

Program Complot
(Version 2021-1)

by

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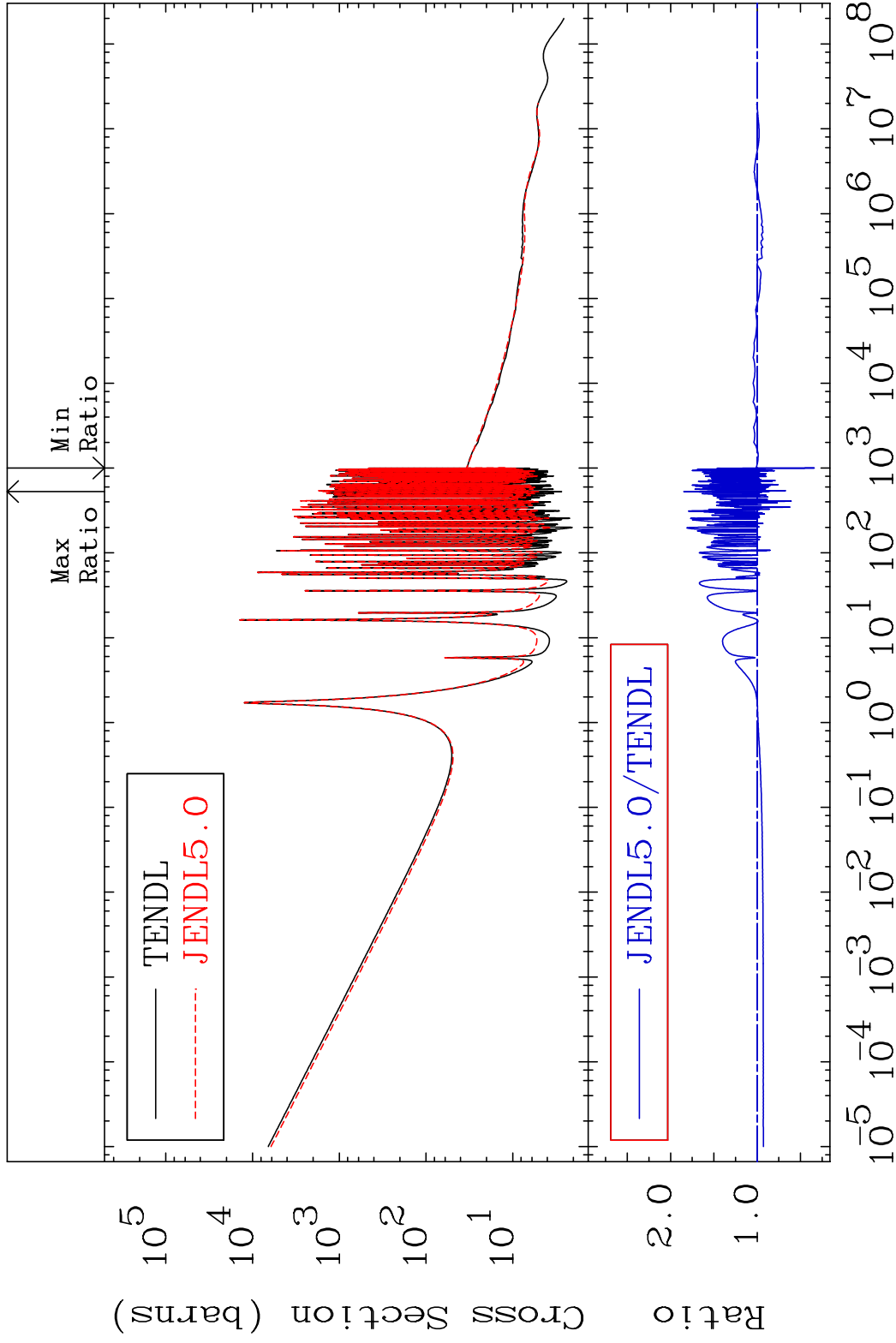
Press Mouse Button to Start

MAT 6646

Total

66-Dy-163

Cross Section -65.71 To 84.90 %



1

Incident Energy (eV)

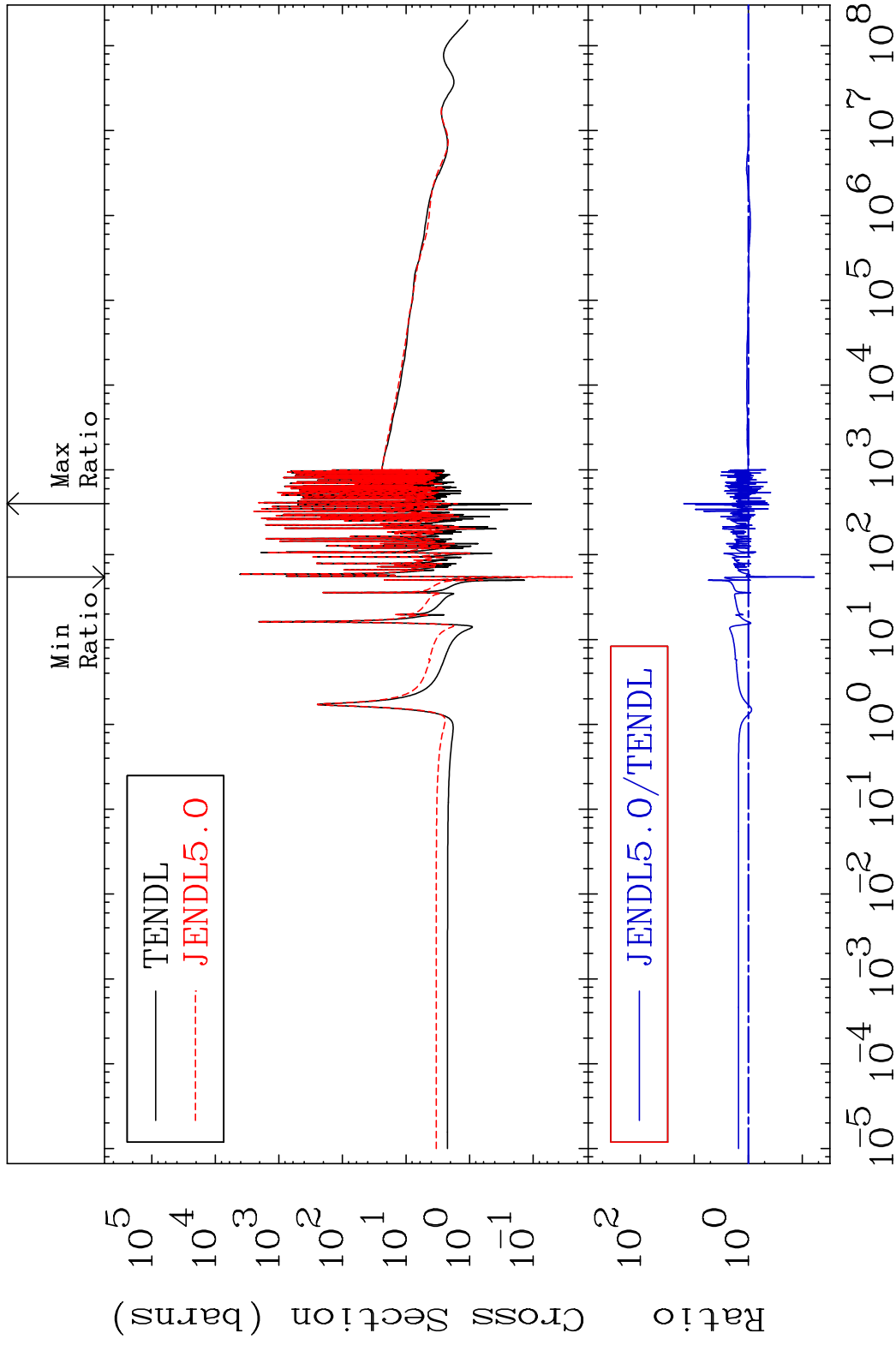
66-Dy-163

MAT 6646

Elastic

66-Dy-163

Cross Section -93.98 To 1473. %



2

Incident Energy (eV)

66-Dy-163

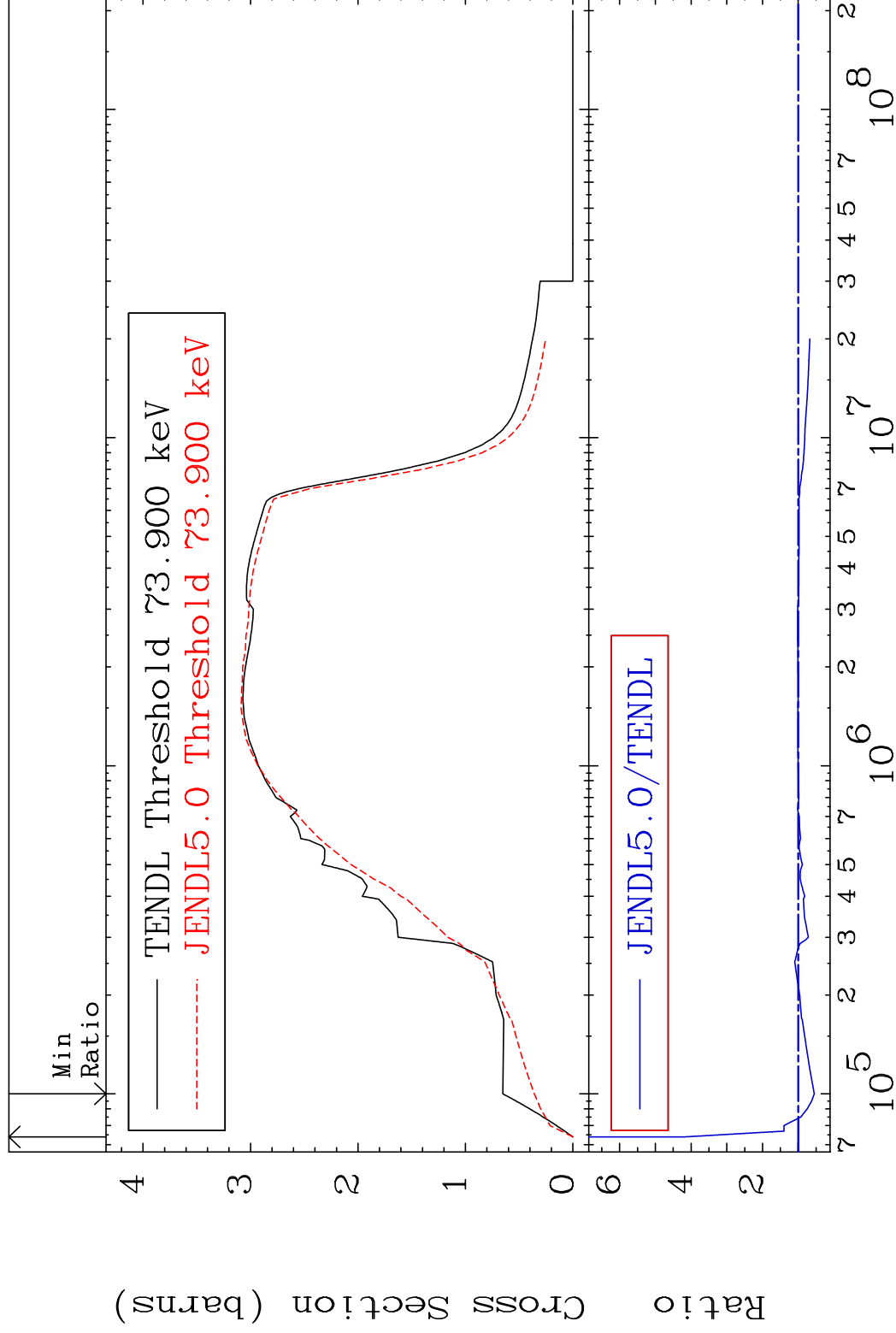
MAT 6646

Inelastic

66-Dy-163

Cross Section

-44.88 To 319.7 %

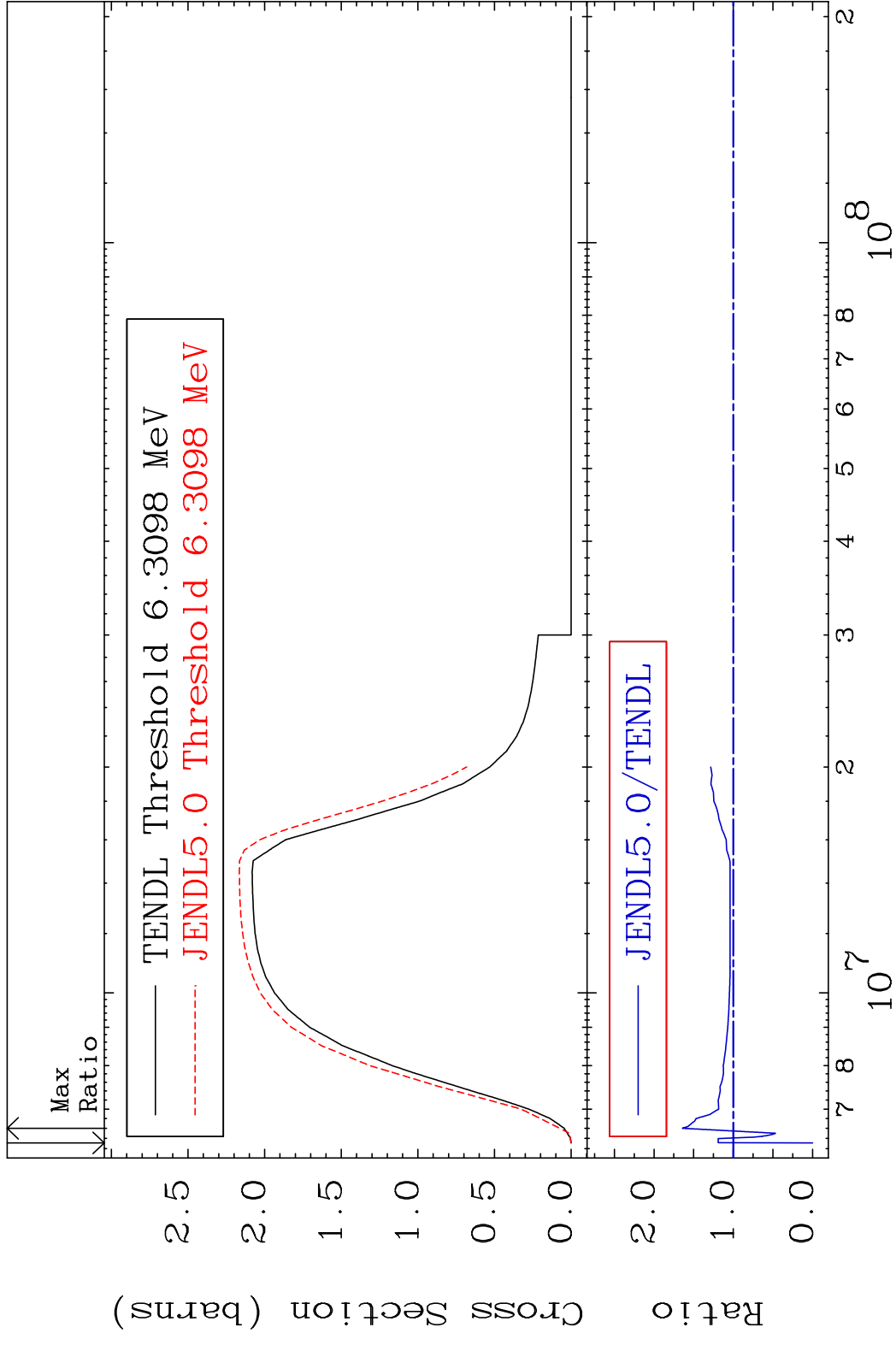


3

Incident Energy (eV)

66-Dy-163

MAT 6646 (n,2n) 66-Dy-163
 Cross Section -100.0 To 64.24 %

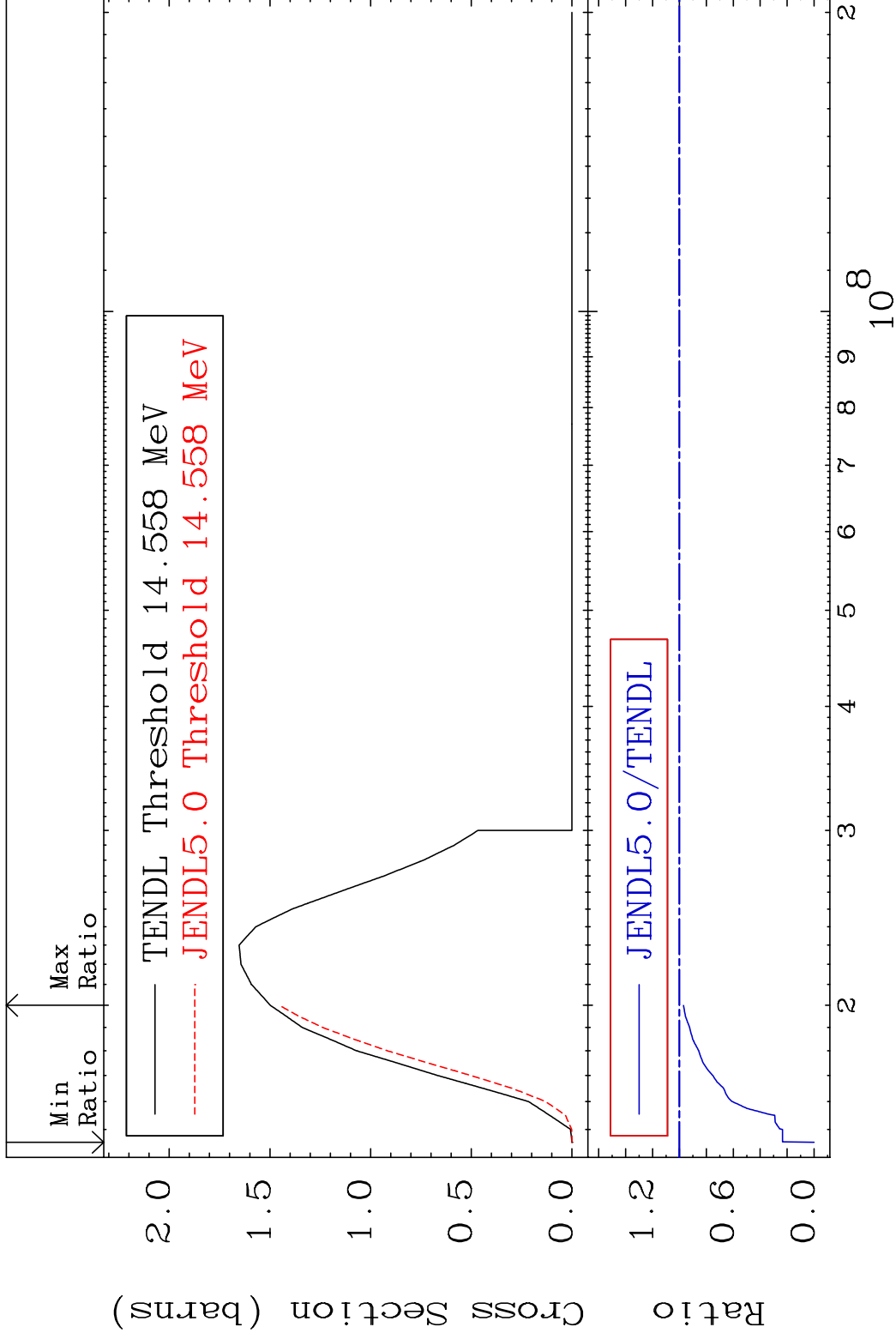


MAT 6646

(n,3n)

66-Dy-163

Cross Section -100.0 To -2.962%



5

Incident Energy (eV)

