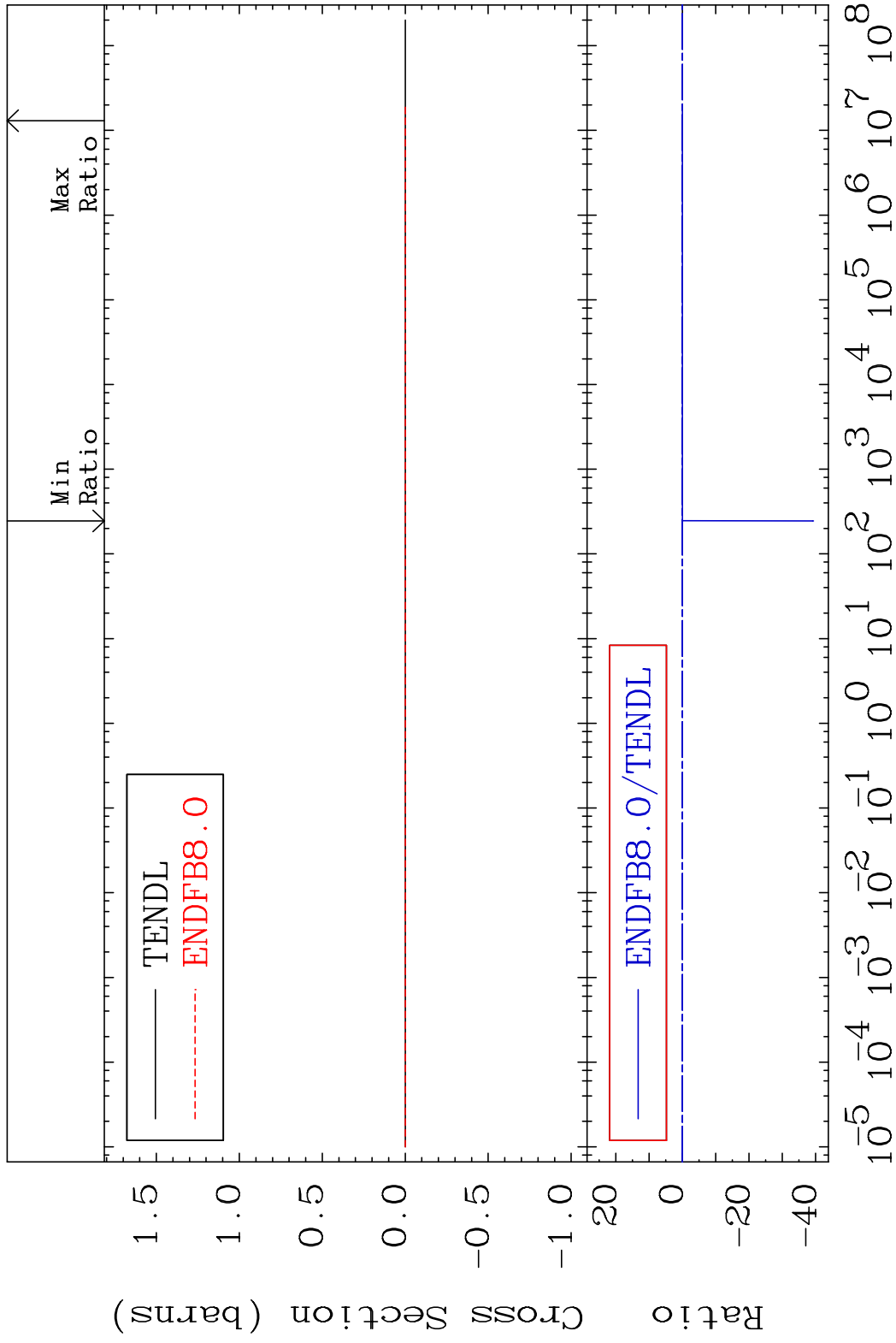


MAT 8329 Kerma inelastic (mt51-91) 83-Bi-210m
 Cross Section -9999. To 4852. %

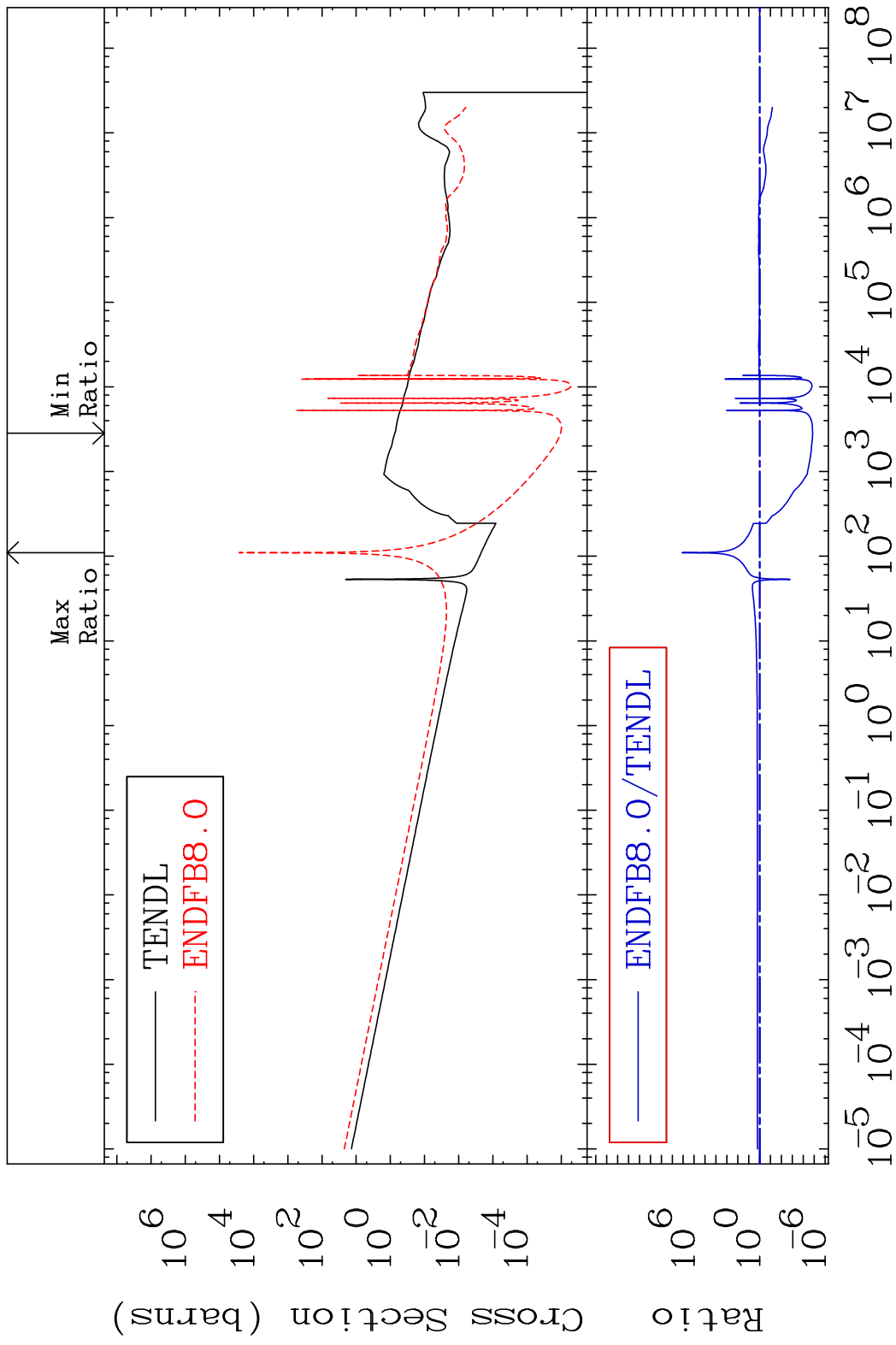


47 Incident Energy (eV) 83-Bi-210m

MAT 8329 Kerma fission (mt18 or mt19-20-21-38) Bi-210m
 Cross Section -9999. To 4852. %

