

Program Complot
(Version 2021-1)

by

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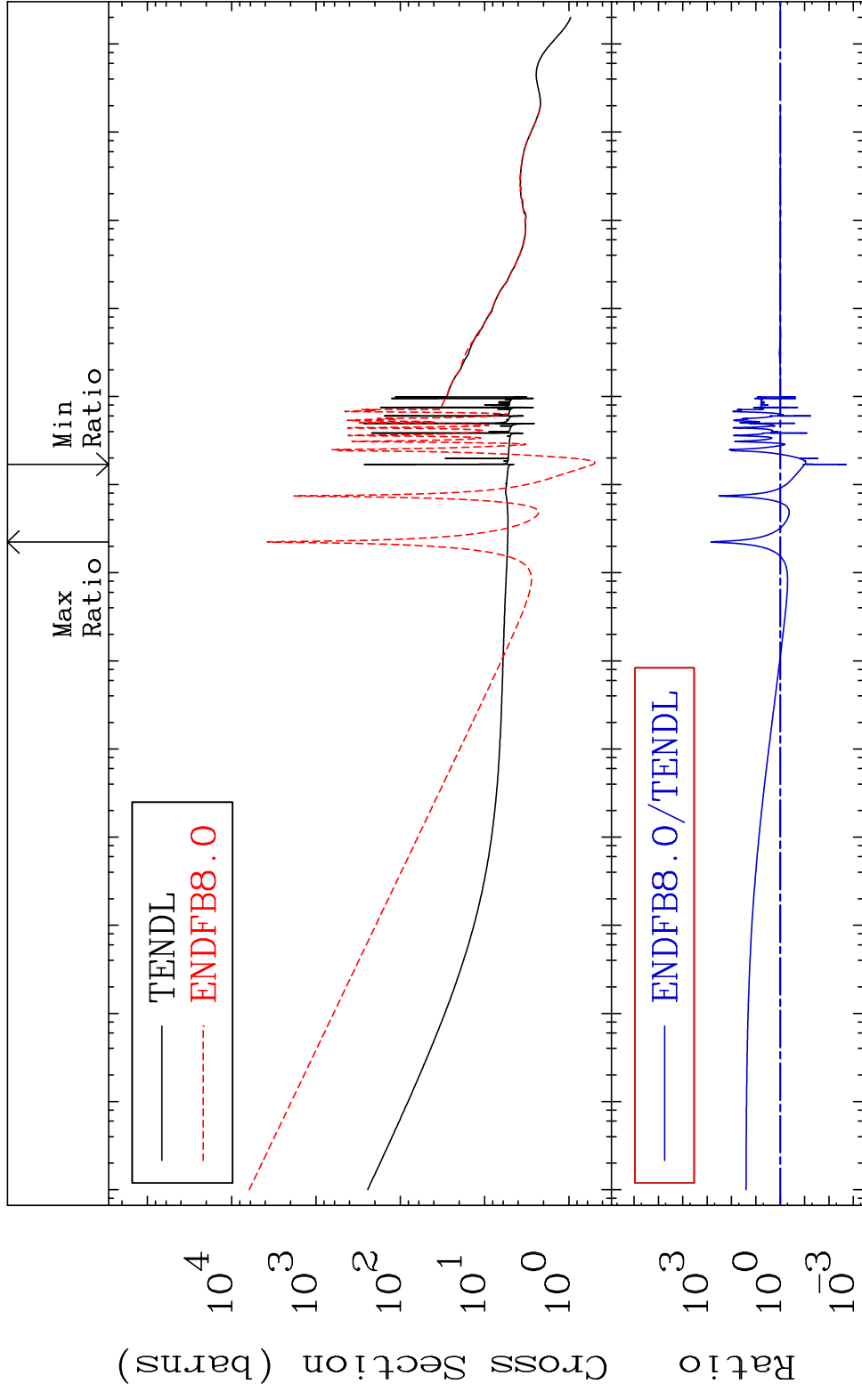
Press Mouse Button to Start

MAT 2322

23-V -49

Total

Cross Section -99.81 To 9999. %



10⁴
10³
10²
10¹
10⁰
10⁻³
10⁻⁴
10⁻⁵

23-V -49

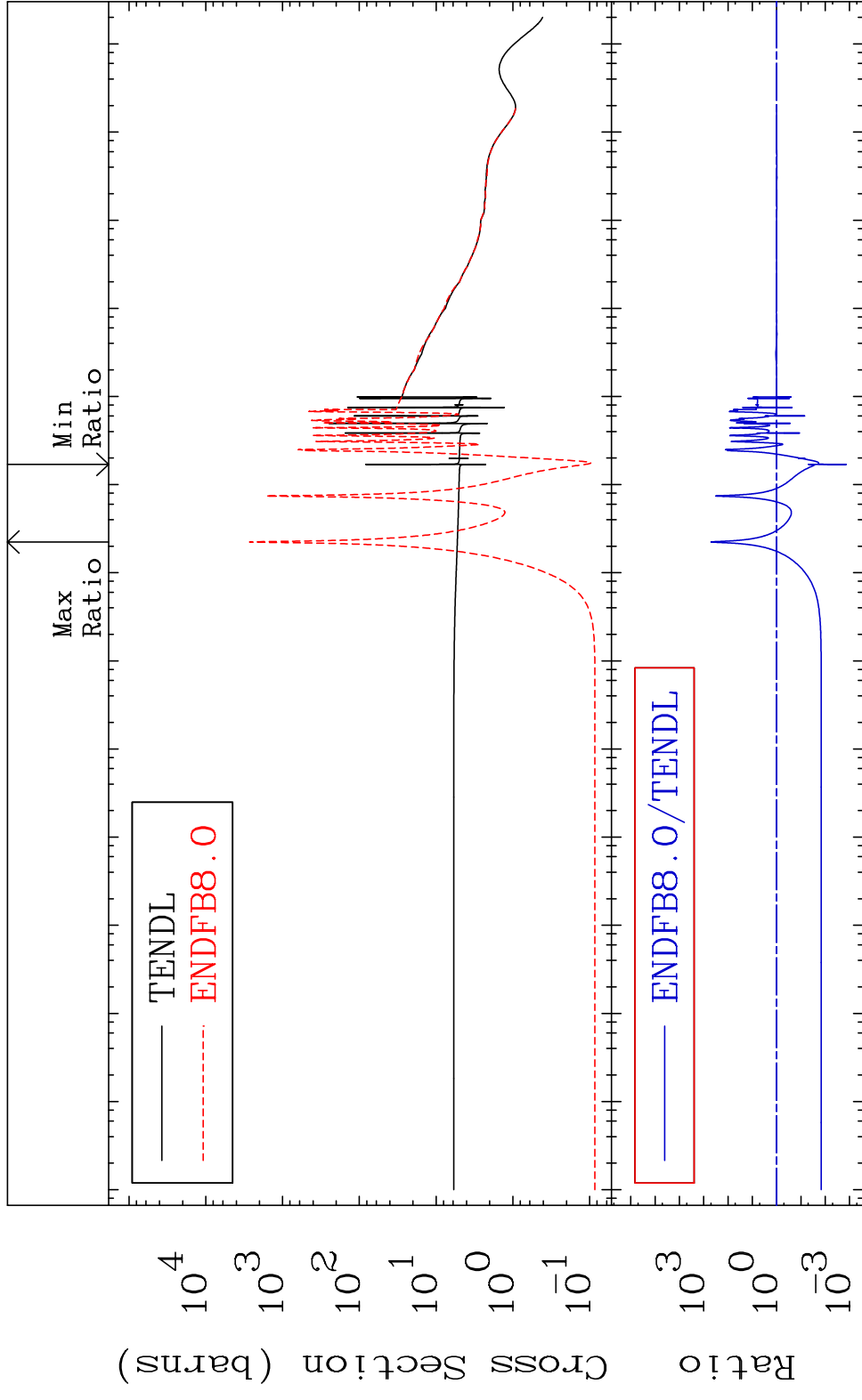
Incident Energy (eV)

MAT 2322

23-V -49

Elastic

Cross Section -99.86 To 9999. %



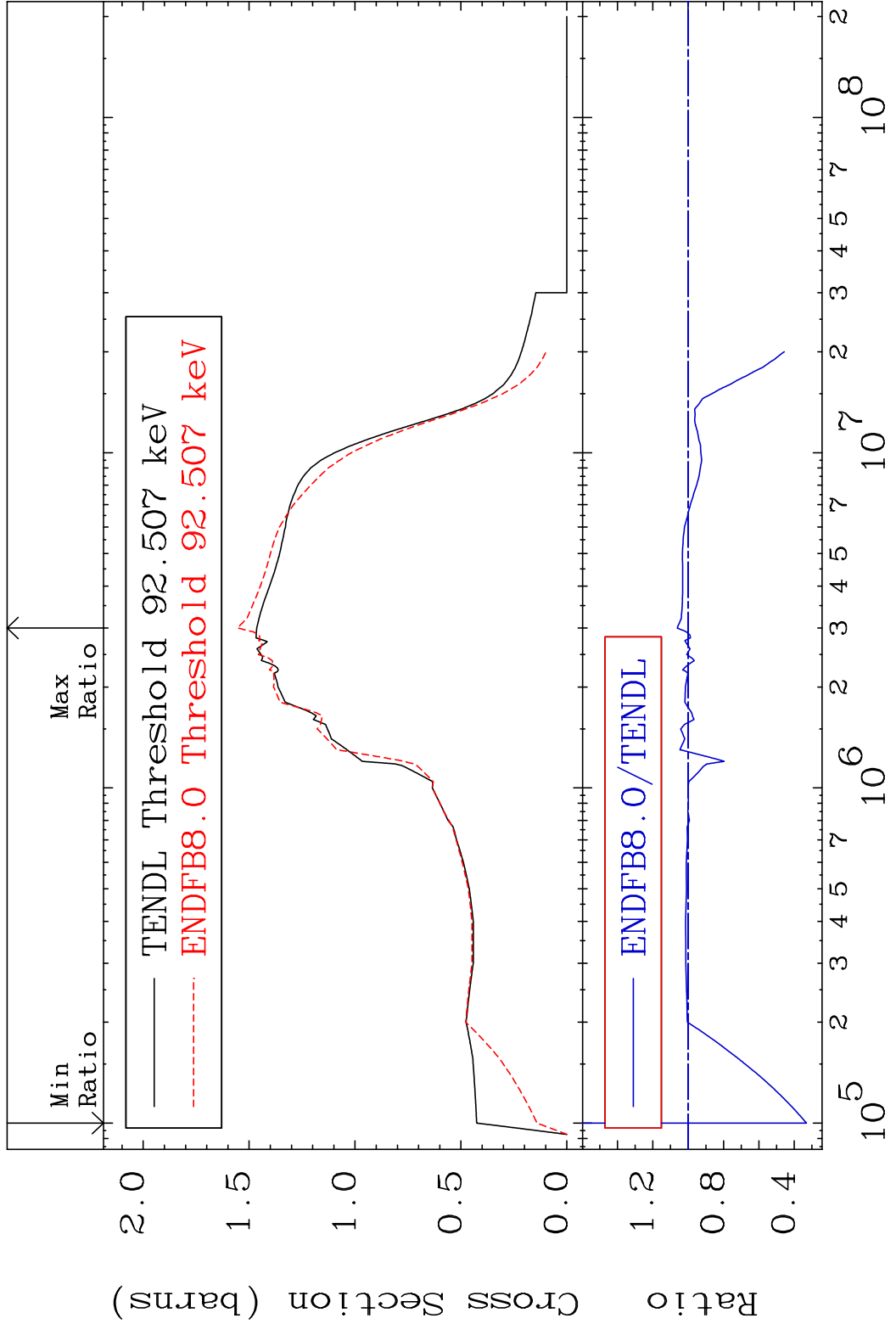
2

Incident Energy (eV)

23-V -49

MAT 2322

Inelastic Cross Section -66.85 To 6.218 %
23-V -49



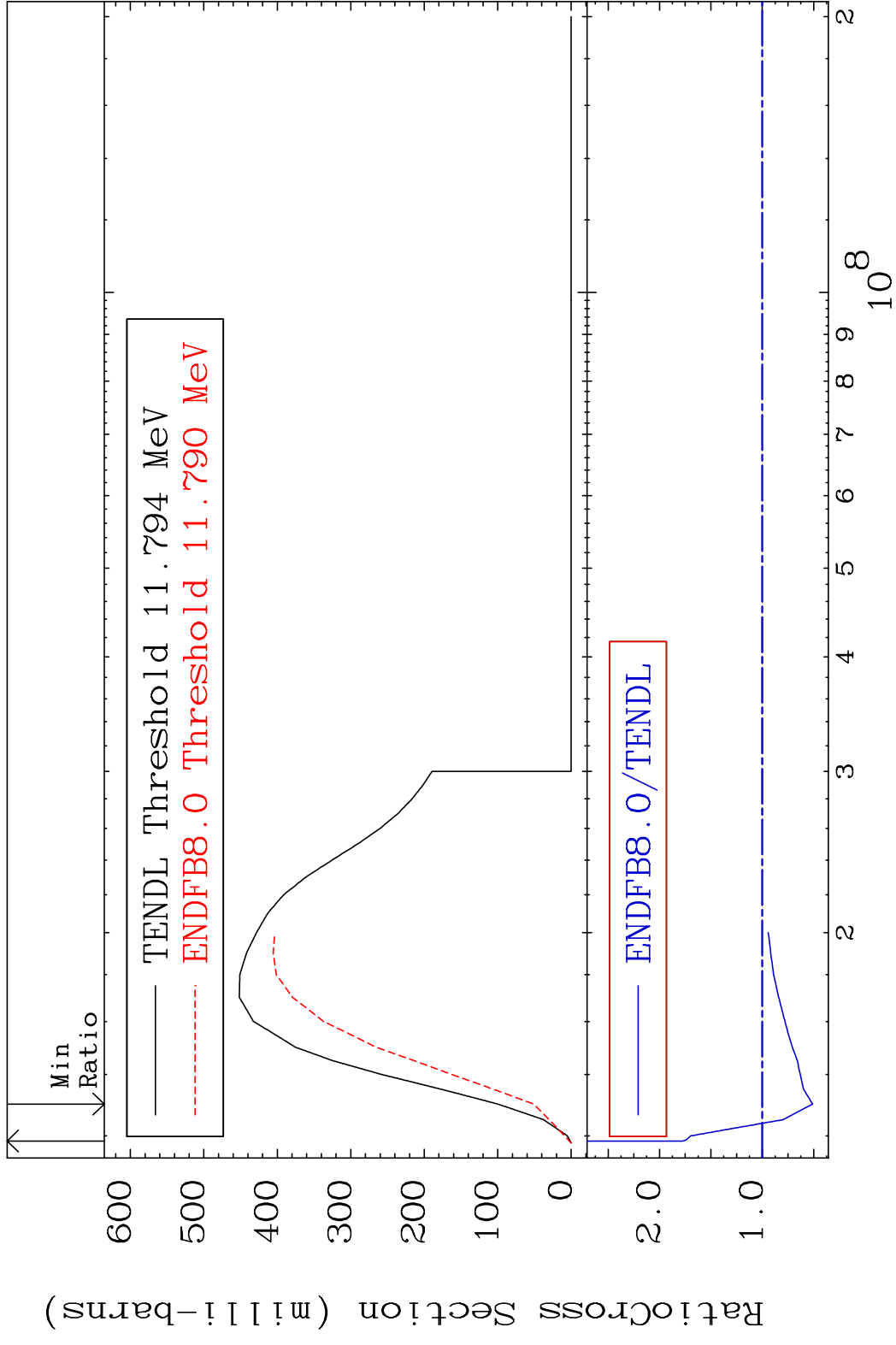
3 Incident Energy (eV) 23-V -49

MAT 2322

(n,2n)

23-V -49

Cross Section -48.94 To 77.79 %

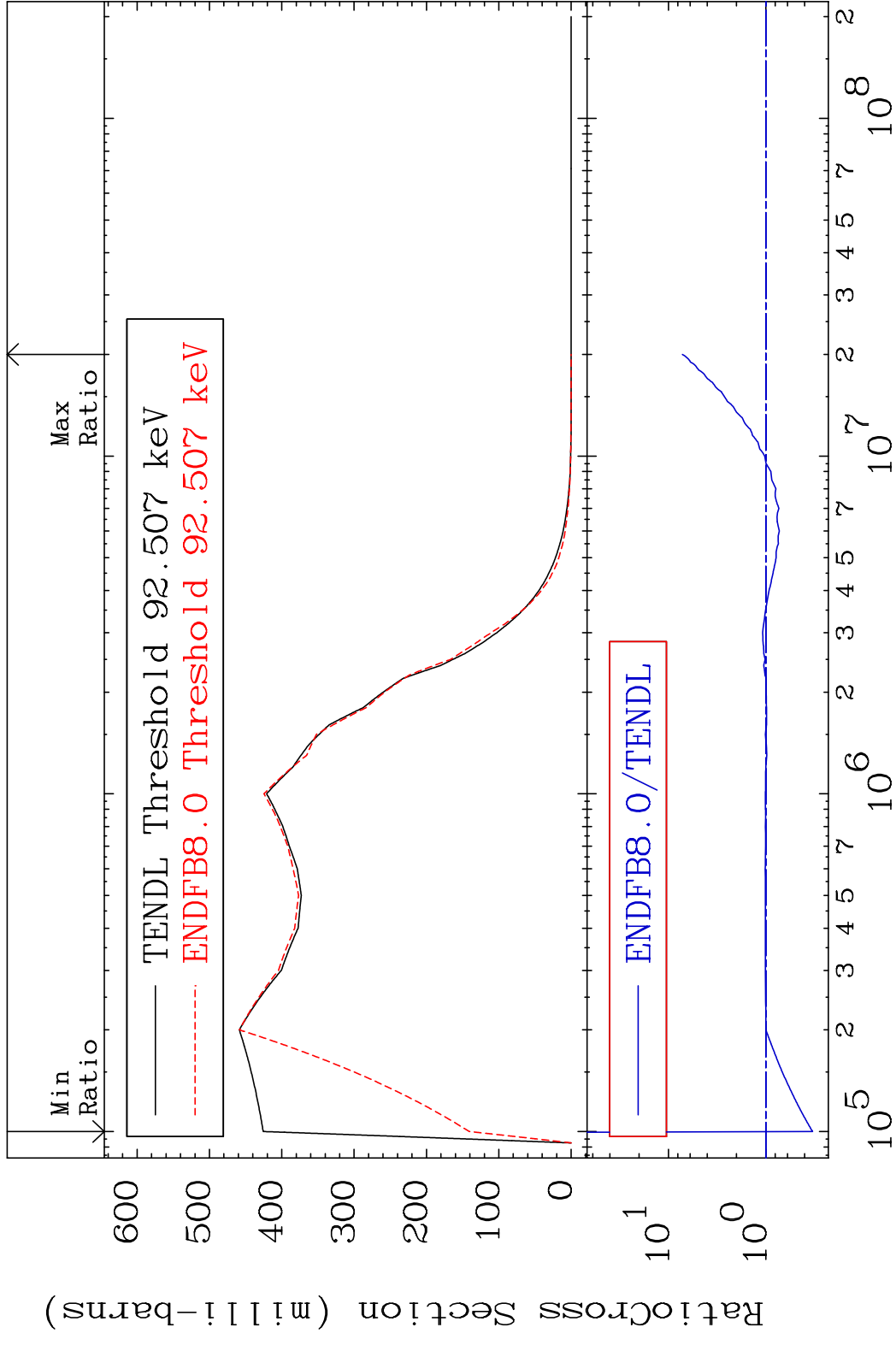


4

Incident Energy (eV)

