

Program Complot
(Version 2021-1)

by

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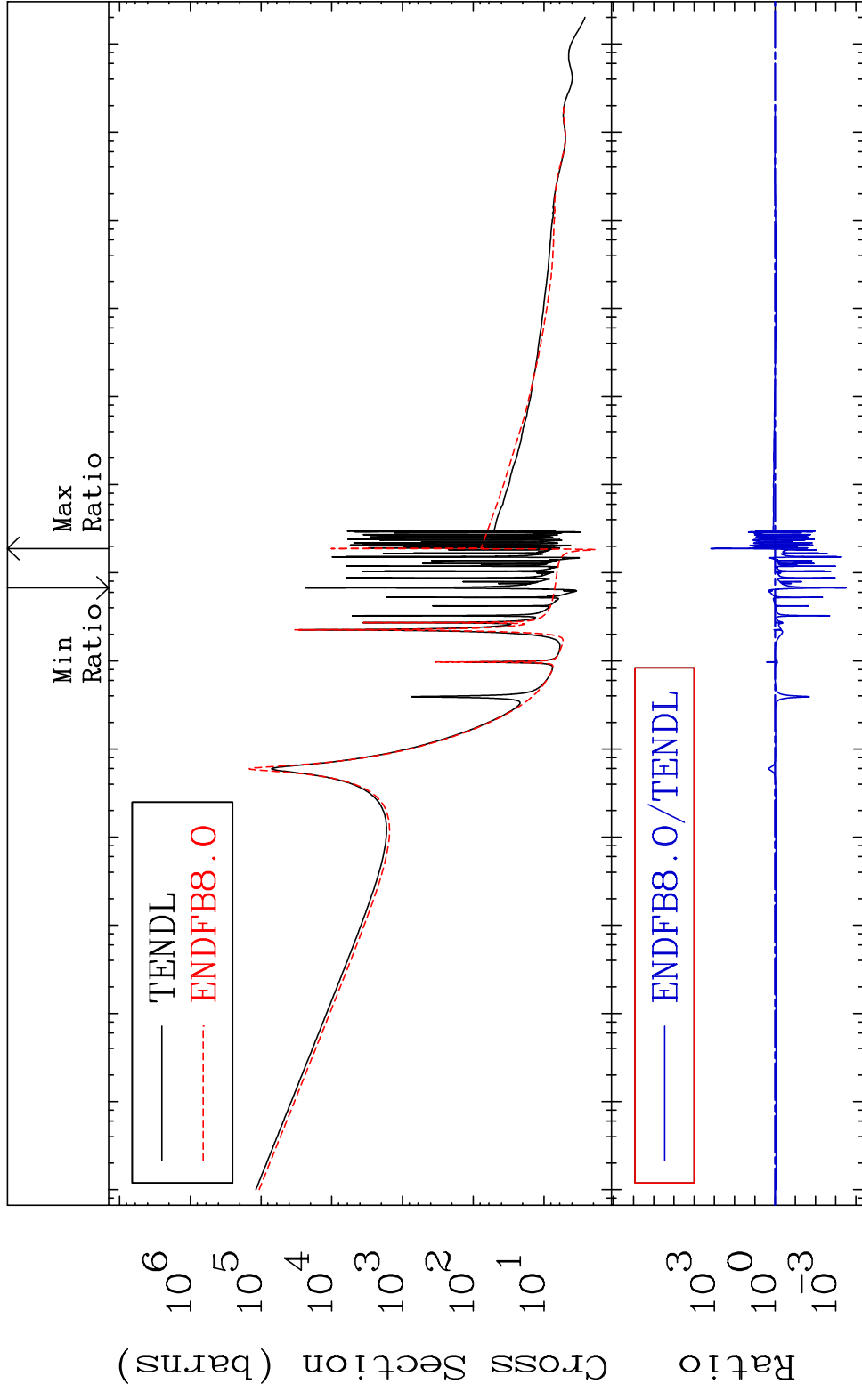
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7025

Total Cross Section -99.97 To 9999. %

70-Yb-168



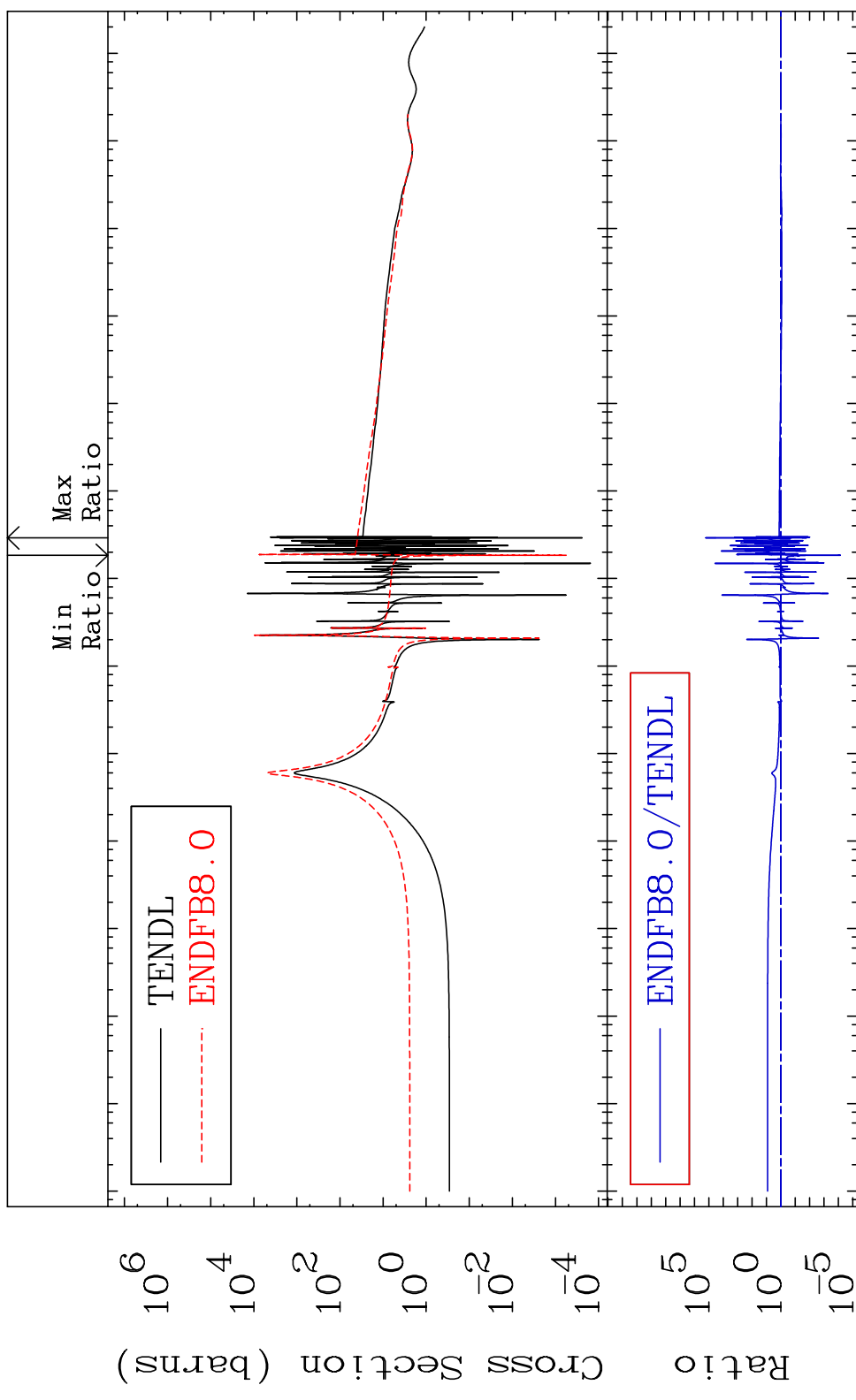
1 Incident Energy (eV) 70-Yb-168

MAT 7025

70-Yb-168

Elastic

Cross Section -99.99 To 9999. %



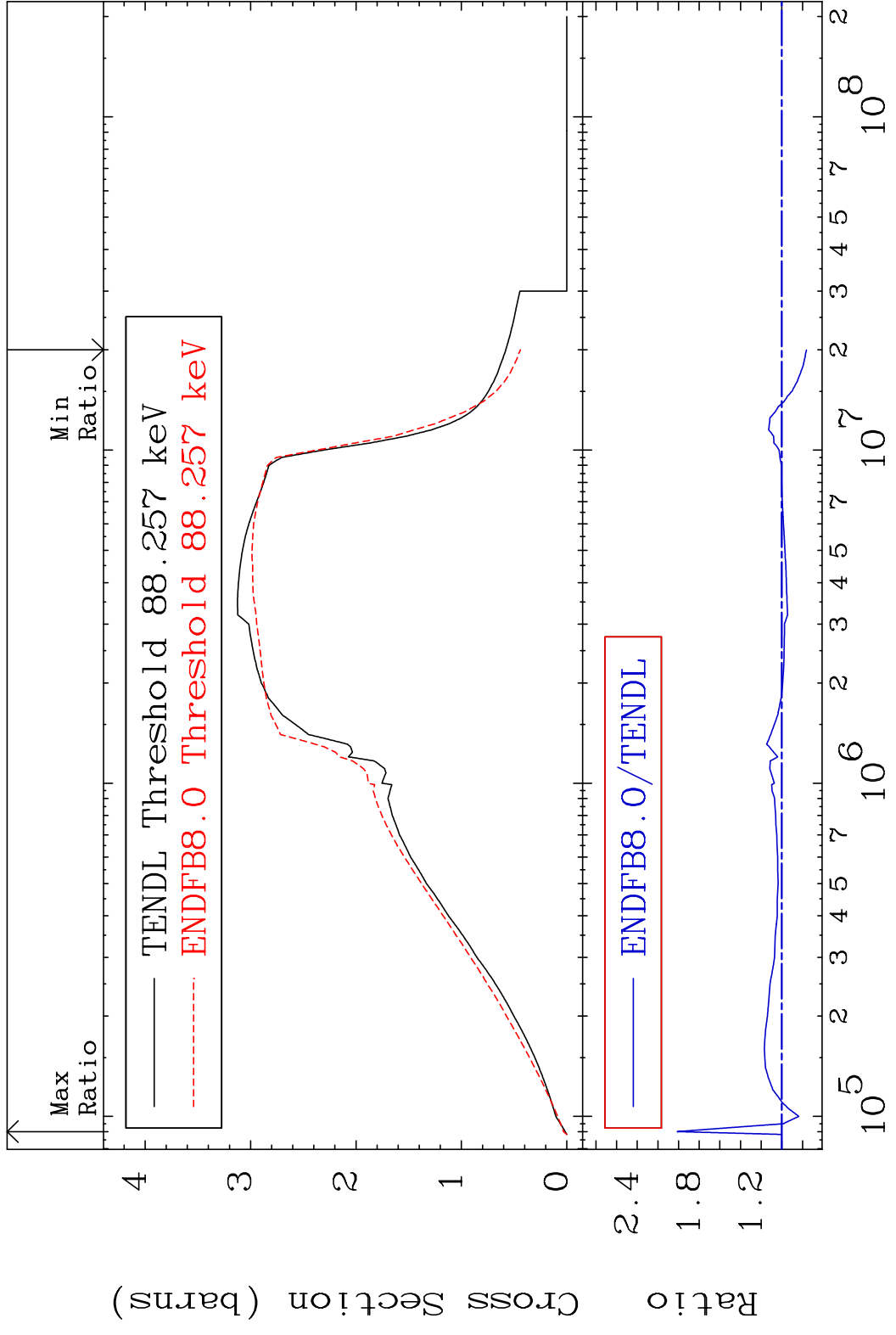
MAT 7025

Inelastic

70-Yb-168

Cross Section

-23.76 To 101.3 %



3

Incident Energy (eV)

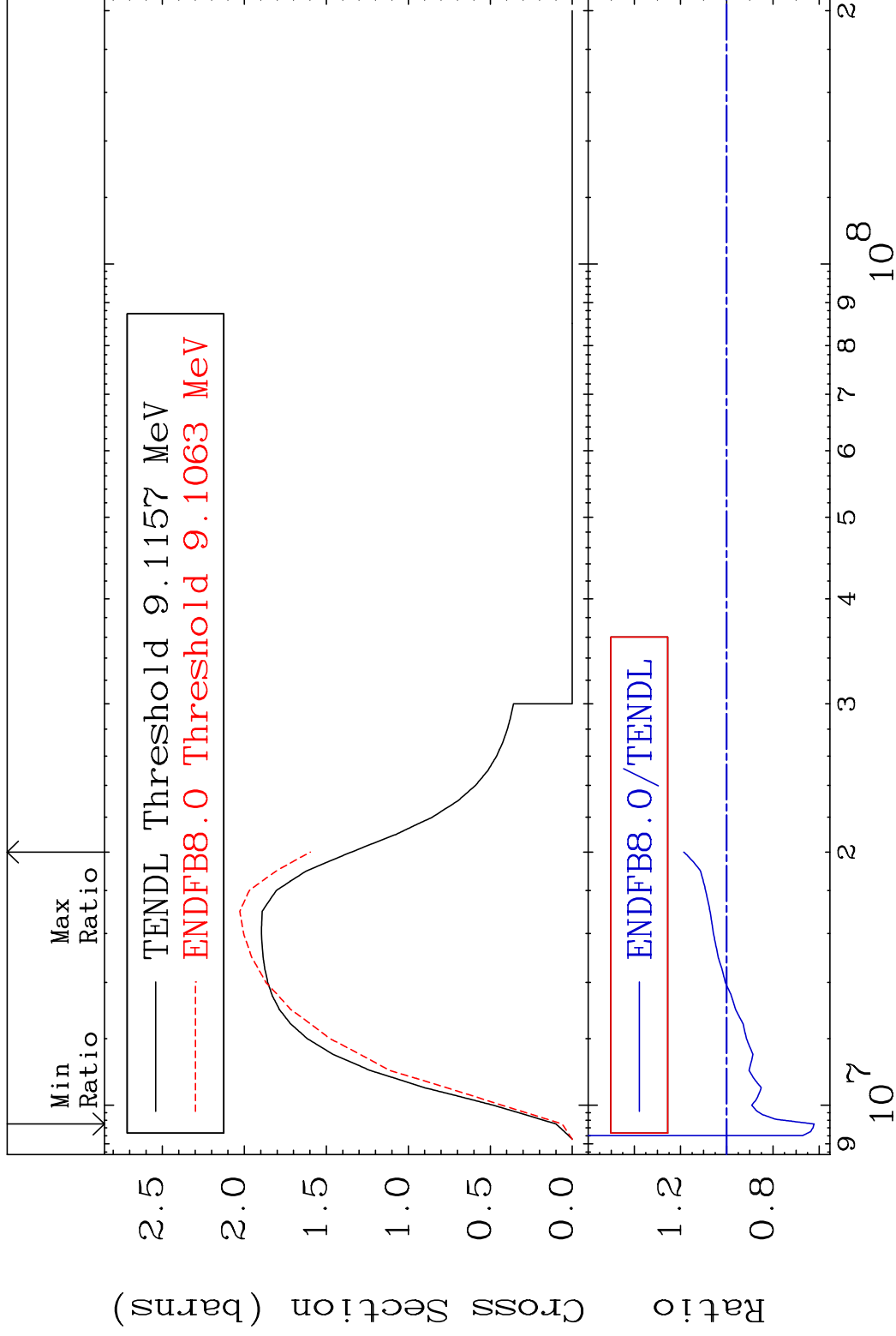
70-Yb-168

MAT 7025

(n,2n)

70-Yb-168

Cross Section -37.81 To 18.64 %



4

Incident Energy (eV)

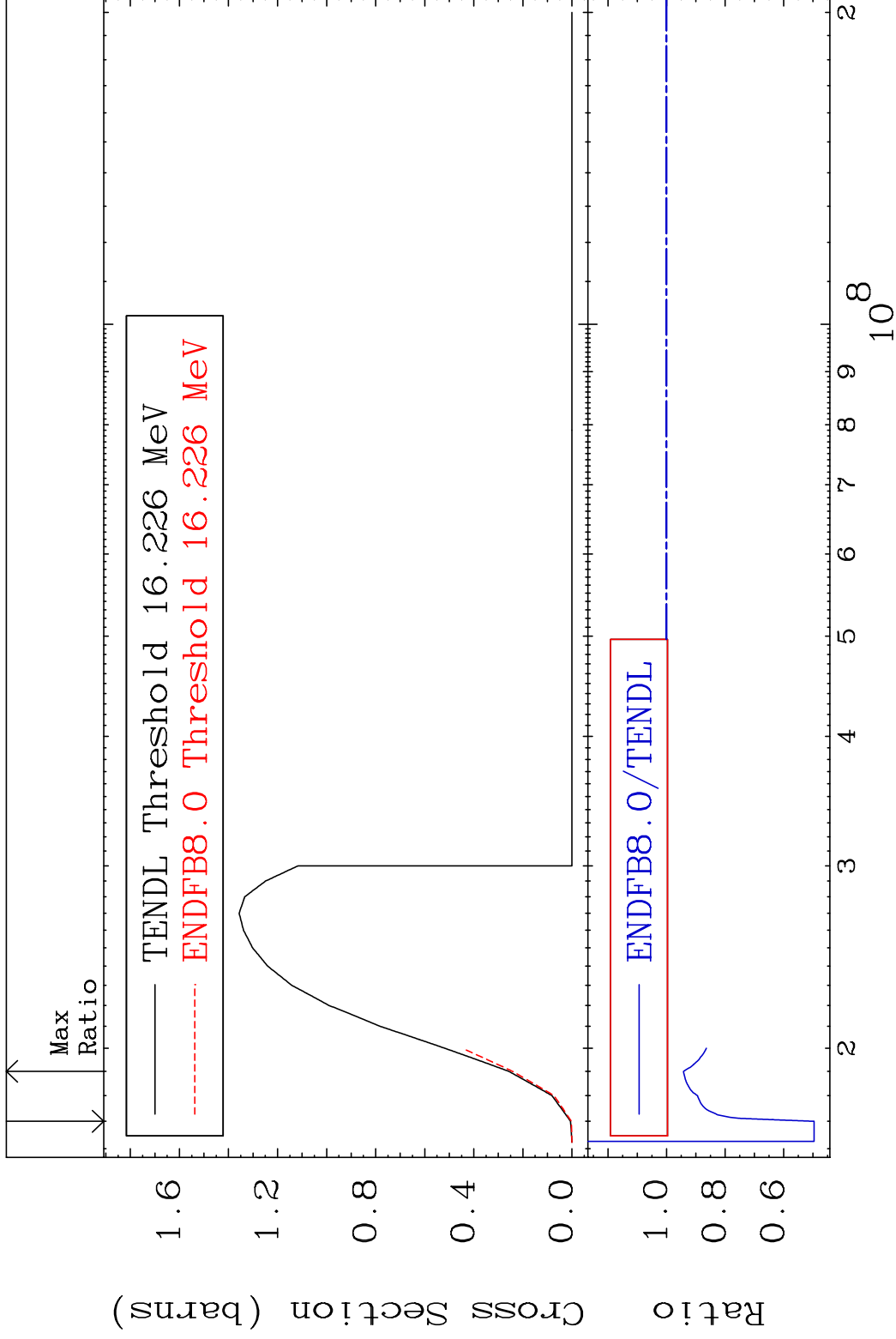
70-Yb-168

MAT 7025

(n,3n)

70-Yb-168

Cross Section -50.41 To -5.805%



5

Incident Energy (eV)

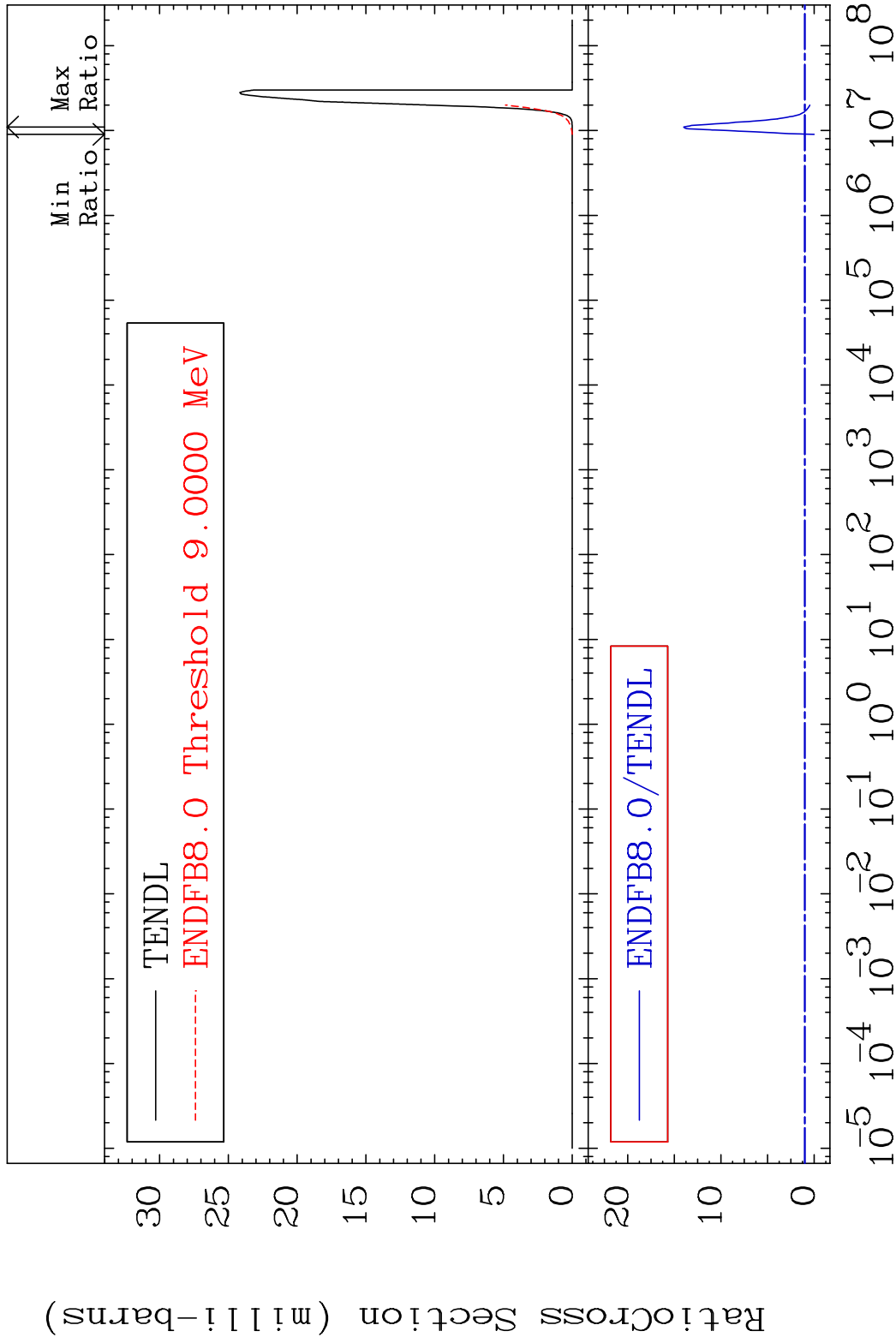
70-Yb-168

MAT 7025

(n, n') α

70-Yb-168

Cross Section -100.0 To 1300. %



6

Incident Energy (eV)