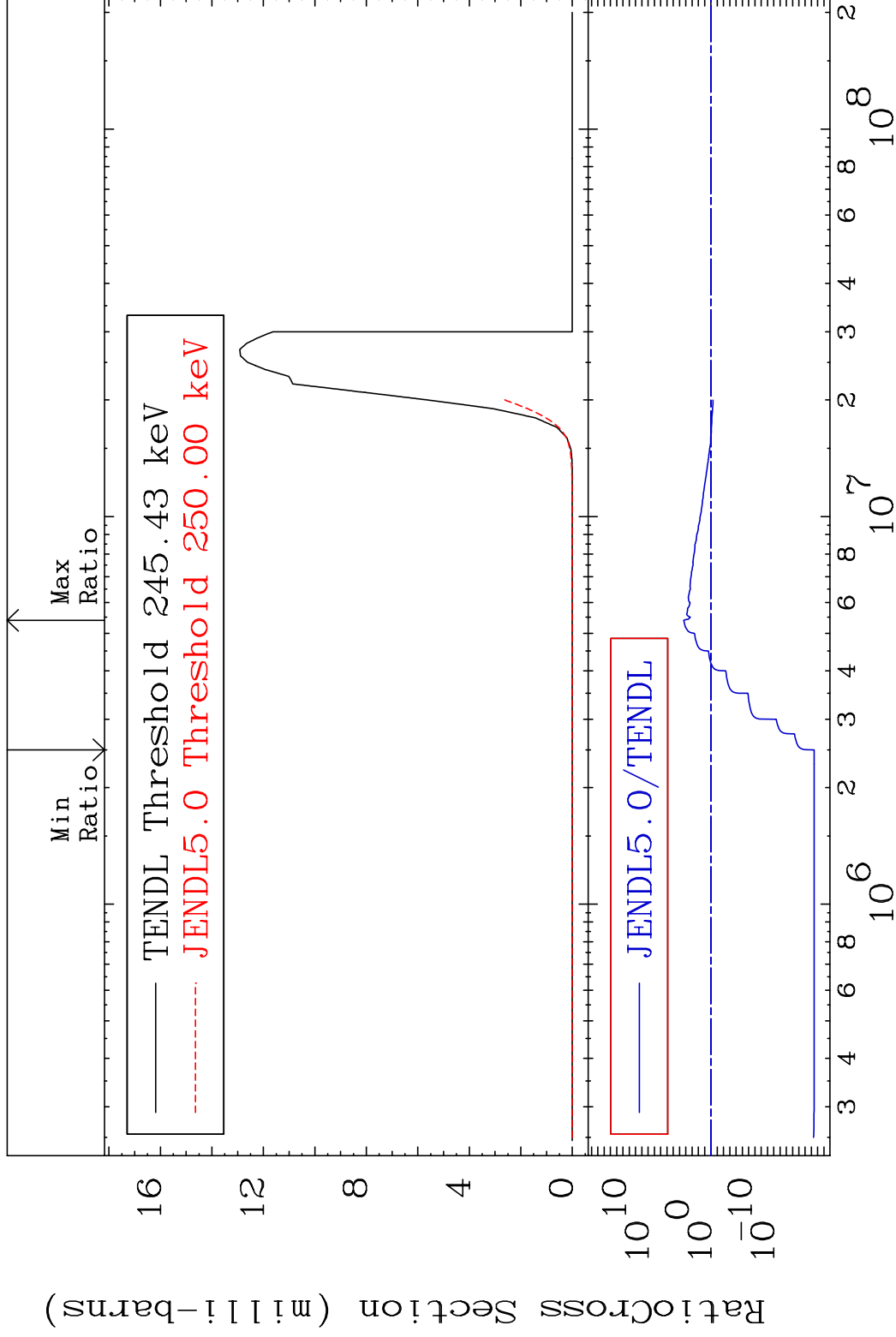
66-Dy-163

MAT 6646

(n, n') α

66-Dy-163

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

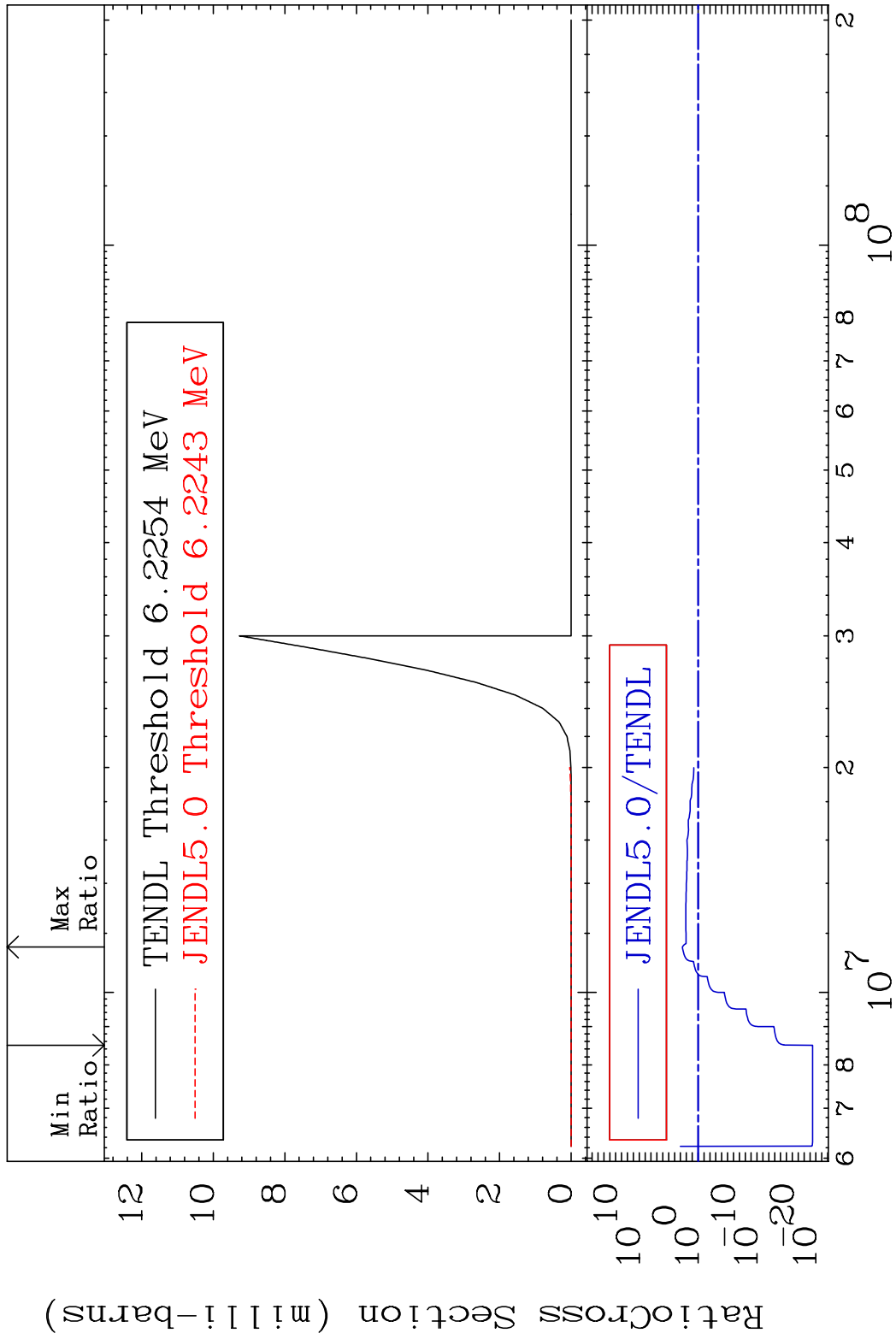
66-Dy-163

MAT 6646

(n,2n) α

66-Dy-163

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

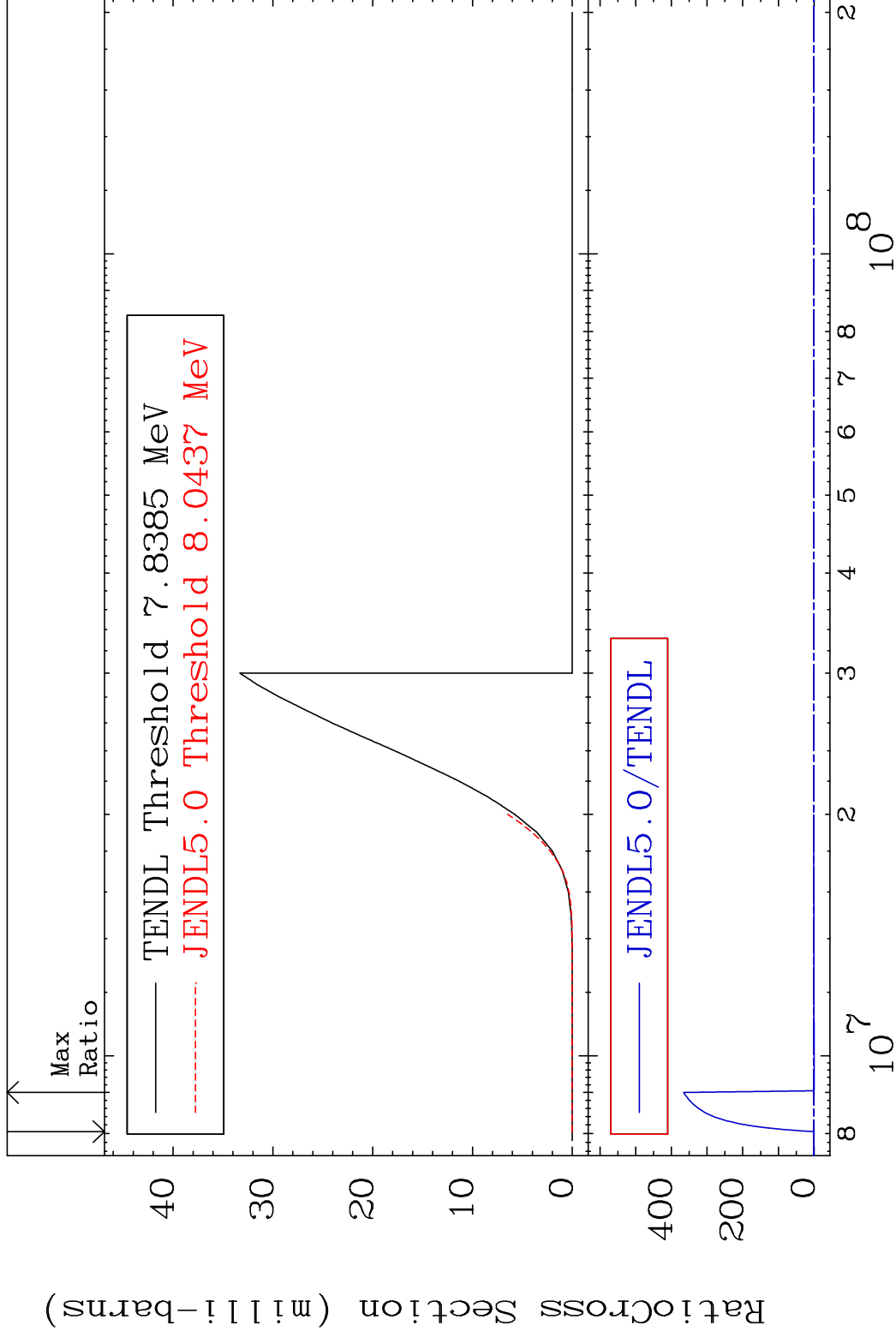
66-Dy-163

MAT 6646

(n, n') p

66-Dy-163

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

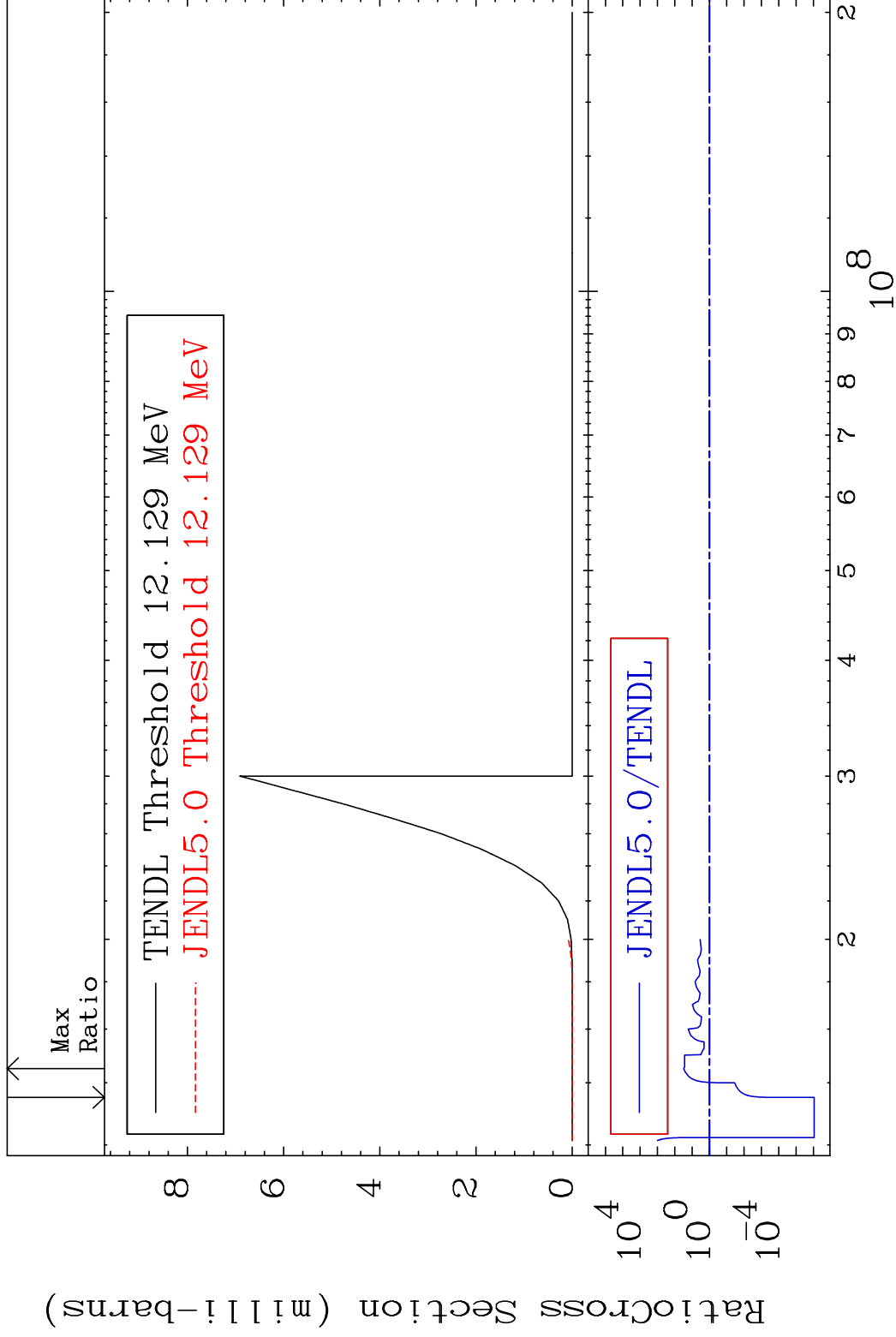
66-Dy-163

MAT 6646

(n, n') d

66-Dy-163

Cross Section -100.0 To 2967. %

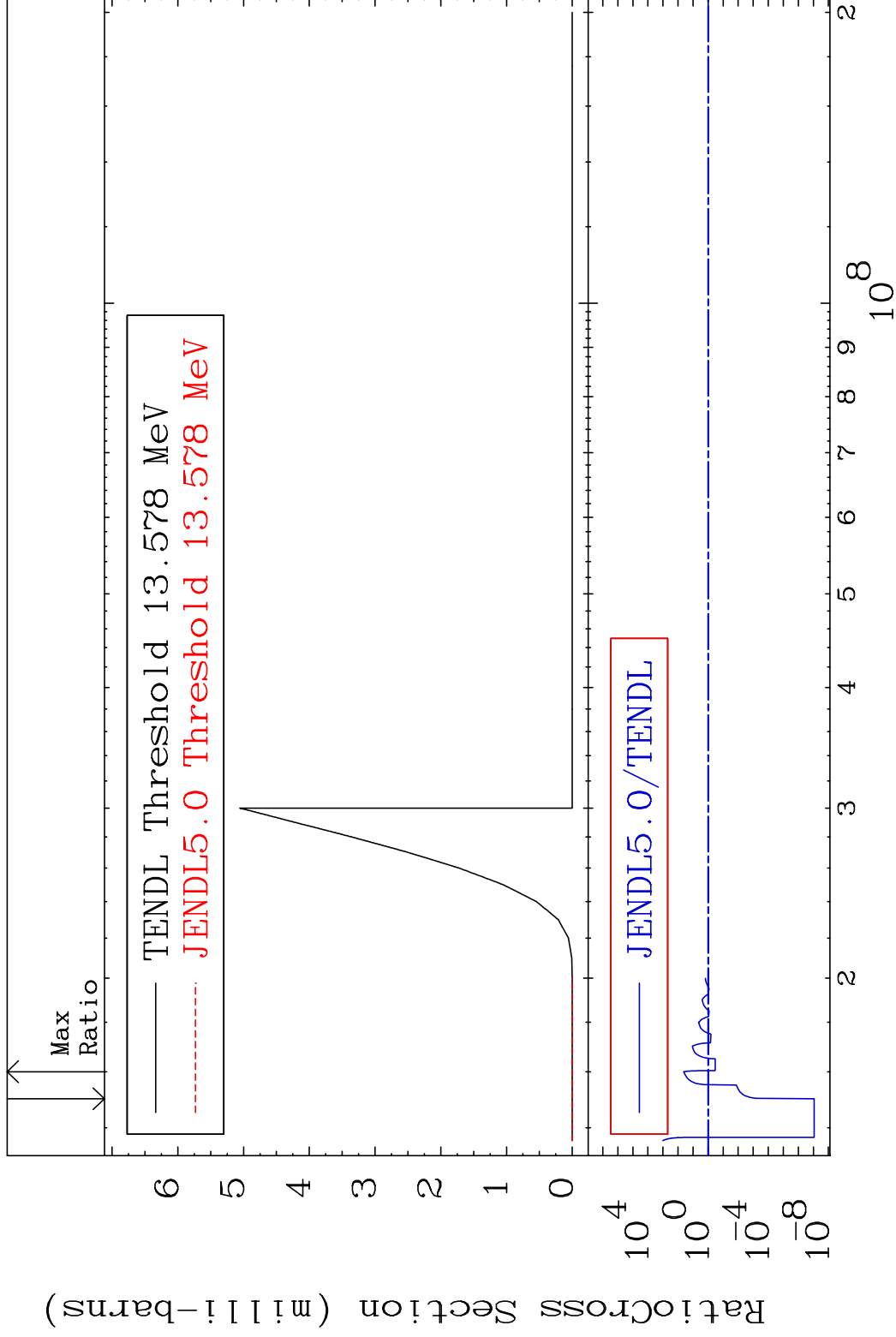


MAT 6646

(n, n') t

66-Dy-163

Cross Section -100.0 To 4105. %



10

Incident Energy (eV)