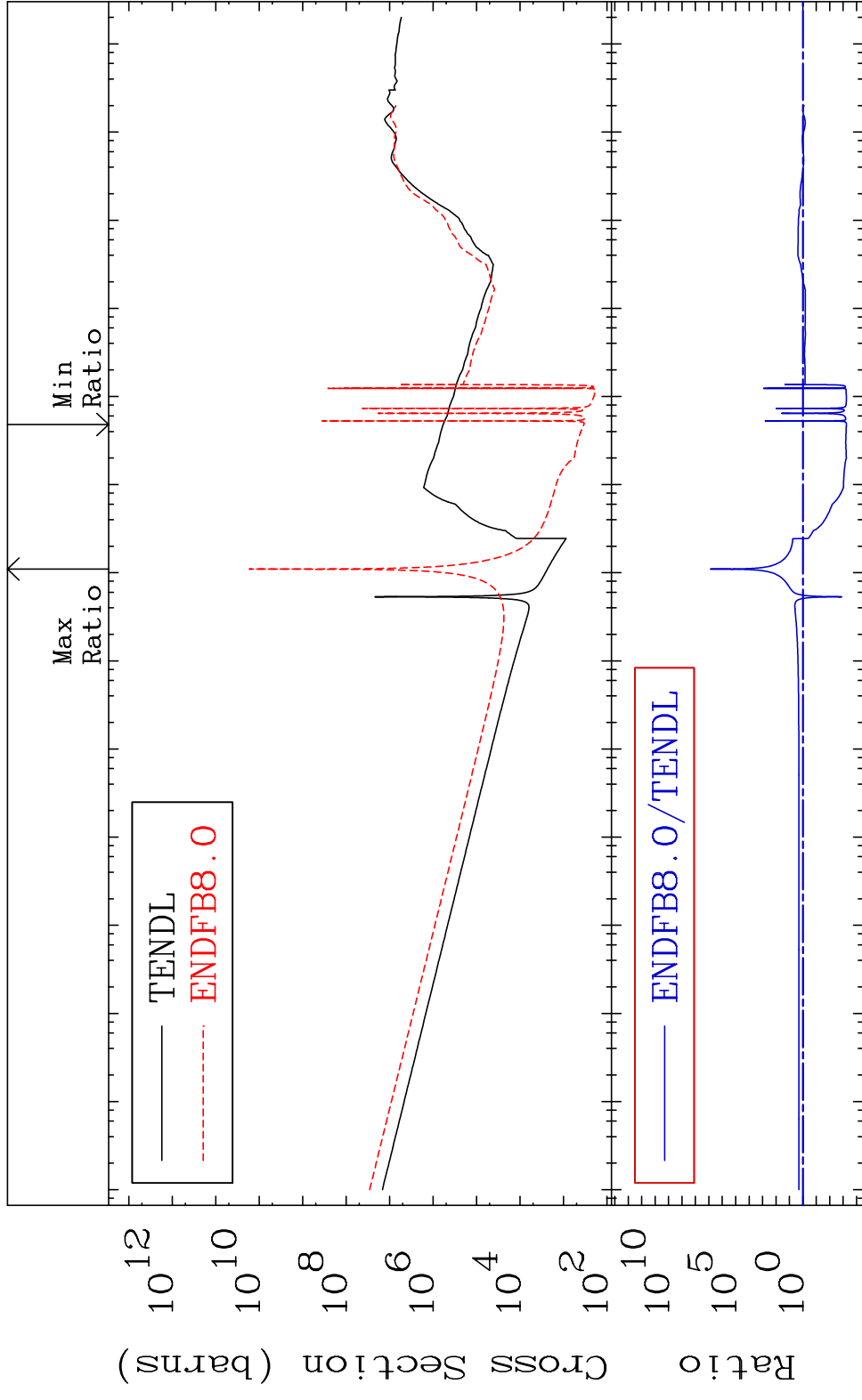


MAT 8329 Kerma capture (mt102) 83-Bi-210m
 Cross Section -100.0 To 9999. %



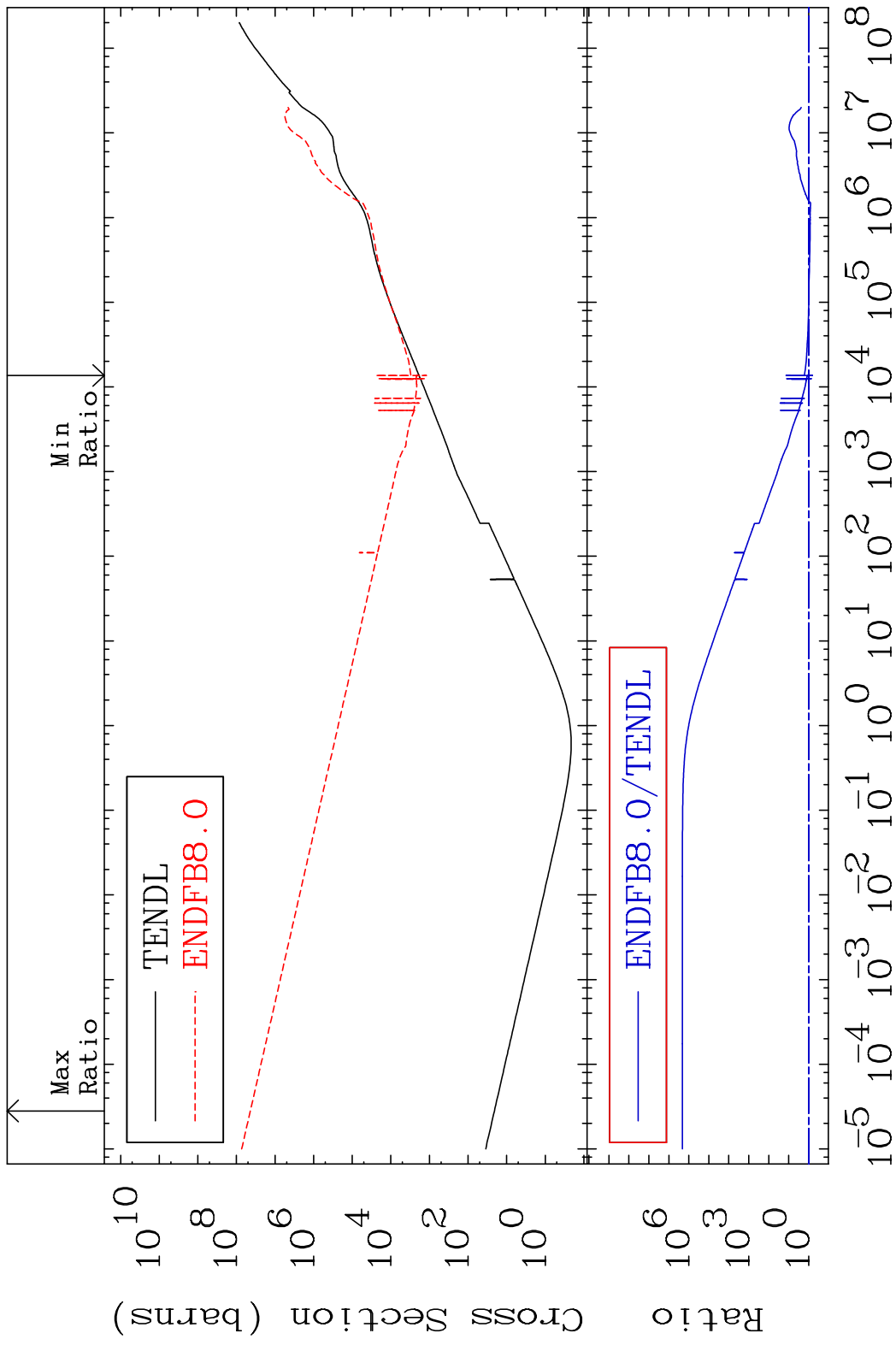
49 Incident Energy (eV) 83-Bi-210m

MAT 8329 Total photon (eV-barns) 83-Bi-210m
