

Program Complot
(Version 2018-1)

by

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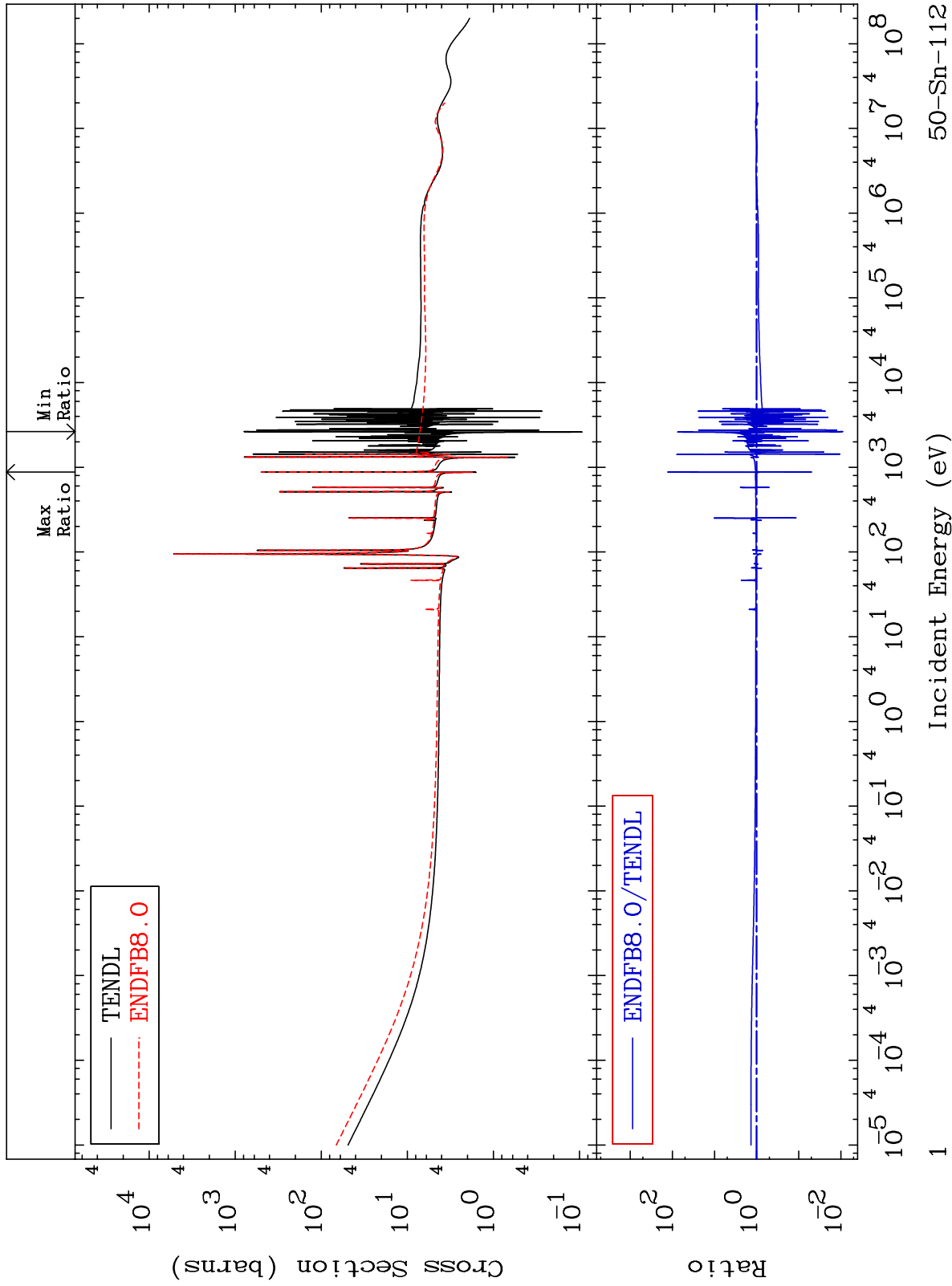
U.S.A.

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Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5025 50-Sn-112 -99.09 To 9999. % Total Cross Section

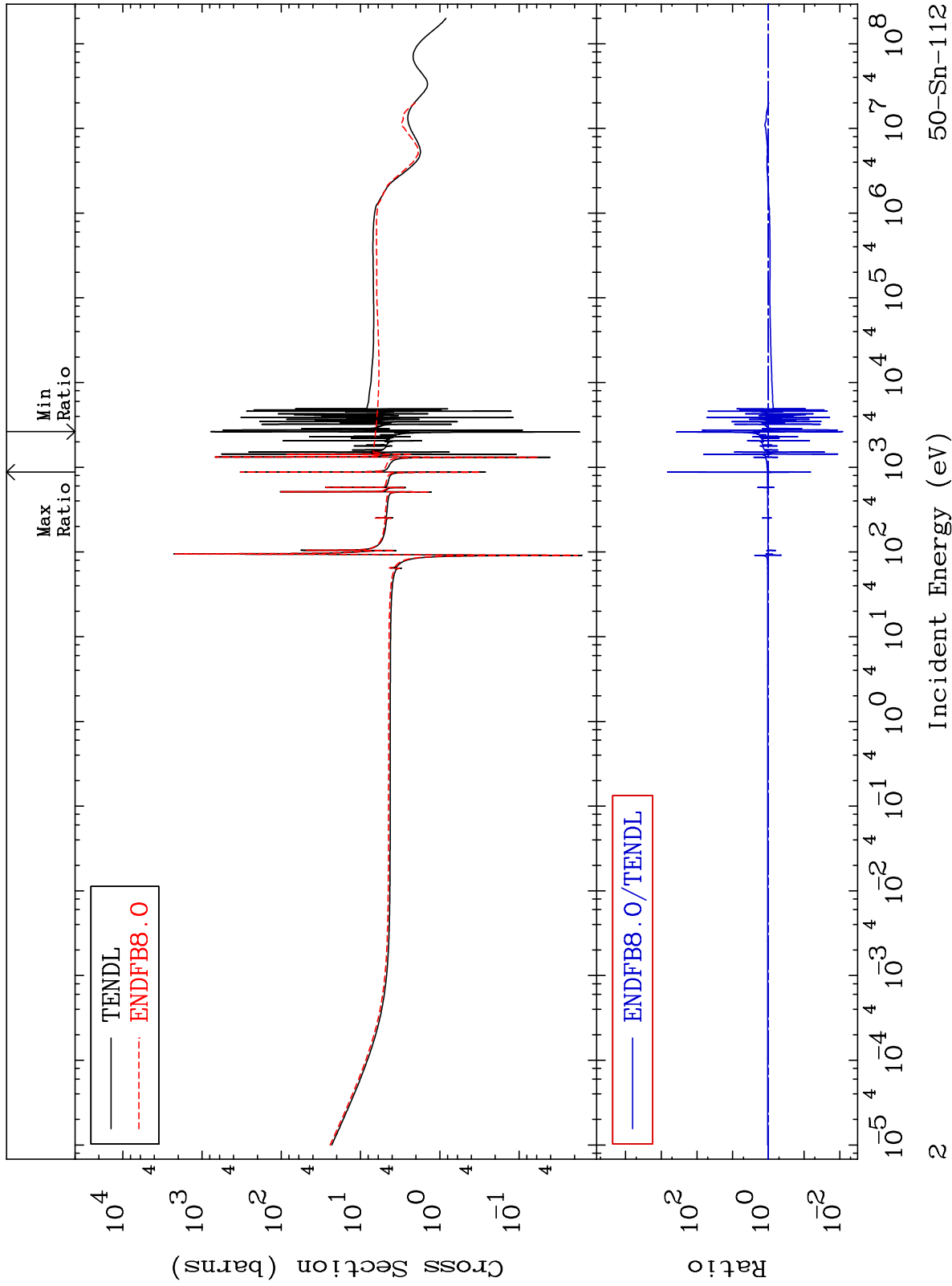


50-Sn-112

MAT 5025

Elastic
Cross Section

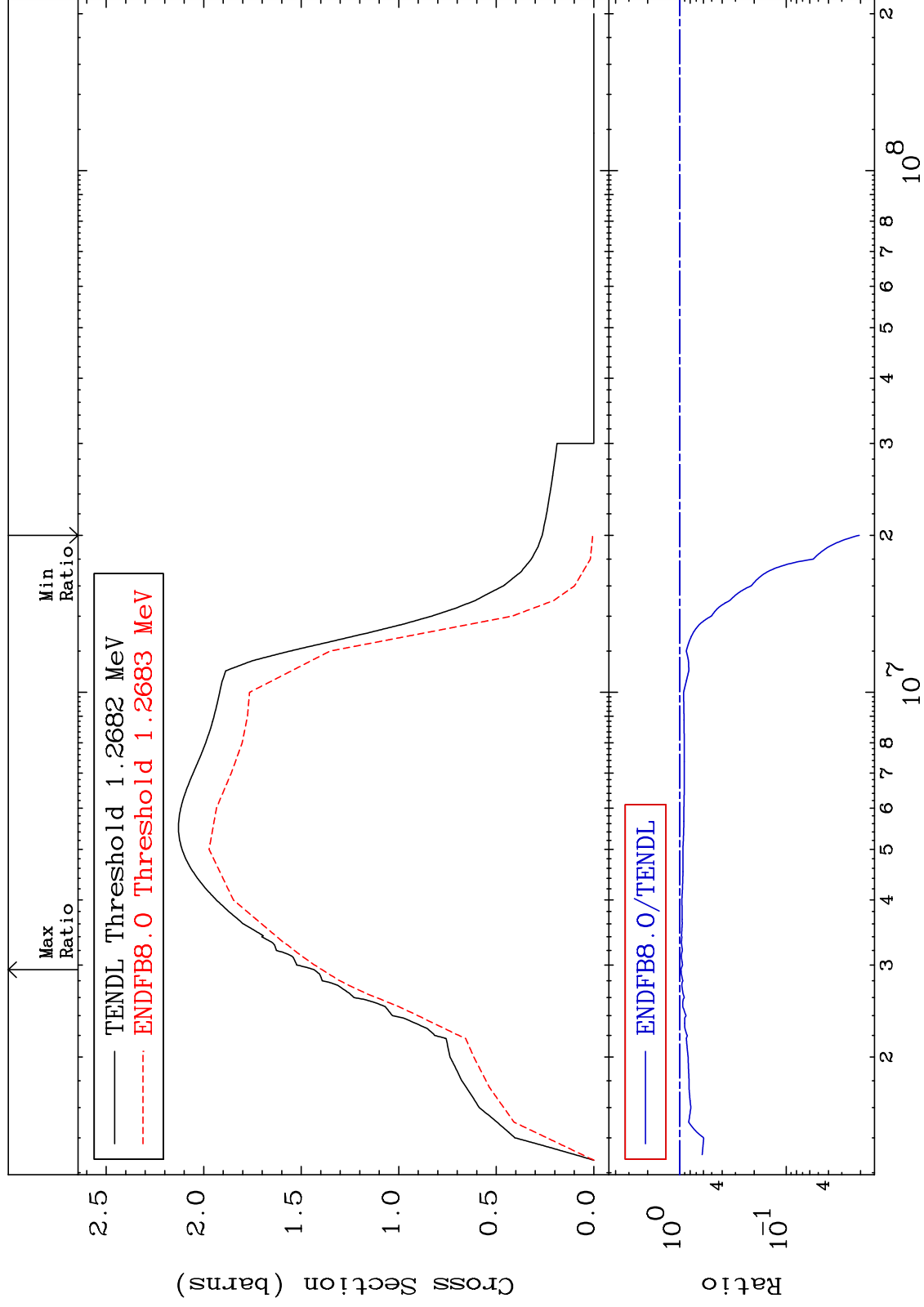
50-Sn-112
-99.17 To 9999. %



MAT 5025

Inelastic
Cross Section

50-Sn-112
-97.95 To -2.846%



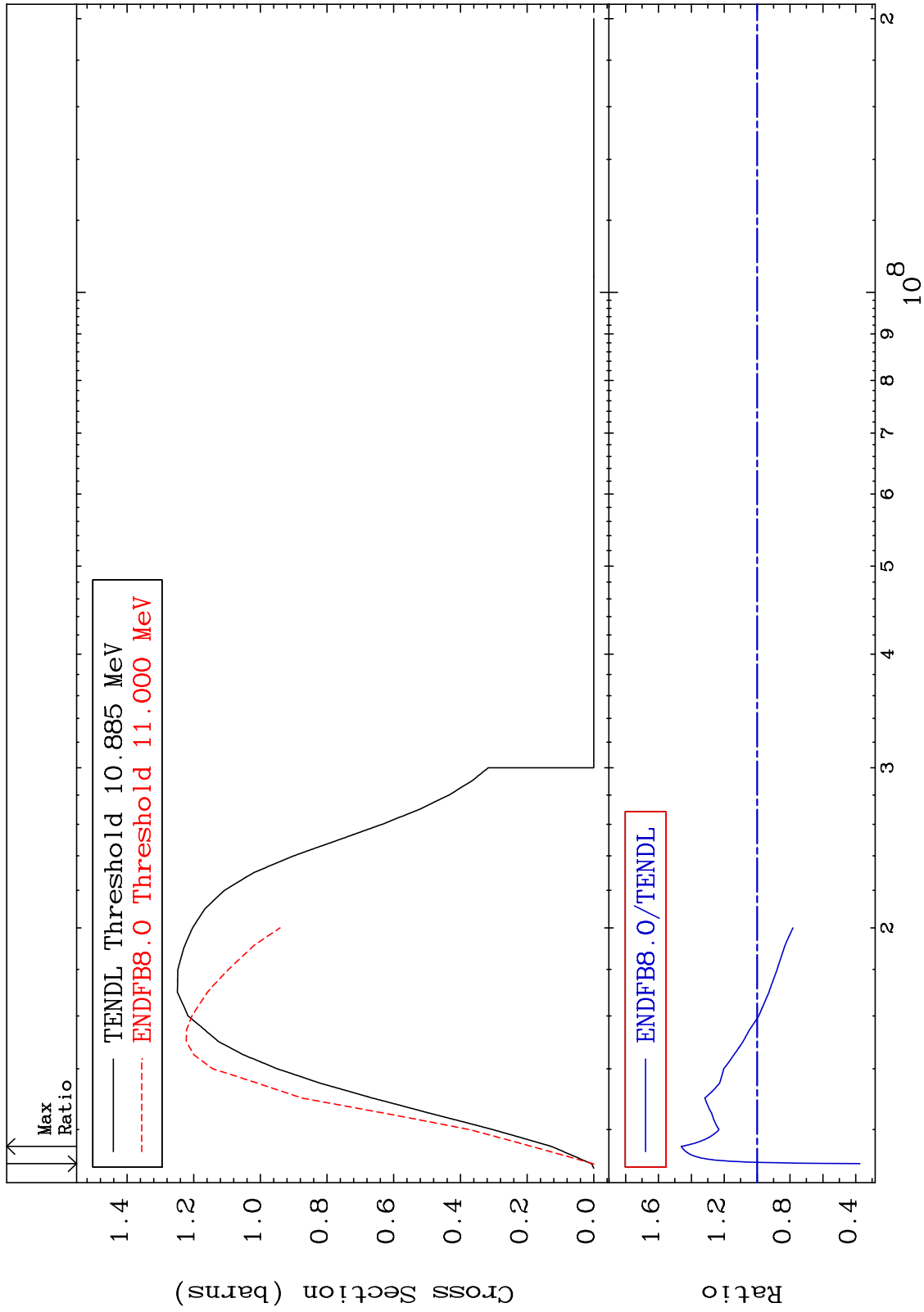
MAT 5025

(n,2n)

50-Sn-112

Cross Section

-62.55 To 46.16 %



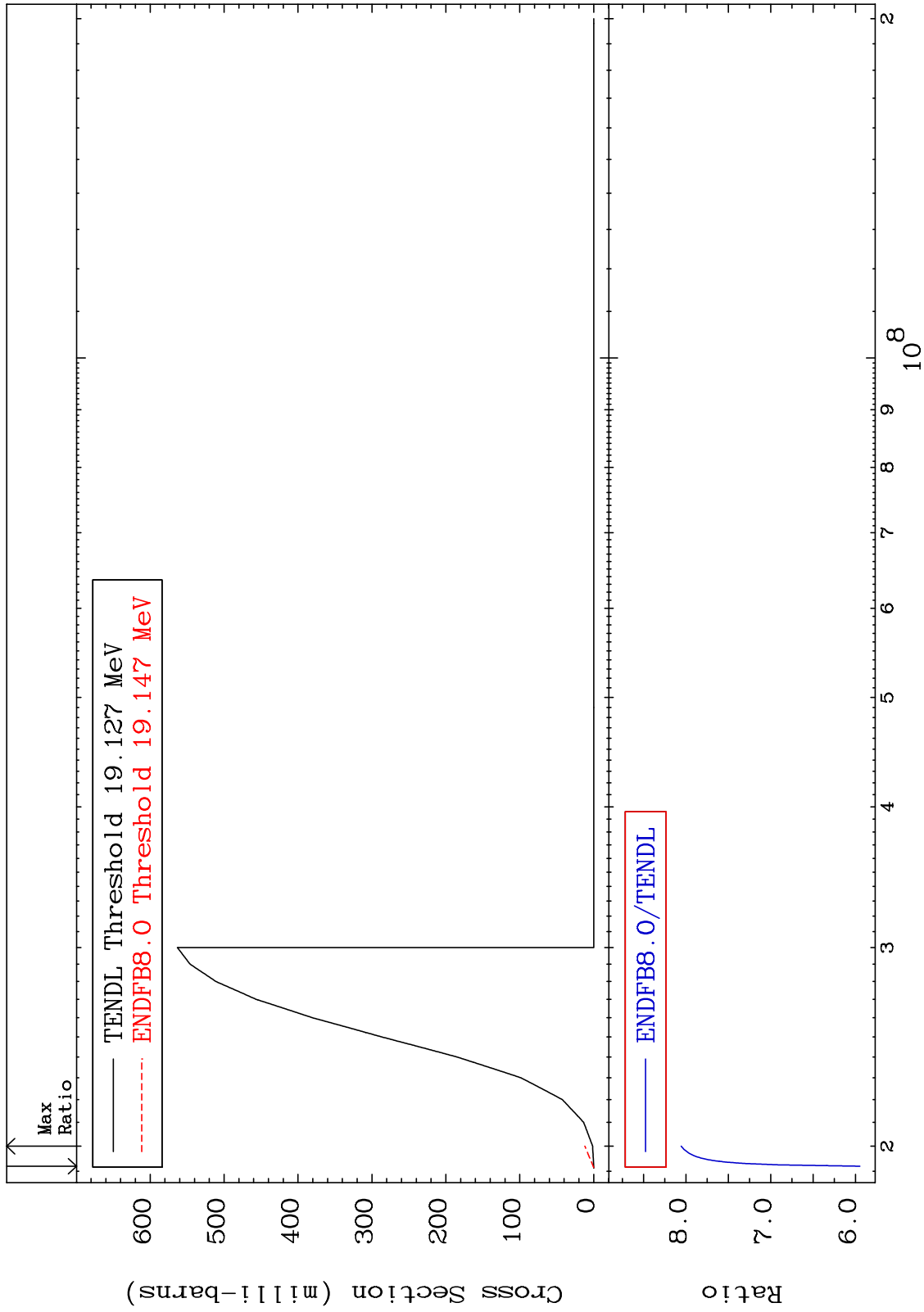
MAT 5025

(n,3n)

50-Sn-112

Cross Section

494.7 To 705.7 %



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Incident Energy (eV)

