

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

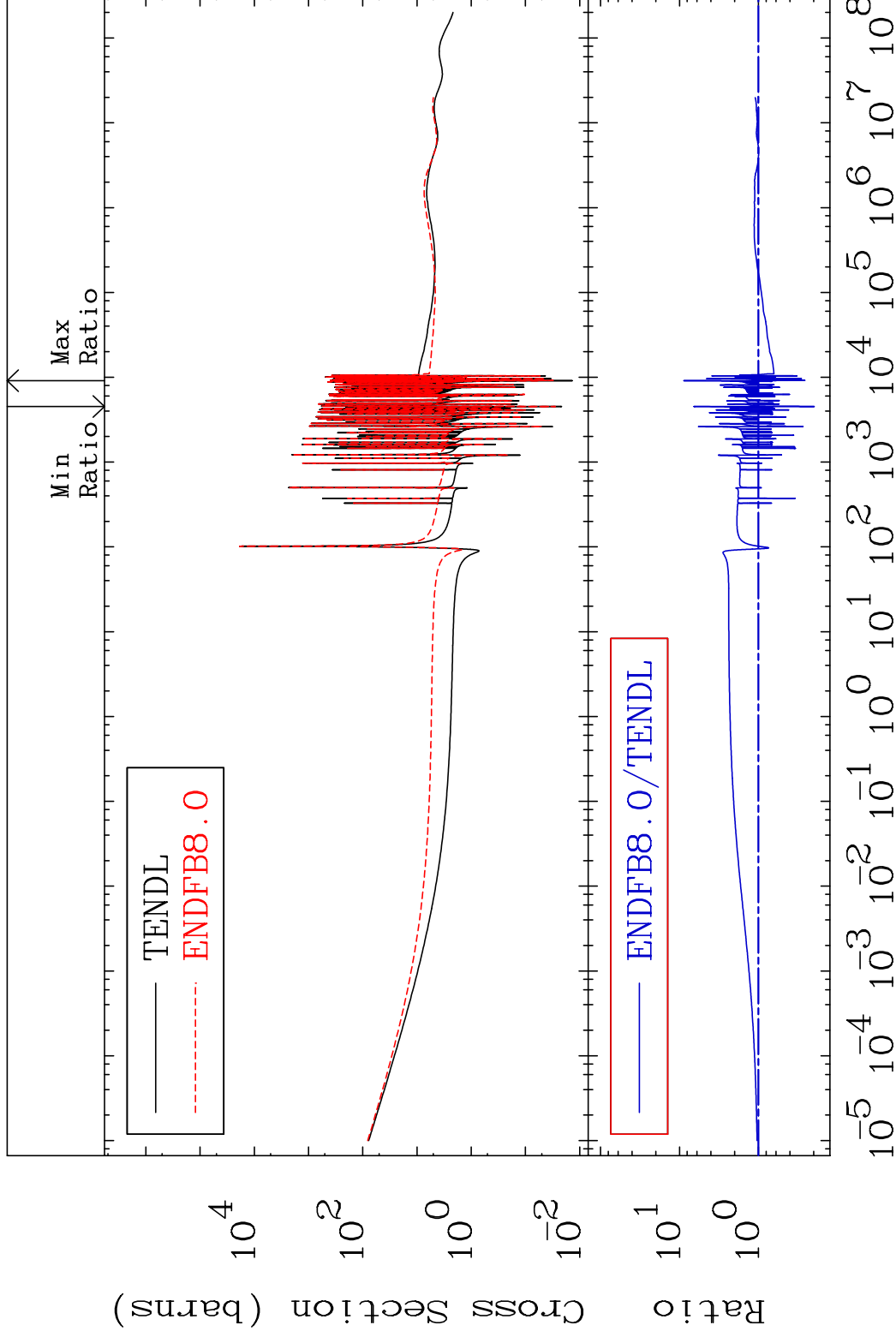
MAT 5637

Total

56-Ba-134

Cross Section

-80.29 To 786.3 %



1

Incident Energy (eV)

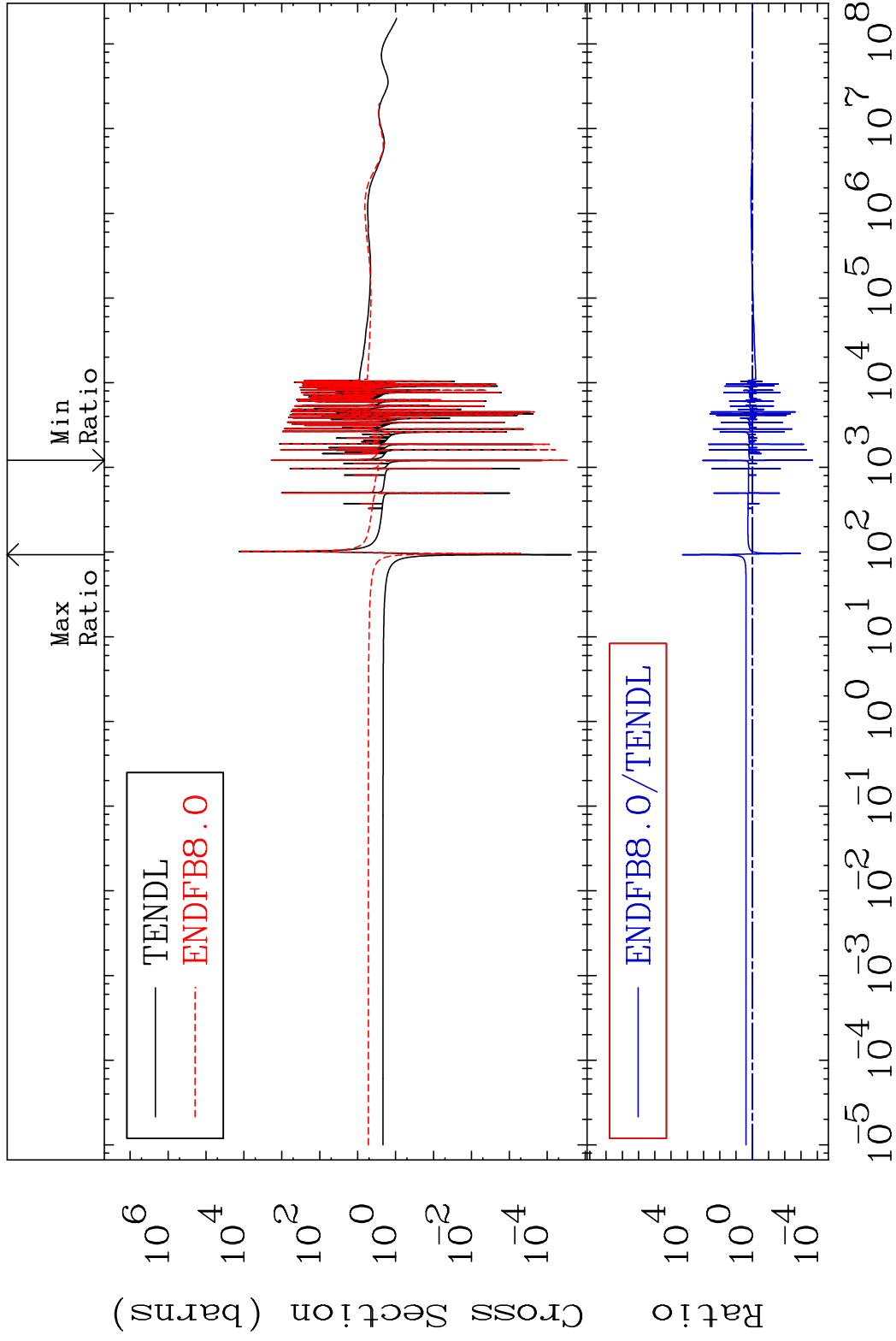
56-Ba-134

MAT 5637

Elastic

56-Ba-134

Cross Section -99.98 To 9999. %



2

Incident Energy (eV)

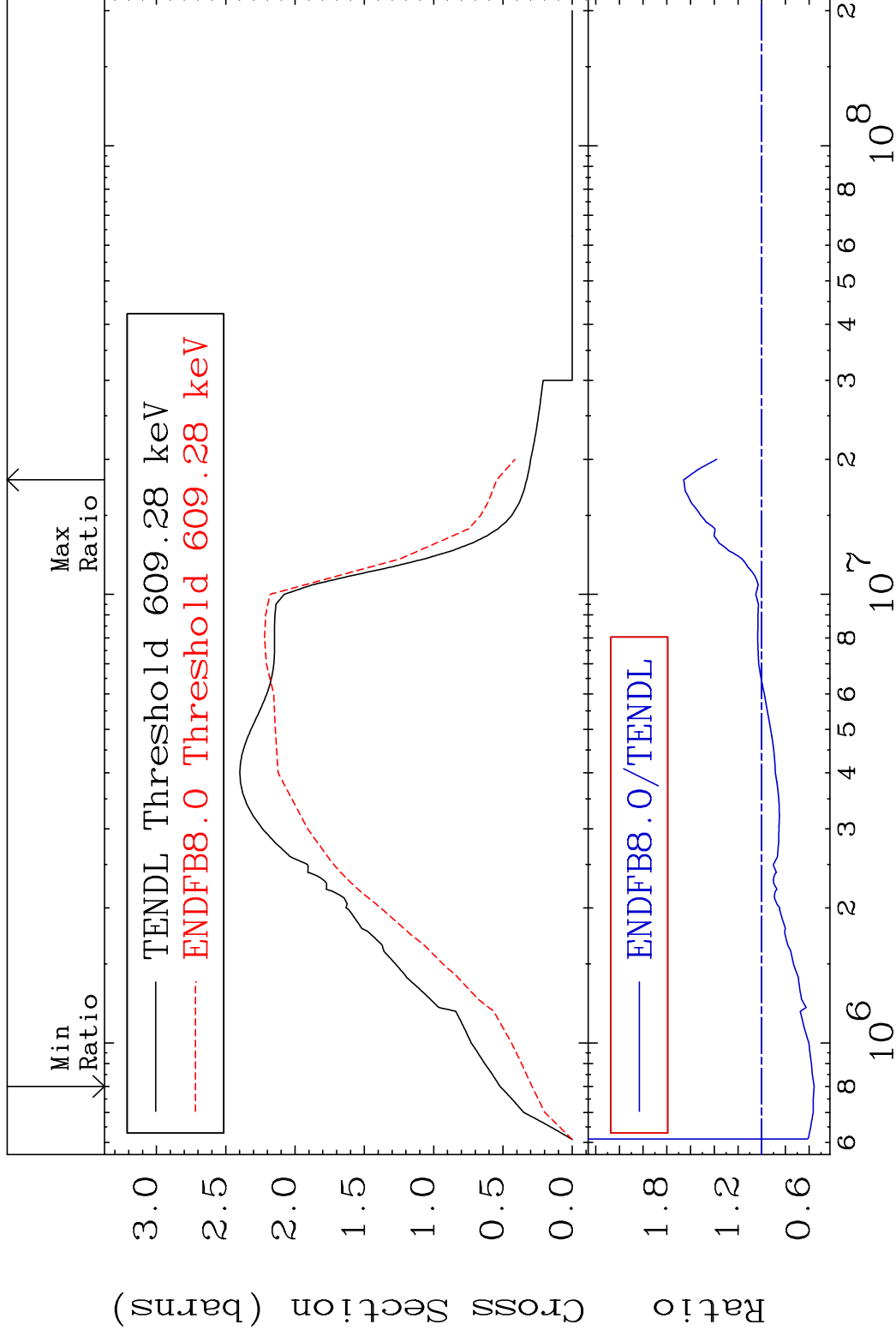
56-Ba-134

MAT 5637

Inelastic

56-Ba-134

Cross Section -44.24 To 65.81 %



3

Incident Energy (eV)

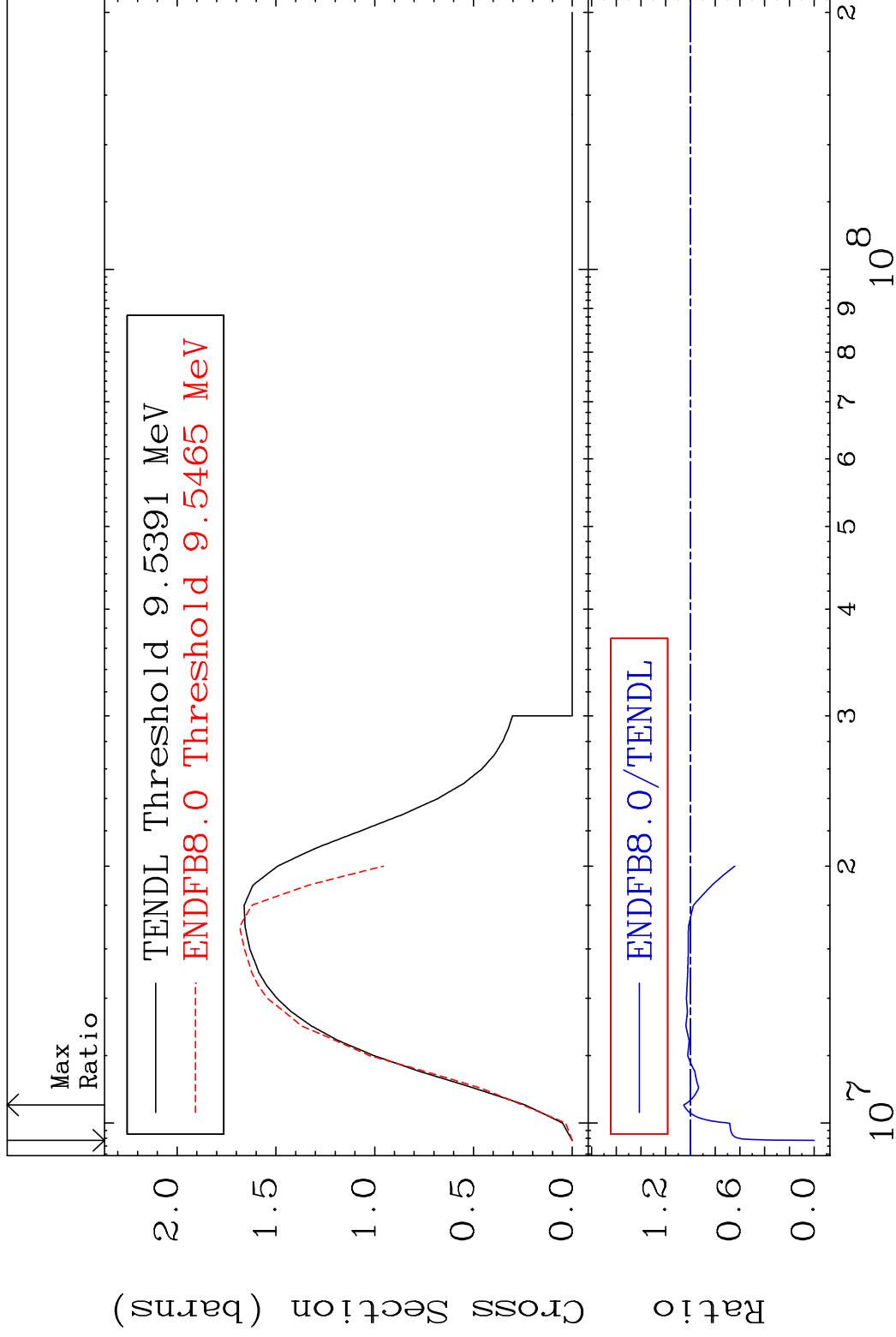
56-Ba-134

MAT 5637

(n,2n)

56-Ba-134

Cross Section -100.0 To 5.504 %



4

Incident Energy (eV)

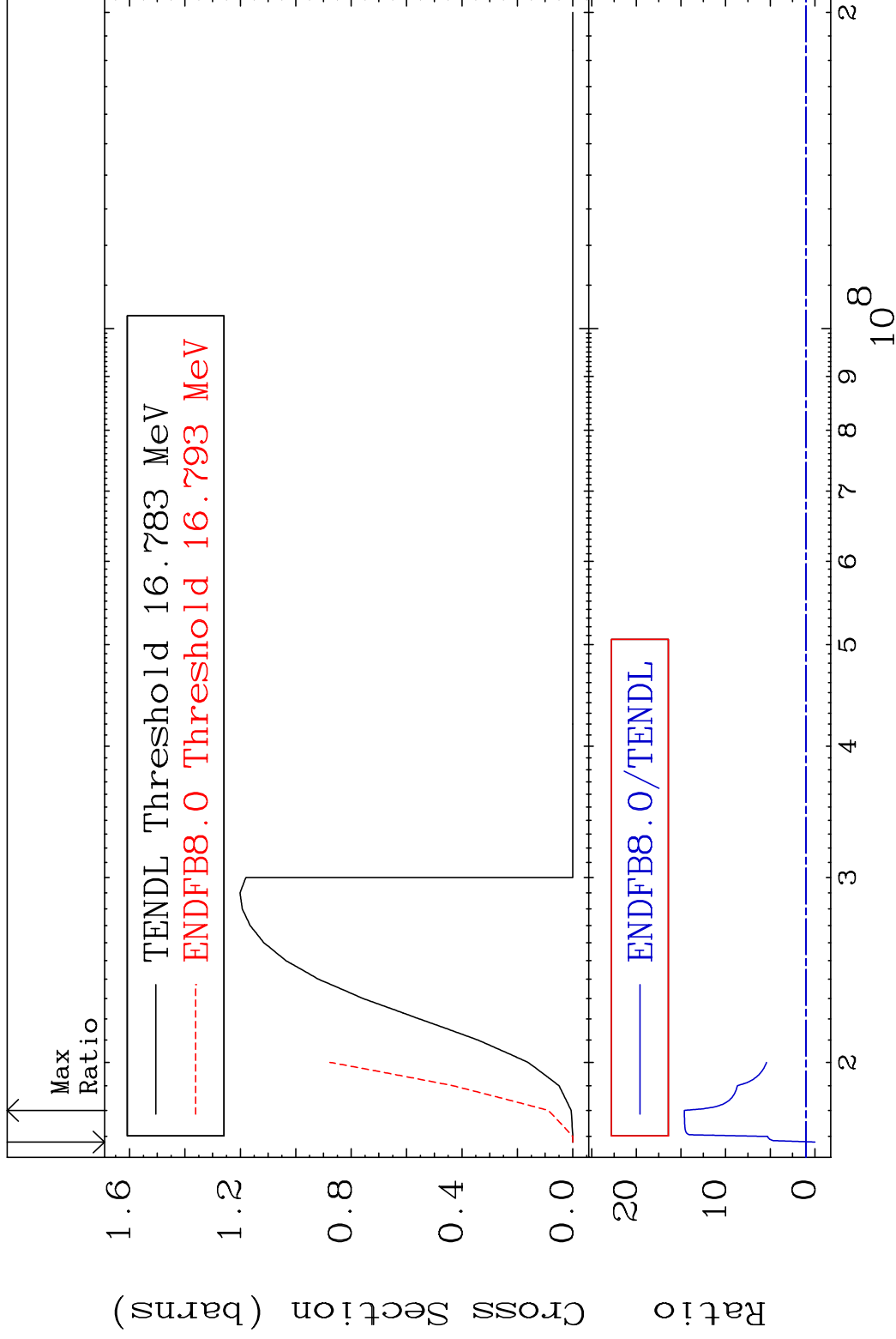
56-Ba-134

MAT 5637

(n,3n)

56-Ba-134

Cross Section -100.0 To 1363. %



5

Incident Energy (eV)

