

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

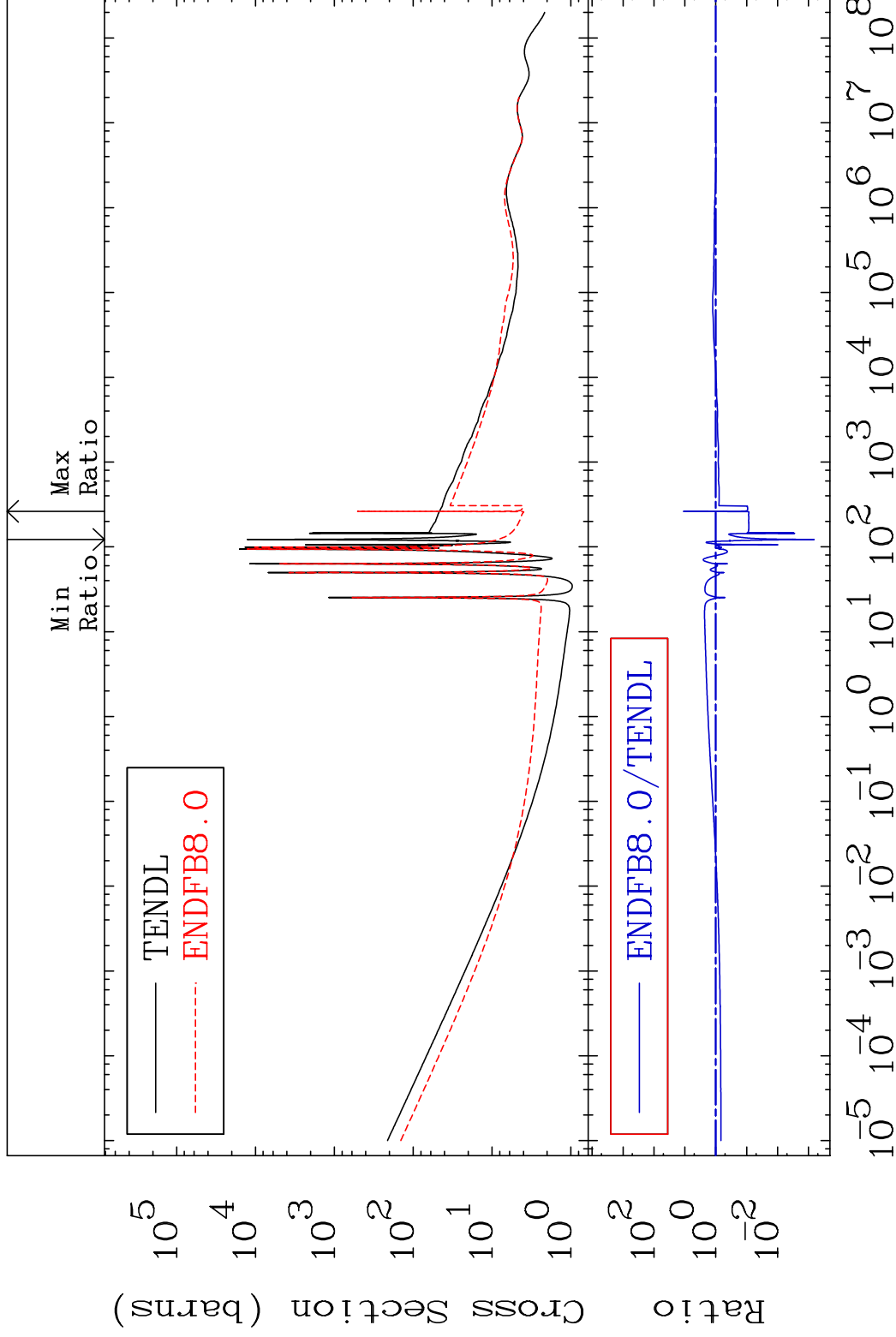
MAT 5634

Total

56-Ba-133

Cross Section

-99.93 To 994.6 %



1

Incident Energy (eV)

56-Ba-133

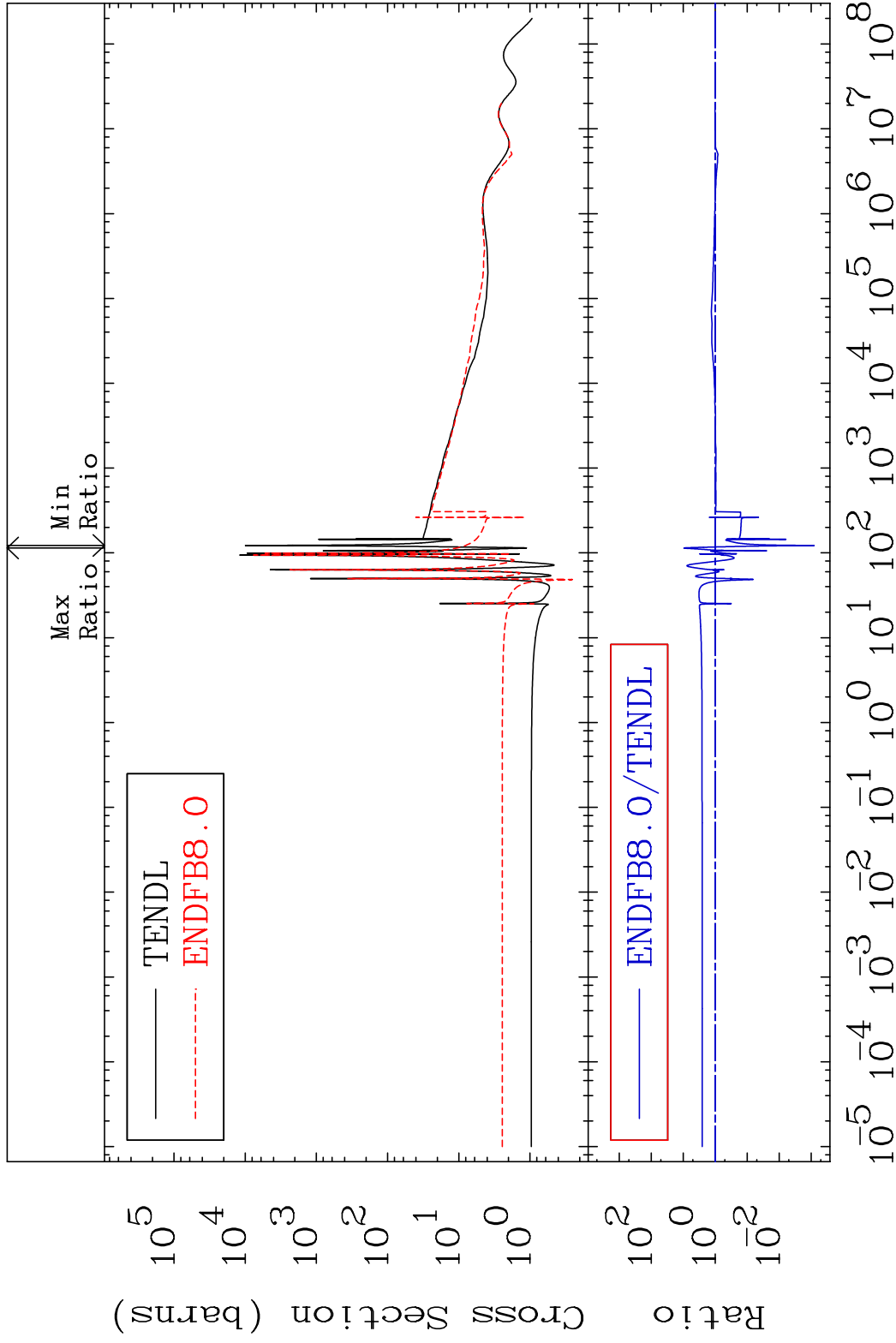
MAT 5634

Elastic

56-Ba-133

Cross Section

-99.92 To 866.0 %

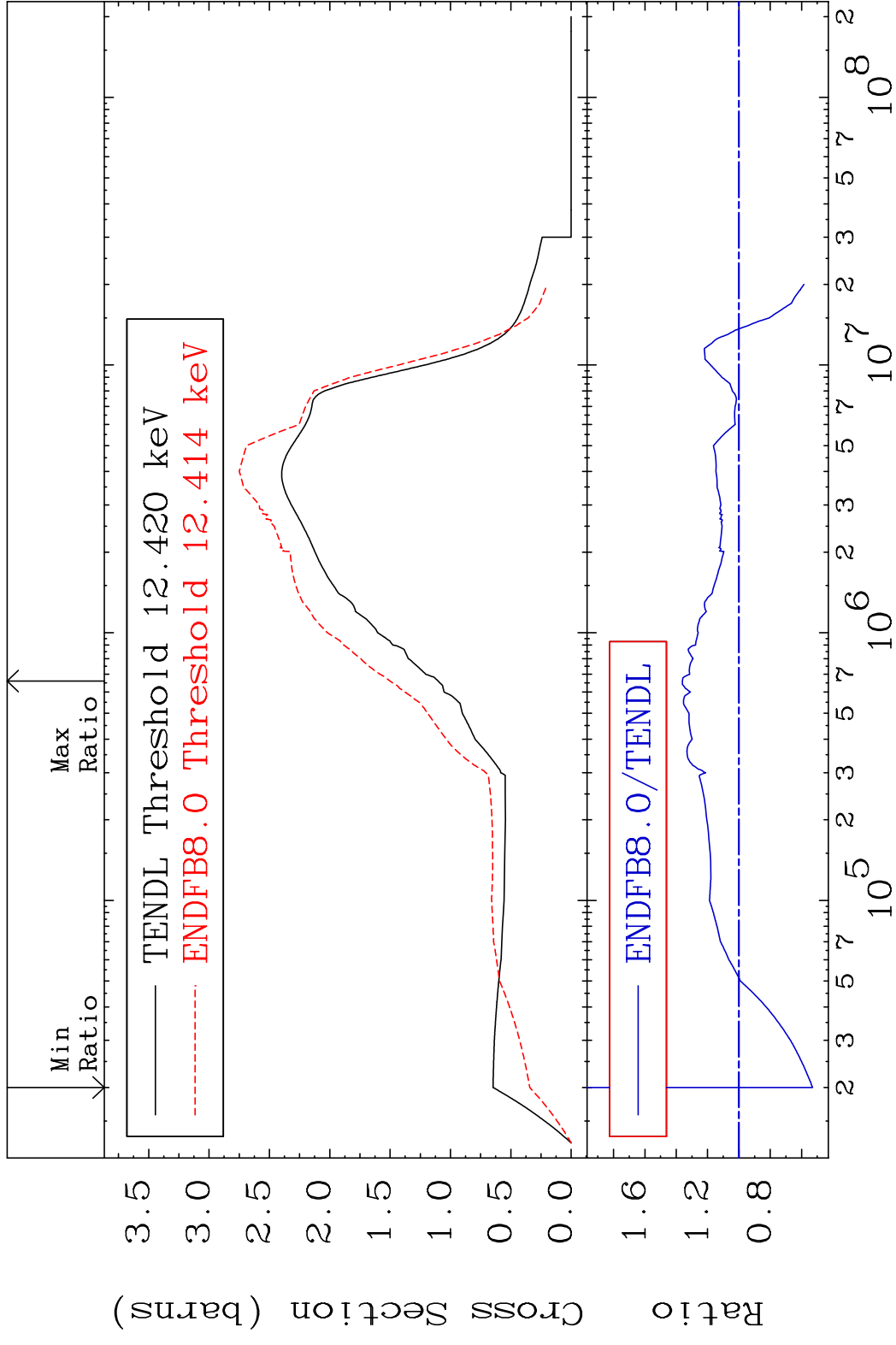


2

Incident Energy (eV)

56-Ba-133

MAT 5634 Inelastic 56-Ba-133
 Cross Section -47.00 To 36.09 %

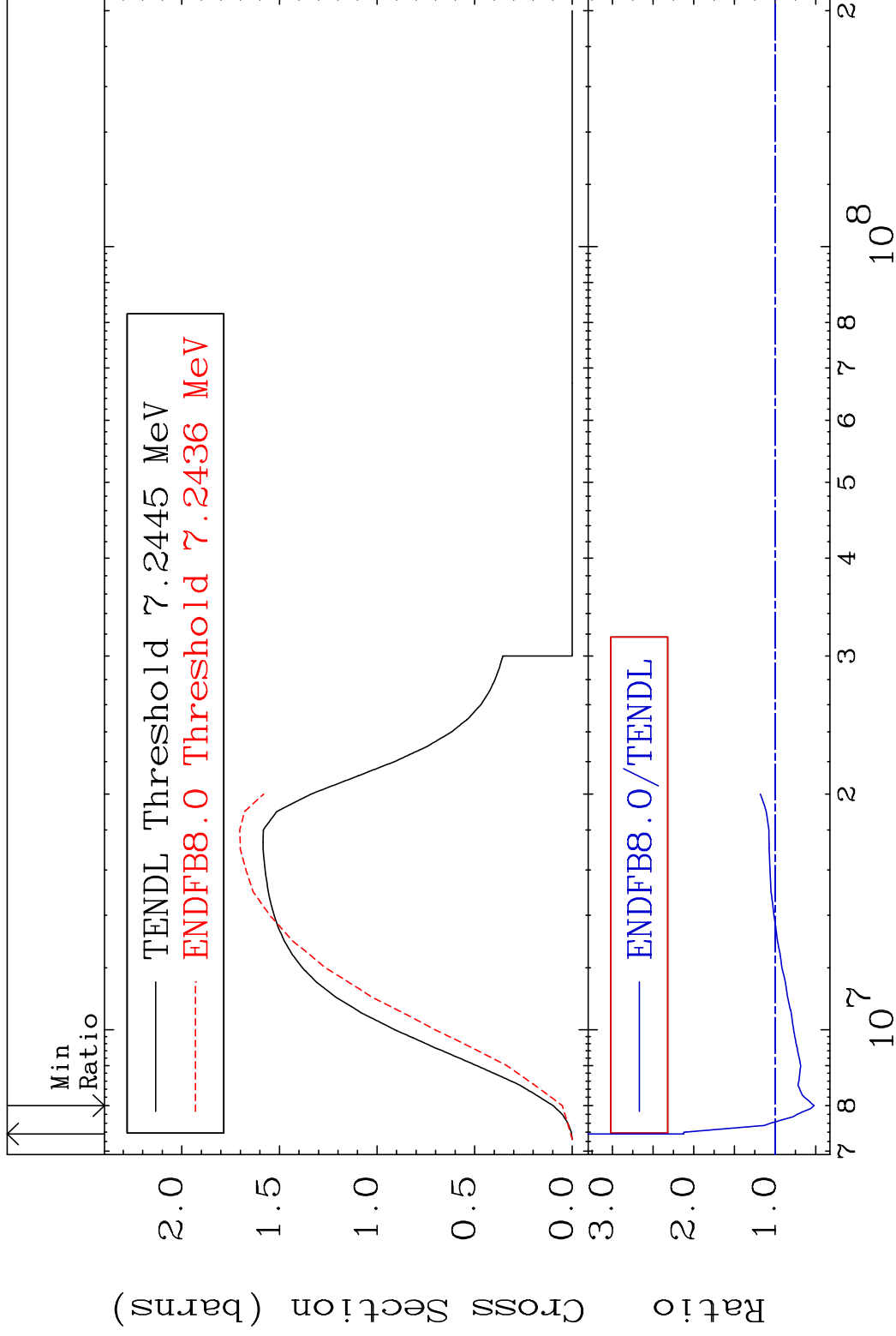


MAT 5634

(n,2n)

56-Ba-133

Cross Section -47.92 To 112.4 %



4

Incident Energy (eV)

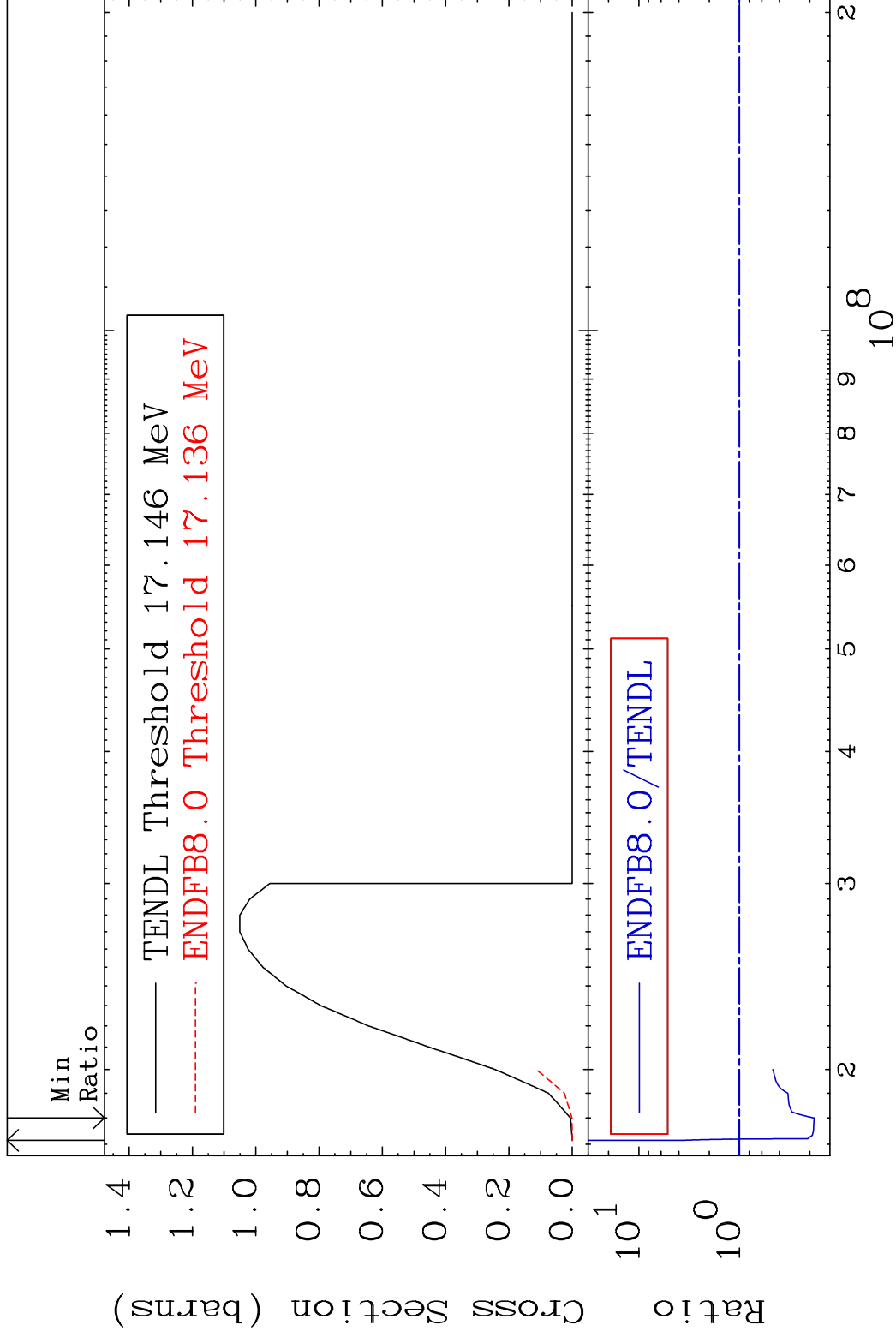
56-Ba-133

MAT 5634

(n,3n)

56-Ba-133

Cross Section -81.87 To 258.6 %



5

Incident Energy (eV)

