

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

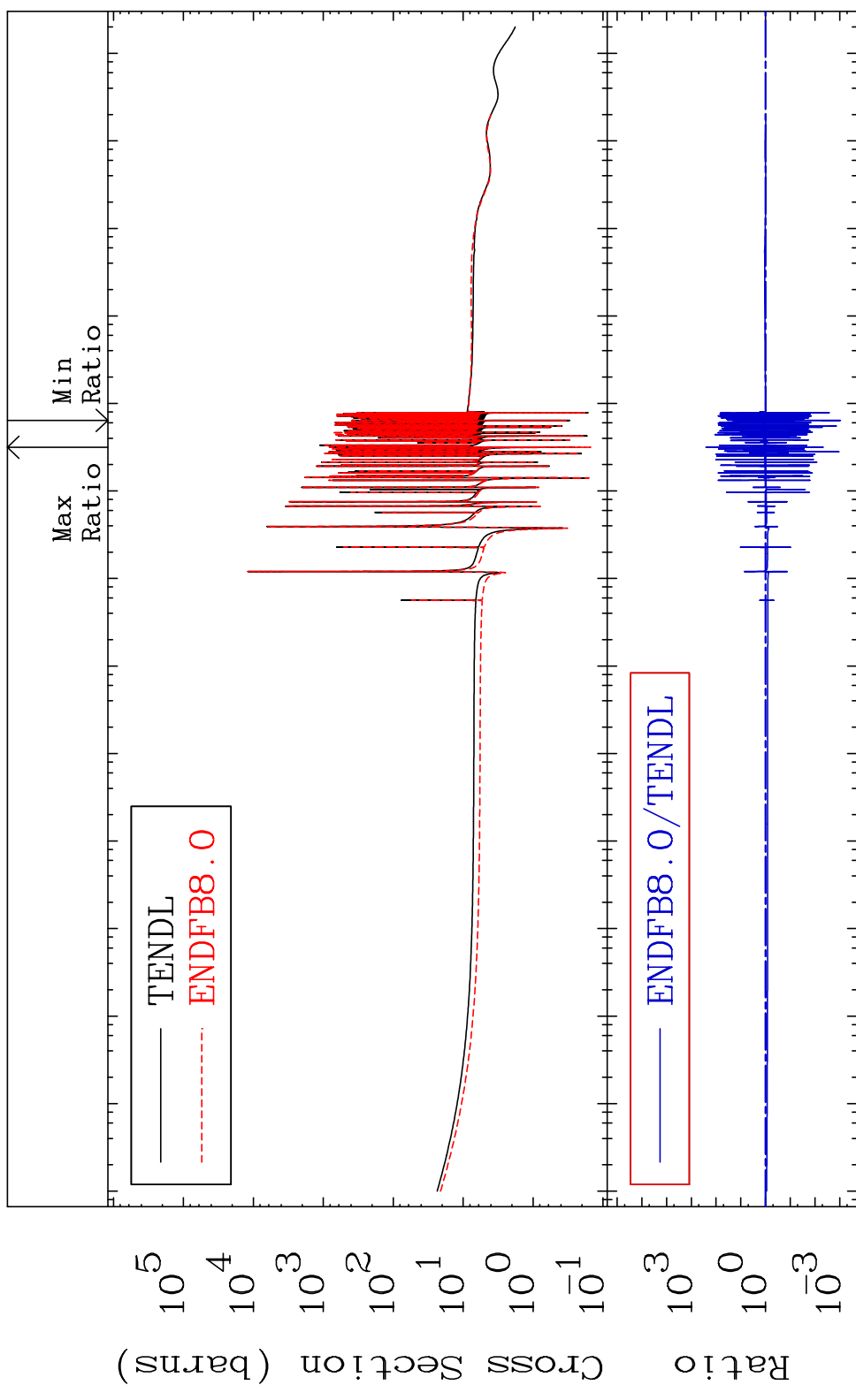
MAT 4849

Total

48-Cd-114

Cross Section

-99.91 To 9999. %



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

1

Incident Energy (eV)

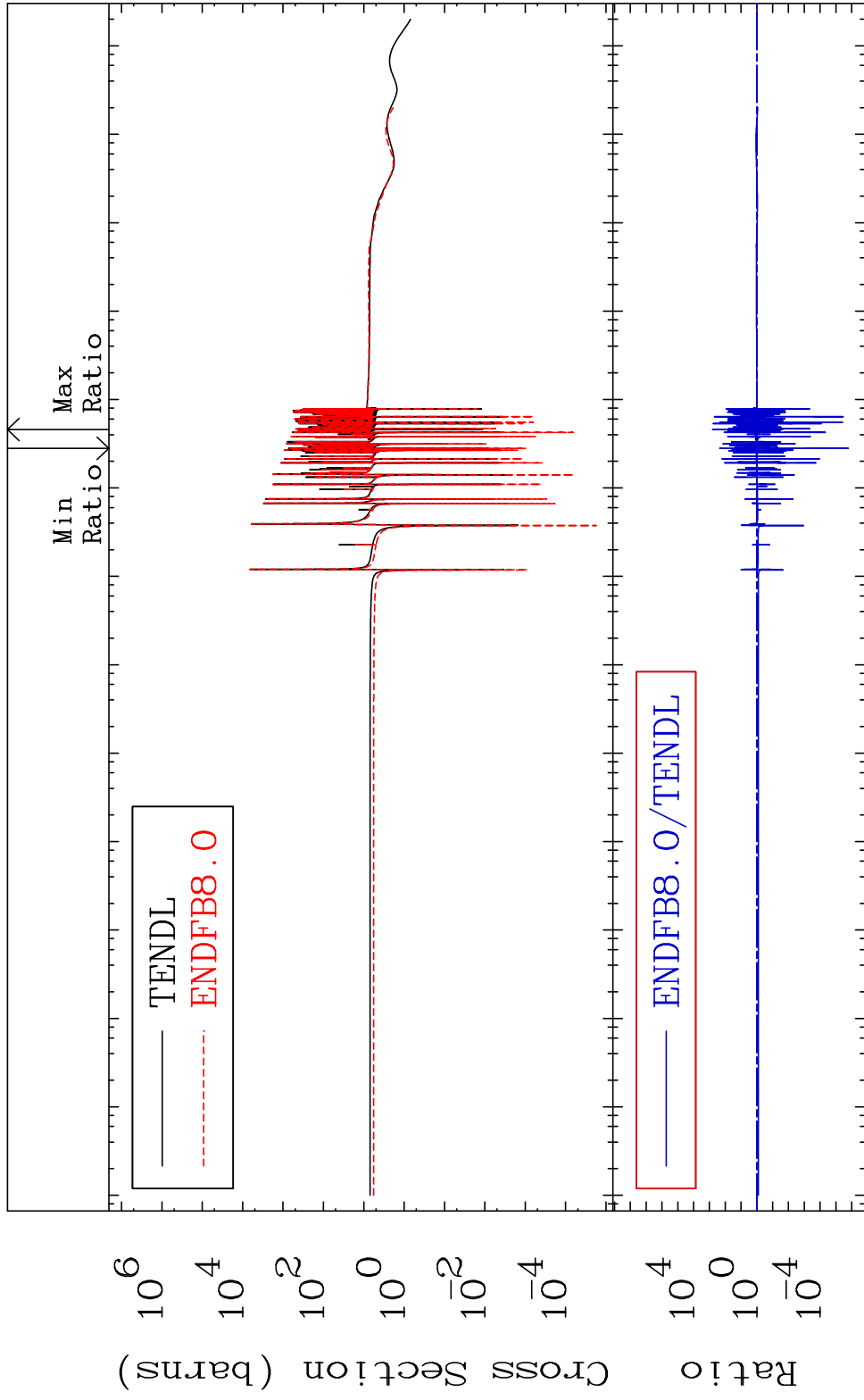
48-Cd-114

MAT 4849

Elastic

48-Cd-114

Cross Section -100.0 To 9999. %

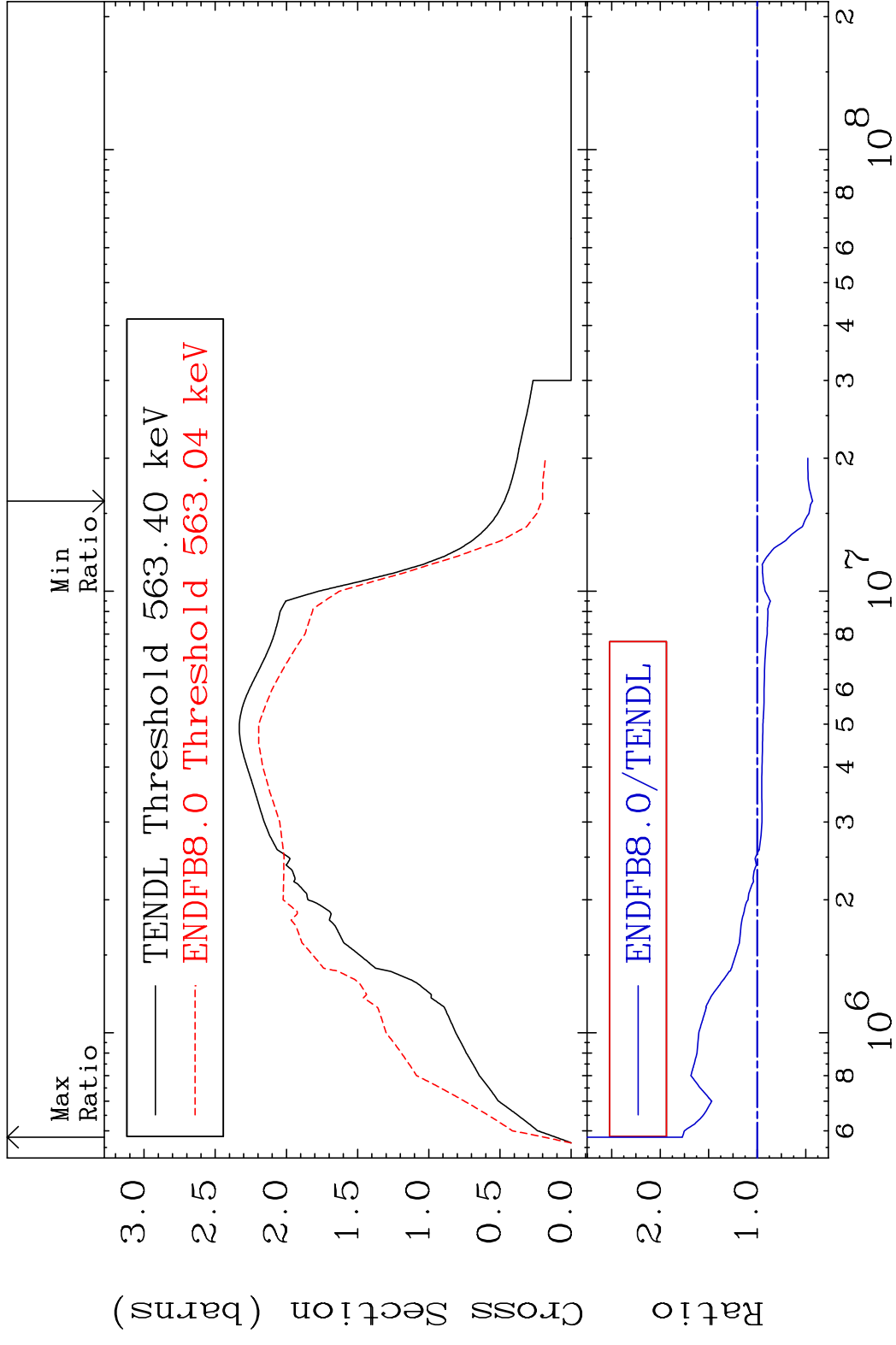


2

Incident Energy (eV)

48-Cd-114

MAT 4849 Inelastic 48-Cd-114
 Cross Section -57.06 To 77.13 %

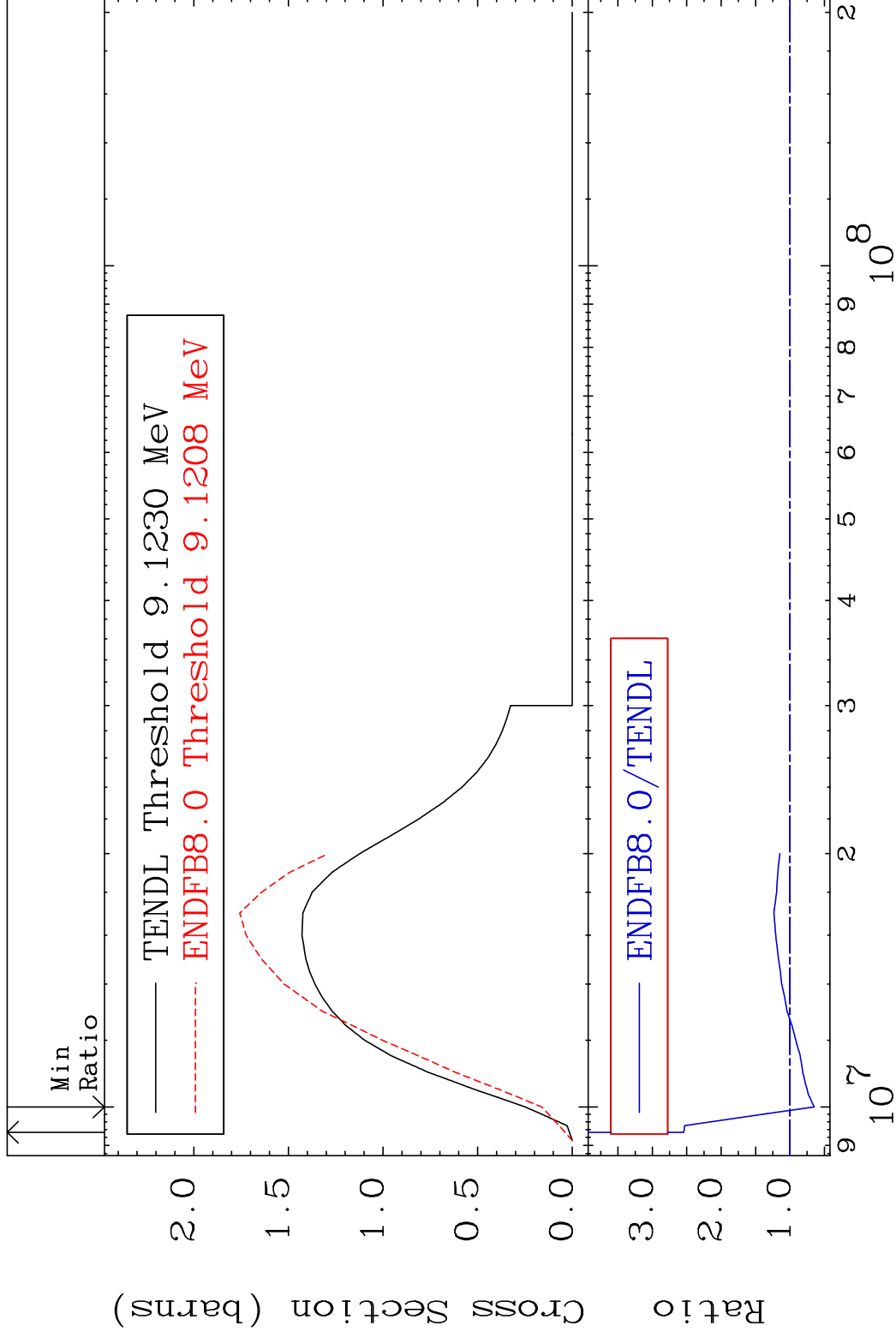


MAT 4849

(n,2n)

48-Cd-114

Cross Section -35.09 To 154.5 %



4

Incident Energy (eV)

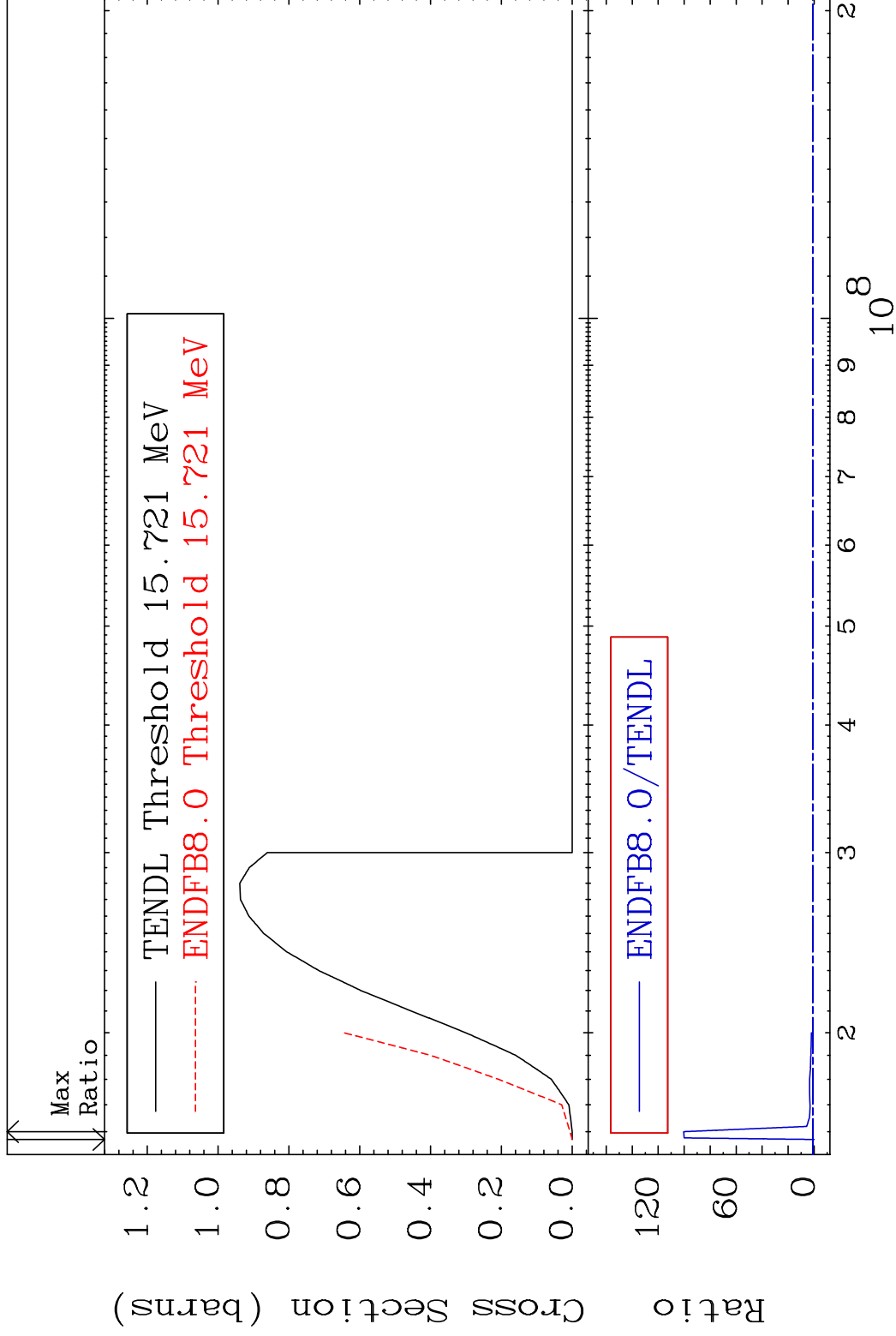
48-Cd-114

MAT 4849

(n,3n)

48-Cd-114

Cross Section -100.0 To 9941. %



5

Incident Energy (eV)

