

Program Complot
(Version 2021-1)

by

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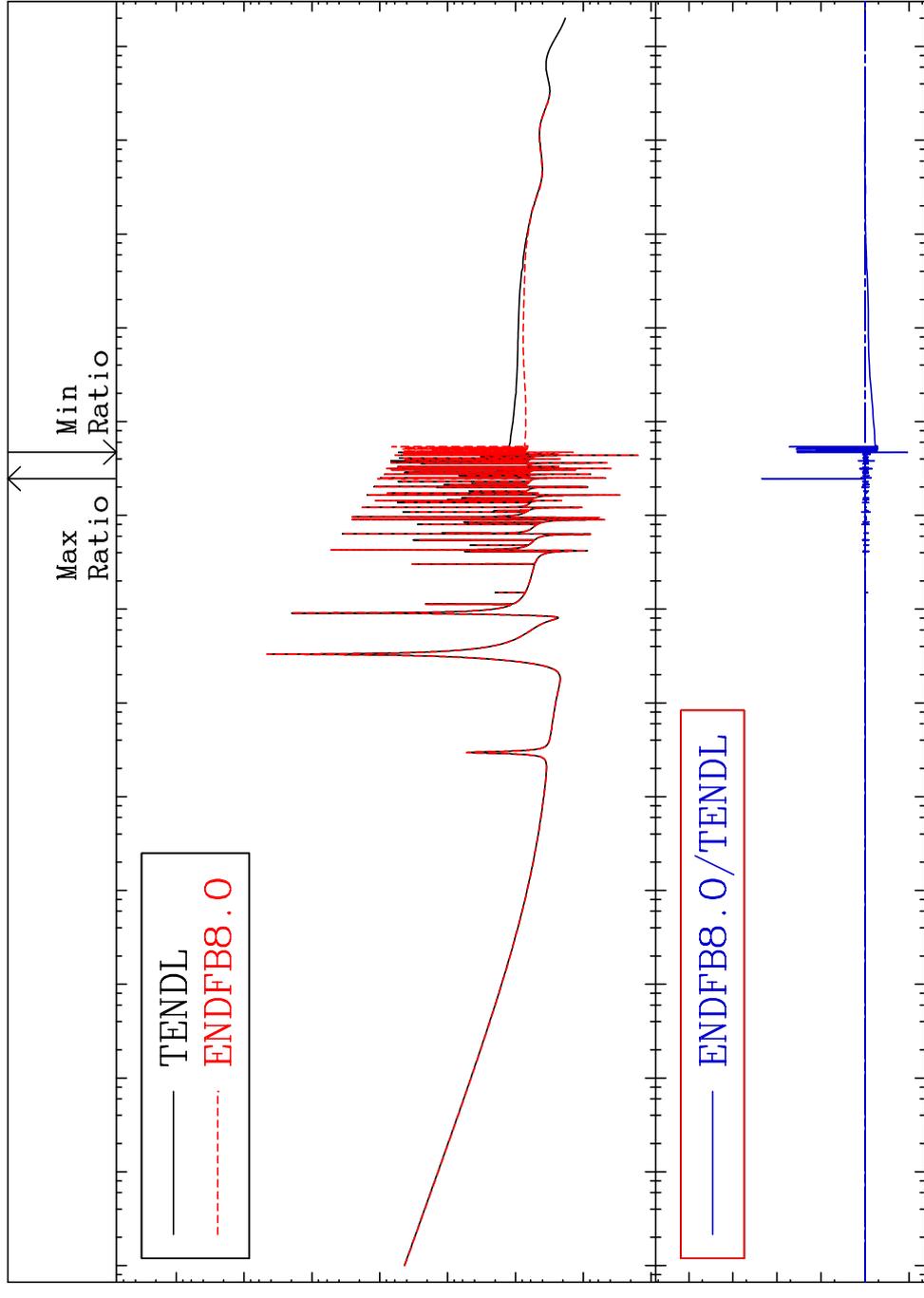
Press Mouse Button to Start

MAT 4643

46-Pd-108

Total

Cross Section -89.08 To 9999. %



Cross Section (barns)
 10^6
 10^5
 10^4
 10^3
 10^2
 10^1
 10^0
 10^{-1}
Ratio
 10^2
 10^0

Incident Energy (eV)
 10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

1 Incident Energy (eV) 46-Pd-108

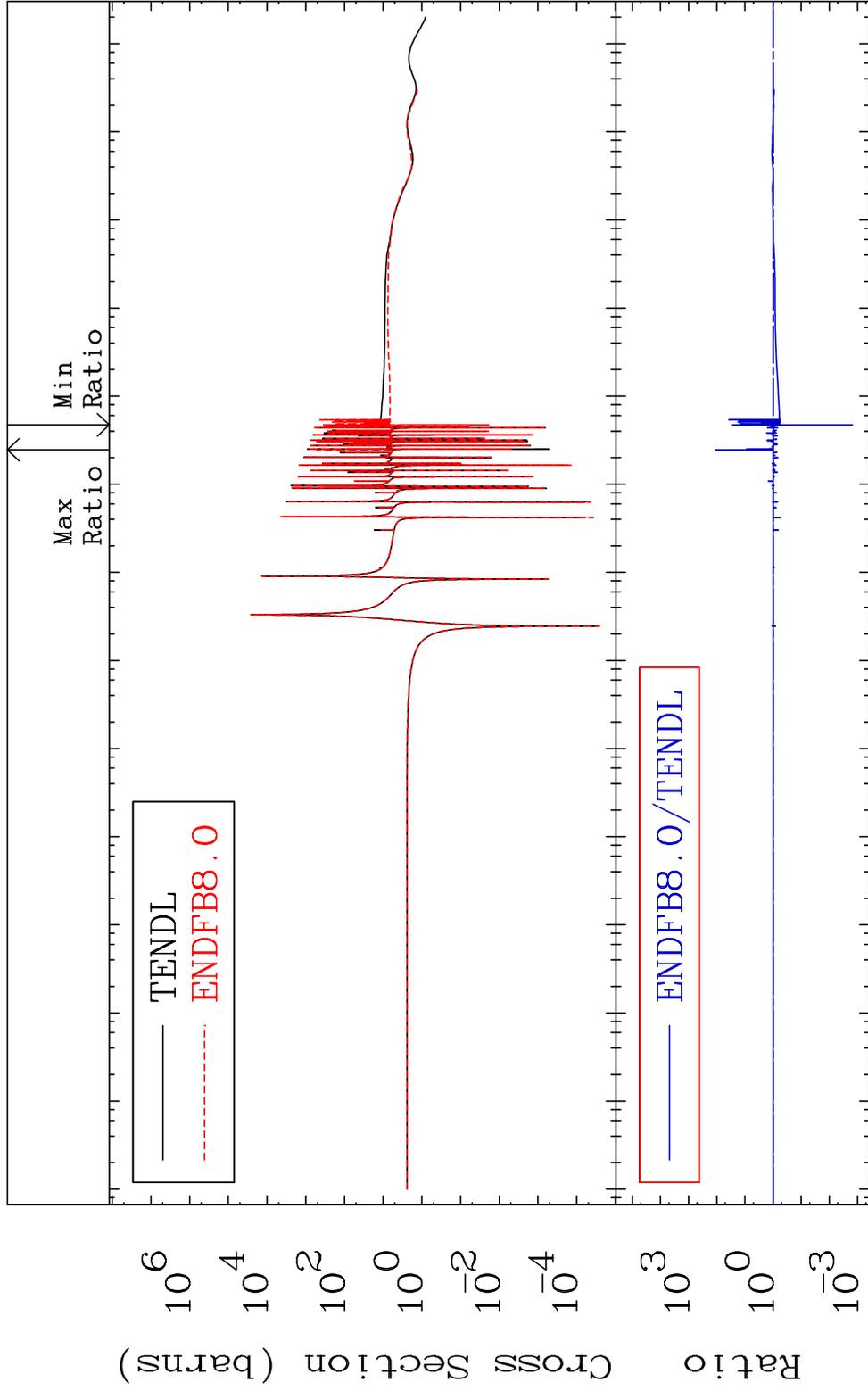
MAT 4643

Elastic

46-Pd-108

Cross Section

-99.85 To 9999. %



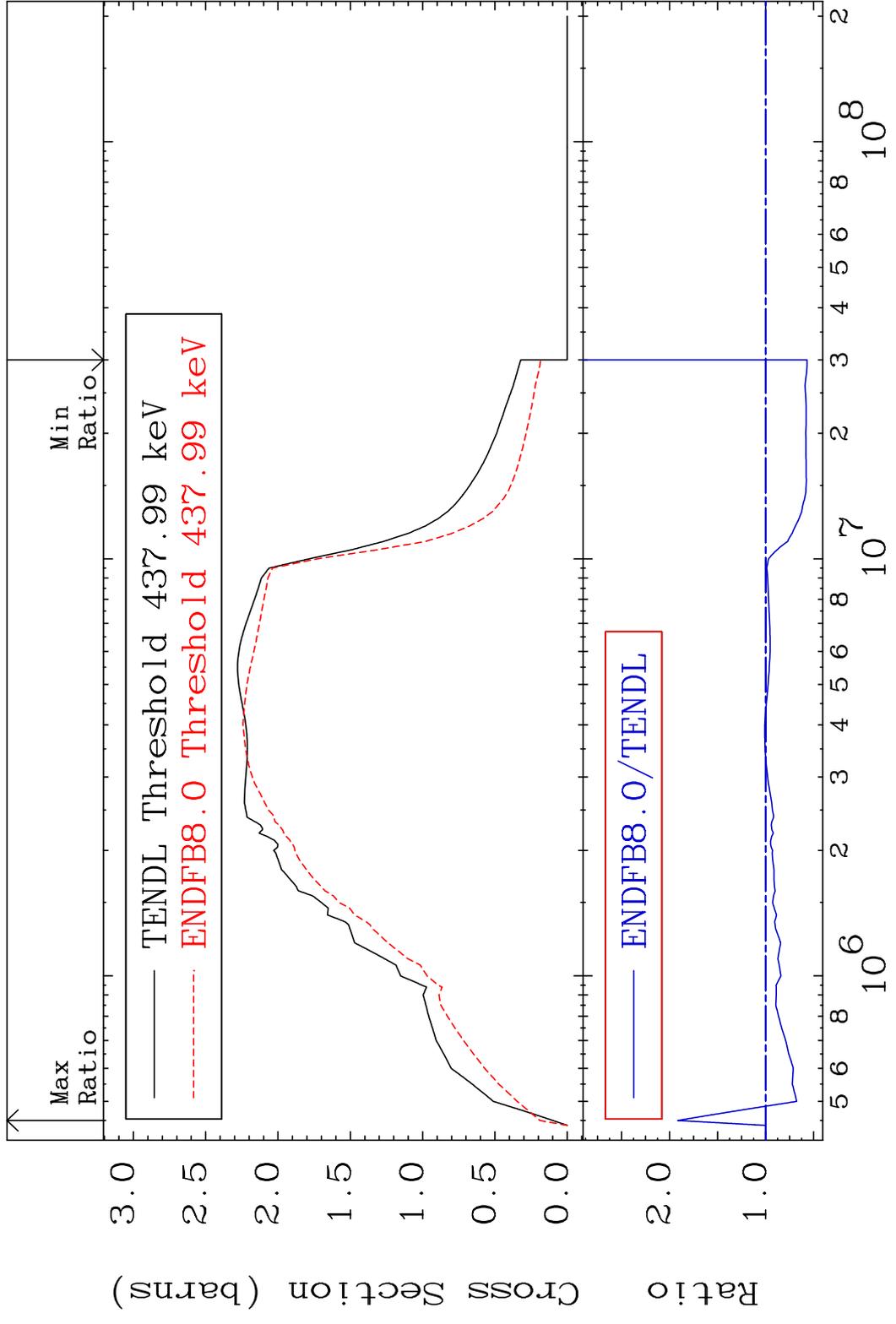
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2

Incident Energy (eV)

46-Pd-108

MAT 4643 Inelastic 46-Pd-108
 Cross Section -43.06 To 91.51 %

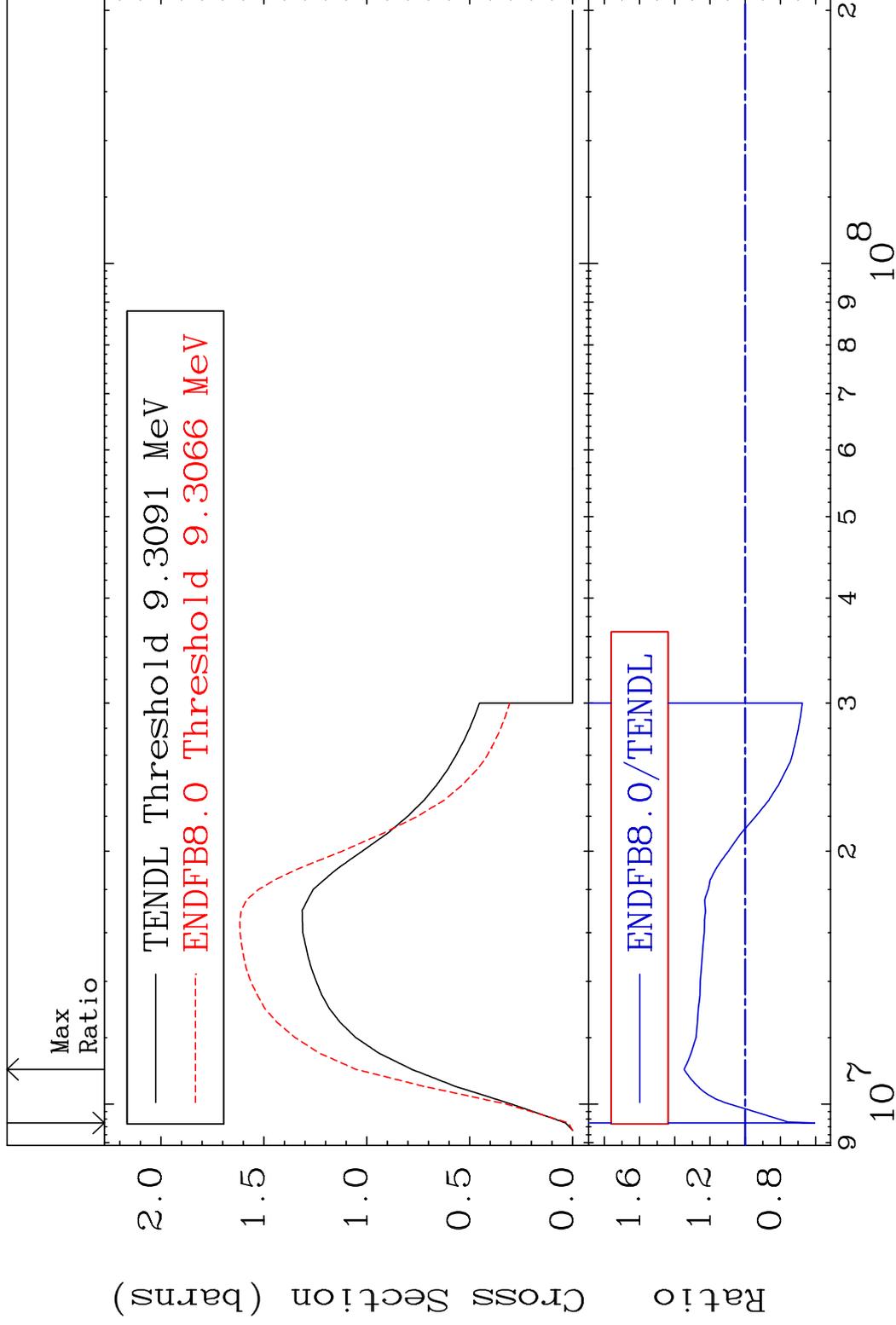


MAT 4643

(n,2n)

46-Pd-108

Cross Section -39.49 To 34.67 %



4

Incident Energy (eV)

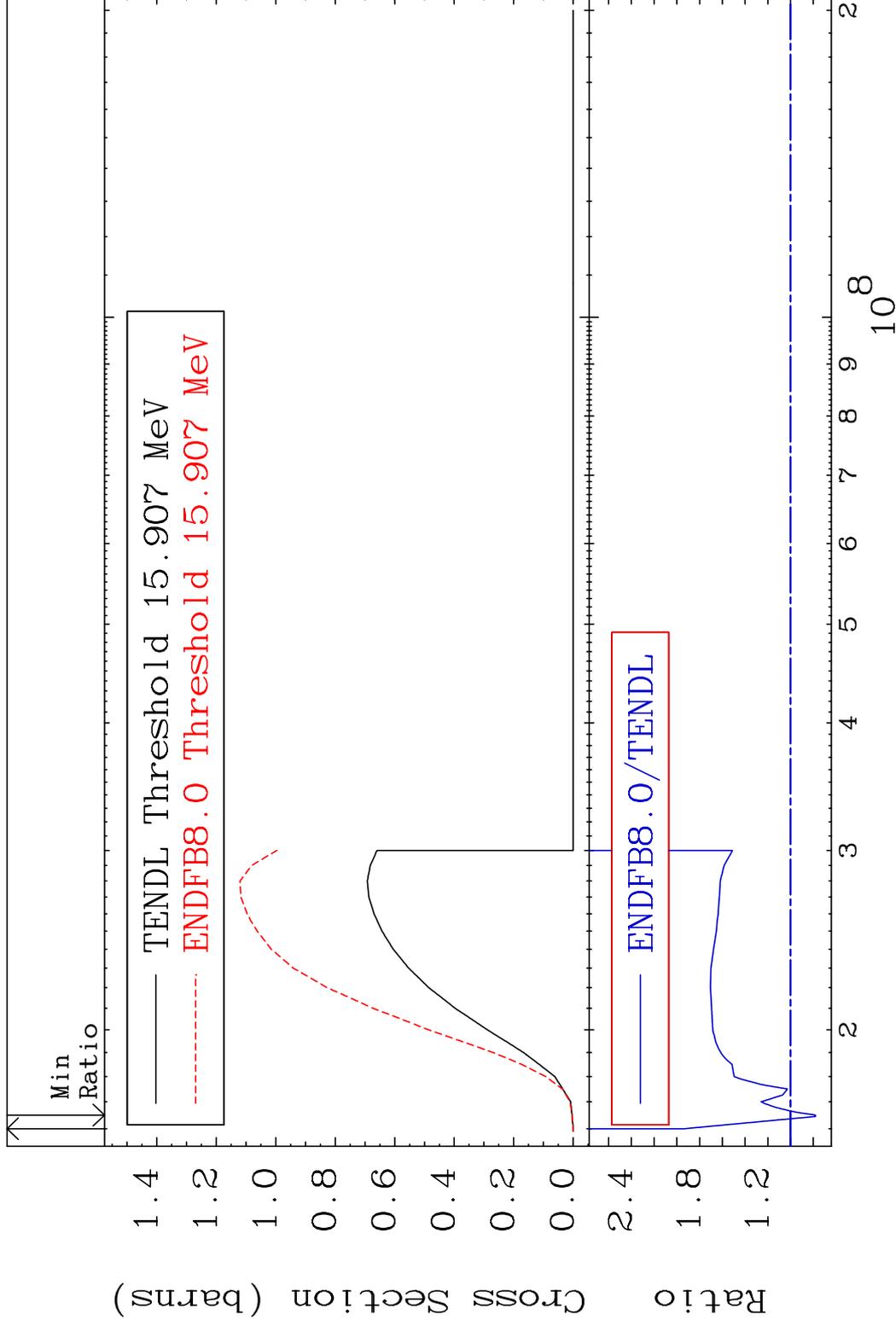
46-Pd-108

MAT 4643

(n,3n)

46-Pd-108

Cross Section -21.91 To 93.02 %

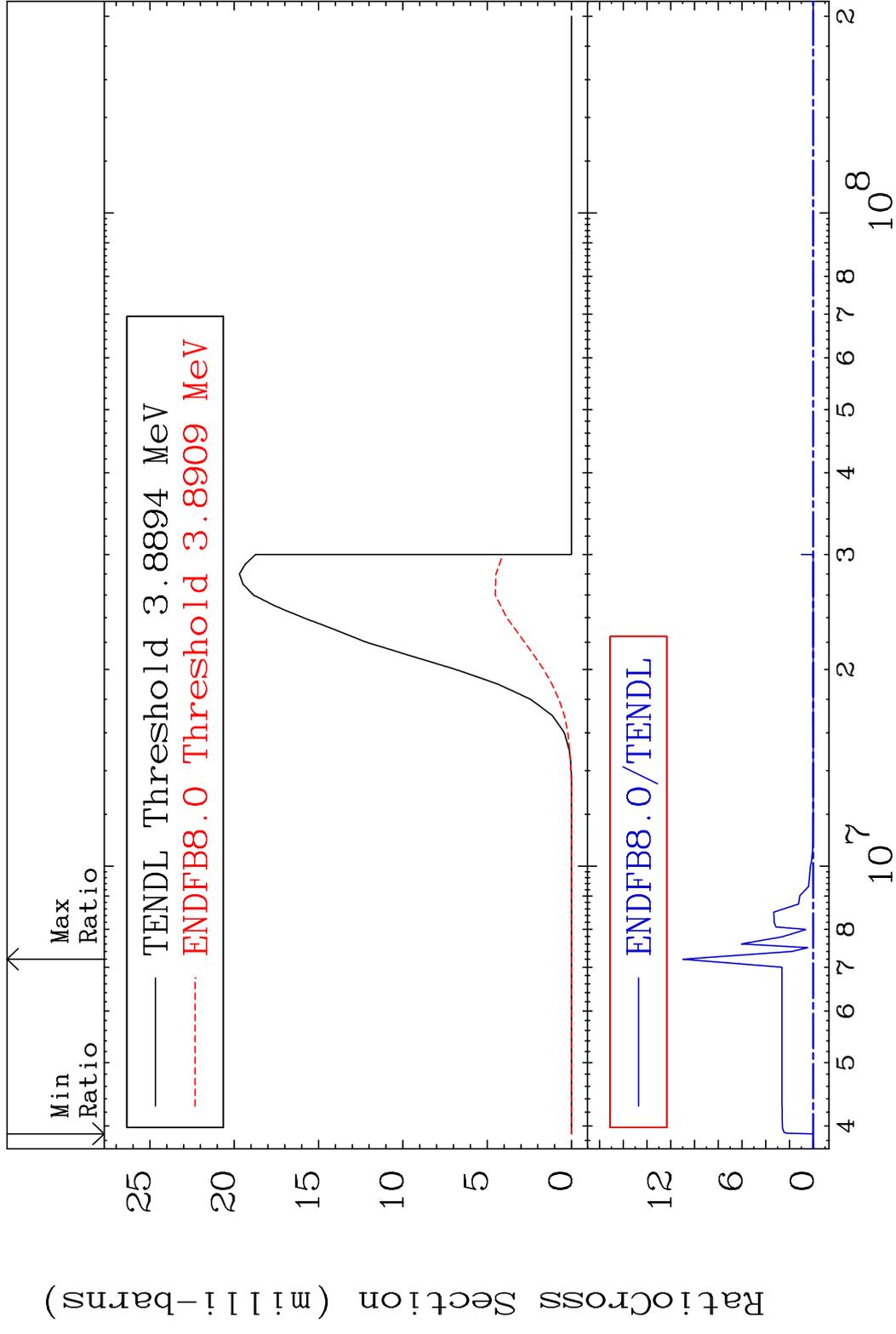


5

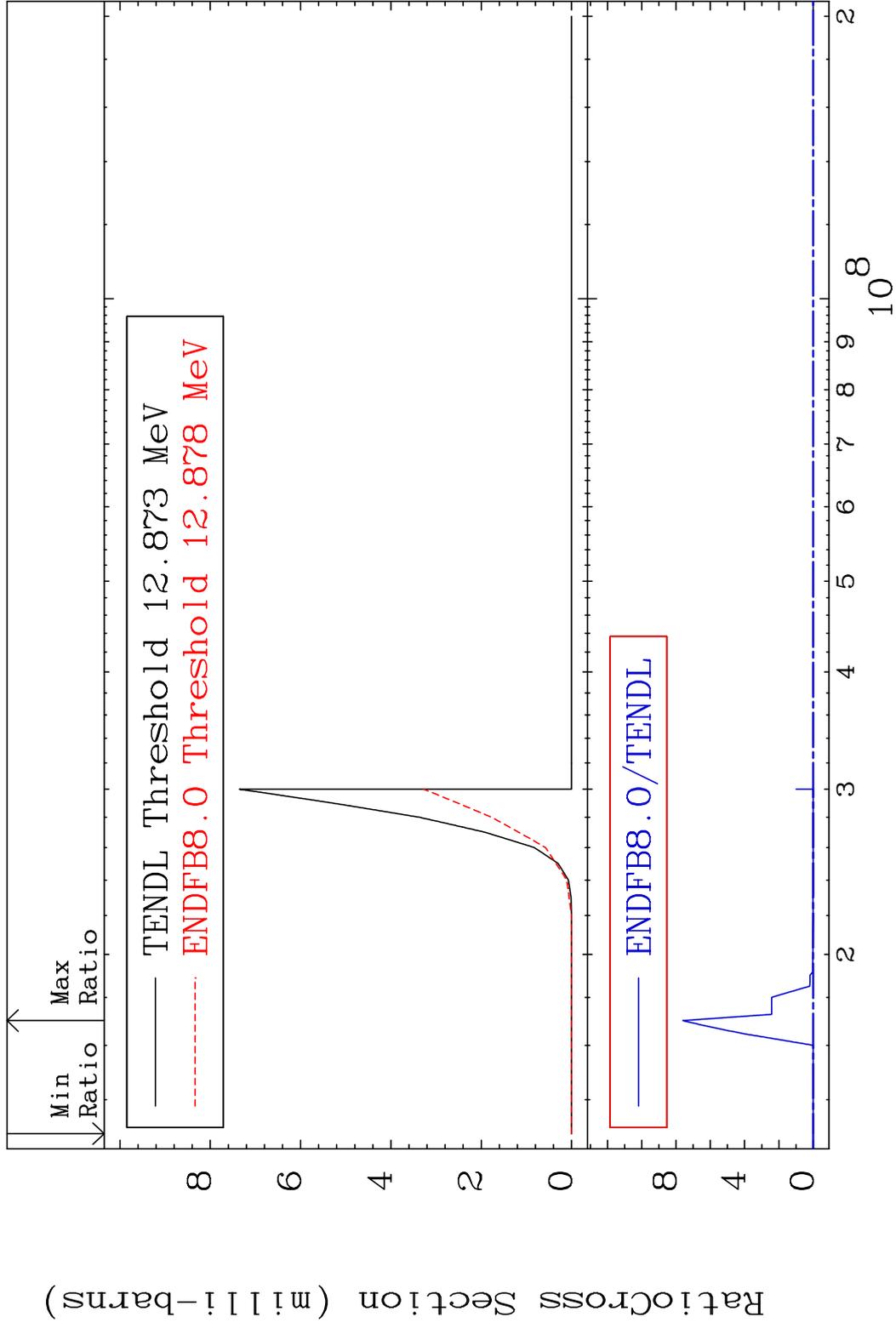
Incident Energy (eV)

