

Program Complot
(Version 2021-1)

by

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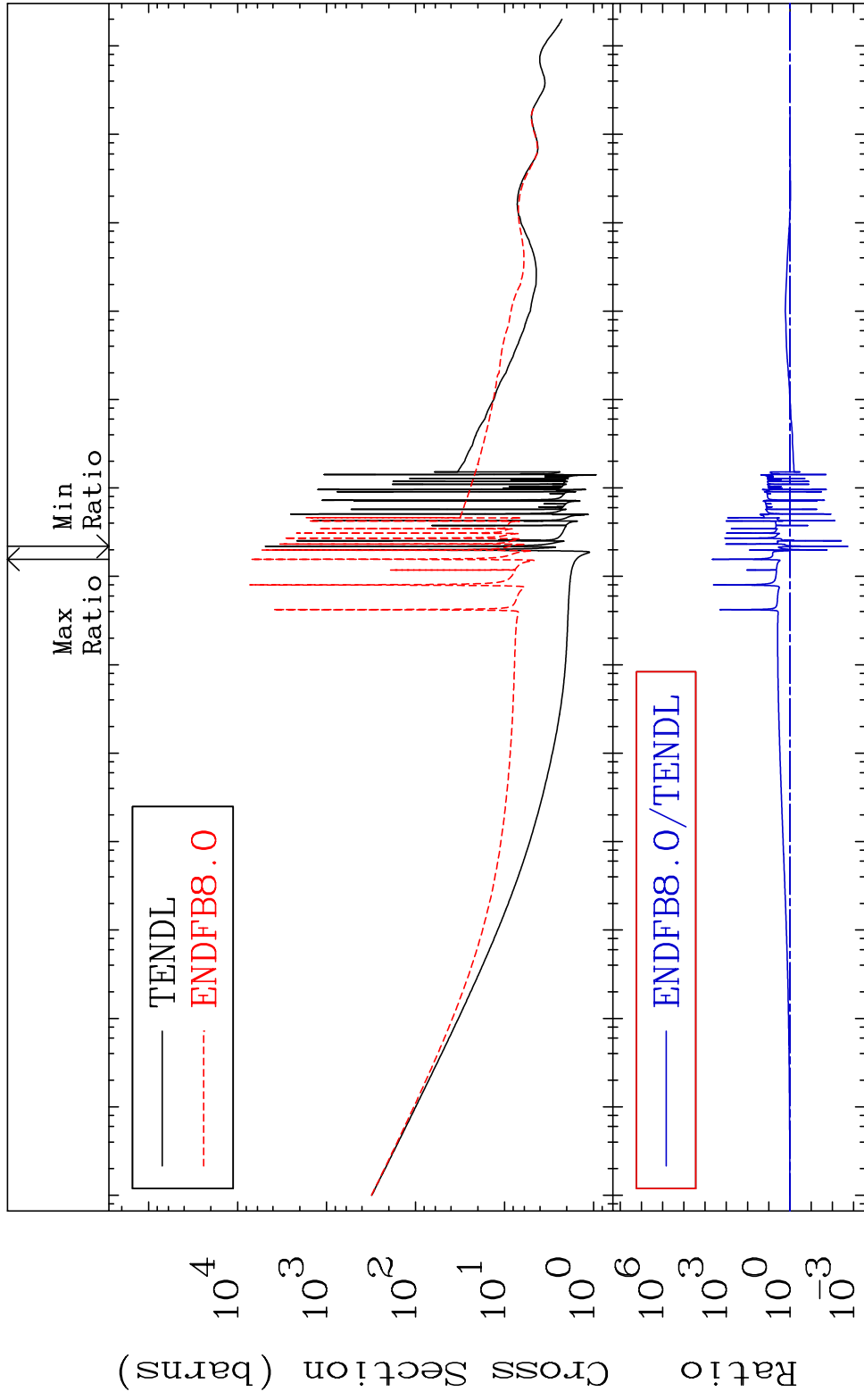
Press Mouse Button to Start

MAT 5846

Total

58-Ce-143

Cross Section -99.82 To 9999. %

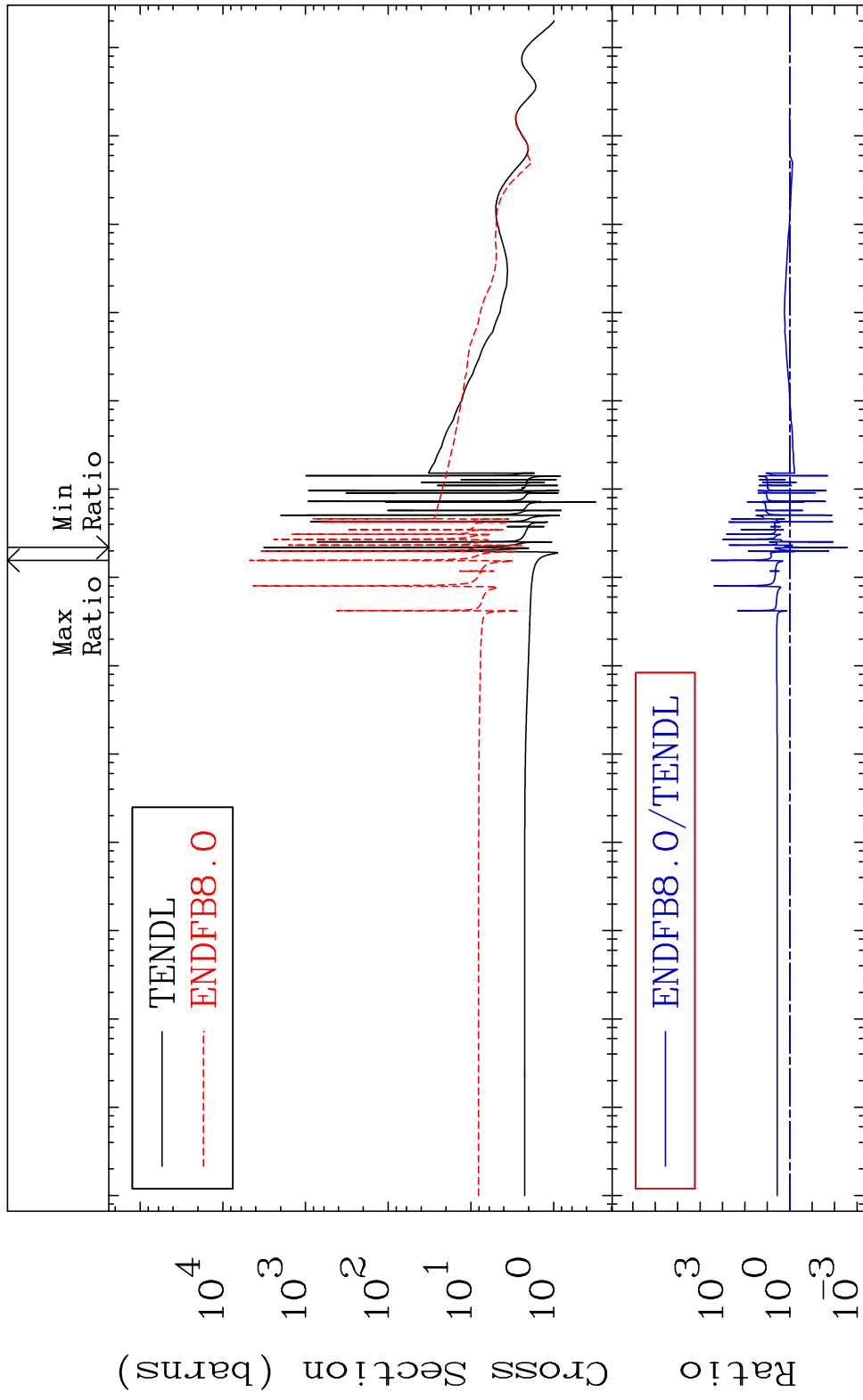


MAT 5846

Elastic

58-Ce-143

Cross Section -99.73 To 9999. %

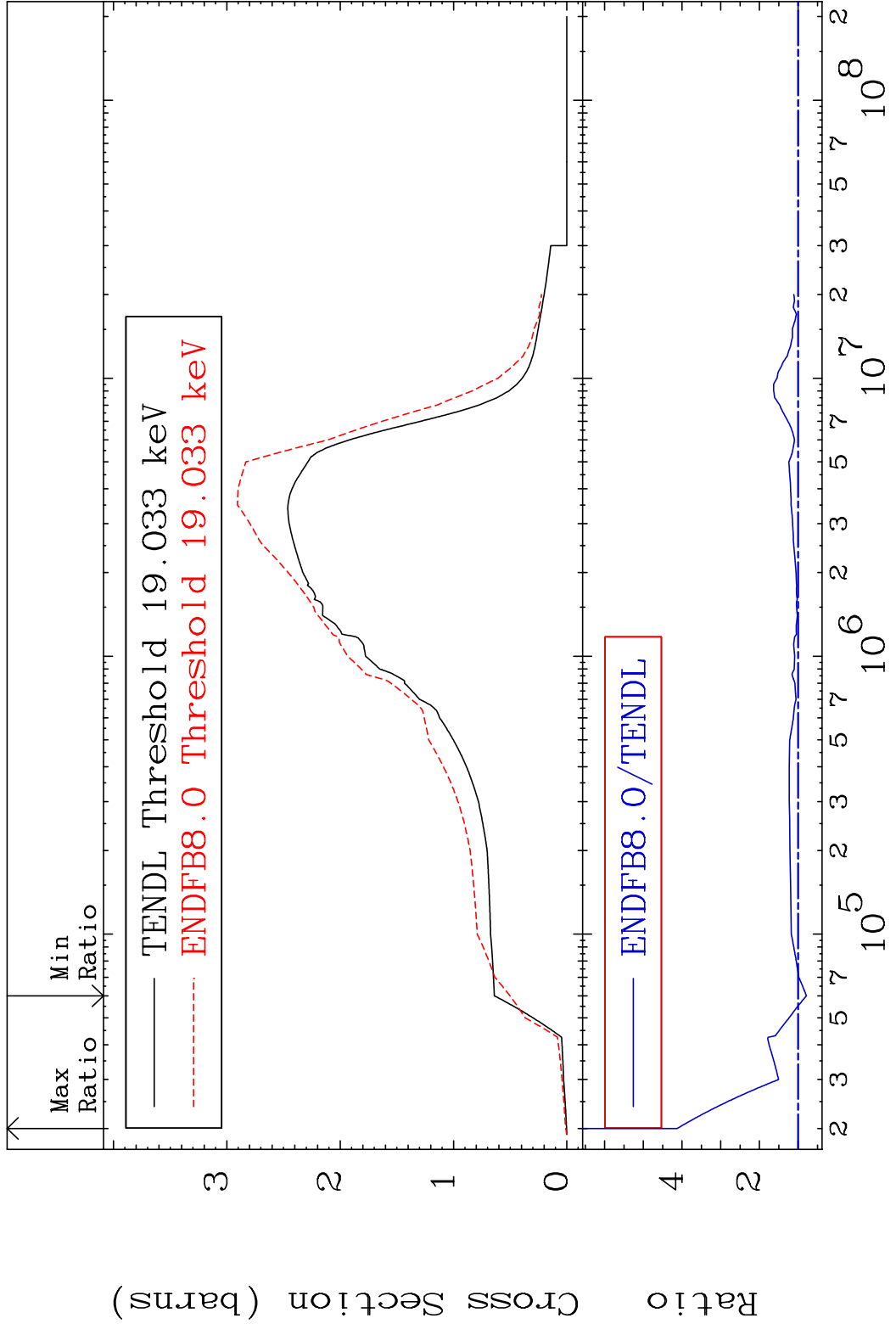


2

Incident Energy (eV)

58-Ce-143

MAT 5846 Inelastic 58-Ce-143
 Cross Section -21.38 To 312.4 %



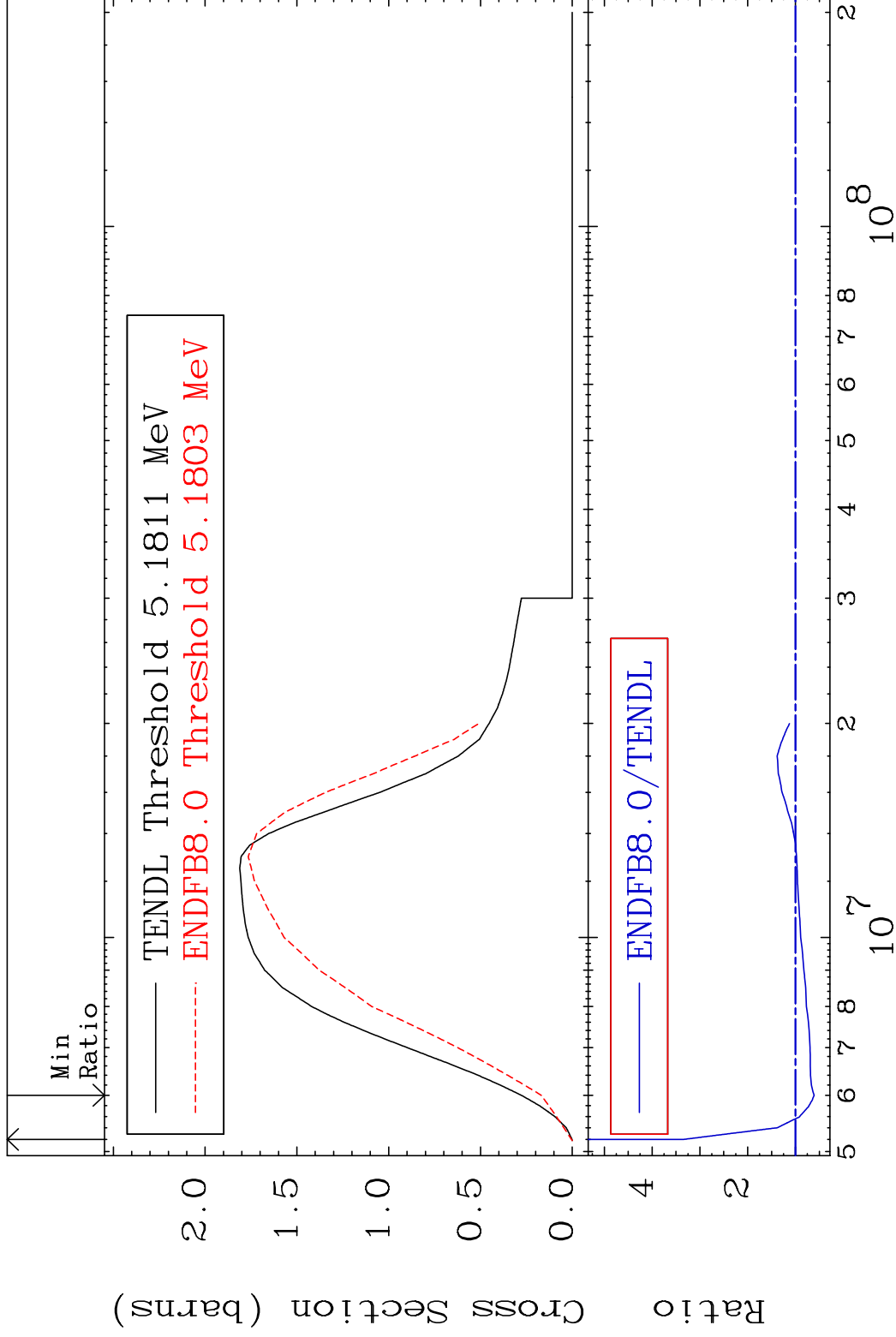
3 Incident Energy (eV) 58-Ce-143

MAT 5846

(n,2n)

58-Ce-143

Cross Section -39.05 To 233.9 %



4

Incident Energy (eV)

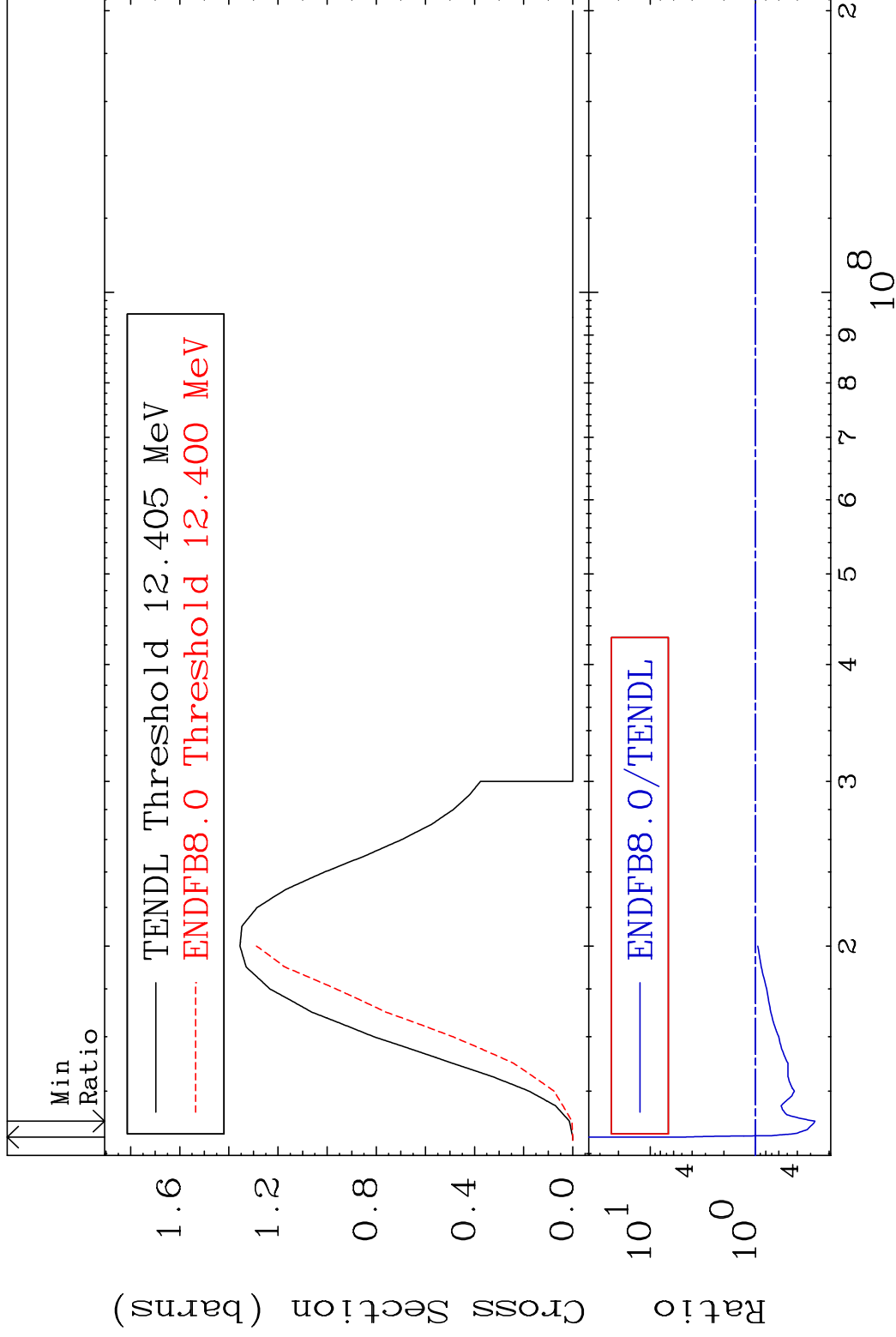
58-Ce-143

MAT 5846

(n,3n)

58-Ce-143

Cross Section -72.71 To 374.6 %



5

Incident Energy (eV)