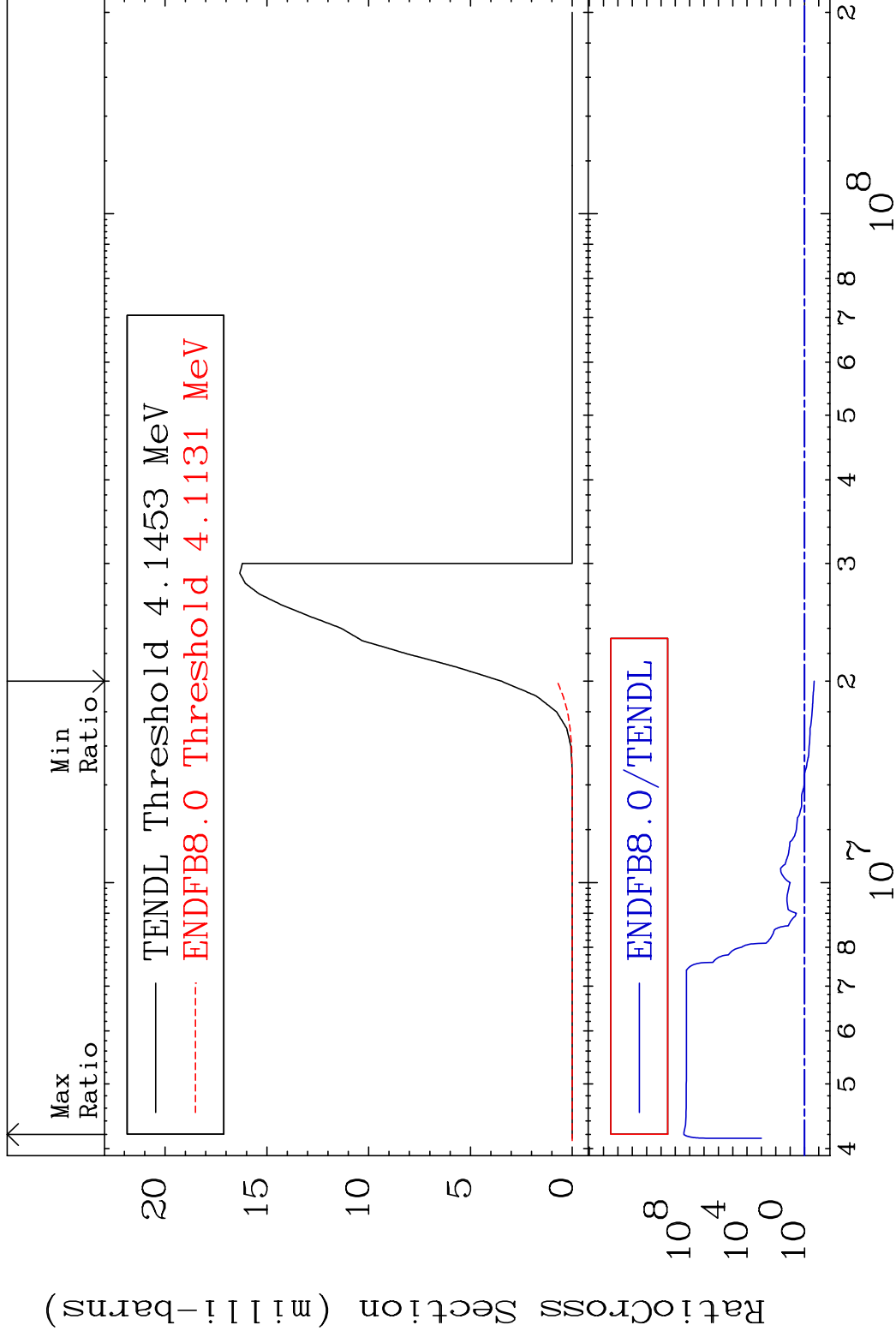
48-Cd-114

MAT 4849

(n, n') α

48-Cd-114

Cross Section -78.71 To 9999. %



6

Incident Energy (eV)

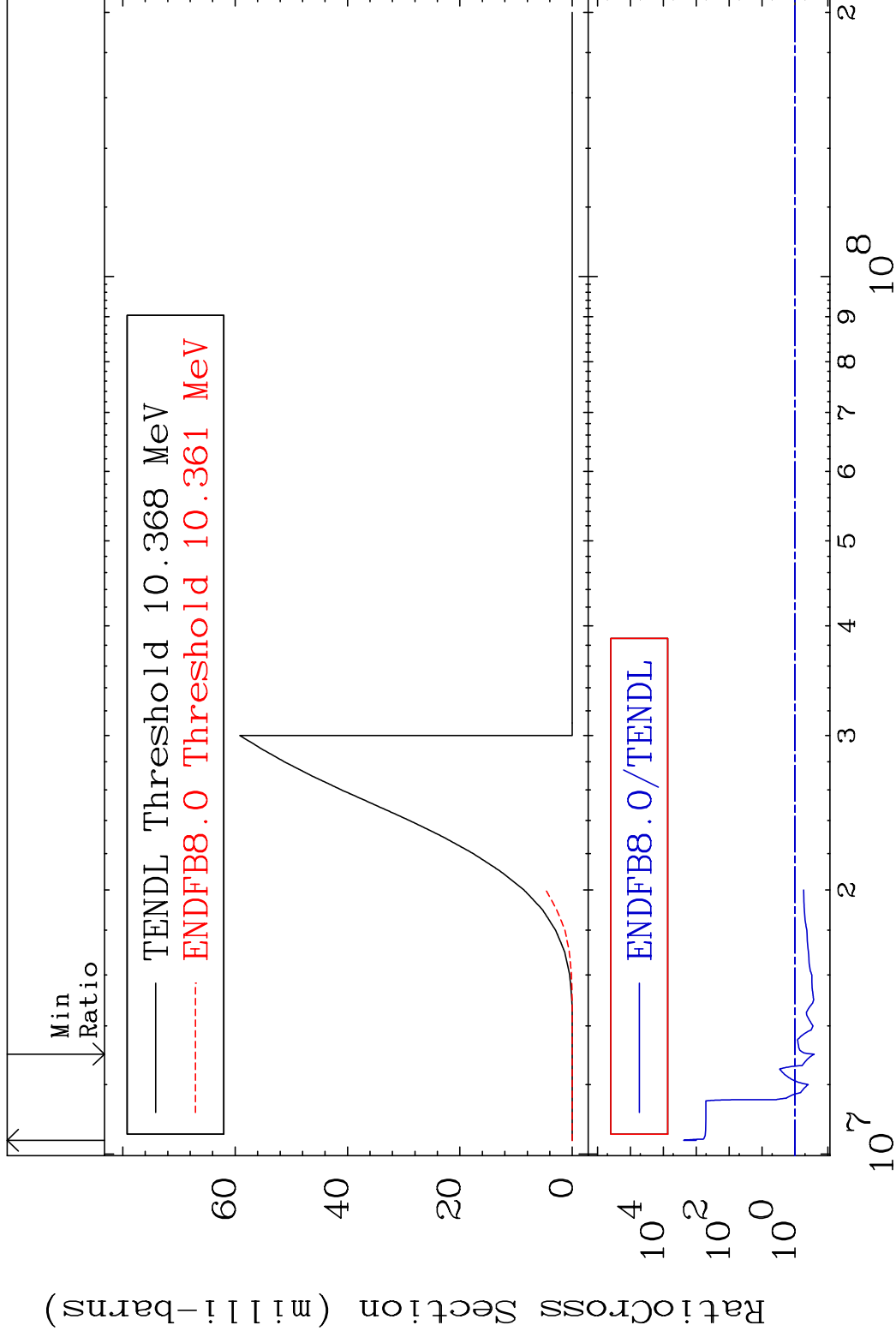
48-Cd-114

MAT 4849

(n, n') p

48-Cd-114

Cross Section -73.71 To 9999. %



7

Incident Energy (eV)

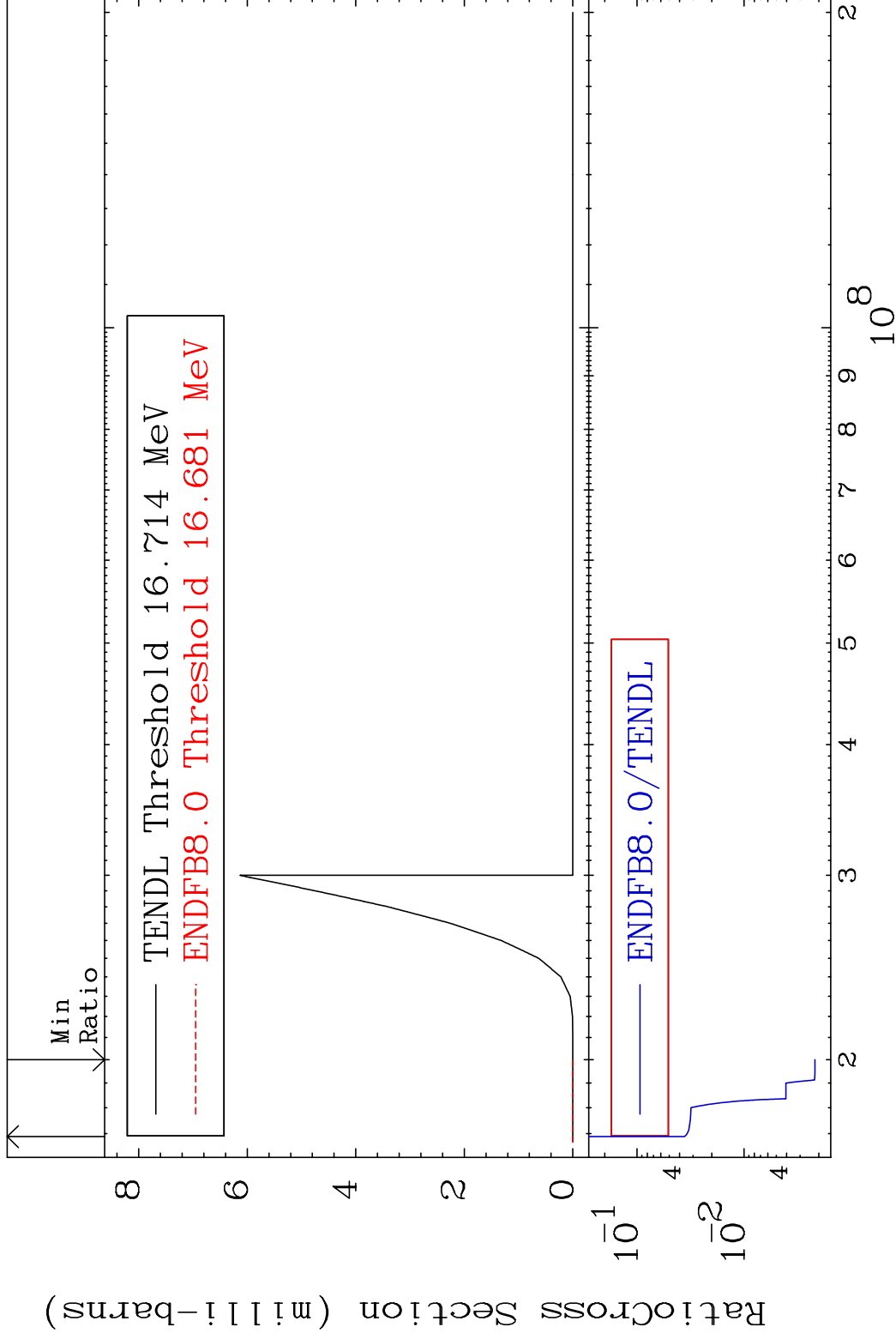
48-Cd-114

MAT 4849

(n, n') d

48-Cd-114

Cross Section -99.78 To -96.39%



8

Incident Energy (eV)

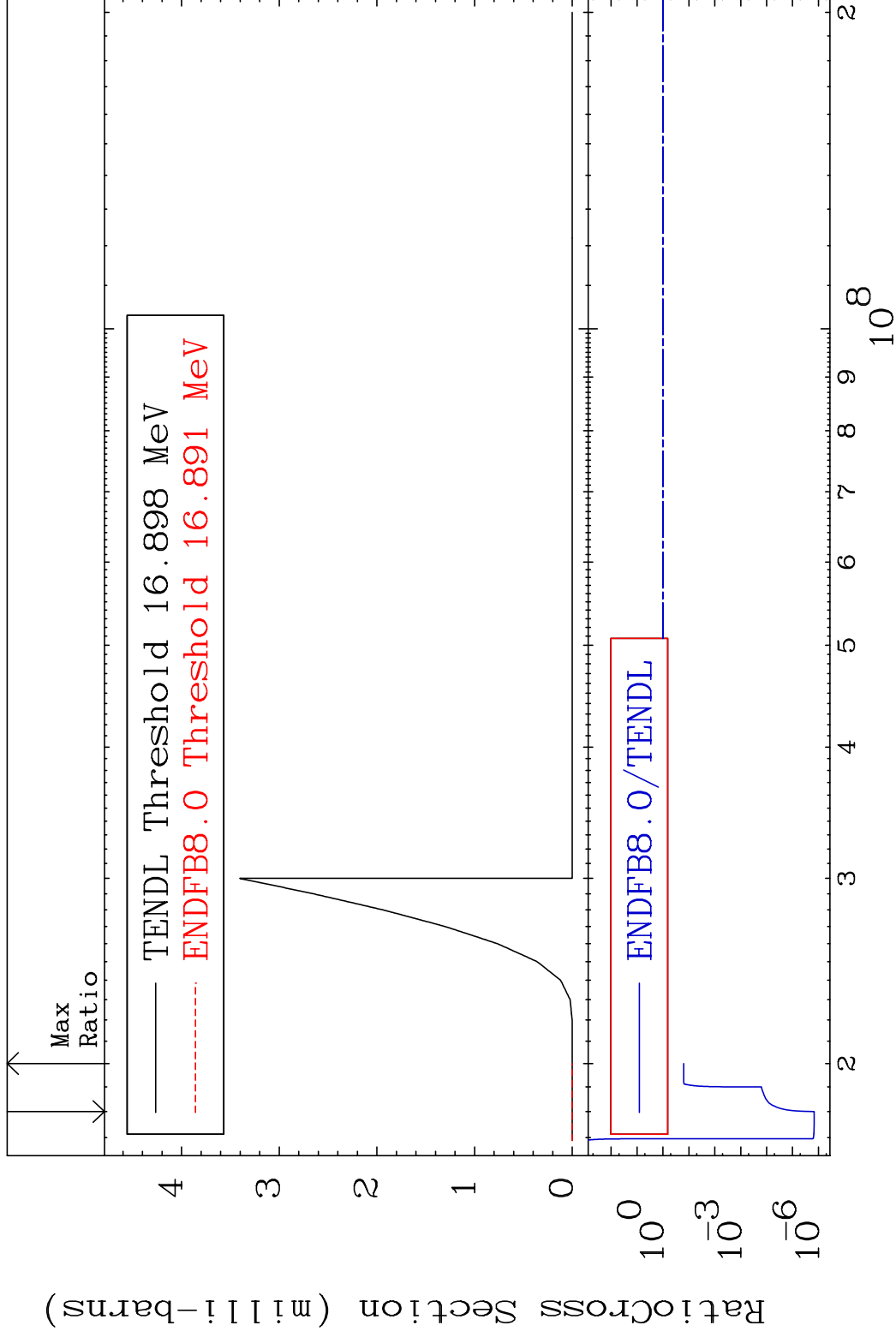
48-Cd-114

MAT 4849

(n, n') t

48-Cd-114

Cross Section -100.0 To -84.11%

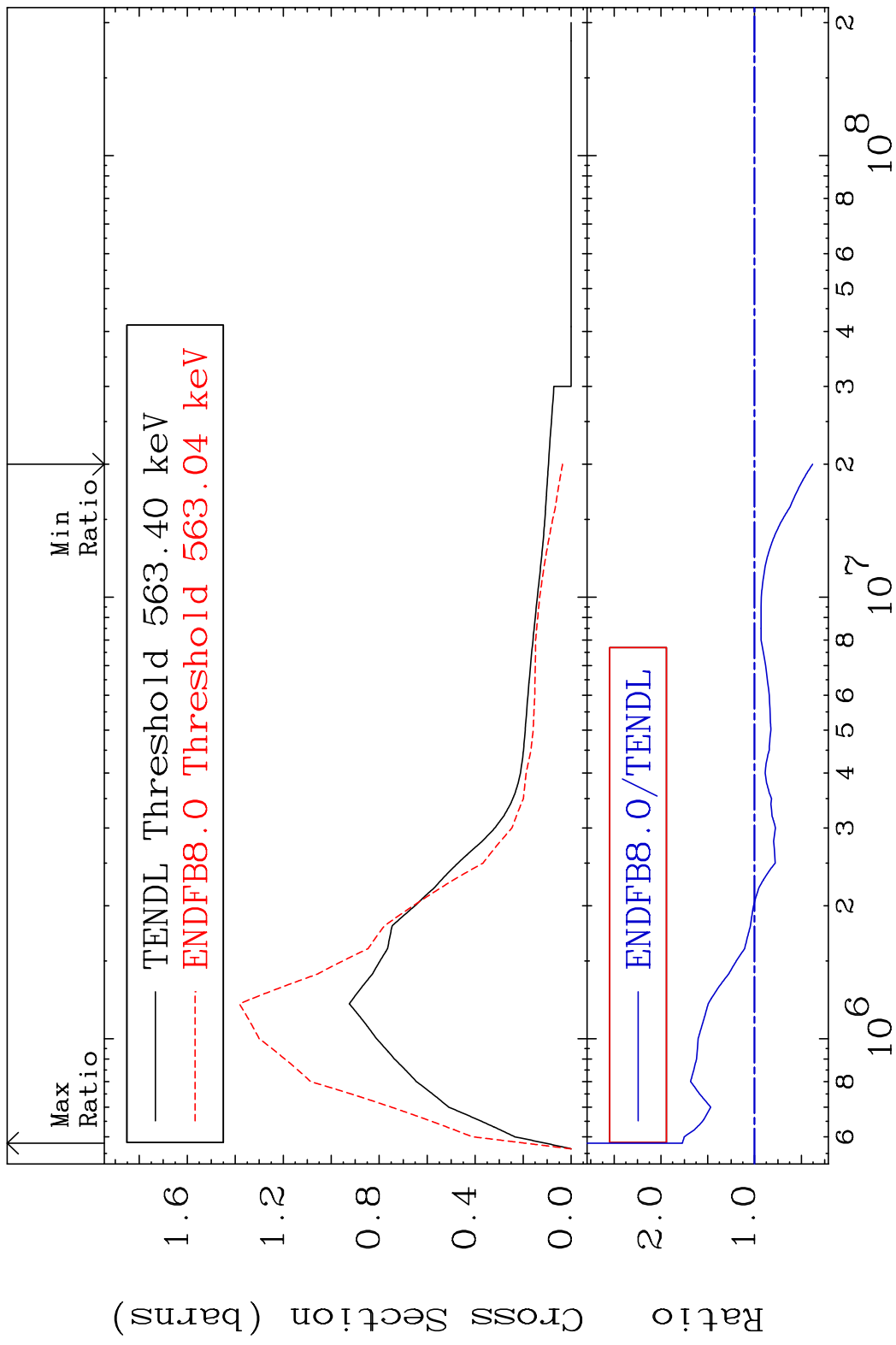


9

Incident Energy (eV)