46-Pd-108

MAT 4643 (n, n') α 46-Pd-108
 Cross Section -100.0 To 9999. %



MAT 4643 (n,2n) α 46-Pd-108
 Cross Section -100.0 To 9999. %

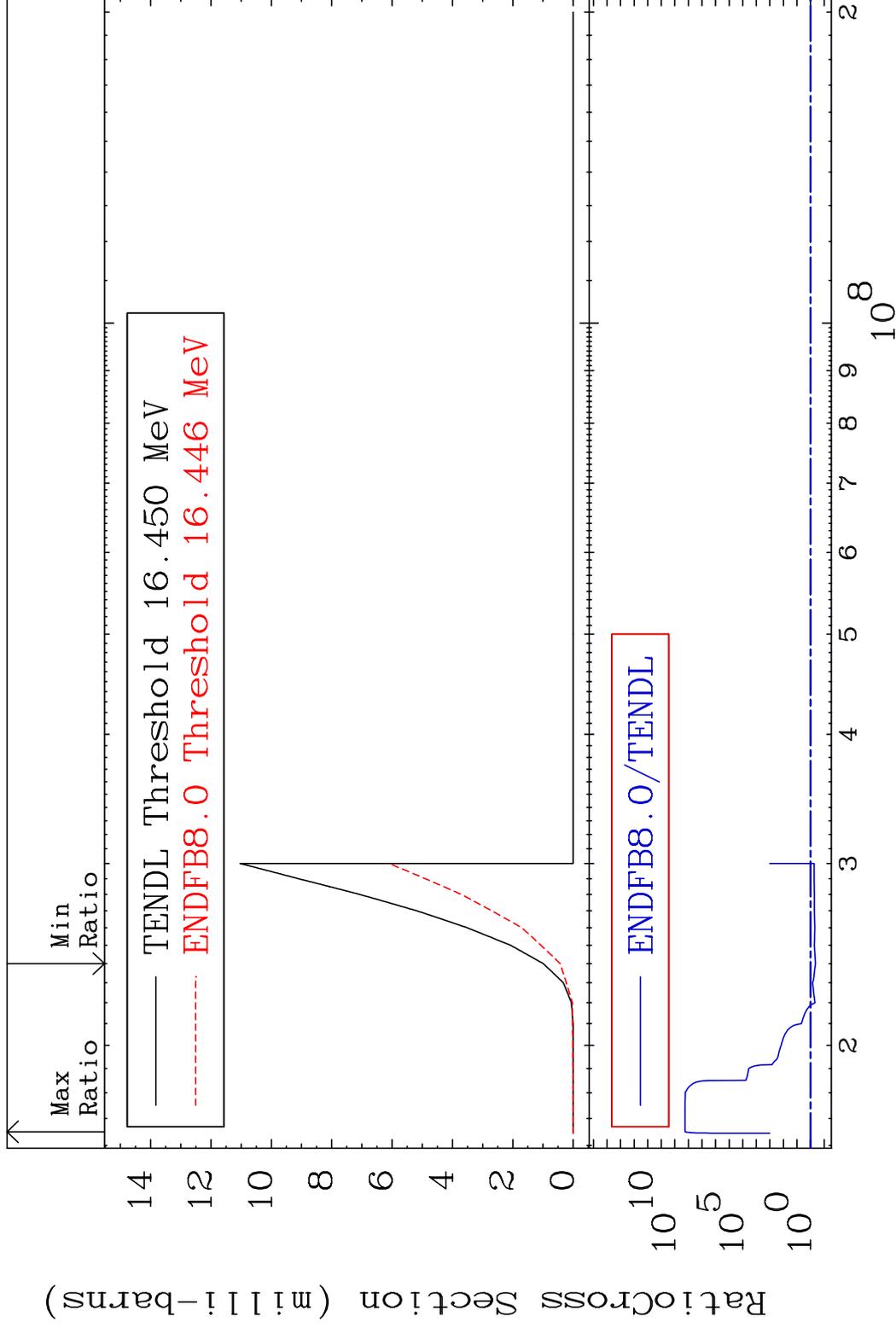


MAT 4643

(n, n') d

46-Pd-108

Cross Section -56.55 To 9999. %

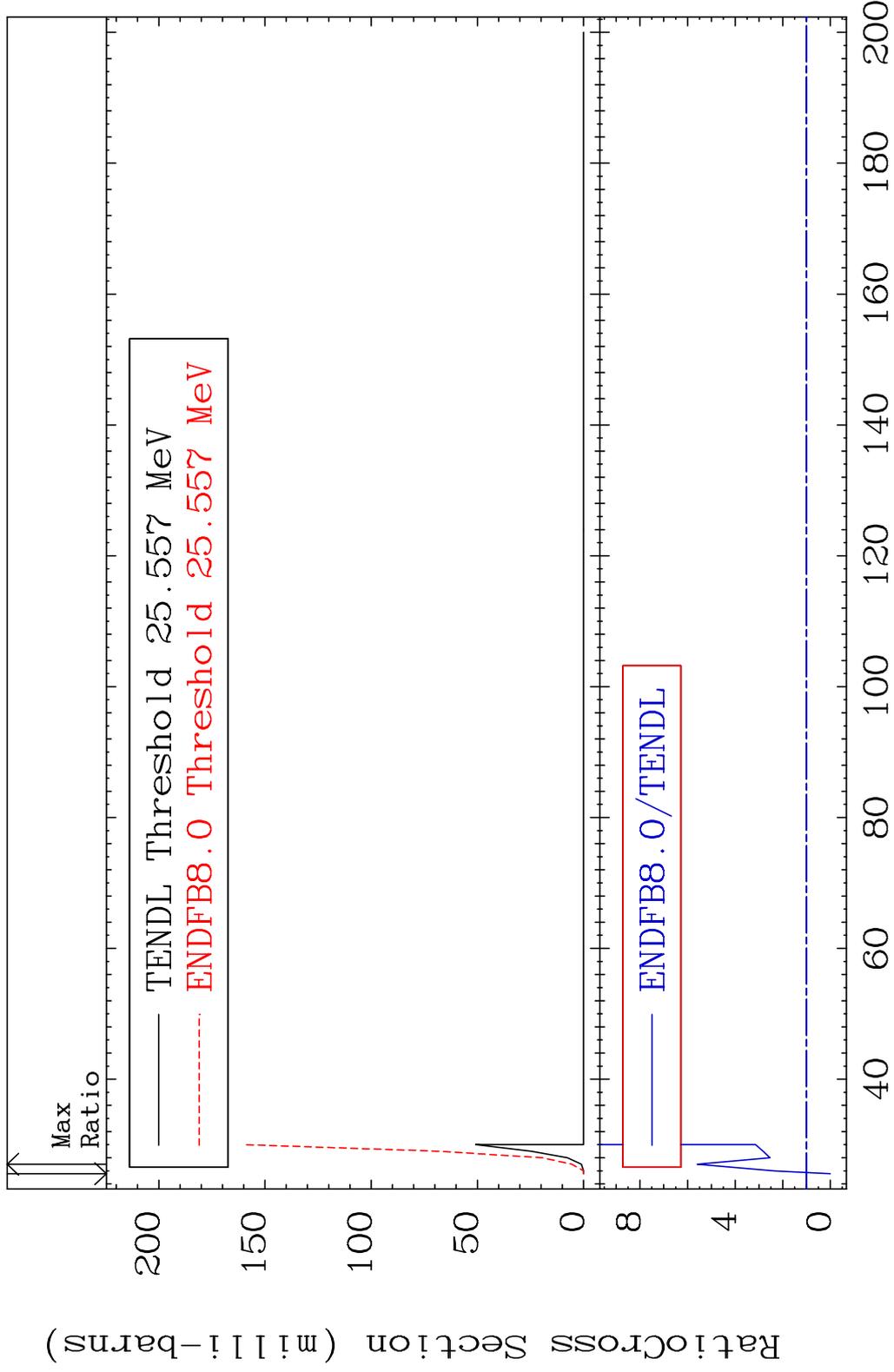


MAT 4643

(n,4n)

46-Pd-108

Cross Section -100.0 To 459.5 %

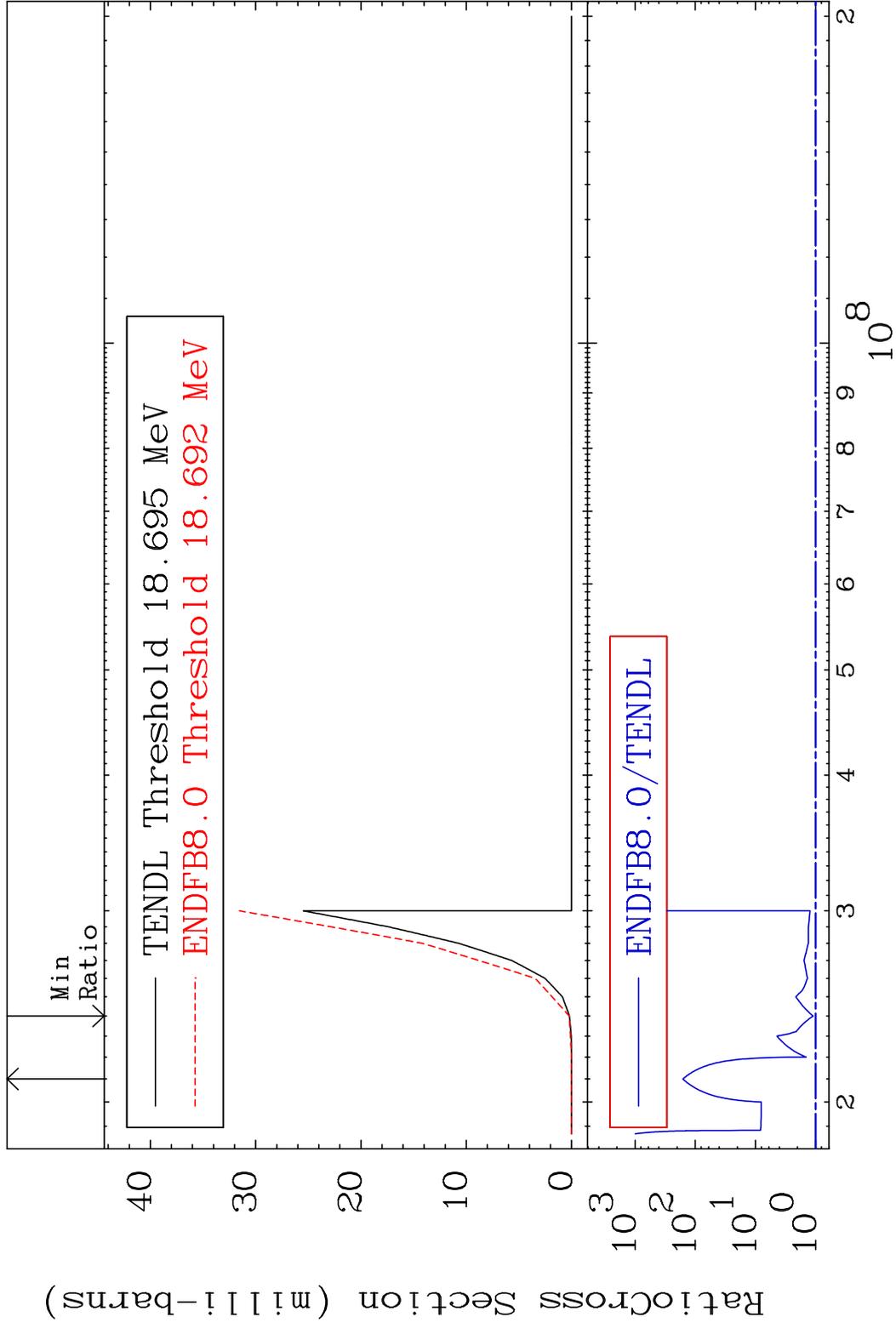


10

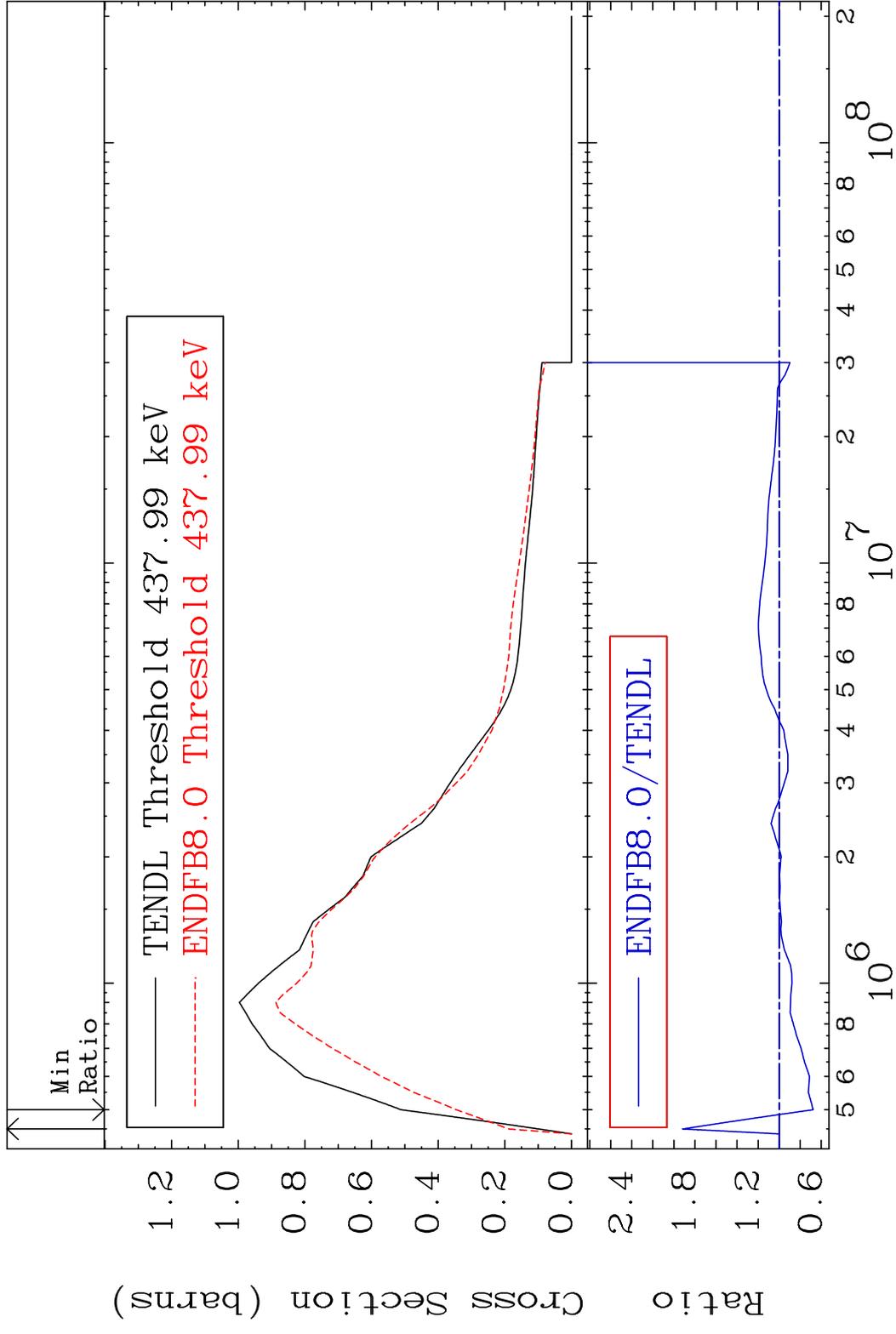
Incident Energy (MeV)

46-Pd-108

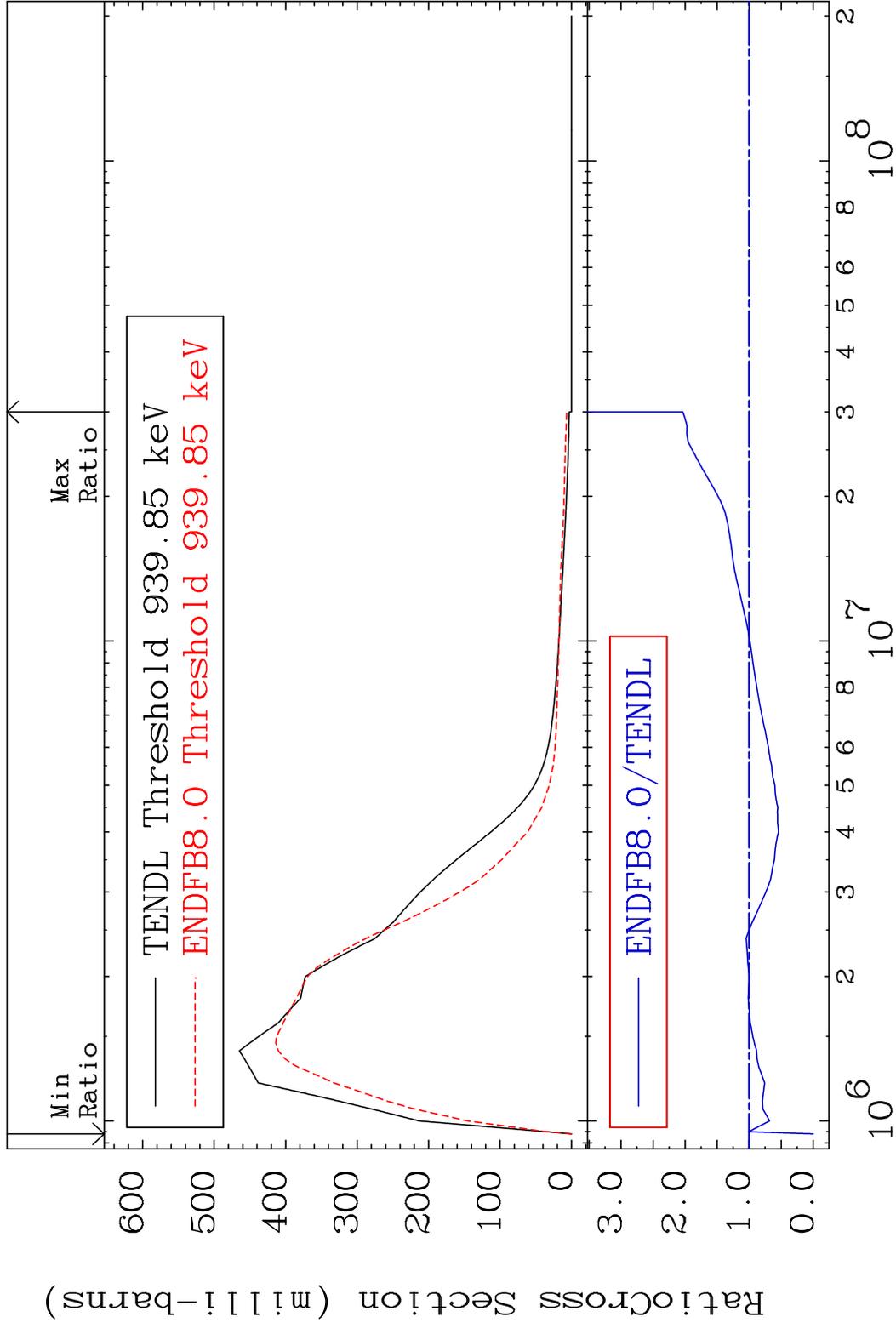
MAT 4643 (n,2n) p 46-Pd-108
 Cross Section 10.04 To 9999. %



