

Program Complot
(Version 2021-1)

by

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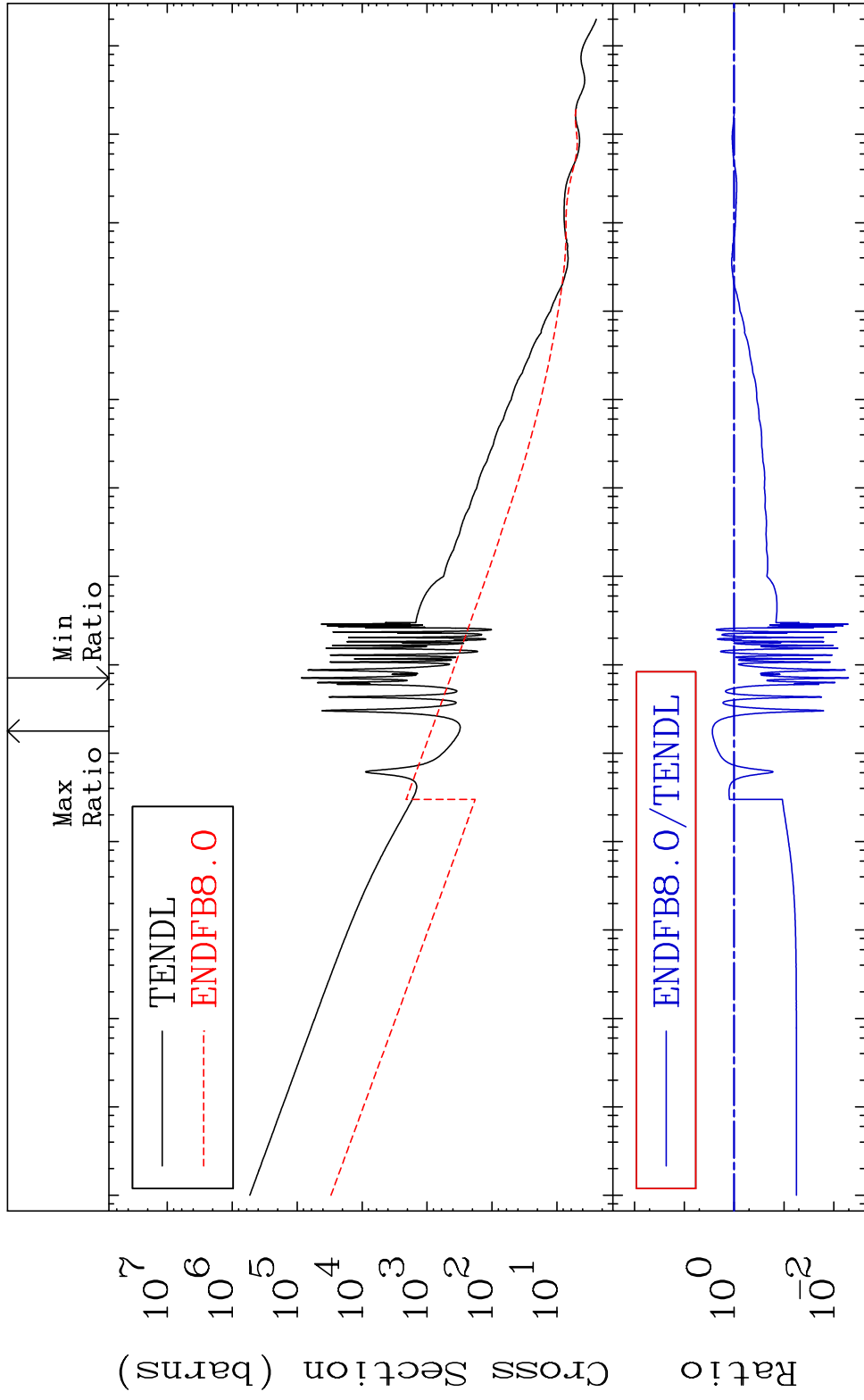
Press Mouse Button to Start

MAT 6634

Total

66-Dy-159

Cross Section -99.49 To 174.0 %



1

Incident Energy (eV)

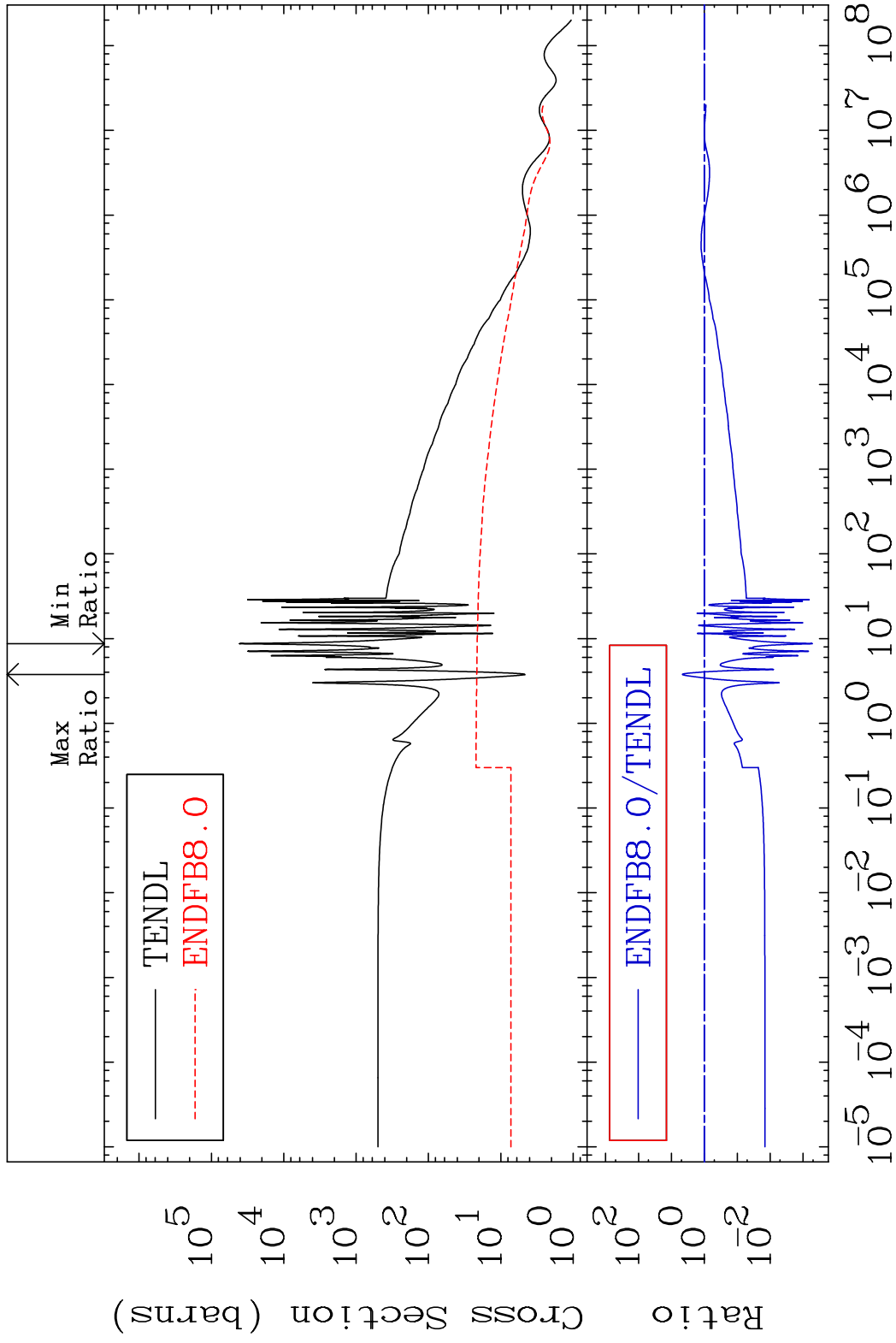
66-Dy-159

MAT 6634

Elastic

66-Dy-159

Cross Section -99.95 To 366.6 %

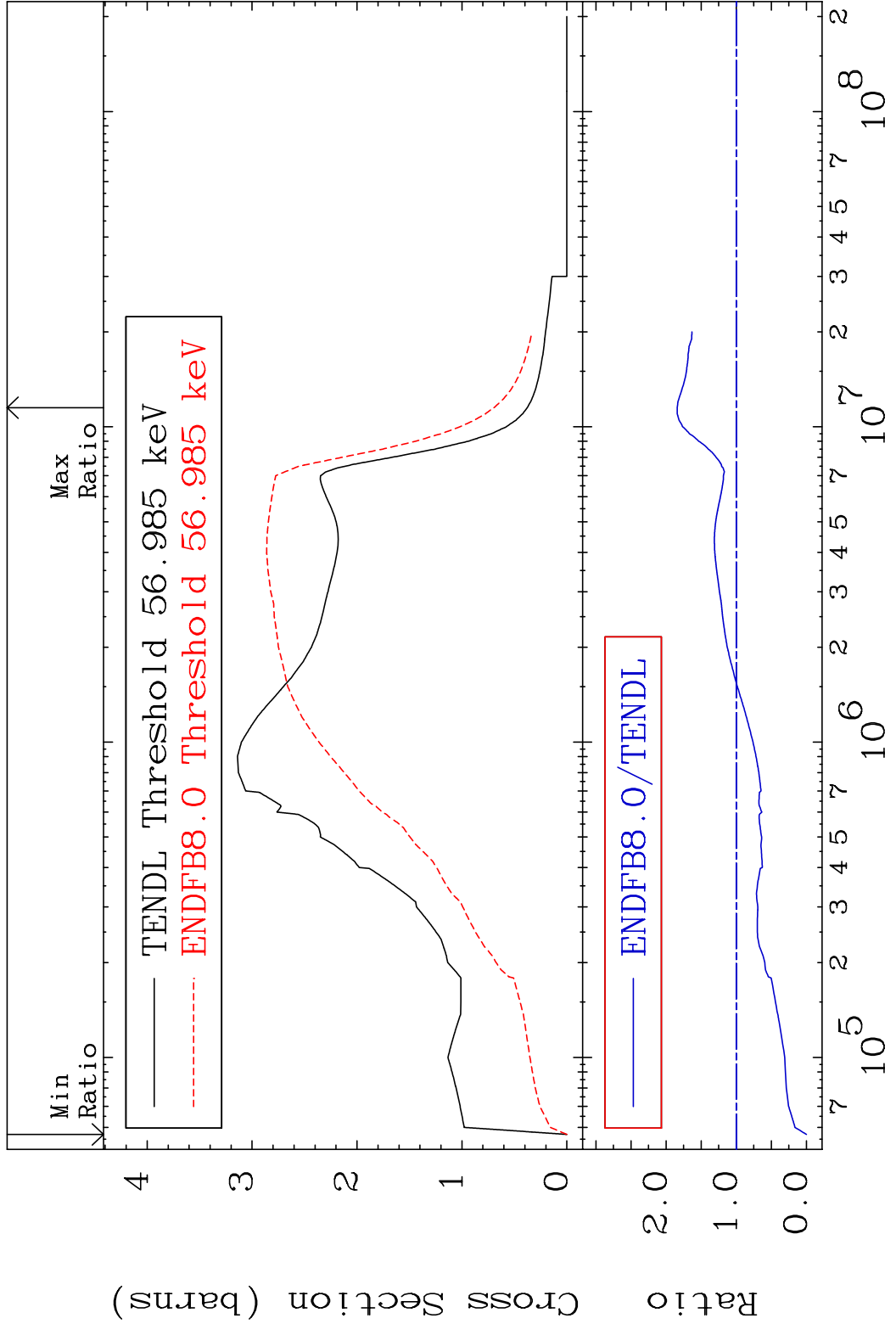


2

Incident Energy (eV)

66-Dy-159

MAT 6634 Inelastic Cross Section -100.0 To 84.22 % 66-Dy-159



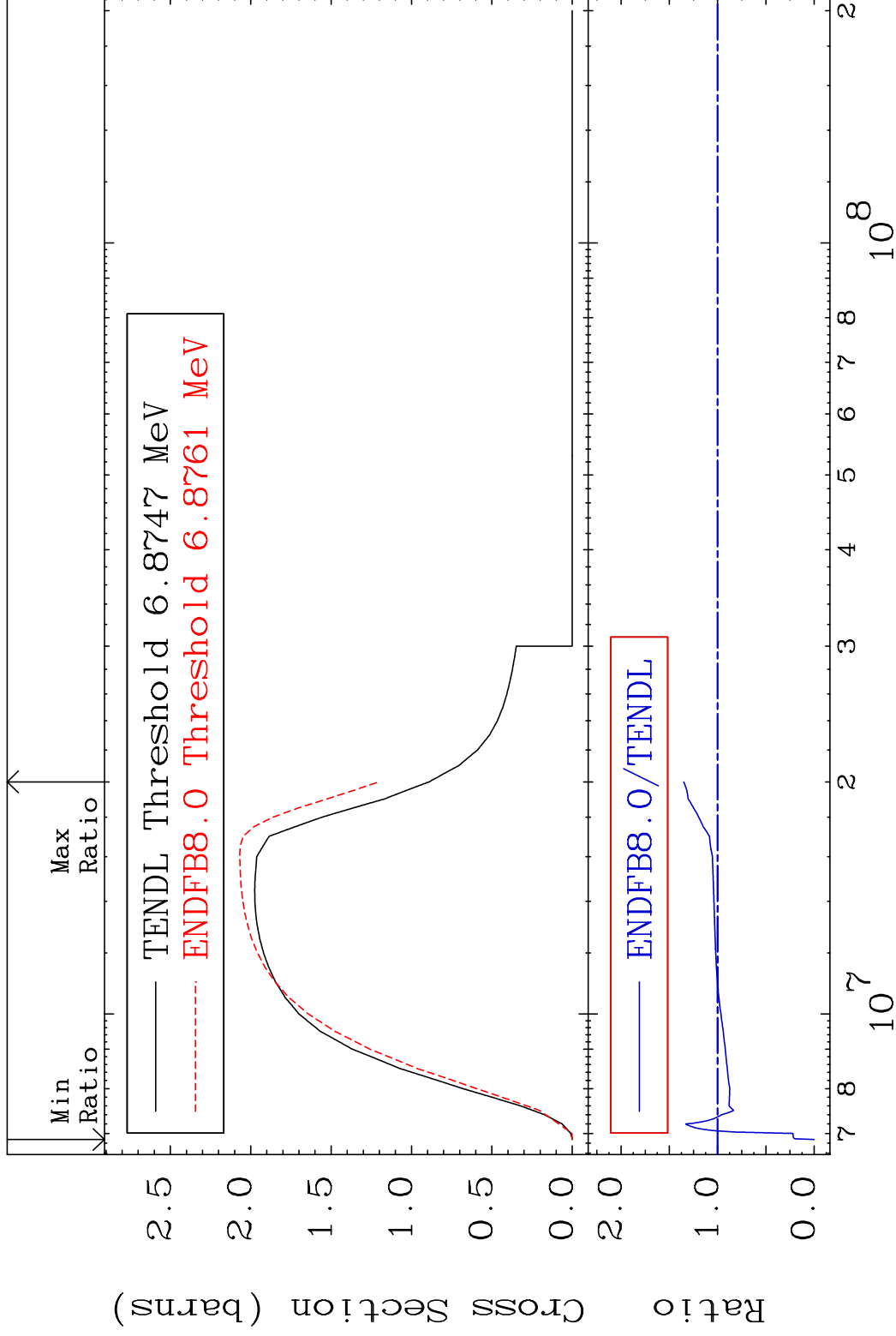
3 Incident Energy (eV) 66-Dy-159

MAT 6634

(n,2n)

66-Dy-159

Cross Section -100.0 To 35.17 %



4

Incident Energy (eV)

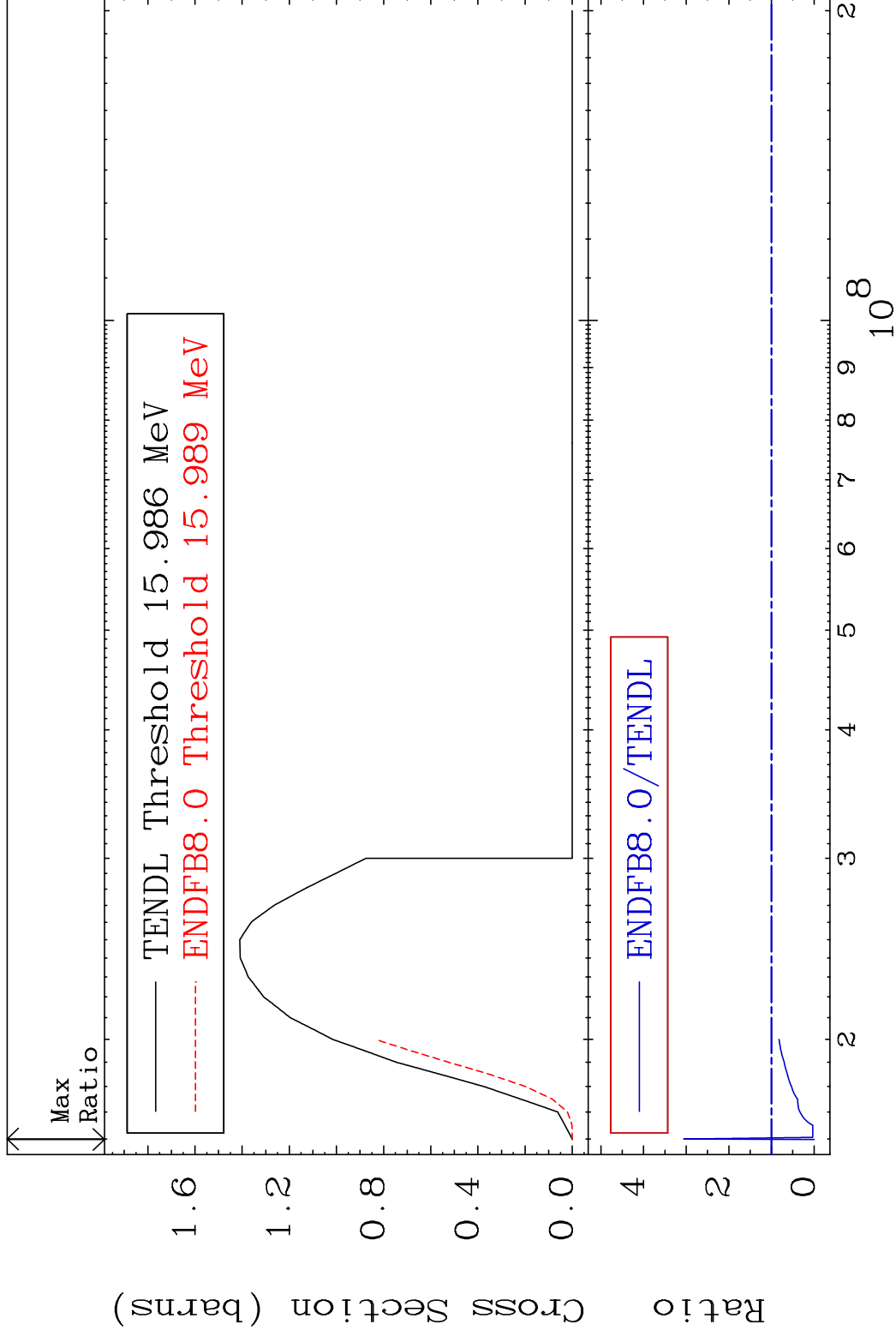
66-Dy-159

MAT 6634

(n,3n)

66-Dy-159

Cross Section -100.0 To 206.0 %



5

Incident Energy (eV)

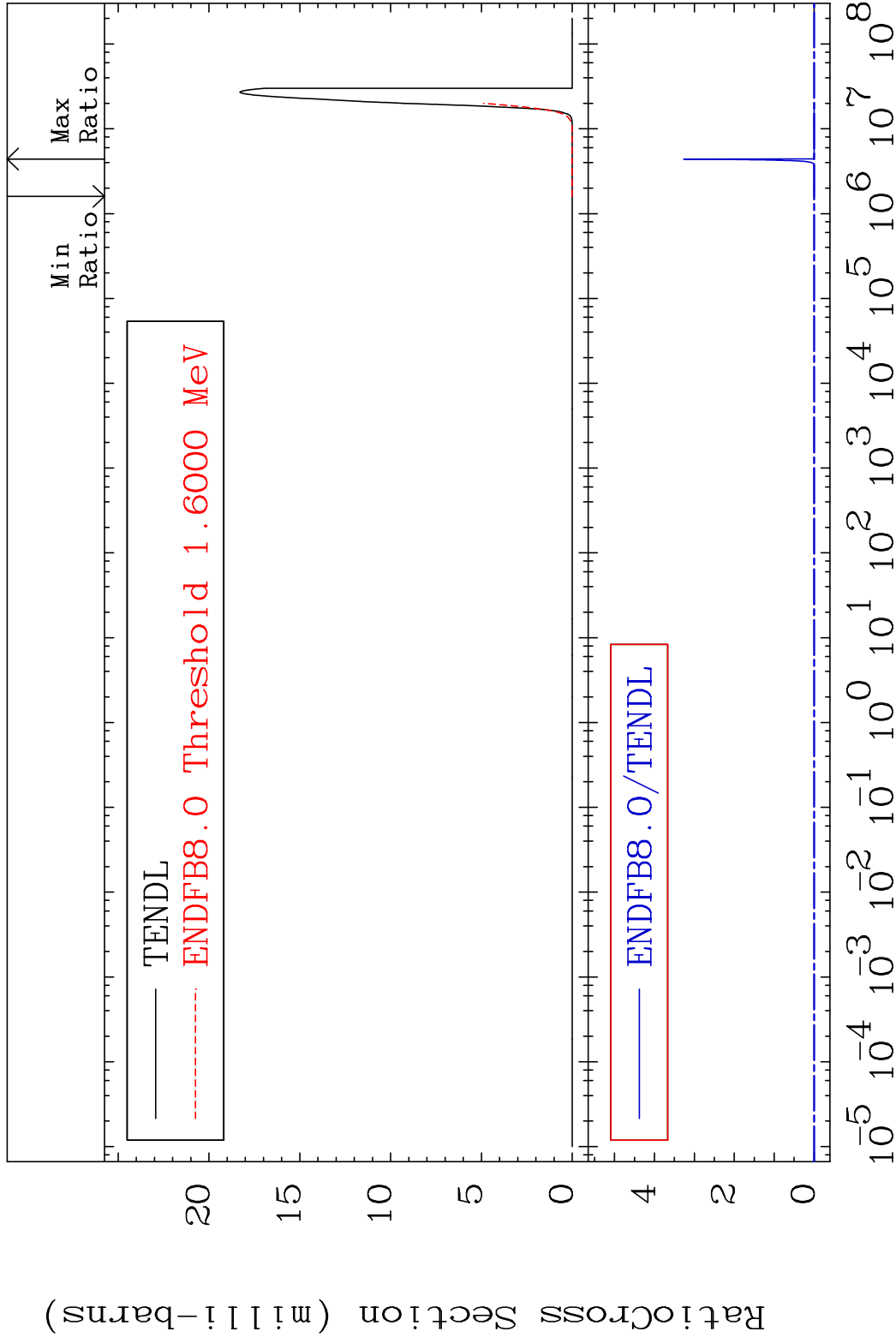
66-Dy-159

MAT 6634

(n, n') α

66-Dy-159

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

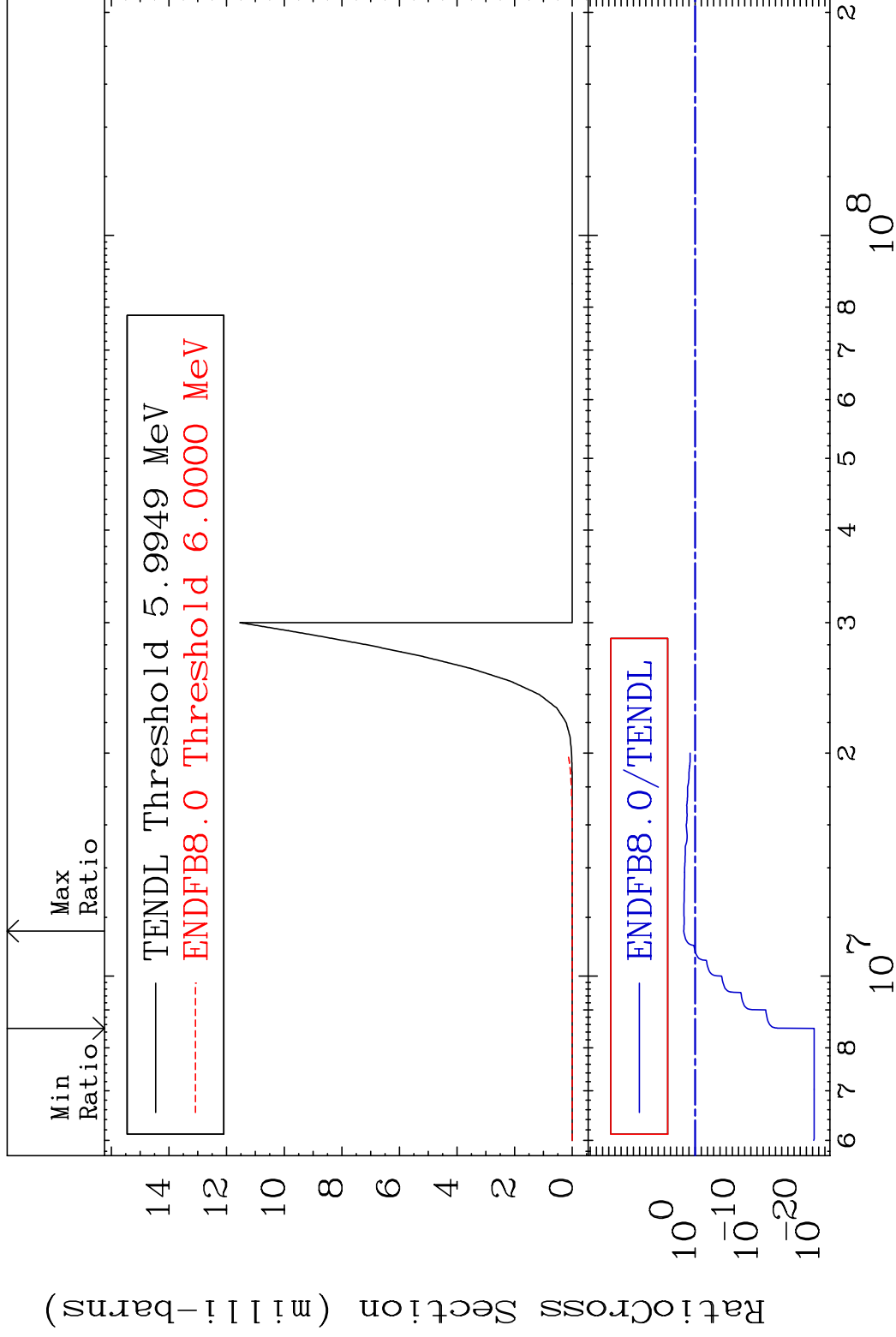
66-Dy-159

MAT 6634

(n,2n) α

66-Dy-159

Cross Section -100.0 To 7344. %



7

Incident Energy (eV)