50-Sn-112

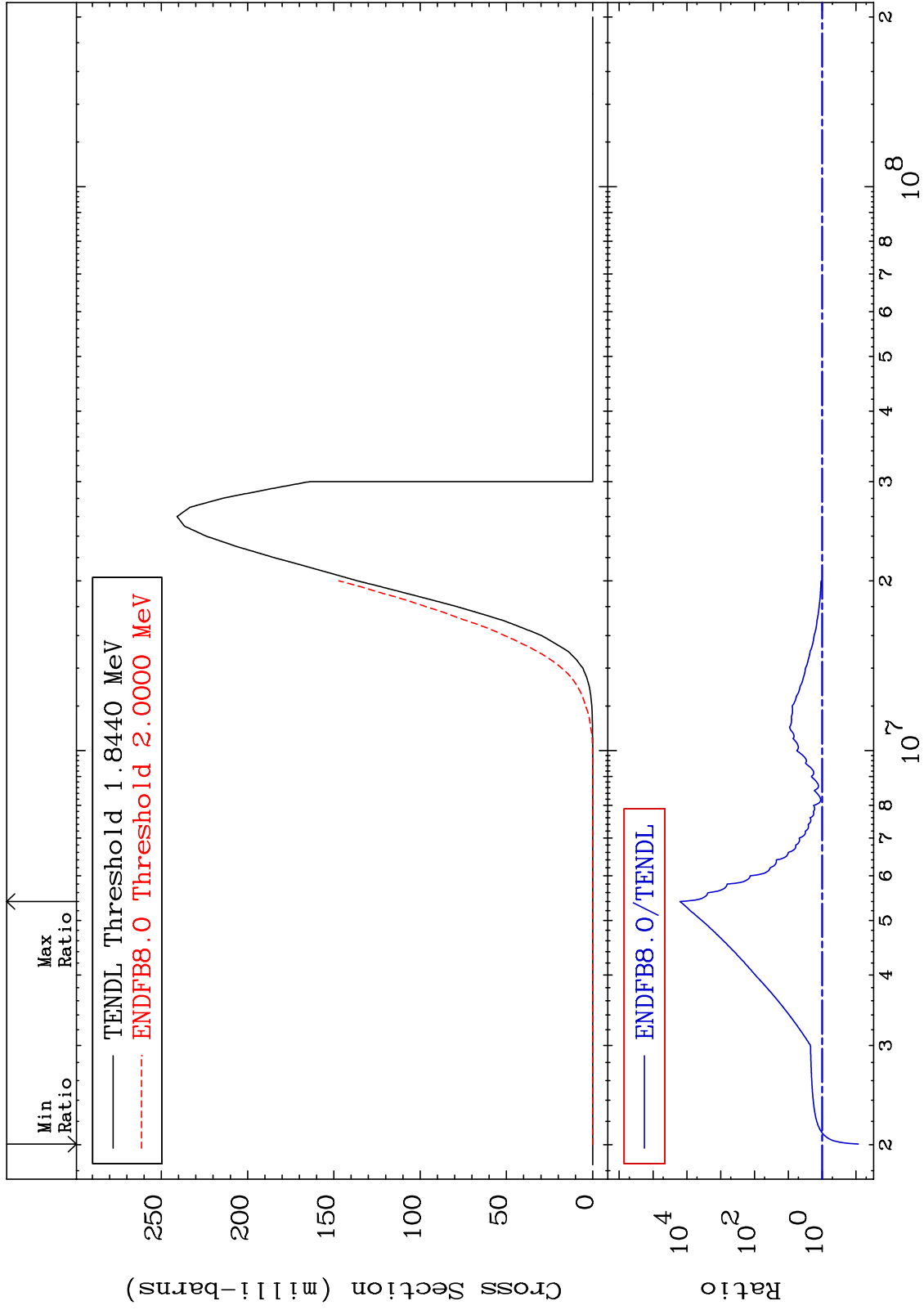
MAT 5025

(n,n') α

50-Sn-112

Cross Section

-91.55 To 9999. %



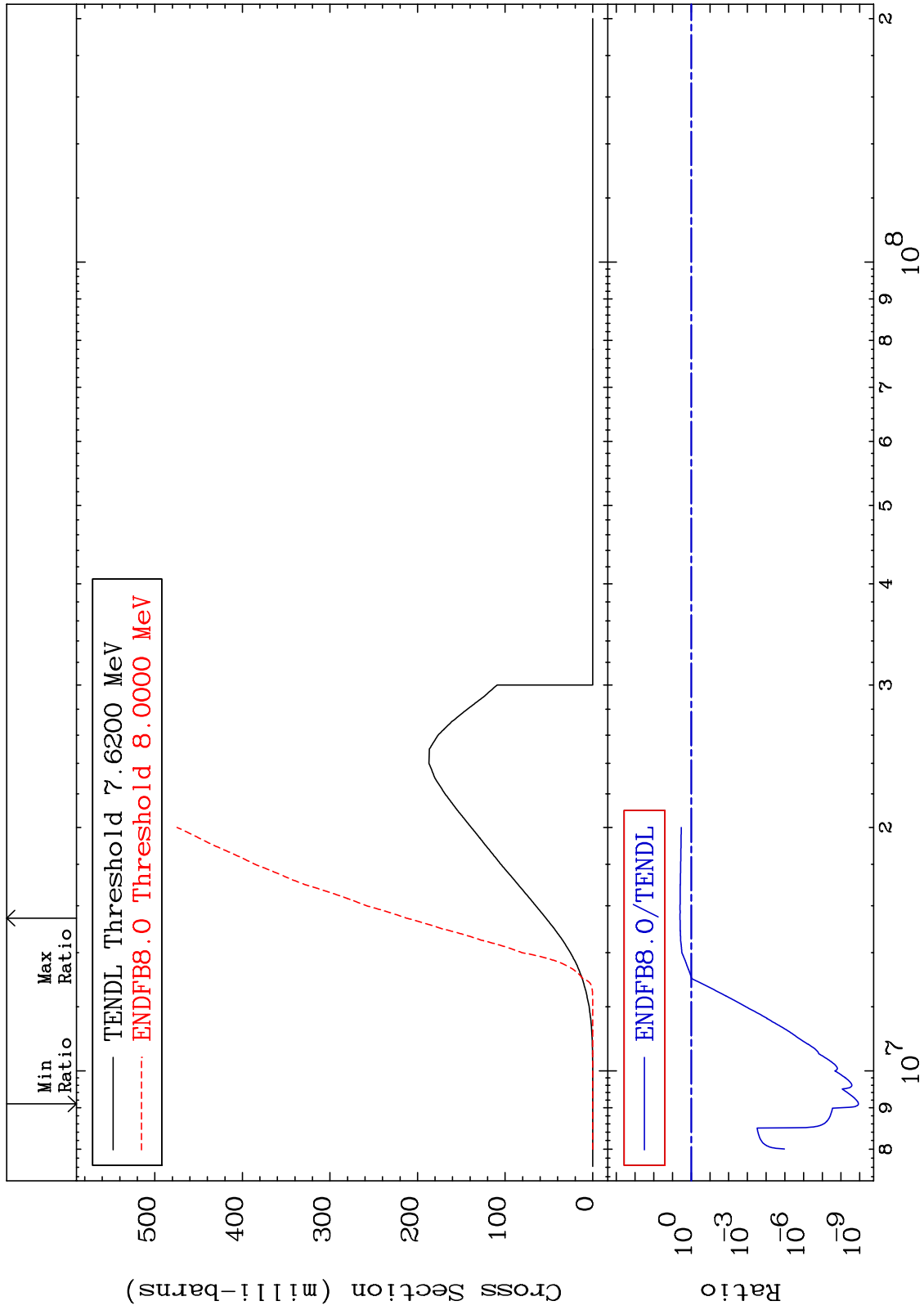
MAT 5025

(n,n') p

50-Sn-112

Cross Section

-100.0 To 297.7 %

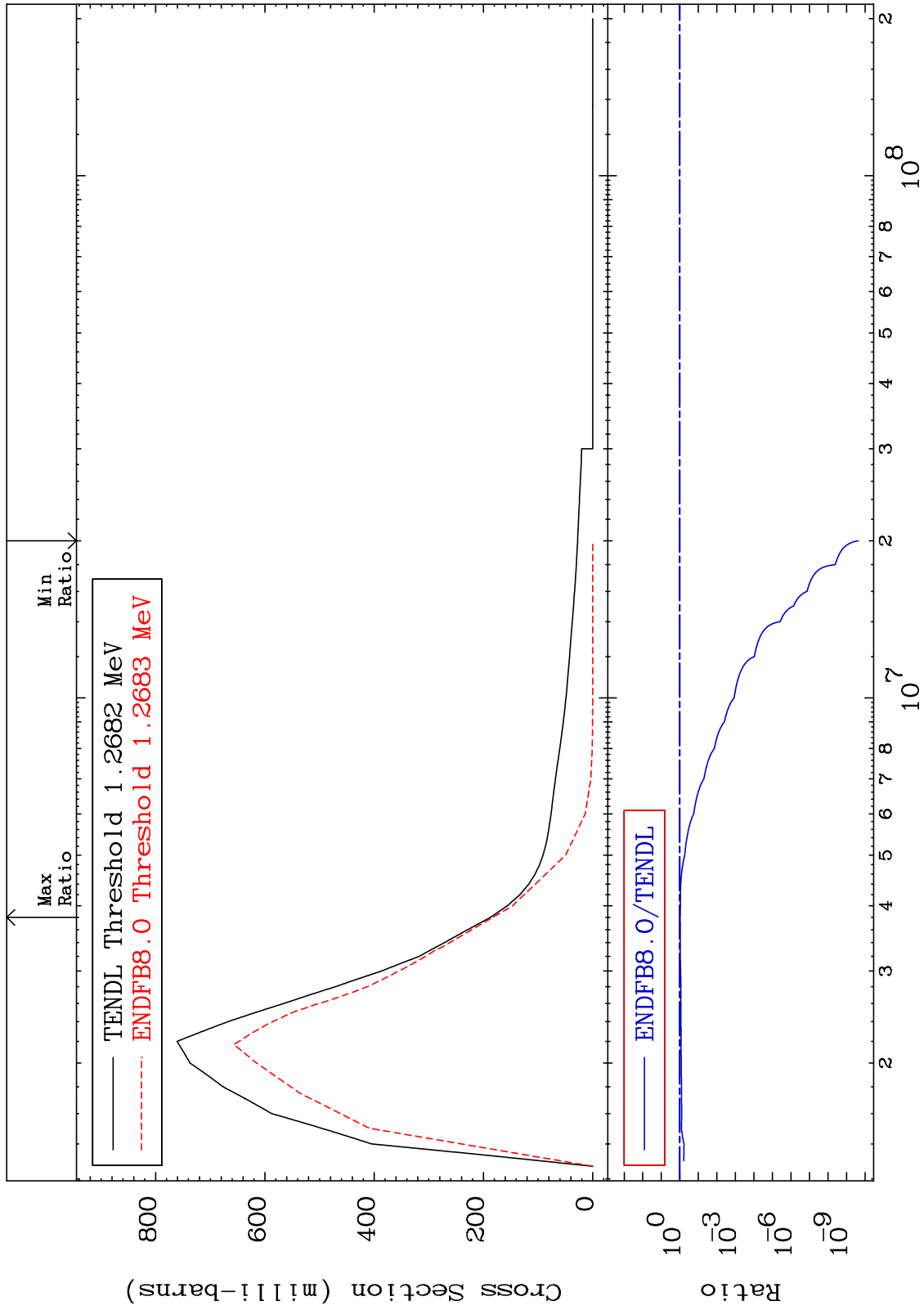


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Incident Energy (eV)

50-Sn-112

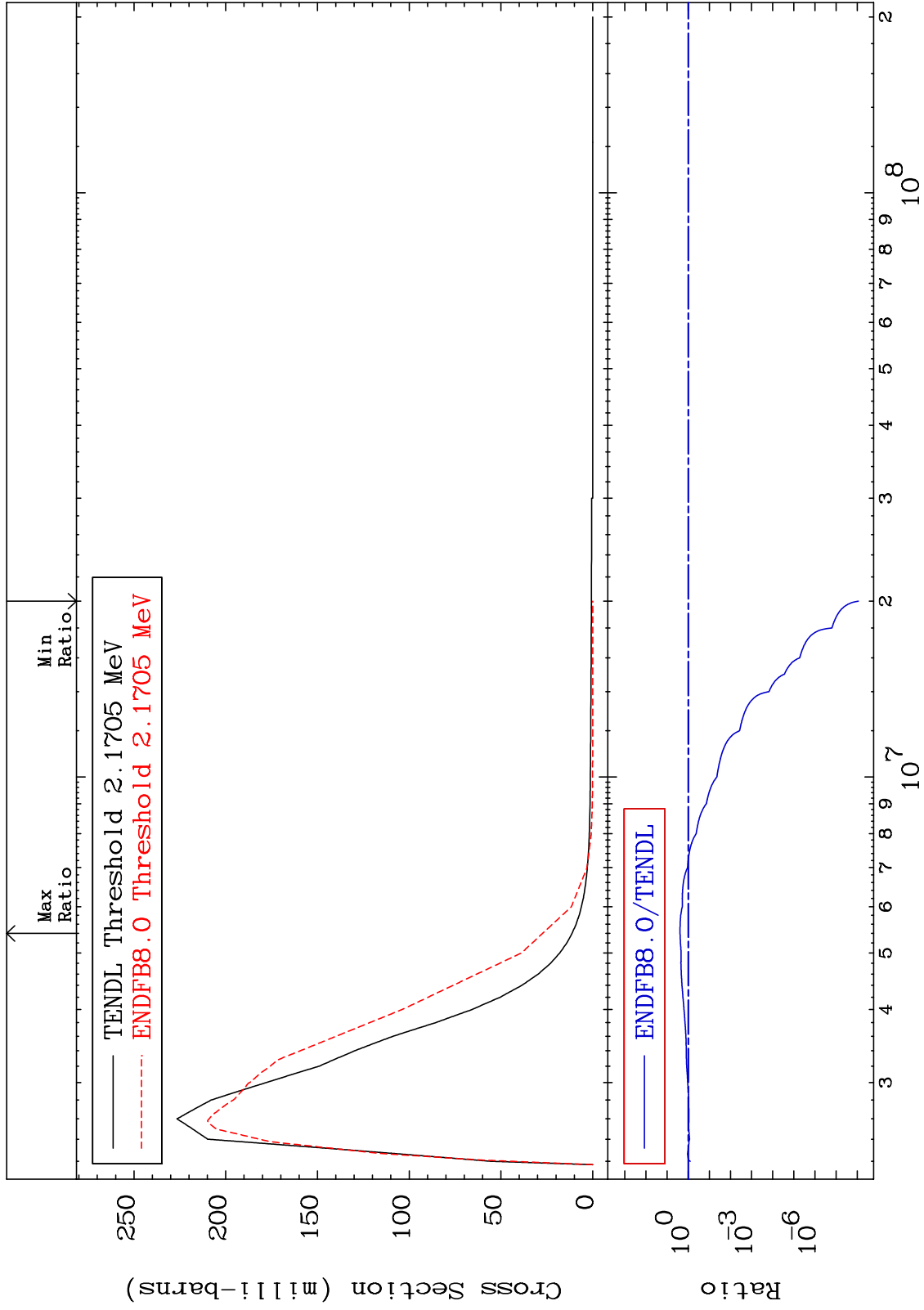
MAT 5025 MT= 51 (n, n') Level Cross Section 50-Sn-112 -100.0 To -2.371%



MAT 5025

MT= 52 (n,n') Level
Cross Section

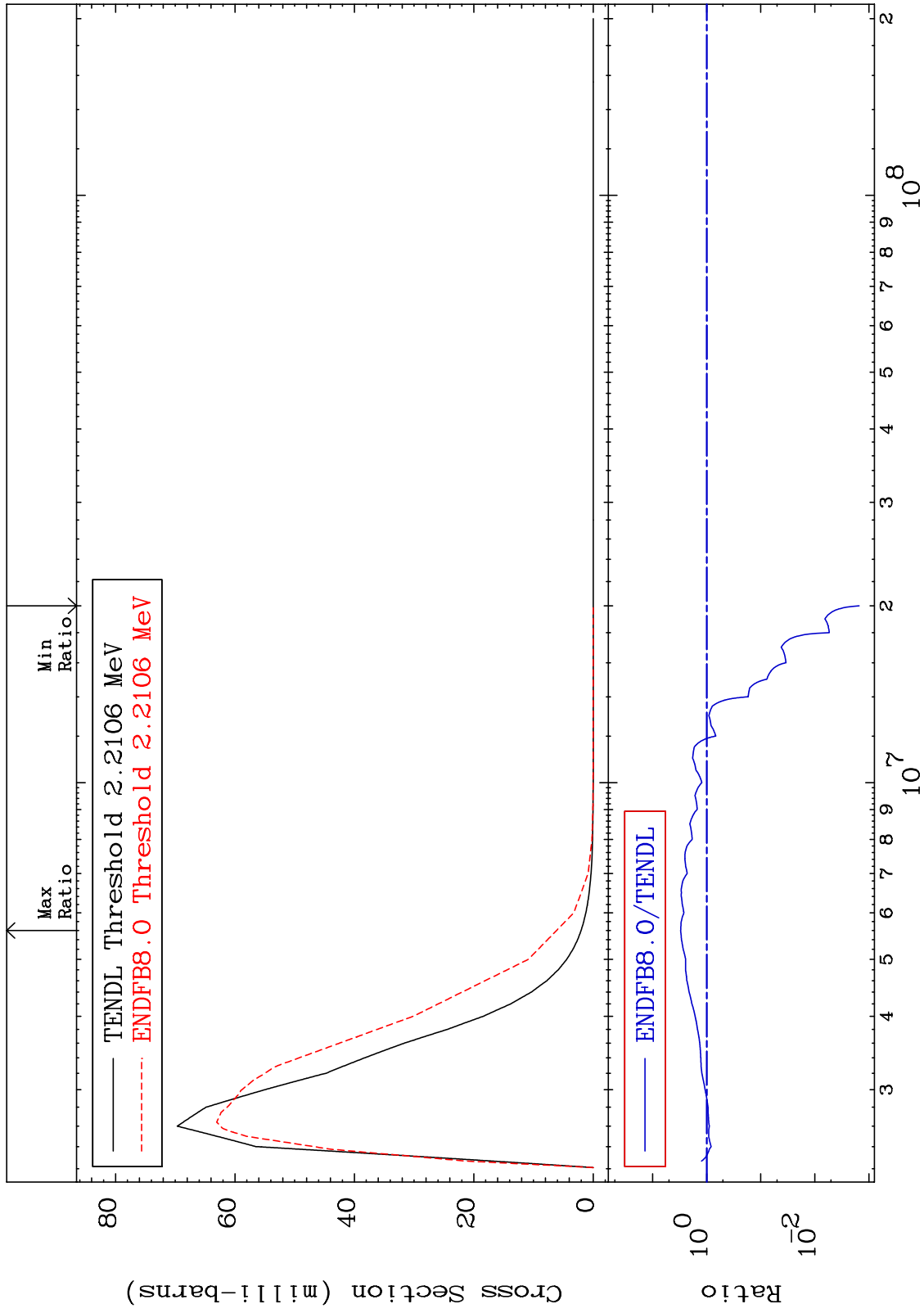
50-Sn-112
-100.0 To 143.4 %



MAT 5025

MT= 53 (n,n') Level
Cross Section

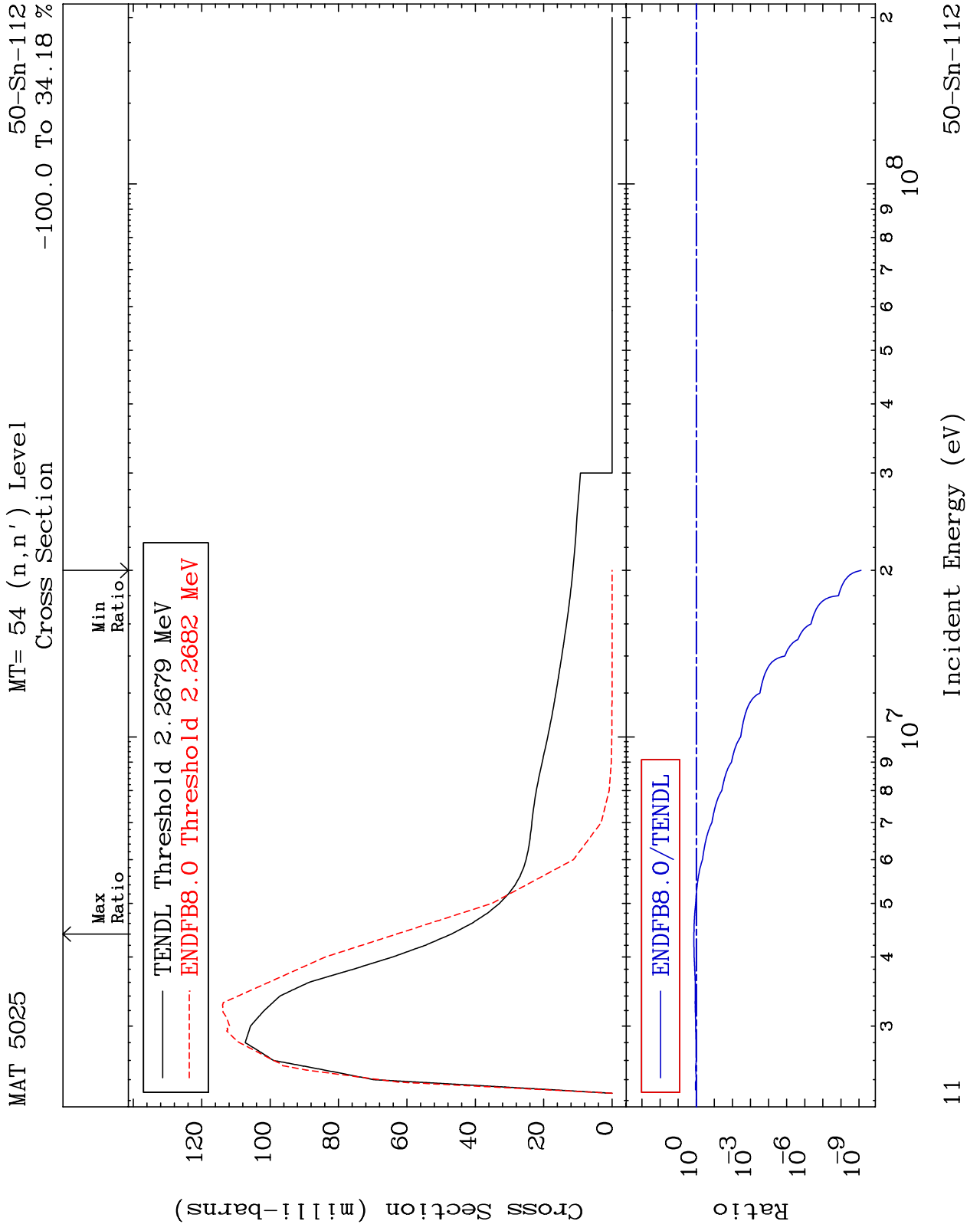
50-Sn-112
-99.85 To 203.5 %



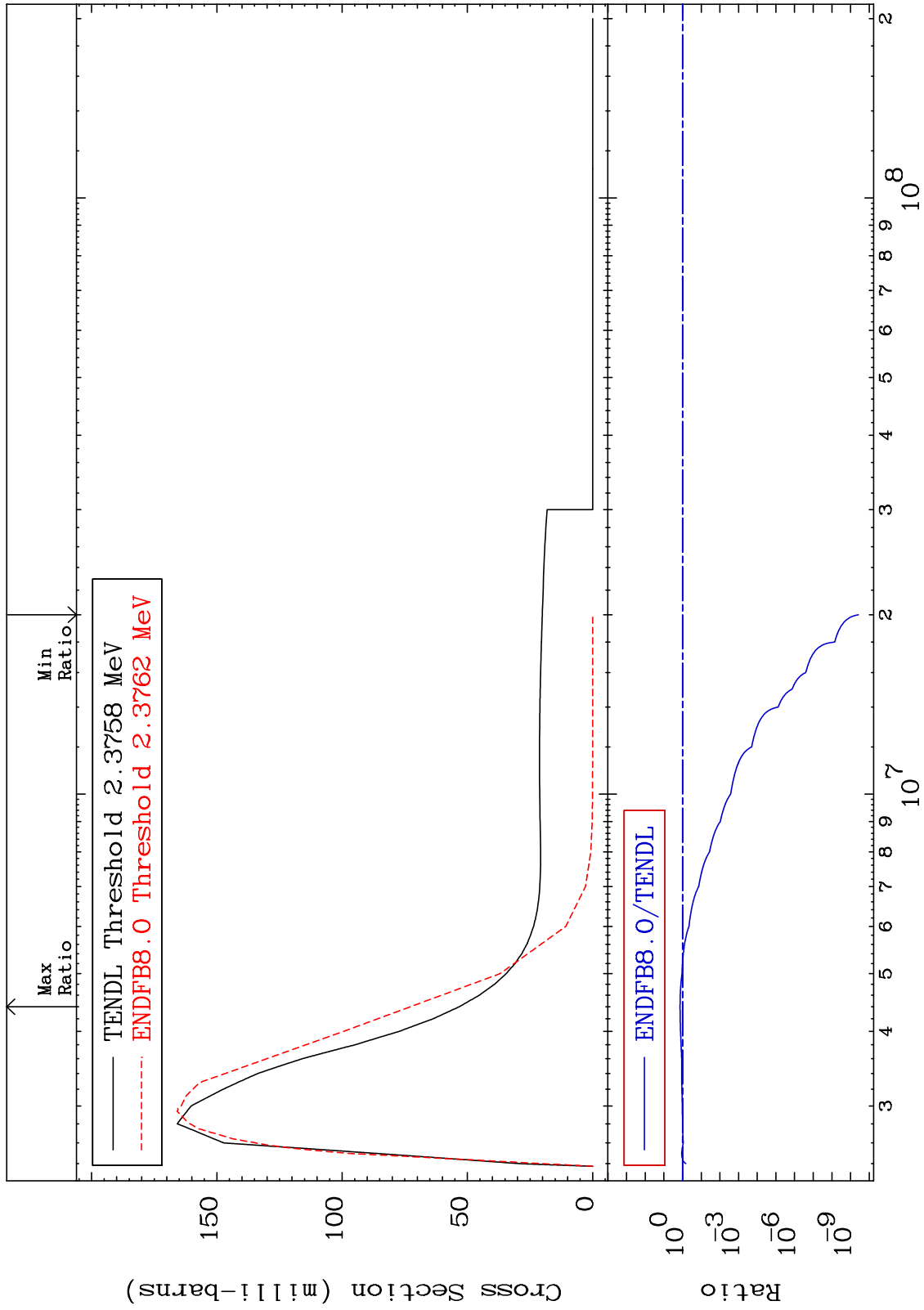
10

Incident Energy (eV)

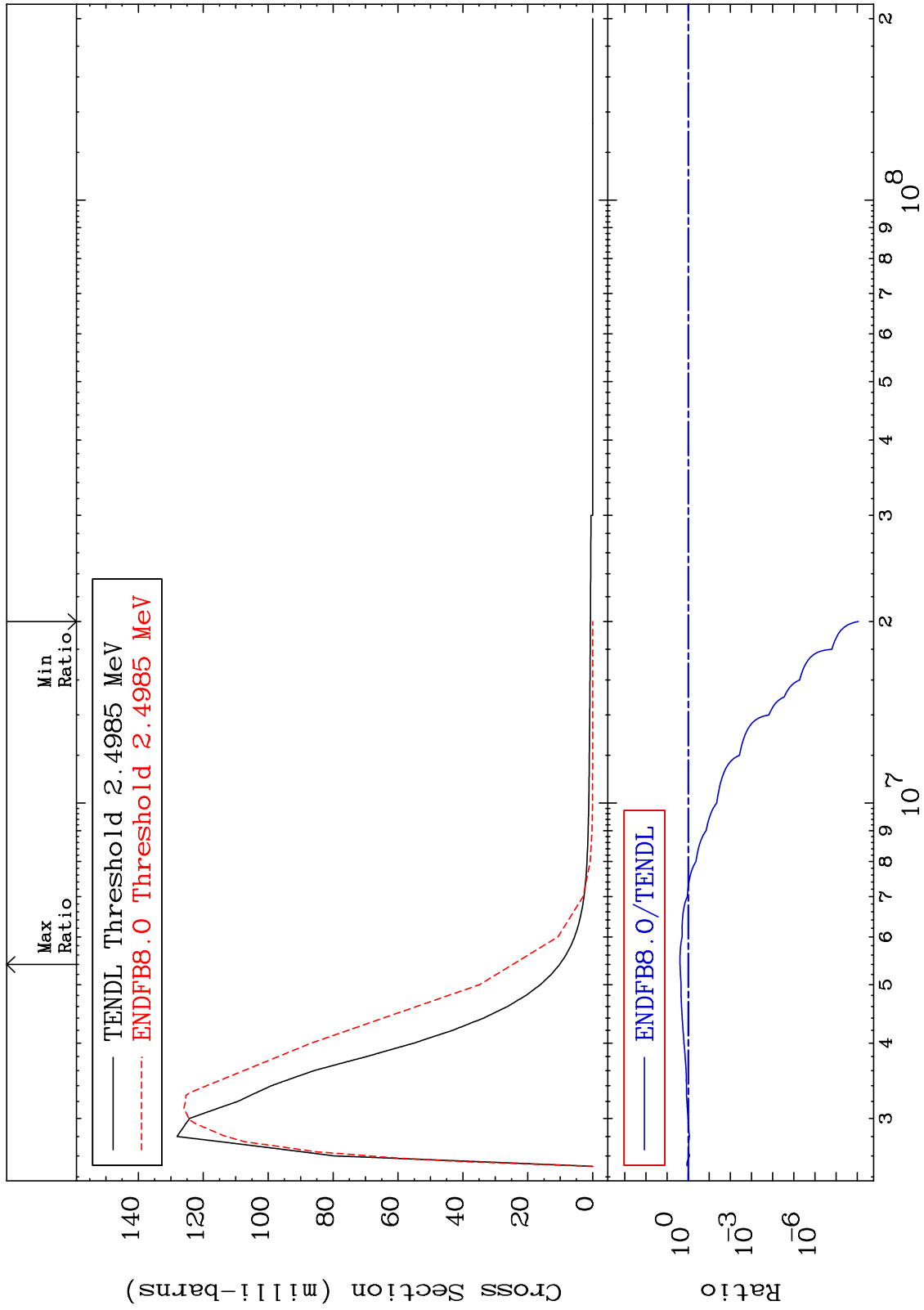
50-Sn-112



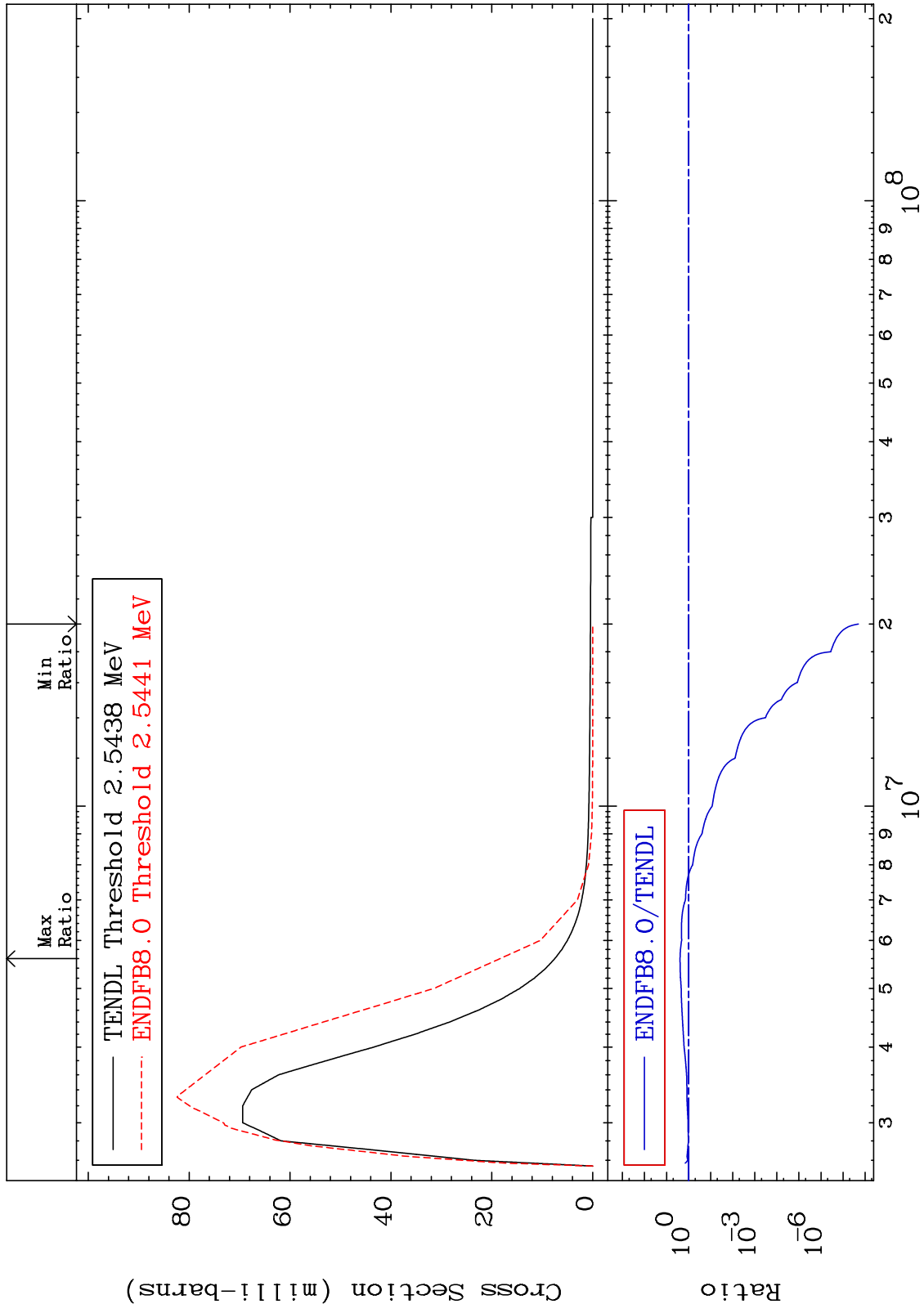
MAT 5025 MT= 55 (n,n') Level Cross Section 50-Sn-112
 -100.0 To 36.75 %



