

Program Complot
(Version 2021-1)

by

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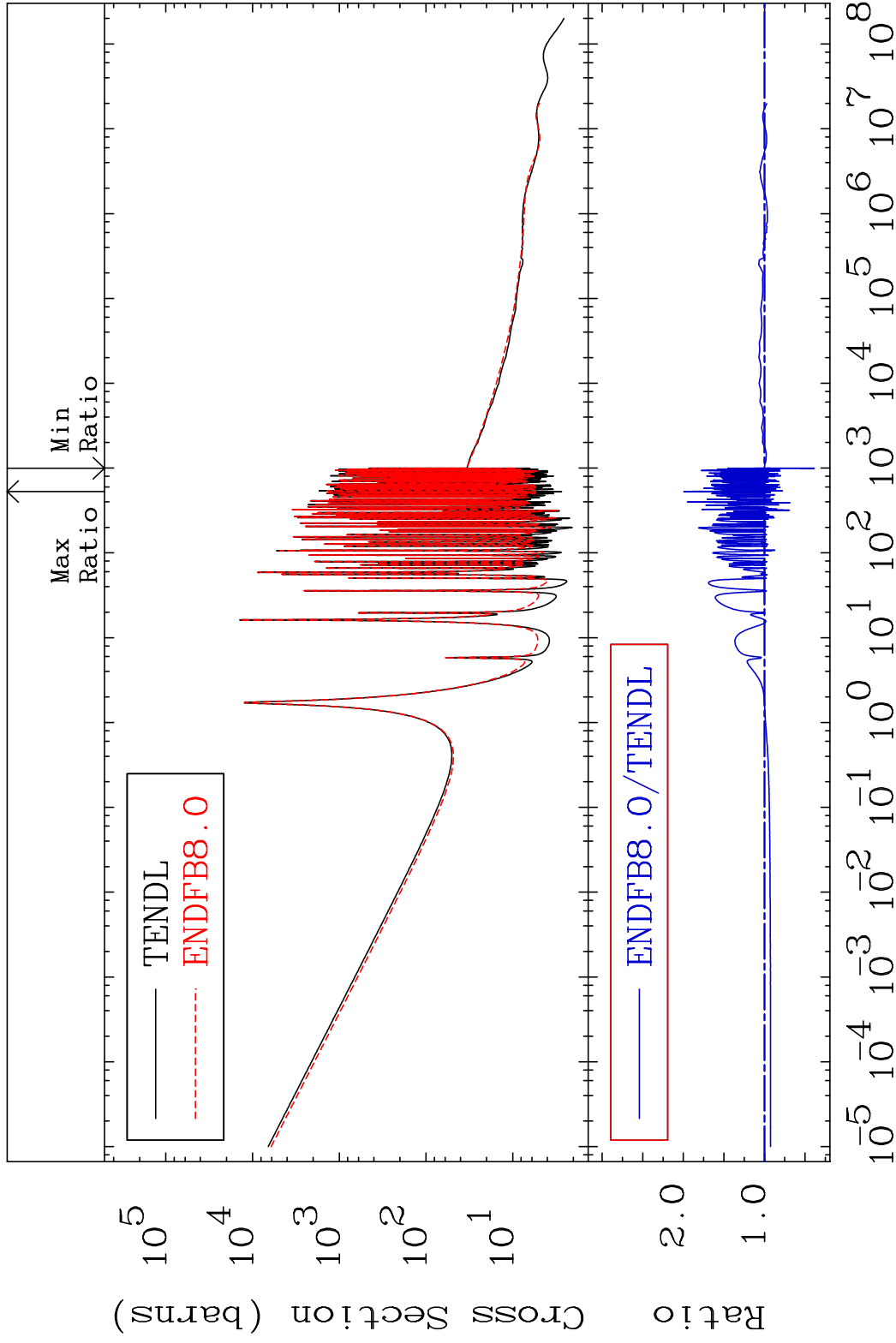
Press Mouse Button to Start

MAT 6646

Total

66-Dy-163

Cross Section -61.18 To 99.60 %



1

Incident Energy (eV)

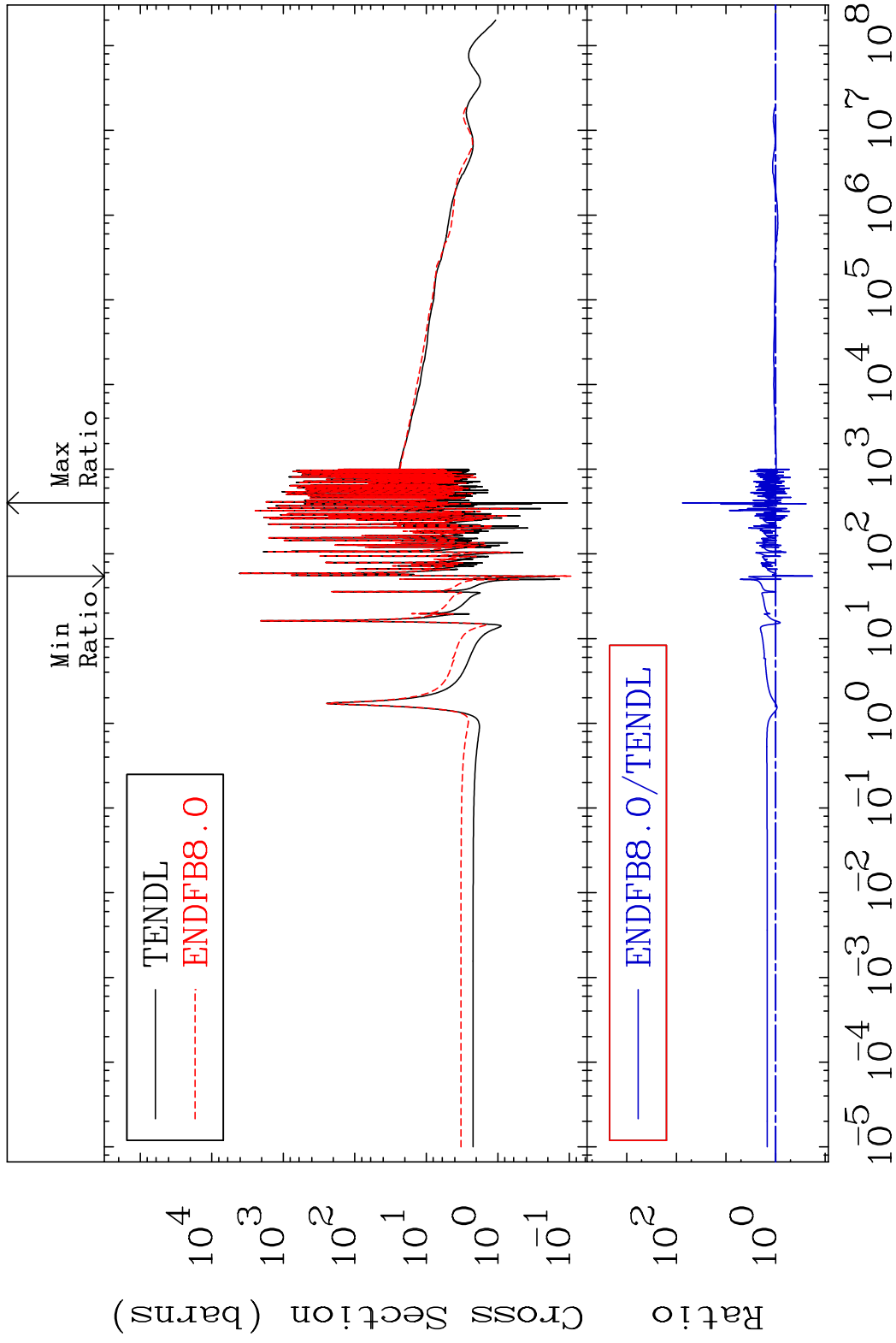
66-Dy-163

MAT 6646

Elastic

66-Dy-163

Cross Section -82.02 To 7468. %

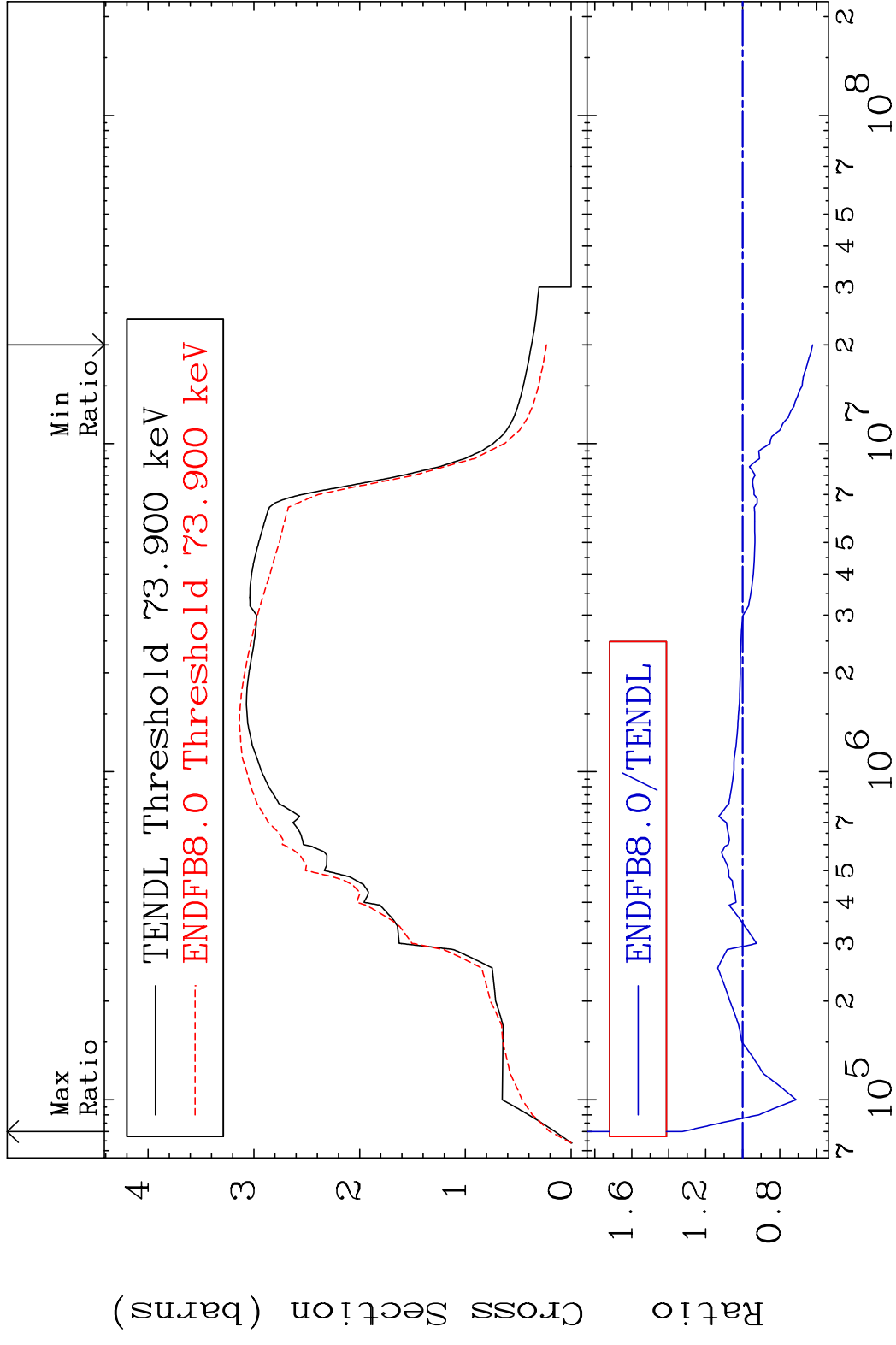


2

Incident Energy (eV)

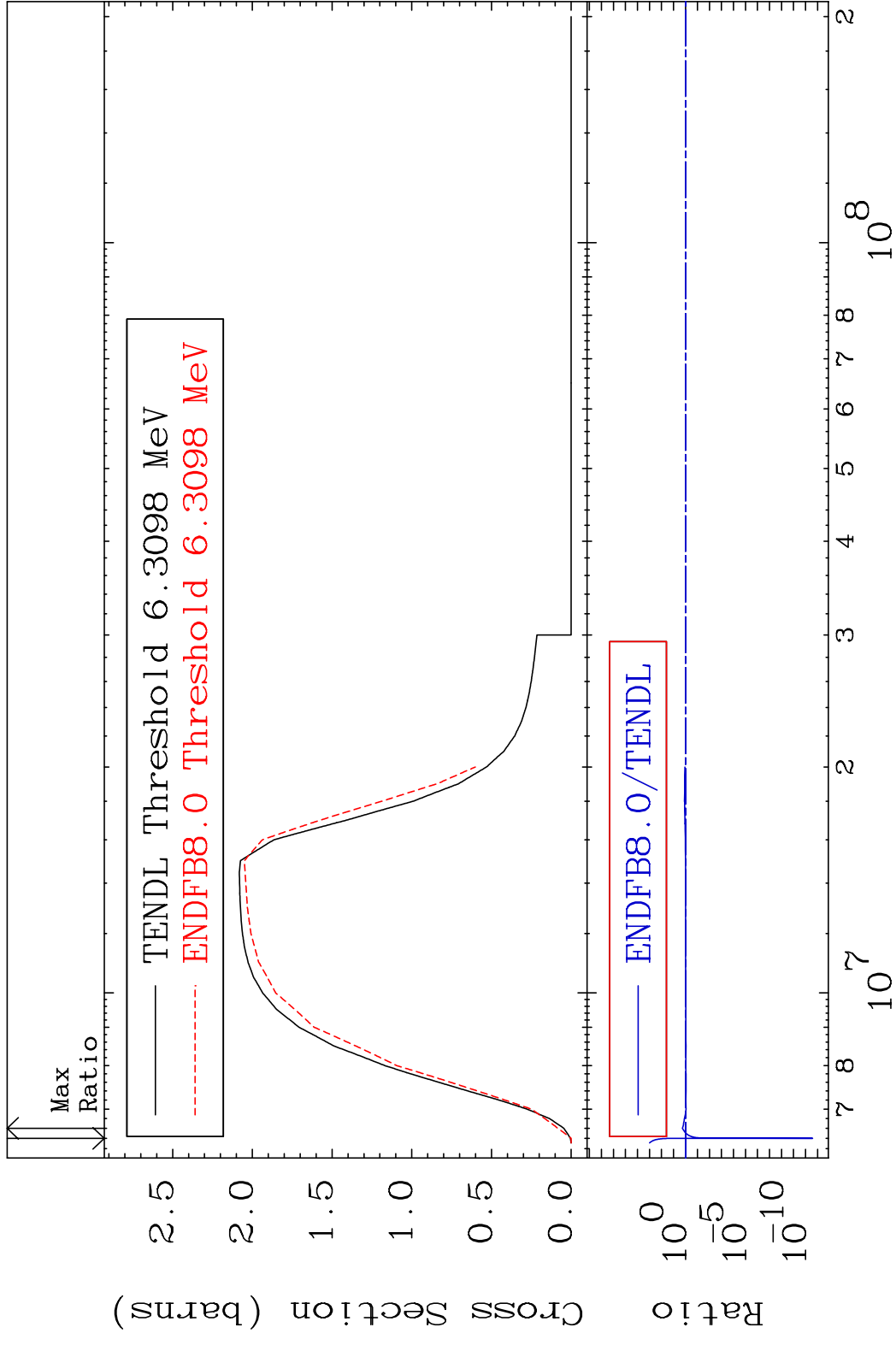
66-Dy-163

MAT 6646 Inelastic 66-Dy-163
 Cross Section -37.78 To 32.62 %



3 Incident Energy (eV) 66-Dy-163

MAT 6646 (n,2n) 66-Dy-163
 Cross Section -100.0 To 82.24 %

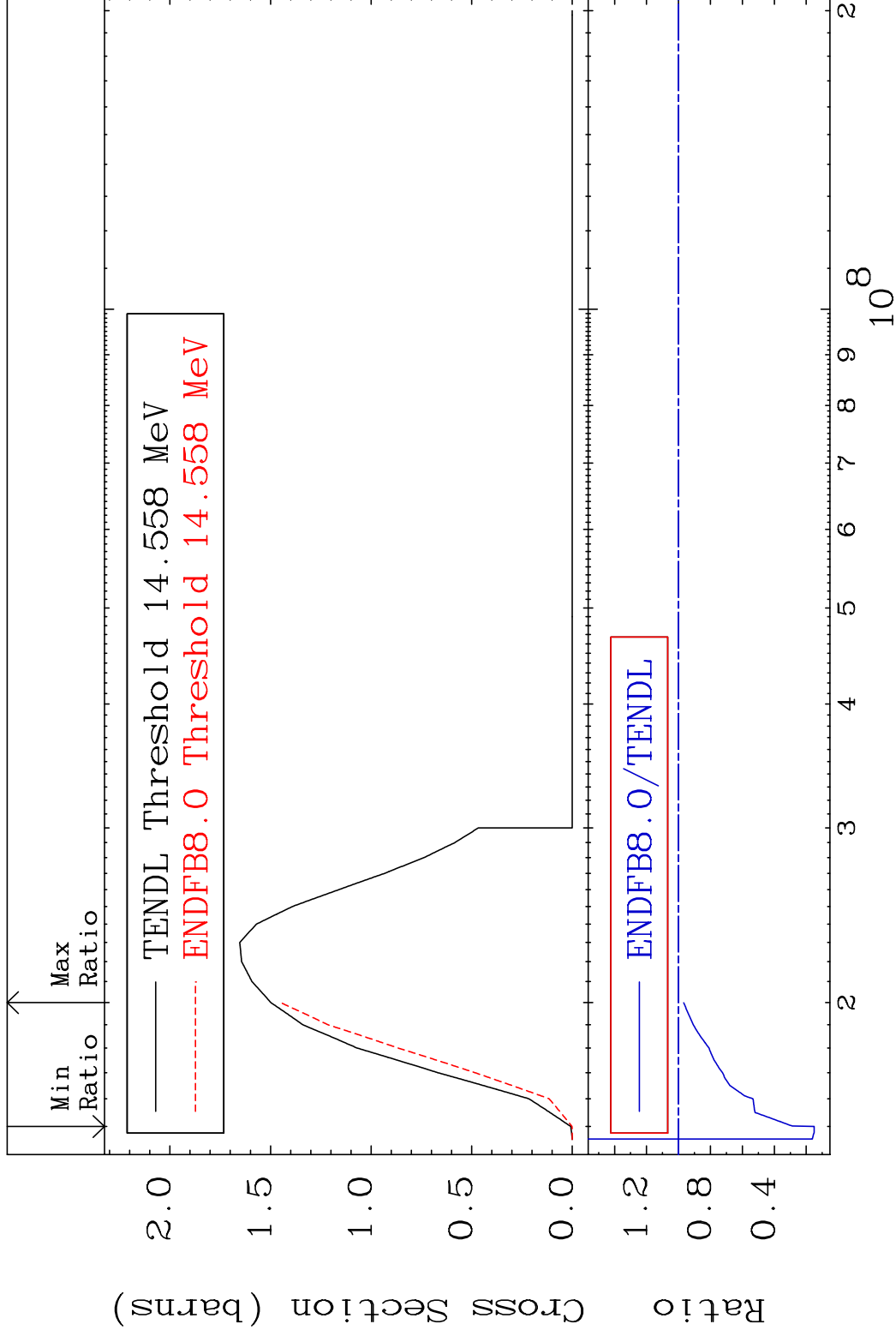


MAT 6646

(n,3n)

66-Dy-163

Cross Section -84.91 To -3.241%



5

Incident Energy (eV)

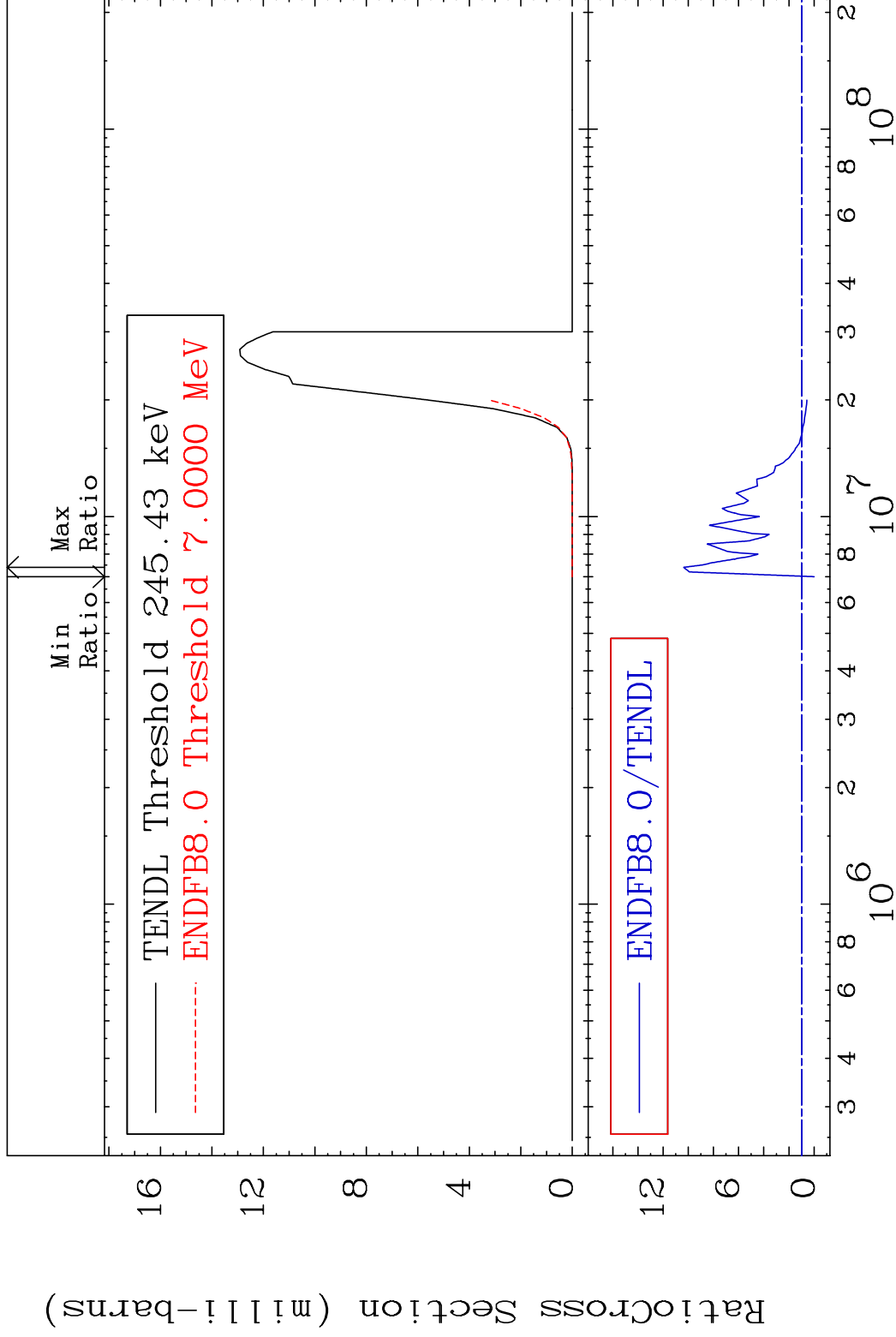
66-Dy-163

MAT 6646

(n, n') α

66-Dy-163

Cross Section -100.0 To 936.7 %



6

Incident Energy (eV)

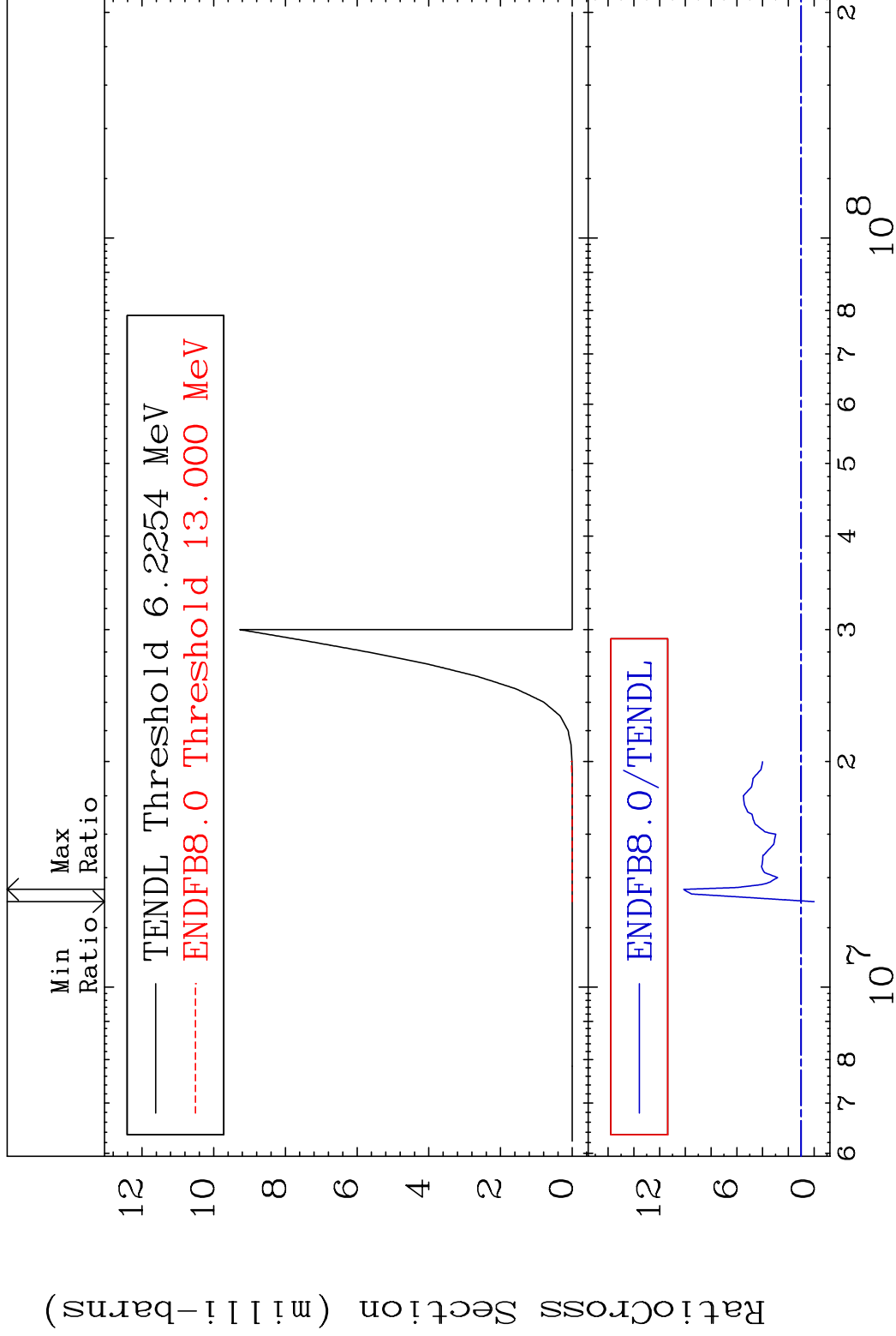
66-Dy-163

MAT 6646

(n,2n) α

66-Dy-163

Cross Section -100.0 To 913.2 %



7

Incident Energy (eV)

