

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

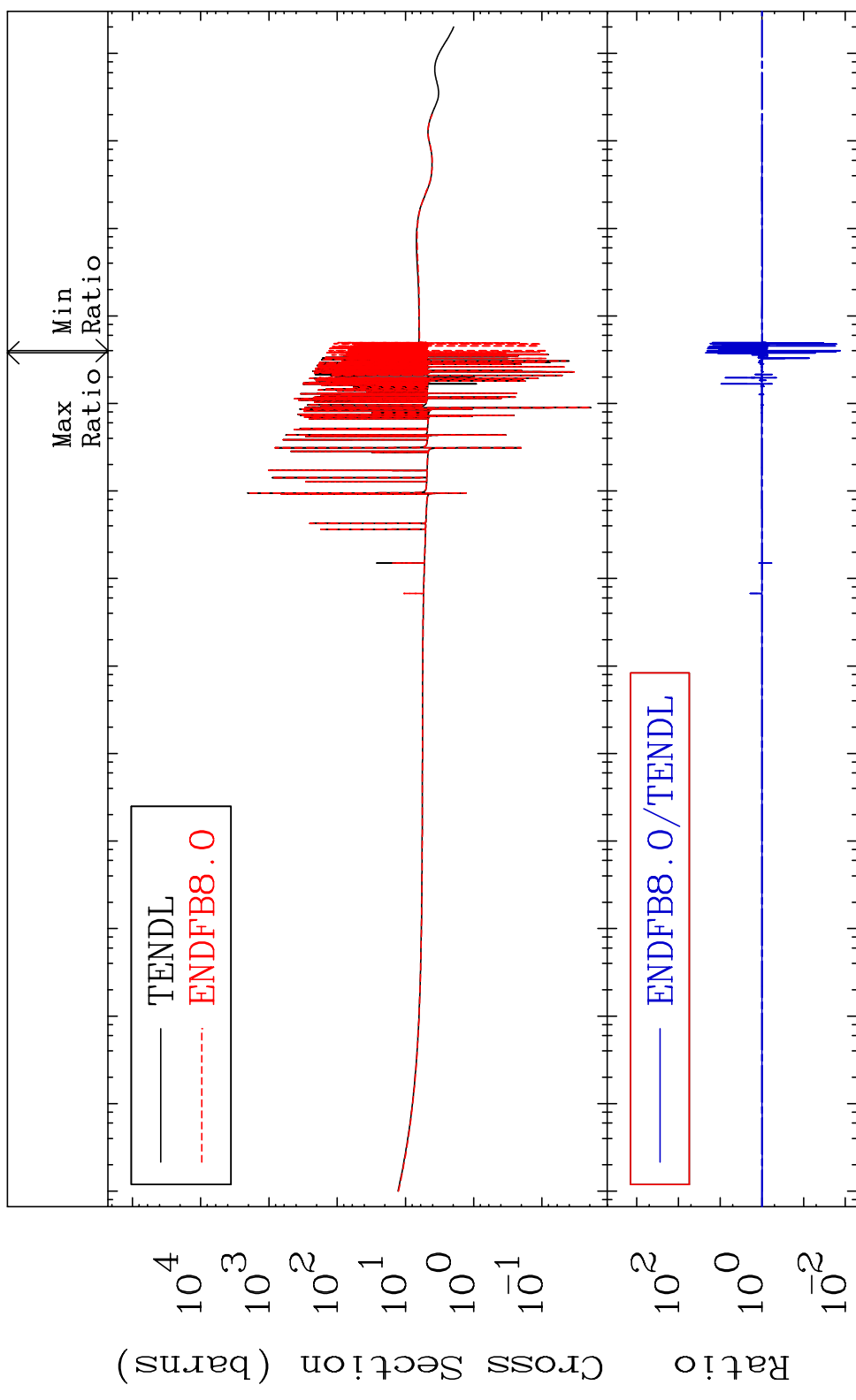
MAT 5049

Total

50-Sn-120

Cross Section

-98.69 To 2115. %



1

Incident Energy (eV)

50-Sn-120

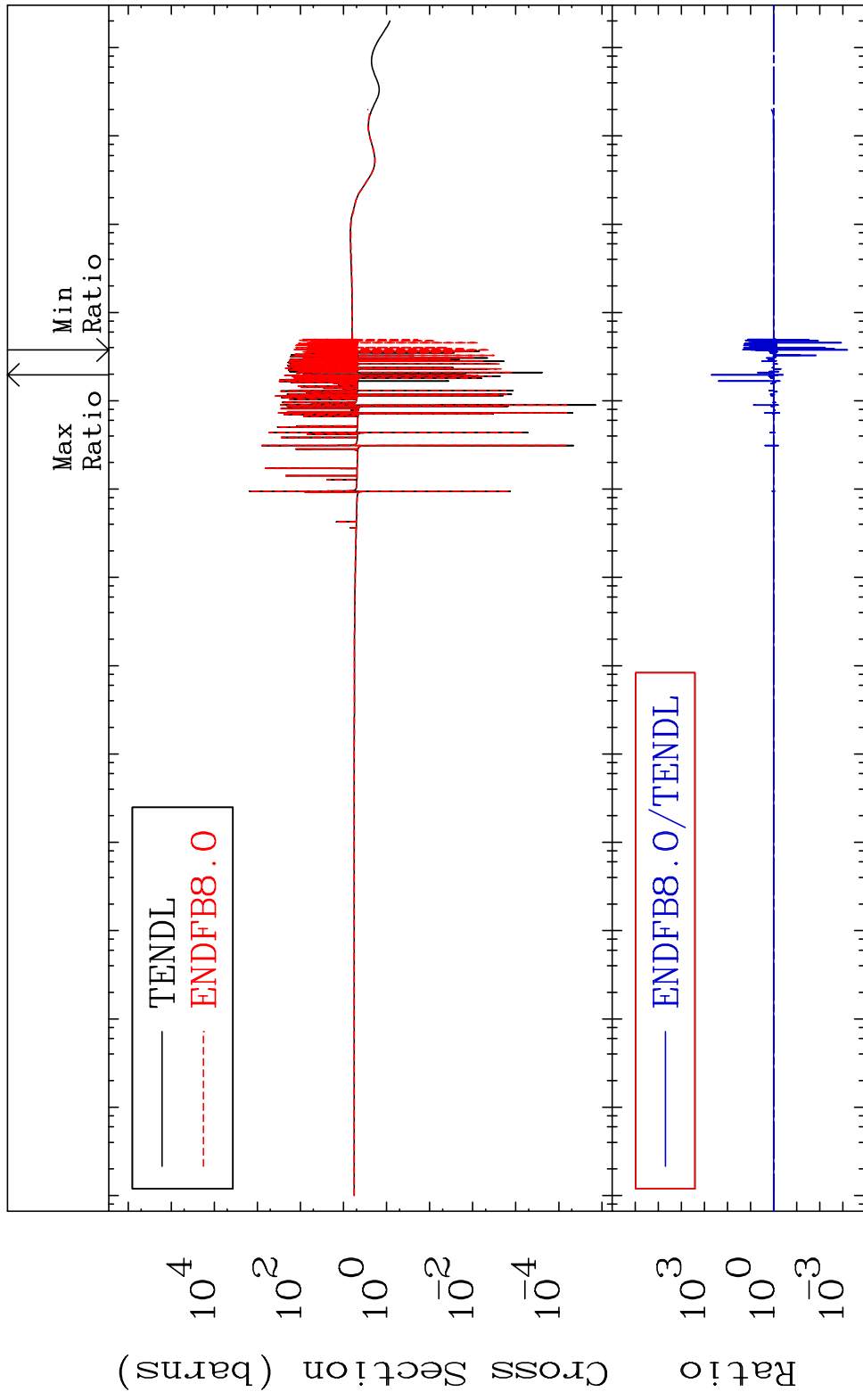
MAT 5049

Elastic

50-Sn-120

Cross Section

-99.94 To 9999. %

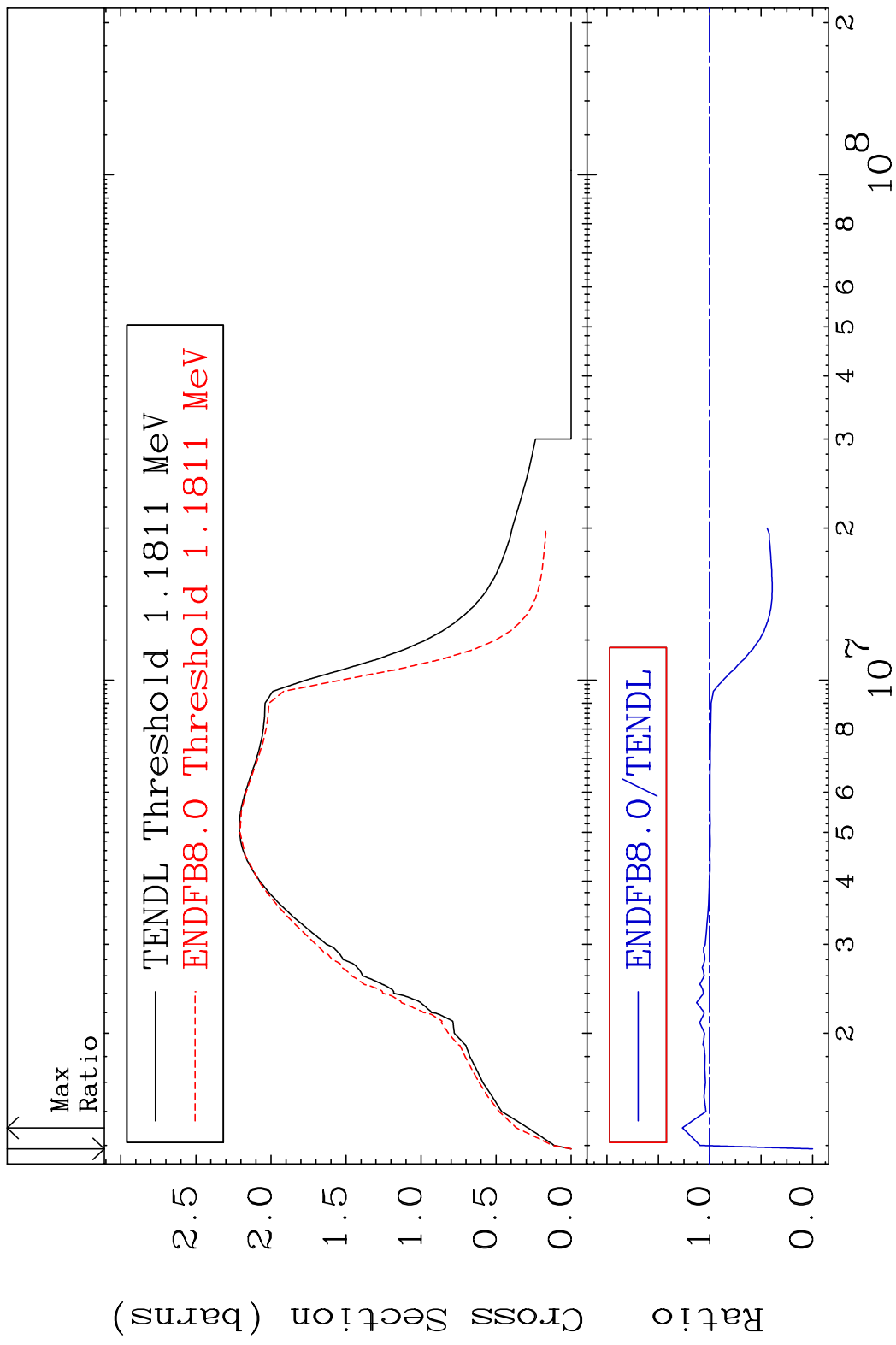


2

Incident Energy (eV)

50-Sn-120

MAT 5049 Inelastic 50-Sn-120
 Cross Section -100.0 To 26.66 %



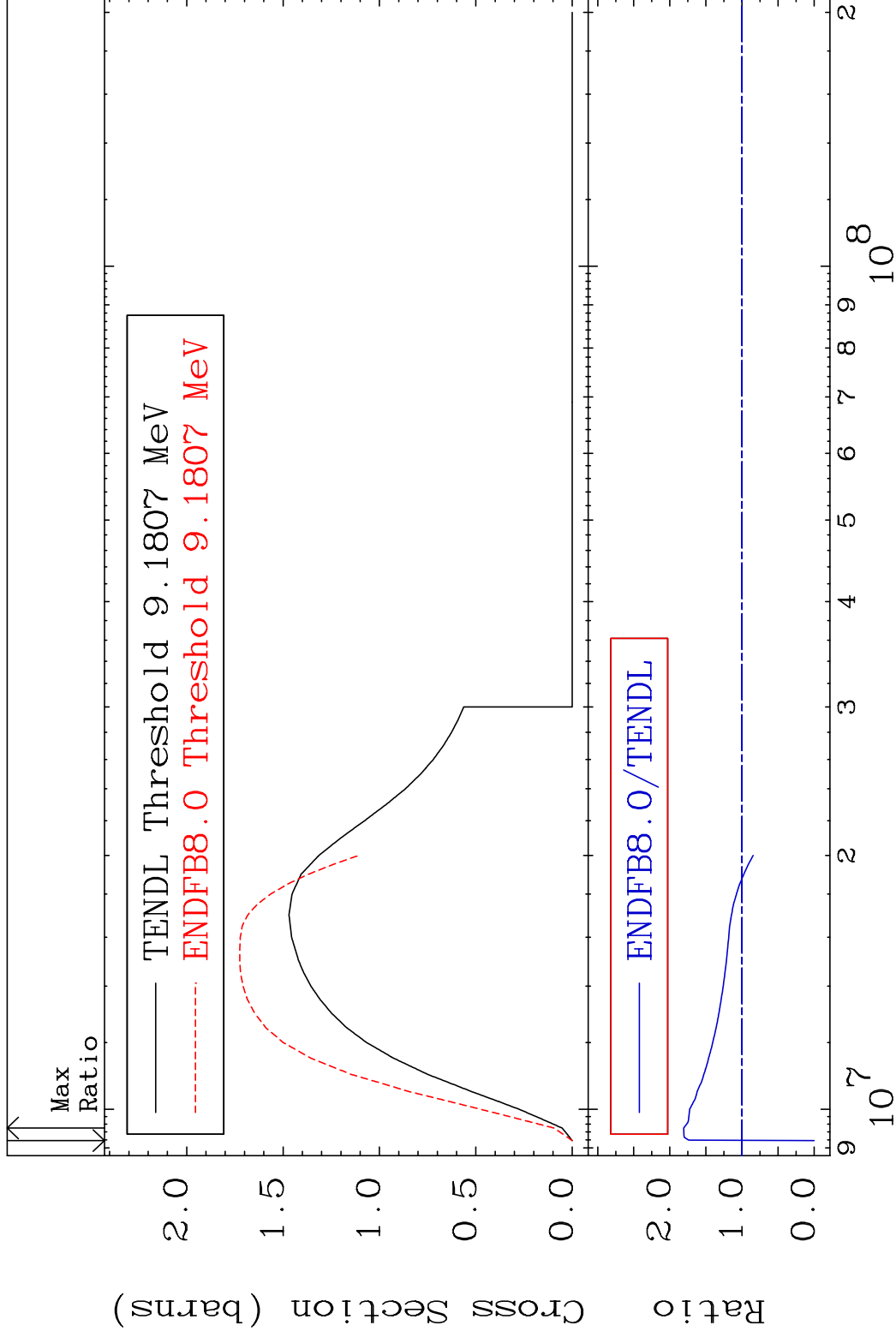
3 Incident Energy (eV) 50-Sn-120

MAT 5049

(n,2n)

50-Sn-120

Cross Section -100.0 To 80.83 %

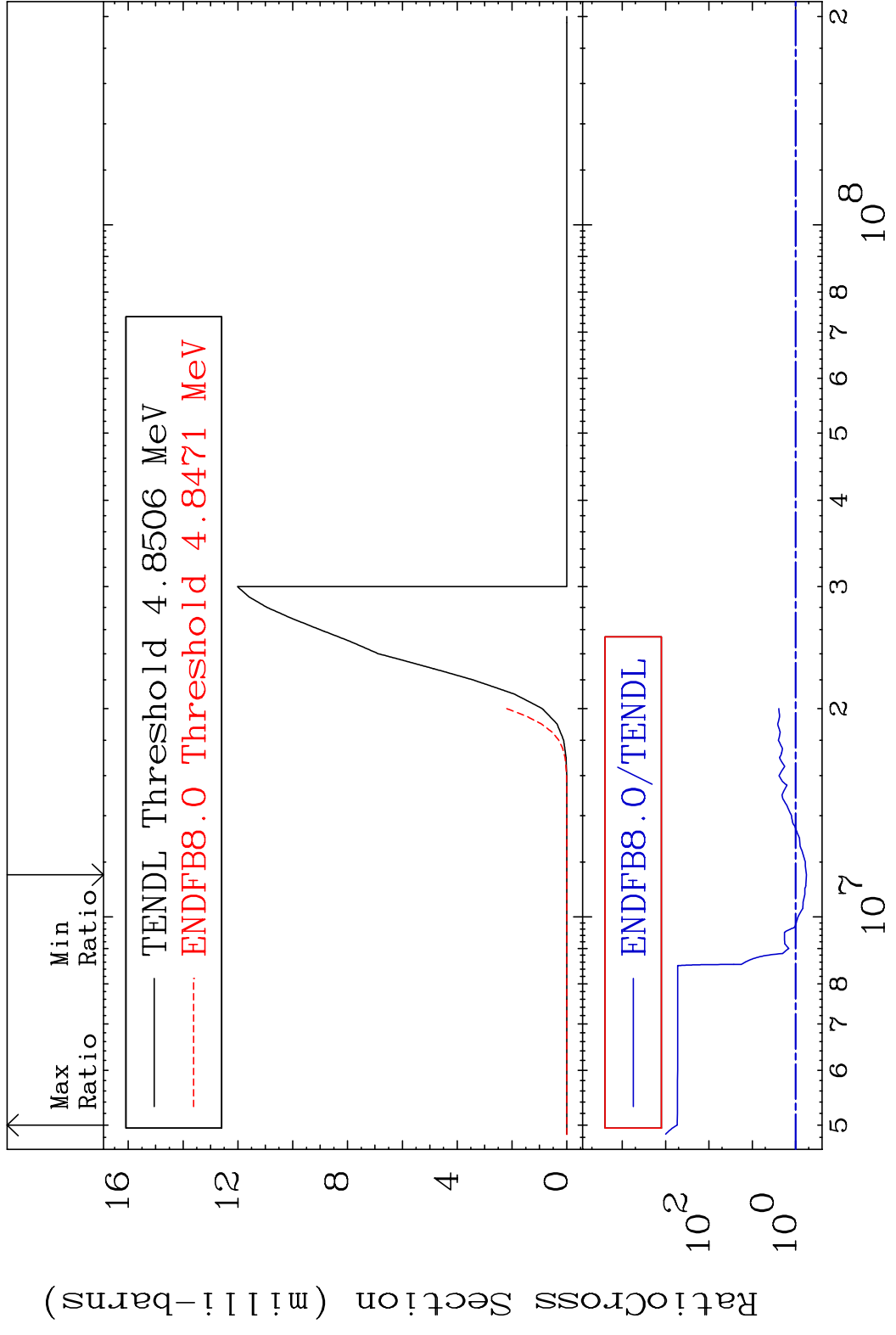


4

Incident Energy (eV)

