

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

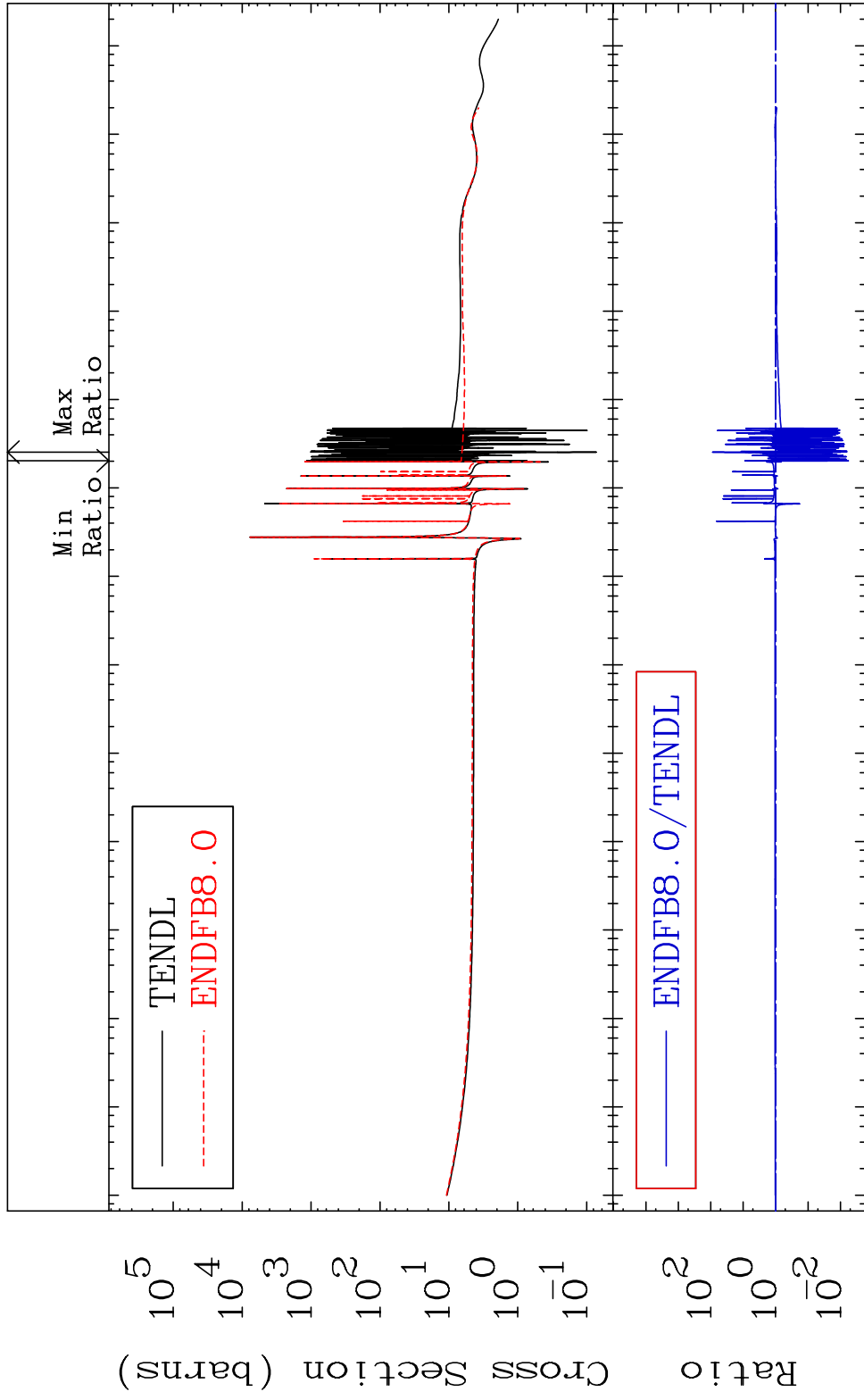
MAT 5031

Total

50-Sn-114

Cross Section

-99.43 To 8812. %



1

Incident Energy (eV)

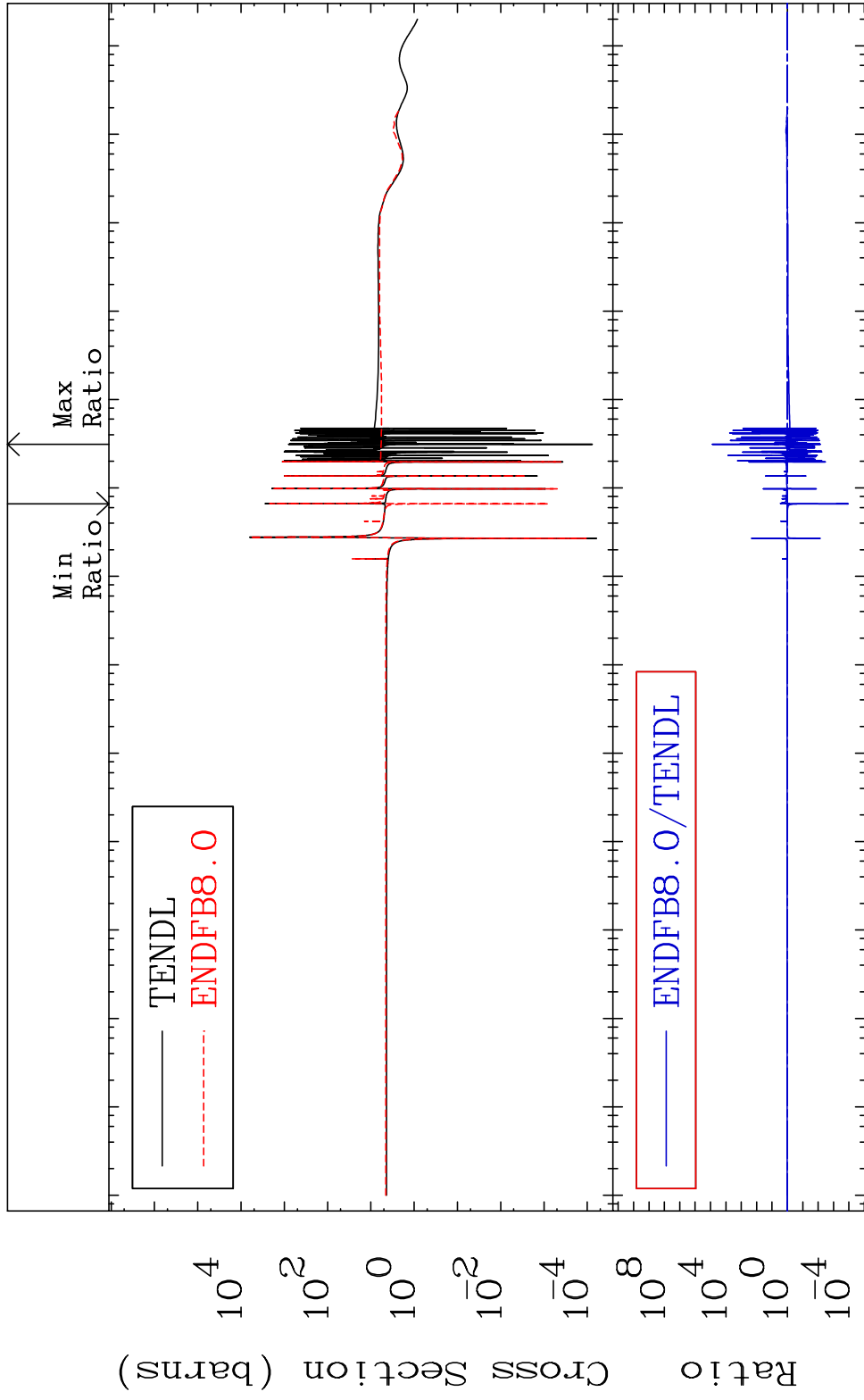
50-Sn-114

MAT 5031

Elastic

50-Sn-114

Cross Section -99.99 To 9999. %

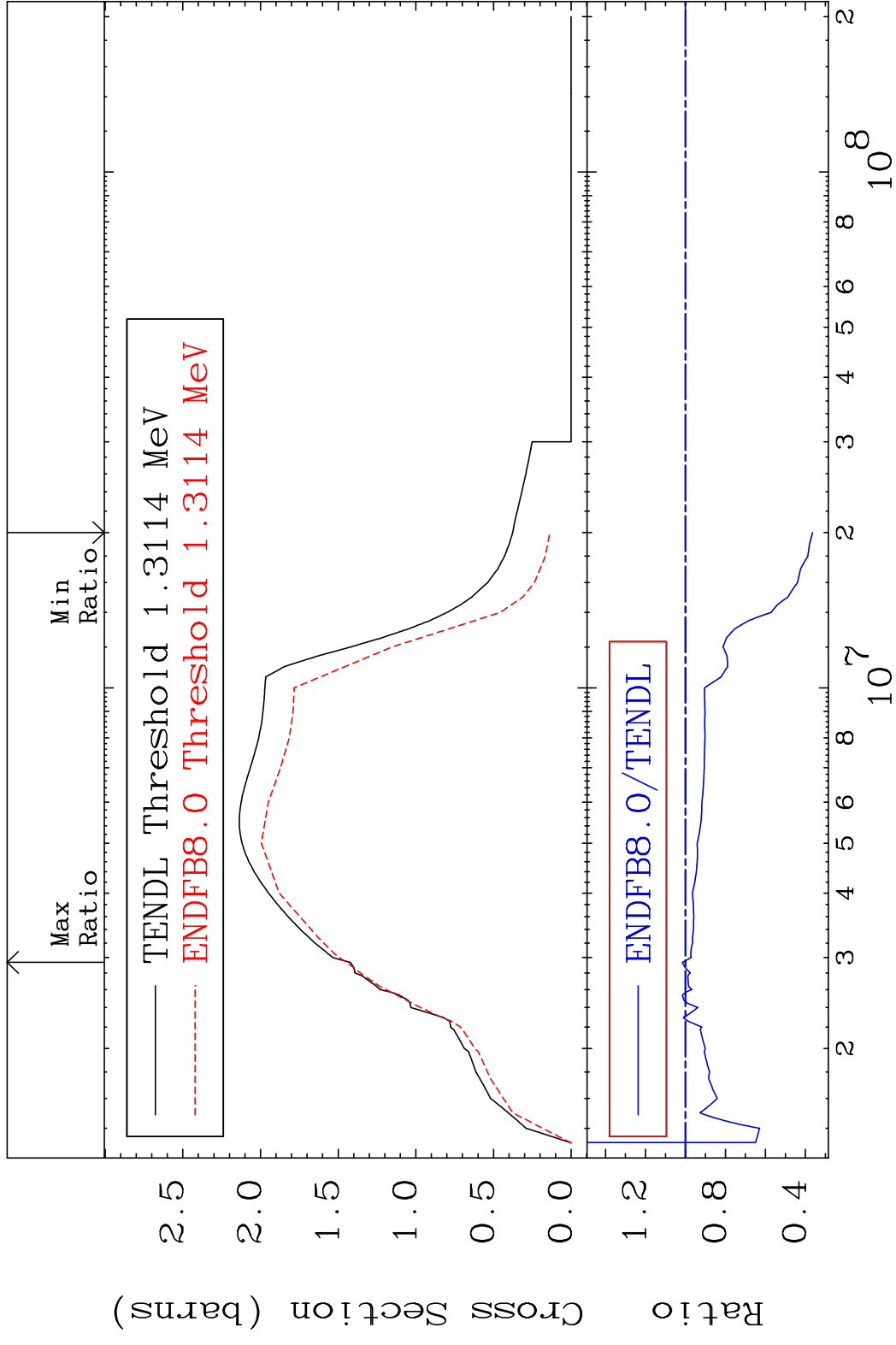


2

Incident Energy (eV)

50-Sn-114

MAT 5031 Inelastic 50-Sn-114
 Cross Section -63.57 To 1.532 %

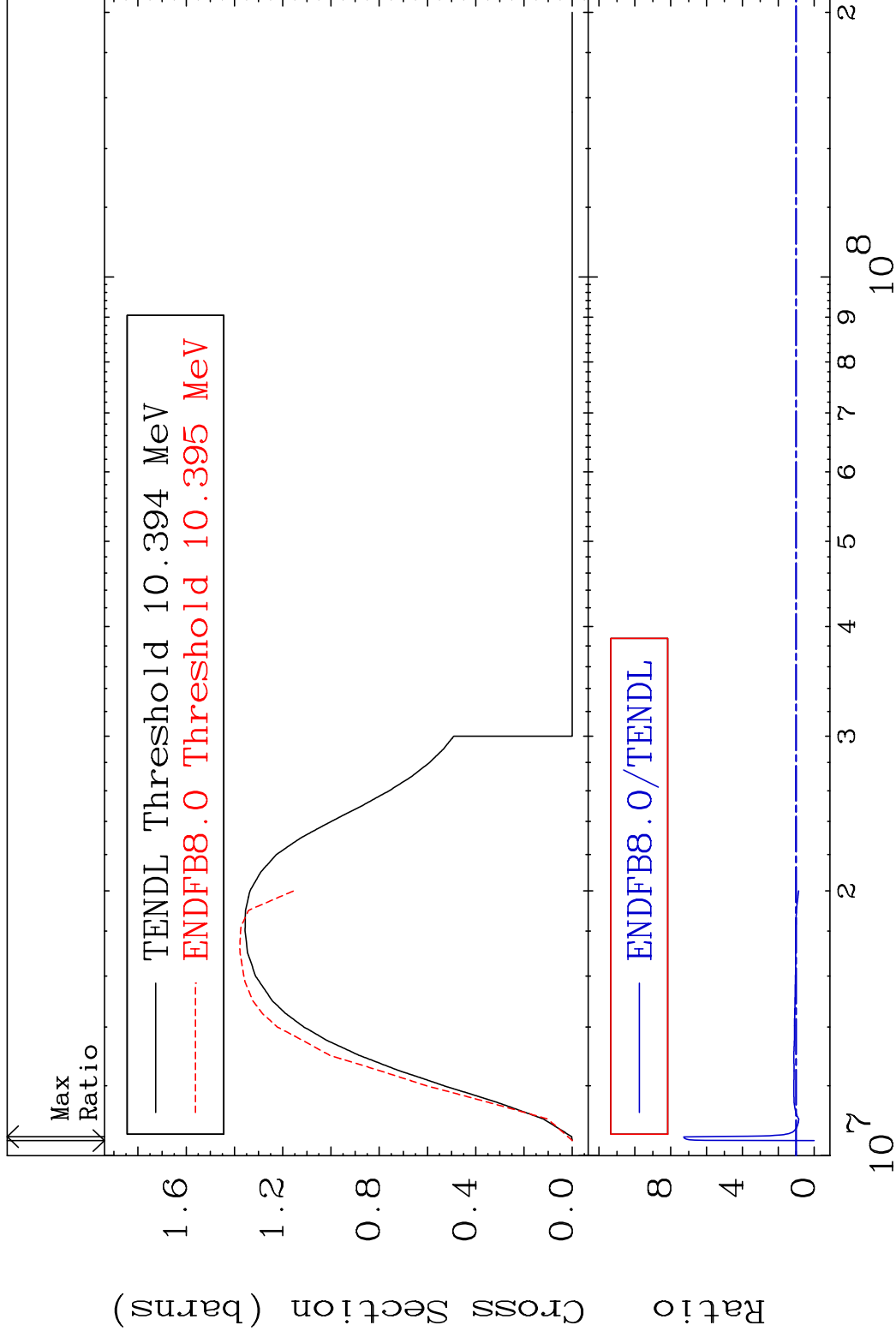


MAT 5031

(n,2n)

50-Sn-114

Cross Section -100.0 To 627.7 %



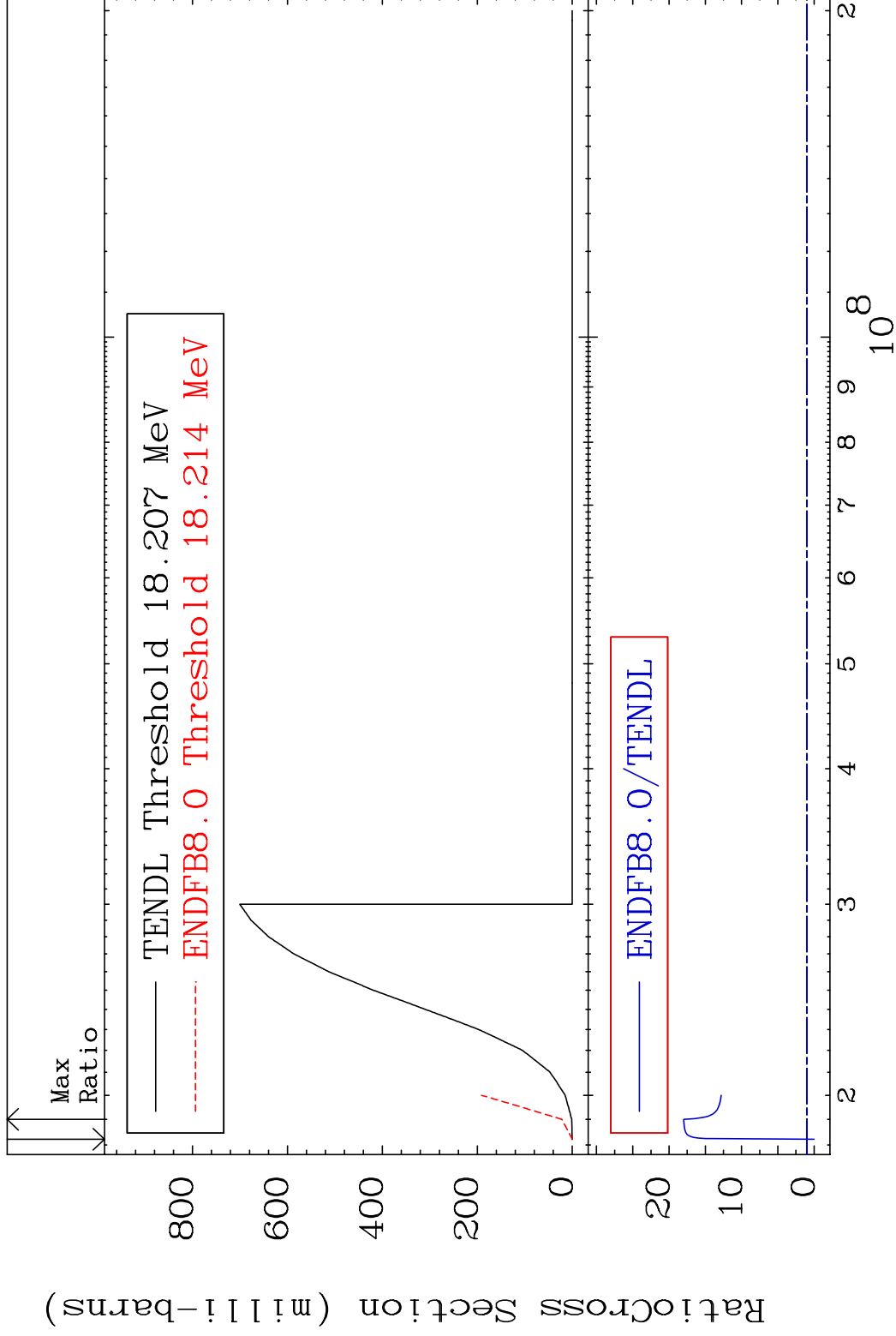
4 Incident Energy (eV) 50-Sn-114

MAT 5031

(n,3n)

50-Sn-114

Cross Section -100.0 To 1699. %



5

Incident Energy (eV)

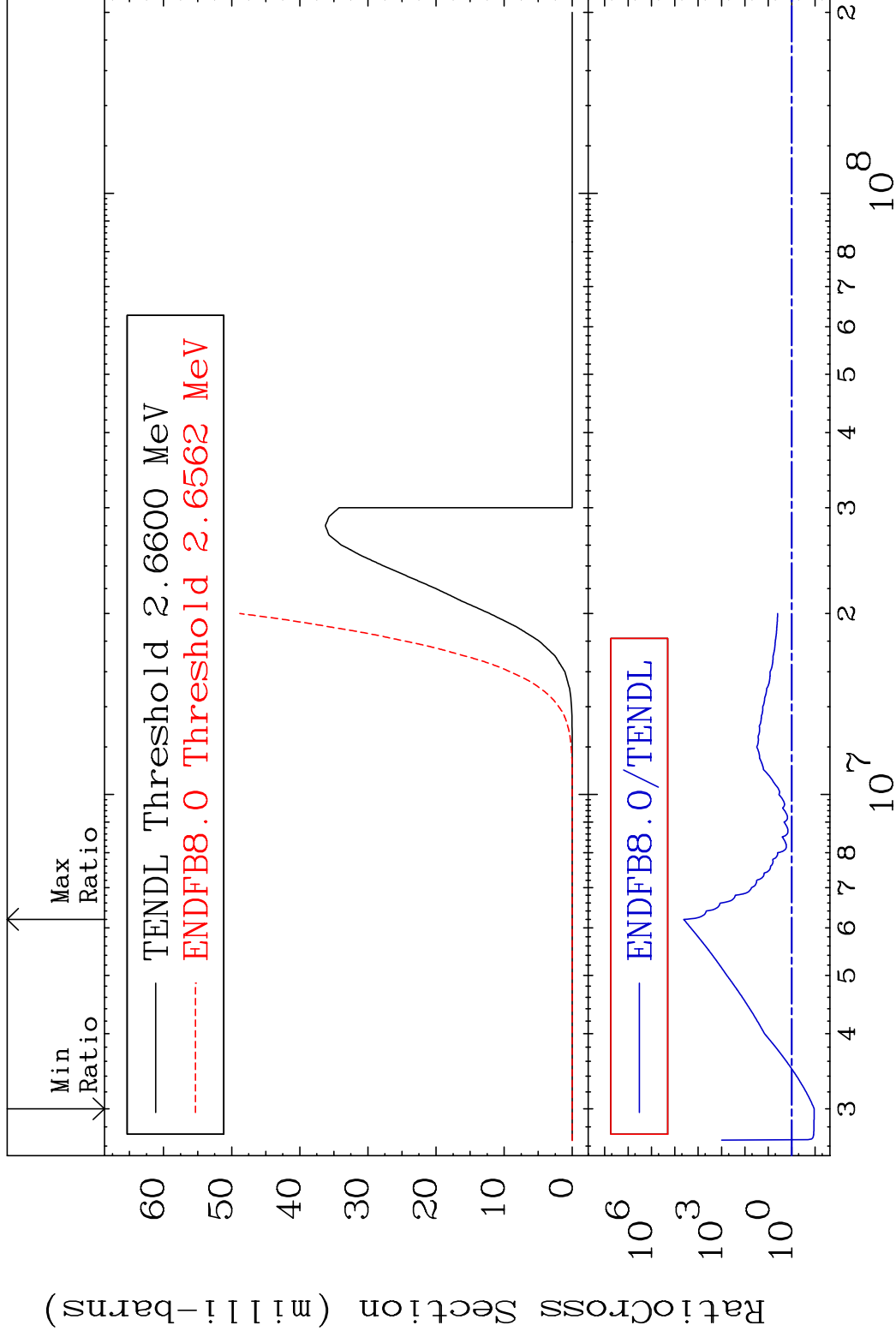
50-Sn-114

MAT 5031

(n, n') α

50-Sn-114

Cross Section -89.01 To 9999. %



6

Incident Energy (eV)