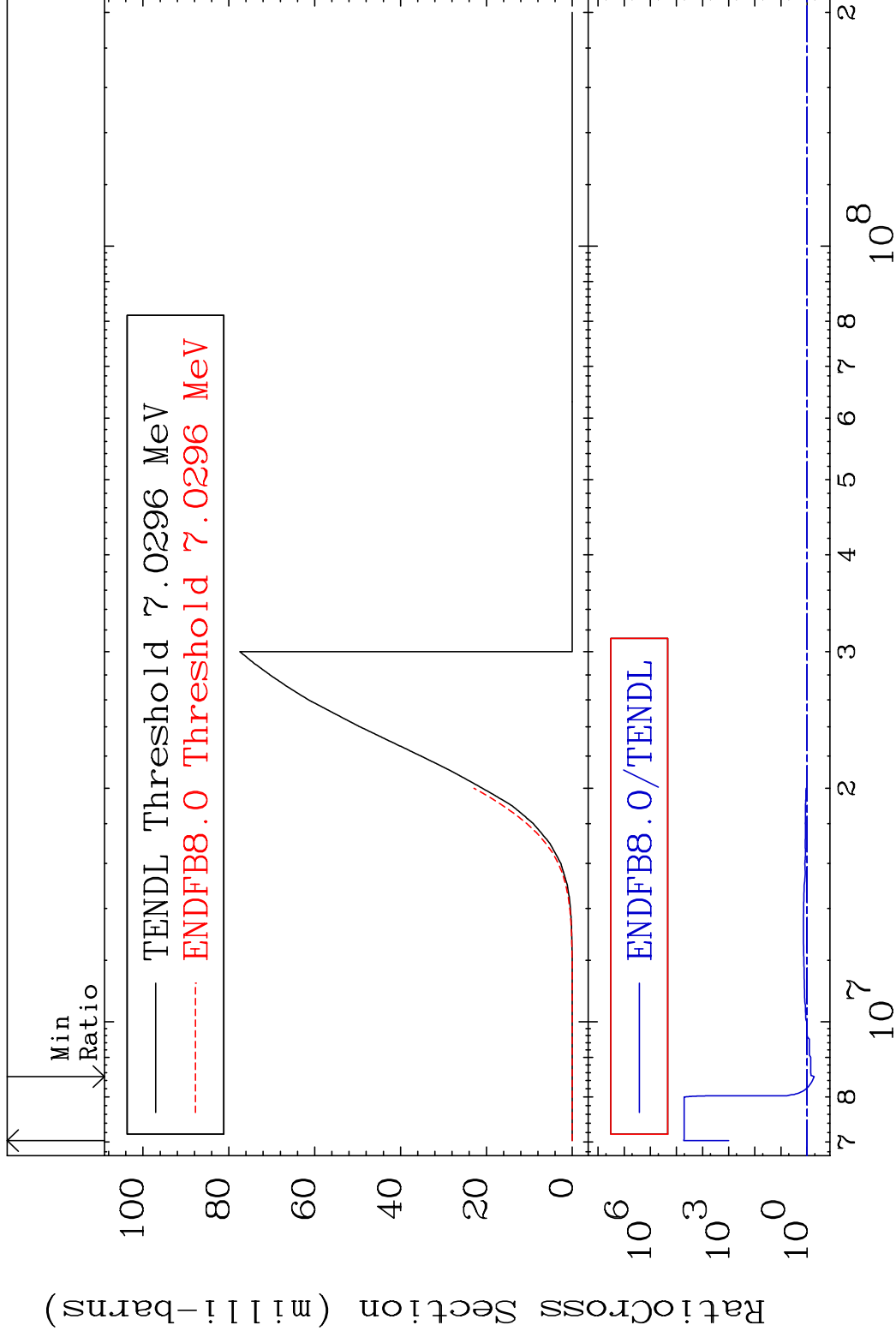
66-Dy-159

MAT 6634

(n, n') p

66-Dy-159

Cross Section -46.17 To 9999. %



8

Incident Energy (eV)

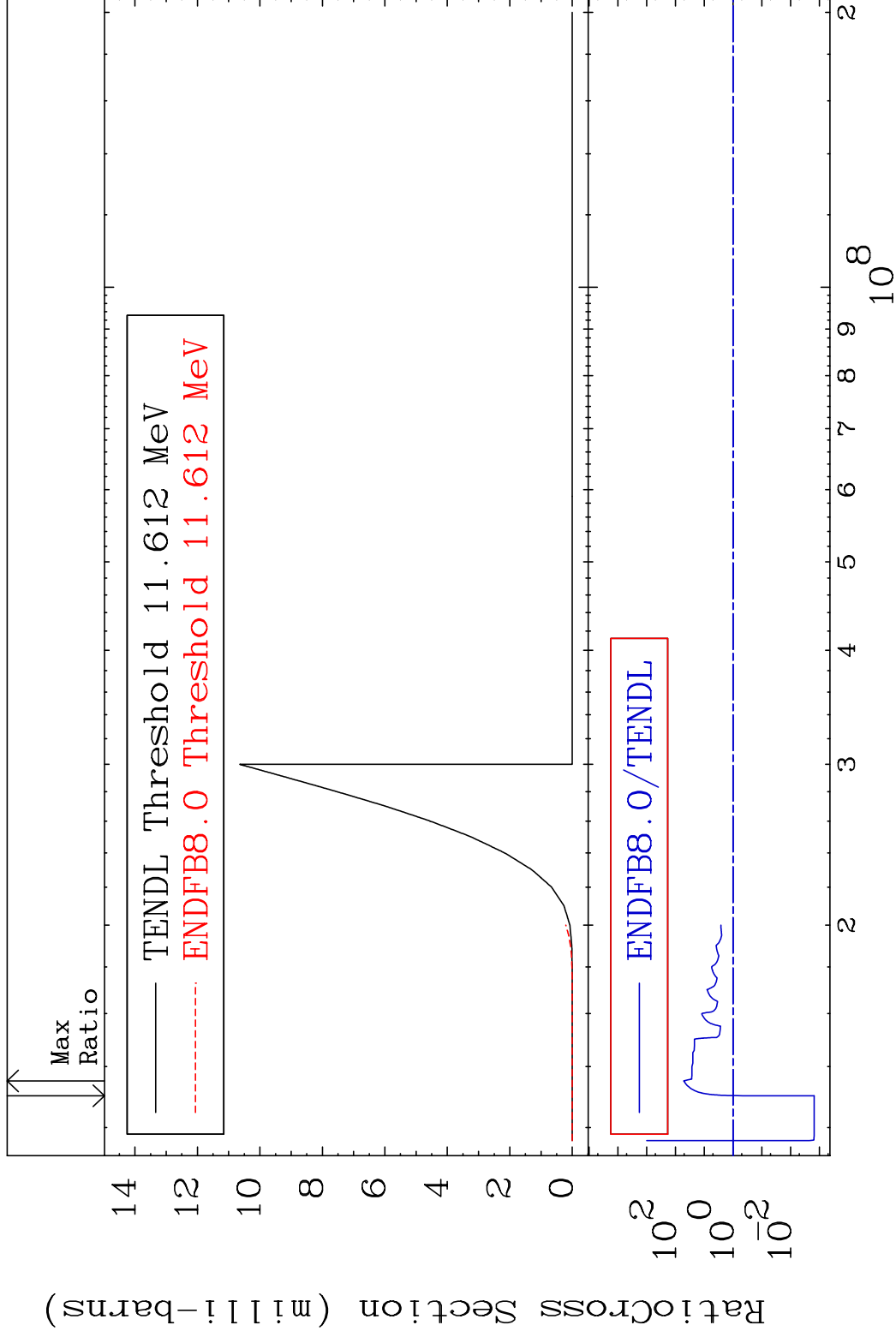
66-Dy-159

MAT 6634

(n, n') d

66-Dy-159

Cross Section -99.85 To 5114. %

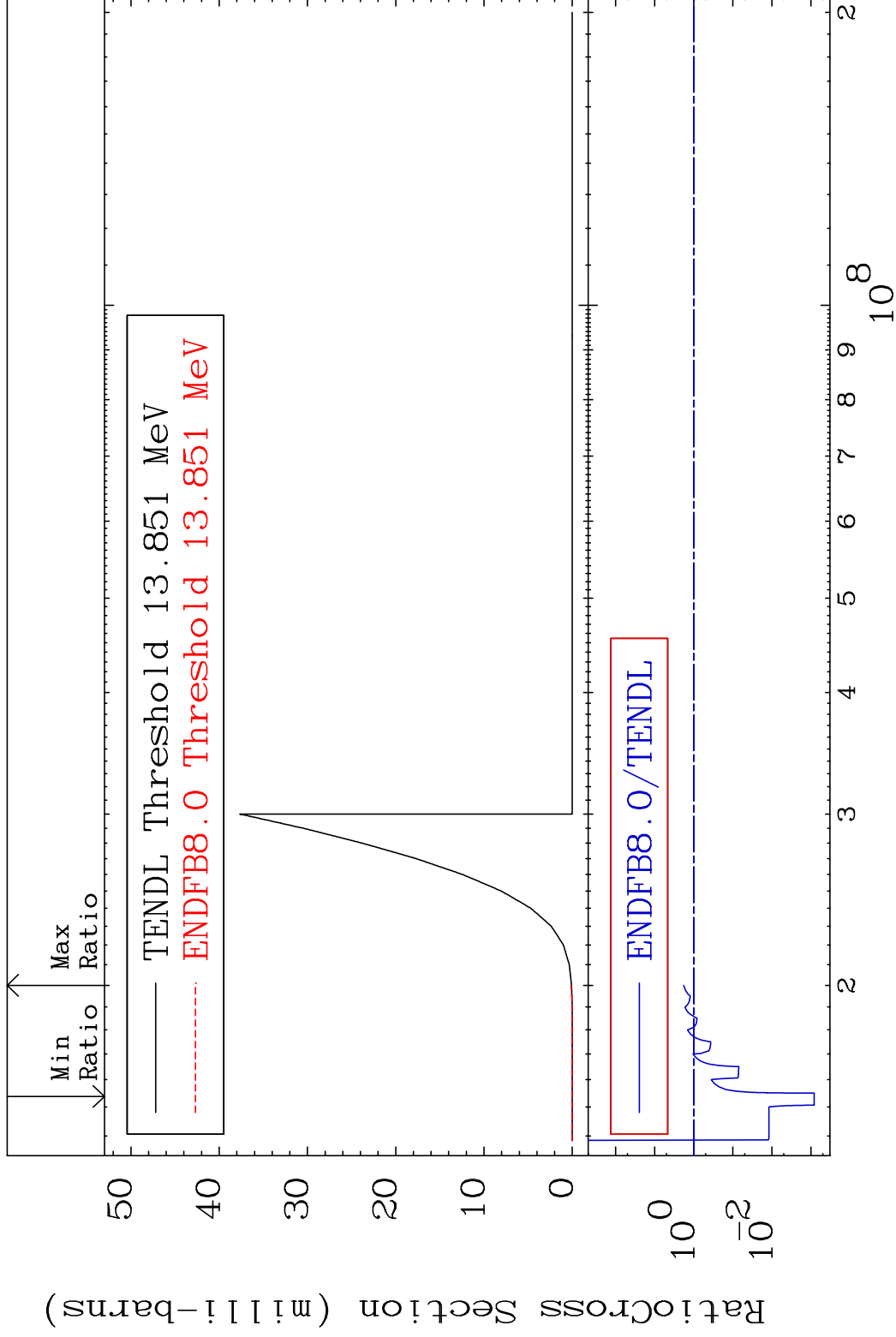


MAT 6634

(n,2n) p

66-Dy-159

Cross Section -99.92 To 81.29 %

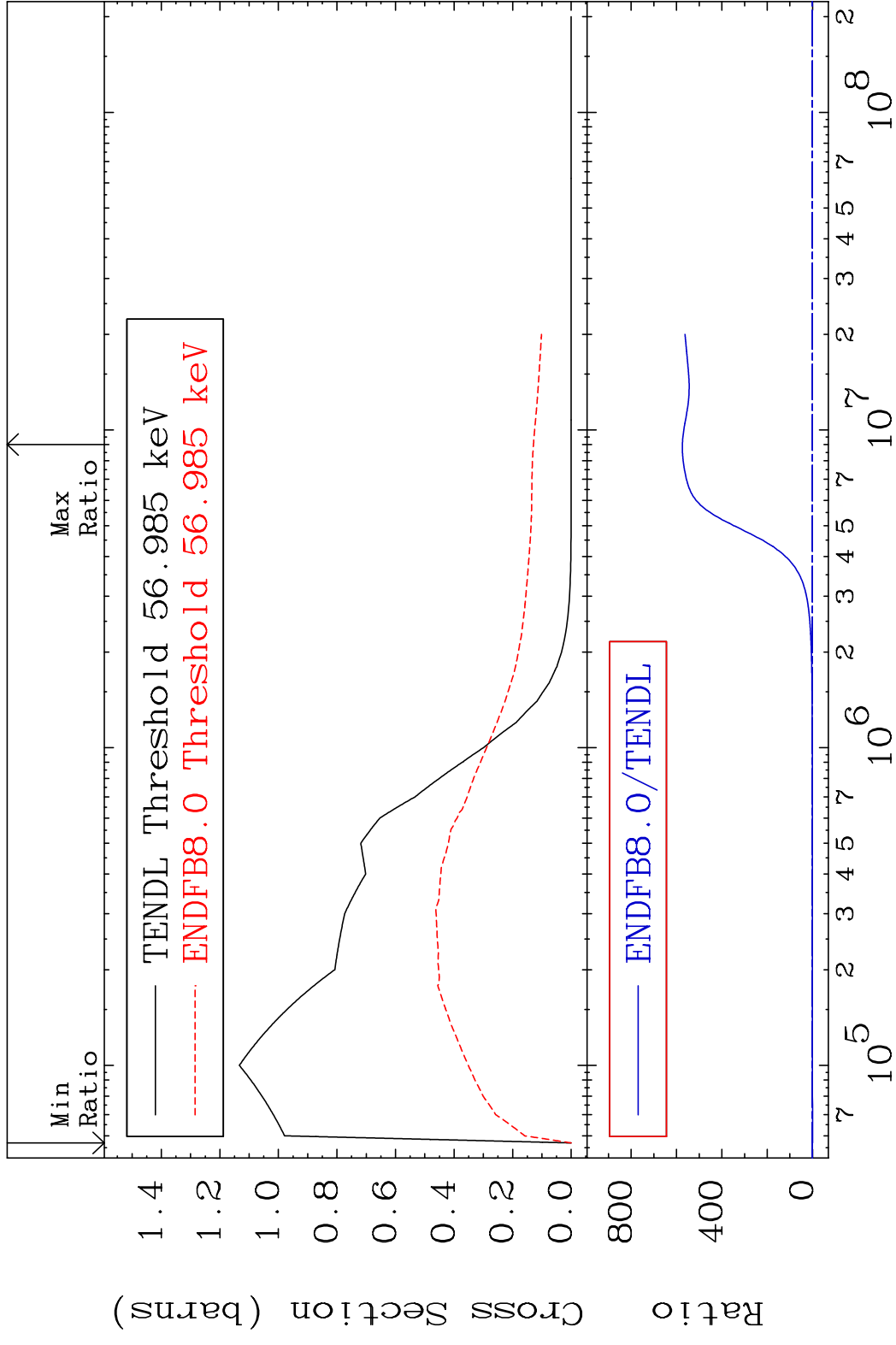


10

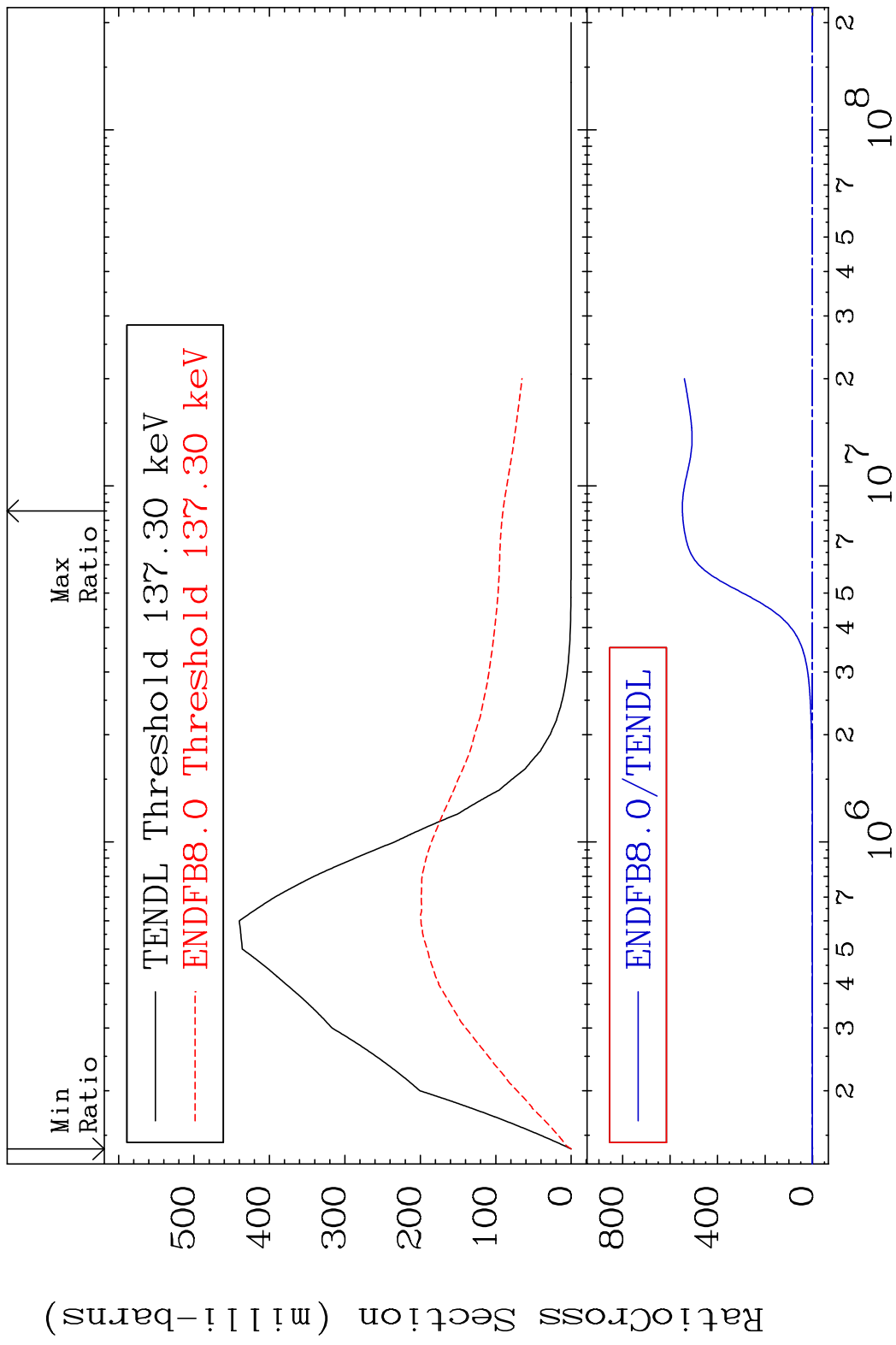
Incident Energy (eV)

66-Dy-159

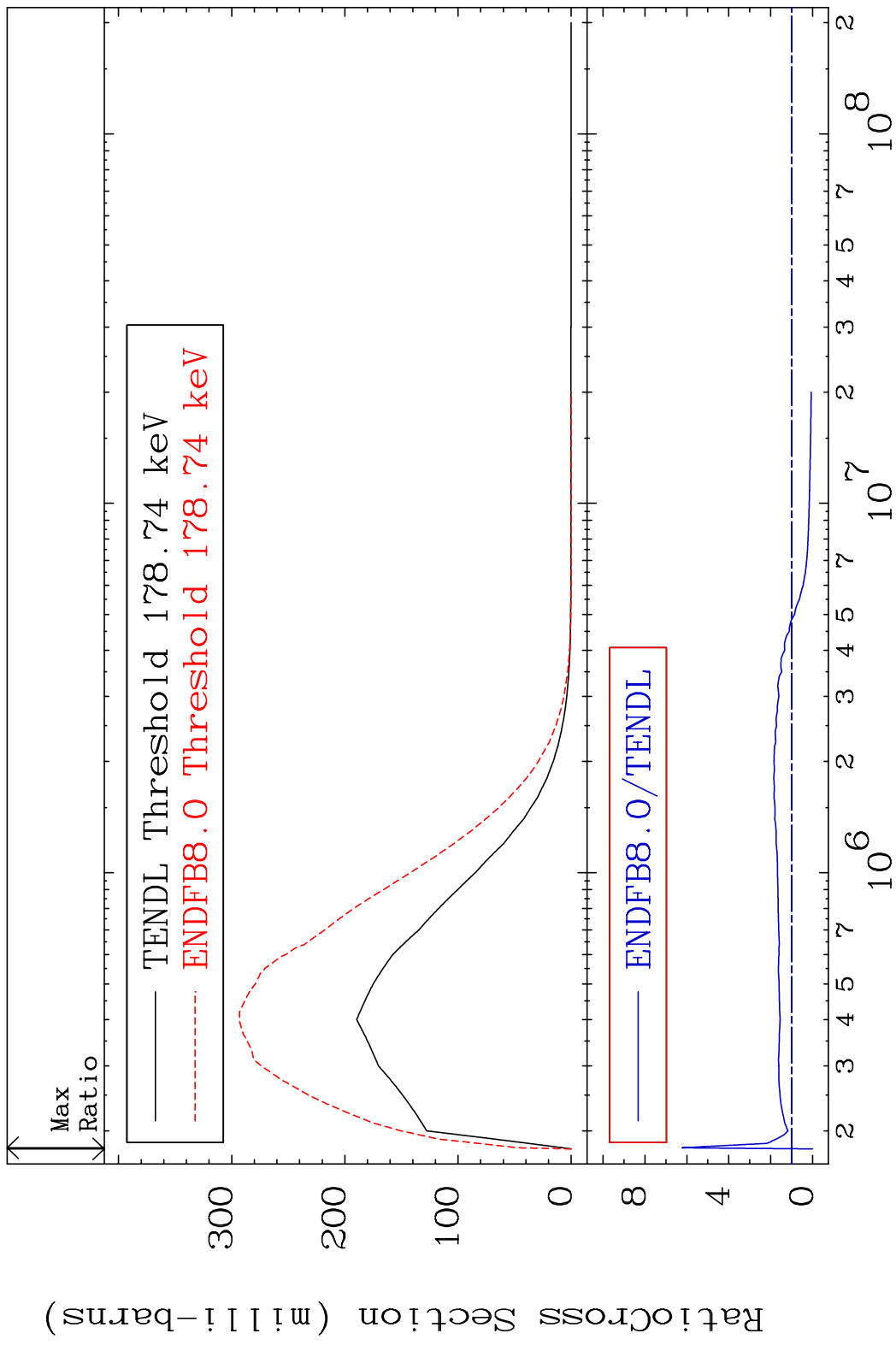
MAT 6634 MT= 51 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 9999. %



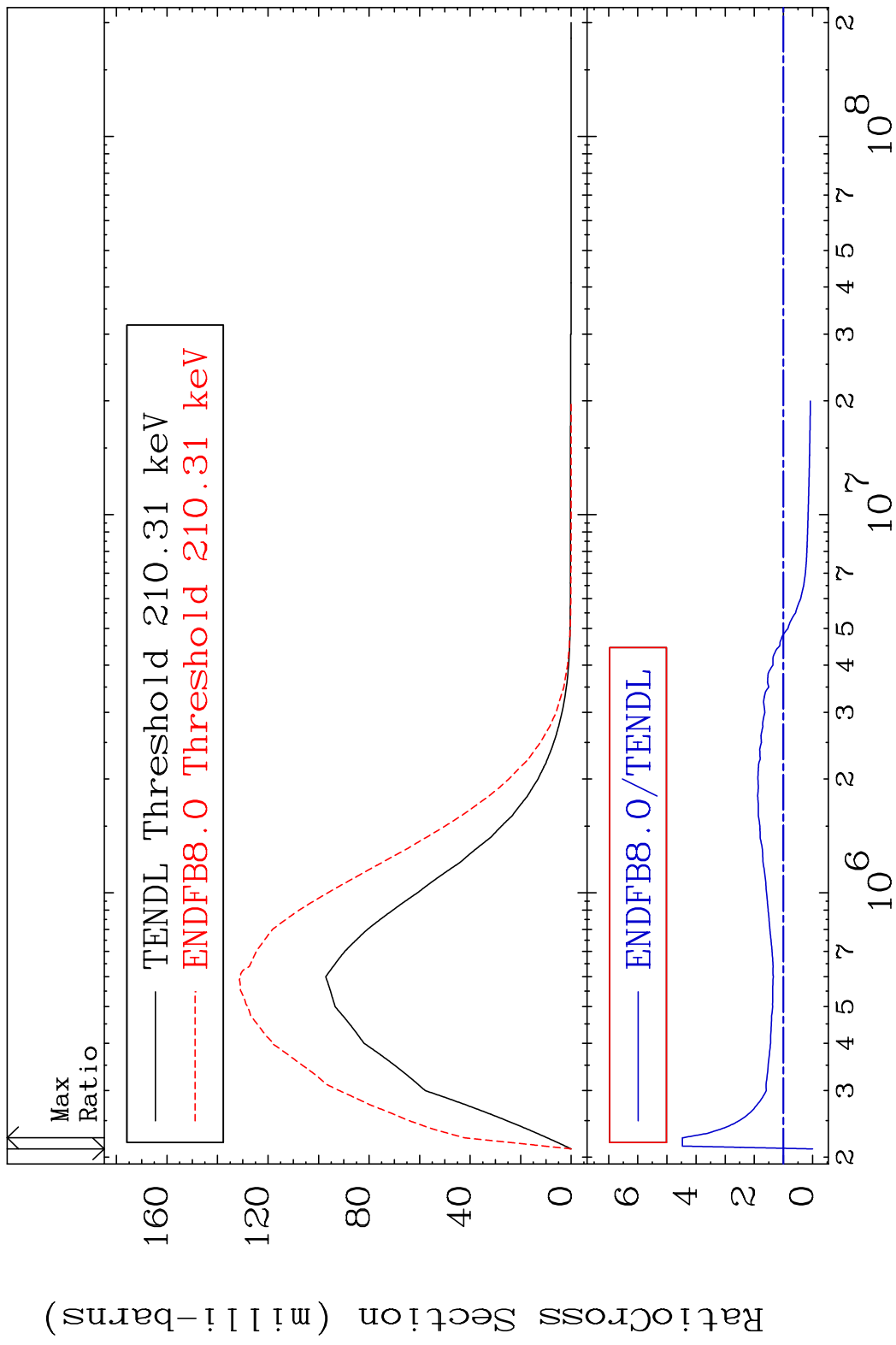
MAT 6634 MT= 52 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 9999. %



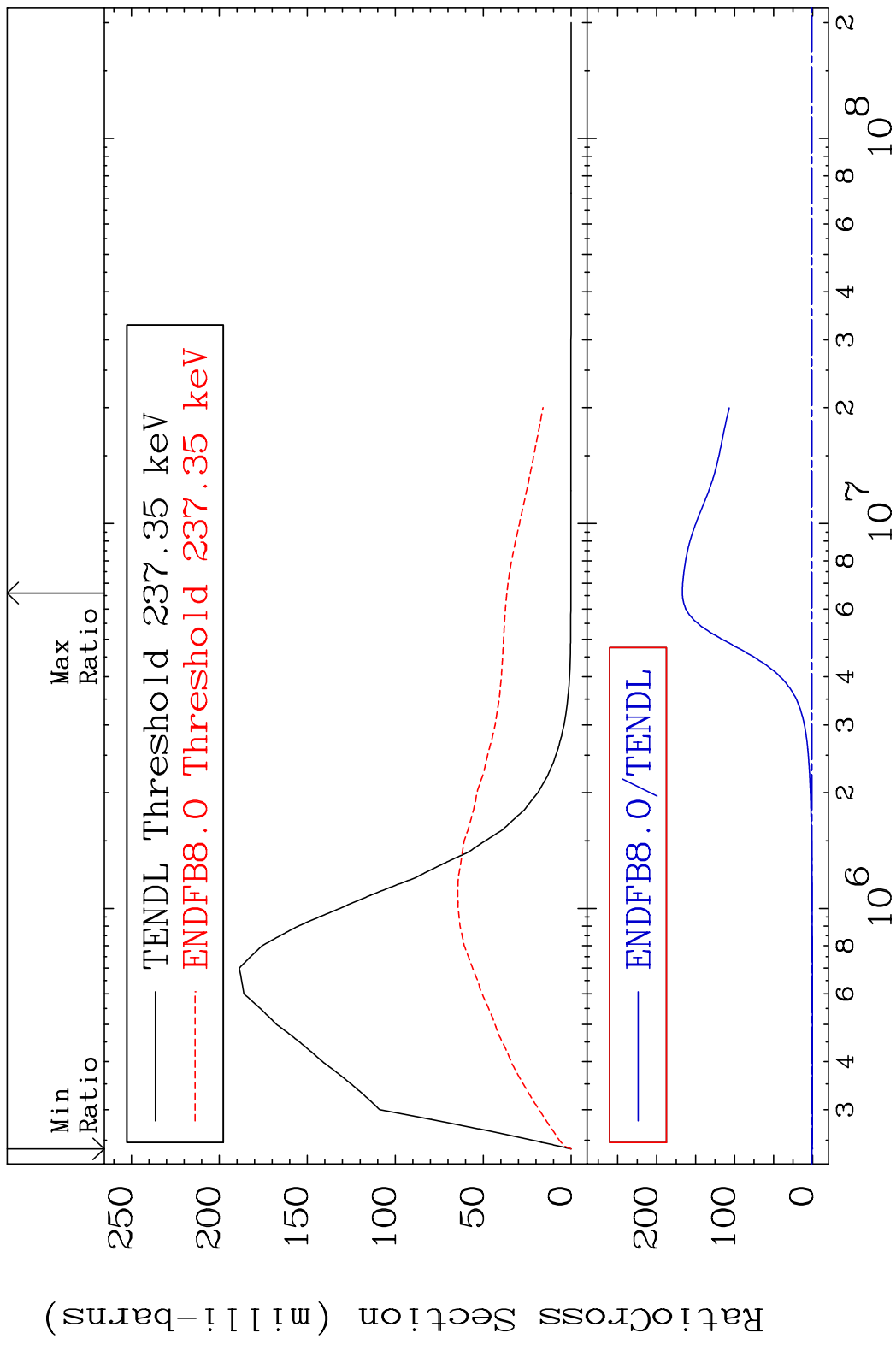
MAT 6634 MT= 53 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 521.4 %



