

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

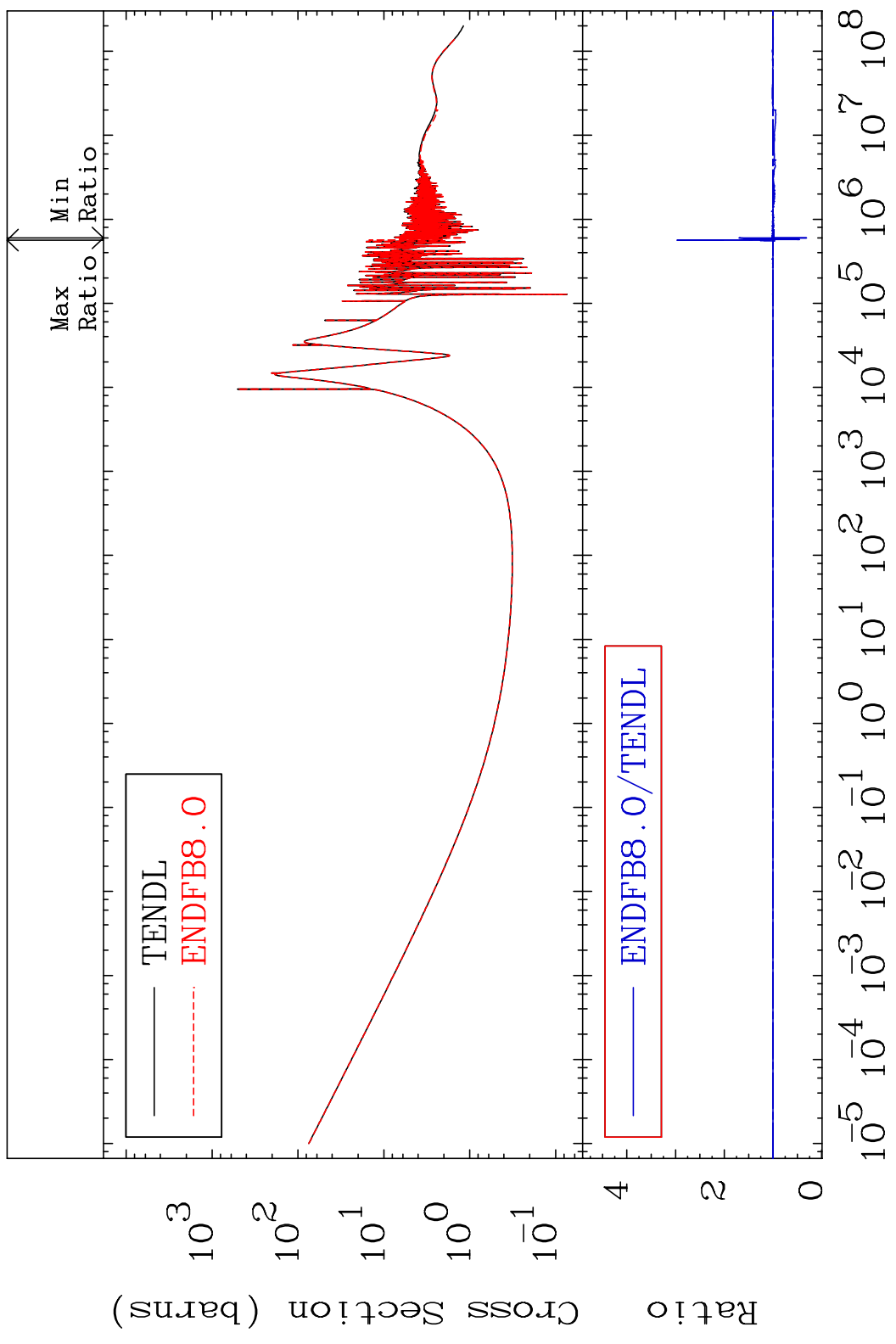
MAT 2843

Total

28-Ni-64

Cross Section

-68.60 To 196.7 %



1

Incident Energy (eV)

28-Ni-64

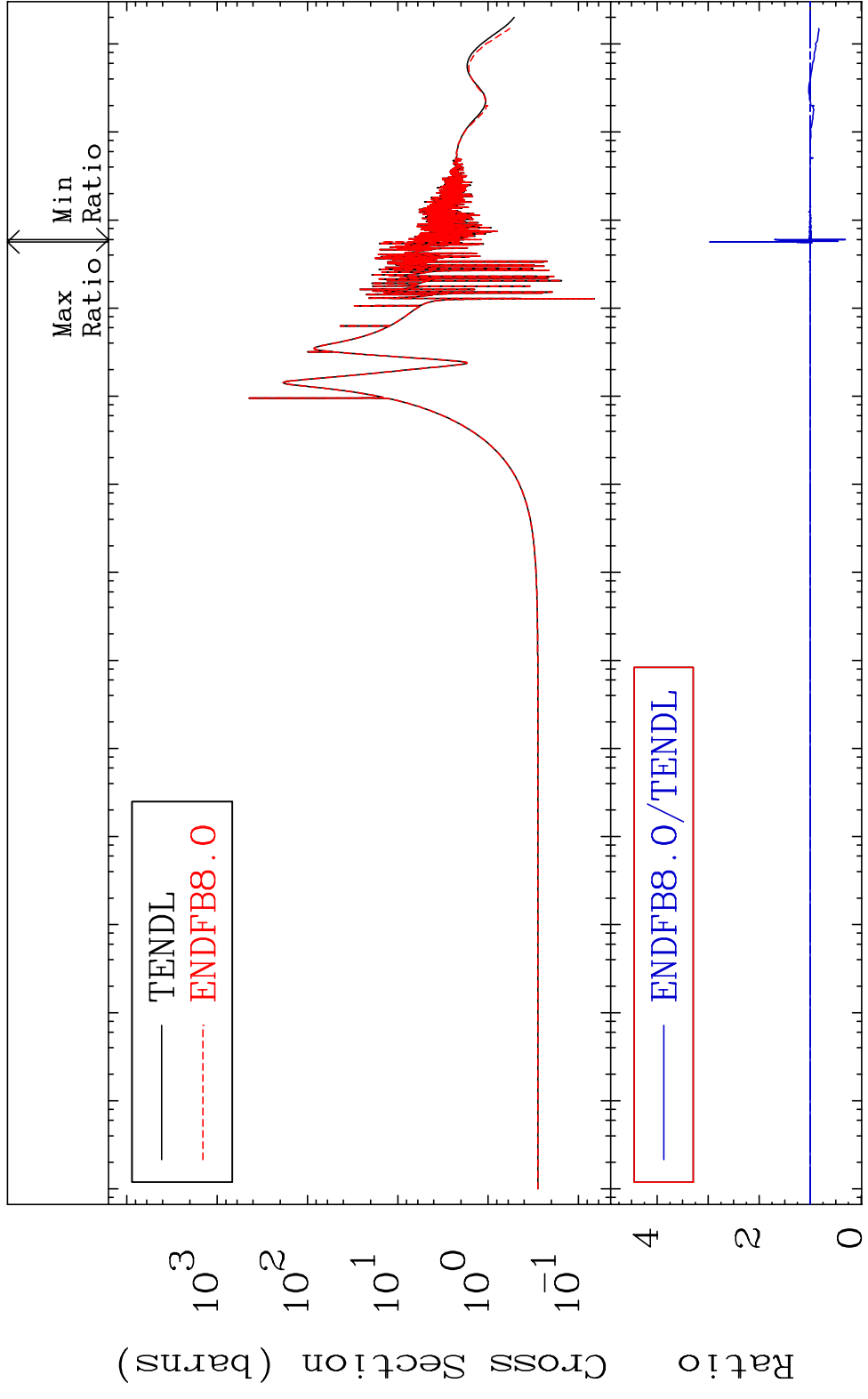
MAT 2843

Elastic

28-Ni-64

Cross Section

-68.66 To 196.8 %

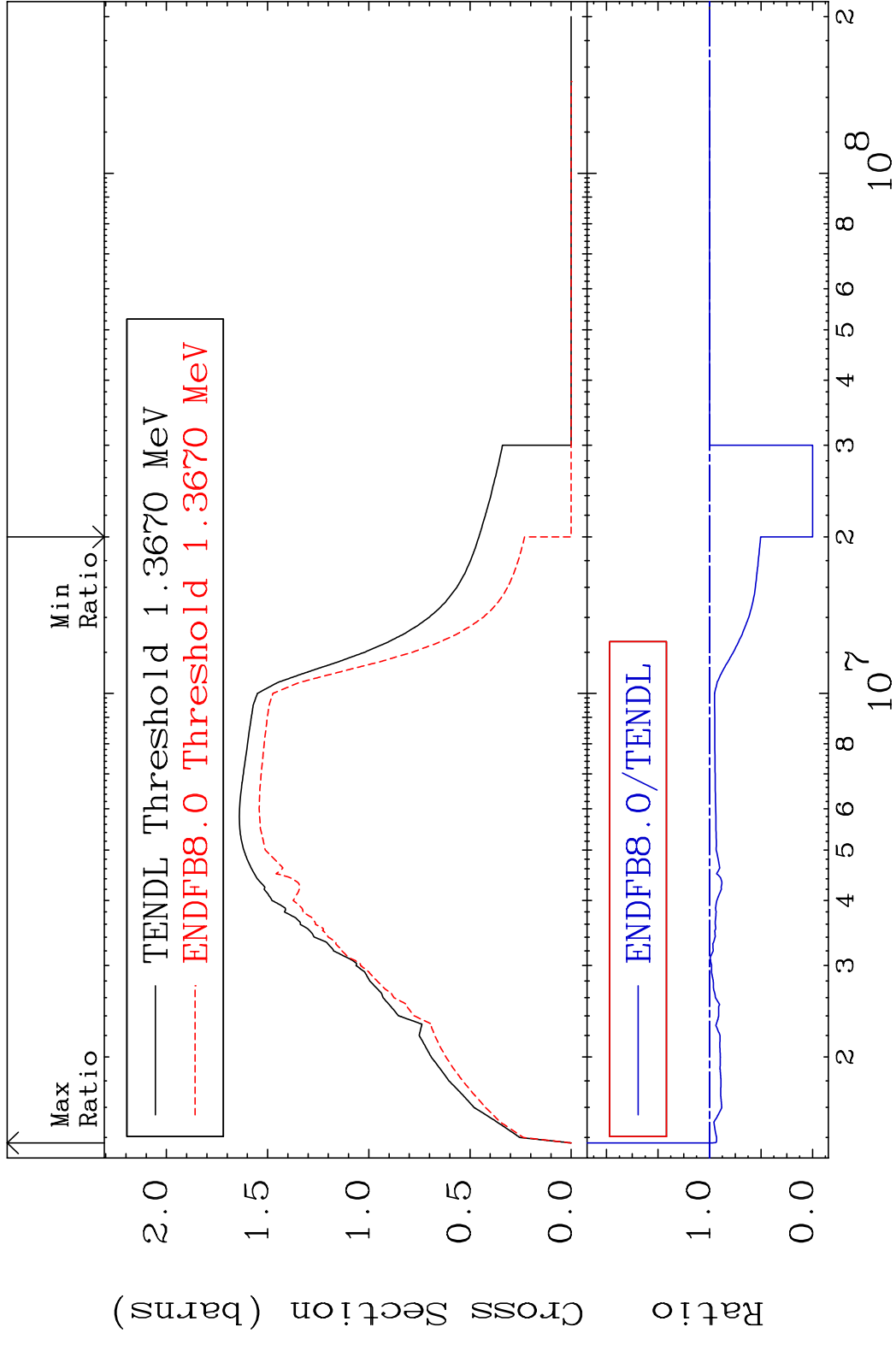


2

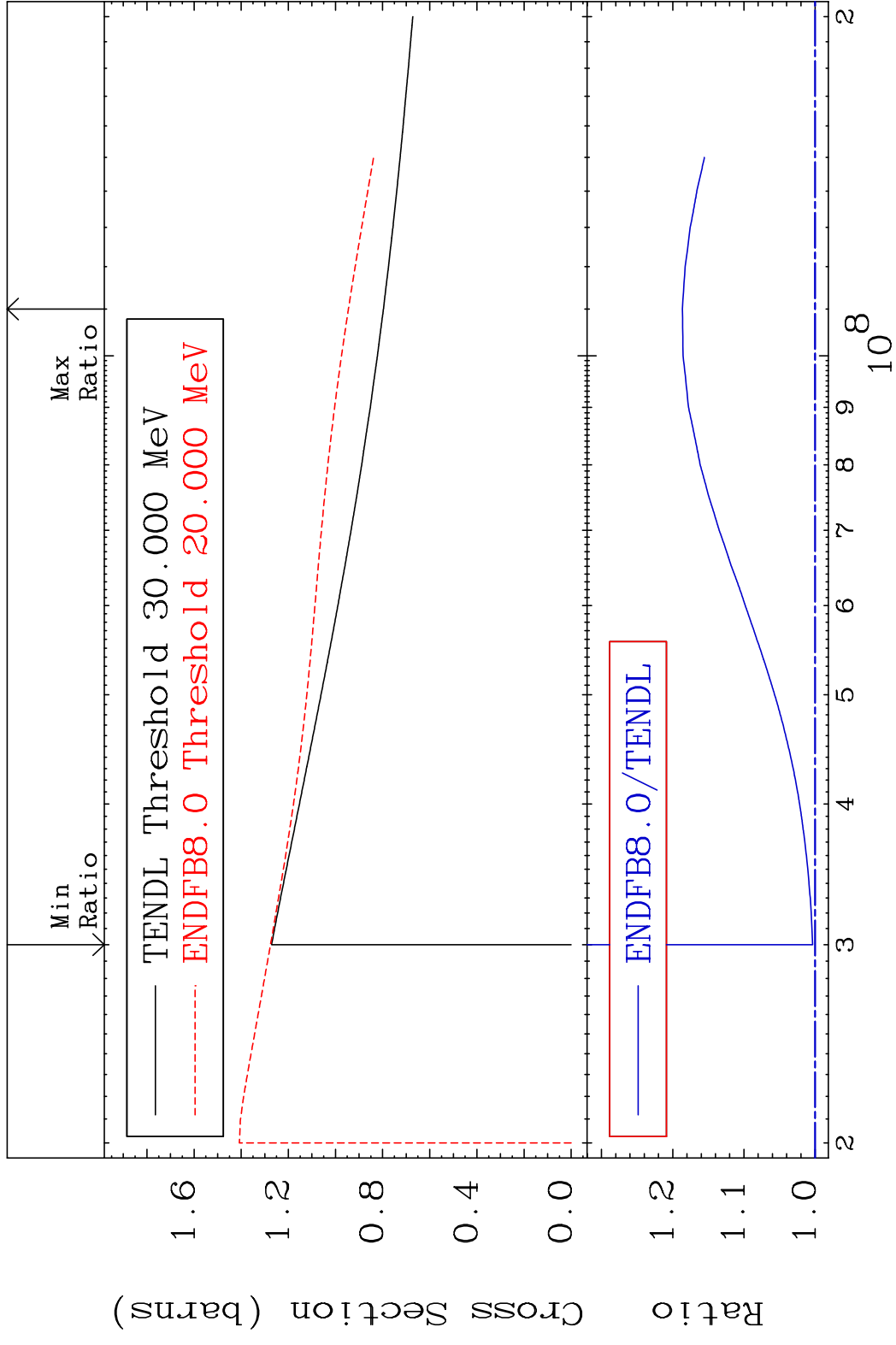
Incident Energy (eV)