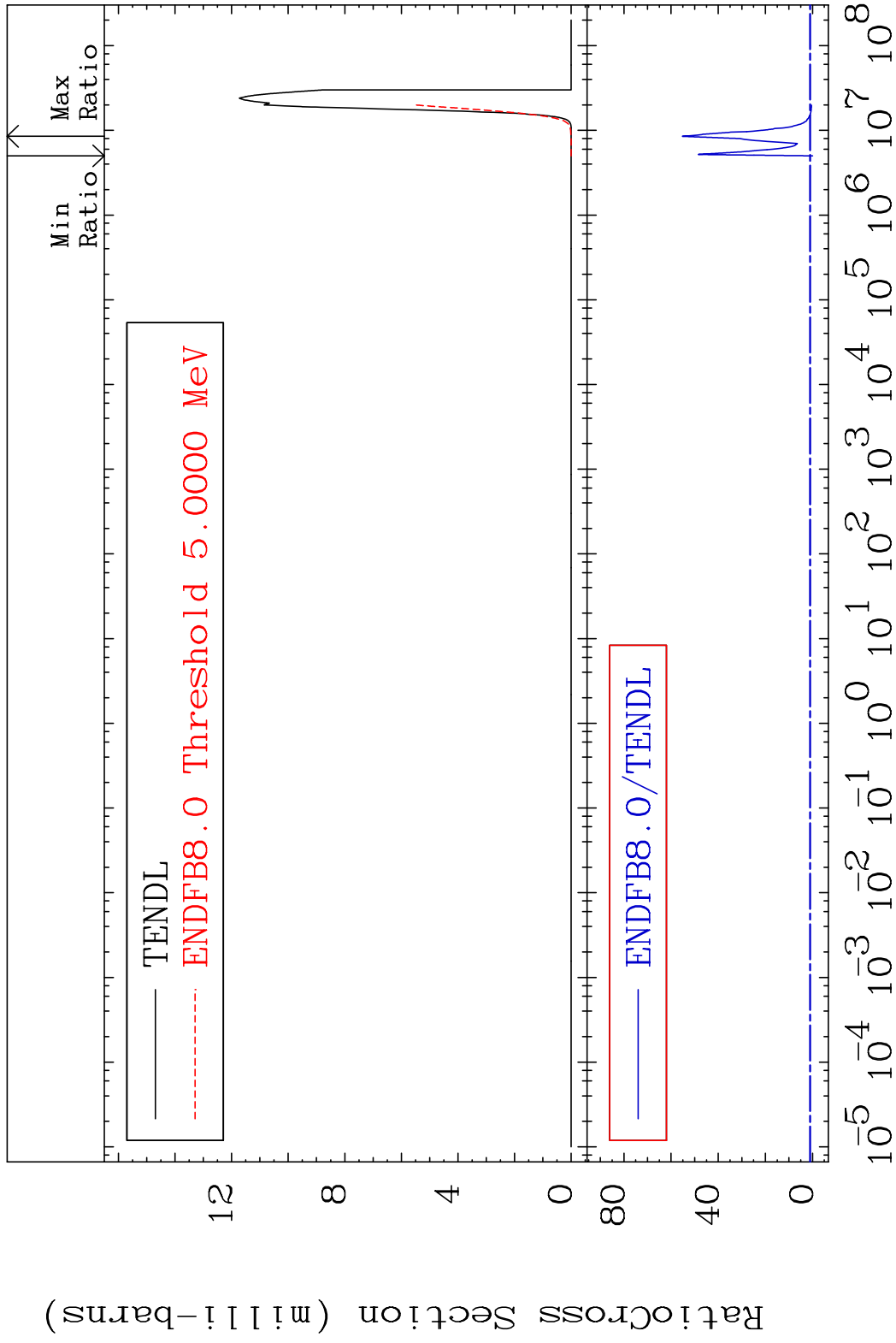
58-Ce-143

MAT 5846

(n, n') α

58-Ce-143

Cross Section -100.0 To 5422. %



6

Incident Energy (eV)

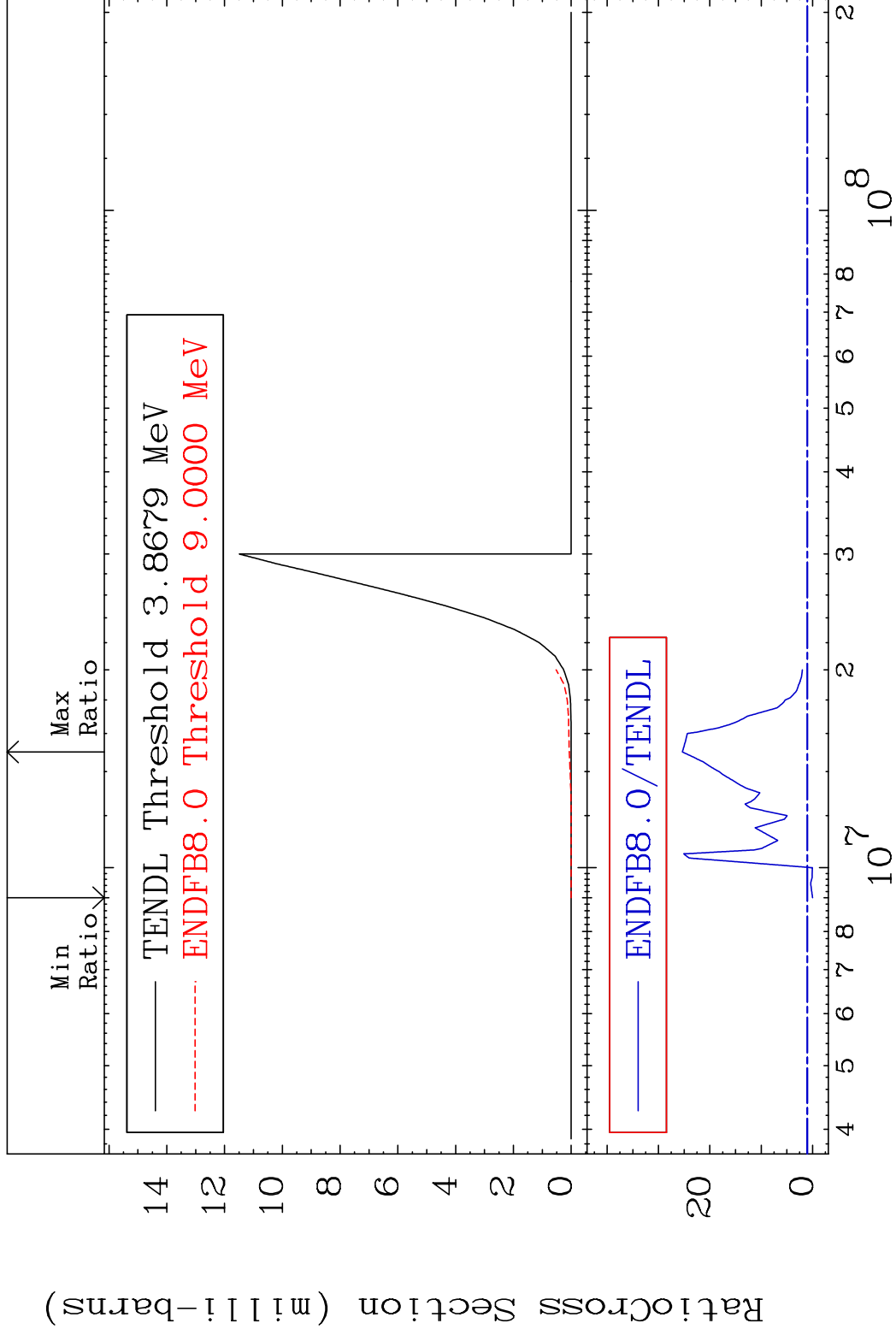
58-Ce-143

MAT 5846

(n,2n) α

58-Ce-143

Cross Section -100.0 To 2435. %



7

Incident Energy (eV)

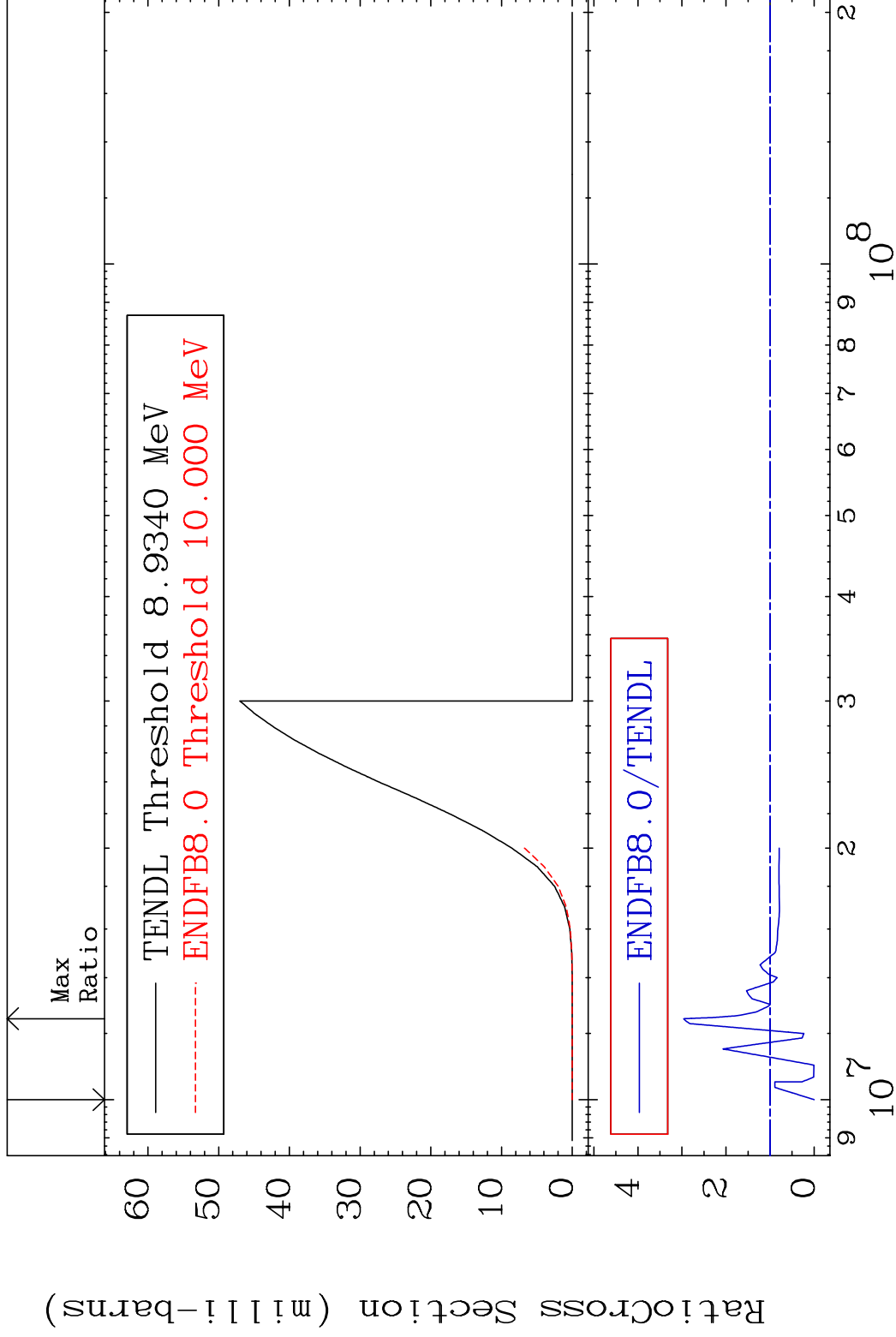
58-Ce-143

MAT 5846

(n, n') p

58-Ce-143

Cross Section -100.0 To 196.1 %



8

Incident Energy (eV)

