

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

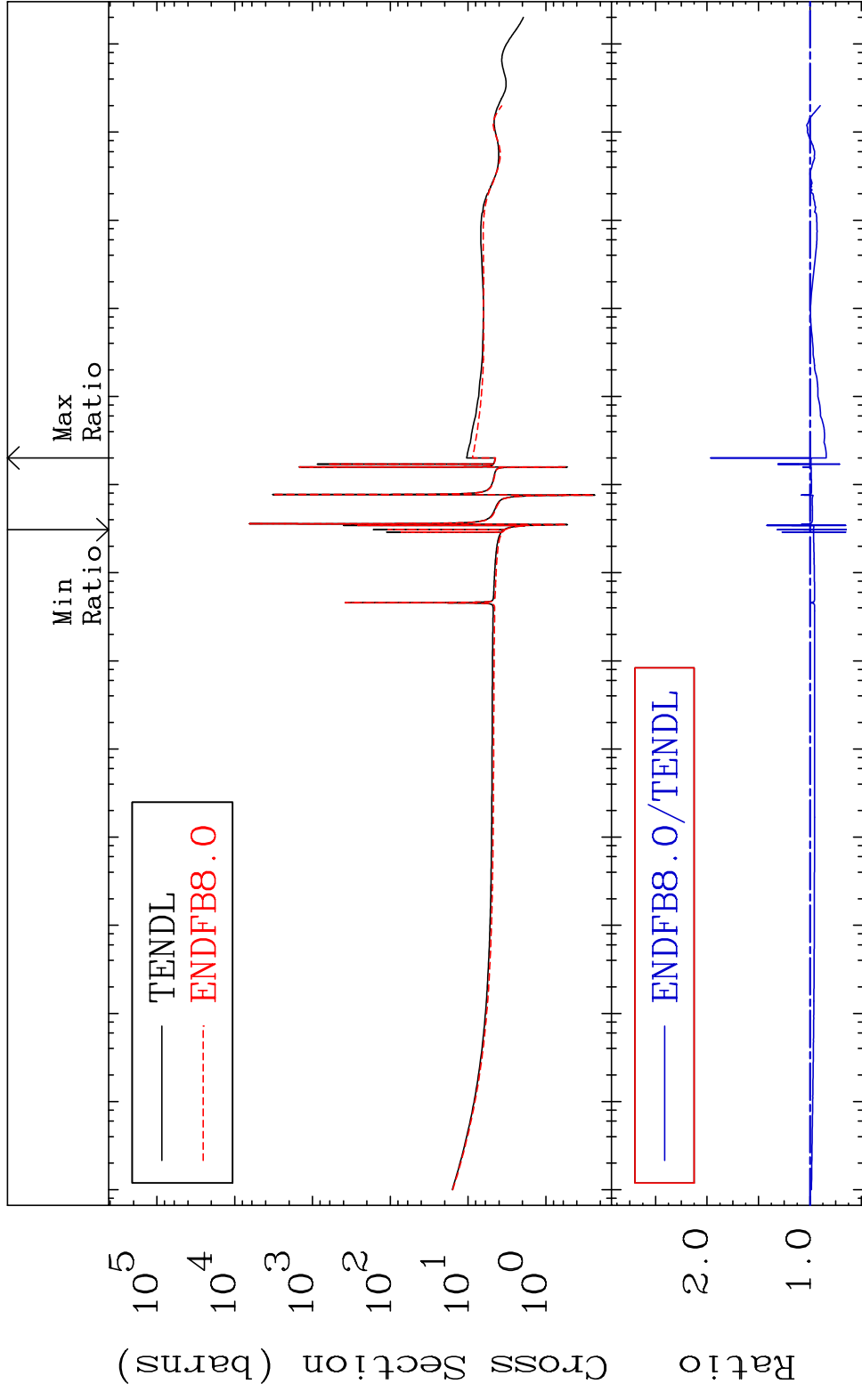
MAT 5043

Total

50-Sn-118

Cross Section

-35.33 To 96.43 %



1

Incident Energy (eV)

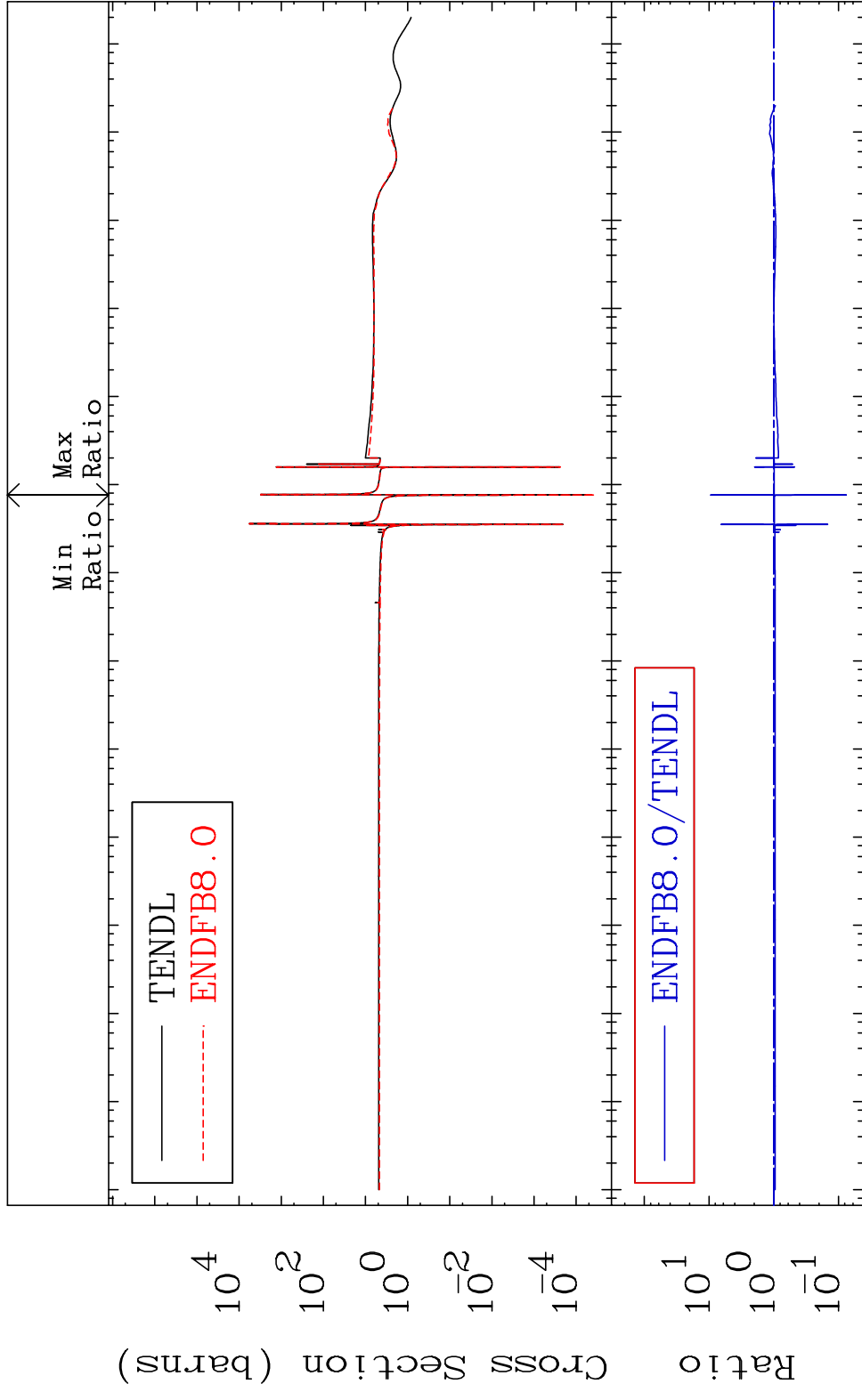
50-Sn-118

MAT 5043

Elastic

50-Sn-118

Cross Section -92.41 To 842.2 %

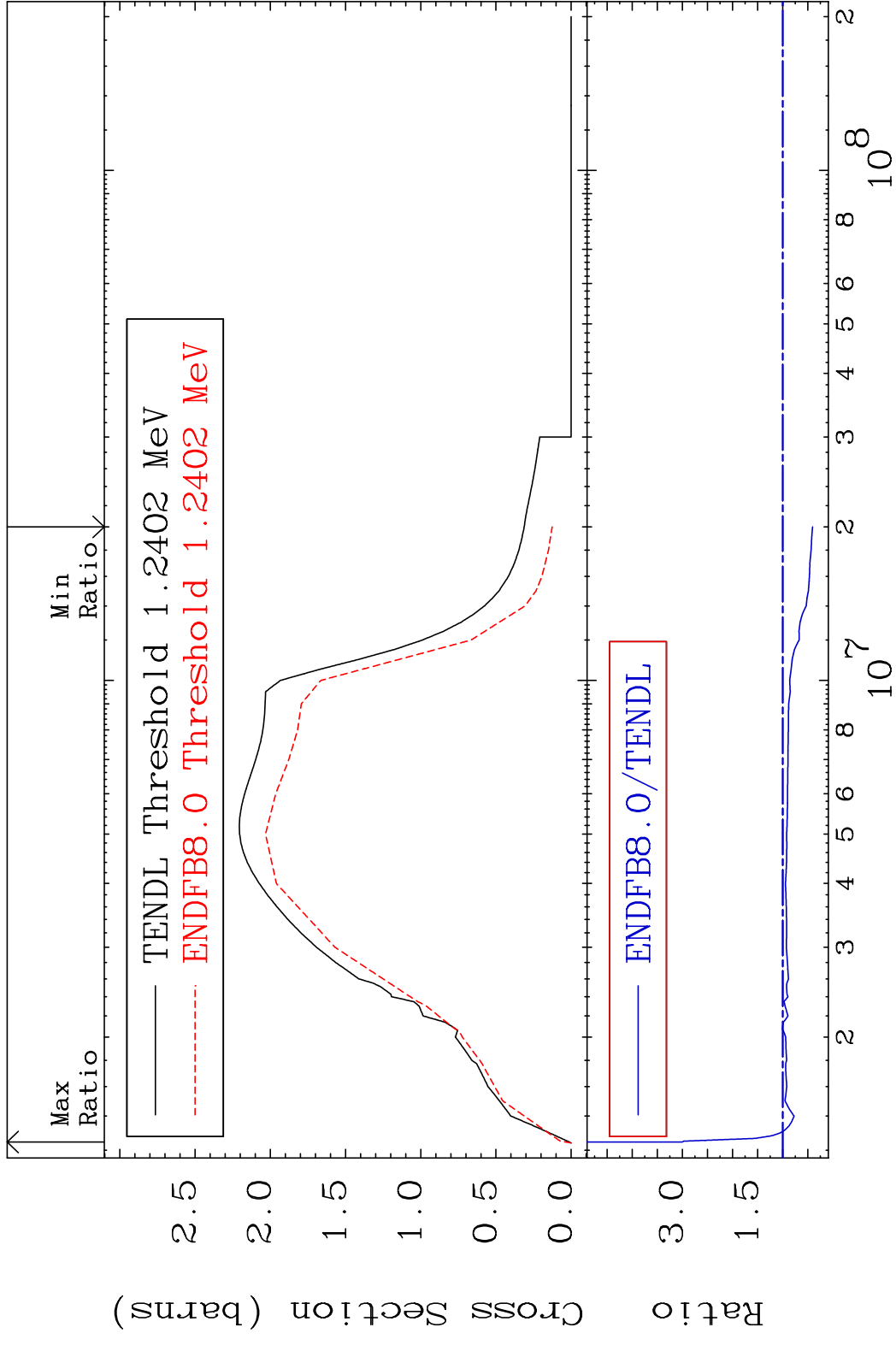


2

Incident Energy (eV)

50-Sn-118

MAT 5043 Inelastic 50-Sn-118
 Cross Section -59.49 To 200.0 %



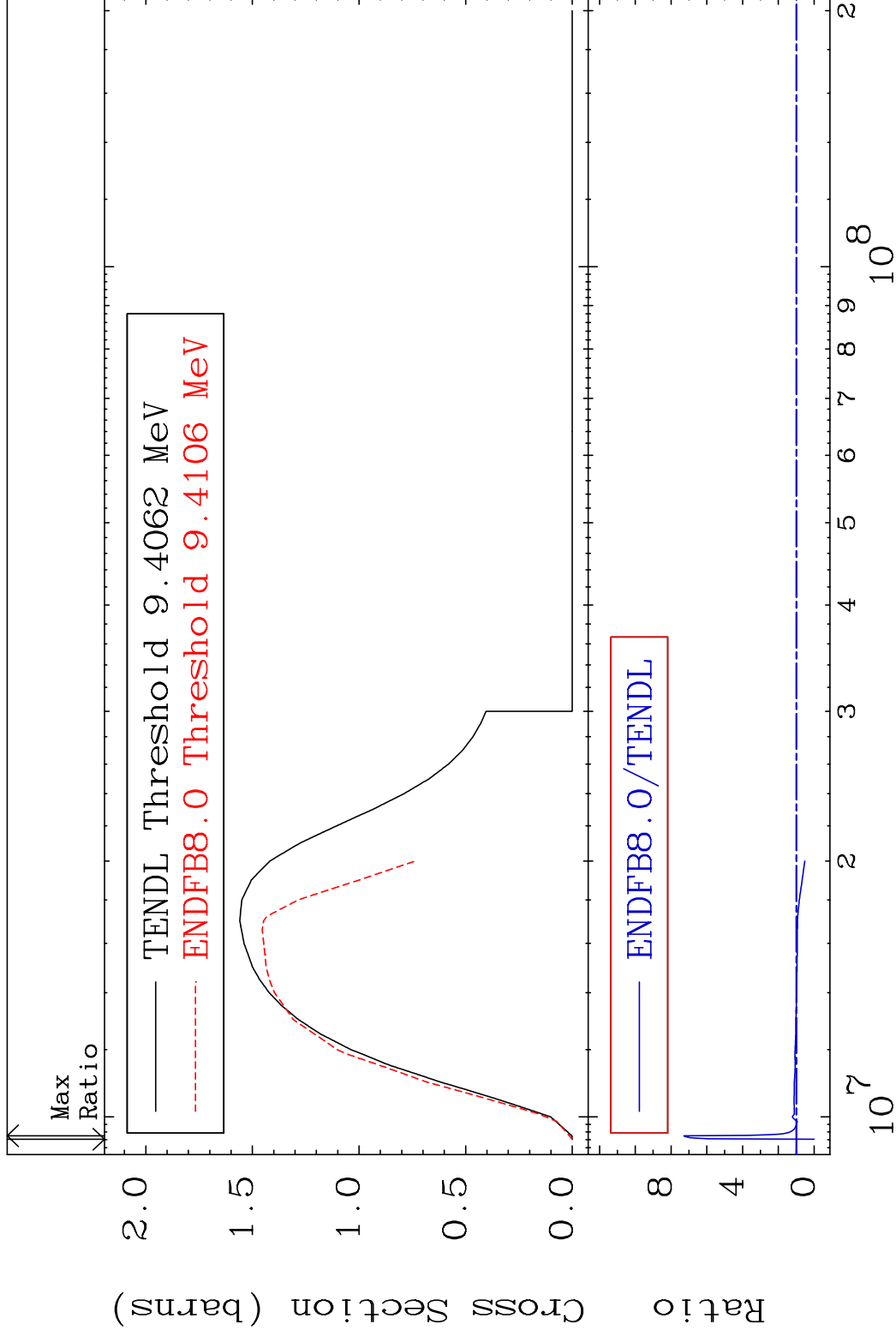
3 Incident Energy (eV) 50-Sn-118

MAT 5043

(n,2n)

50-Sn-118

Cross Section -100.0 To 629.5 %



4

Incident Energy (eV)

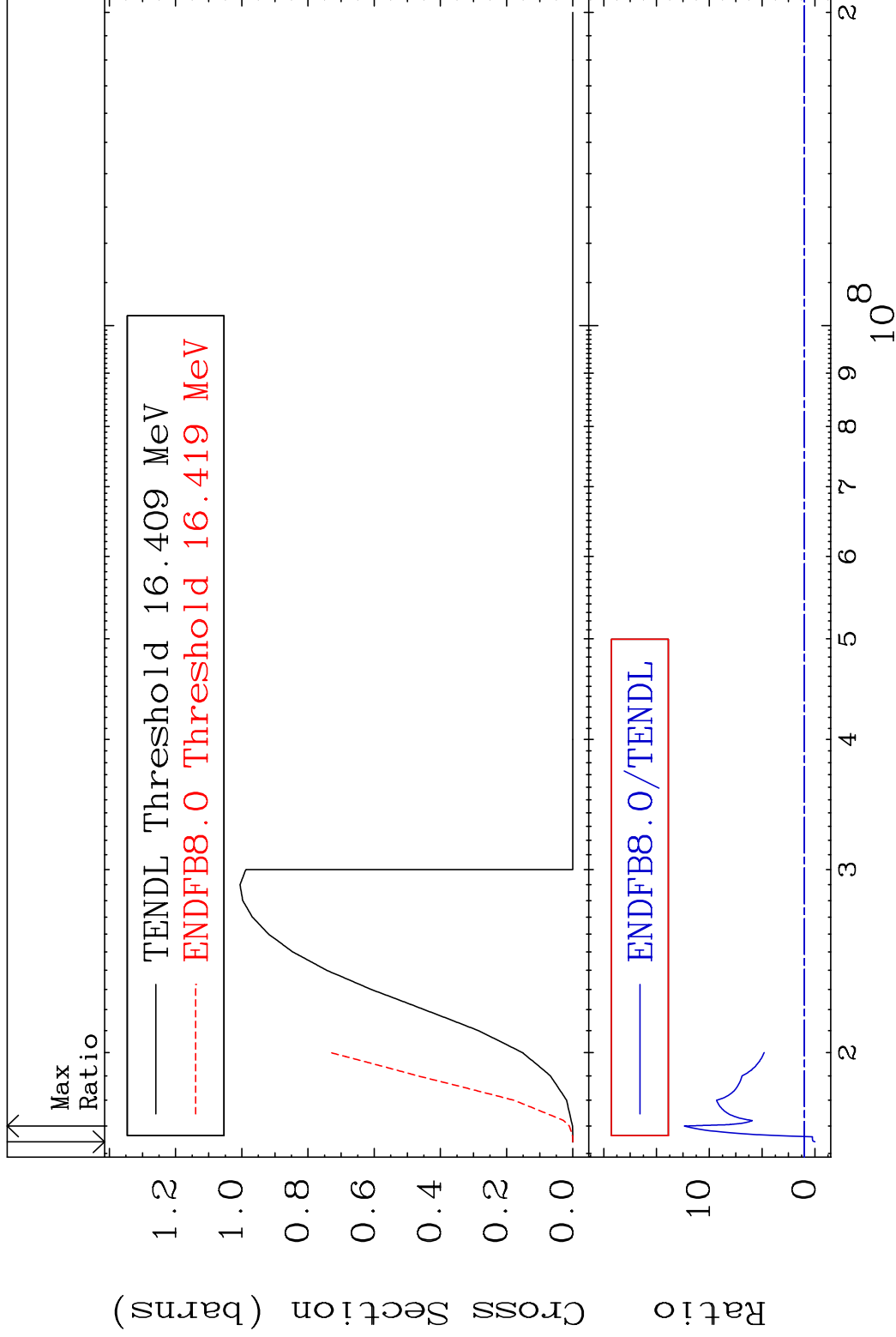
50-Sn-118

MAT 5043

(n,3n)

