

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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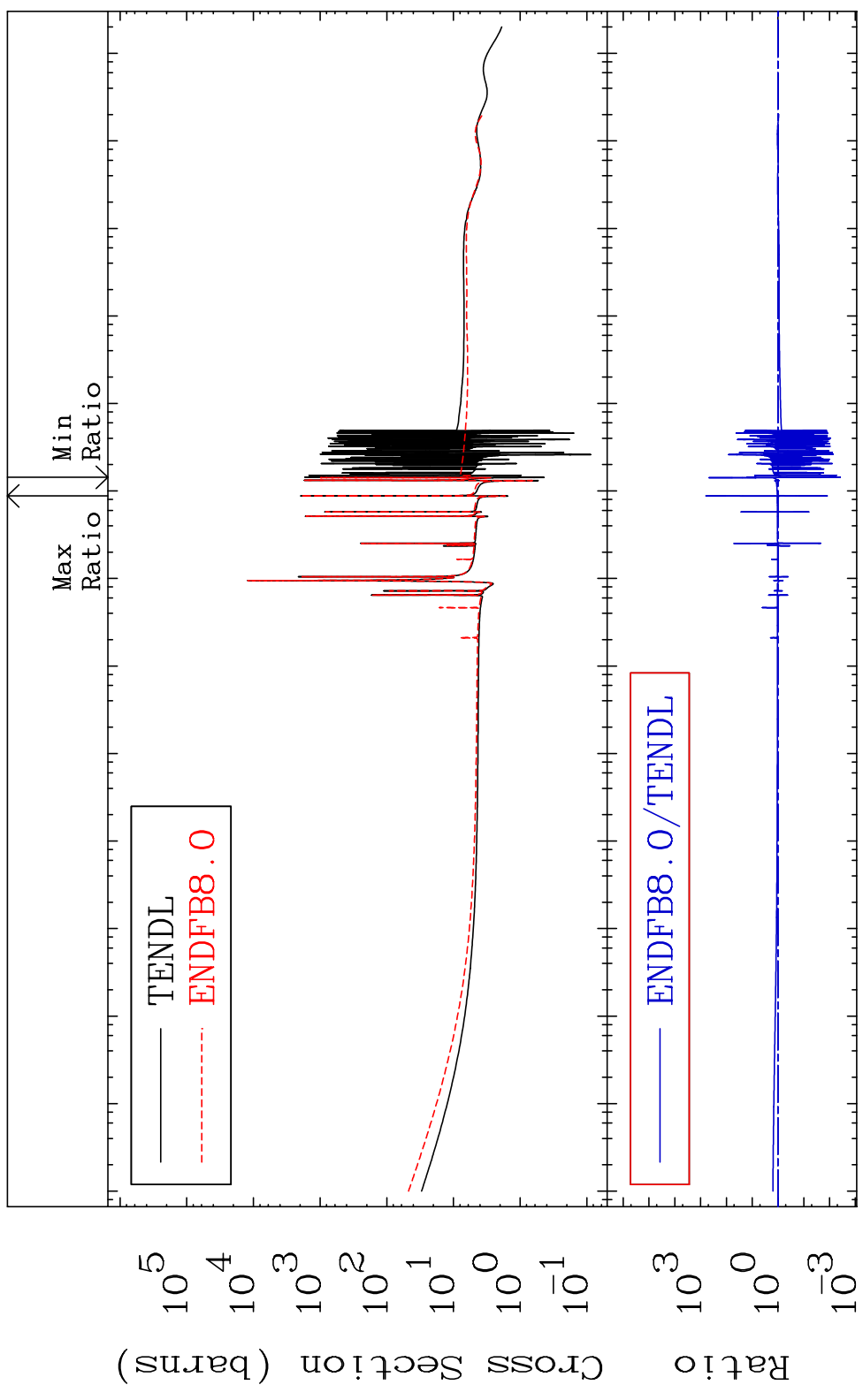
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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5025

Total Cross Section -99.62 To 9999. %
50-Sn-112



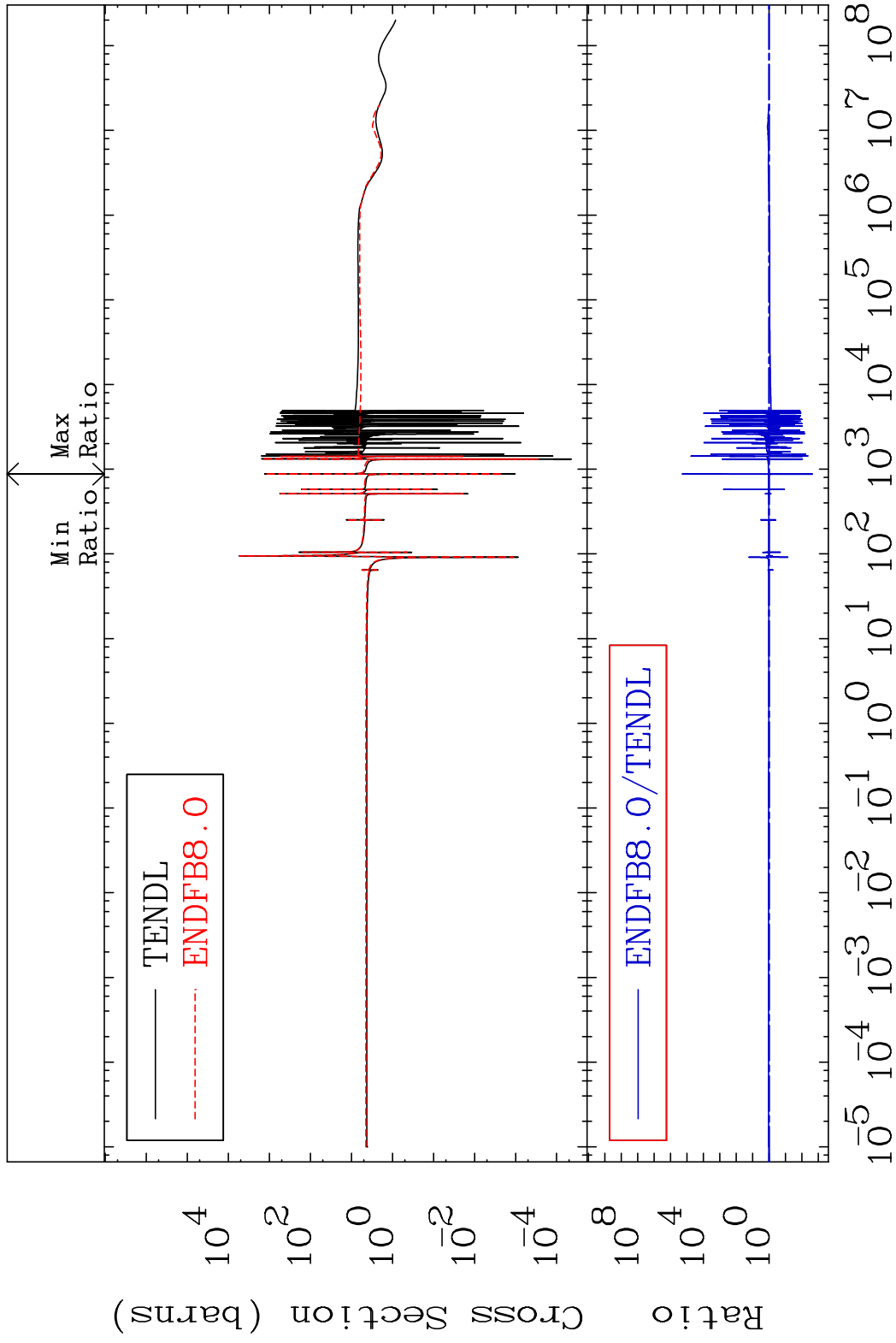
1 Incident Energy (eV) 50-Sn-112

MAT 5025

Elastic

50-Sn-112

Cross Section -99.78 To 9999. %

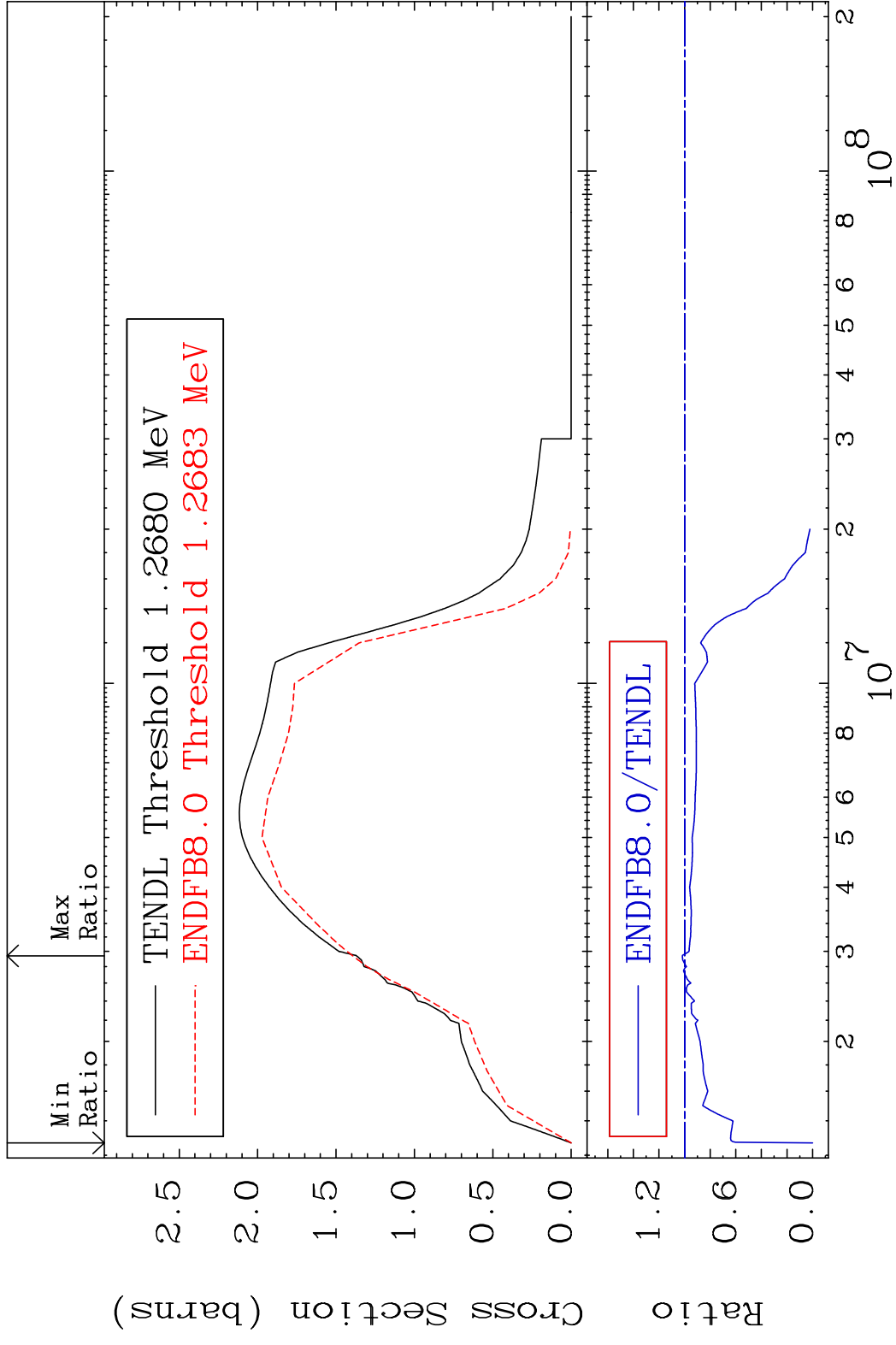


2

Incident Energy (eV)

50-Sn-112

MAT 5025 Inelastic 50-Sn-112
 Cross Section -100.0 To 1.746 %

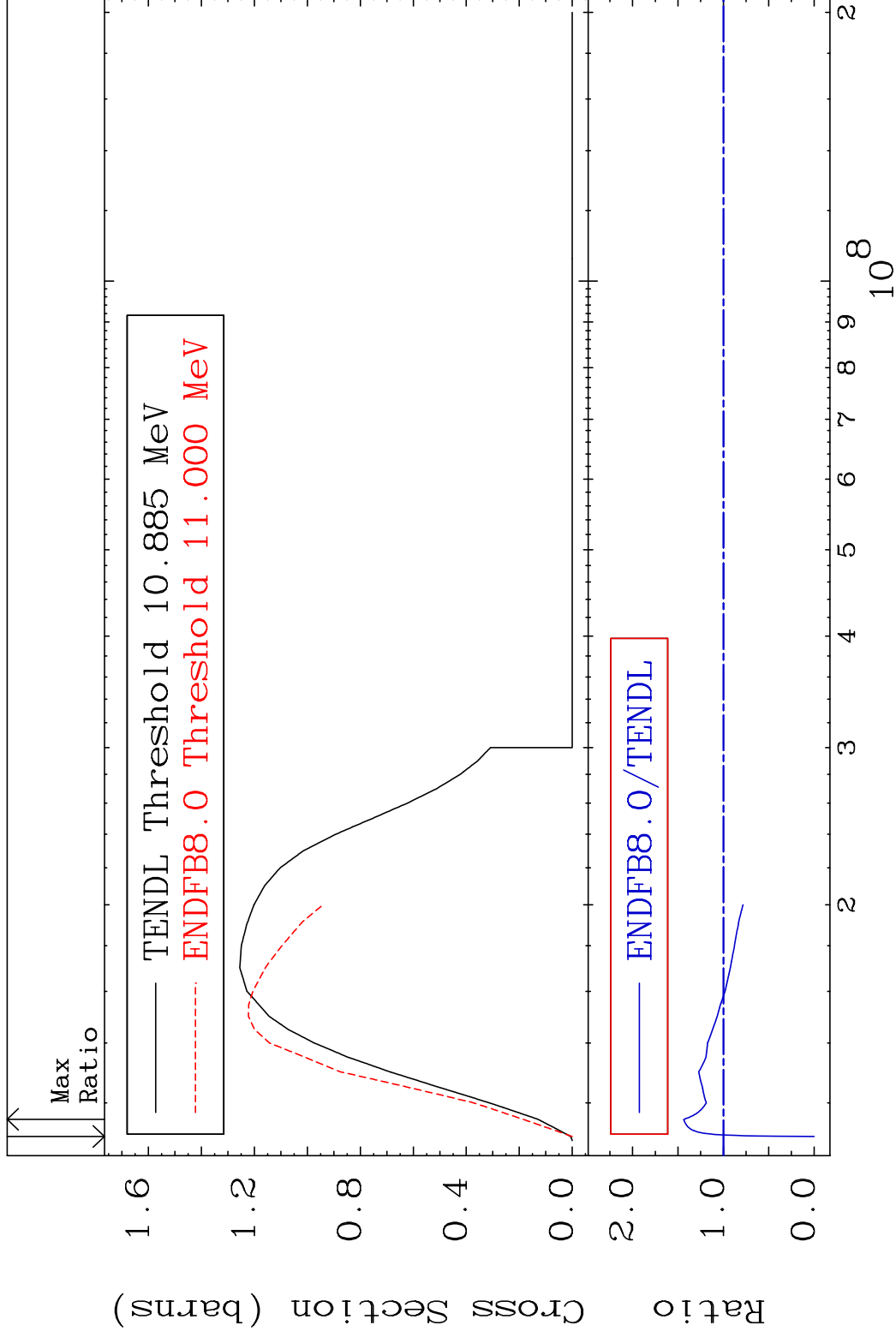


MAT 5025

(n,2n)

50-Sn-112

Cross Section -100.0 To 43.74 %

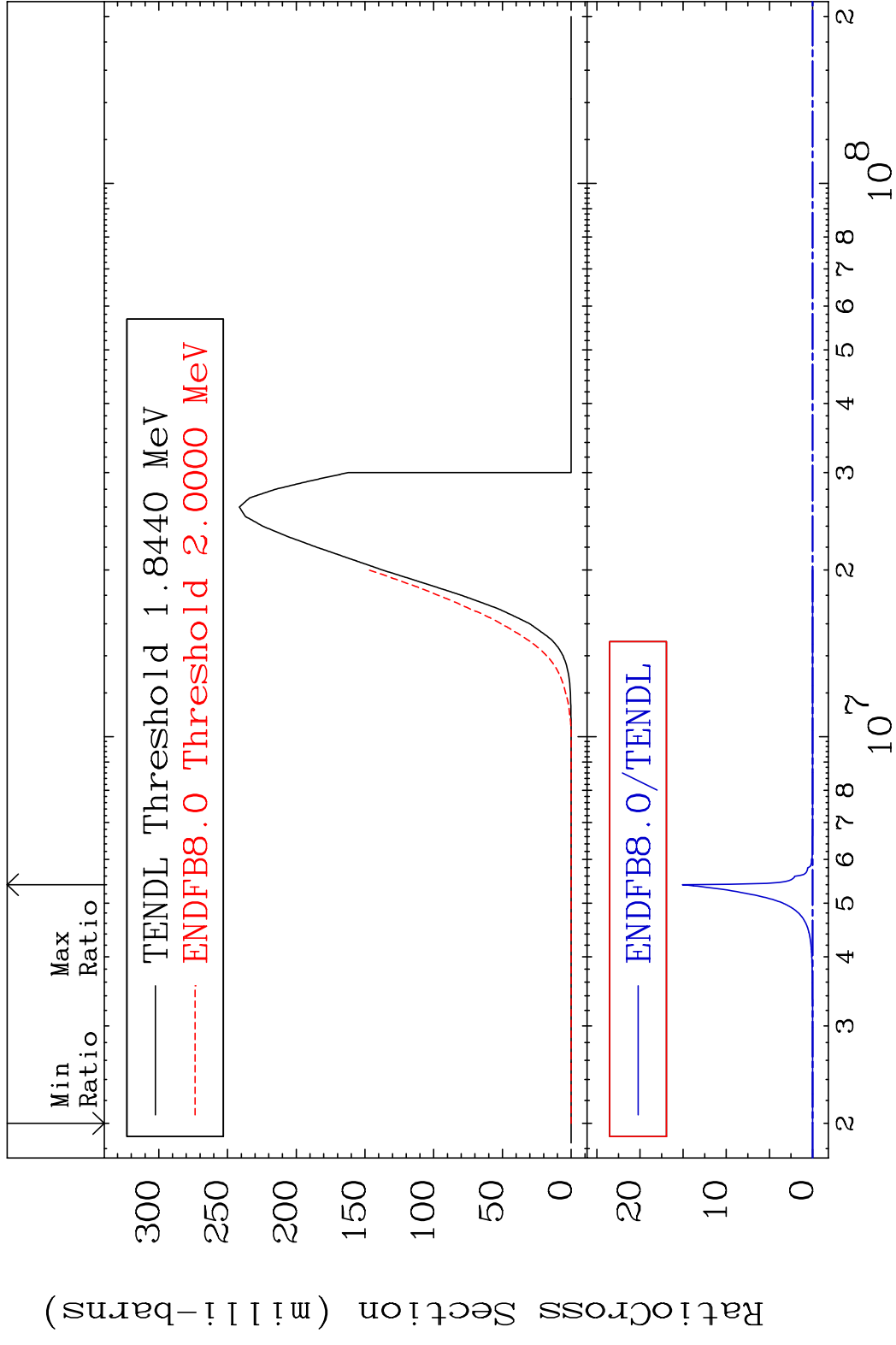


4

Incident Energy (eV)