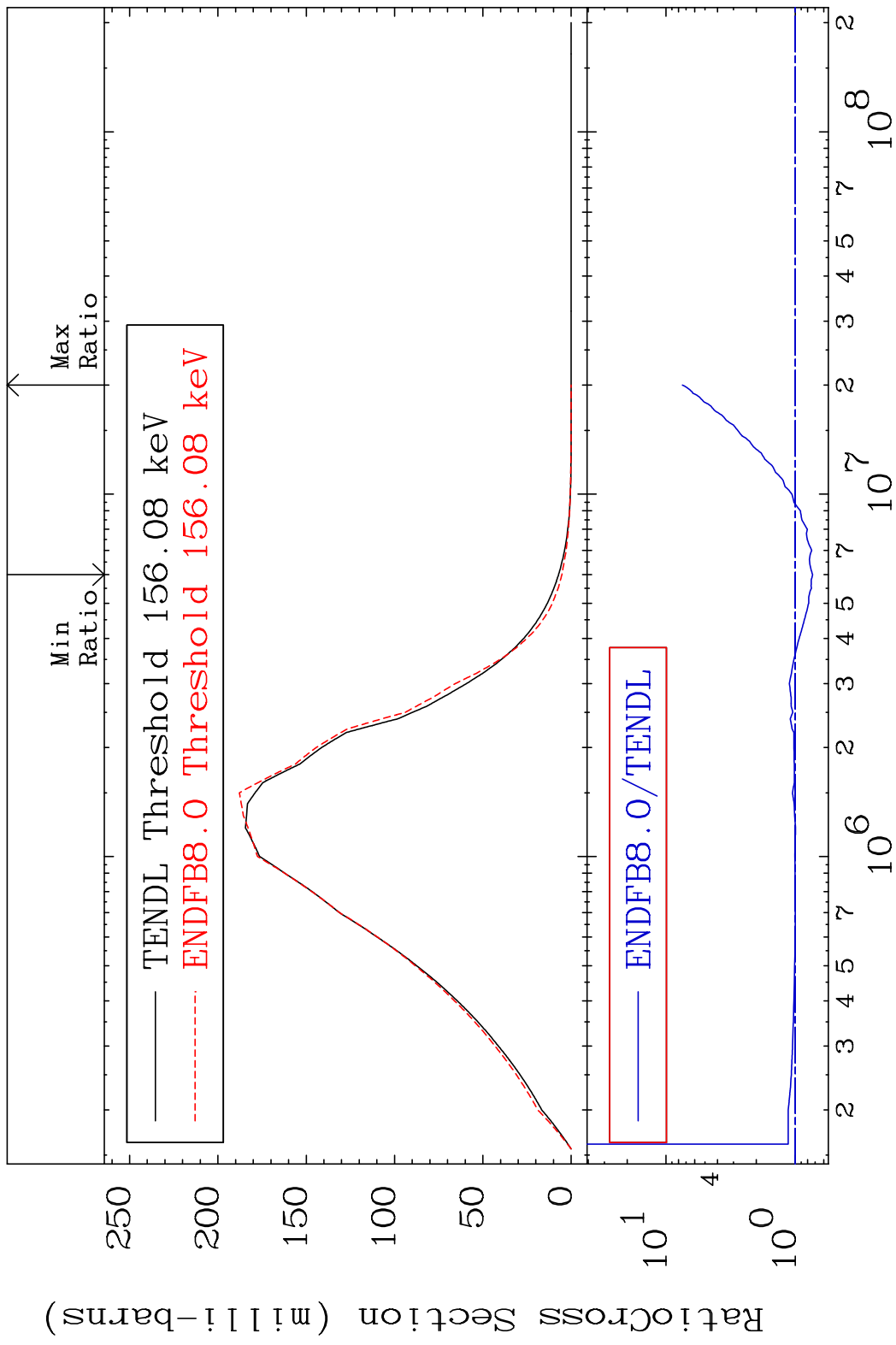
23-V -49

MAT 2322 MT= 51 (n,n') Level 23-V -49
 Cross Section -66.85 To 620.1 %

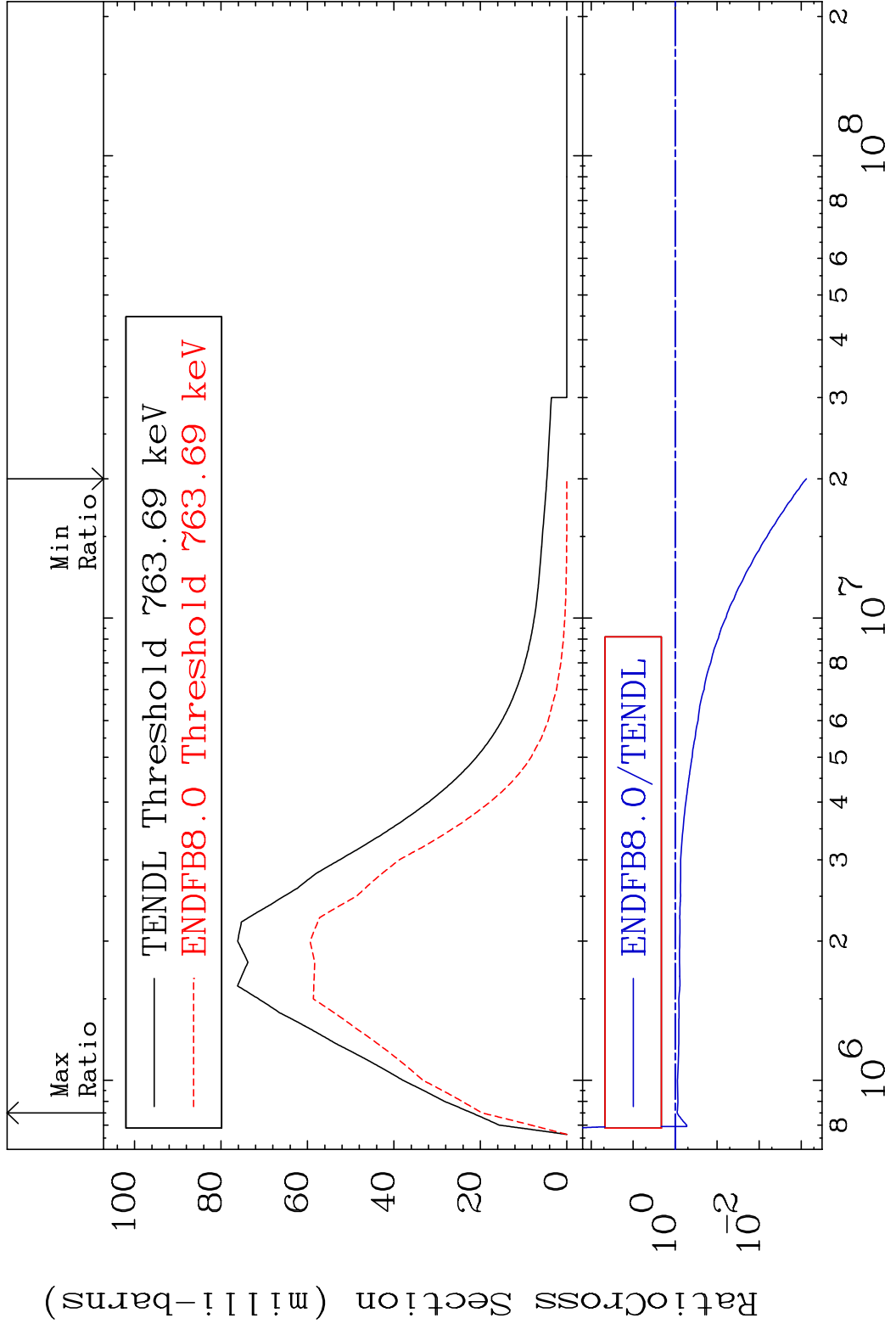


5 Incident Energy (eV) 23-V -49

MAT 2322 MT= 52 (n, n') Level 23-V -49
 Cross Section -26.64 To 647.7 %

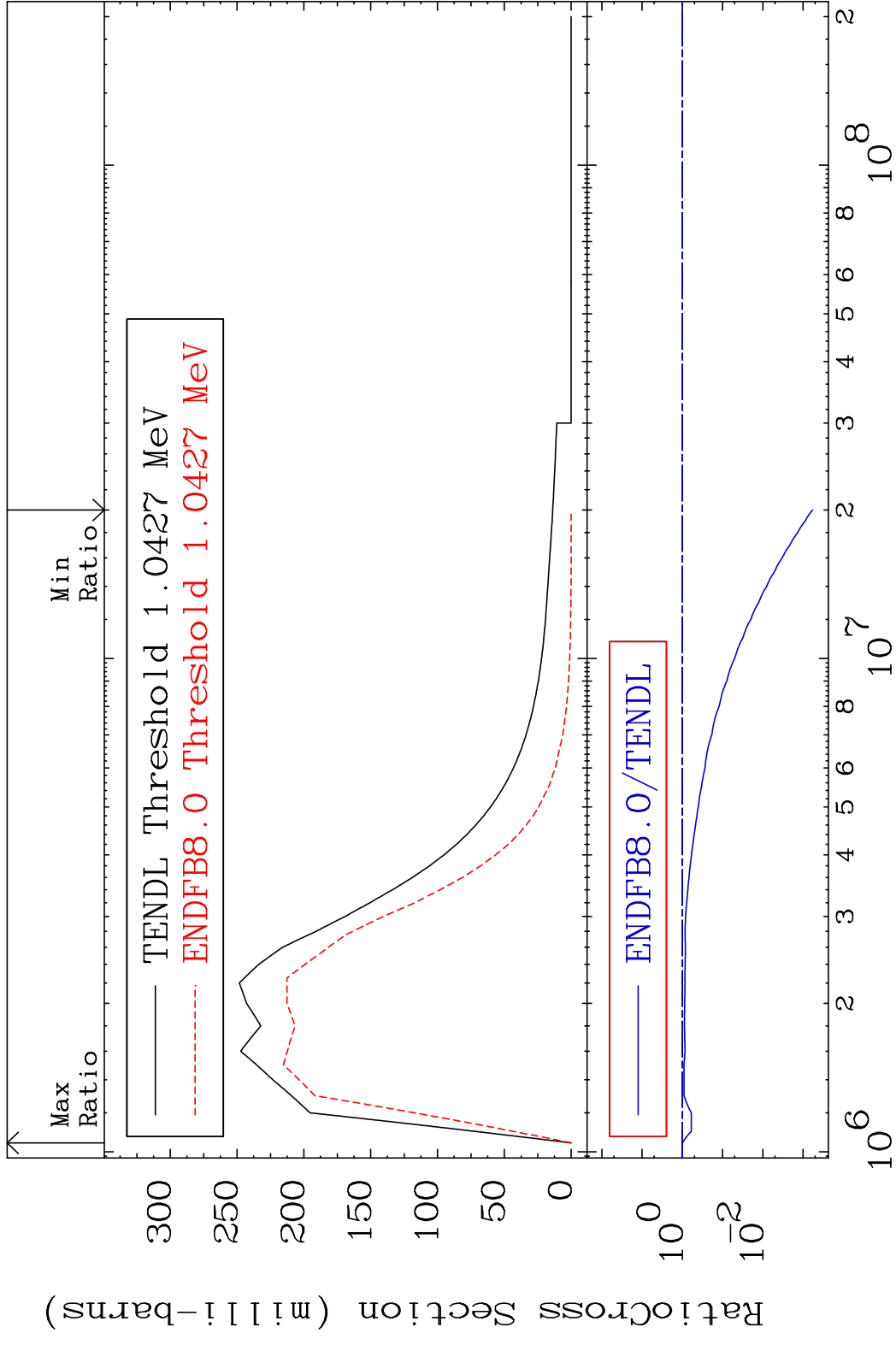


MAT 2322 MT= 53 (n, n') Level 23-V -49
 Cross Section -99.92 To -10.58%



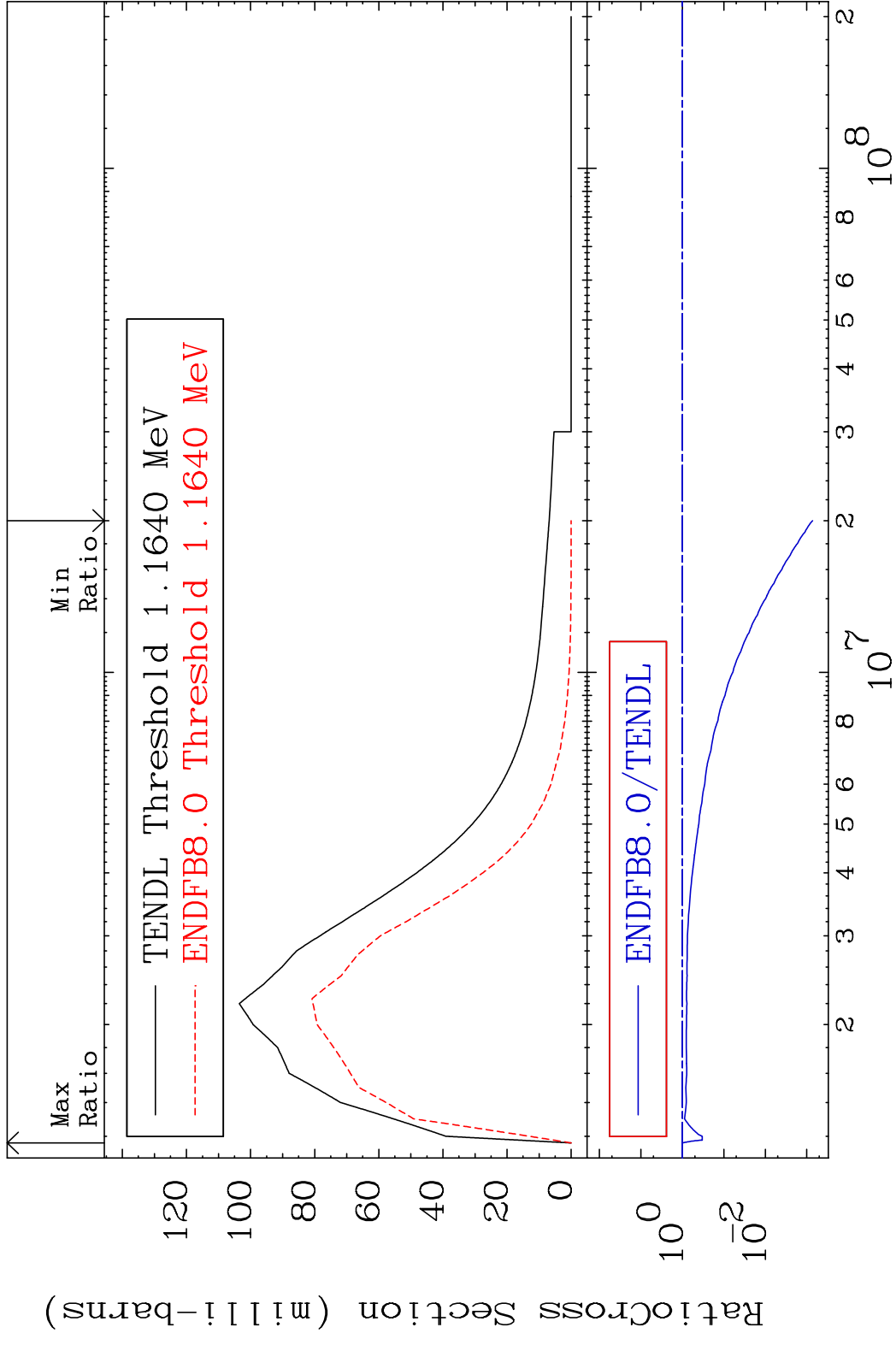
7 Incident Energy (eV) 23-V -49

MAT 2322 MT= 54 (n, n') Level 23-V -49
 Cross Section -99.94 To 0.000 %

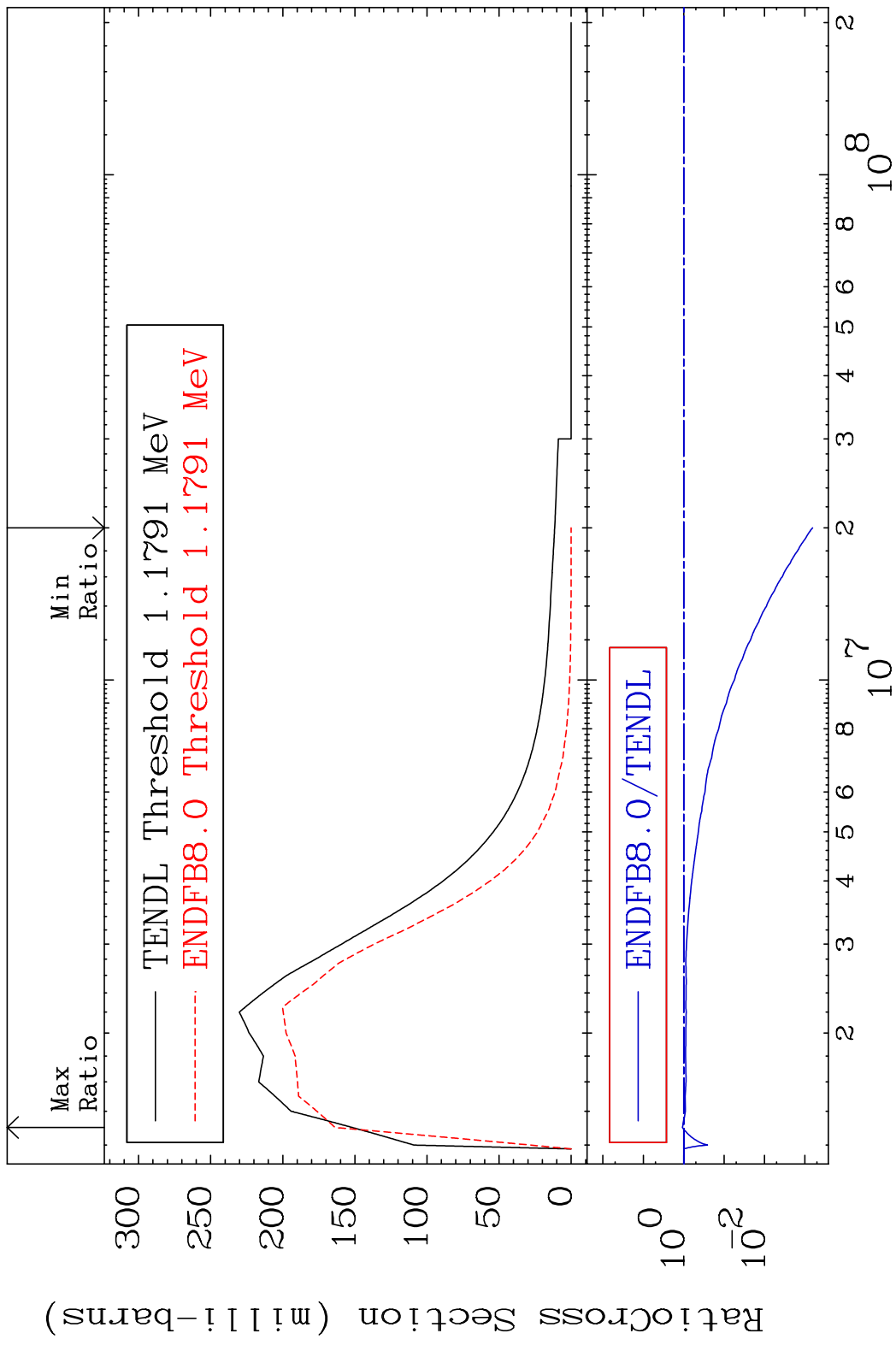


8 Incident Energy (eV) 23-V -49

MAT 2322 MT= 55 (n, n') Level 23-V -49
 Cross Section -99.93 To 0.000 %