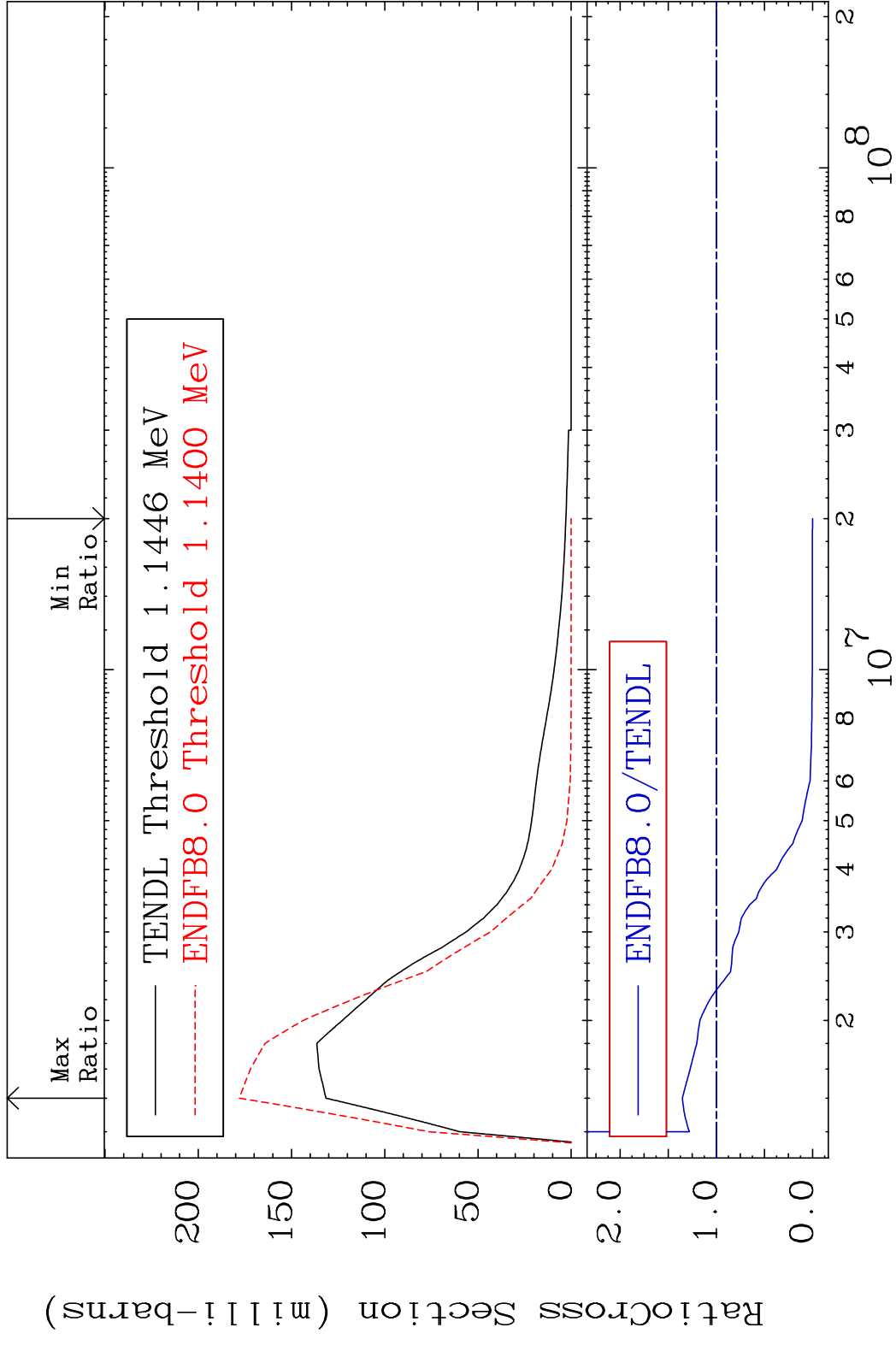
48-Cd-114

MAT 4849 MT= 51 (n,n') Level 48-Cd-114
 Cross Section -62.00 To 77.13 %

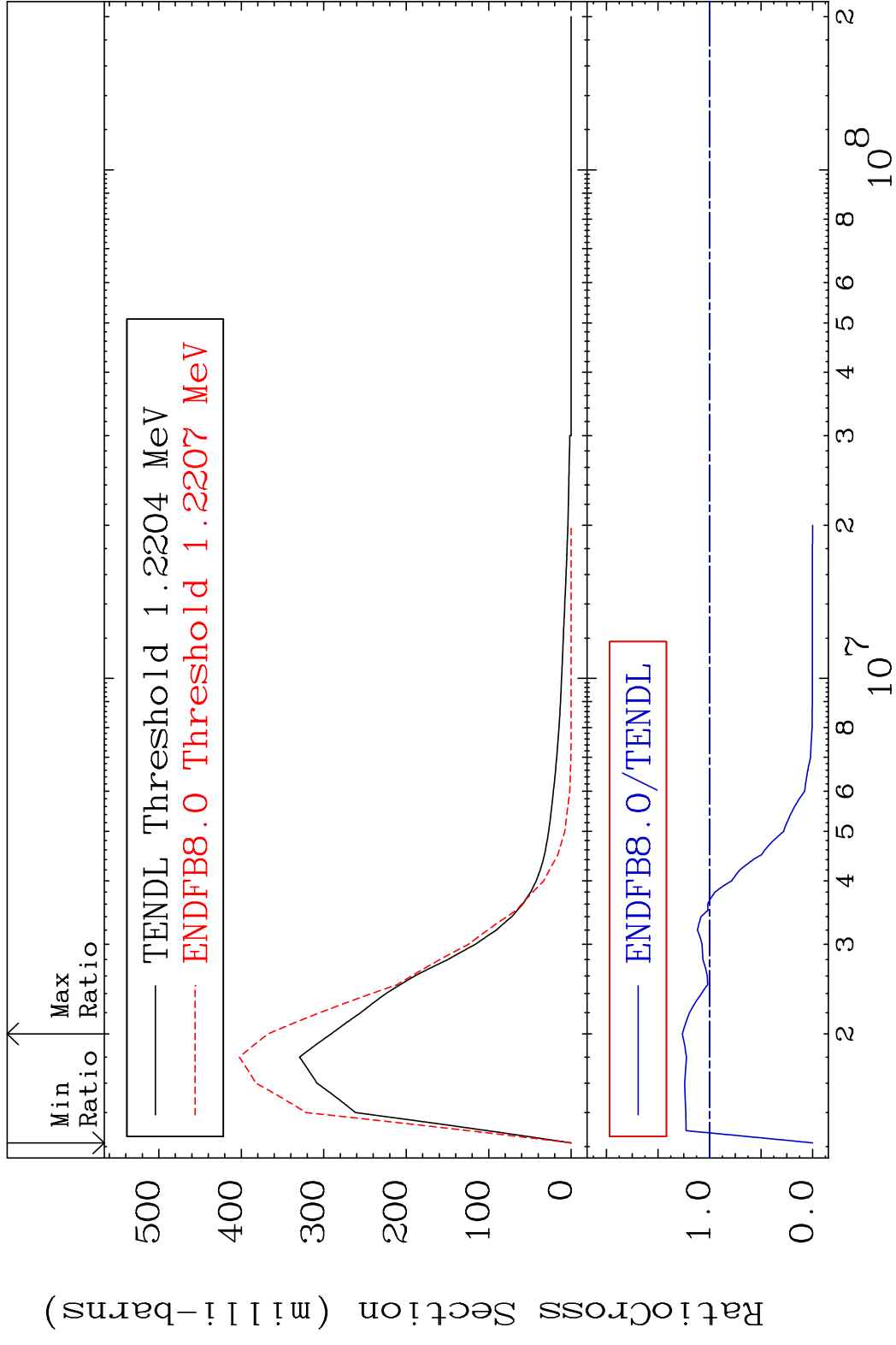


10 Incident Energy (eV) 48-Cd-114

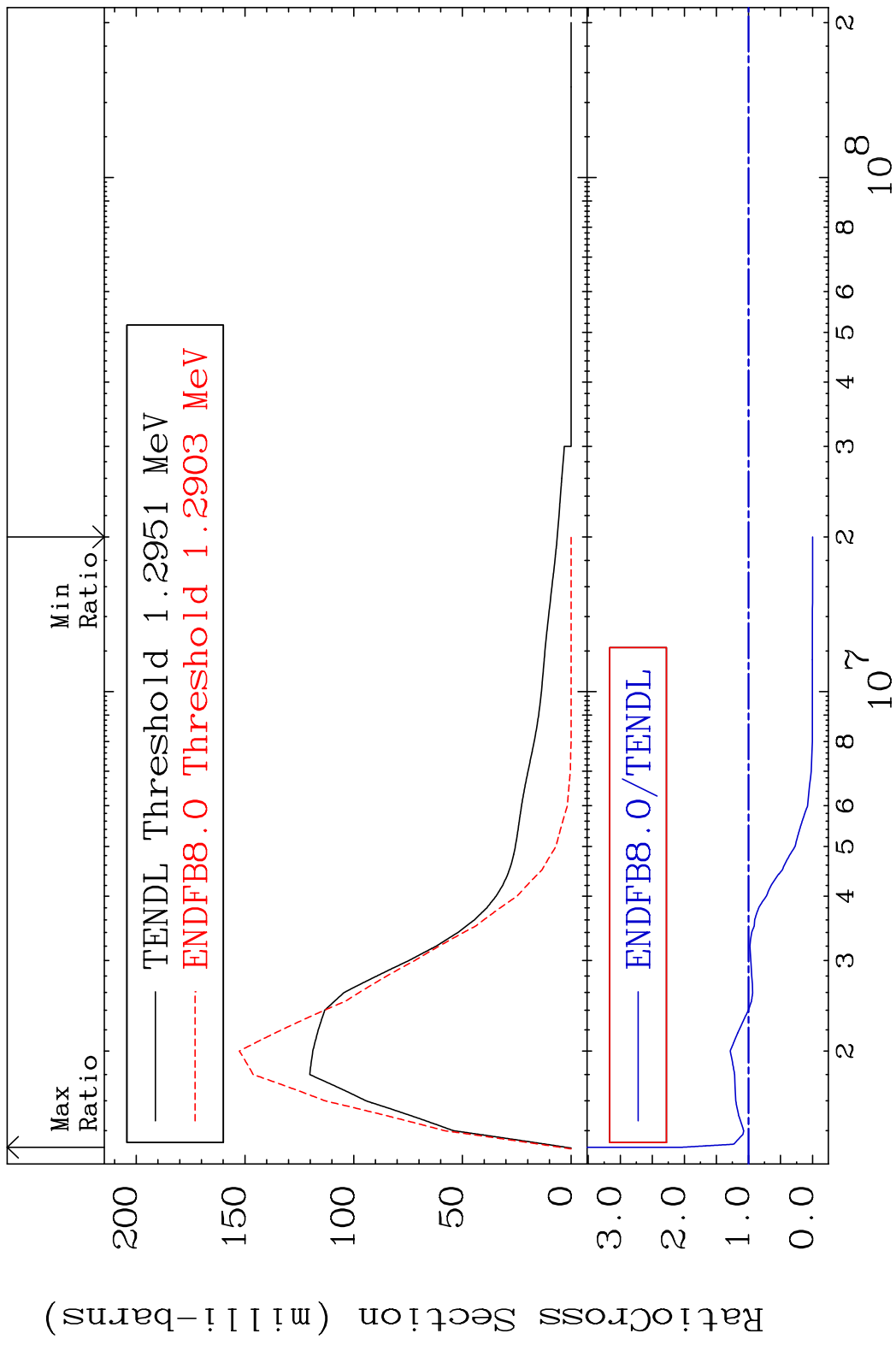
MAT 4849 MT= 52 (n, n') Level 48-Cd-114
 Cross Section -100.0 To 35.29 %



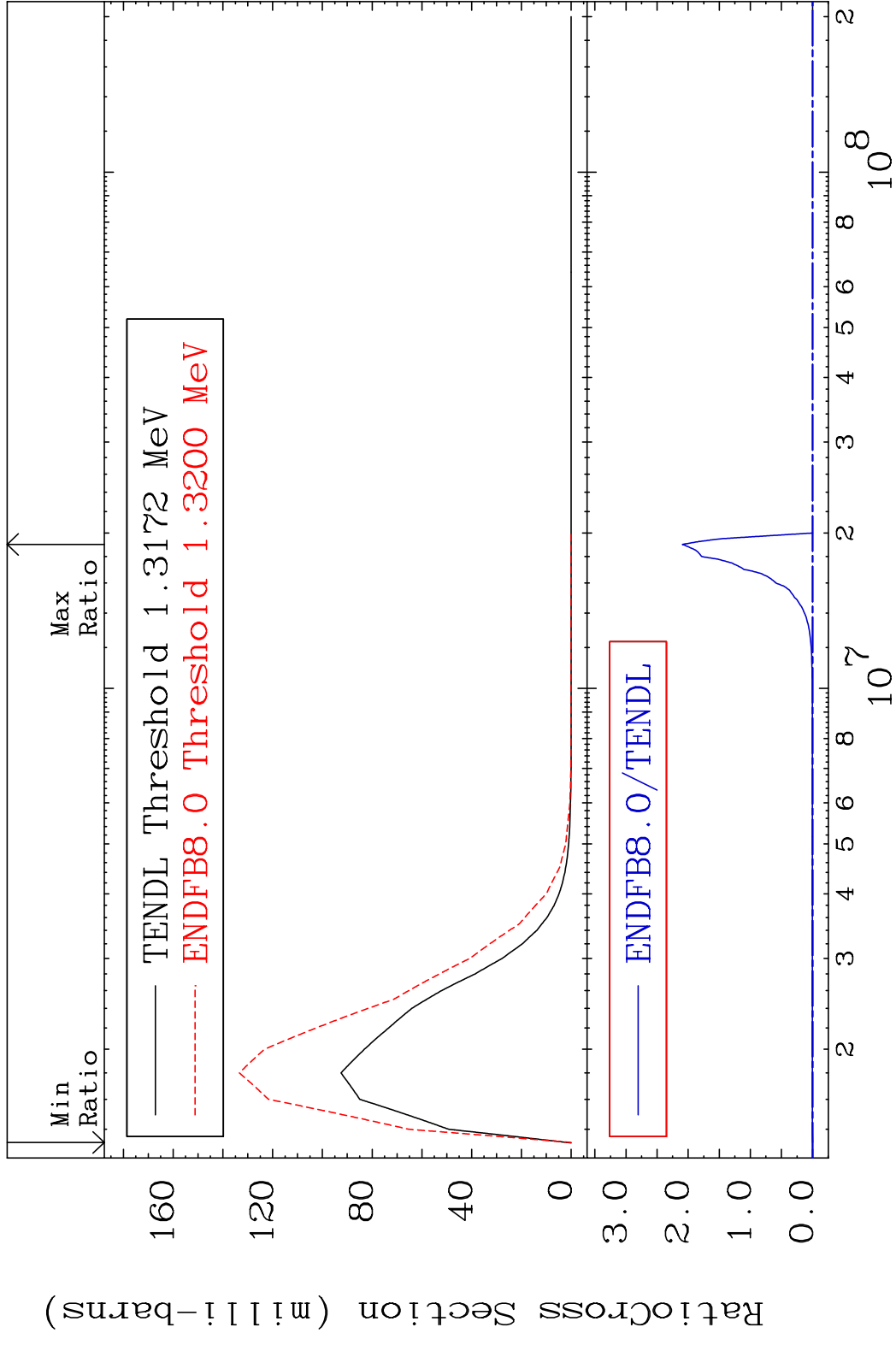
MAT 4849 MT= 53 (n,n') Level 48-Cd-114
 Cross Section -100.0 To 26.28 %



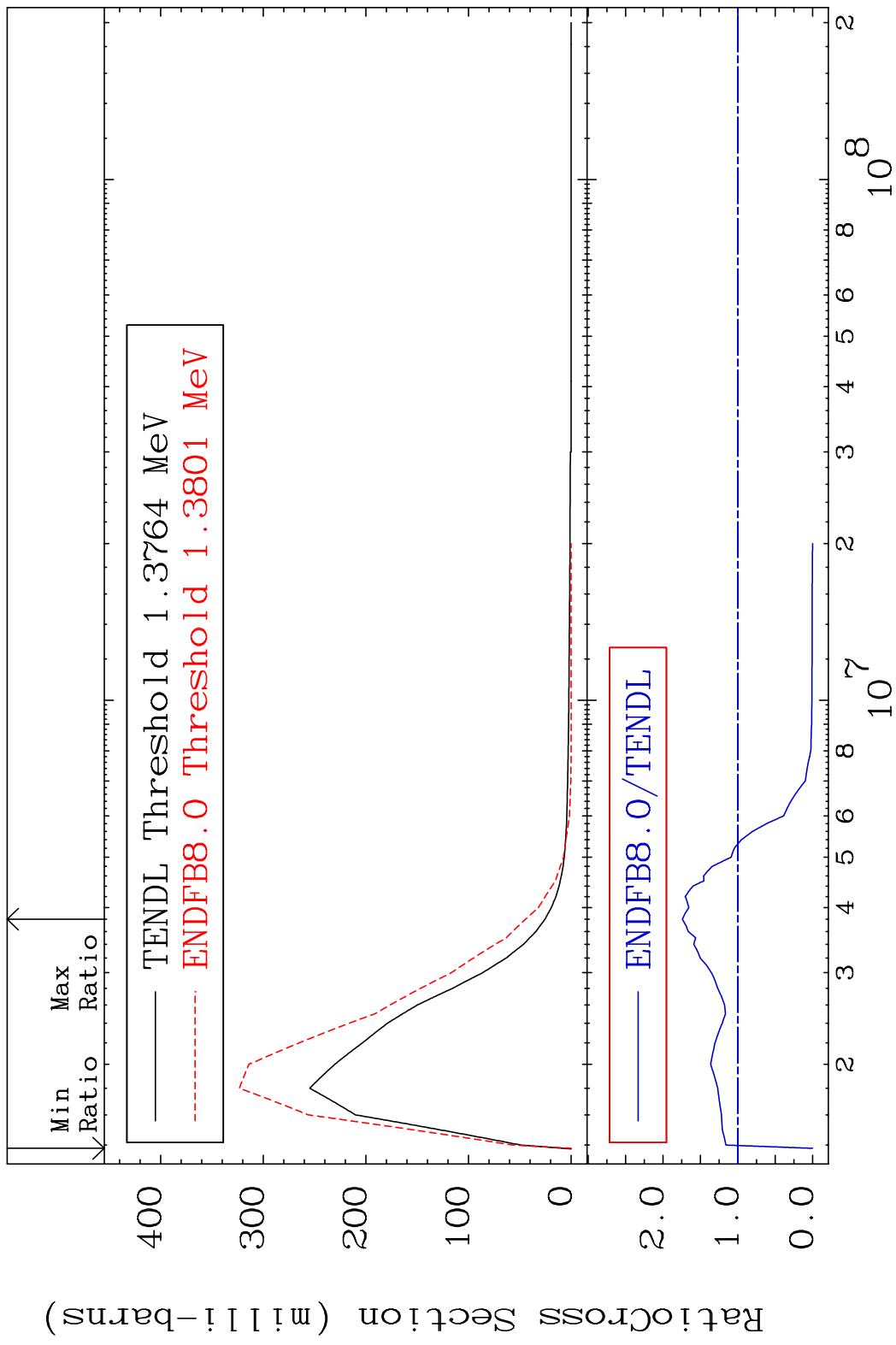
MAT 4849 MT= 54 (n, n') Level 48-Cd-114
 Cross Section -100.0 To 103.2 %



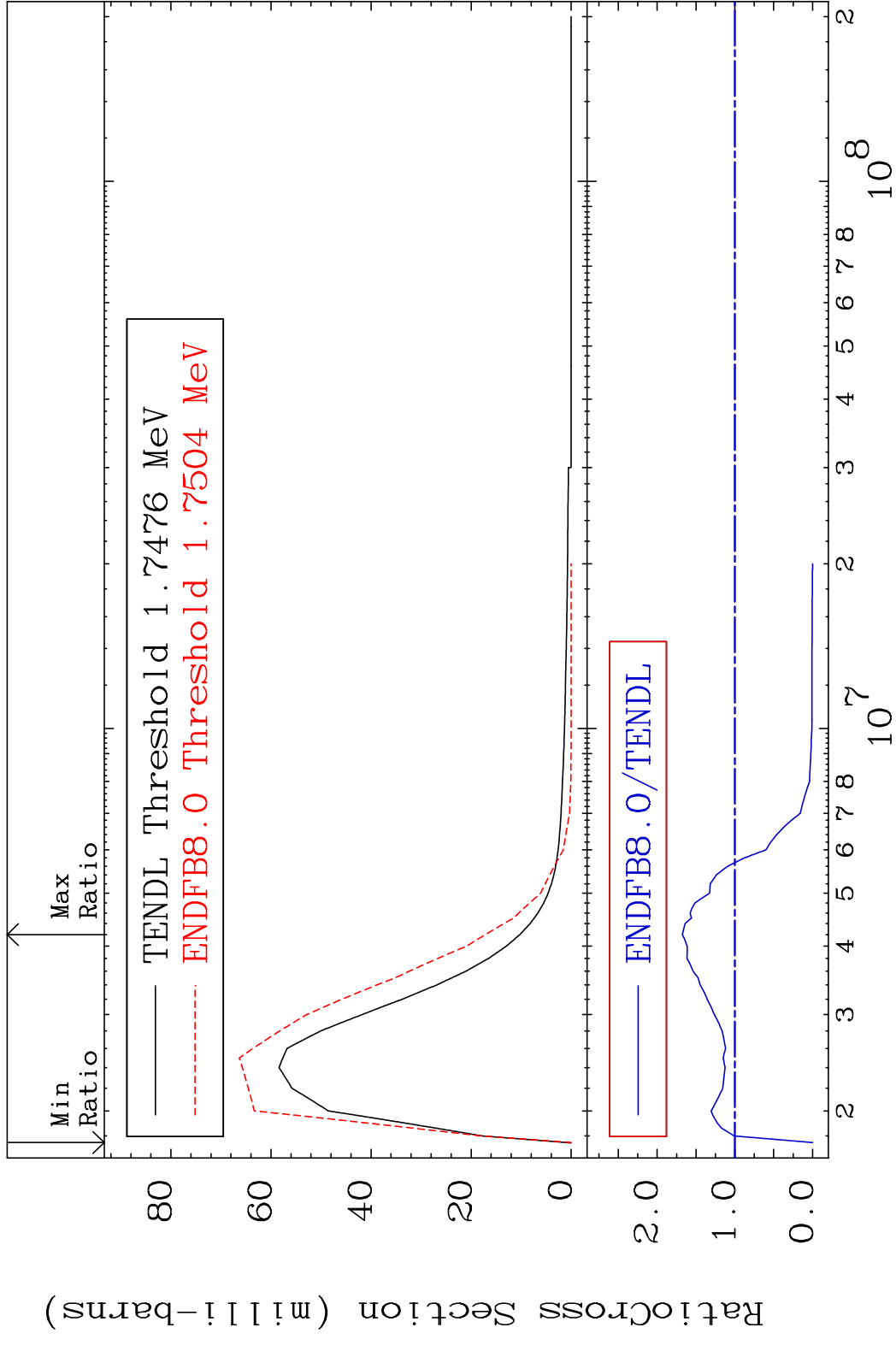
MAT 4849 MT= 55 (n, n') Level 48-Cd-114
 Cross Section -100.0 To 9999. %



