

Program Complot
(Version 2021-1)

by

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U.S.A.

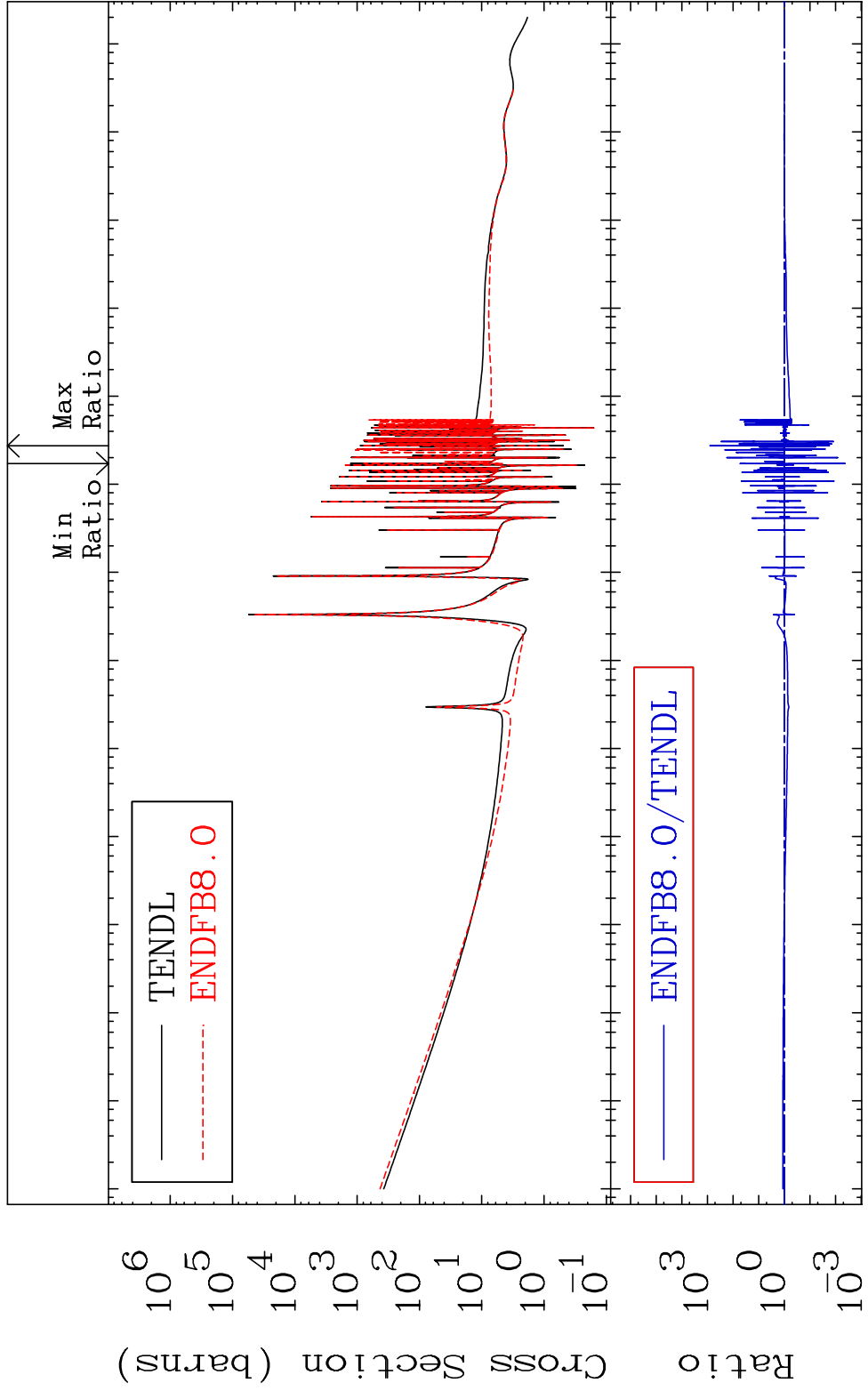
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4643

Total Cross Section -99.58 To 9999. %
46-Pd-108



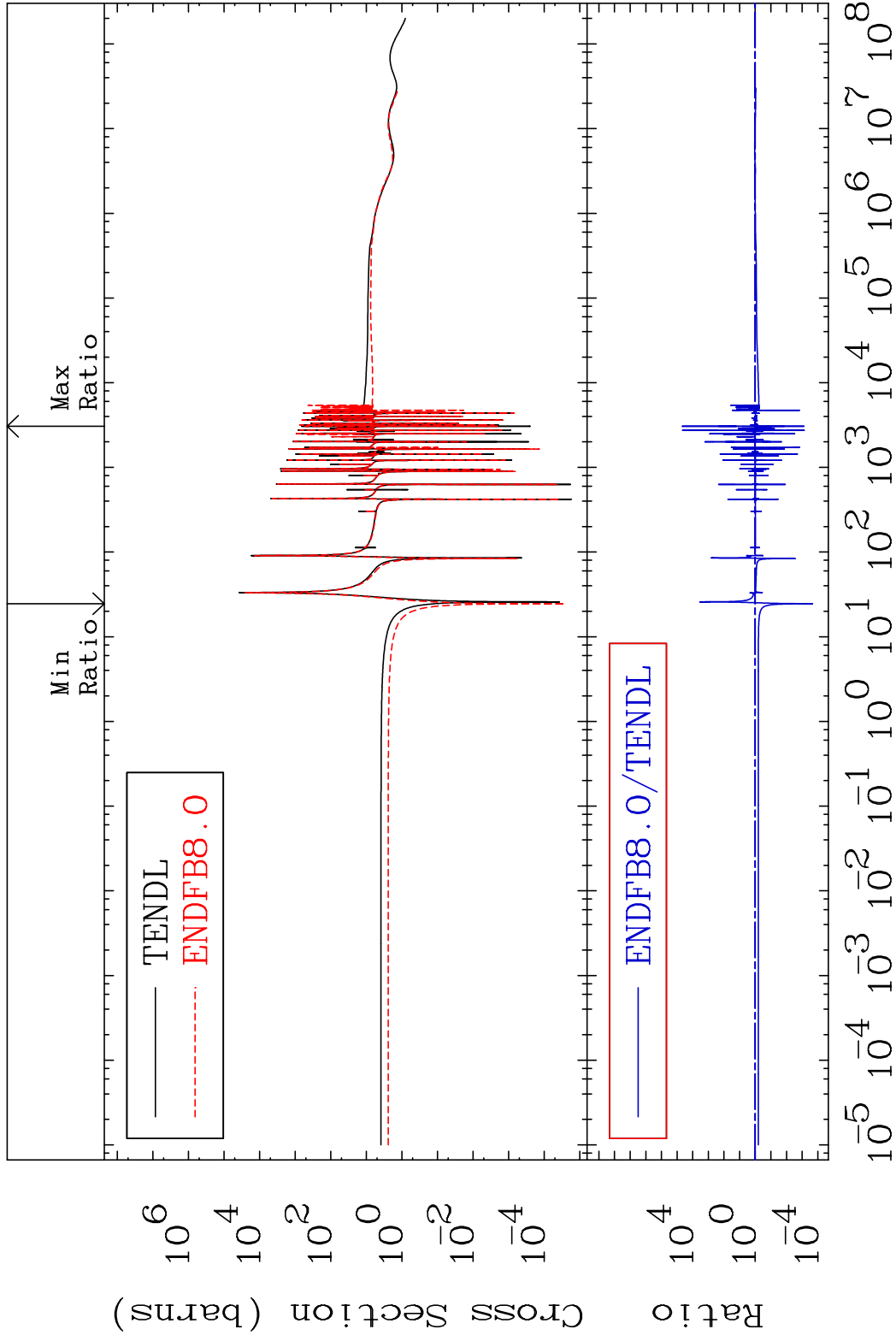
1 Incident Energy (eV) 46-Pd-108

MAT 4643

Elastic

46-Pd-108

Cross Section -99.98 To 9999. %

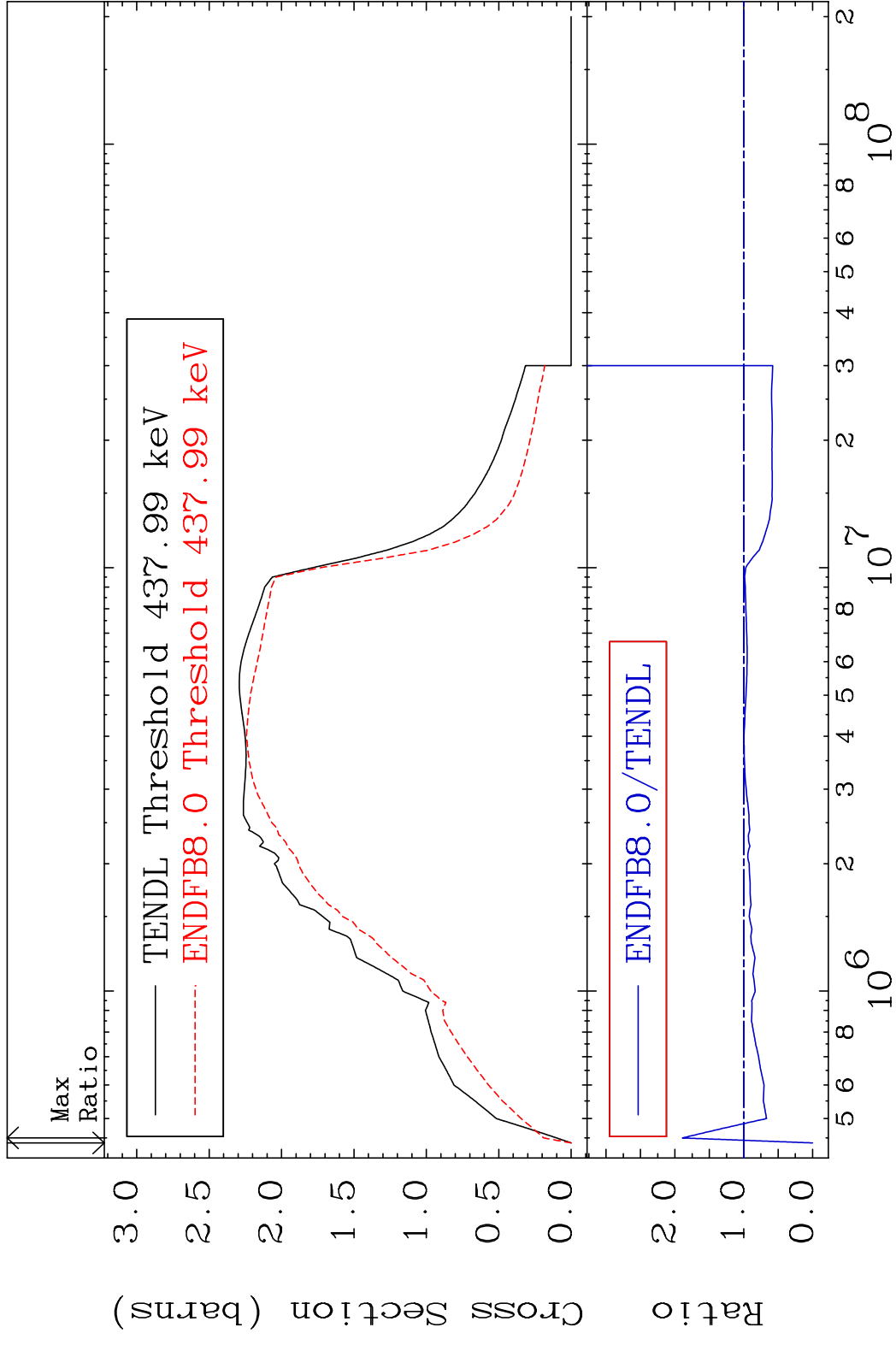


2

Incident Energy (eV)

46-Pd-108

MAT 4643 Inelastic 46-Pd-108
 Cross Section -100.0 To 89.18 %

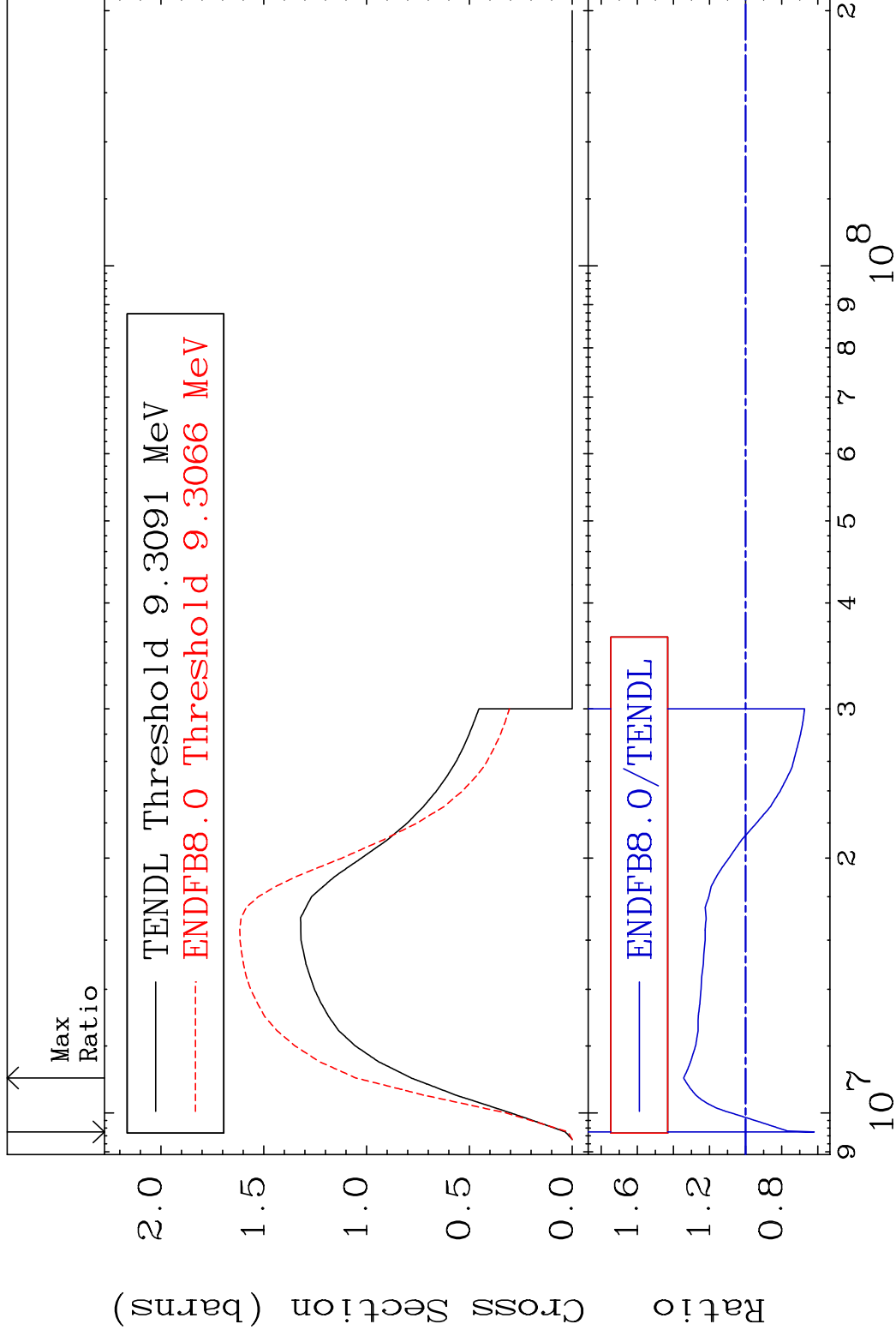


MAT 4643

(n,2n)

46-Pd-108

Cross Section -37.90 To 34.35 %



4

Incident Energy (eV)

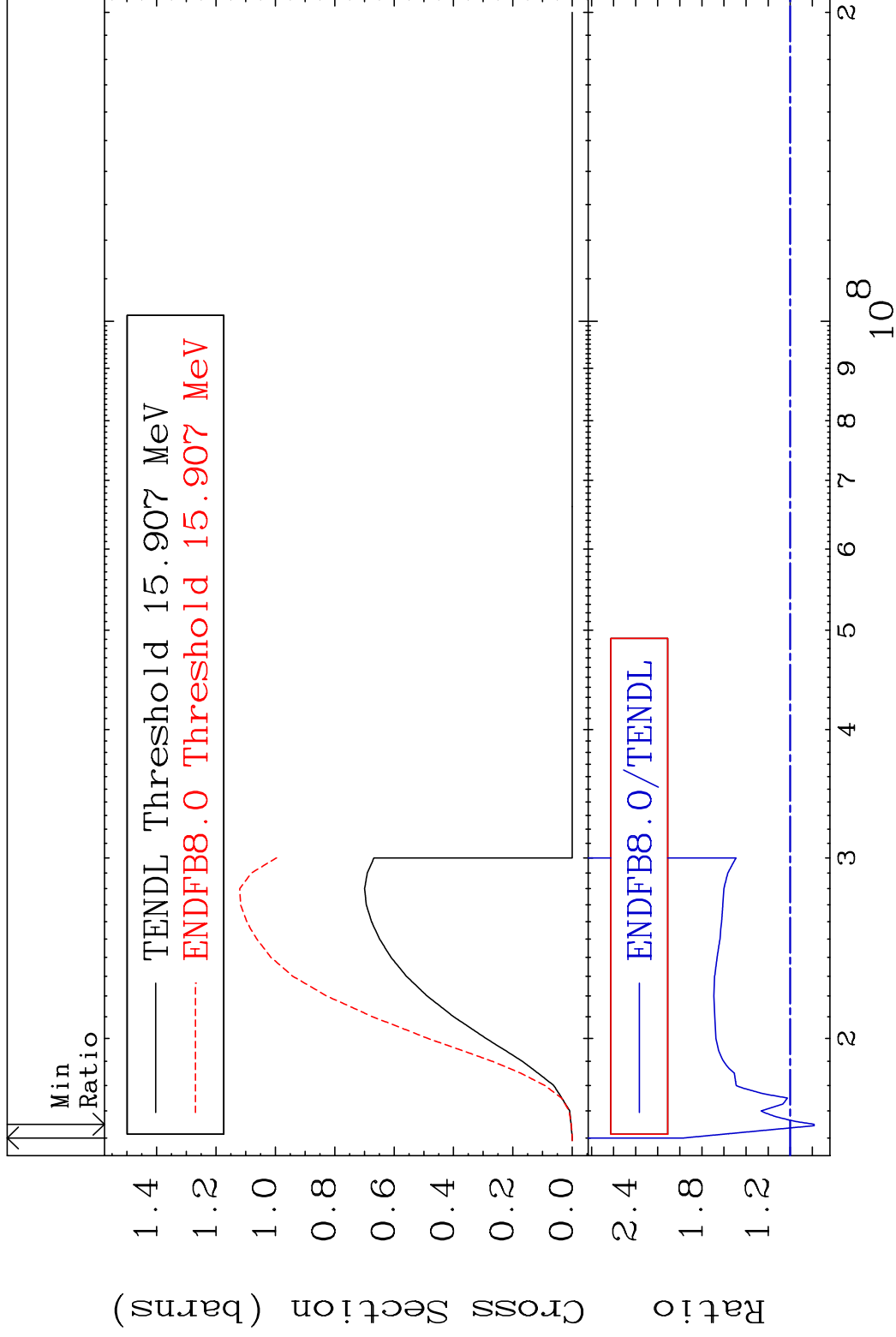
46-Pd-108

MAT 4643

(n,3n)

46-Pd-108

Cross Section -21.66 To 96.53 %

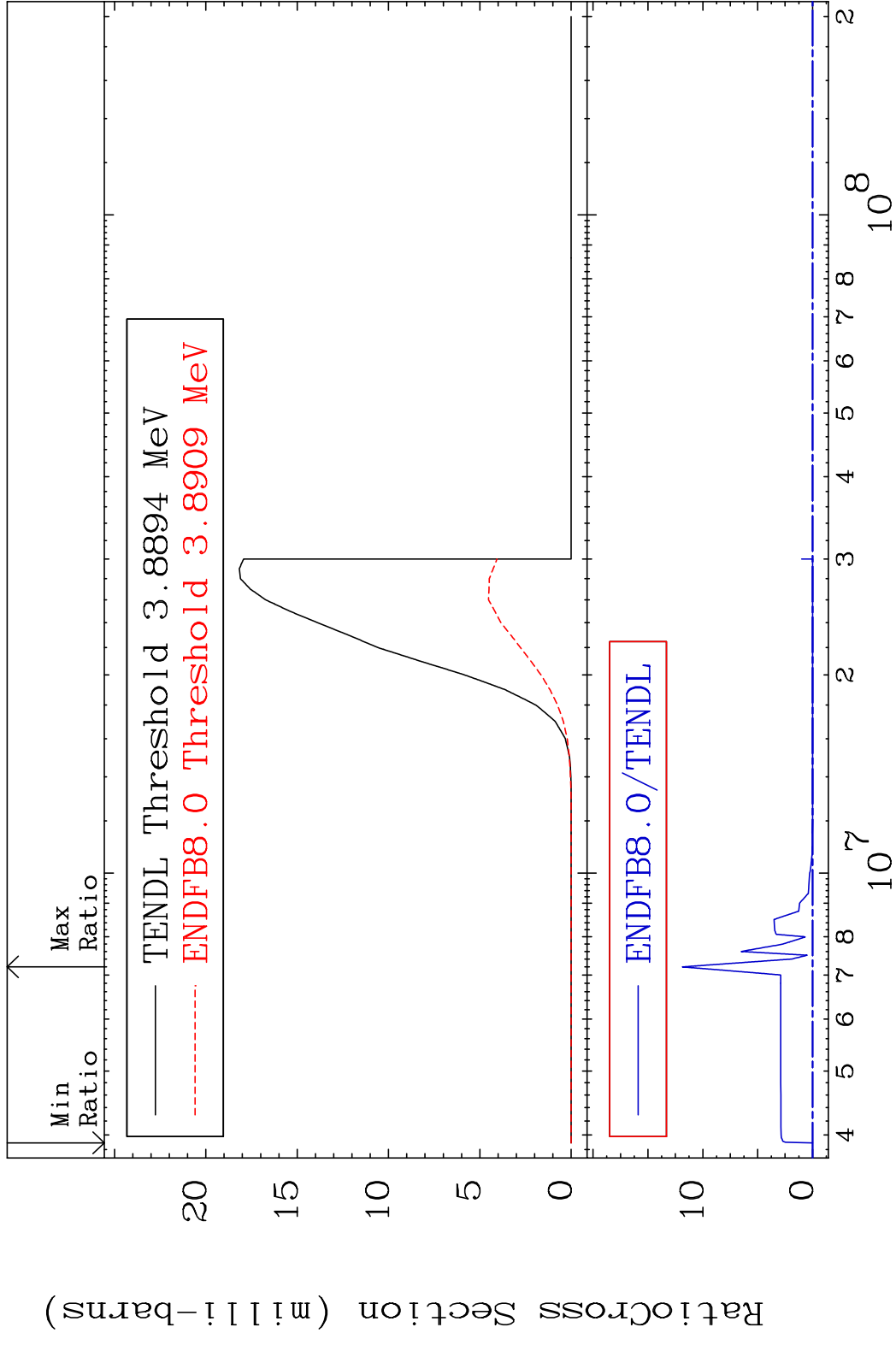


5

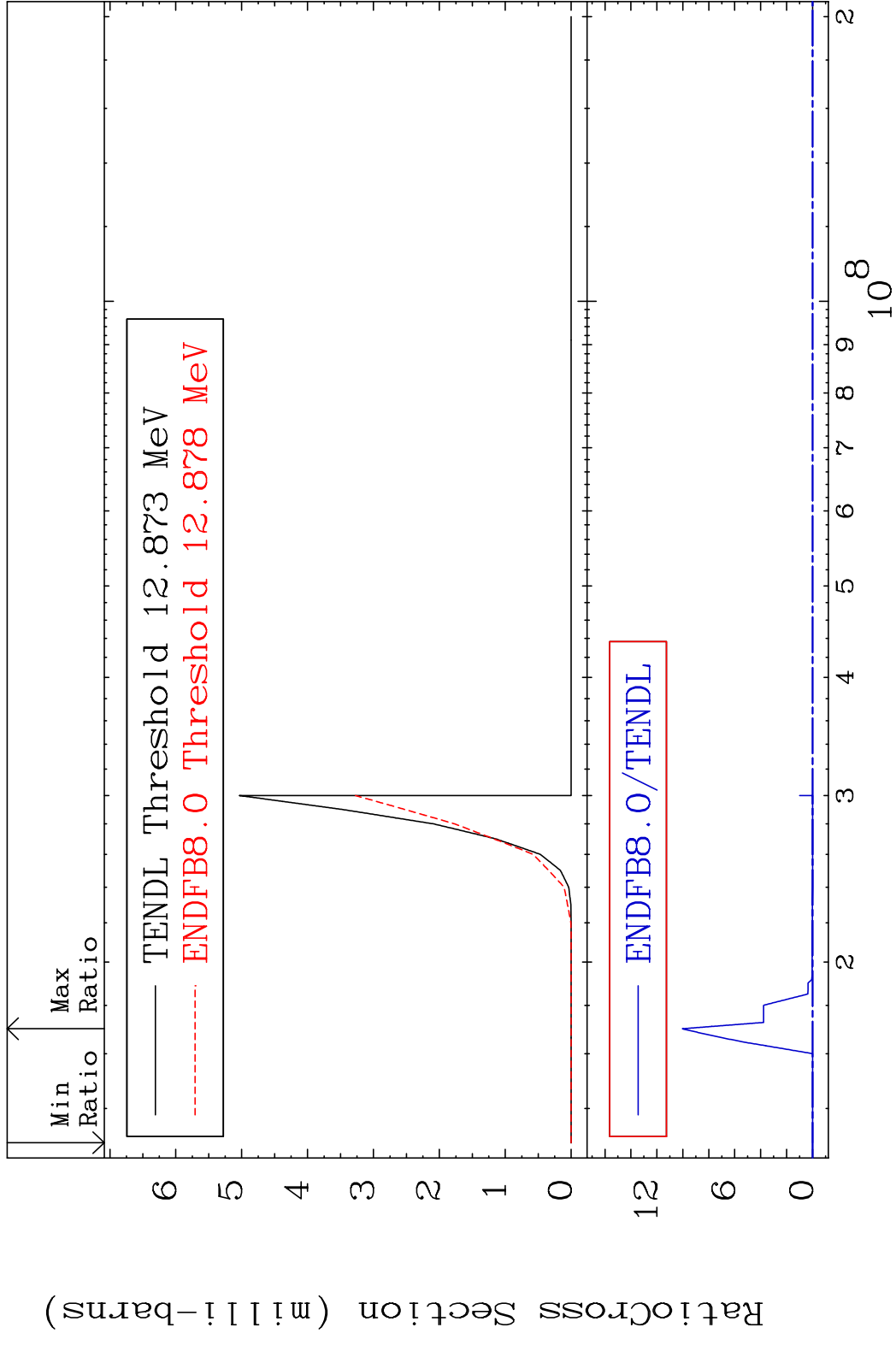
Incident Energy (eV)

