

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

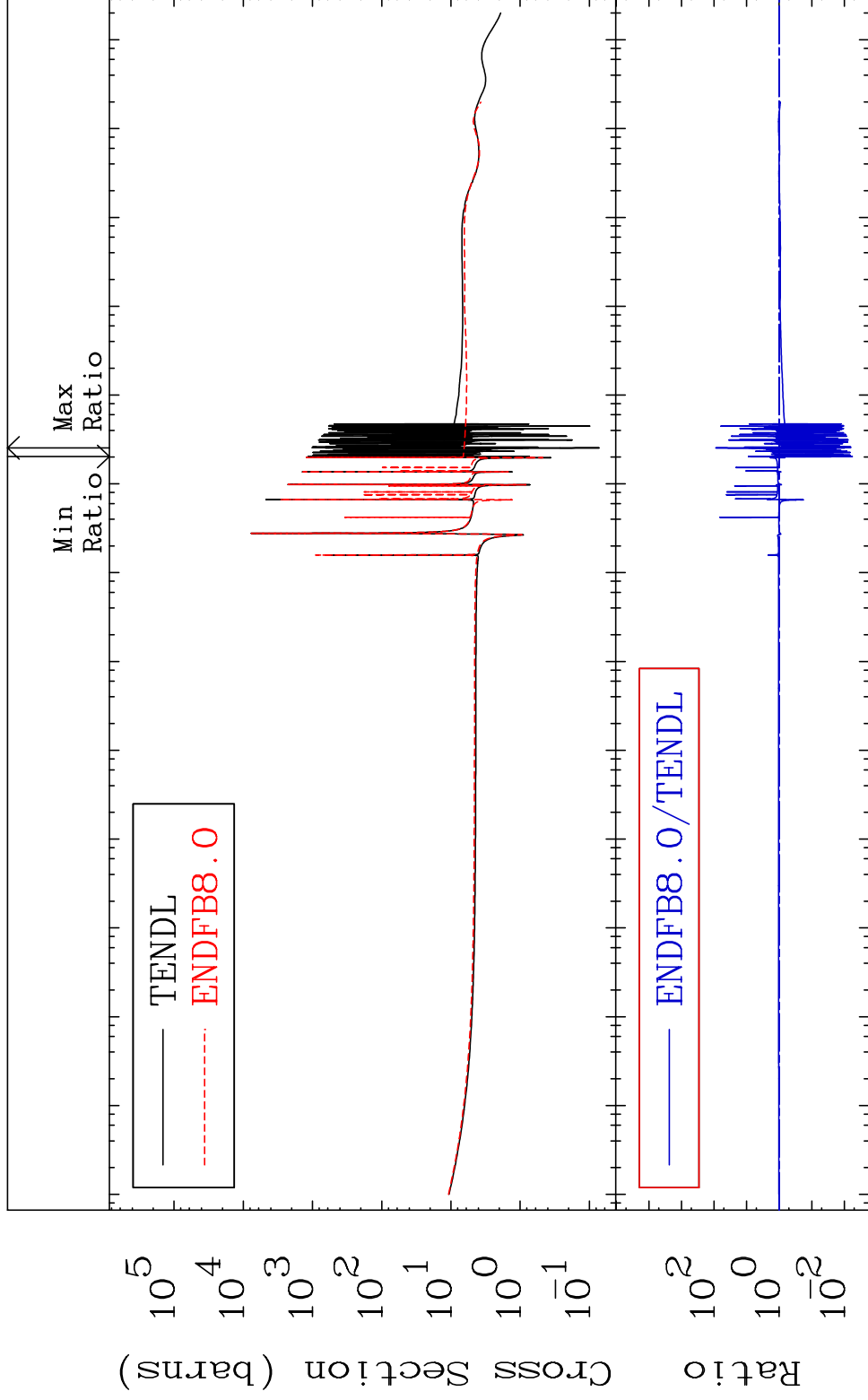
MAT 5031

Total

50-Sn-114

Cross Section

-99.43 To 8812. %



1

Incident Energy (eV)

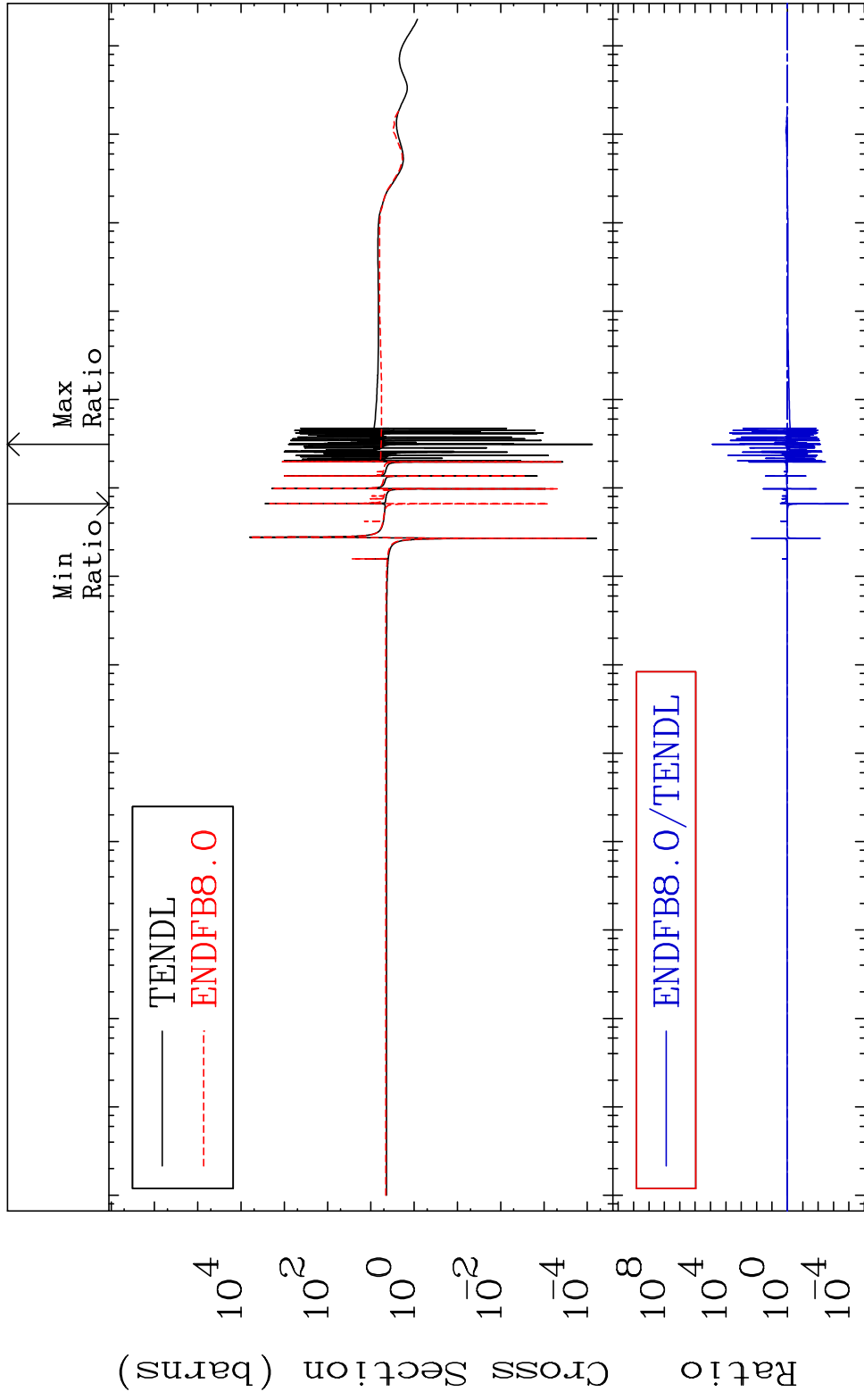
50-Sn-114

MAT 5031

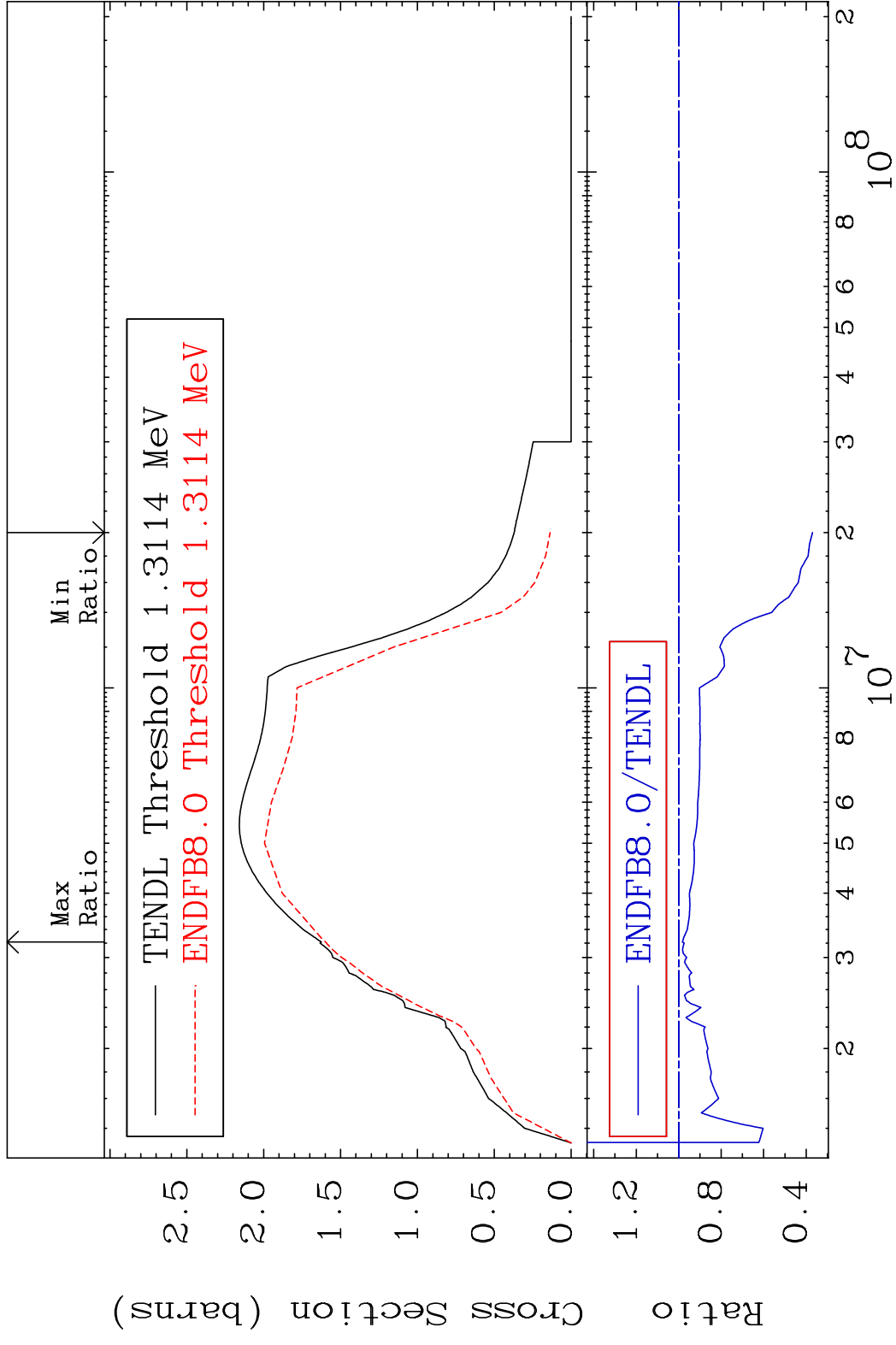
Elastic

50-Sn-114

Cross Section -99.99 To 9999. %



MAT 5031 Inelastic 50-Sn-114
 Cross Section -63.00 To -1.717%

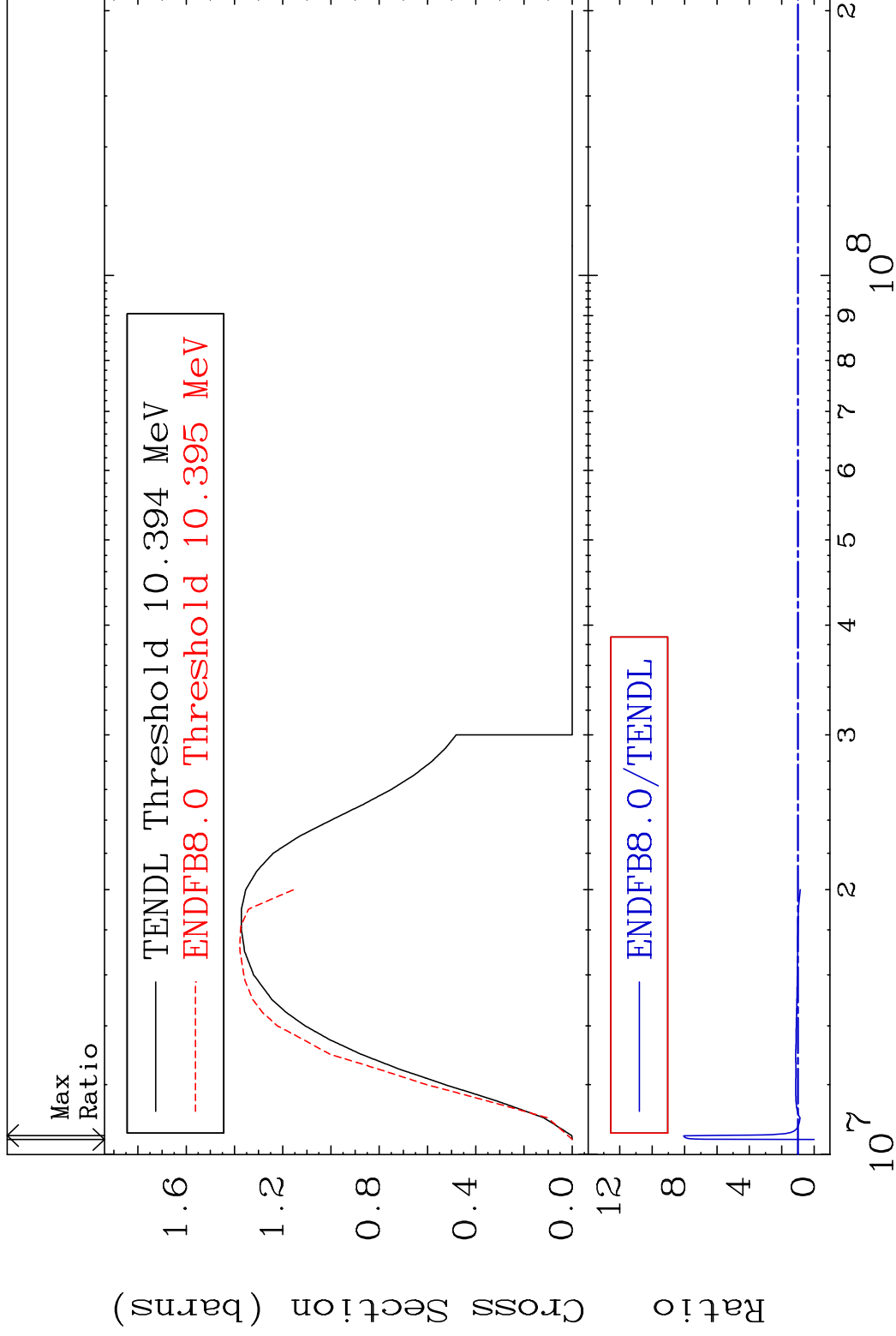


MAT 5031

(n,2n)

50-Sn-114

Cross Section -100.0 To 705.6 %



4

Incident Energy (eV)

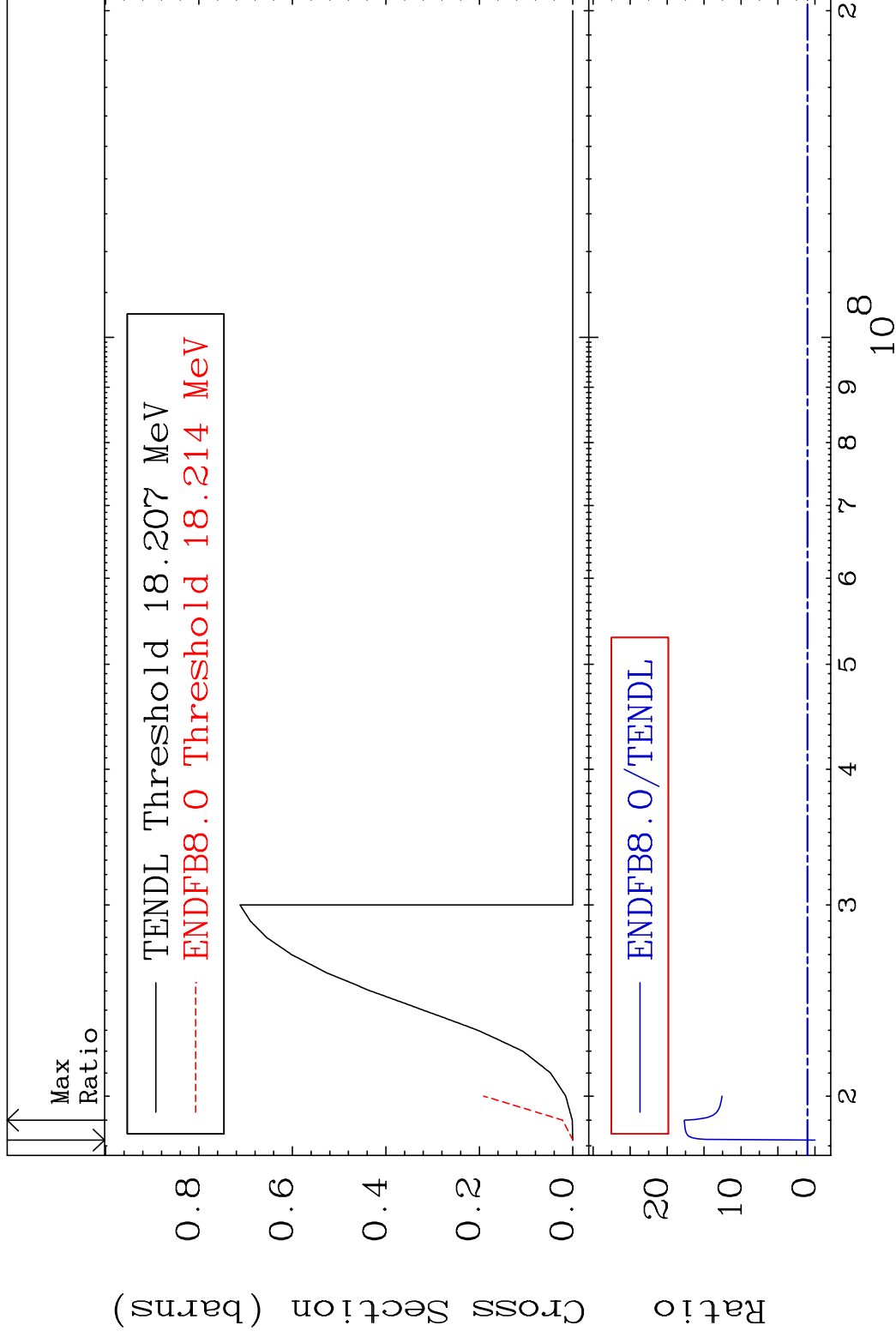
50-Sn-114

MAT 5031

(n,3n)

50-Sn-114

Cross Section -100.0 To 1667. %



5

Incident Energy (eV)

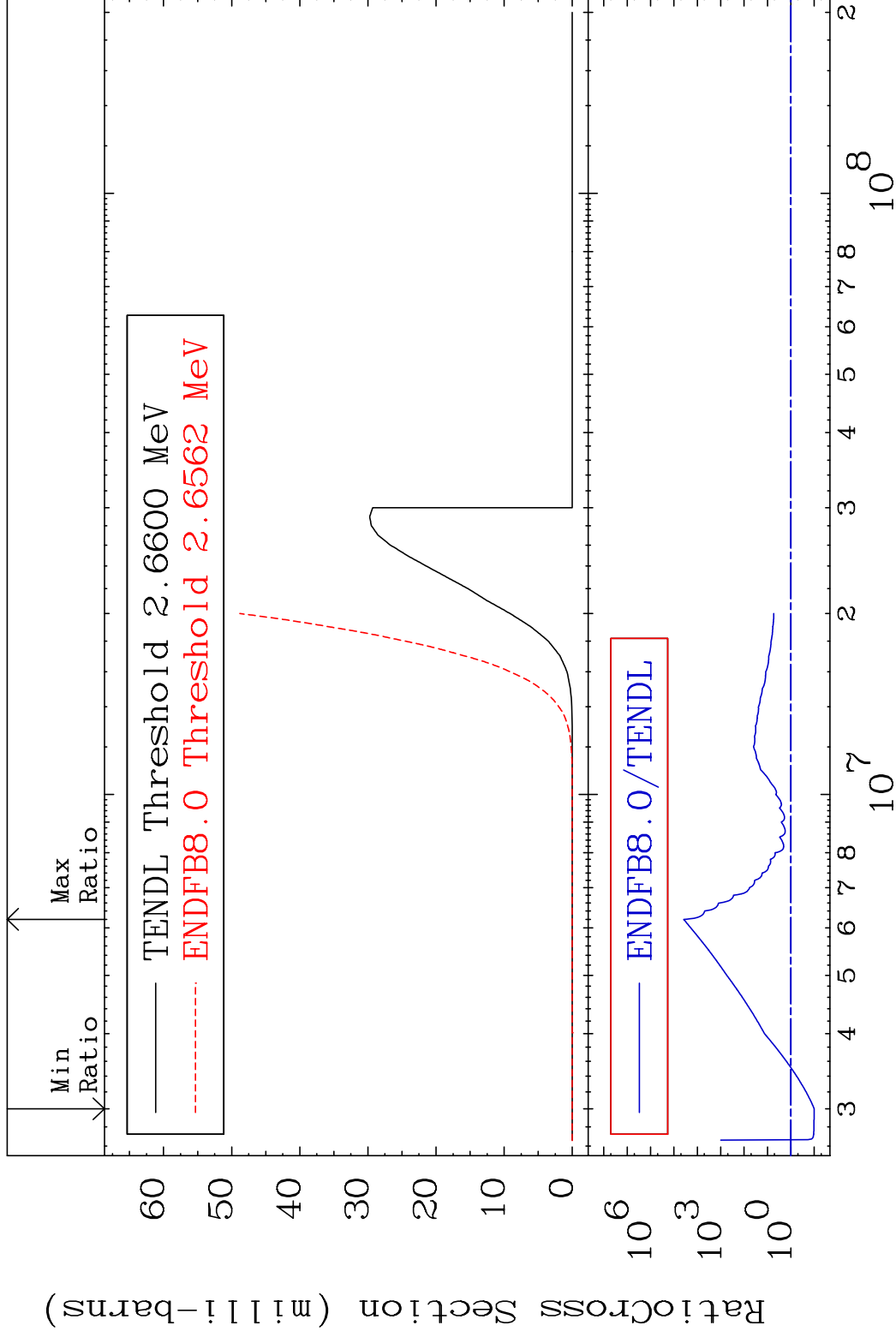
50-Sn-114

MAT 5031

(n, n') α

50-Sn-114

Cross Section -89.92 To 9999. %



6

Incident Energy (eV)