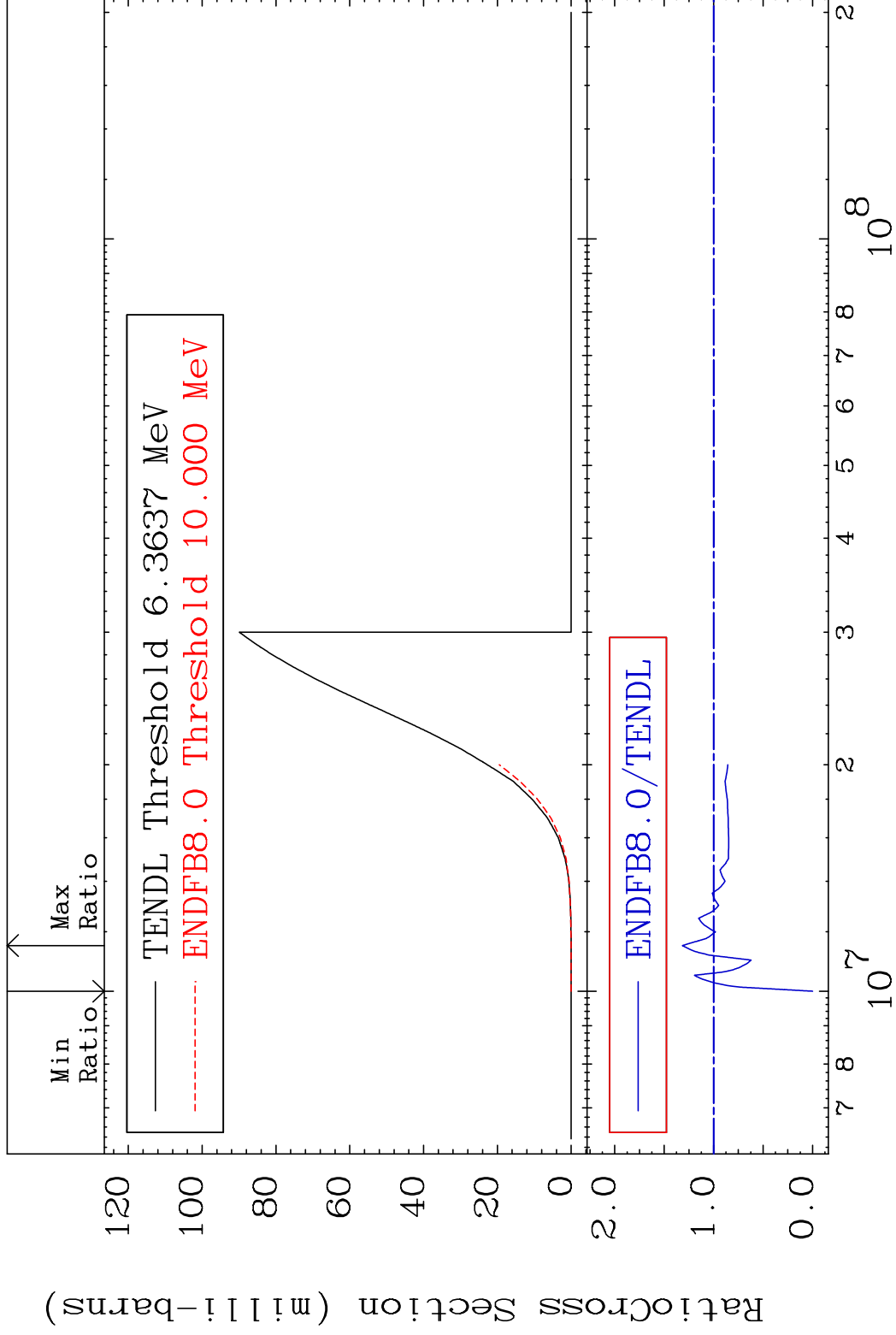
70-Yb-168

MAT 7025

(n, n') p

70-Yb-168

Cross Section -100.0 To 31.64 %



7

Incident Energy (eV)

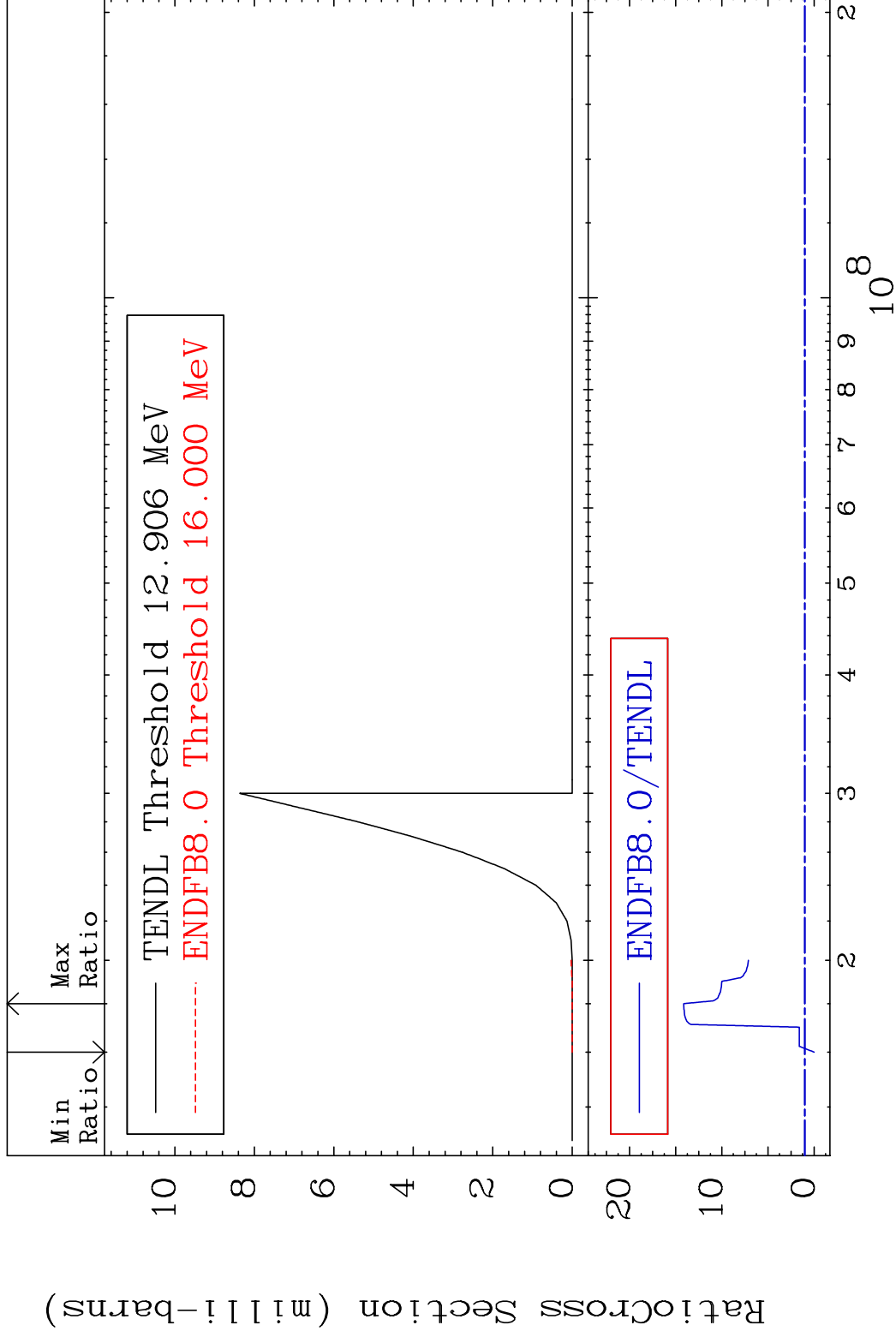
70-Yb-168

MAT 7025

(n, n') d

70-Yb-168

Cross Section -100.0 To 1314. %

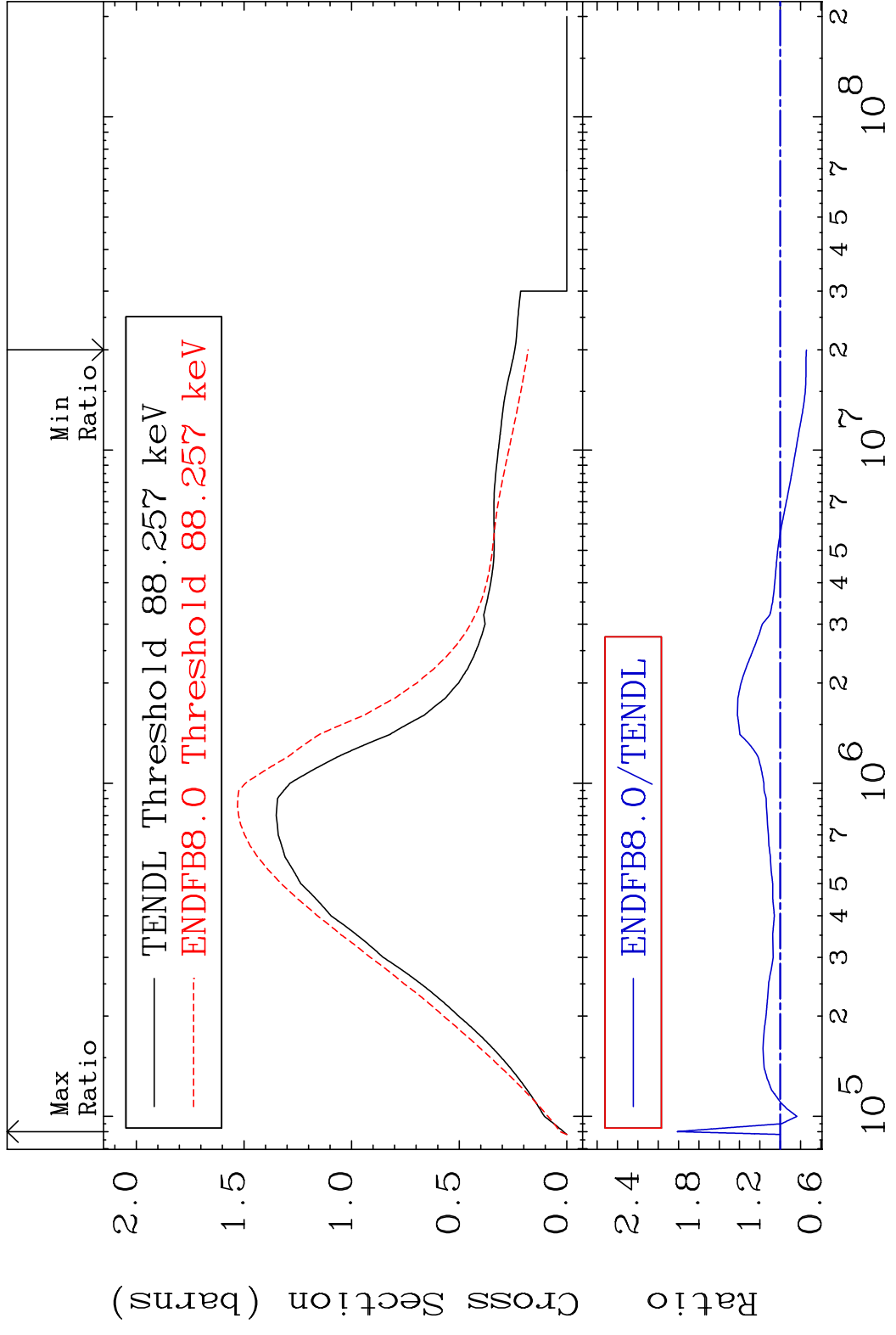


8

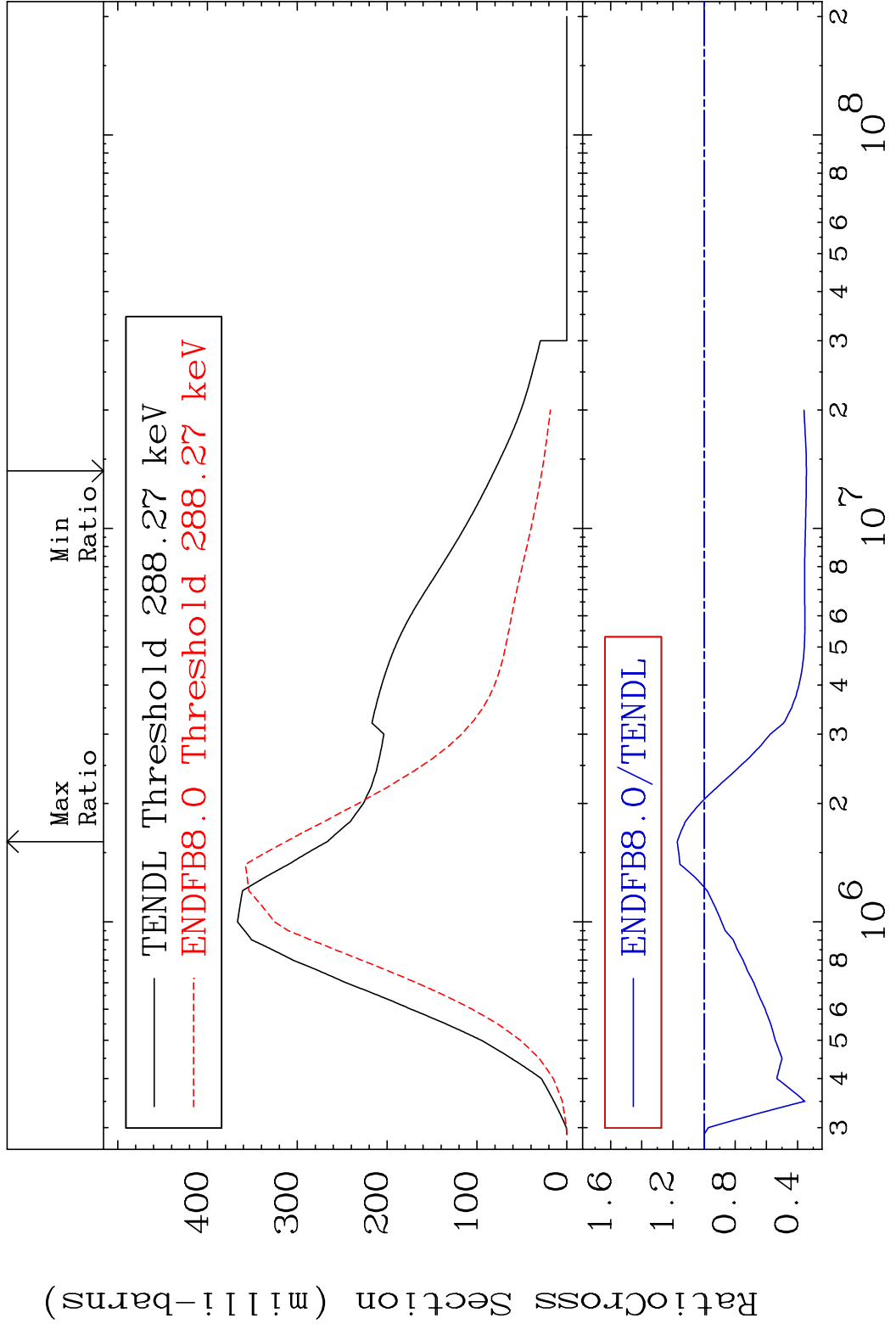
Incident Energy (eV)