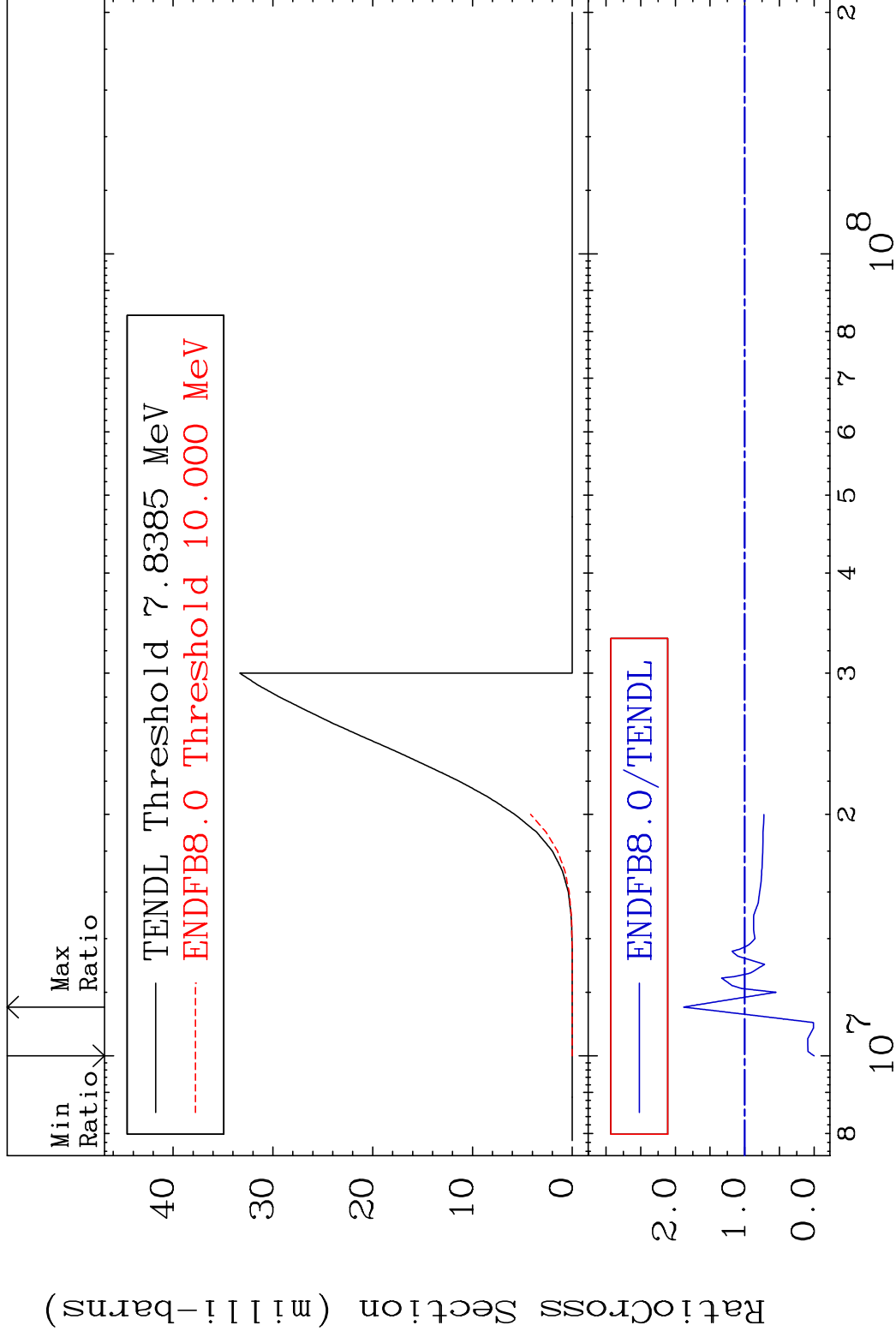
66-Dy-163

MAT 6646

(n, n') p

66-Dy-163

Cross Section -100.0 To 88.07 %



8

Incident Energy (eV)