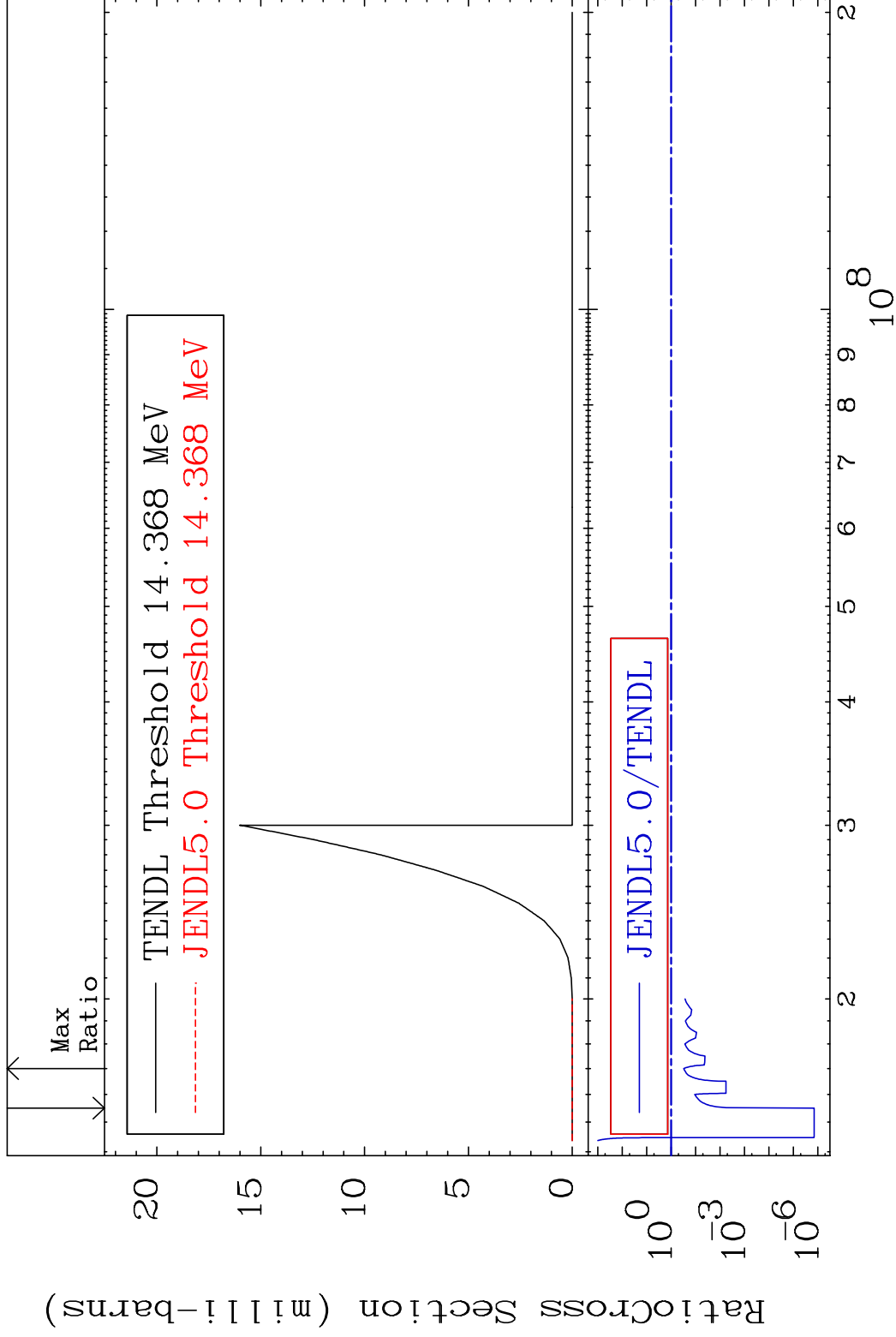
66-Dy-163

MAT 6646

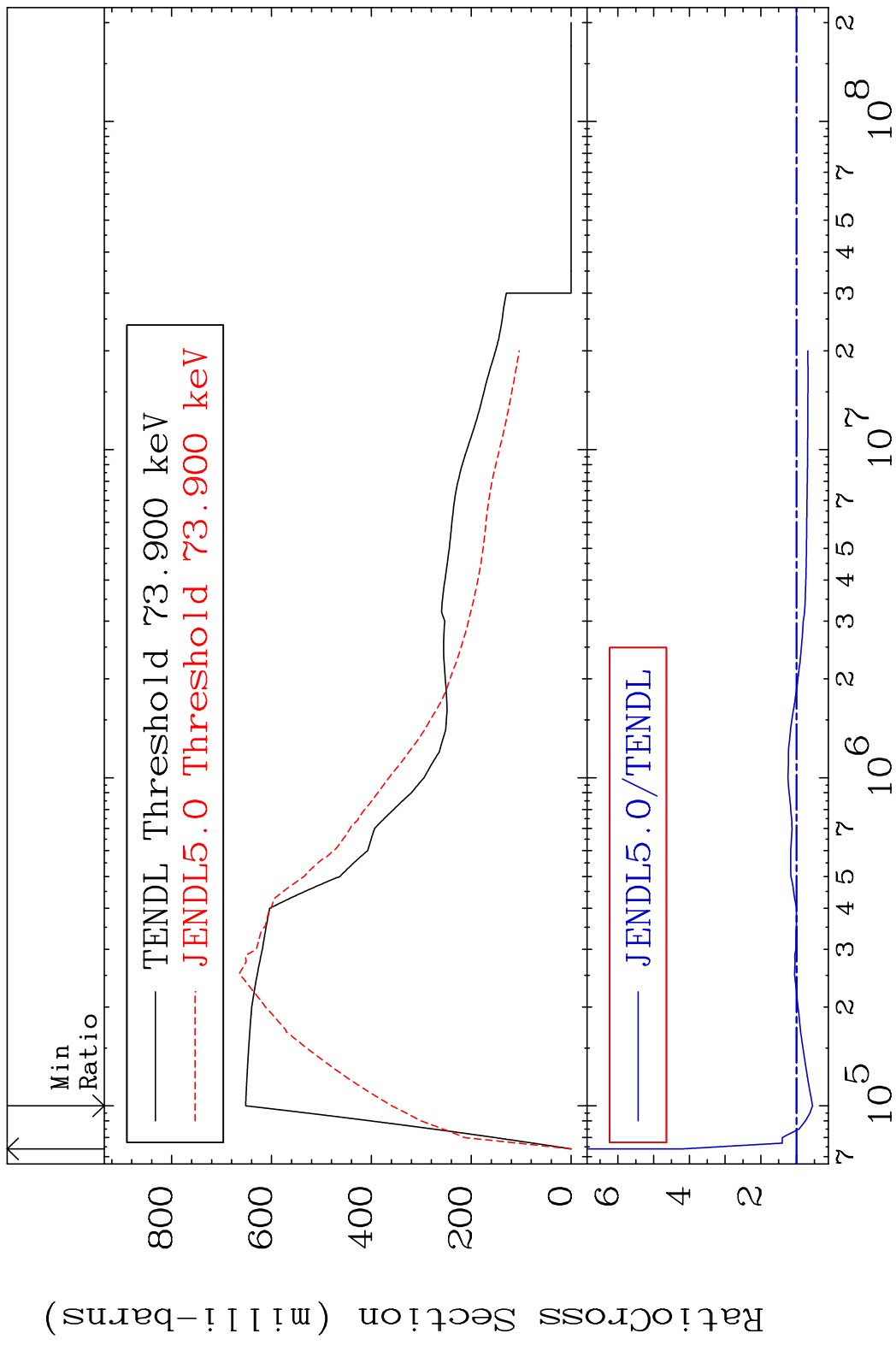
(n,2n) p

66-Dy-163

Cross Section -100.0 To -69.27%

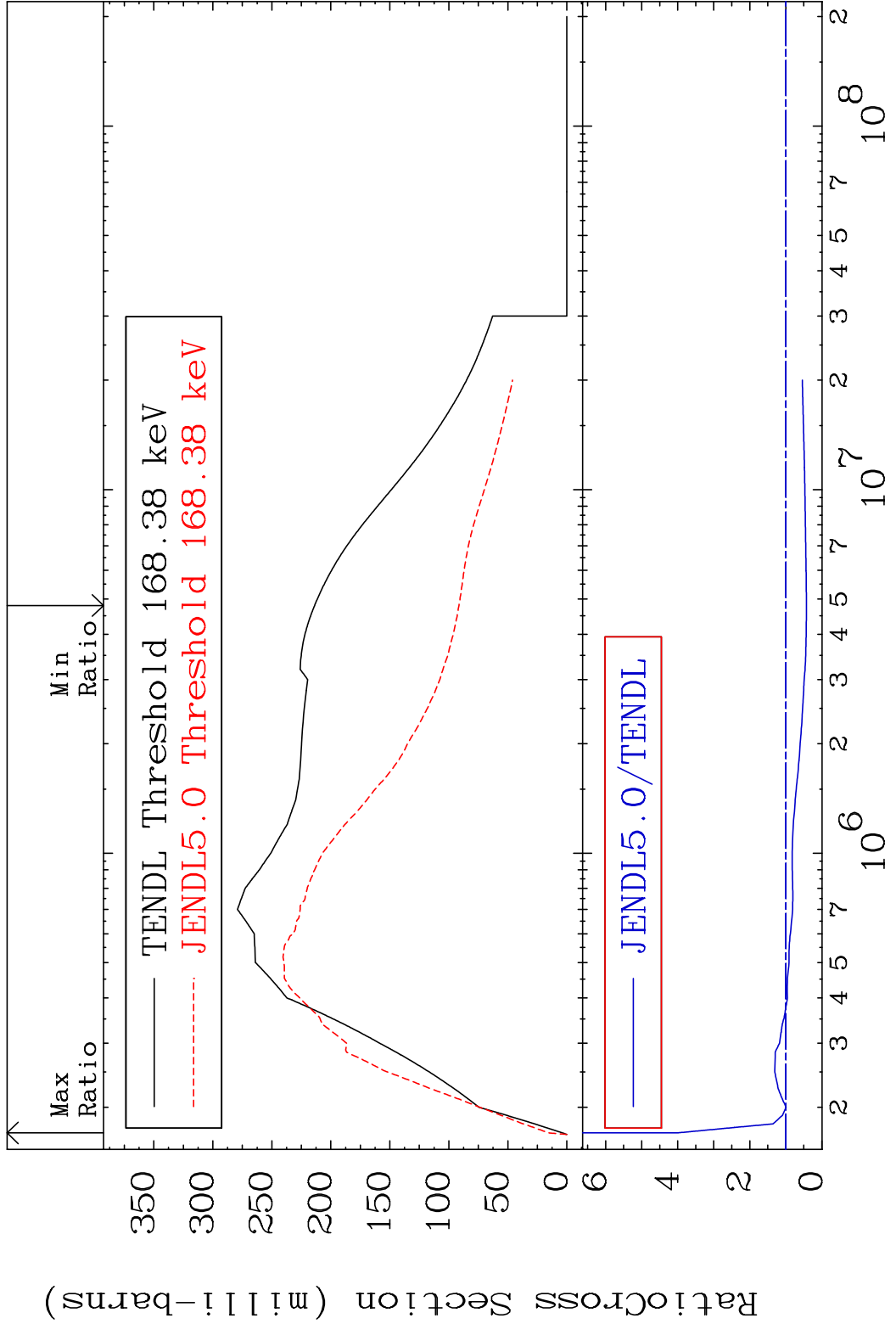


MAT 6646 MT= 51 (n, n') Level 66-Dy-163
Cross Section -44.88 To 319.7 %

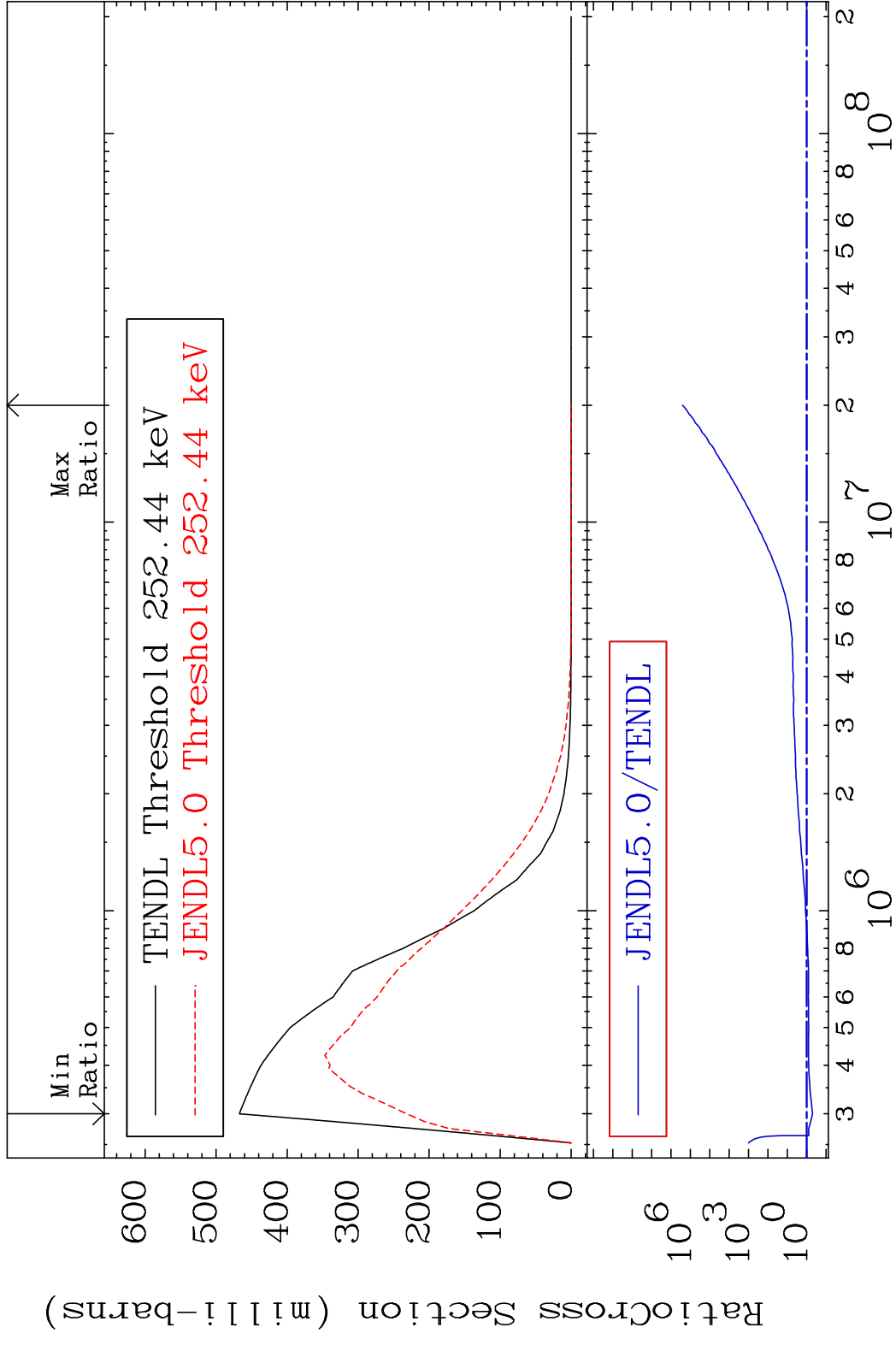


12 Incident Energy (eV) 66-Dy-163

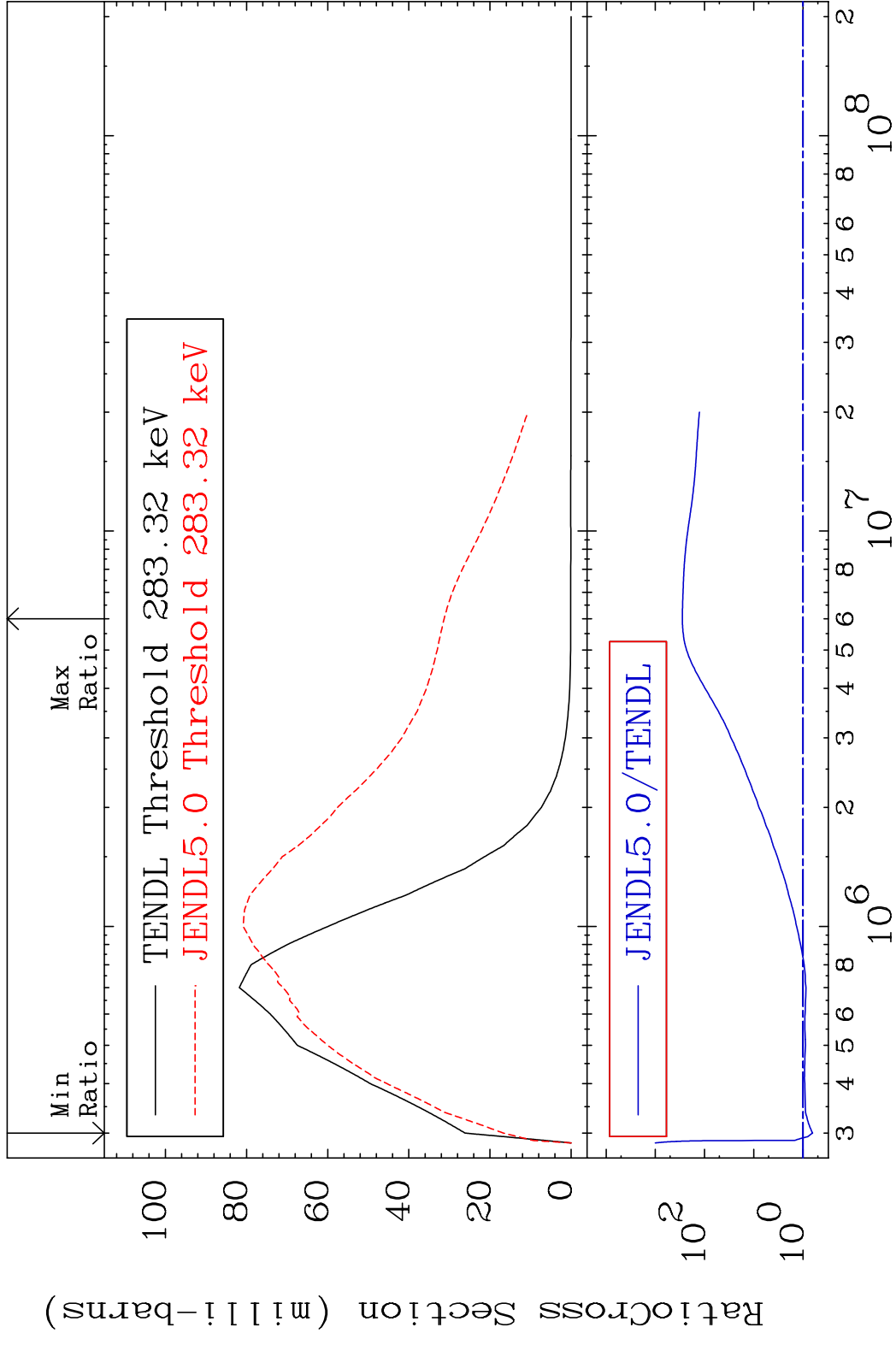
MAT 6646 MT= 52 (n, n') Level 66-Dy-163
 Cross Section -57.20 To 301.5 %



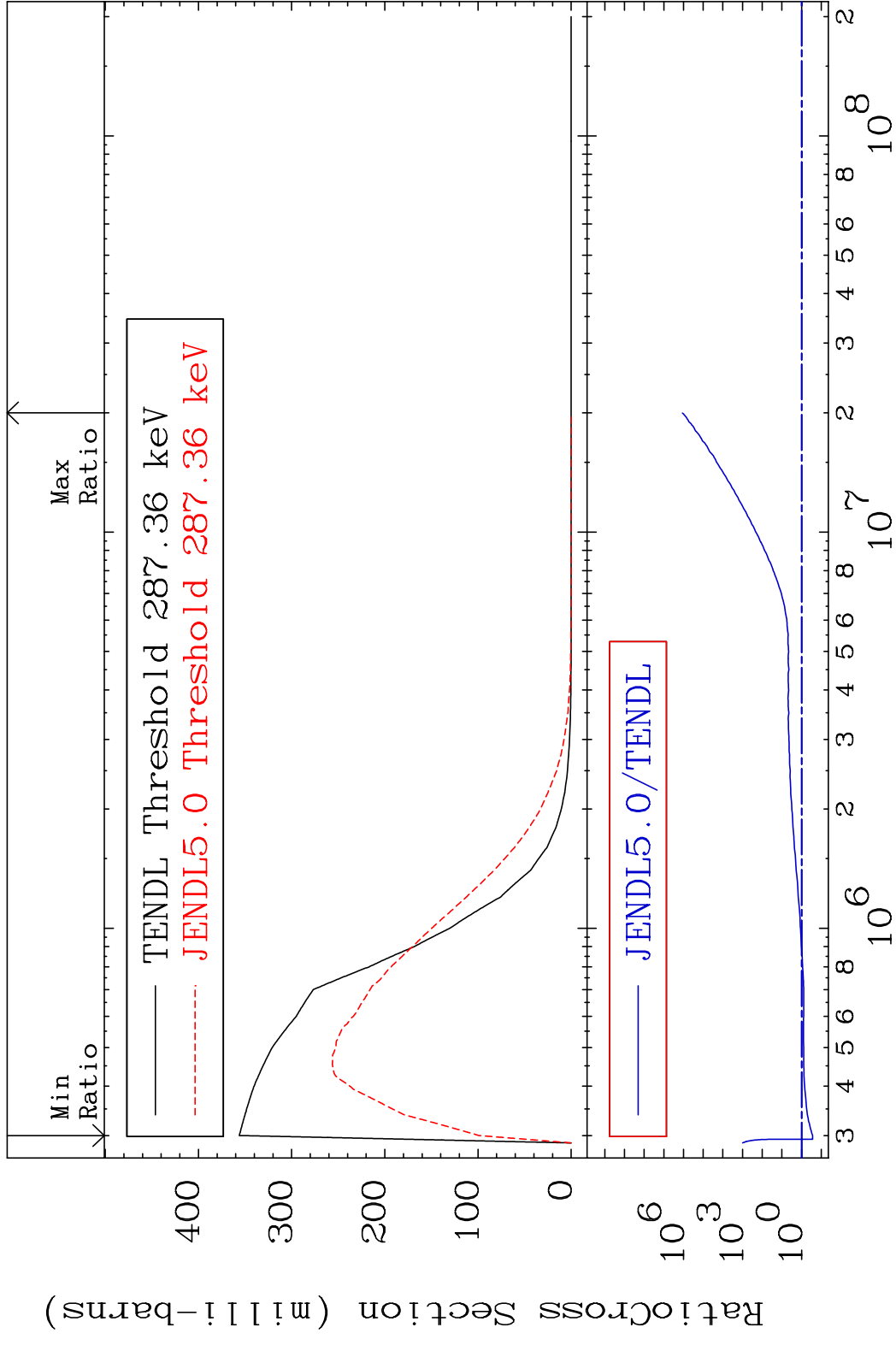
MAT 6646 MT= 53 (n, n') Level 66-Dy-163
 Cross Section -50.38 To 9999. %



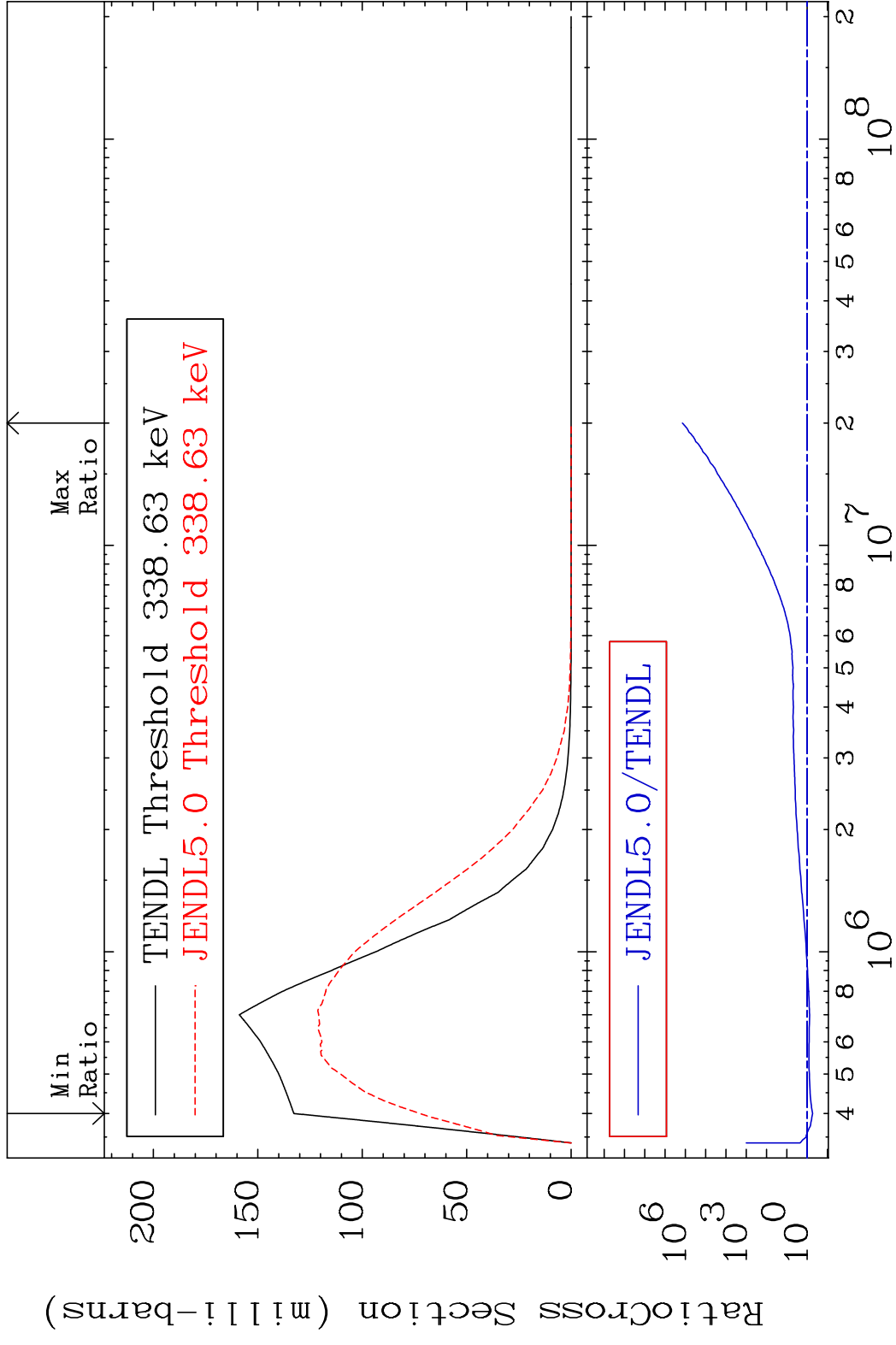
MAT 6646 MT= 54 (n, n') Level 66-Dy-163
 Cross Section -36.13 To 9999. %



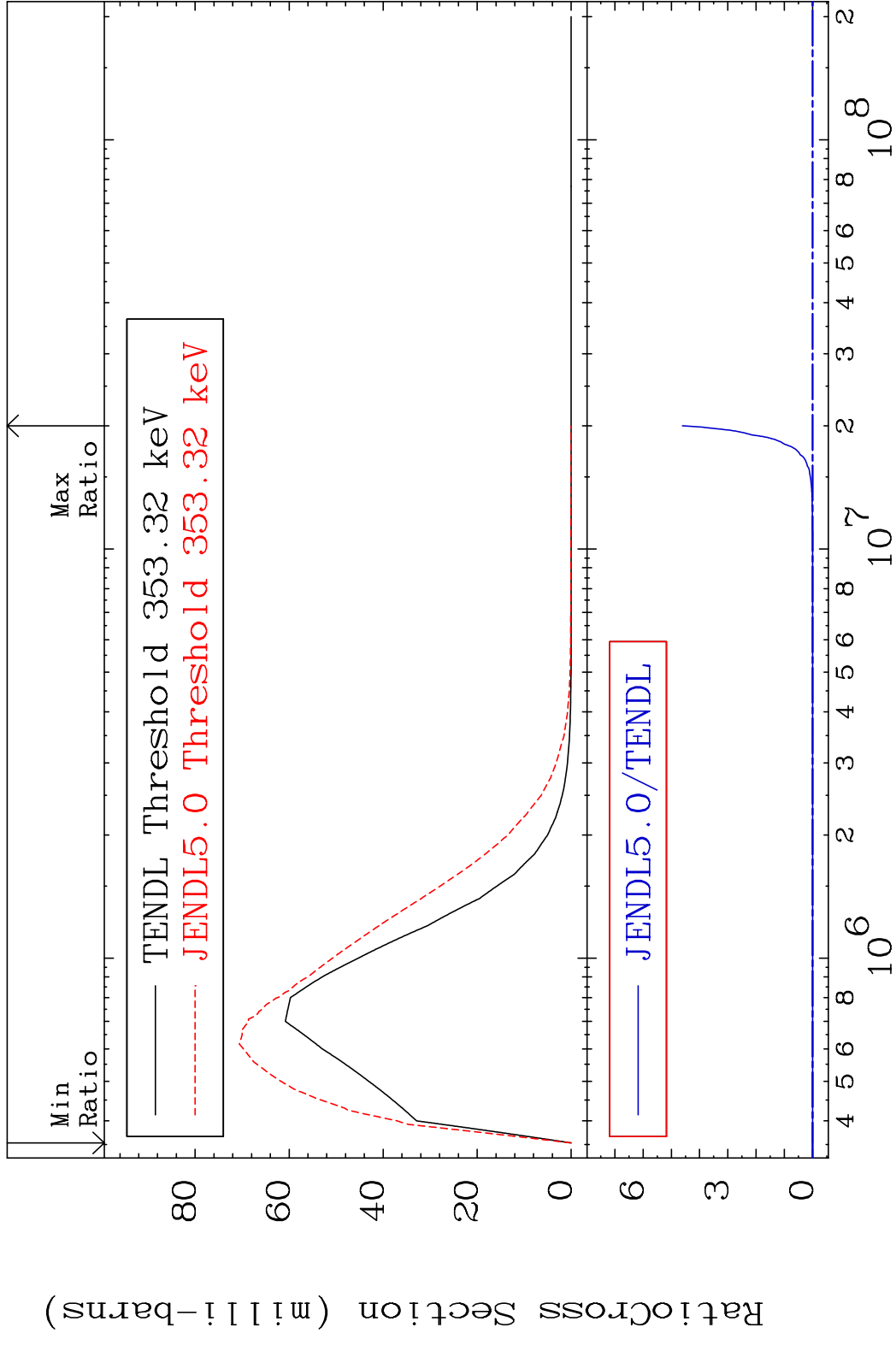
MAT 6646 MT= 55 (n, n') Level 66-Dy-163
 Cross Section -72.20 To 9999. %



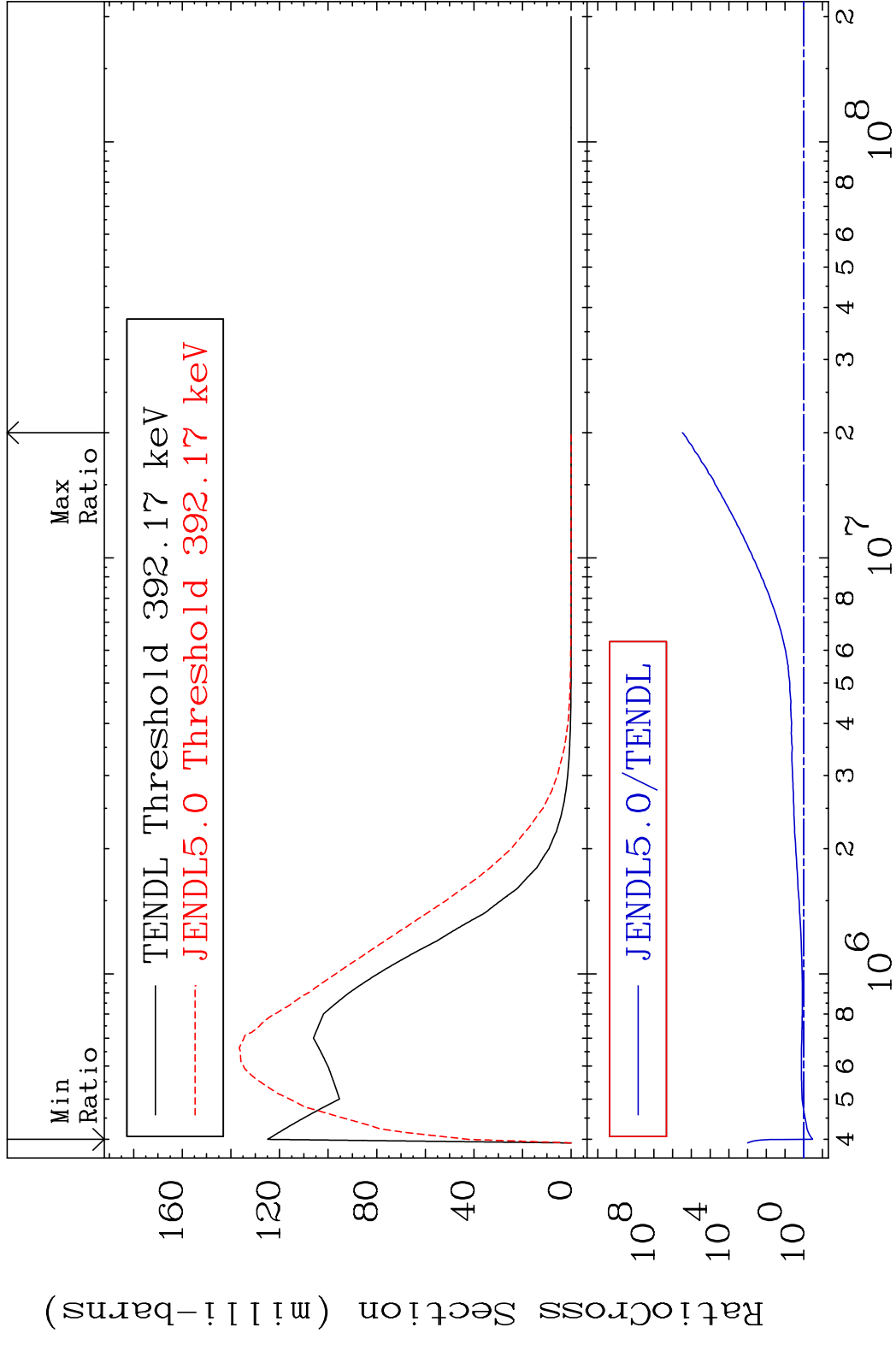
MAT 6646 MT= 56 (n, n') Level 66-Dy-163
 Cross Section -45.47 To 9999. %