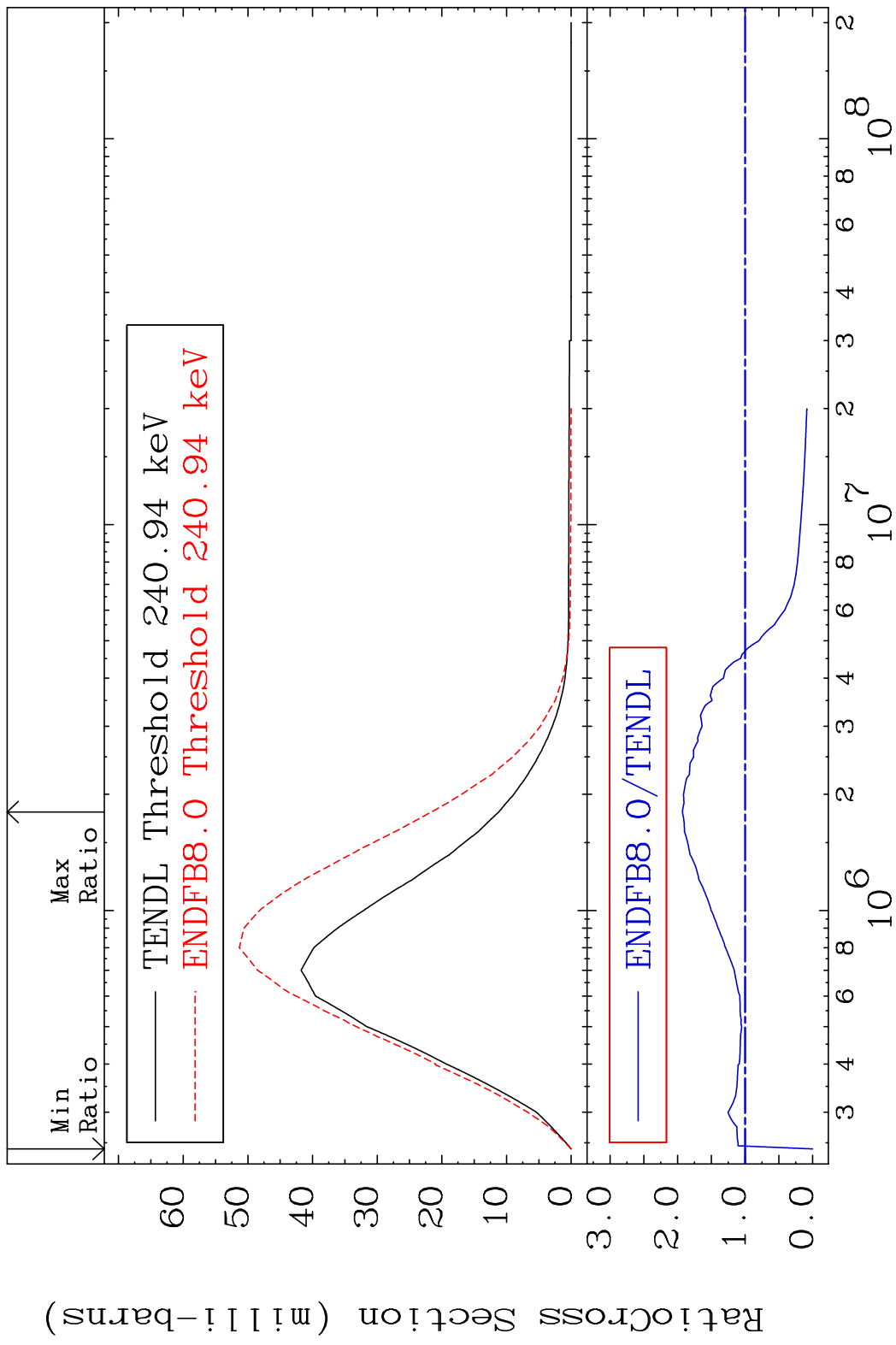
MAT 6634 MT= 54 (n,n') Level 66-Dy-159
 Cross Section -100.0 To 347.0 %



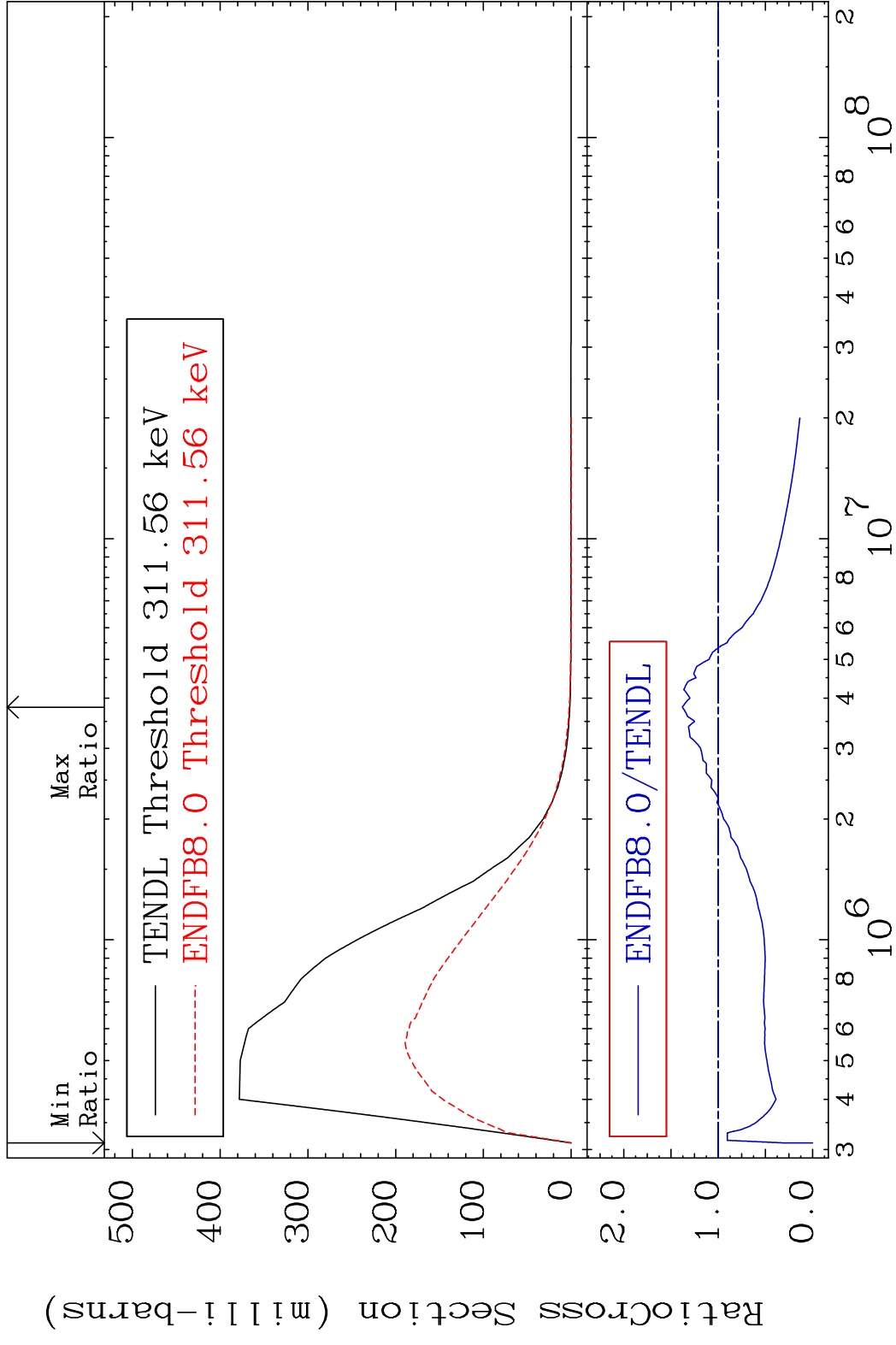
MAT 6634 MT= 55 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 9999. %



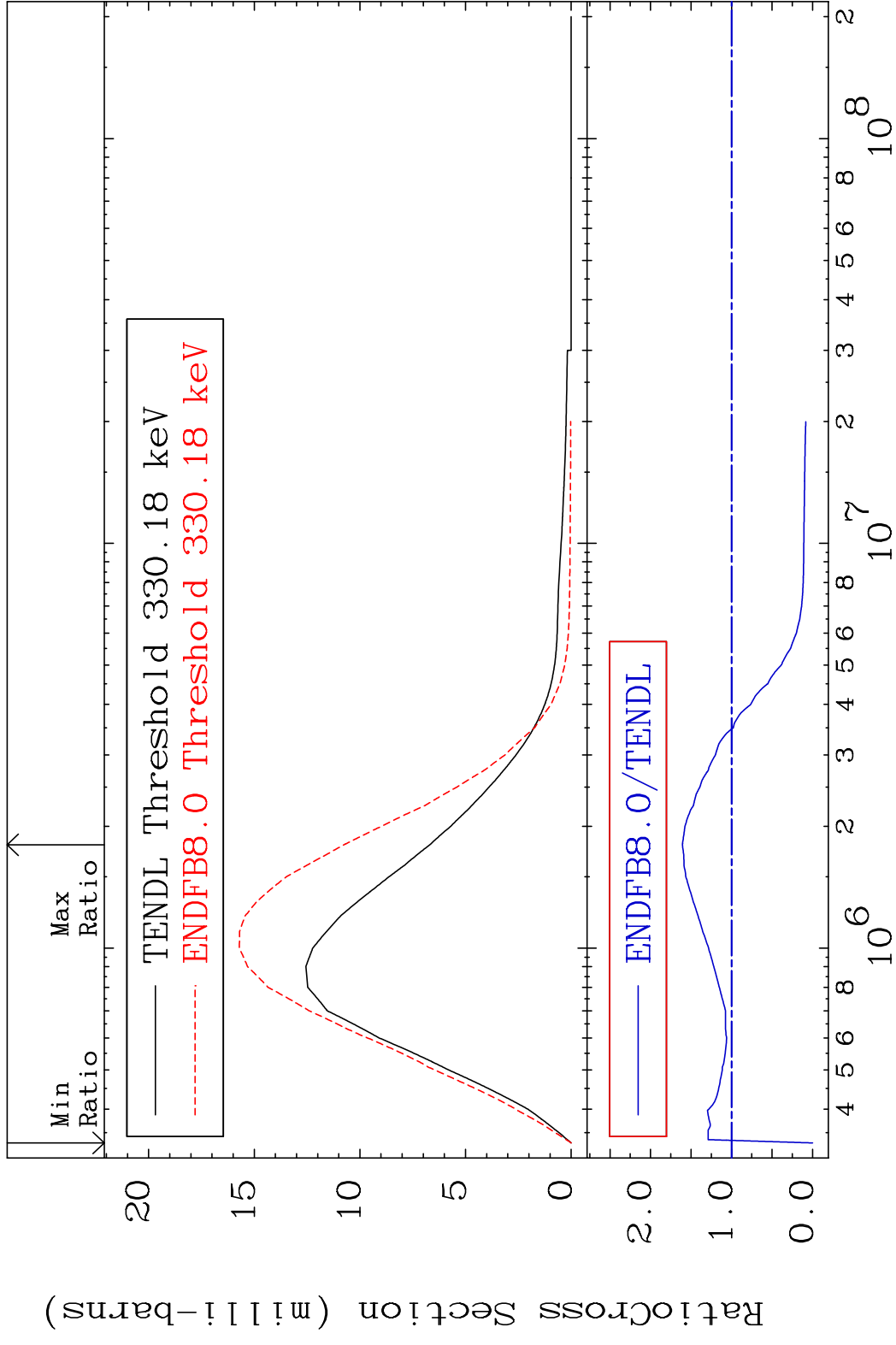
MAT 6634 MT= 56 (n,n') Level 66-Dy-159
 Cross Section -100.0 To 92.93 %



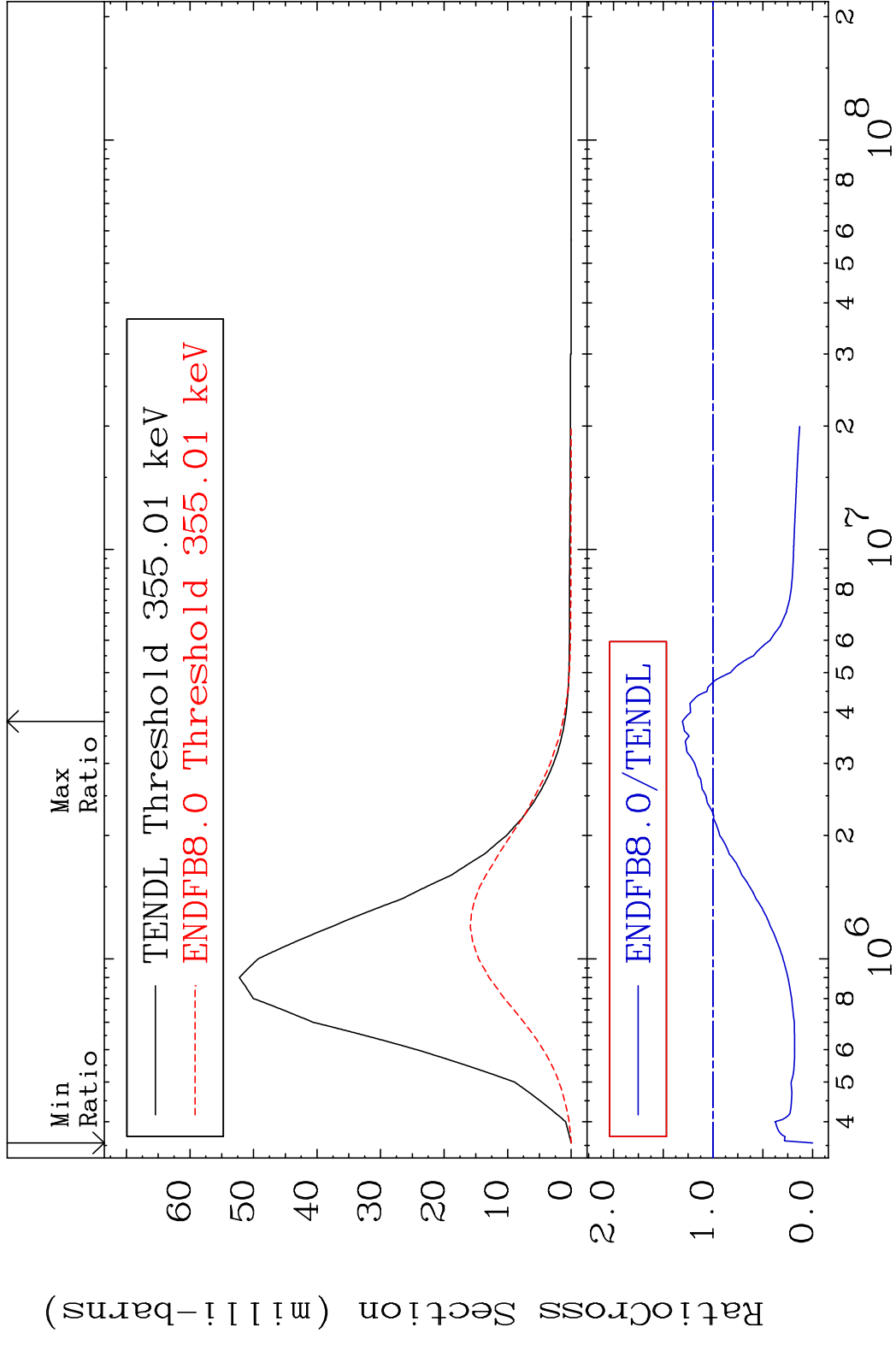
MAT 6634 MT= 57 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 37.90 %



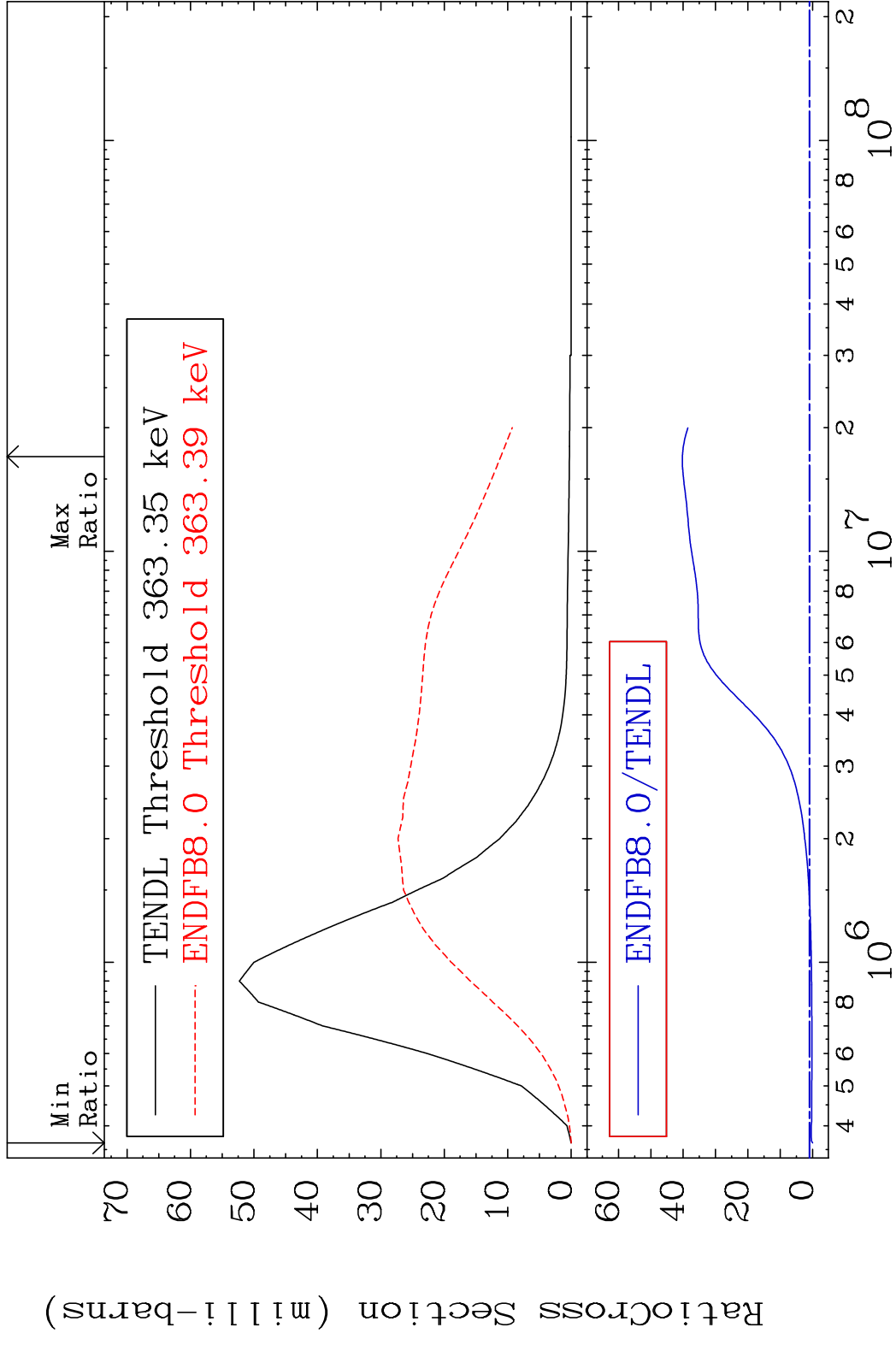
MAT 6634 MT= 58 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 60.71 %