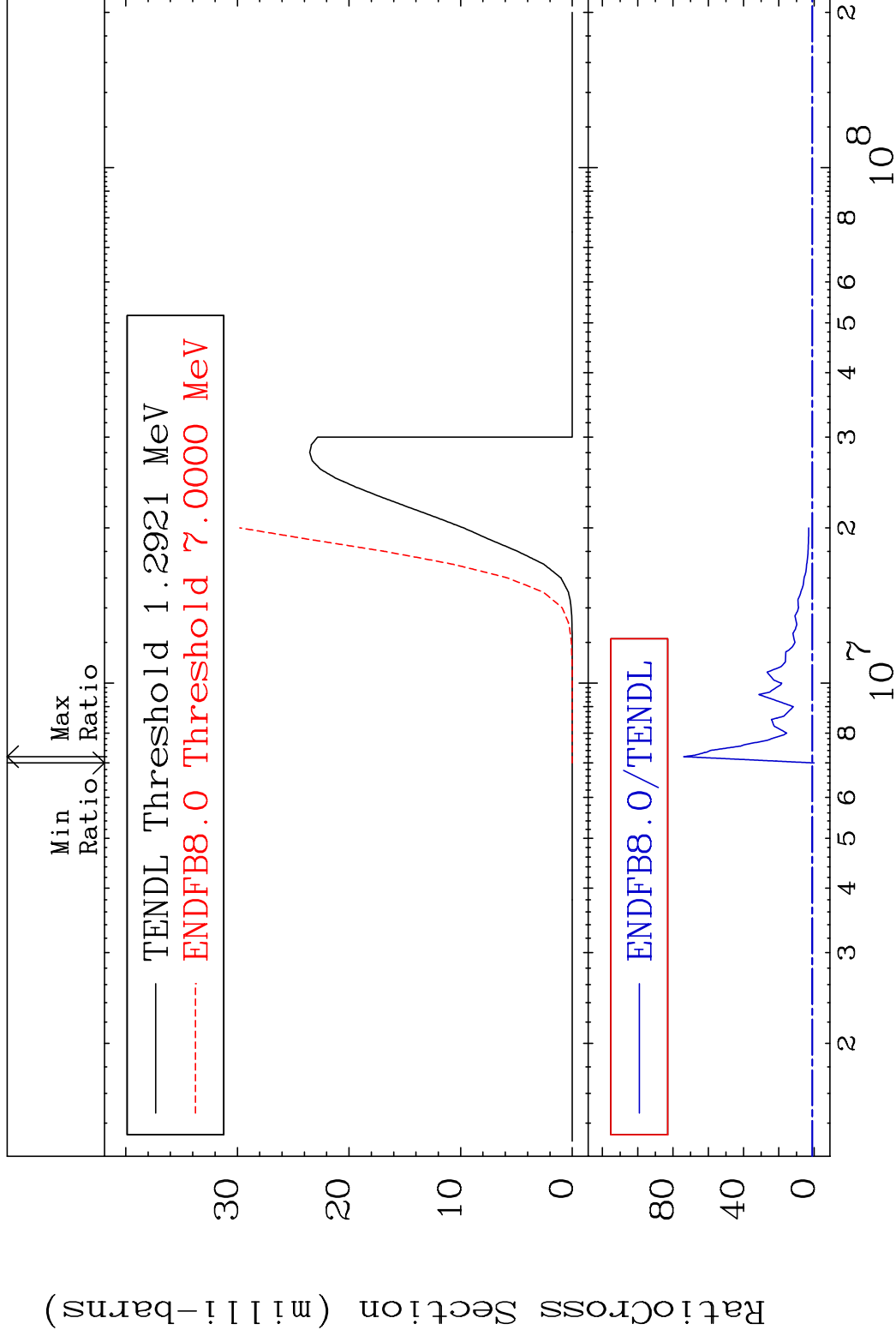
56-Ba-133

MAT 5634

(n, n') α

56-Ba-133

Cross Section -100.0 To 7295. %



6

Incident Energy (eV)

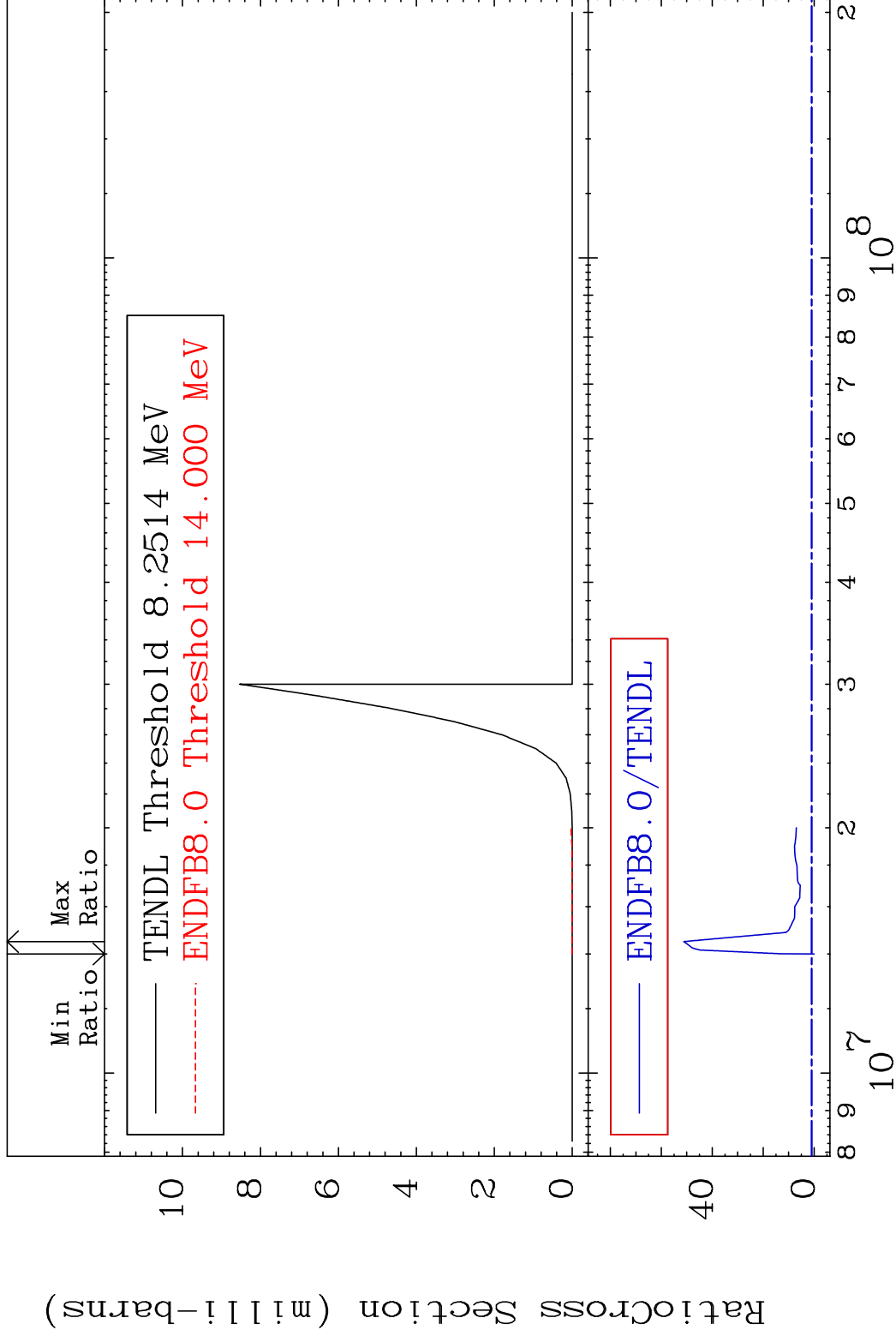
56-Ba-133

MAT 5634

(n,2n) α

56-Ba-133

Cross Section -100.0 To 5022. %



7

Incident Energy (eV)

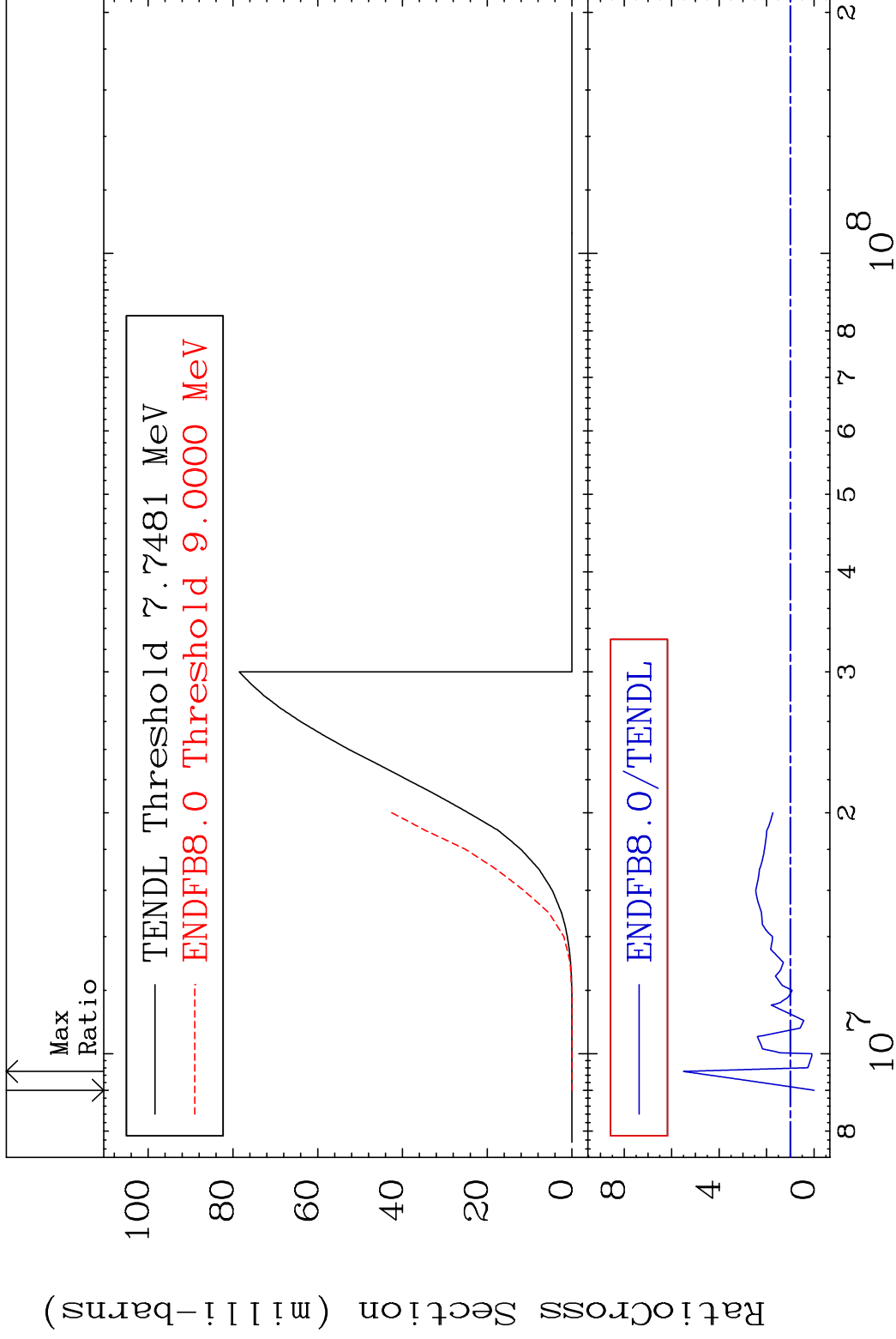
56-Ba-133

MAT 5634

(n, n') p

56-Ba-133

Cross Section -100.0 To 450.3 %



8

Incident Energy (eV)