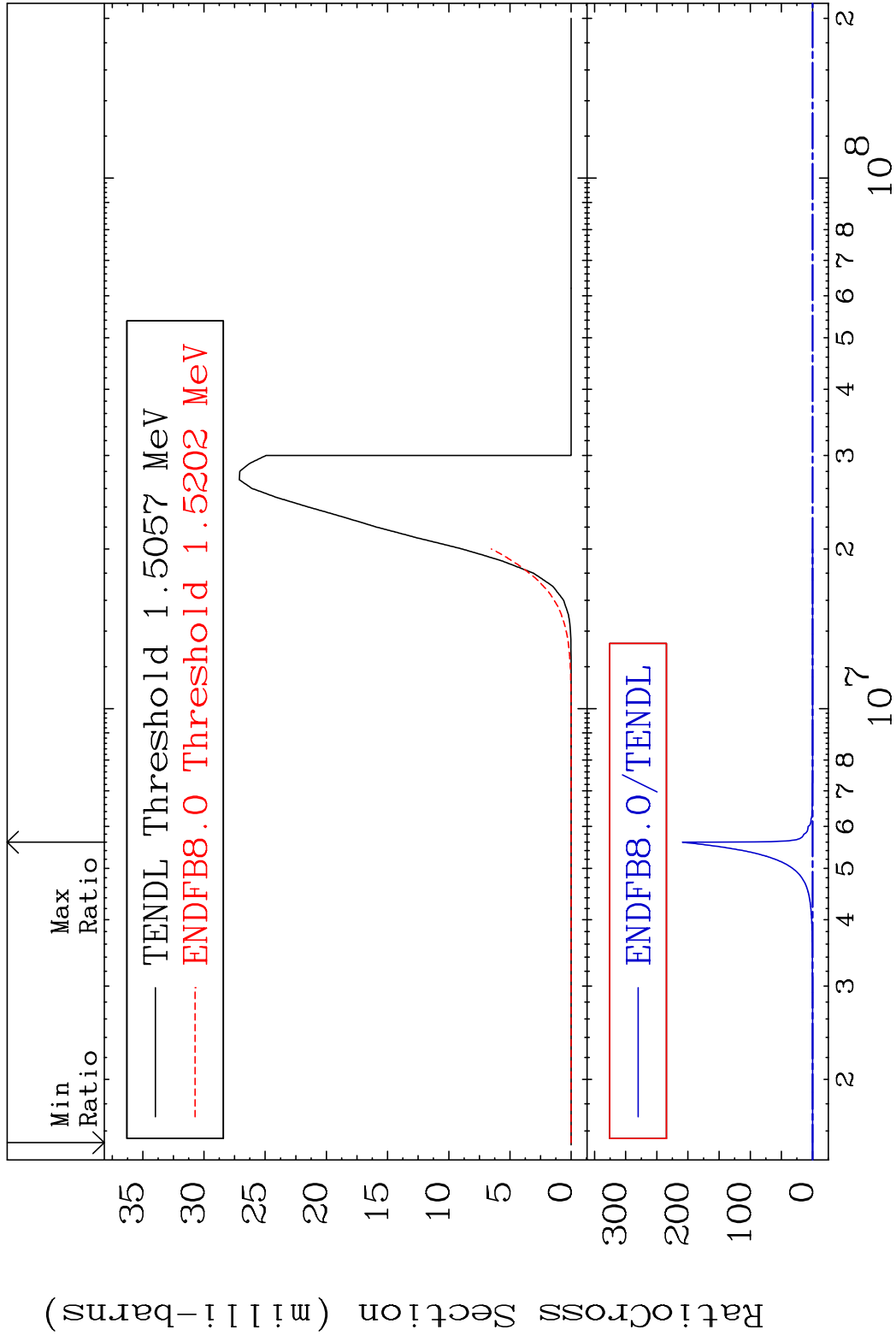
56-Ba-134

MAT 5637

(n, n') α

56-Ba-134

Cross Section -100.0 To 9999. %

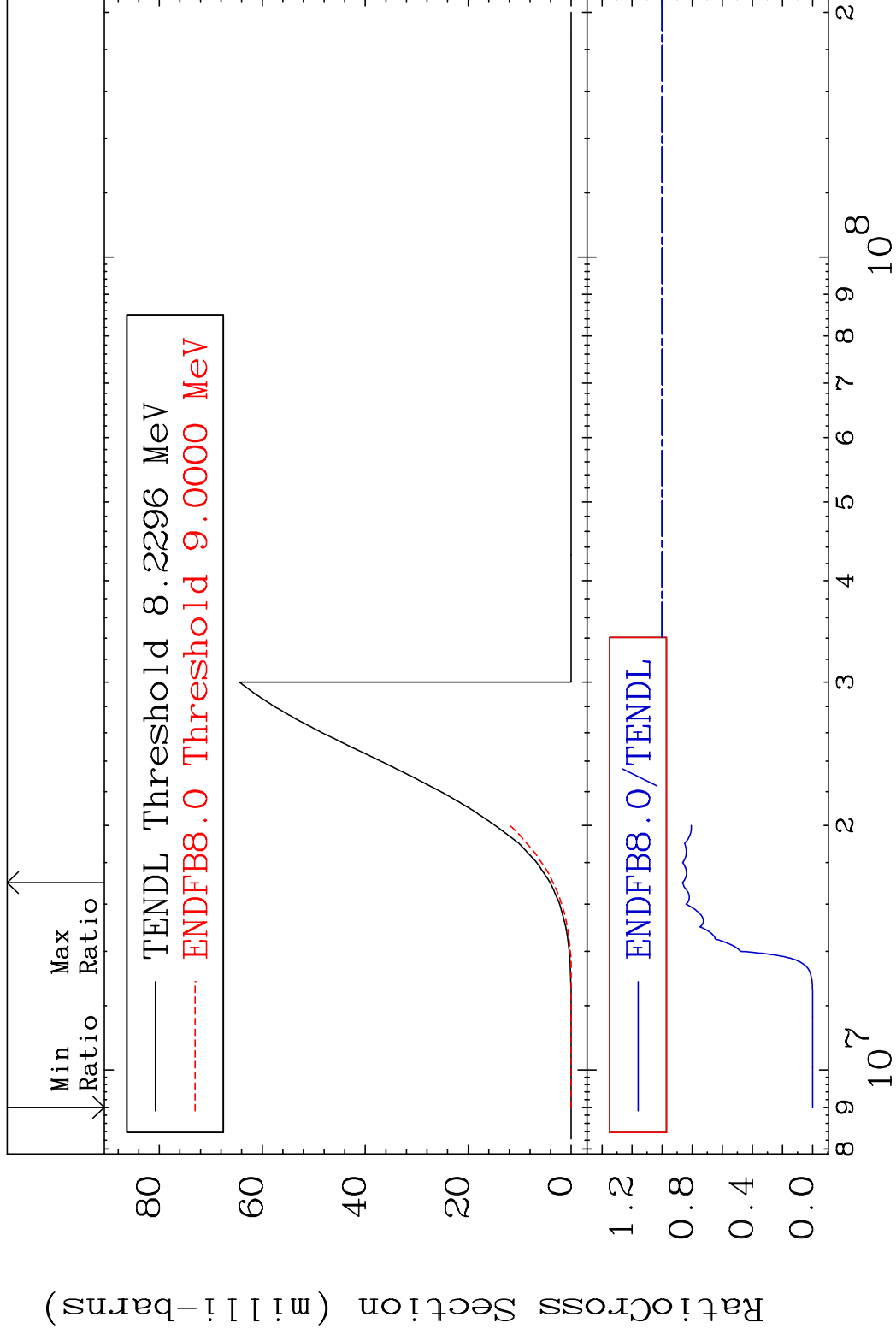


MAT 5637

(n, n') p

56-Ba-134

Cross Section -100.0 To -13.42%

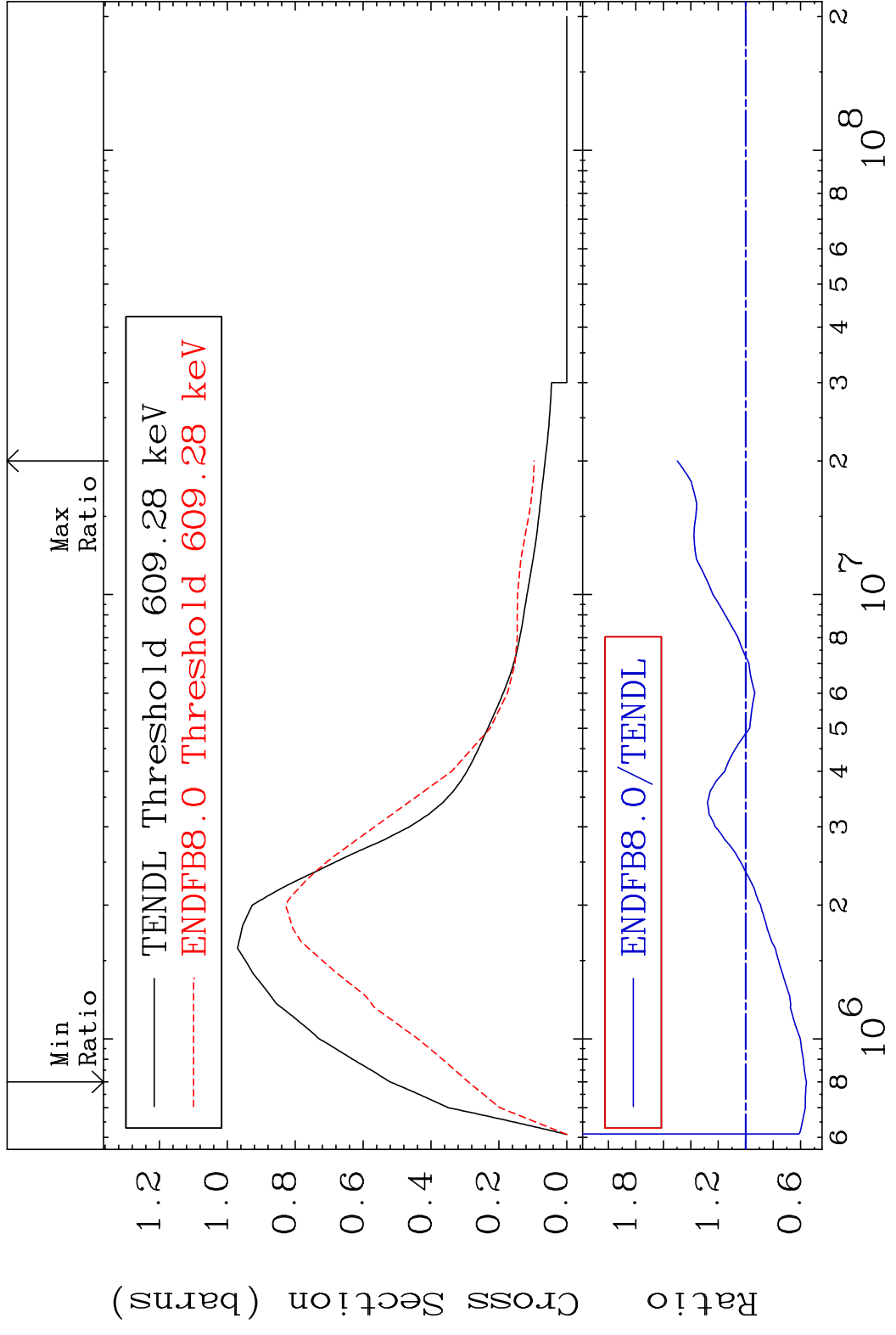


7

Incident Energy (eV)