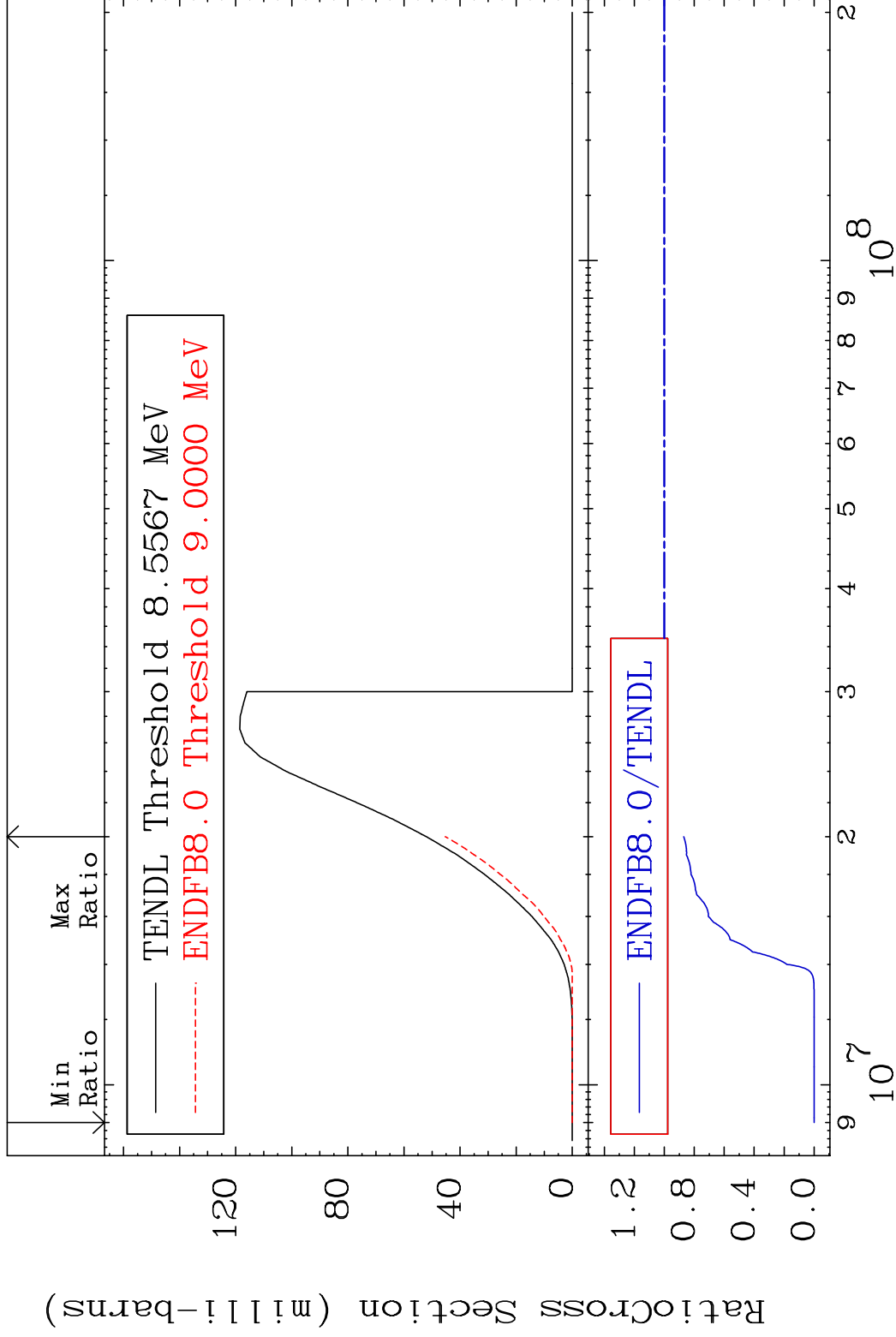
50-Sn-114

MAT 5031

(n, n') p

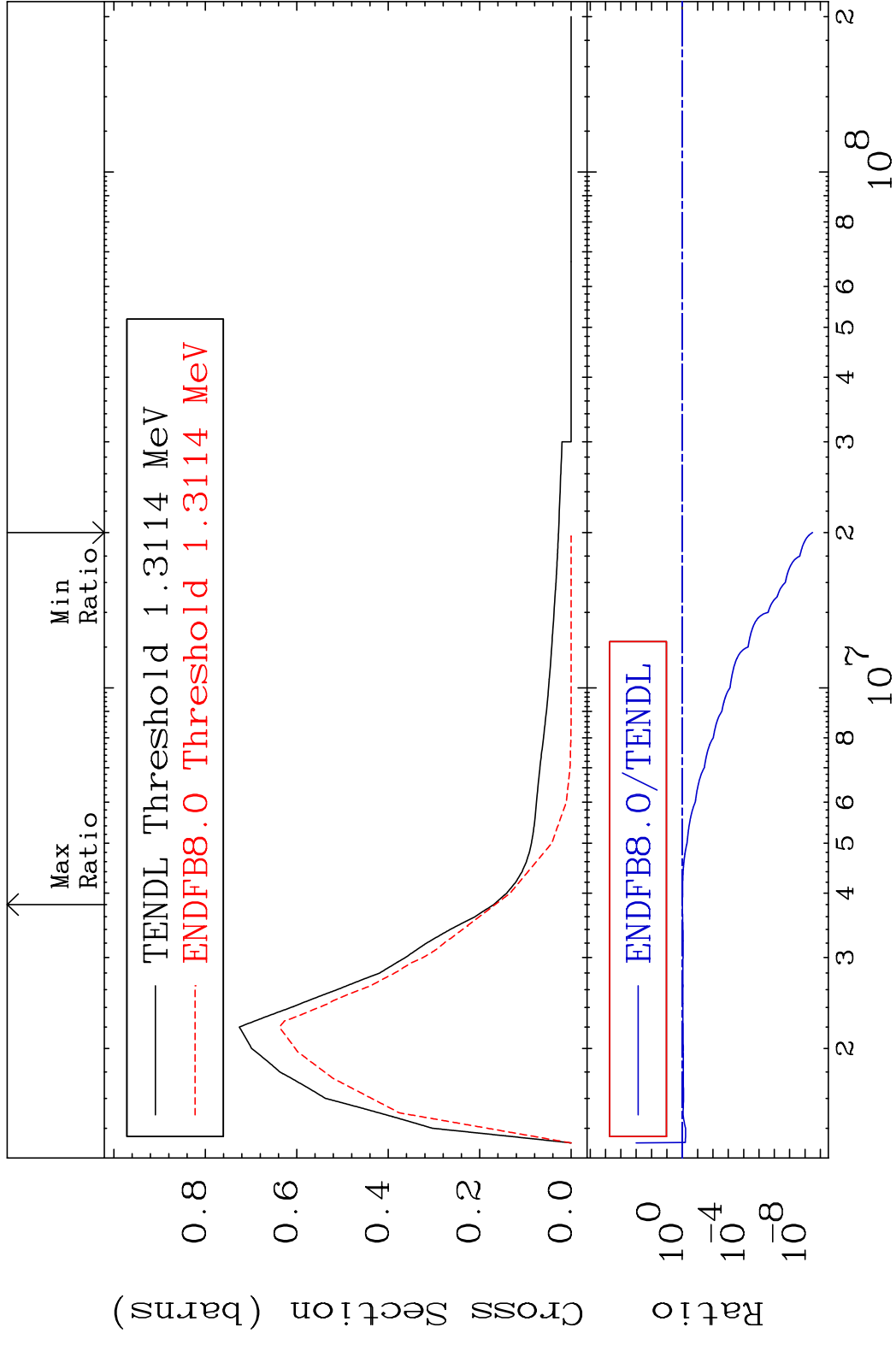
50-Sn-114

Cross Section -100.0 To -12.94%

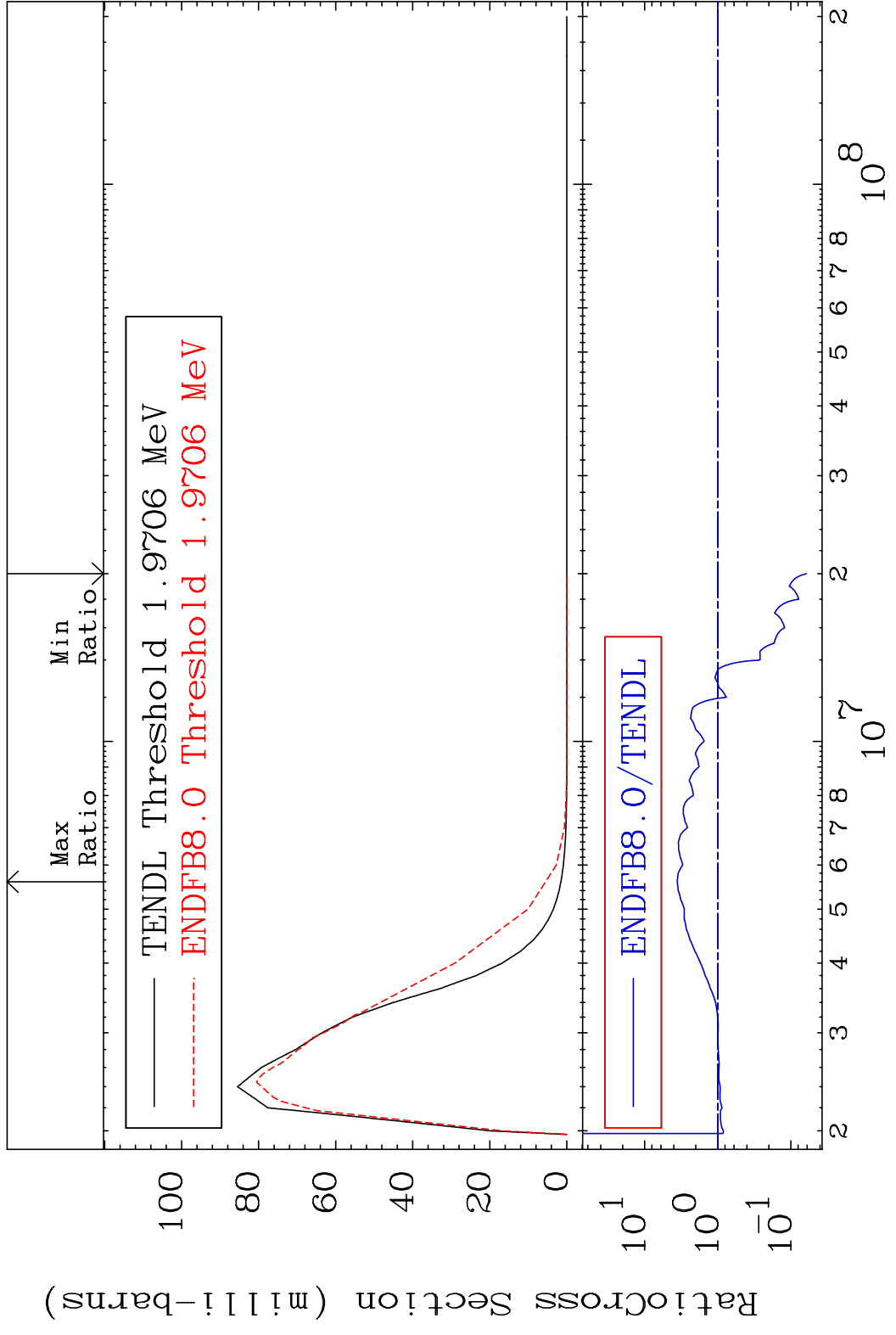


7 Incident Energy (eV) 50-Sn-114

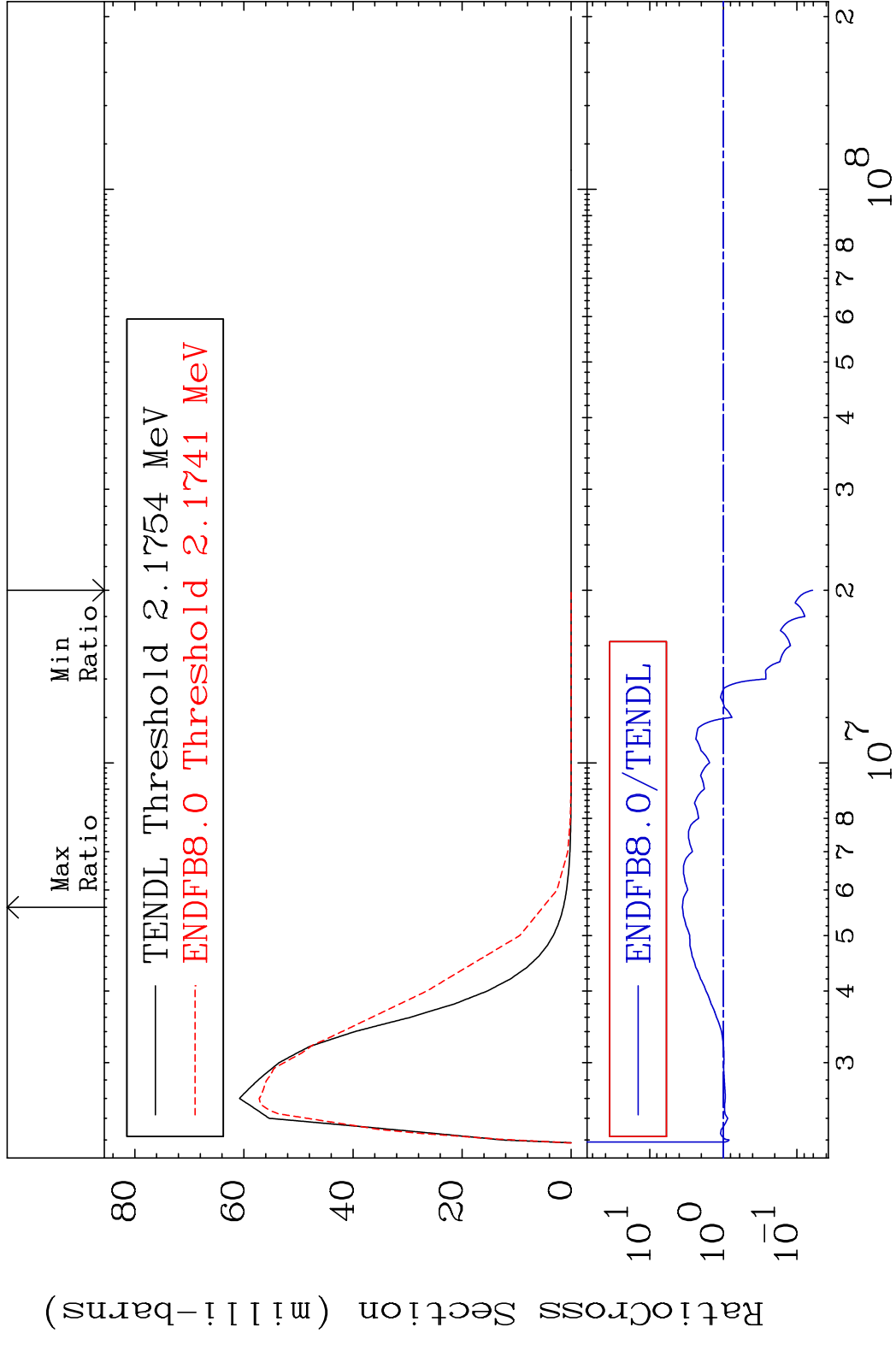
MAT 5031 MT= 51 (n, n') Level 50-Sn-114
 Cross Section -100.0 To -1.806%



MAT 5031 MT= 52 (n, n') Level 50-Sn-114
 Cross Section -93.86 To 259.8 %

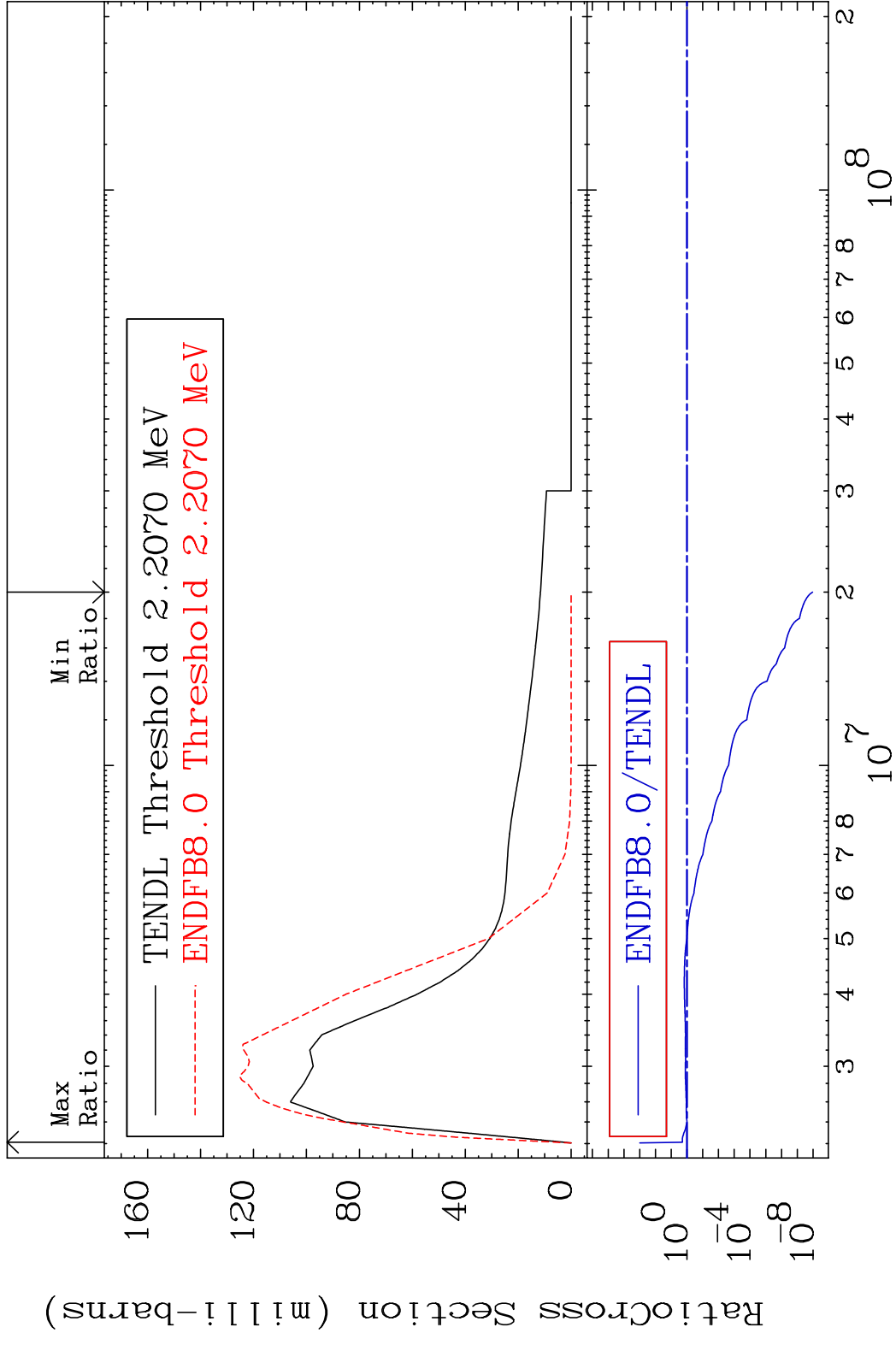


MAT 5031 MT= 53 (n, n') Level 50-Sn-114
 Cross Section -93.87 To 261.1 %

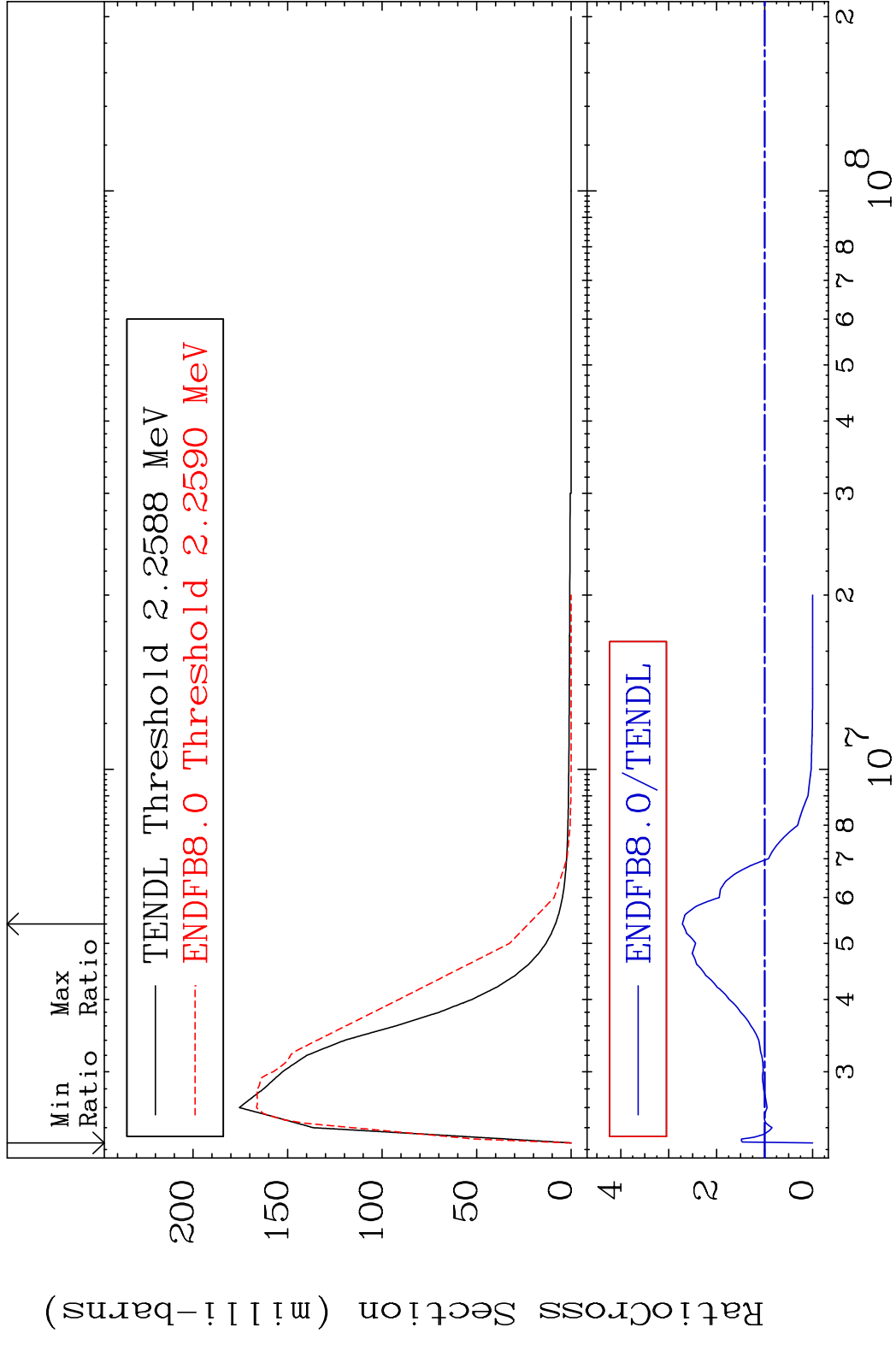


10 Incident Energy (eV) 50-Sn-114

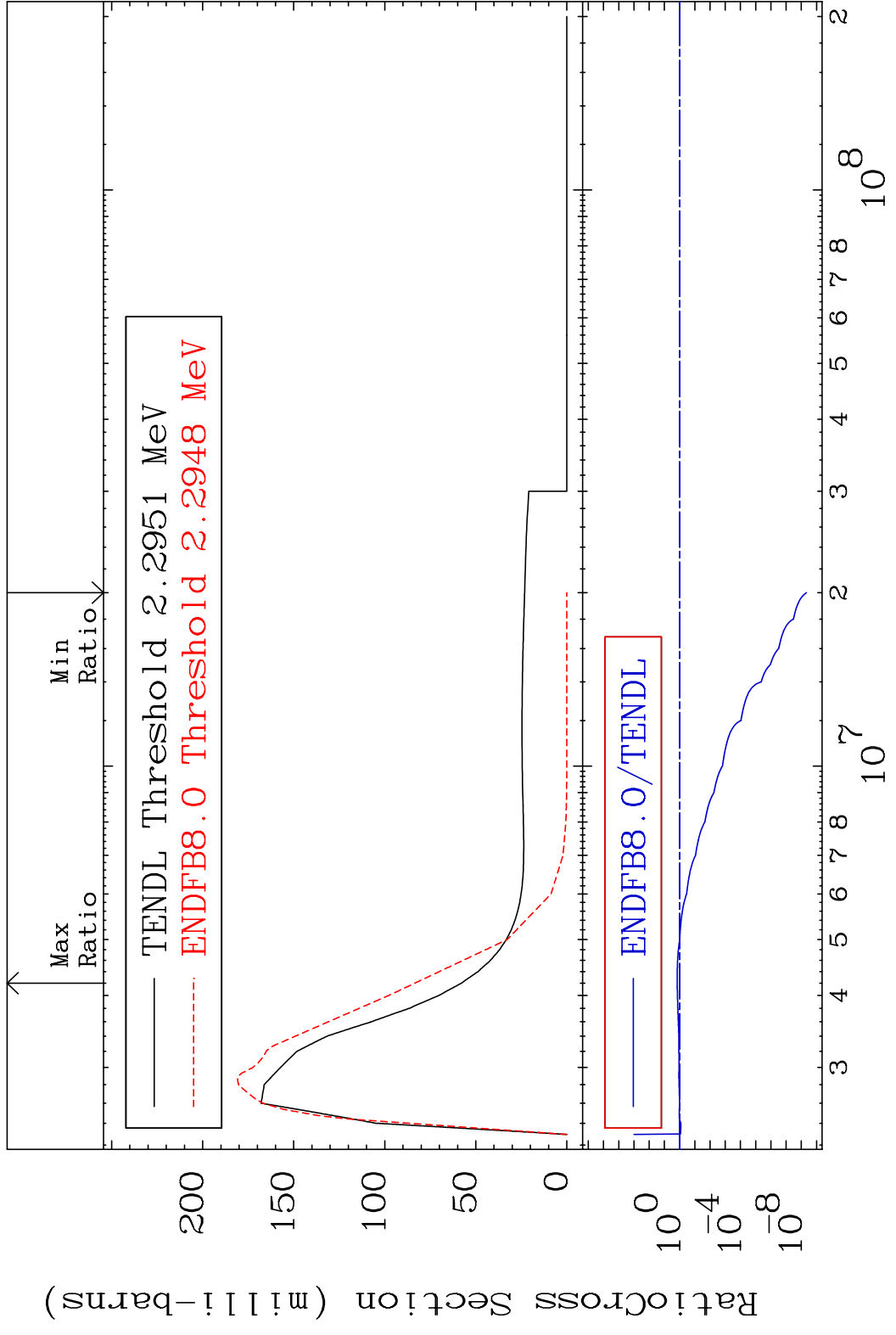
MAT 5031 MT= 54 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 96.07 %



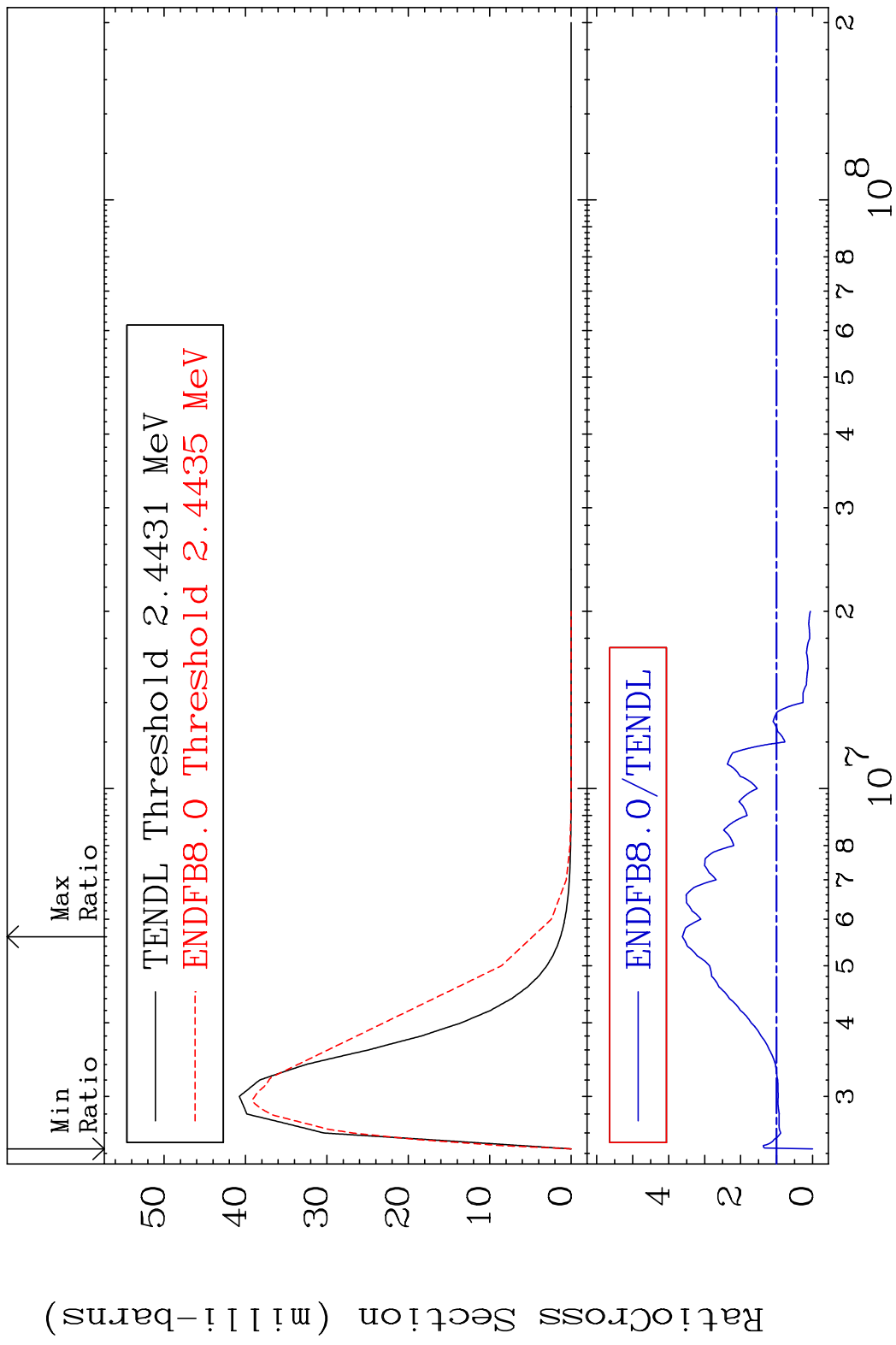
MAT 5031 MT= 55 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 171.6 %