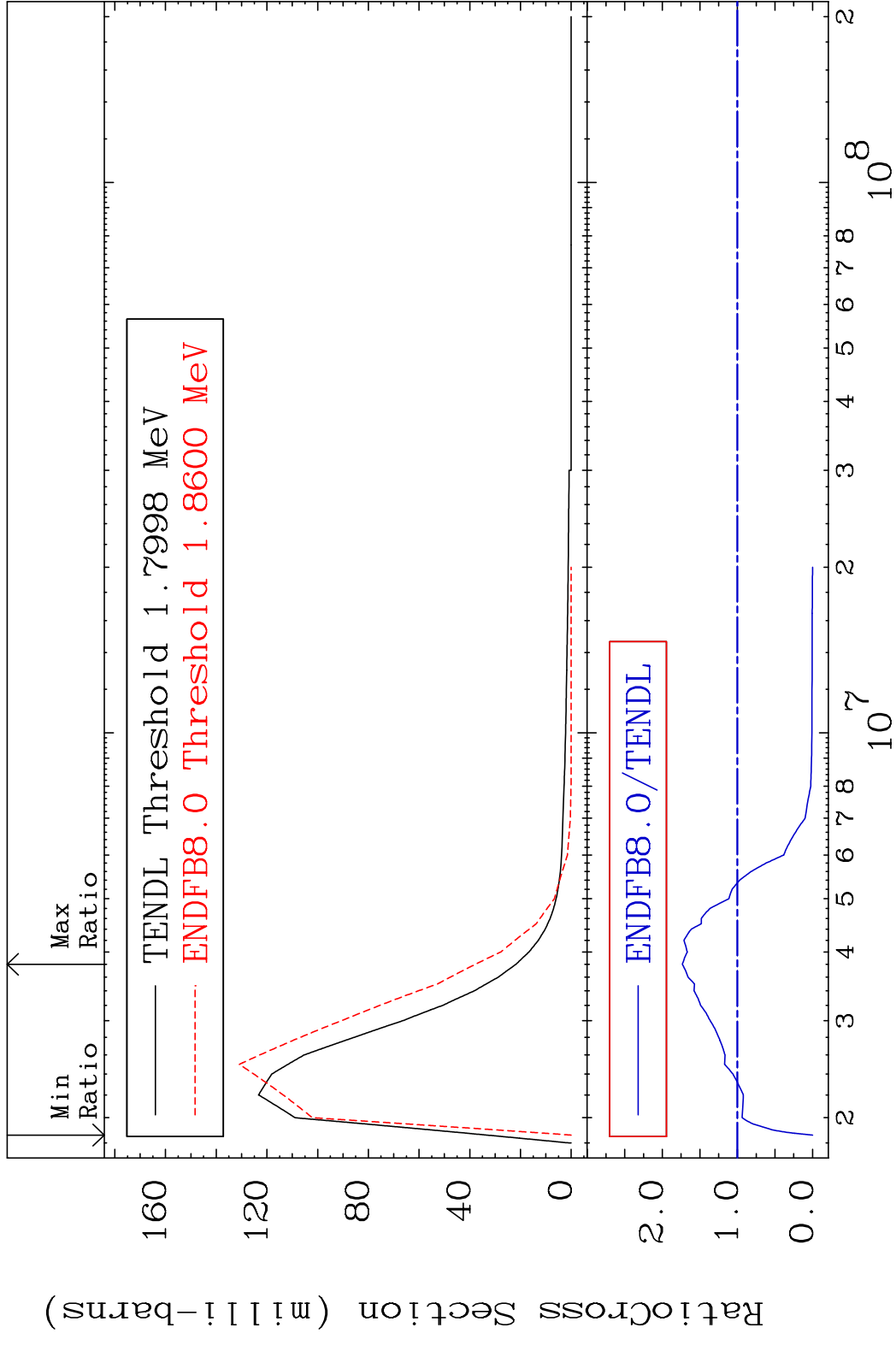
MAT 4849 MT= 56 (n,n') Level 48-Cd-114
 Cross Section -100.0 To 74.18 %



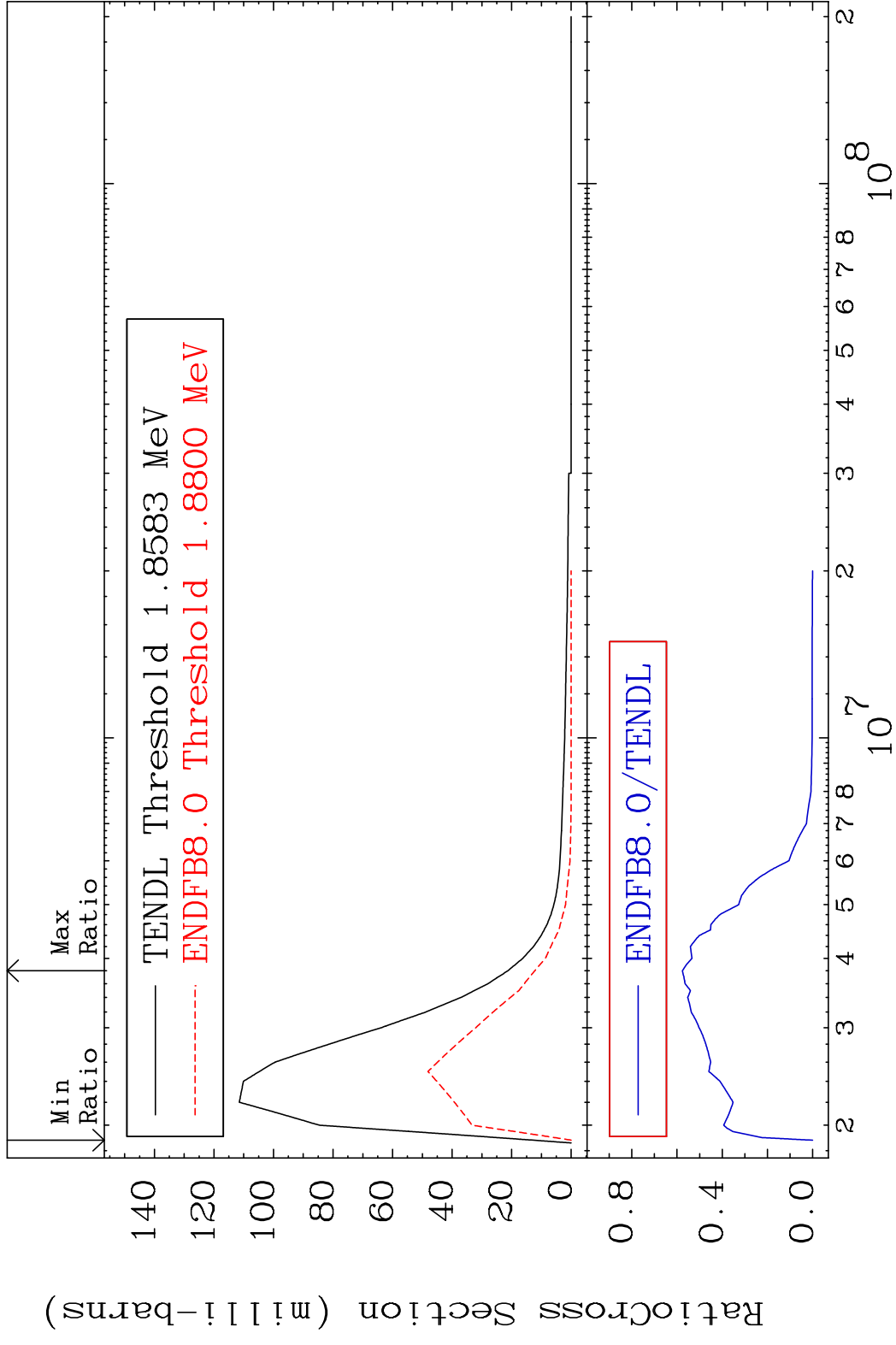
MAT 4849 MT= 57 (n, n') Level 48-Cd-114
 Cross Section -100.0 To 67.58 %



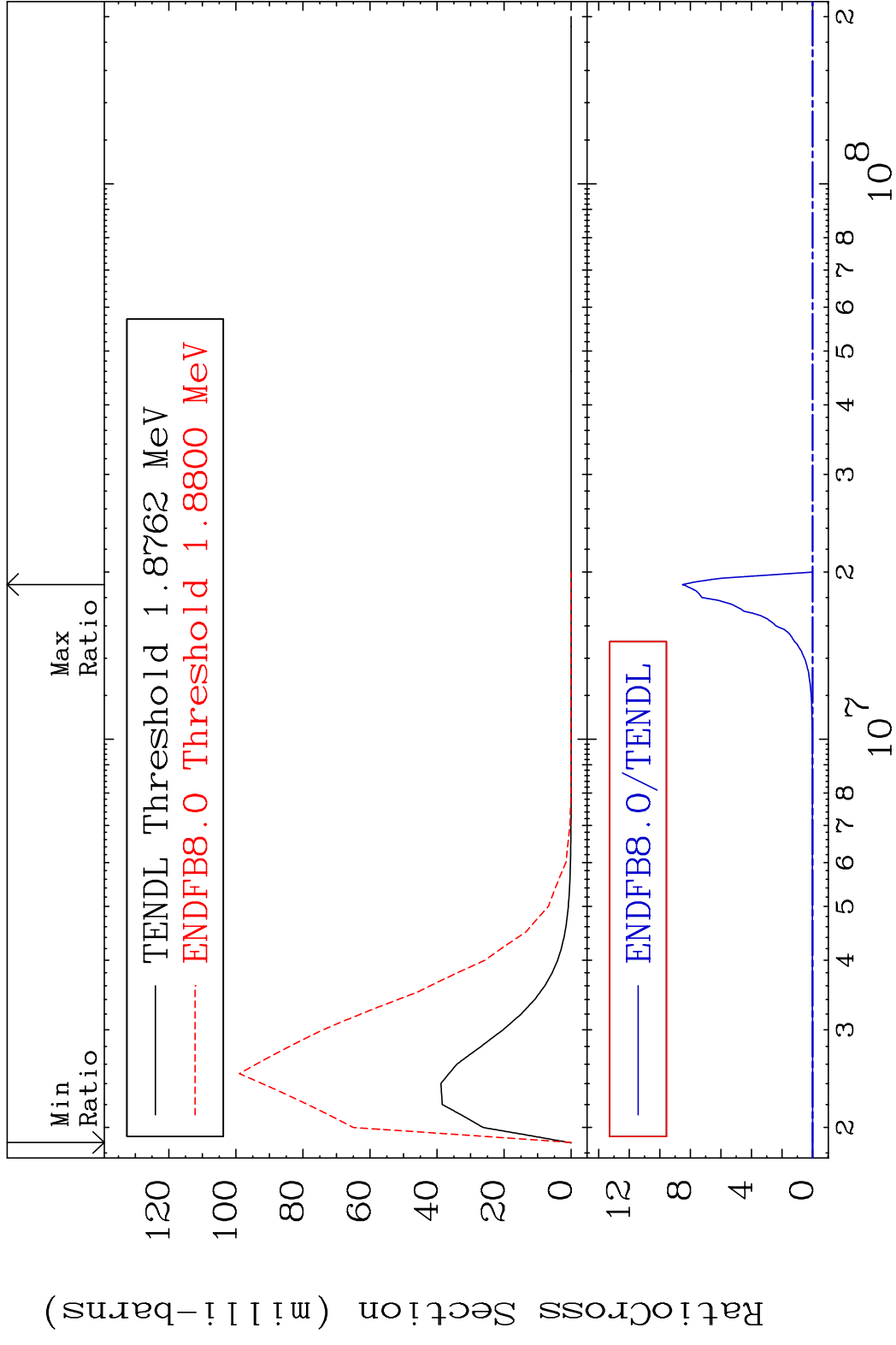
MAT 4849 MT= 58 (n, n') Level 48-Cd-114
 Cross Section -100.0 To 73.36 %



MAT 4849 MT= 59 (n, n') Level 48-Cd-114
 Cross Section -100.0 To -42.36%



MAT 4849 MT= 60 (n, n') Level 48-Cd-114
 Cross Section -100.0 To 9999. %

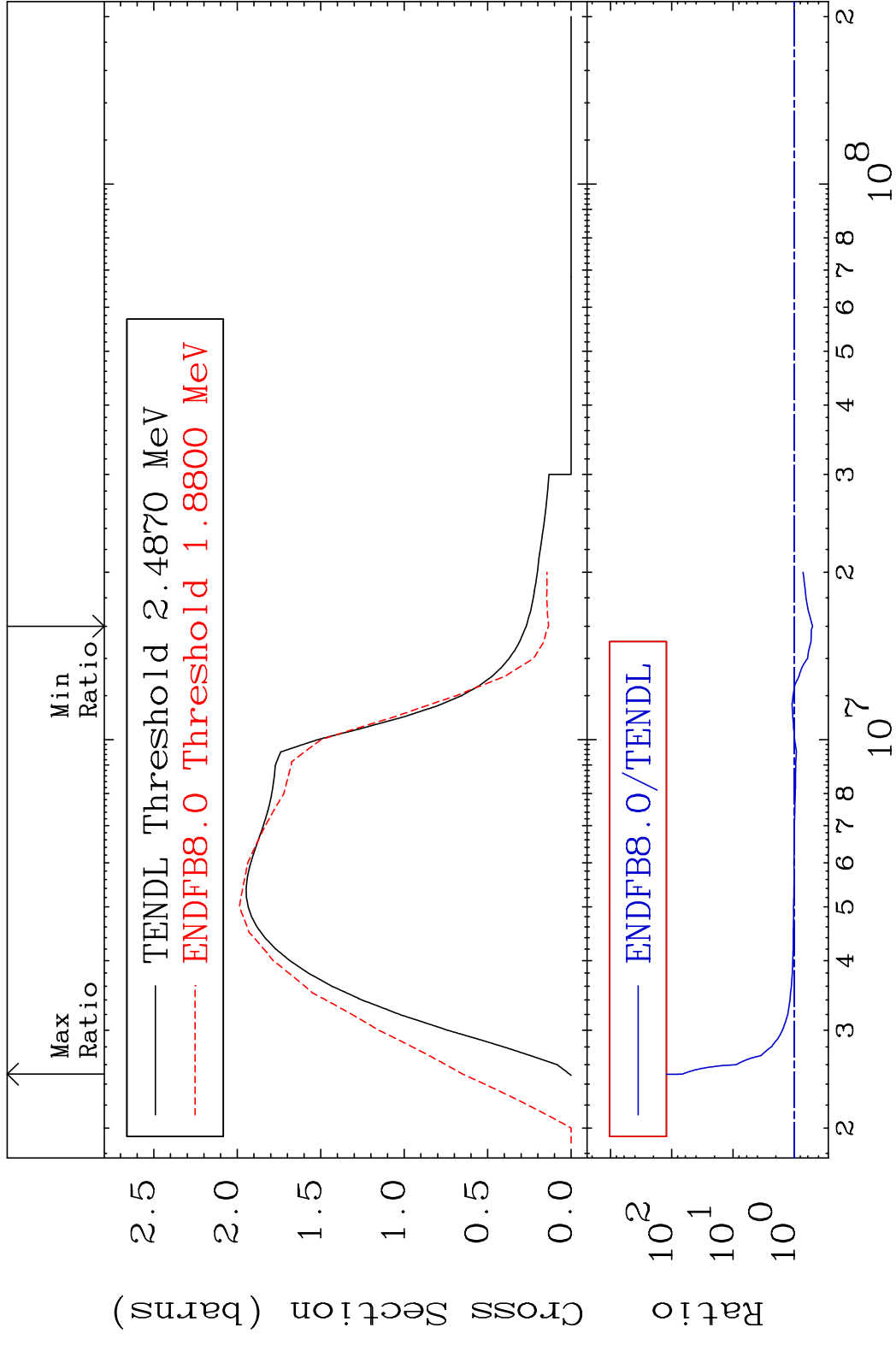


MAT 4849

(n,n') Continuum

48-Cd-114

Cross Section -49.76 To 6615. %



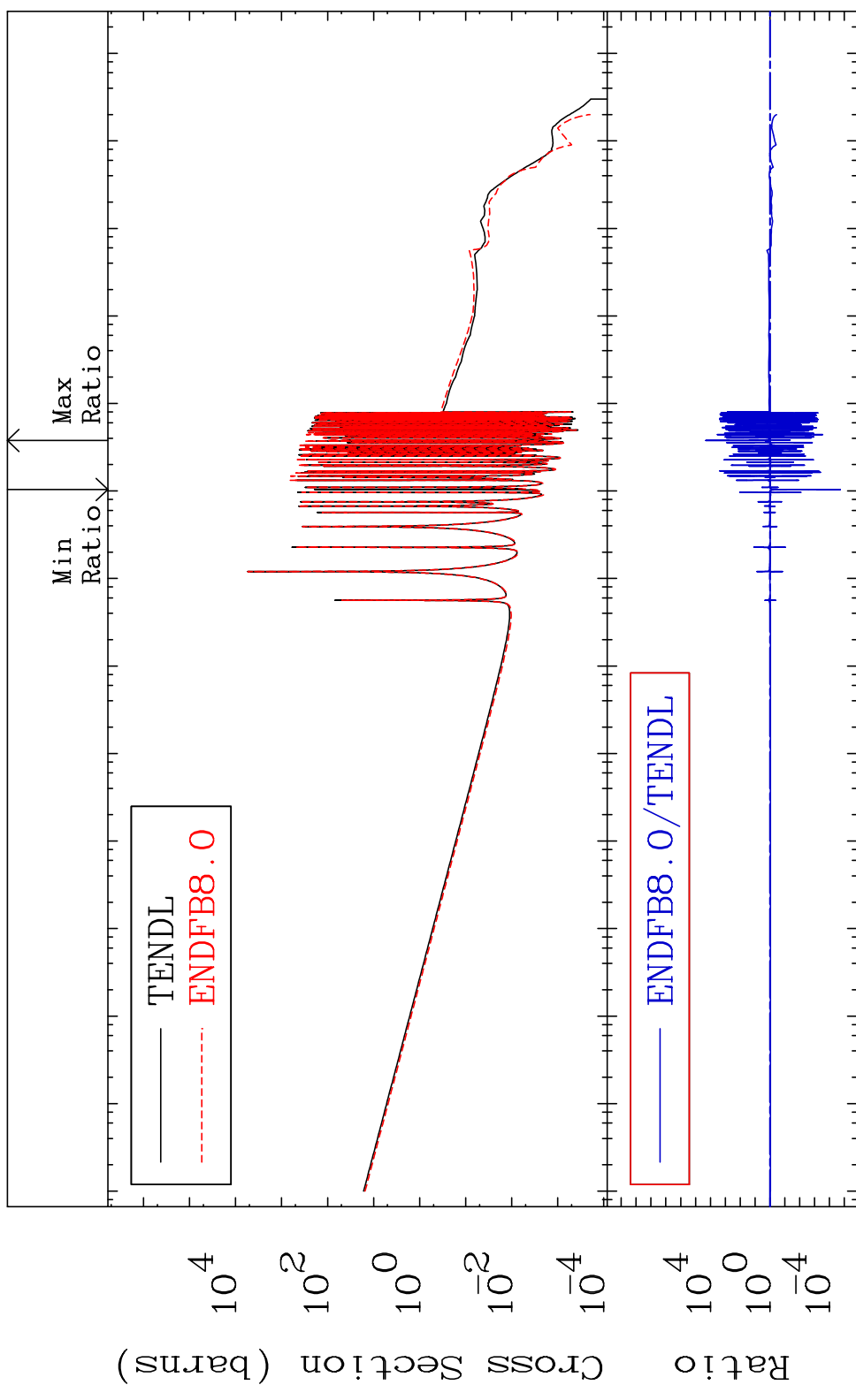
20

Incident Energy (eV)