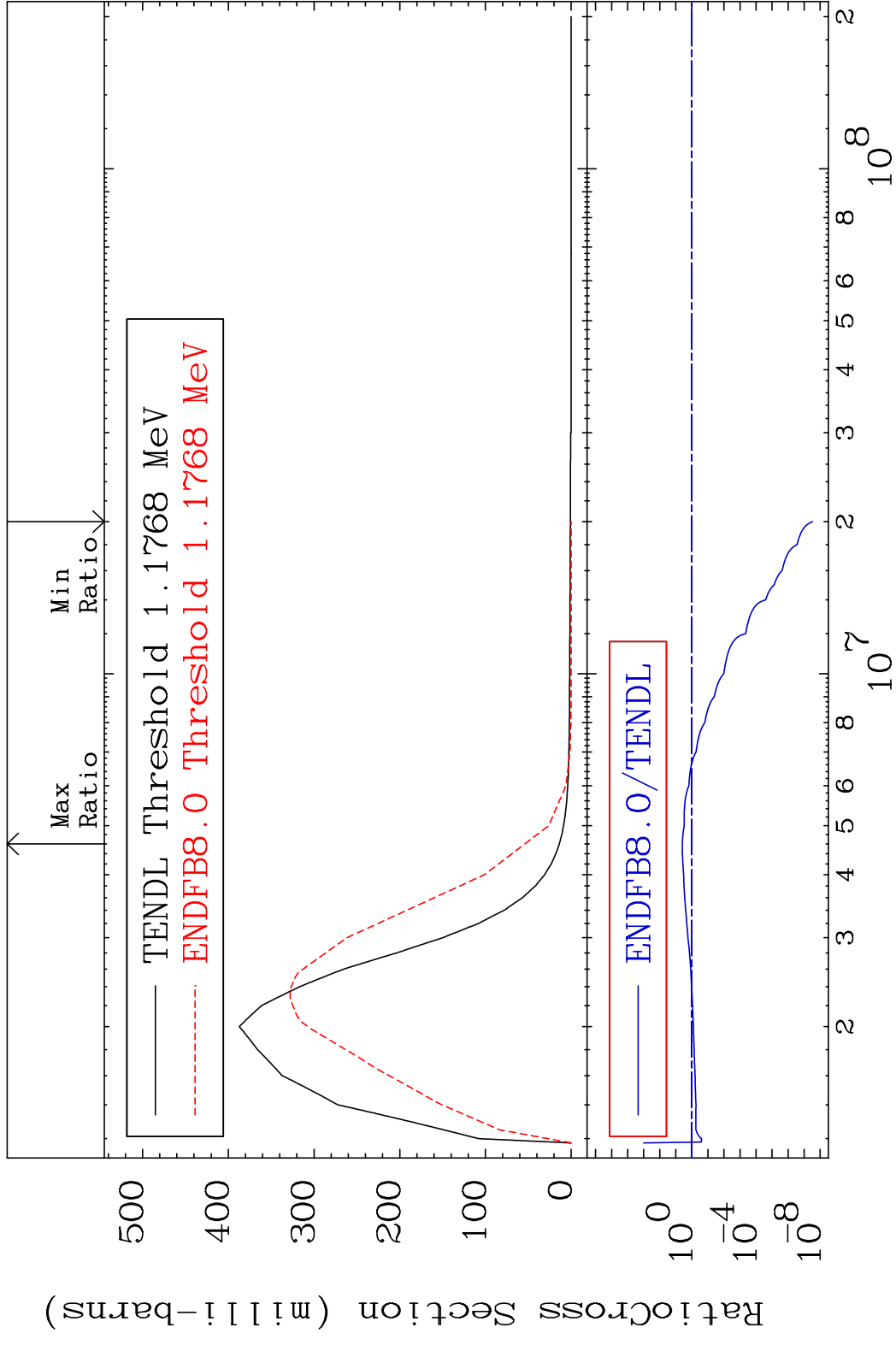
56-Ba-134

MAT 5637 MT= 51 (n, n') Level 56-Ba-134
 Cross Section -44.24 To 49.89 %



8 Incident Energy (eV) 56-Ba-134

MAT 5637 MT= 52 (n, n') Level 56-Ba-134
 Cross Section -100.0 To 290.4 %

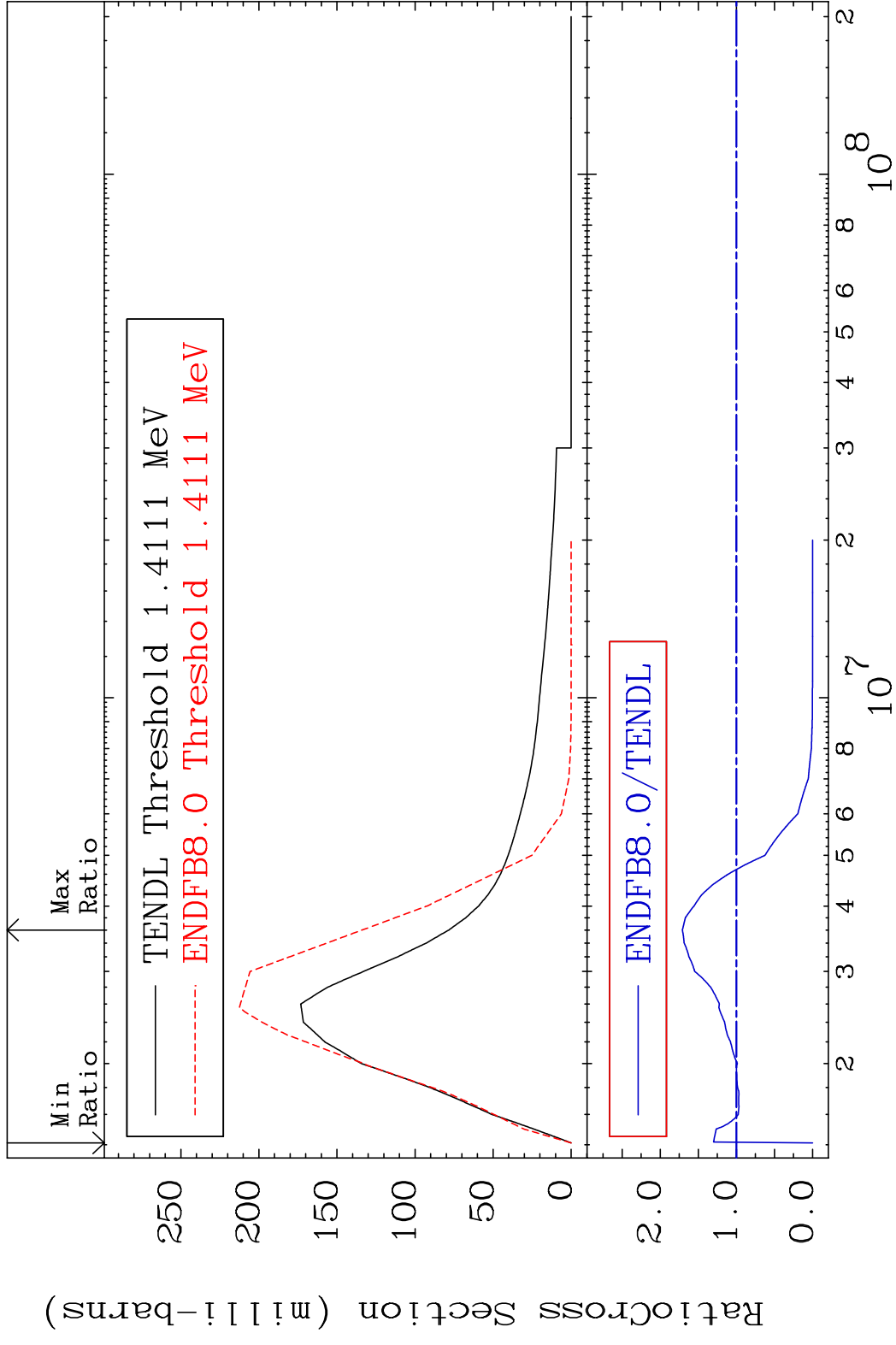


MAT 5637

MT= 53 (n, n') Level

56-Ba-134

Cross Section -100.0 To 70.92 %

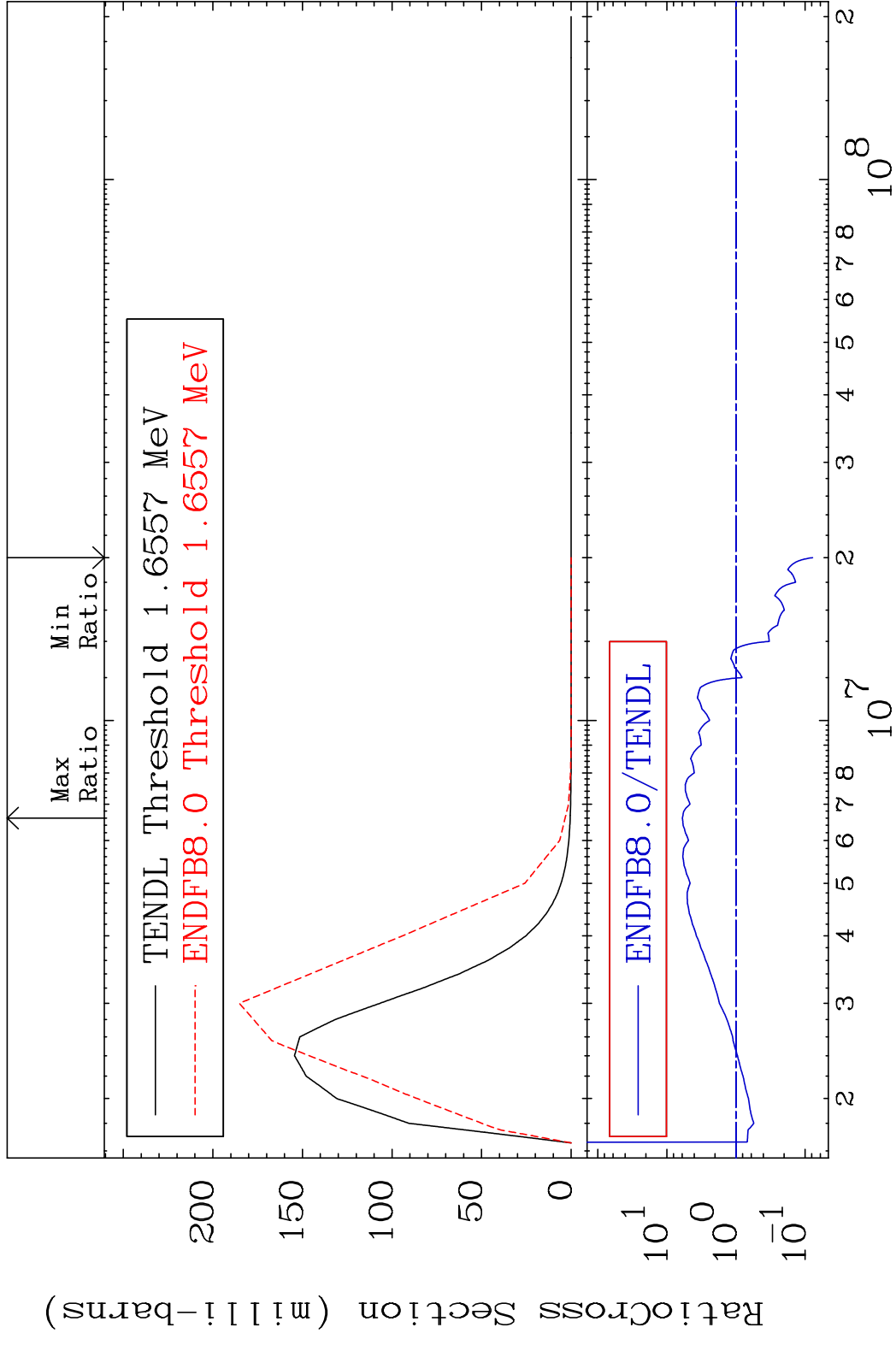


10

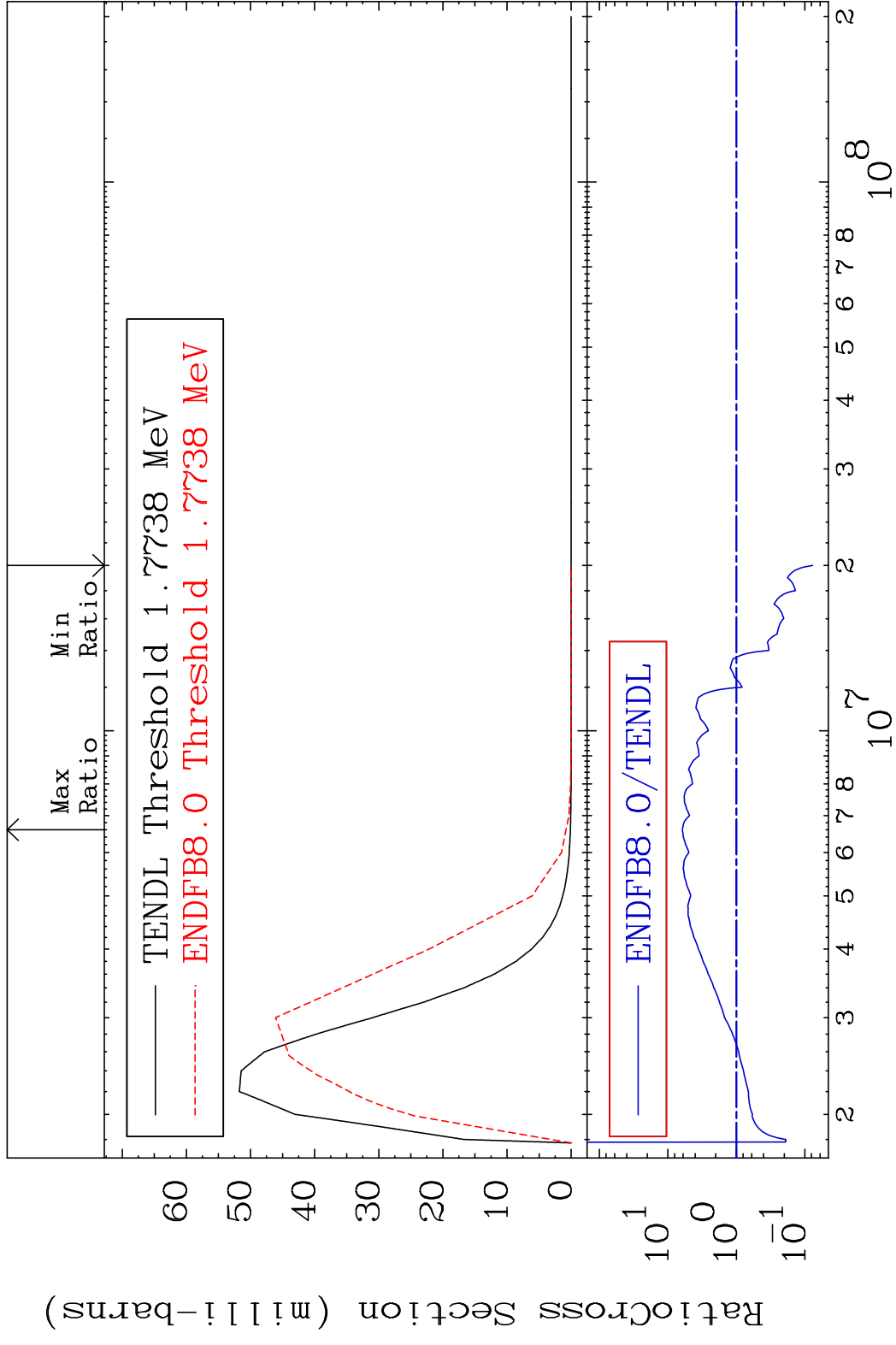
Incident Energy (eV)

56-Ba-134

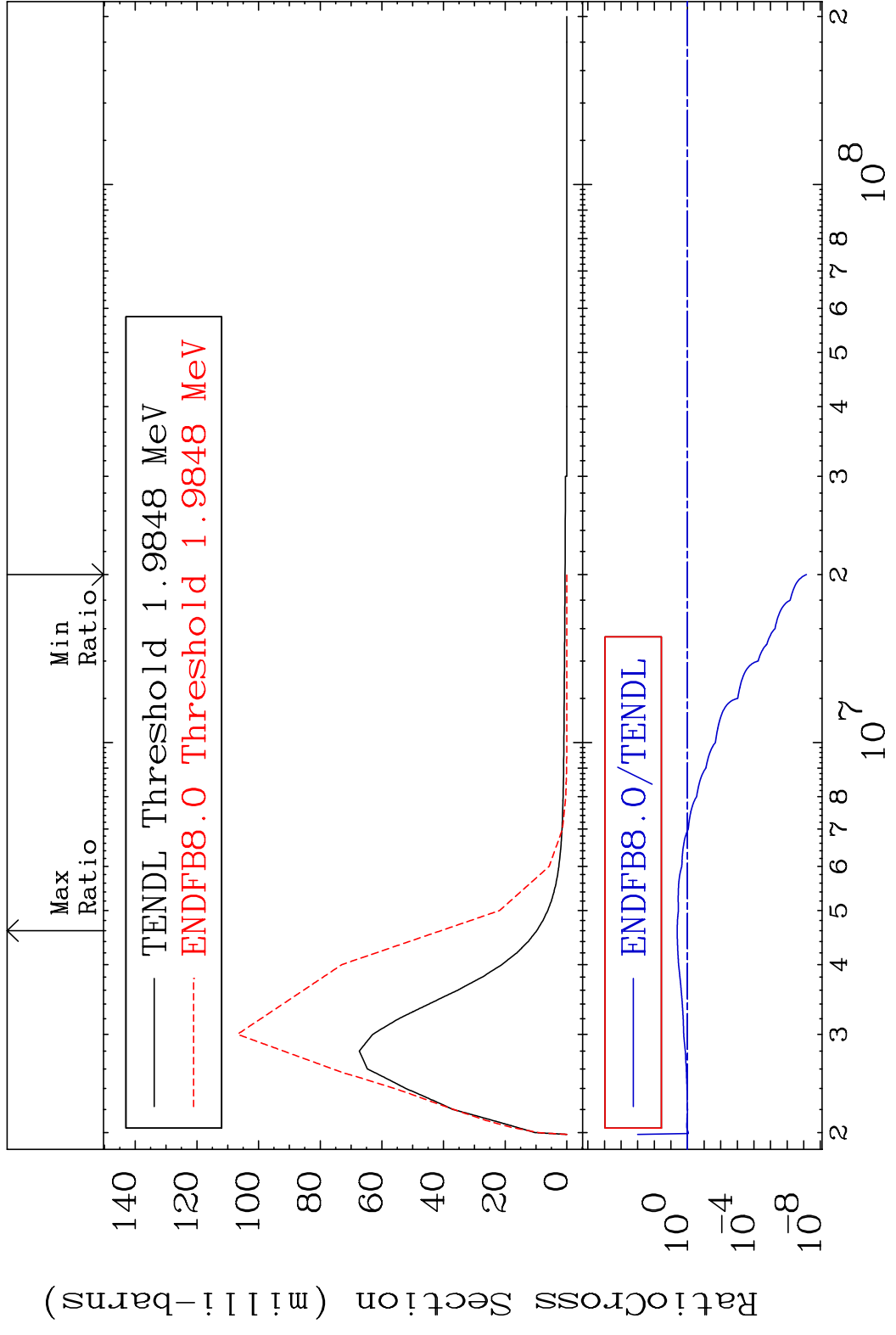
MAT 5637 MT= 54 (n, n') Level 56-Ba-134
 Cross Section -92.23 To 495.6 %



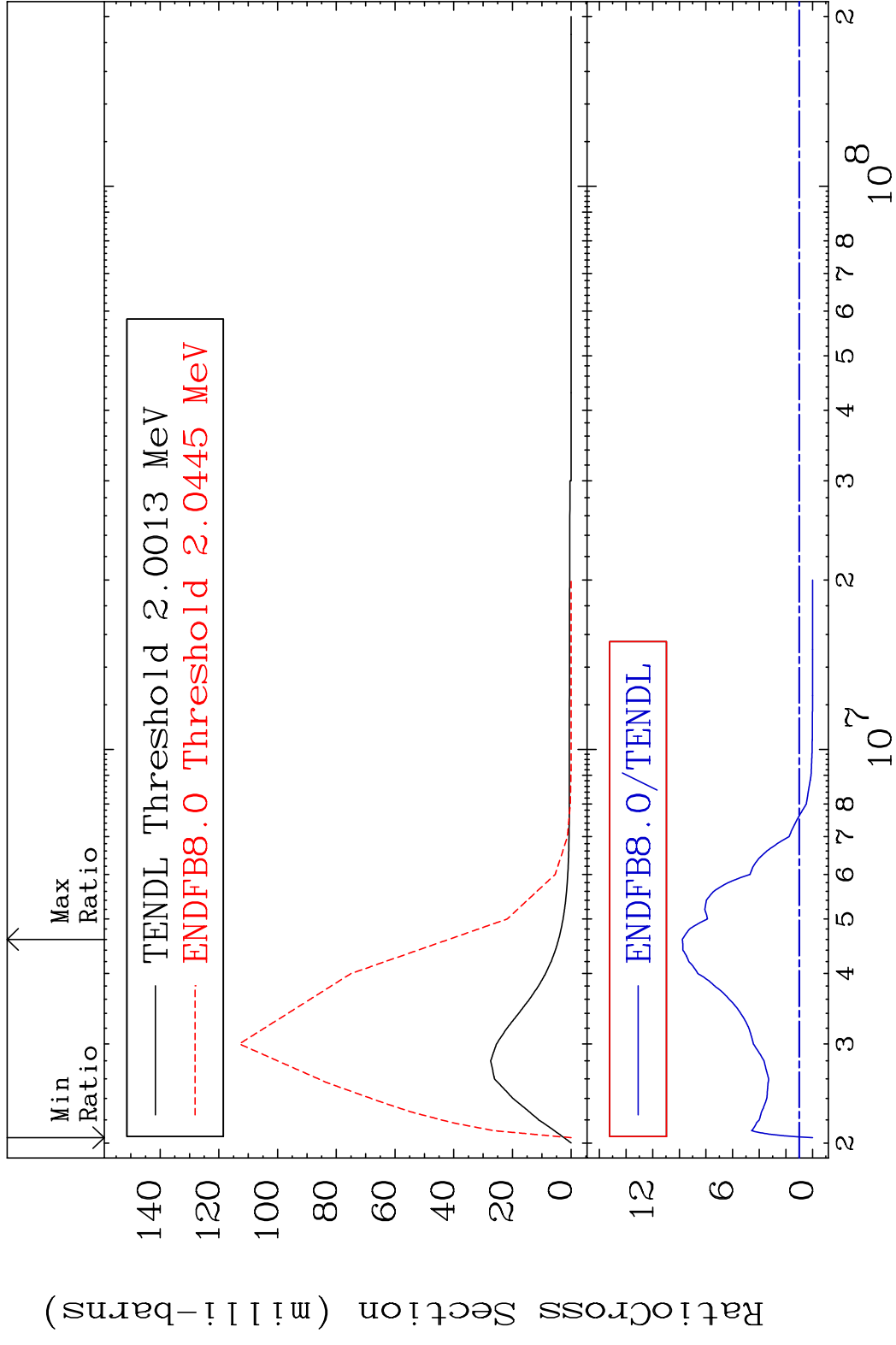
MAT 5637 MT= 55 (n, n') Level 56-Ba-134
 Cross Section -92.26 To 515.3 %



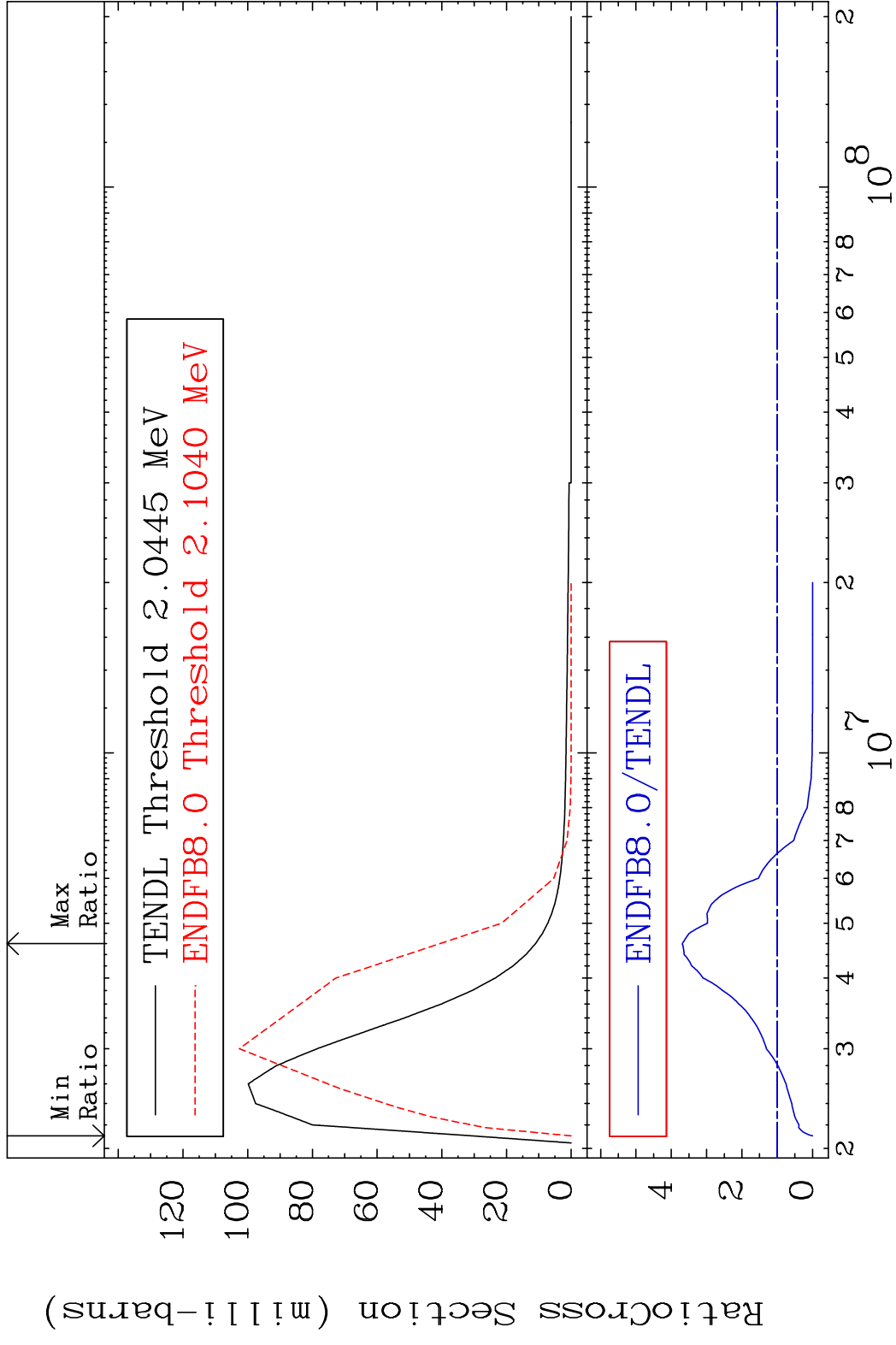
MAT 5637 MT= 56 (n, n') Level 56-Ba-134
 Cross Section -100.0 To 318.4 %