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. %

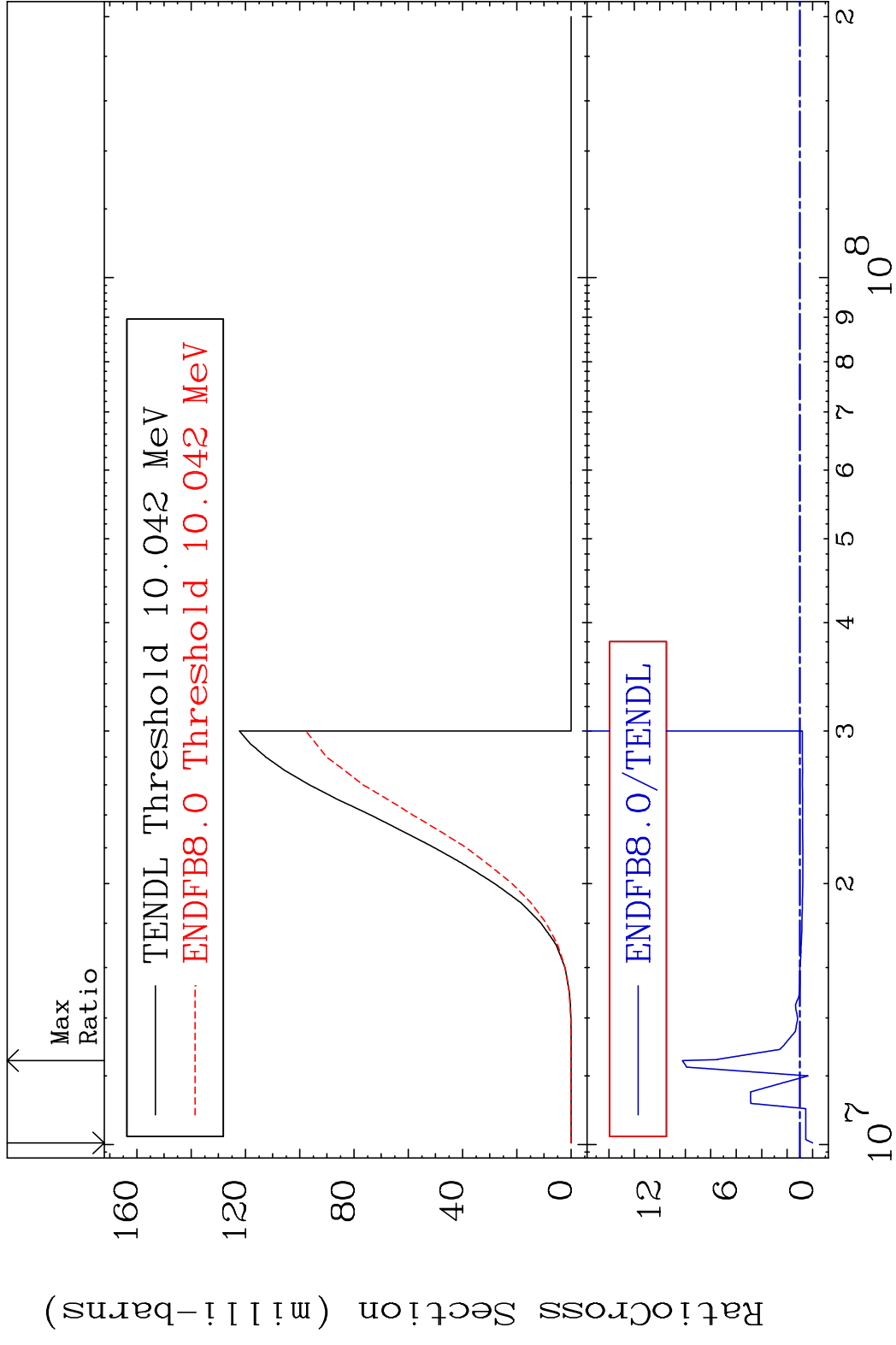


MAT 4643

(n, n') p

46-Pd-108

Cross Section -100.0 To 923.0 %



8

Incident Energy (eV)

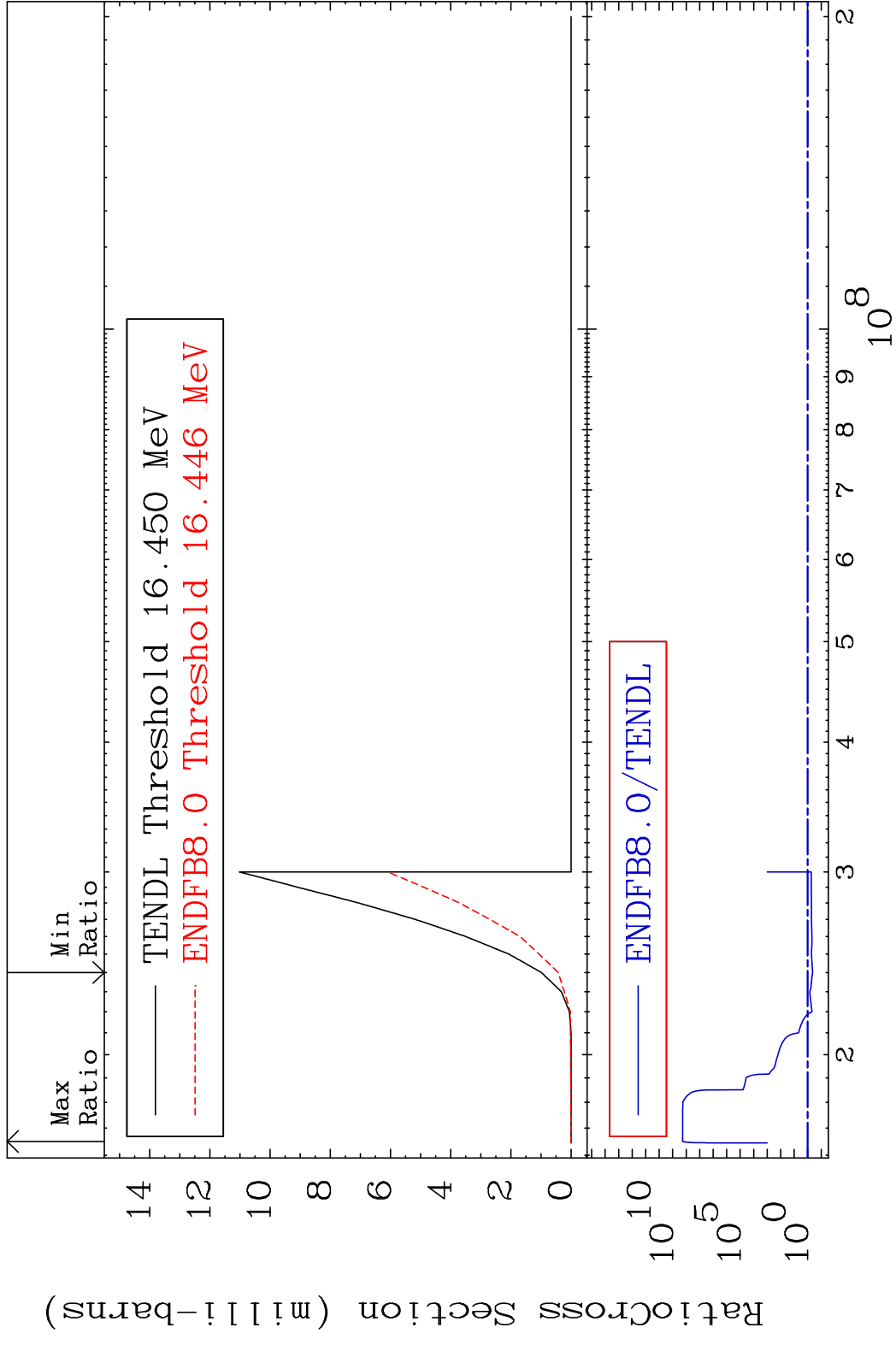
46-Pd-108

MAT 4643

(n, n') d

46-Pd-108

Cross Section -56.44 To 9999. %

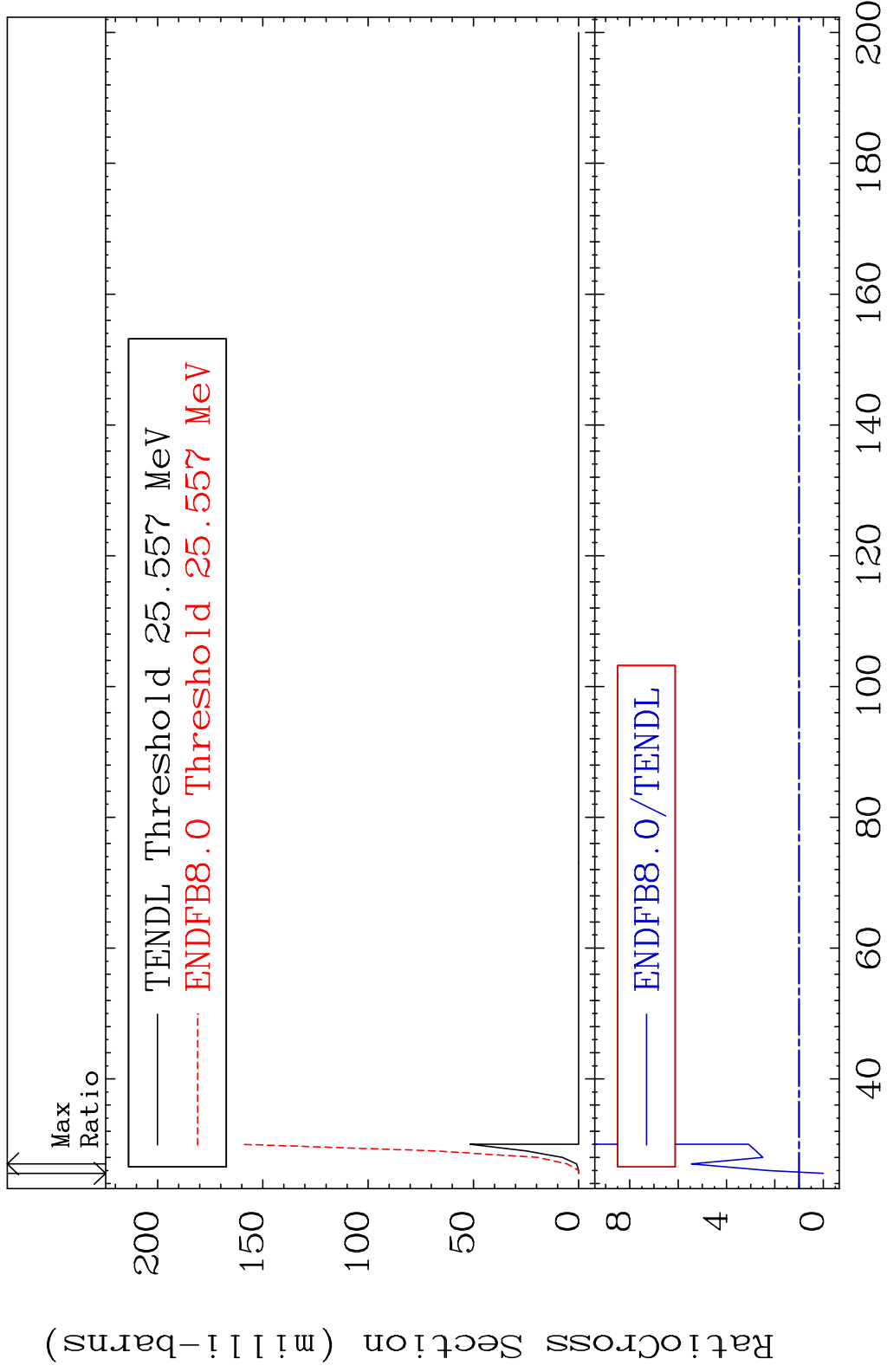


MAT 4643

(n,4n)

46-Pd-108

Cross Section -100.0 To 445.4 %



10

Incident Energy (MeV)