 Cross Section -99.94 To 9999. %



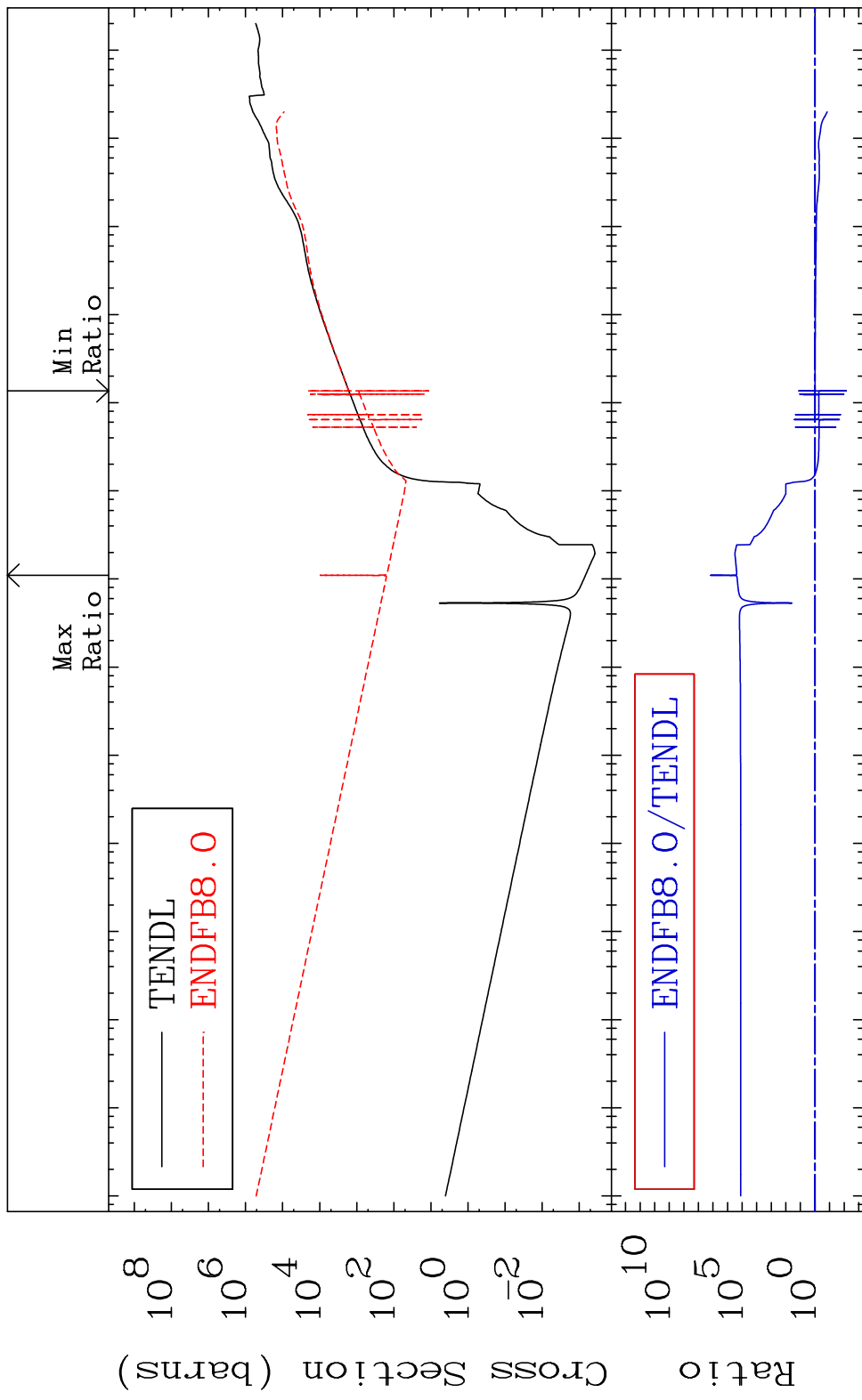
50 Incident Energy (eV) 83-Bi-210m

MAT 8329 Total kinematic kerma (high limit)83-Bi-210m
 Cross Section -36.16 To 9999. %