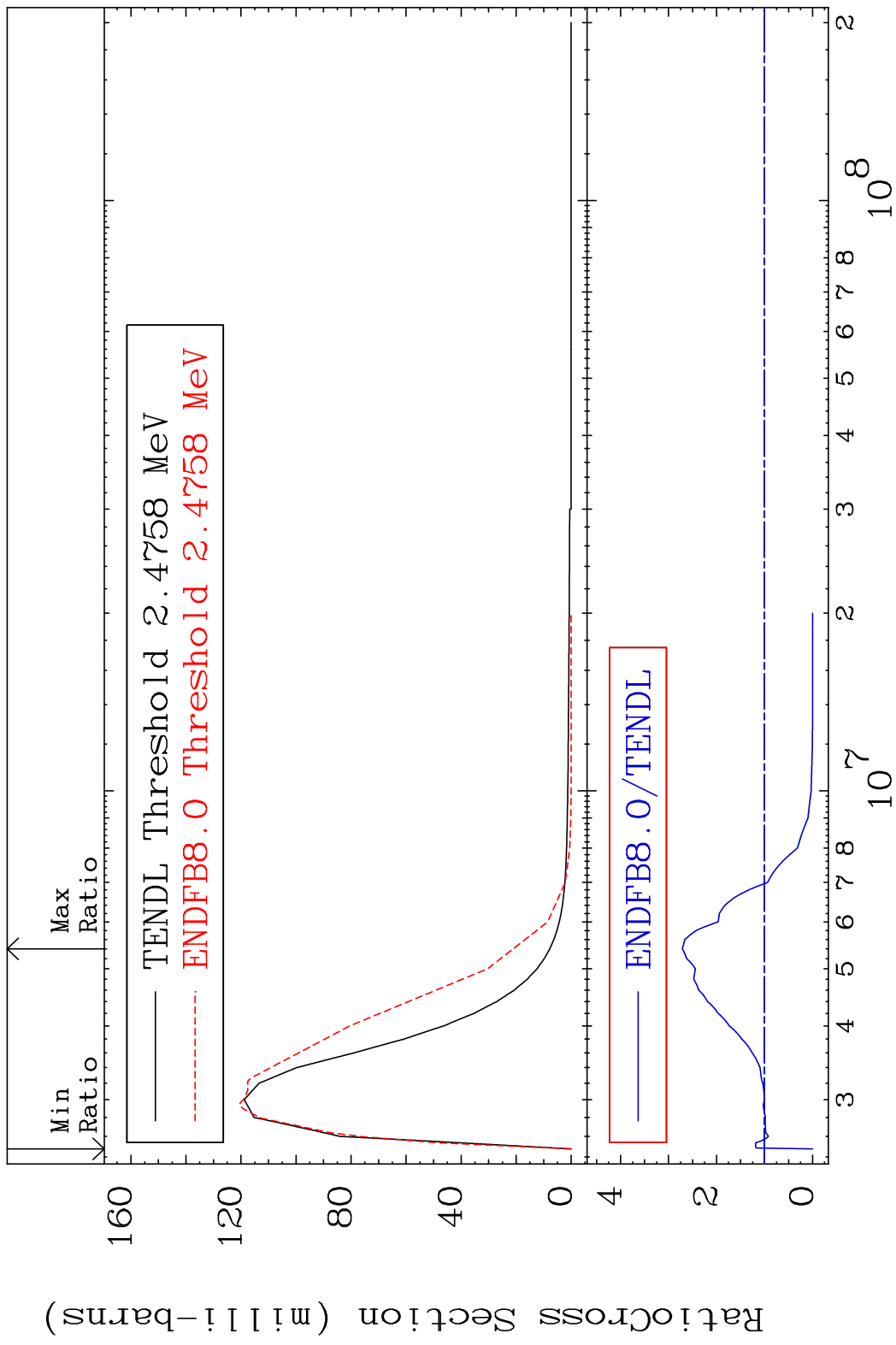
MAT 5031 MT= 56 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 44.17 %



MAT 5031 MT= 57 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 261.9 %

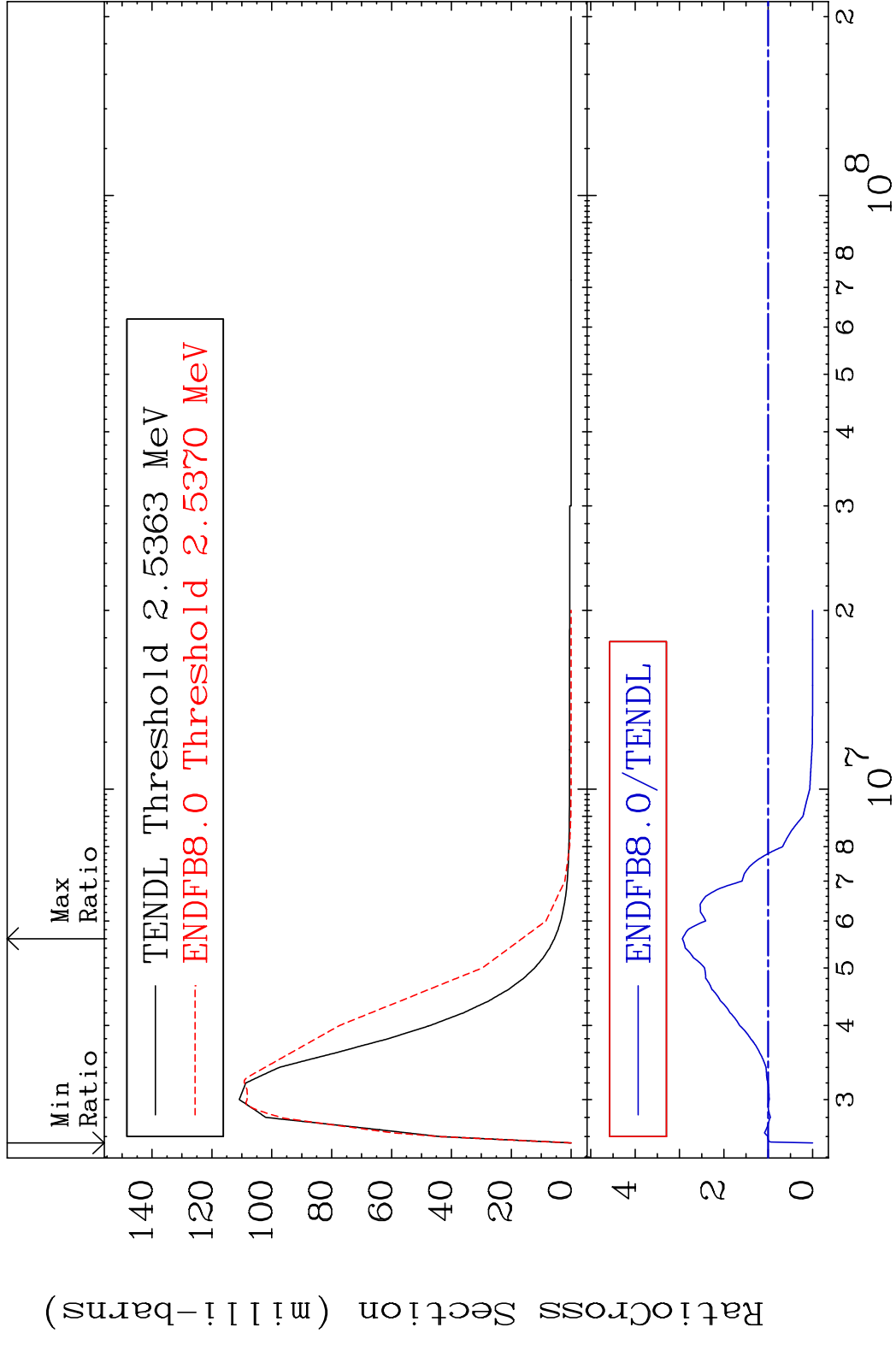


MAT 5031 MT= 58 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 171.3 %

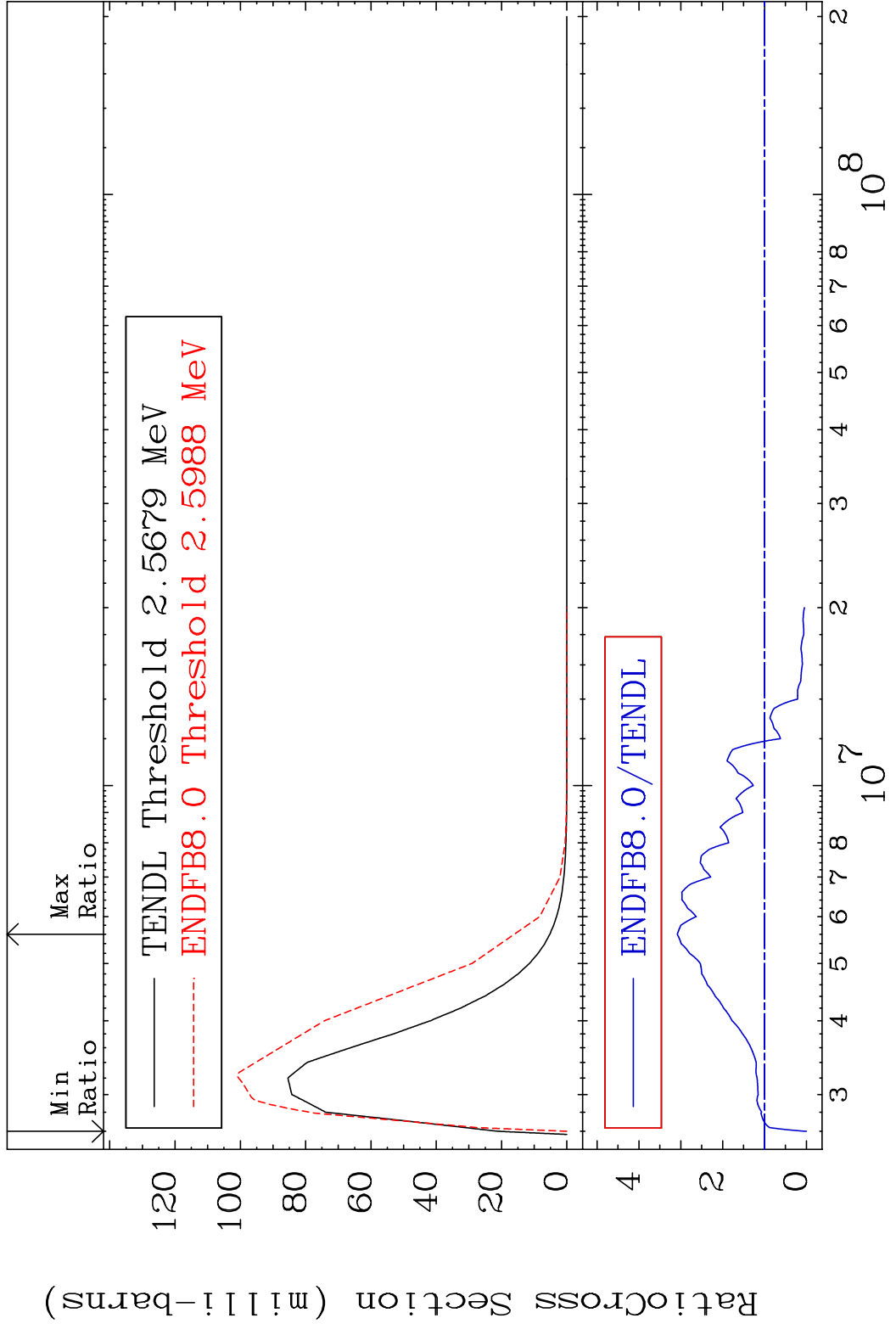


15 50-Sn-114

MAT 5031 MT= 59 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 193.5 %

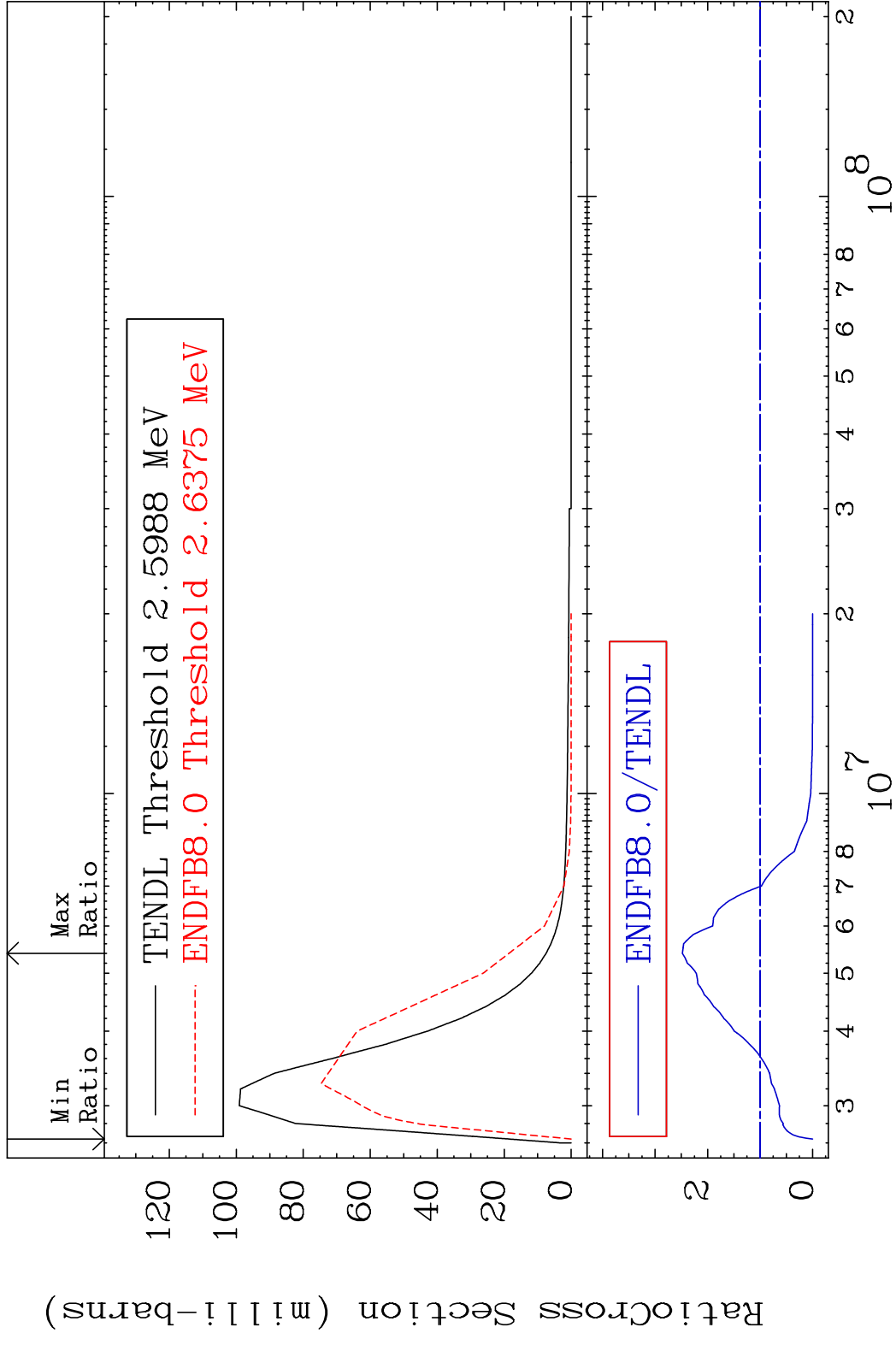


MAT 5031 MT= 60 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 208.5 %

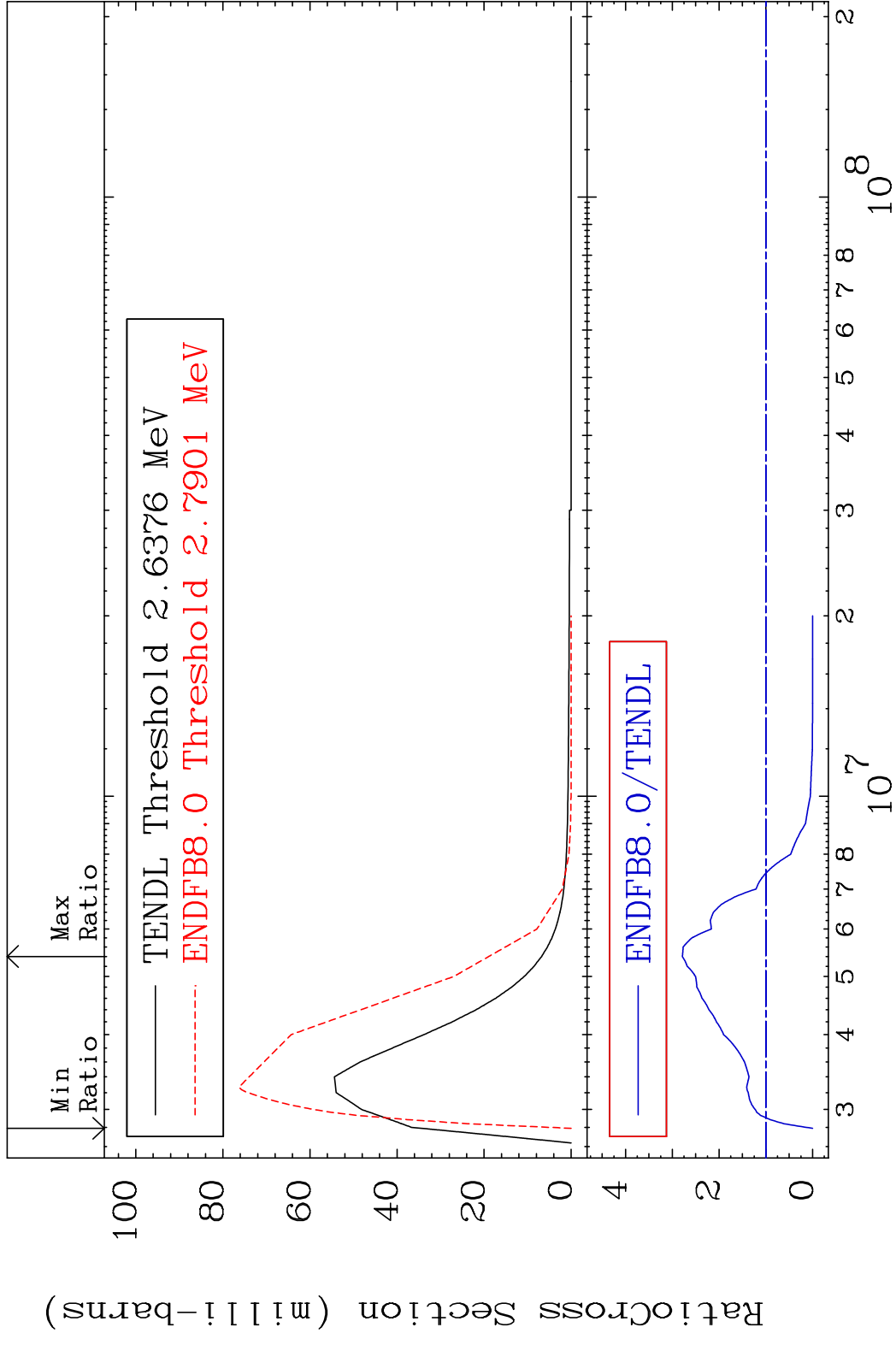


17 Incident Energy (eV) 50-Sn-114

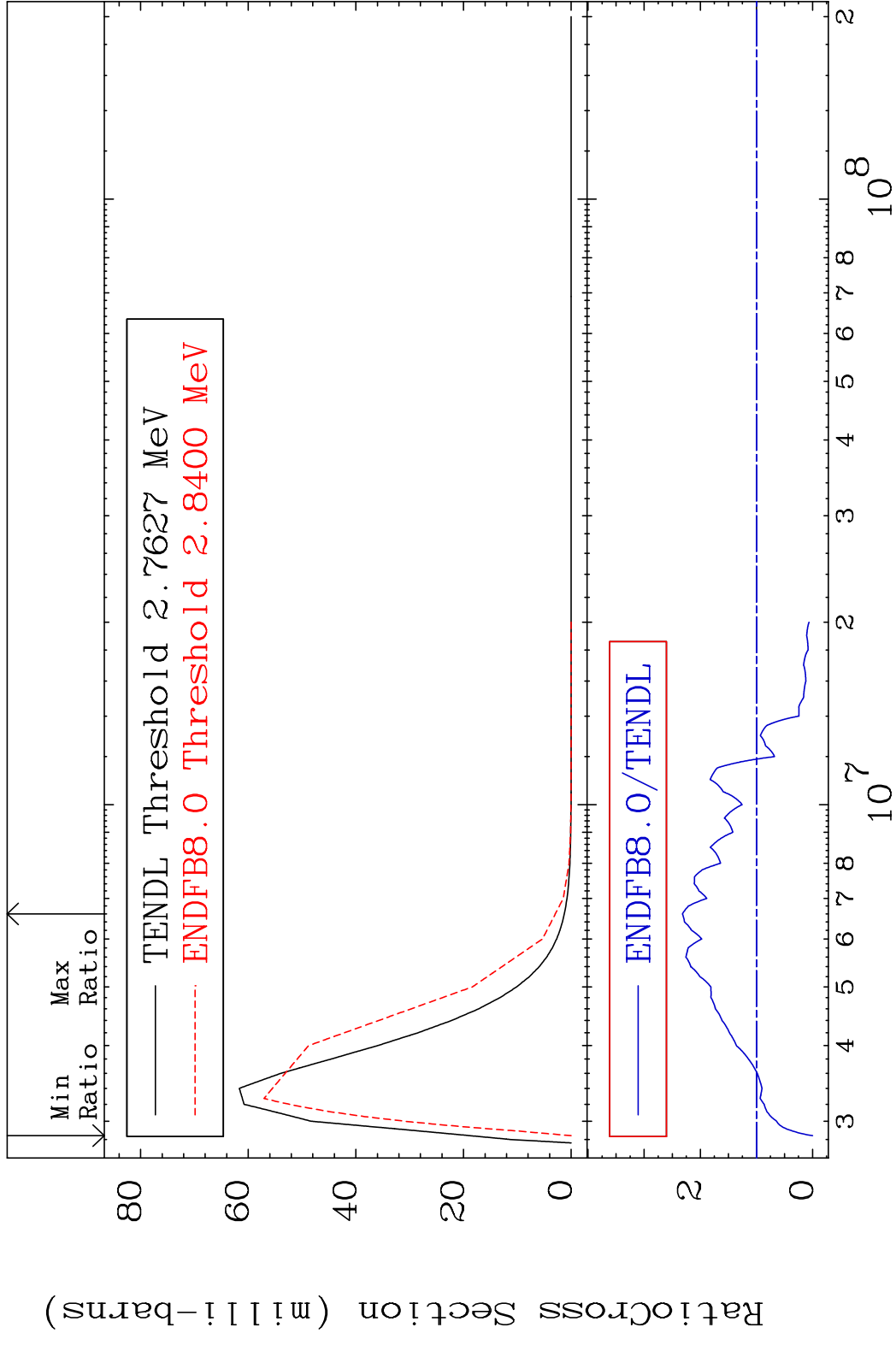
MAT 5031 MT= 61 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 148.1 %