28-Ni-64

MAT 2843 Inelastic 28-Ni-64
 Cross Section -100.0 To 26.36 %

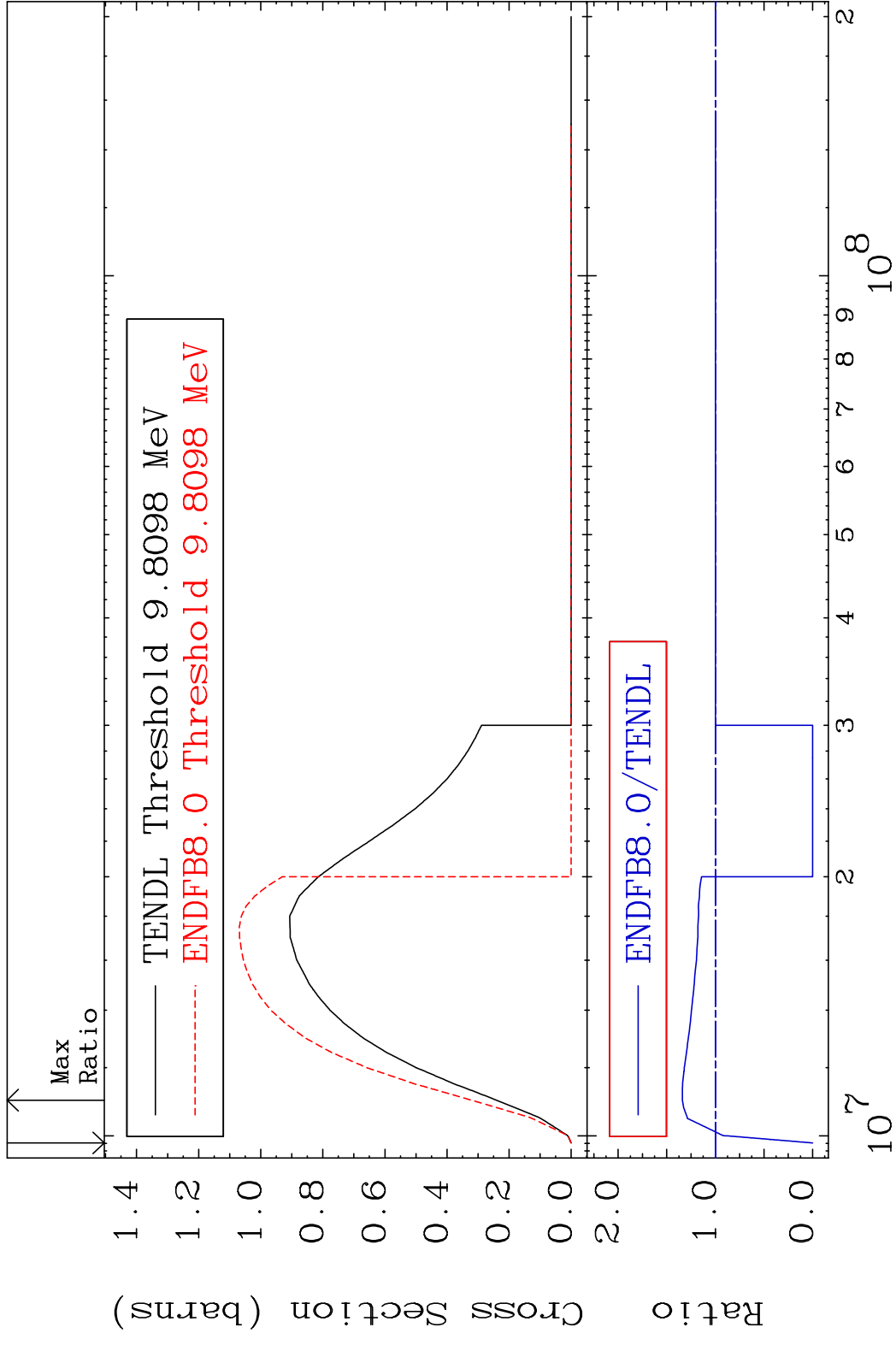


MAT 2843 (n, remainder) 28-Ni-64
 Cross Section 0.364 To 18.65 %



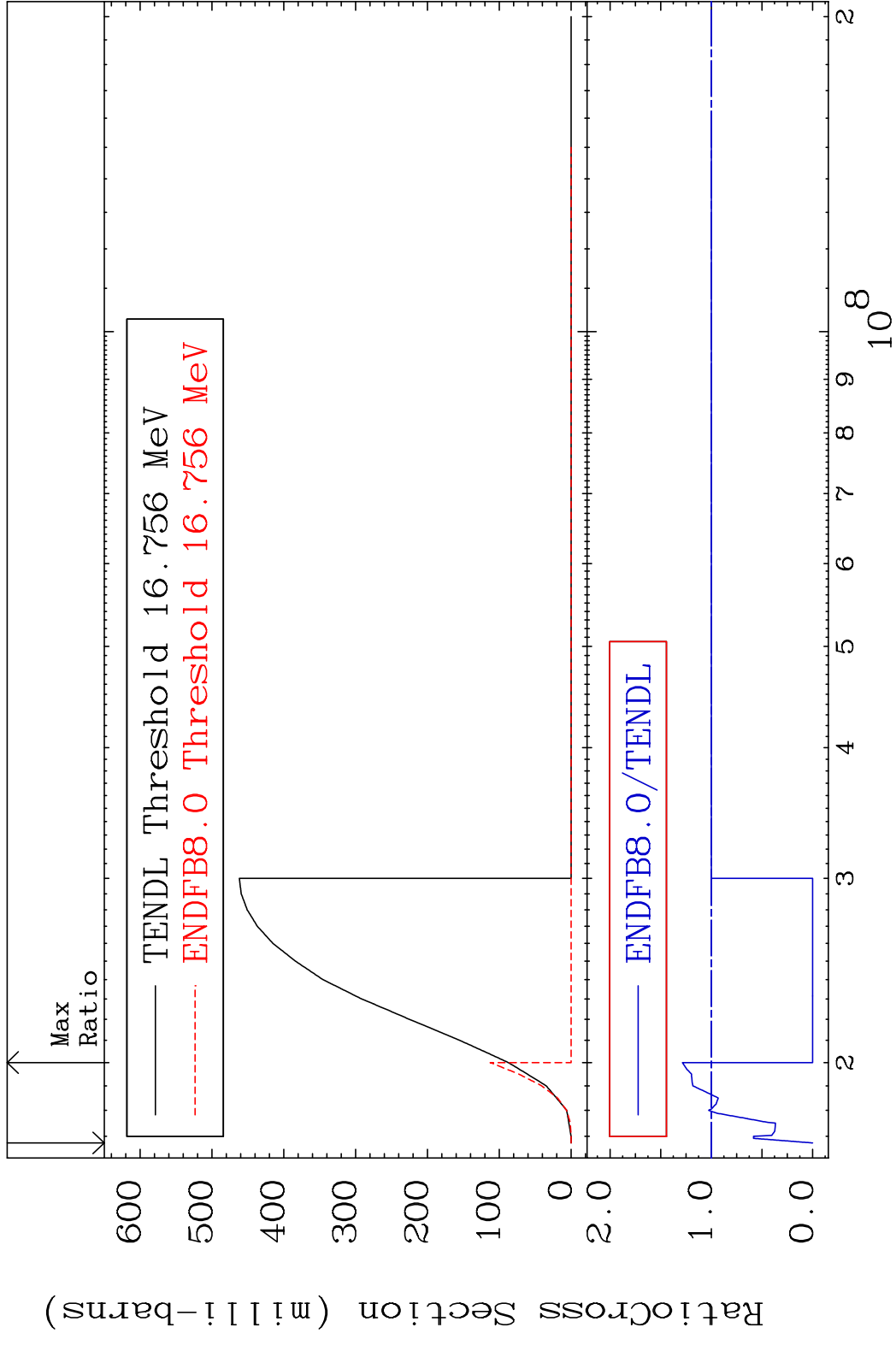
4 Incident Energy (eV) 28-Ni-64

MAT 2843 (n,2n) 28-Ni-64
 Cross Section -100.0 To 33.95 %

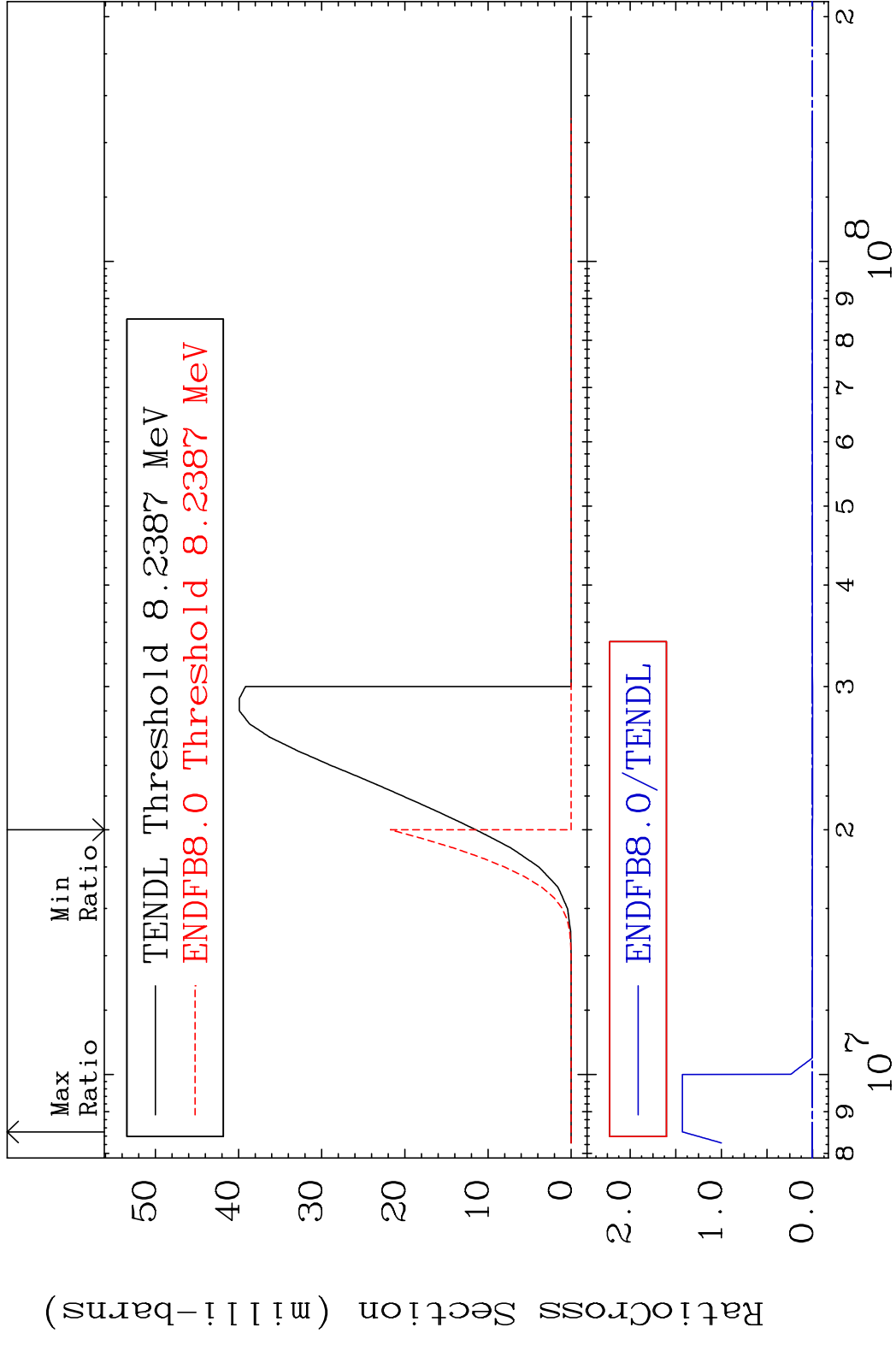


5 Incident Energy (eV) 28-Ni-64

MAT 2843 (n,3n) 28-Ni-64
 Cross Section -100.0 To 28.58 %

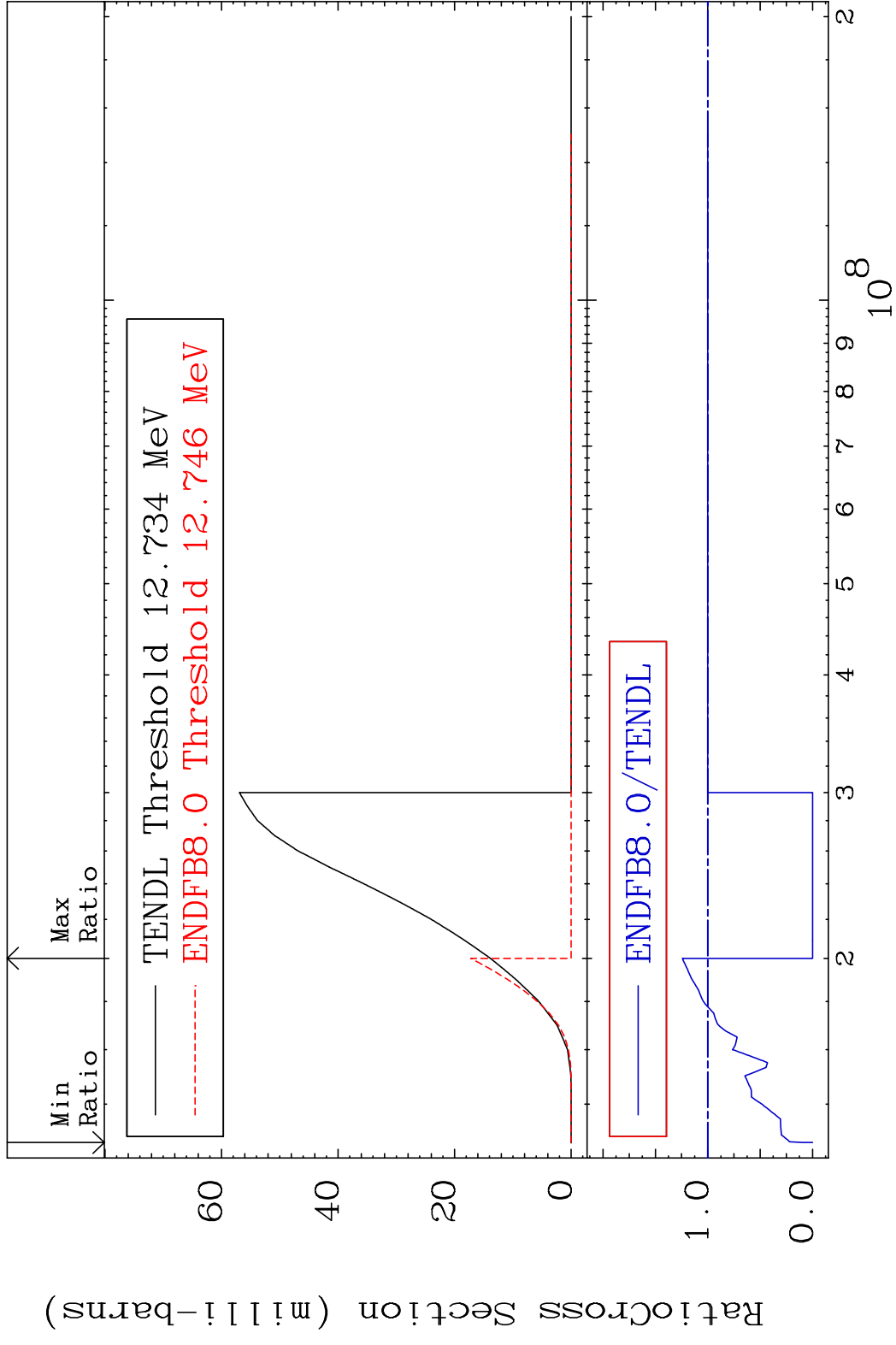


MAT 2843 (n, n') α 28-Ni-64
 Cross Section -100.0 To 9999. %



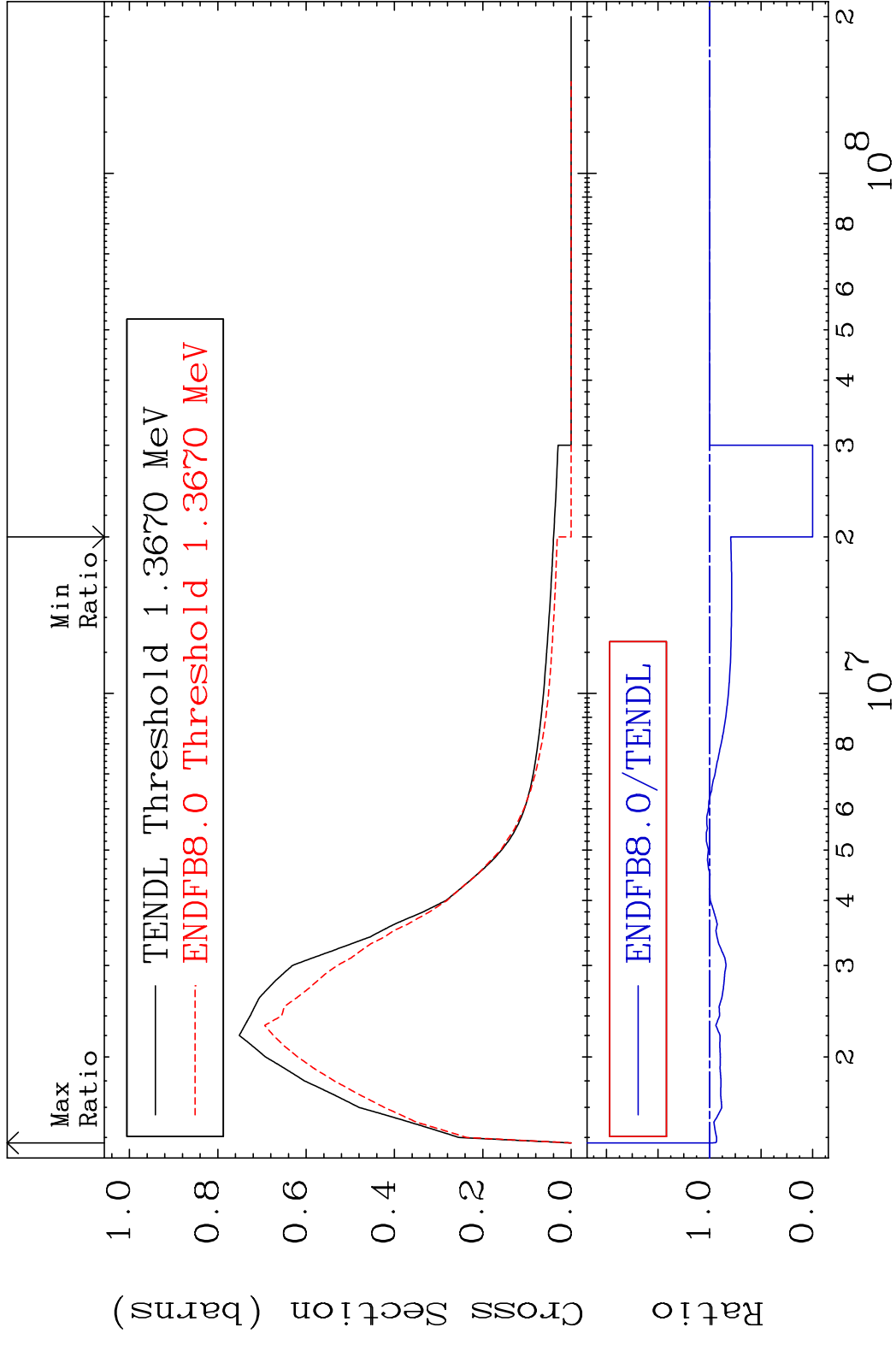
7 8 9 7 8 9 10 8 2 28-Ni-64

MAT 2843 (n, n') p 28-Ni-64
 Cross Section -100.0 To 24.25 %



8 Incident Energy (eV) 28-Ni-64

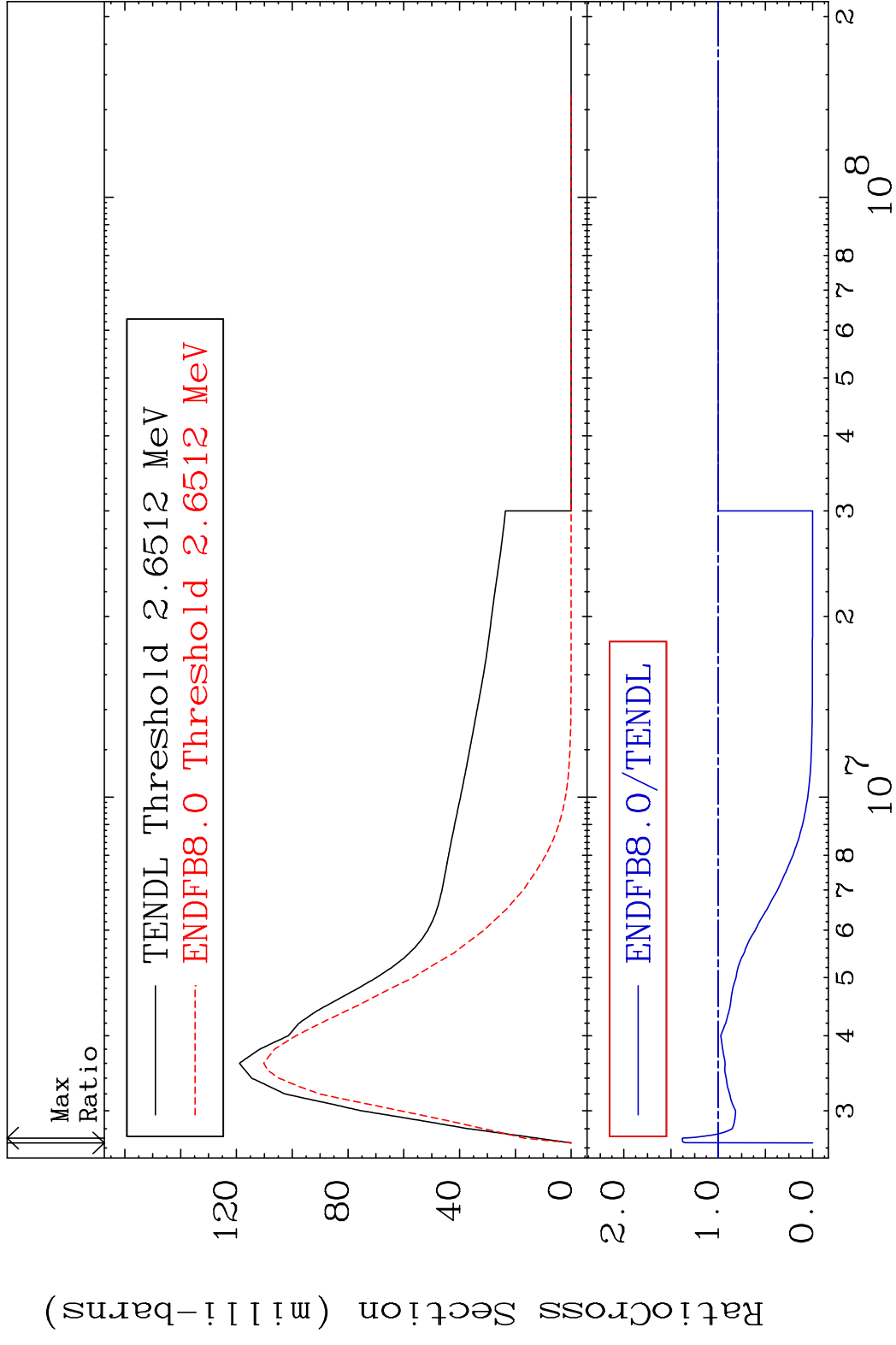
MAT 2843 MT= 51 (n, n') Level 28-Ni-64
 Cross Section -100.0 To 26.36 %



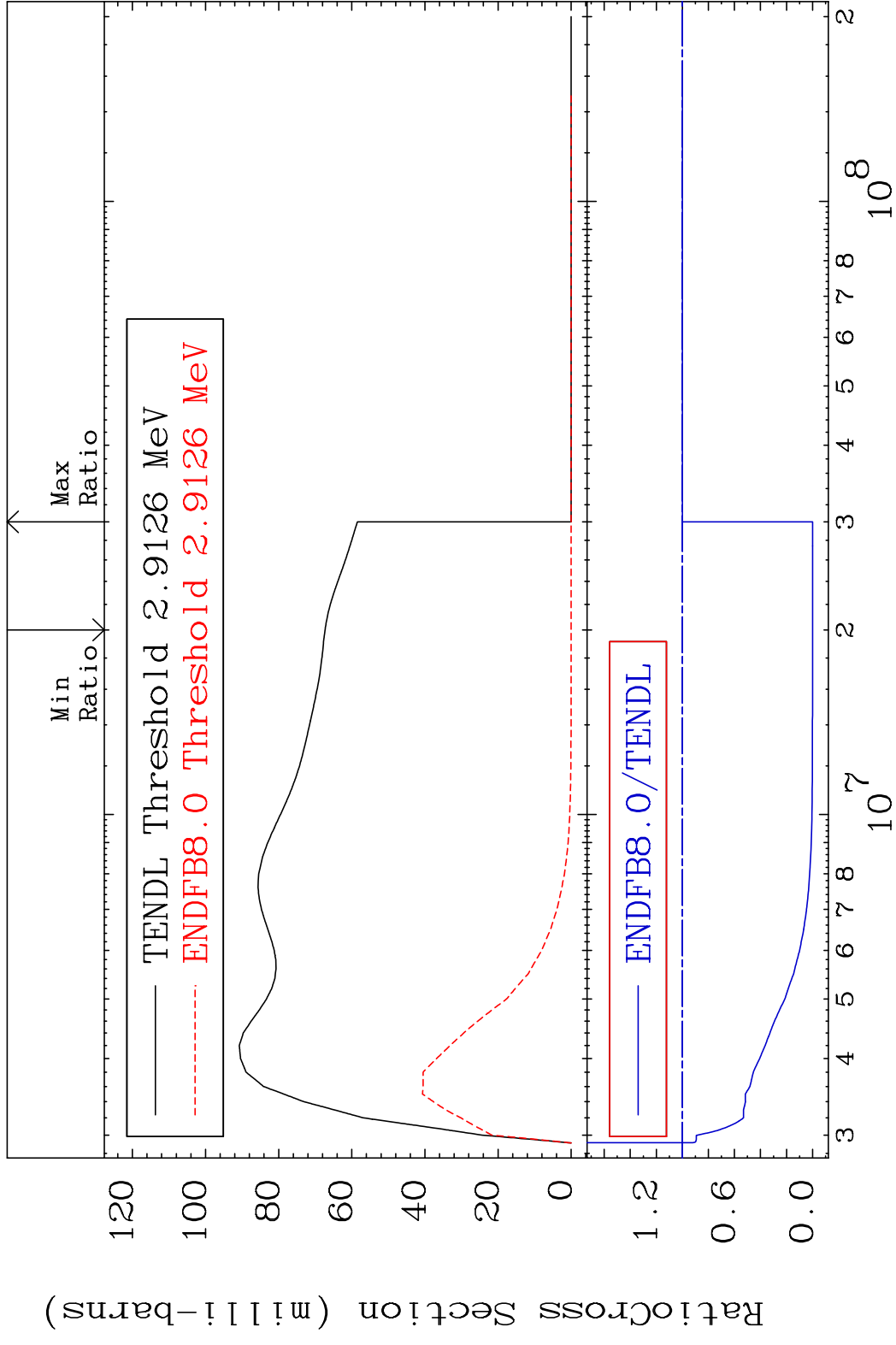
MAT 2843 MT= 53 (n, n') Level 28-Ni-64
 Cross Section -100.0 To 4355. %



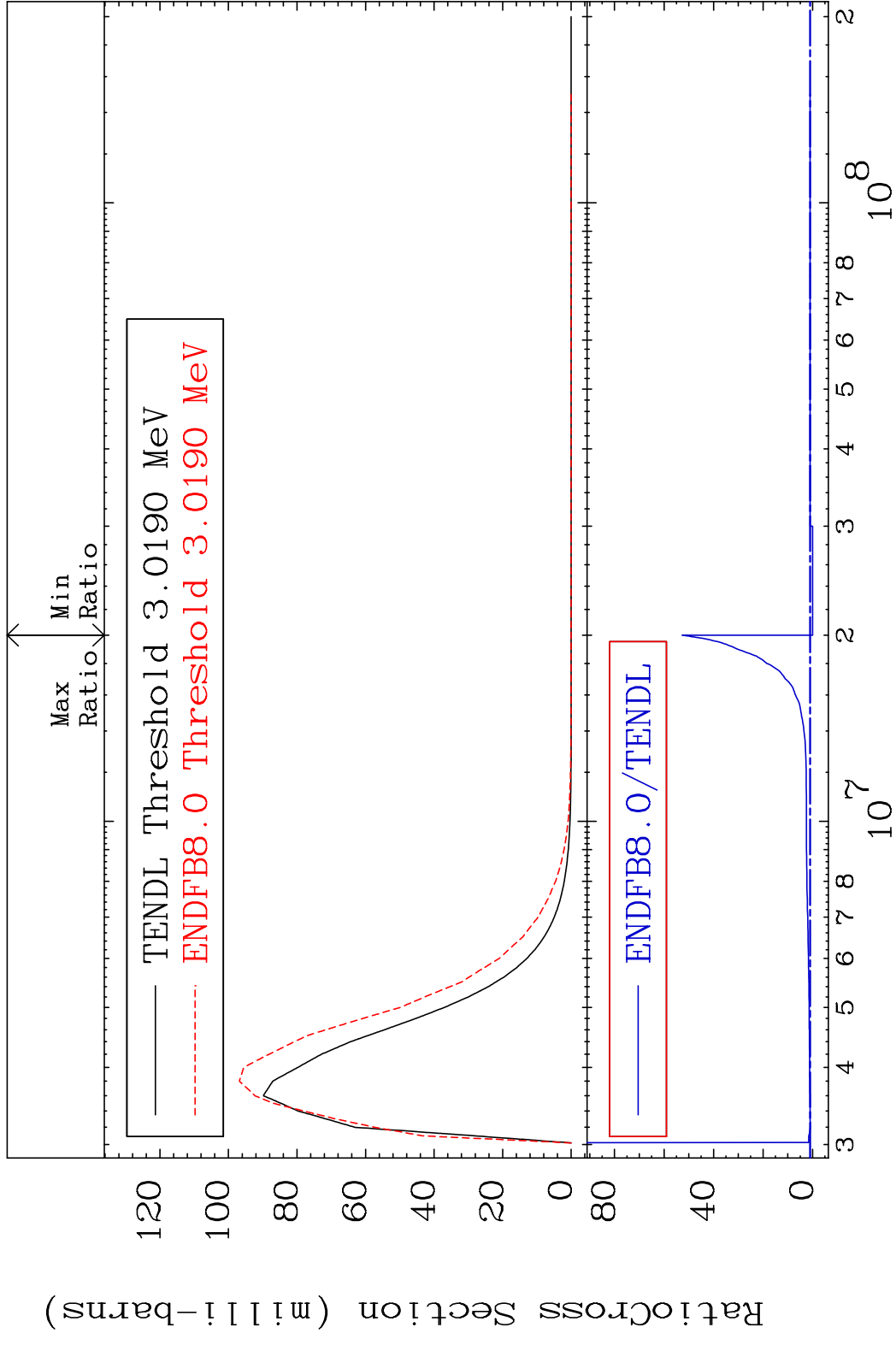
MAT 2843 MT= 54 (n,n') Level 28-Ni-64
 Cross Section -100.0 To 37.97 %



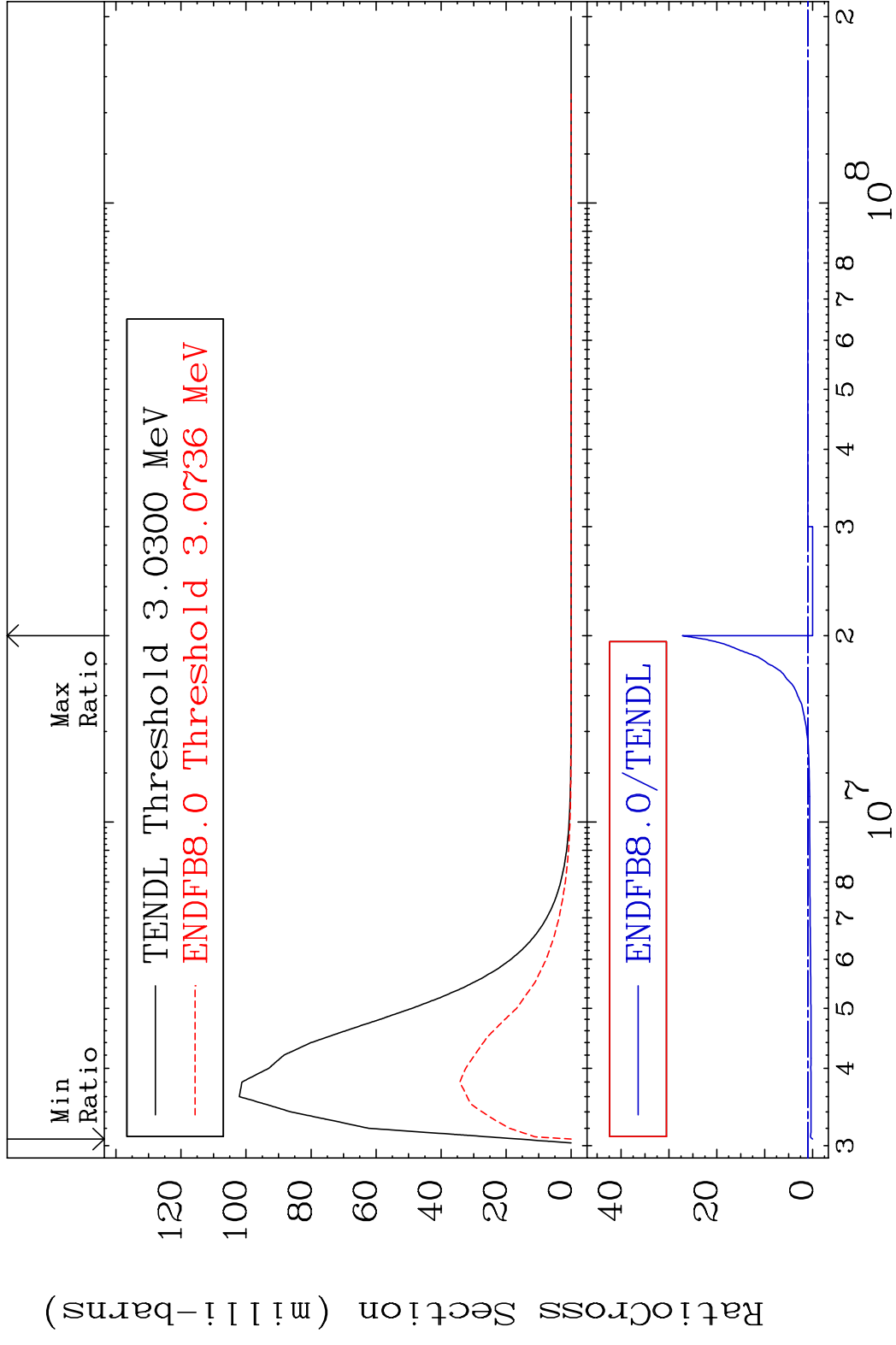
MAT 2843 MT= 55 (n, n') Level 28-Ni-64
 Cross Section -100.0 To 0.000 %



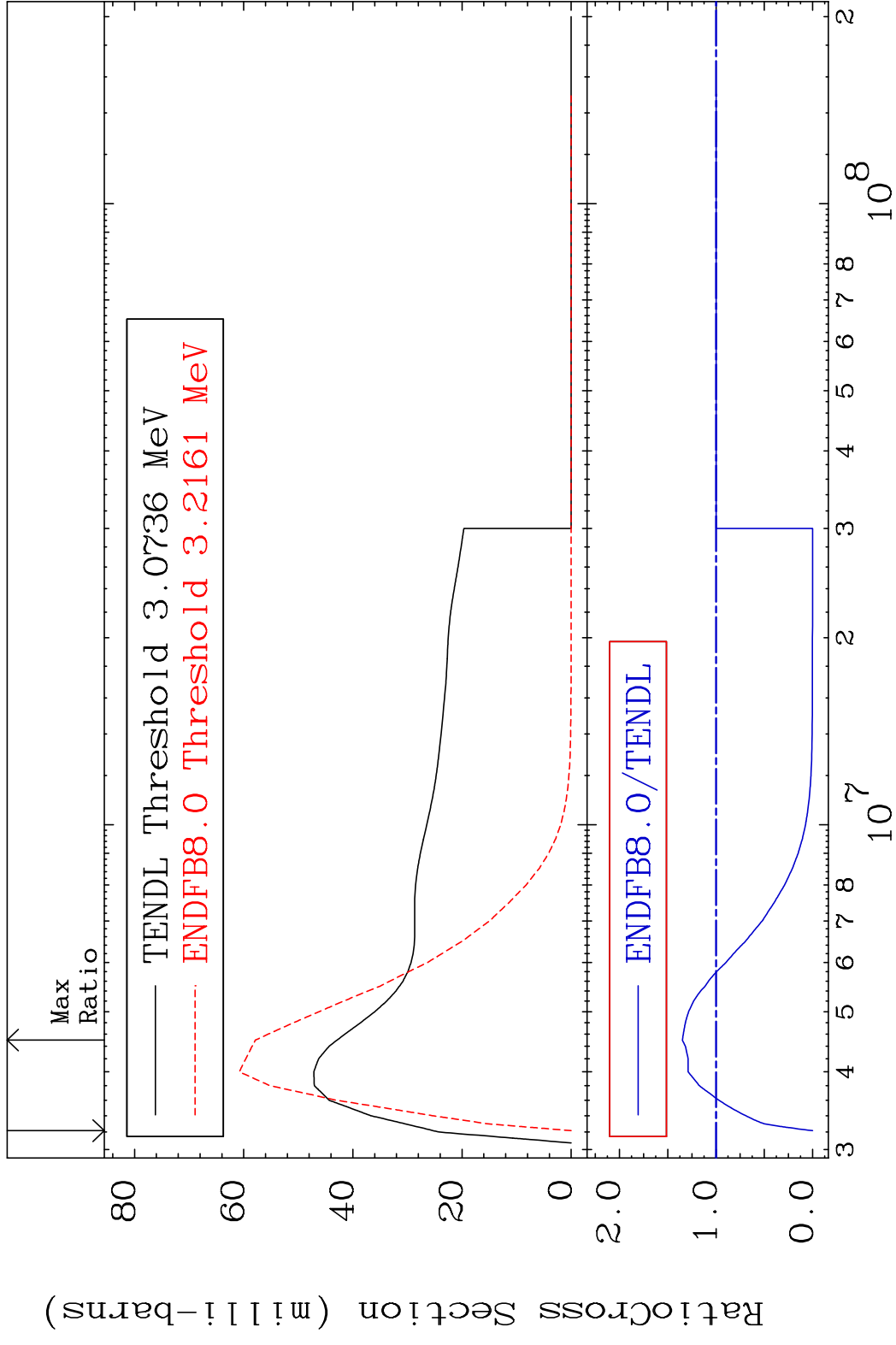
MAT 2843 MT= 56 (n, n') Level 28-Ni-64
 Cross Section -100.0 To 5160. %