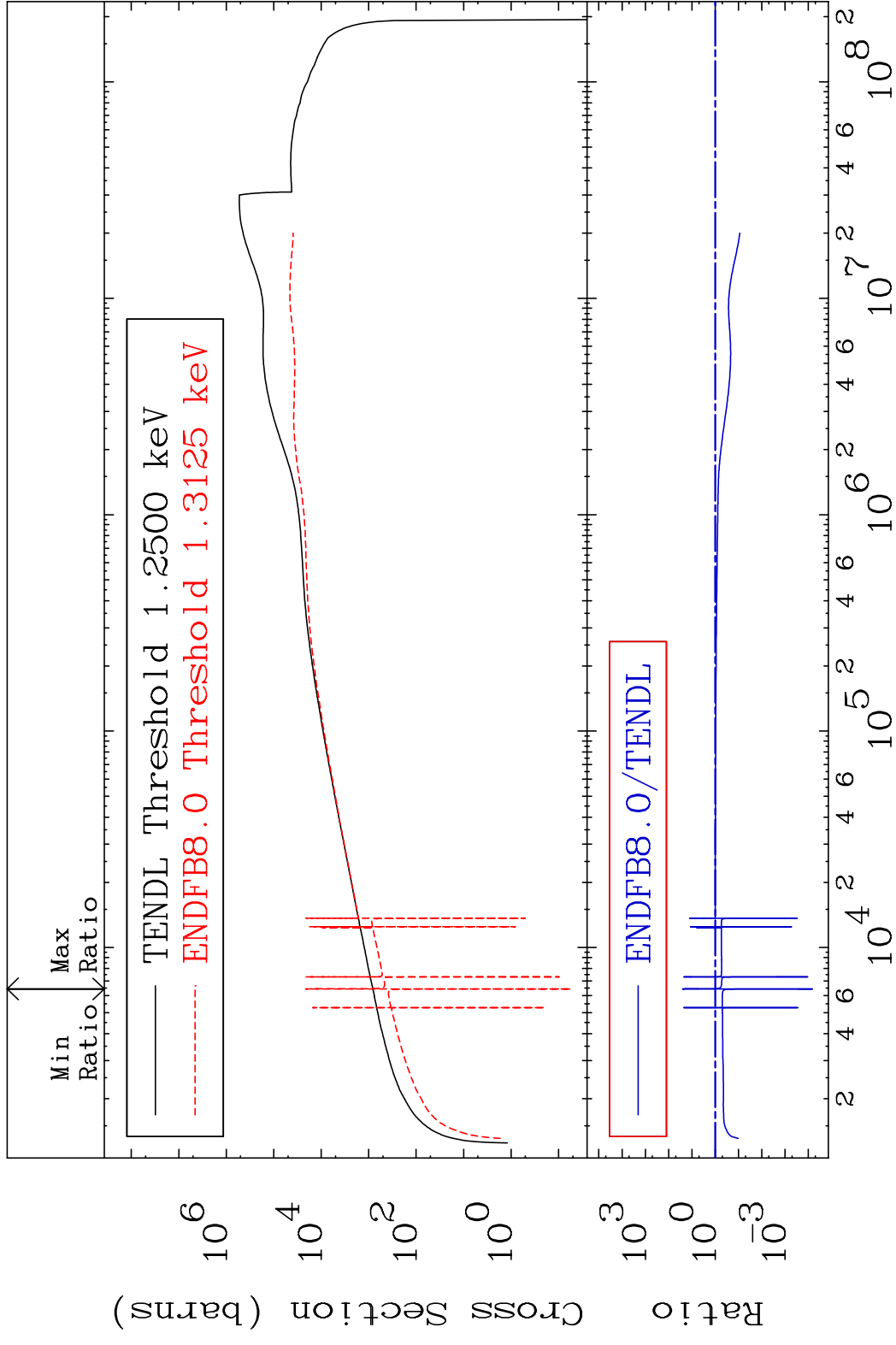
51 Incident Energy (eV) 83-Bi-210m

MAT 8329 Dpa total (eV-barns) 83-Bi-210m
 Cross Section -99.29 To 9999. %