50-Sn-118

Cross Section -100.0 To 1137. %



5

Incident Energy (eV)

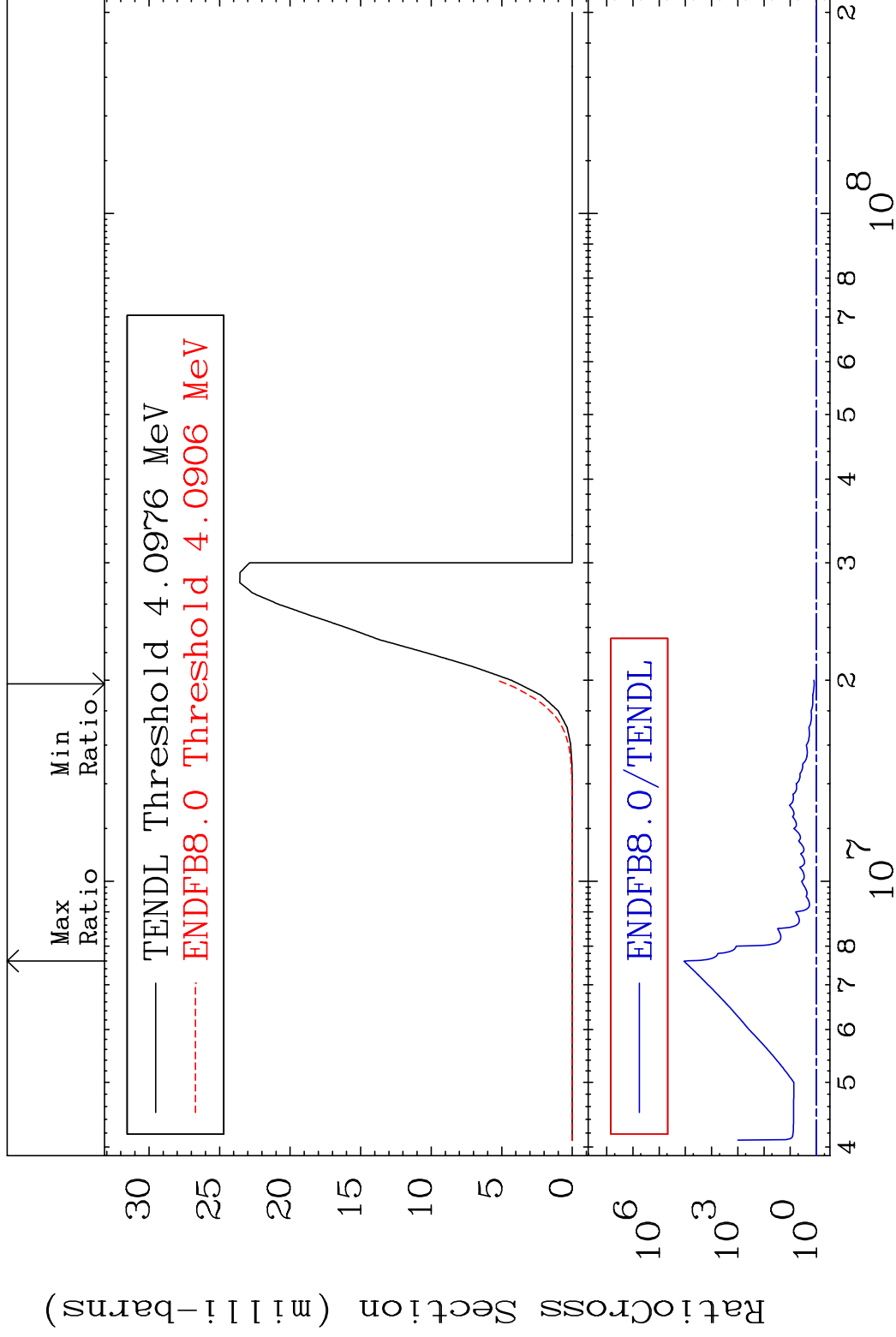
50-Sn-118

MAT 5043

(n, n') α

50-Sn-118

Cross Section 22.72 To 9999. %

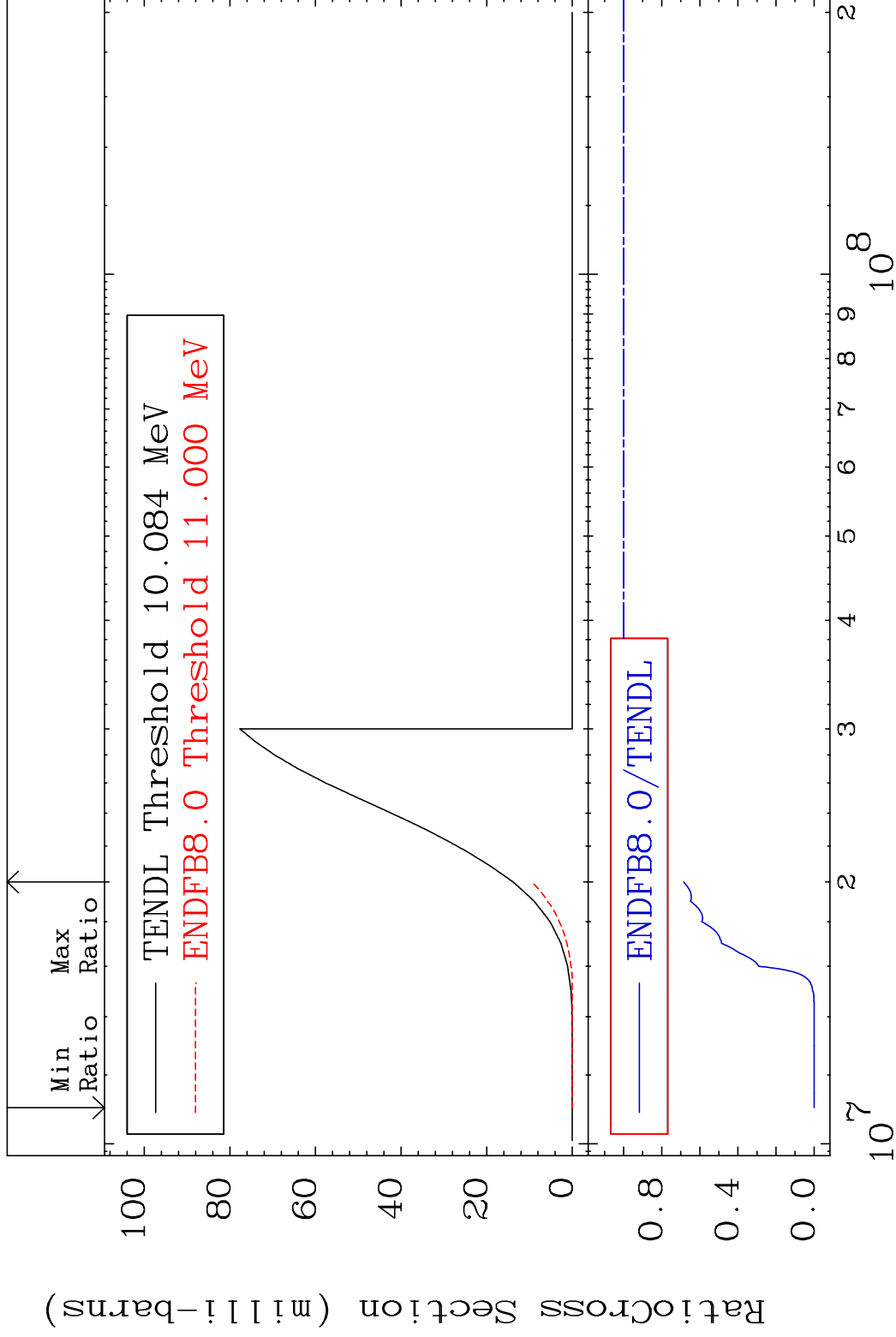


MAT 5043

(n, n') p

50-Sn-118

Cross Section -100.0 To -31.52%

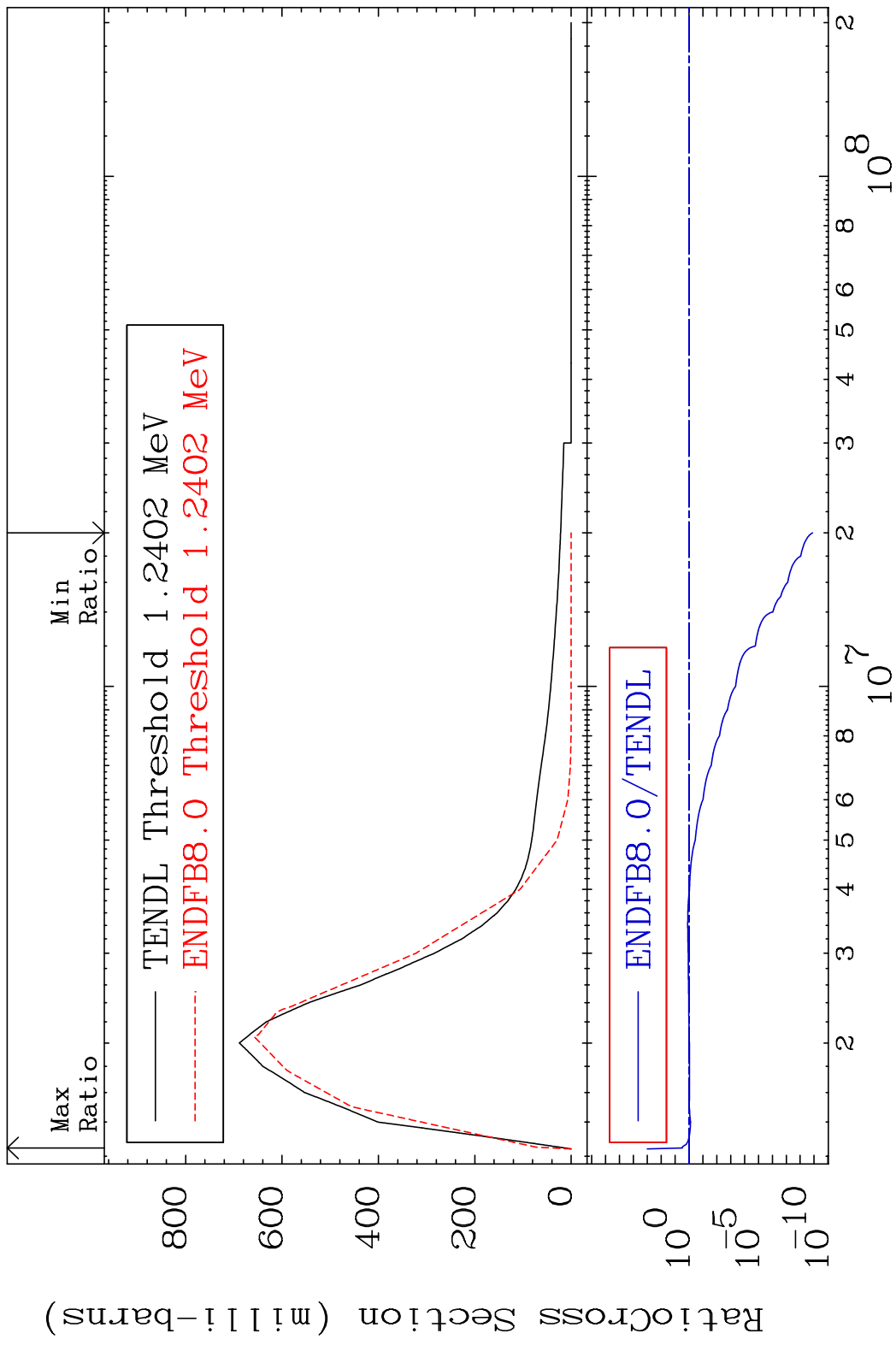


7

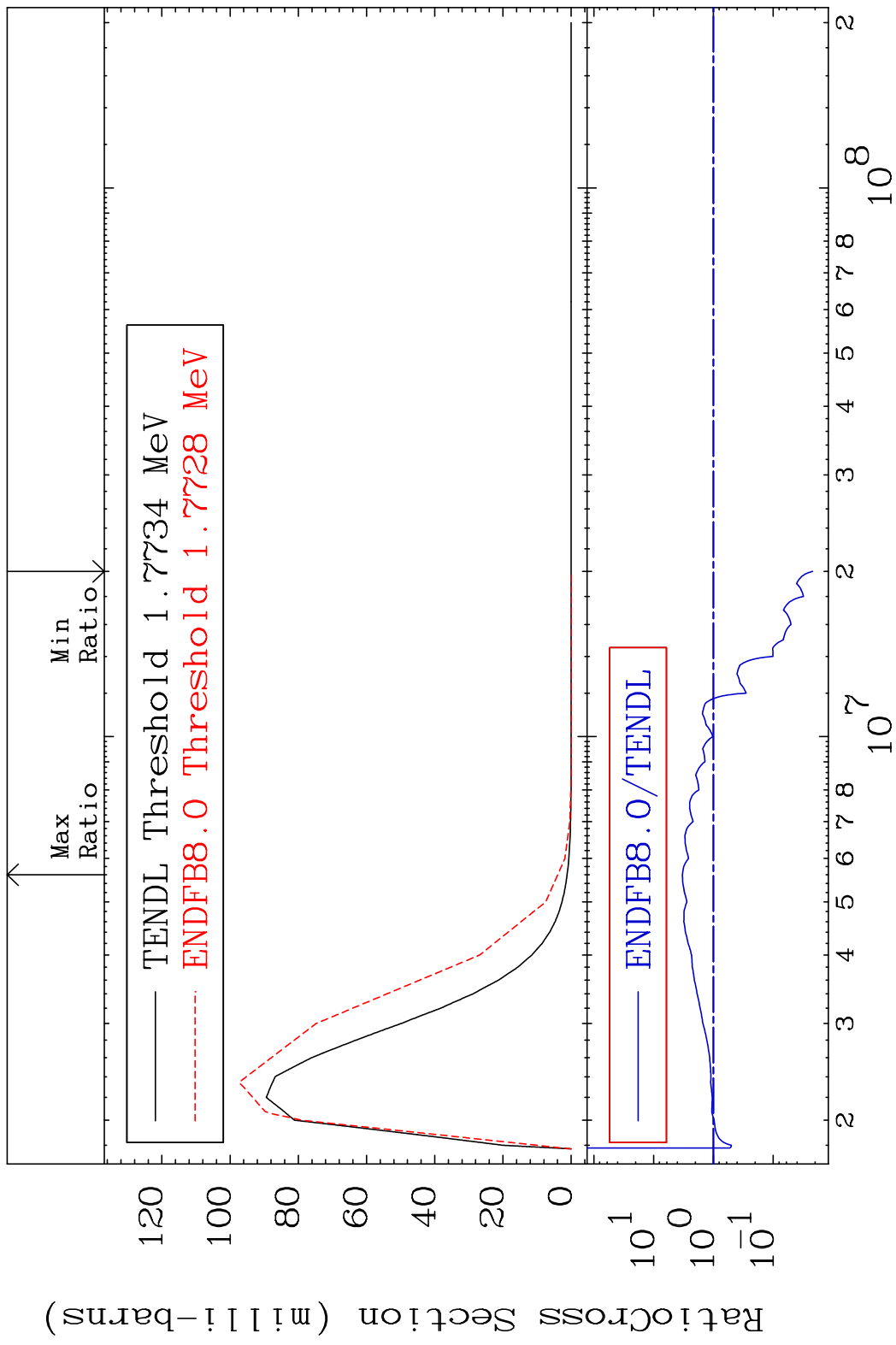
Incident Energy (eV)