70-Yb-168

MAT 7025 MT= 51 (n, n') Level 70-Yb-168
 Cross Section -25.73 To 101.3 %

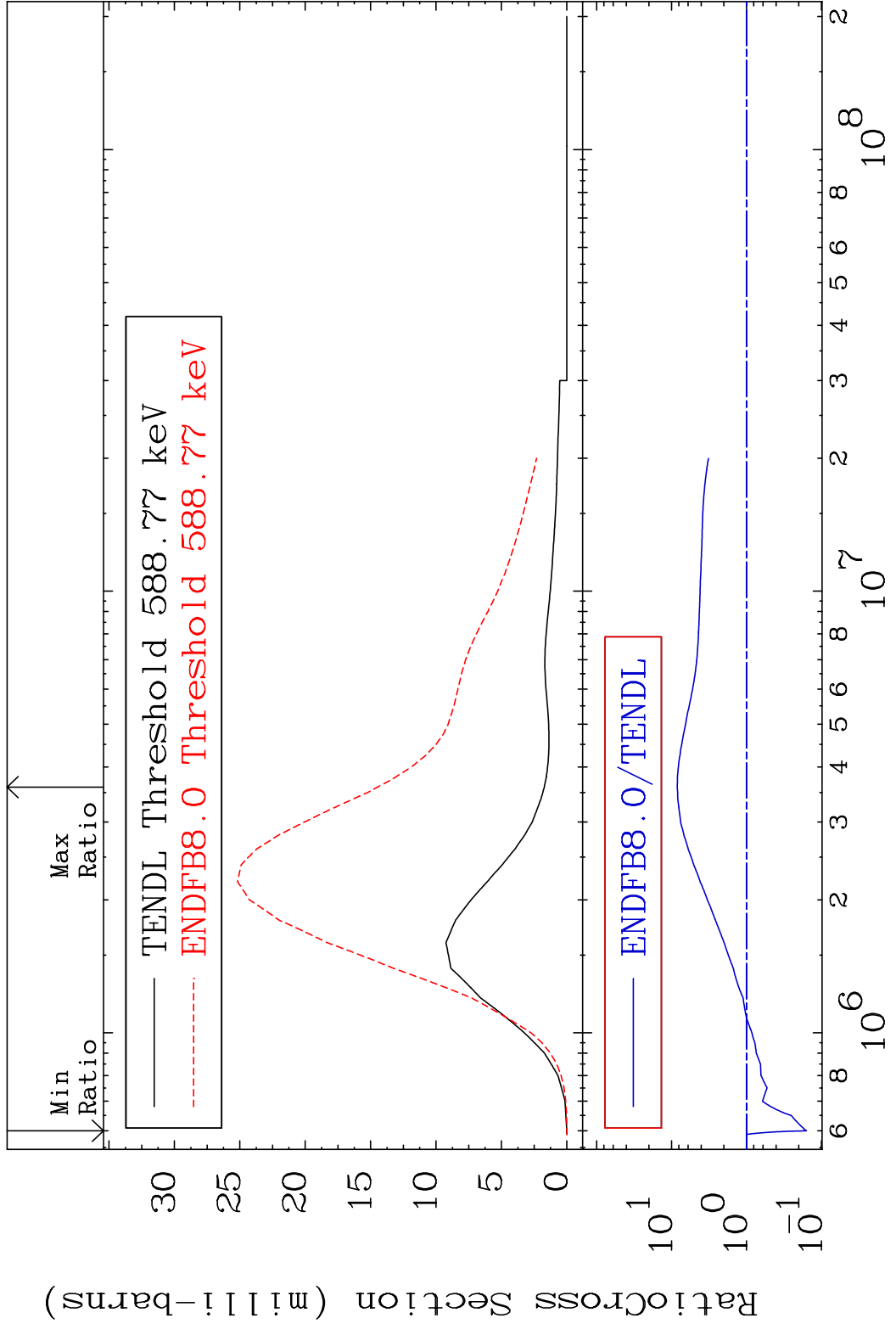


MAT 7025 MT= 52 (n, n') Level 70-Yb-168
 Cross Section -65.66 To 17.26 %

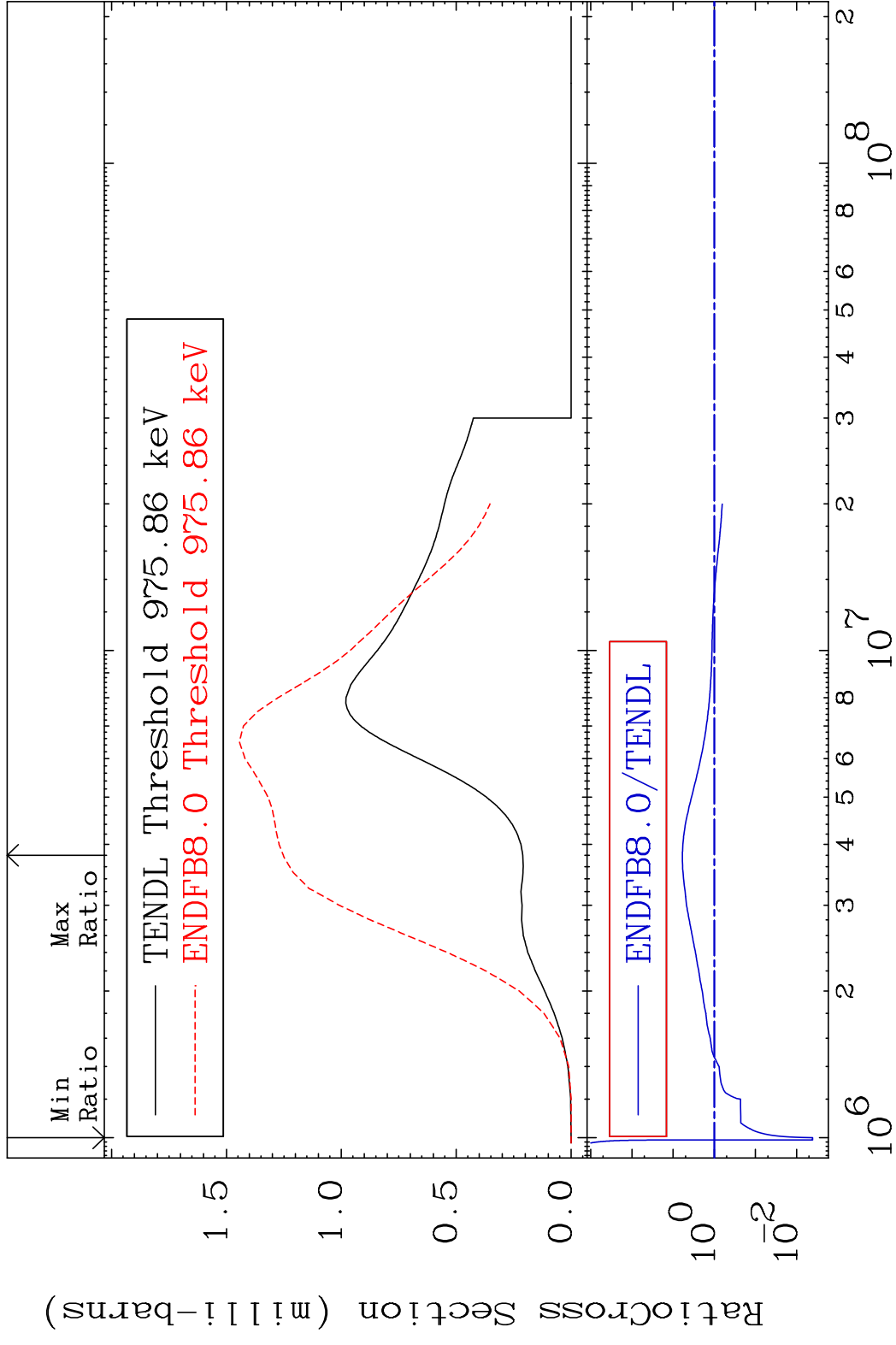


10 Incident Energy (eV) 70-Yb-168

MAT 7025 MT= 53 (n,n') Level 70-Yb-168
 Cross Section -84.19 To 739.1 %

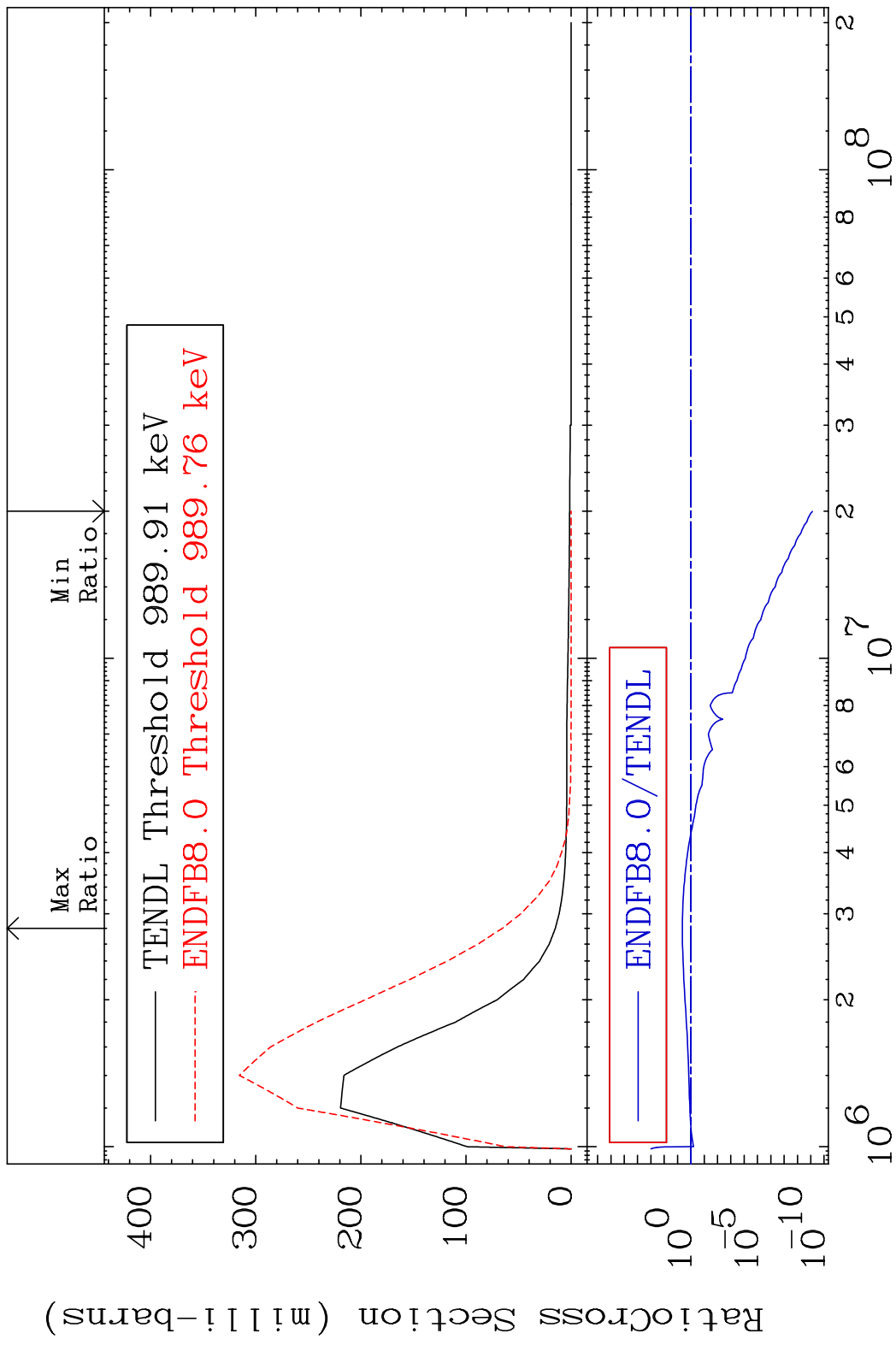


MAT 7025 MT= 54 (n, n') Level 70-Yb-168
 Cross Section -99.59 To 495.8 %



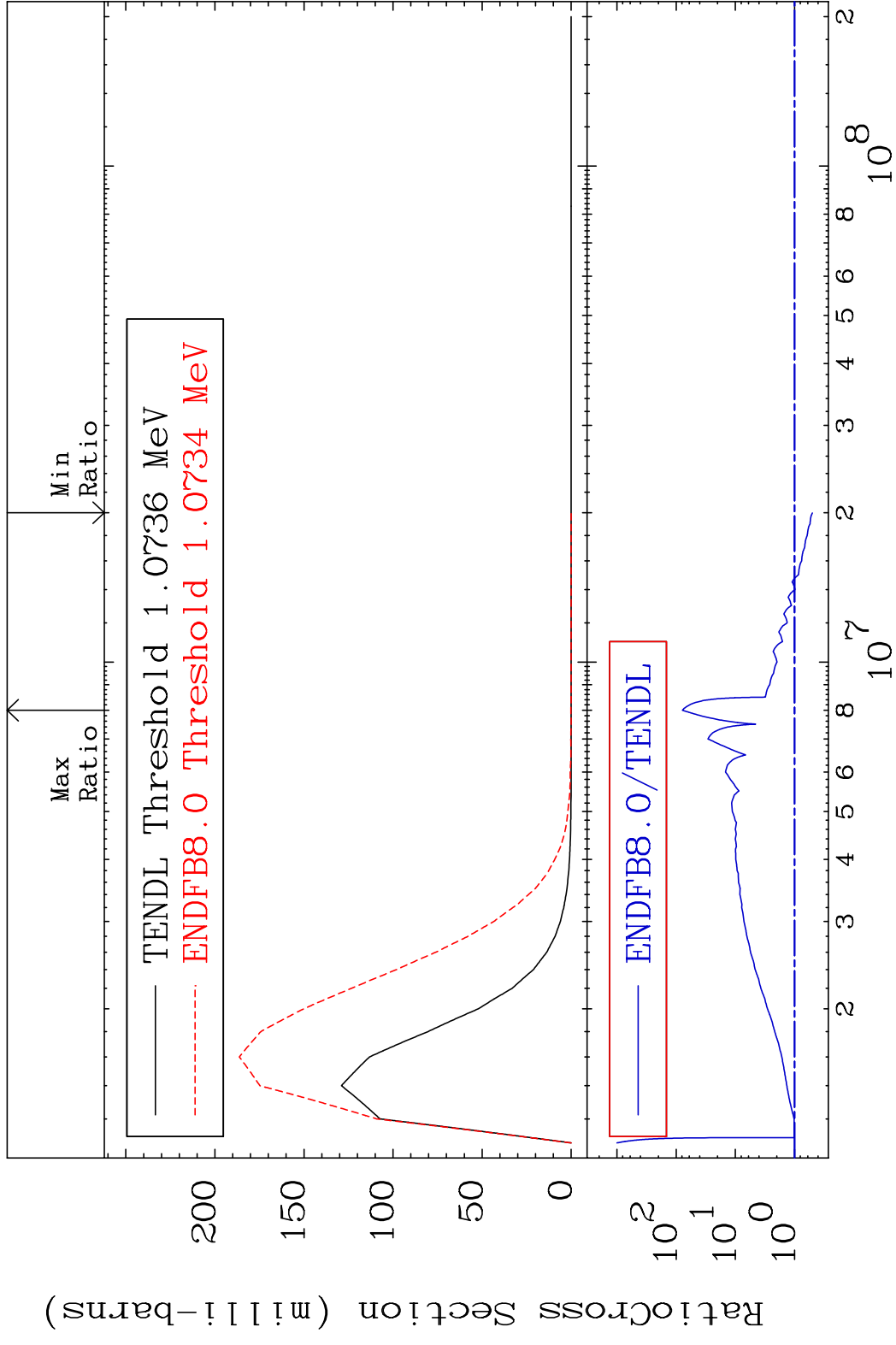
12 Incident Energy (eV) 70-Yb-168

MAT 7025 MT= 55 (n, n') Level 70-Yb-168
 Cross Section -100.0 To 334.6 %

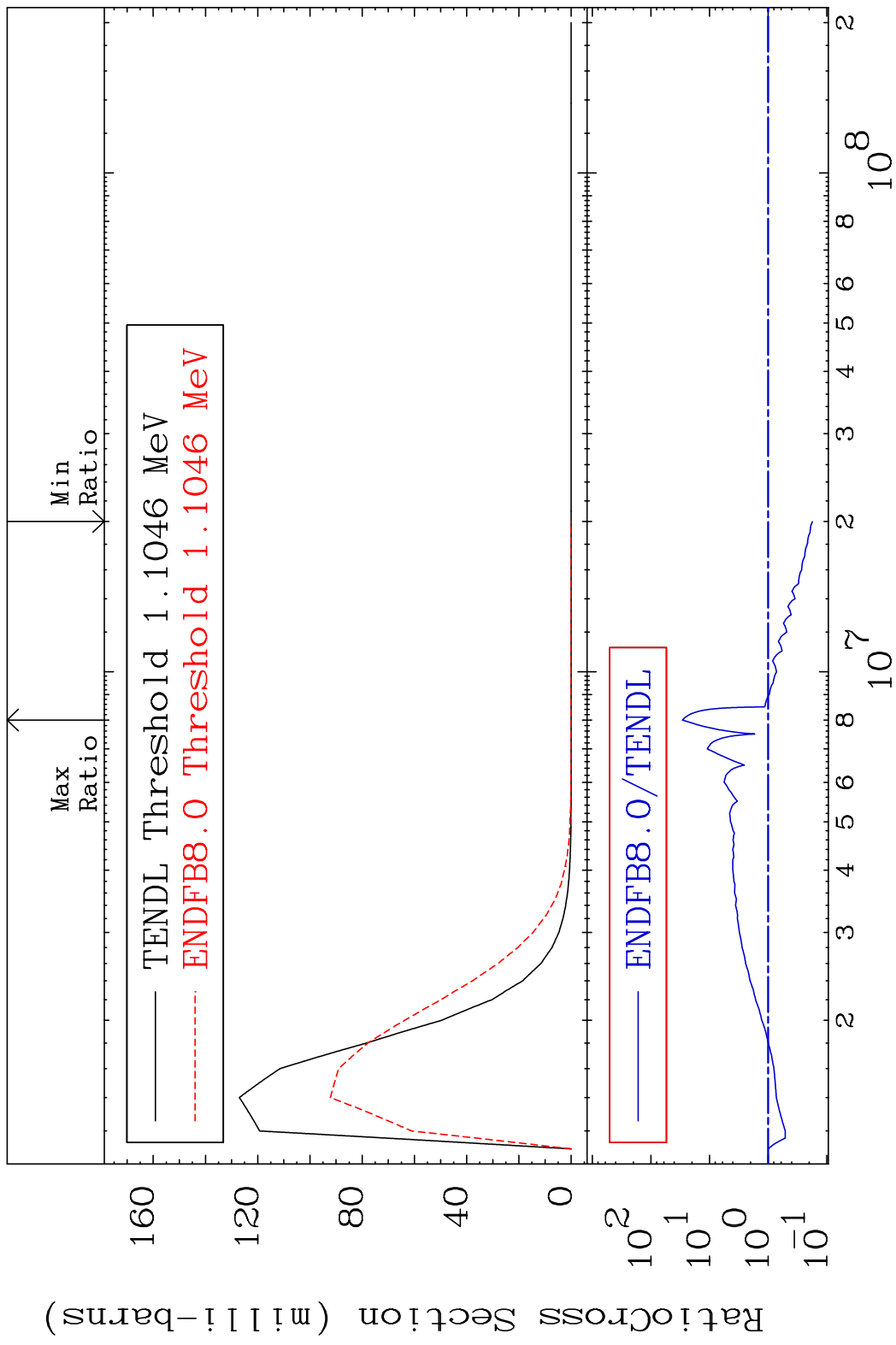


13 Incident Energy (eV) 70-Yb-168

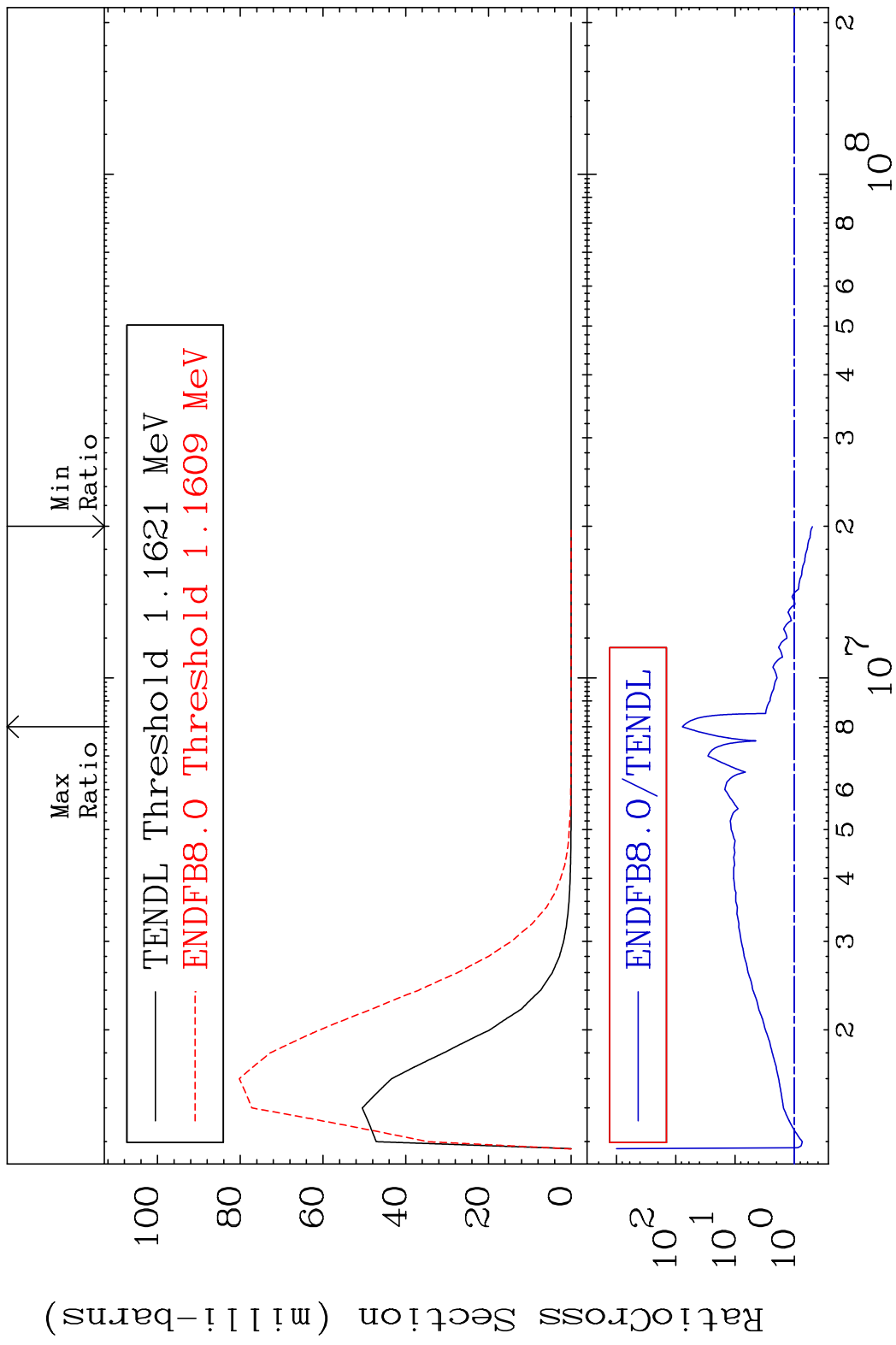
MAT 7025 MT= 56 (n,n') Level 70-Yb-168
 Cross Section -50.20 To 7769. %



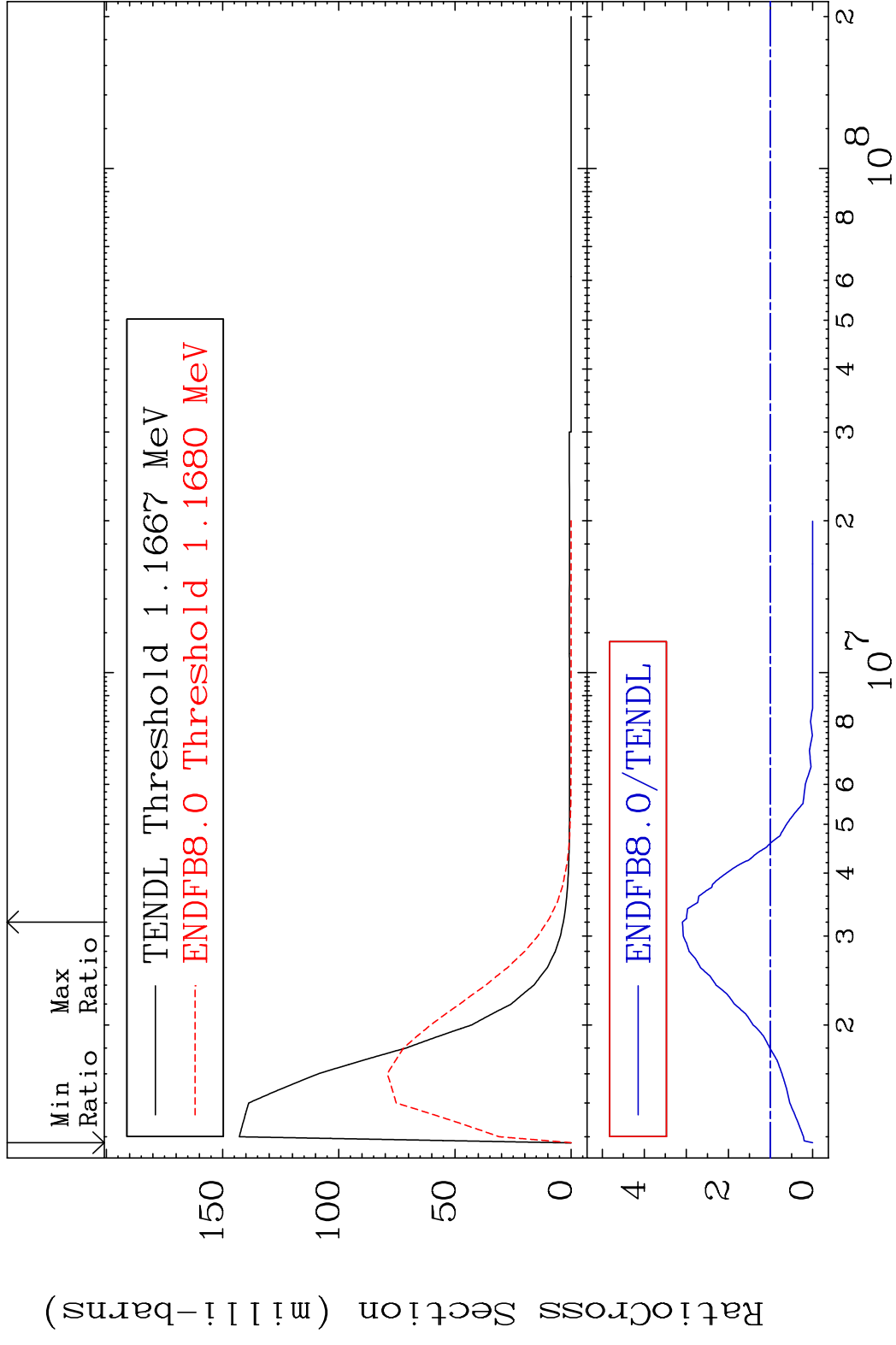
MAT 7025 MT= 57 (n, n') Level 70-Yb-168
 Cross Section -82.48 To 2810. %