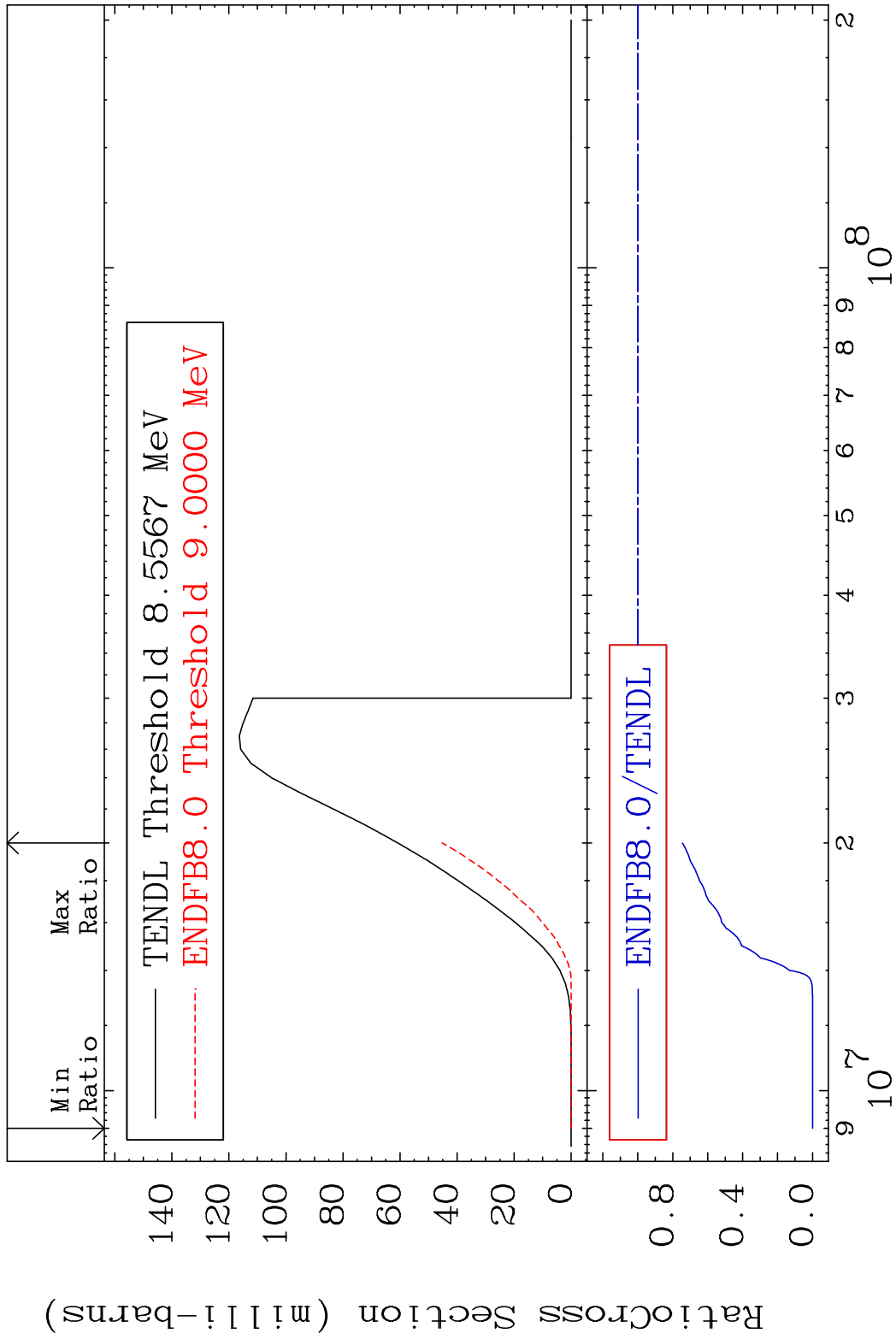
50-Sn-114

MAT 5031

(n, n') p

50-Sn-114

Cross Section -100.0 To -25.51%

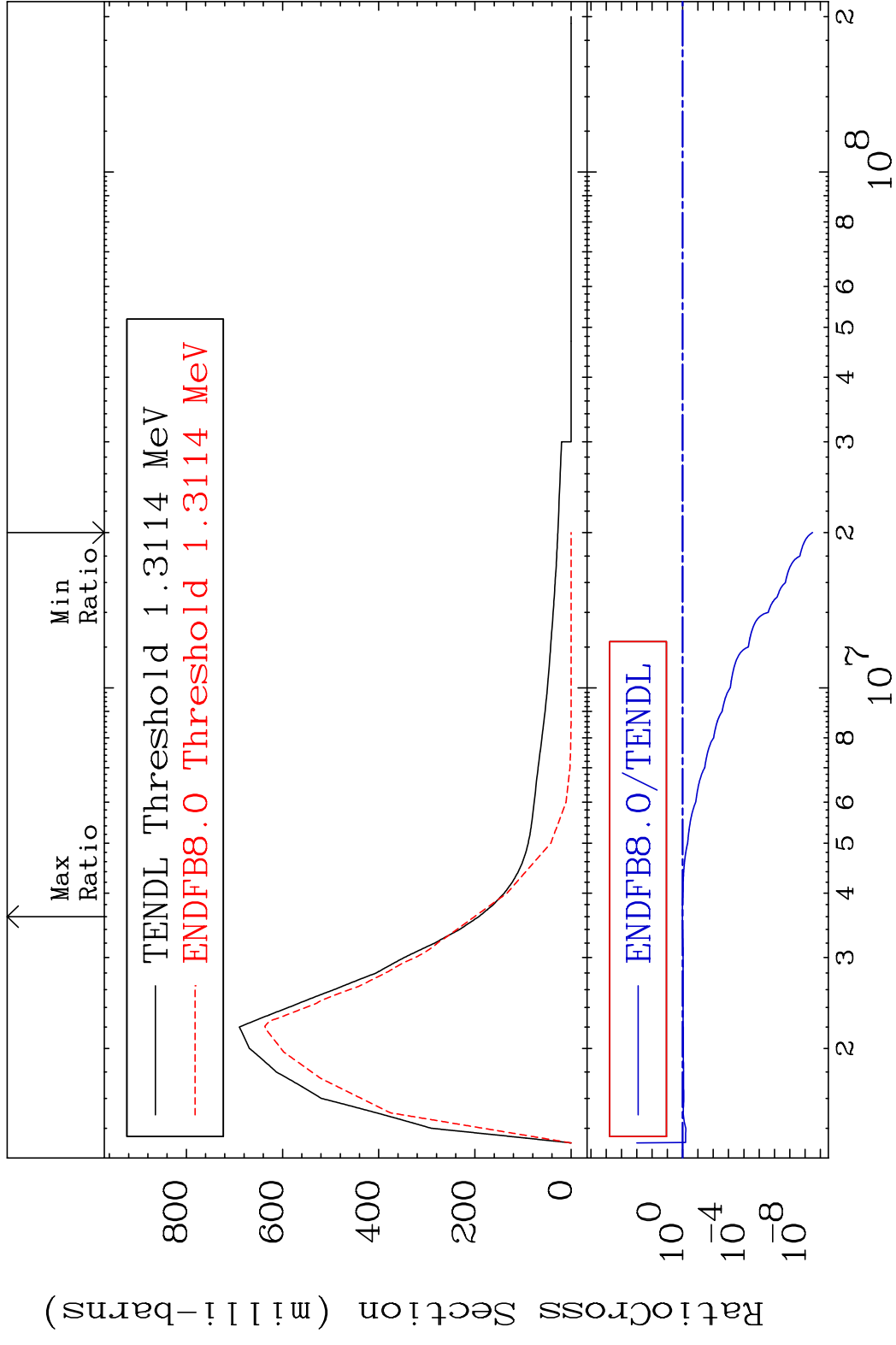


7

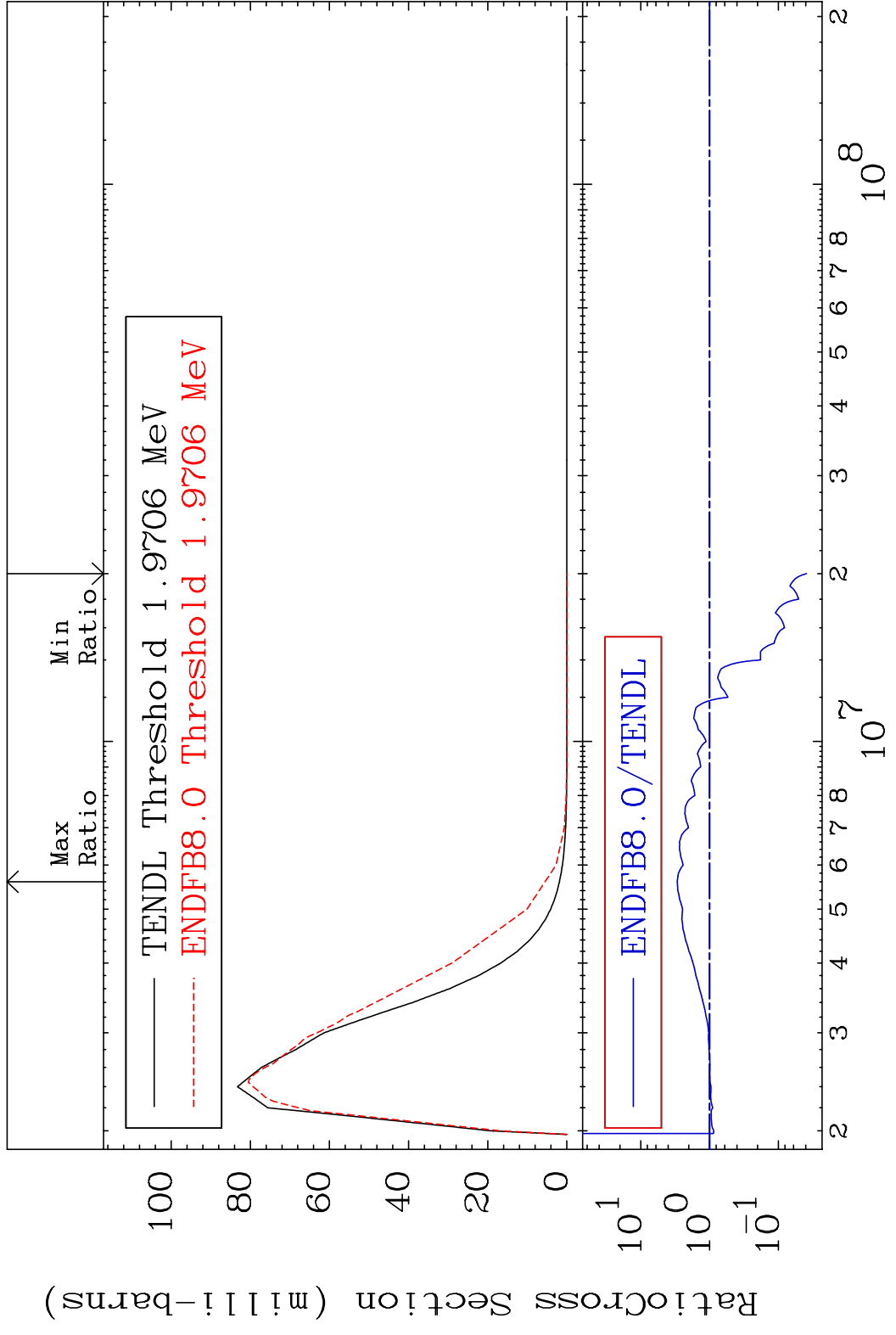
Incident Energy (eV)

50-Sn-114

MAT 5031 MT= 51 (n, n') Level 50-Sn-114
 Cross Section -100.0 To 4.779 %



MAT 5031 MT= 52 (n, n') Level 50-Sn-114
 Cross Section -96.09 To 194.9 %

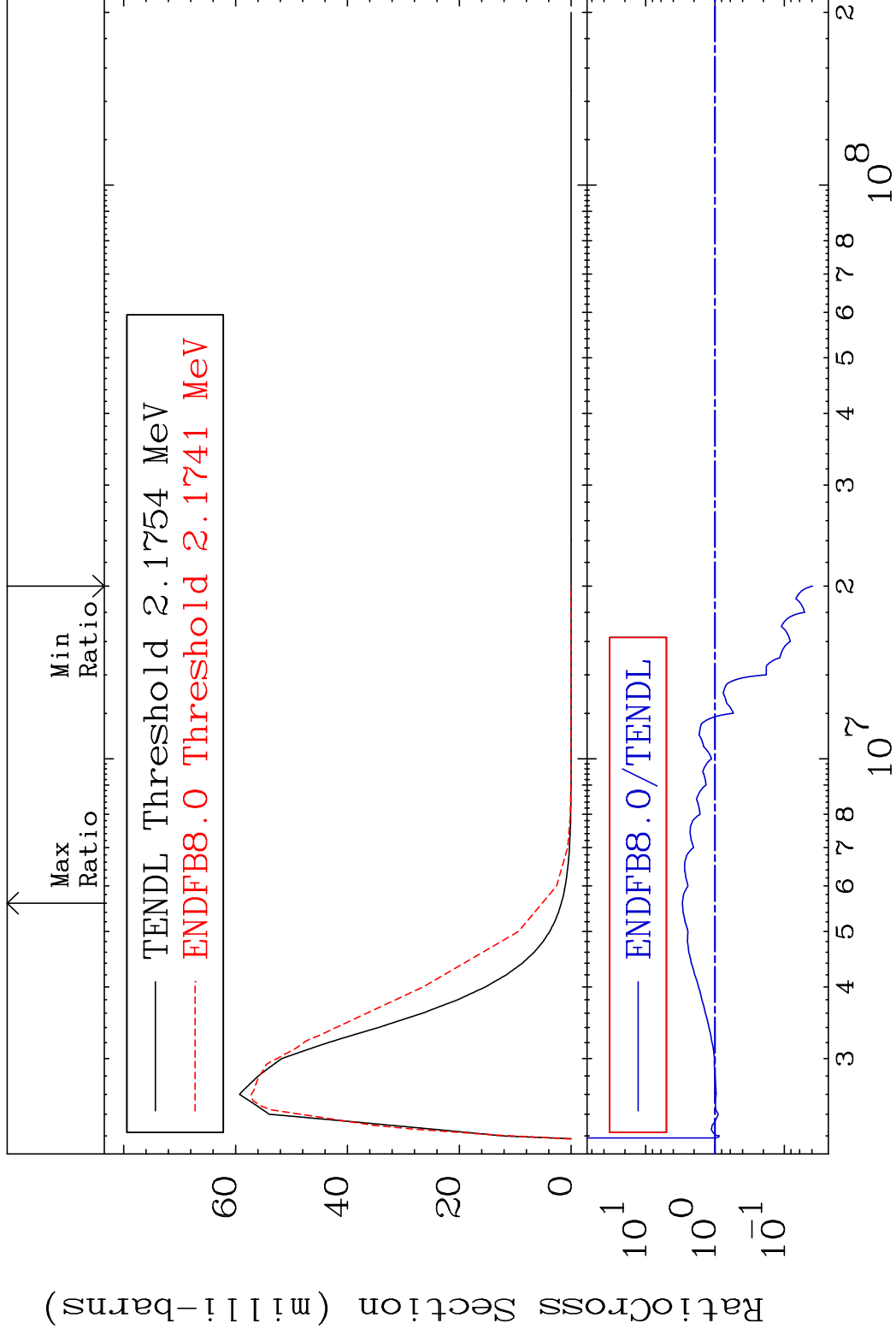


MAT 5031

MT= 53 (n, n') Level

50-Sn-114

Cross Section -96.10 To 195.7 %

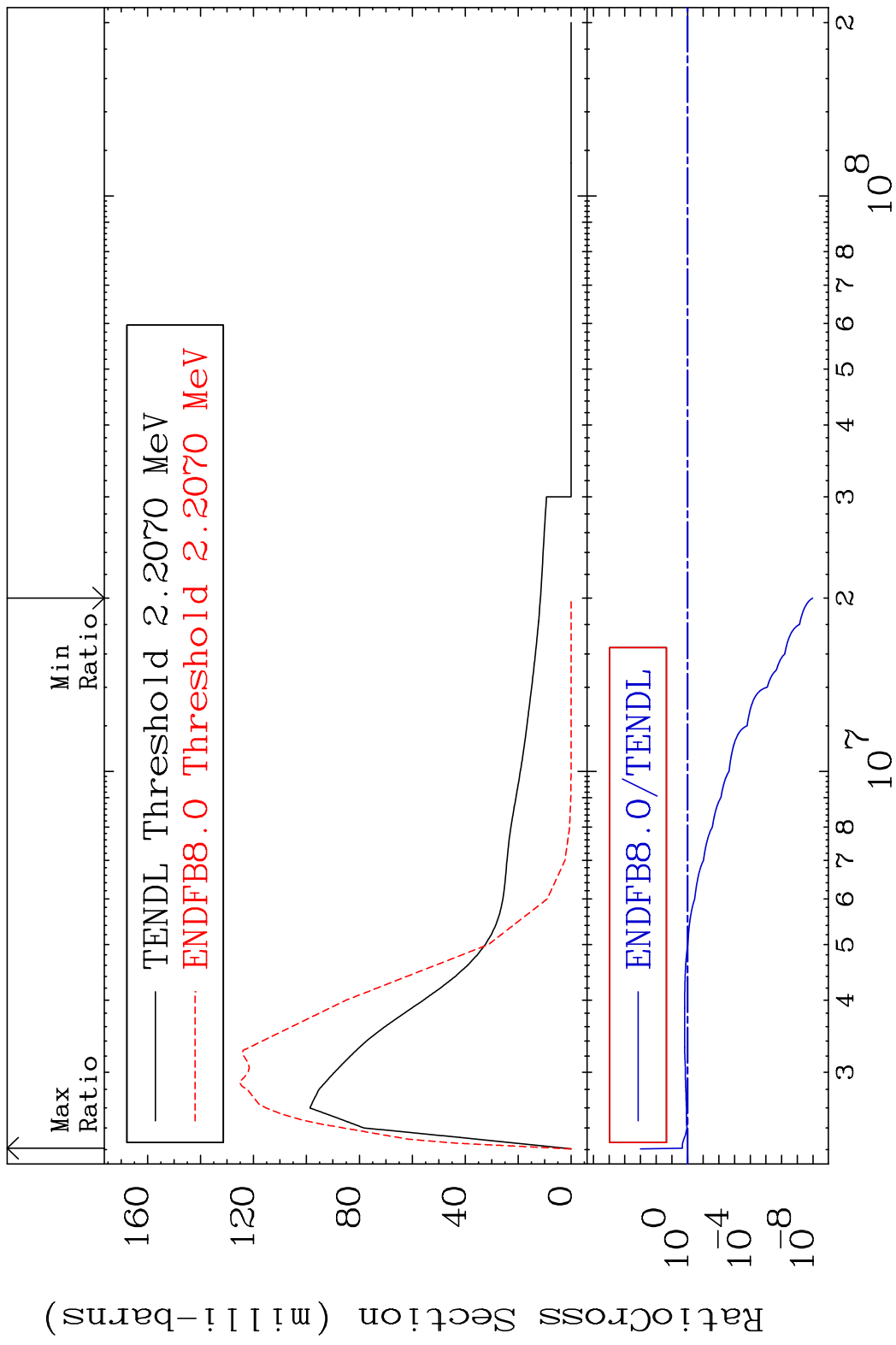


10

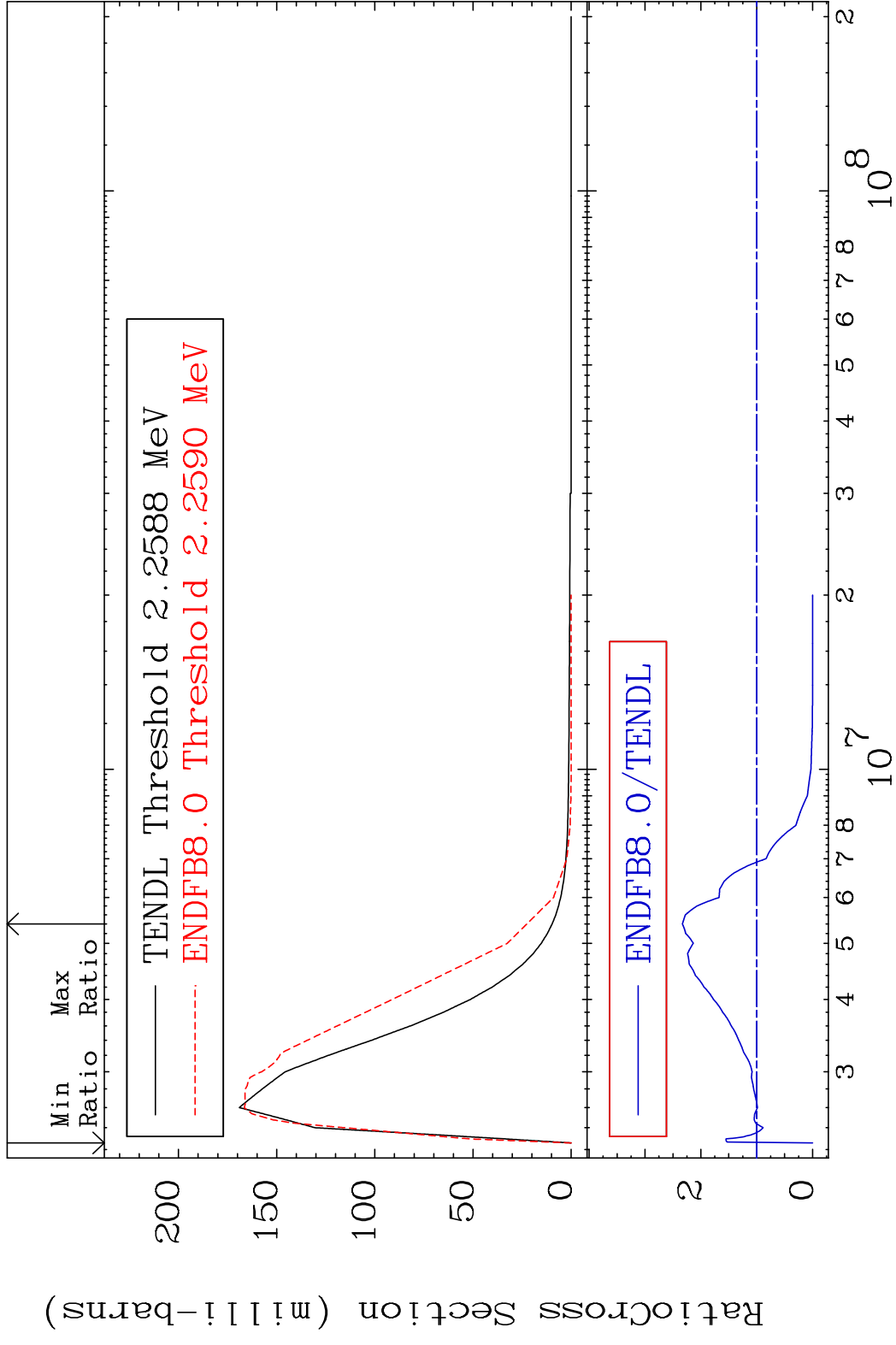
Incident Energy (eV)