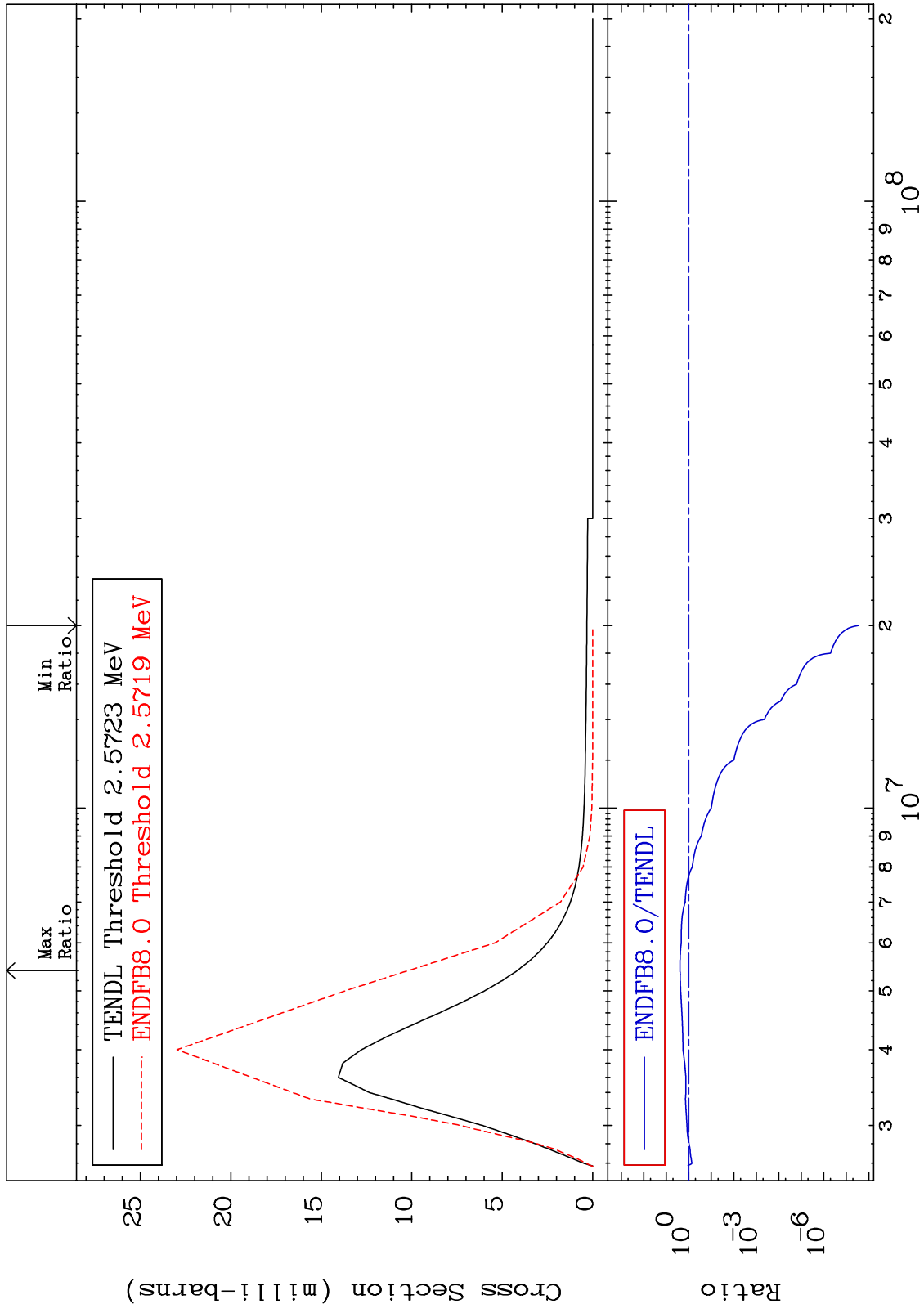
MAT 5025 MT= 56 (n,n') Level Cross Section 50-Sn-112
 -100.0 To 142.1 %



MAT 5025 MT= 57 (n,n') Level Cross Section 50-Sn-112
 -100.0 To 145.0 %



MAT 5025 MT= 58 (n,n') Level Cross Section 50-Sn-112
 -100.0 To 144.4 %

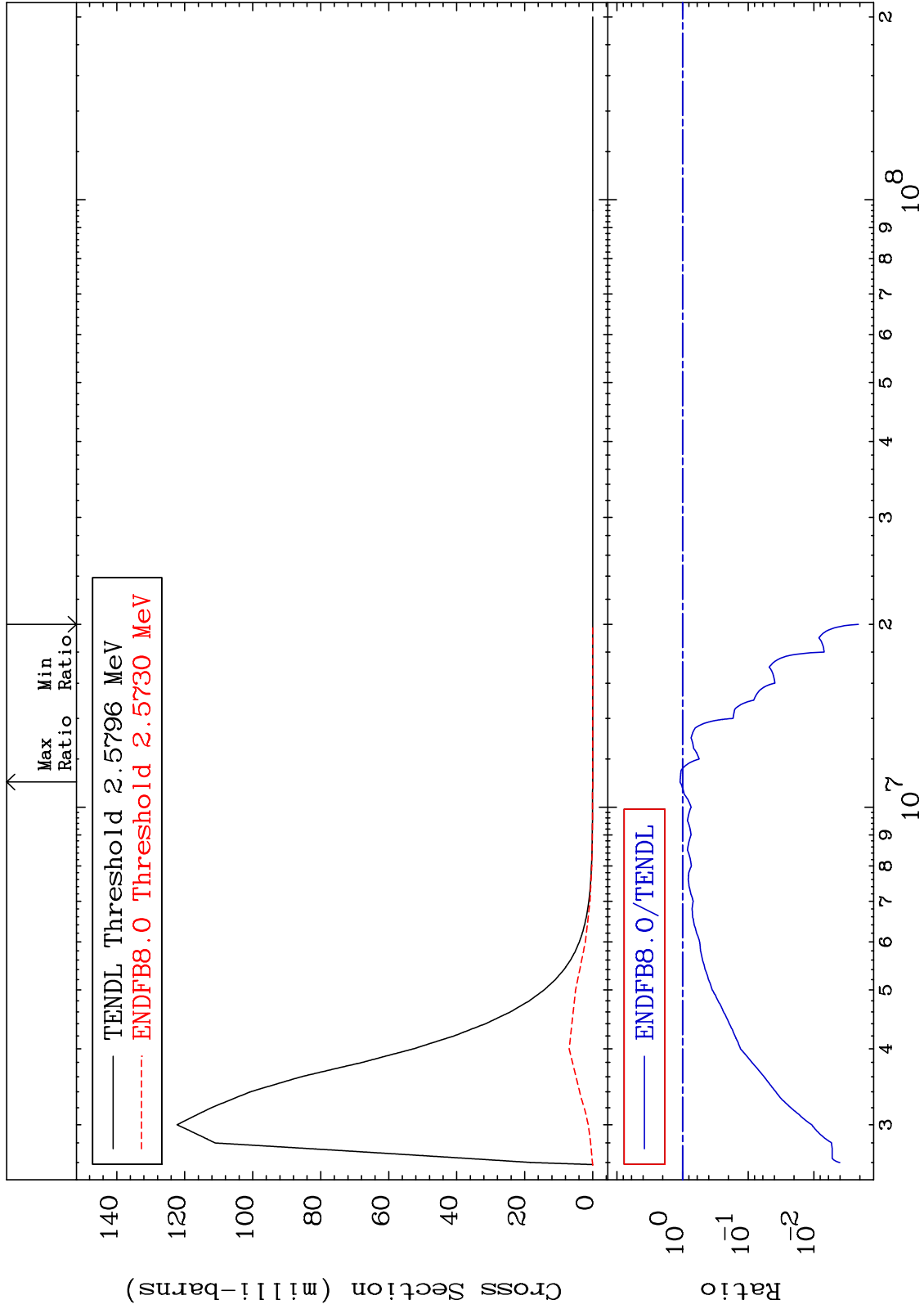


15 Incident Energy (eV) 50-Sn-112

MAT 5025

MT= 59 (n,n') Level
Cross Section

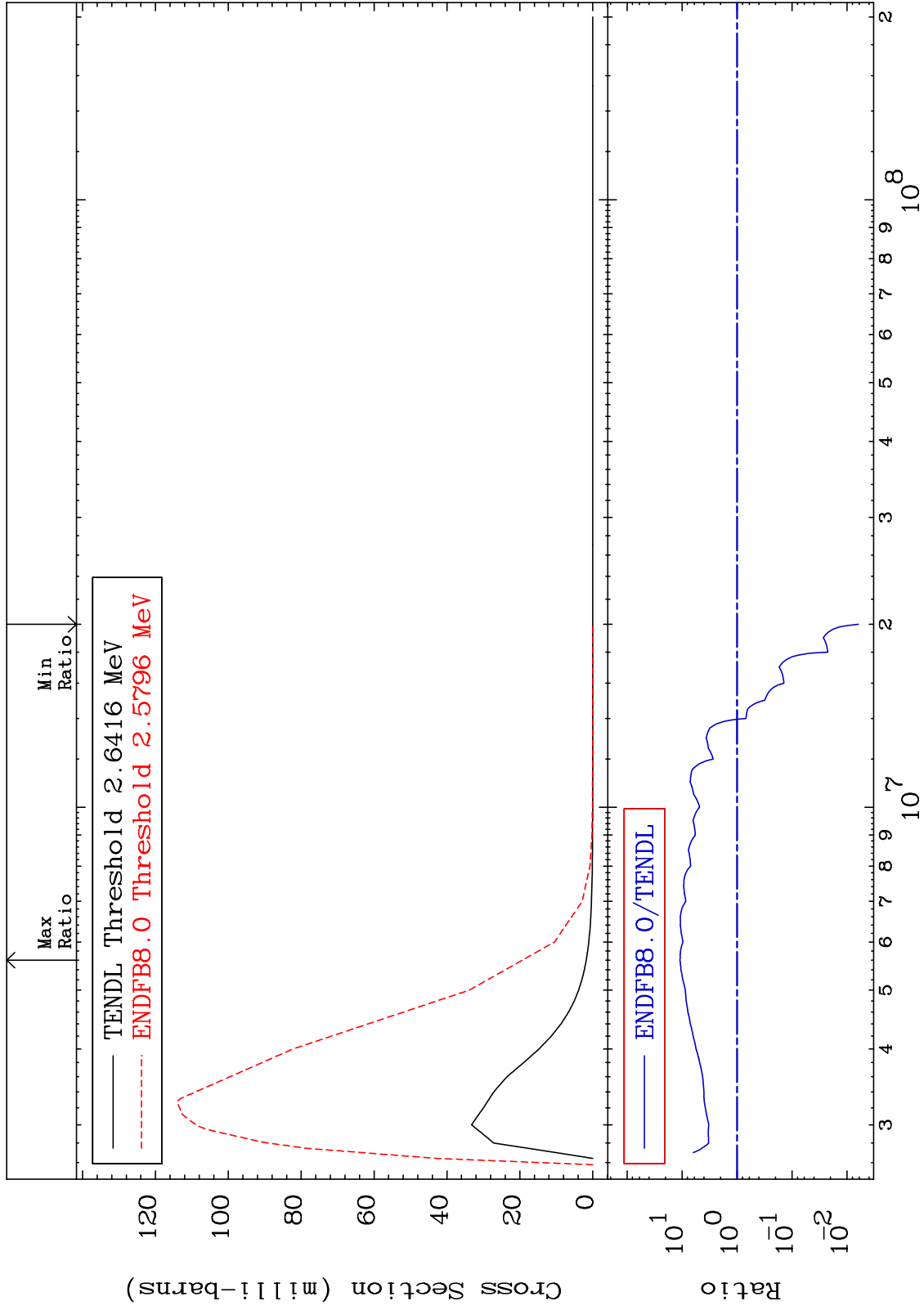
50-Sn-112
-99.79 To 9.214 %



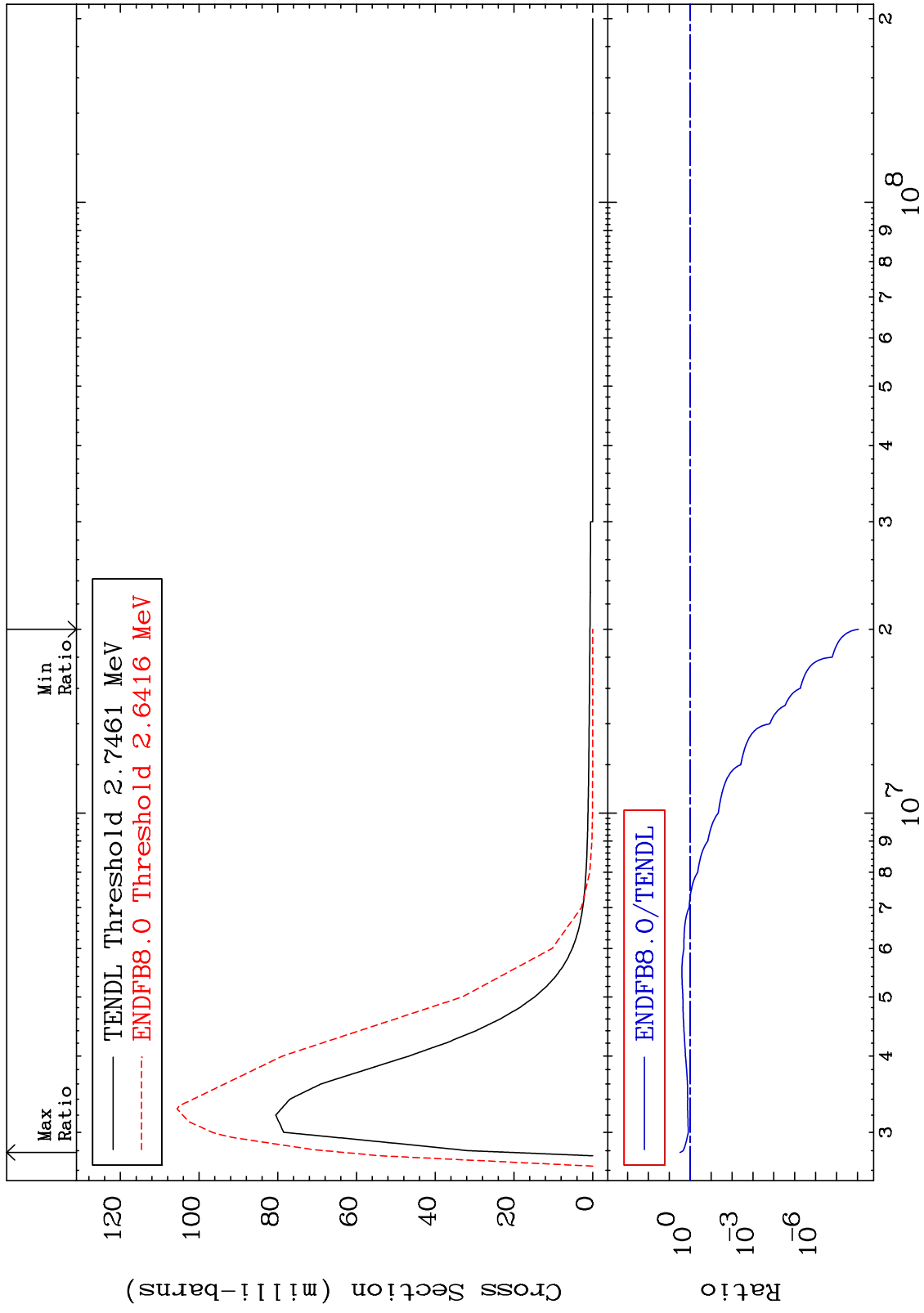
MAT 5025

MT= 60 (n,n') Level
Cross Section

50-Sn-112
-99.38 To 991.8 %



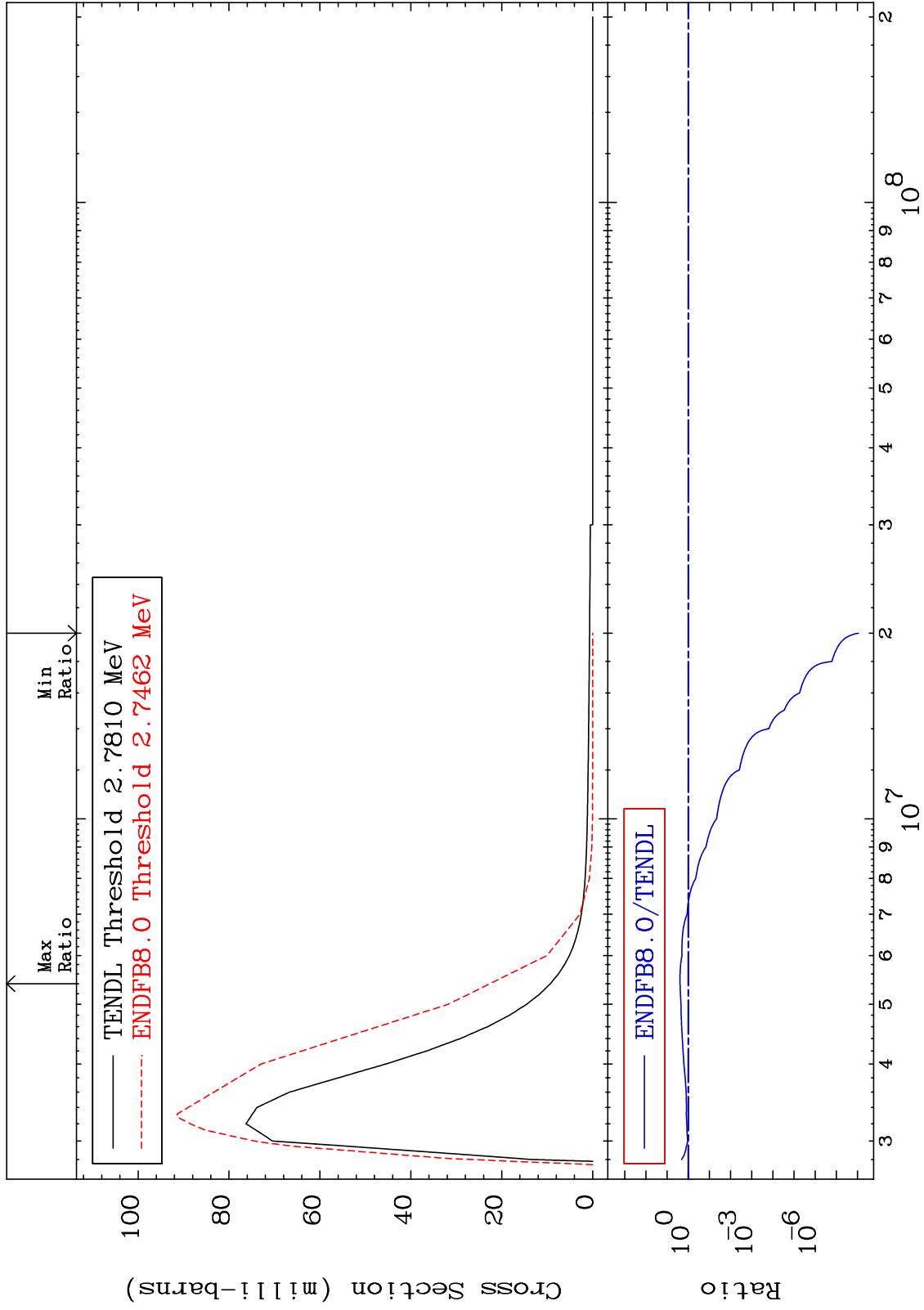
MAT 5025 MT= 61 (n,n') Level Cross Section 50-Sn-112
 -100.0 To 208.0 %