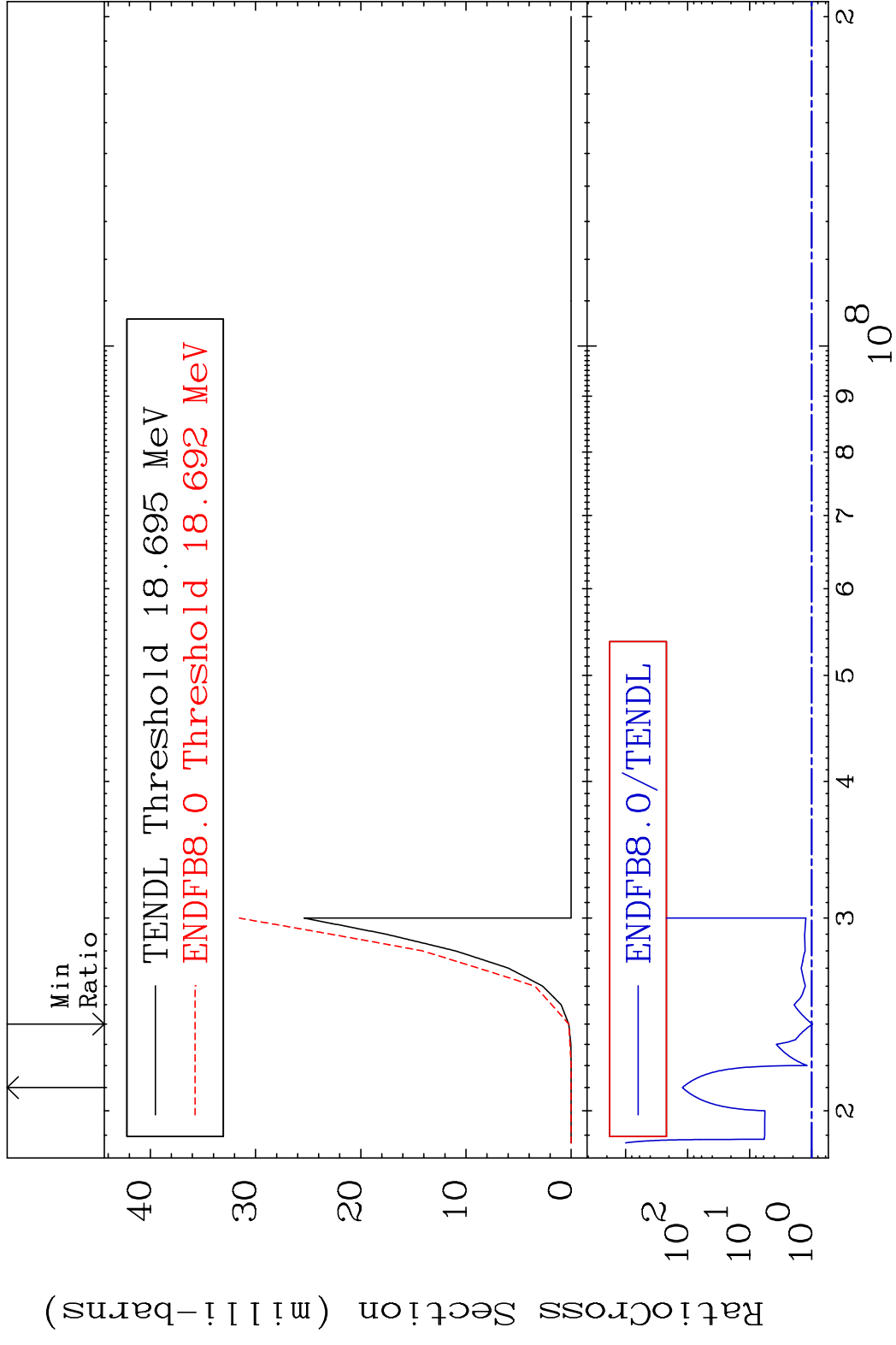
46-Pd-108

MAT 4643

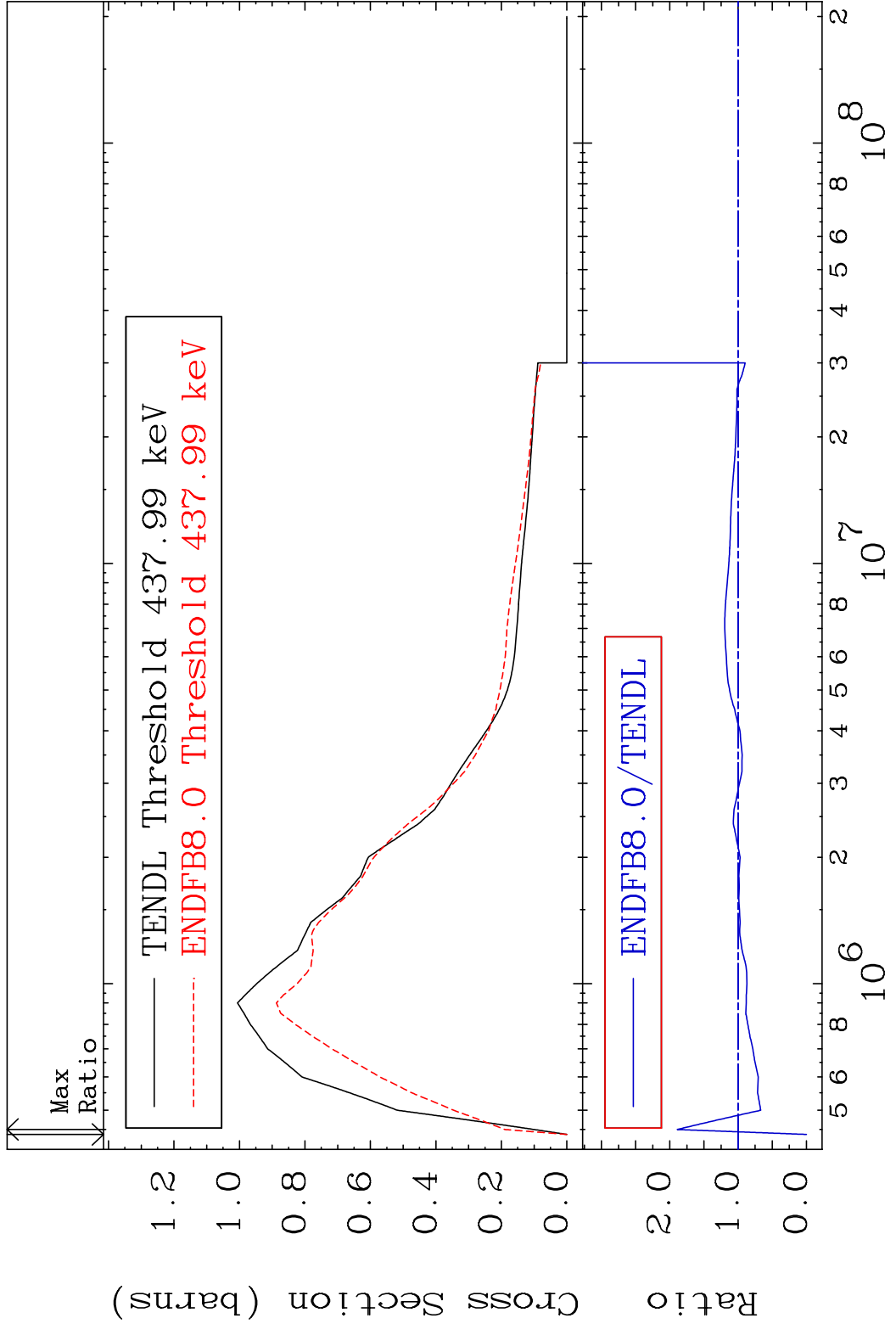
(n,2n) p

46-Pd-108

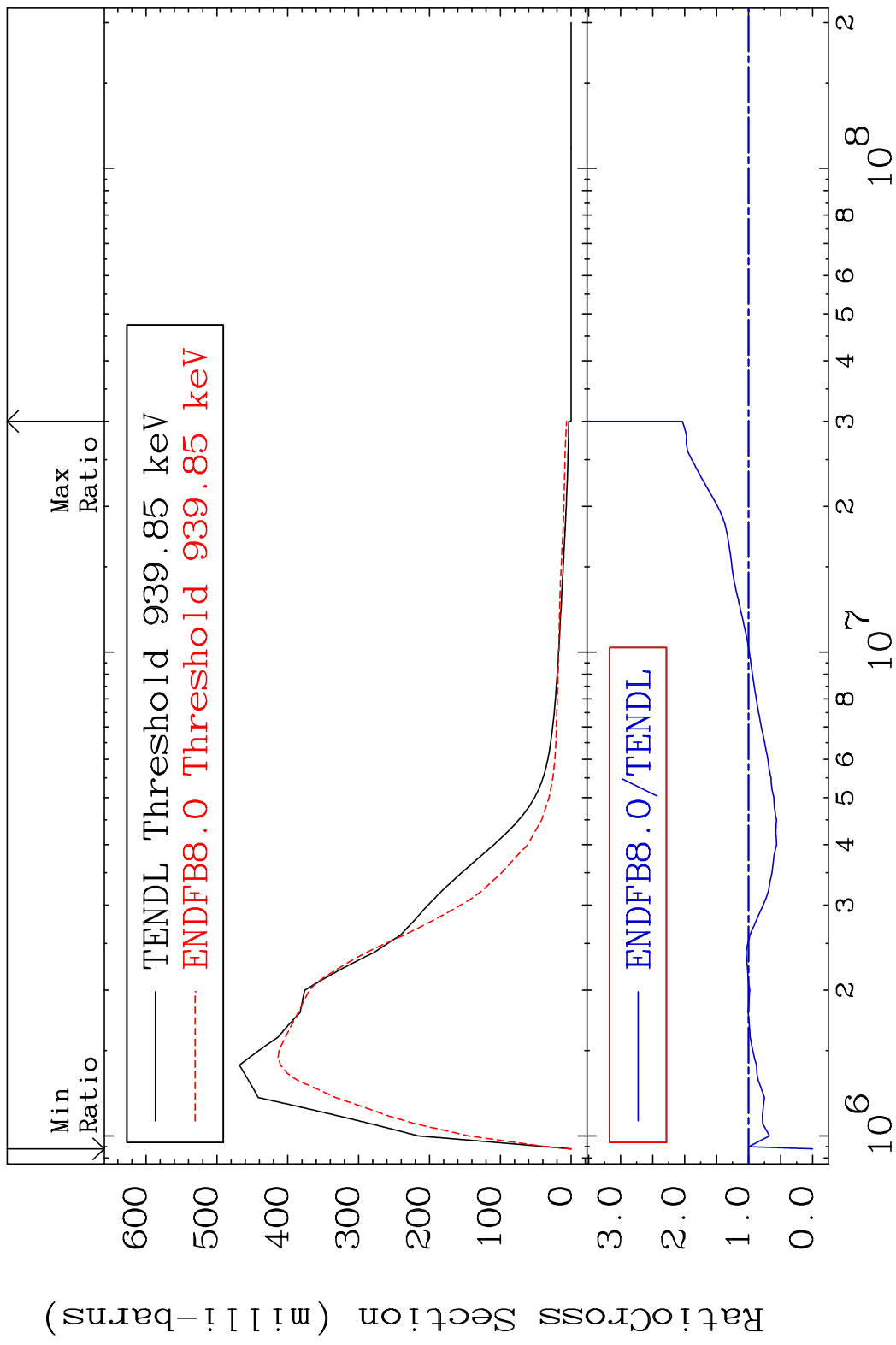
Cross Section -2.987 To 9999. %



MAT 4643 MT= 51 (n,n') Level 46-Pd-108
 Cross Section -100.0 To 89.18 %

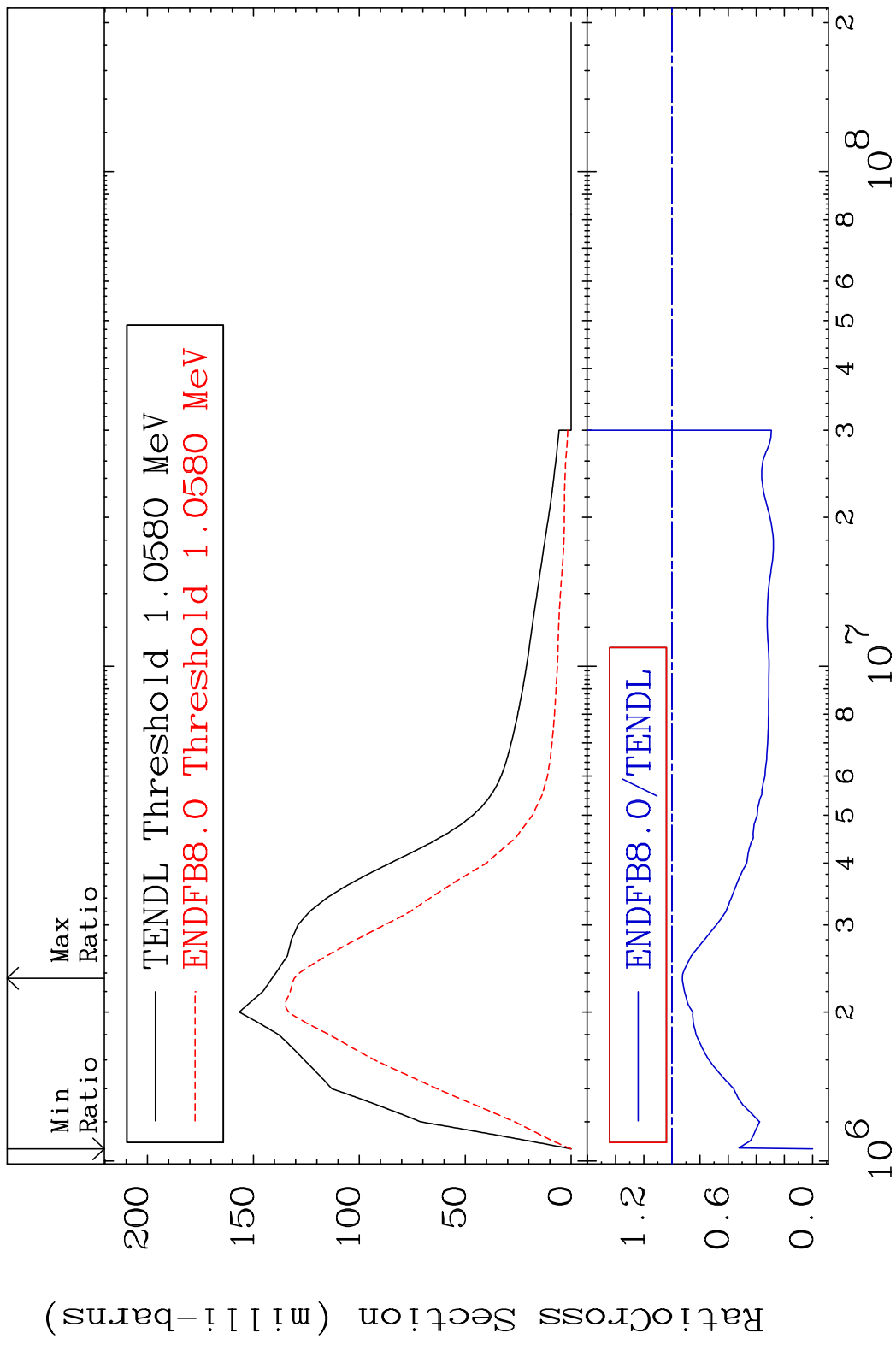


MAT 4643 MT= 52 (n, n') Level 46-Pd-108
 Cross Section -100.0 To 103.6 %



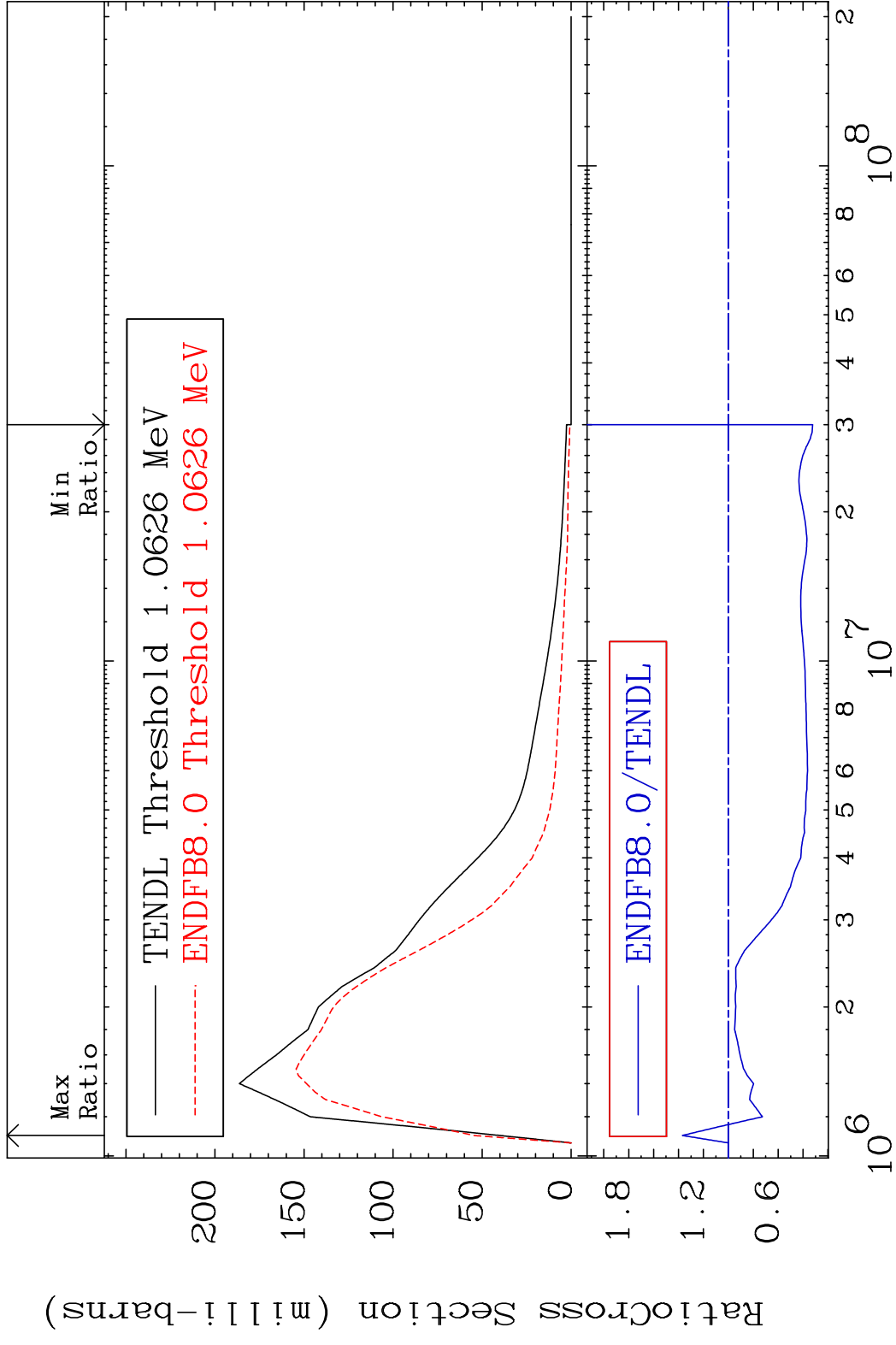
13 Incident Energy (eV) 46-Pd-108

MAT 4643 MT= 53 (n,n') Level 46-Pd-108
 Cross Section -100.0 To -7.446%



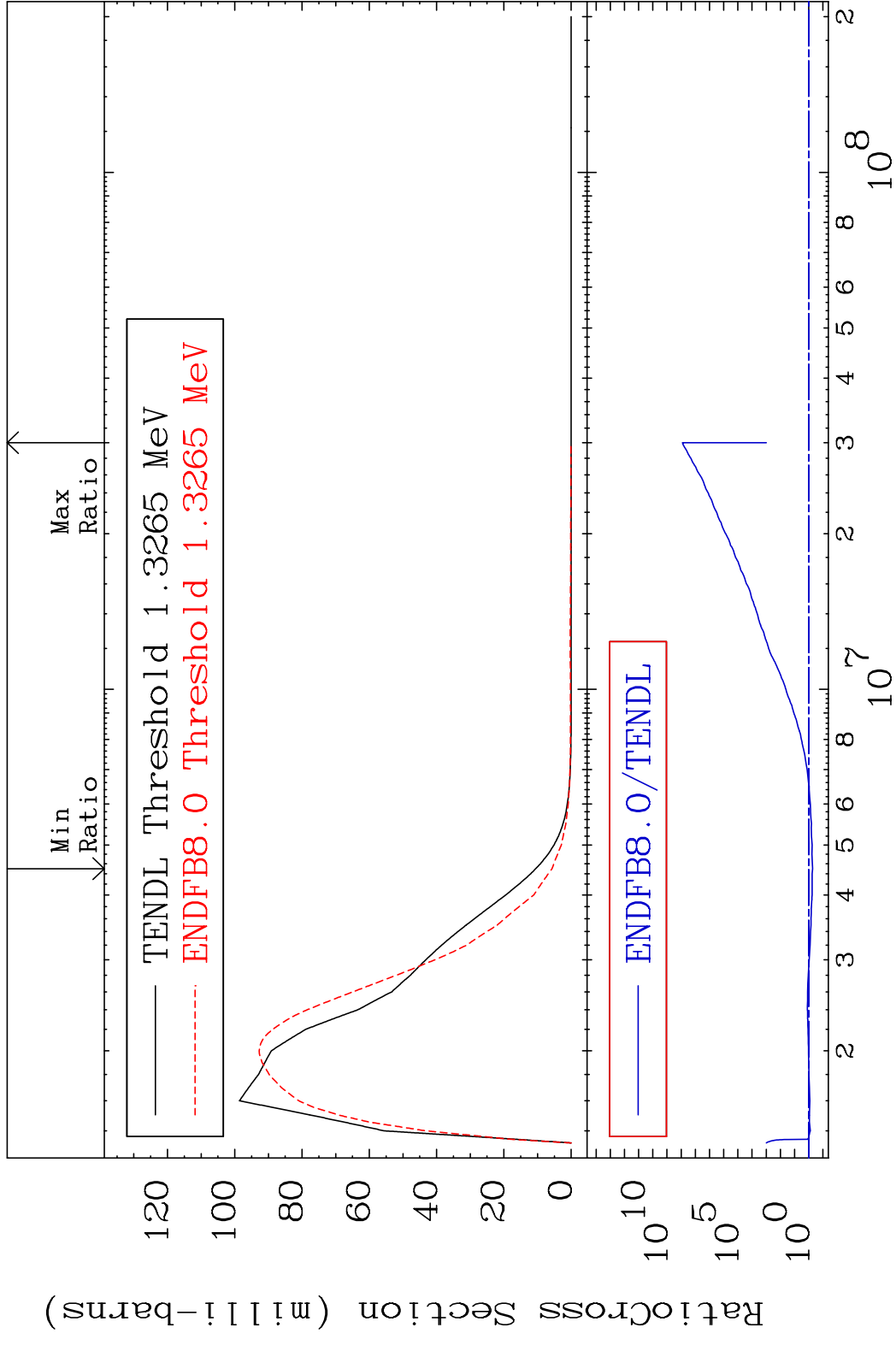
14 Incident Energy (eV) 46-Pd-108

MAT 4643 MT= 54 (n,n') Level 46-Pd-108
 Cross Section -67.63 To 36.93 %

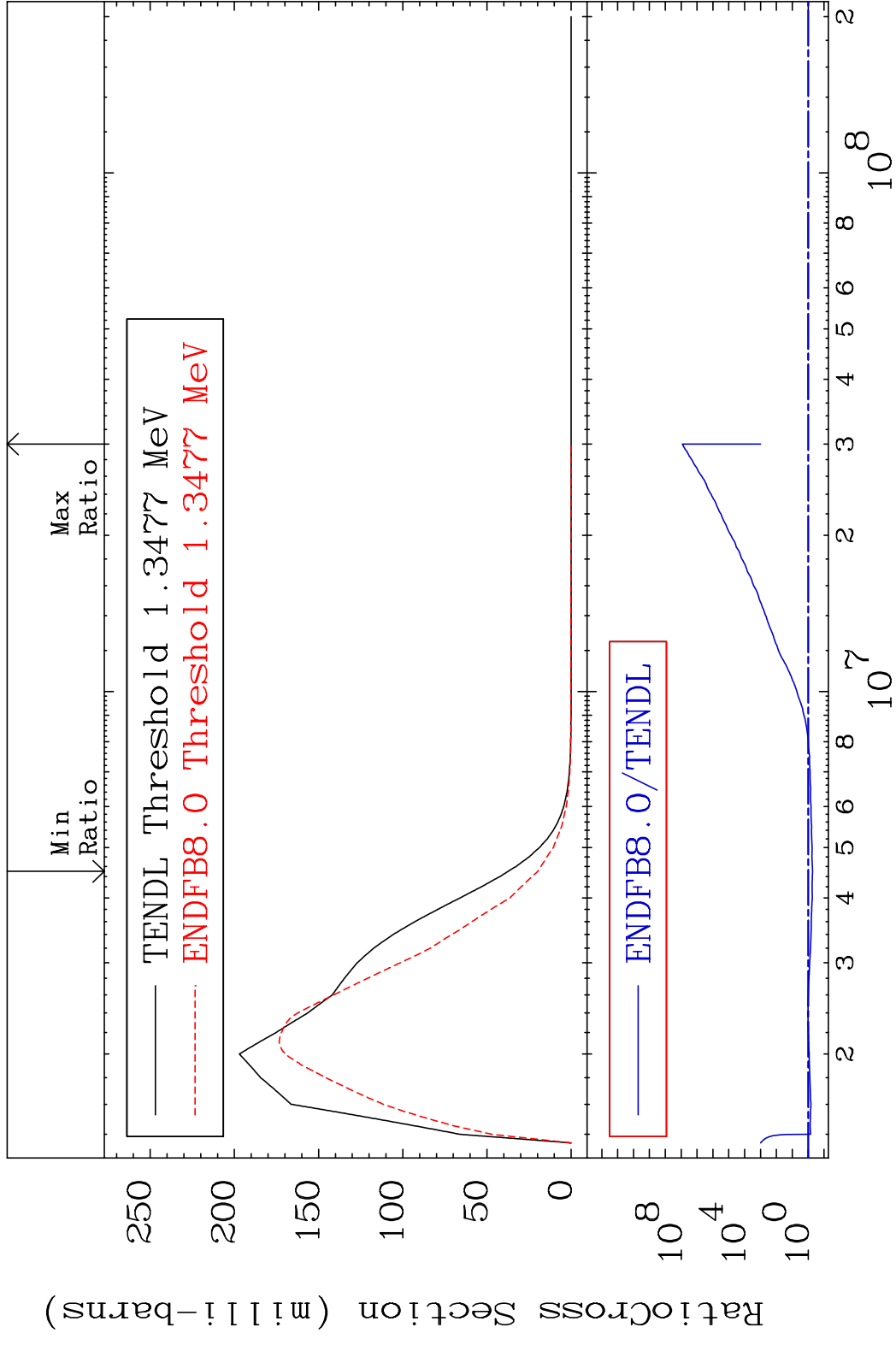


15 Incident Energy (eV) 46-Pd-108

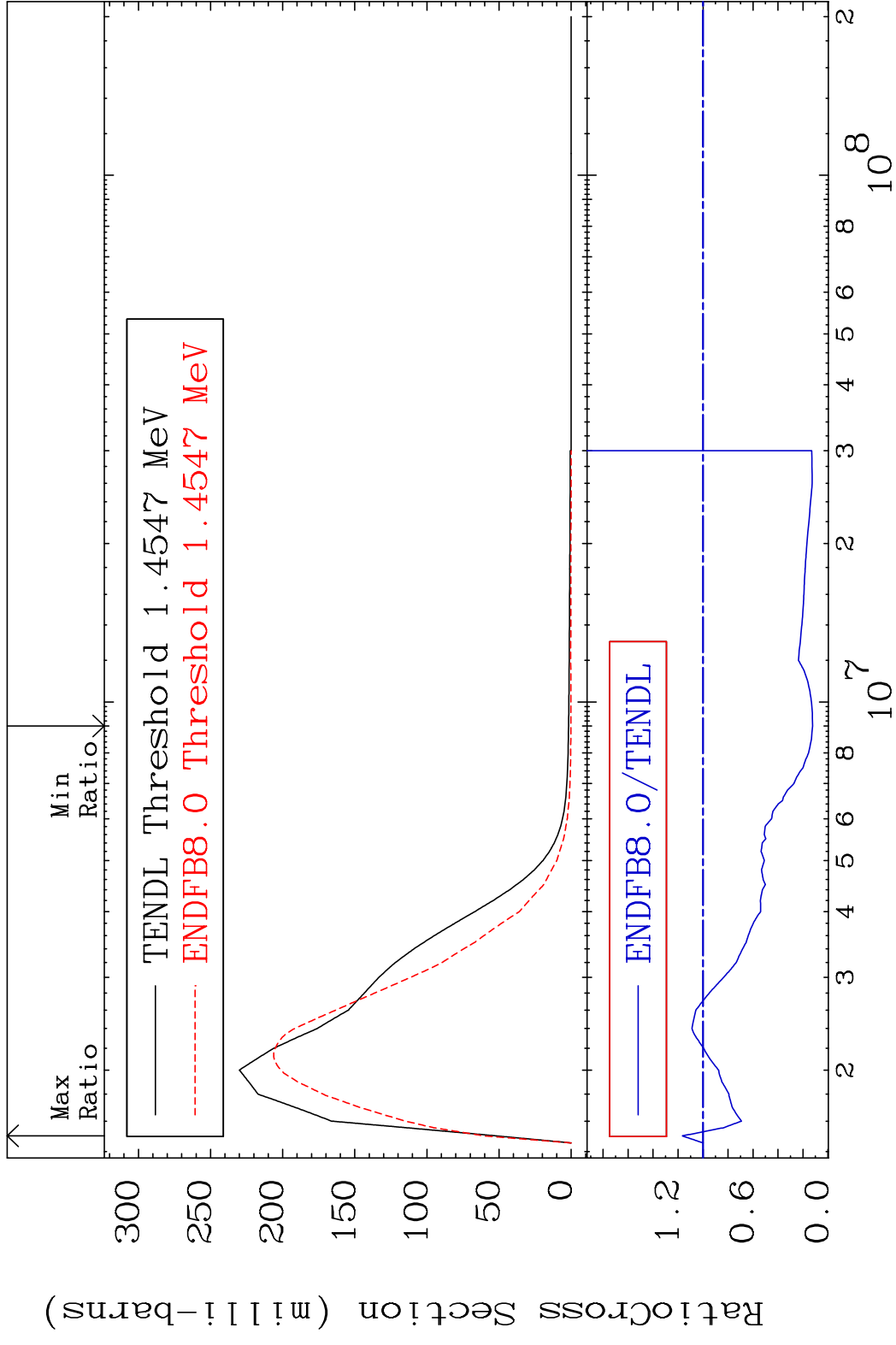
MAT 4643 MT= 55 (n, n') Level 46-Pd-108
 Cross Section -46.10 To 9999. %



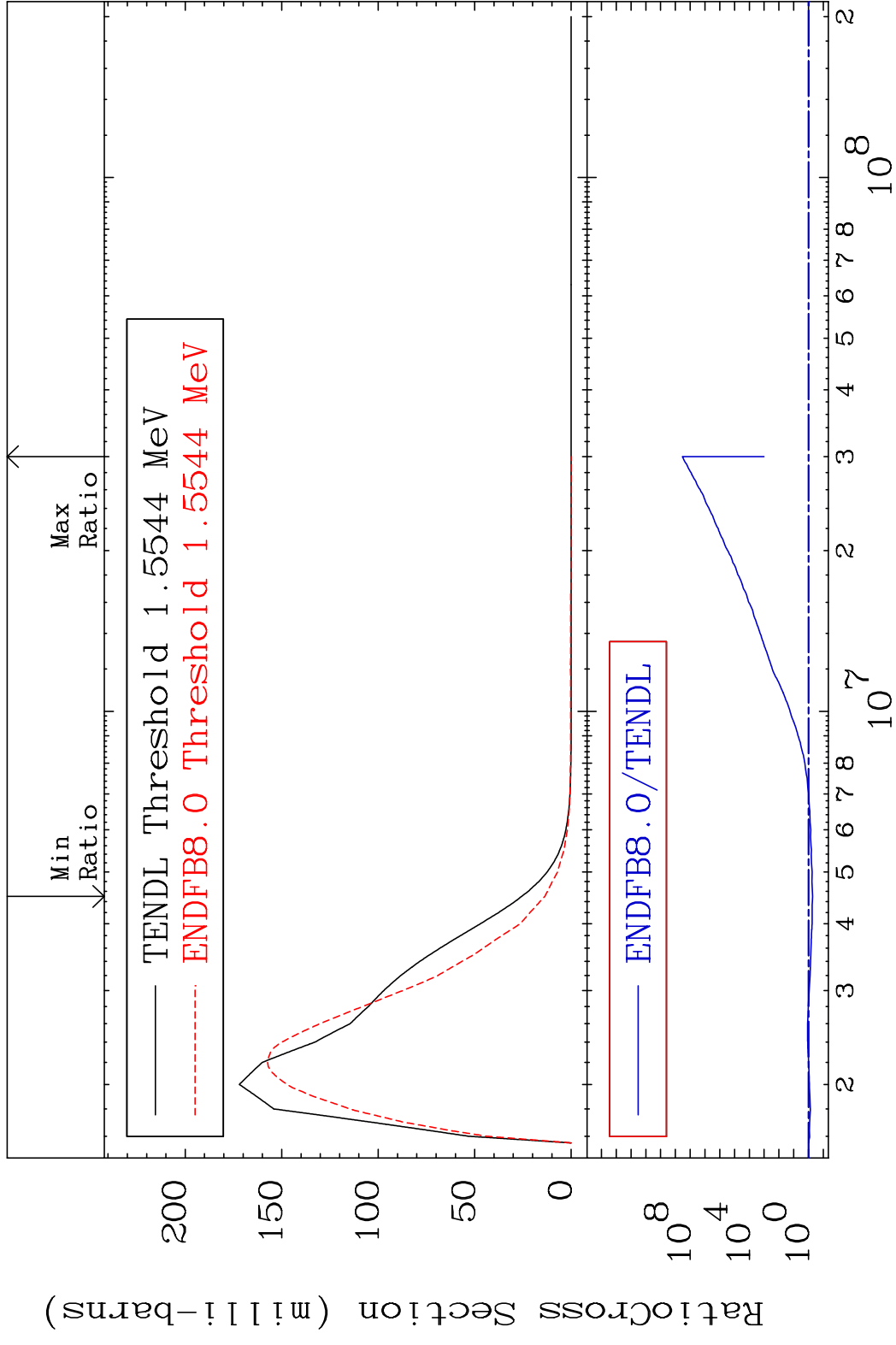
MAT 4643 MT= 56 (n, n') Level 46-Pd-108
 Cross Section -47.05 To 9999. %



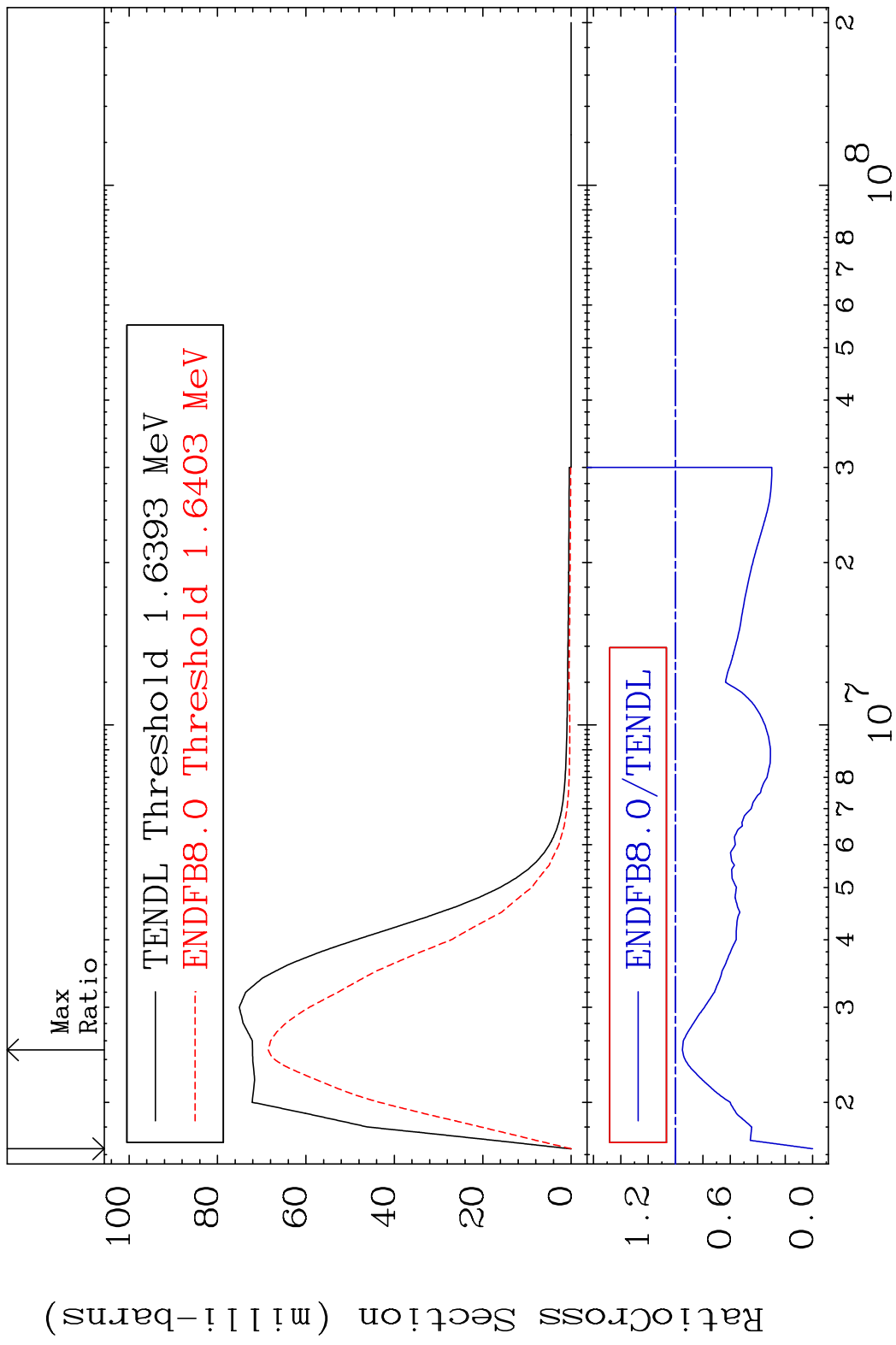
MAT 4643 MT= 57 (n,n') Level 46-Pd-108
 Cross Section -87.71 To 16.56 %