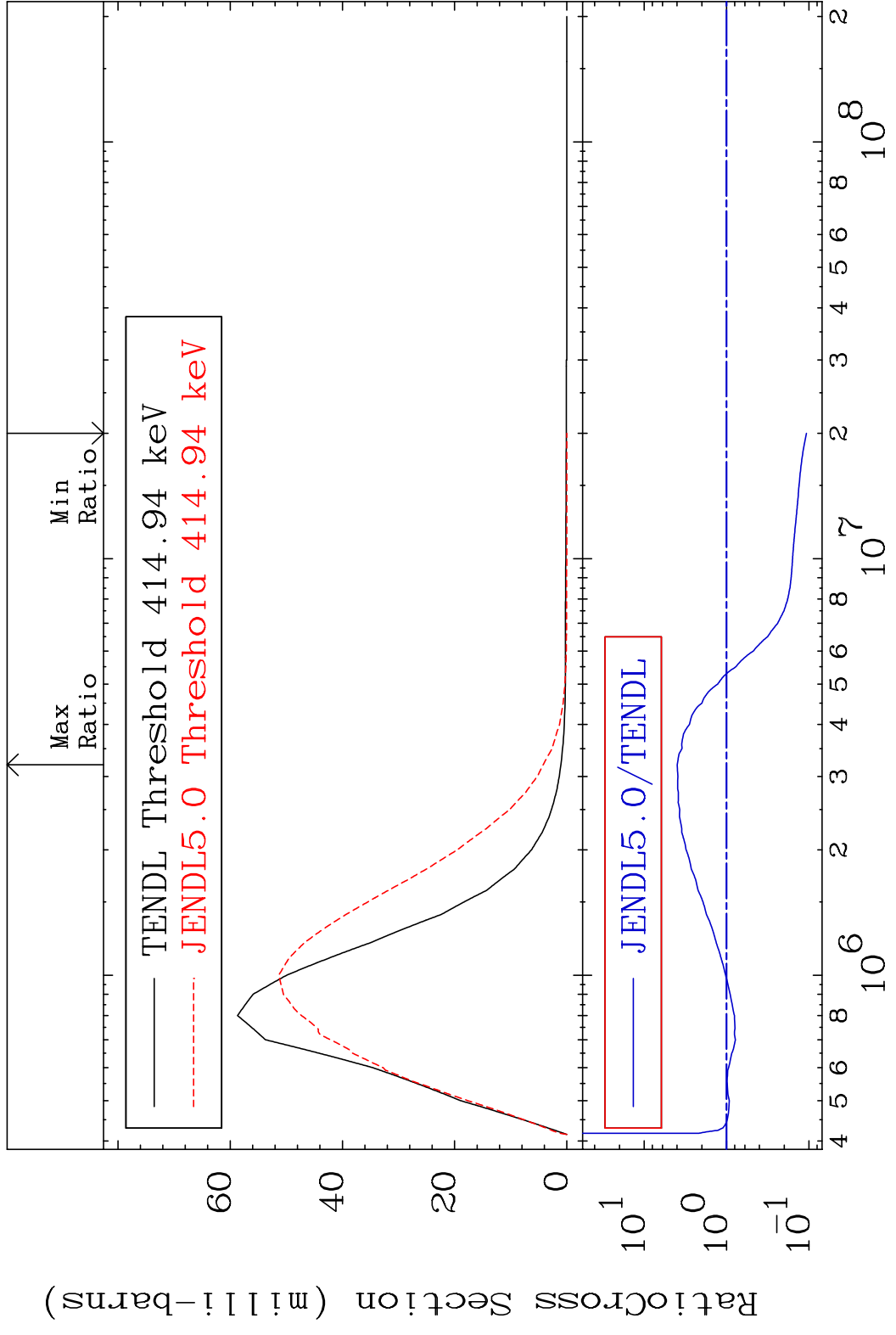
MAT 6646 MT= 57 (n, n') Level 66-Dy-163
 Cross Section -100.0 To 9999. %



MAT 6646 MT= 58 (n, n') Level 66-Dy-163
 Cross Section -66.10 To 9999. %

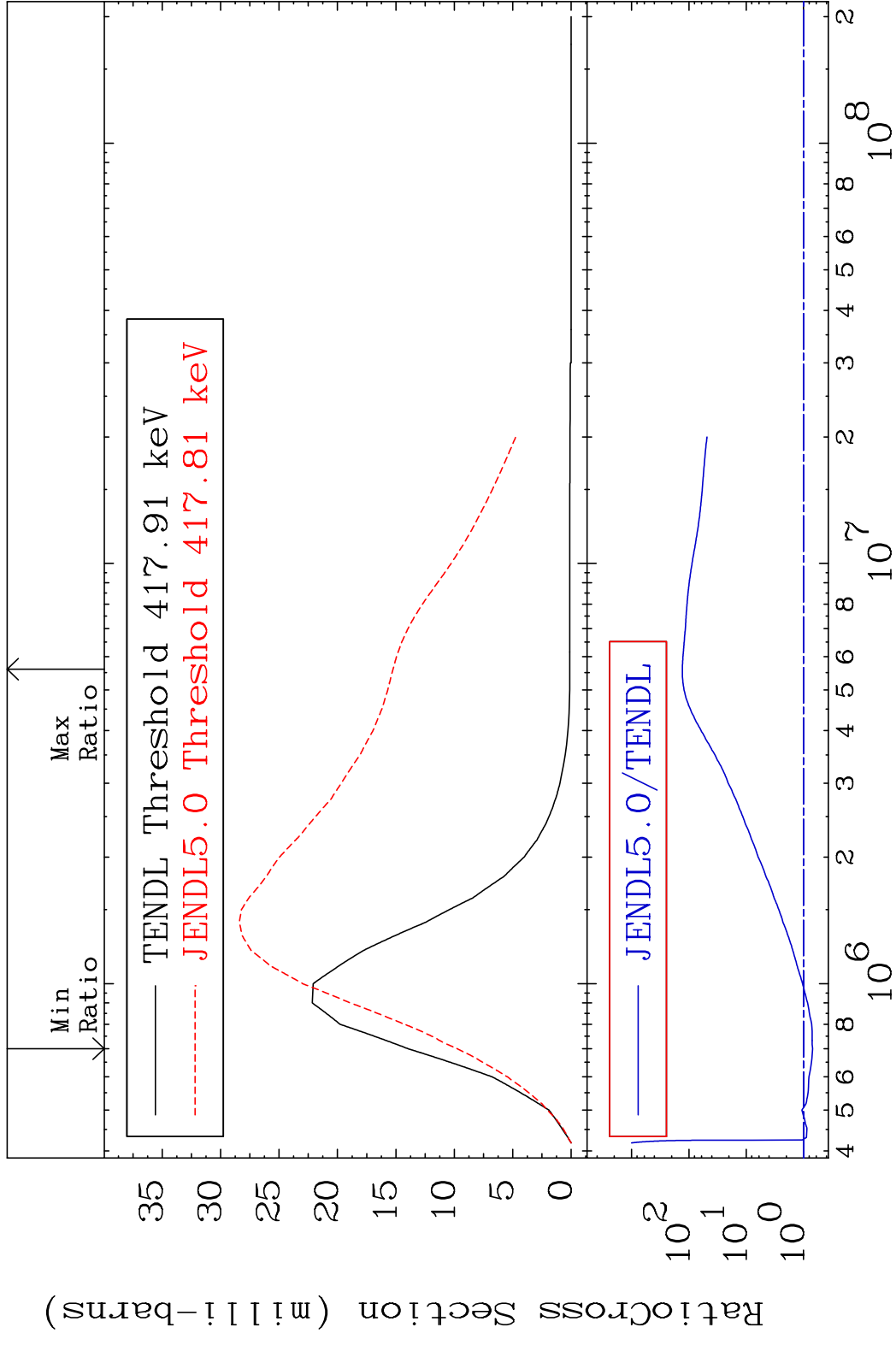


MAT 6646 MT= 59 (n, n') Level 66-Dy-163
 Cross Section -89.23 To 298.2 %

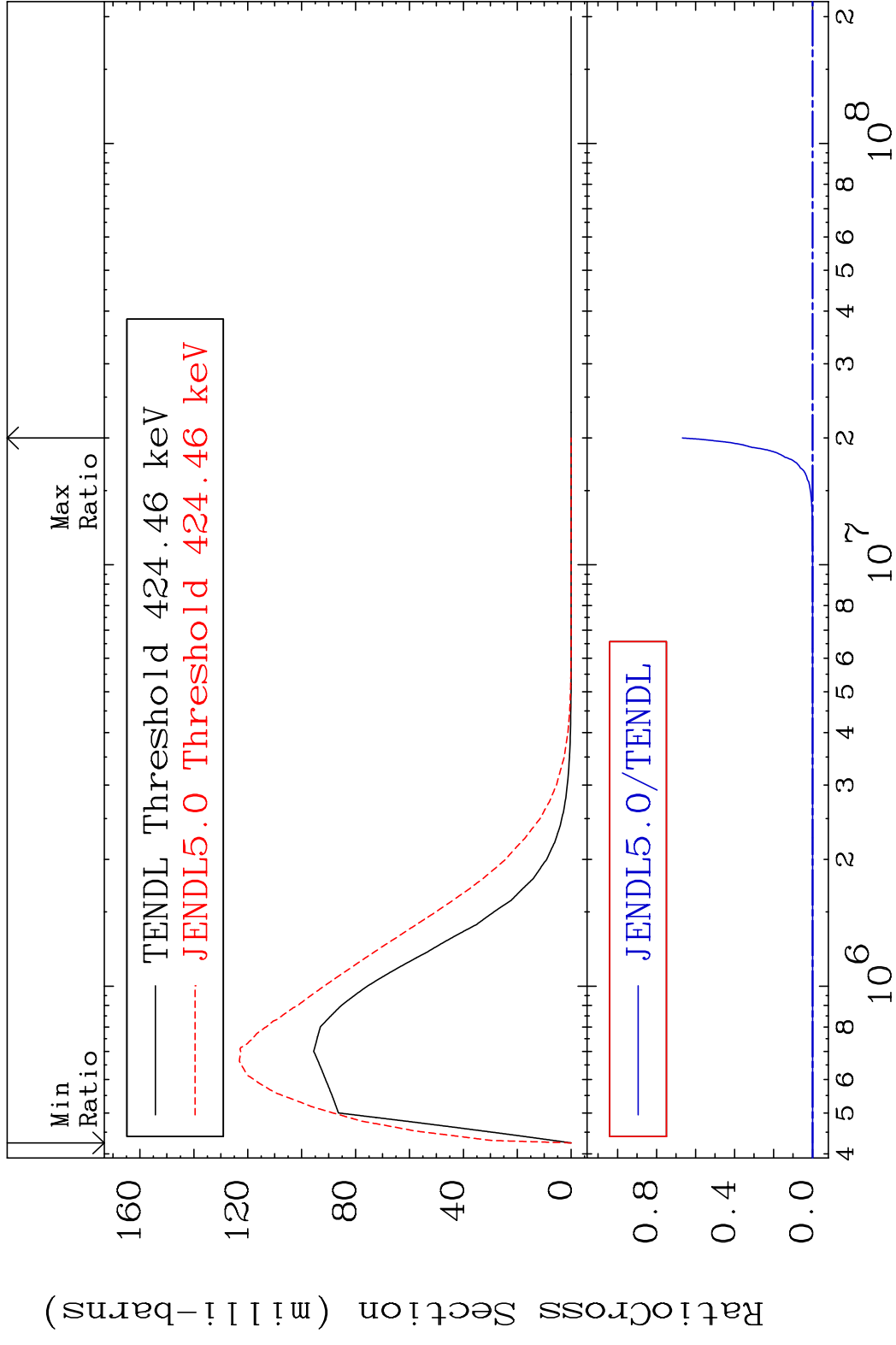


20 Incident Energy (eV) 66-Dy-163

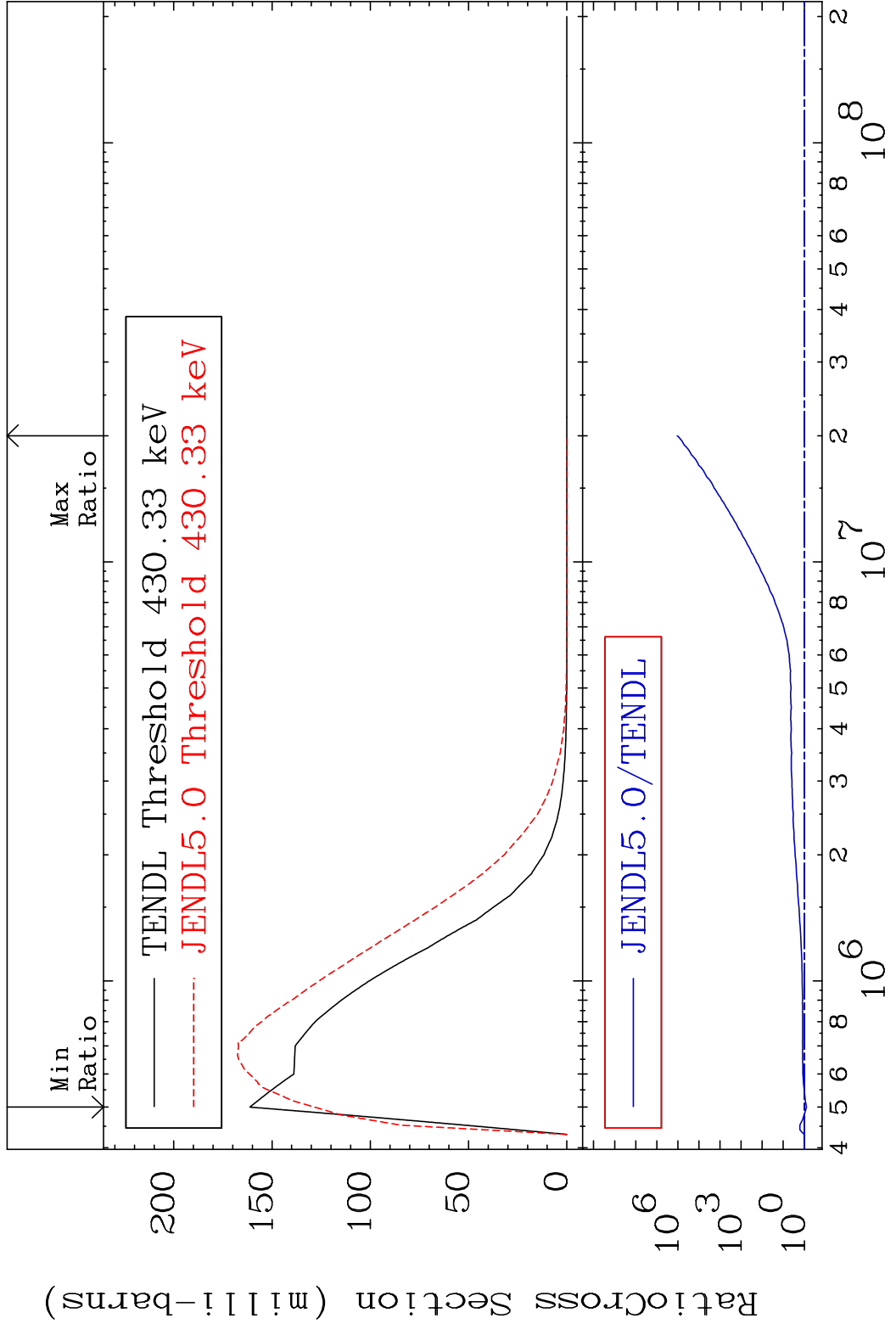
MAT 6646 MT= 60 (n, n') Level 66-Dy-163
 Cross Section -30.22 To 9999. %



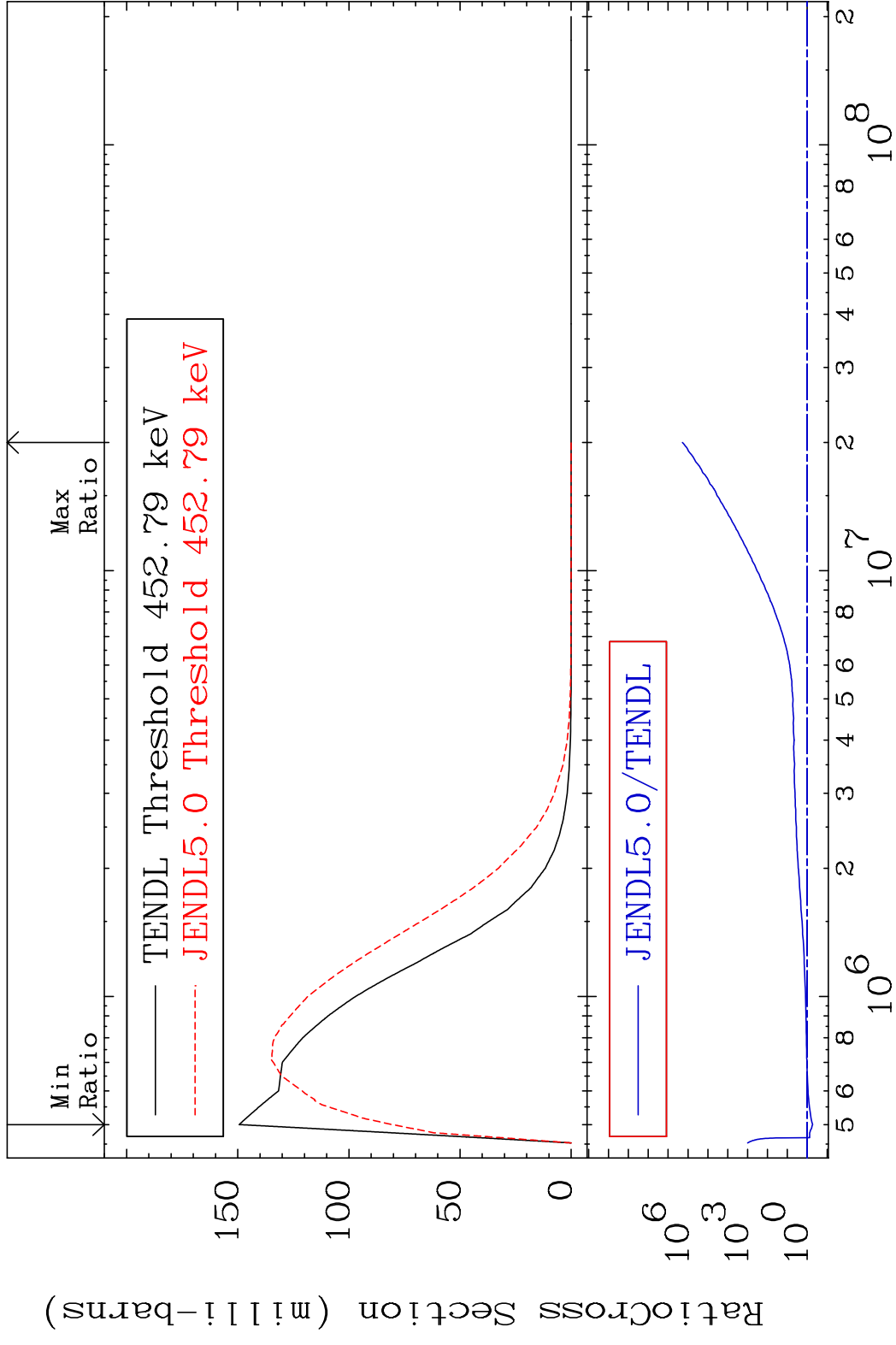
MAT 6646 MT= 61 (n, n') Level 66-Dy-163
 Cross Section -100.0 To 9999. %



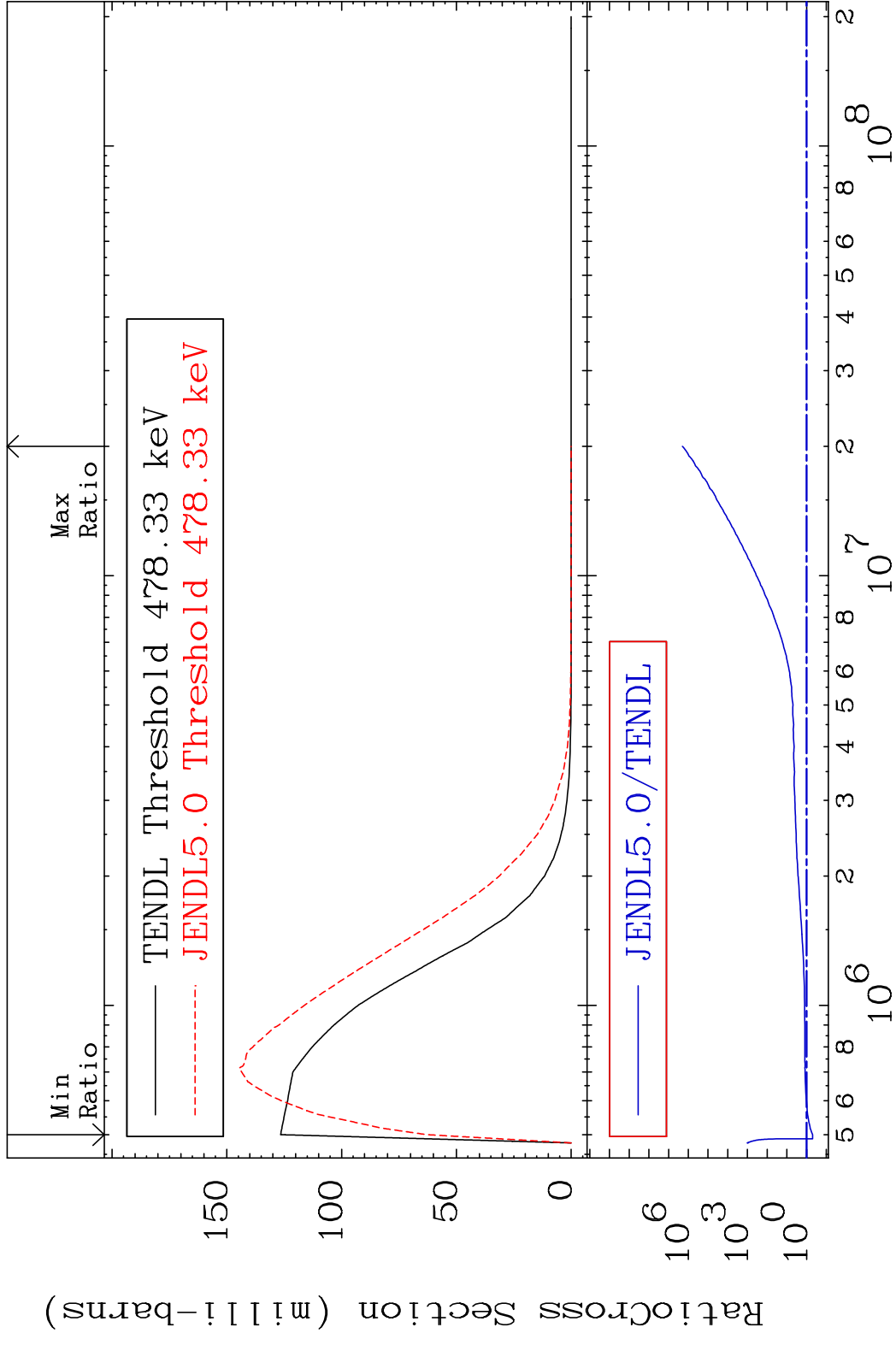
MAT 6646 MT= 62 (n, n') Level 66-Dy-163
 Cross Section -20.36 To 9999. %