50-Sn-118

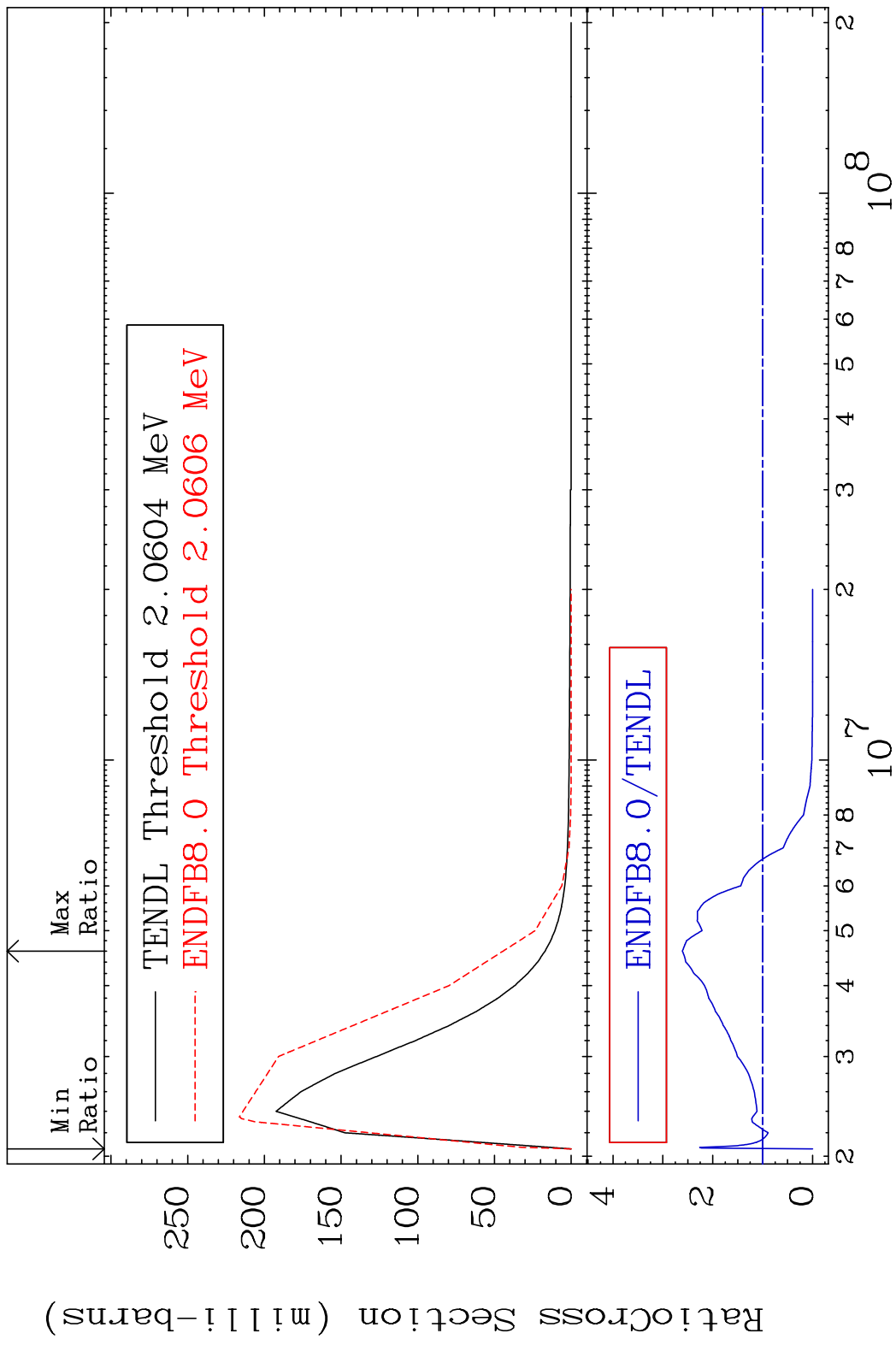
MAT 5043 MT= 51 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 200.0 %



MAT 5043 MT= 52 (n, n') Level 50-Sn-118
 Cross Section -97.80 To 230.5 %

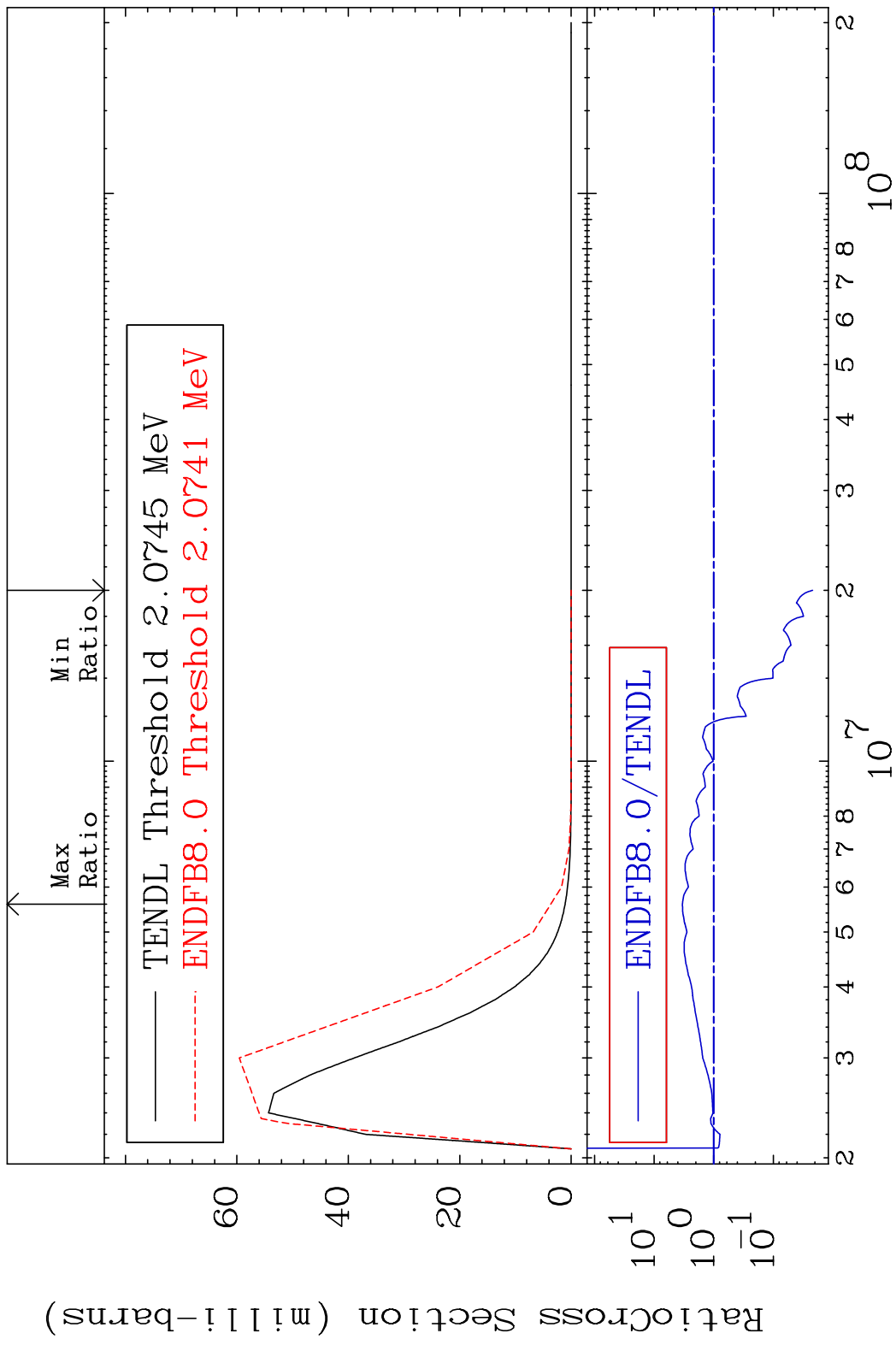


MAT 5043 MT= 53 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 160.9 %



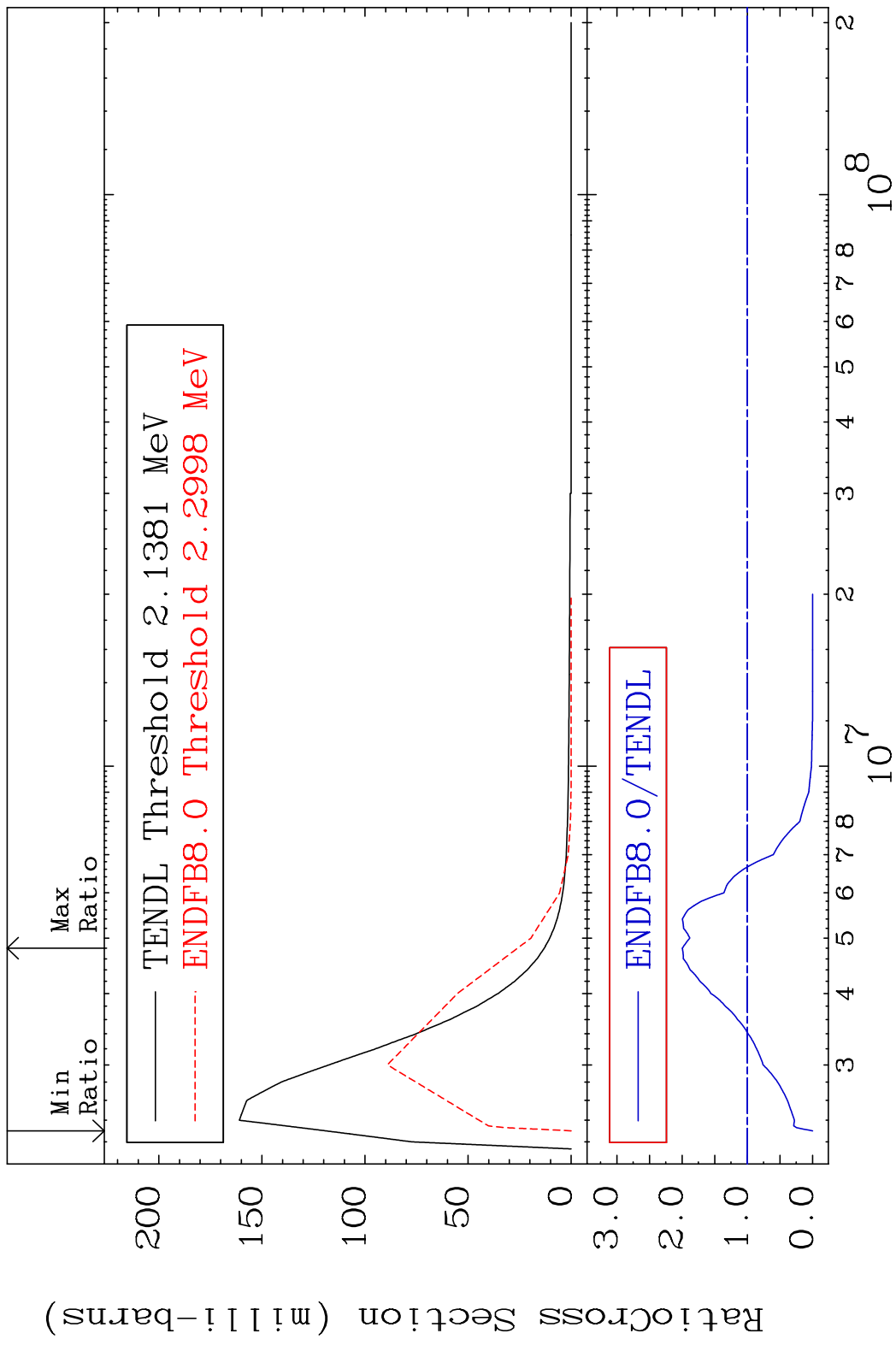
10 Incident Energy (eV) 50-Sn-118

MAT 5043 MT= 54 (n,n') Level 50-Sn-118
 Cross Section -97.81 To 236.0 %

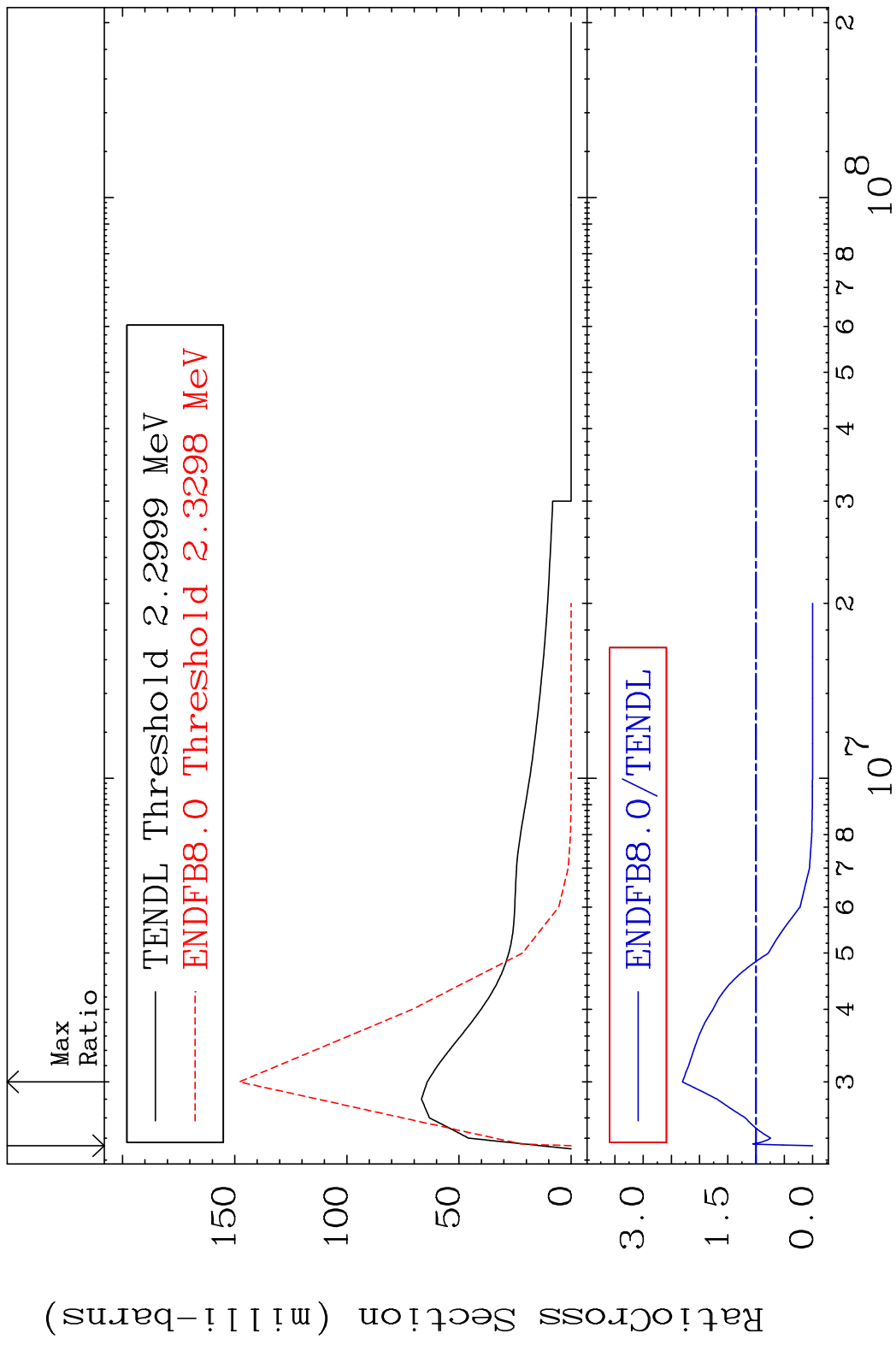


11 Incident Energy (eV) 50-Sn-118

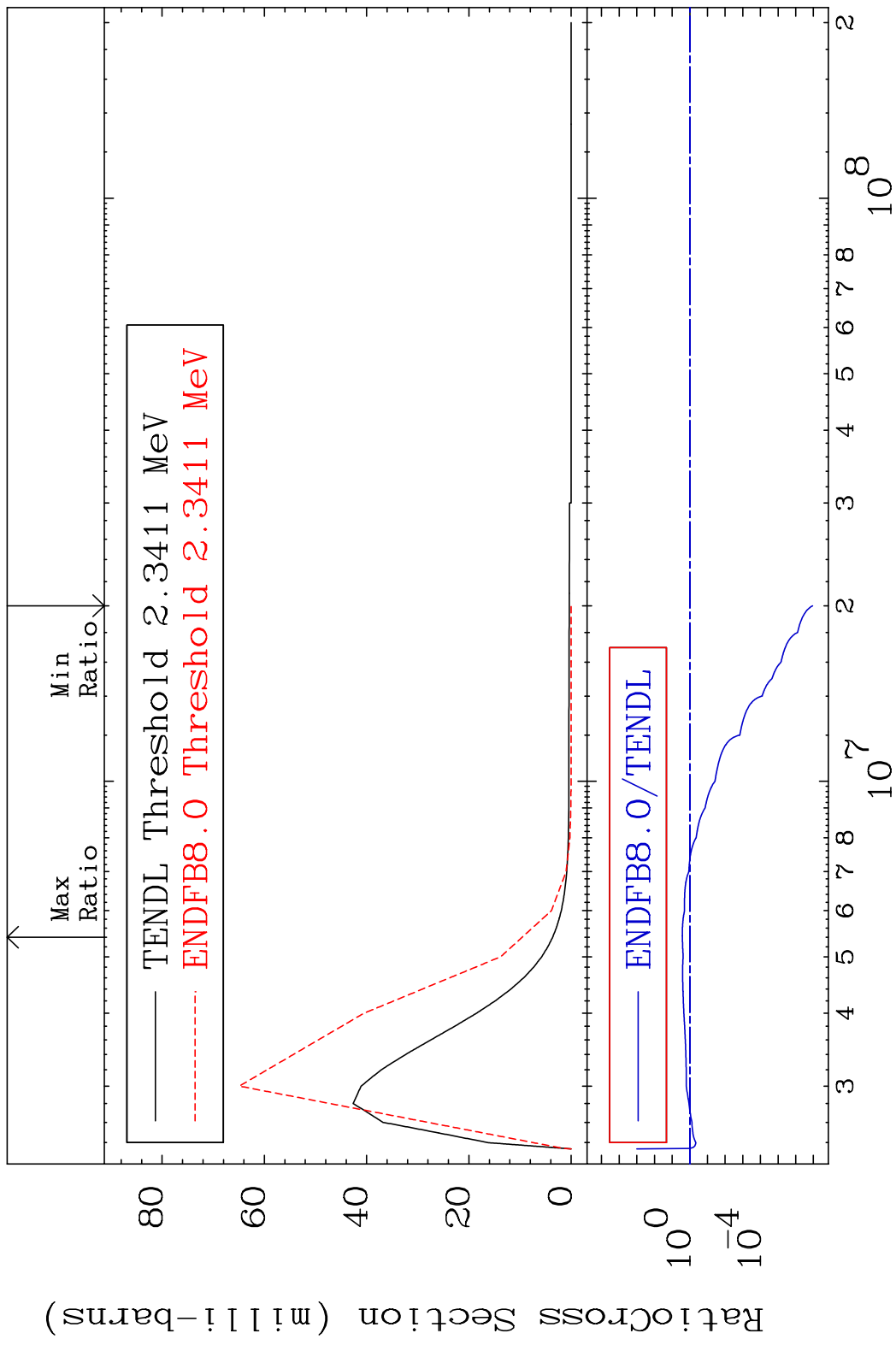
MAT 5043 MT= 55 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 99.66 %