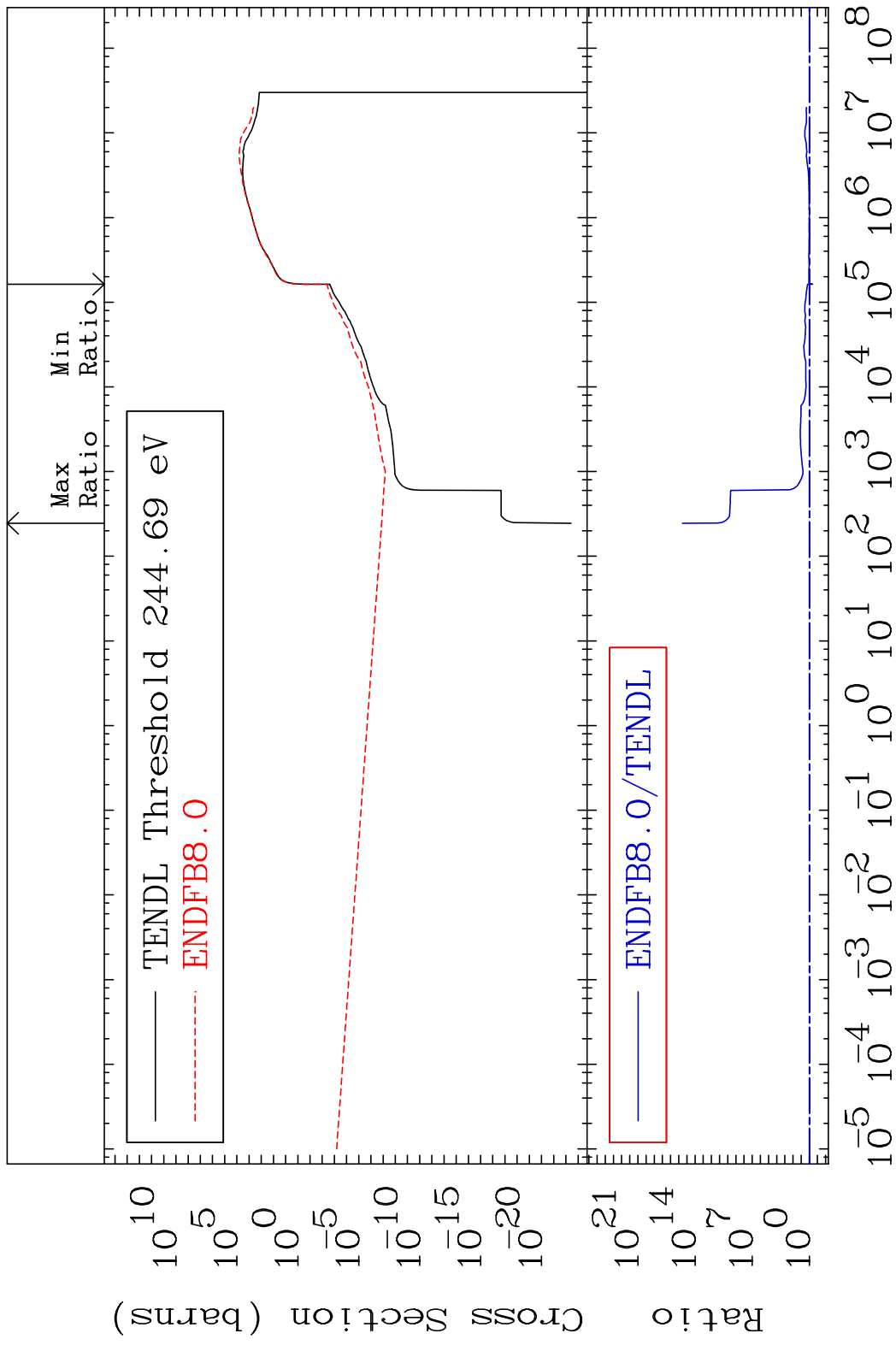


MAT 8329

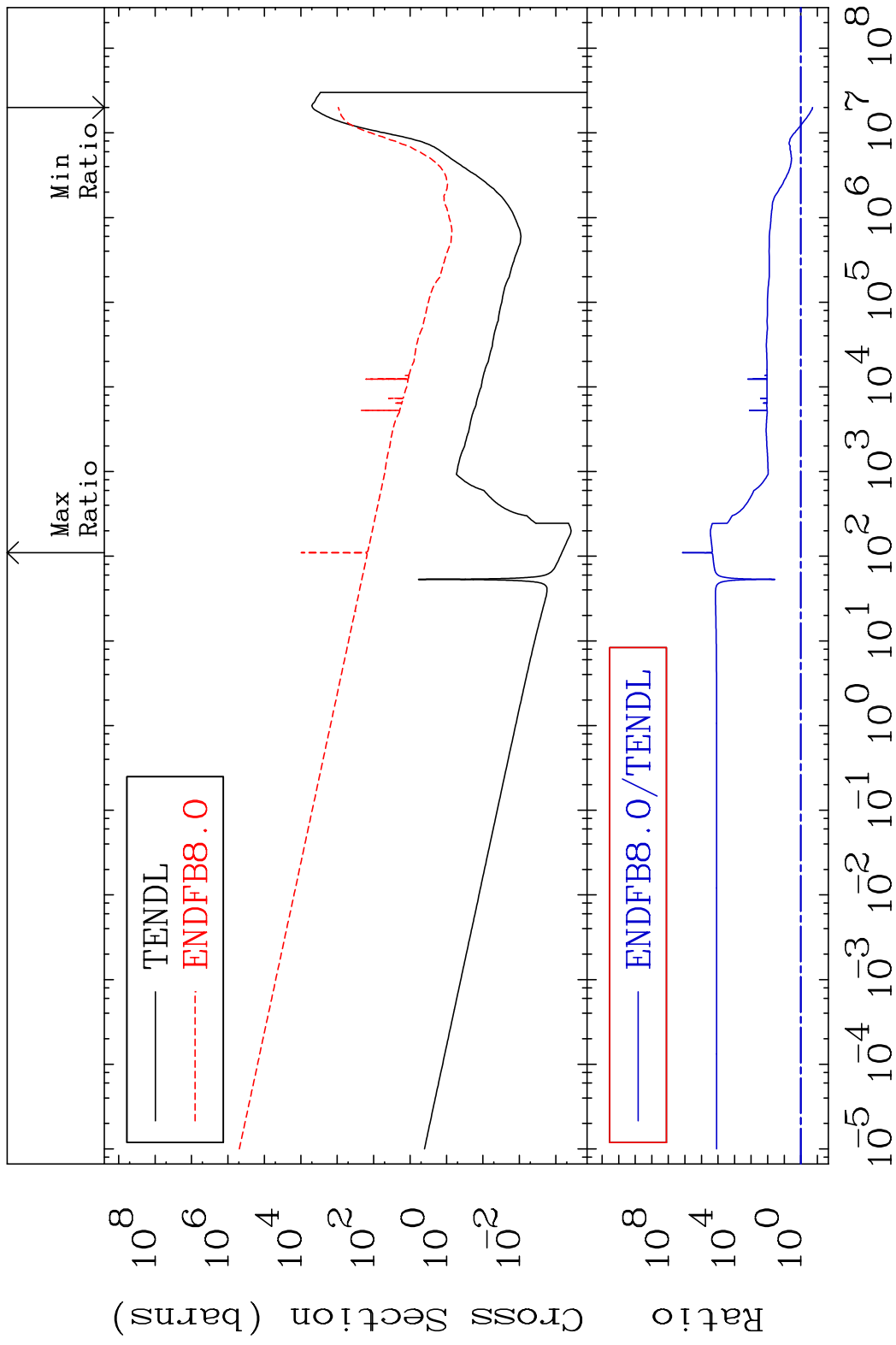
Dpa elastic (mt2) 83-Bi-210m
Cross Section -99.99 To 2483. %