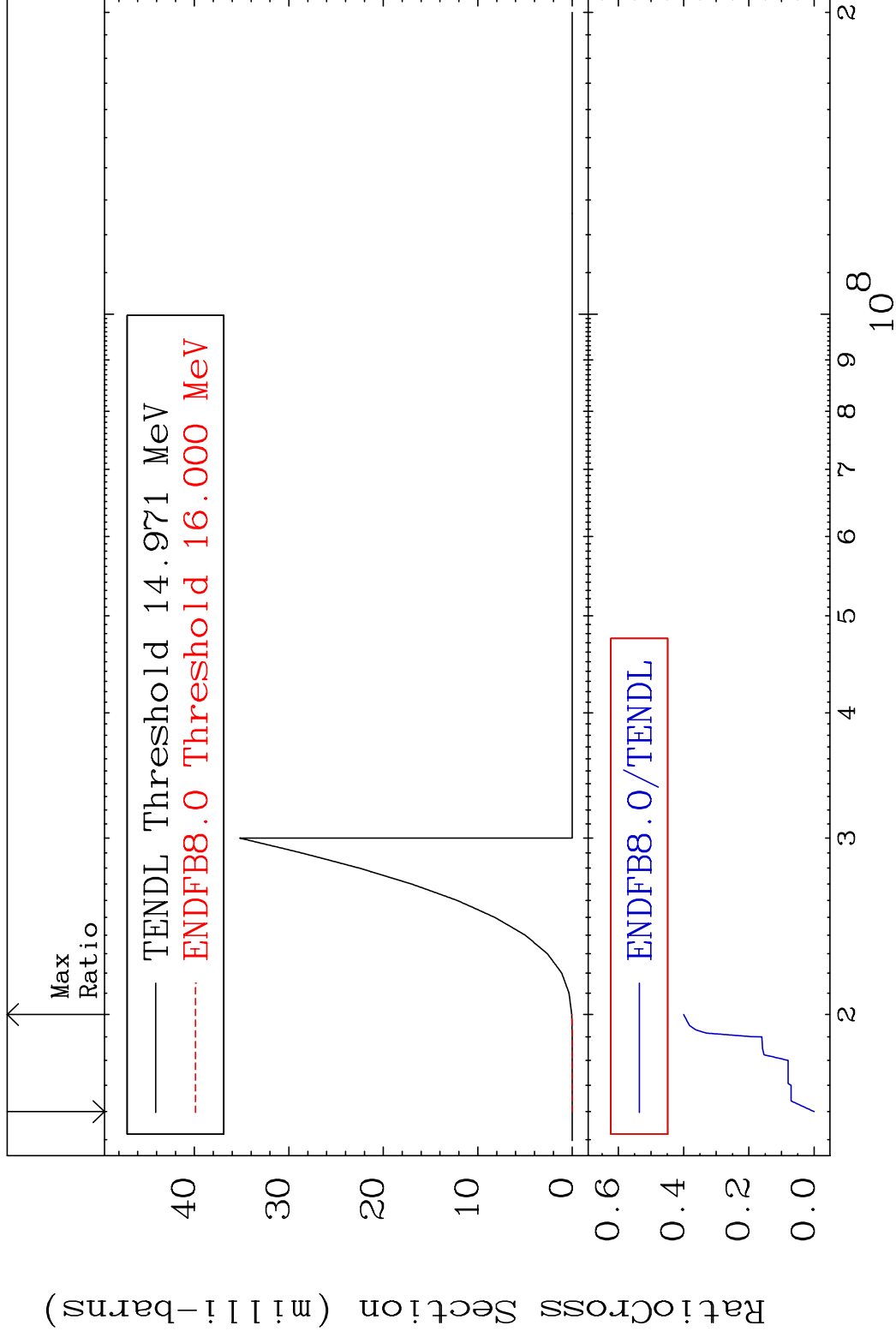
56-Ba-133

MAT 5634

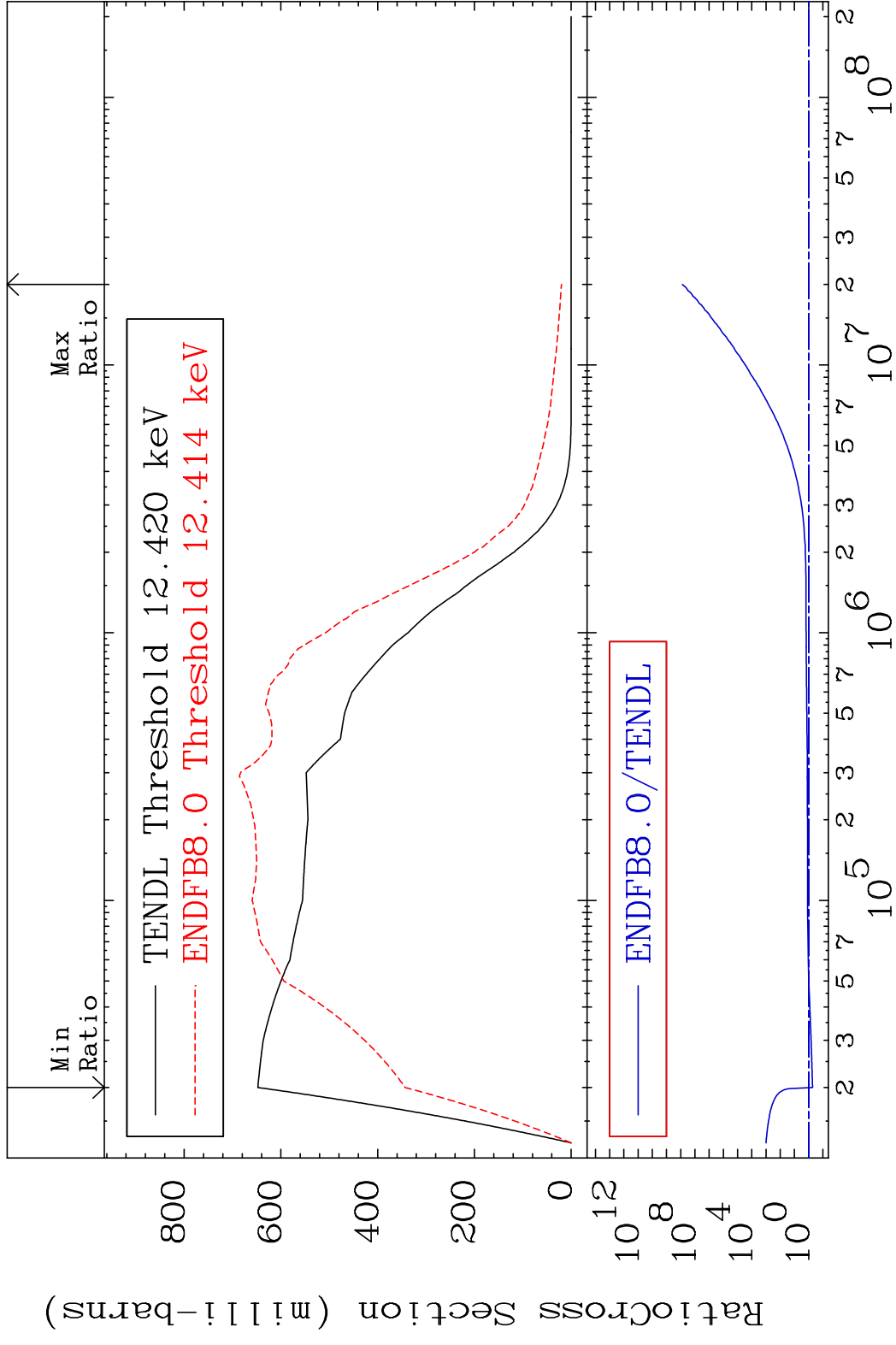
(n,2n) p

56-Ba-133

Cross Section -100.0 To -60.02%

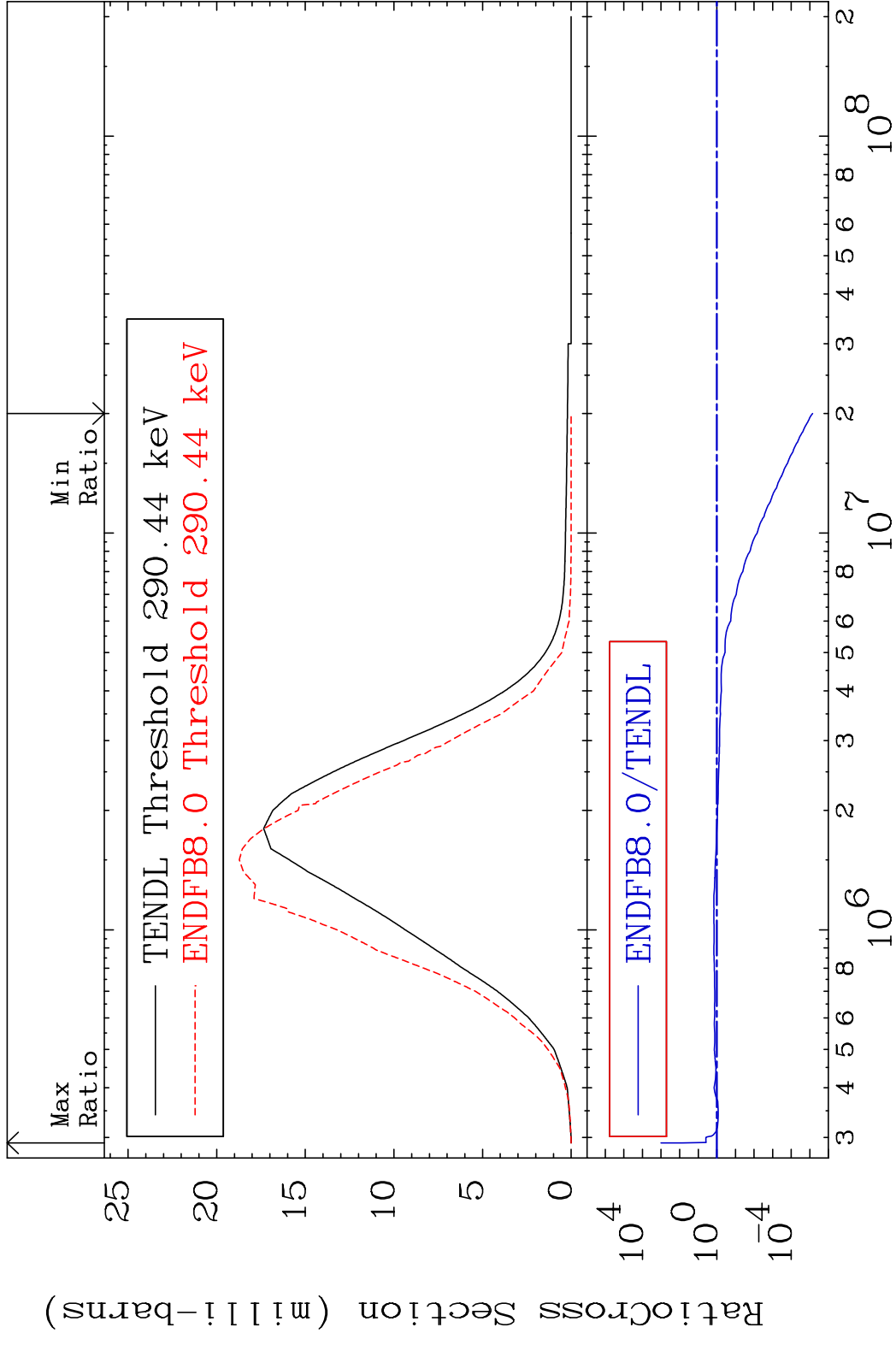


MAT 5634 MT= 51 (n, n') Level 56-Ba-133
 Cross Section -47.00 To 9999. %

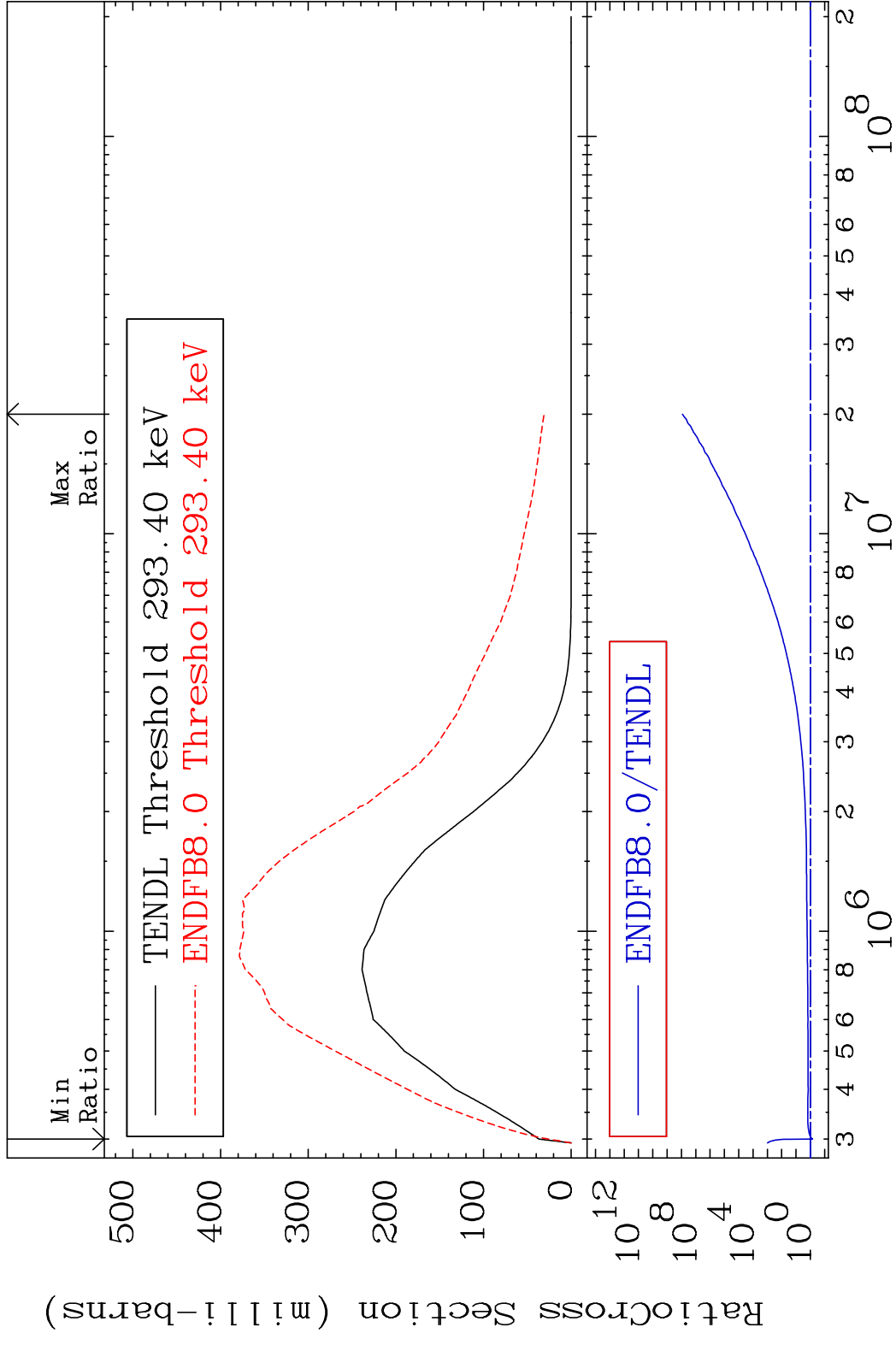


10 Incident Energy (eV) 56-Ba-133

MAT 5634 MT= 52 (n,n') Level 56-Ba-133
 Cross Section -100.0 To 7054. %



MAT 5634 MT= 53 (n, n') Level 56-Ba-133
 Cross Section -30.31 To 9999. %

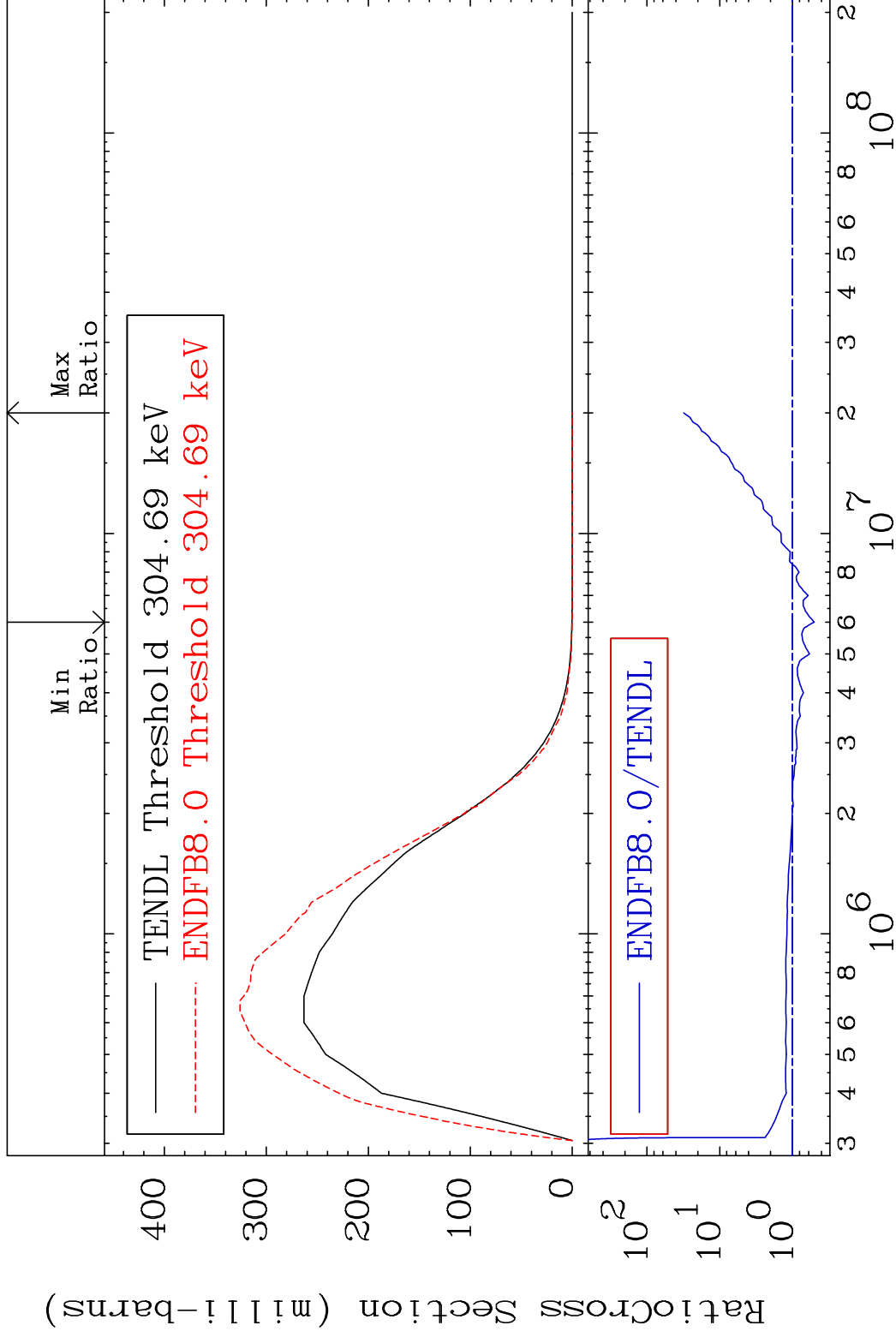


MAT 5634

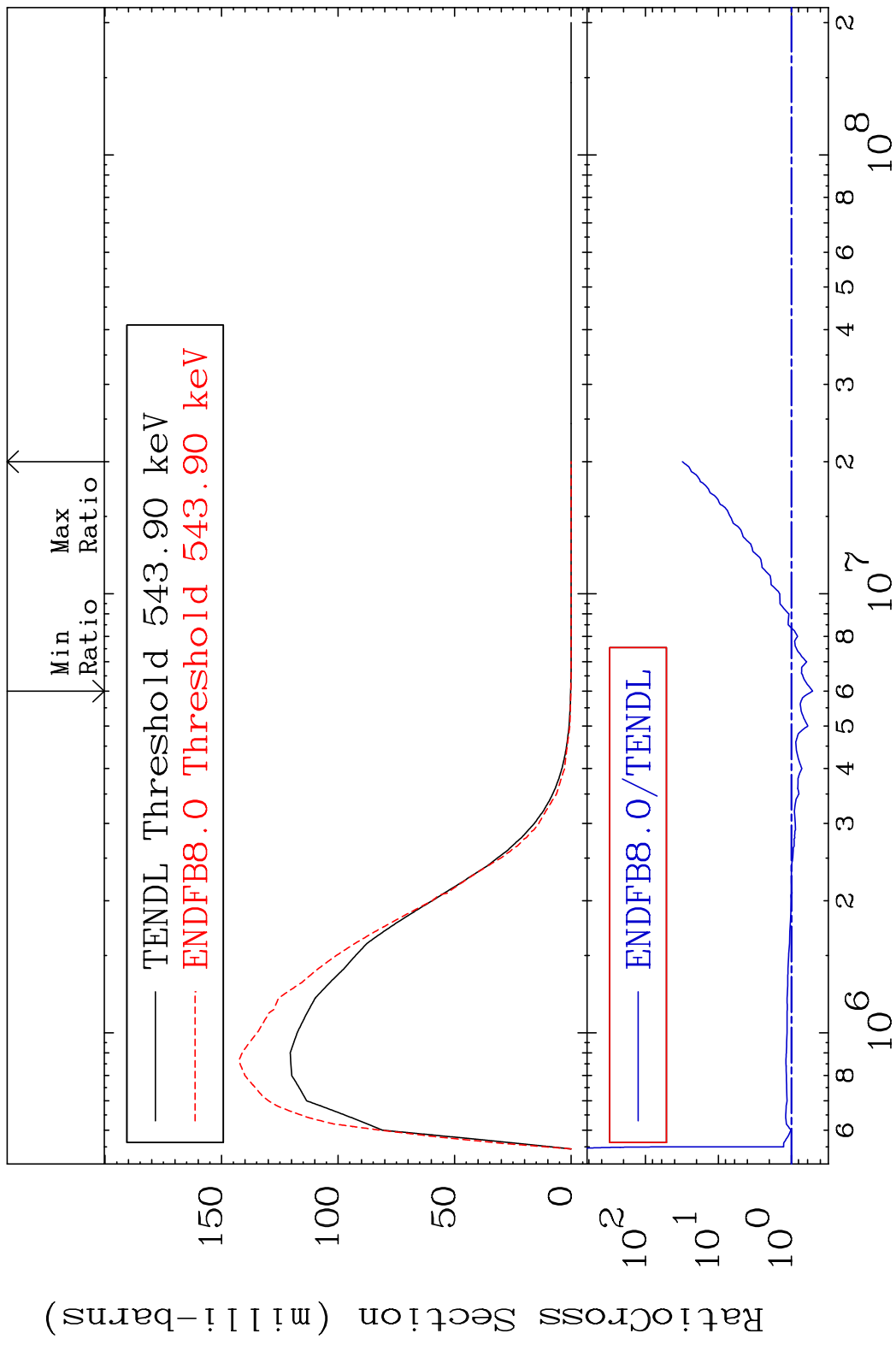
MT= 54 (n,n') Level

56-Ba-133

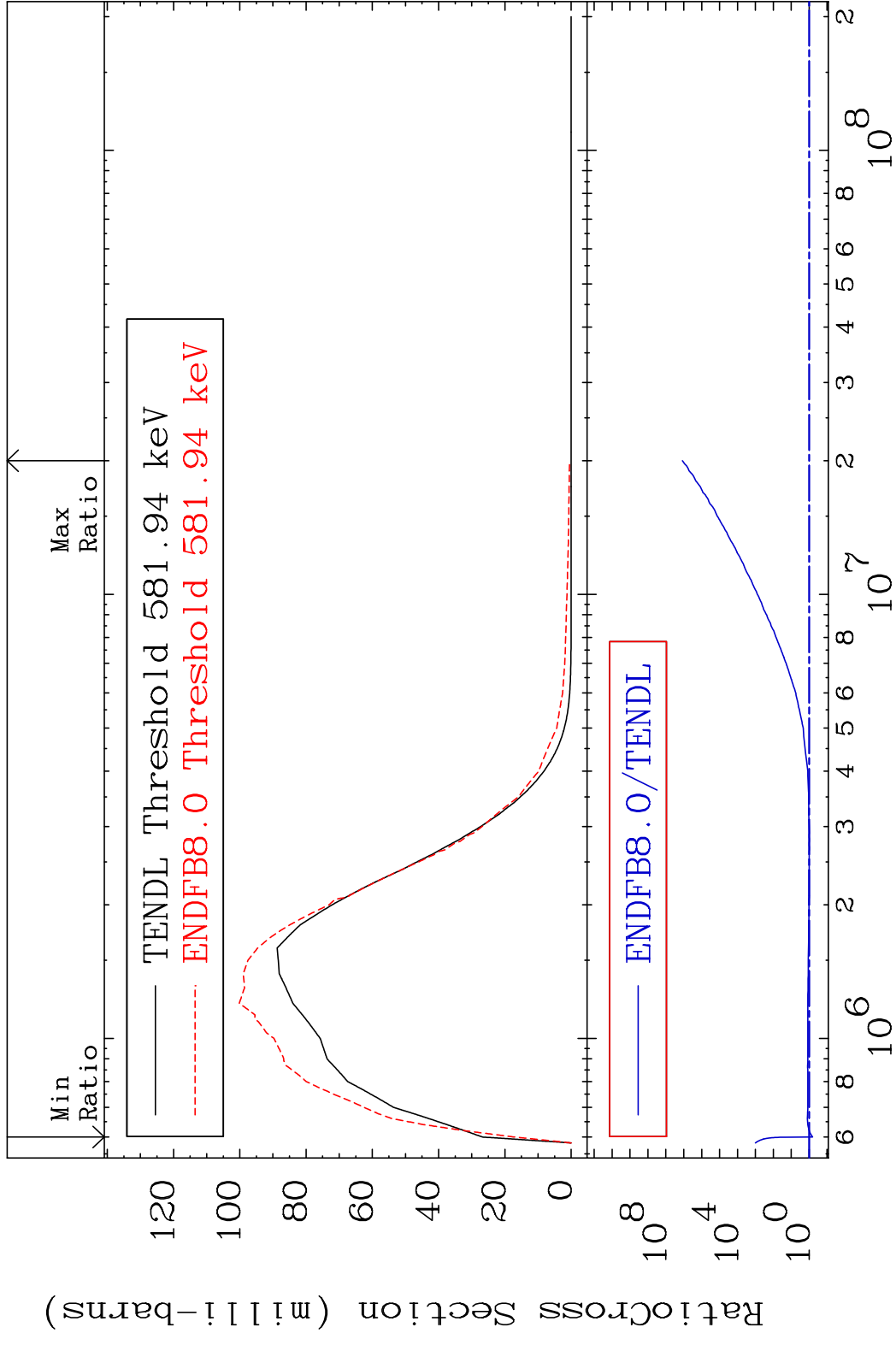
Cross Section -49.41 To 3022. %



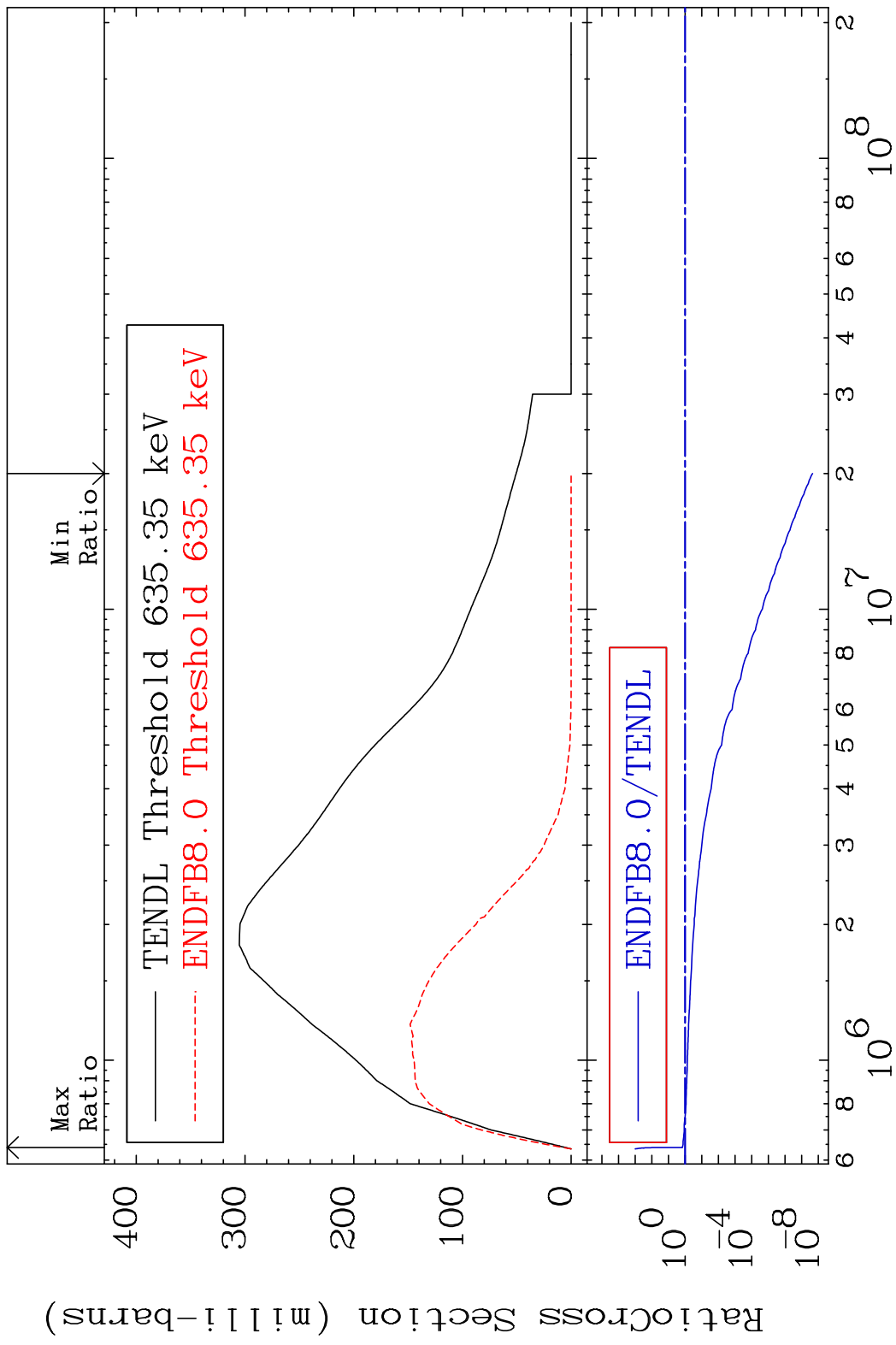
MAT 5634 MT= 55 (n, n') Level 56-Ba-133
 Cross Section -48.89 To 3024. %