50-Sn-114

MAT 5031 MT= 54 (n, n') Level 50-Sn-114
 Cross Section -100.0 To 113.7 %

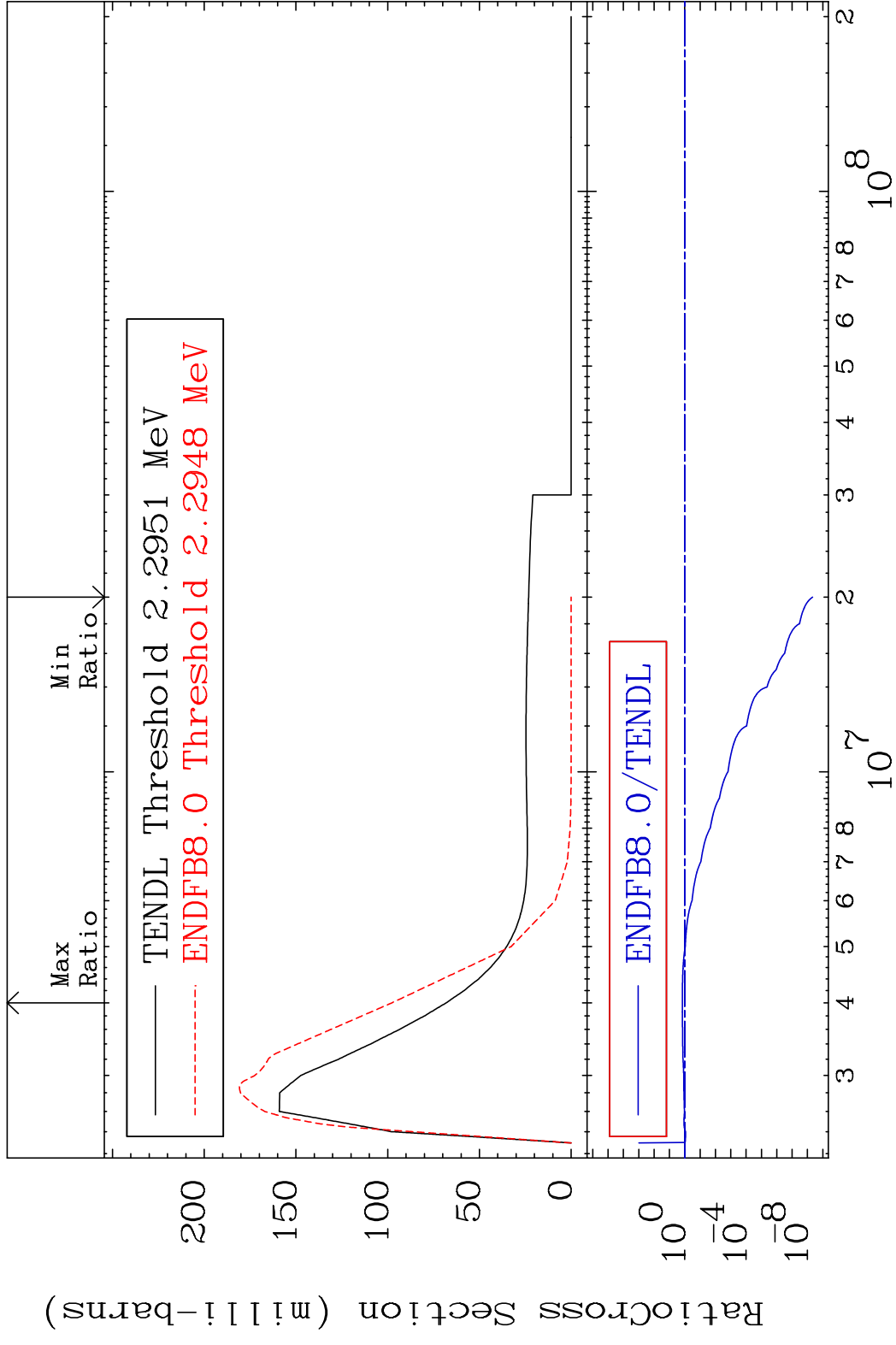


MAT 5031 MT= 55 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 133.1 %

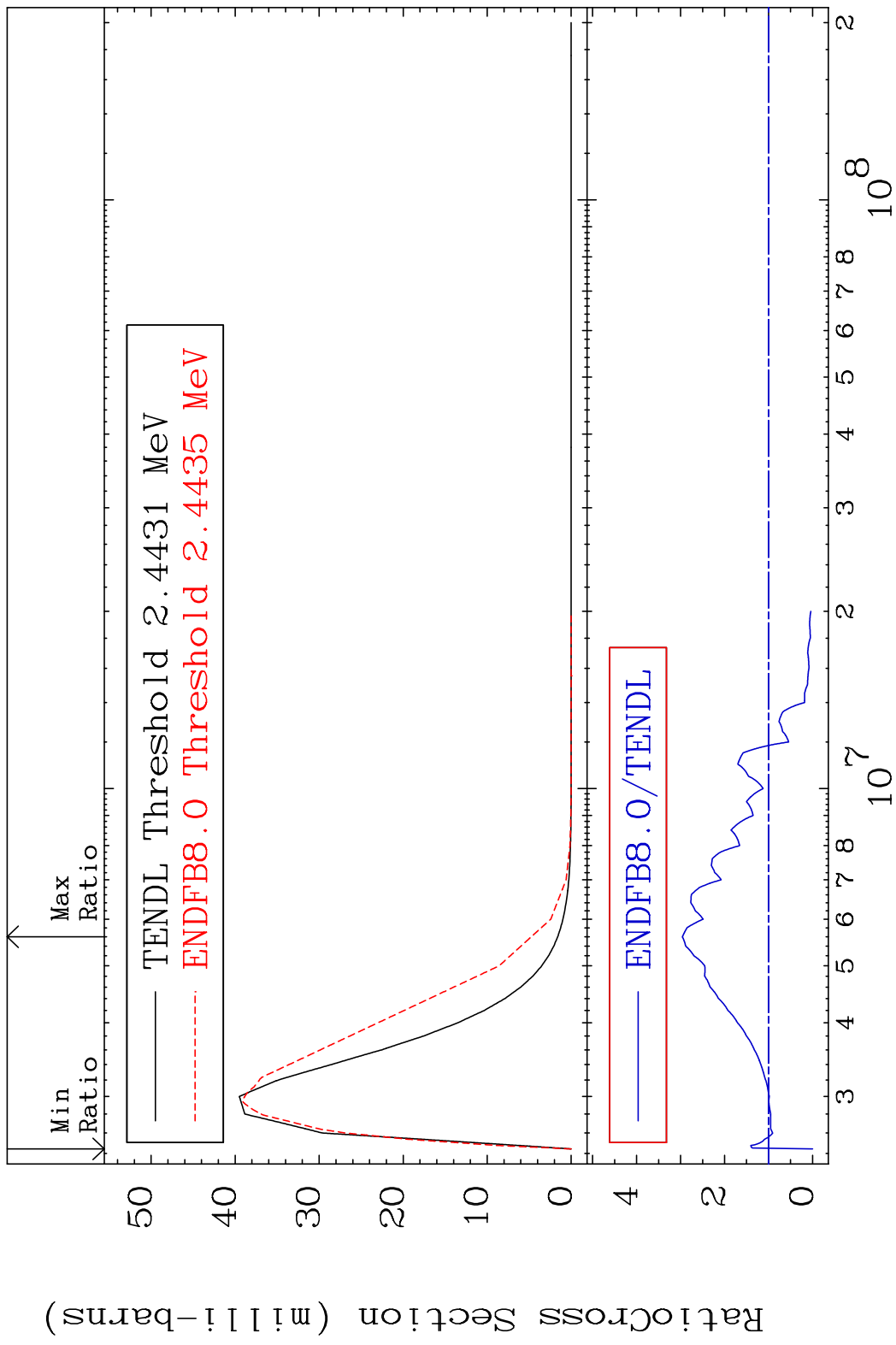


12 Incident Energy (eV) 50-Sn-114

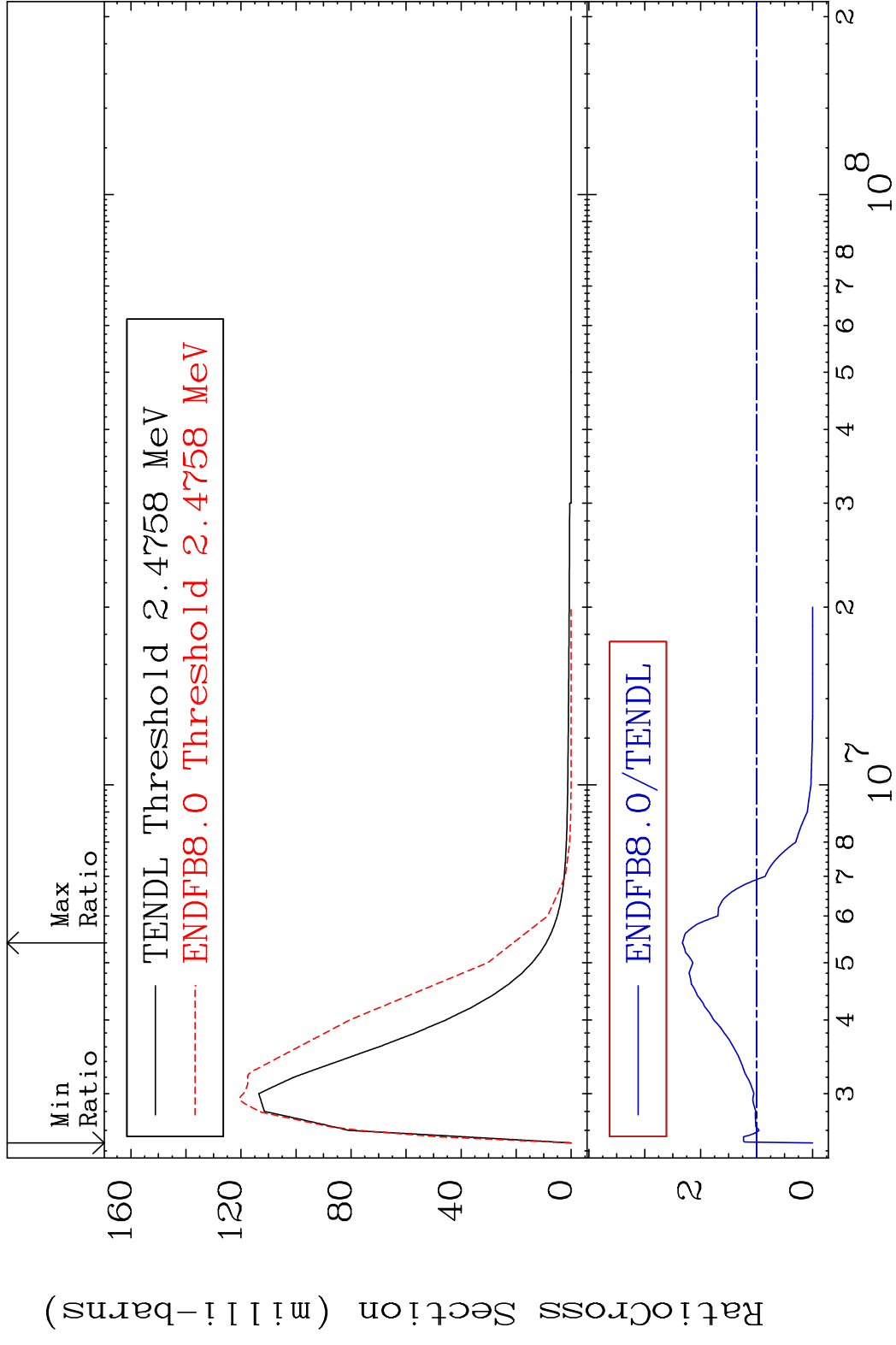
MAT 5031 MT= 56 (n, n') Level 50-Sn-114
 Cross Section -100.0 To 43.52 %