48-Cd-114

MAT 4849

(n, γ)
Cross Section -100.0 To 9999. %
48-Cd-114

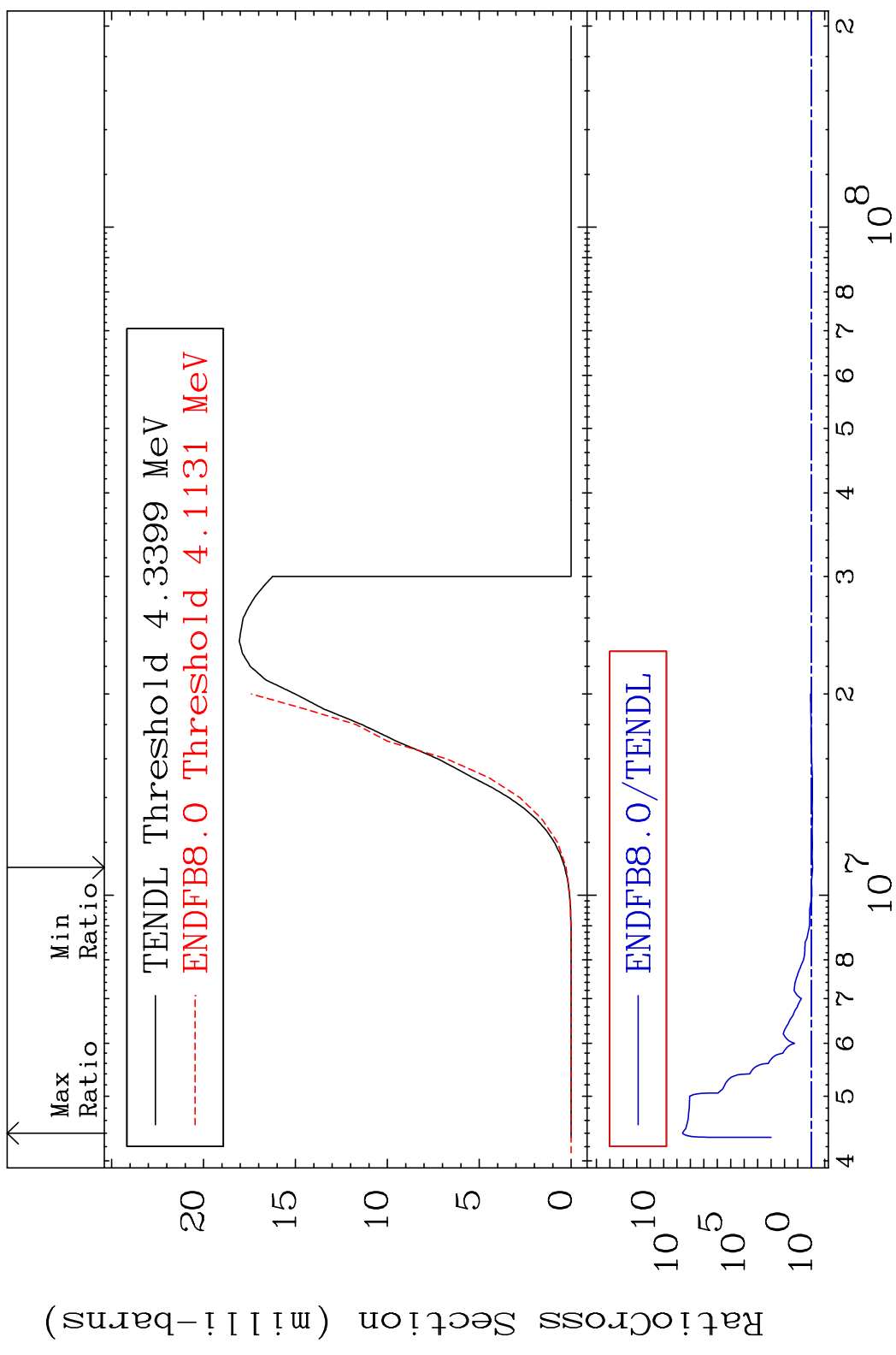


MAT 4849

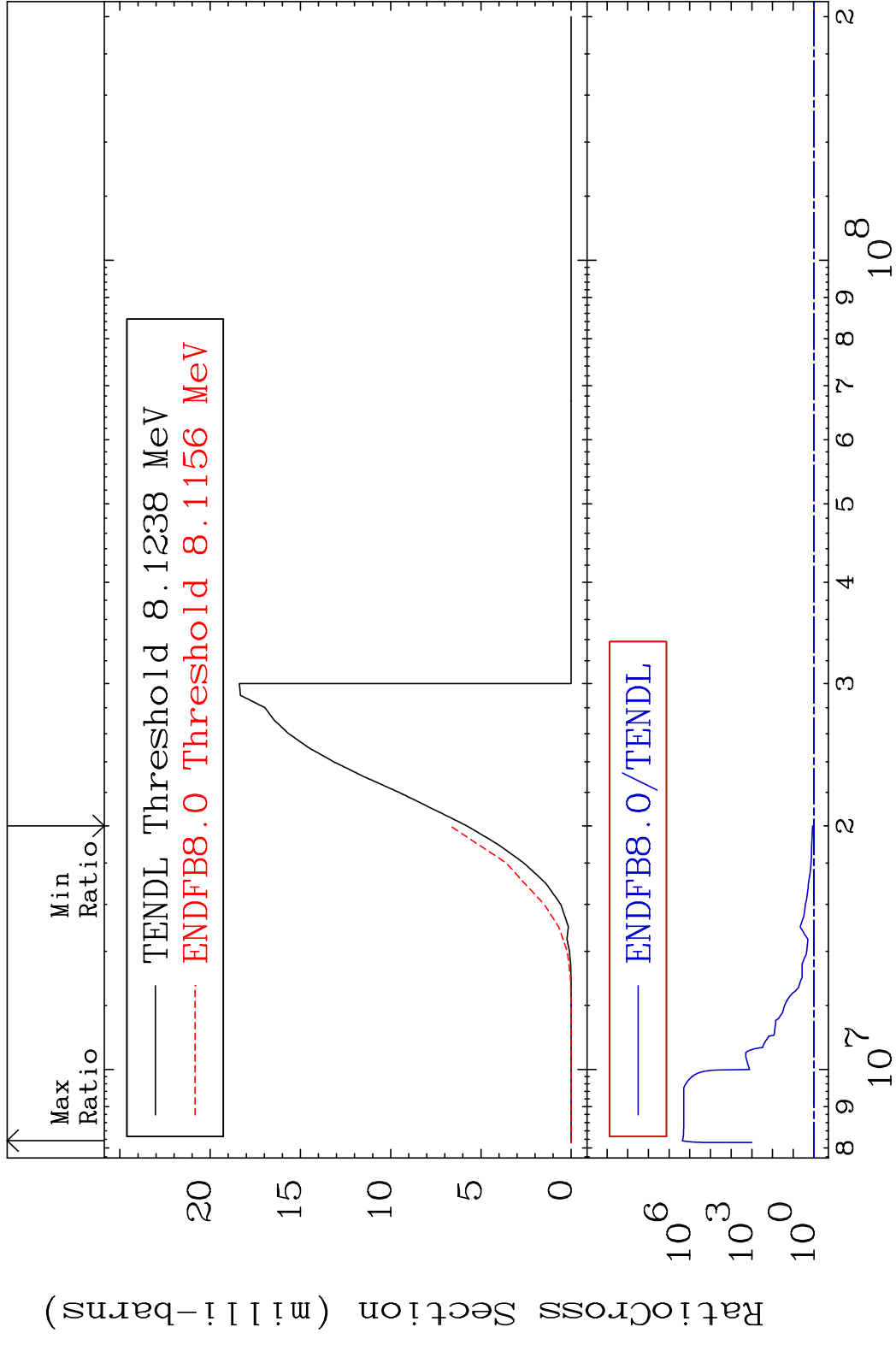
(n,p)

48-Cd-114

Cross Section -19.33 To 9999. %



MAT 4849 (n,d) 48-Cd-114
 Cross Section 16.03 To 9999. %

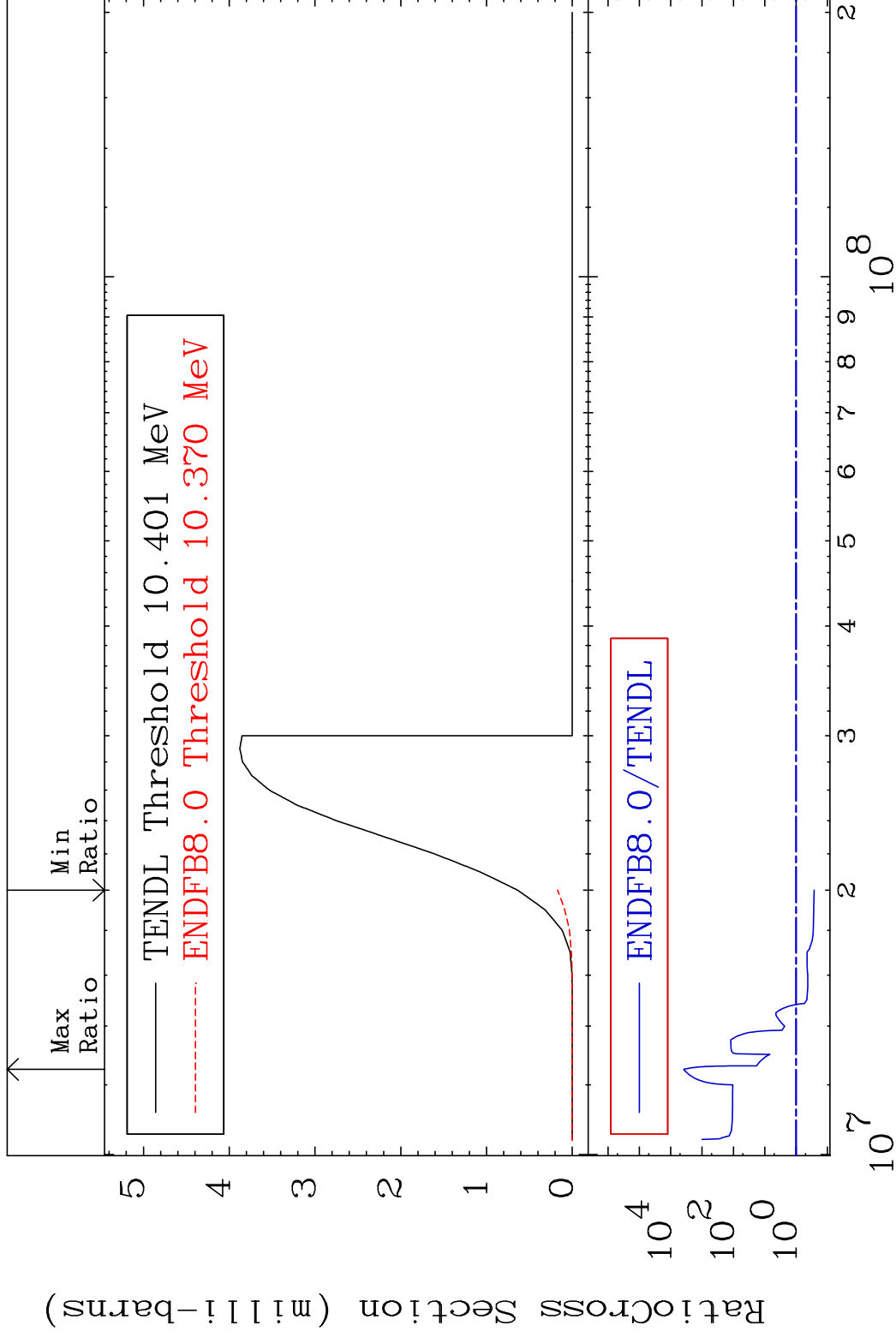


MAT 4849

(n, t)

48-Cd-114

Cross Section -73.31 To 9999. %



24

Incident Energy (eV)

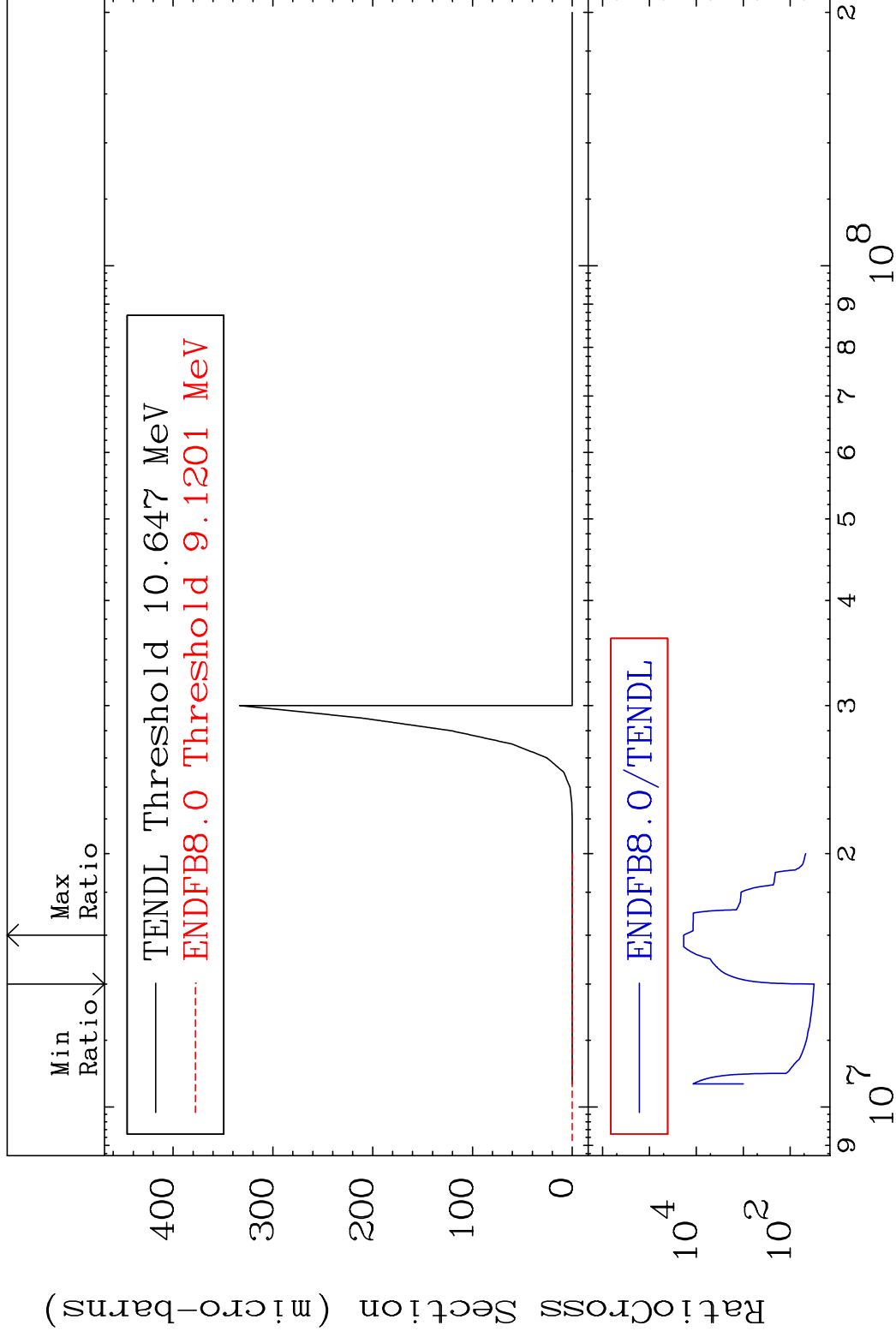
48-Cd-114

MAT 4849

(n, He-3)

48-Cd-114

Cross Section 2969. To 9999. %



25

Incident Energy (eV)

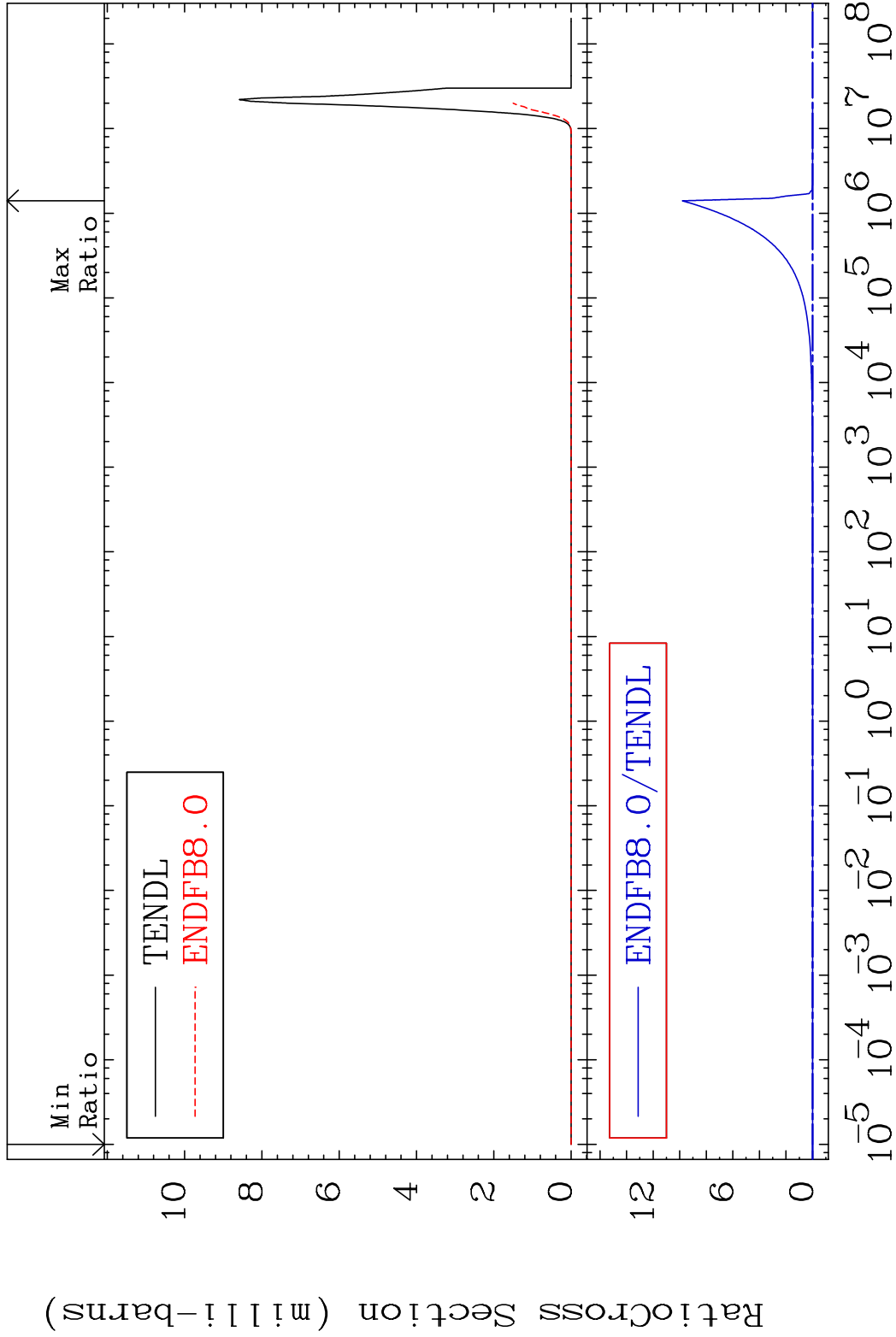
48-Cd-114

MAT 4849

(n, α)