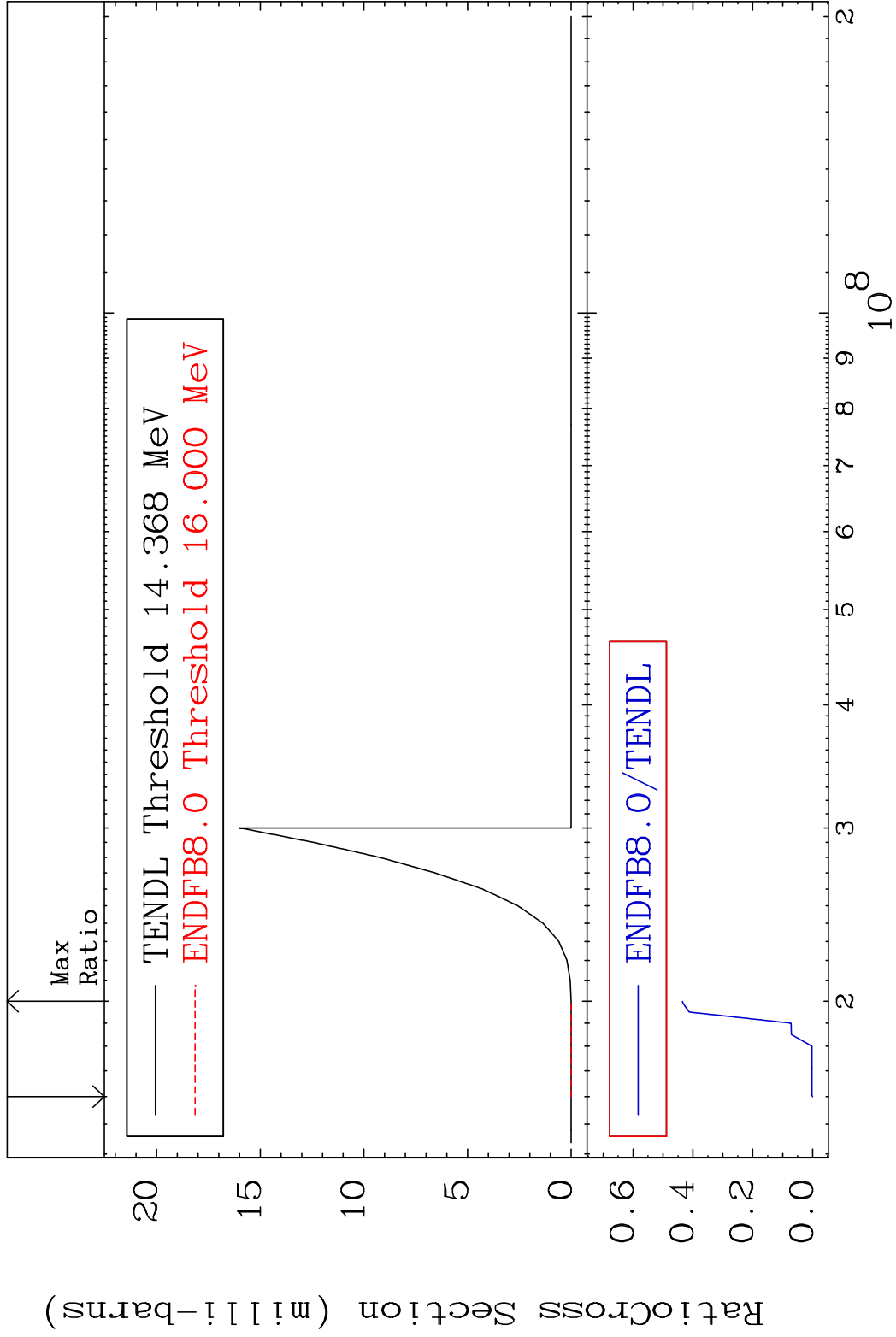
66-Dy-163

MAT 6646

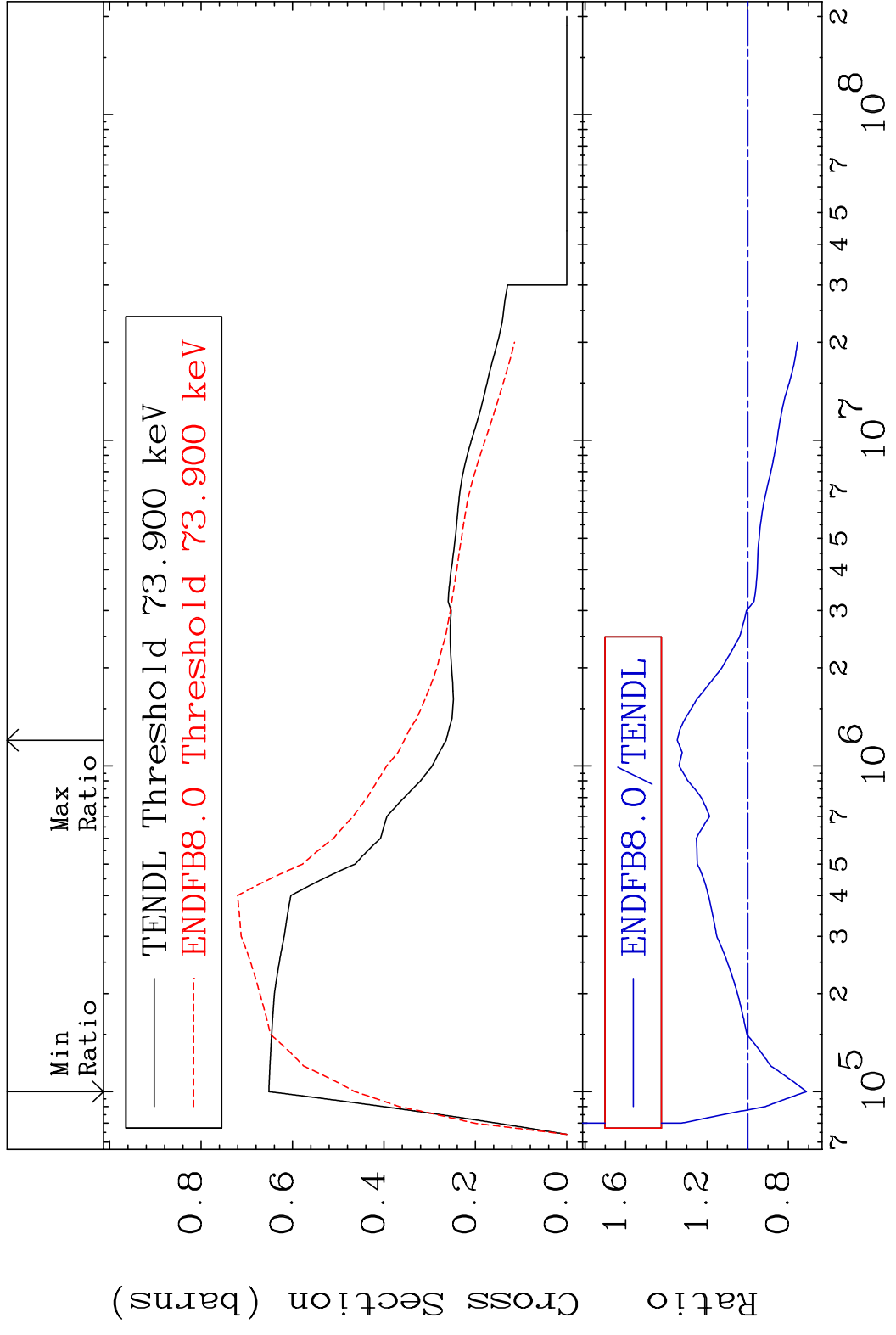
(n,2n) p

66-Dy-163

Cross Section -100.0 To -56.47%

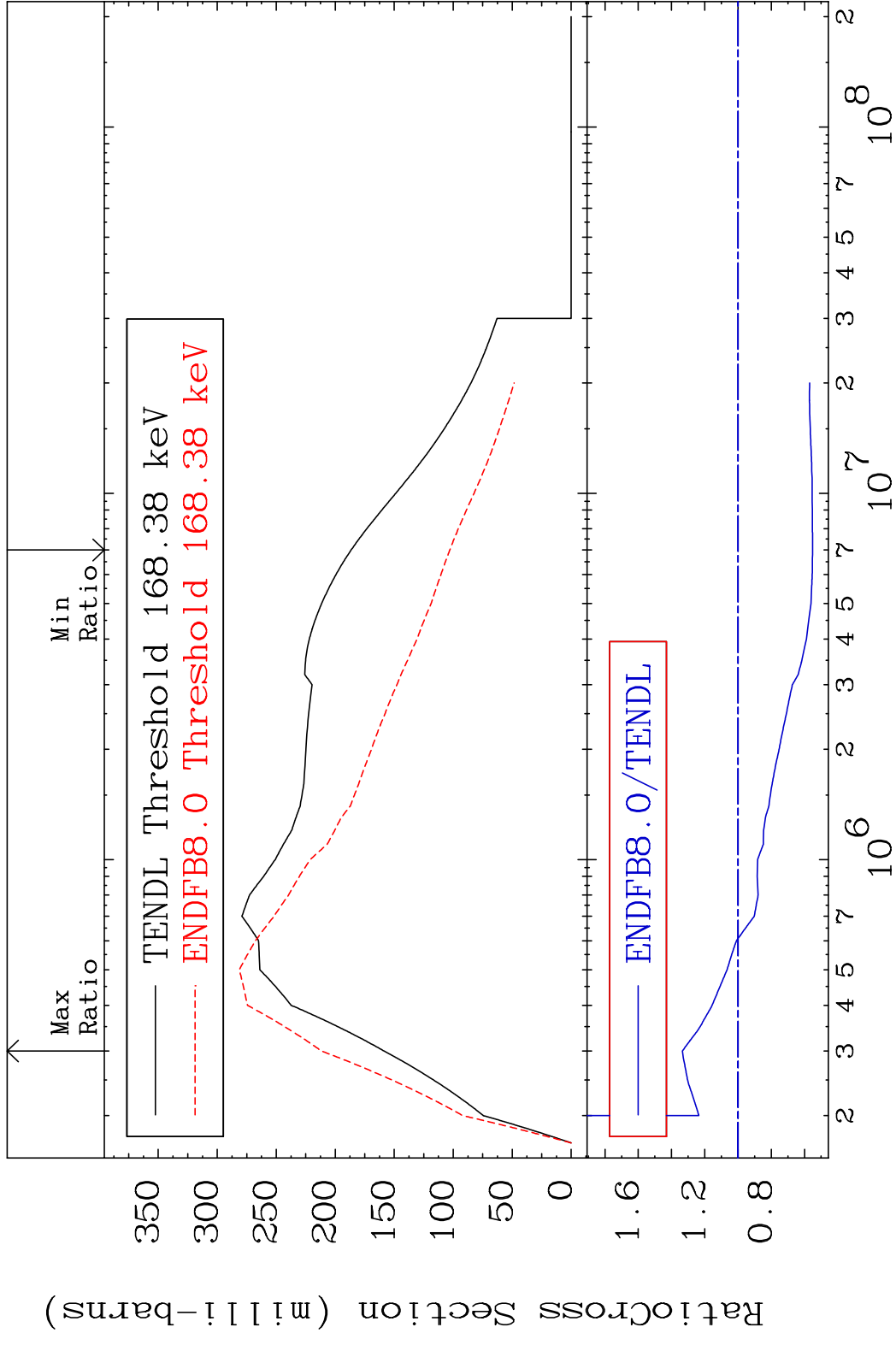


MAT 6646 MT= 51 (n, n') Level 66-Dy-163
 Cross Section -28.87 To 34.68 %

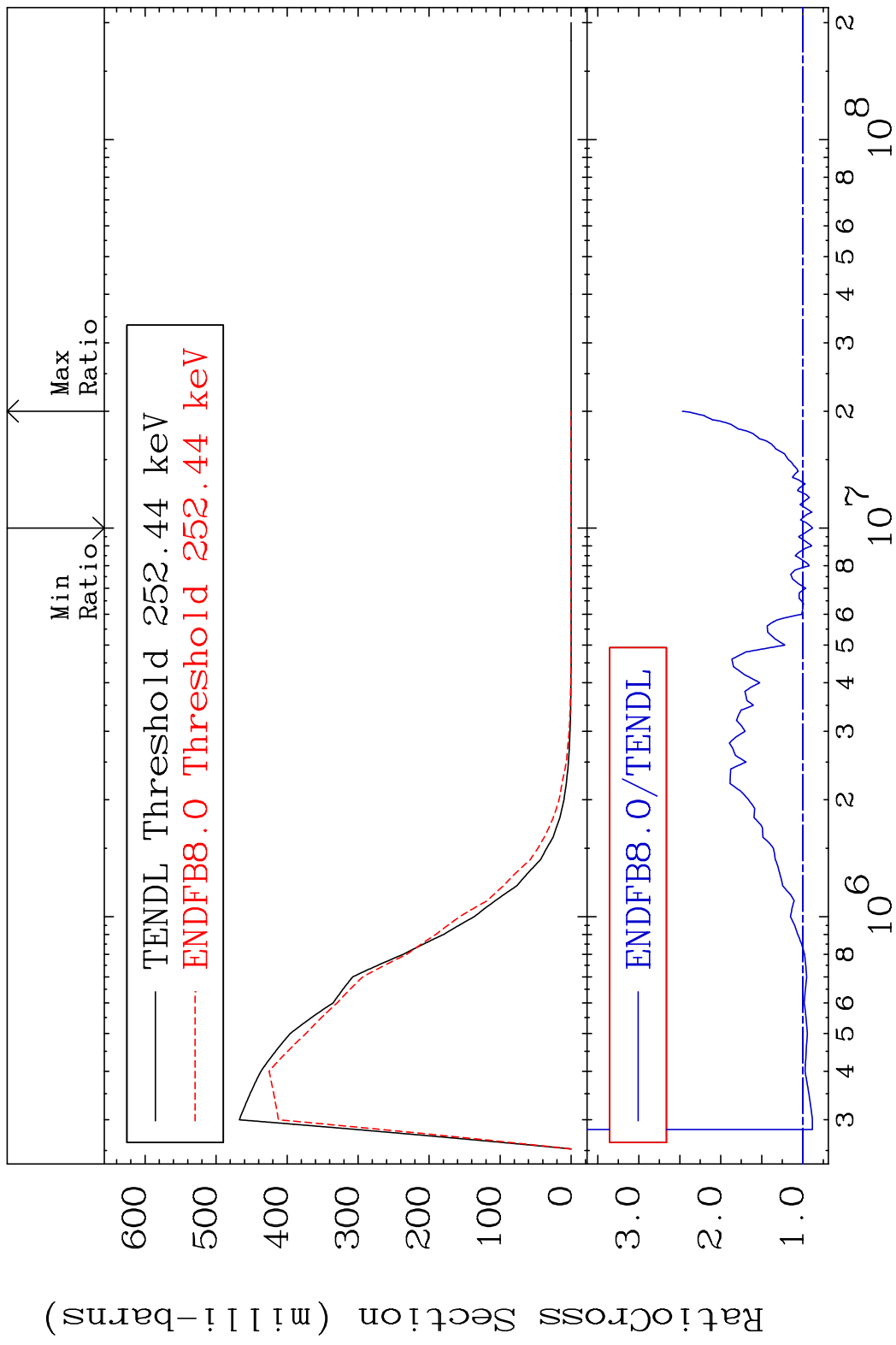


10 Incident Energy (eV) 66-Dy-163

MAT 6646 MT= 52 (n, n') Level 66-Dy-163
 Cross Section -44.83 To 33.48 %

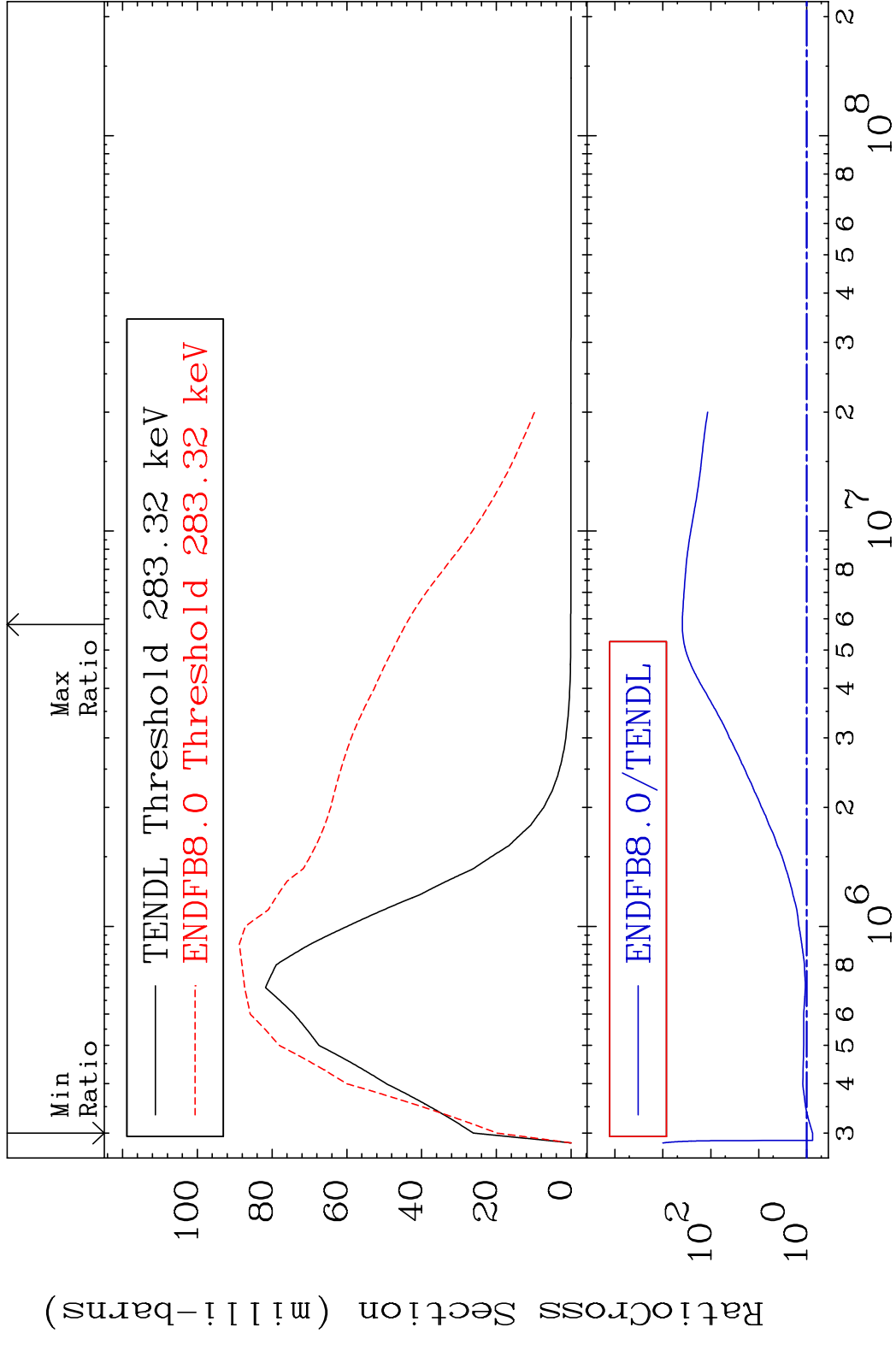


MAT 6646 MT= 53 (n, n') Level 66-Dy-163
 Cross Section -11.87 To 146.9 %

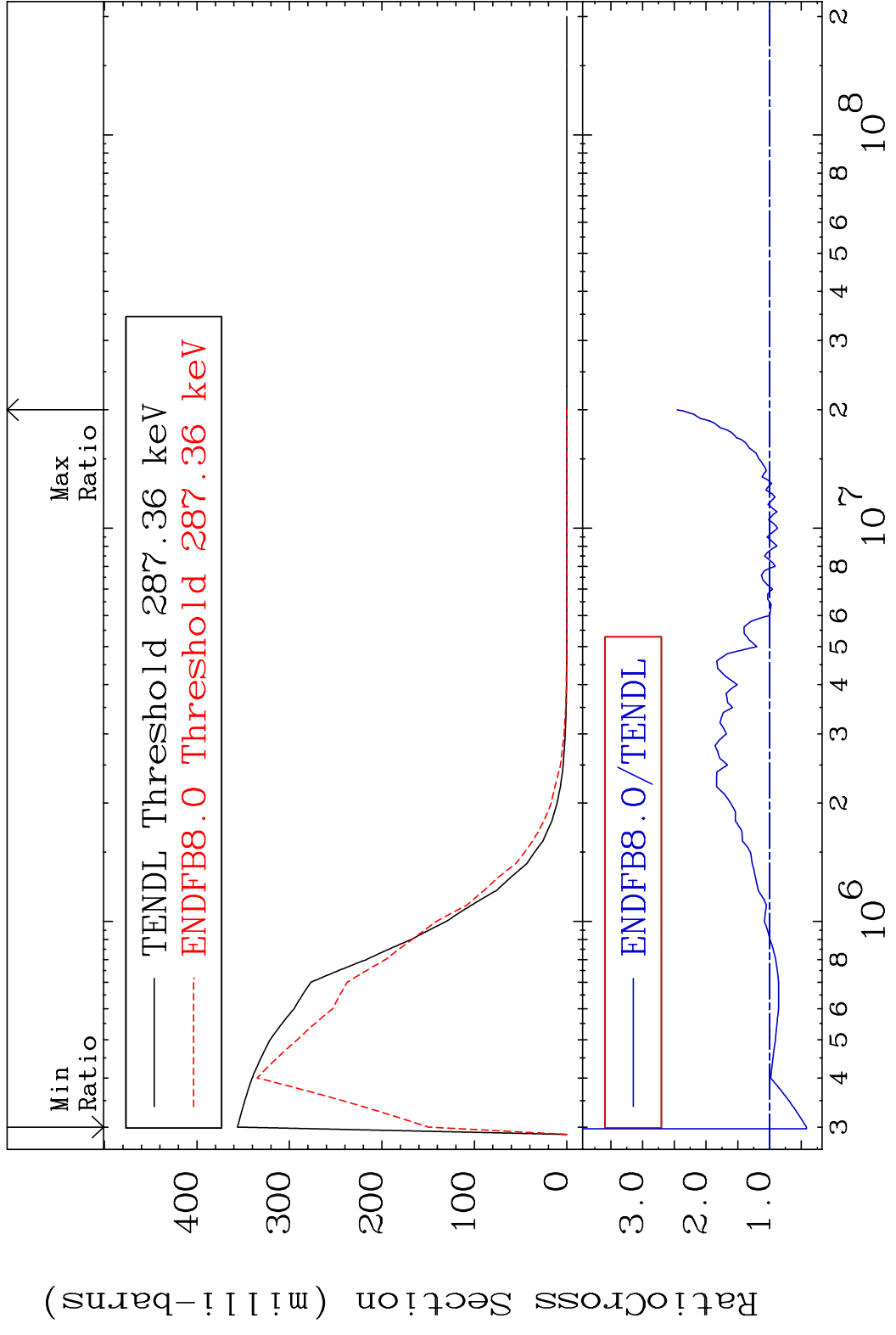


12 Incident Energy (eV) 66-Dy-163

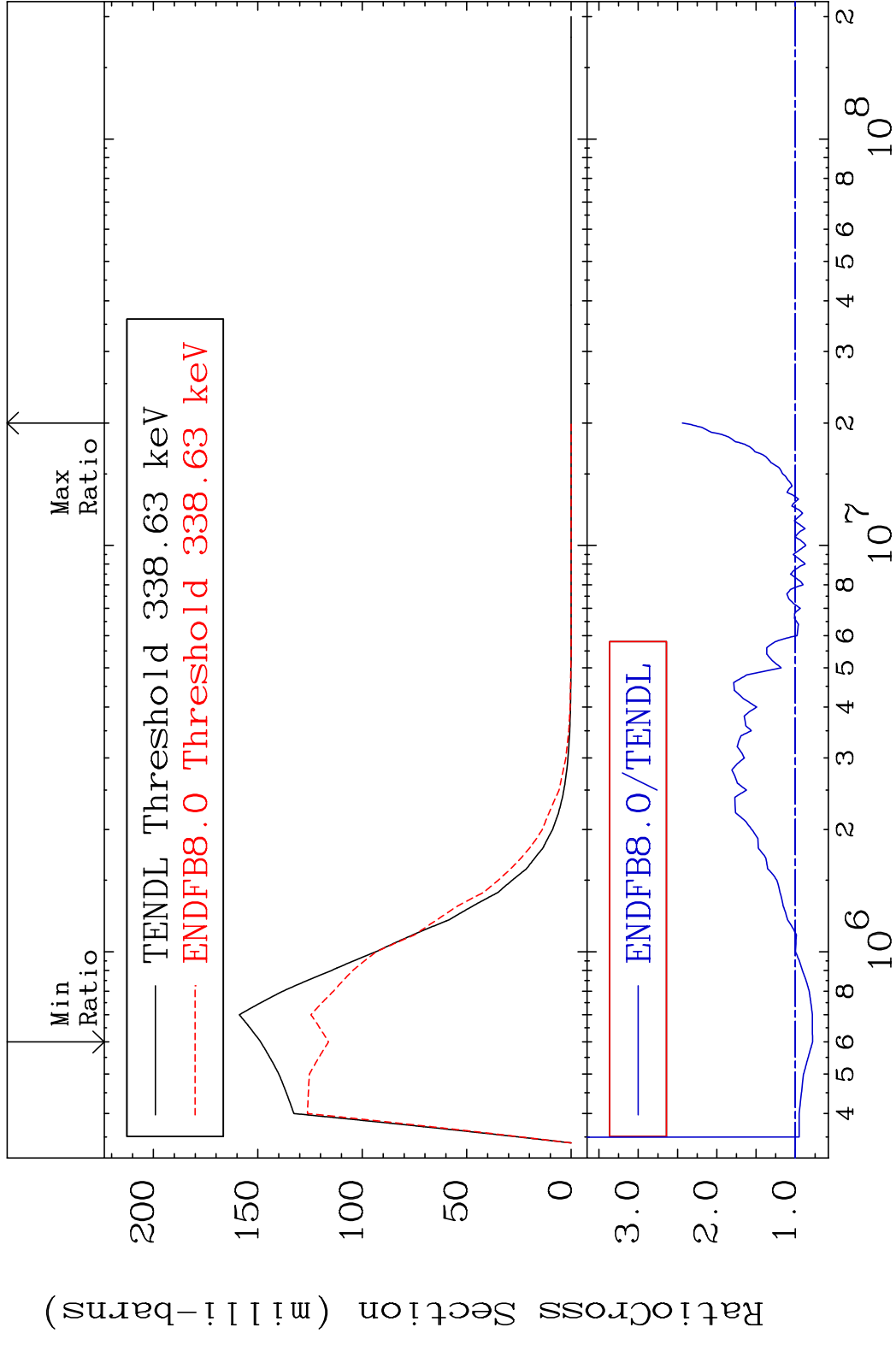
MAT 6646 MT= 54 (n, n') Level 66-Dy-163
 Cross Section -24.22 To 9999. %



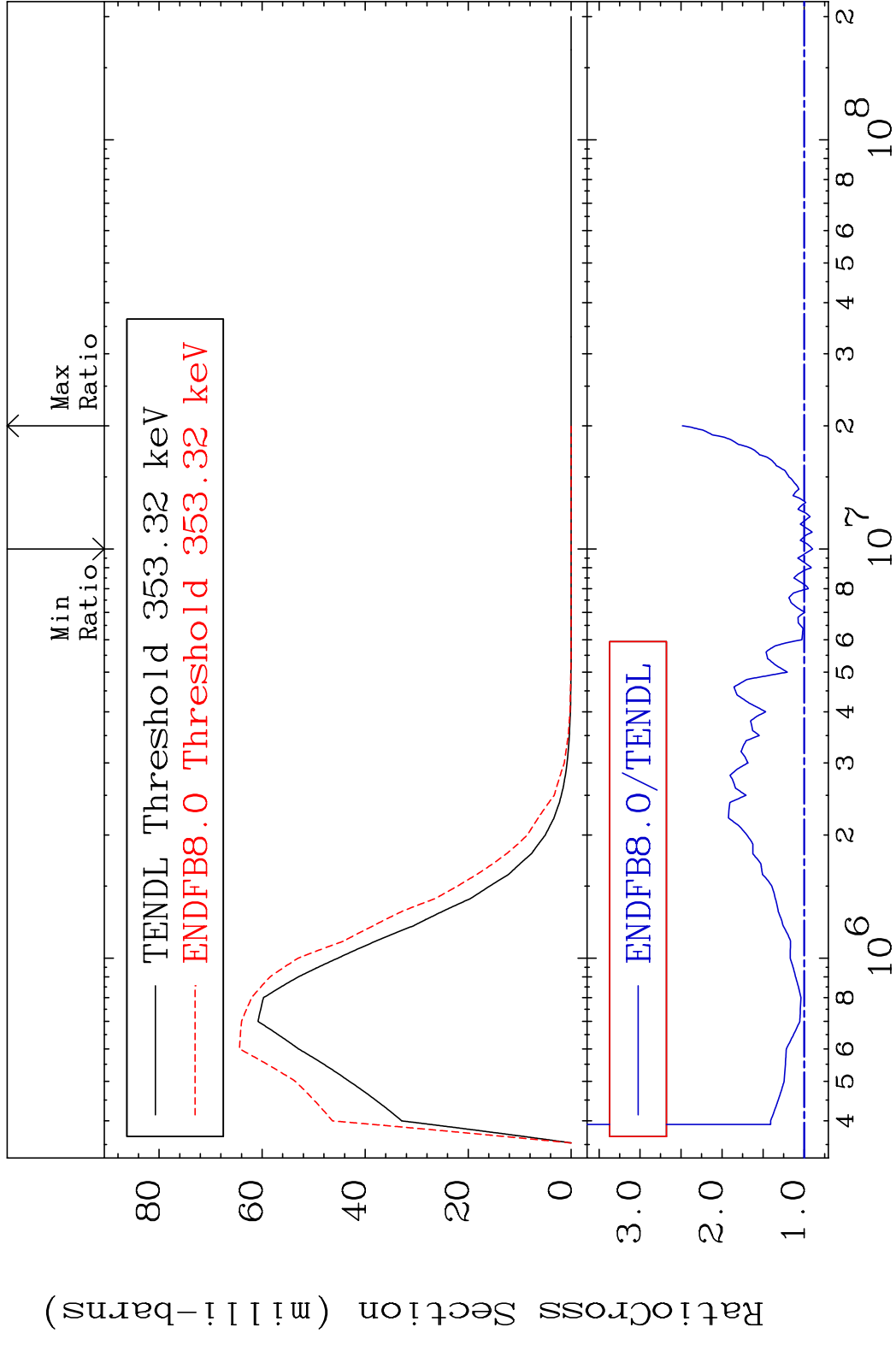
MAT 6646 MT= 55 (n, n') Level 66-Dy-163
 Cross Section -57.96 To 145.5 %



MAT 6646 MT= 56 (n, n') Level 66-Dy-163
 Cross Section -21.86 To 143.9 %

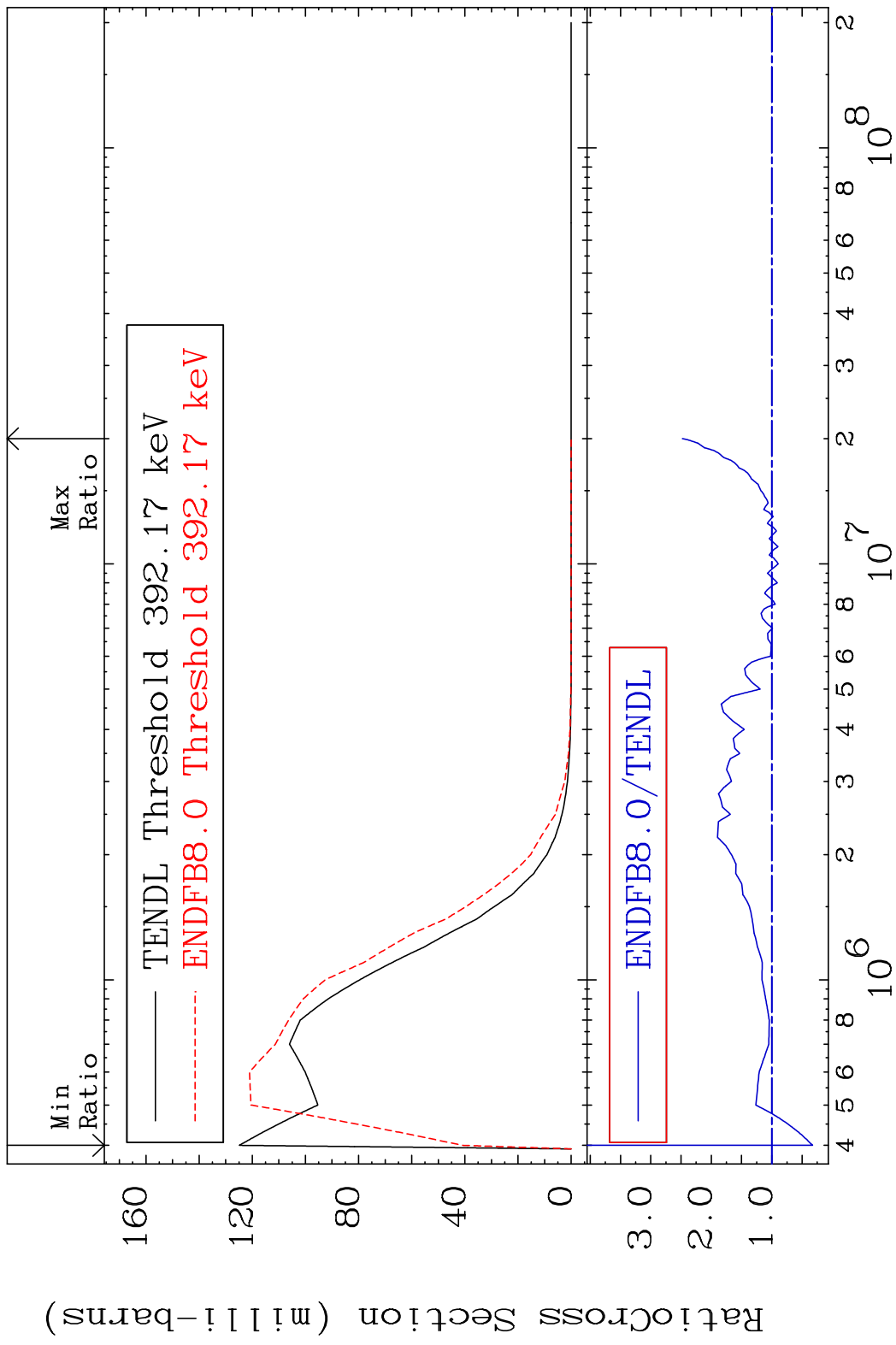


MAT 6646 MT= 57 (n, n') Level 66-Dy-163
 Cross Section -10.27 To 148.5 %

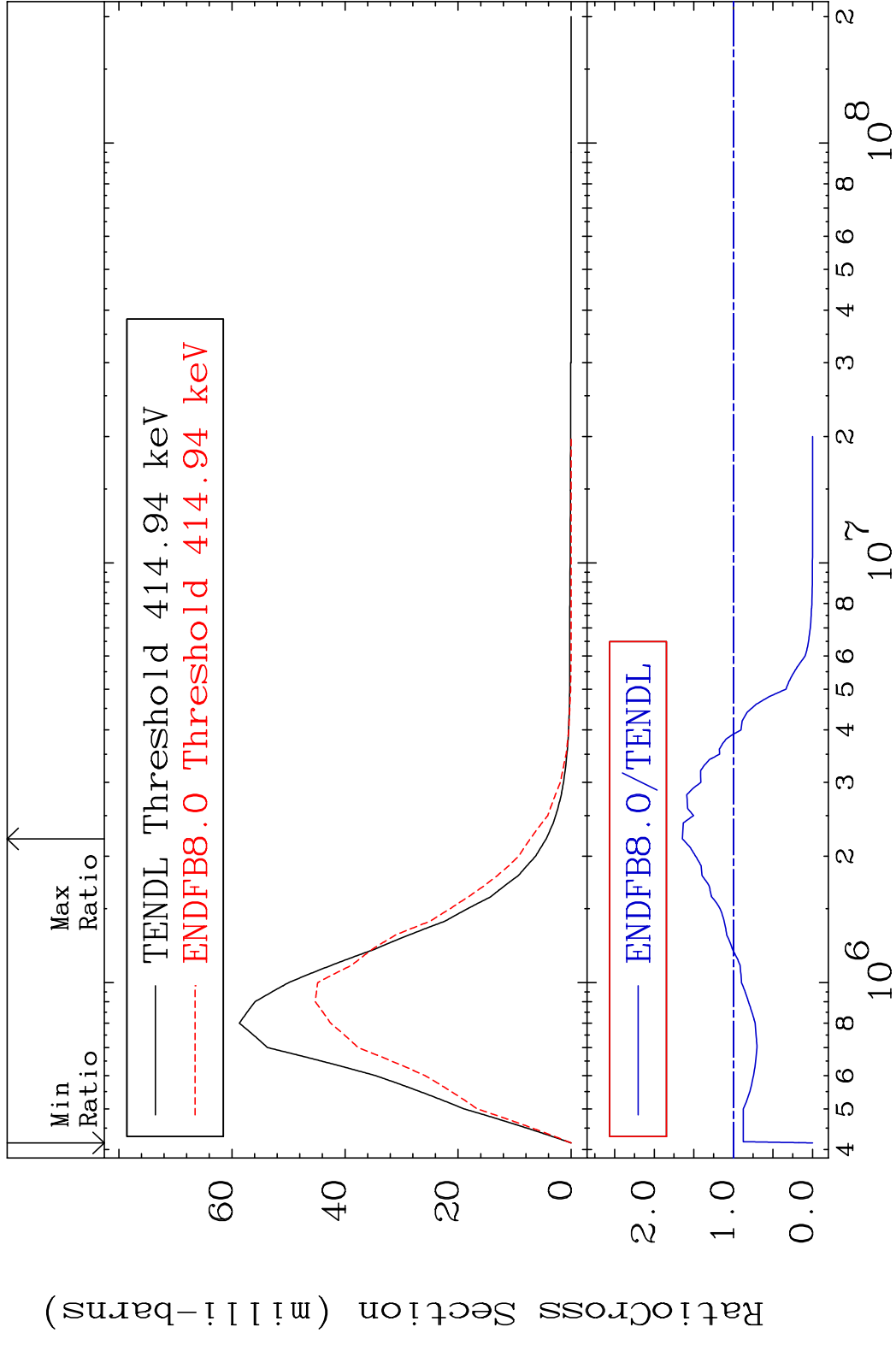


16 Incident Energy (eV) 66-Dy-163

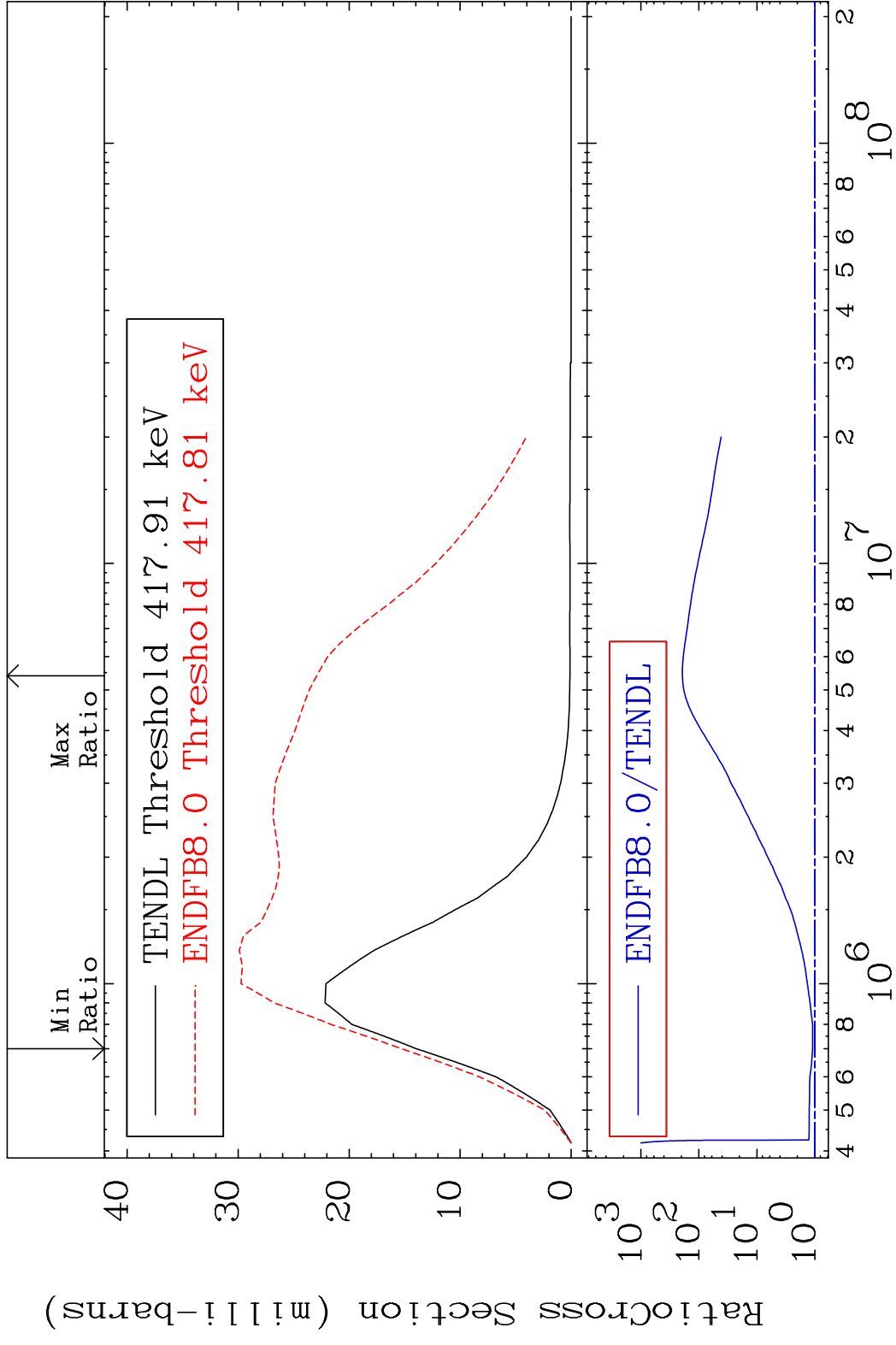
MAT 6646 MT= 58 (n, n') Level 66-Dy-163
 Cross Section -67.27 To 147.8 %



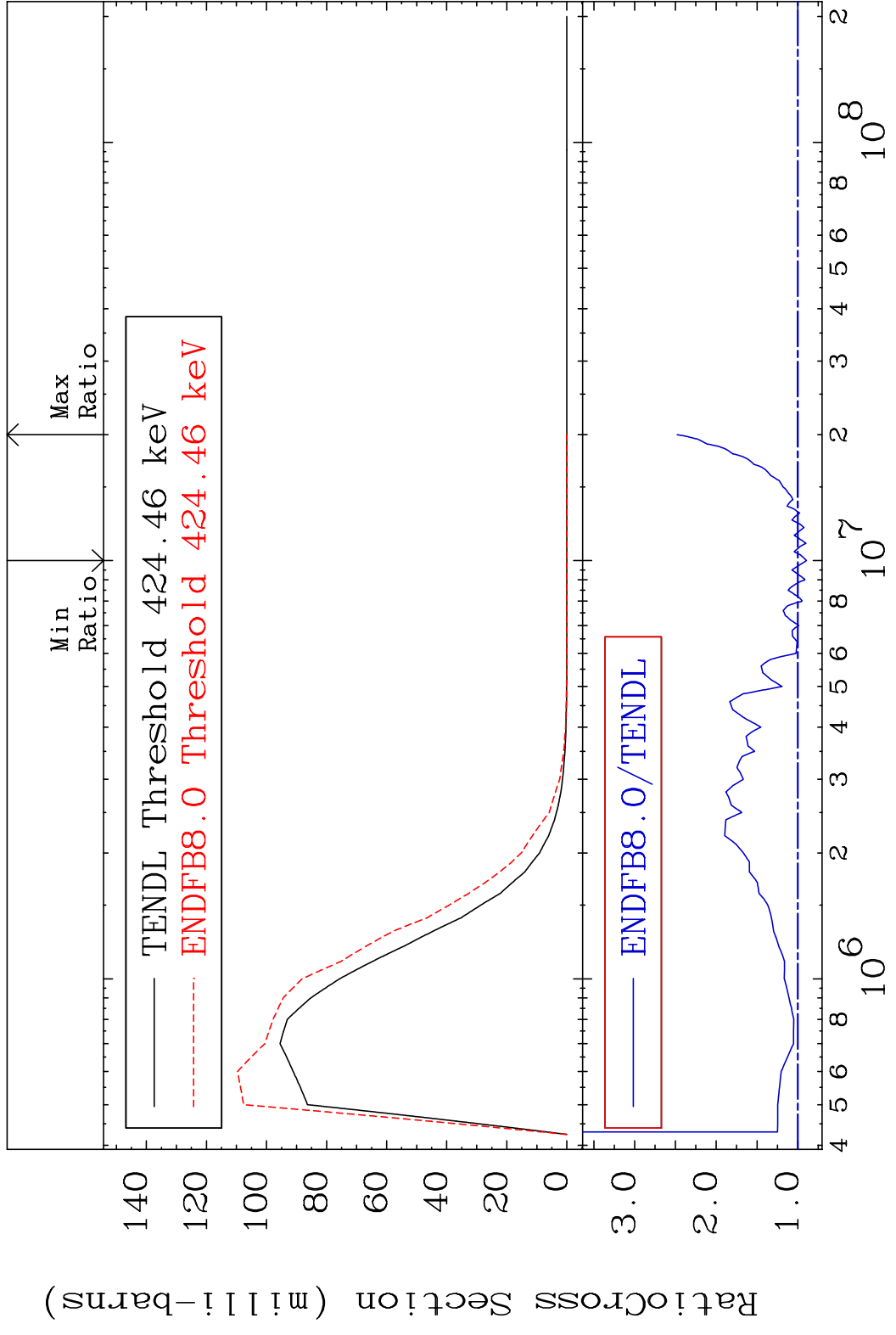
MAT 6646 MT= 59 (n, n') Level 66-Dy-163
 Cross Section -100.0 To 64.51 %



