

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

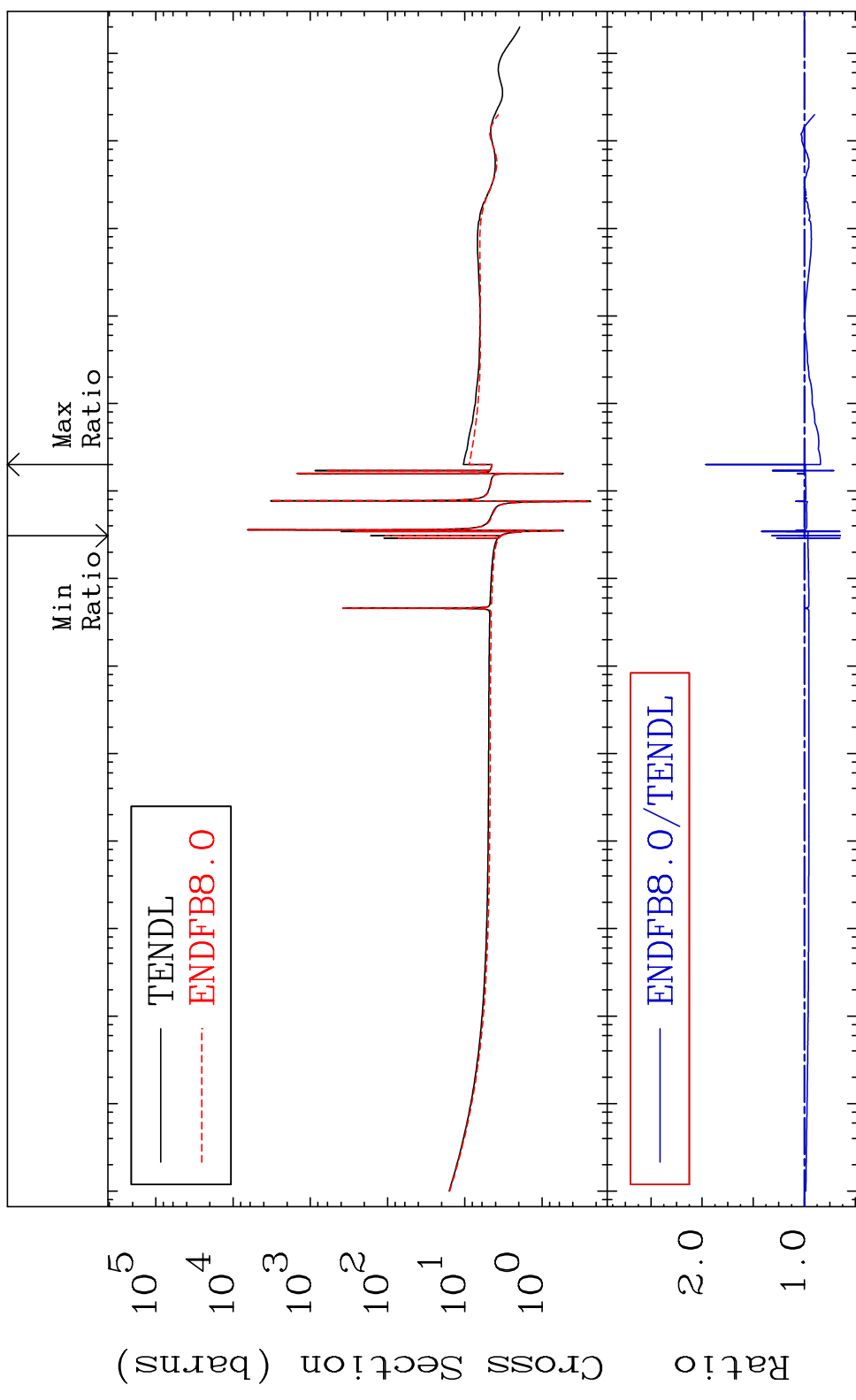
MAT 5043

Total

50-Sn-118

Cross Section

-35.33 To 96.43 %



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

1

Incident Energy (eV)

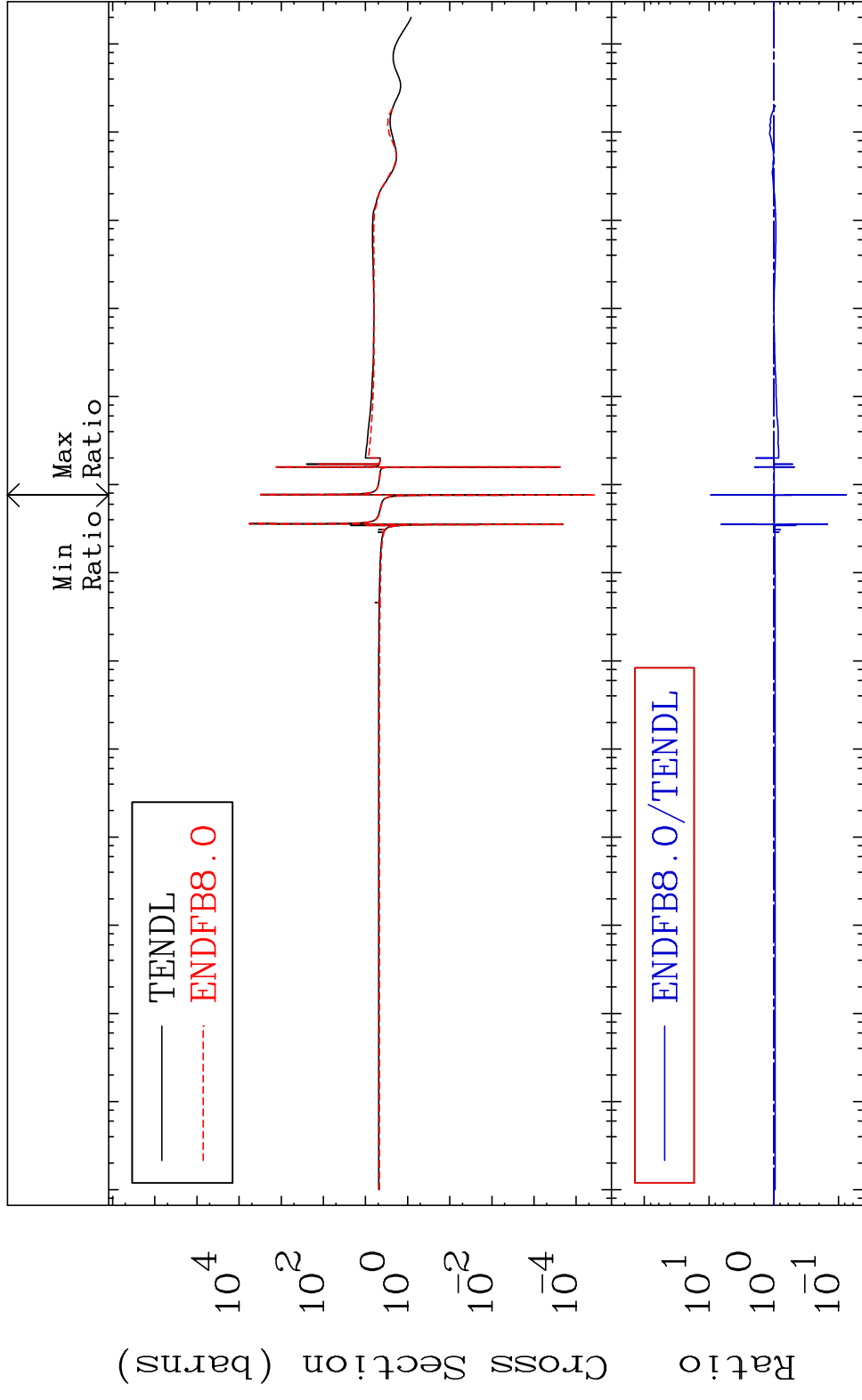
50-Sn-118

MAT 5043

Elastic

50-Sn-118

Cross Section -92.41 To 842.2 %

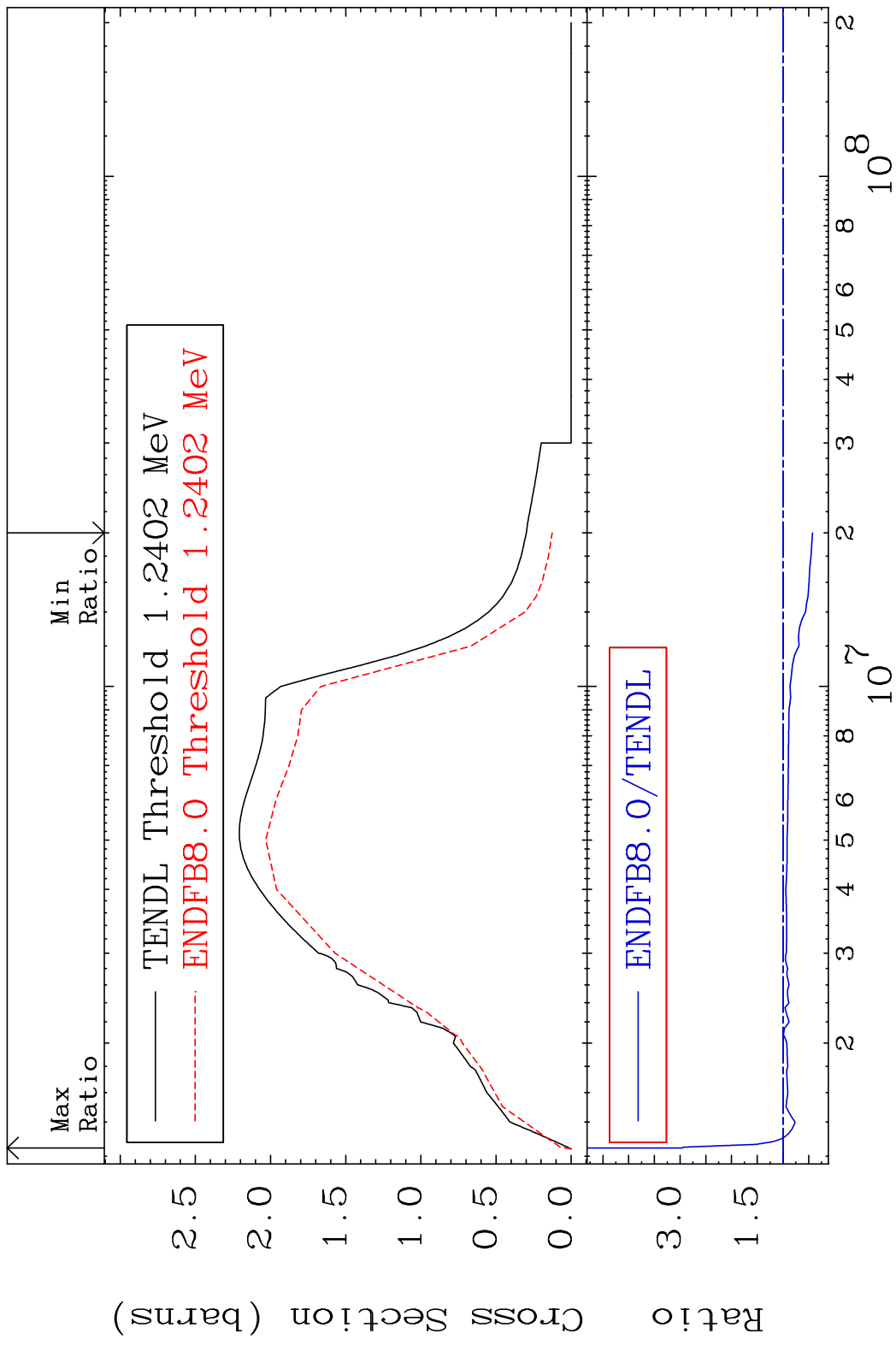


2

Incident Energy (eV)

50-Sn-118

MAT 5043 Inelastic 50-Sn-118
 Cross Section -57.60 To 195.6 %

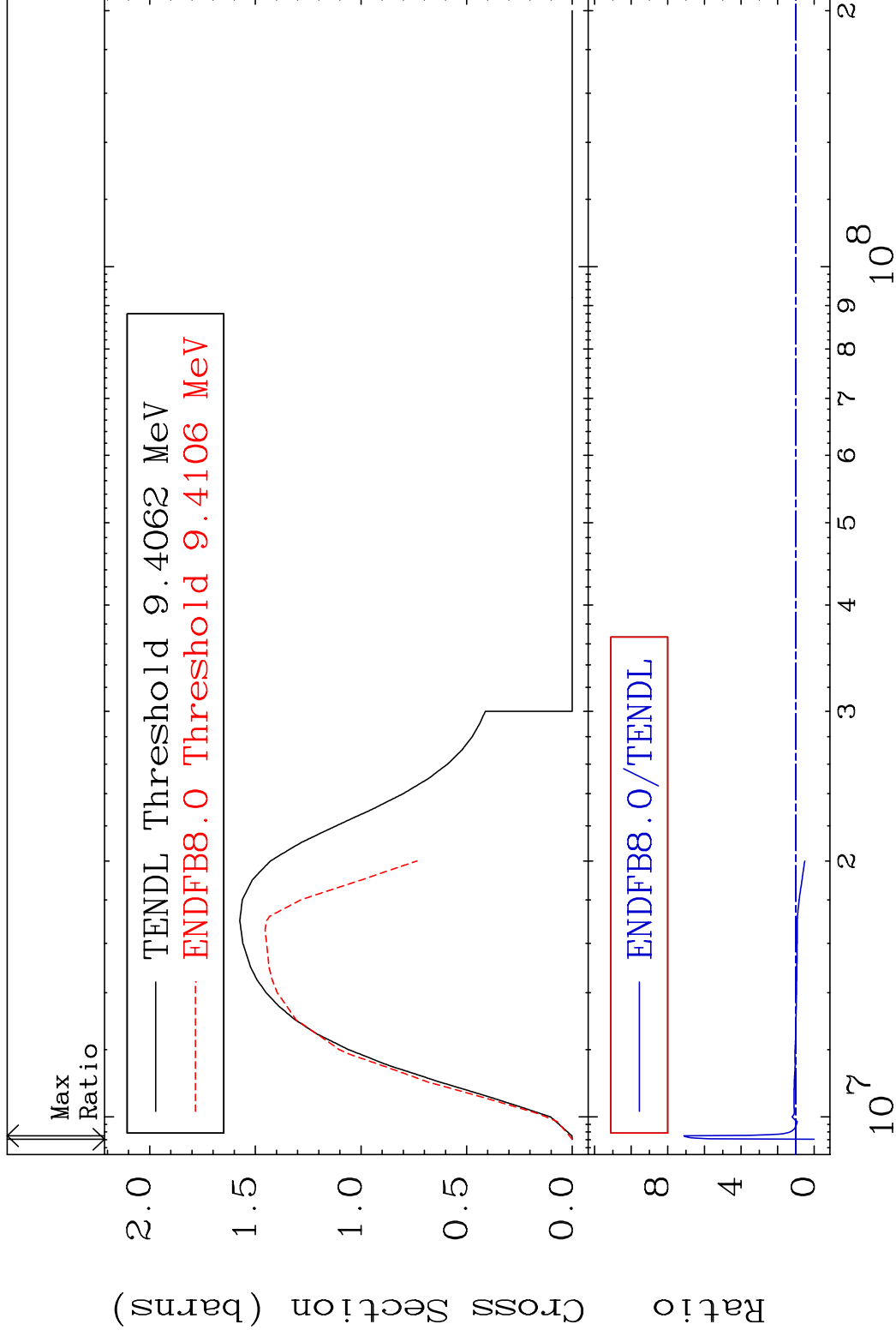


MAT 5043

(n,2n)

50-Sn-118

Cross Section -100.0 To 613.3 %



4

Incident Energy (eV)