50-Sn-112

MAT 5025 (n, n') α 50-Sn-112
 Cross Section -100.0 To 9999. %

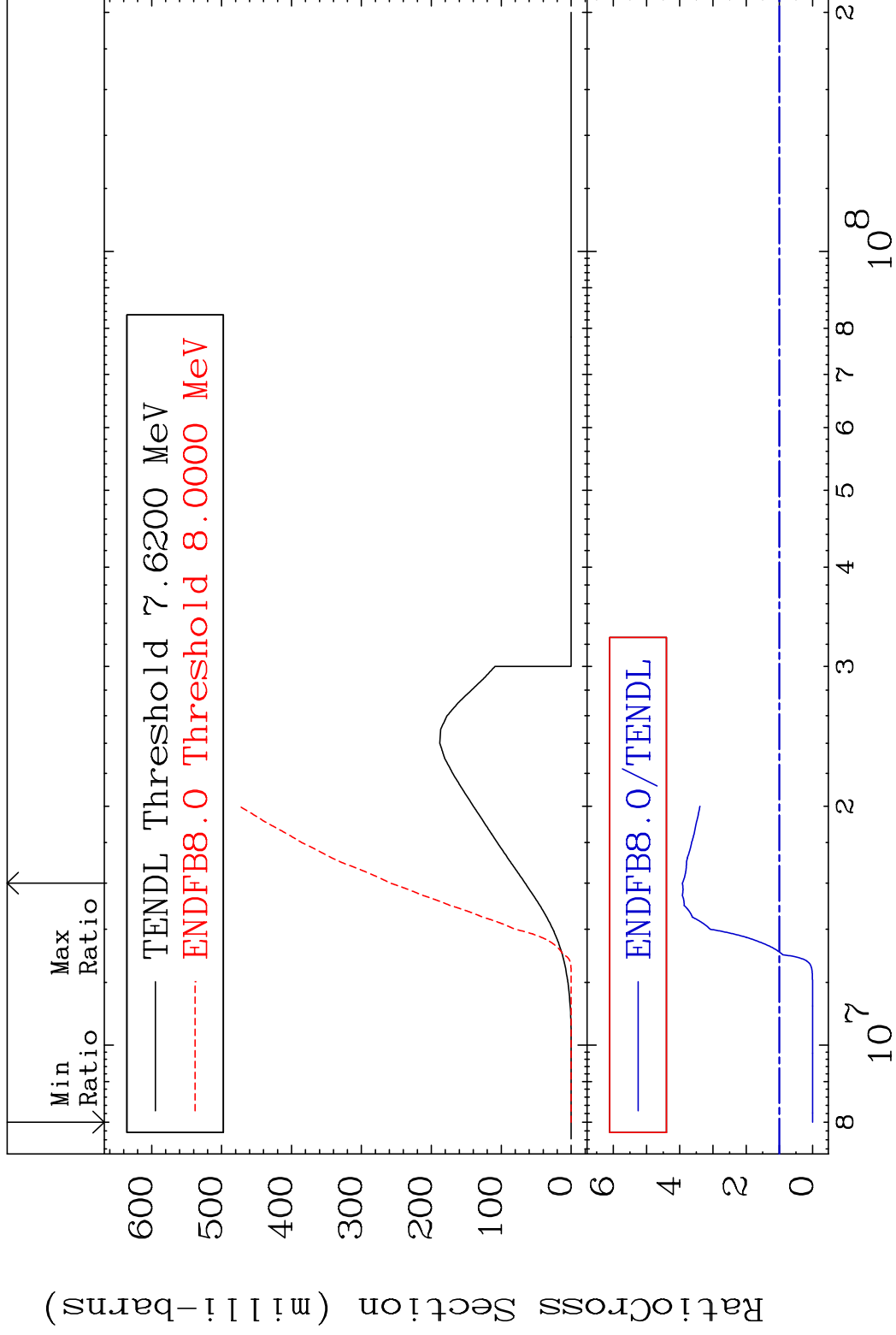


MAT 5025

(n, n') p

50-Sn-112

Cross Section -100.0 To 292.1 %

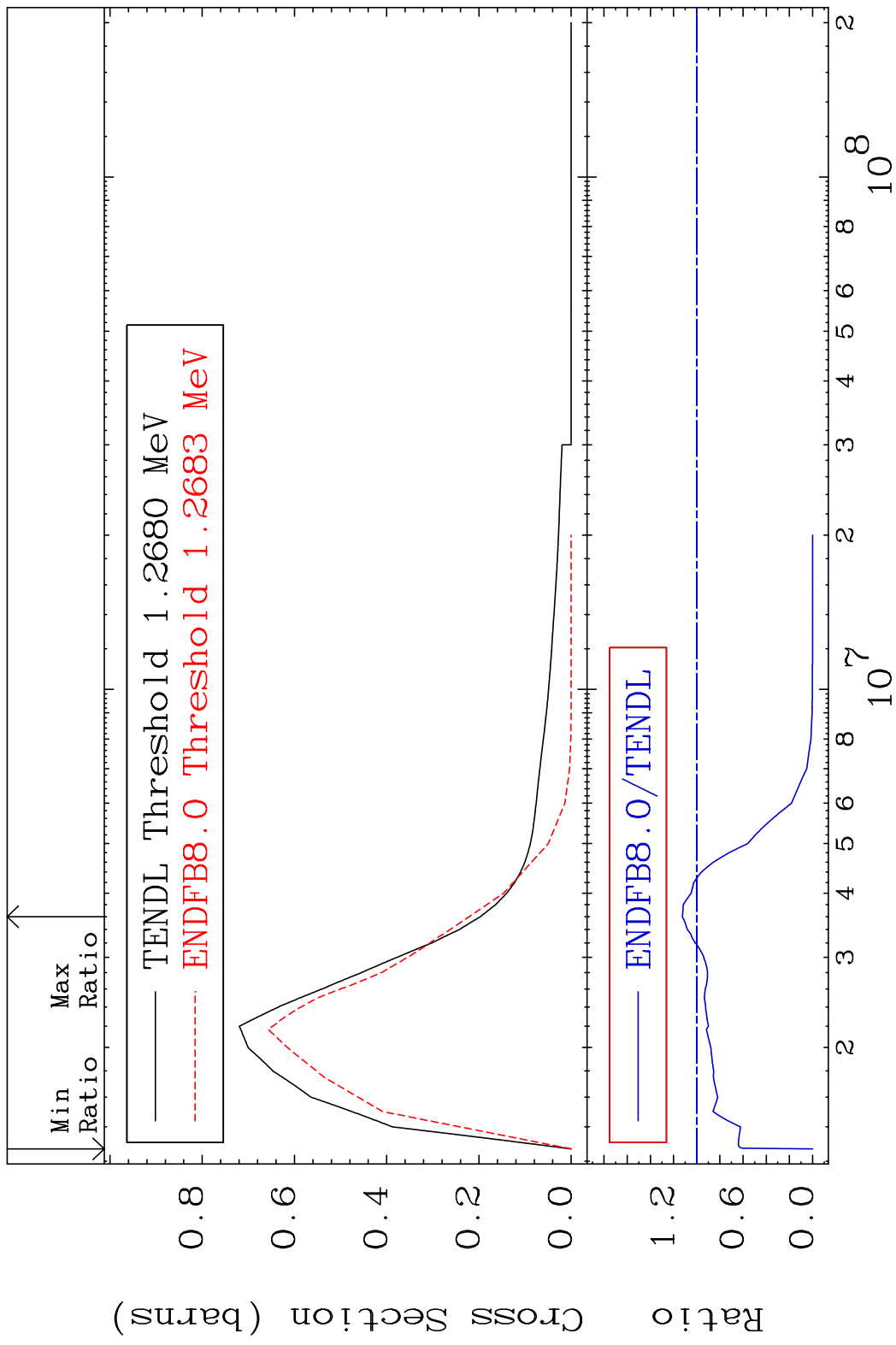


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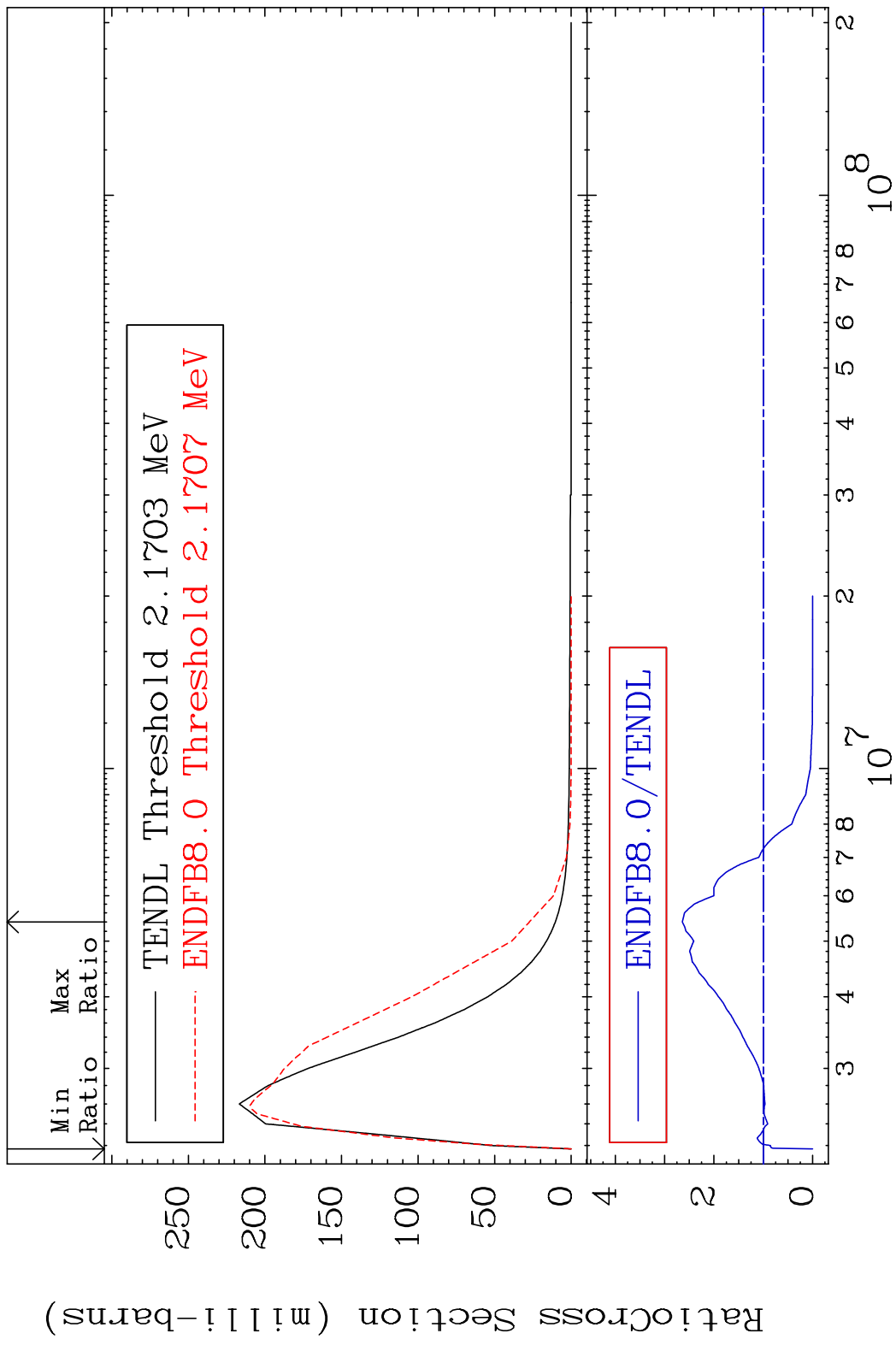
Incident Energy (eV)

50-Sn-112

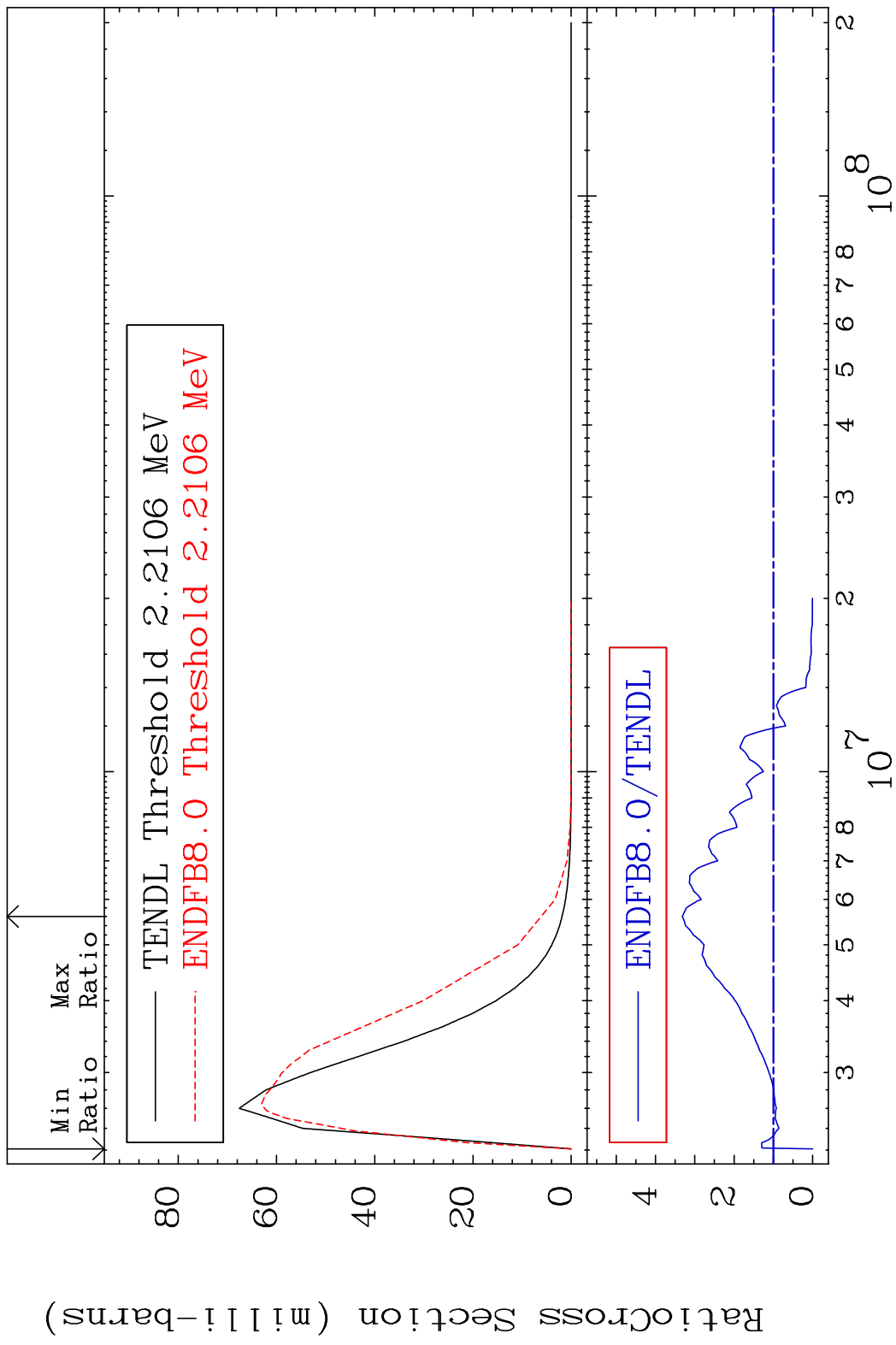
MAT 5025 MT= 51 (n, n') Level 50-Sn-112
 Cross Section -100.0 To 12.39 %



MAT 5025 MT= 52 (n,n') Level 50-Sn-112
 Cross Section -100.0 To 164.1 %

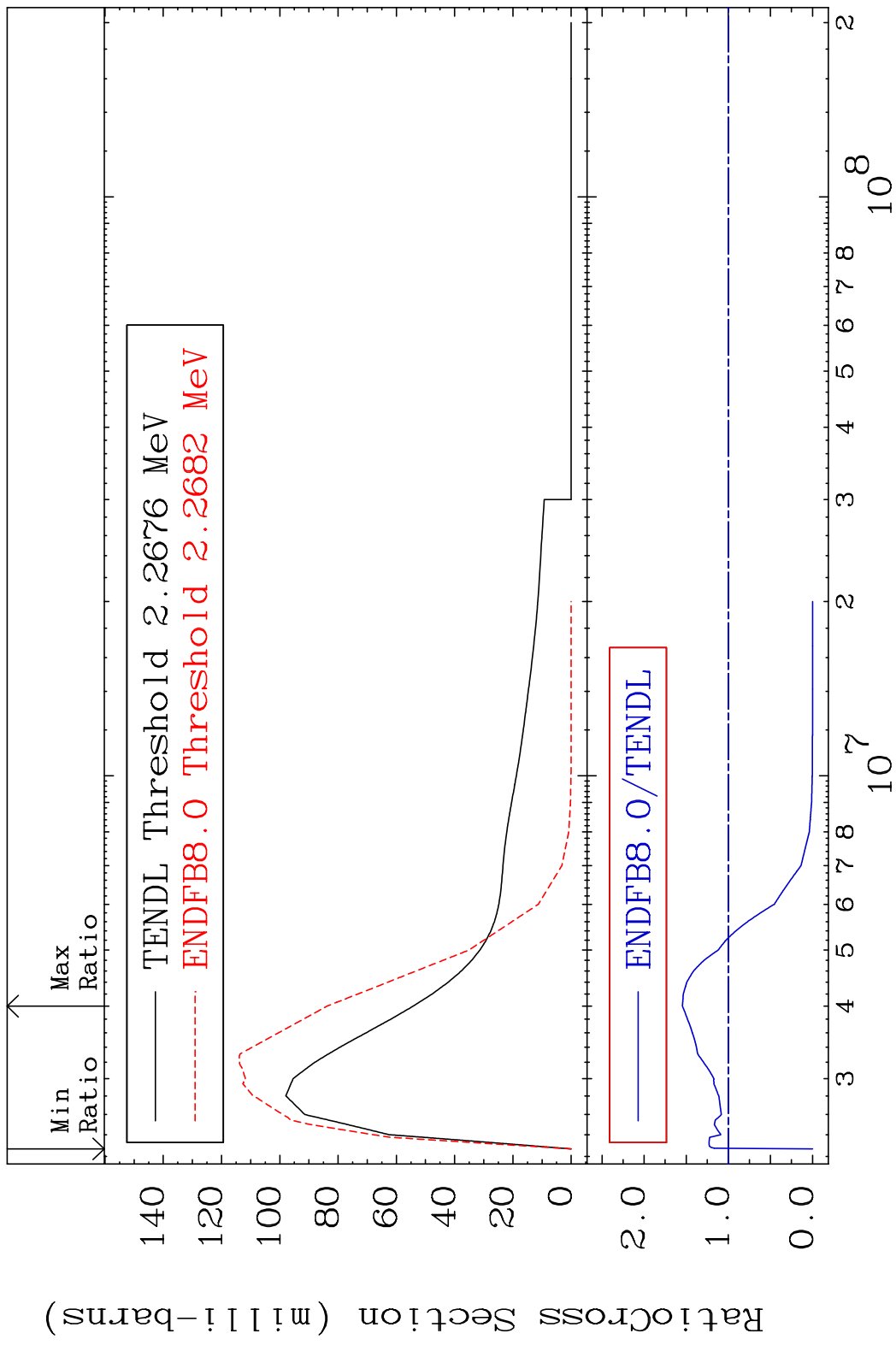


MAT 5025 MT= 53 (n, n') Level 50-Sn-112
 Cross Section -100.0 To 231.7 %

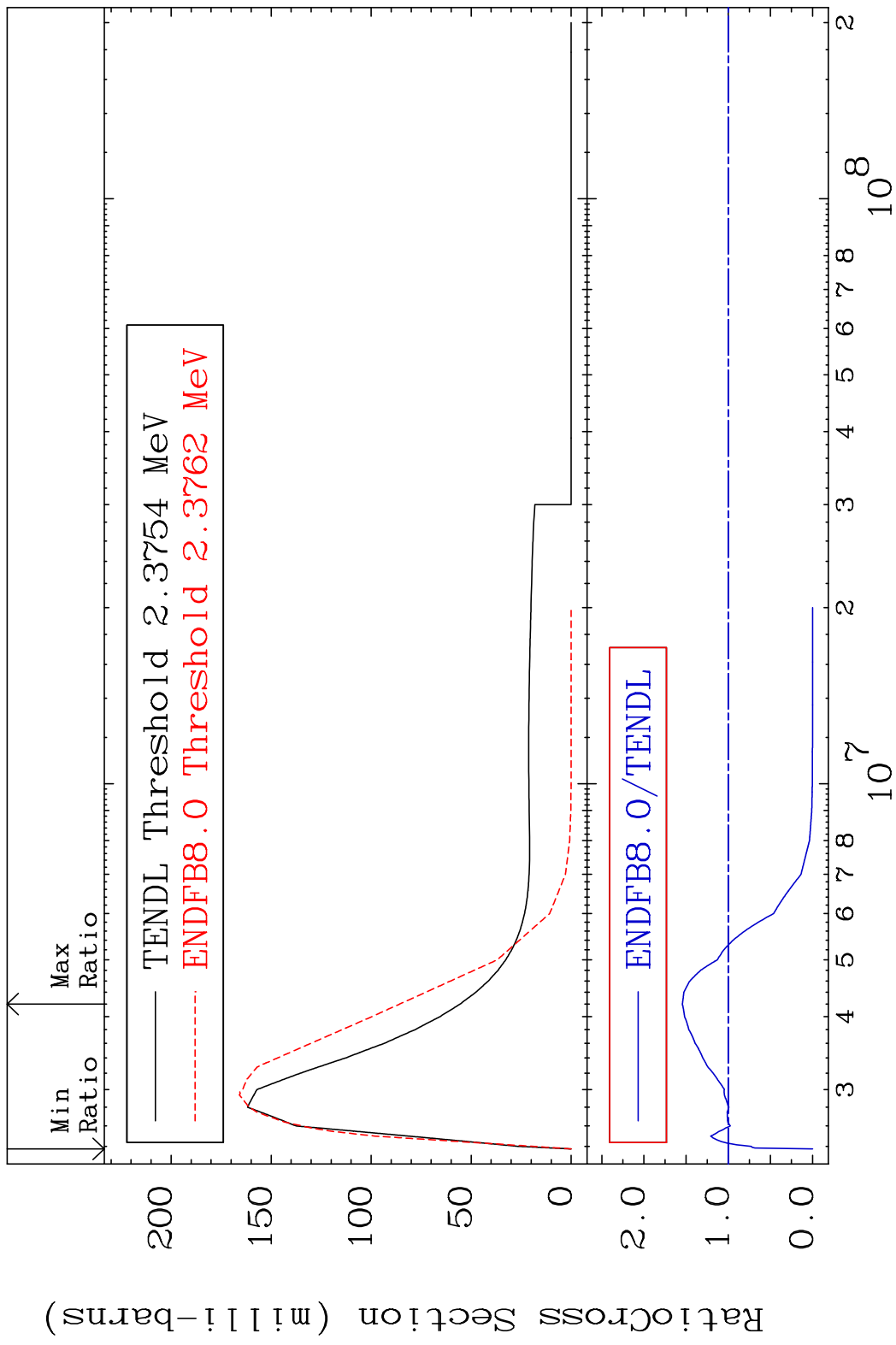


10 100 1000 10000 100000 1000000 10000000 100000000 1000000000 50-Sn-112

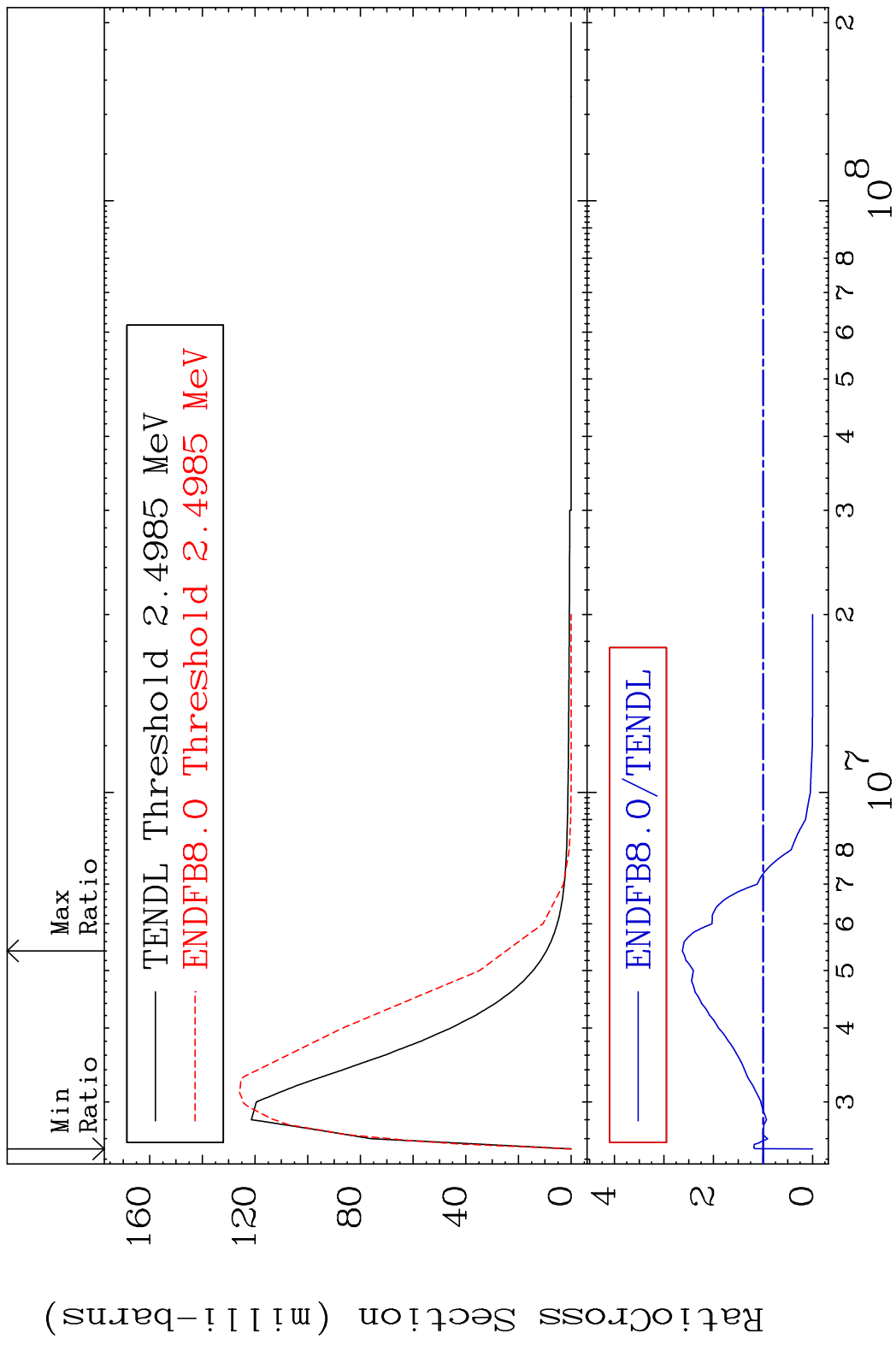
MAT 5025 MT= 54 (n,n') Level 50-Sn-112
 Cross Section -100.0 To 54.60 %