MAT 5043 MT= 56 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 130.5 %



MAT 5043 MT= 57 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 164.3 %

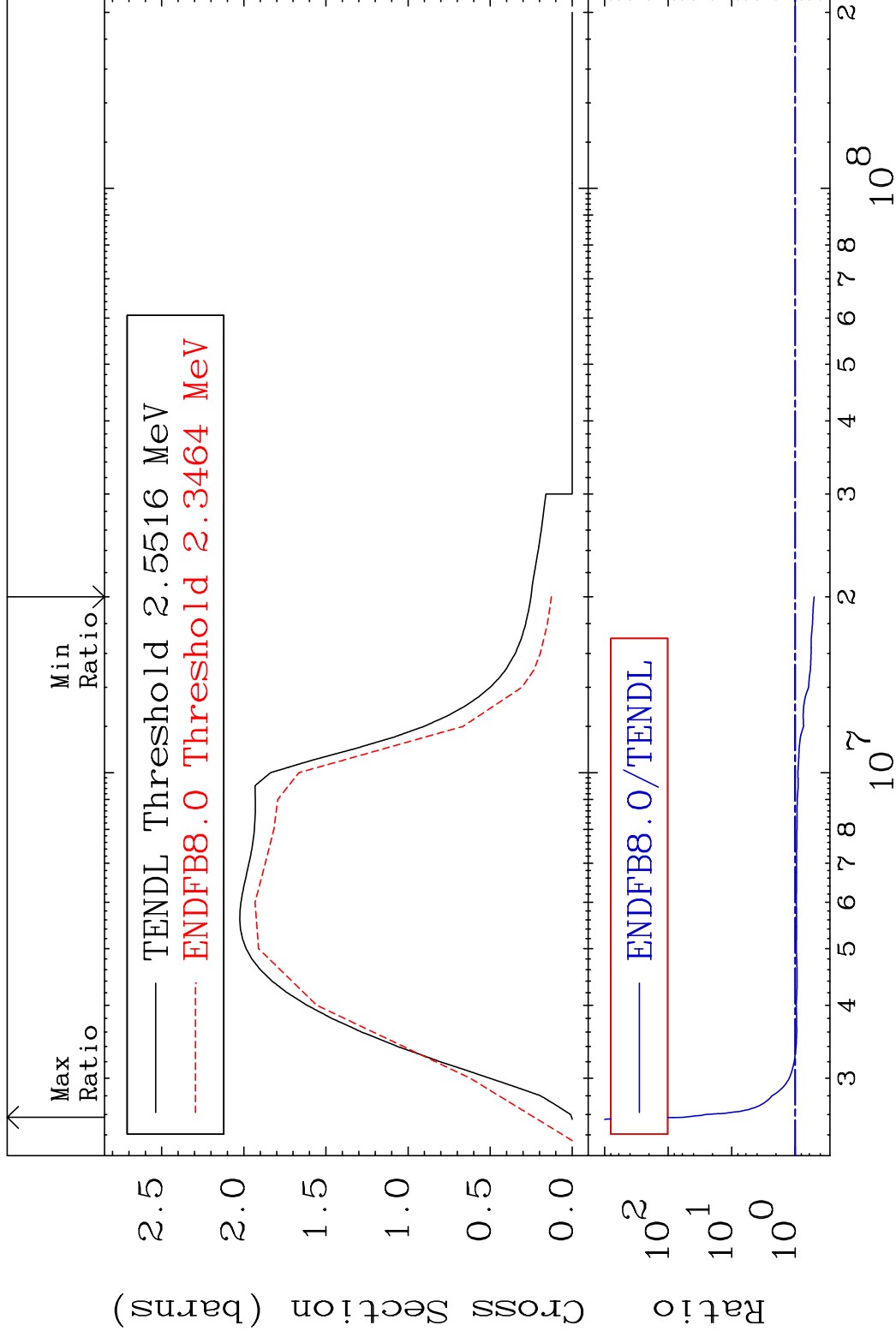


MAT 5043

(n,n') Continuum

50-Sn-118

Cross Section -49.68 To 5601. %



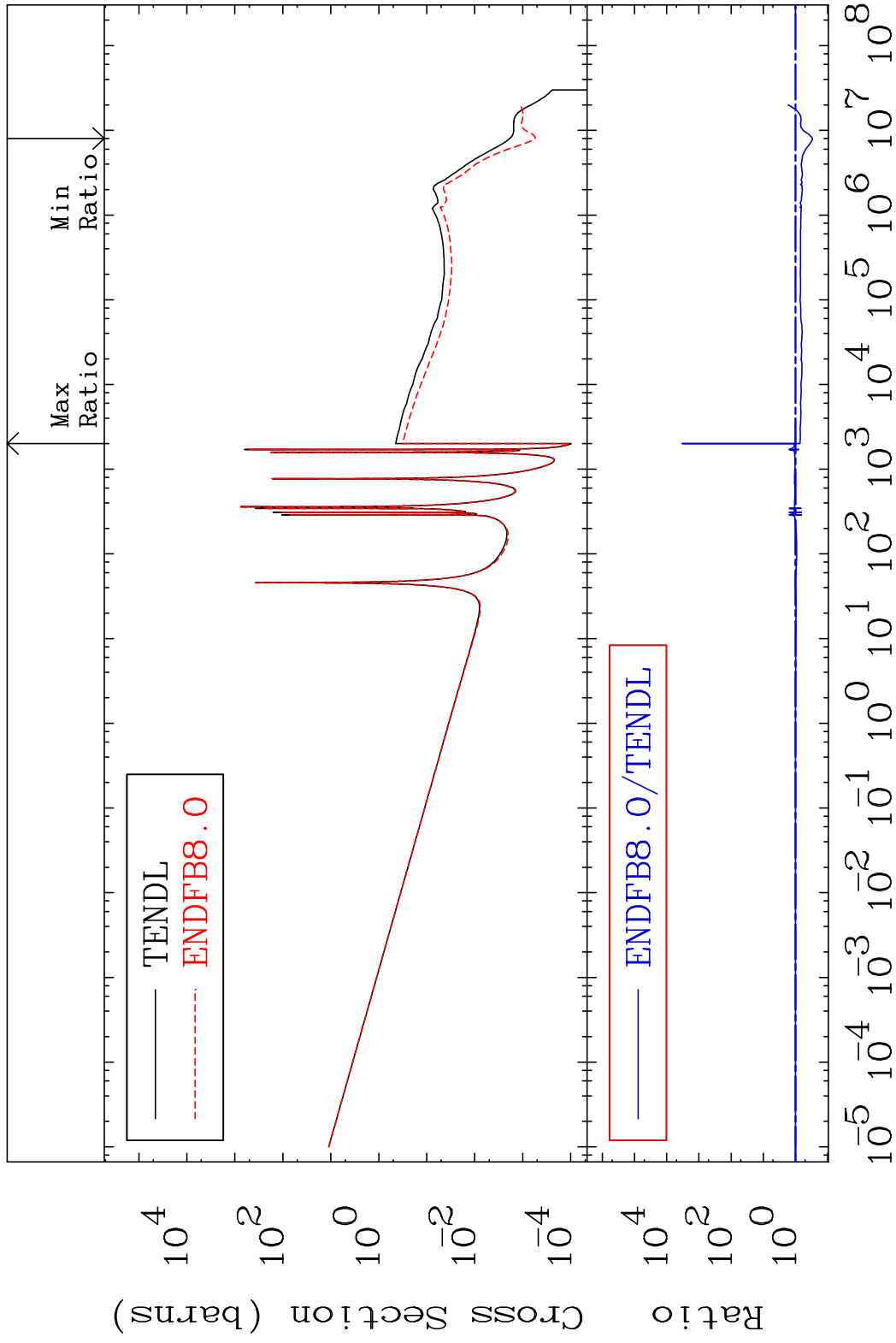
15

Incident Energy (eV)