MAT 6646 MT= 63 (n, n') Level 66-Dy-163
 Cross Section -46.01 To 9999. %

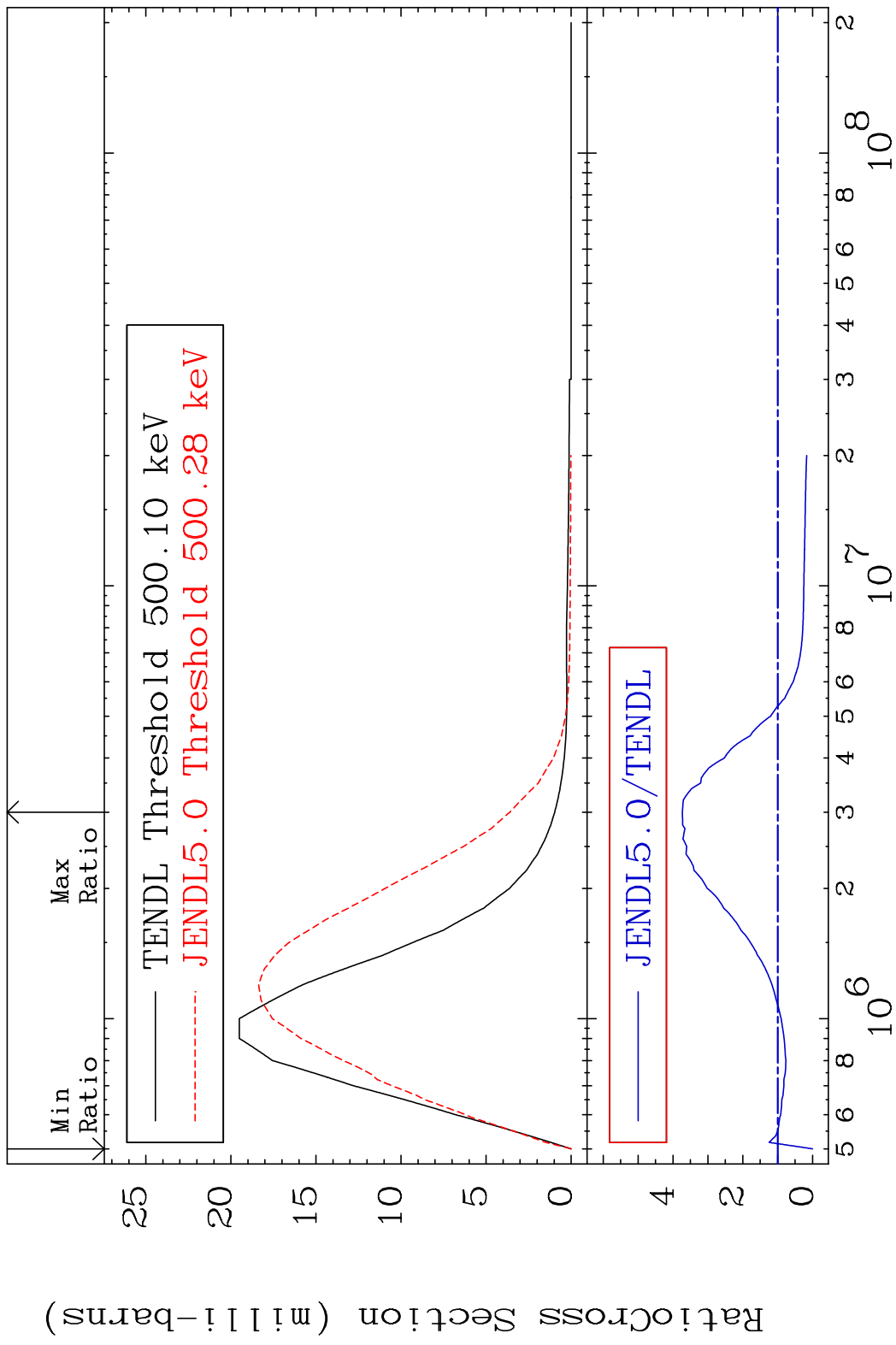


MAT 6646 MT= 64 (n, n') Level 66-Dy-163
 Cross Section -50.35 To 9999. %

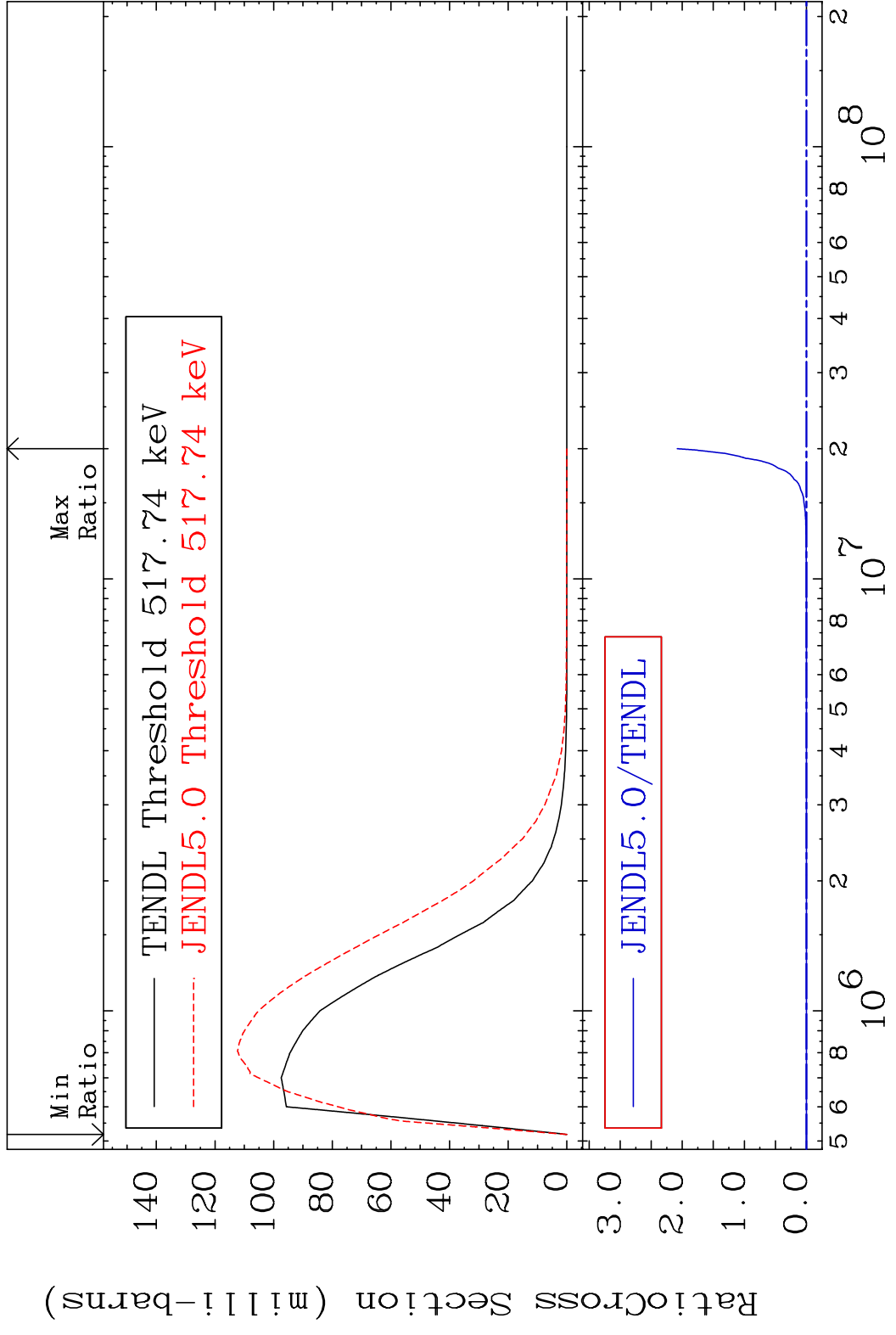


25 Incident Energy (eV) 66-Dy-163

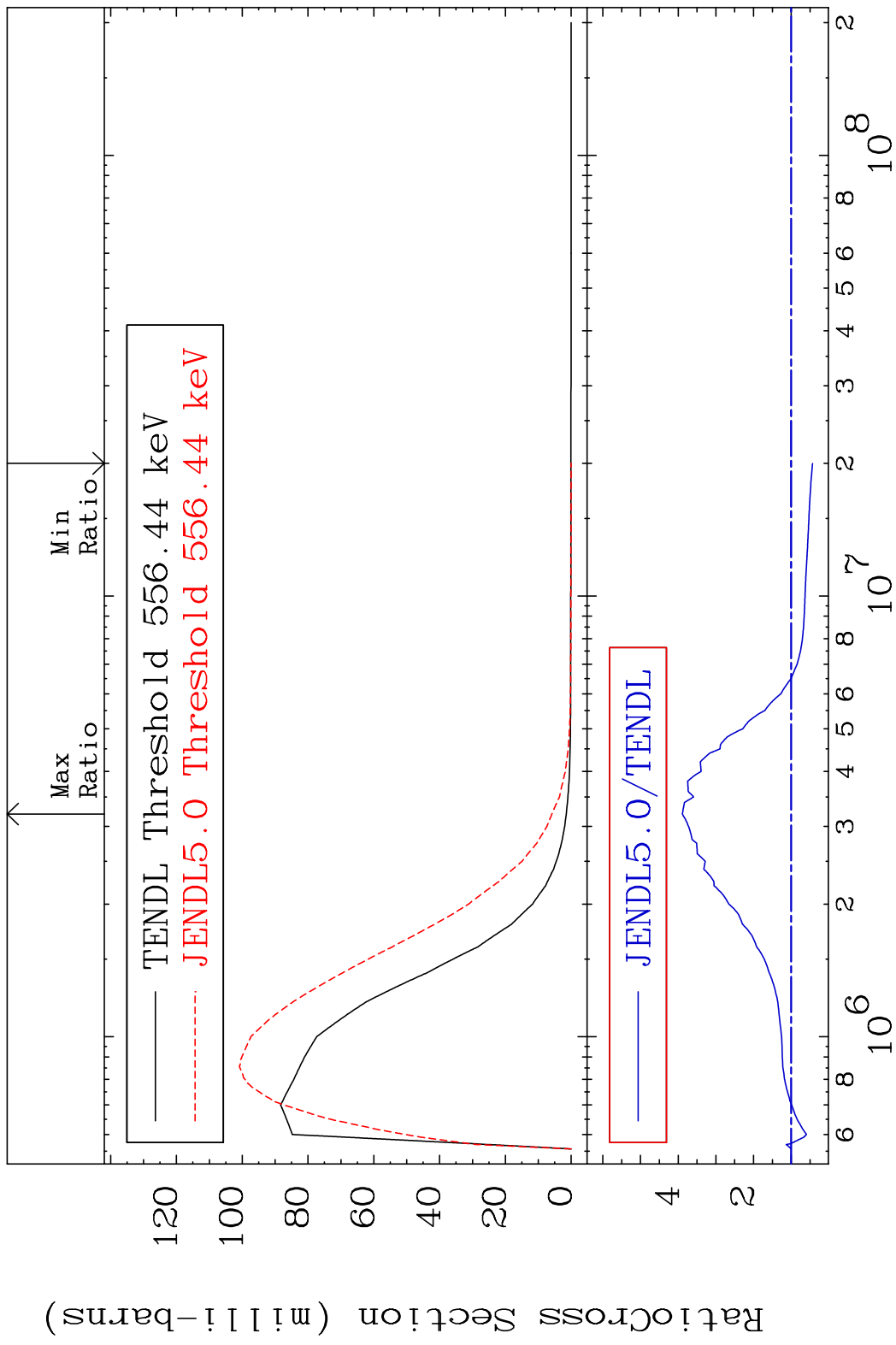
MAT 6646 MT= 65 (n, n') Level 66-Dy-163
 Cross Section -100.0 To 273.2 %



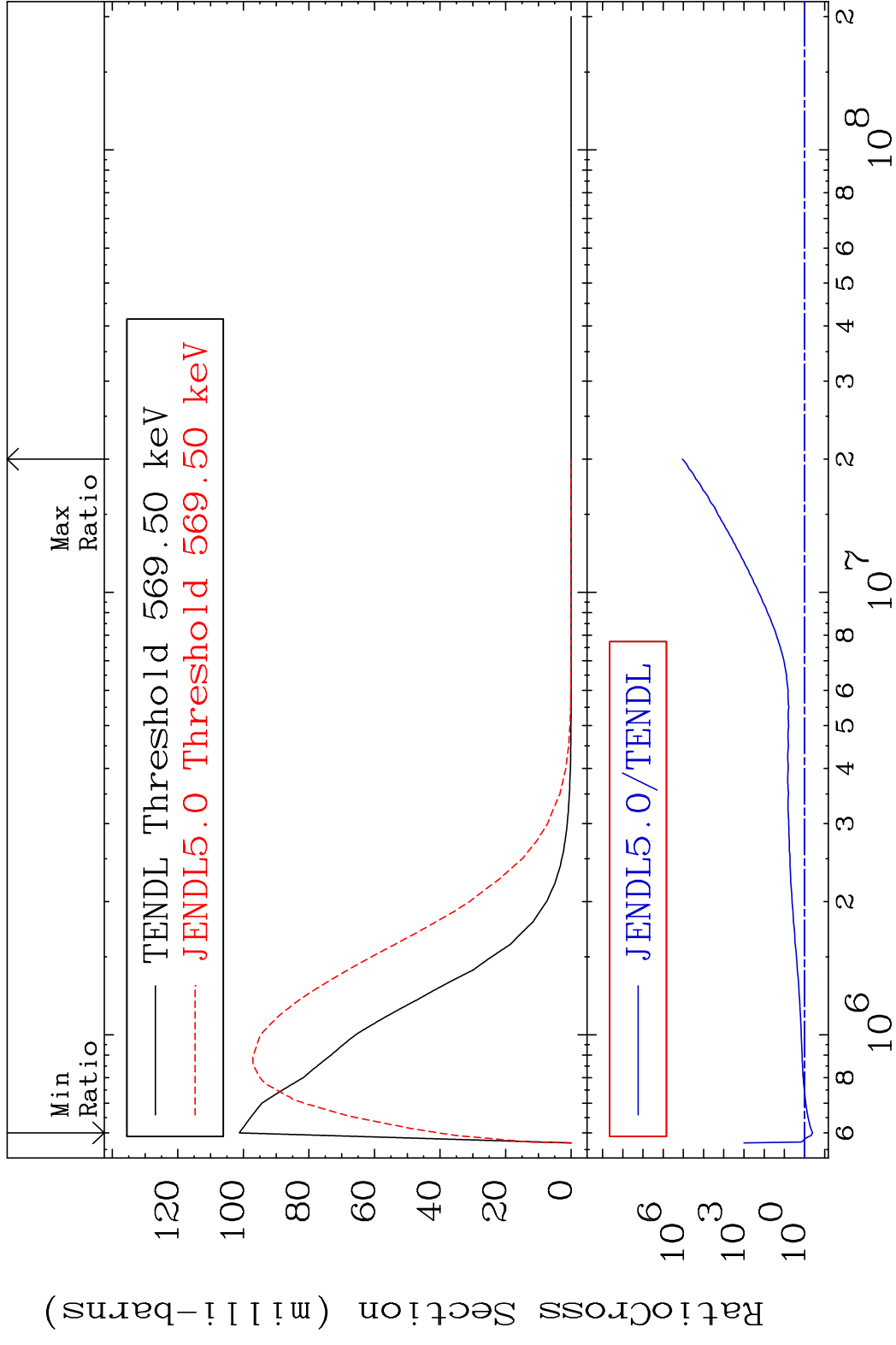
MAT 6646 MT= 66 (n, n') Level 66-Dy-163
 Cross Section -100.0 To 9999. %



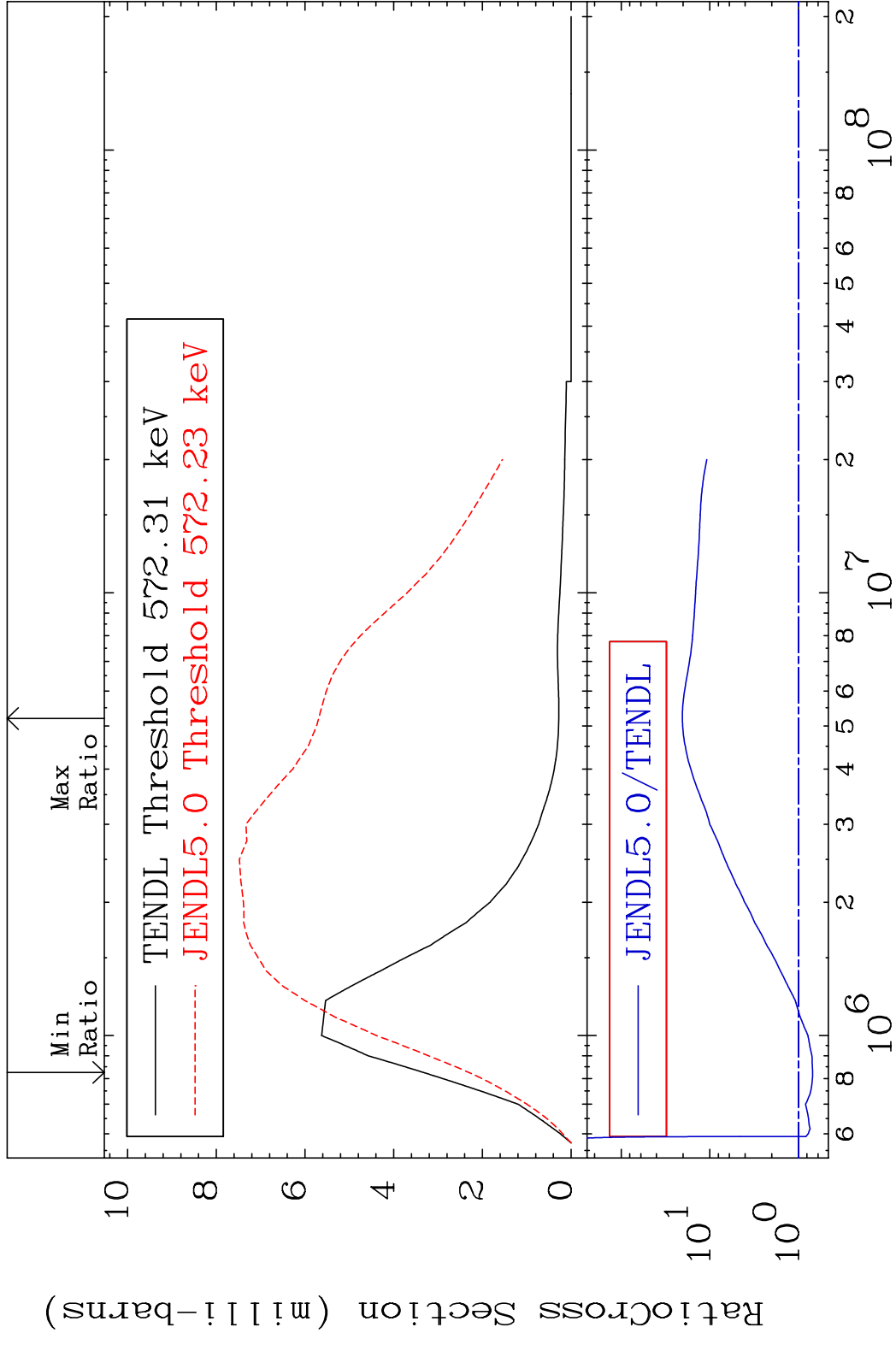
MAT 6646 MT= 67 (n, n') Level 66-Dy-163
 Cross Section -56.50 To 288.9 %



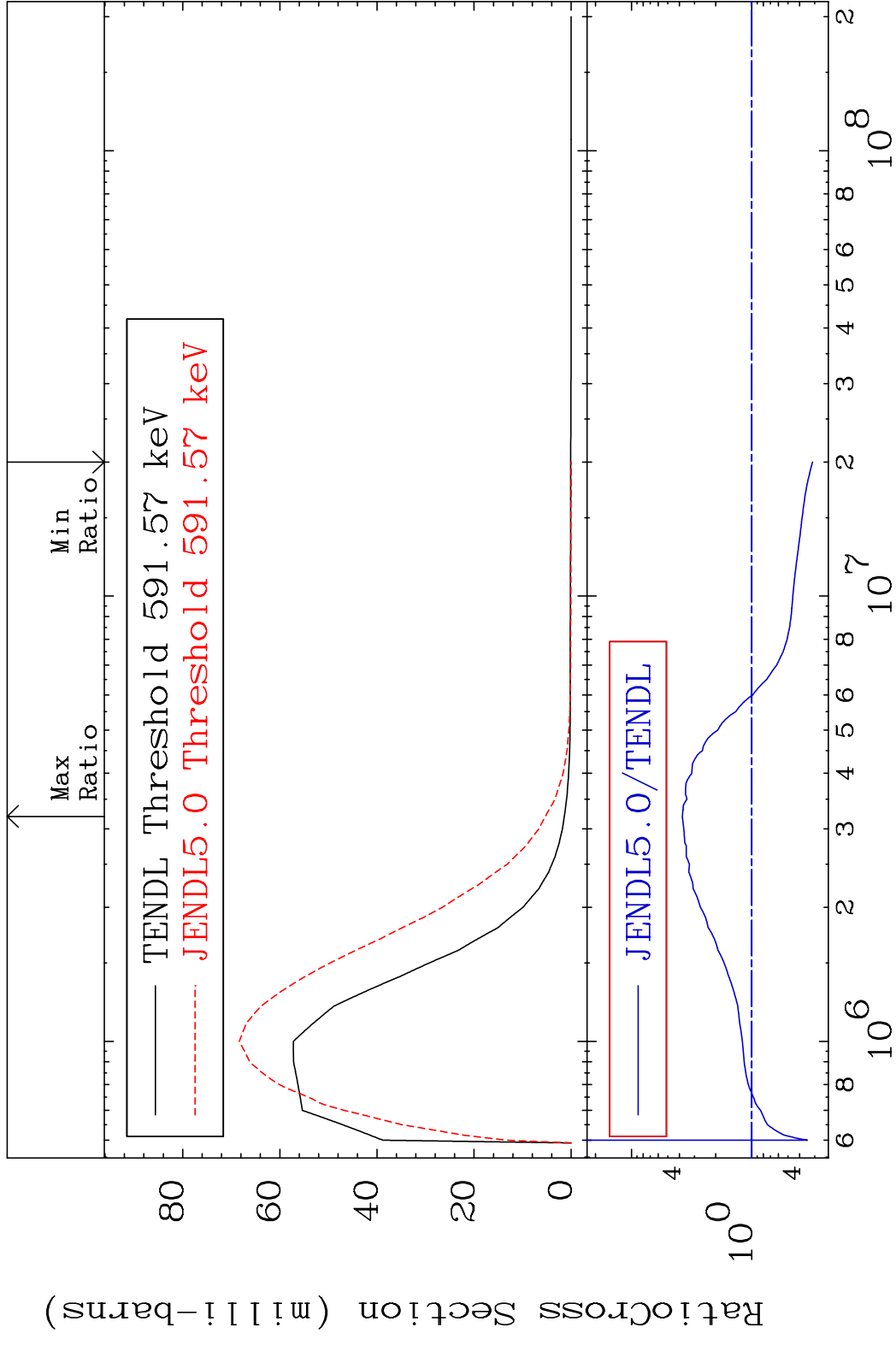
MAT 6646 MT= 68 (n, n') Level 66-Dy-163
 Cross Section -60.05 To 9999. %