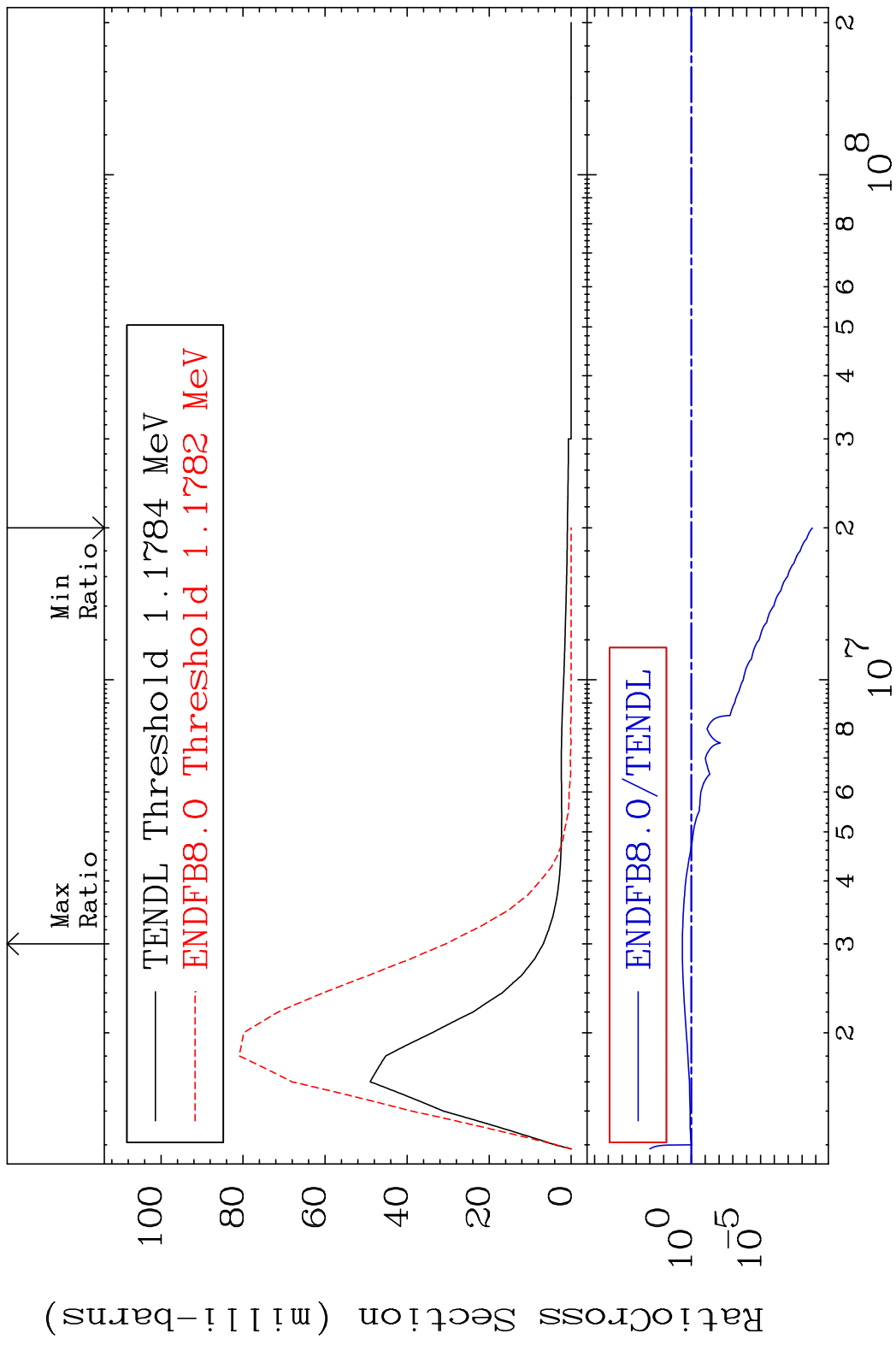
MAT 7025 MT= 58 (n, n') Level 70-Yb-168
 Cross Section -50.49 To 7649. %



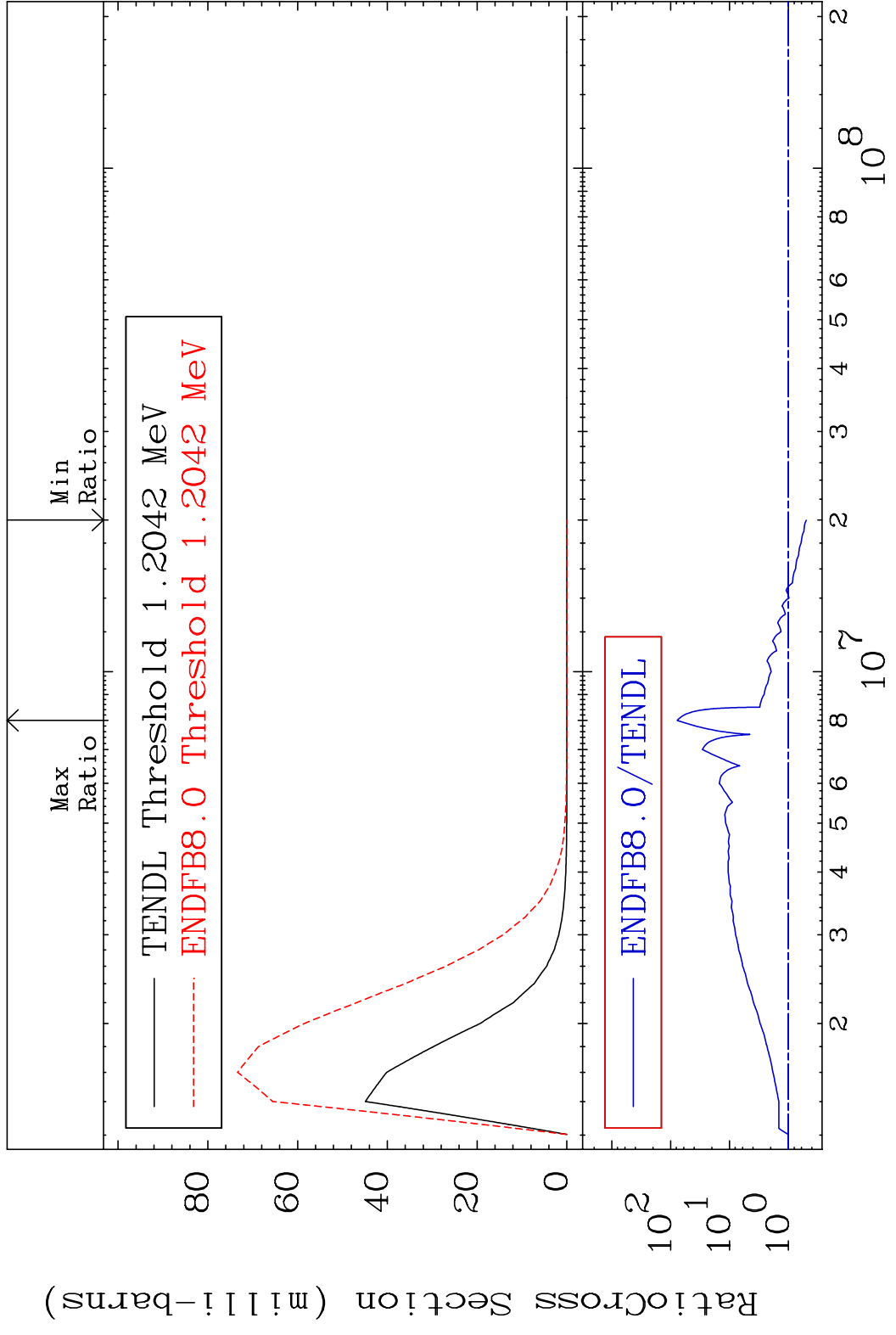
MAT 7025 MT= 59 (n,n') Level 70-Yb-168
 Cross Section -100.0 To 209.5 %



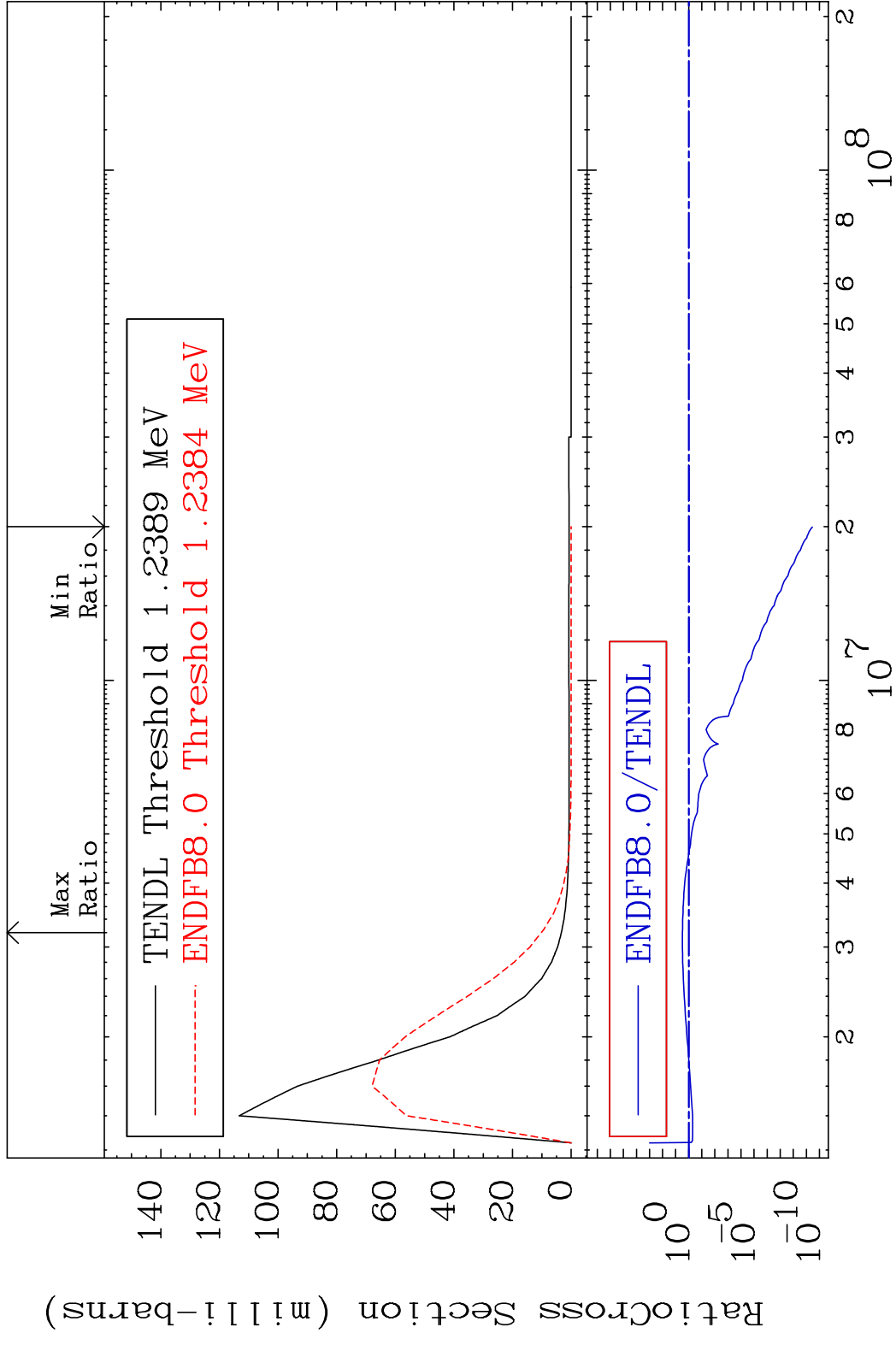
MAT 7025 MT= 60 (n, n') Level 70-Yb-168
 Cross Section -100.0 To 349.6 %



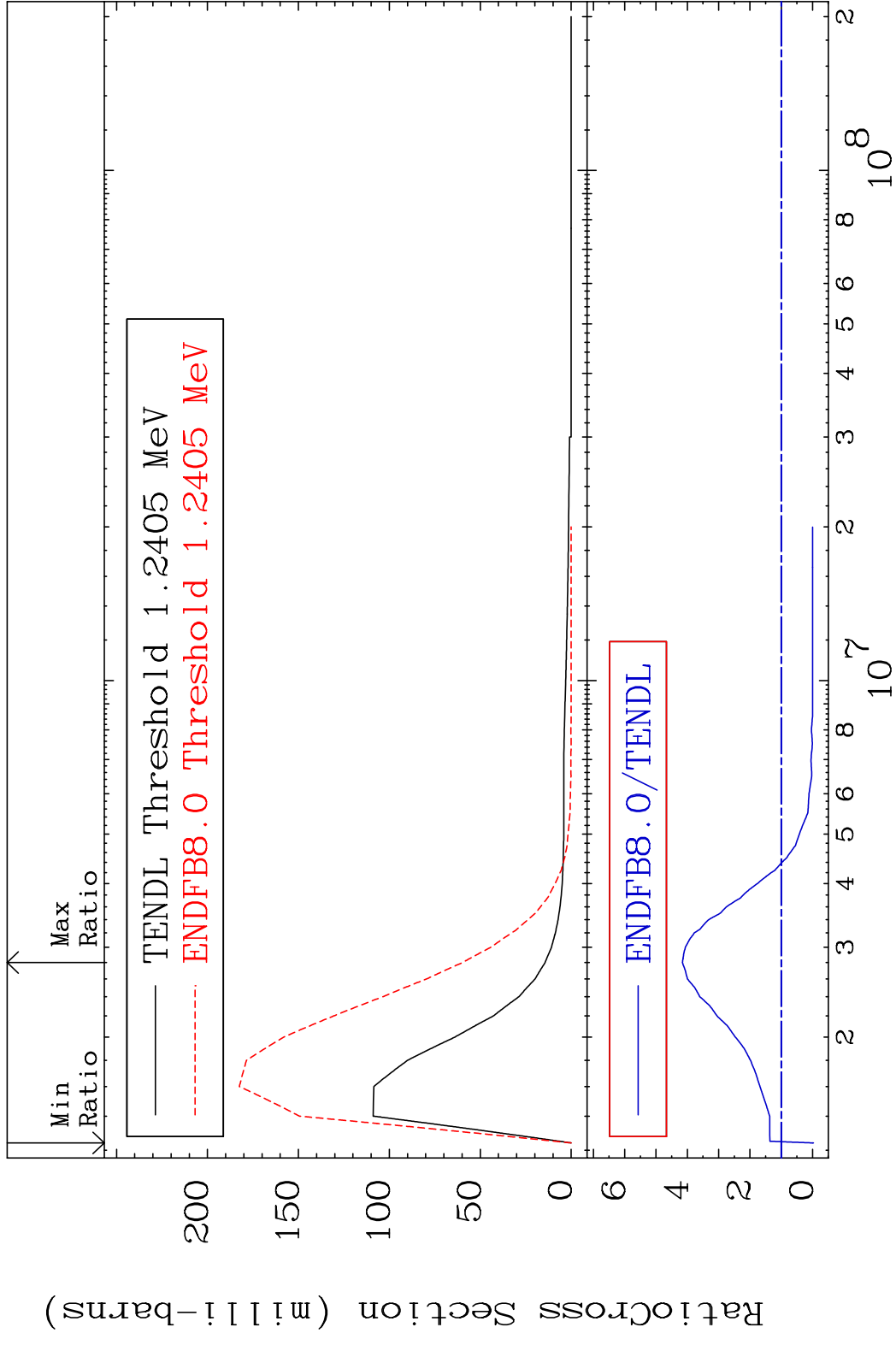
MAT 7025 MT= 61 (n, n') Level 70-Yb-168
 Cross Section -50.47 To 7657. %



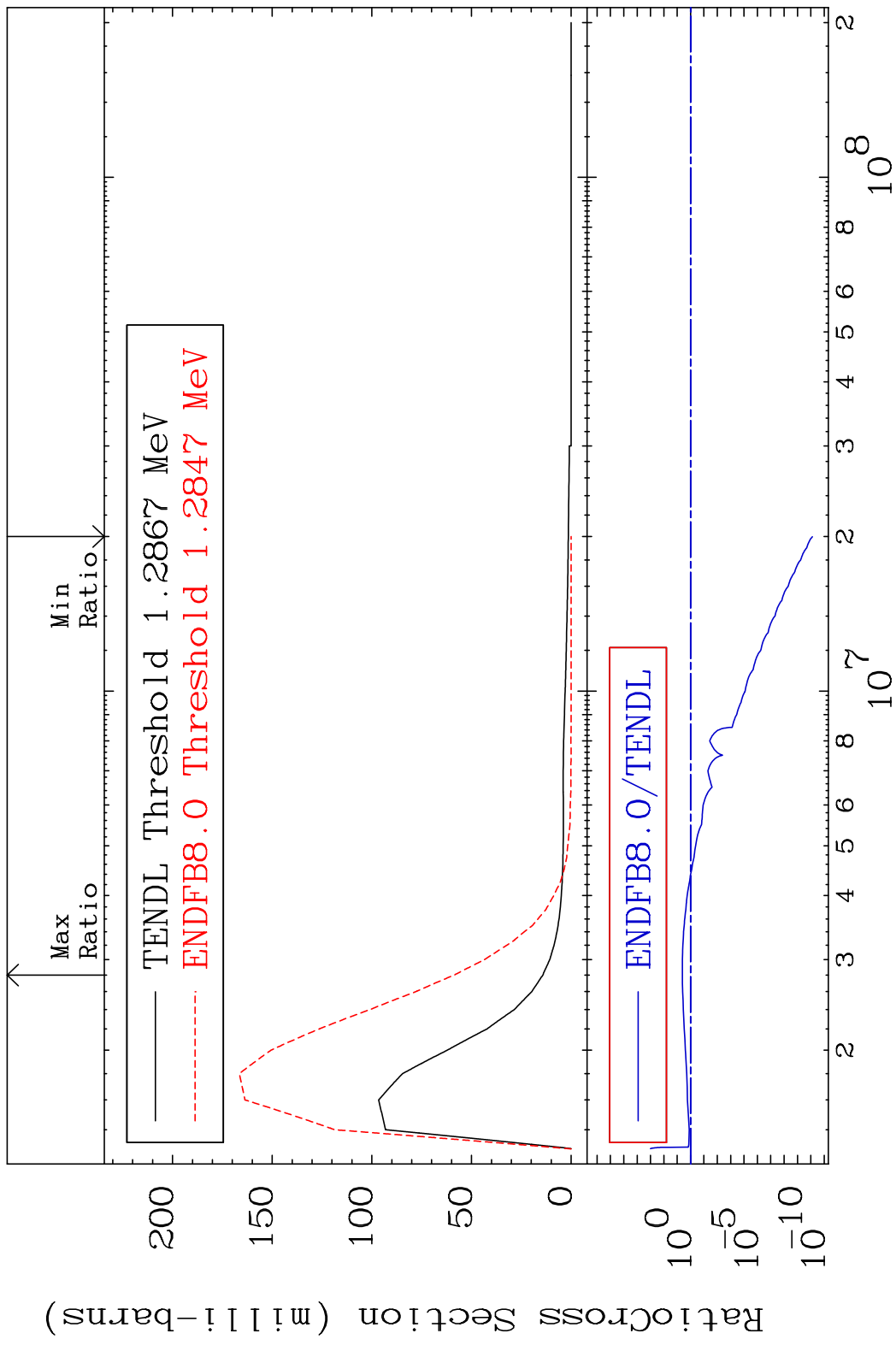
MAT 7025 MT= 62 (n, n') Level 70-Yb-168
 Cross Section -100.0 To 207.1 %



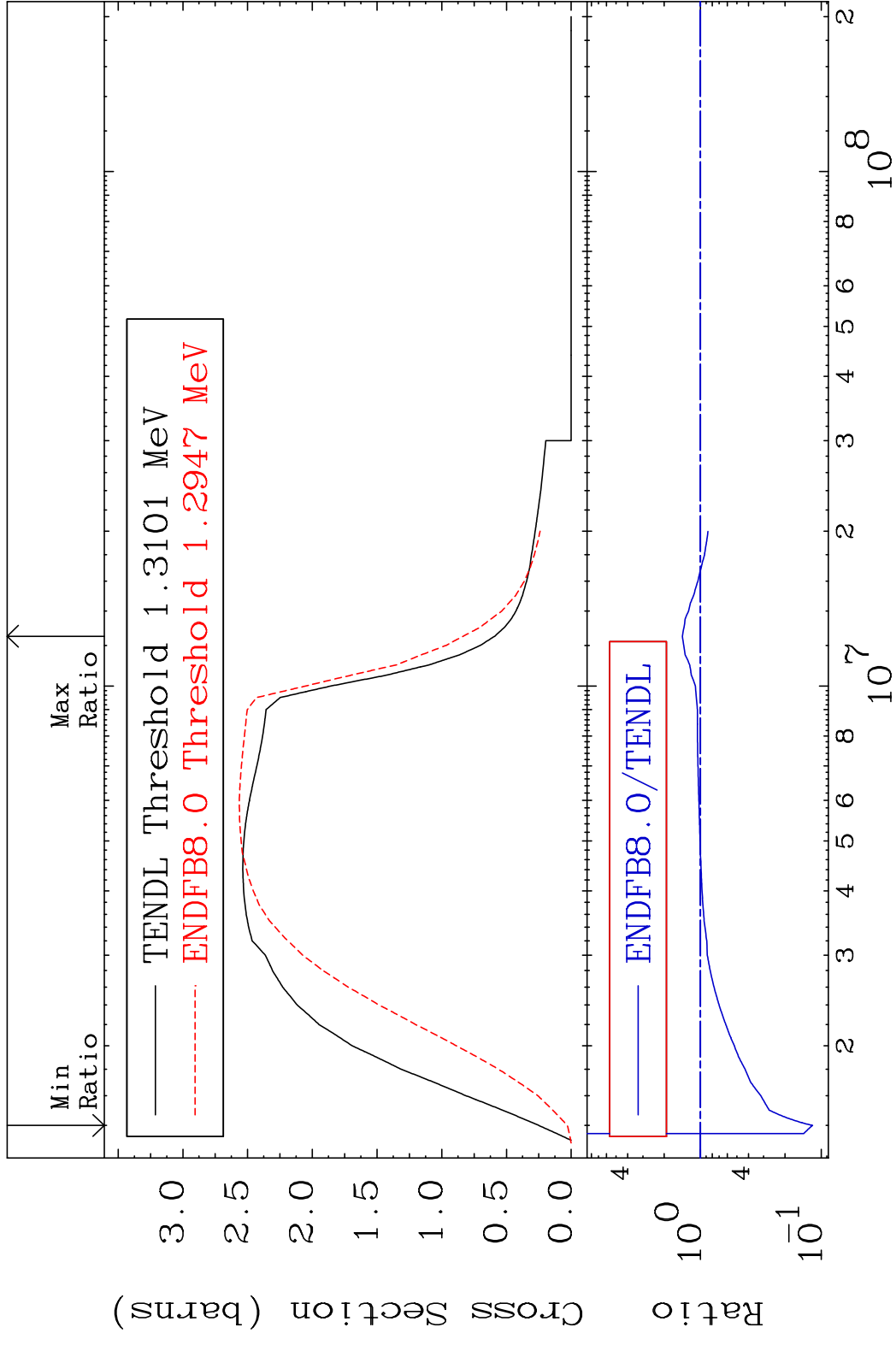
MAT 7025 MT= 63 (n, n') Level 70-Yb-168
 Cross Section -100.0 To 315.9 %