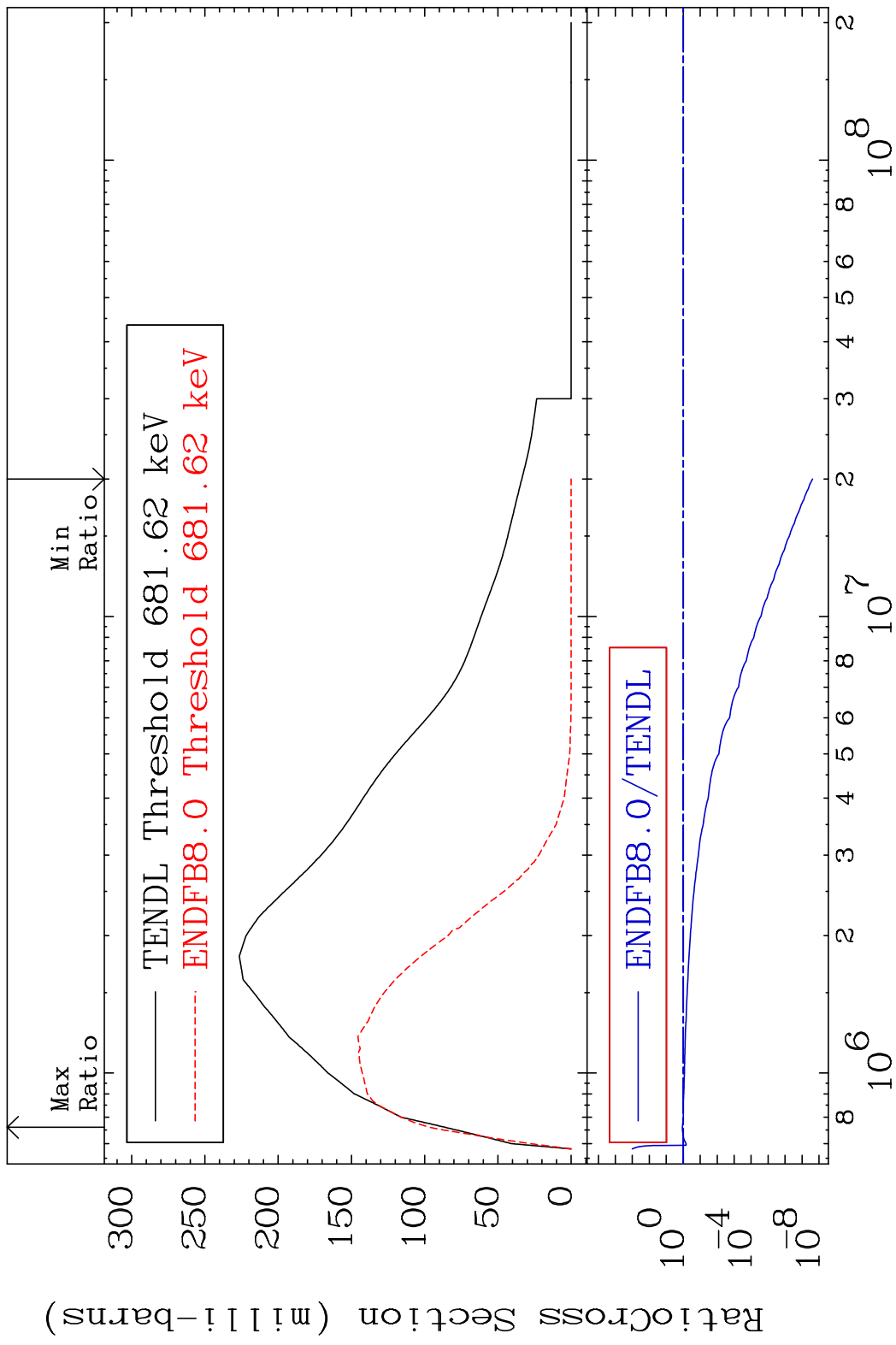
MAT 5634 MT= 56 (n, n') Level 56-Ba-133
 Cross Section -35.94 To 9999. %