MAT 2843 MT= 57 (n, n') Level 28-Ni-64
 Cross Section -100.0 To 2620. %

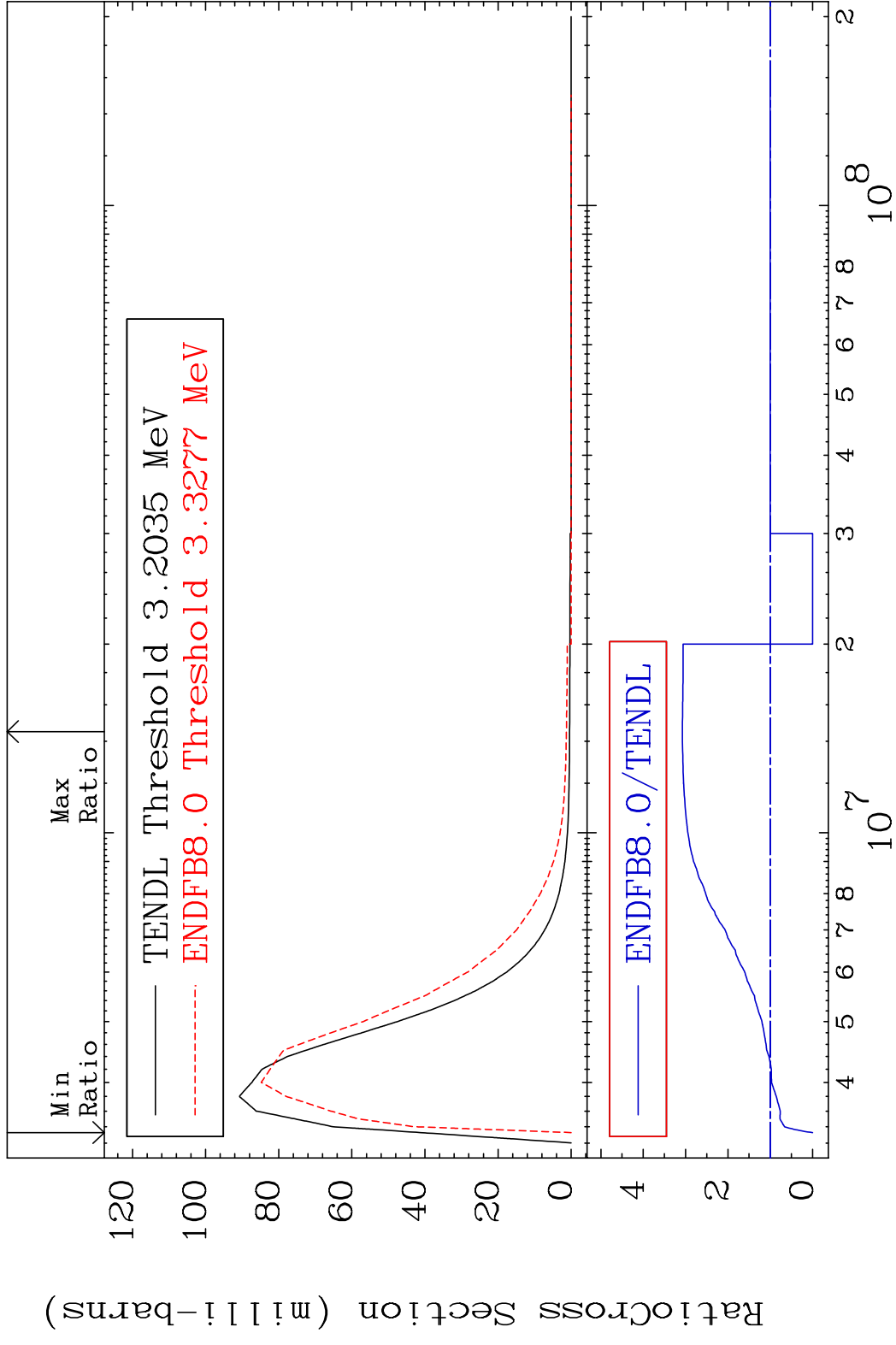


MAT 2843 MT= 58 (n, n') Level 28-Ni-64
 Cross Section -100.0 To 34.89 %

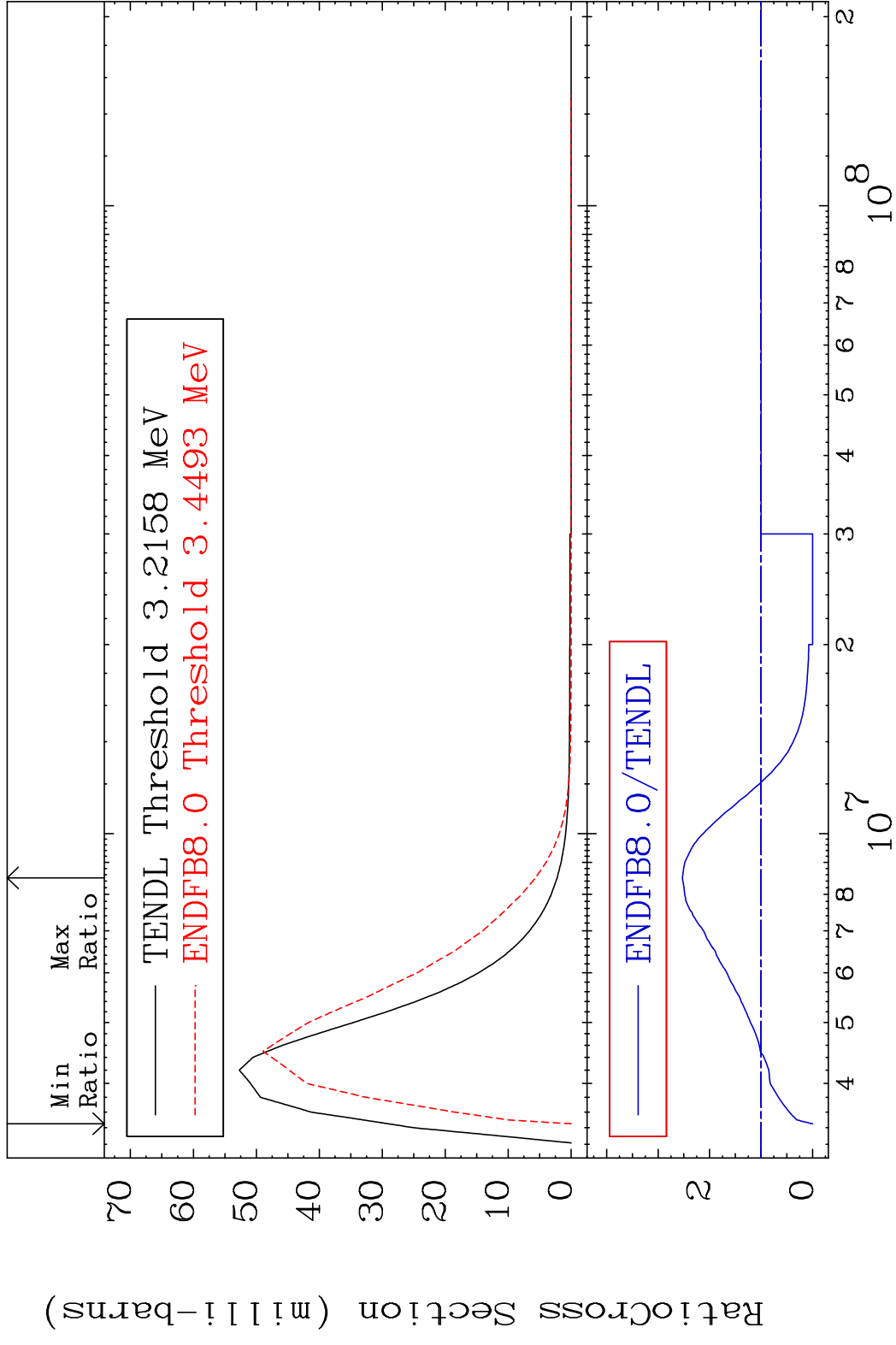


16 Incident Energy (eV) 28-Ni-64

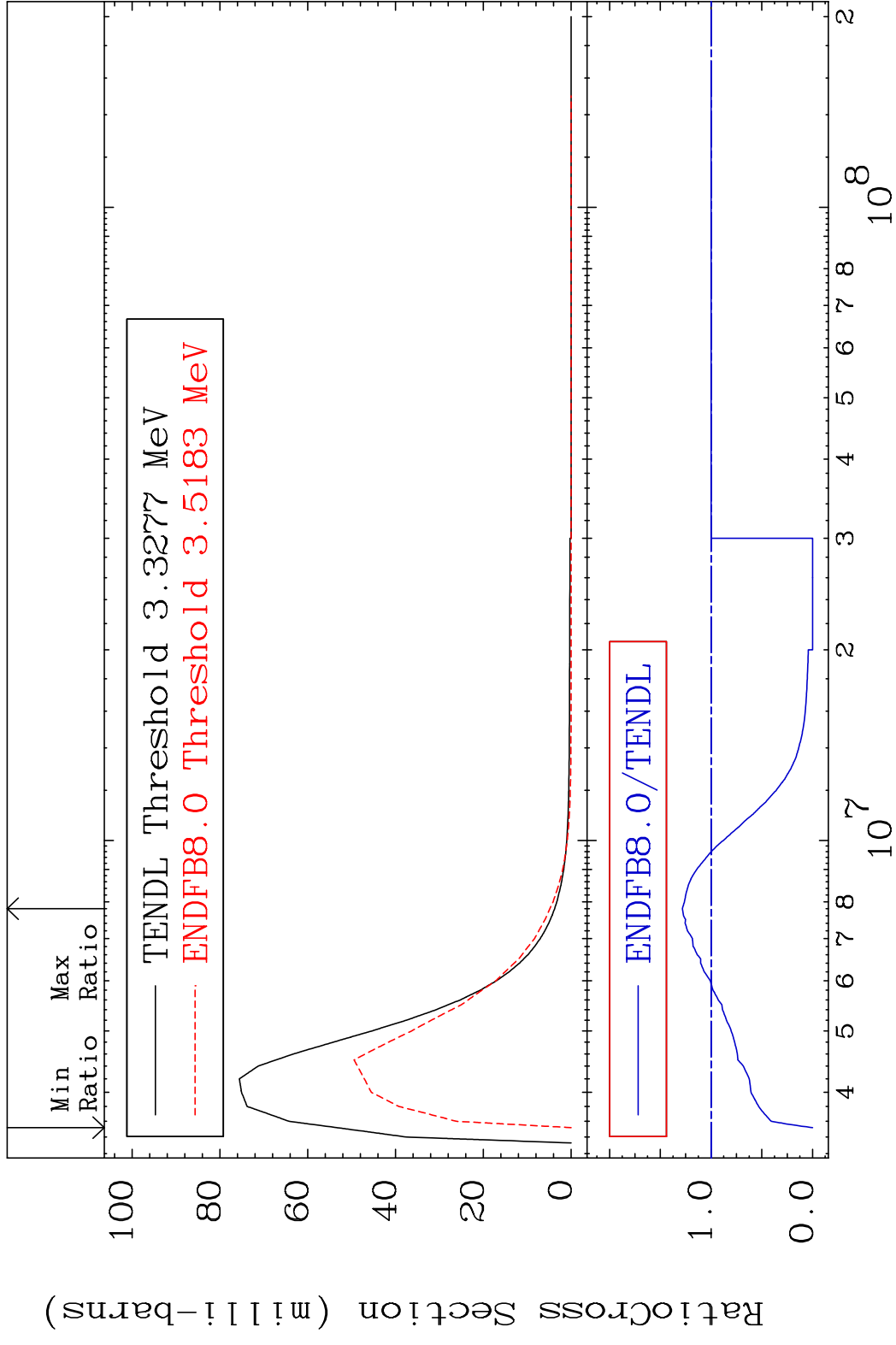
MAT 2843 MT= 59 (n, n') Level 28-Ni-64
 Cross Section -100.0 To 207.6 %



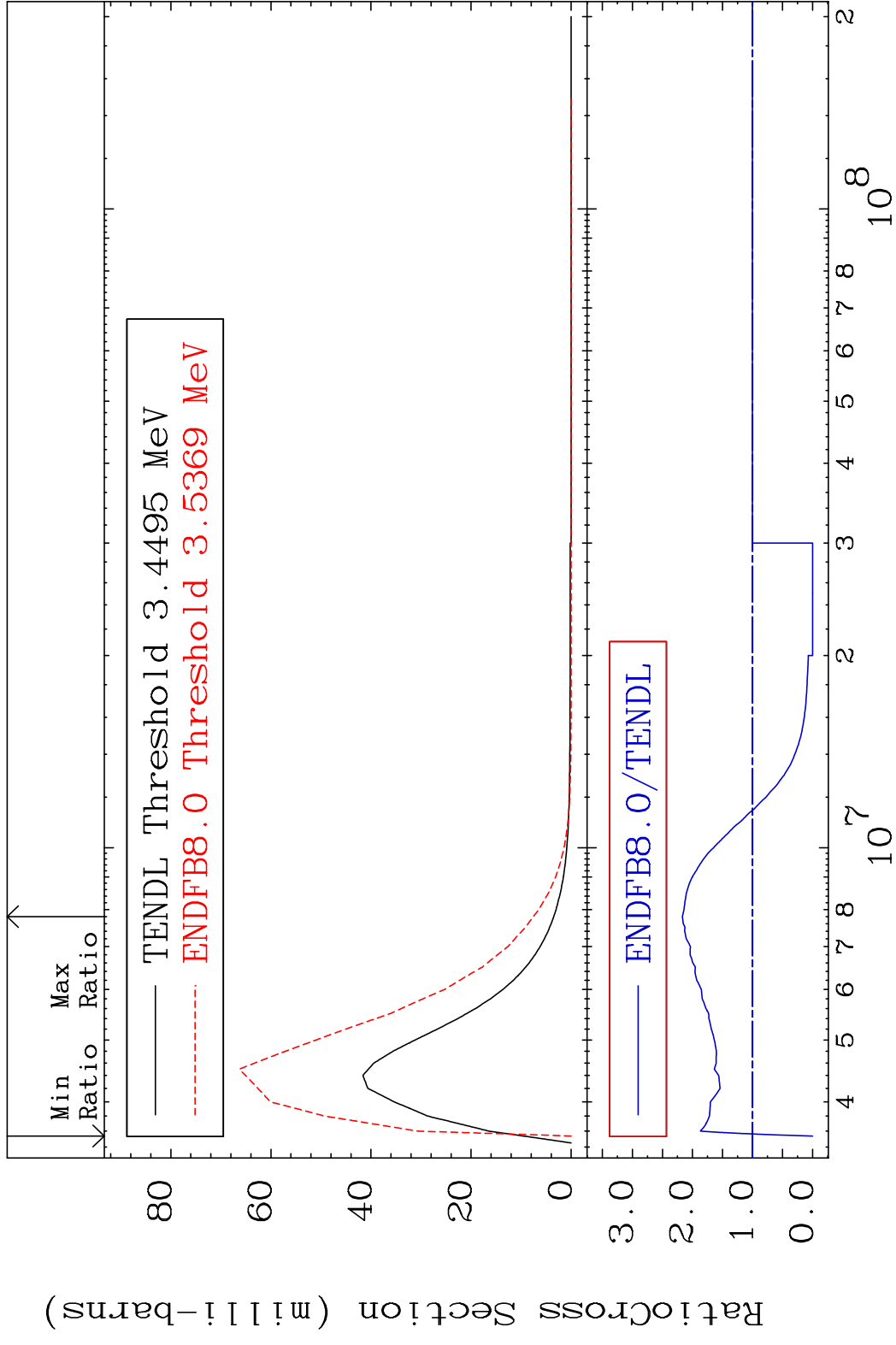
MAT 2843 MT= 60 (n,n') Level 28-Ni-64
 Cross Section -100.0 To 152.9 %



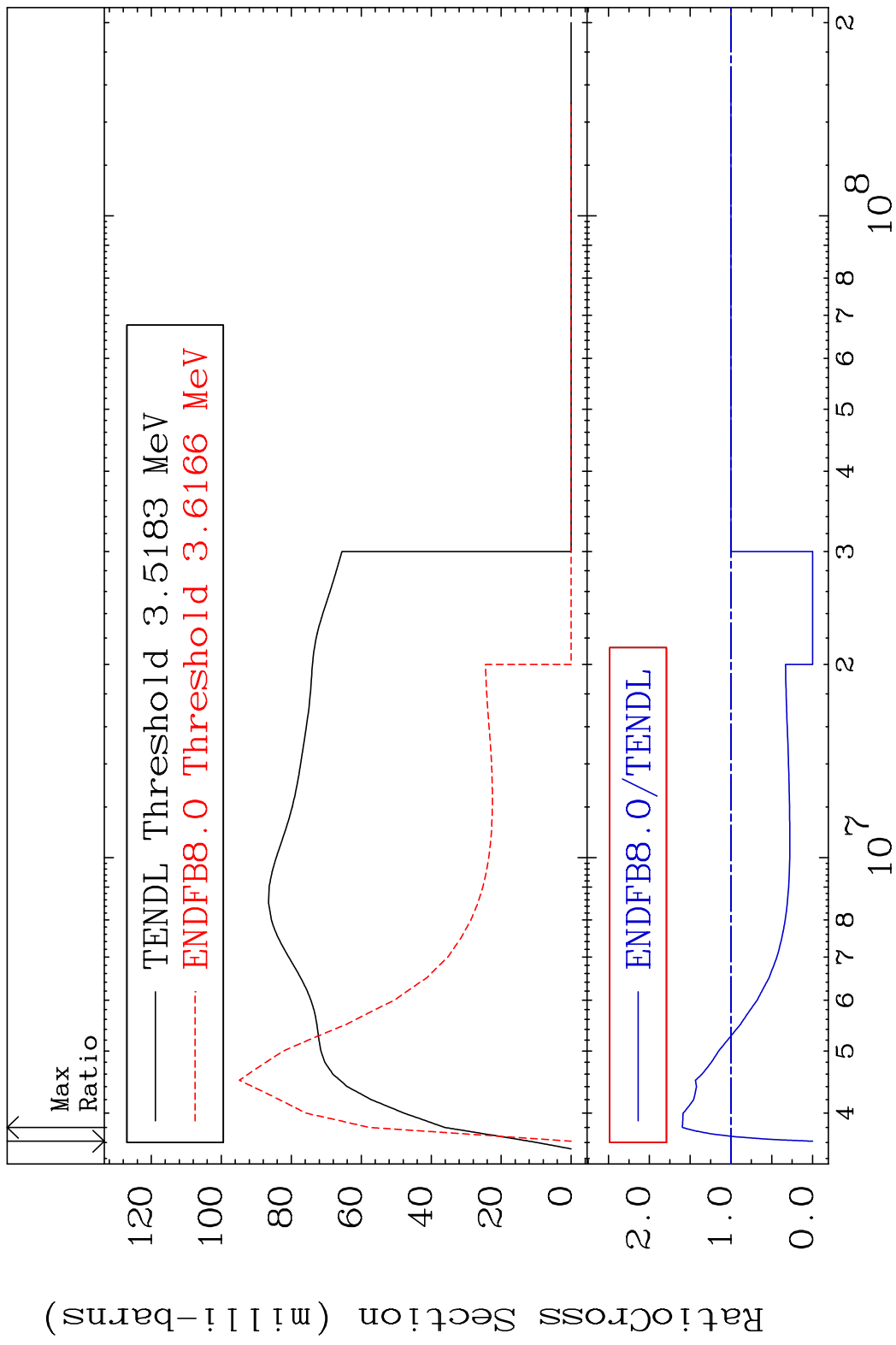
MAT 2843 MT= 61 (n,n') Level 28-Ni-64
 Cross Section -100.0 To 28.26 %



MAT 2843 MT= 62 (n, n') Level 28-Ni-64
 Cross Section -100.0 To 116.8 %

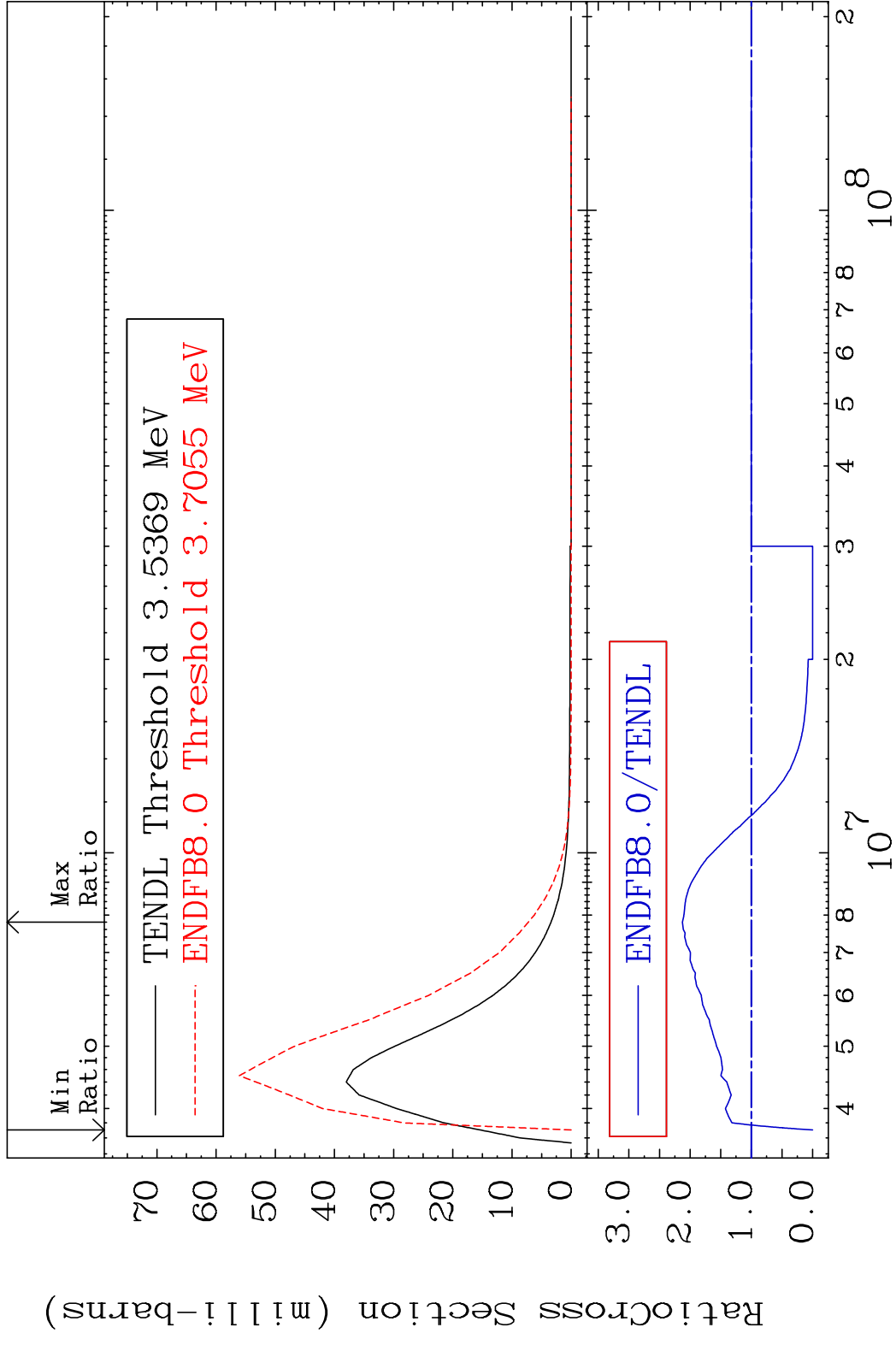


MAT 2843 MT= 63 (n, n') Level 28-Ni-64
 Cross Section -100.0 To 59.56 %

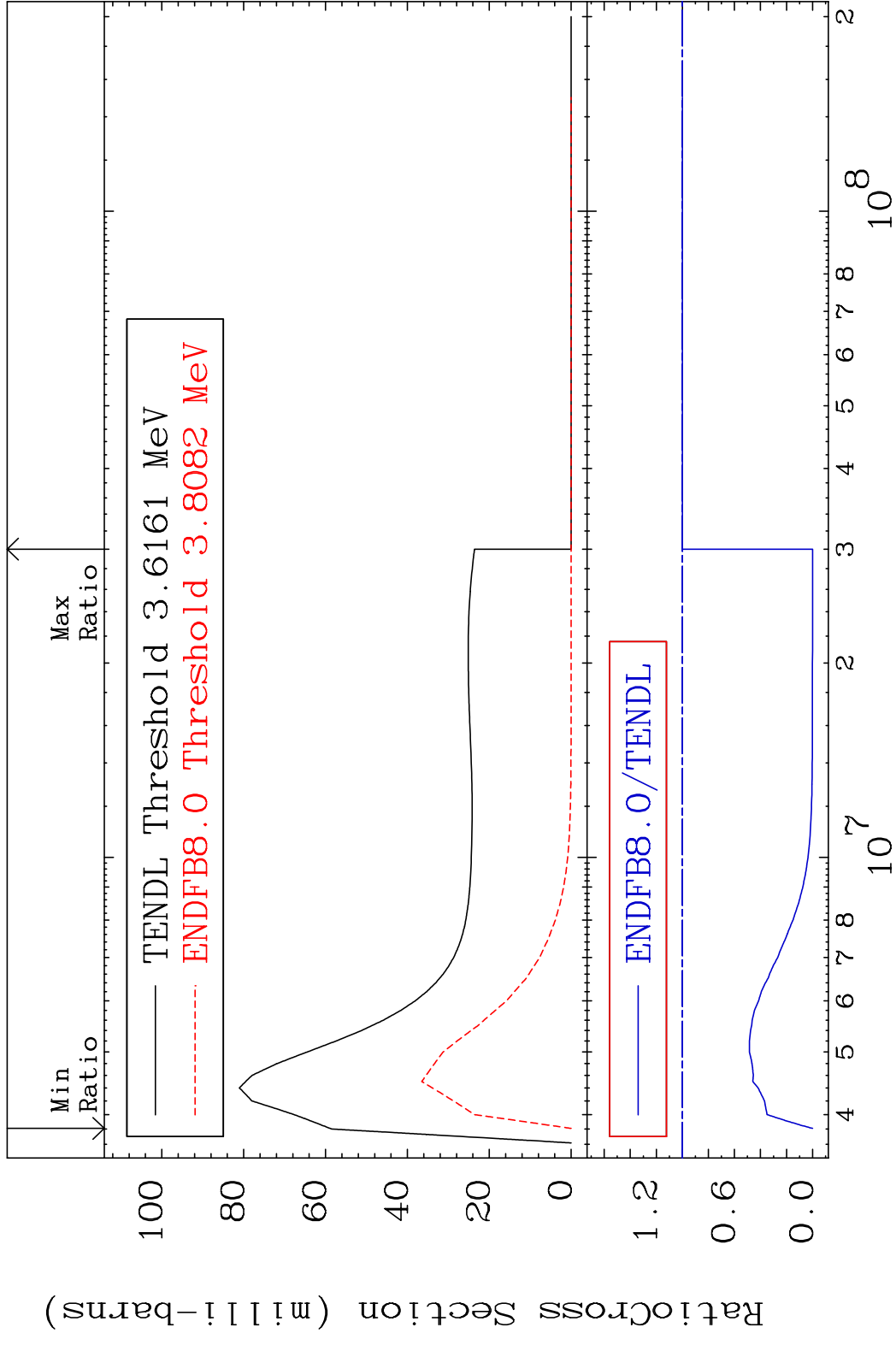


21 Incident Energy (eV) 28-Ni-64

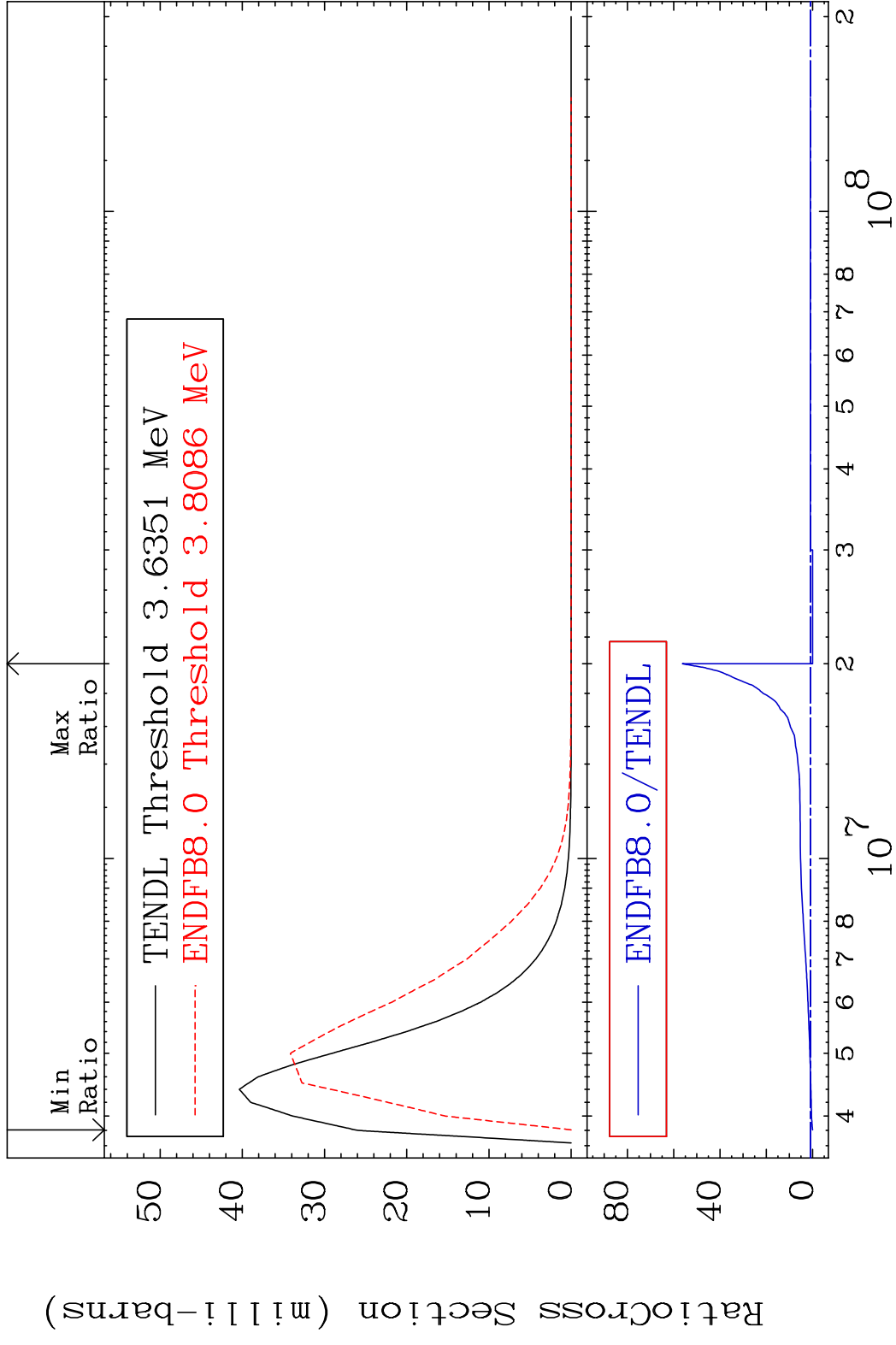
MAT 2843 MT= 64 (n,n') Level 28-Ni-64
 Cross Section -100.0 To 112.7 %