MAT 7025 MT= 64 (n, n') Level 70-Yb-168
 Cross Section -100.0 To 312.0 %



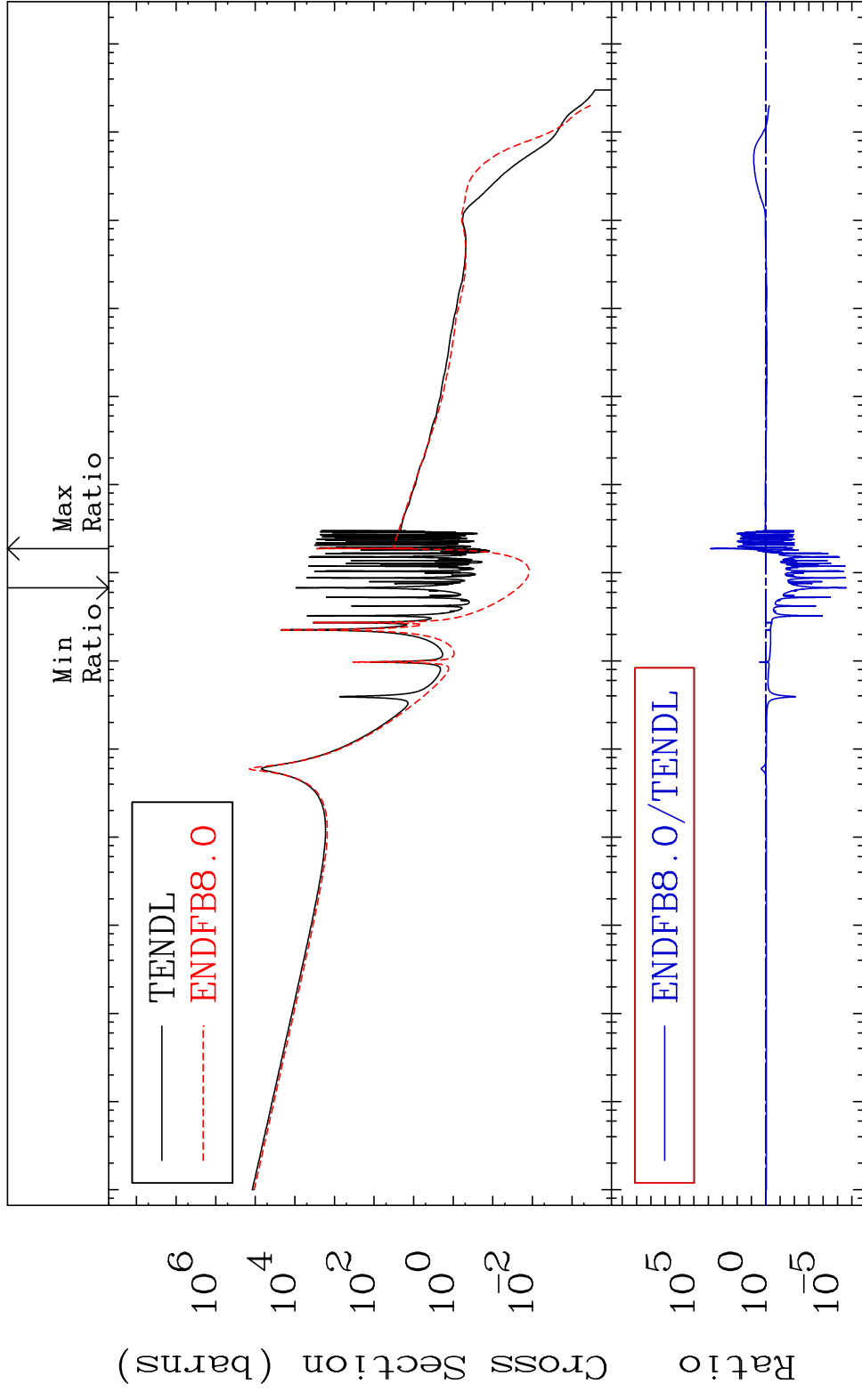
MAT 7025 (n, n') Continuum 70-Yb-168
 Cross Section -88.19 To 41.28 %



MAT 7025

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

70-Yb-168

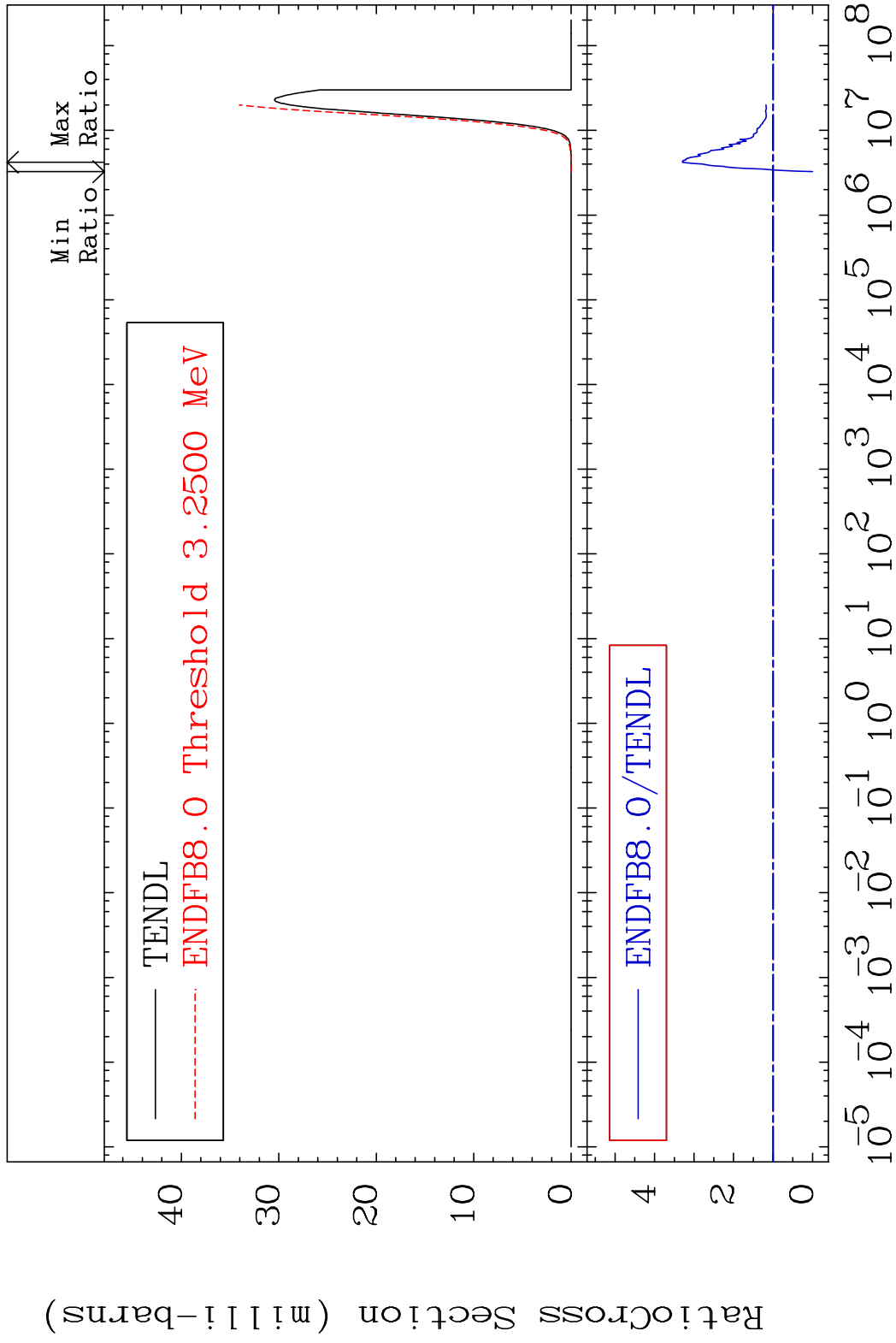


MAT 7025

(n, p)

70-Yb-168

Cross Section -100.0 To 229.7 %



25

Incident Energy (eV)

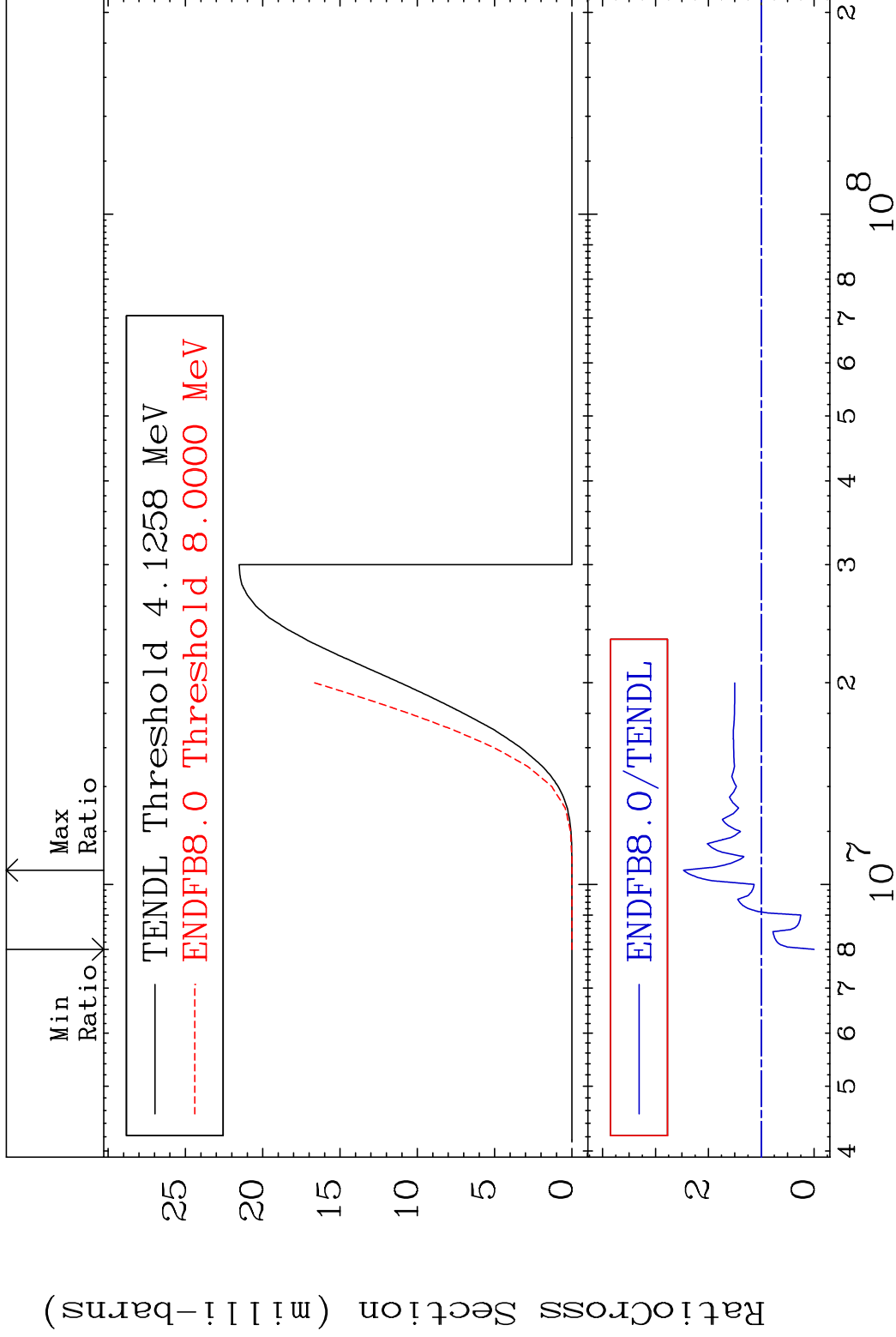
70-Yb-168

MAT 7025

(n, d)

70-Yb-168

Cross Section -100.0 To 147.1 %

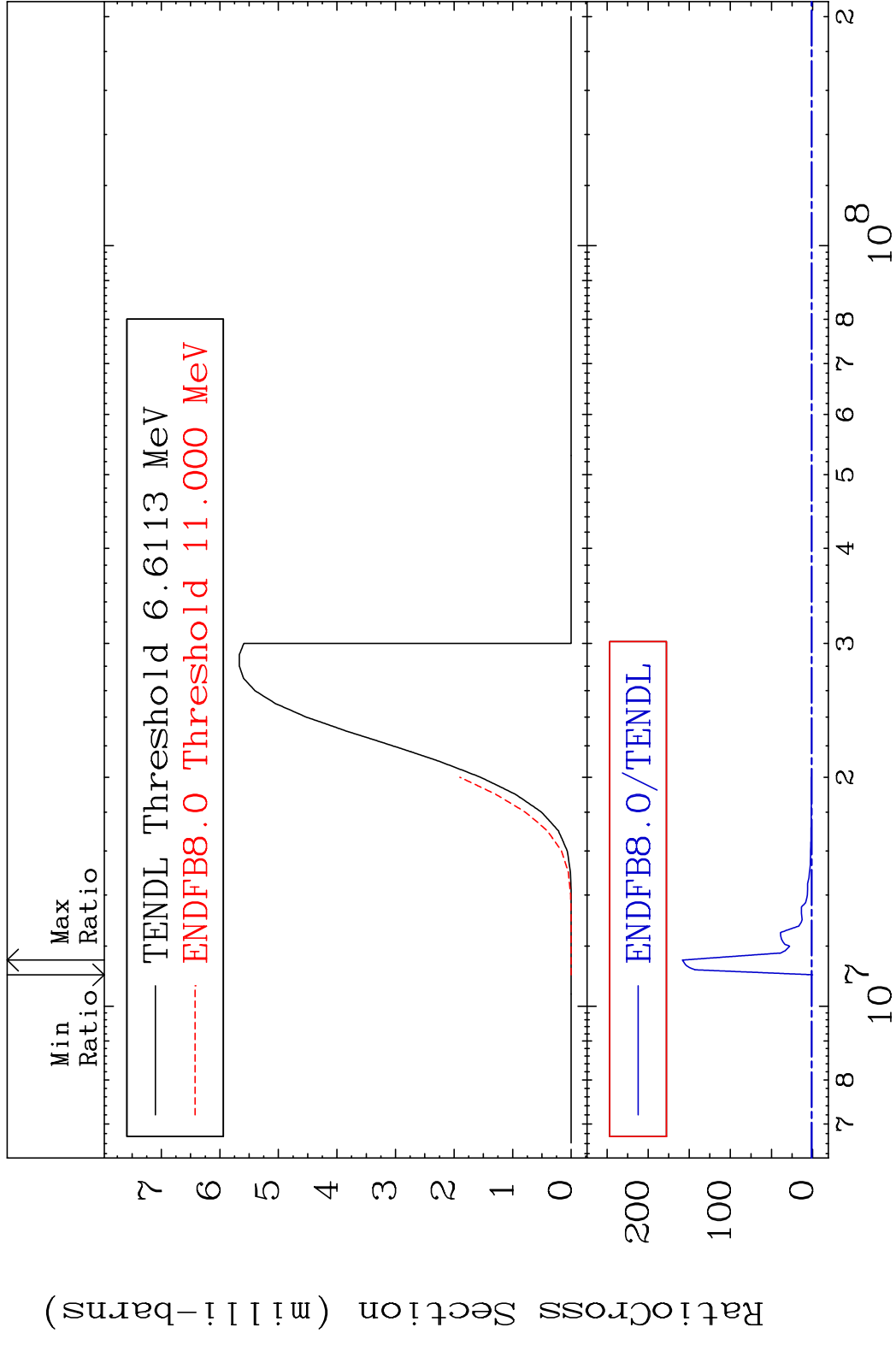


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Incident Energy (eV)

70-Yb-168

MAT 7025 (n, t) 70-Yb-168
 Cross Section -100.0 To 9999. %

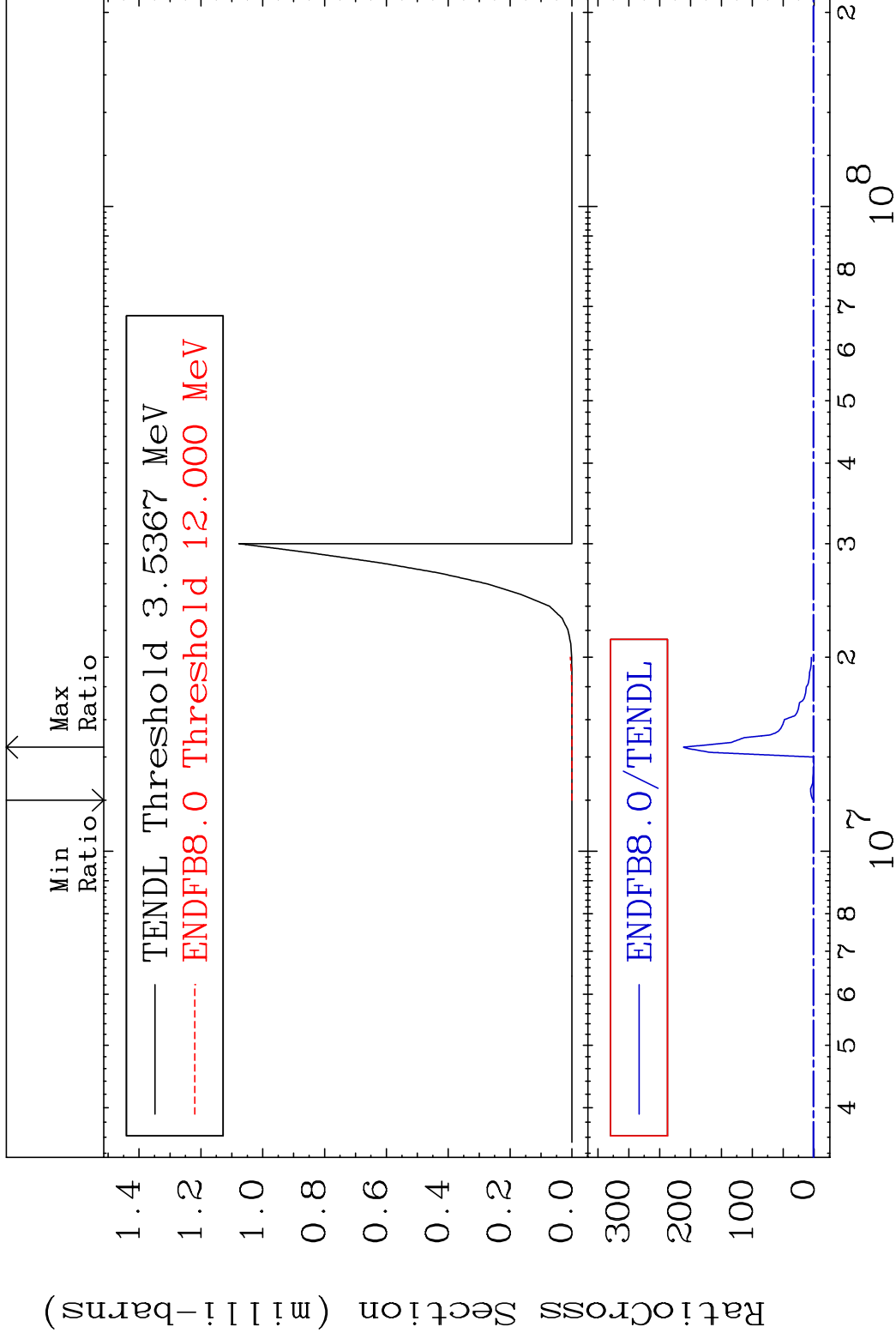


MAT 7025

(n, He-3)