50-Sn-120

MAT 5049 (n, n') α 50-Sn-120
 Cross Section -43.45 To 9999. %



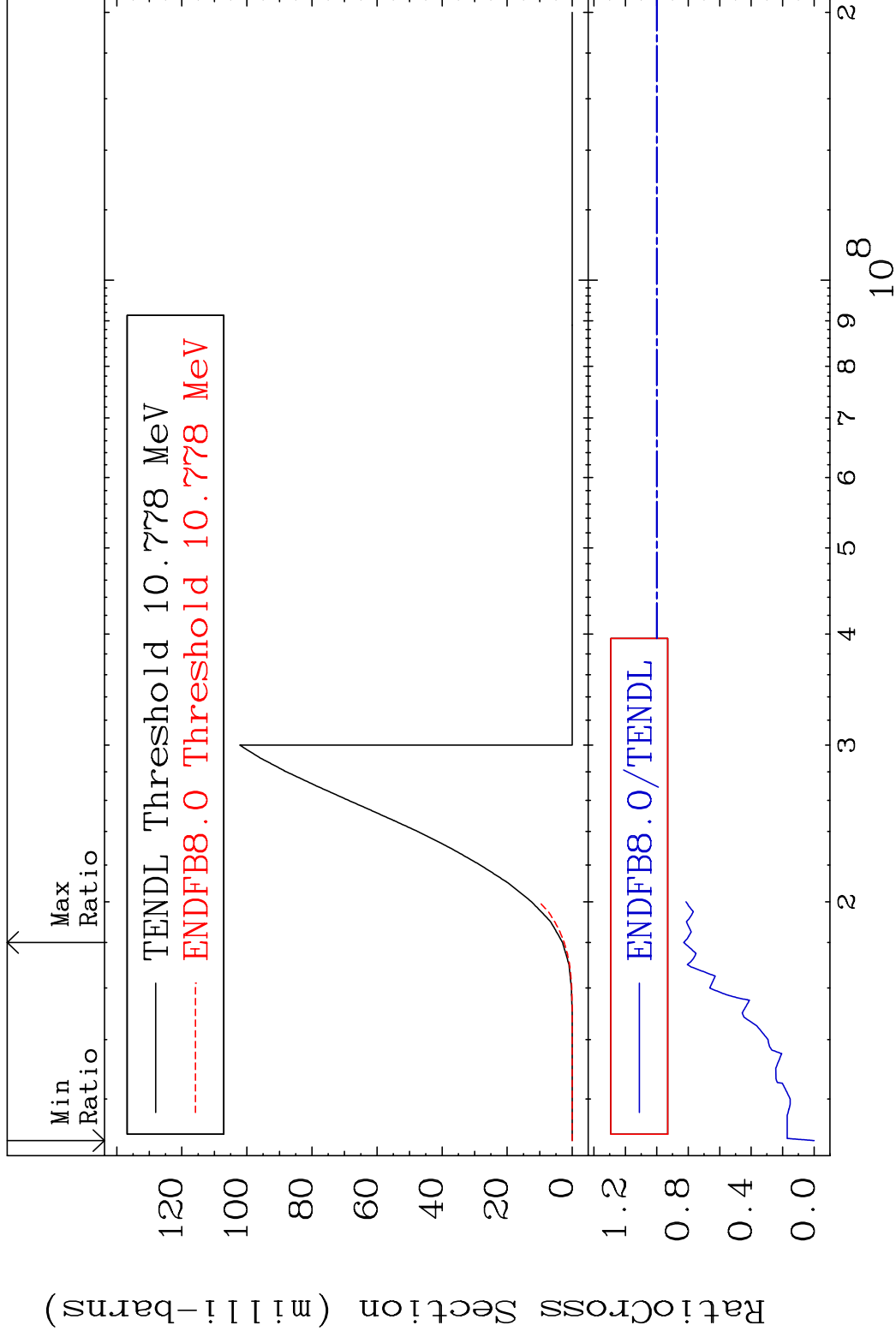
5 Incident Energy (eV) 50-Sn-120

MAT 5049

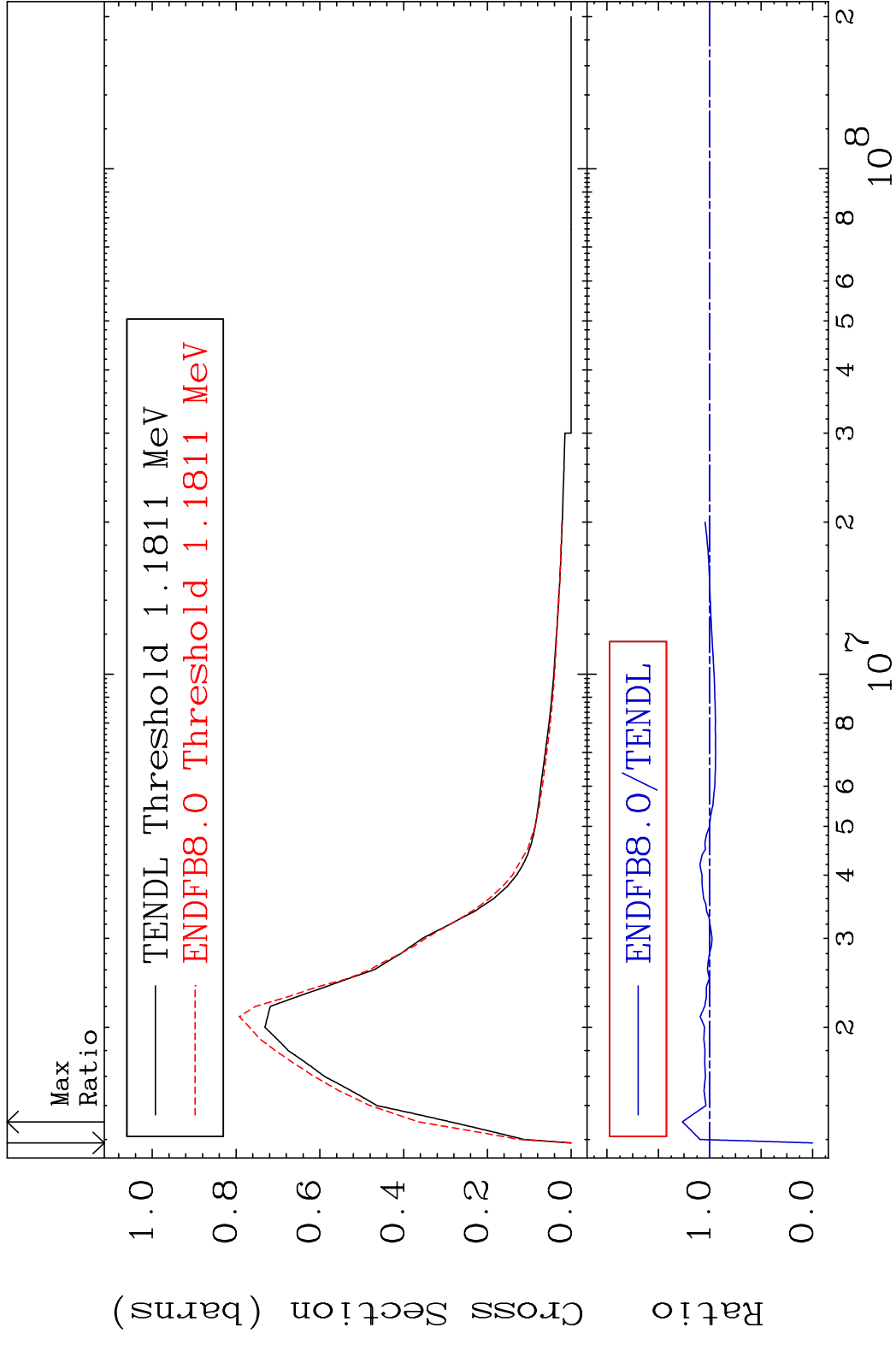
(n, n') p

50-Sn-120

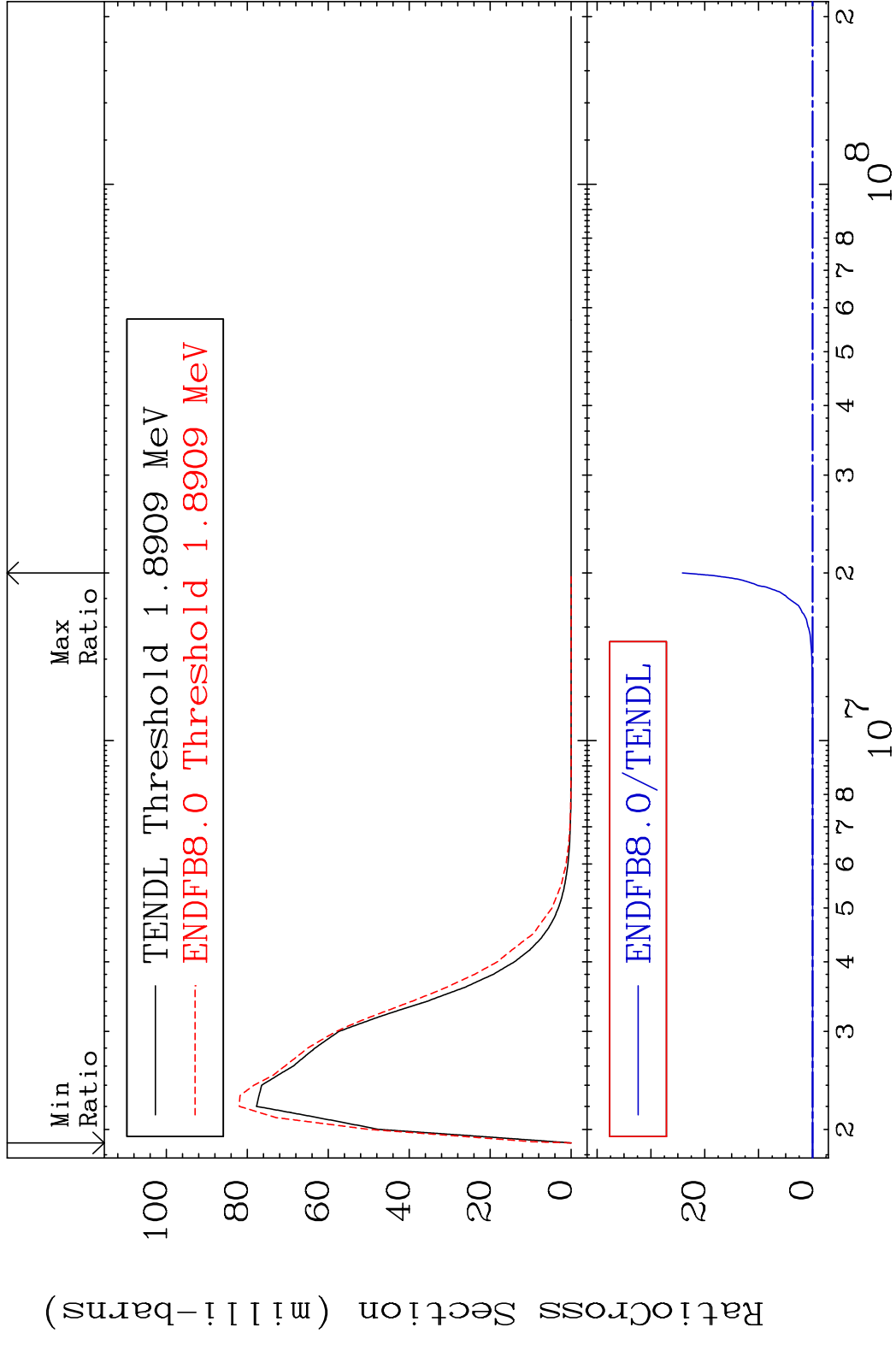
Cross Section -100.0 To -17.07%



MAT 5049 MT= 51 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 26.66 %

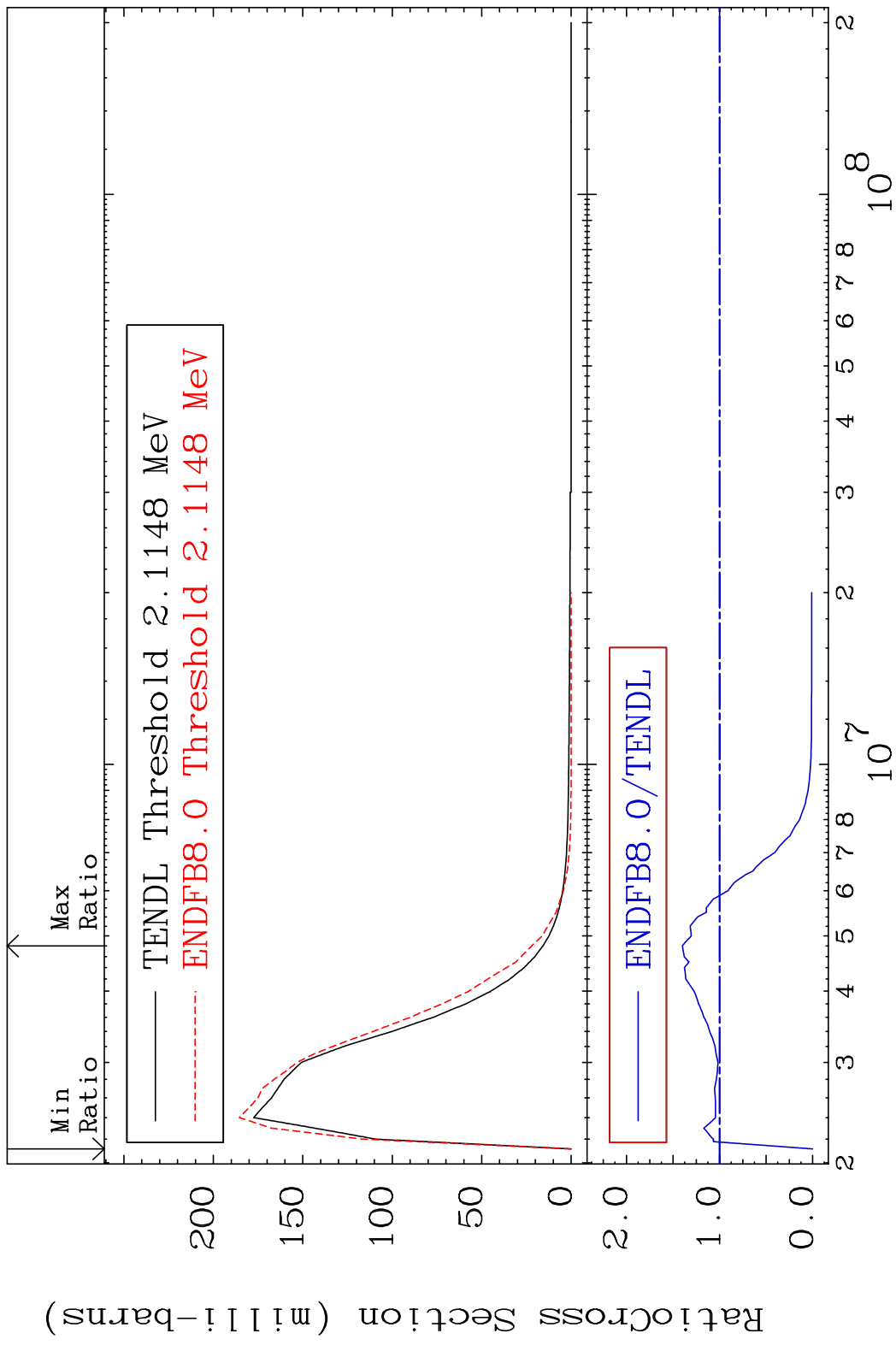


MAT 5049 MT= 52 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 9999. %



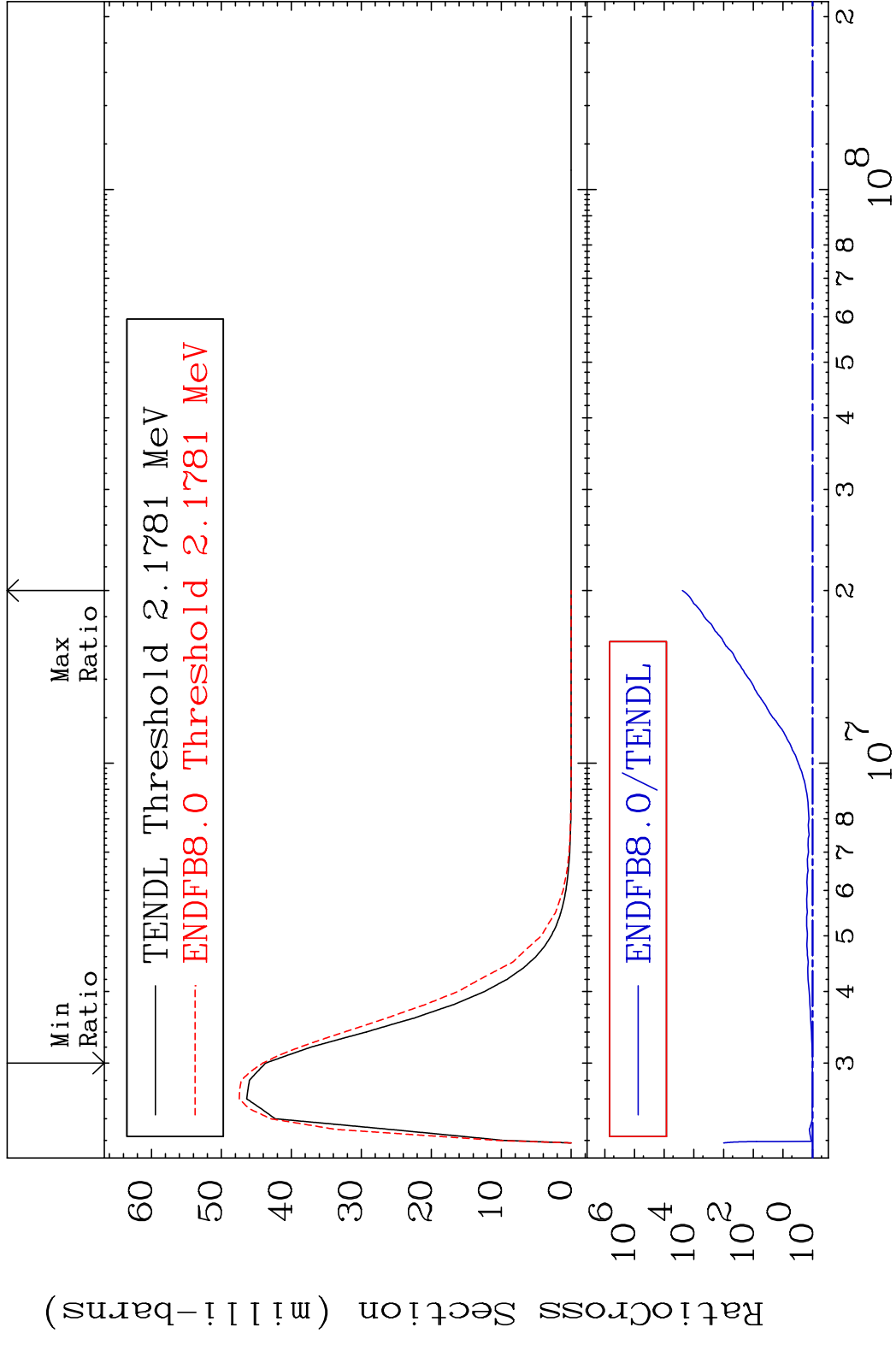
8 Incident Energy (eV) 50-Sn-120

MAT 5049 MT= 53 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 39.97 %



9 Incident Energy (eV) 50-Sn-120

MAT 5049 MT= 54 (n, n') Level 50-Sn-120
 Cross Section 0.907 To 9999. %

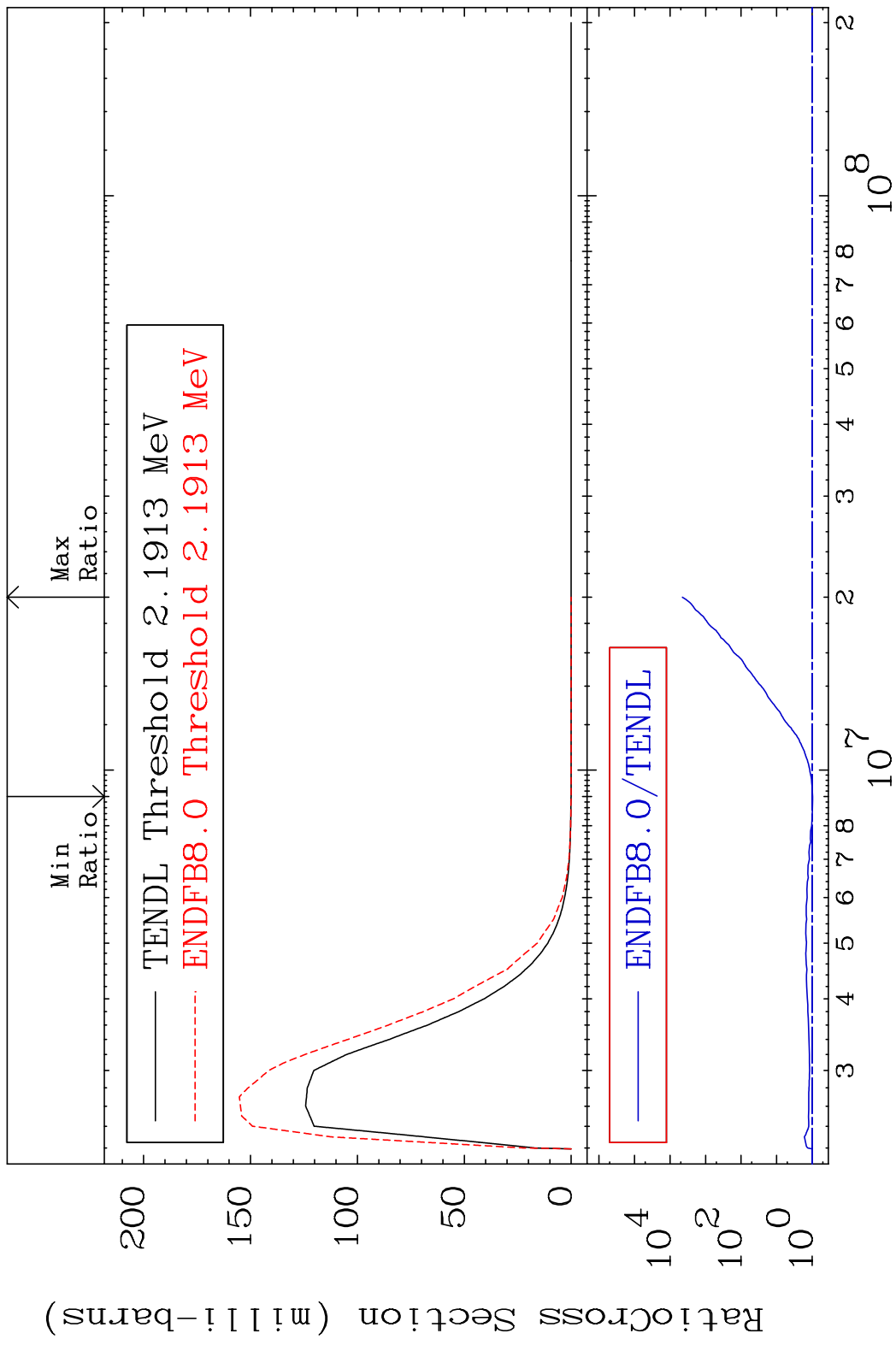


10

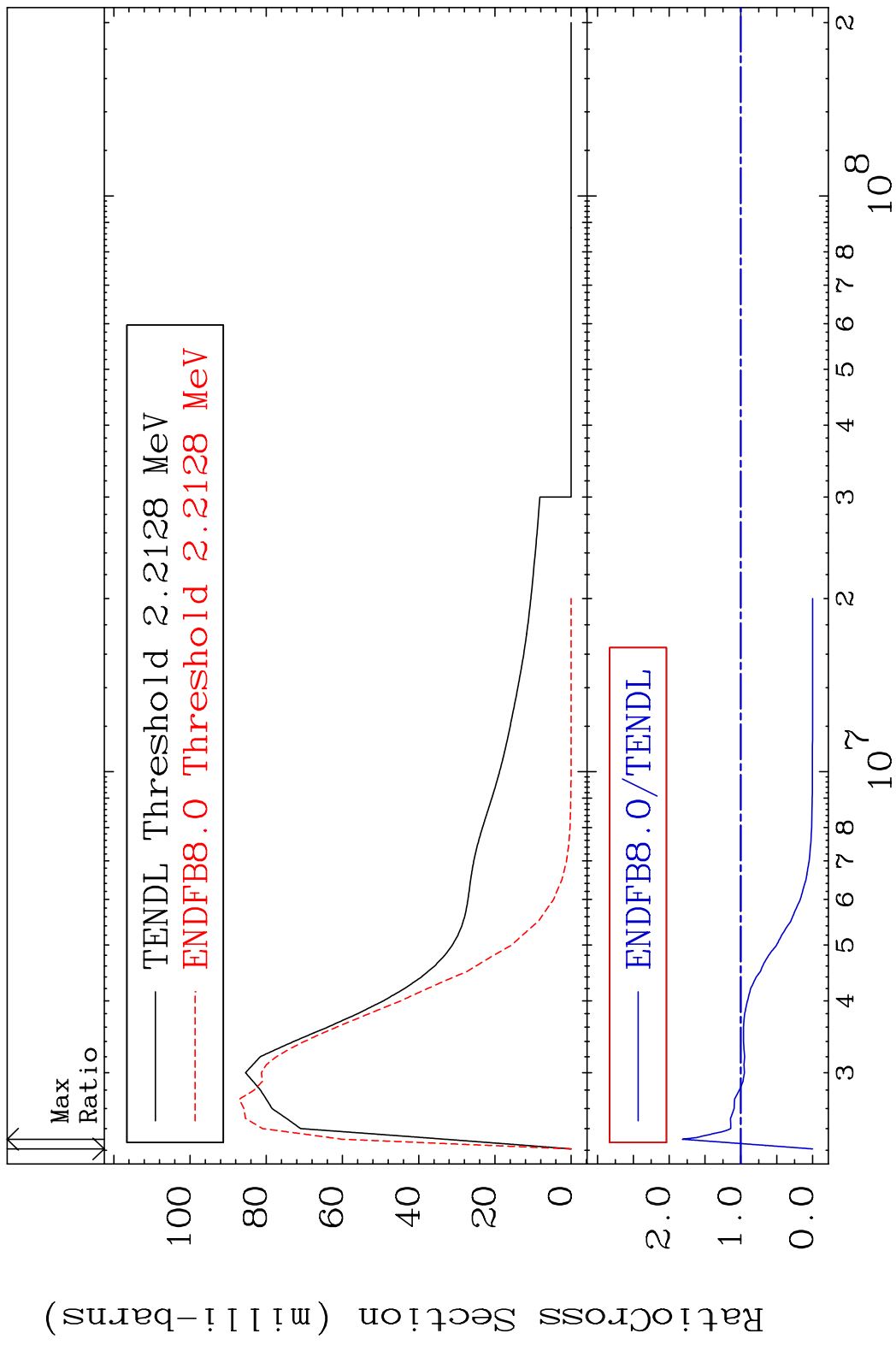
Incident Energy (eV)

50-Sn-120

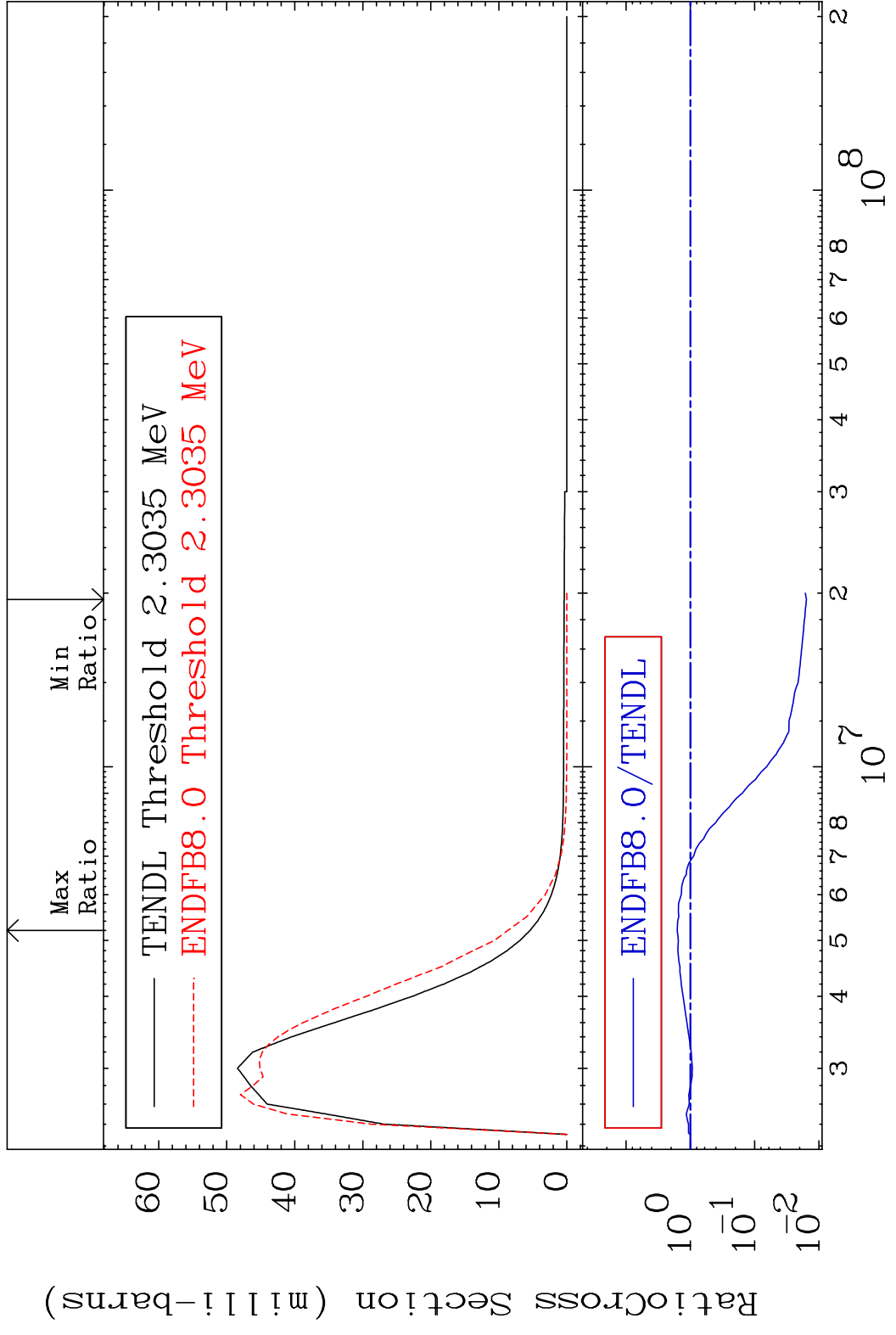
MAT 5049 MT= 55 (n, n') Level 50-Sn-120
 Cross Section -2.741 To 9999. %



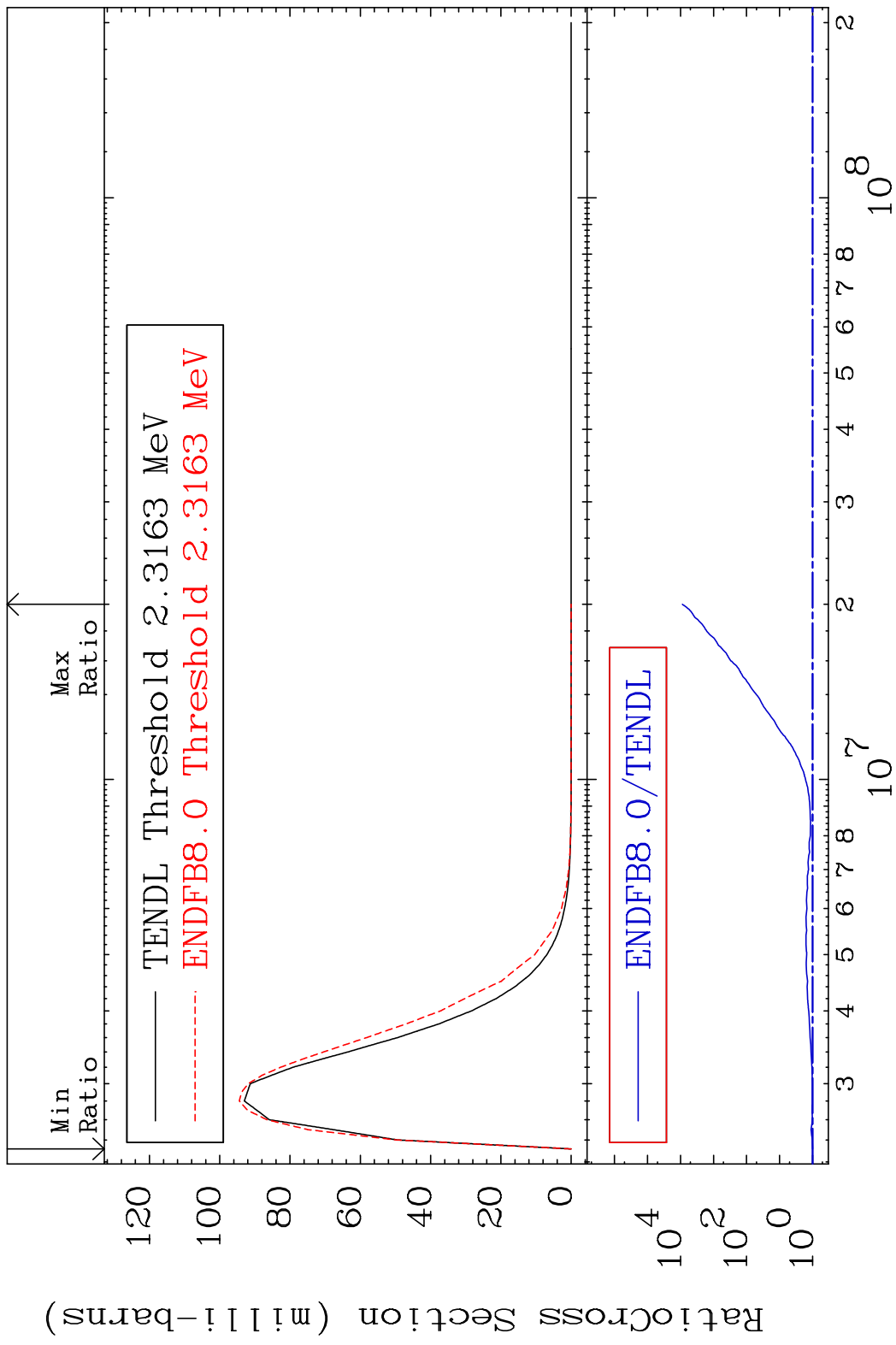
MAT 5049 MT= 56 (n,n') Level 50-Sn-120
 Cross Section -100.0 To 81.62 %