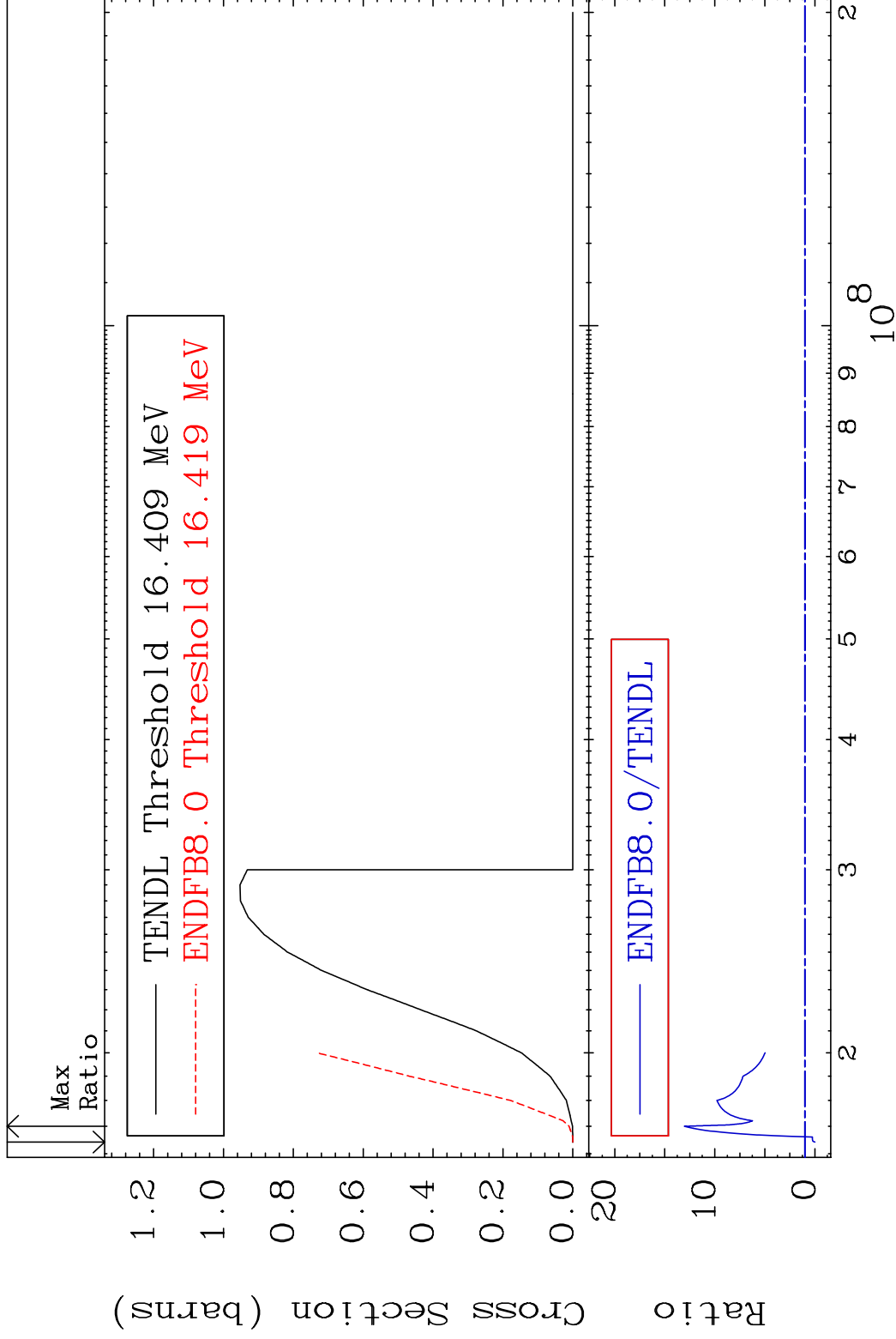
50-Sn-118

MAT 5043

(n,3n)

50-Sn-118

Cross Section -100.0 To 1205. %

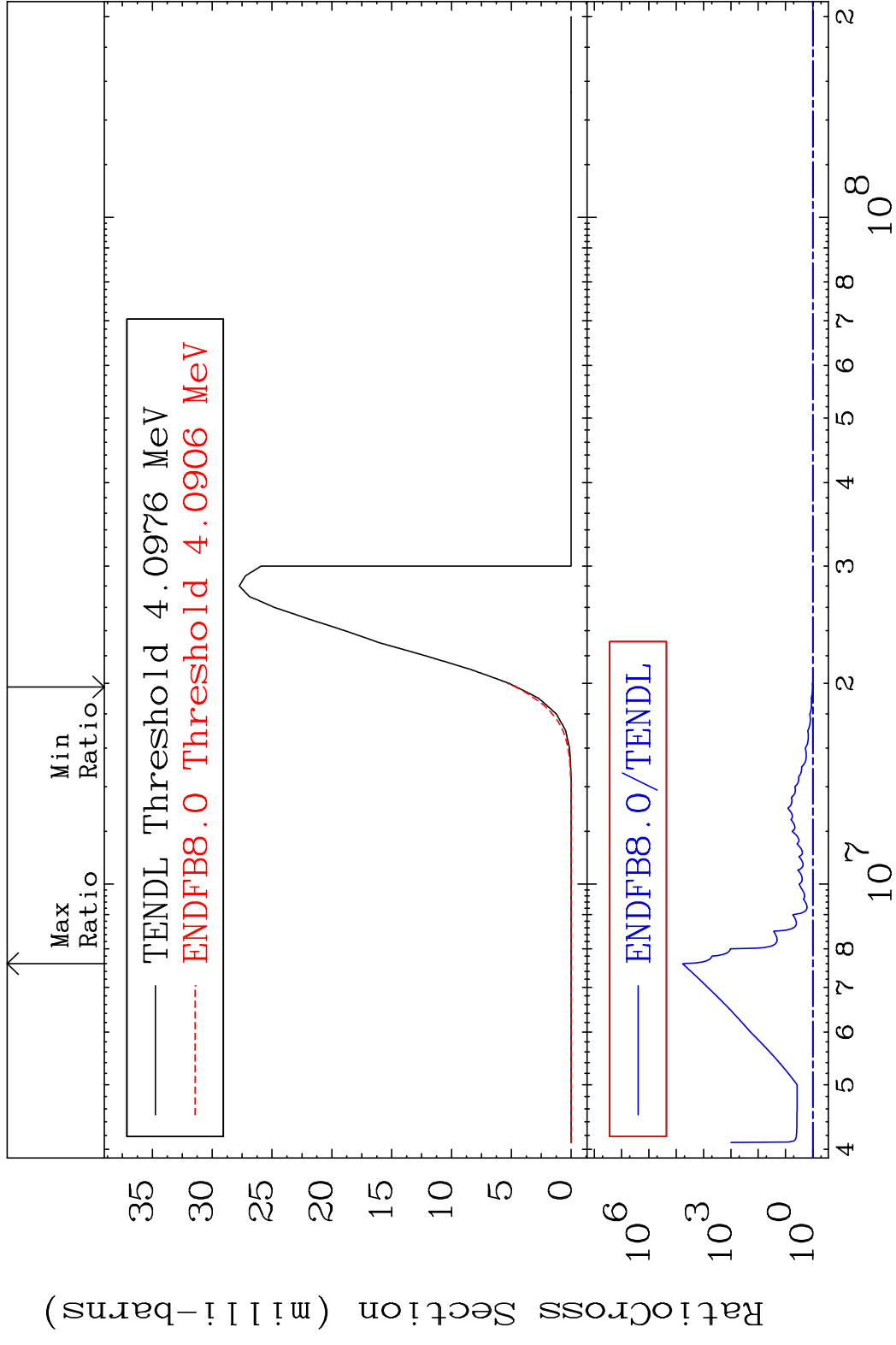


5

Incident Energy (eV)

50-Sn-118

MAT 5043 (n, n') α 50-Sn-118
 Cross Section 2.008 To 9999. %

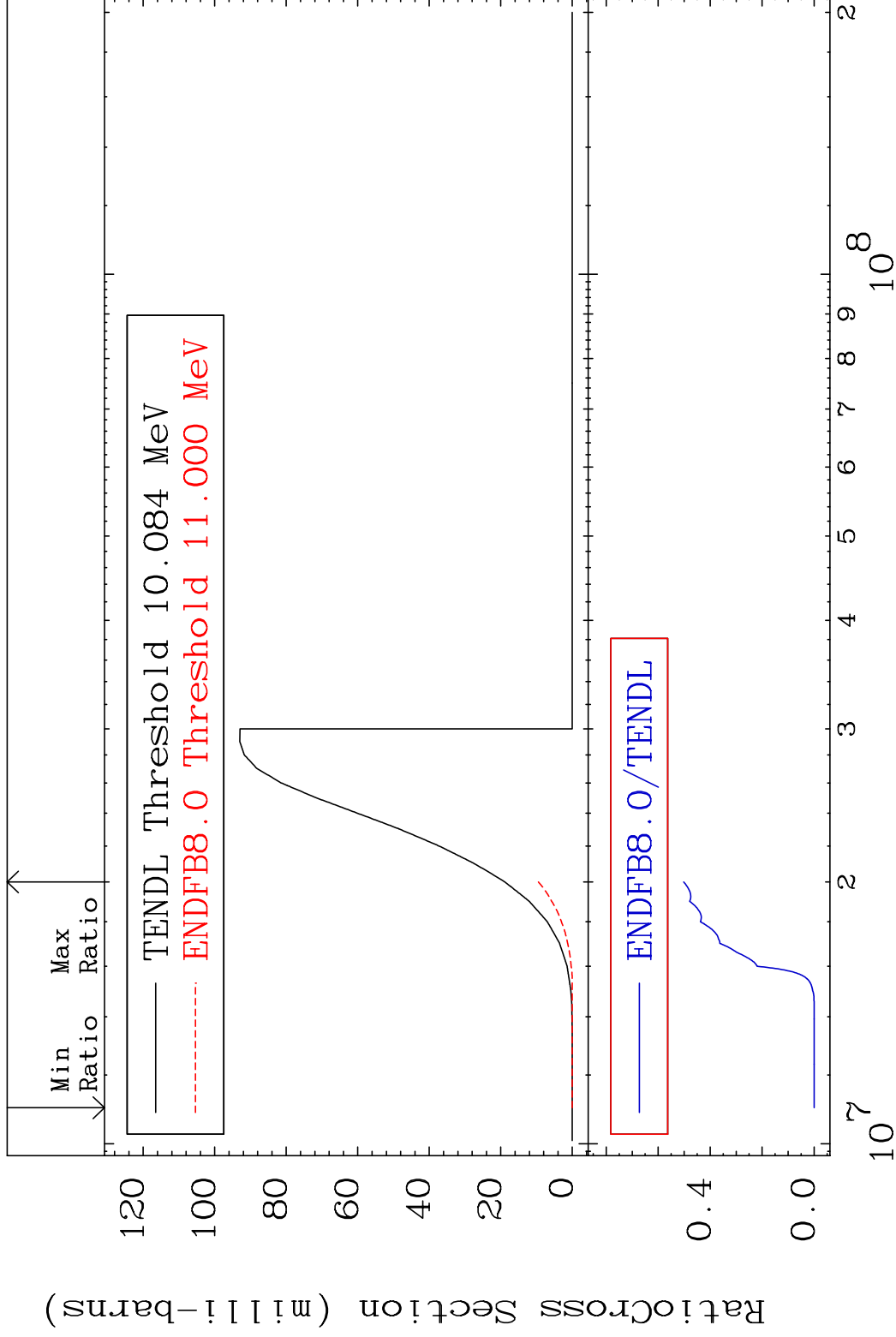


MAT 5043

(n, n') p

50-Sn-118

Cross Section -100.0 To -49.81%

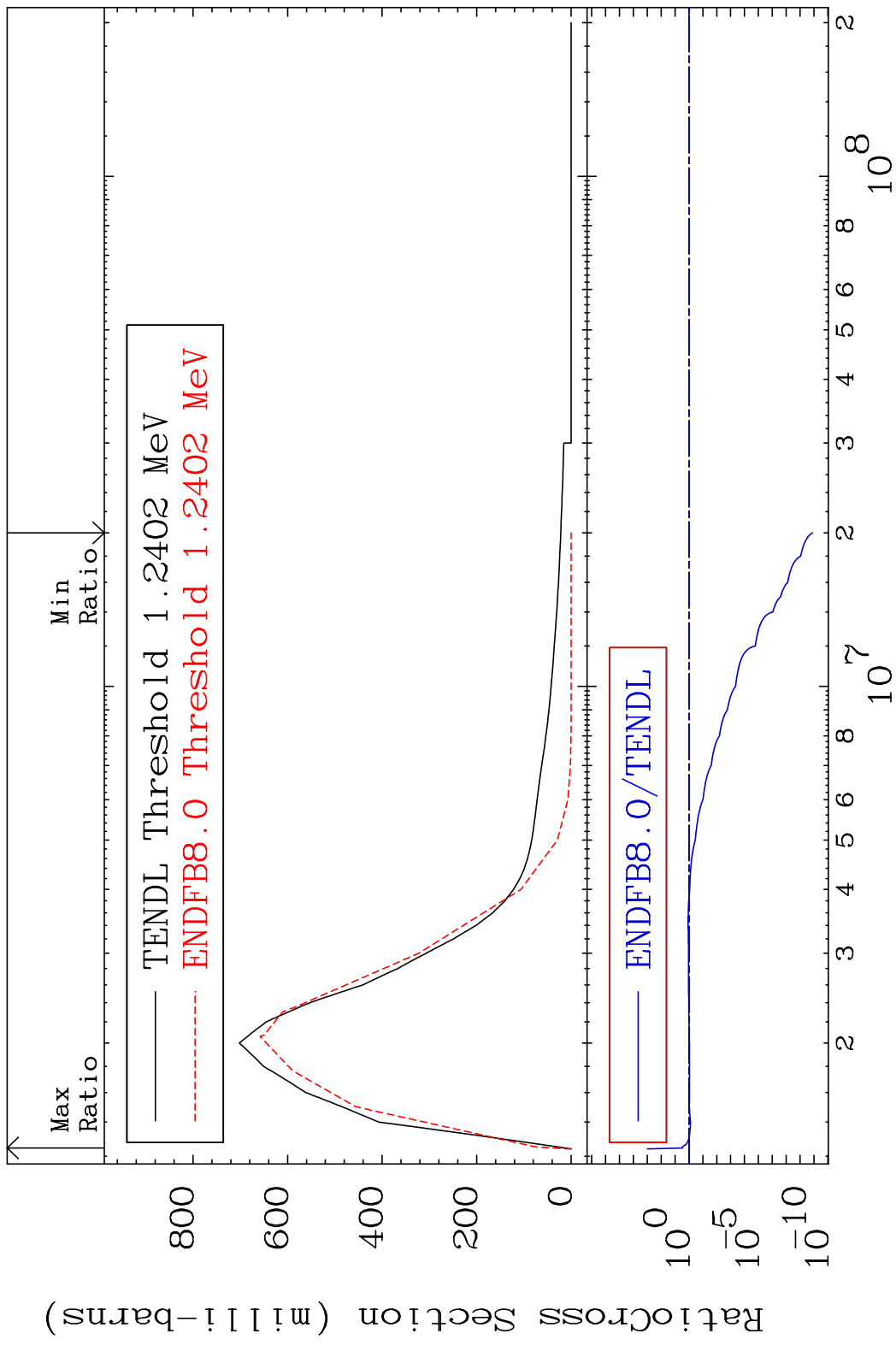


7

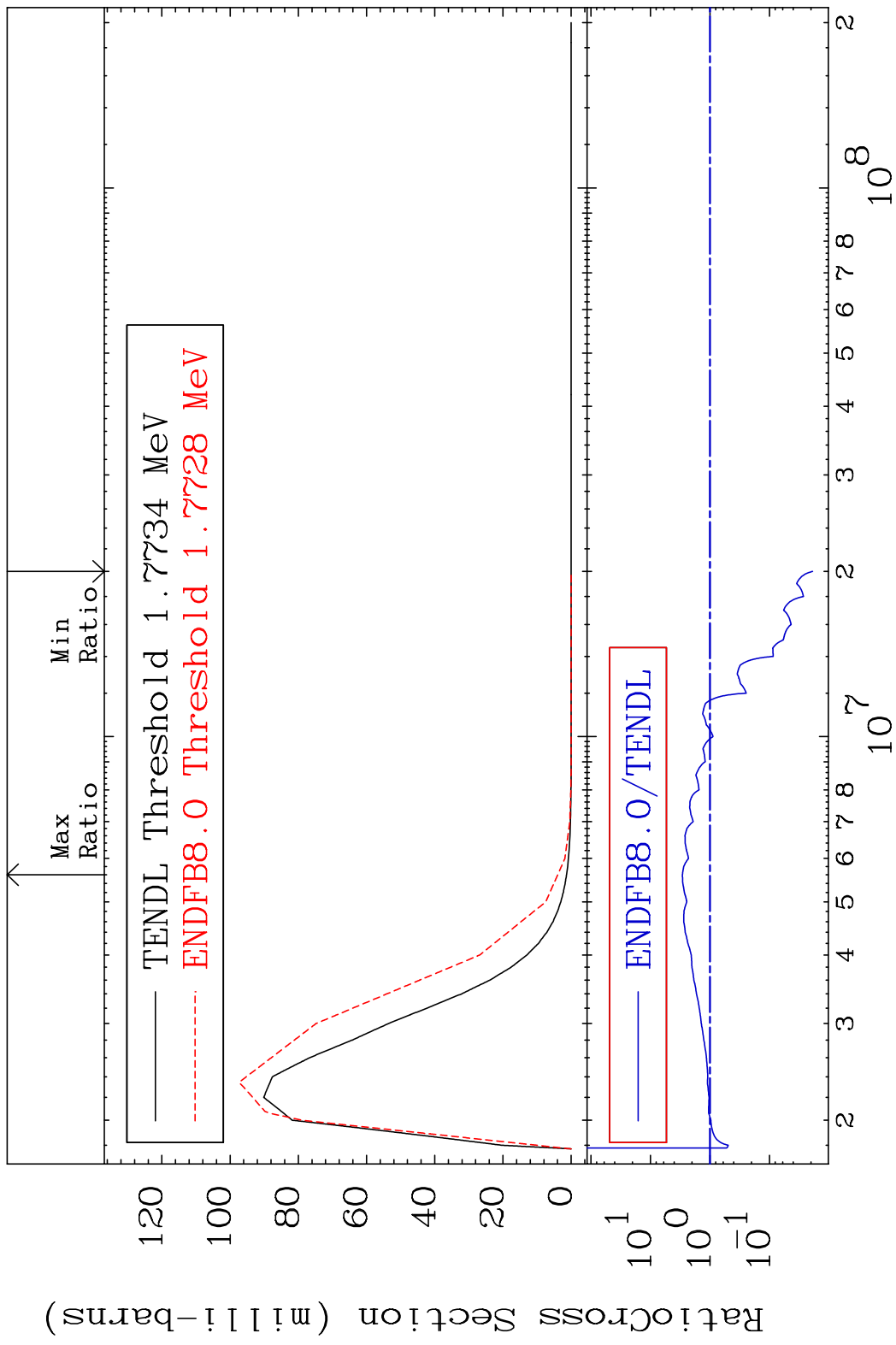
Incident Energy (eV)