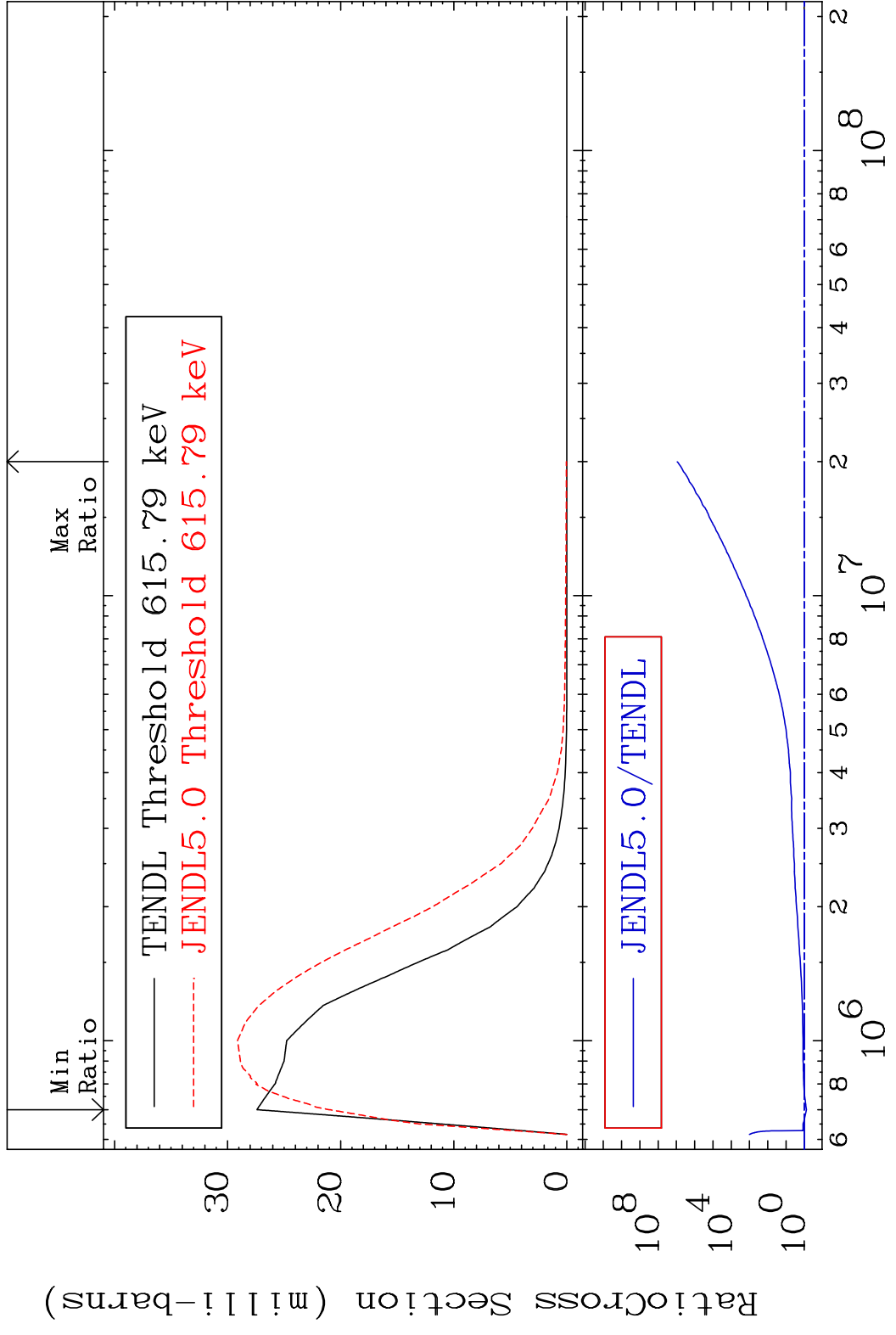
MAT 6646 MT= 69 (n, n') Level 66-Dy-163
 Cross Section -30.75 To 1942. %



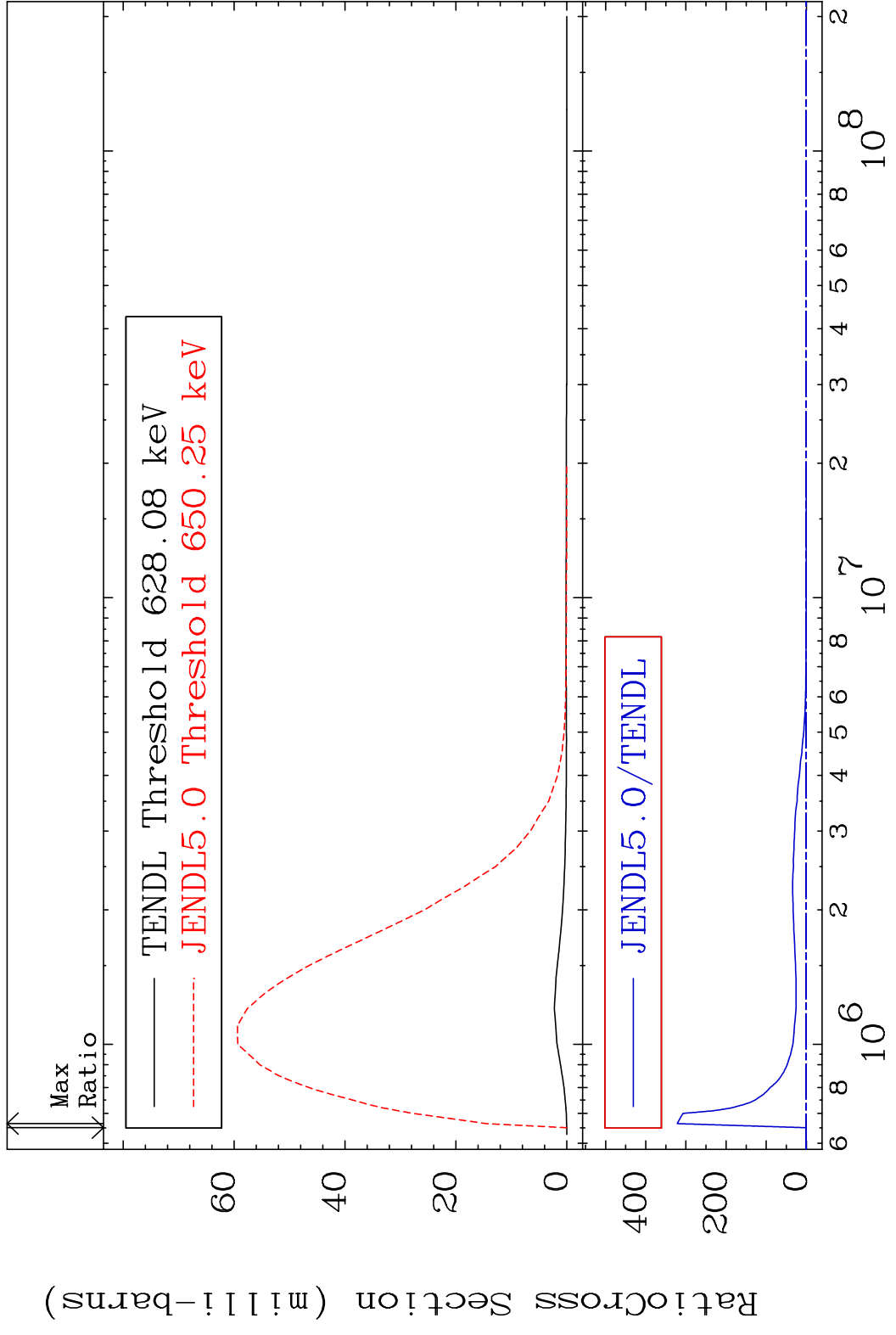
MAT 6646 MT= 70 (n, n') Level 66-Dy-163
 Cross Section -68.83 To 278.0 %



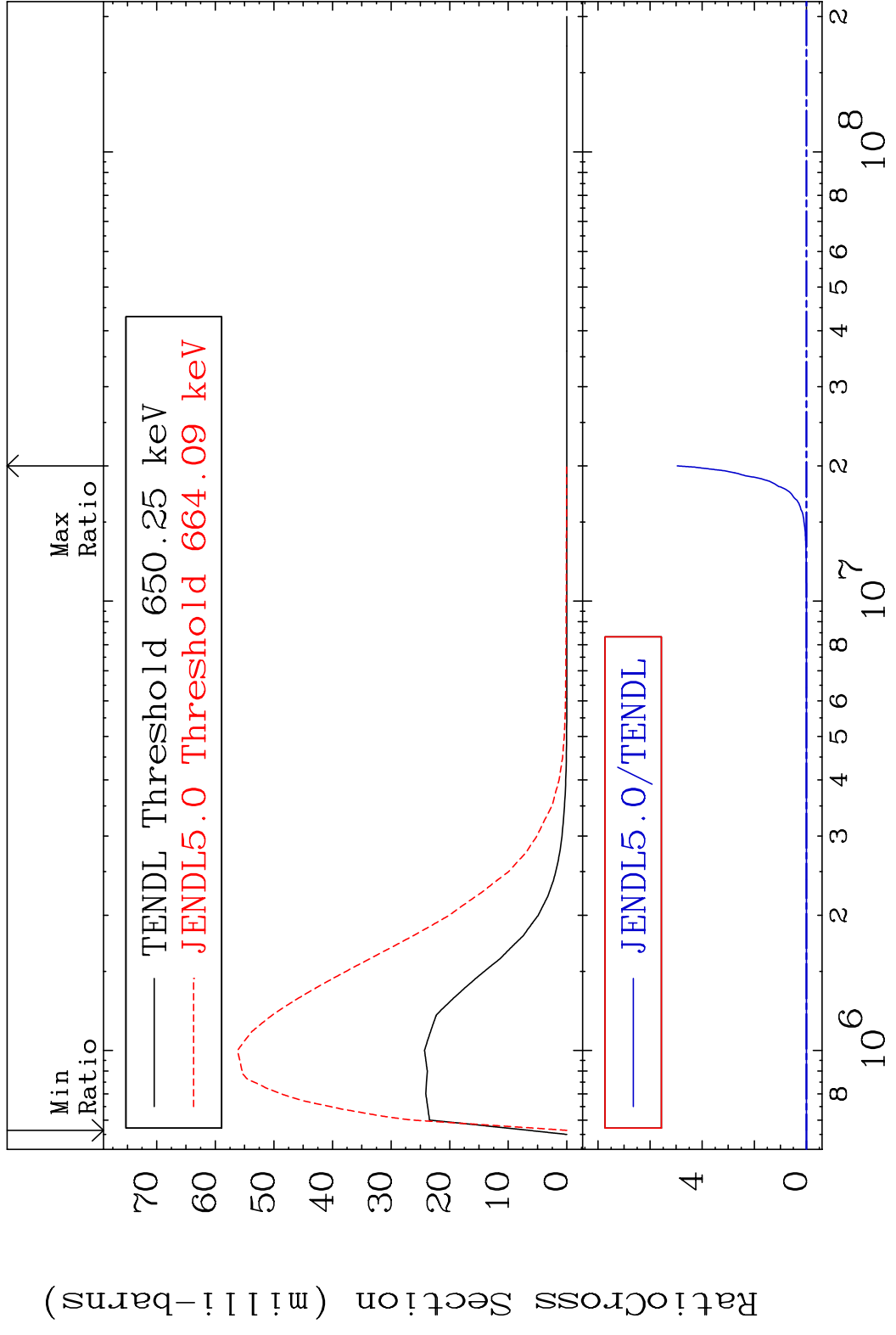
MAT 6646 MT= 71 (n, n') Level 66-Dy-163
 Cross Section -23.32 To 9999. %



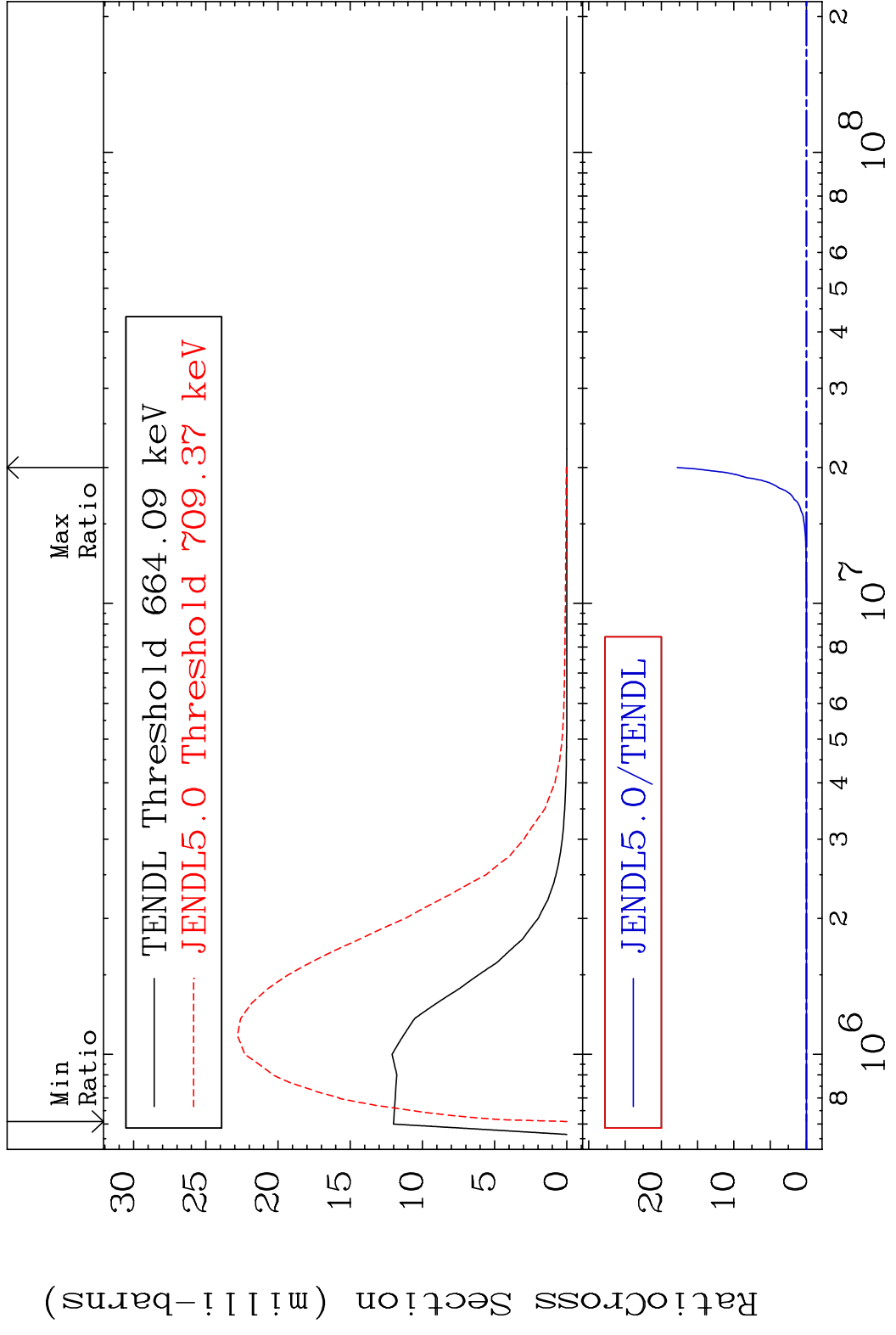
MAT 6646 MT= 72 (n,n') Level 66-Dy-163
 Cross Section -100.0 To 9999. %



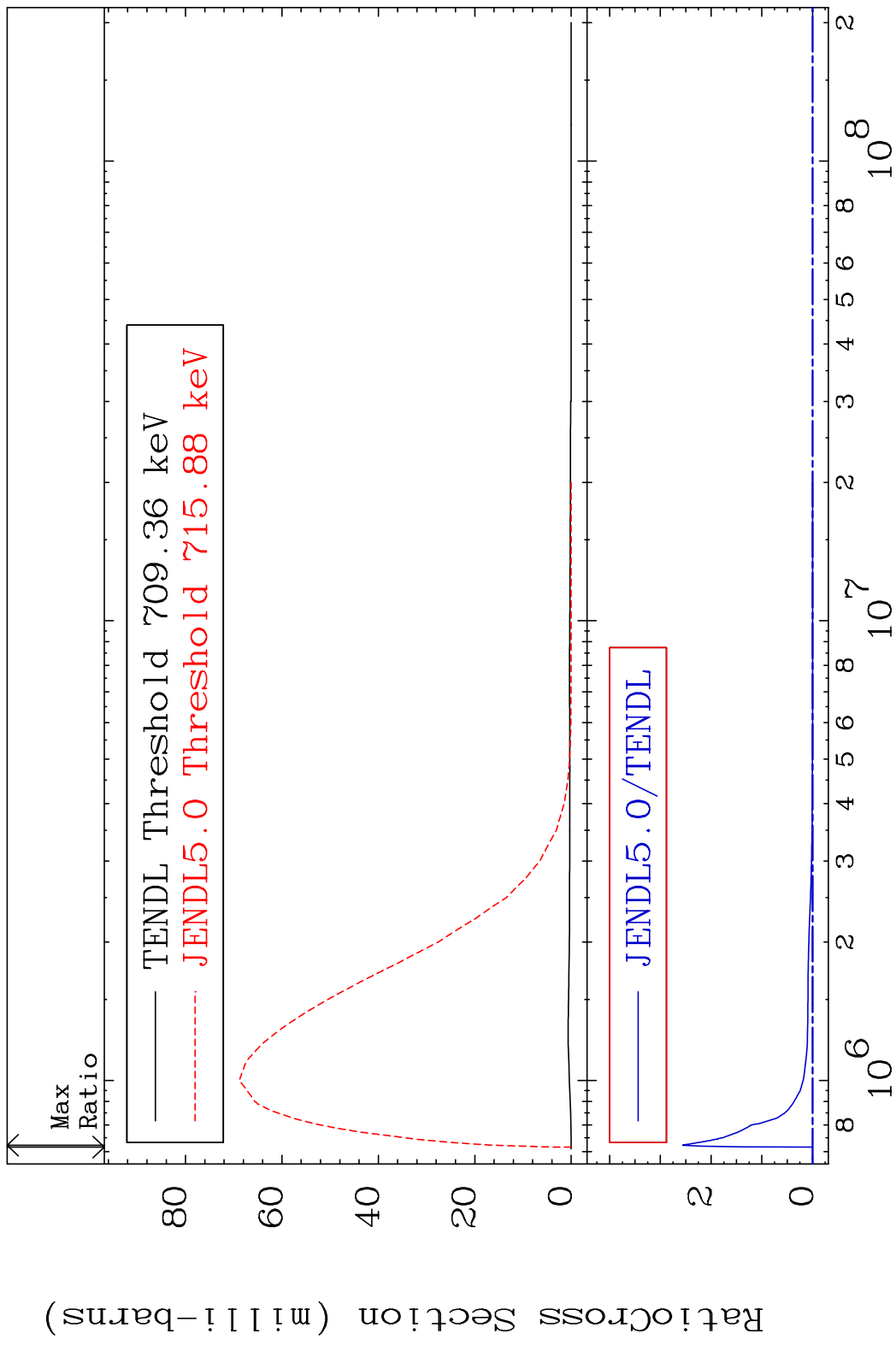
MAT 6646 MT= 73 (n, n') Level 66-Dy-163
 Cross Section -100.0 To 9999. %