MAT 6646 MT= 60 (n, n') Level 66-Dy-163
 Cross Section 9.506 To 9999. %

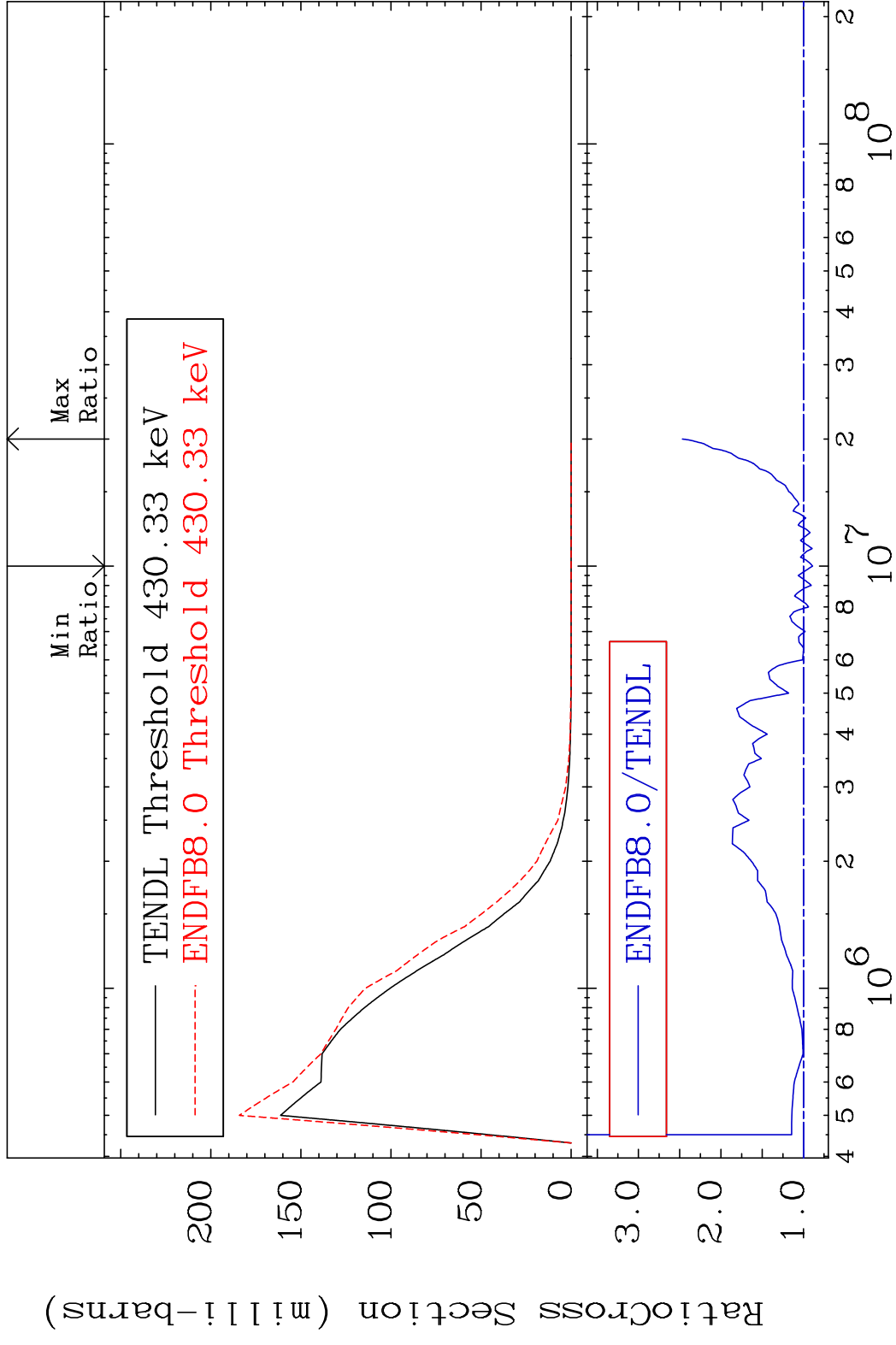


MAT 6646 MT= 61 (n, n') Level 66-Dy-163
 Cross Section -10.54 To 147.8 %

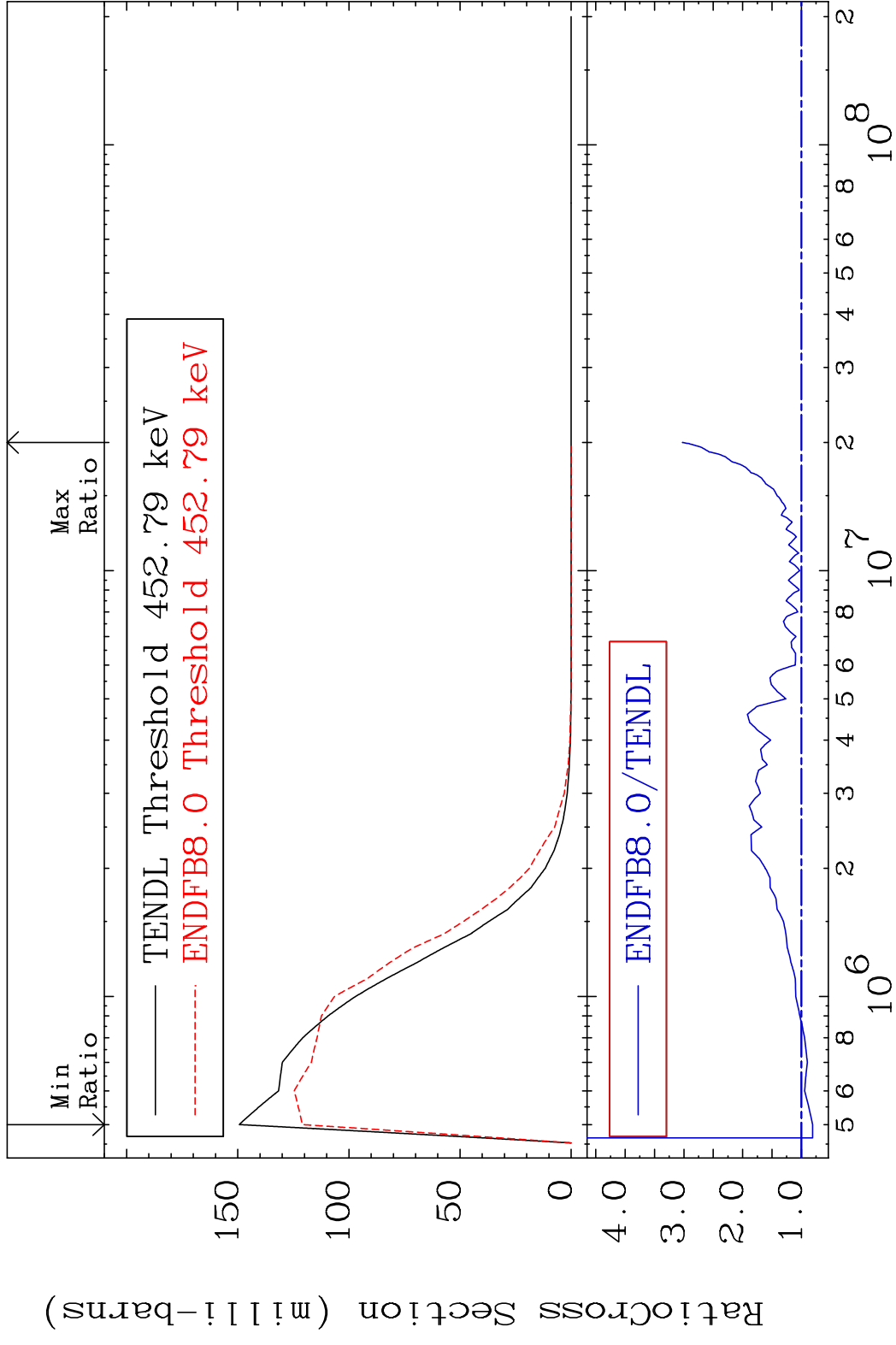


20 Incident Energy (eV) 66-Dy-163

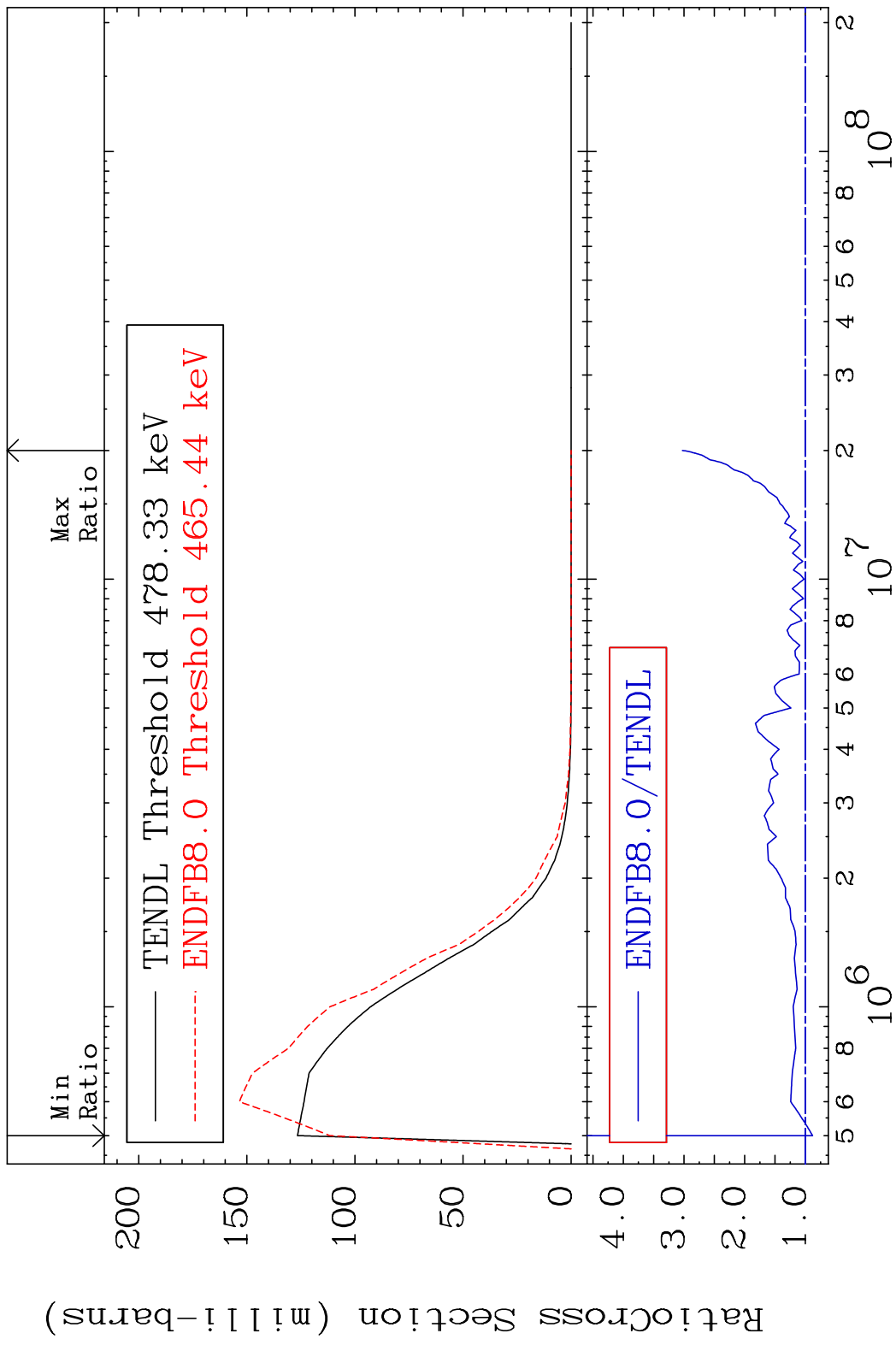
MAT 6646 MT= 62 (n, n') Level 66-Dy-163
 Cross Section -11.00 To 146.8 %



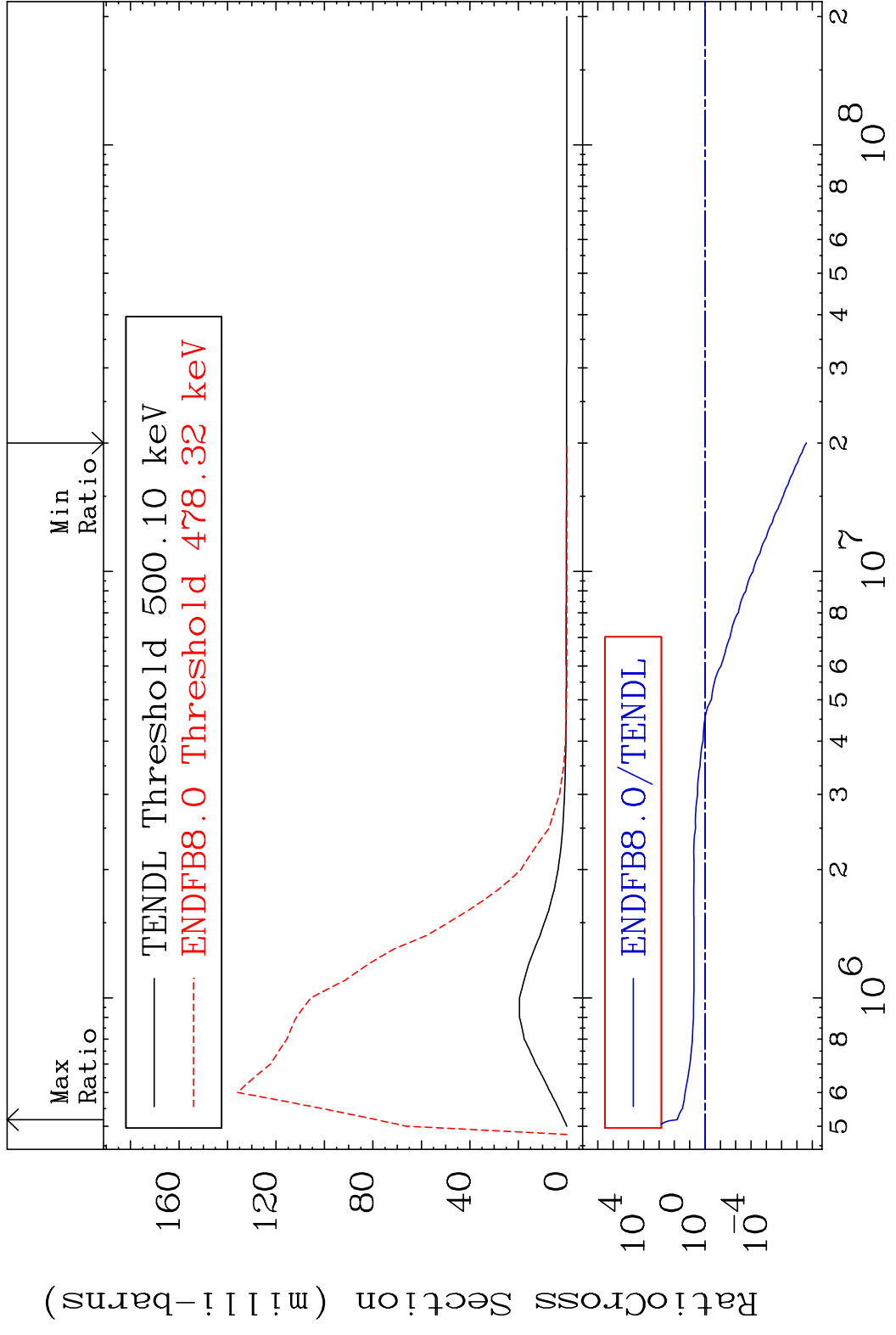
MAT 6646 MT= 63 (n, n') Level 66-Dy-163
 Cross Section -18.98 To 202.7 %



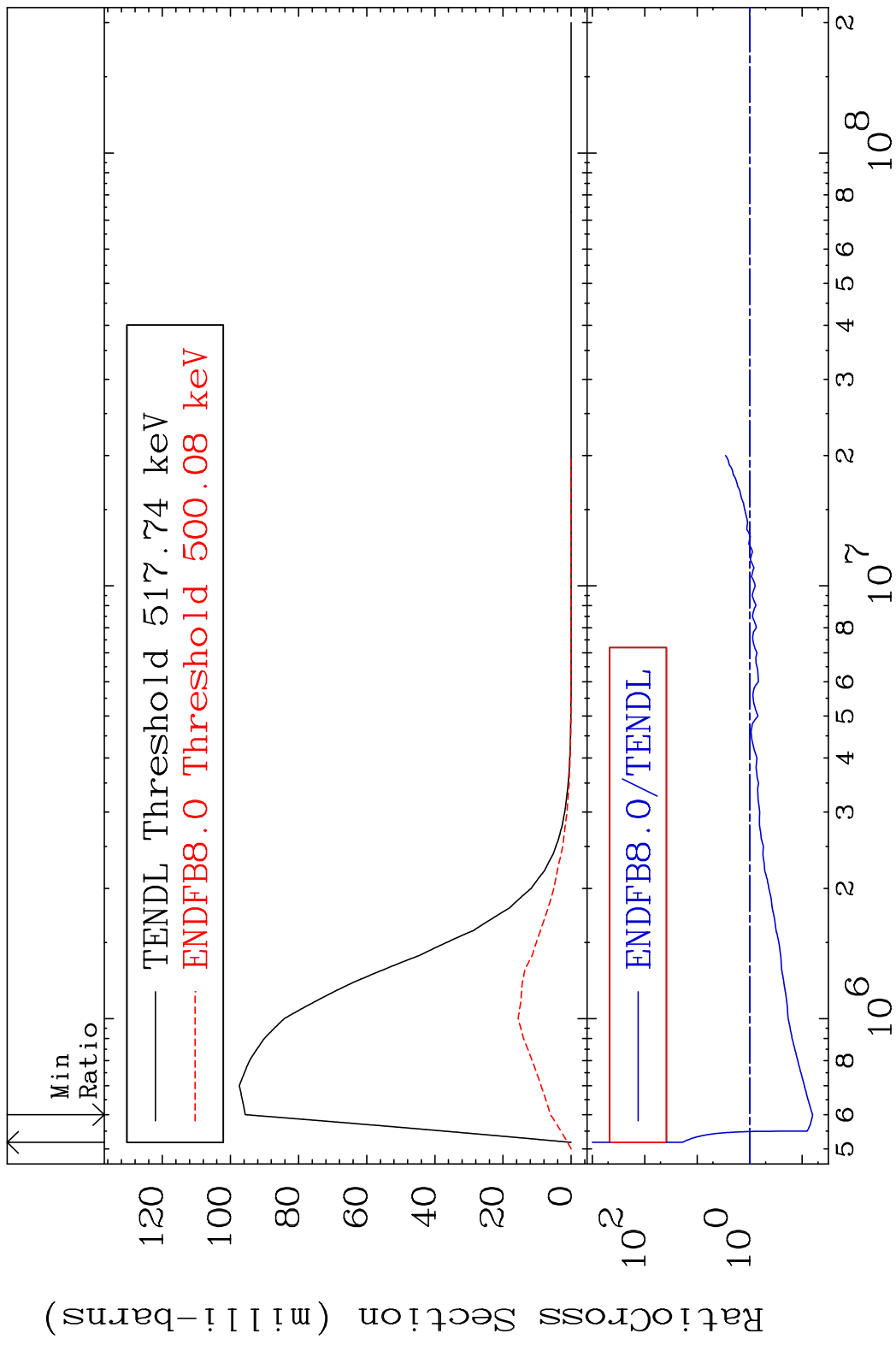
MAT 6646 MT= 64 (n, n') Level 66-Dy-163
 Cross Section -11.79 To 202.7 %



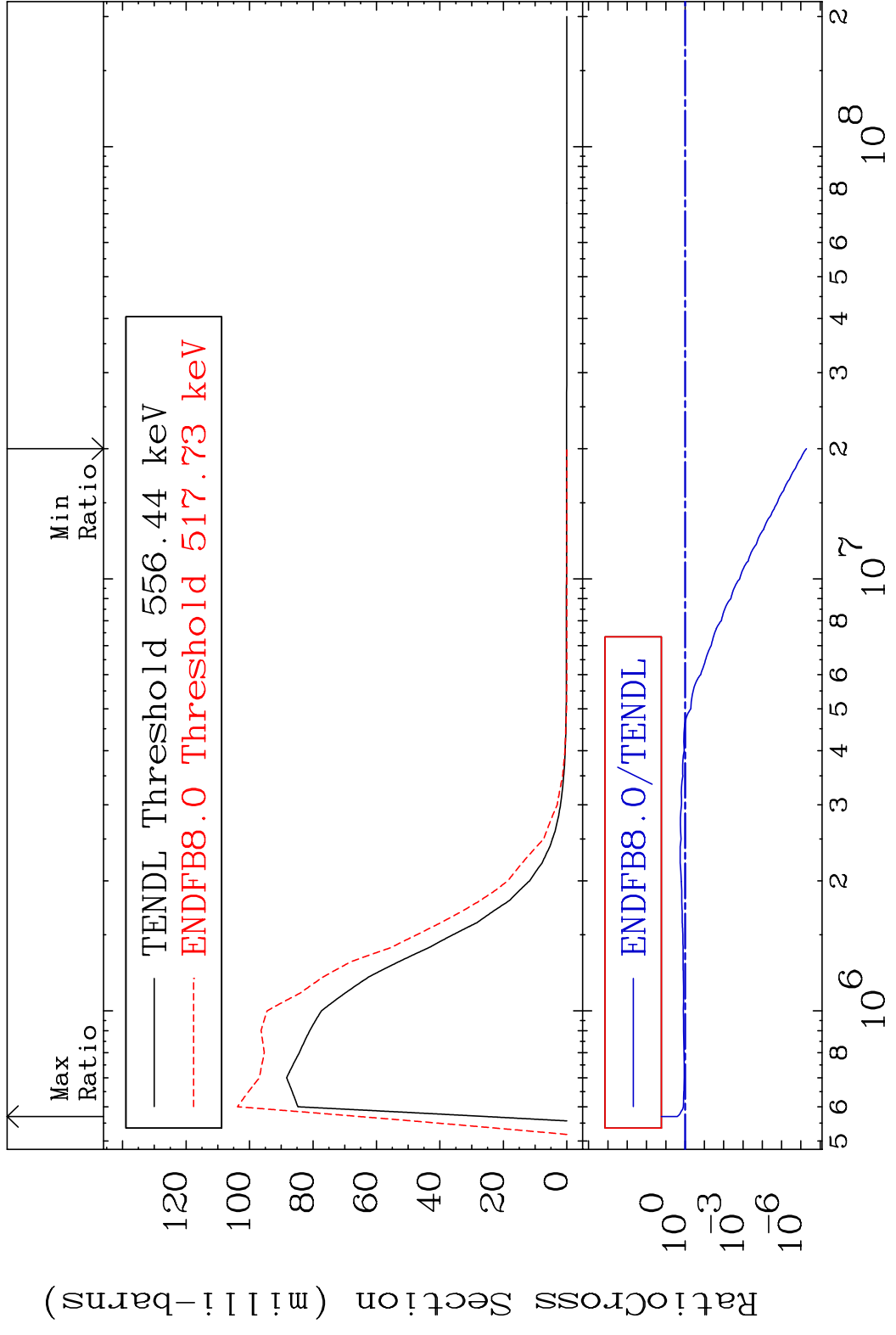
MAT 6646 MT= 65 (n, n') Level 66-Dy-163
 Cross Section -100.0 To 6445. %