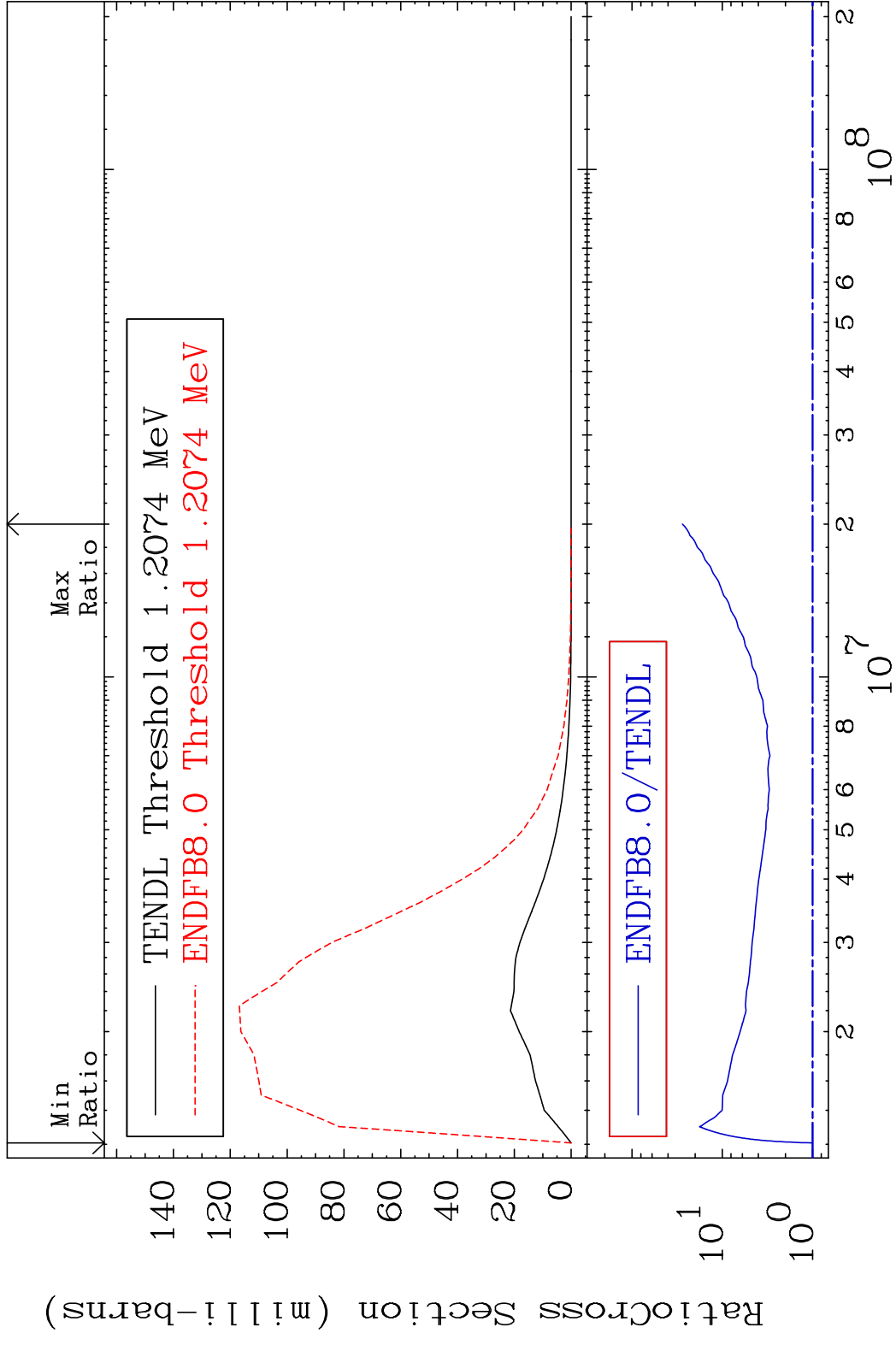


MAT 2322 MT= 56 (n, n') Level 23-V -49
 Cross Section -99.94 To 7.934 %

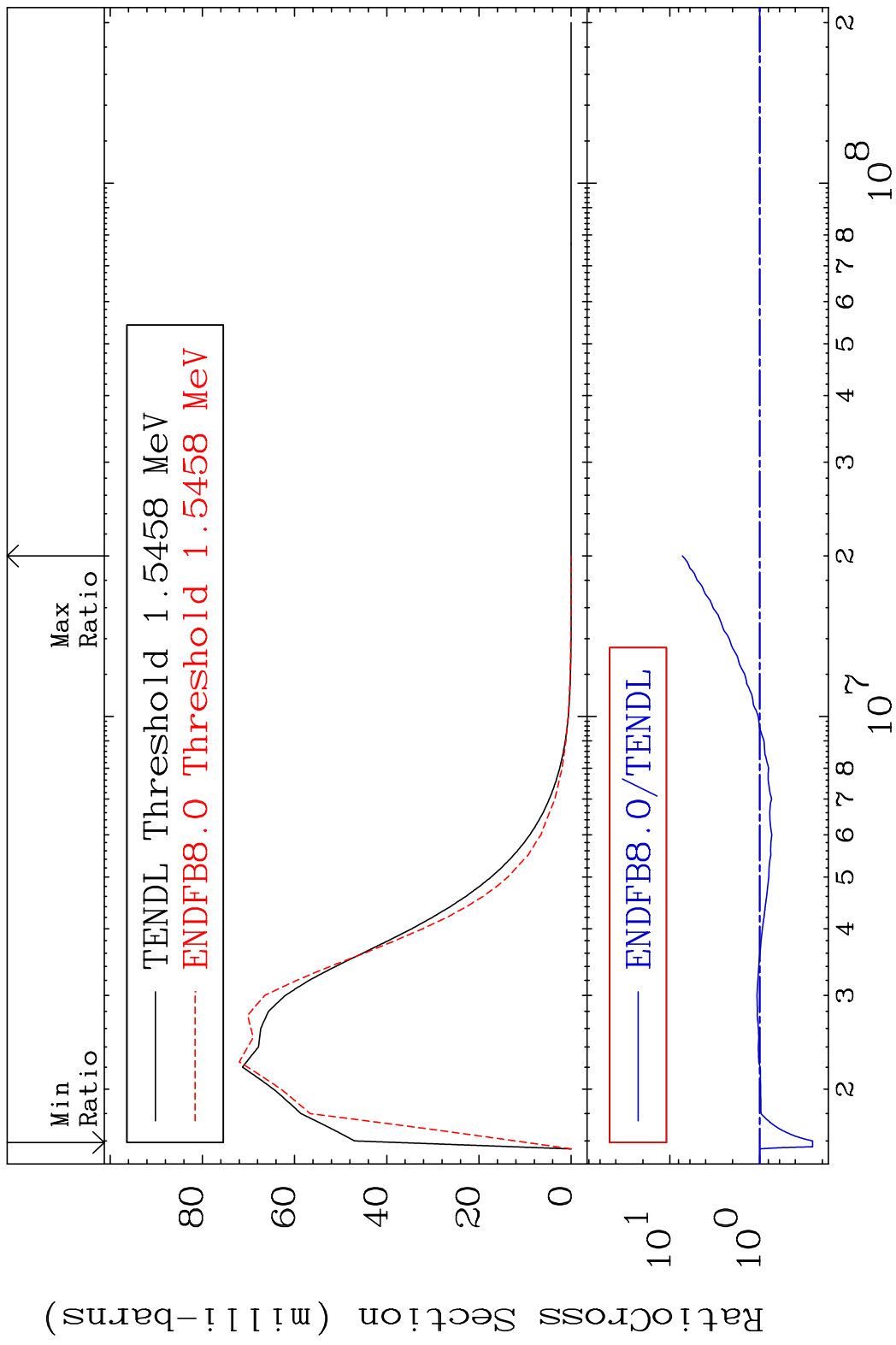


10 Incident Energy (eV) 23-V -49

MAT 2322 MT= 57 (n, n') Level 23-V -49
 Cross Section 0.000 To 2672. %

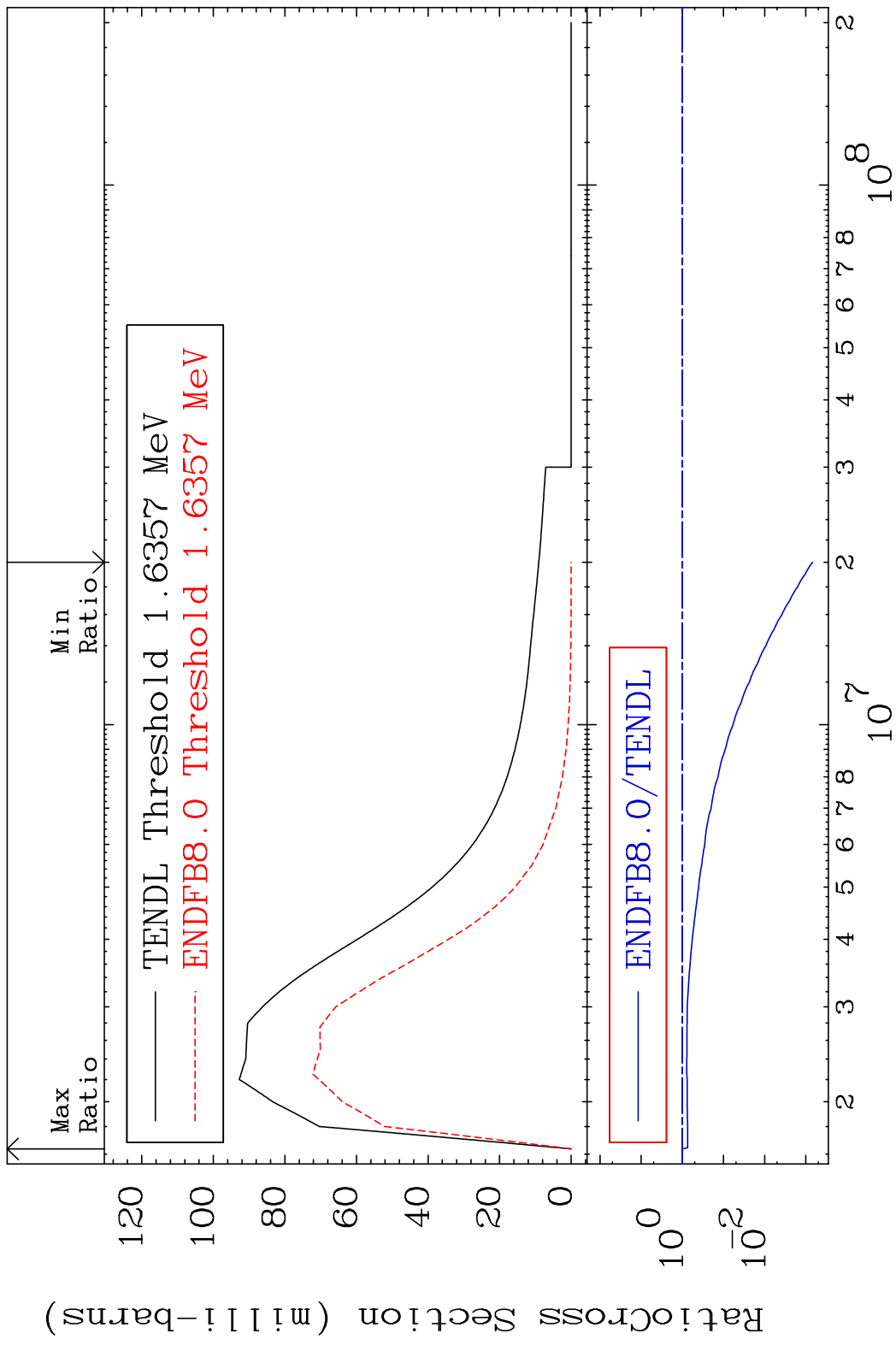


MAT 2322 MT= 58 (n, n') Level 23-V -49
 Cross Section -74.28 To 626.4 %

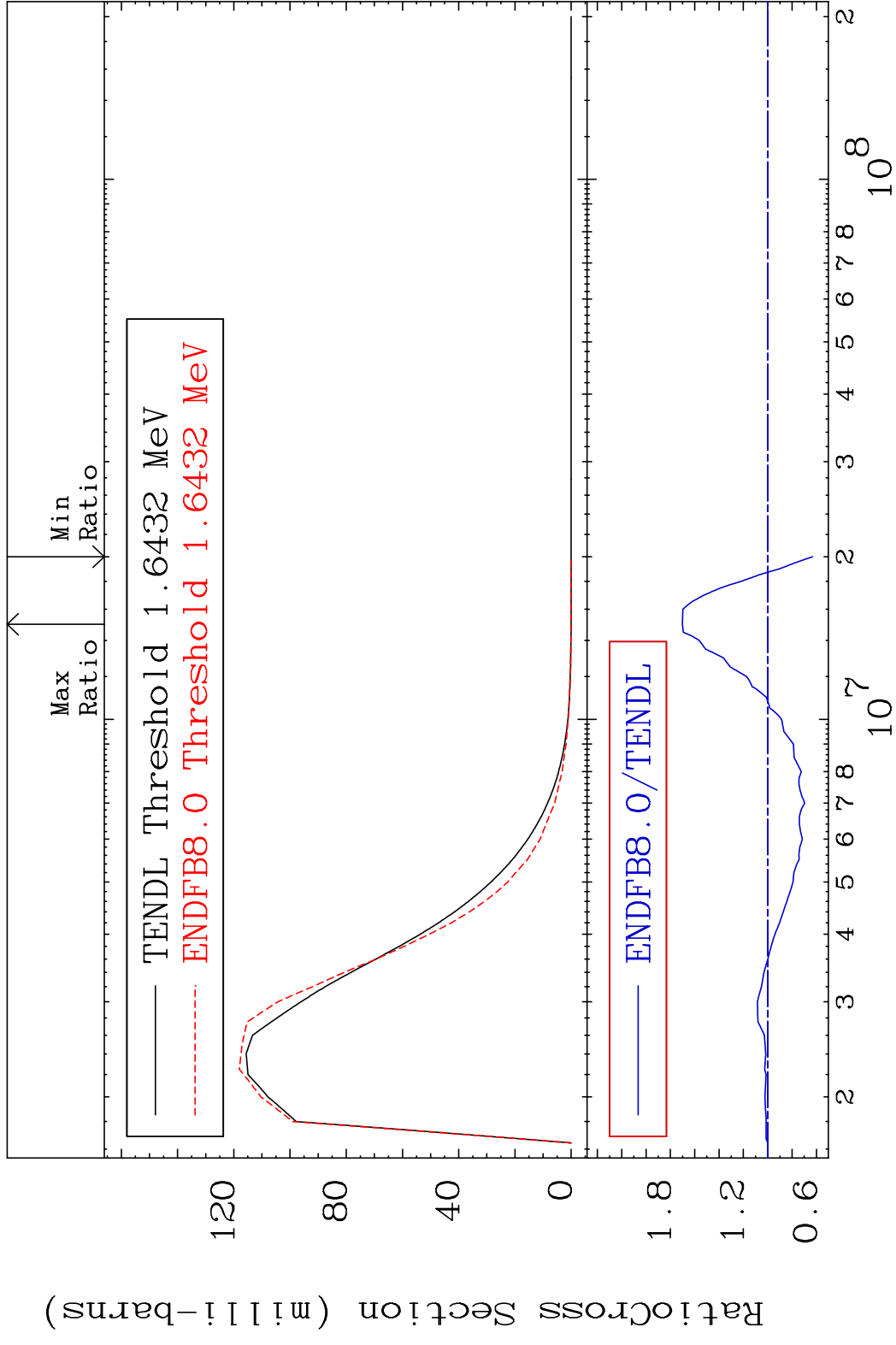


12 Incident Energy (eV) 23-V -49

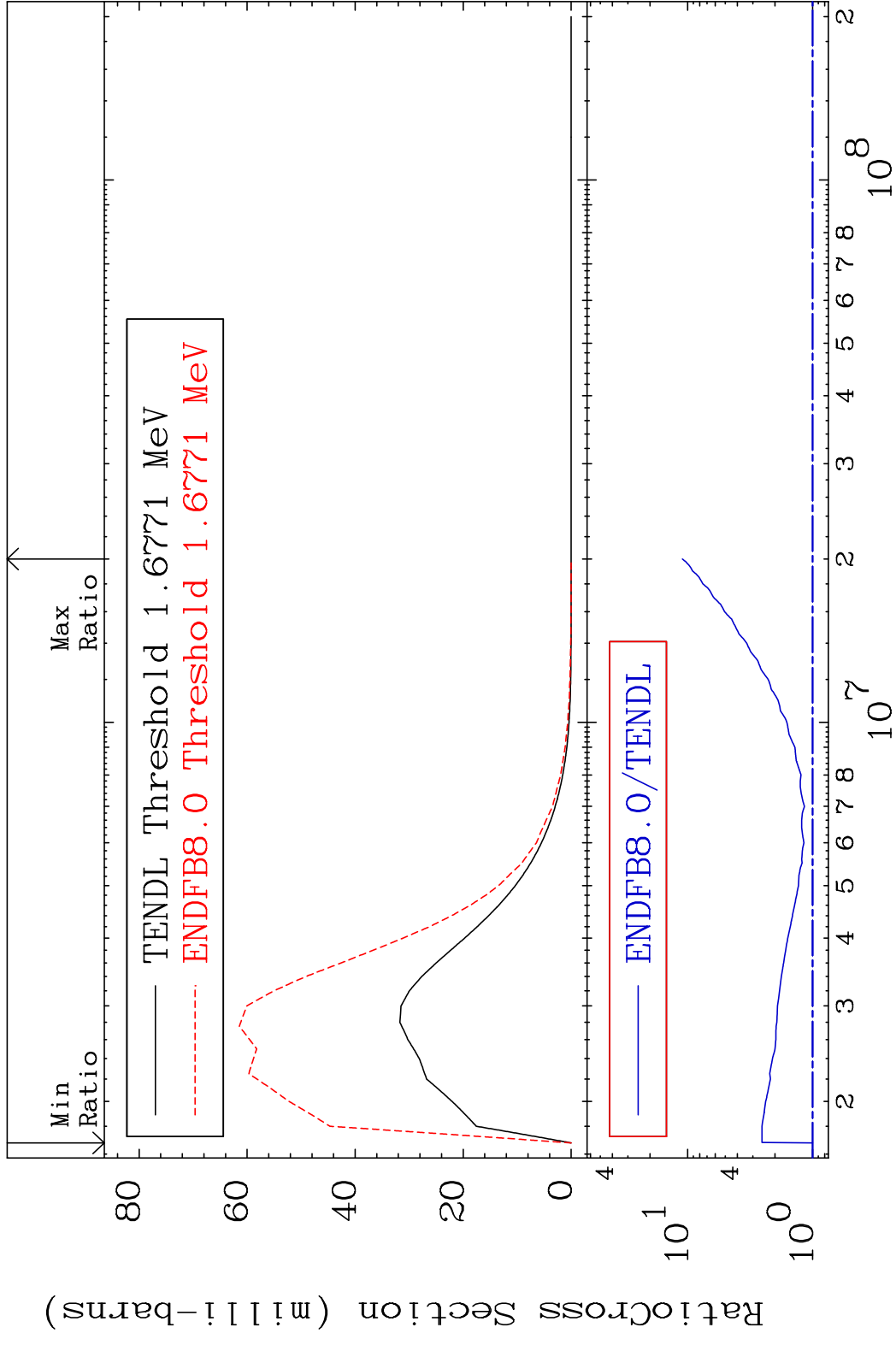
MAT 2322 MT= 59 (n, n') Level 23-V -49
 Cross Section -99.93 To 0.000 %



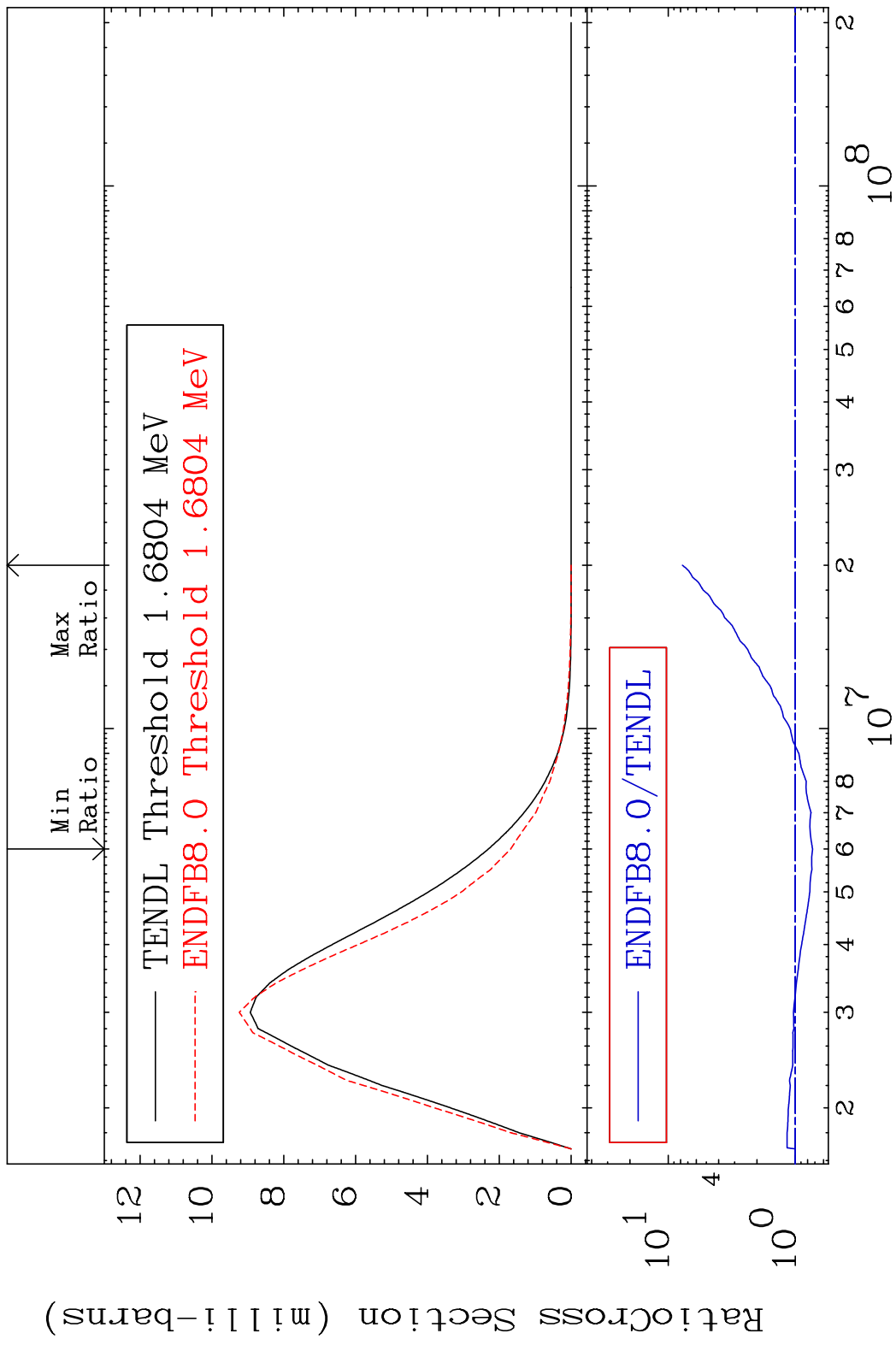
MAT 2322 MT= 60 (n, n') Level 23-V -49
 Cross Section -36.86 To 70.16 %