MAT 6646 MT= 74 (n, n') Level 66-Dy-163
 Cross Section -100.0 To 9999. %

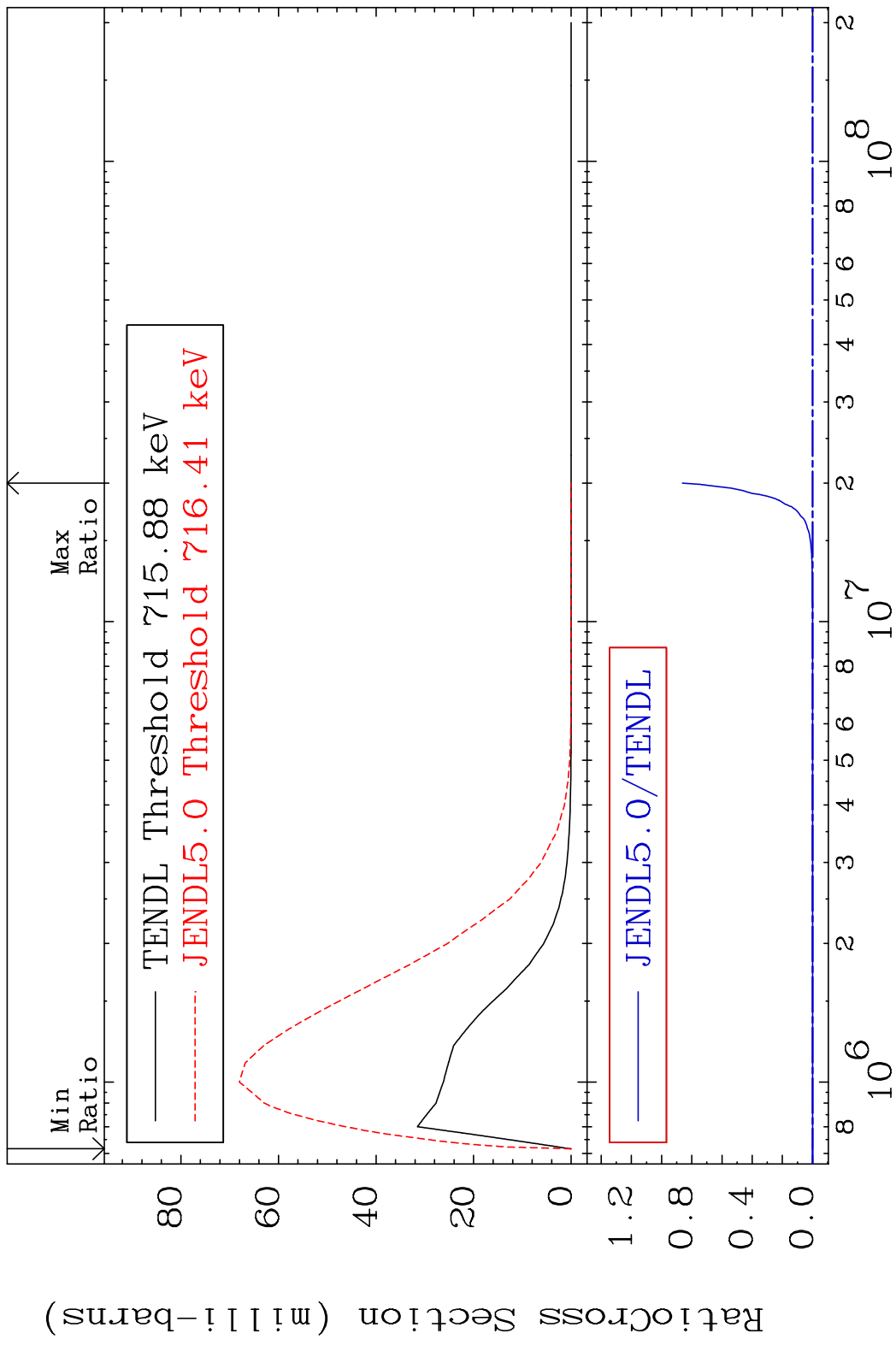


MAT 6646 MT= 75 (n, n') Level 66-Dy-163
 Cross Section -100.0 To 9999. %

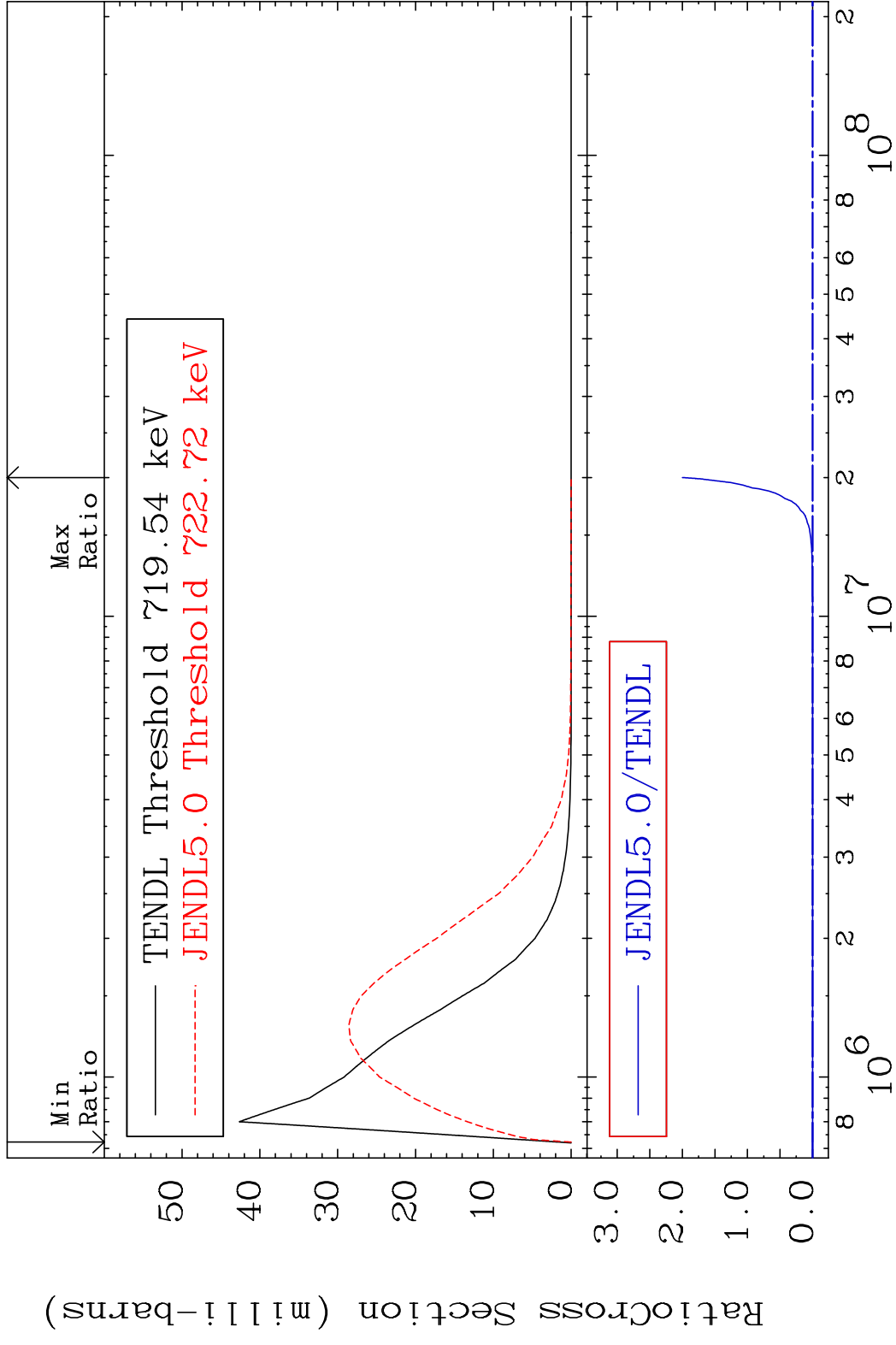


36 Incident Energy (eV) 66-Dy-163

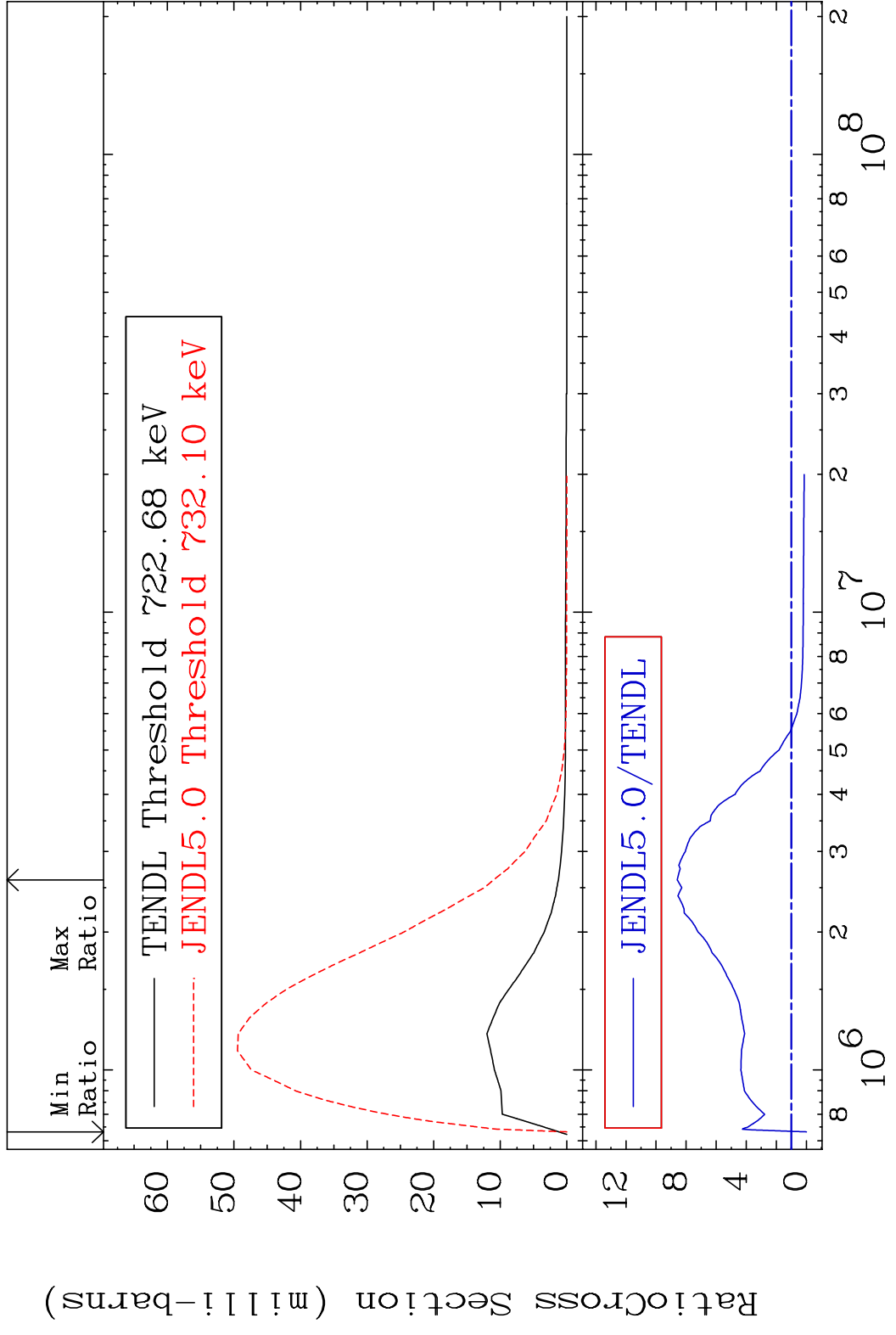
MAT 6646 MT= 76 (n, n') Level 66-Dy-163
 Cross Section -100.0 To 9999. %



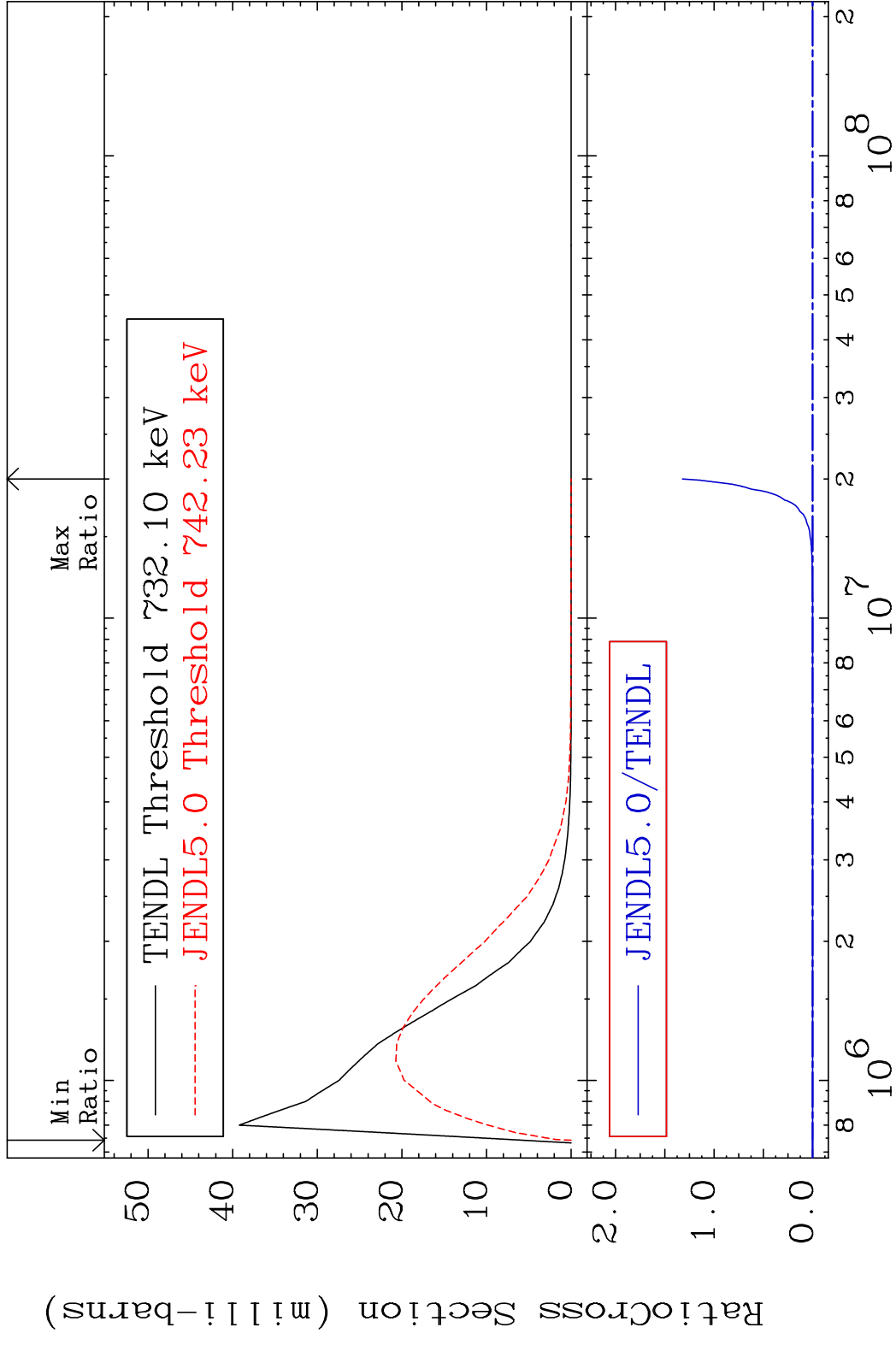
MAT 6646 MT= 77 (n, n') Level 66-Dy-163
 Cross Section -100.0 To 9999. %



MAT 6646 MT= 78 (n, n') Level 66-Dy-163
 Cross Section -100.0 To 759.3 %



MAT 6646 MT= 79 (n, n') Level 66-Dy-163
 Cross Section -100.0 To 9999. %

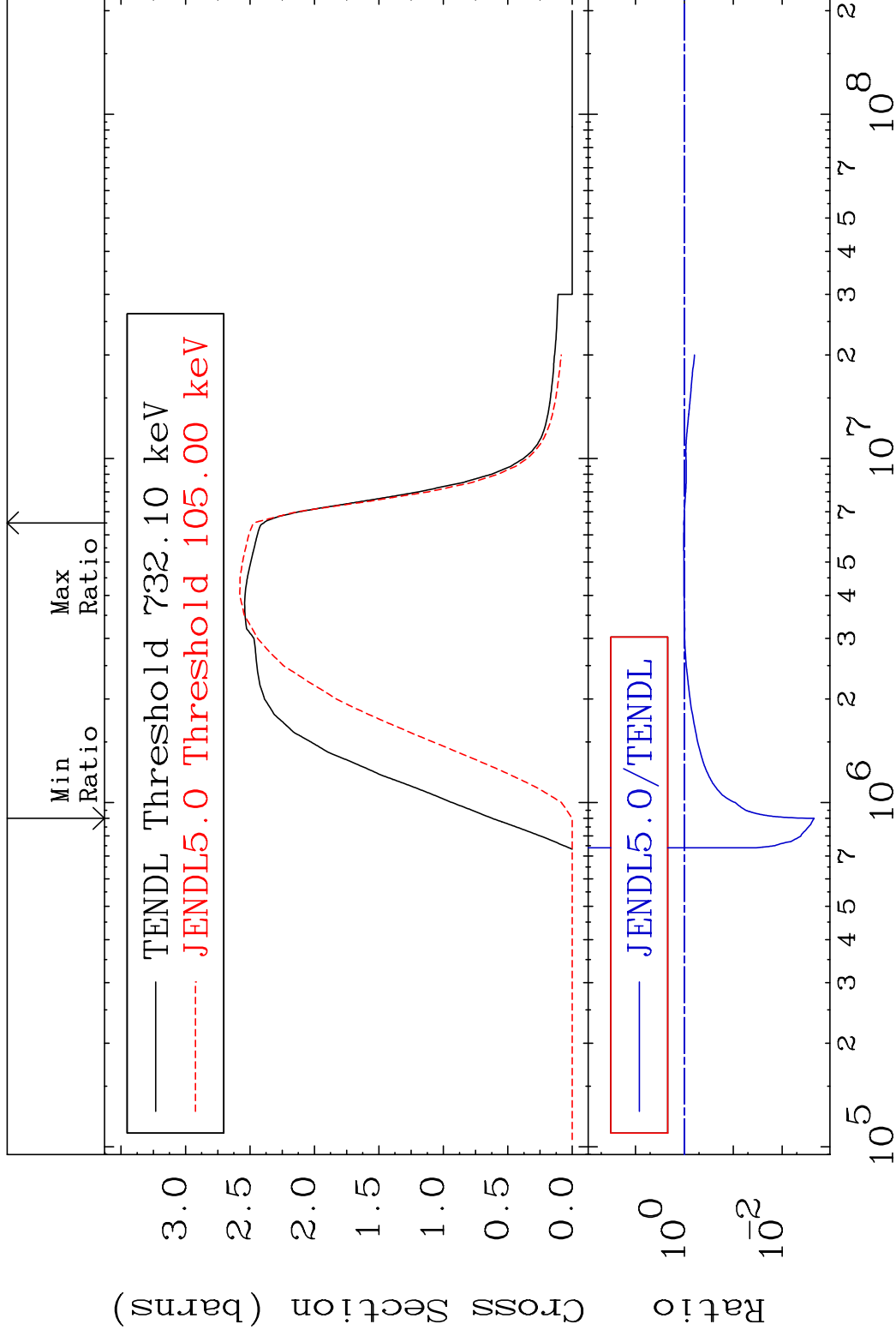


40 Incident Energy (eV) 66-Dy-163

MAT 6646

(n, n') Continuum
Cross Section -99.78 To 3.367 %

66-Dy-163



41

Incident Energy (eV)

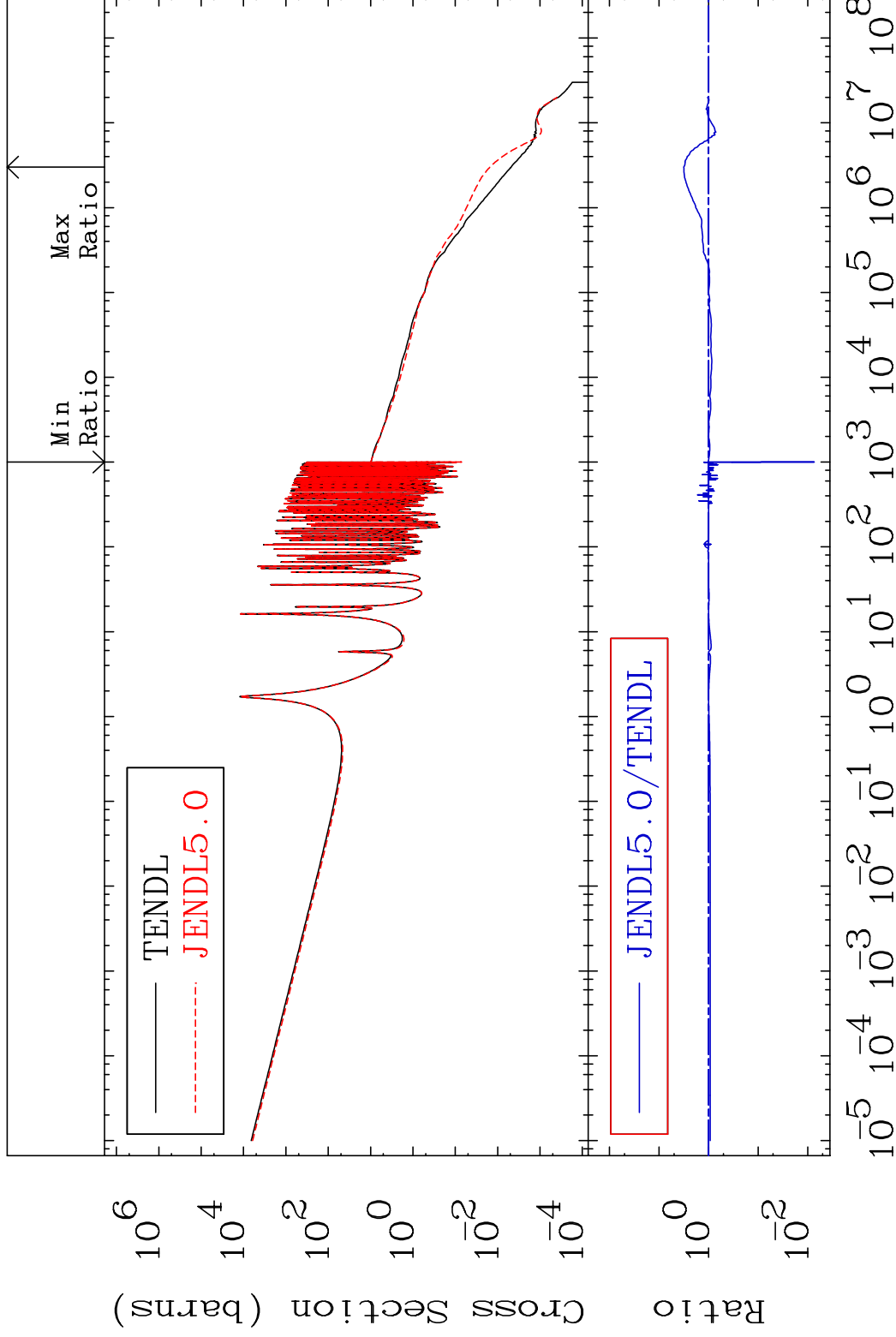
66-Dy-163

MAT 6646

(n, γ)

66-Dy-163

Cross Section -99.26 To 218.9 %



42

Incident Energy (eV)

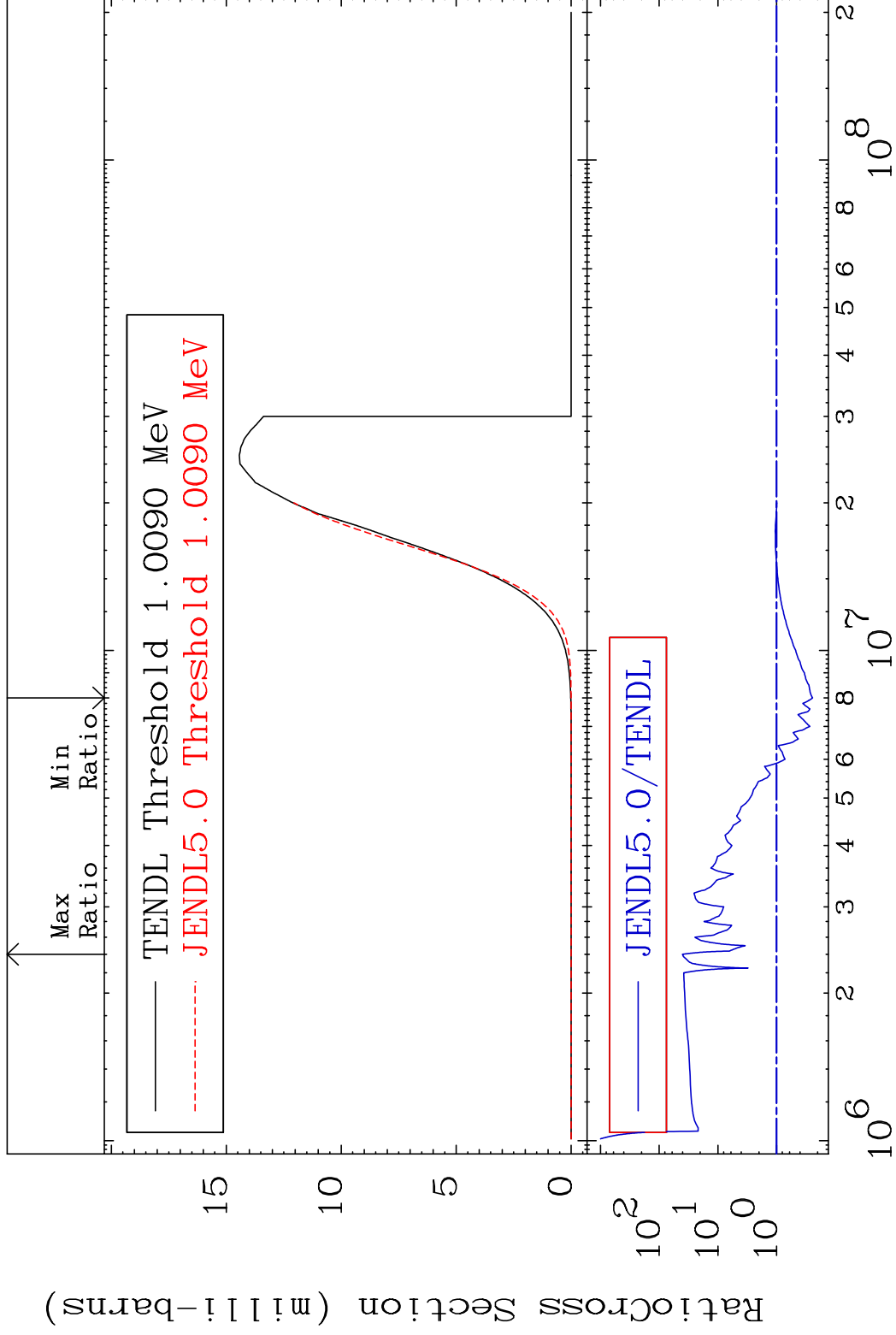
66-Dy-163

MAT 6646

(n,p)

66-Dy-163

Cross Section -75.55 To 3934. %



43

Incident Energy (eV)

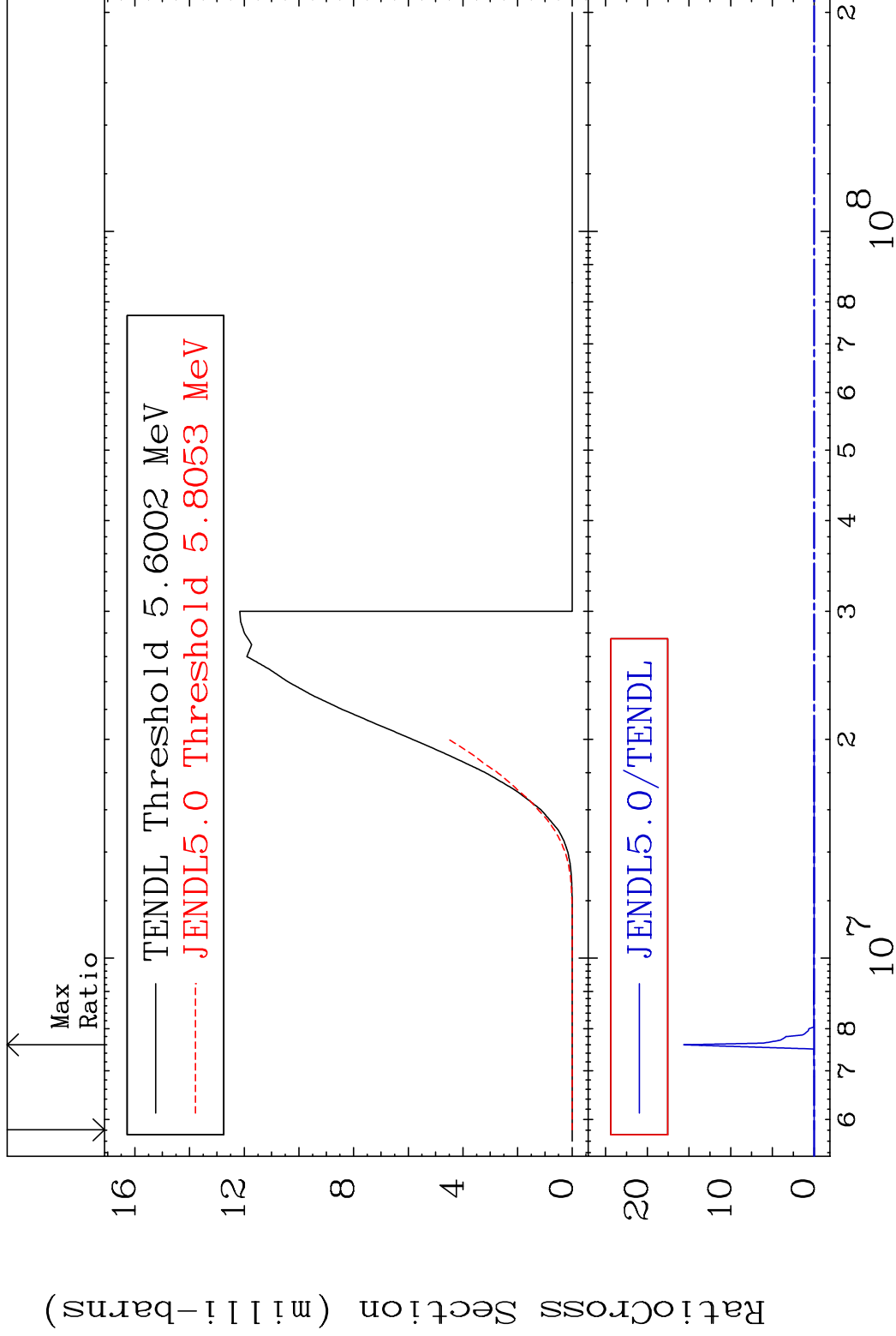
66-Dy-163

MAT 6646

(n,d)