MAT 5031 MT= 57 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 196.0 %

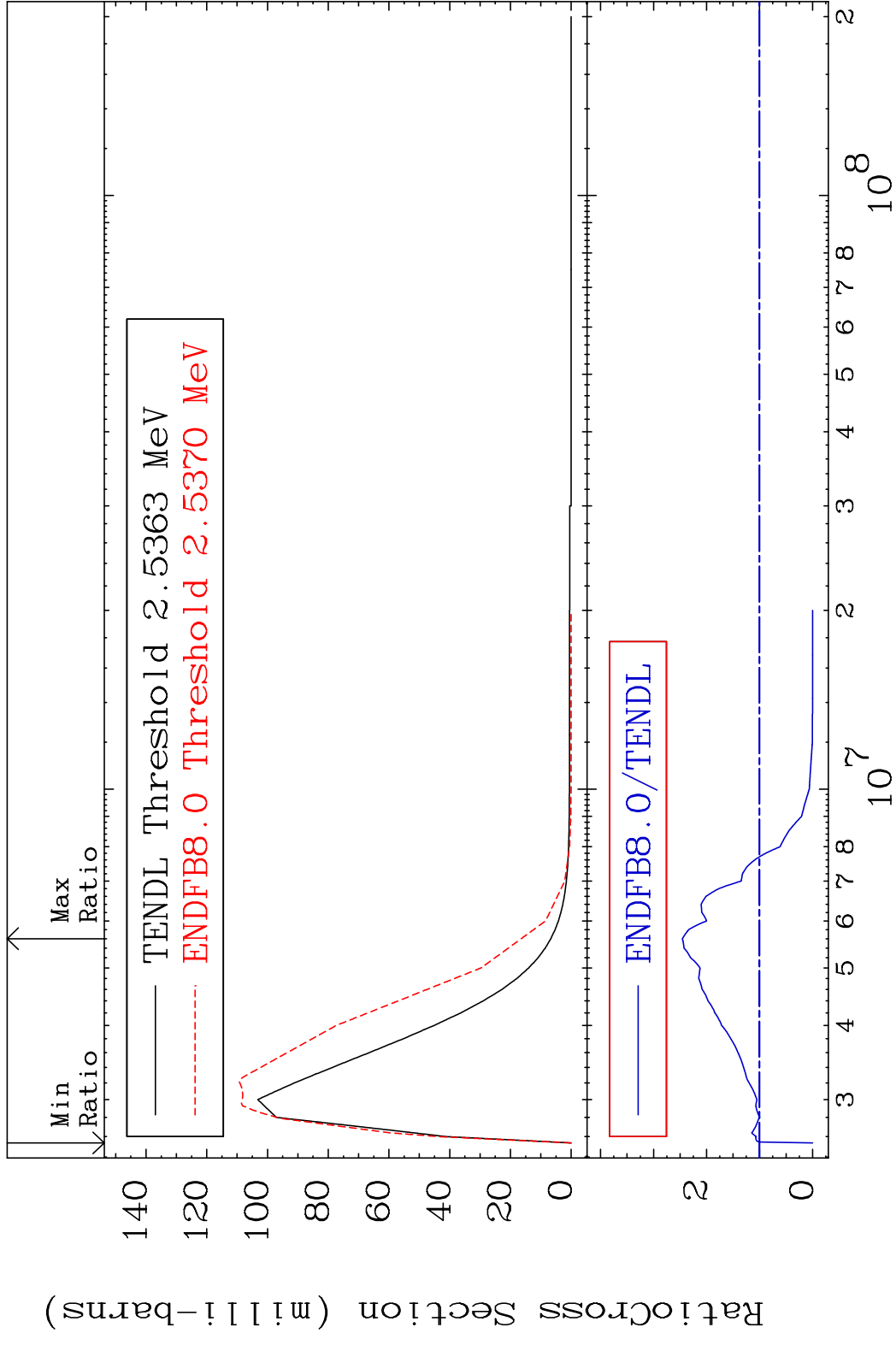


MAT 5031 MT= 58 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 132.7 %

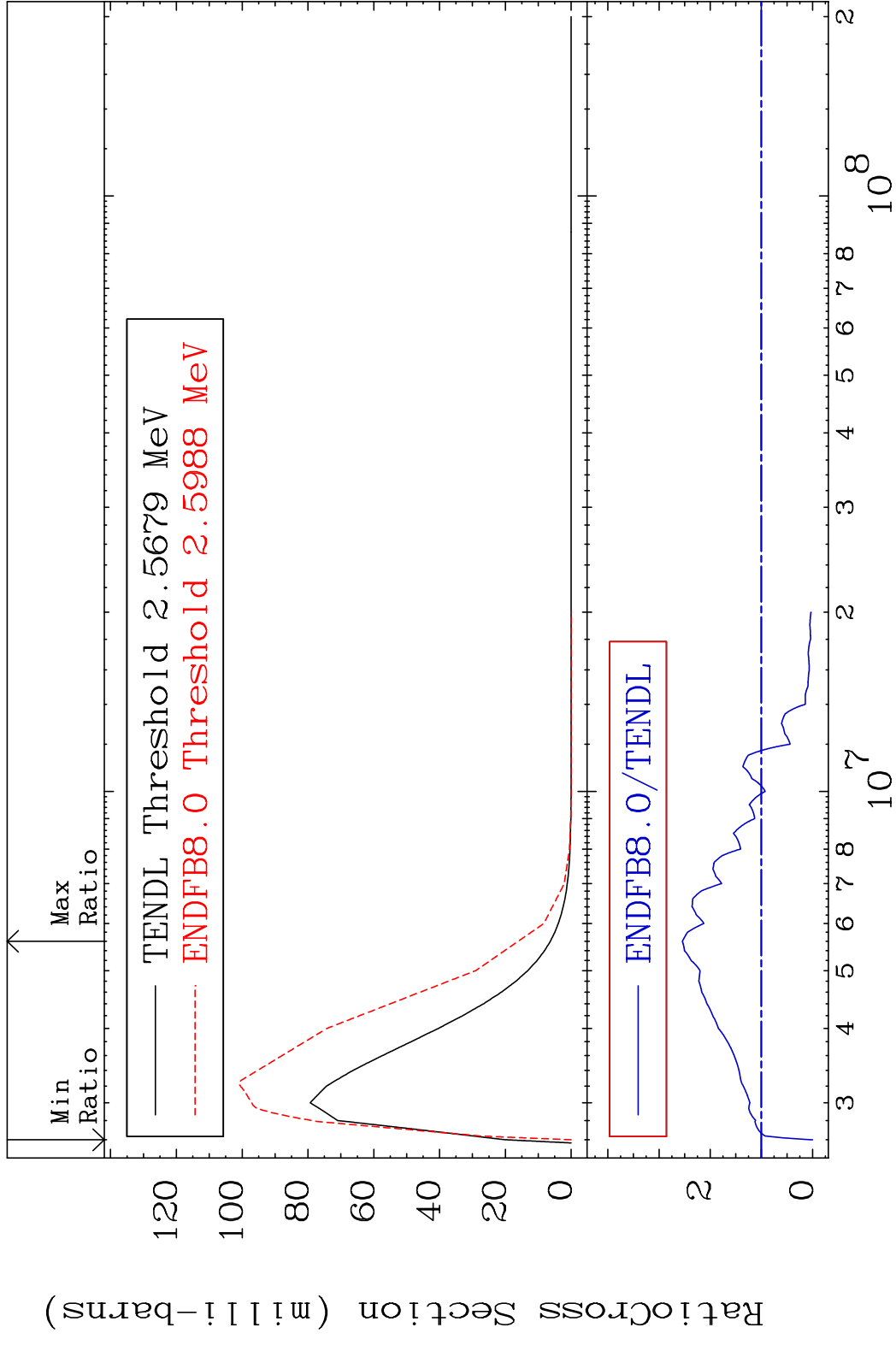


15 50-Sn-114

MAT 5031 MT= 59 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 145.7 %

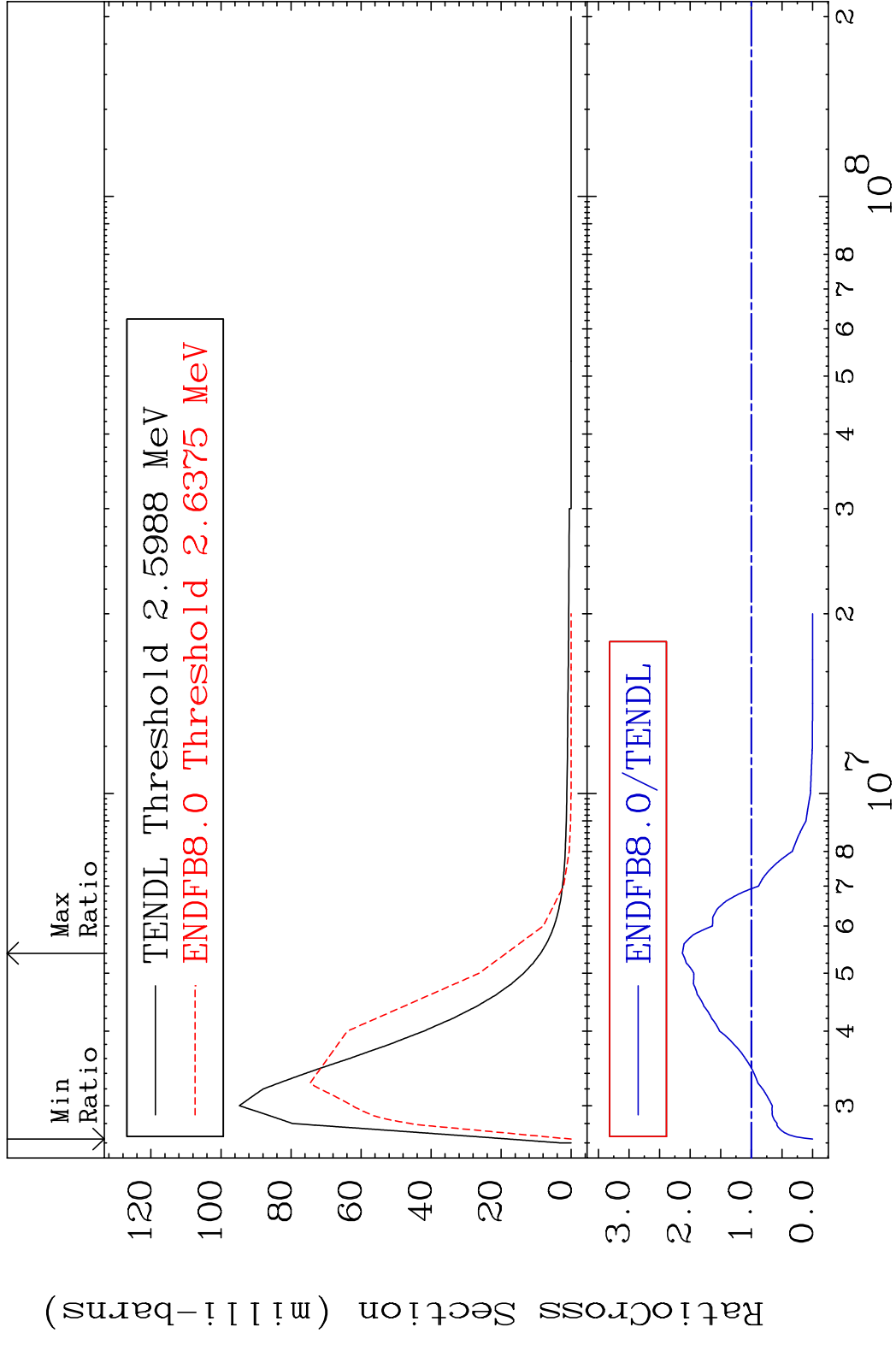


MAT 5031 MT= 60 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 154.4 %

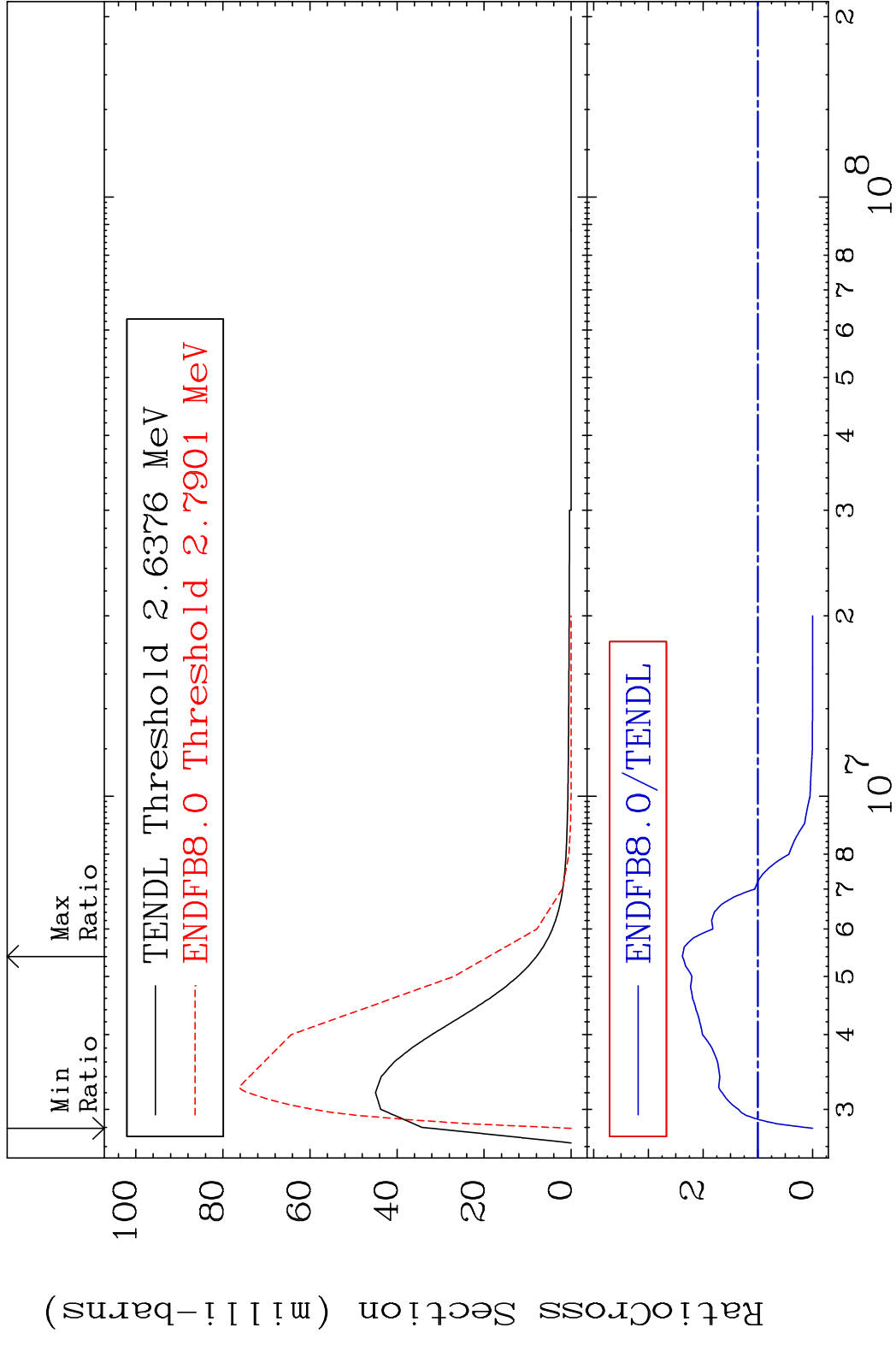


17 Incident Energy (eV) 50-Sn-114

MAT 5031 MT= 61 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 112.8 %

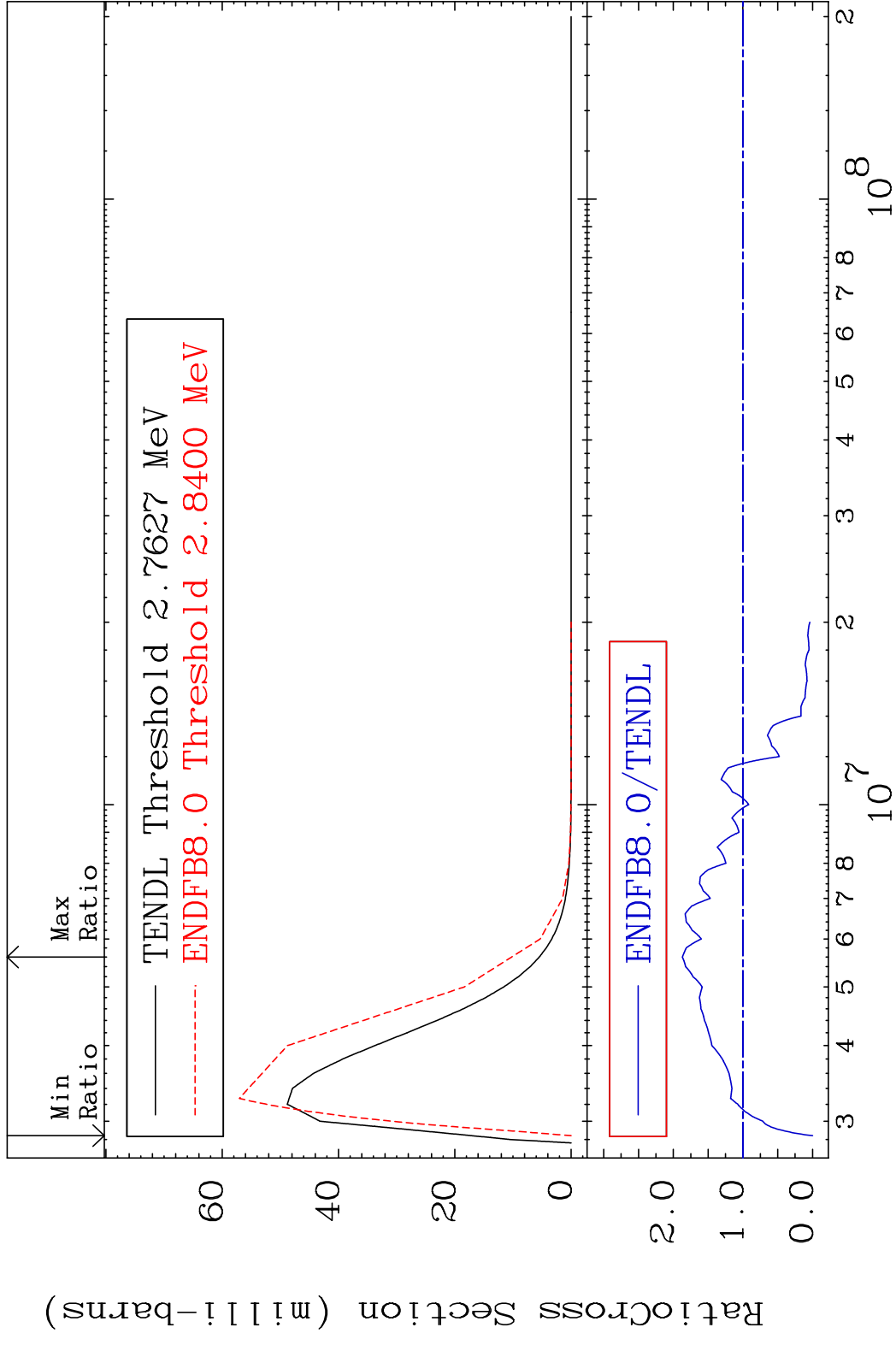


MAT 5031 MT= 62 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 137.9 %

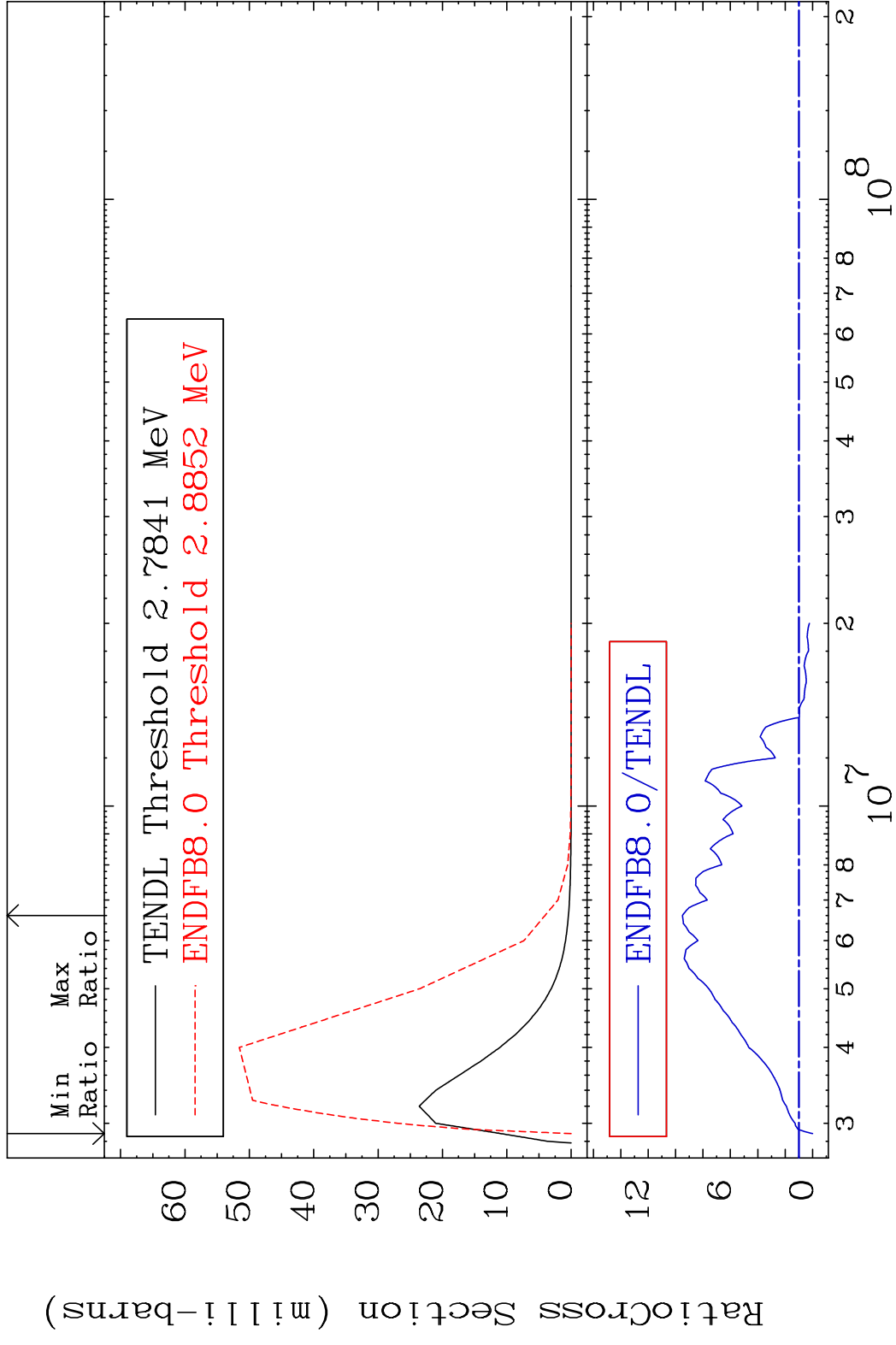


19 Incident Energy (eV) 50-Sn-114

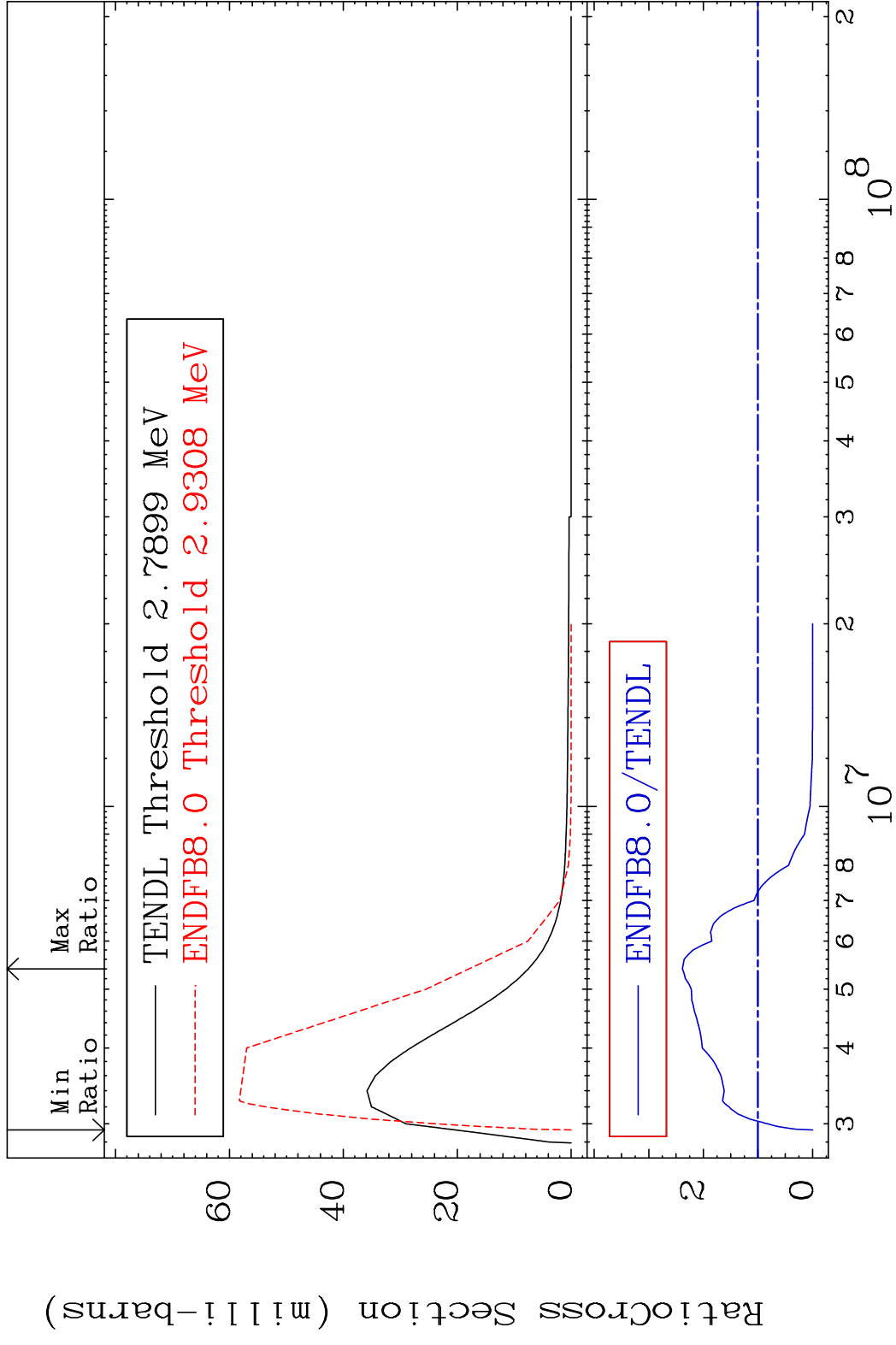
MAT 5031 MT= 63 (n, n') Level 50-Sn-114
 Cross Section -100.0 To 87.01 %



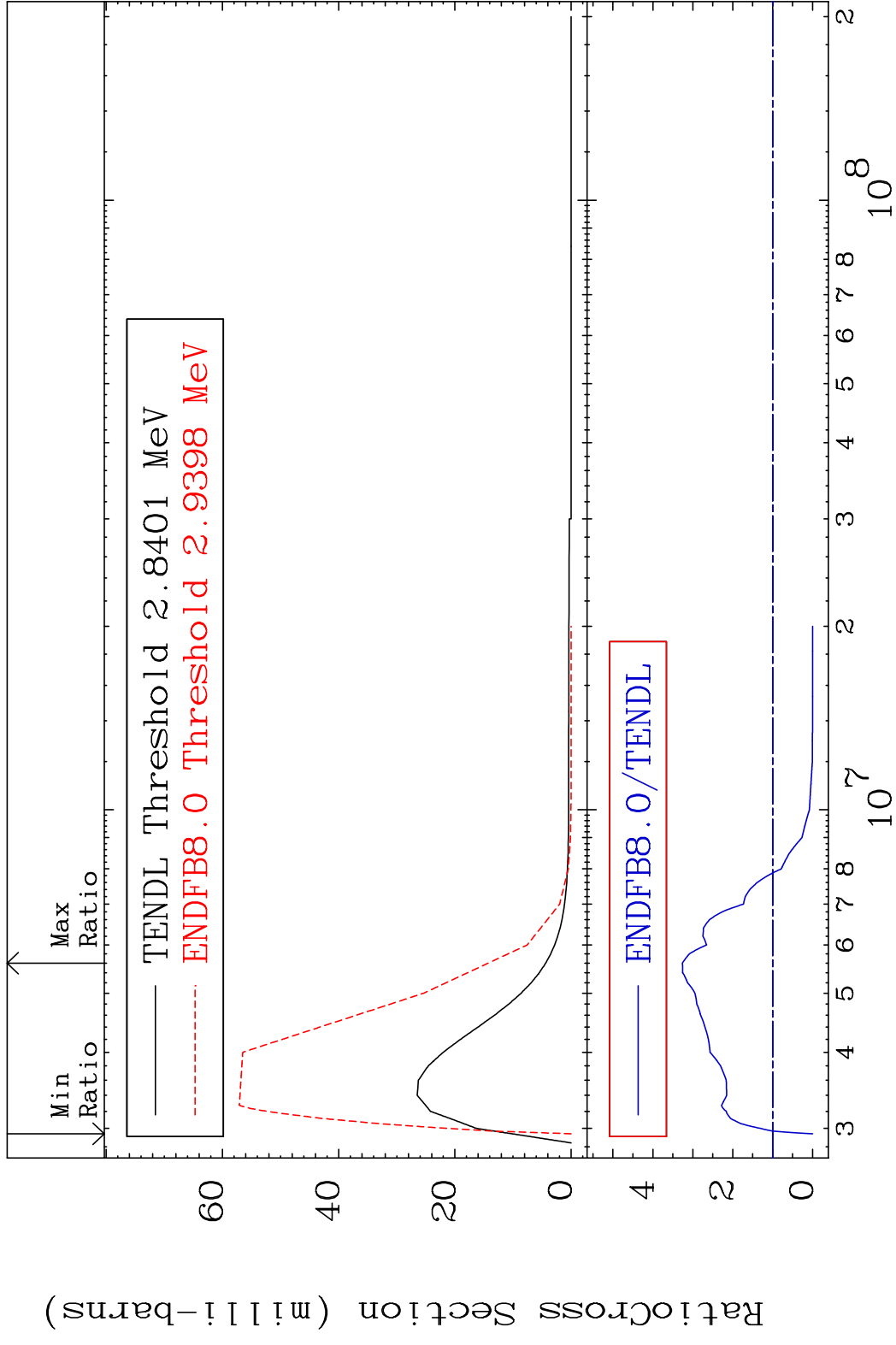
MAT 5031 MT= 64 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 850.8 %



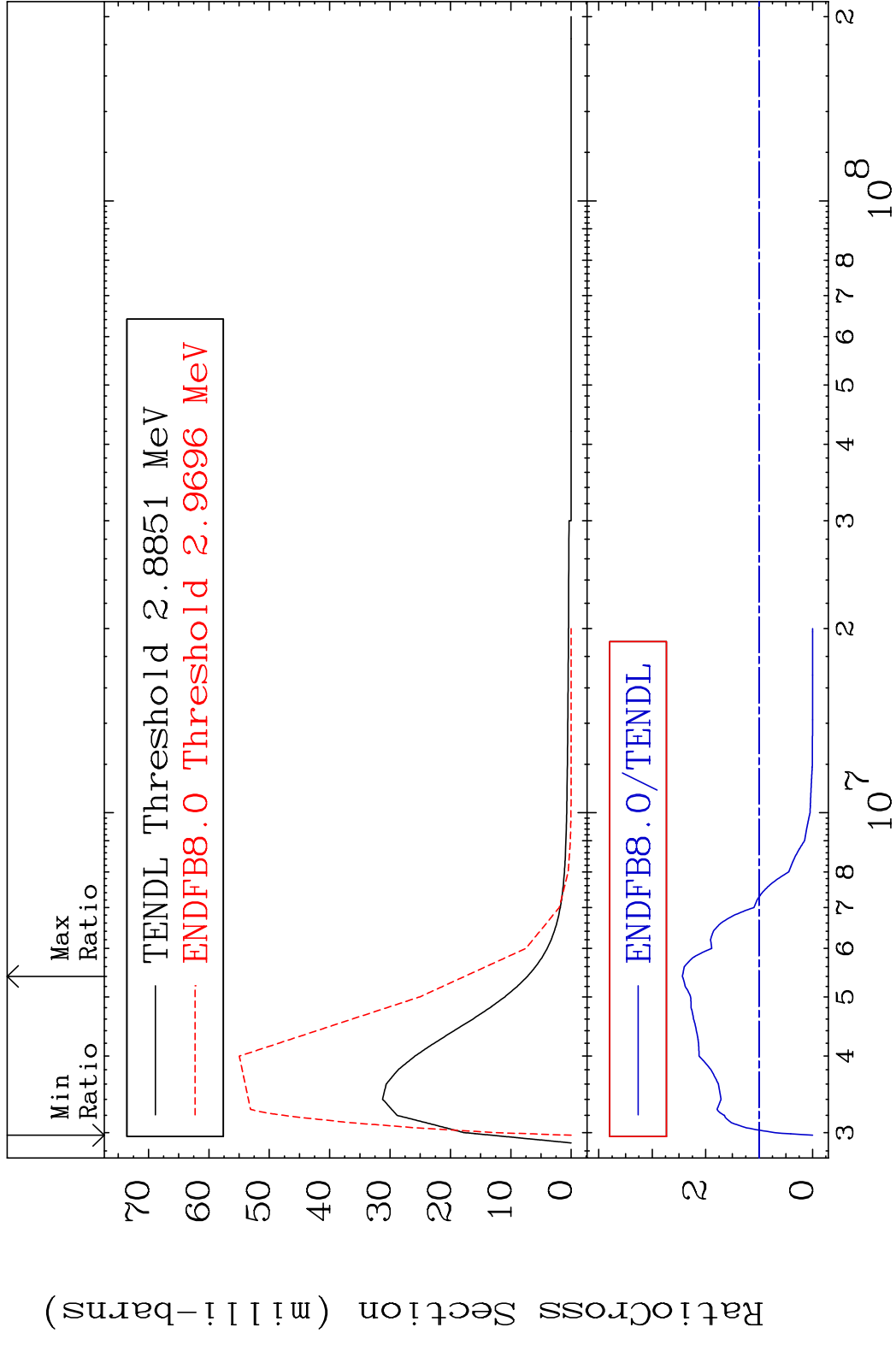
MAT 5031 MT= 65 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 138.5 %



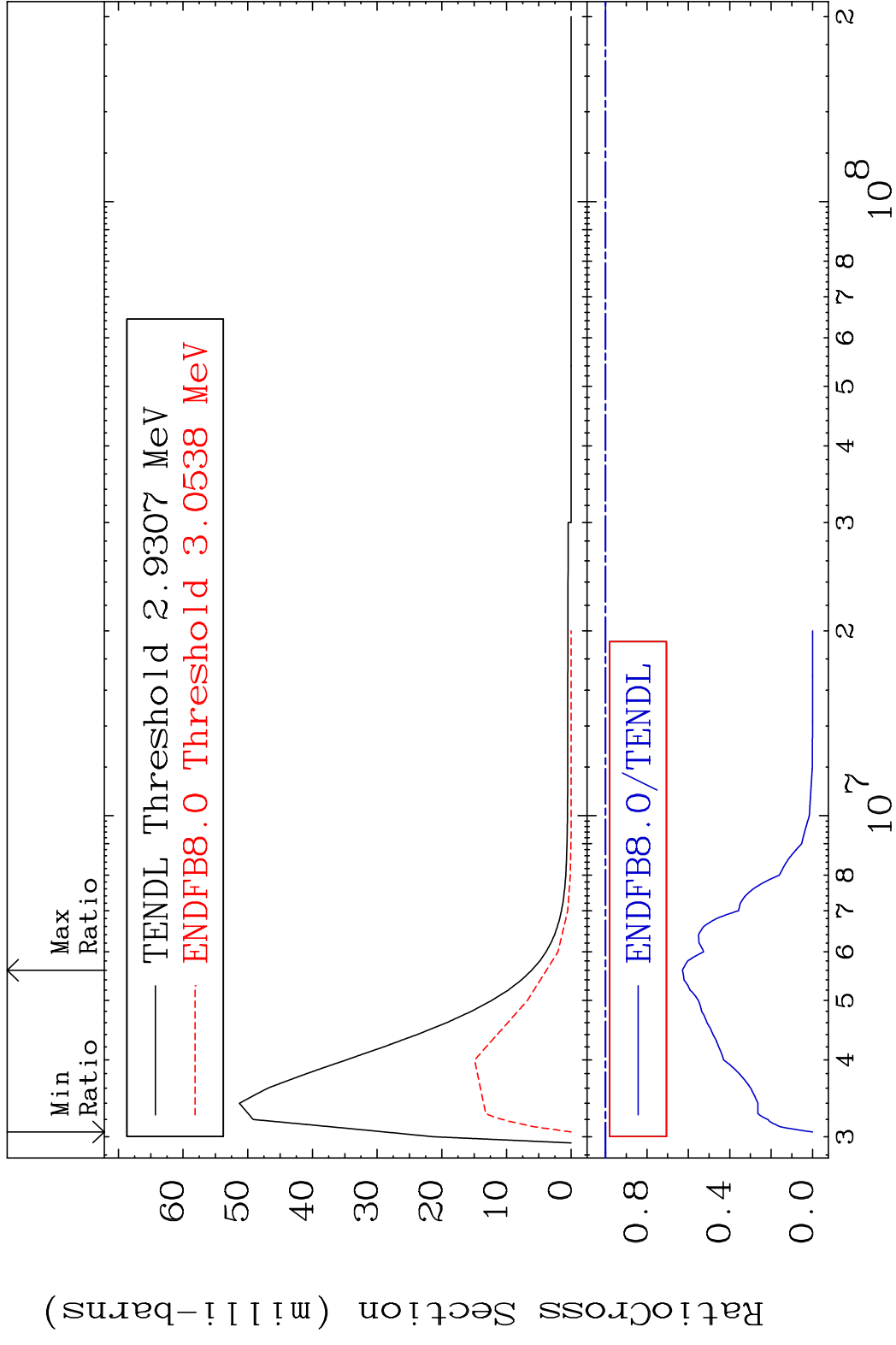
MAT 5031 MT= 66 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 226.1 %