MAT 4643 MT= 51 (n,n') Level 46-Pd-108
 Cross Section -32.32 To 91.51 %

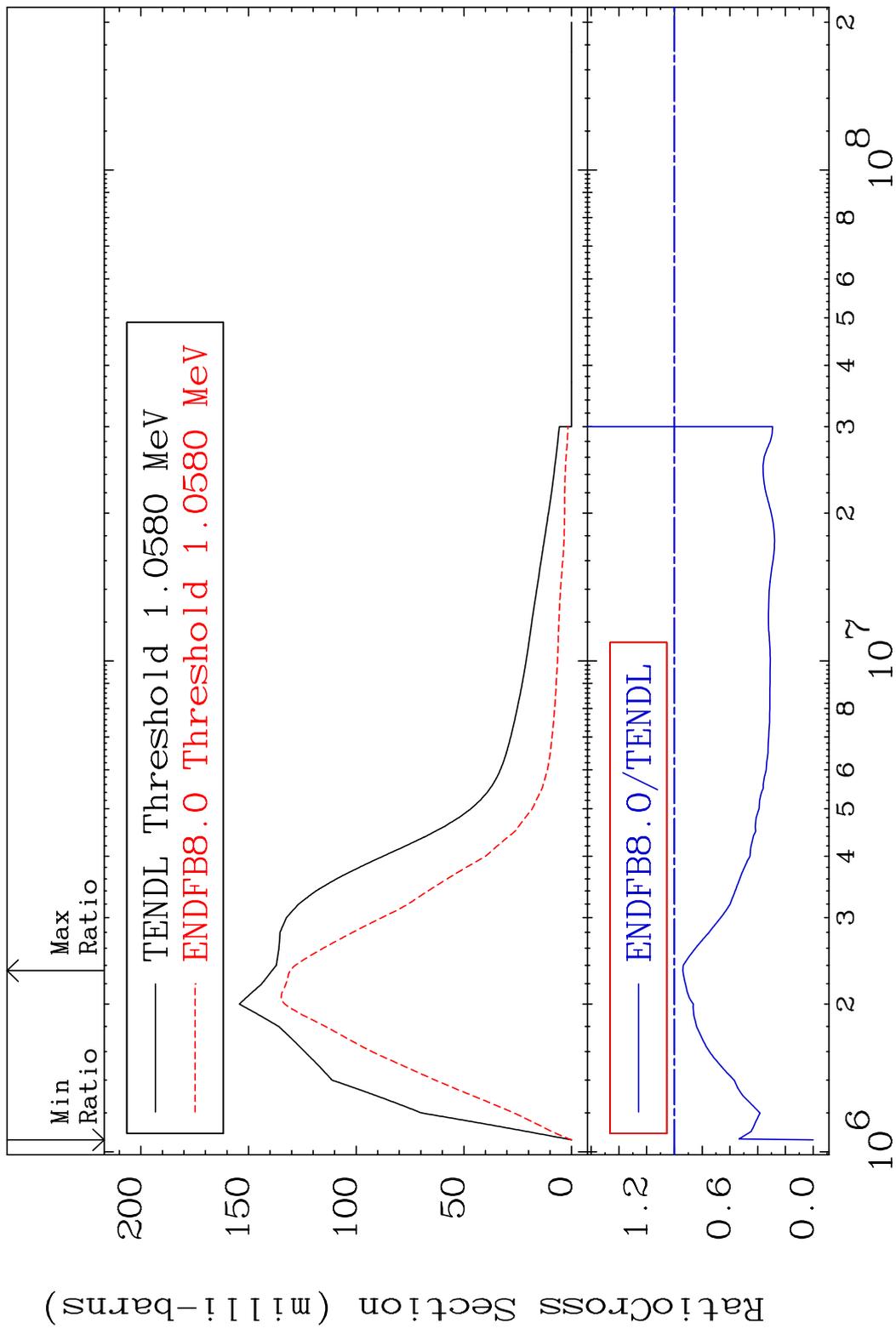


MAT 4643 MT= 52 (n, n') Level 46-Pd-108
 Cross Section -100.0 To 103.6 %



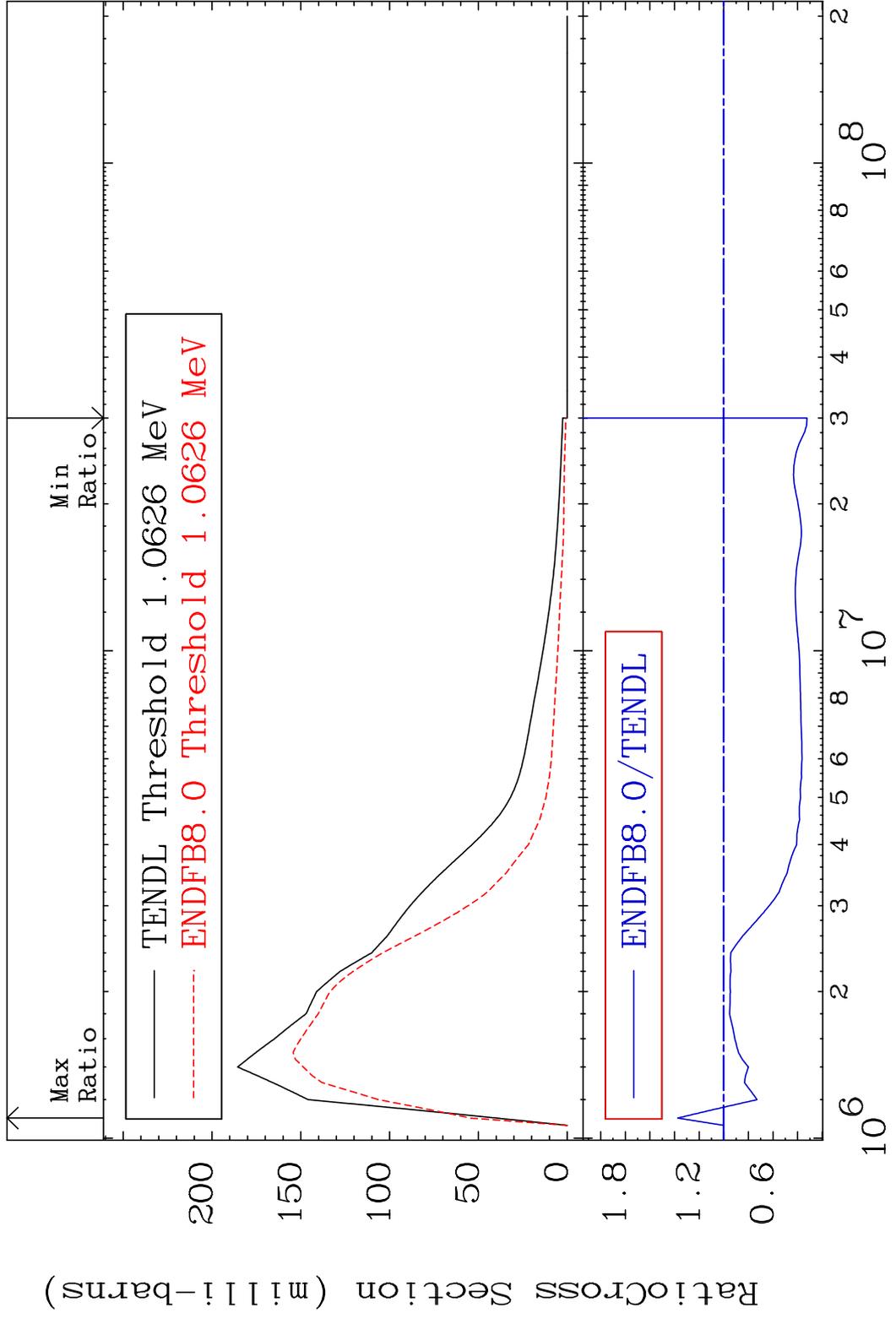
13 Incident Energy (eV) 46-Pd-108

MAT 4643 MT= 53 (n,n') Level 46-Pd-108
 Cross Section -100.0 To -6.057%



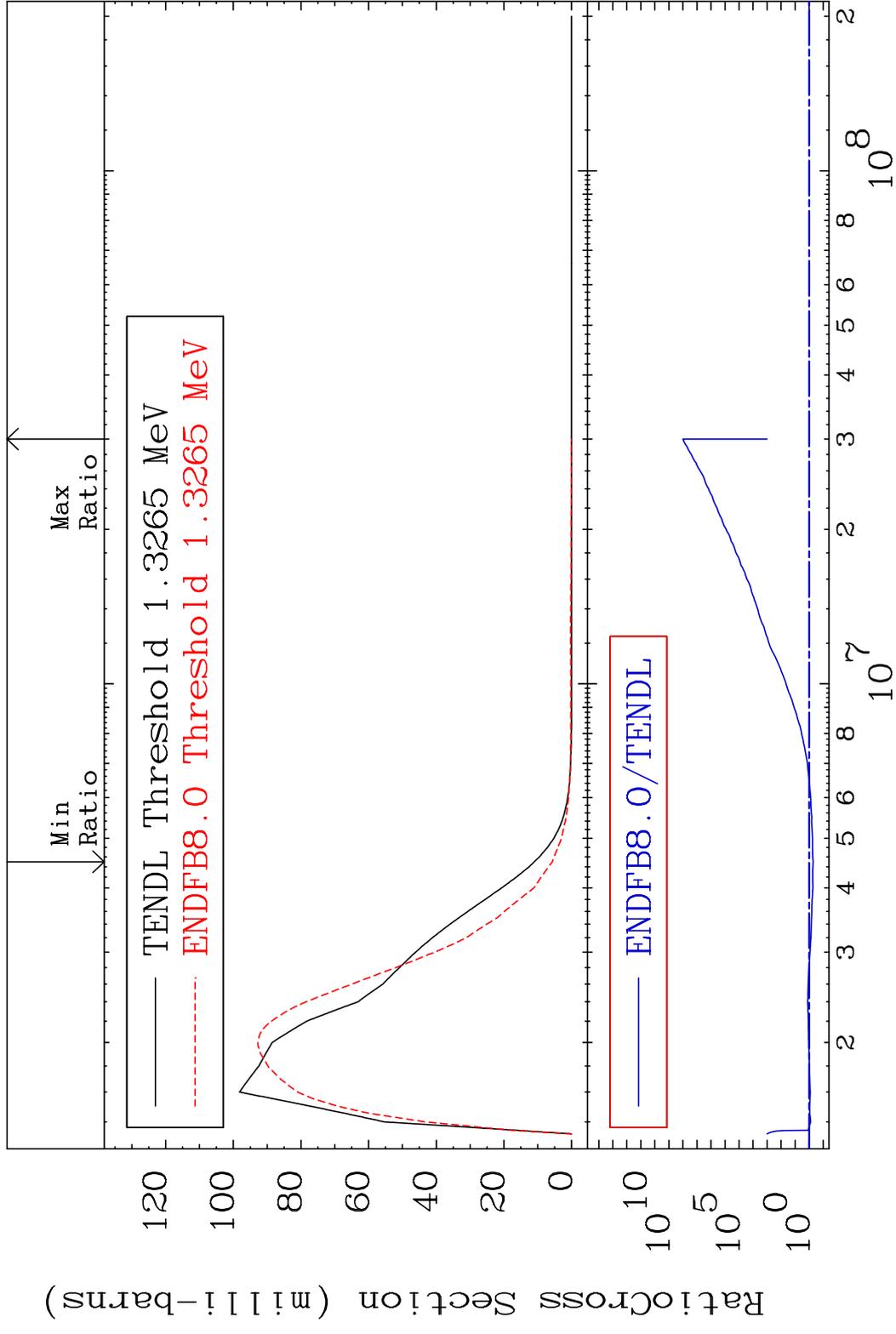
14 Incident Energy (eV) 46-Pd-108

MAT 4643 MT= 54 (n,n') Level 46-Pd-108
 Cross Section -67.63 To 37.46 %

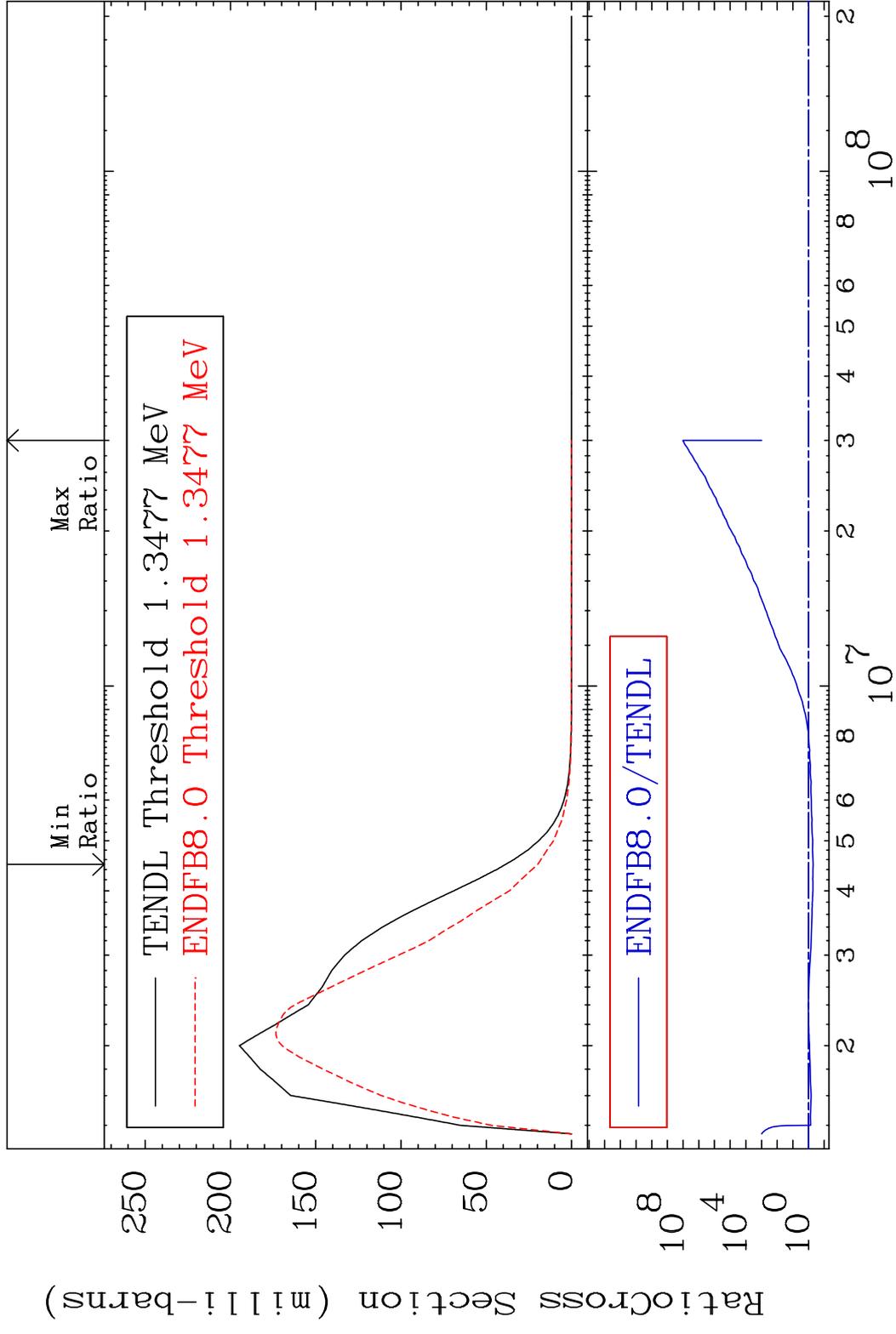


15 46-Pd-108

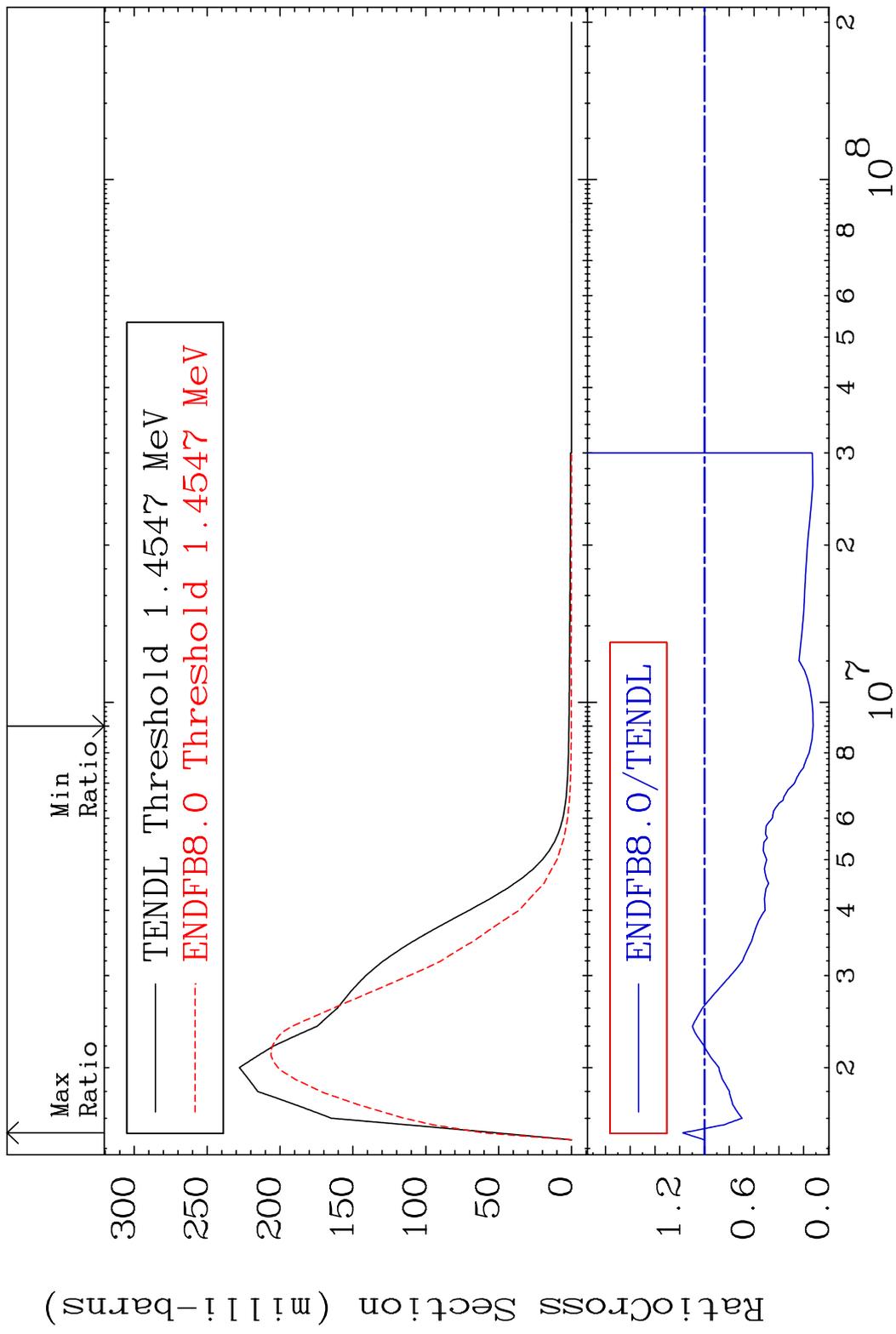
MAT 4643 MT= 55 (n, n') Level 46-Pd-108
 Cross Section -48.39 To 9999. %



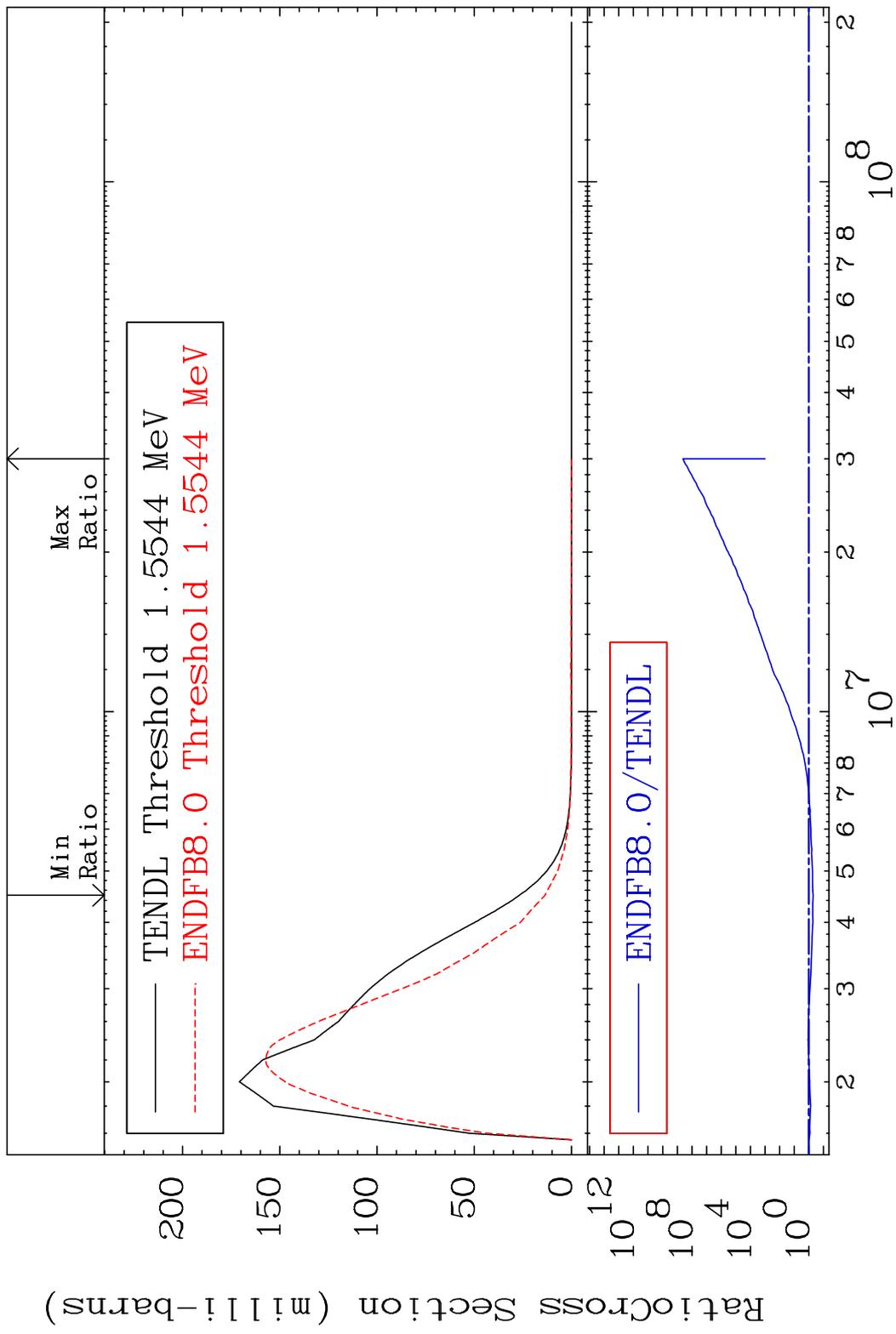
MAT 4643 MT= 56 (n, n') Level 46-Pd-108
 Cross Section -48.85 To 9999. %



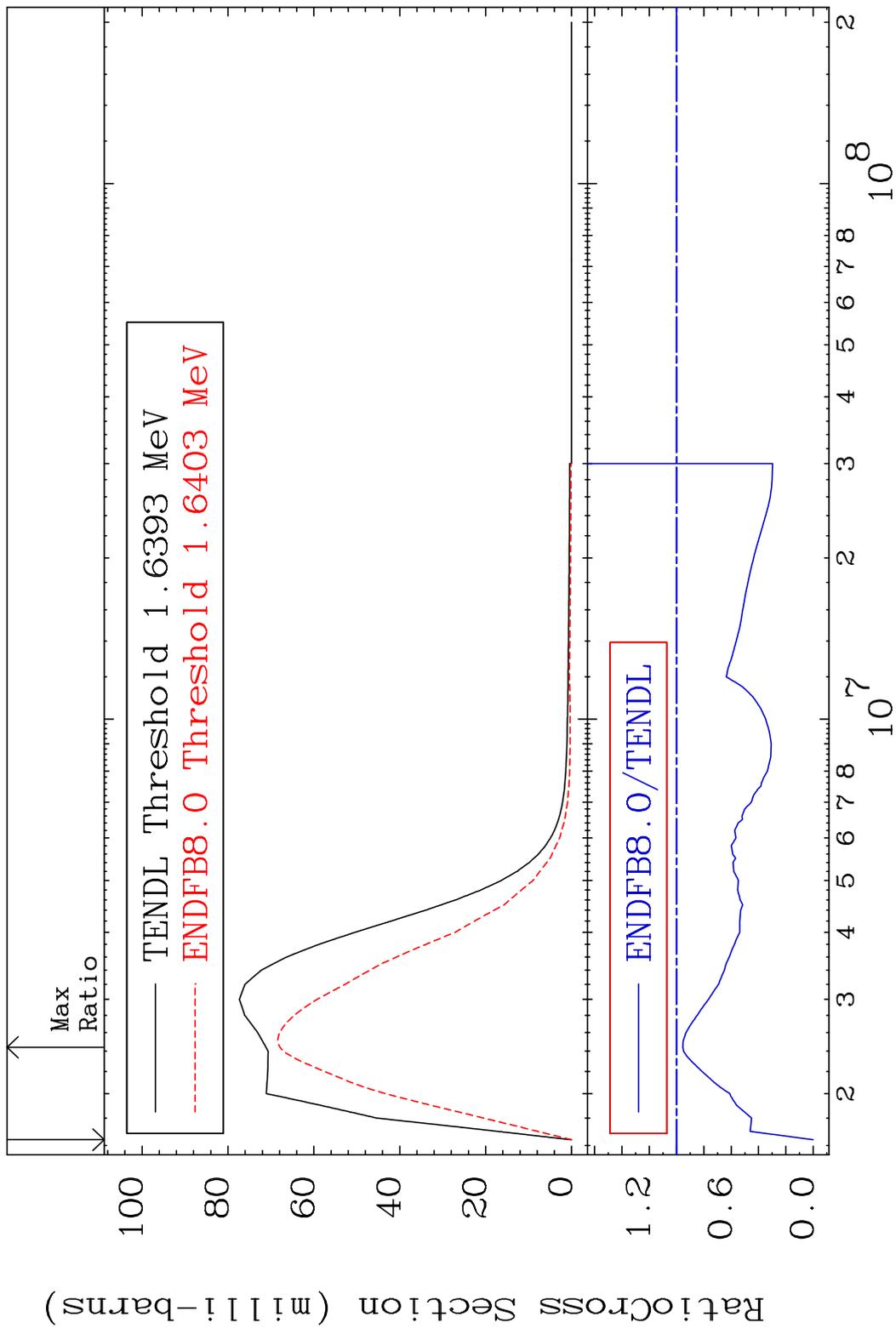
MAT 4643 MT= 57 (n,n') Level 46-Pd-108
 Cross Section -87.69 To 17.50 %