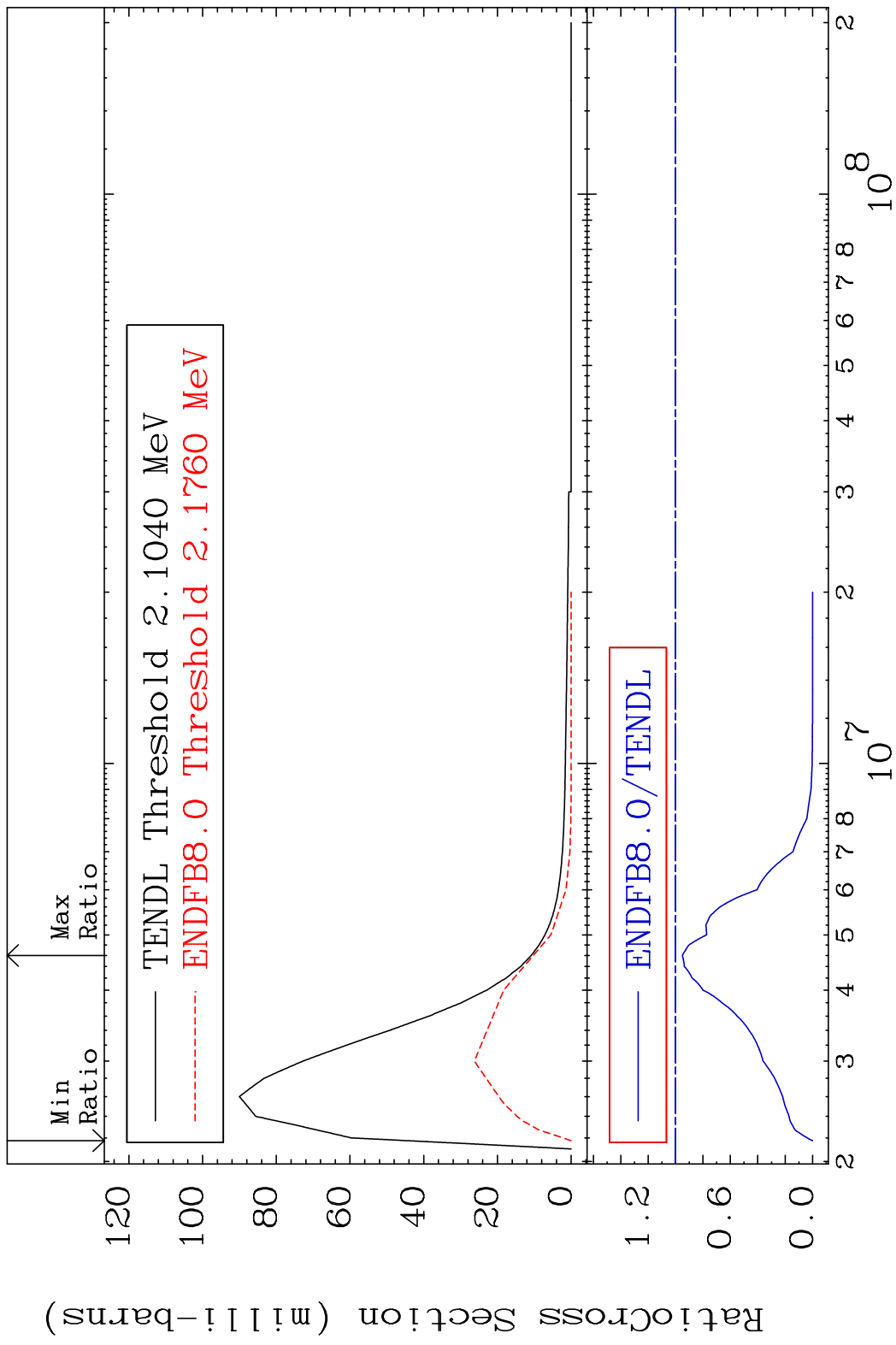
MAT 5637 MT= 57 (n,n') Level 56-Ba-134
 Cross Section -100.0 To 877.3 %



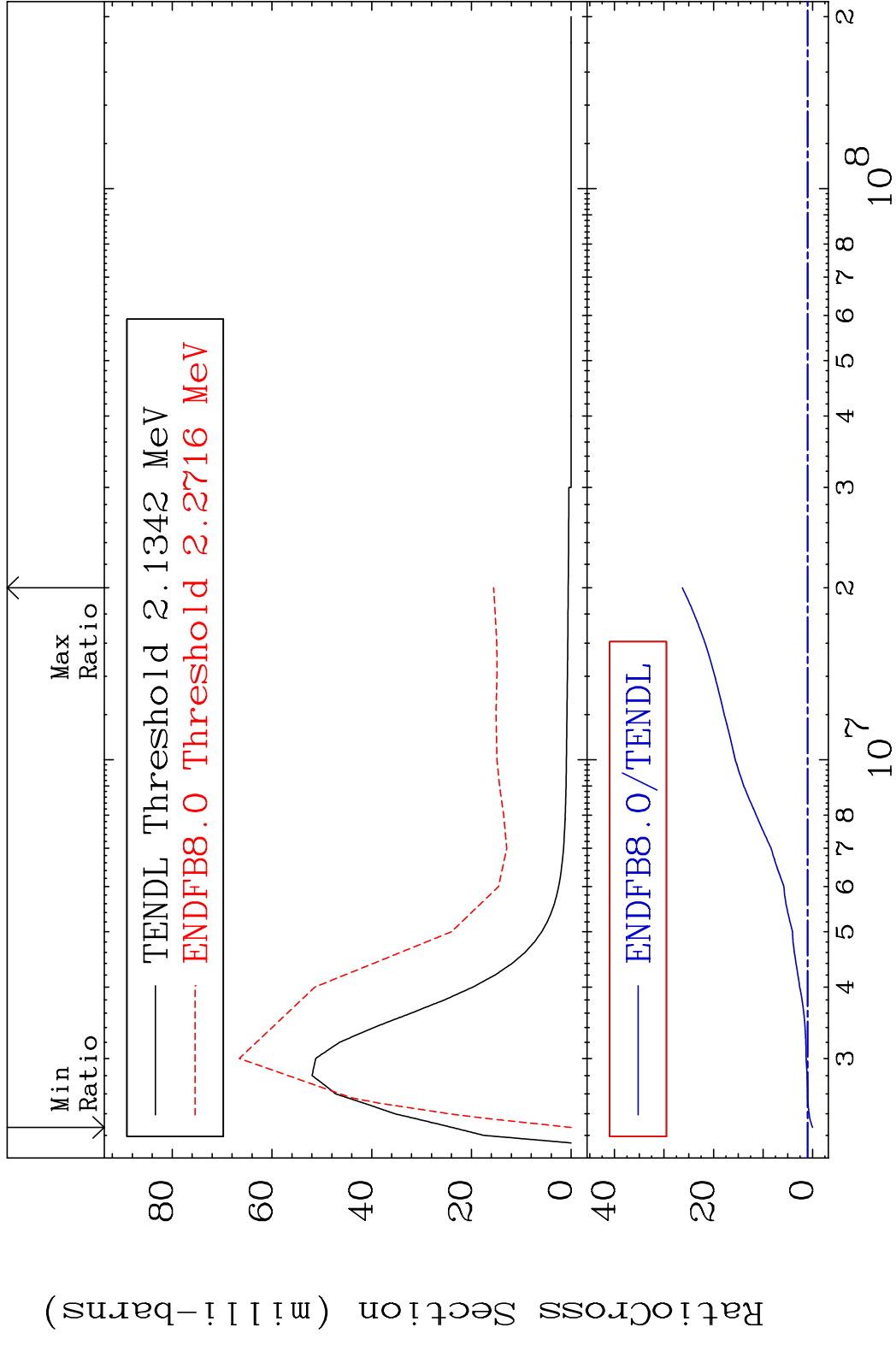
MAT 5637 MT= 58 (n,n') Level 56-Ba-134
 Cross Section -100.0 To 268.7 %



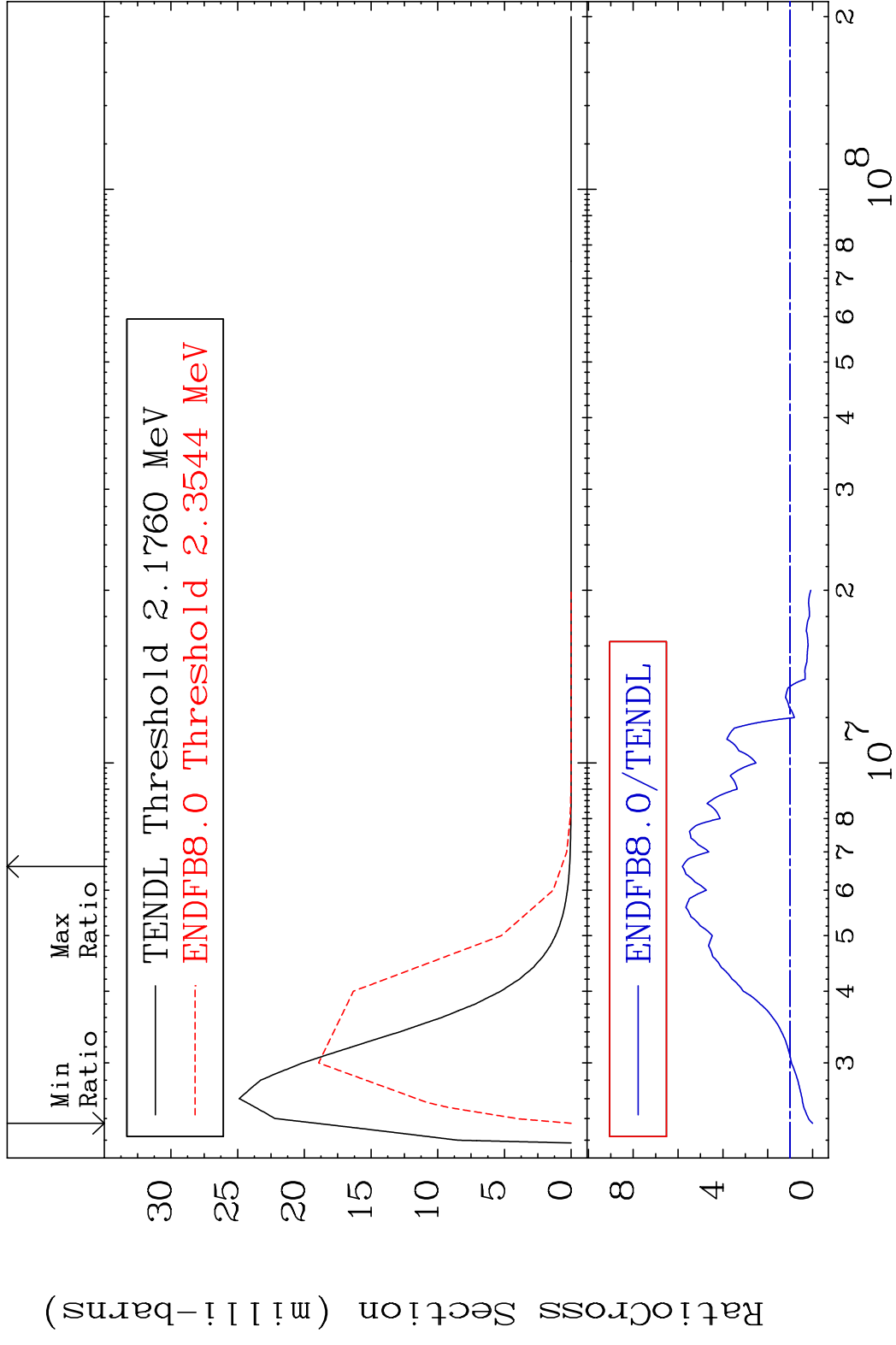
MAT 5637 MT= 59 (n,n') Level 56-Ba-134
 Cross Section -100.0 To -4.960%