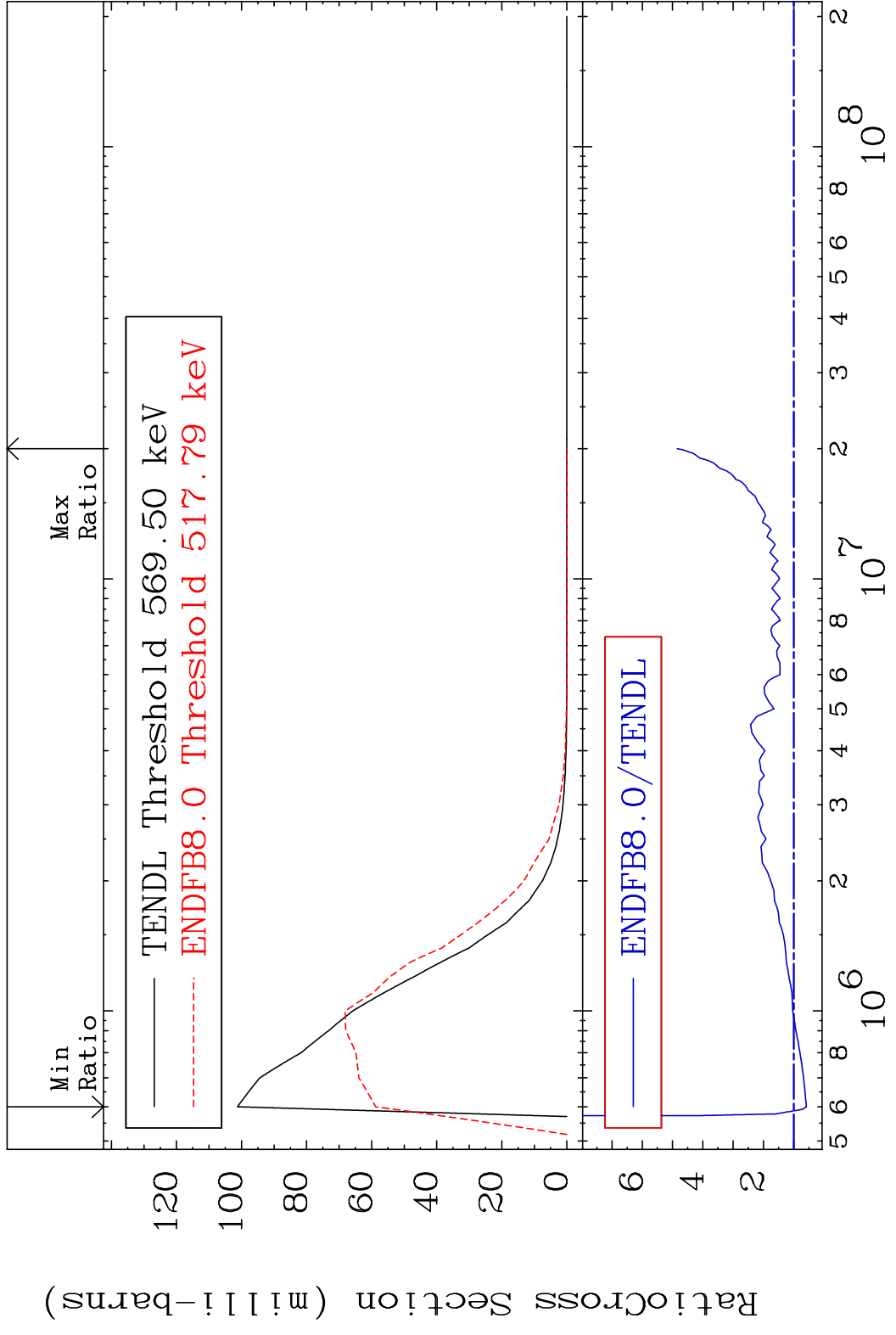
MAT 6646 MT= 66 (n, n') Level 66-Dy-163
 Cross Section -93.65 To 1824. %



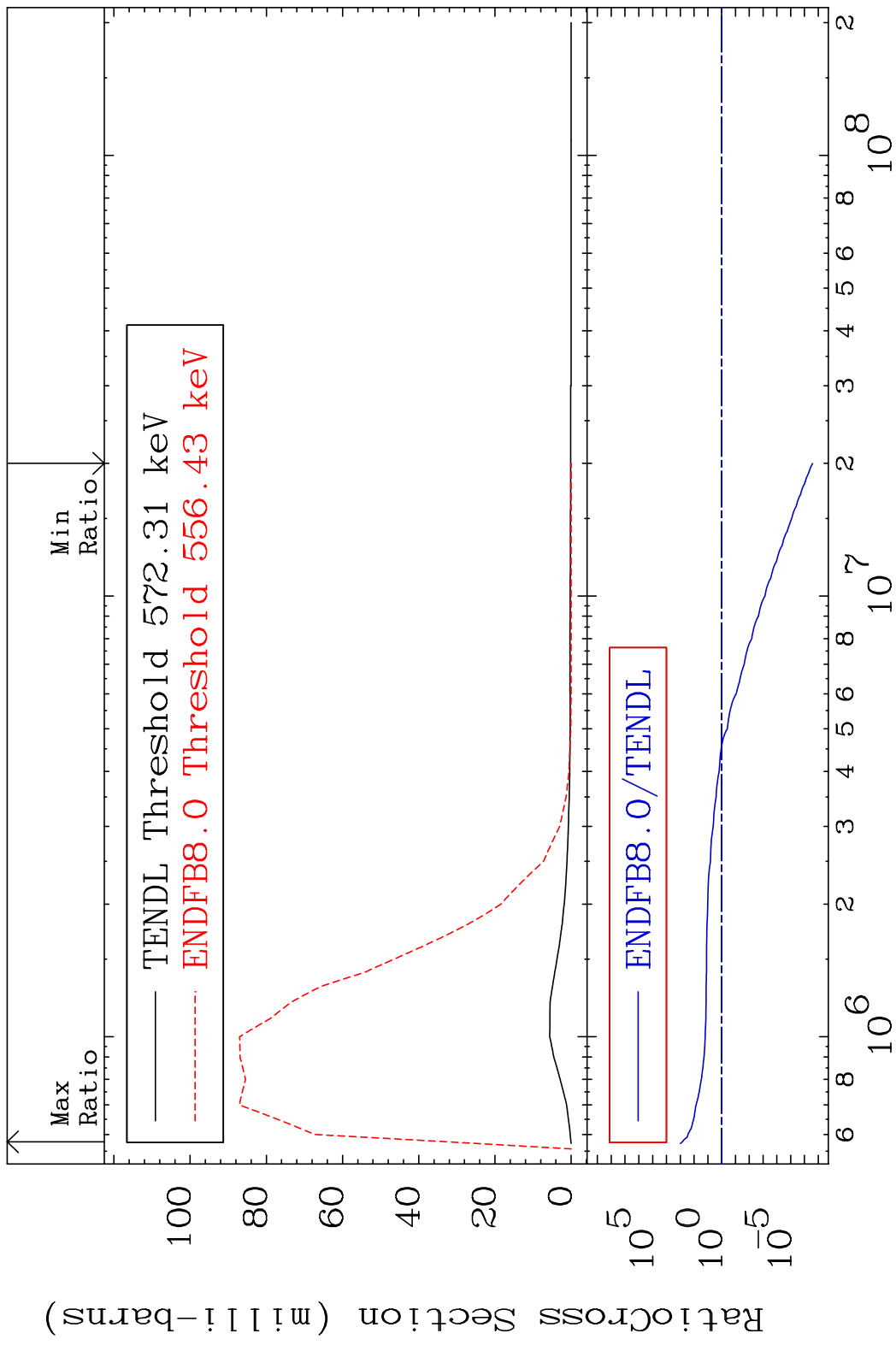
MAT 6646 MT= 67 (n, n') Level 66-Dy-163
 Cross Section -100.0 To 156.9 %



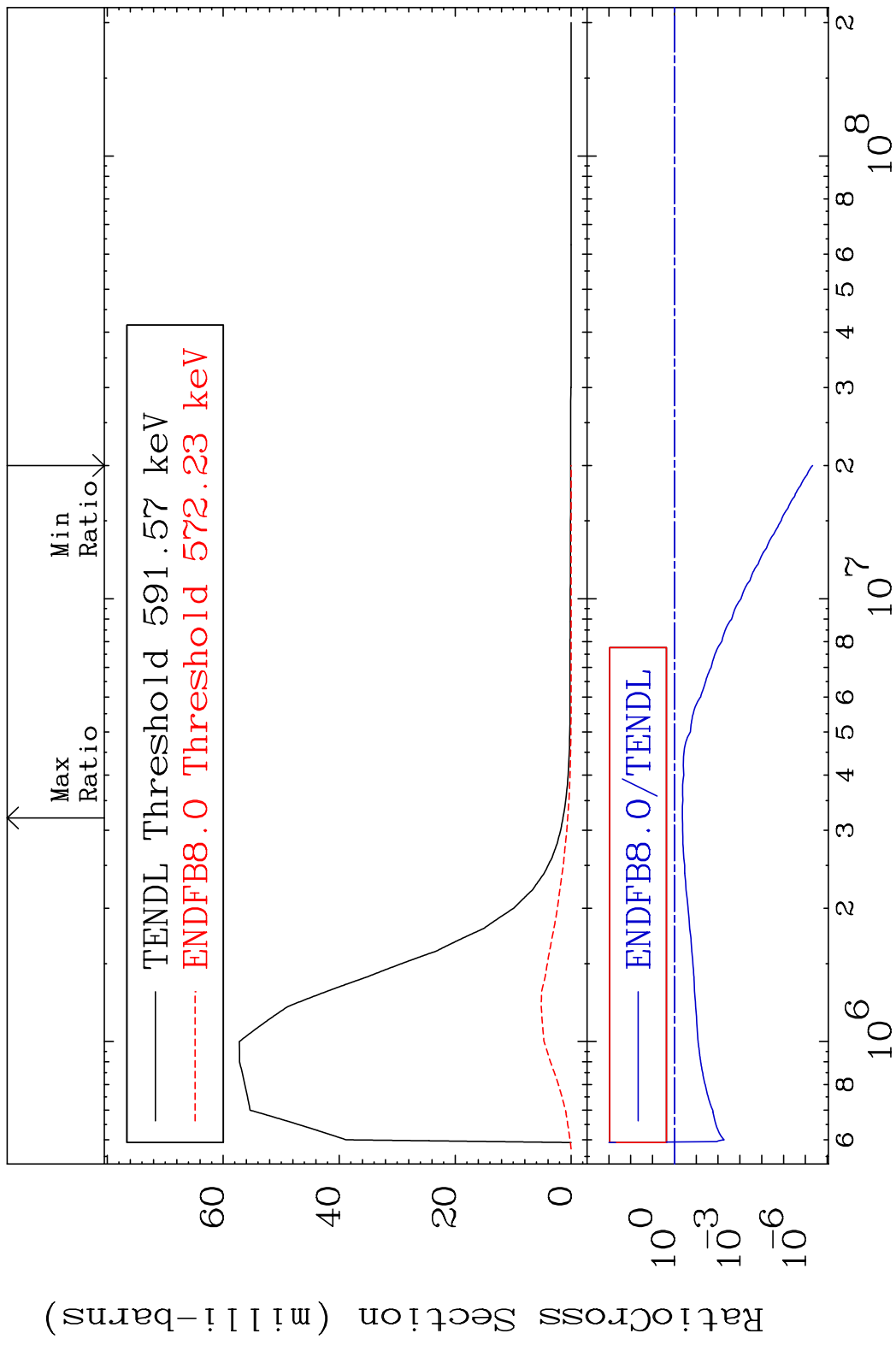
MAT 6646 MT= 68 (n, n') Level 66-Dy-163
 Cross Section -41.94 To 384.7 %



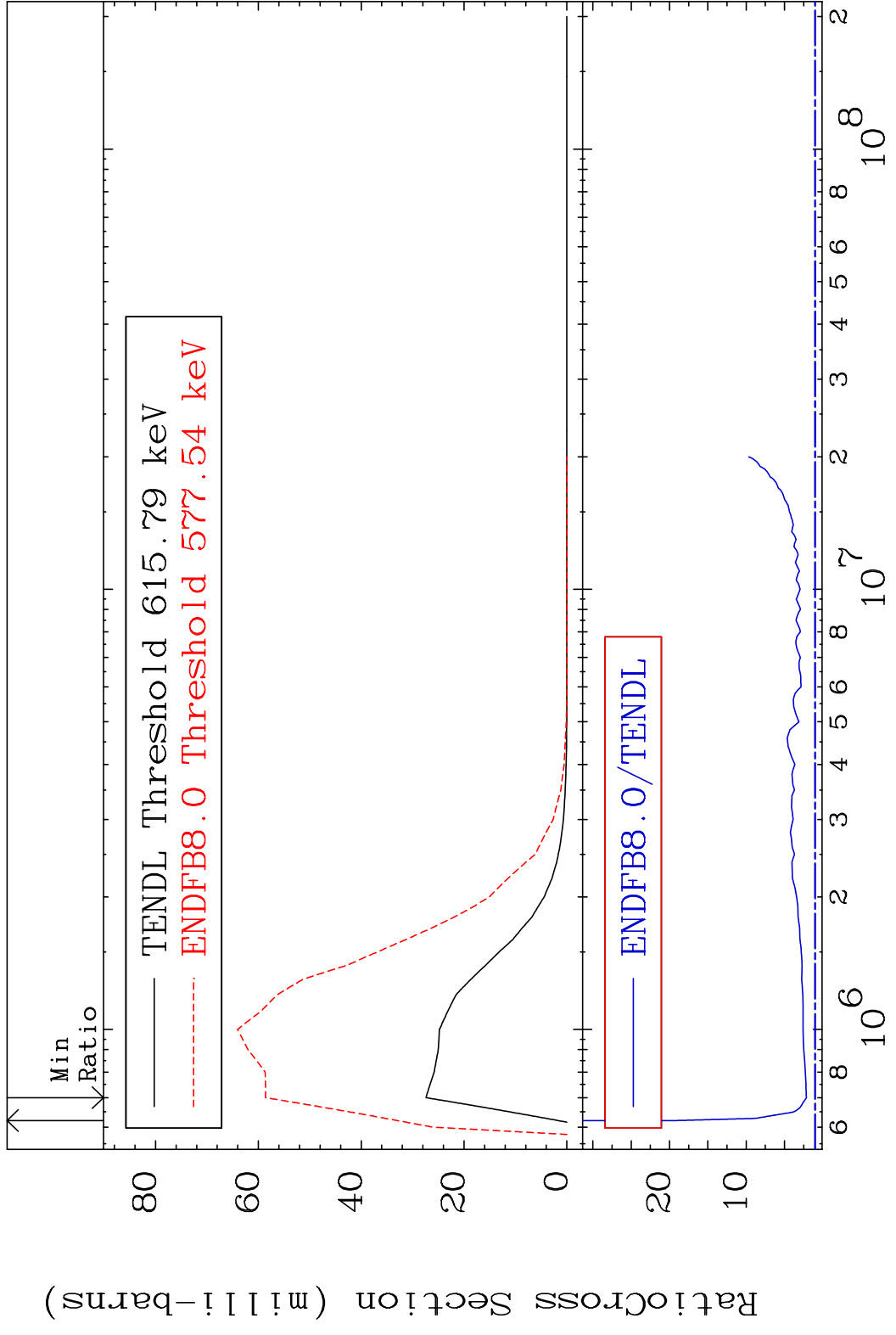
MAT 6646 MT= 69 (n, n') Level 66-Dy-163
 Cross Section -100.0 To 9999. %



MAT 6646 MT= 70 (n, n') Level 66-Dy-163
 Cross Section -100.0 To -56.82%

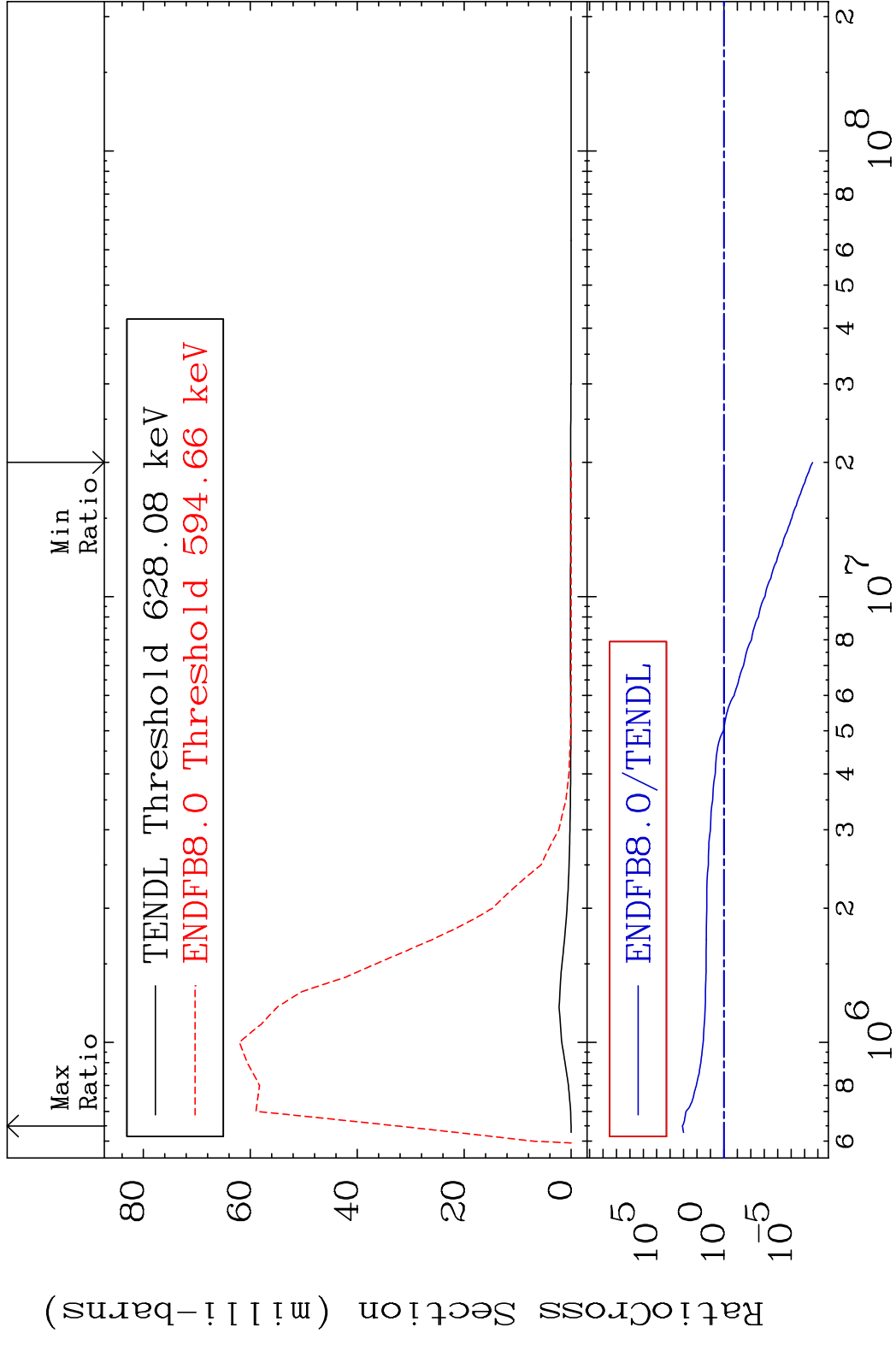


MAT 6646 MT= 71 (n,n') Level 66-Dy-163
 Cross Section 113.8 To 1800. %

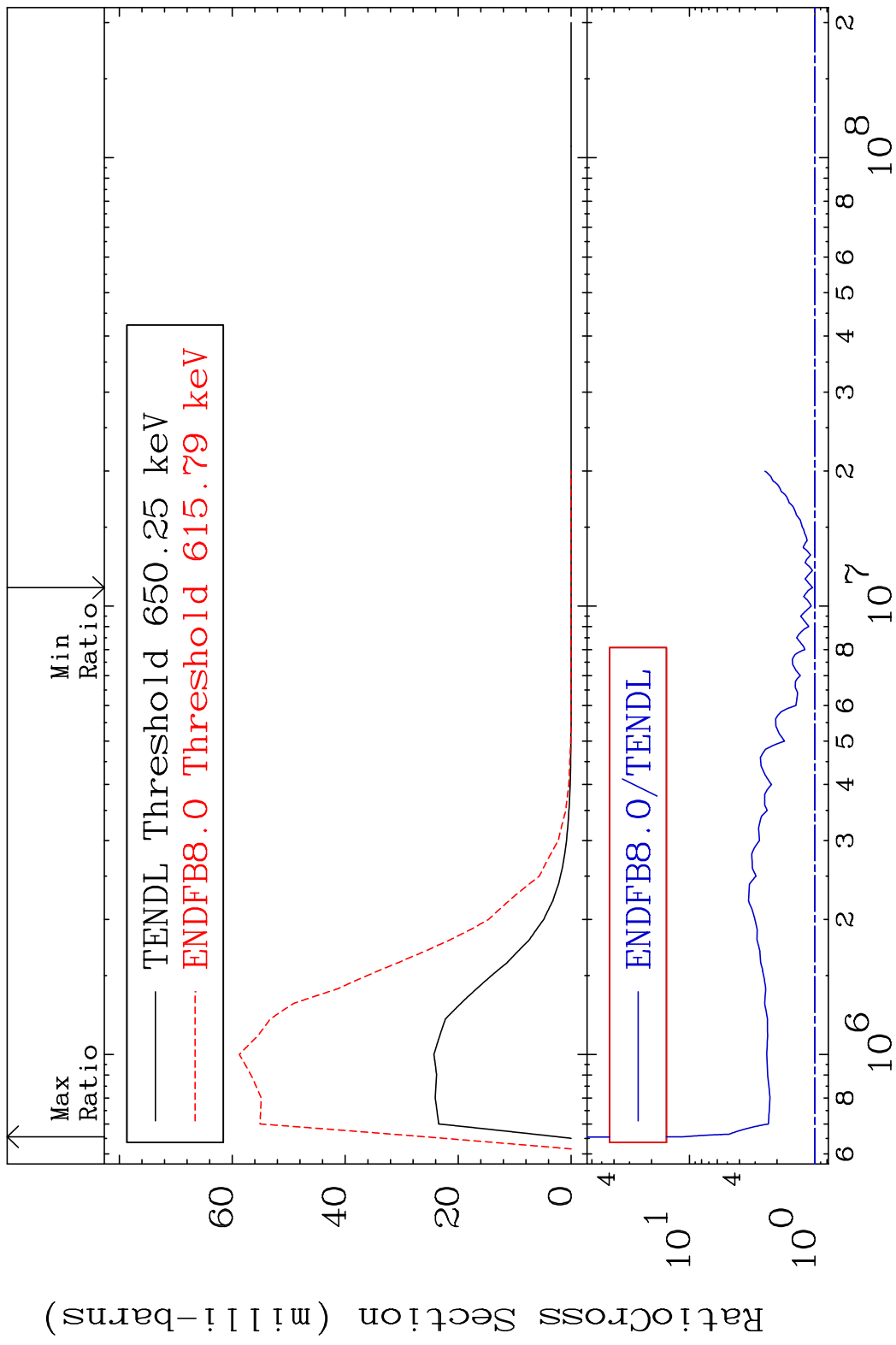


30 Incident Energy (eV) 66-Dy-163

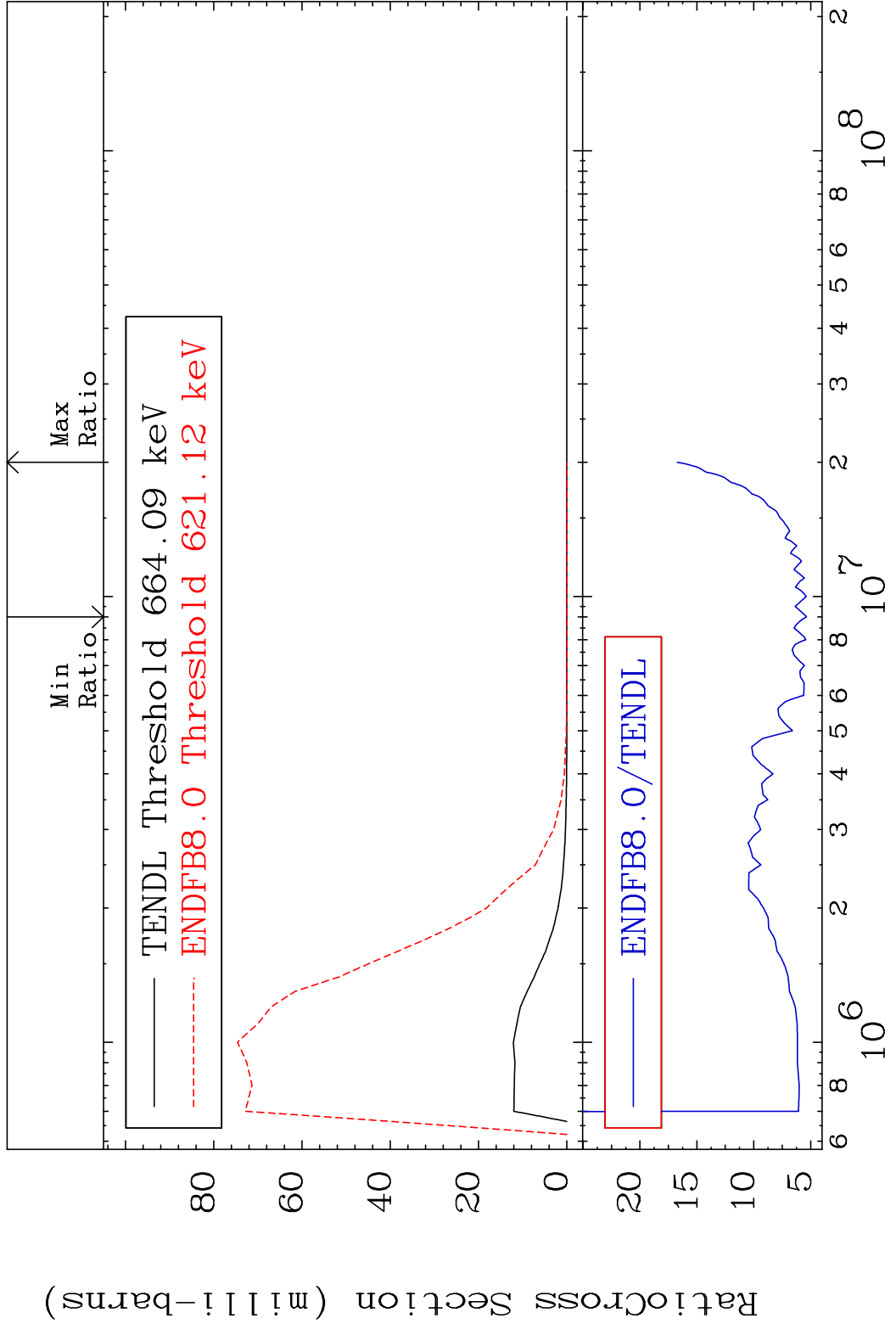
MAT 6646 MT= 72 (n, n') Level 66-Dy-163
 Cross Section -100.0 To 9999. %