50-Sn-118

MAT 5043

(n, γ)
Cross Section -70.55 To 9999. %
50-Sn-118

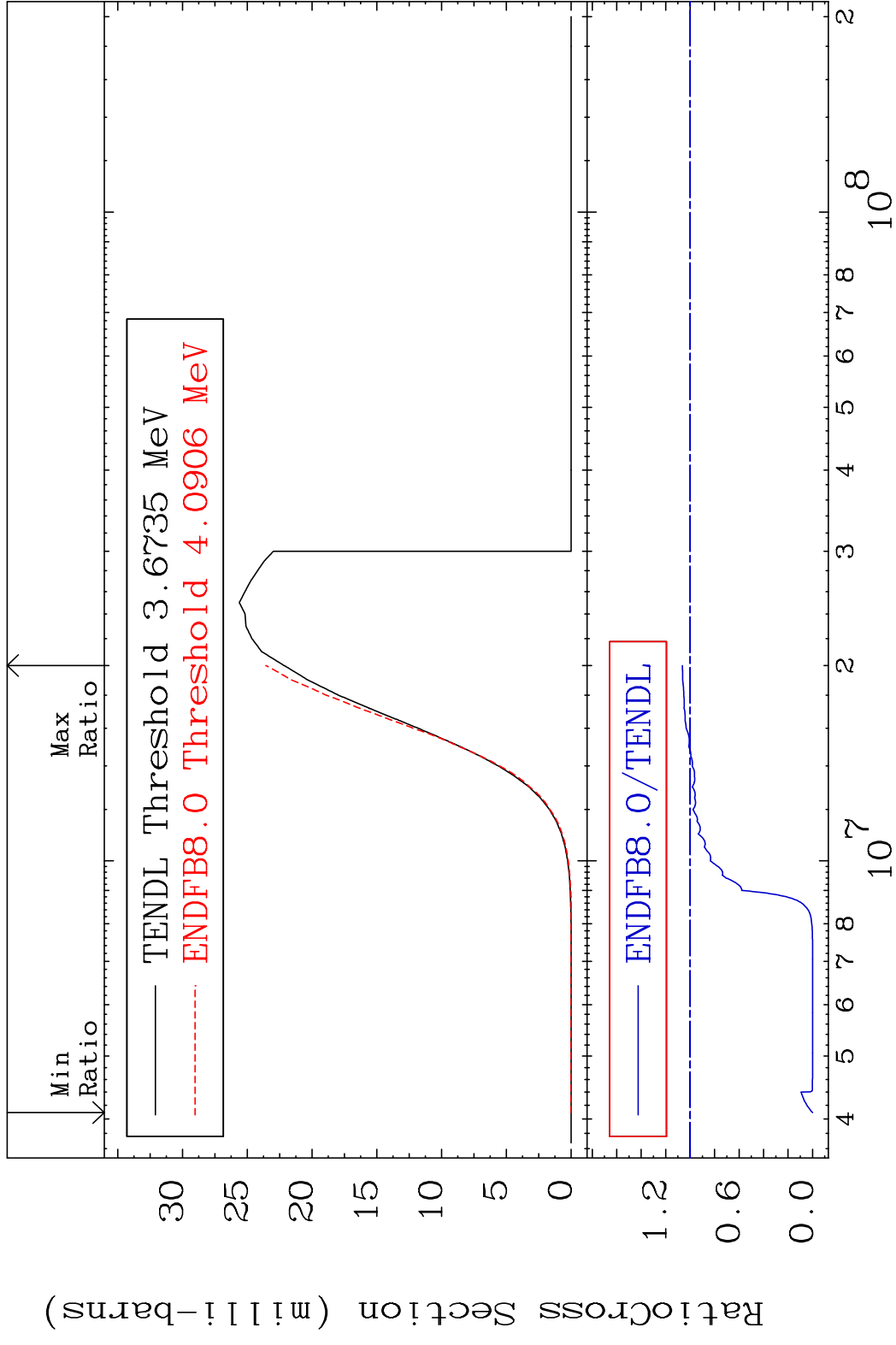


16

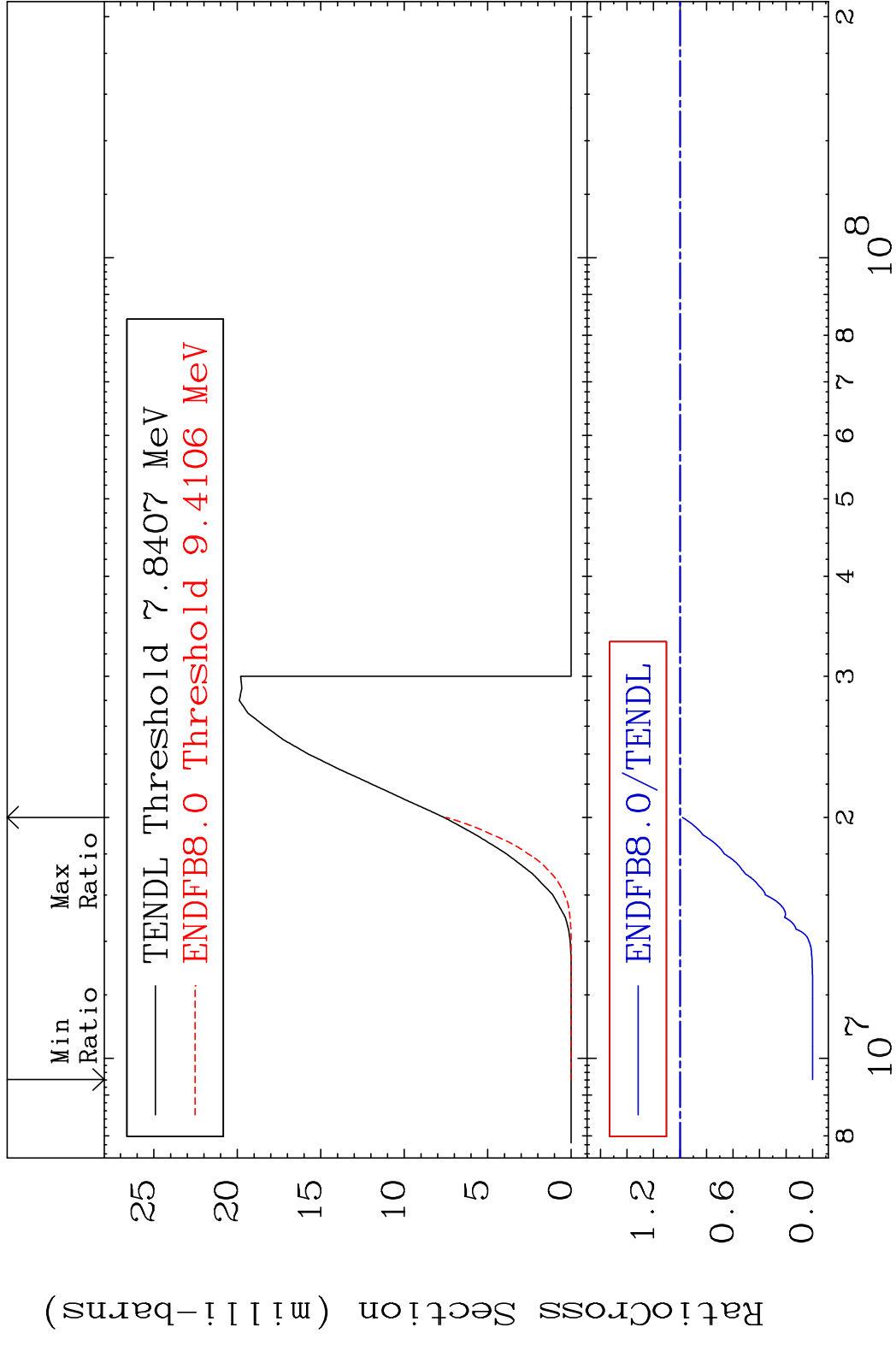
Incident Energy (eV) 50-Sn-118

MAT 5043

(n,p) 50-Sn-118
Cross Section -100.0 To 6.385 %



MAT 5043 (n,d) 50-Sn-118
 Cross Section -100.0 To -1.753%

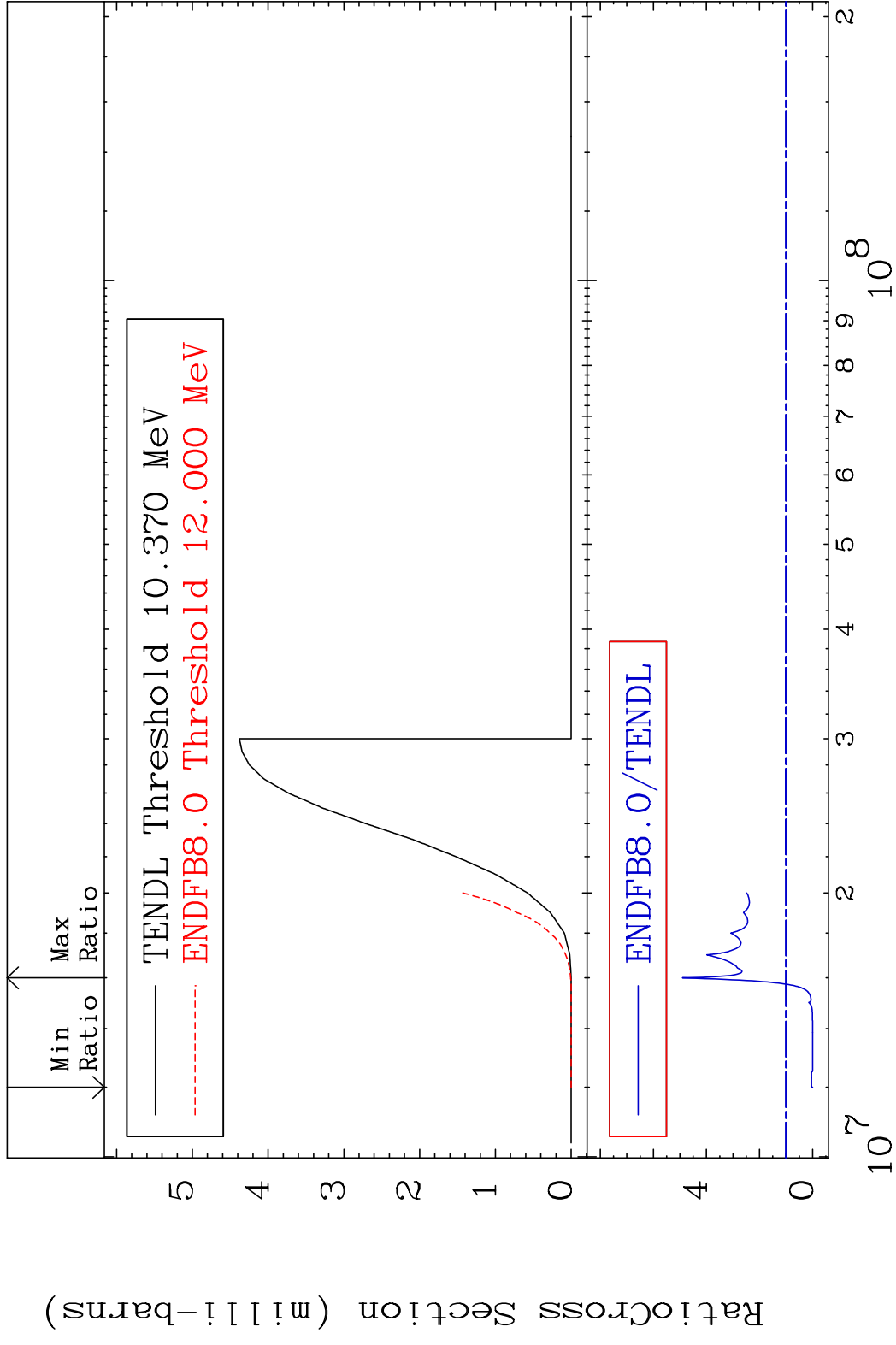


MAT 5043

50-Sn-118

(n, t)

Cross Section -100.0 To 390.7 %



19

Incident Energy (eV)

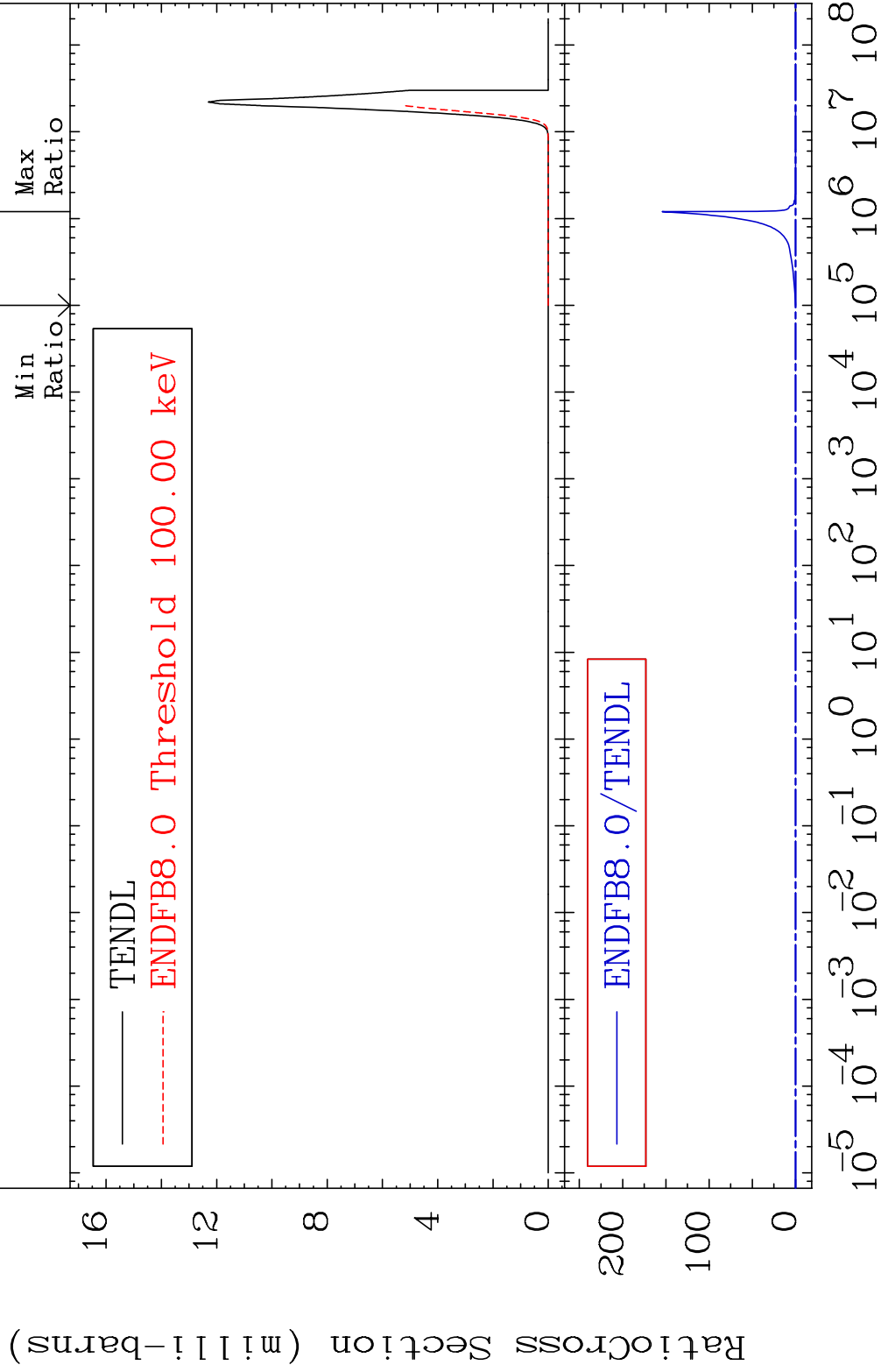
50-Sn-118

MAT 5043

(n, α)