MAT 5637 MT= 60 (n, n') Level 56-Ba-134
 Cross Section -100.0 To 2529. %



MAT 5637 MT= 61 (n, n') Level 56-Ba-134
 Cross Section -100.0 To 480.7 %

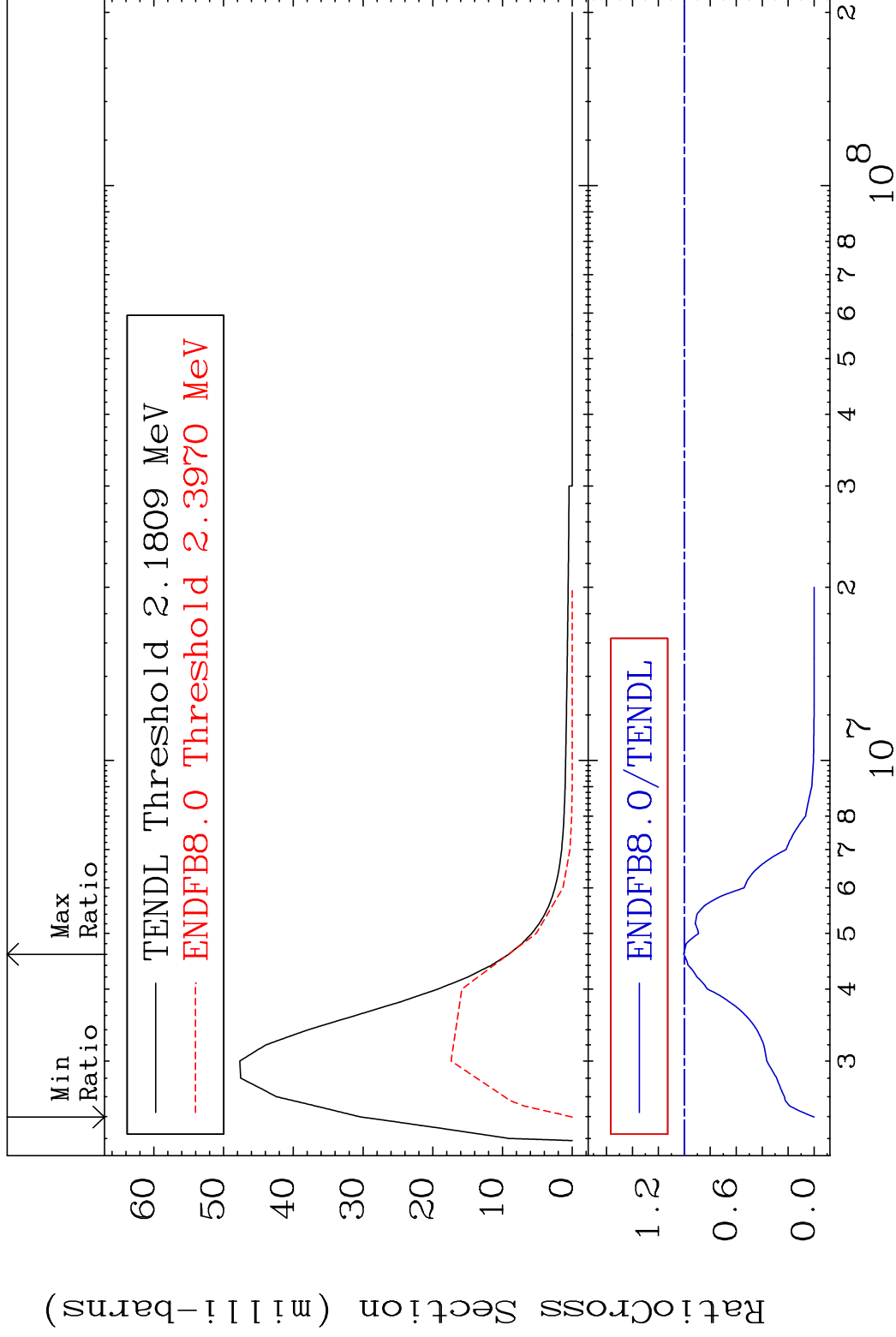


MAT 5637

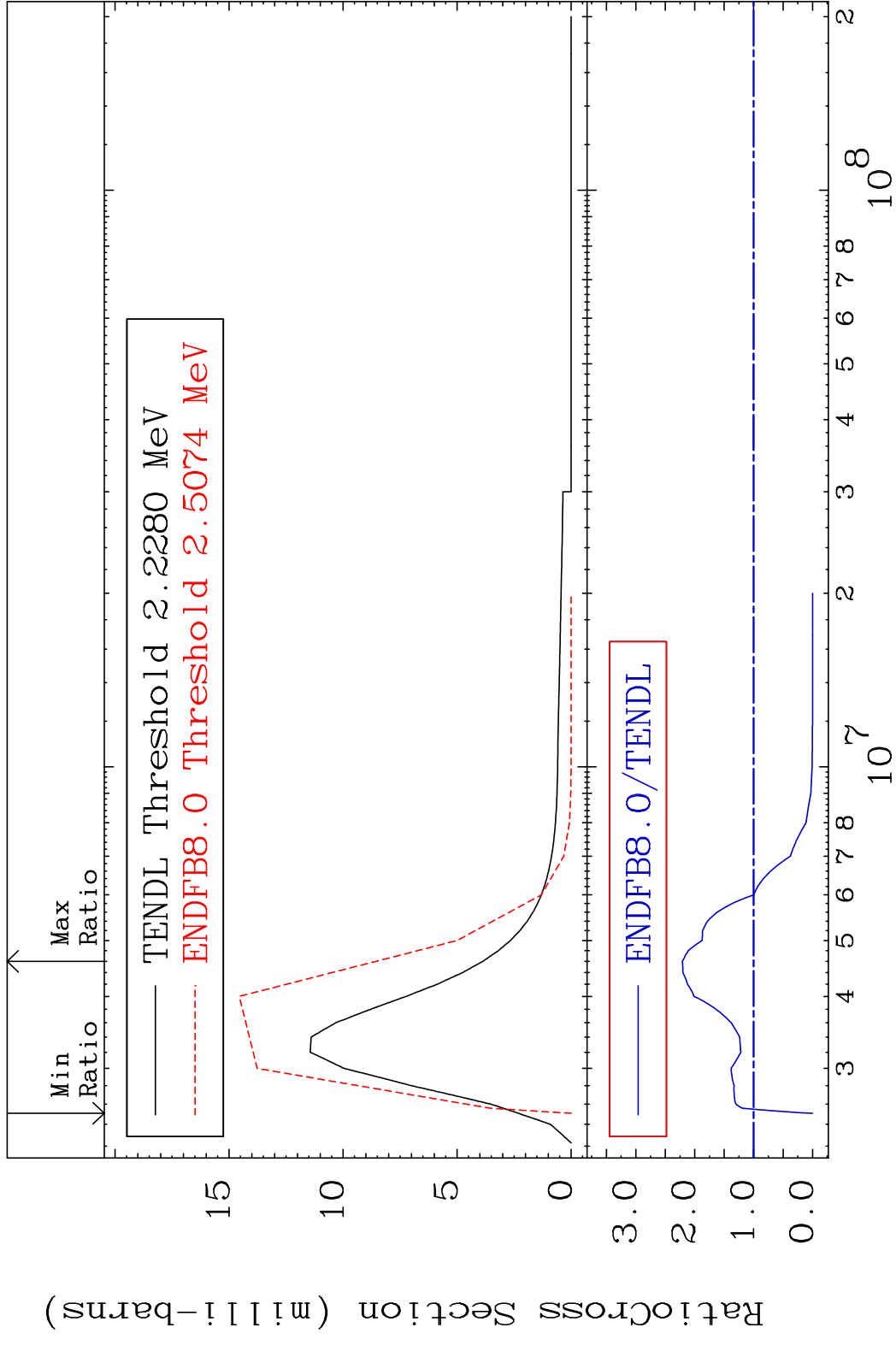
MT= 62 (n, n') Level

56-Ba-134

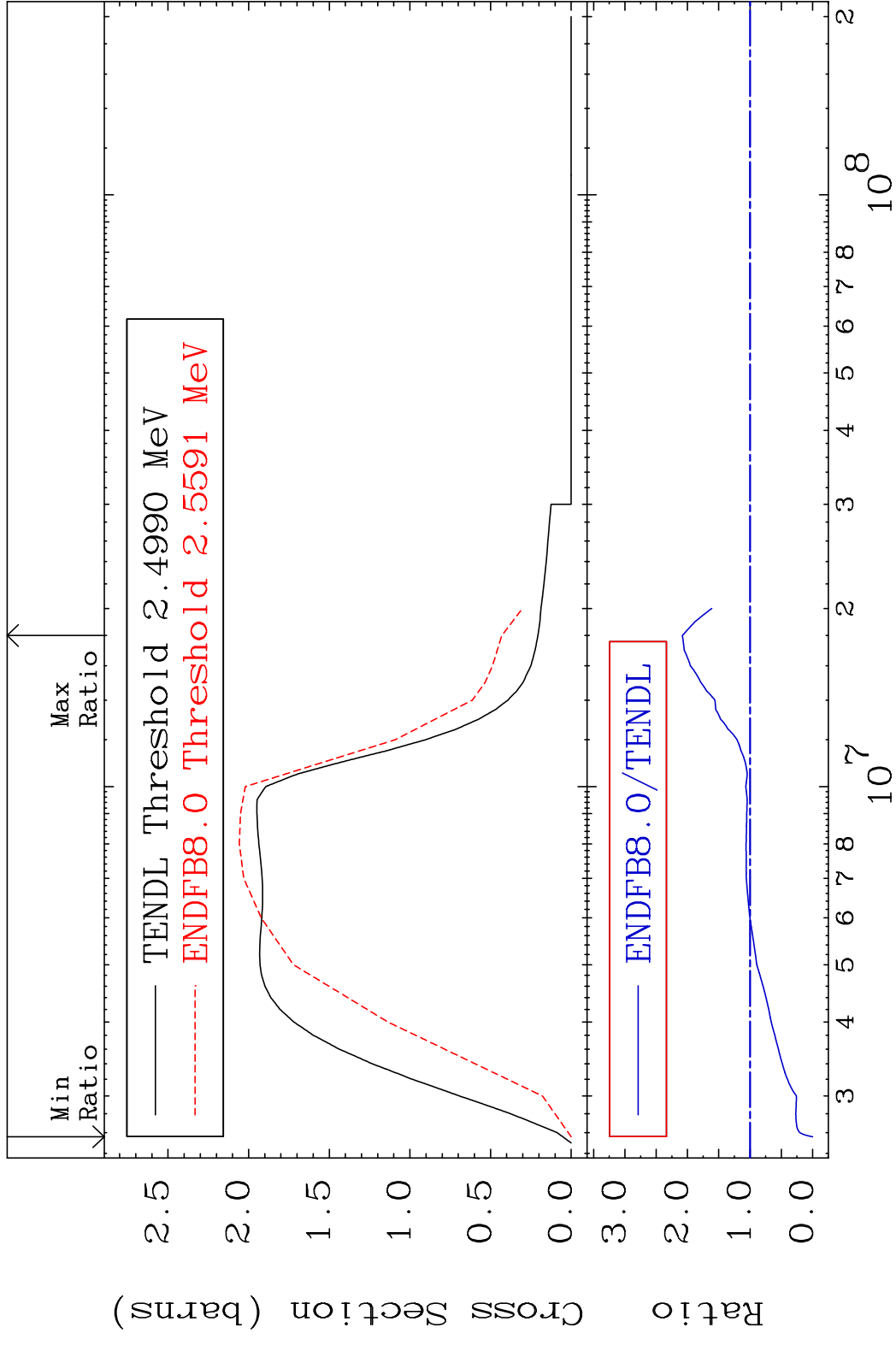
Cross Section -100.0 To 0.507 %



MAT 5637 MT= 63 (n, n') Level 56-Ba-134
 Cross Section -100.0 To 121.1 %



MAT 5637 (n, n') Continuum 56-Ba-134
 Cross Section -100.0 To 108.2 %



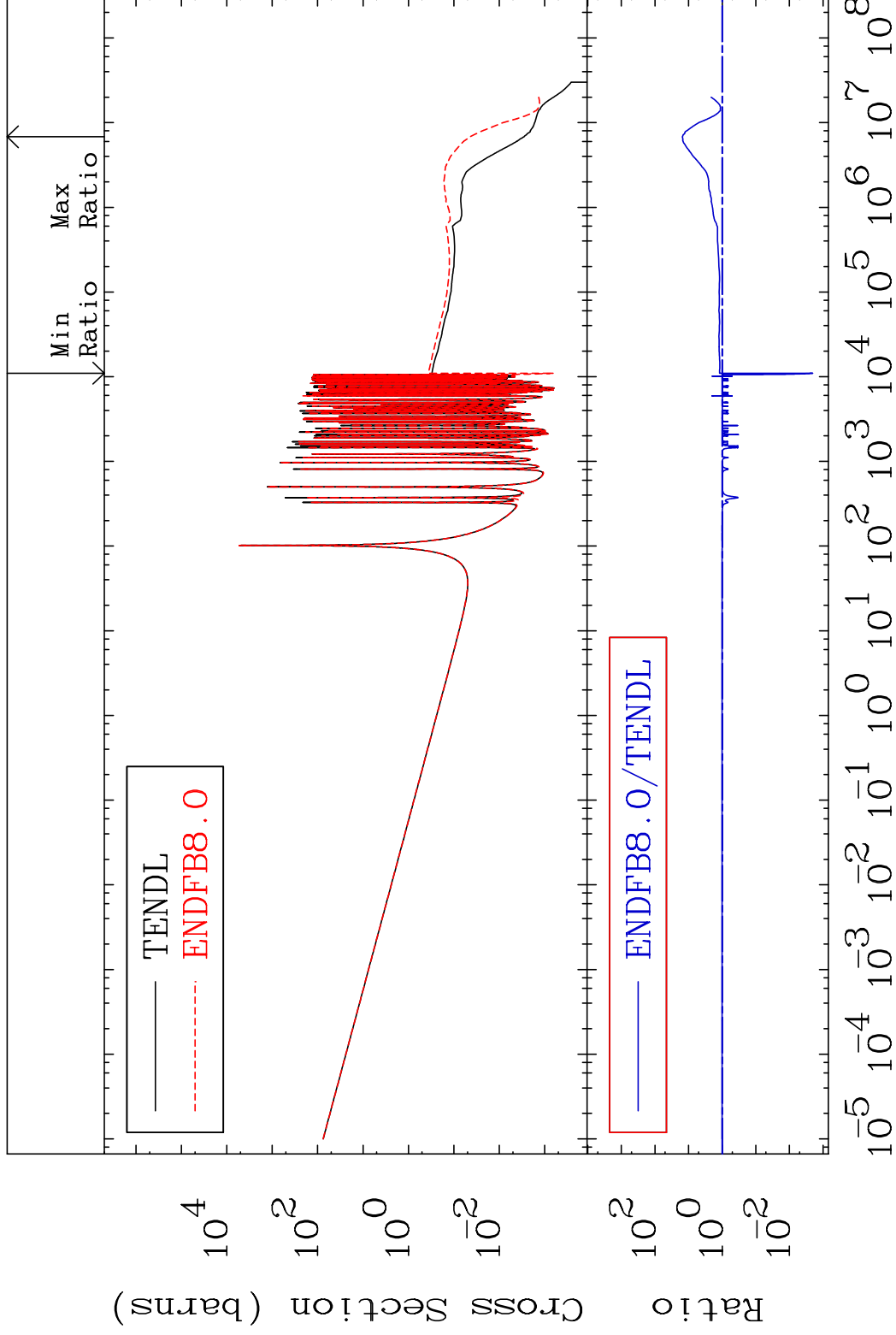
MAT 5637

(n, γ)

56-Ba-134

Cross Section

-99.79 To 1430. %



22

Incident Energy (eV)

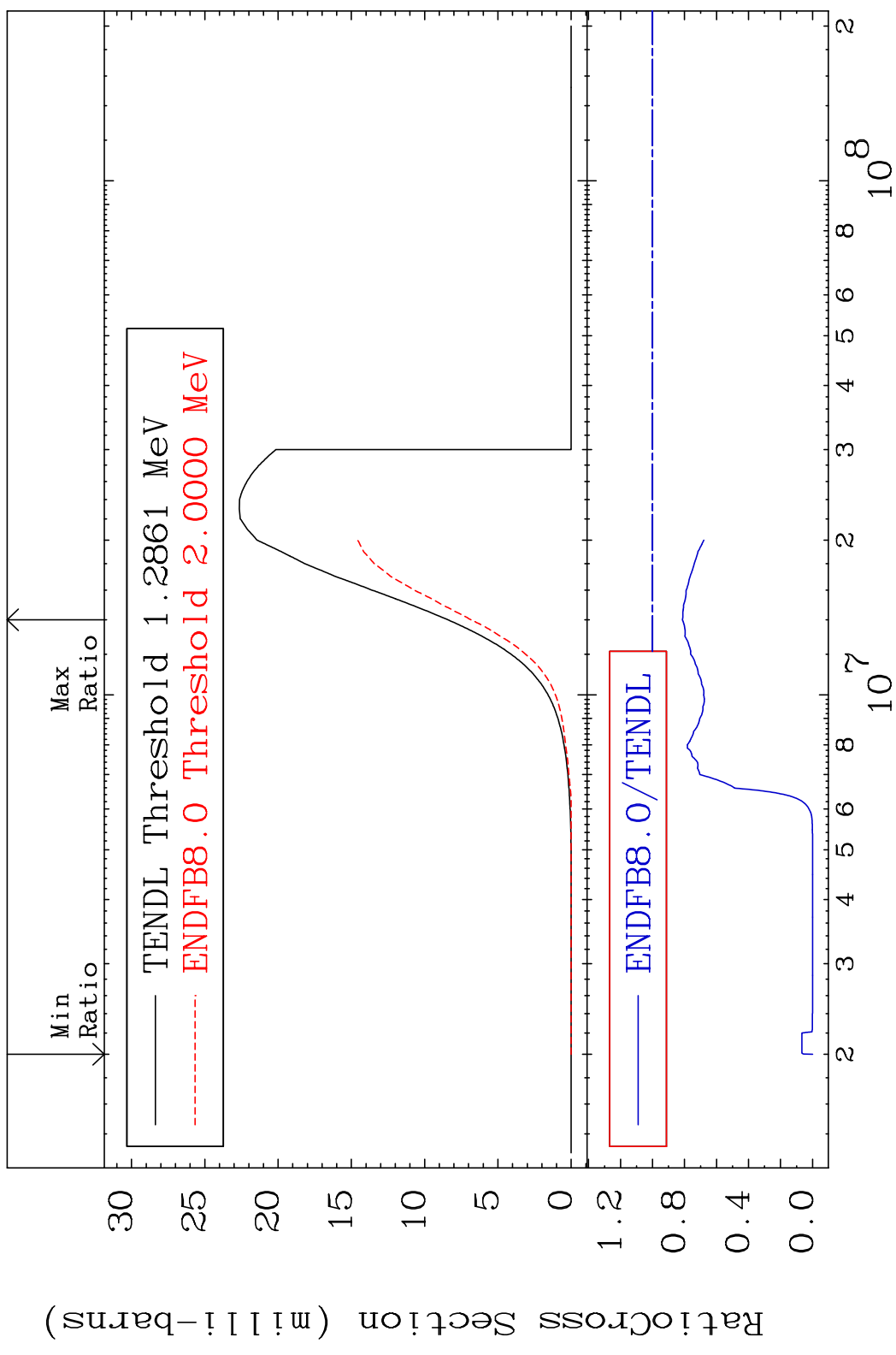
56-Ba-134

MAT 5637

(n, p)

56-Ba-134

Cross Section -100.0 To -18.64%

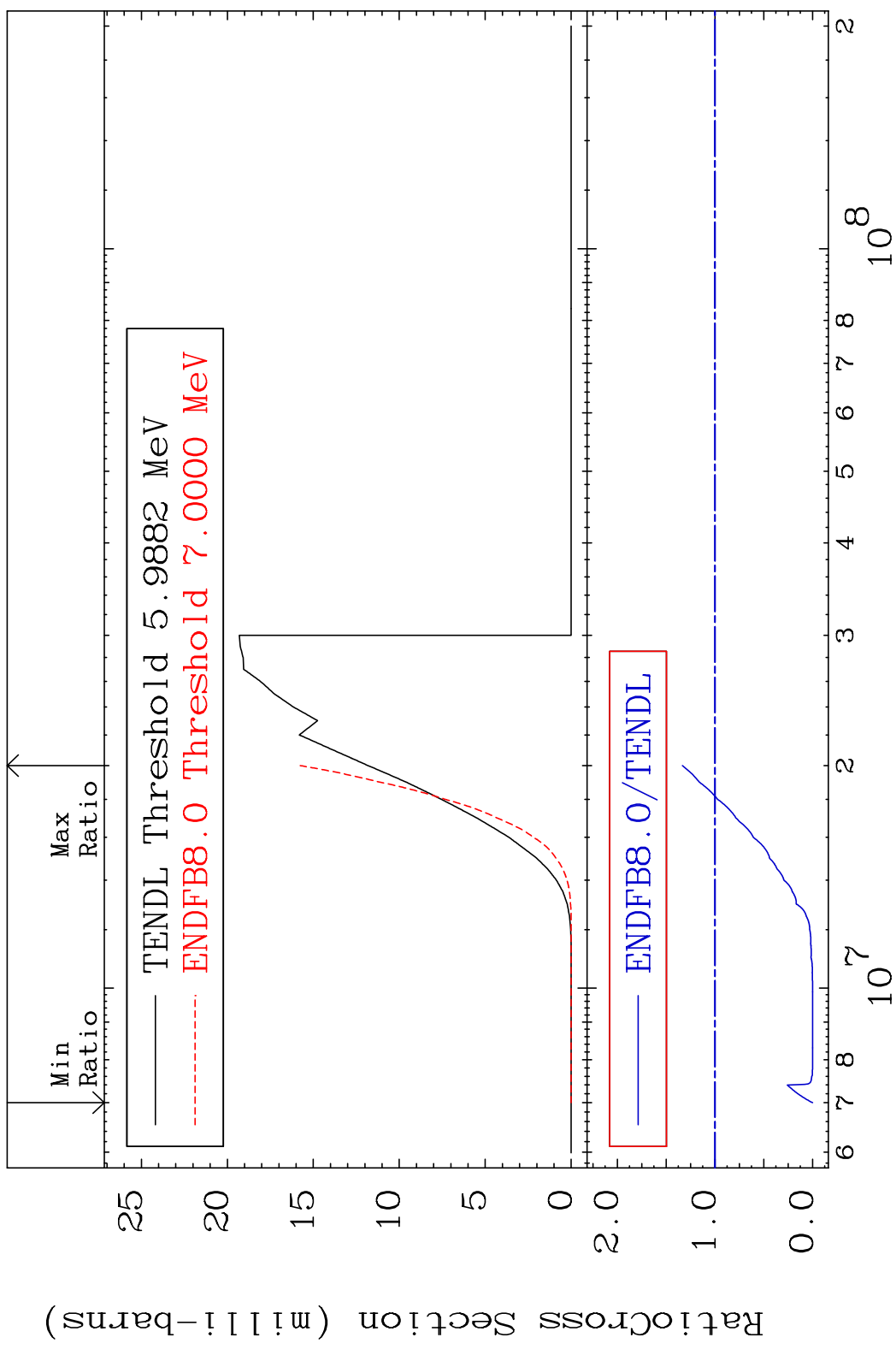


MAT 5637

(n,d)

56-Ba-134

Cross Section -100.0 To 33.36 %

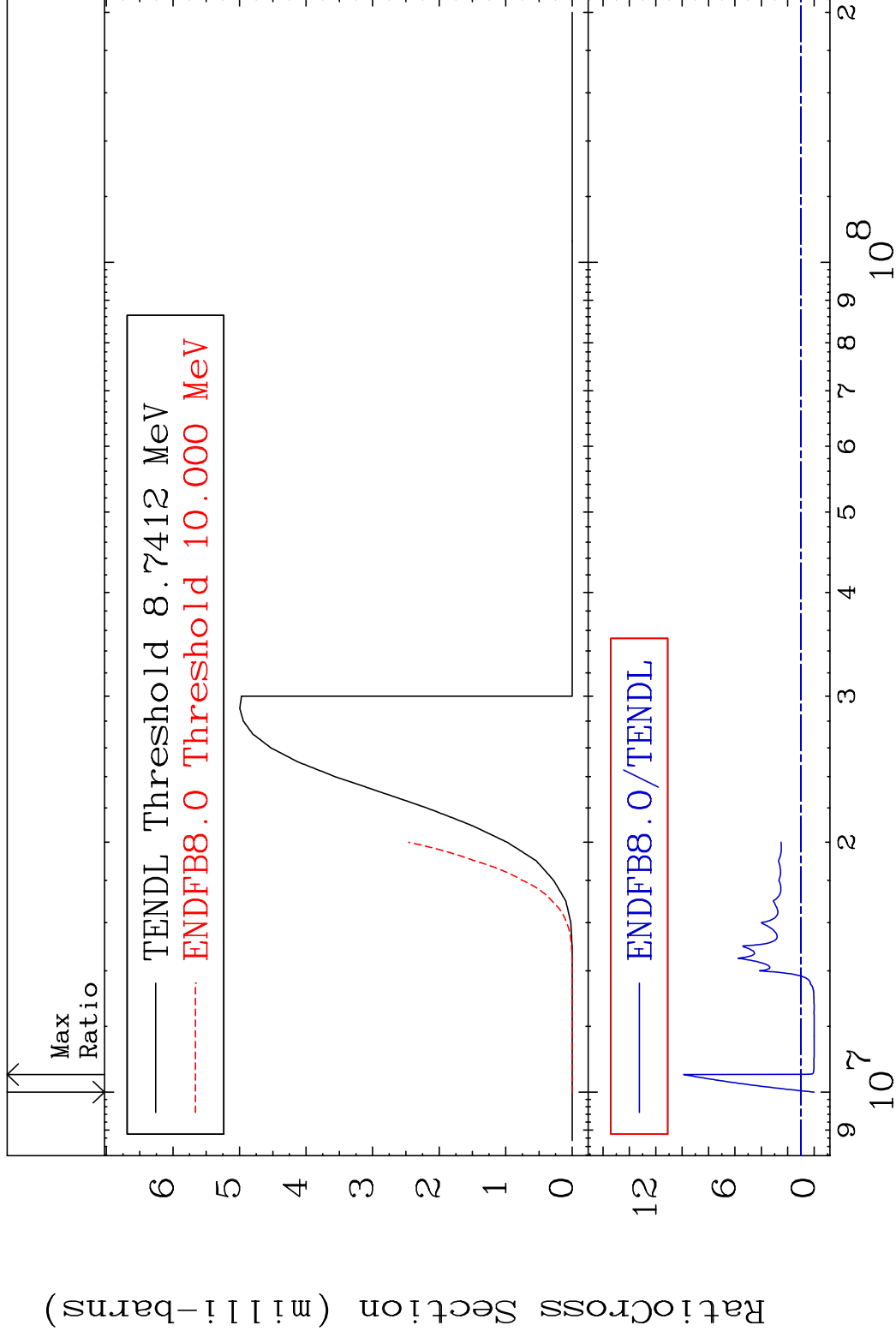


MAT 5637

(n, t)

56-Ba-134

Cross Section -100.0 To 888.7 %



25

Incident Energy (eV)

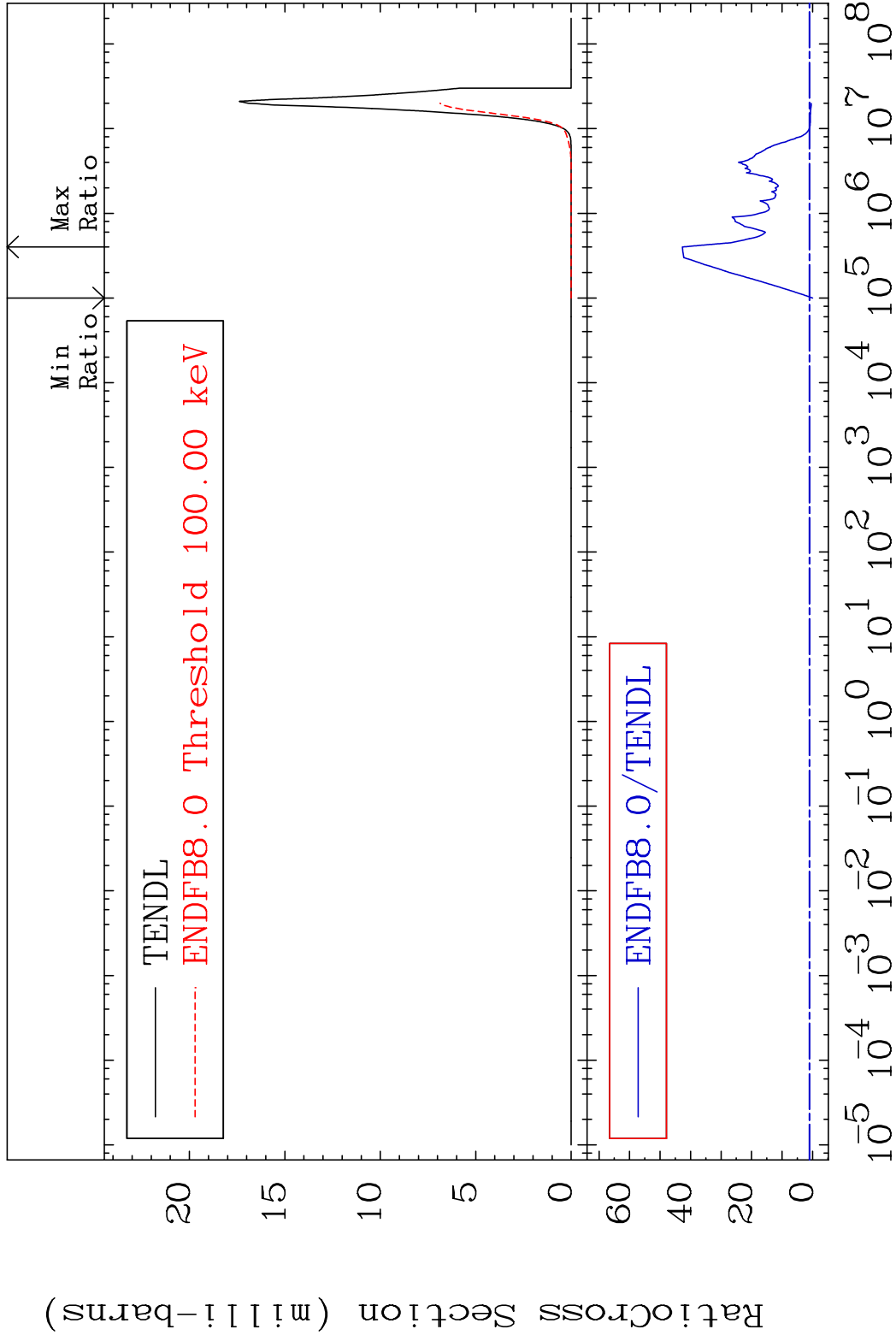
56-Ba-134

MAT 5637

(n, α)