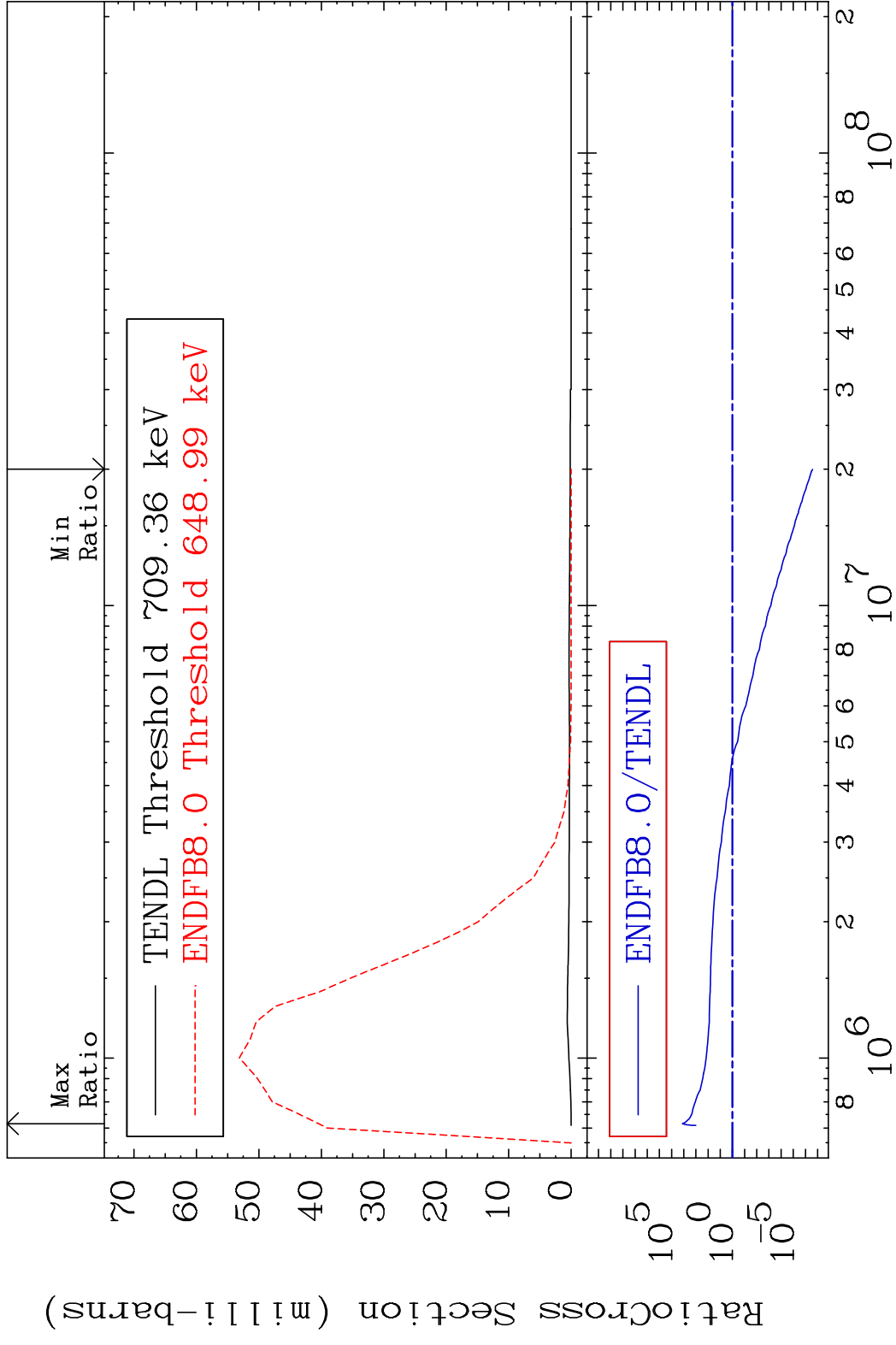
MAT 6646 MT= 73 (n, n') Level 66-Dy-163
 Cross Section 4.407 To 1039. %



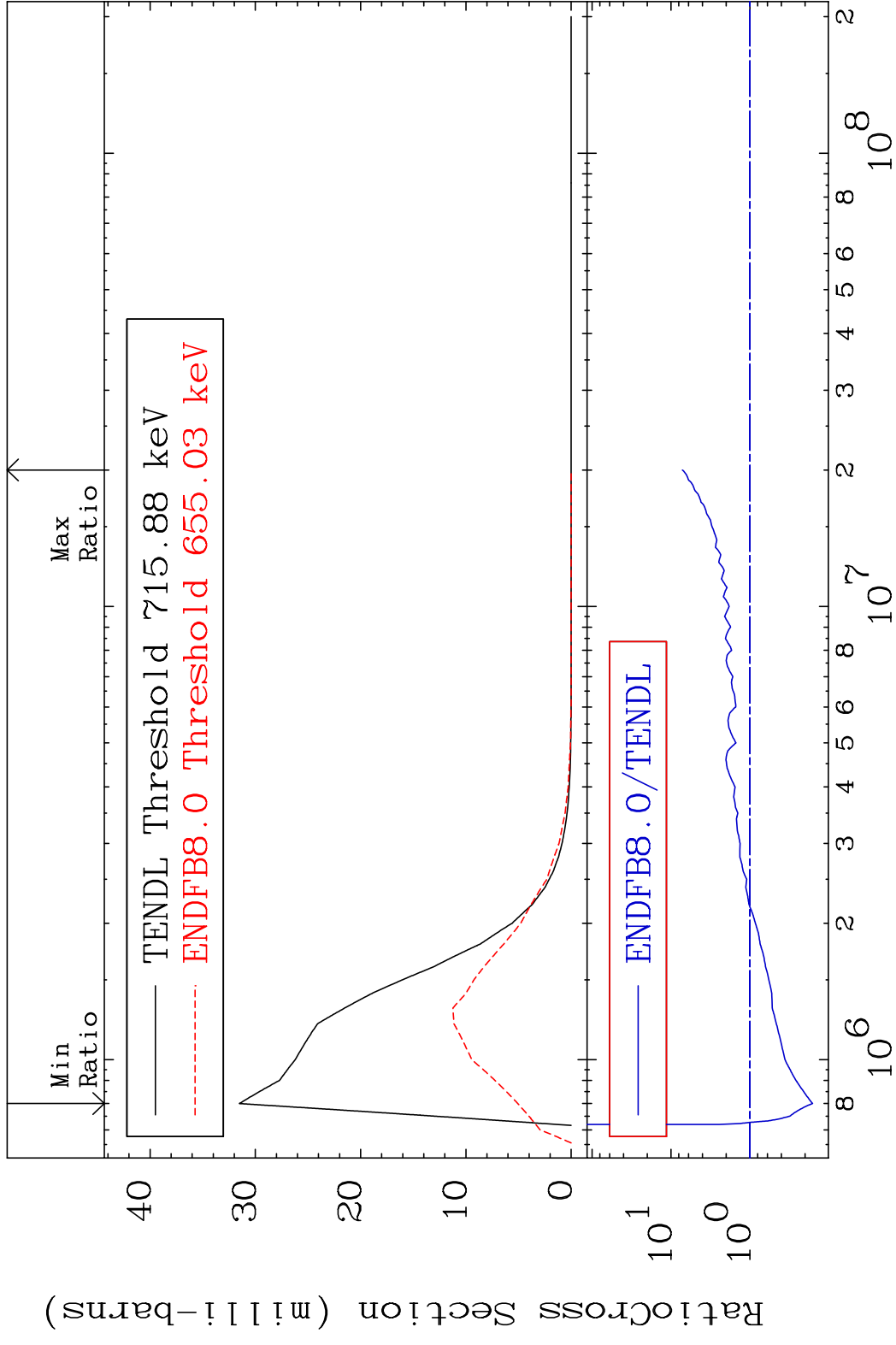
MAT 6646 MT= 74 (n, n') Level 66-Dy-163
 Cross Section 437.4 To 1573. %



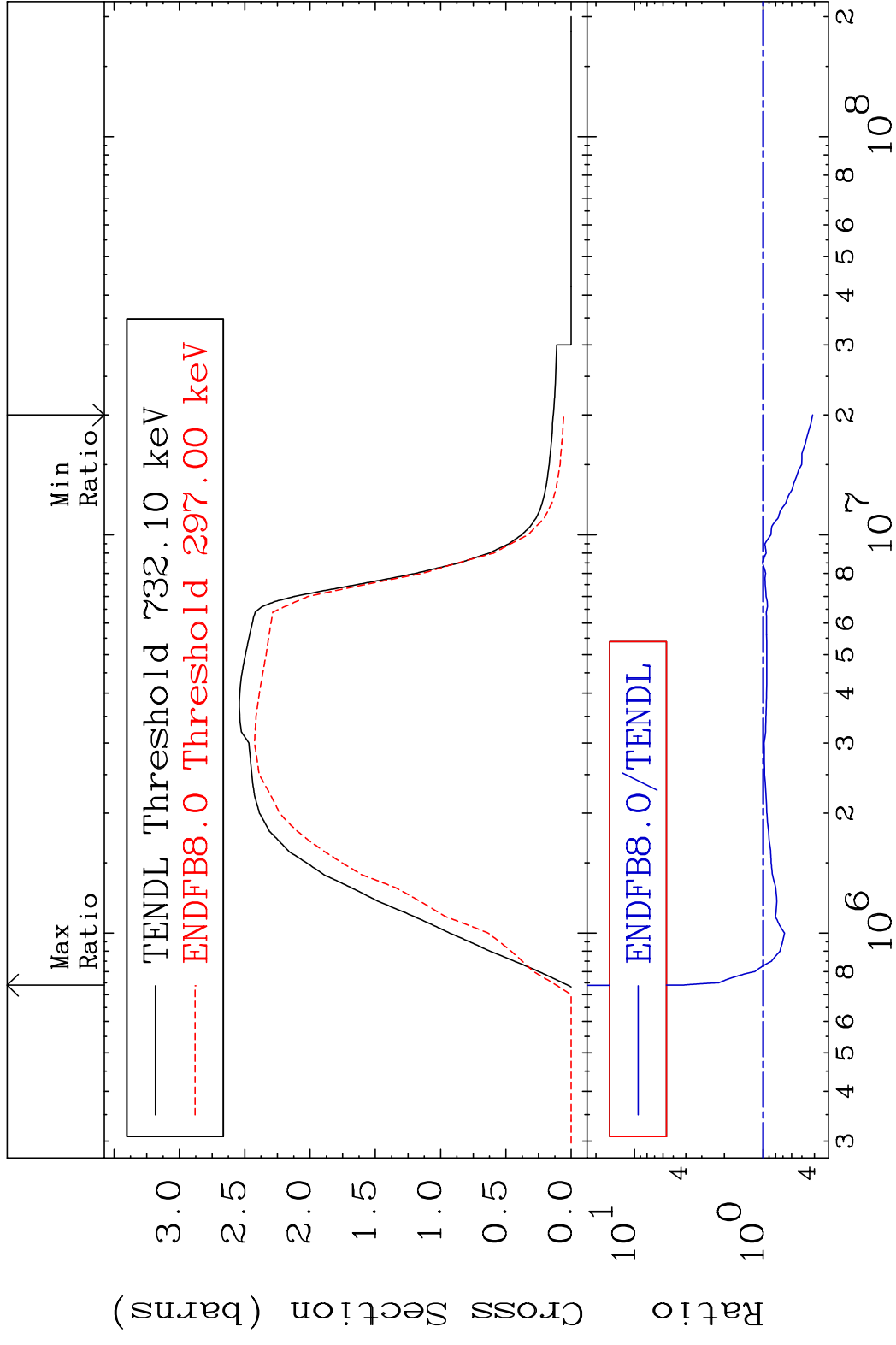
MAT 6646 MT= 75 (n, n') Level 66-Dy-163
 Cross Section -100.0 To 9999. %



MAT 6646 MT= 76 (n, n') Level 66-Dy-163
 Cross Section -83.91 To 618.8 %



MAT 6646 (n,n') Continuum 66-Dy-163
 Cross Section -58.72 To 324.9 %

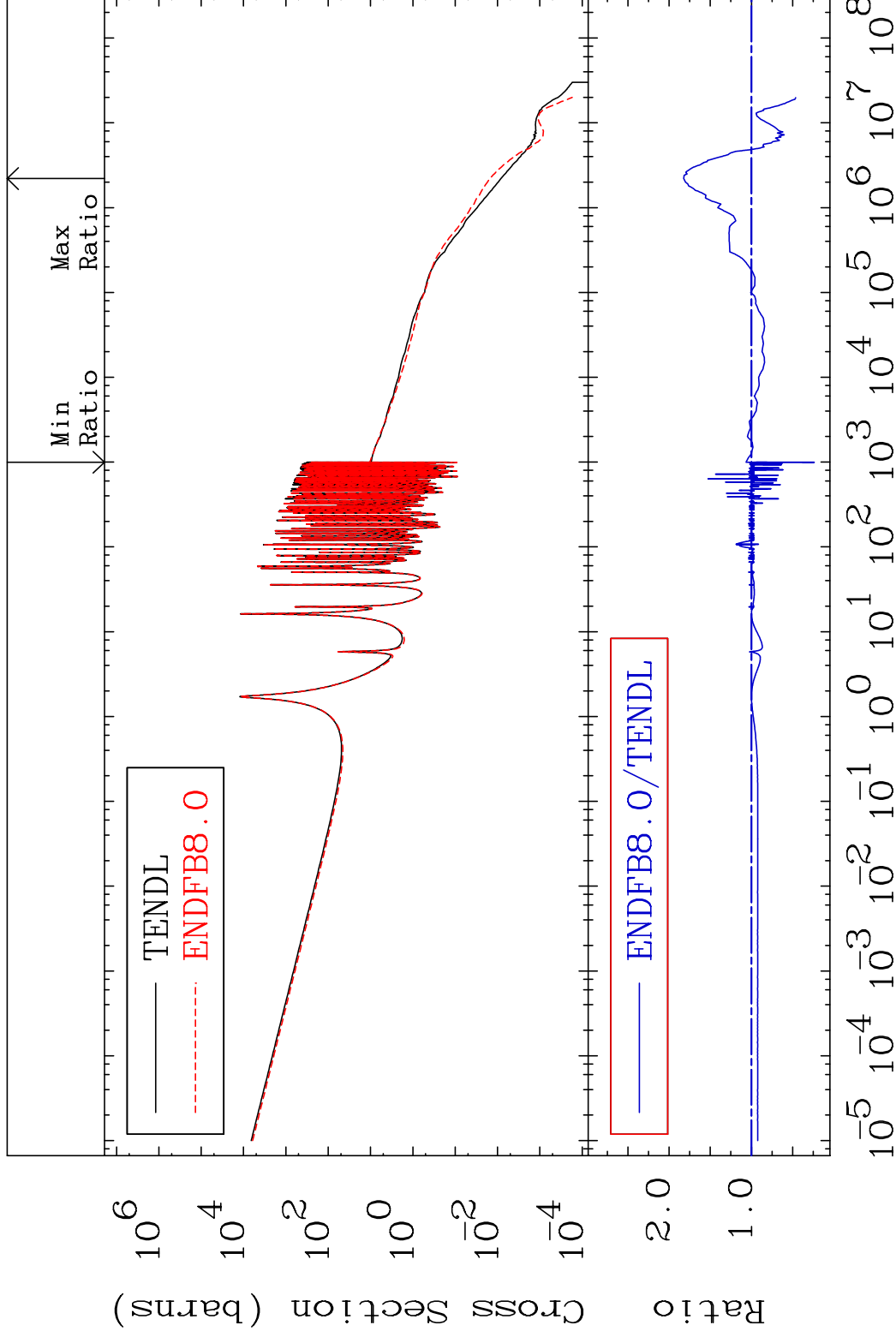


MAT 6646

(n, γ)

66-Dy-163

Cross Section -76.11 To 82.33 %



37

Incident Energy (eV)

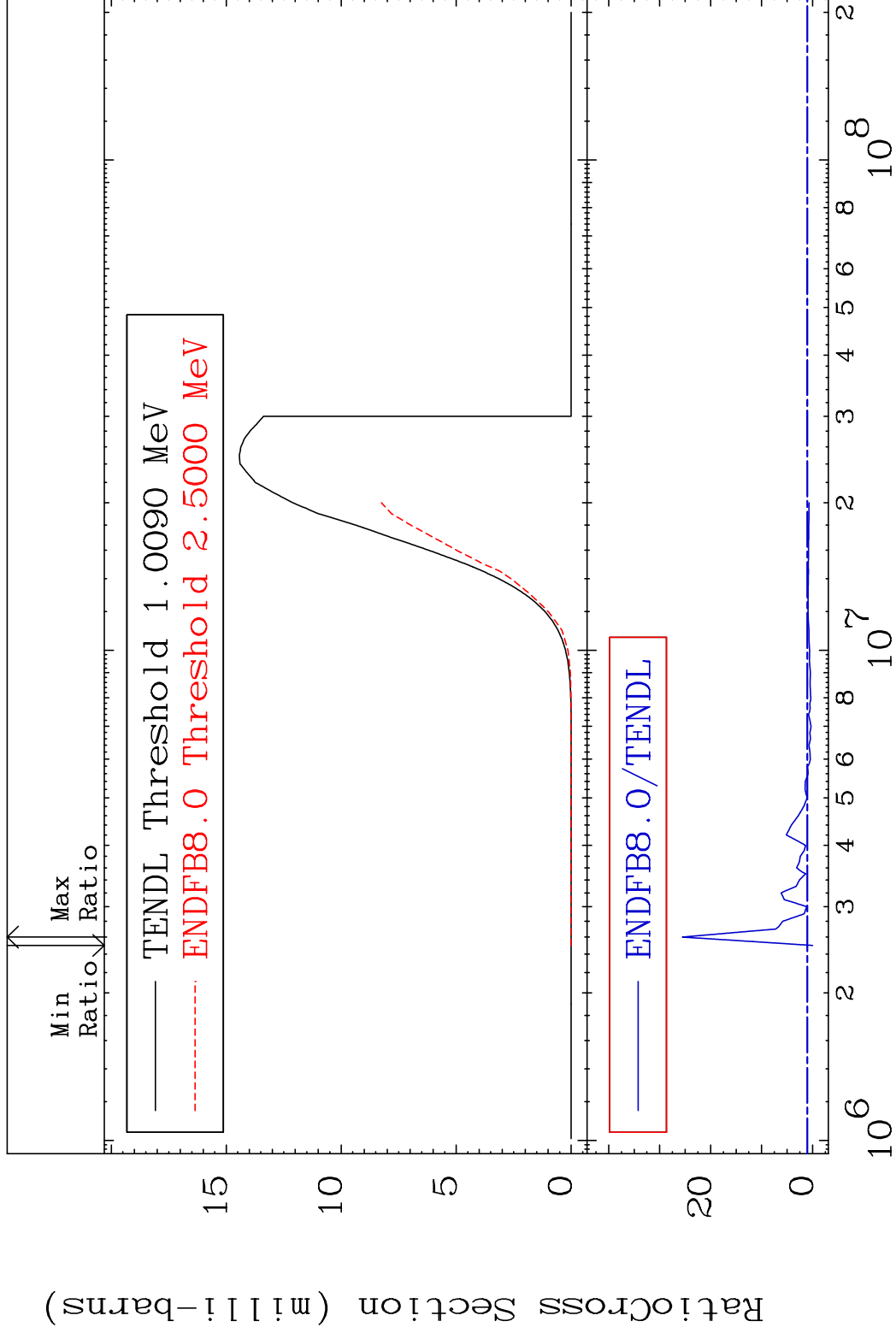
66-Dy-163

MAT 6646

(n,p)

66-Dy-163

Cross Section -100.0 To 2455. %



38

Incident Energy (eV)

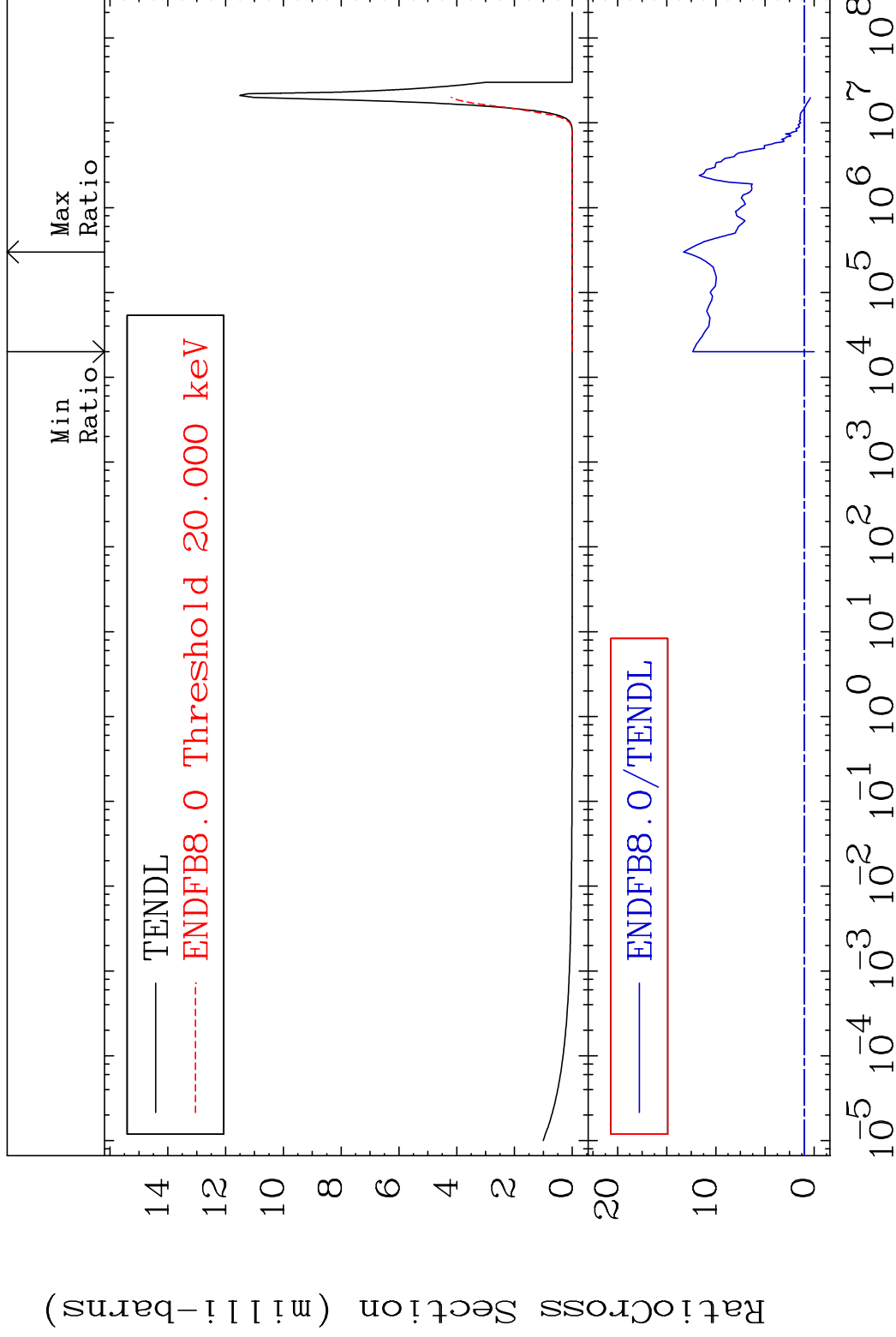
66-Dy-163

MAT 6646

(n, α)

66-Dy-163

Cross Section -100.0 To 1228. %



39

Incident Energy (eV)