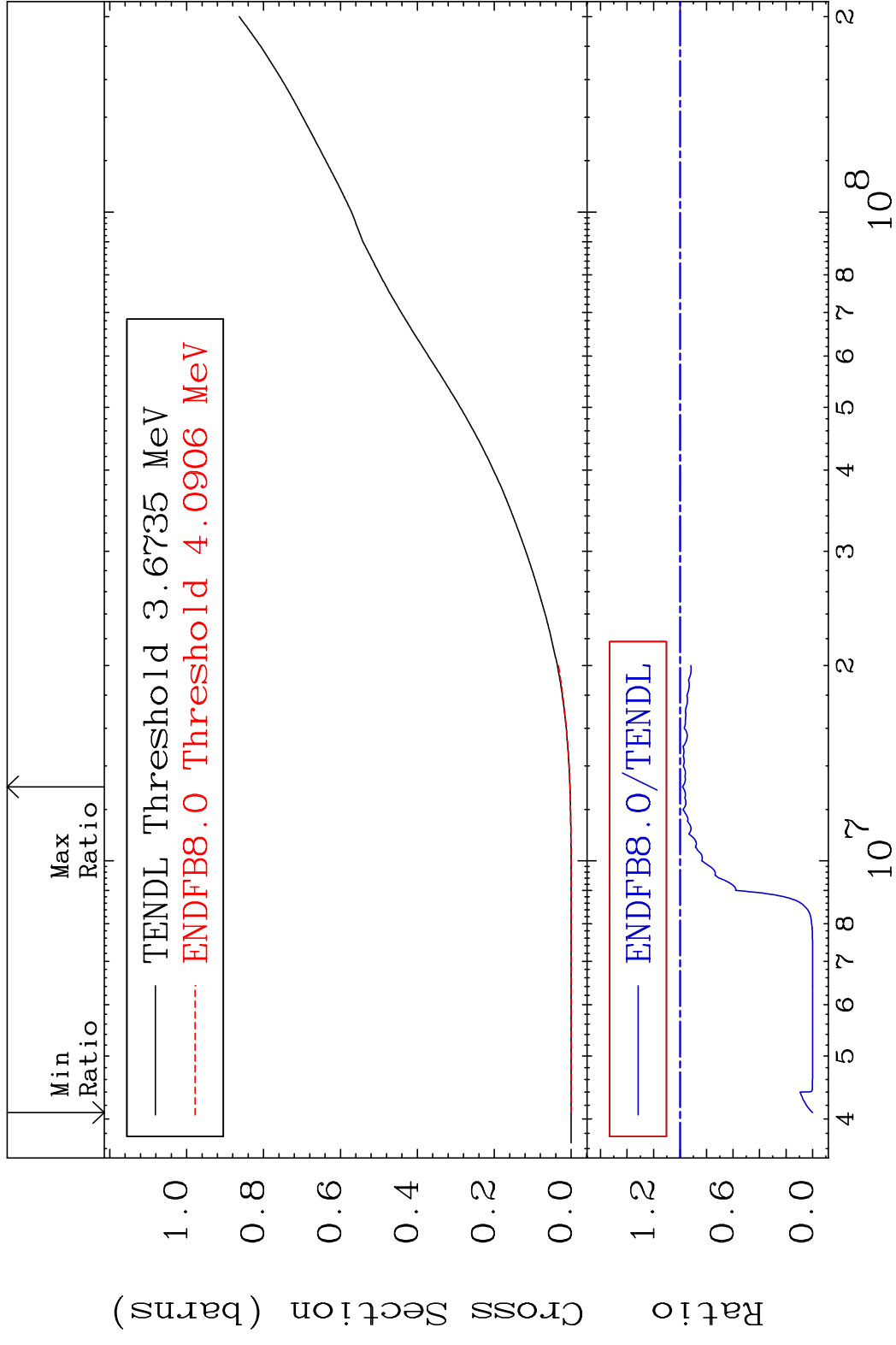
50-Sn-118

Cross Section -100.0 To 9999. %



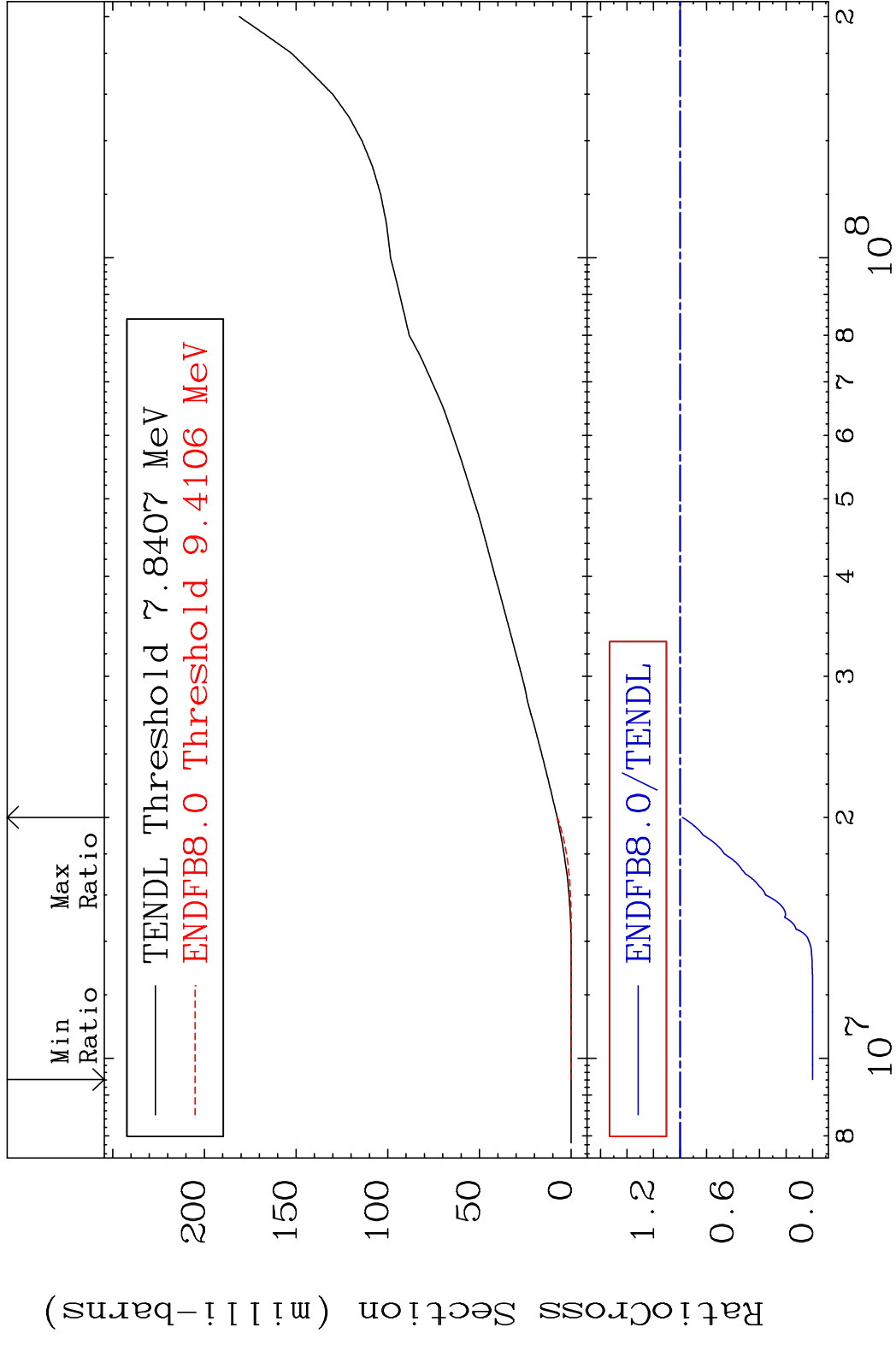
MAT 5043

Hydrogen Production 50-Sn-118
Cross Section -100.0 To -1.725%



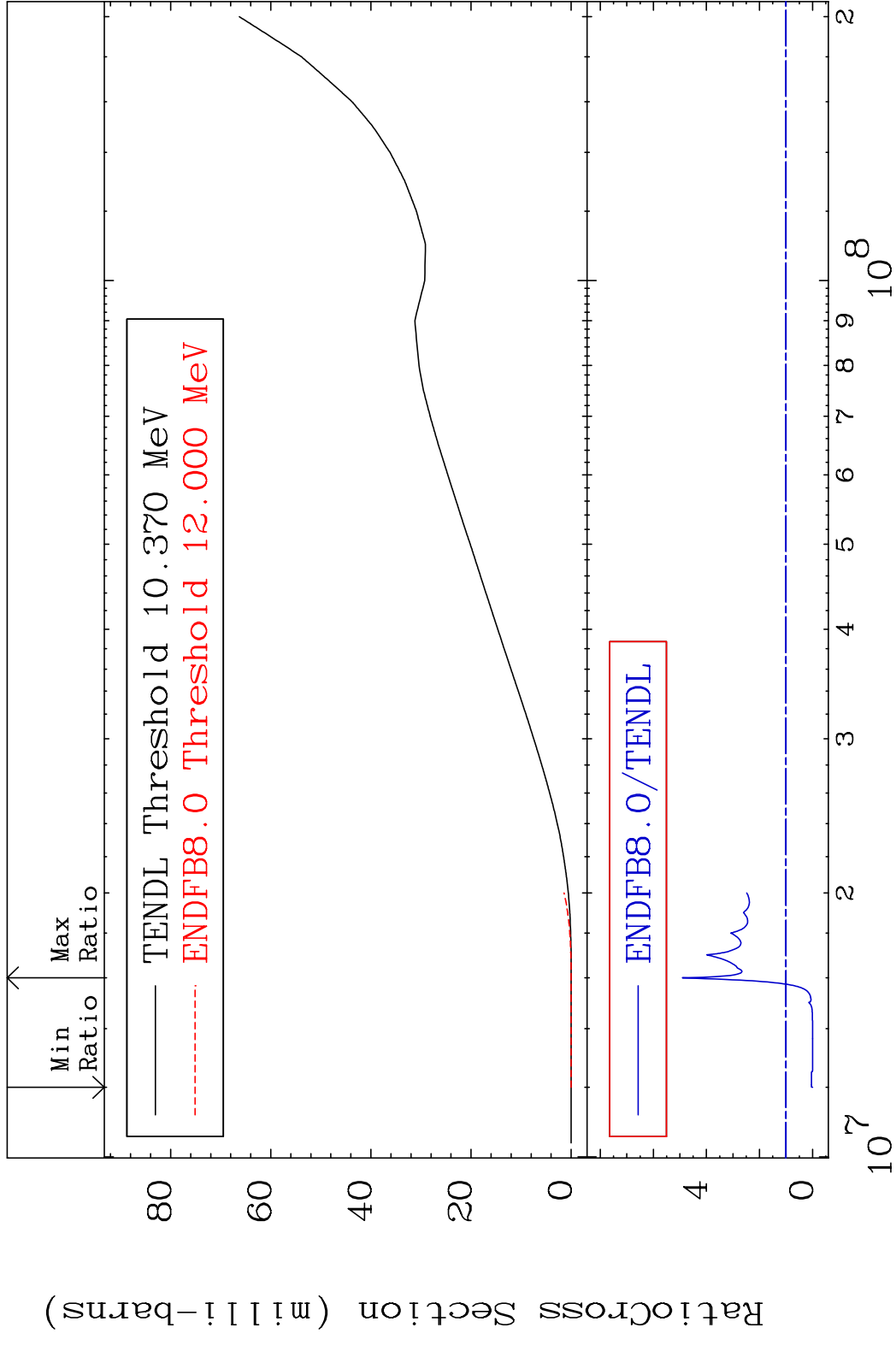
MAT 5043

Deuterium Production 50-Sn-118
Cross Section -100.0 To -1.753%



MAT 5043

Tritium Production 50-Sn-118
Cross Section -100.0 To 390.7 %



23

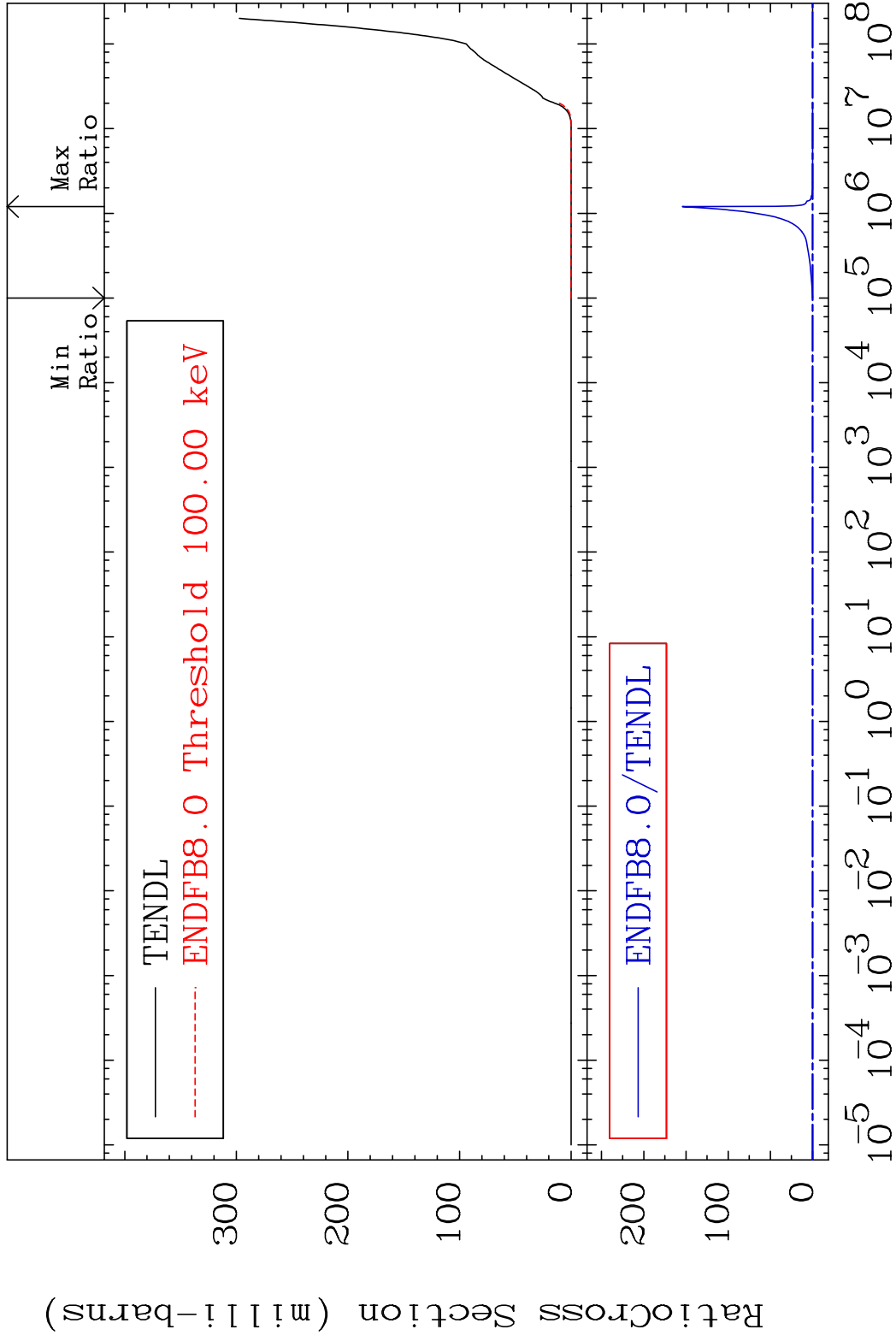
50-Sn-118

MAT 5043

He-4 Production

50-Sn-118

Cross Section -100.0 To 9999. %

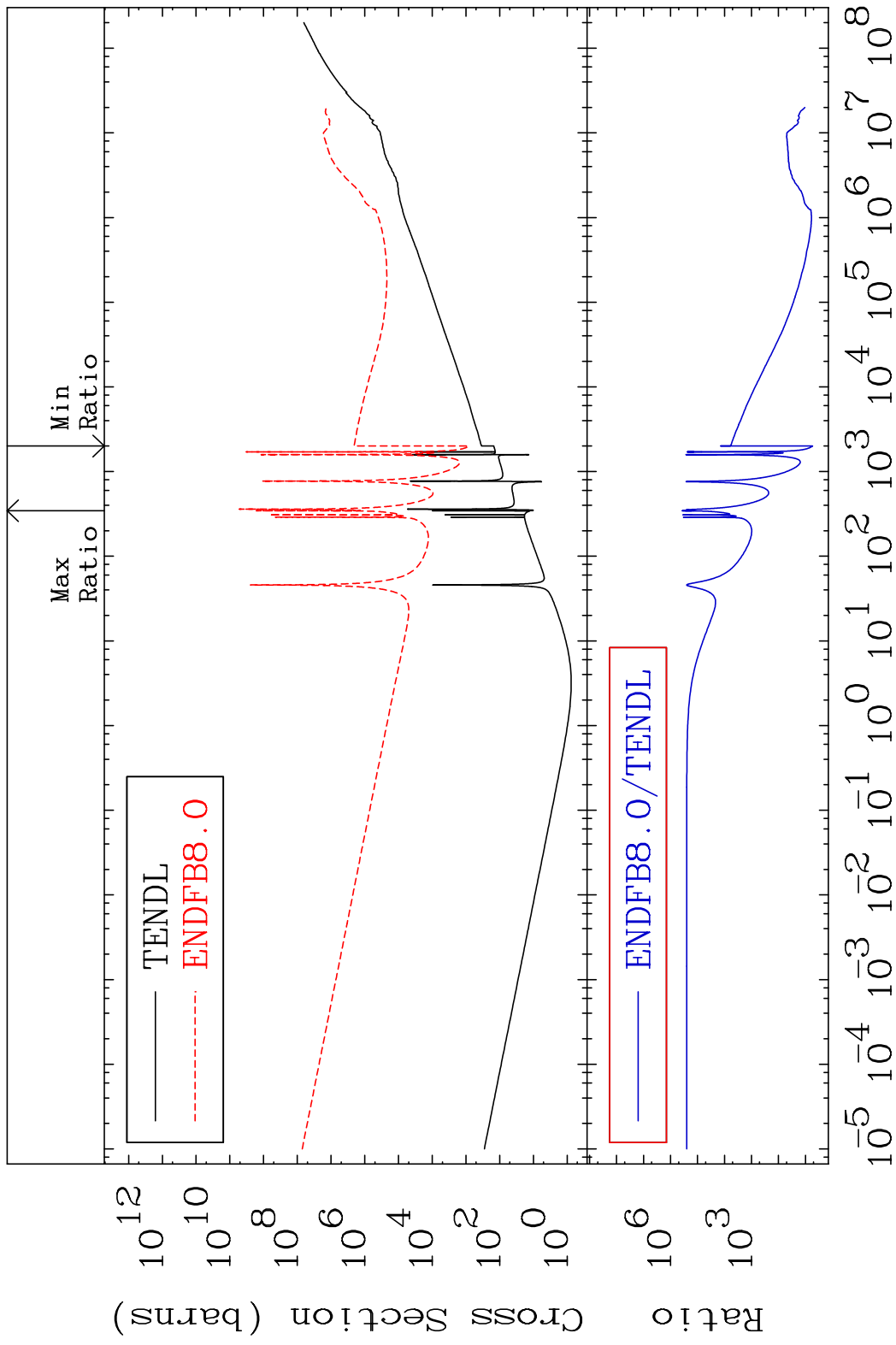


24

Incident Energy (eV)

50-Sn-118

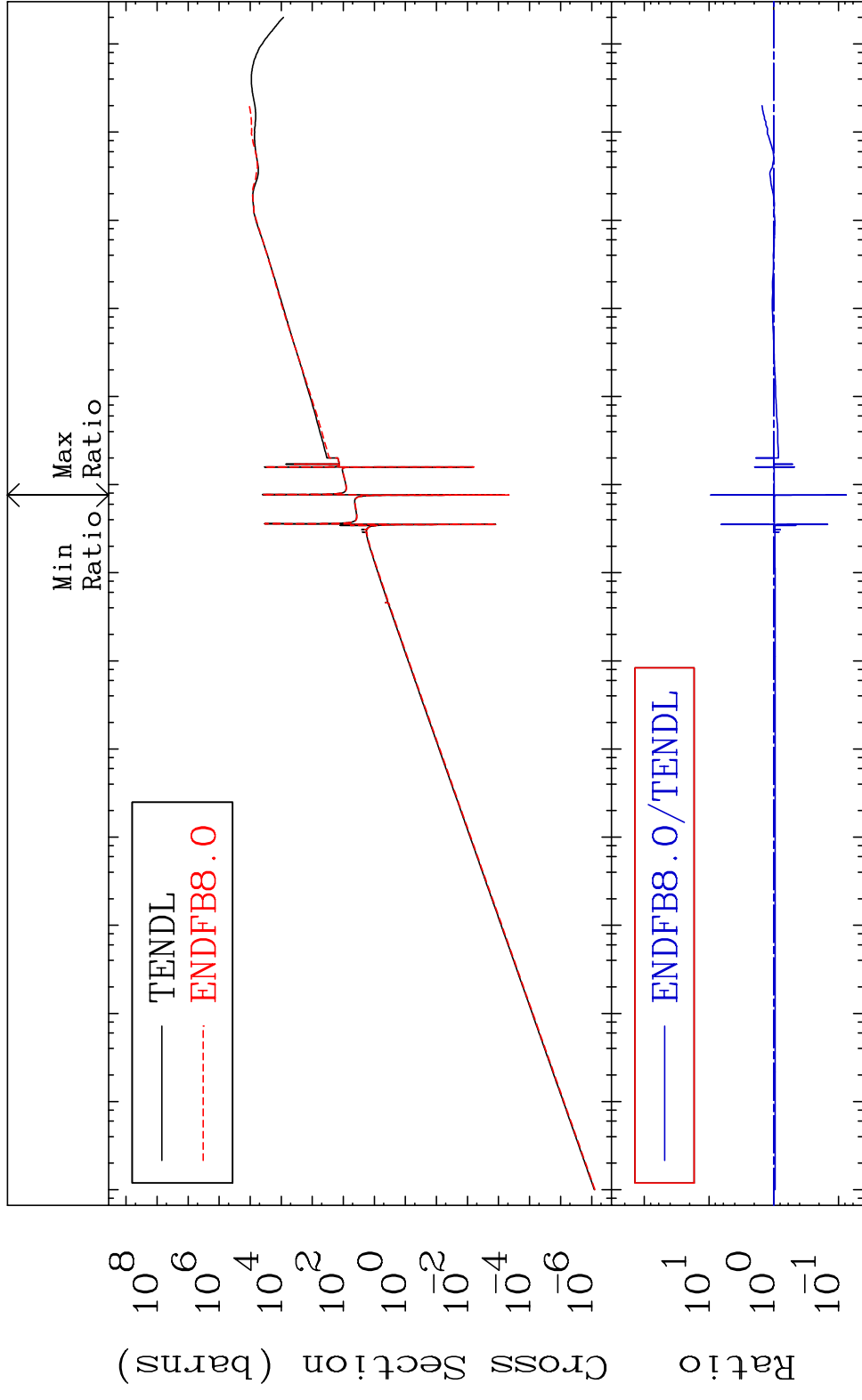
MAT 5043 Kerma total (eV-barns) 50-Sn-118
 Cross Section 444.1 To 9999. %