MAT 4643 MT= 58 (n, n') Level 46-Pd-108
 Cross Section -46.98 To 9999. %

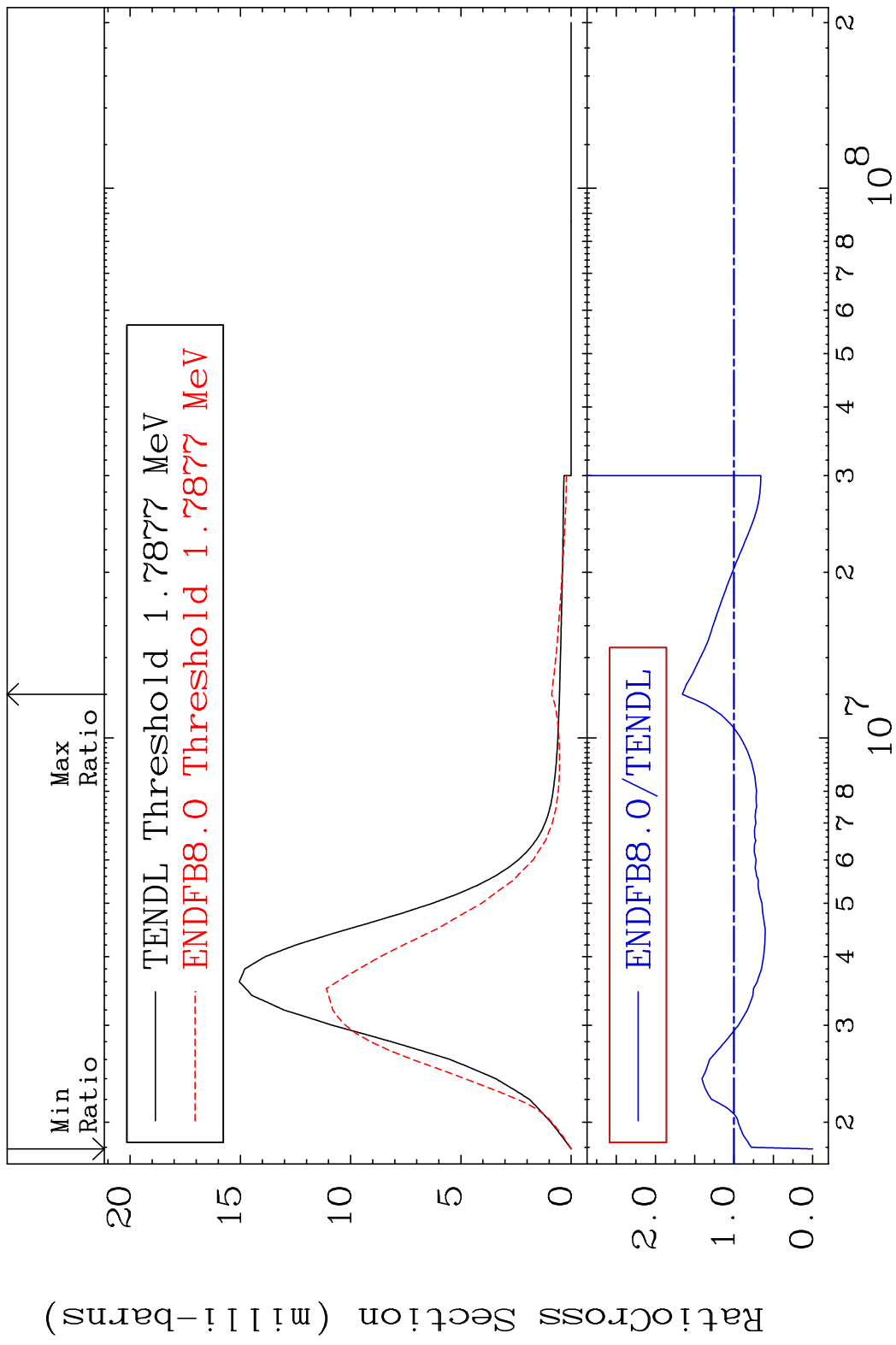


MAT 4643 MT= 59 (n,n') Level 46-Pd-108
 Cross Section -100.0 To -4.971%

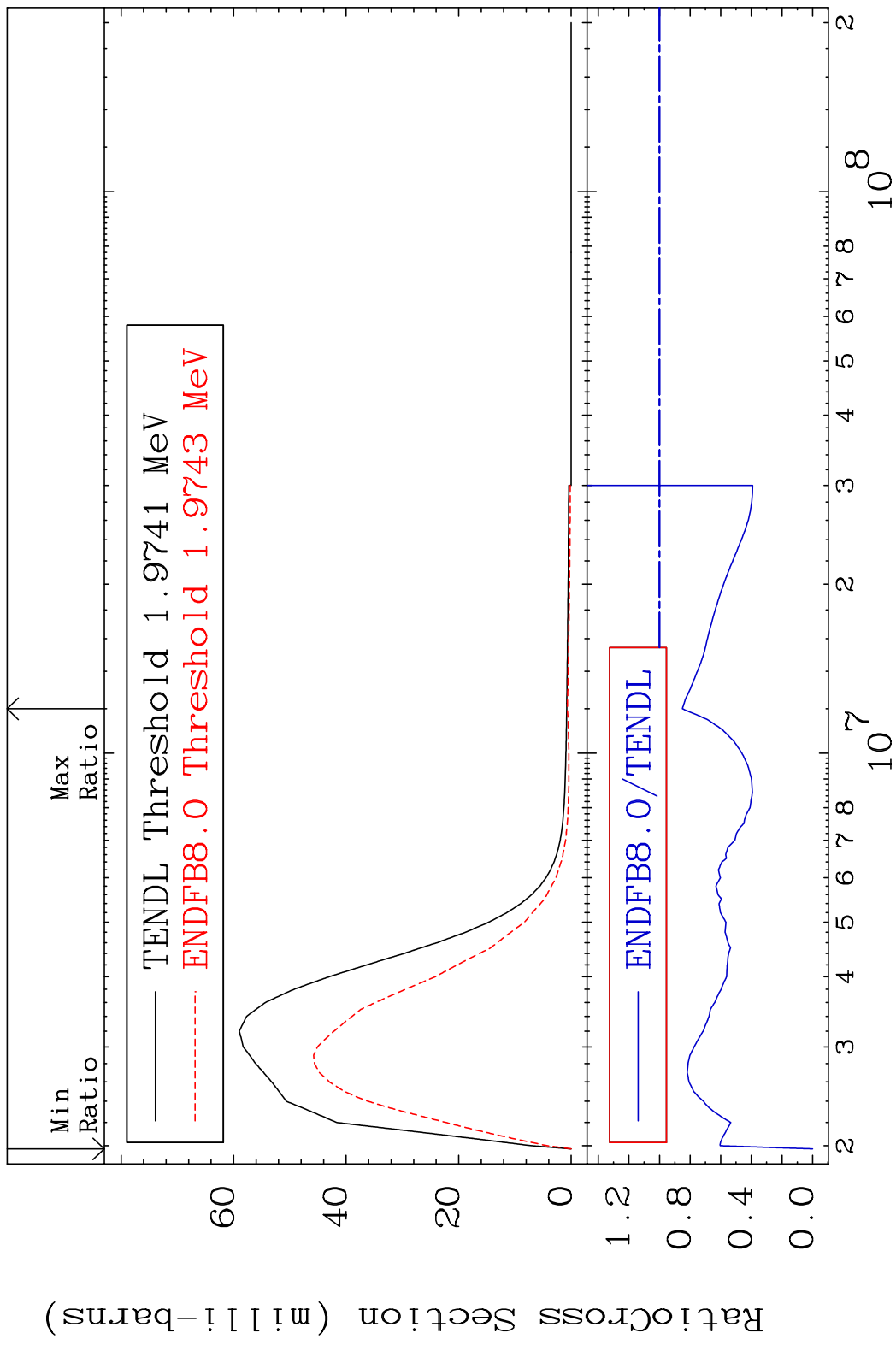


20 46-Pd-108

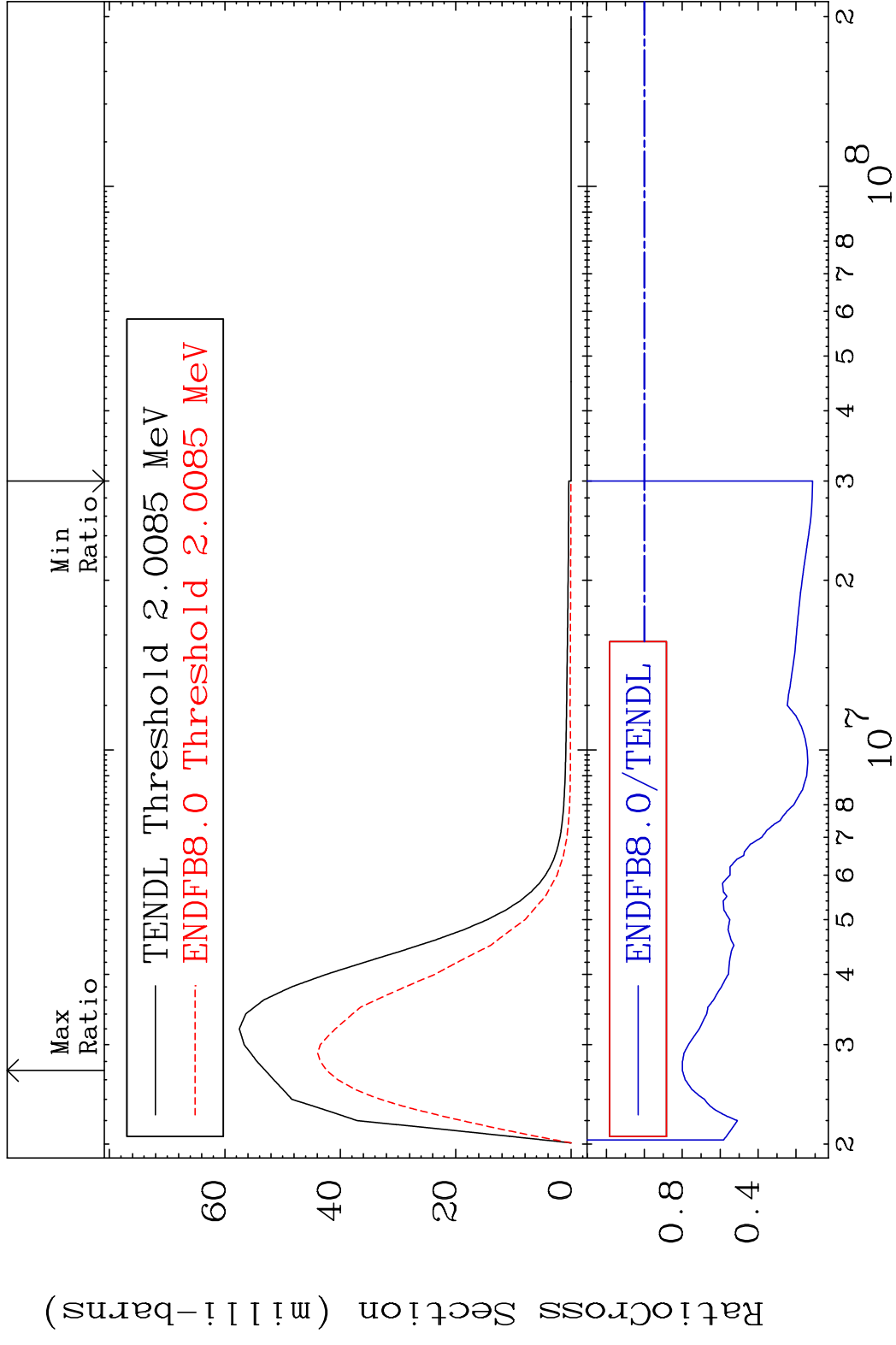
MAT 4643 MT= 60 (n, n') Level 46-Pd-108
 Cross Section -100.0 To 65.77 %



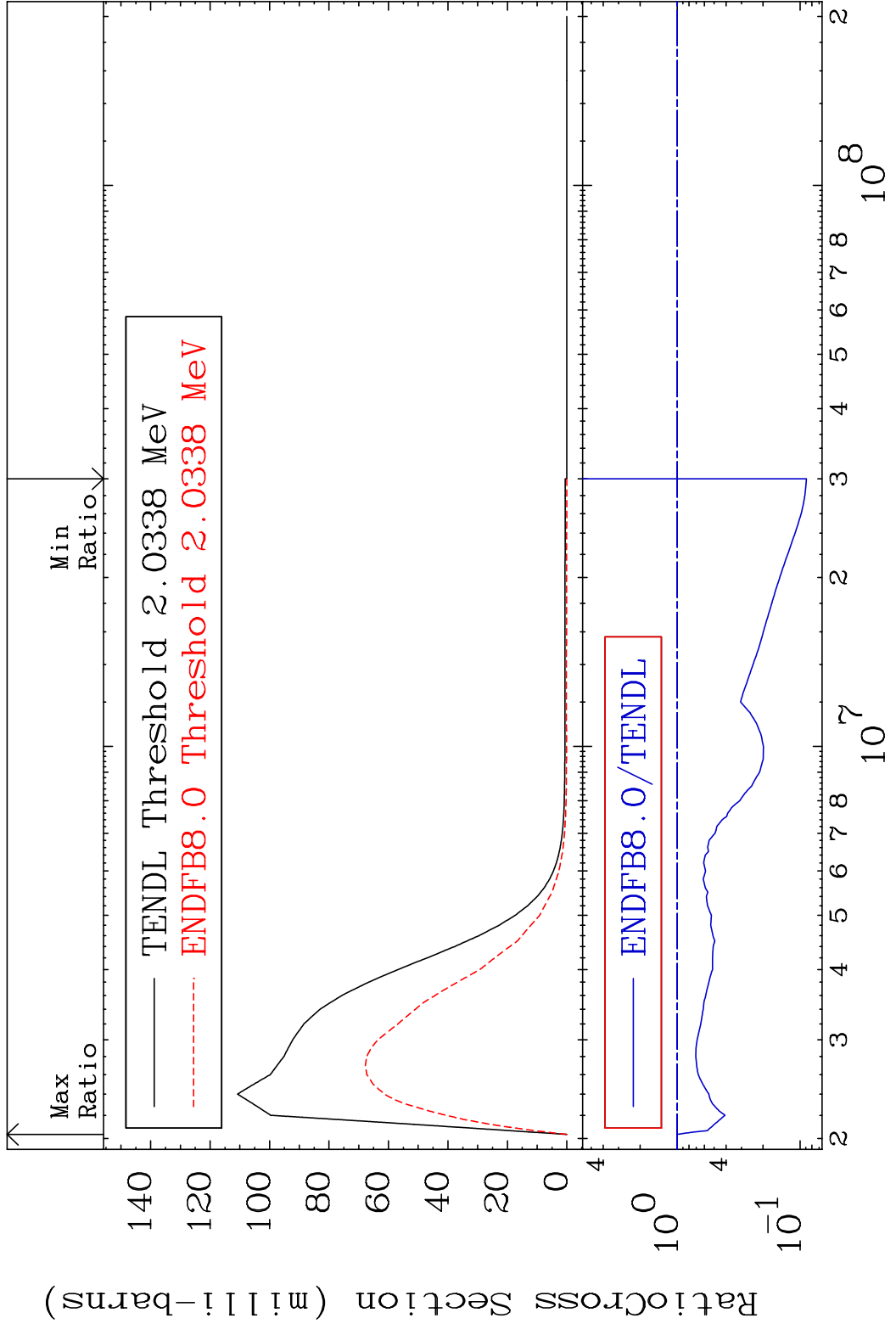
MAT 4643 MT= 61 (n, n') Level 46-Pd-108
 Cross Section -100.0 To -14.94%



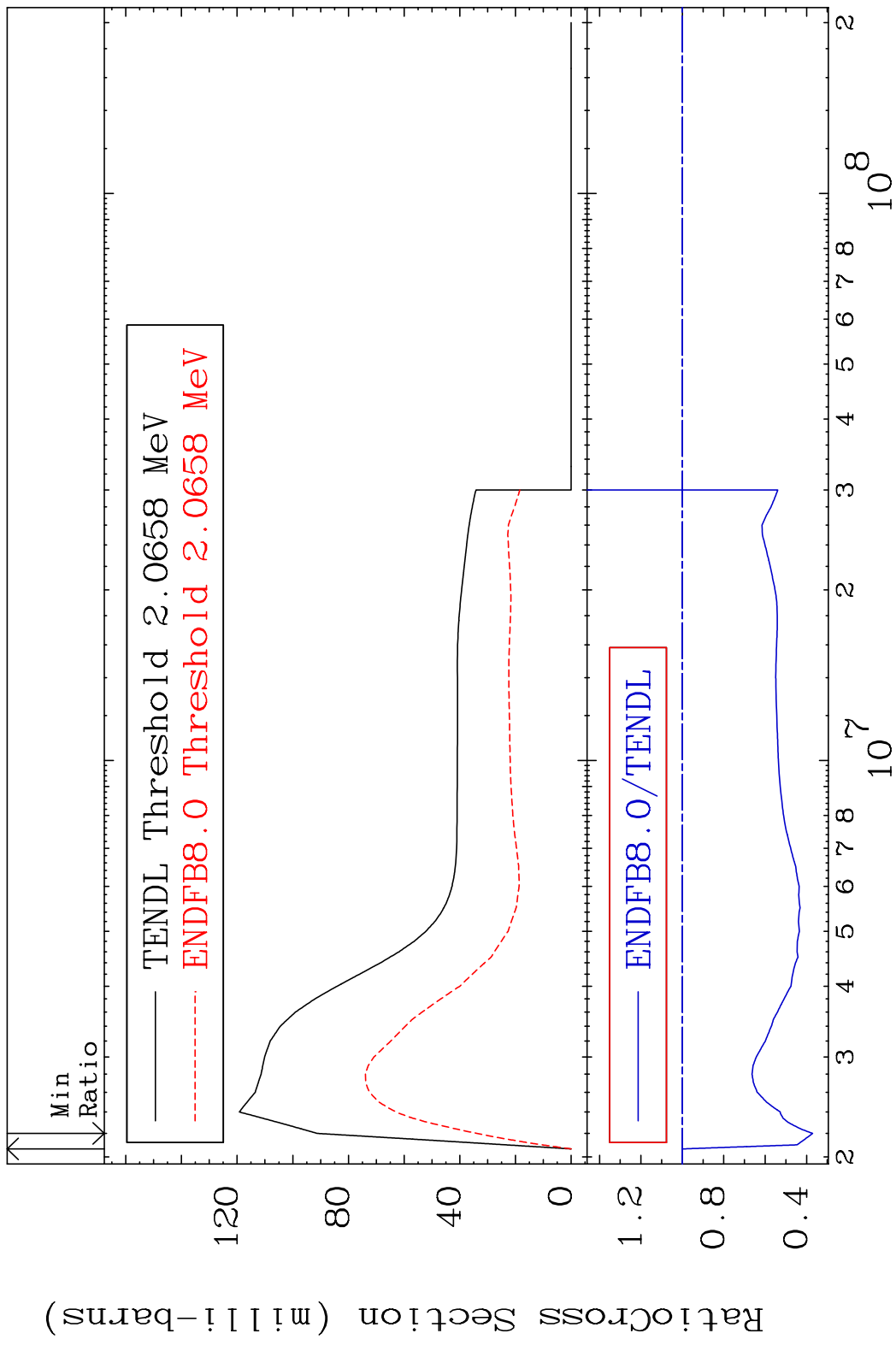
MAT 4643 MT= 62 (n, n') Level 46-Pd-108
 Cross Section -88.71 To -20.07%



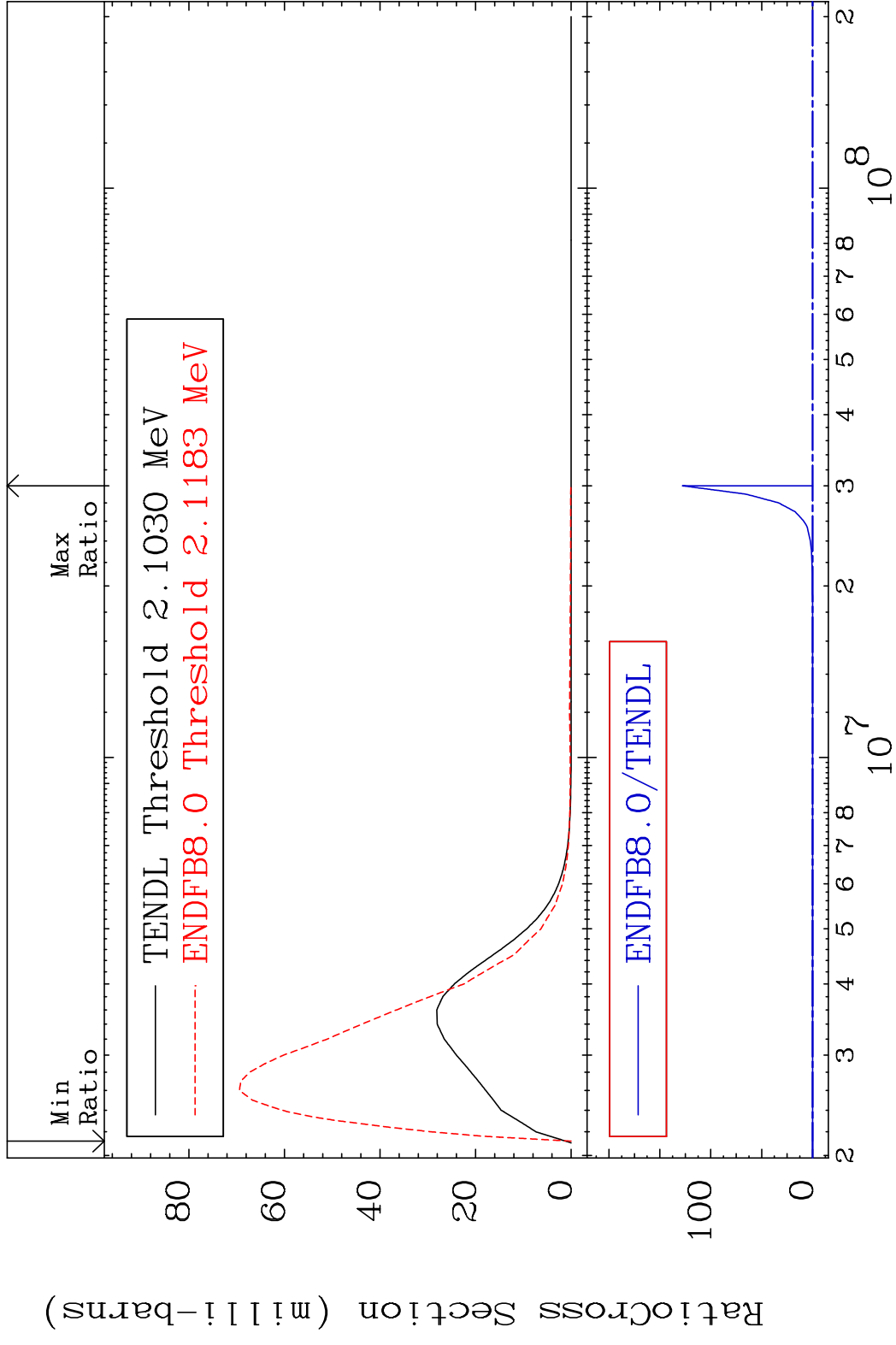
MAT 4643 MT= 63 (n, n') Level 46-Pd-108
 Cross Section -91.12 To 0.000 %