MAT 5634 MT= 57 (n, n') Level 56-Ba-133
 Cross Section -100.0 To 46.83 %

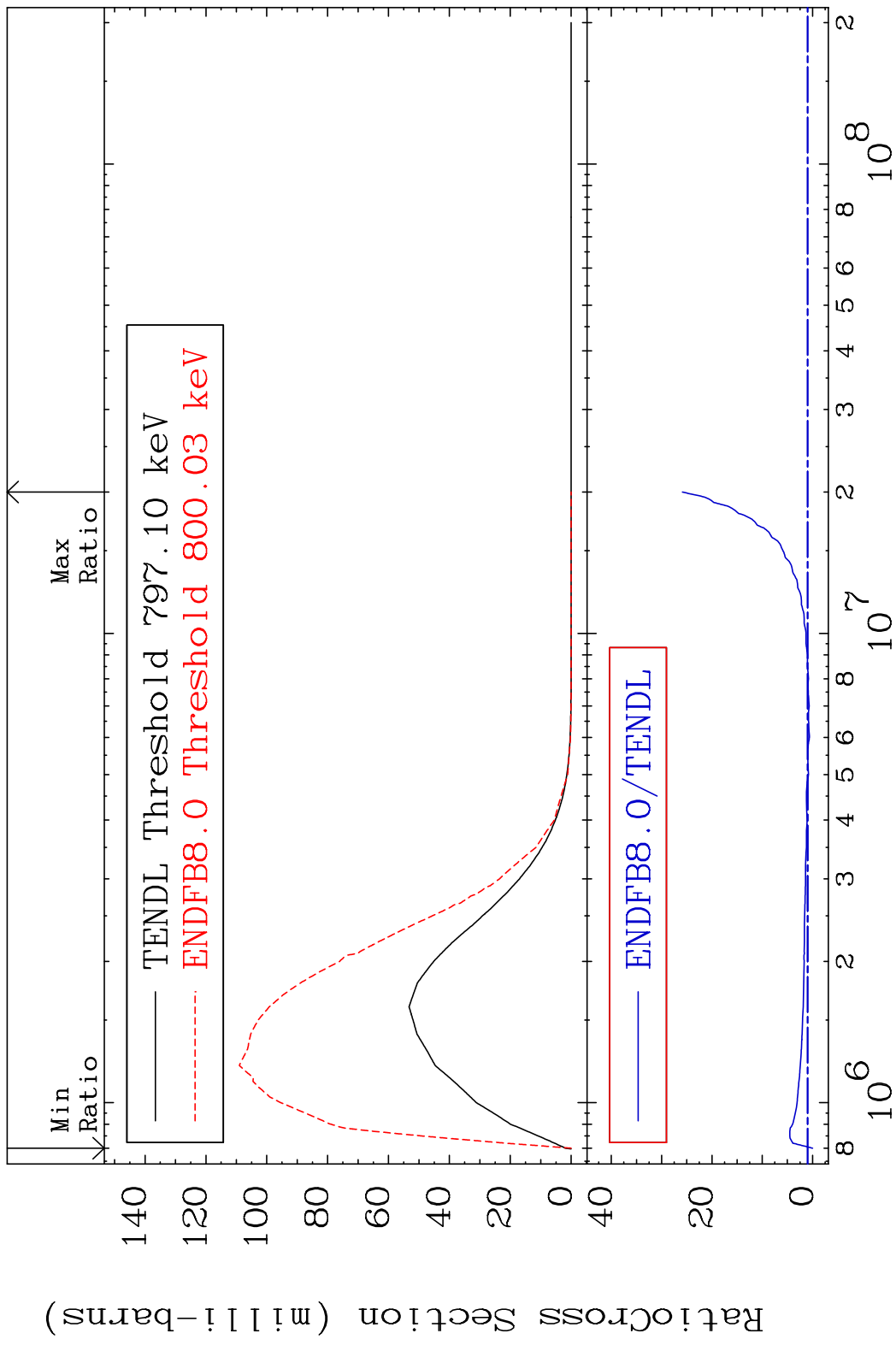


MAT 5634 MT= 58 (n, n') Level 56-Ba-133
 Cross Section -100.0 To 12.64 %



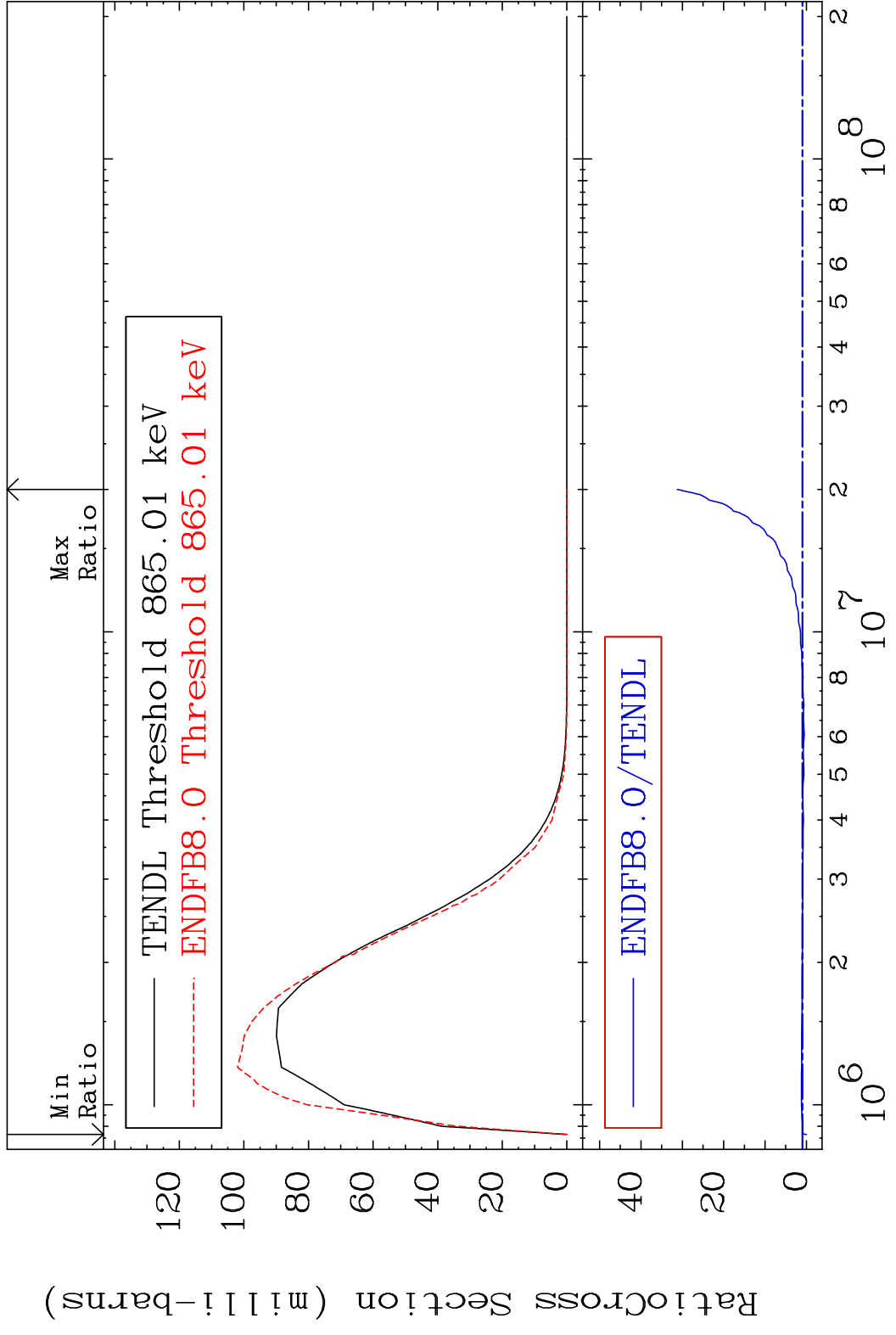
17 Incident Energy (eV) 56-Ba-133

MAT 5634 MT= 59 (n, n') Level 56-Ba-133
 Cross Section -100.0 To 2488. %



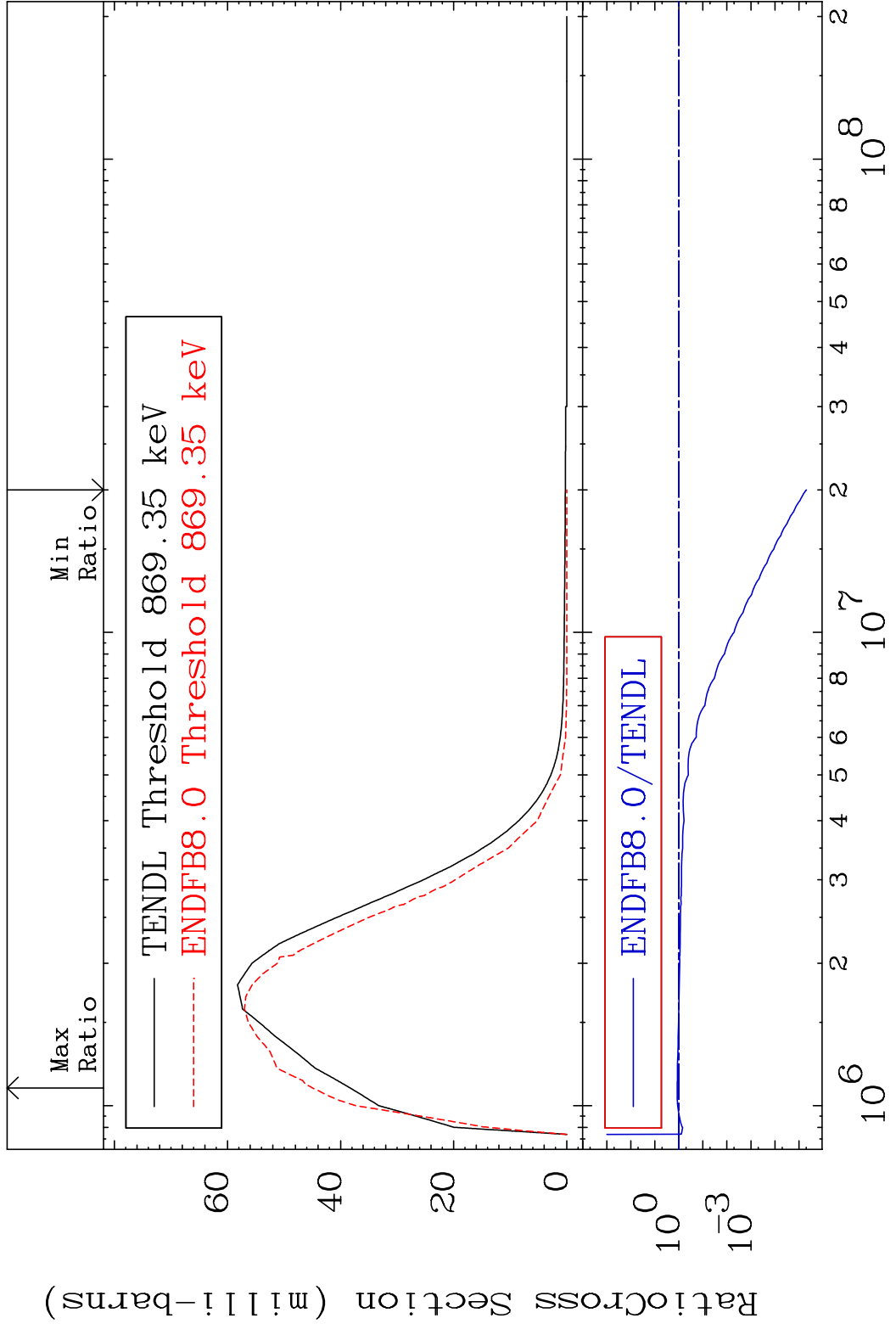
18 Incident Energy (eV) 56-Ba-133

MAT 5634 MT= 60 (n, n') Level 56-Ba-133
 Cross Section -100.0 To 3024. %



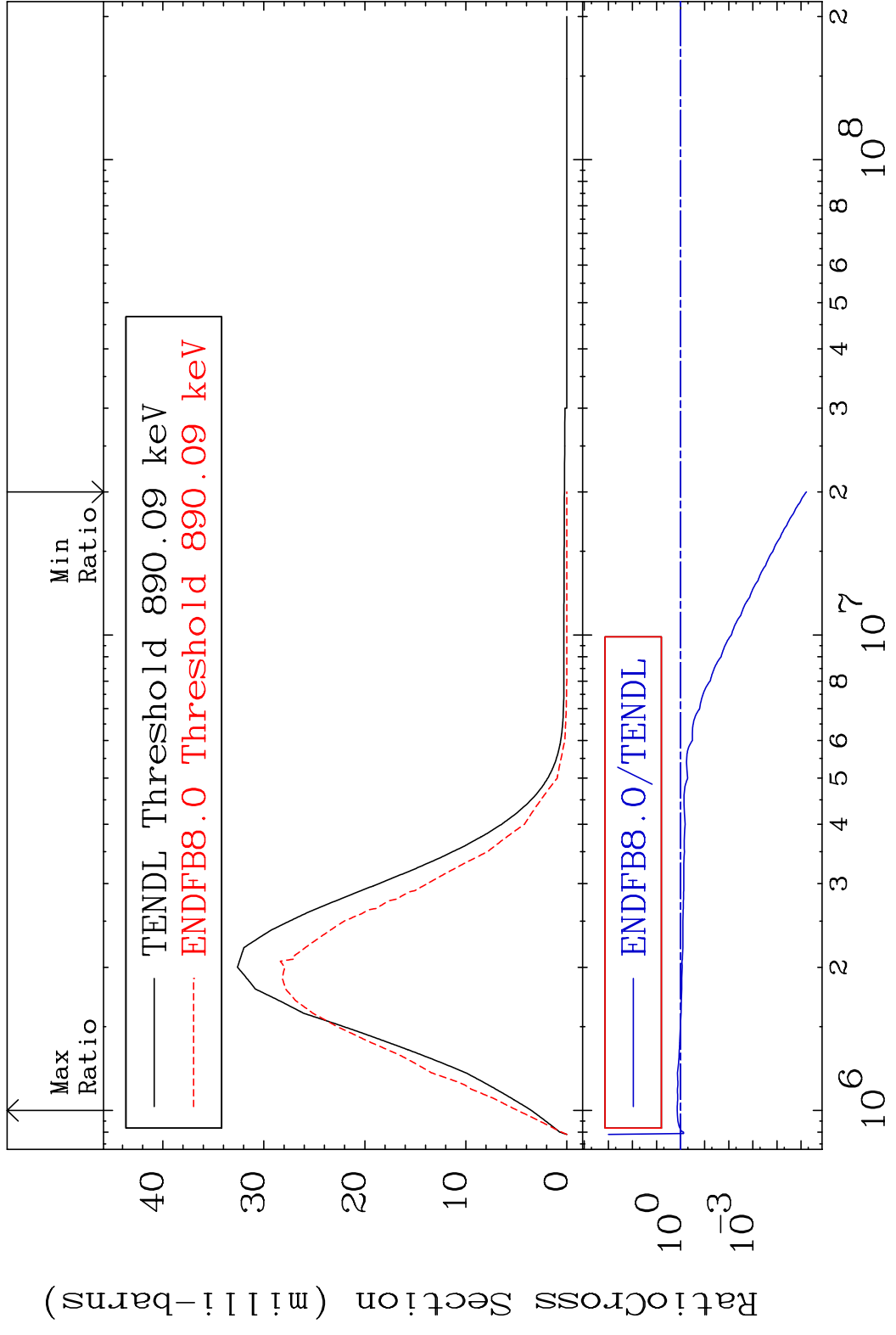
19 Incident Energy (eV) 56-Ba-133

MAT 5634 MT= 61 (n, n') Level 56-Ba-133
 Cross Section -100.0 To 17.27 %

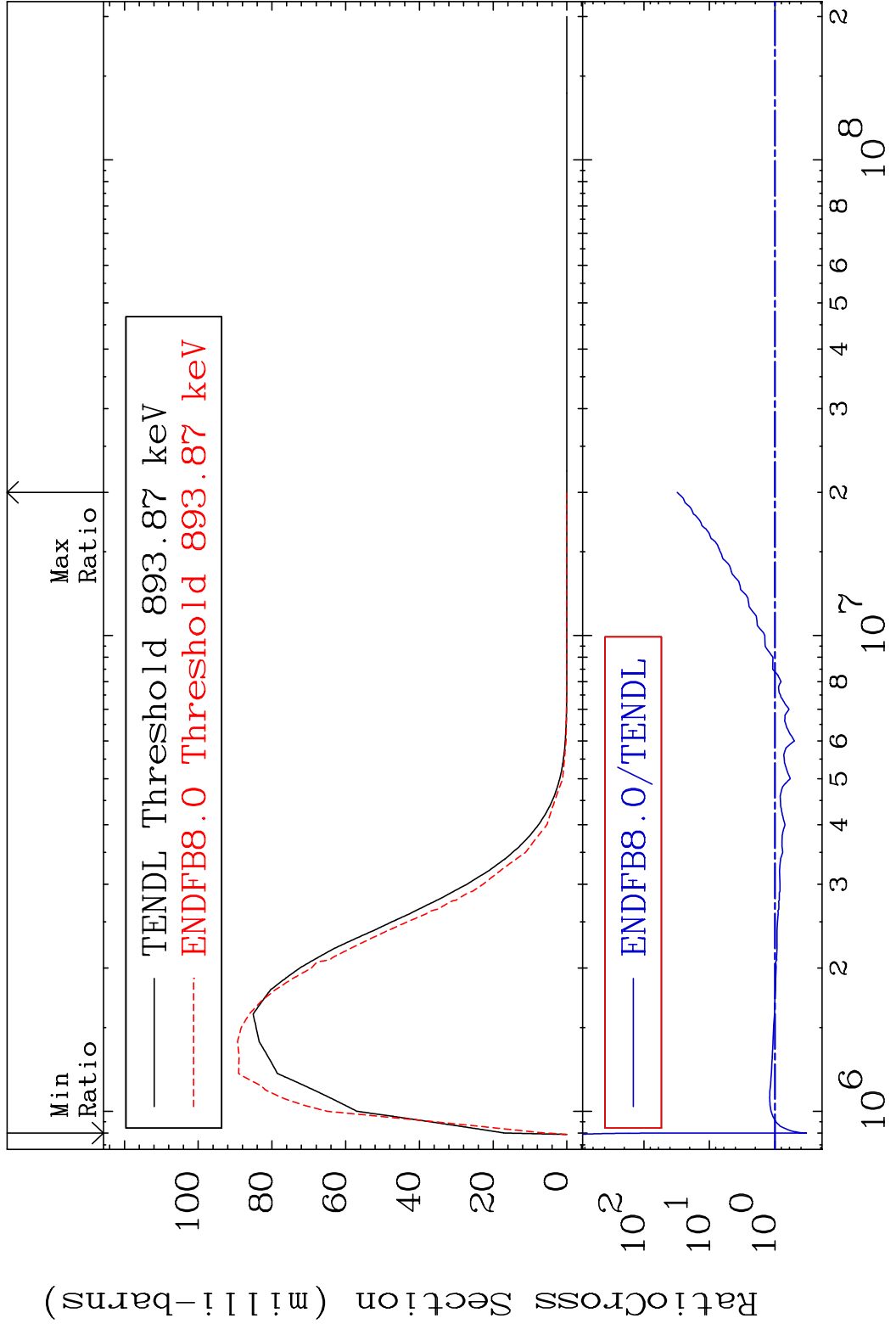


20 Incident Energy (eV) 56-Ba-133

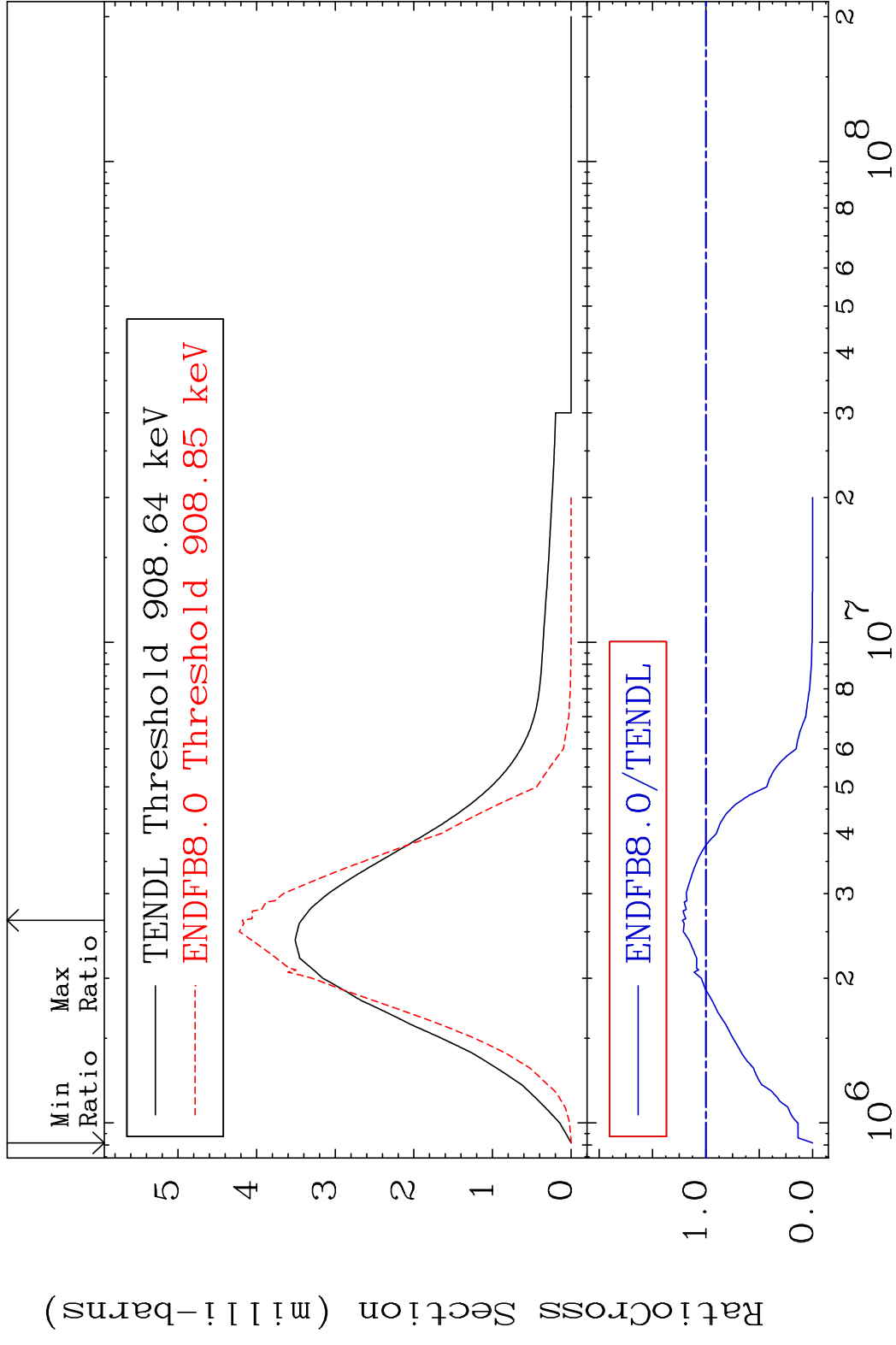
MAT 5634 MT= 62 (n, n') Level 56-Ba-133
 Cross Section -100.0 To 38.74 %



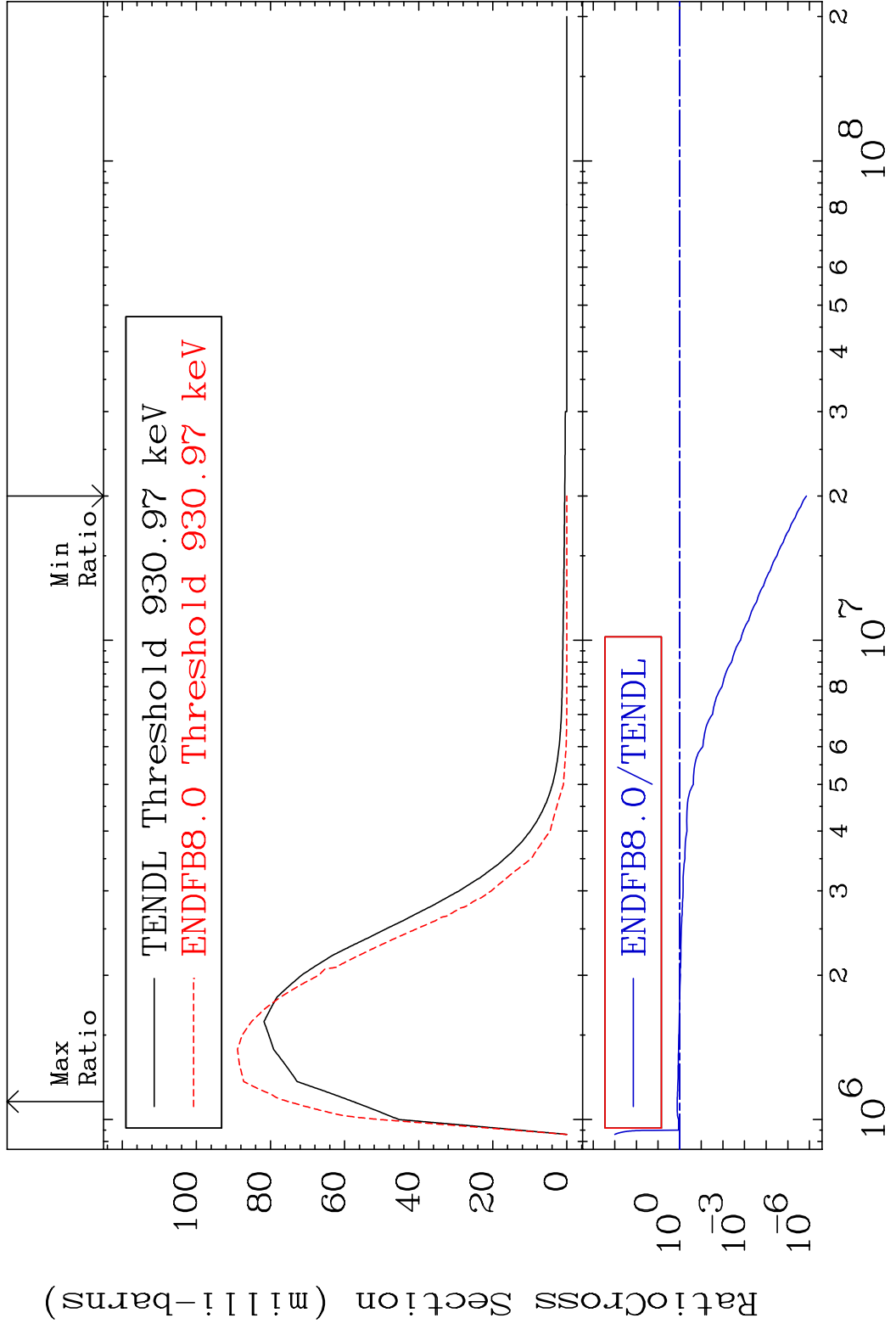
MAT 5634 MT= 63 (n, n') Level 56-Ba-133
 Cross Section -66.95 To 3006. %