MAT 2322 MT= 61 (n, n') Level 23-V -49
 Cross Section 0.000 To 1002. %

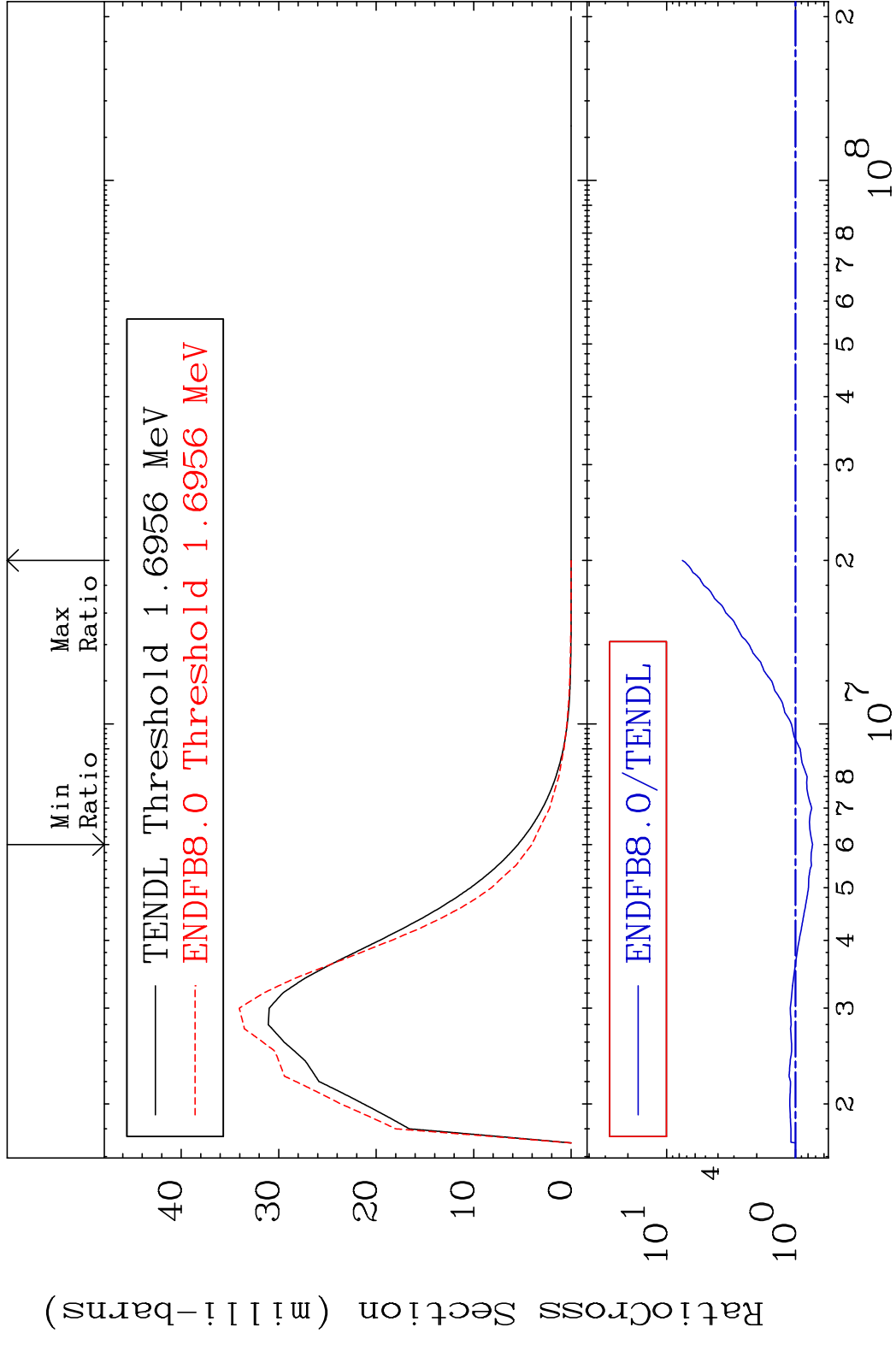


MAT 2322 MT= 62 (n, n') Level 23-V -49
 Cross Section -26.90 To 673.2 %

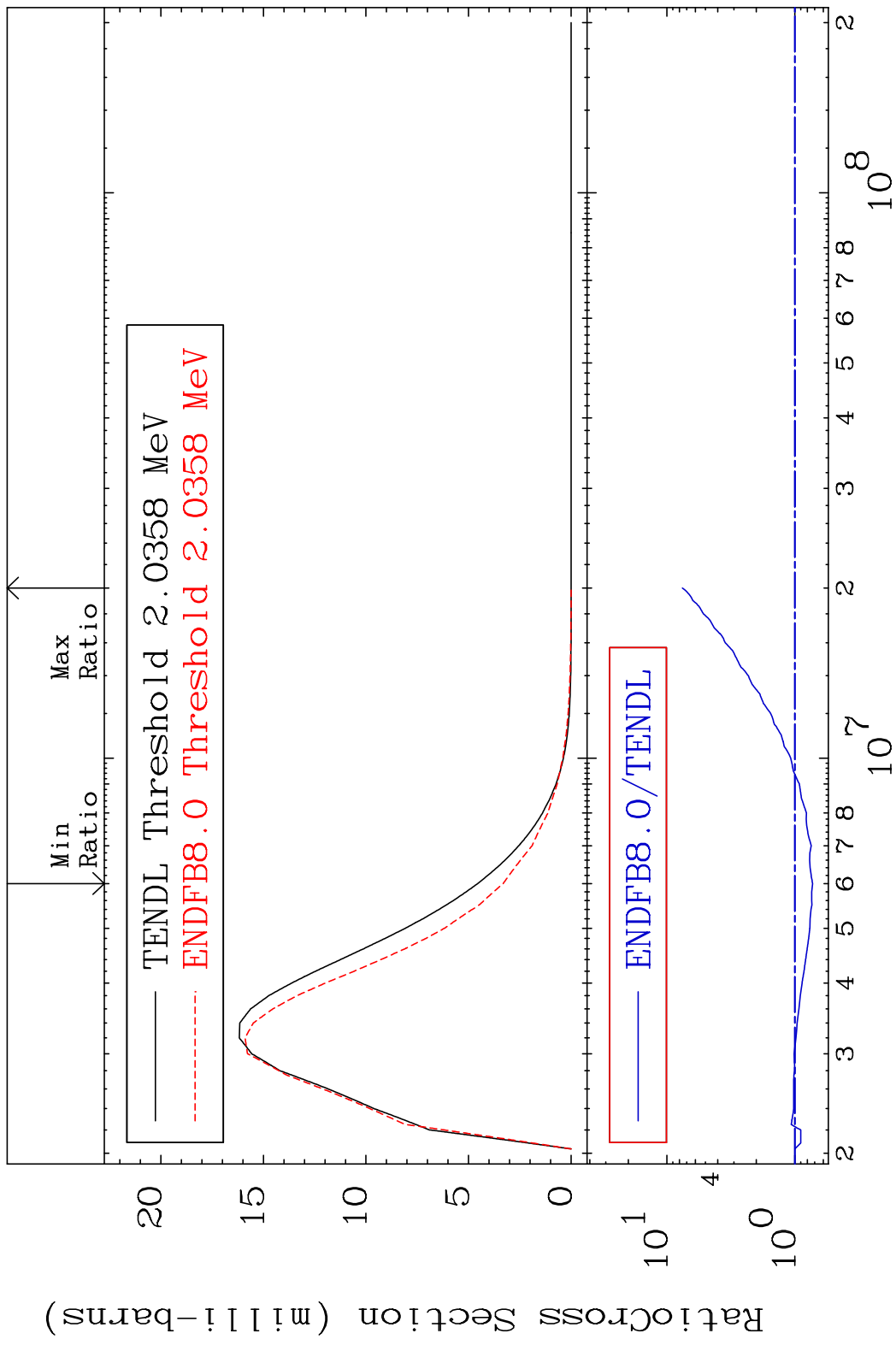


16 Incident Energy (eV) 23-V -49

MAT 2322 MT= 63 (n, n') Level 23-V -49
 Cross Section -26.26 To 655.6 %

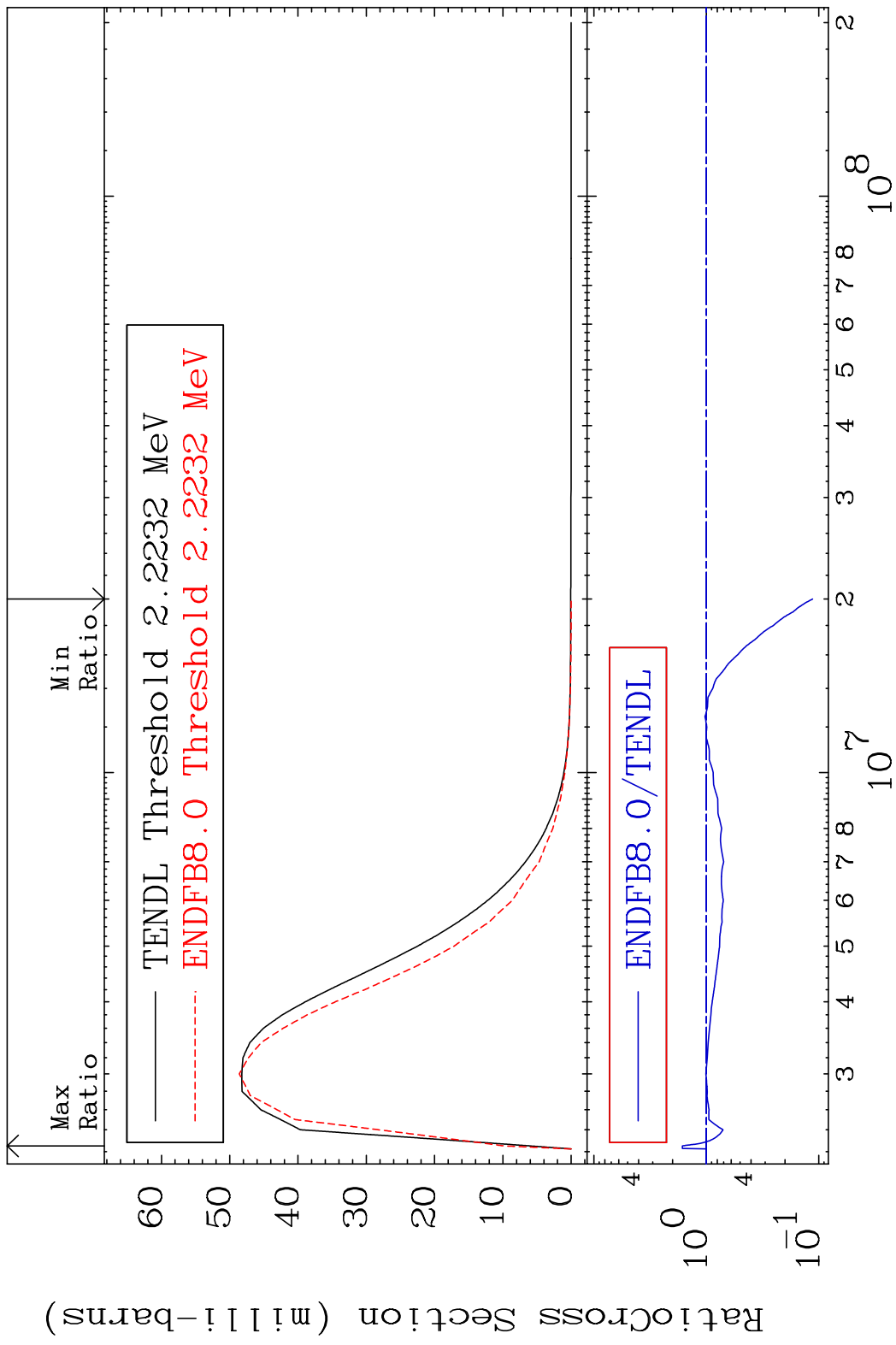


MAT 2322 MT= 64 (n, n') Level 23-V -49
 Cross Section -27.22 To 657.4 %



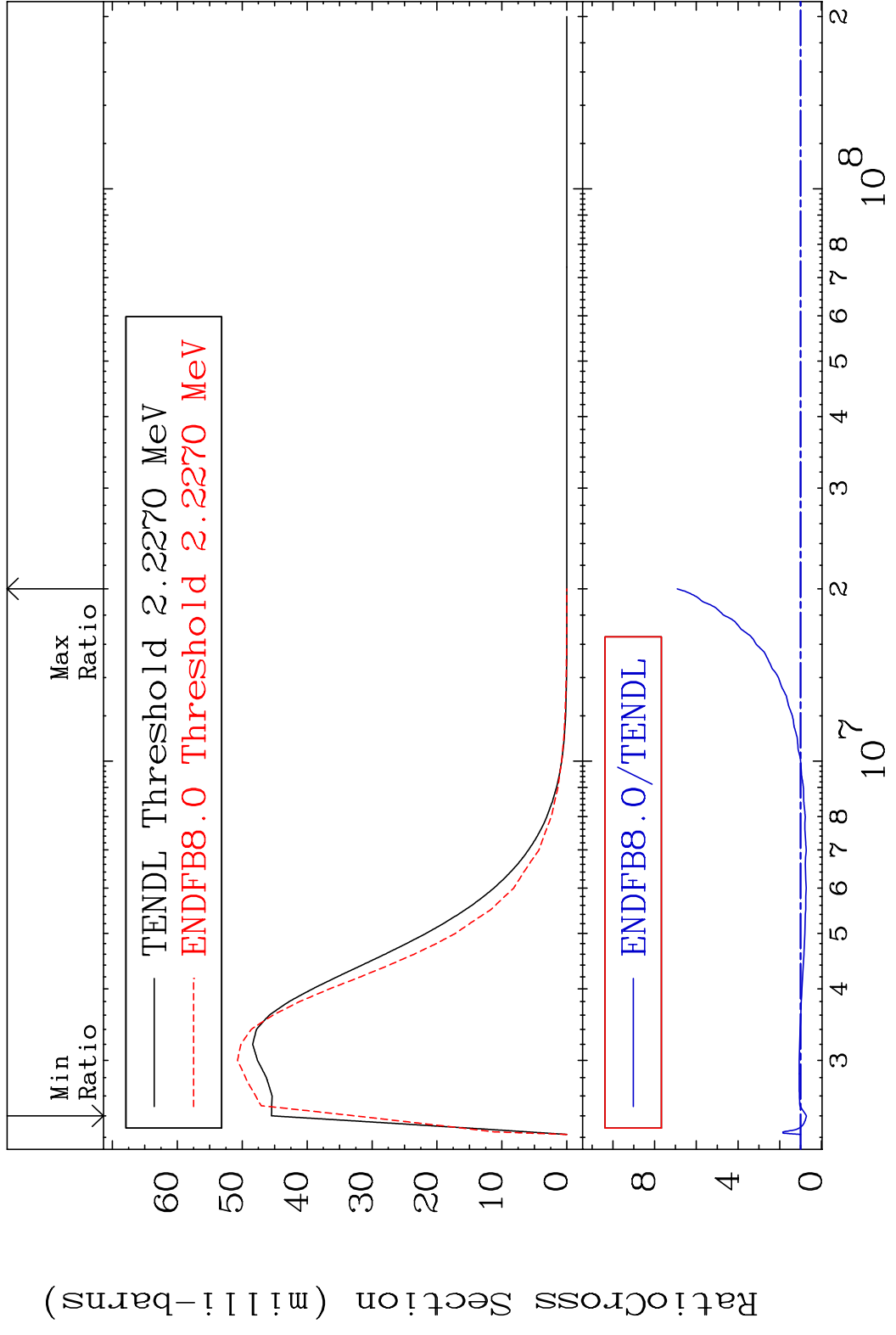
18 Incident Energy (eV) 23-V -49

MAT 2322 MT= 65 (n, n') Level 23-V -49
 Cross Section -88.64 To 63.43 %



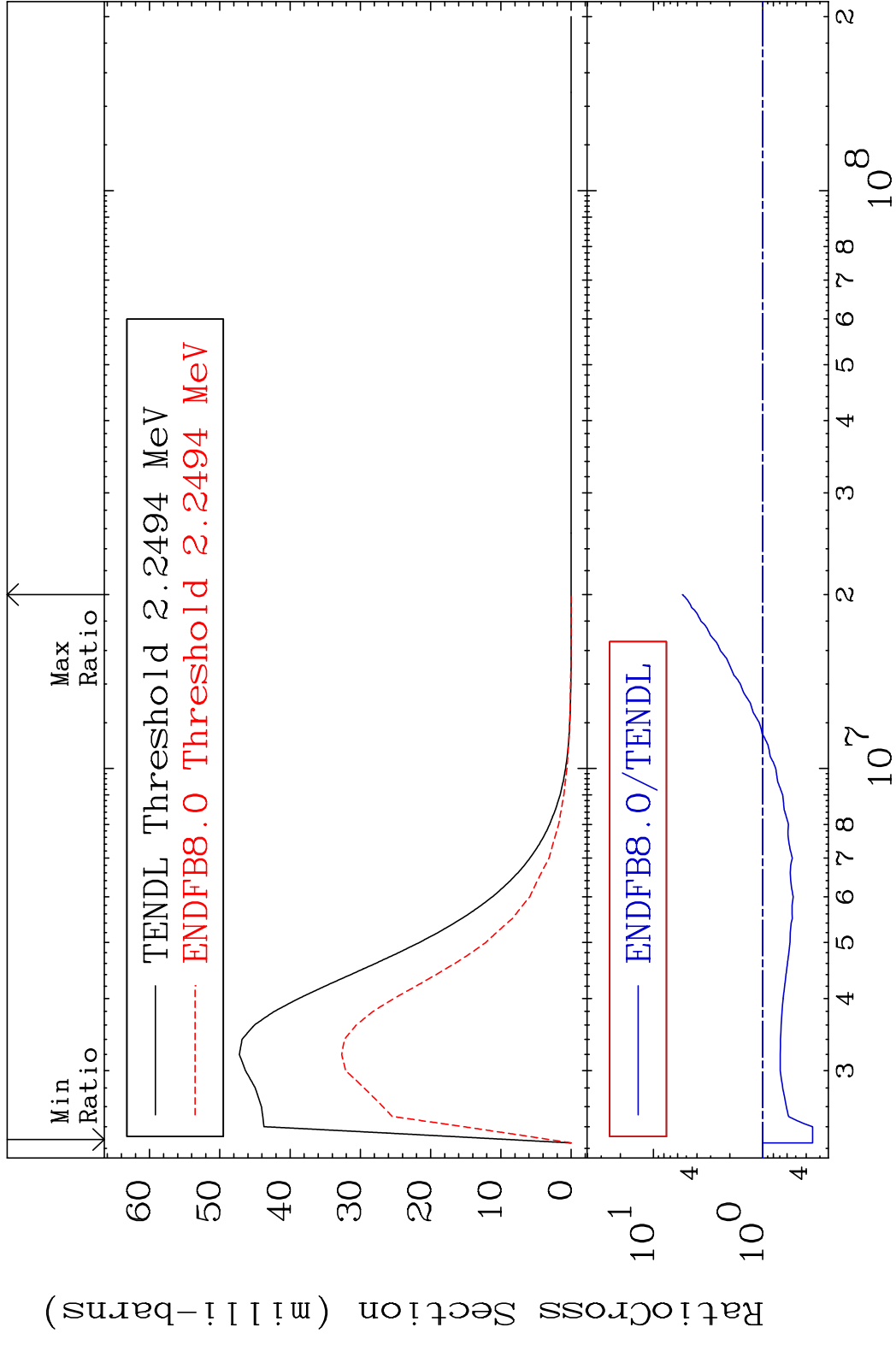
19 Incident Energy (eV) 23-V -49

MAT 2322 MT= 66 (n, n') Level 23-V -49
 Cross Section -28.07 To 591.8 %

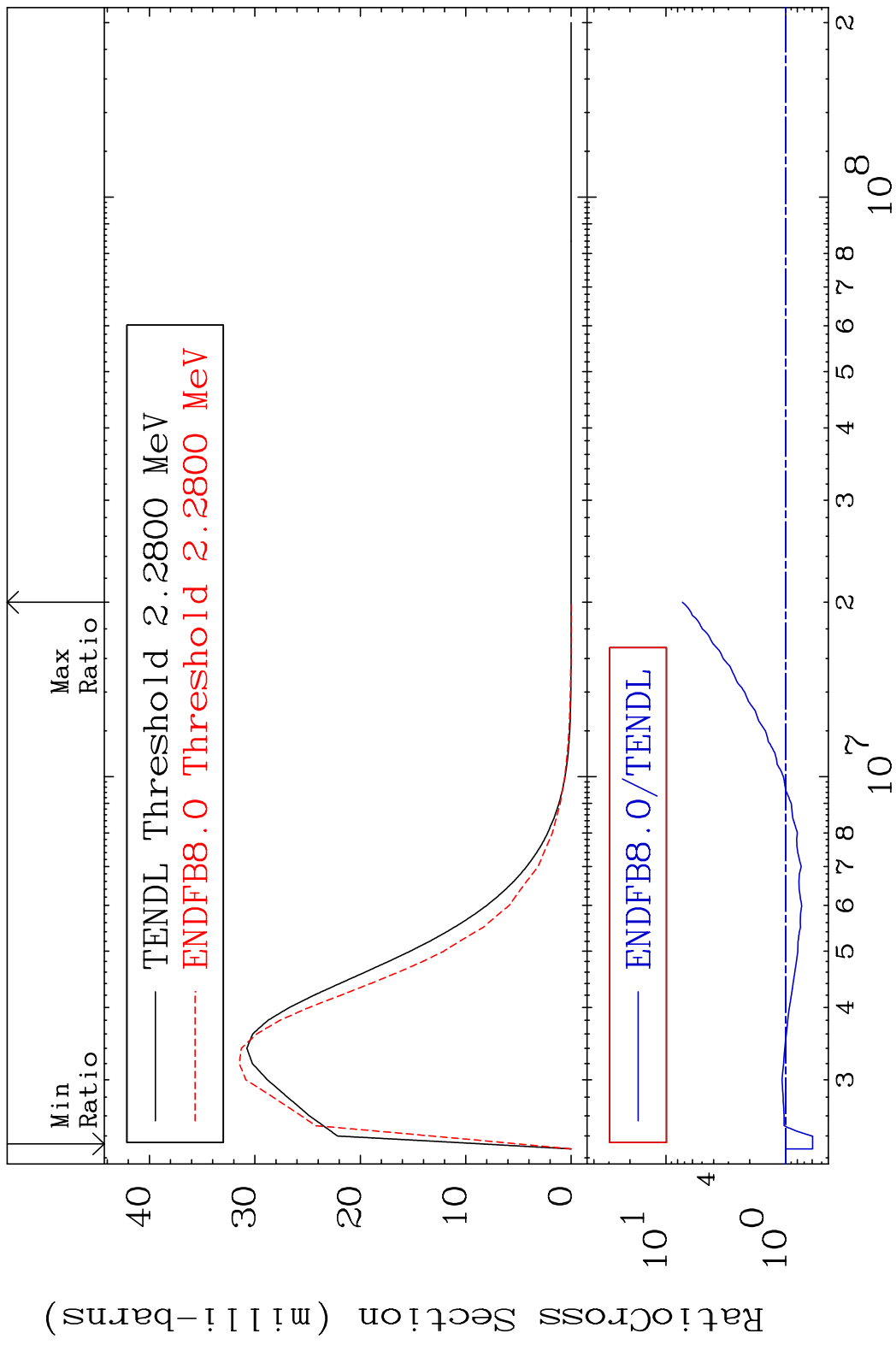


20 Incident Energy (eV) 23-V -49

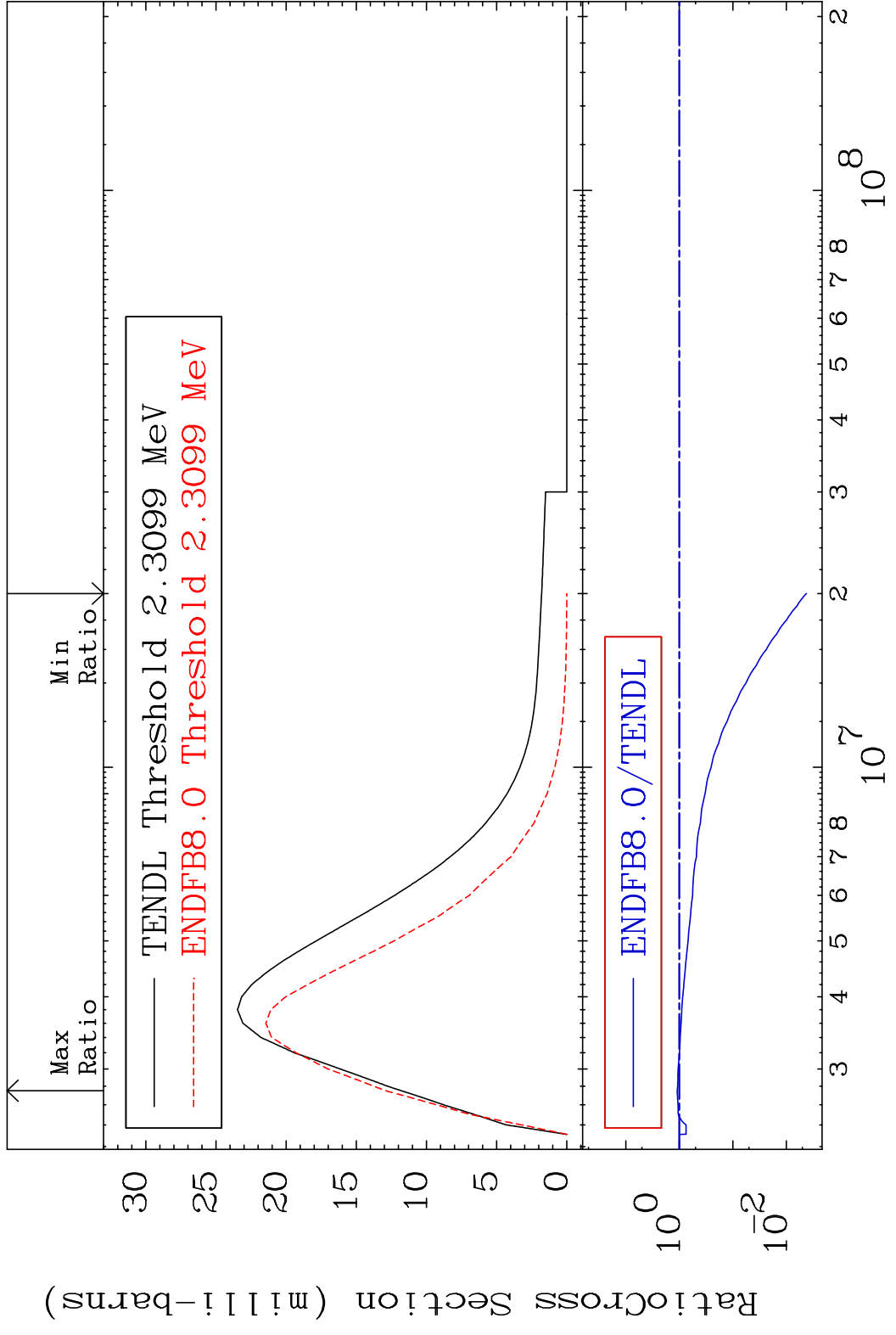
MAT 2322 MT= 67 (n, n') Level 23-V -49
 Cross Section -64.97 To 443.4 %



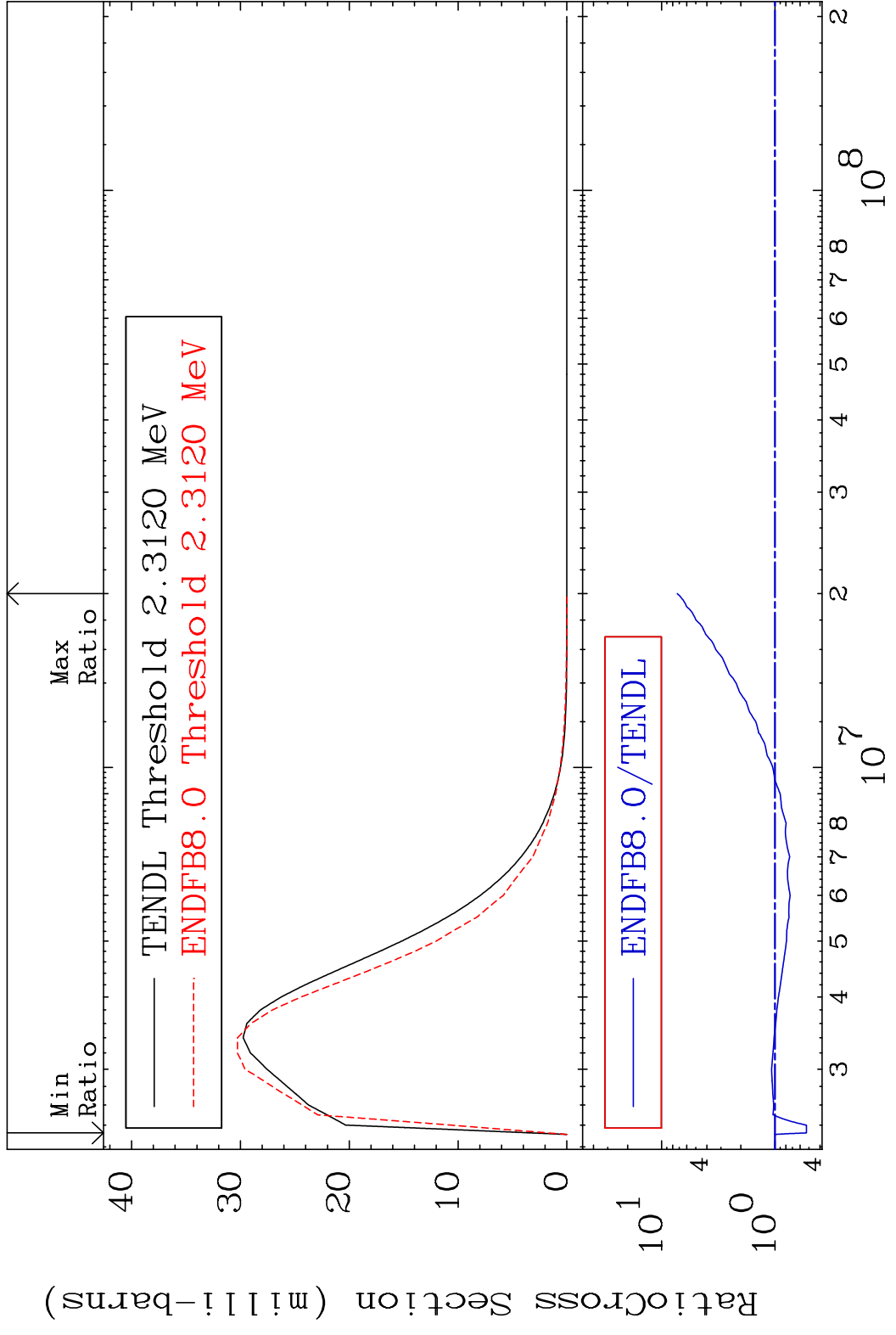
MAT 2322 MT= 68 (n, n') Level 23-V -49
 Cross Section -40.40 To 629.7 %



MAT 2322 MT= 69 (n, n') Level 23-V -49
 Cross Section -99.58 To 9.739 %

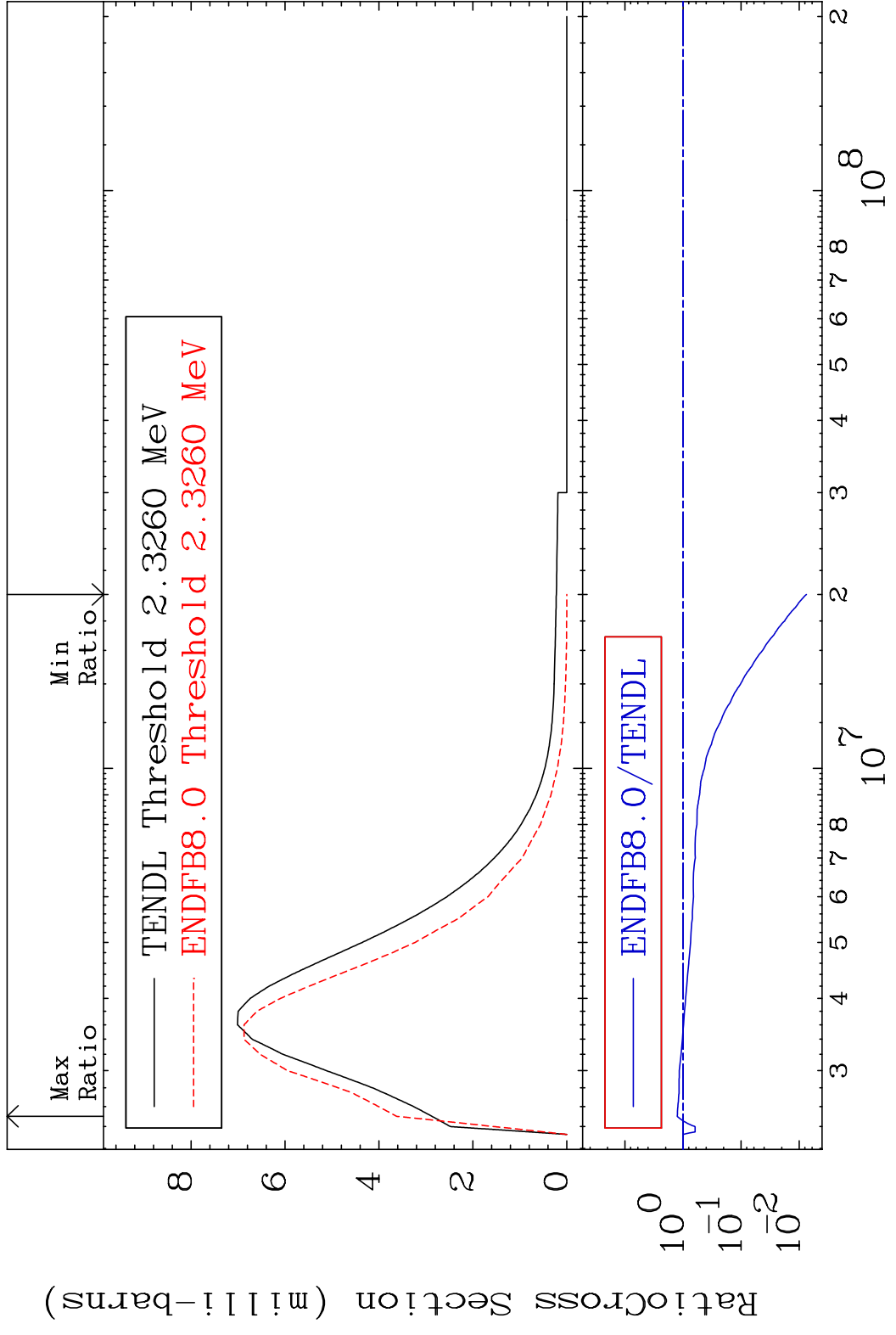


MAT 2322 MT= 70 (n, n') Level 23-V -49
 Cross Section -47.25 To 629.8 %

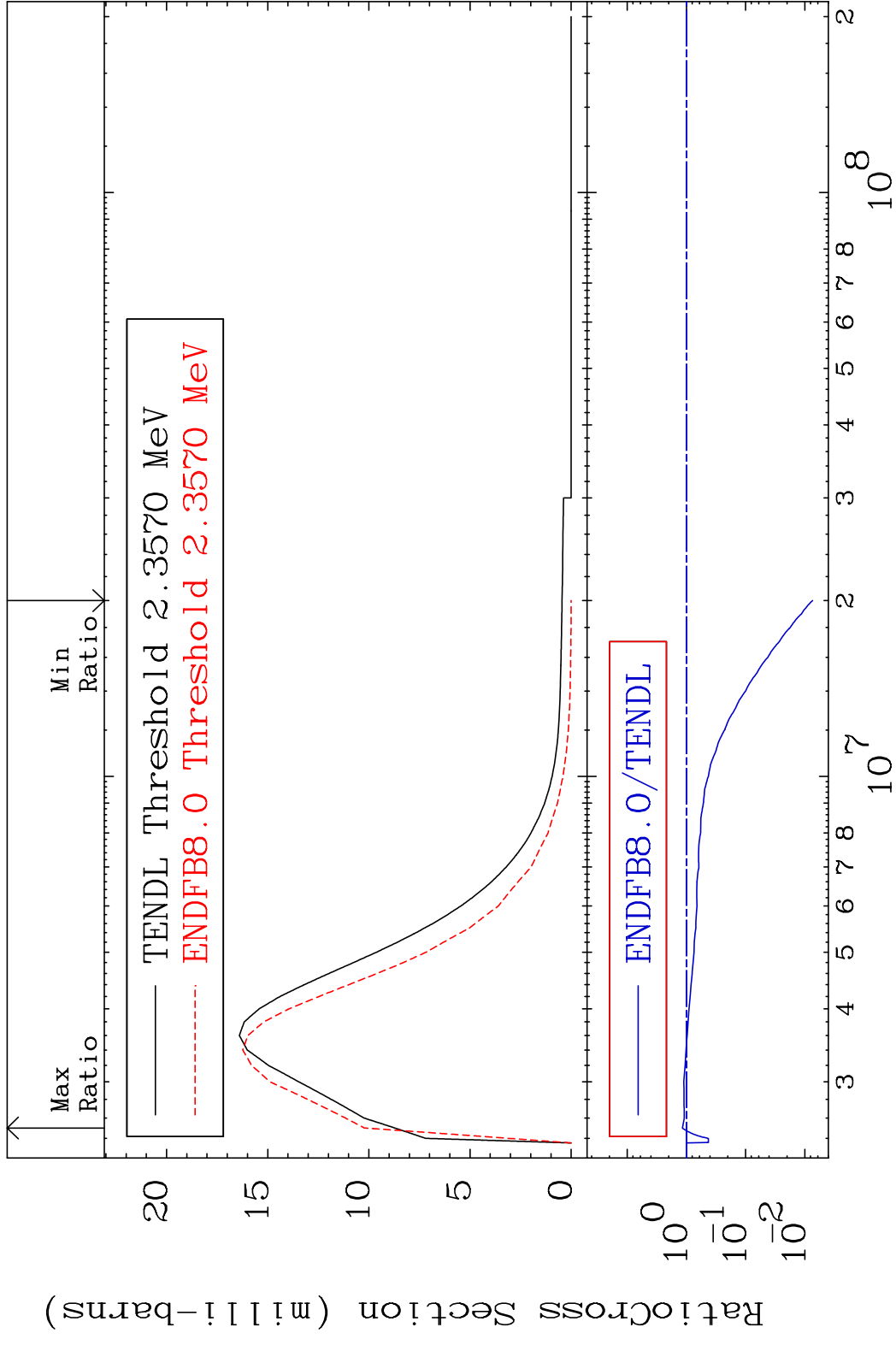


24 Incident Energy (eV) 23-V -49

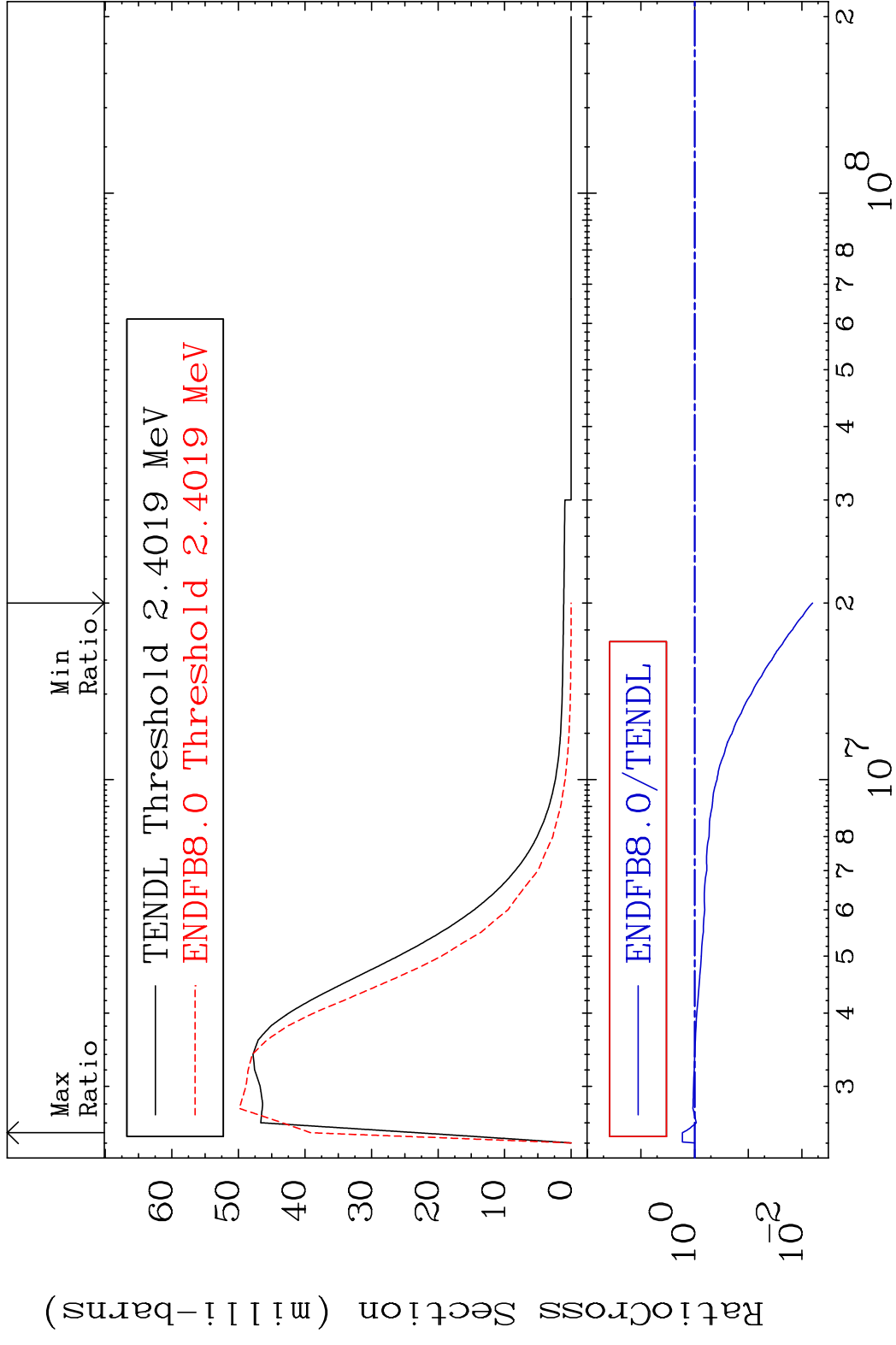
MAT 2322 MT= 71 (n,n') Level 23-V -49
 Cross Section -99.25 To 26.20 %