MAT 5049 MT= 57 (n, n') Level 50-Sn-120
 Cross Section -98.43 To 60.46 %

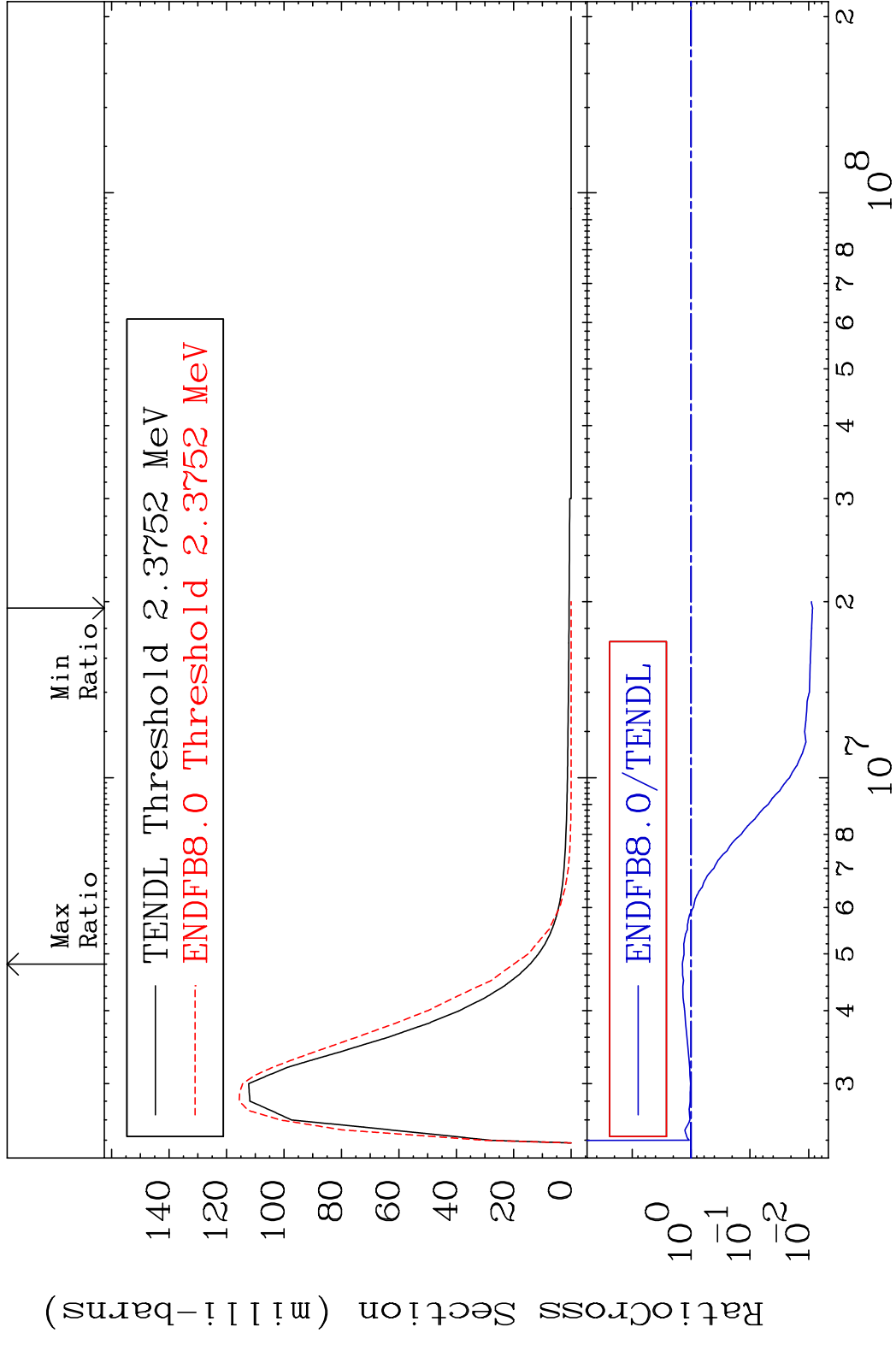


MAT 5049 MT= 58 (n, n') Level 50-Sn-120
 Cross Section 0.000 To 9999. %



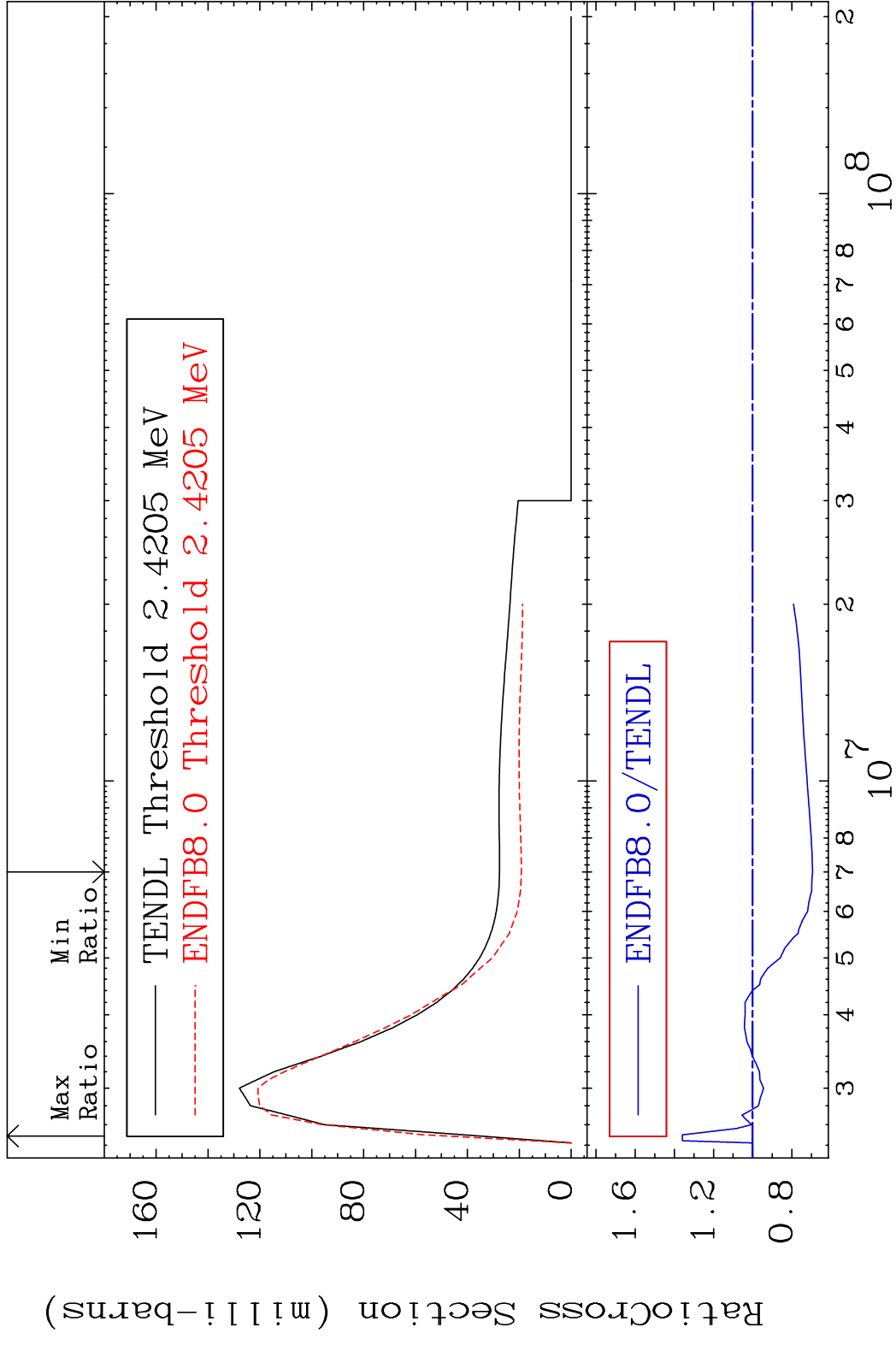
14 Incident Energy (eV) 50-Sn-120

MAT 5049 MT= 59 (n,n') Level 50-Sn-120
 Cross Section -99.14 To 40.09 %

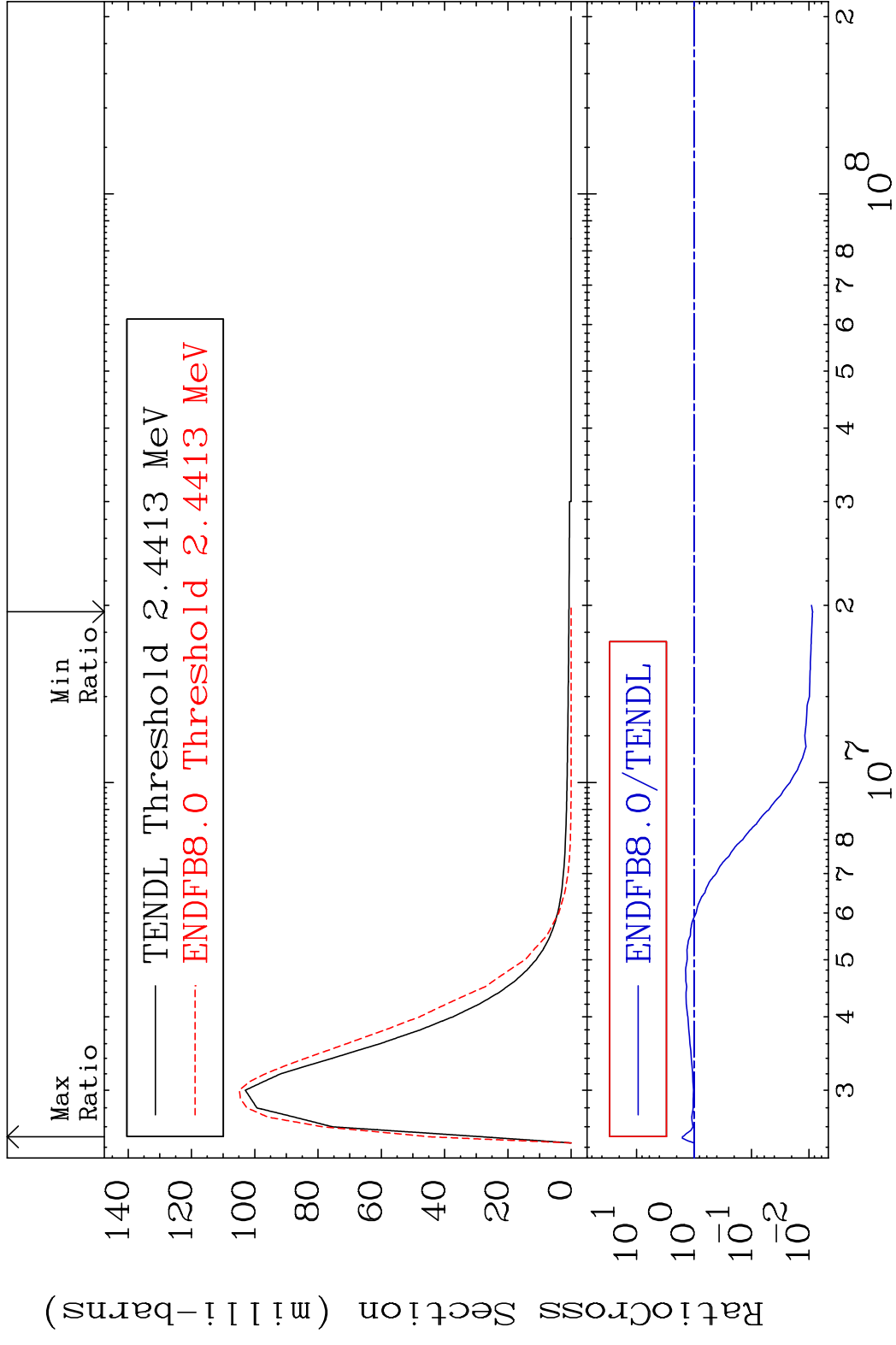


15 Incident Energy (eV) 50-Sn-120

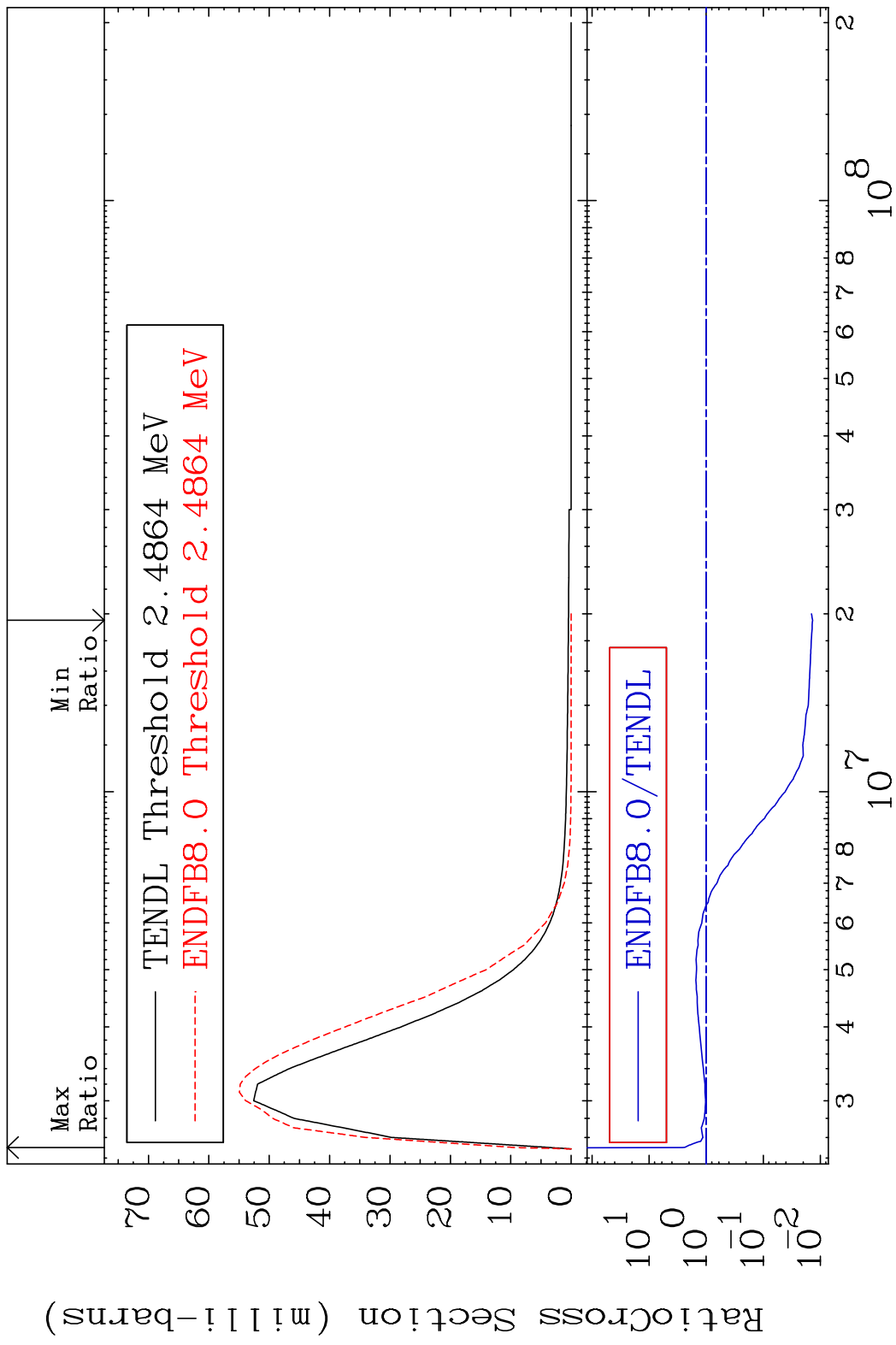
MAT 5049 MT= 60 (n,n') Level 50-Sn-120
 Cross Section -30.57 To 35.93 %



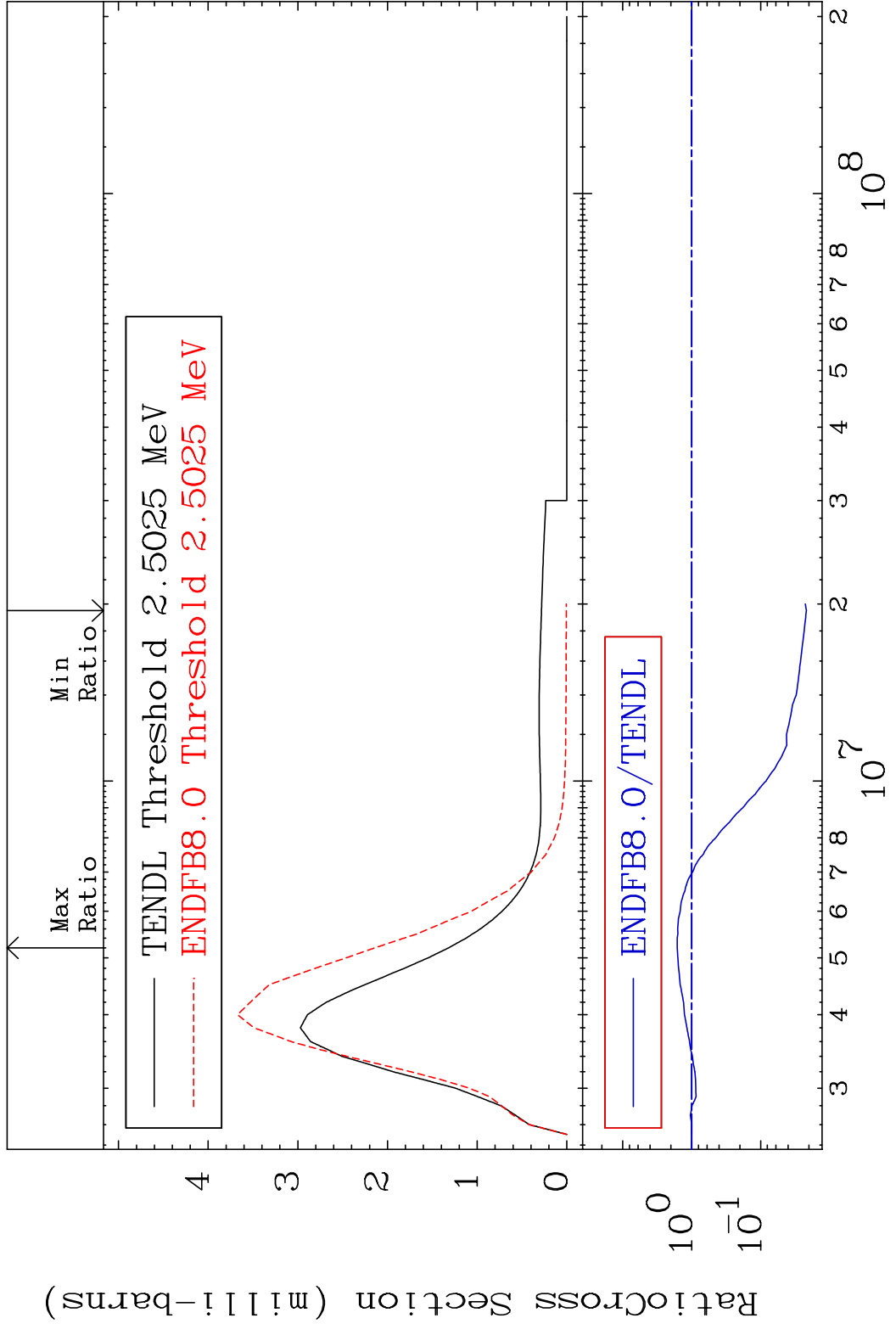
MAT 5049 MT= 61 (n, n') Level 50-Sn-120
 Cross Section -99.14 To 59.23 %



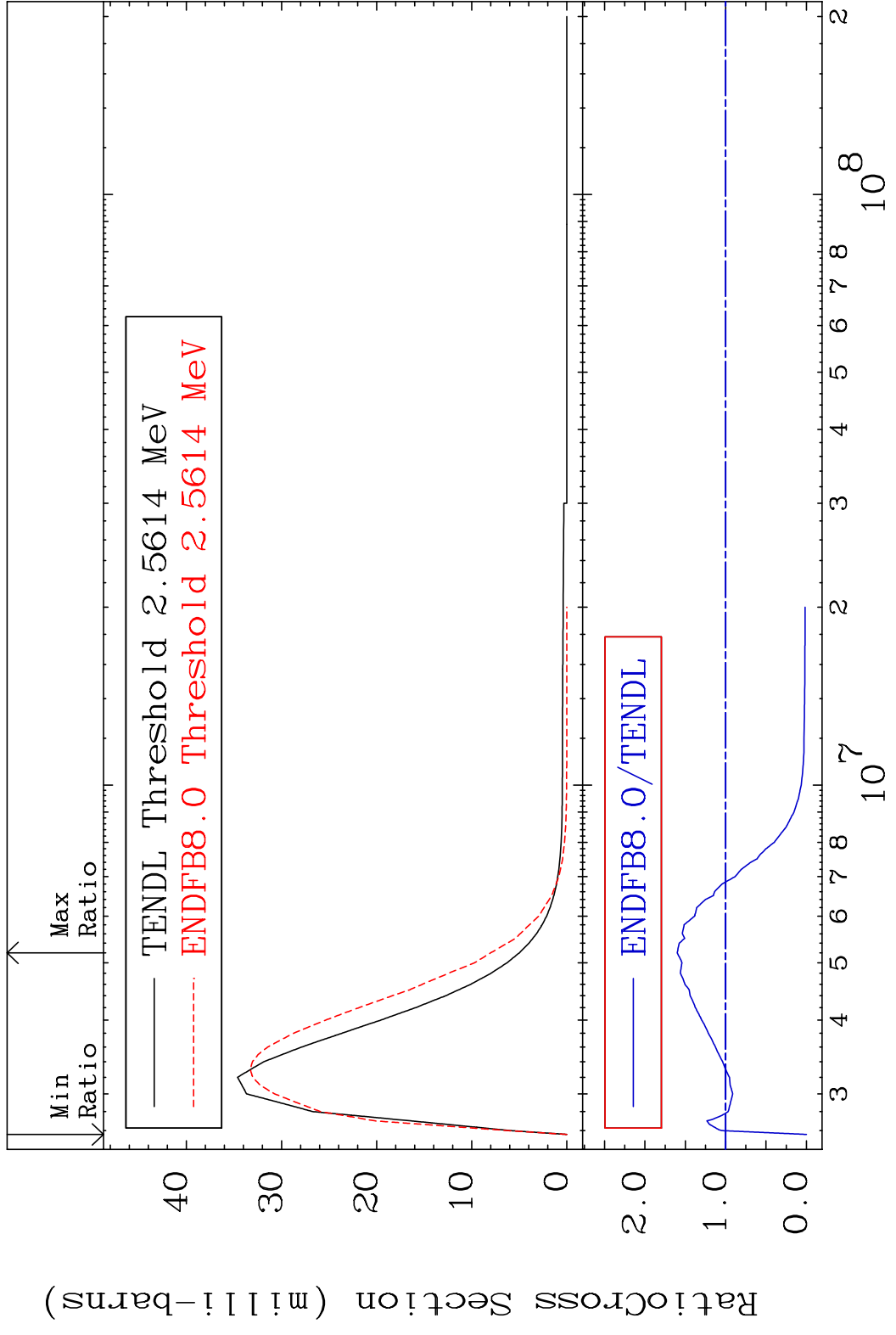
MAT 5049 MT= 62 (n,n') Level 50-Sn-120
 Cross Section -98.63 To 161.5 %