MAT 6634 MT= 59 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 30.81 %

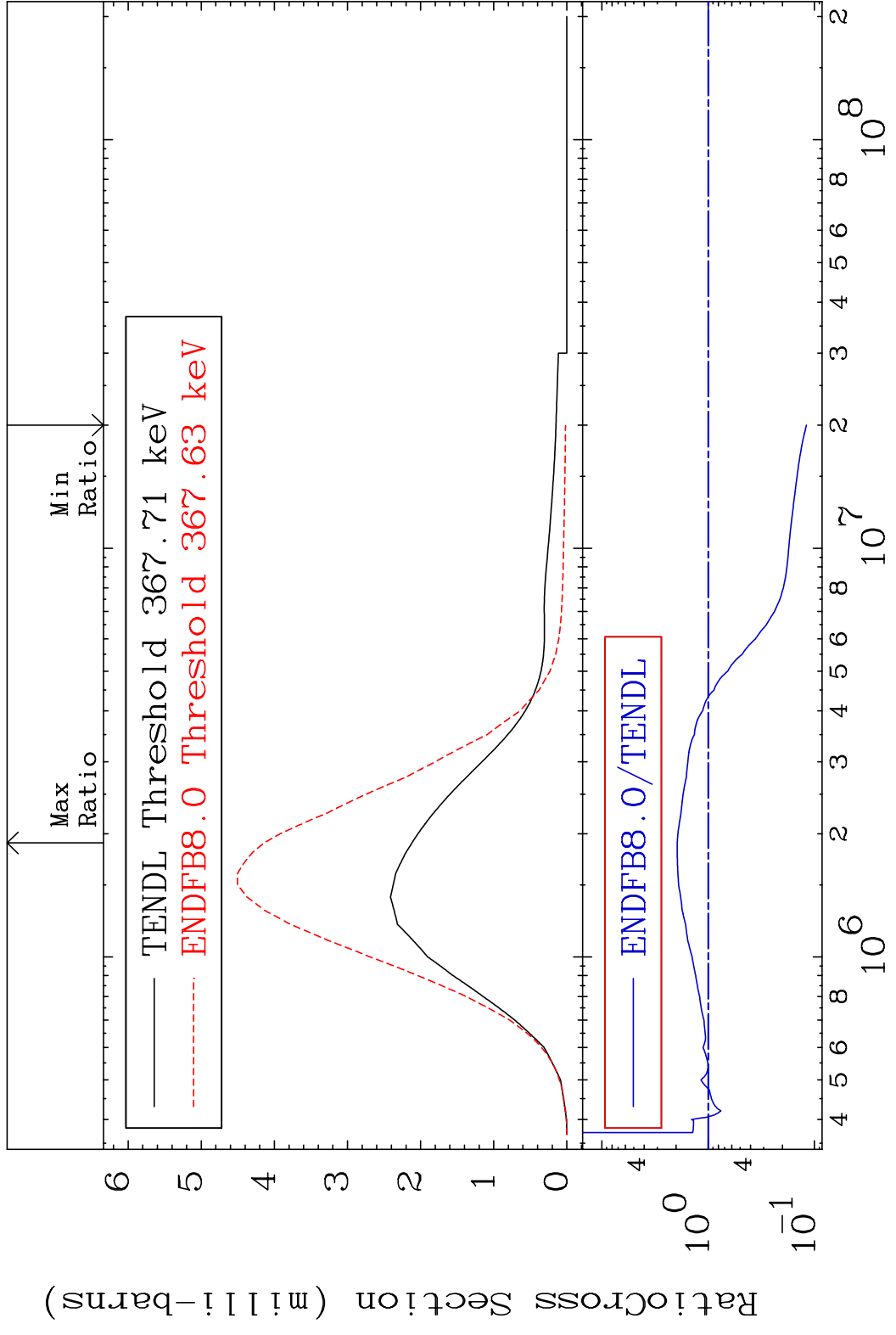


MAT 6634 MT= 60 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 3925. %

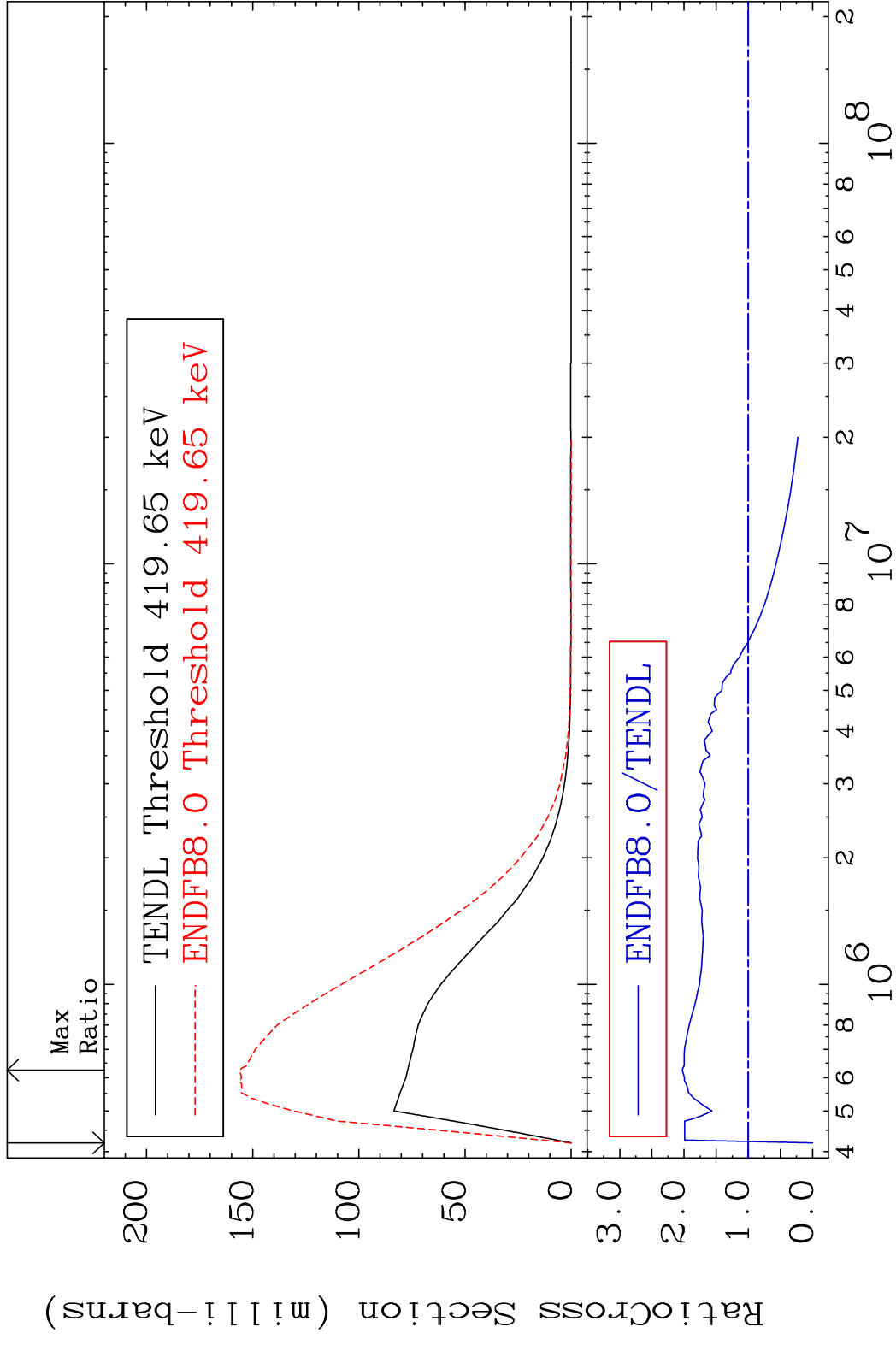


20 Incident Energy (eV) 66-Dy-159

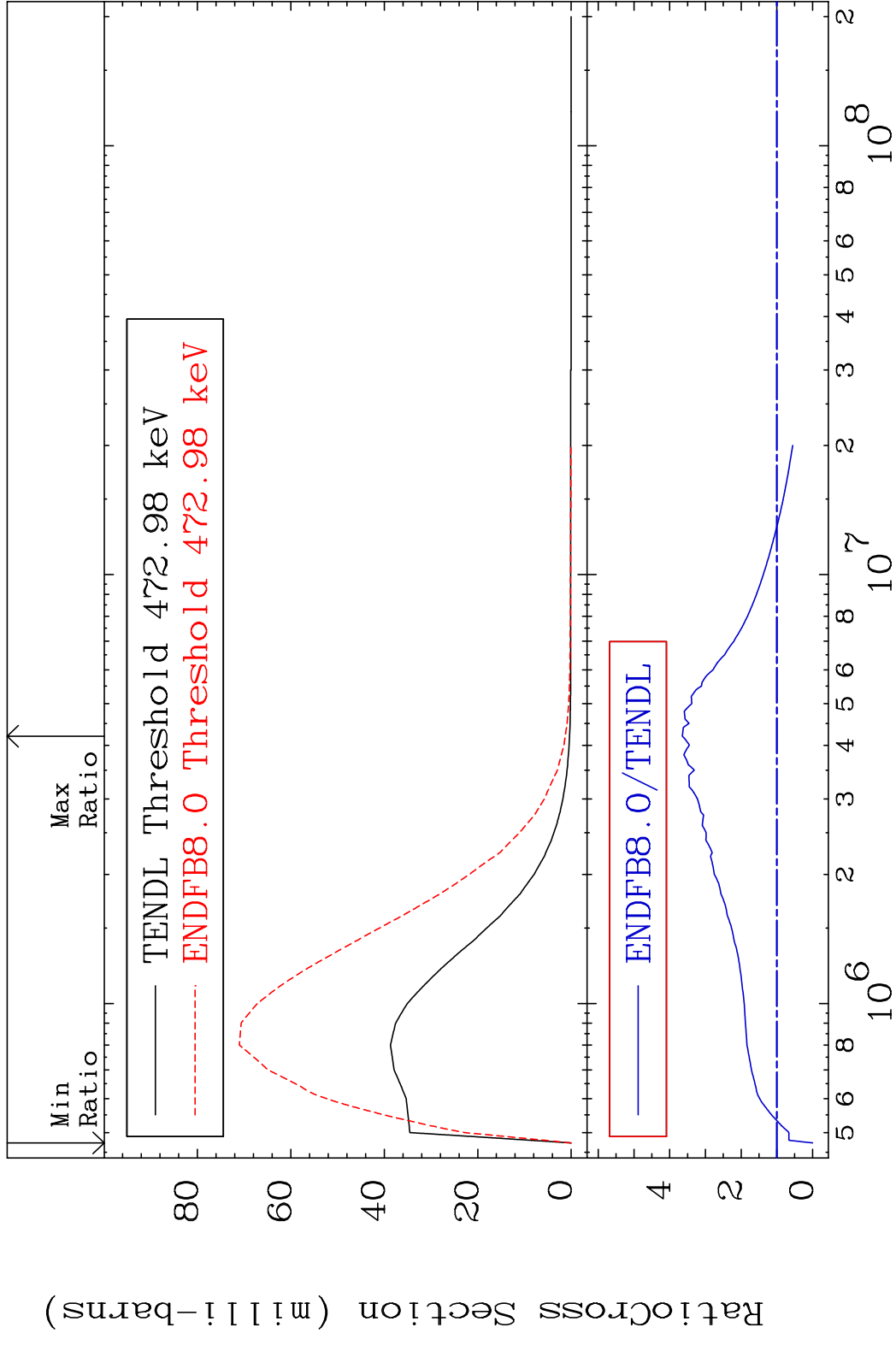
MAT 6634 MT= 61 (n,n') Level 66-Dy-159
 Cross Section -88.09 To 95.40 %



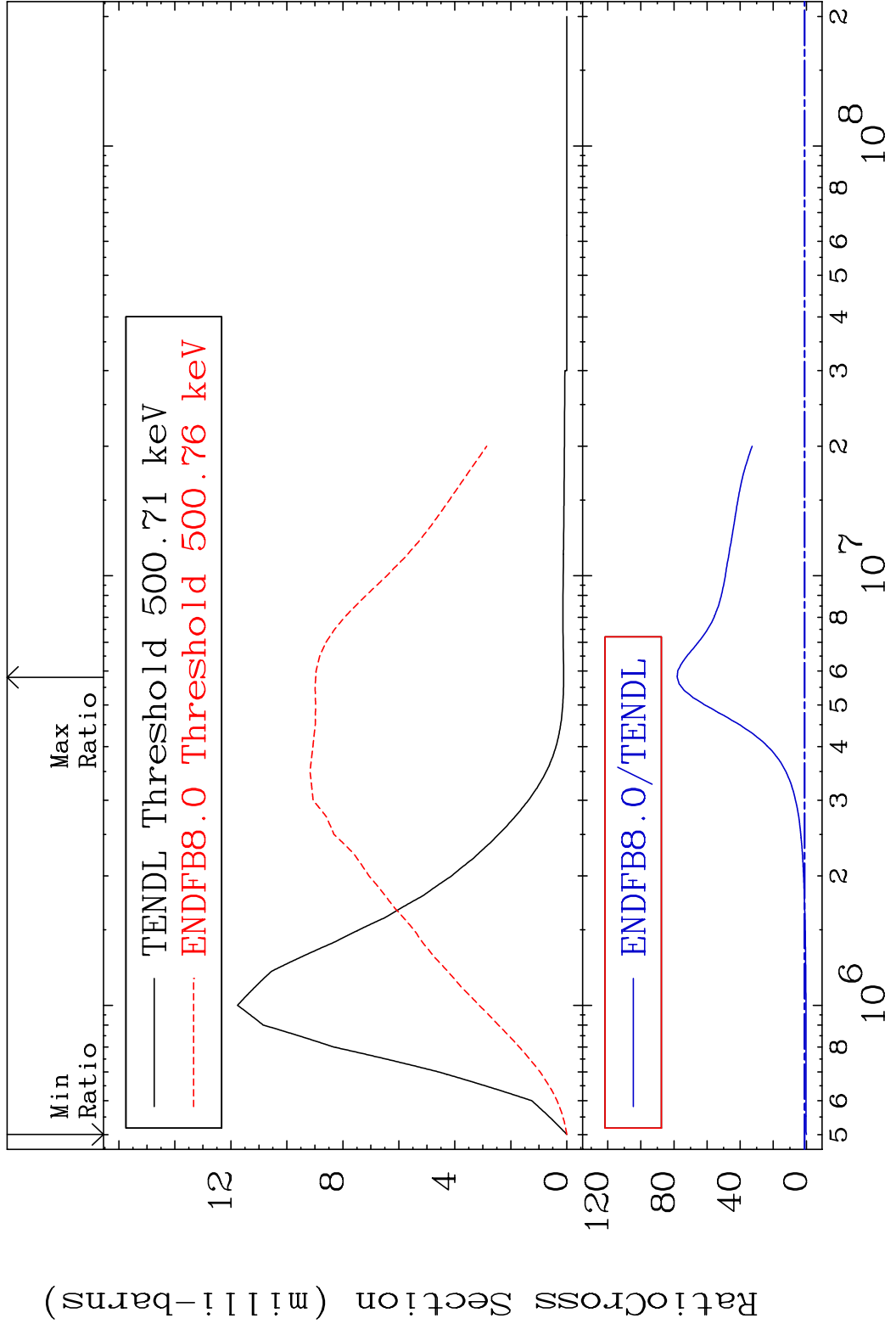
MAT 6634 MT= 63 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 102.6 %



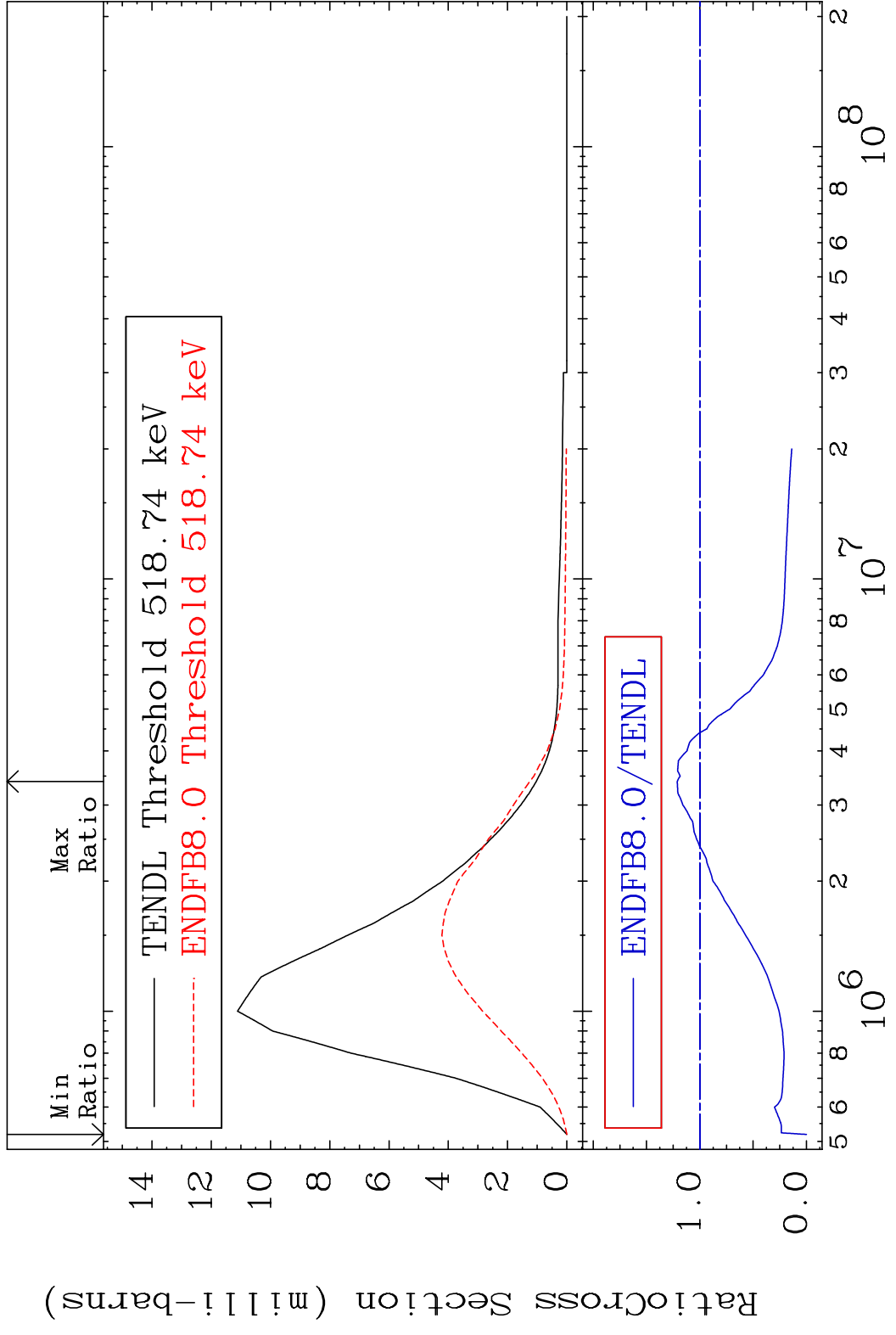
MAT 6634 MT= 64 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 264.6 %



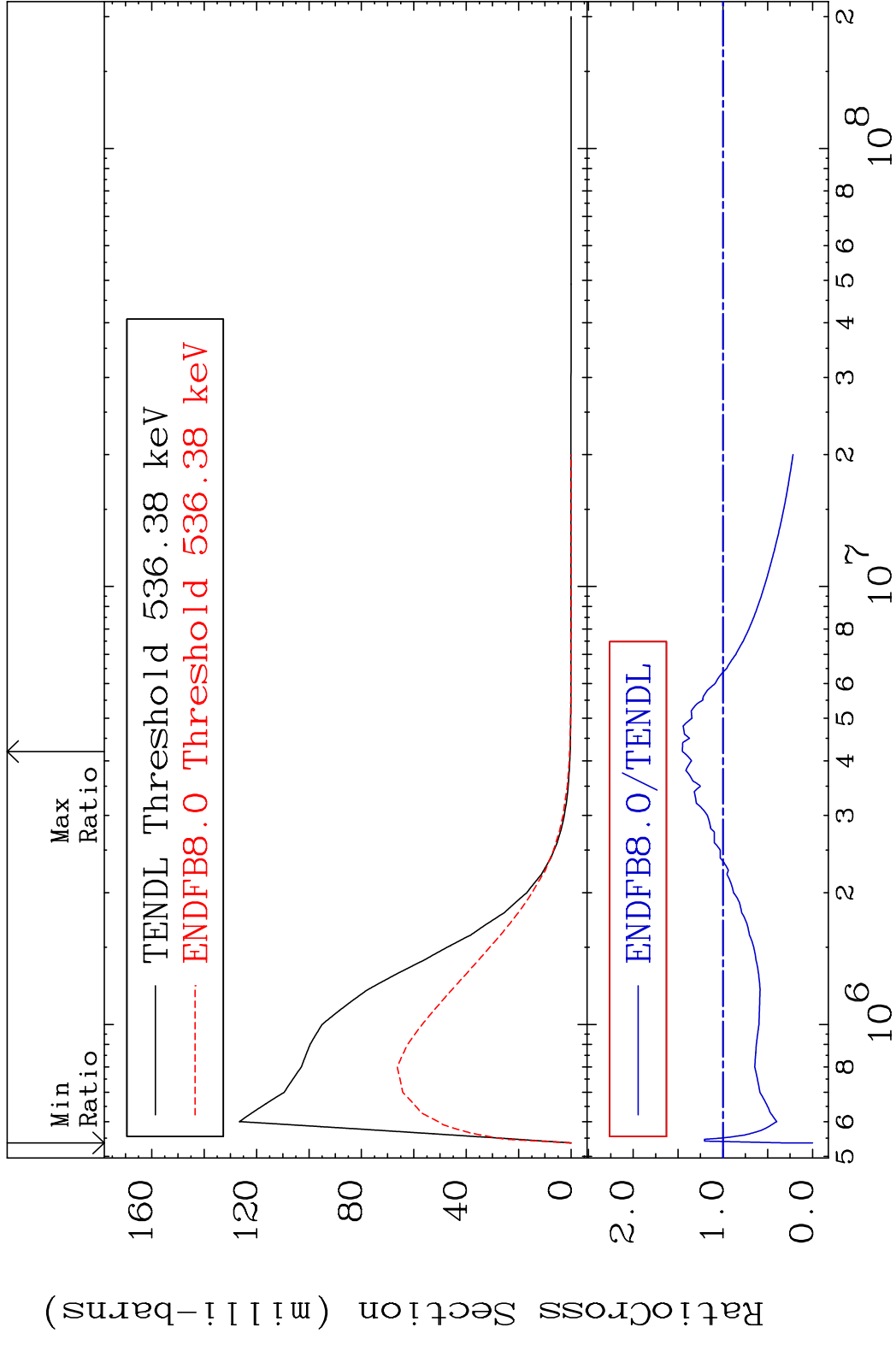
MAT 6634 MT= 65 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 7705. %



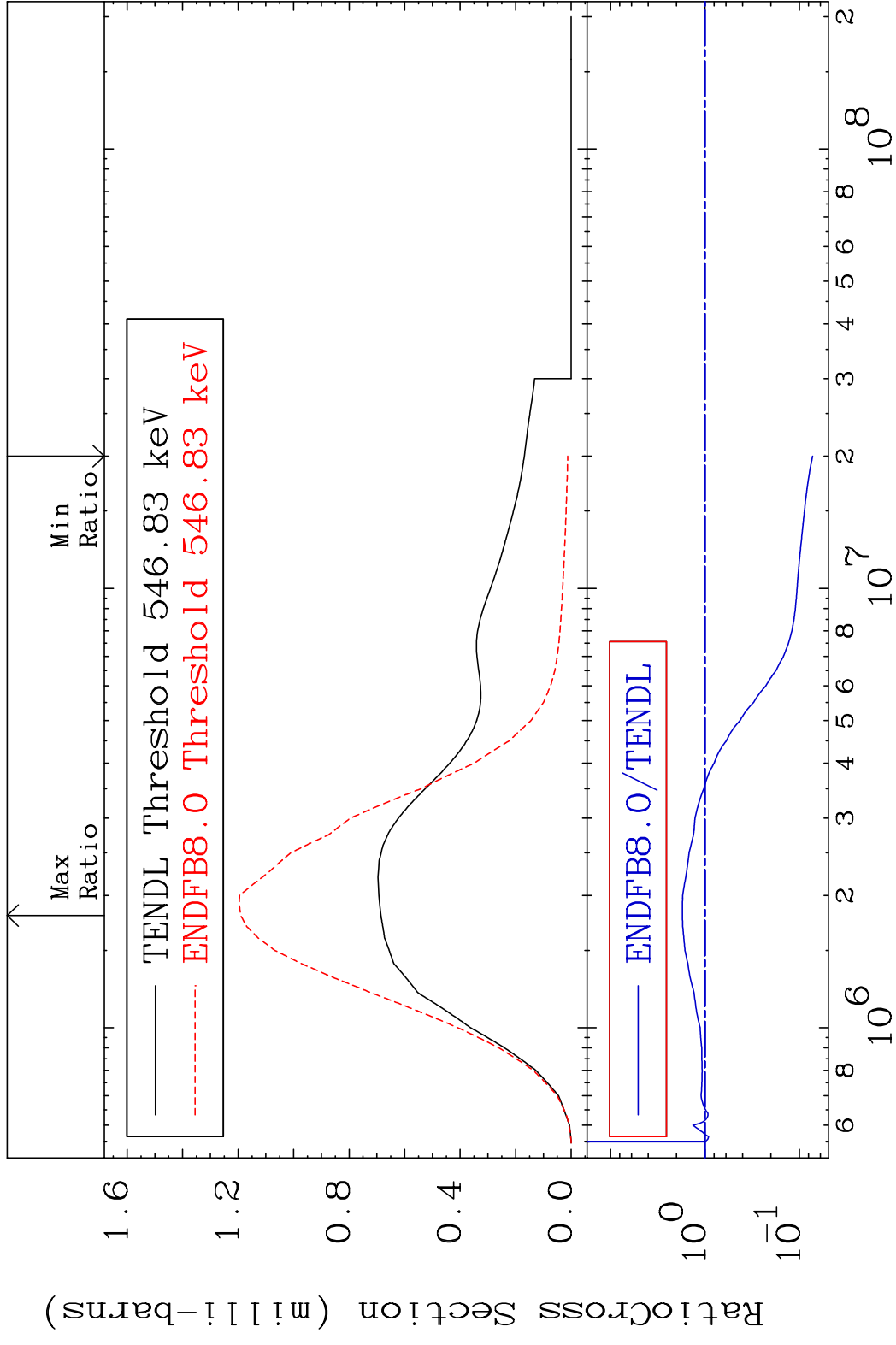
MAT 6634 MT= 67 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 21.23 %



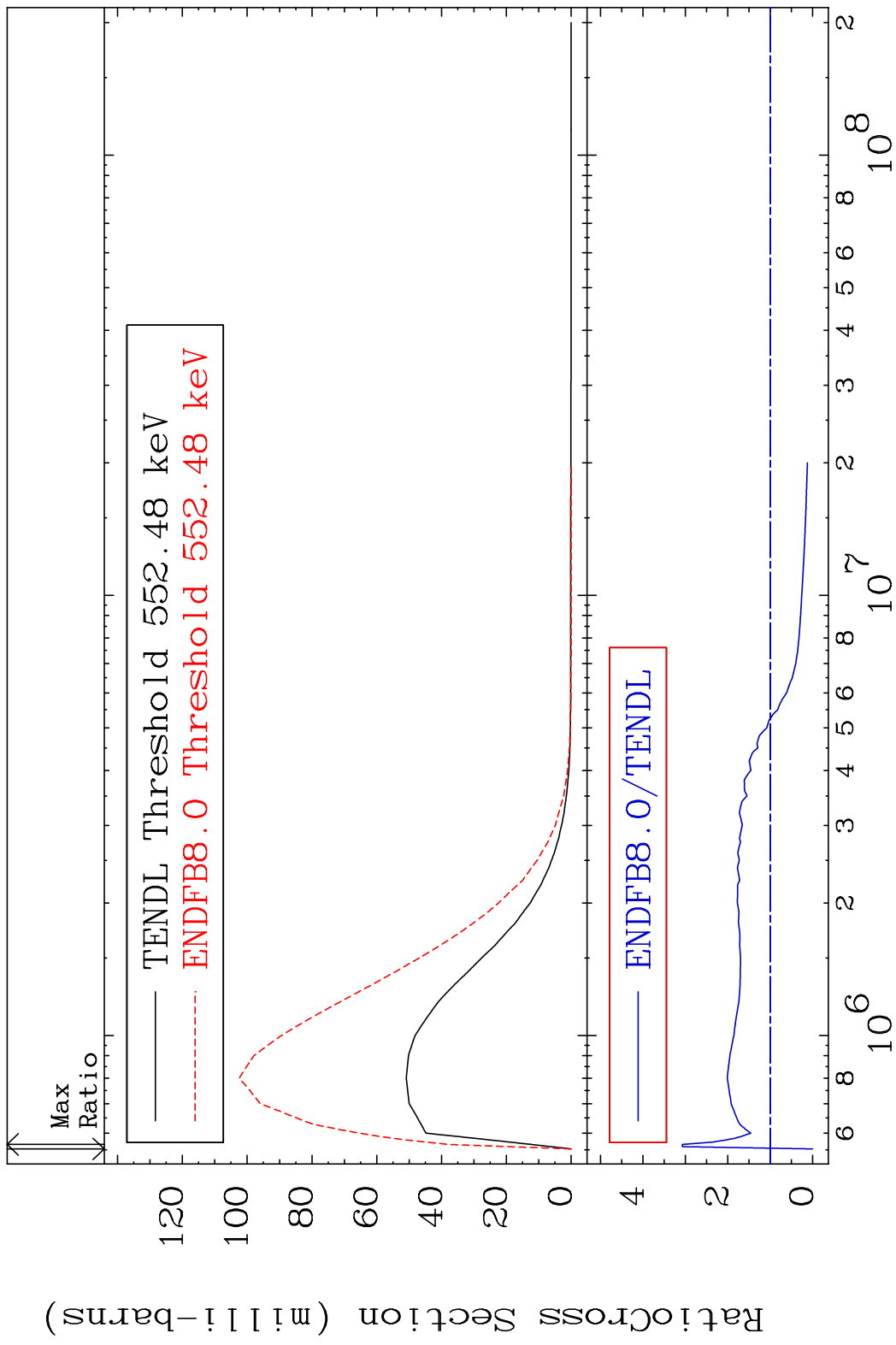
MAT 6634 MT= 68 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 45.21 %