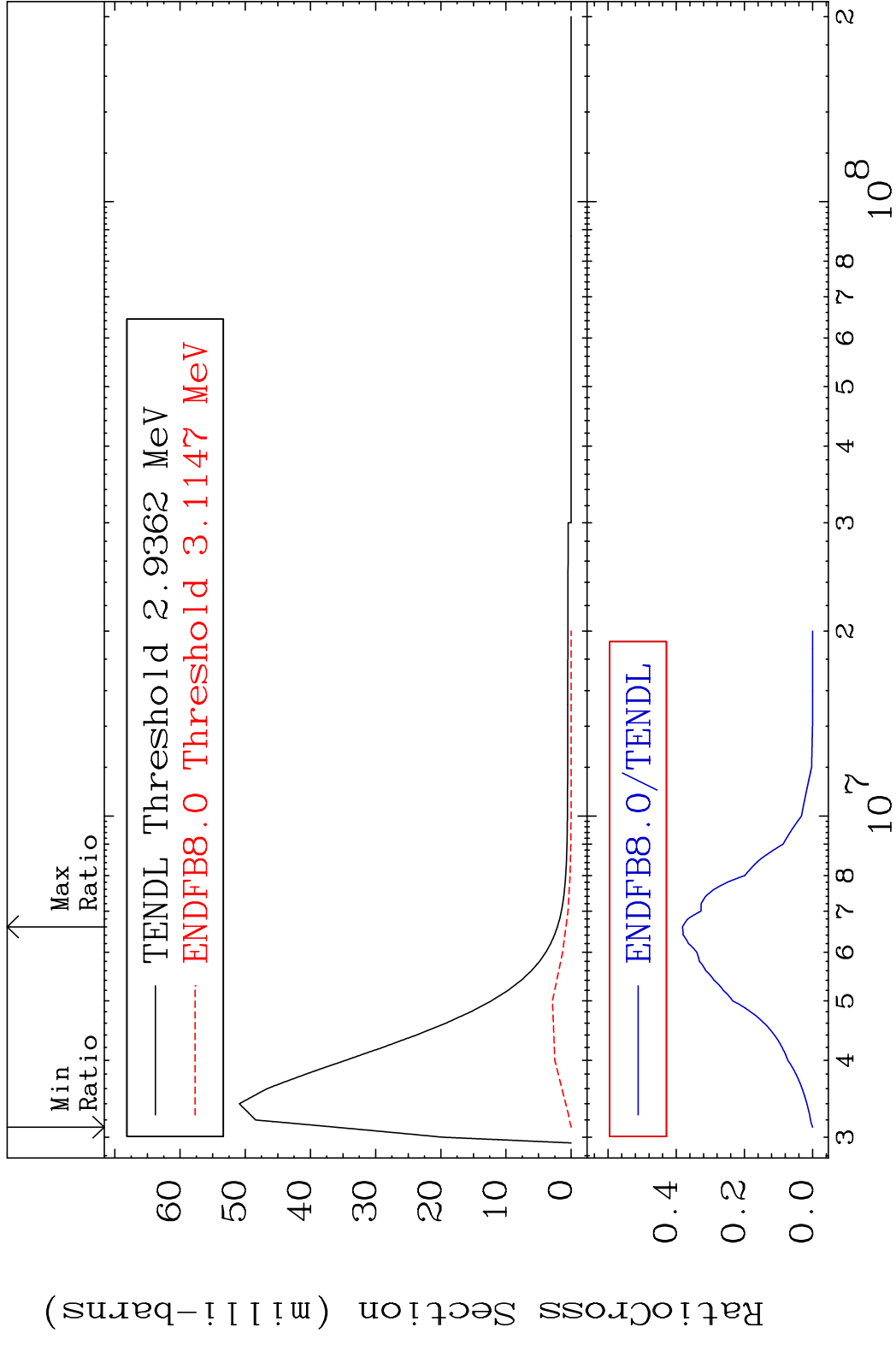
MAT 5031 MT= 67 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 143.6 %



MAT 5031 MT= 68 (n,n') Level 50-Sn-114
 Cross Section -100.0 To -37.11%



MAT 5031 MT= 69 (n,n') Level 50-Sn-114
 Cross Section -100.0 To -61.79%

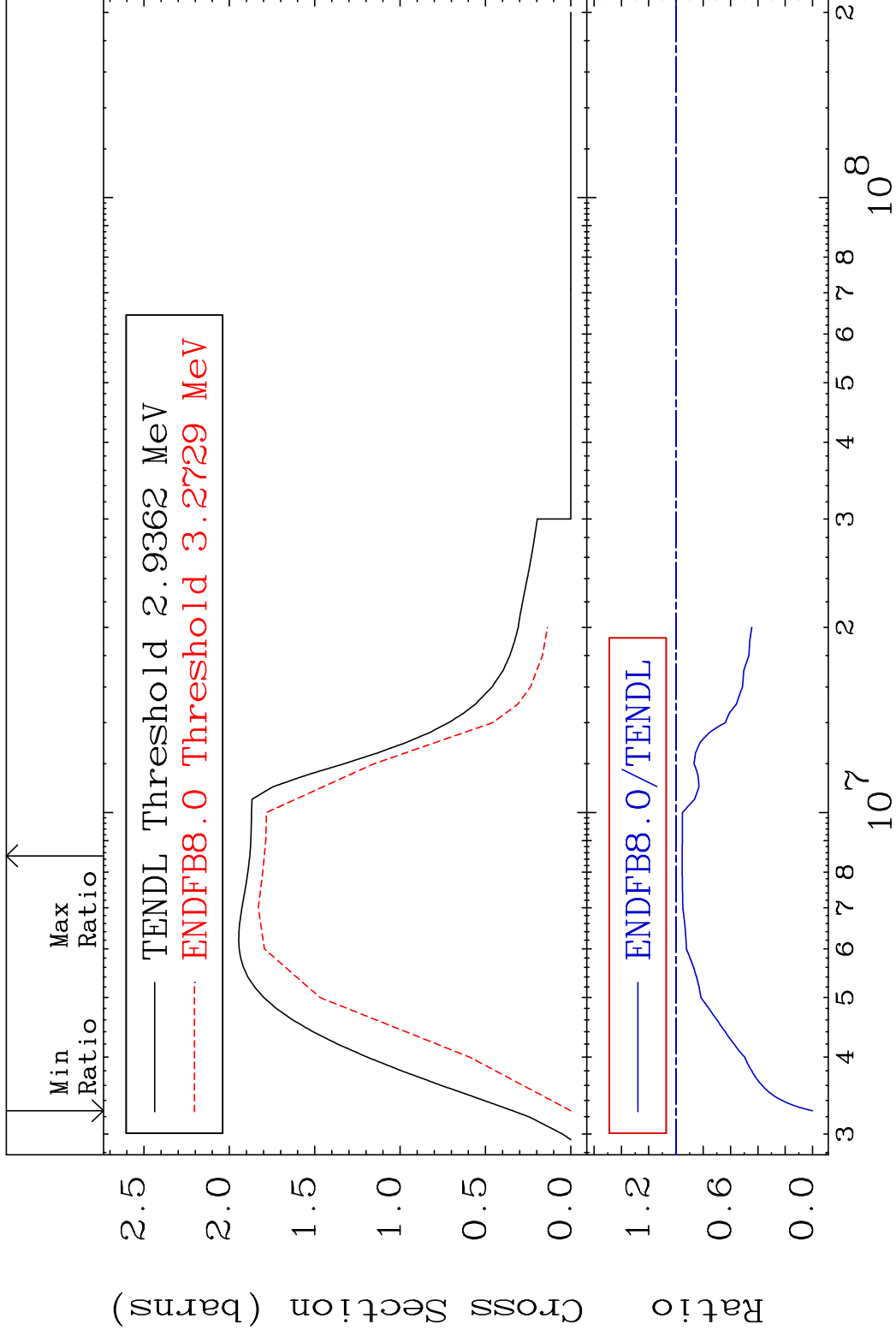


MAT 5031

(n,n') Continuum

50-Sn-114

Cross Section -100.0 To -4.503%



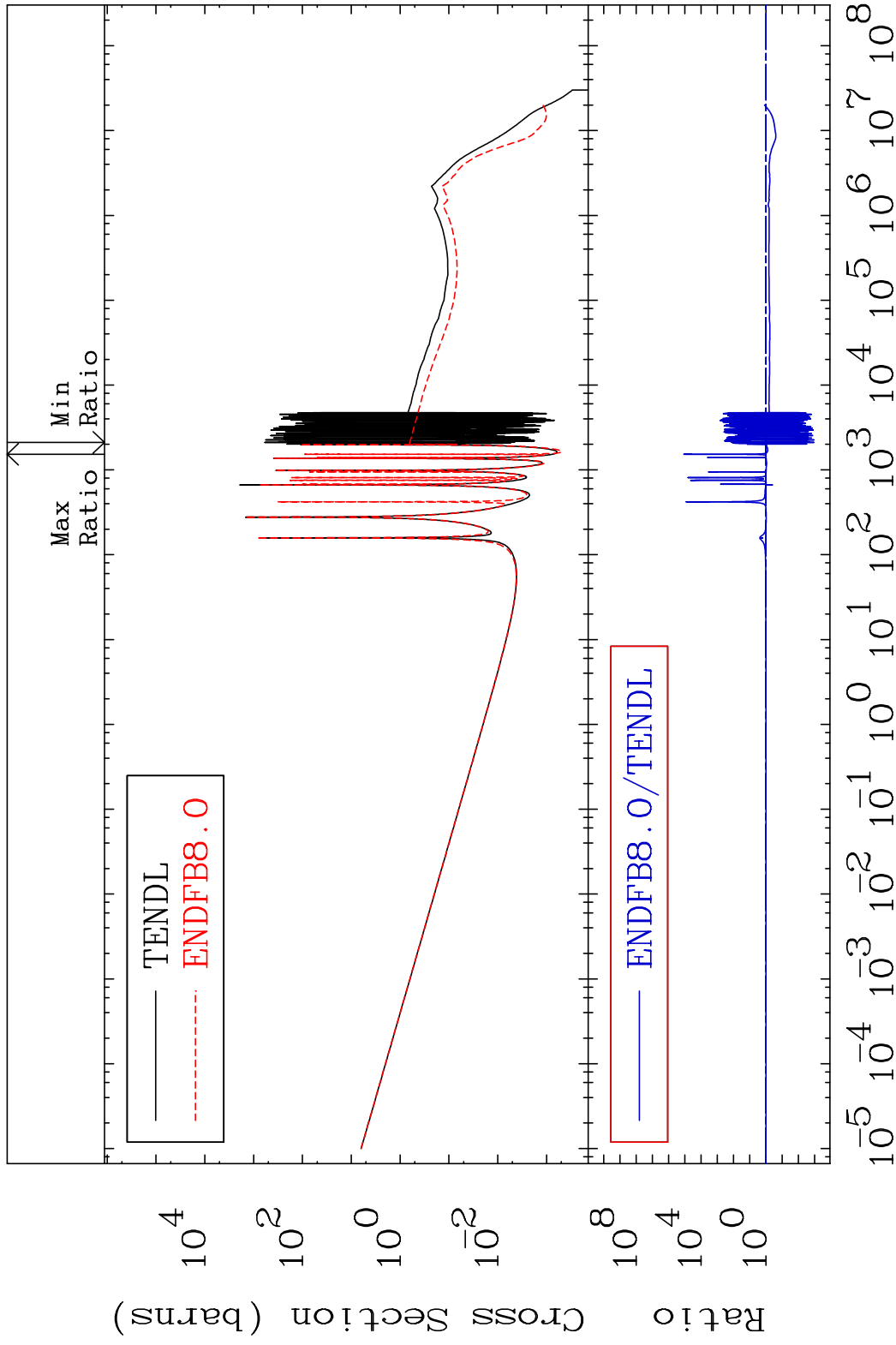
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Incident Energy (eV)

50-Sn-114

MAT 5031

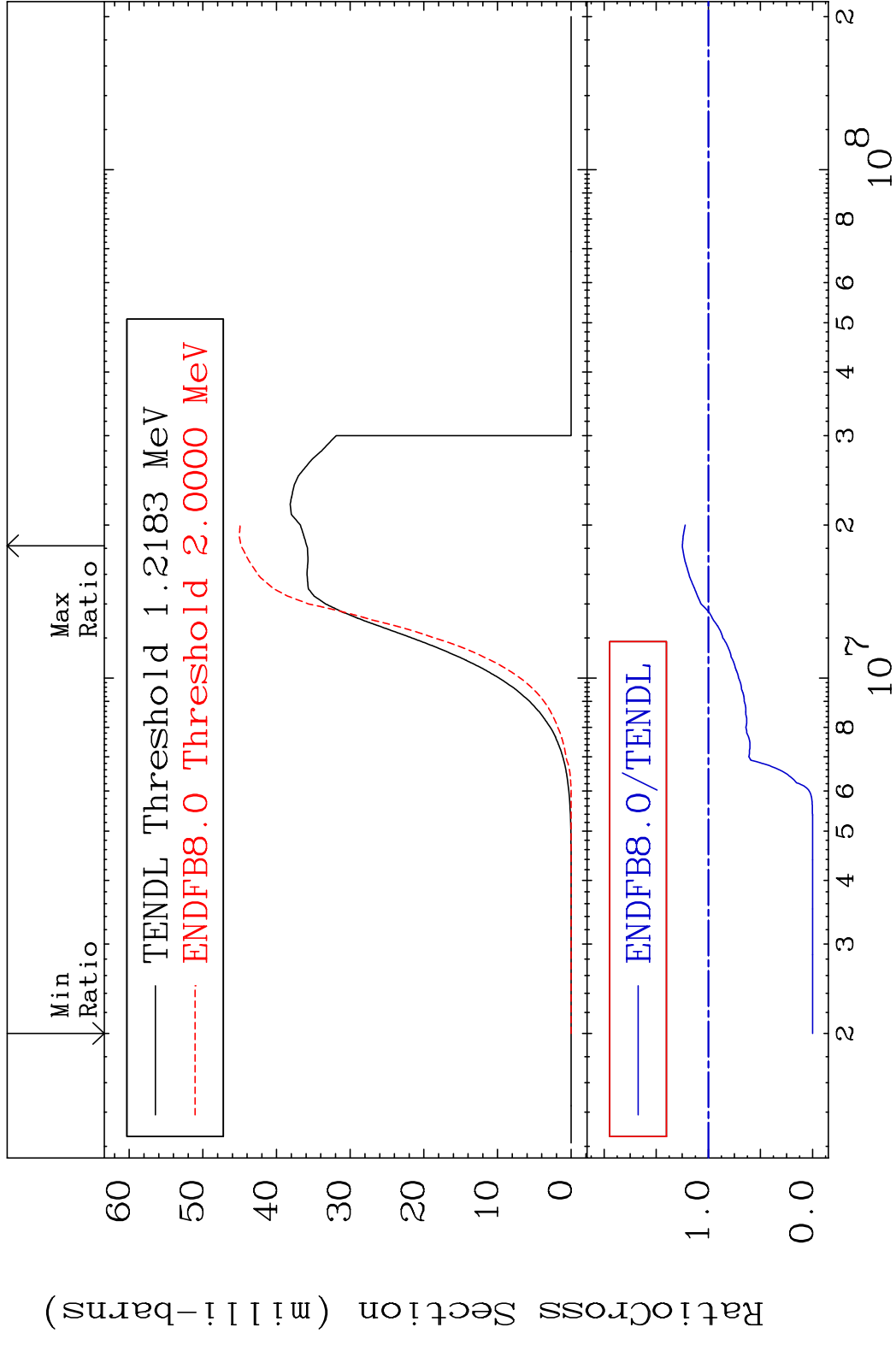
(n, γ)
Cross Section -99.89 To 9999. %
50-Sn-114



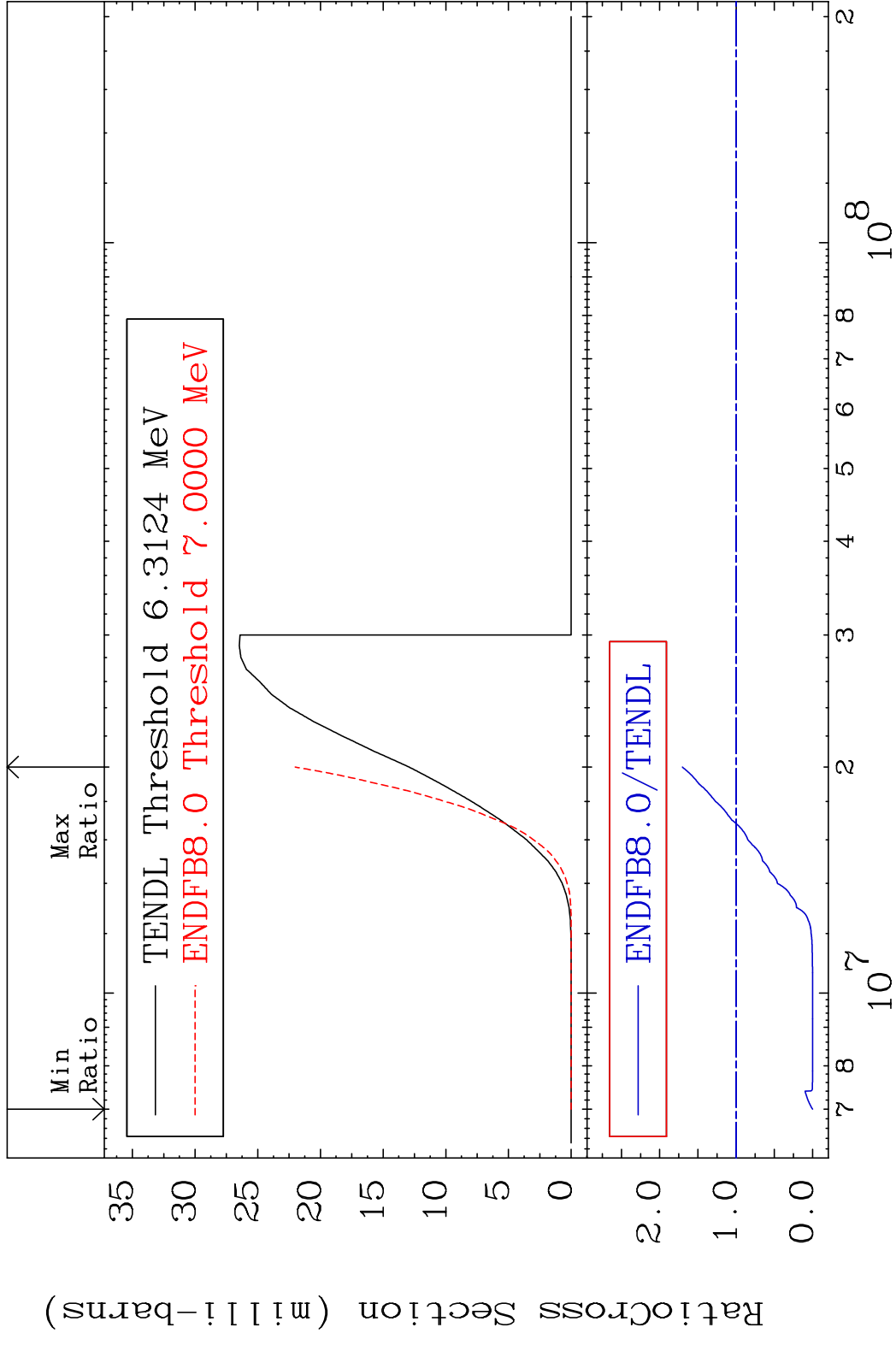
28

Incident Energy (eV) 50-Sn-114

MAT 5031 (n,p) 50-Sn-114
 Cross Section -100.0 To 24.91 %



MAT 5031 (n,d) 50-Sn-114
 Cross Section -100.0 To 70.32 %



30 Incident Energy (eV) 50-Sn-114

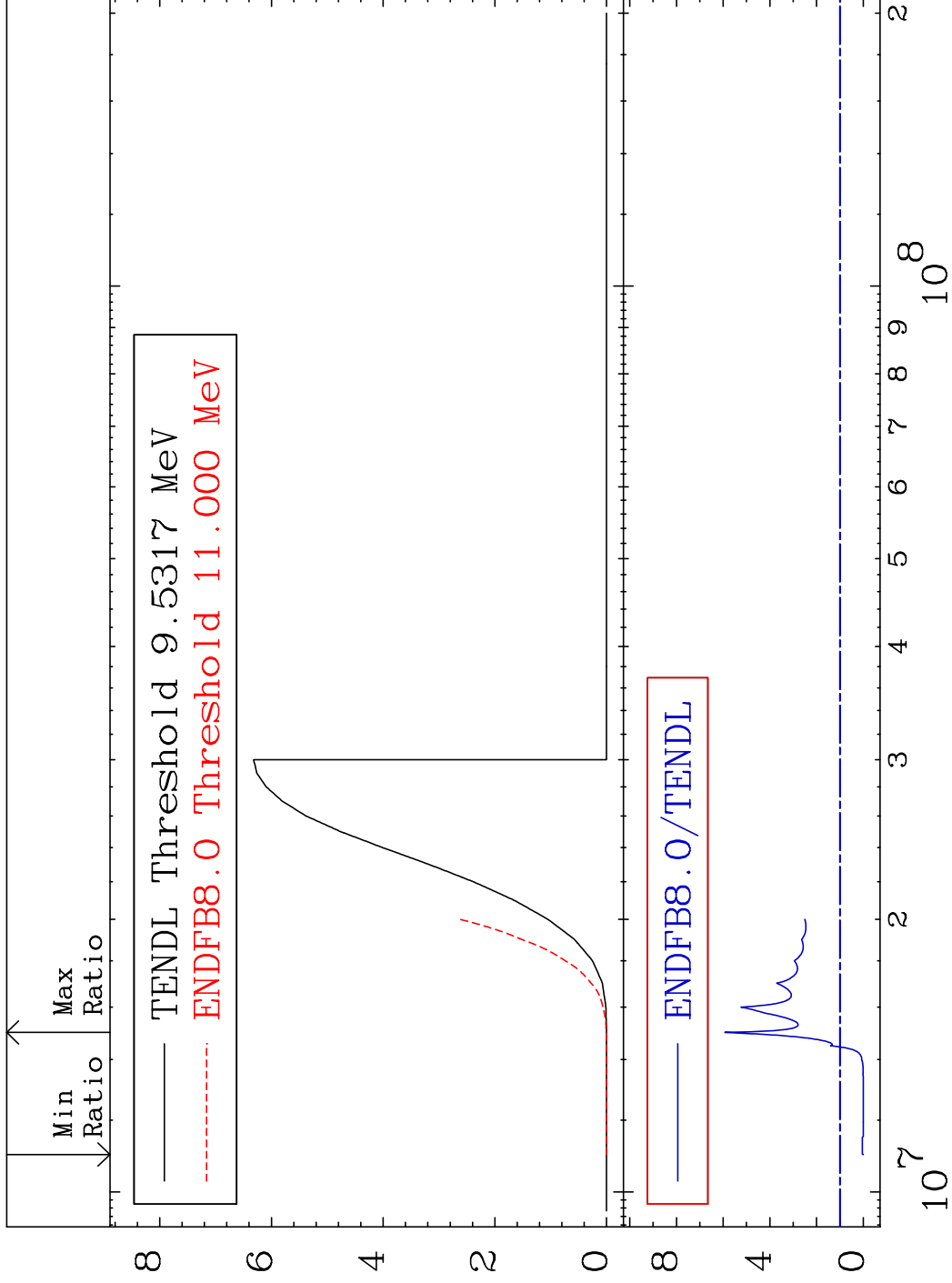
MAT 5031

(n, t)

50-Sn-114

Cross Section -100.0 To 493.0 %

RatioCross Section (milli-barns)



31

Incident Energy (eV)