MAT 5031 MT= 62 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 178.5 %



MAT 5031 MT= 63 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 132.0 %

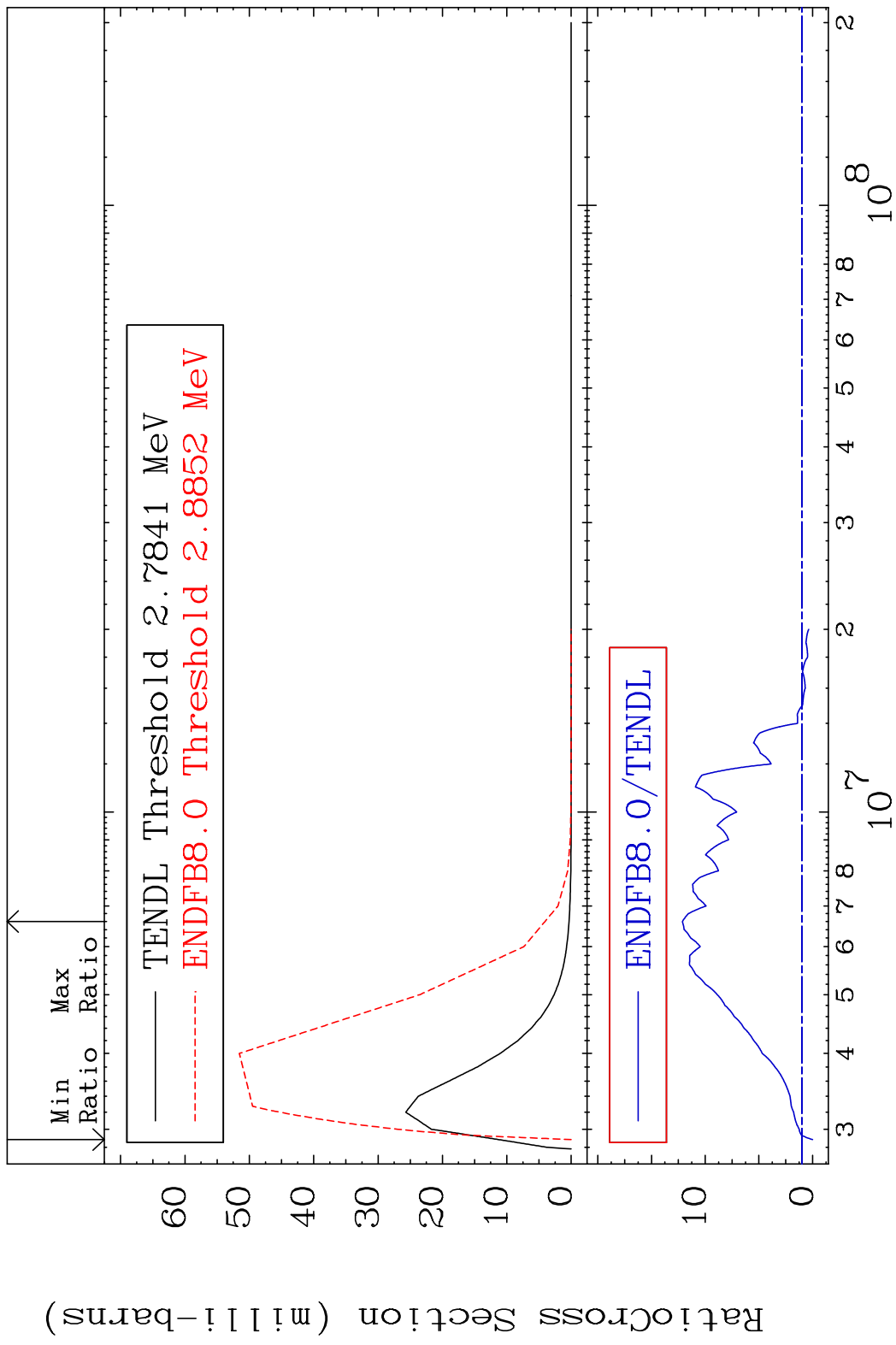


20

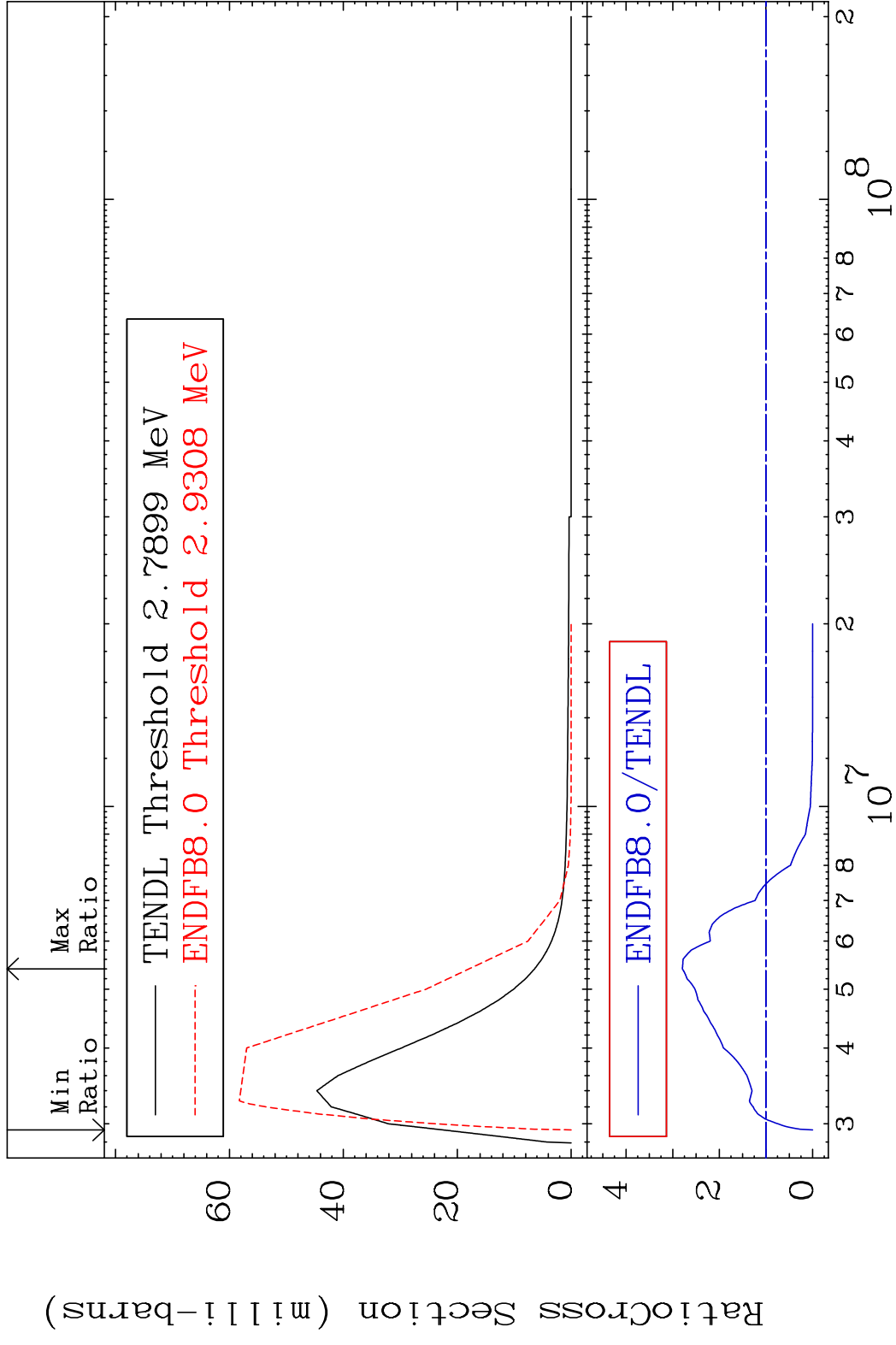
Incident Energy (eV)

50-Sn-114

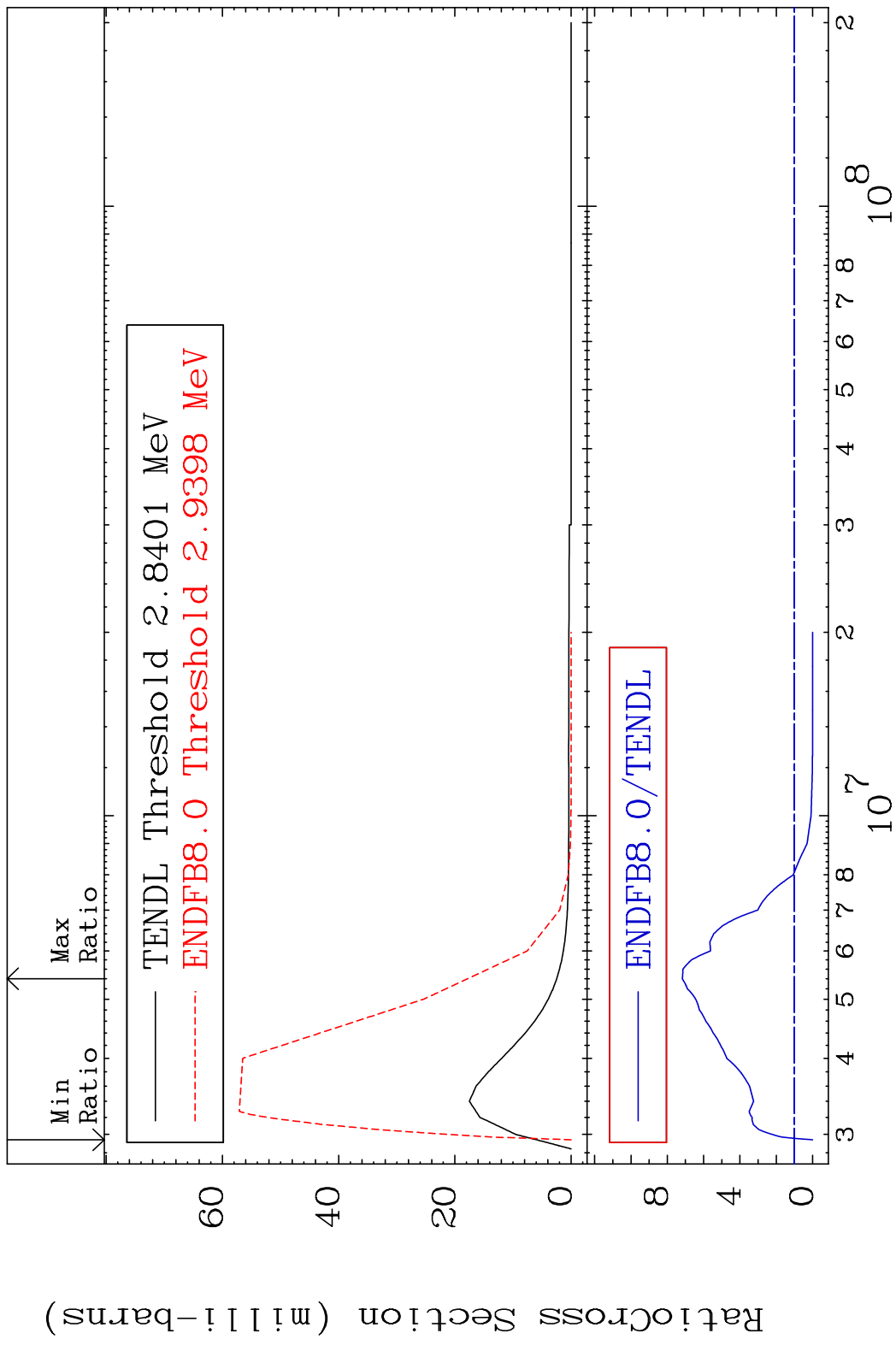
MAT 5031 MT= 64 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 1113. %



MAT 5031 MT= 65 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 179.3 %

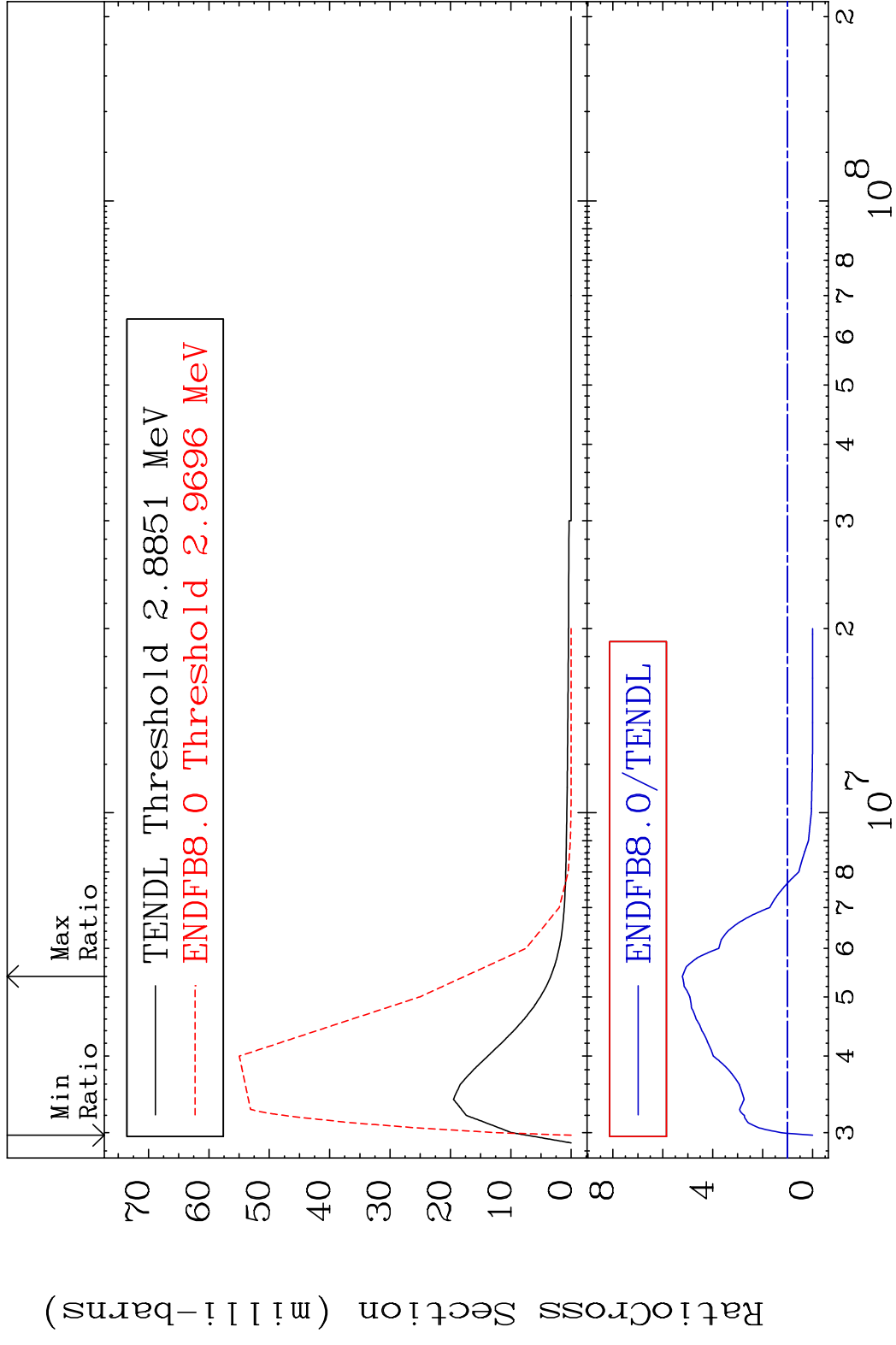


MAT 5031 MT= 66 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 617.1 %

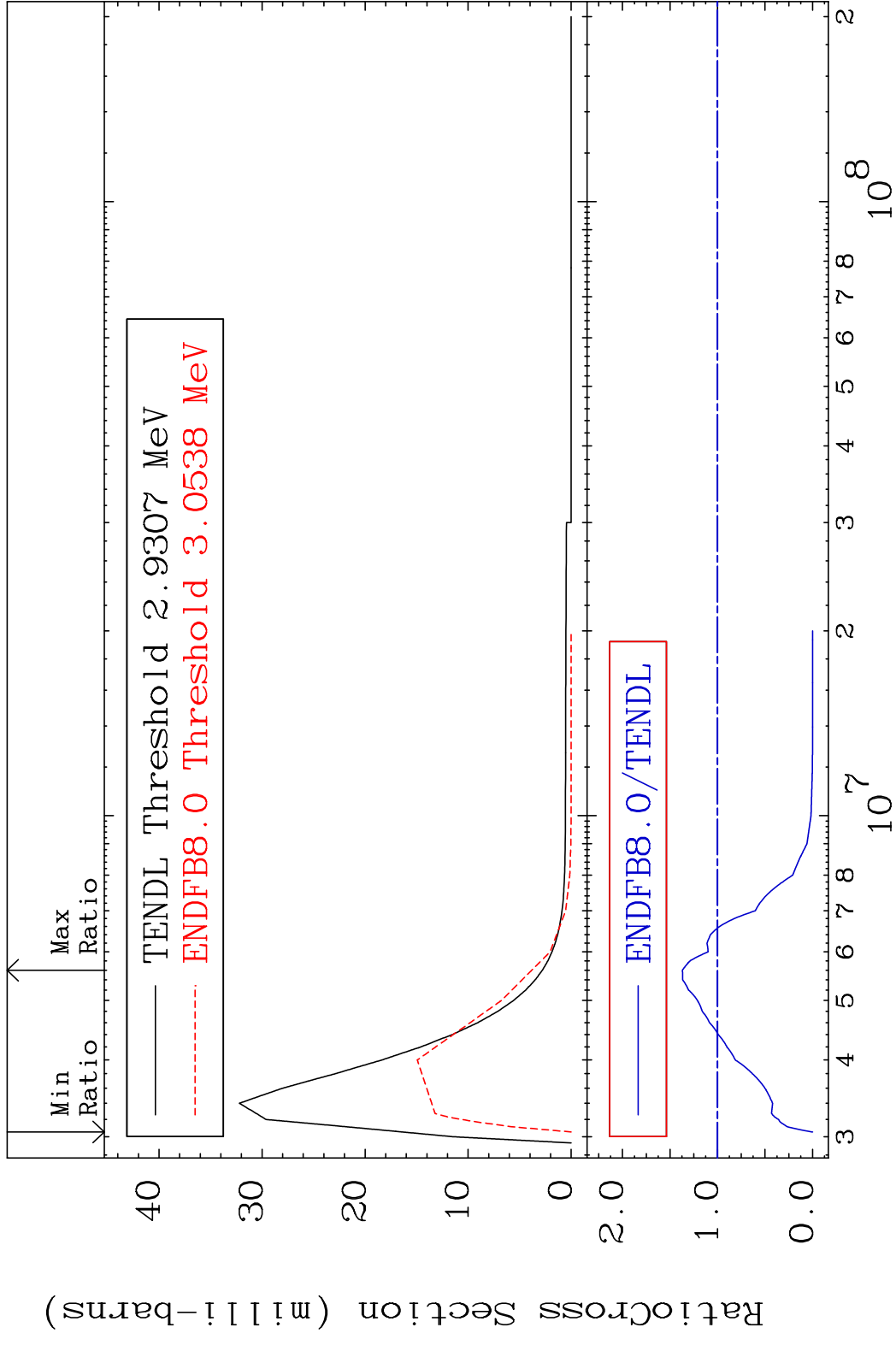


23 Incident Energy (eV) 50-Sn-114

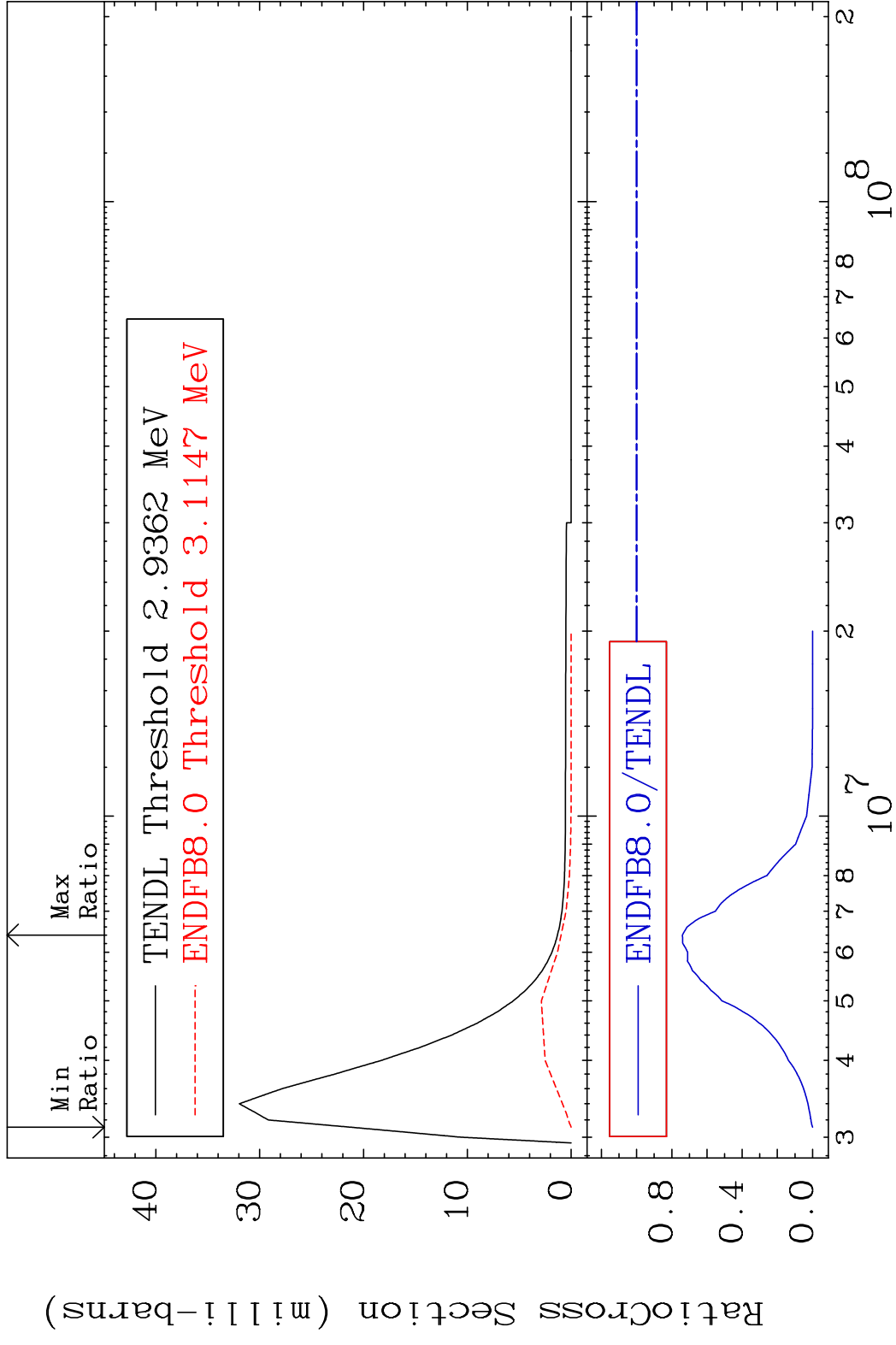
MAT 5031 MT= 67 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 421.7 %



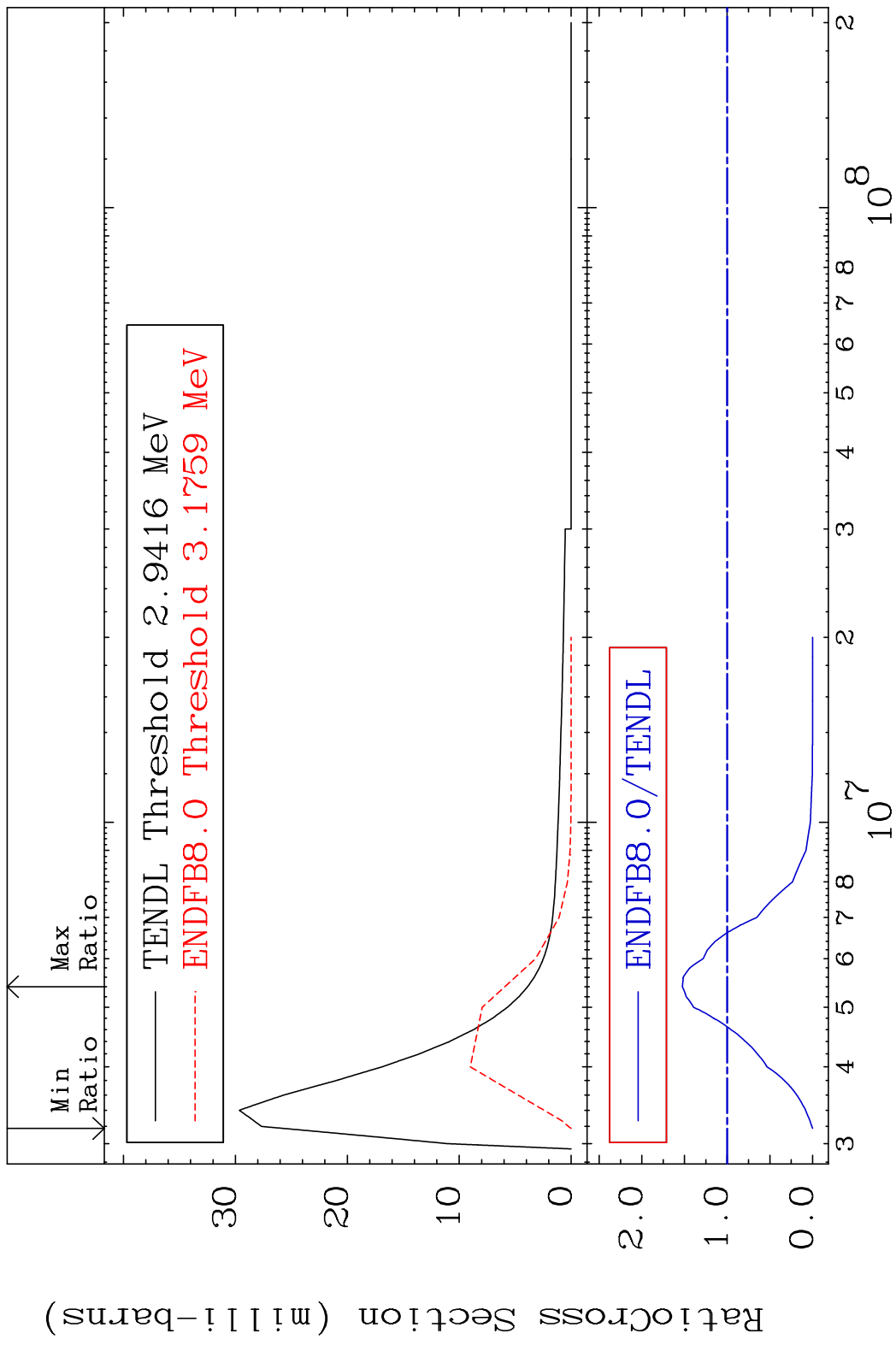
MAT 5031 MT= 68 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 37.03 %



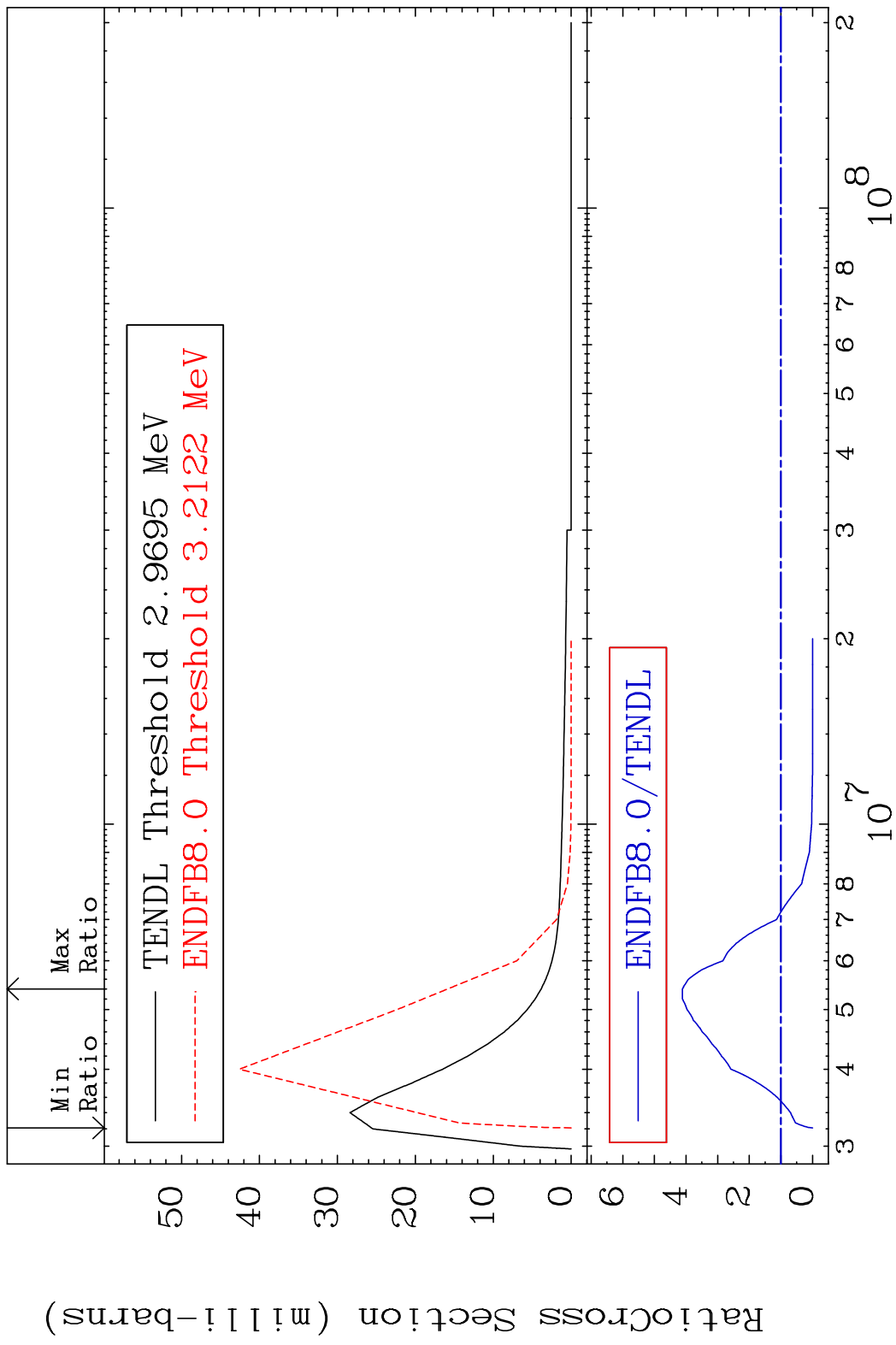
MAT 5031 MT= 69 (n,n') Level 50-Sn-114
 Cross Section -100.0 To -26.00%