MAT 6634 MT= 69 (n, n') Level 66-Dy-159
 Cross Section -92.75 To 73.68 %

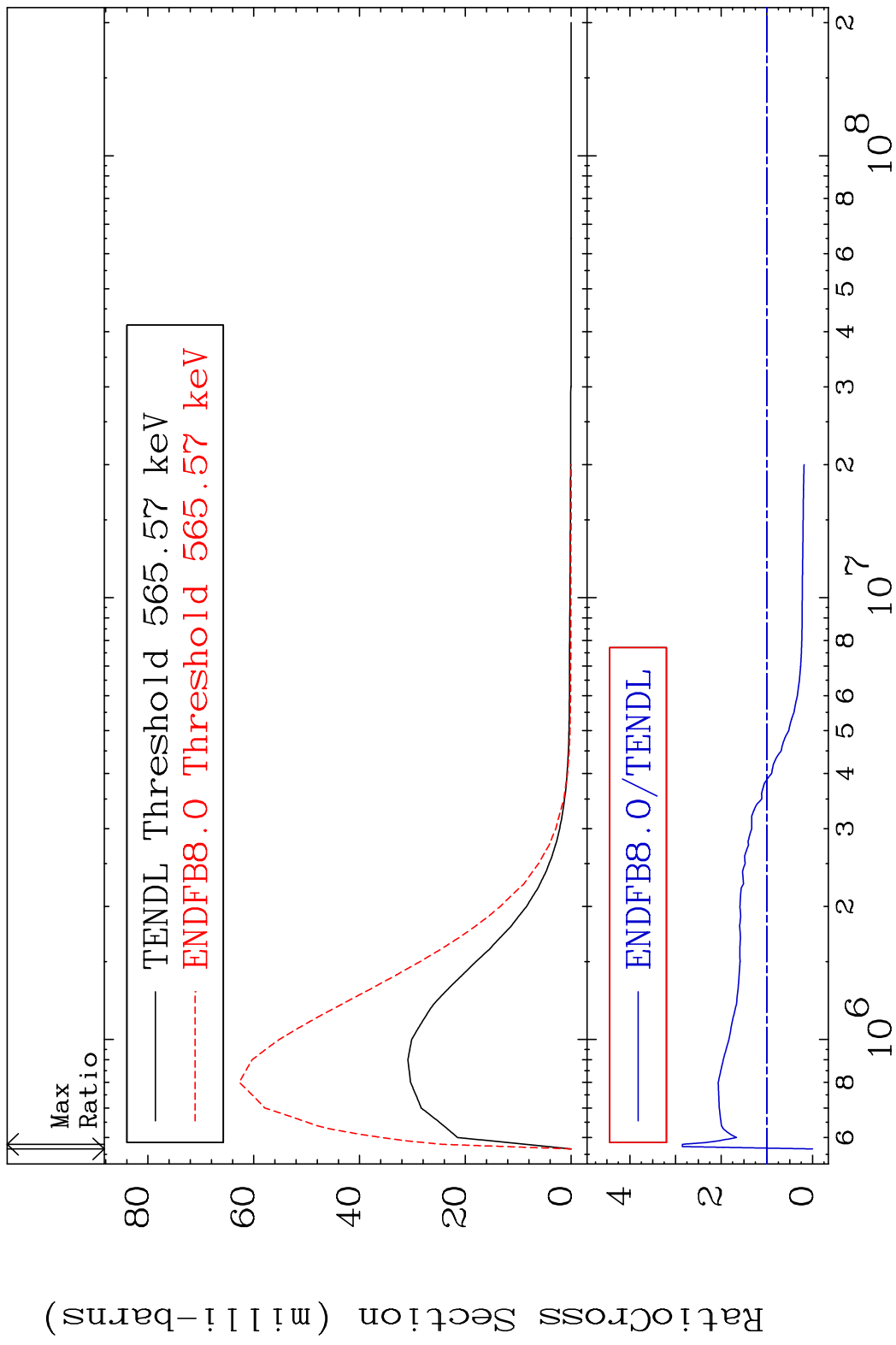


MAT 6634 MT= 70 (n,n') Level 66-Dy-159
 Cross Section -100.0 To 207.0 %

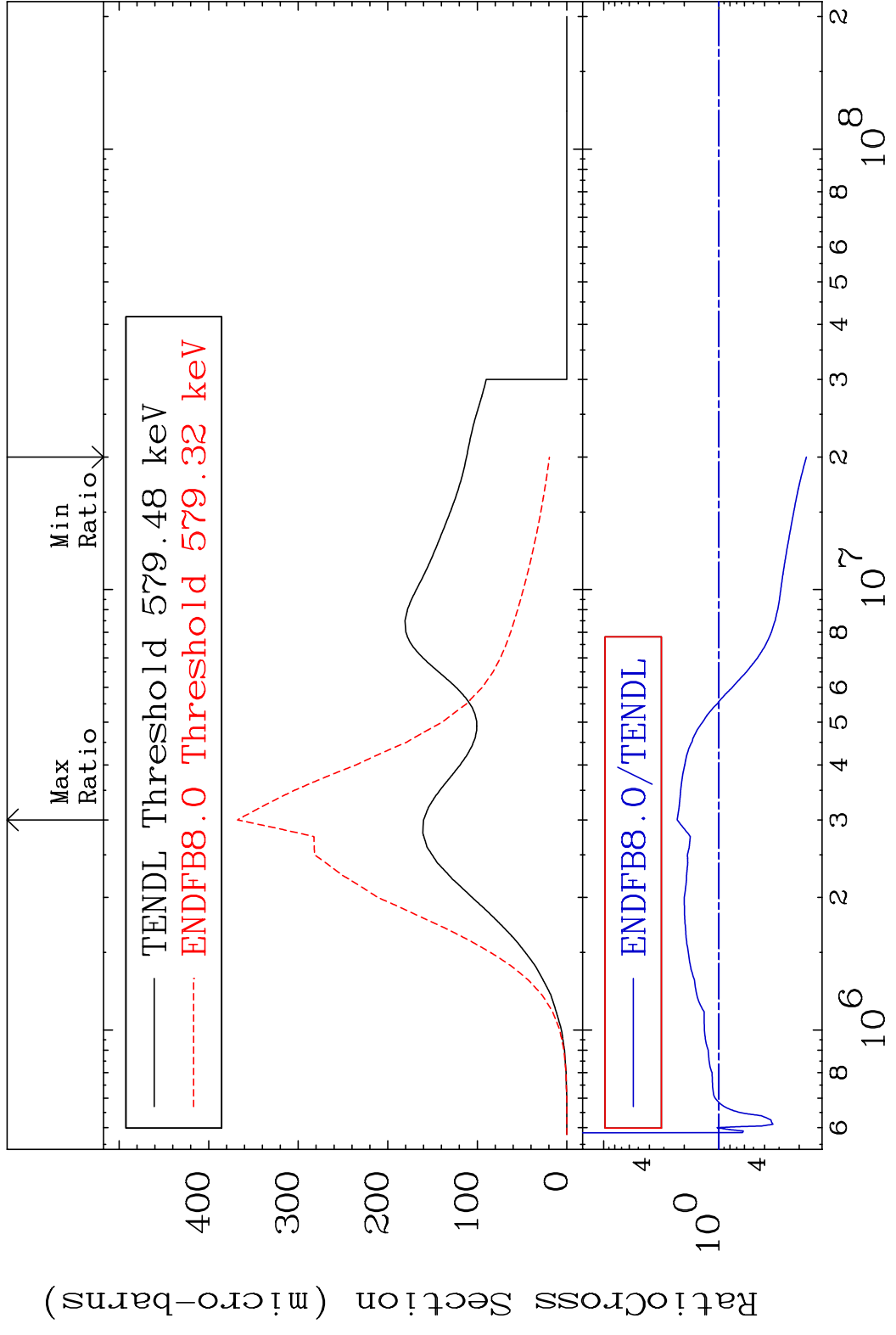


30 Incident Energy (eV) 66-Dy-159

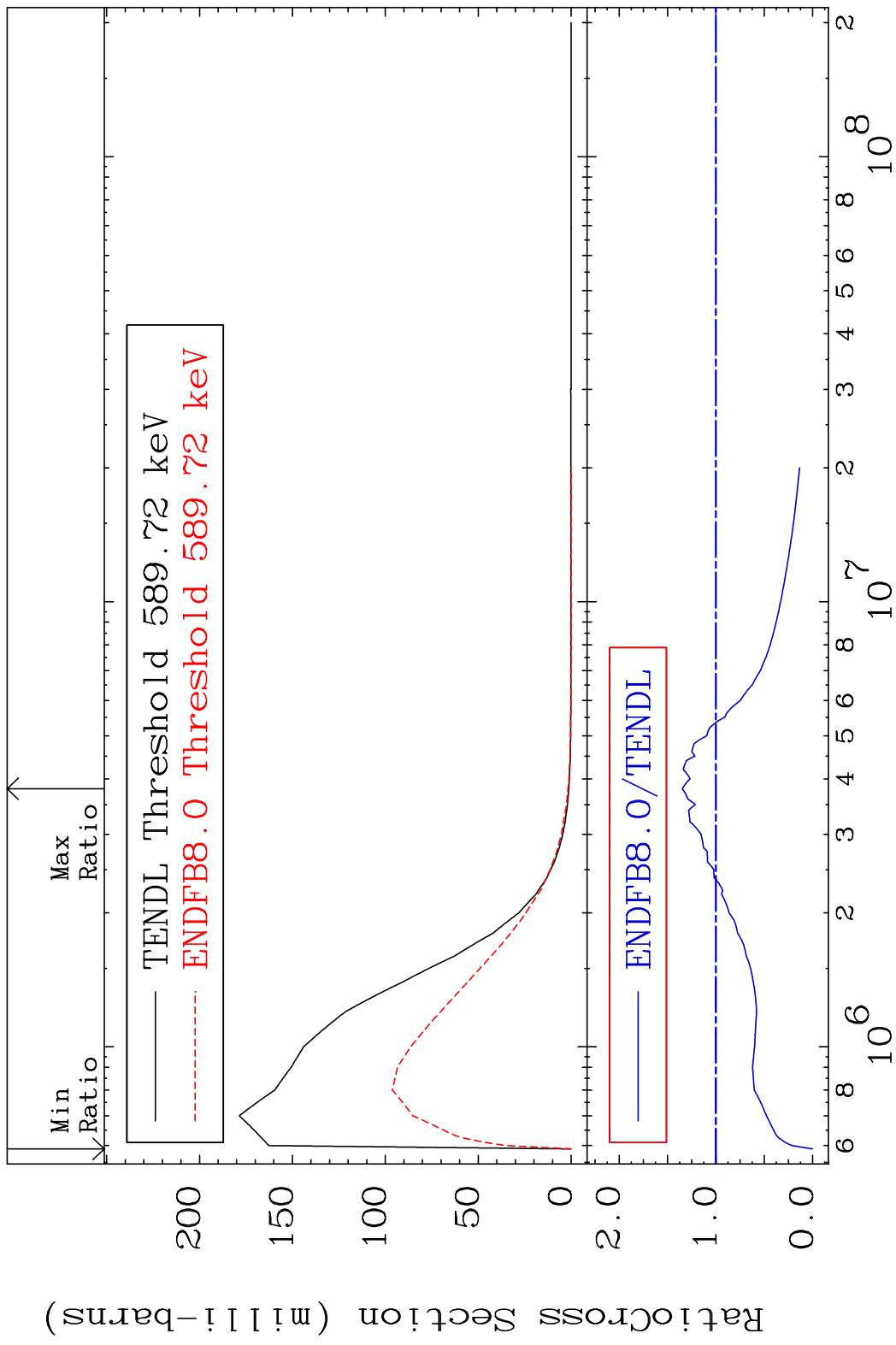
MAT 6634 MT= 71 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 185.0 %



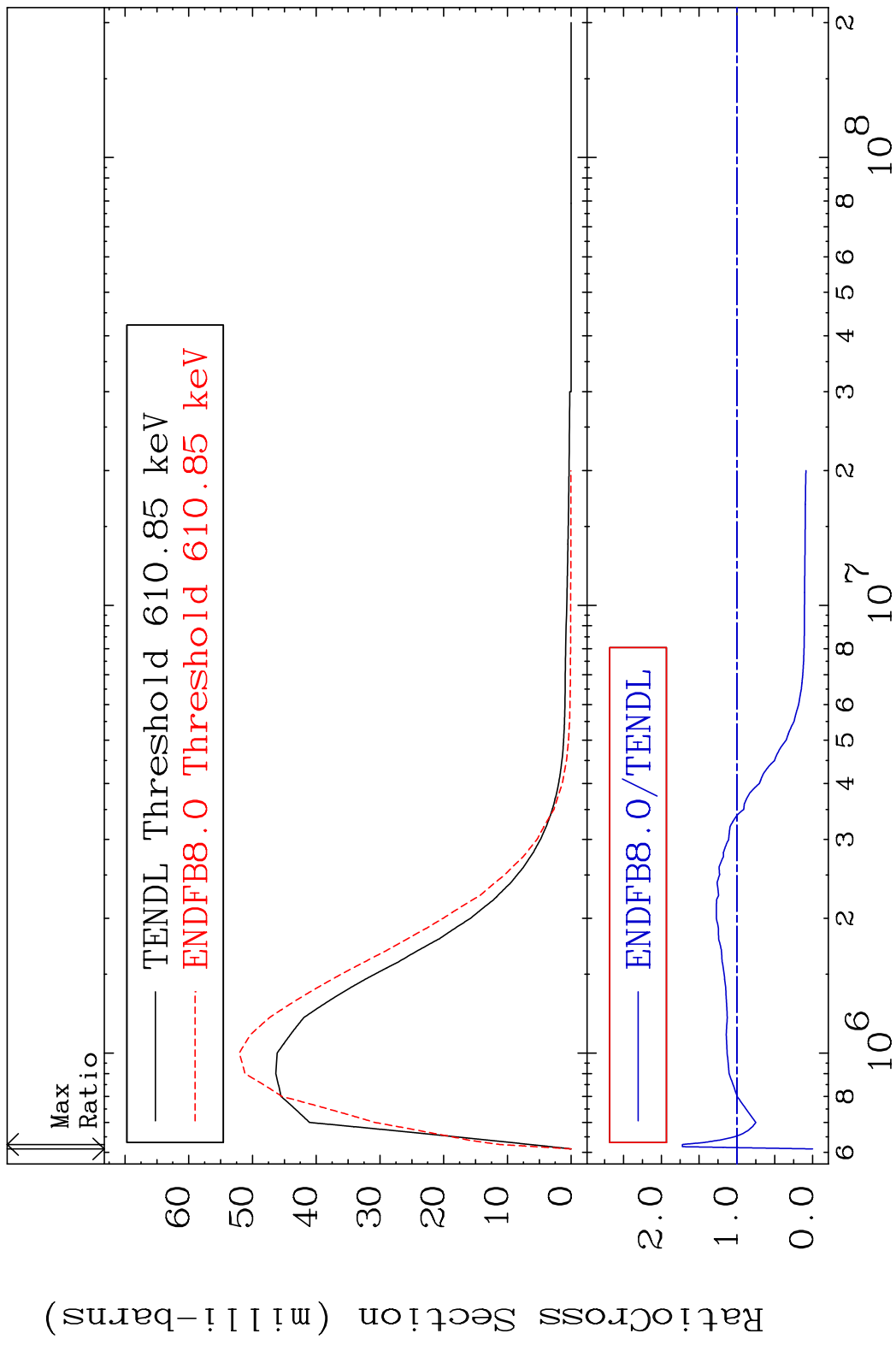
MAT 6634 MT= 72 (n, n') Level 66-Dy-159
 Cross Section -82.65 To 129.9 %



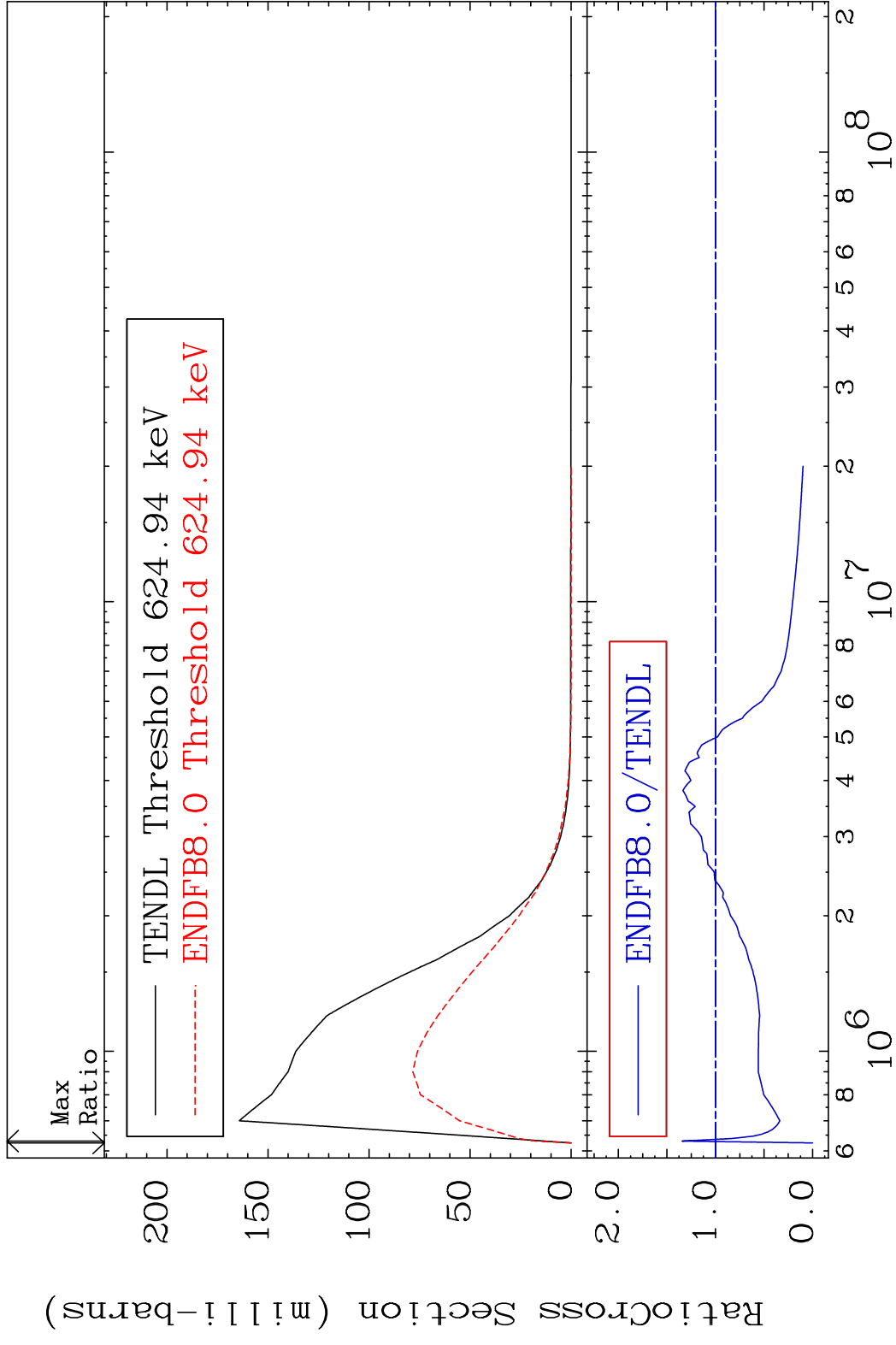
MAT 6634 MT= 73 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 34.68 %



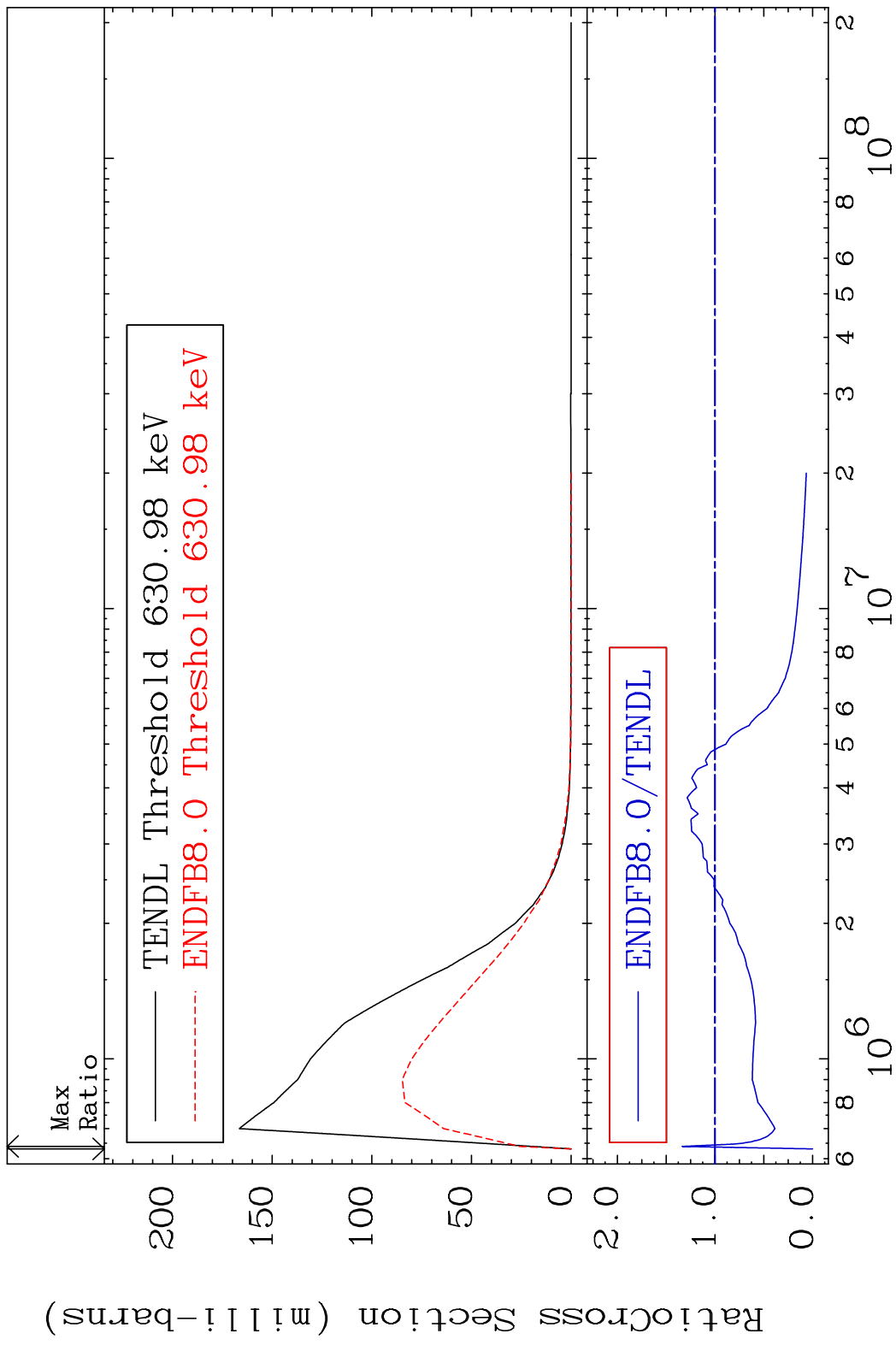
MAT 6634 MT= 74 (n,n') Level 66-Dy-159
 Cross Section -100.0 To 72.17 %



MAT 6634 MT= 75 (n,n') Level 66-Dy-159
 Cross Section -100.0 To 34.11 %

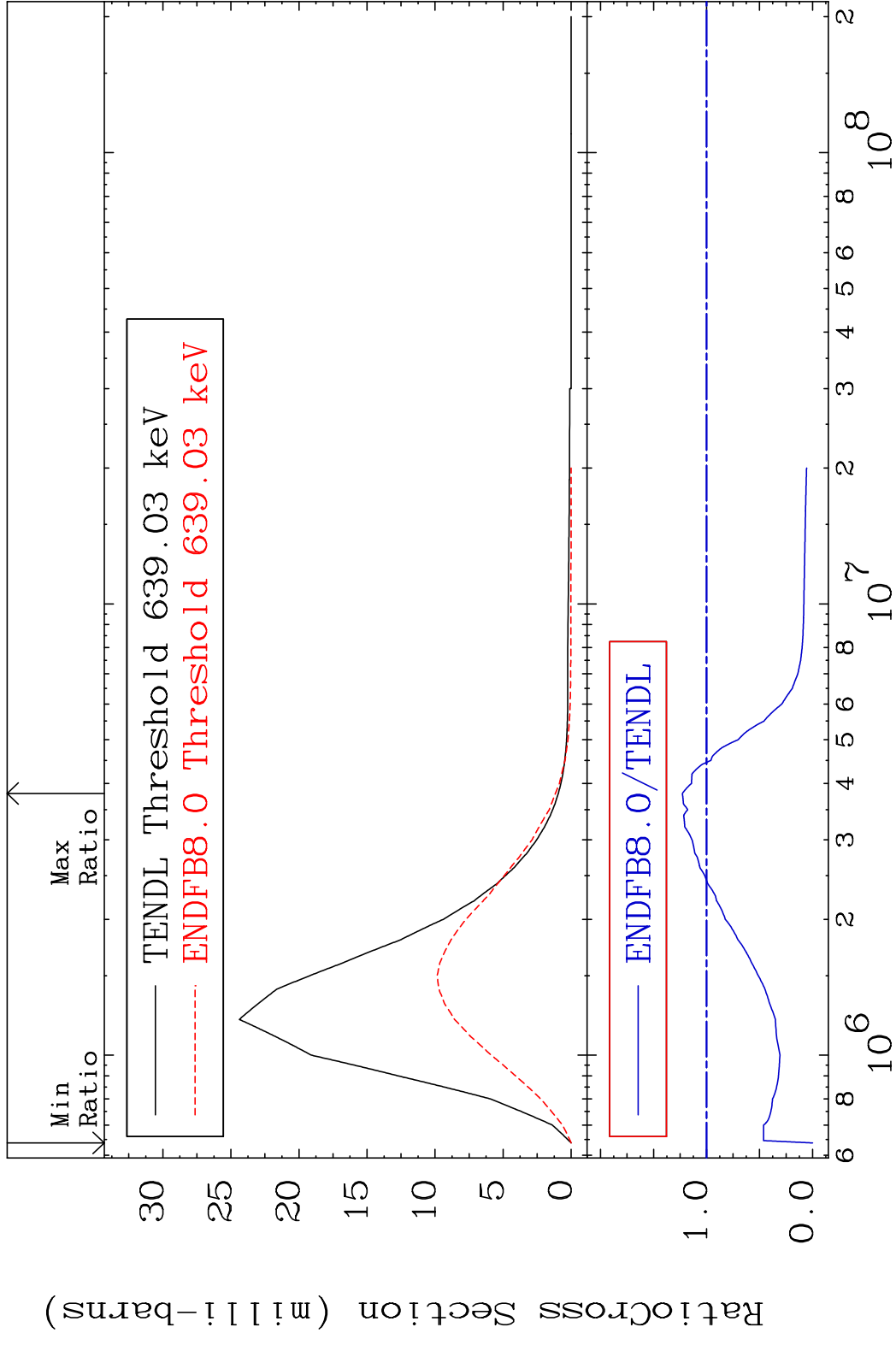


MAT 6634 MT= 76 (n,n') Level 66-Dy-159
 Cross Section -100.0 To 33.42 %



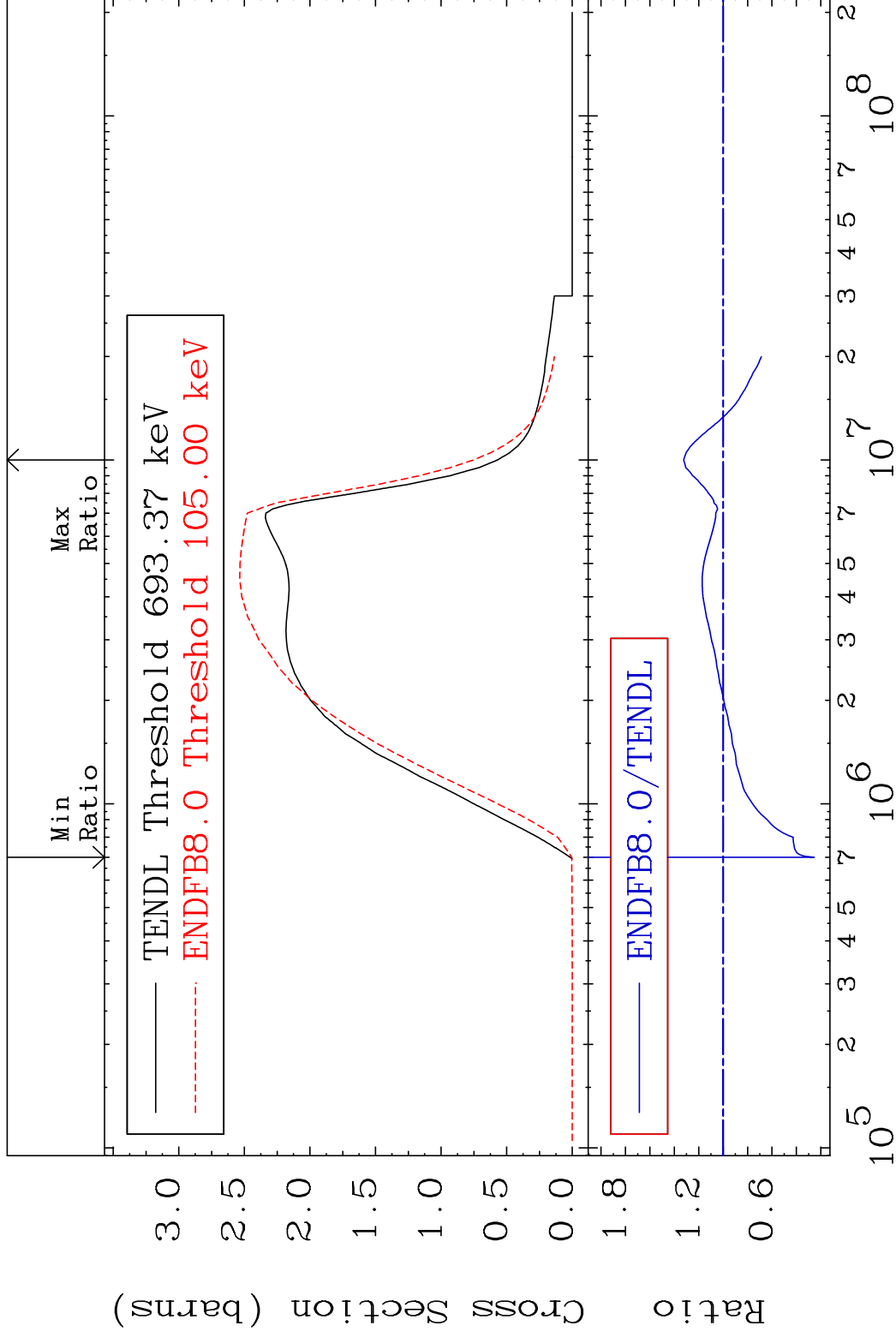
36 Incident Energy (eV) 66-Dy-159

MAT 6634 MT= 77 (n,n') Level 66-Dy-159
 Cross Section -100.0 To 22.84 %



MAT 6634

(n,n') Continuum 66-Dy-159
Cross Section -74.50 To 32.33 %



38

Incident Energy (eV)