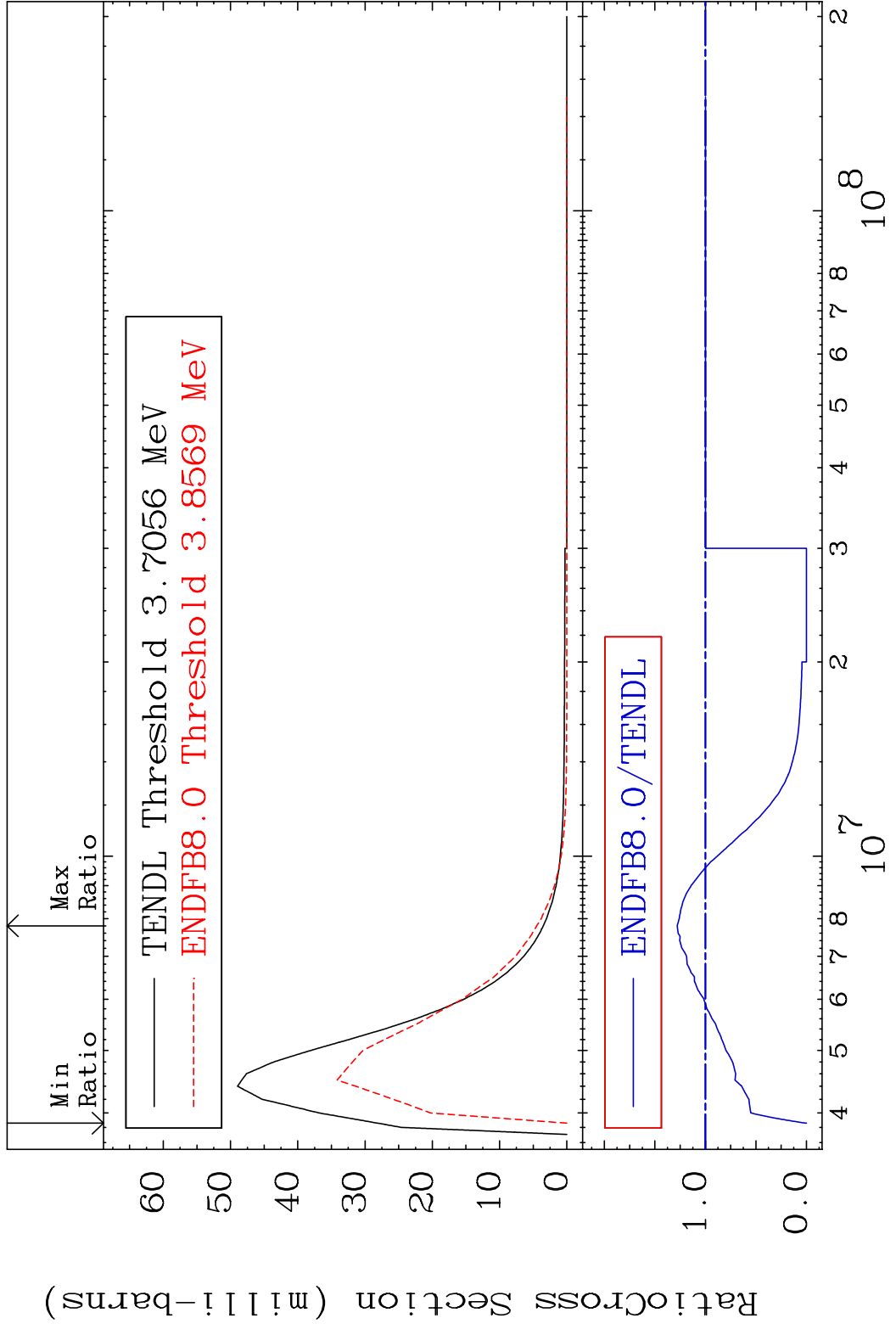
MAT 2843 MT= 65 (n, n') Level 28-Ni-64
 Cross Section -100.0 To 0.000 %



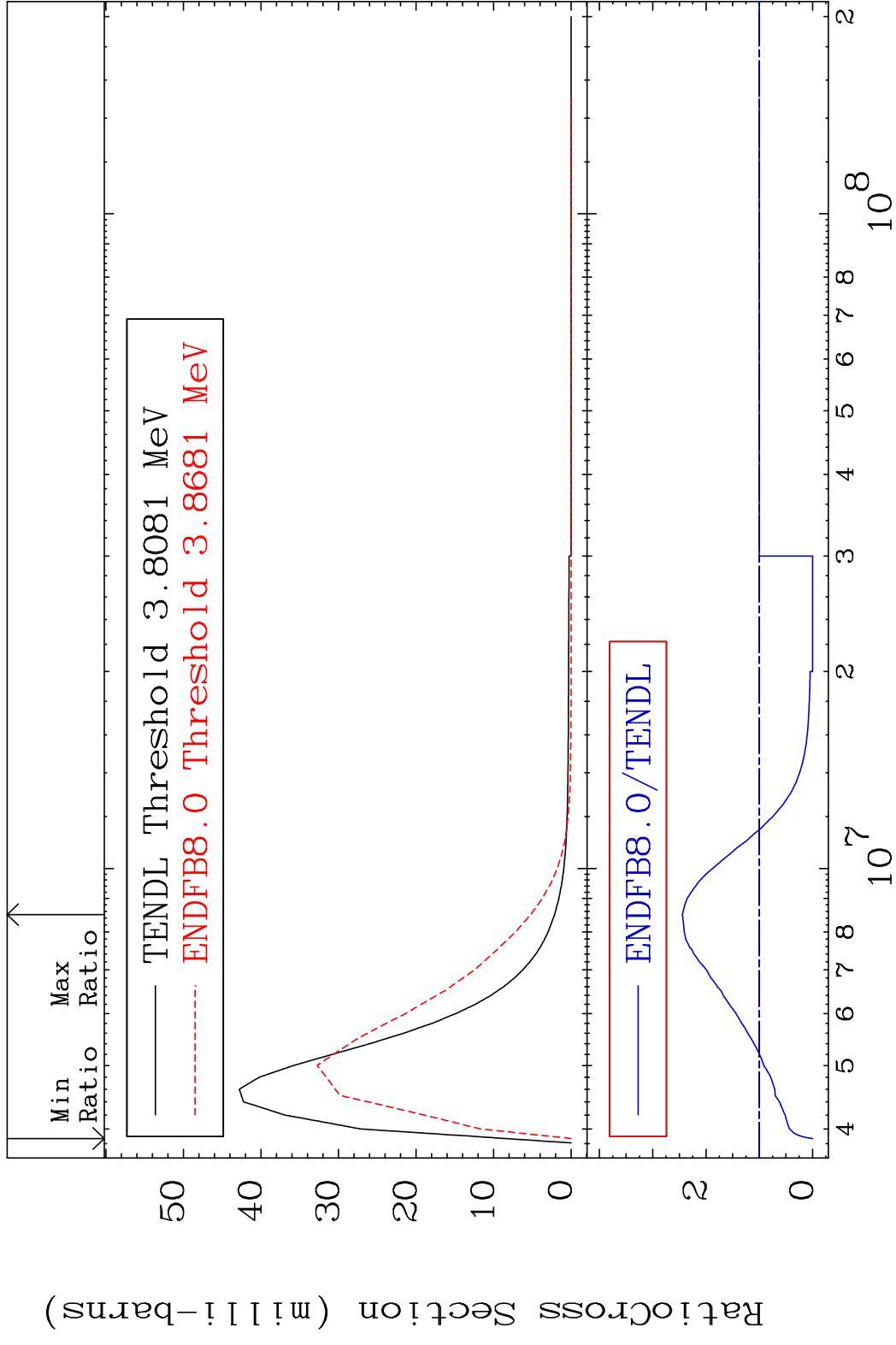
MAT 2843 MT= 66 (n,n') Level 28-Ni-64
 Cross Section -100.0 To 5526. %



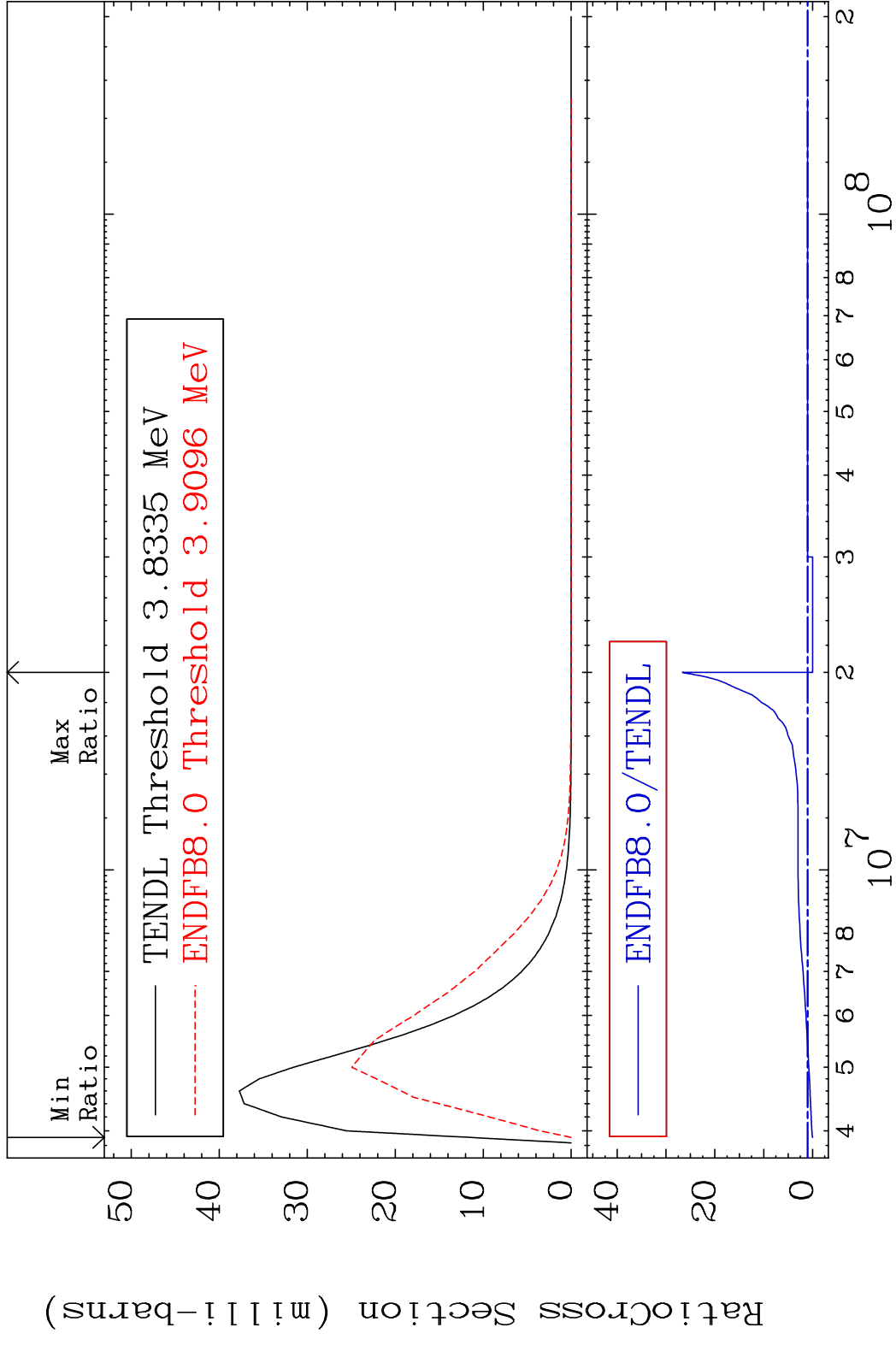
MAT 2843 MT= 67 (n, n') Level 28-Ni-64
 Cross Section -100.0 To 27.93 %



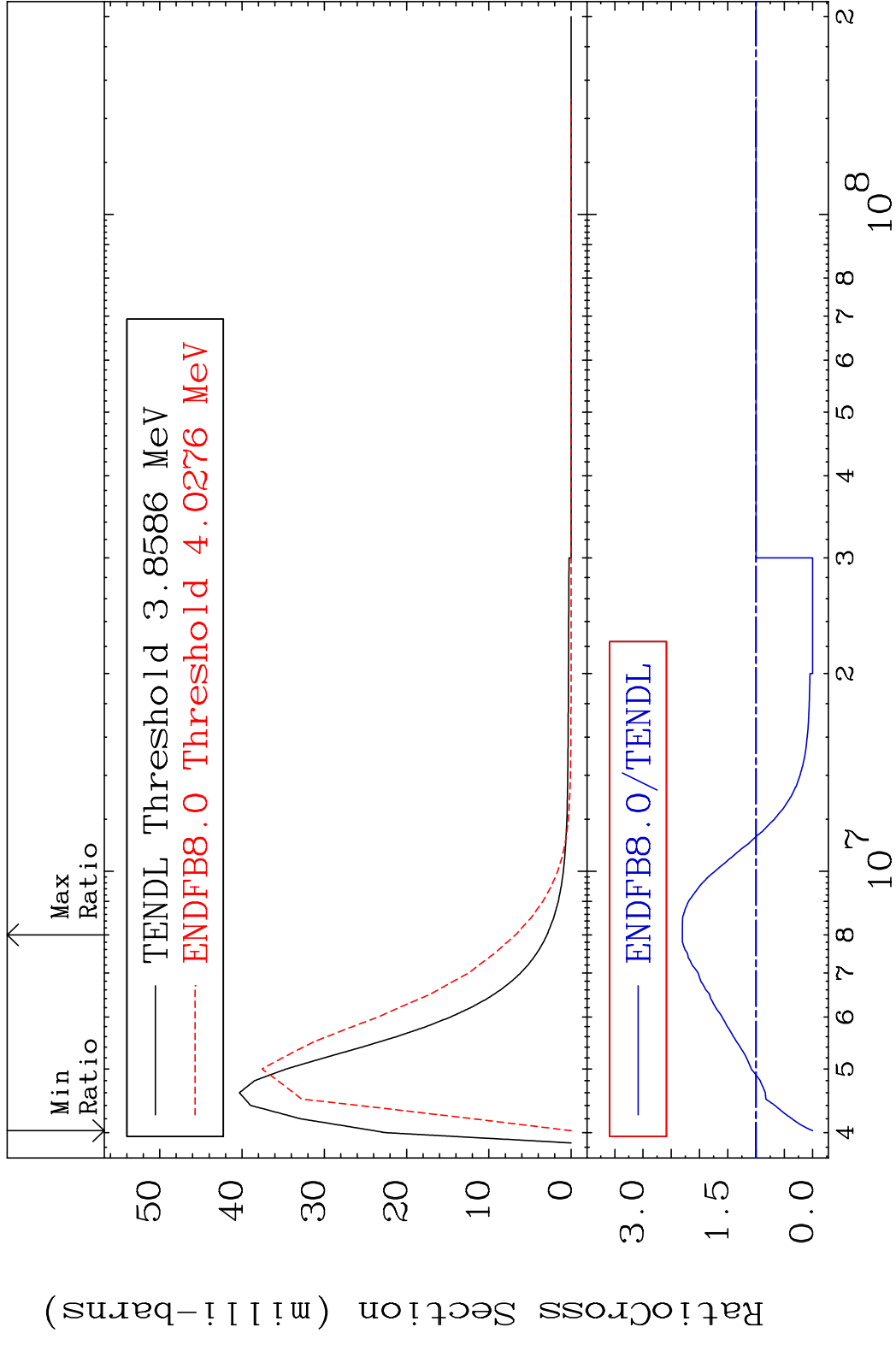
MAT 2843 MT= 68 (n,n') Level 28-Ni-64
 Cross Section -100.0 To 144.4 %



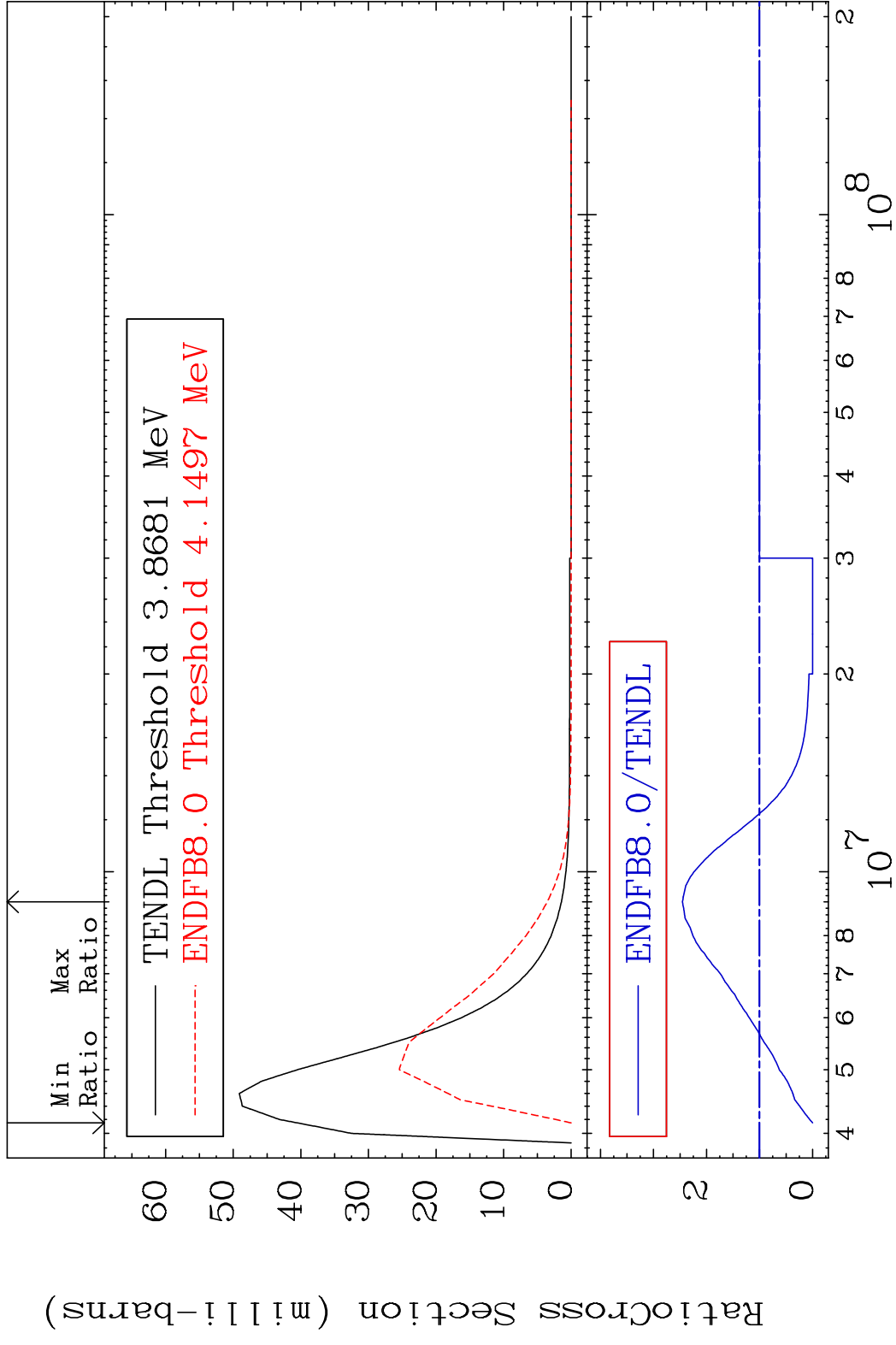
MAT 2843 MT= 69 (n, n') Level 28-Ni-64
 Cross Section -100.0 To 2566. %



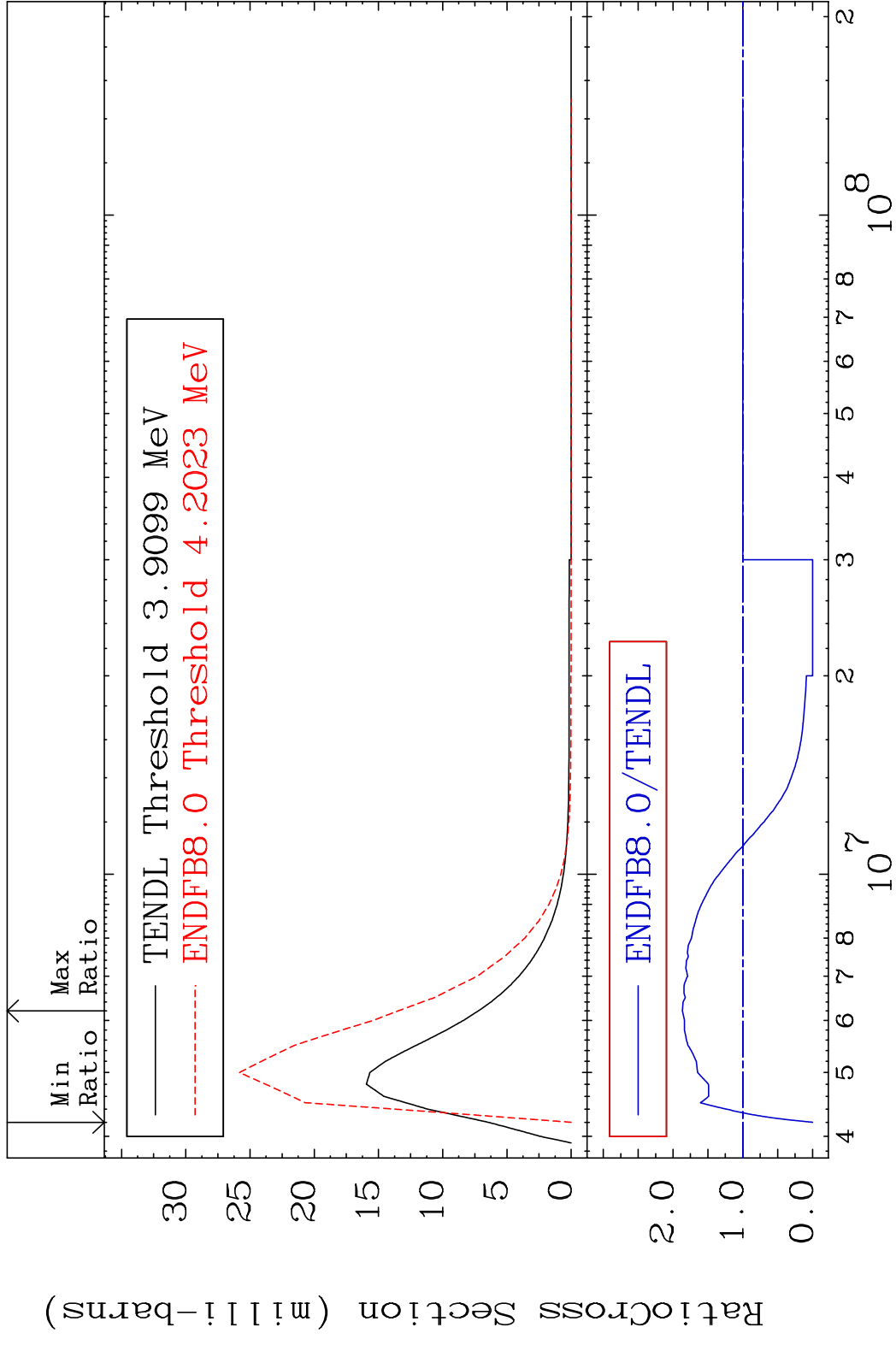
MAT 2843 MT= 70 (n,n') Level 28-Ni-64
 Cross Section -100.0 To 130.4 %