48-Cd-114

Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

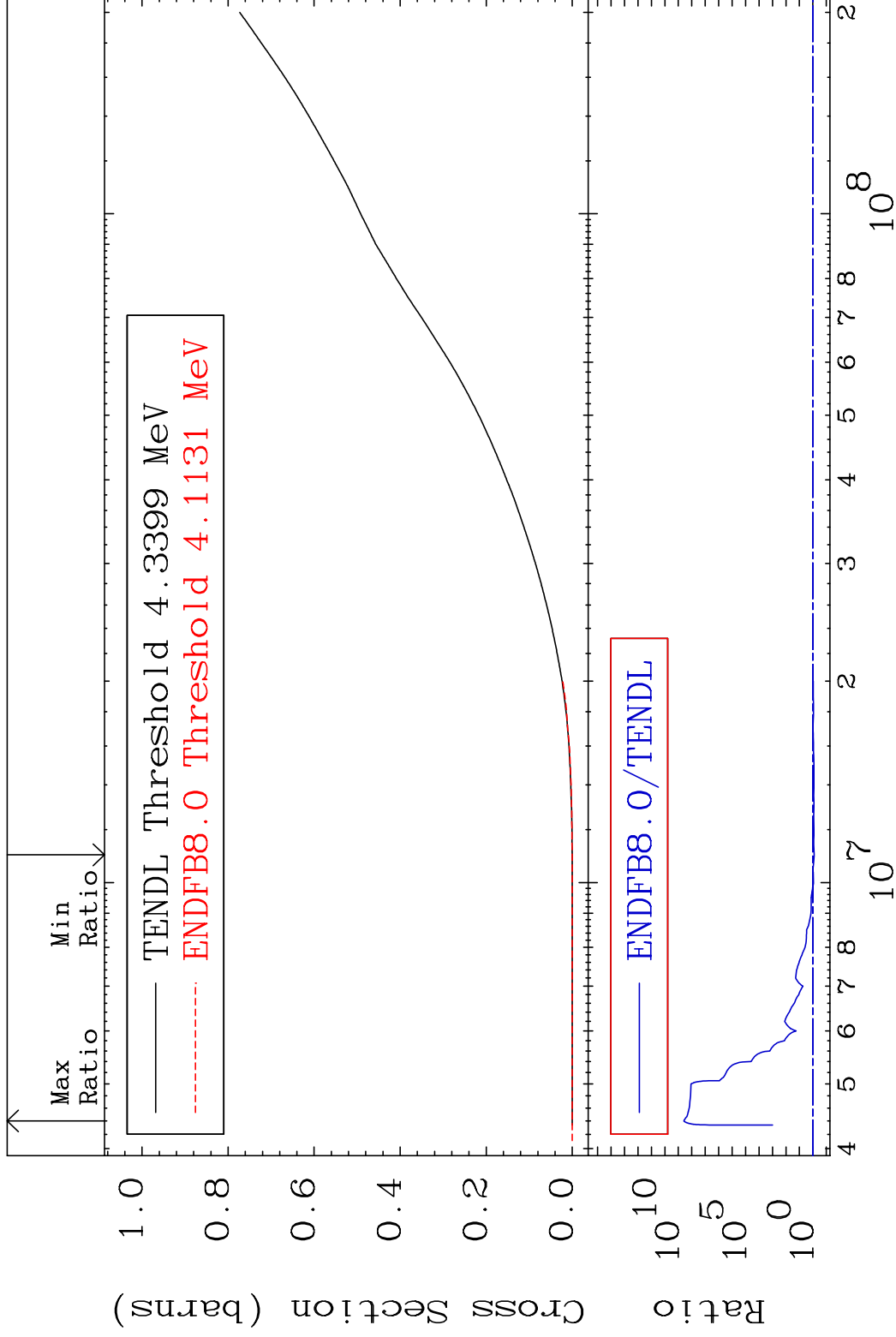
48-Cd-114

MAT 4849

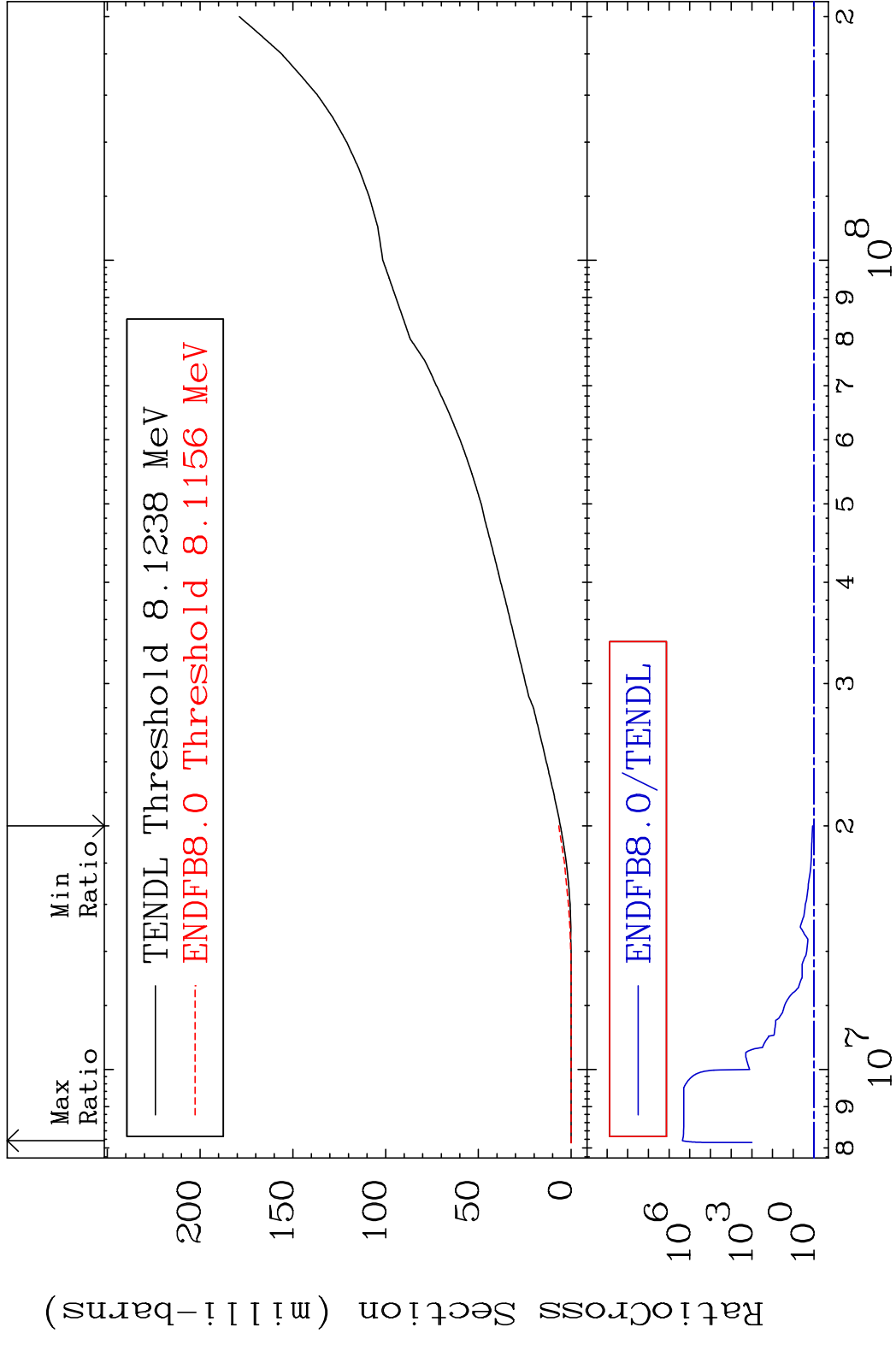
Hydrogen Production

48-Cd-114

Cross Section -19.33 To 9999. %

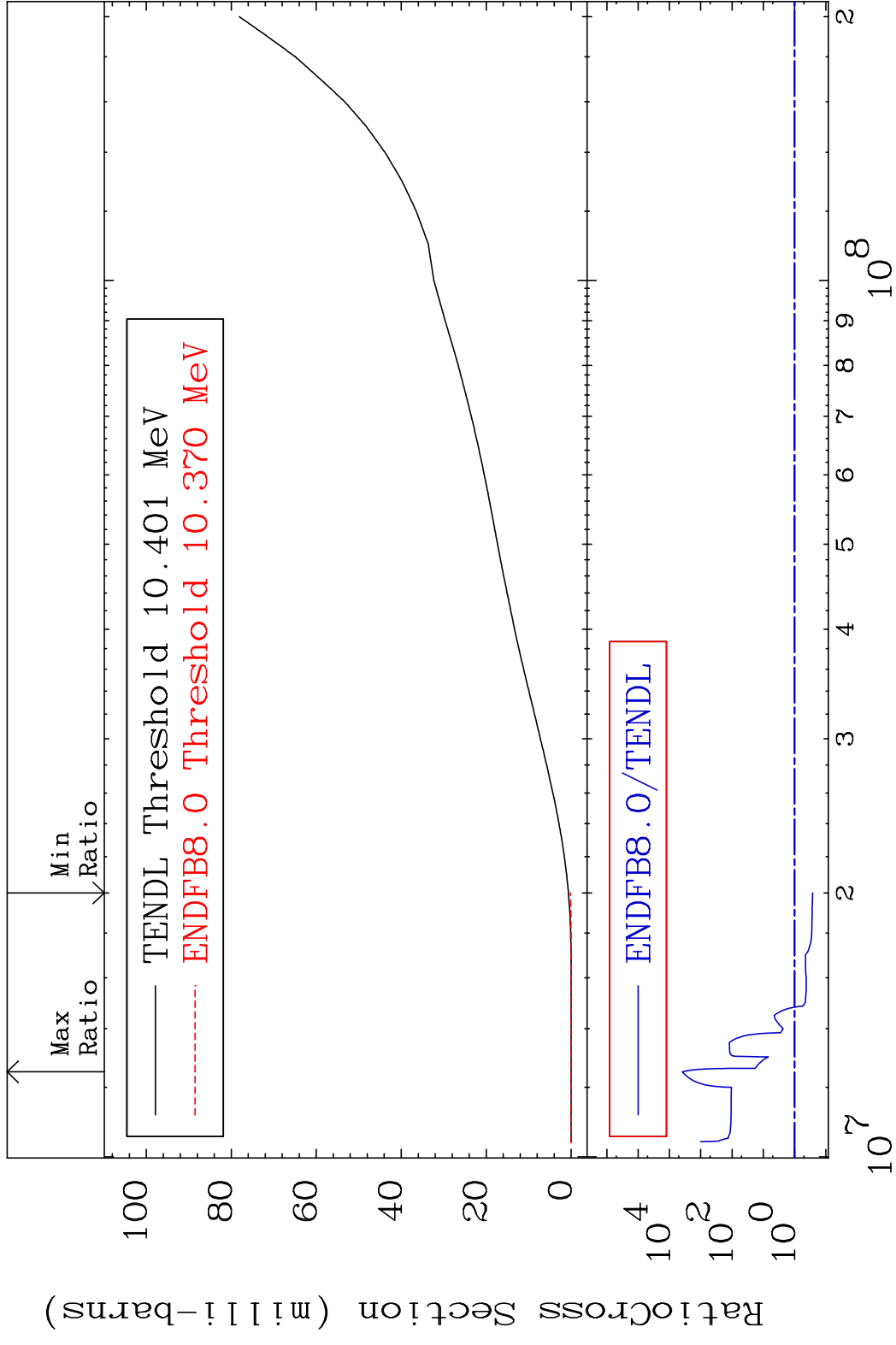


MAT 4849 Deuterium Production 48-Cd-114
 Cross Section 16.03 To 9999. %



MAT 4849

Tritium Production 48-Cd-114
Cross Section -73.31 To 9999. %



29

Incident Energy (eV)

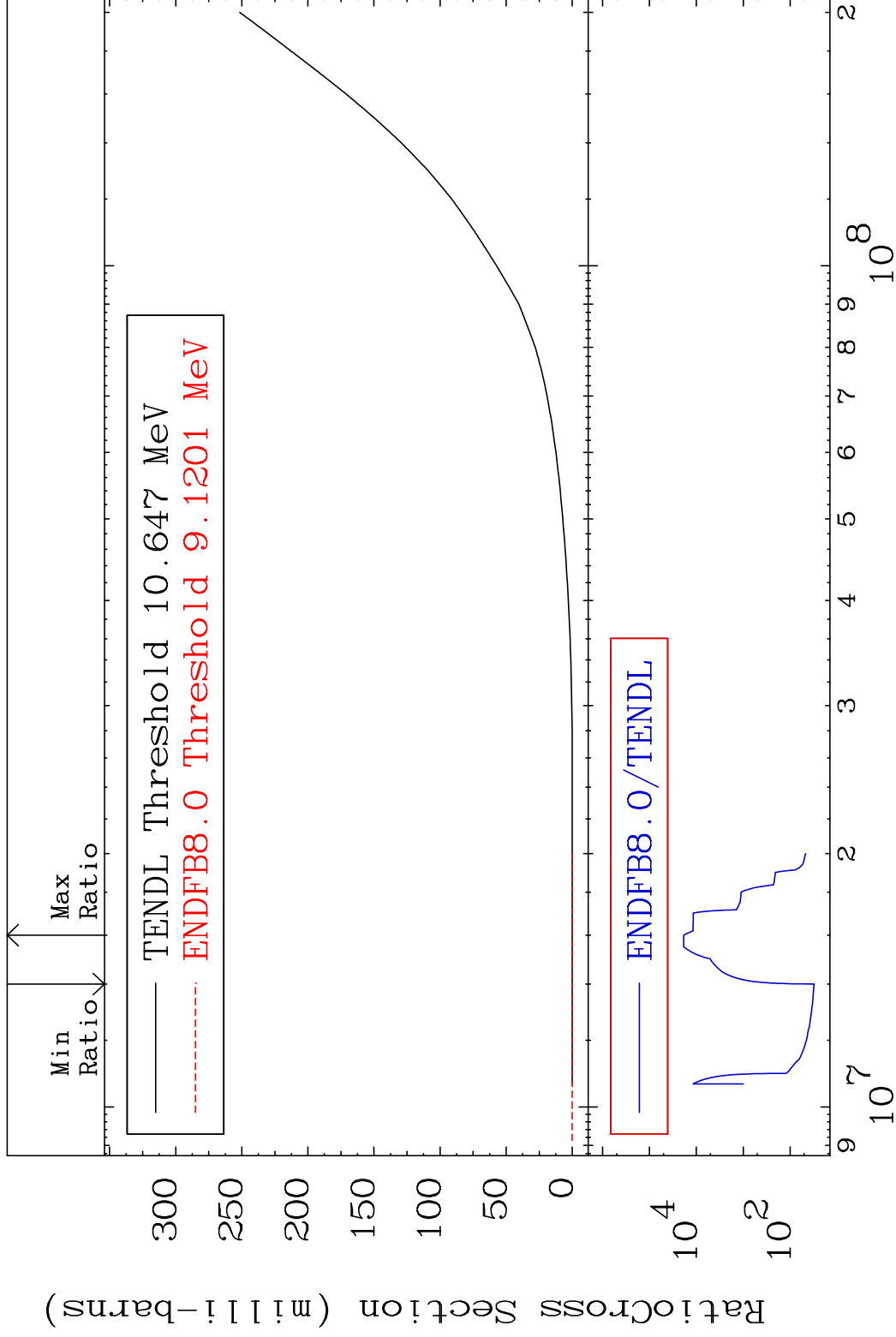
48-Cd-114

MAT 4849

He-3 Production

48-Cd-114

Cross Section 2969. To 9999. %



30

Incident Energy (eV)