MAT 4643 MT= 64 (n,n') Level 46-Pd-108
 Cross Section -62.88 To 0.000 %

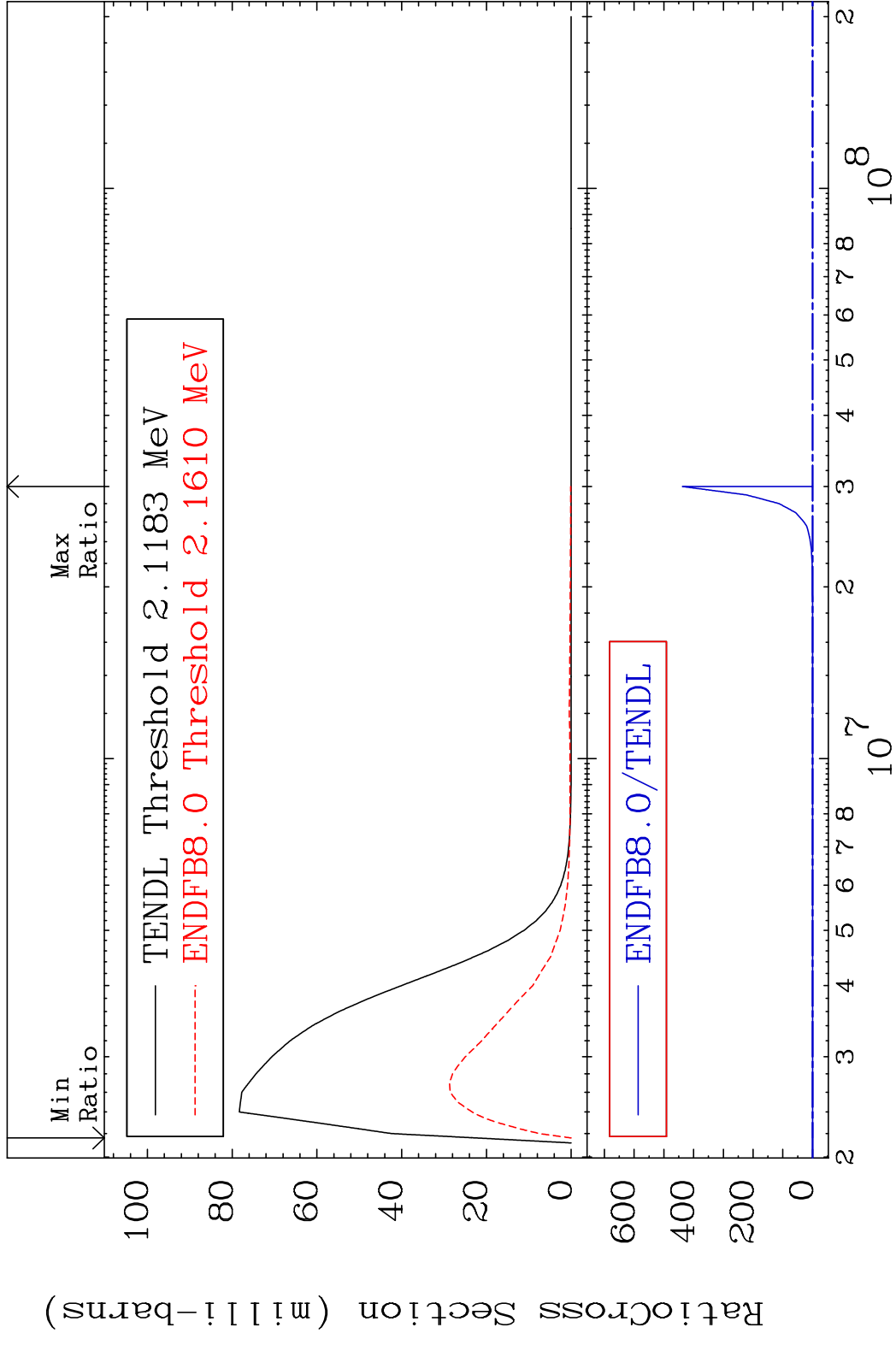


MAT 4643 MT= 65 (n, n') Level 46-Pd-108
 Cross Section -100.0 To 9999. %

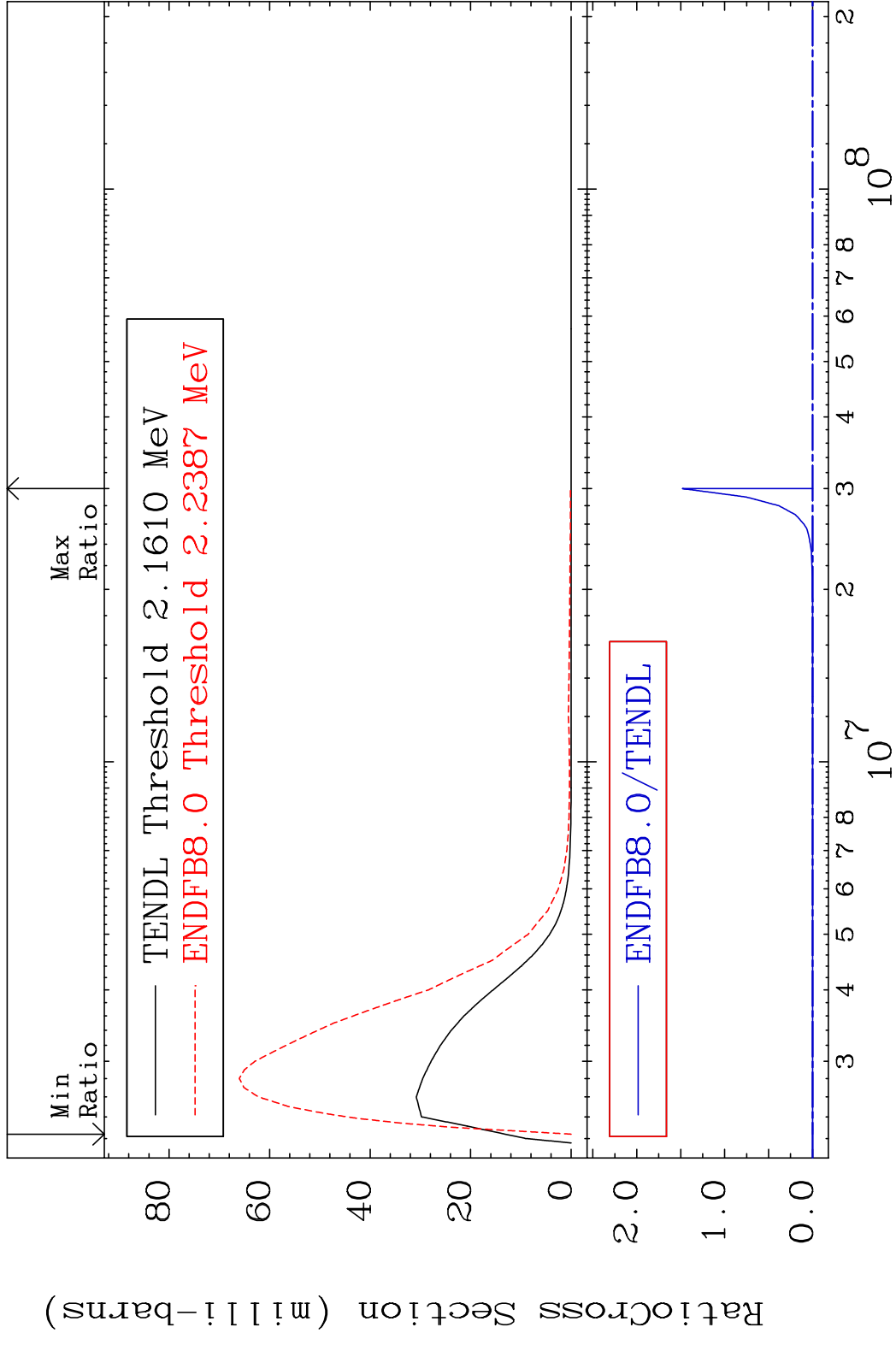


26 Incident Energy (eV) 46-Pd-108

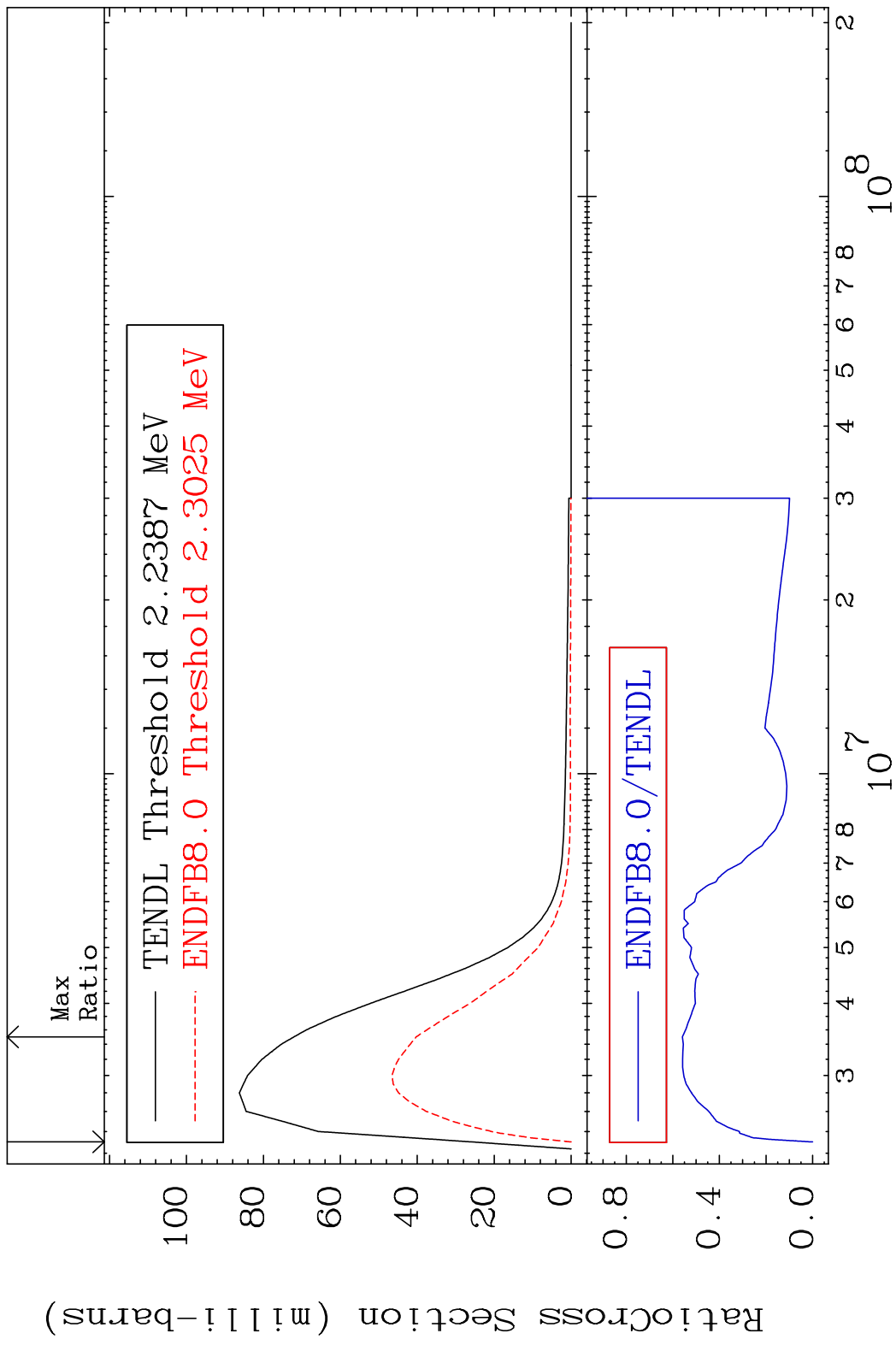
MAT 4643 MT= 66 (n, n') Level 46-Pd-108
 Cross Section -100.0 To 9999. %



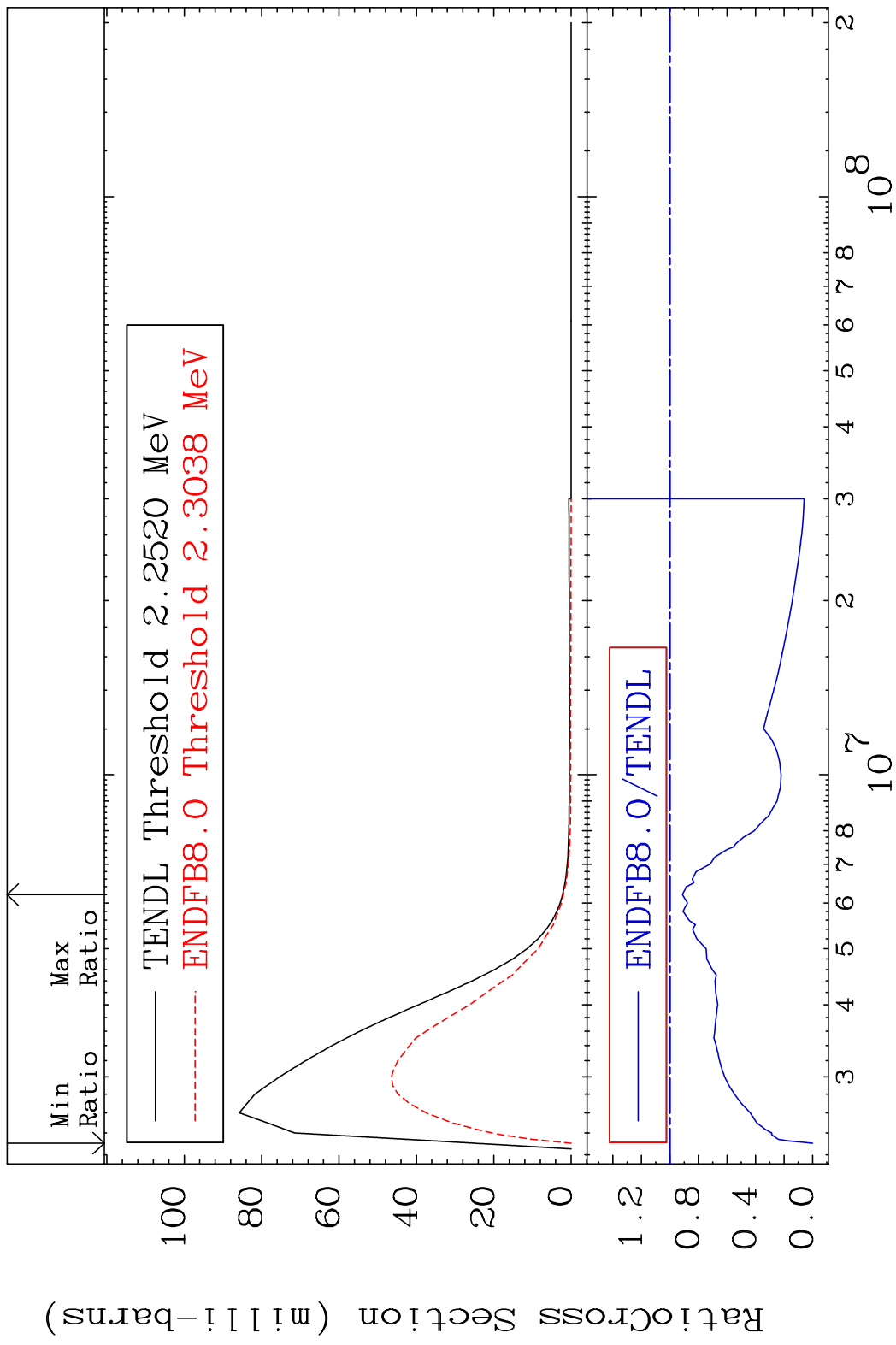
MAT 4643 MT= 67 (n, n') Level 46-Pd-108
 Cross Section -100.0 To 9999. %



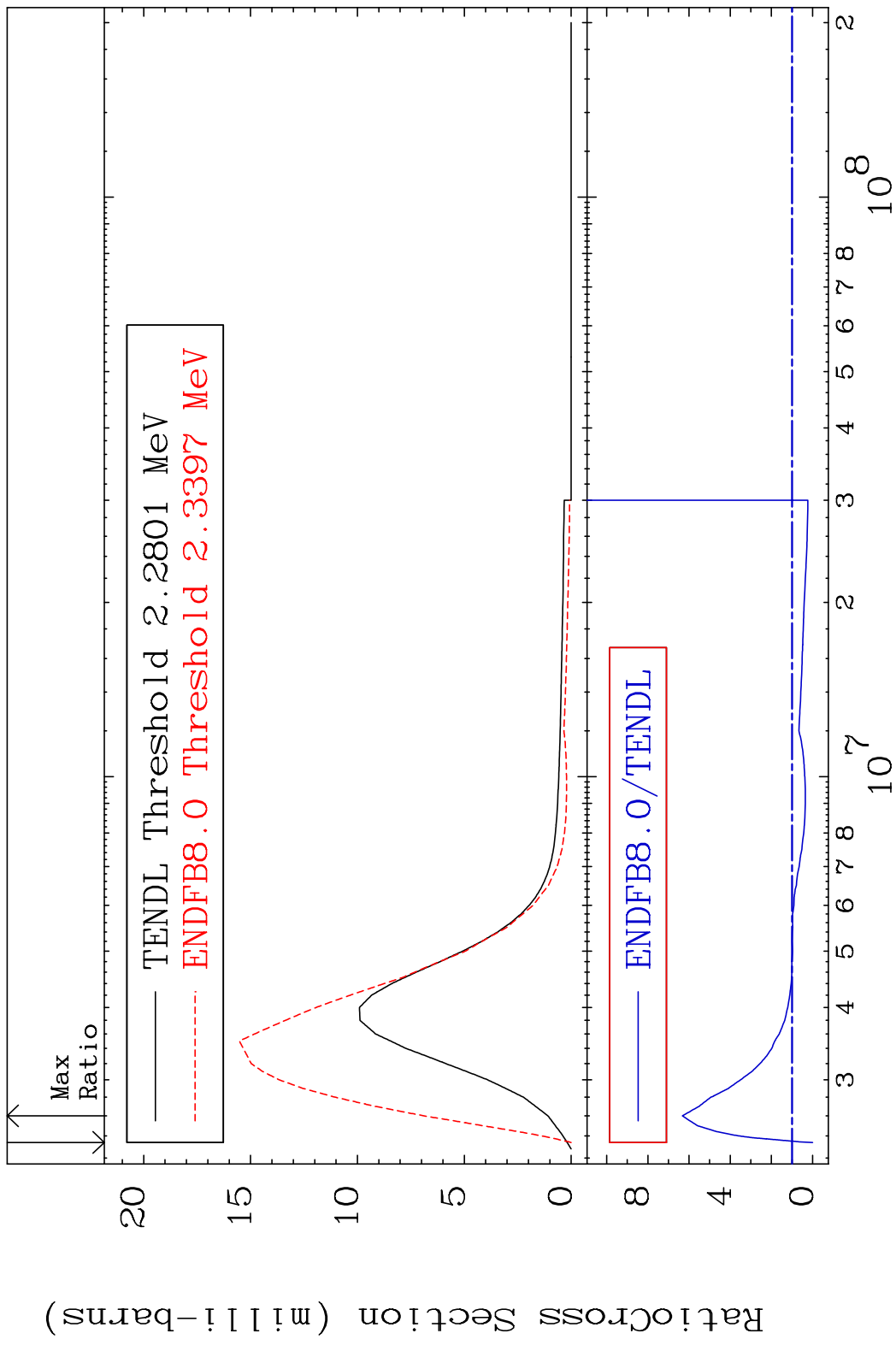
MAT 4643 MT= 68 (n,n') Level 46-Pd-108
 Cross Section -100.0 To -44.08%



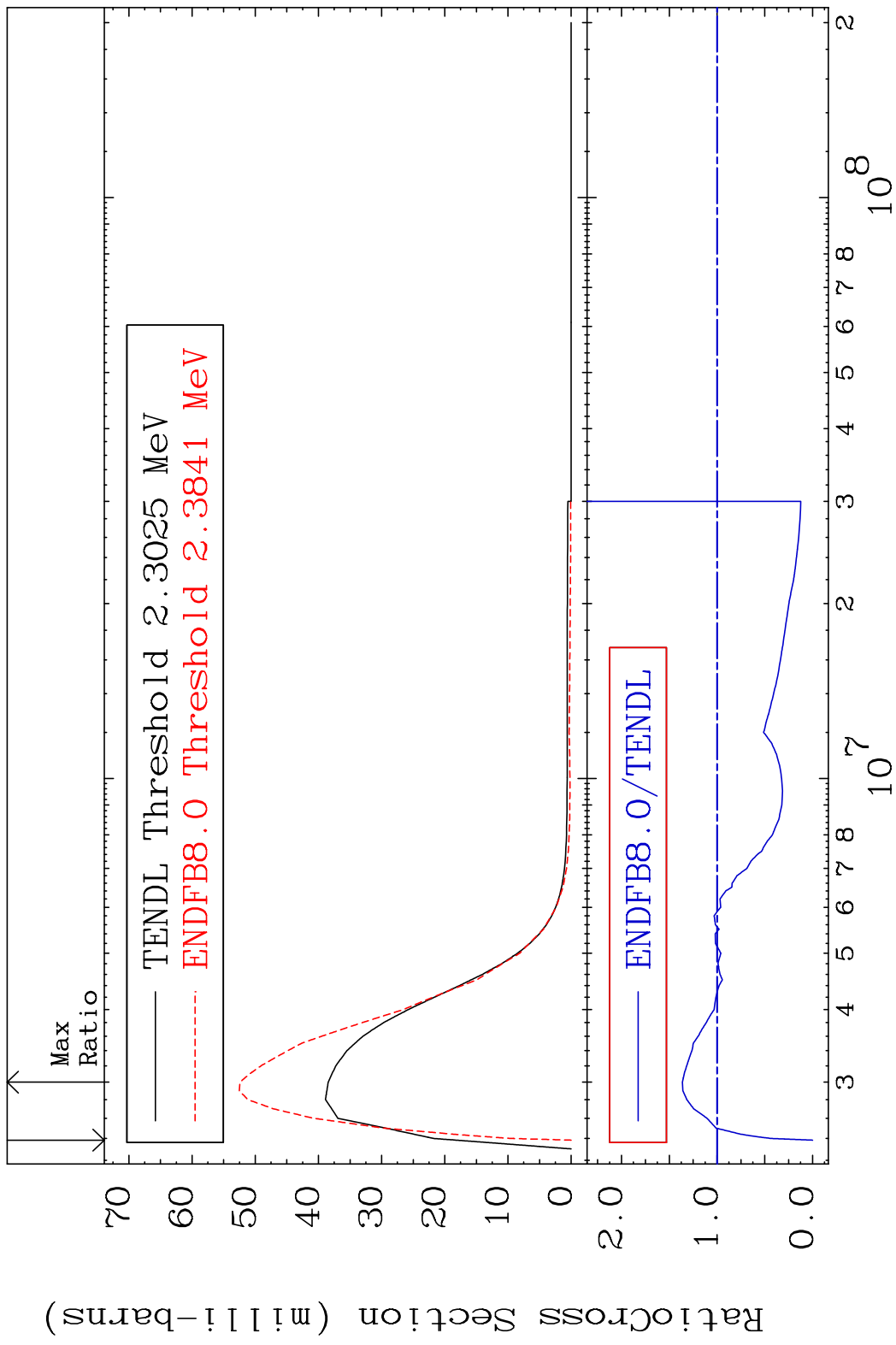
MAT 4643 MT= 69 (n,n') Level 46-Pd-108
 Cross Section -100.0 To -8.703%



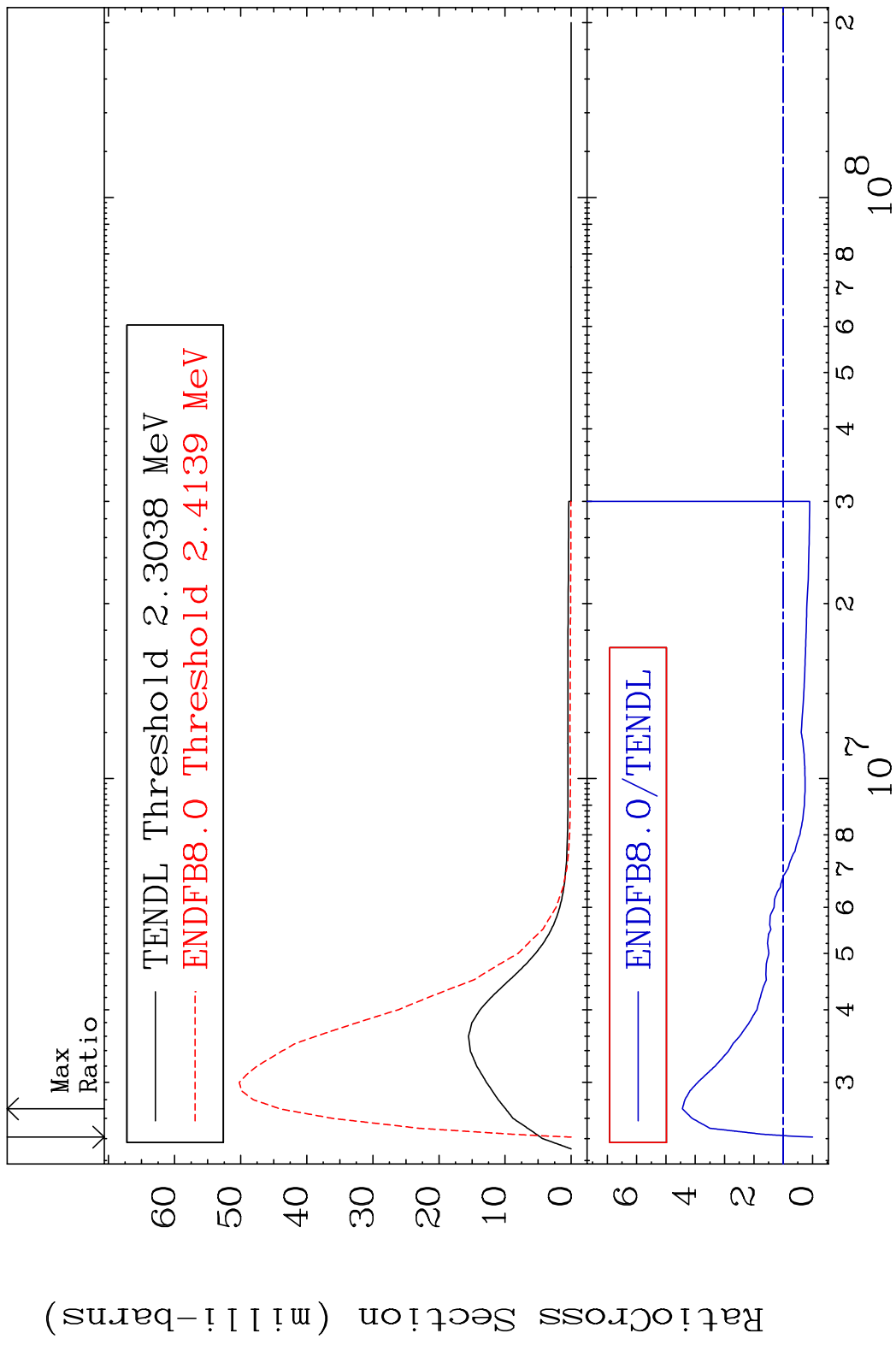
MAT 4643 MT= 70 (n,n') Level 46-Pd-108
 Cross Section -100.0 To 532.5 %



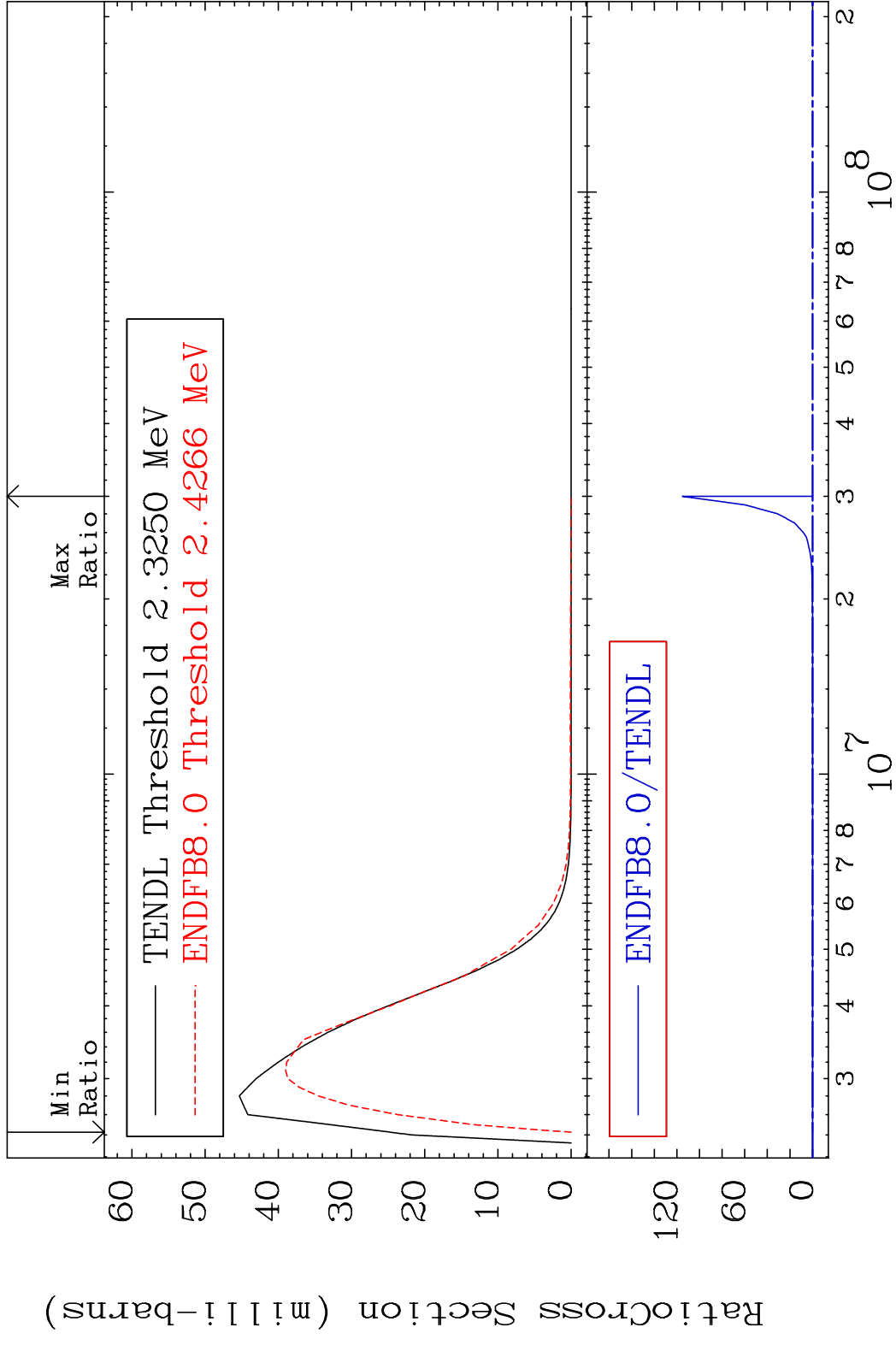
MAT 4643 MT= 71 (n,n') Level 46-Pd-108
 Cross Section -100.0 To 36.31 %