50-Sn-118

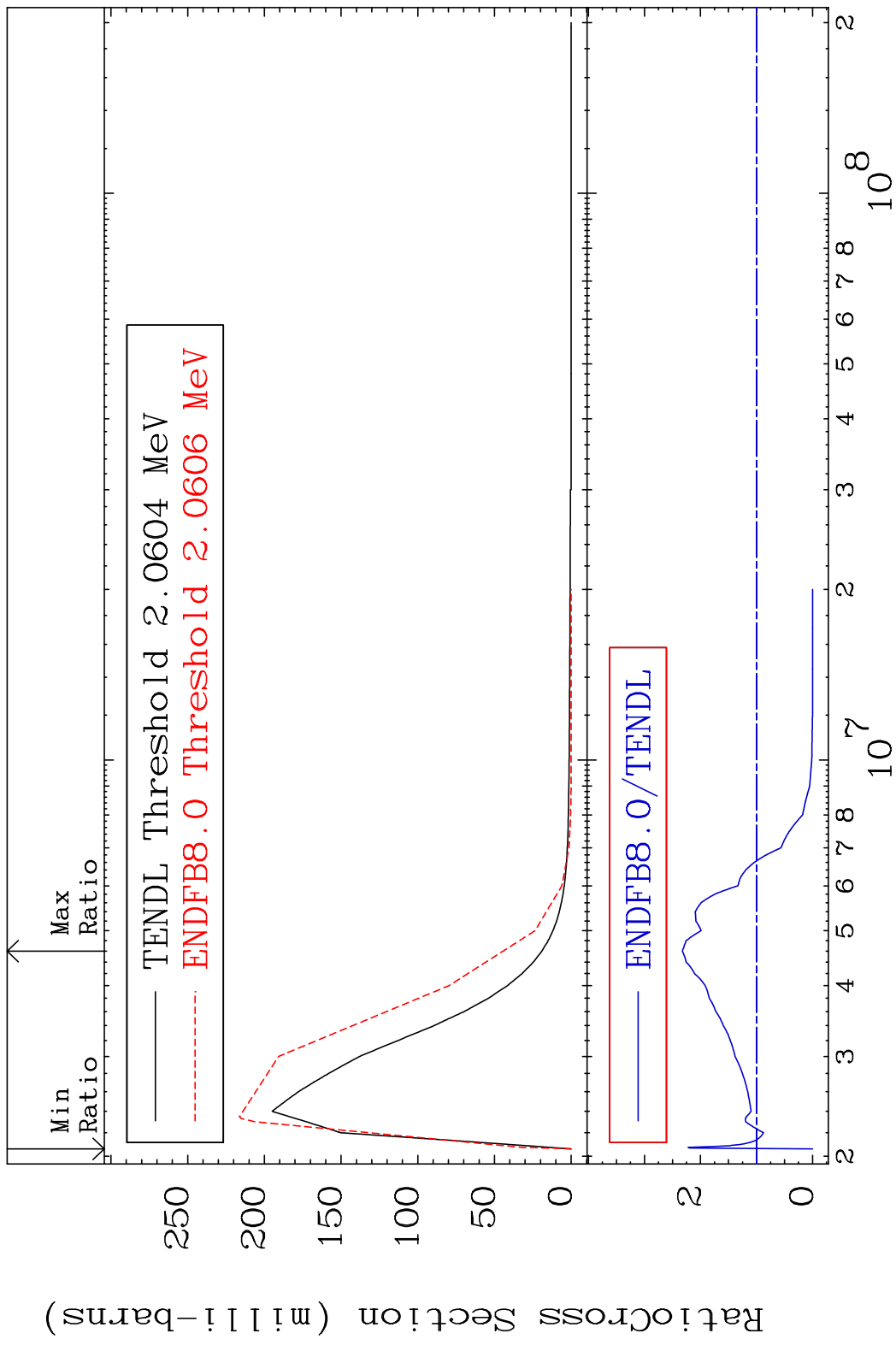
MAT 5043 MT= 51 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 195.6 %



MAT 5043 MT= 52 (n, n') Level 50-Sn-118
 Cross Section -98.11 To 190.7 %

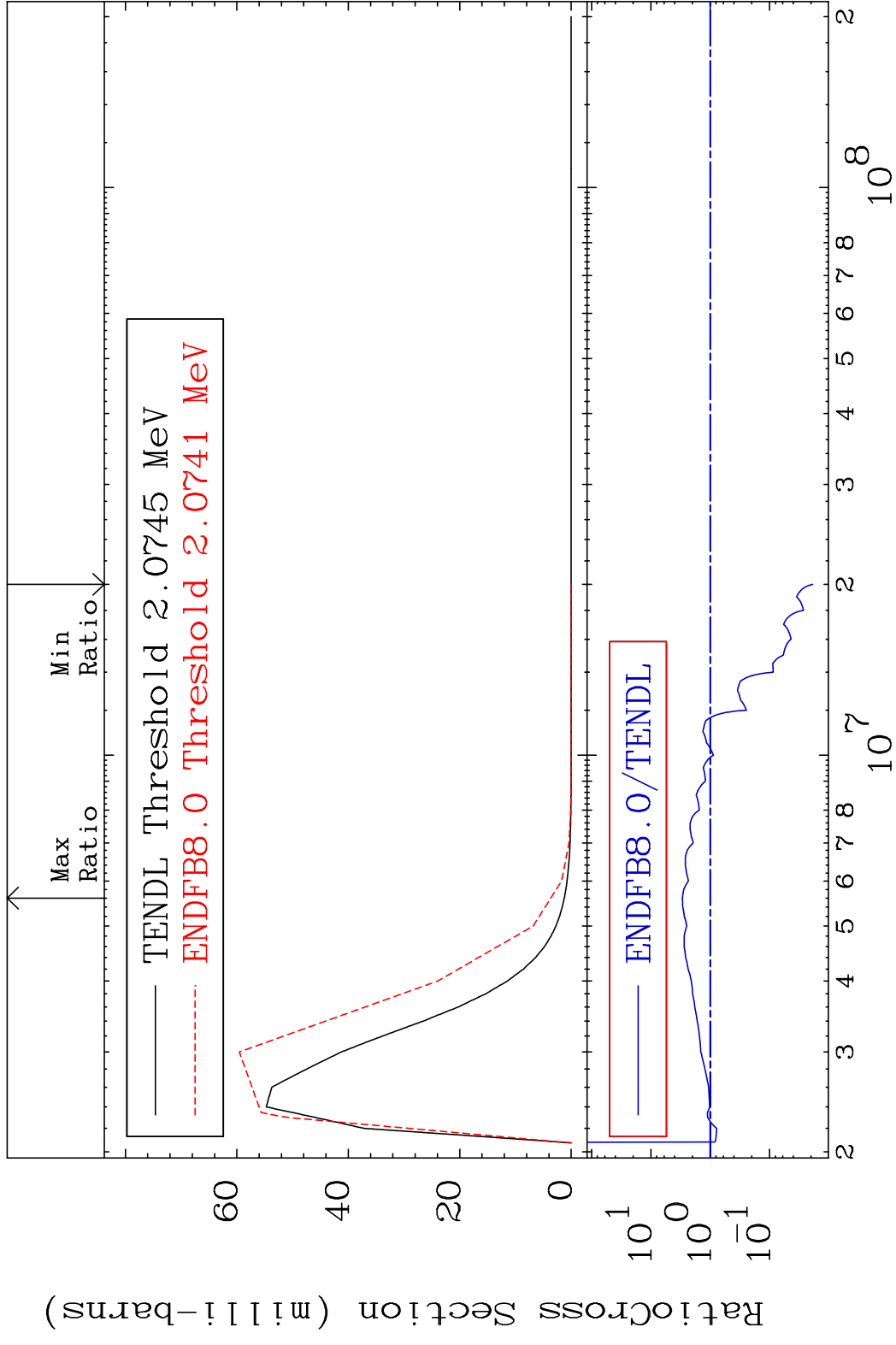


MAT 5043 MT= 53 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 132.4 %

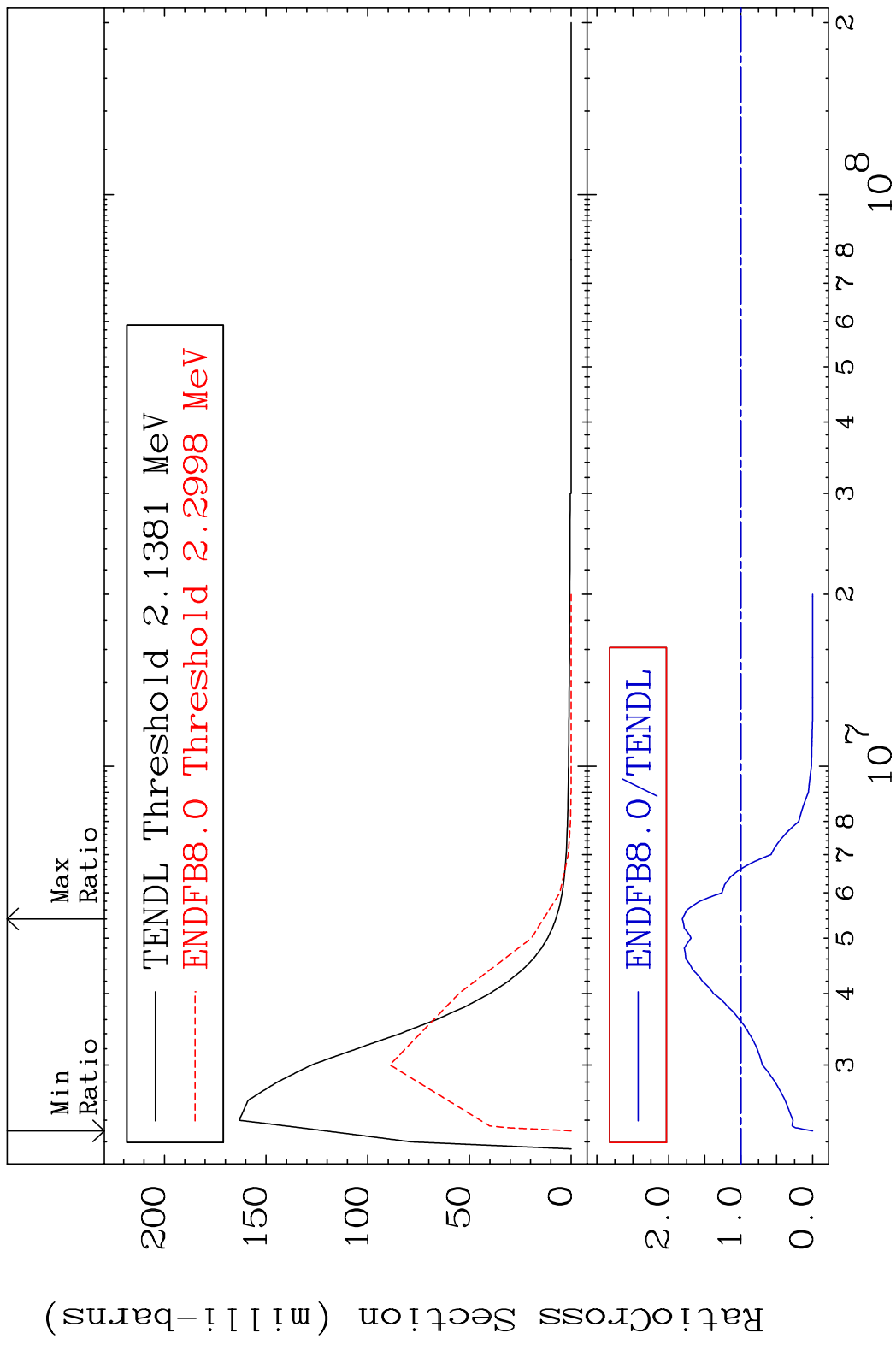


10 Incident Energy (eV) 50-Sn-118

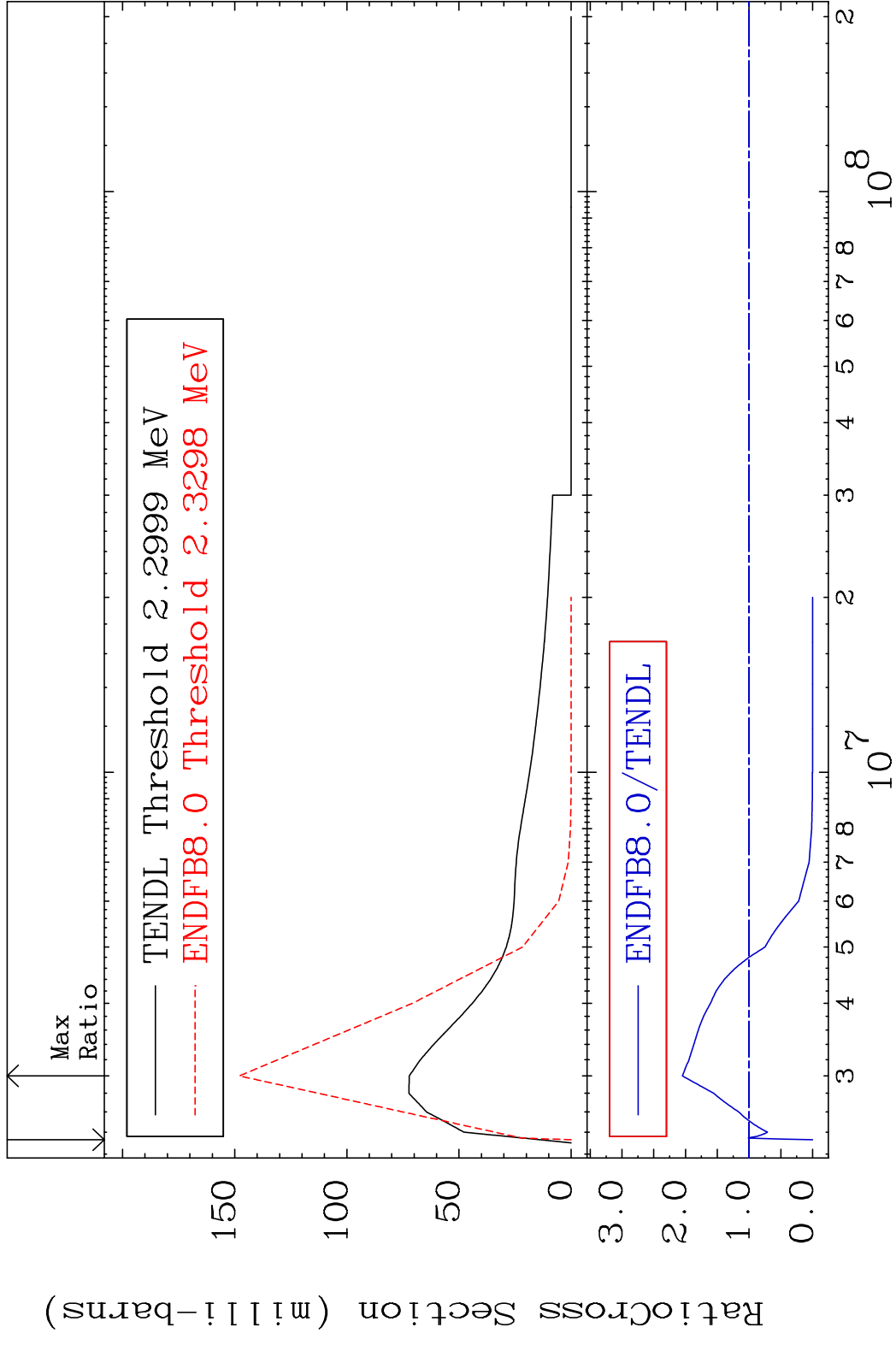
MAT 5043 MT= 54 (n, n') Level 50-Sn-118
 Cross Section -98.11 To 195.7 %