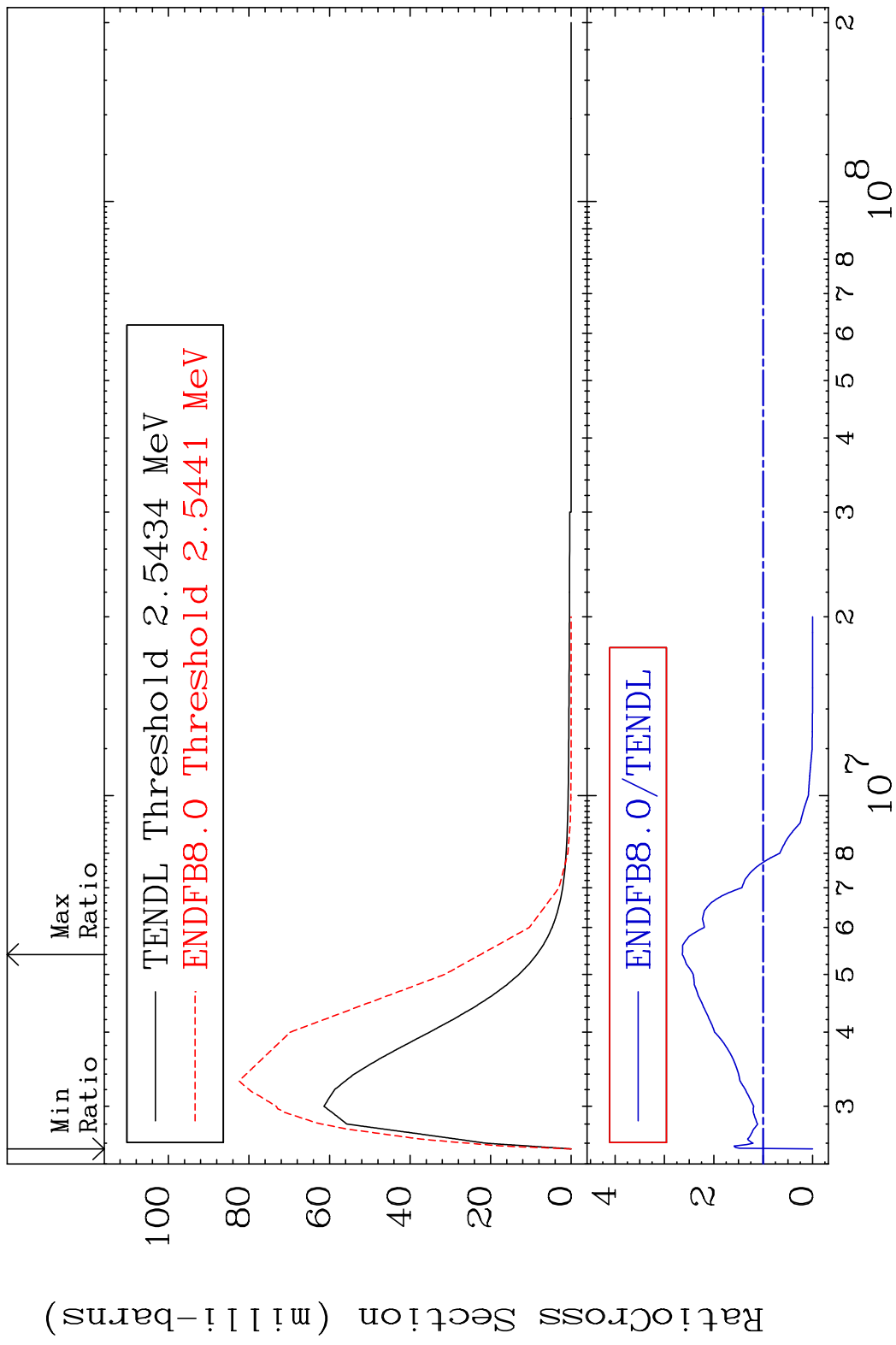
MAT 5025 MT= 55 (n,n') Level 50-Sn-112
 Cross Section -100.0 To 54.43 %



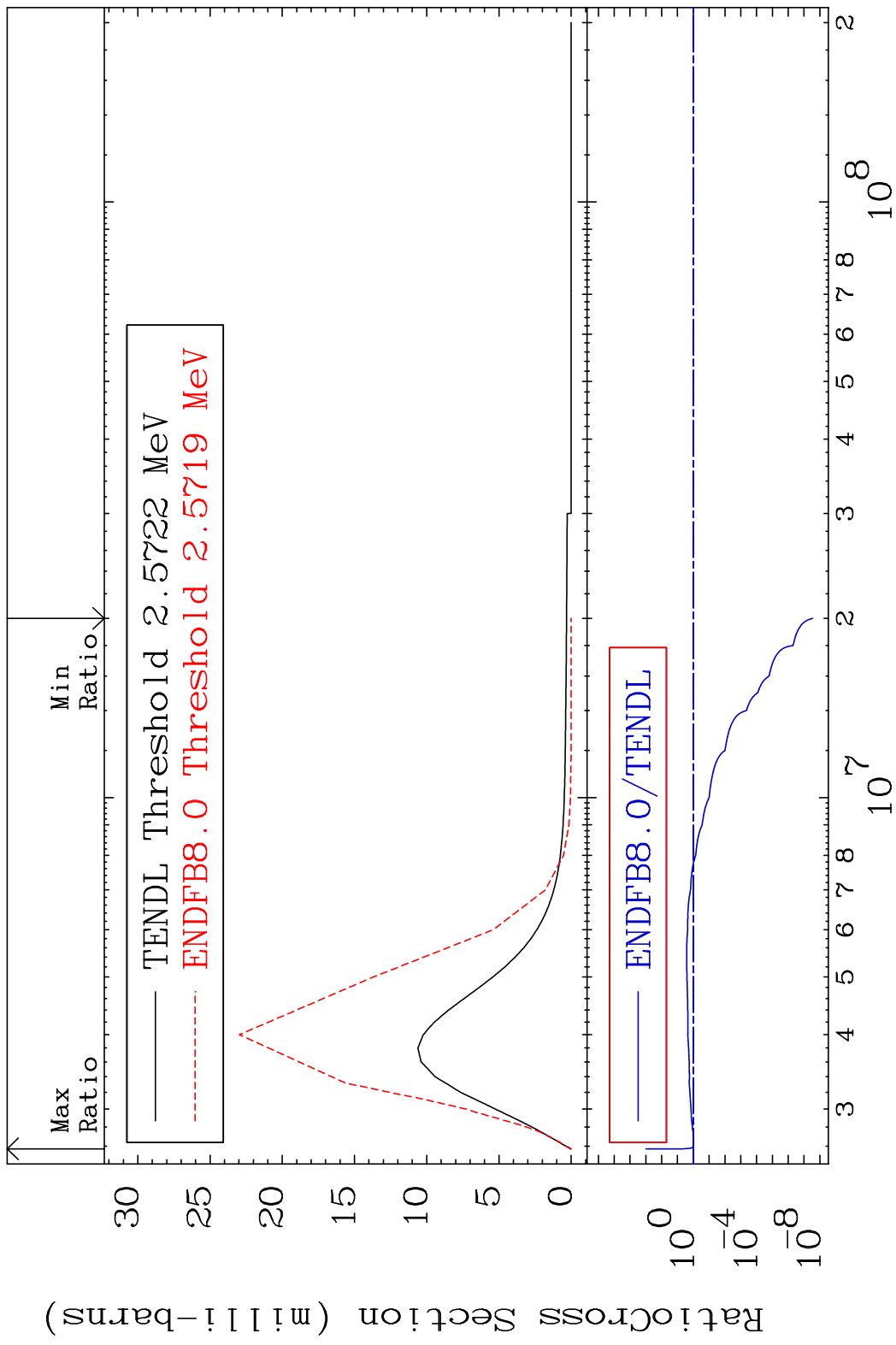
MAT 5025 MT= 56 (n,n') Level 50-Sn-112
 Cross Section -100.0 To 162.9 %