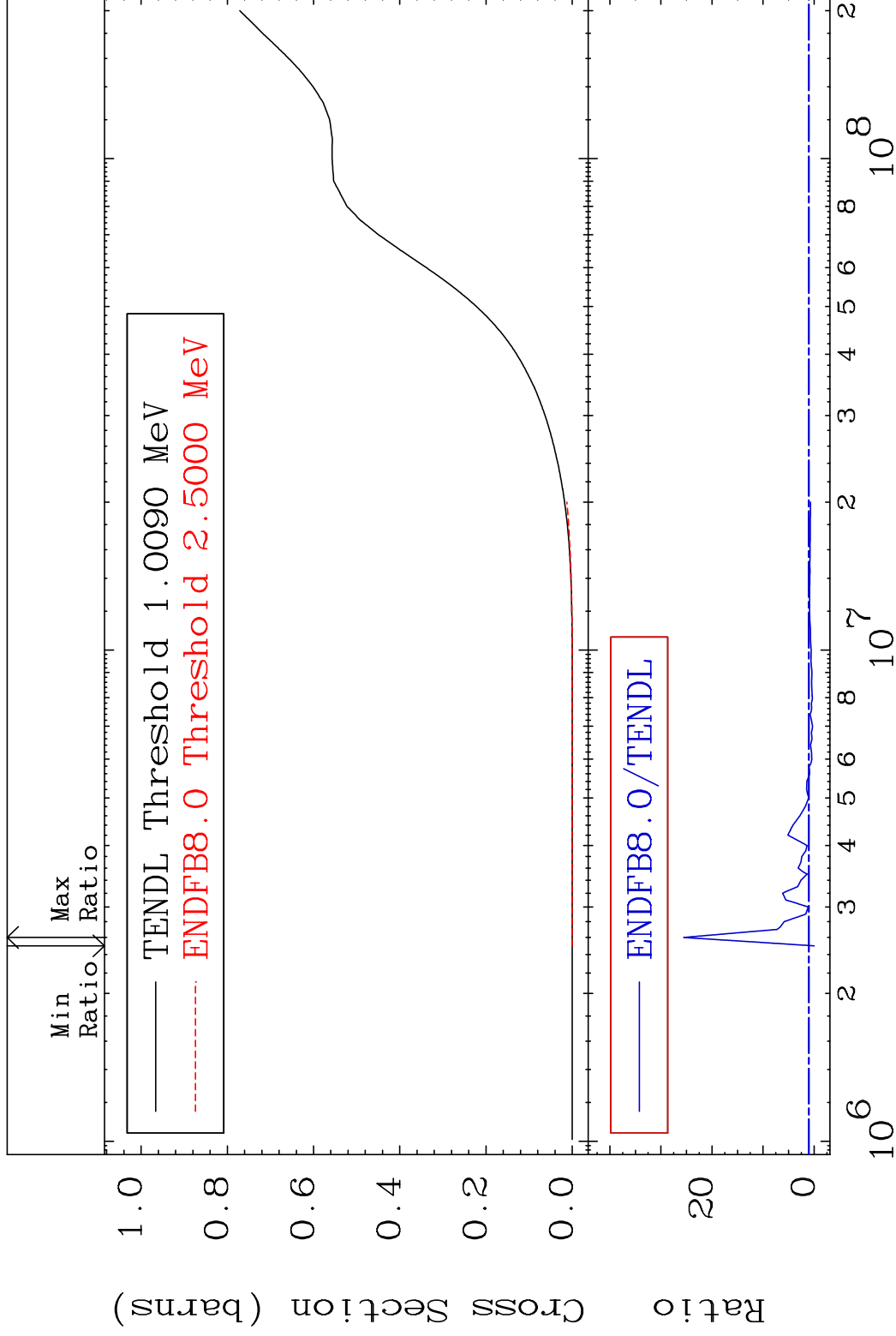
66-Dy-163

MAT 6646

Hydrogen Production

66-Dy-163

Cross Section -100.0 To 2455. %



40

Incident Energy (eV)

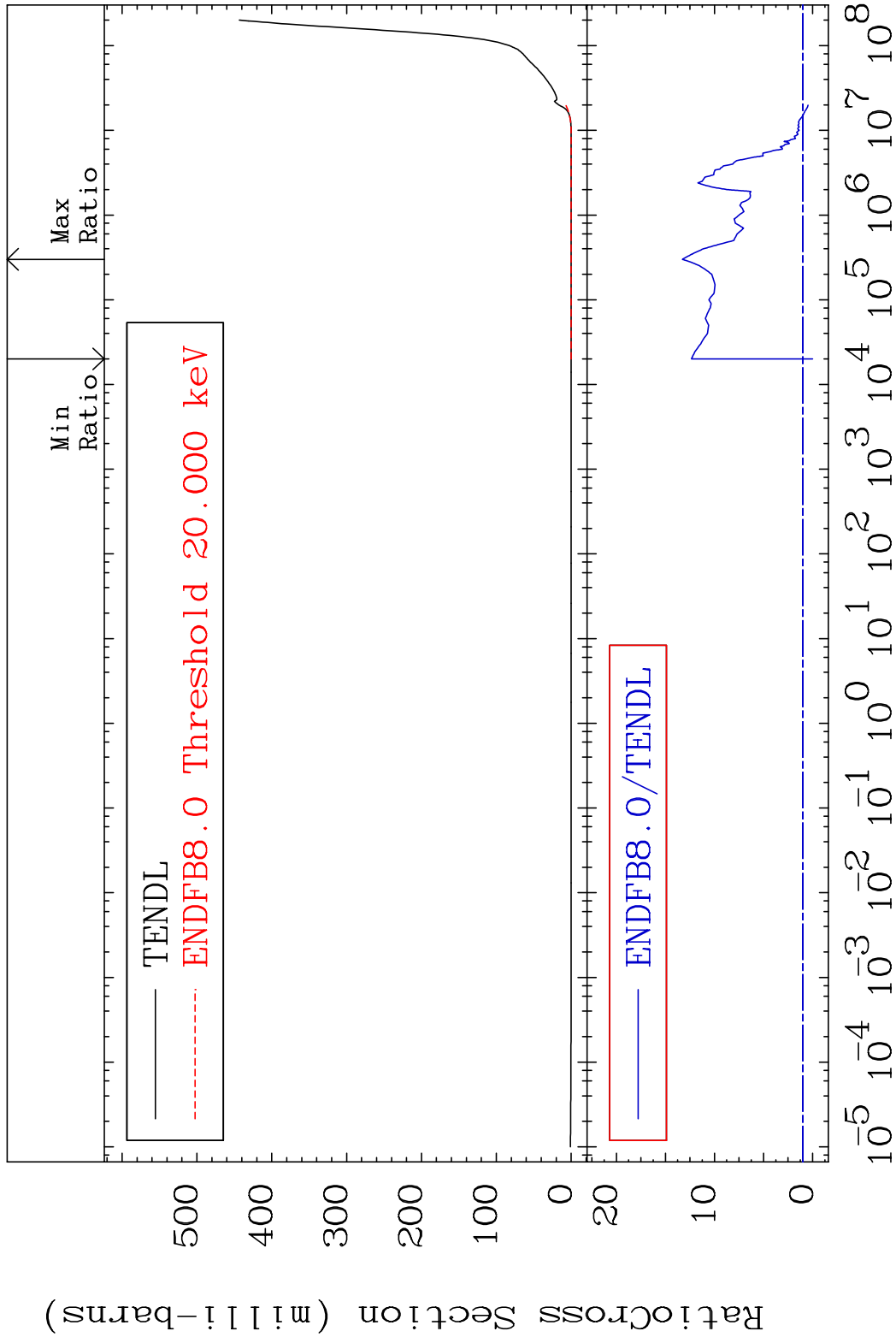
66-Dy-163

MAT 6646

He-4 Production

66-Dy-163

Cross Section -100.0 To 1228. %

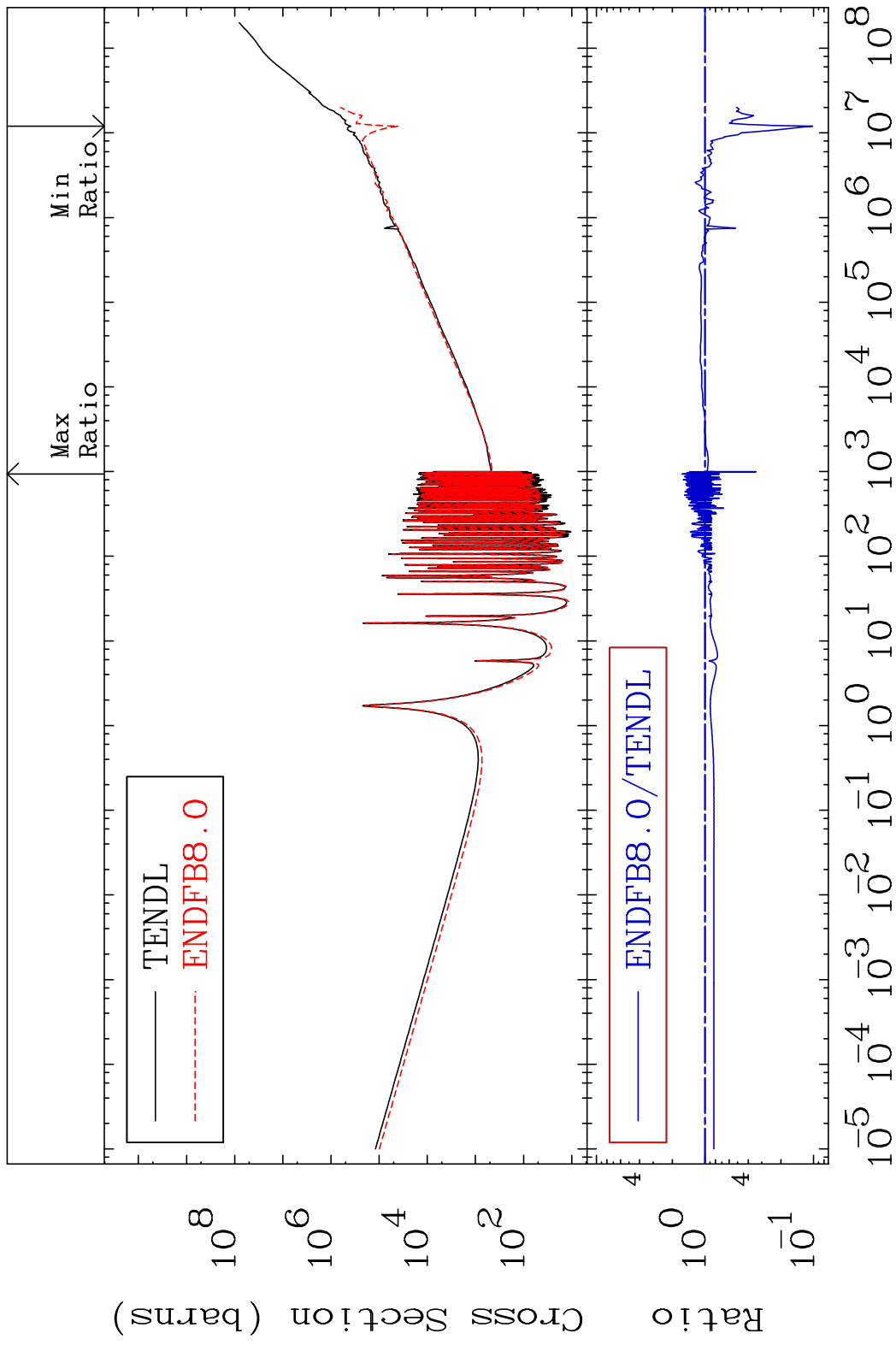


41

Incident Energy (eV)

66-Dy-163

MAT 6646 Kerma total (eV-barns) 66-Dy-163
Cross Section -89.78 To 61.61 %



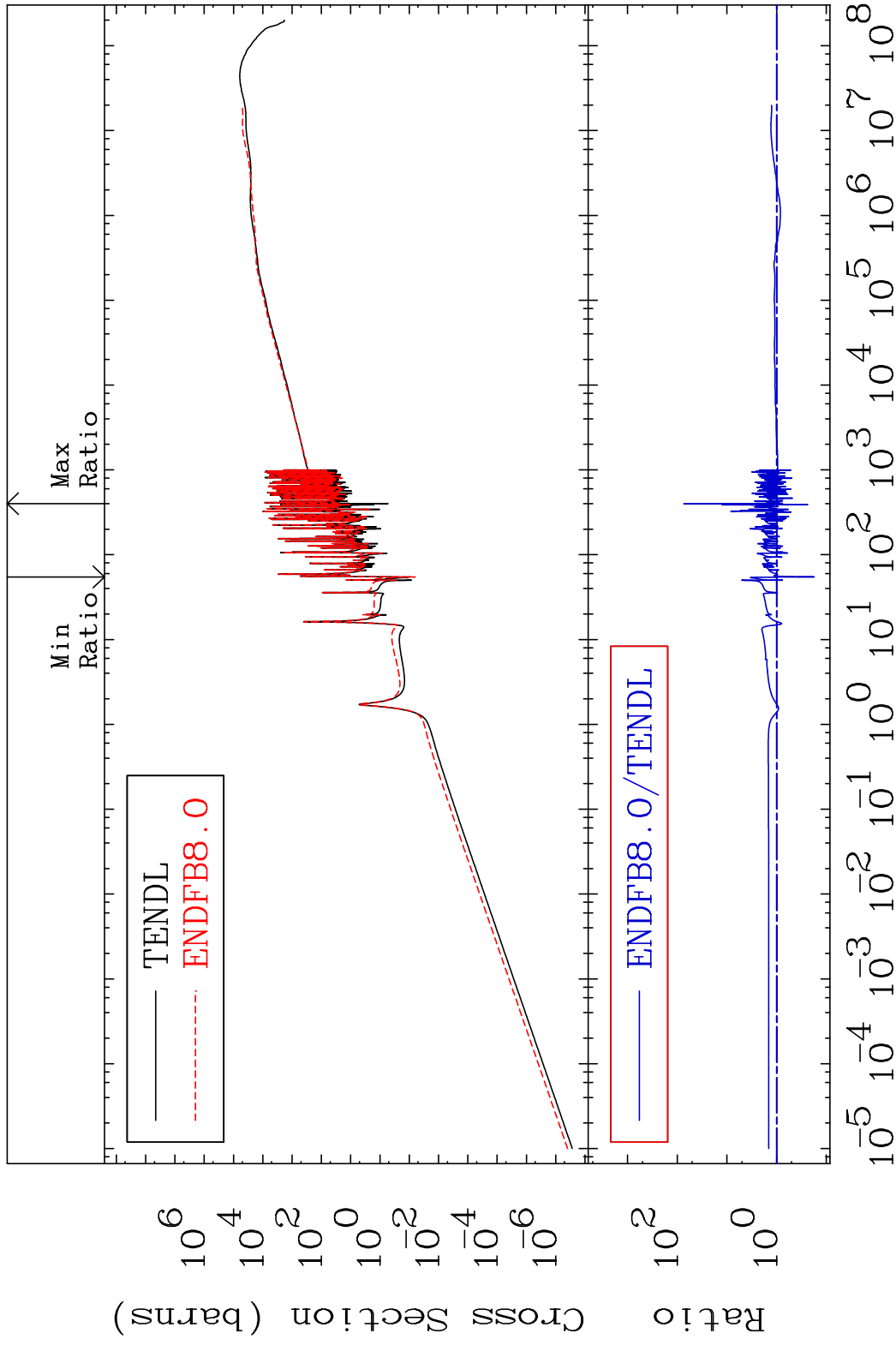
42 Incident Energy (eV) 66-Dy-163

MAT 6646

Kerma elastic

66-Dy-163

Cross Section -82.39 To 7314. %

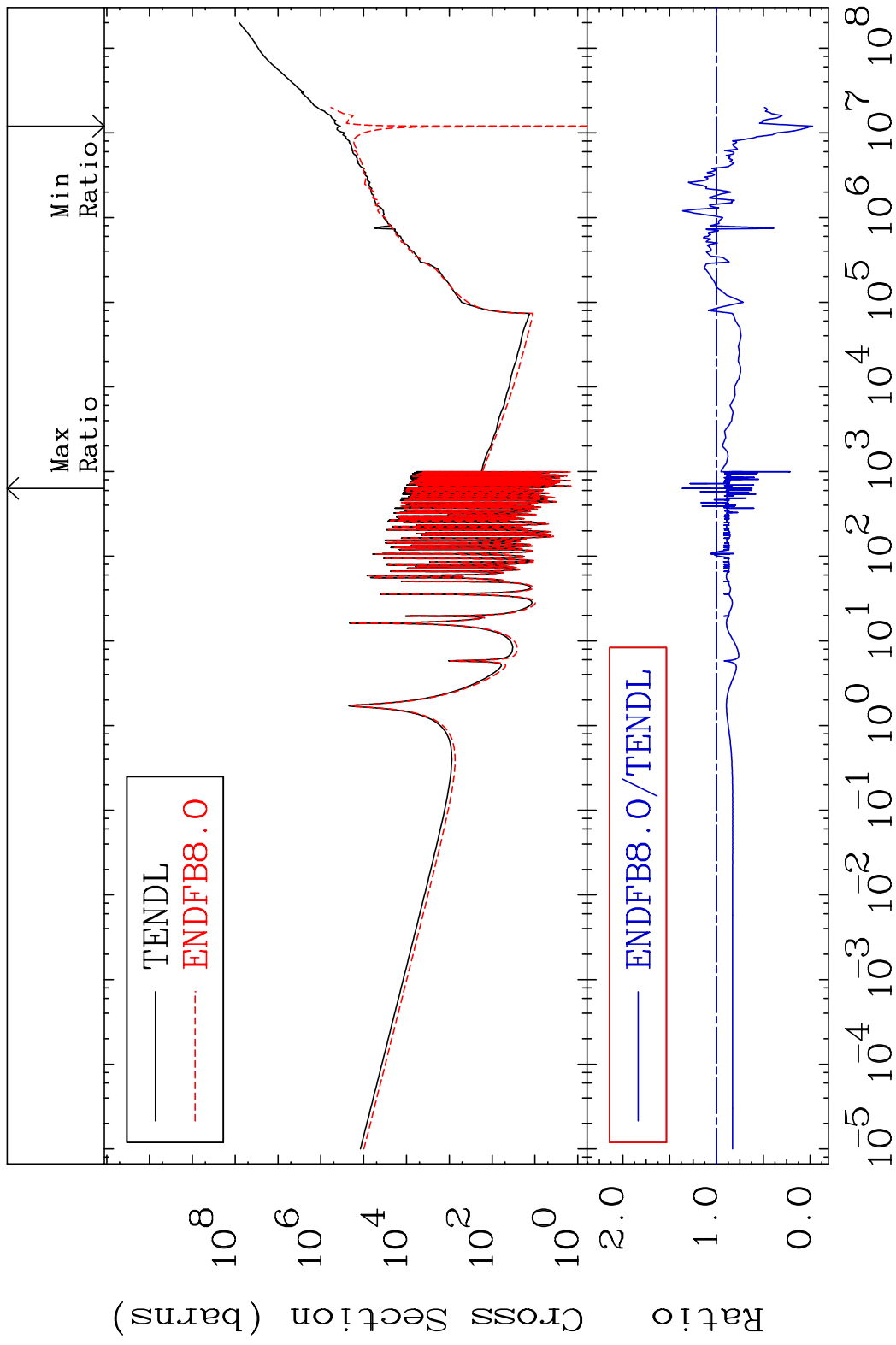


43

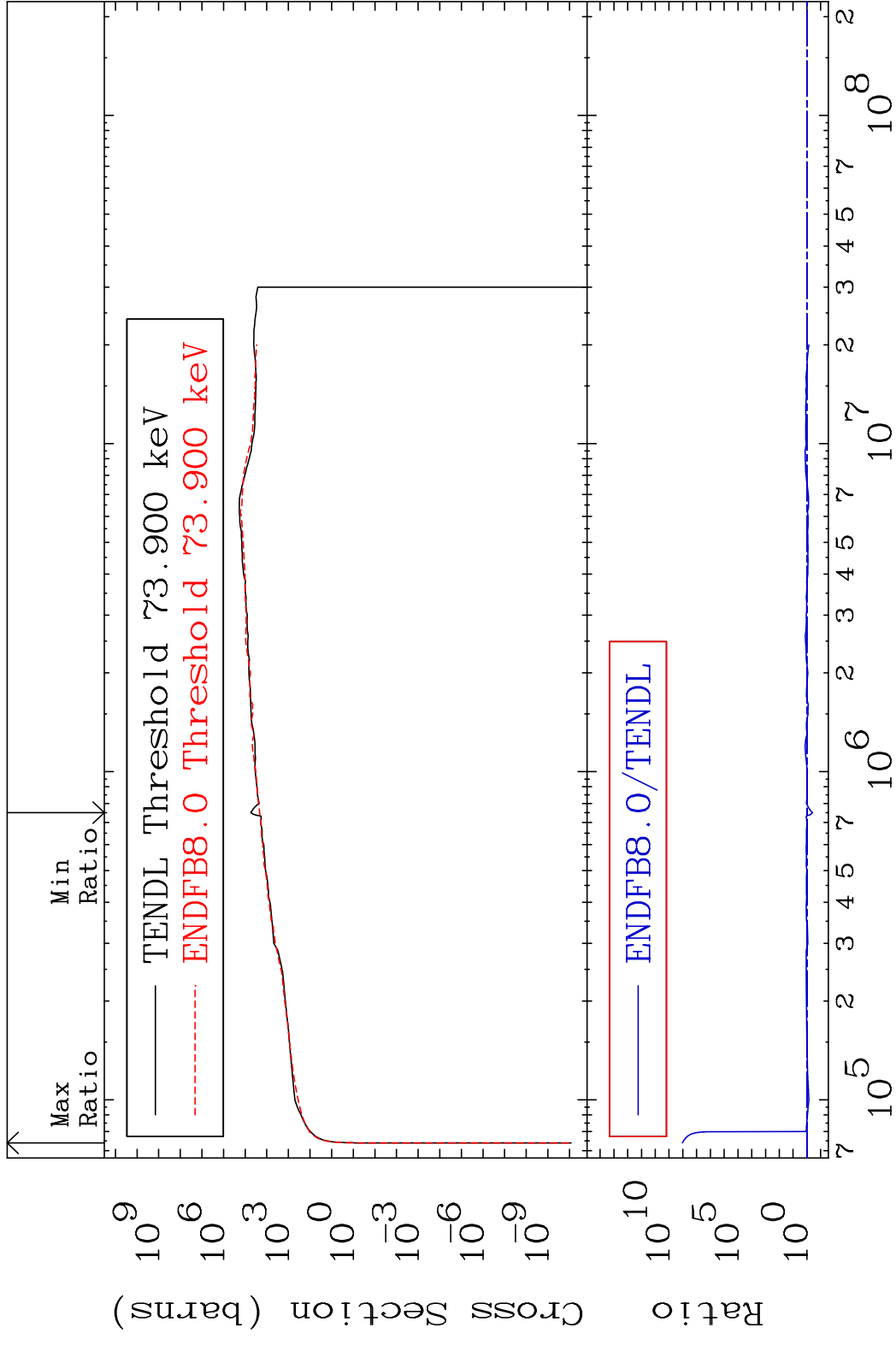
Incident Energy (eV)

66-Dy-163

MAT 6646 Kerma non-elastic (all but mt2) 66-Dy-163
 Cross Section -102.6 To 36.39 %