MAT 5043 MT= 55 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 81.14 %



MAT 5043 MT= 56 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 105.0 %

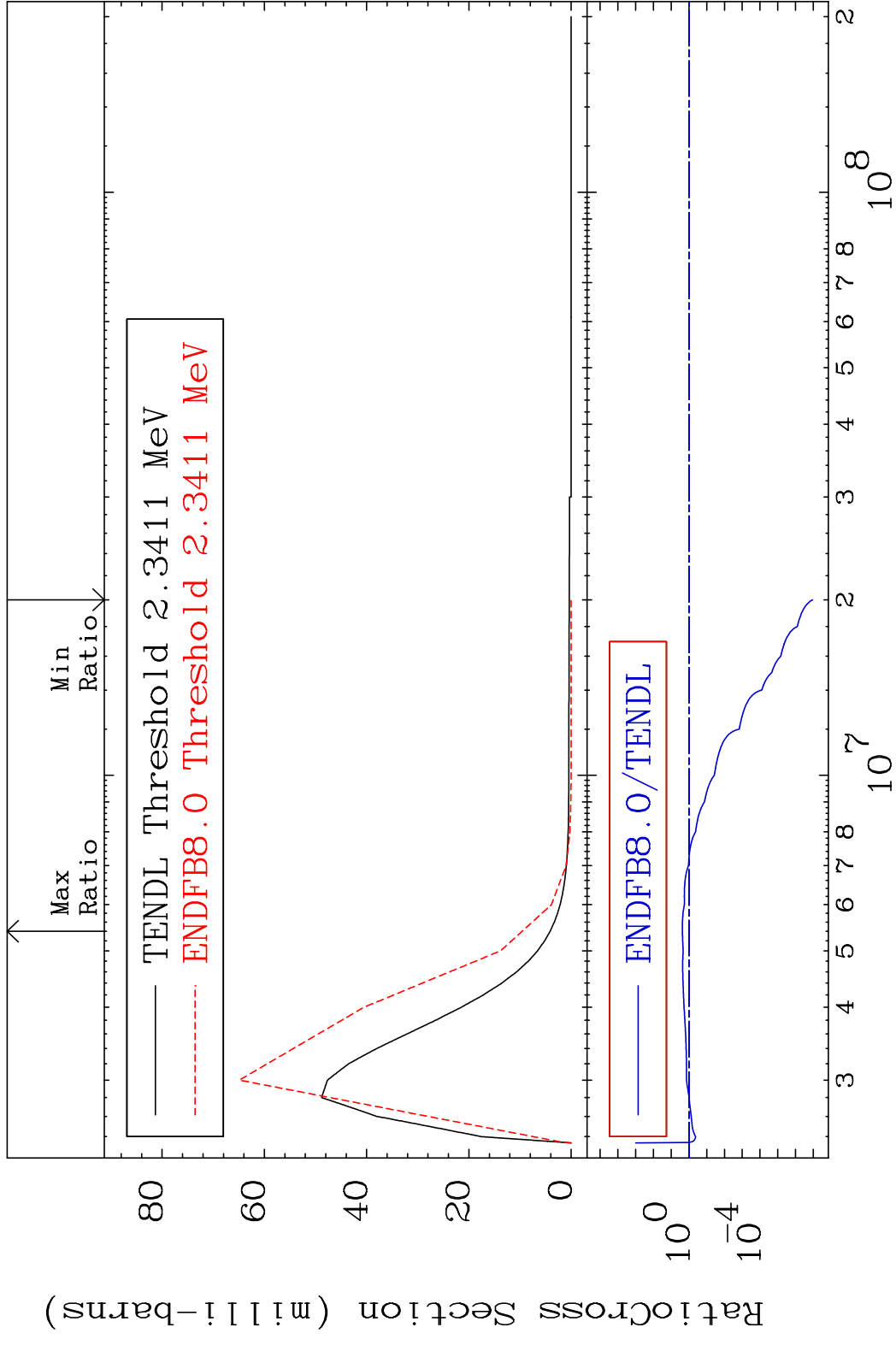


MAT 5043

MT= 57 (n, n') Level

50-Sn-118

Cross Section -100.0 To 133.4 %

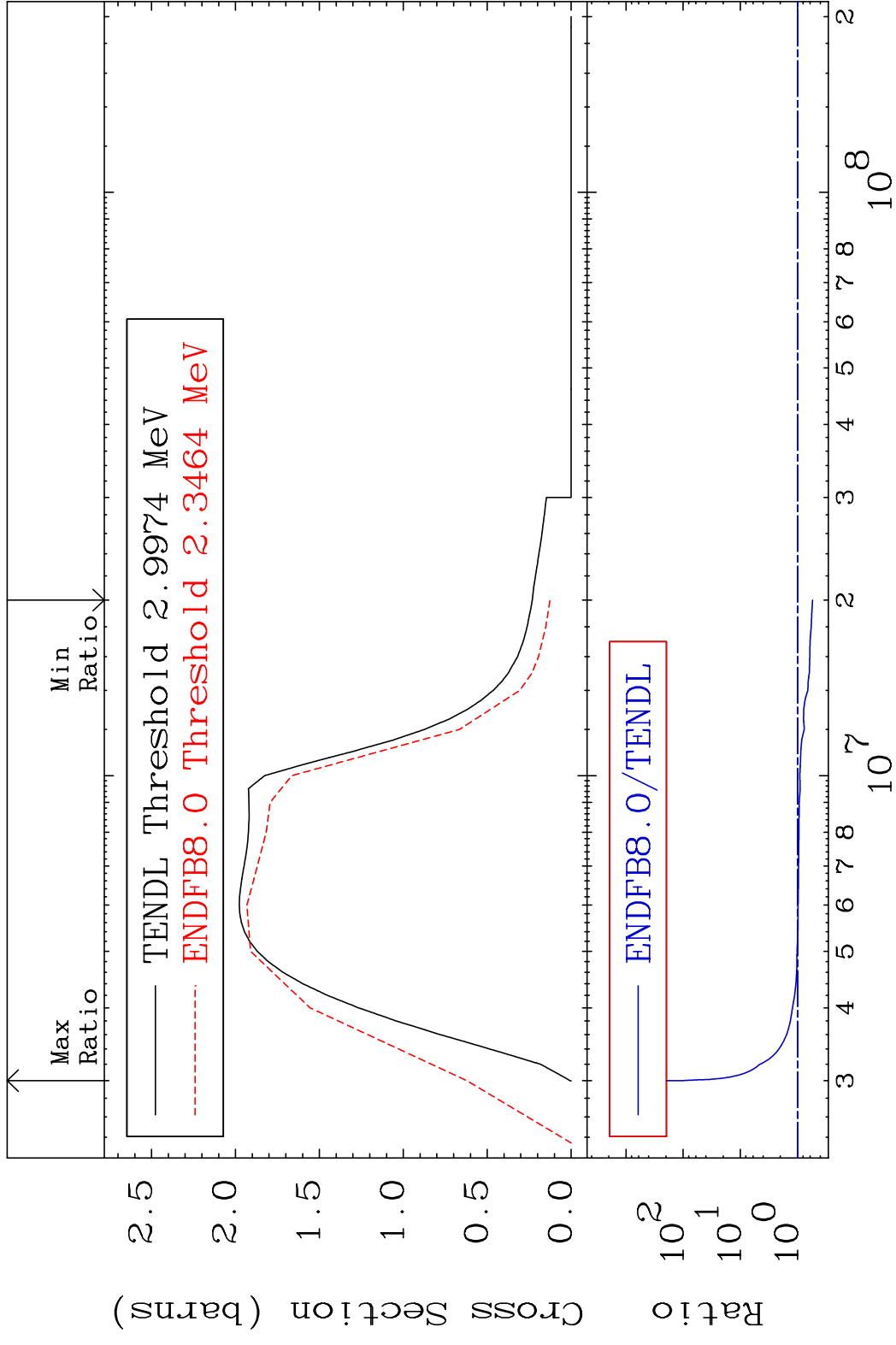


MAT 5043

(n, n') Continuum

50-Sn-118

Cross Section -45.42 To 9999. %

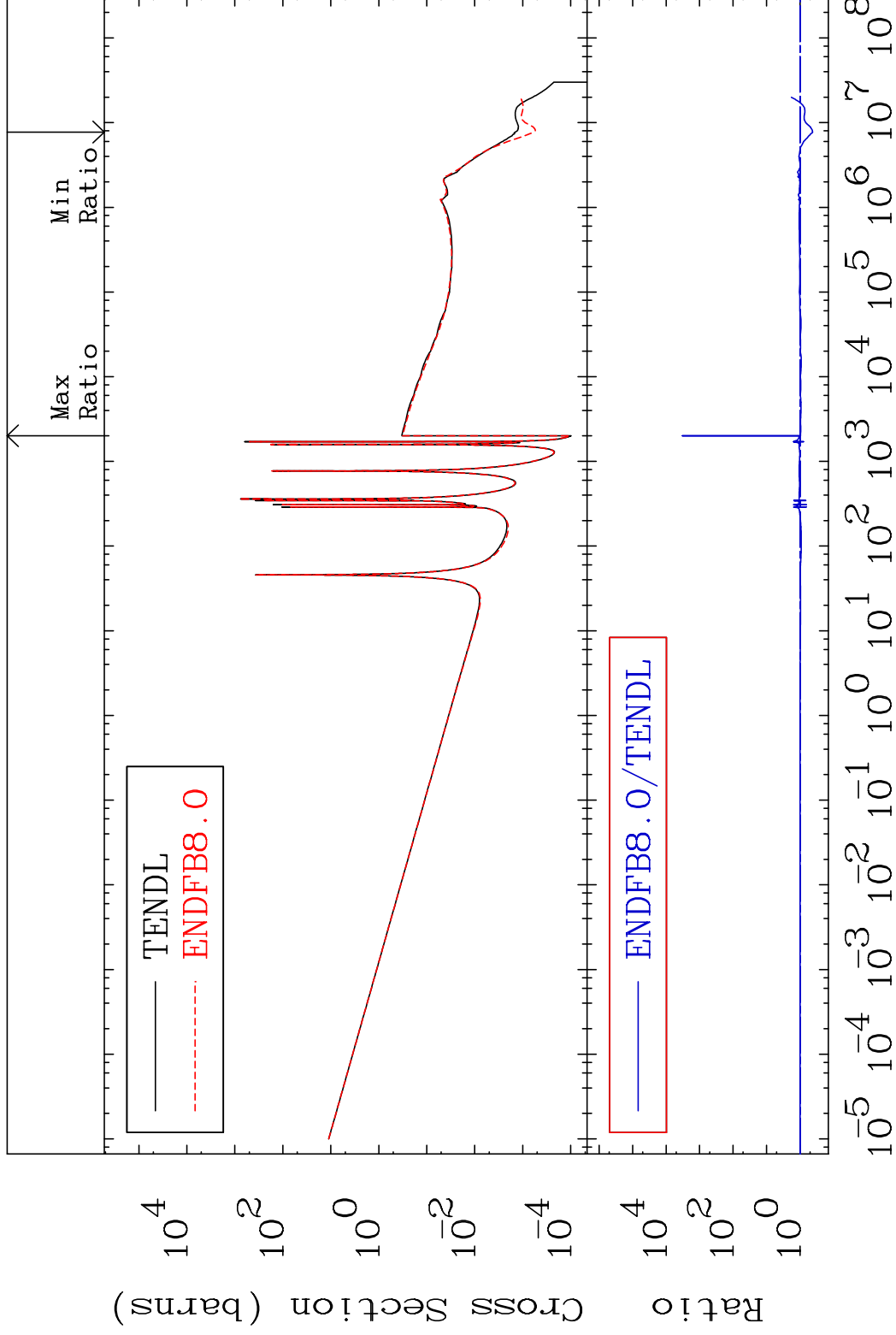


MAT 5043

(n, γ)

50-Sn-118

Cross Section -57.80 To 9999. %



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Incident Energy (eV)

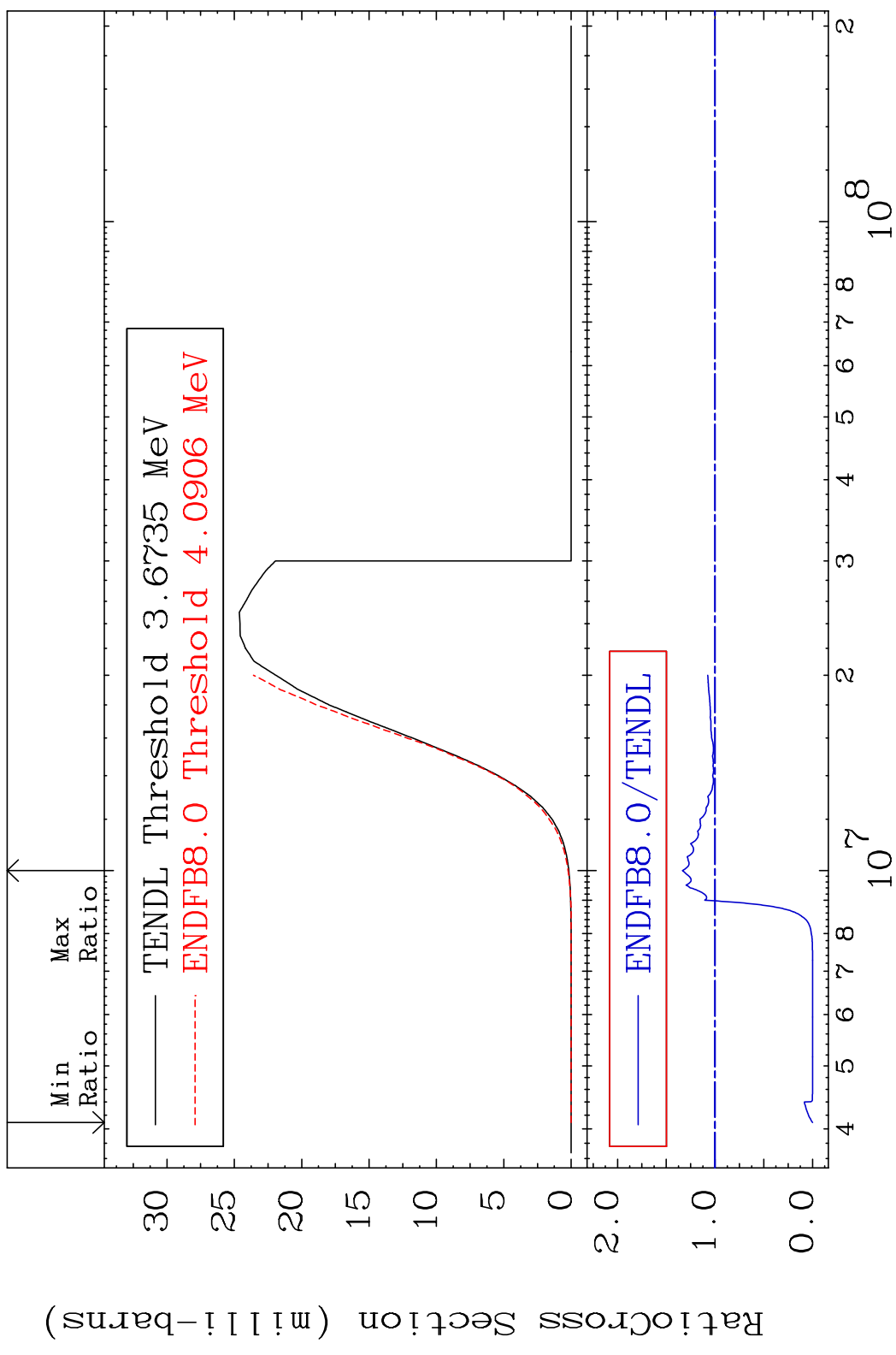
50-Sn-118

MAT 5043

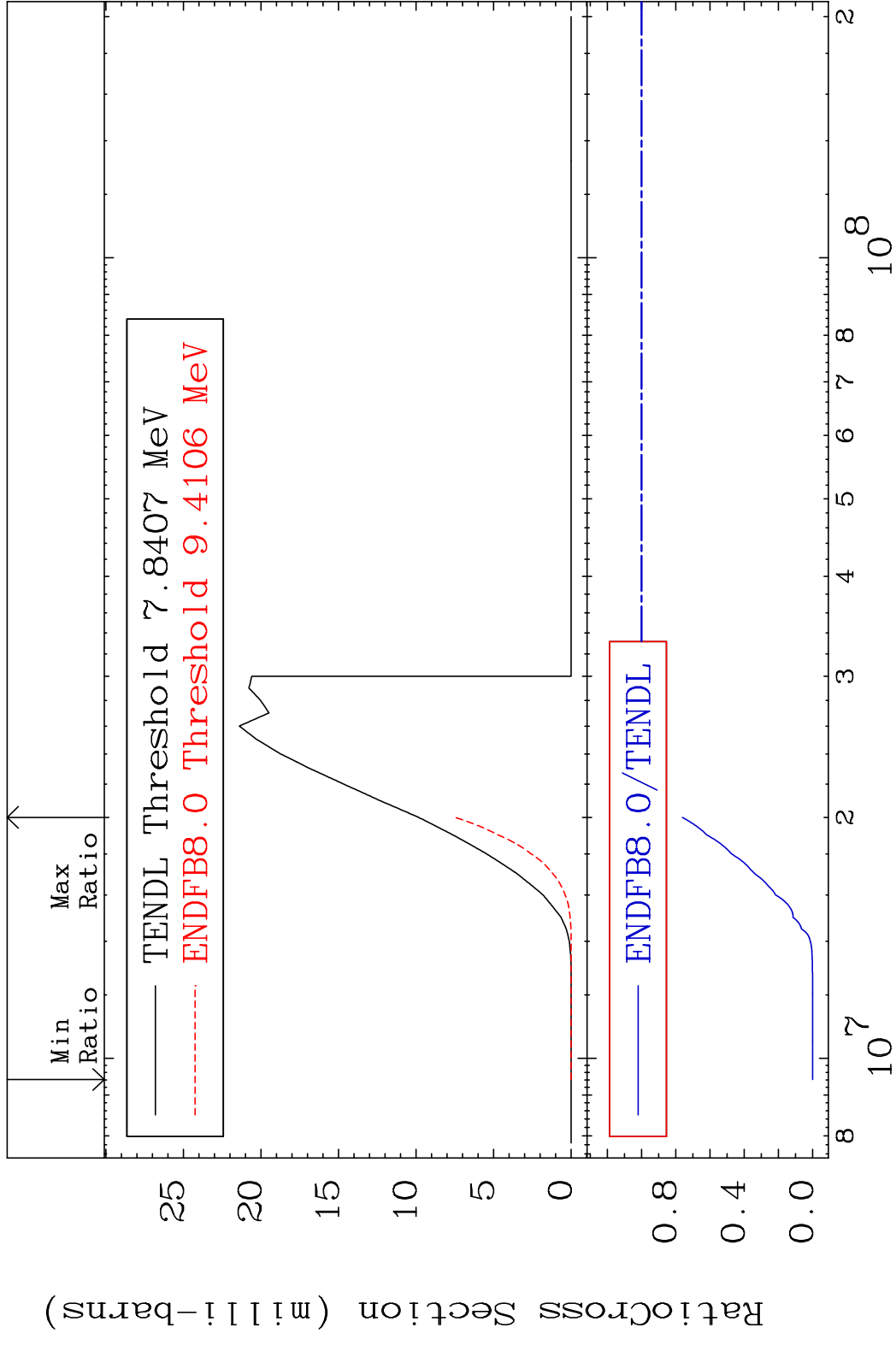
(n,p)