MAT 5025

MT= 62 (n,n') Level
Cross Section

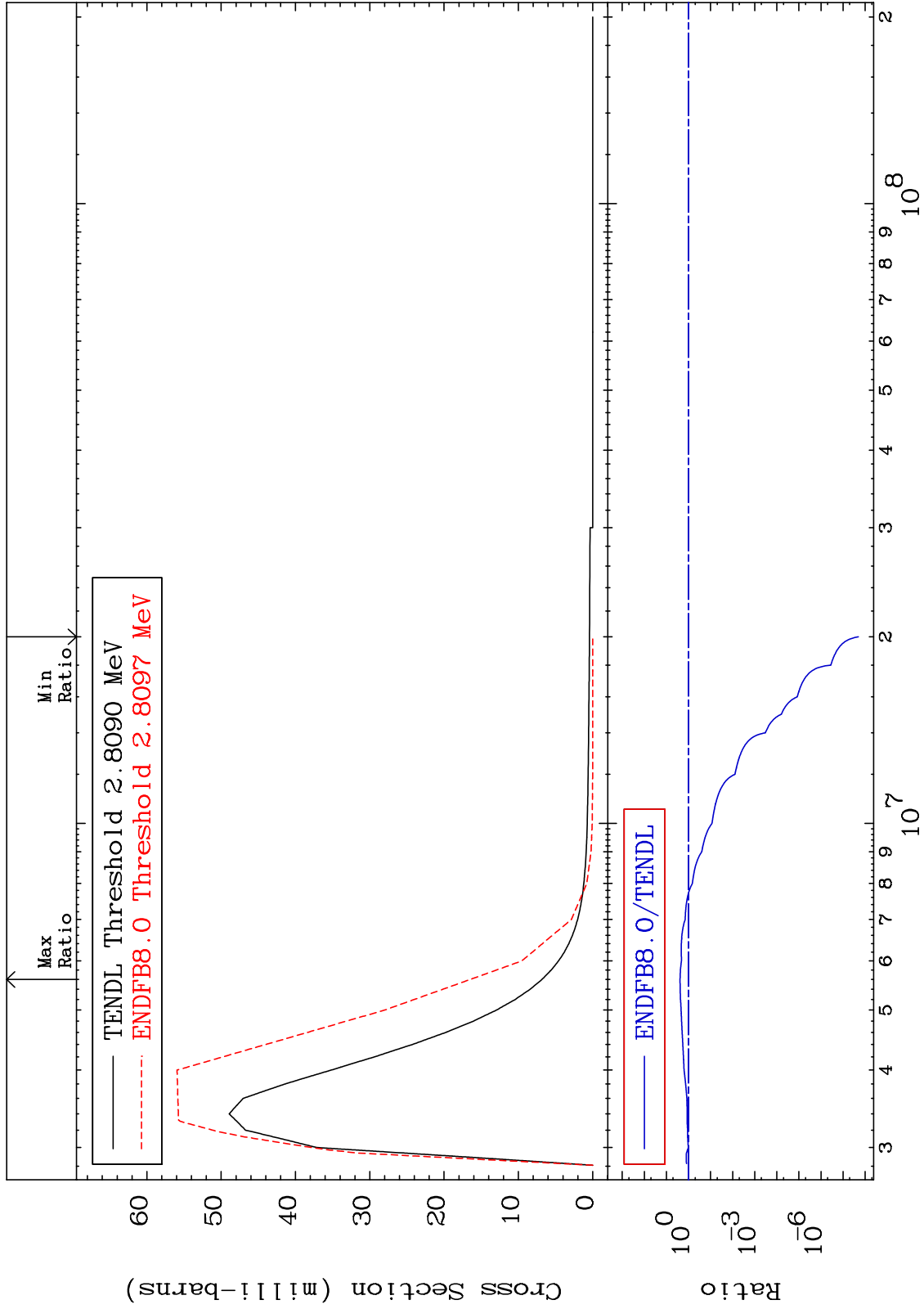
50-Sn-112
-100.0 To 143.1 %



MAT 5025

MT= 63 (n,n') Level
Cross Section

50-Sn-112
-100.0 To 141.7 %

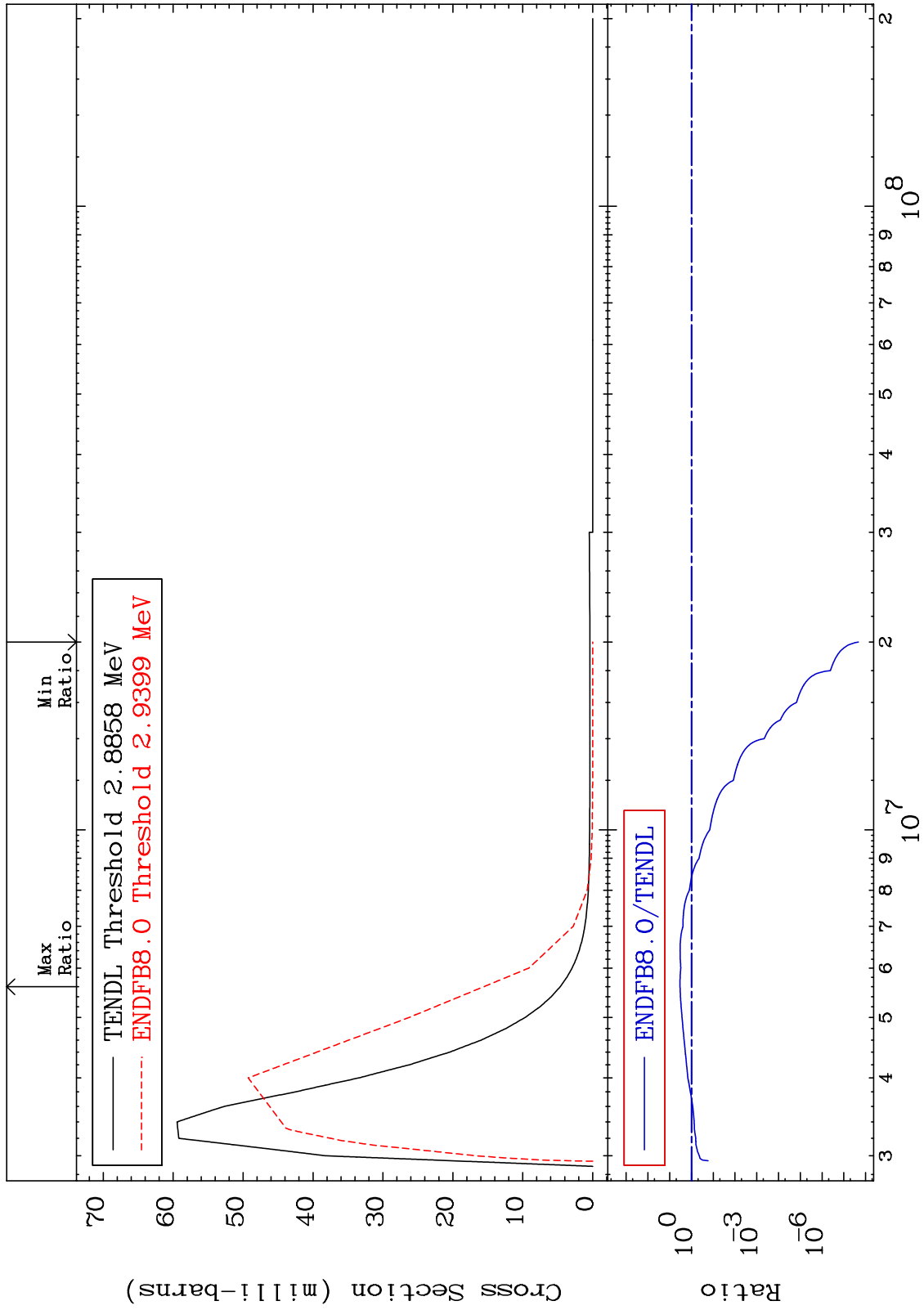


20

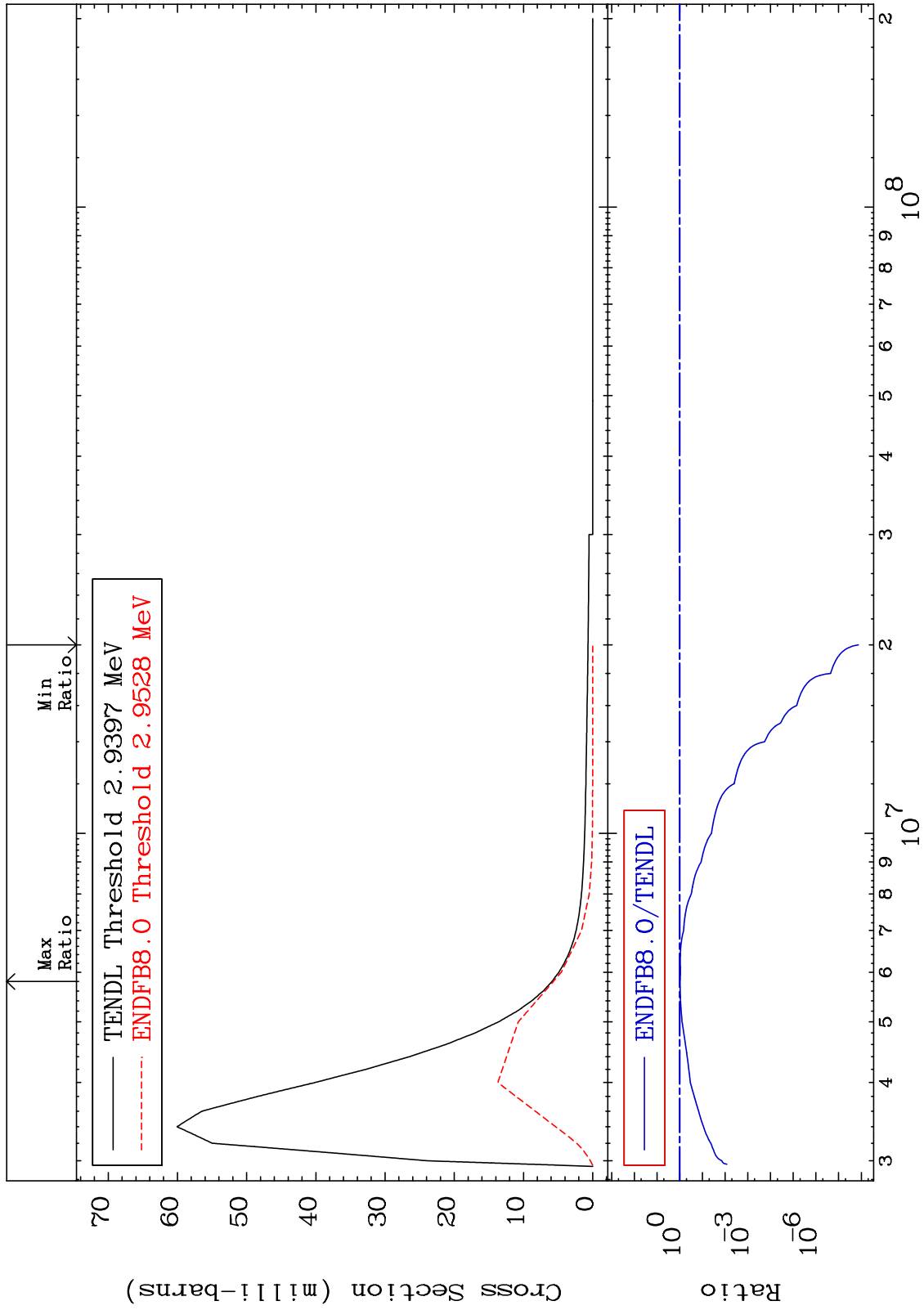
Incident Energy (eV)

50-Sn-112

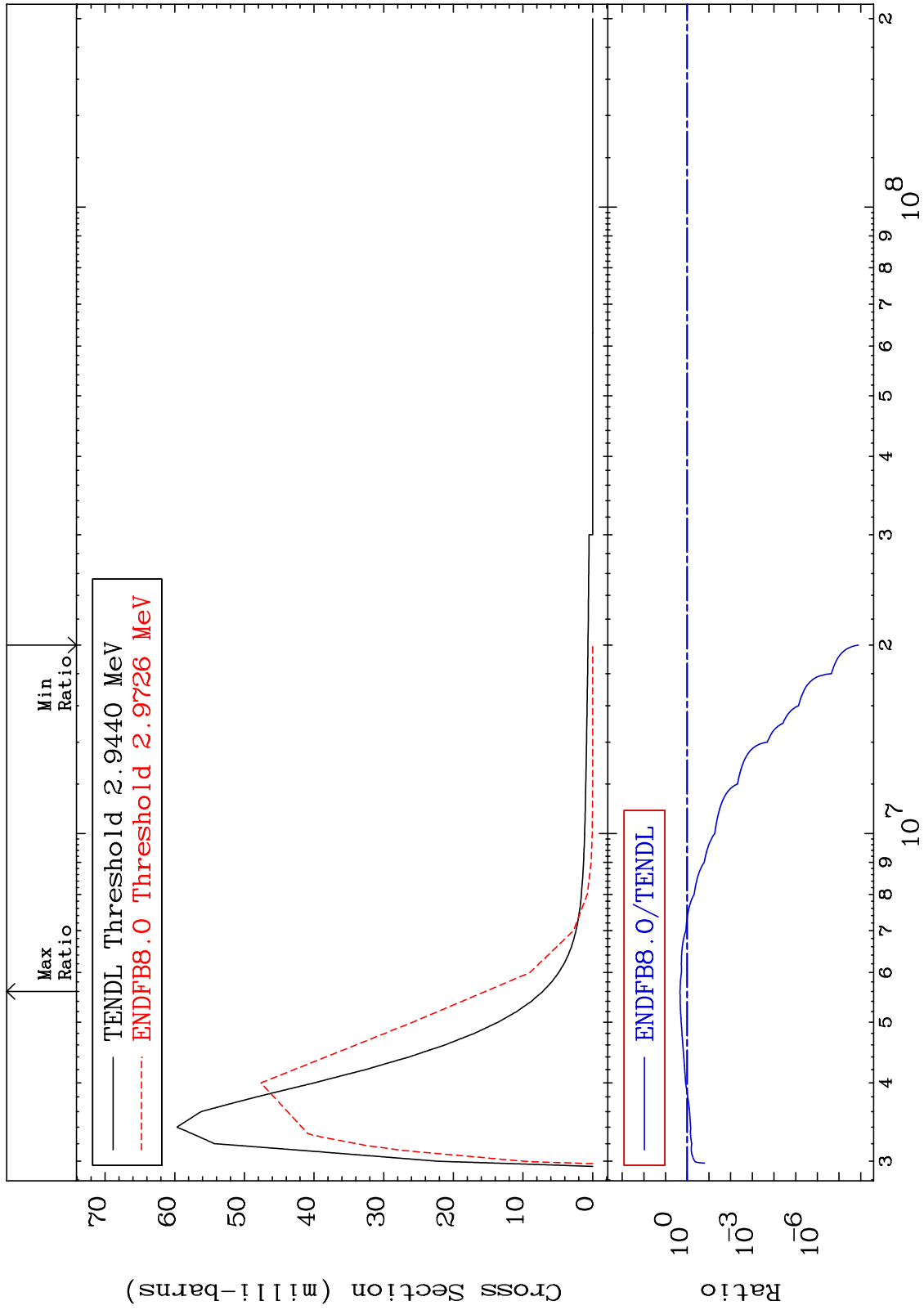
MAT 5025 MT= 64 (n,n') Level Cross Section 50-Sn-112
 -100.0 To 235.5 %



MAT 5025 MT= 65 (n,n') Level 50-Sn-112
 Cross Section -100.0 To -3.222%

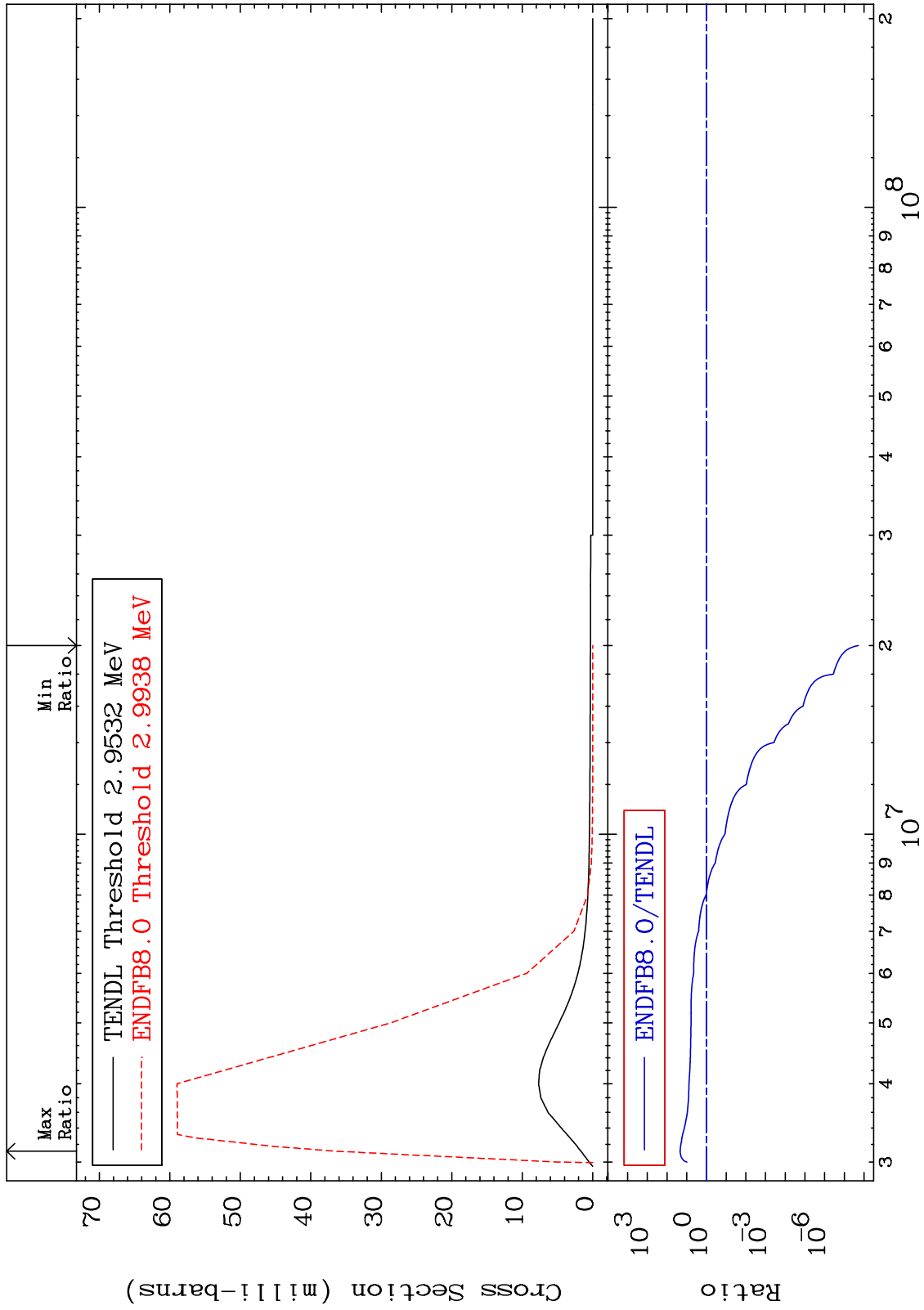


MAT 5025 MT= 66 (n,n') Level
 Cross Section 50-Sn-112
 -100.0 To 115.2 %



Incident Energy (eV) 50-Sn-112

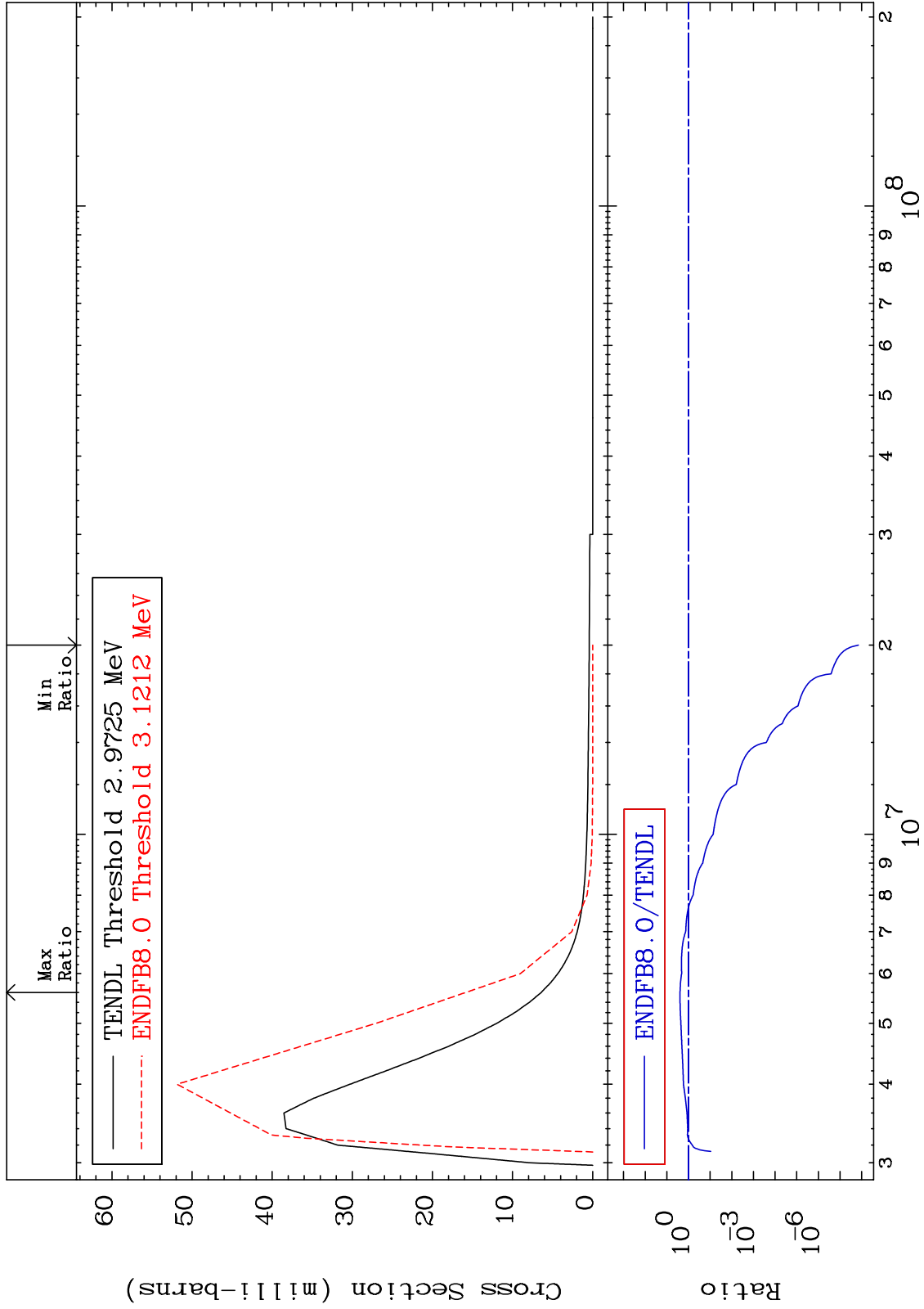
MAT 5025 MT= 67 (n,n') Level Cross Section 50-Sn-112 -100.0 To 2086. %