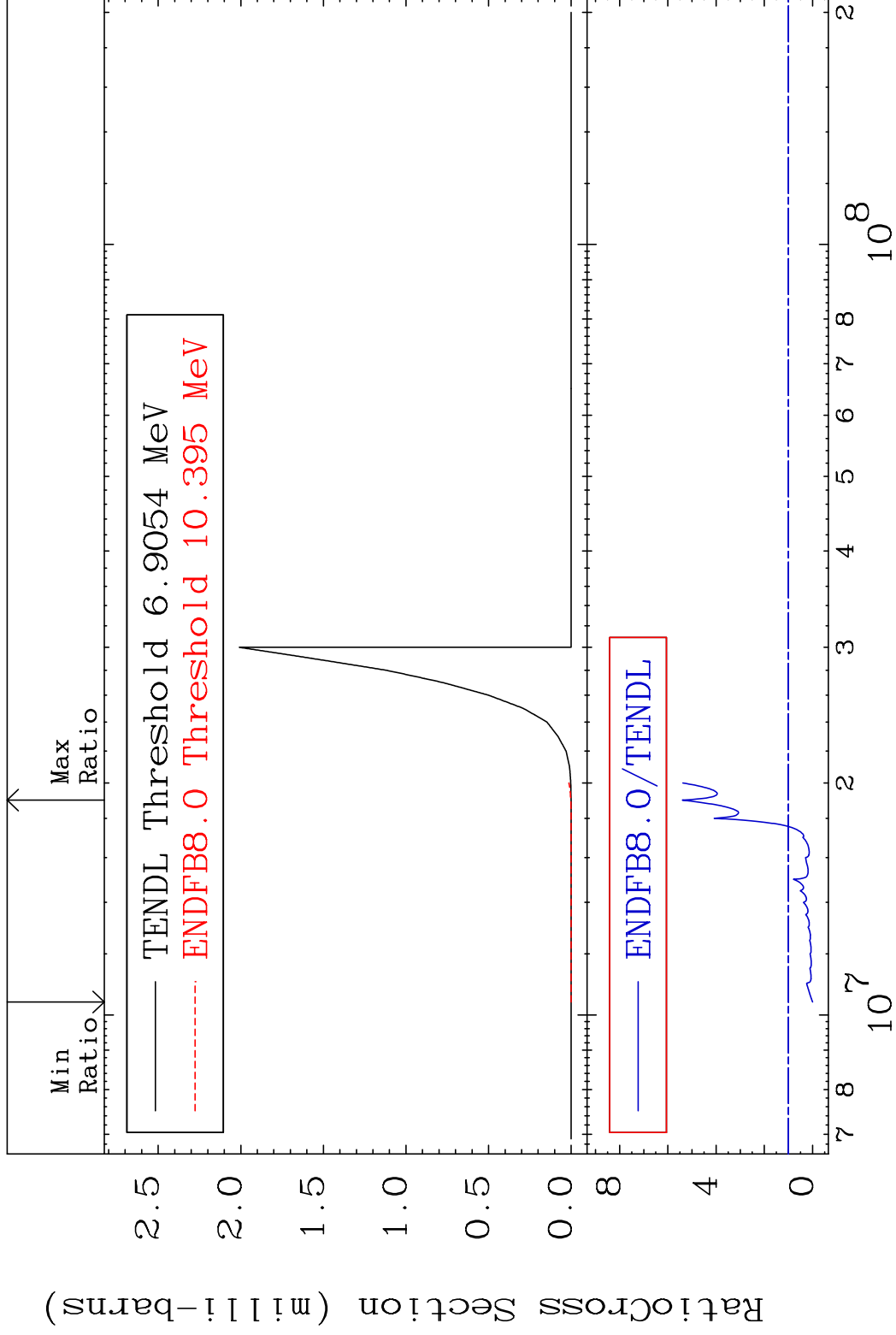
50-Sn-114

MAT 5031

(n, He-3)

50-Sn-114

Cross Section -100.0 To 439.9 %



32

Incident Energy (eV)

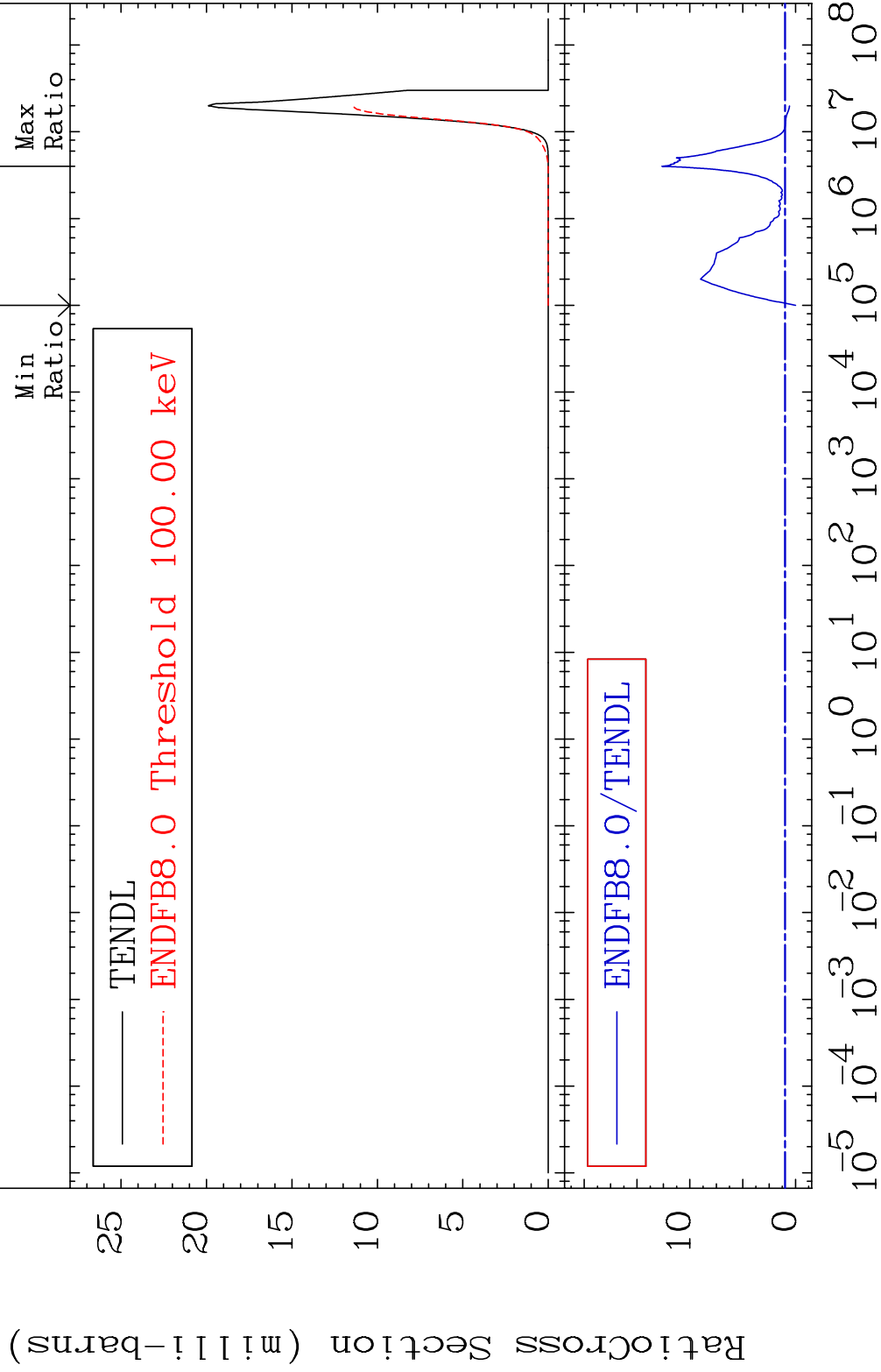
50-Sn-114

MAT 5031

(n, α)

50-Sn-114

Cross Section -100.0 To 1162. %



33

Incident Energy (eV)

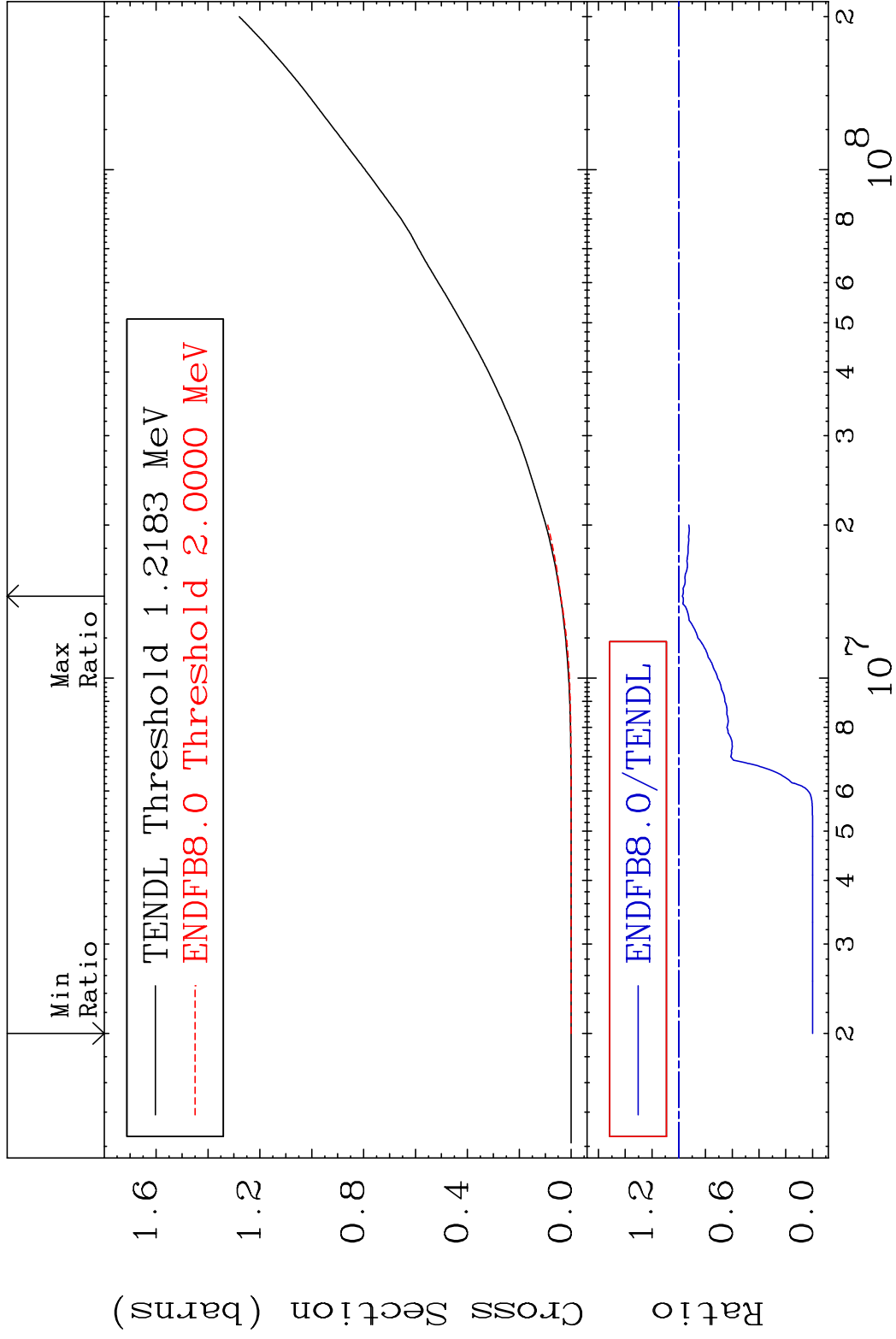
50-Sn-114

MAT 5031

Hydrogen Production

50-Sn-114

Cross Section -100.0 To -2.689%

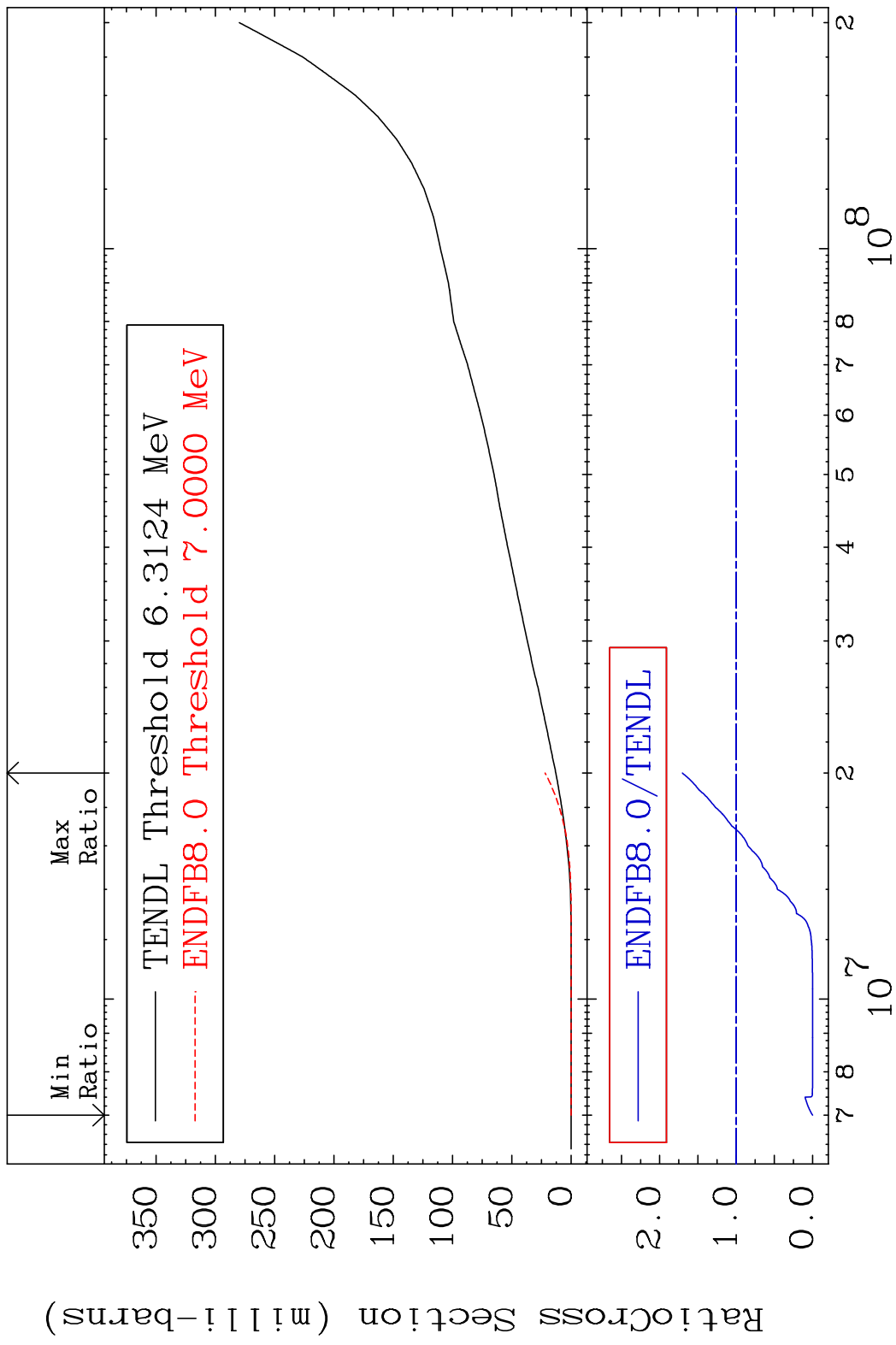


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Incident Energy (eV)

50-Sn-114

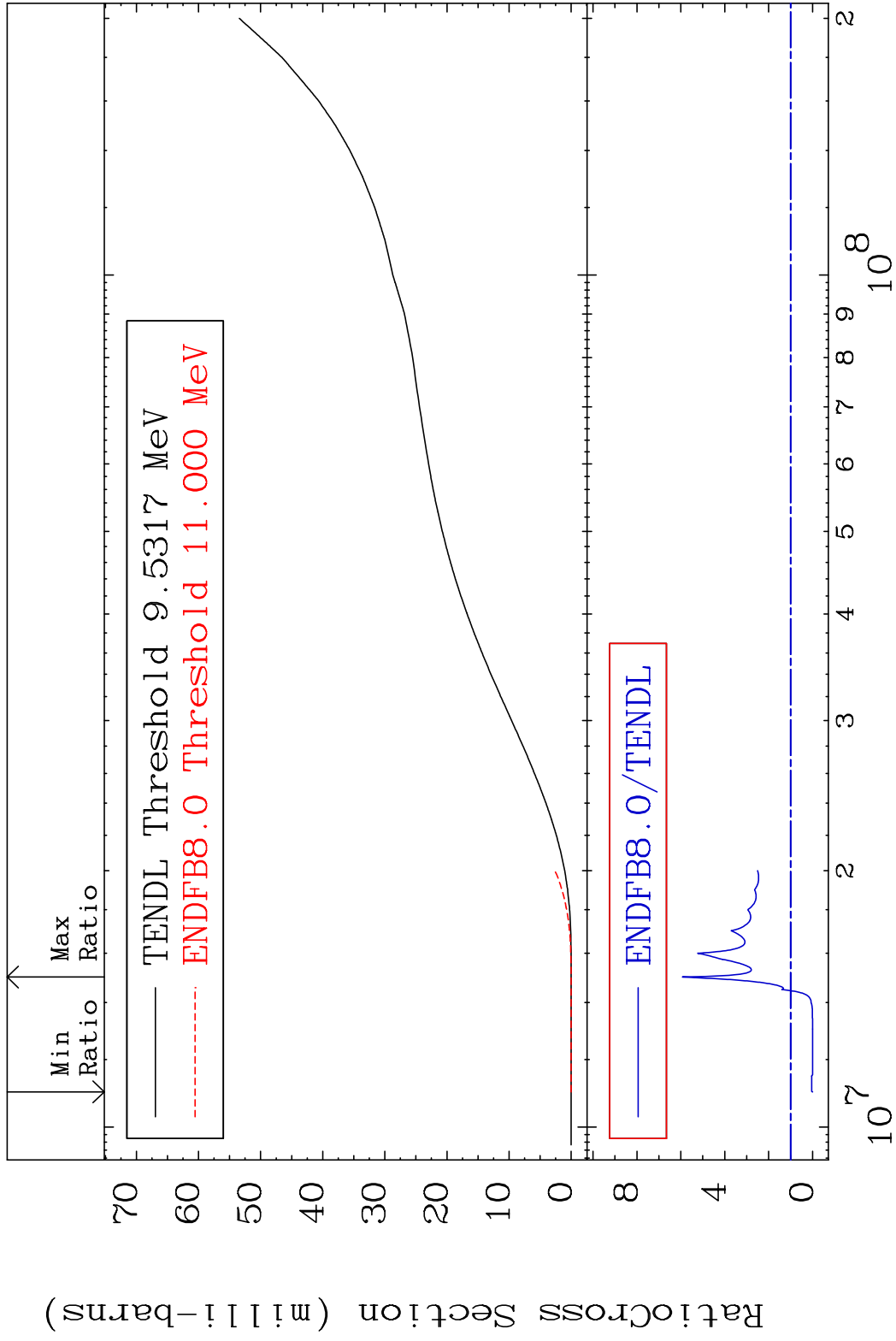
MAT 5031 Deuterium Production 50-Sn-114
 Cross Section -100.0 To 70.32 %



MAT 5031

Tritium Production 50-Sn-114

Cross Section -100.0 To 493.0 %



36

Incident Energy (eV)

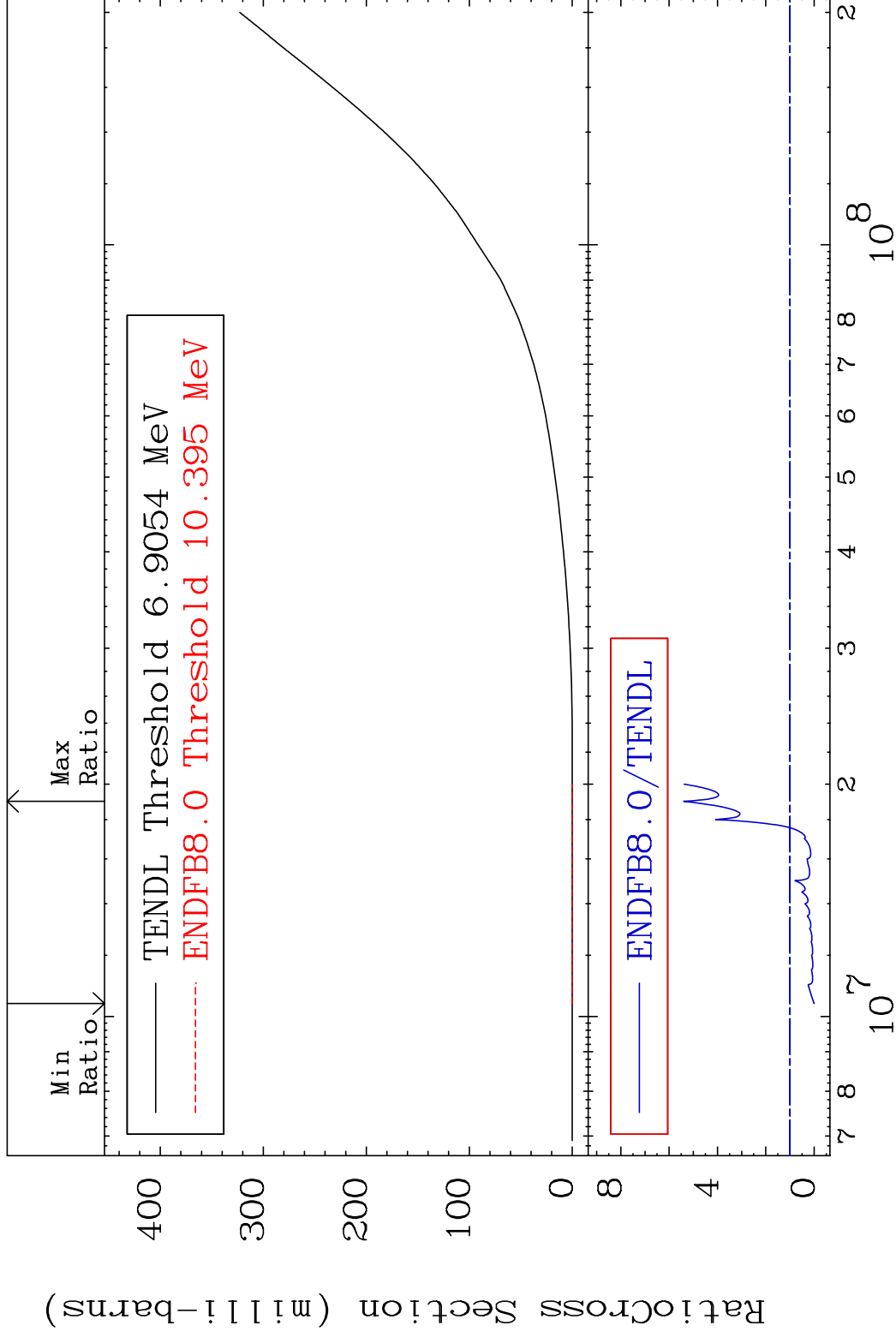
50-Sn-114

MAT 5031

He-3 Production

50-Sn-114

Cross Section -100.0 To 439.9 %



37

Incident Energy (eV)