MAT 4643 MT= 58 (n, n') Level 46-Pd-108
 Cross Section -49.22 To 9999. %

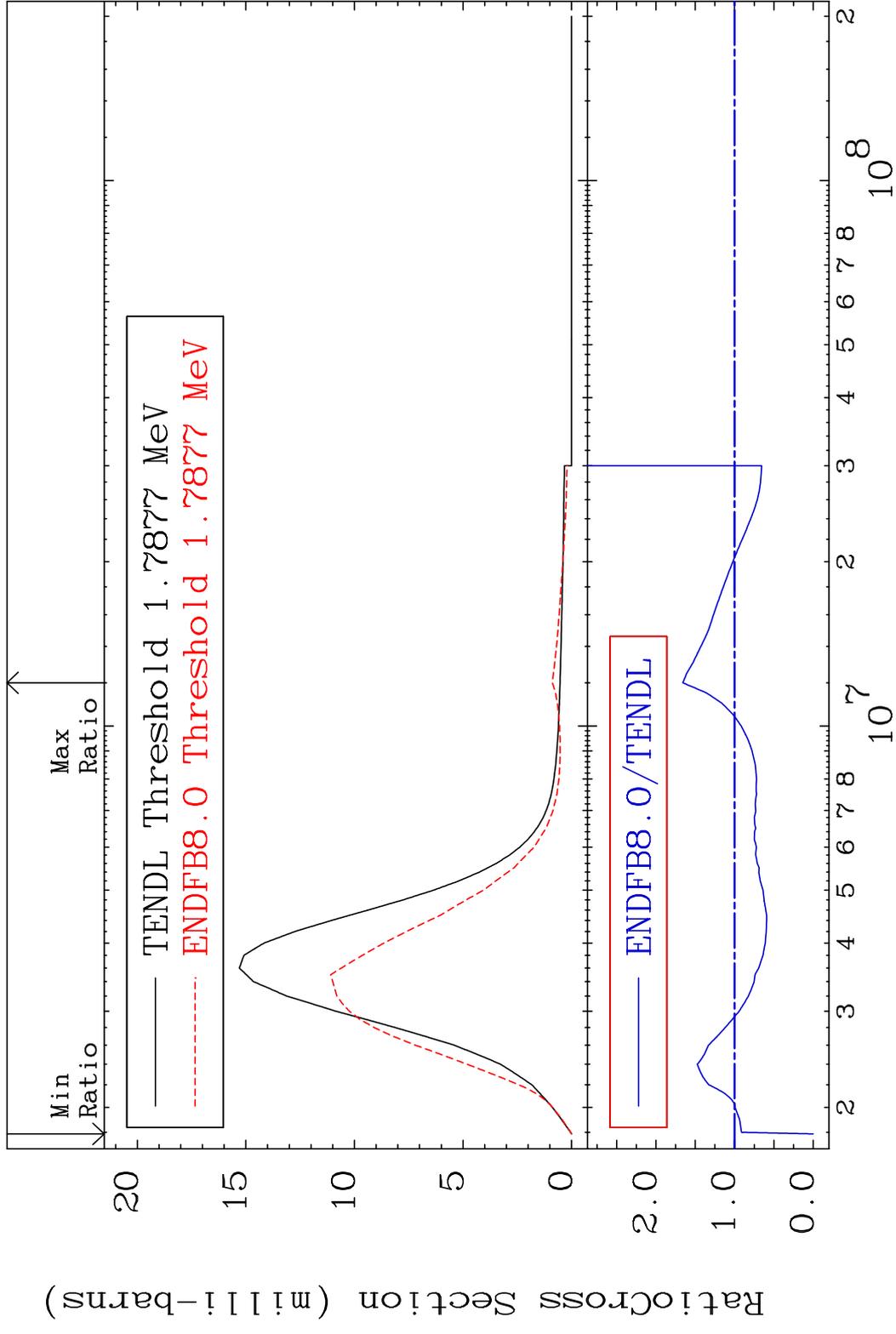


MAT 4643 MT= 59 (n,n') Level 46-Pd-108
 Cross Section -100.0 To -4.595%

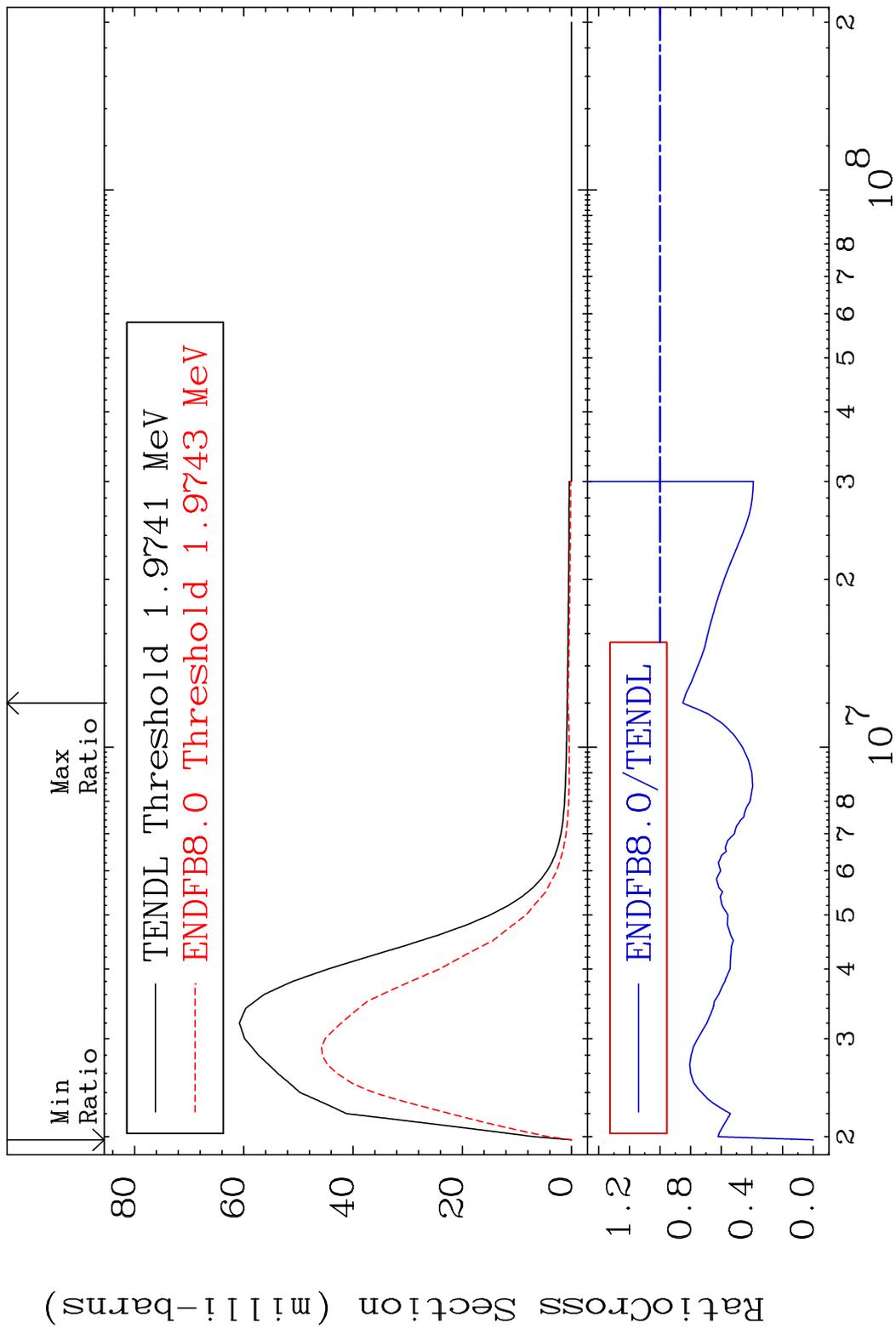


20 Incident Energy (eV) 46-Pd-108

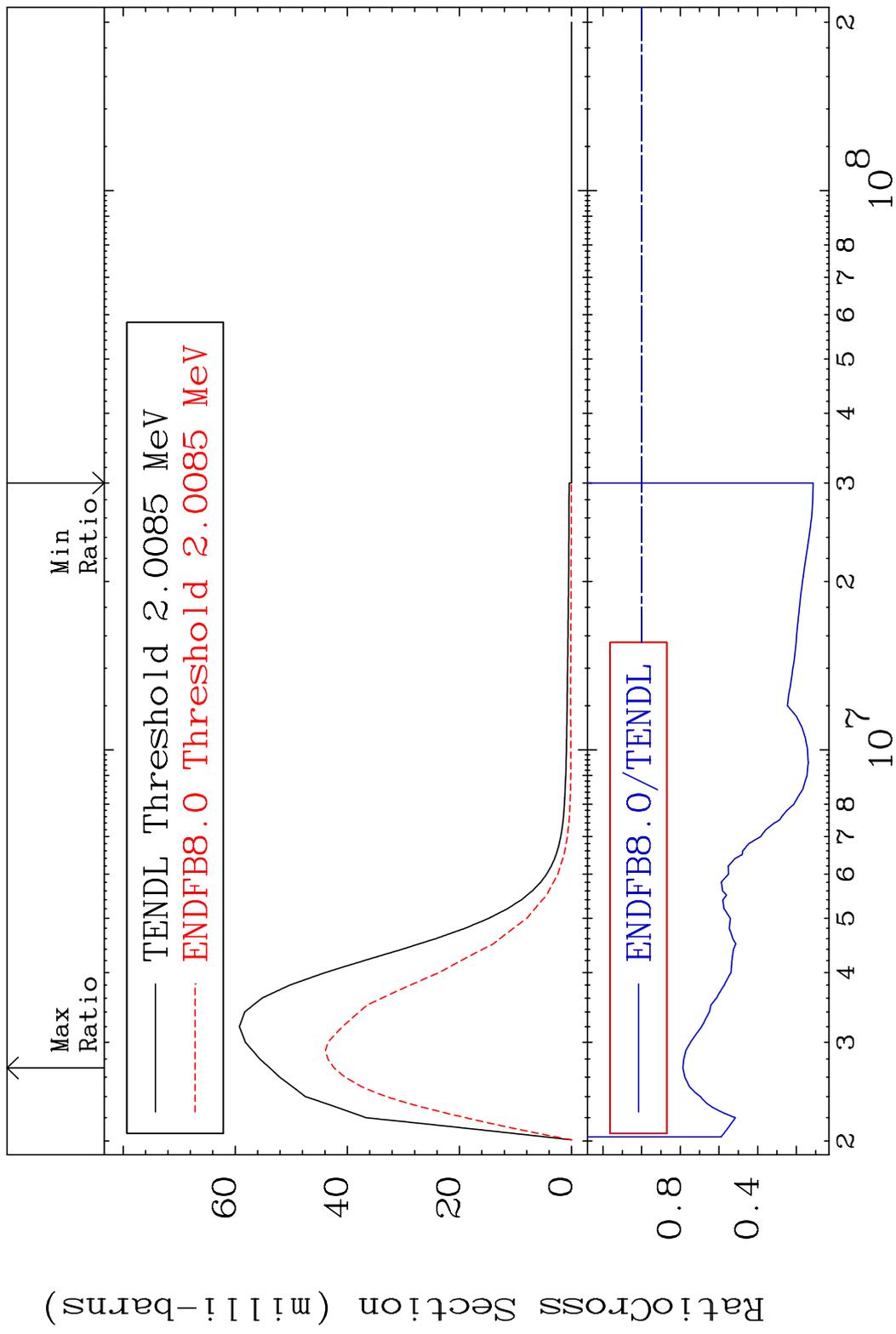
MAT 4643 MT= 60 (n, n') Level 46-Pd-108
 Cross Section -100.0 To 65.82 %



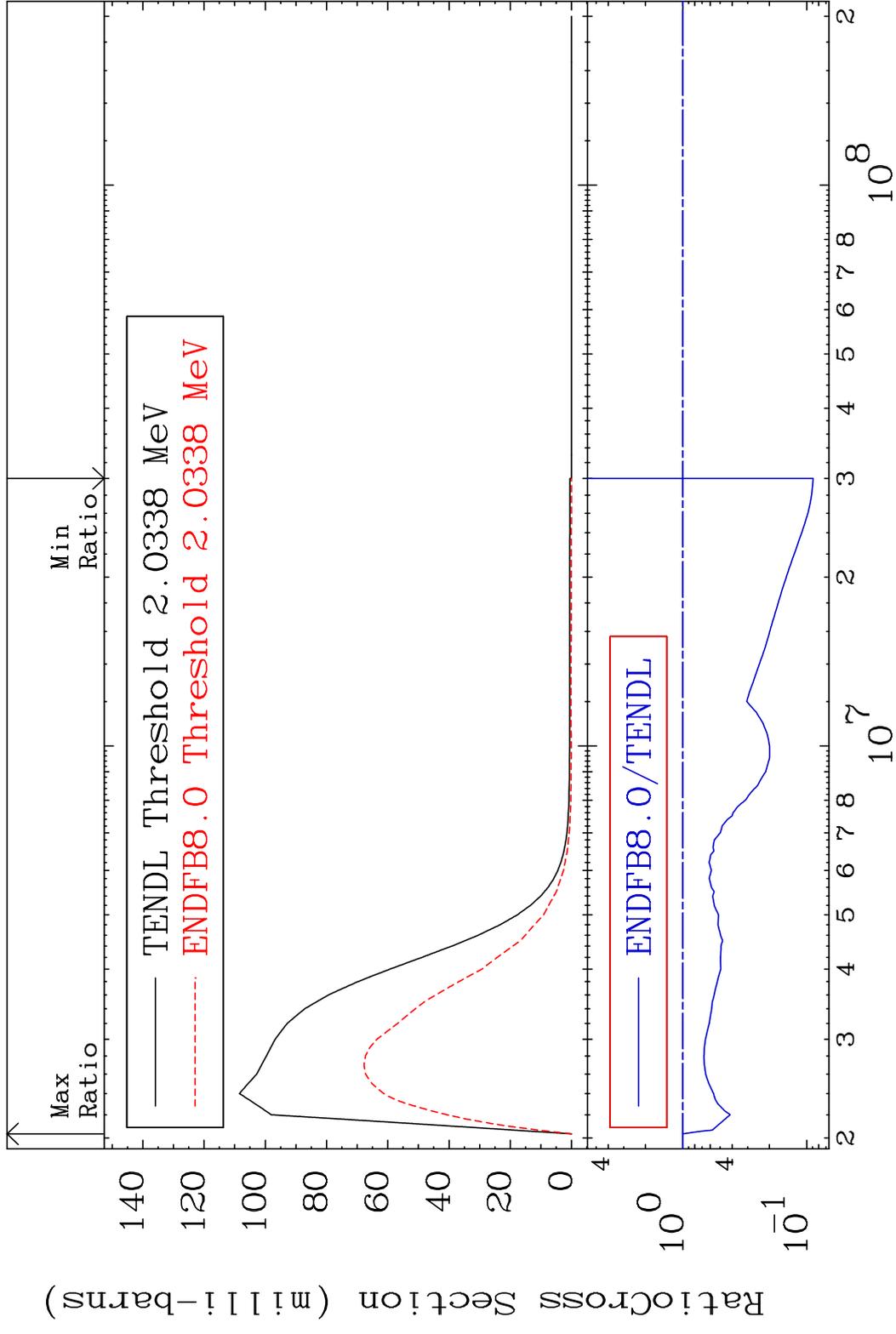
MAT 4643 MT= 61 (n, n') Level 46-Pd-108
 Cross Section -100.0 To -14.92%



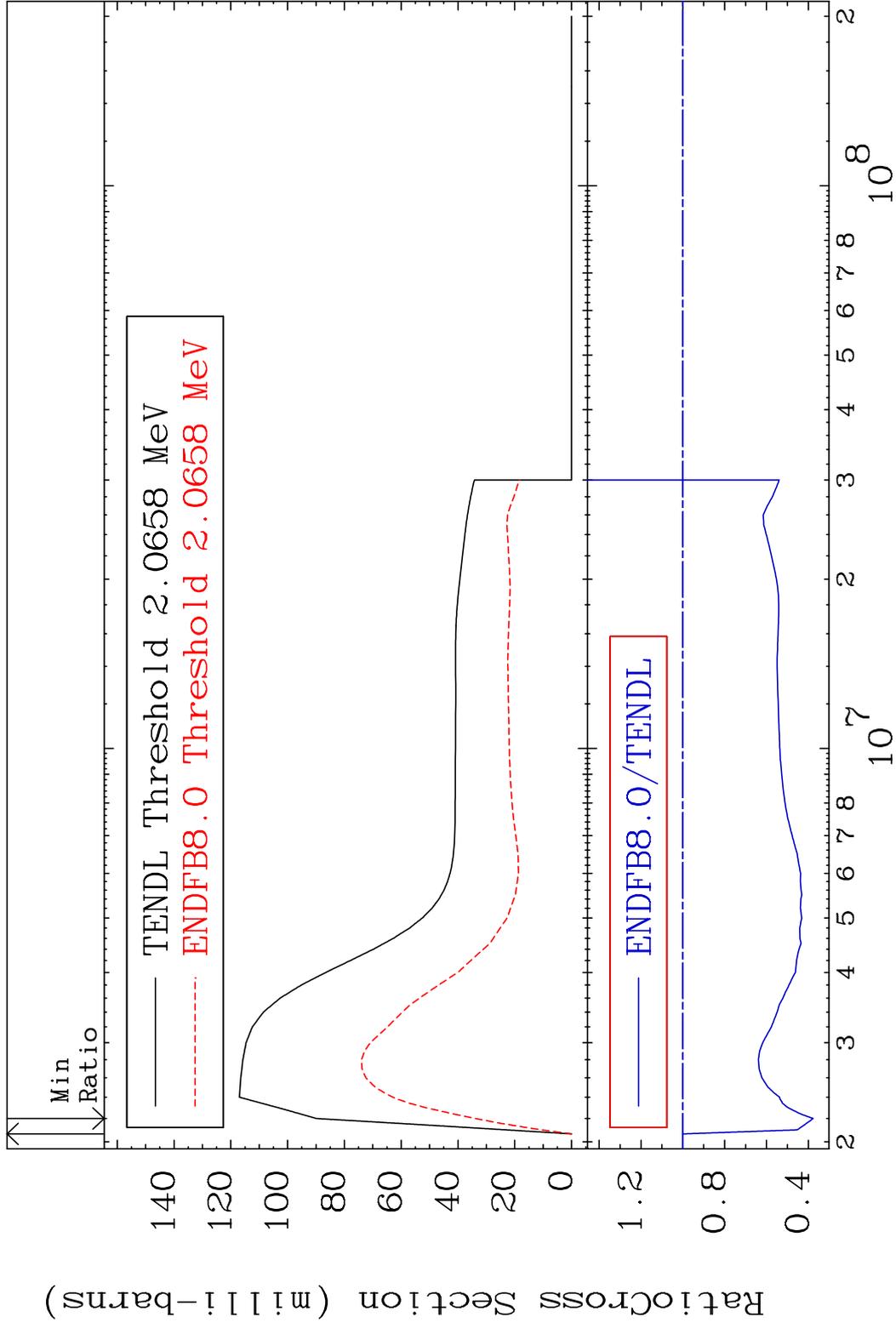
MAT 4643 MT= 62 (n, n') Level 46-Pd-108
 Cross Section -88.71 To -21.32%



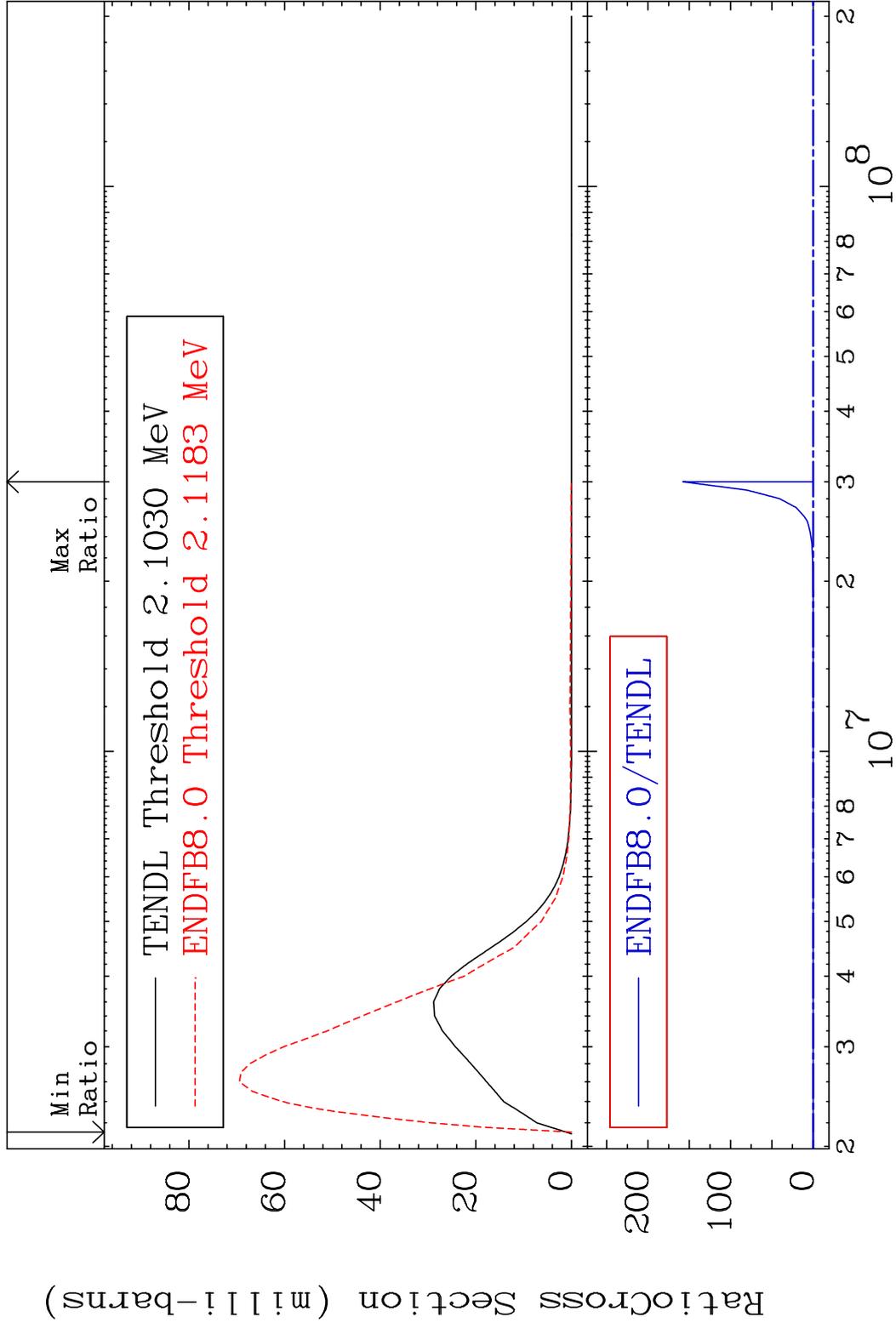
MAT 4643 MT= 63 (n, n') Level 46-Pd-108
 Cross Section -91.12 To 0.000 %