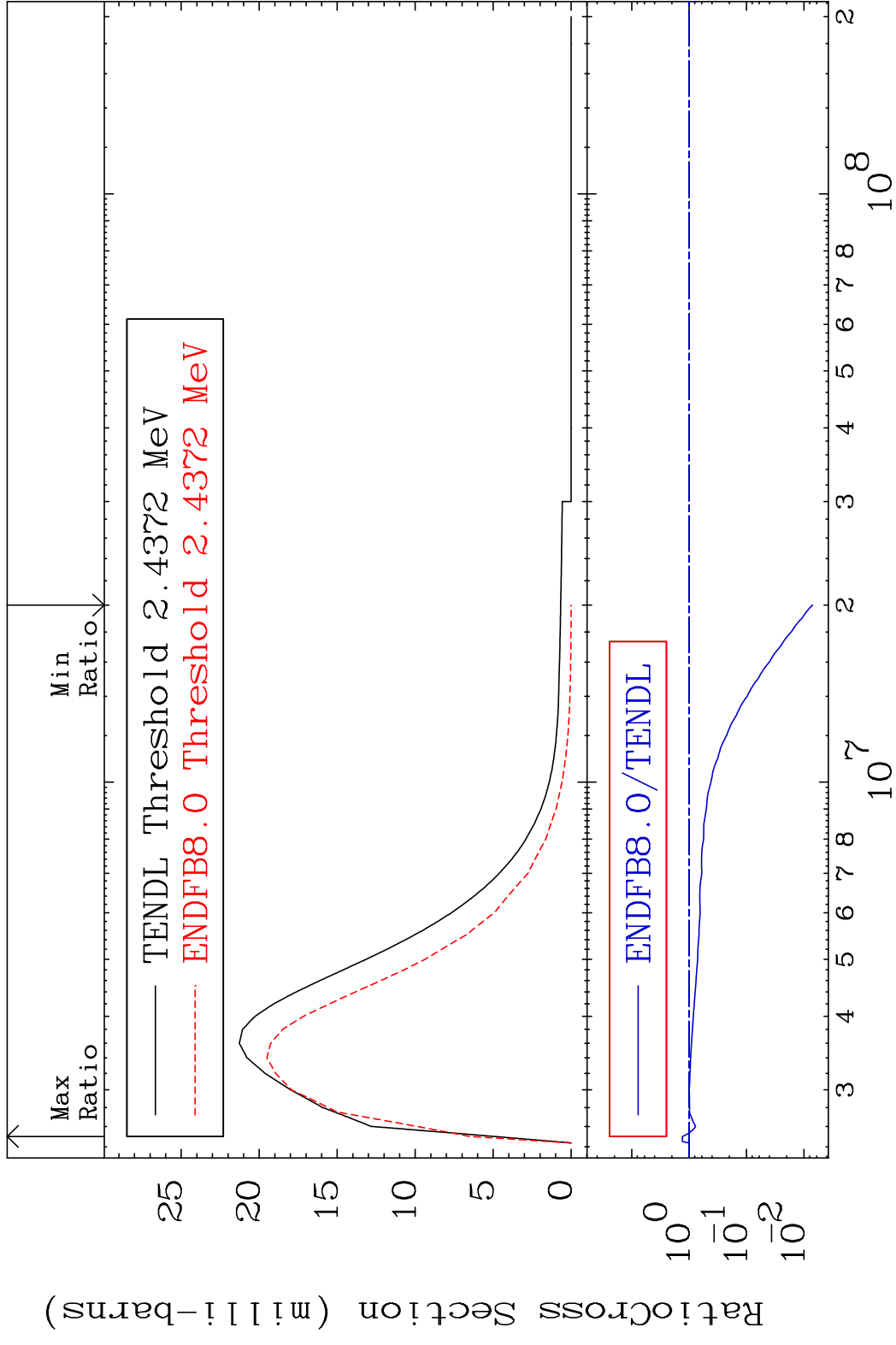
MAT 2322 MT= 72 (n, n') Level 23-V -49
 Cross Section -99.26 To 17.21 %



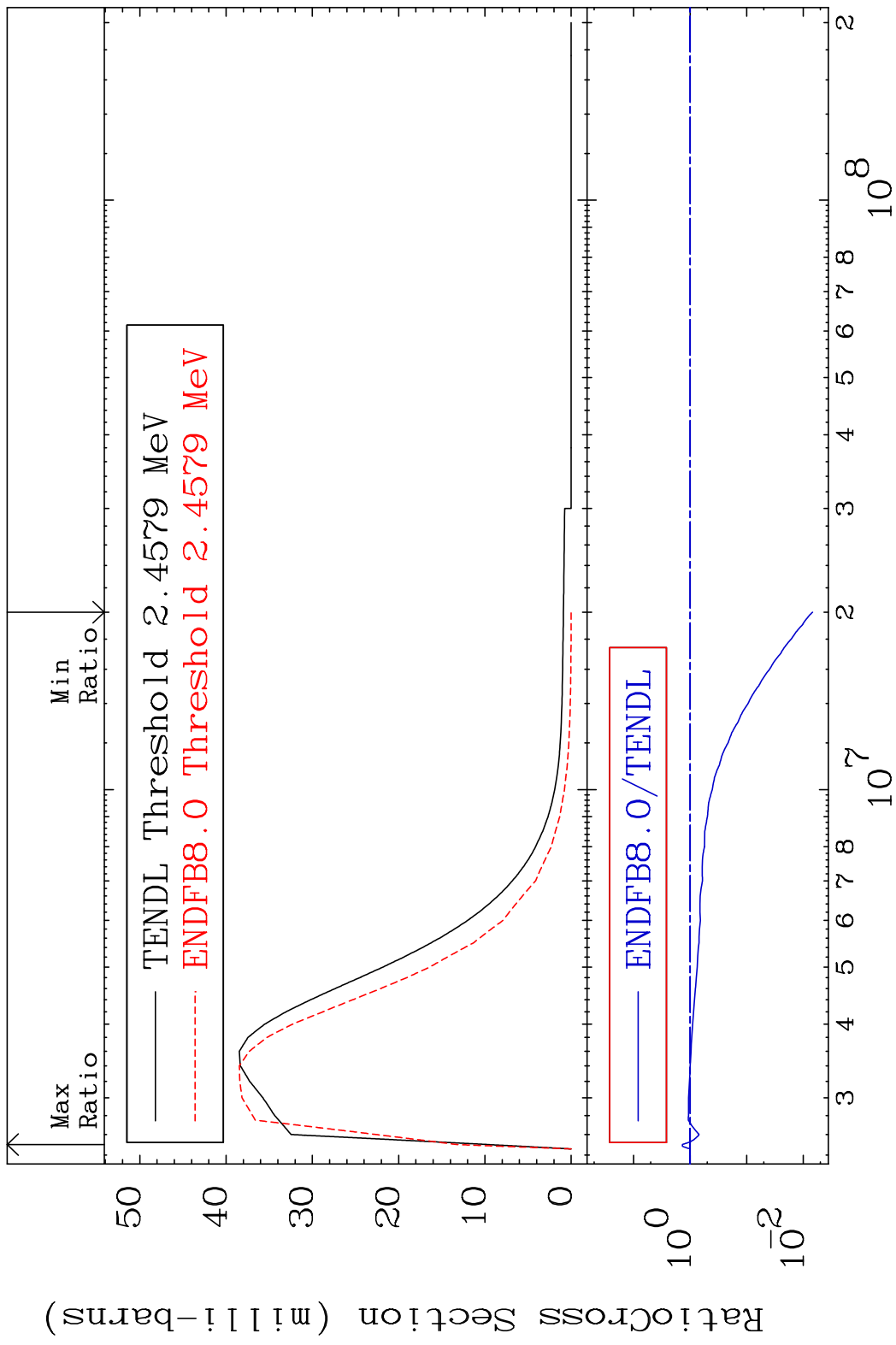
MAT 2322 MT= 73 (n, n') Level 23-V -49
 Cross Section -99.37 To 69.48 %



MAT 2322 MT= 74 (n,n') Level 23-V -49
 Cross Section -99.29 To 31.14 %

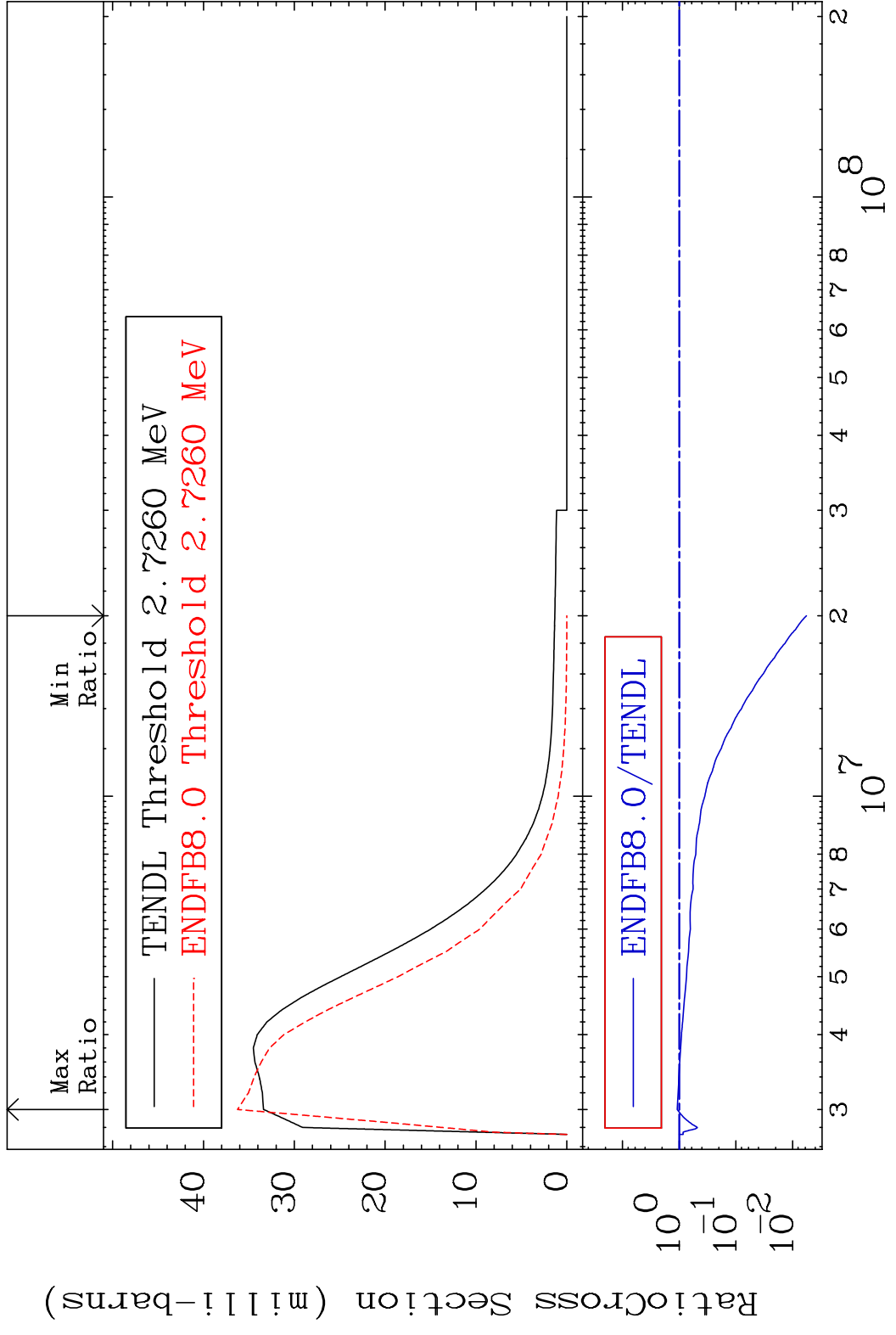


MAT 2322 MT= 75 (n,n') Level 23-V -49
 Cross Section -99.31 To 37.69 %



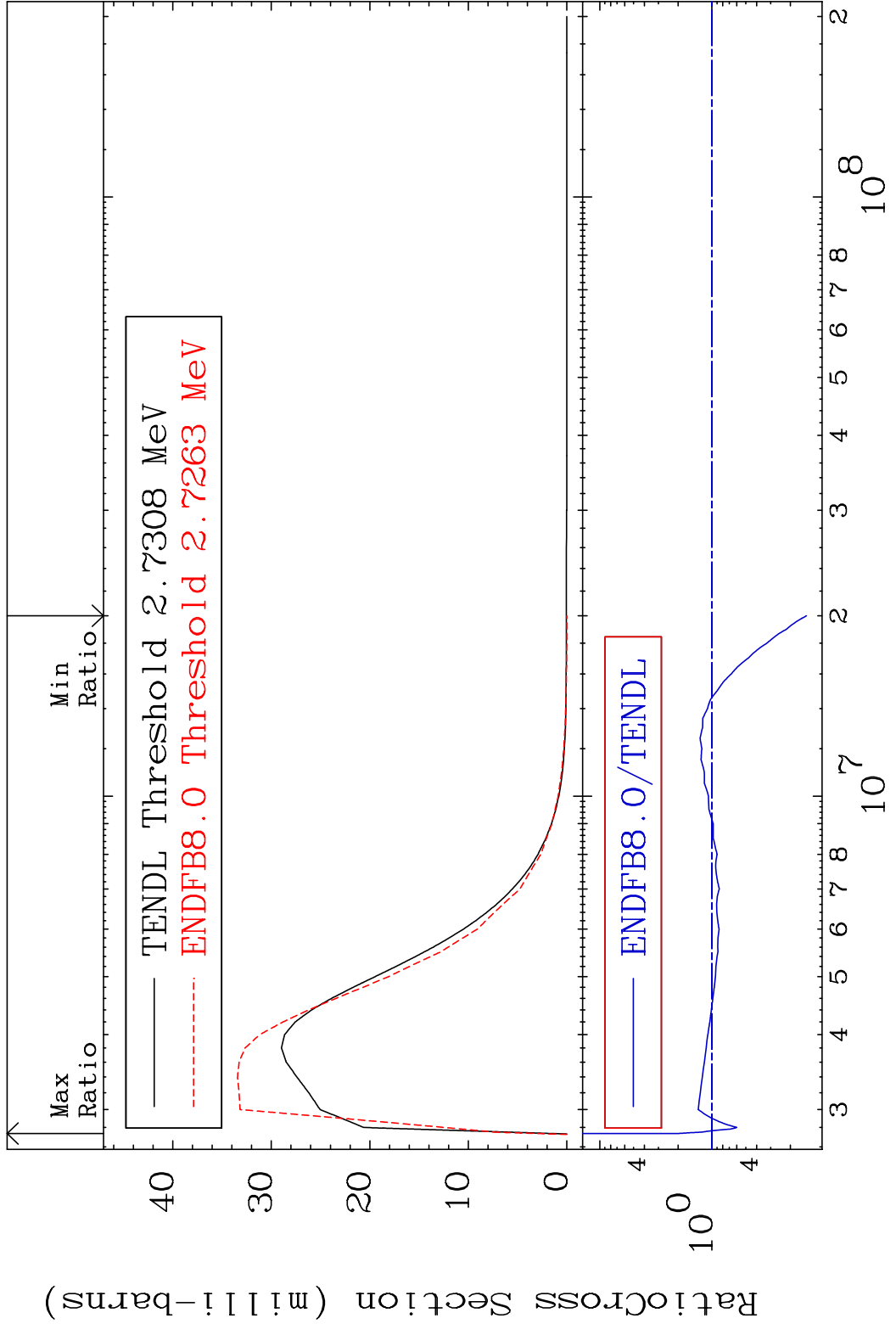
29 Incident Energy (eV) 23-V -49

MAT 2322 MT= 76 (n, n') Level 23-V -49
 Cross Section -99.43 To 8.606 %

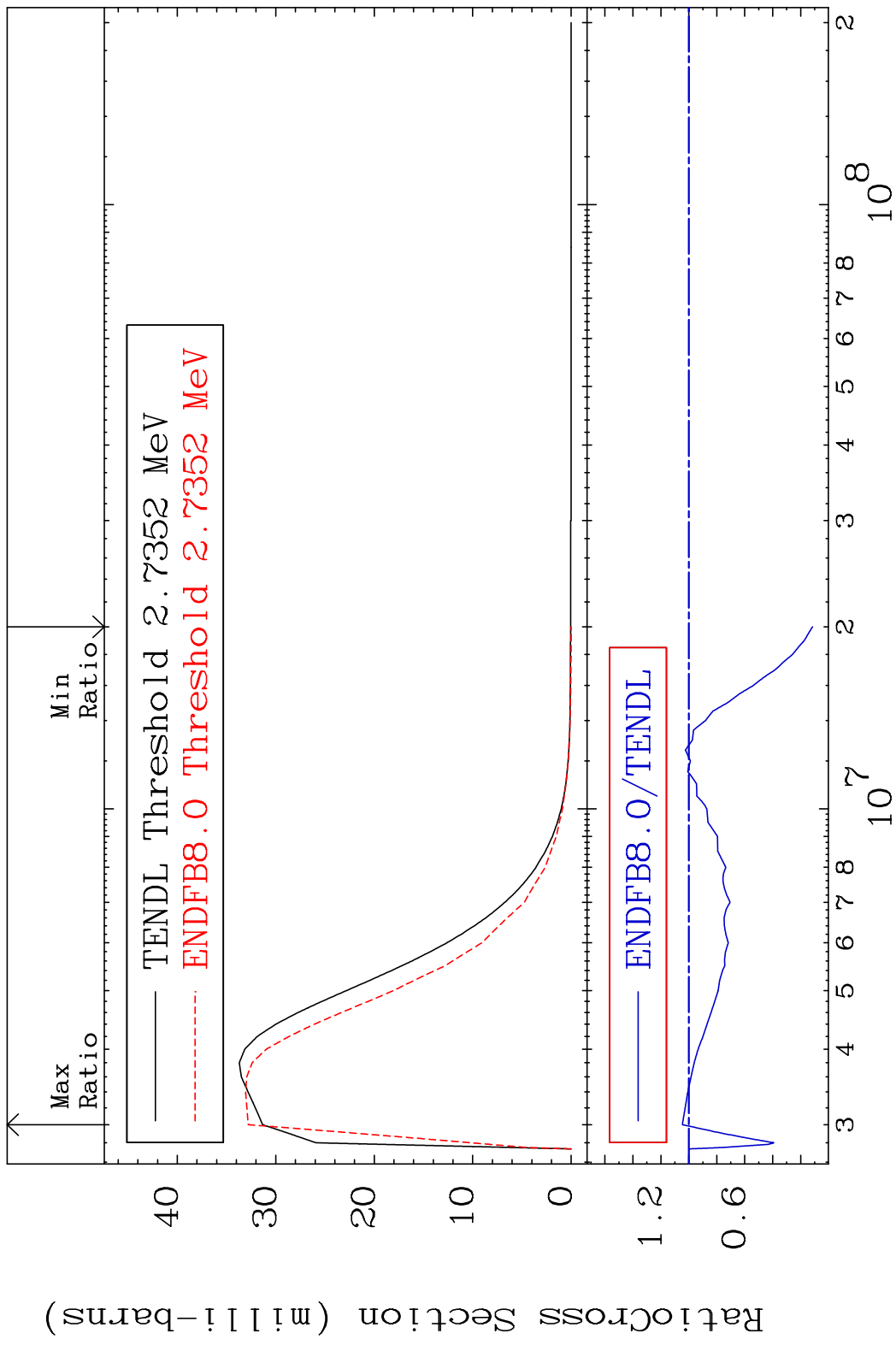


30 Incident Energy (eV) 23-V -49

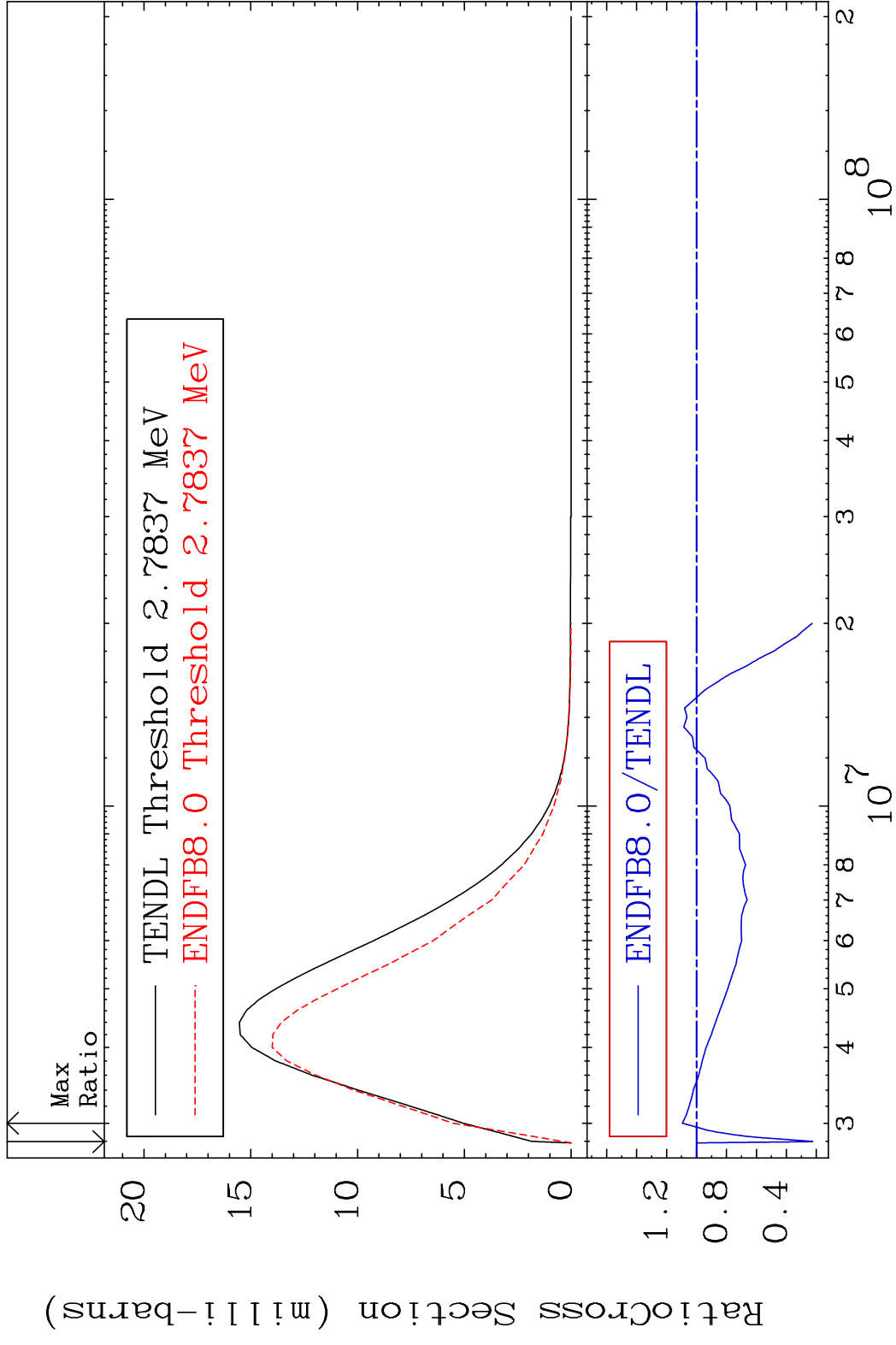
MAT 2322 MT= 77 (n,n') Level 23-V -49
 Cross Section -85.62 To 104.0 %



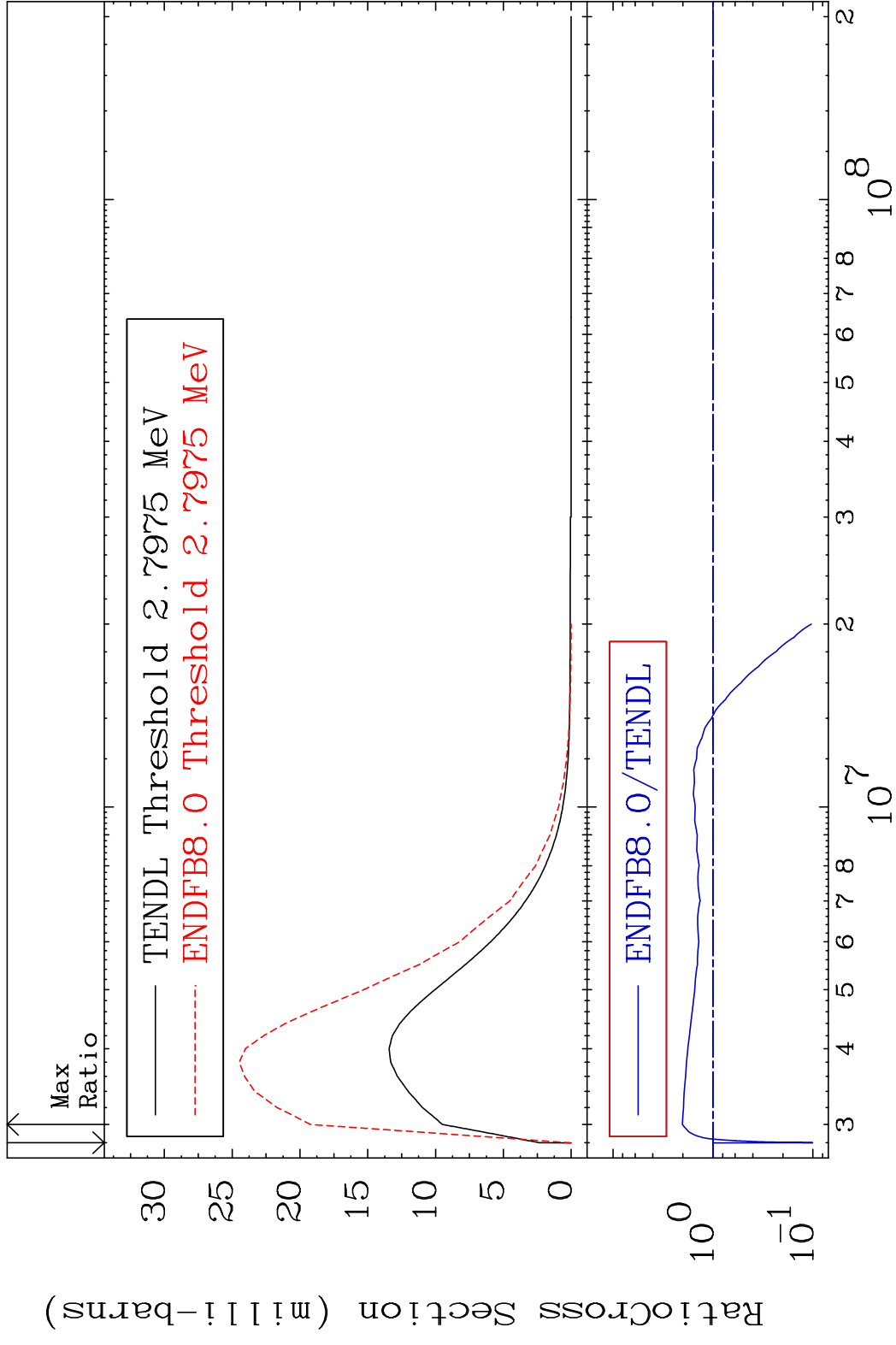
MAT 2322 MT= 78 (n,n') Level 23-V -49
 Cross Section -88.50 To 4.631 %