50-Sn-118

Cross Section -100.0 To 33.52 %



MAT 5043 (n,d) 50-Sn-118
 Cross Section -100.0 To -23.87%



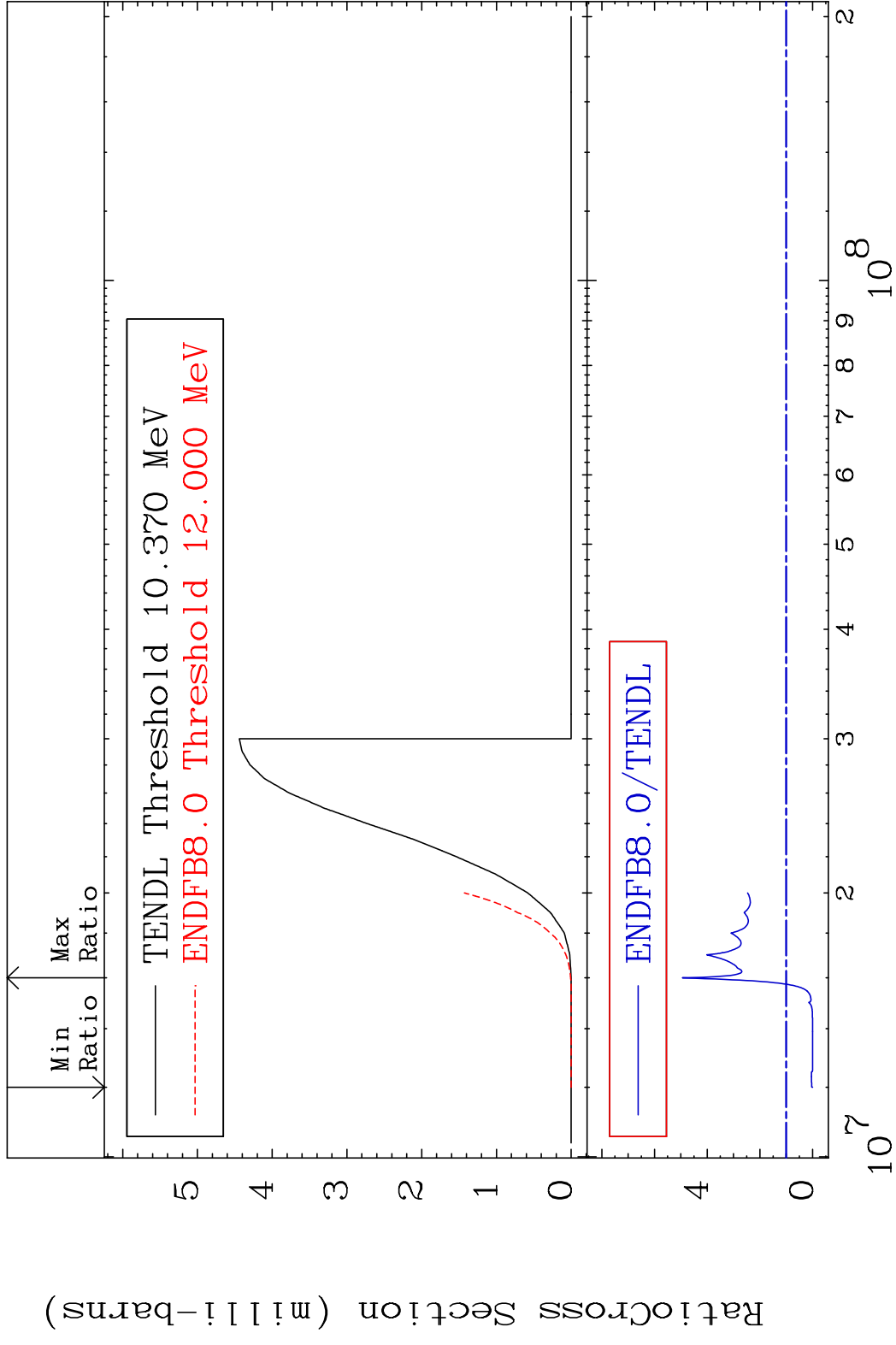
18 18 Incident Energy (eV) 50-Sn-118

MAT 5043

(n, t)

50-Sn-118

Cross Section -100.0 To 394.3 %



19

Incident Energy (eV)

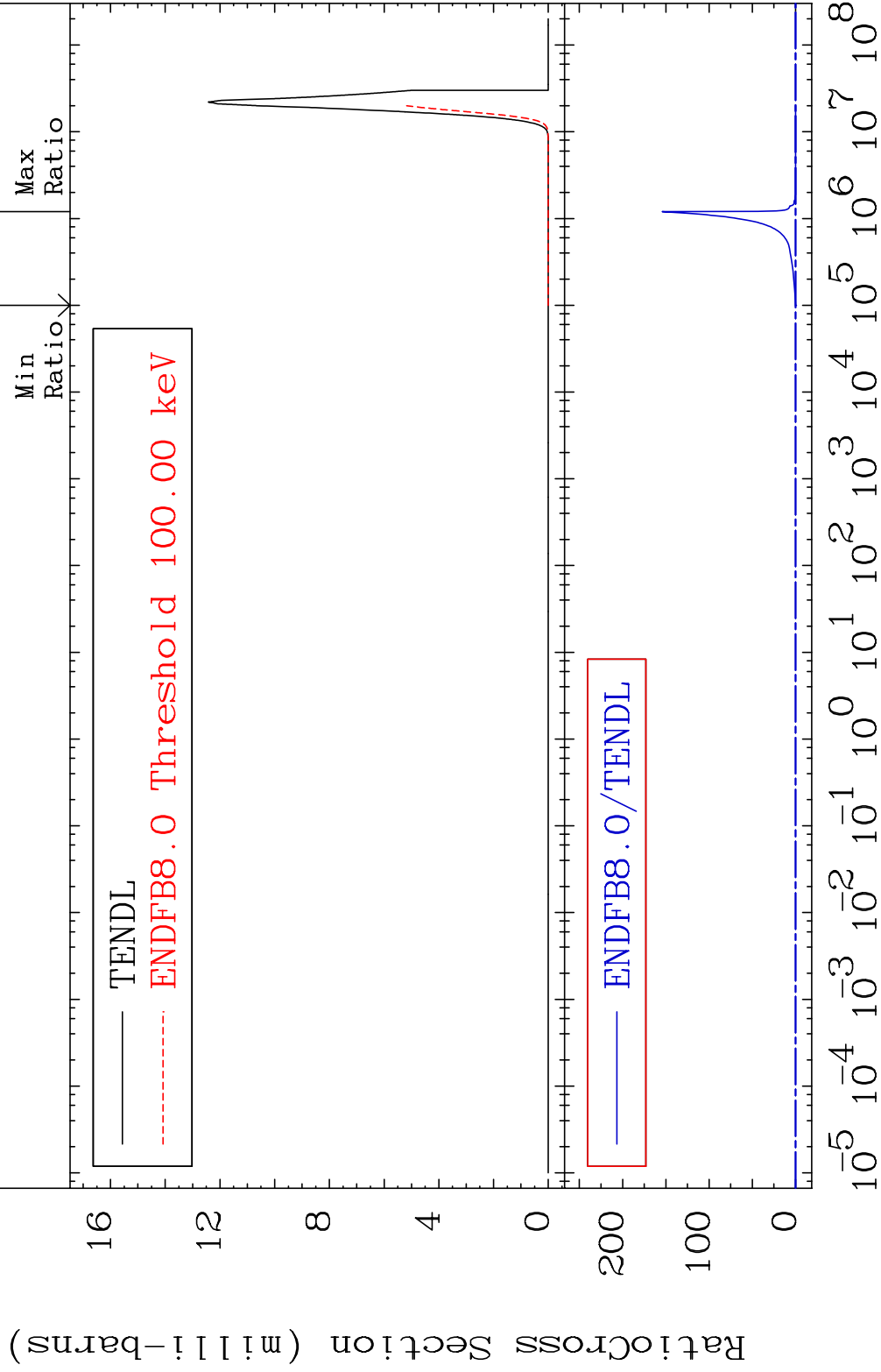
50-Sn-118

MAT 5043

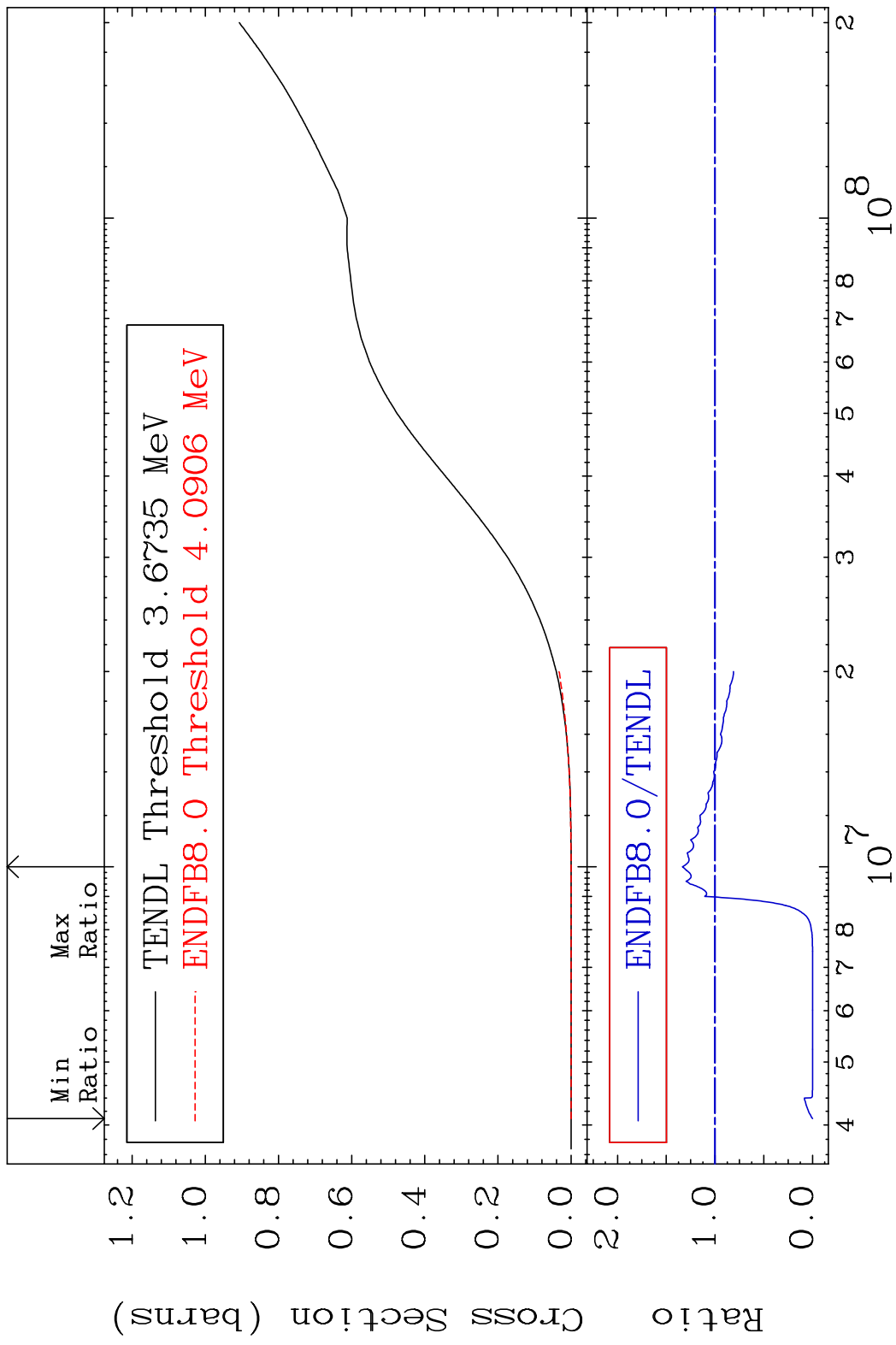
(n, α)