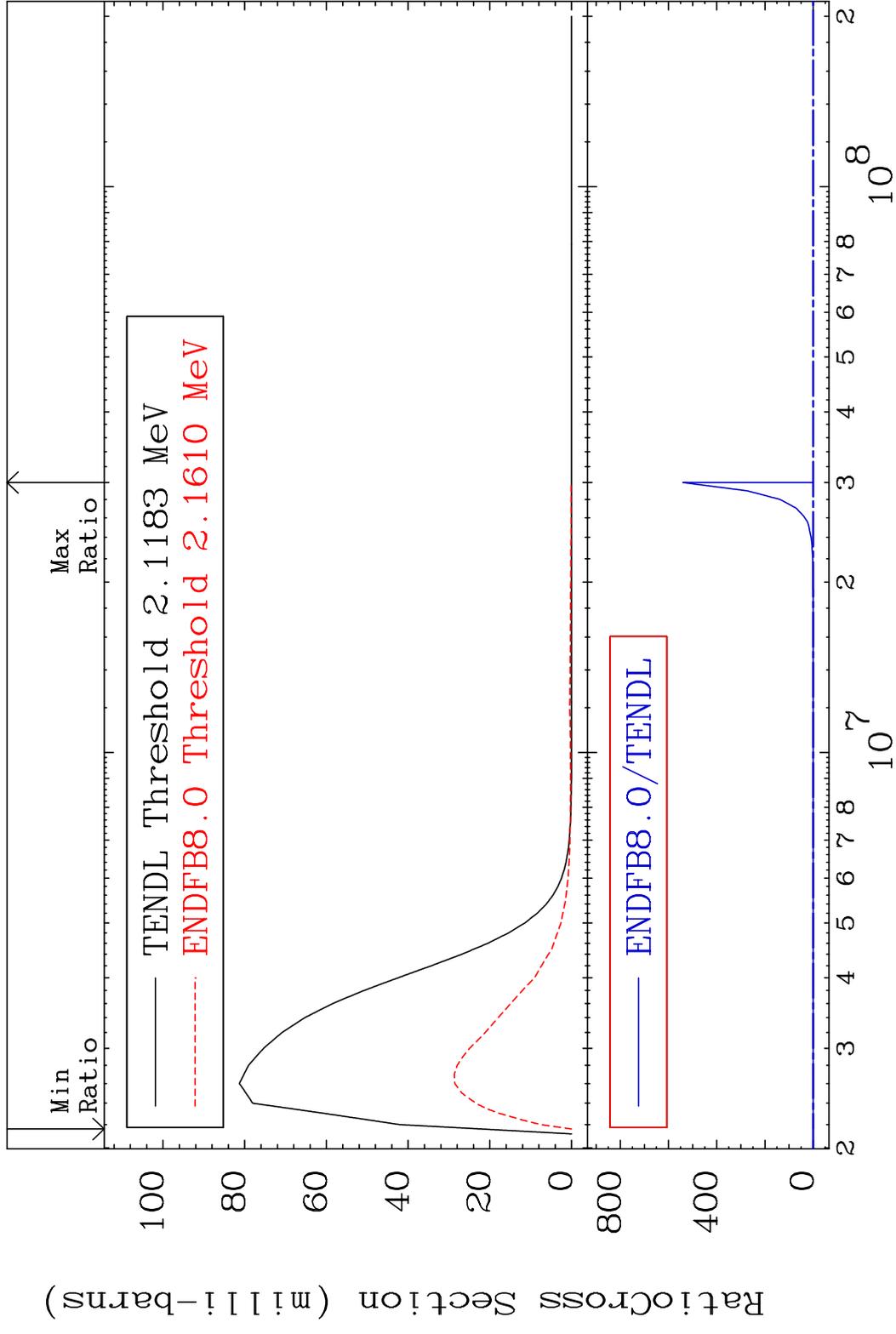
MAT 4643 MT= 64 (n,n') Level 46-Pd-108
 Cross Section -62.31 To 0.000 %



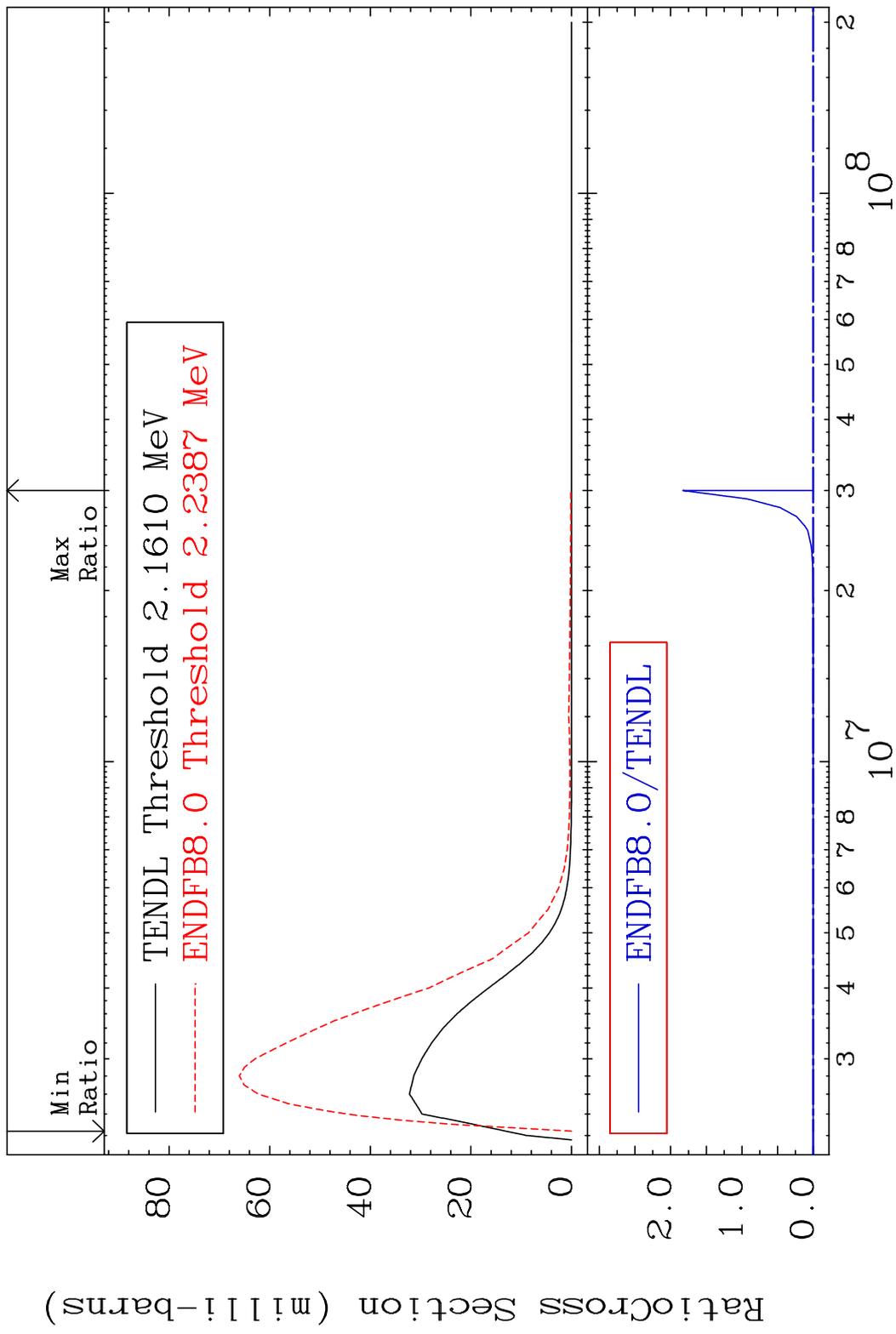
MAT 4643 MT= 65 (n, n') Level 46-Pd-108
 Cross Section -100.0 To 9999. %



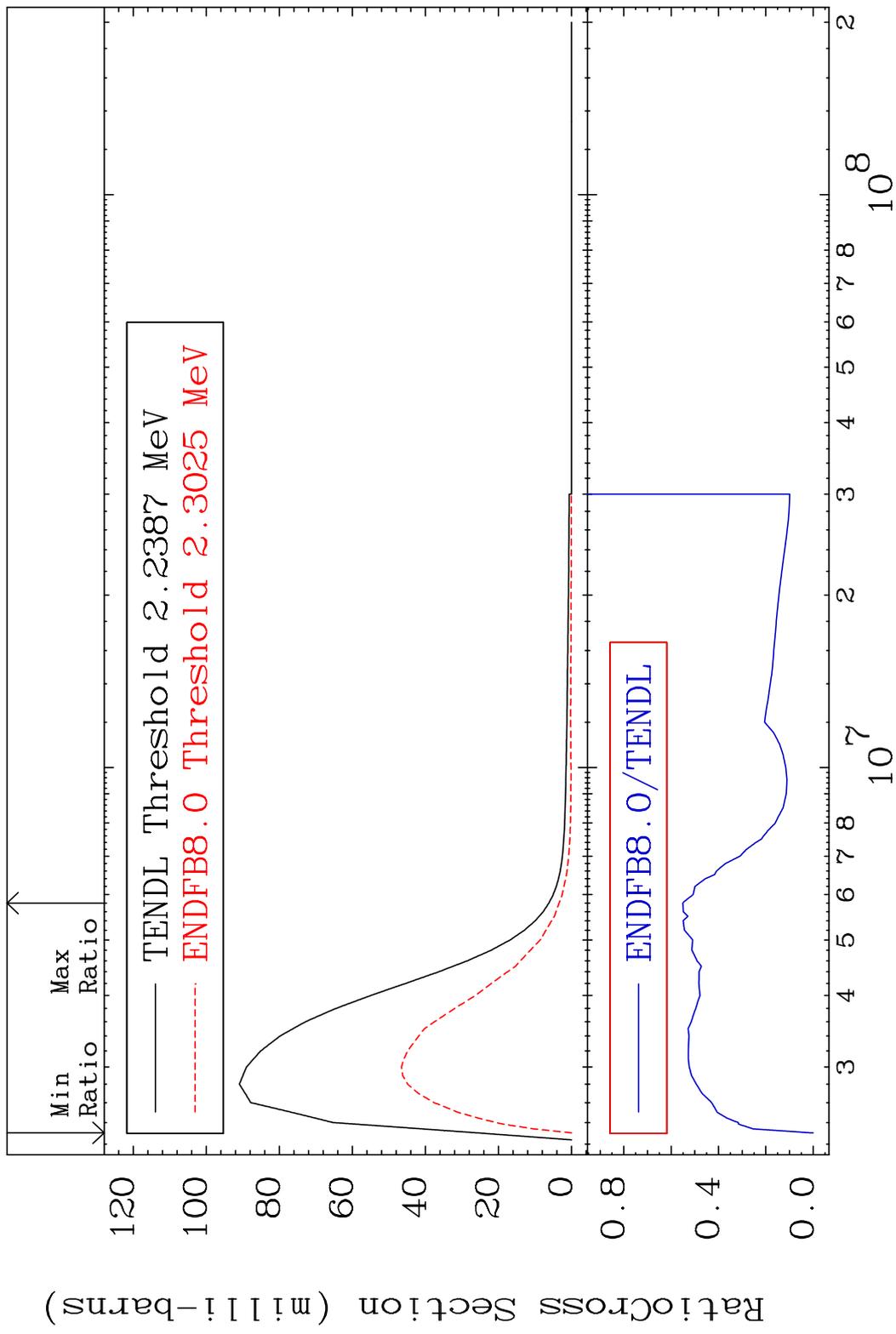
MAT 4643 MT= 66 (n, n') Level 46-Pd-108
 Cross Section -100.0 To 9999. %



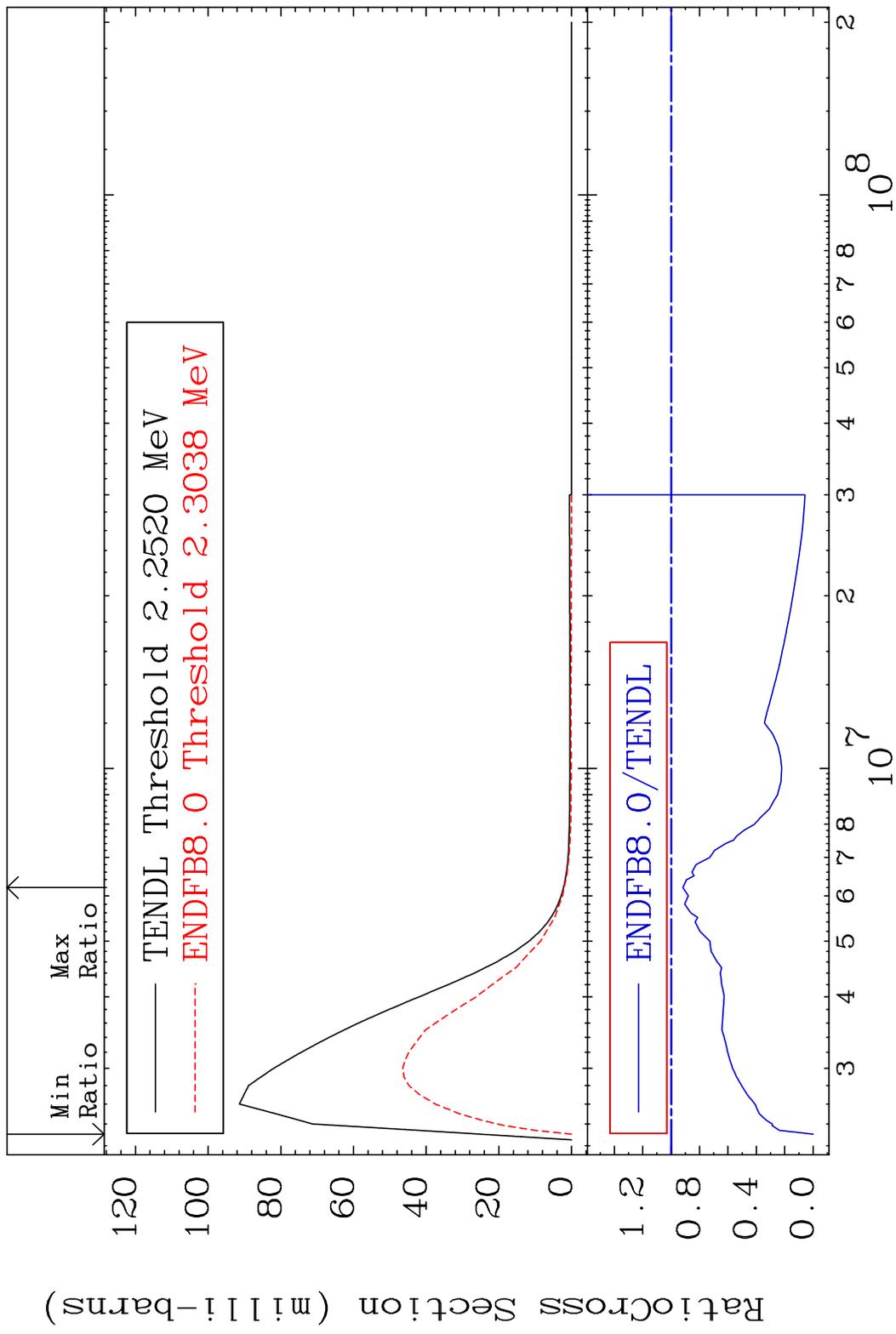
MAT 4643 MT= 67 (n, n') Level 46-Pd-108
 Cross Section -100.0 To 9999. %



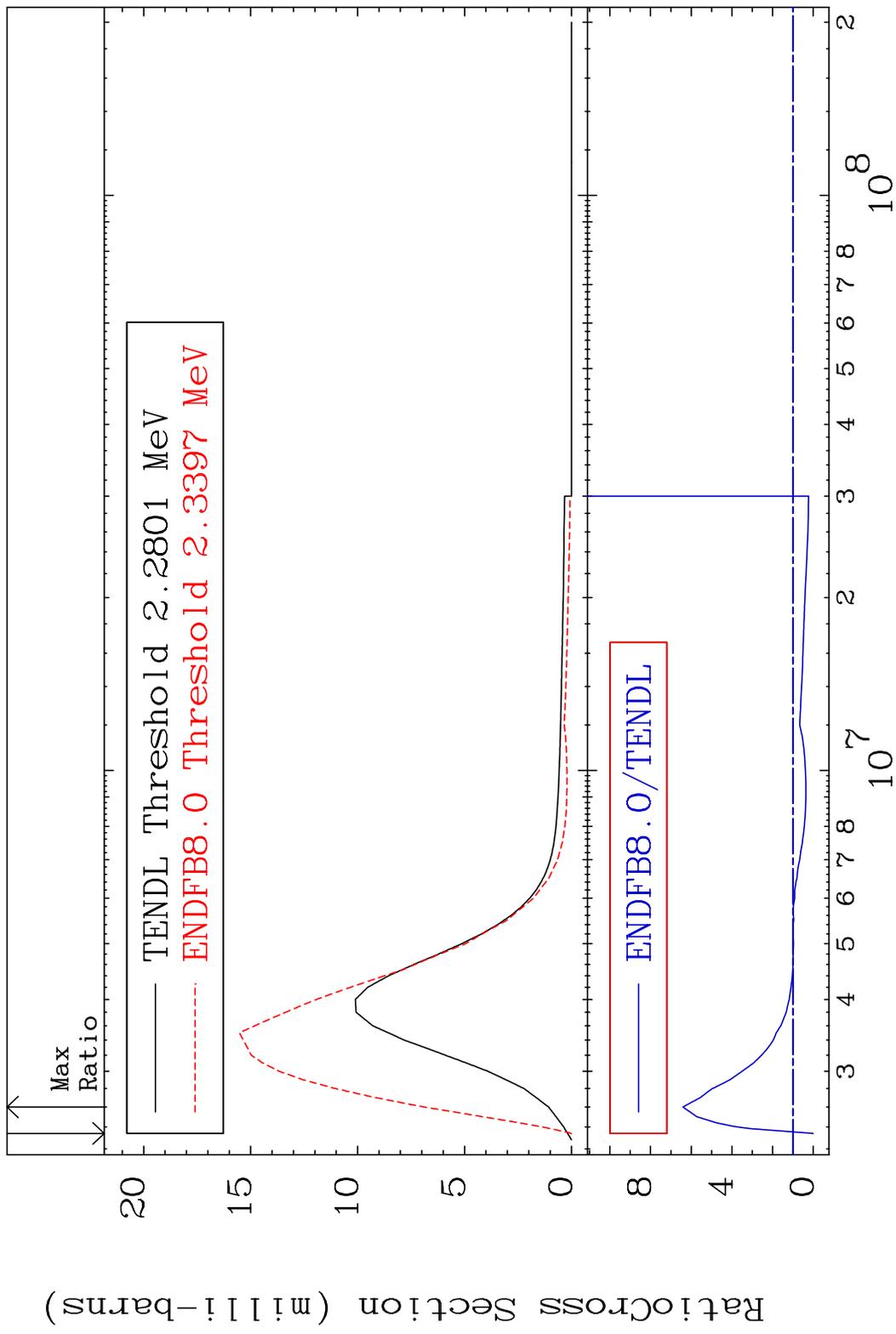
MAT 4643 MT= 68 (n, n') Level 46-Pd-108
 Cross Section -100.0 To -44.94%



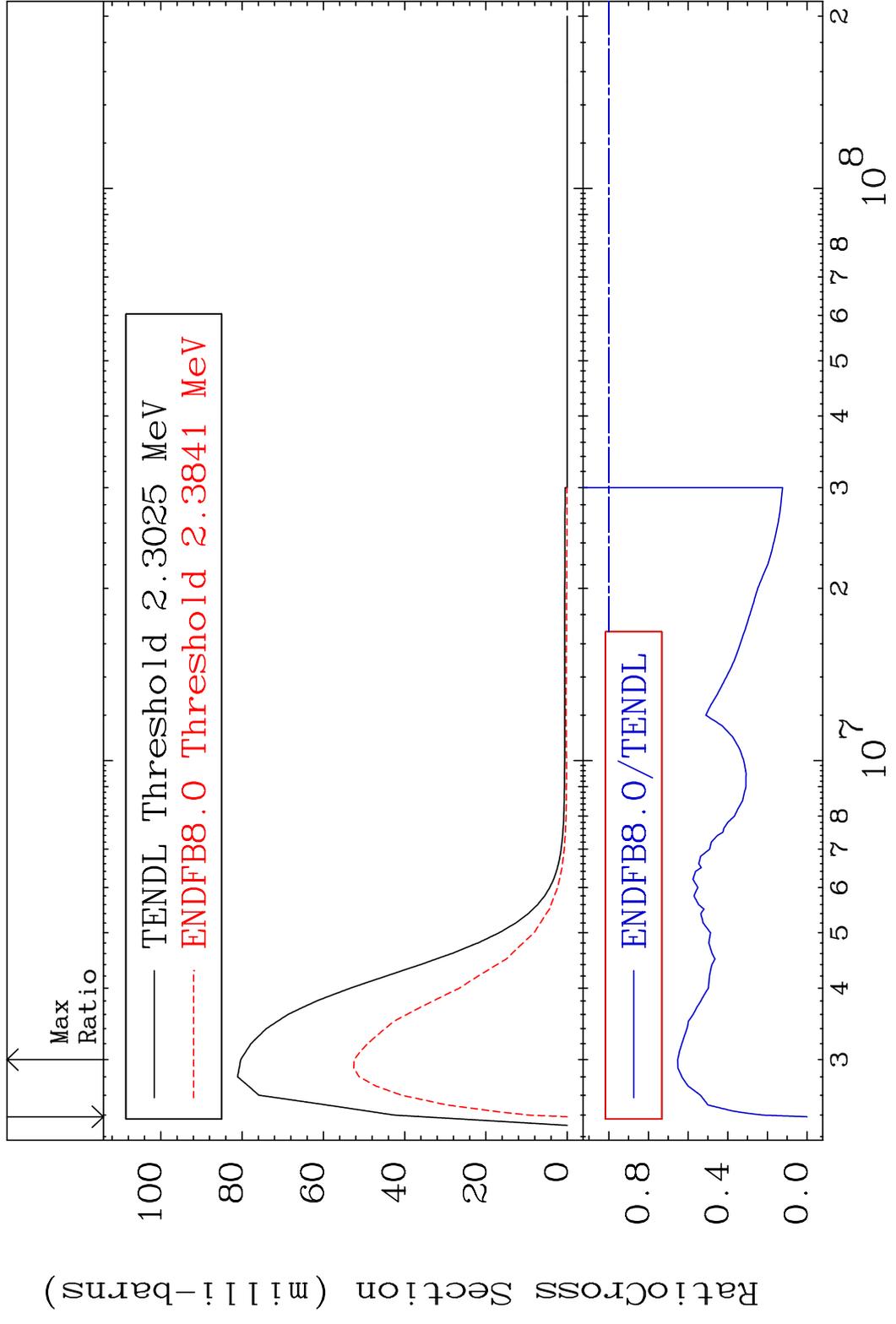
MAT 4643 MT= 69 (n,n') Level 46-Pd-108
 Cross Section -100.0 To -8.237%