MAT 2843 MT= 71 (n,n') Level 28-Ni-64
 Cross Section -100.0 To 145.6 %

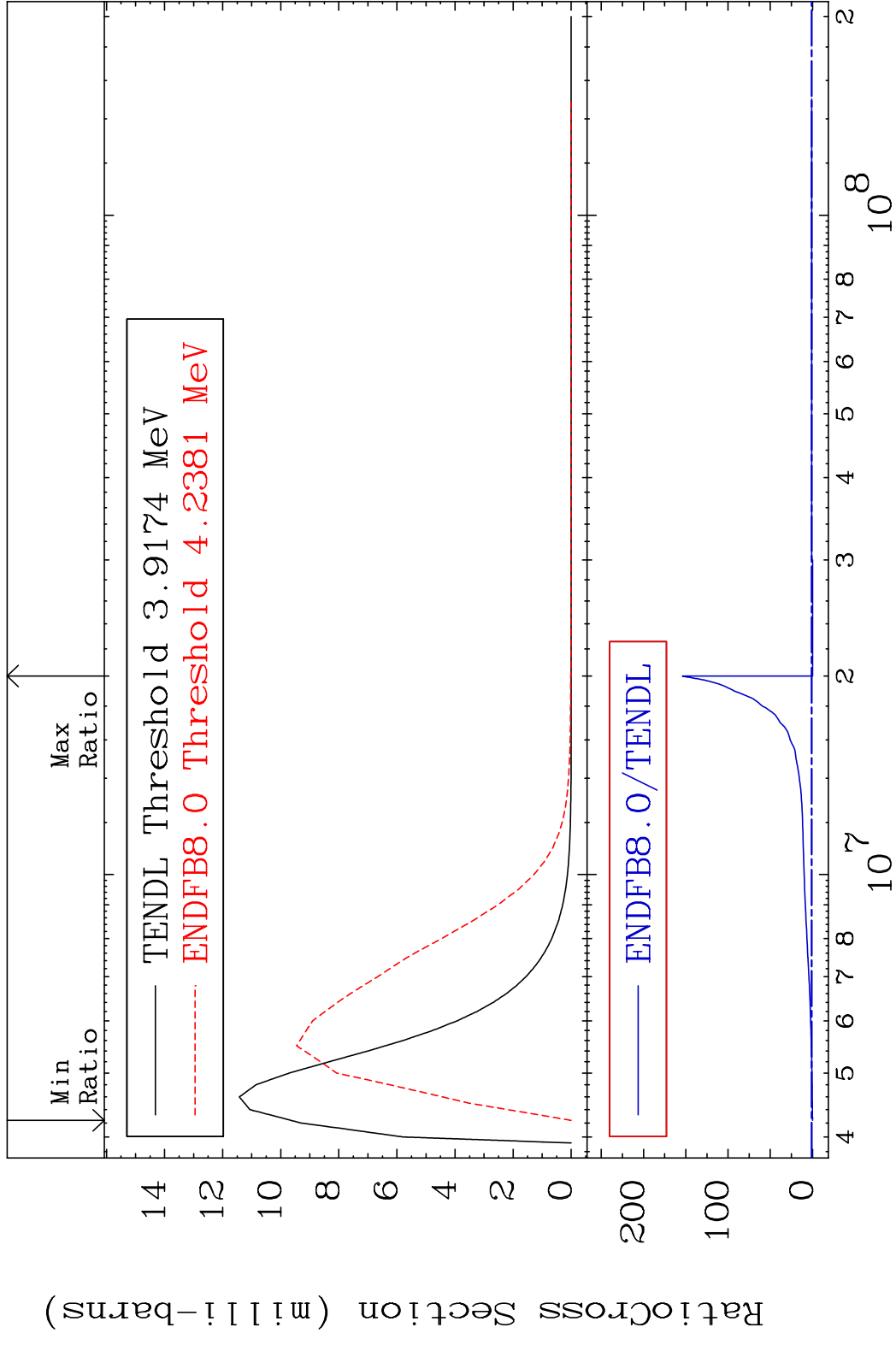


MAT 2843 MT= 72 (n, n') Level 28-Ni-64
 Cross Section -100.0 To 86.64 %

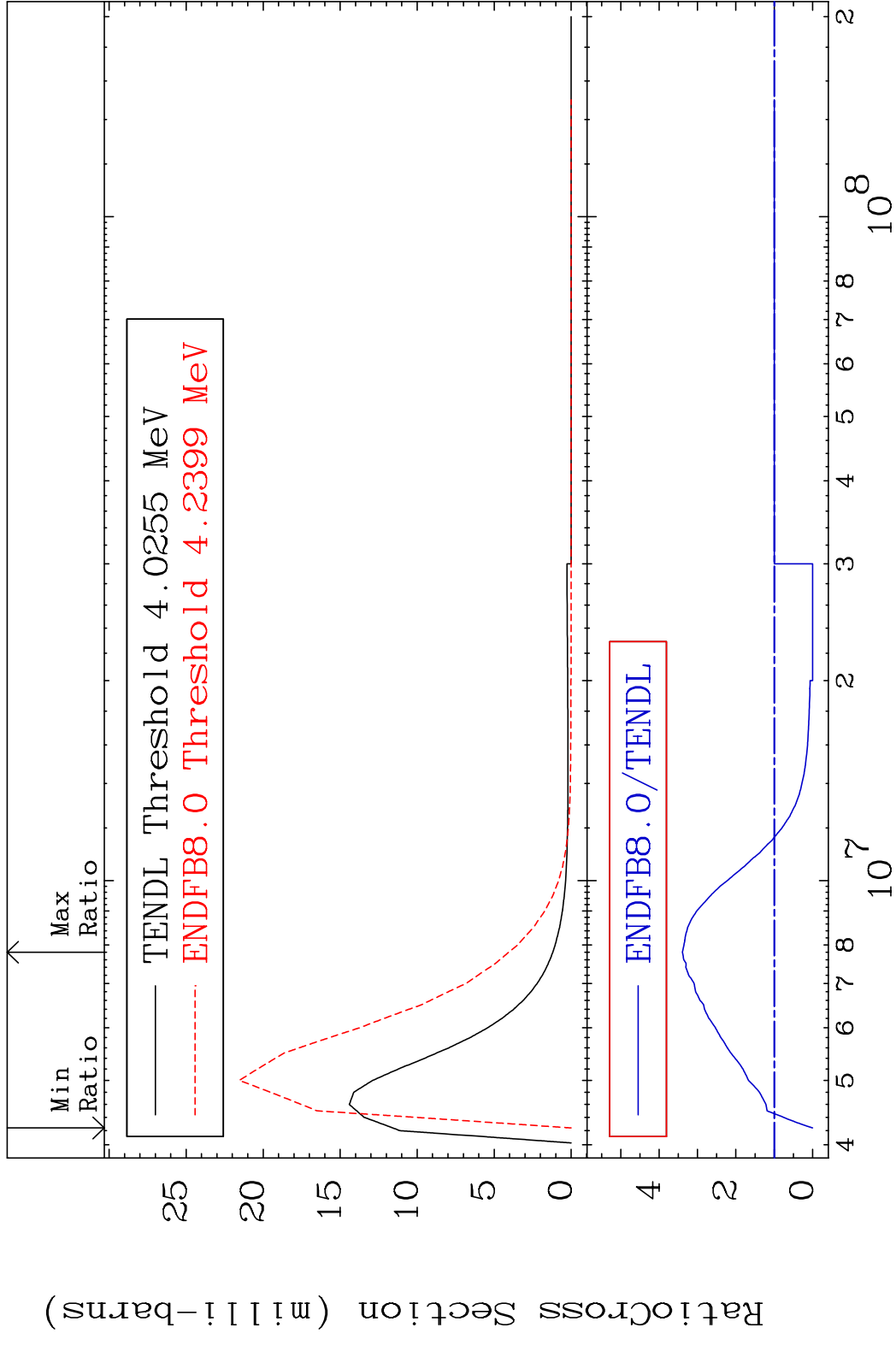


30 28-Ni-64

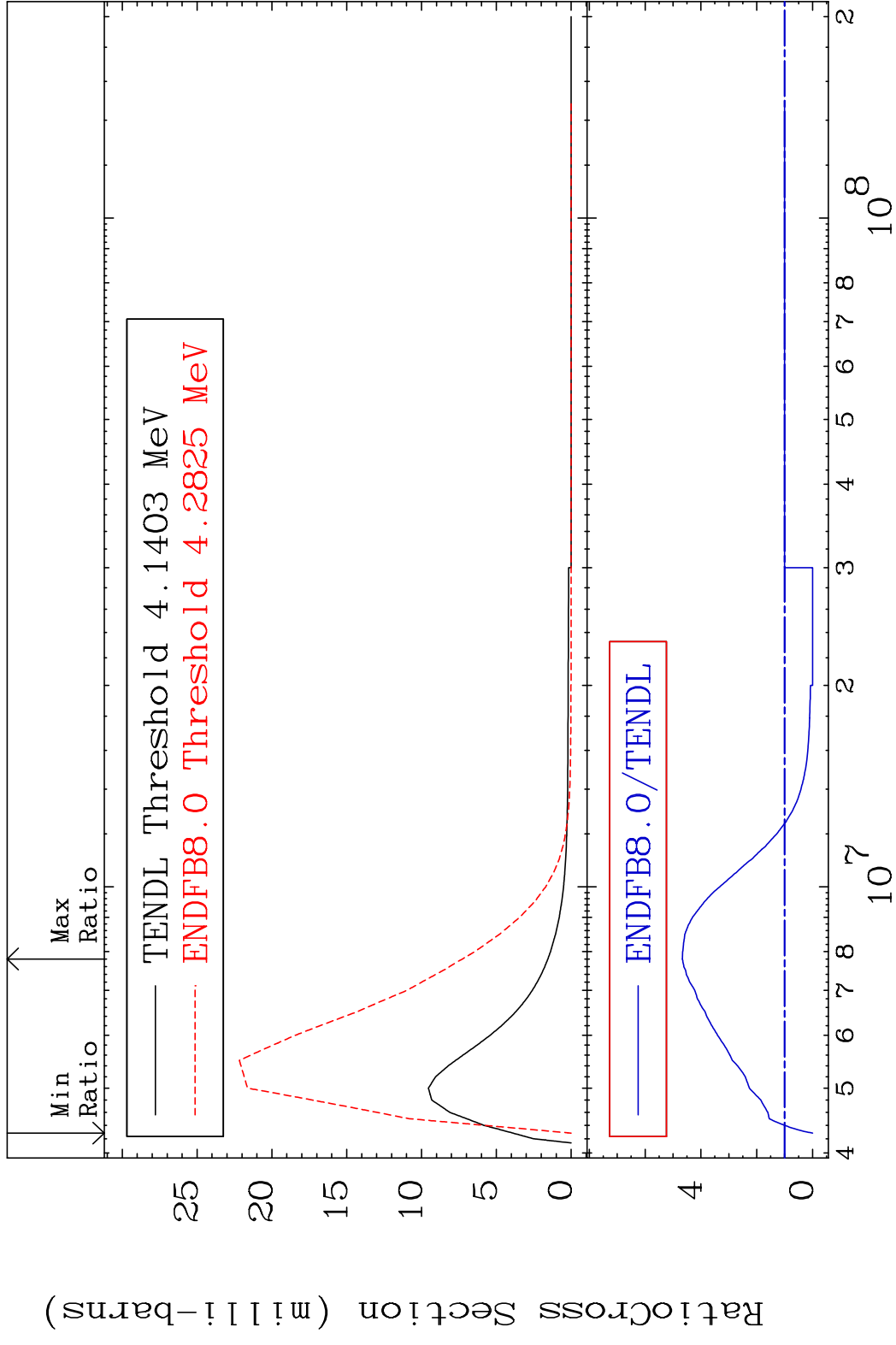
MAT 2843 MT= 73 (n, n') Level 28-Ni-64
 Cross Section -100.0 To 9999. %



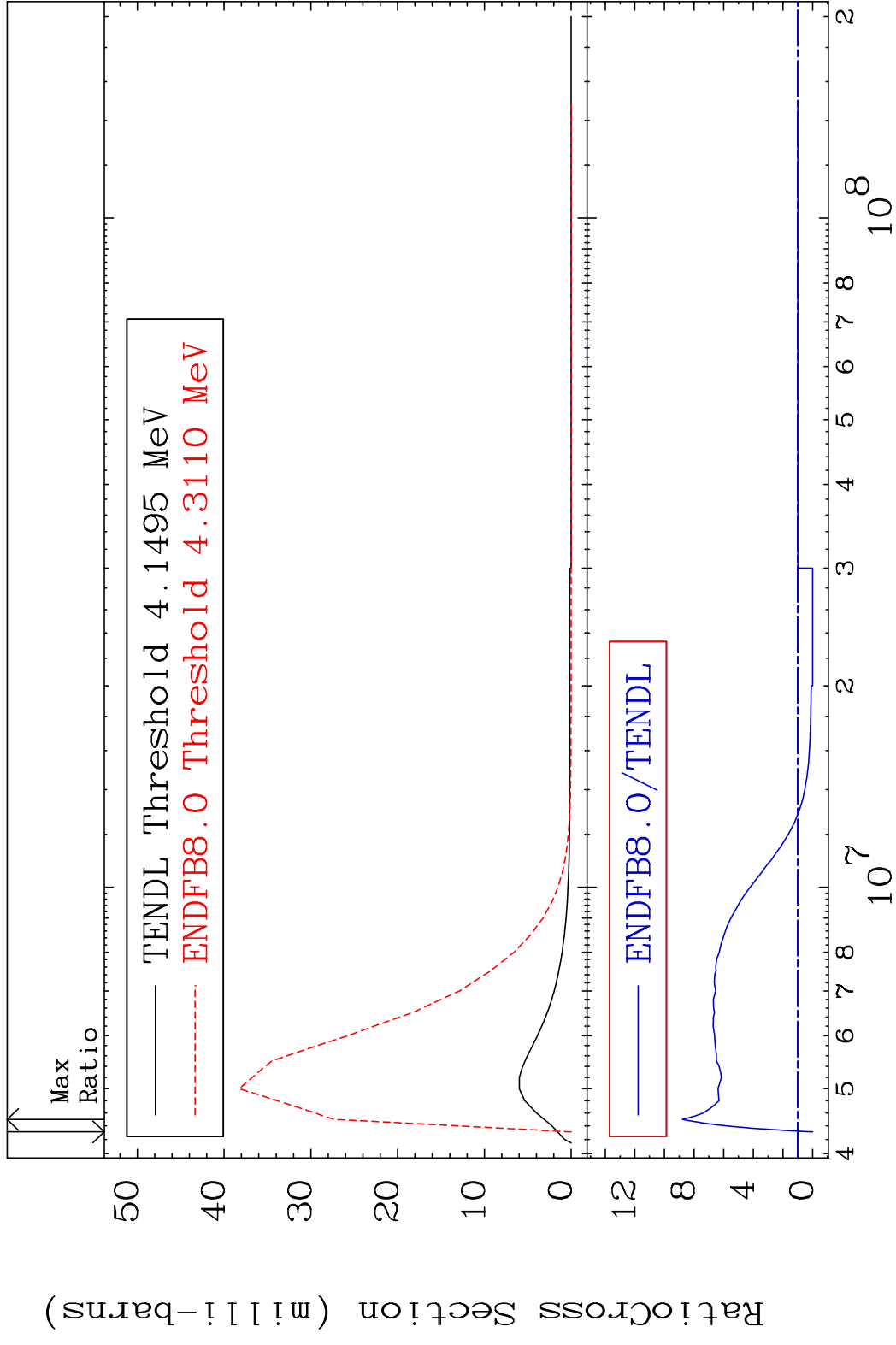
MAT 2843 MT= 74 (n, n') Level 28-Ni-64
 Cross Section -100.0 To 239.5 %



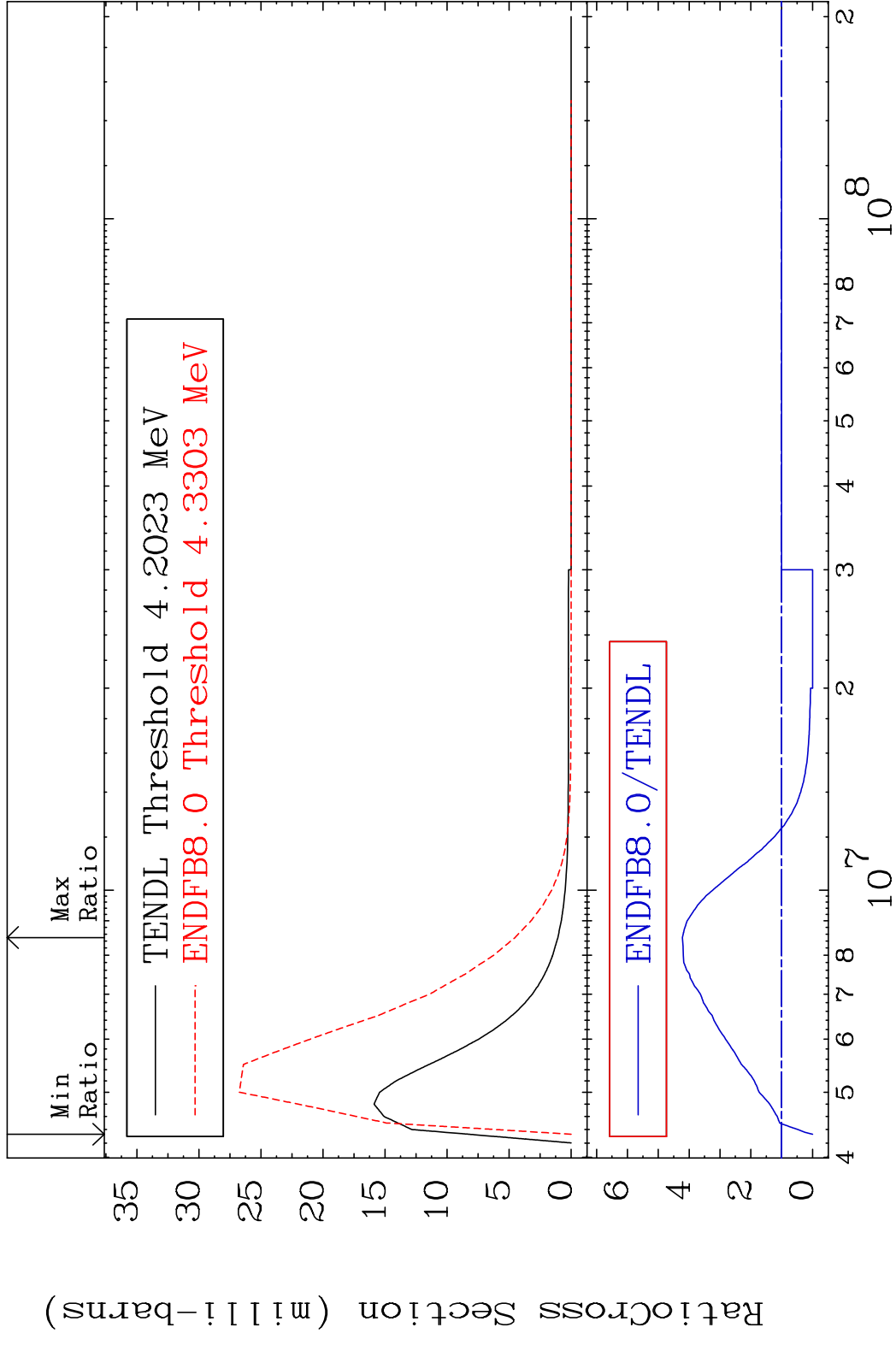
MAT 2843 MT= 75 (n, n') Level 28-Ni-64
 Cross Section -100.0 To 366.5 %



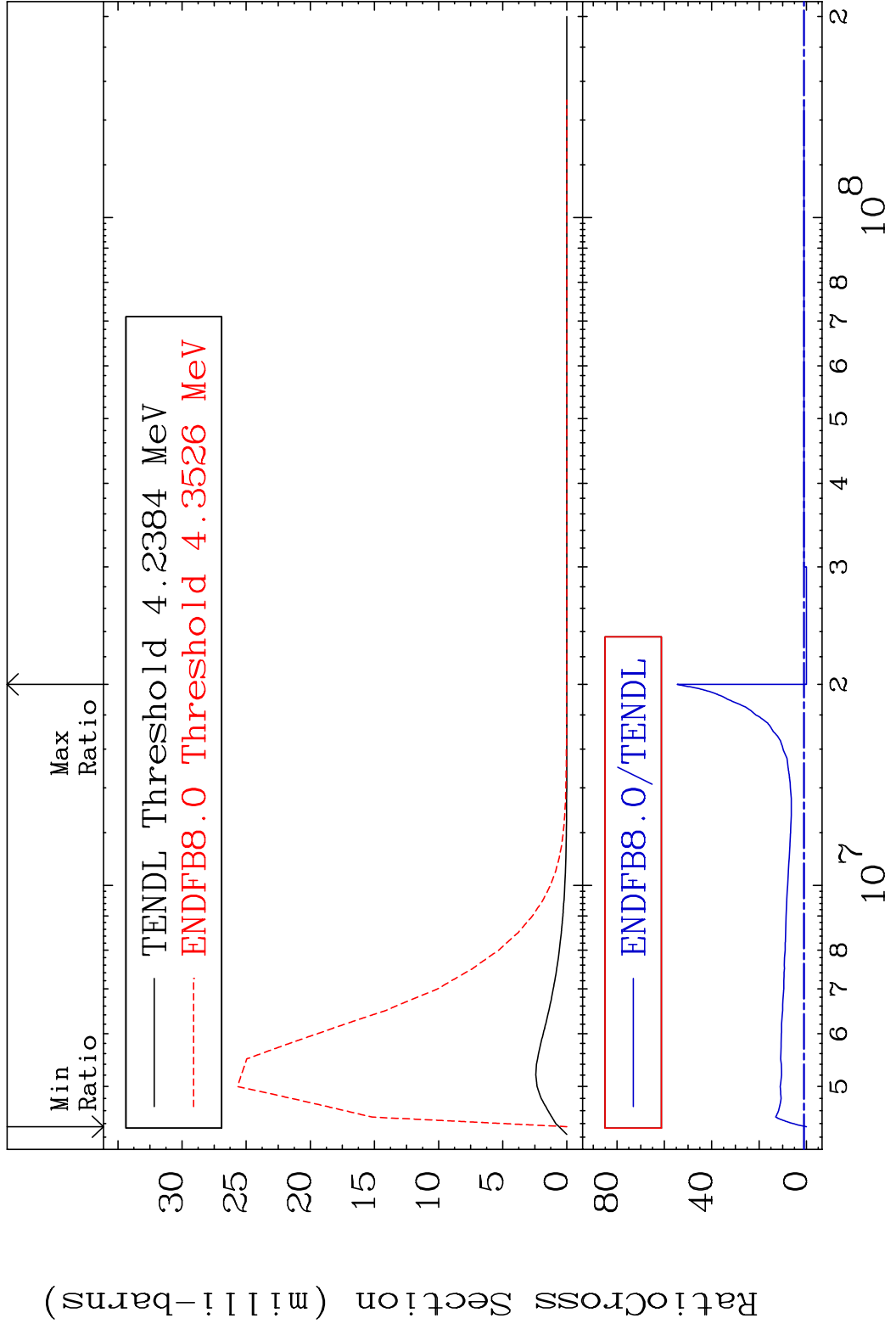
MAT 2843 MT= 76 (n,n') Level 28-Ni-64
 Cross Section -100.0 To 779.1 %



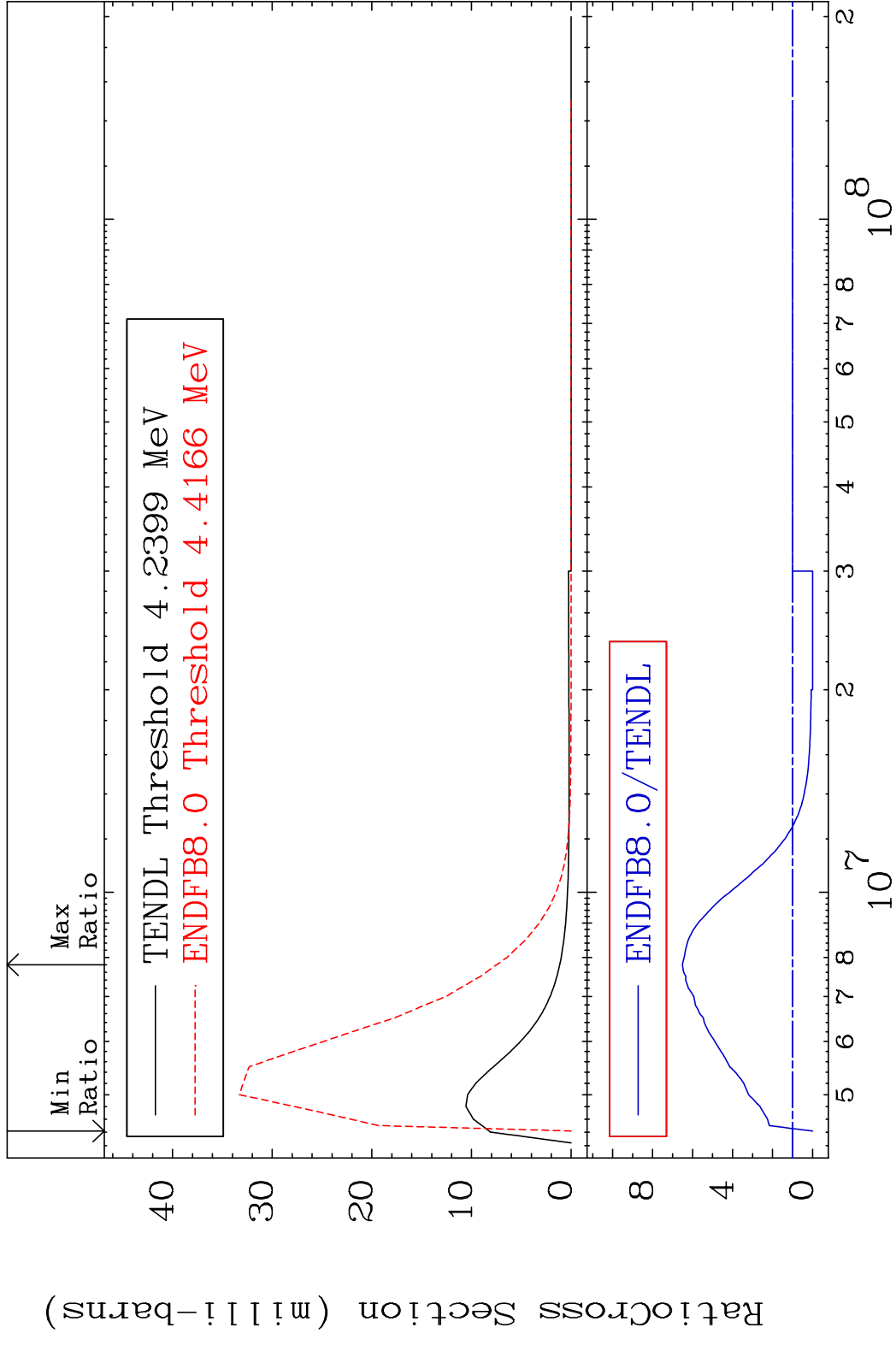
MAT 2843 MT= 77 (n, n') Level 28-Ni-64
 Cross Section -100.0 To 321.9 %