MAT 5025 MT= 57 (n,n') Level 50-Sn-112
 Cross Section -100.0 To 163.8 %

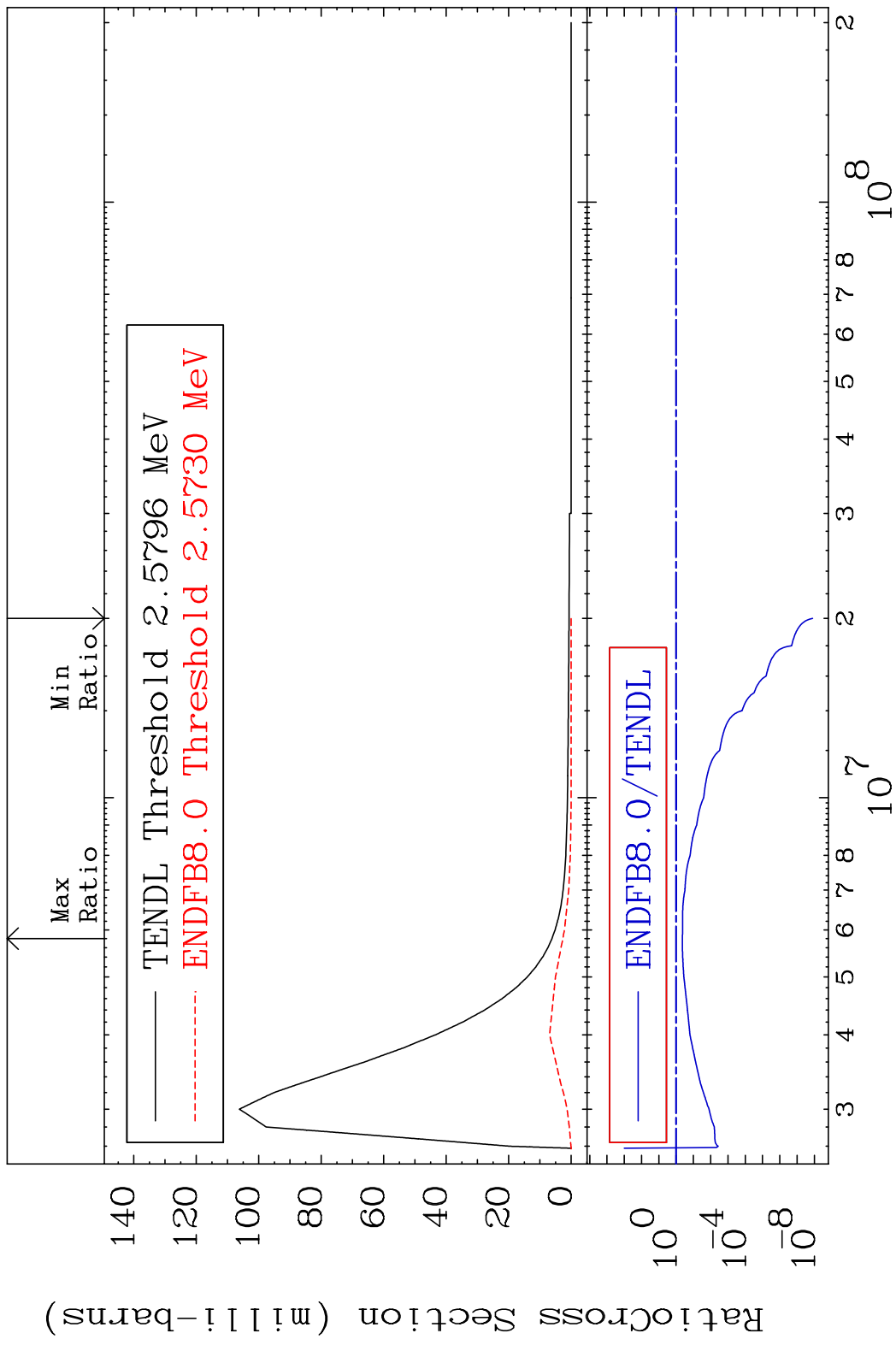


MAT 5025 MT= 58 (n,n') Level 50-Sn-112
 Cross Section -100.0 To 391.7 %

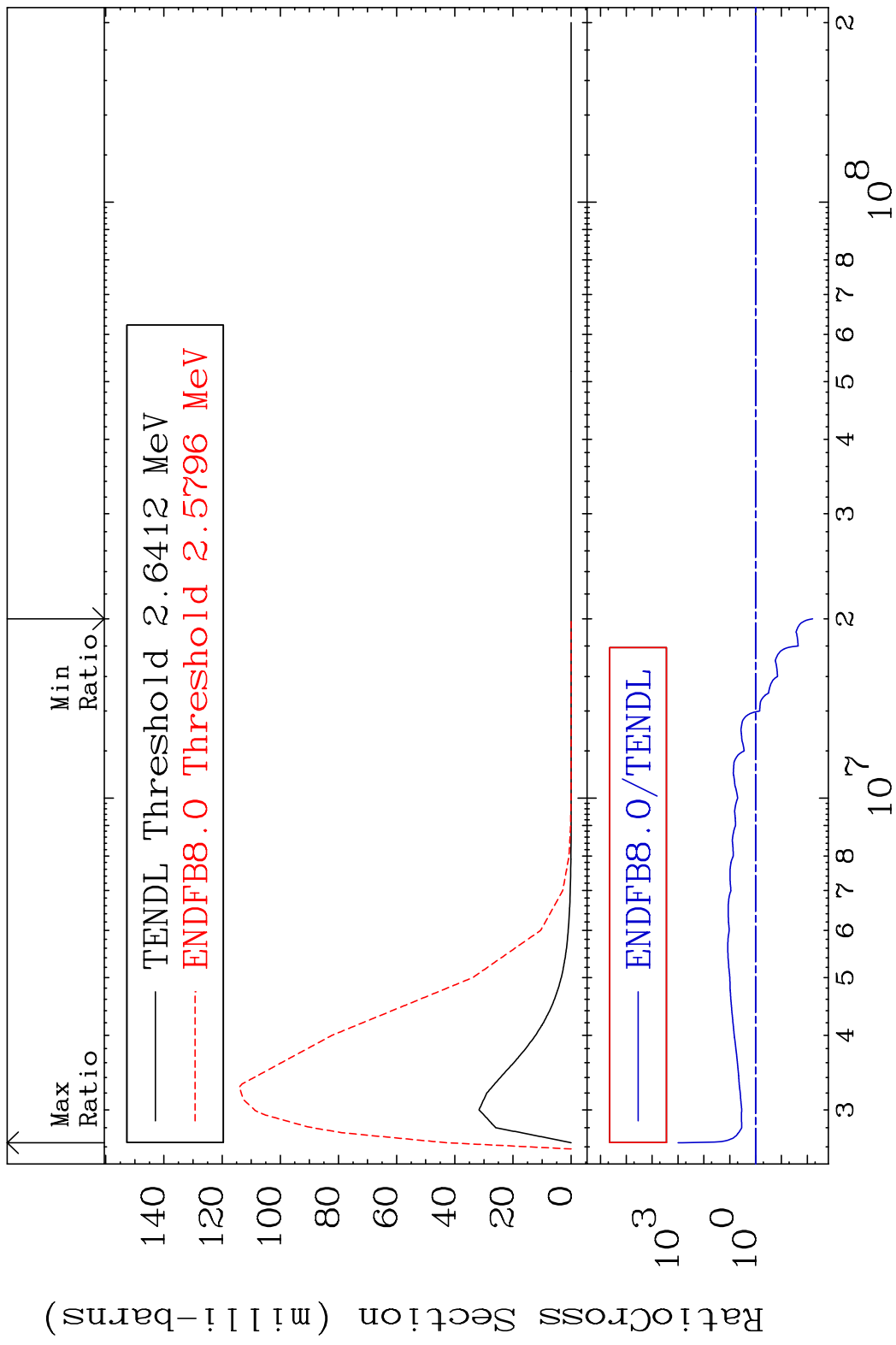


15 Incident Energy (eV) 50-Sn-112

MAT 5025 MT= 59 (n,n') Level 50-Sn-112
 Cross Section -100.0 To -56.44%

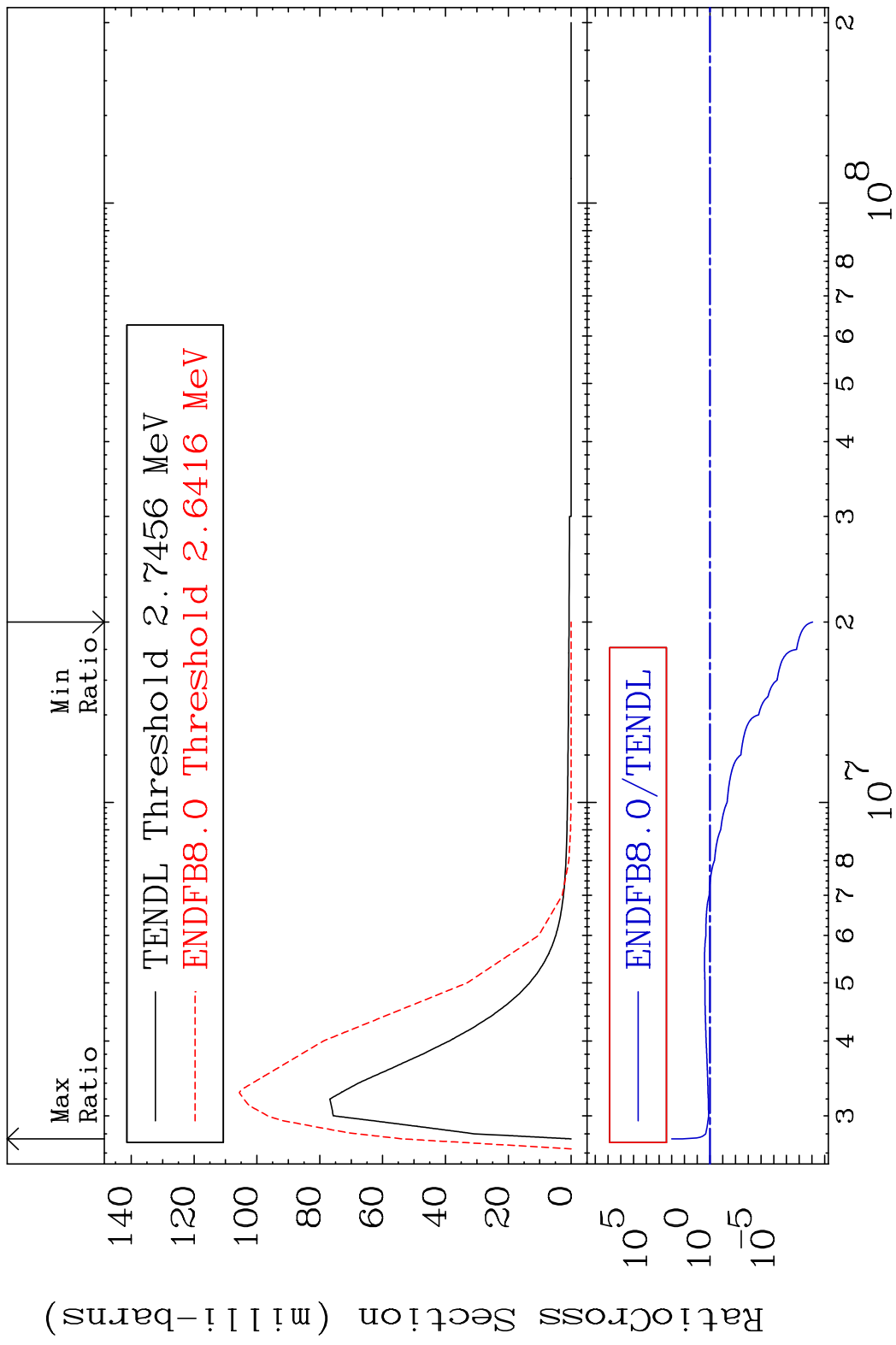


MAT 5025 MT= 60 (n,n') Level 50-Sn-112
 Cross Section -99.37 To 9999. %



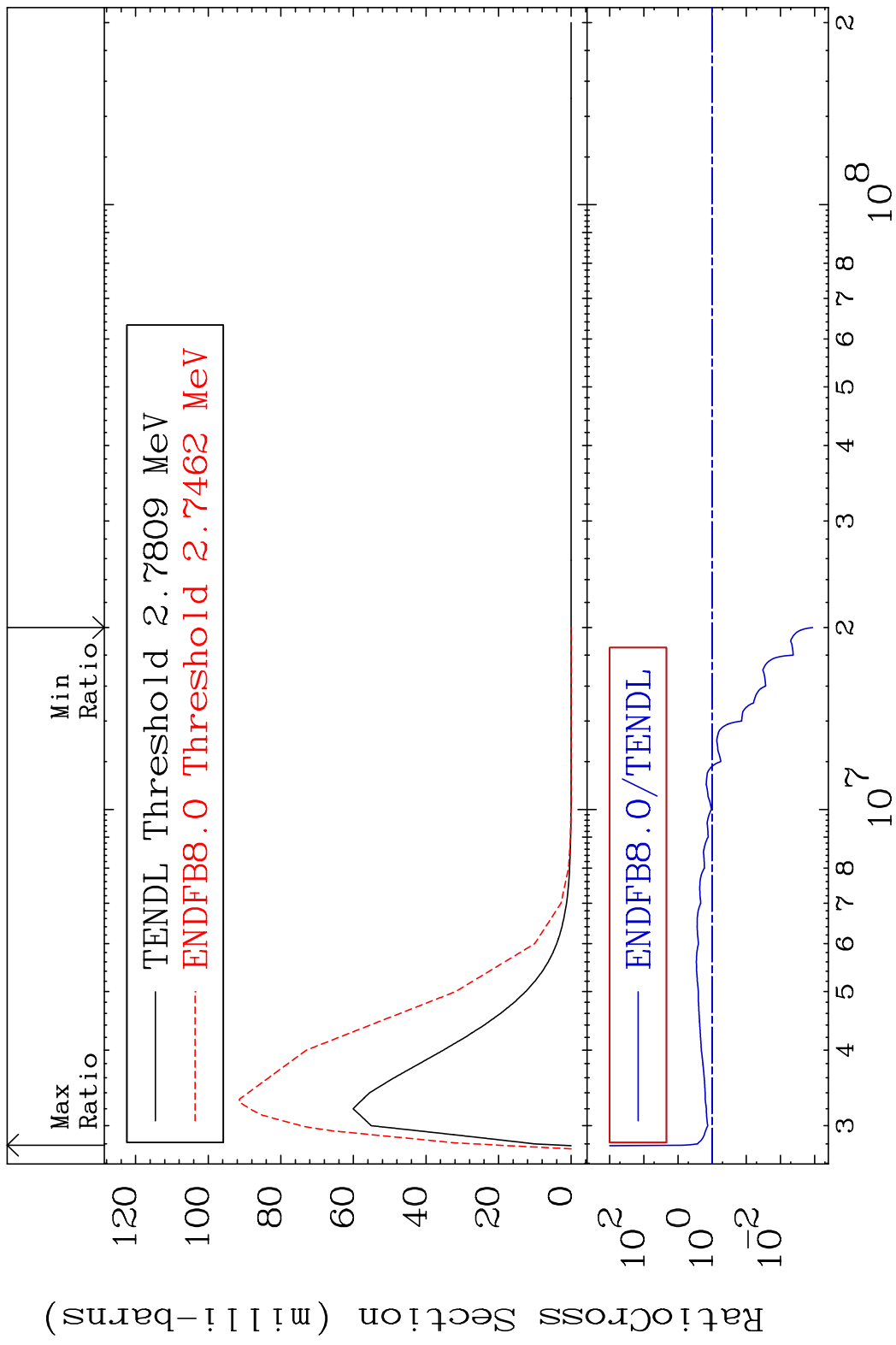
17 Incident Energy (eV) 50-Sn-112

MAT 5025 MT= 61 (n,n') Level 50-Sn-112
 Cross Section -100.0 To 9999. %

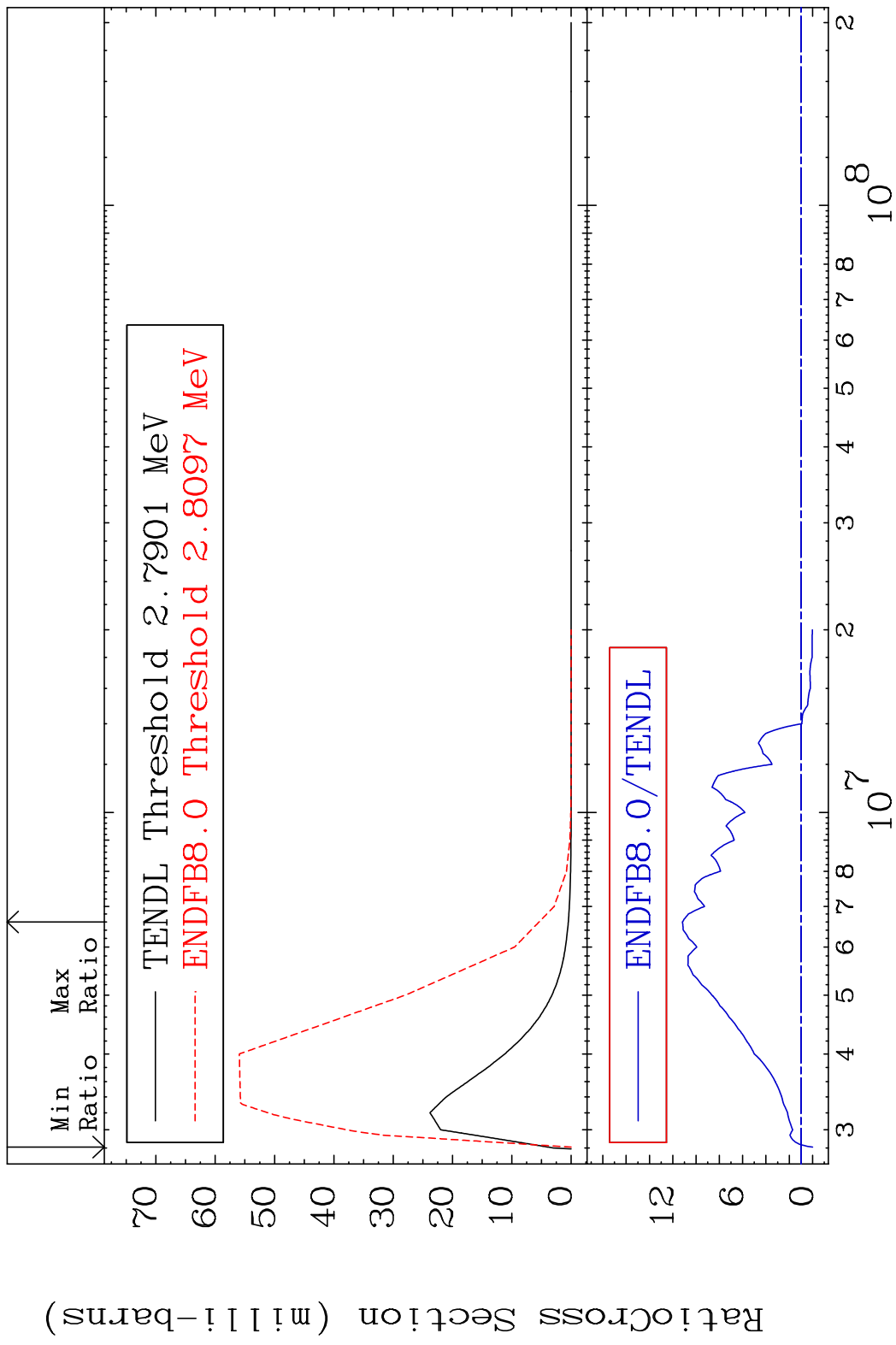


18 Incident Energy (eV) 50-Sn-112

MAT 5025 MT= 62 (n, n') Level 50-Sn-112
 Cross Section -99.88 To 644.0 %

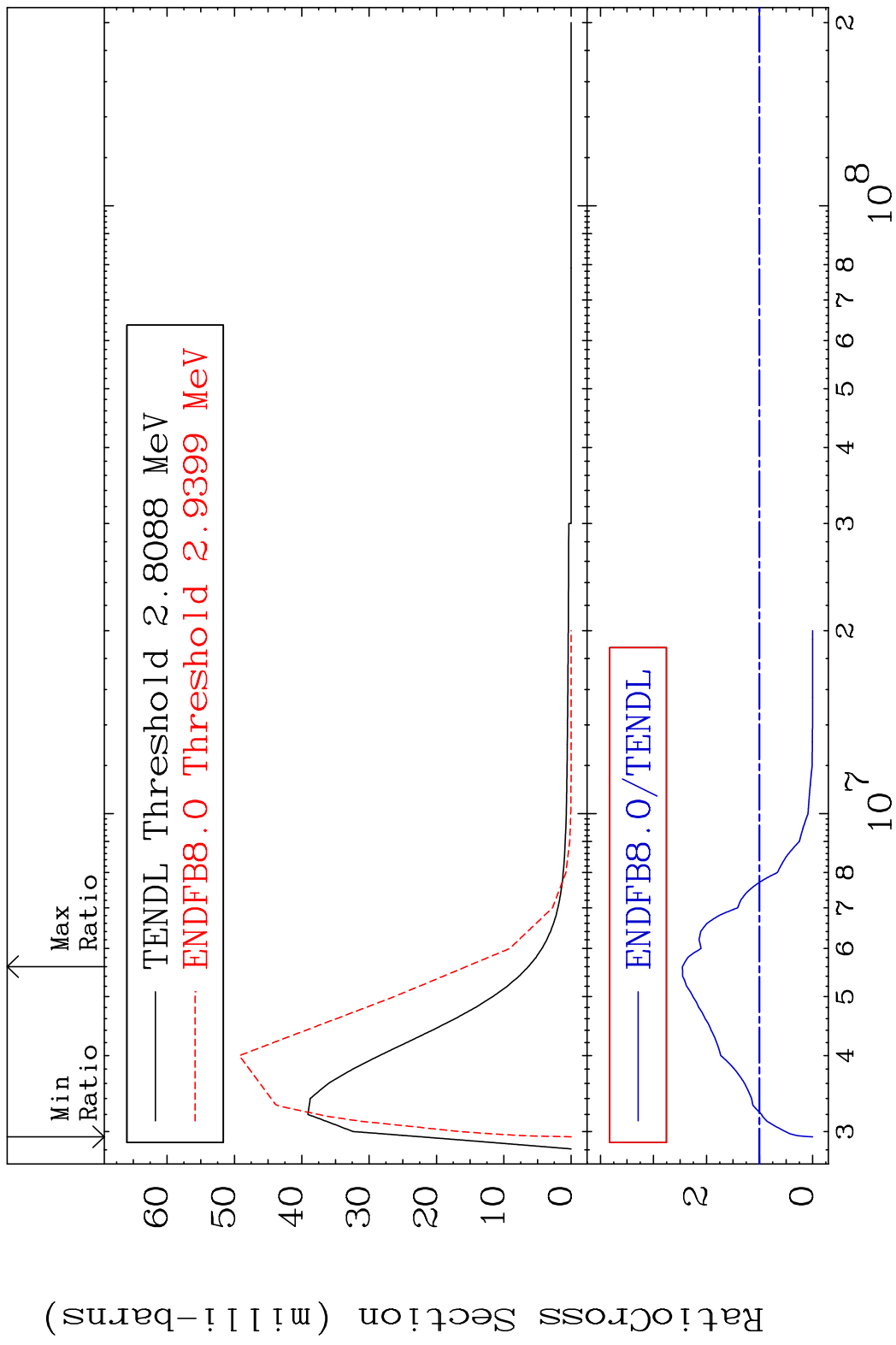


MAT 5025 MT= 63 (n,n') Level 50-Sn-112
 Cross Section -100.0 To 1018. %

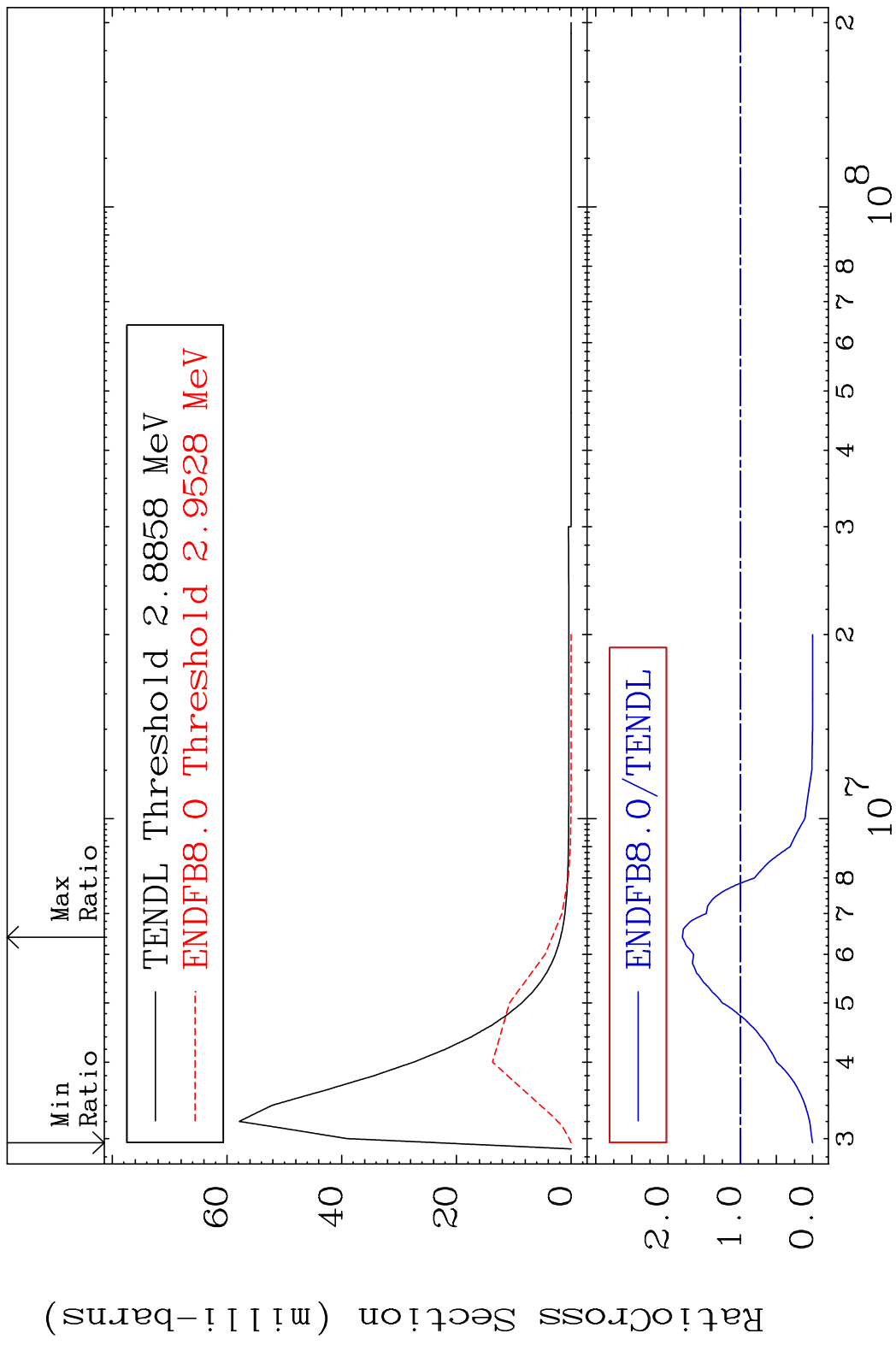


20 Incident Energy (eV) 50-Sn-112

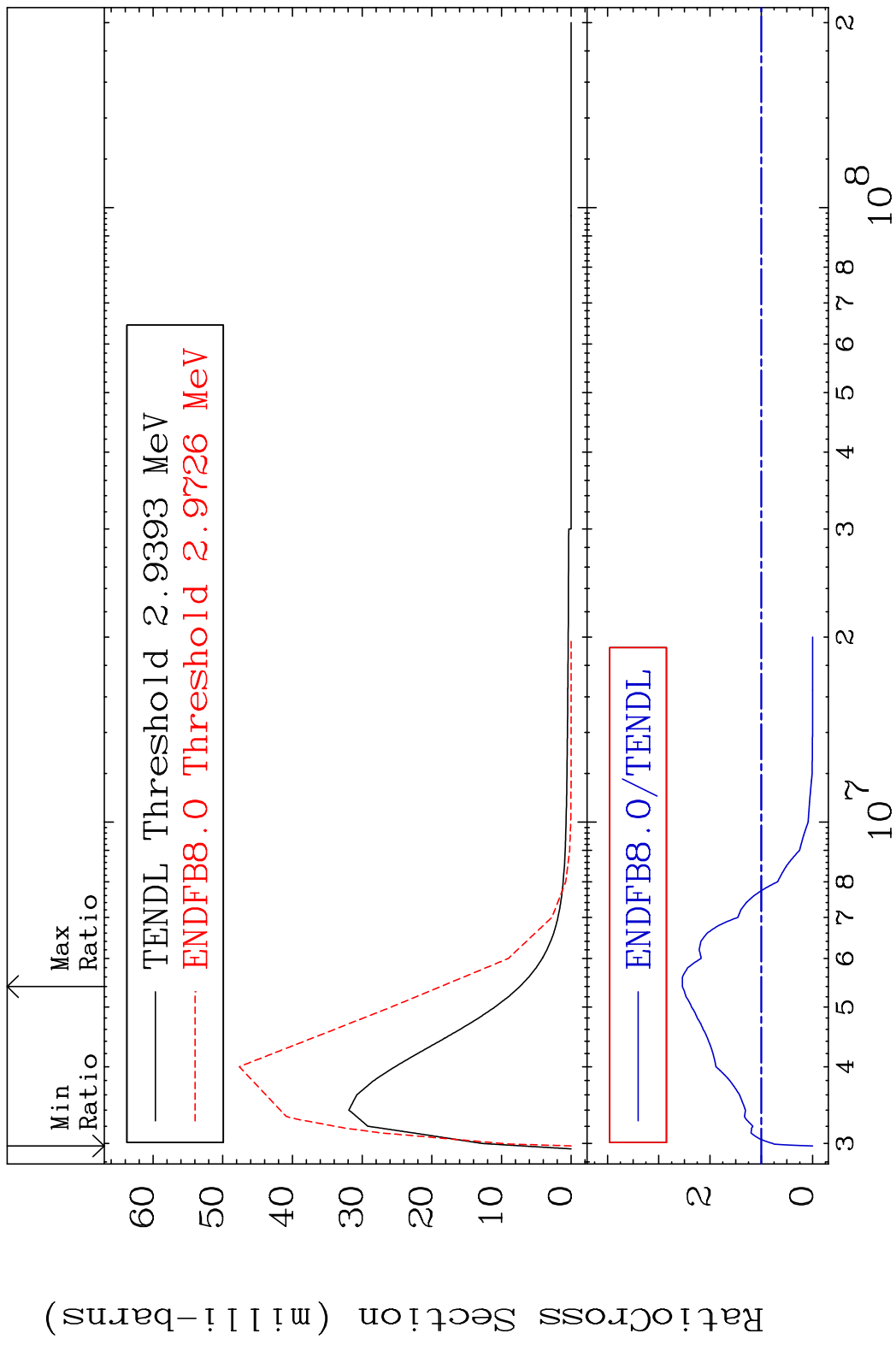
MAT 5025 MT= 64 (n,n') Level 50-Sn-112
 Cross Section -100.0 To 145.6 %



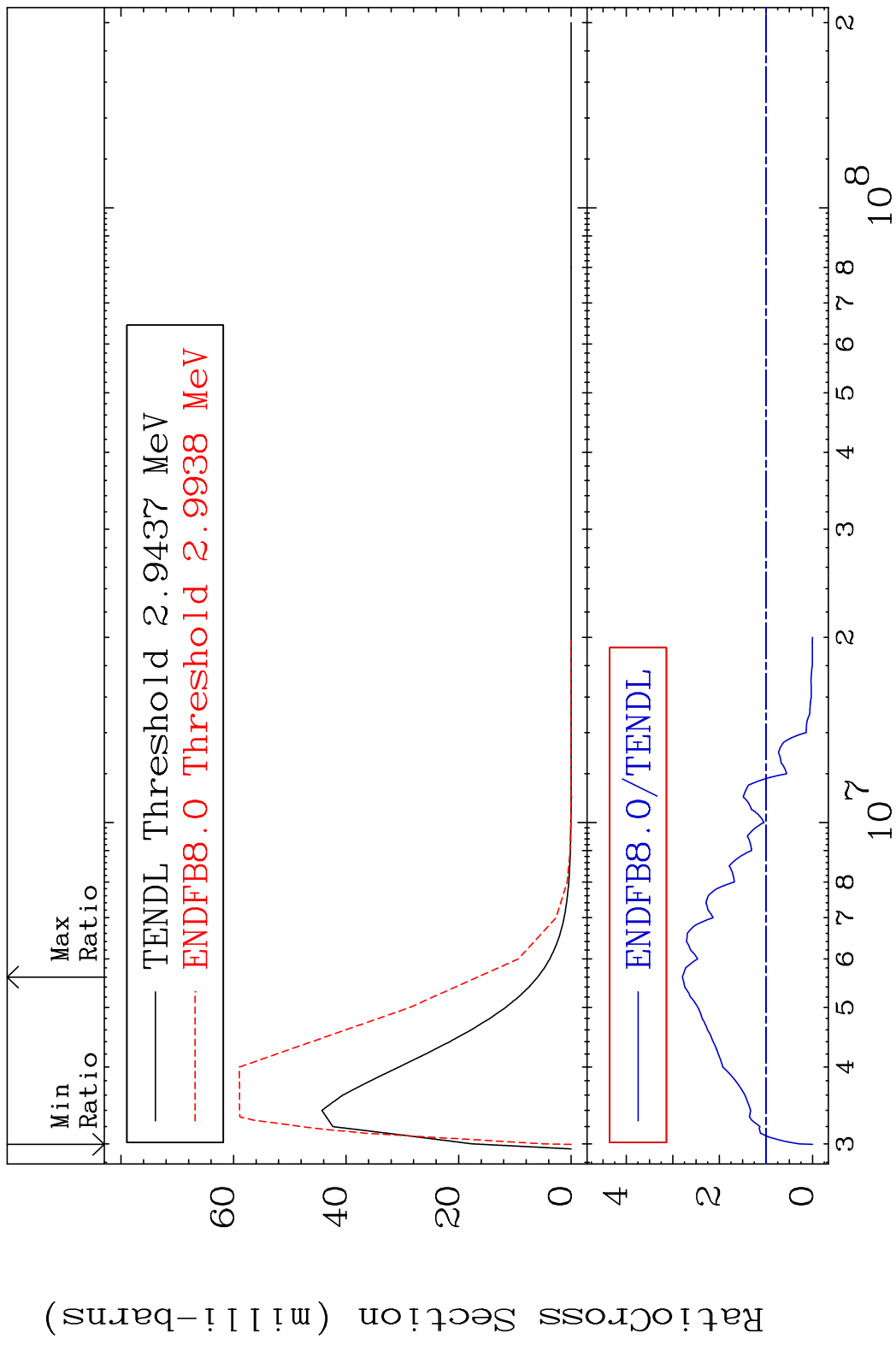
MAT 5025 MT= 65 (n,n') Level 50-Sn-112
 Cross Section -100.0 To 80.11 %