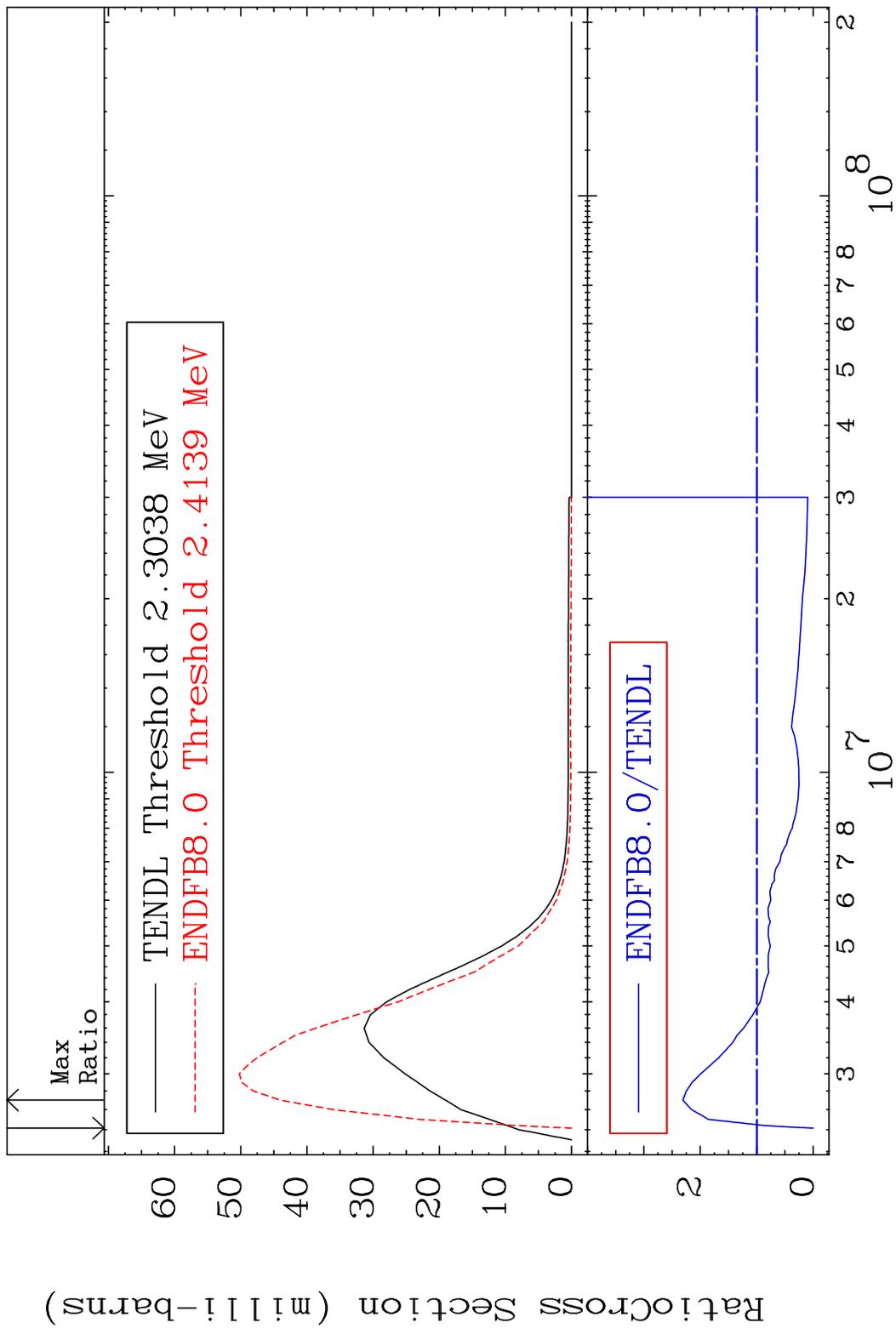
MAT 4643 MT= 70 (n,n') Level 46-Pd-108
 Cross Section -100.0 To 541.2 %



MAT 4643 MT= 71 (n,n') Level 46-Pd-108
 Cross Section -100.0 To -34.76%



MAT 4643 MT= 72 (n, n') Level 46-Pd-108
 Cross Section -100.0 To 131.0 %

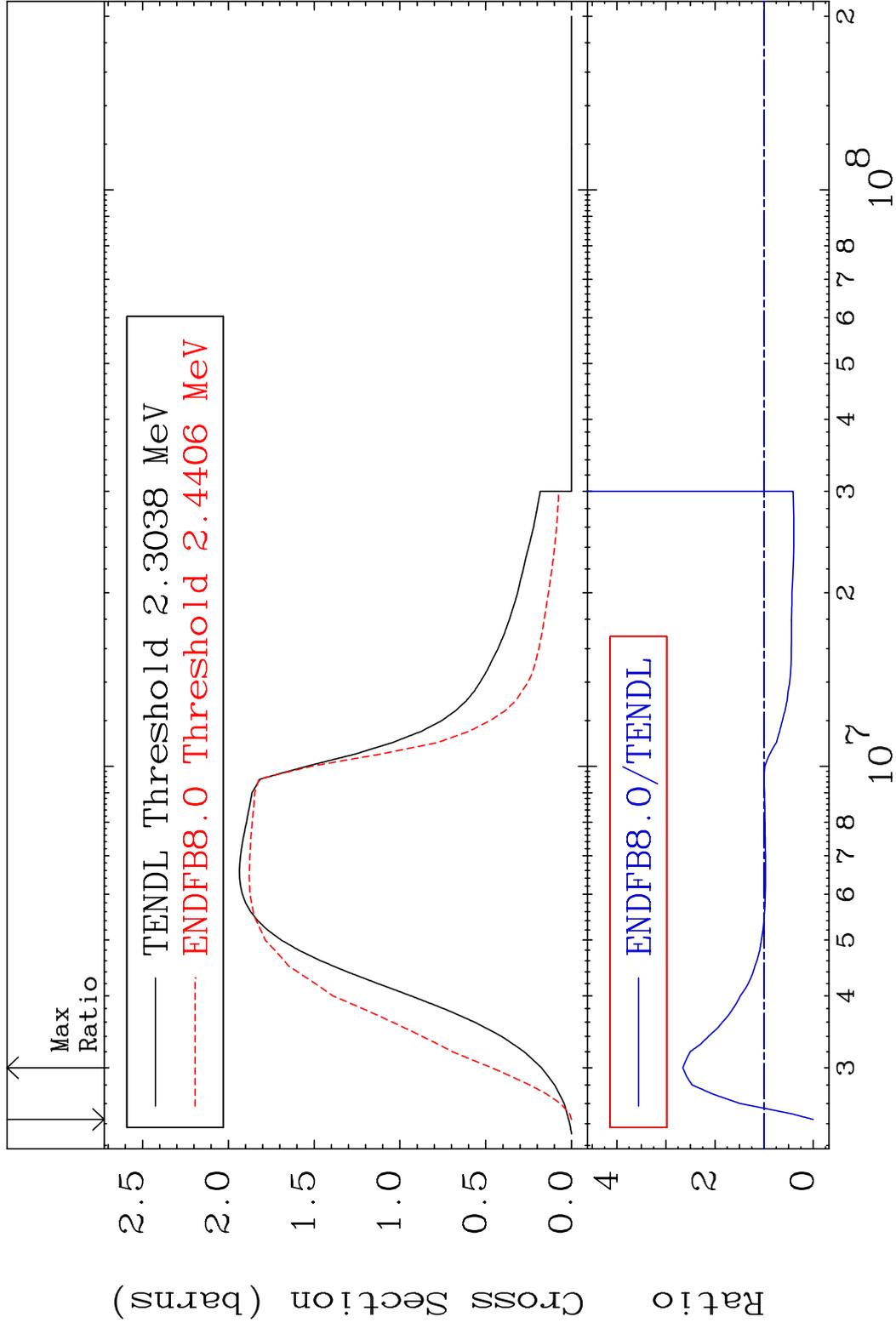


MAT 4643

(n,n') Continuum

46-Pd-108

Cross Section -100.0 To 165.5 %

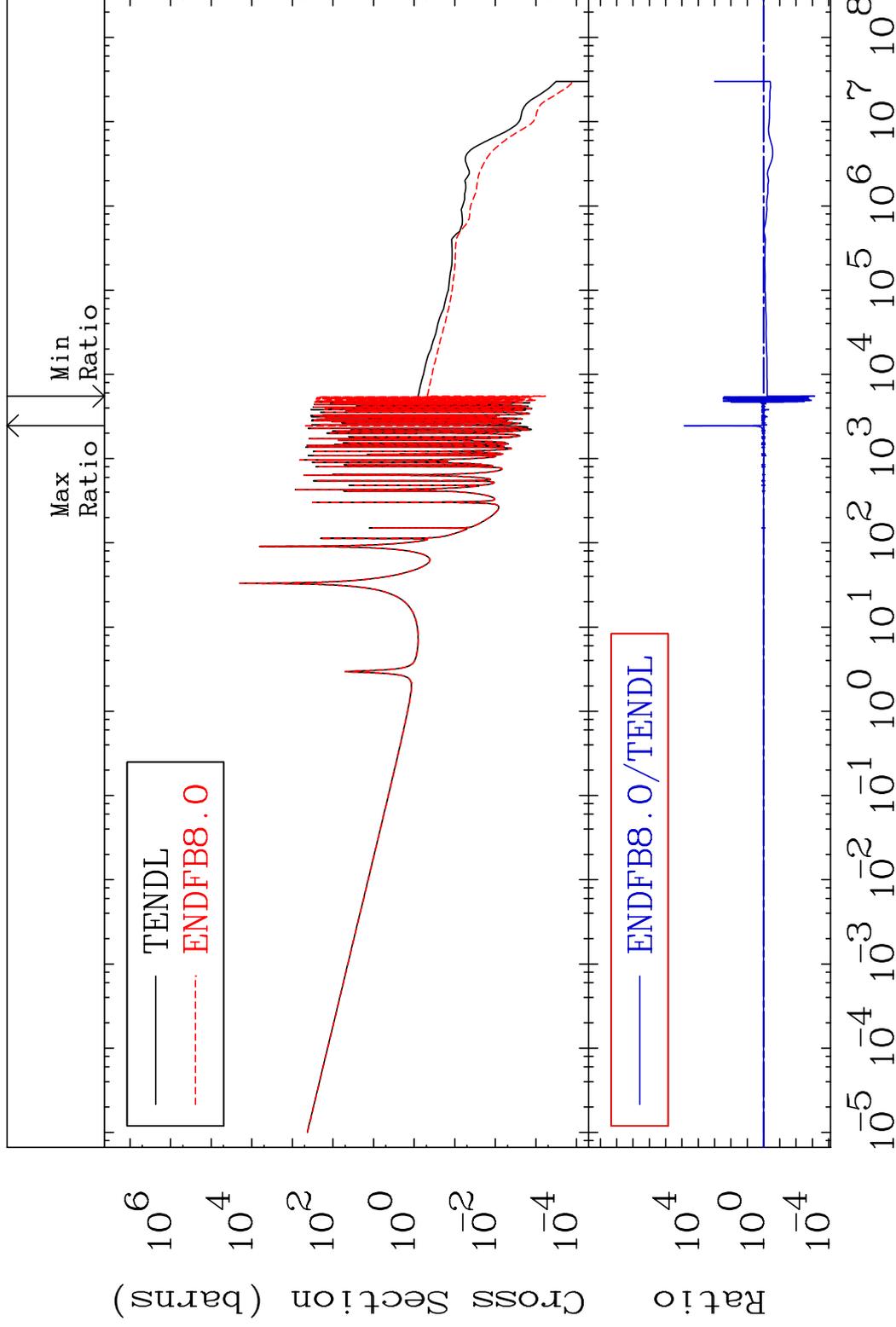


MAT 4643

(n, γ)

46-Pd-108

Cross Section -99.93 To 9999. %



35

Incident Energy (eV)

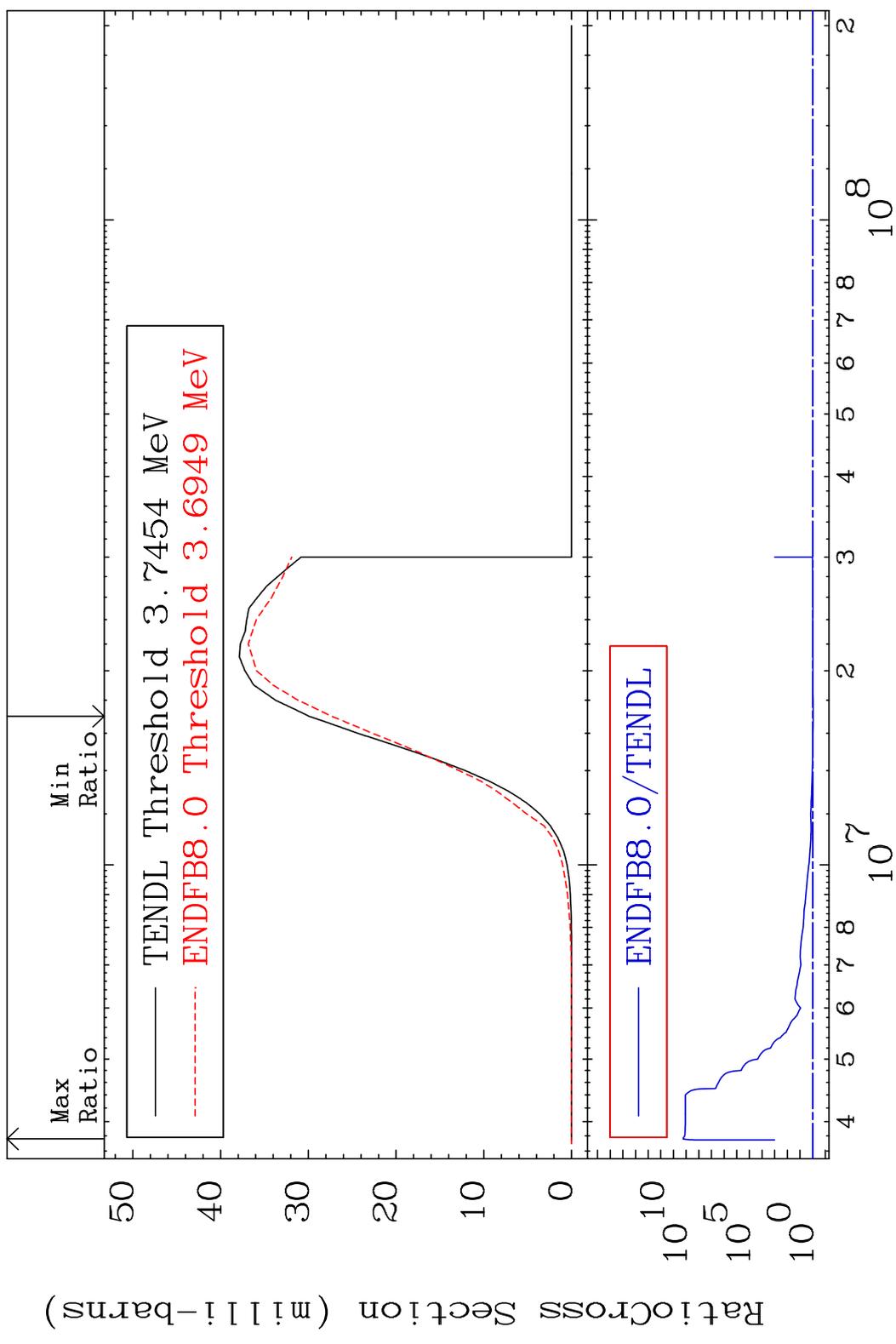
46-Pd-108

MAT 4643

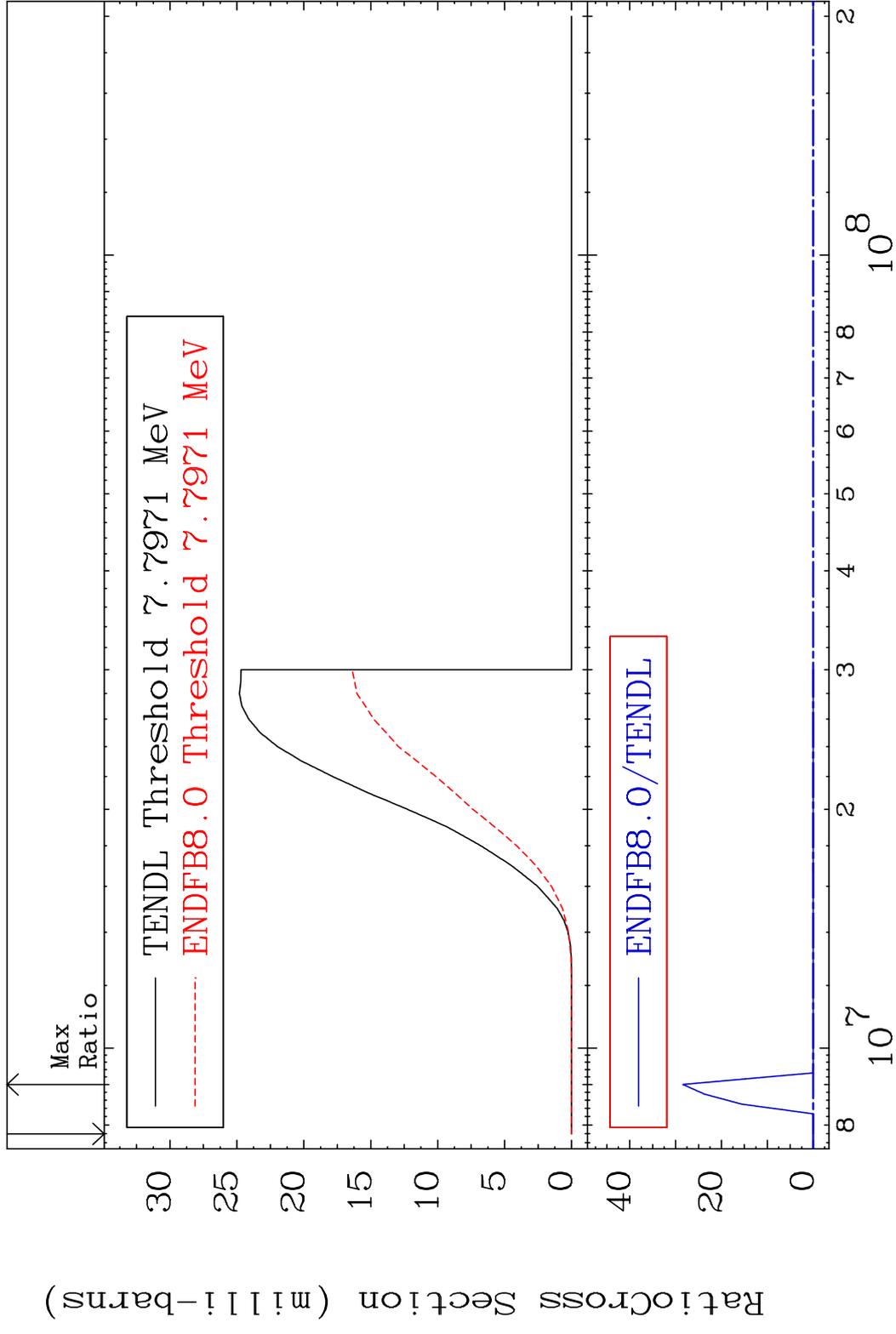
(n,p)

46-Pd-108

Cross Section -8.552 To 9999. %



MAT 4643 (n,d) 46-Pd-108
 Cross Section -100.0 To 9999. %

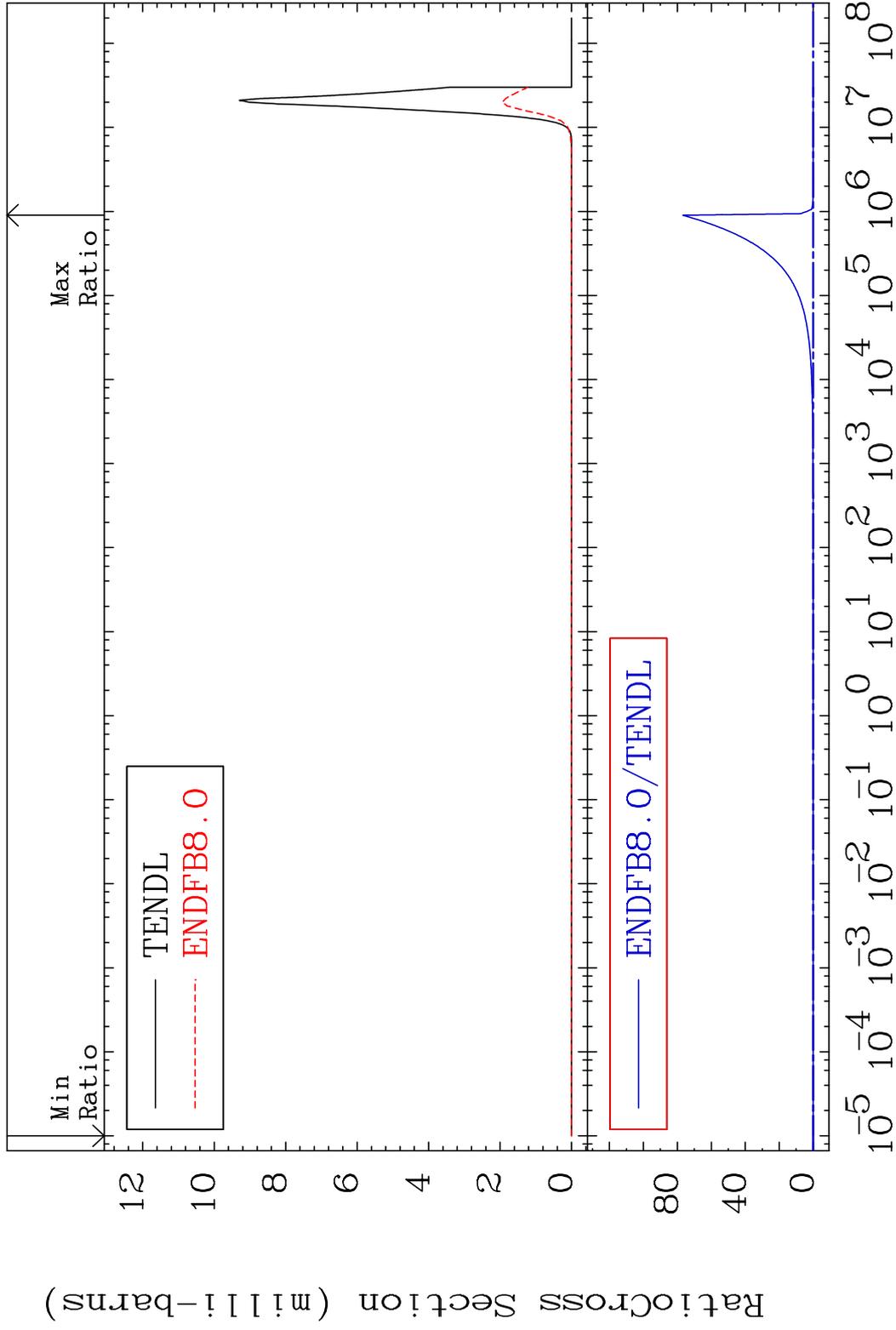


MAT 4643

(n, α)

46-Pd-108

Cross Section -100.0 To 9999. %



38

Incident Energy (eV)