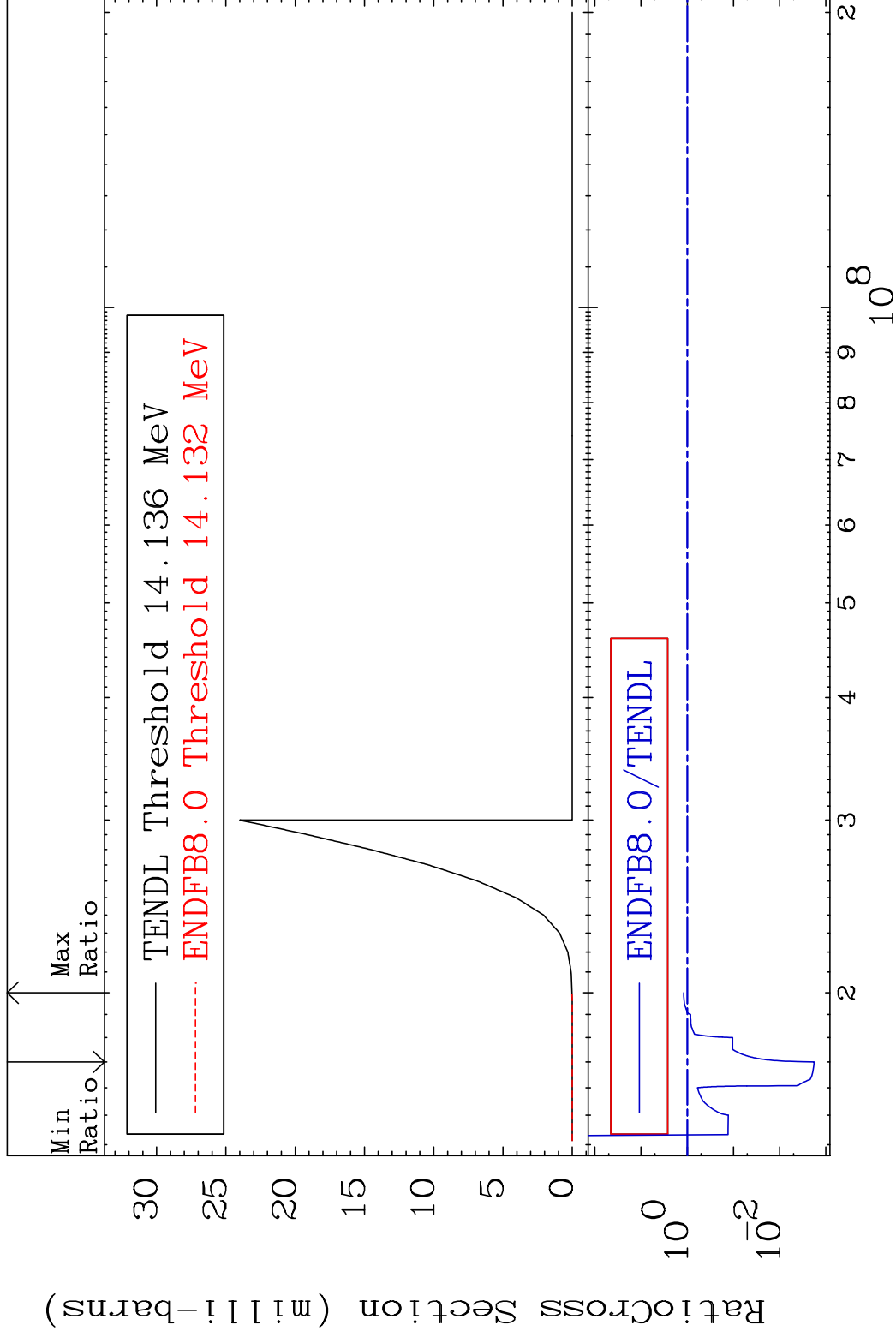
58-Ce-143

MAT 5846

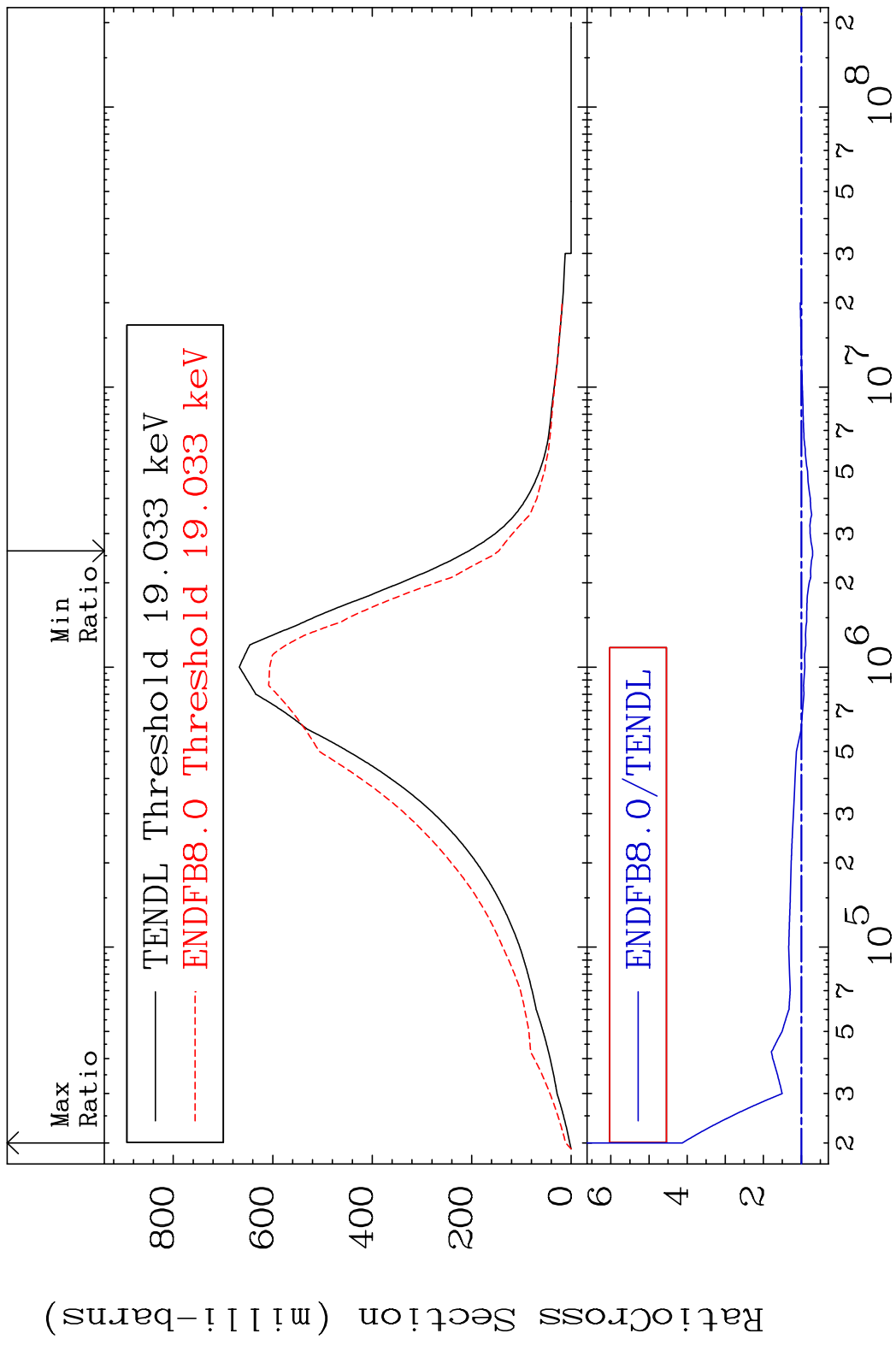
(n,2n) p

58-Ce-143

Cross Section -99.82 To 19.58 %

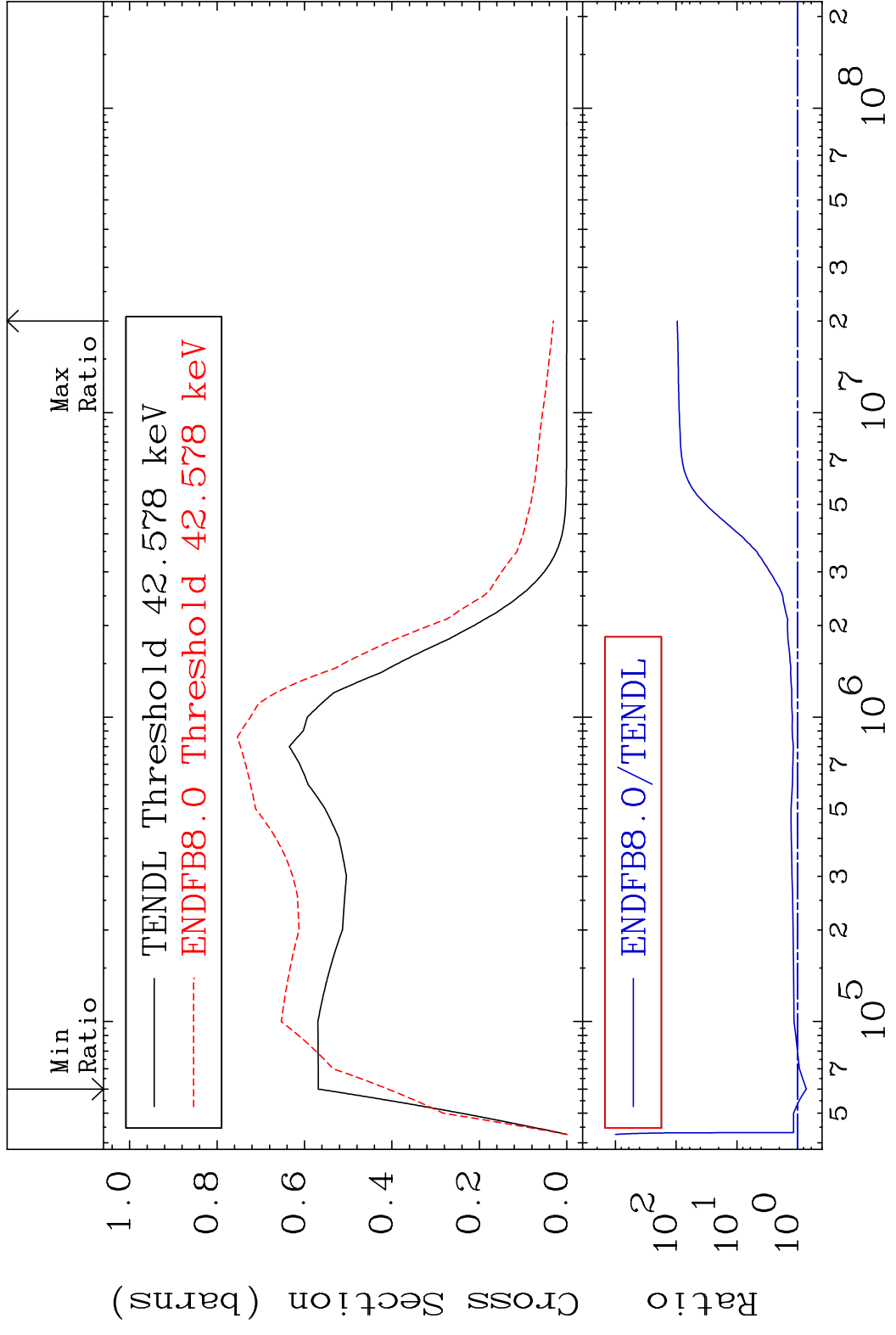


MAT 5846 MT= 51 (n, n') Level 58-Ce-143
 Cross Section -29.22 To 312.4 %

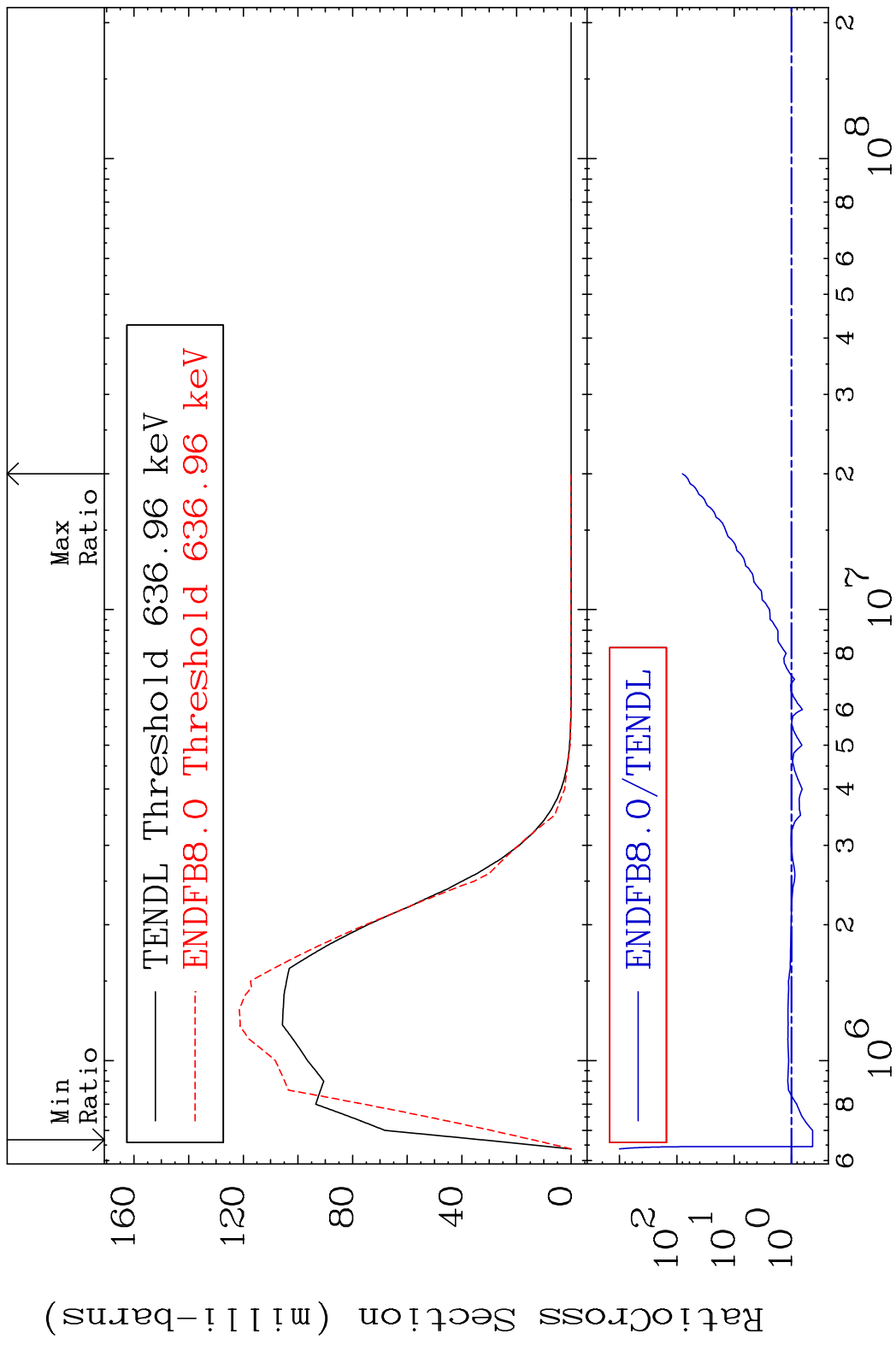


10 Incident Energy (eV) 58-Ce-143

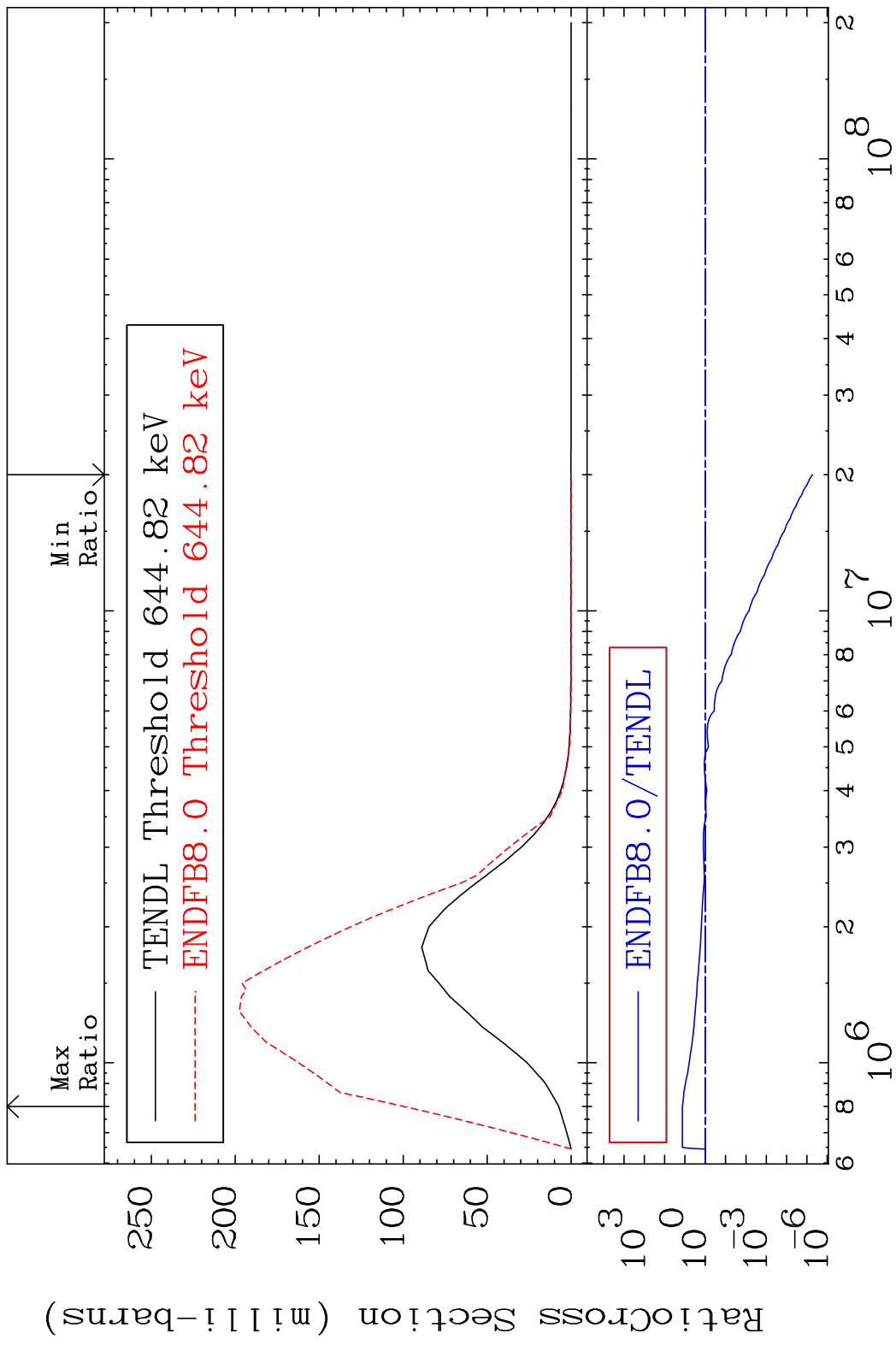
MAT 5846 MT= 52 (n,n') Level 58-Ce-143
 Cross Section -28.07 To 9504. %



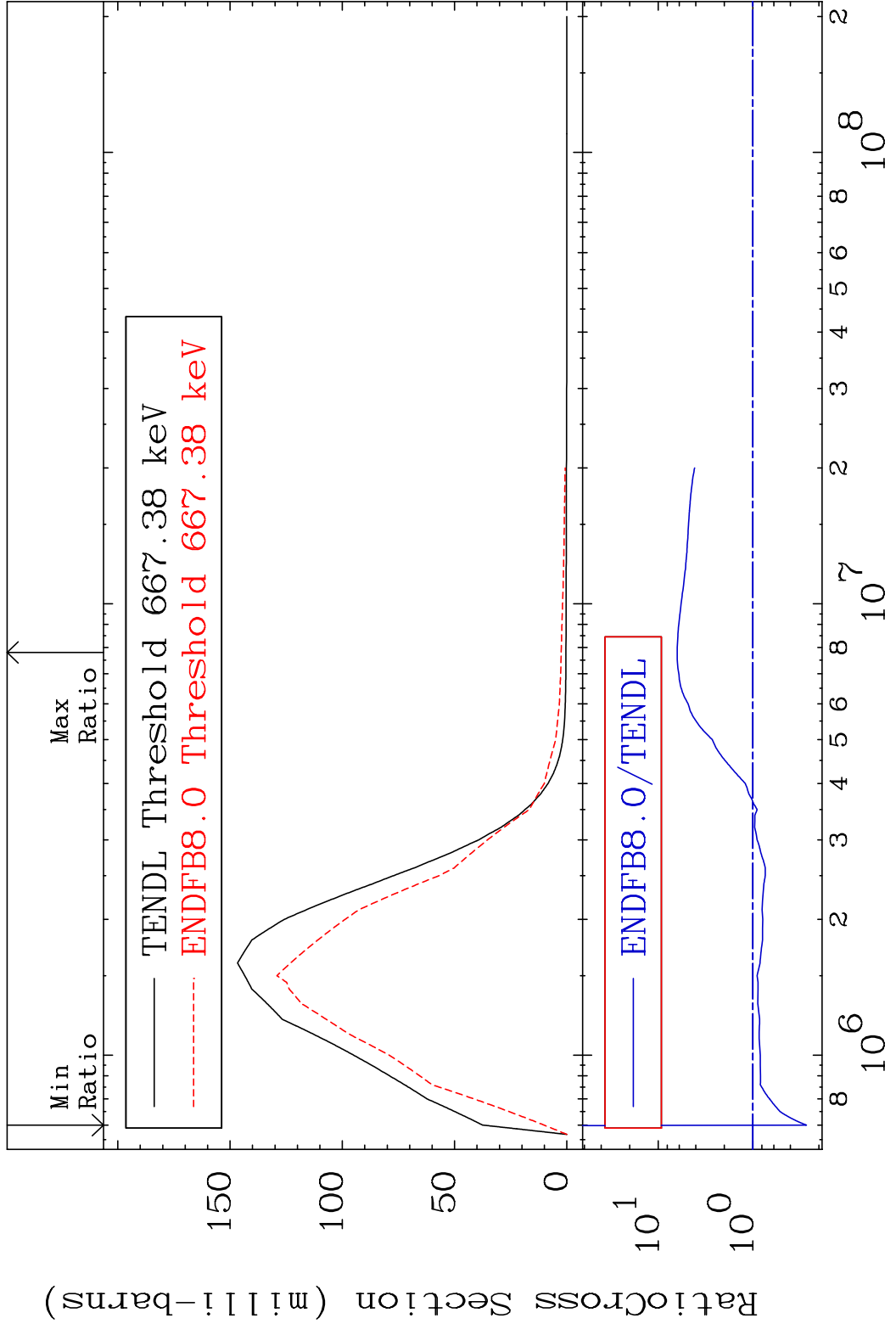
MAT 5846 MT= 53 (n, n') Level 58-Ce-143
 Cross Section -57.08 To 7911. %



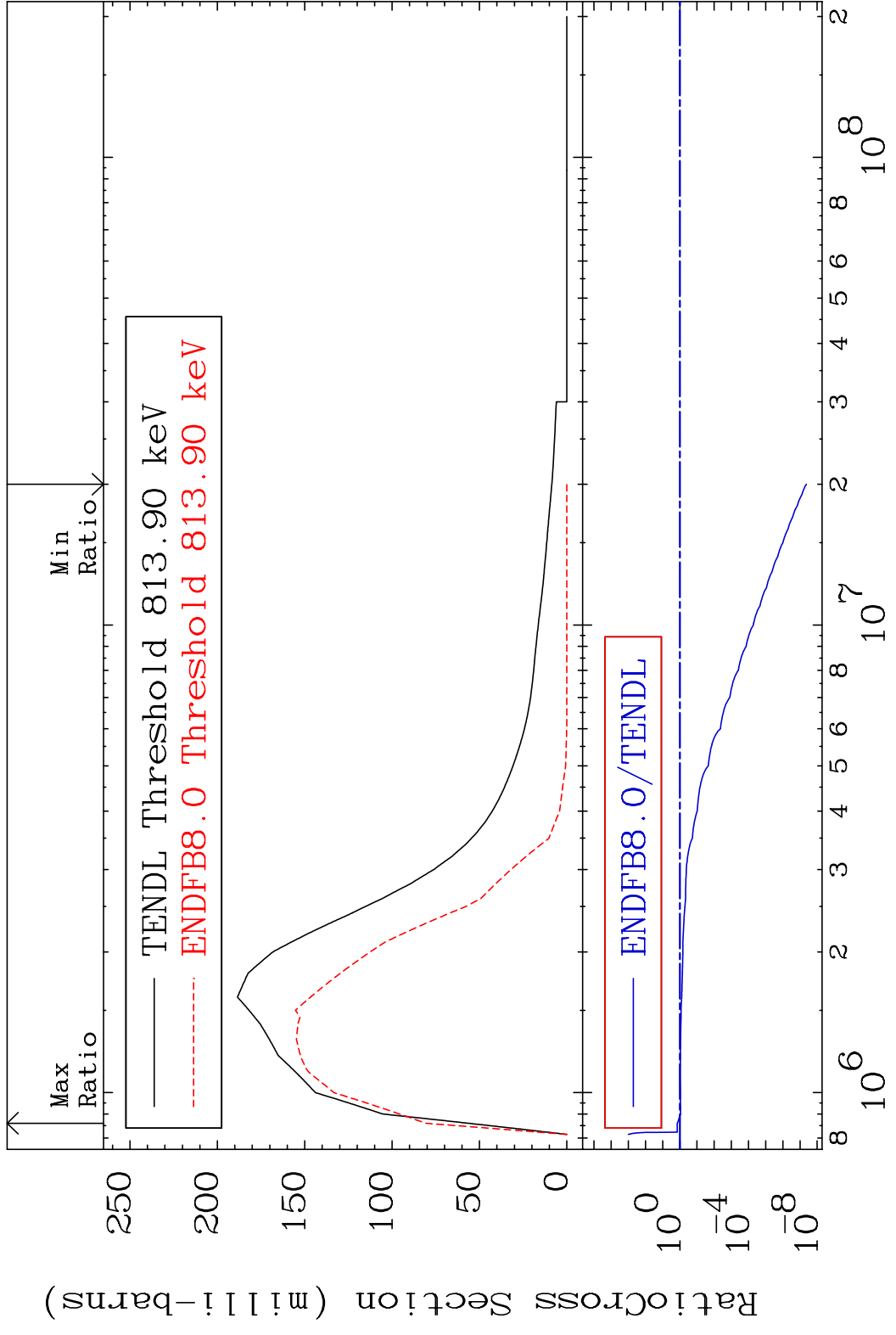
MAT 5846 MT= 54 (n, n') Level 58-Ce-143
 Cross Section -100.0 To 1242. %