MAT 8329 Dpa inelastic (mt51-91) 83-Bi-210m
 Cross Section -59.58 To 9999. %

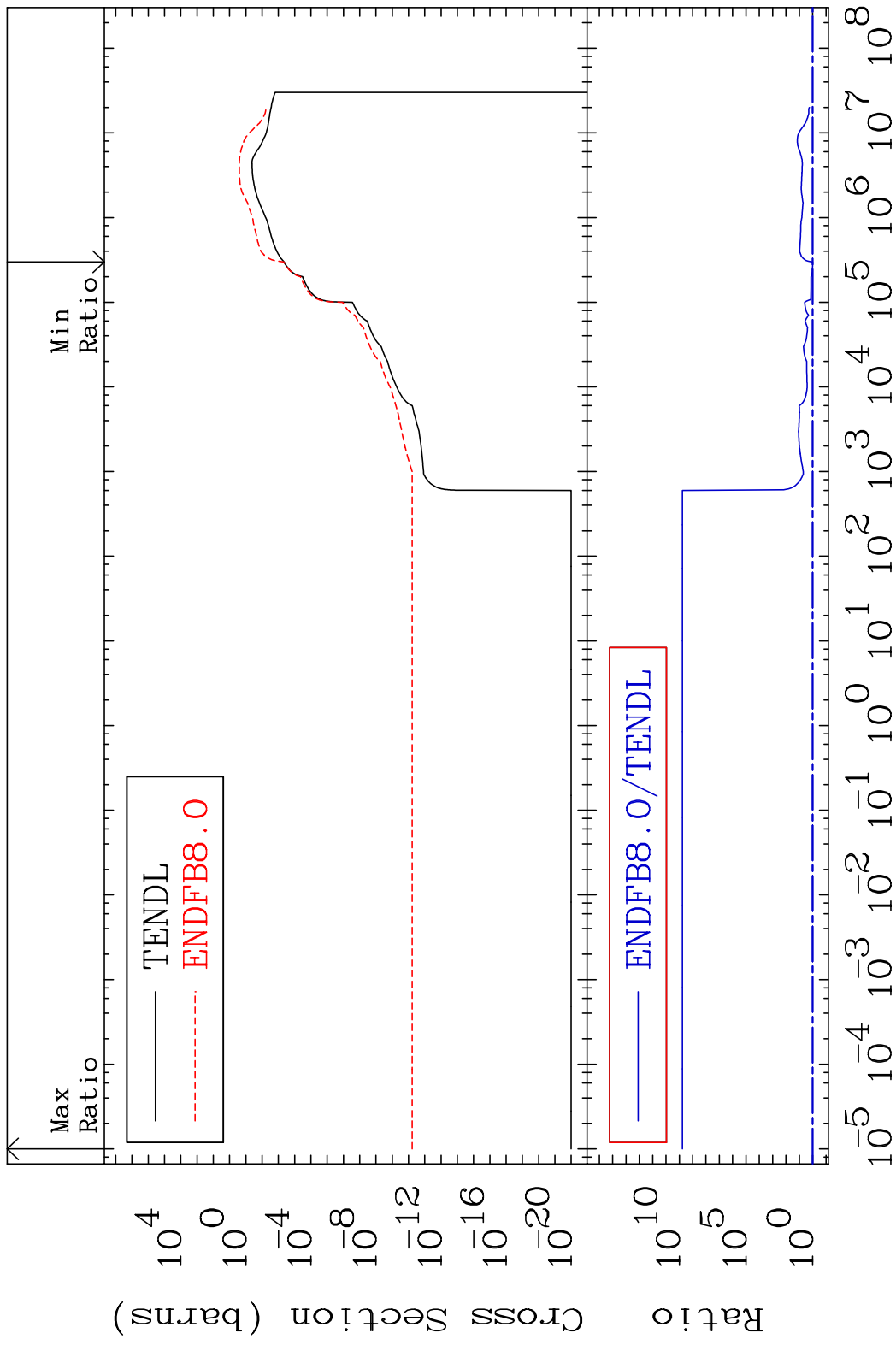


MAT 8329 Dpa disappearance (mt102 -120) 83-Bi-210m
 Cross Section -80.53 To 9999. %

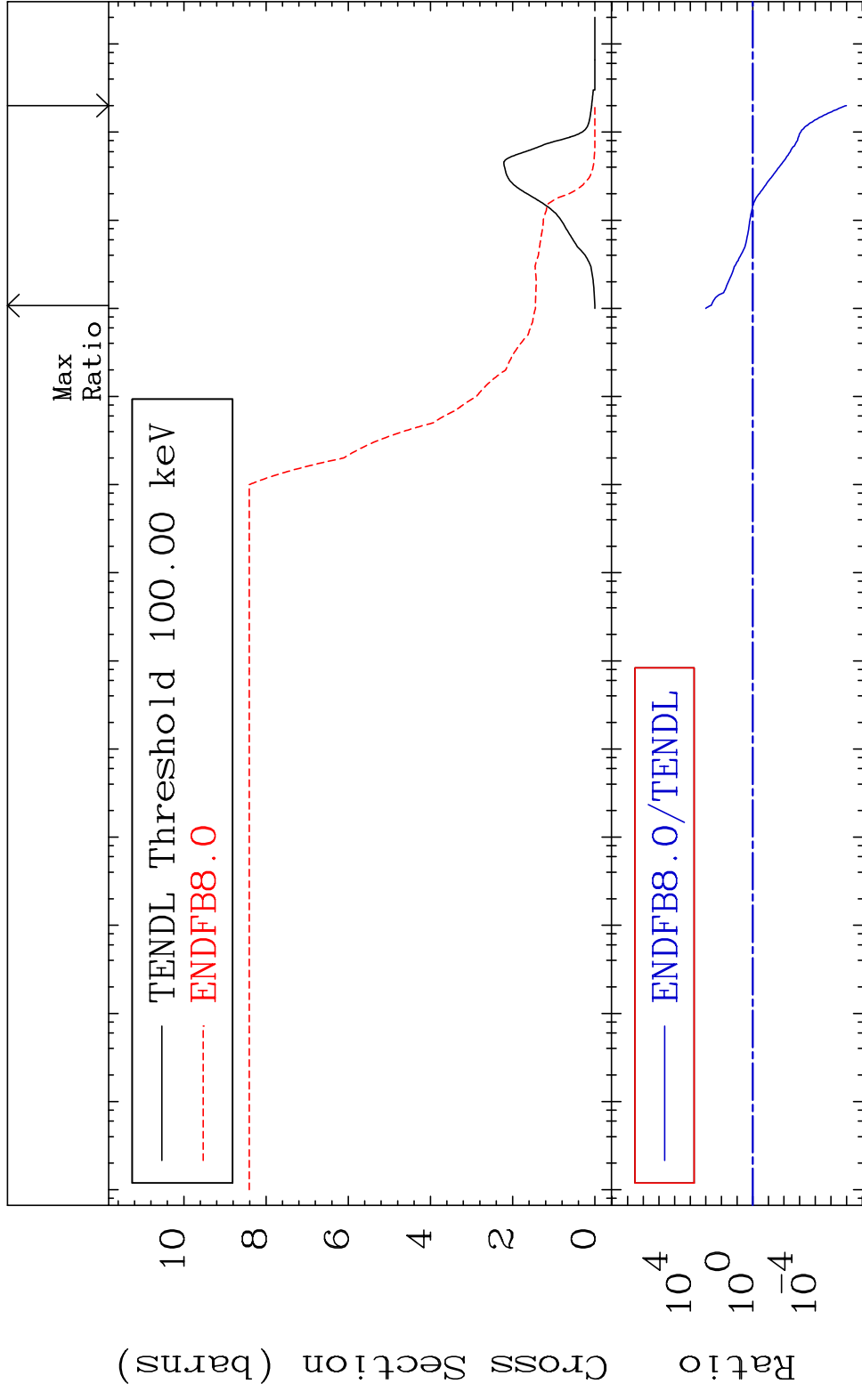


55 Incident Energy (eV) 83-Bi-210m

MAT 8329 Inelastic:83-Bi-210g 83-Bi-210m
 Radionuclide Production Cross Section 9999. %



56 Incident Energy (eV) 83-Bi-210m



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