56-Ba-134

Cross Section -100.0 To 4169. %

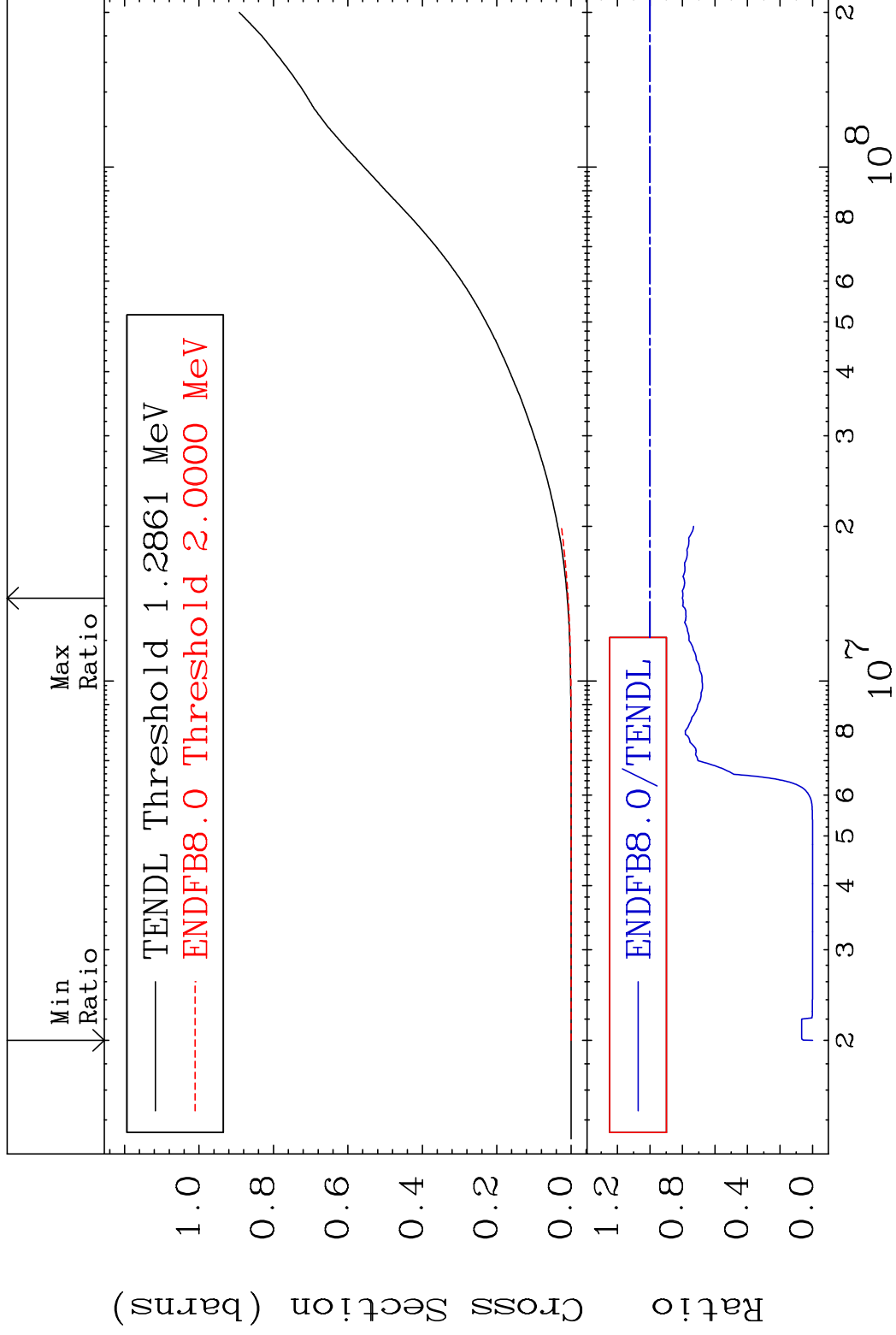


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Incident Energy (eV)

56-Ba-134

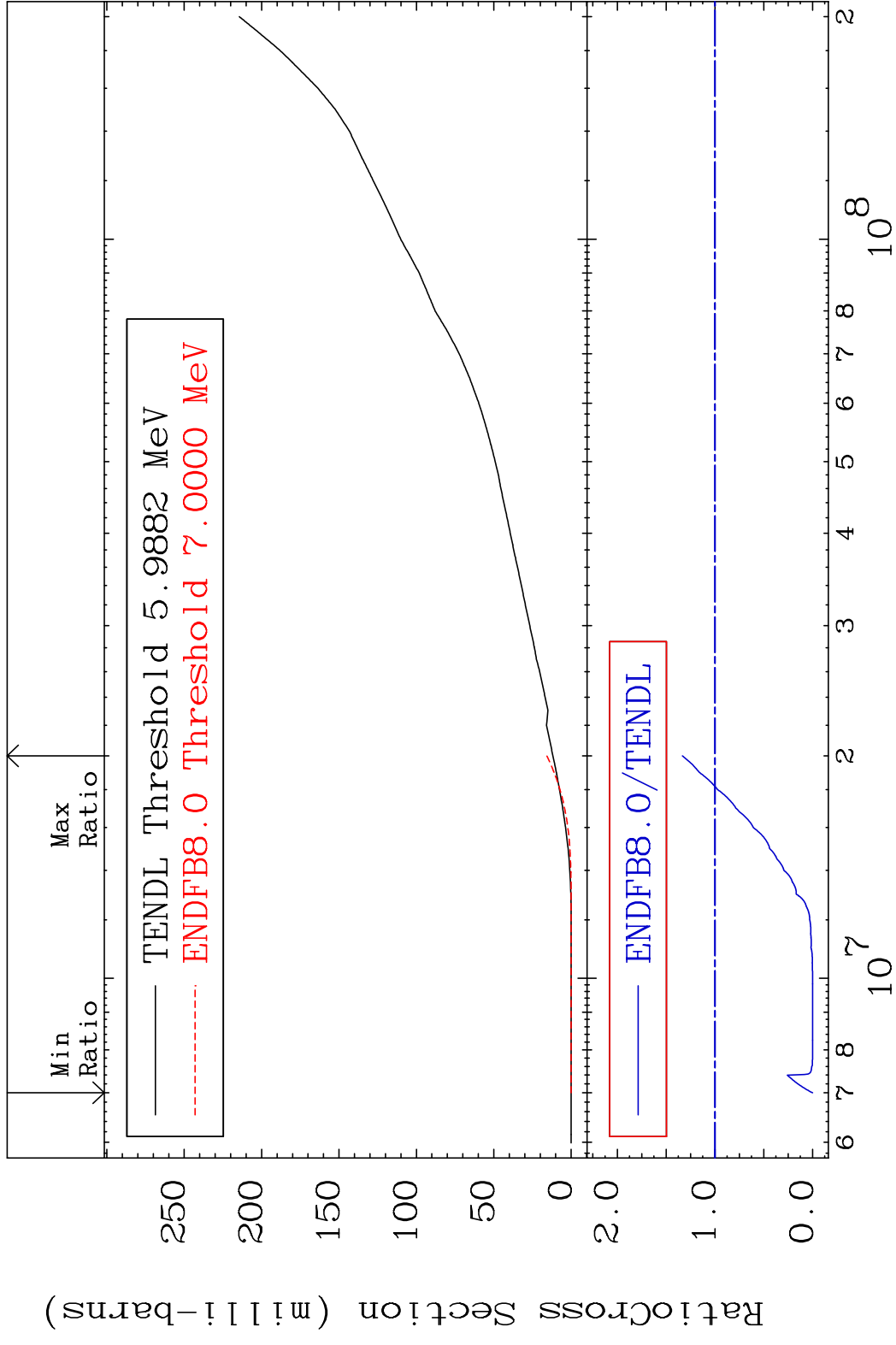
Cross Section -100.0 To -19.95%



MAT 5637

Deuterium Production 56-Ba-134

Cross Section -100.0 To 33.35 %

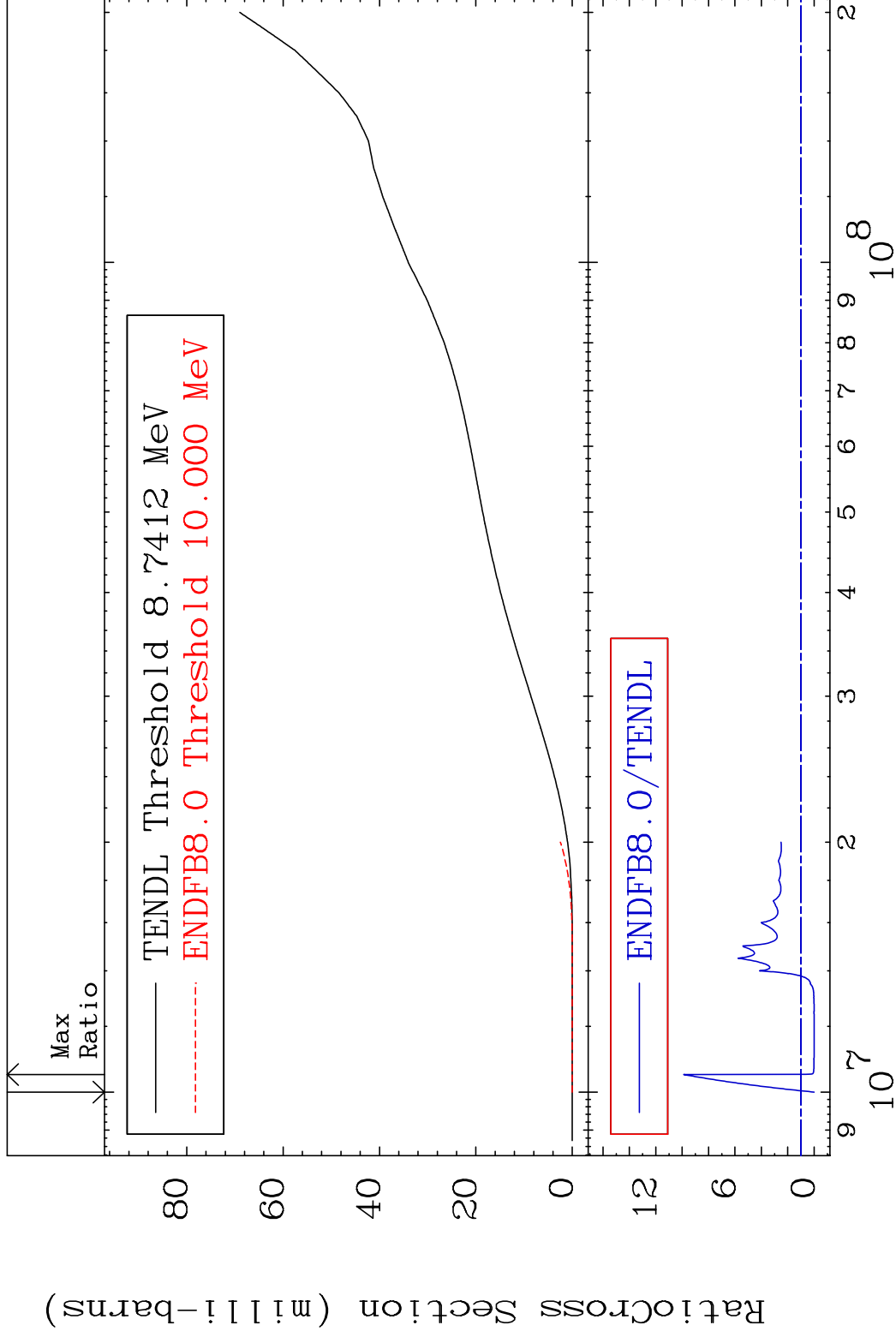


MAT 5637

Tritium Production

56-Ba-134

Cross Section -100.0 To 888.7 %



29

Incident Energy (eV)

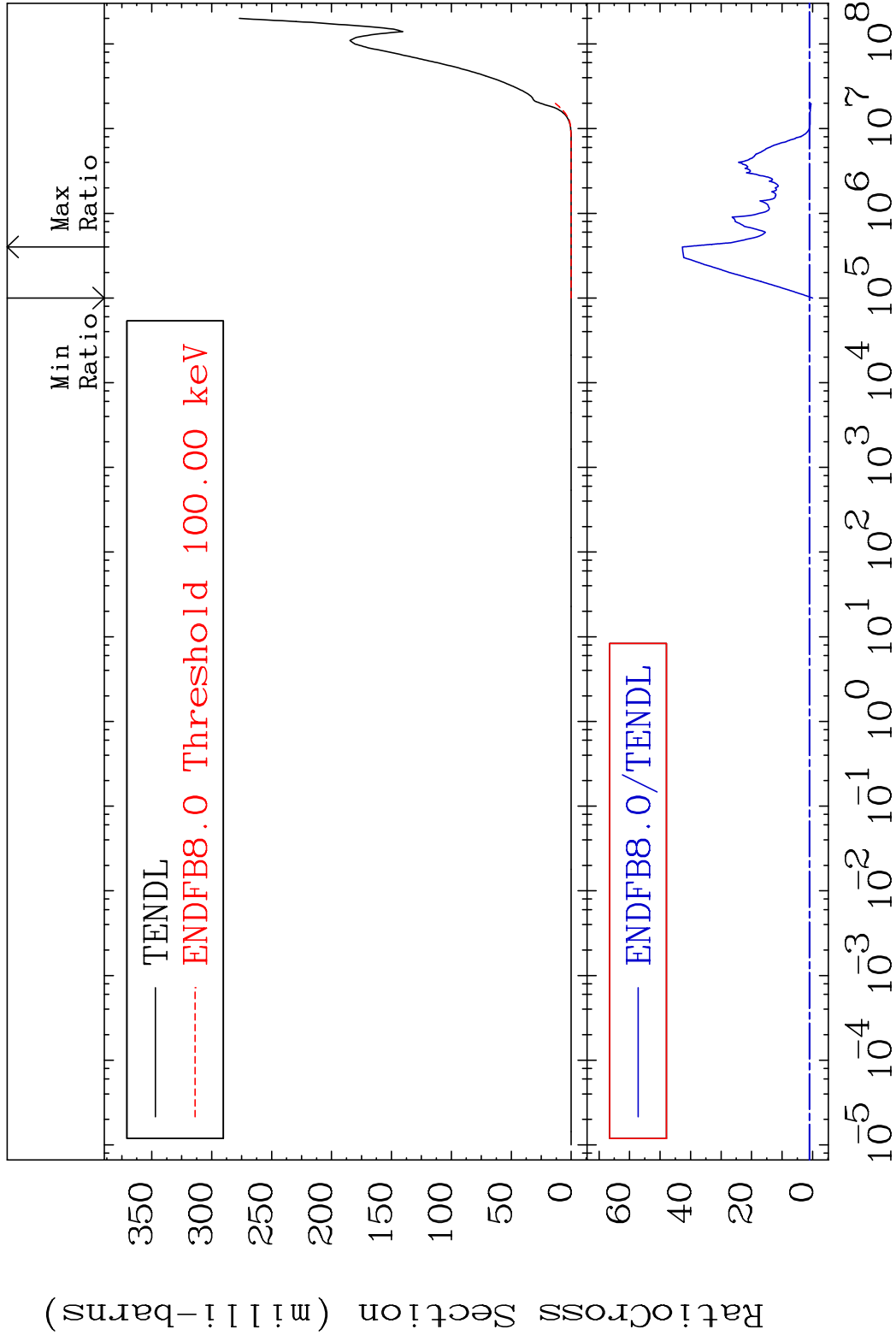
56-Ba-134

MAT 5637

He-4 Production

56-Ba-134

Cross Section -100.0 To 4169. %

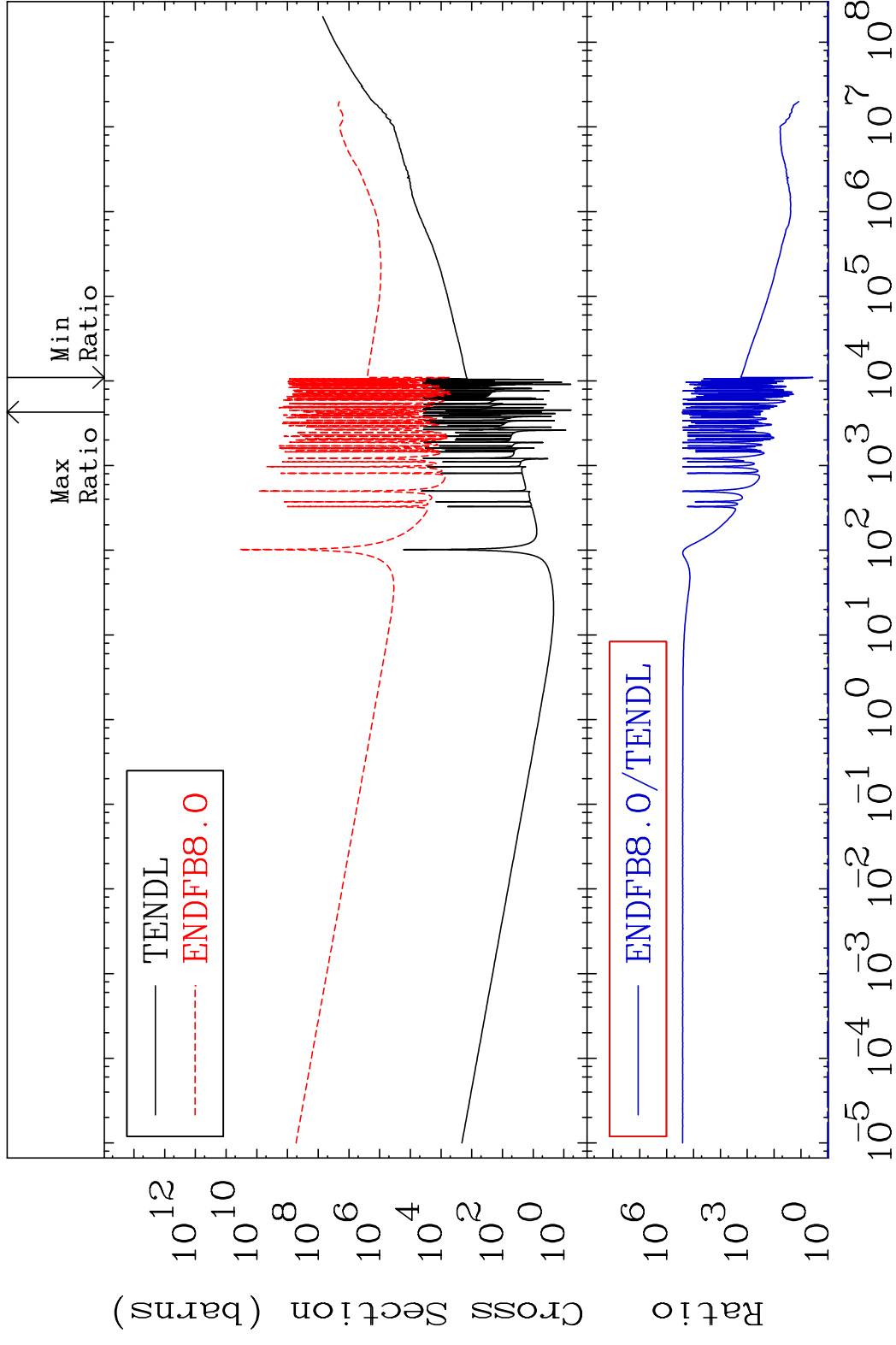


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Incident Energy (eV)