MAT 5025 MT= 66 (n,n') Level 50-Sn-112
 Cross Section -100.0 To 154.0 %



MAT 5025 MT= 67 (n,n') Level 50-Sn-112
 Cross Section -100.0 To 179.5 %

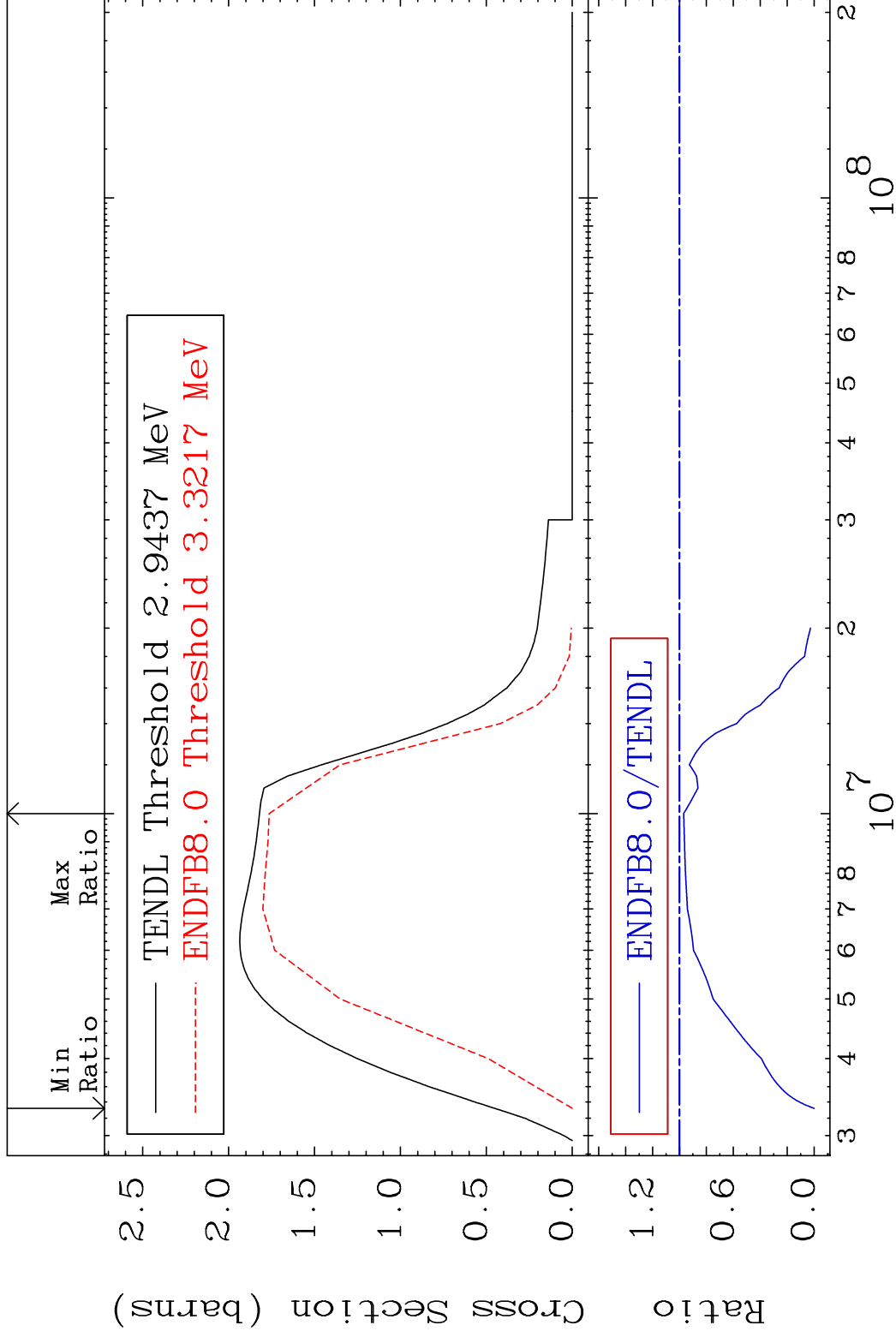


MAT 5025

(n,n') Continuum

50-Sn-112

Cross Section -100.0 To -3.105%



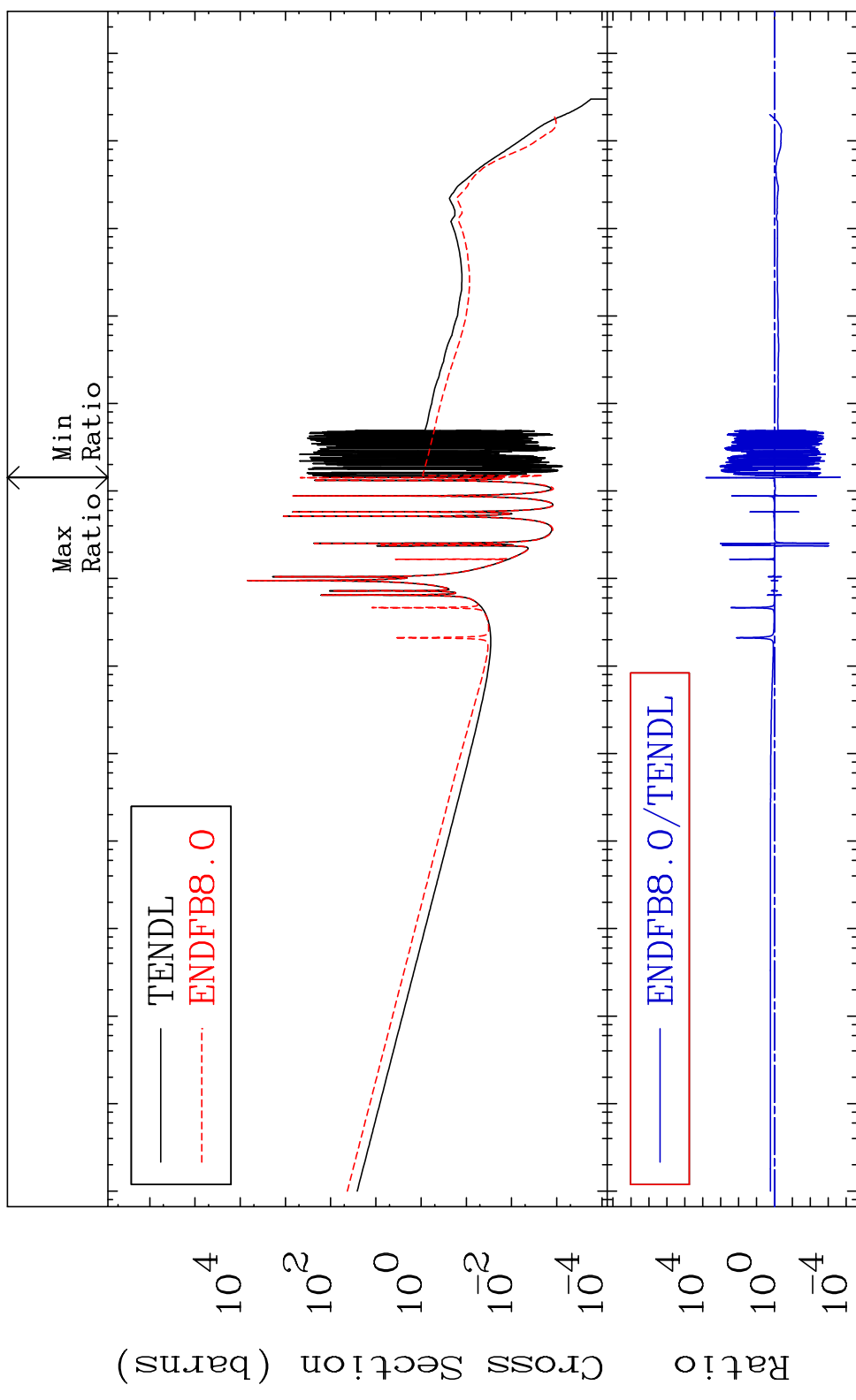
25

Incident Energy (eV)

50-Sn-112

MAT 5025

(n, γ)
Cross Section -99.98 To 9999. %
50-Sn-112



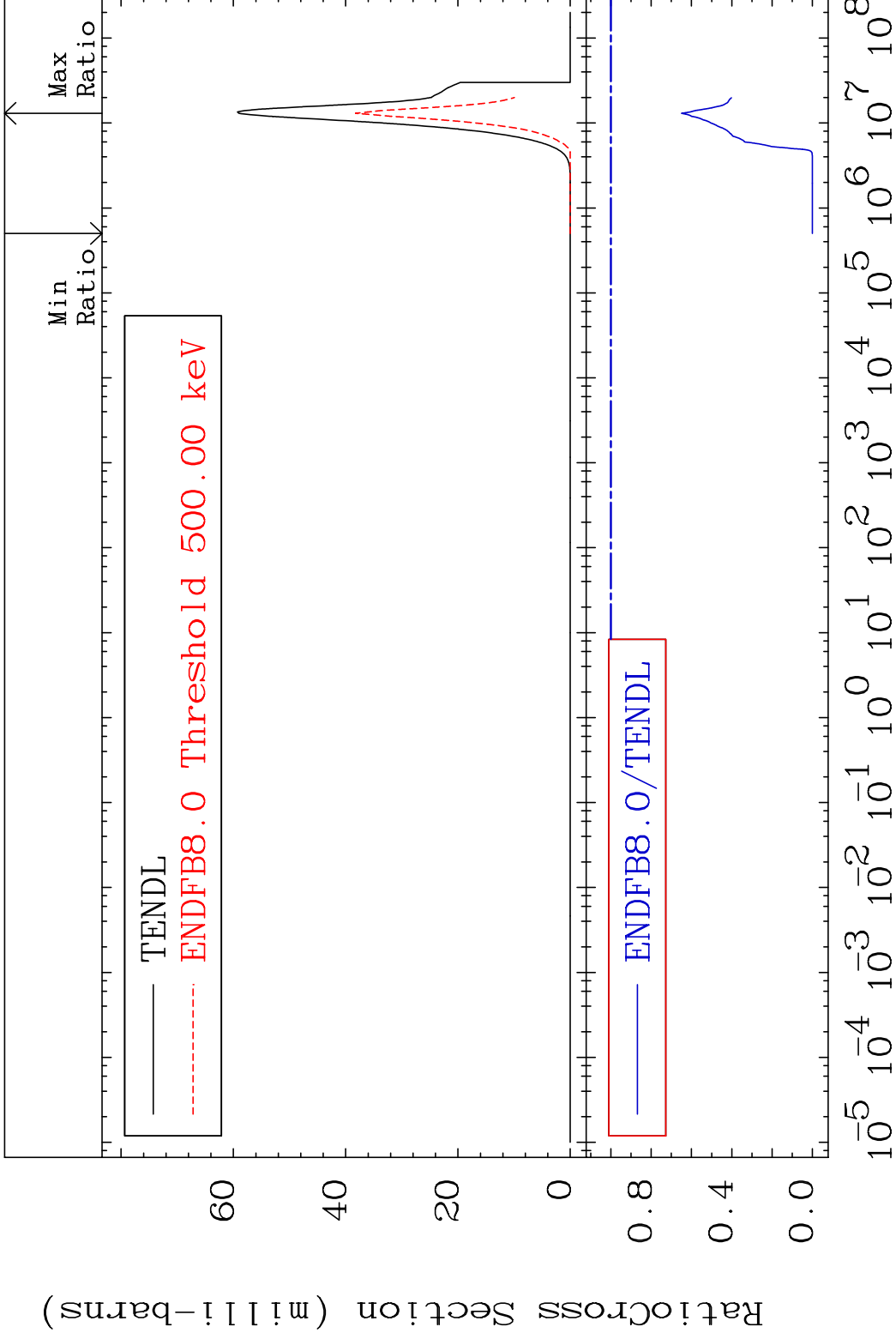
MAT 5025

(n, p)

50-Sn-112

Cross Section

-100.0 To -35.16%

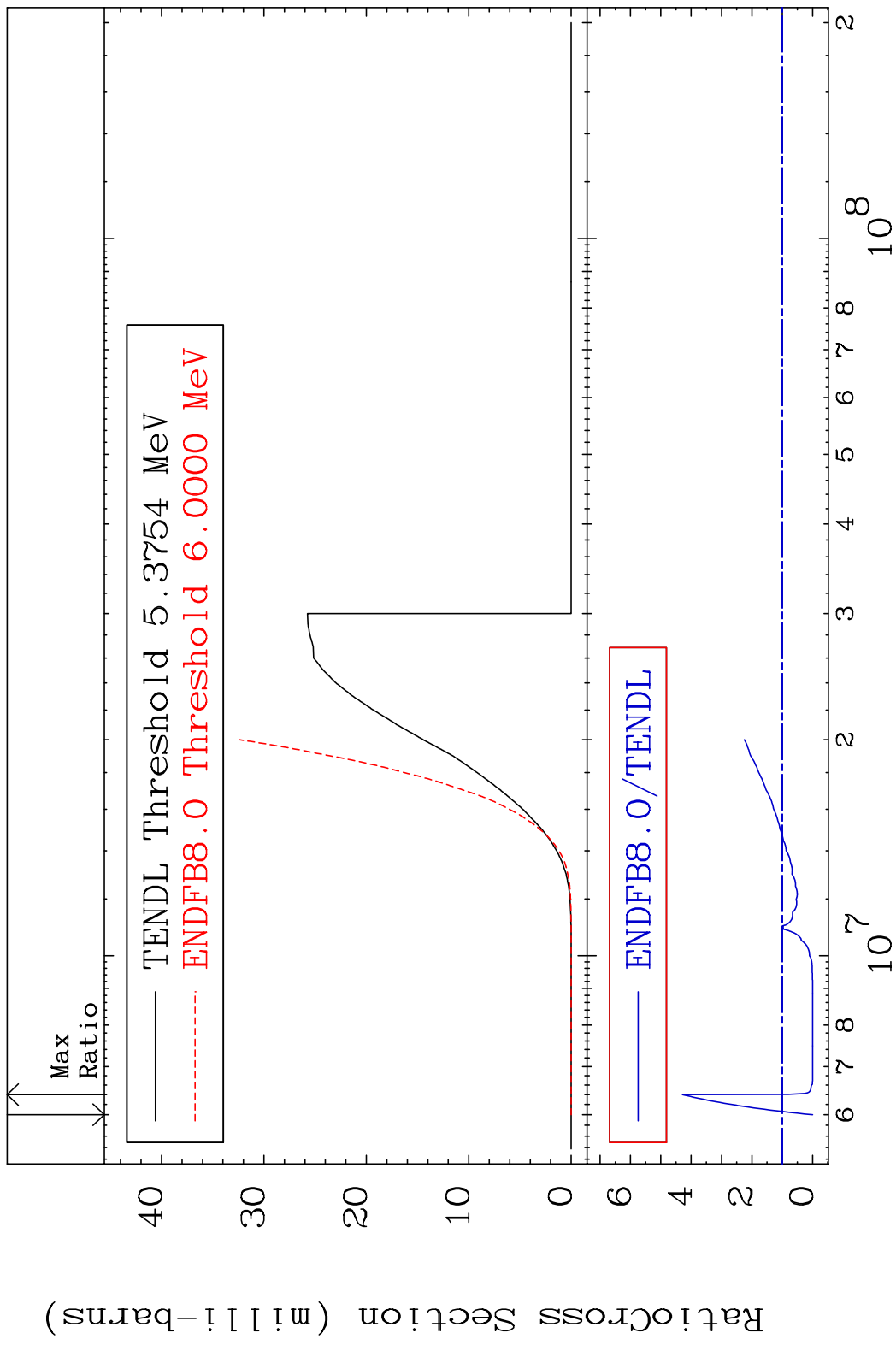


27

Incident Energy (eV)

50-Sn-112

MAT 5025 (n,d) 50-Sn-112
 Cross Section -100.0 To 329.0 %

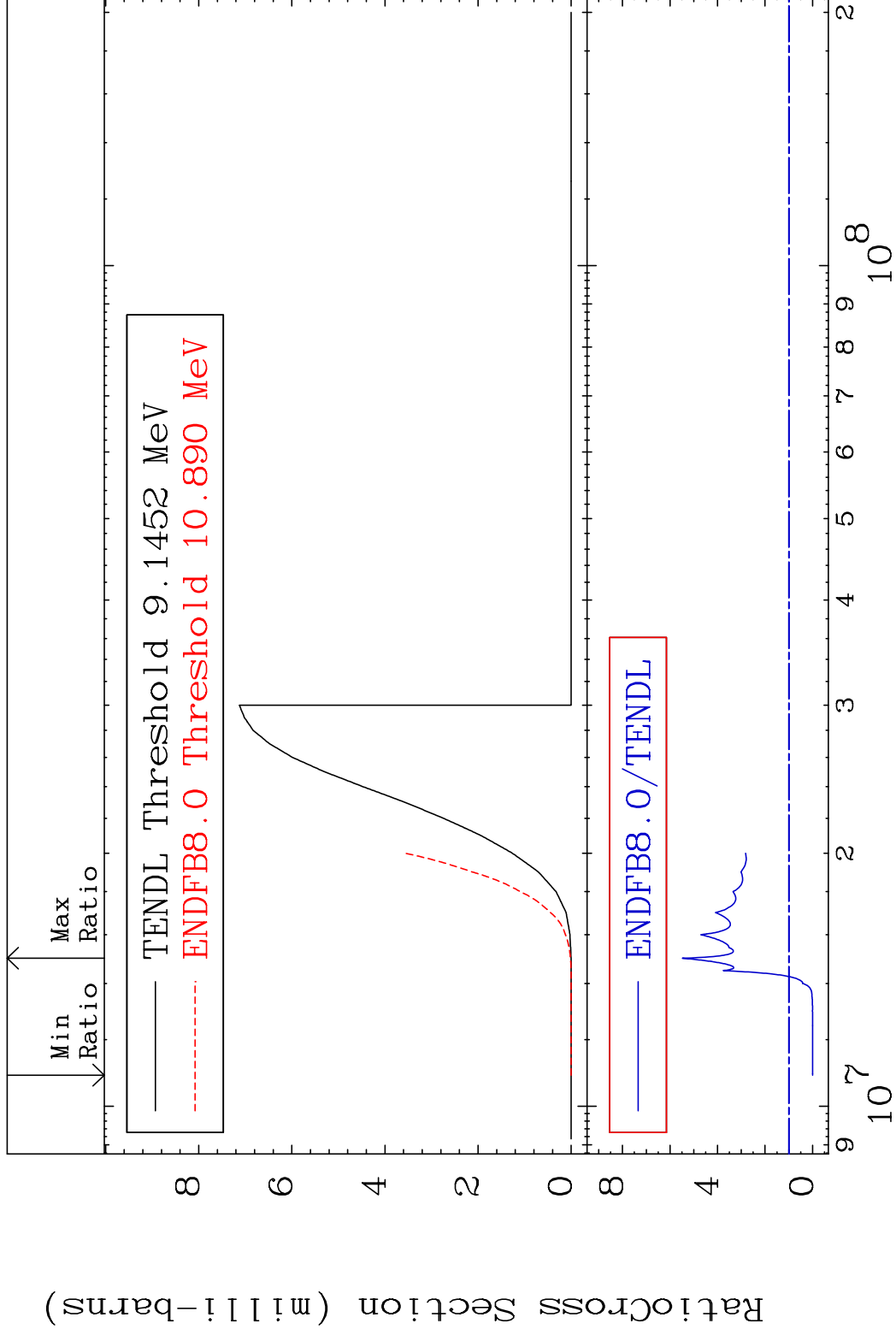


MAT 5025

(n, t)

50-Sn-112

Cross Section -100.0 To 448.0 %



29

Incident Energy (eV)

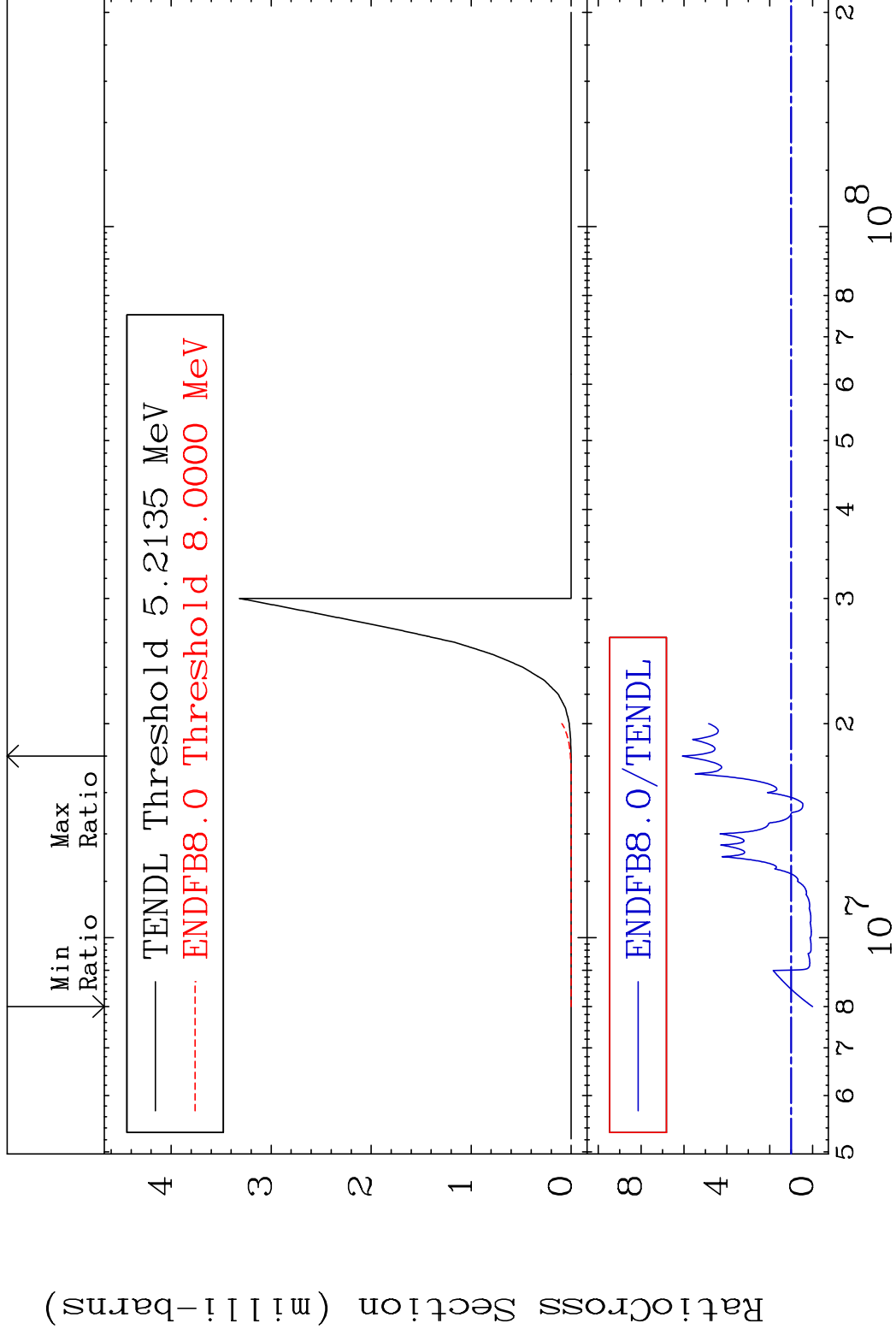
50-Sn-112

MAT 5025

(n, He-3)

50-Sn-112

Cross Section -100.0 To 507.3 %



30

Incident Energy (eV)