MAT 2843 MT= 78 (n, n') Level 28-Ni-64
 Cross Section -100.0 To 5359. %



MAT 2843 MT= 79 (n, n') Level 28-Ni-64
 Cross Section -100.0 To 551.3 %

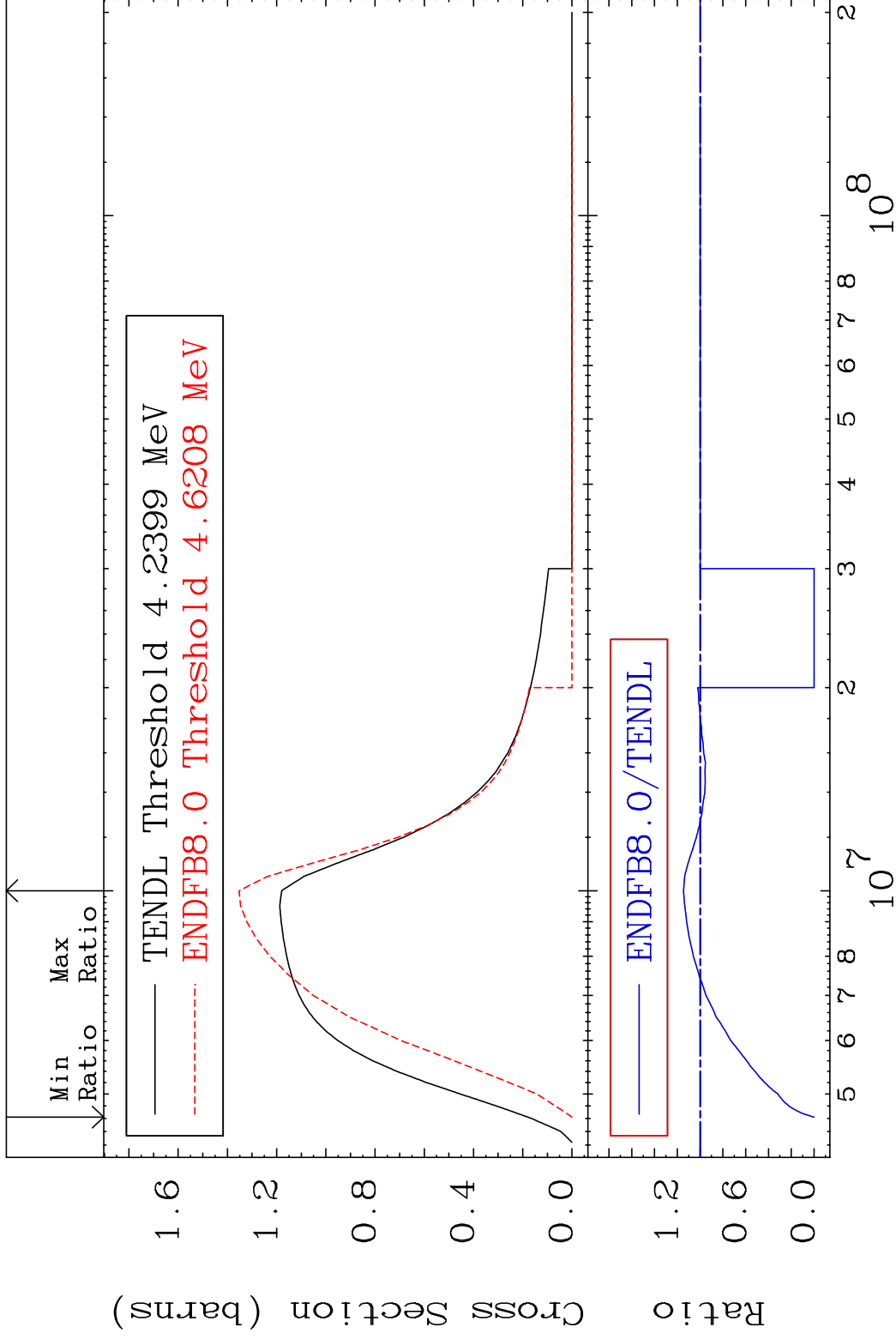


MAT 2843

(n, n') Continuum

²⁸Ni-64

Cross Section -100.0 To 14.62 %



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Incident Energy (eV)

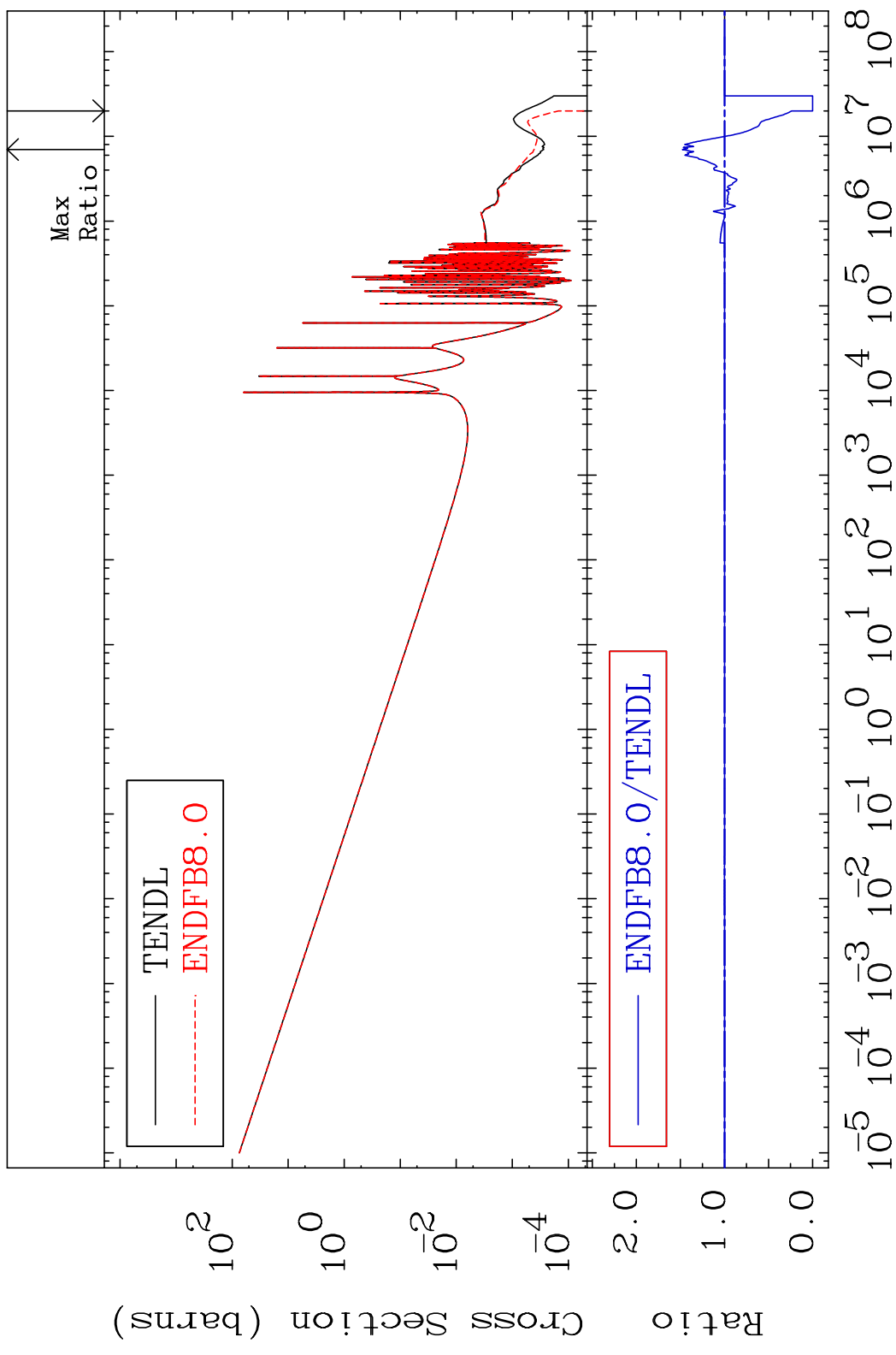
²⁸Ni-64

MAT 2843

(n, γ)

28-Ni-64

Cross Section -100.0 To 47.82 %

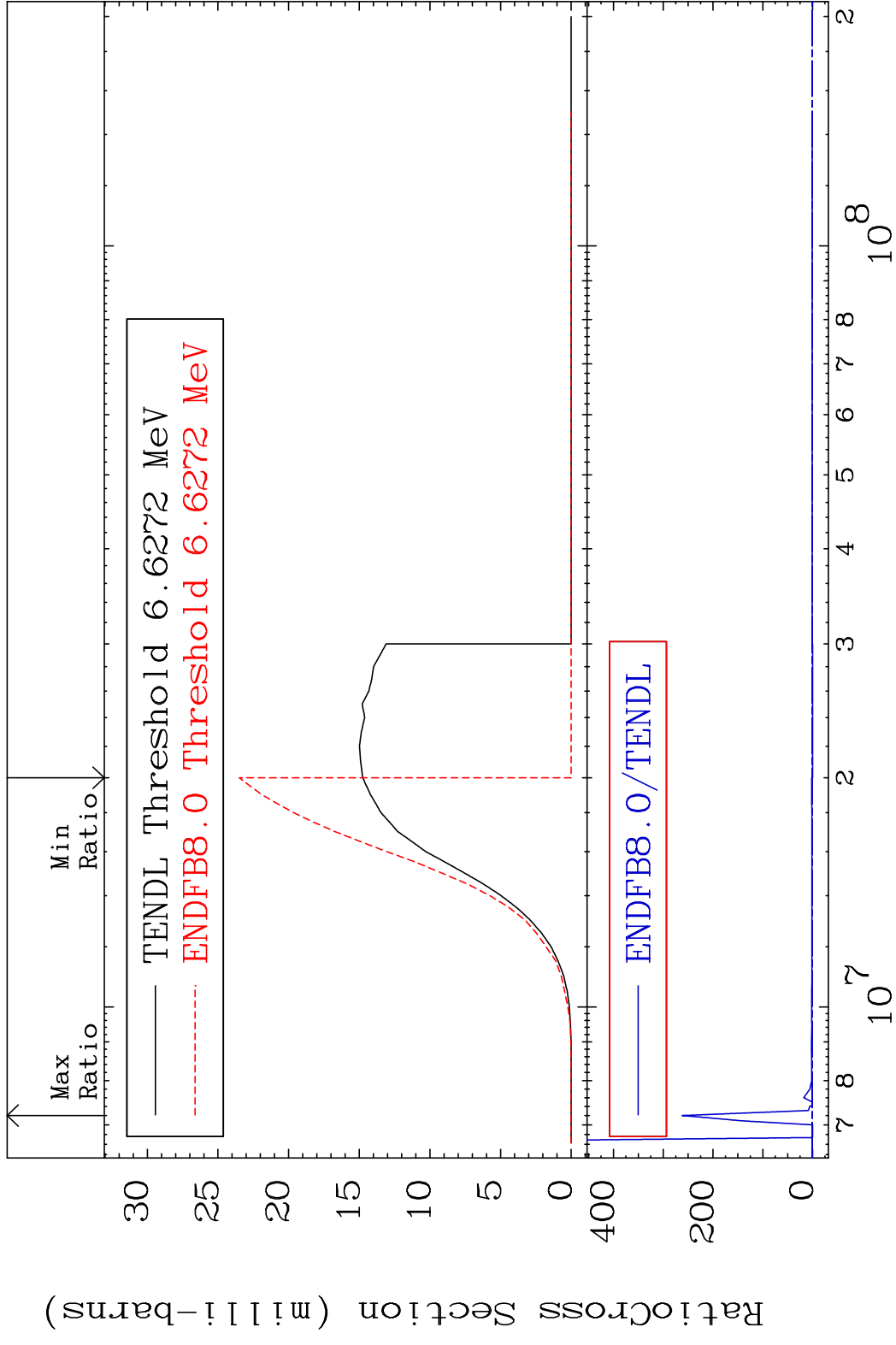


39

Incident Energy (eV)