MAT 5846 MT= 55 (n, n') Level 58-Ce-143
 Cross Section -72.87 To 529.4 %

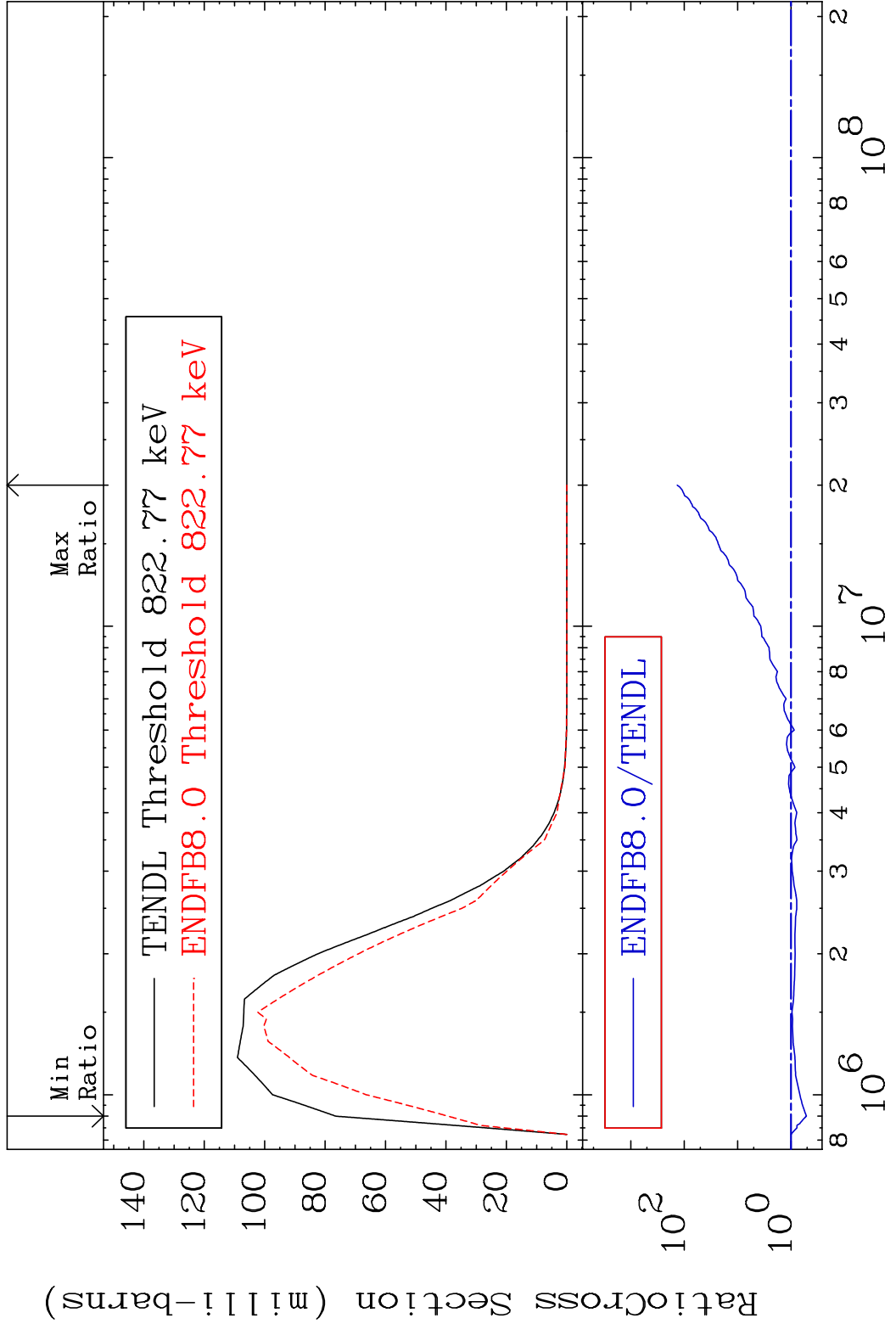


MAT 5846 MT= 56 (n, n') Level 58-Ce-143
 Cross Section -100.0 To 43.07 %



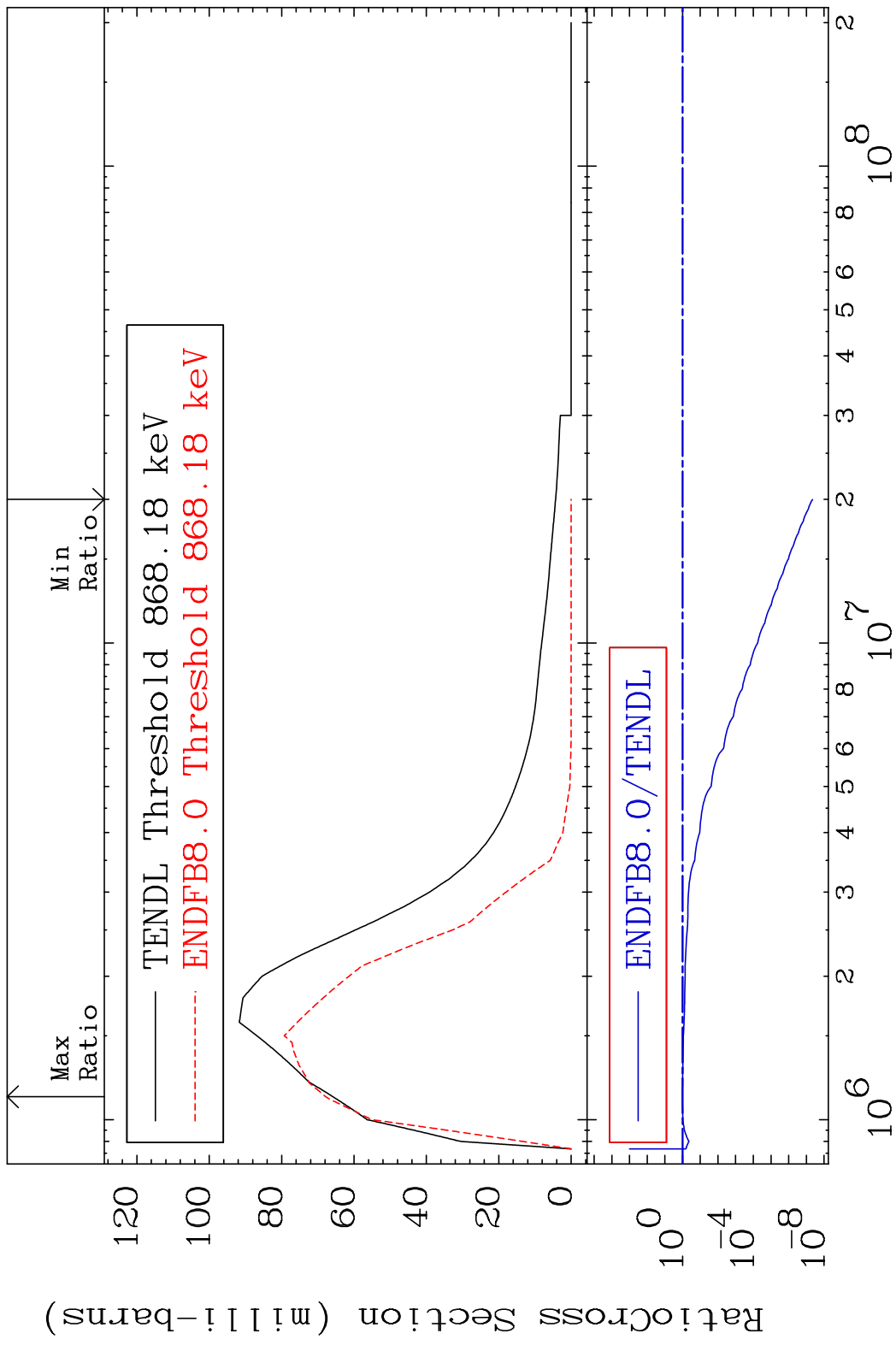
15 Incident Energy (eV) 58-Ce-143

MAT 5846 MT= 57 (n, n') Level 58-Ce-143
 Cross Section -48.60 To 9999. %



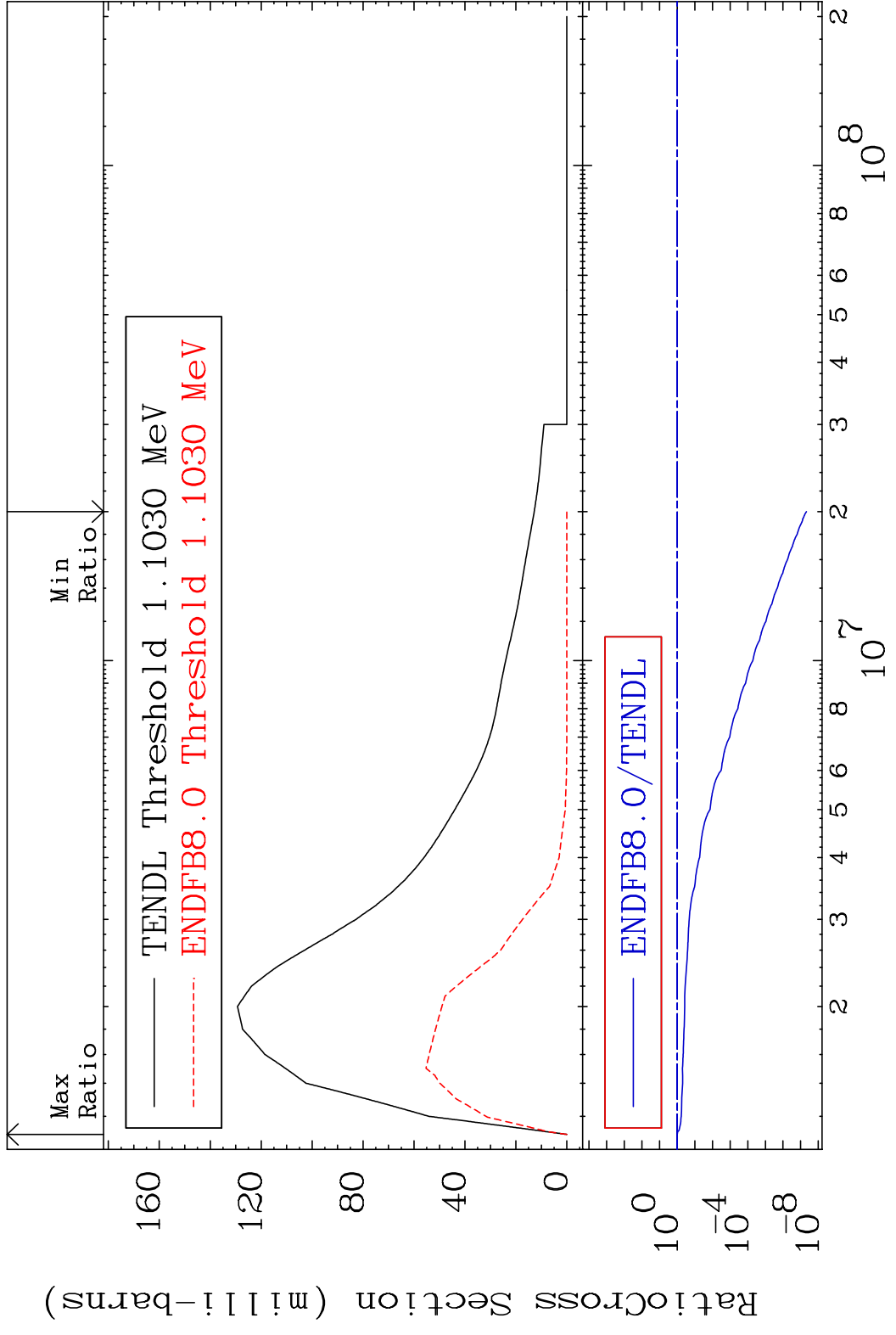
16 Incident Energy (eV) 58-Ce-143

MAT 5846 MT= 58 (n, n') Level 58-Ce-143
 Cross Section -100.0 To 3.089 %

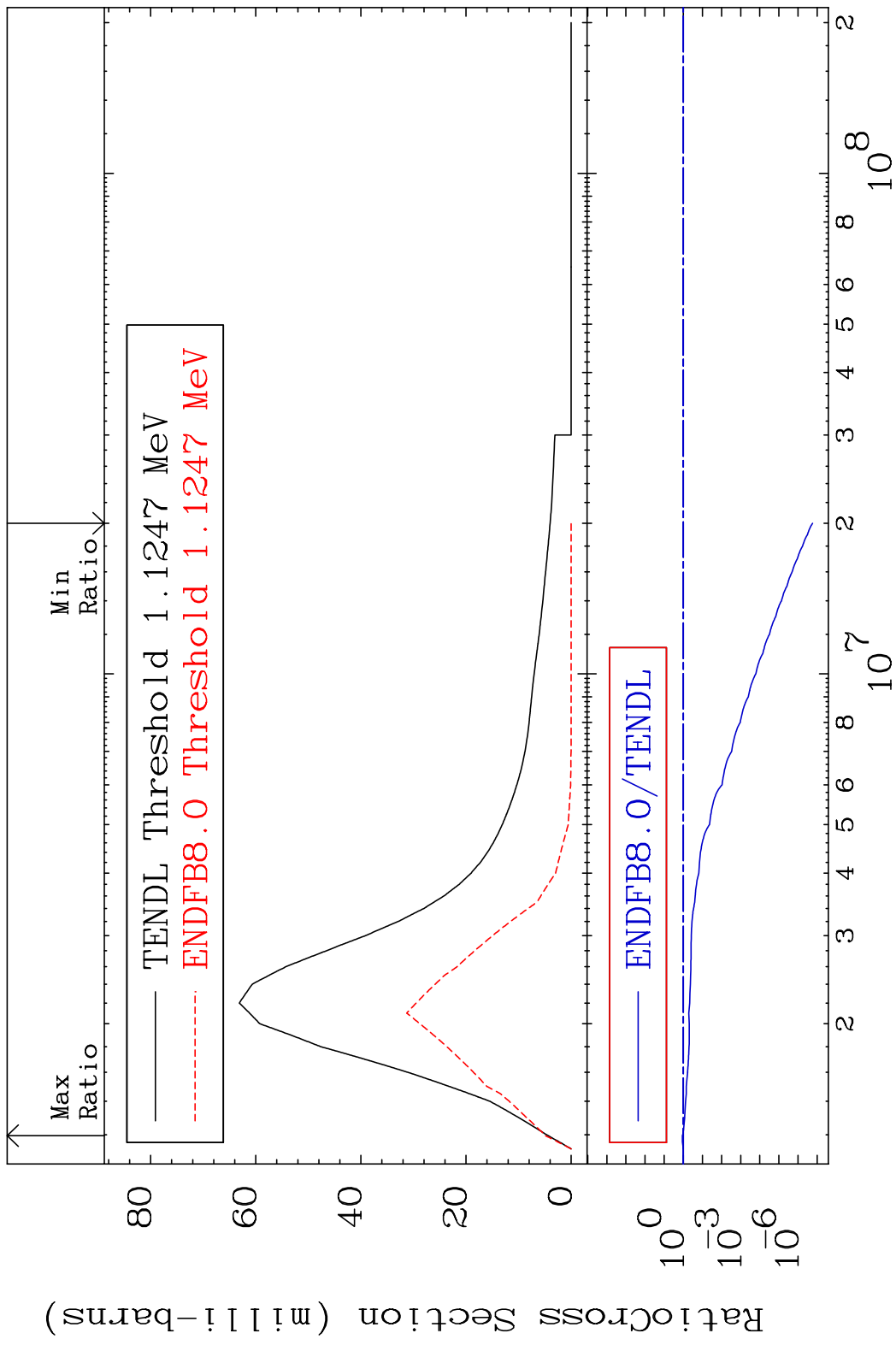


17 17 Incident Energy (eV) 58-Ce-143

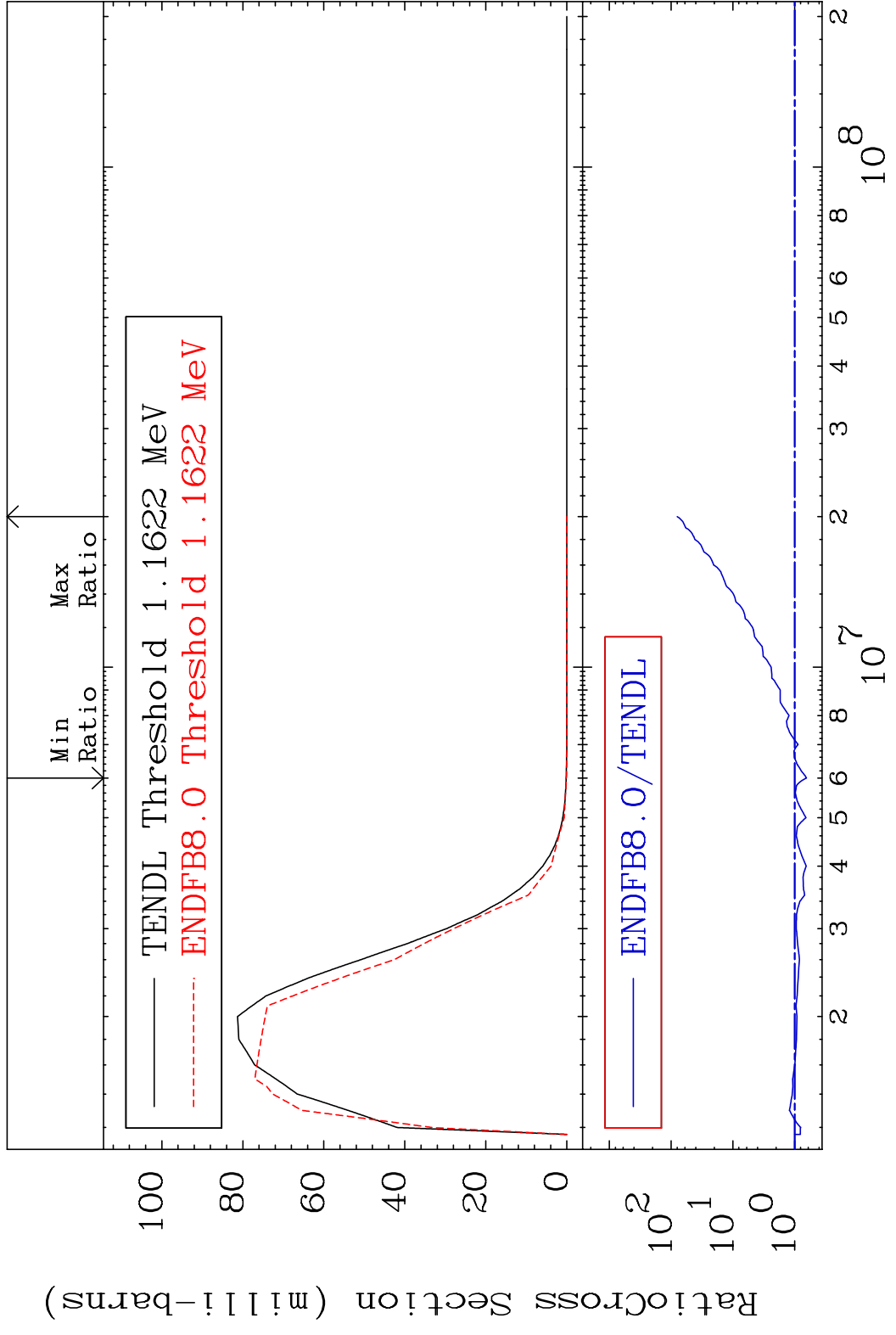
MAT 5846 MT= 59 (n, n') Level 58-Ce-143
 Cross Section -100.0 To 0.000 %