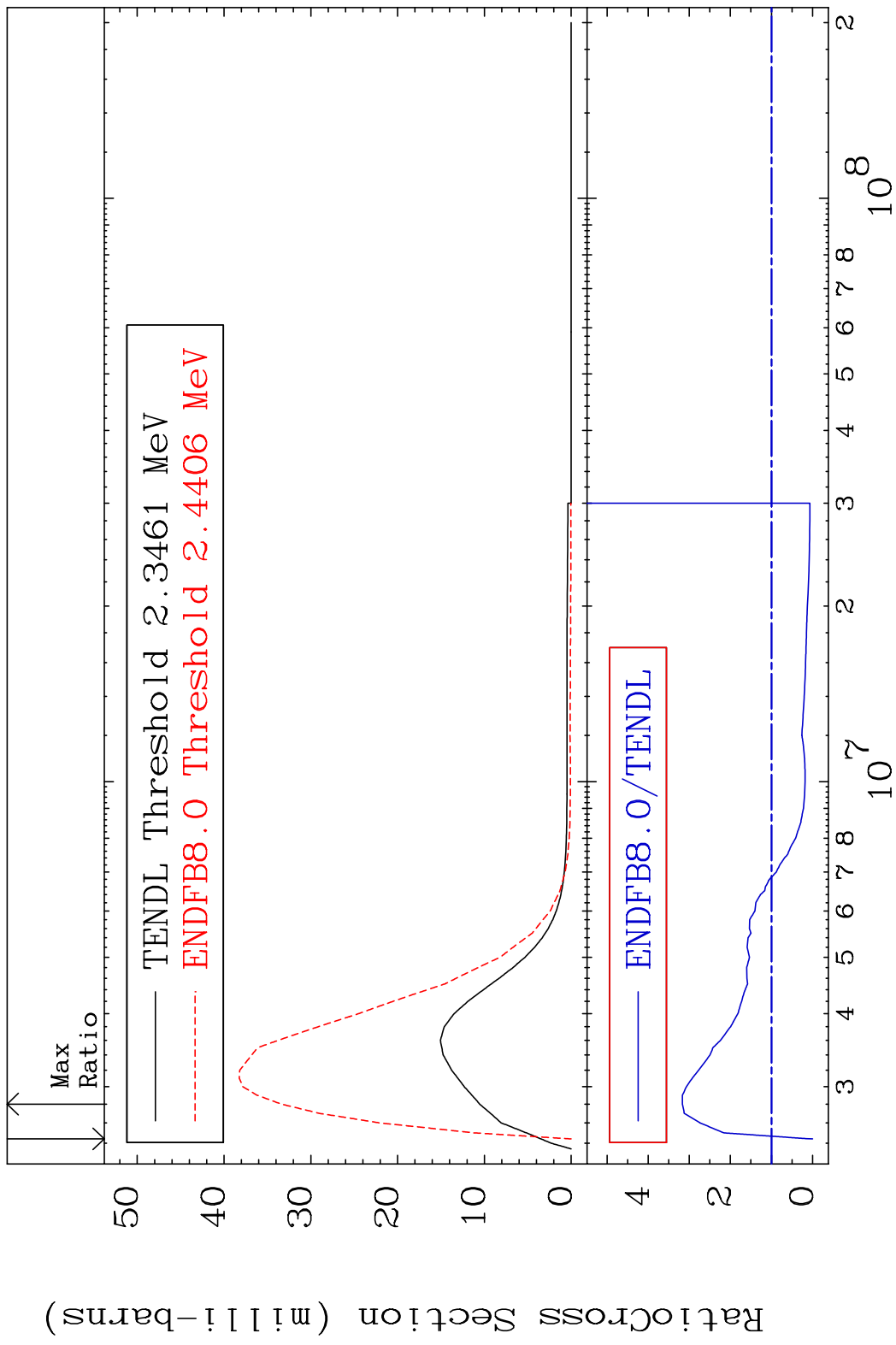
MAT 4643 MT= 72 (n,n') Level 46-Pd-108
 Cross Section -100.0 To 344.1 %



MAT 4643 MT= 73 (n, n') Level 46-Pd-108
 Cross Section -100.0 To 9999. %



MAT 4643 MT= 74 (n,n') Level 46-Pd-108
 Cross Section -100.0 To 216.8 %



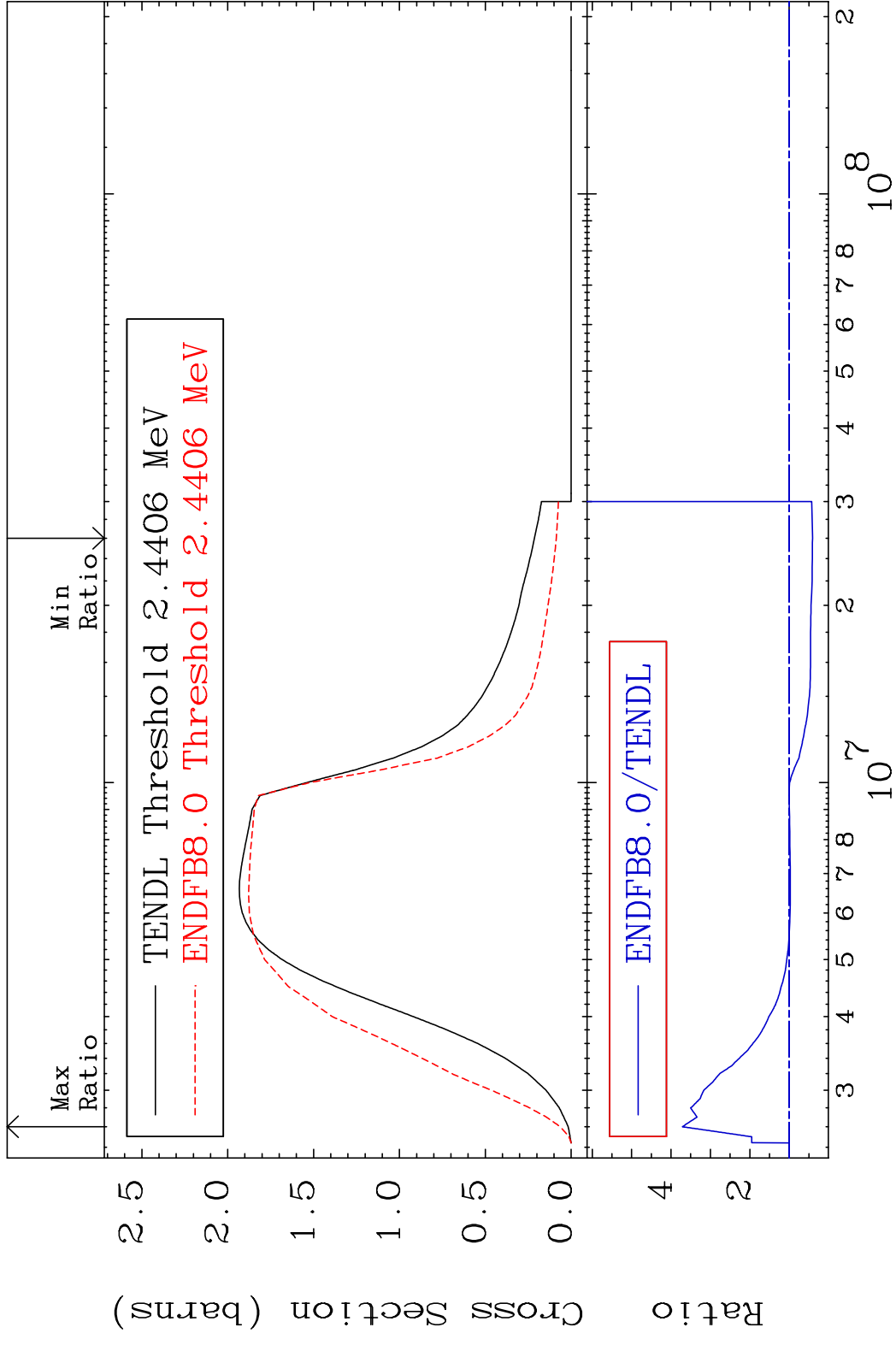
35 46-Pd-108

MAT 4643

(n, n') Continuum

46-Pd-108

Cross Section -59.39 To 271.2 %

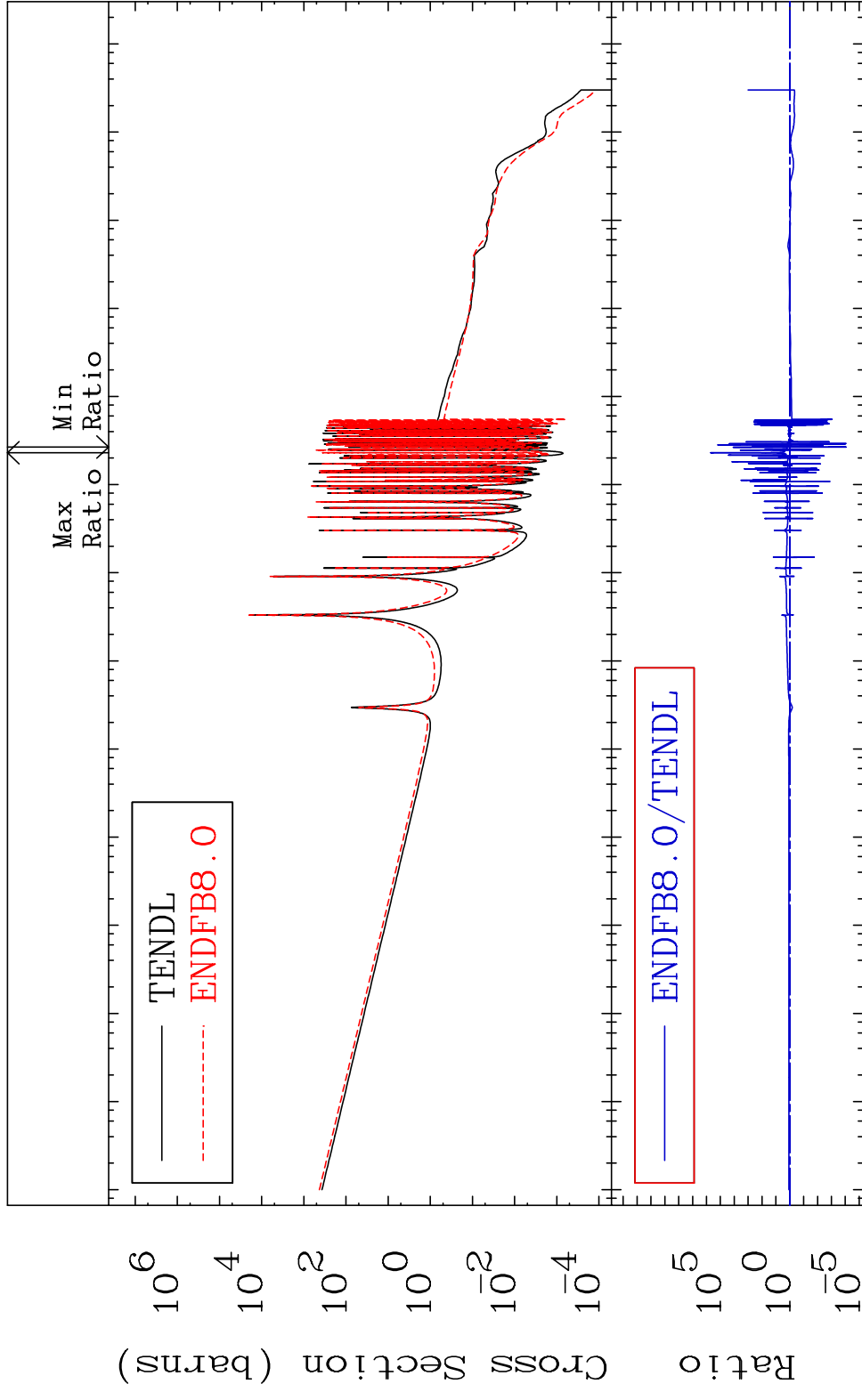


MAT 4643

46-Pd-108

(n, γ)

Cross Section -99.99 To 9999. %

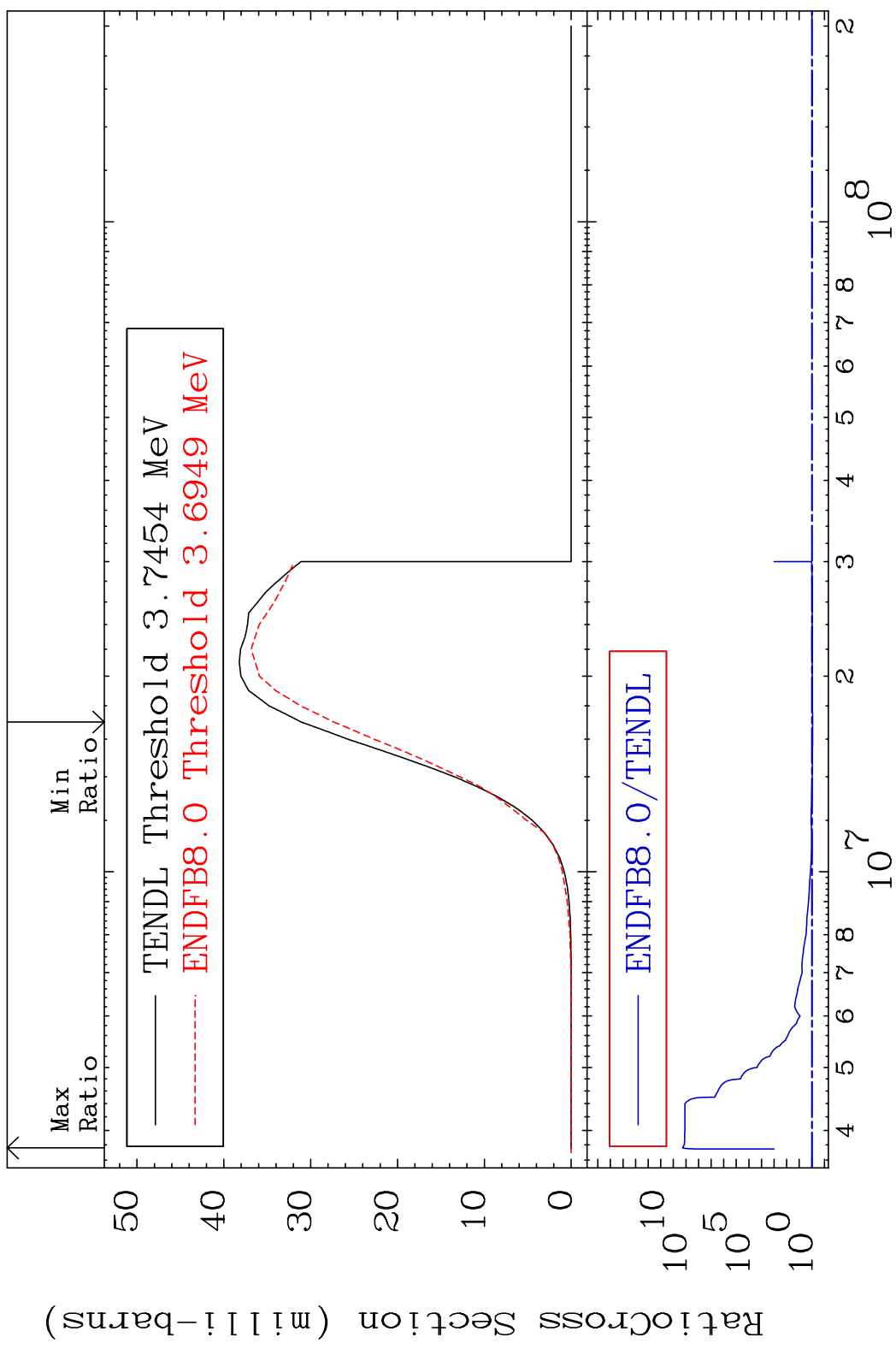


MAT 4643

(n,p)

46-Pd-108

Cross Section -12.04 To 9999. %

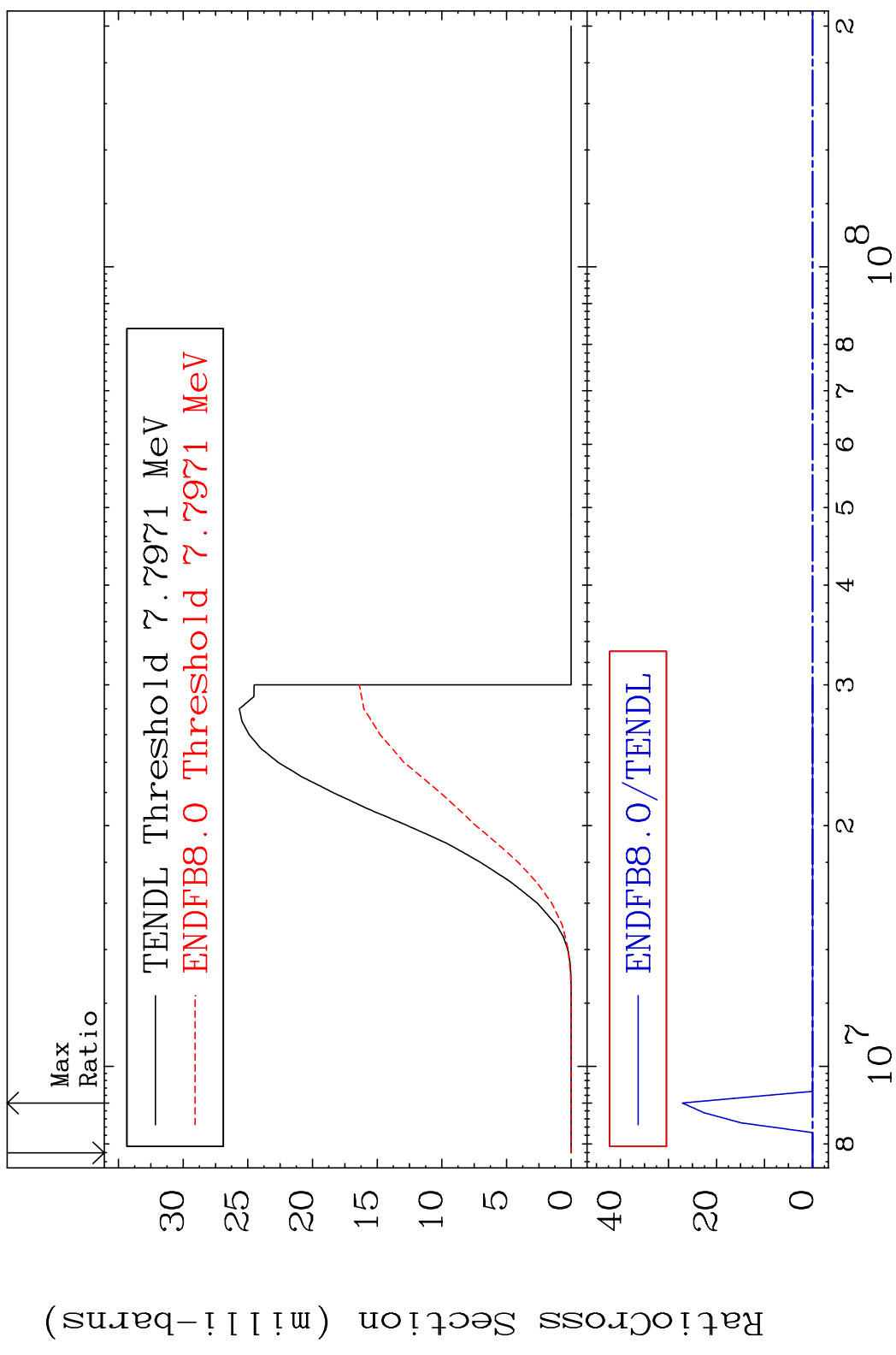


MAT 4643

(n,d)

46-Pd-108

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

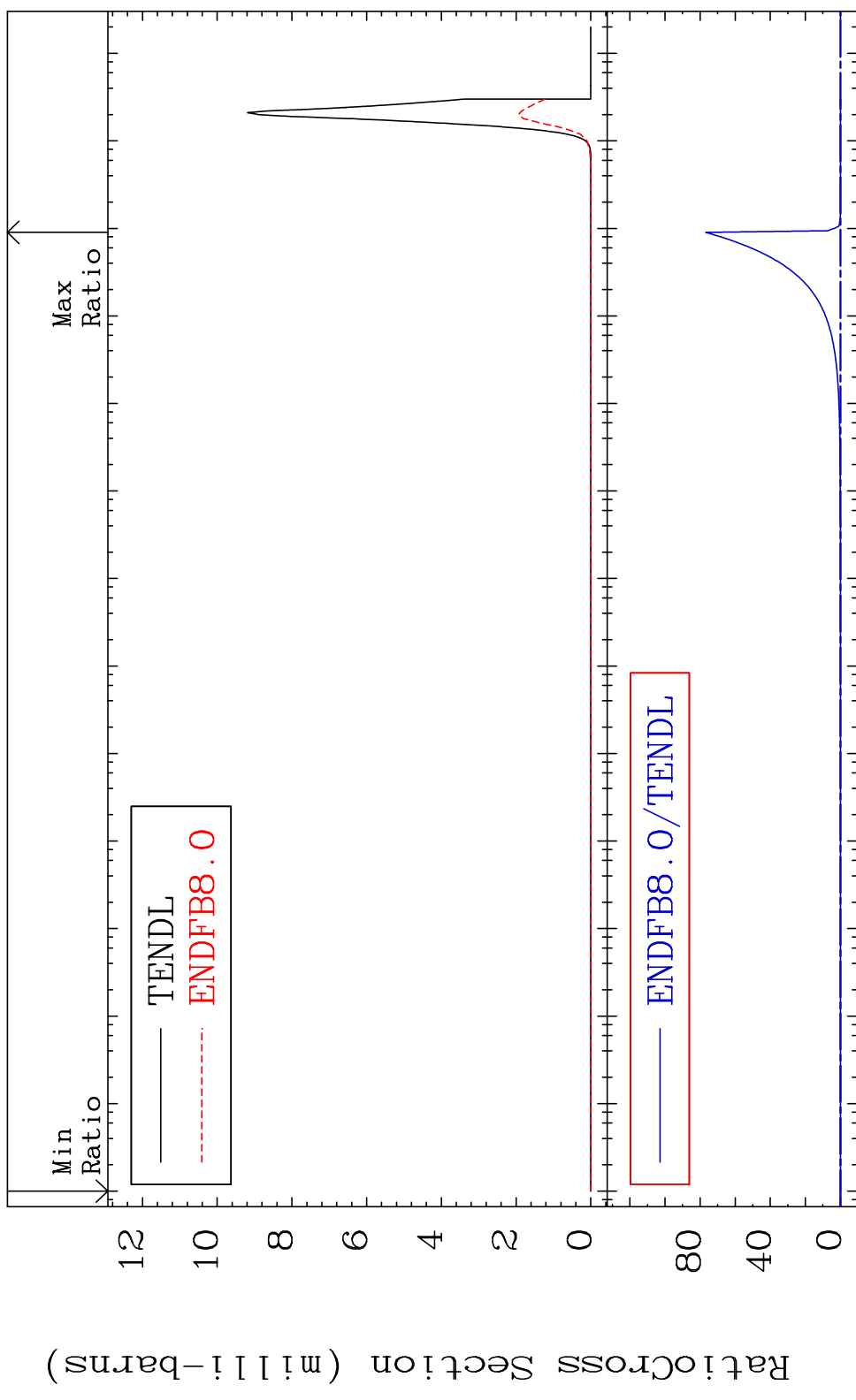
46-Pd-108

MAT 4643

(n, α)

46-Pd-108

Cross Section -100.0 To 9999. %



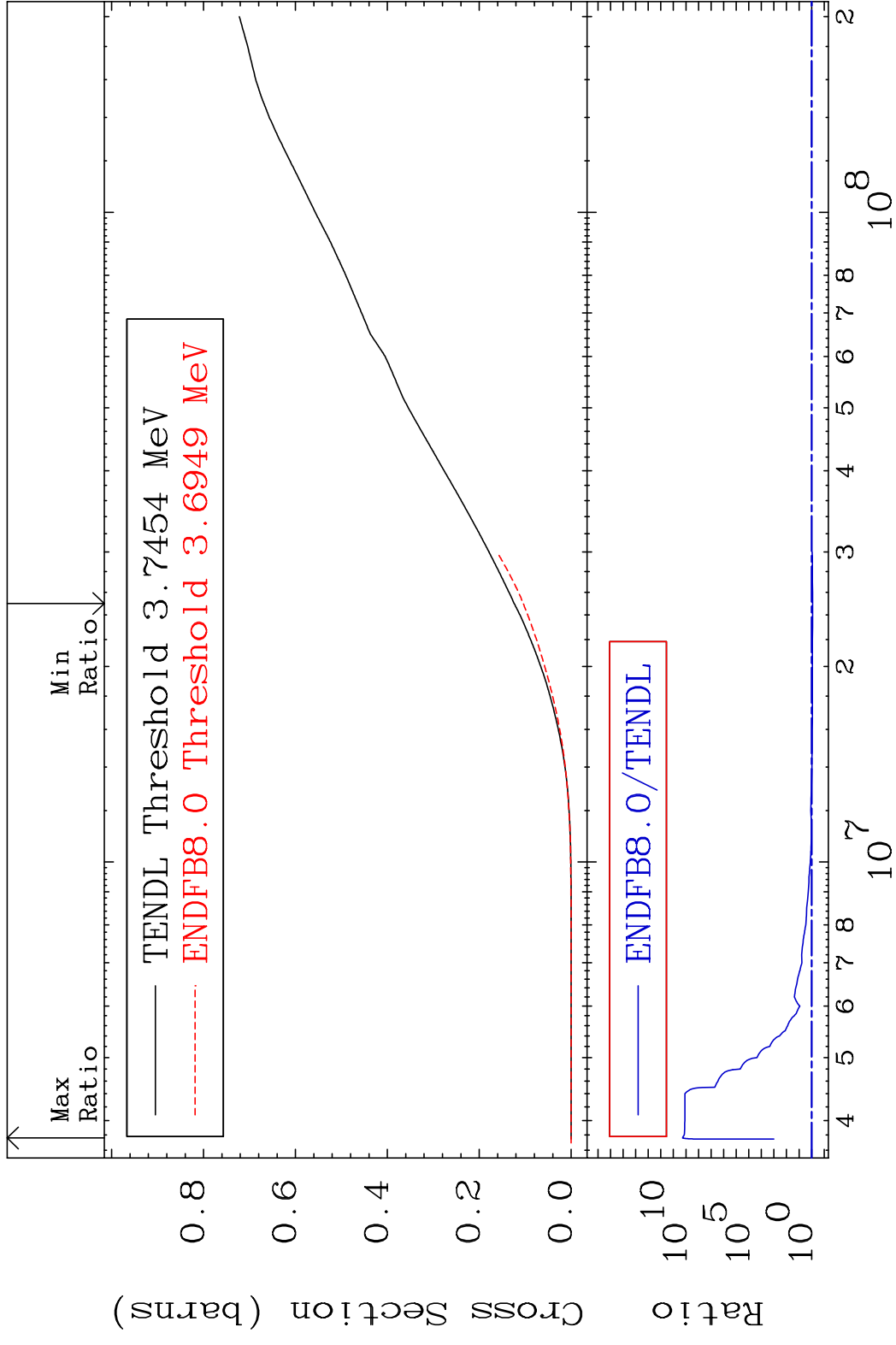
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