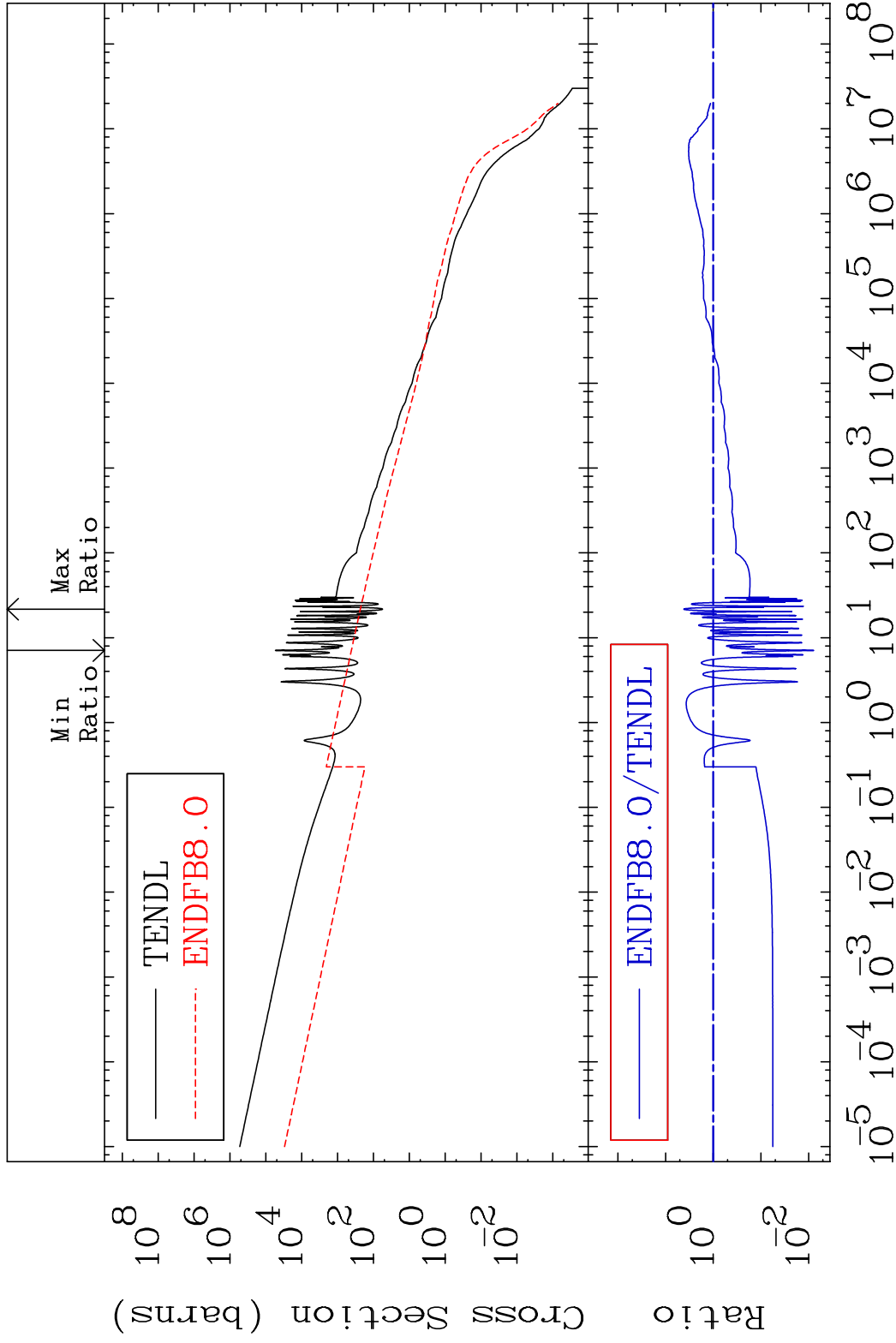
66-Dy-159

MAT 6634

(n, γ)

66-Dy-159

Cross Section -99.23 To 316.7 %



39

Incident Energy (eV)

66-Dy-159

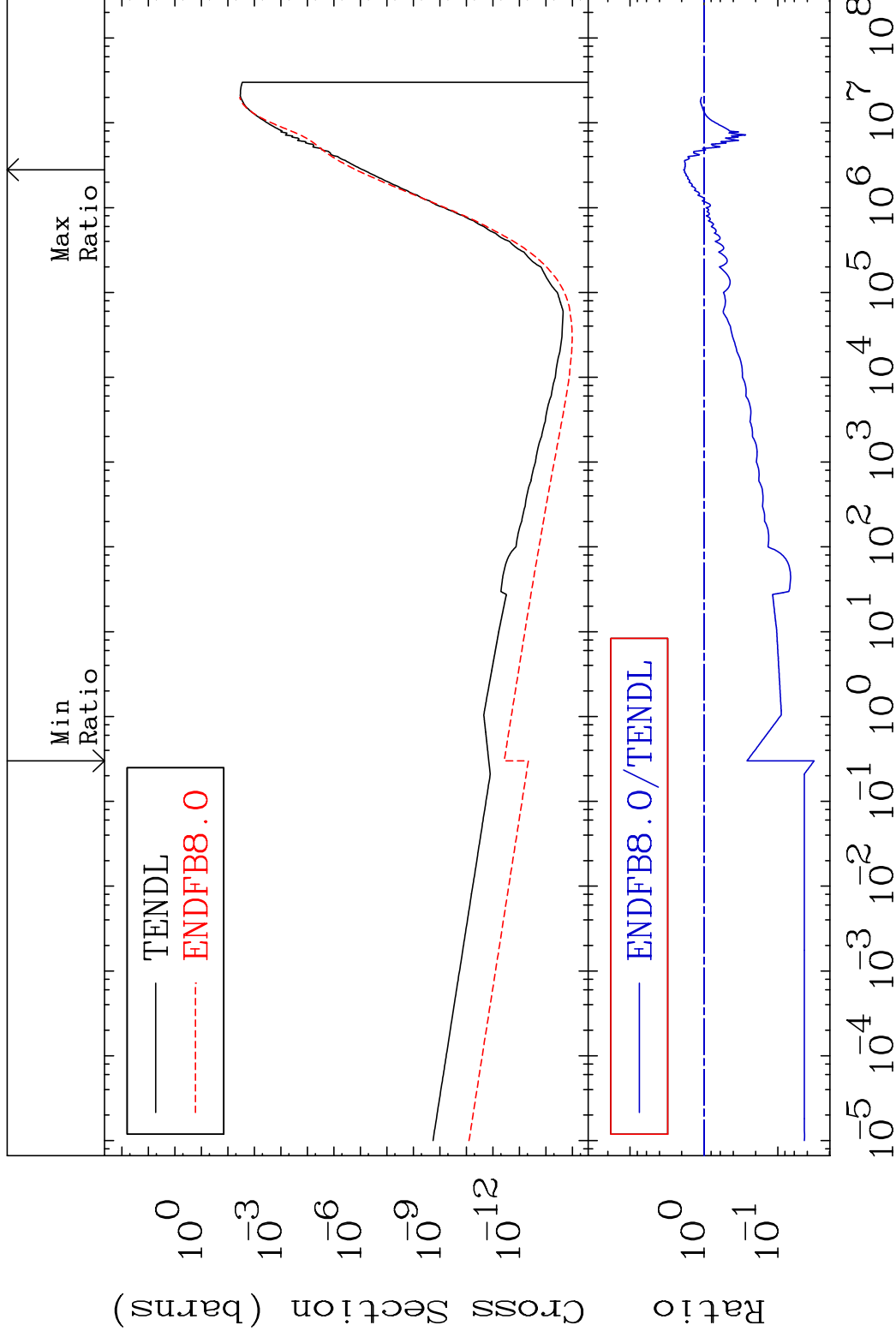
MAT 6634

(n, p)

66-Dy-159

Cross Section

-96.77 To 88.24 %



40

Incident Energy (eV)

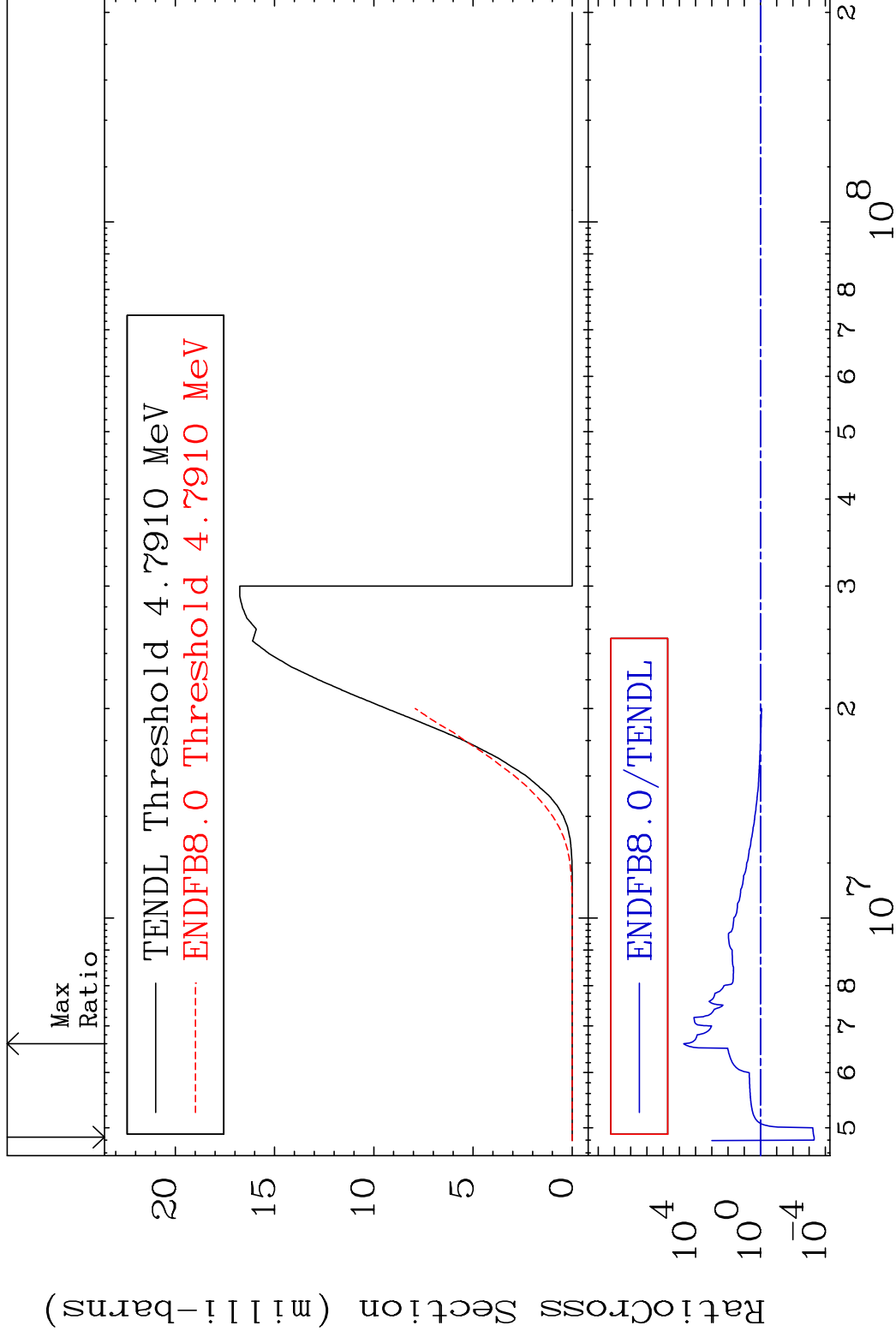
66-Dy-159

MAT 6634

(n, d)

66-Dy-159

Cross Section -99.95 To 9999. %



41

Incident Energy (eV)

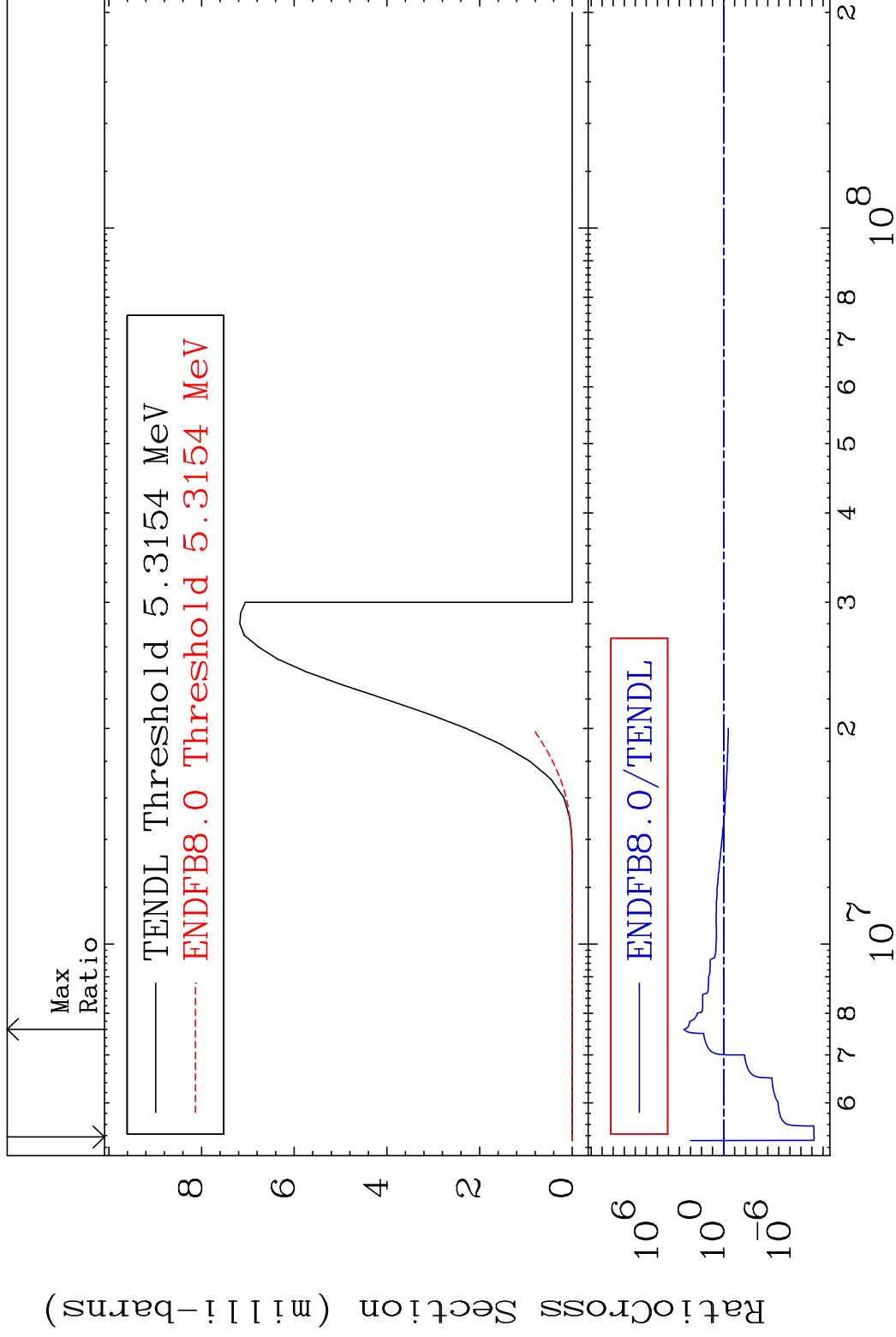
66-Dy-159

MAT 6634

(n, t)

66-Dy-159

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

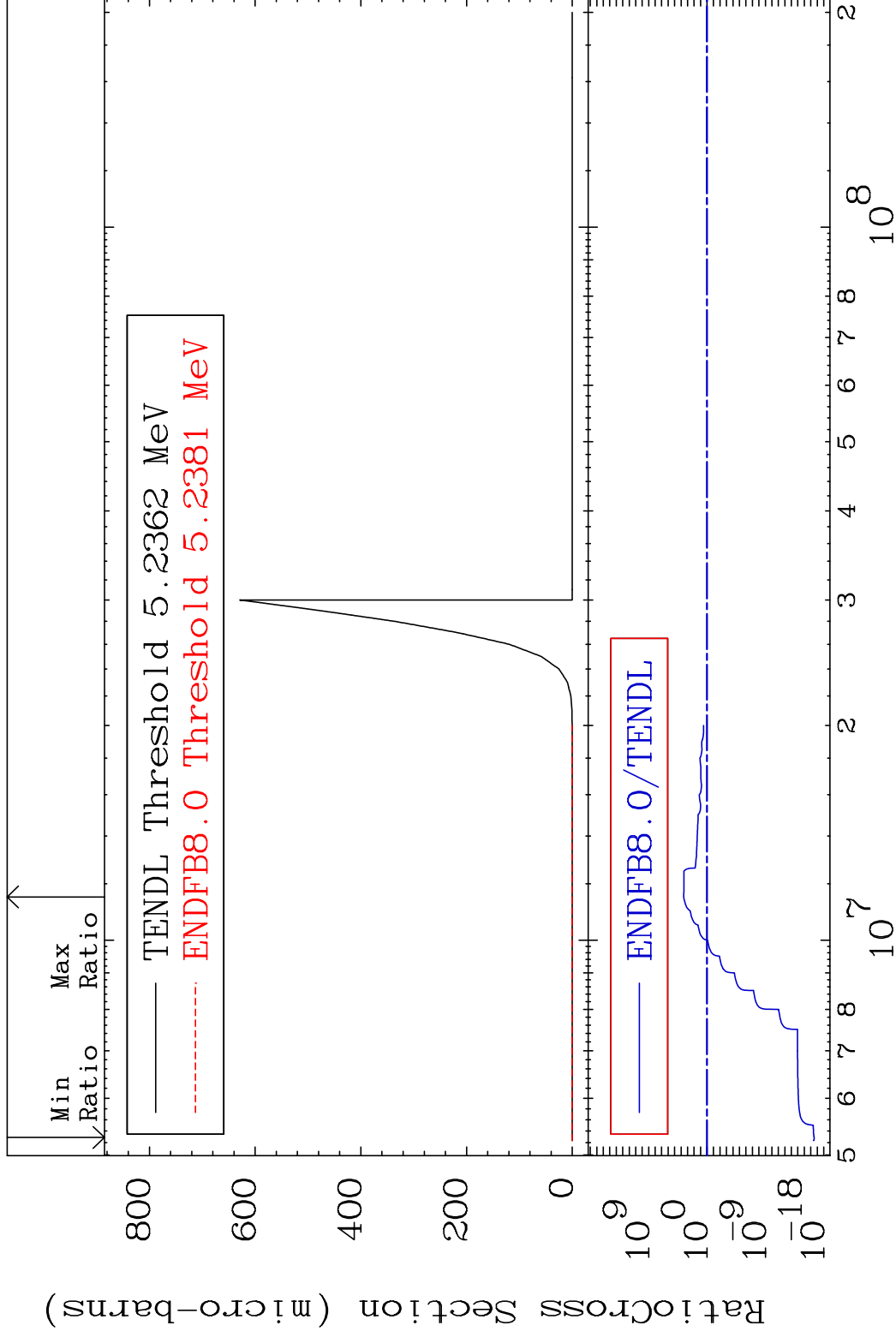
66-Dy-159

MAT 6634

(n, He-3)

66-Dy-159

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

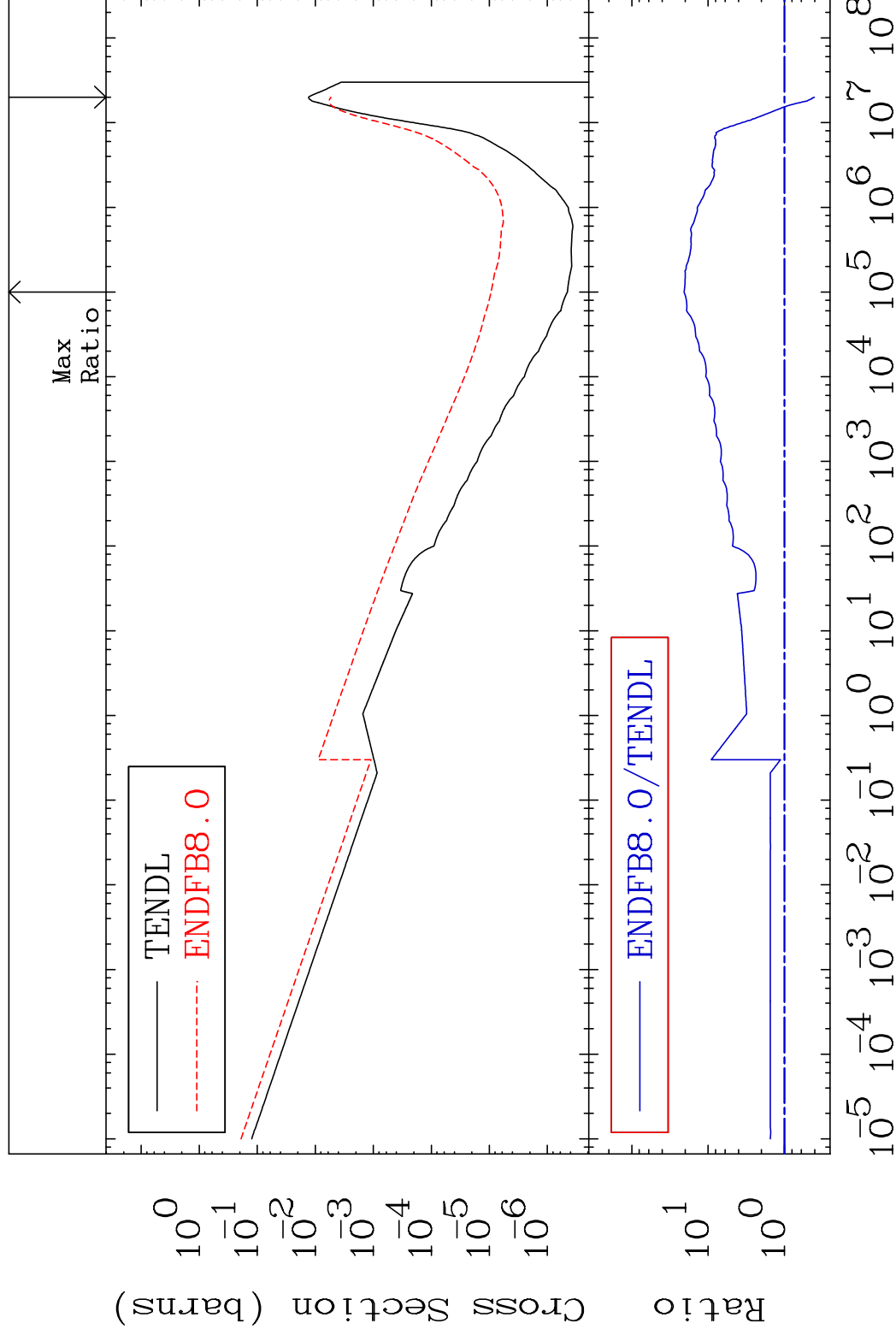
66-Dy-159

MAT 6634

(n, α)

66-Dy-159

Cross Section -59.29 To 1968. %



44

Incident Energy (eV)

66-Dy-159

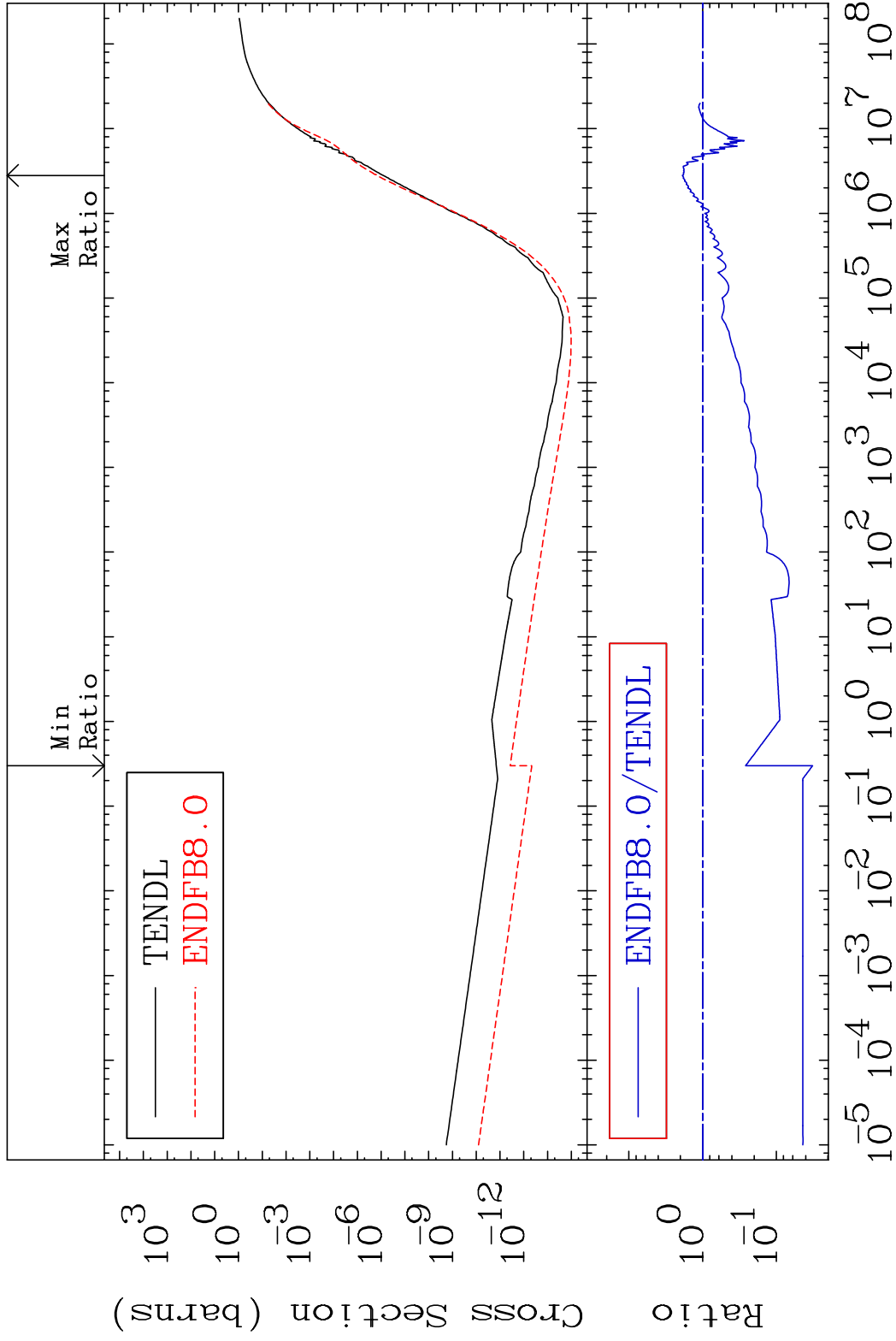
MAT 6634

Hydrogen Production

66-Dy-159

Cross Section

-96.77 To 88.24 %



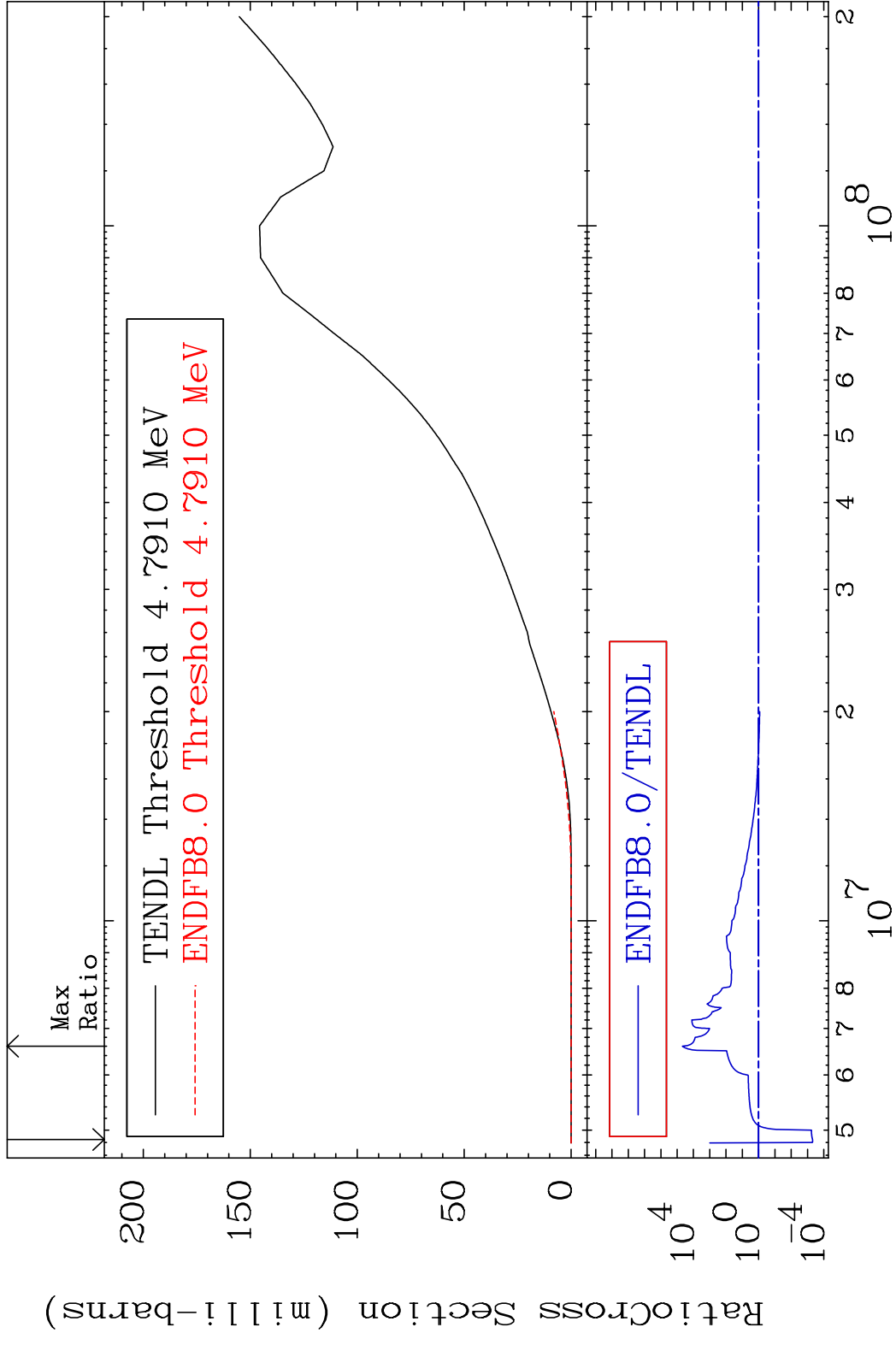
45

Incident Energy (eV)