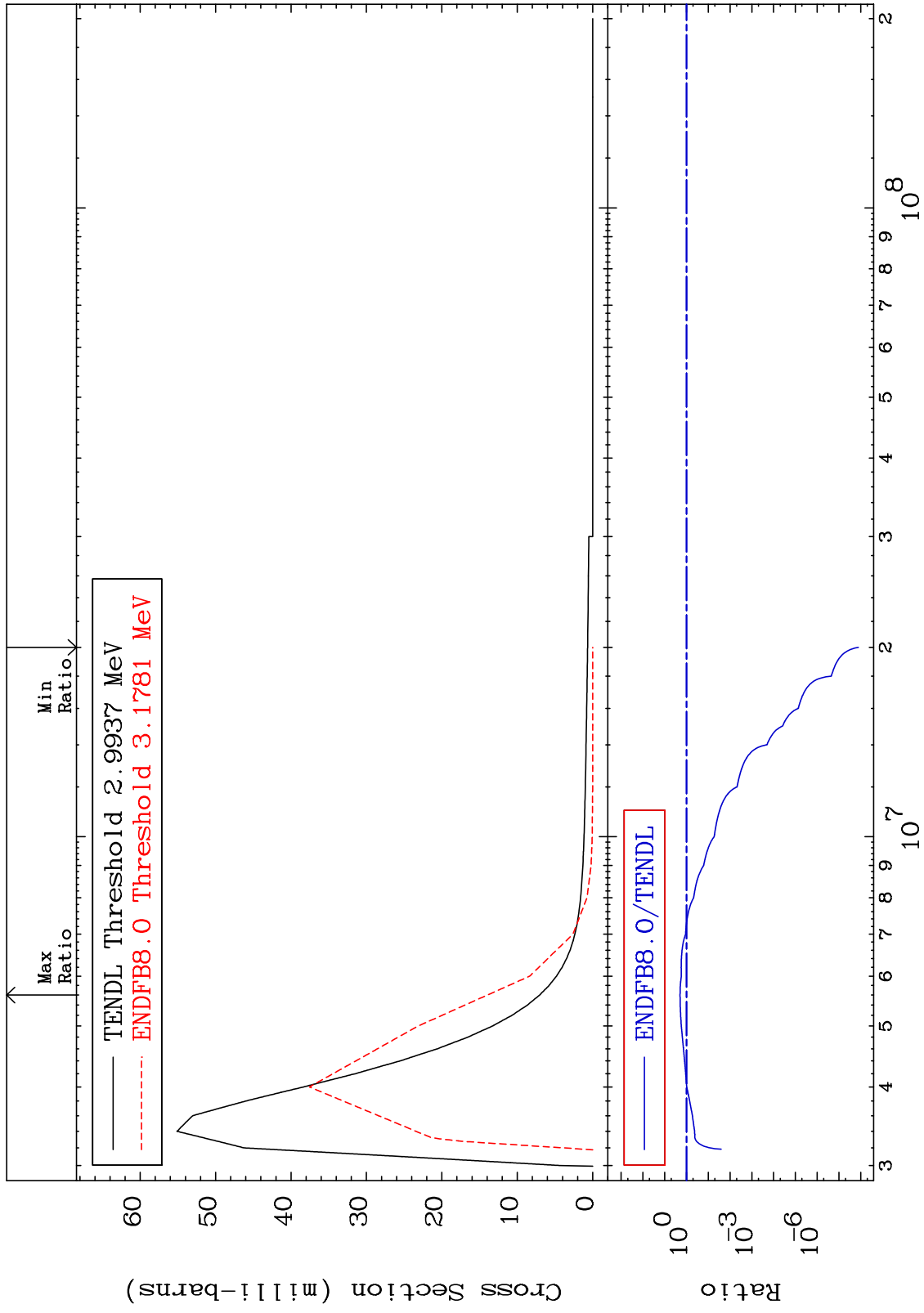
MAT 5025

MT= 68 (n,n') Level
Cross Section

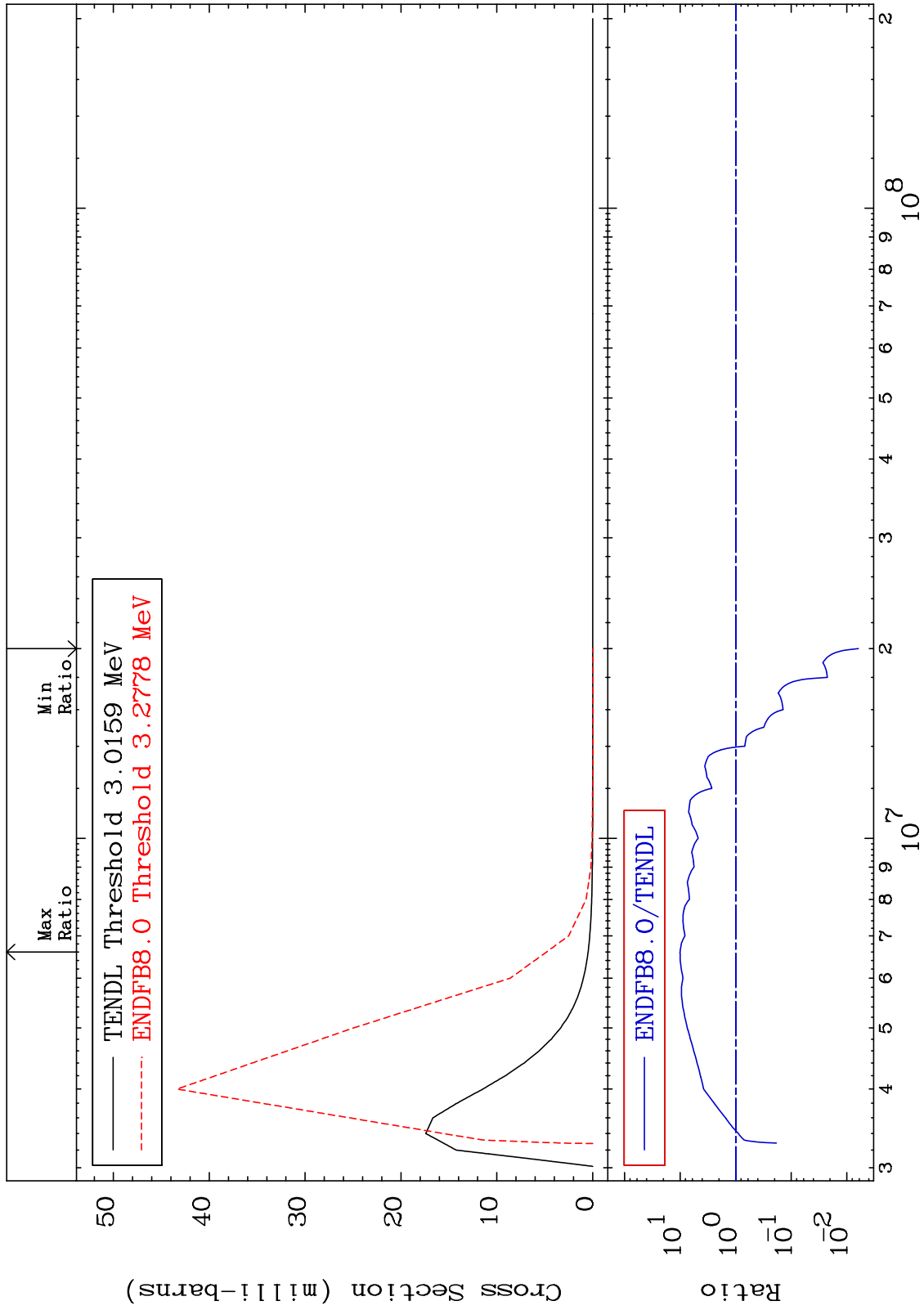
50-Sn-112
-100.0 To 146.3 %



MAT 5025 MT= 69 (n,n') Level 50-Sn-112
 Cross Section -100.0 To 98.51 %

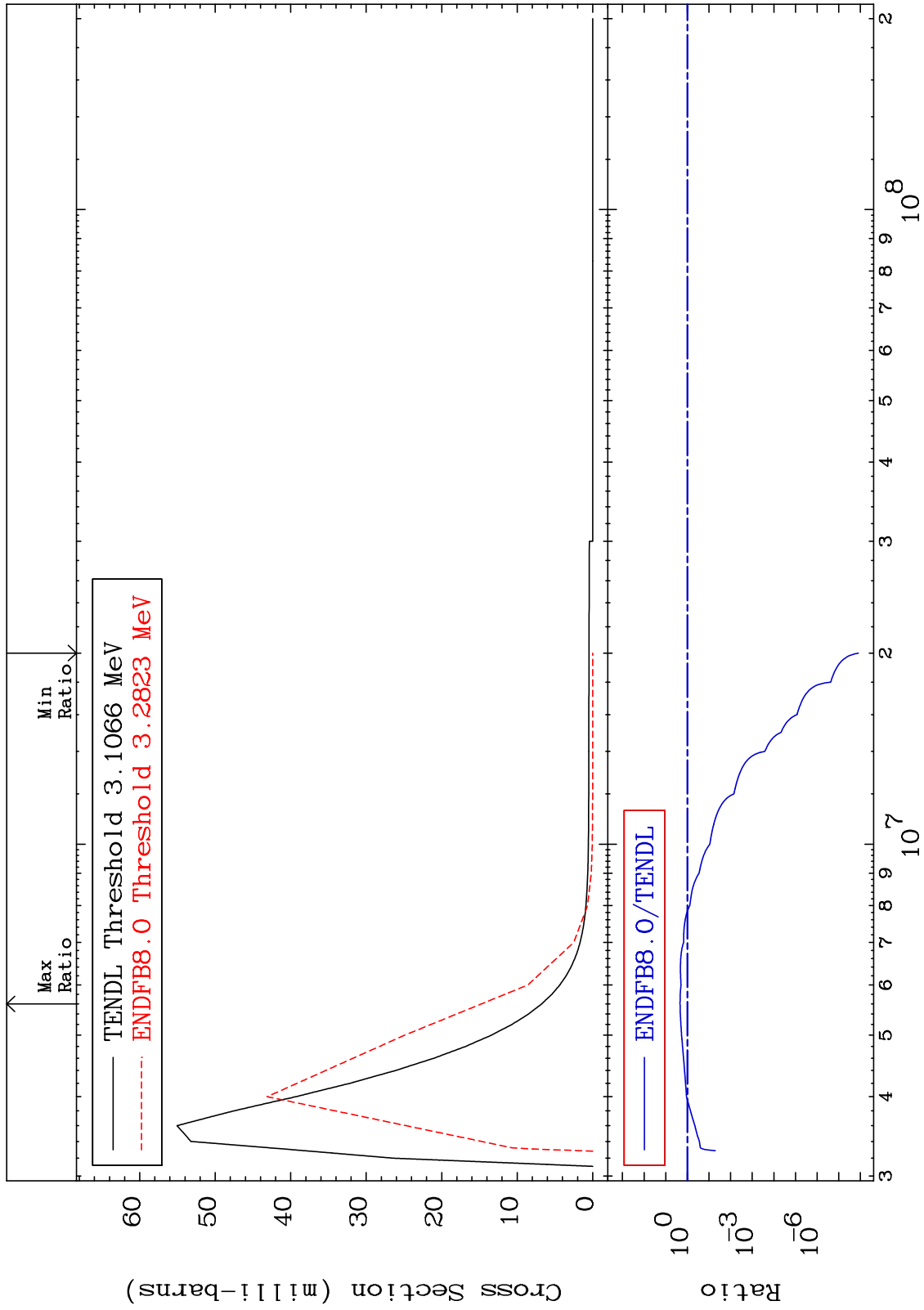


MAT 5025 MT= 70 (n,n') Level
 Cross Section 50-Sn-112
 -99.38 To 904.5 %

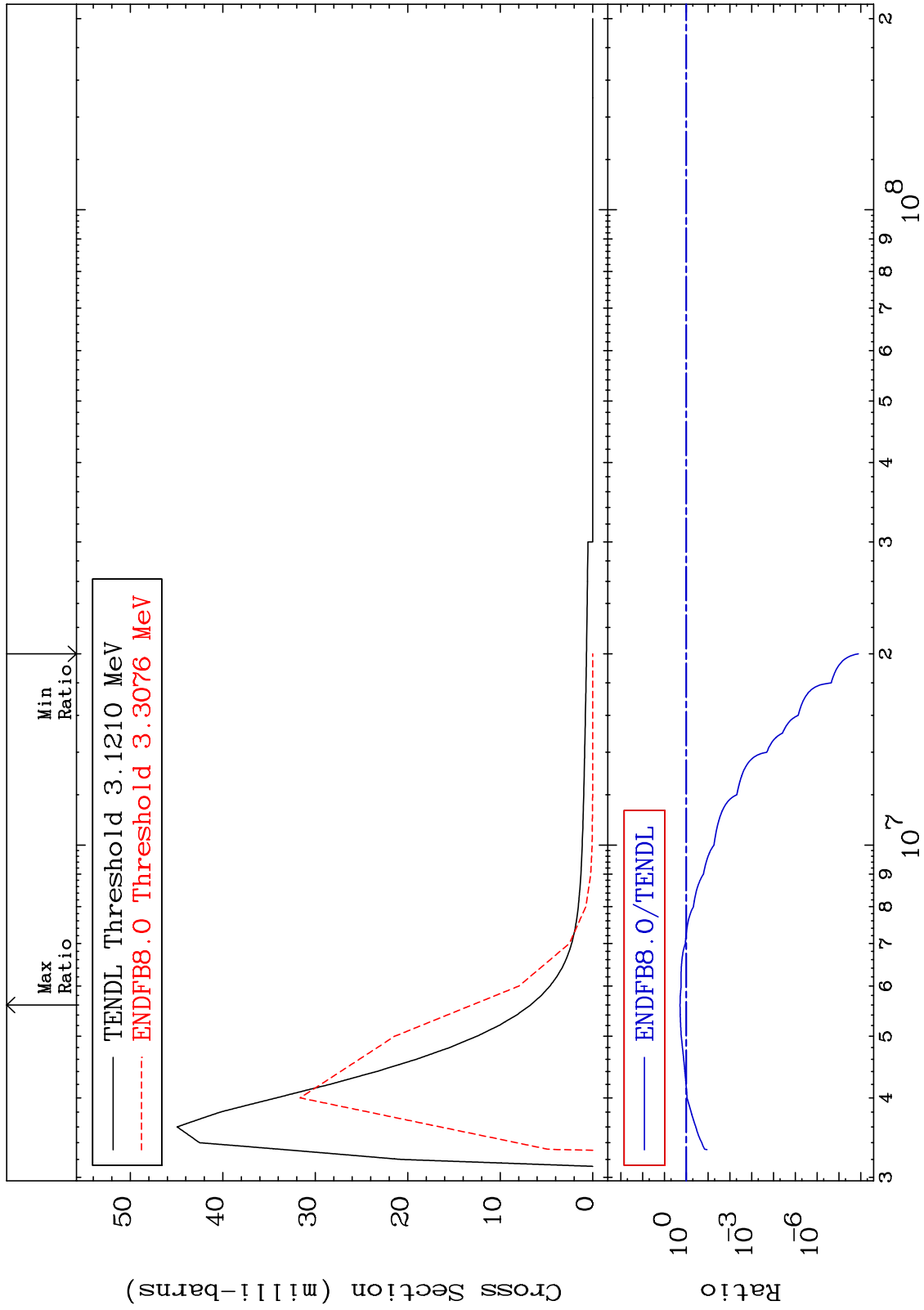


Incident Energy (eV) 50-Sn-112

MAT 5025 MT= 71 (n,n') Level Cross Section 50-Sn-112
 -100.0 To 118.3 %

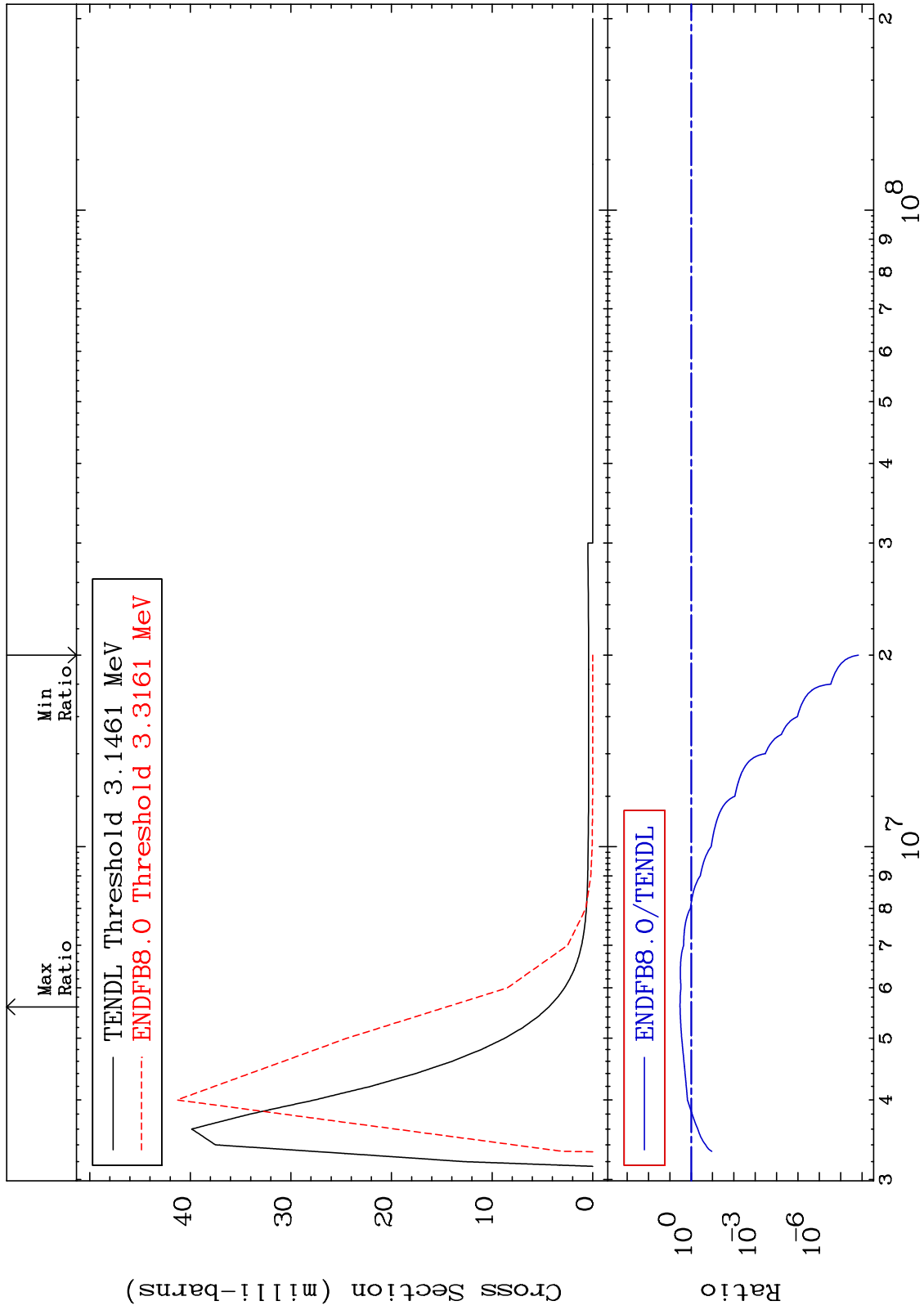


MAT 5025 MT= 72 (n,n') Level Cross Section 50-Sn-112
 -100.0 To 94.16 %



Incident Energy (eV) 50-Sn-112

MAT 5025 MT= 73 (n,n') Level
Cross Section 50-Sn-112
-100.0 To 233.6 %

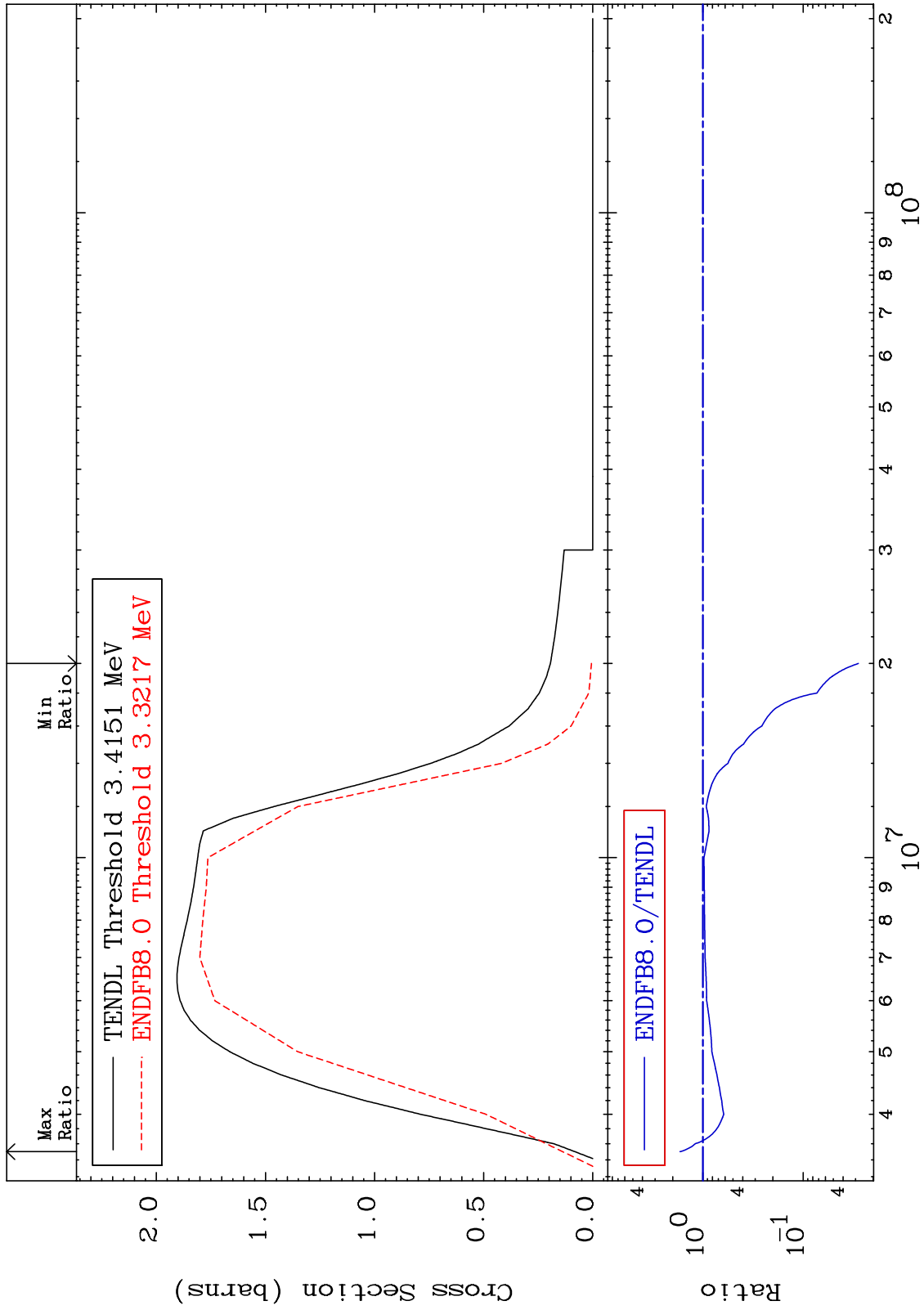


Incident Energy (eV) 50-Sn-112

MAT 5025

(n, n') Continuum
Cross Section

50-Sn-112
-97.19 To 68.88 %



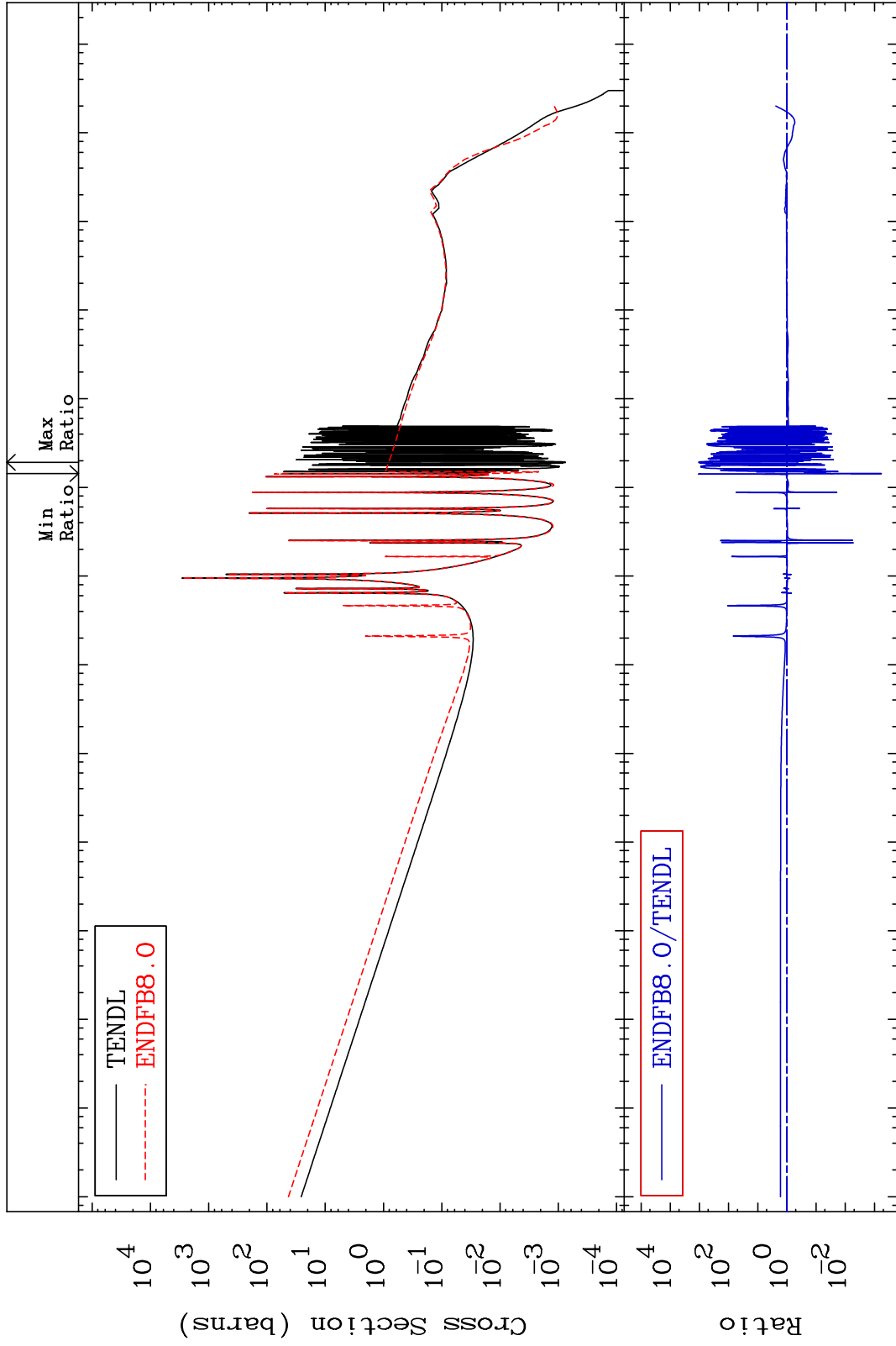
MAT 5025

(n, γ)

50-Sn-112

Cross Section

-99.94 To 9999. %



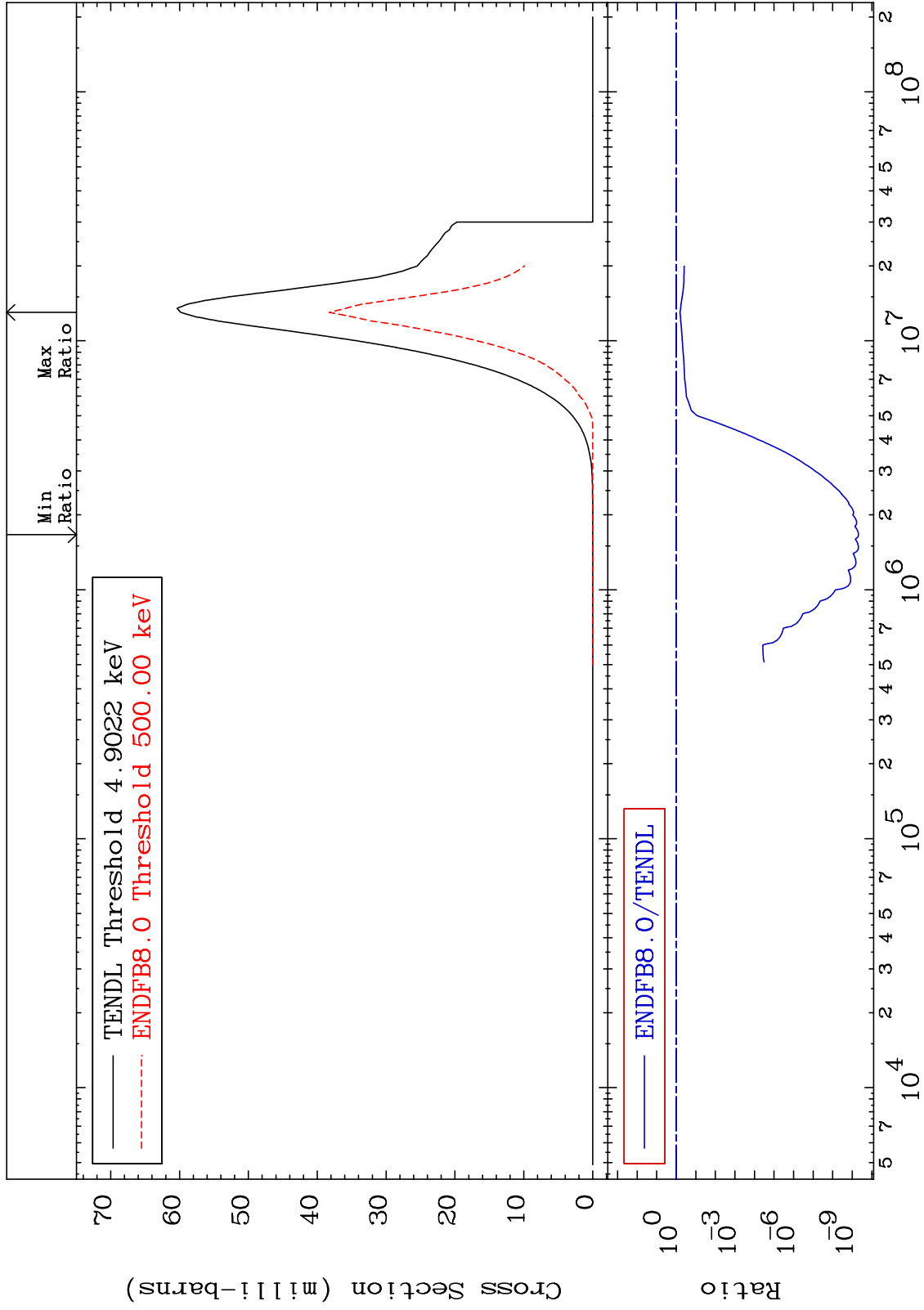
MAT 5025

(n, p)

50-Sn-112

Cross Section

-100.0 To -36.05%



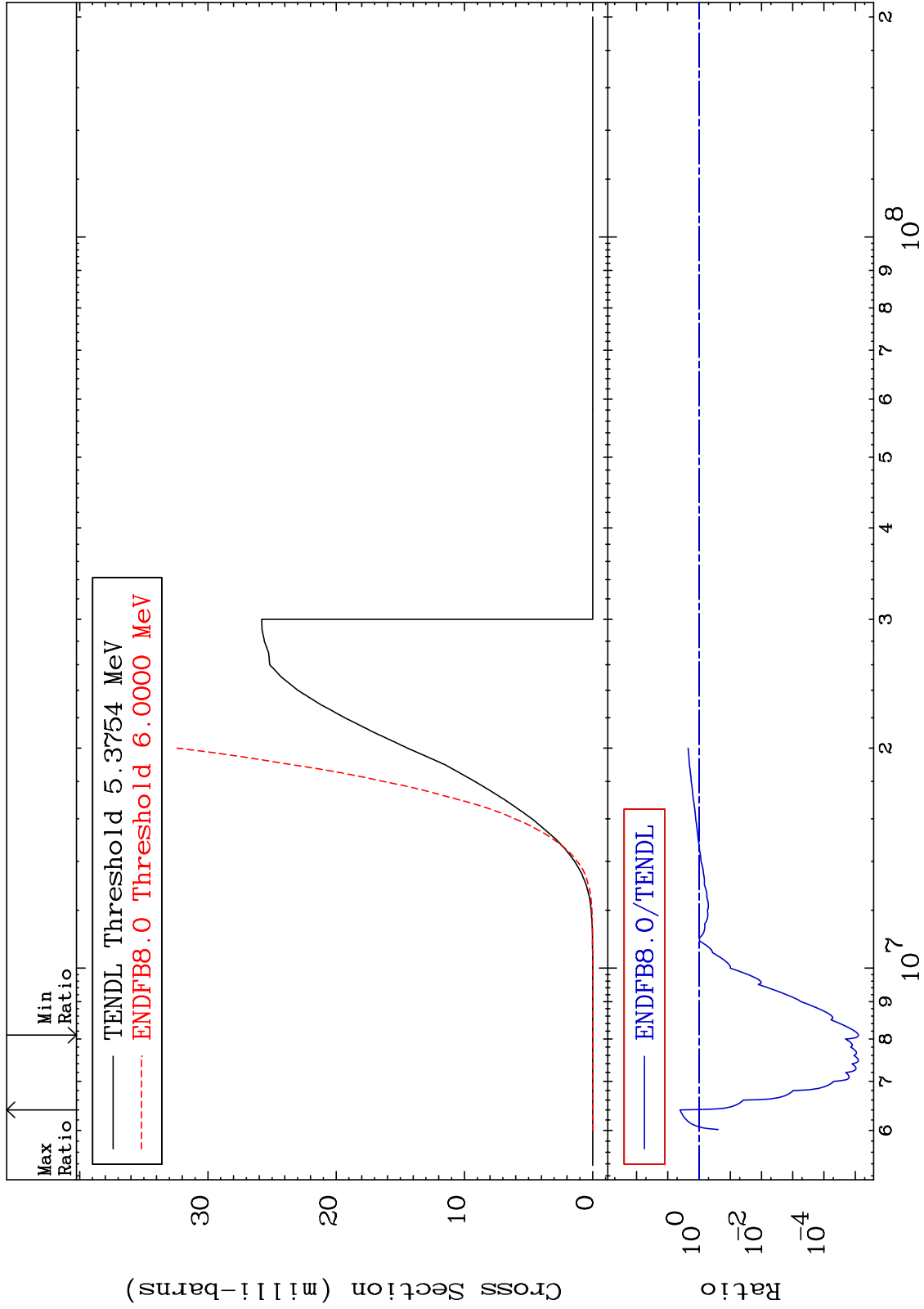
MAT 5025

(n, d)