40

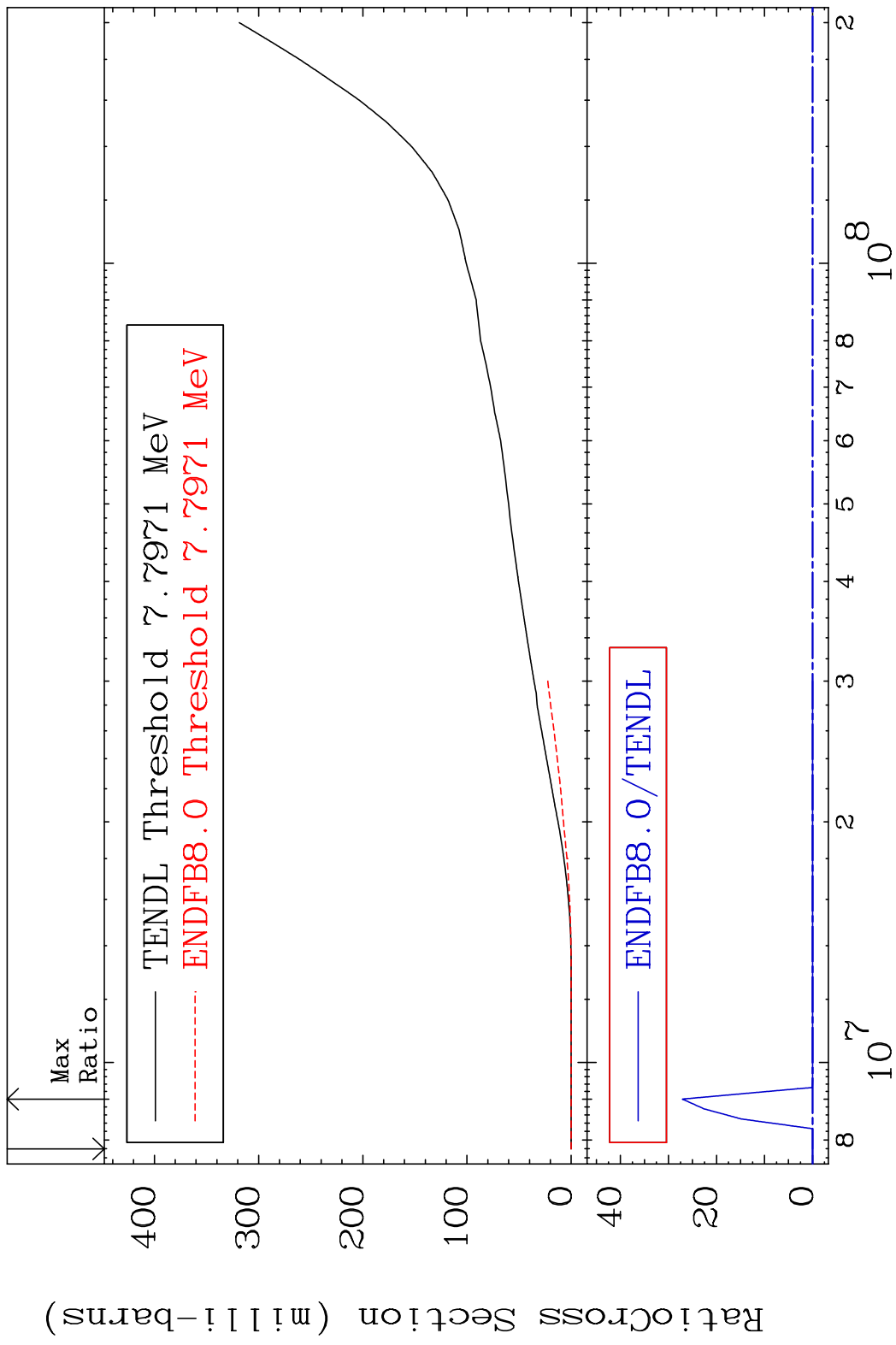
Incident Energy (eV)

46-Pd-108

MAT 4643 Hydrogen Production 46-Pd-108
 Cross Section -15.86 To 9999. %



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



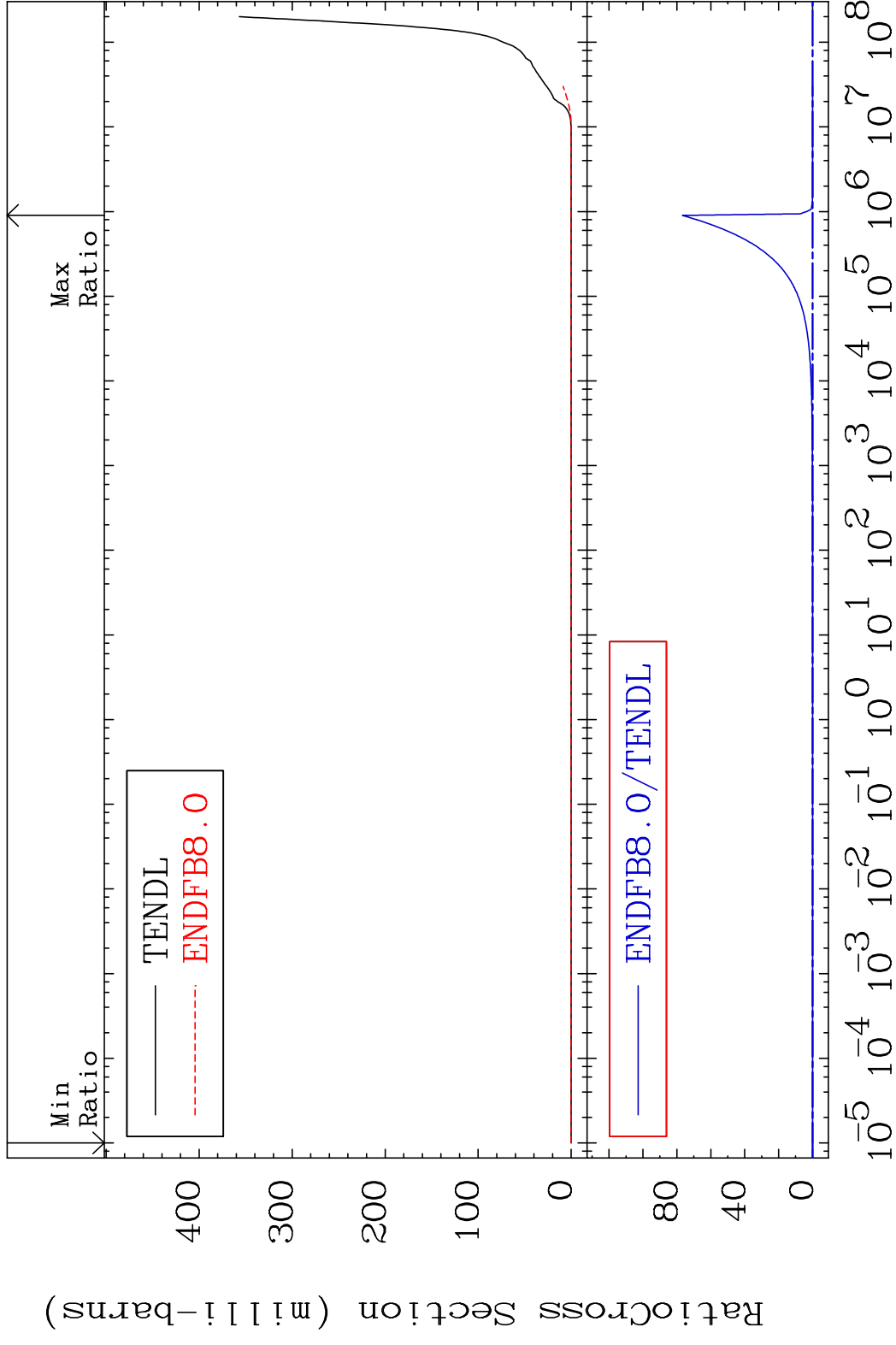
42 Incident Energy (eV) 46-Pd-108

MAT 4643

He-4 Production

46-Pd-108

Cross Section -100.0 To 9999. %

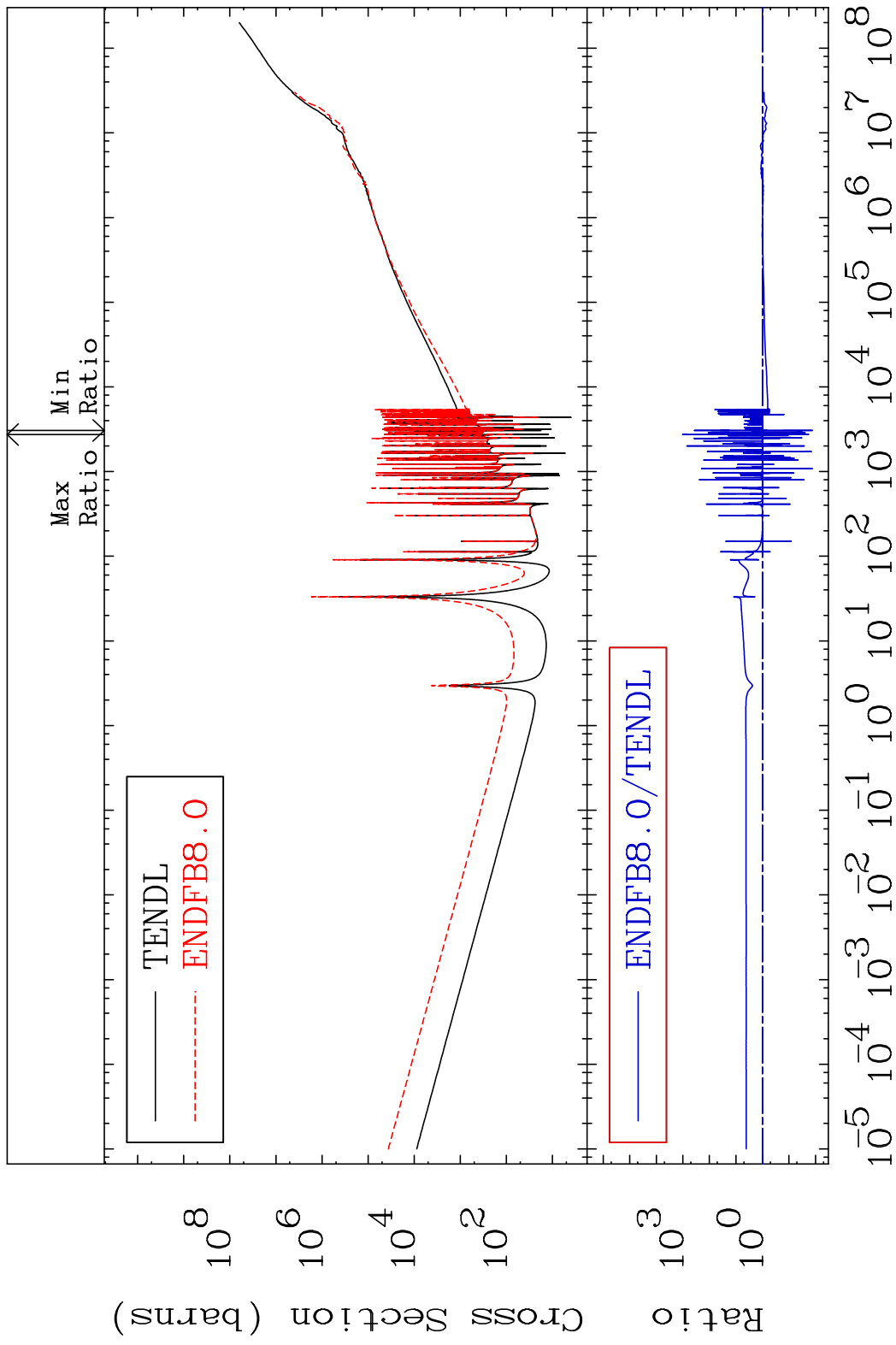


43

Incident Energy (eV)

46-Pd-108

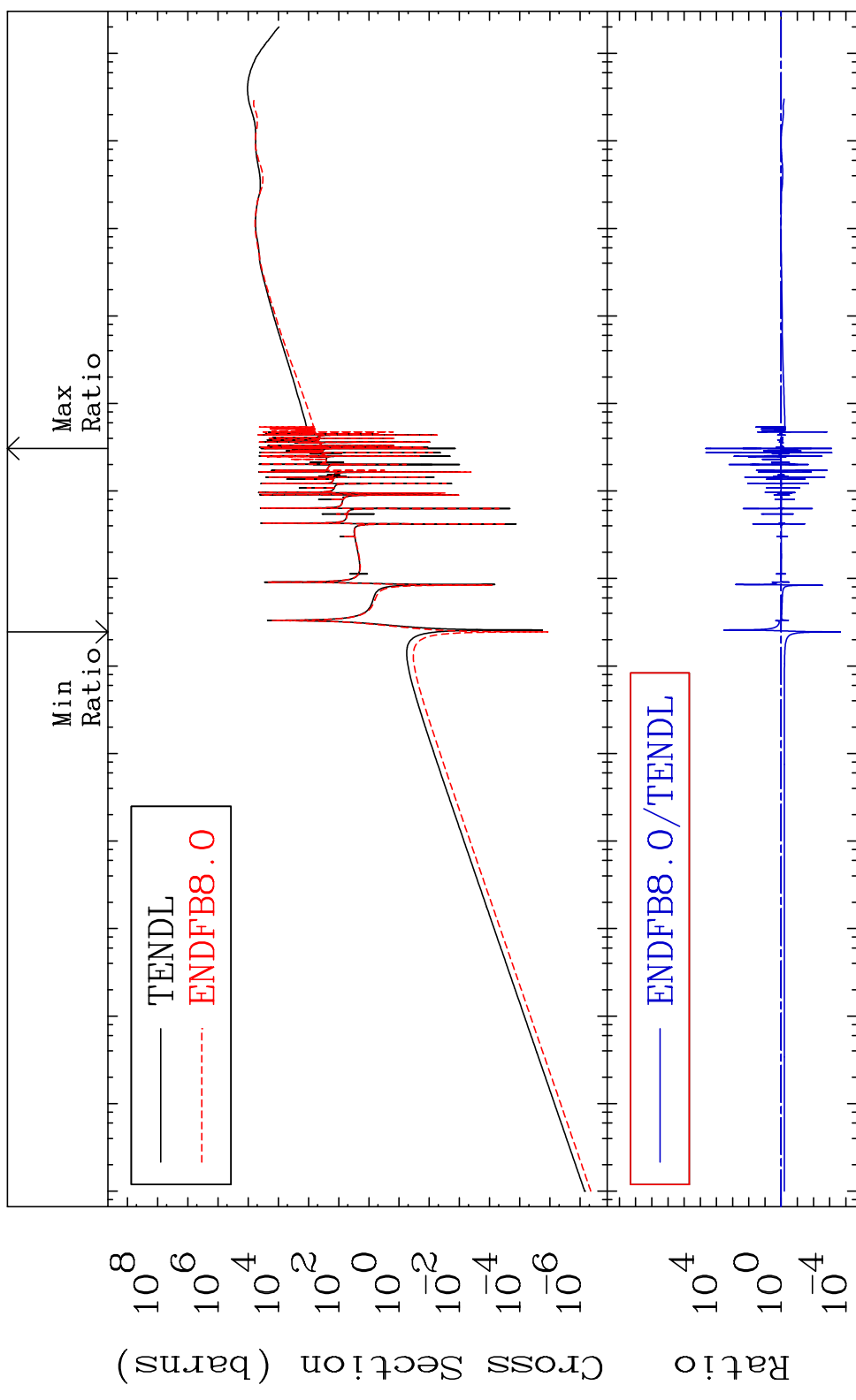
MAT 4643 Kerma total (eV-barns) 46-Pd-108
 Cross Section -98.71 To 9999. %



MAT 4643

Kerma elastic
Cross Section -99.98 To 9999. %

46-Pd-108

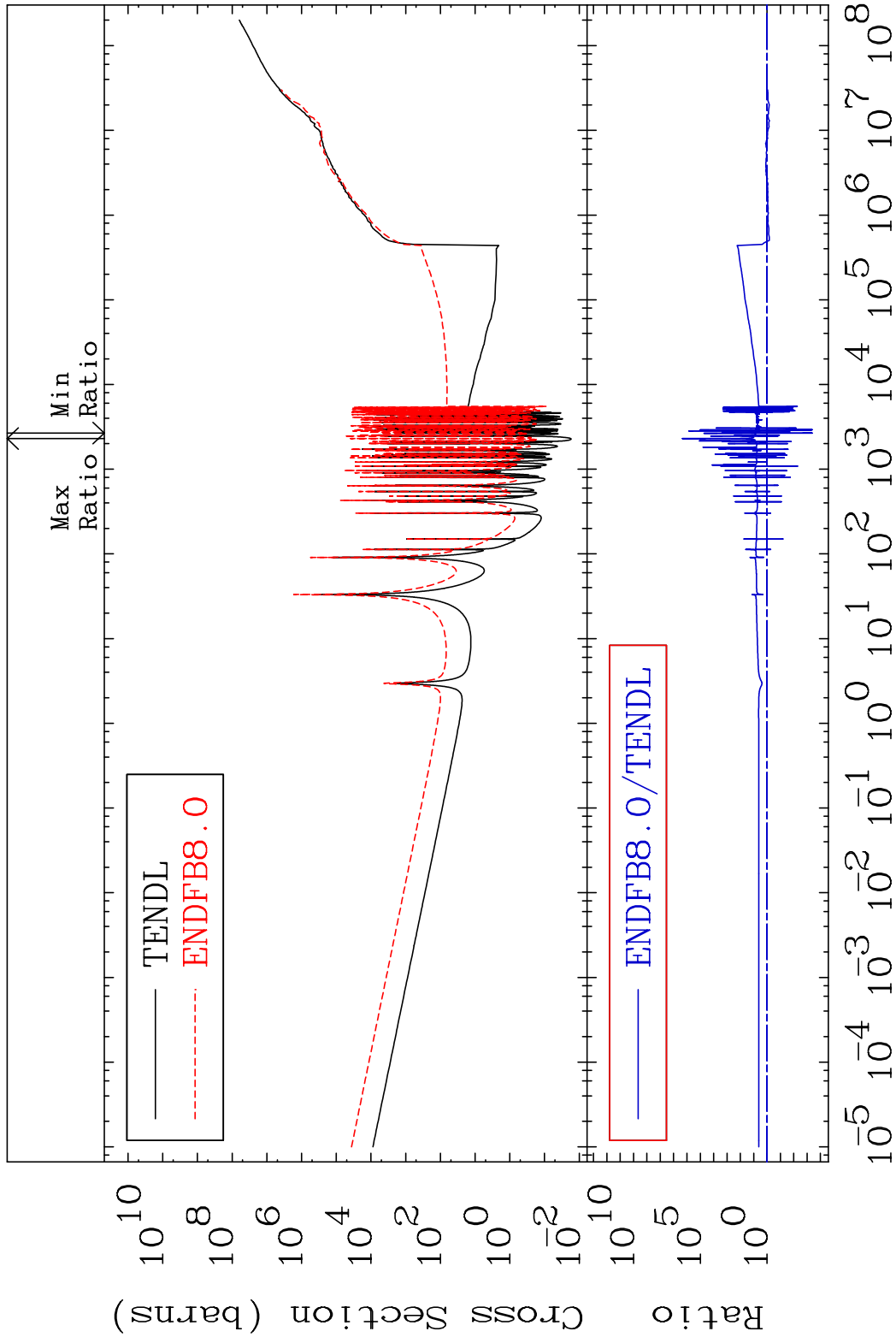


45

Incident Energy (eV)

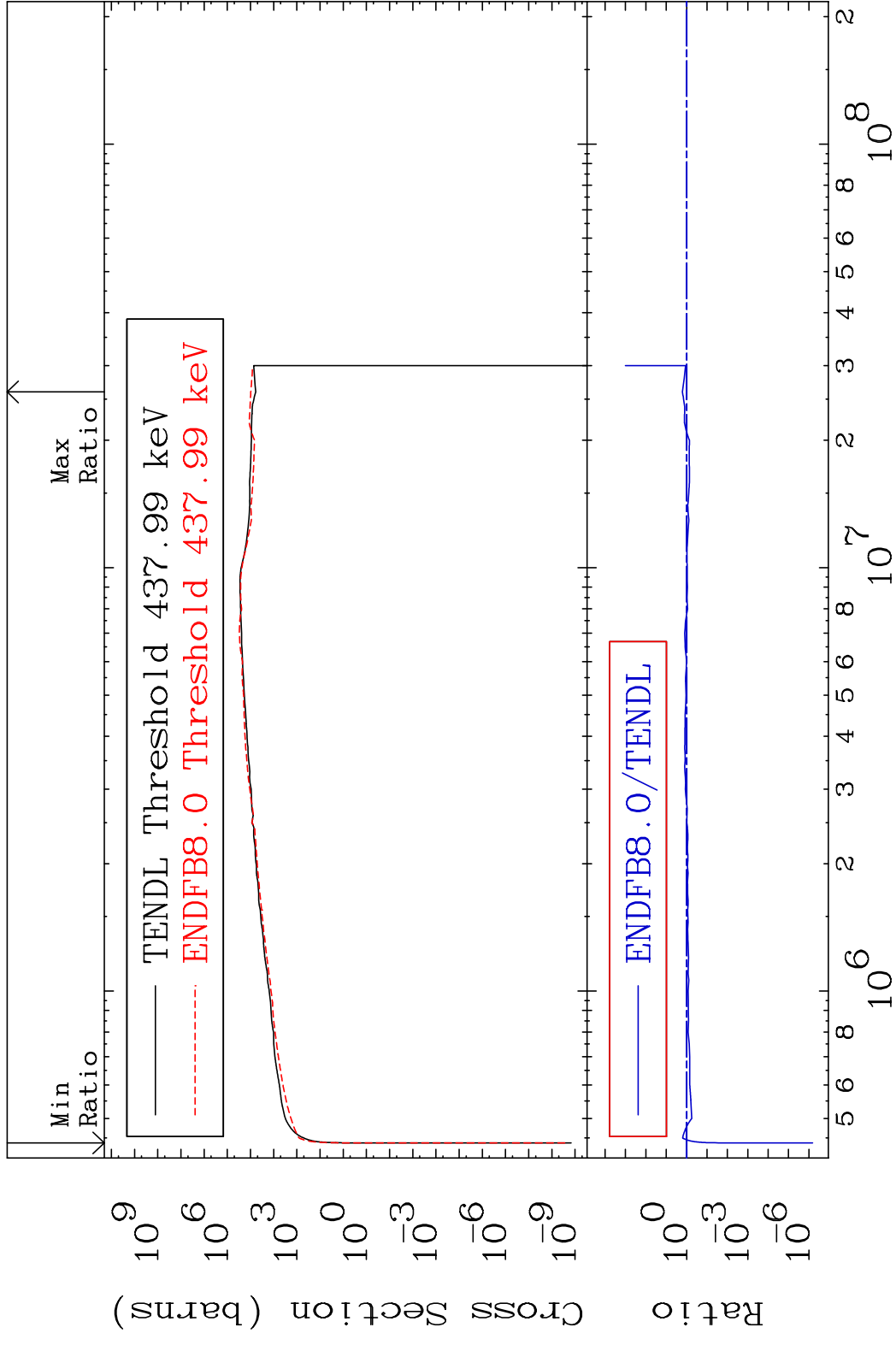
46-Pd-108

MAT 4643 Kerma non-elastic (all but mt2) 46-Pd-108
 Cross Section -99.96 To 9999. %