MAT 2322 MT= 79 (n,n') Level 23-V -49
 Cross Section -77.50 To 9.465 %



MAT 2322 MT= 80 (n,n') Level 23-V -49
 Cross Section -89.91 To 102.6 %

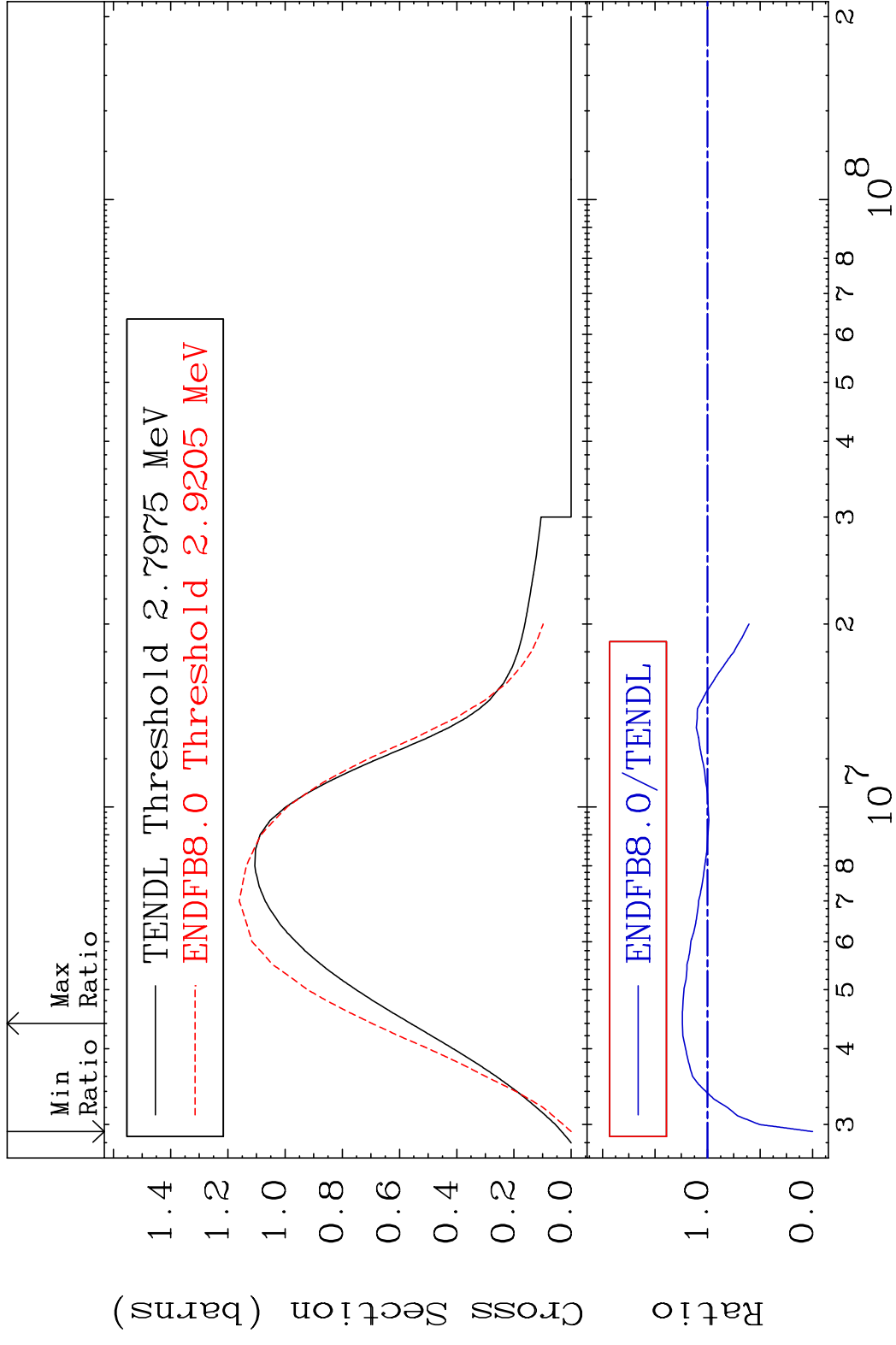


MAT 2322

(n,n') Continuum

23-V -49

Cross Section -100.0 To 24.00 %



35

Incident Energy (eV)

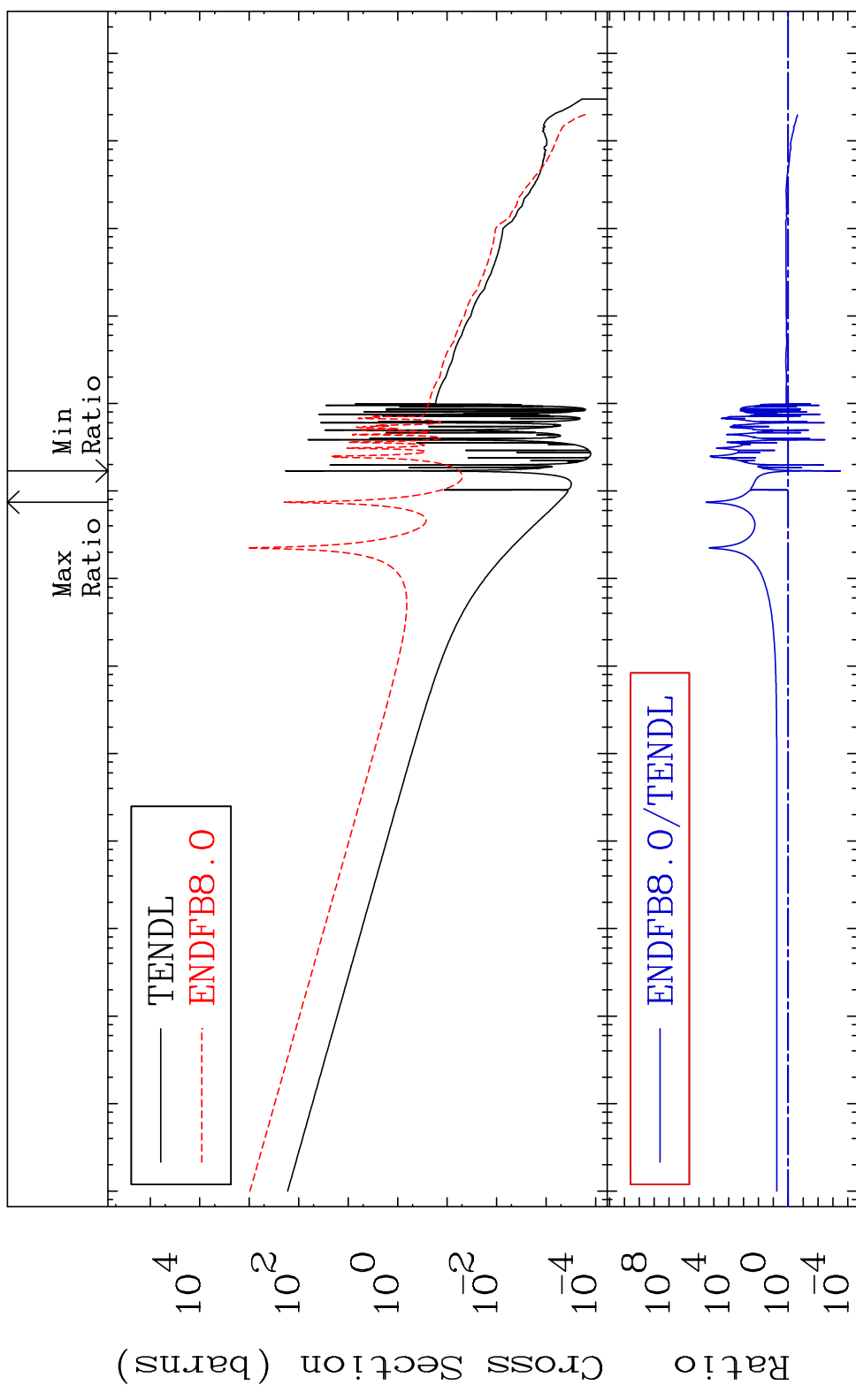
23-V -49

MAT 2322

(n, γ)

23-V -49

Cross Section -99.97 To 9999. %



36

Incident Energy (eV)

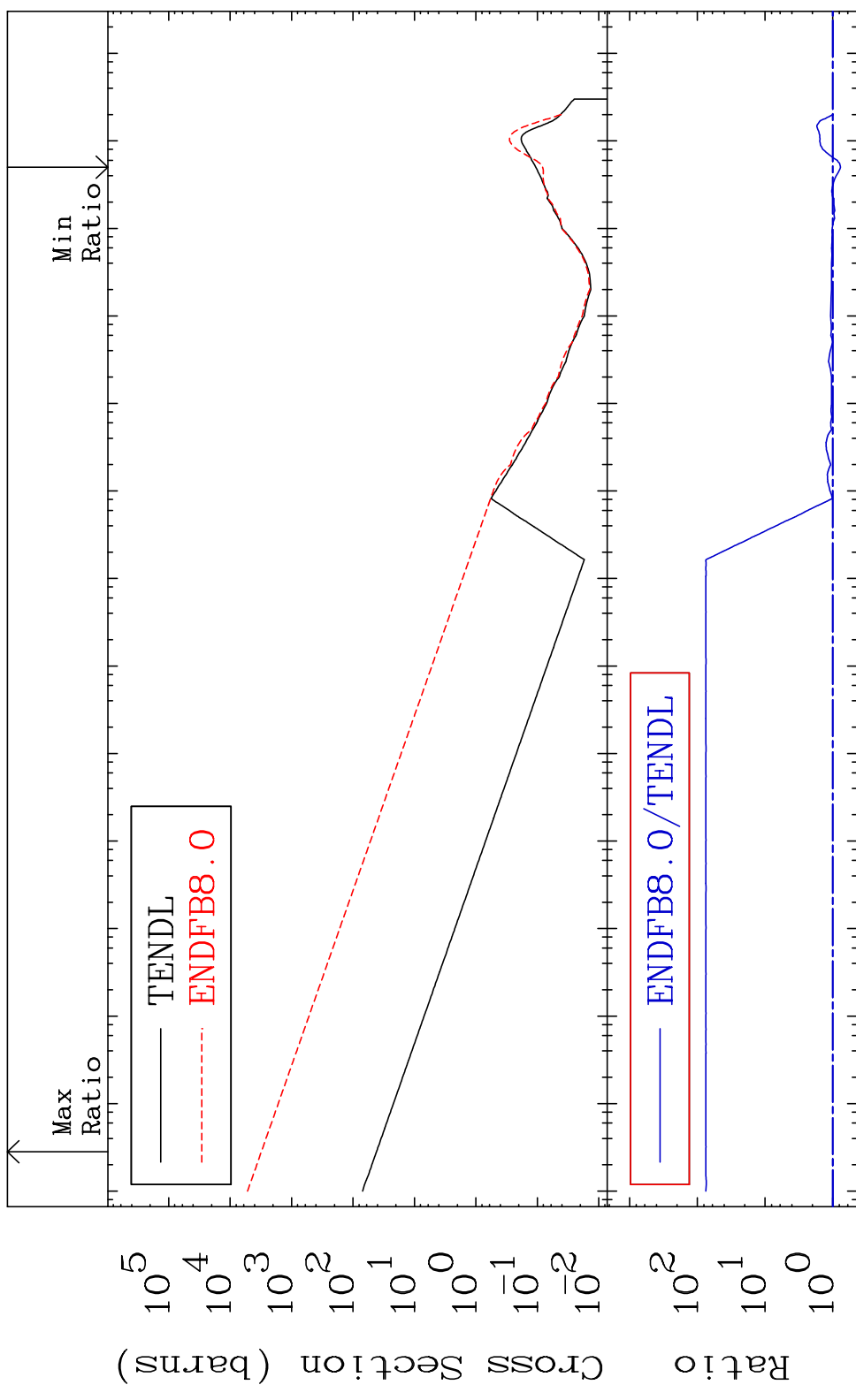
23-V -49

MAT 2322

(n, p)

23-V -49

Cross Section -22.95 To 7408. %

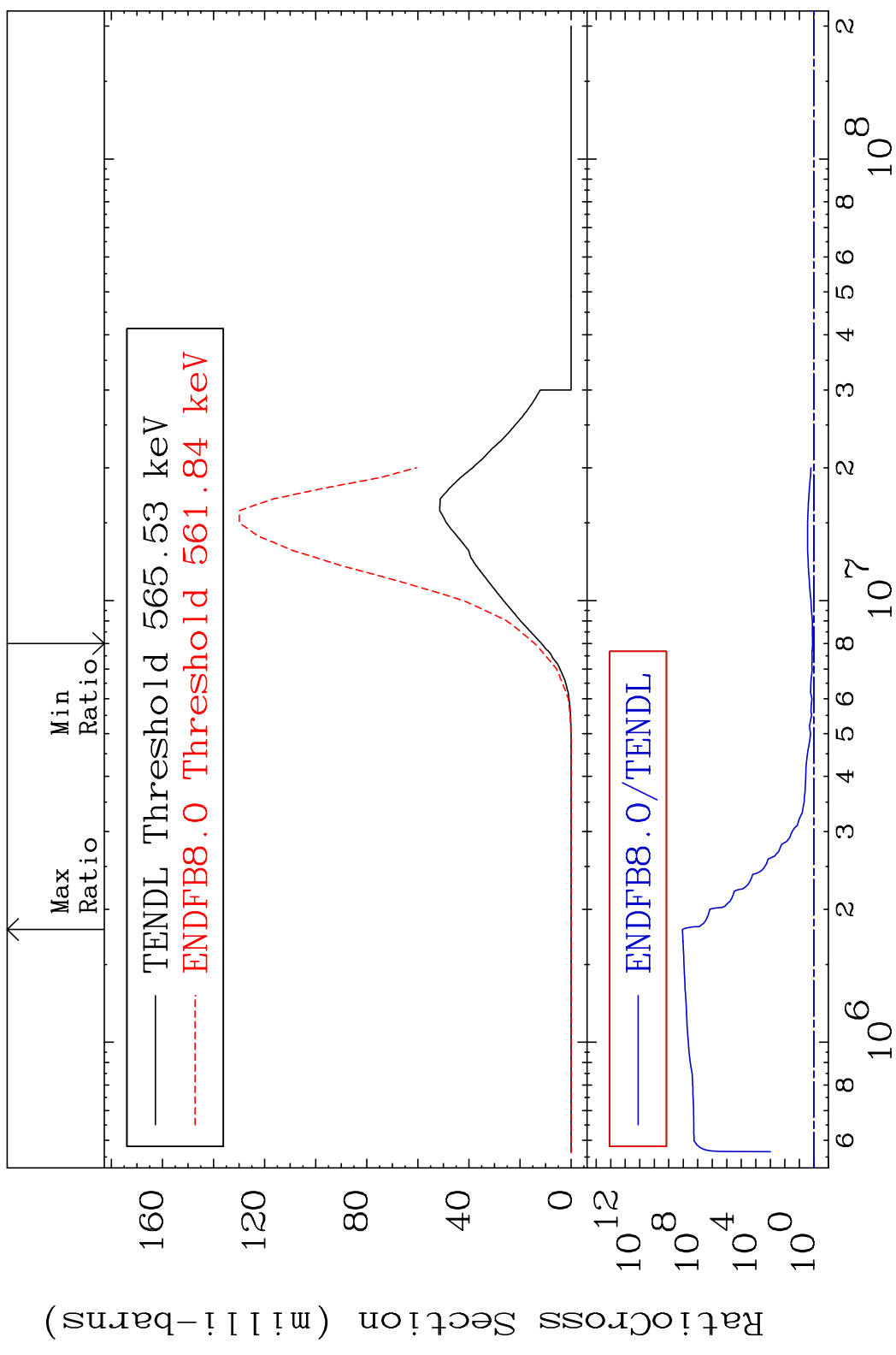


MAT 2322

(n, α)

23-V -49

Cross Section 22.44 To 9999. %

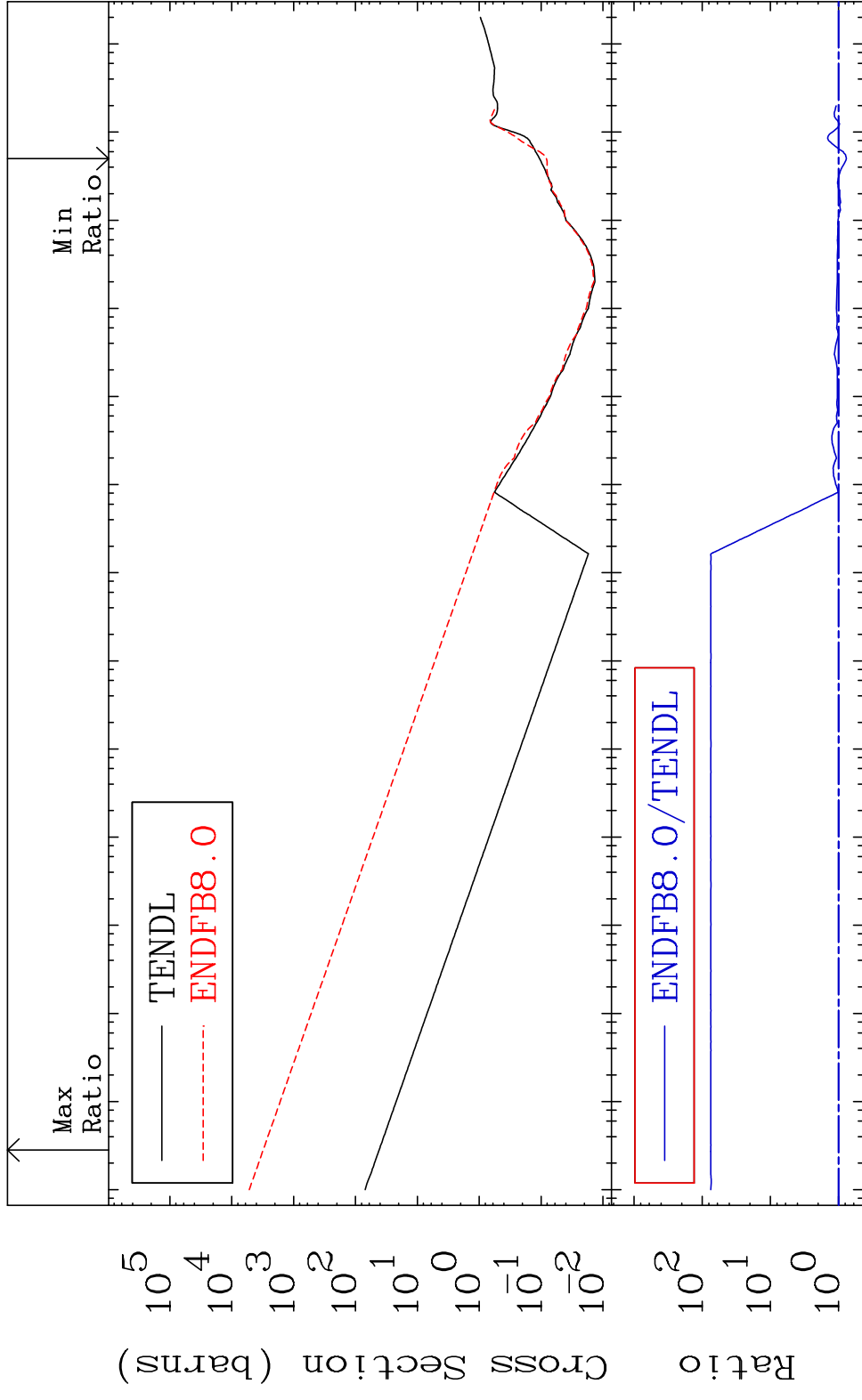


38

Incident Energy (eV)