70-Yb-168

Cross Section -100.0 To 9999. %

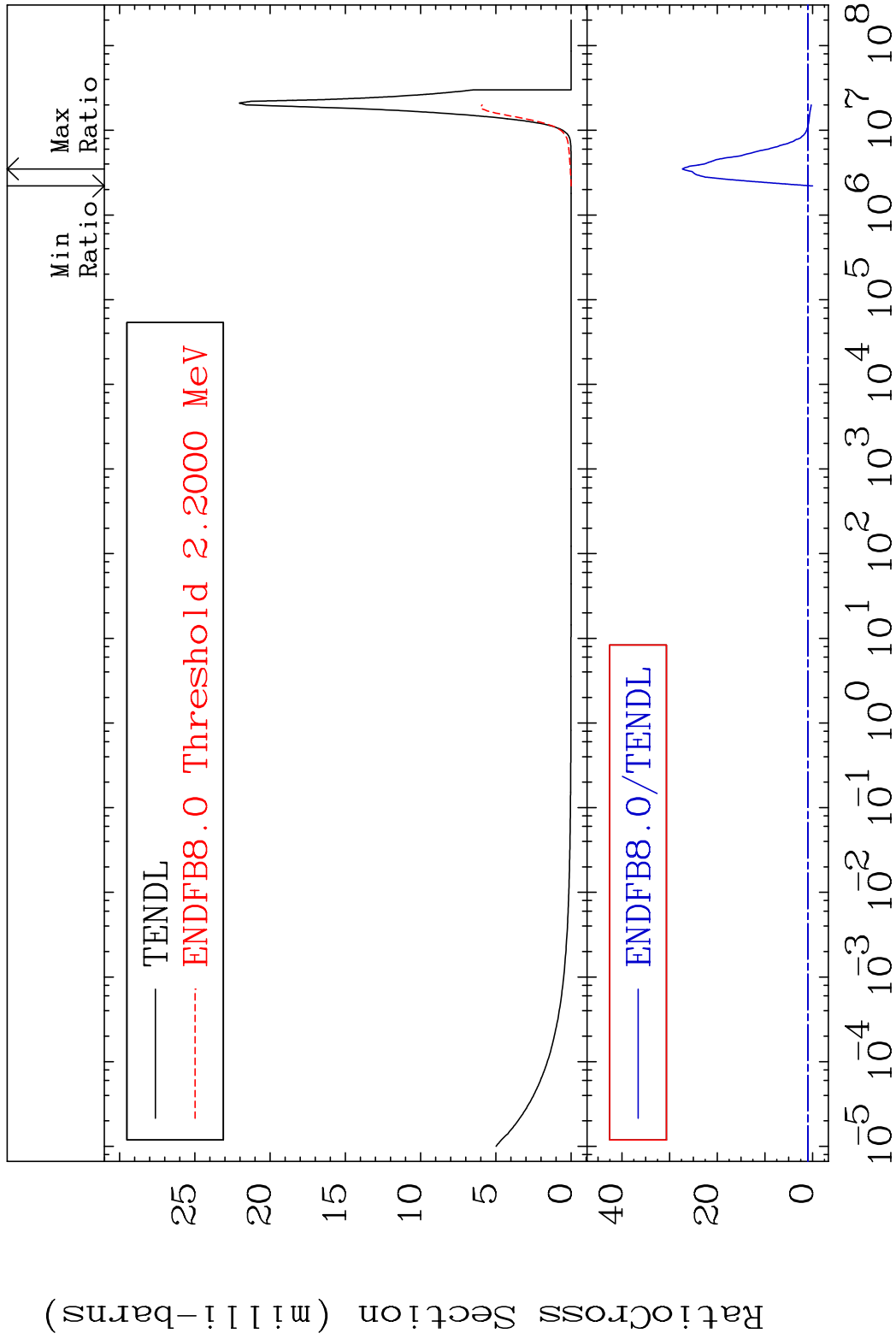


MAT 7025

(n, α)

70-Yb-168

Cross Section -100.0 To 2631. %



29

Incident Energy (eV)

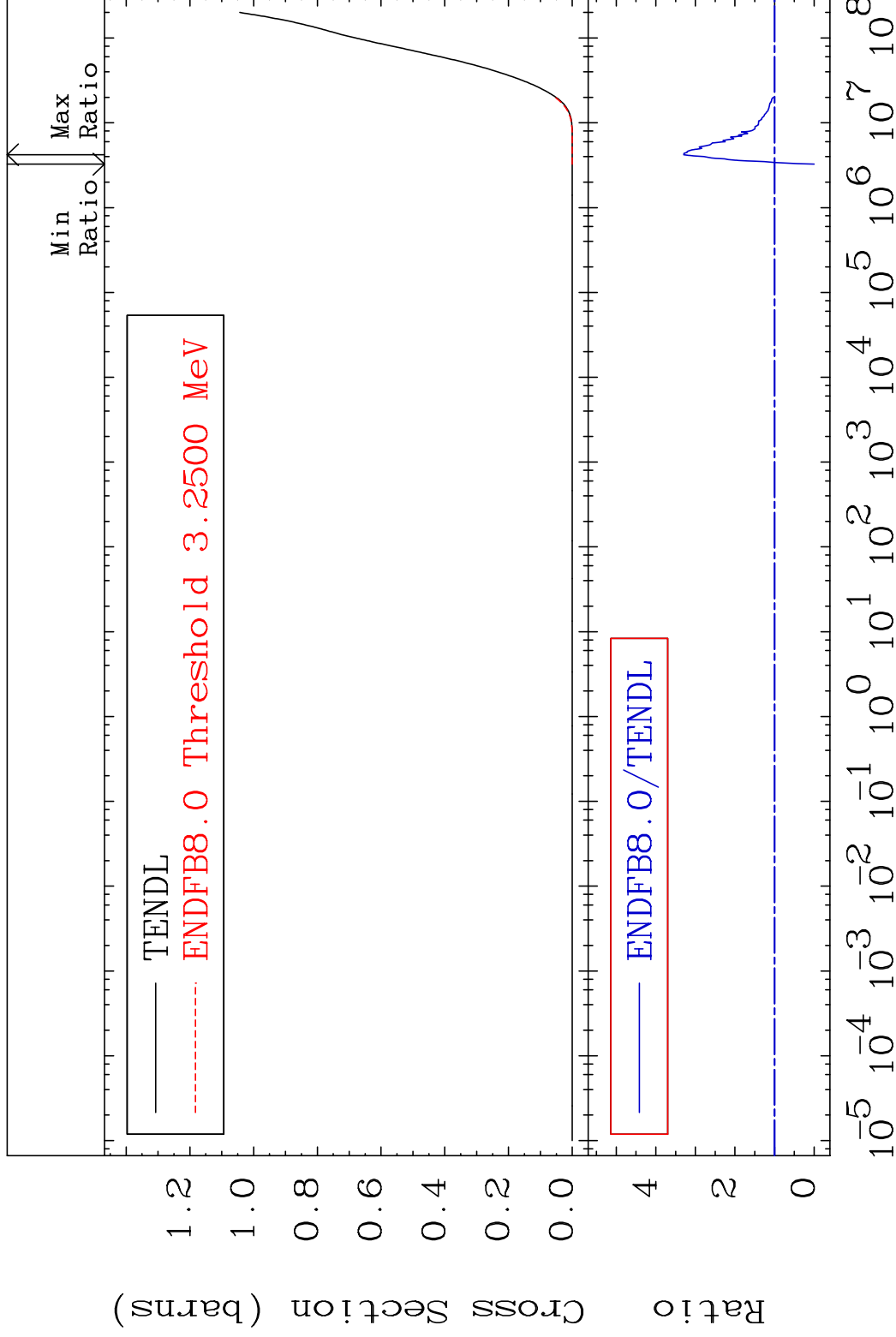
70-Yb-168

MAT 7025

Hydrogen Production

70-Yb-168

Cross Section -100.0 To 229.7 %

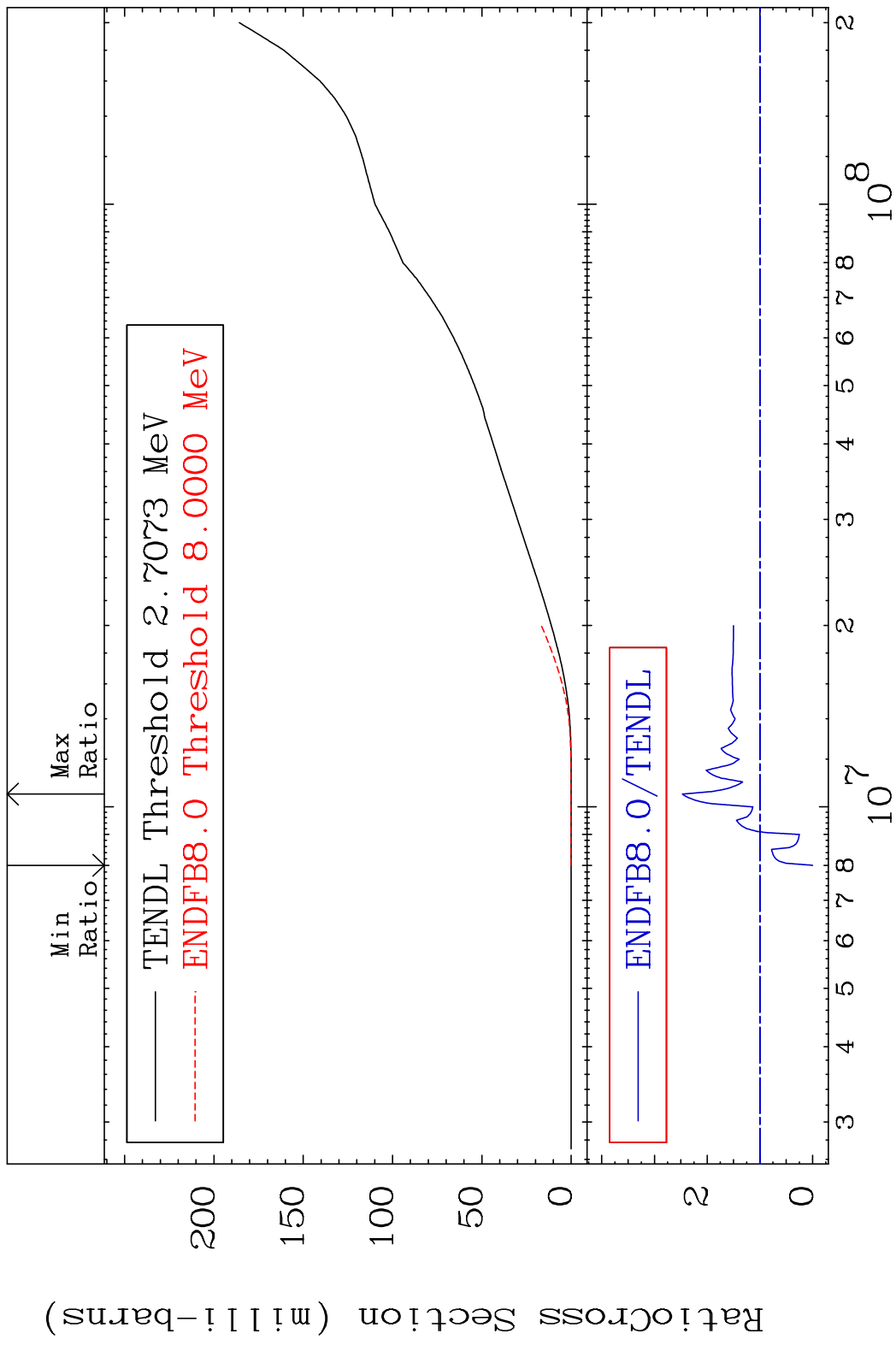


30

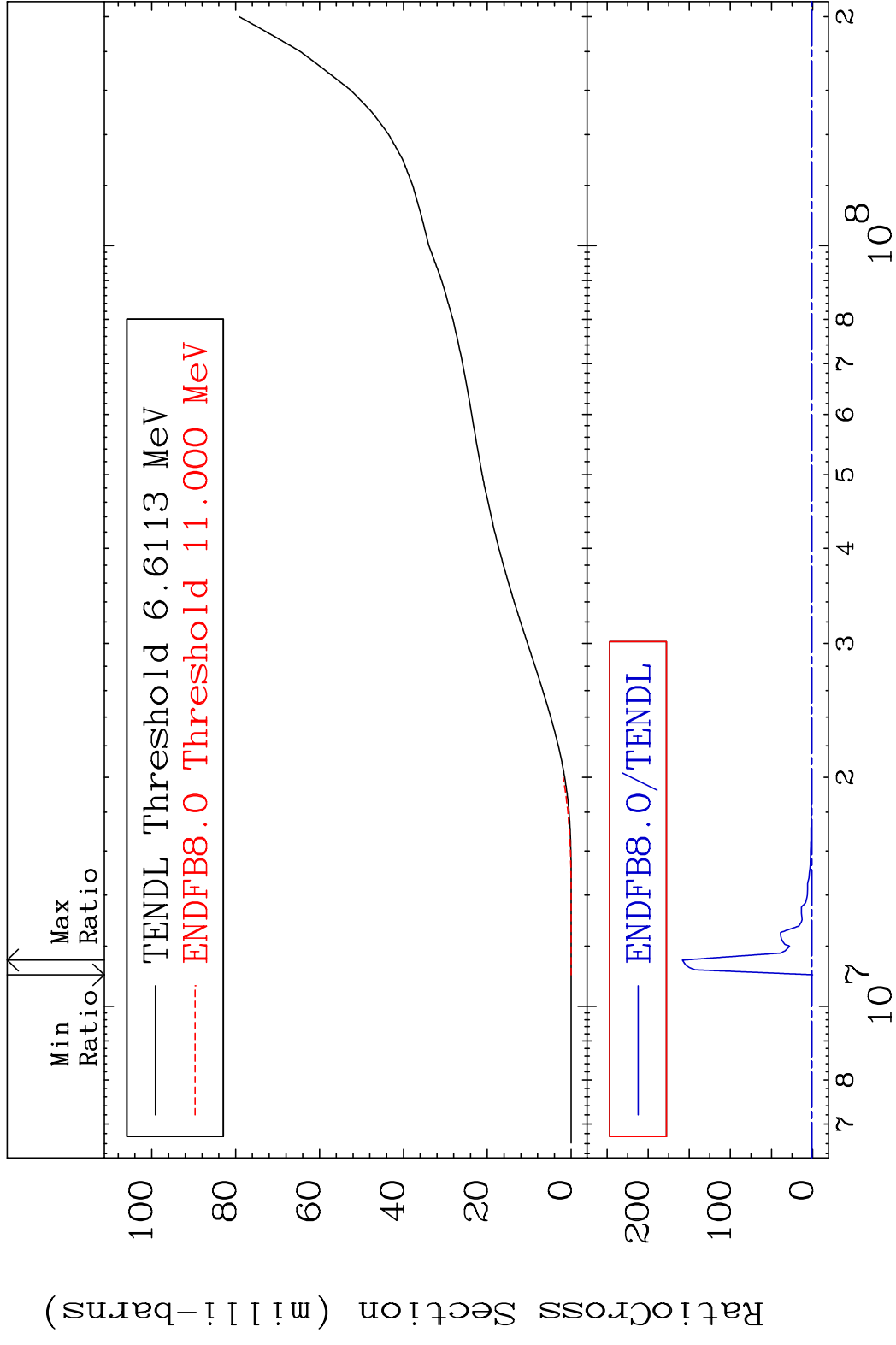
Incident Energy (eV)