MAT 5634 MT= 64 (n,n') Level 56-Ba-133
 Cross Section -100.0 To 22.03 %

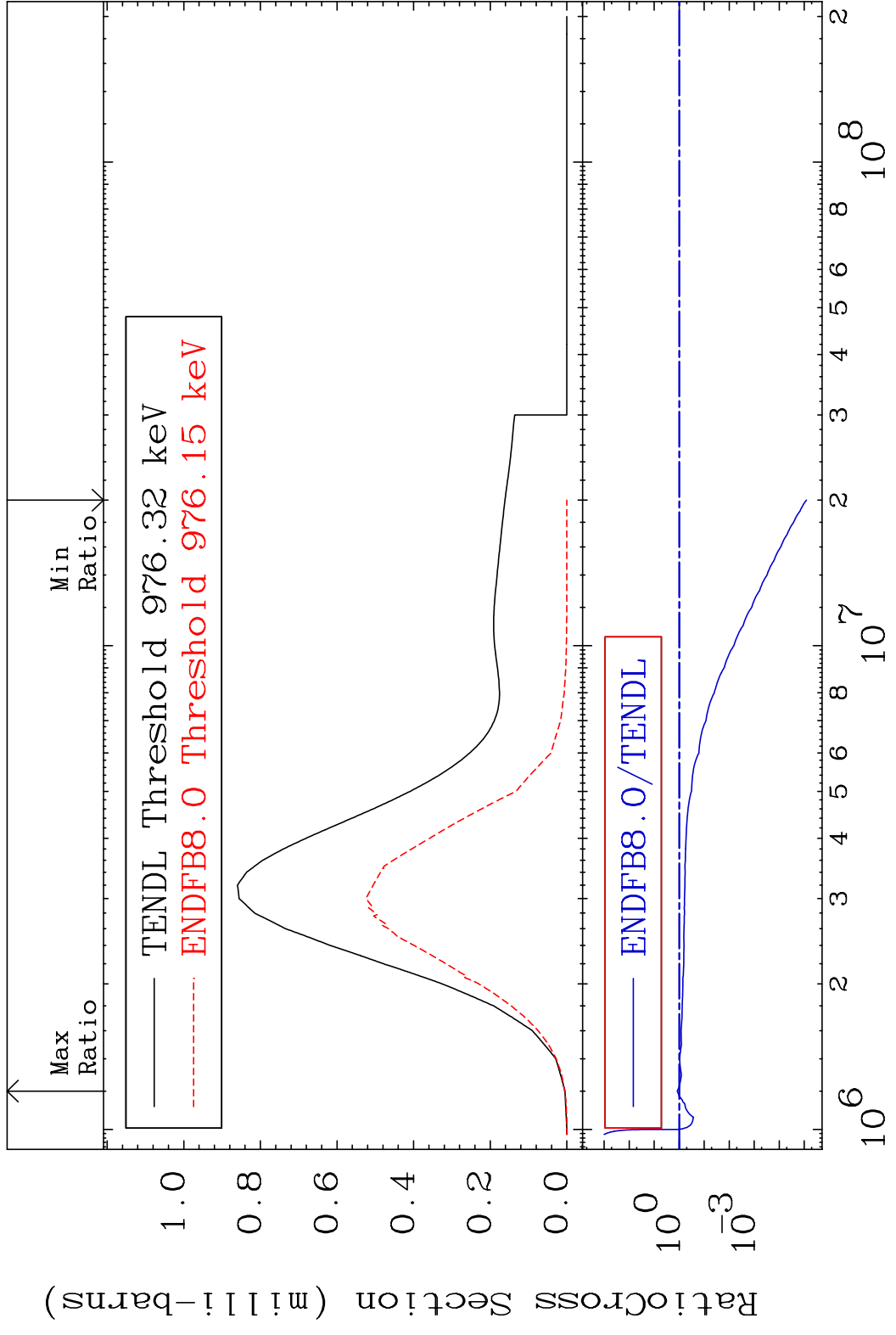


MAT 5634 MT= 65 (n, n') Level 56-Ba-133
 Cross Section -100.0 To 30.25 %



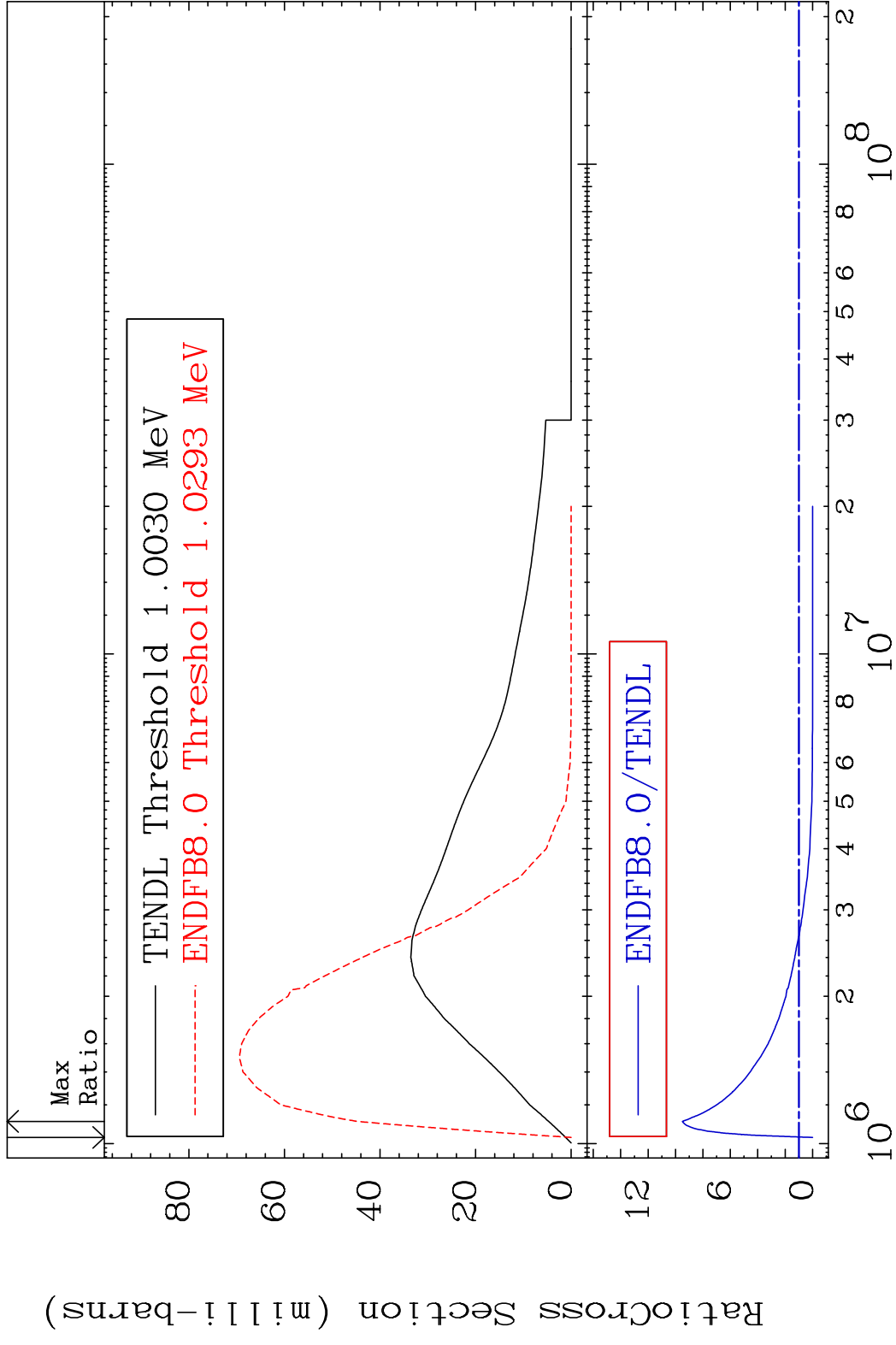
24 Incident Energy (eV) 56-Ba-133

MAT 5634 MT= 66 (n, n') Level 56-Ba-133
 Cross Section -100.0 To 19.95 %

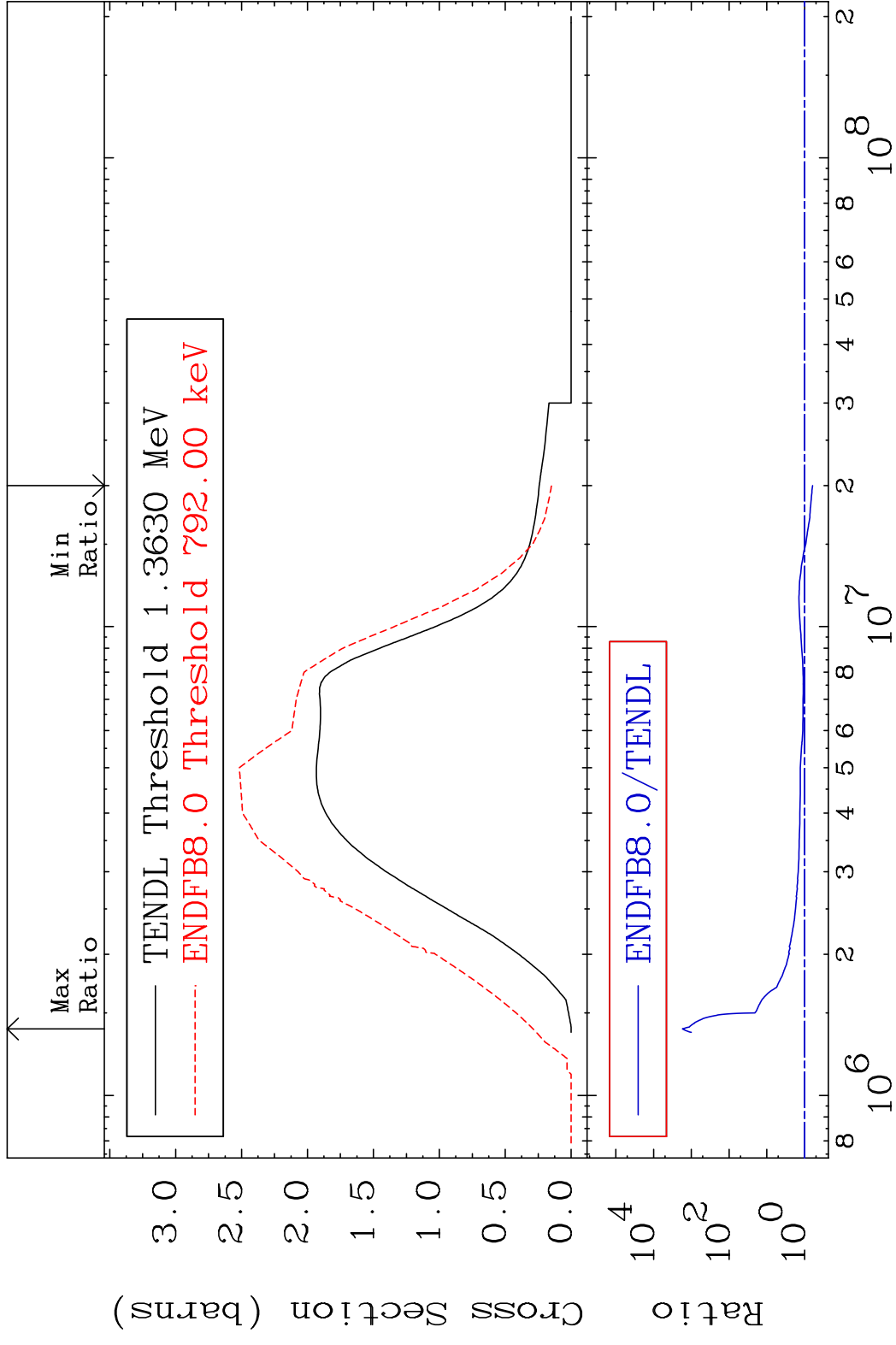


25 56-Ba-133

MAT 5634 MT= 67 (n, n') Level 56-Ba-133
 Cross Section -100.0 To 850.1 %



MAT 5634 (n, n') Continuum 56-Ba-133
 Cross Section -38.42 To 9999. %

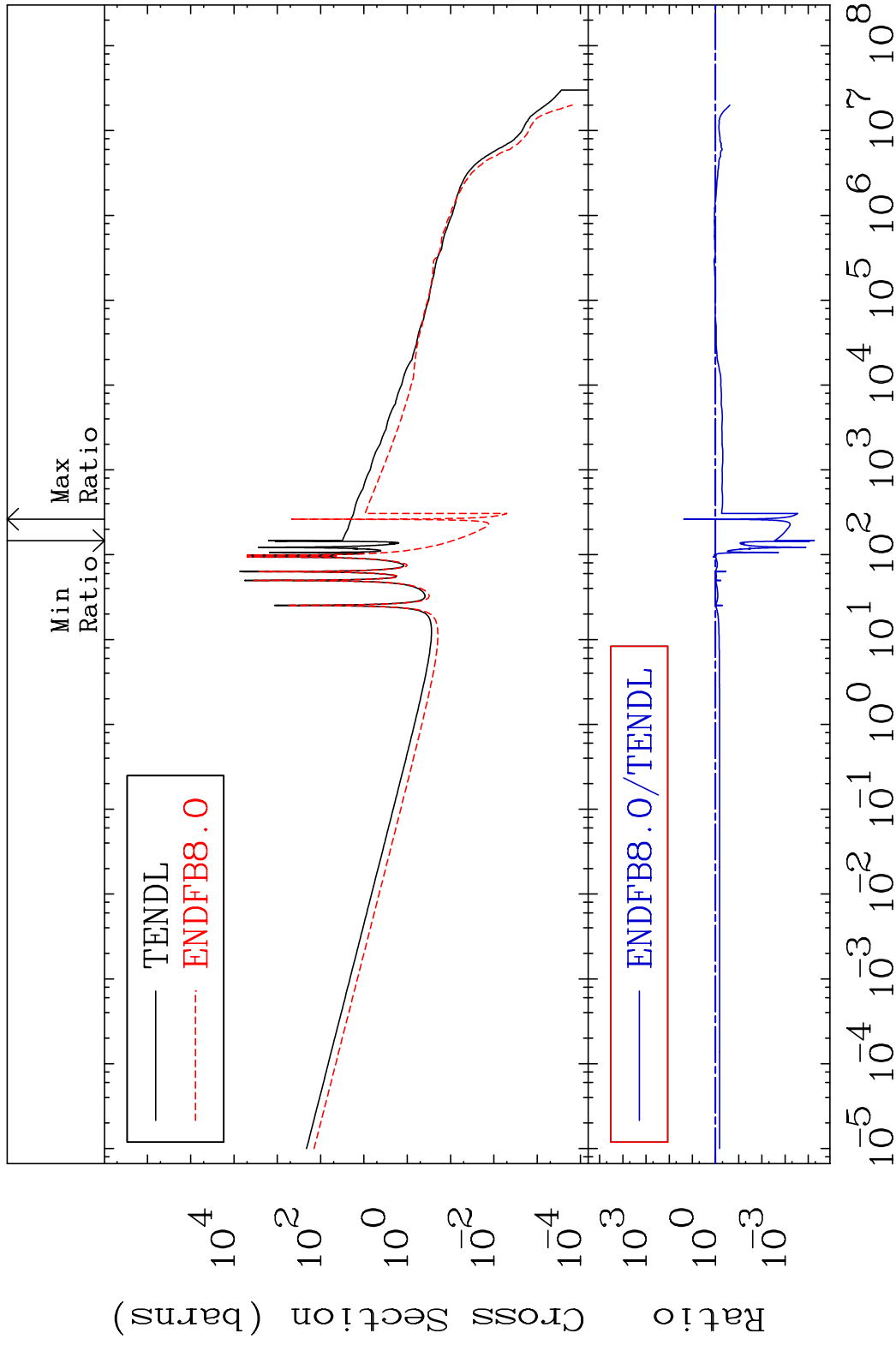


MAT 5634

(n, γ)

56-Ba-133

Cross Section -99.99 To 2275. %

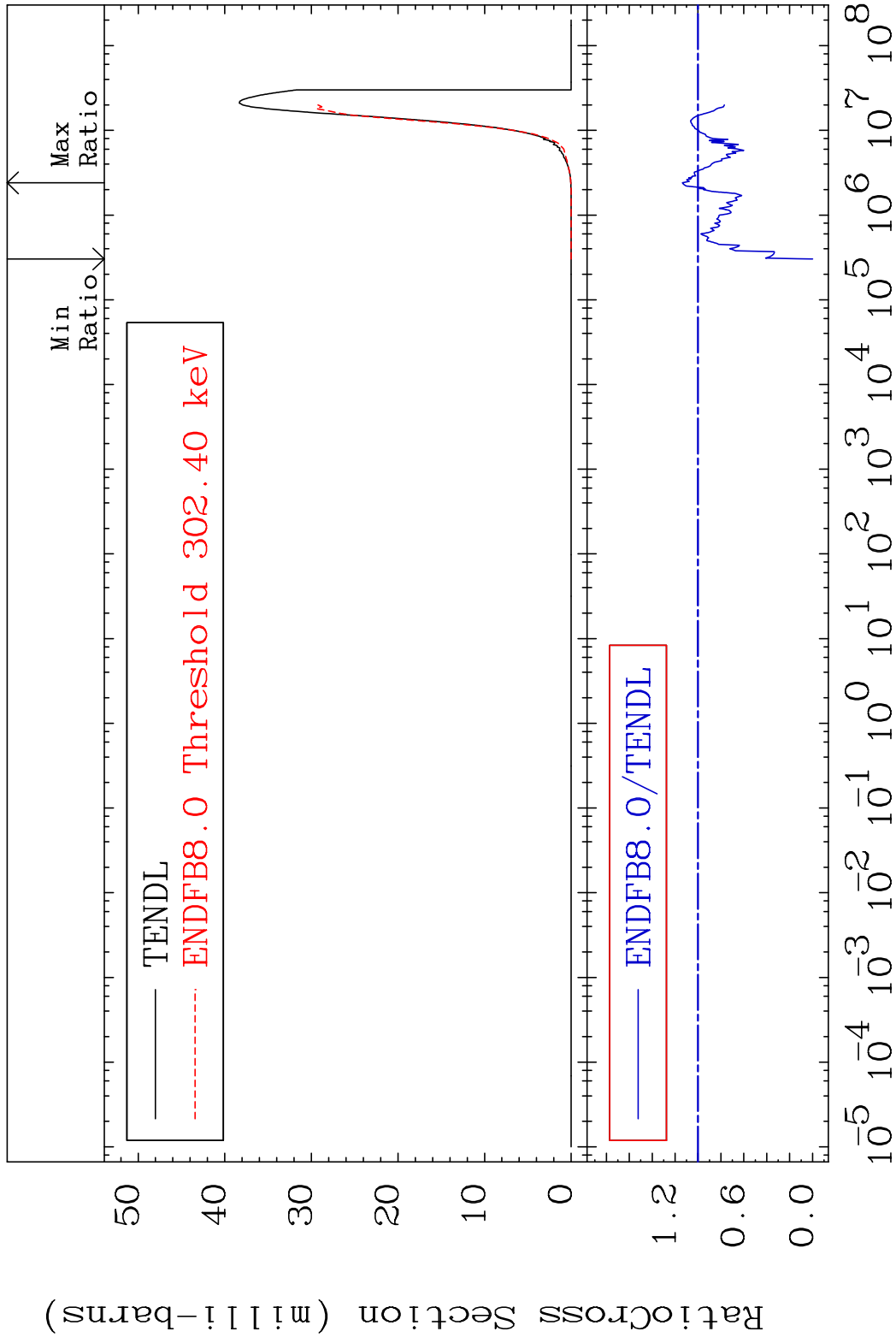


MAT 5634

(n, p)

56-Ba-133

Cross Section -100.0 To 13.67 %



29

Incident Energy (eV)

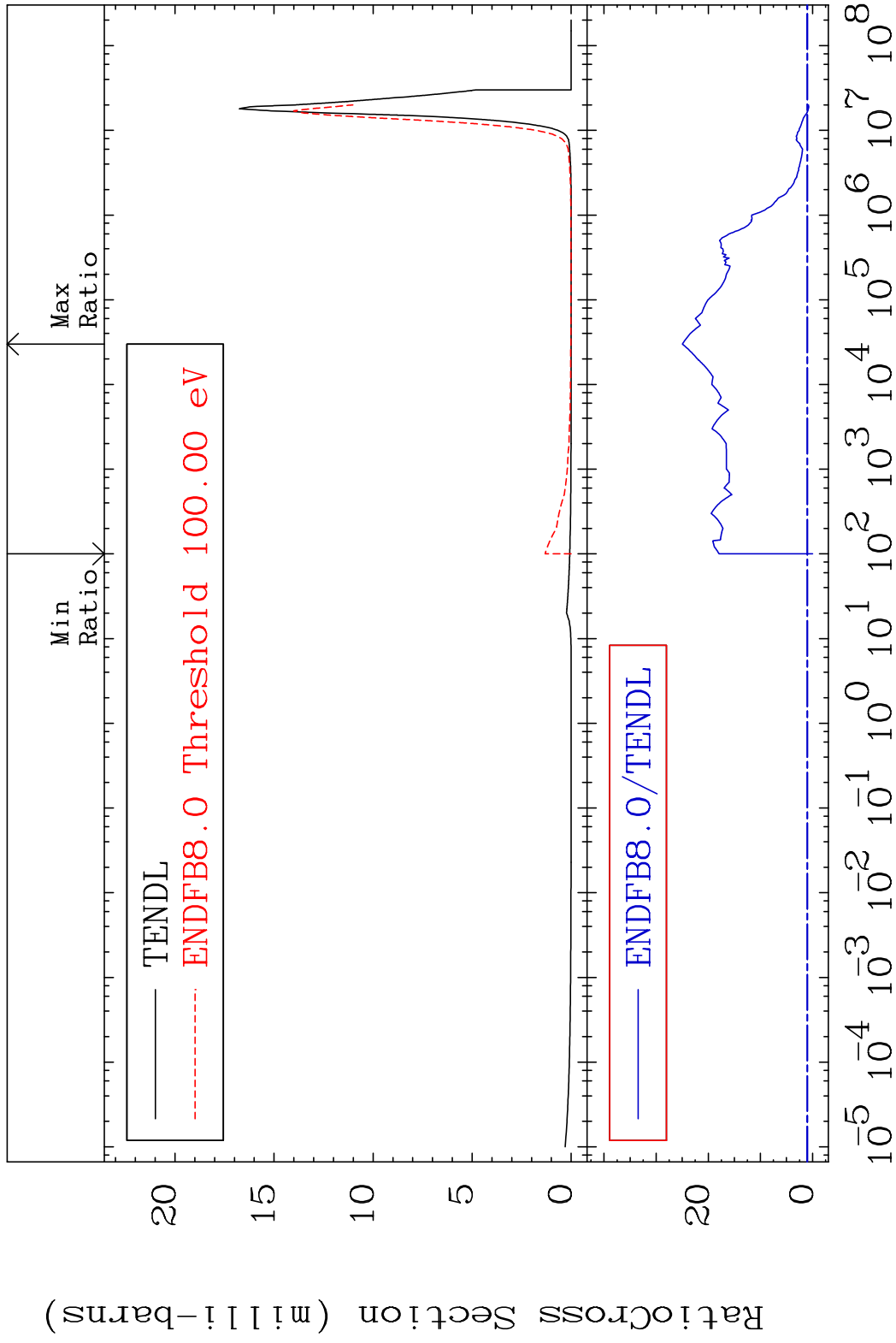
56-Ba-133

MAT 5634

(n, α)

56-Ba-133

Cross Section -100.0 To 2398. %

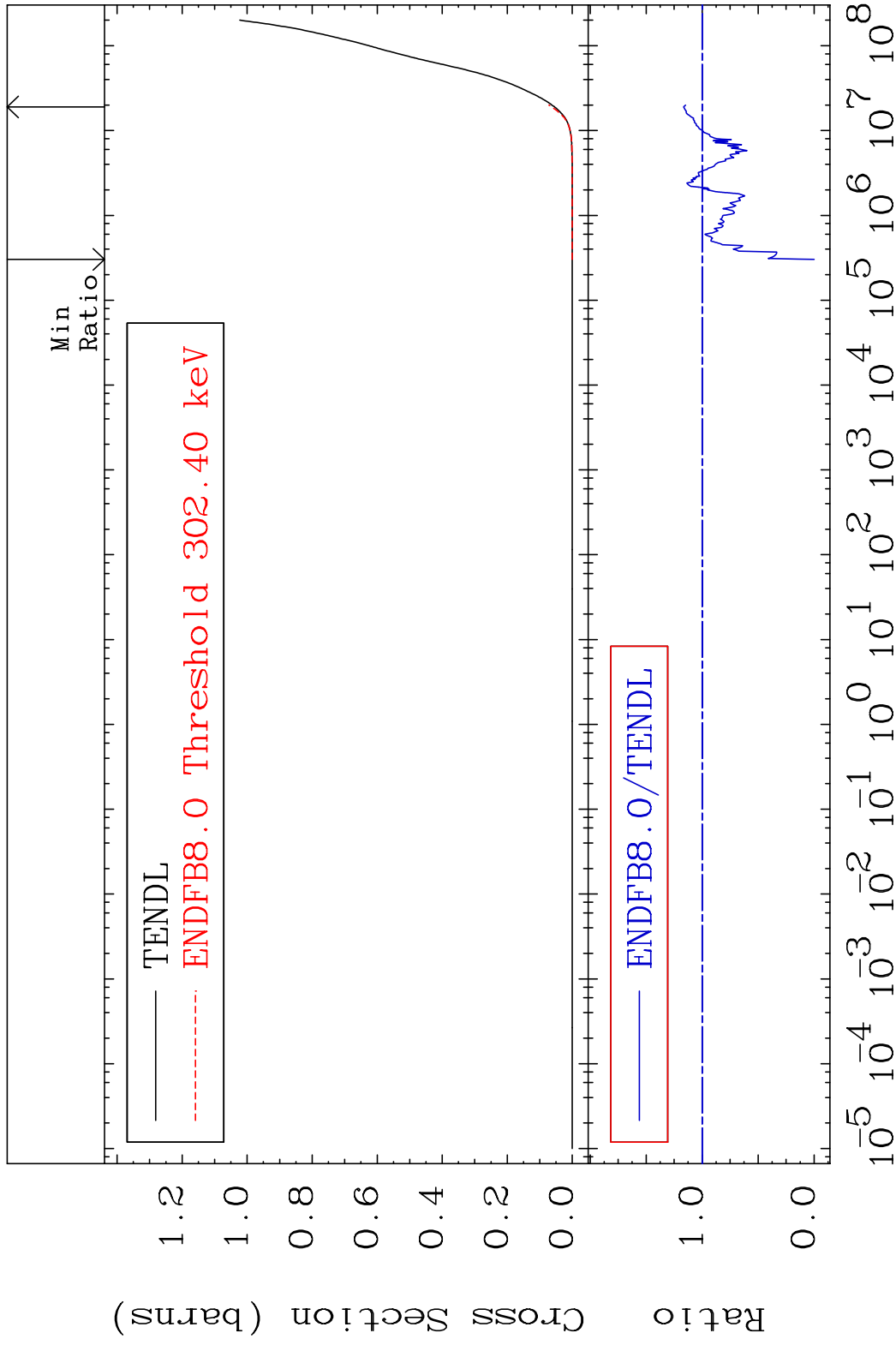


MAT 5634

Hydrogen Production

56-Ba-133

Cross Section -100.0 To 16.49 %



31

Incident Energy (eV)

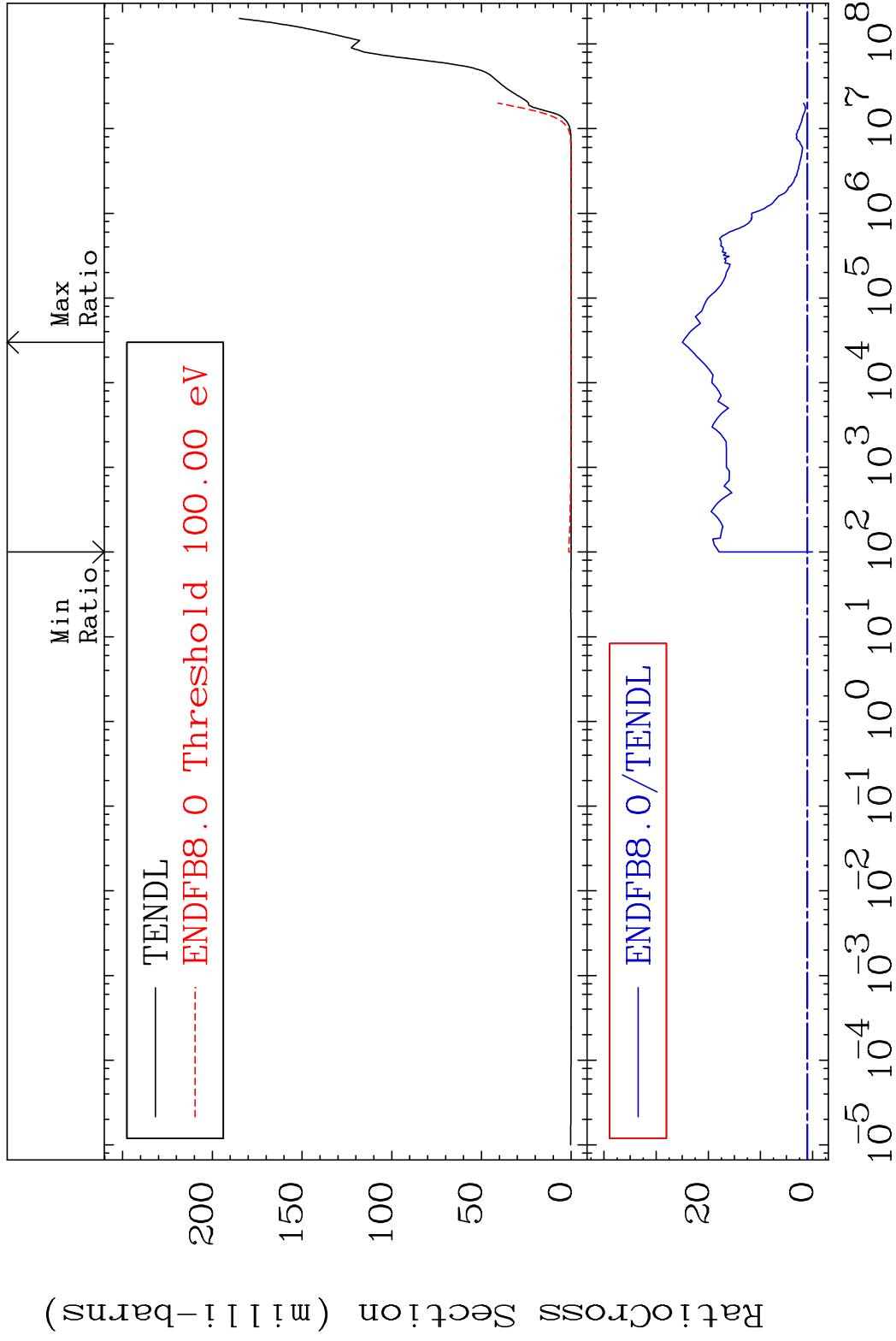
56-Ba-133

MAT 5634

He-4 Production

56-Ba-133

Cross Section -100.0 To 2398. %

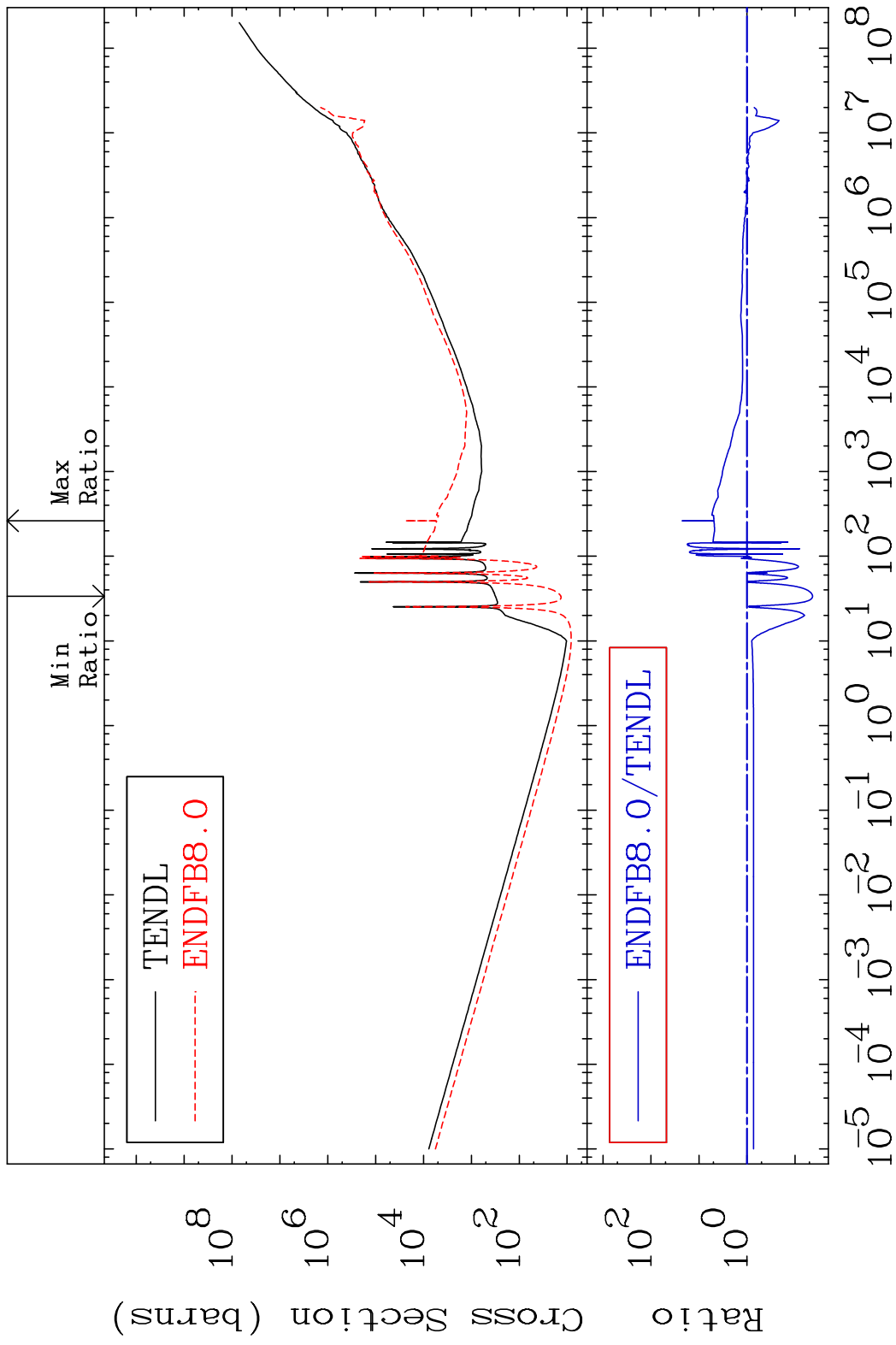


32

Incident Energy (eV)