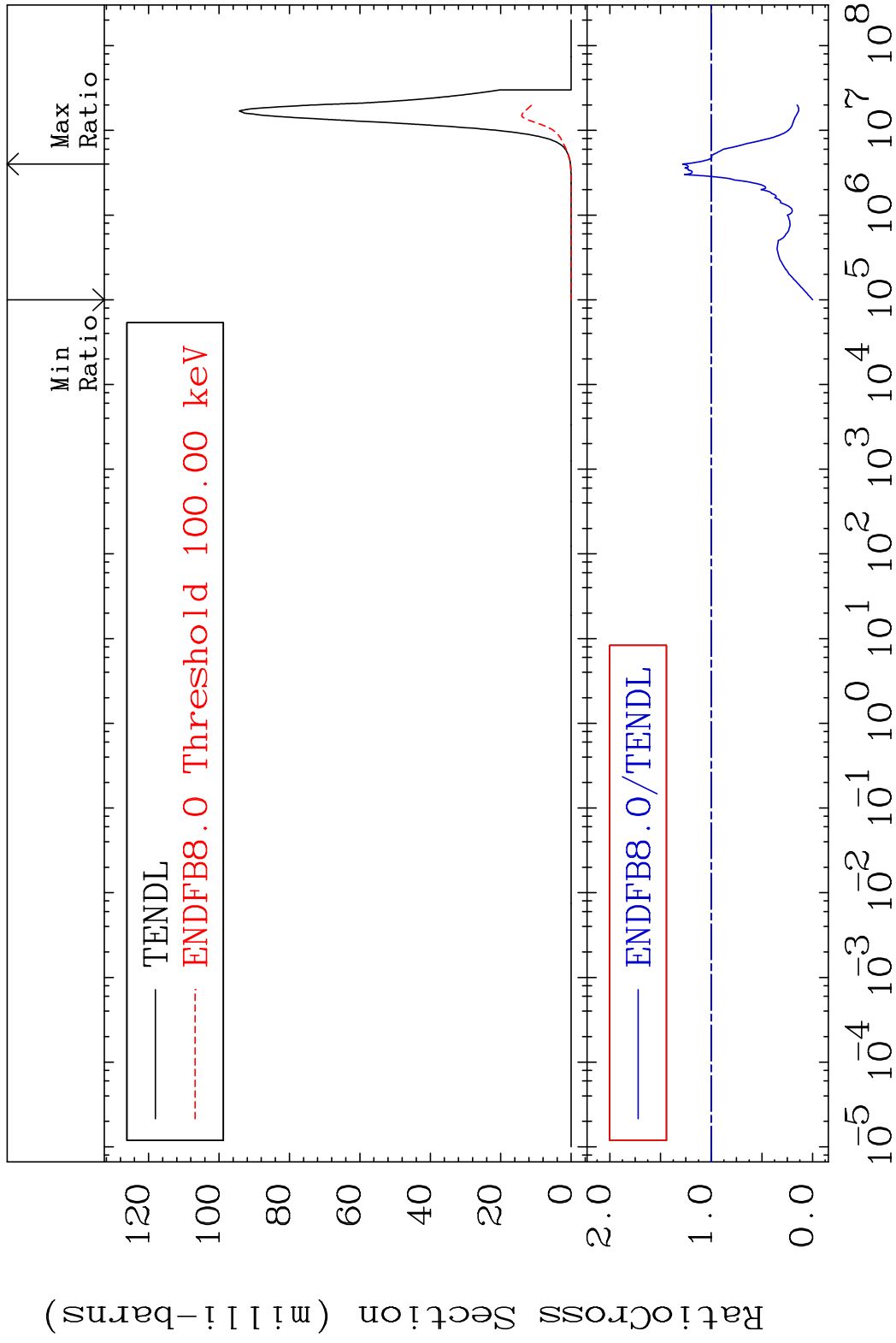
50-Sn-112

MAT 5025

(n, α)

50-Sn-112

Cross Section -100.0 To 28.44 %

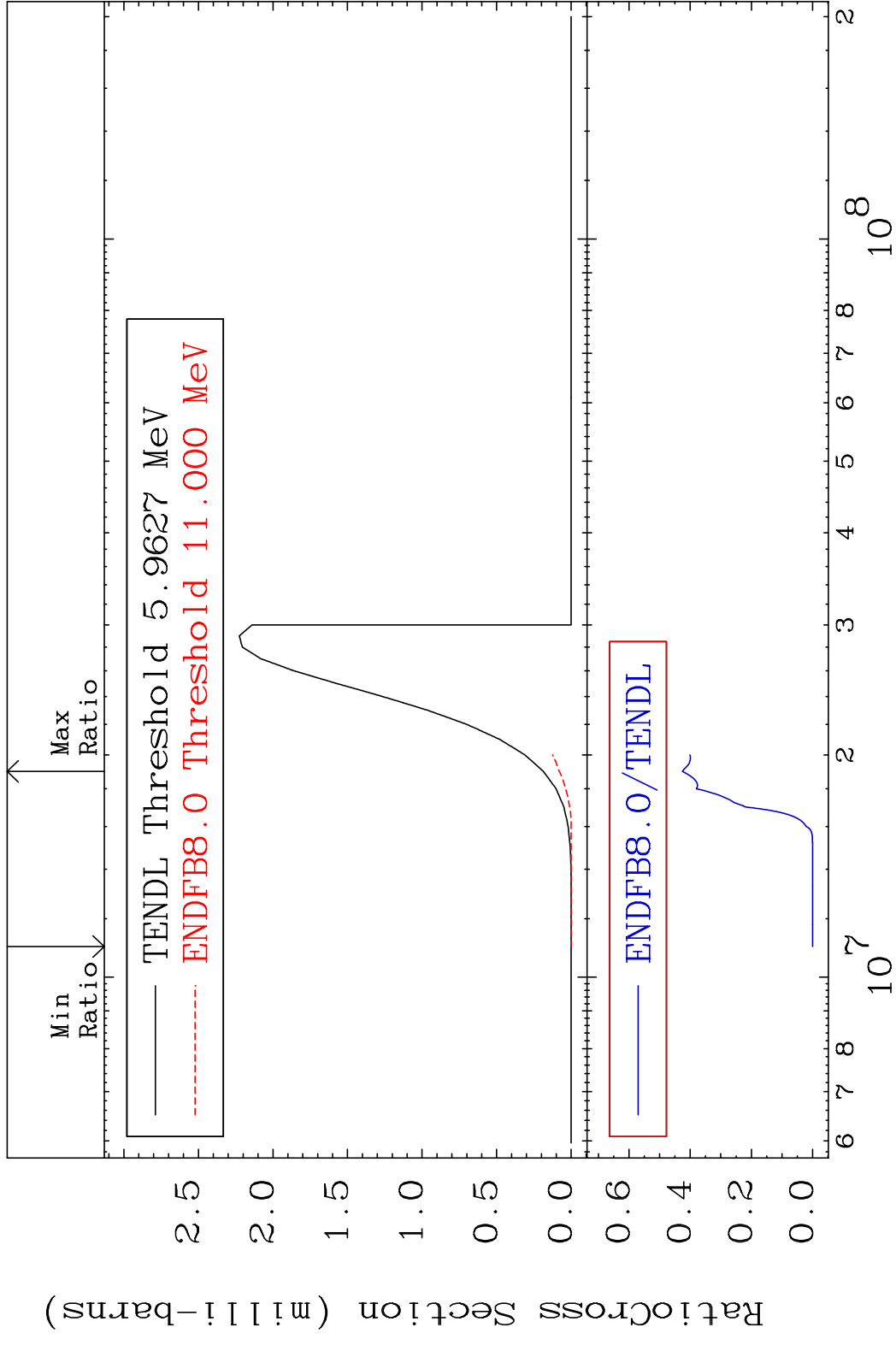


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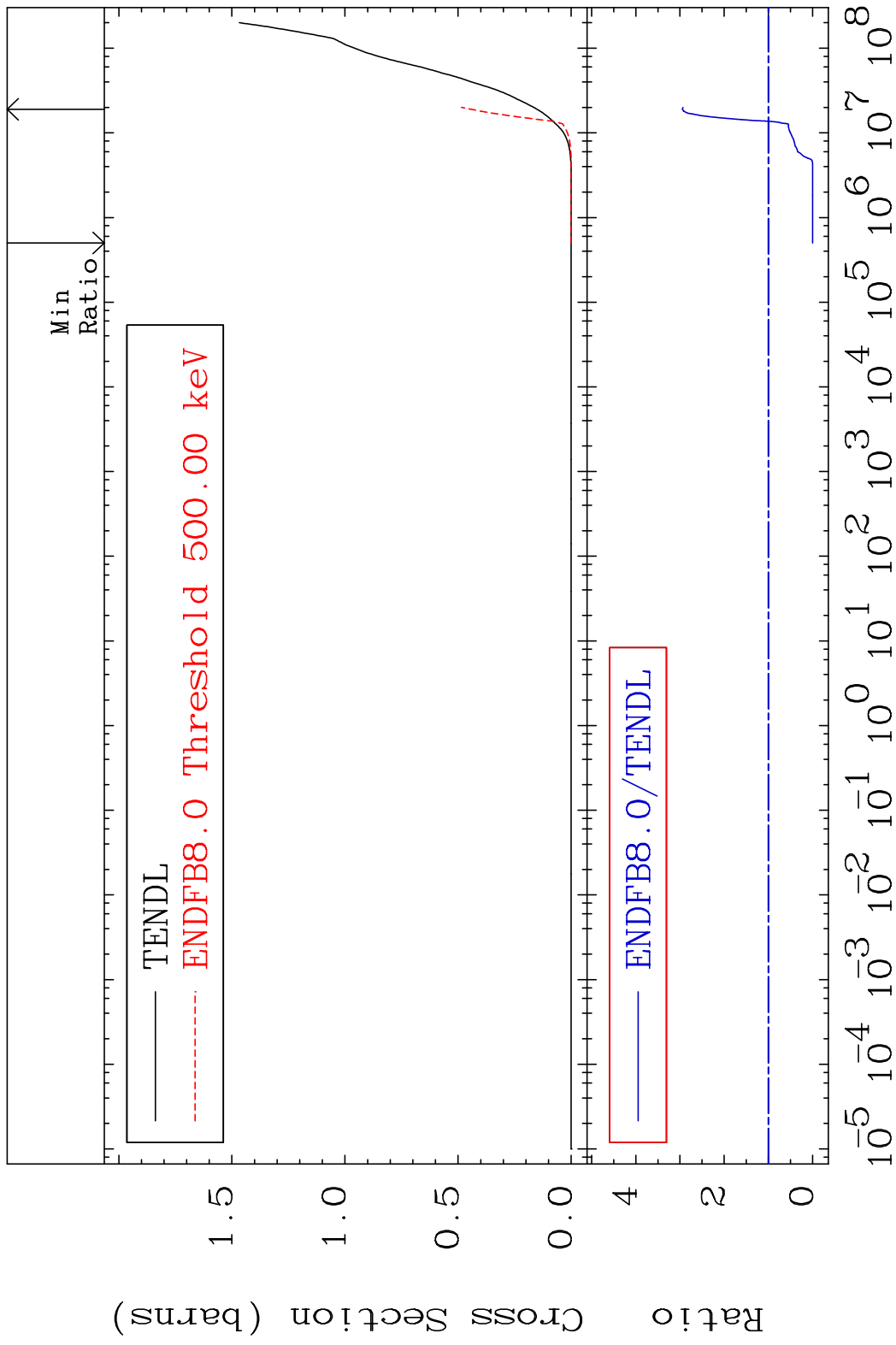
Incident Energy (eV)

50-Sn-112

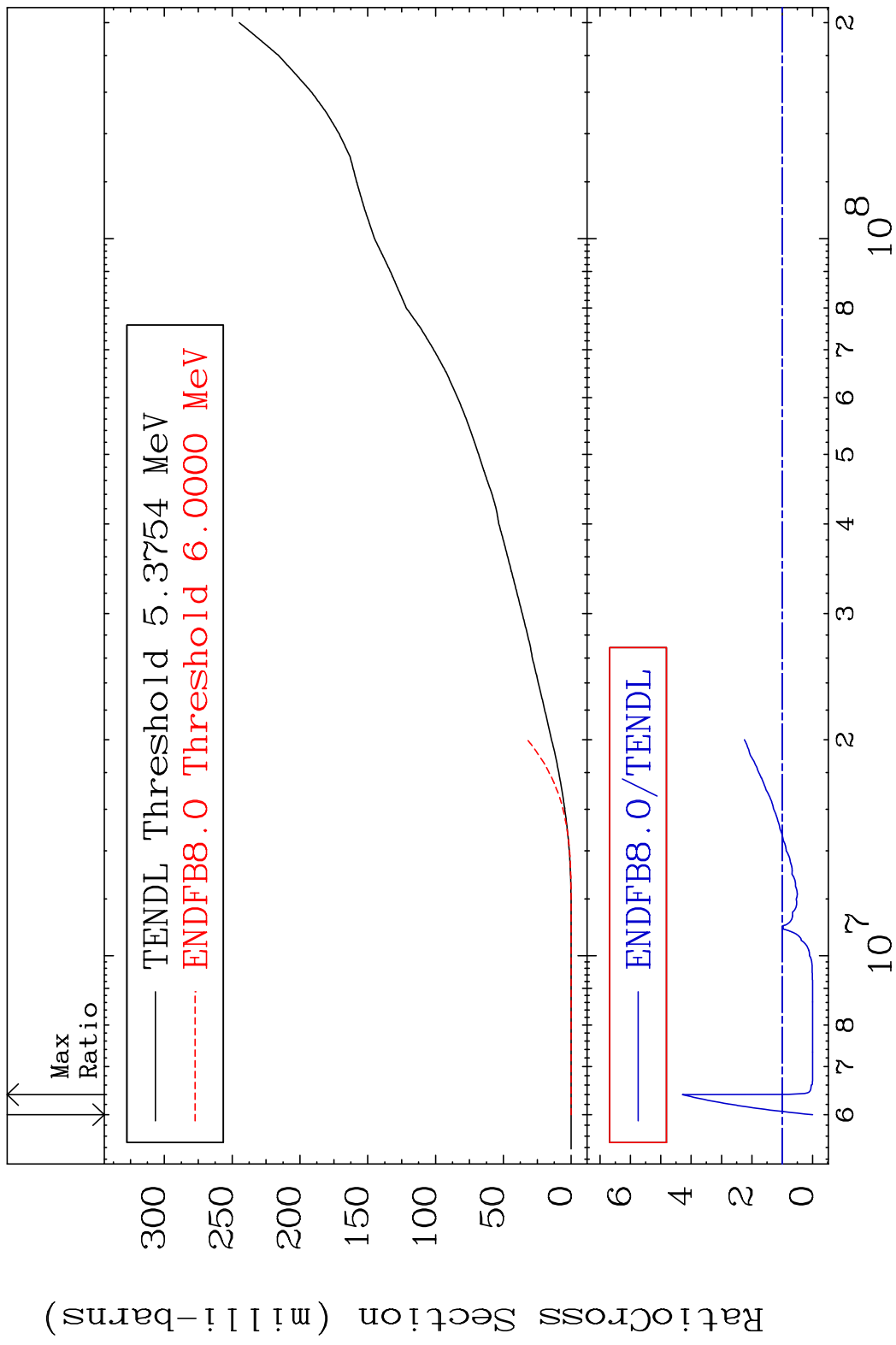
MAT 5025 (n,2p) 50-Sn-112
 Cross Section -100.0 To -57.42%



MAT 5025 Hydrogen Production 50-Sn-112
 Cross Section -100.0 To 194.6 %

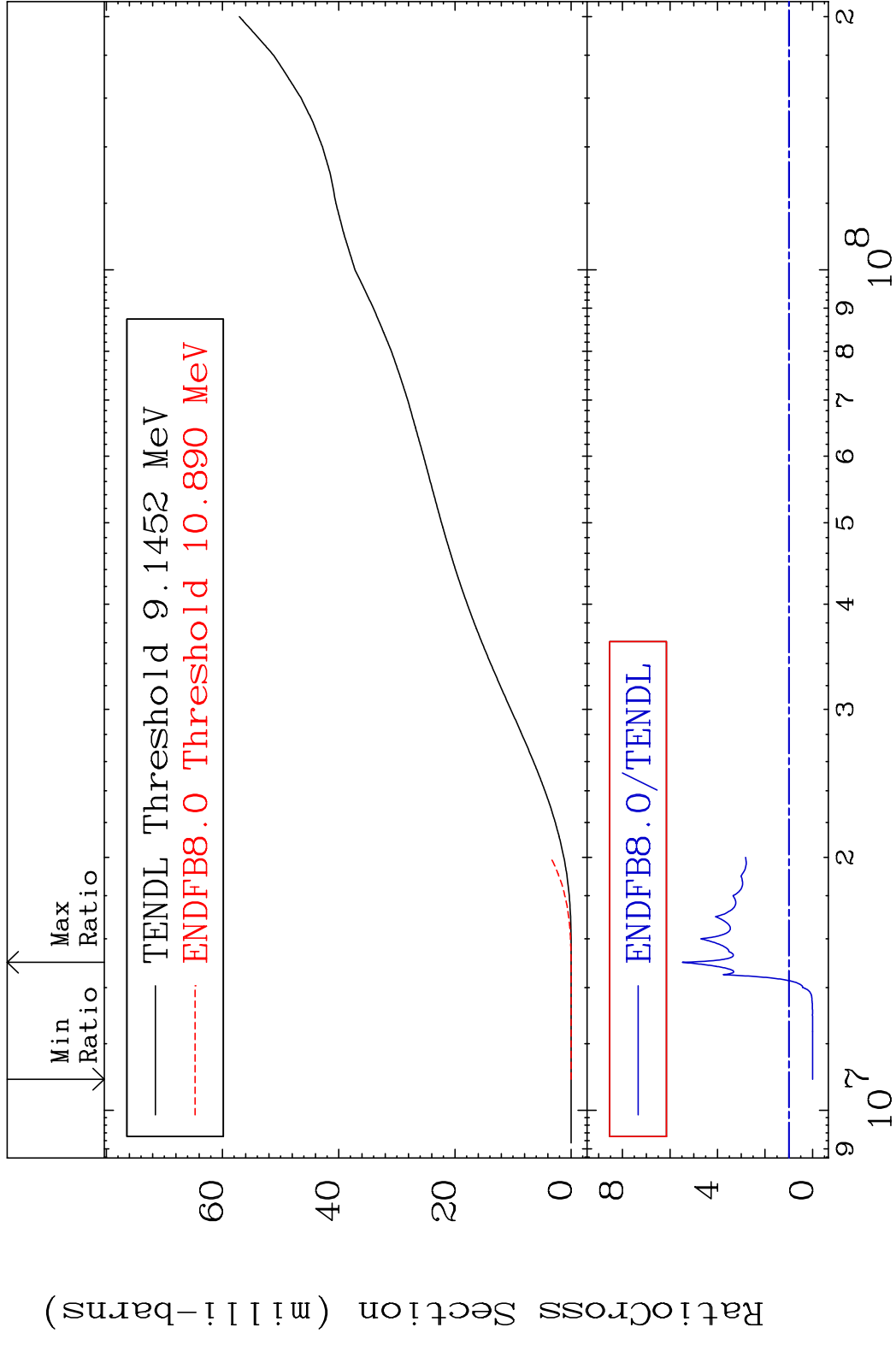


MAT 5025 Deuterium Production 50-Sn-112
 Cross Section -100.0 To 329.0 %



MAT 5025

Tritium Production 50-Sn-112
Cross Section -100.0 To 448.0 %



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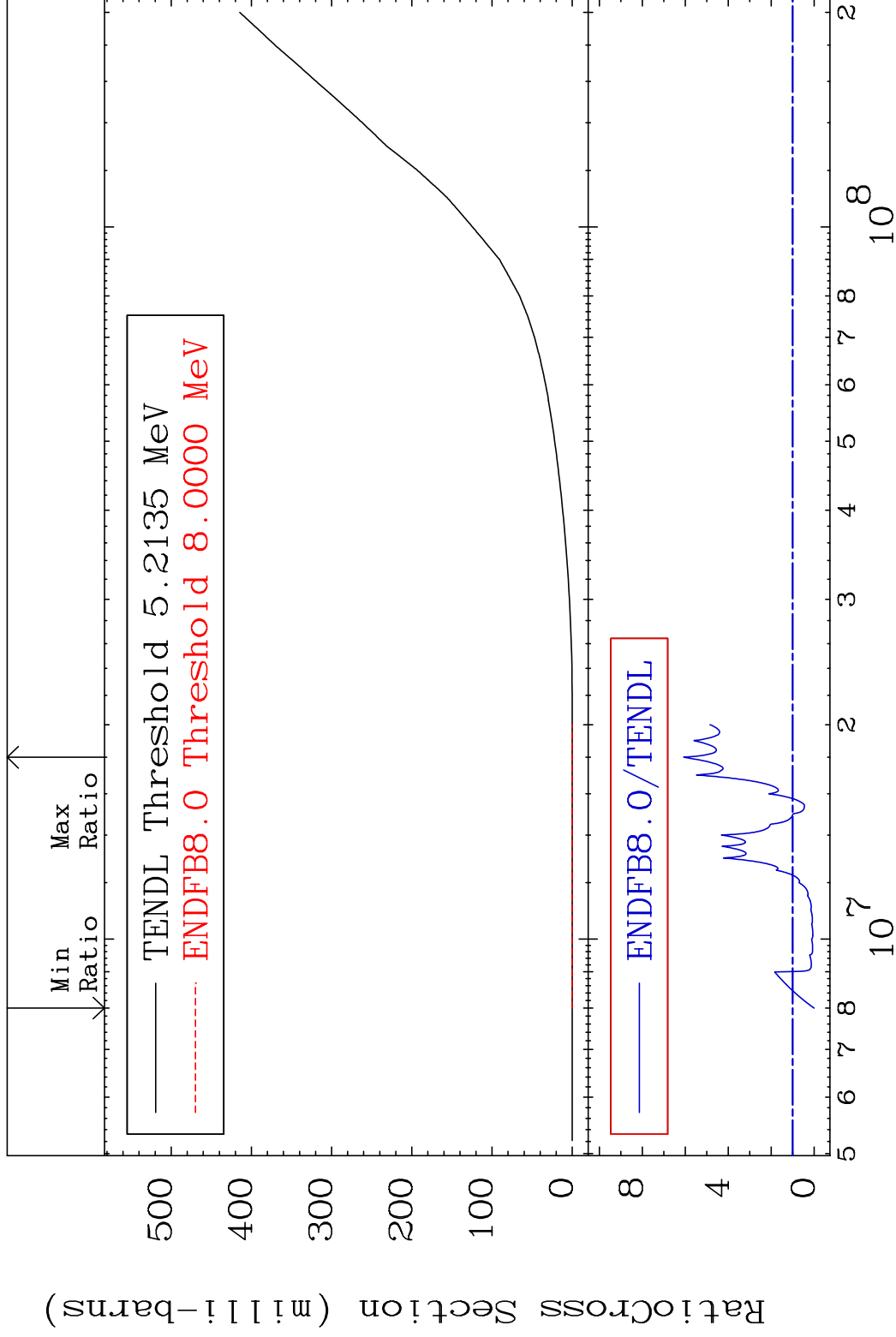
50-Sn-112

MAT 5025

He-3 Production

50-Sn-112

Cross Section -100.0 To 507.3 %



36

Incident Energy (eV)