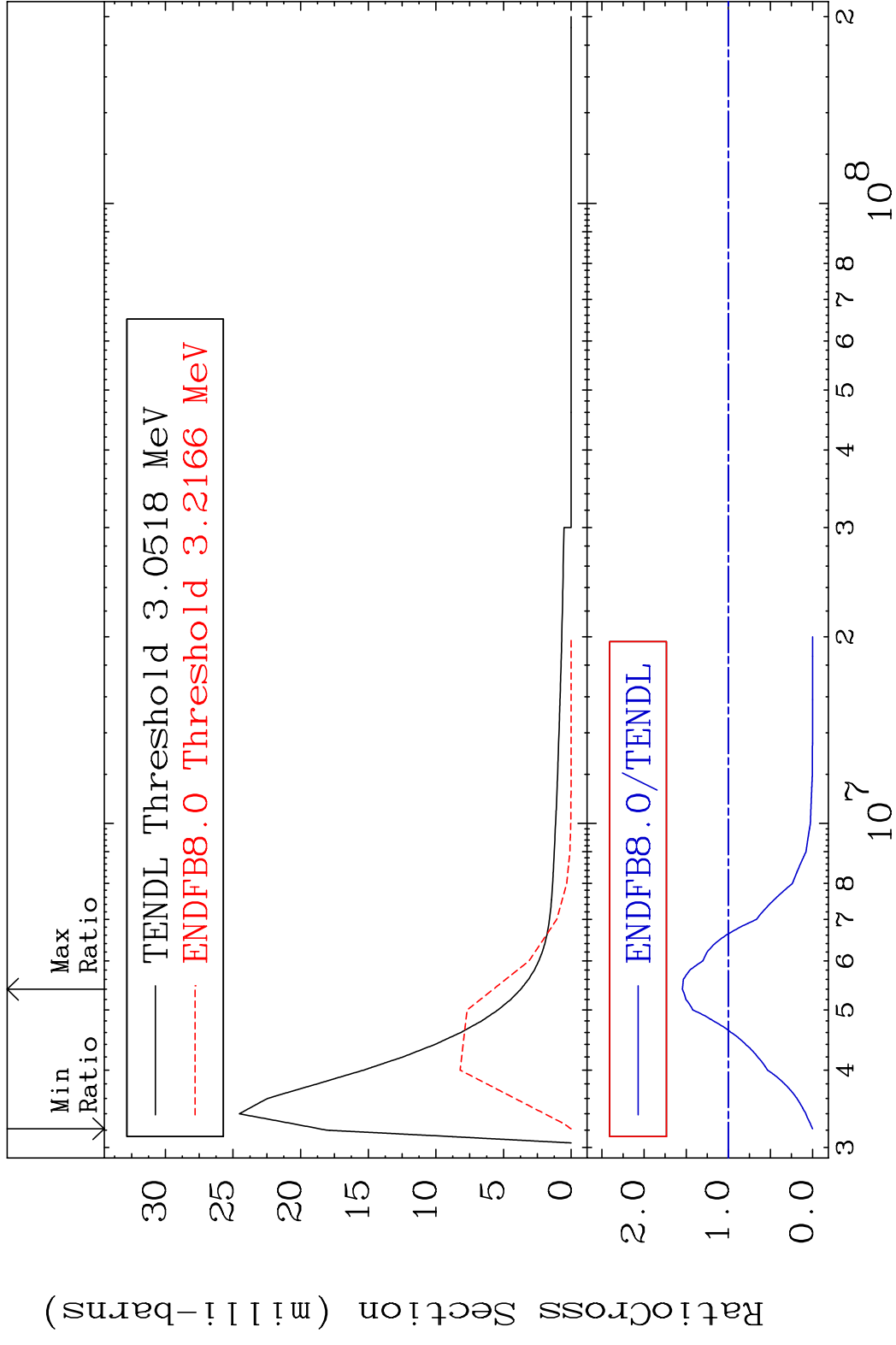
MAT 5031 MT= 70 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 52.53 %



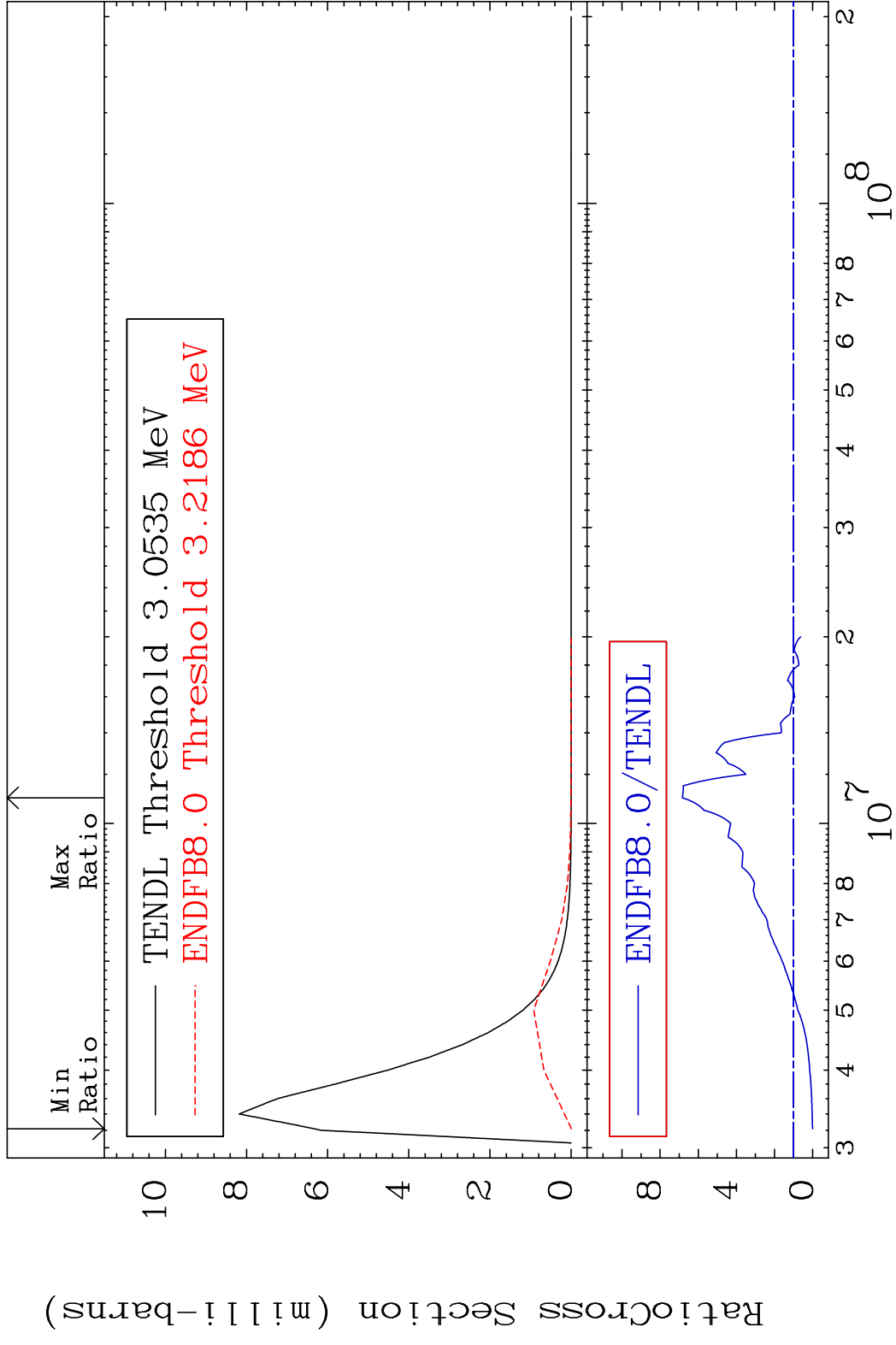
MAT 5031 MT= 71 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 311.6 %



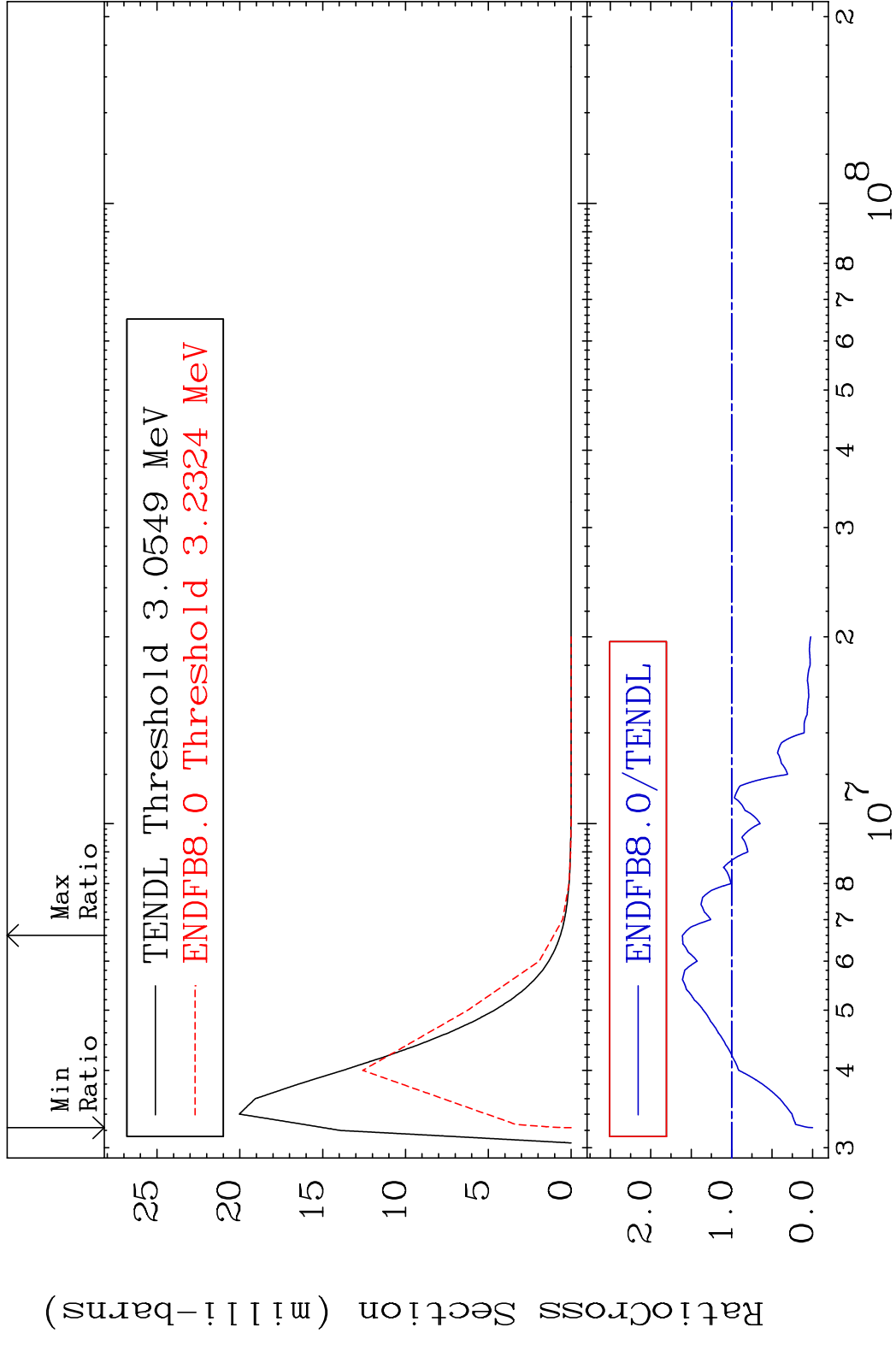
MAT 5031 MT= 72 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 54.57 %



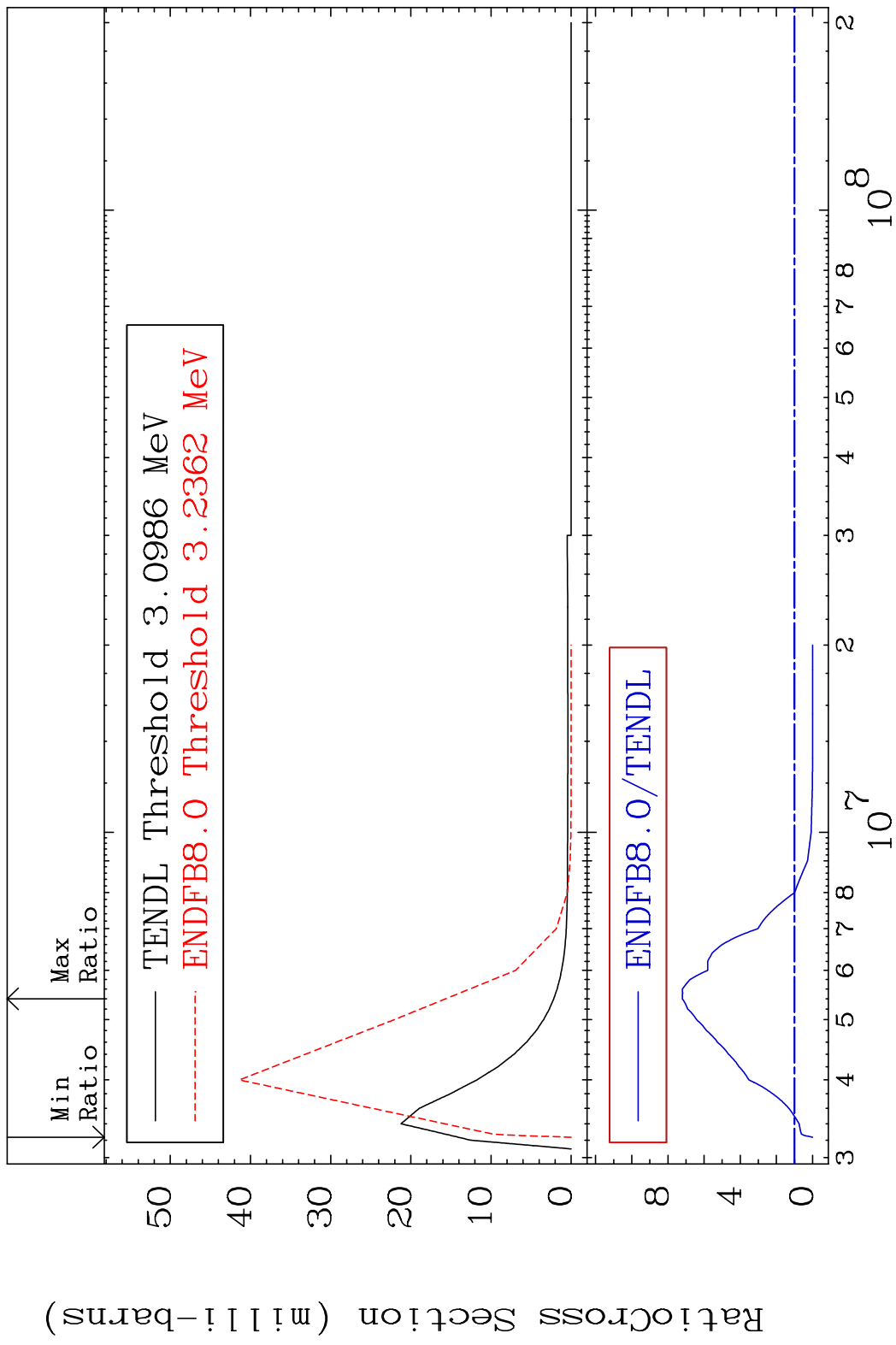
MAT 5031 MT= 73 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 583.5 %



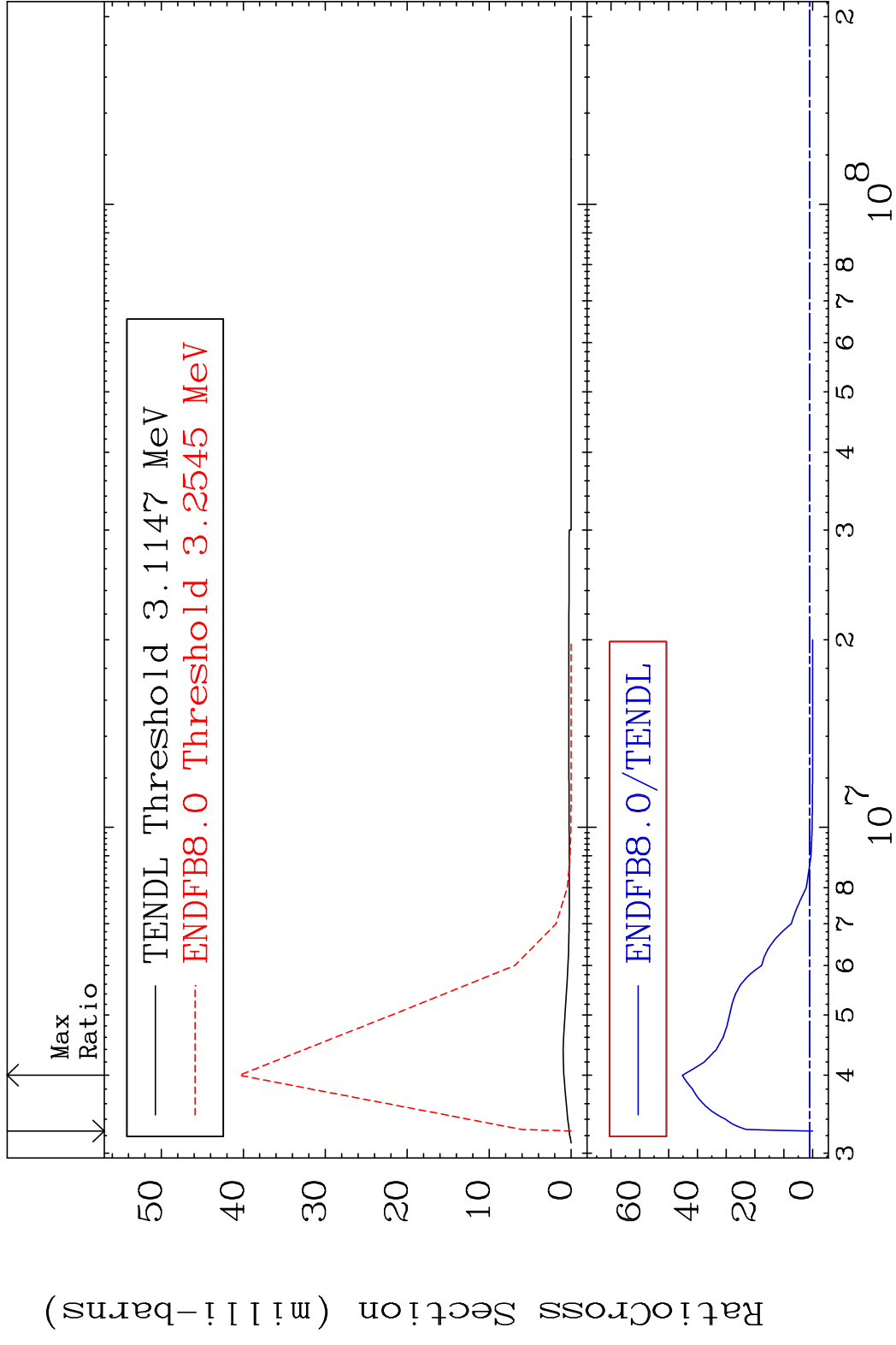
MAT 5031 MT= 74 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 60.97 %



MAT 5031 MT= 75 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 620.2 %



MAT 5031 MT= 76 (n,n') Level 50-Sn-114
 Cross Section -100.0 To 4423. %

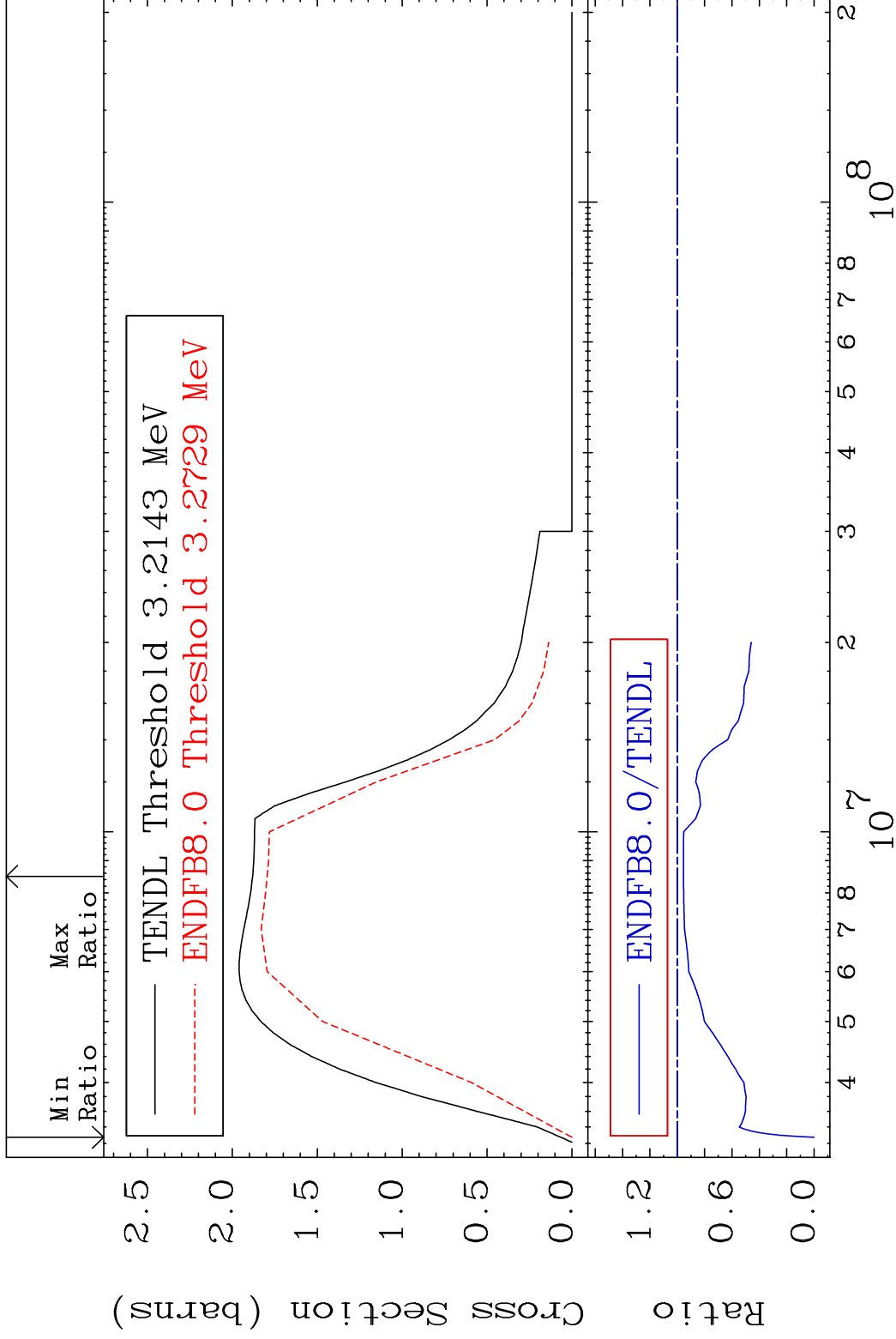


MAT 5031

(n,n') Continuum

50-Sn-114

Cross Section -100.0 To -4.527%



34

Incident Energy (eV)