50-Sn-118

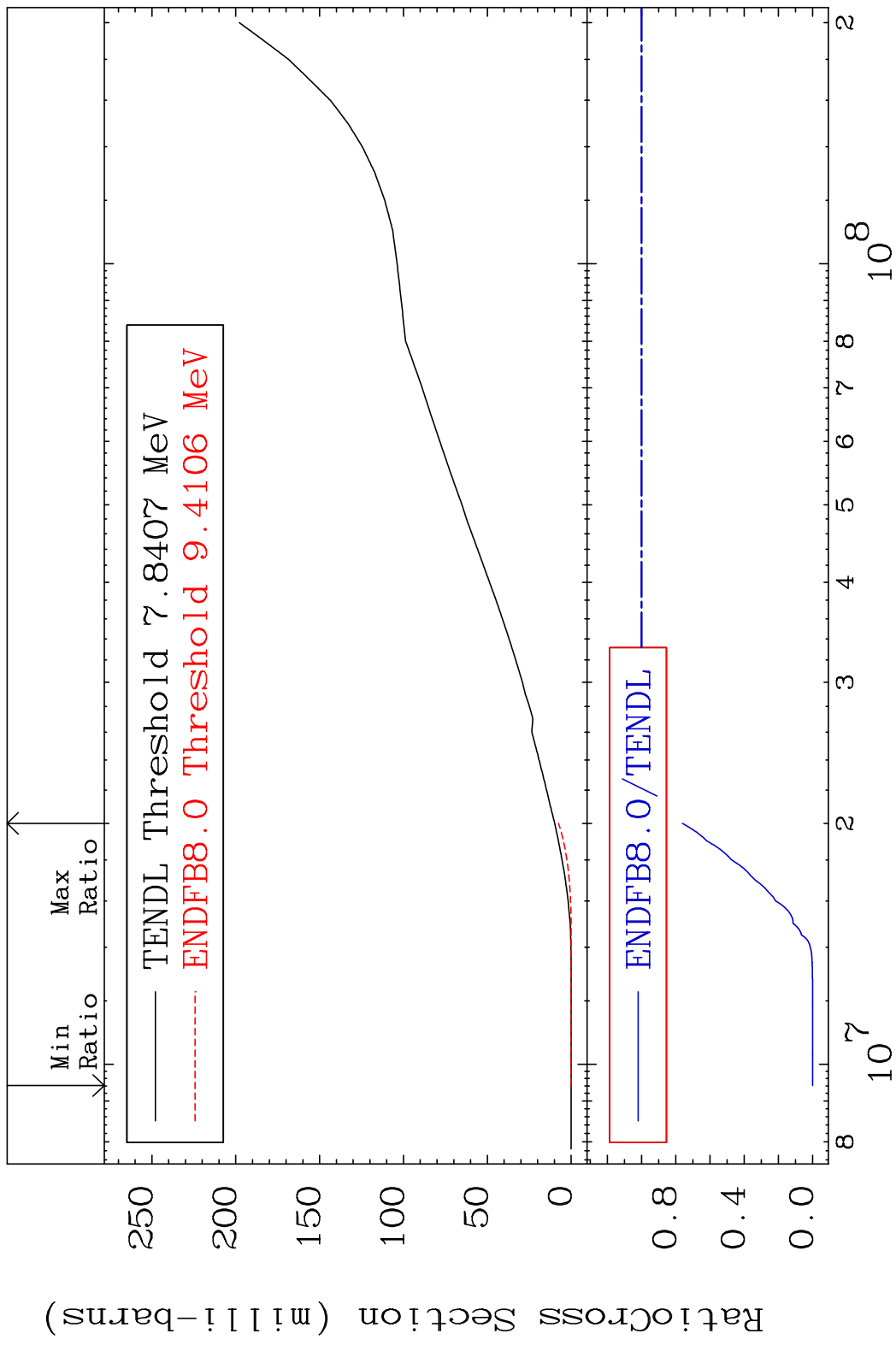
Cross Section -100.0 To 9999. %



MAT 5043 Hydrogen Production 50-Sn-118
 Cross Section -100.0 To 33.52 %

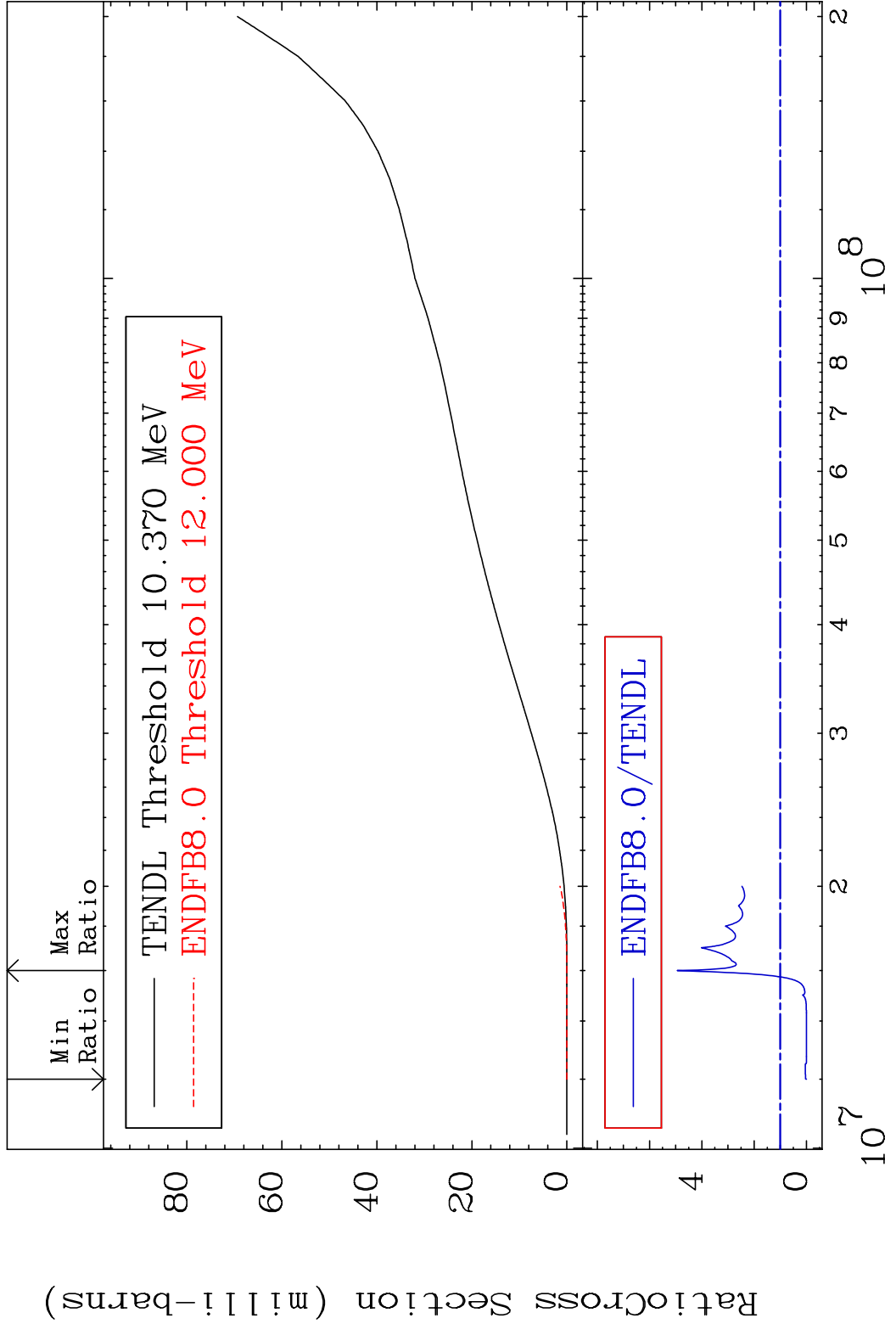


MAT 5043 Deuterium Production 50-Sn-118
 Cross Section -100.0 To -23.87%



MAT 5043

Tritium Production 50-Sn-118
Cross Section -100.0 To 394.3 %



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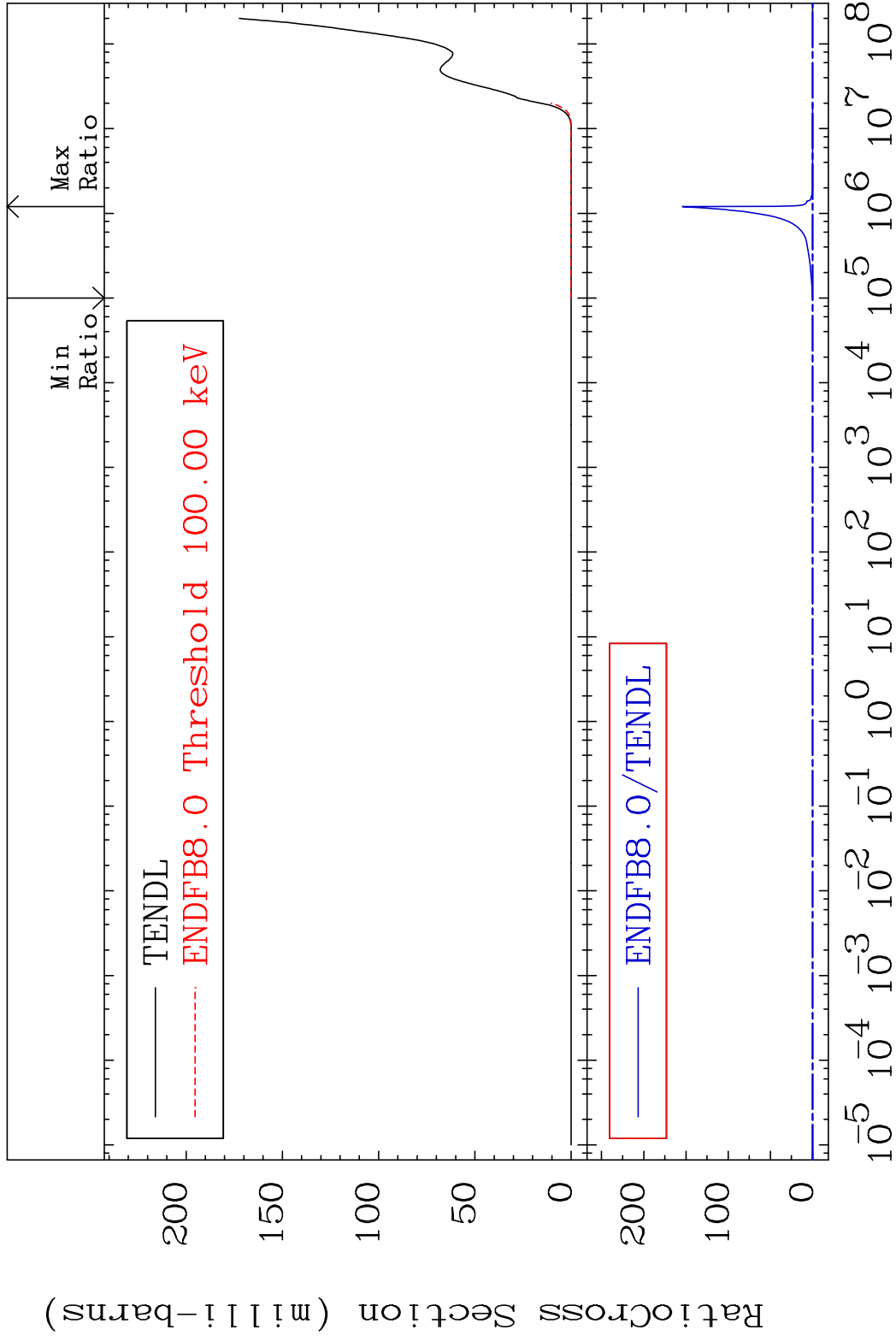
50-Sn-118

MAT 5043

He-4 Production

50-Sn-118

Cross Section -100.0 To 9999. %

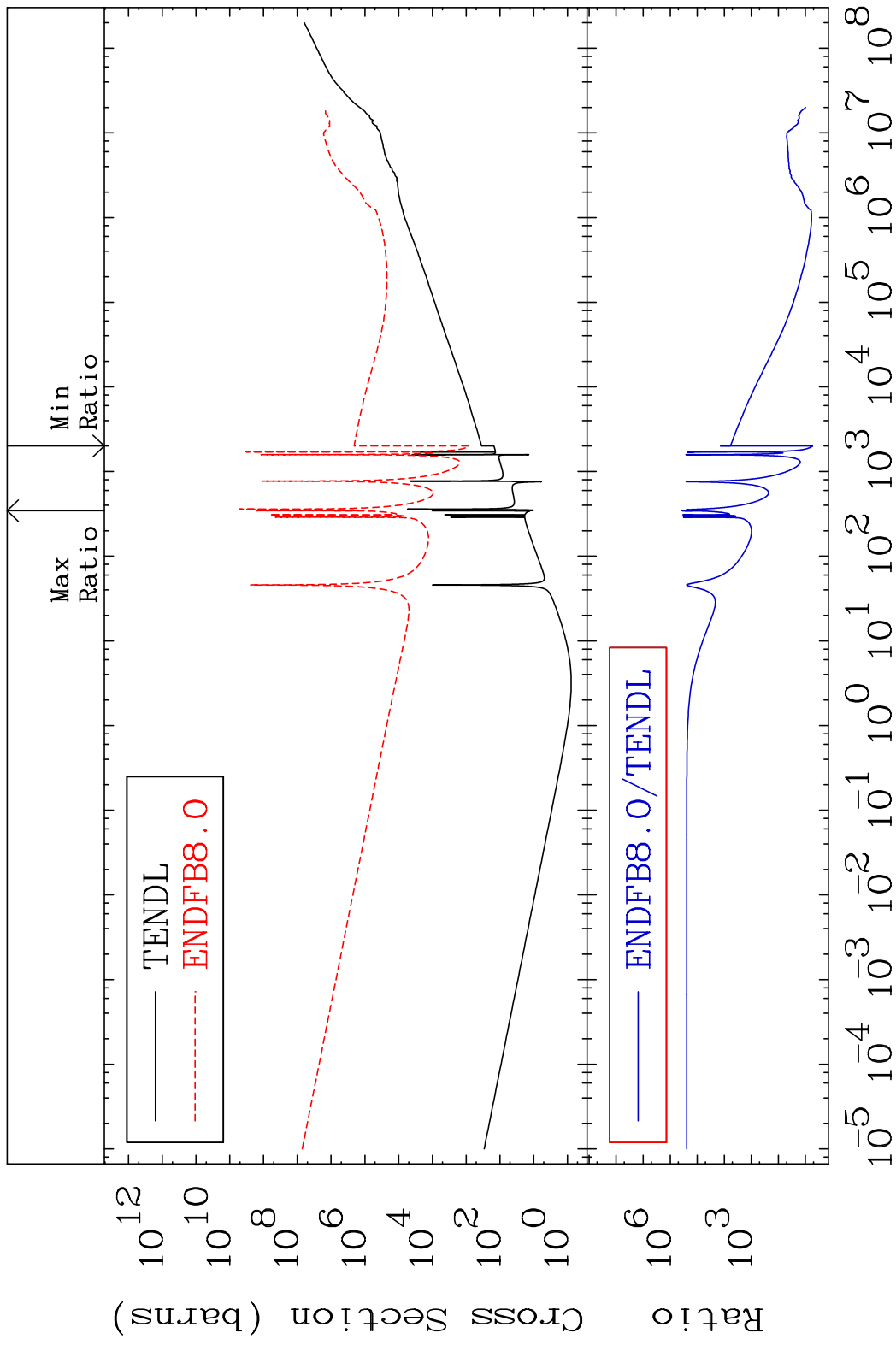


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Incident Energy (eV)

50-Sn-118

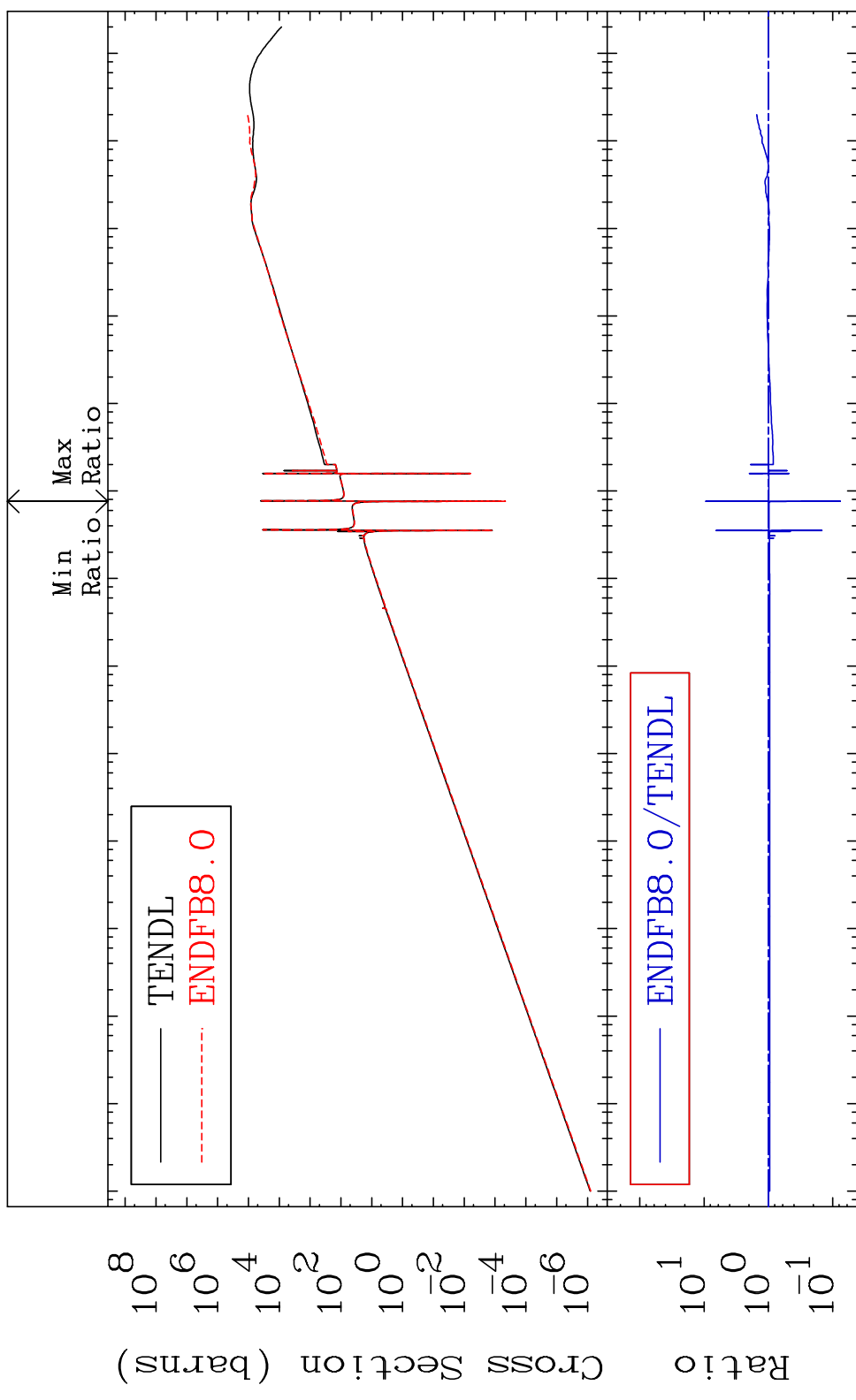
MAT 5043 Kerma total (eV-barns) 50-Sn-118
 Cross Section 444.1 To 9999. %