56-Ba-134

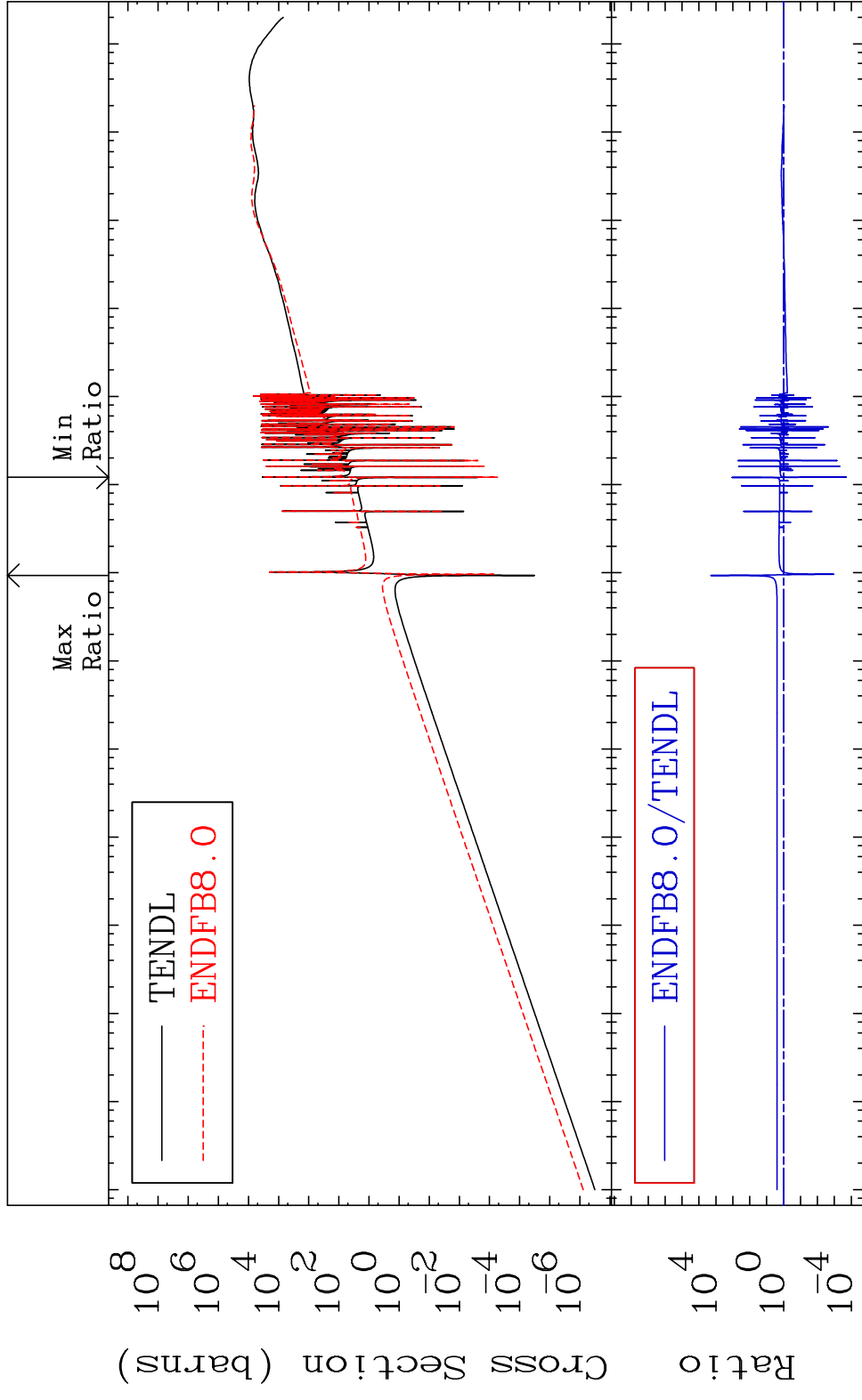
MAT 5637 Kerma total (eV-barns) 56-Ba-134
 Cross Section 271.4 To 9999. %



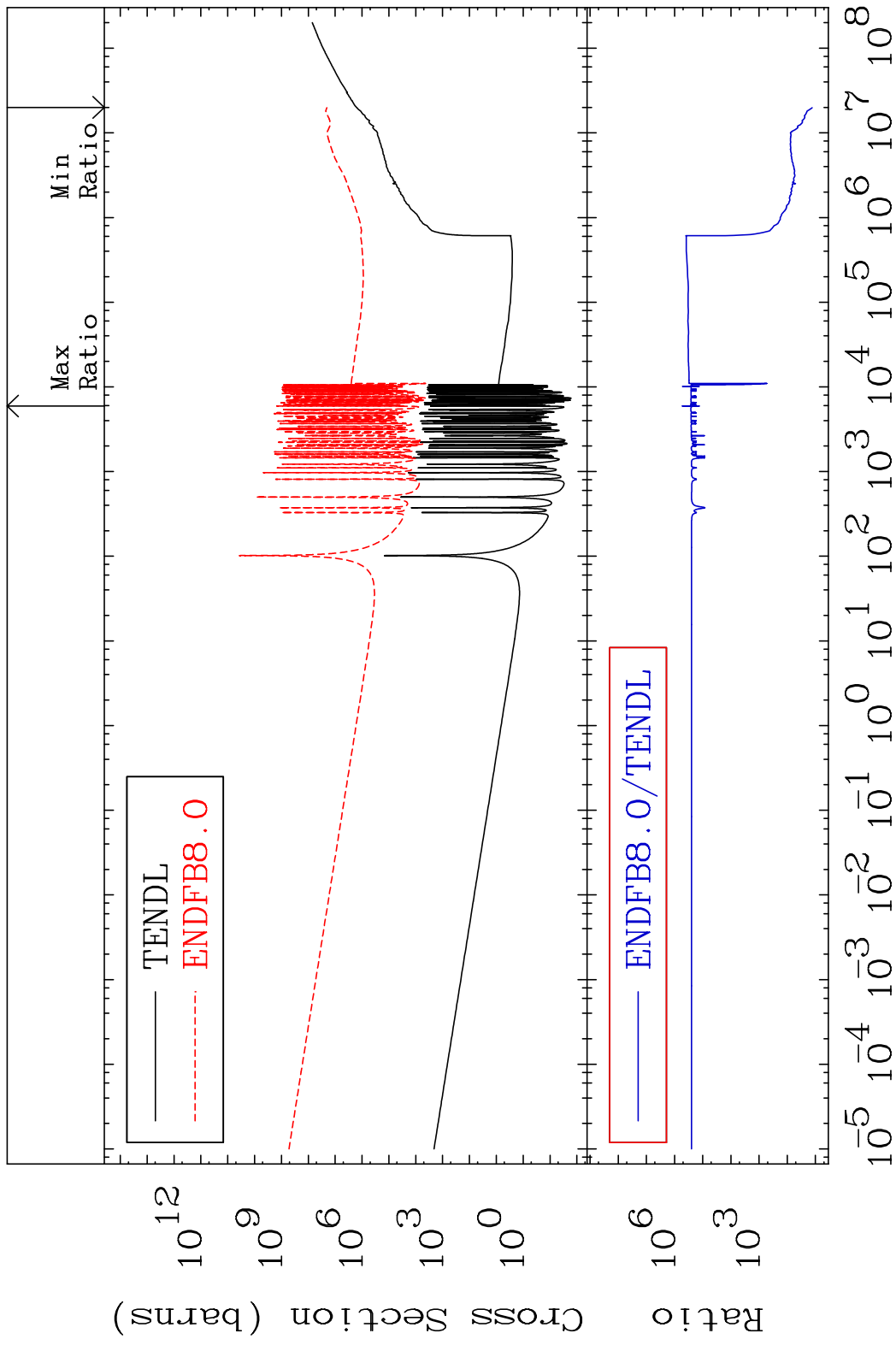
MAT 5637

Kerma elastic Cross Section -99.98 To 9999. %

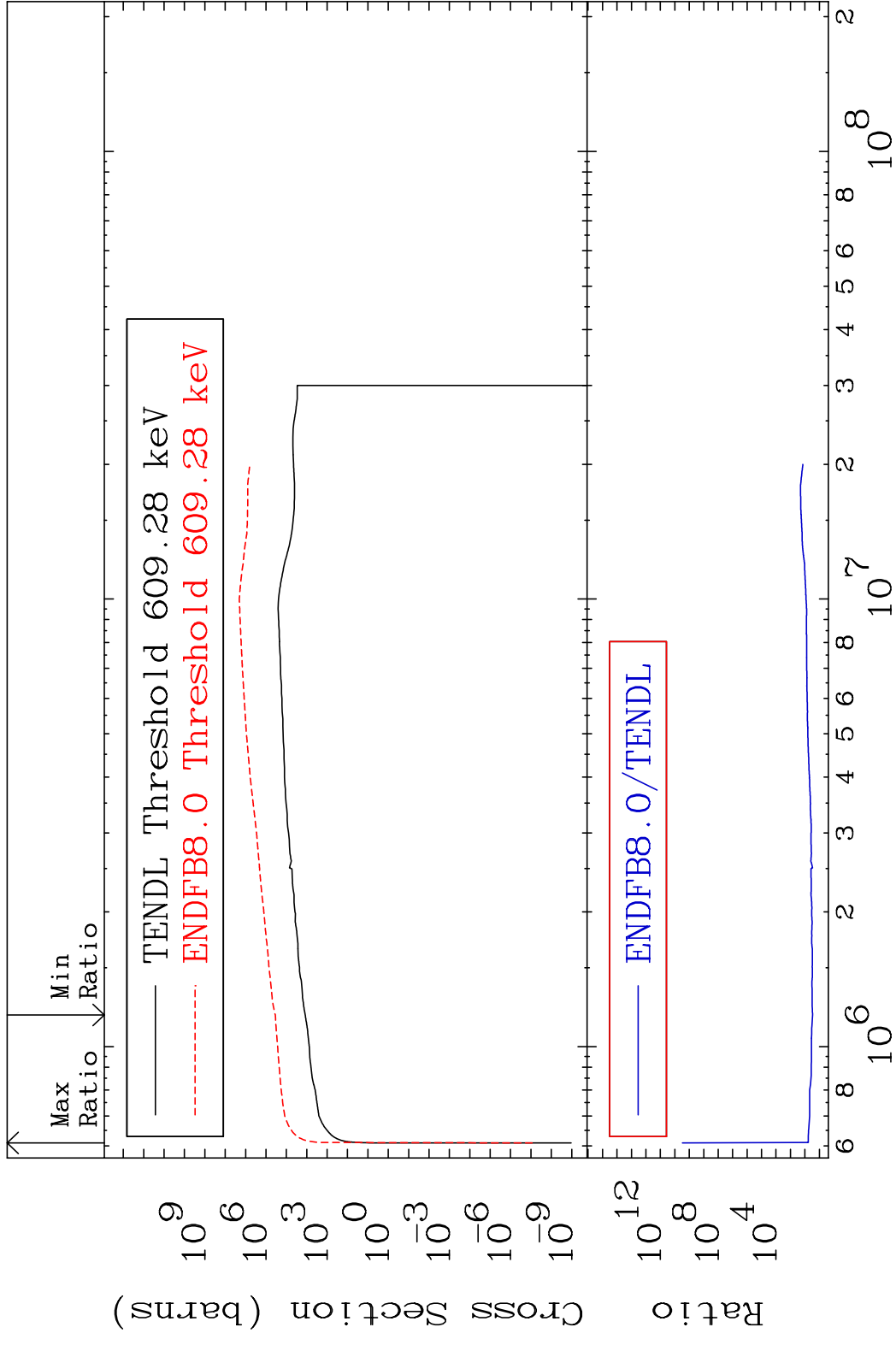
56-Ba-134



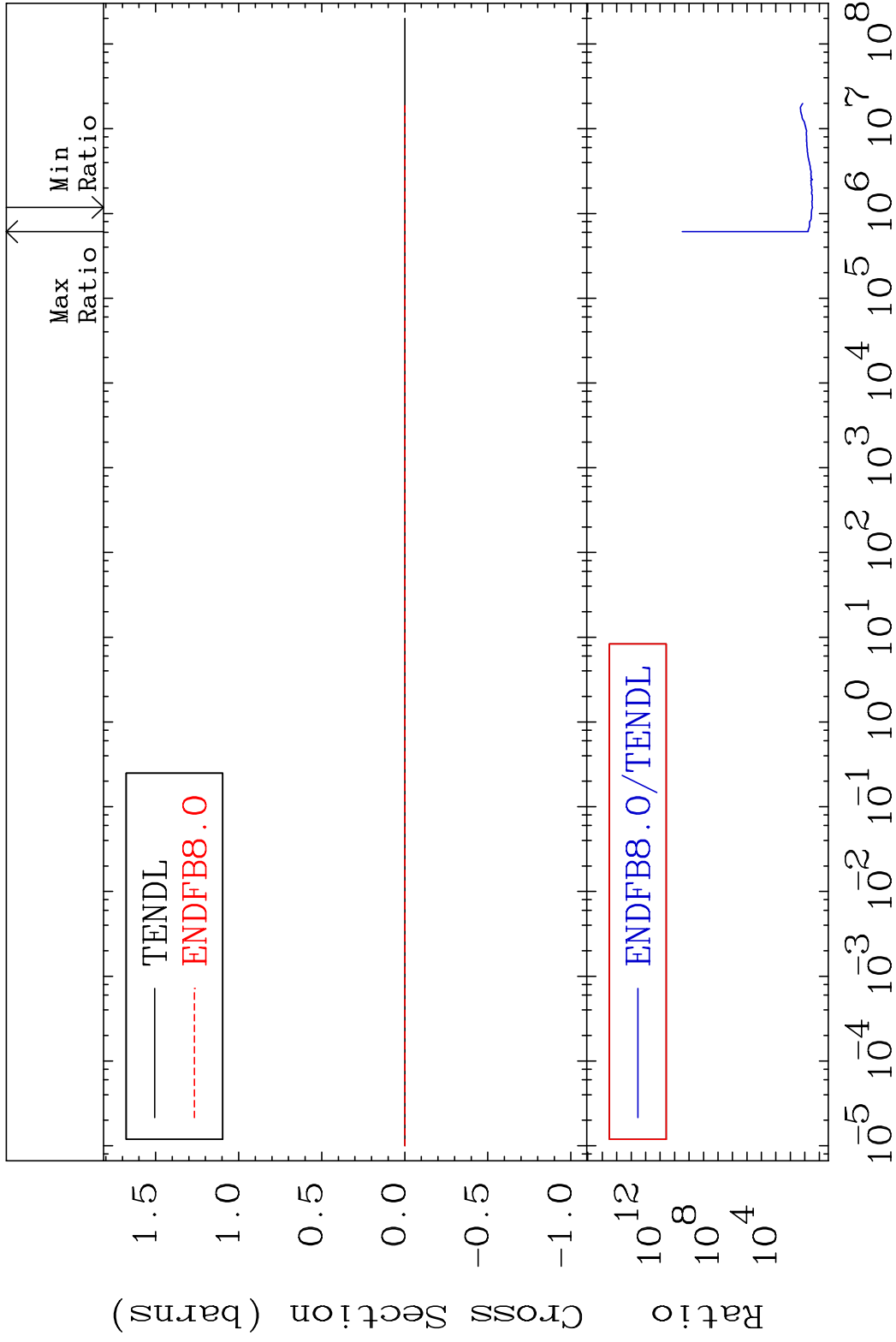
MAT 5637 Kerma non-elastic (all but mt2) 56-Ba-134
 Cross Section 1167. To 9999. %



MAT 5637 Kerma inelastic (mt51-91) 56-Ba-134
 Cross Section 2855. To 9999. %

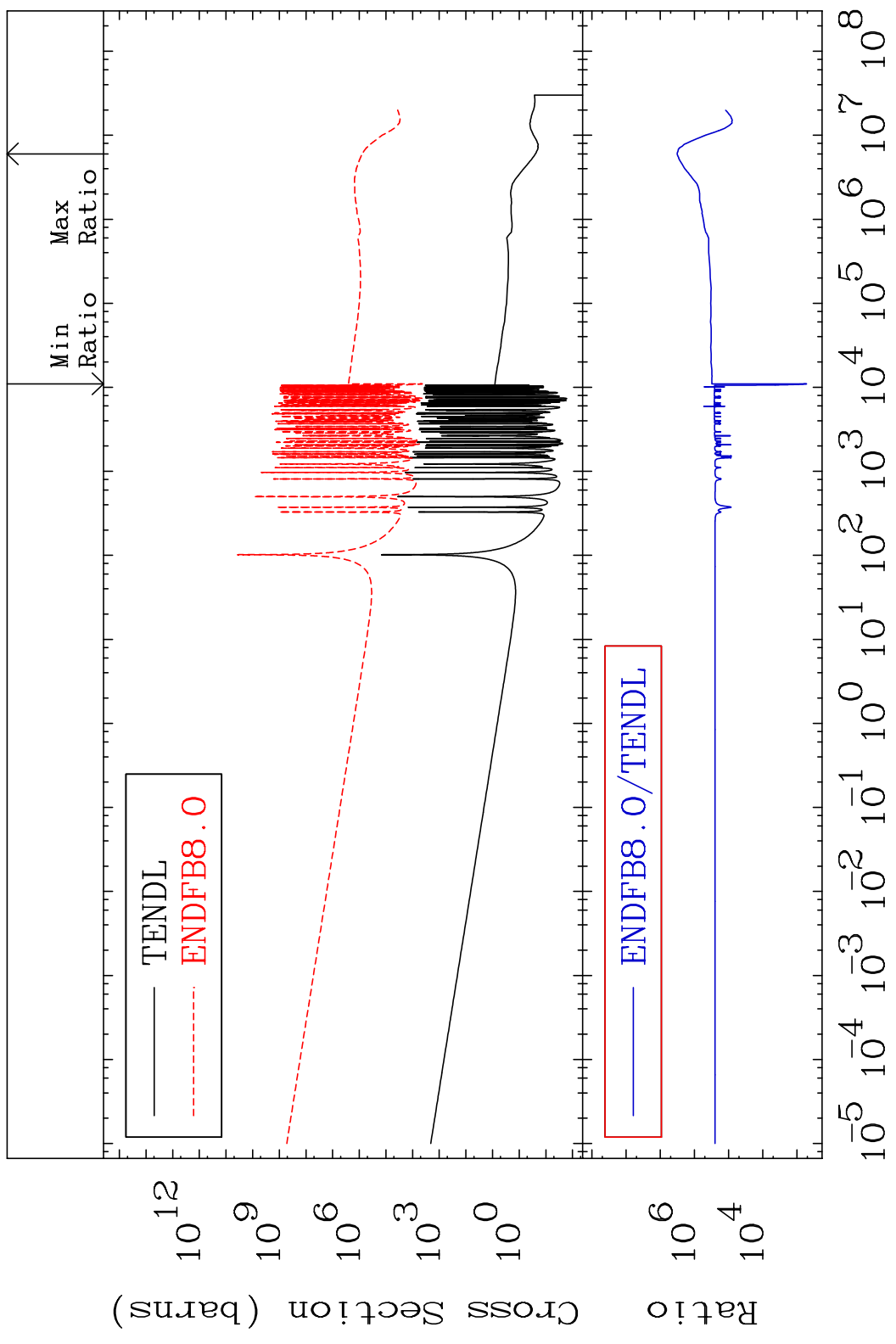


MAT 5637 Kerma fission (mt18 or mt19-20-21-38) 56-Ba-134
 Cross Section 2855. To 9999. %