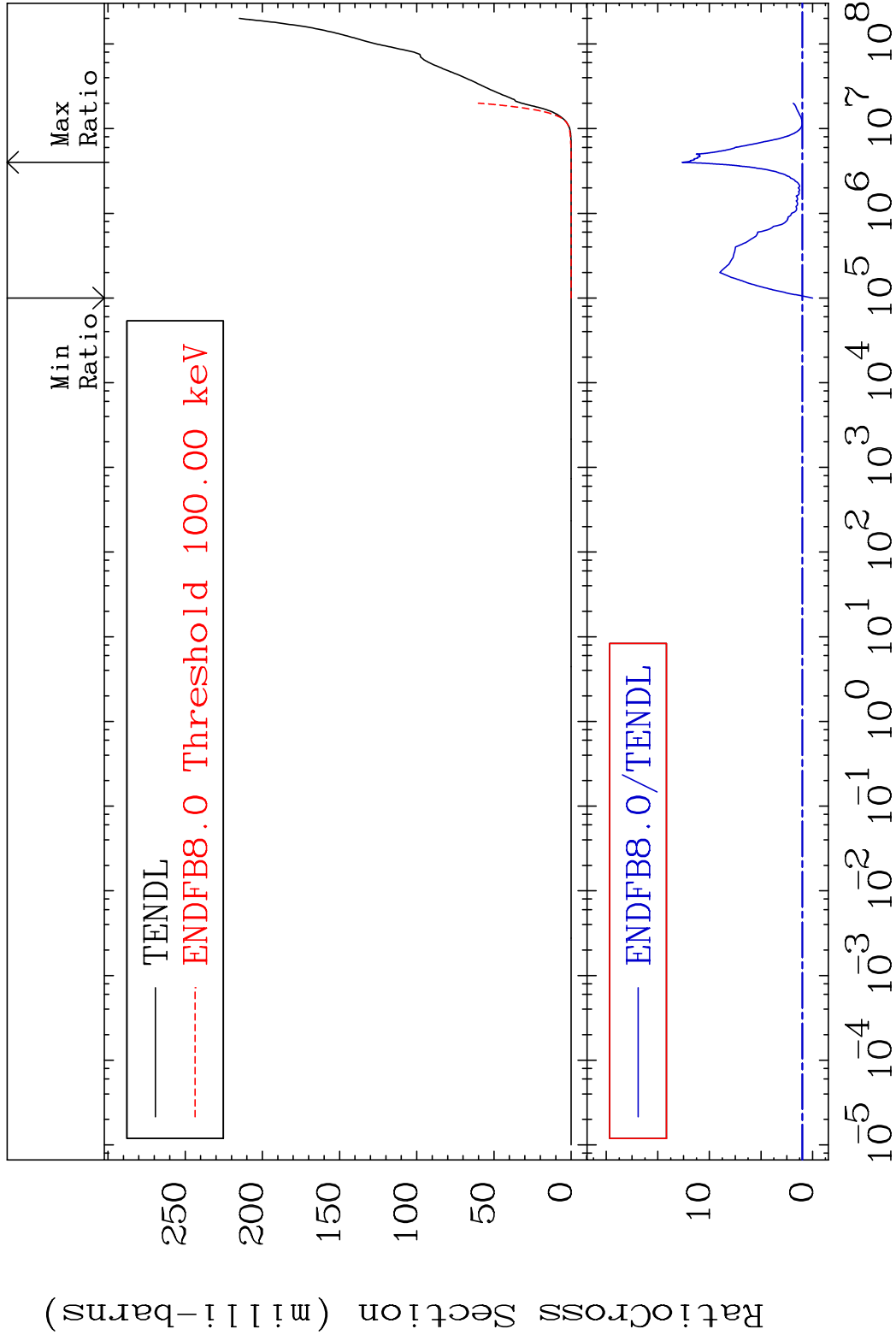
50-Sn-114

MAT 5031

He-4 Production

50-Sn-114

Cross Section -100.0 To 1162. %

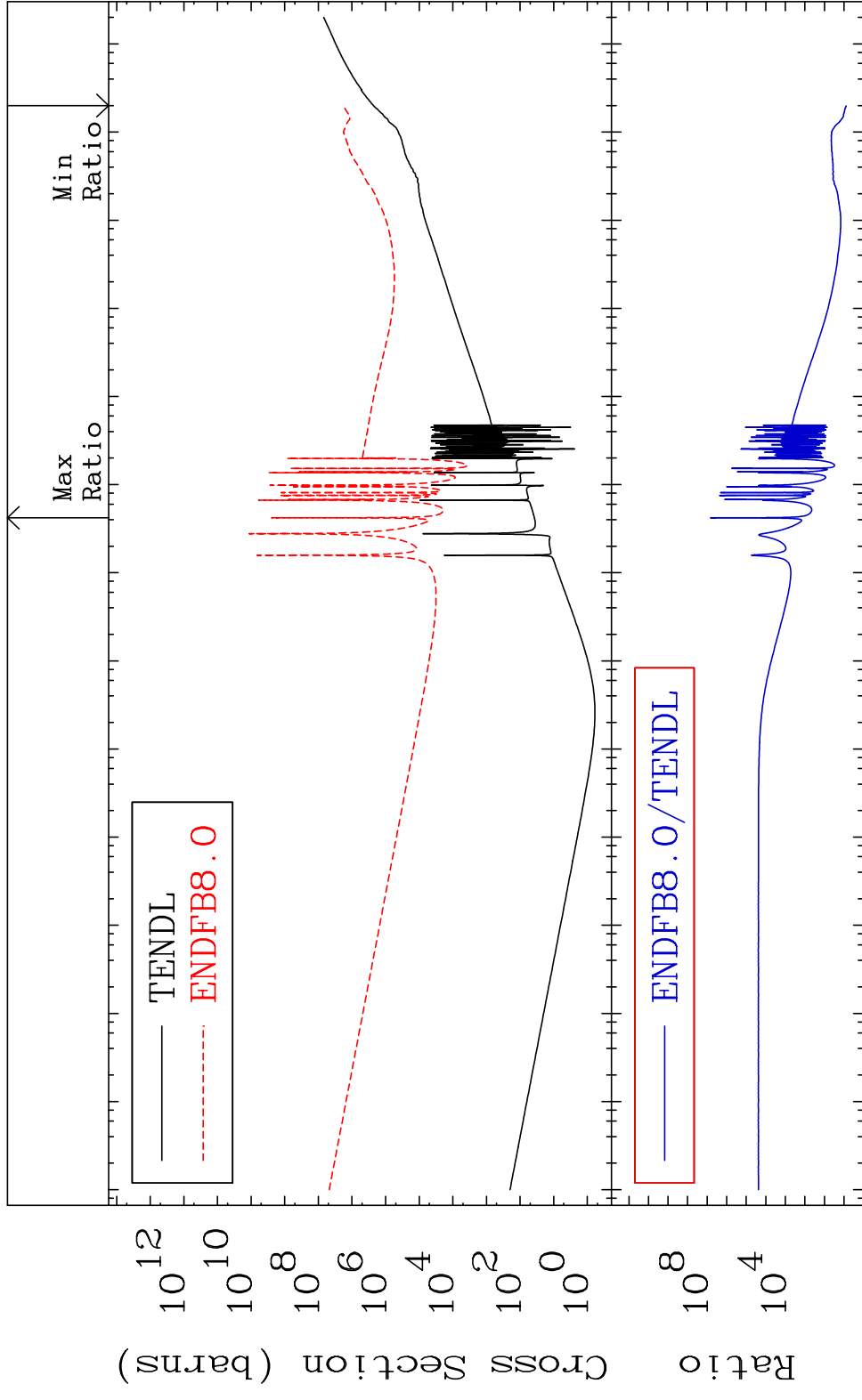


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Incident Energy (eV)

50-Sn-114

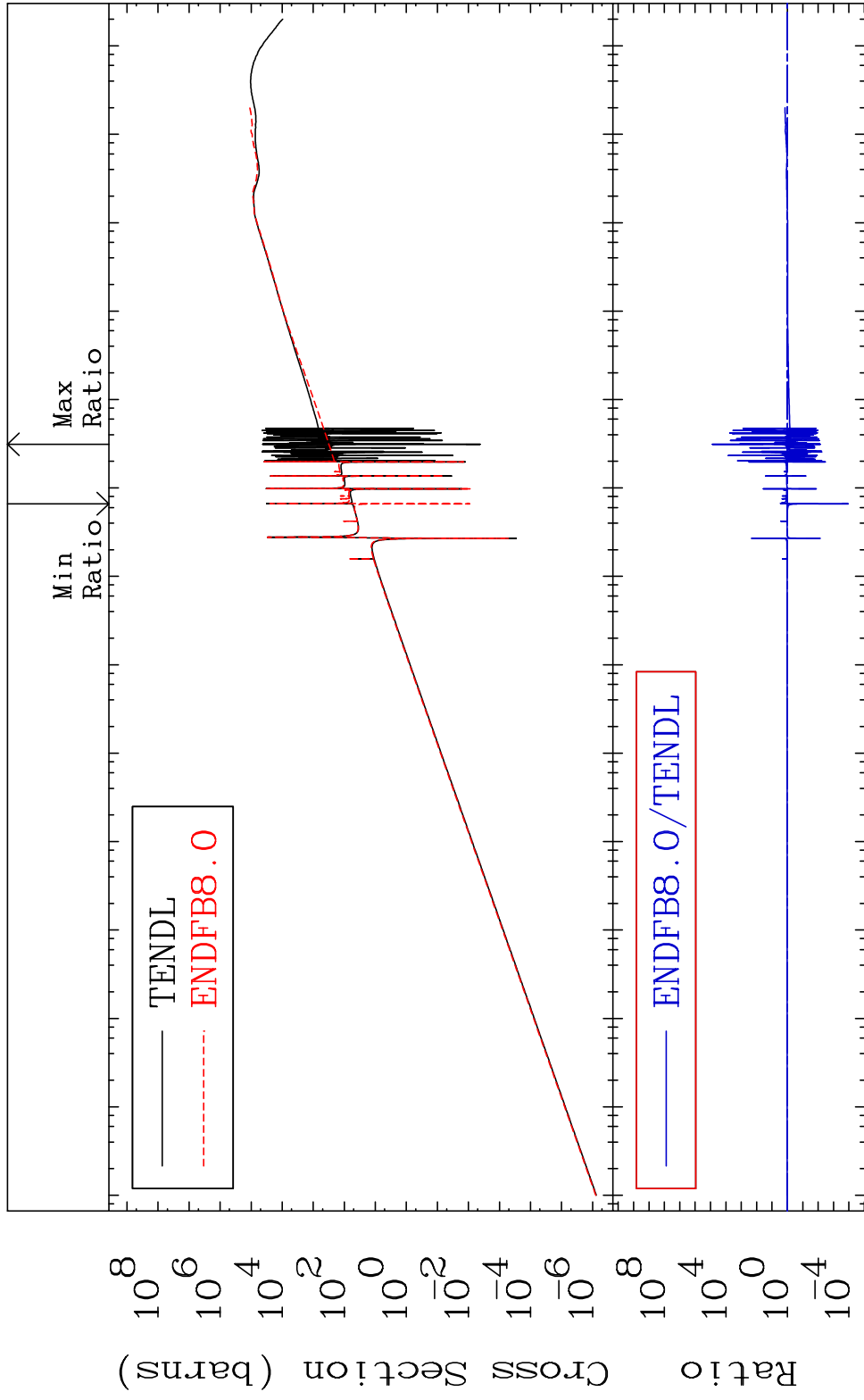
MAT 5031 Kerma total (eV-barns) 50-Sn-114
 Cross Section 657.0 To 9999. %



MAT 5031

Kerma elastic
Cross Section

50-Sn-114
-99.99 To 9999. %

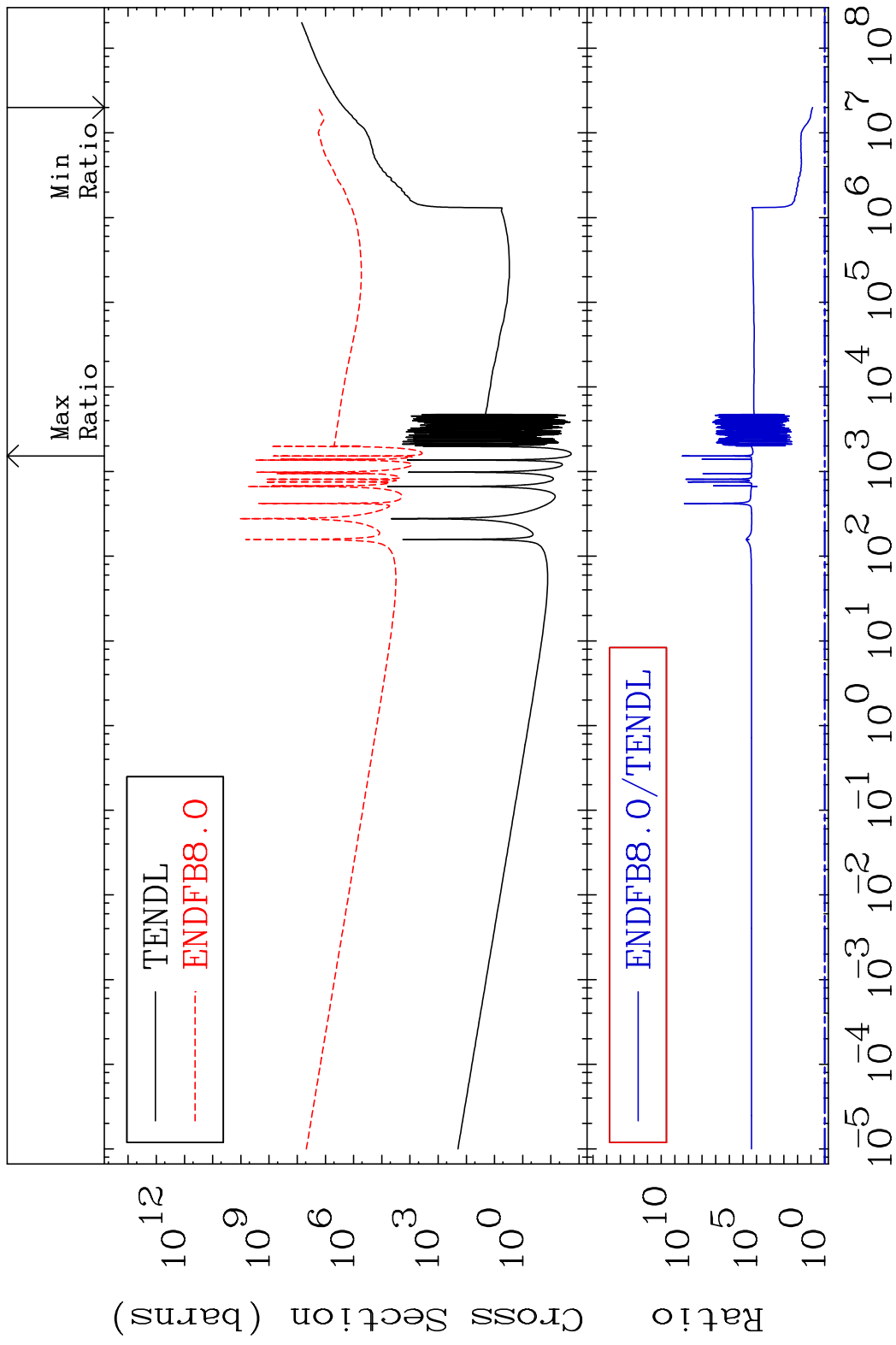


40

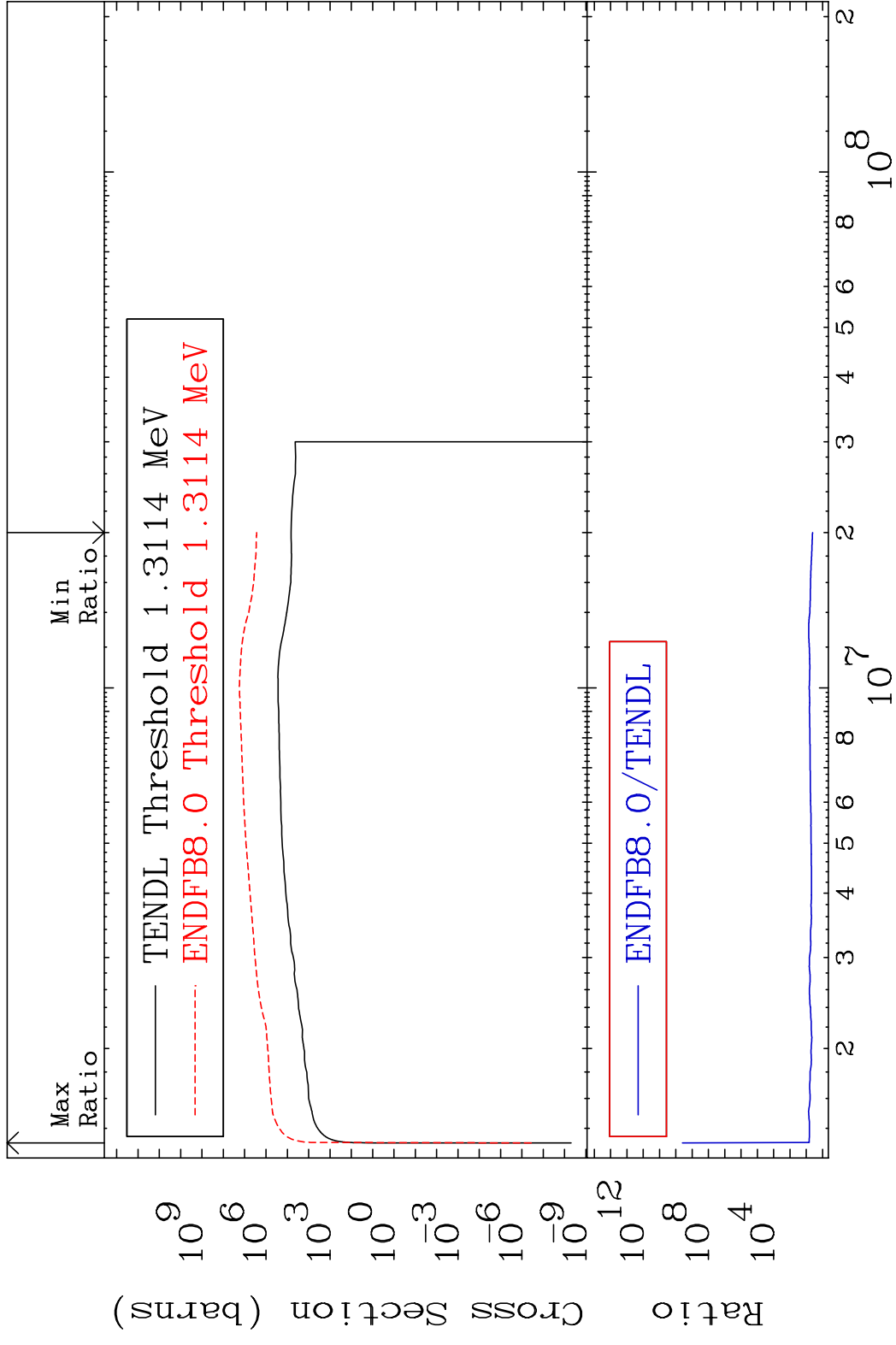
Incident Energy (eV)

50-Sn-114

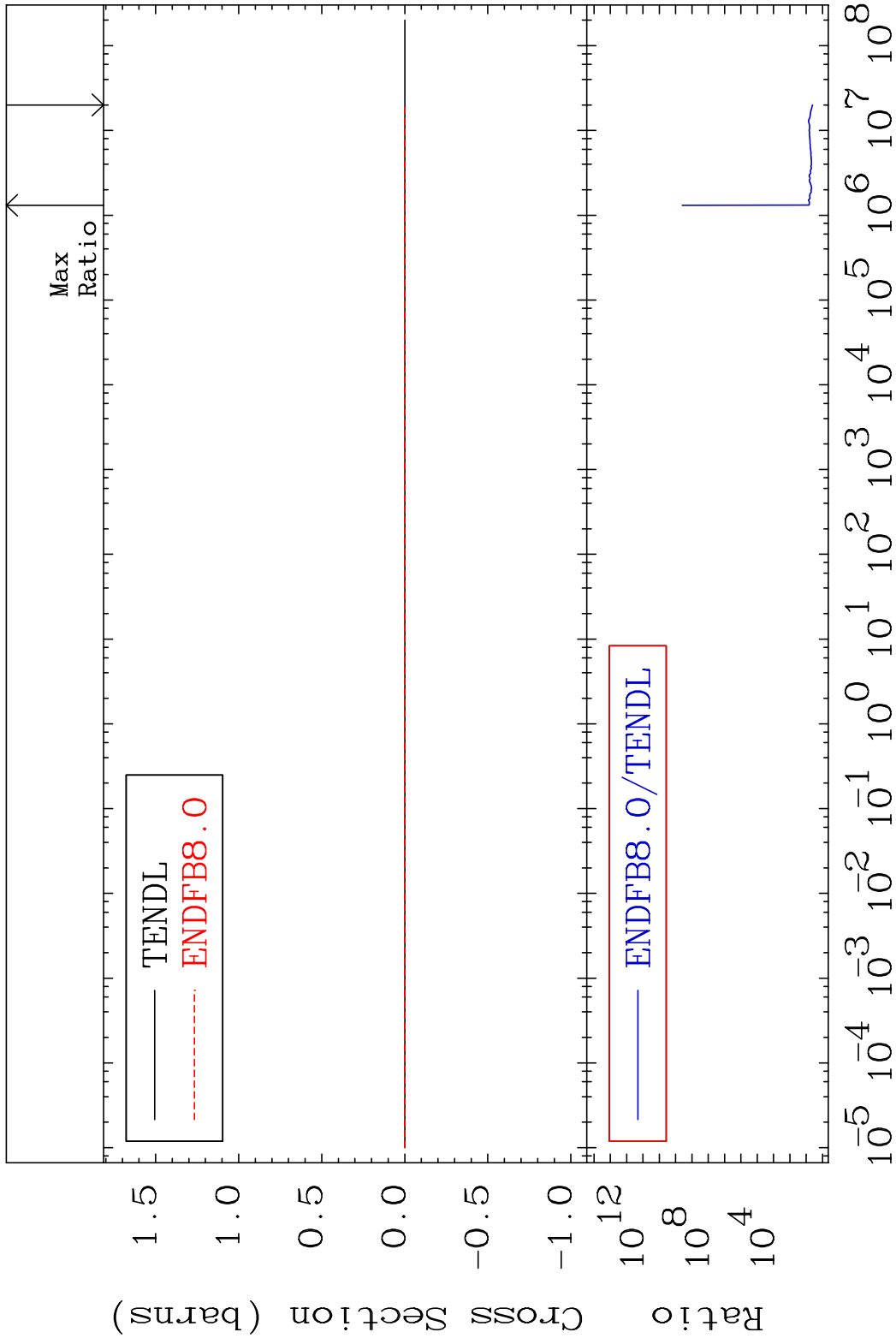
MAT 5031 Kerma non-elastic (all but mt2) 50-Sn-114
 Cross Section 678.5 To 9999. %



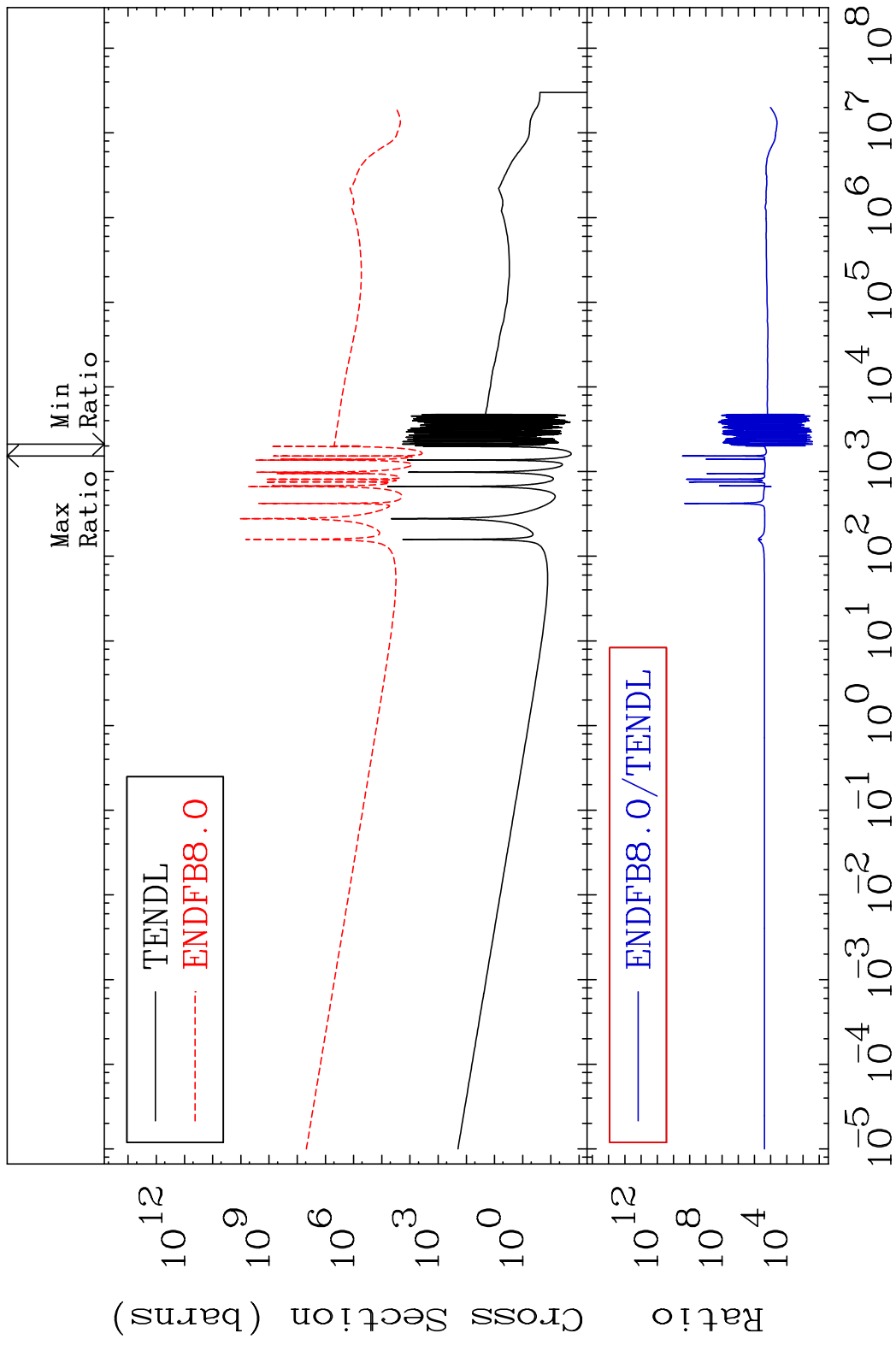
MAT 5031 Kerma inelastic (mt51-91) 50-Sn-114
 Cross Section 4009. To 9999. %