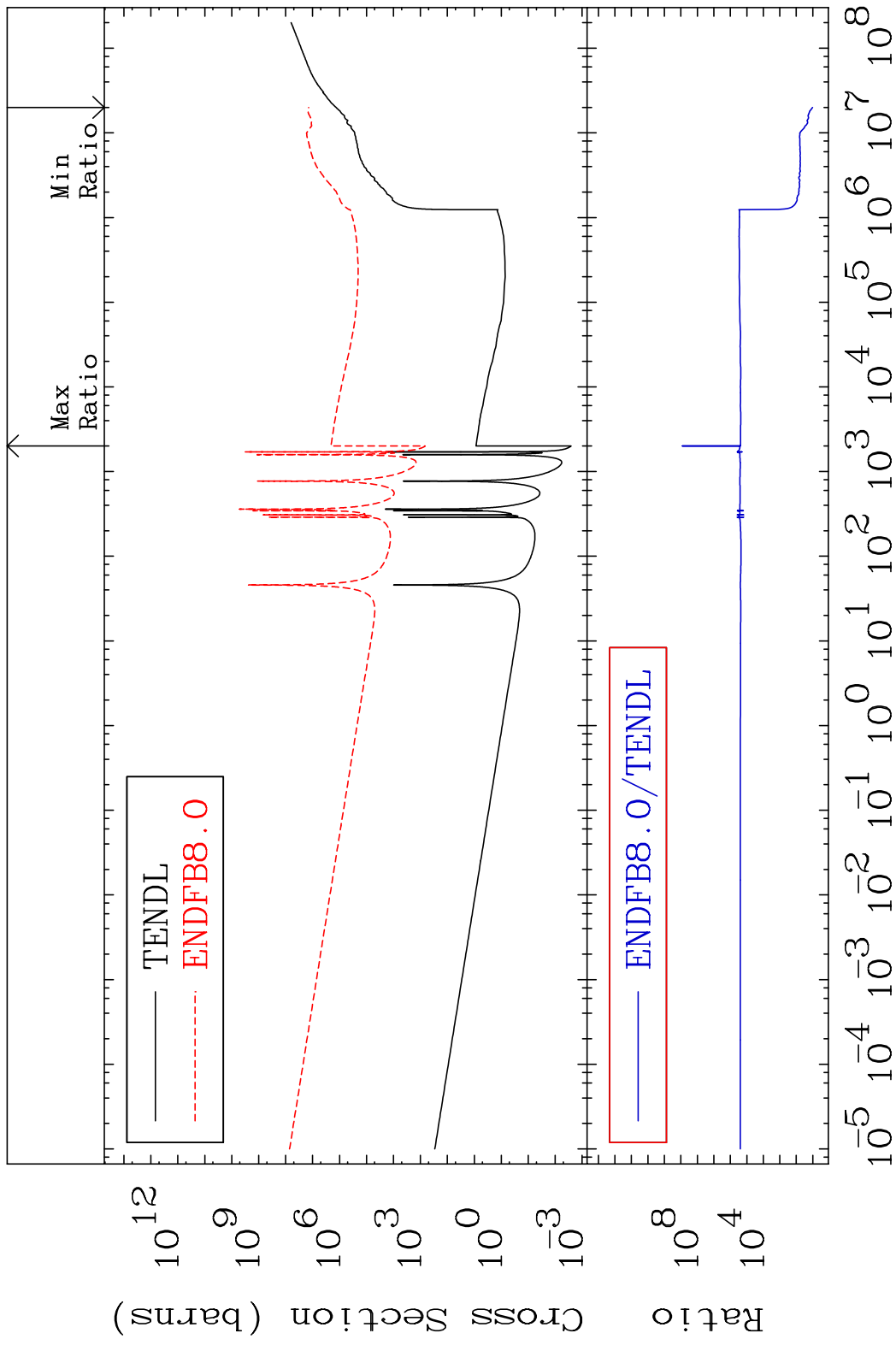
MAT 5043

Kerma elastic Cross Section -92.41 To 842.5 %

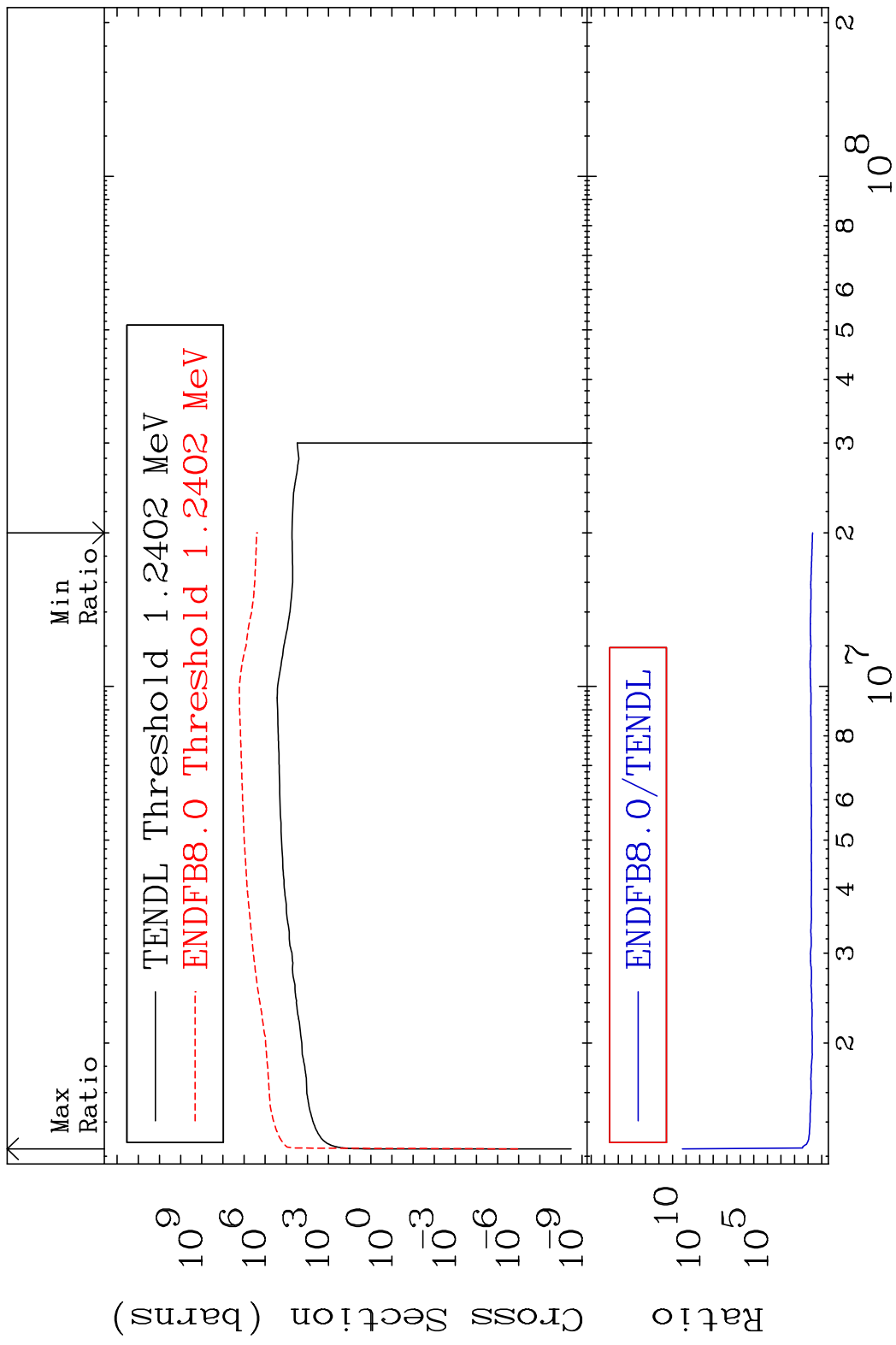
50-Sn-118



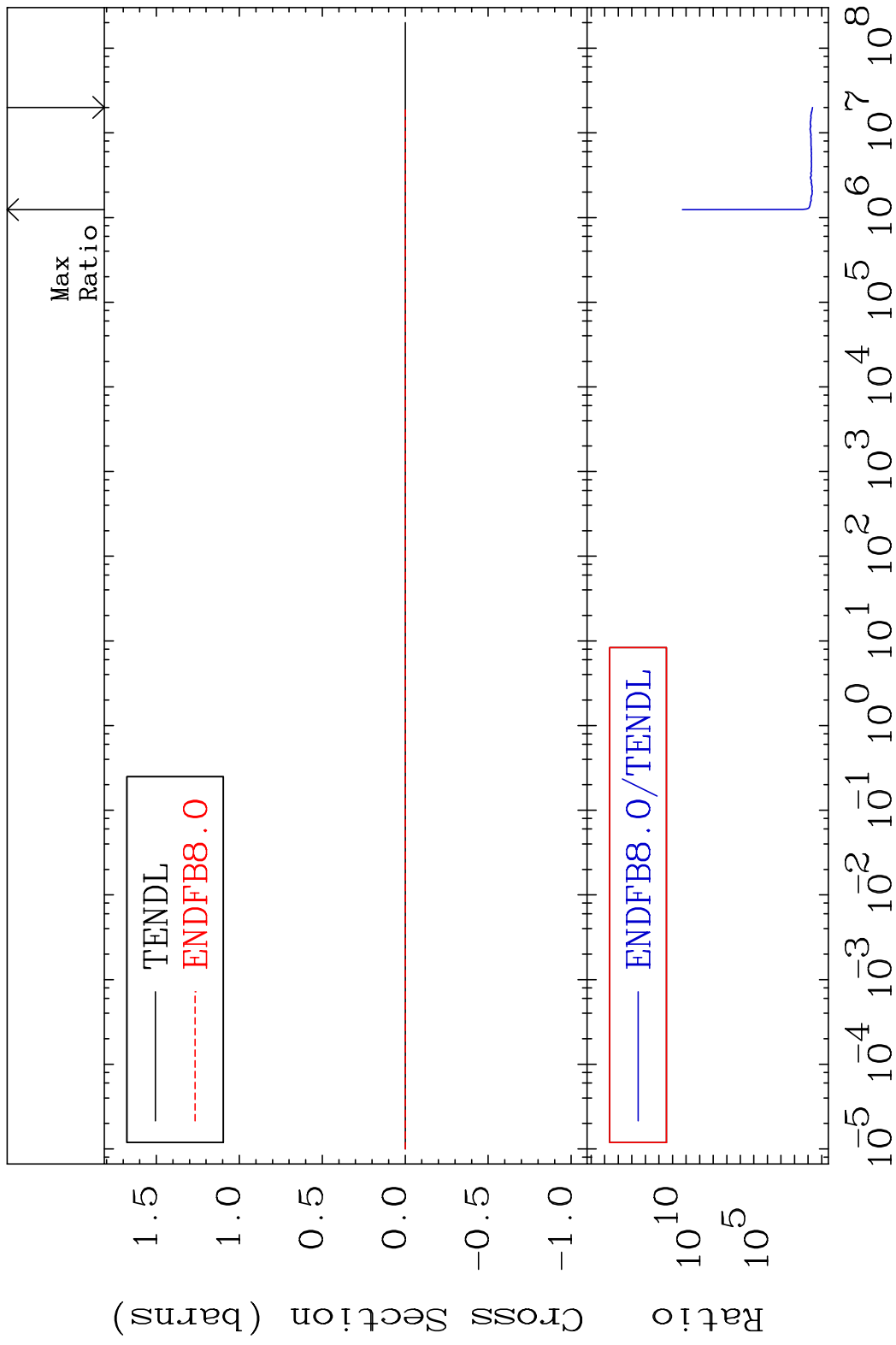
MAT 5043 Kerma non-elastic (all but mt2) 50-Sn-118
 Cross Section 932.6 To 9999. %



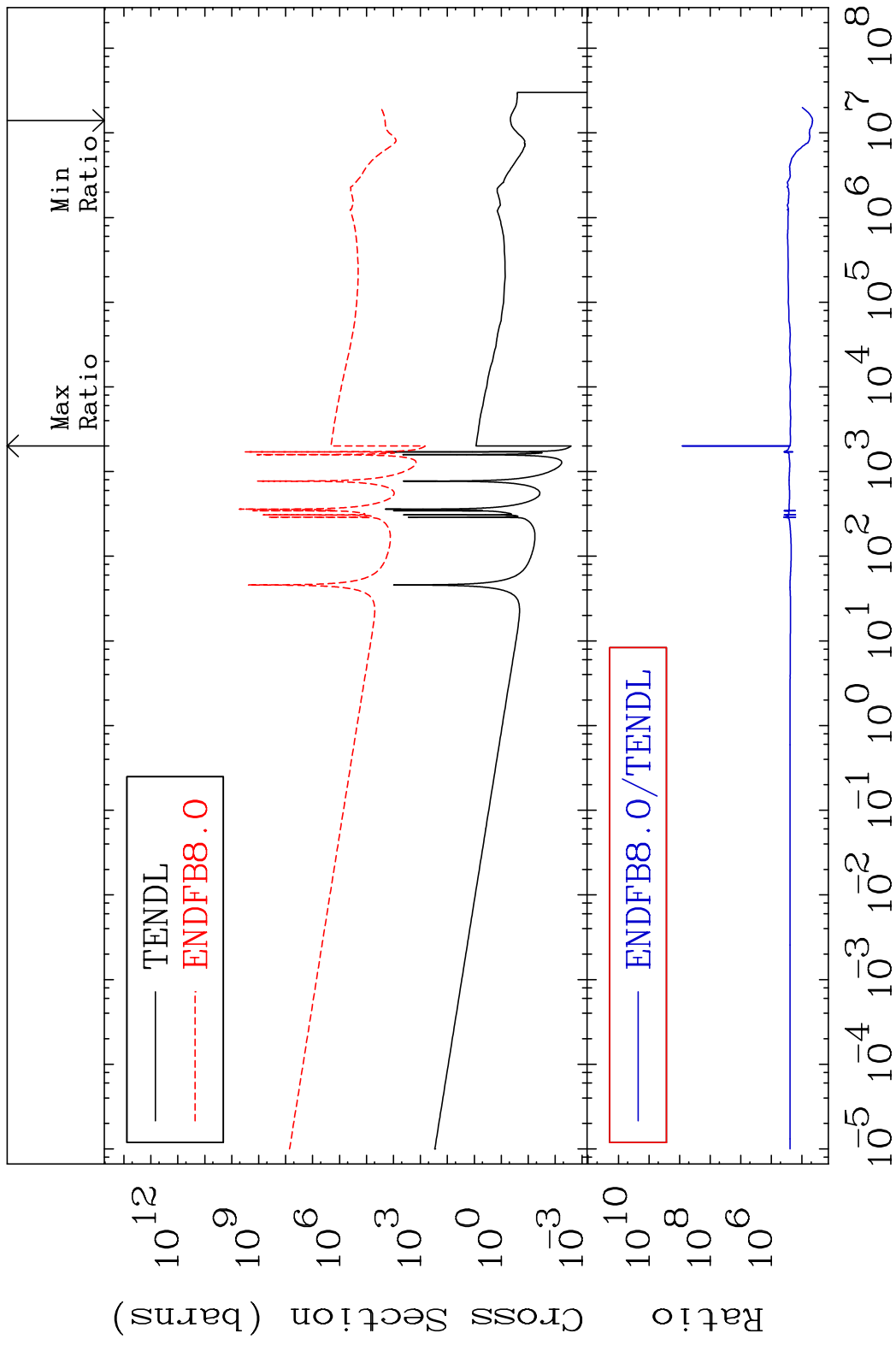
MAT 5043 Kerma inelastic (mt51-91) 50-Sn-118
 Cross Section 4609. To 9999. %



MAT 5043 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-118
 Cross Section 4609. To 9999. %