70-Yb-168

MAT 7025 Deuterium Production 70-Yb-168
 Cross Section -100.0 To 147.1 %



MAT 7025 Tritium Production 70-Yb-168
 Cross Section -100.0 To 9999. %

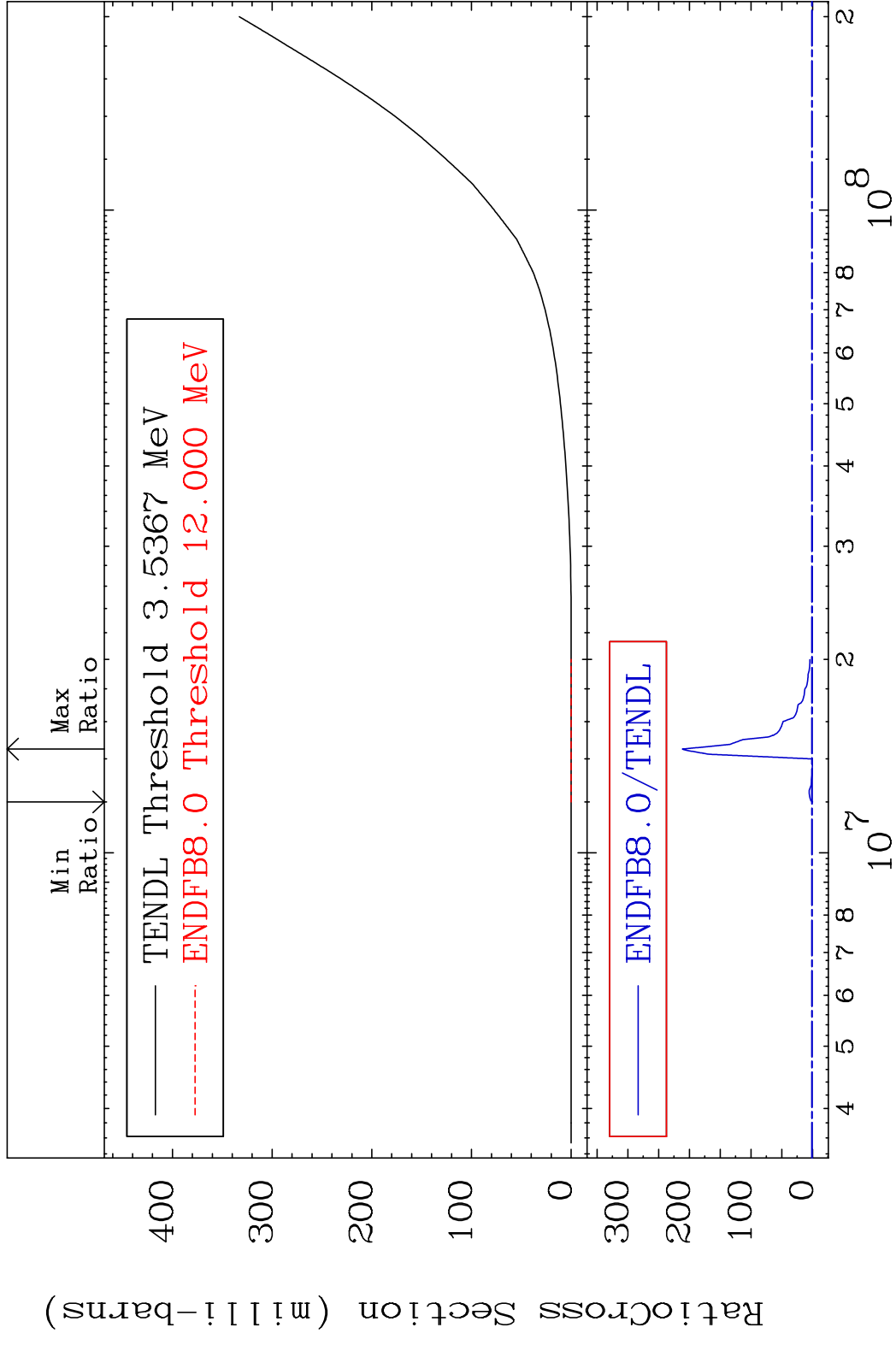


MAT 7025

He-3 Production

70-Yb-168

Cross Section -100.0 To 9999. %

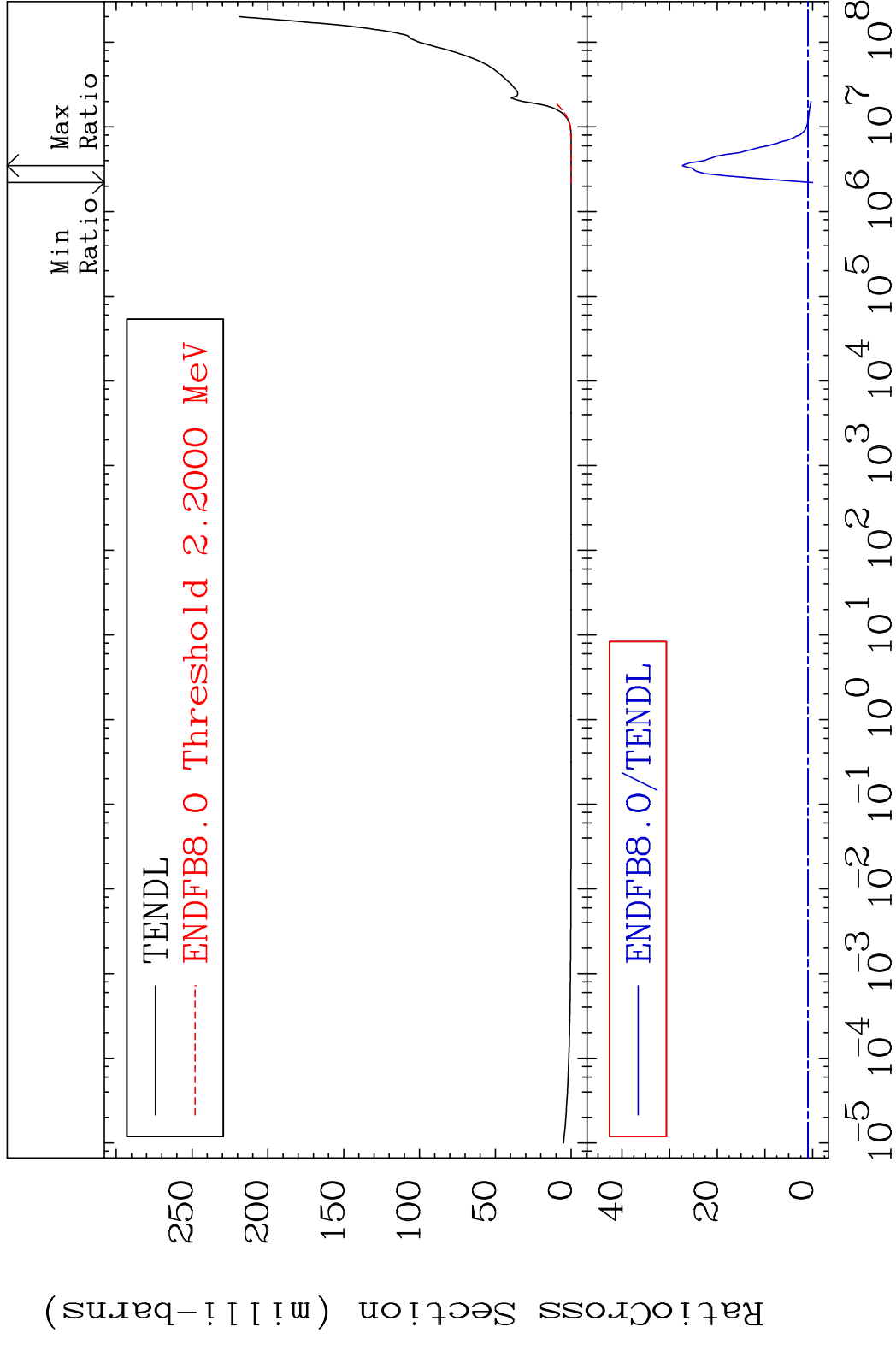


MAT 7025

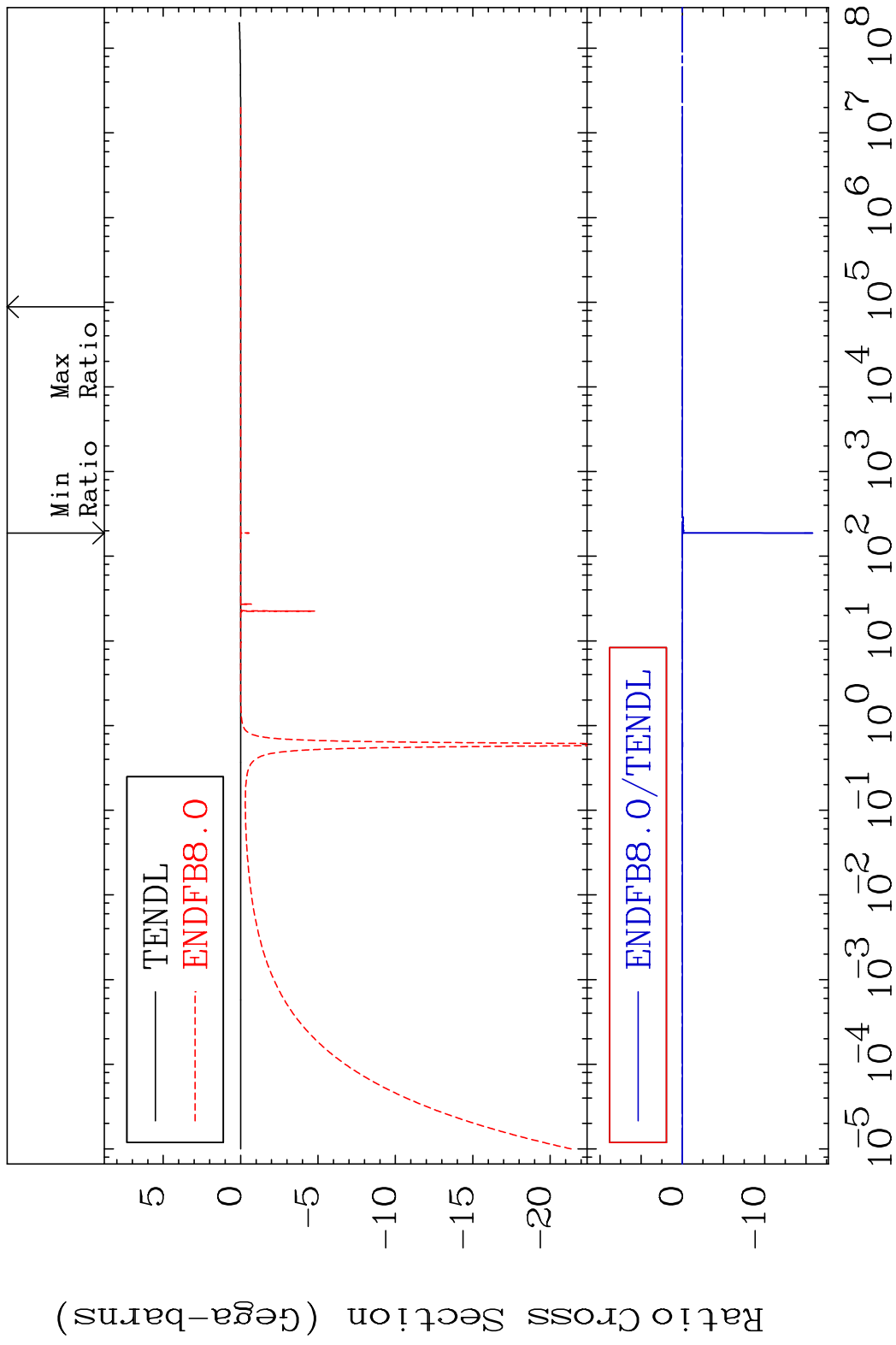
He-4 Production

70-Yb-168

Cross Section -100.0 To 2631. %



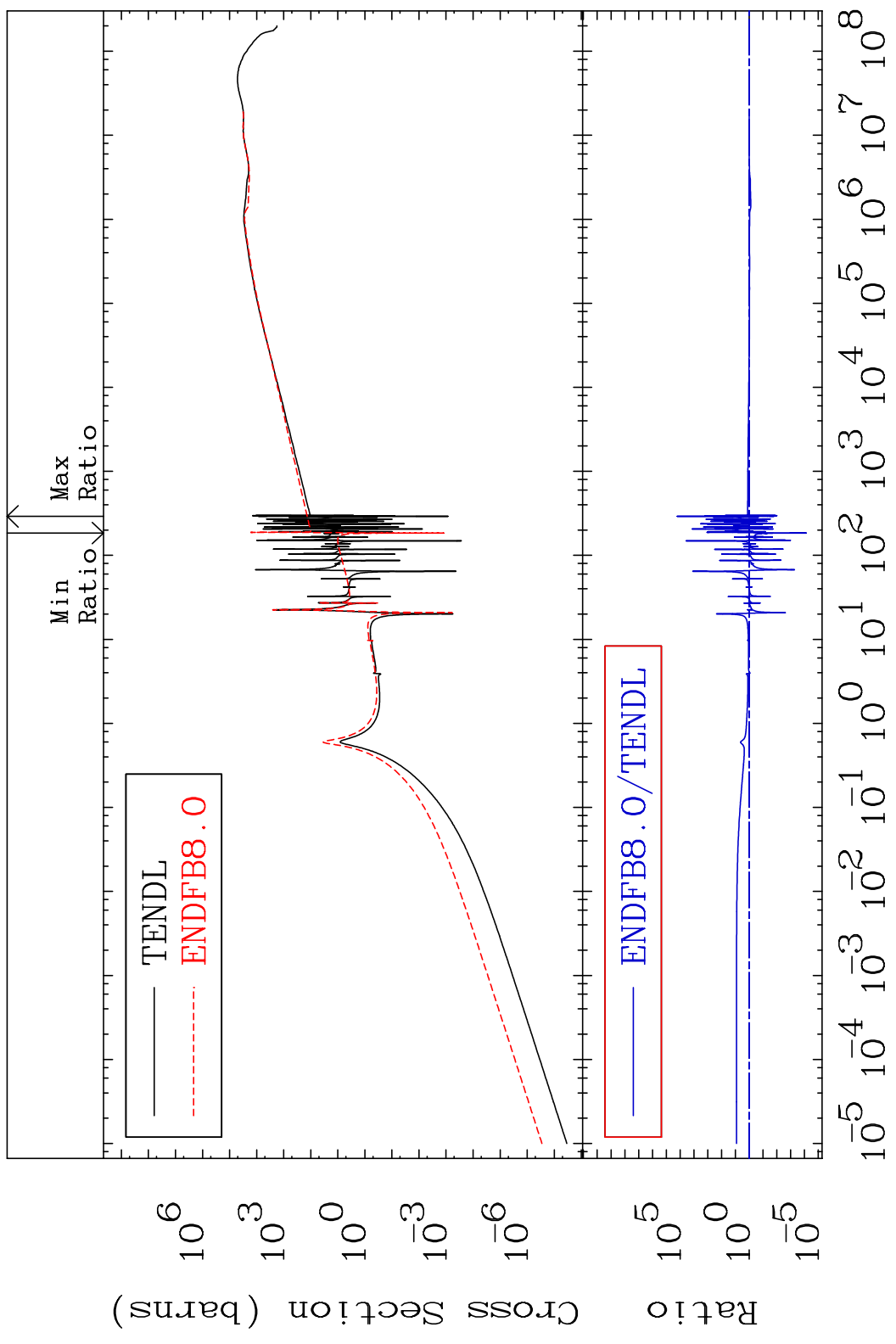
MAT 7025 Kerma total (eV-barns) 70-Yb-168
 Cross Section -9999. To 156.9 %



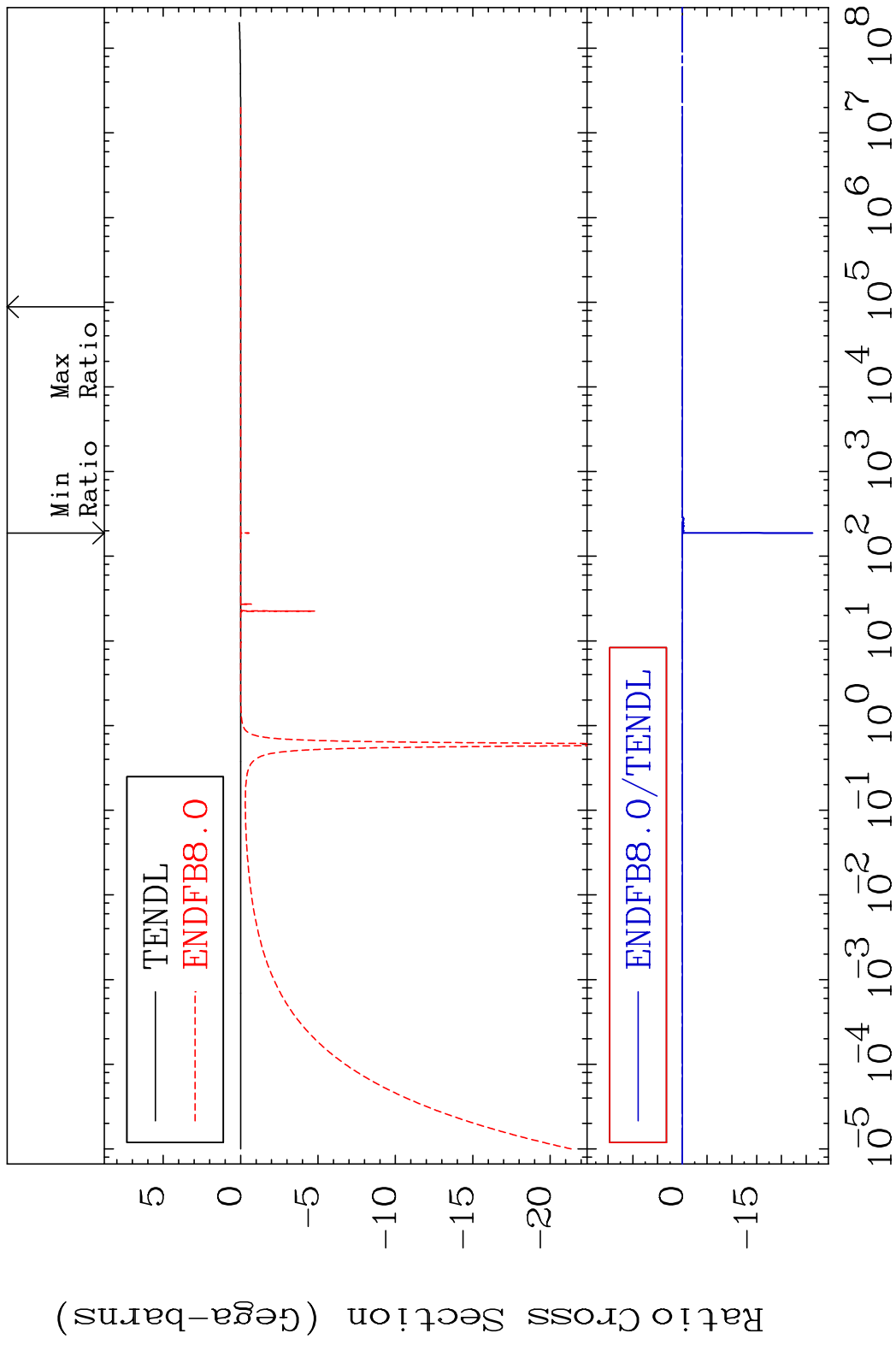
MAT 7025

Kerma elastic Cross Section -99.99 To 9999. %

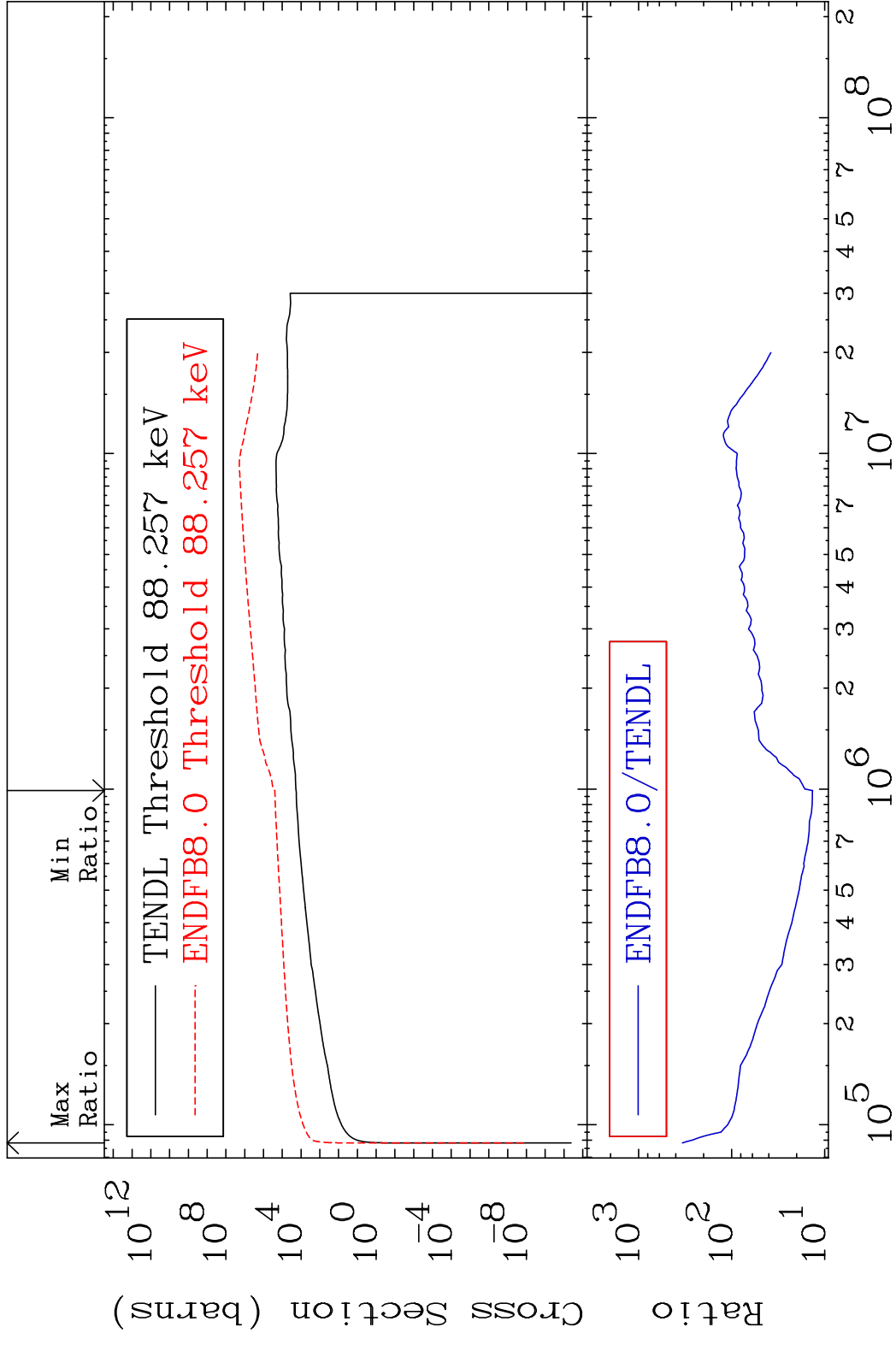
70-Yb-168



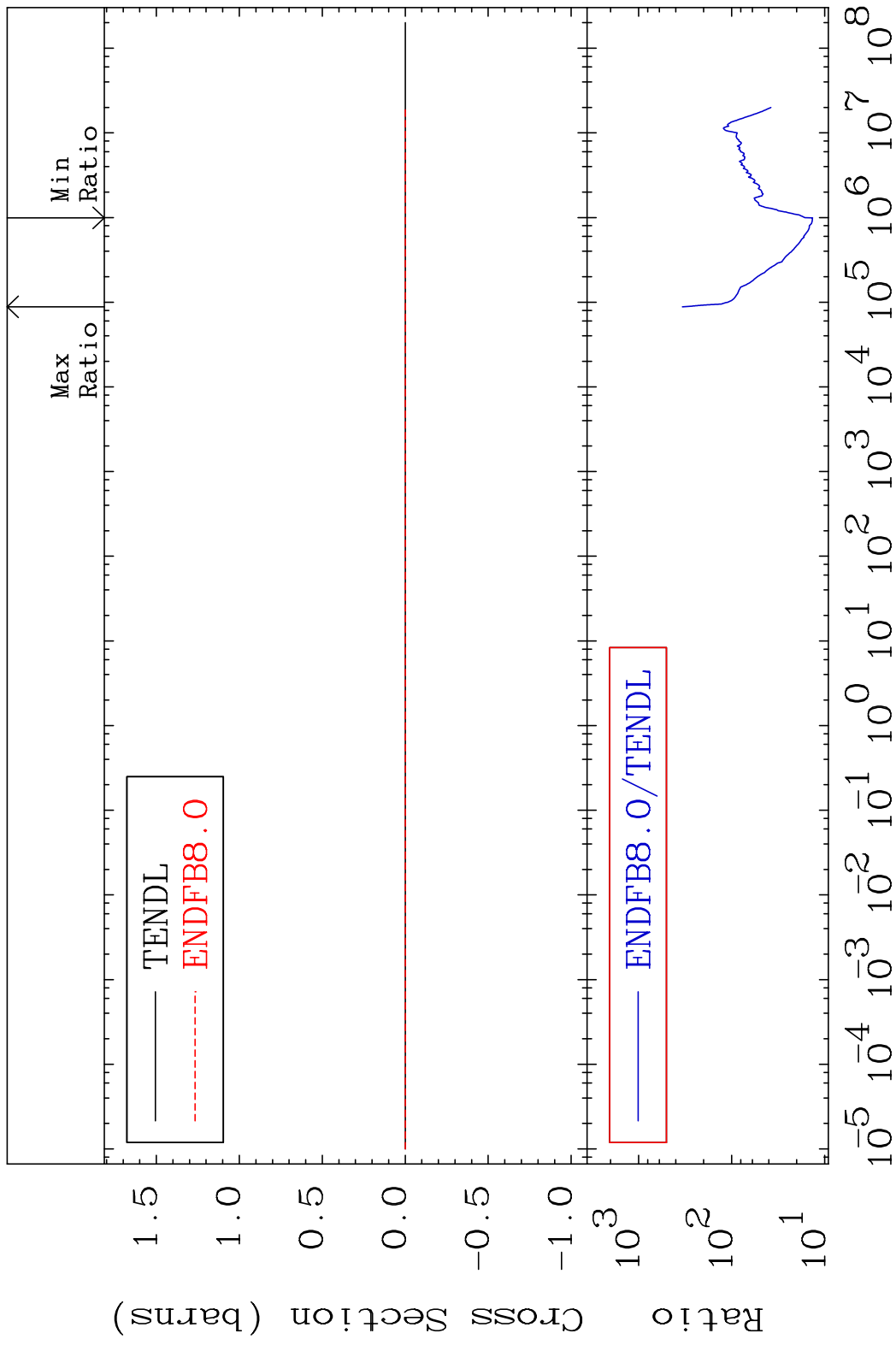
MAT 7025 Kerma non-elastic (all but mt2) 70-Yb-168
 Cross Section -9999. To 9999. %