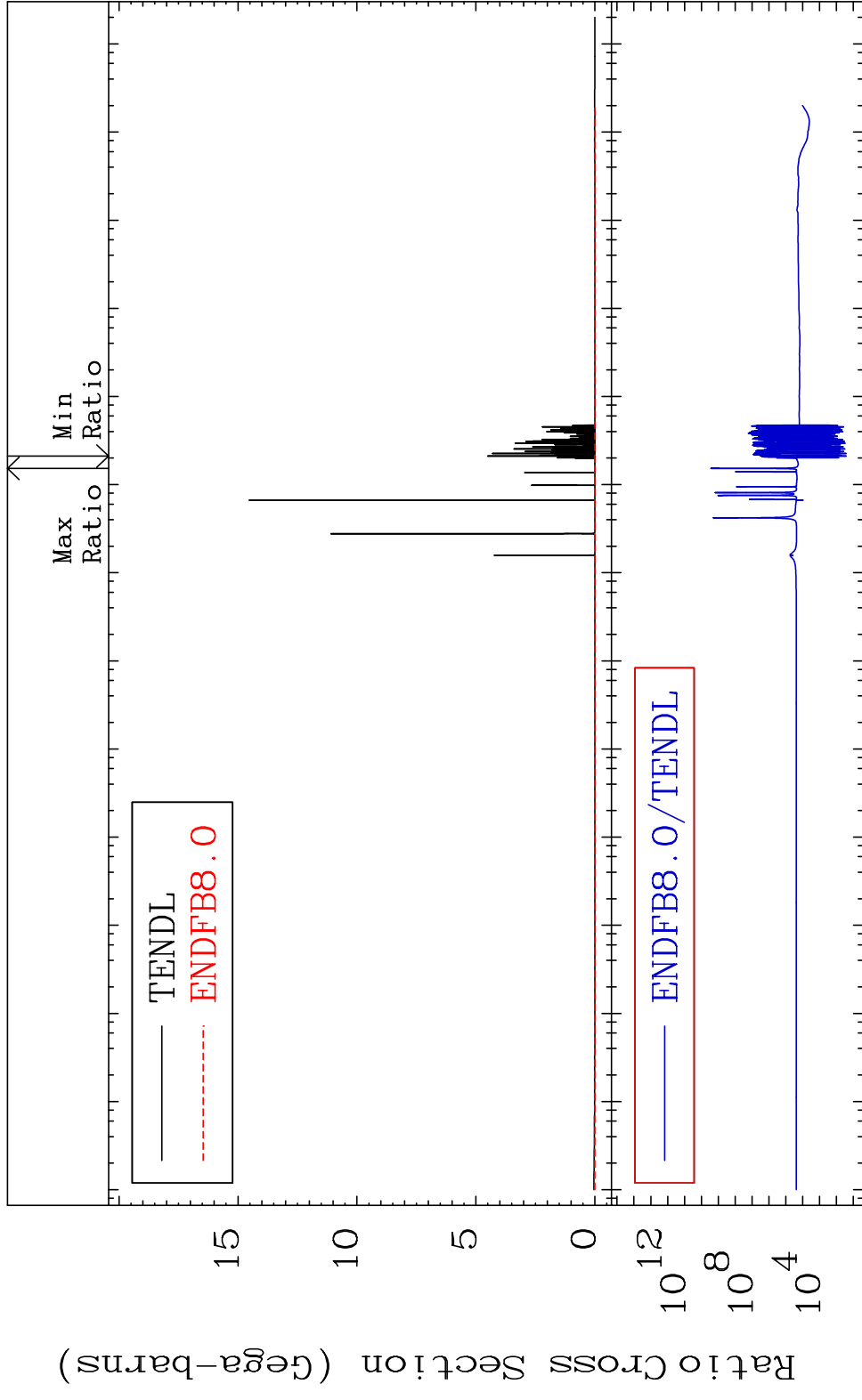
MAT 5031 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-114
 Cross Section 4009. To 9999. %



MAT 5031 Kerma capture (mt102) 50-Sn-114
 Cross Section 9999. To 9999. %

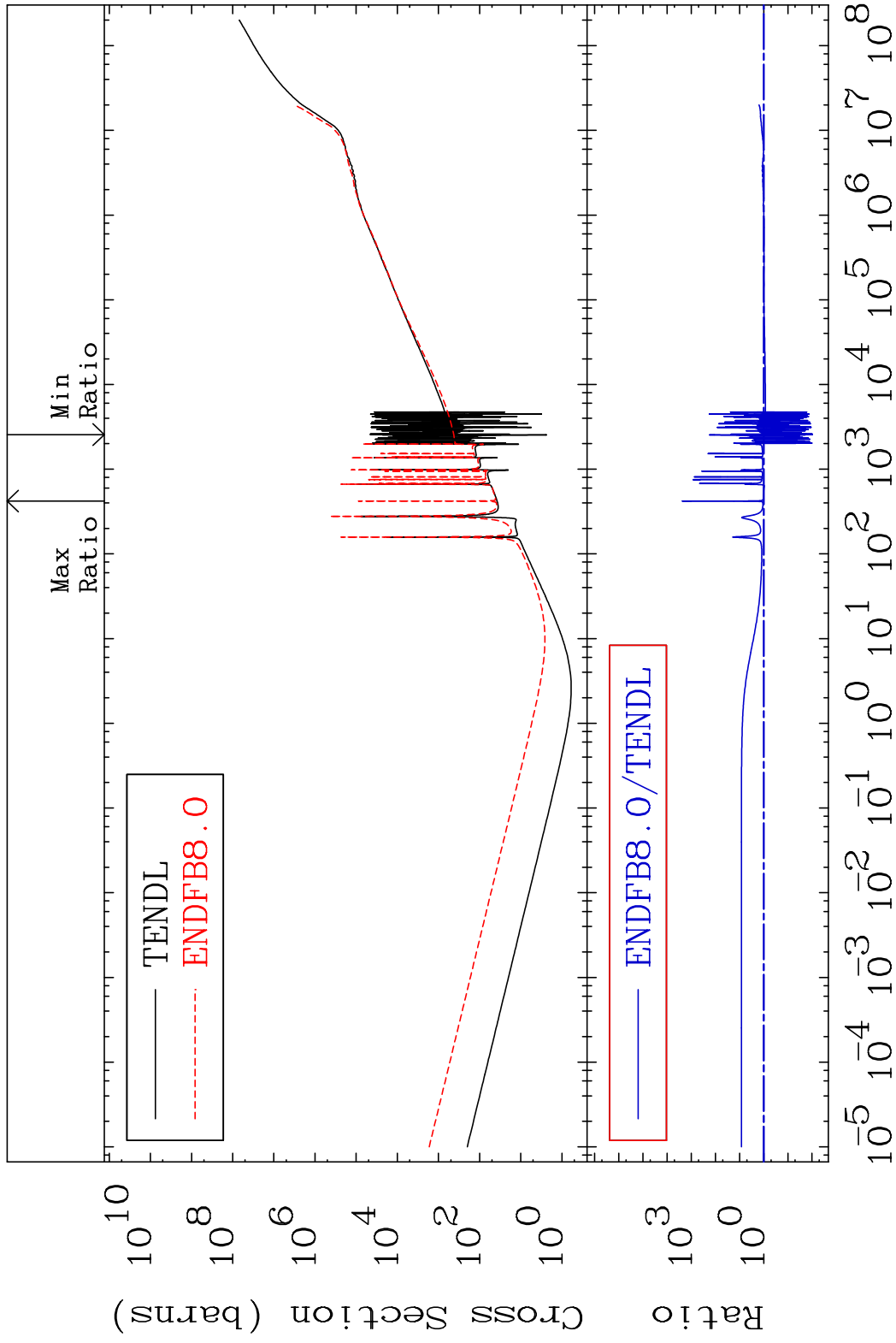


MAT 5031 Total photon (eV-barns) 50-Sn-114
 Cross Section 9999. To 9999. %



45 Incident Energy (eV) 50-Sn-114

MAT 5031 Total kinematic kerma (high limit) 50-Sn-114
 Cross Section -99.05 To 9999. %

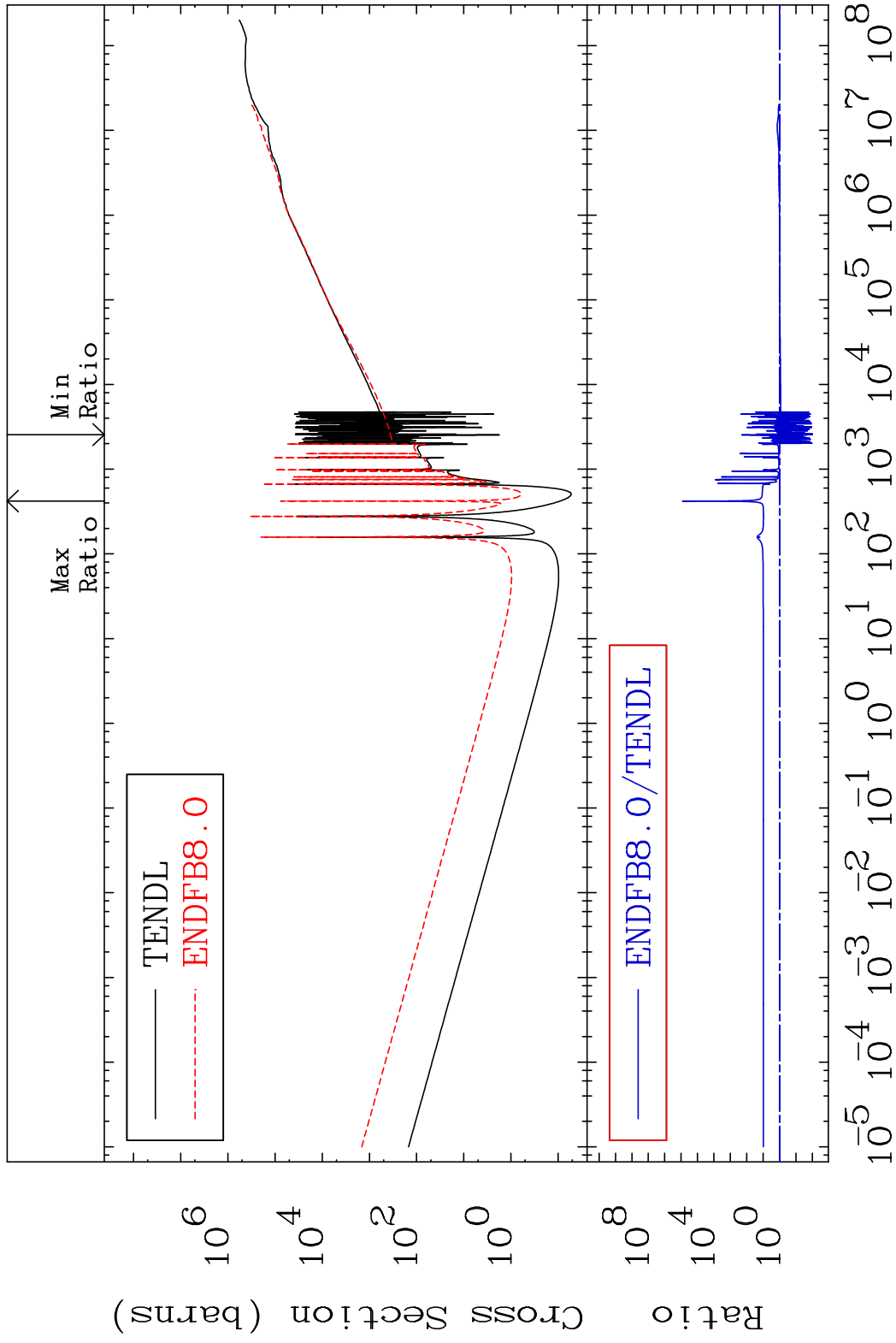


MAT 5031

Dpa total (eV-barns)

50-Sn-114

Cross Section -99.03 To 9999. %



47

Incident Energy (eV)

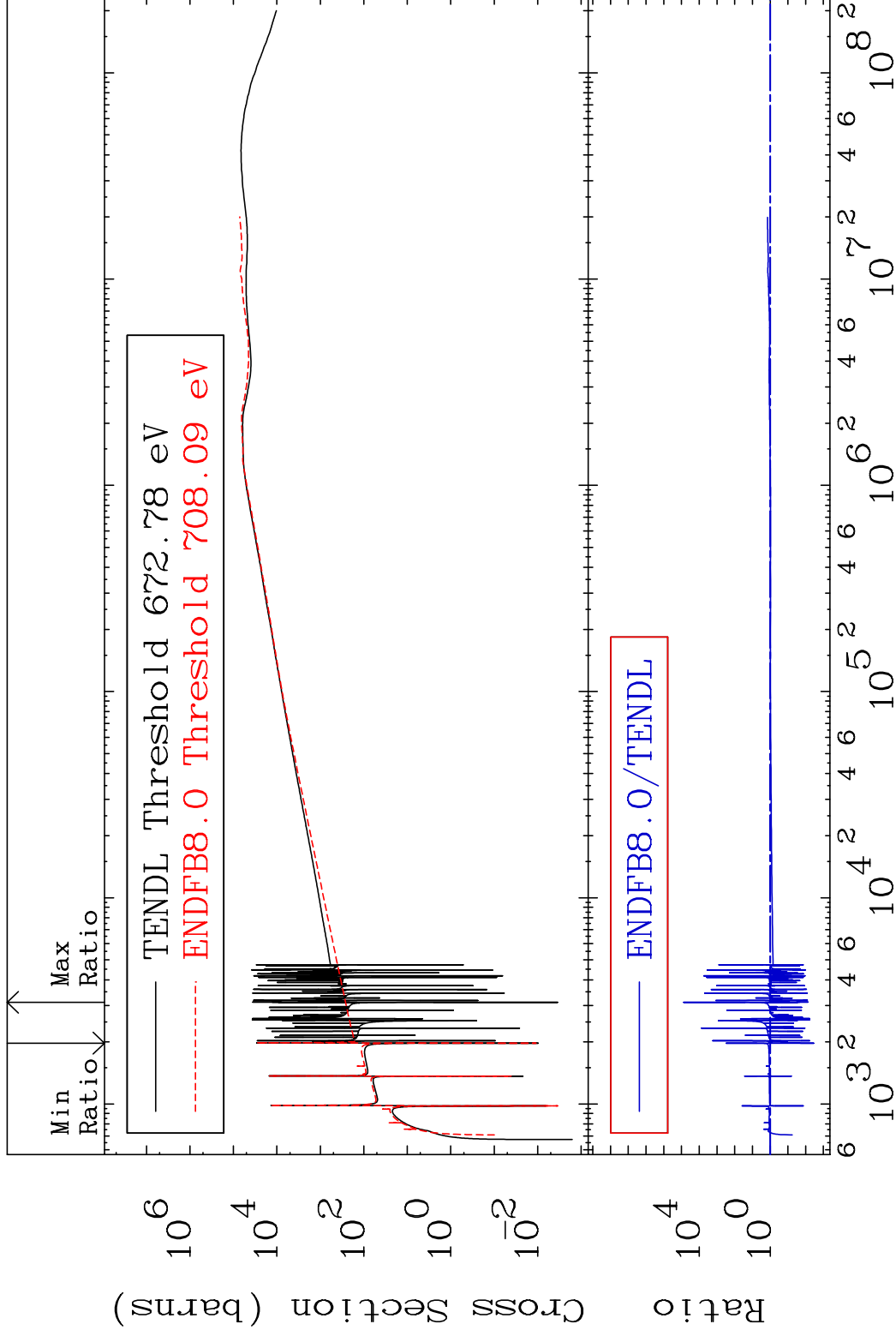
50-Sn-114

MAT 5031

Dpa elastic (mt2)

50-Sn-114

Cross Section -99.67 To 9999. %

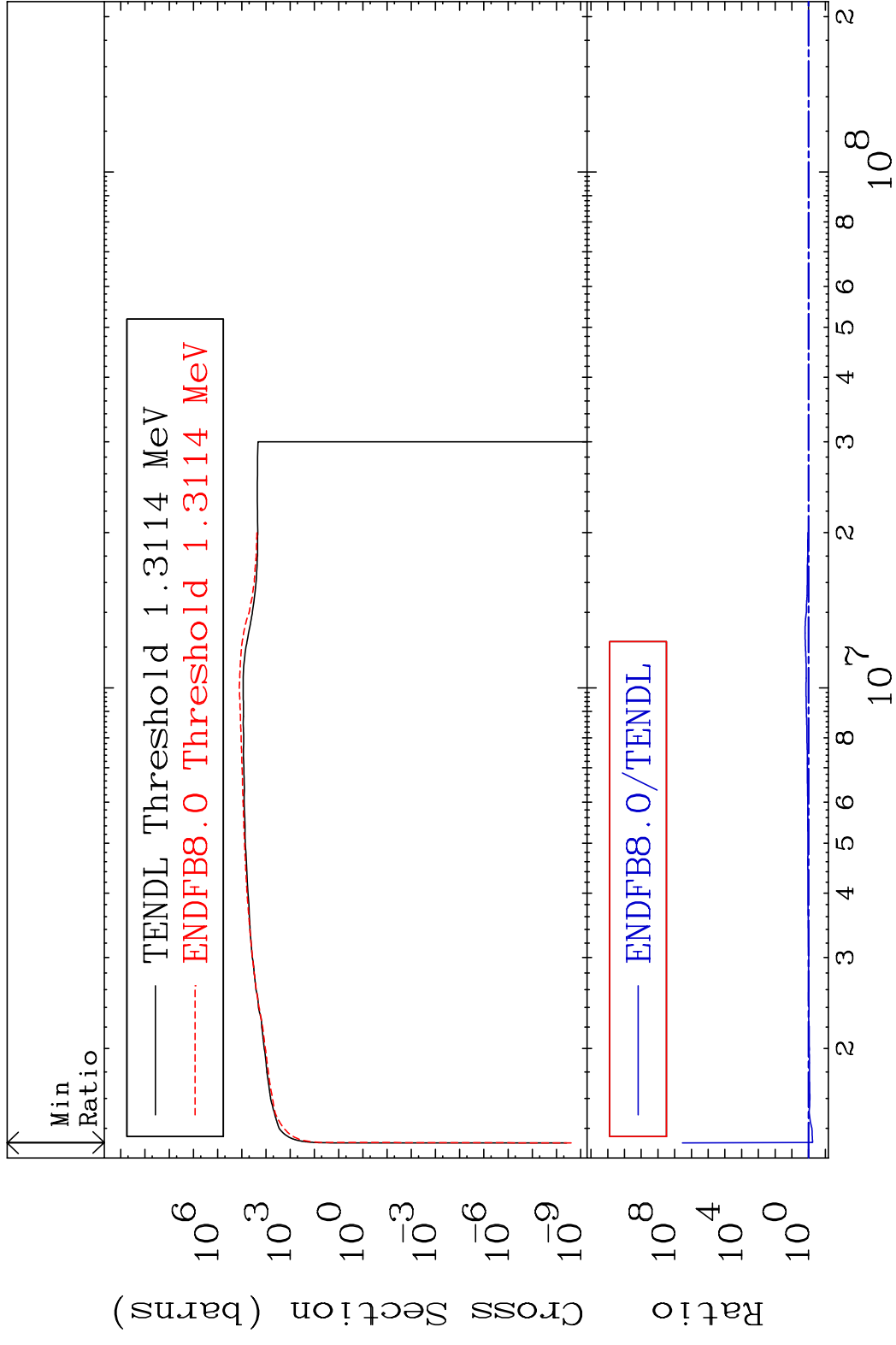


48

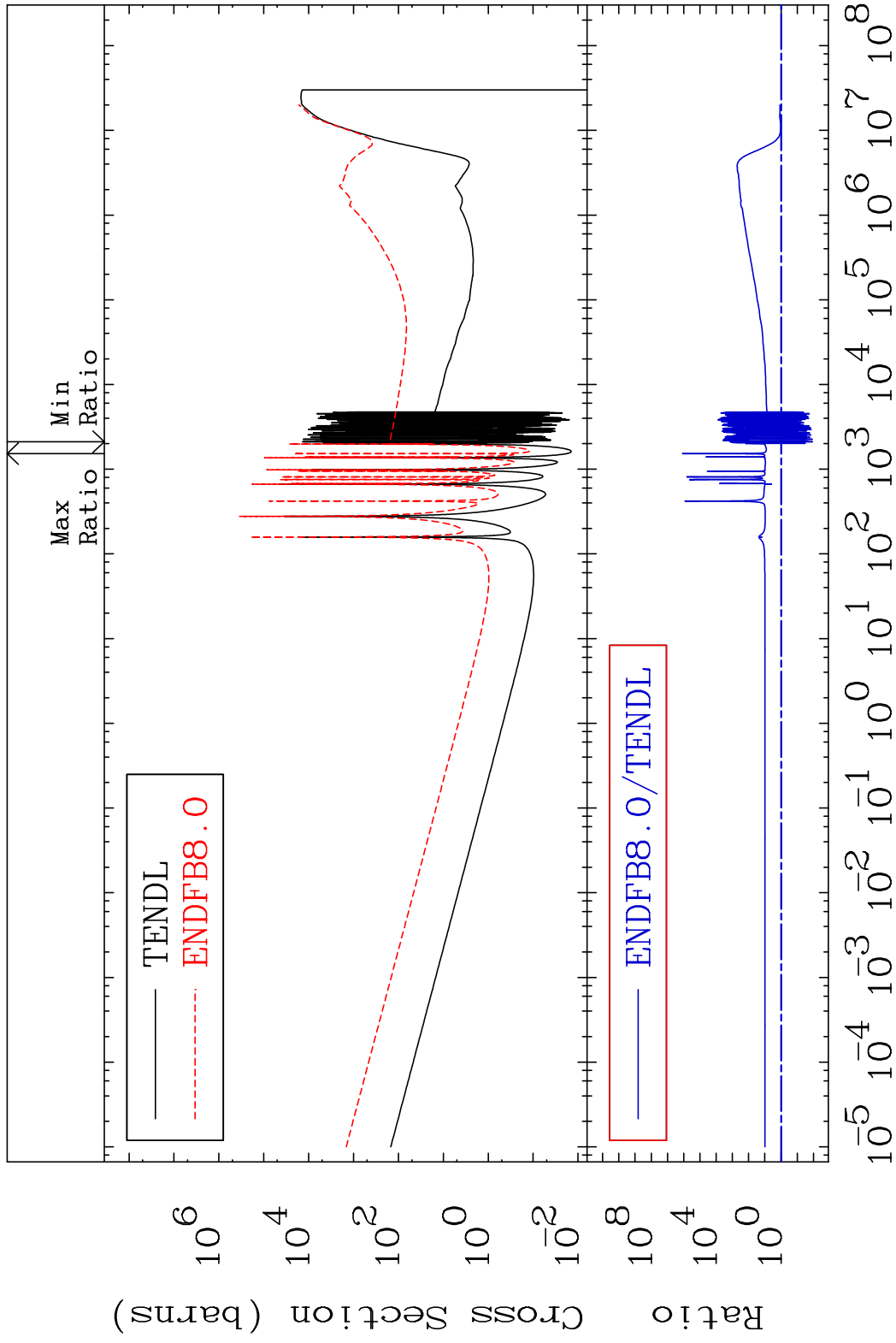
Incident Energy (eV)

50-Sn-114

MAT 5031 Dpa inelastic (mt51-91) 50-Sn-114
 Cross Section -42.03 To 9999. %



MAT 5031 Dpa disappearance (mt102 -120) 50-Sn-114
 Cross Section -98.86 To 9999. %



50 Incident Energy (eV) 50-Sn-114