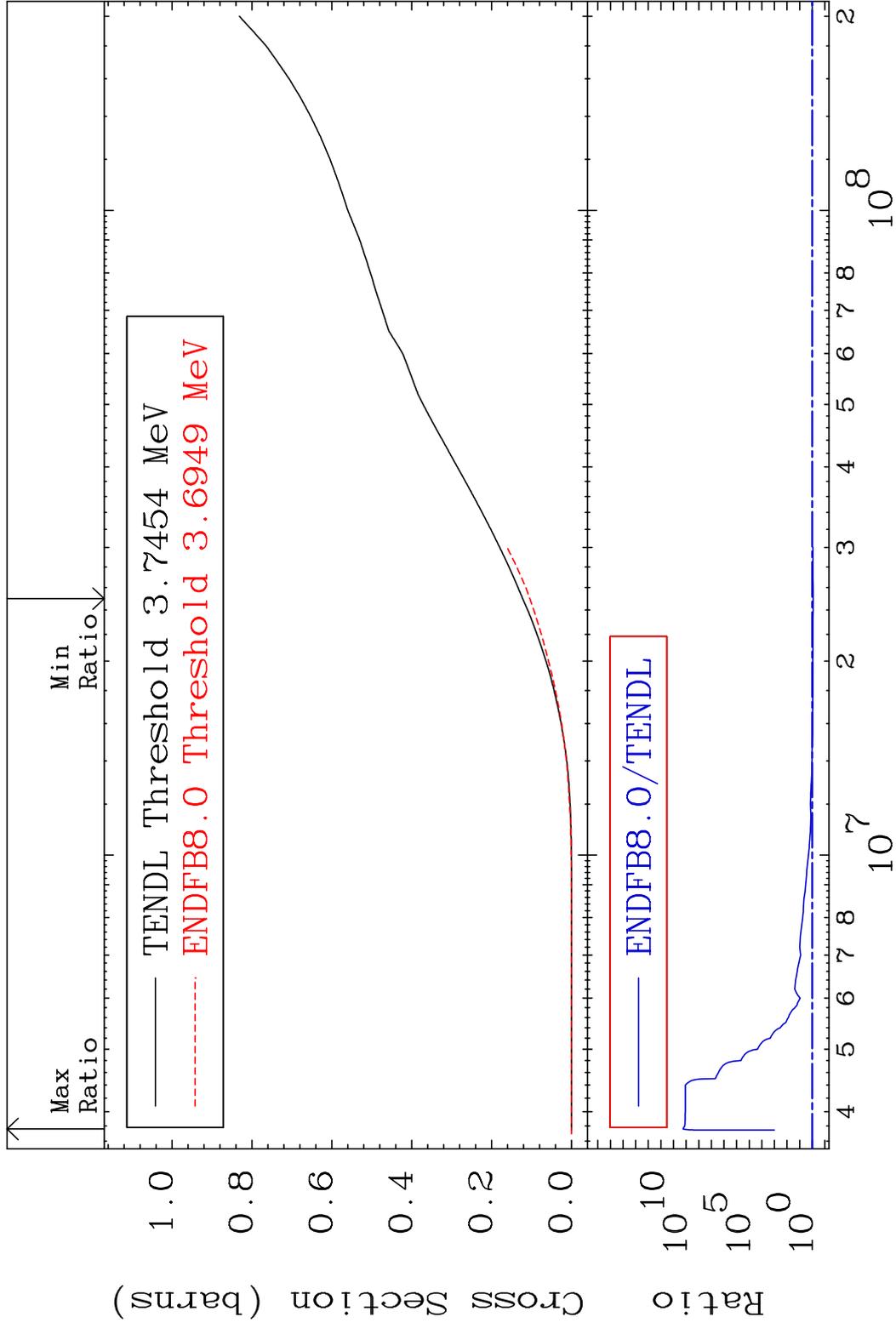
46-Pd-108

MAT 4643

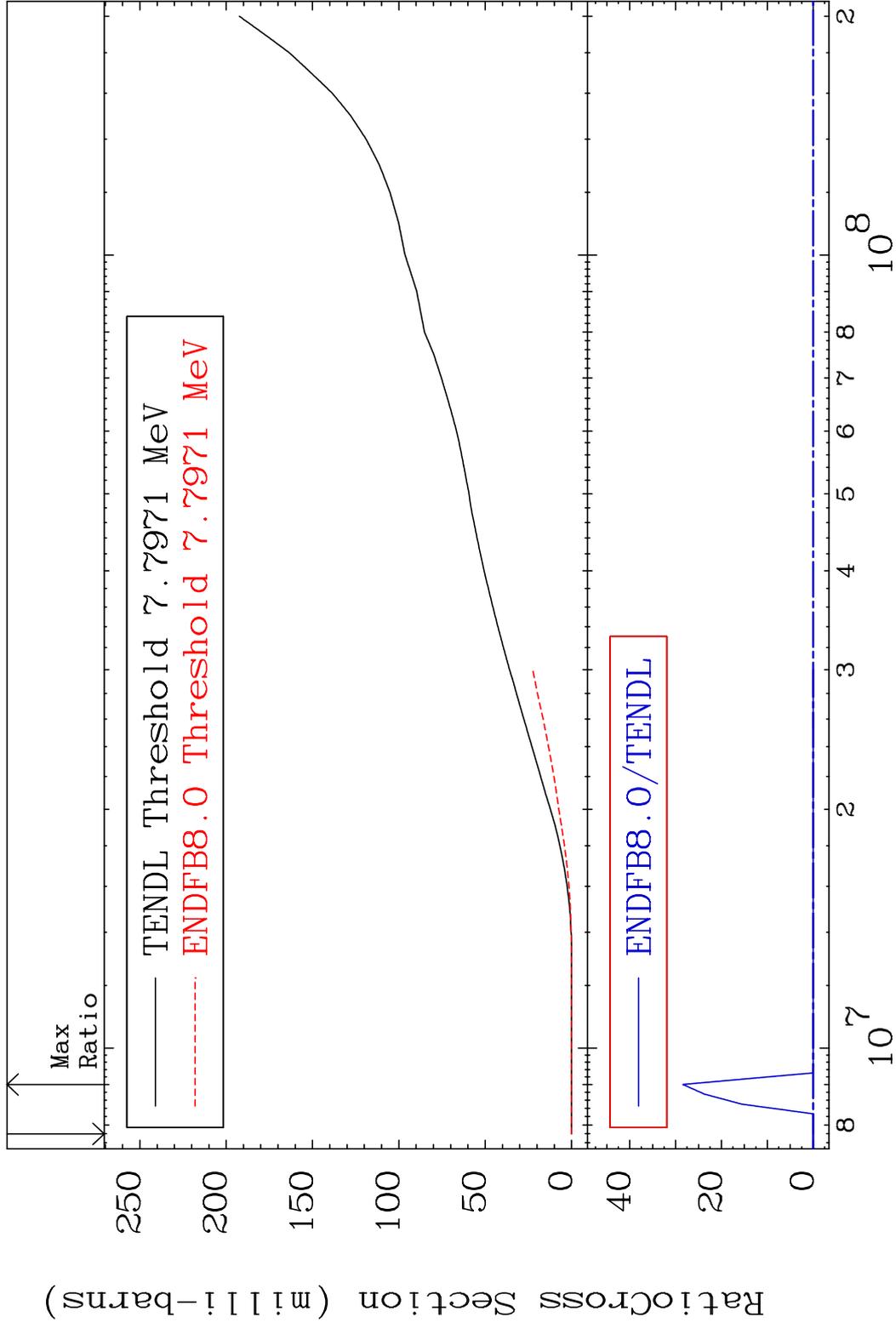
Hydrogen Production

46-Pd-108

Cross Section -14.71 To 9999. %

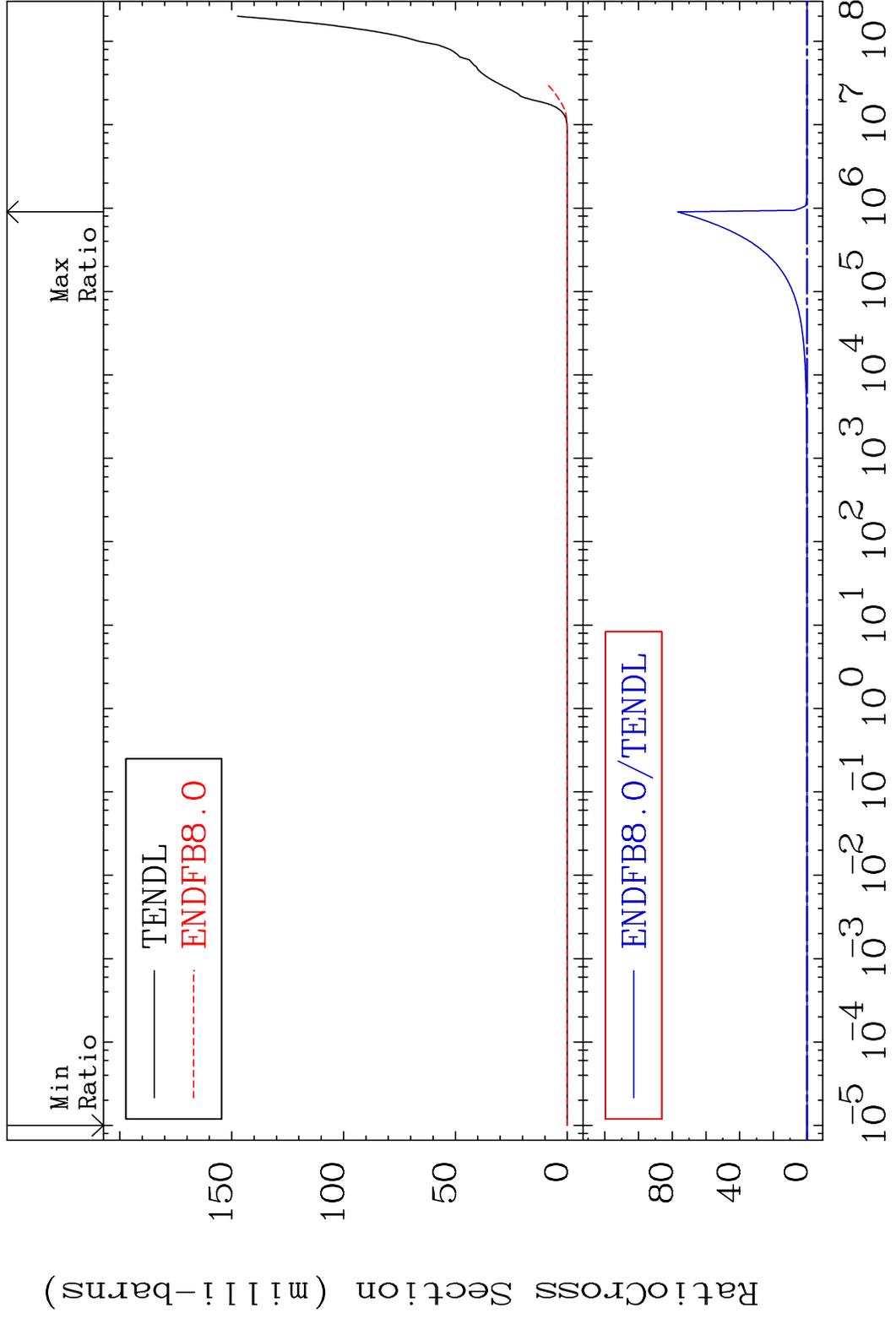


MAT 4643 Deuterium Production 46-Pd-108
 Cross Section -100.0 To 9999. %

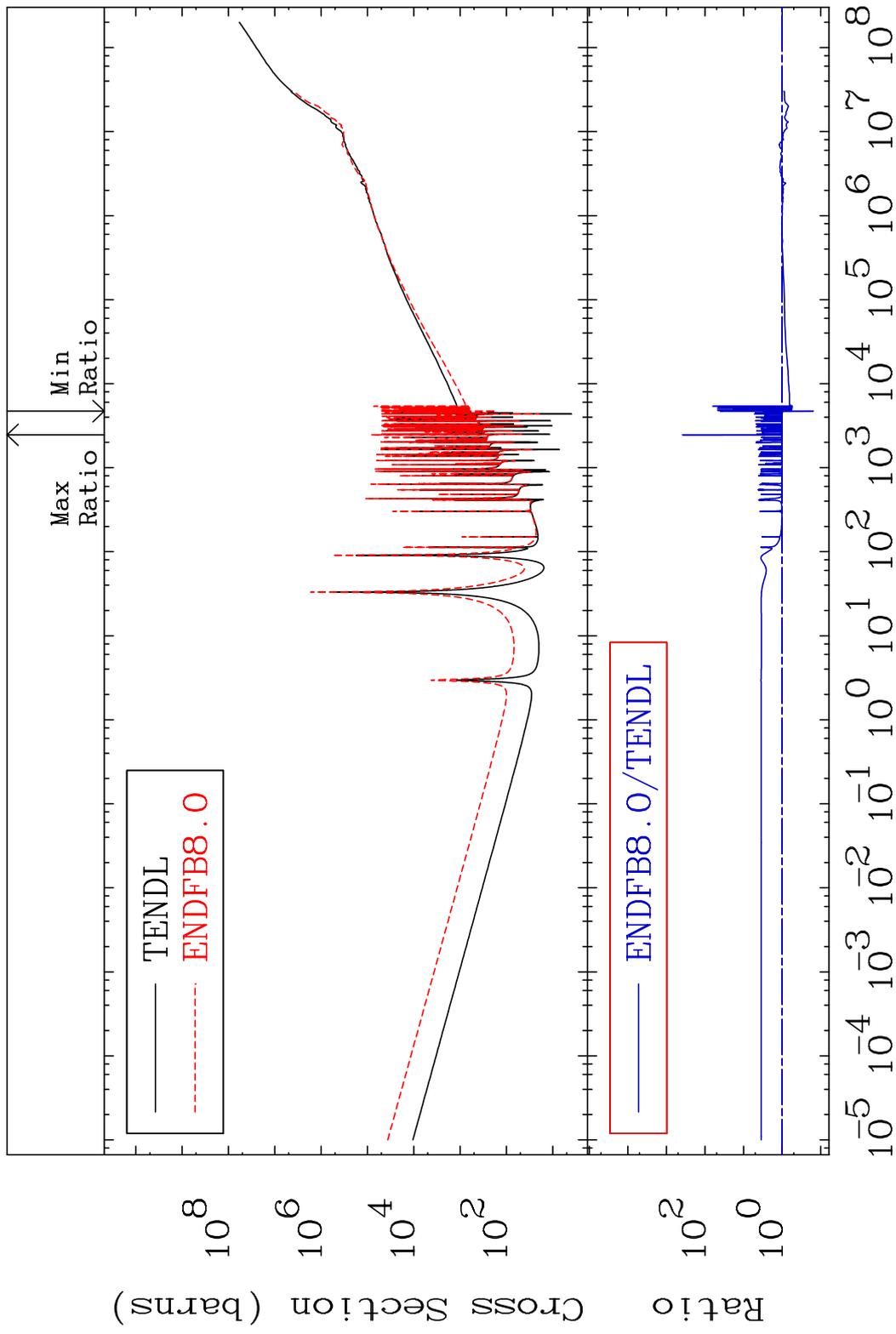


40 Incident Energy (eV) 46-Pd-108

MAT 4643 He-4 Production 46-Pd-108
 Cross Section -100.0 To 9999. %



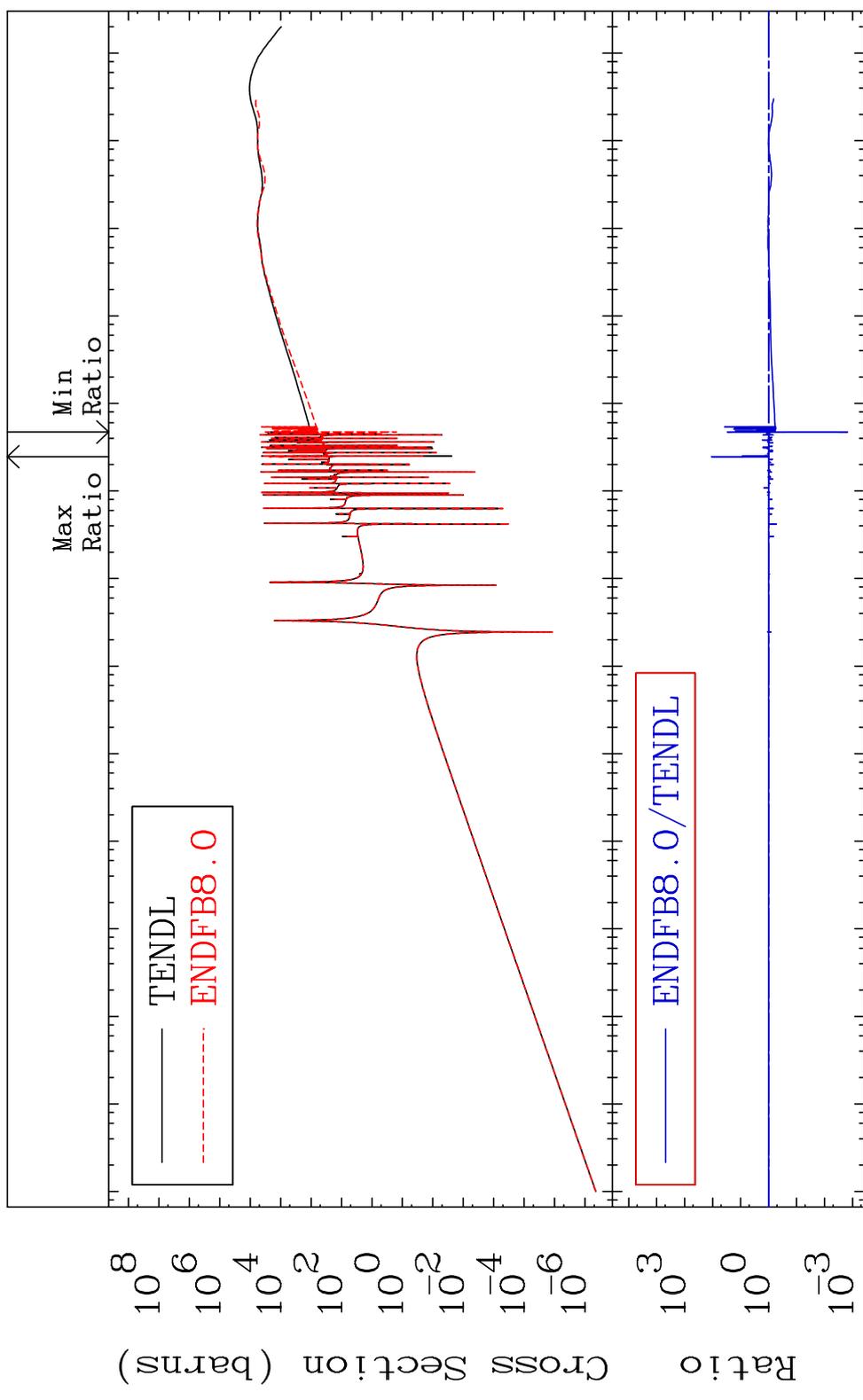
MAT 4643 Kerma total (eV-barns) 46-Pd-108
 Cross Section -84.26 To 9999. %



42 Incident Energy (eV) 46-Pd-108

MAT 4643

Kerma elastic Cross Section -99.85 To 9999. %
46-Pd-108

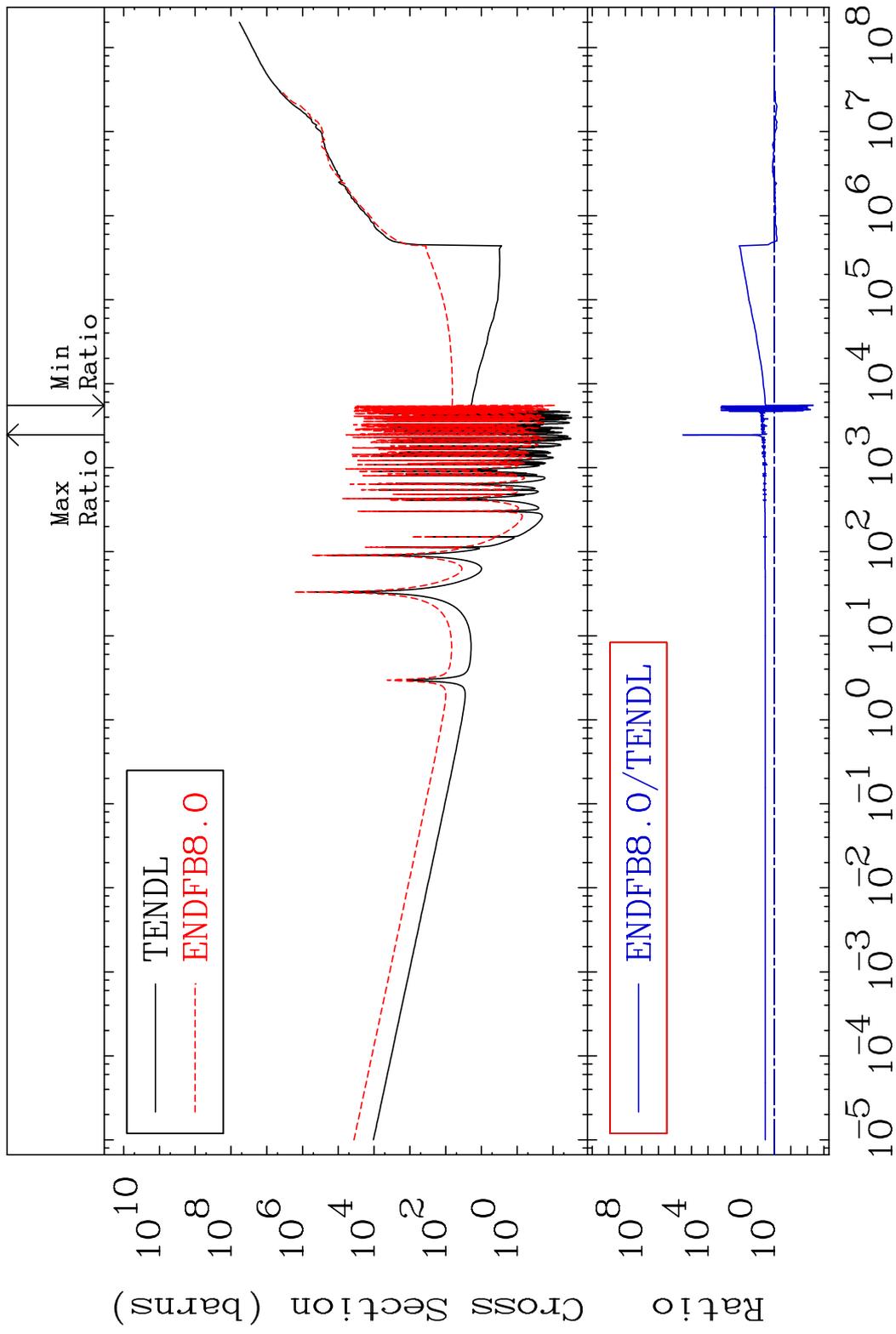


43

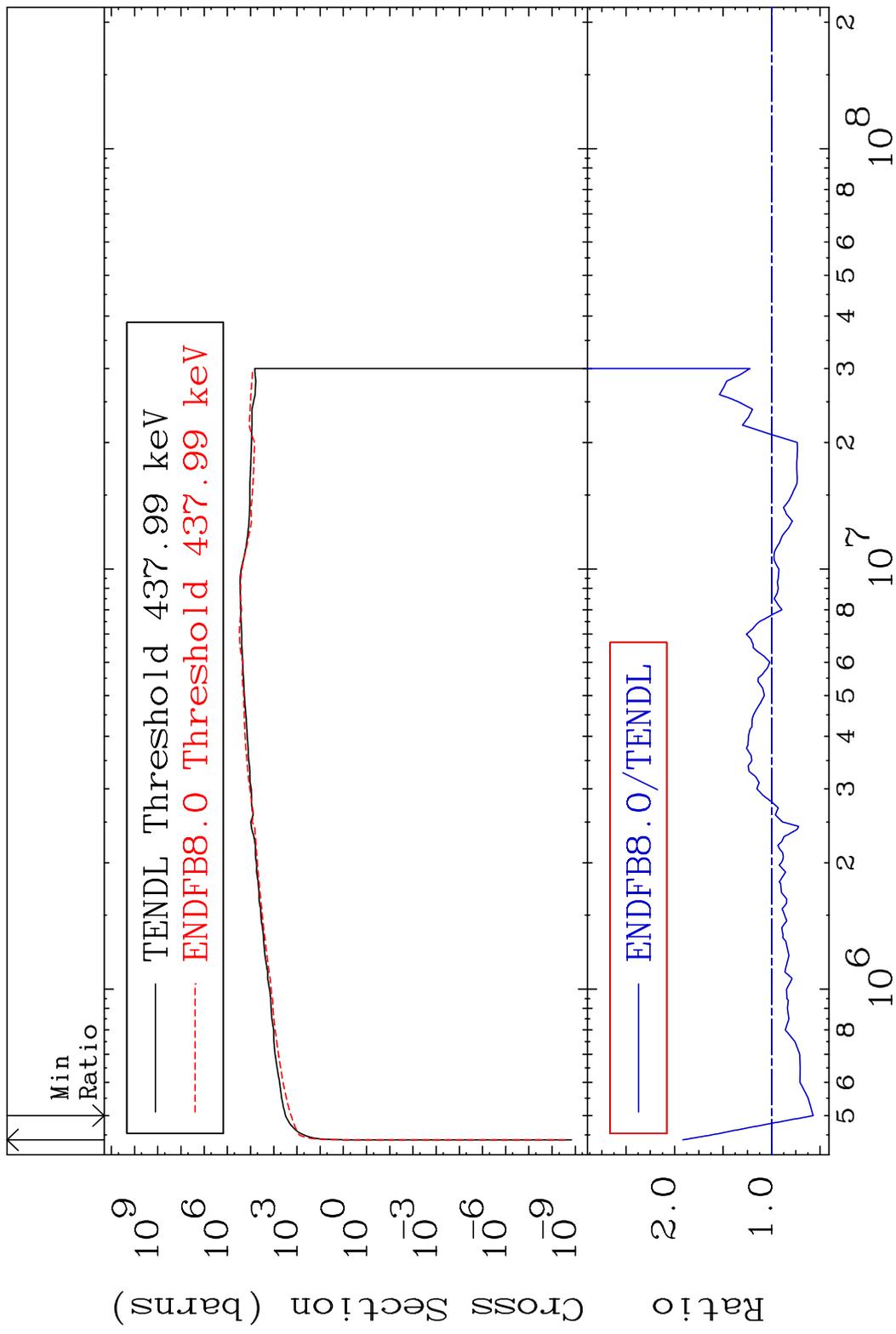
Incident Energy (eV)