MAT 5846 MT= 60 (n, n') Level 58-Ce-143
 Cross Section -100.0 To 11.86 %

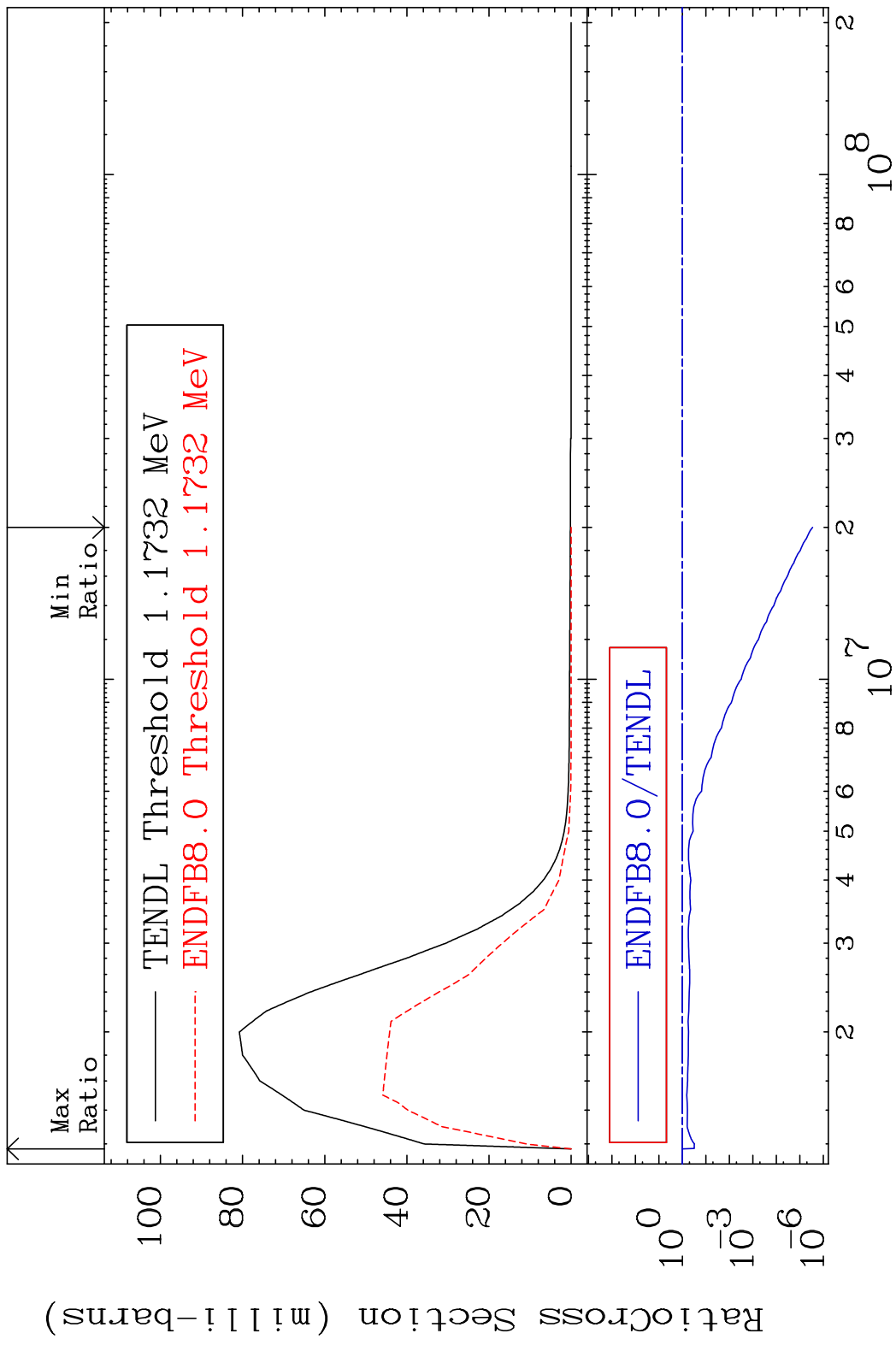


MAT 5846 MT= 61 (n, n') Level 58-Ce-143
 Cross Section -35.53 To 7885. %

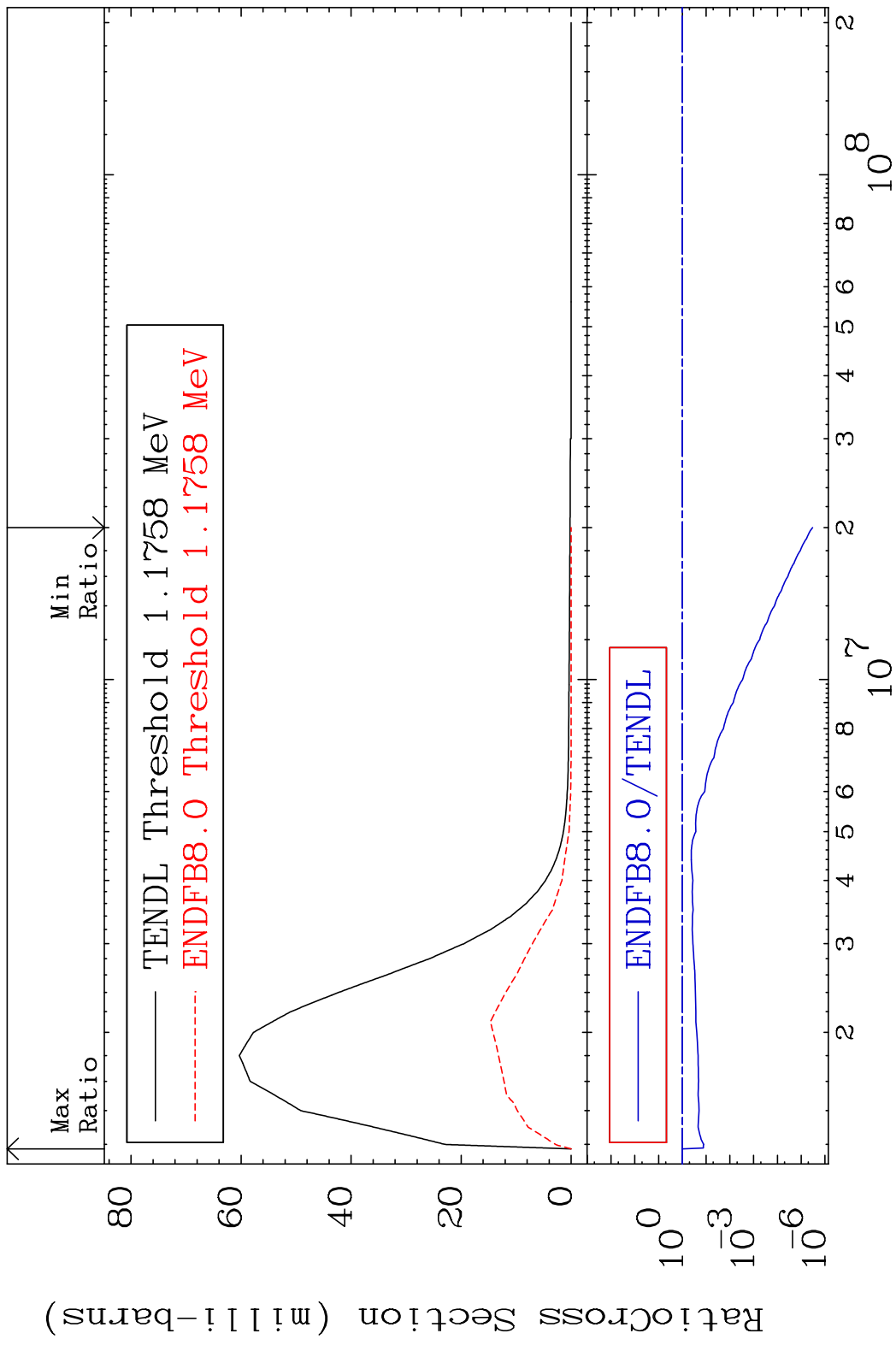


20 Incident Energy (eV) 58-Ce-143

MAT 5846 MT= 62 (n, n') Level 58-Ce-143
 Cross Section -100.0 To 0.000 %

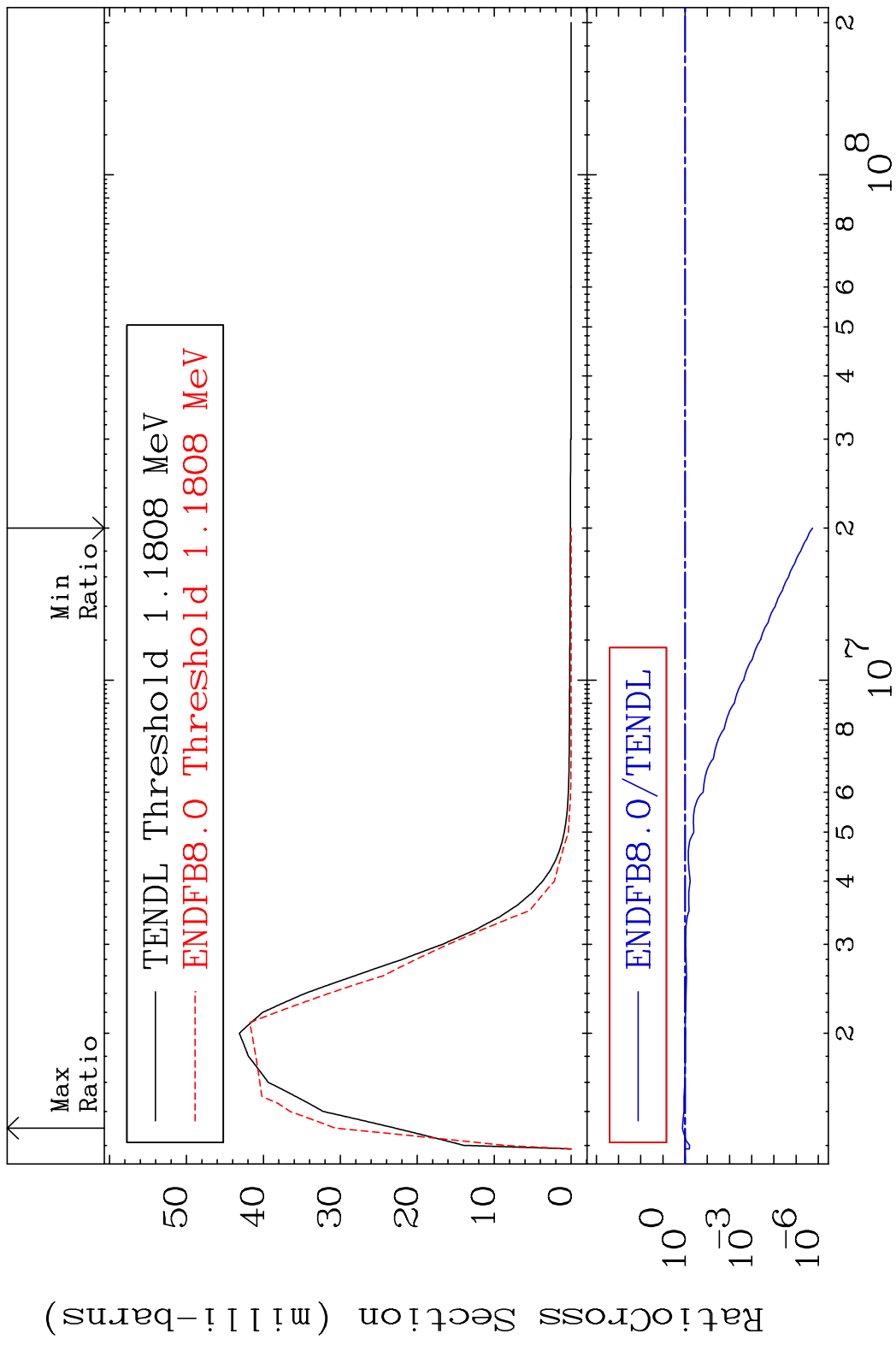


MAT 5846 MT= 63 (n, n') Level 58-Ce-143
 Cross Section -100.0 To 0.000 %



22 Incident Energy (eV) 58-Ce-143

MAT 5846 MT= 64 (n, n') Level 58-Ce-143
 Cross Section -100.0 To 33.63 %

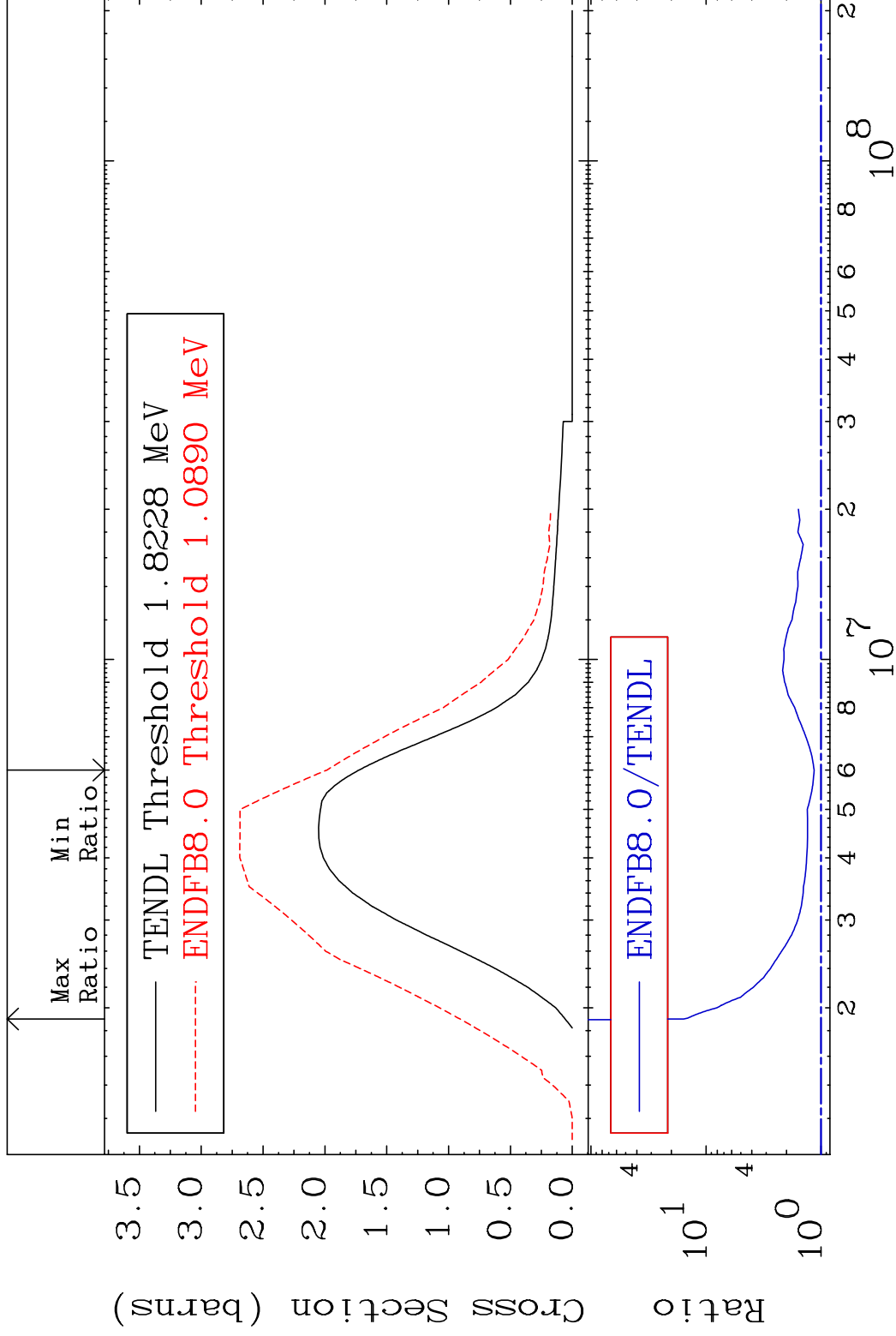


MAT 5846

(n,n') Continuum

58-Ce-143

Cross Section 15.05 To 1466. %

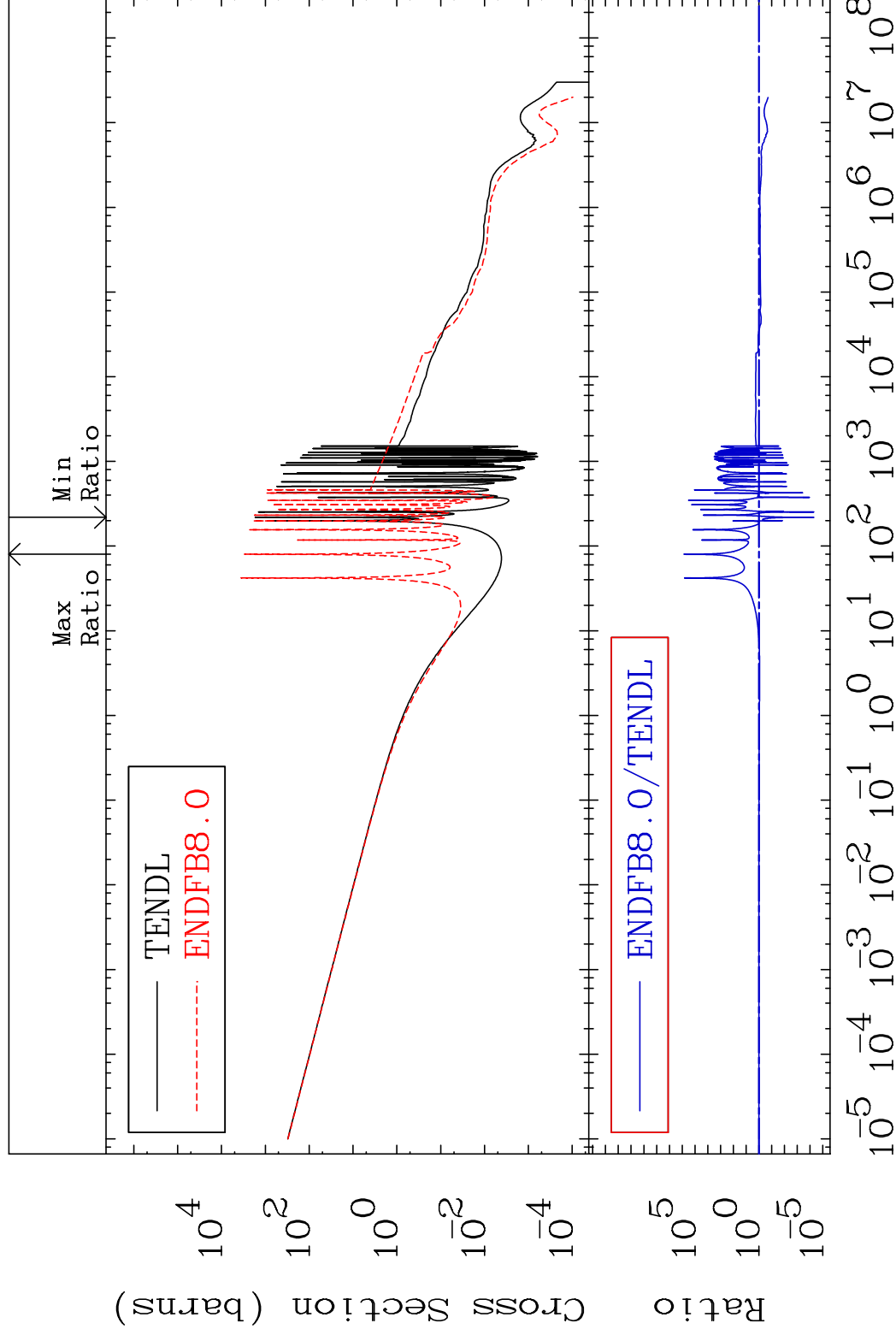


MAT 5846

(n, γ)

58-Ce-143

Cross Section -100.0 To 9999. %



25

Incident Energy (eV)