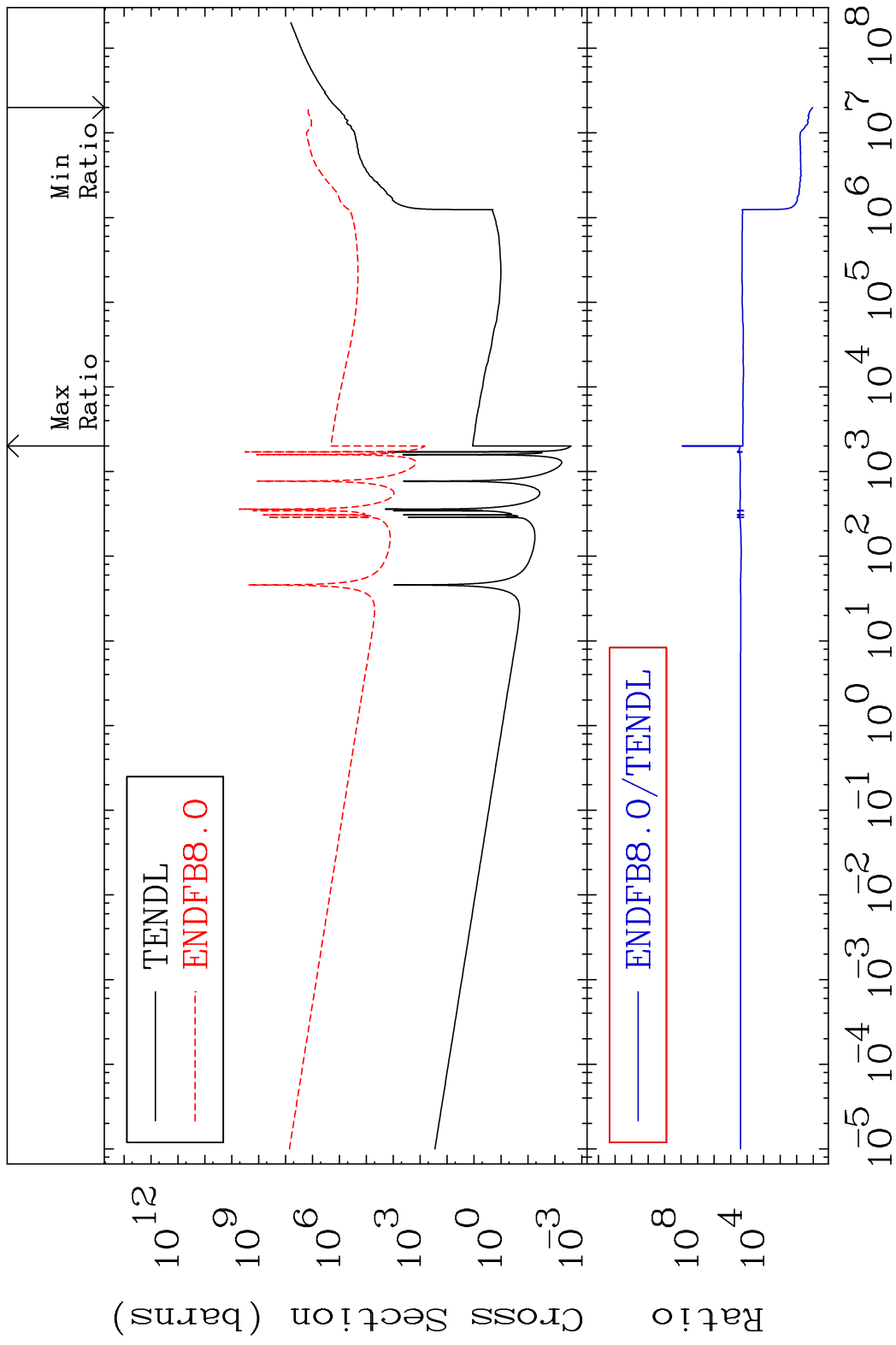
MAT 5043

Kerma elastic
Cross Section -92.41 To 842.5 %

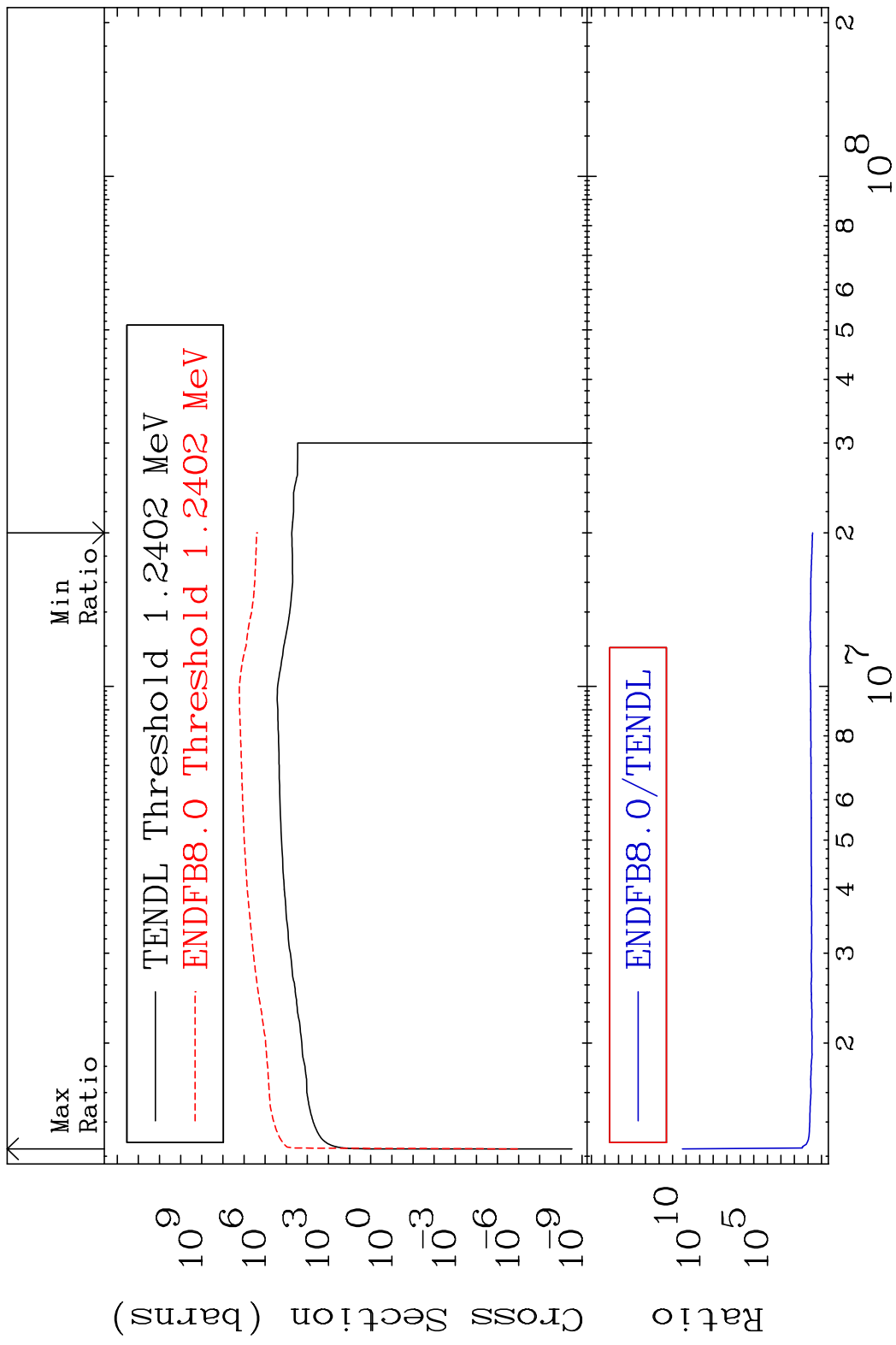
50-Sn-118
To 842.5 %



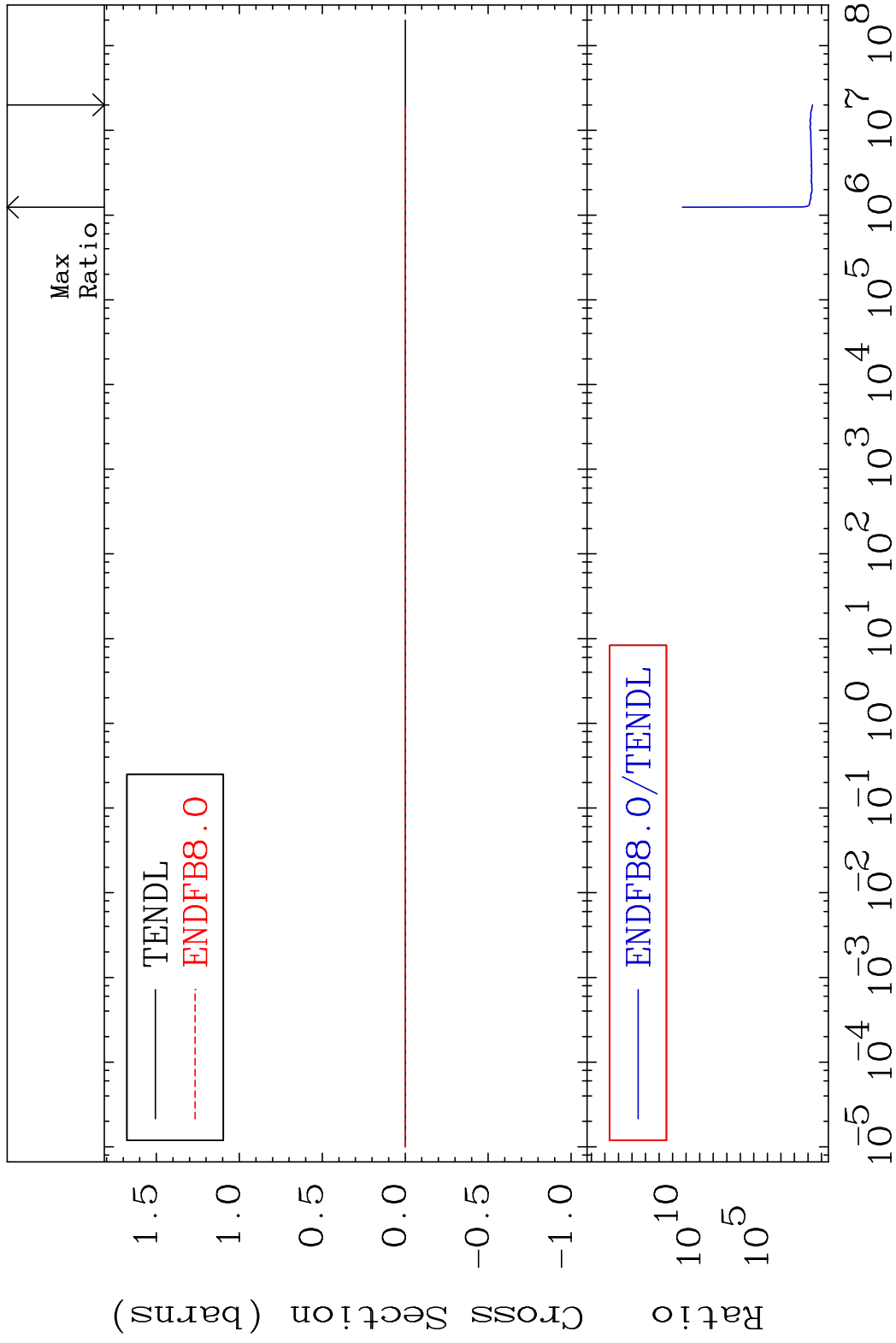
MAT 5043 Kerma non-elastic (all but mt2) 50-Sn-118
 Cross Section 991.9 To 9999. %



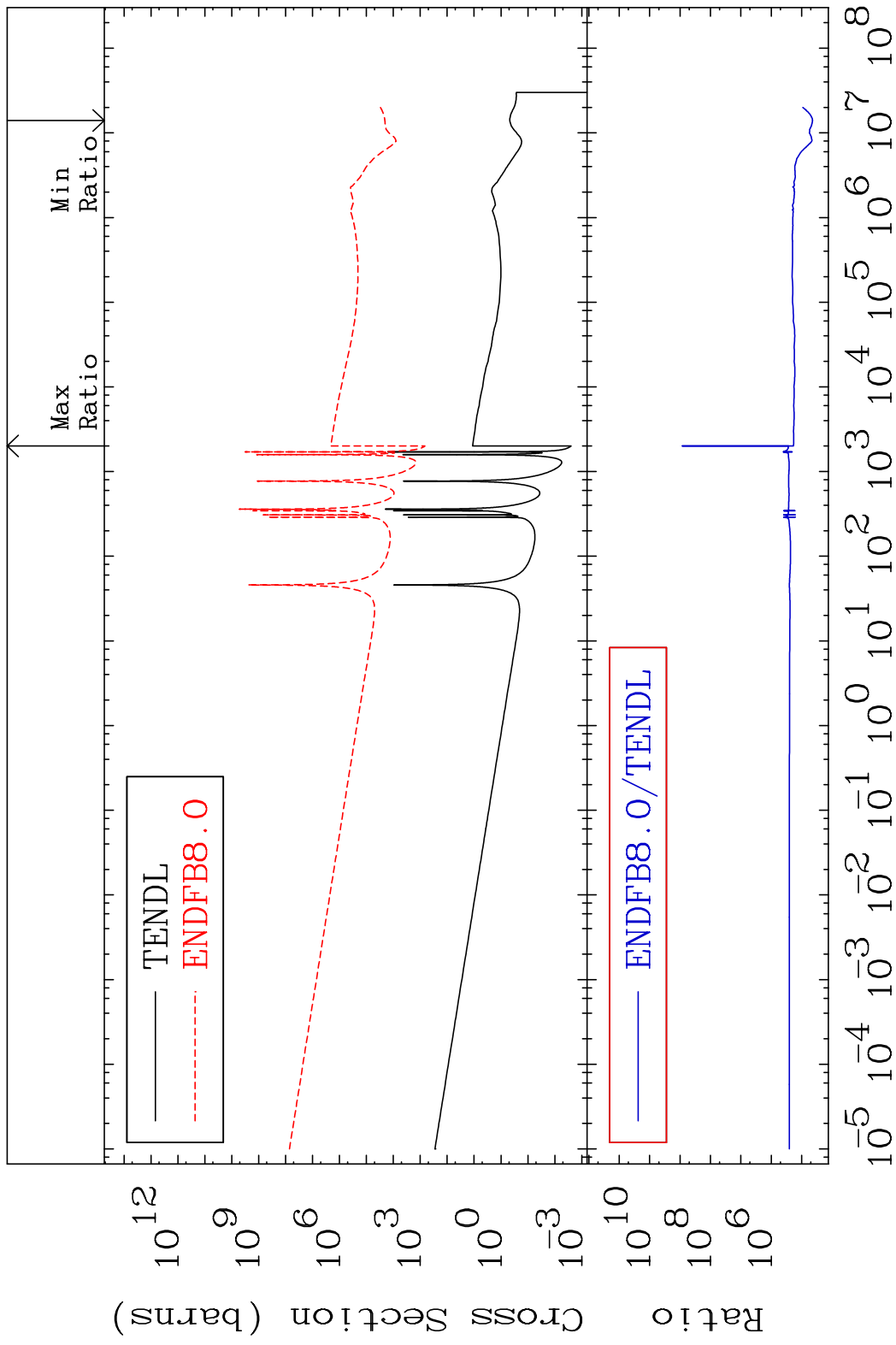
MAT 5043 Kerma inelastic (mt51-91) 50-Sn-118
 Cross Section 4515. To 9999. %



MAT 5043 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-118
 Cross Section 4515. To 9999. %