56-Ba-133

MAT 5634 Kerma total (eV-barns) 56-Ba-133
 Cross Section -95.70 To 2121. %

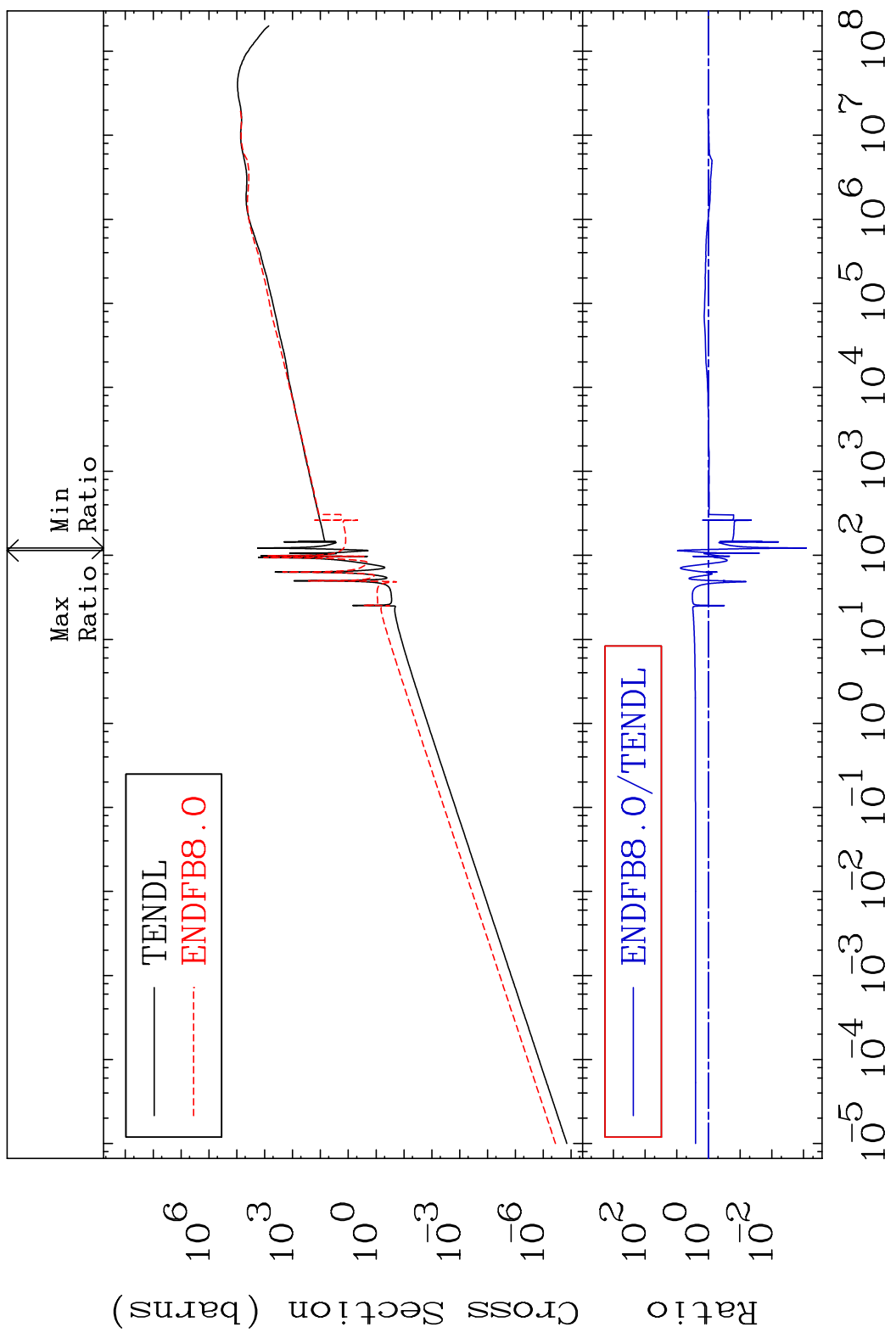


33 Incident Energy (eV) 56-Ba-133

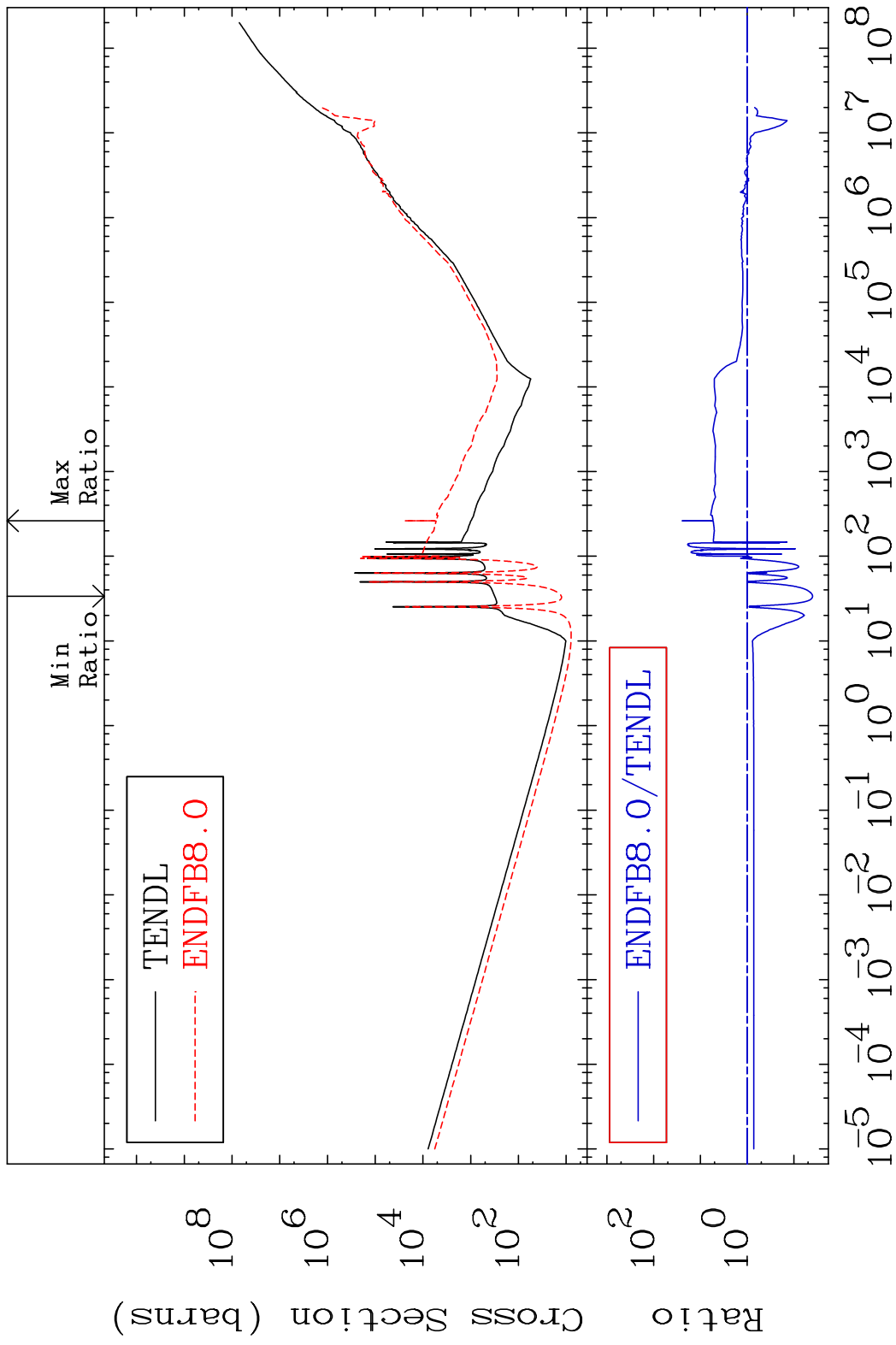
MAT 5634

Kerma elastic Cross Section -99.92 To 866.0 %

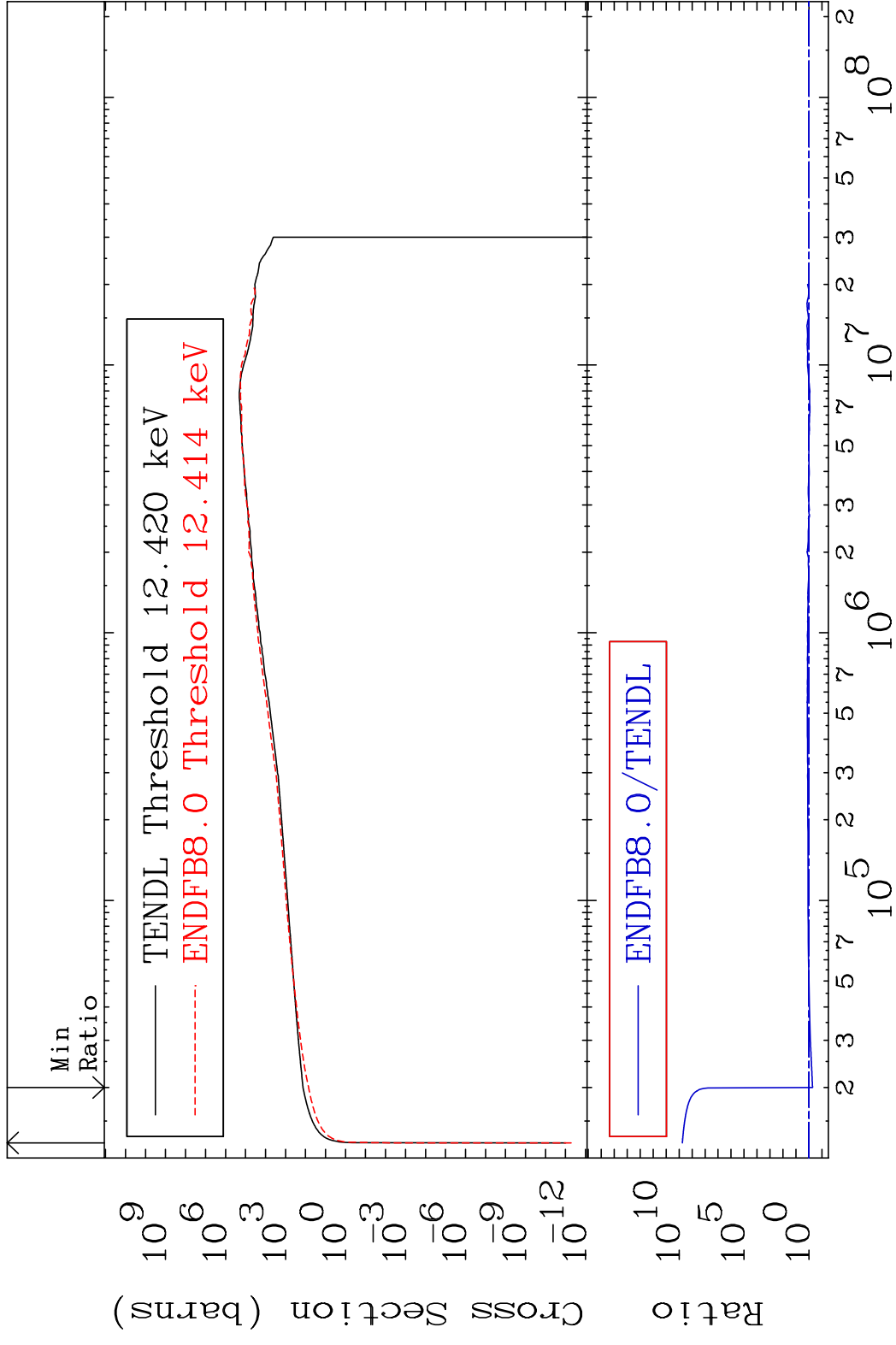
56-Ba-133



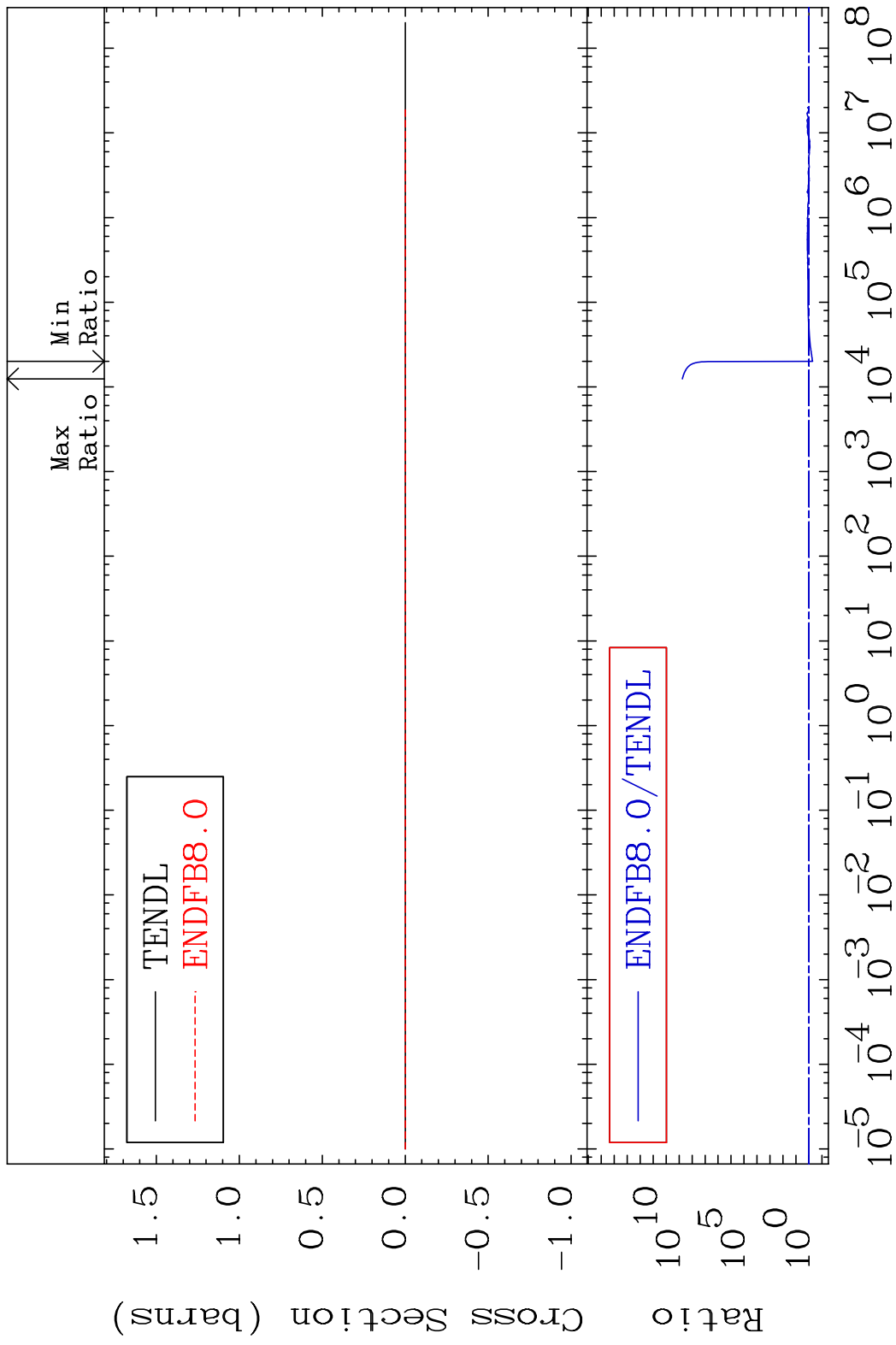
MAT 5634 Kerma non-elastic (all but mt2) 56-Ba-133
 Cross Section -95.99 To 2341. %



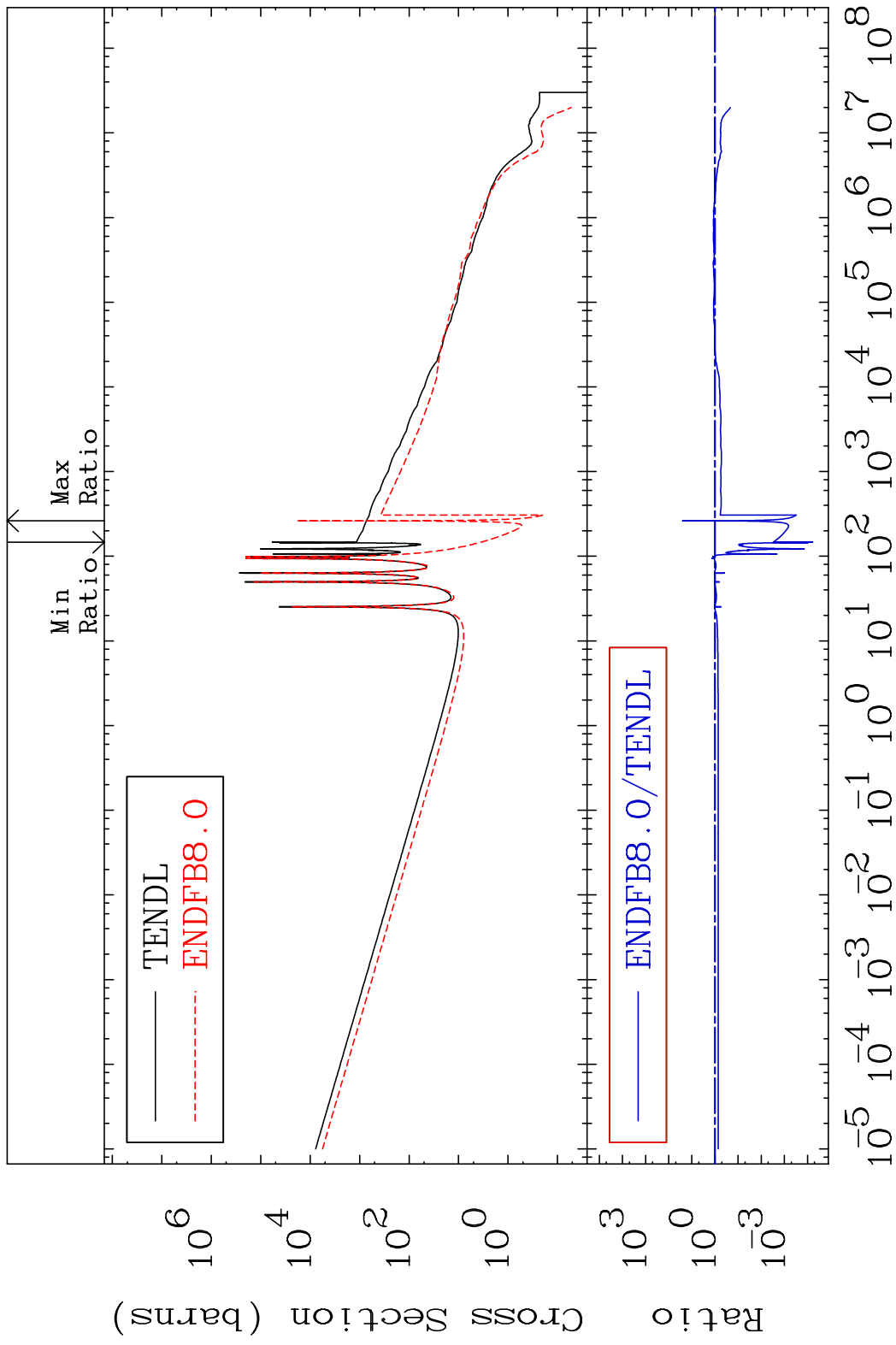
MAT 5634 Kerma inelastic (mt51-91) 56-Ba-133
 Cross Section -47.18 To 9999. %