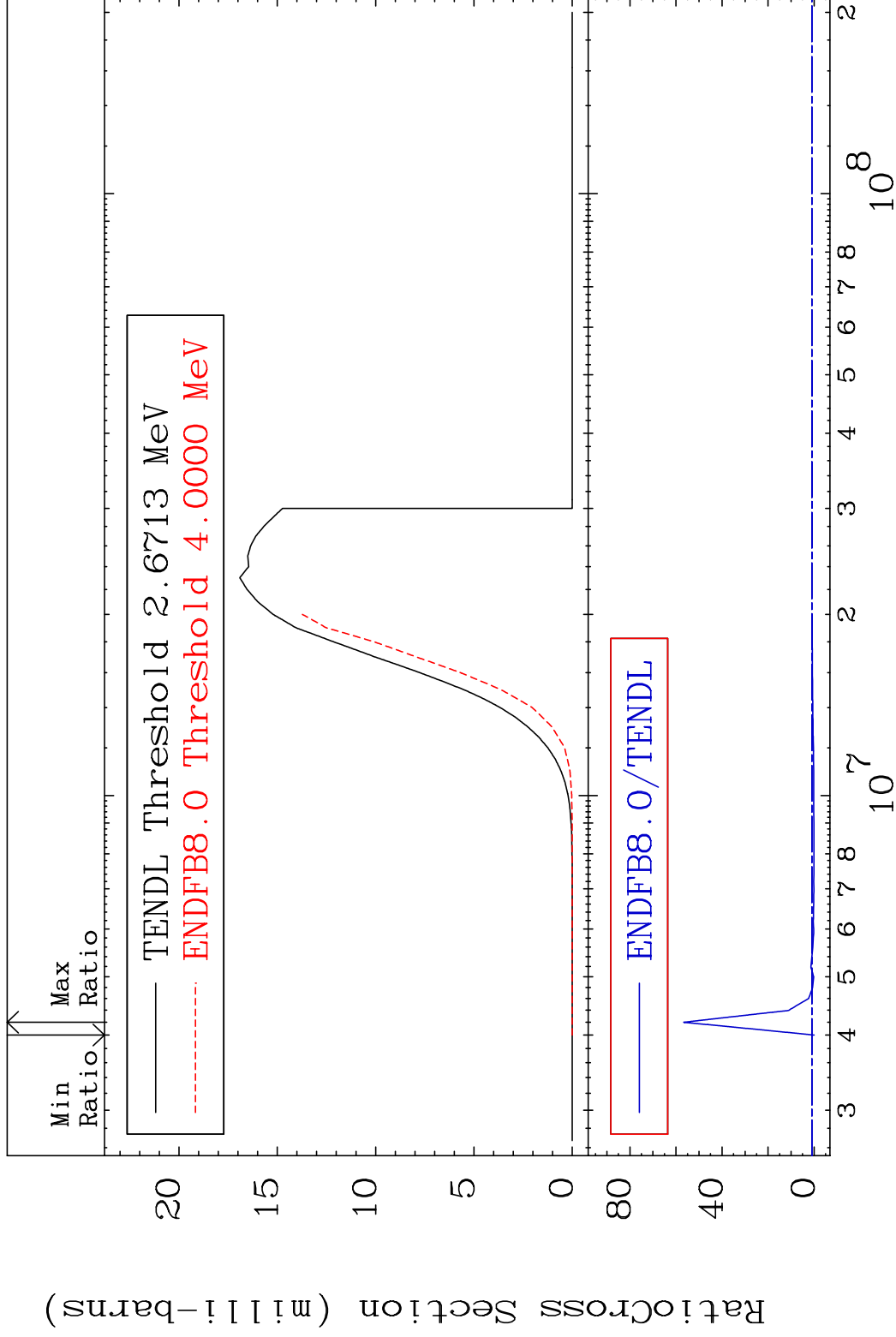
58-Ce-143

MAT 5846

(n,p)

58-Ce-143

Cross Section -100.0 To 5566. %



26

Incident Energy (eV)

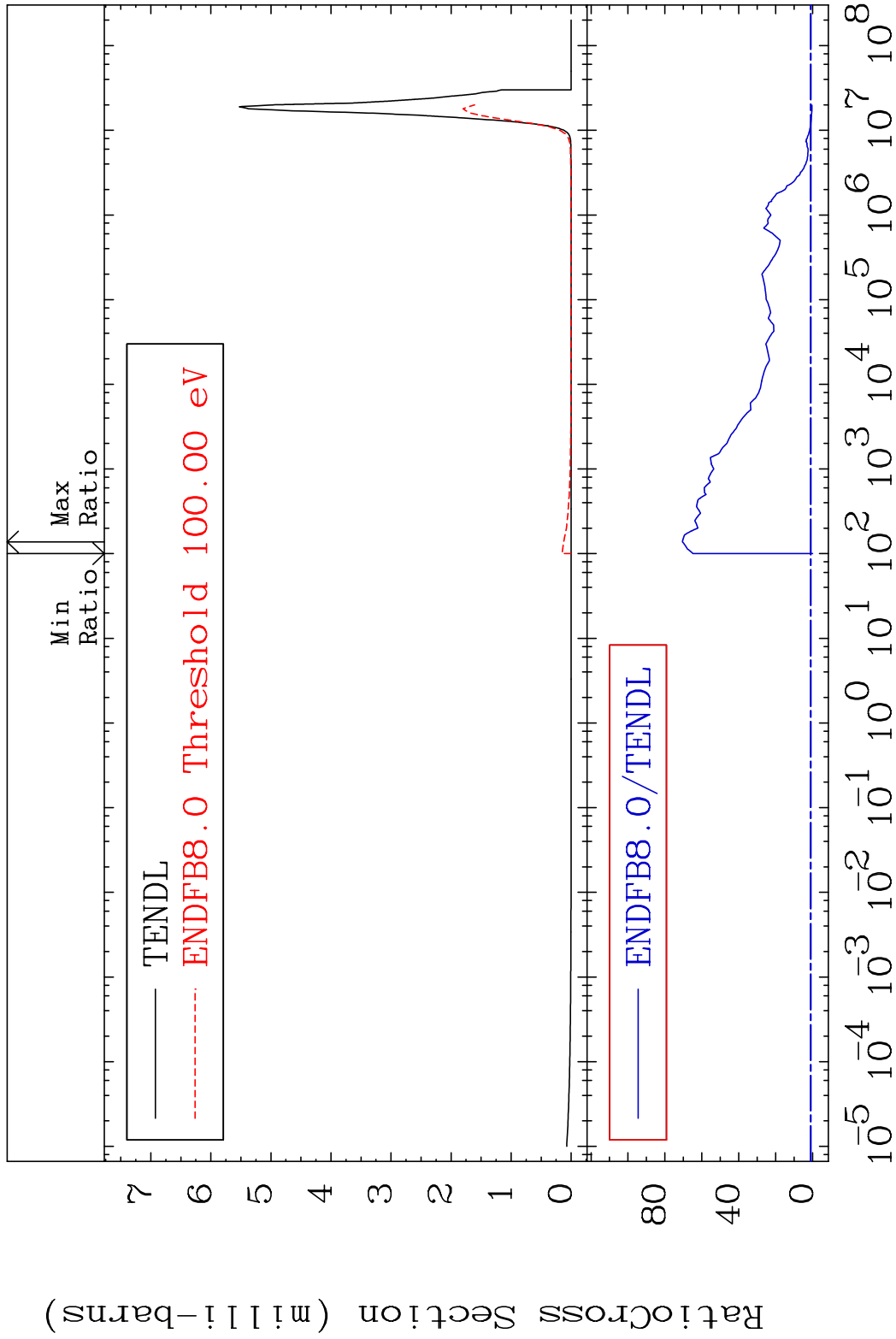
58-Ce-143

MAT 5846

(n, α)

58-Ce-143

Cross Section -100.0 To 6954. %



27

Incident Energy (eV)

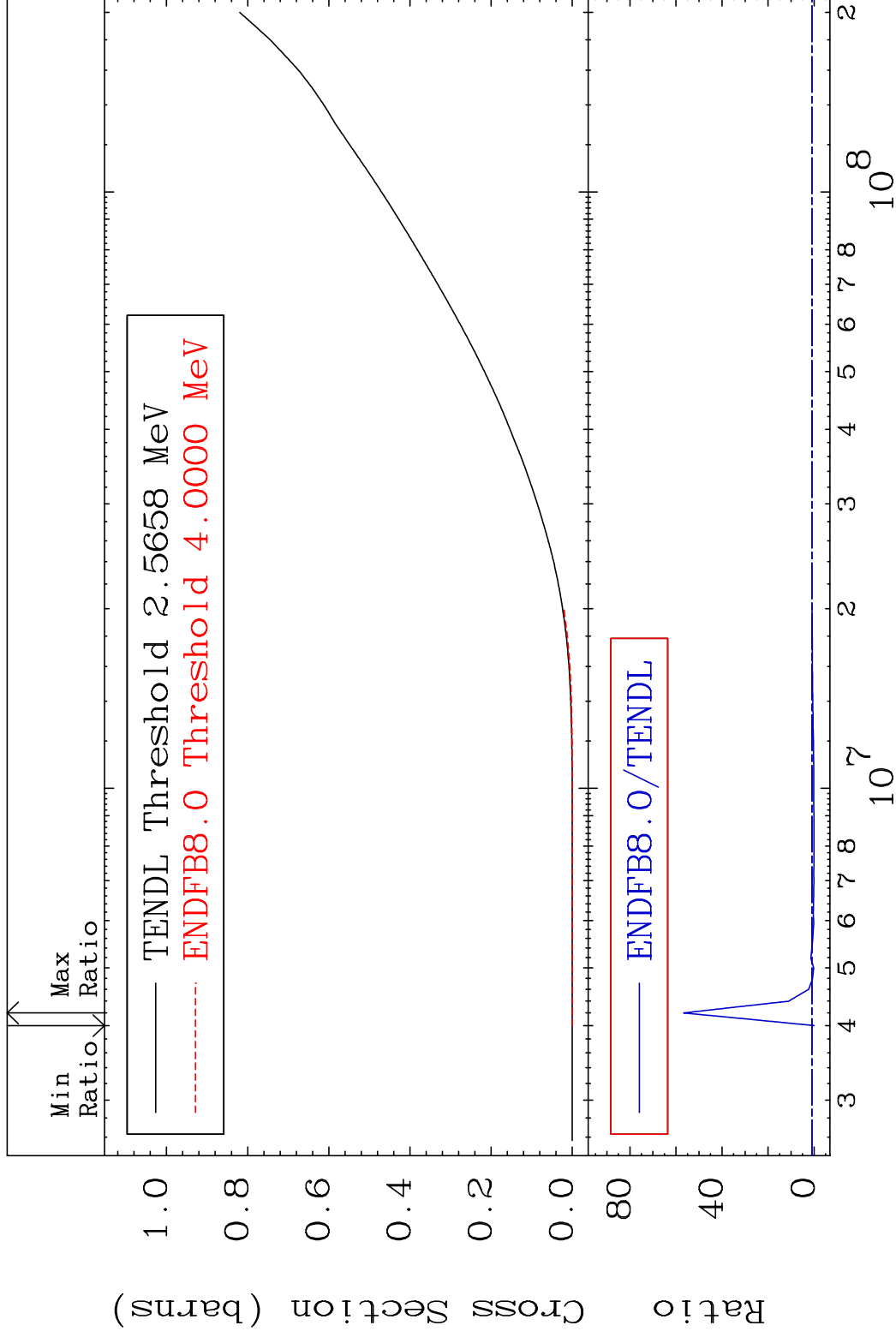
58-Ce-143

MAT 5846

Hydrogen Production

58-Ce-143

Cross Section -100.0 To 5566. %



28

Incident Energy (eV)

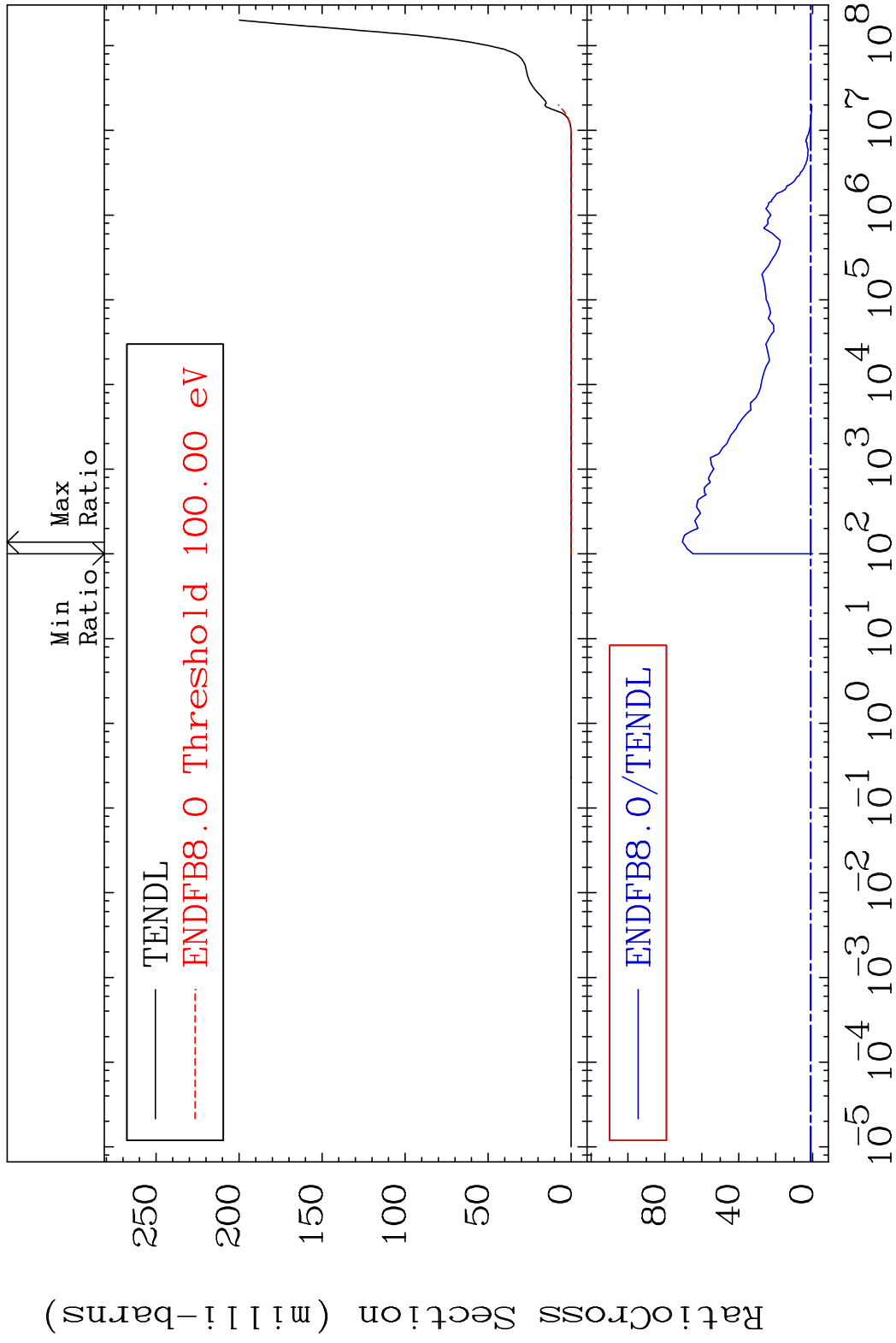
58-Ce-143

MAT 5846

He-4 Production

58-Ce-143

Cross Section -100.0 To 6954. %

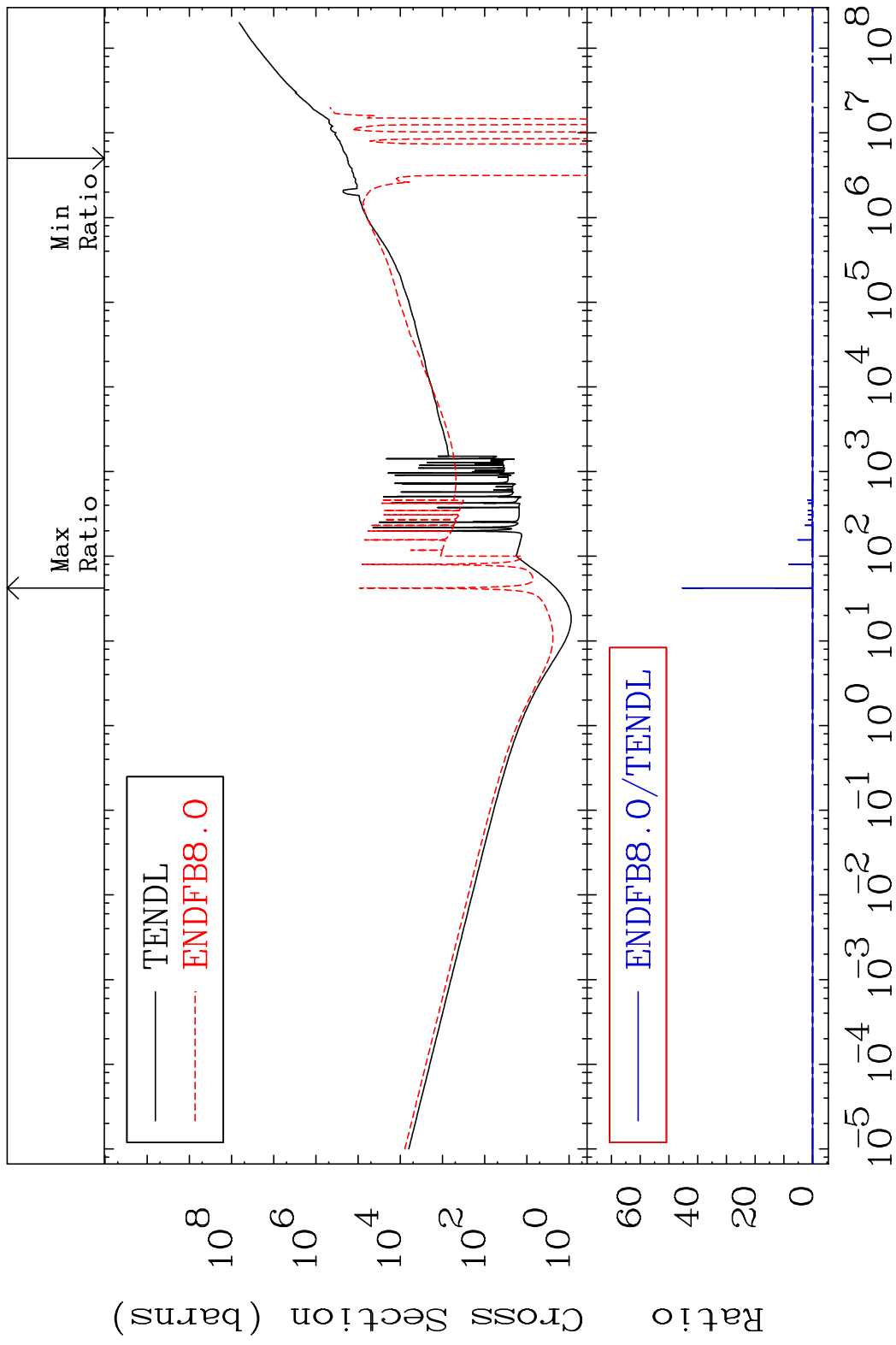


29

Incident Energy (eV)