MAT 7025 Kerma inelastic (mt51-91) 70-Yb-168
 Cross Section 1253. To 9999. %



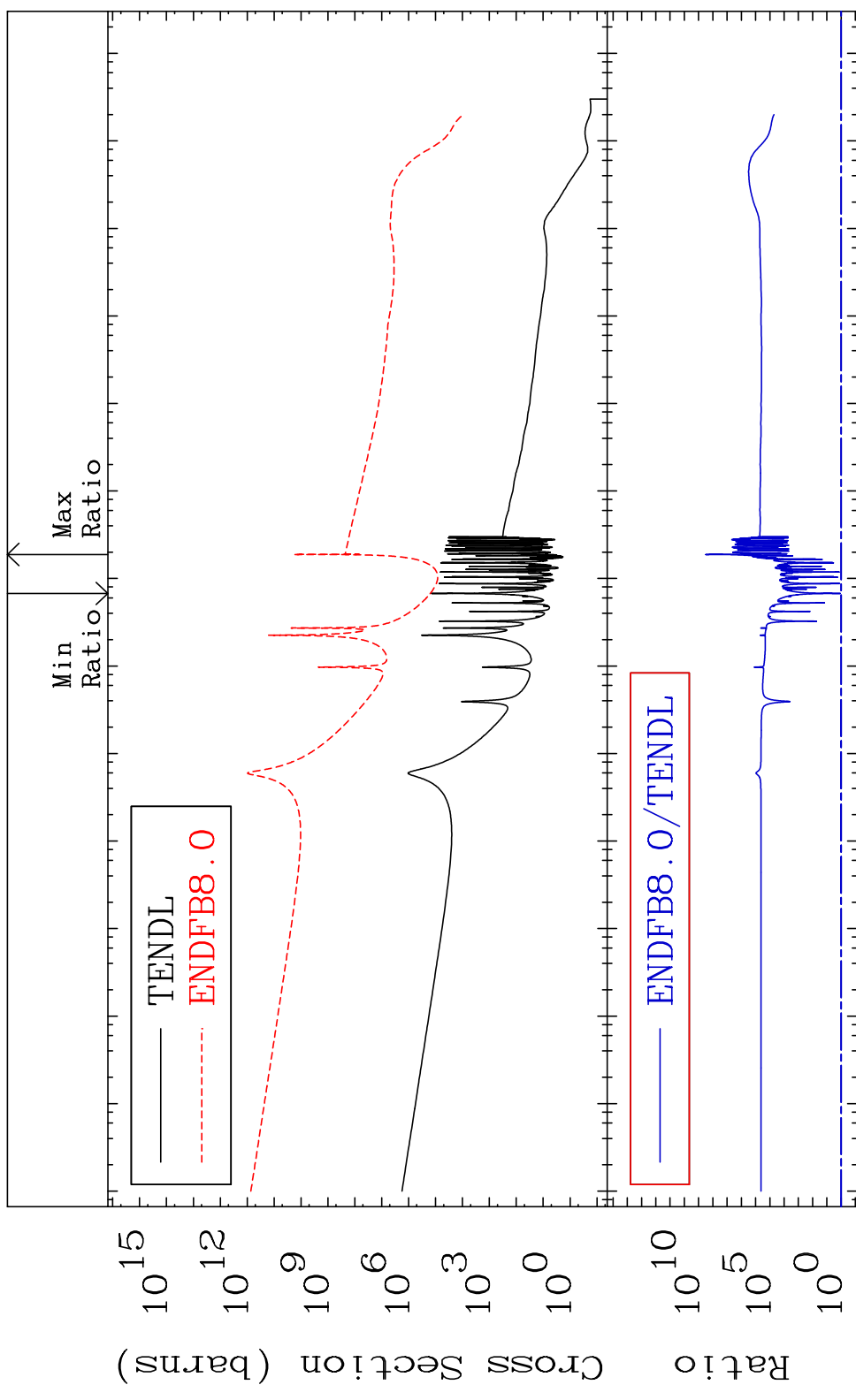
MAT 7025 Kerma fission (mt18 or mt19-20-21-38) 70-Yb-168
 Cross Section 1253. To 9999. %



MAT 7025

Kerma capture (mt102) 70-Yb-168

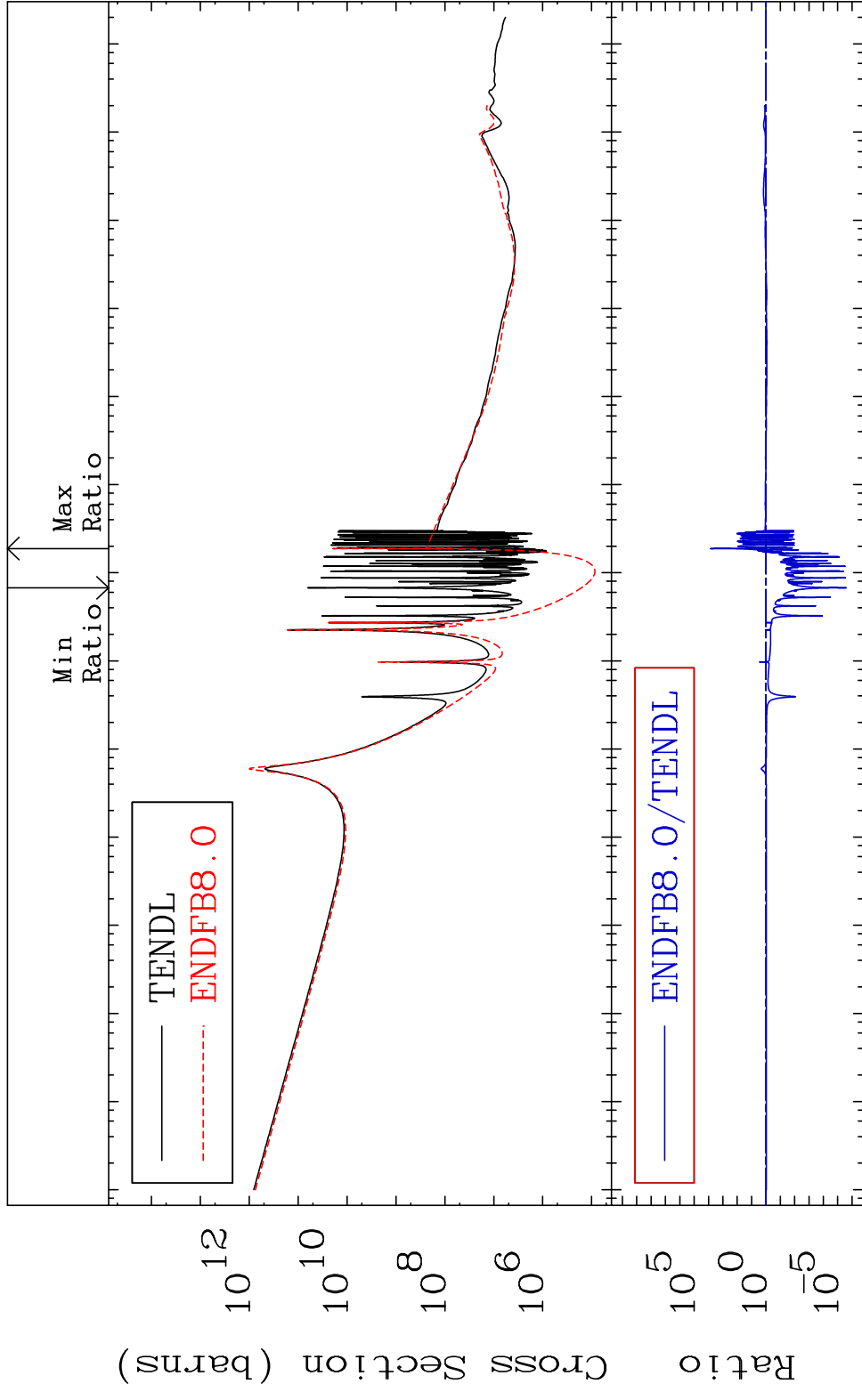
Cross Section 11.88 To 9999. %



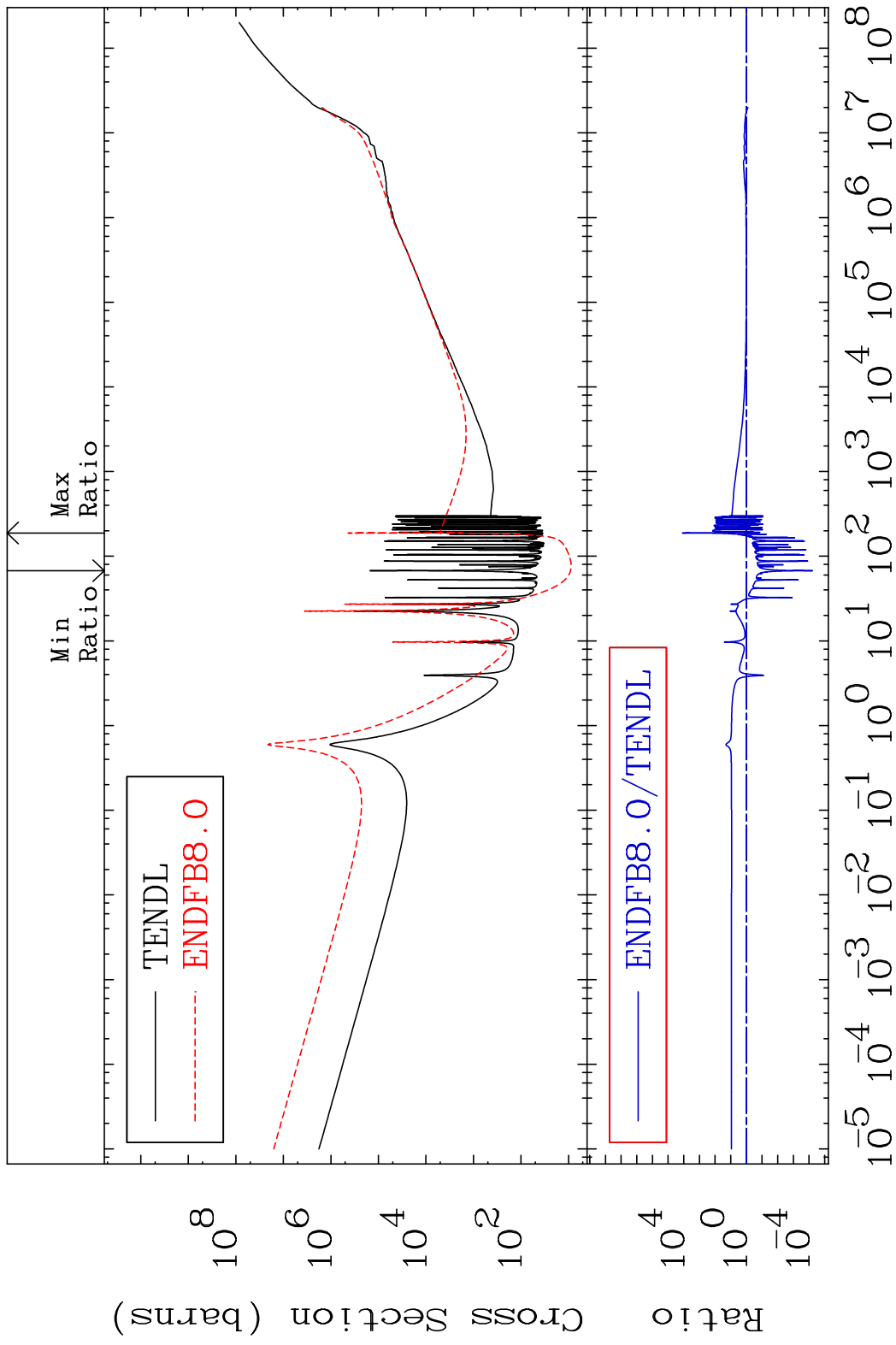
40

Incident Energy (eV) 70-Yb-168

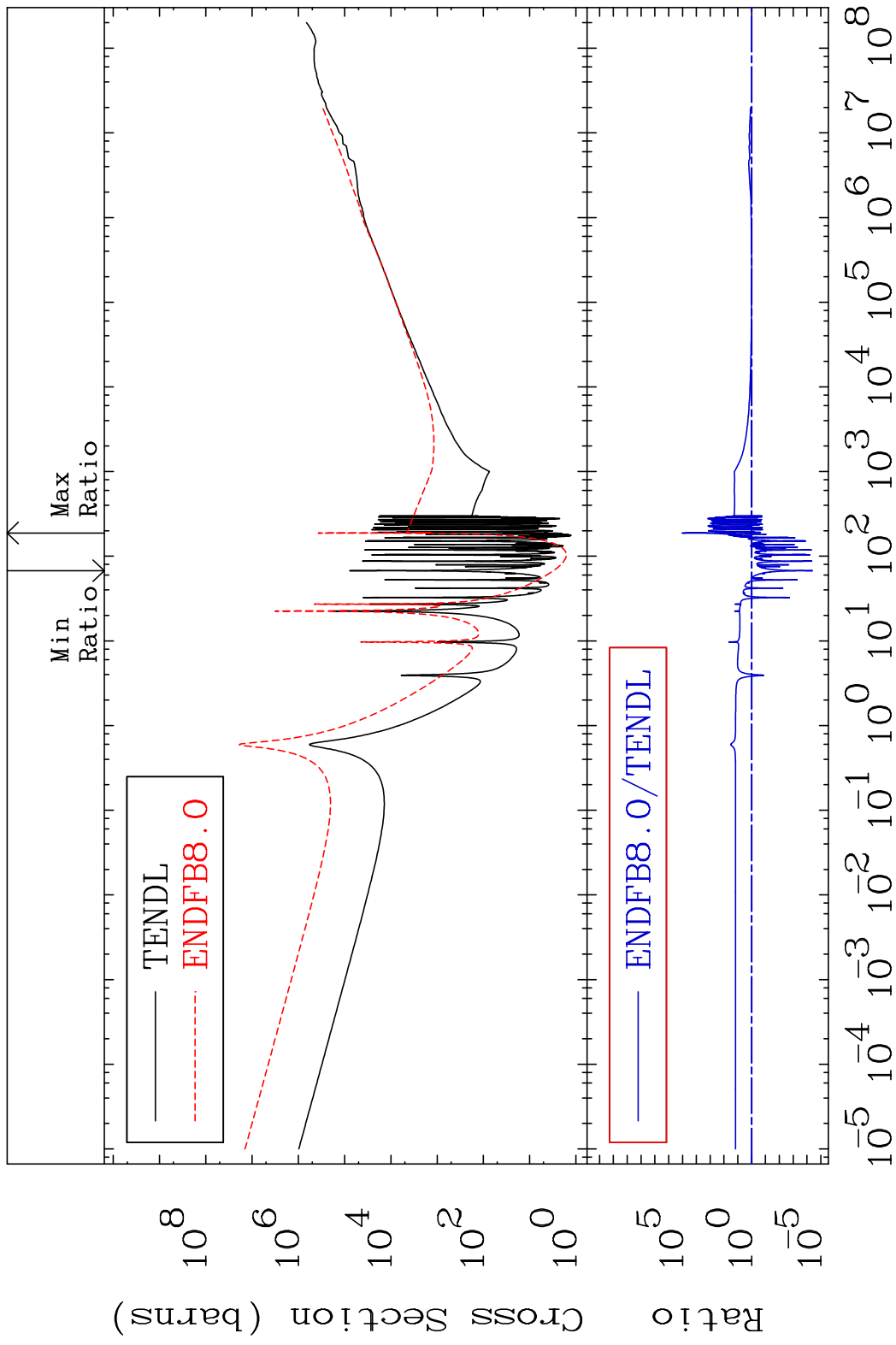
MAT 7025 Total photon (eV-barns) 70-Yb-168
 Cross Section -100.0 To 9999. %



MAT 7025 Total kinematic kerma (high limit) 70-Yb-168
 Cross Section -99.99 To 9999. %



MAT 7025 Dpa total (eV-barns) 70-Yb-168
 Cross Section -100.0 To 9999. %



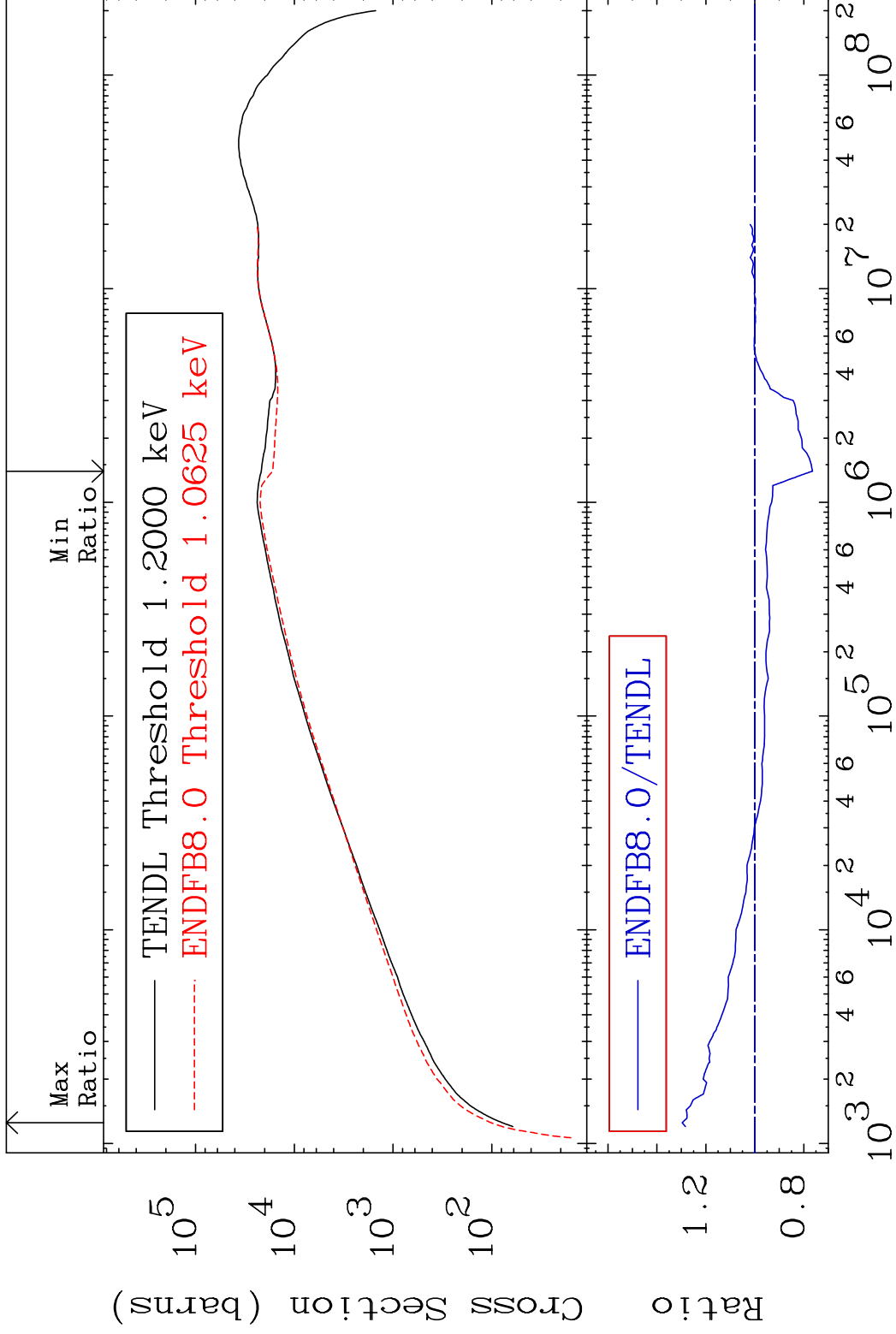
MAT 7025

Dpa elastic (mt2)

70-Yb-168

Cross Section

-23.56 To 29.68 %



44

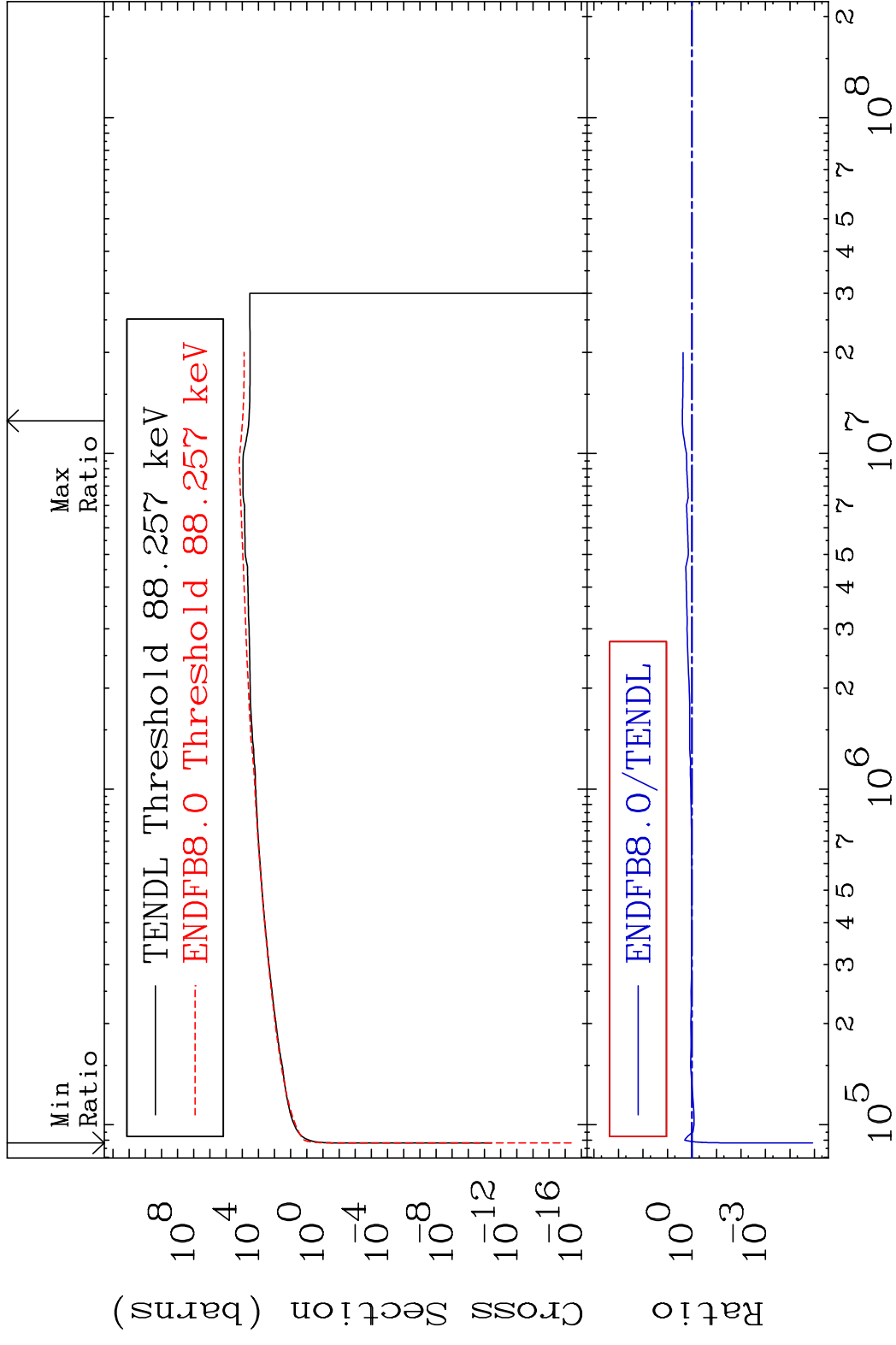
Incident Energy (eV)

70-Yb-168

MAT 7025

Dpa inelastic (mt51-91) 70-Yb-168

Cross Section -100.0 To 147.7 %



45

Incident Energy (eV)

70-Yb-168

MAT 7025 Dpa disappearance (mt102 -120) 70-Yb-168
 Cross Section -100.0 To 9999. %