MAT 5049 MT= 63 (n, n') Level 50-Sn-120
 Cross Section -97.82 To 62.37 %

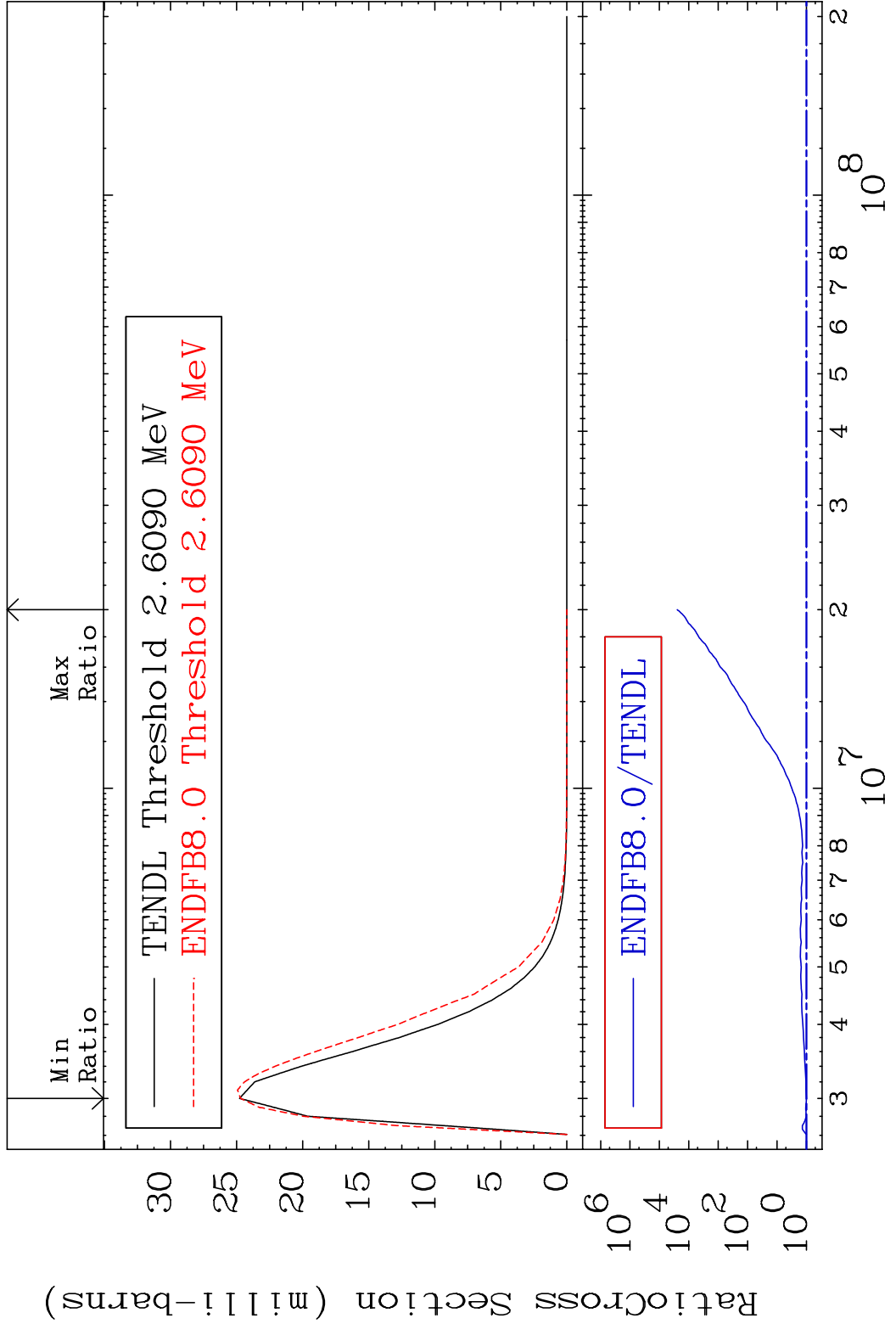


MAT 5049 MT= 64 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 60.08 %

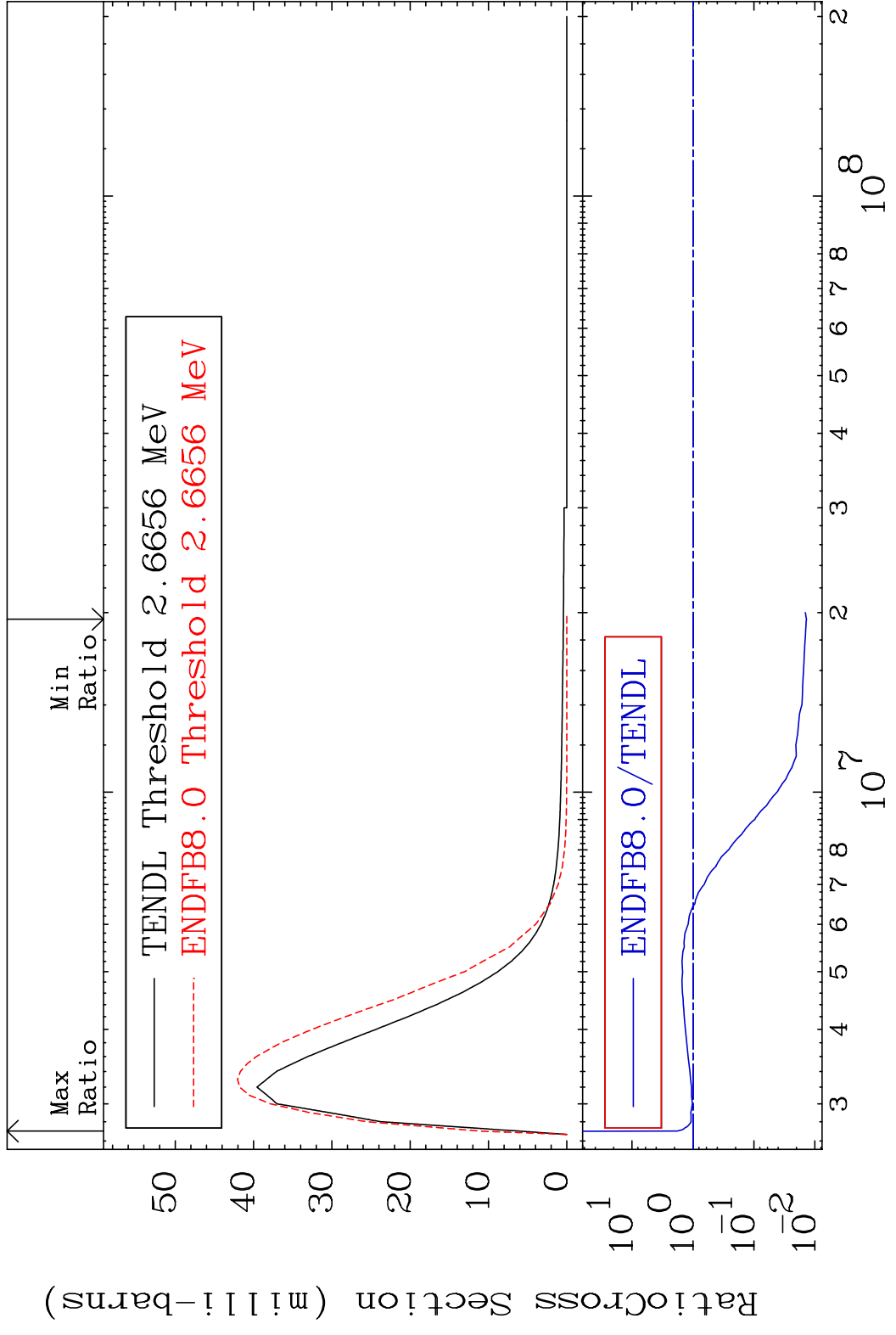


20 50-Sn-120

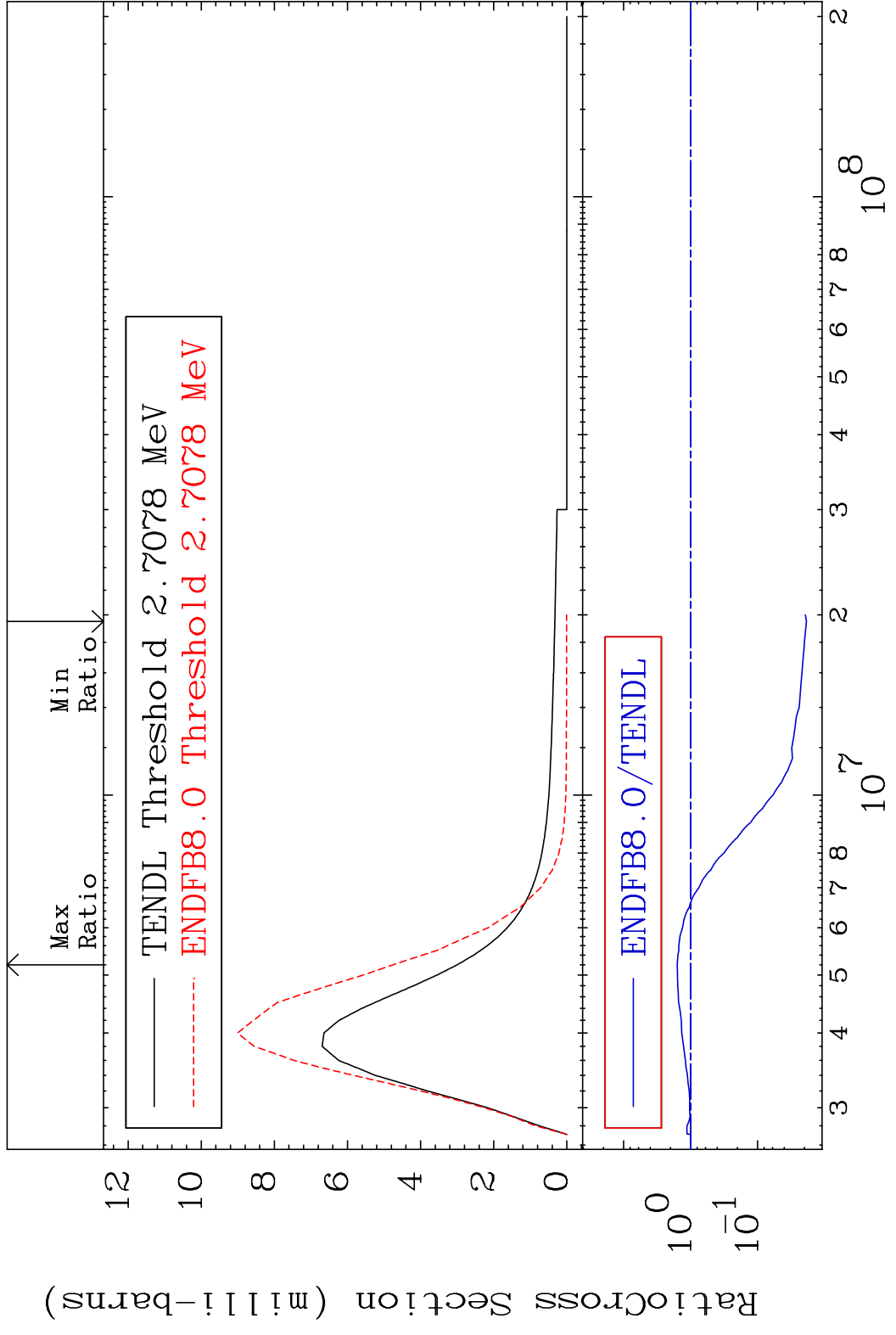
MAT 5049 MT= 65 (n,n') Level 50-Sn-120
 Cross Section -0.330 To 9999. %



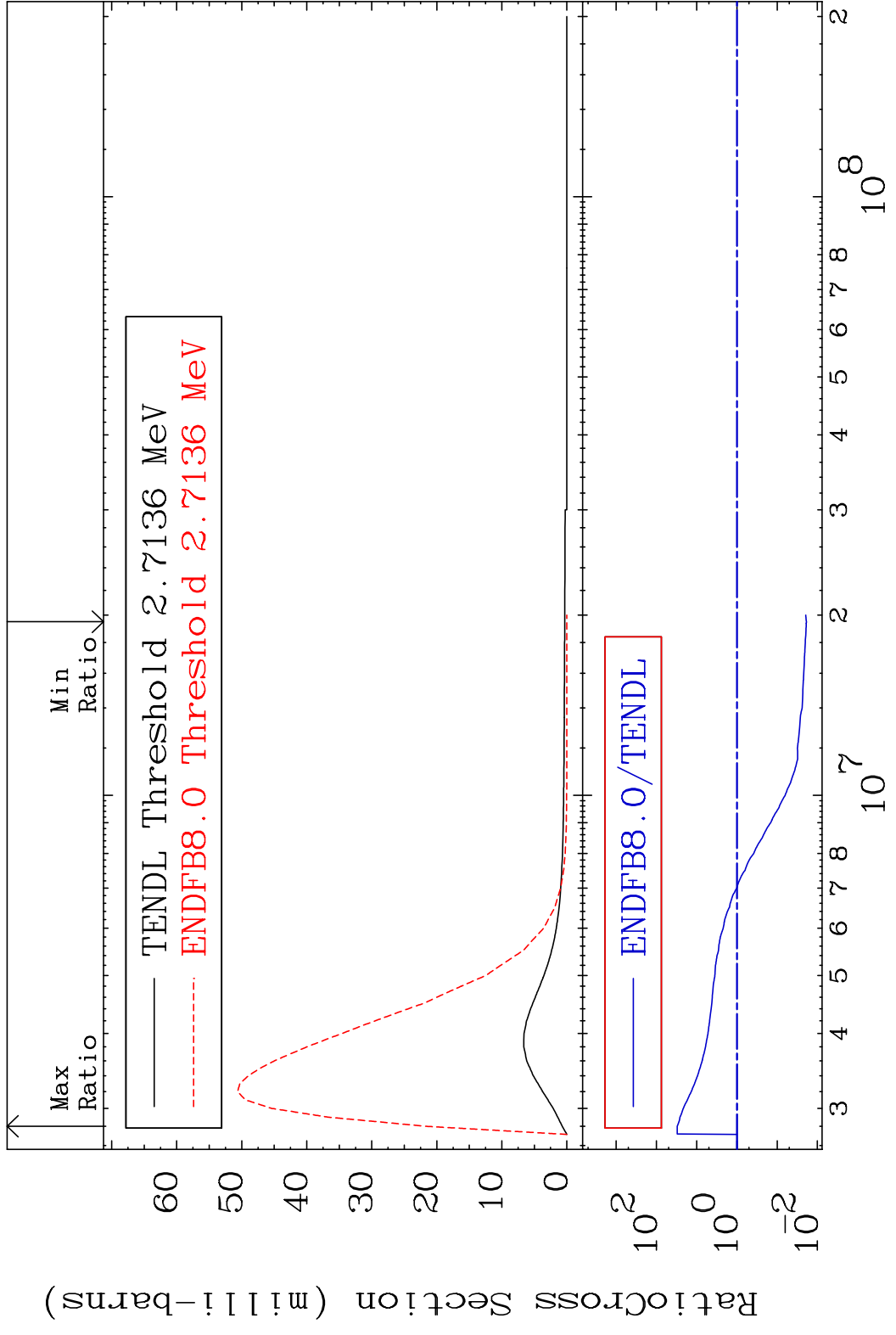
MAT 5049 MT= 66 (n,n') Level 50-Sn-120
 Cross Section -98.62 To 81.43 %



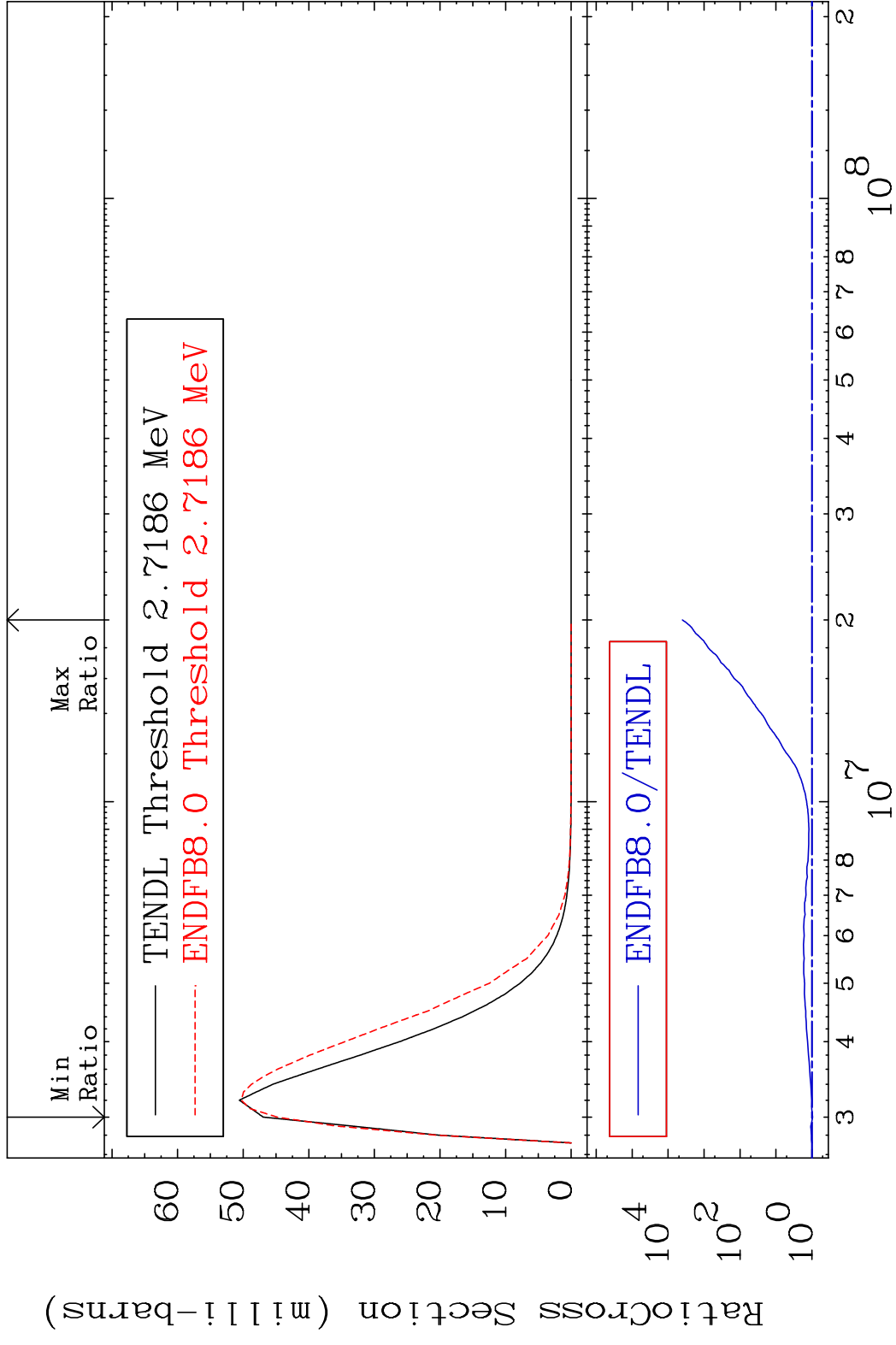
MAT 5049 MT= 67 (n,n') Level 50-Sn-120
 Cross Section -98.13 To 58.56 %



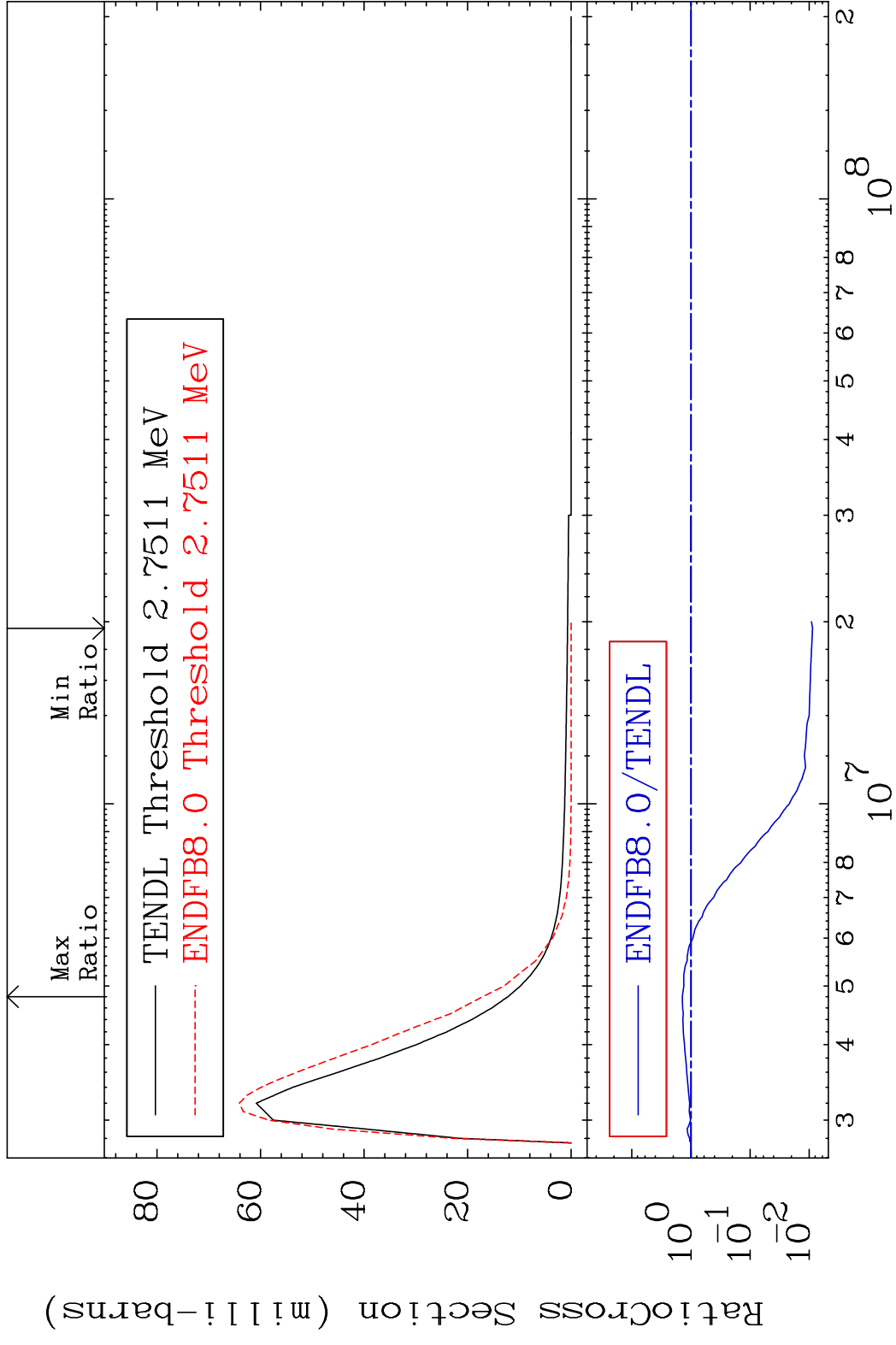
MAT 5049 MT= 68 (n,n') Level 50-Sn-120
 Cross Section -98.12 To 2953. %



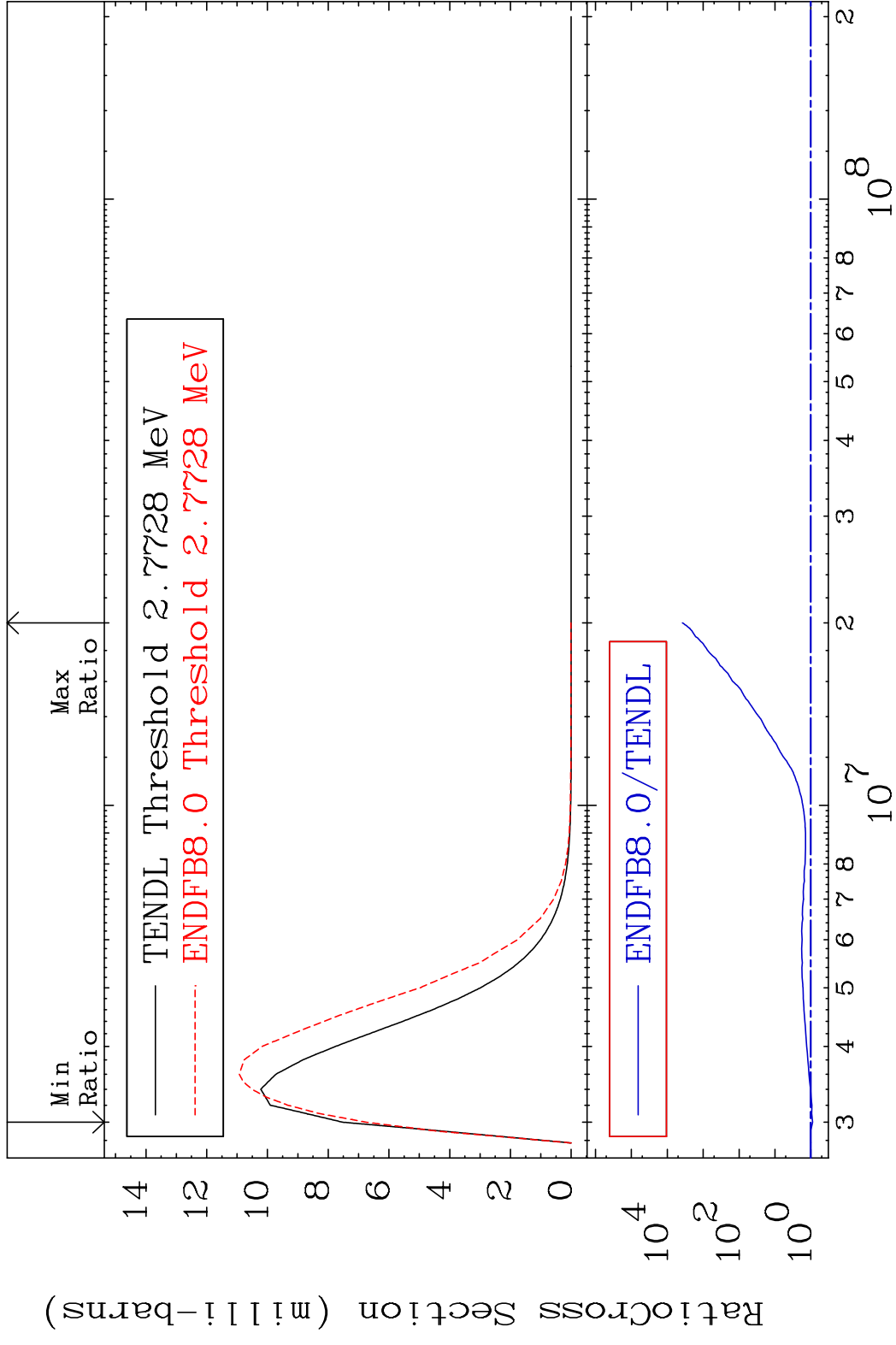
MAT 5049 MT= 69 (n, n') Level 50-Sn-120
 Cross Section -4.546 To 9999. %



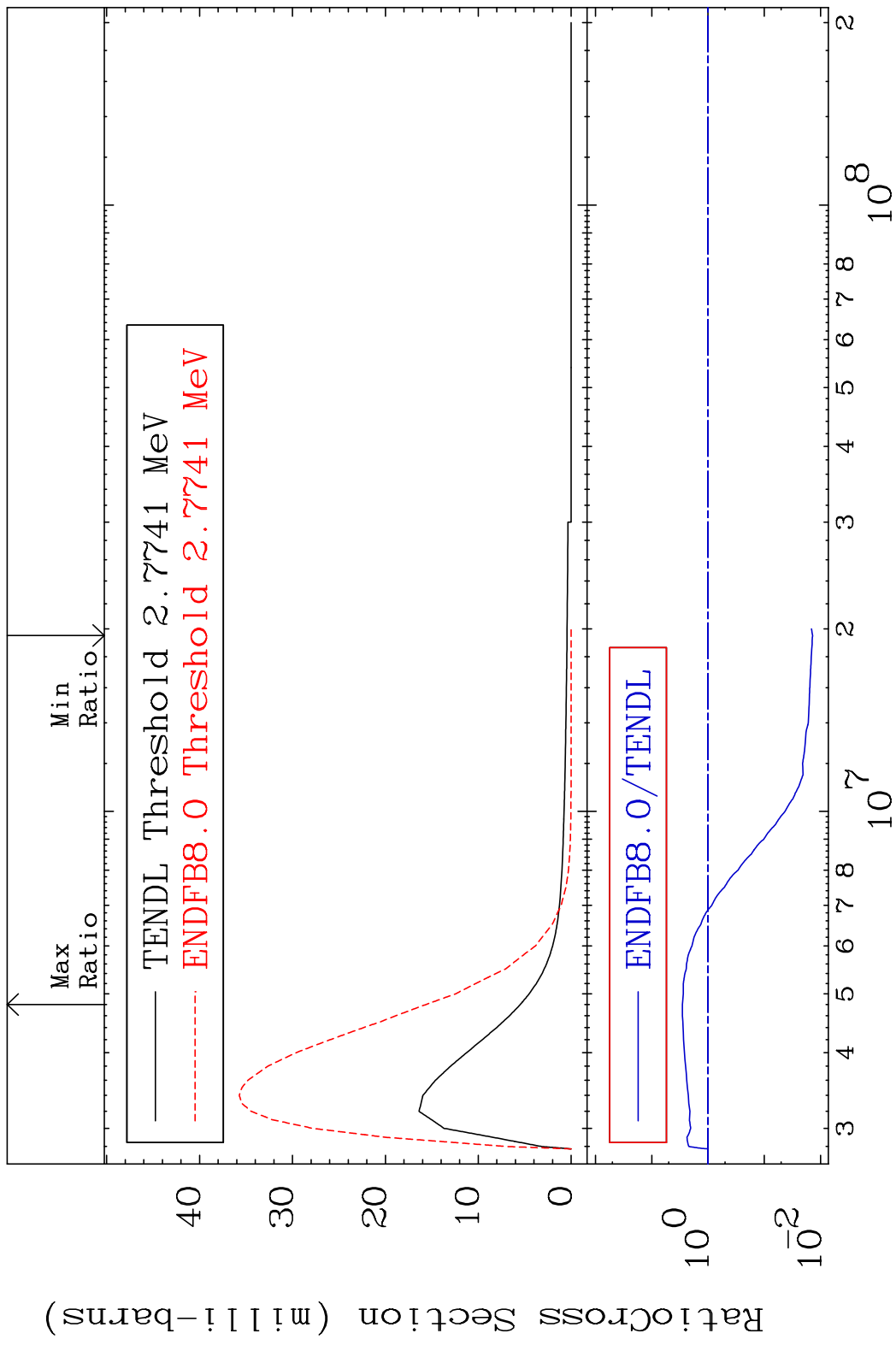
MAT 5049 MT= 70 (n,n') Level 50-Sn-120
 Cross Section -99.12 To 39.82 %