23-V -49

MAT 2322 Hydrogen Production 23-V -49
 Cross Section -22.95 To 7408. %

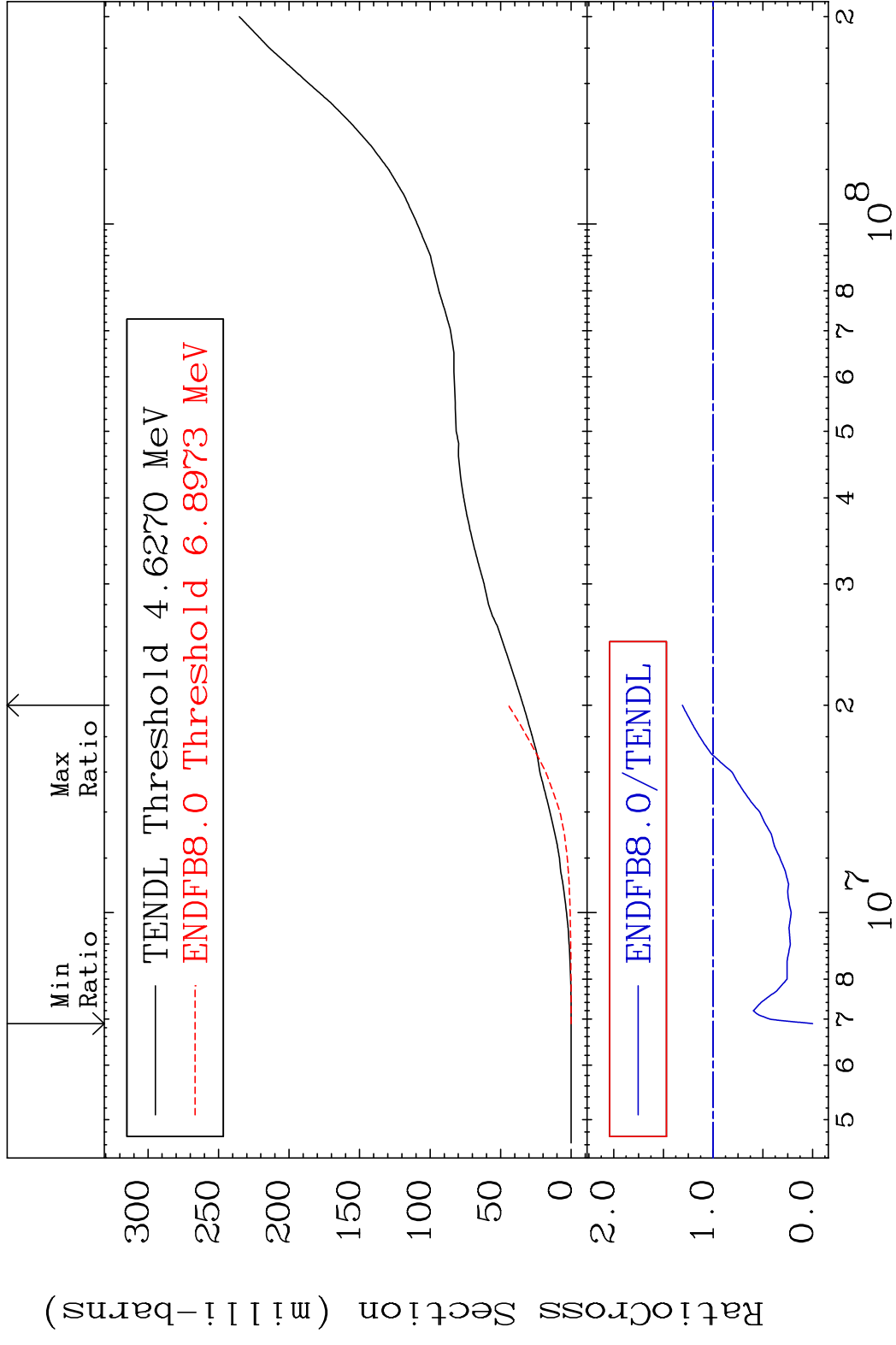


10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

39 Incident Energy (eV) 23-V -49

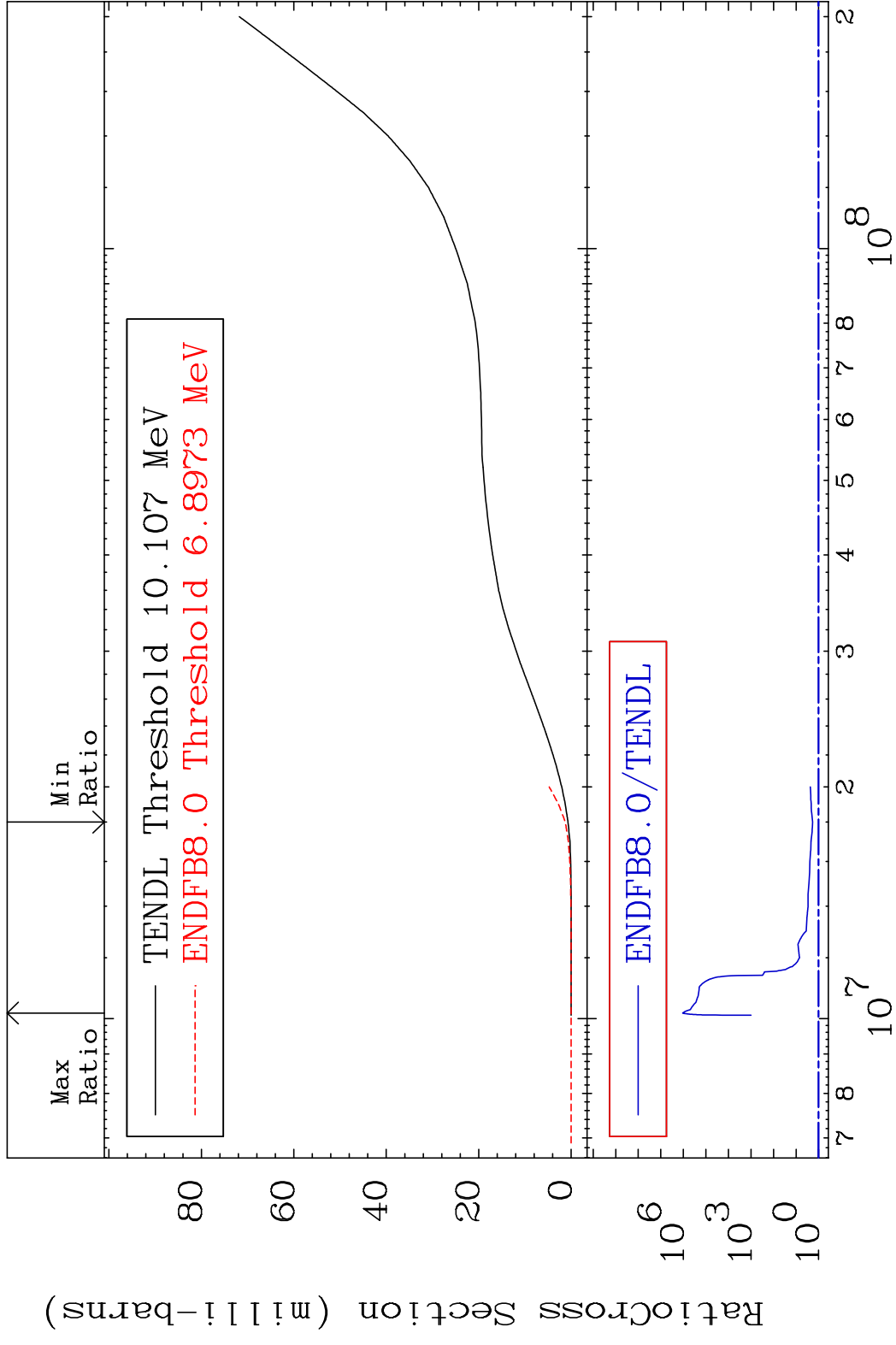
MAT 2322

Deuterium Production 23-V -49
Cross Section -100.0 To 30.92 %

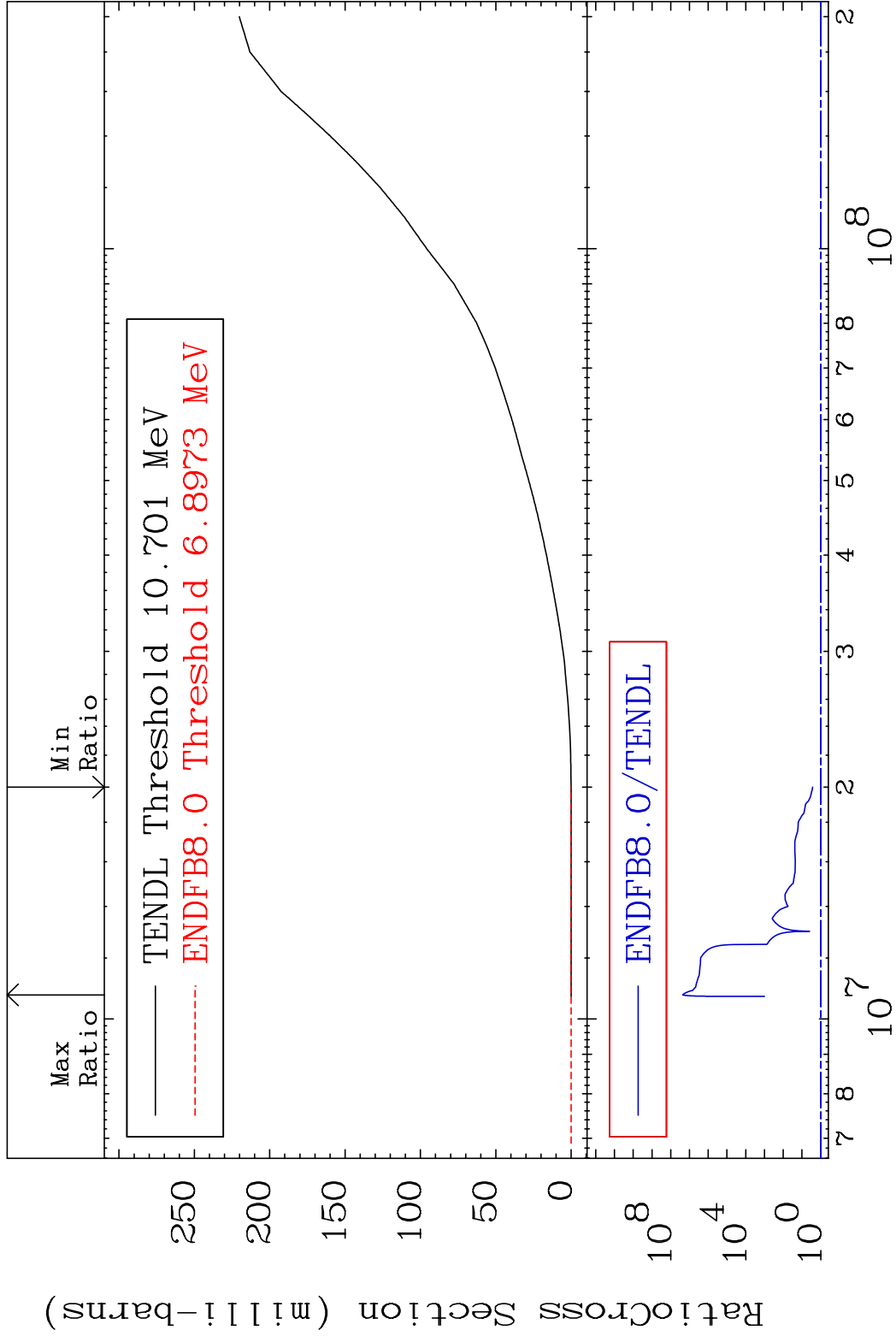


40

Incident Energy (eV) 23-V -49



Cross Section 172.2 To 9999. %

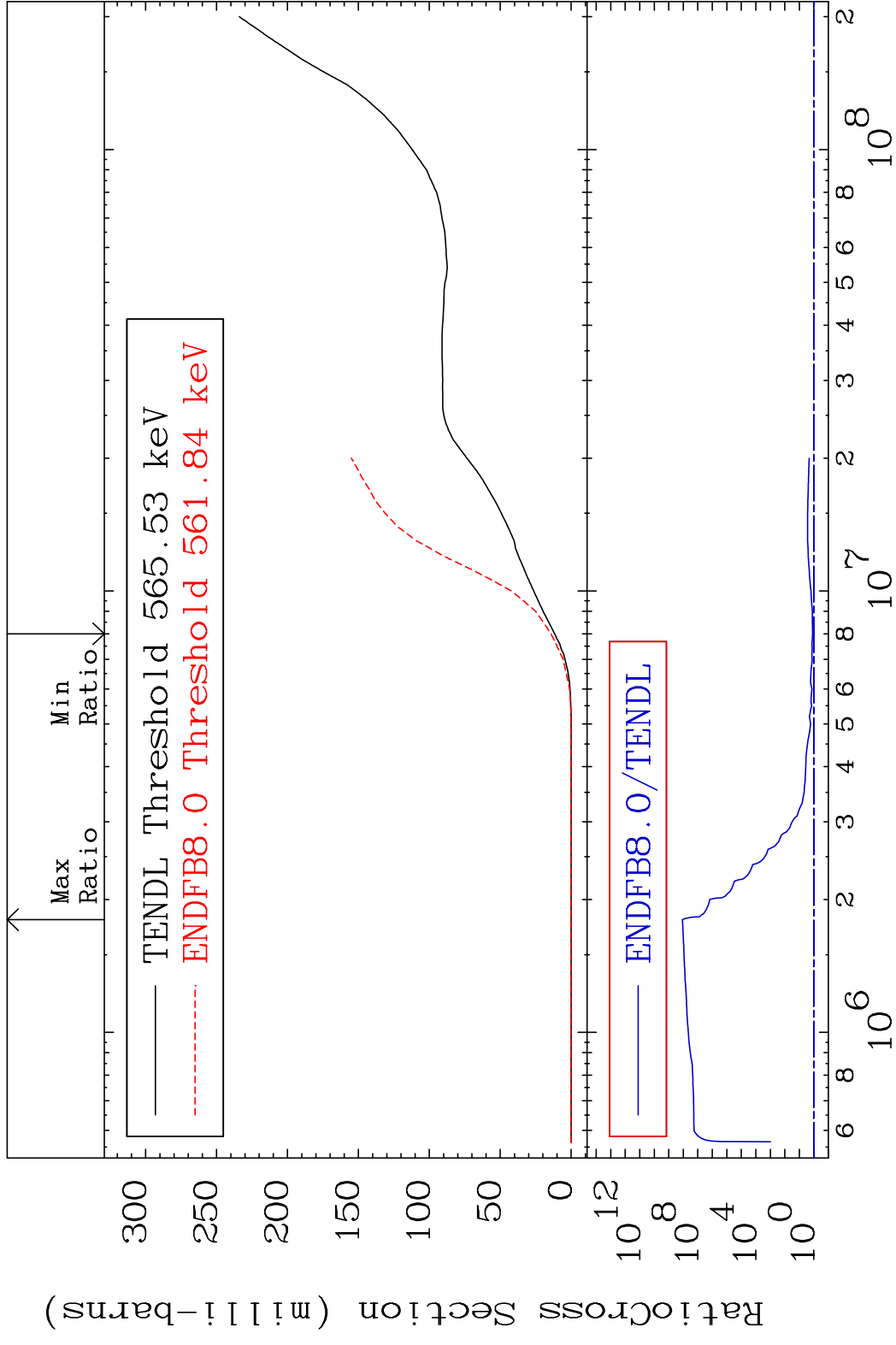


MAT 2322

He-4 Production

23-V -49

Cross Section 22.44 To 9999. %

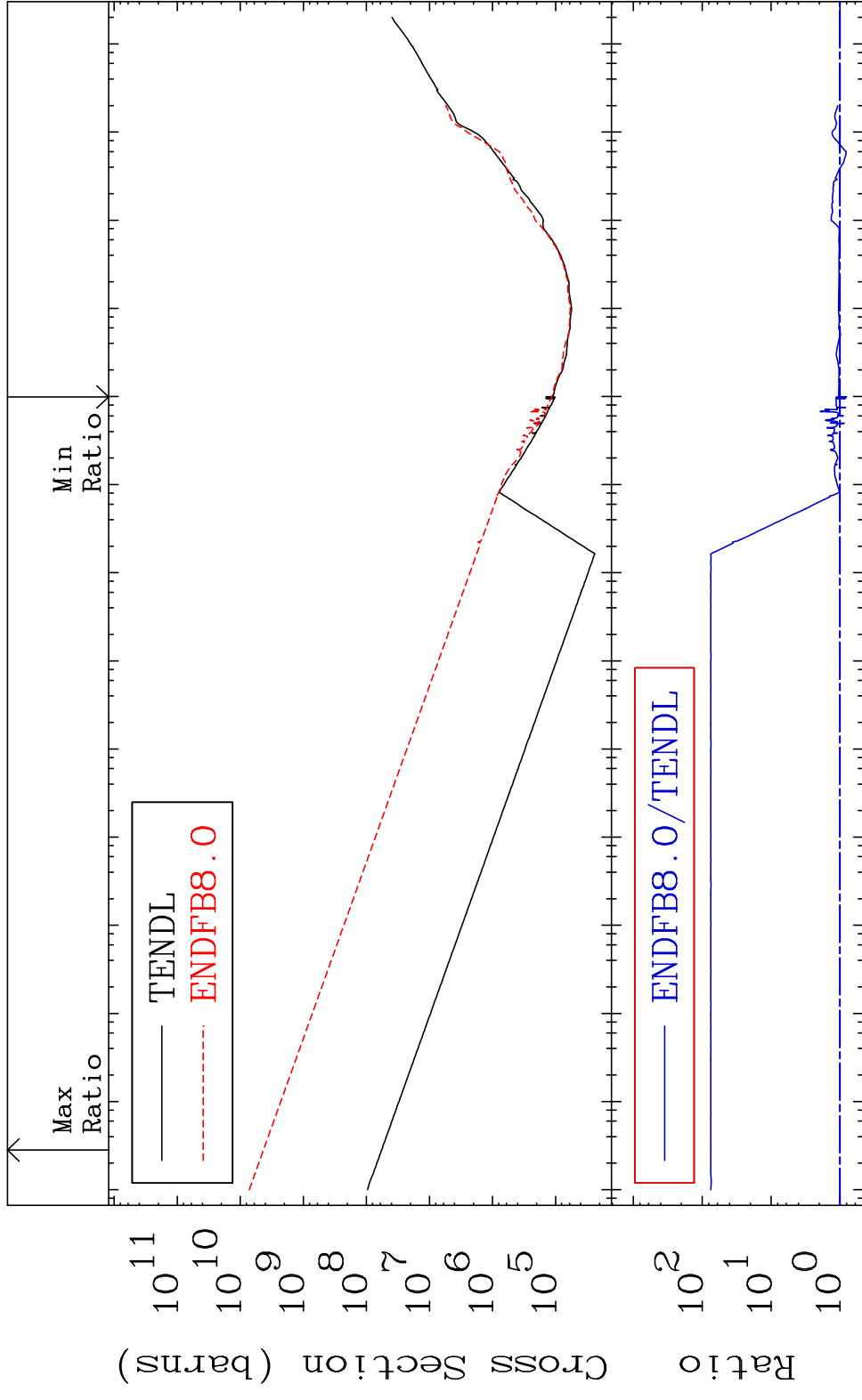


43

Incident Energy (eV)

23-V -49

MAT 2322 Kerma total (eV-barns) 23-V -49
 Cross Section -19.18 To 7408. %

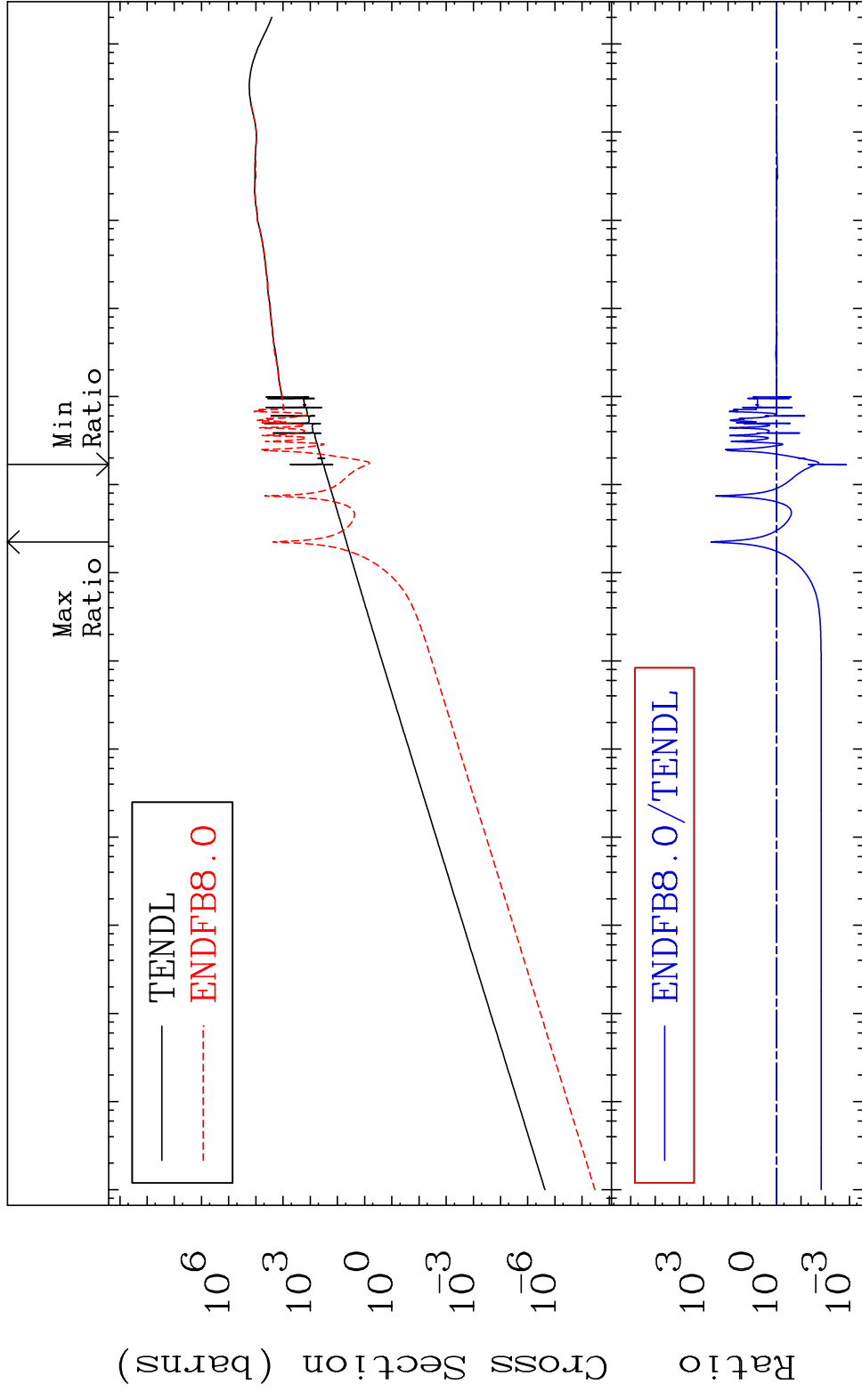


44 Incident Energy (eV) 23-V -49

MAT 2322

Kerma elastic
Cross Section

23-V -49
-99.86 To 9999. %

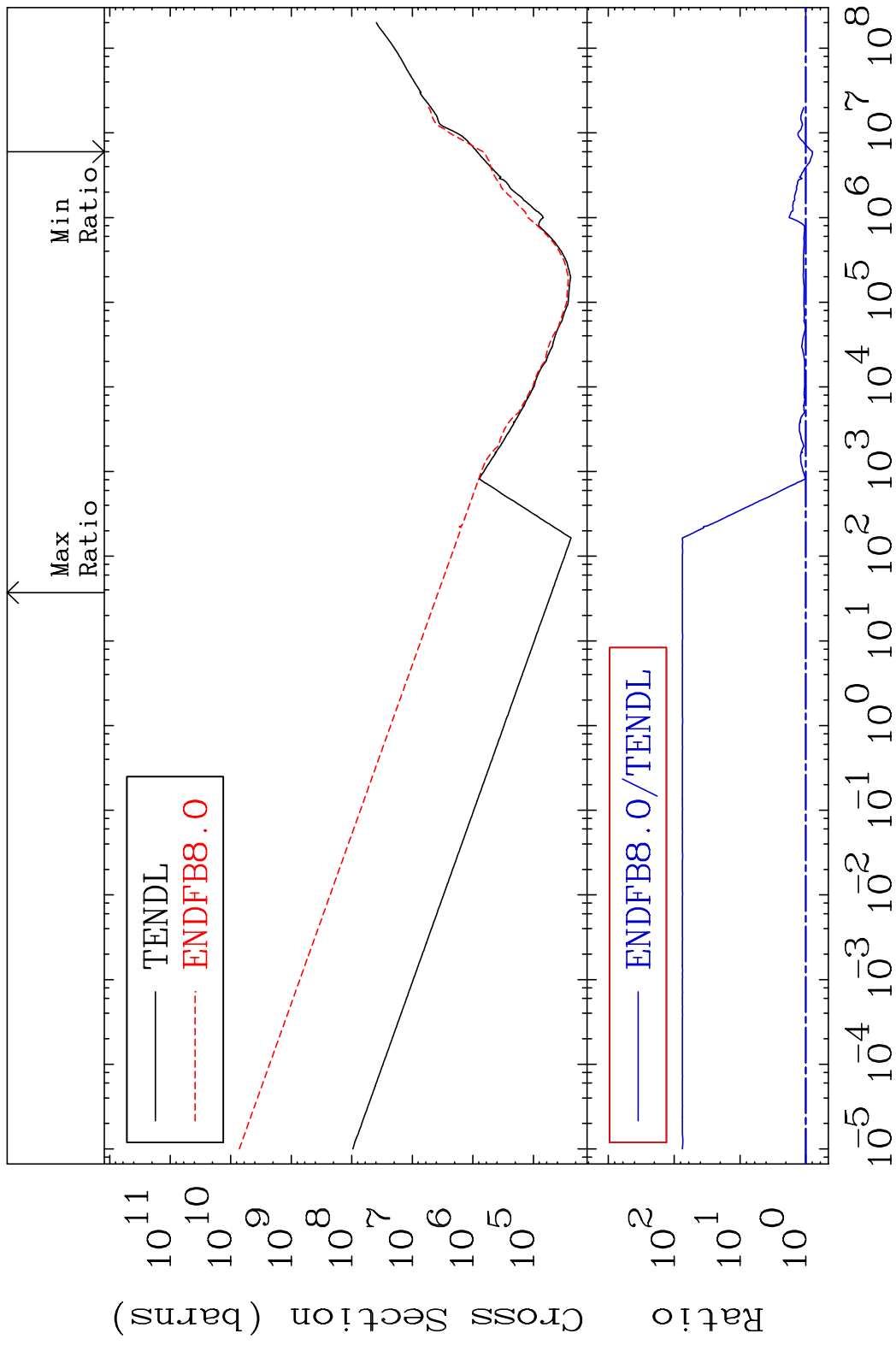


45

Incident Energy (eV)

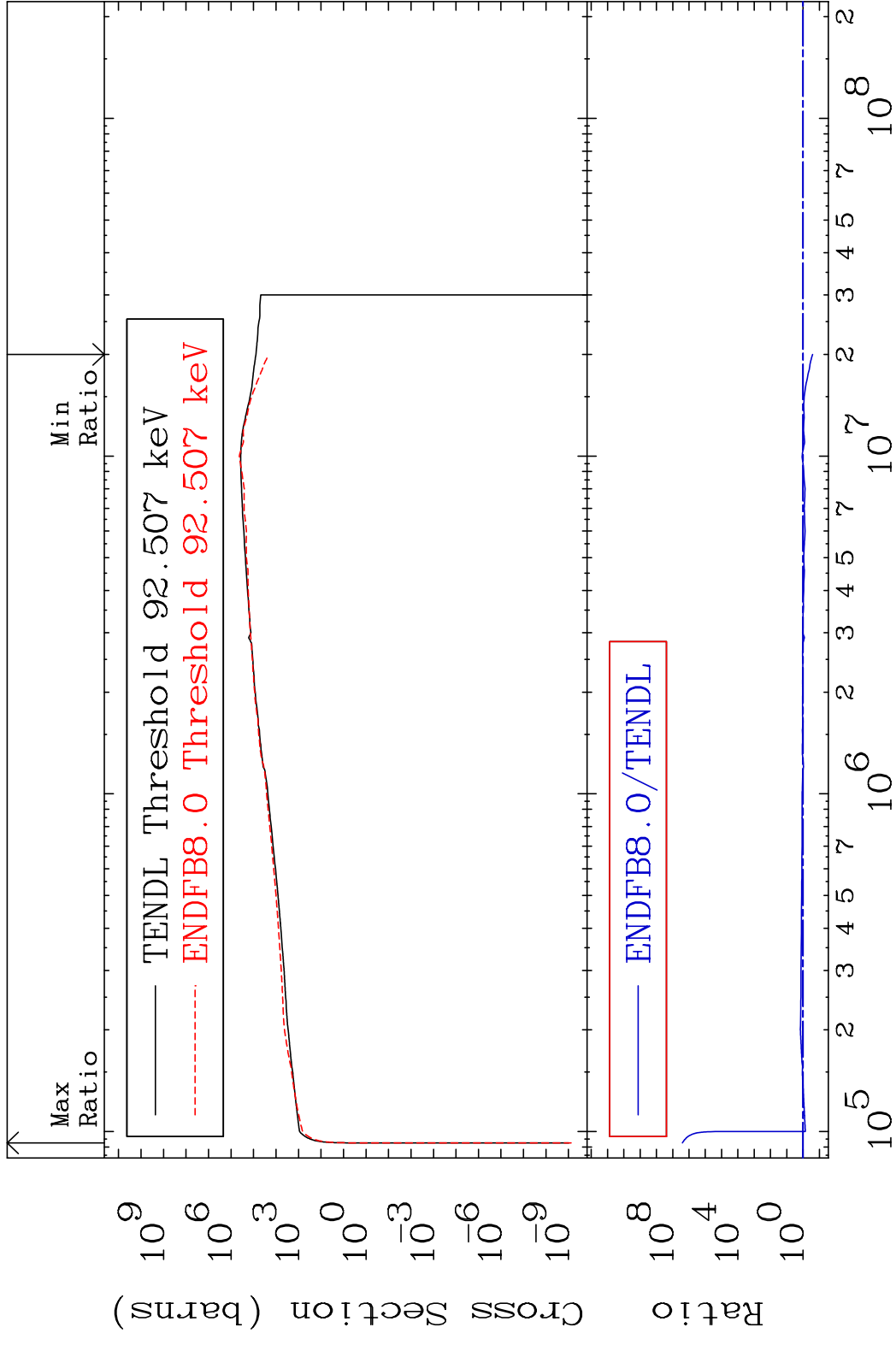
23-V -49

MAT 2322 Kerma non-elastic (all but mt2) 23-V -49
 Cross Section -20.99 To 7408. %