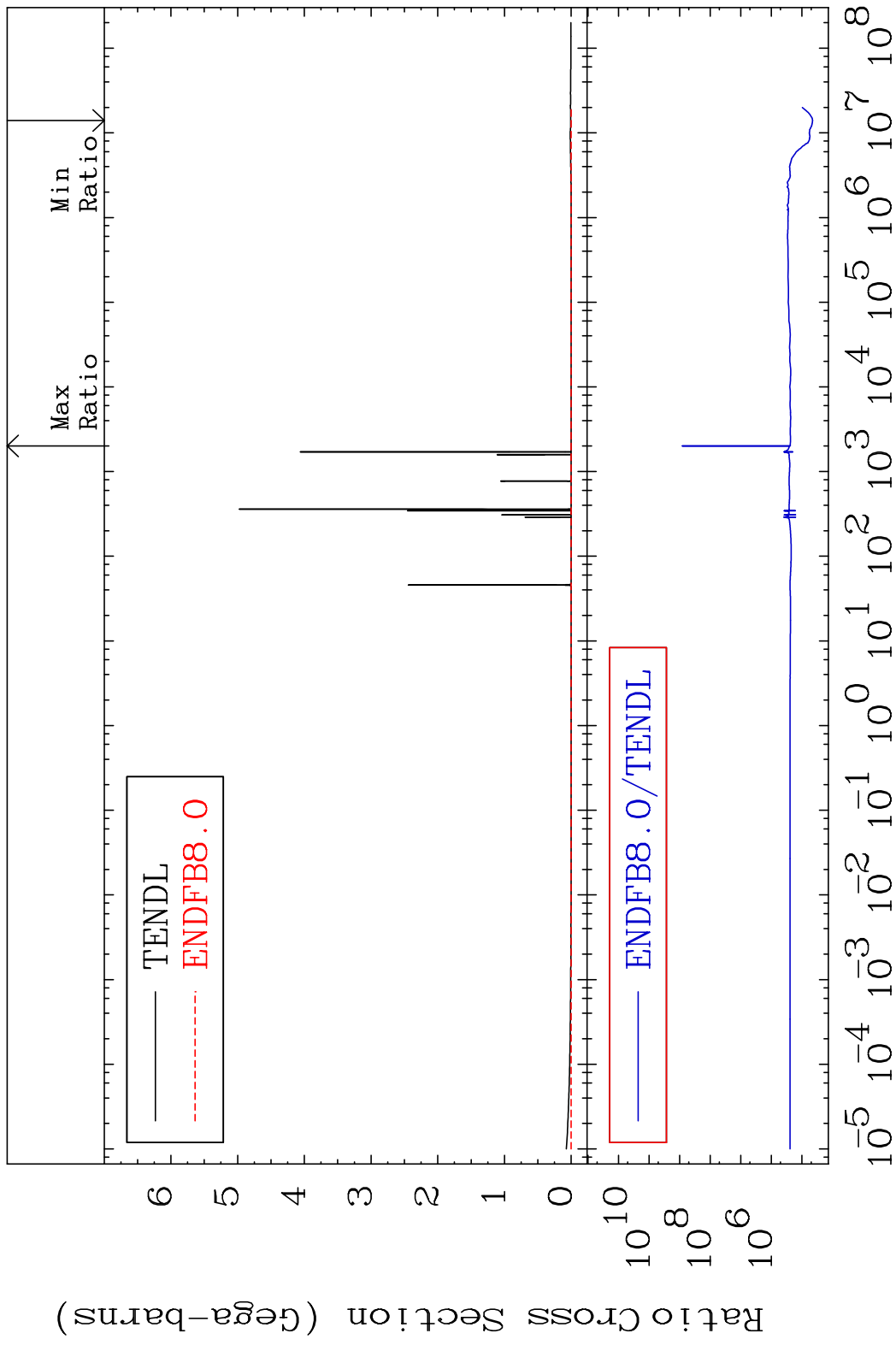


MAT 5043 Kerma capture (mt102) 50-Sn-118
 Cross Section 9999. To 9999. %



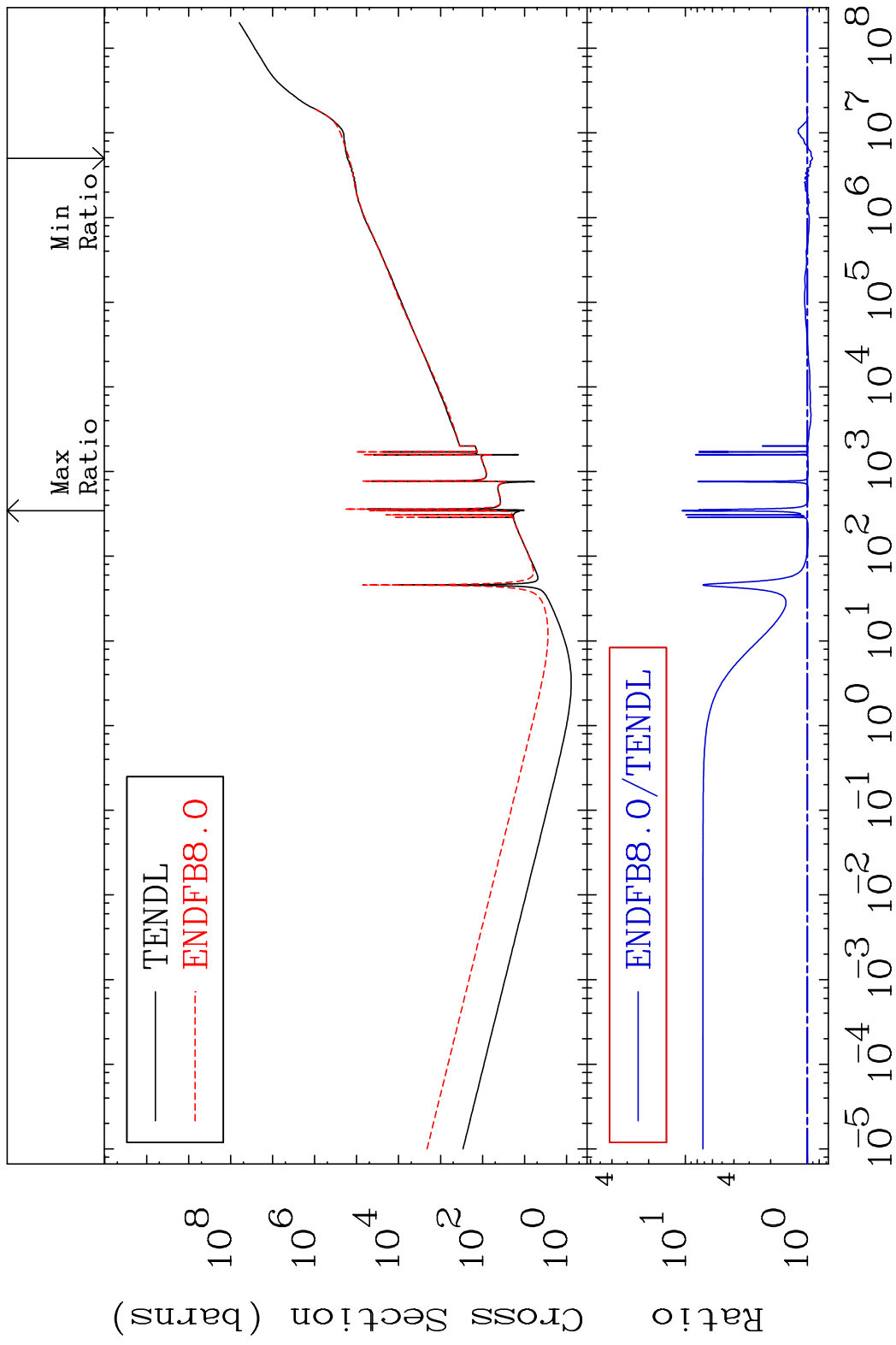
30 Incident Energy (eV) 50-Sn-118

MAT 5043 Total photon (eV-barns) 50-Sn-118
 Cross Section 9999. To 9999. %

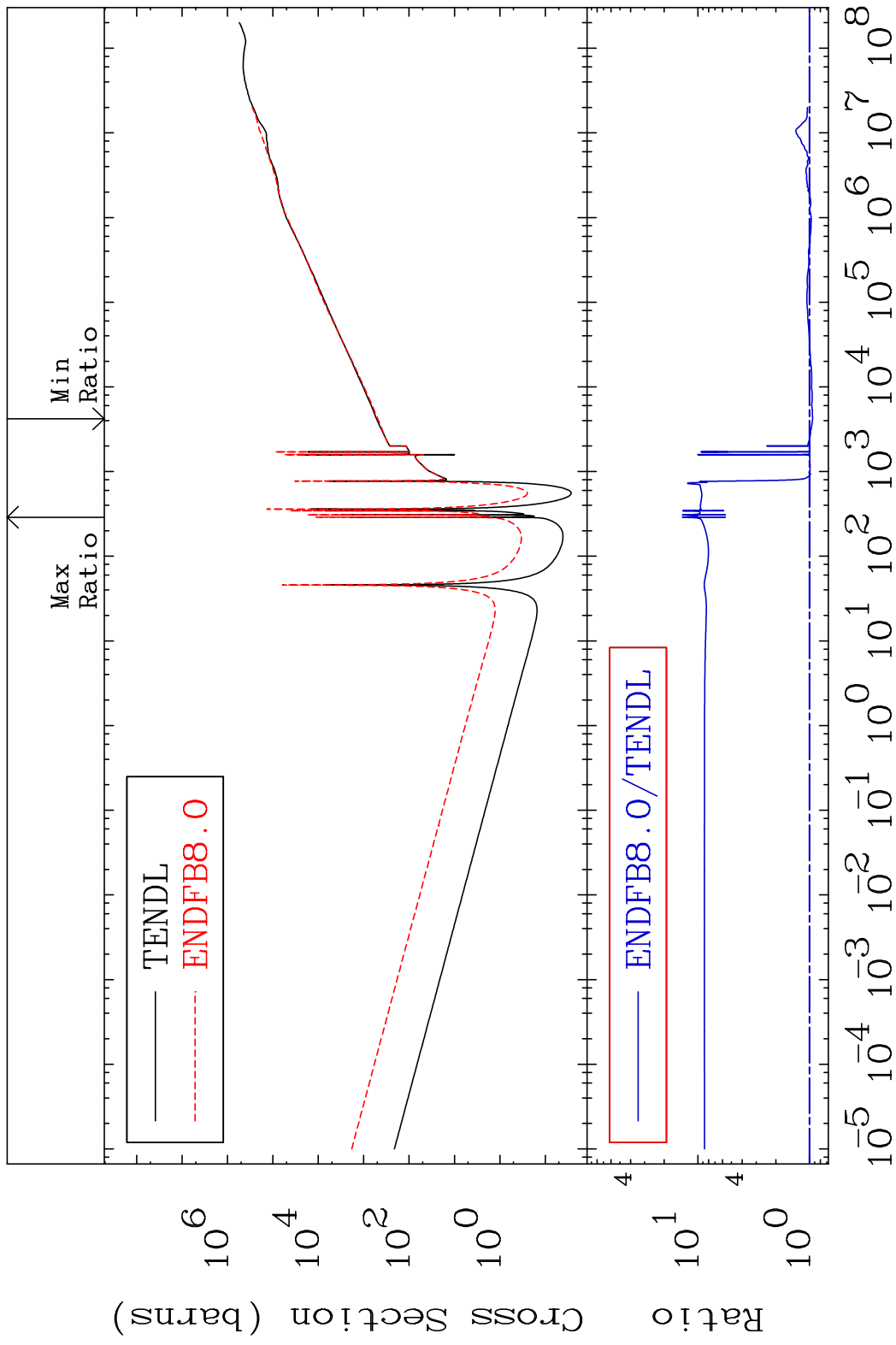


31 Incident Energy (eV) 50-Sn-118

MAT 5043 Total kinematic kerma (high limit) 50-Sn-118
 Cross Section -9.389 To 959.4 %



MAT 5043 Dpa total (eV-barns) 50-Sn-118
 Cross Section -6.227 To 1276. %



33 Incident Energy (eV) 50-Sn-118

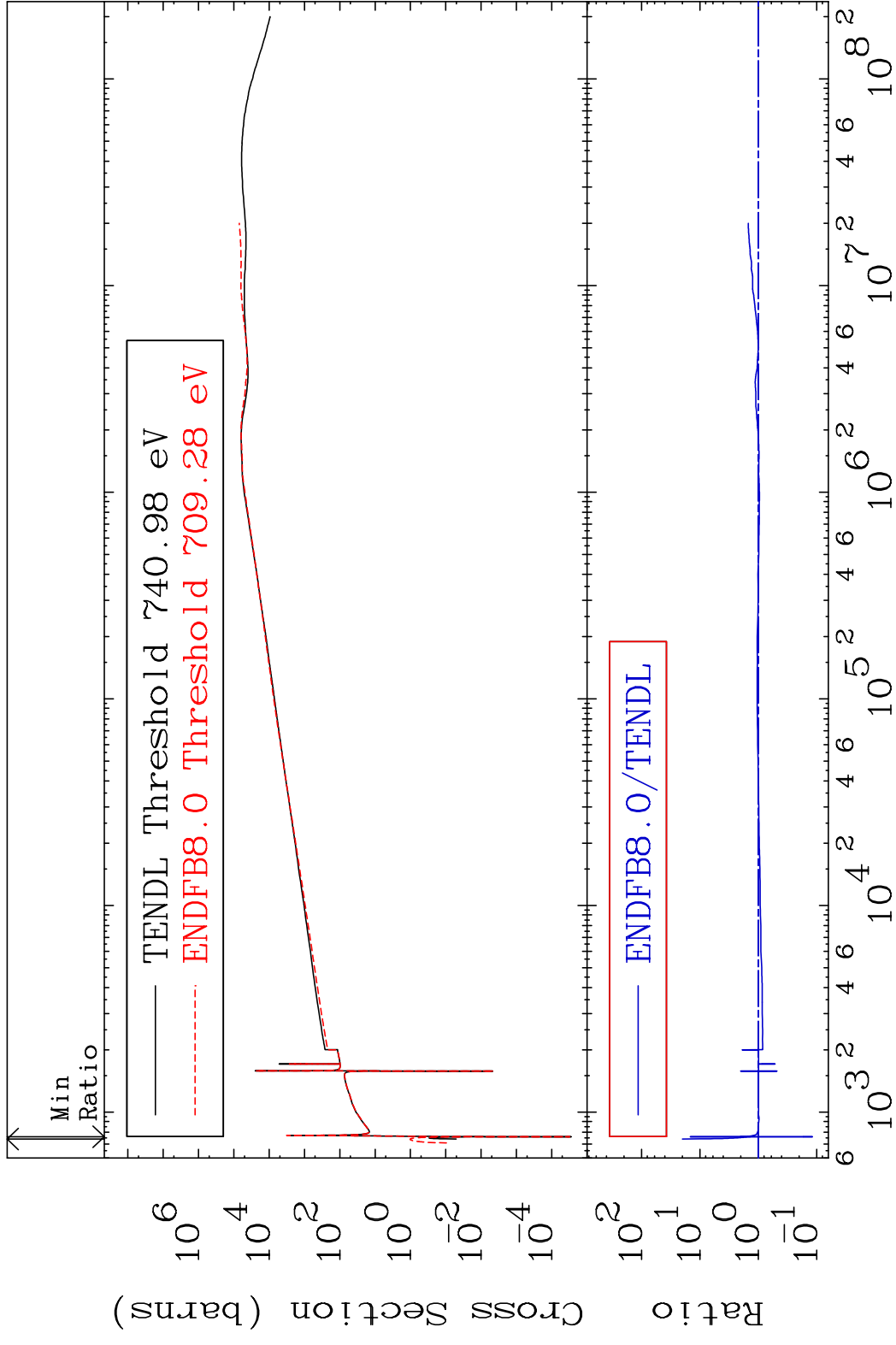
MAT 5043

Dpa elastic (mt2)

50-Sn-118

Cross Section

-88.24 To 1903. %

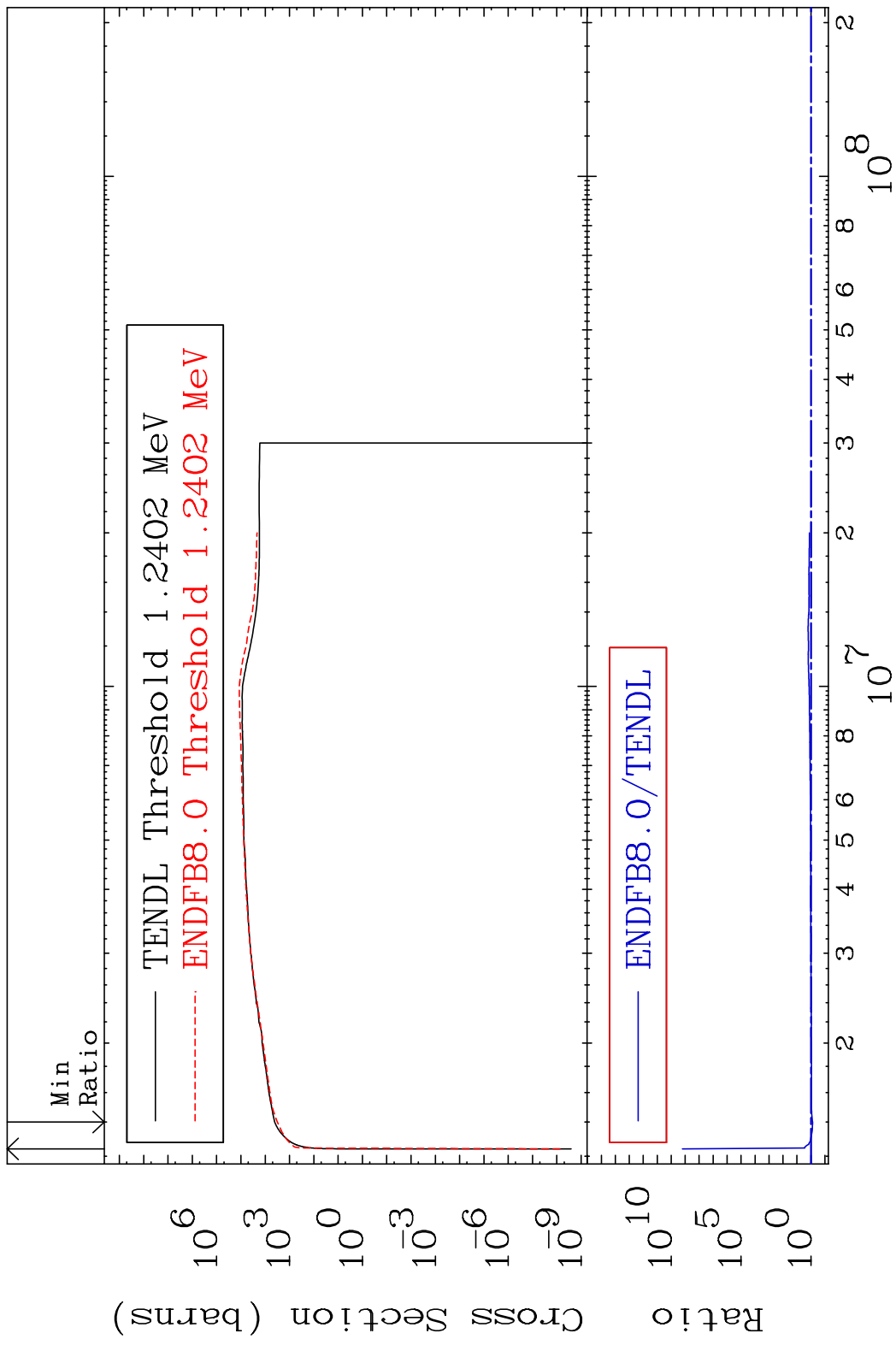


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Incident Energy (eV)

50-Sn-118

MAT 5043 Dpa inelastic (mt51-91) 50-Sn-118
 Cross Section -23.47 To 9999. %



MAT 5043 Dpa disappearance (mt102 -120) 50-Sn-118
 Cross Section -4.267 To 9999. %