MAT 5049 MT= 71 (n,n') Level 50-Sn-120
 Cross Section -10.19 To 9999. %

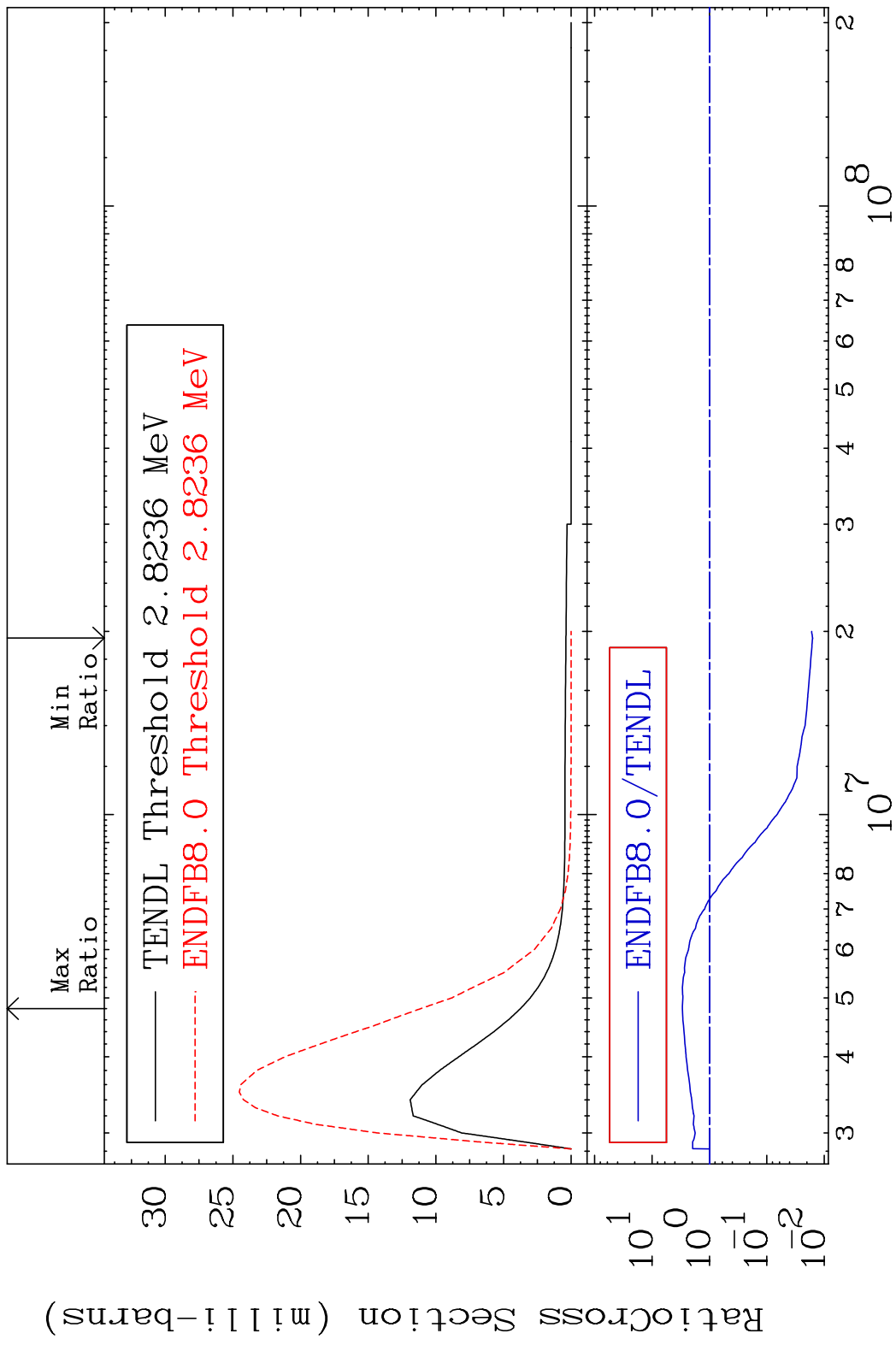


MAT 5049 MT= 72 (n,n') Level 50-Sn-120
 Cross Section -98.61 To 185.8 %

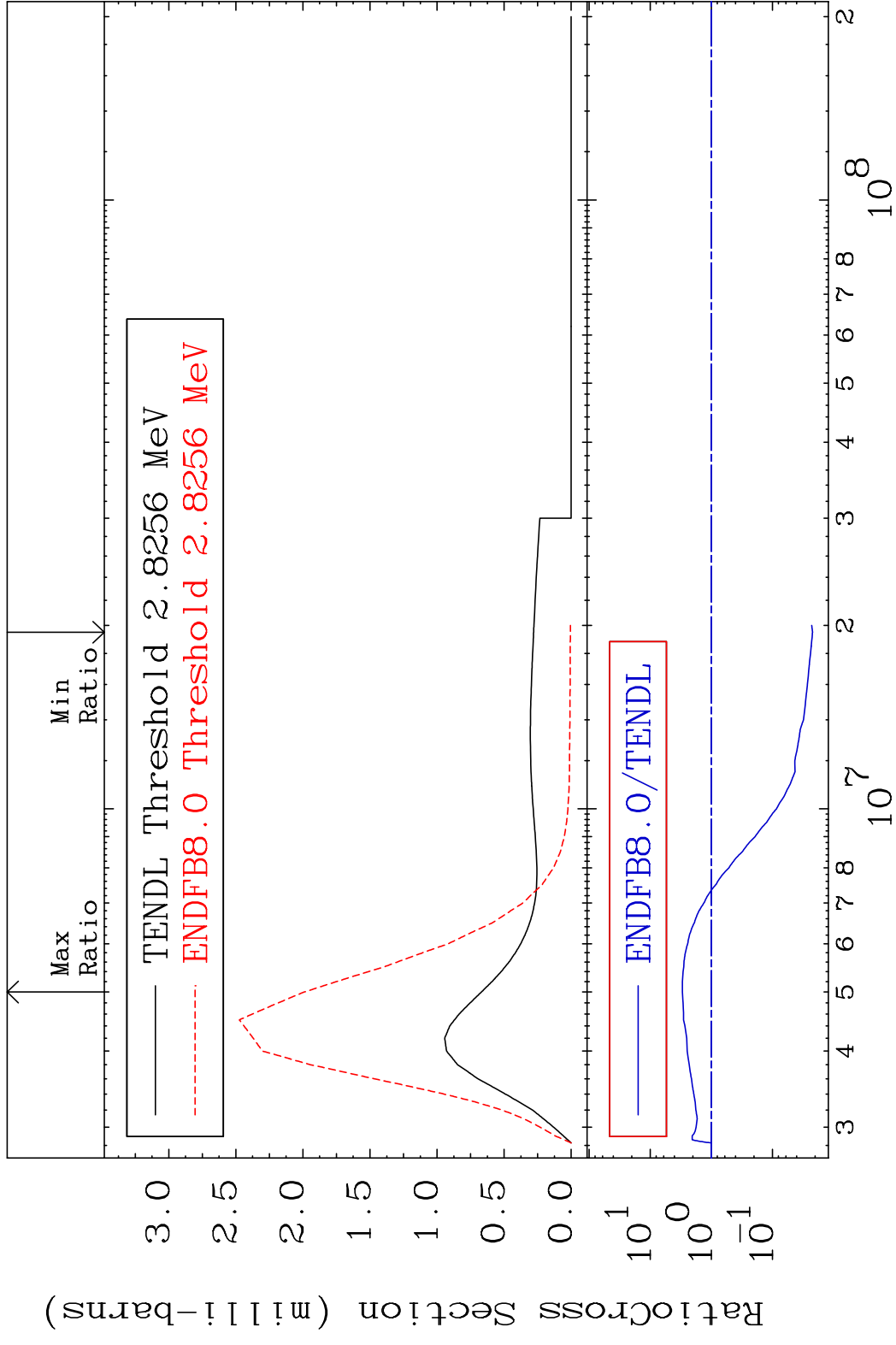


28 Incident Energy (eV) 50-Sn-120

MAT 5049 MT= 73 (n,n') Level 50-Sn-120
 Cross Section -98.40 To 196.6 %

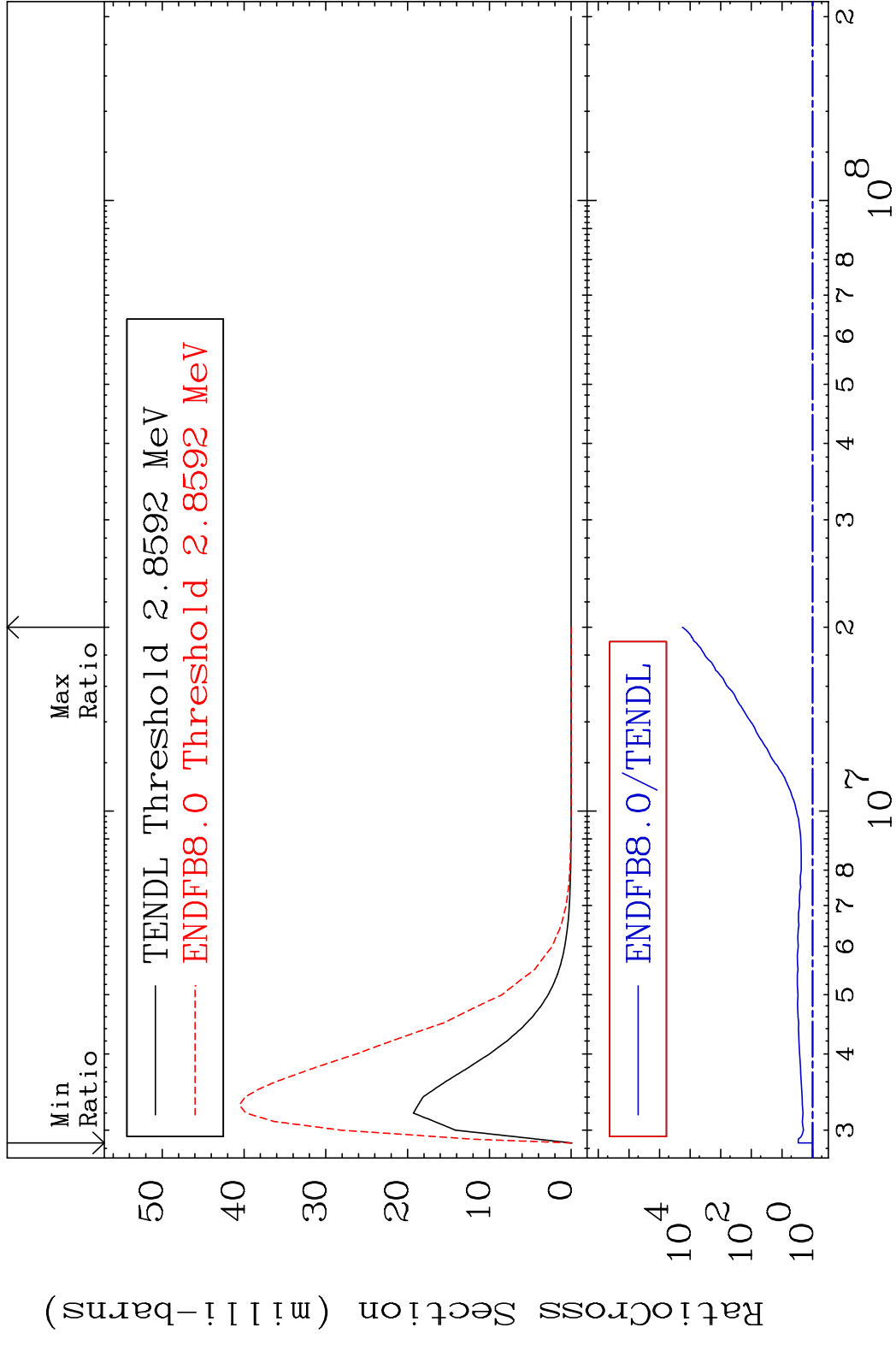


MAT 5049 MT= 74 (n,n') Level 50-Sn-120
 Cross Section -97.80 To 197.3 %

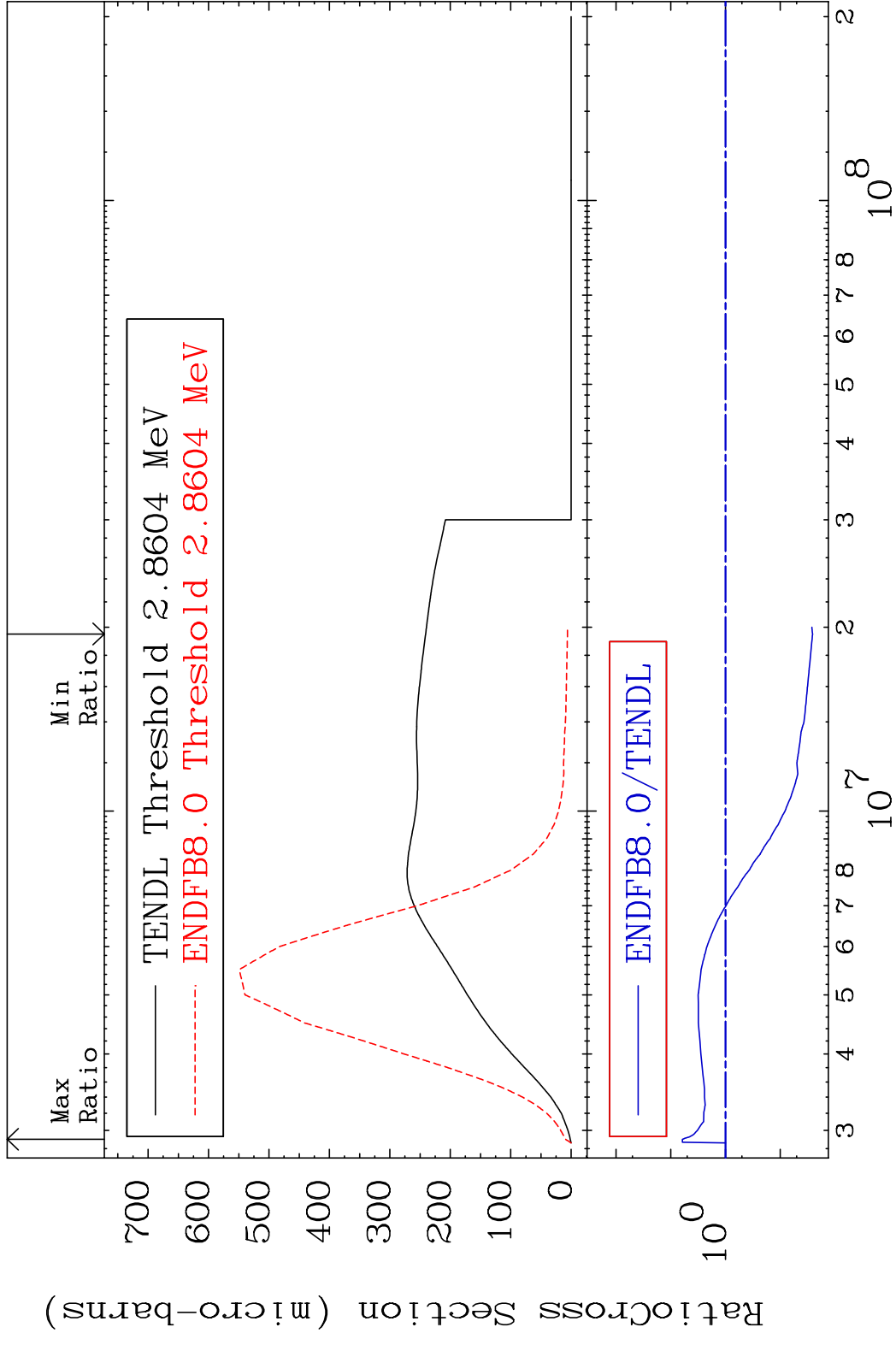


30 Incident Energy (eV) 50-Sn-120

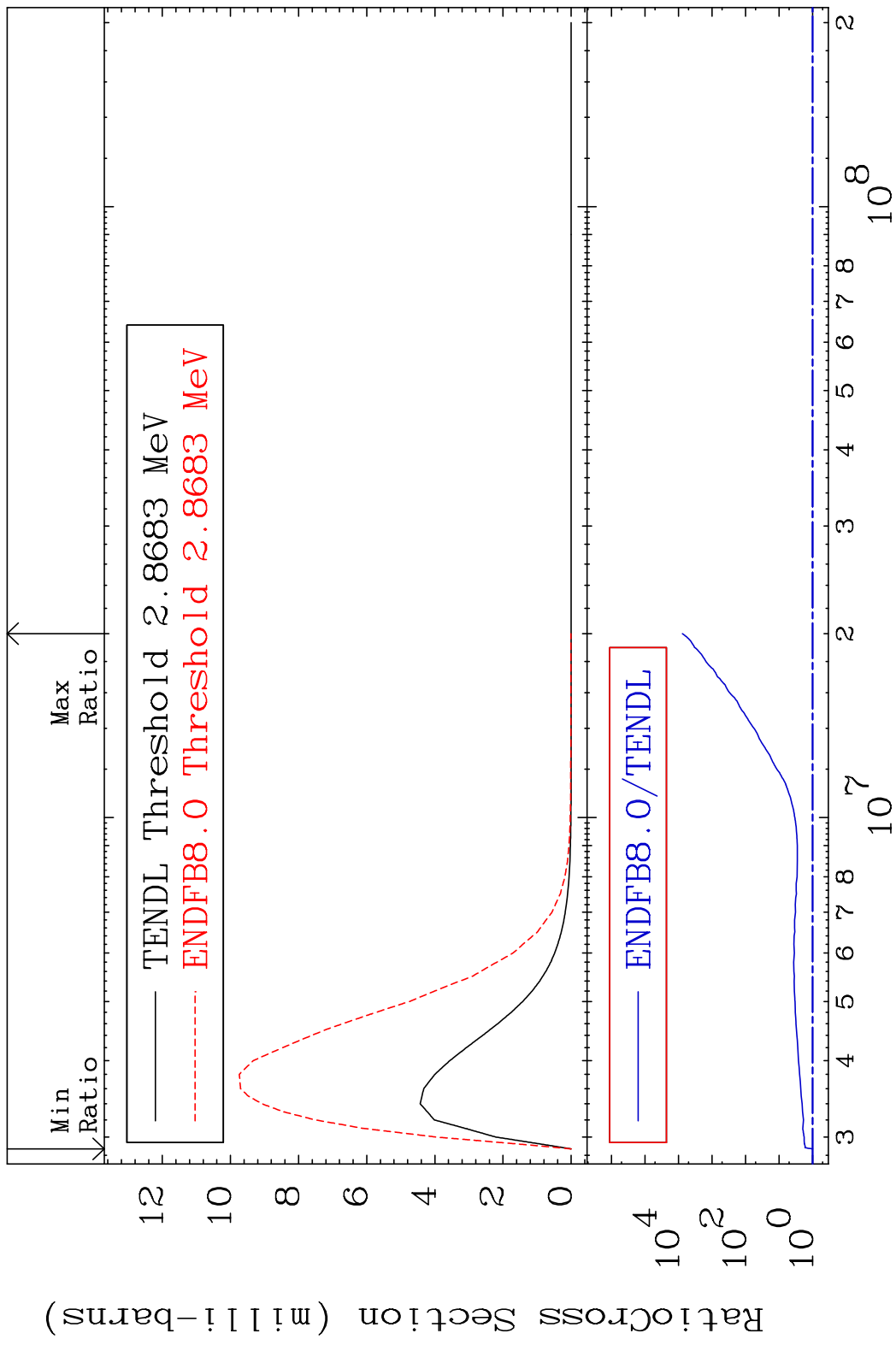
MAT 5049 MT= 75 (n,n') Level 50-Sn-120
 Cross Section 0.000 To 9999. %



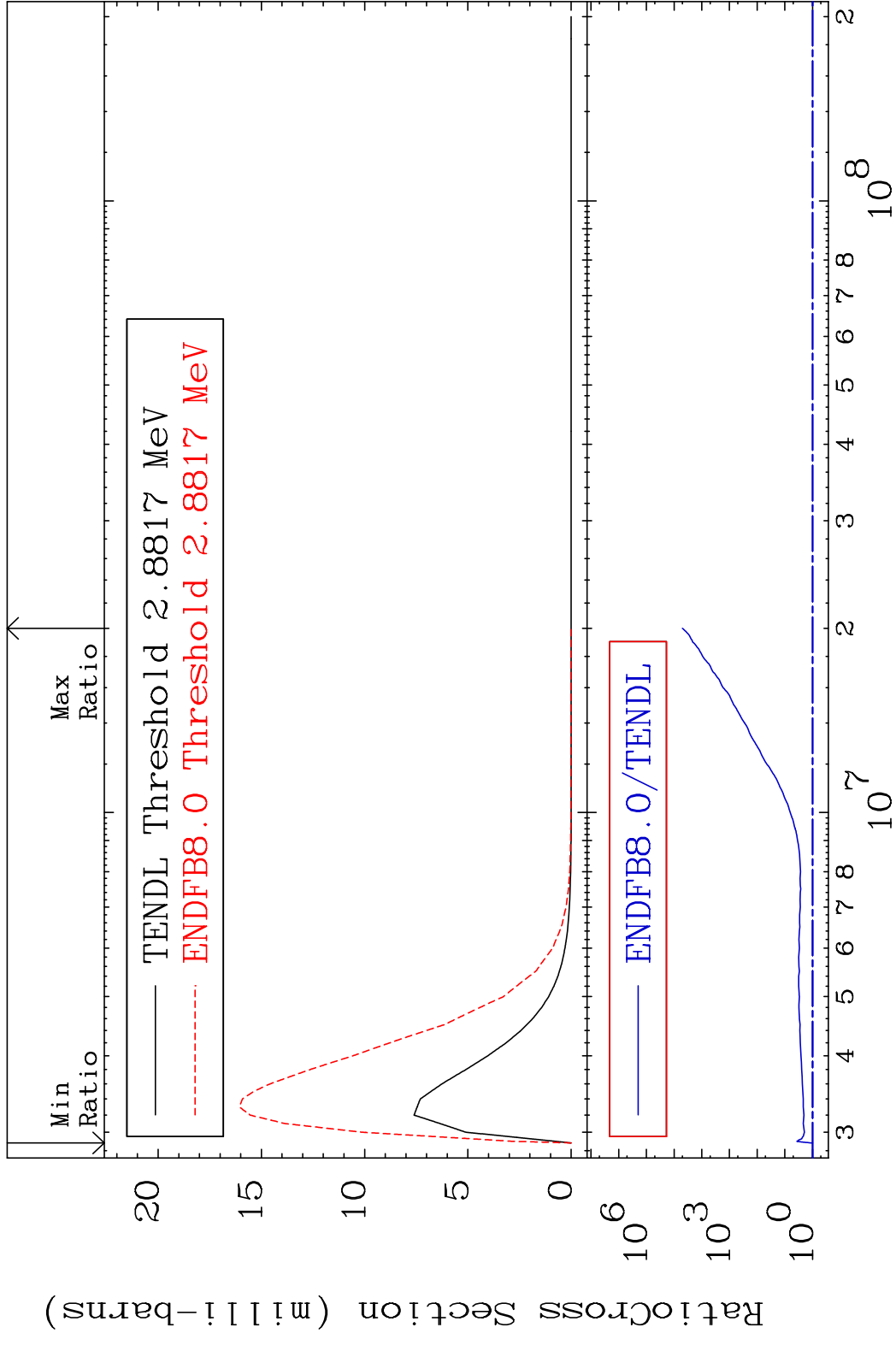
MAT 5049 MT= 76 (n,n') Level 50-Sn-120
 Cross Section -97.44 To 512.8 %



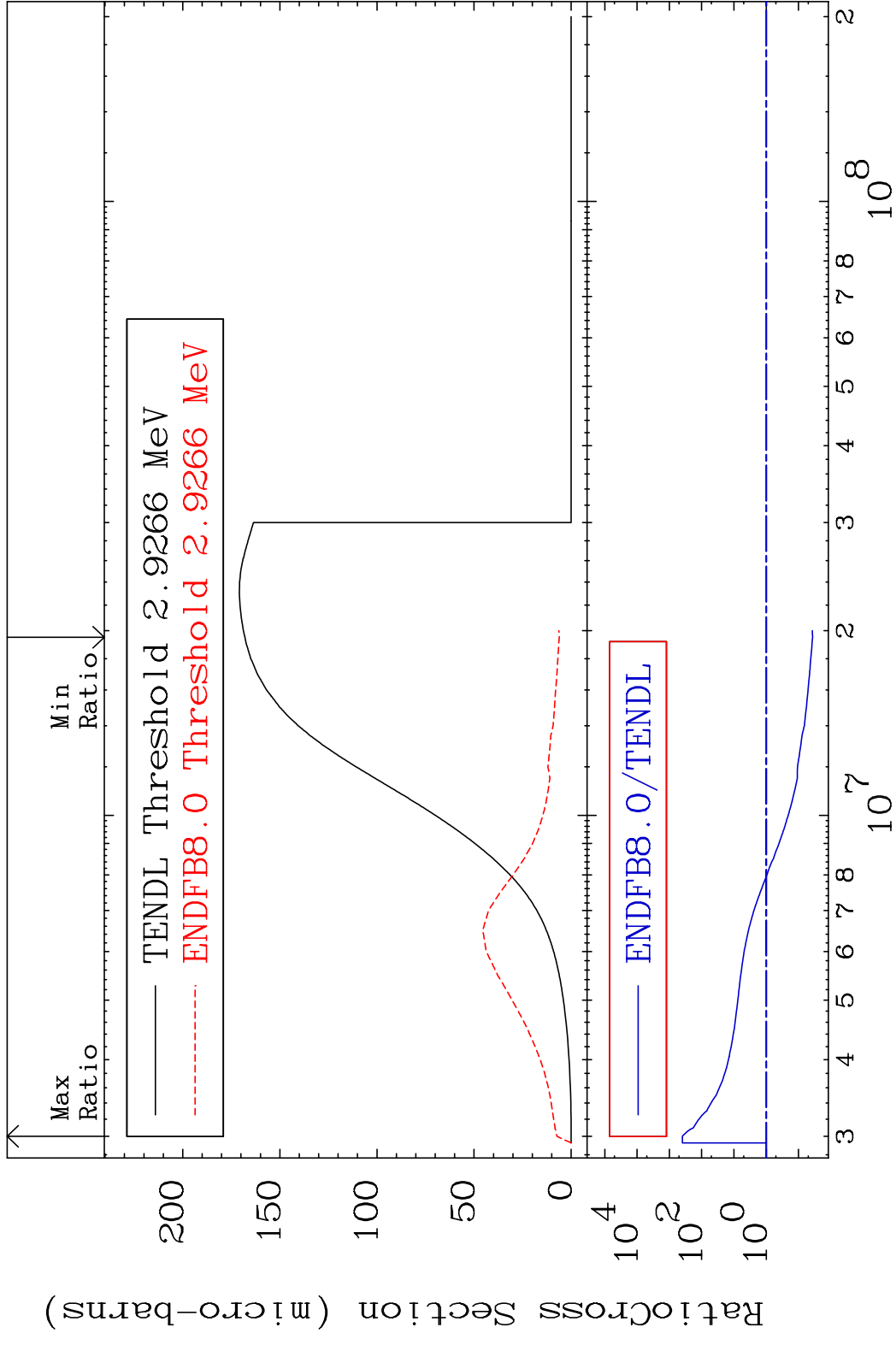
MAT 5049 MT= 77 (n,n') Level 50-Sn-120
 Cross Section 0.000 To 9999. %