50-Sn-112

Cross Section

-100.0 To 306.7 %



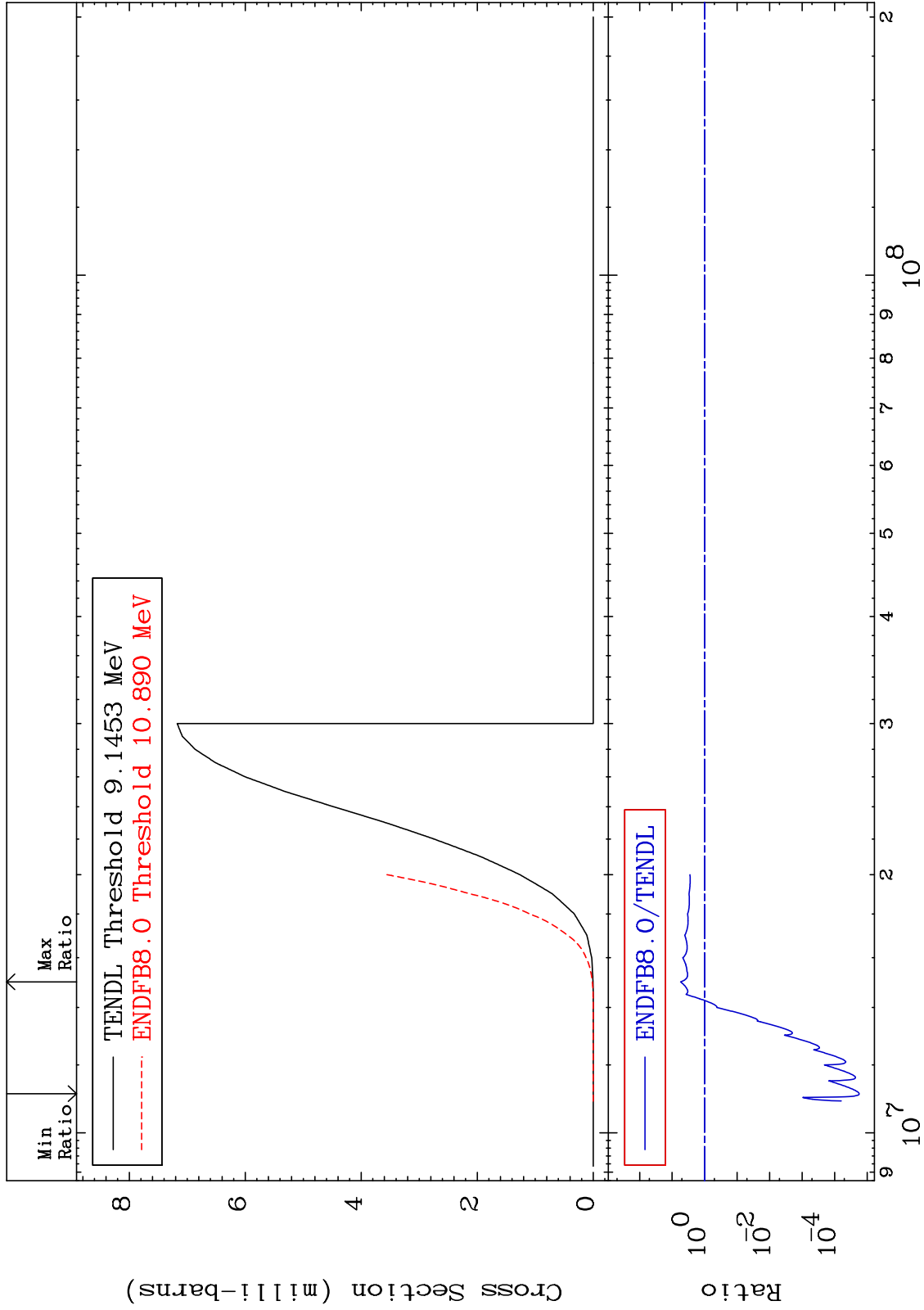
MAT 5025

(n, t)

50-Sn-112

Cross Section

-100.0 To 447.9 %



35

Incident Energy (eV)

50-Sn-112

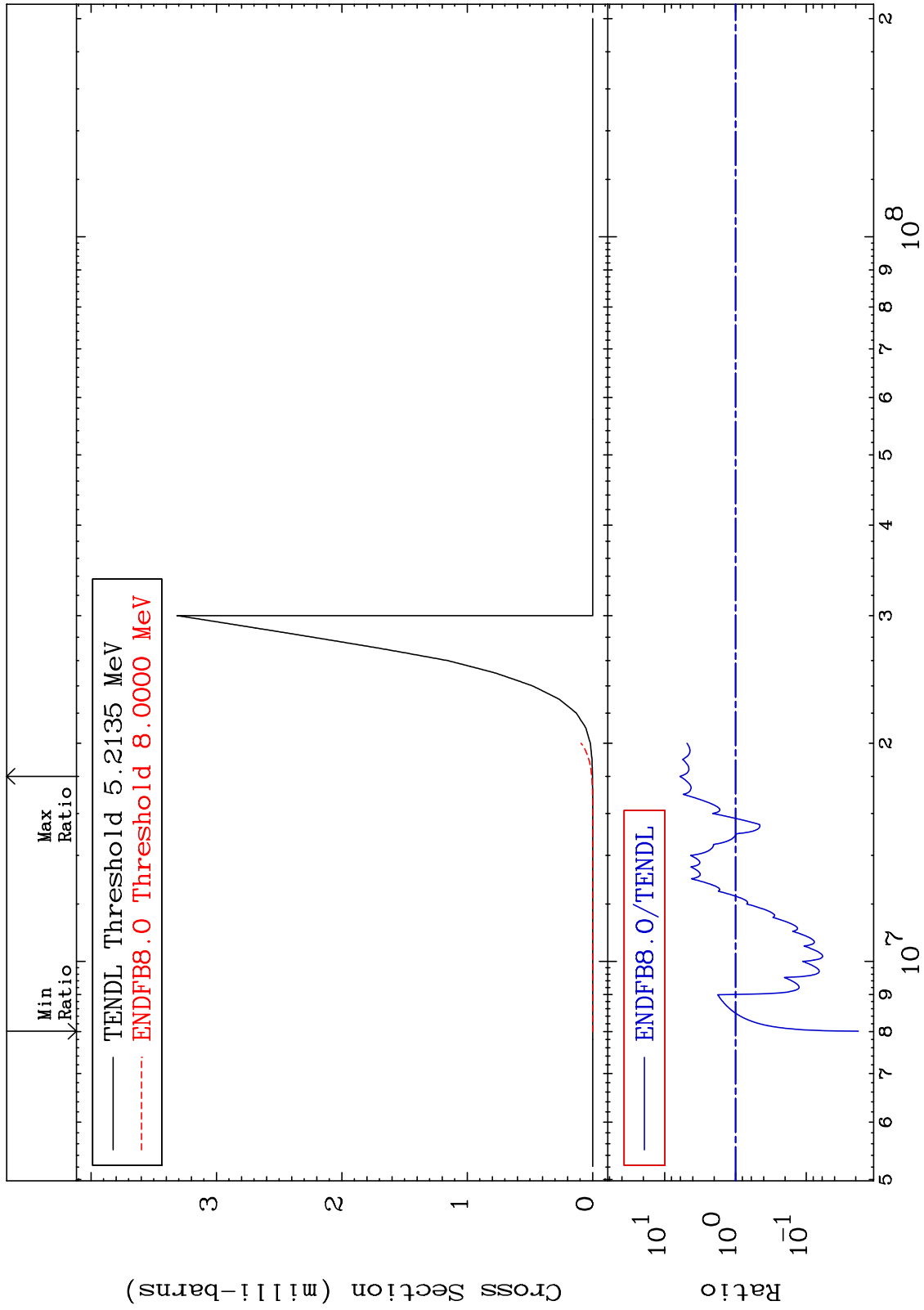
MAT 5025

(n, He-3)

50-Sn-112

Cross Section

-98.16 To 507.3 %



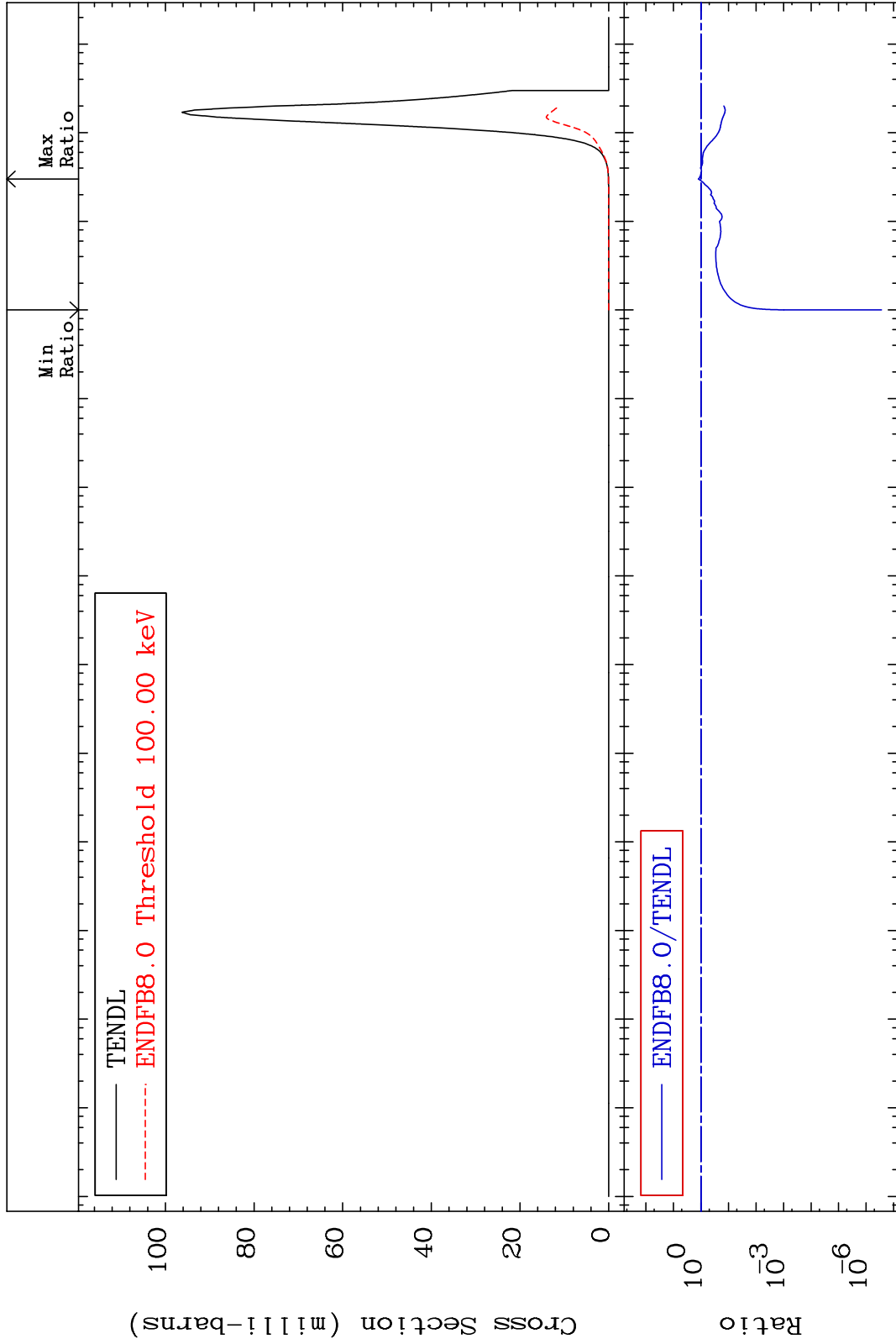
MAT 5025

(n, α)

50-Sn-112

Cross Section

-100.0 To 24.81 %



37

Incident Energy (eV)

50-Sn-112

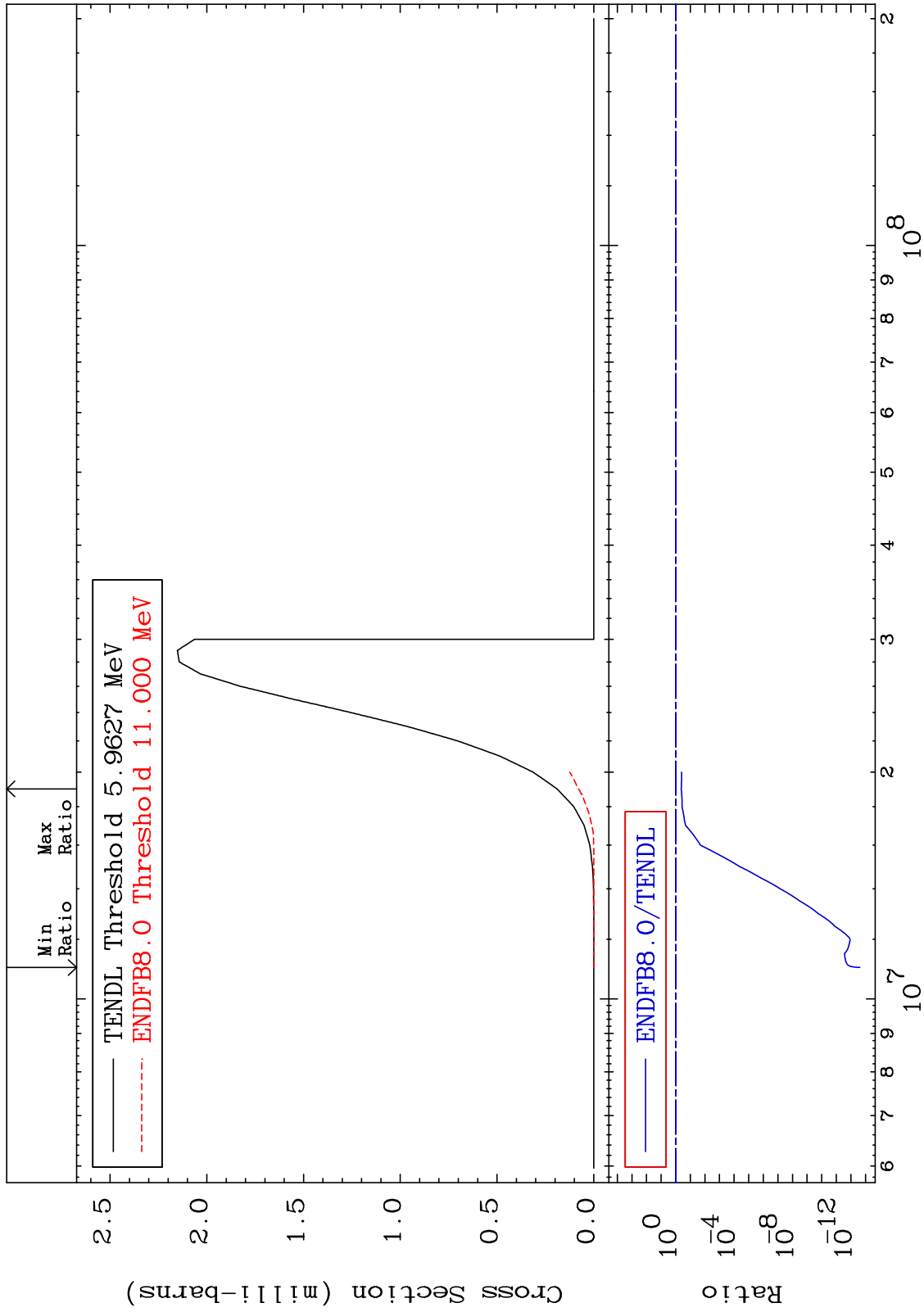
MAT 5025

(n,2p)

50-Sn-112

Cross Section

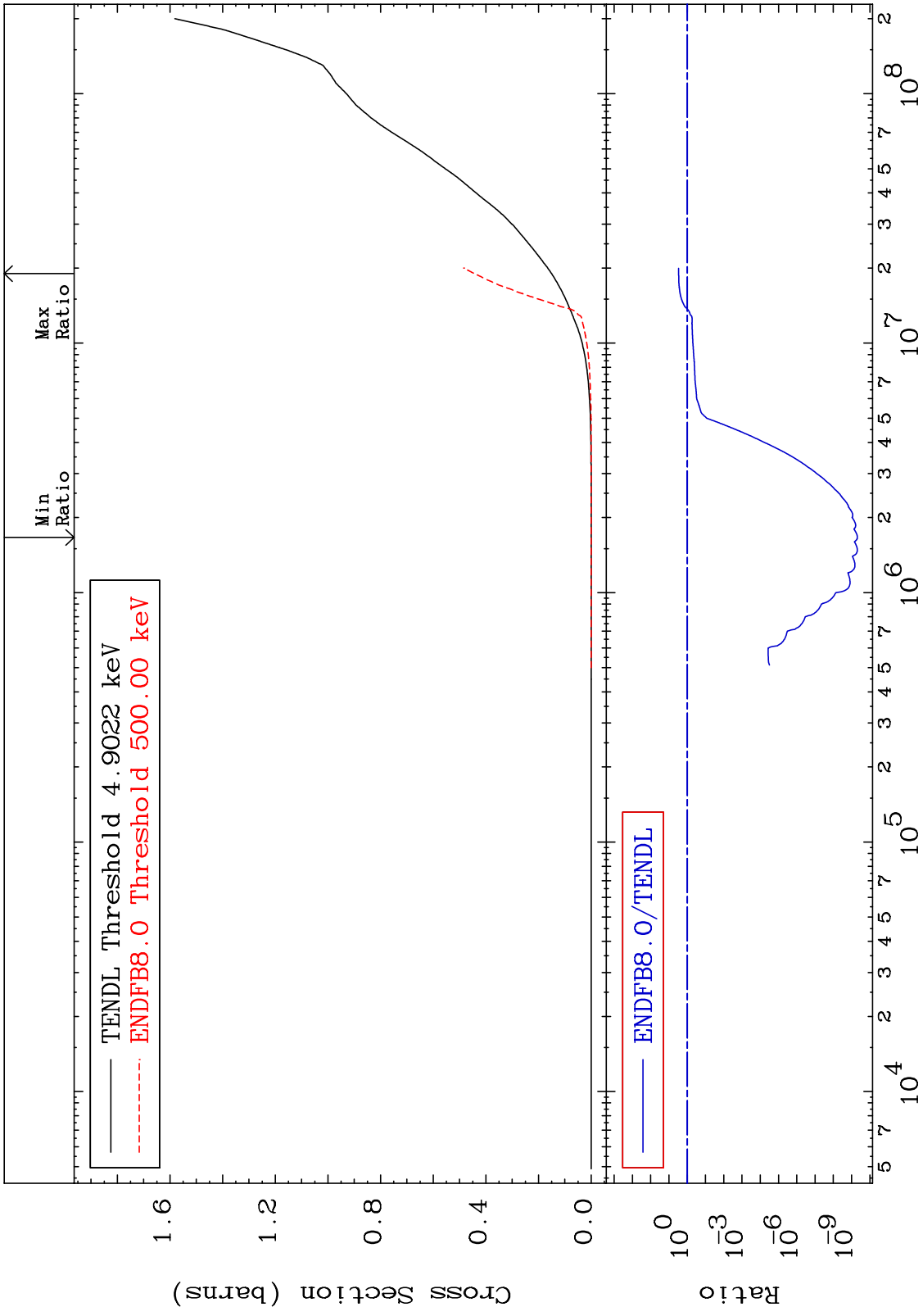
-100.0 To -58.17%



MAT 5025

Hydrogen Production
Cross Section

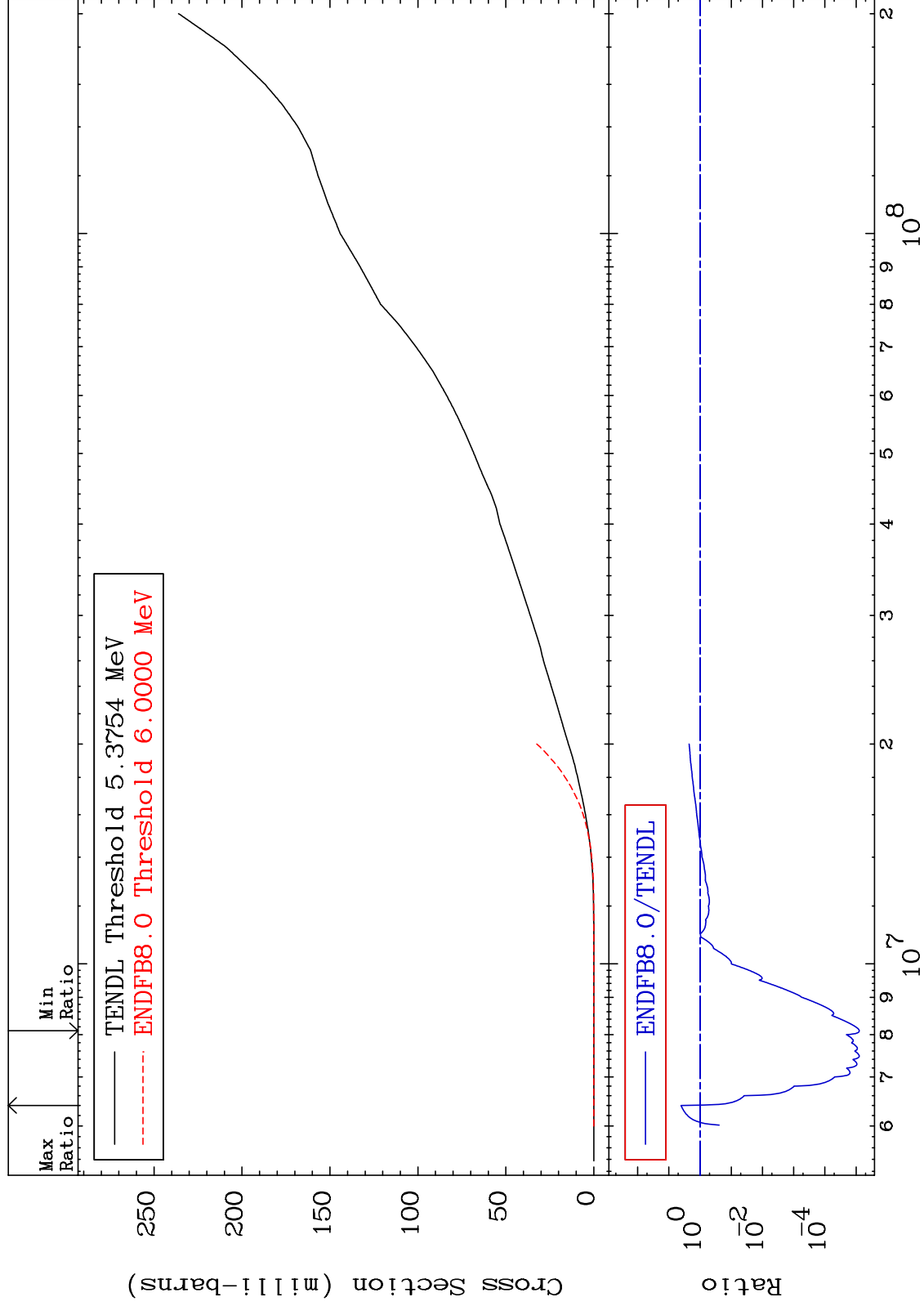
50-Sn-112
-100.0 To 195.1 %



MAT 5025

Deuterium Production
Cross Section

50-Sn-112
-100.0 To 306.7 %



40

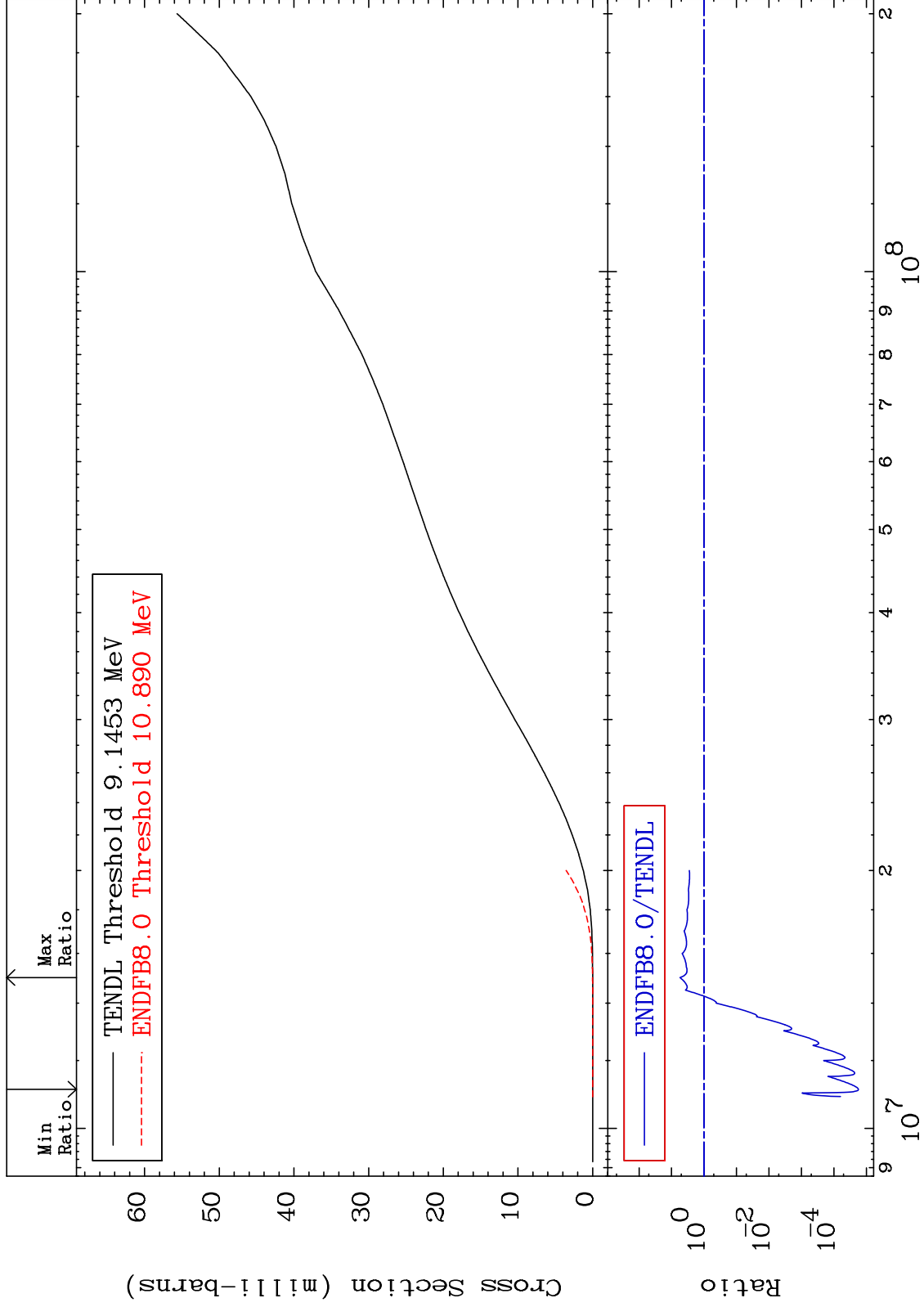
Incident Energy (eV)