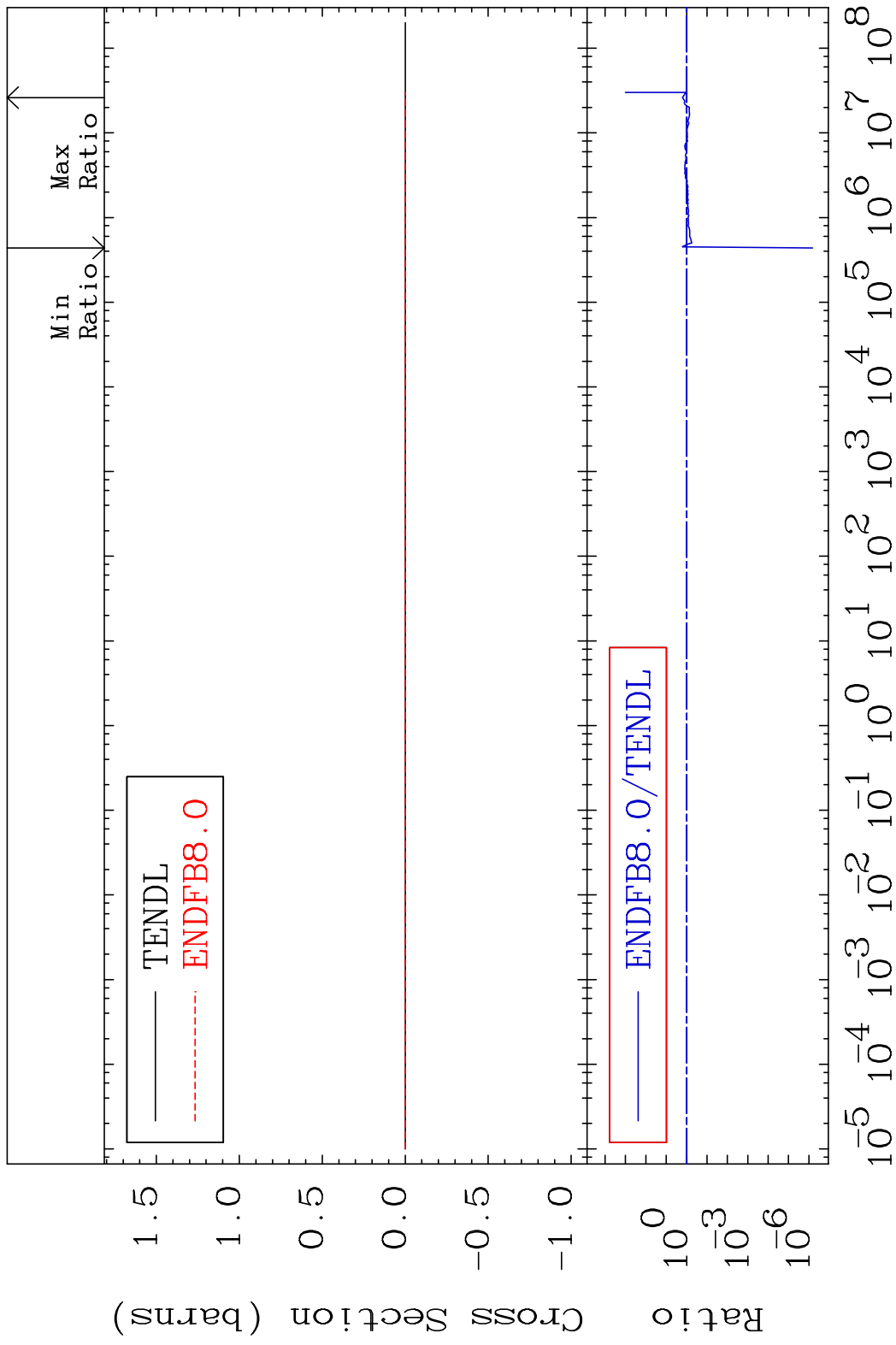


46 Incident Energy (eV) 46-Pd-108

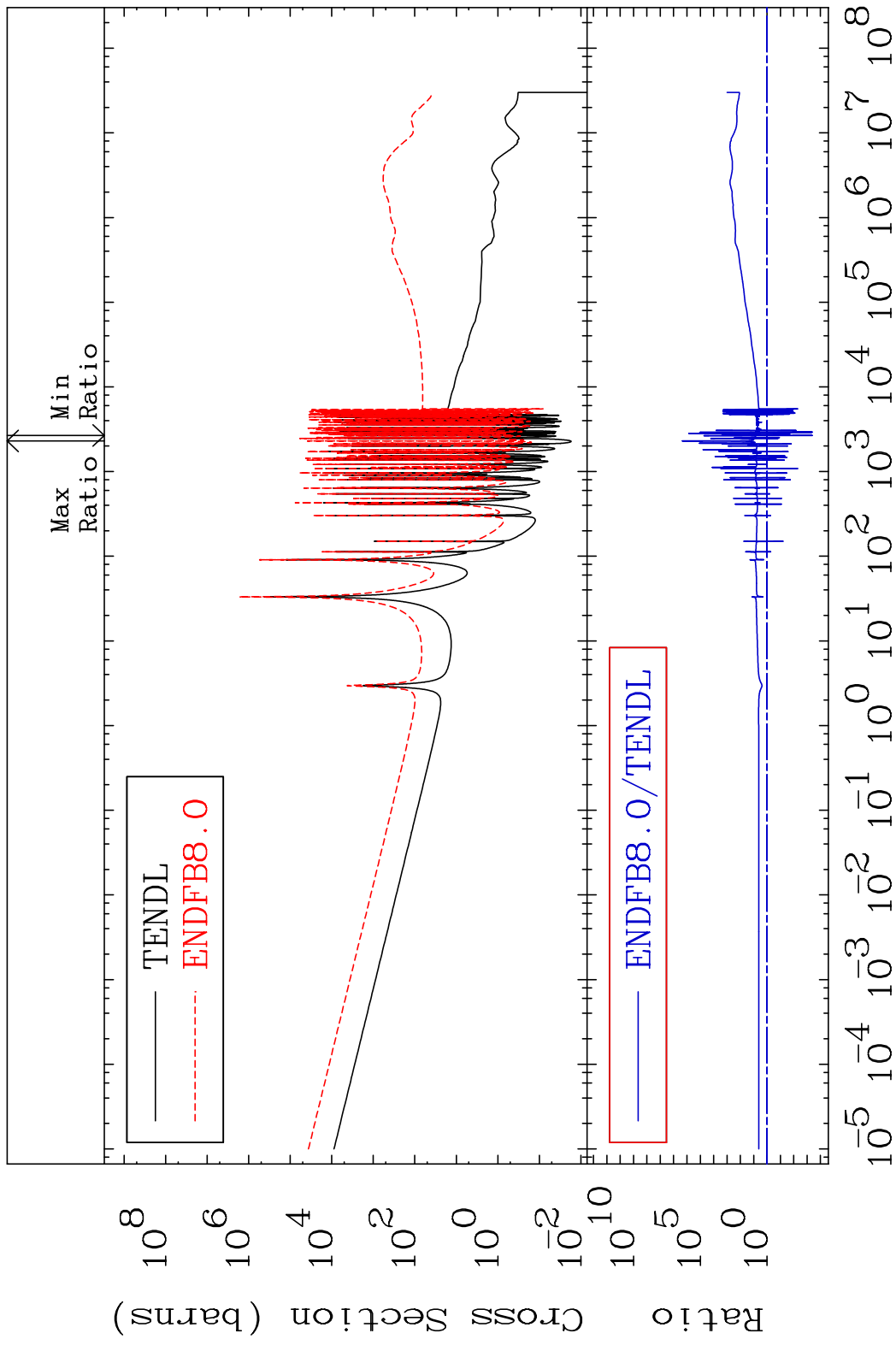
MAT 4643 Kerma inelastic (mt51-91) 46-Pd-108
 Cross Section -100.0 To 62.02 %



MAT 4643 Kerma fission (mt18 or mt19-20-21-38) 46-Pd-108
 Cross Section -100.0 To 62.02 %

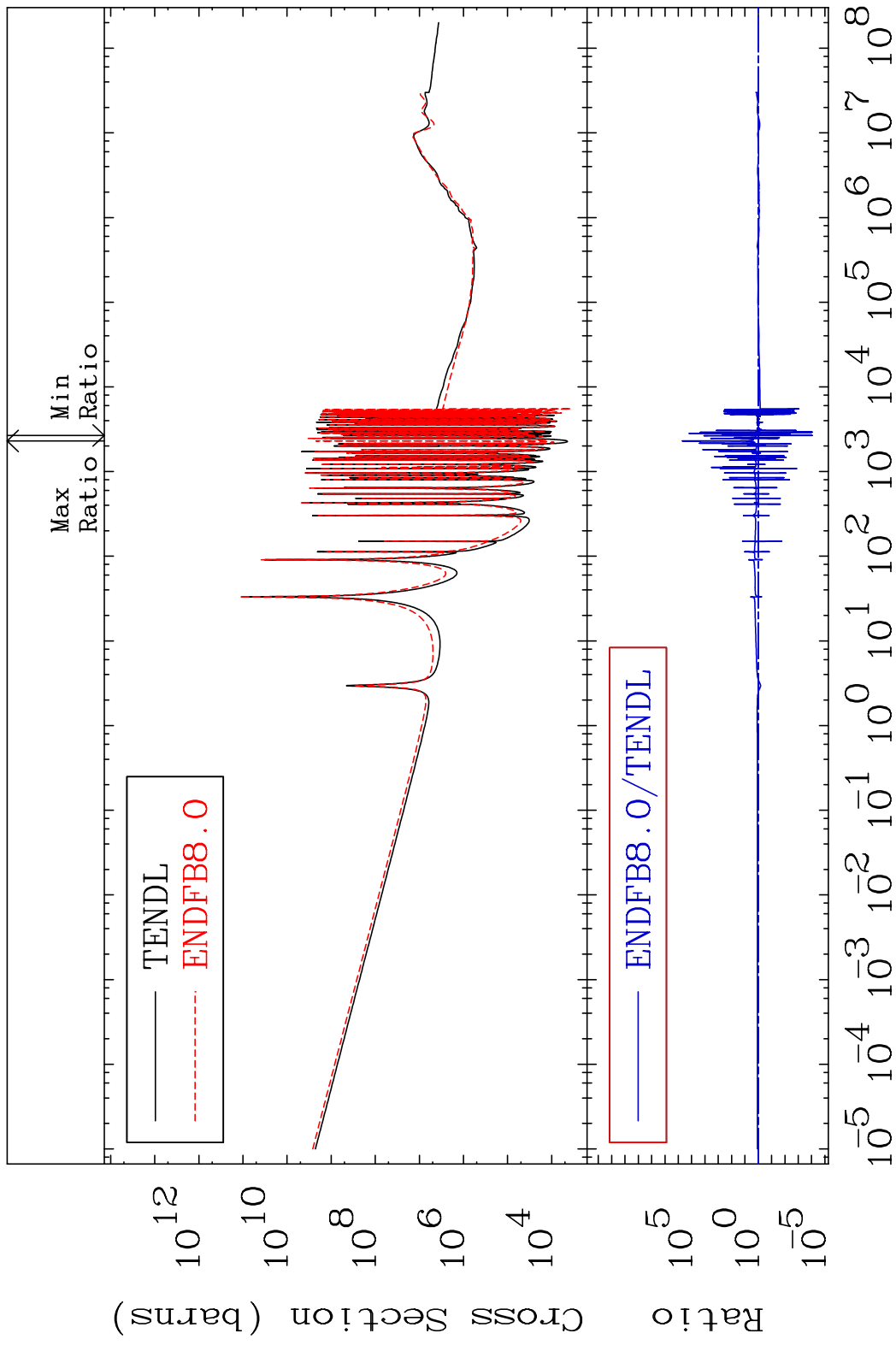


MAT 4643 Kerma capture (mt102) 46-Pd-108
 Cross Section -99.96 To 9999. %



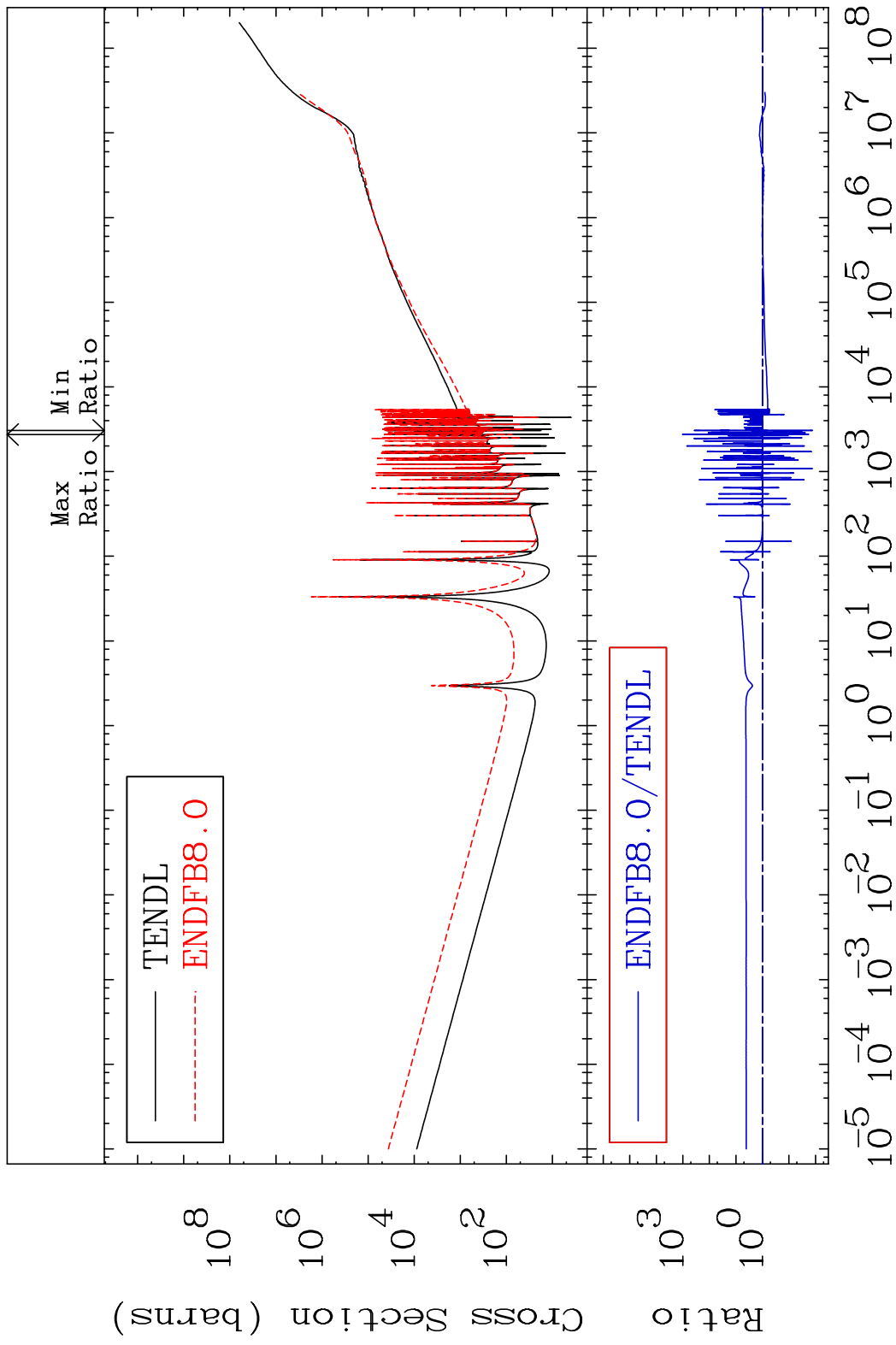
49 Incident Energy (eV) 46-Pd-108

MAT 4643 Total photon (eV-barns) 46-Pd-108
 Cross Section -99.99 To 9999. %

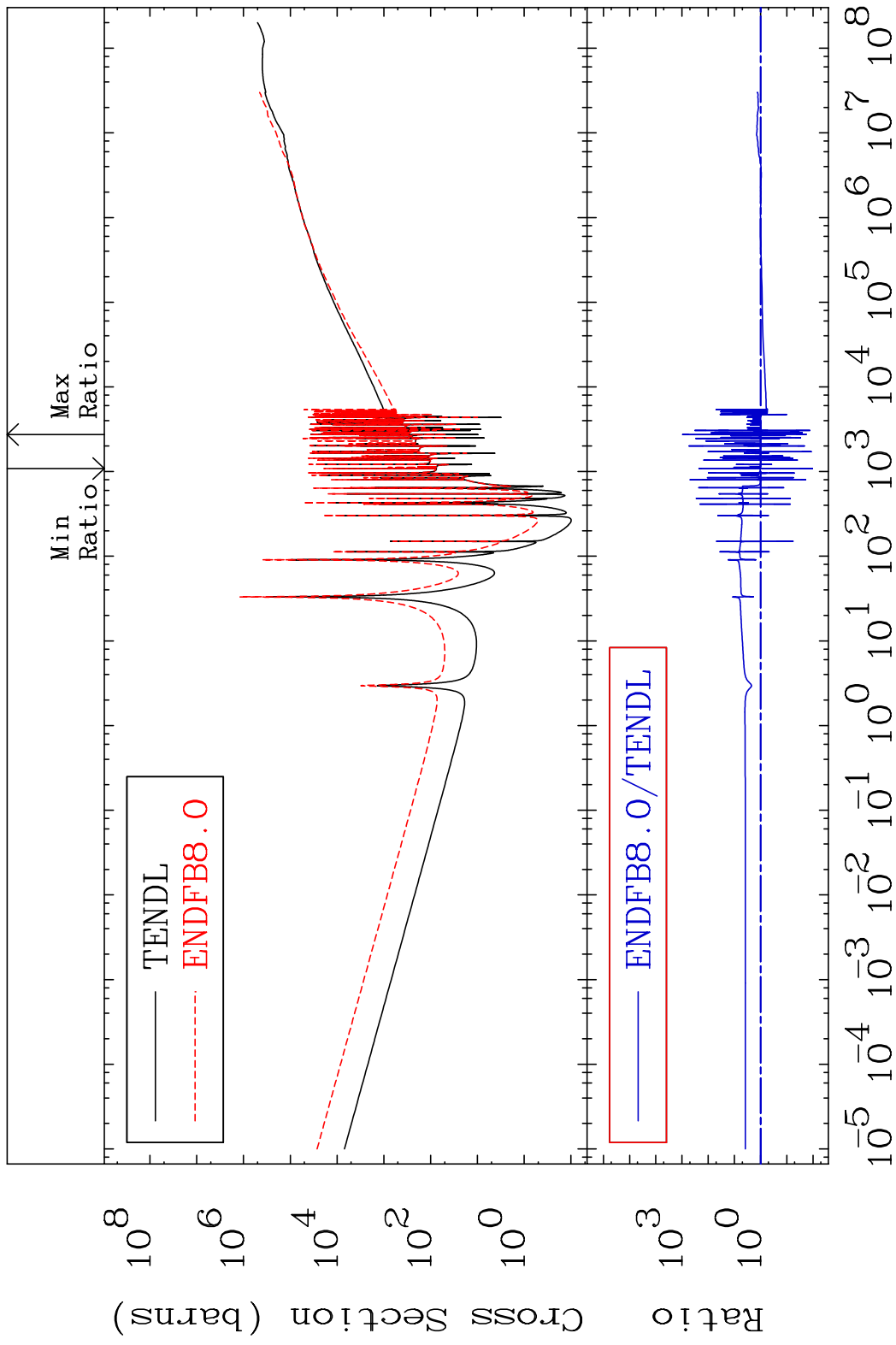


50 Incident Energy (eV) 46-Pd-108

MAT 4643 Total kinematic kerma (high limit) 46-Pd-108
 Cross Section -98.71 To 9999. %



MAT 4643 Dpa total (eV-barns) 46-Pd-108
 Cross Section -98.96 To 9999. %

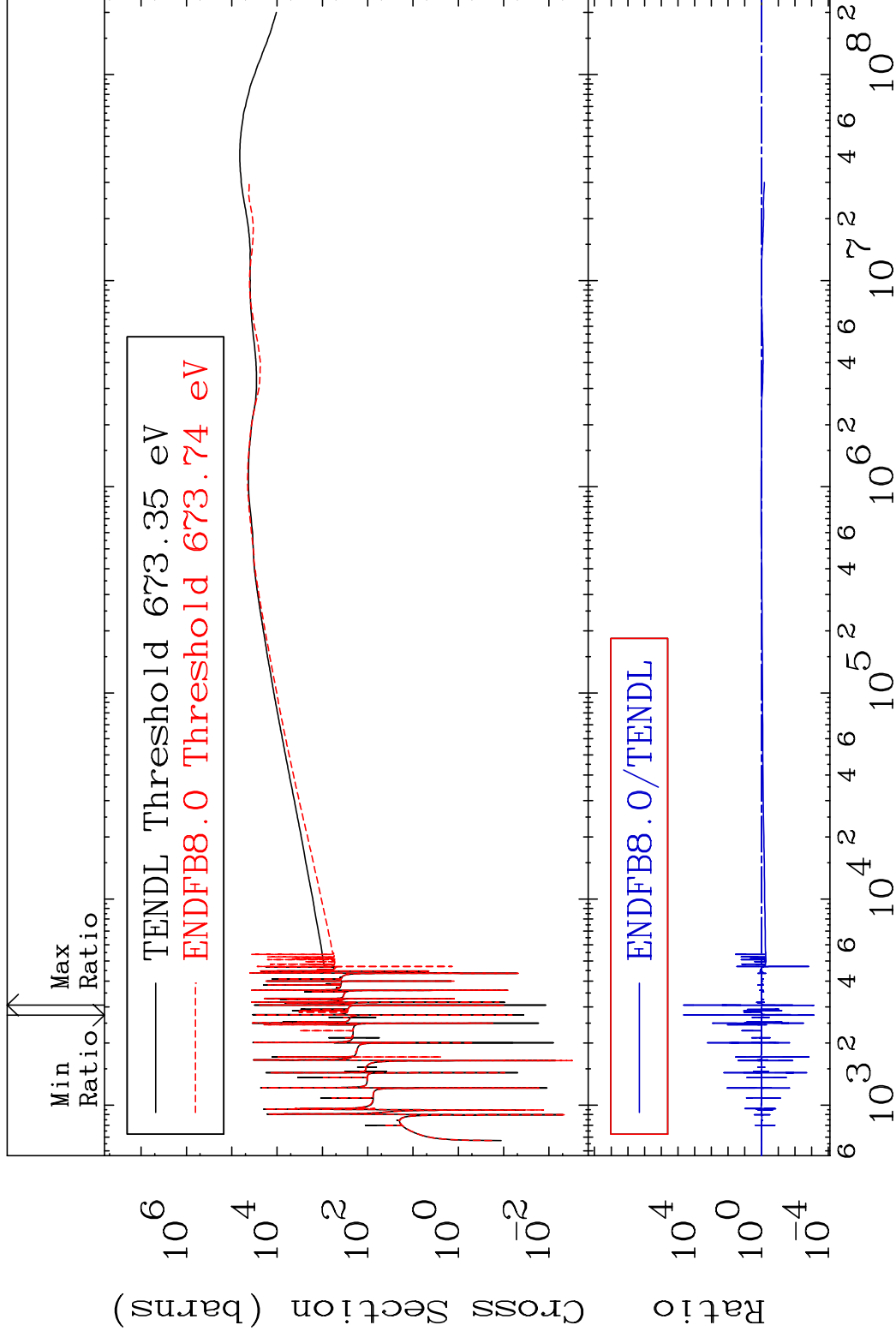


MAT 4643

Dpa elastic (mt2)

46-Pd-108

Cross Section -99.93 To 9999. %

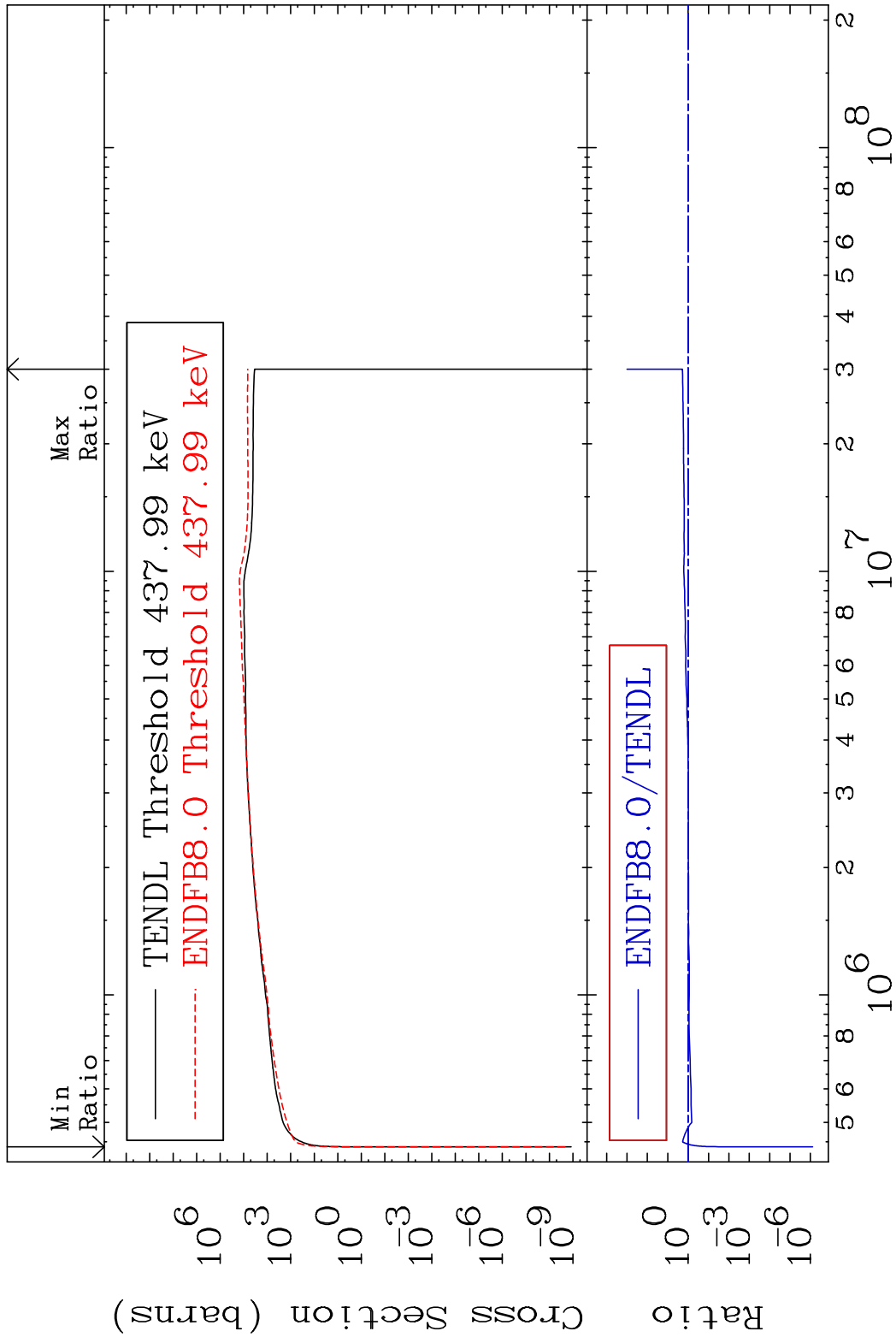


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Incident Energy (eV)

46-Pd-108

MAT 4643 Dpa inelastic (mt51-91) 46-Pd-108
 Cross Section -100.0 To 91.82 %



MAT 4643 Dpa disappearance (mt102 -120) 46-Pd-108
 Cross Section -99.97 To 9999. %