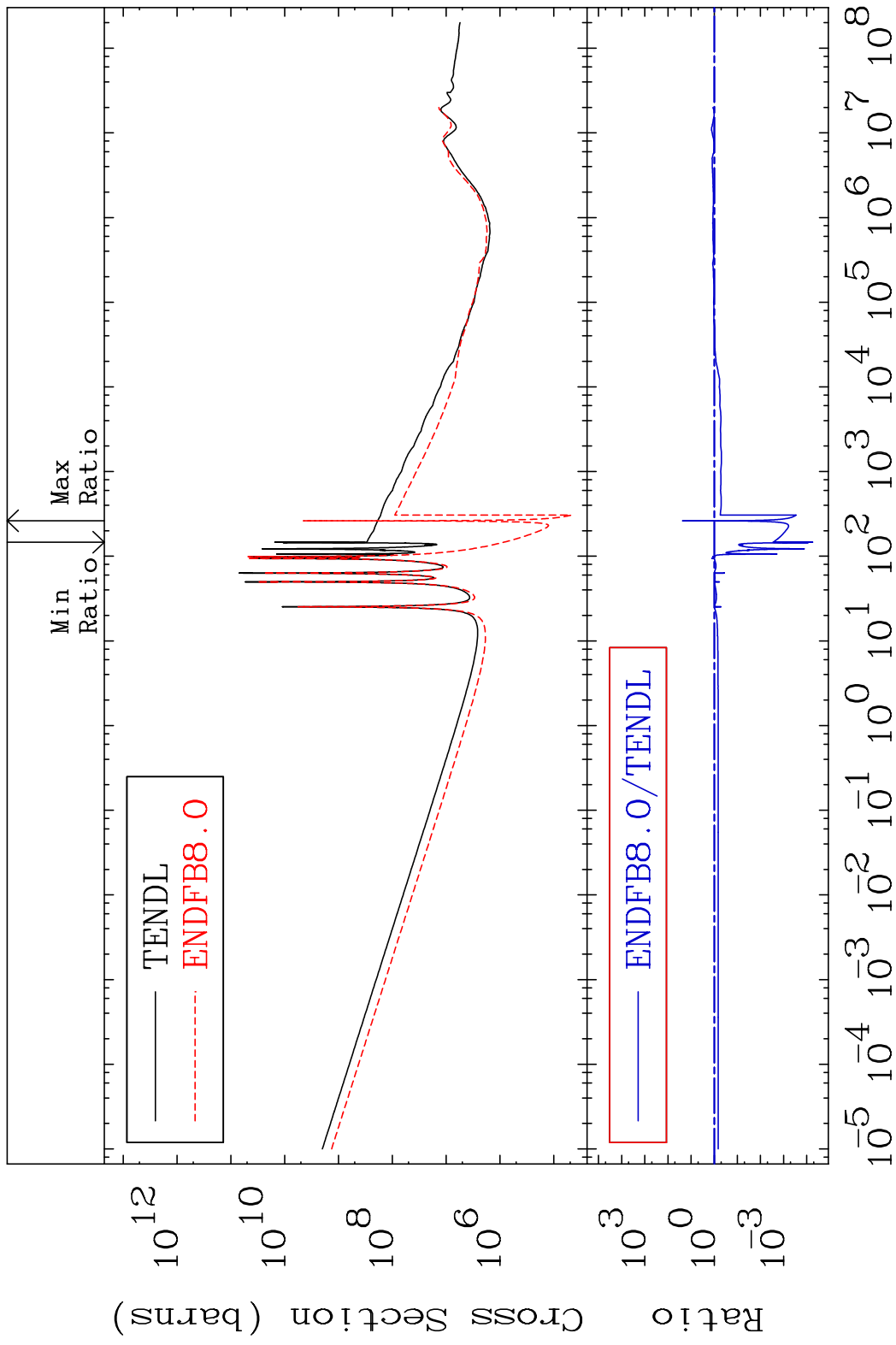
MAT 5634 Kerma fission (mt18 or mt19-20-21-38) 56-Ba-133
 Cross Section -47.18 To 9999. %



MAT 5634 Kerma capture (mt102) 56-Ba-133
 Cross Section -99.99 To 2469. %

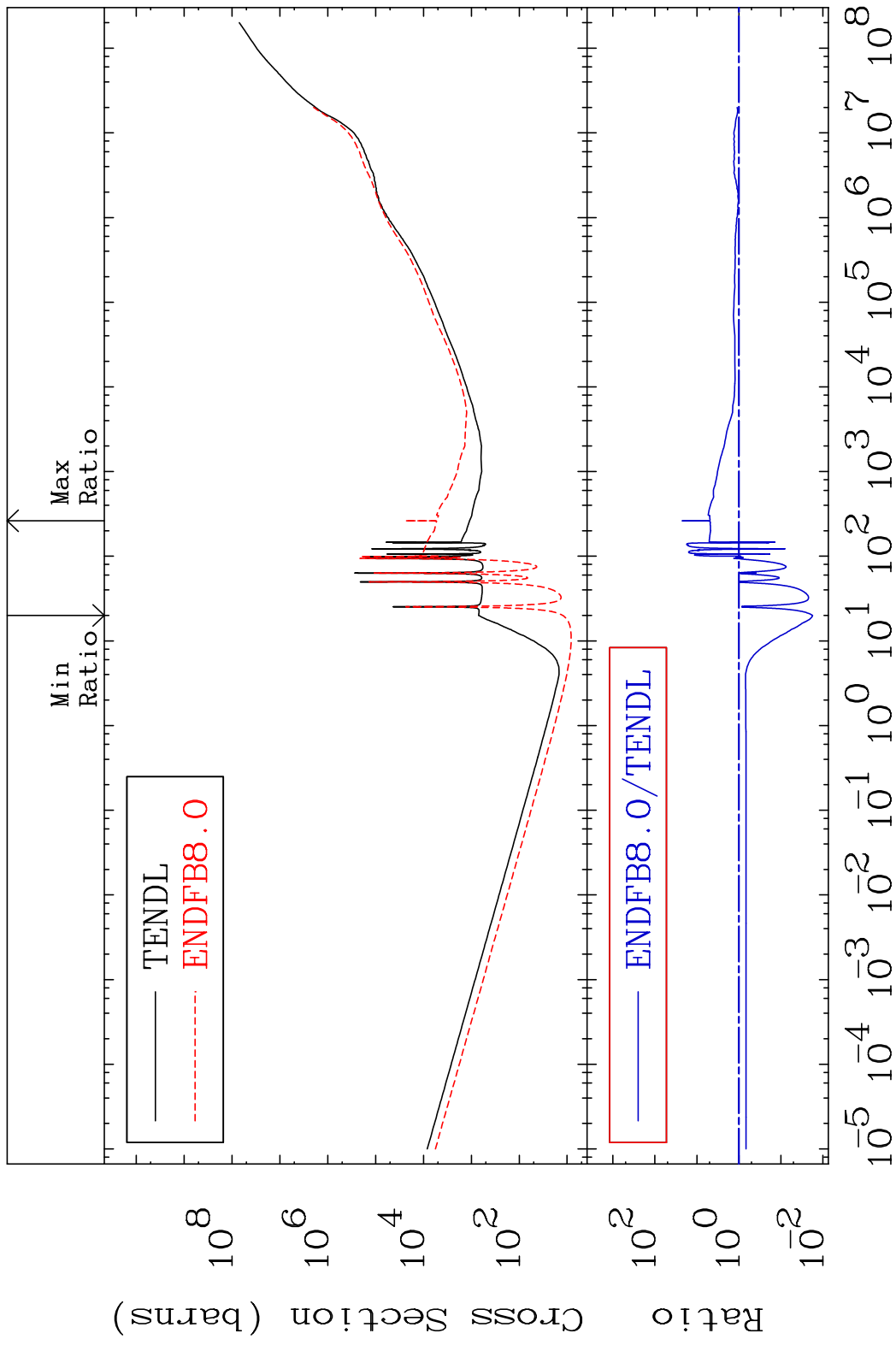


MAT 5634 Total photon (eV-barns) 56-Ba-133
Cross Section -99.99 To 2286. %



39 Incident Energy (eV) 56-Ba-133

MAT 5634 Total kinematic kerma (high limit) 56-Ba-133
 Cross Section -98.24 To 2117. %



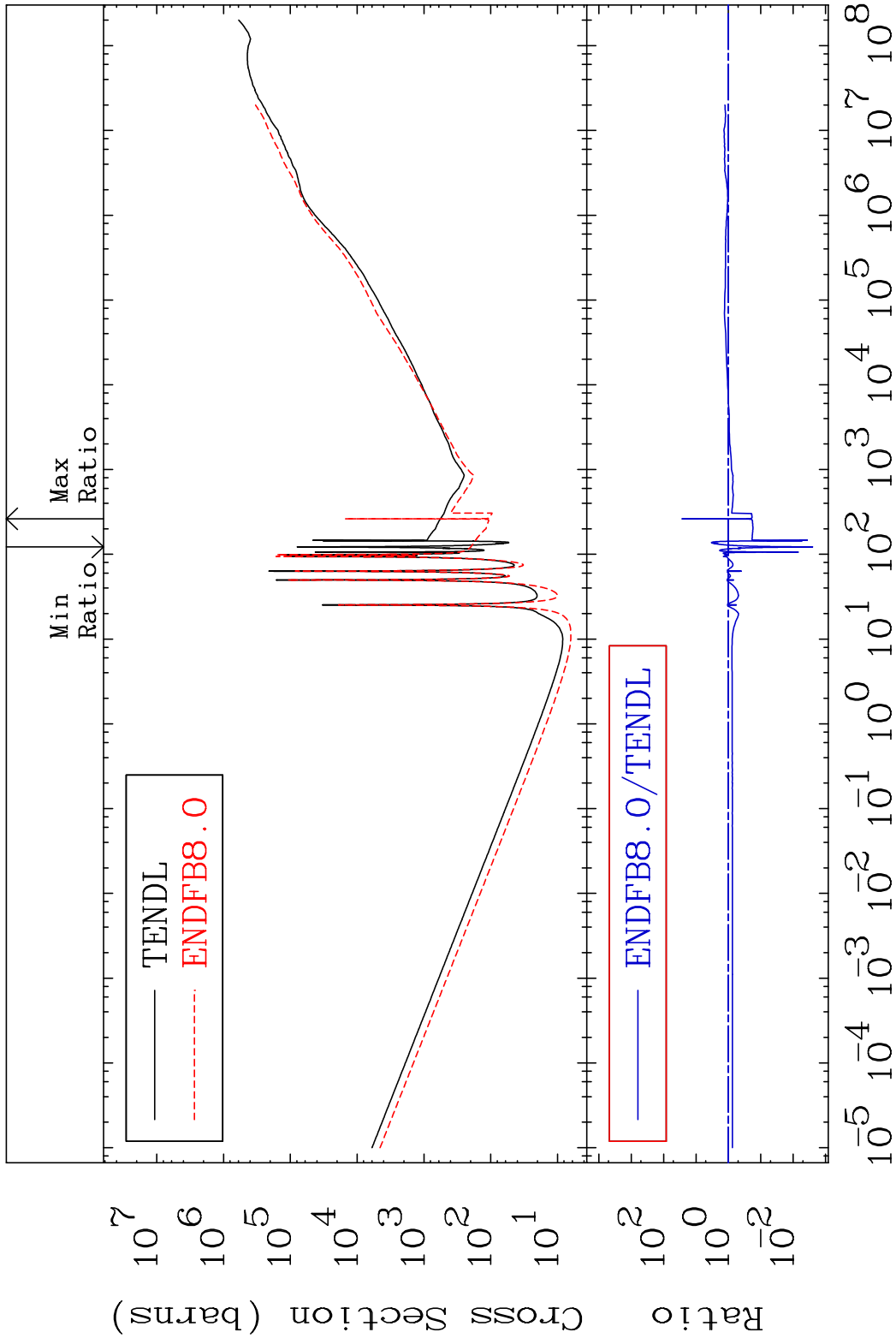
40 Incident Energy (eV) 56-Ba-133

MAT 5634

Dpa total (eV-barns)

56-Ba-133

Cross Section -99.75 To 2576. %



41

Incident Energy (eV)

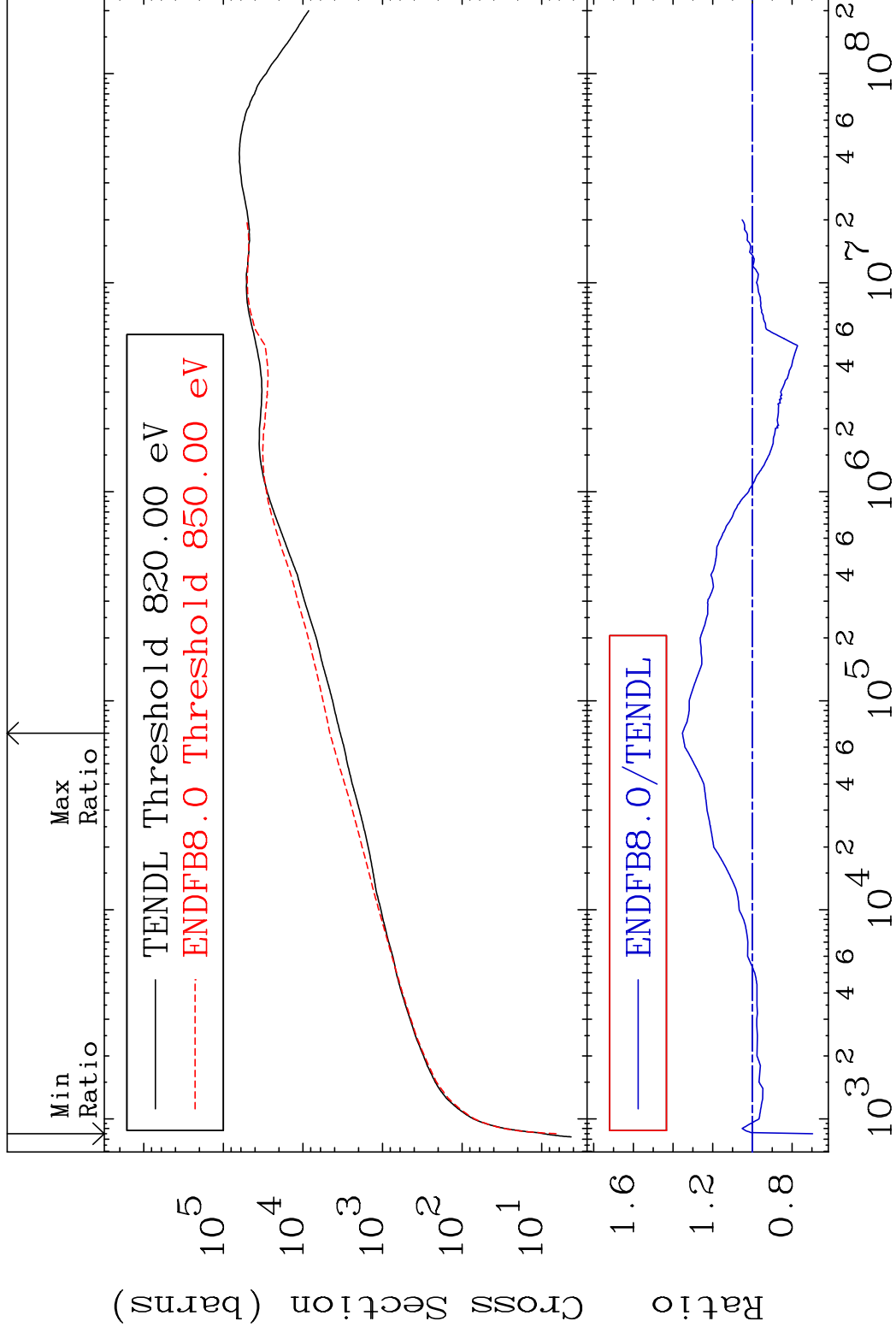
56-Ba-133

MAT 5634

Dpa elastic (mt2)

56-Ba-133

Cross Section -30.32 To 35.27 %

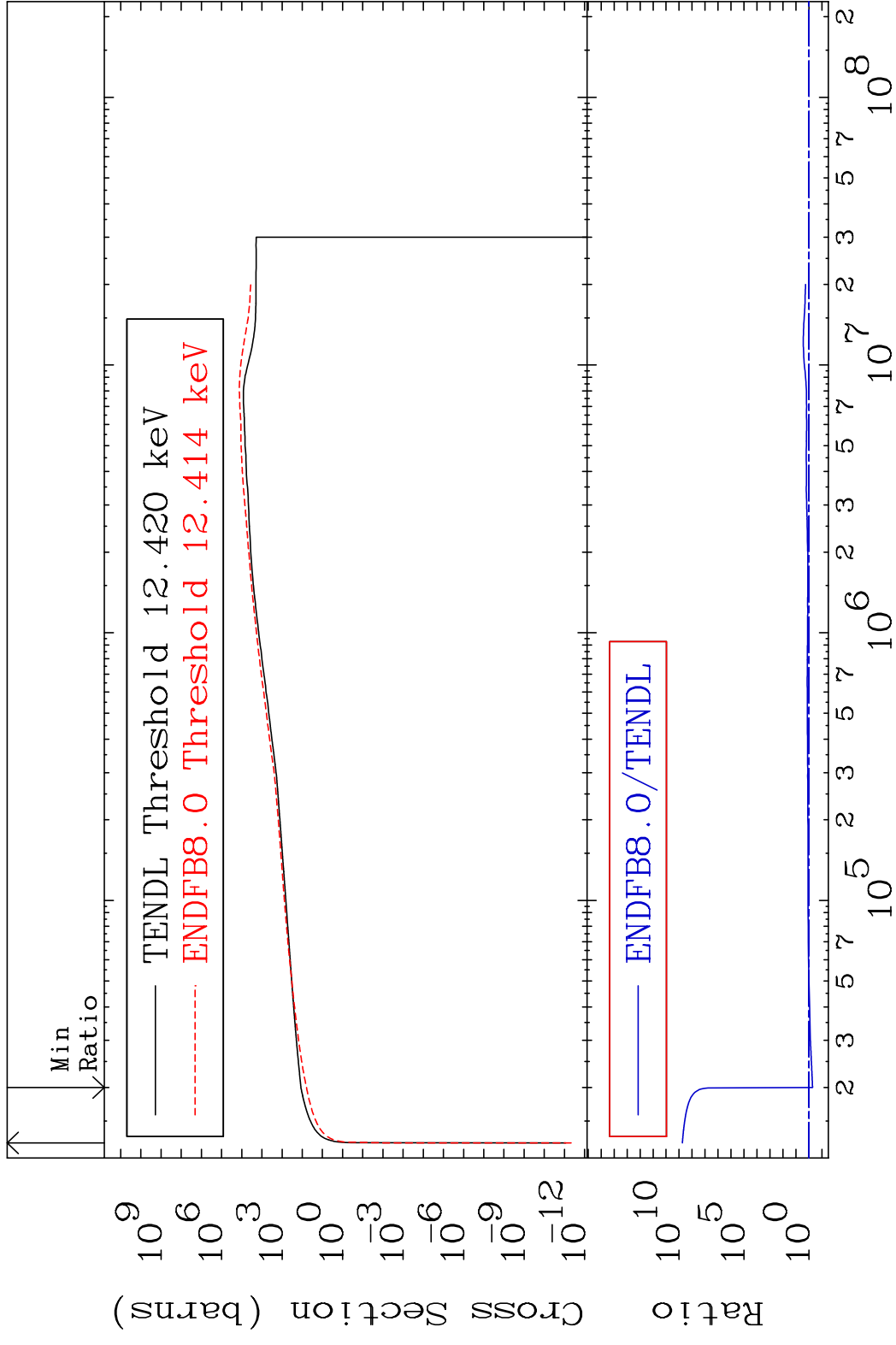


42

Incident Energy (eV)

56-Ba-133

MAT 5634 Dpa inelastic (mt51-91) 56-Ba-133
 Cross Section -46.99 To 9999. %



MAT 5634 Dpa disappearance (mt102 -120) 56-Ba-133
 Cross Section -99.75 To 2576. %