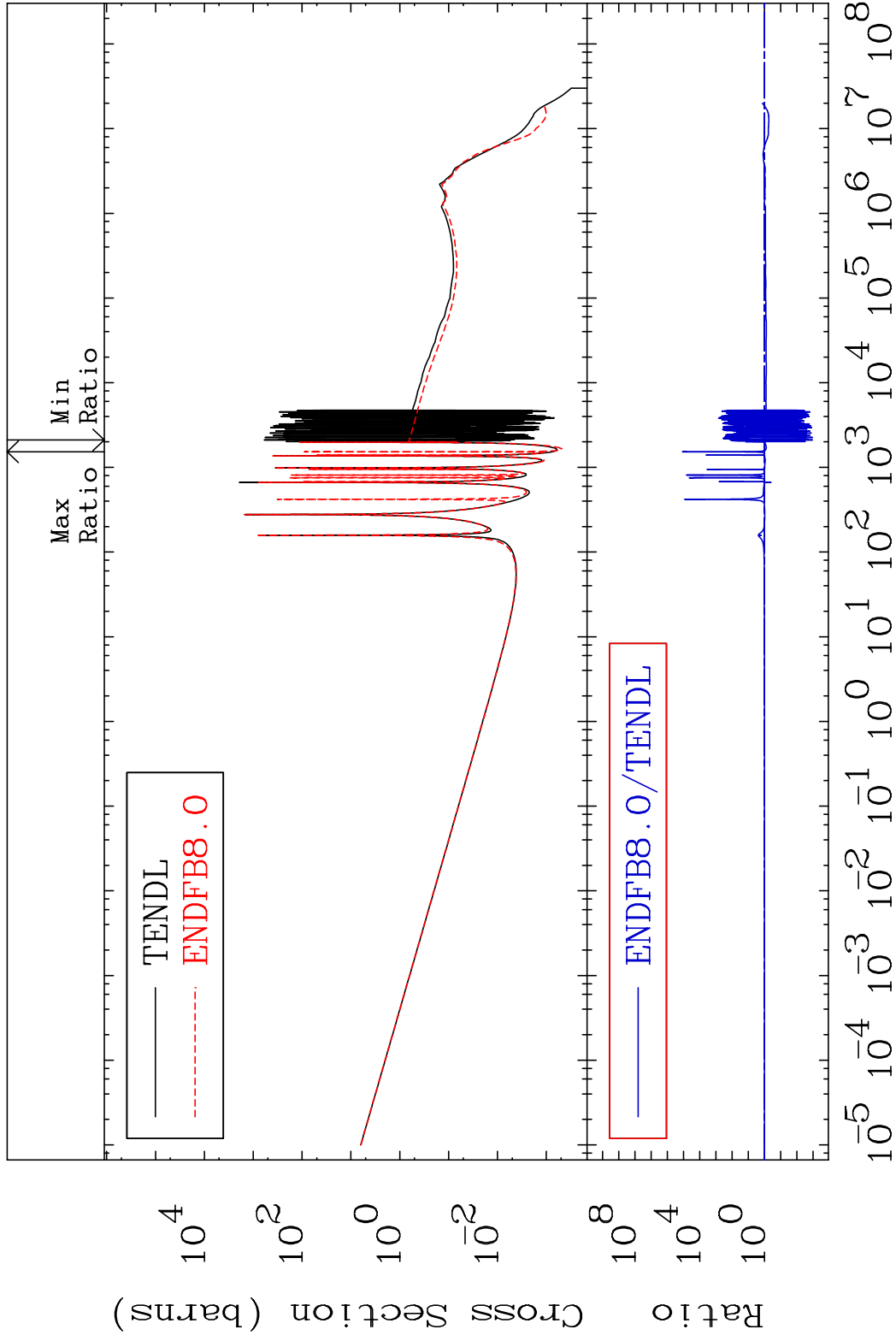
50-Sn-114

MAT 5031

(n, γ)

50-Sn-114

Cross Section -99.89 To 9999. %

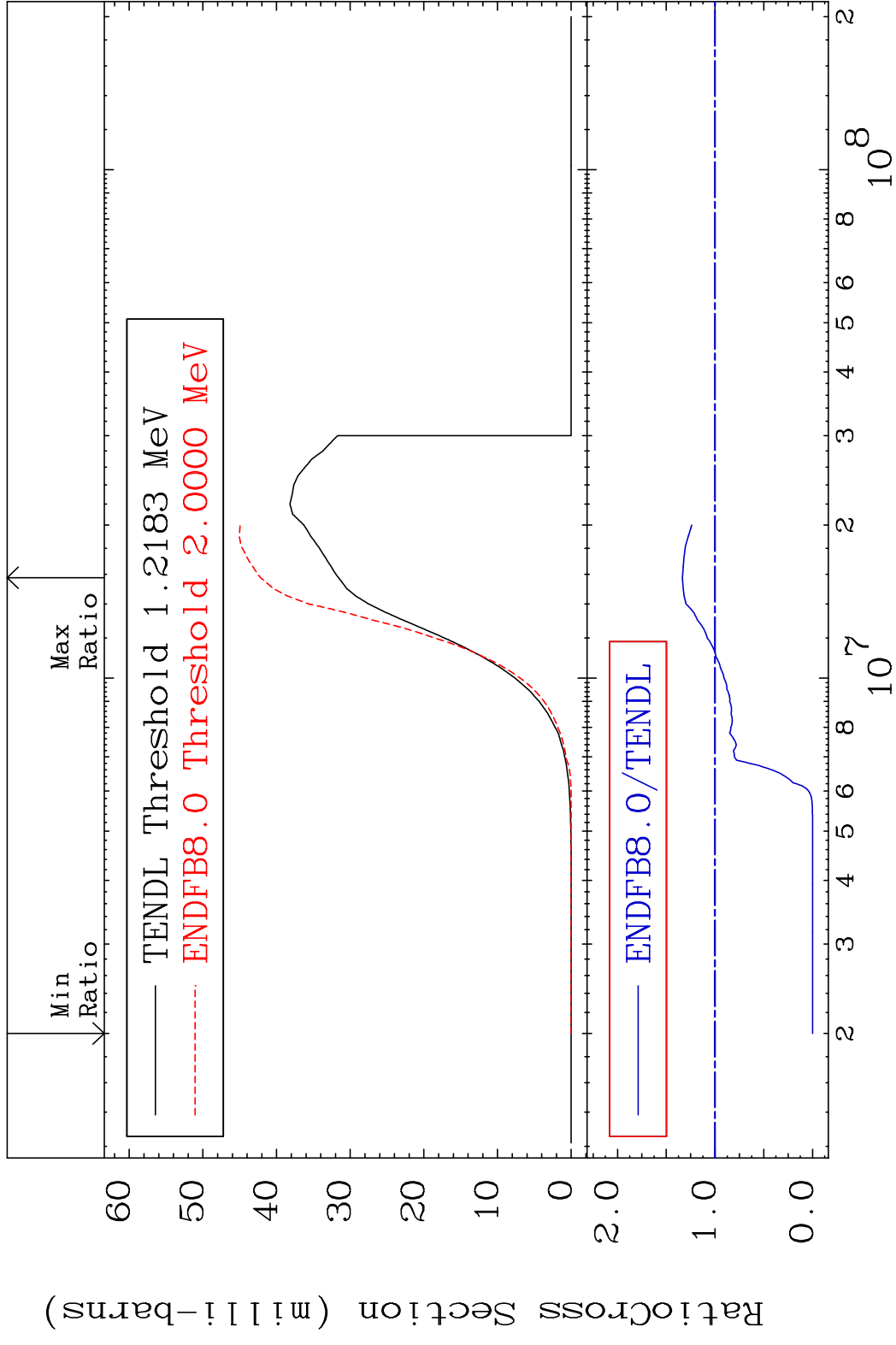


35

Incident Energy (eV)

50-Sn-114

MAT 5031 (n,p) 50-Sn-114
 Cross Section -100.0 To 33.52 %

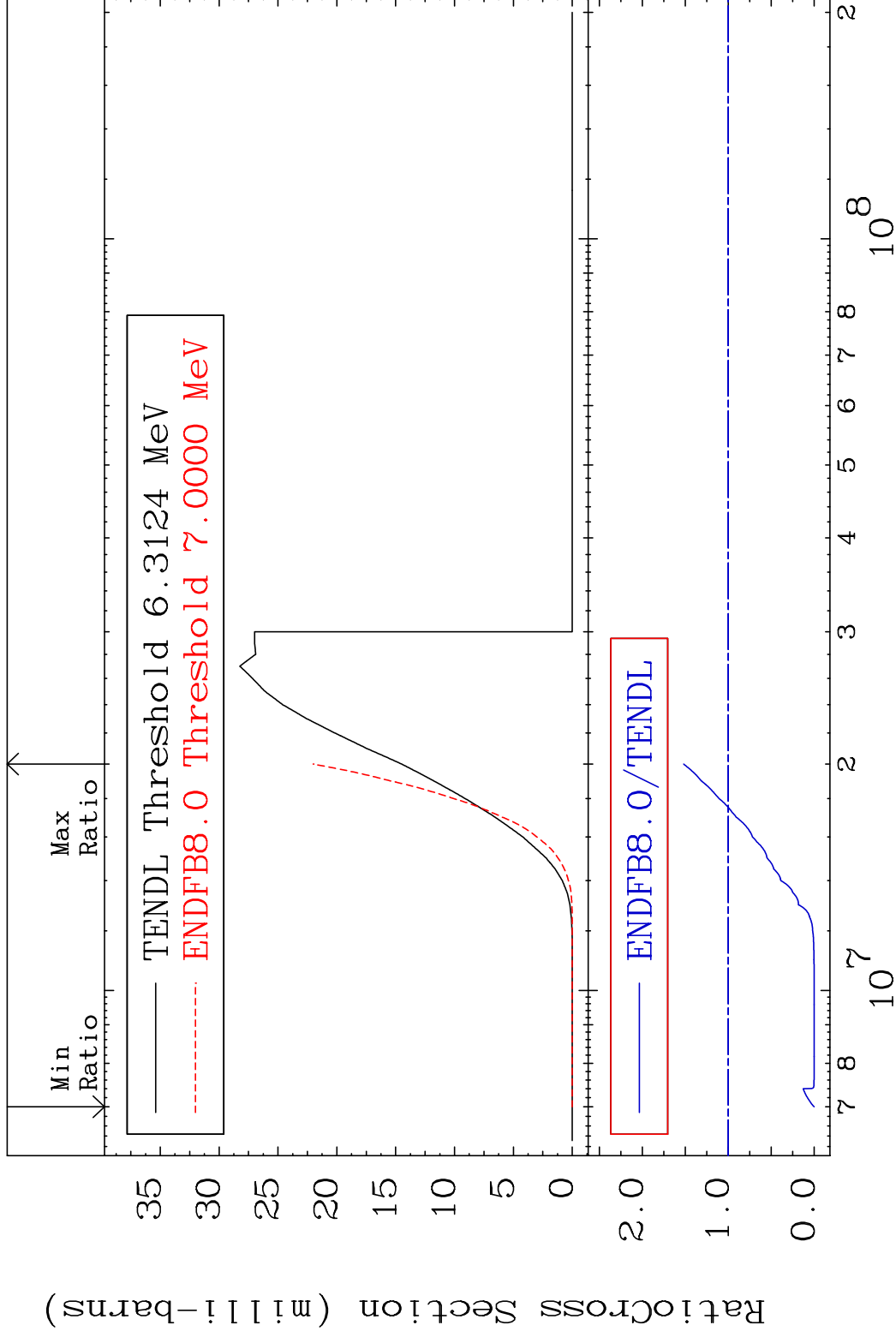


MAT 5031

(n,d)

50-Sn-114

Cross Section -100.0 To 51.95 %

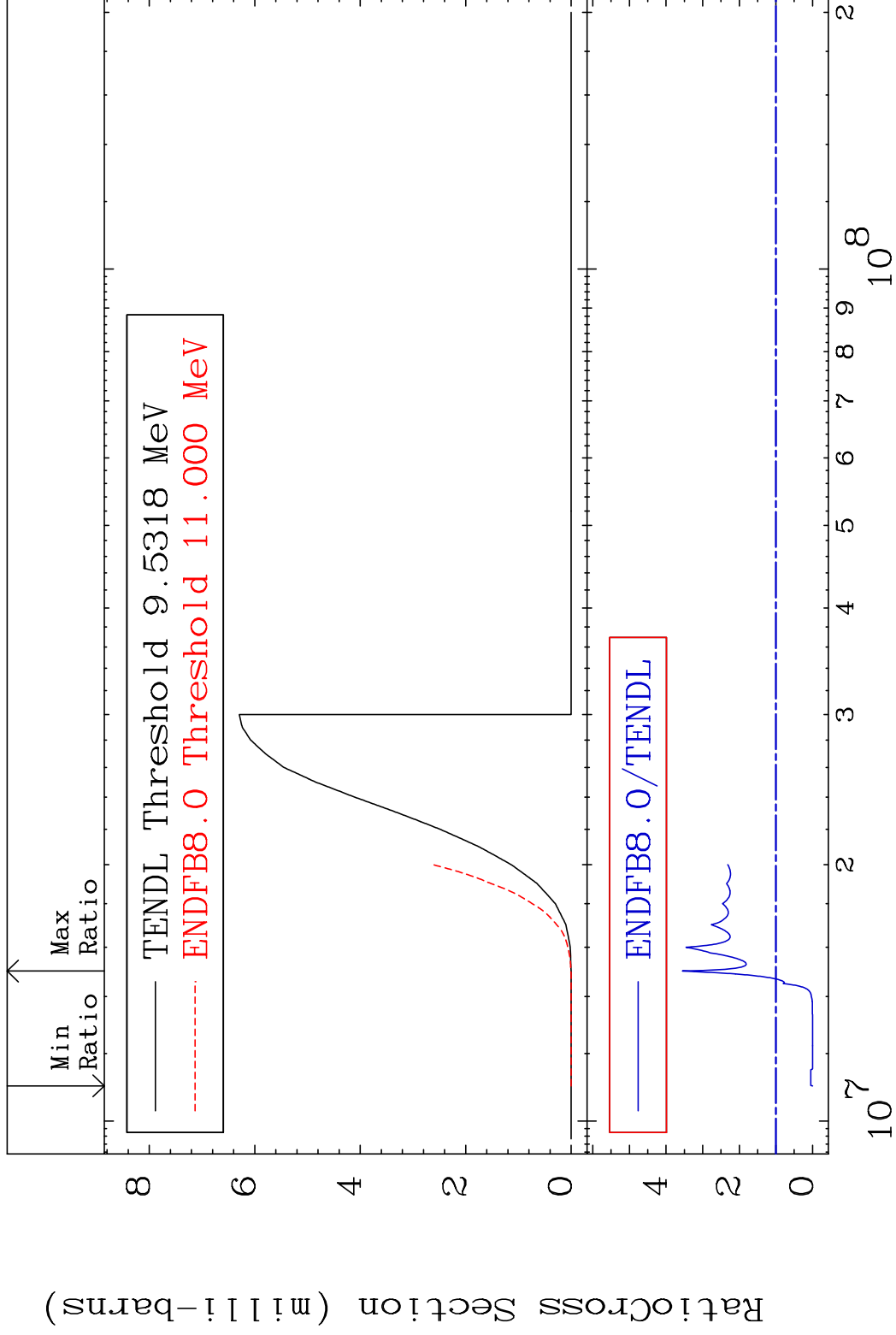


MAT 5031

(n, t)

50-Sn-114

Cross Section -100.0 To 255.5 %



38

Incident Energy (eV)

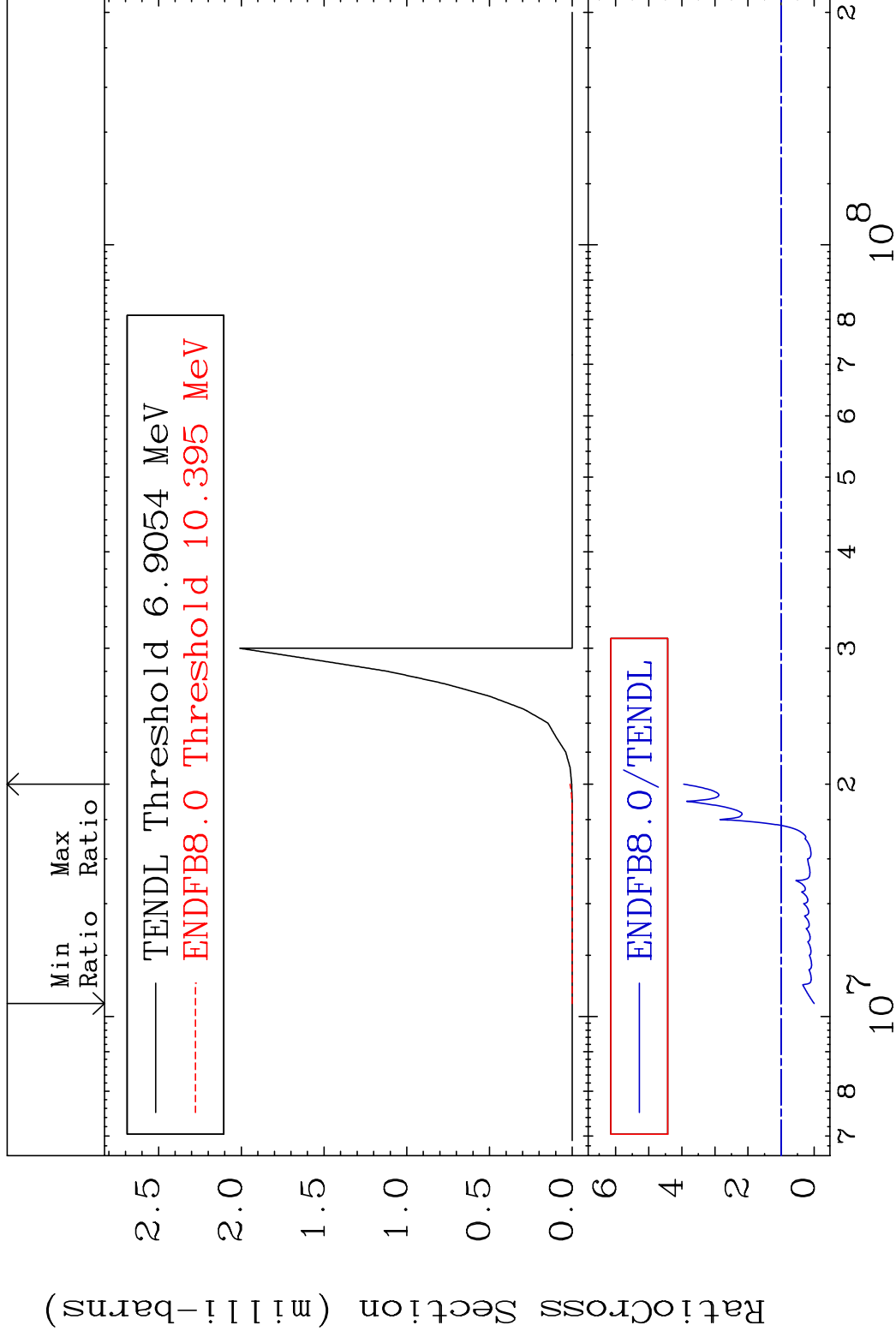
50-Sn-114

MAT 5031

(n, He-3)

50-Sn-114

Cross Section -100.0 To 294.5 %



39

Incident Energy (eV)

50-Sn-114

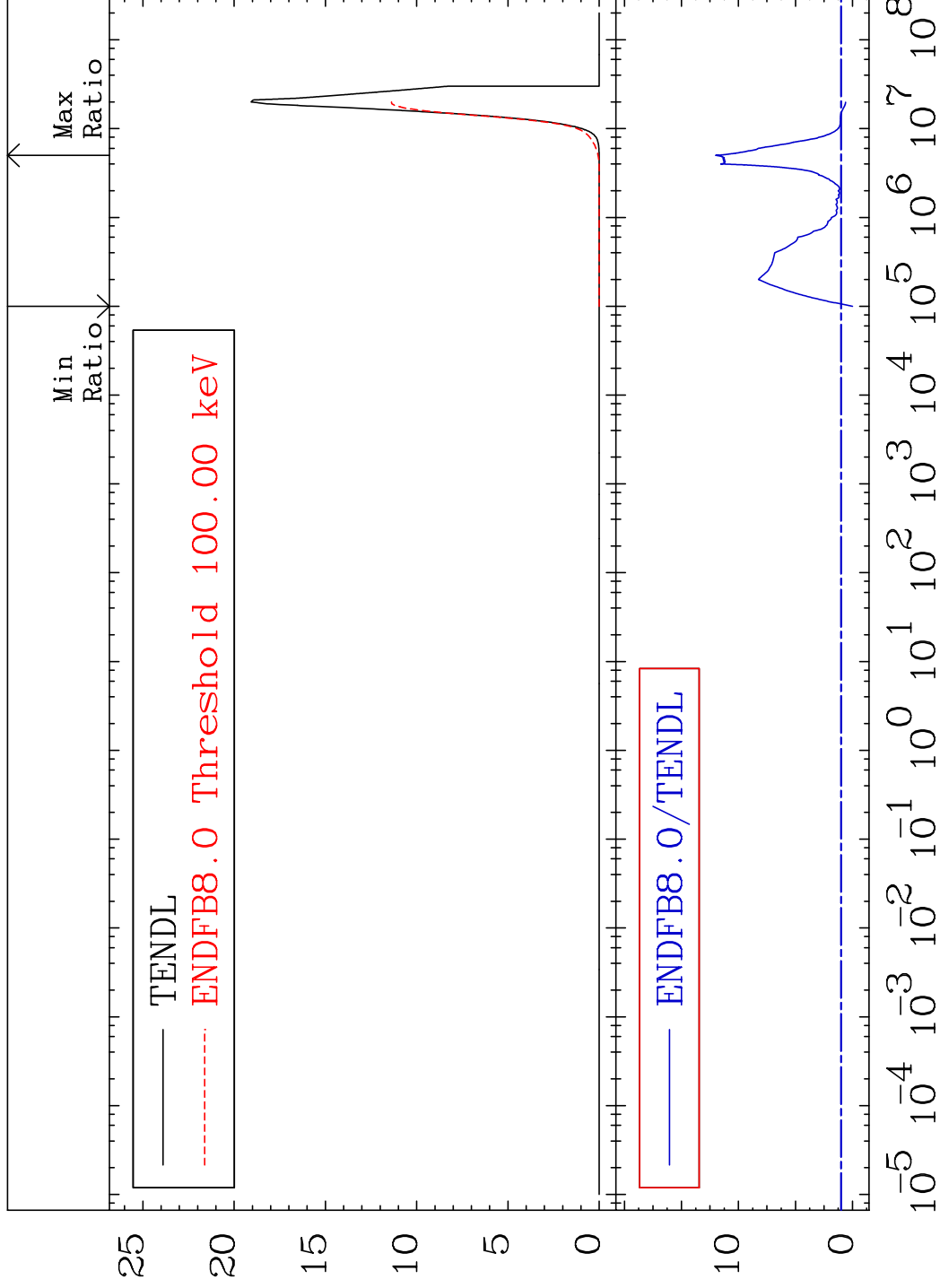
MAT 5031

(n, α)

50-Sn-114

Cross Section -100.0 To 1098. %

RatioCross Section (milli-barns)

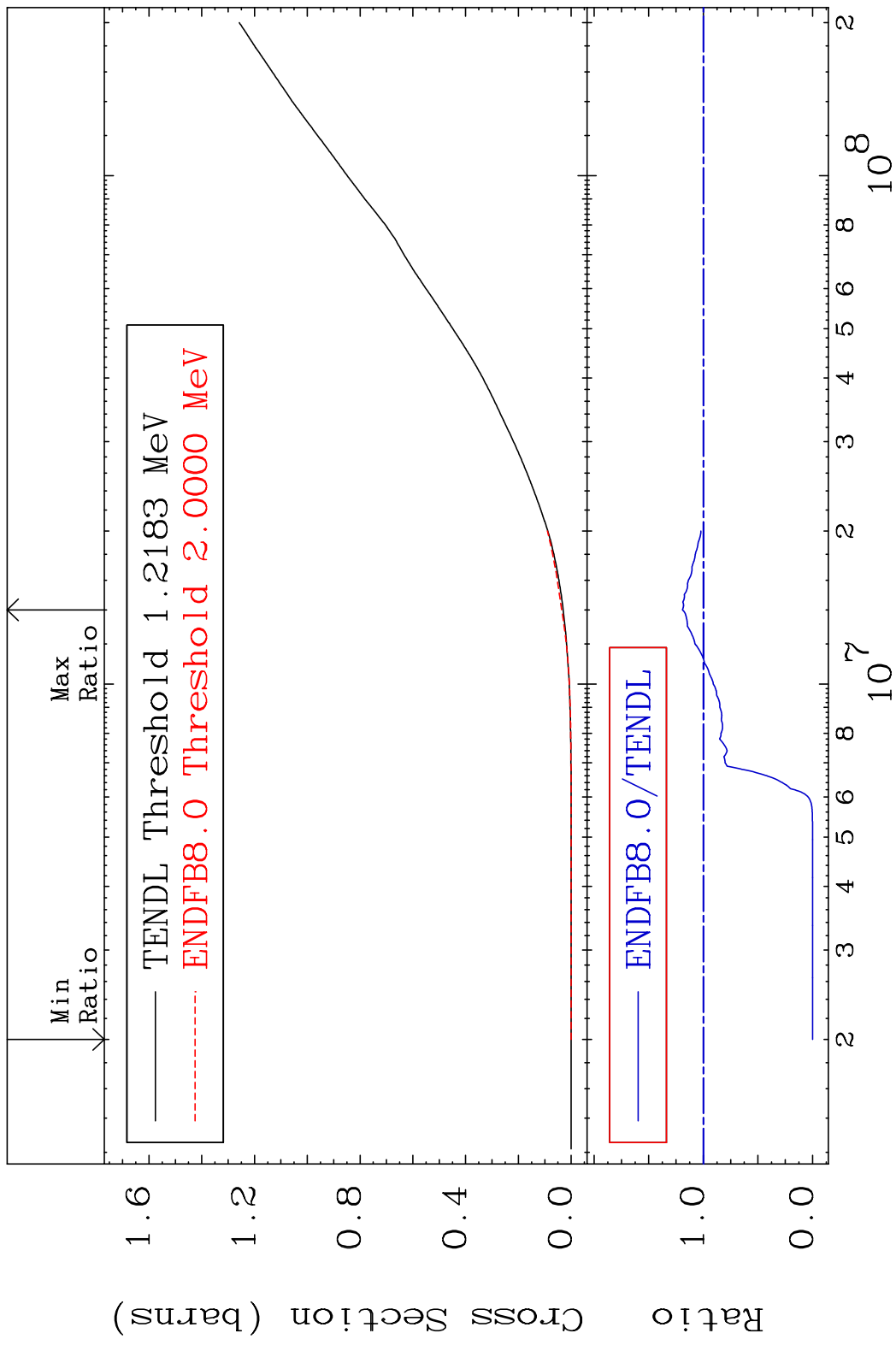


40

Incident Energy (eV)