46-Pd-108

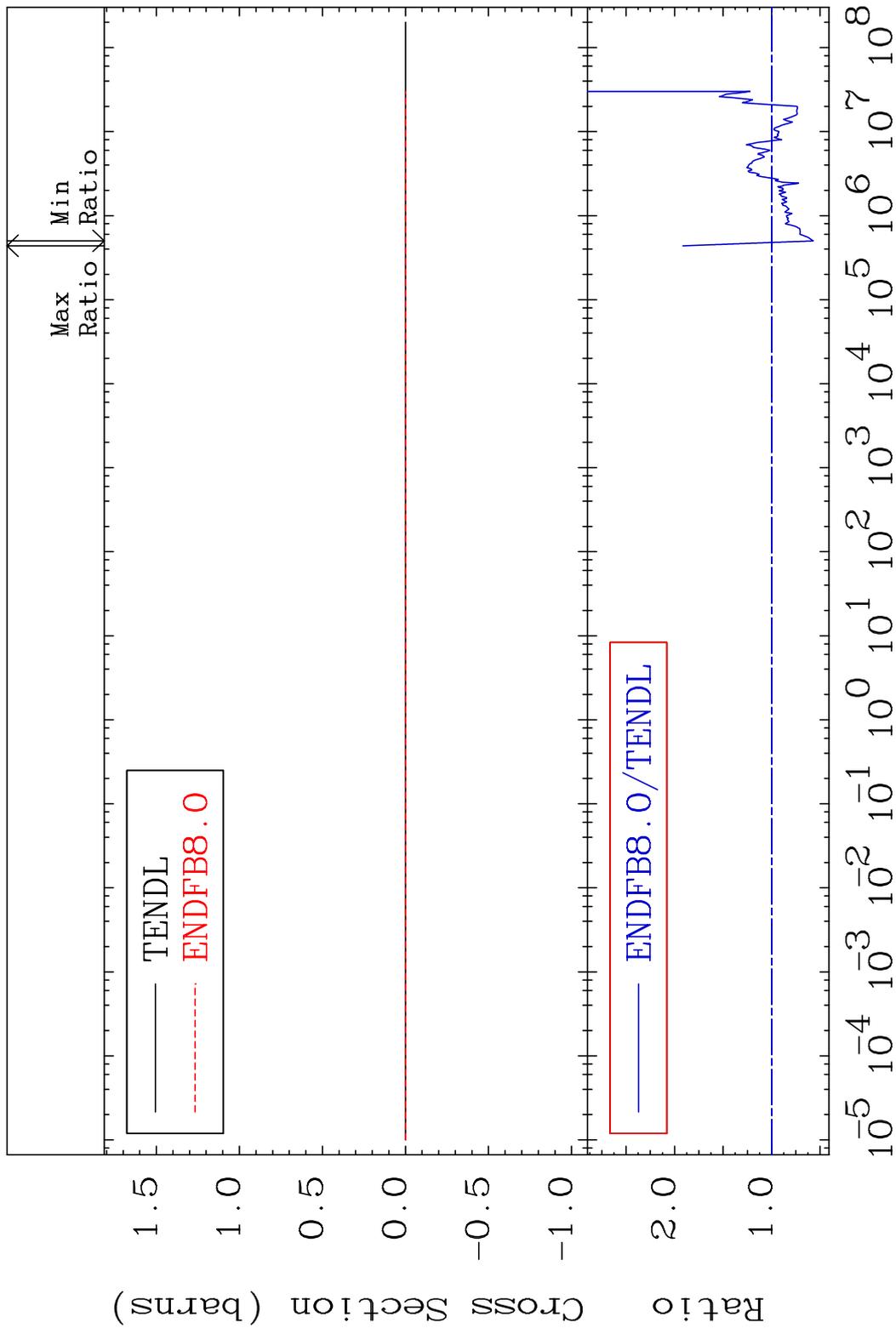
MAT 4643 Kerma non-elastic (all but mt2) 46-Pd-108
 Cross Section -99.55 To 9999. %



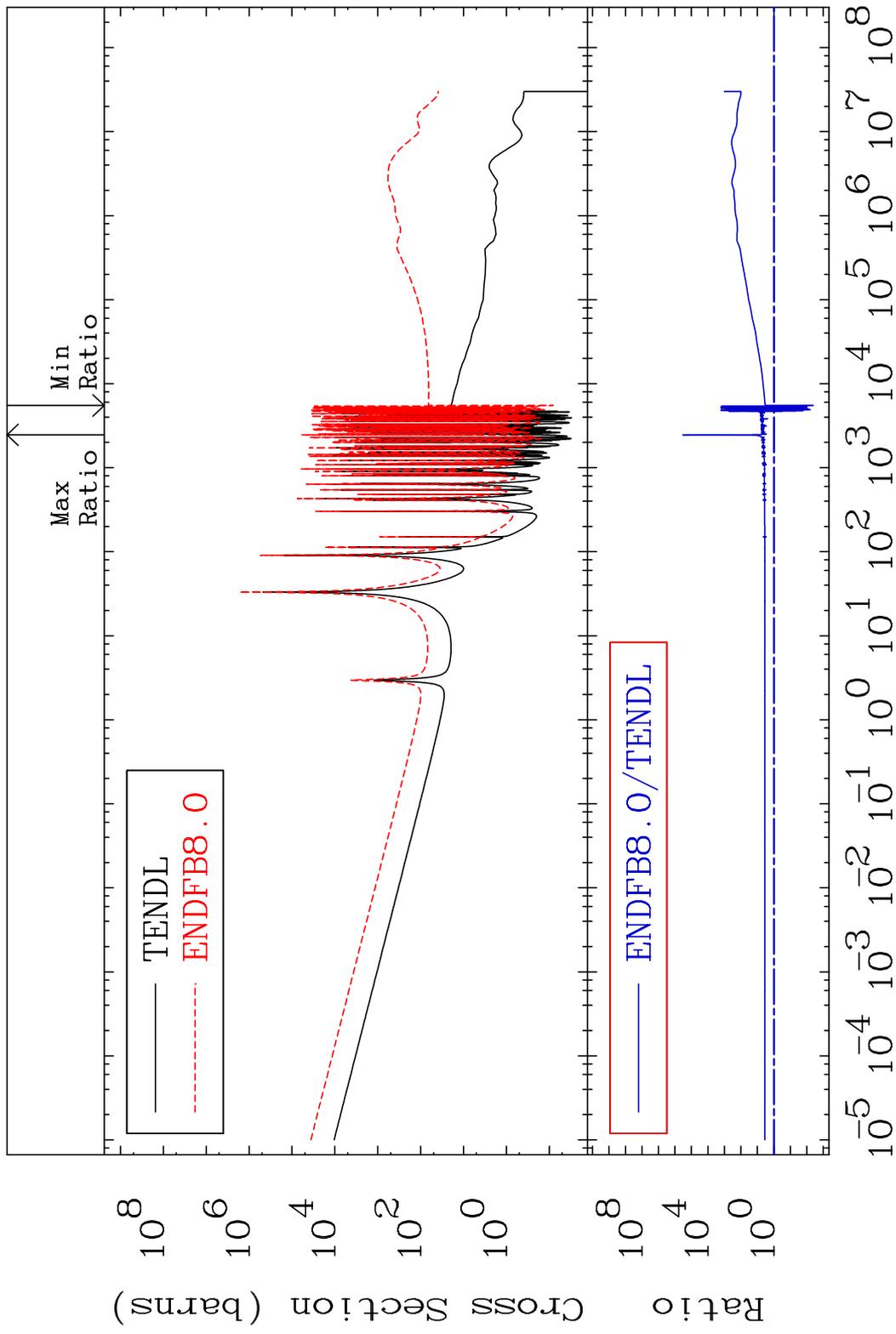
MAT 4643 Kerma inelastic (mt51-91) 46-Pd-108
 Cross Section -42.77 To 91.51 %



MAT 4643 Kerma fission (mt18 or mt19-20-21-38) 46-Pd-108
 Cross Section -42.77 To 91.51 %

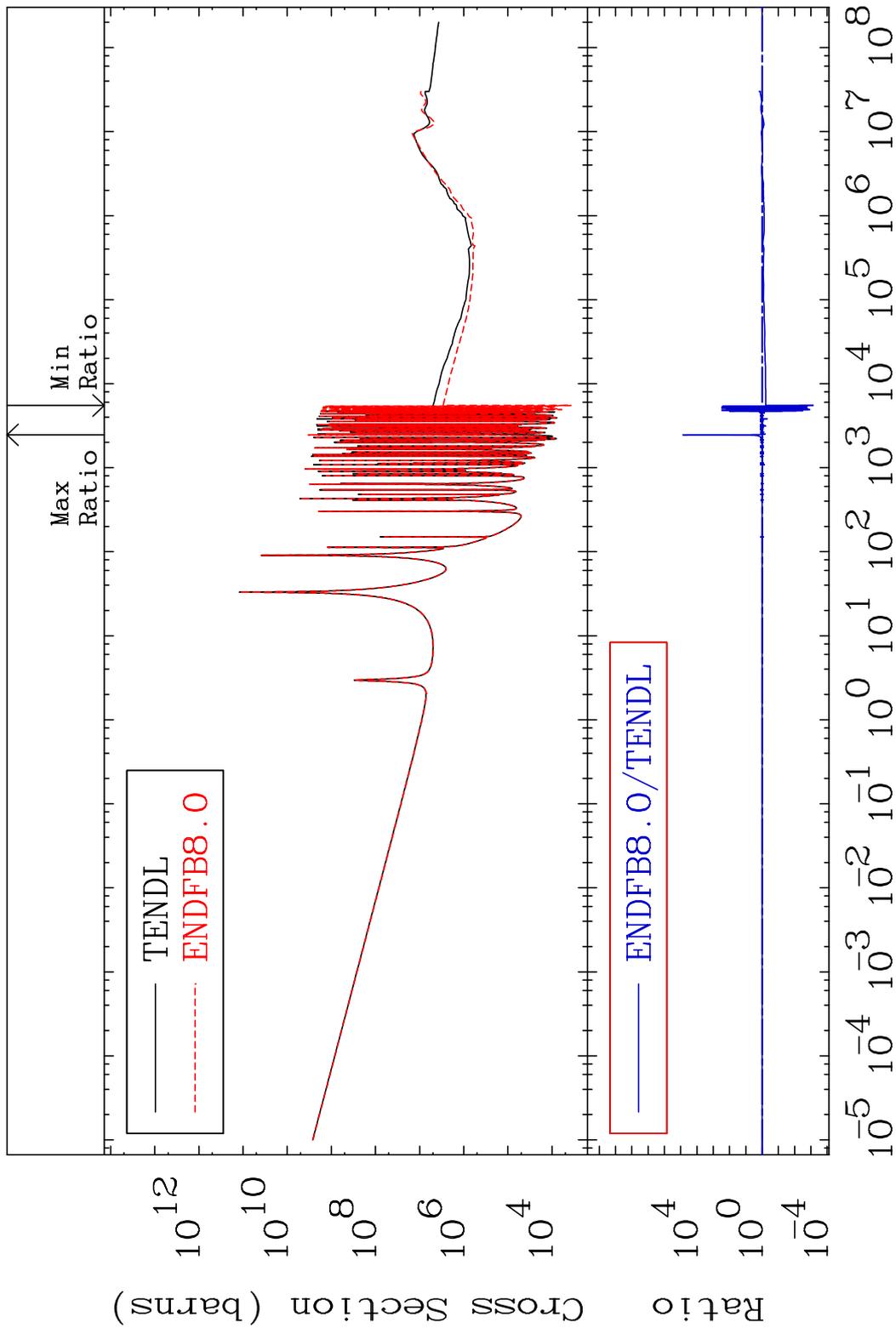


MAT 4643 Kerma capture (mt102) 46-Pd-108
 Cross Section -99.59 To 9999. %



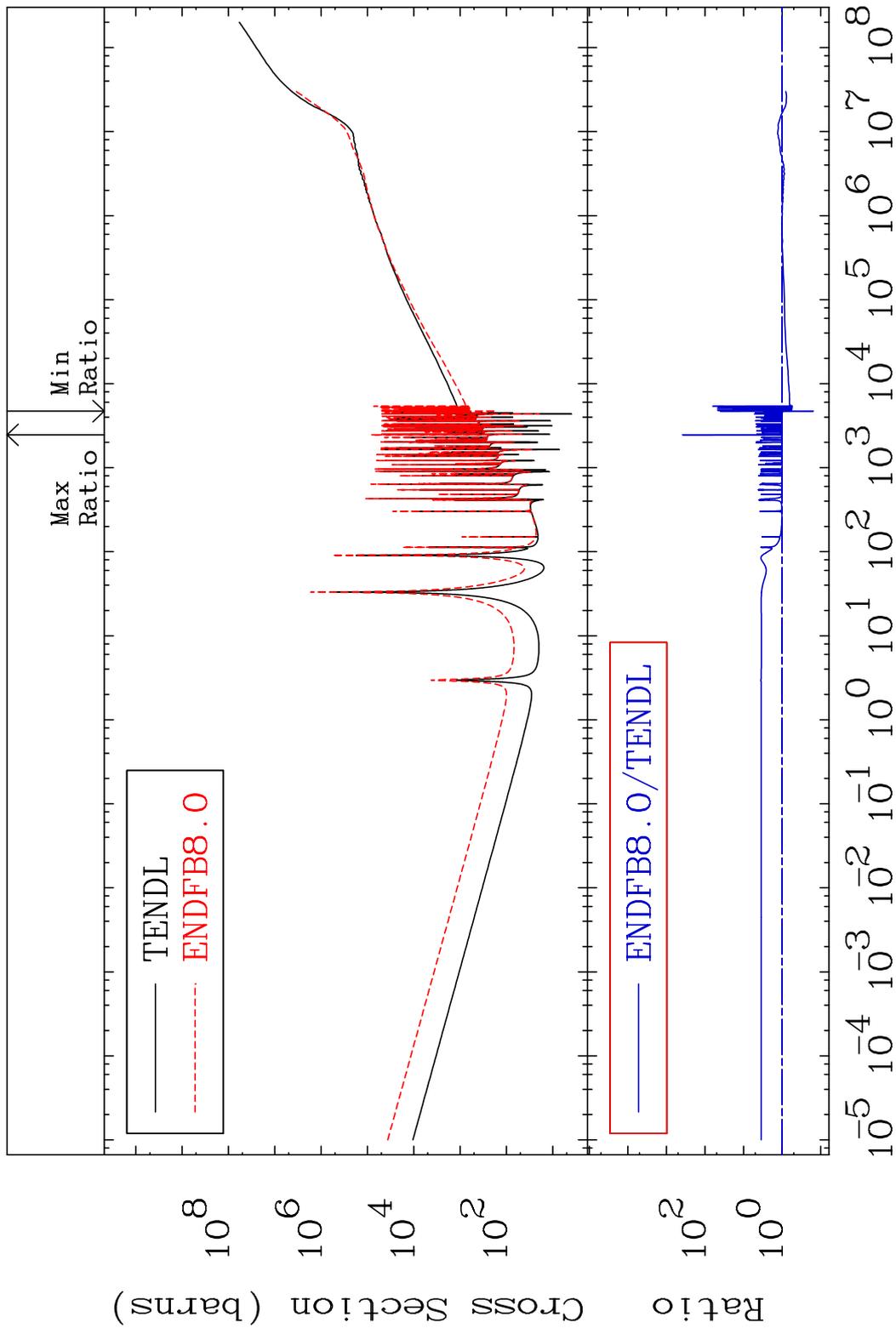
47 Incident Energy (eV) 46-Pd-108

MAT 4643 Total photon (eV-barns) 46-Pd-108
 Cross Section -99.93 To 9999. %



48 Incident Energy (eV) 46-Pd-108

MAT 4643 Total kinematic kerma (high limit) 46-Pd-108
 Cross Section -84.26 To 9999. %

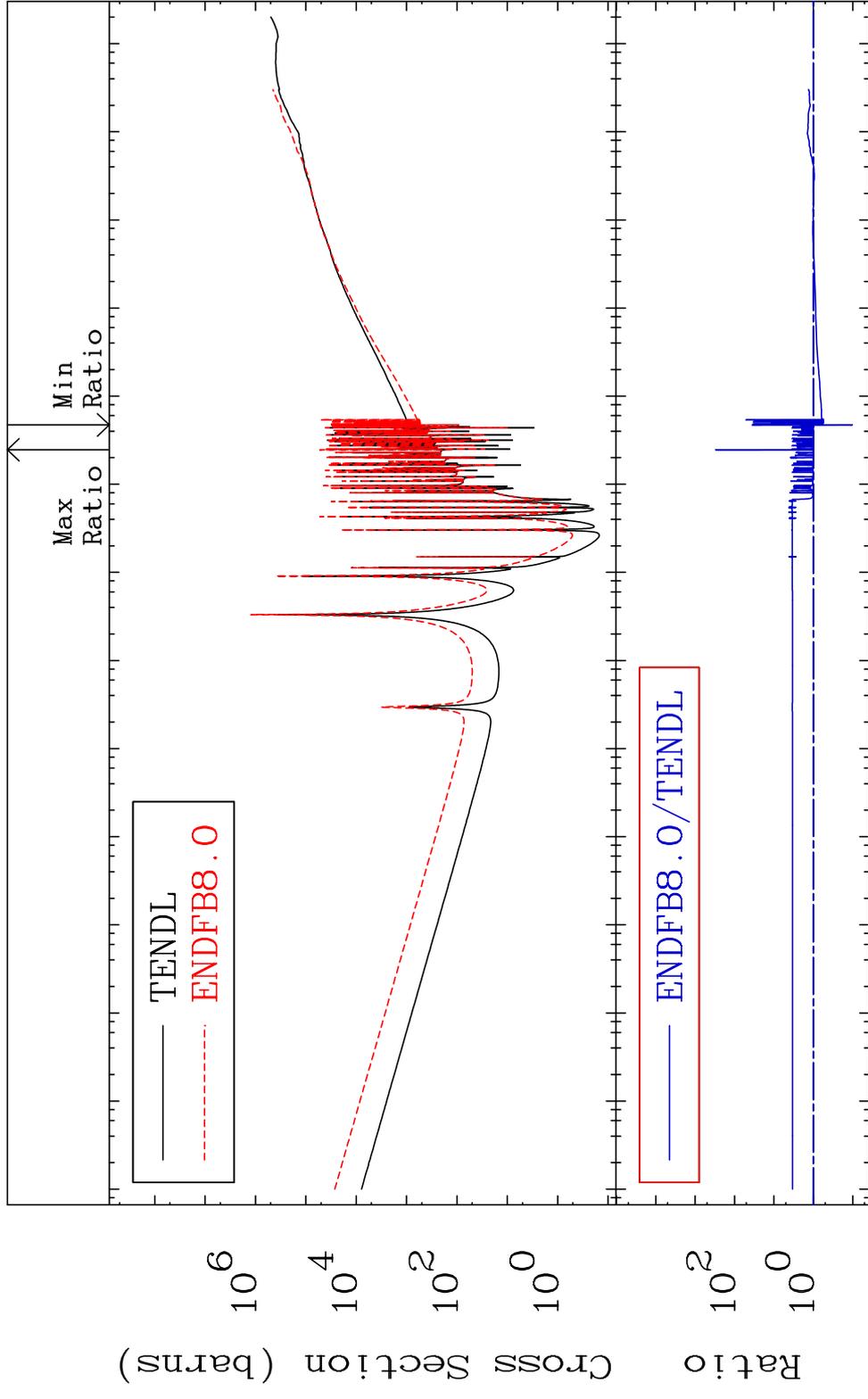


MAT 4643

Dpa total (eV-barns)

46-Pd-108

Cross Section -89.88 To 9999. %

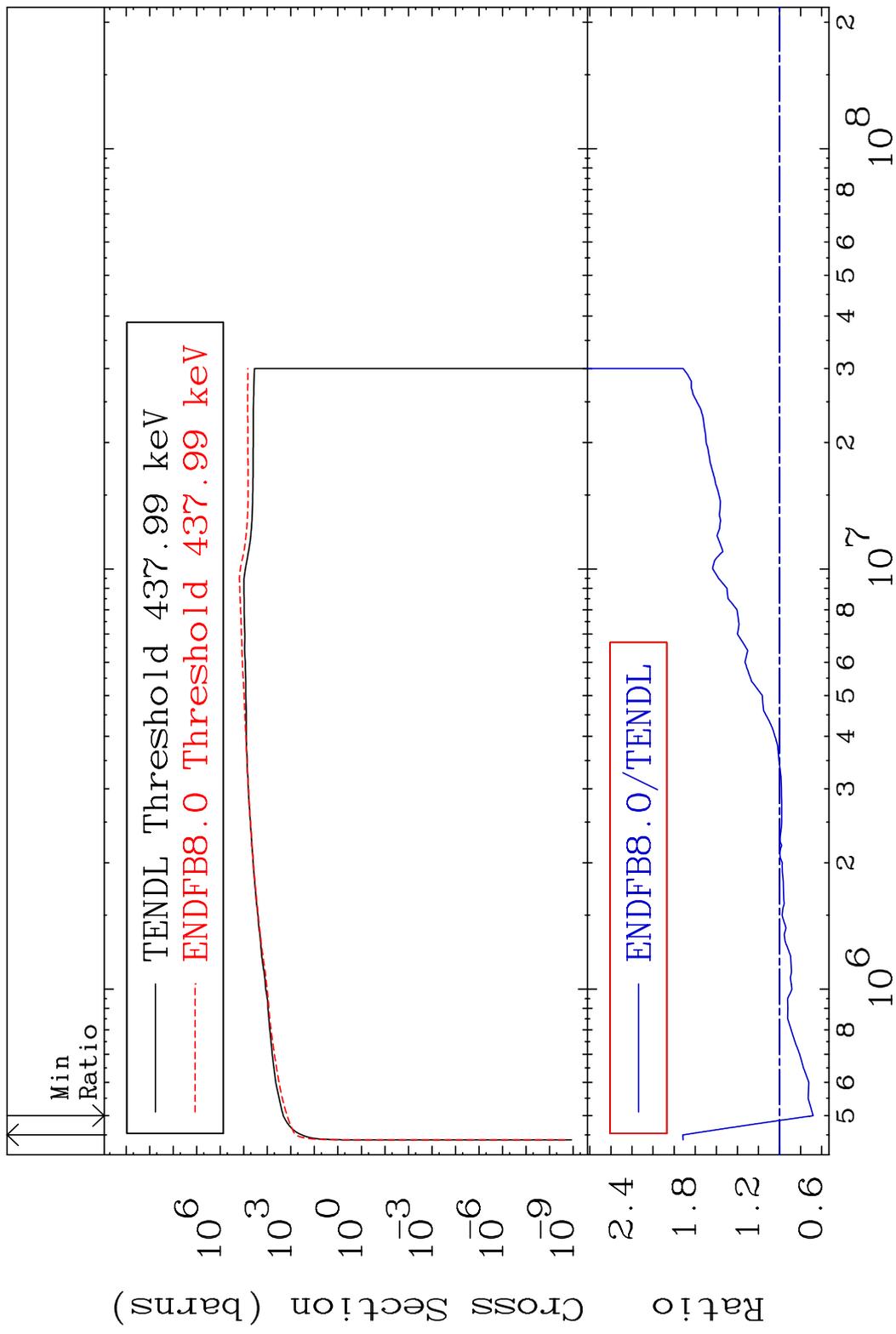


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Incident Energy (eV)

46-Pd-108

MAT 4643 Dpa inelastic (mt51-91) 46-Pd-108
 Cross Section -31.88 To 91.77 %



MAT 4643 Dpa disappearance (mt102 -120) 46-Pd-108
 Cross Section -99.75 To 9999. %