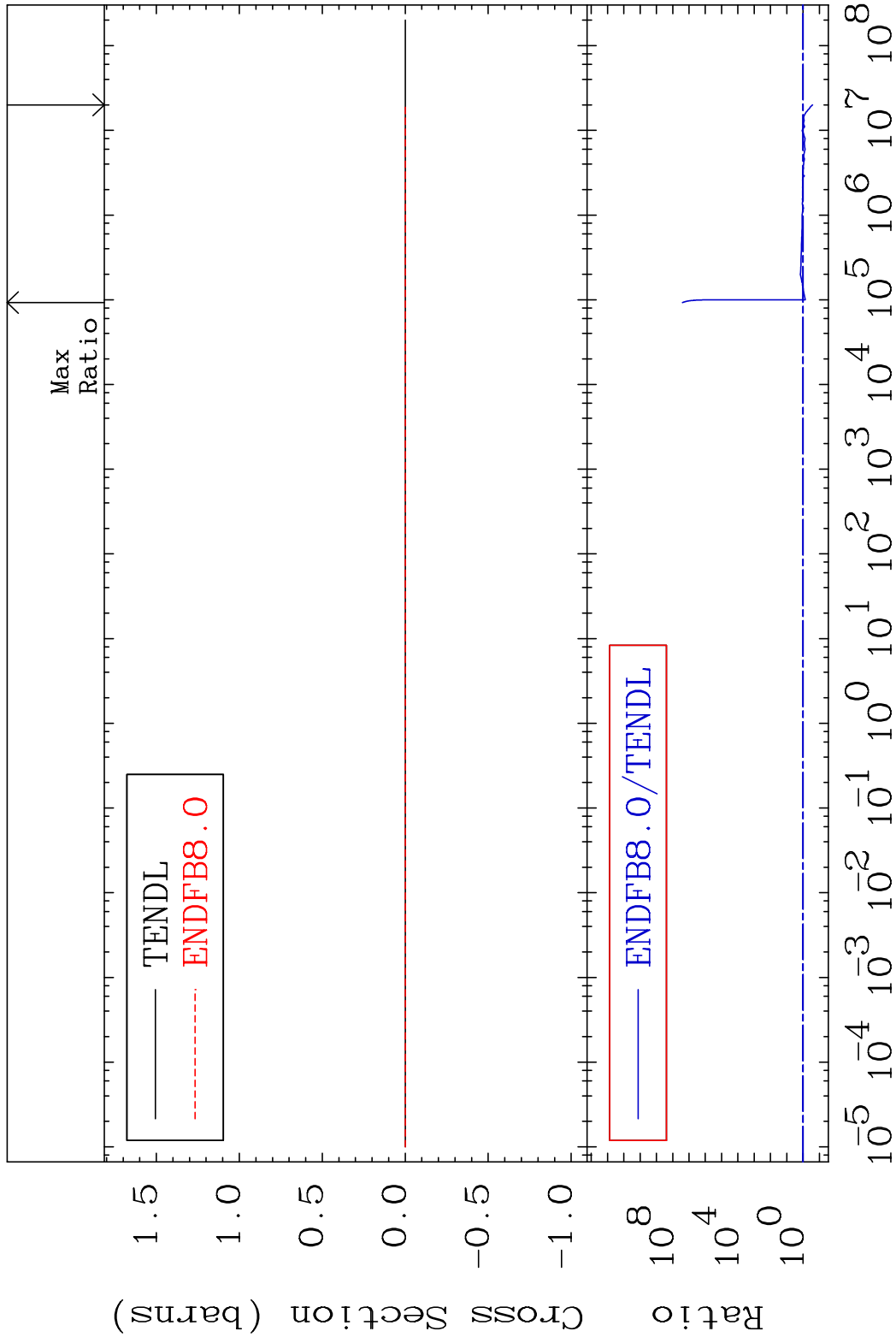
46 Incident Energy (eV) 23-V -49

MAT 2322 Kerma inelastic (mt51-91) 23-V -49
 Cross Section -73.83 To 9999. %



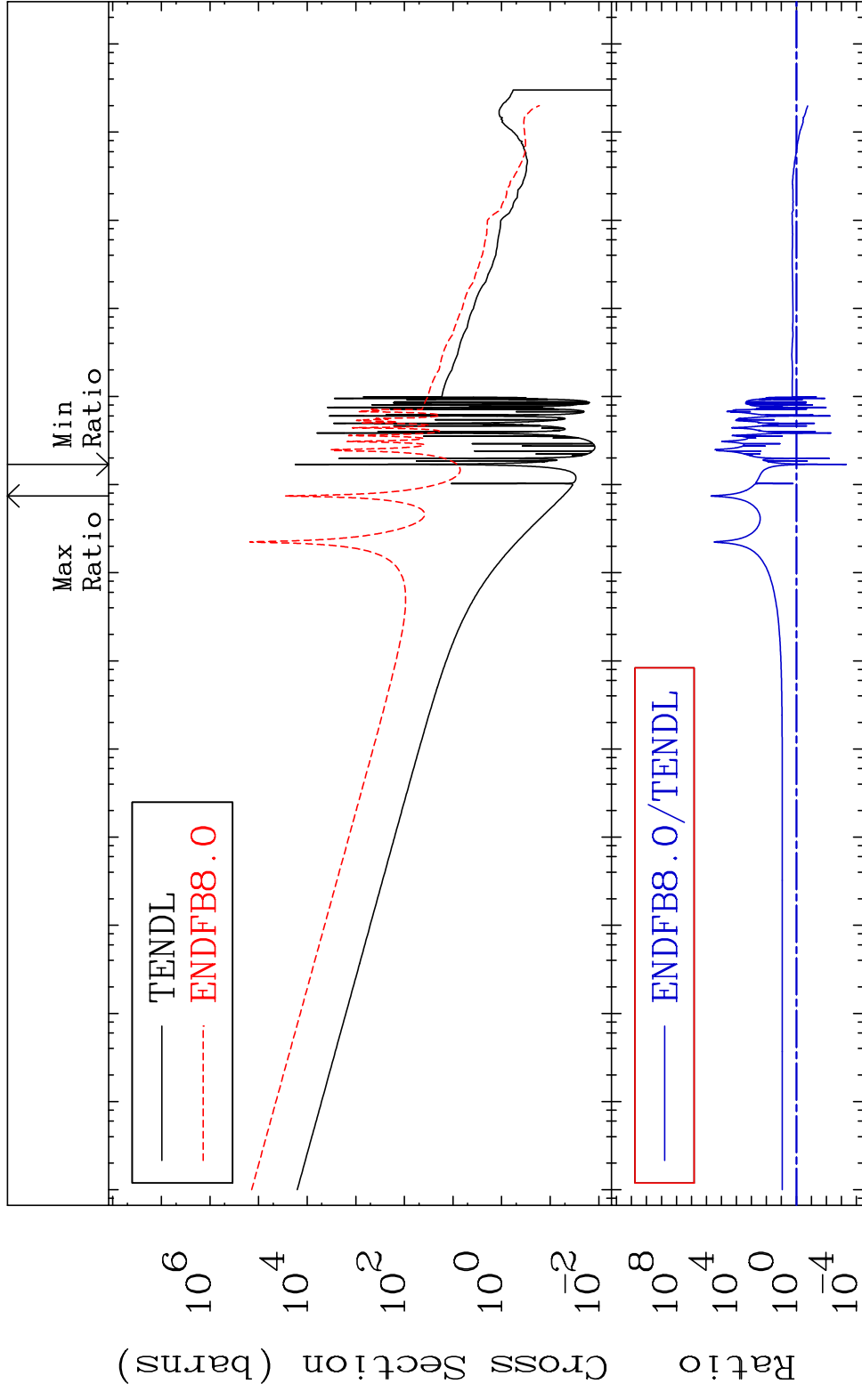
47 Incident Energy (eV) 23-V -49

MAT 2322 Kerma fission (mt18 or mt19-20-21-38) 23-V -49
 Cross Section -73.83 To 9999. %



MAT 2322

Kerma capture (mt102) 23-V -49
Cross Section -99.95 To 9999. %

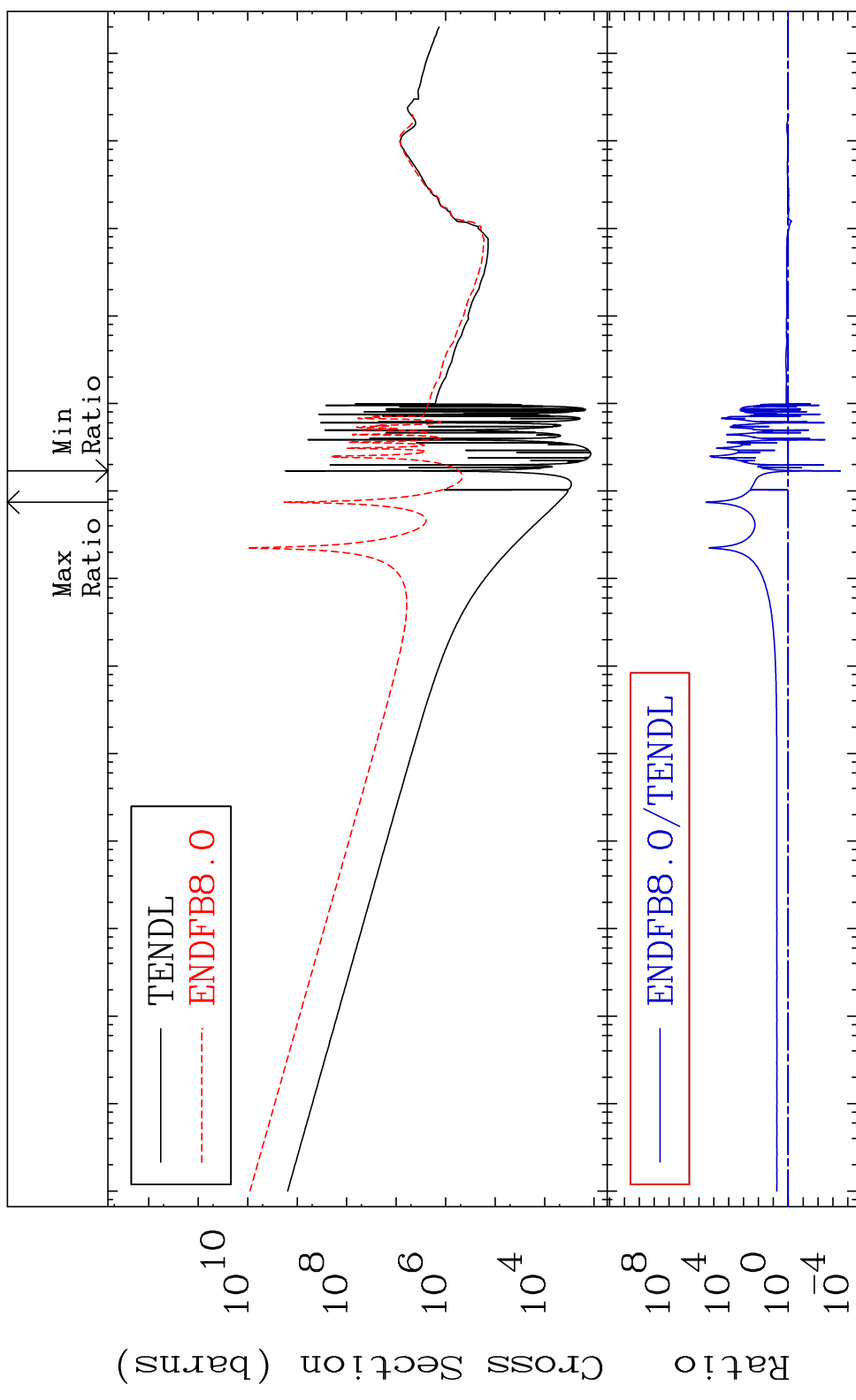


49

Incident Energy (eV) 23-V -49

MAT 2322

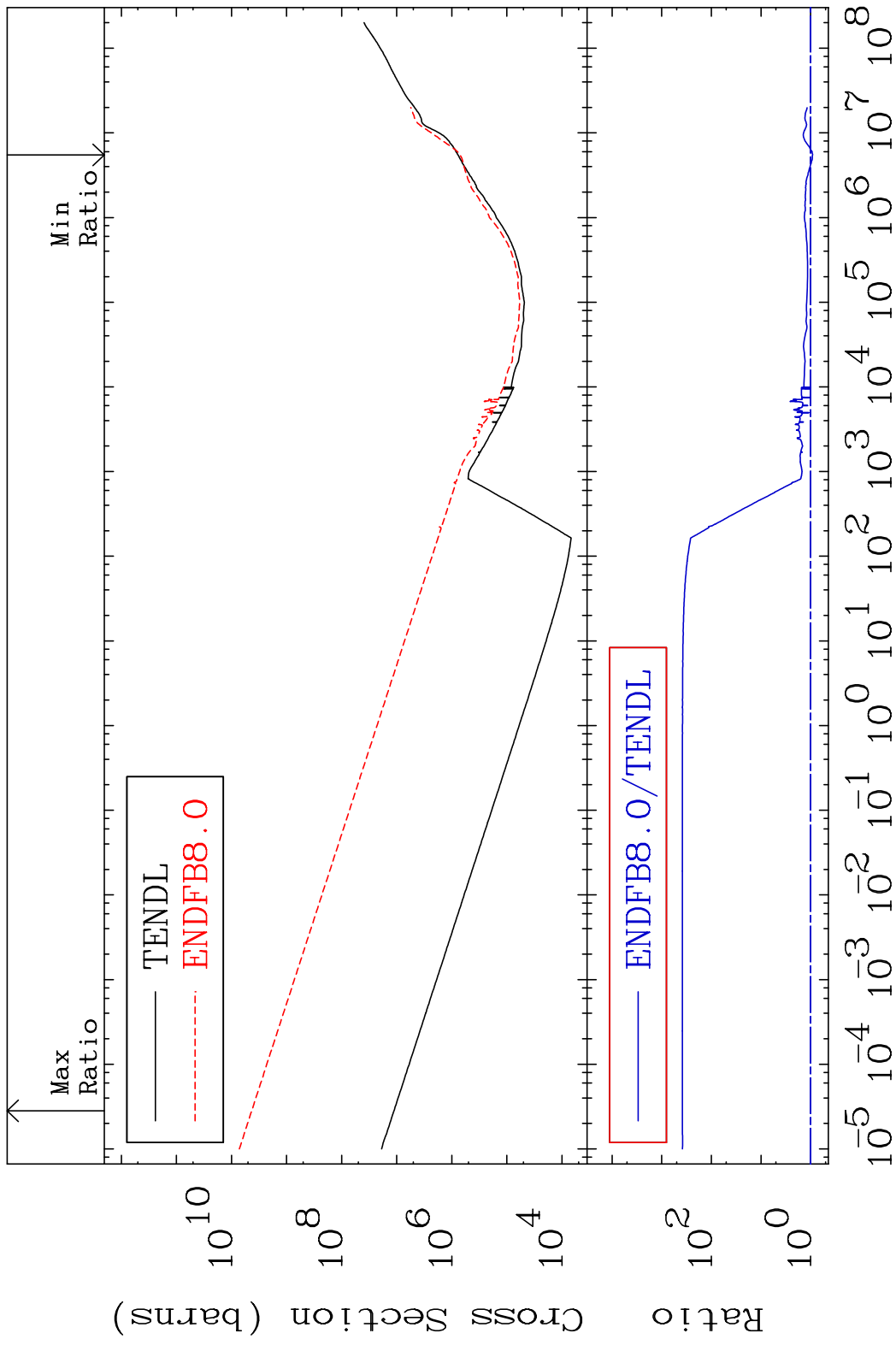
Total photon (eV-barns) 23-V -49
Cross Section -99.97 To 9999. %



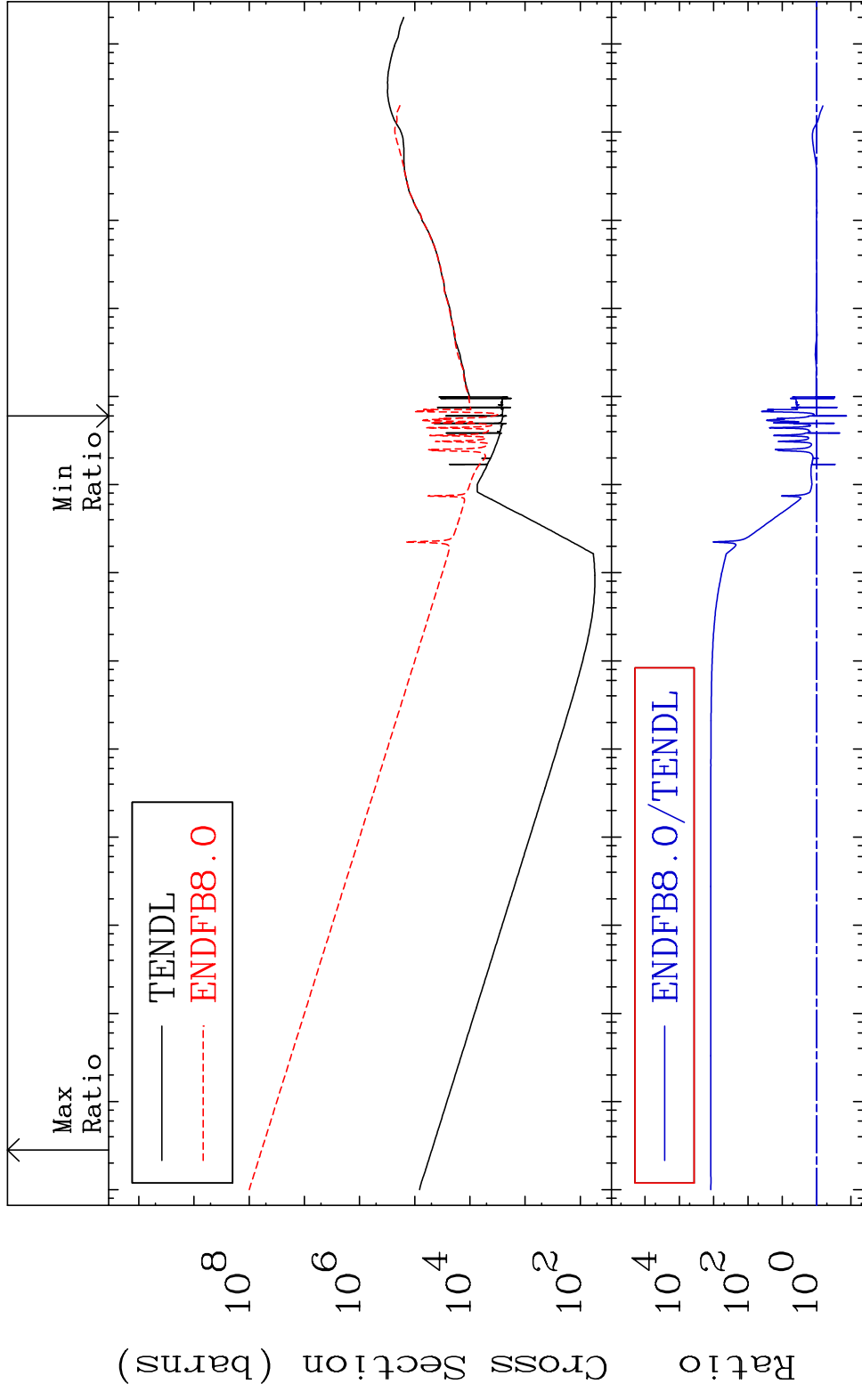
50

Incident Energy (eV) 23-V -49

MAT 2322 Total kinematic kerma (high limit) 23-V -49
 Cross Section -8.758 To 9999. %



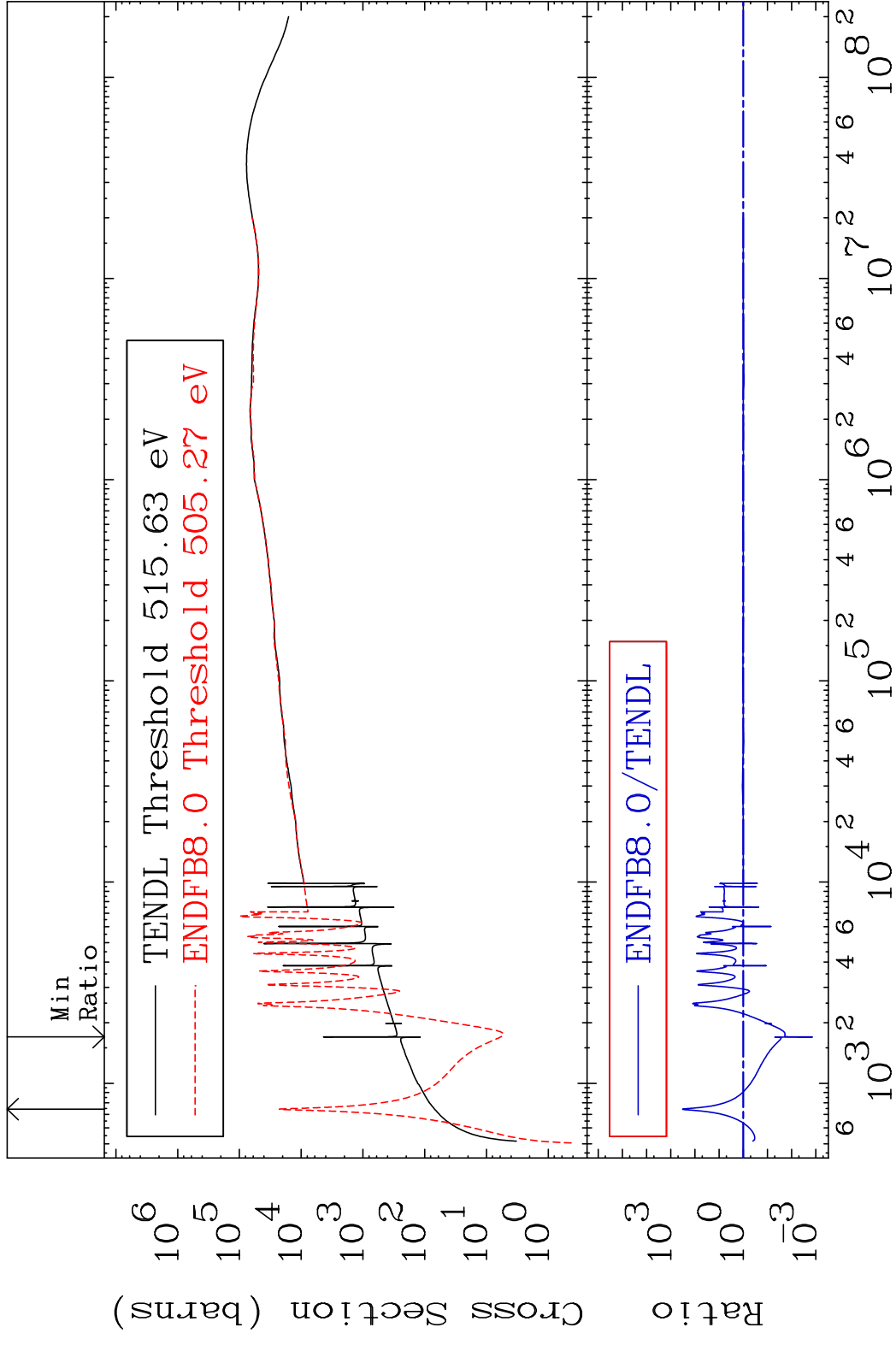
MAT 2322 Dpa total (eV-barns) 23-V -49
 Cross Section -86.39 To 9999. %



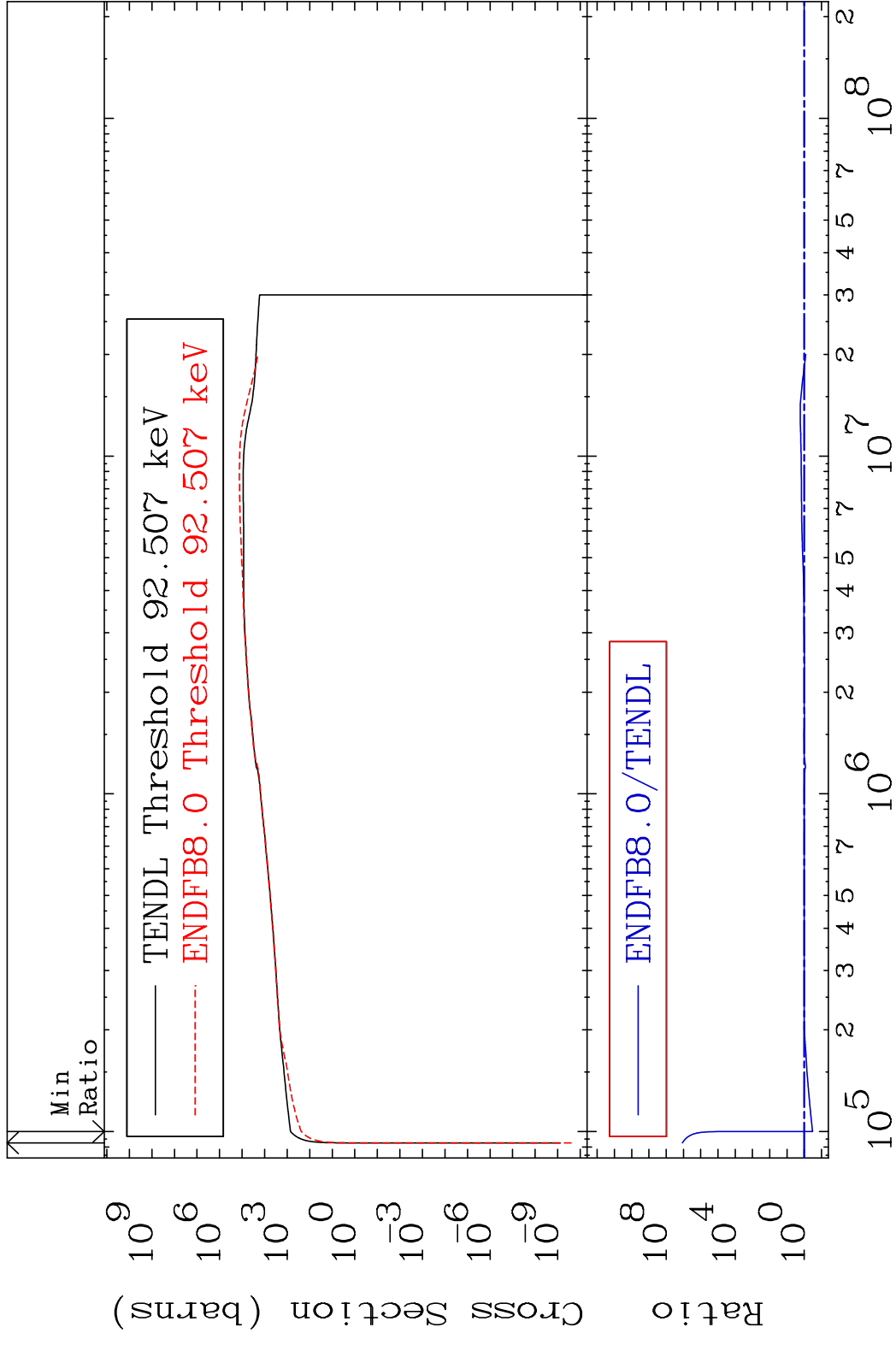
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

52 Incident Energy (eV) 23-V -49

MAT 2322 Dpa elastic (mt2) 23-V -49
 Cross Section -99.86 To 9999. %



MAT 2322 Dpa inelastic (mt51-91) 23-V -49
 Cross Section -66.85 To 9999. %



MAT 2322 Dpa disappearance (mt102 -120) 23-V -49
 Cross Section -64.73 To 9999. %