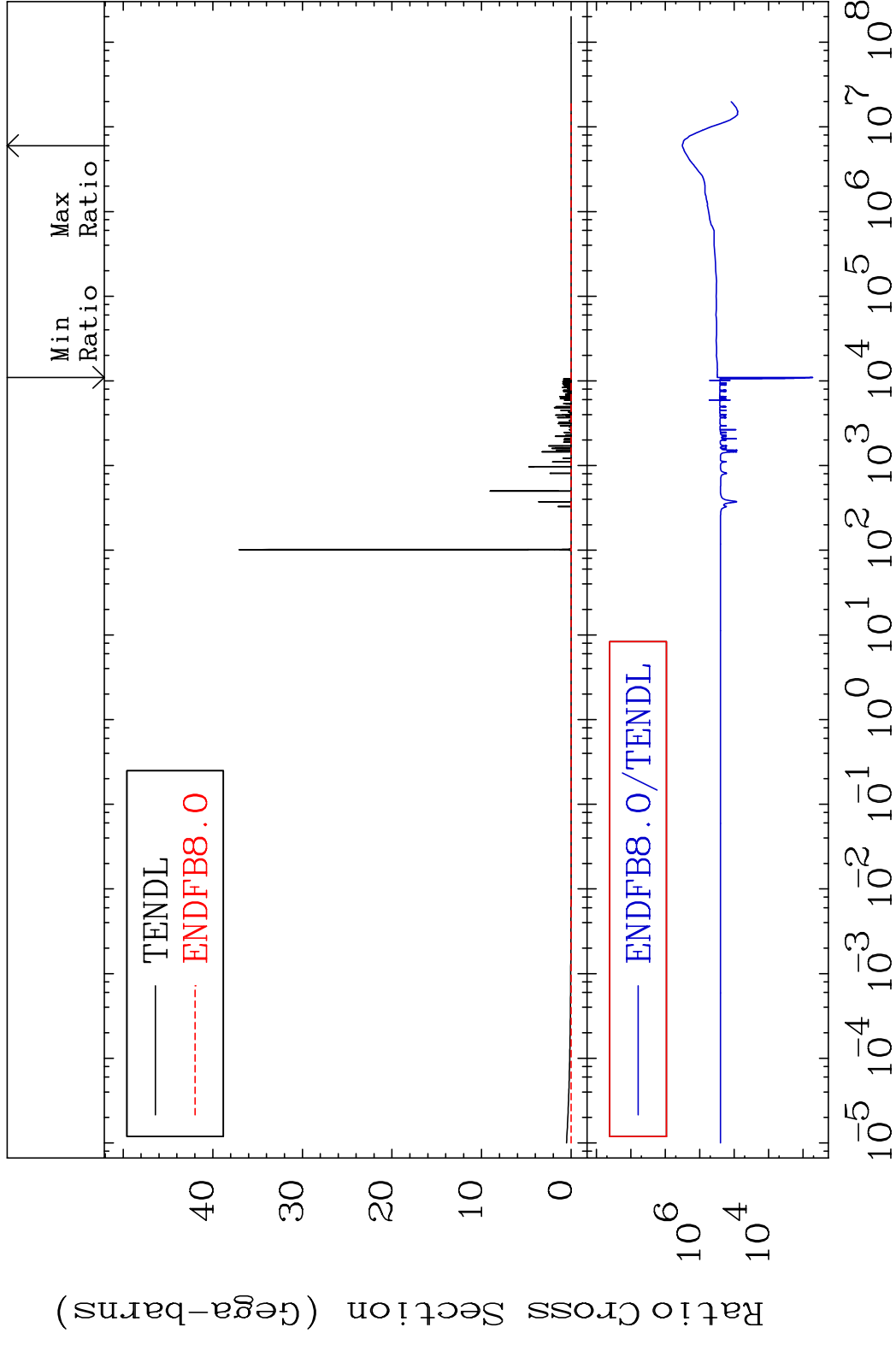


MAT 5637

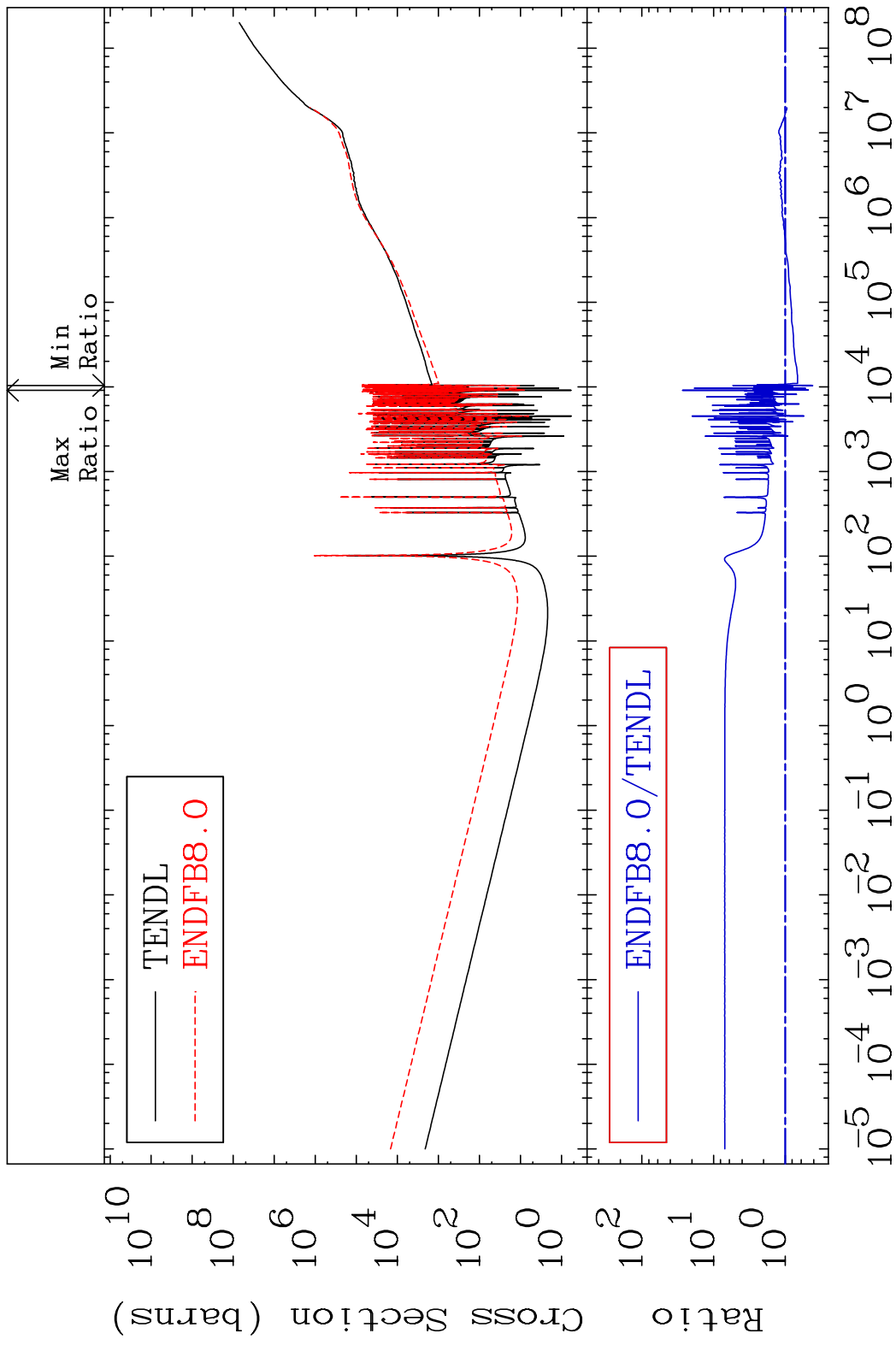
Kerma capture (mt102) 56-Ba-134
Cross Section 9999. To 9999. %



MAT 5637 Total photon (eV-barns) 56-Ba-134
 Cross Section 9999. To 9999. %



MAT 5637 Total kinematic kerma (high limit) 56-Ba-134
 Cross Section -58.45 To 2622. %



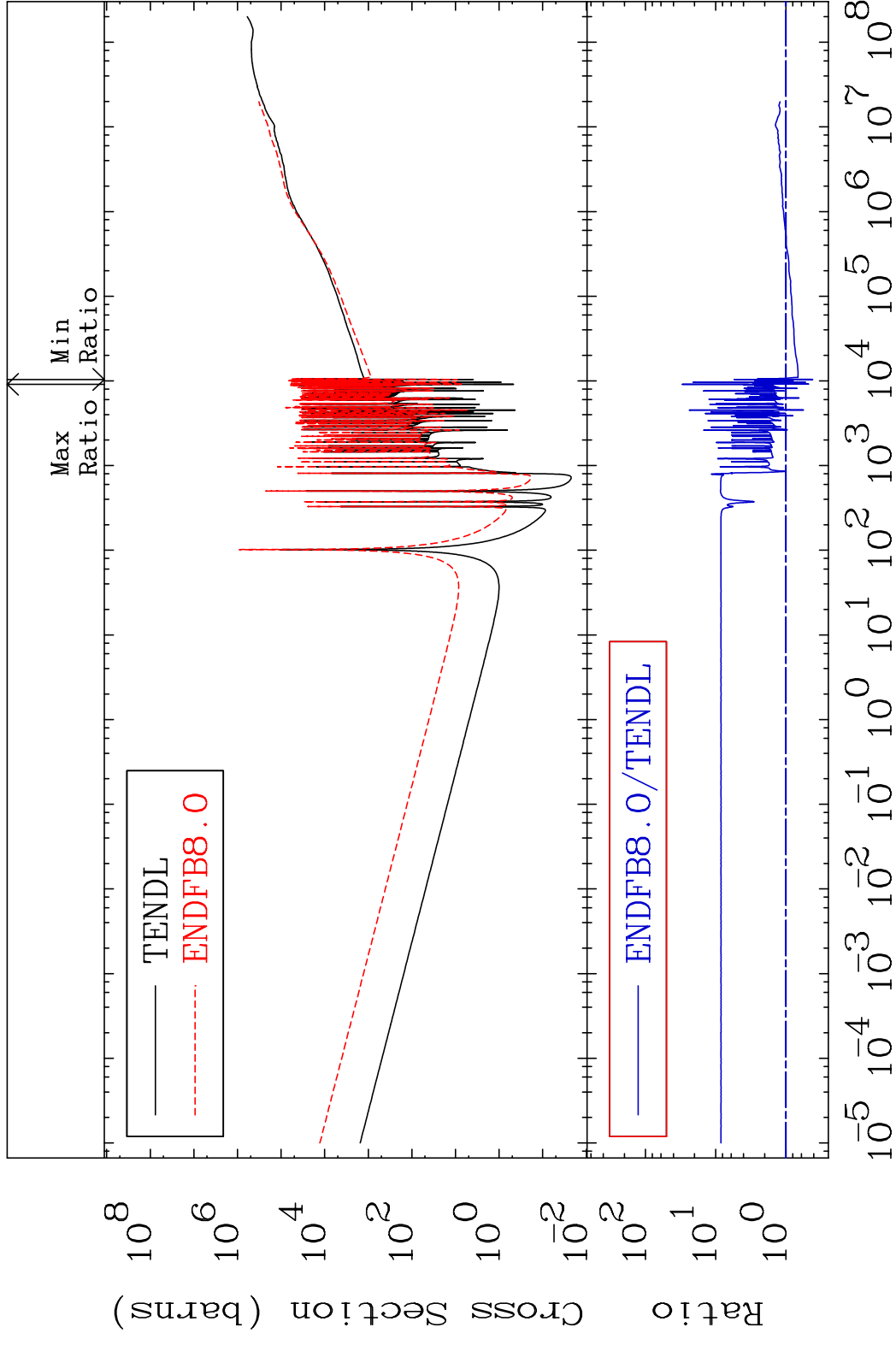
MAT 5637

Dpa total (eV-barns)

56-Ba-134

Cross Section

-58.34 To 2884. %



39

Incident Energy (eV)

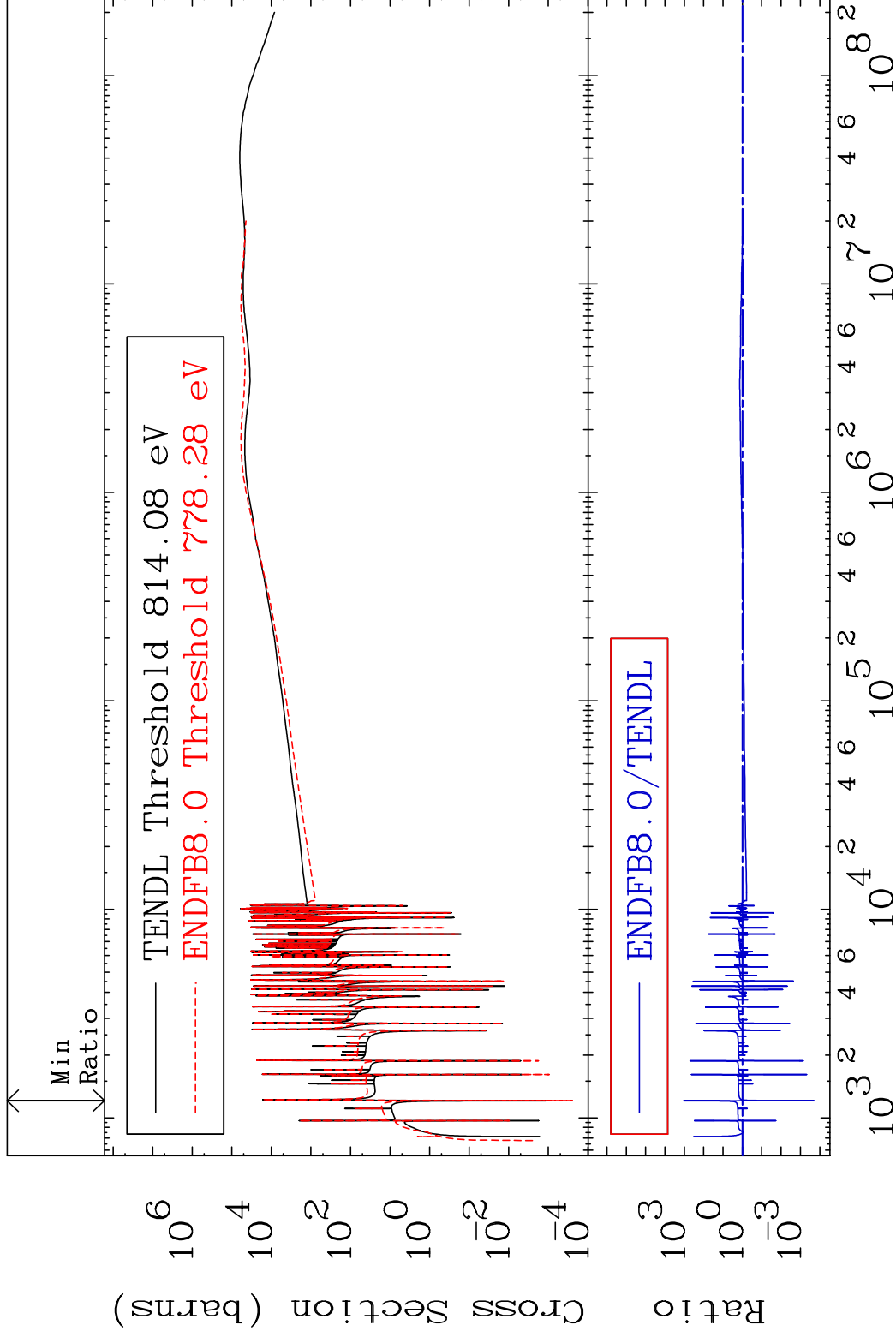
56-Ba-134

MAT 5637

Dpa elastic (mt2)

56-Ba-134

Cross Section -99.98 To 9999. %

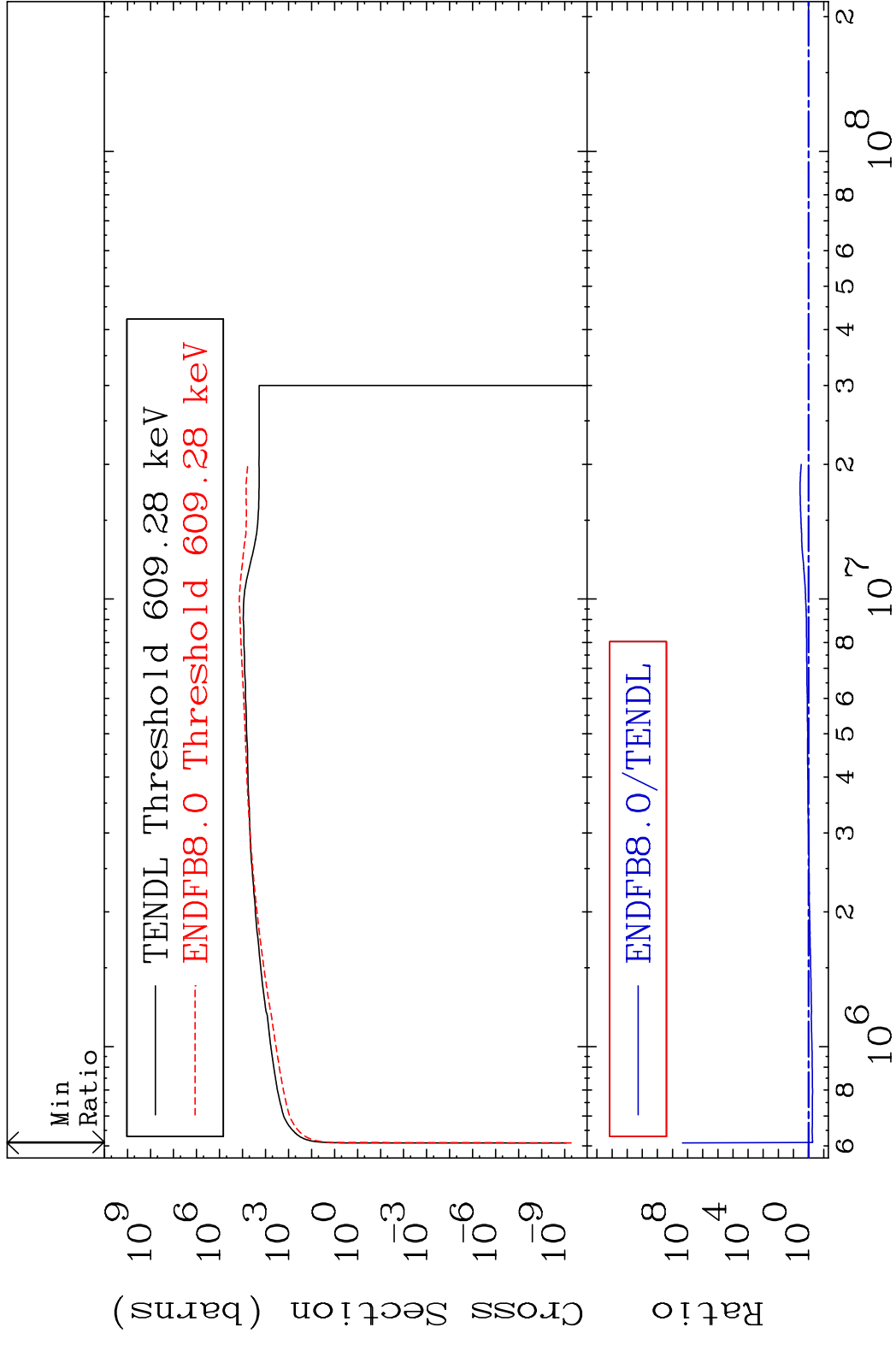


40

Incident Energy (eV)

56-Ba-134

MAT 5637 Dpa inelastic (mt51-91) 56-Ba-134
 Cross Section -45.48 To 9999. %



MAT 5637 Dpa disappearance (mt102 -120) 56-Ba-134
 Cross Section -97.47 To 9999. %