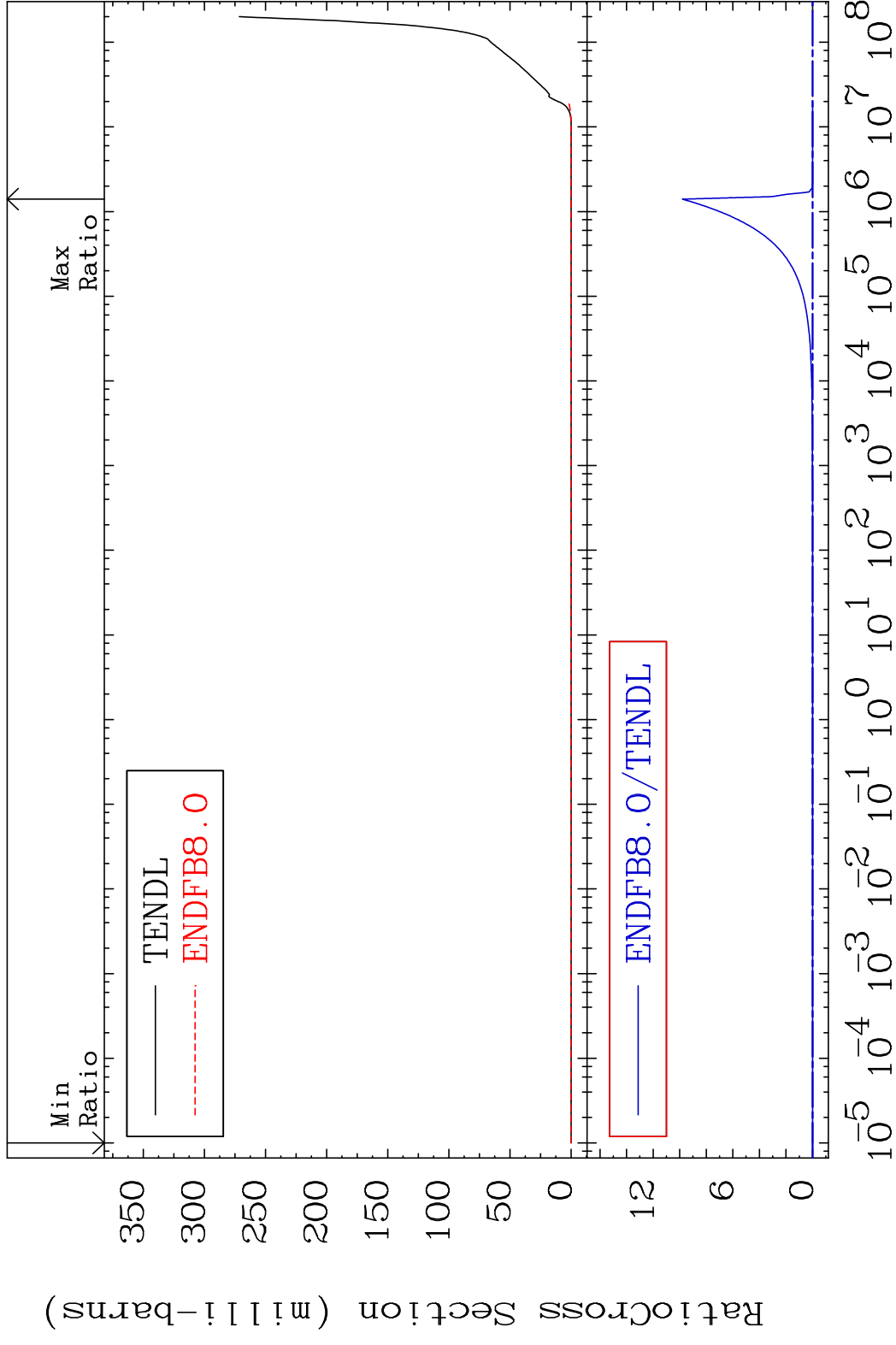
48-Cd-114

MAT 4849

He-4 Production

48-Cd-114

Cross Section -100.0 To 9999. %

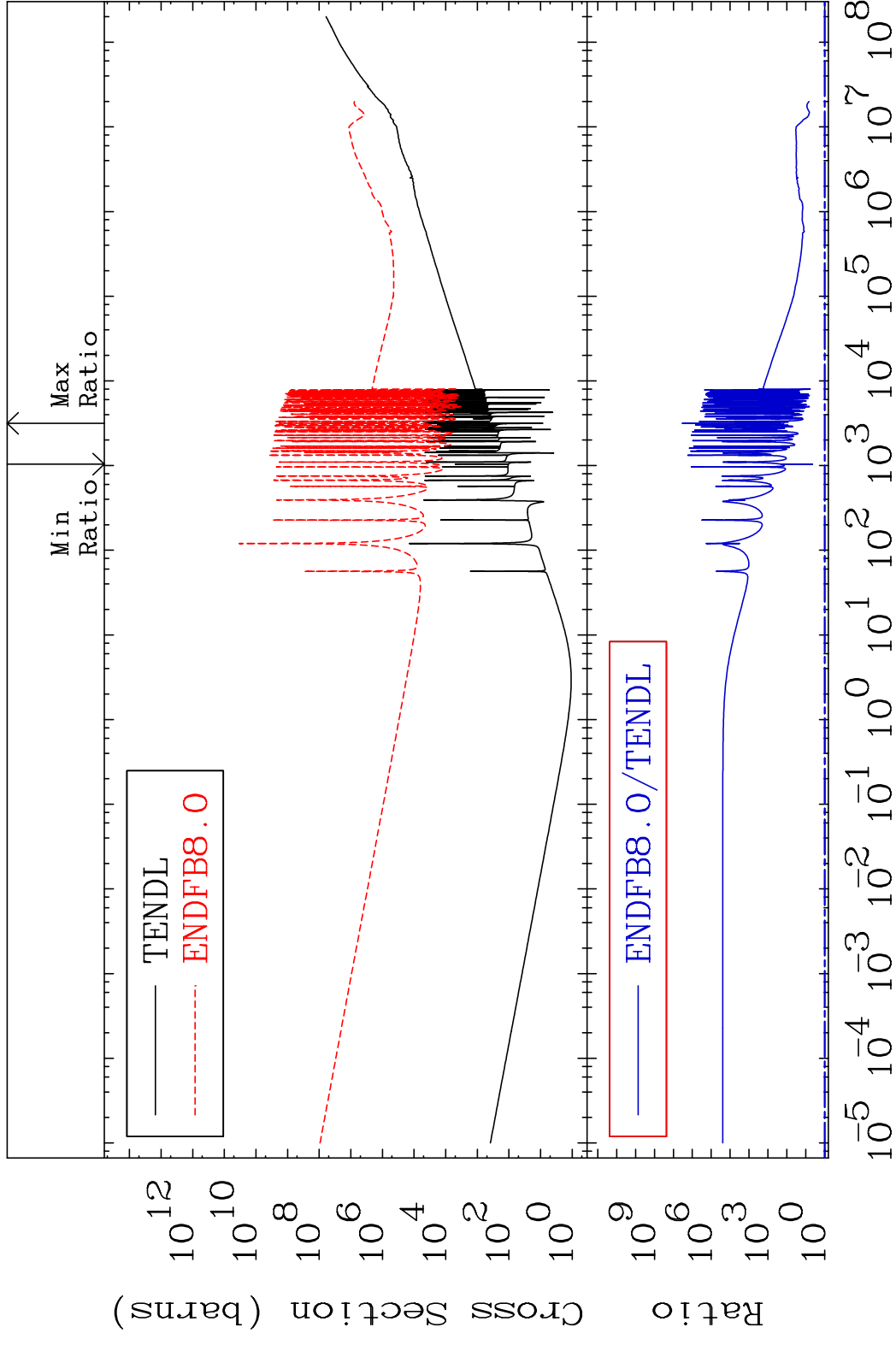


31

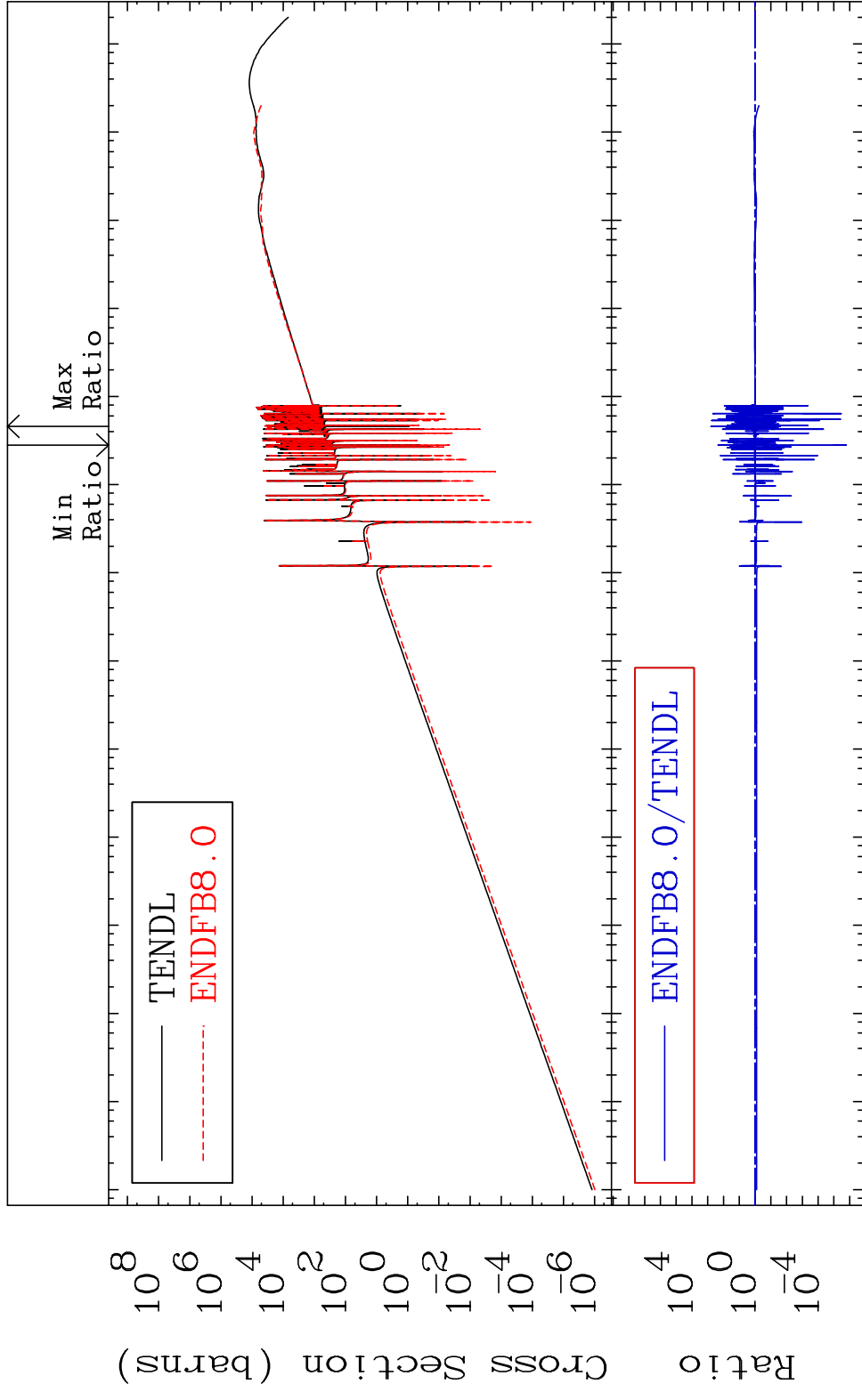
Incident Energy (eV)

48-Cd-114

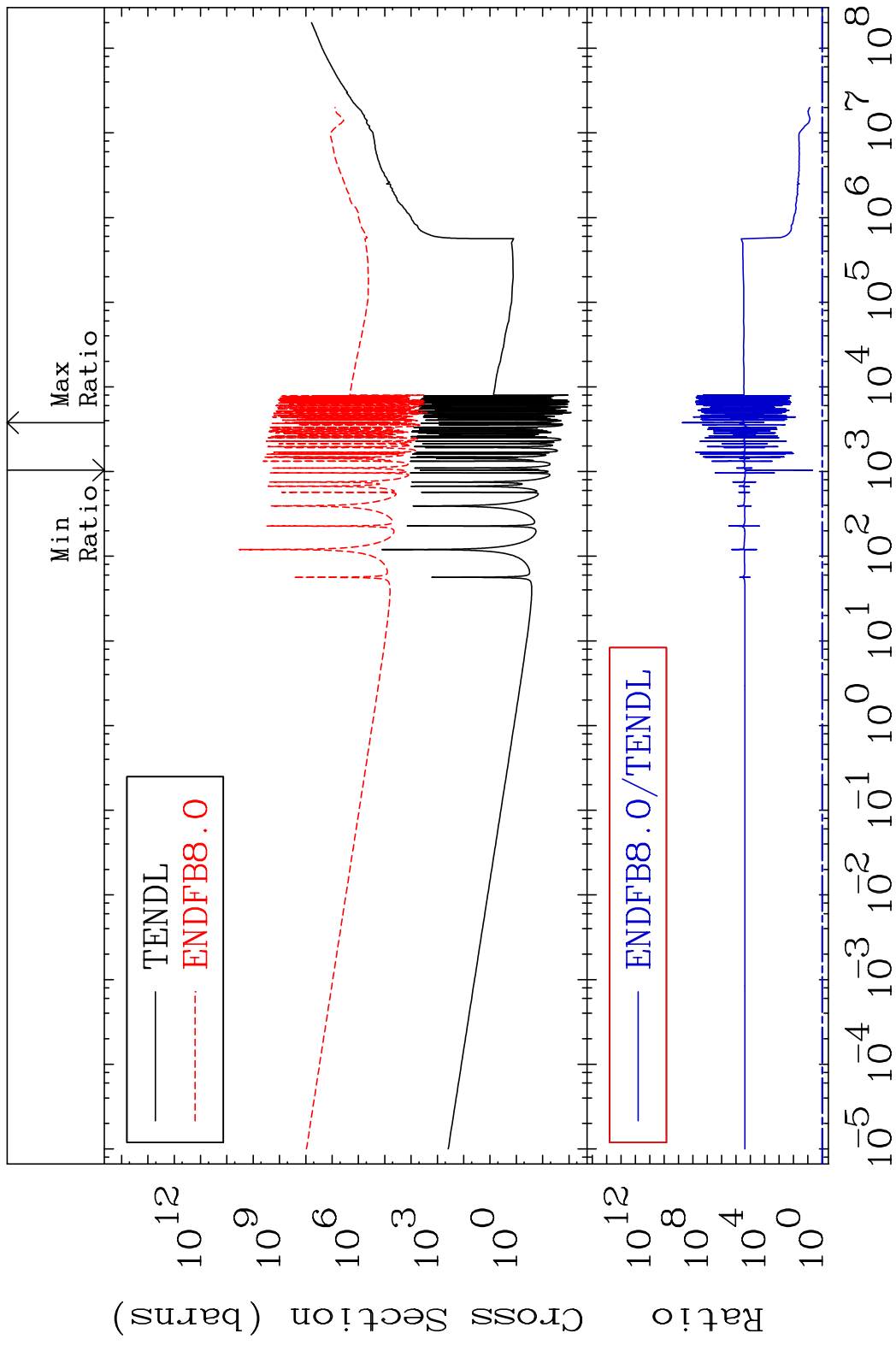
MAT 4849 Kerma total (eV-barns) 48-Cd-114
 Cross Section 337.1 To 9999. %



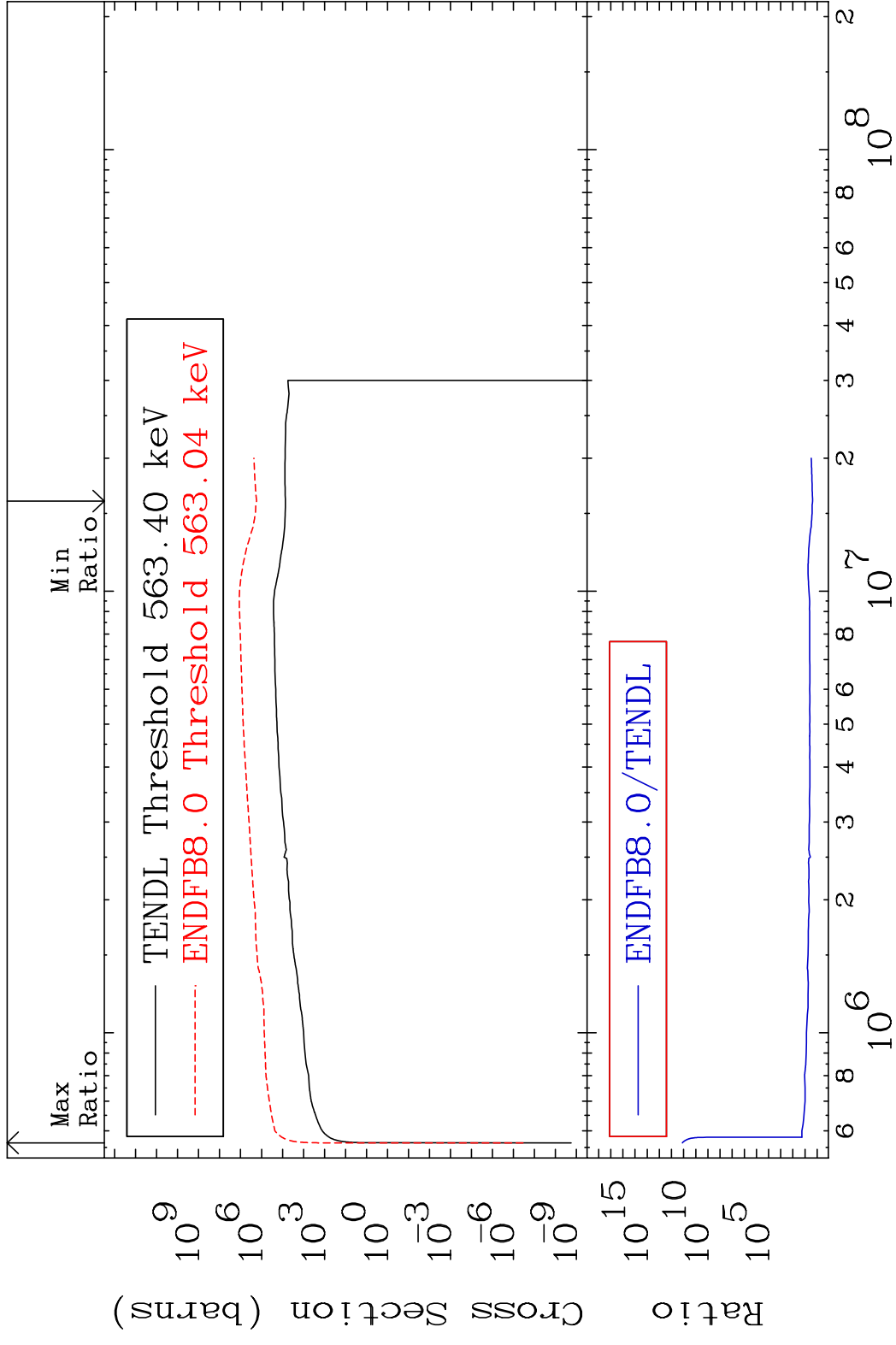
MAT 4849 Kerma elastic 48-Cd-114
 Cross Section -100.0 To 9999. %



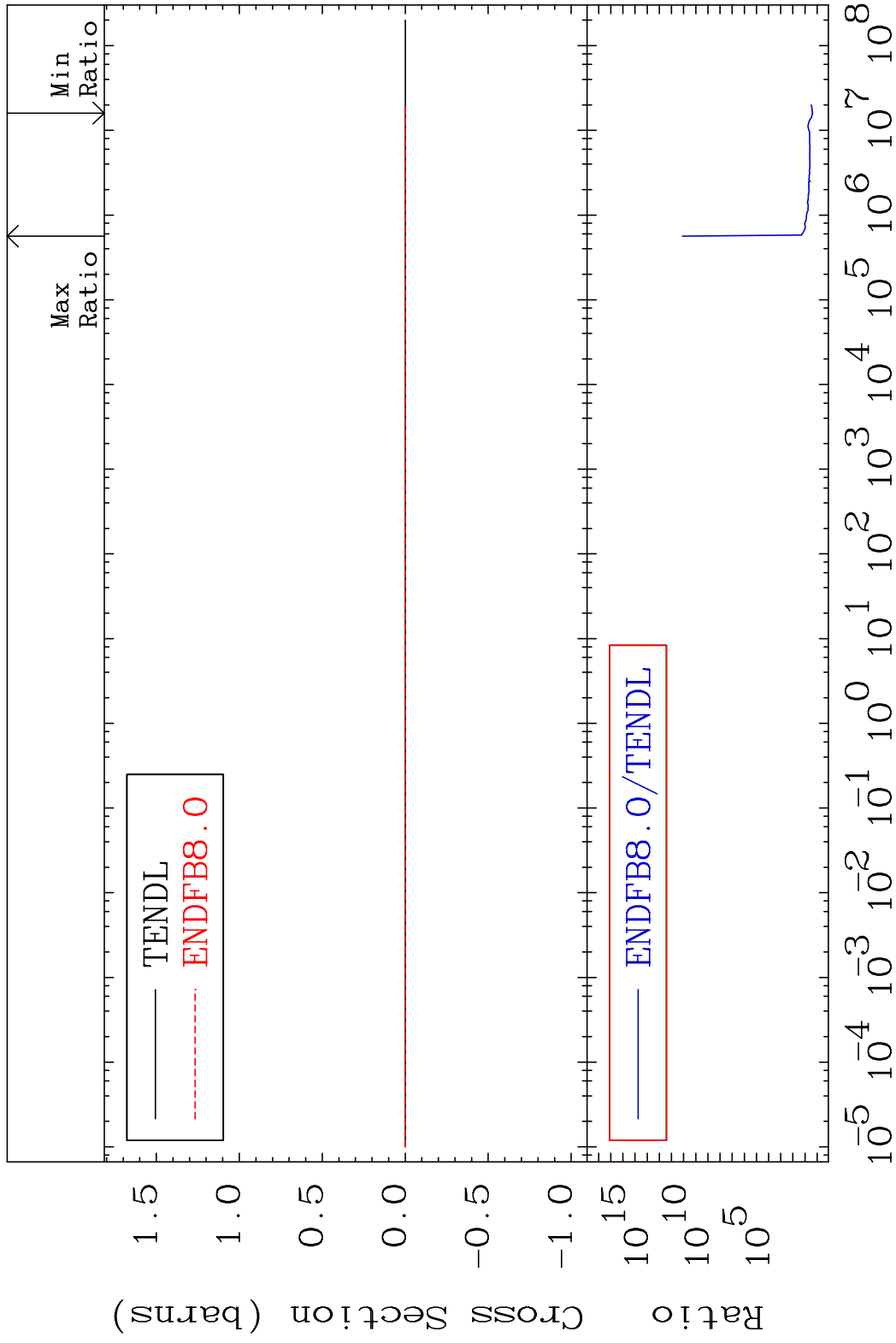
MAT 4849 Kerma non-elastic (all but mt2) 48-Cd-114
 Cross Section 375.1 To 9999. %



MAT 4849 Kerma inelastic (mt51-91) 48-Cd-114
 Cross Section 2293. To 9999. %

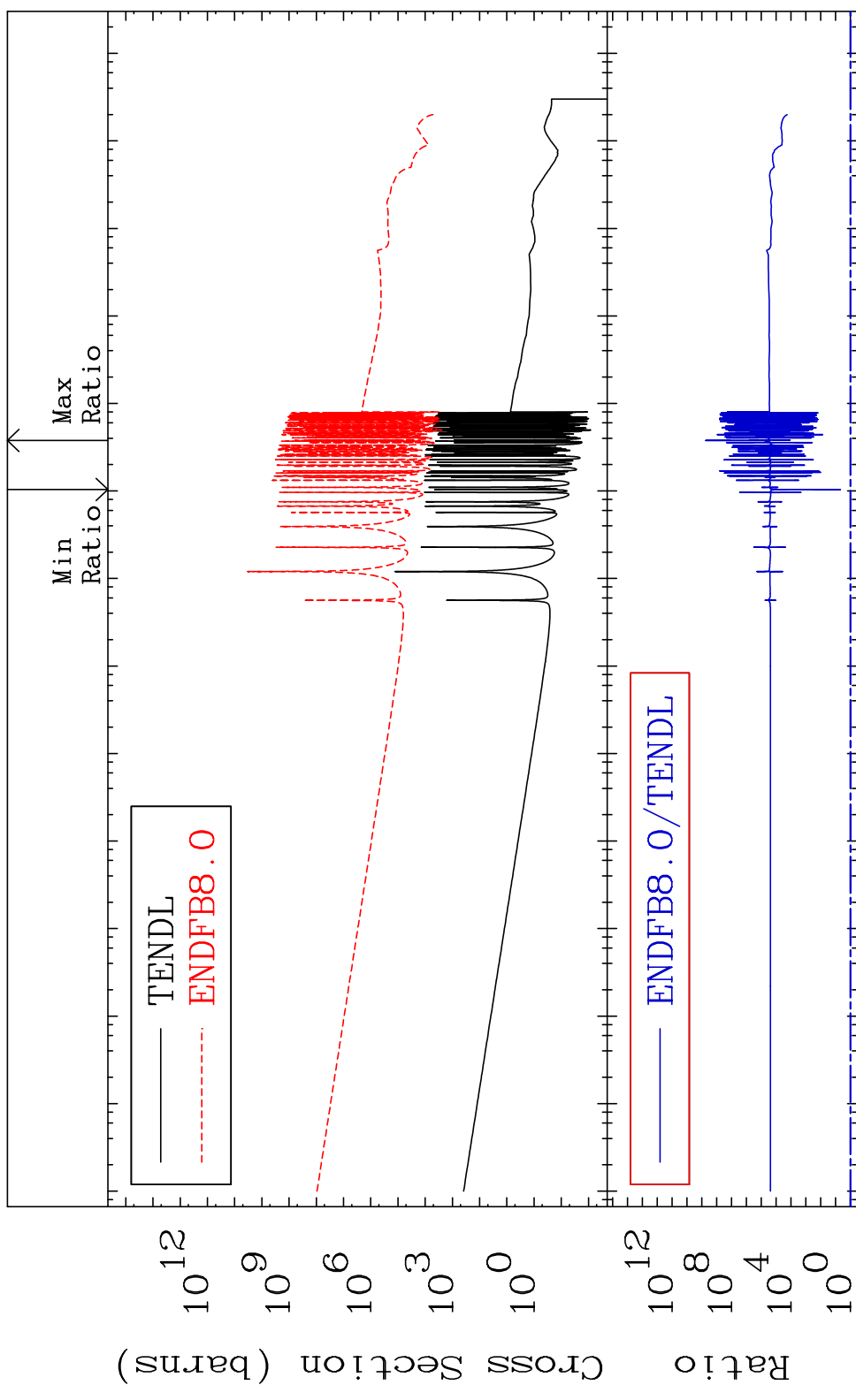


MAT 4849 Kerma fission (mt18 or mt19-20-21-38) 48-Cd-114
 Cross Section 2293. To 9999. %