66-Dy-159

MAT 6634

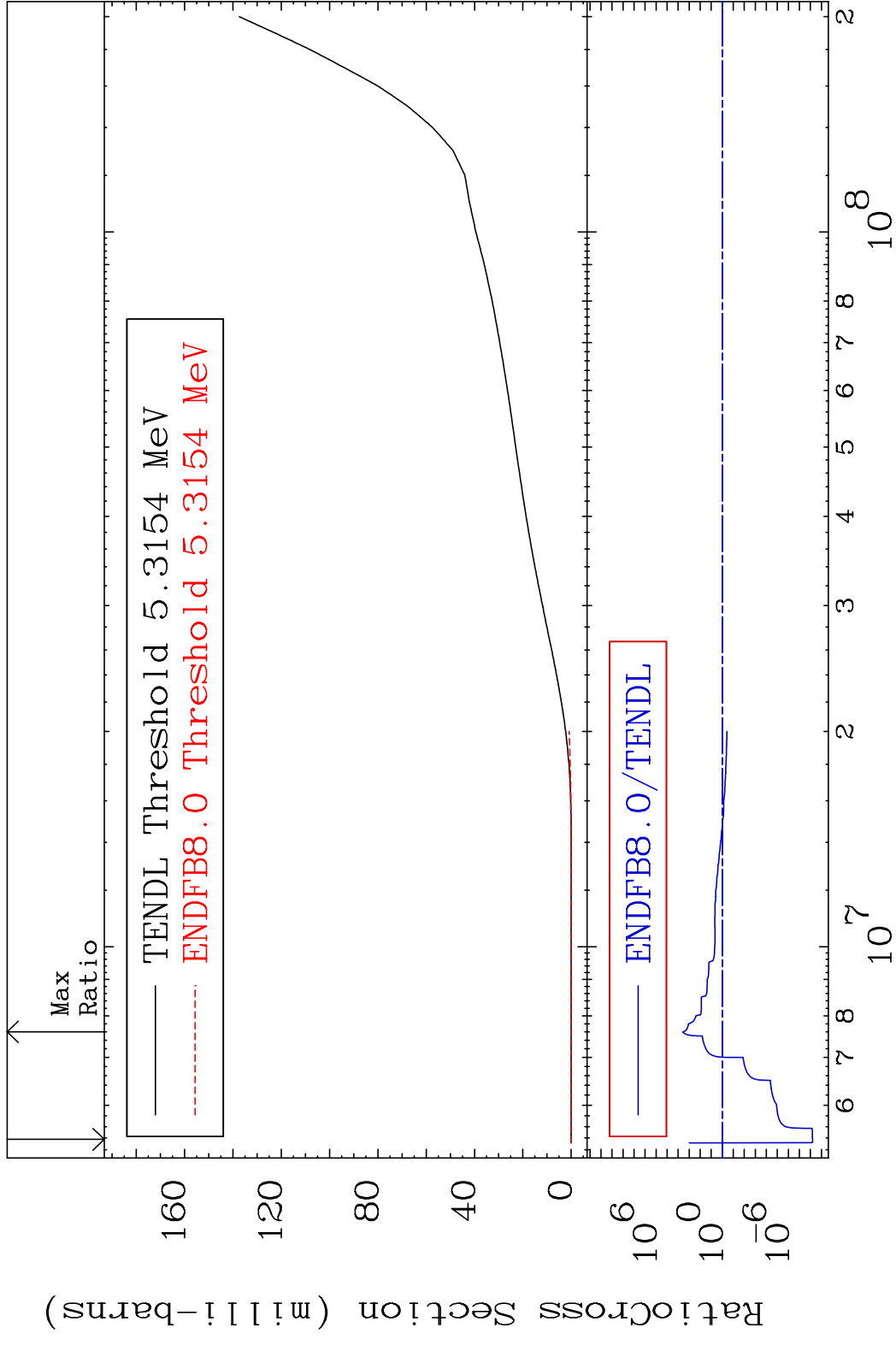
Deuterium Production 66-Dy-159
Cross Section -99.95 To 9999. %



MAT 6634

Tritium Production 66-Dy-159

Cross Section -100.0 To 9999. %

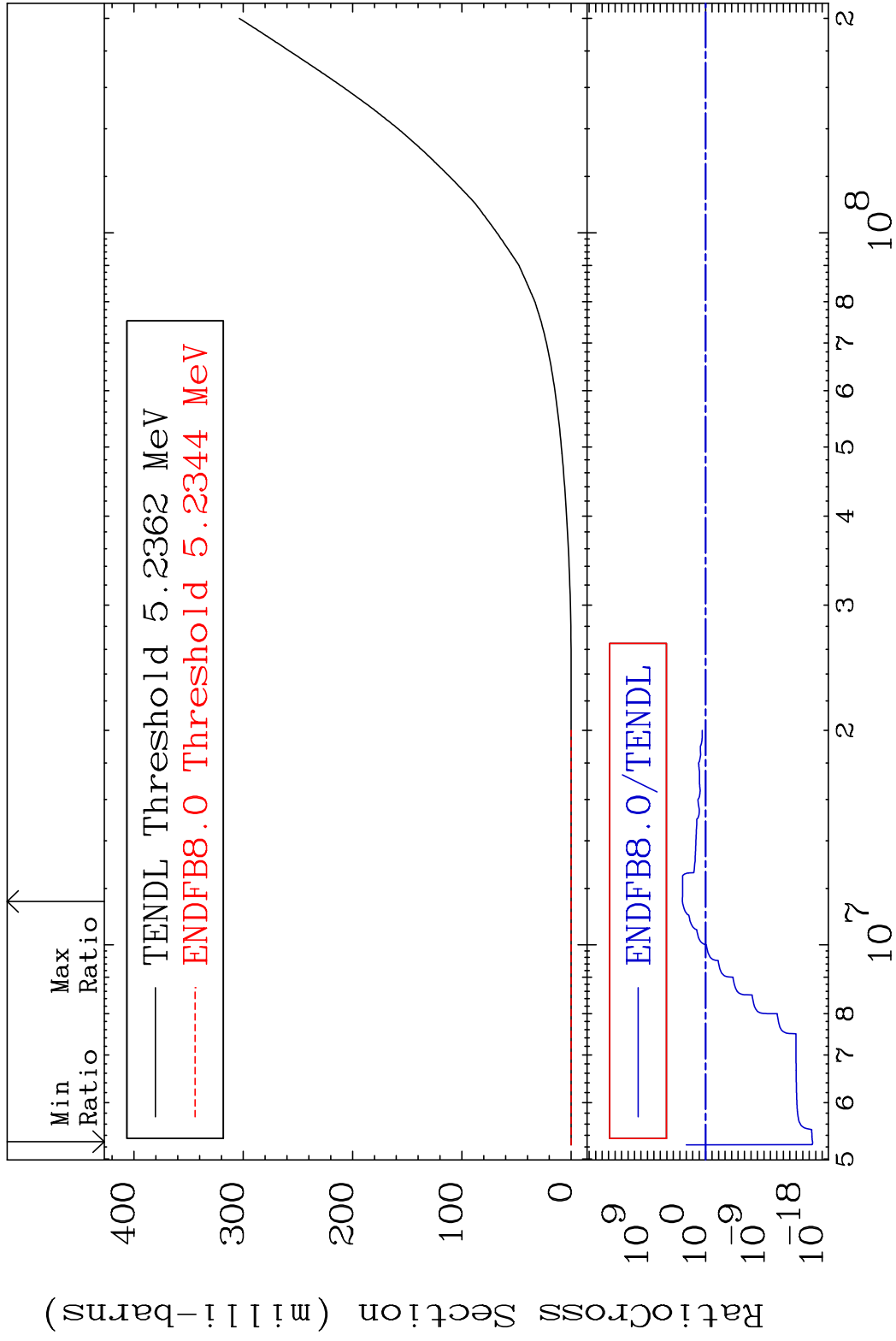


MAT 6634

He-3 Production

66-Dy-159

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

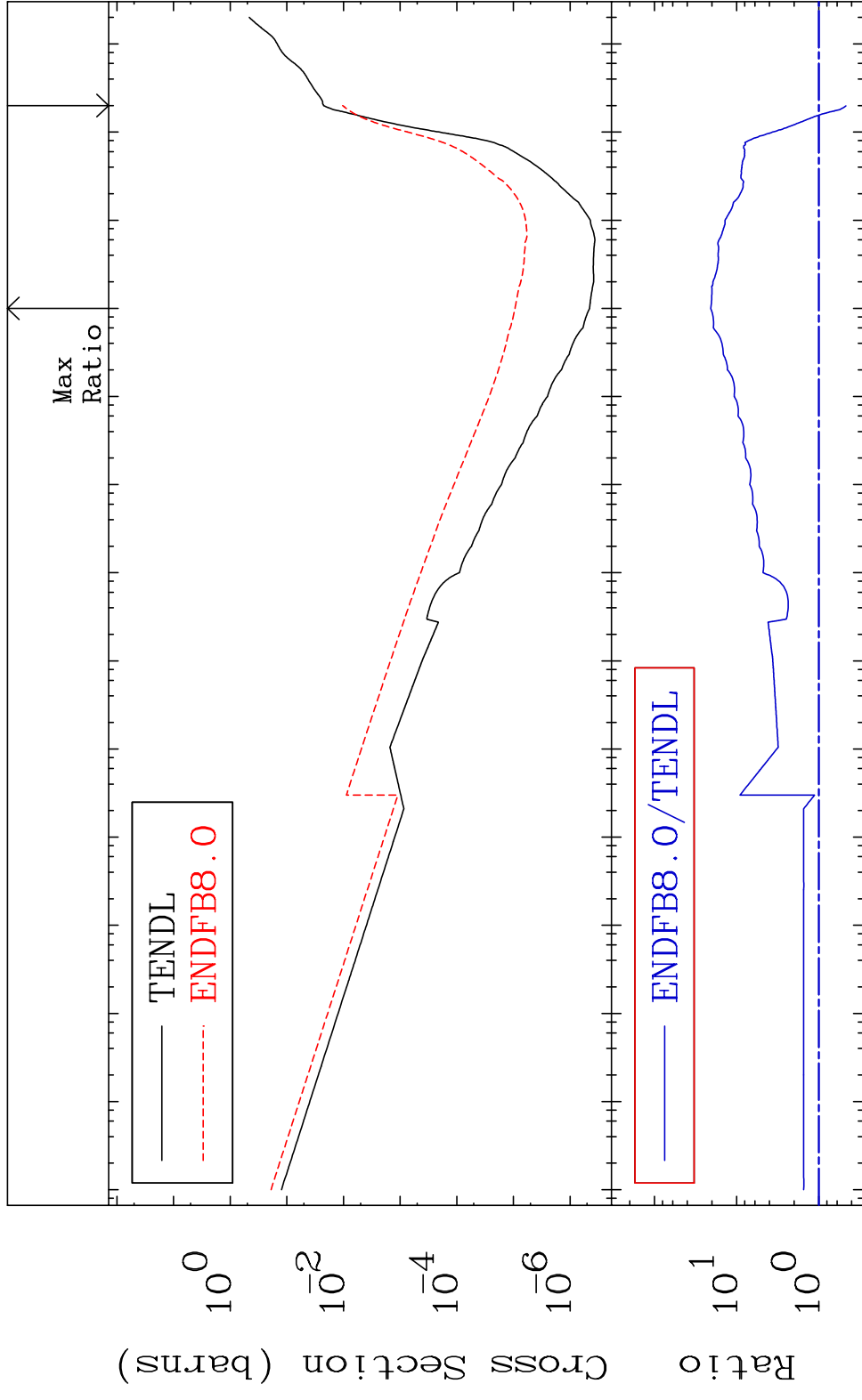
66-Dy-159

MAT 6634

He-4 Production

66-Dy-159

Cross Section -53.66 To 1968. %

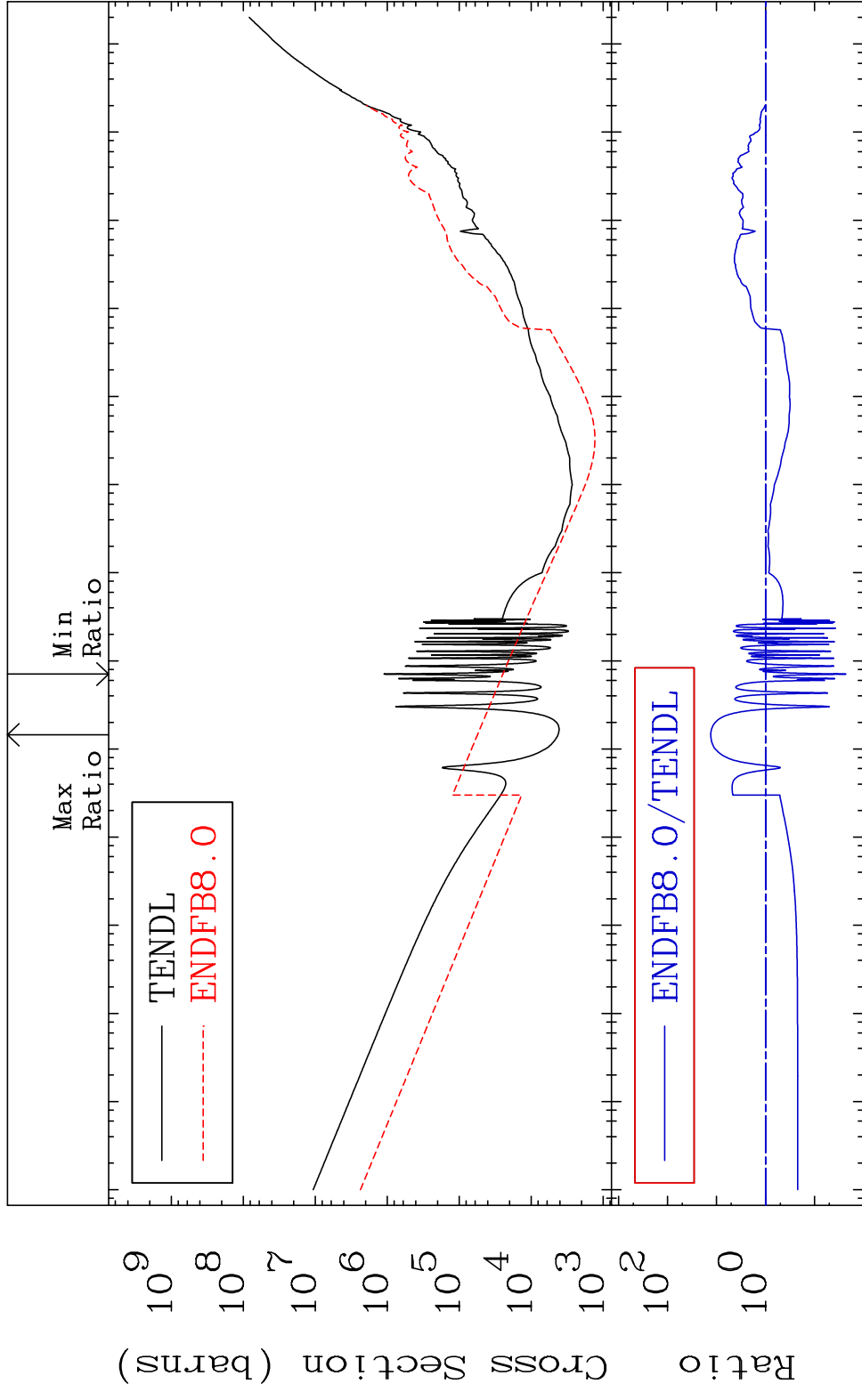


49

Incident Energy (eV)

66-Dy-159

MAT 6634 Kerma total (eV-barns) 66-Dy-159
 Cross Section -97.76 To 1213. %



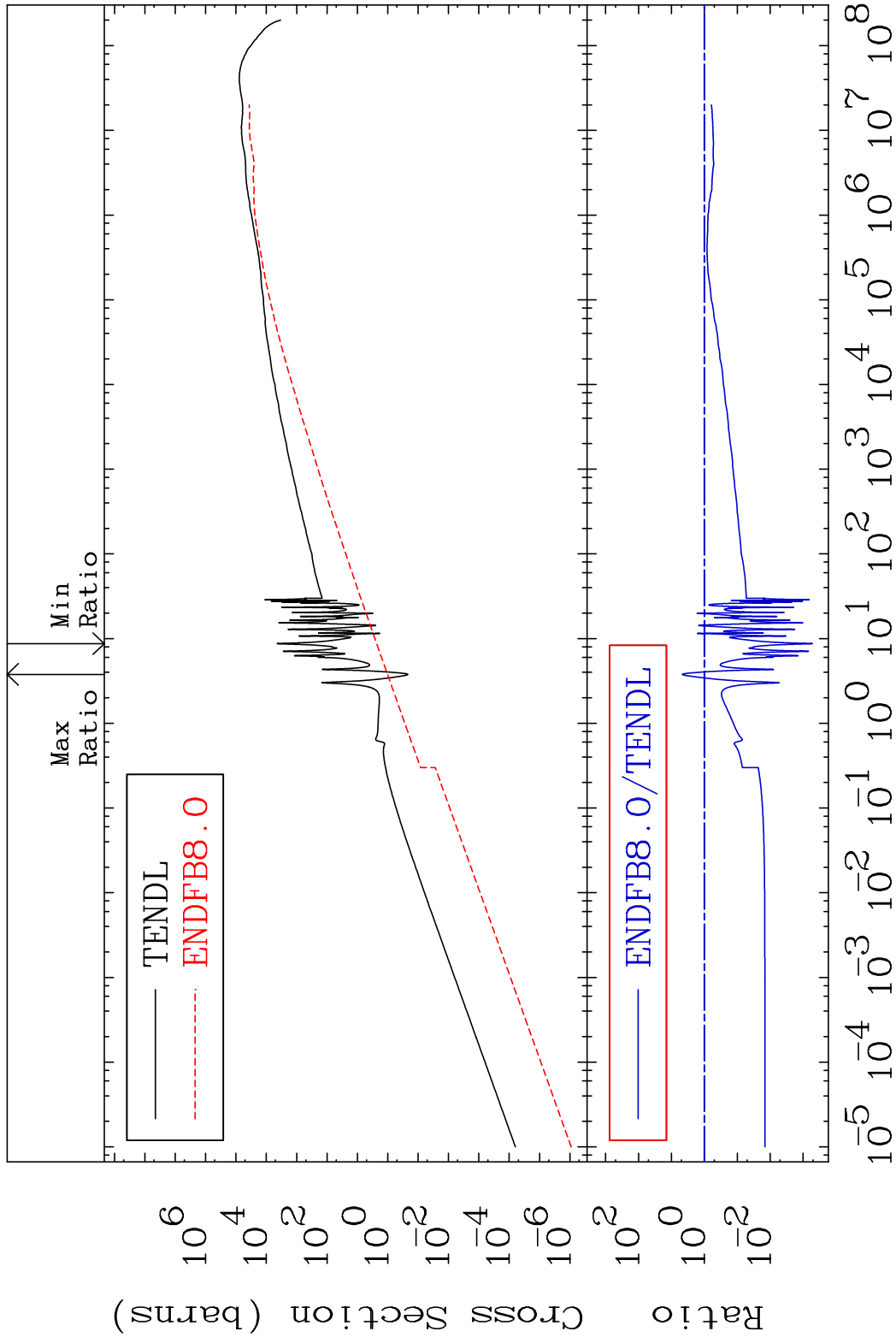
50 Incident Energy (eV) 66-Dy-159

MAT 6634

Kerma elastic

66-Dy-159

Cross Section -99.95 To 366.6 %

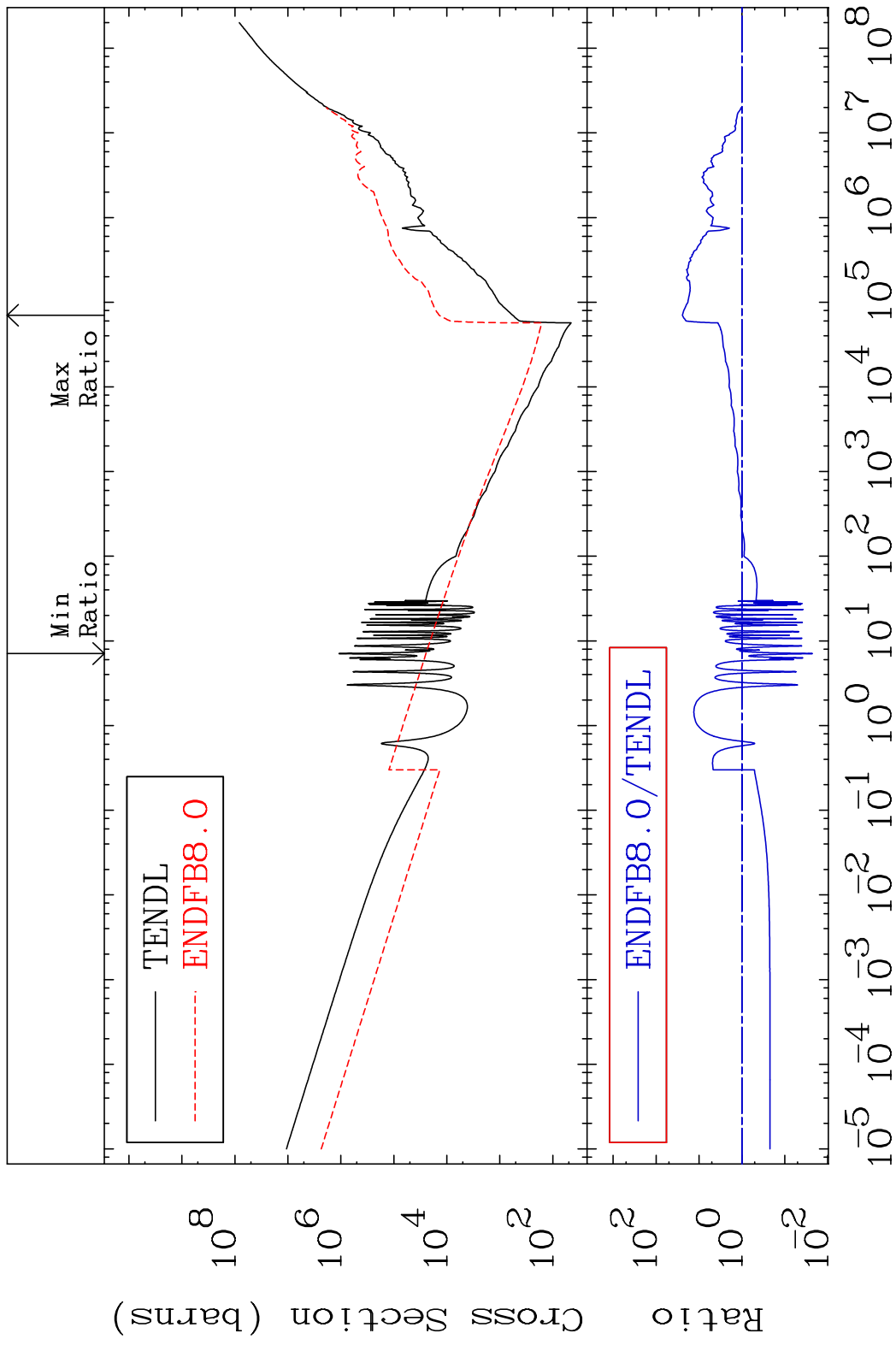


51

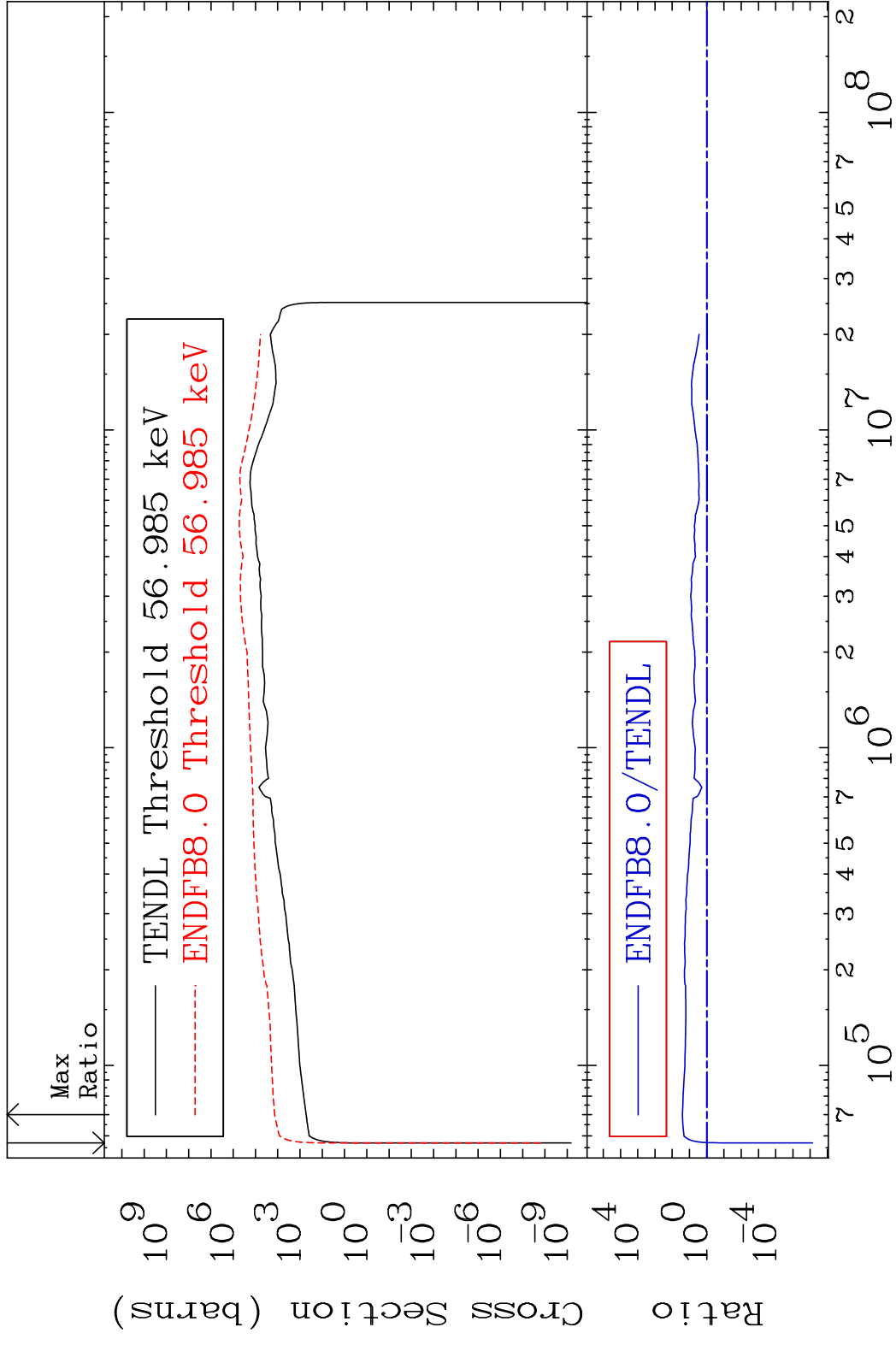
Incident Energy (eV)