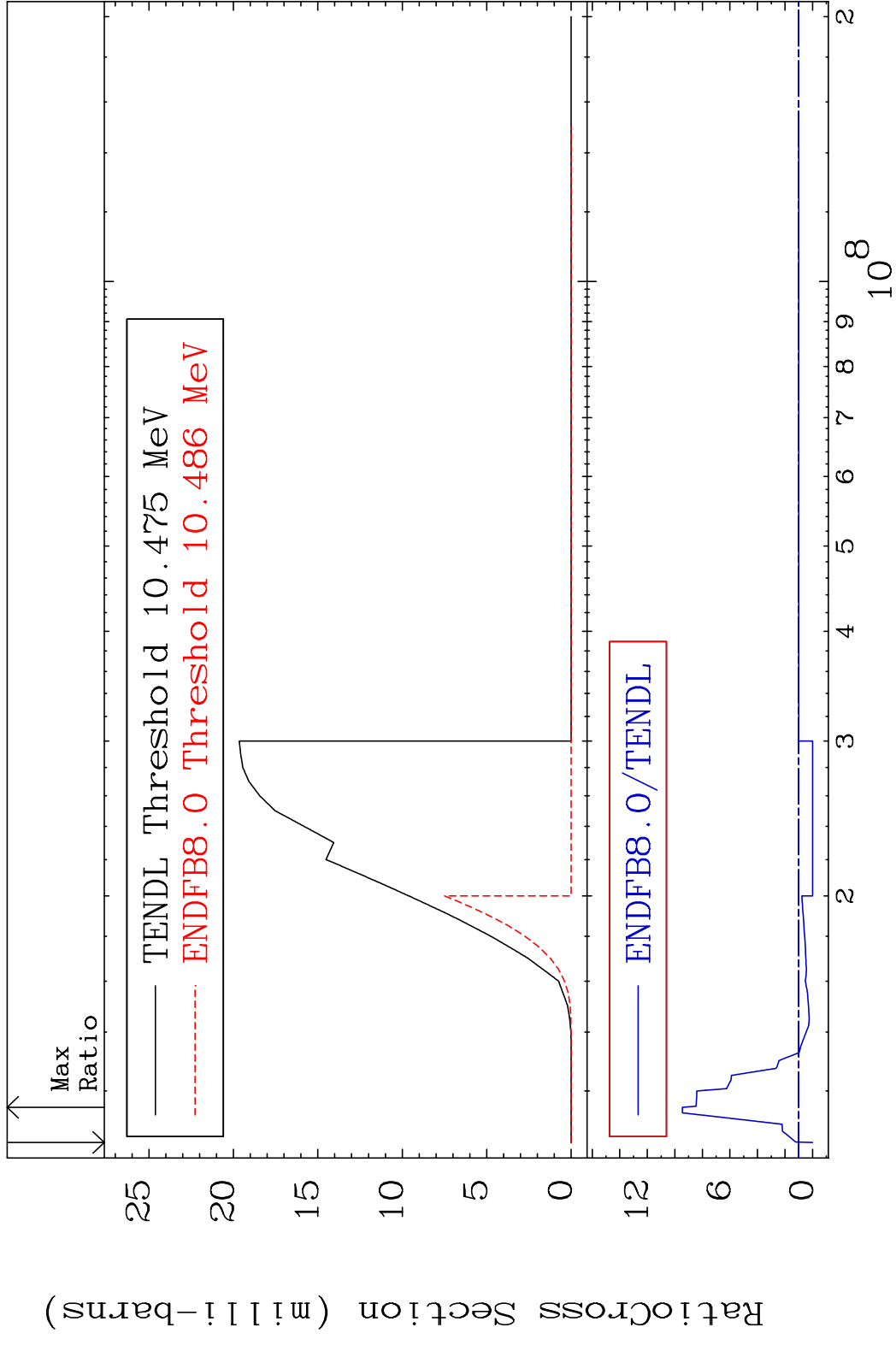
28-Ni-64

MAT 2843 (n,p) 28-Ni-64
 Cross Section -100.0 To 9999. %



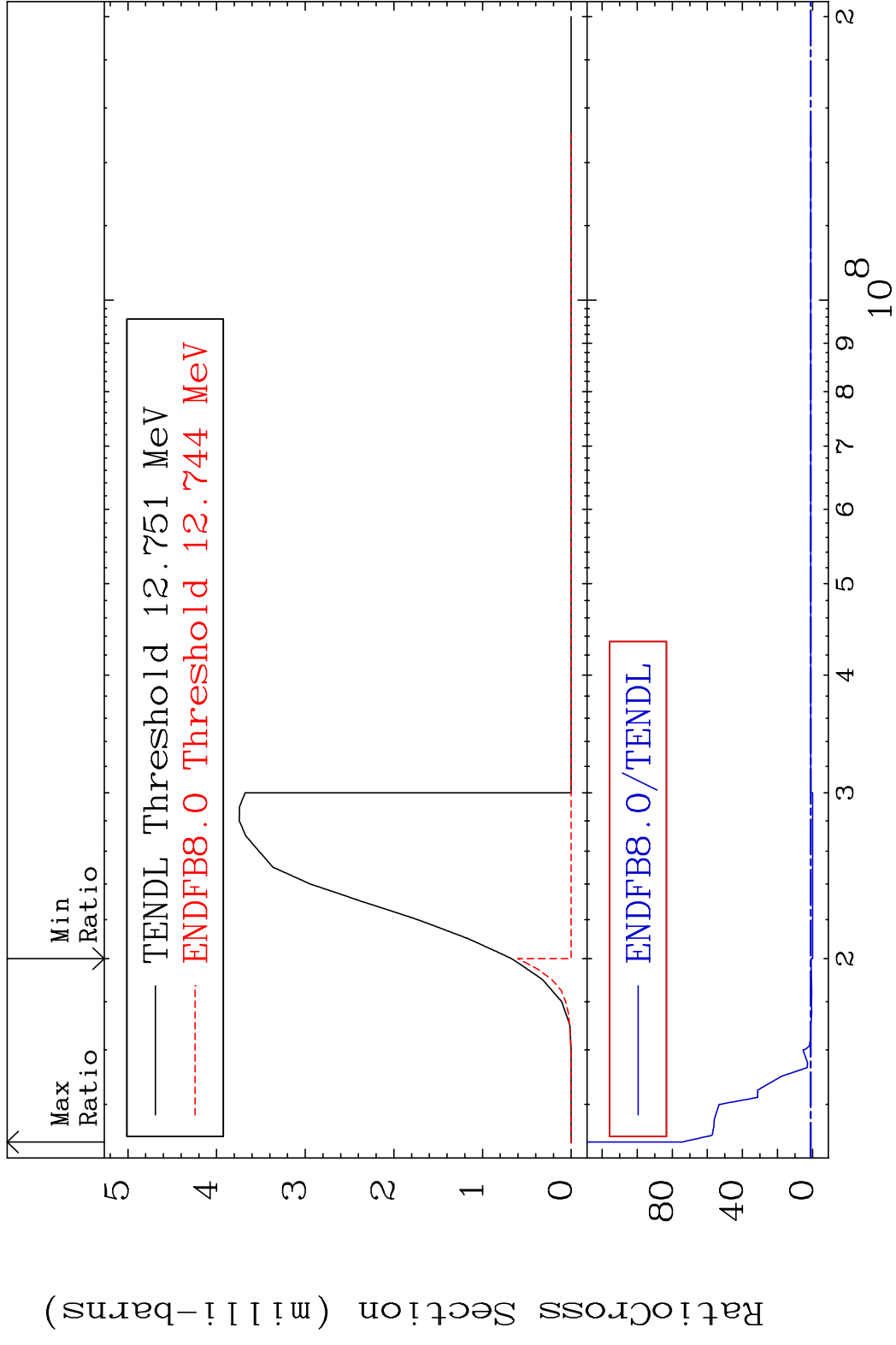
40 28-Ni-64

MAT 2843 (n,d) 28-Ni-64
 Cross Section -100.0 To 845.5 %

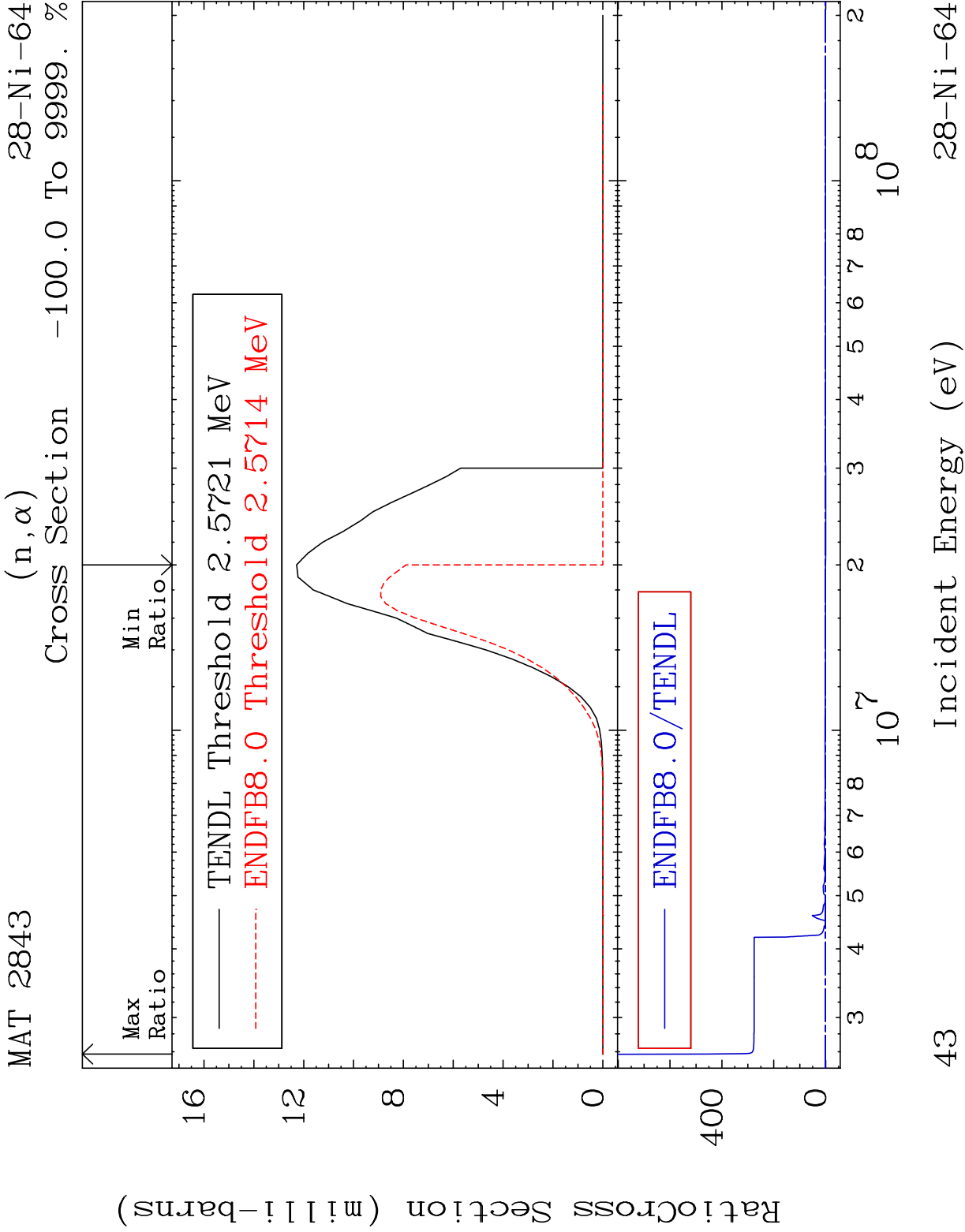


41 Incident Energy (eV) 28-Ni-64

MAT 2843 (n, t) 28-Ni-64
 Cross Section -100.0 To 7326. %



42 28-Ni-64

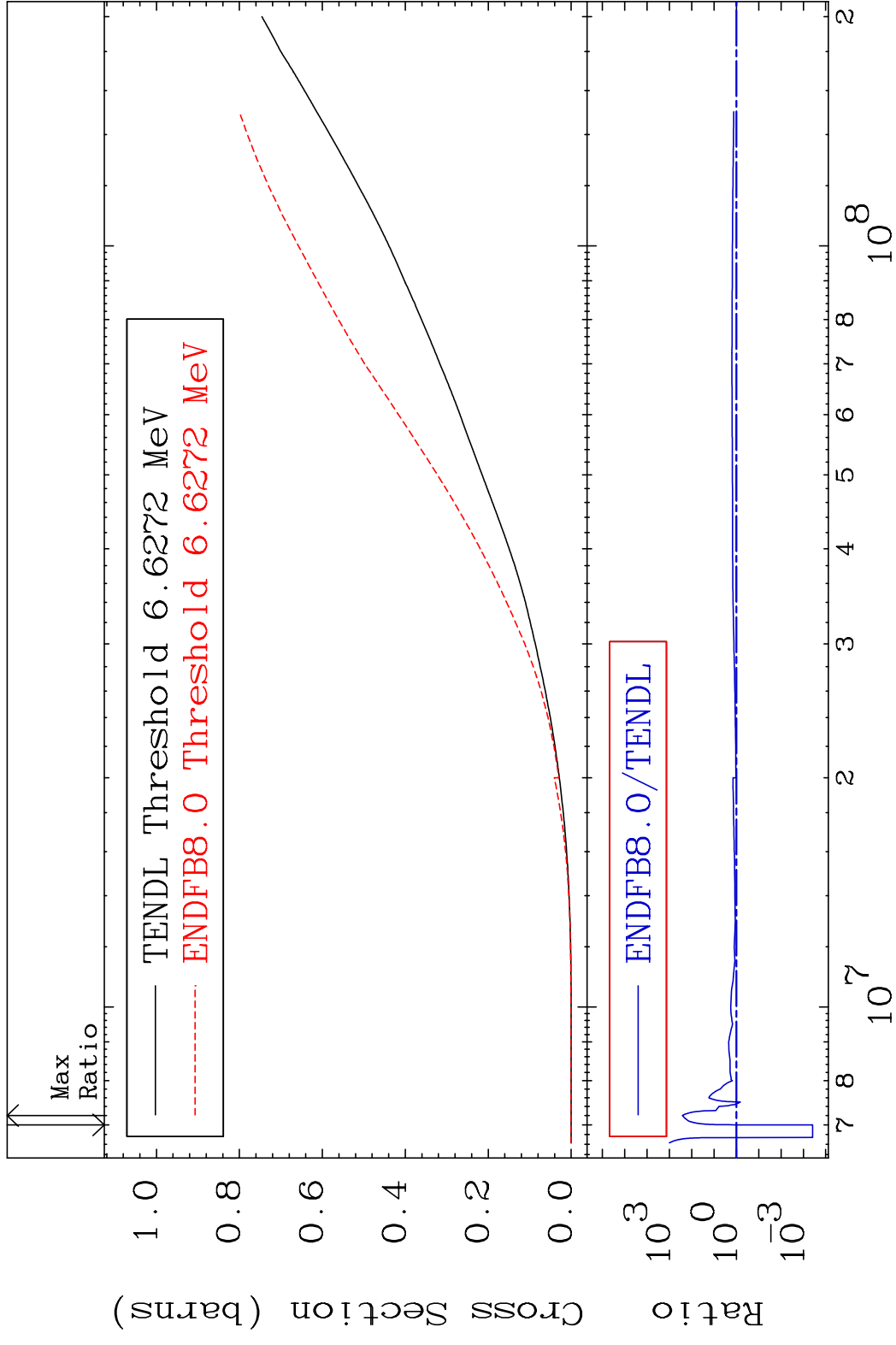


MAT 2843

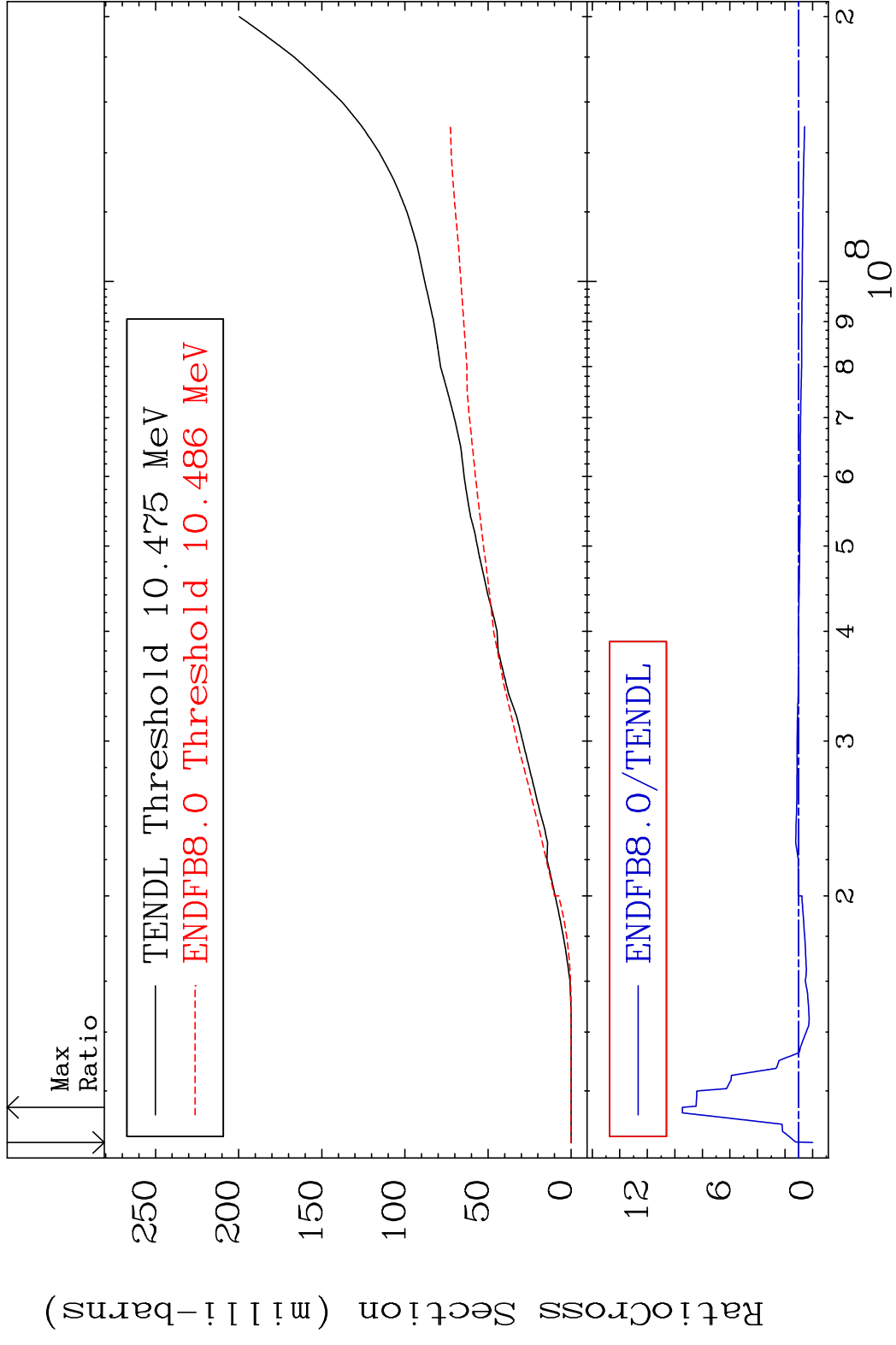
Hydrogen Production

28-Ni-64

Cross Section -99.96 To 9999. %



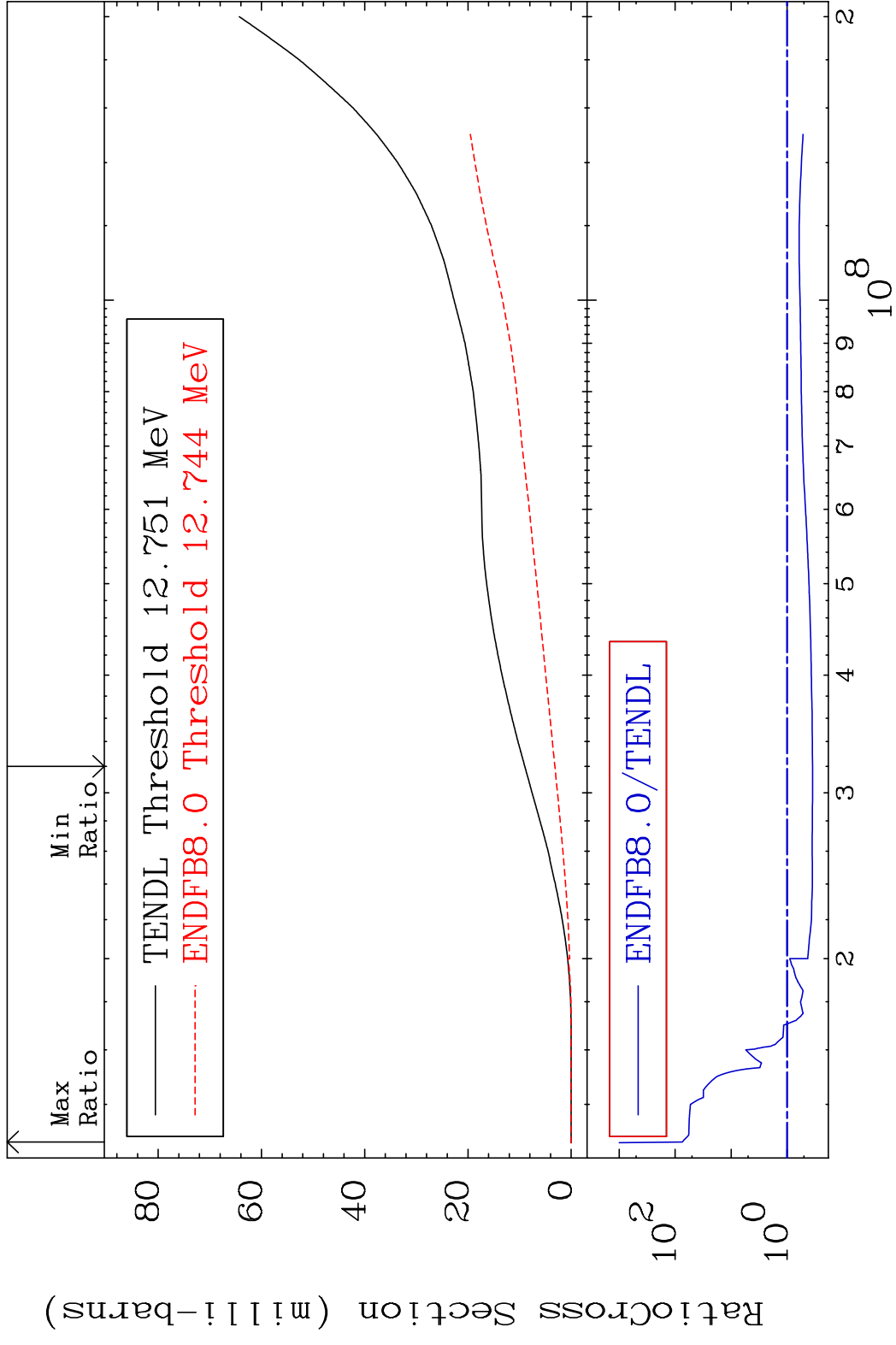
MAT 2843 Deuterium Production 28-Ni-64
 Cross Section -100.0 To 845.5 %



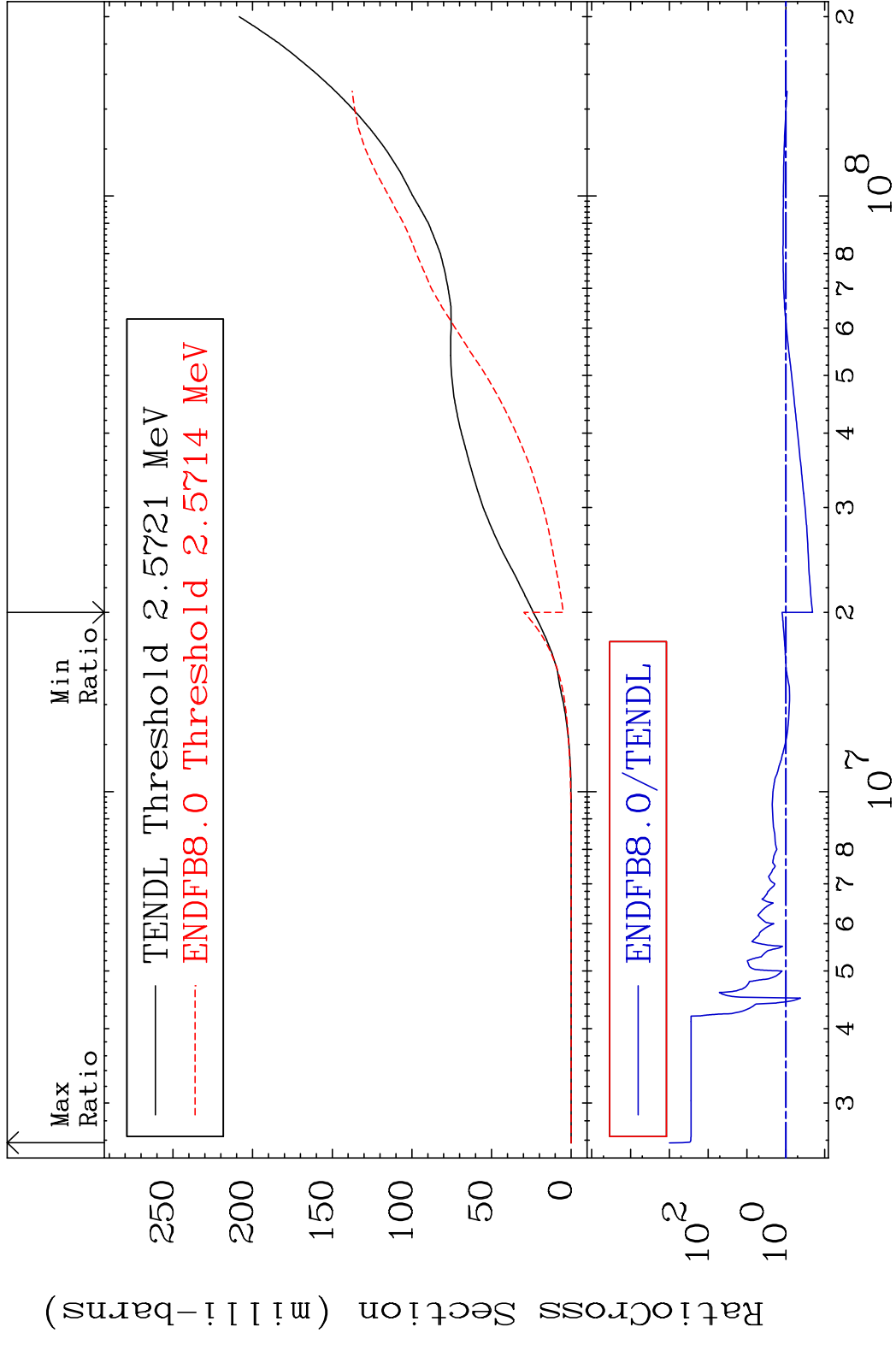
45 28-Ni-64

MAT 2843

Tritium Production 28-Ni-64
Cross Section -64.91 To 7326. %

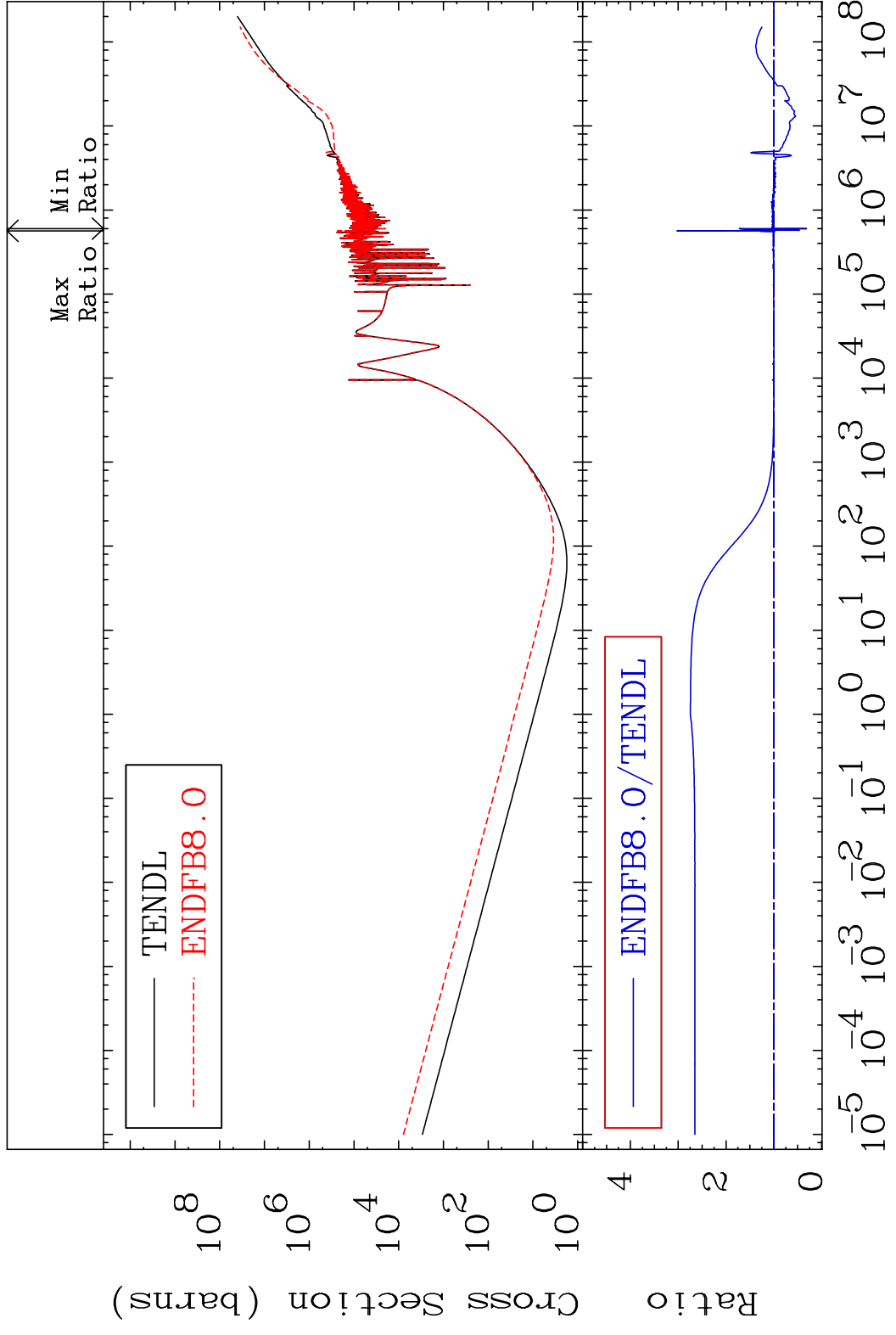


MAT 2843 He-4 Production 28-Ni-64
 Cross Section -79.46 To 9999. %



47 28-Ni-64

MAT 2843 Kerma total (eV-barns) 28-Ni-64
 Cross Section -68.21 To 202.1 %

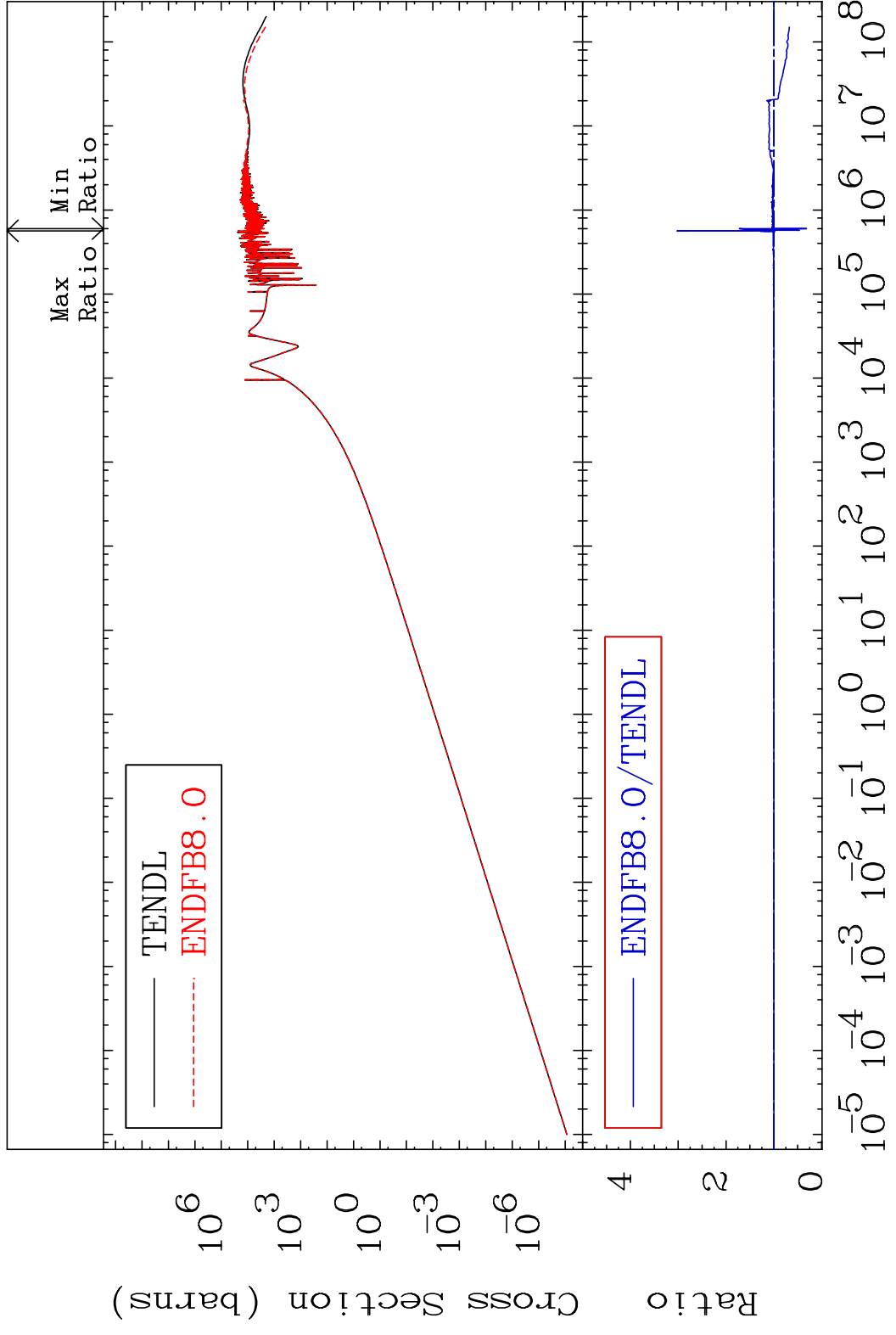


48 Incident Energy (eV) 28-Ni-64

MAT 2843

Kerma elastic
Cross Section

28-Ni-64
-68.21 To 202.1 %

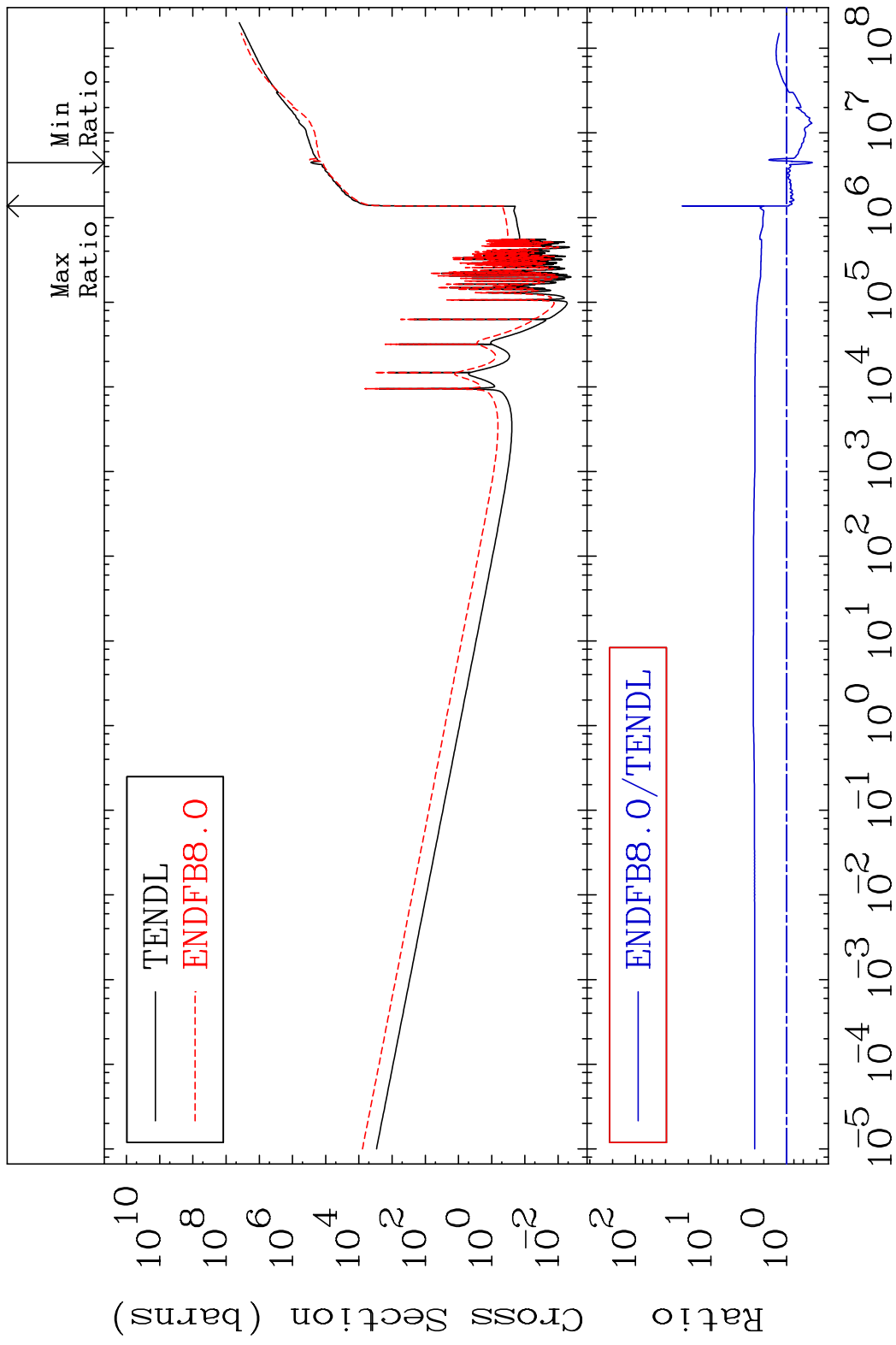


49

Incident Energy (eV)

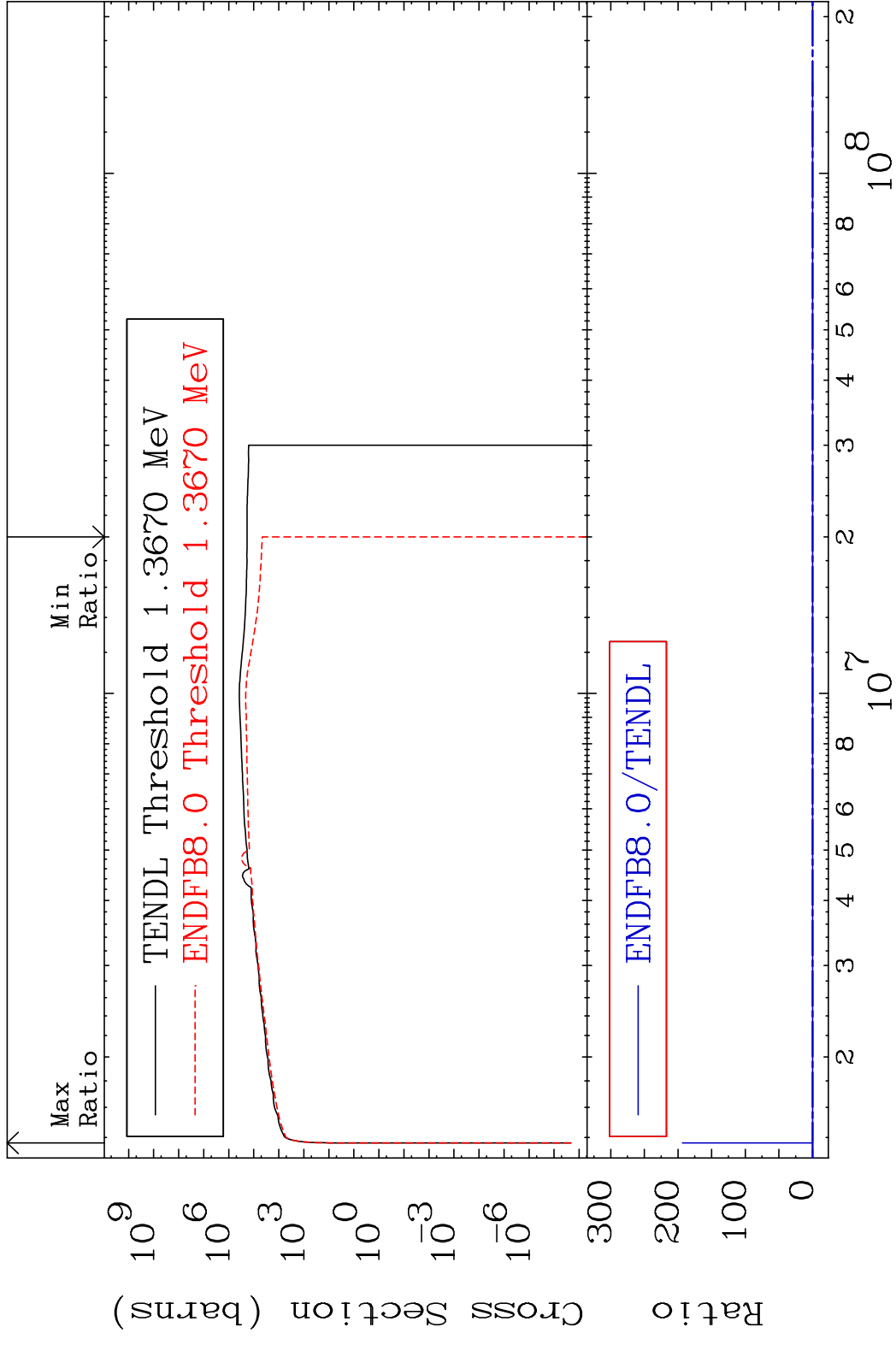
28-Ni-64

MAT 2843 Kerma non-elastic (all but mt2) 28-Ni-64
 Cross Section -54.65 To 2291. %