50-Sn-112

MAT 5025

Tritium Production
Cross Section

50-Sn-112
-100.0 To 447.9 %



41

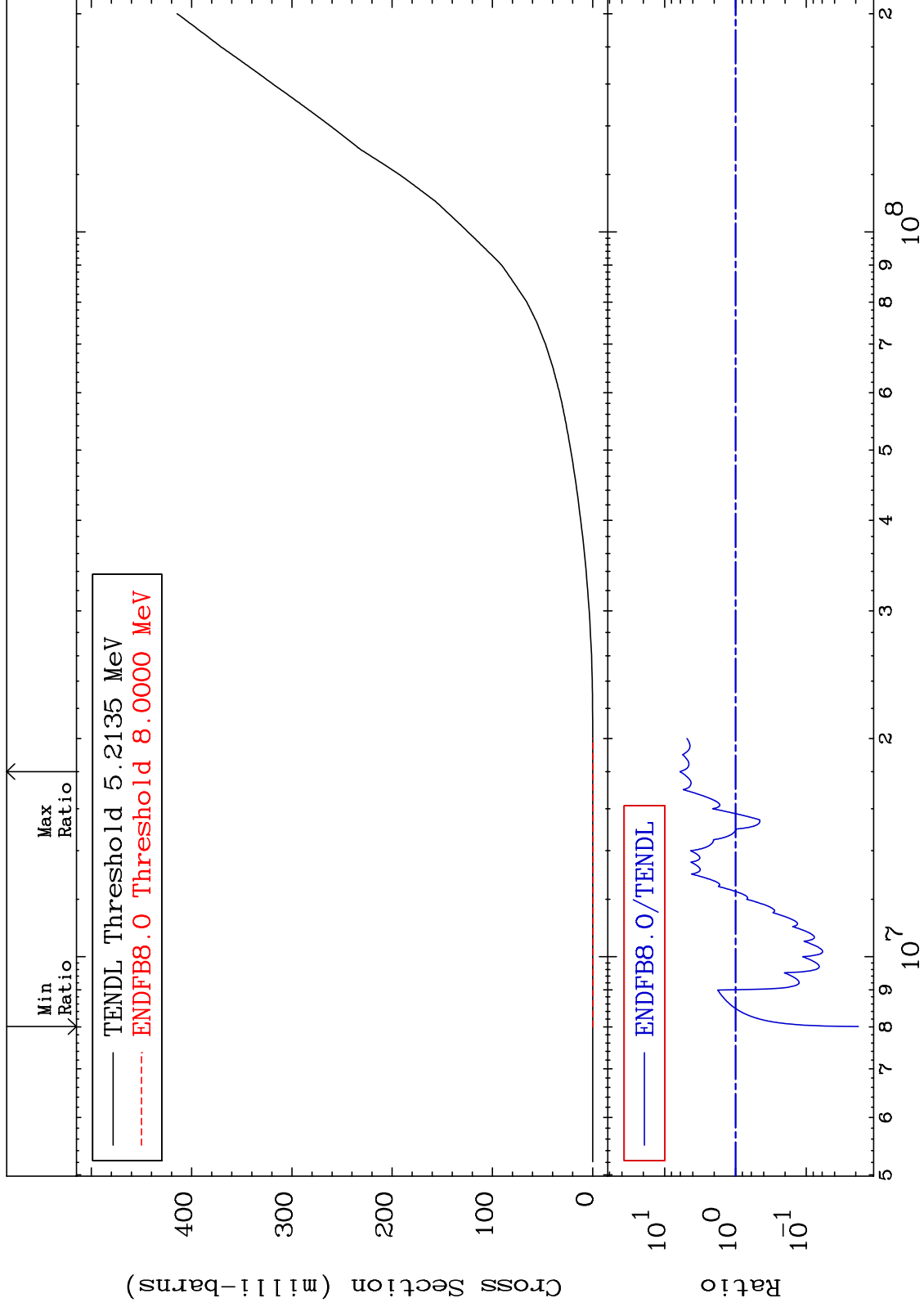
Incident Energy (eV)

50-Sn-112

MAT 5025

He-3 Production
Cross Section

50-Sn-112
-98.16 To 507.3 %



42

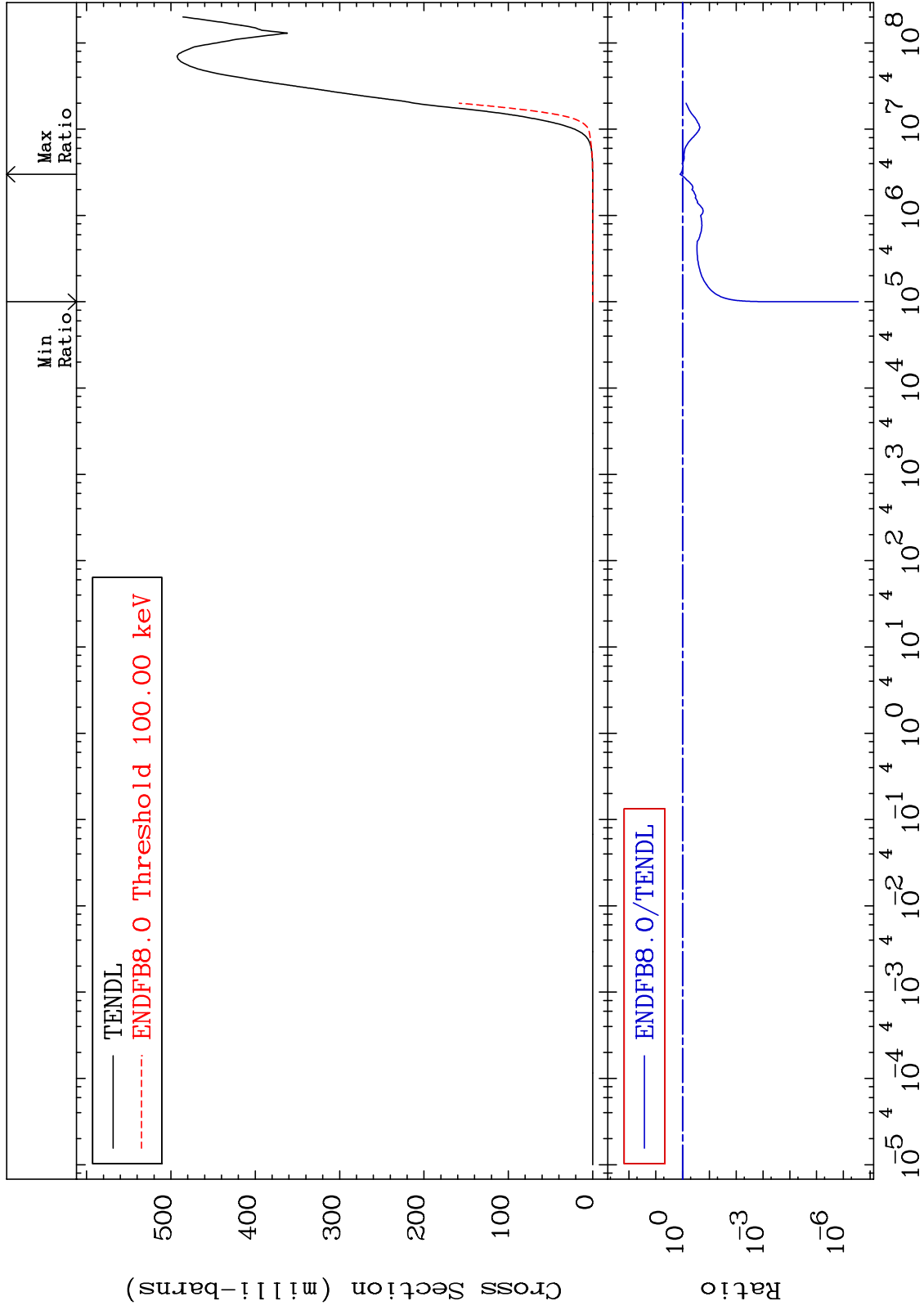
Incident Energy (eV)

50-Sn-112

MAT 5025

He-4 Production
Cross Section

50-Sn-112
-100.0 To 24.81 %



43

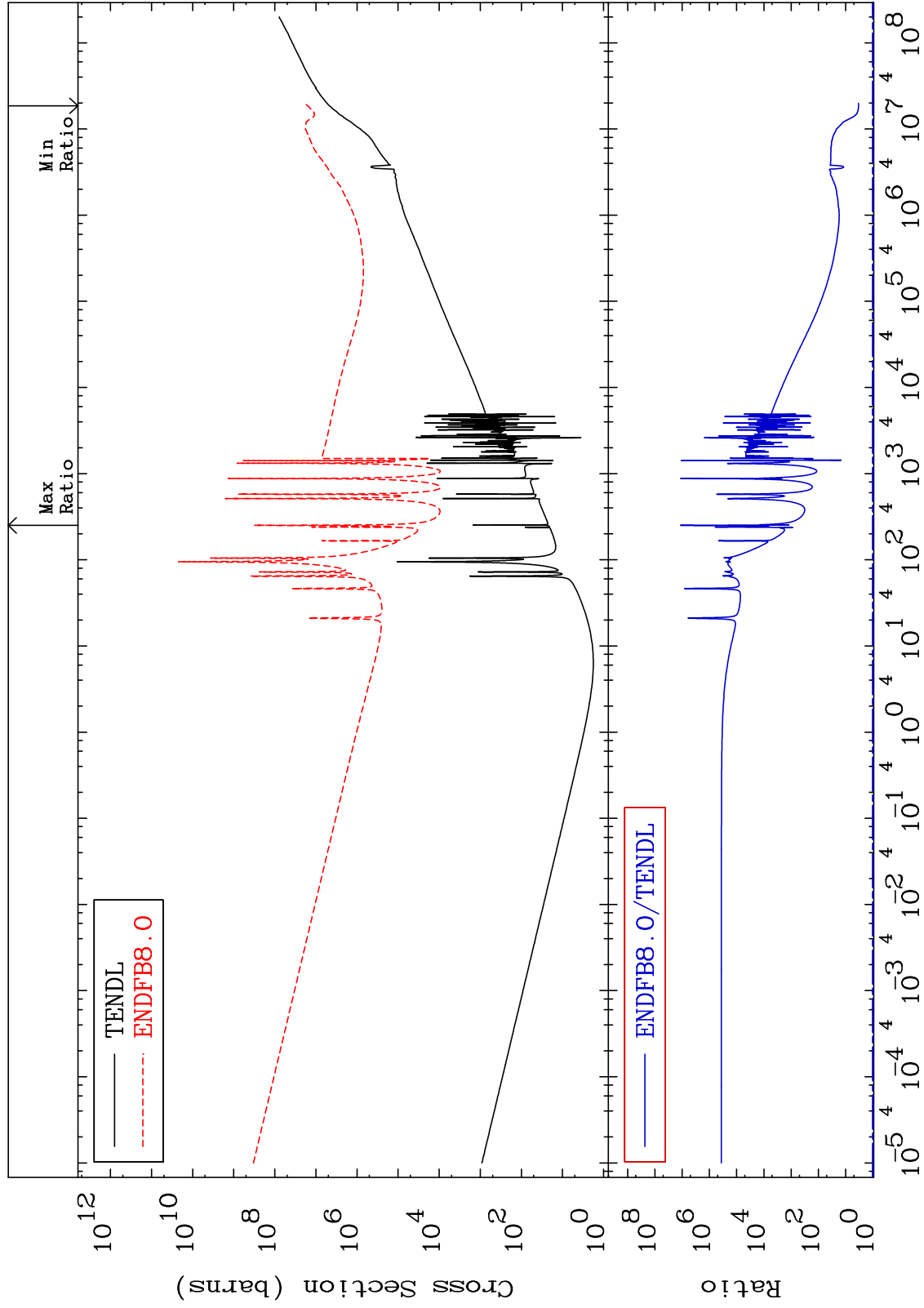
Incident Energy (eV)

50-Sn-112

MAT 5025

Kerma total (eV-barns)
Cross Section

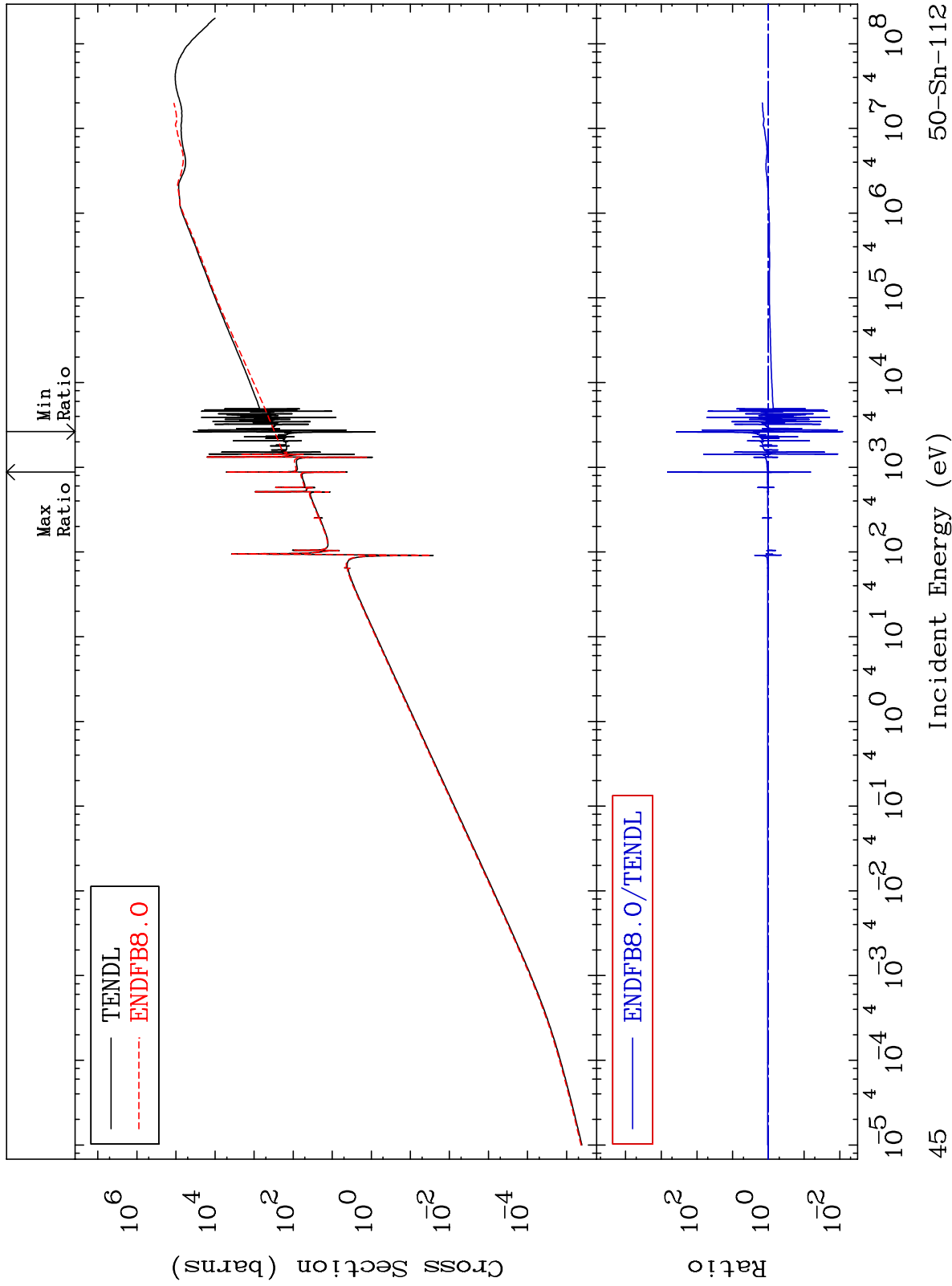
50-Sn-112
237.8 To 9999. %



MAT 5025

Kerma elastic
Cross Section

50-Sn-112
-99.17 To 9999. %



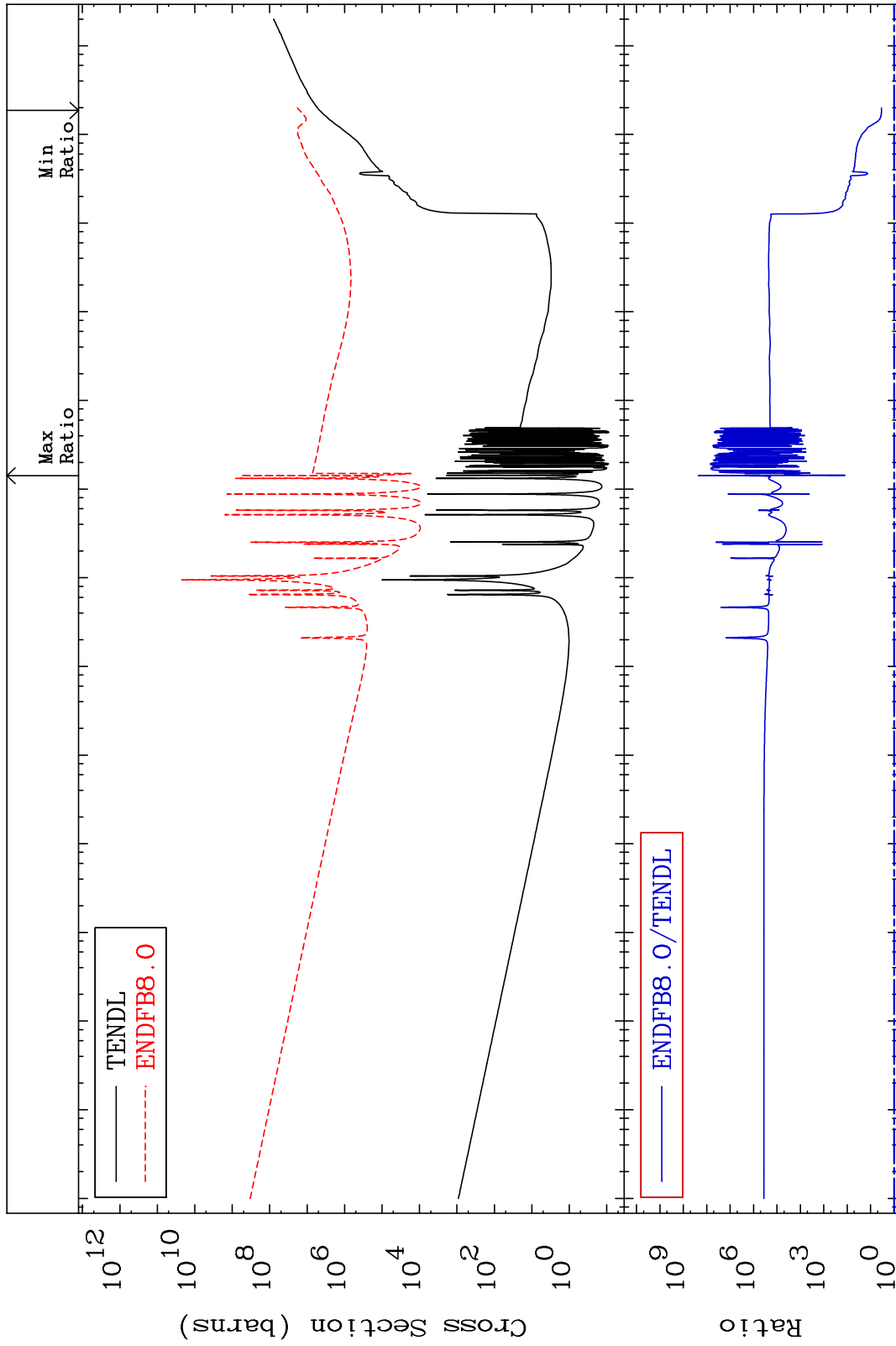
45

50-Sn-112

MAT 5025

Kerma non-elastic (all but mt2)
Cross Section

50-Sn-112
240.9 To 9999. %

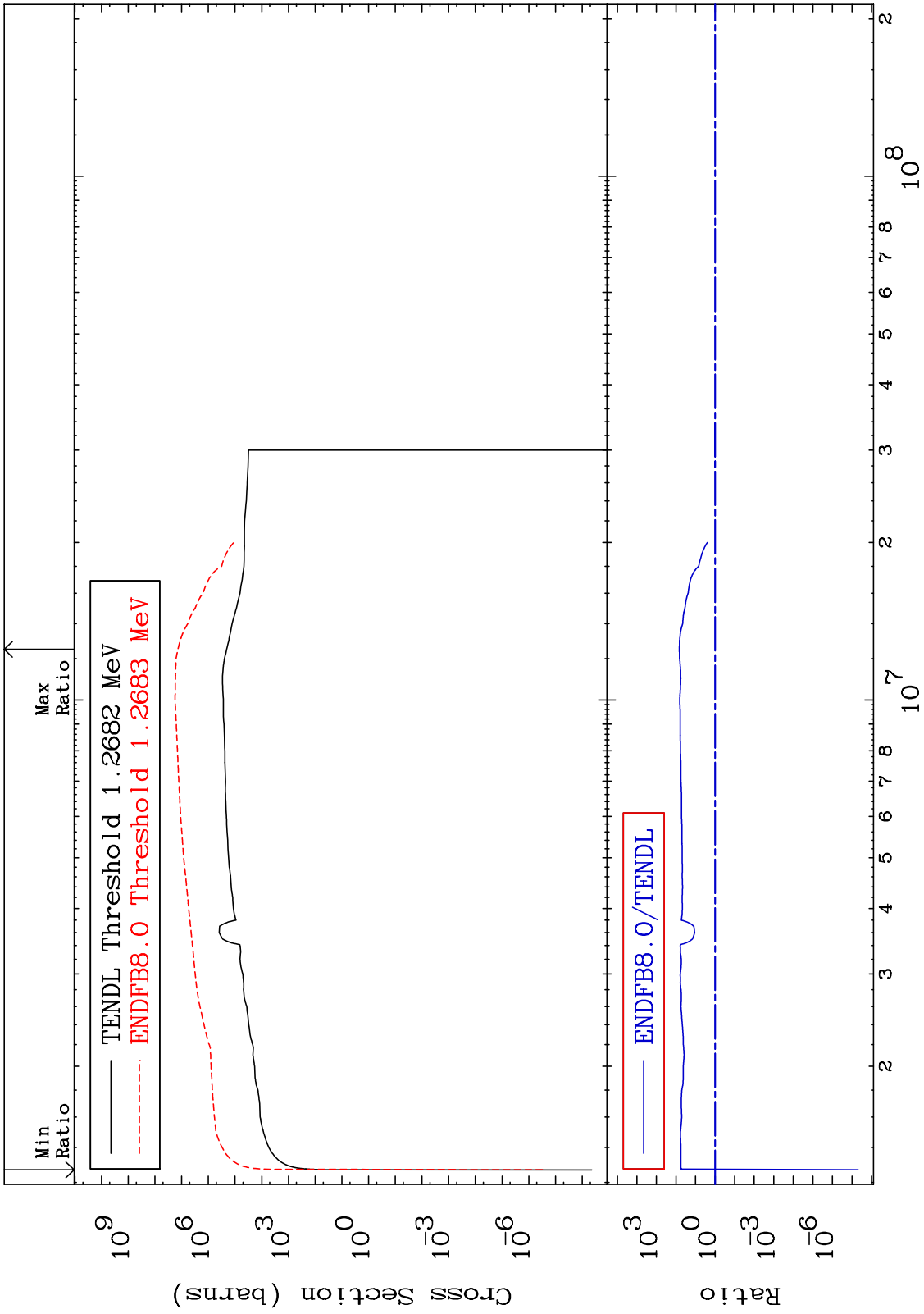


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Incident Energy (eV)

50-Sn-112

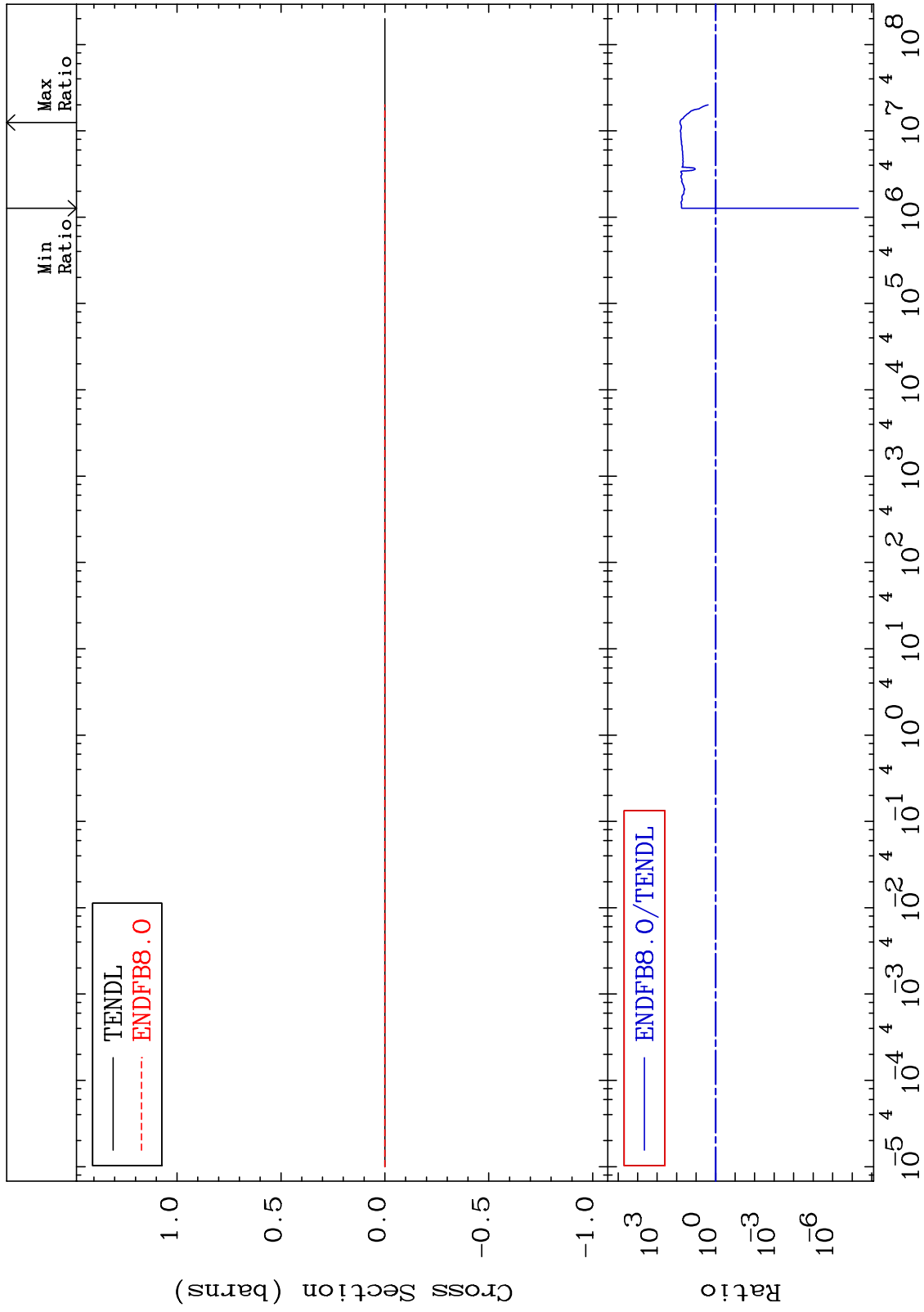
MAT 5025 Kerma inelastic (mt51-91) 50-Sn-112
 Cross Section -100.0 To 6619. %