50-Sn-114

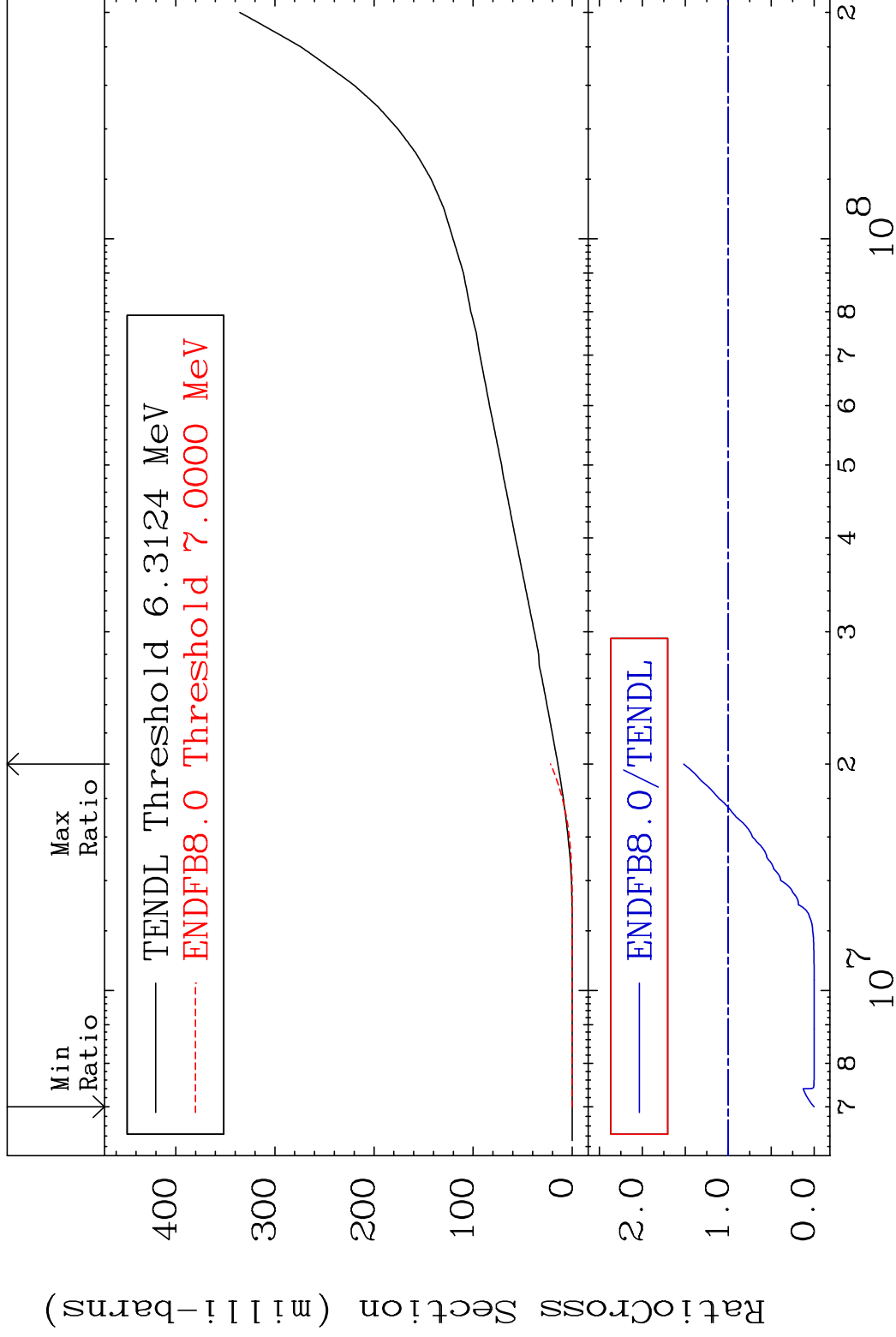
MAT 5031 Hydrogen Production 50-Sn-114
 Cross Section -100.0 To 19.21 %



MAT 5031

Deuterium Production 50-Sn-114

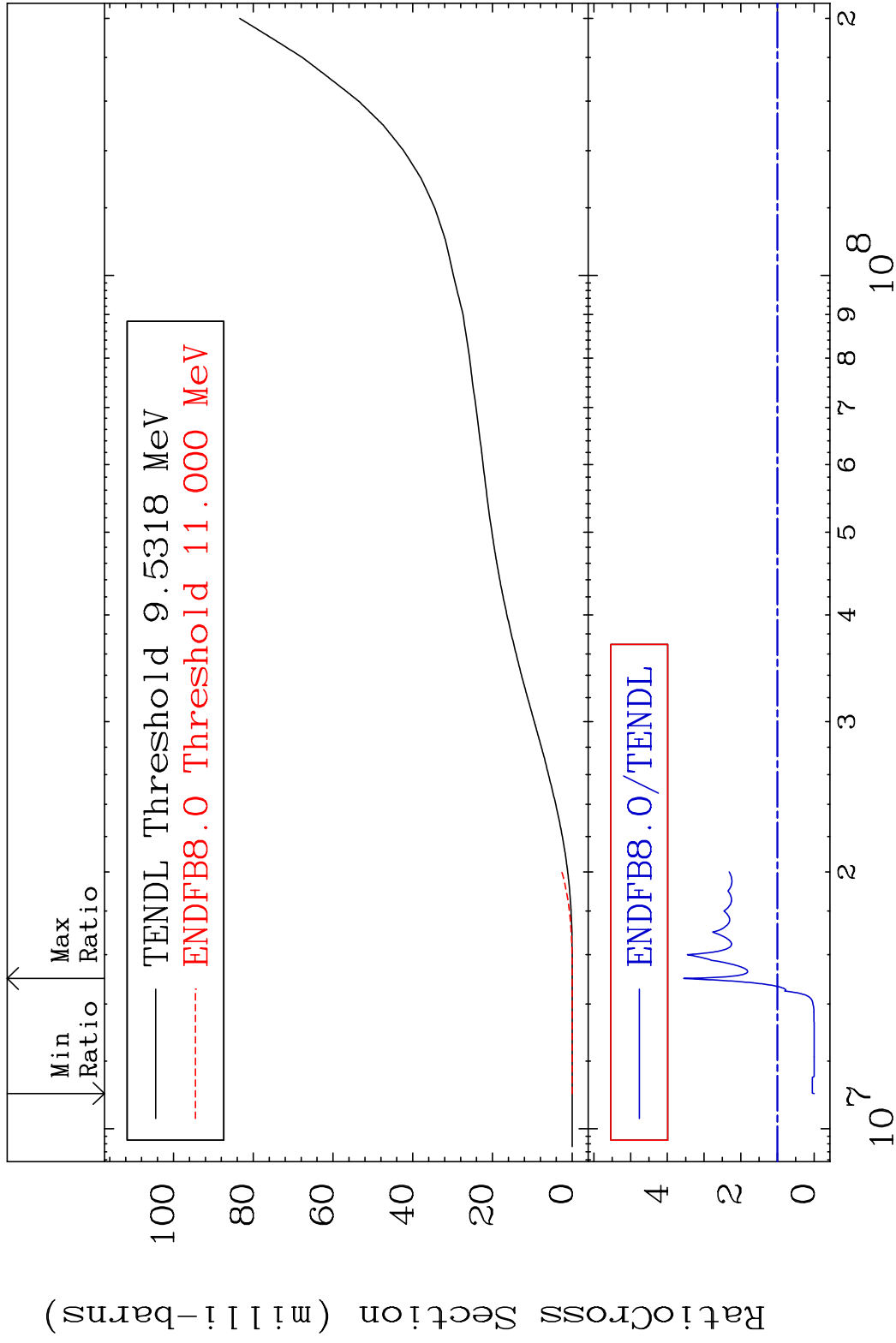
Cross Section -100.0 To 51.95 %



MAT 5031

Tritium Production 50-Sn-114

Cross Section -100.0 To 255.5 %



43

Incident Energy (eV)

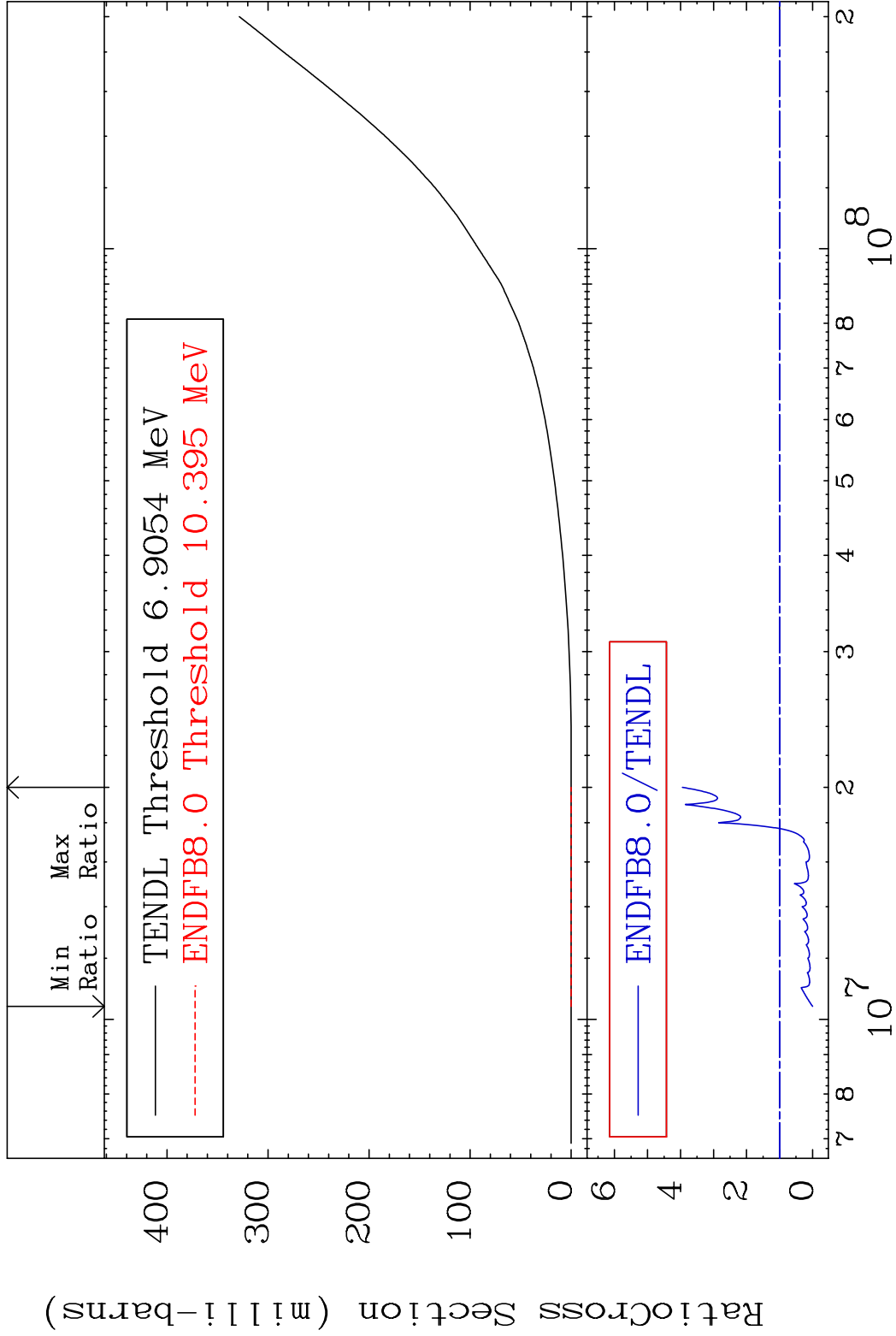
50-Sn-114

MAT 5031

He-3 Production

50-Sn-114

Cross Section -100.0 To 294.5 %



44

Incident Energy (eV)

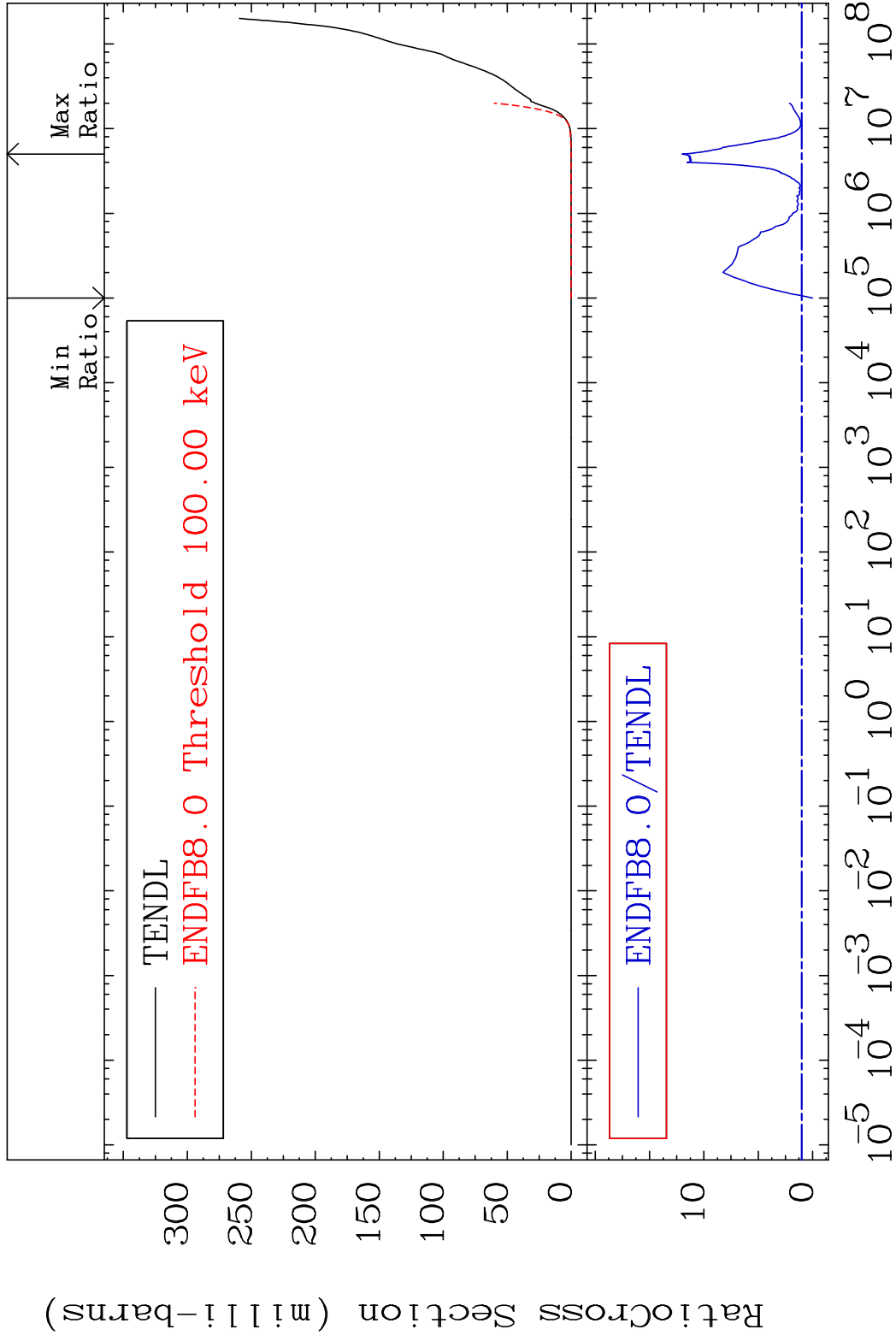
50-Sn-114

MAT 5031

He-4 Production

50-Sn-114

Cross Section -100.0 To 1098. %

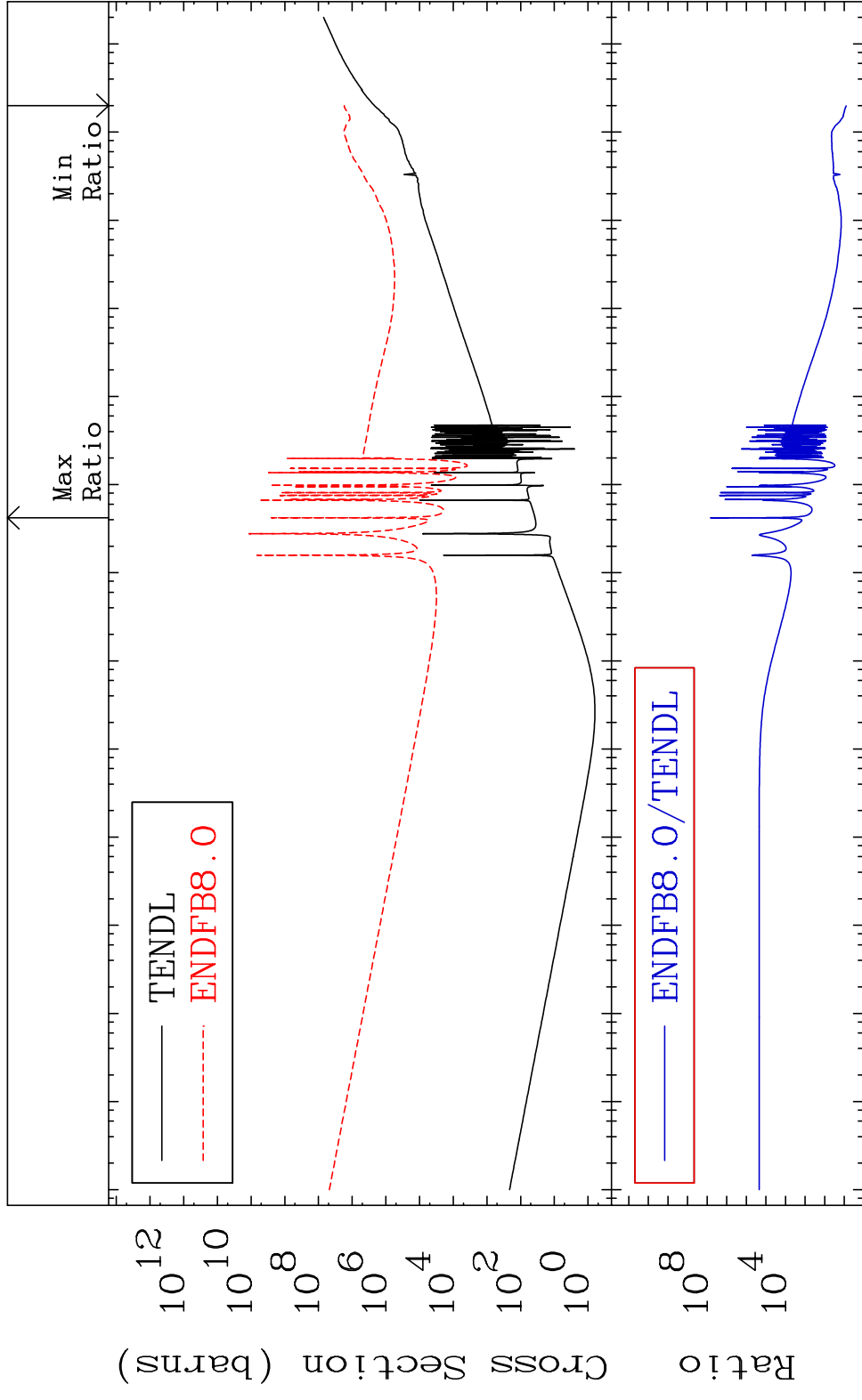


45

Incident Energy (eV)

50-Sn-114

MAT 5031 Kerma total (eV-barns) 50-Sn-114
 Cross Section 692.3 To 9999. %

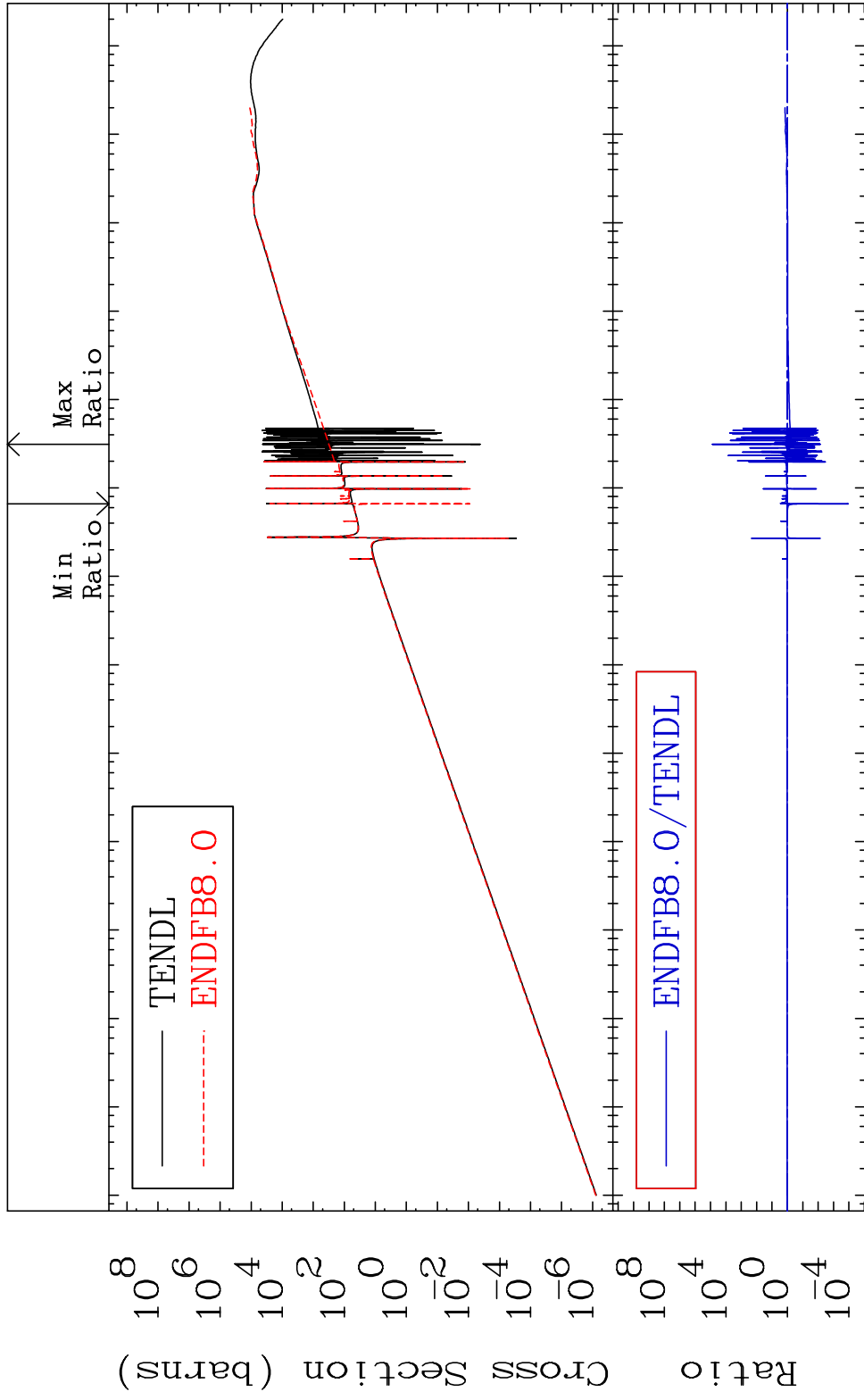


MAT 5031

Kerma elastic
Cross Section

50-Sn-114

-99.99 To 9999. %

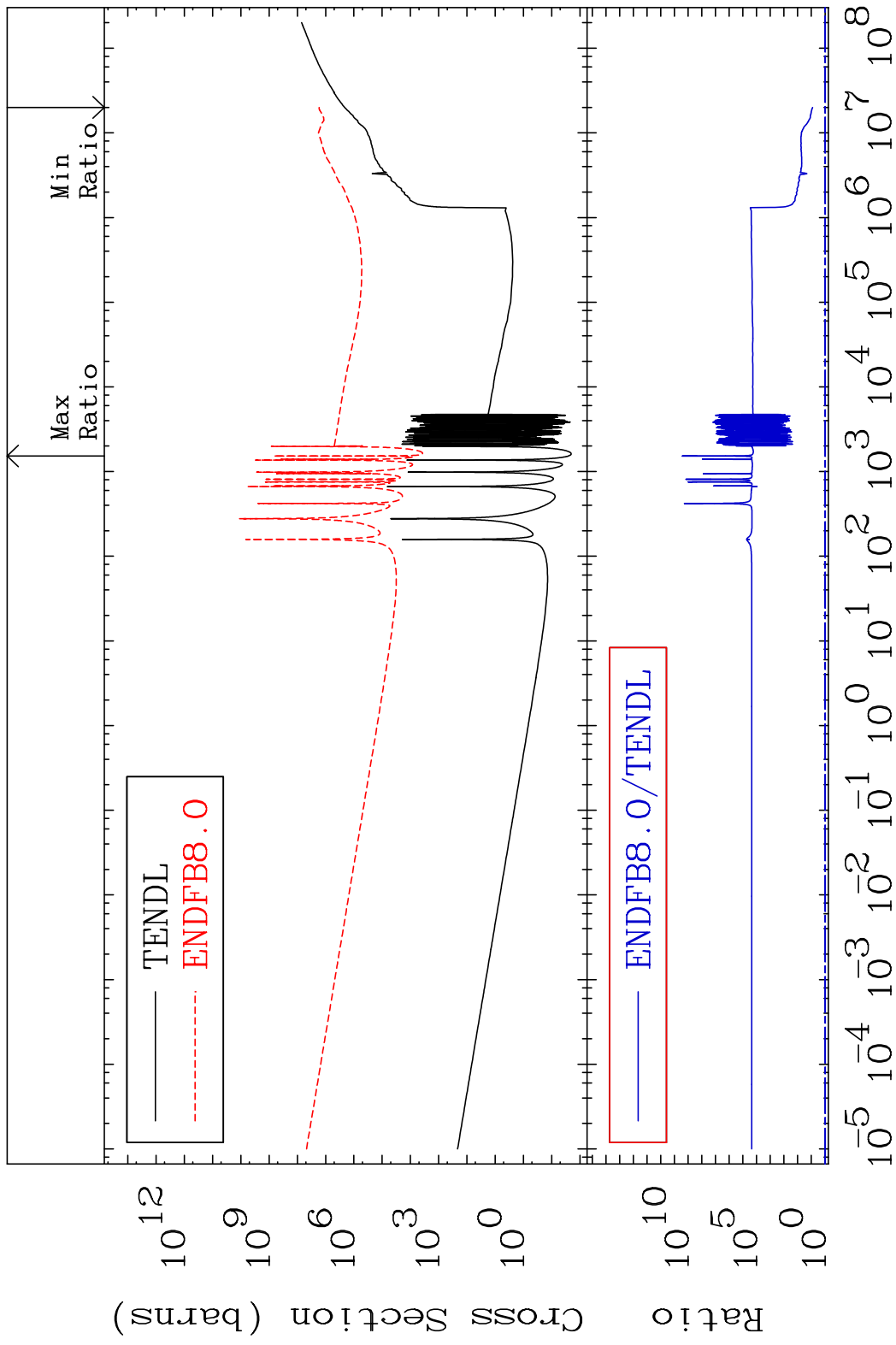


47

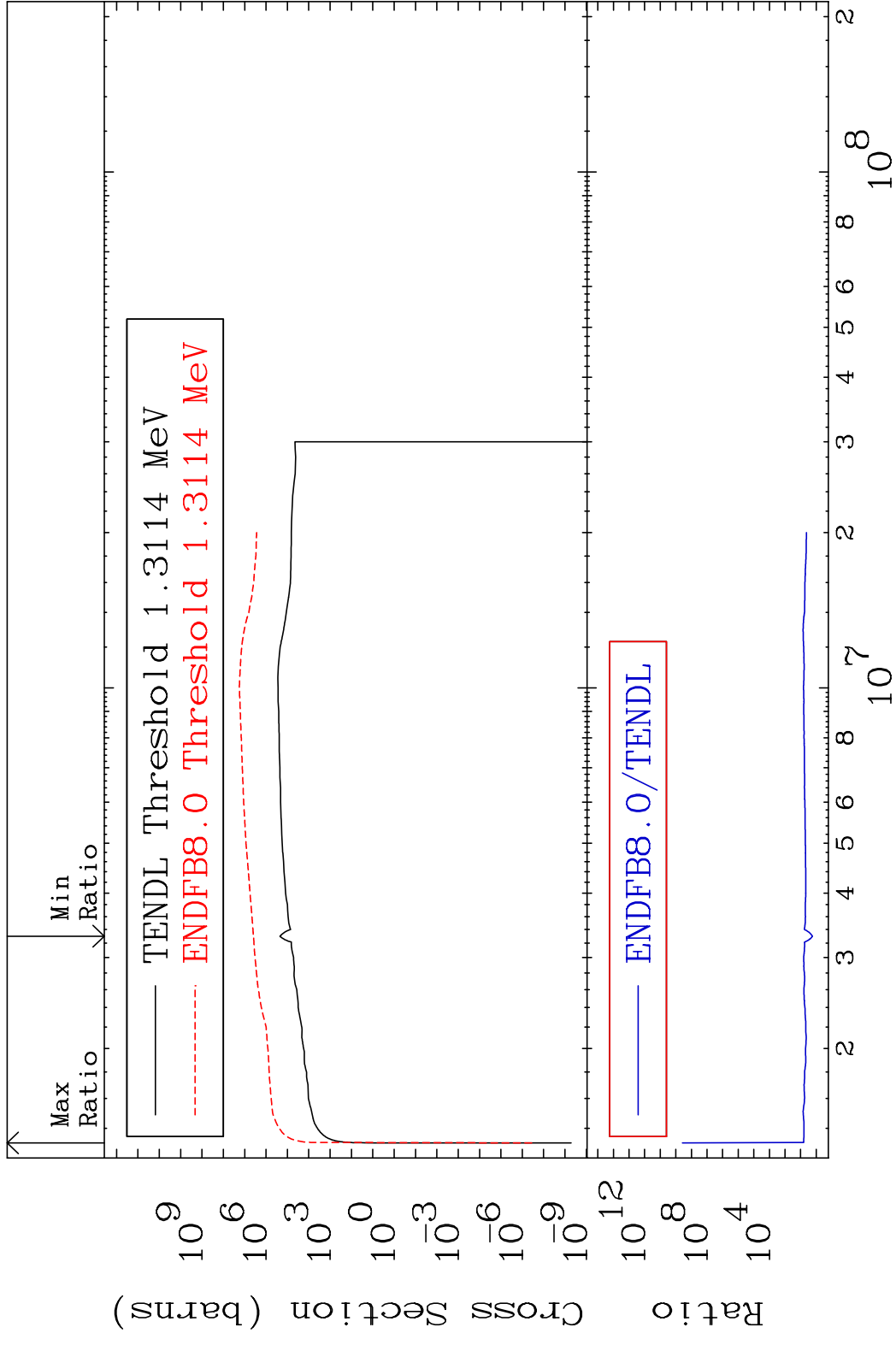
Incident Energy (eV)