58-Ce-143

MAT 5846 Kerma total (eV-barns) 58-Ce-143
 Cross Section -147.3 To 9999. %

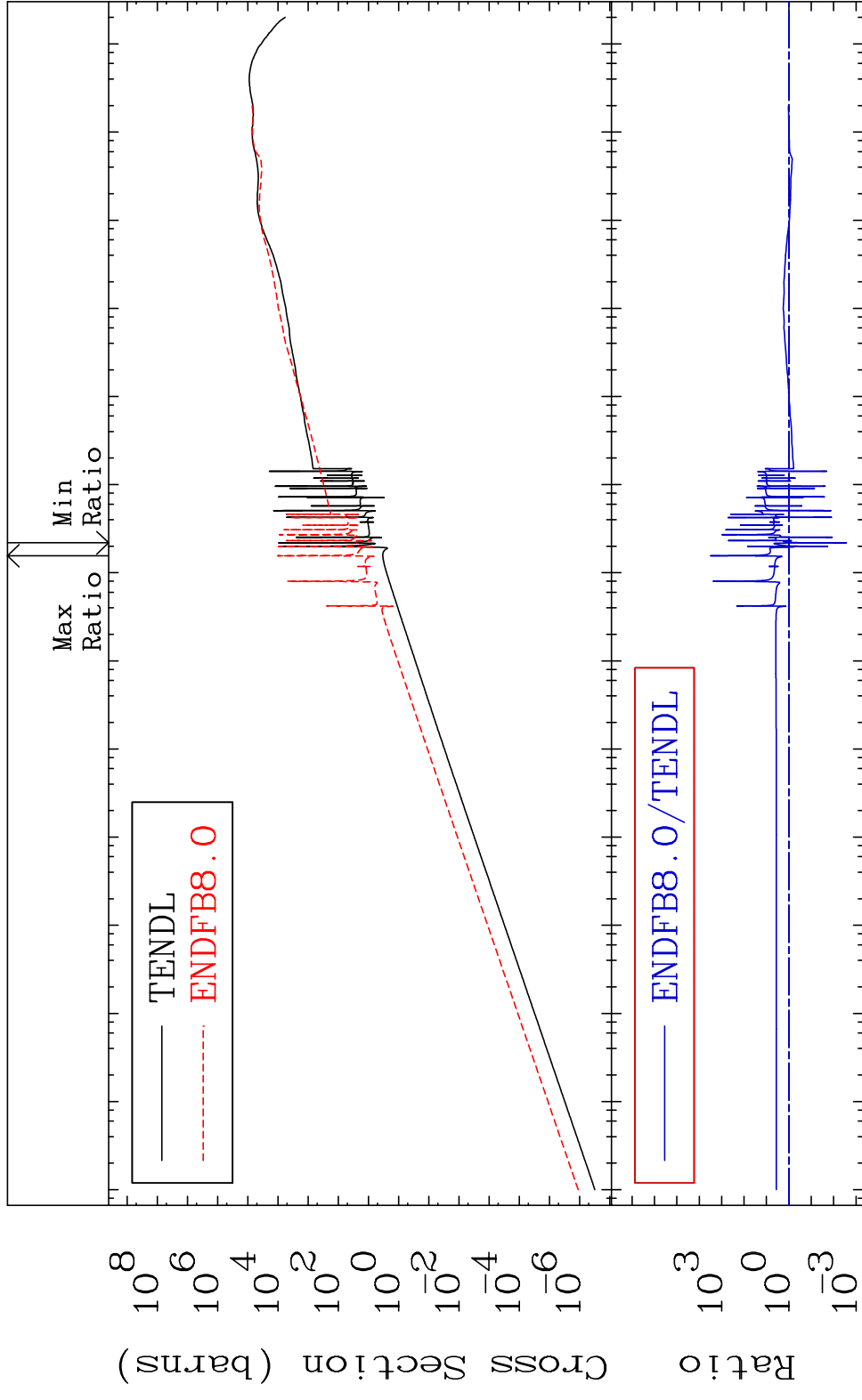


30 Incident Energy (eV) 58-Ce-143

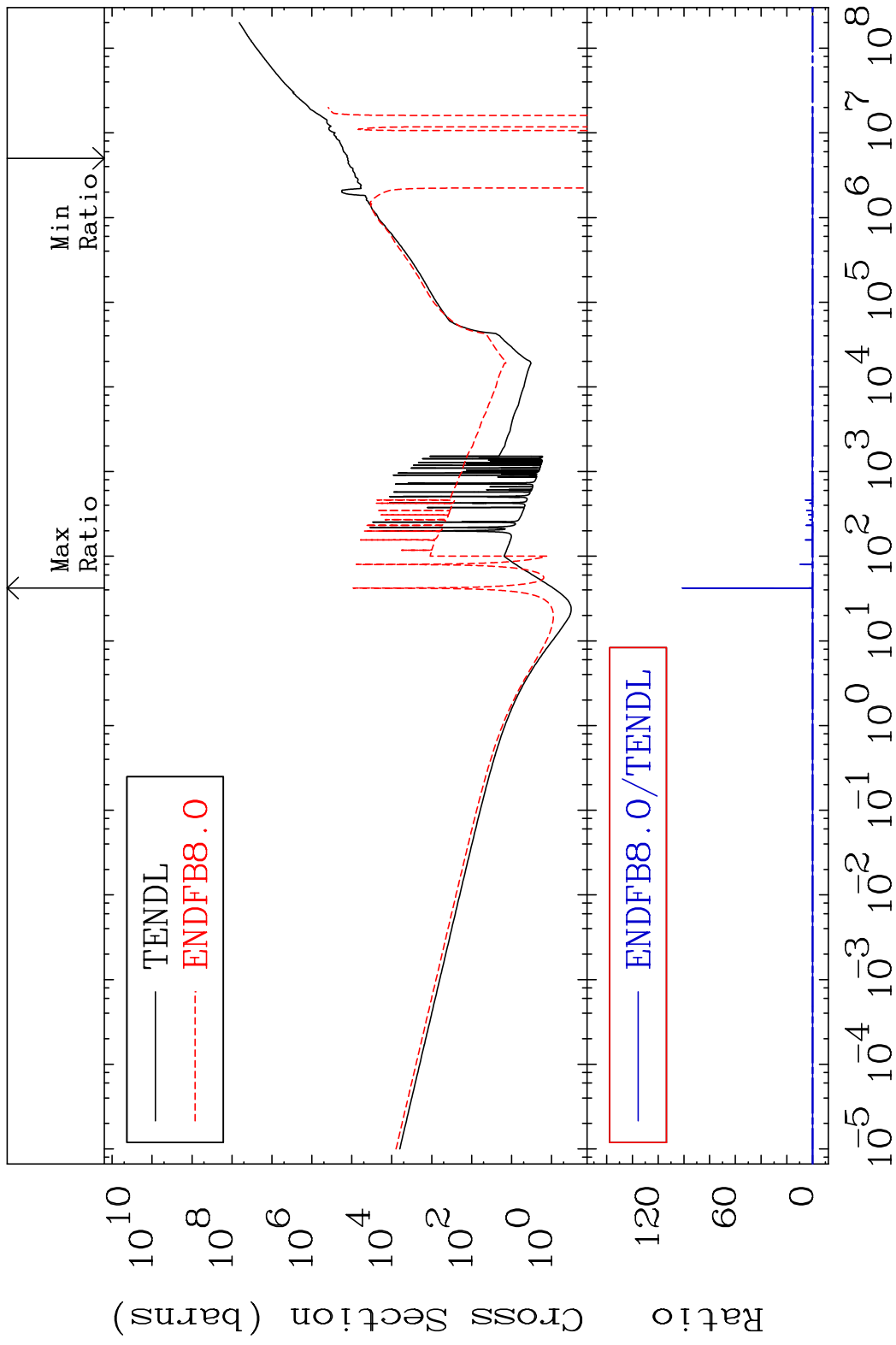
MAT 5846

Kerma elastic
Cross Section

58-Ce-143
-99.73 To 9999. %

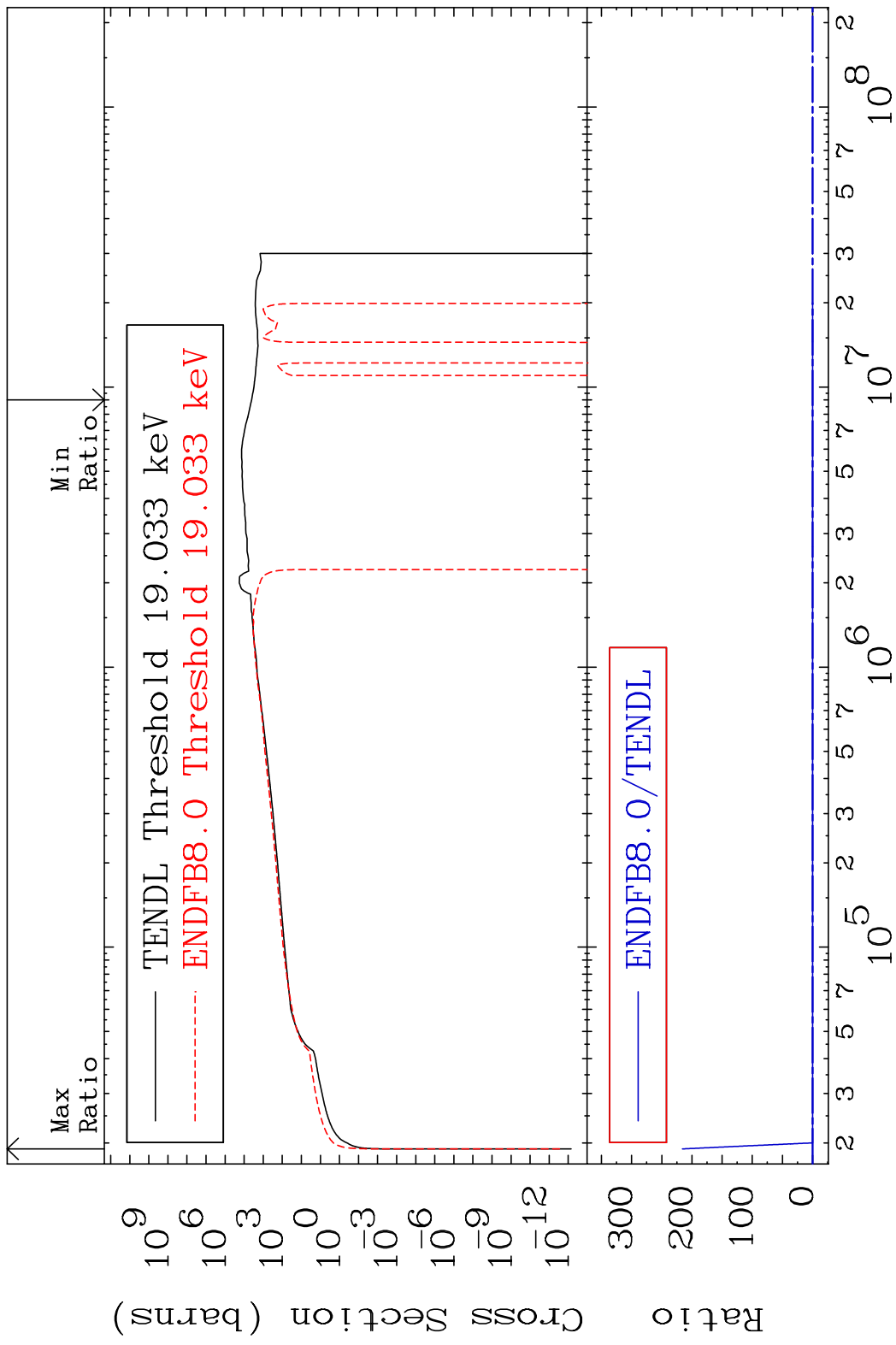


MAT 5846 Kerma non-elastic (all but mt2) 58-Ce-143
 Cross Section -196.9 To 9999. %

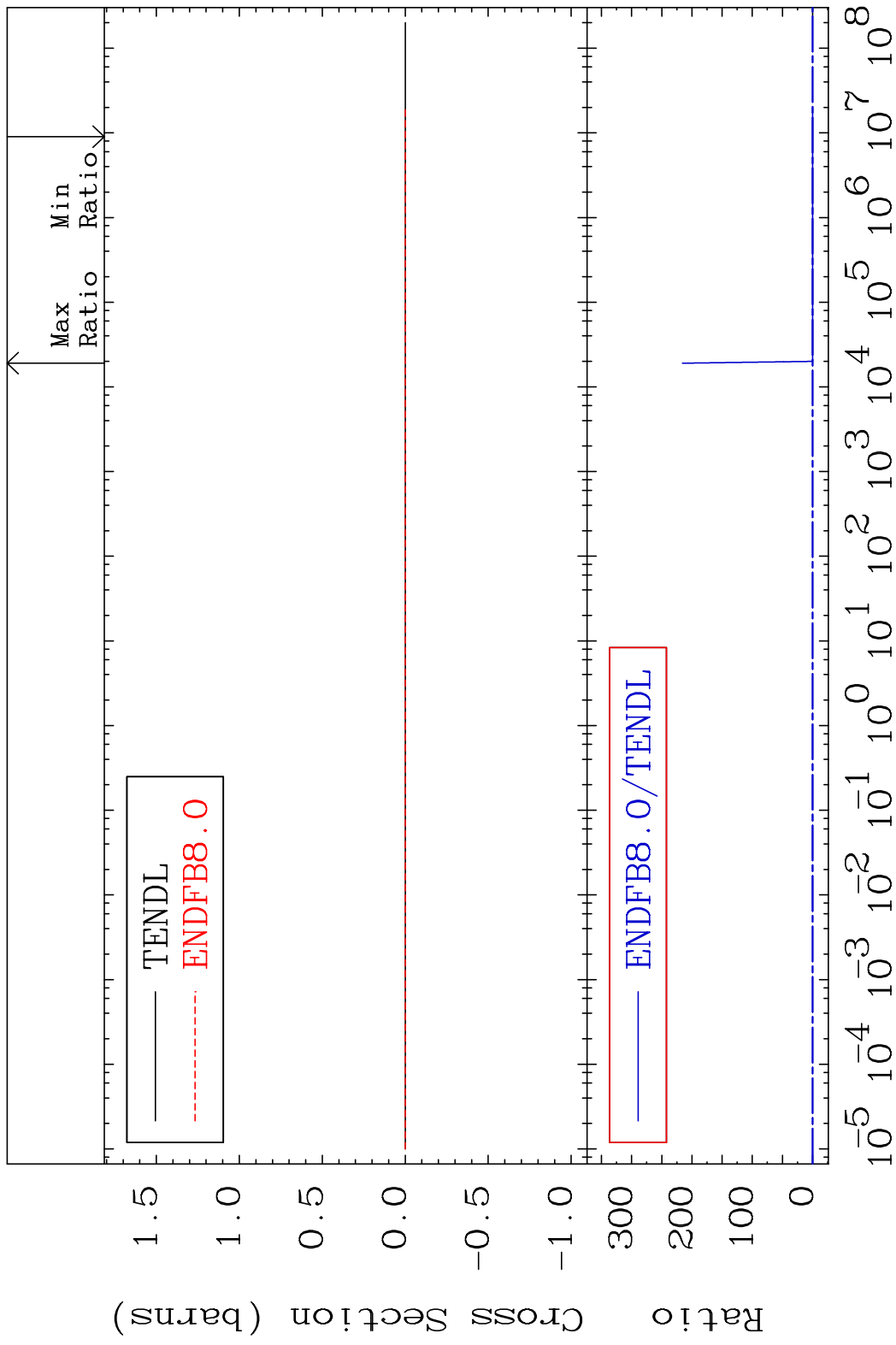


32 Incident Energy (eV) 58-Ce-143

MAT 5846 Kerma inelastic (mt51-91) 58-Ce-143
 Cross Section -251.5 To 9999. %



MAT 5846 Kerma fission (mt18 or mt19-20-21-38) 58-Ce-143
 Cross Section -251.5 To 9999. %

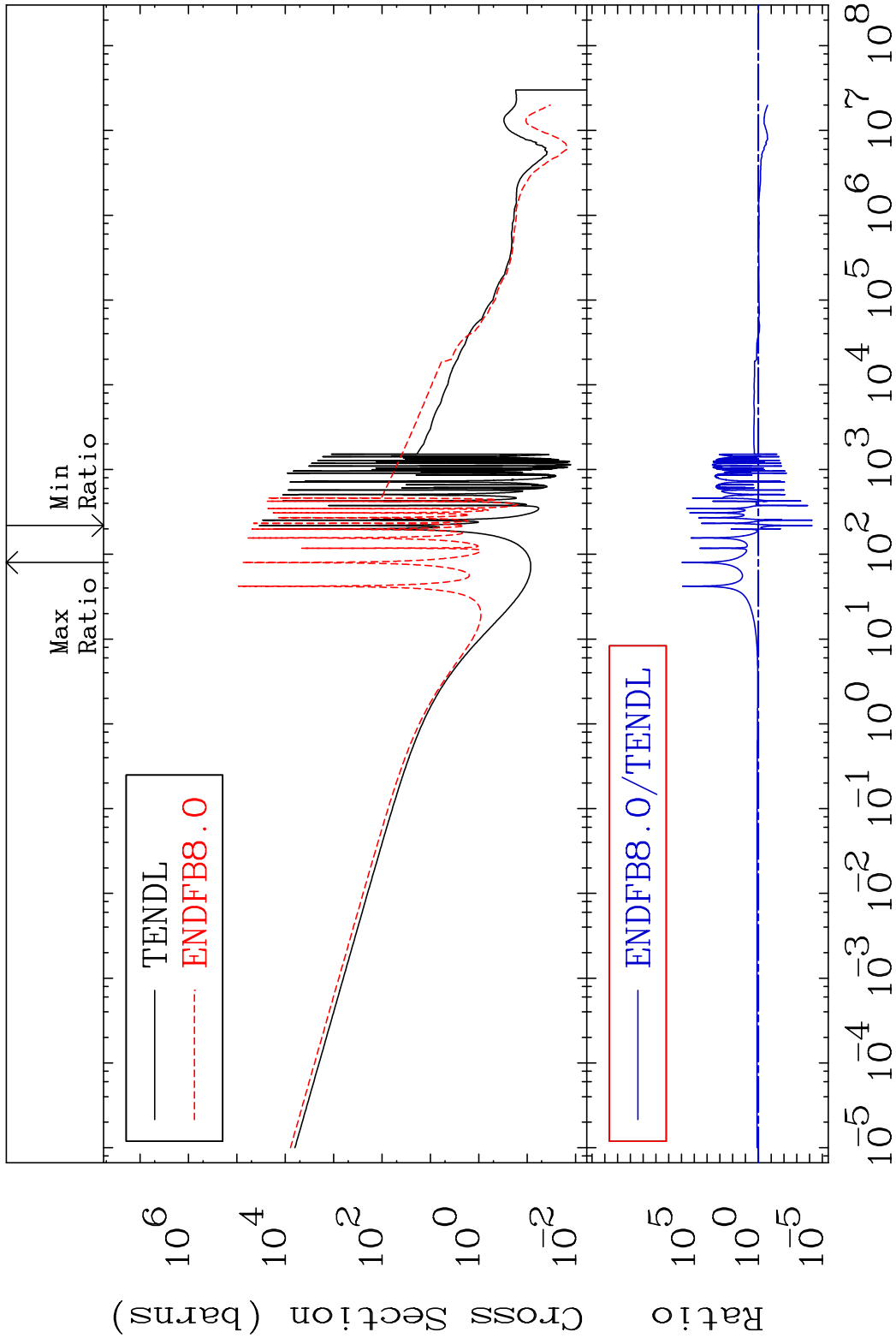


MAT 5846

Kerma capture (mt102)