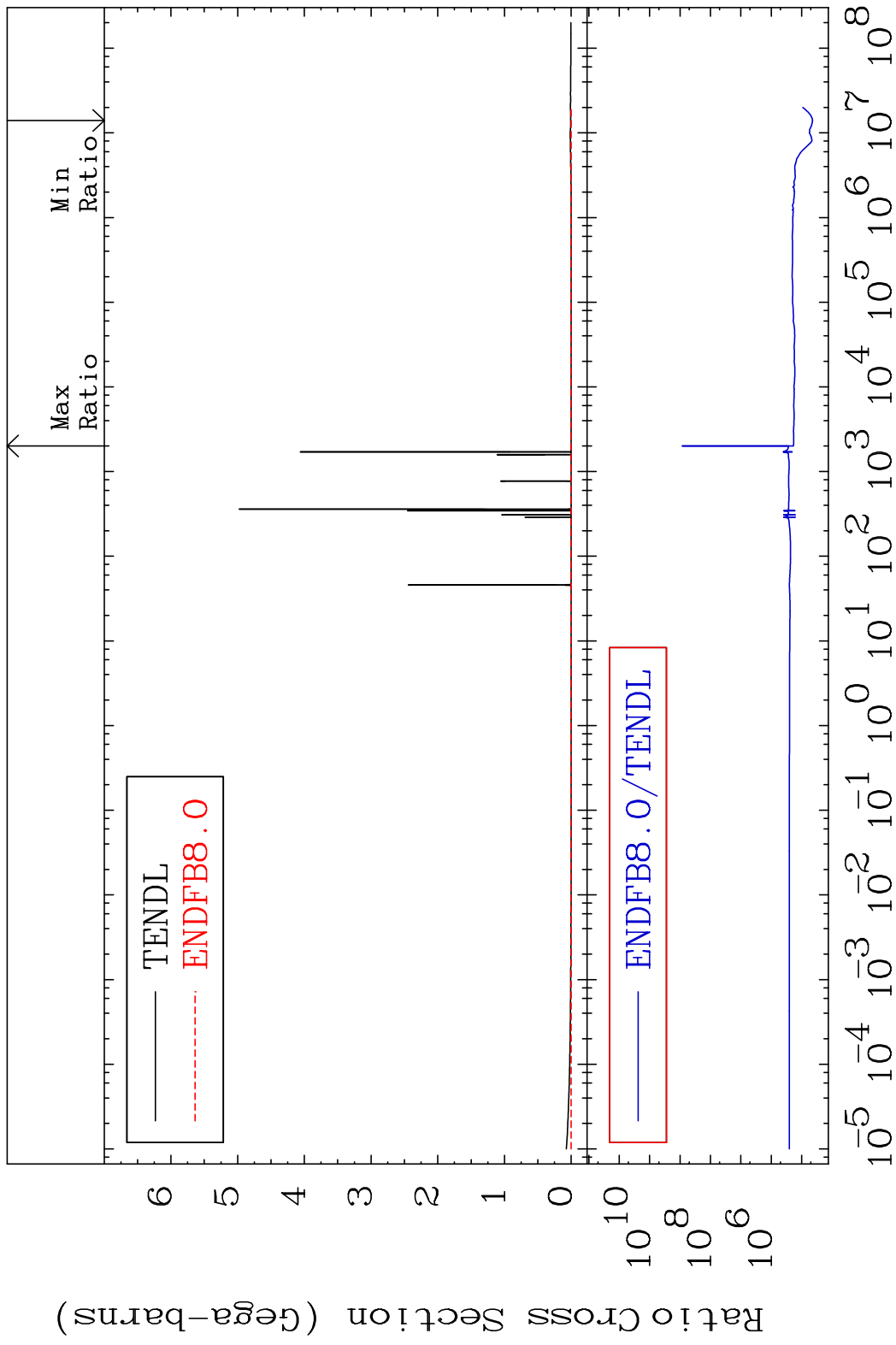


MAT 5043 Kerma capture (mt102) 50-Sn-118
 Cross Section 9999. To 9999. %



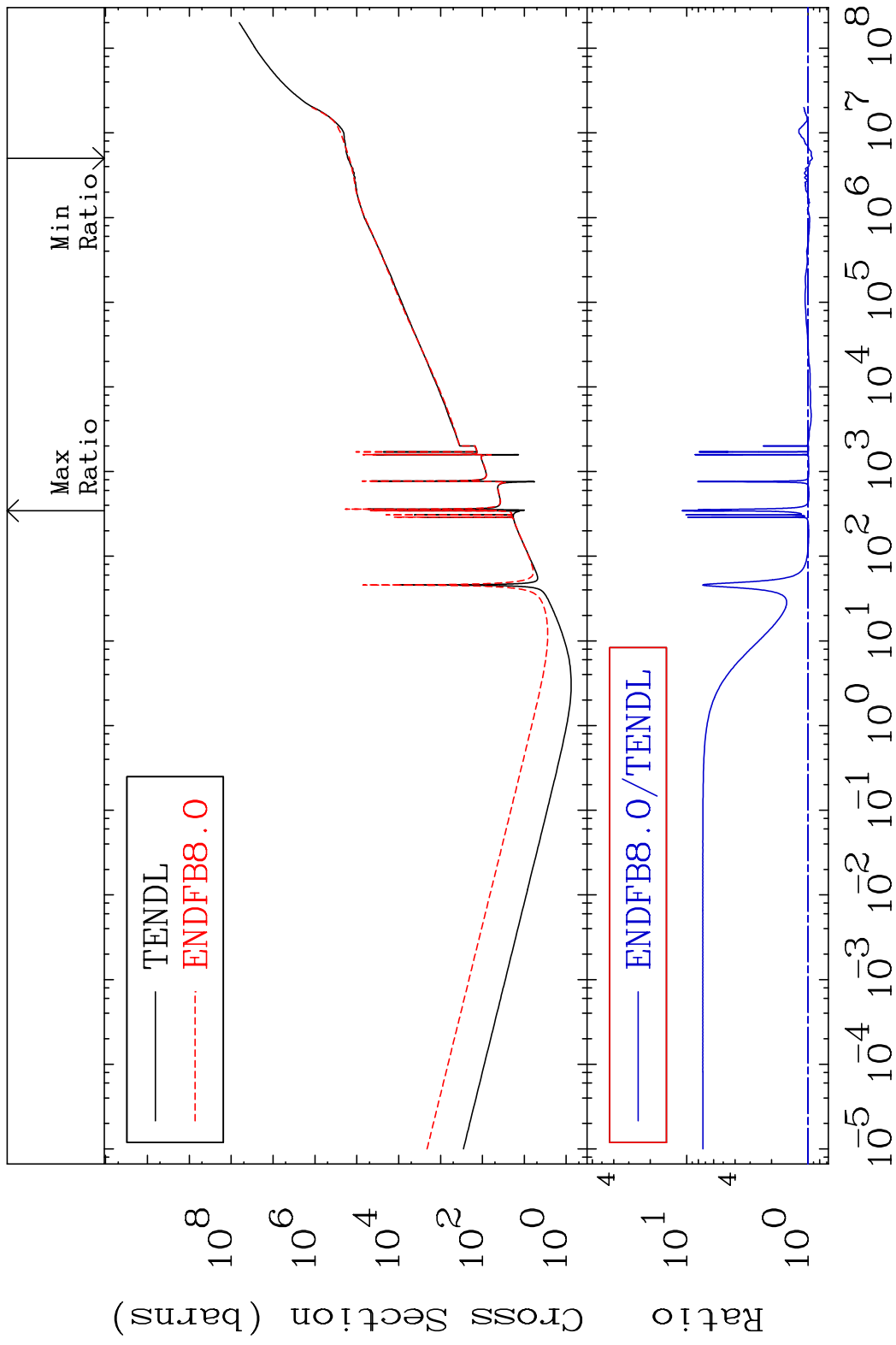
30 Incident Energy (eV) 50-Sn-118

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

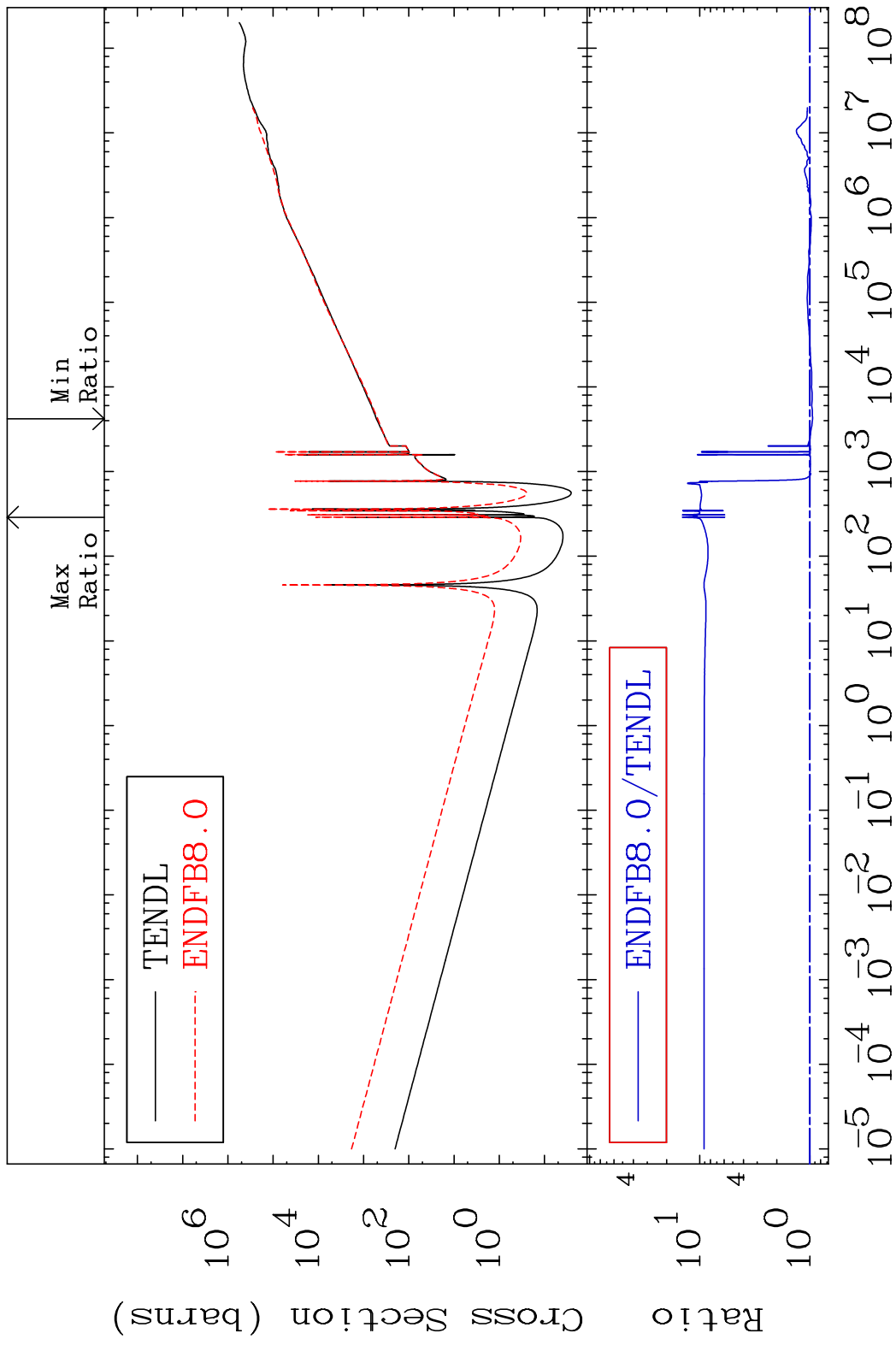


31 Incident Energy (eV) 50-Sn-118

MAT 5043 Total kinematic kerma (high limit) 50-Sn-118
 Cross Section -8.299 To 985.7 %

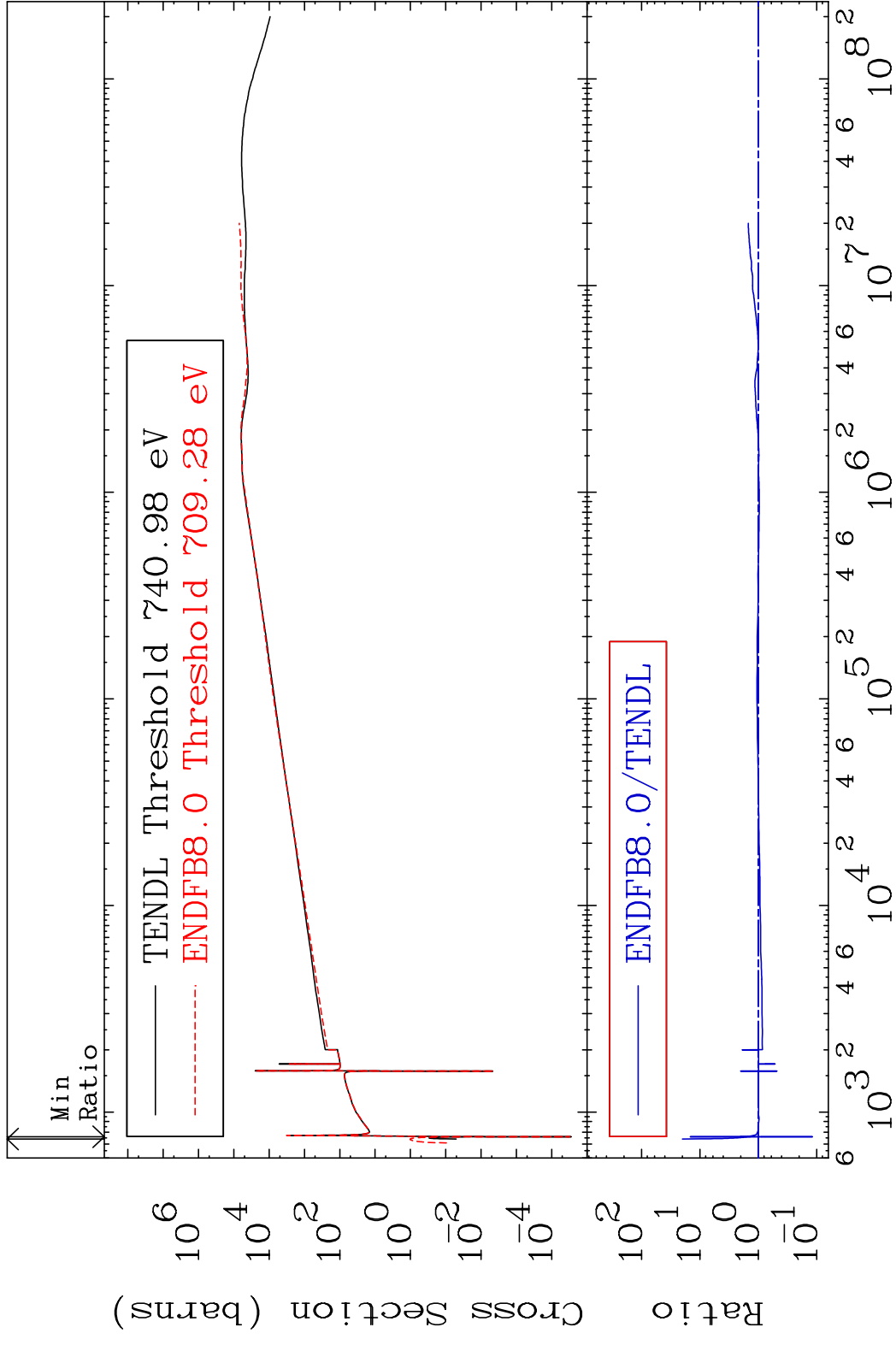


MAT 5043 Dpa total (eV-barns) 50-Sn-118
 Cross Section -5.492 To 1337. %

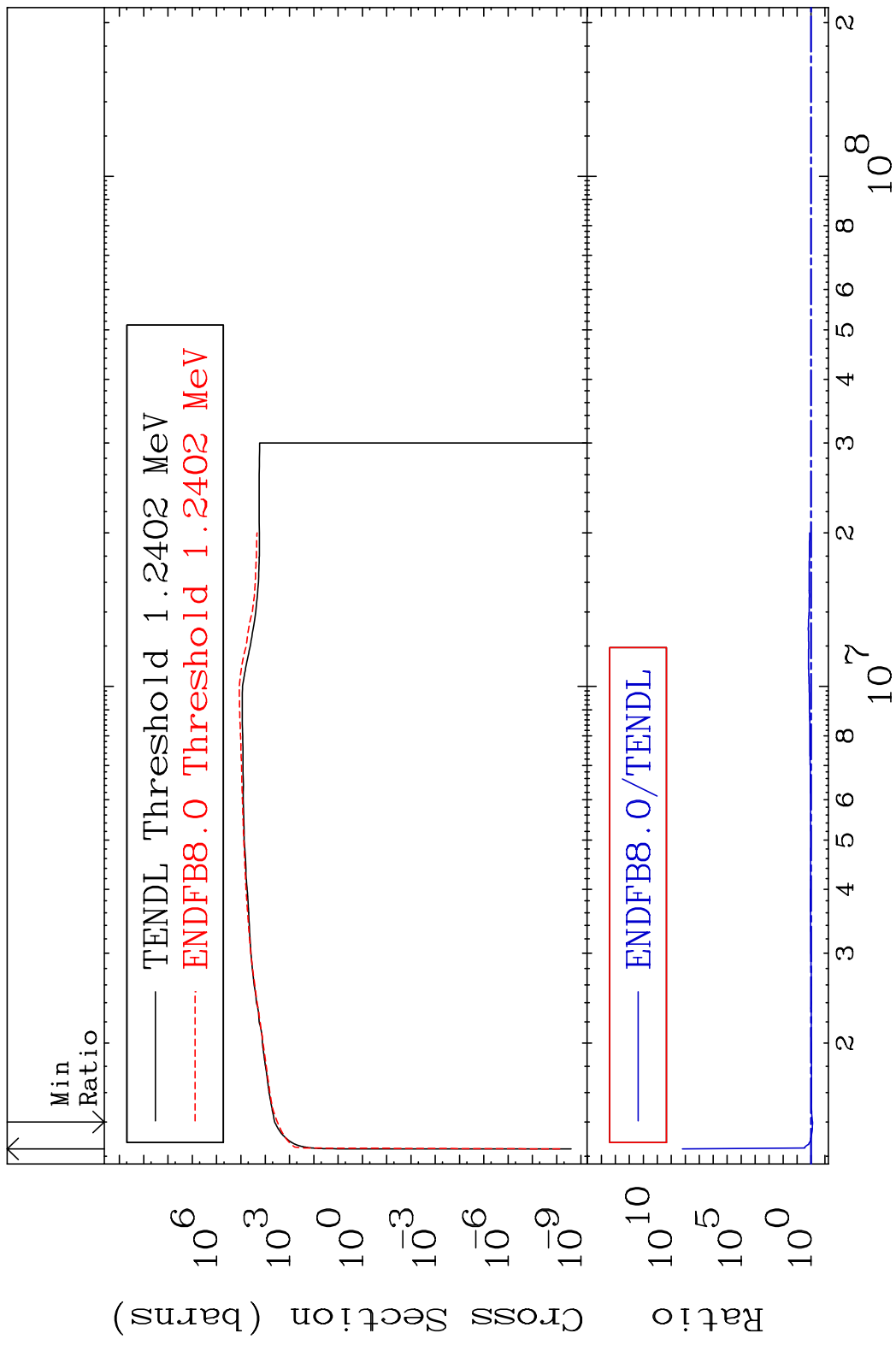


33 Incident Energy (eV) 50-Sn-118

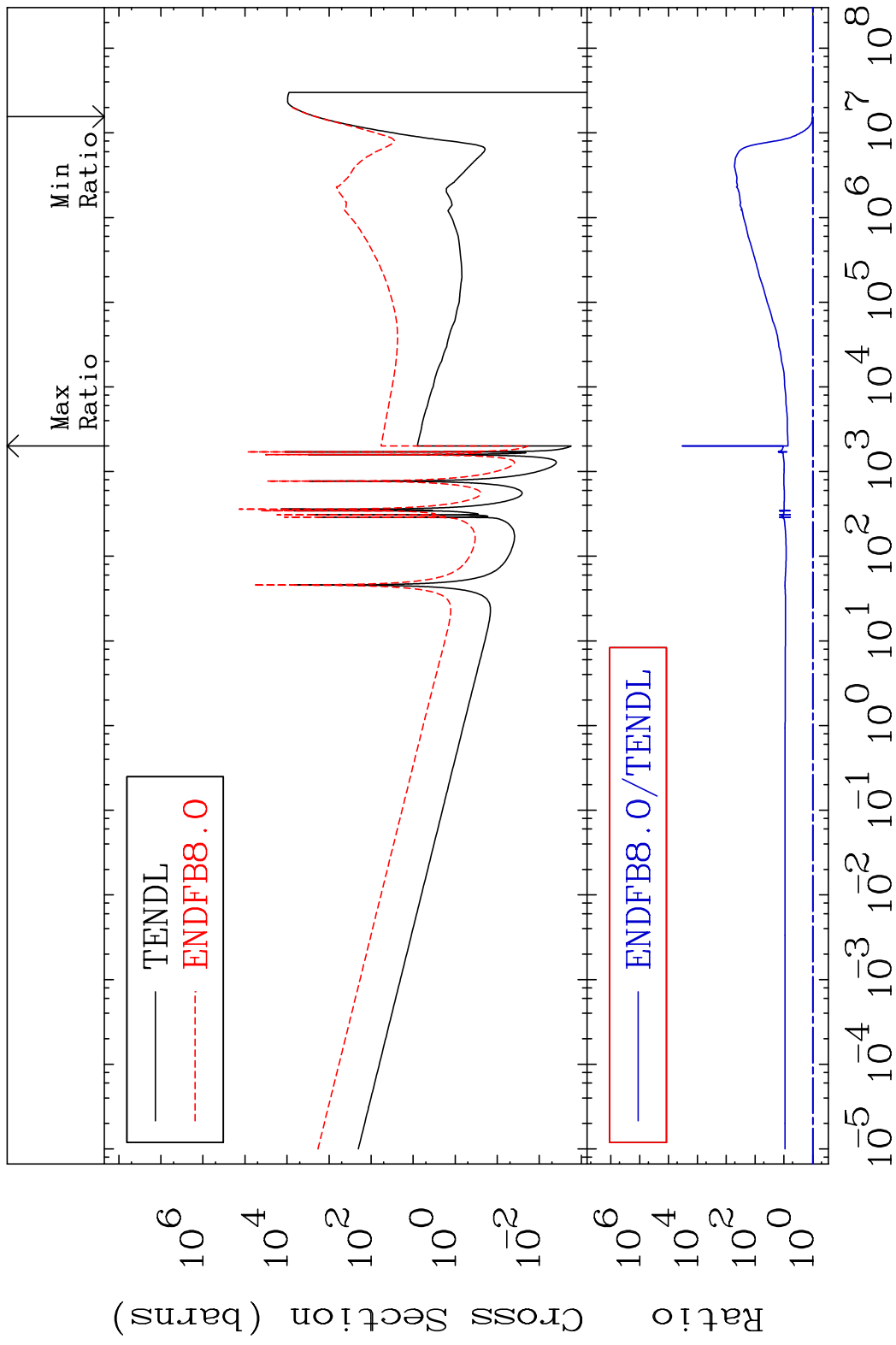
MAT 5043 Dpa elastic (mt2) 50-Sn-118
 Cross Section -88.23 To 1904. %



MAT 5043 Dpa inelastic (mt51-91) 50-Sn-118
 Cross Section -22.32 To 9999. %



MAT 5043 Dpa disappearance (mt102 -120) 50-Sn-118
 Cross Section 1.845 To 9999. %



36 Incident Energy (eV) 50-Sn-118