MAT 5025

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

50-Sn-112
-100.0 To 6619. %



48

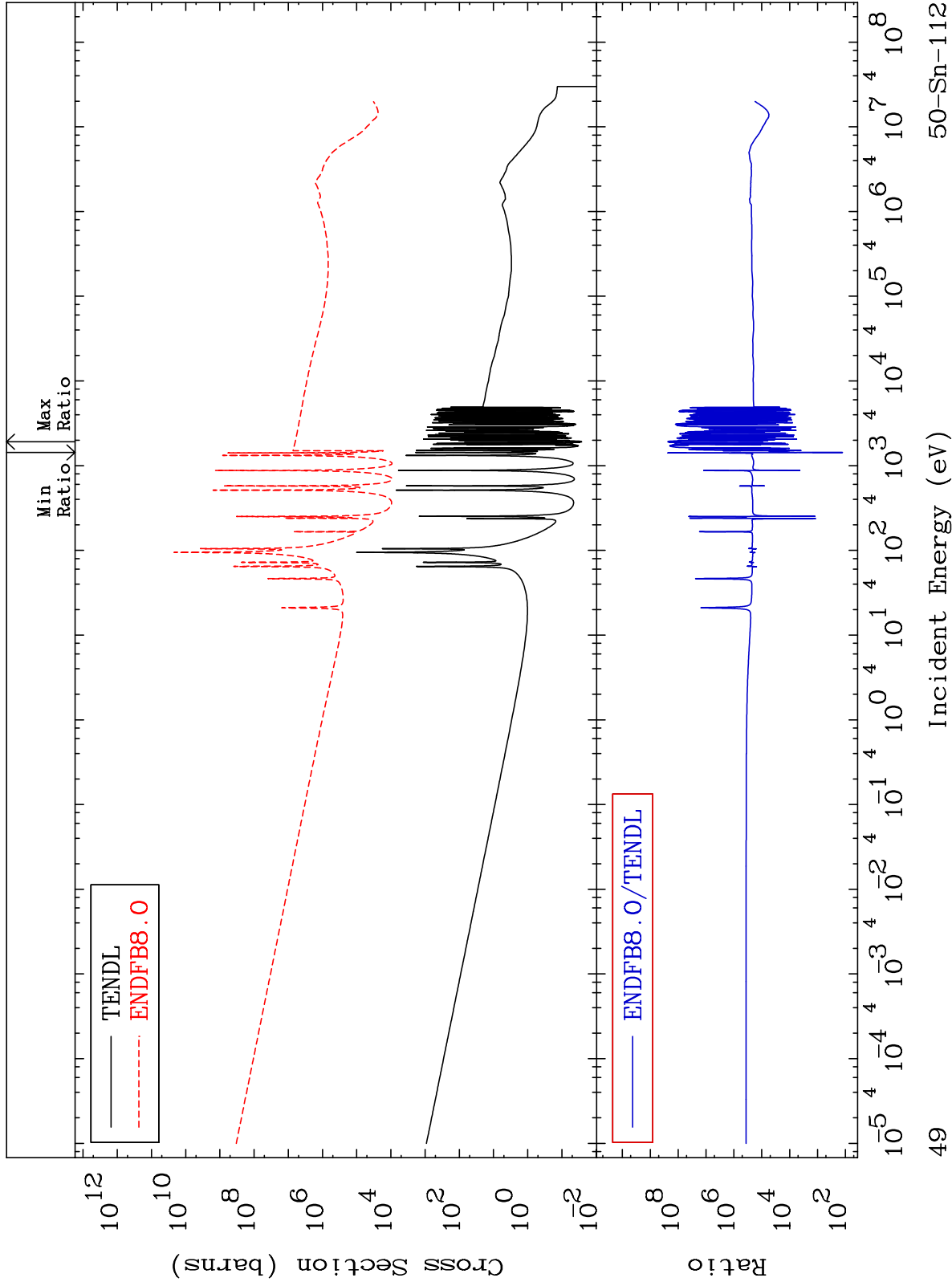
Incident Energy (eV)

50-Sn-112

MAT 5025

Kerma capture (mt102)
Cross Section

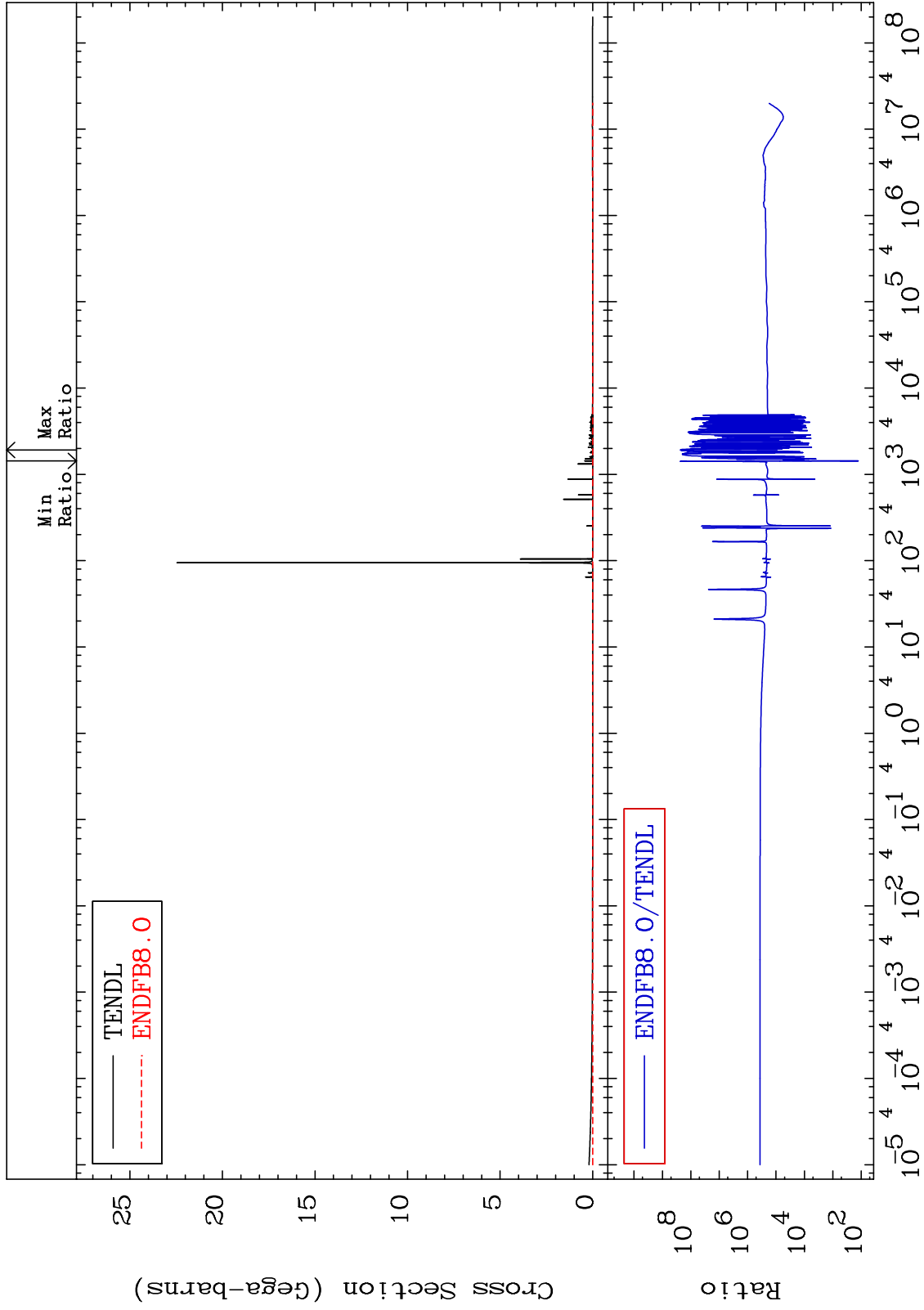
50-Sn-112
9999. To 9999. %



MAT 5025

Total photon (eV-barns)
Cross Section

50-Sn-112
9999. To 9999. %



50

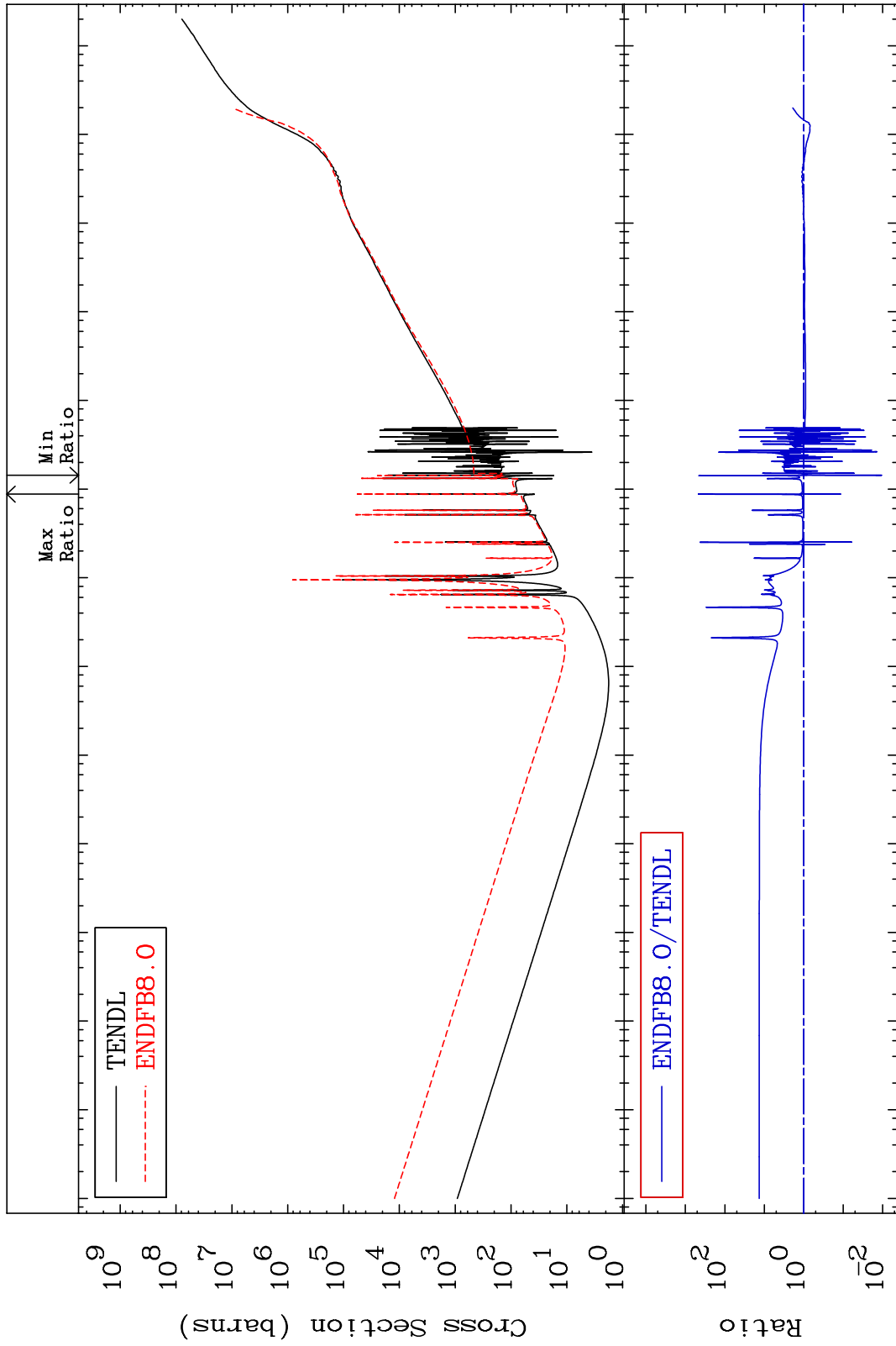
Incident Energy (eV)

50-Sn-112

MAT 5025

Total kinematic kerma (high limit)
Cross Section

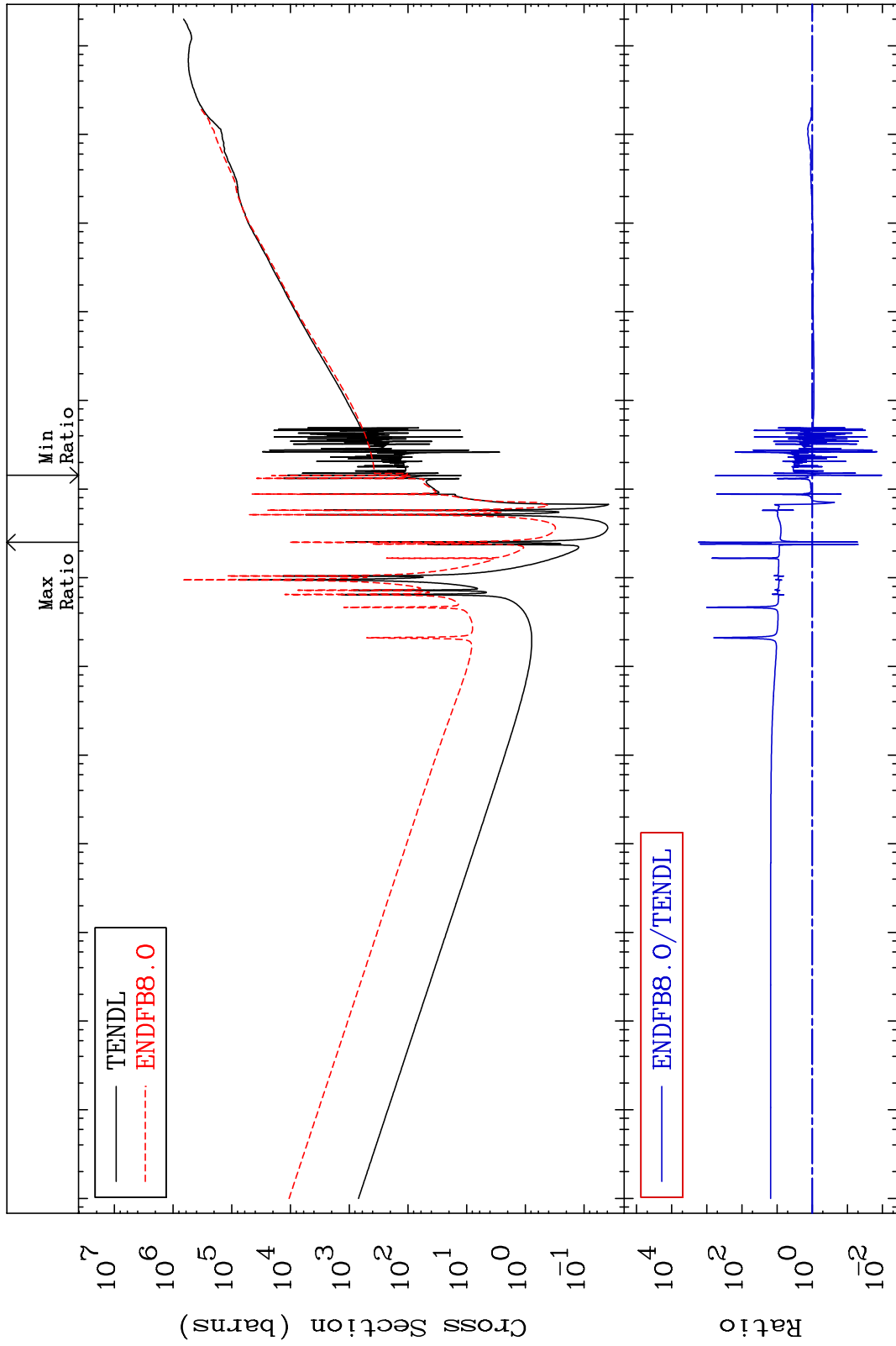
50-Sn-112
-98.94 To 9999. %



MAT 5025

Dpa total (eV-barns)
Cross Section

50-Sn-112
-98.94 To 9999. %



52

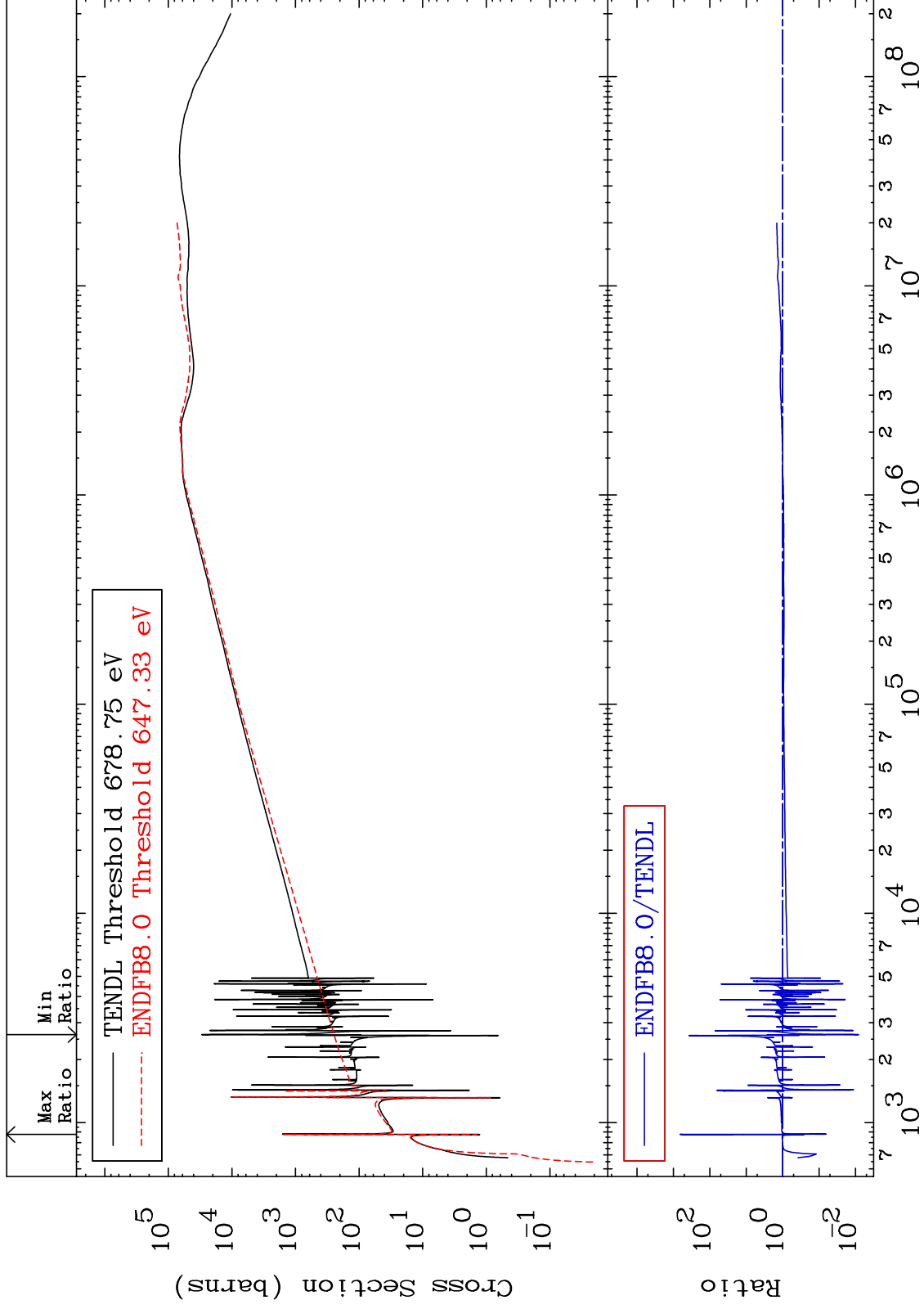
Incident Energy (eV)

50-Sn-112

MAT 5025

Dpa elastic (mt2)
Cross Section

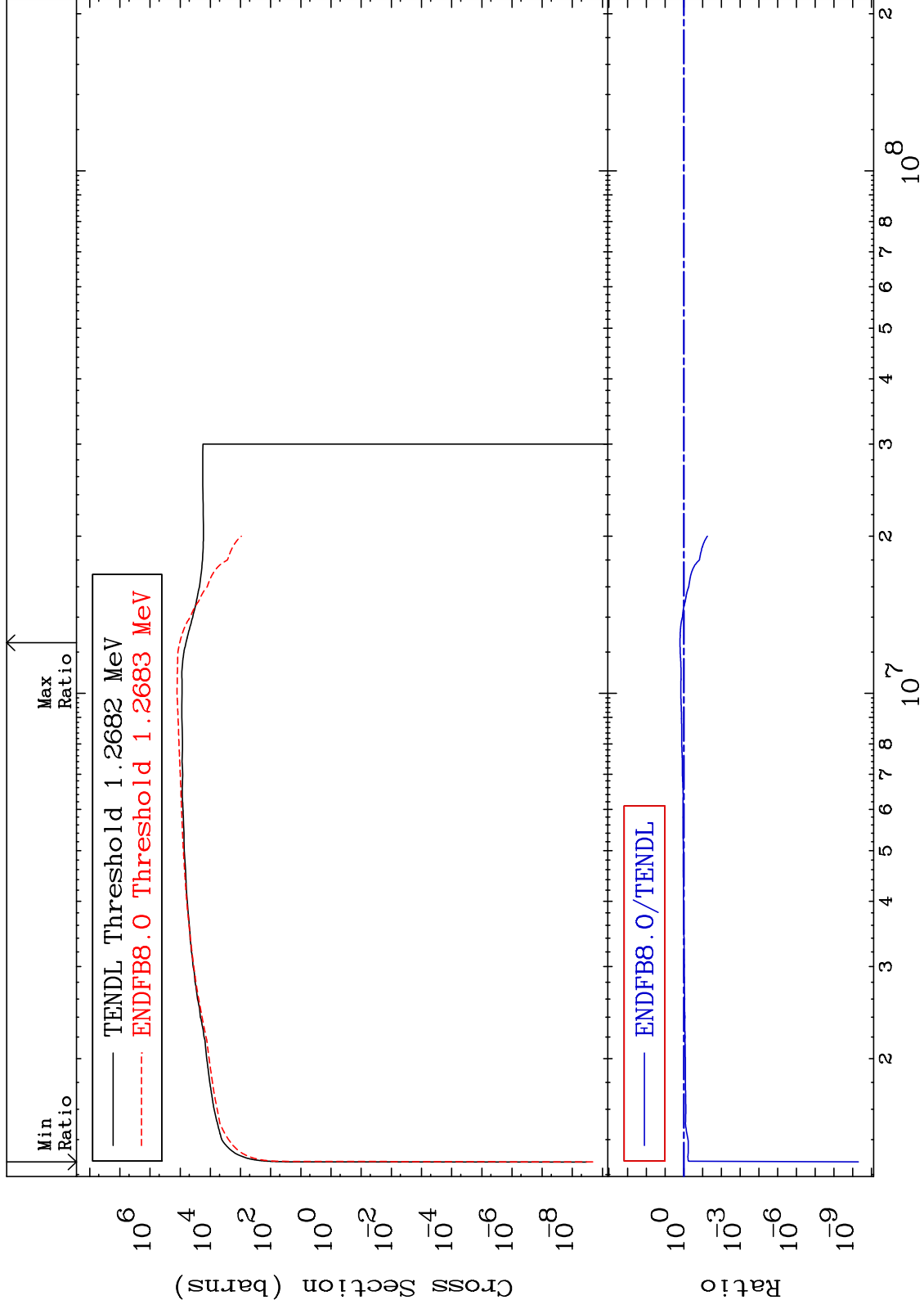
50-Sn-112
-99.17 To 9999. %



MAT 5025

Dpa inelastic (mt51-91)
Cross Section

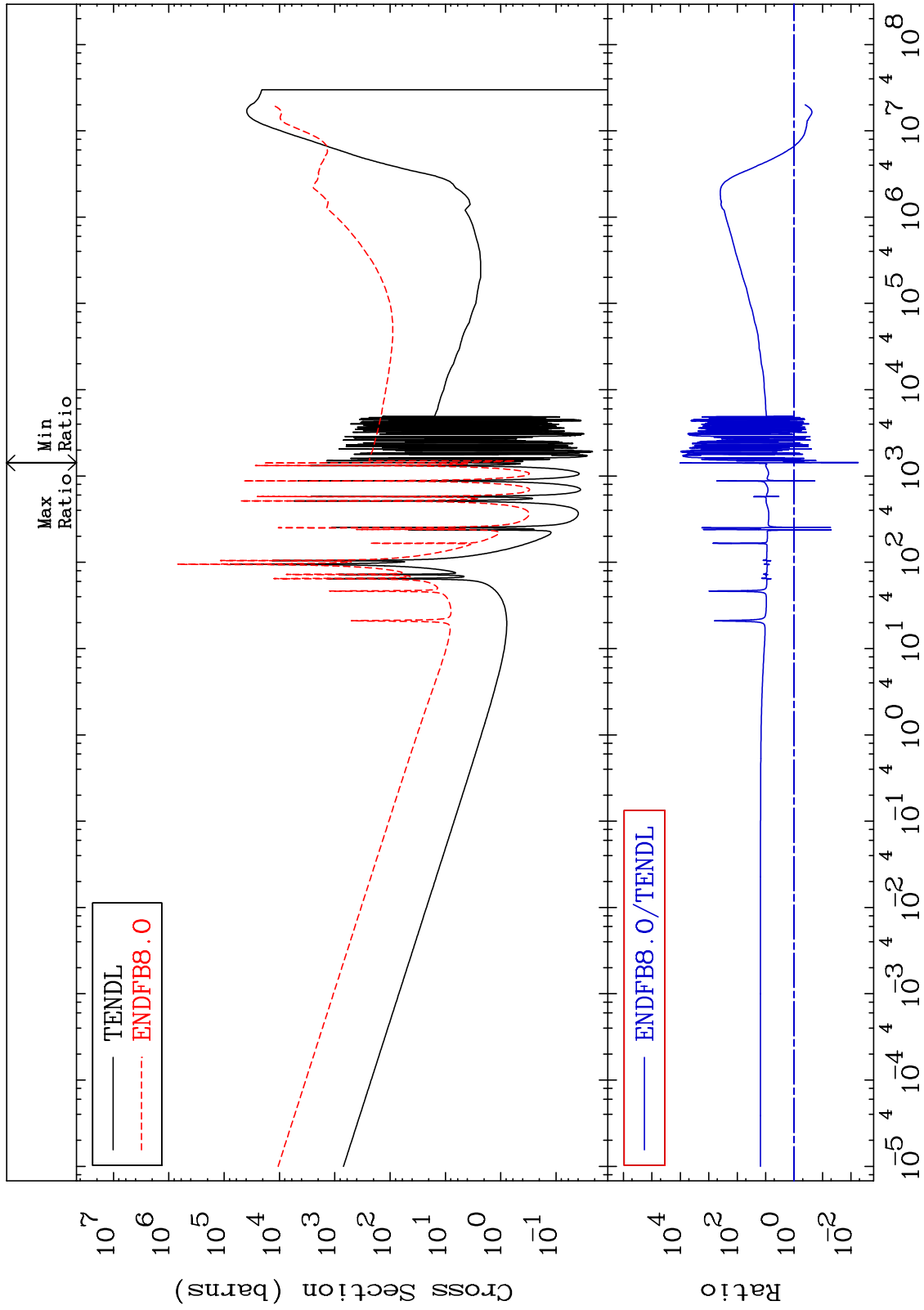
50-Sn-112
-100.0 To 60.68 %



MAT 5025

Dpa disappearance (mt102 -120)
Cross Section

50-Sn-112
-99.45 To 9999. %



55

Incident Energy (eV)

50-Sn-112