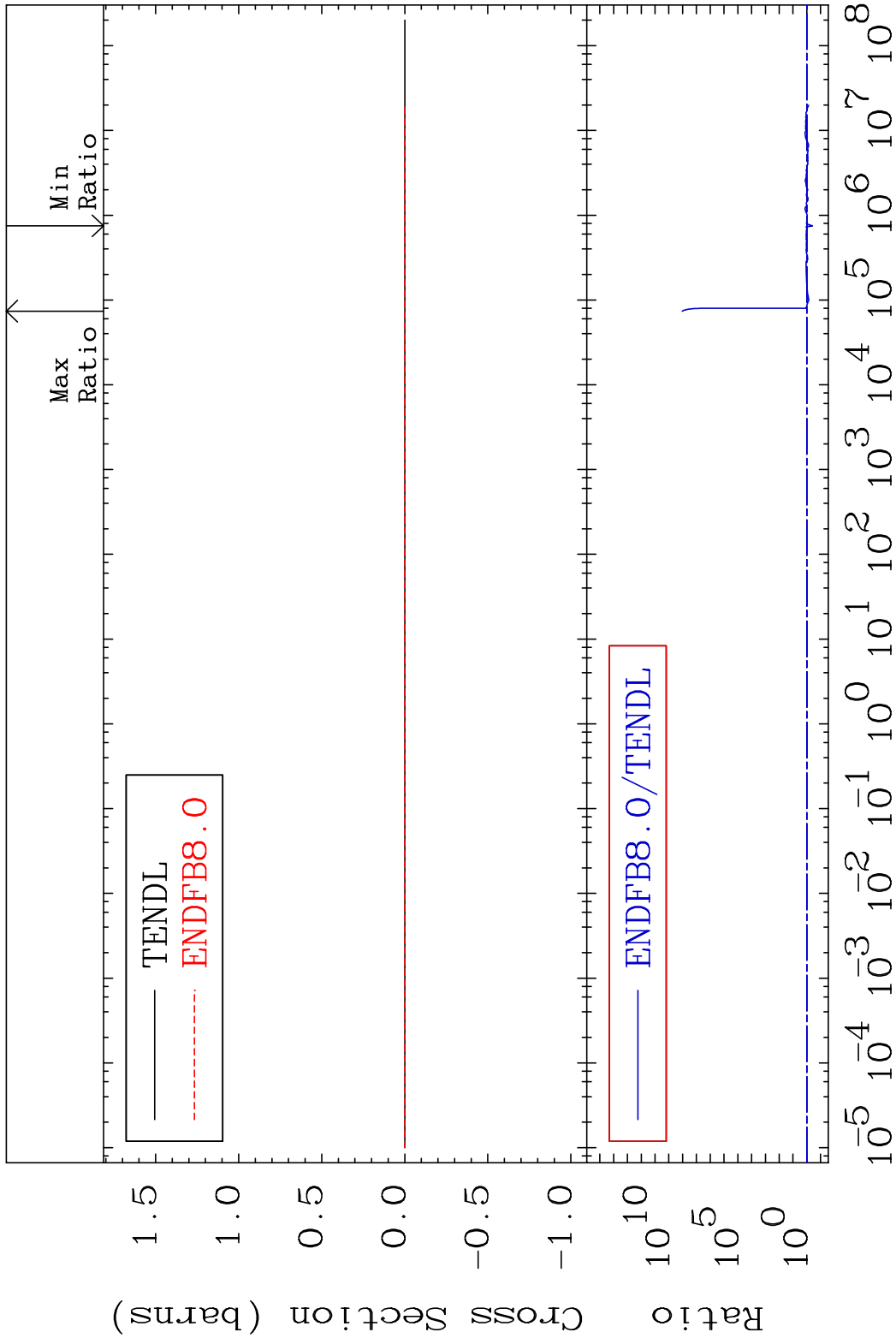


MAT 6646 Kerma inelastic (mt51-91) 66-Dy-163
 Cross Section -61.19 To 9999. %



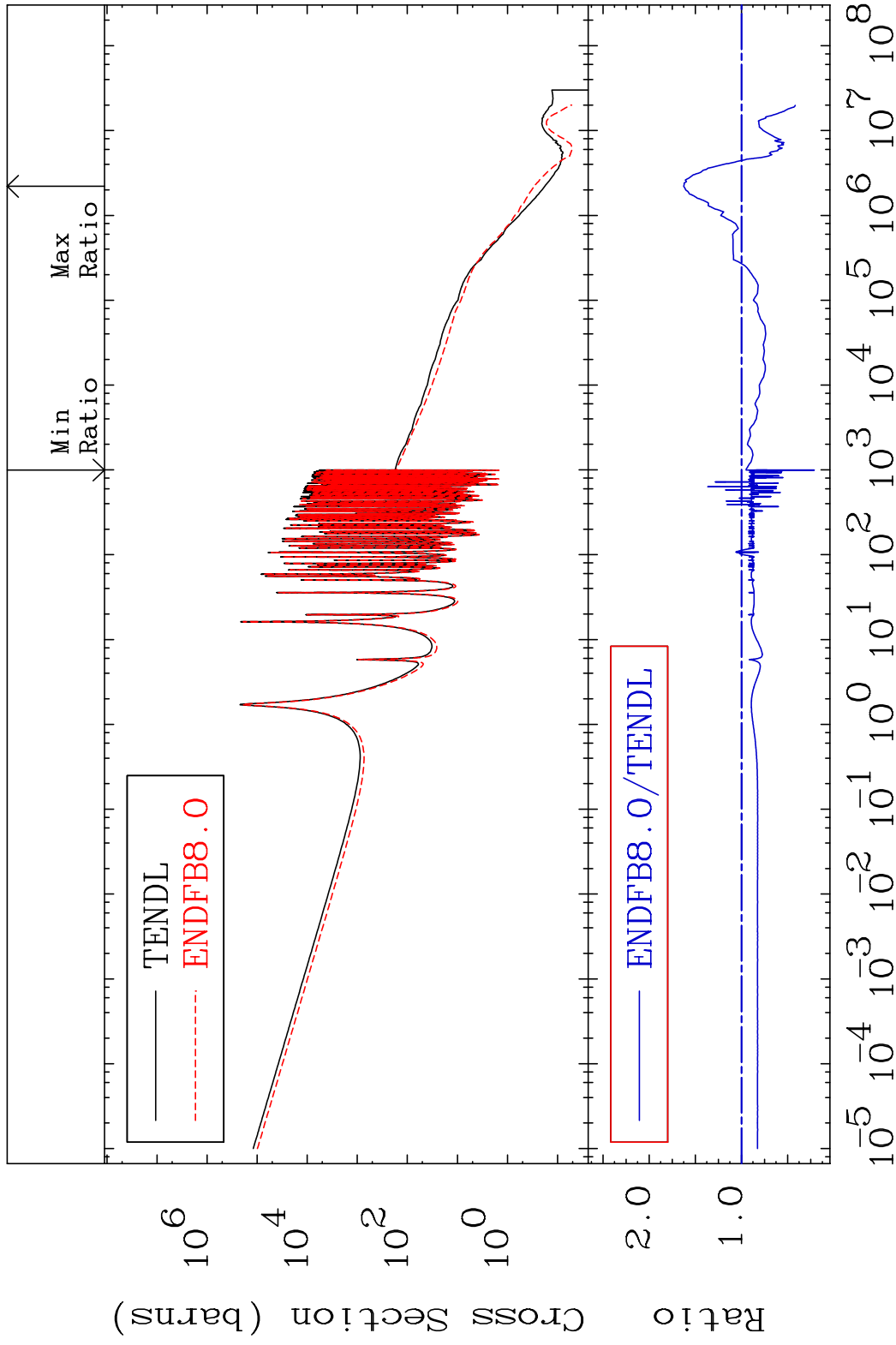
45 Incident Energy (eV) 66-Dy-163

MAT 6646 Kerma fission (mt18 or mt19-20-21-38) 66-Dy-163
 Cross Section -61.19 To 9999. %



MAT 6646

Kerma capture (mt102) 66-Dy-163
Cross Section -78.66 To 62.63 %

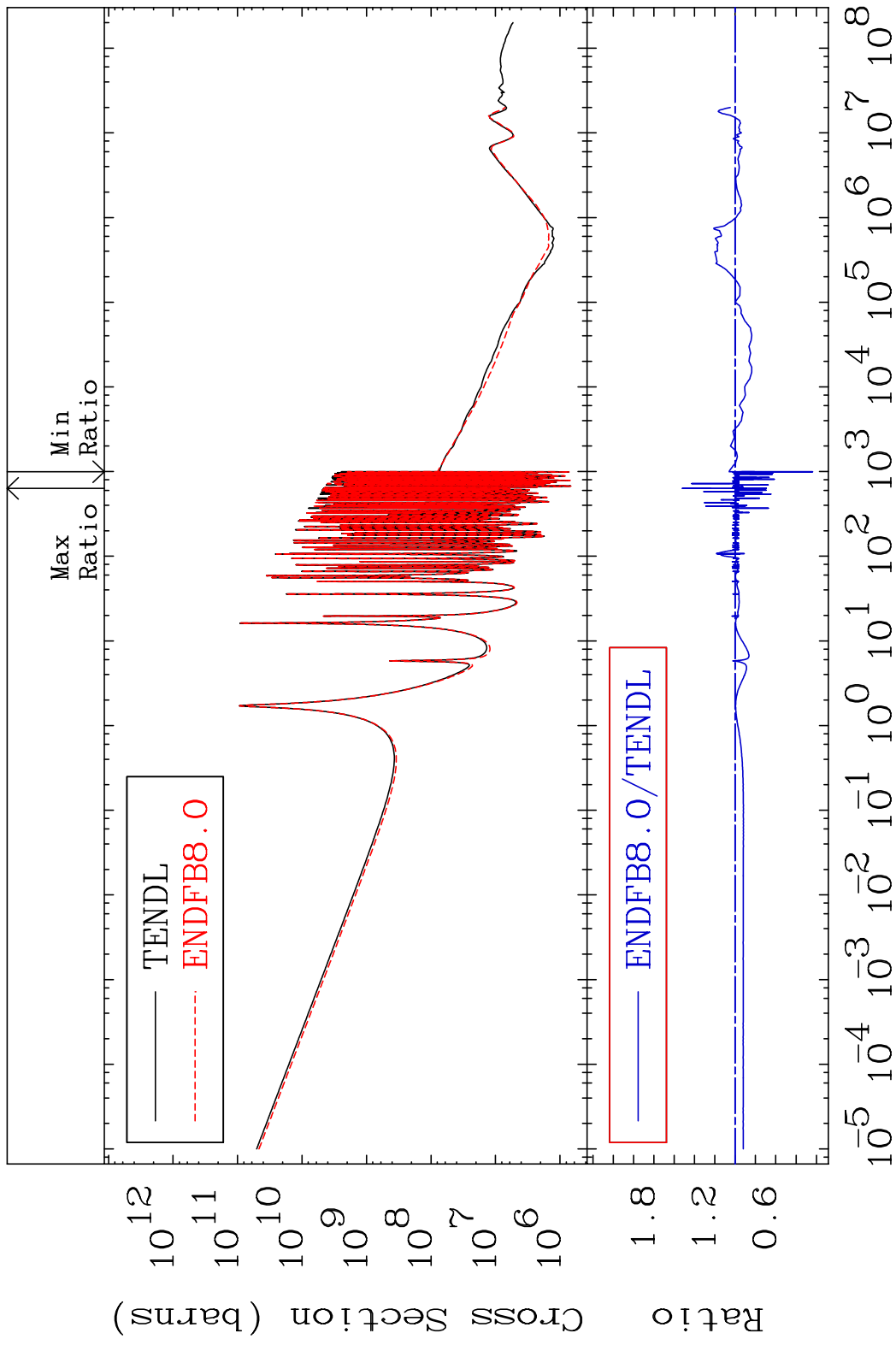


47

Incident Energy (eV)

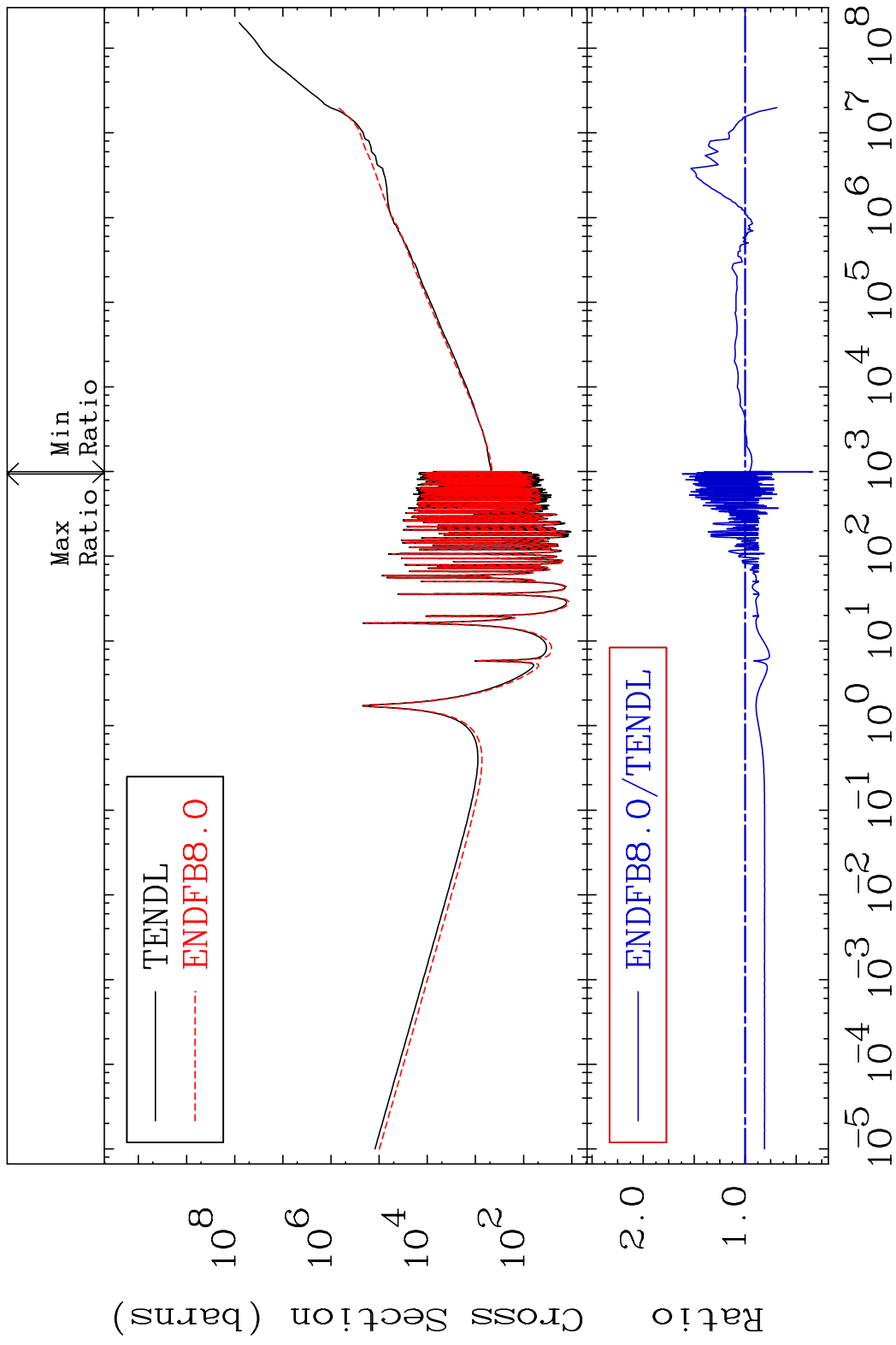
66-Dy-163

MAT 6646 Total photon (eV-barns) 66-Dy-163
 Cross Section -76.22 To 51.99 %

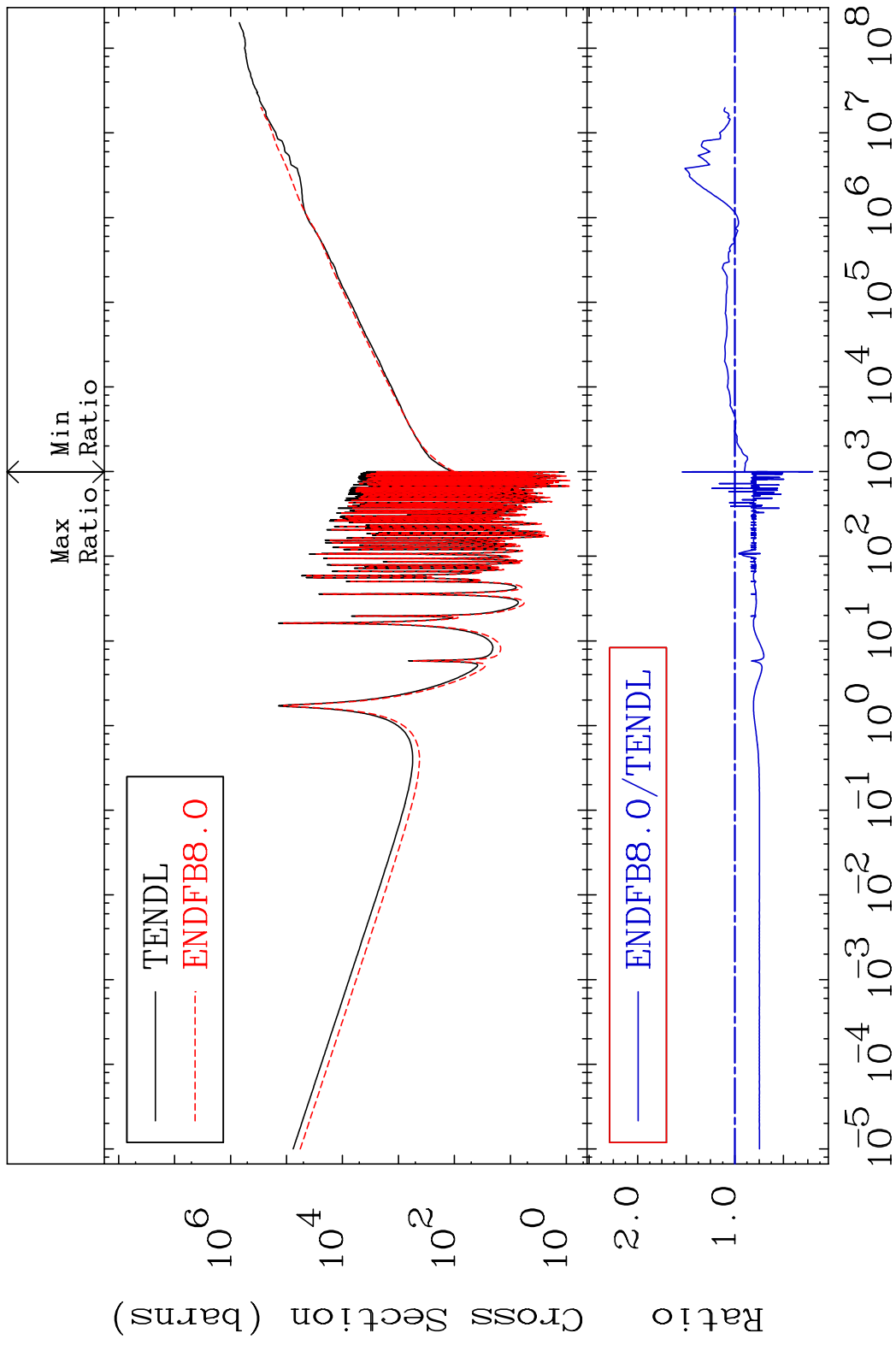


48 Incident Energy (eV) 66-Dy-163

MAT 6646 Total kinematic kerma (high limit) 66-Dy-163
Cross Section -66.05 To 61.60 %



MAT 6646 Dpa total (eV-barns) 66-Dy-163
 Cross Section -79.95 To 53.98 %



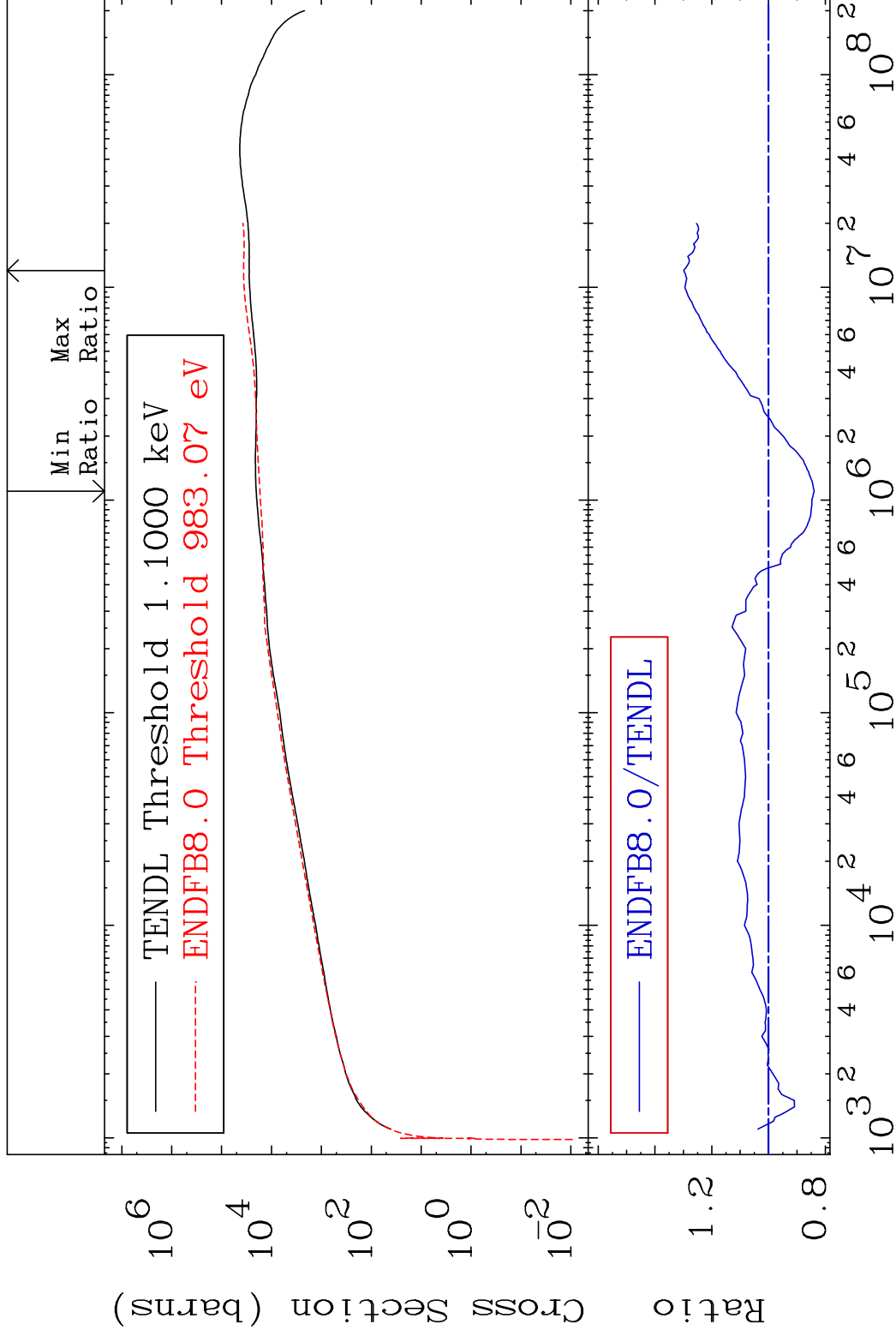
50 Incident Energy (eV) 66-Dy-163

MAT 6646

Dpa elastic (mt2)

66-Dy-163

Cross Section -16.05 To 29.90 %

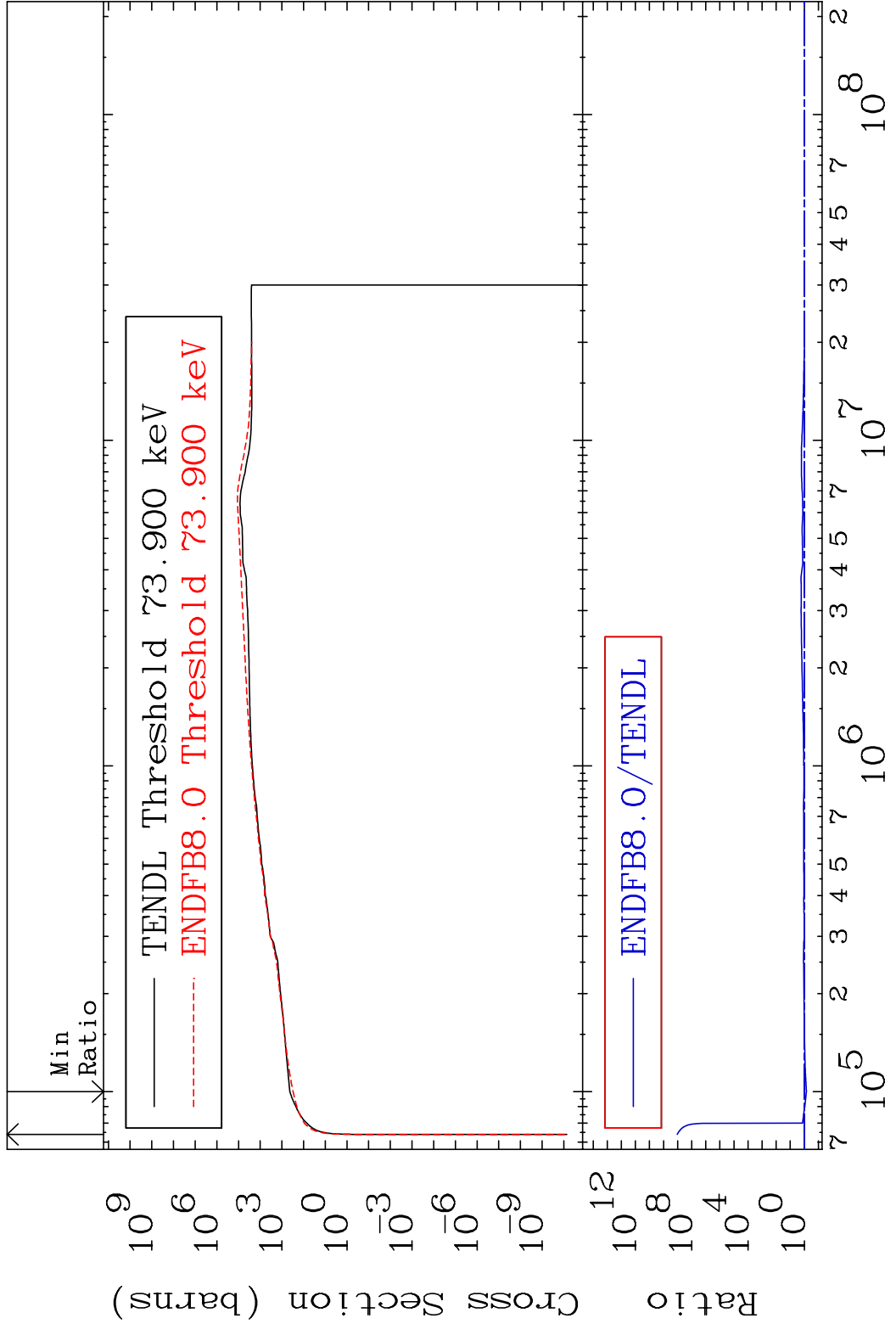


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Incident Energy (eV)

66-Dy-163

MAT 6646 Dpa inelastic (mt51-91) 66-Dy-163
 Cross Section -28.90 To 9999. %



MAT 6646 Dpa disappearance (mt102 -120) 66-Dy-163
 Cross Section -80.68 To 100.3 %