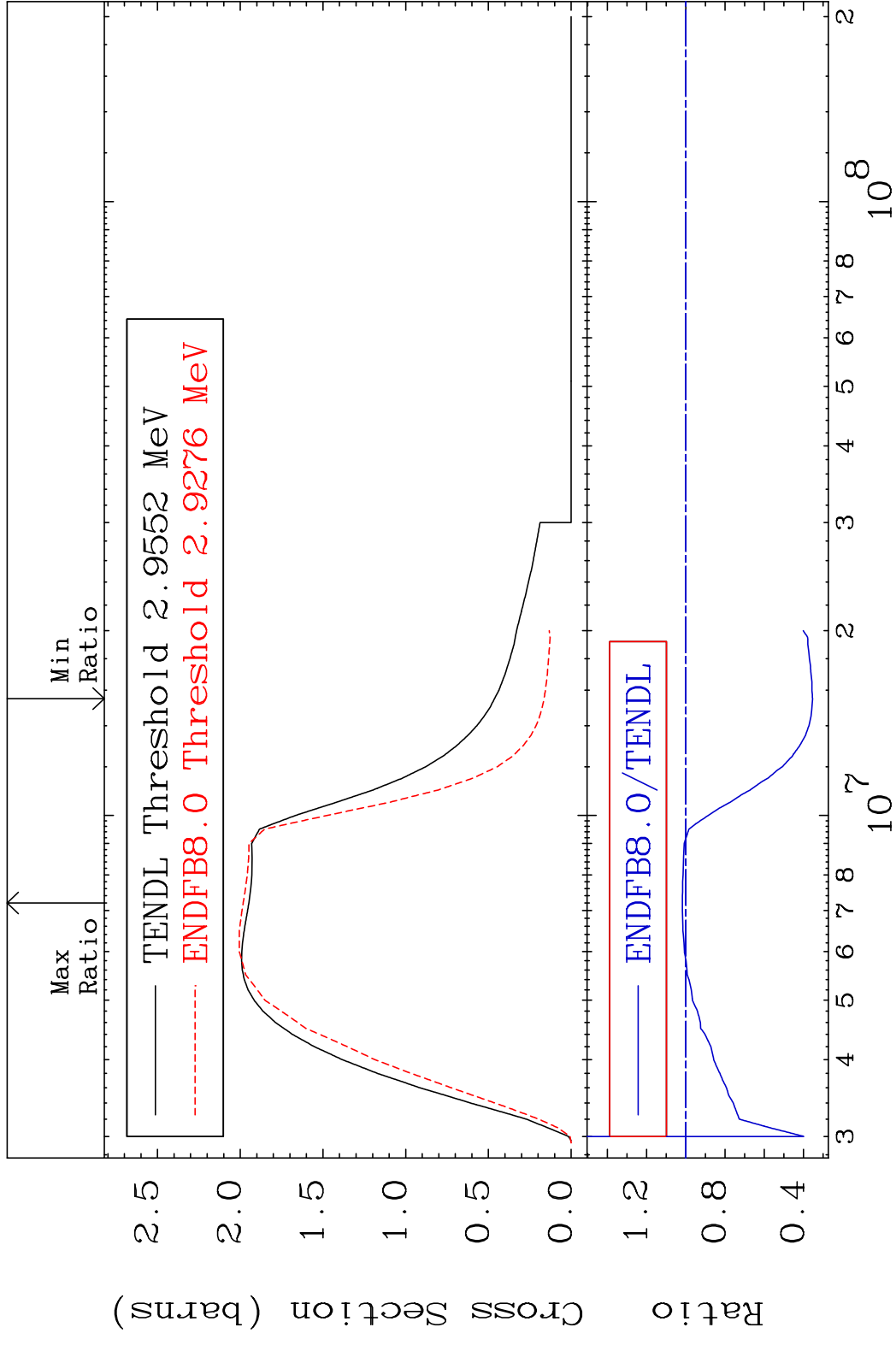
MAT 5049 MT= 78 (n,n') Level 50-Sn-120
 Cross Section 0.000 To 9999. %



MAT 5049 MT= 79 (n, n') Level 50-Sn-120
 Cross Section -96.32 To 9999. %



MAT 5049 (n, n') Continuum 50-Sn-120
 Cross Section -64.62 To 1.740 %

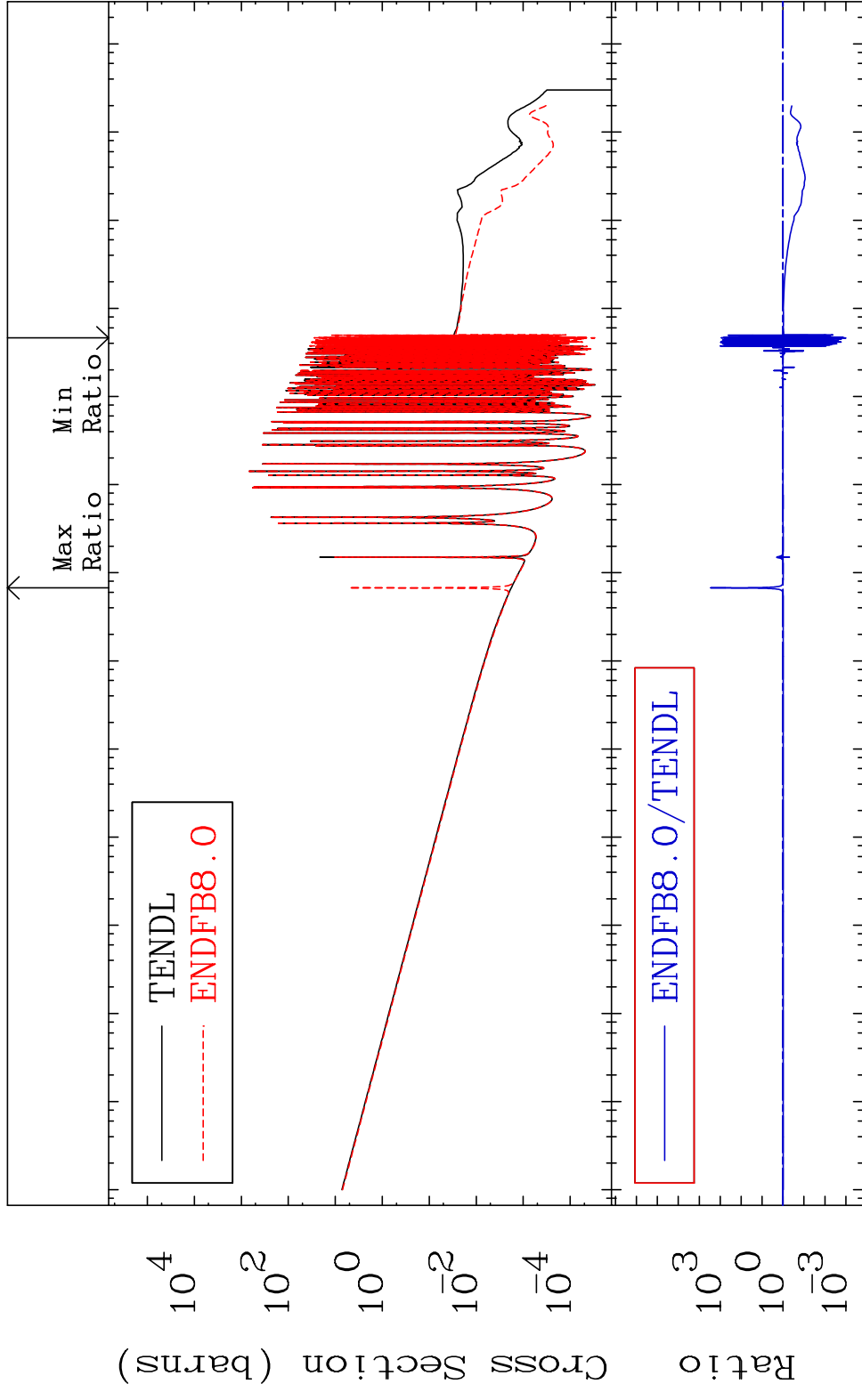


MAT 5049

50-Sn-120

(n, γ)

Cross Section -99.91 To 9999. %

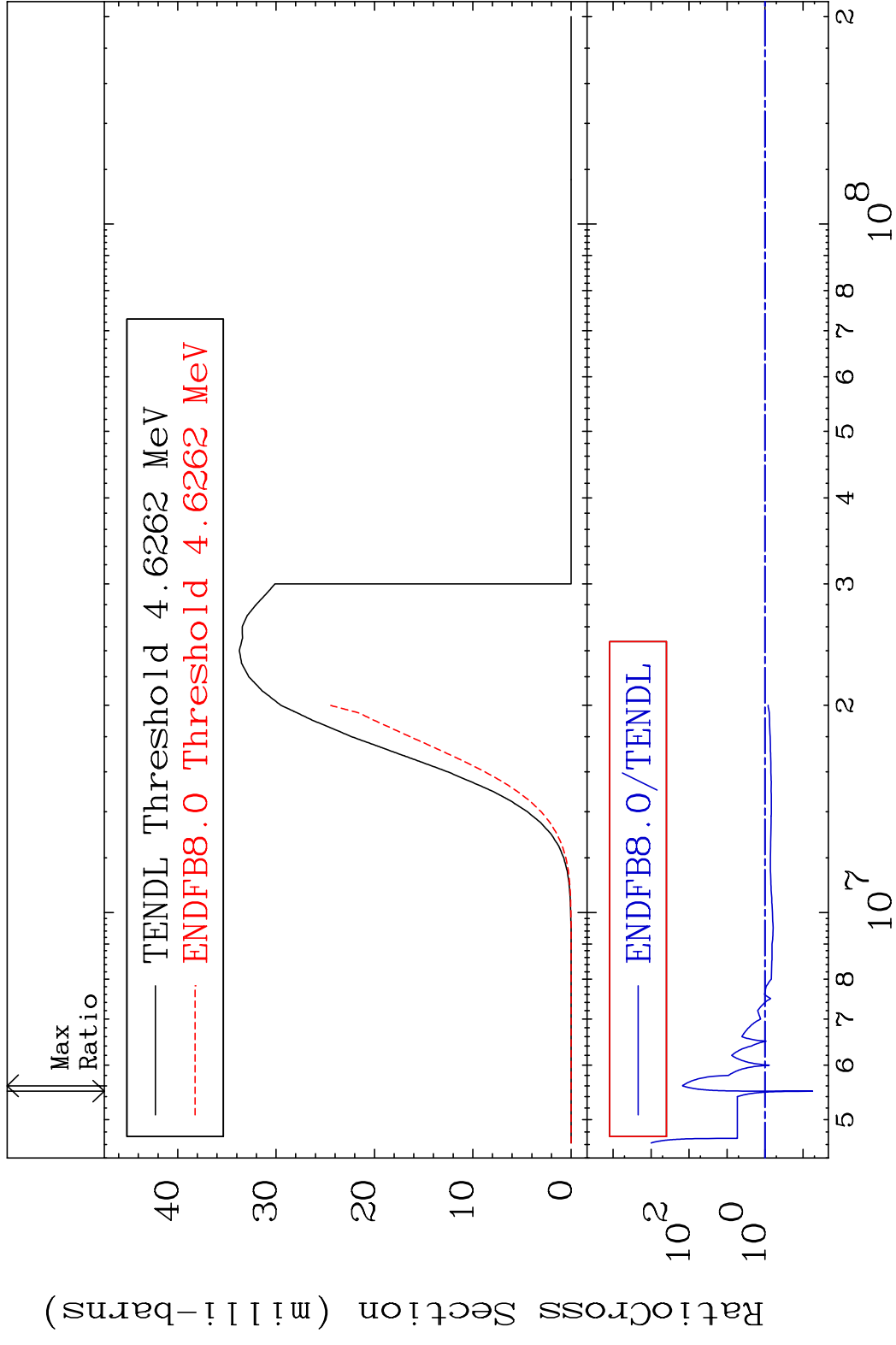


37

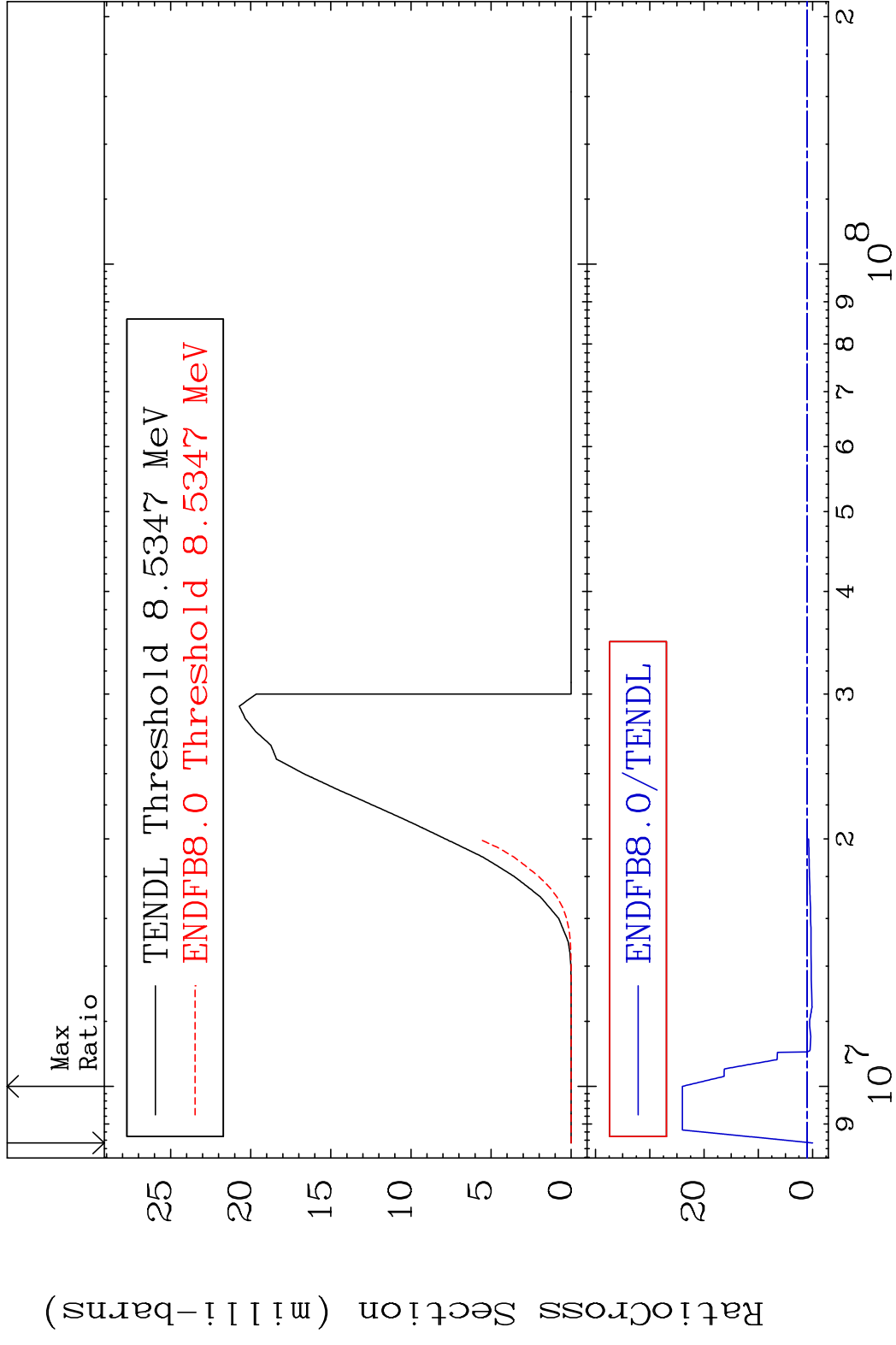
Incident Energy (eV)

50-Sn-120

MAT 5049 (n,p) 50-Sn-120
 Cross Section -94.40 To 9999. %

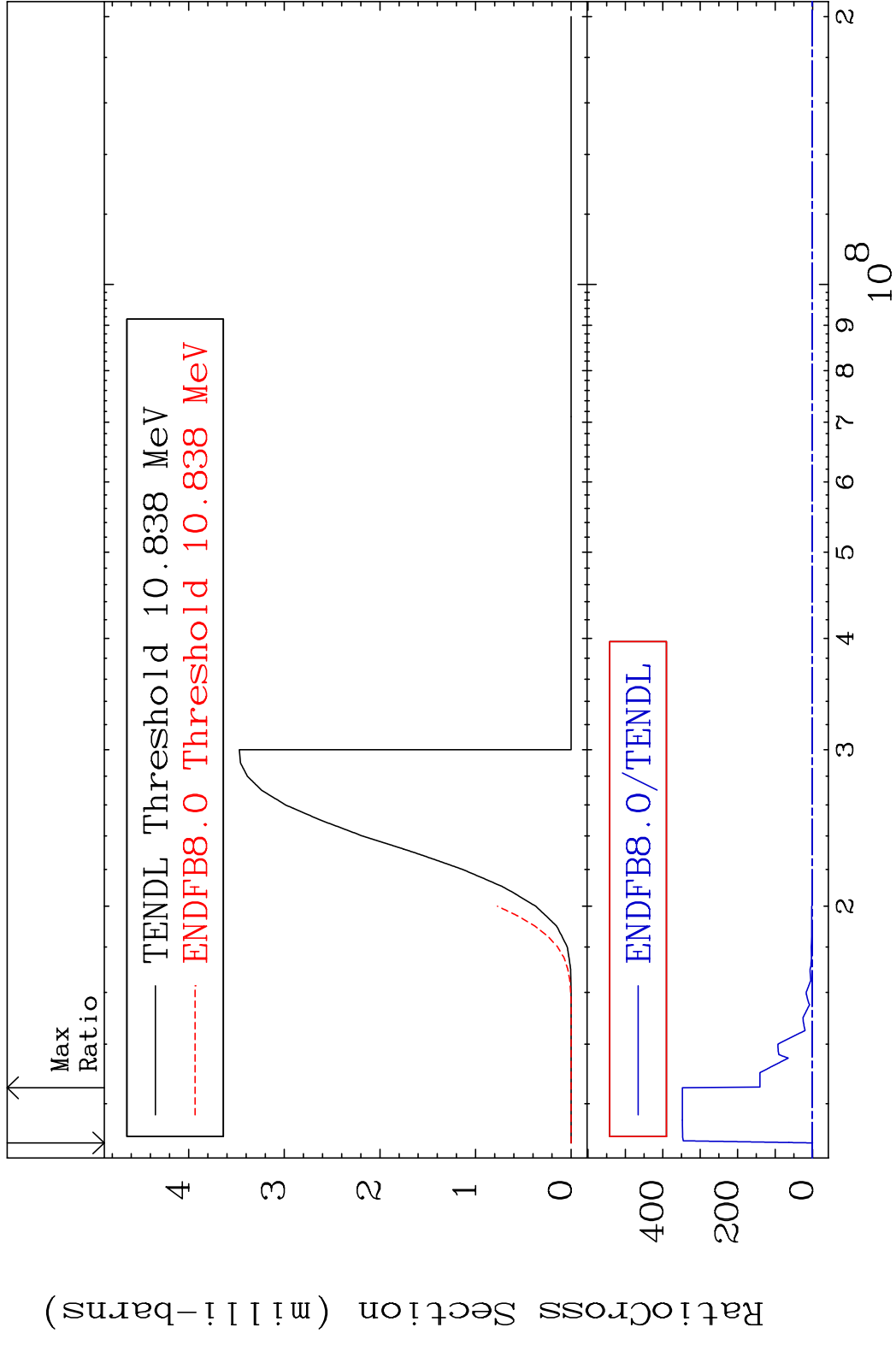


MAT 5049 (n,d) 50-Sn-120
 Cross Section -100.0 To 2301. %



39 Incident Energy (eV) 50-Sn-120

MAT 5049 (n, t) 50-Sn-120
 Cross Section -100.0 To 9999. %



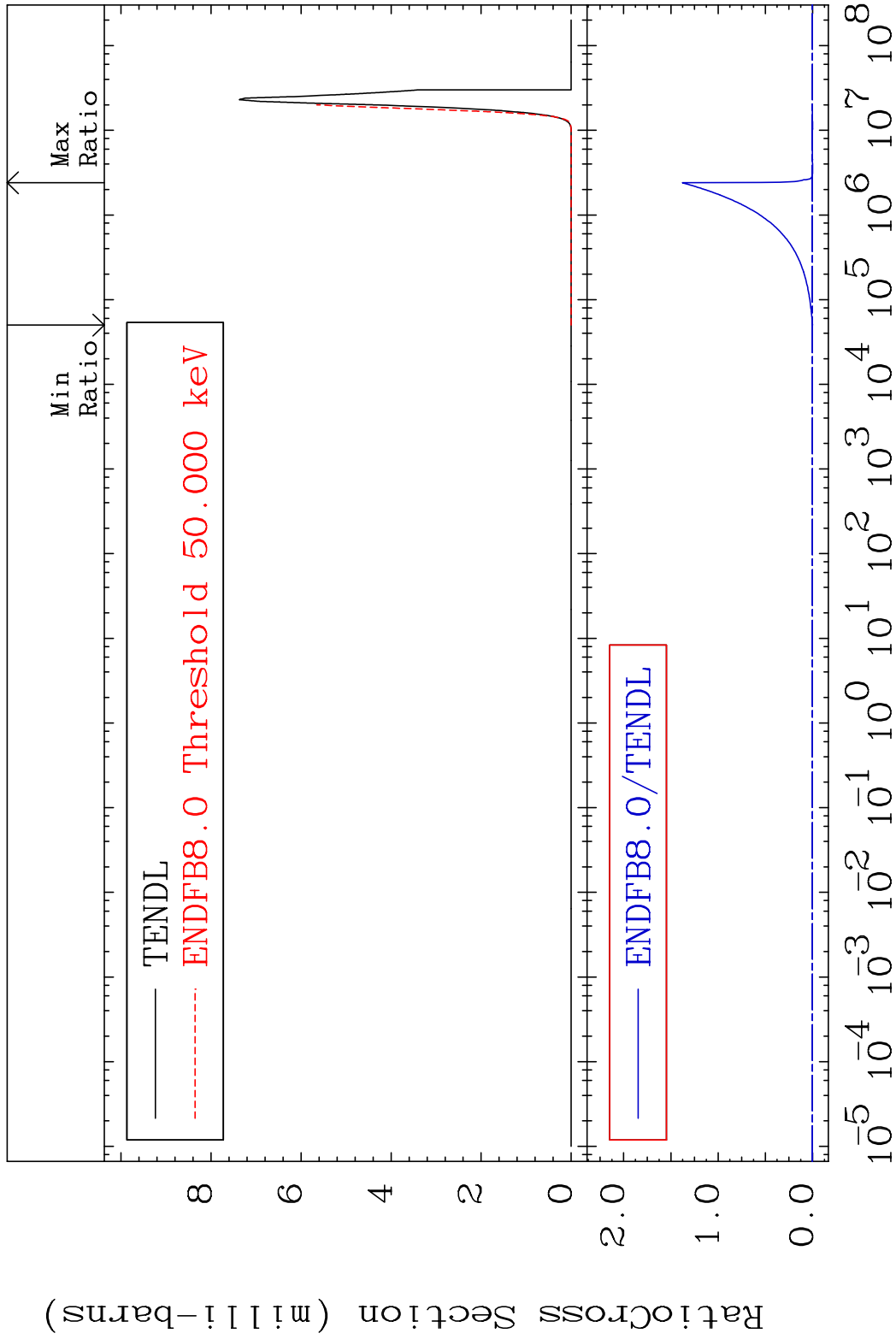
40 50-Sn-120

MAT 5049

(n, α)

50-Sn-120

Cross Section -100.0 To 9999. %



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Incident Energy (eV)