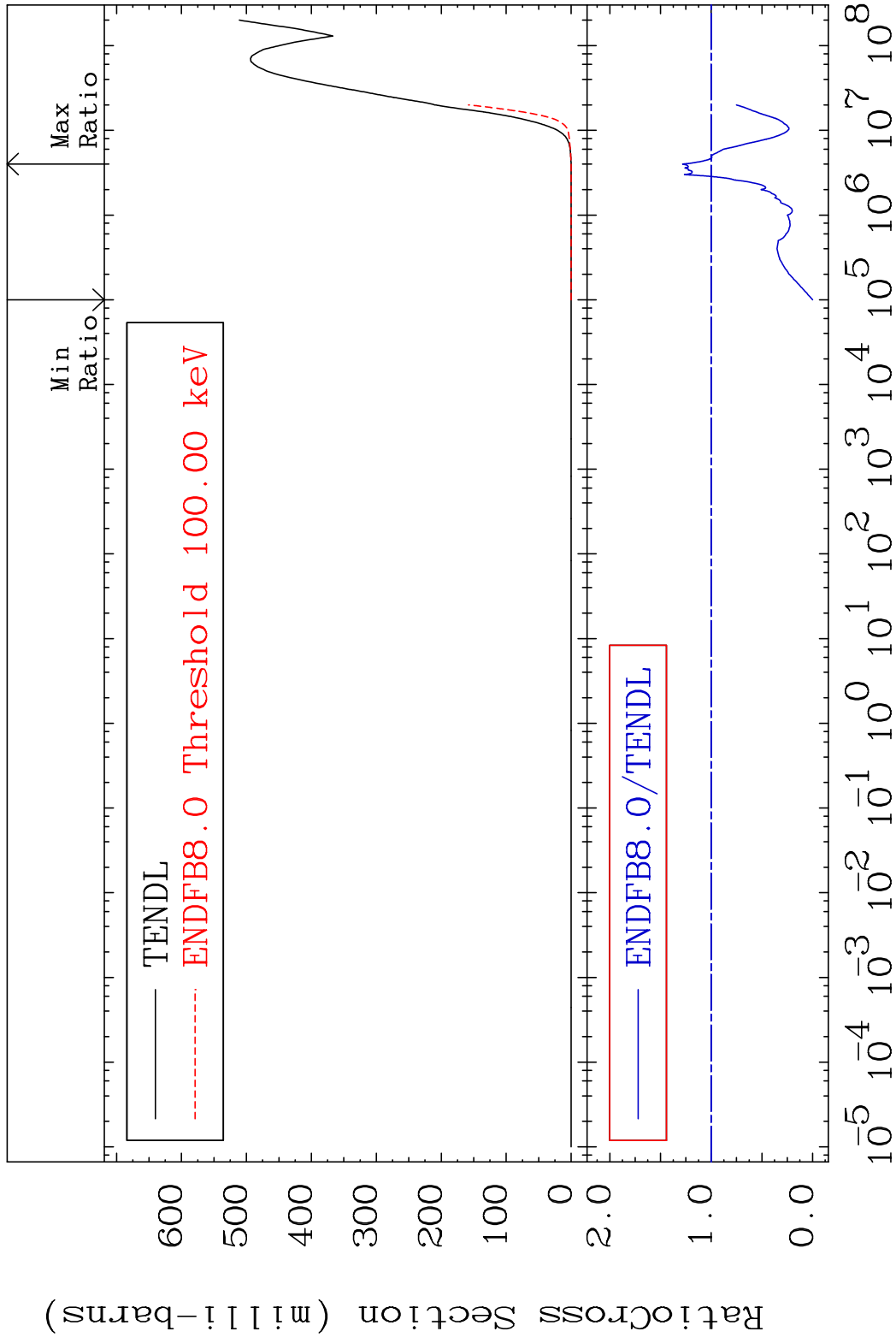
50-Sn-112

MAT 5025

He-4 Production

50-Sn-112

Cross Section -100.0 To 28.44 %

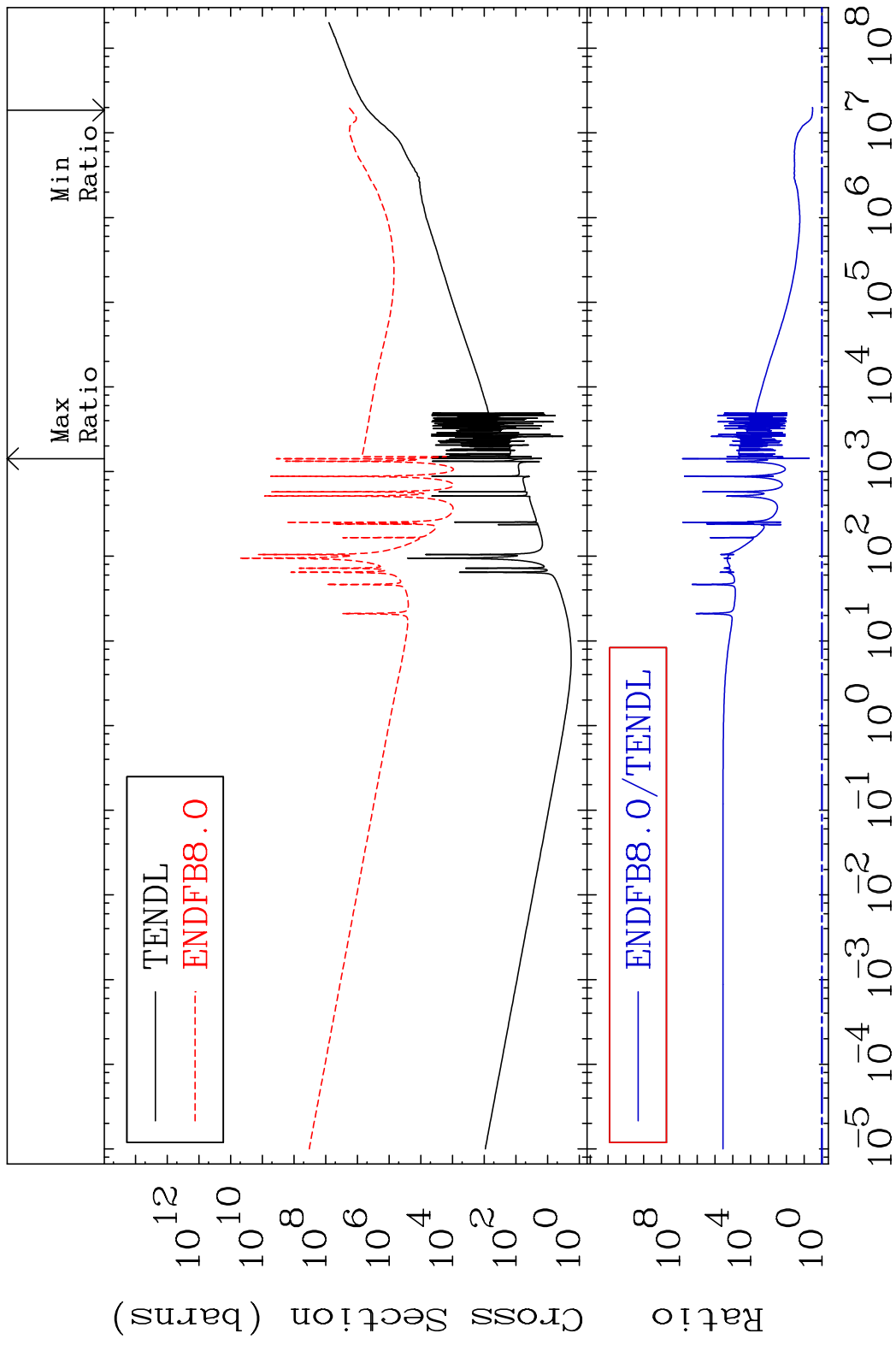


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Incident Energy (eV)

50-Sn-112

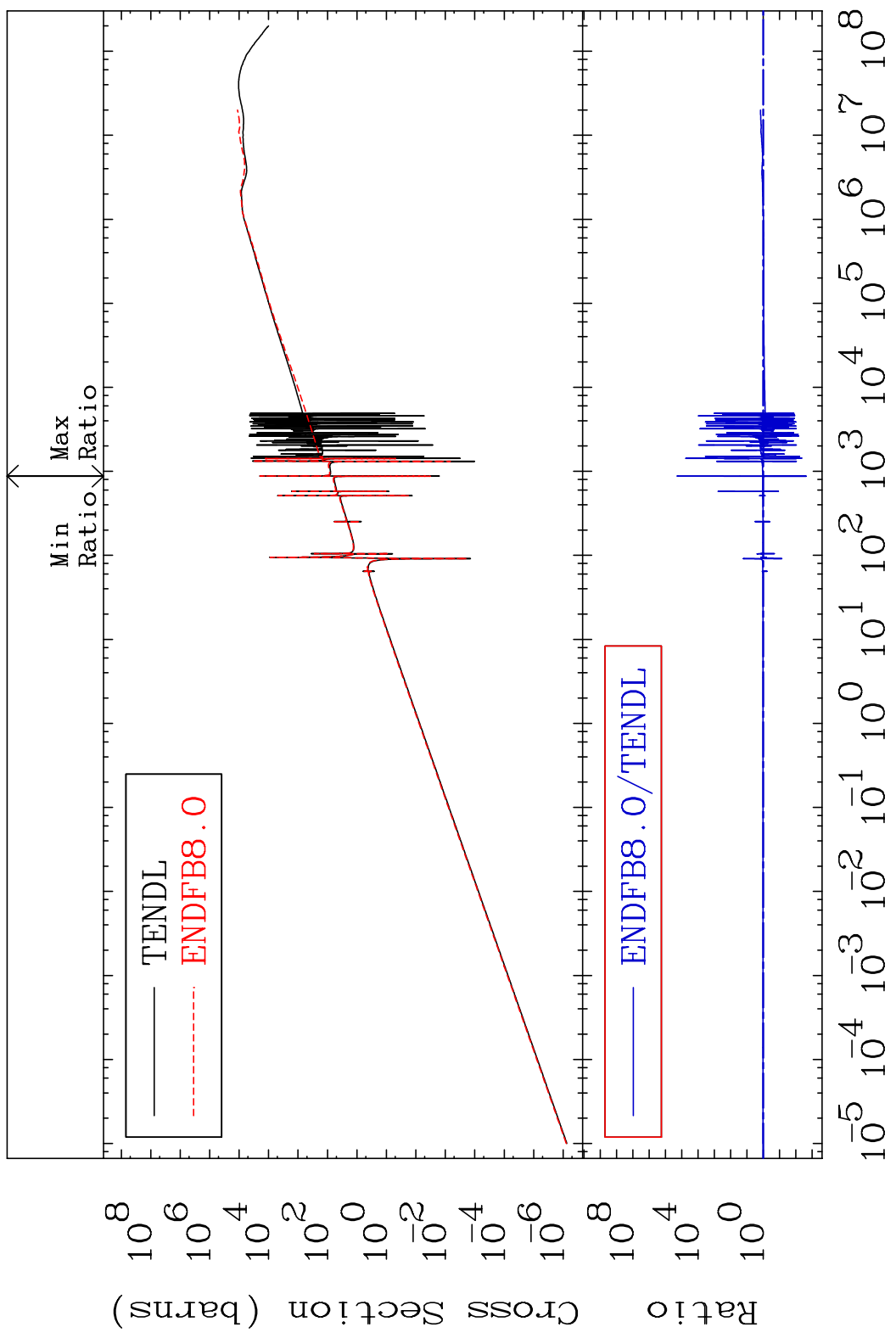
MAT 5025 Kerma total (eV-barns) 50-Sn-112
 Cross Section 239.7 To 9999. %



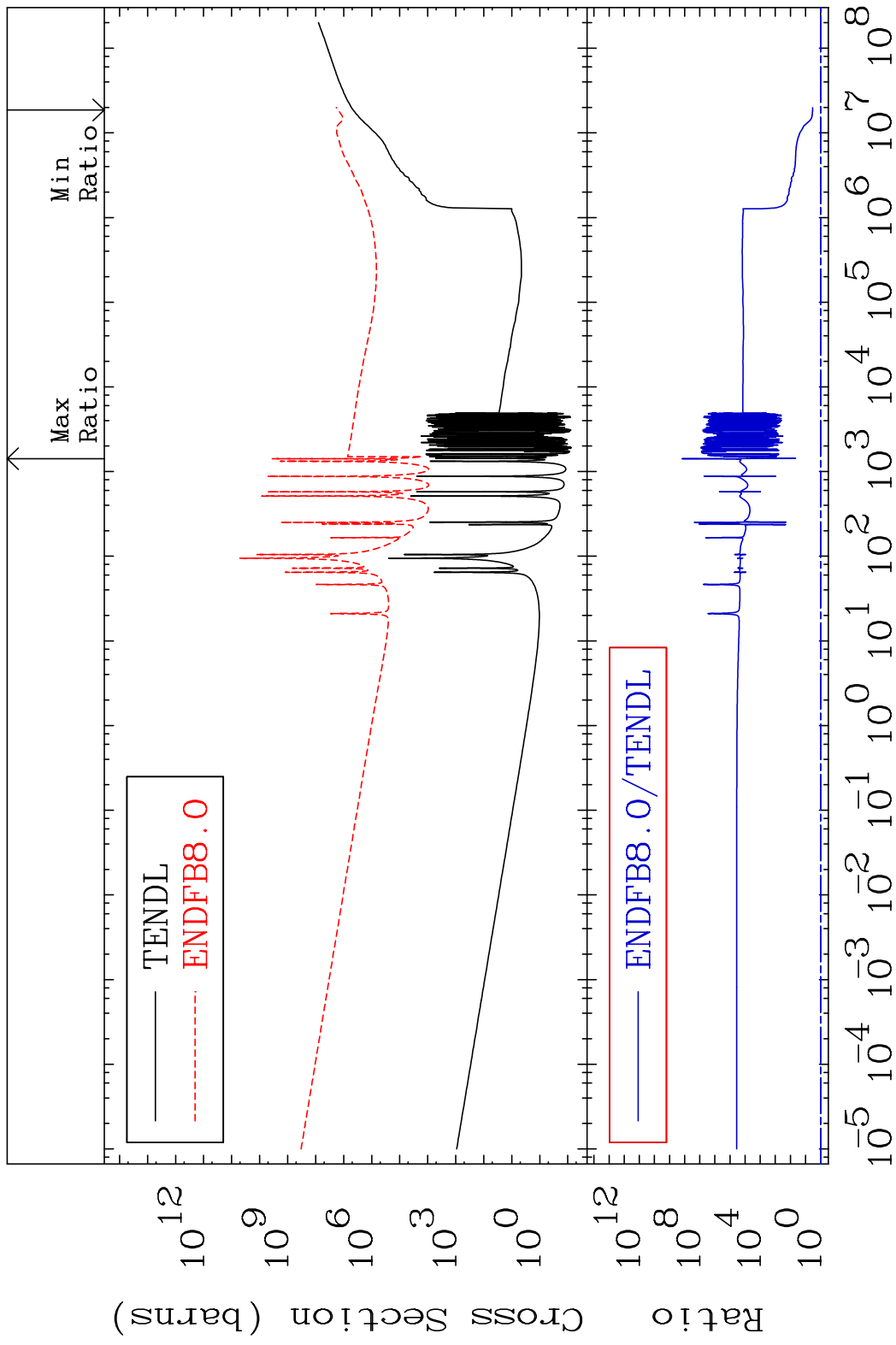
MAT 5025

Kerma elastic Cross Section -99.78 To 9999. %

50-Sn-112

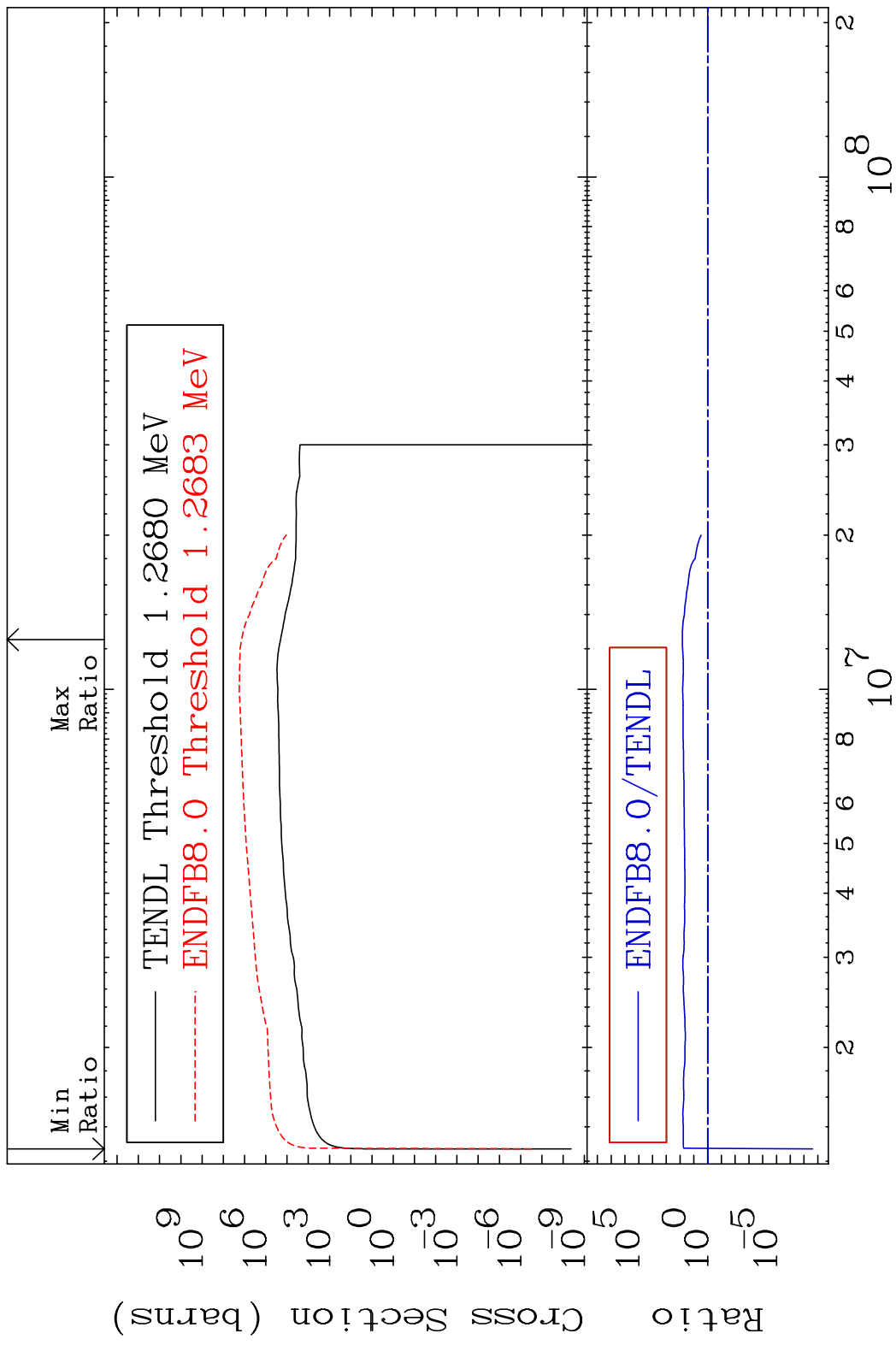


MAT 5025 Kerma non-elastic (all but mt2) 50-Sn-112
 Cross Section 242.9 To 9999. %

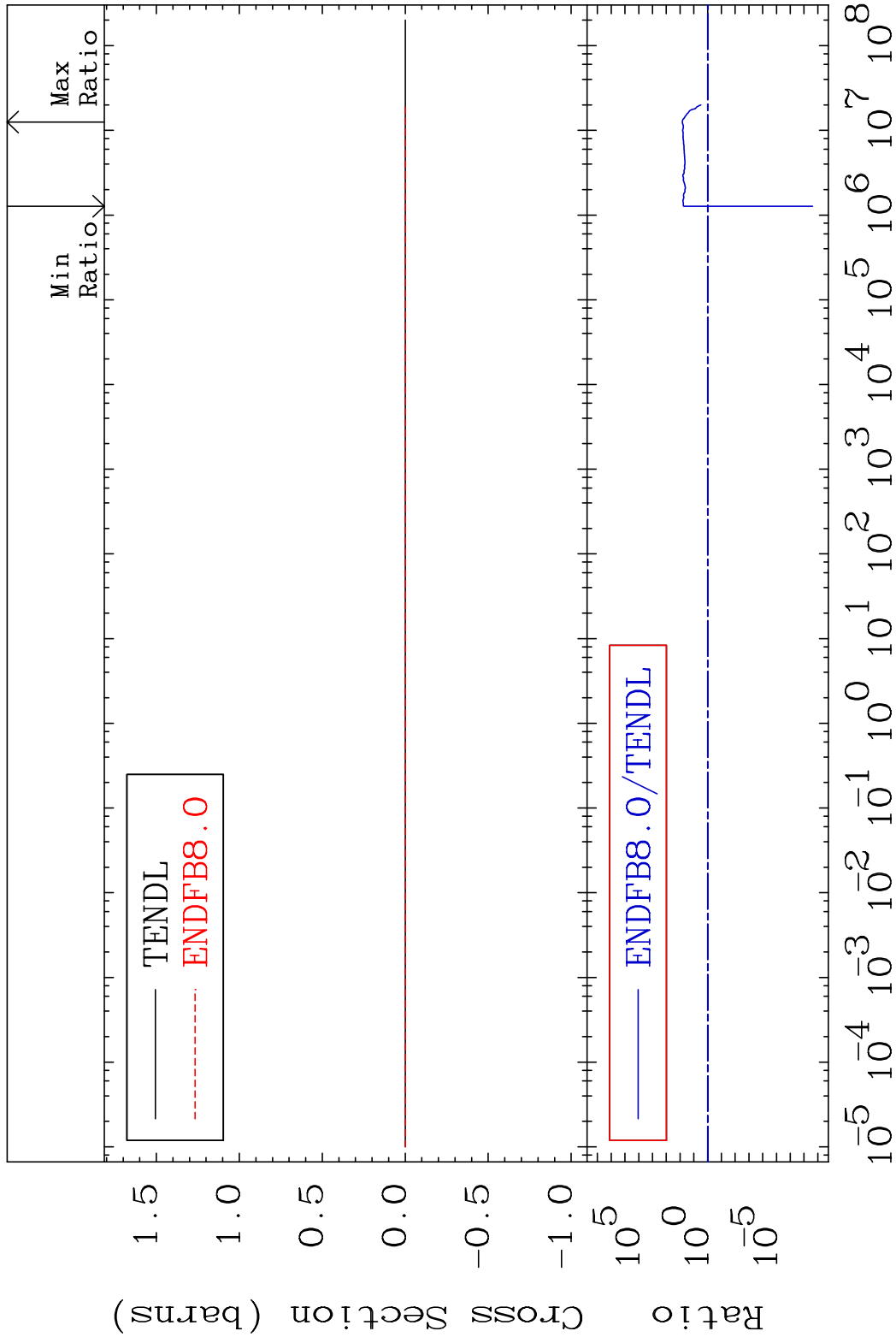


40 Incident Energy (eV) 50-Sn-112

MAT 5025 Kerma inelastic (mt51-91) 50-Sn-112
 Cross Section -100.0 To 6725. %

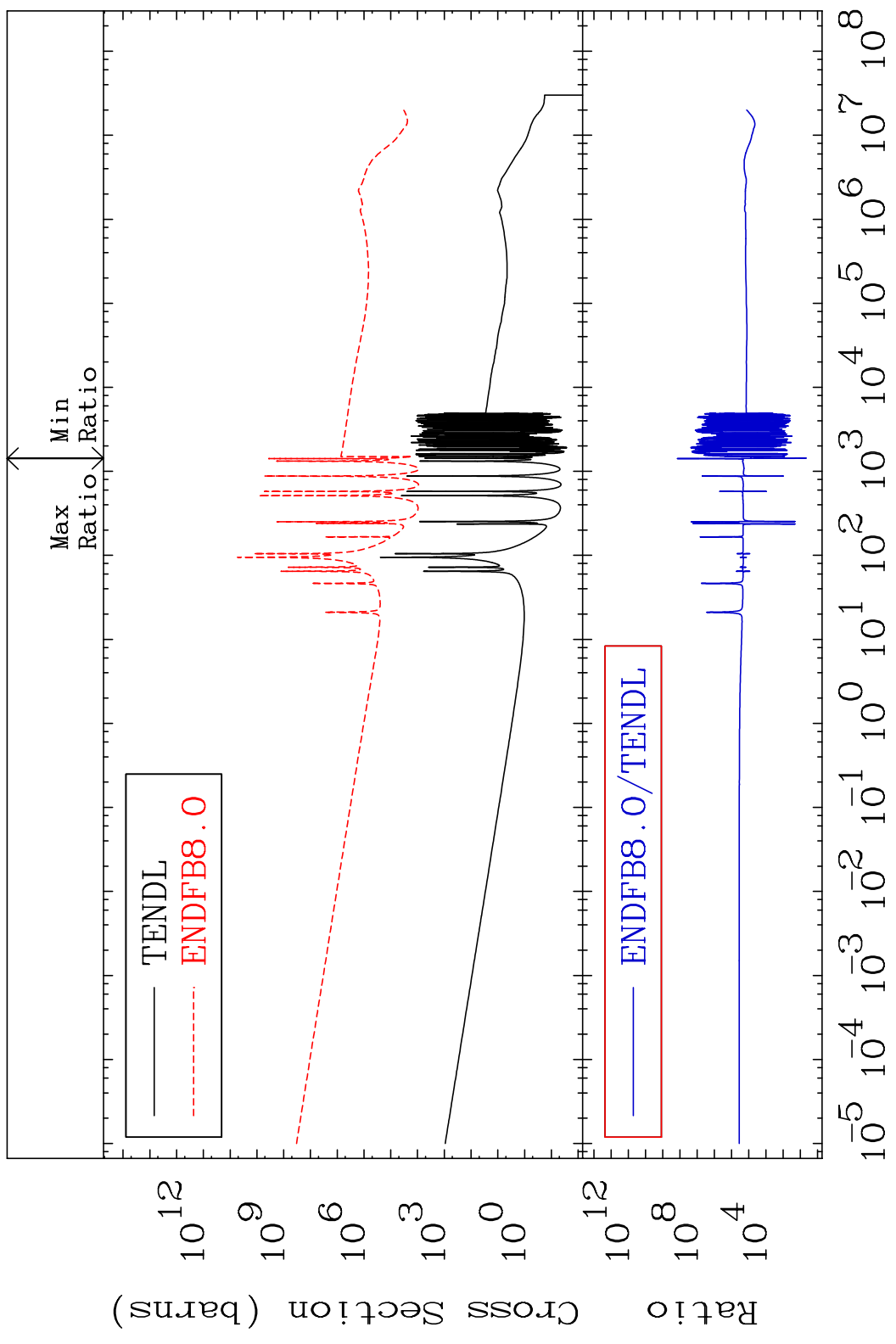


MAT 5025 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-112
 Cross Section -100.0 To 6725. %