MAT 4849

Kerma capture (mt102) 48-Cd-114
Cross Section 375.1 To 9999. %

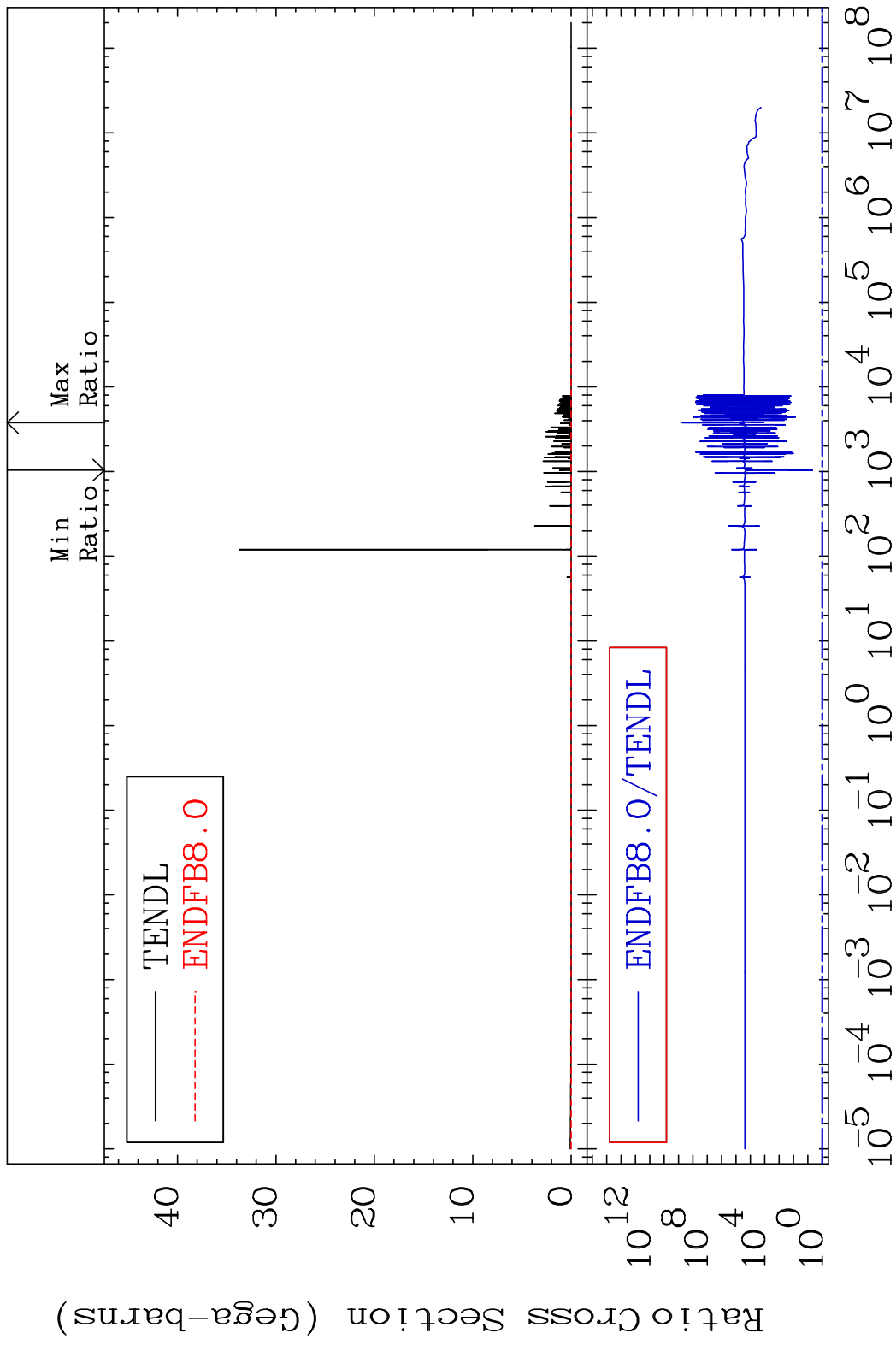


37

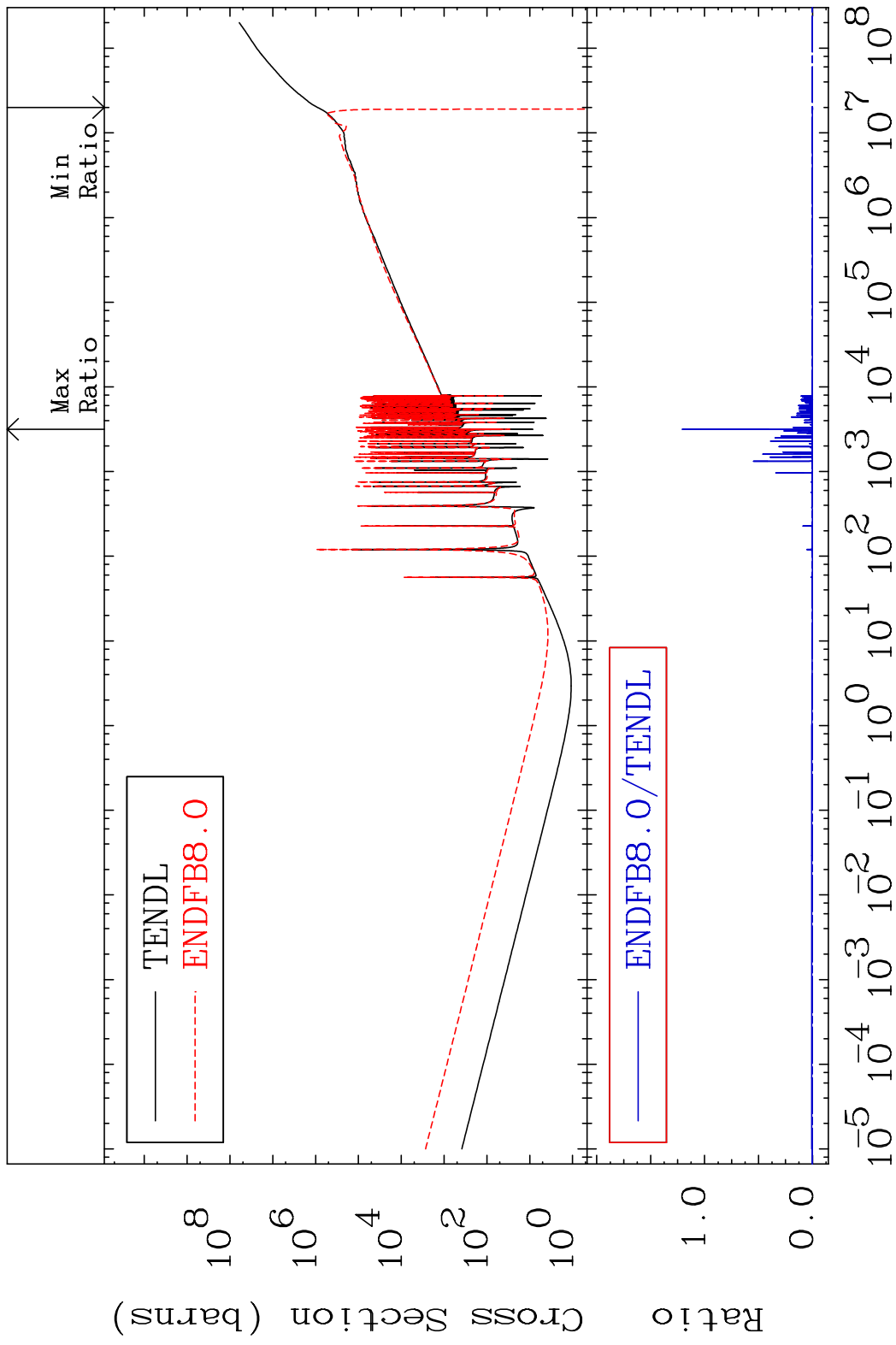
Incident Energy (eV)

48-Cd-114

MAT 4849 Total photon (eV-barns) 48-Cd-114
 Cross Section 375.1 To 9999. %



MAT 4849 Total kinematic kerma (high limit) 48-Cd-114
Cross Section -149.0 To 9999. %

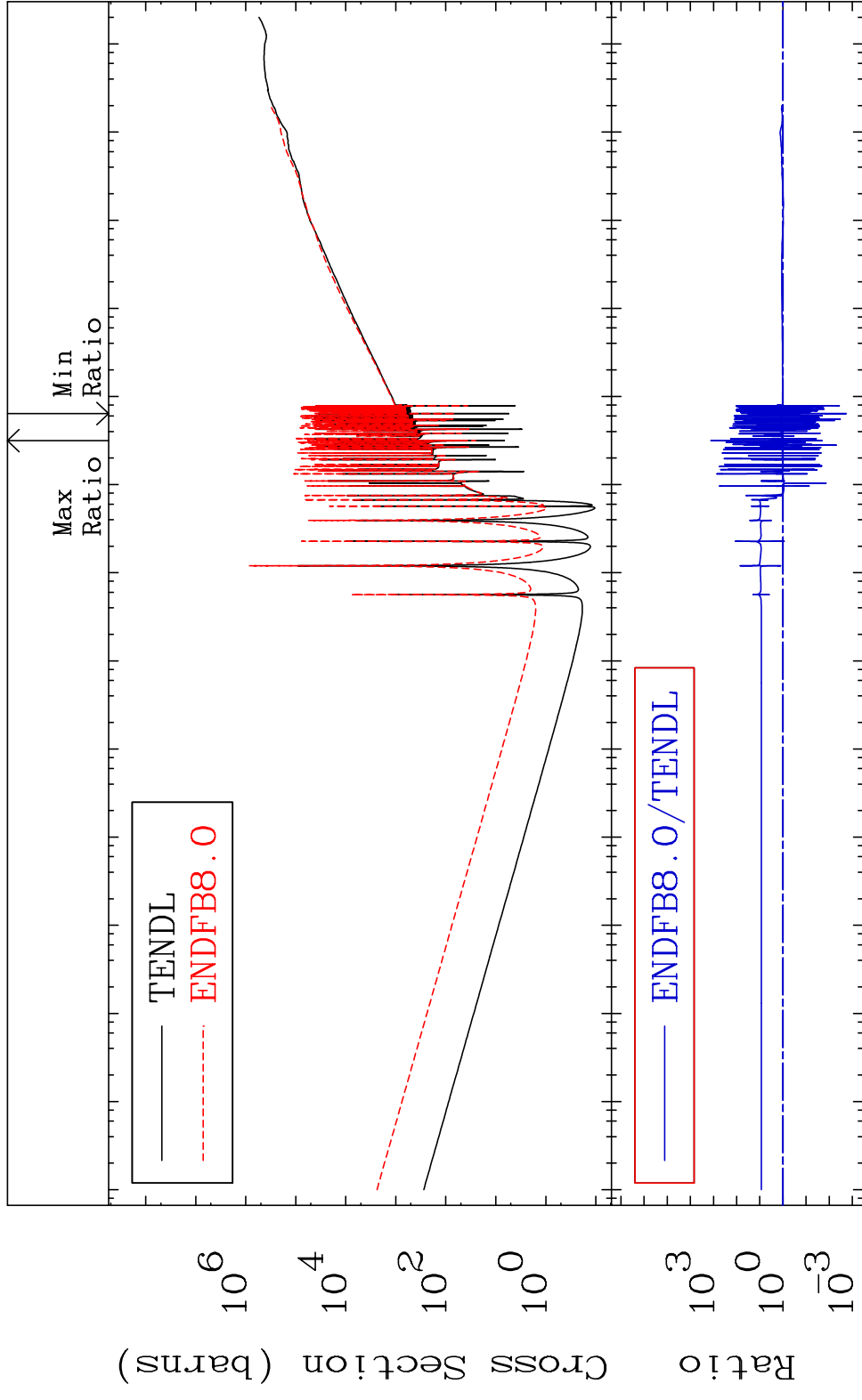


MAT 4849

Dpa total (eV-barns)

48-Cd-114

Cross Section -99.82 To 9999. %



40

Incident Energy (eV)

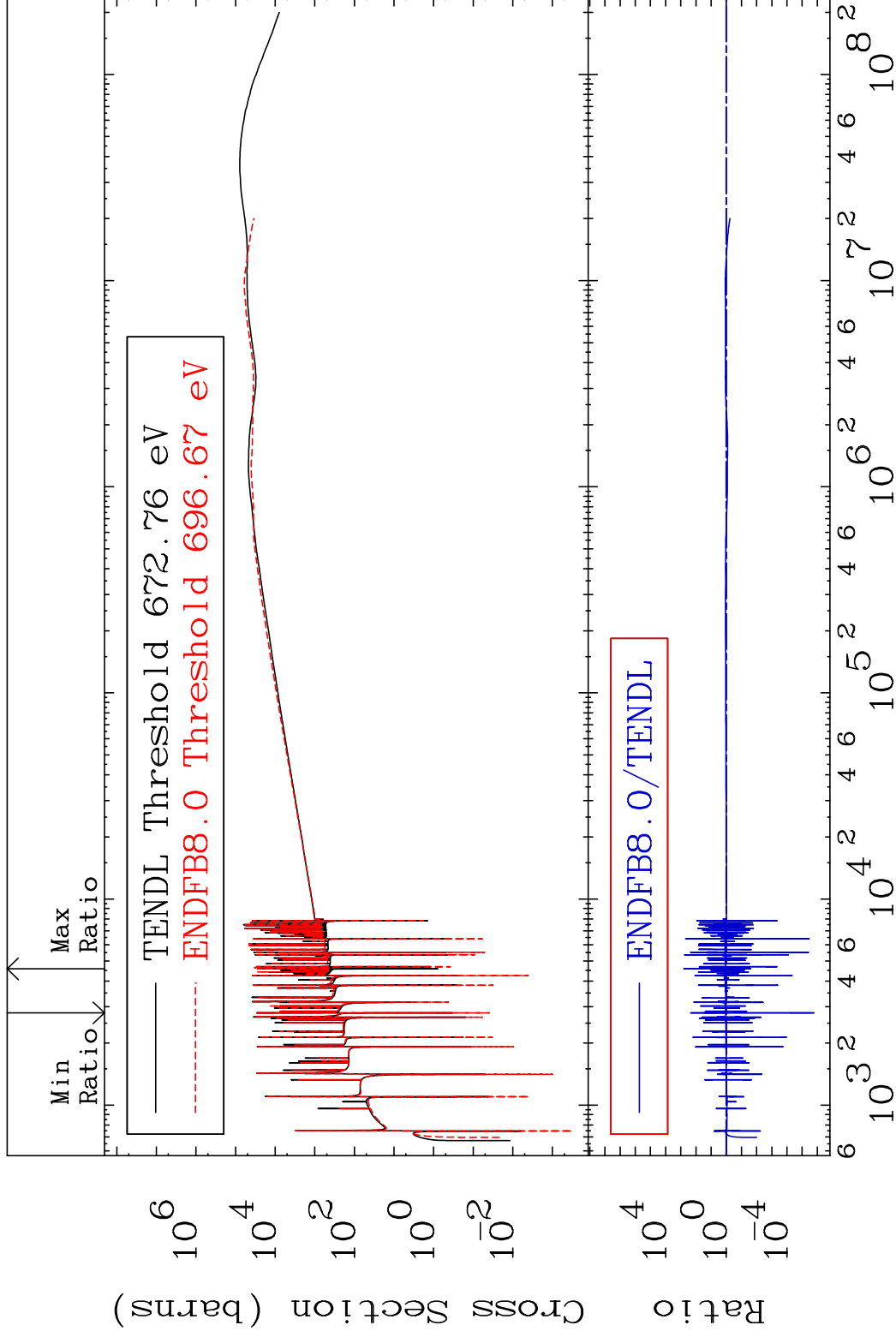
48-Cd-114

MAT 4849

Dpa elastic (mt2)

48-Cd-114

Cross Section -100.0 To 9999. %

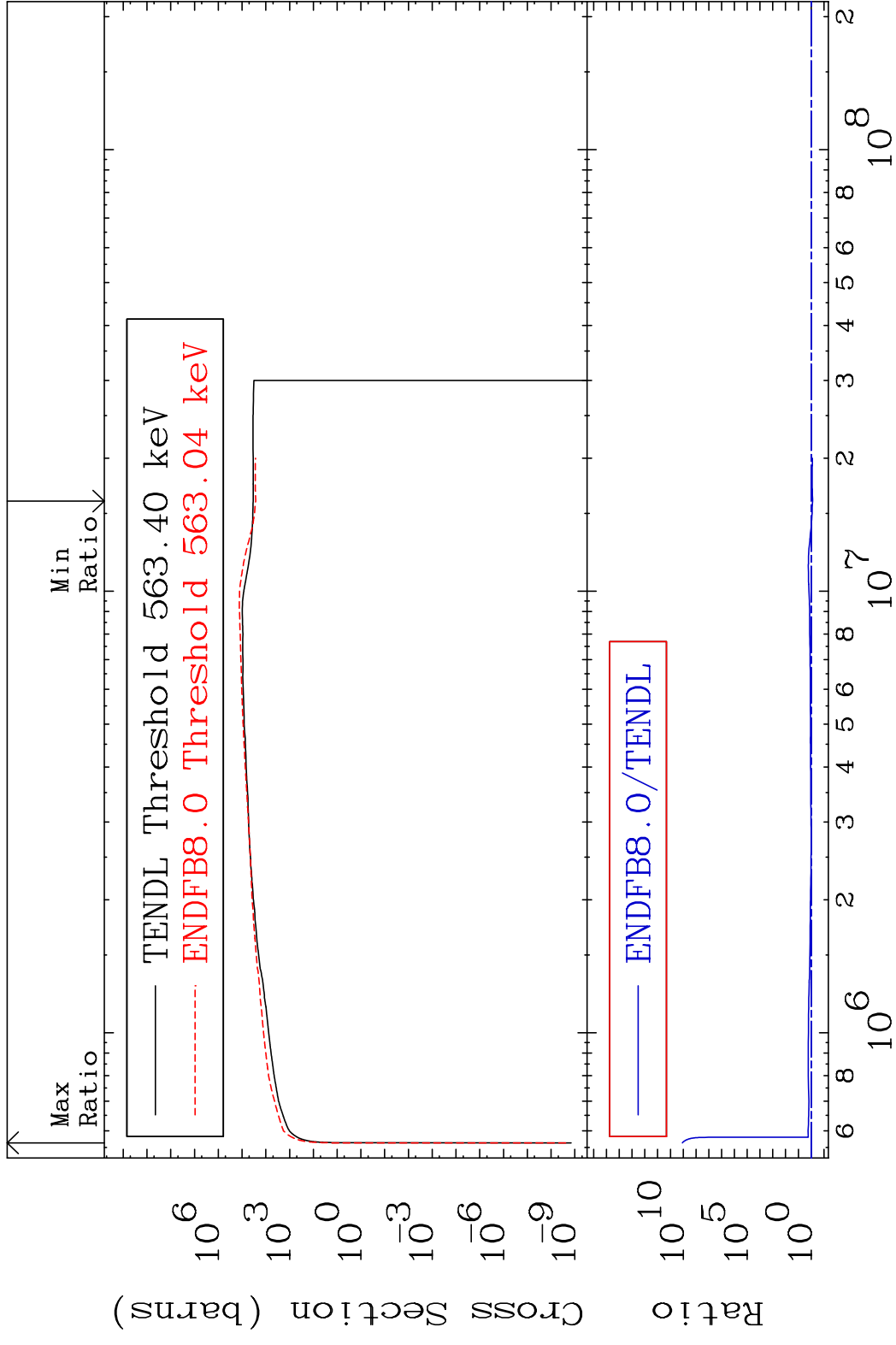


41

Incident Energy (eV)

48-Cd-114

MAT 4849 Dpa inelastic (mt51-91) 48-Cd-114
 Cross Section -22.27 To 9999. %



MAT 4849 Dpa disappearance (mt102 -120) 48-Cd-114
 Cross Section -99.98 To 9999. %