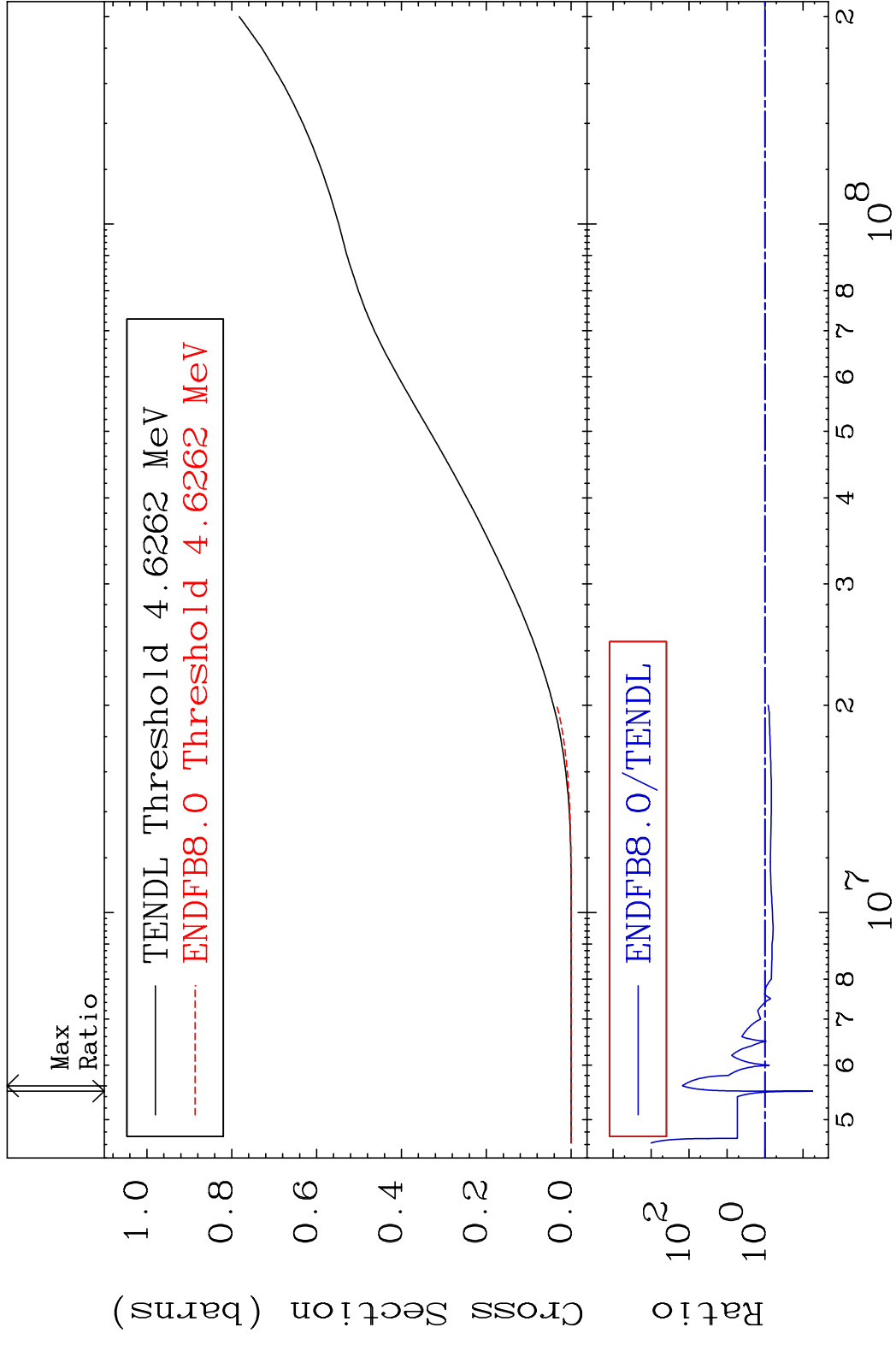
50-Sn-120

MAT 5049

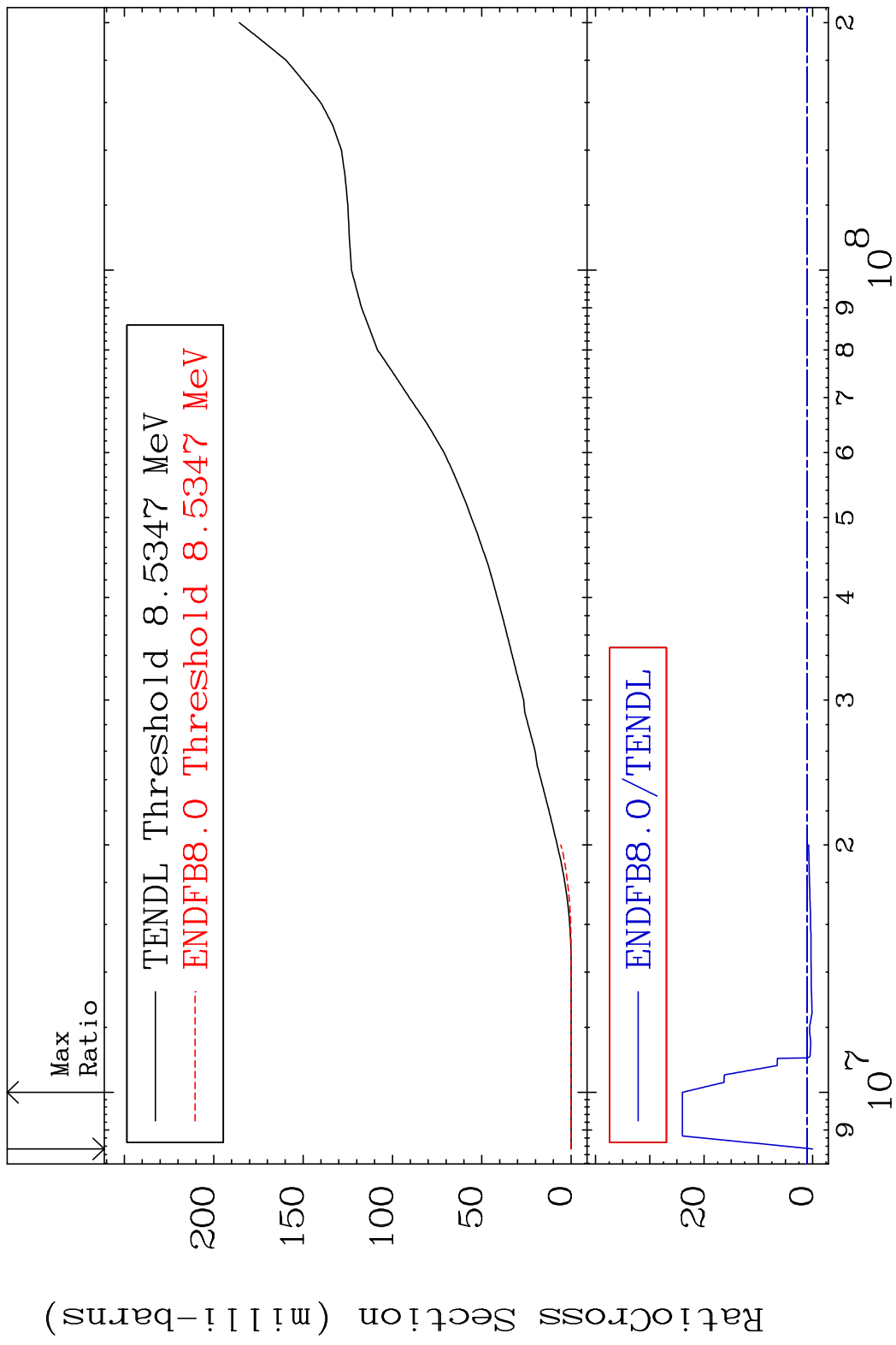
Hydrogen Production

50-Sn-120

Cross Section -94.40 To 9999. %

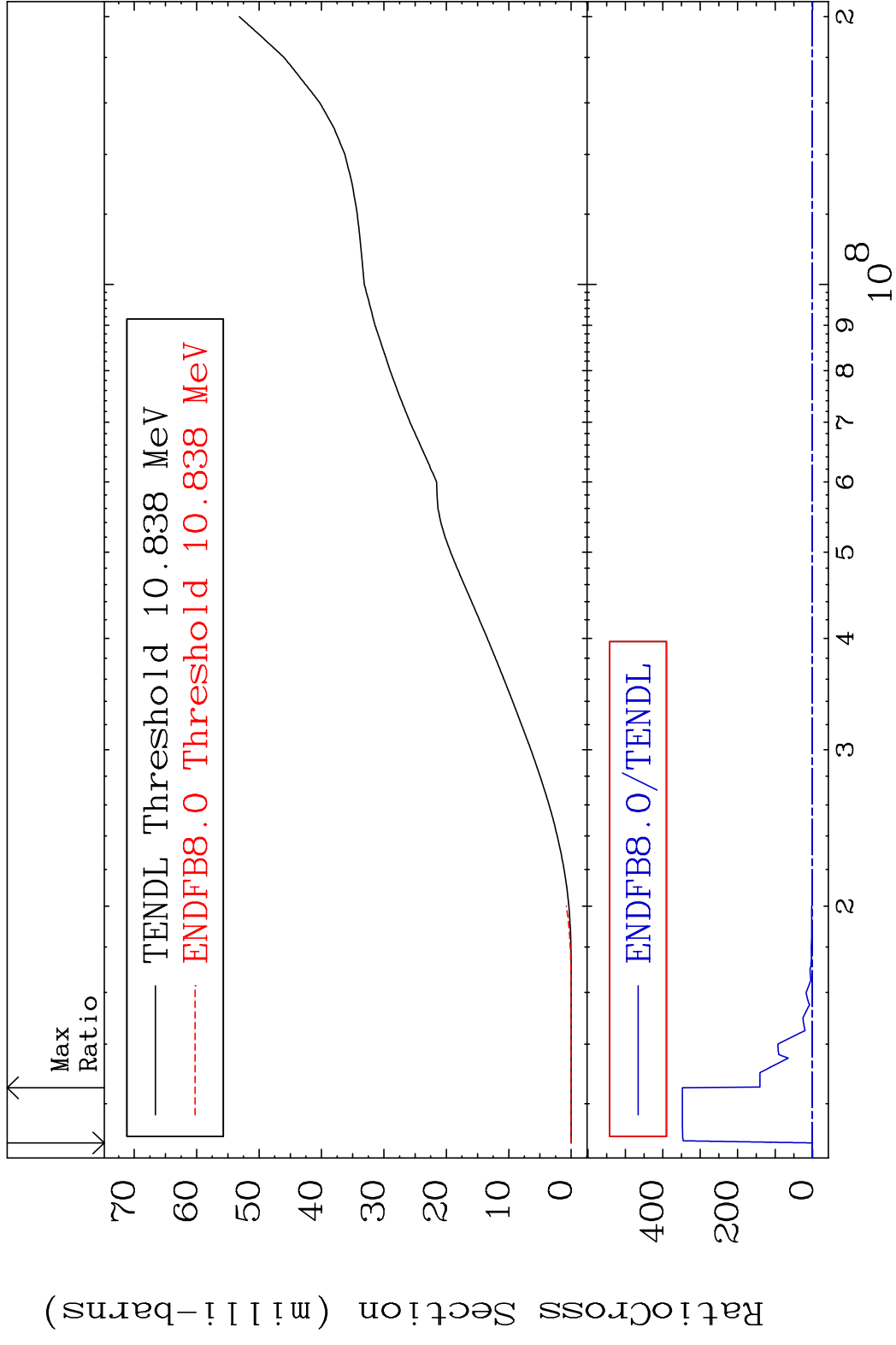


MAT 5049 Deuterium Production 50-Sn-120
 Cross Section -100.0 To 2301. %



43 Incident Energy (eV) 50-Sn-120

MAT 5049 Tritium Production 50-Sn-120
 Cross Section -100.0 To 9999. %

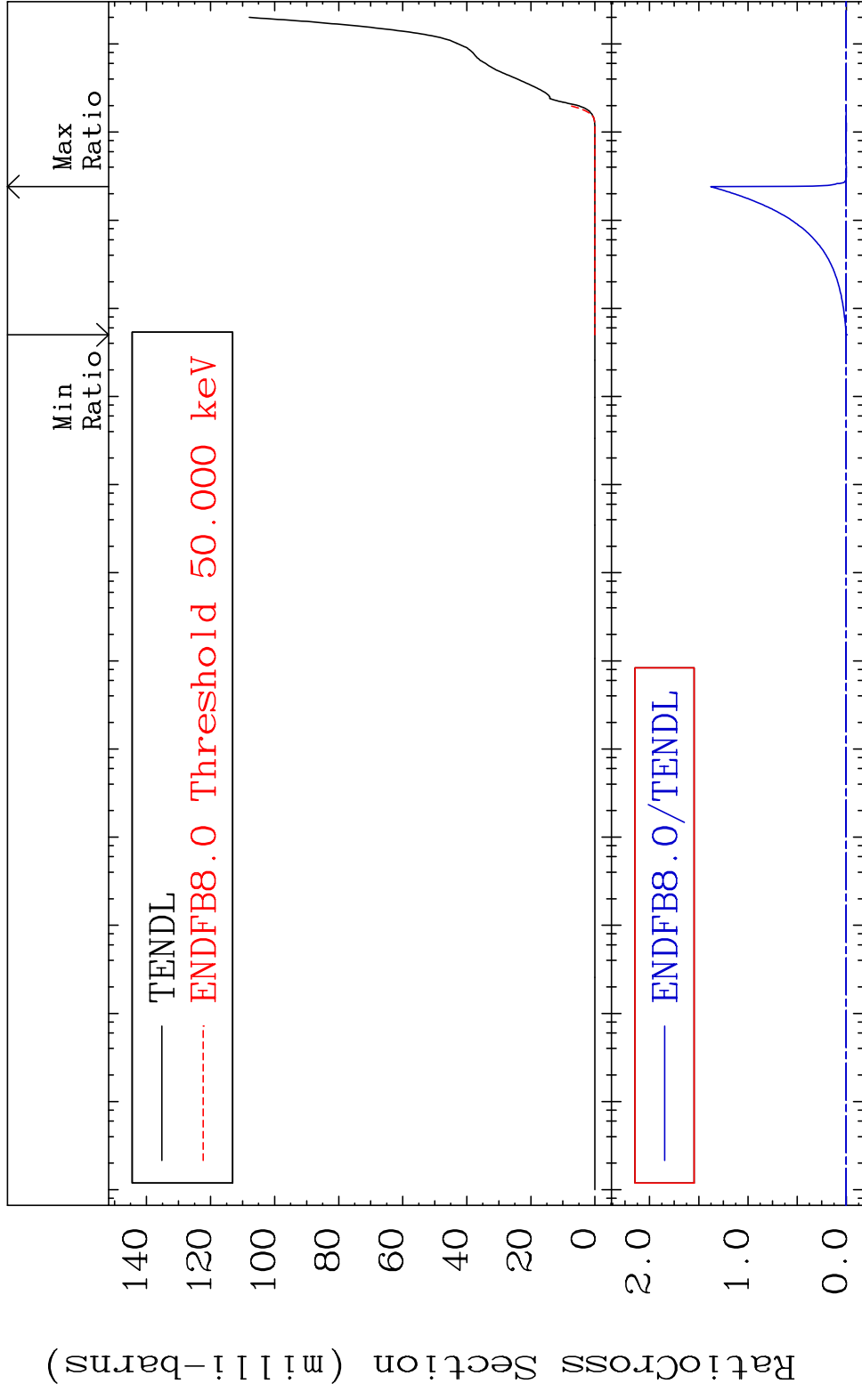


MAT 5049

He-4 Production

50-Sn-120

Cross Section -100.0 To 9999. %

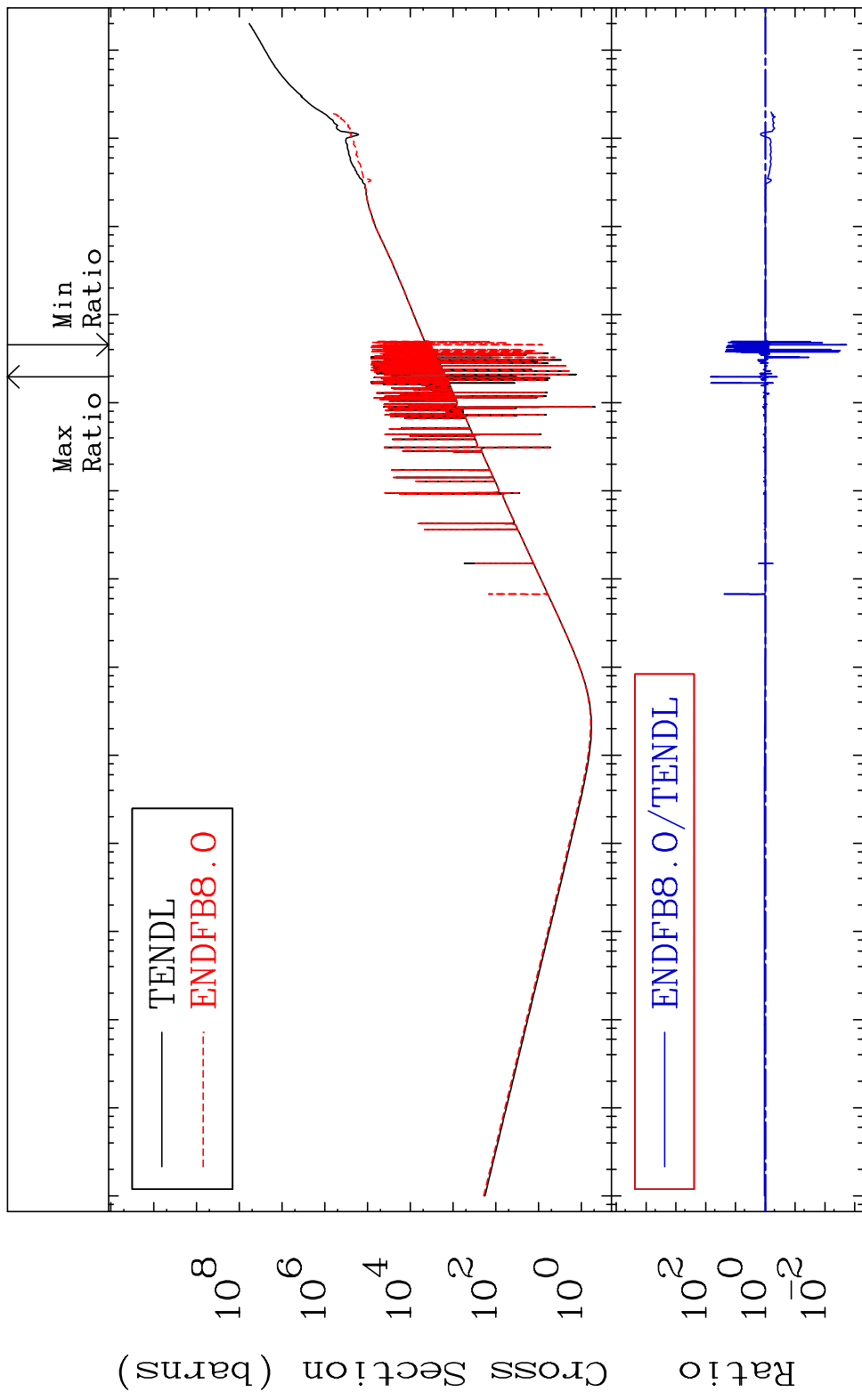


45

Incident Energy (eV)

50-Sn-120

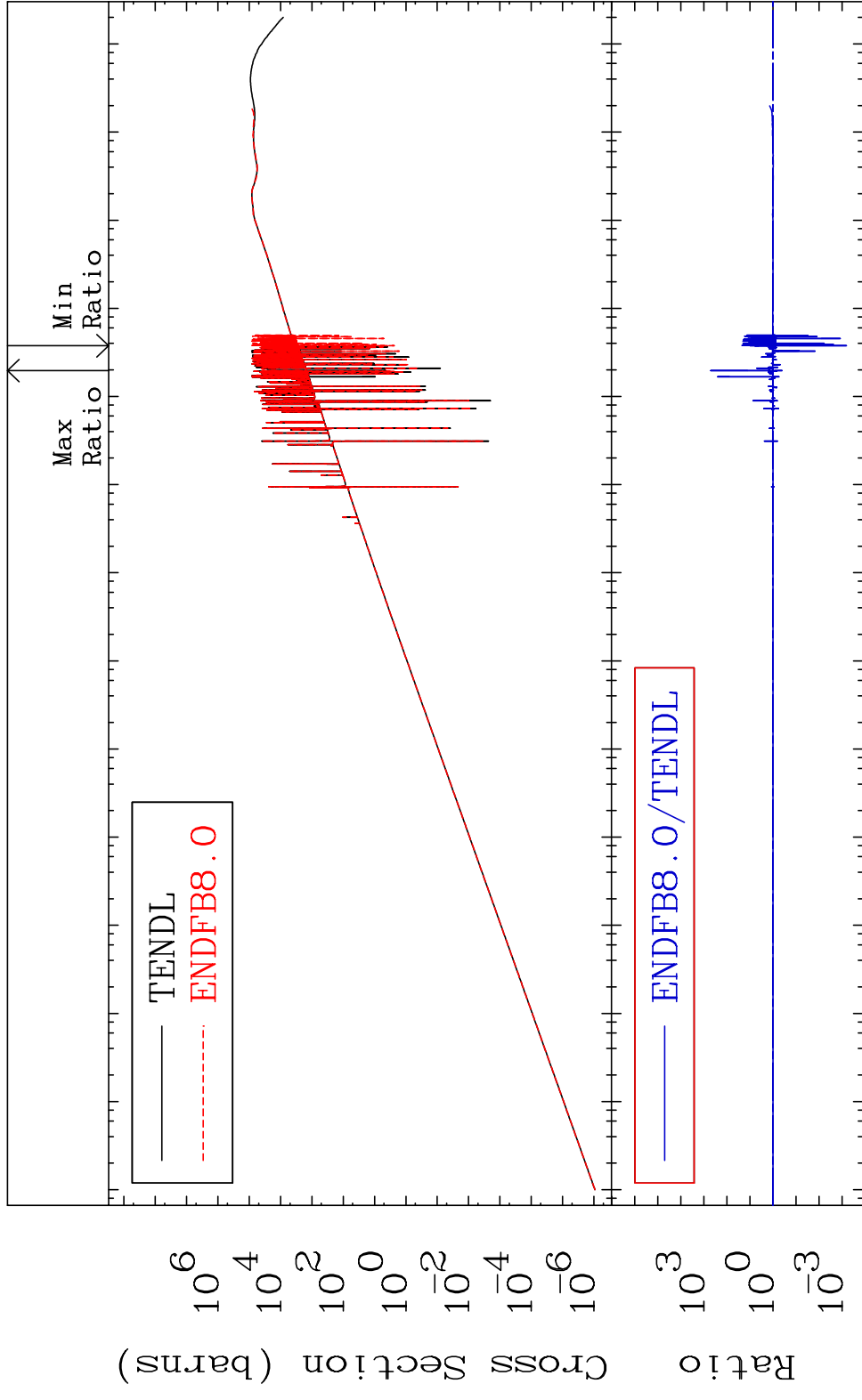
MAT 5049 Kerma total (eV-barns) 50-Sn-120
 Cross Section -99.81 To 6712. %



MAT 5049

Kerma elastic
Cross Section

50-Sn-120
-99.93 To 9999. %

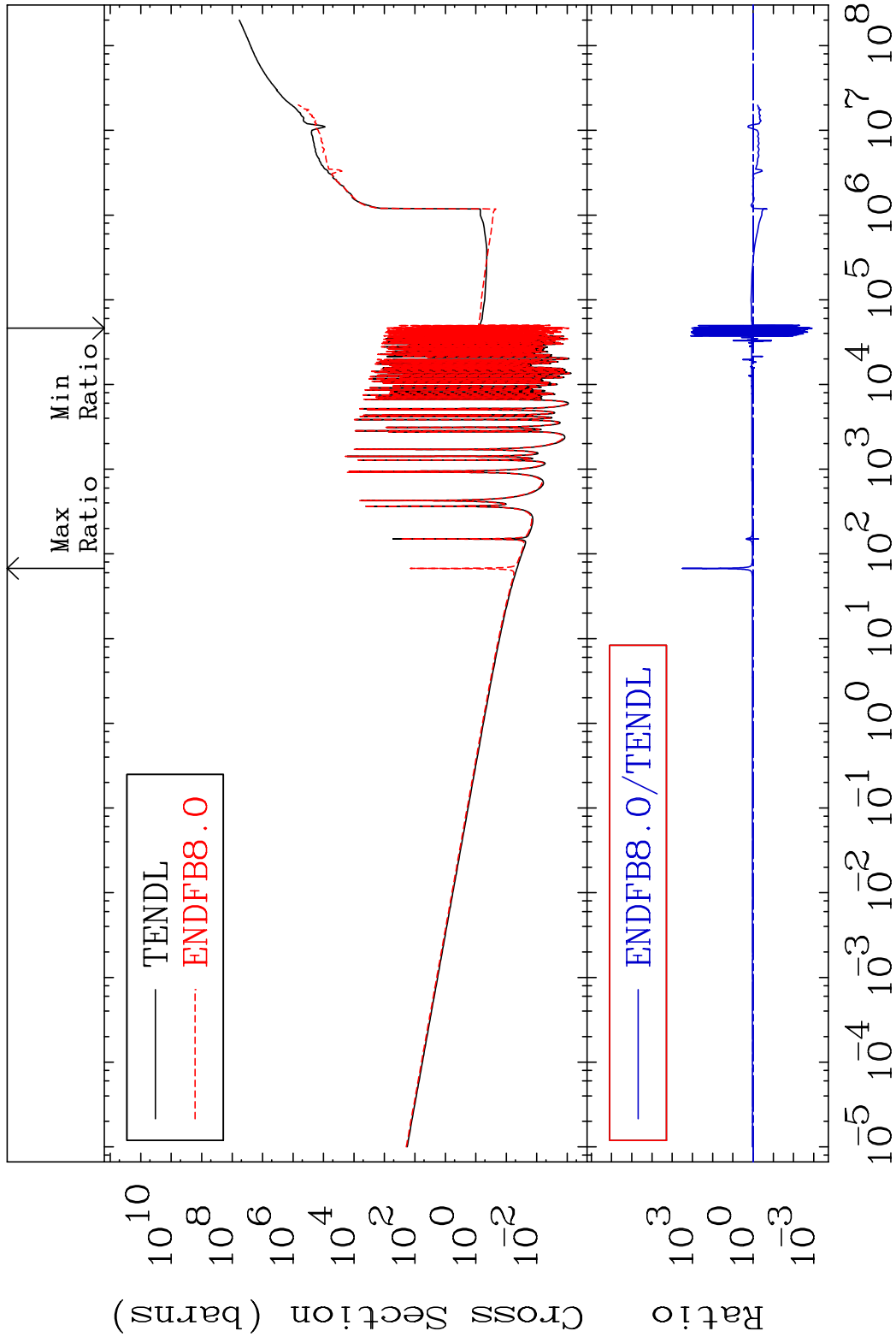


47

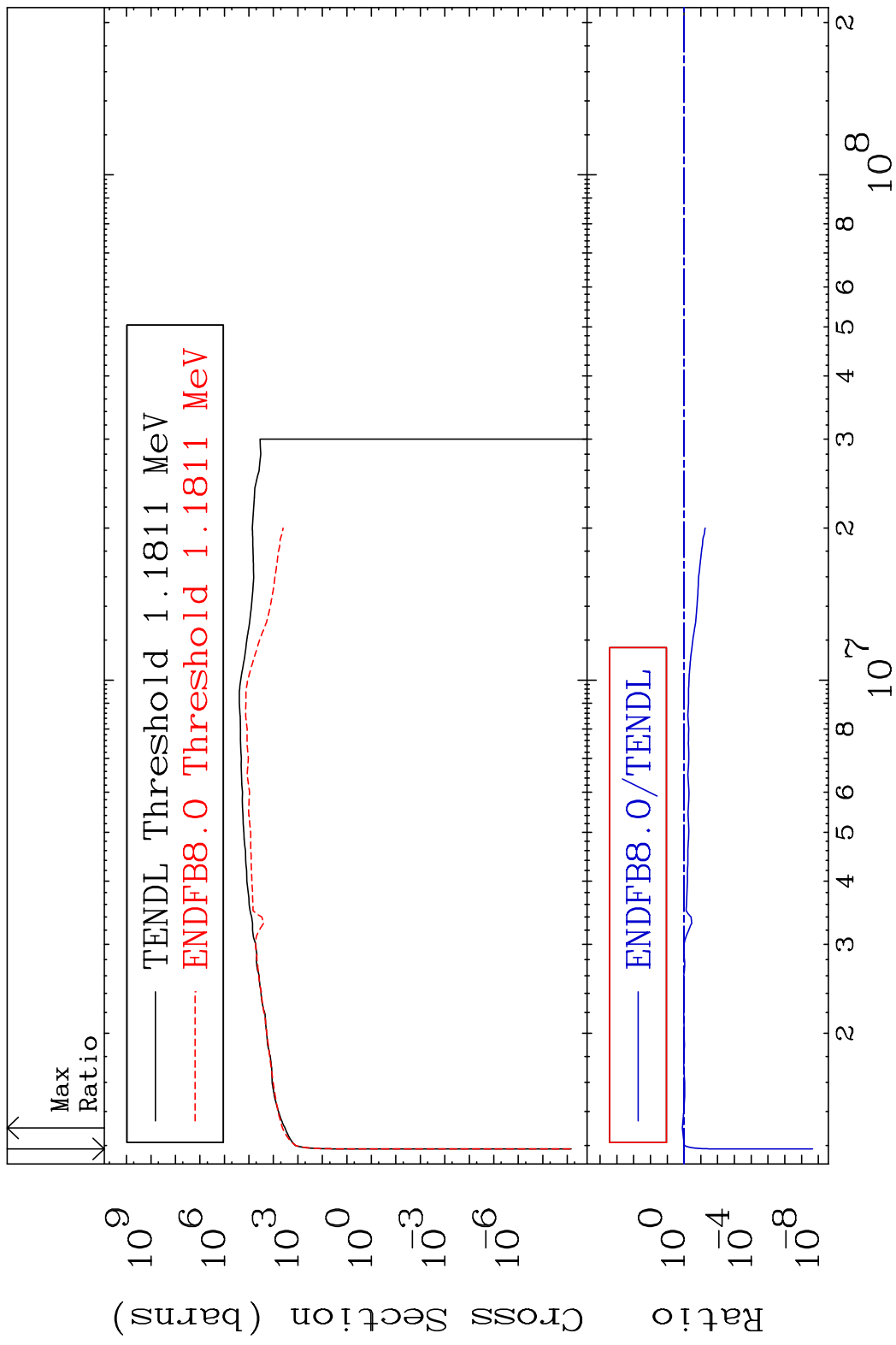
Incident Energy (eV)