50-Sn-114

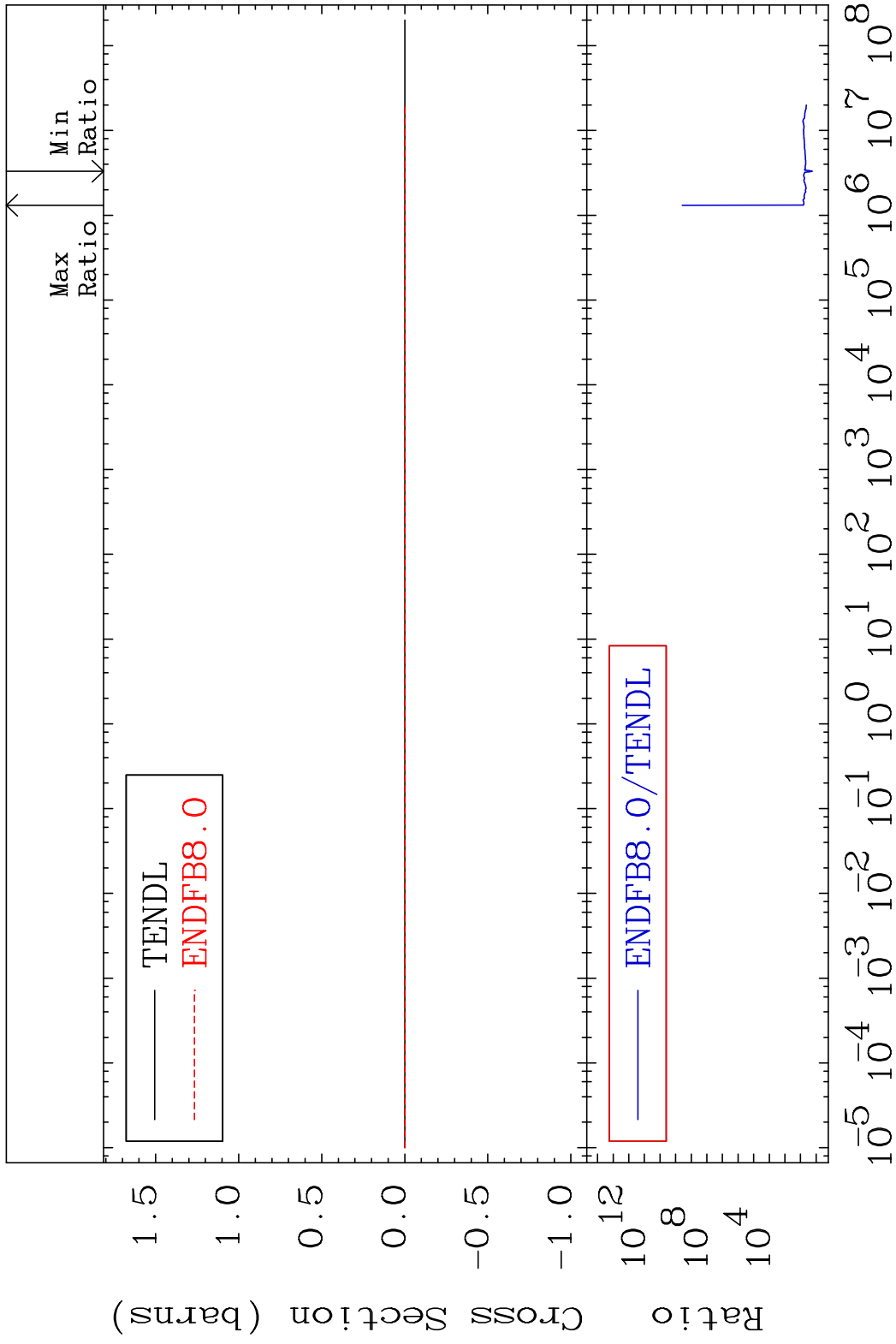
MAT 5031 Kerma non-elastic (all but mt2) 50-Sn-114
 Cross Section 716.1 To 9999. %



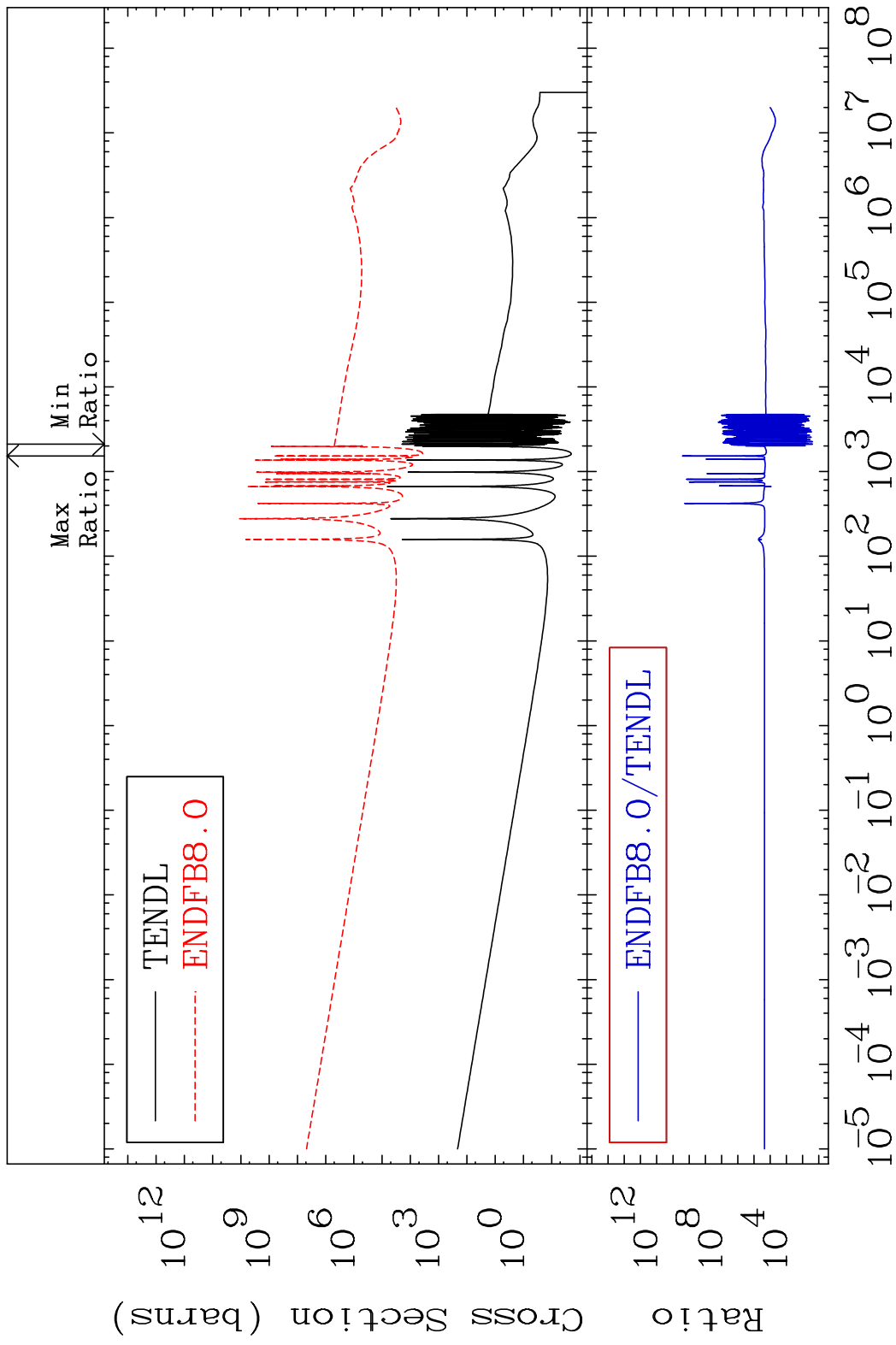
MAT 5031 Kerma inelastic (mt51-91) 50-Sn-114
 Cross Section 1619. To 9999. %



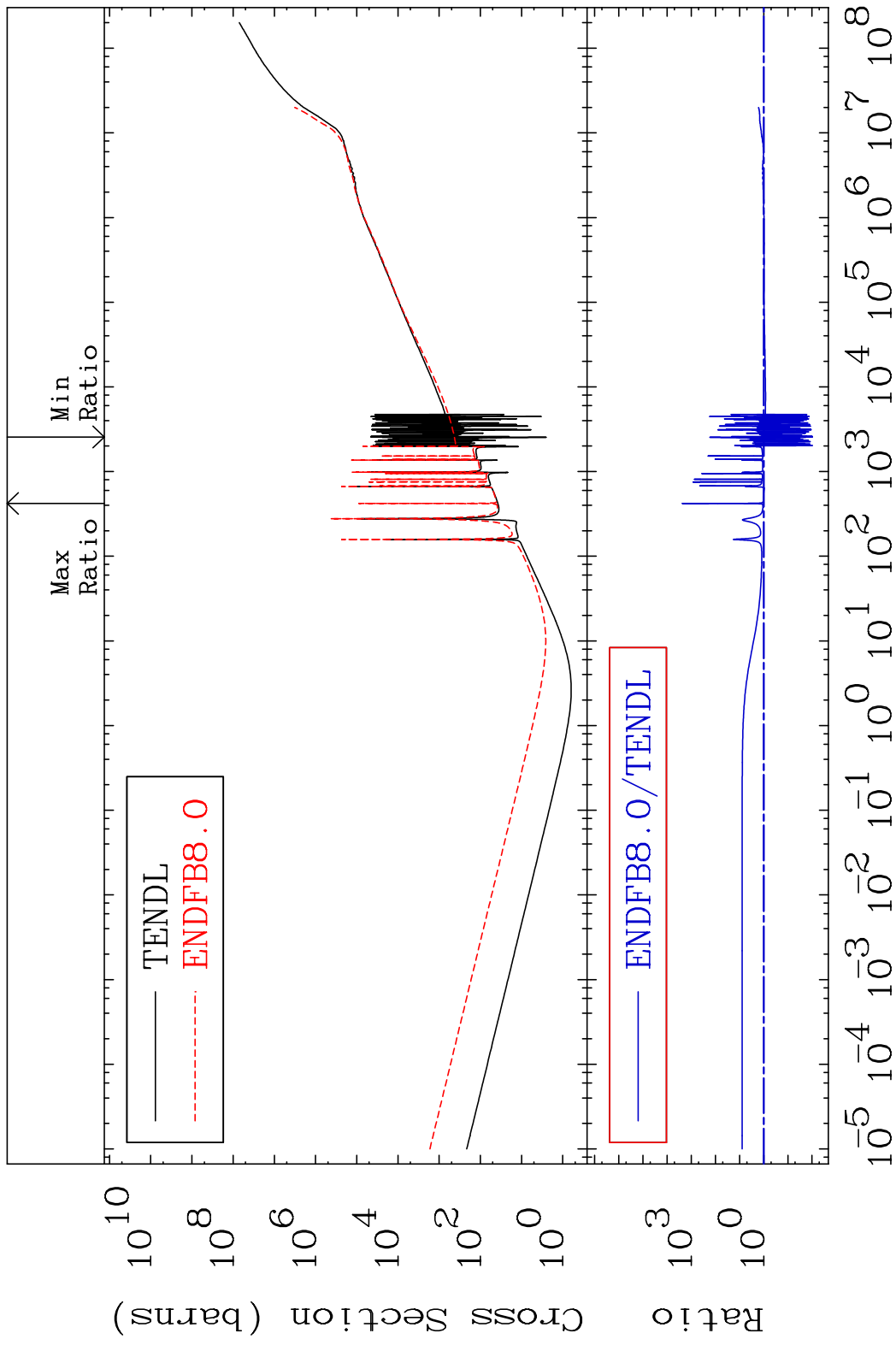
MAT 5031 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-114
 Cross Section 1619. To 9999. %



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



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

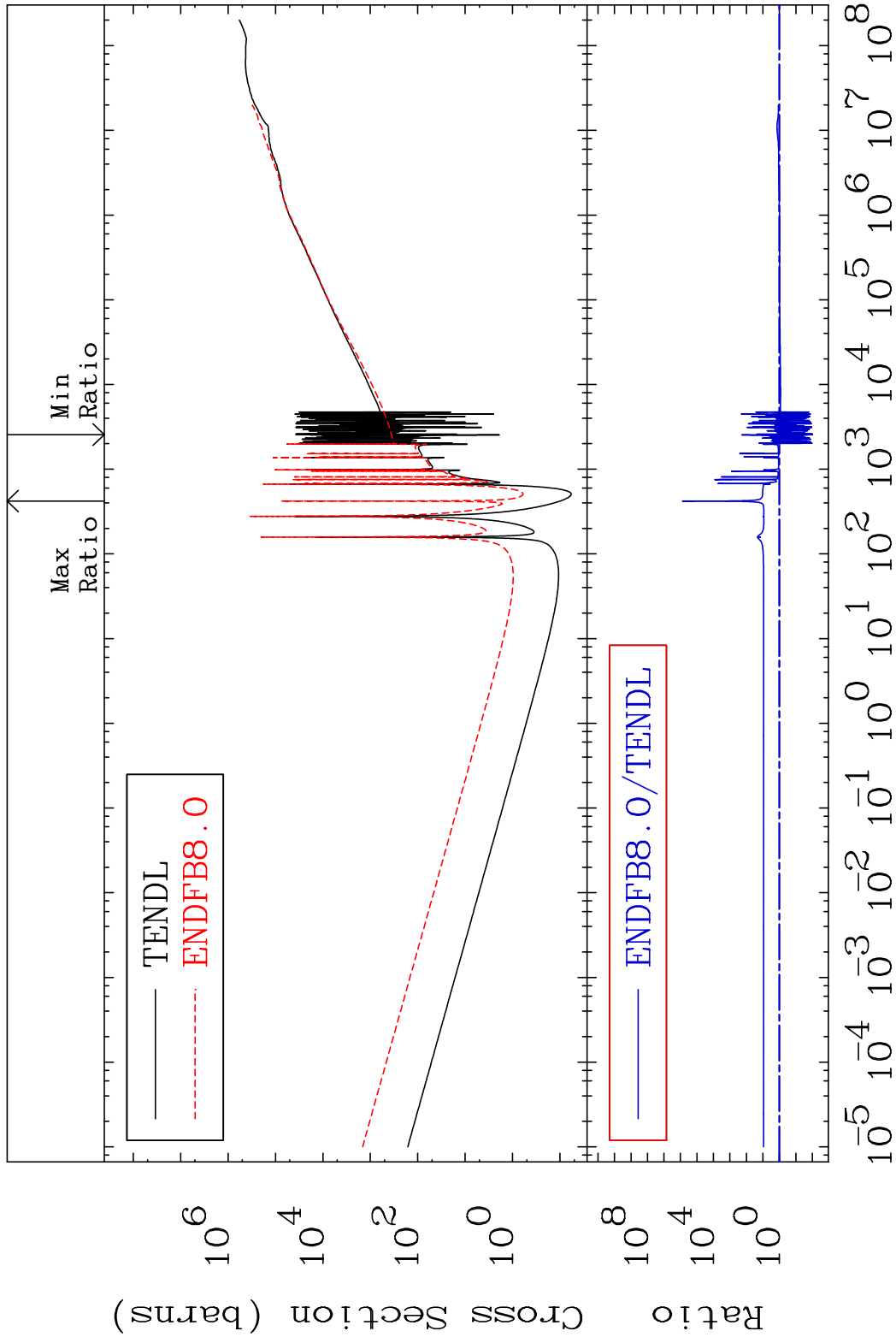


MAT 5031

Dpa total (eV-barns)

50-Sn-114

Cross Section -99.03 To 9999. %



54

Incident Energy (eV)

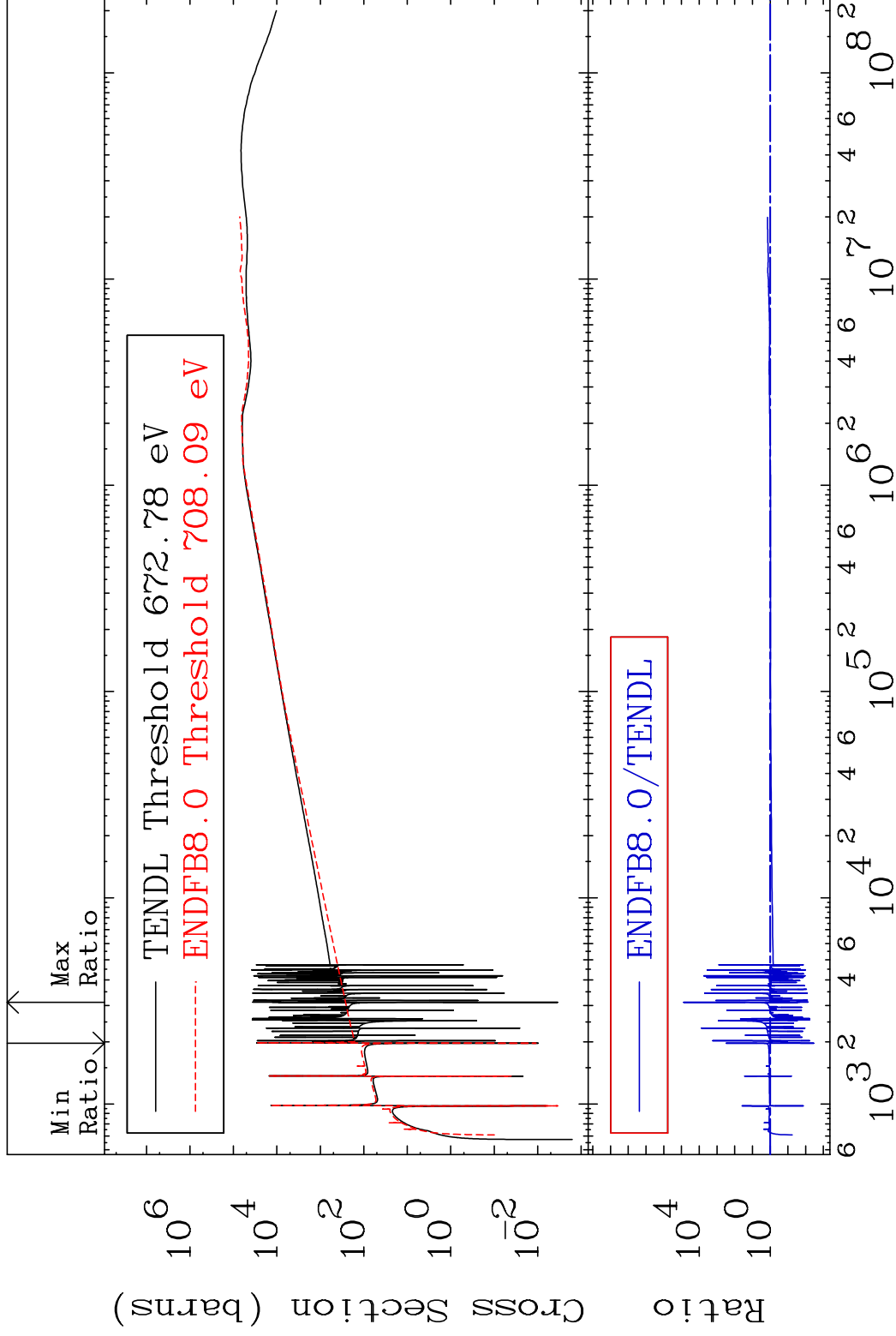
50-Sn-114

MAT 5031

Dpa elastic (mt2)

50-Sn-114

Cross Section -99.67 To 9999. %

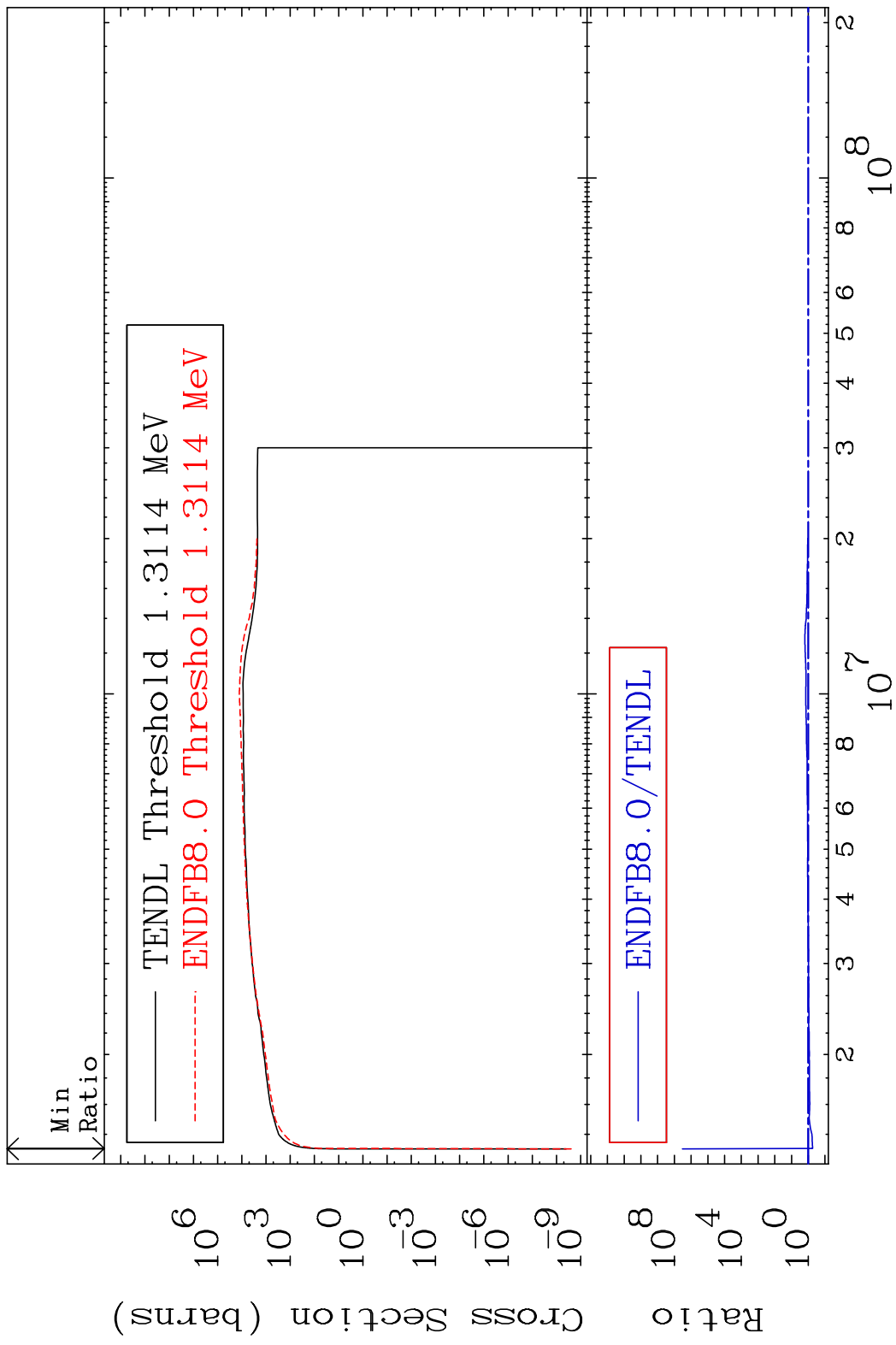


55

Incident Energy (eV)

50-Sn-114

MAT 5031 Dpa inelastic (mt51-91) 50-Sn-114
 Cross Section -44.45 To 9999. %



MAT 5031 Dpa disappearance (mt102 -120) 50-Sn-114
 Cross Section -98.95 To 9999. %