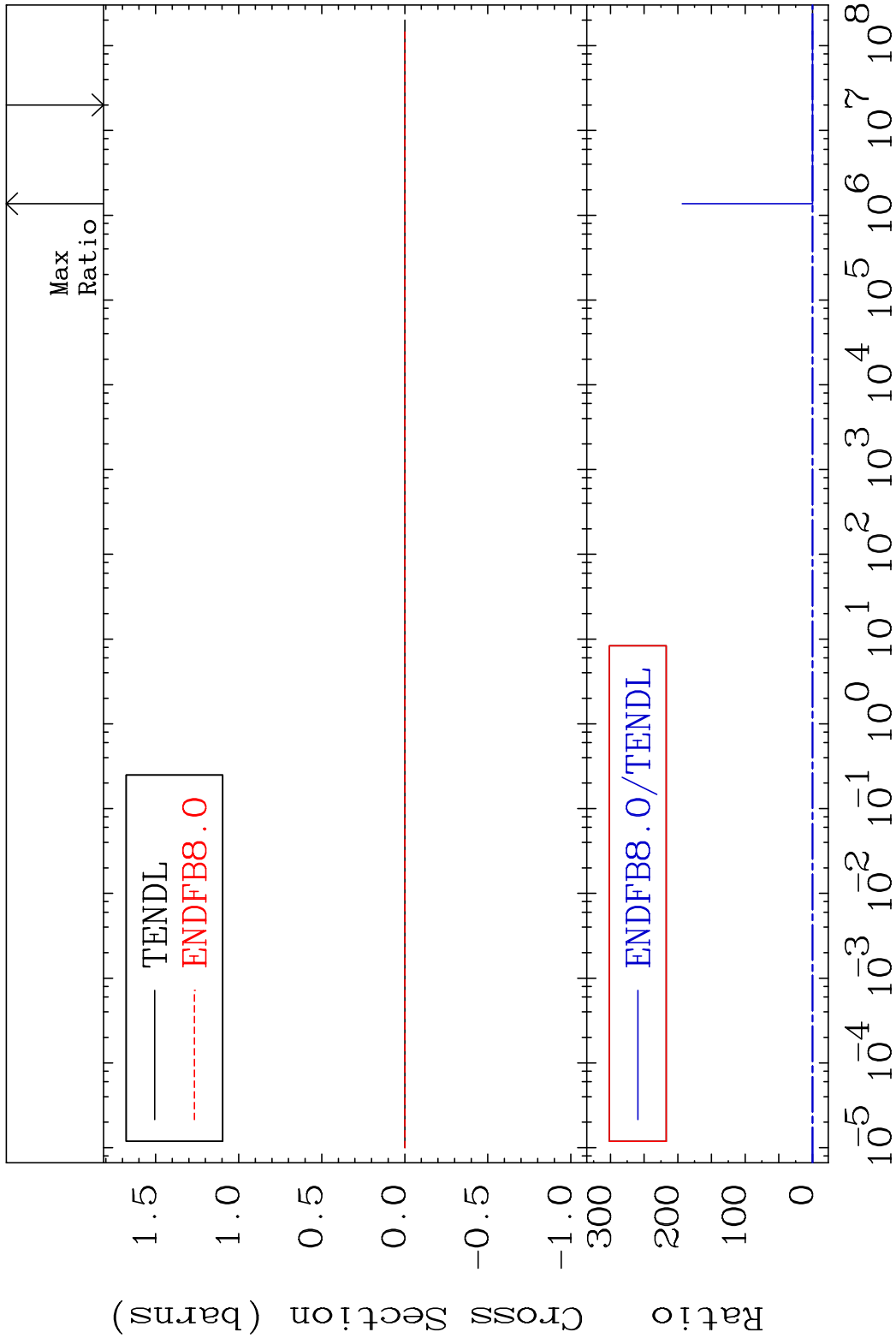


50 Incident Energy (eV) 28-Ni-64

MAT 2843 Kerma inelastic (mt51-91) 28-Ni-64
 Cross Section -100.0 To 9999. %



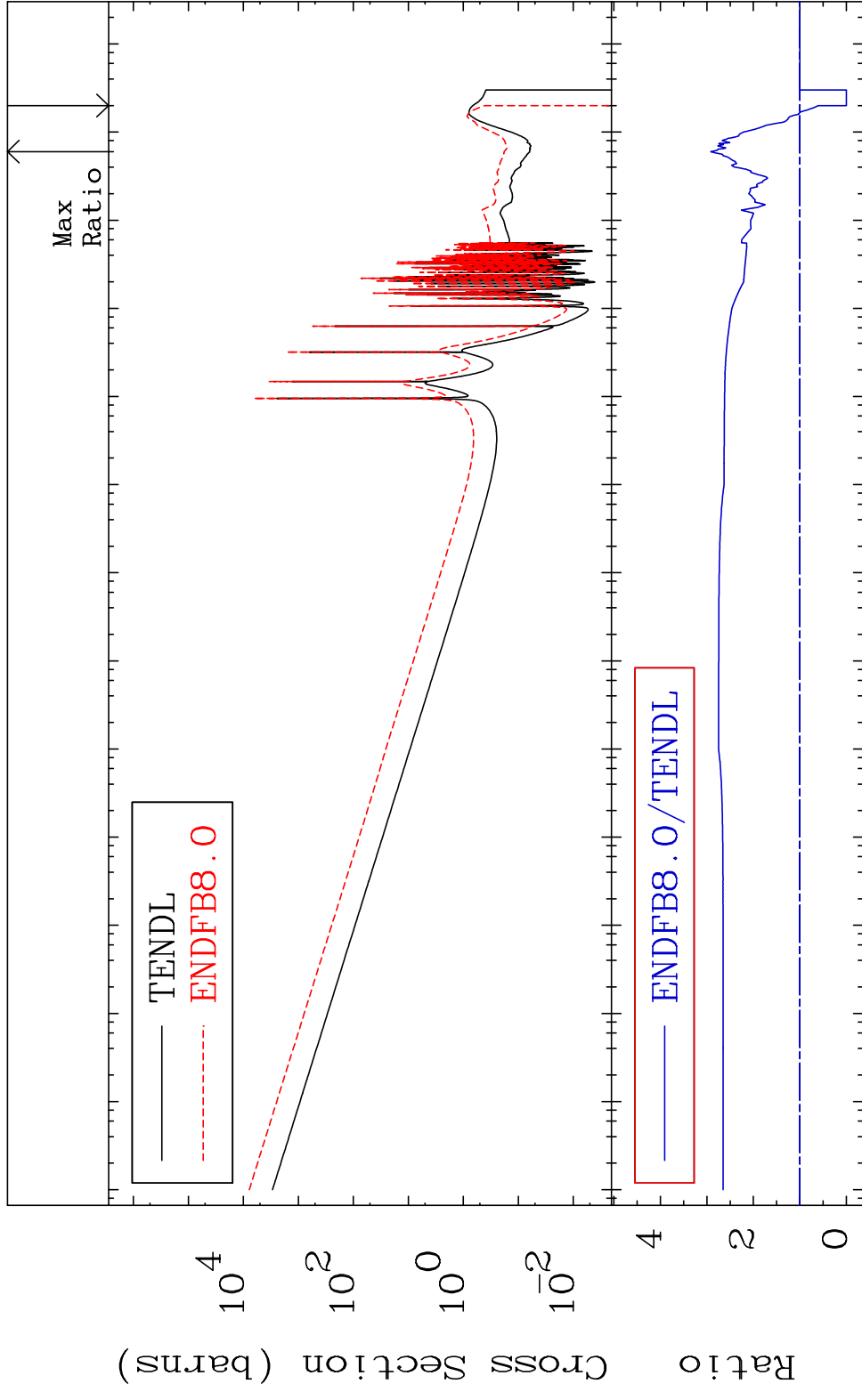
MAT 2843 Kerma fission (mt18 or mt19-20-21-38) 28-Ni-64
 Cross Section -100.0 To 9999. %



MAT 2843

Kerma capture (mt102) 28-Ni-64

Cross Section -100.0 To 191.7 %



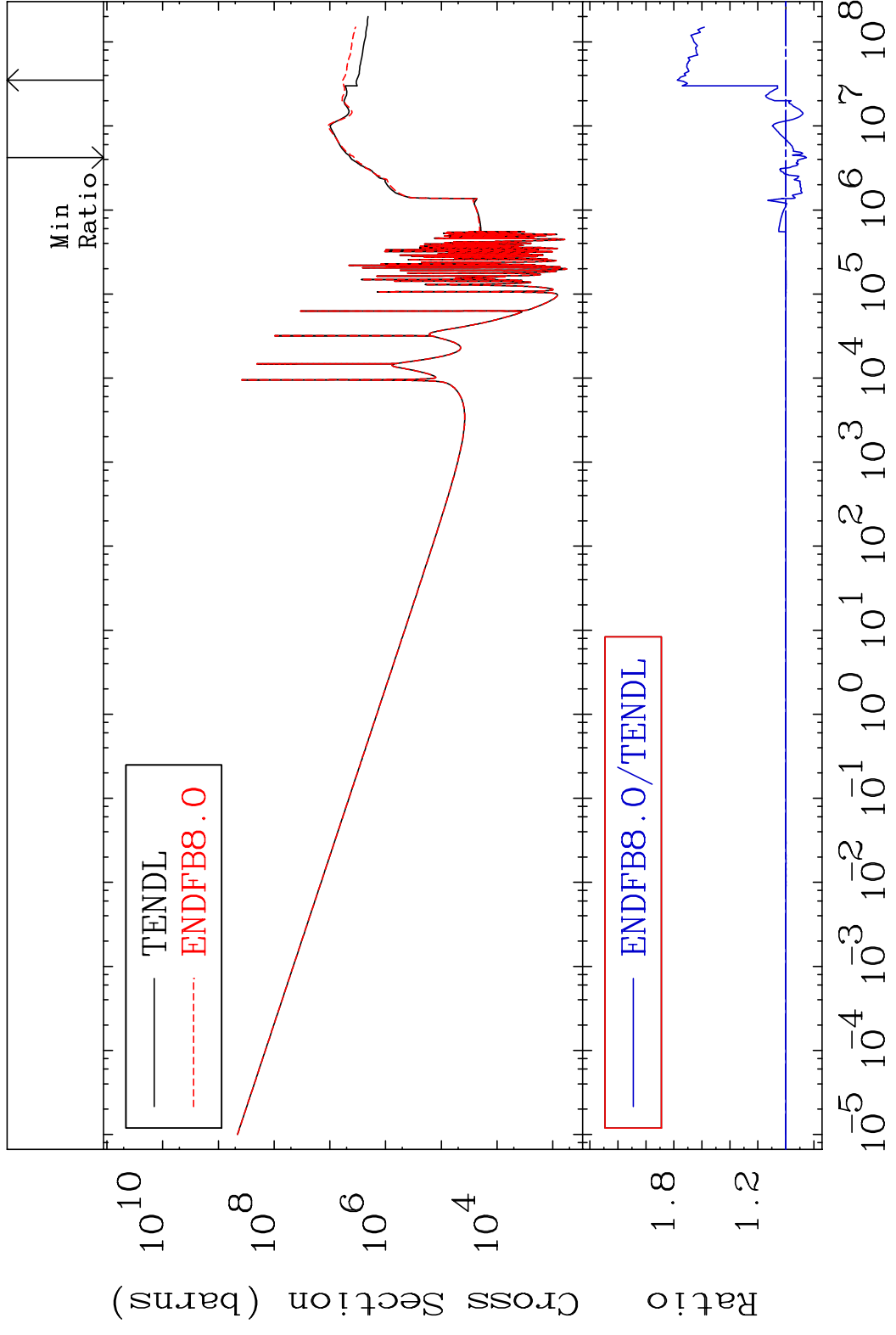
53

Incident Energy (eV)

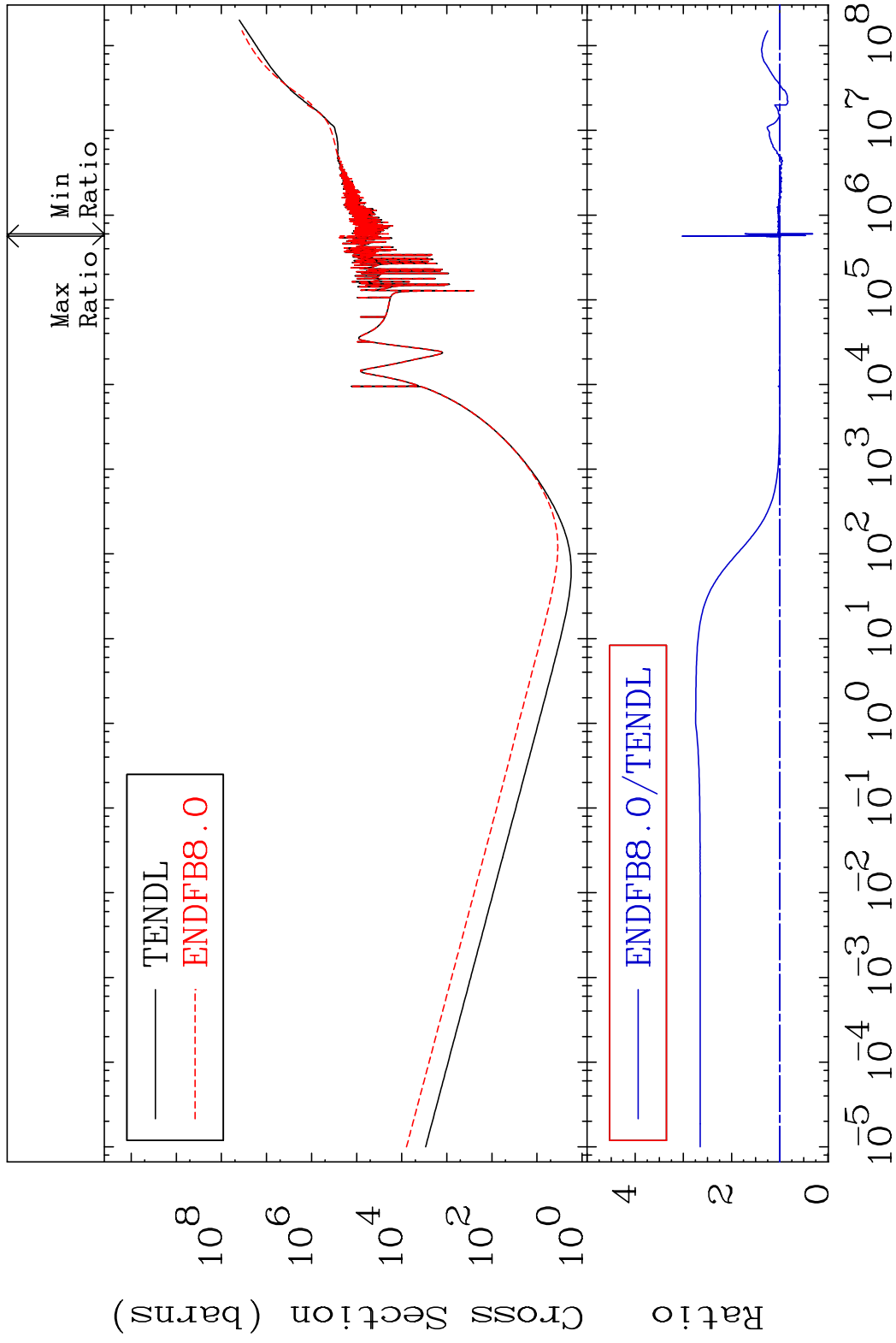
28-Ni-64

MAT 2843

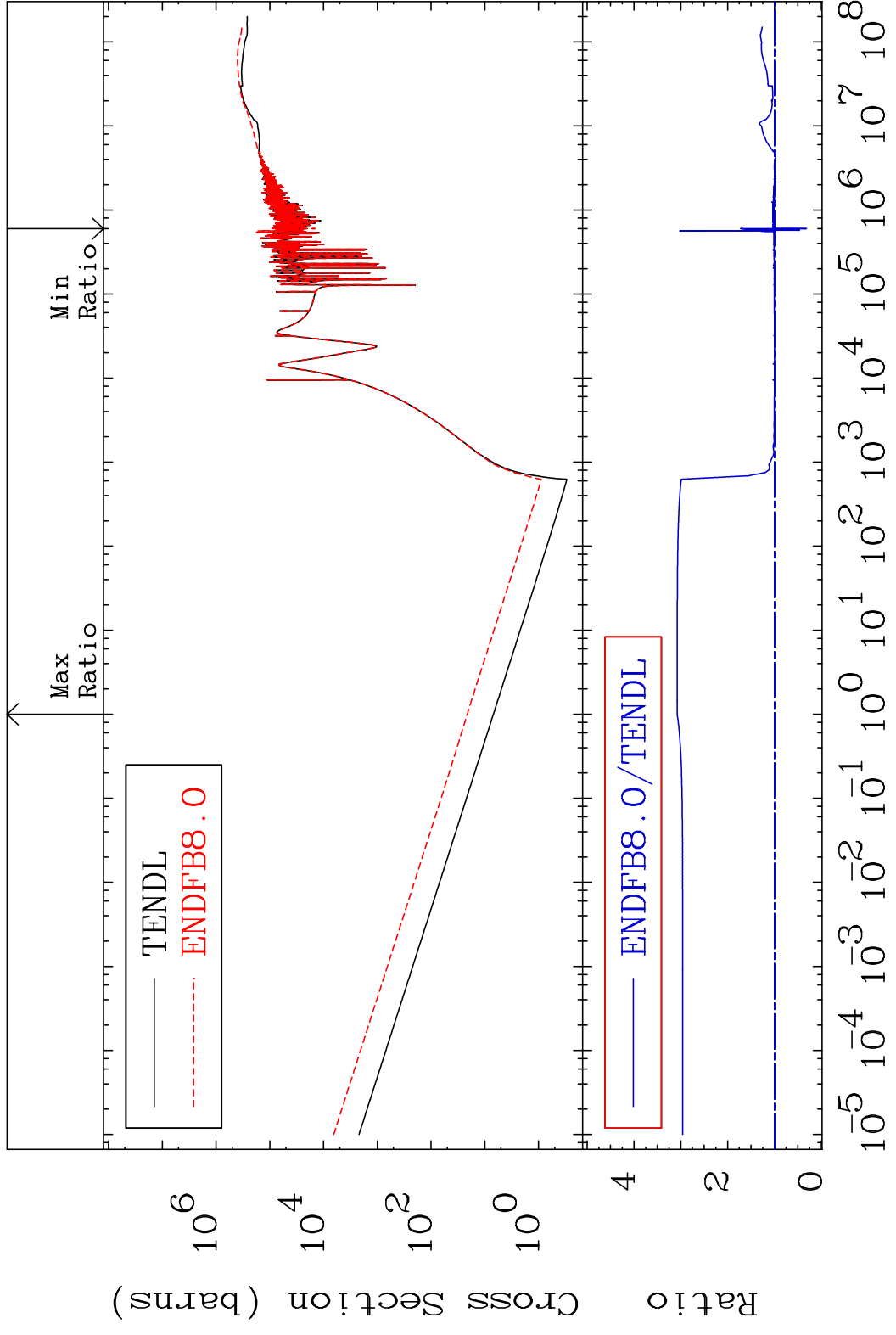
Total photon (eV-barns) 28-Ni-64
Cross Section -14.66 To 77.66 %



MAT 2843 Total kinematic kerma (high limit) 28-Ni-64
 Cross Section -68.21 To 202.1 %



MAT 2843 Dpa total (eV-barns) 28-Ni-64
 Cross Section -68.23 To 207.7 %



56 Incident Energy (eV) 28-Ni-64

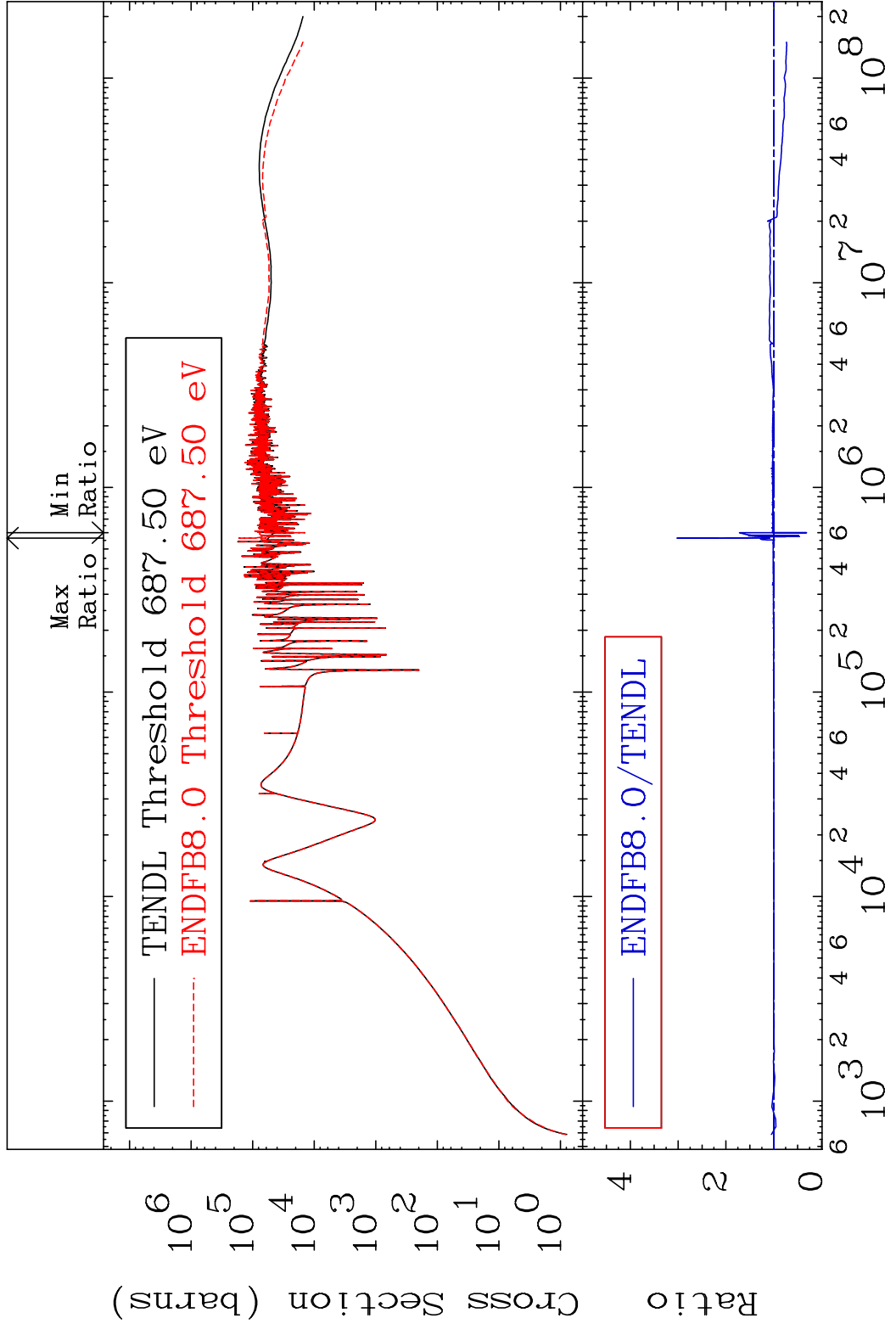
MAT 2843

Dpa elastic (mt2)

28-Ni-64

Cross Section

-68.23 To 201.9 %

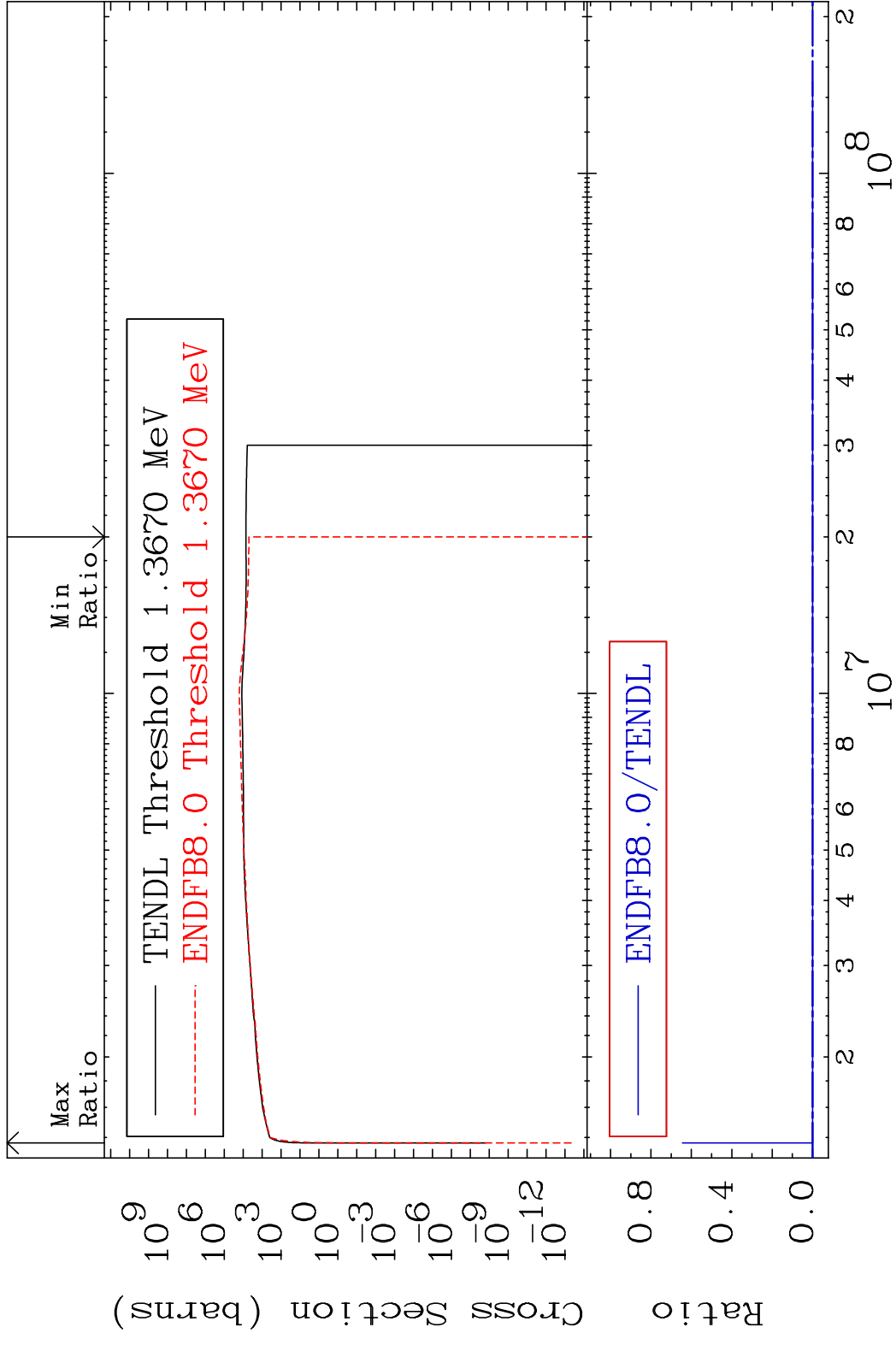


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Incident Energy (eV)

28-Ni-64

MAT 2843 Dpa inelastic (mt51-91) 28-Ni-64
 Cross Section -100.0 To 9999. %



MAT 2843 Dpa disappearance (mt102 -120) 28-Ni-64
 Cross Section -100.0 To 207.7 %