50-Sn-120

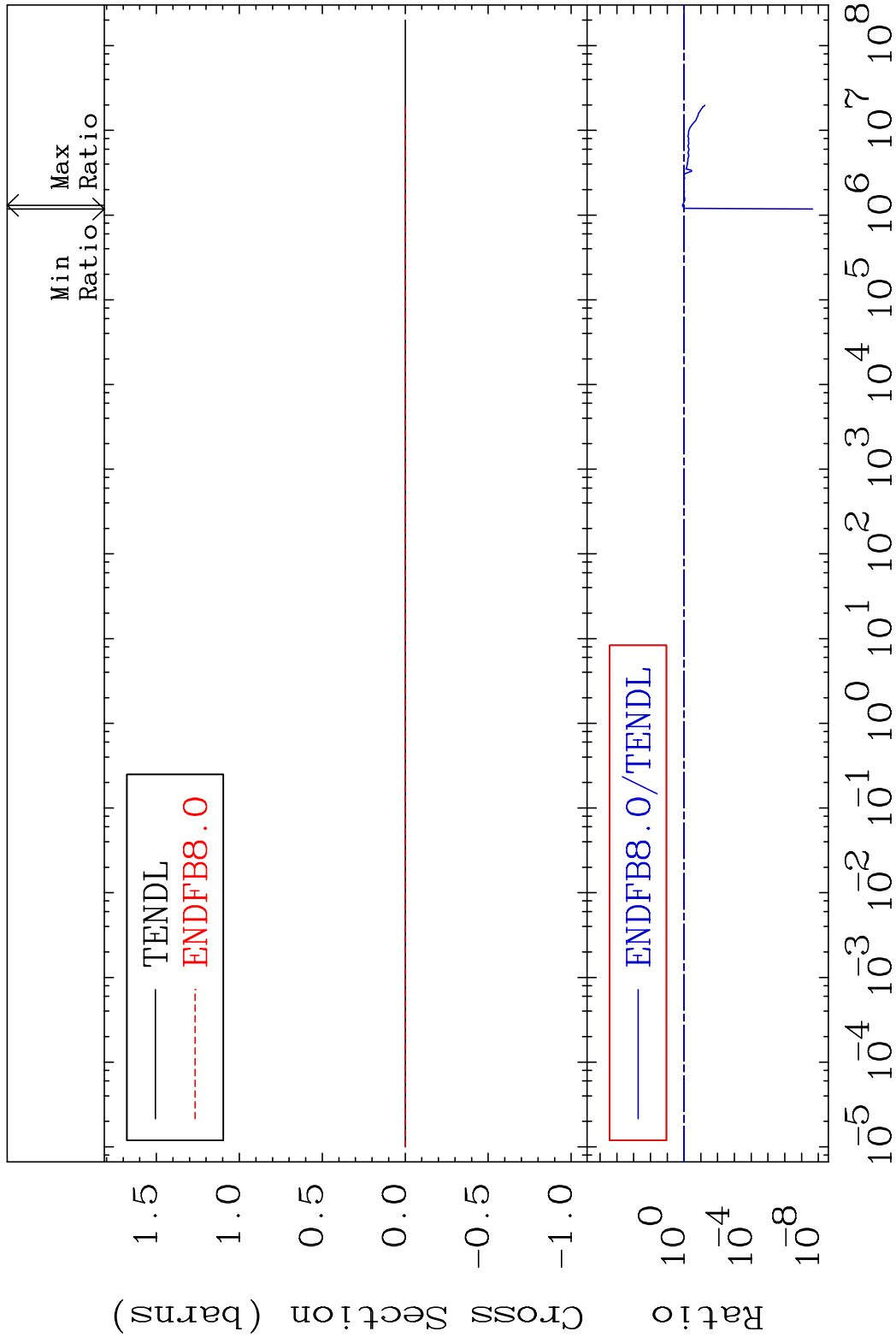
MAT 5049 Kerma non-elastic (all but mt2) 50-Sn-120
 Cross Section -99.89 To 9999. %



MAT 5049 Kerma inelastic (mt51-91) 50-Sn-120
 Cross Section -100.0 To 26.09 %

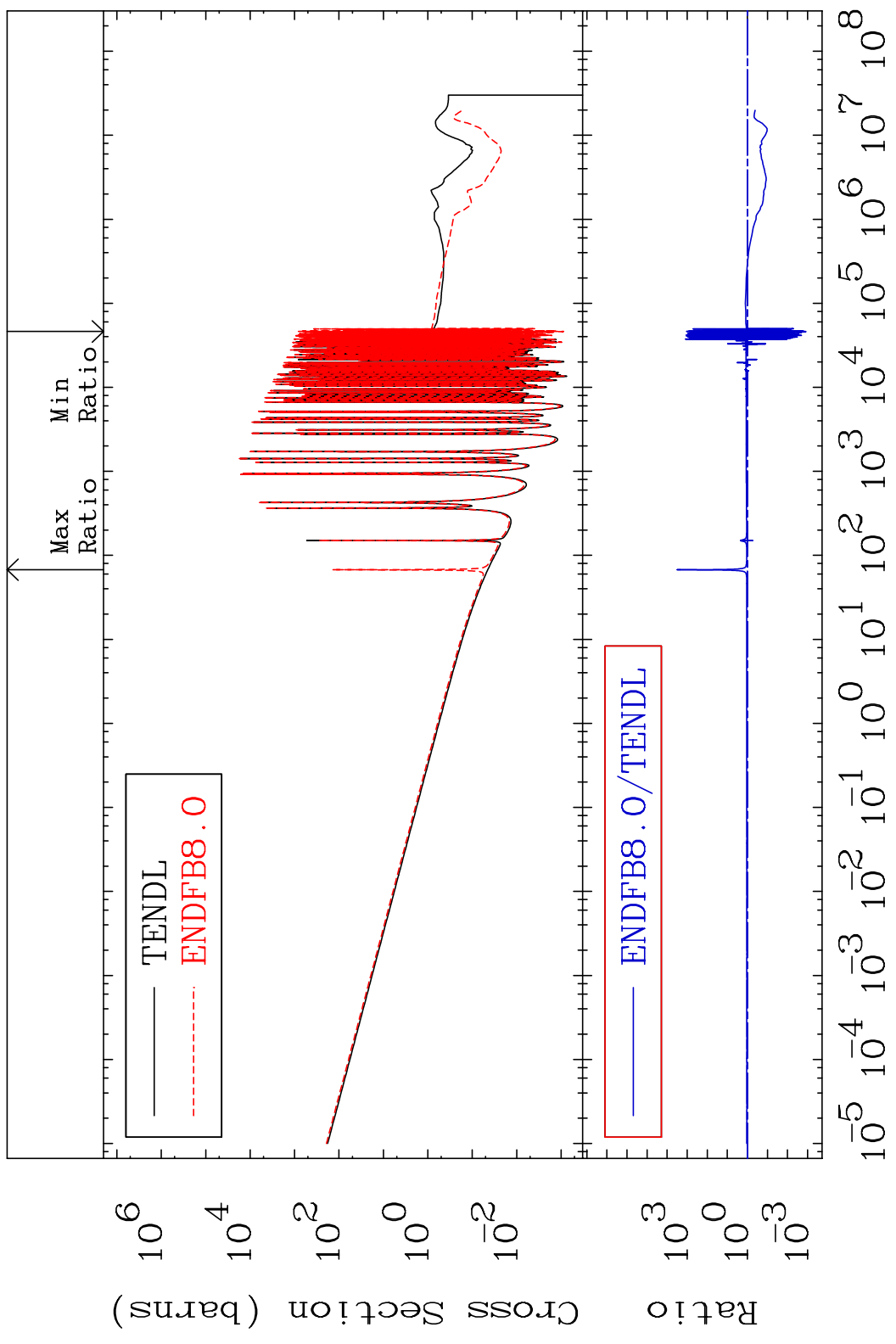


MAT 5049 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-120
 Cross Section -100.0 To 26.09 %

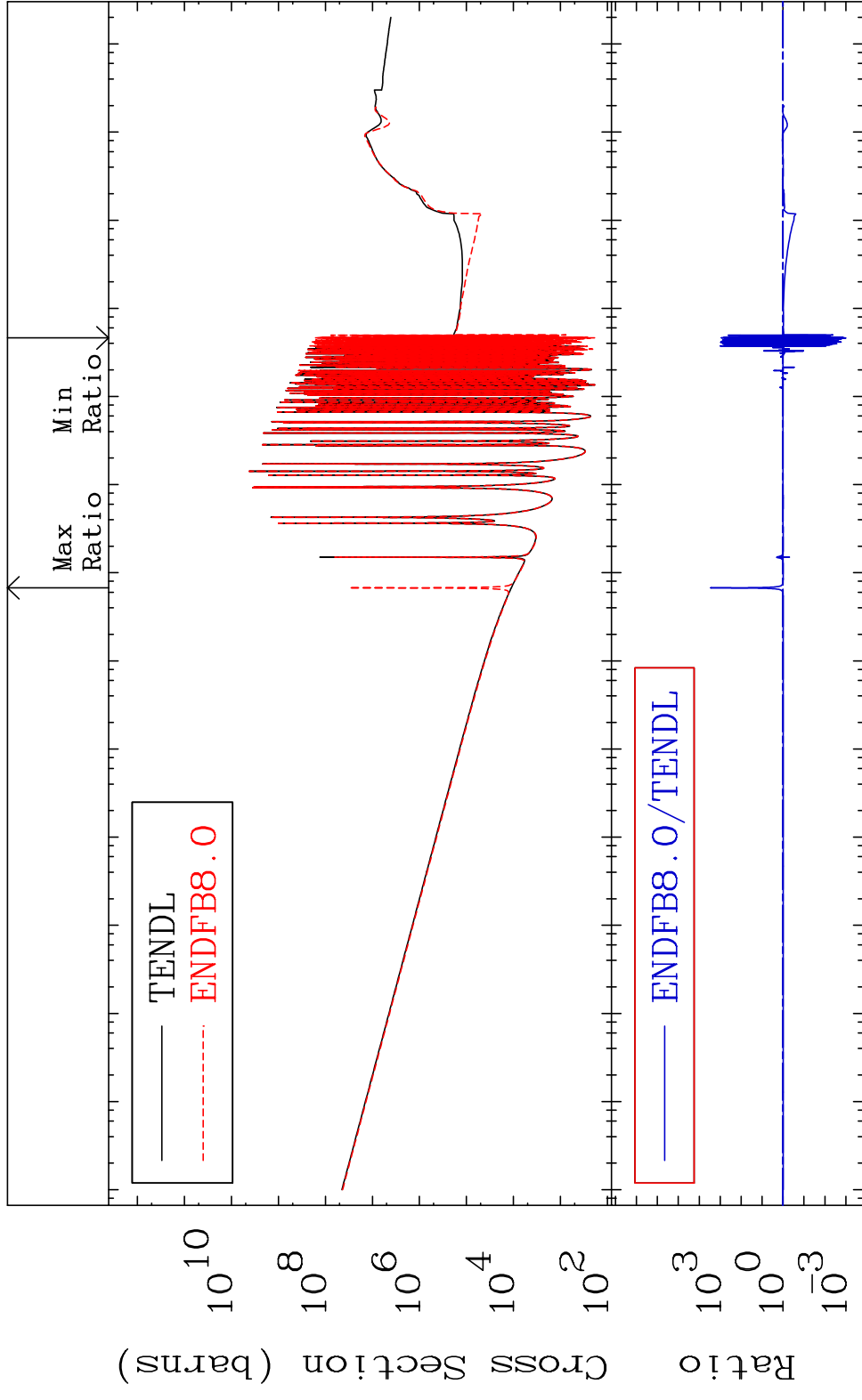


MAT 5049

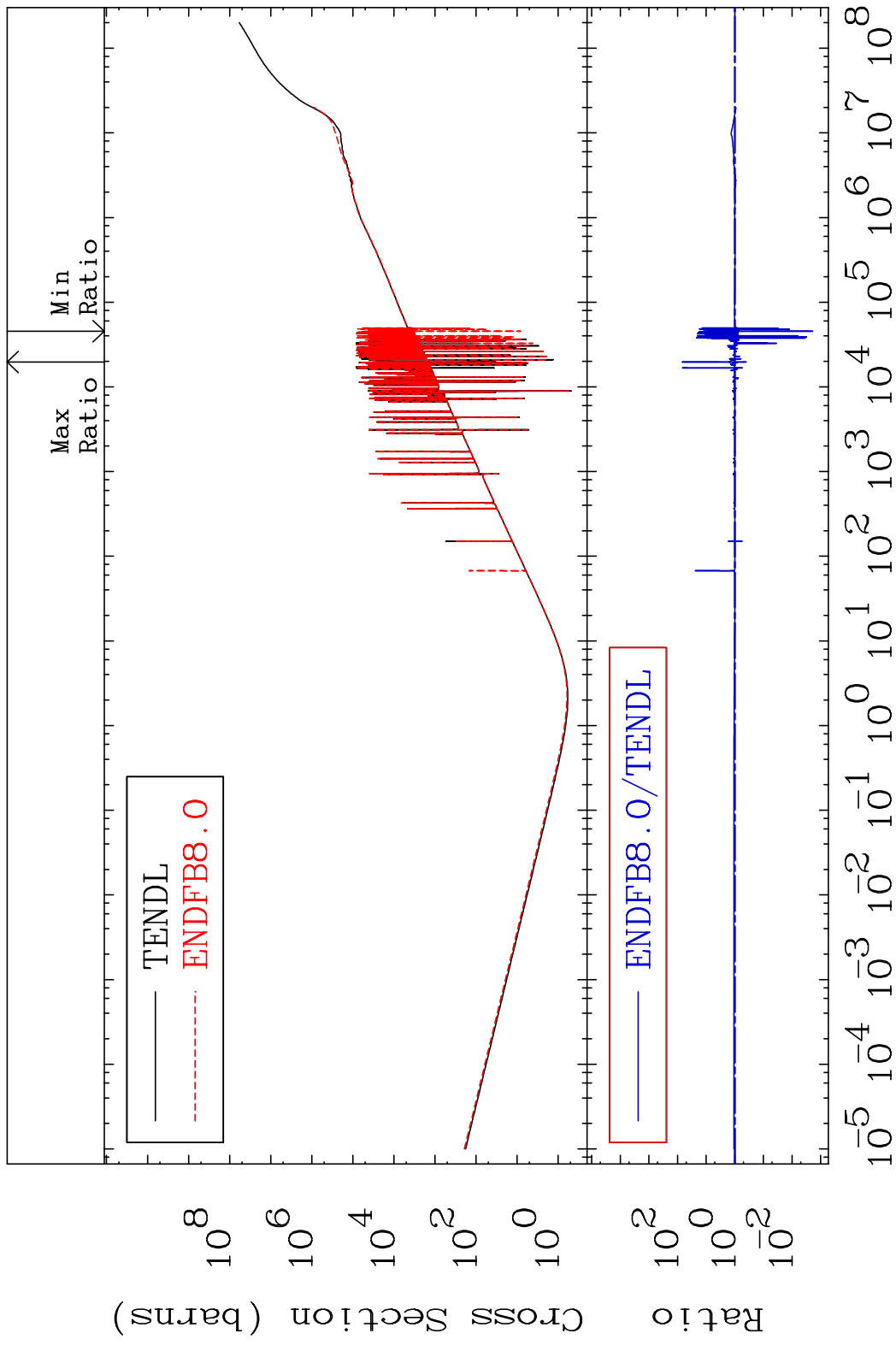
Kerma capture (mt102) 50-Sn-120
Cross Section -99.89 To 9999. %



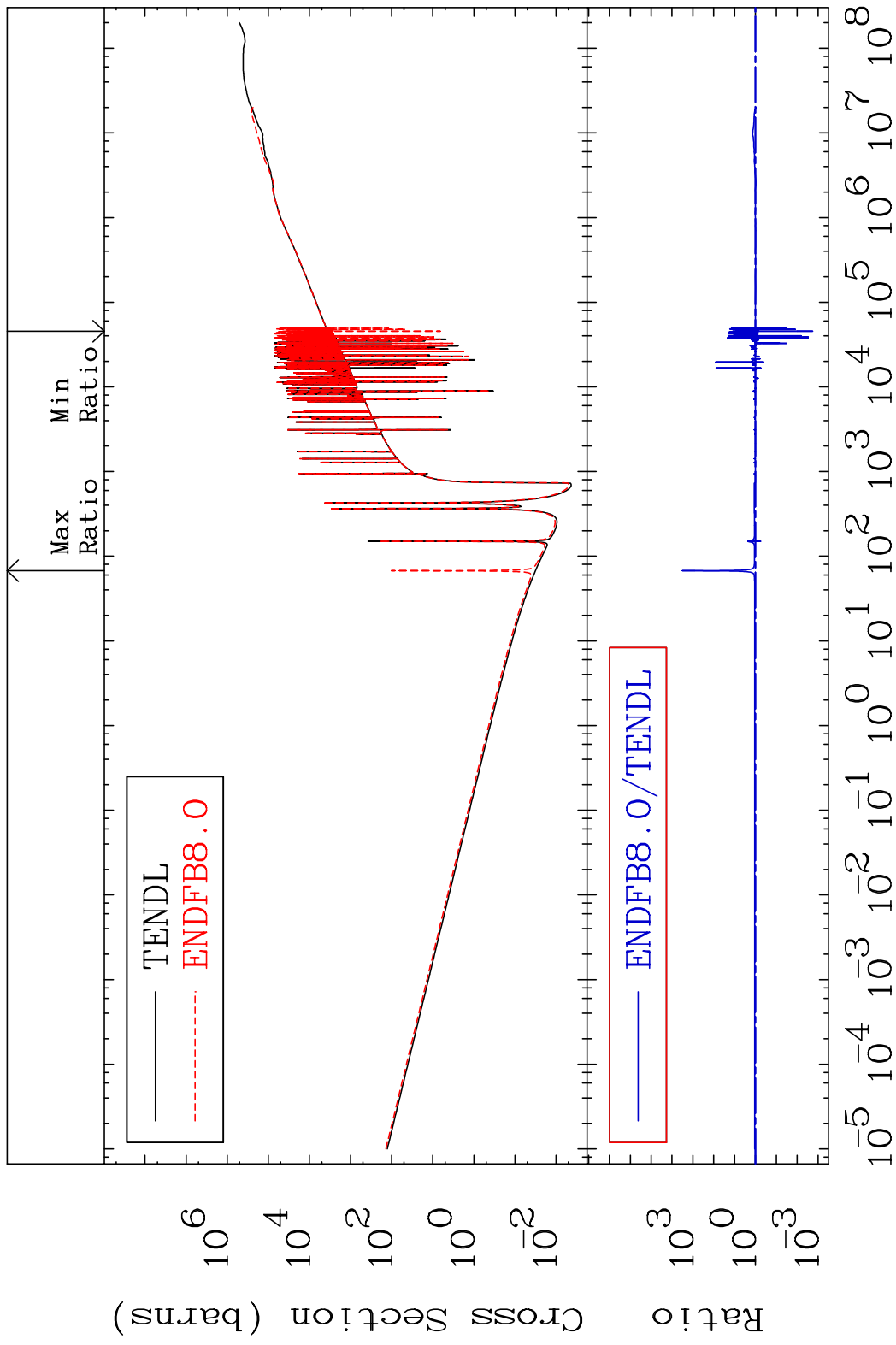
MAT 5049 Total photon (eV-barns) 50-Sn-120
 Cross Section -99.91 To 9999. %



MAT 5049 Total kinematic kerma (high limit) 50-Sn-120
 Cross Section -99.81 To 6712. %



MAT 5049 Dpa total (eV-barns) 50-Sn-120
 Cross Section -99.82 To 9999. %



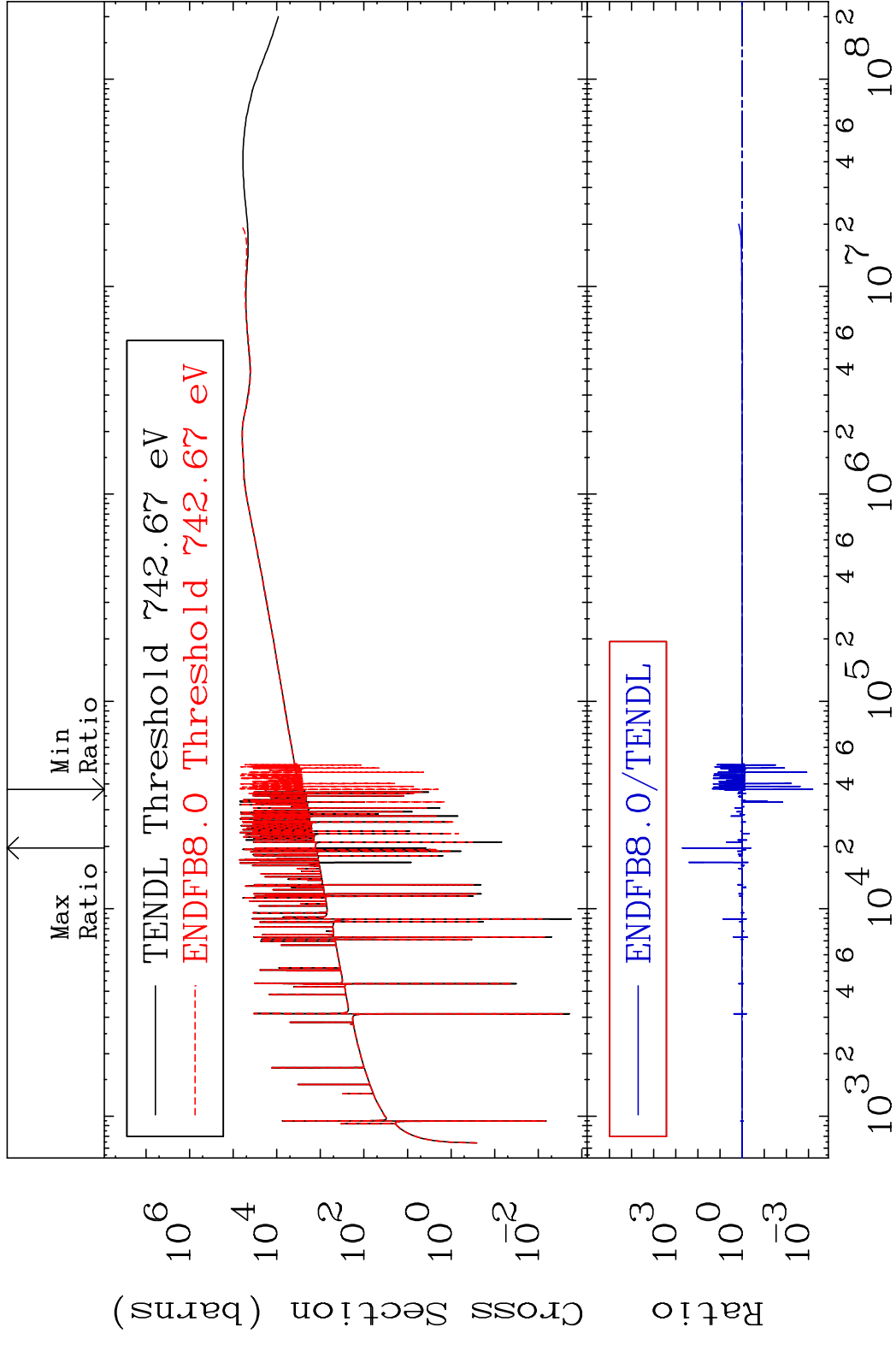
MAT 5049

Dpa elastic (mt2)

50-Sn-120

Cross Section

-99.93 To 9999. %

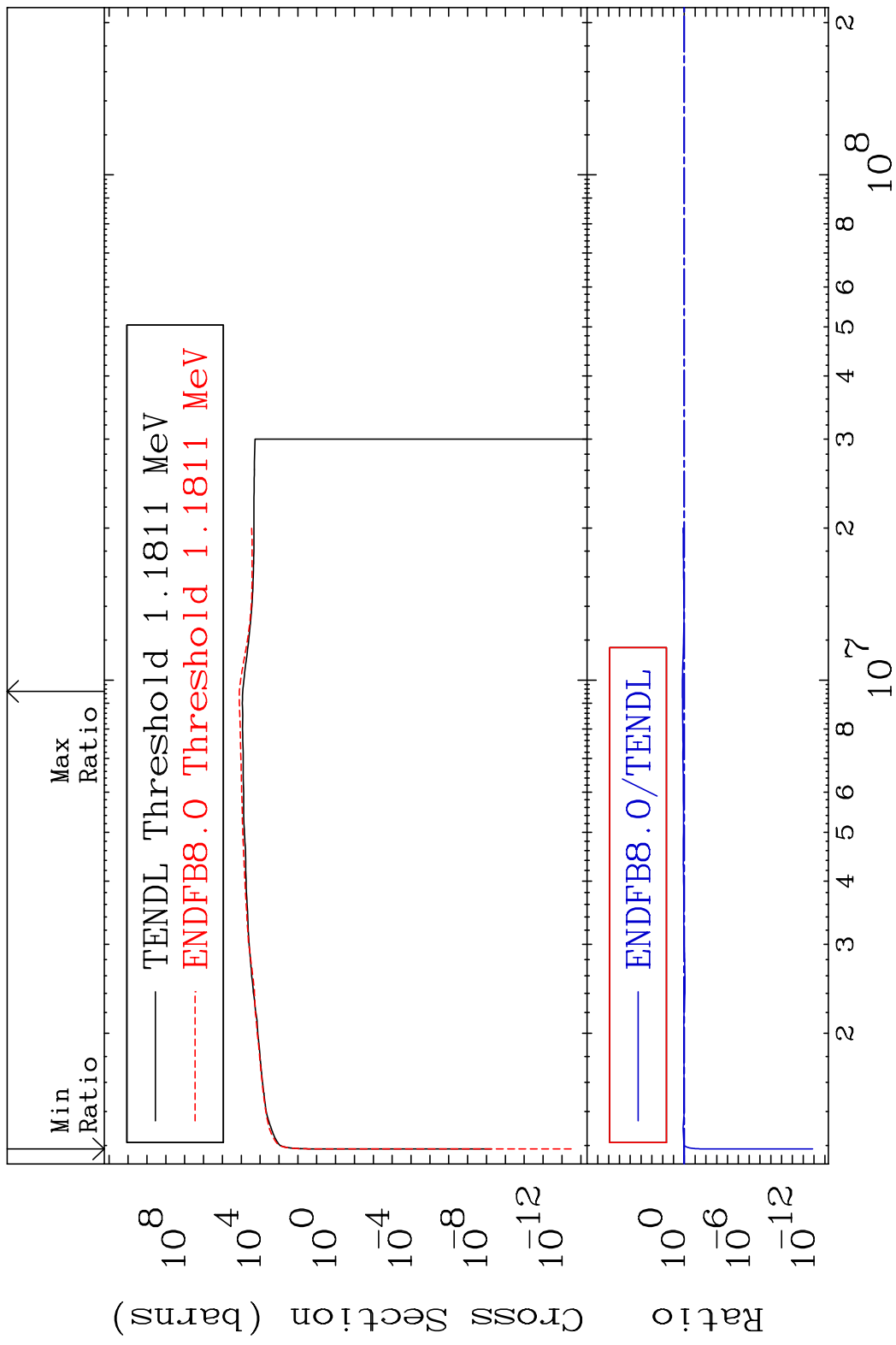


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Incident Energy (eV)

50-Sn-120

MAT 5049 Dpa inelastic (mt51-91) 50-Sn-120
 Cross Section -100.0 To 51.32 %



MAT 5049 Dpa disappearance (mt102 -120) 50-Sn-120
 Cross Section -99.88 To 9999. %