66-Dy-159

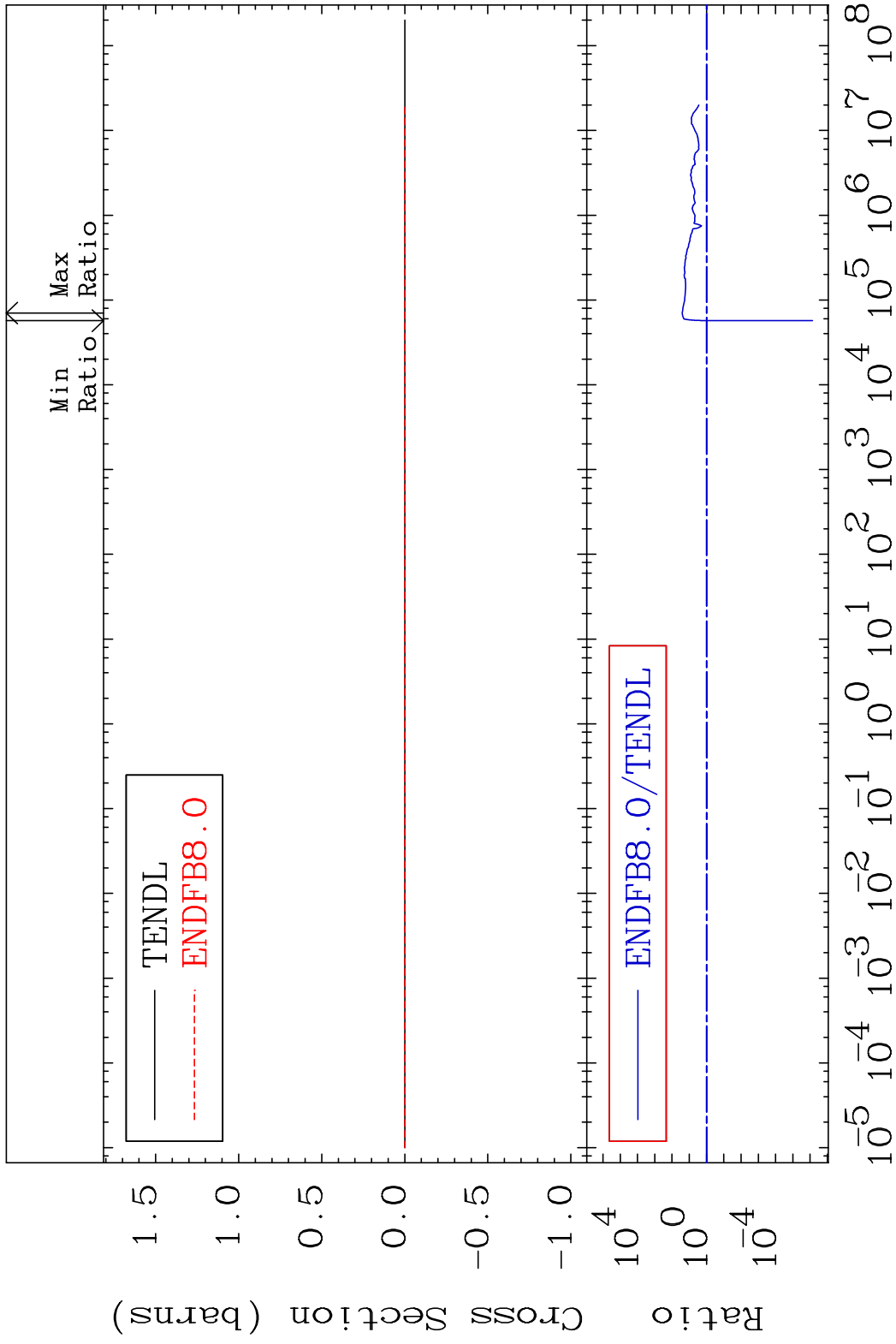
MAT 6634 Kerma non-elastic (all but mt2) 66-Dy-159
 Cross Section -97.75 To 2337. %



MAT 6634 Kerma inelastic (mt51-91) 66-Dy-159
 Cross Section -100.0 To 2485. %

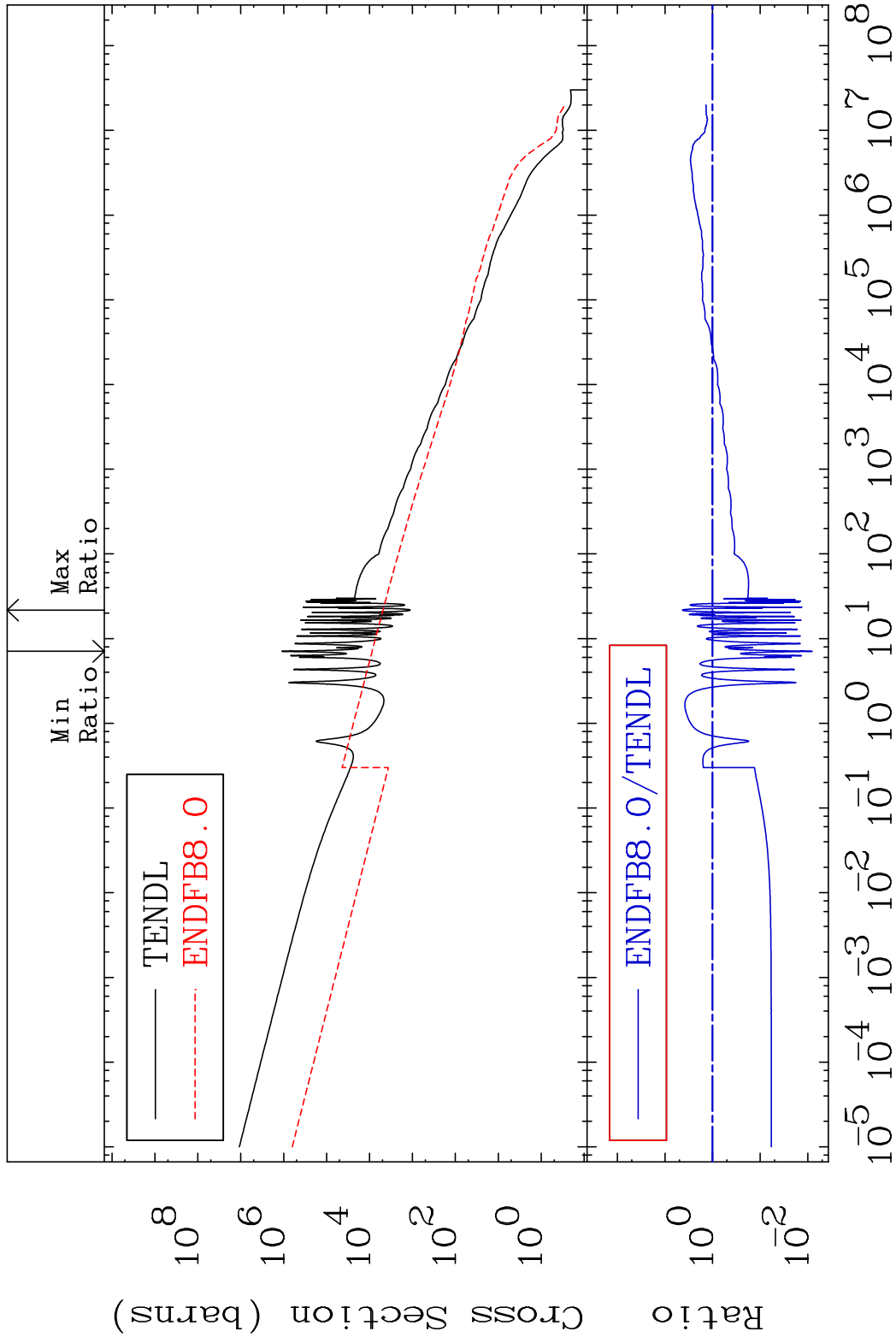


MAT 6634 Kerma fission (mt18 or mt19-20-21-38) 66-Dy-159
 Cross Section -100.0 To 2485. %



MAT 6634

Kerma capture (mt102) 66-Dy-159
Cross Section -99.21 To 332.0 %

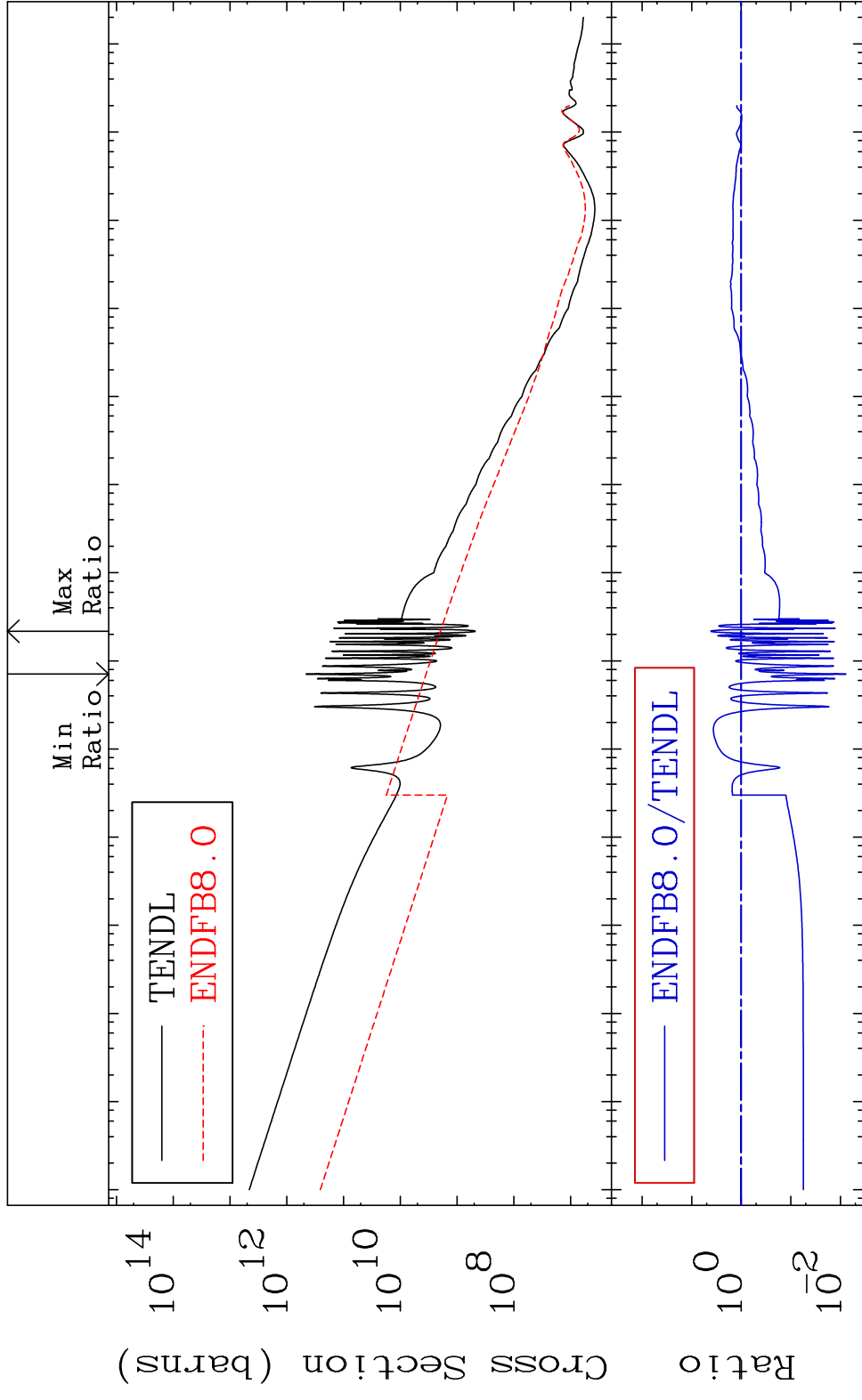


55

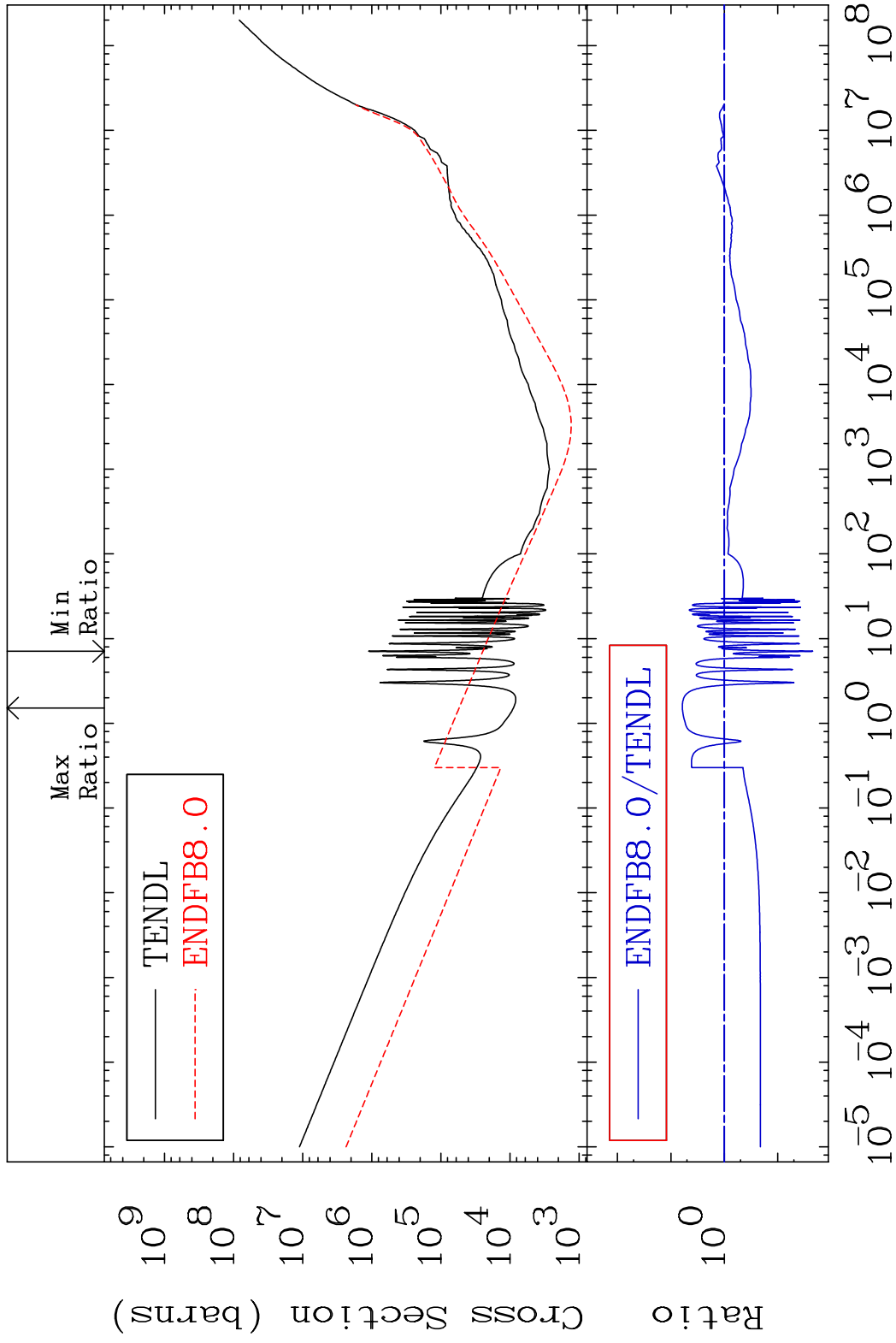
Incident Energy (eV)

66-Dy-159

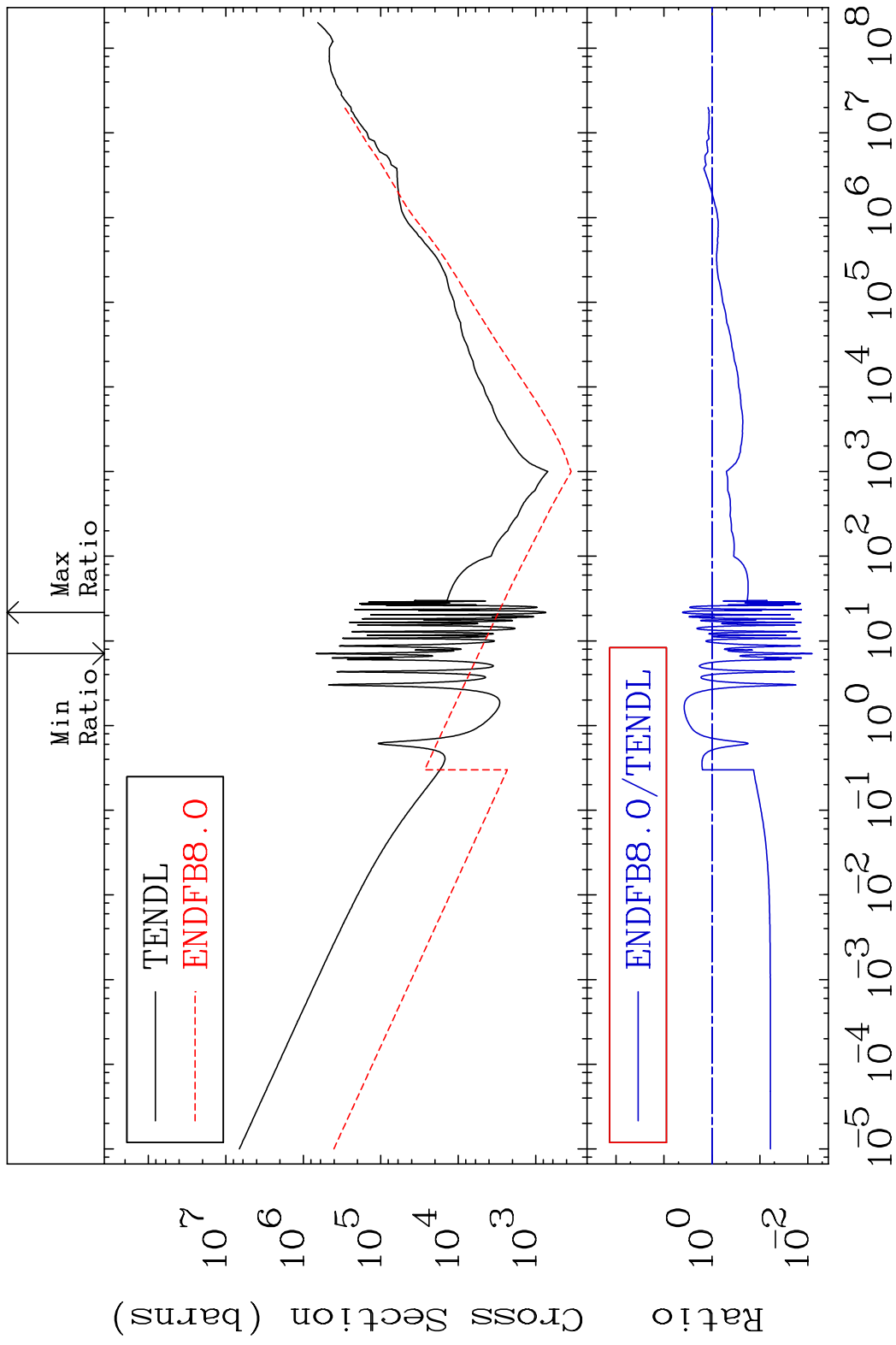
MAT 6634 Total photon (eV-barns) 66-Dy-159
 Cross Section -99.24 To 313.4 %



MAT 6634 Total kinematic kerma (high limit) 66-Dy-159
 Cross Section -97.76 To 510.9 %



MAT 6634 Dpa total (eV-barns) 66-Dy-159
 Cross Section -99.20 To 313.6 %

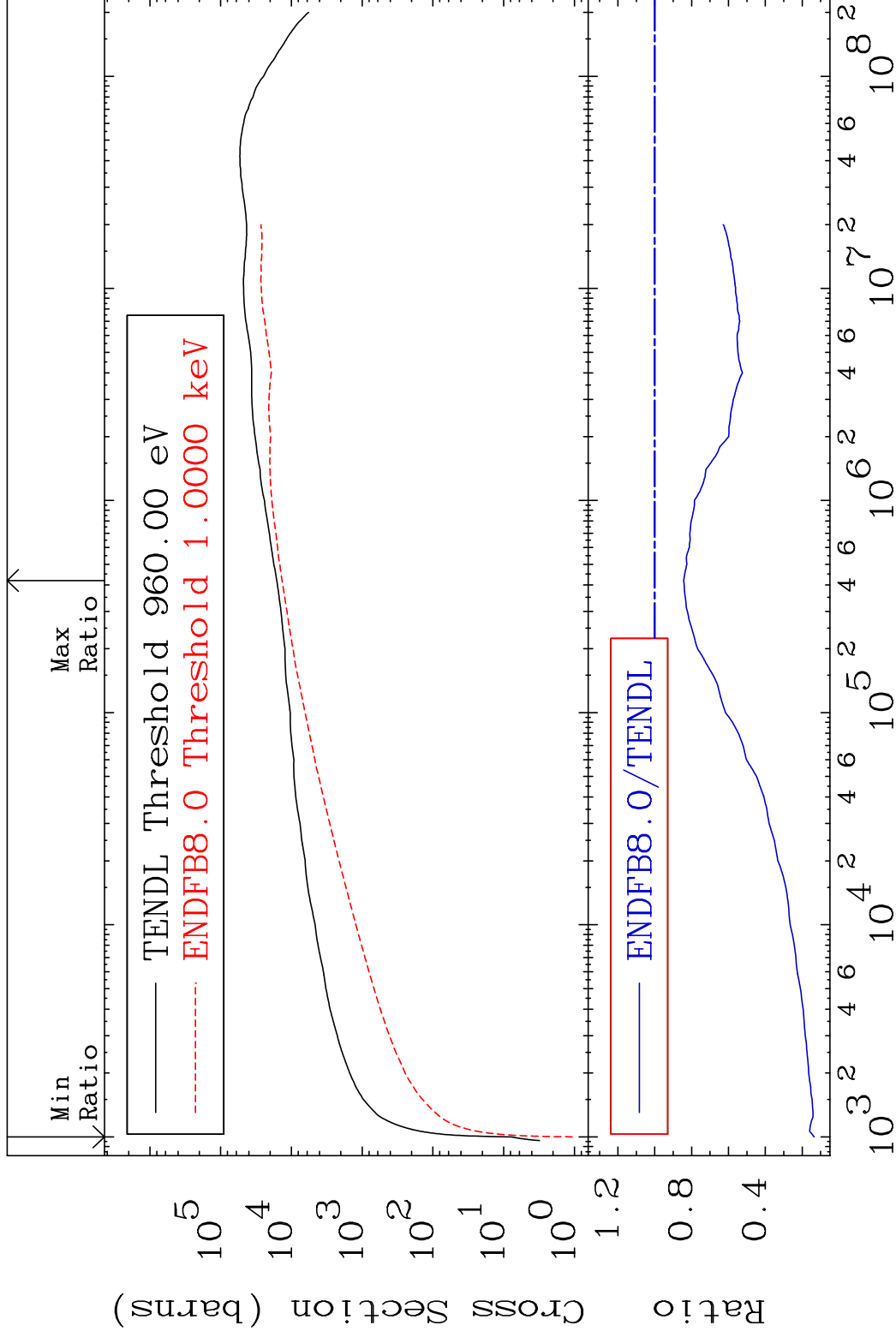


MAT 6634

Dpa elastic (mt2)

66-Dy-159

Cross Section -86.46 To -15.67%

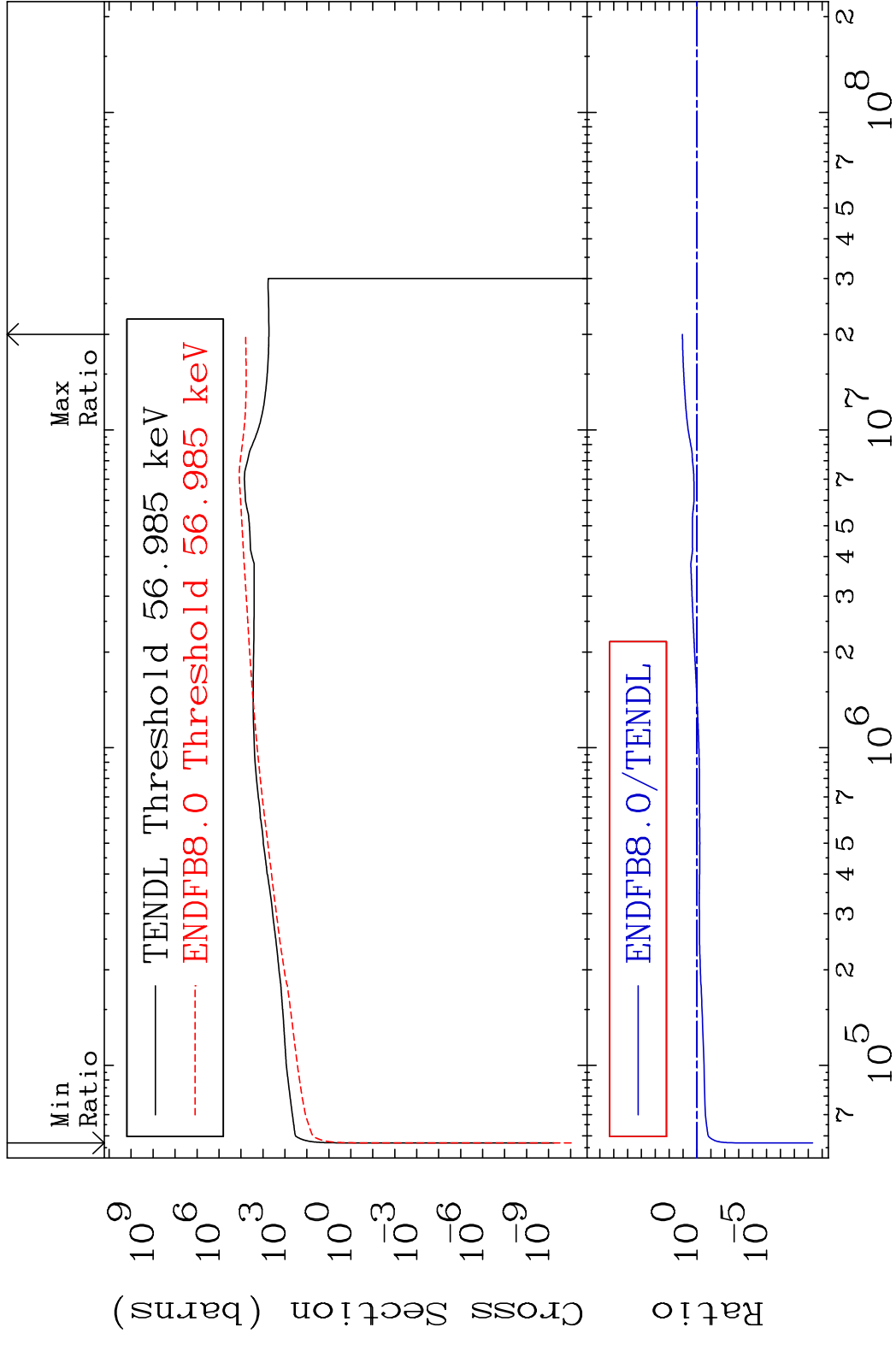


59

Incident Energy (eV)

66-Dy-159

MAT 6634 Dpa inelastic (mt51-91) 66-Dy-159
 Cross Section -100.0 To 1043. %



60 Incident Energy (eV) 66-Dy-159

MAT 6634 Dpa disappearance (mt102 -120) 66-Dy-159
 Cross Section -99.20 To 427.7 %