MAT 5025

Kerma capture (mt102) 50-Sn-112
Cross Section 4397. To 9999. %

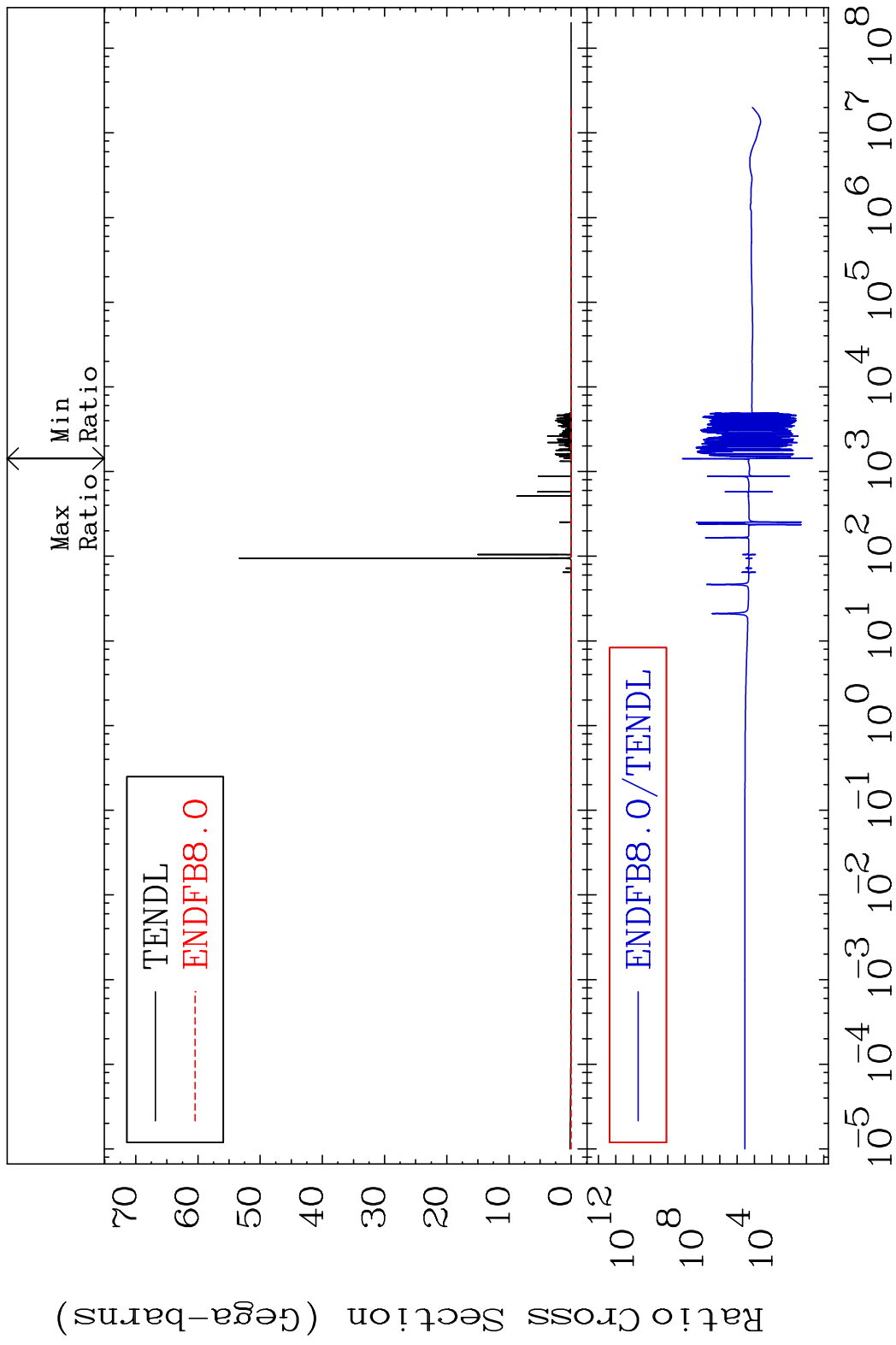


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Incident Energy (eV)

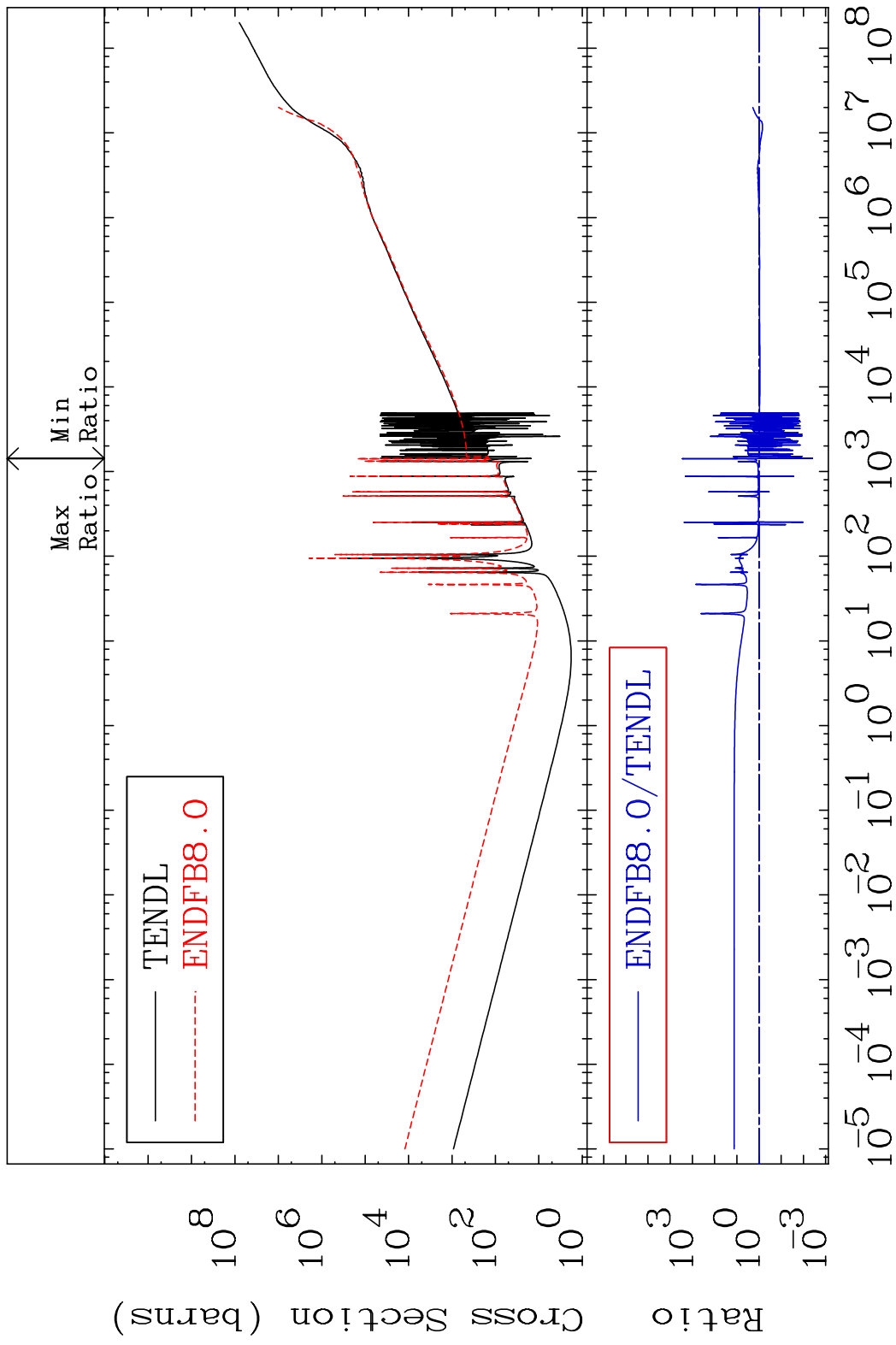
50-Sn-112

MAT 5025 Total photon (eV-barns) 50-Sn-112
Cross Section 4397. To 9999. %

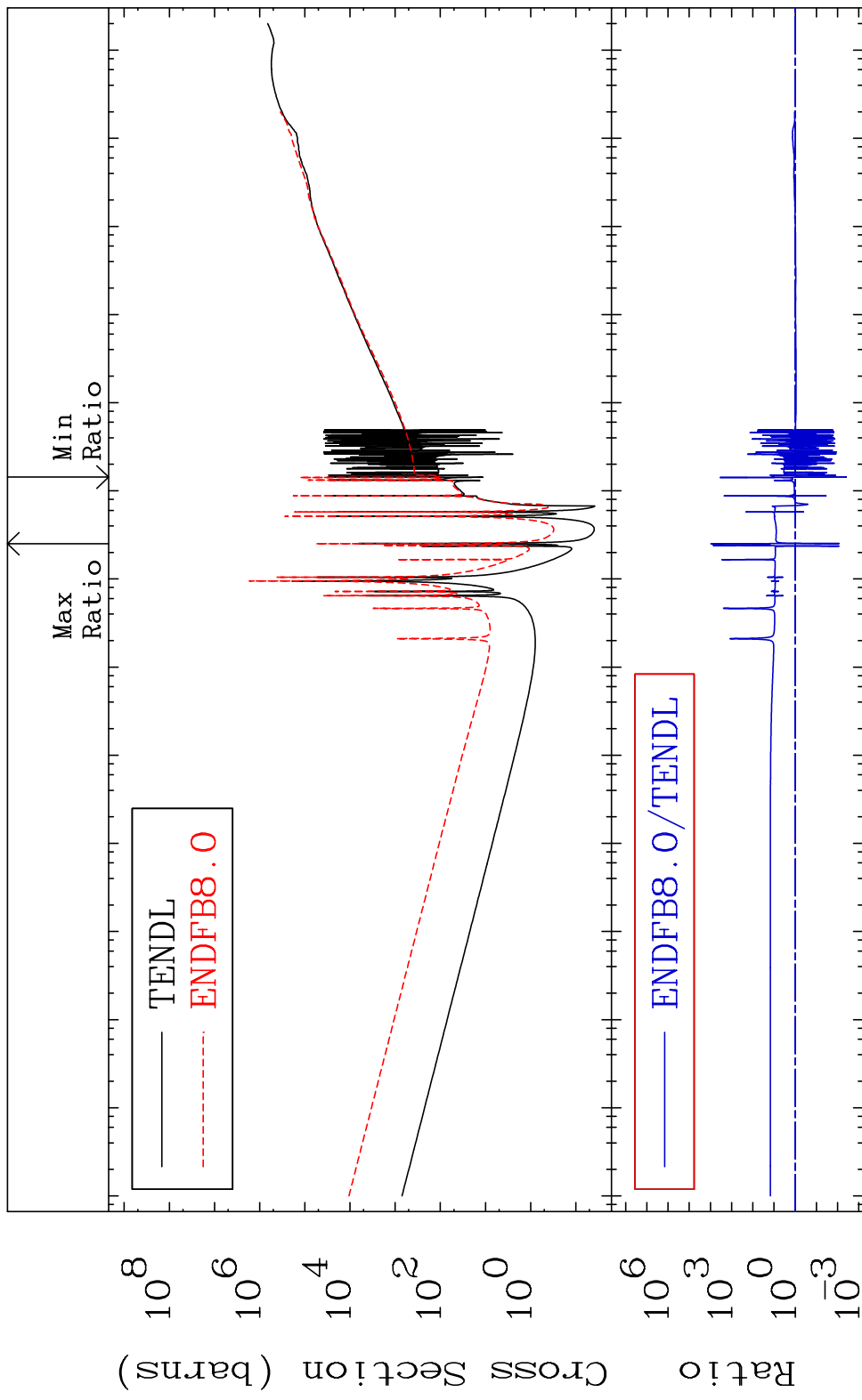


44 Incident Energy (eV) 50-Sn-112

MAT 5025 Total kinematic kerma (high limit) 50-Sn-112
 Cross Section -99.61 To 9999. %

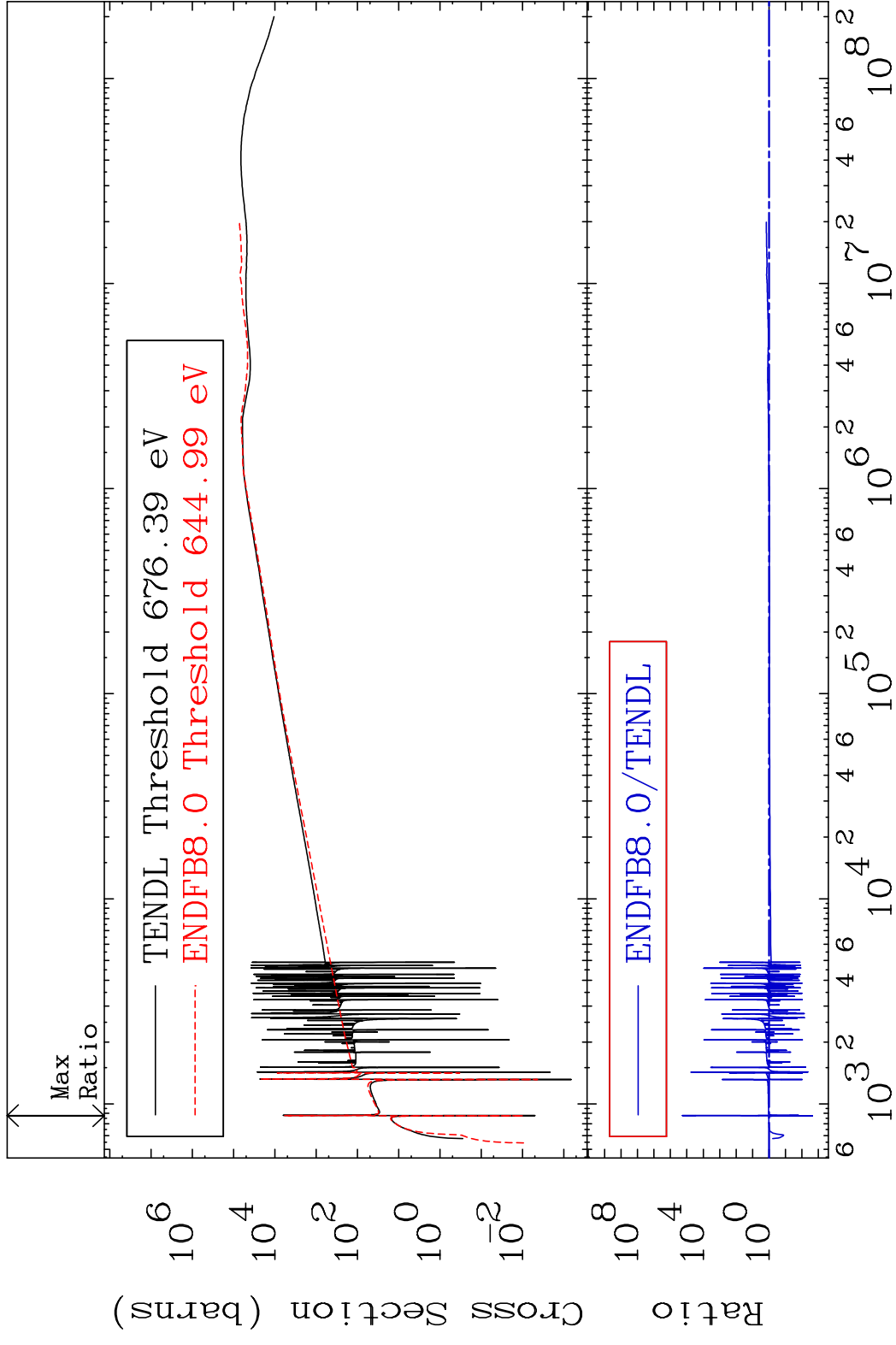


MAT 5025 Dpa total (eV-barns) 50-Sn-112
 Cross Section -99.61 To 9999. %

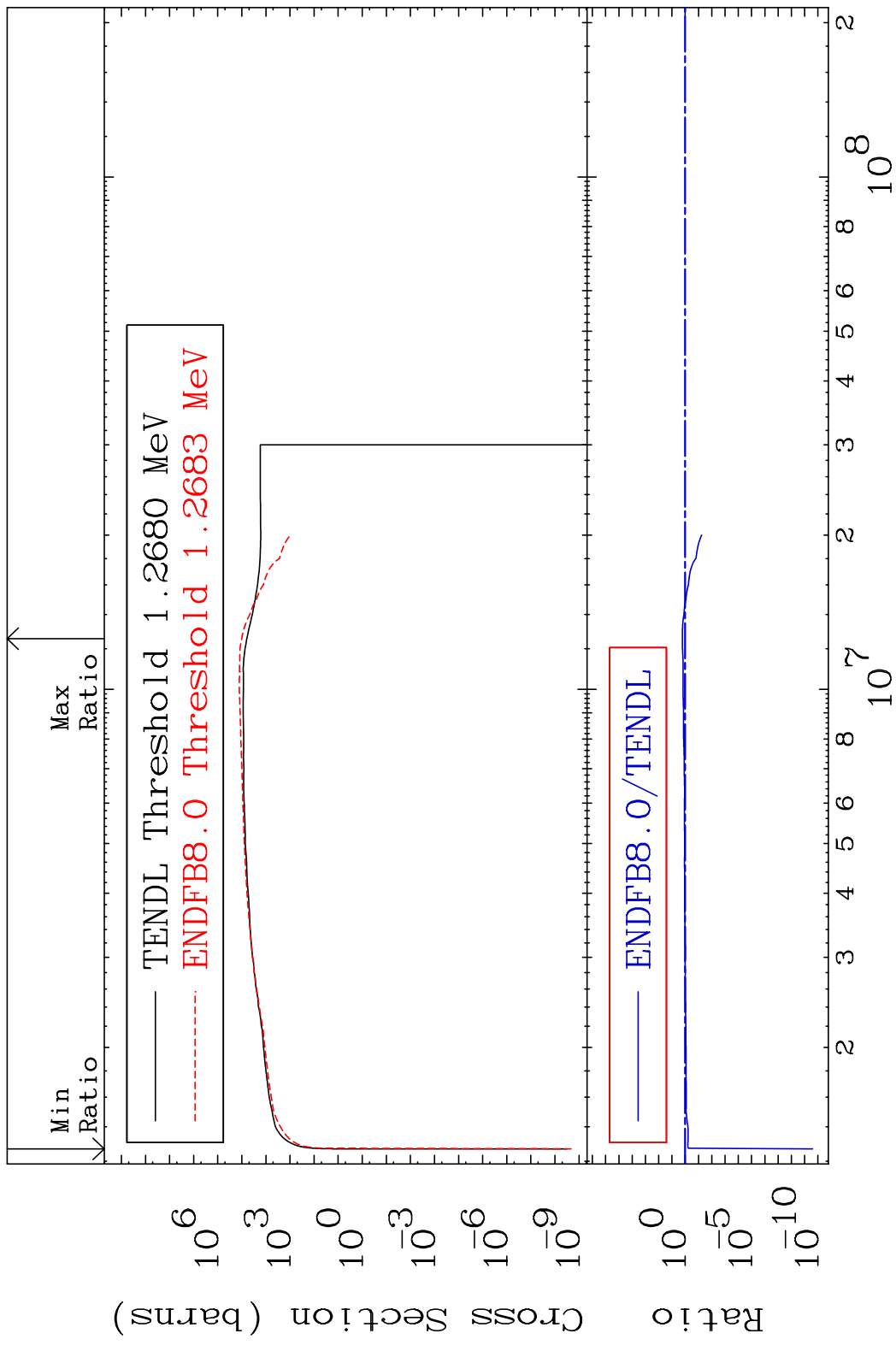


46 Incident Energy (eV) 50-Sn-112

MAT 5025 Dpa elastic (mt2) 50-Sn-112
 Cross Section -99.78 To 9999. %



MAT 5025 Dpa inelastic (mt51-91) 50-Sn-112
 Cross Section -100.0 To 64.60 %



MAT 5025 Dpa disappearance (mt102 -120) 50-Sn-112
 Cross Section -99.80 To 9999. %