58-Ce-143

Cross Section -99.99 To 9999. %

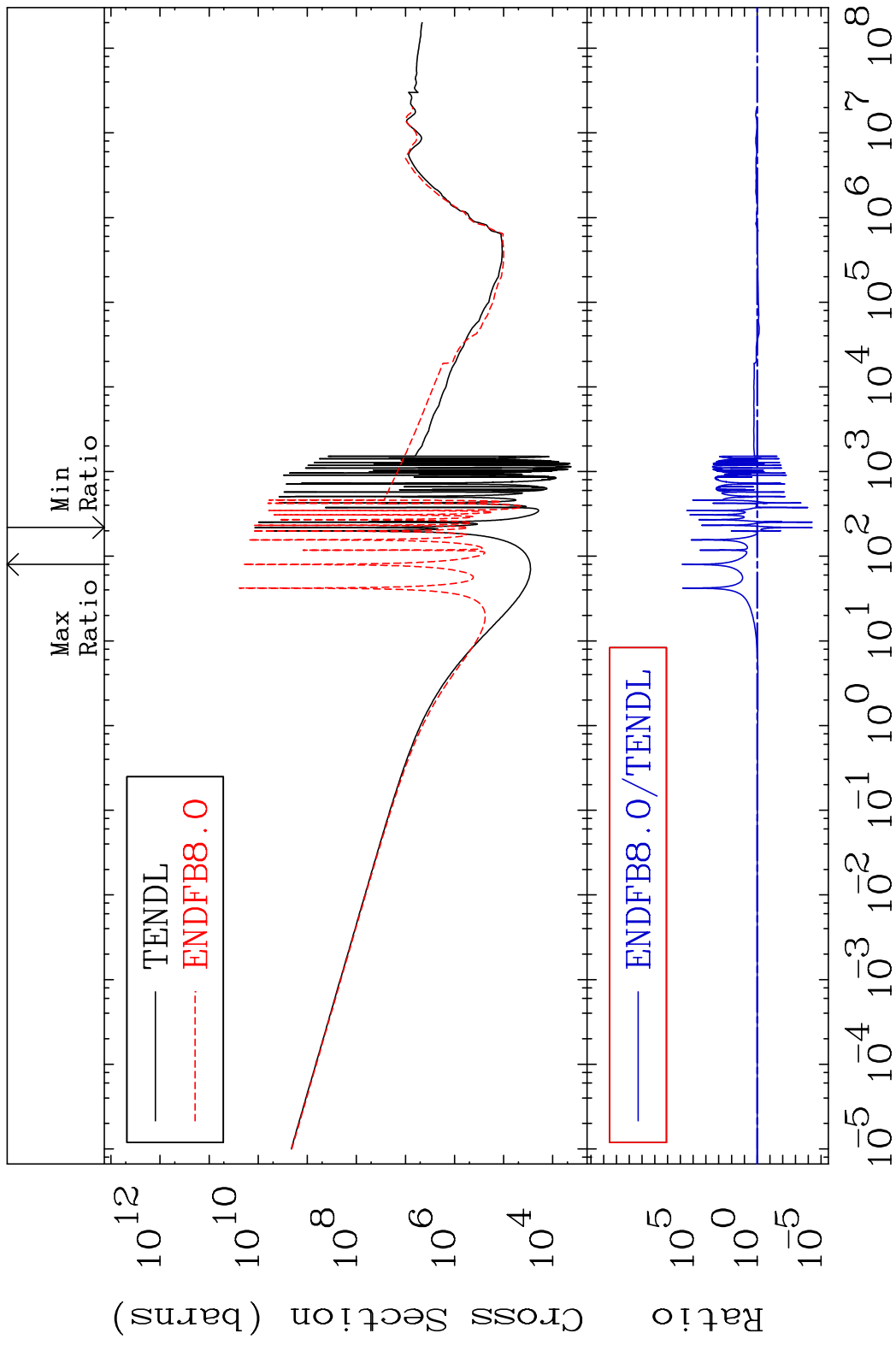


35

Incident Energy (eV)

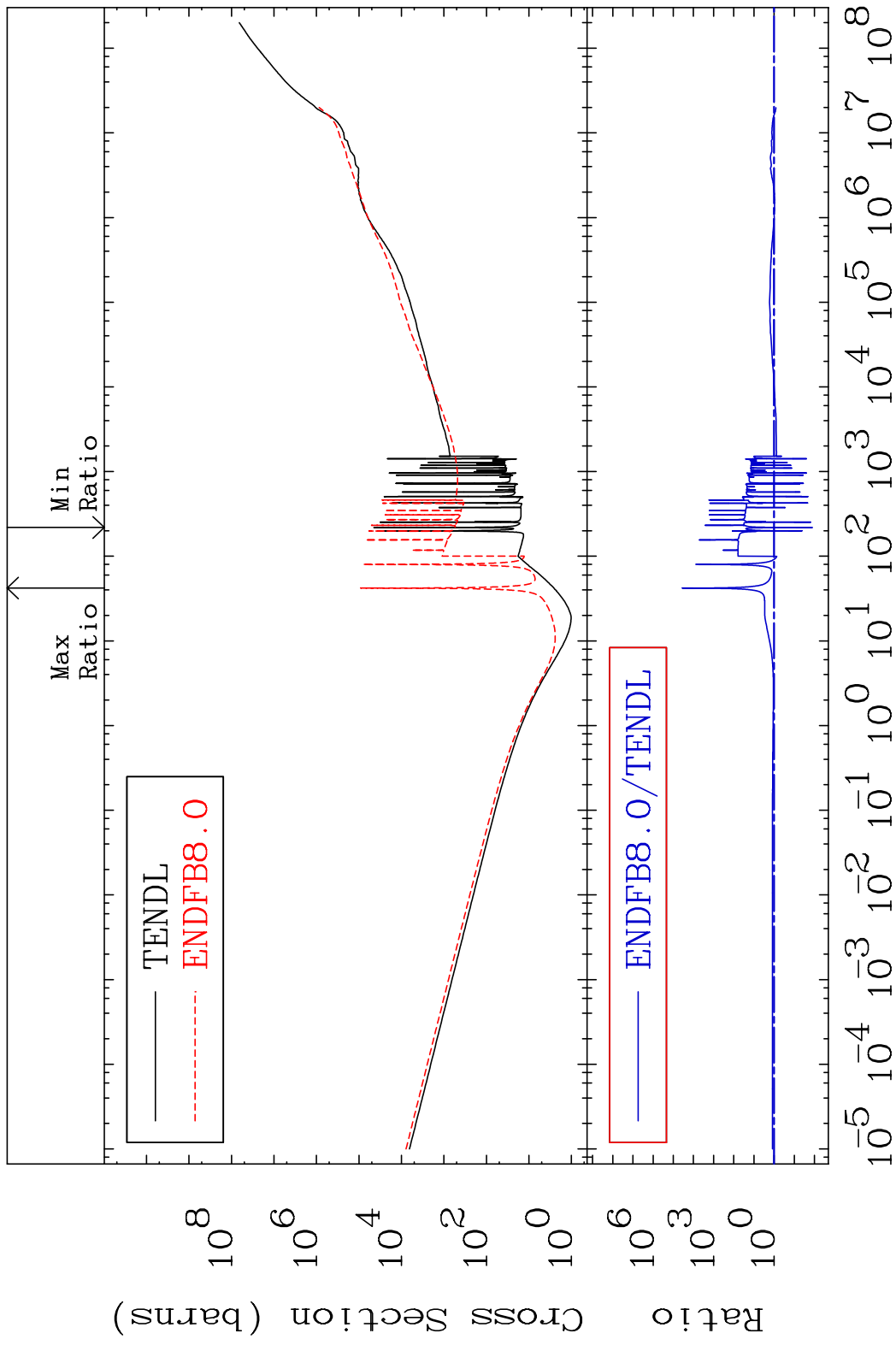
58-Ce-143

MAT 5846 Total photon (eV-barns) 58-Ce-143
 Cross Section -100.0 To 9999. %



36 Incident Energy (eV) 58-Ce-143

MAT 5846 Total kinematic kerma (high limit) 58-Ce-143
 Cross Section -98.76 To 9999. %

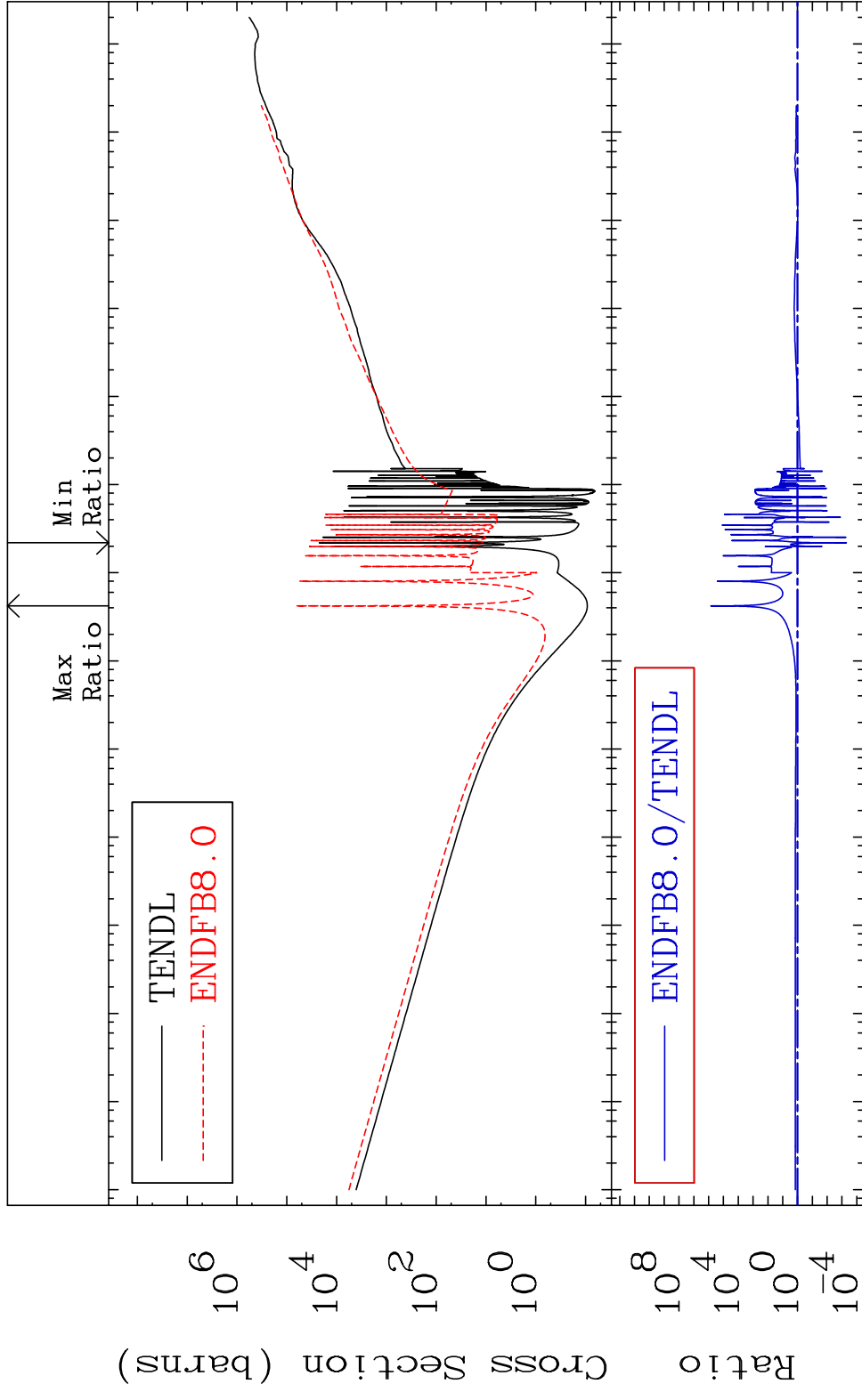


MAT 5846

Dpa total (eV-barns)

58-Ce-143

Cross Section -99.95 To 9999. %



38

Incident Energy (eV)

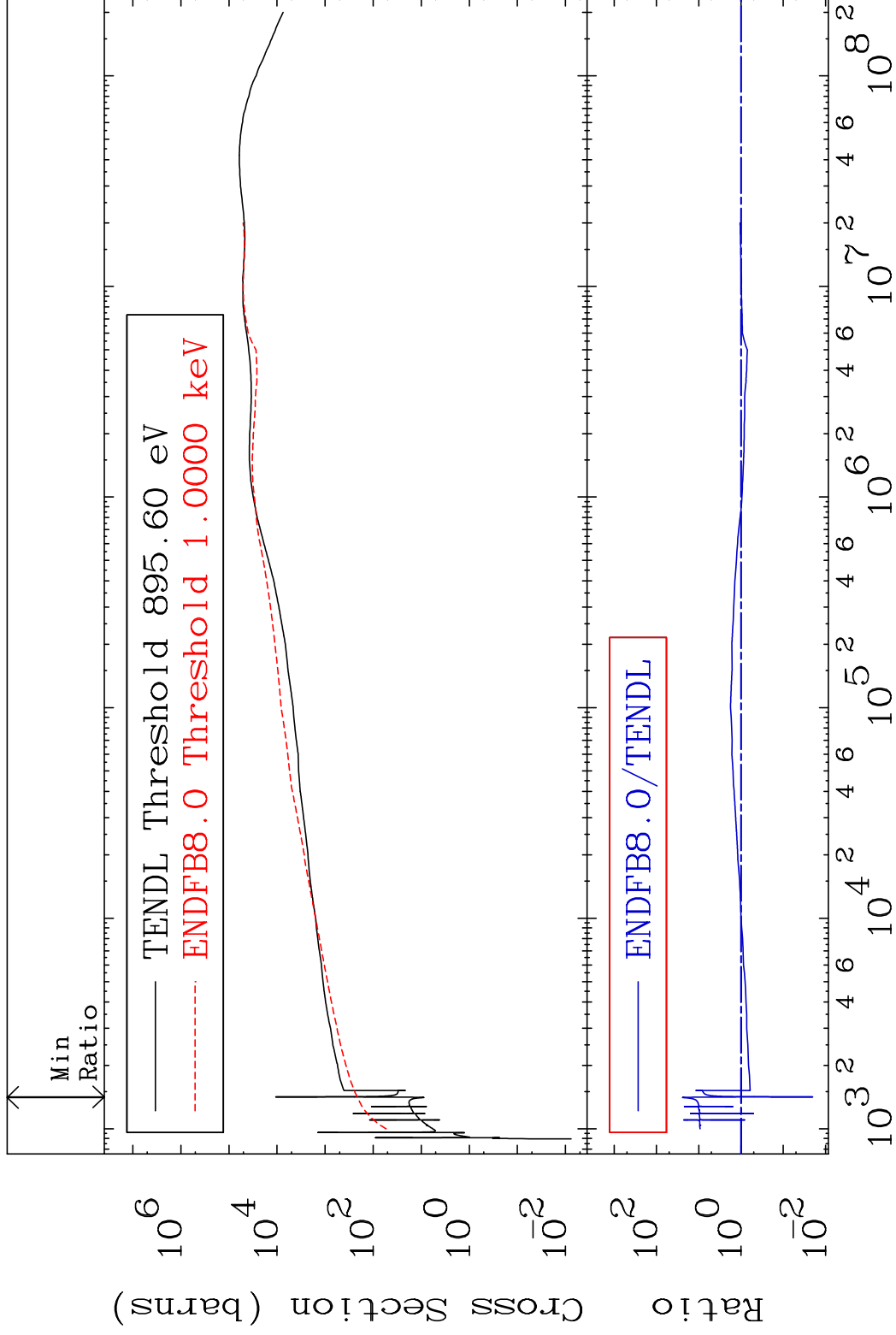
58-Ce-143

MAT 5846

Dpa elastic (mt2)

58-Ce-143

Cross Section -97.97 To 2341. %

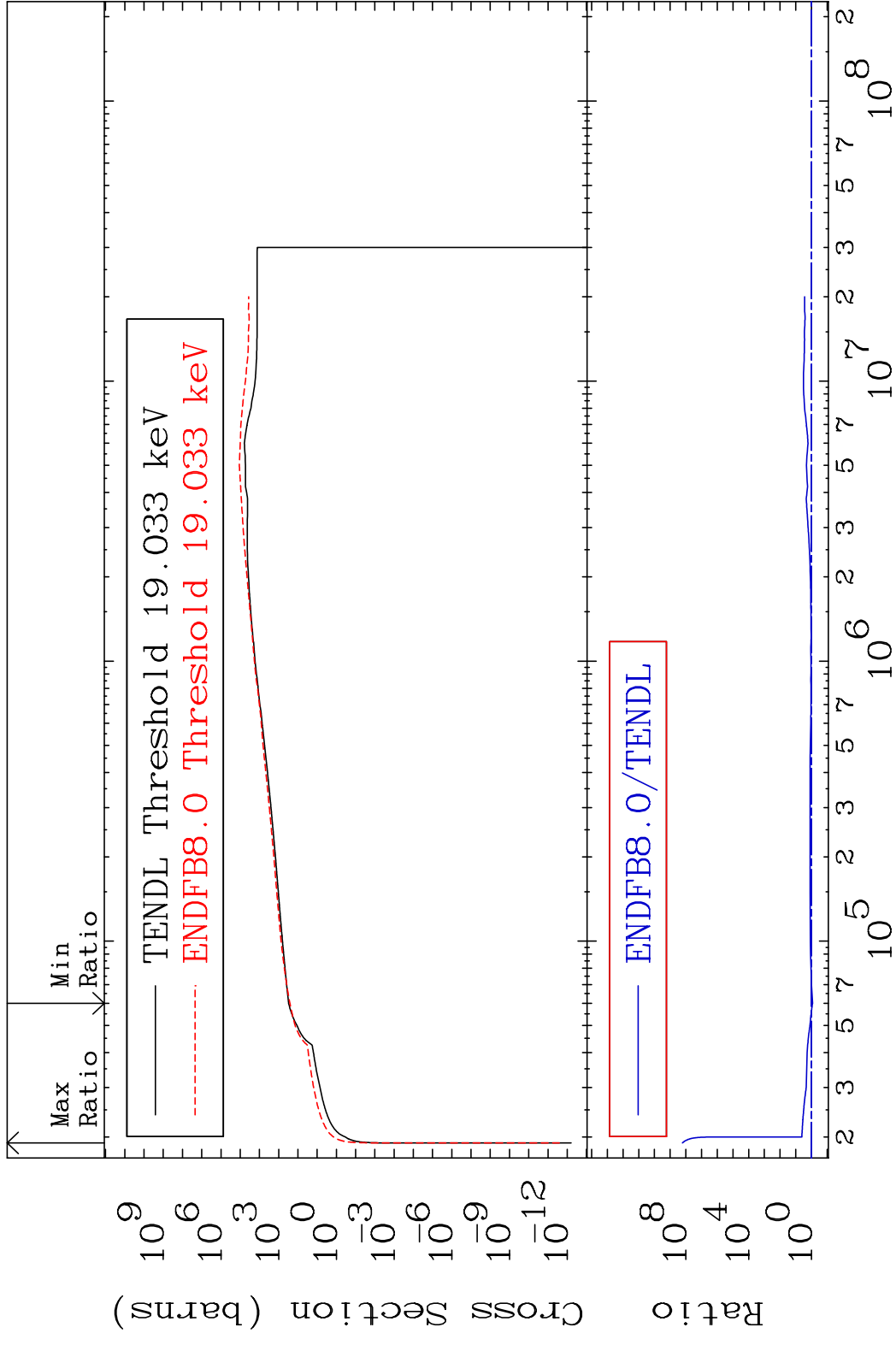


39

Incident Energy (eV)

58-Ce-143

MAT 5846 Dpa inelastic (mt51-91) 58-Ce-143
 Cross Section -14.68 To 9999. %



40 Incident Energy (eV) 58-Ce-143

MAT 5846 Dpa disappearance (mt102 -120) 58-Ce-143
 Cross Section -99.95 To 9999. %