66-Dy-163

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

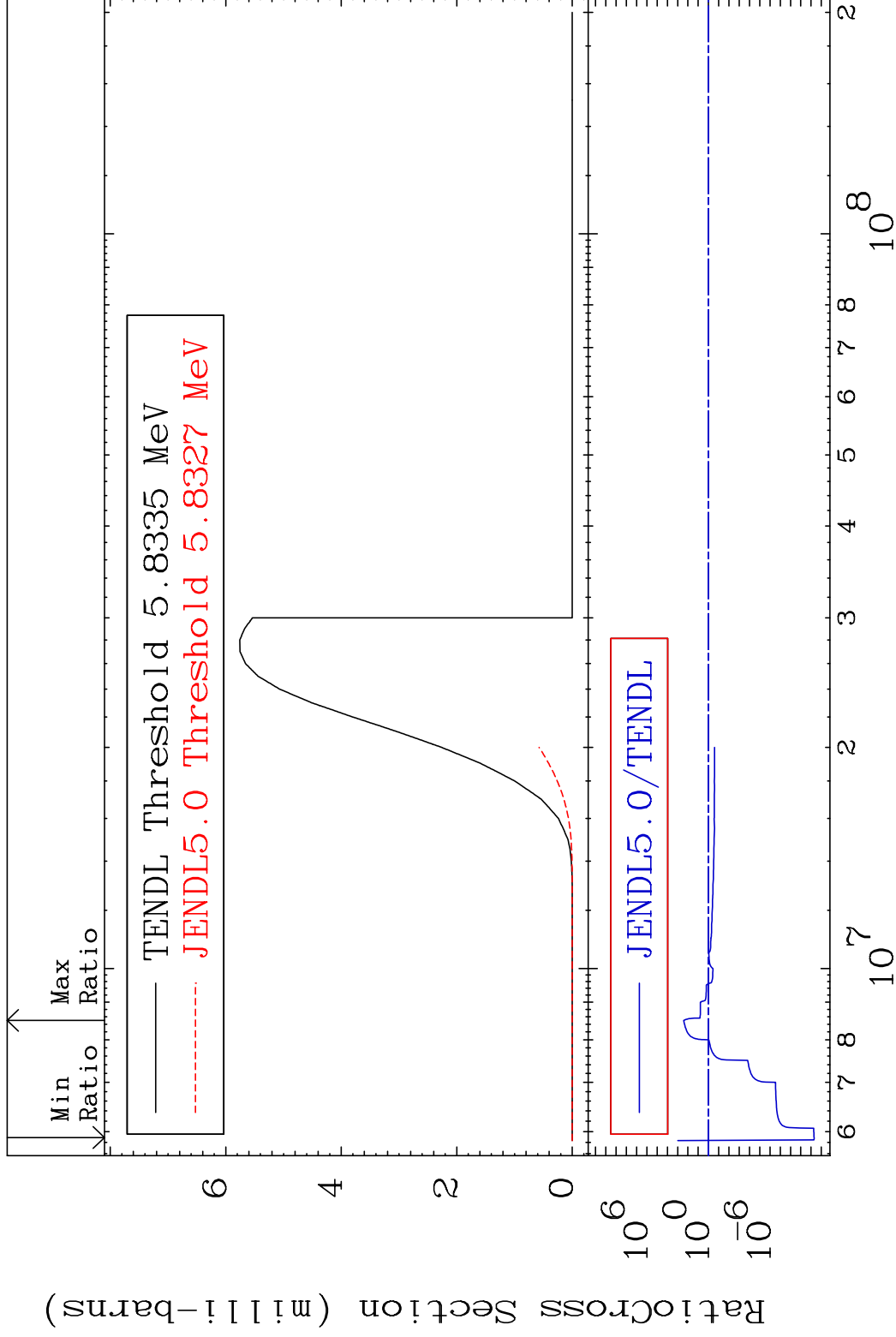
66-Dy-163

MAT 6646

(n, t)

66-Dy-163

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

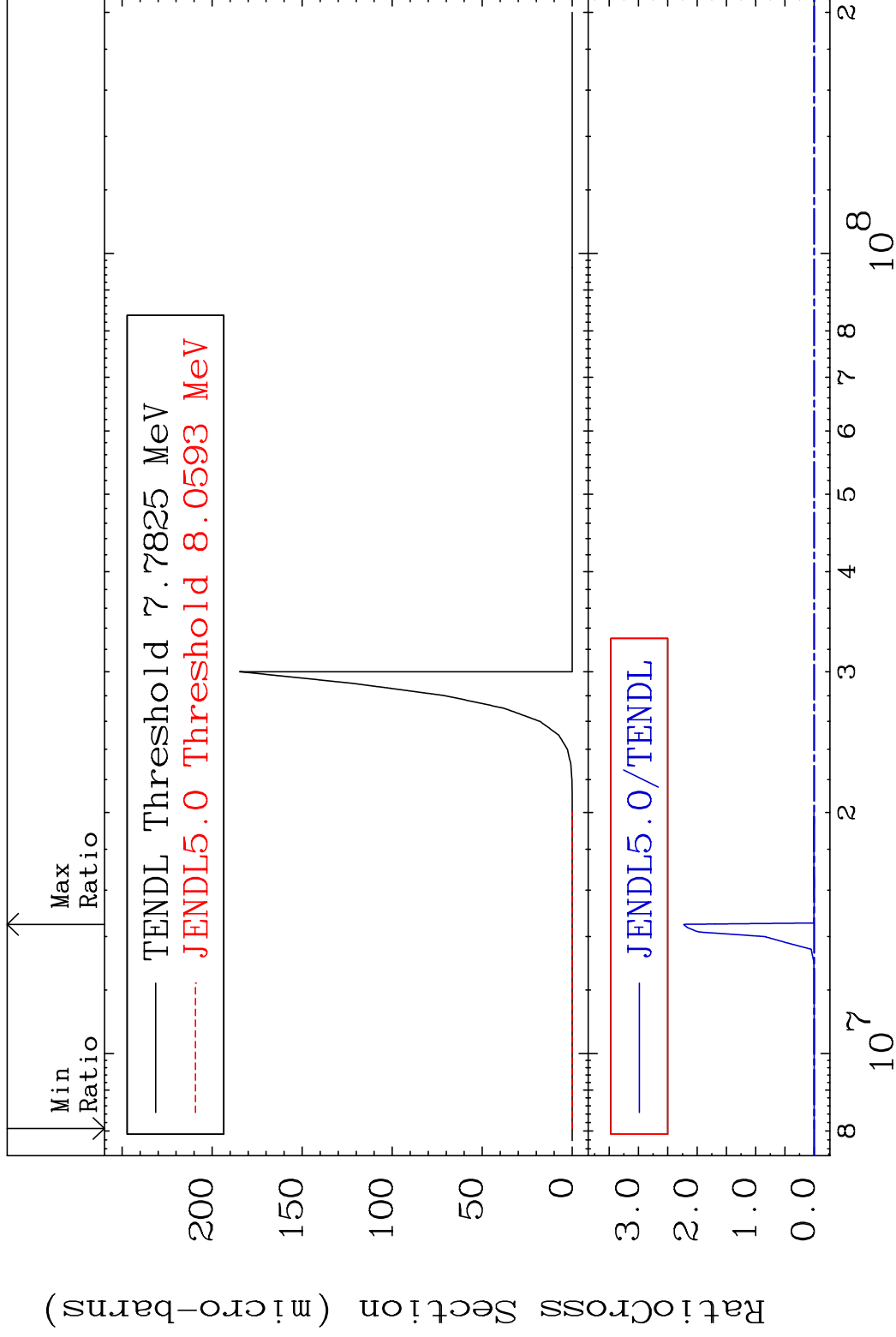
66-Dy-163

MAT 6646

(n, He-3)

66-Dy-163

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

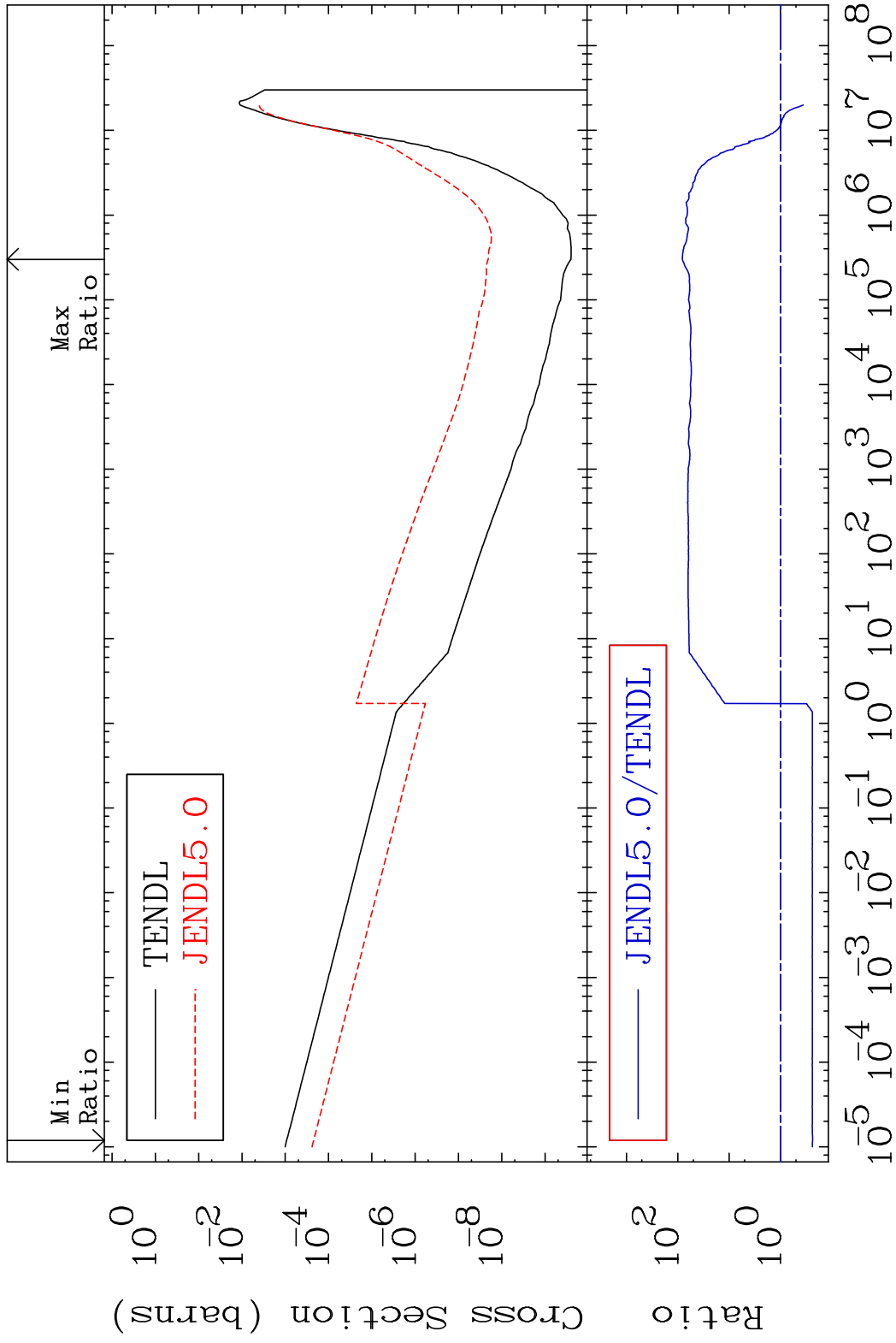
66-Dy-163

MAT 6646

(n, α)

66-Dy-163

Cross Section -76.28 To 8050. %



47

Incident Energy (eV)

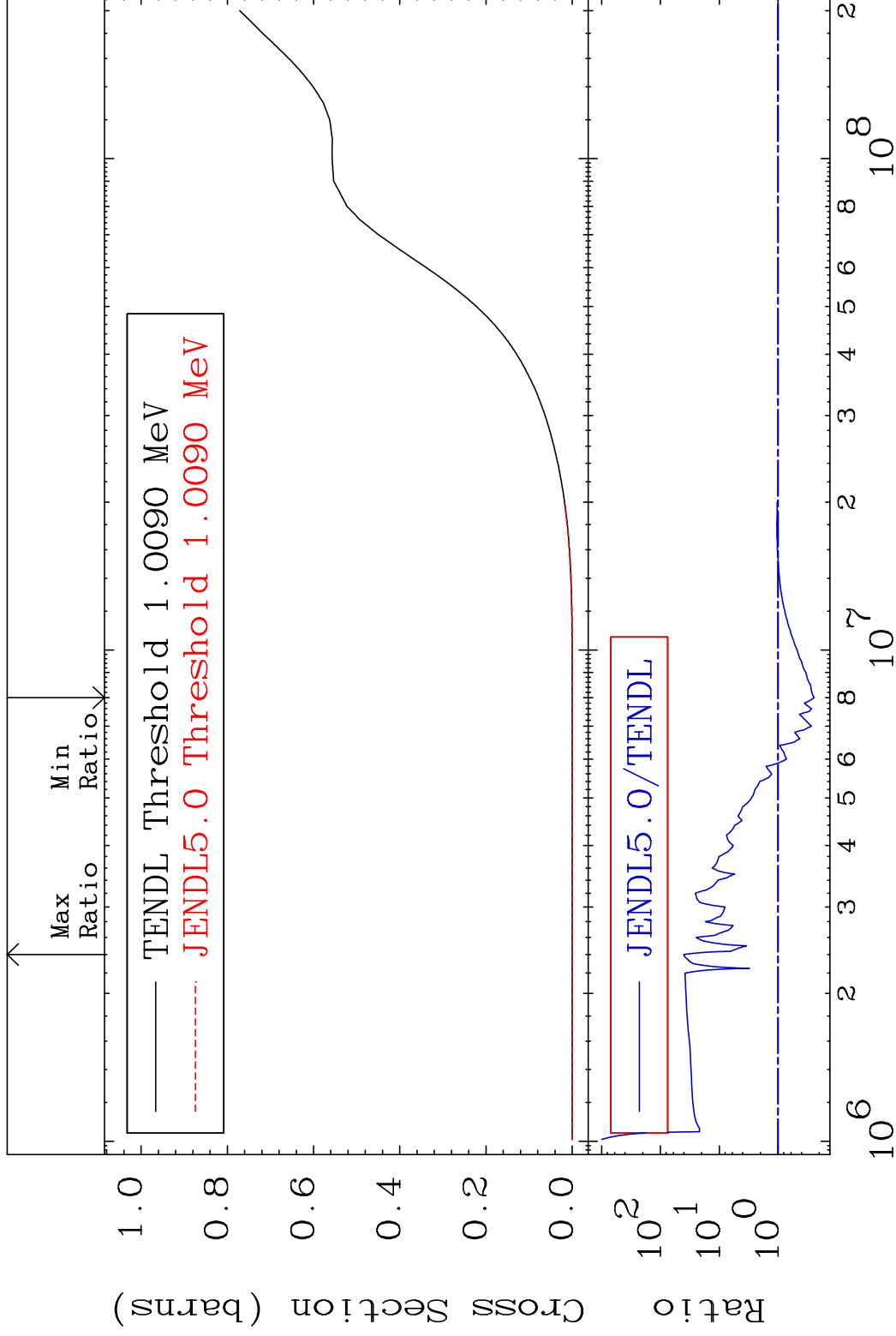
66-Dy-163

MAT 6646

Hydrogen Production

66-Dy-163

Cross Section -75.55 To 3933. %



48

Incident Energy (eV)

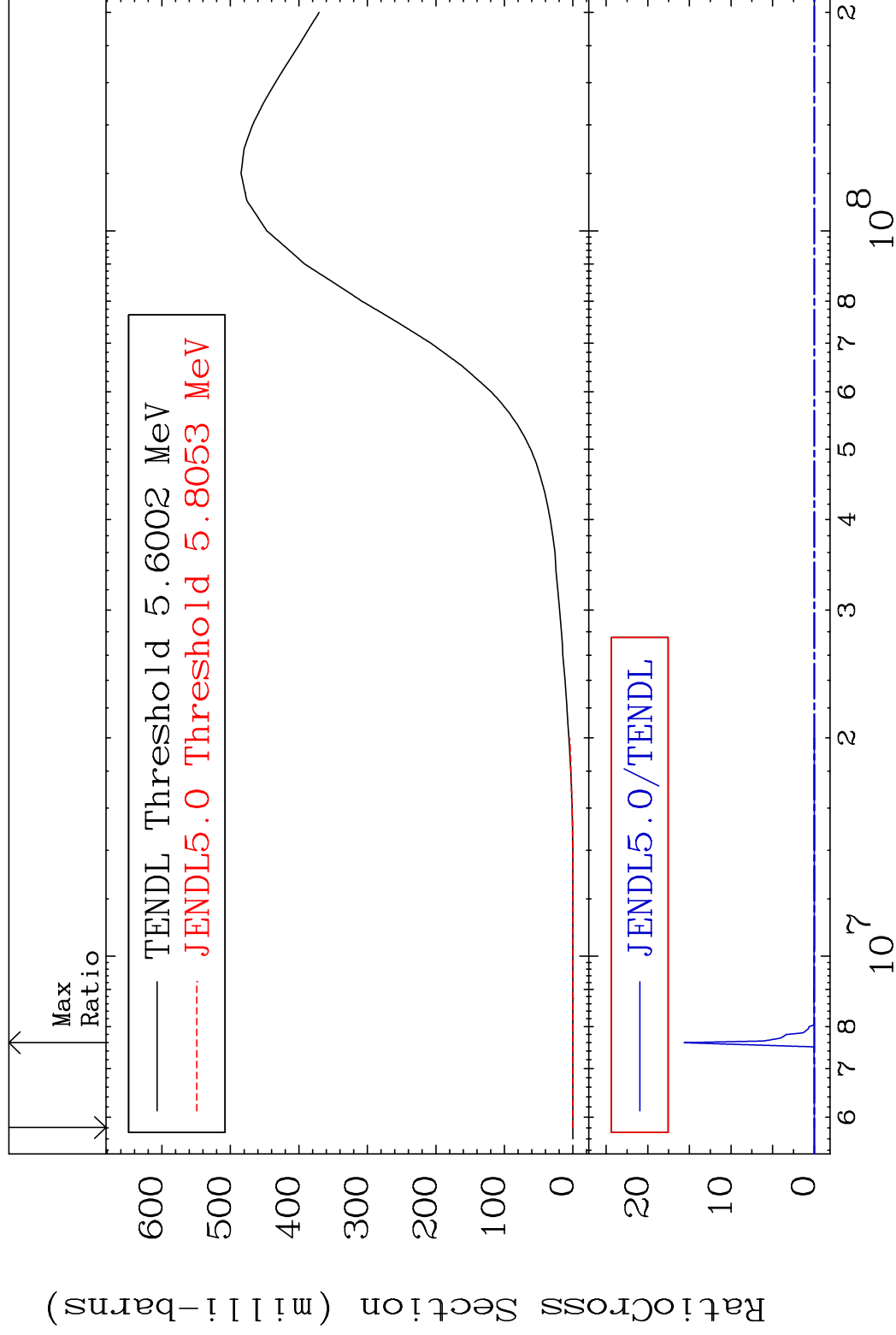
66-Dy-163

MAT 6646

Deuterium Production

66-Dy-163

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

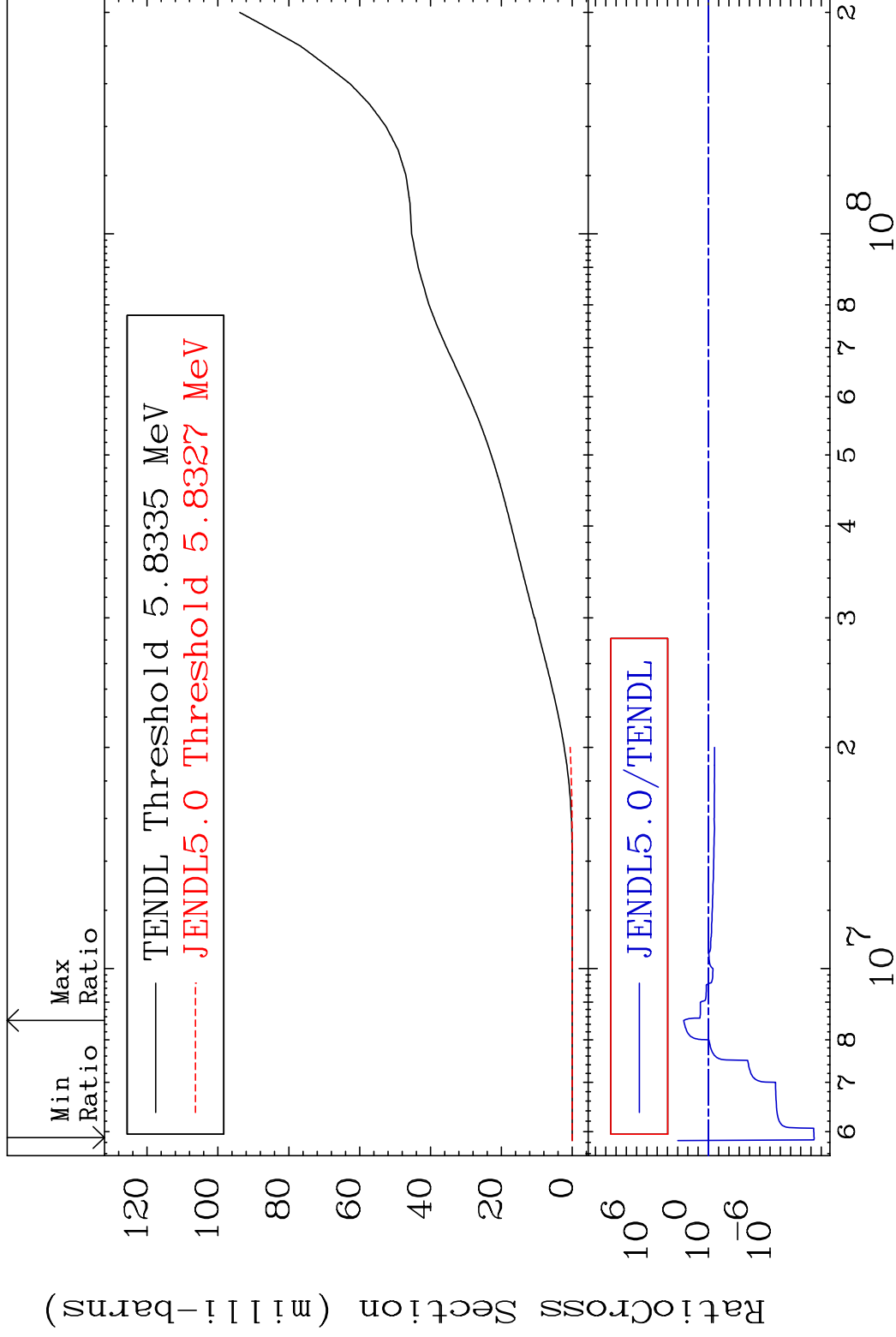
66-Dy-163

MAT 6646

Tritium Production

66-Dy-163

Cross Section -100.0 To 9999. %



50

Incident Energy (eV)

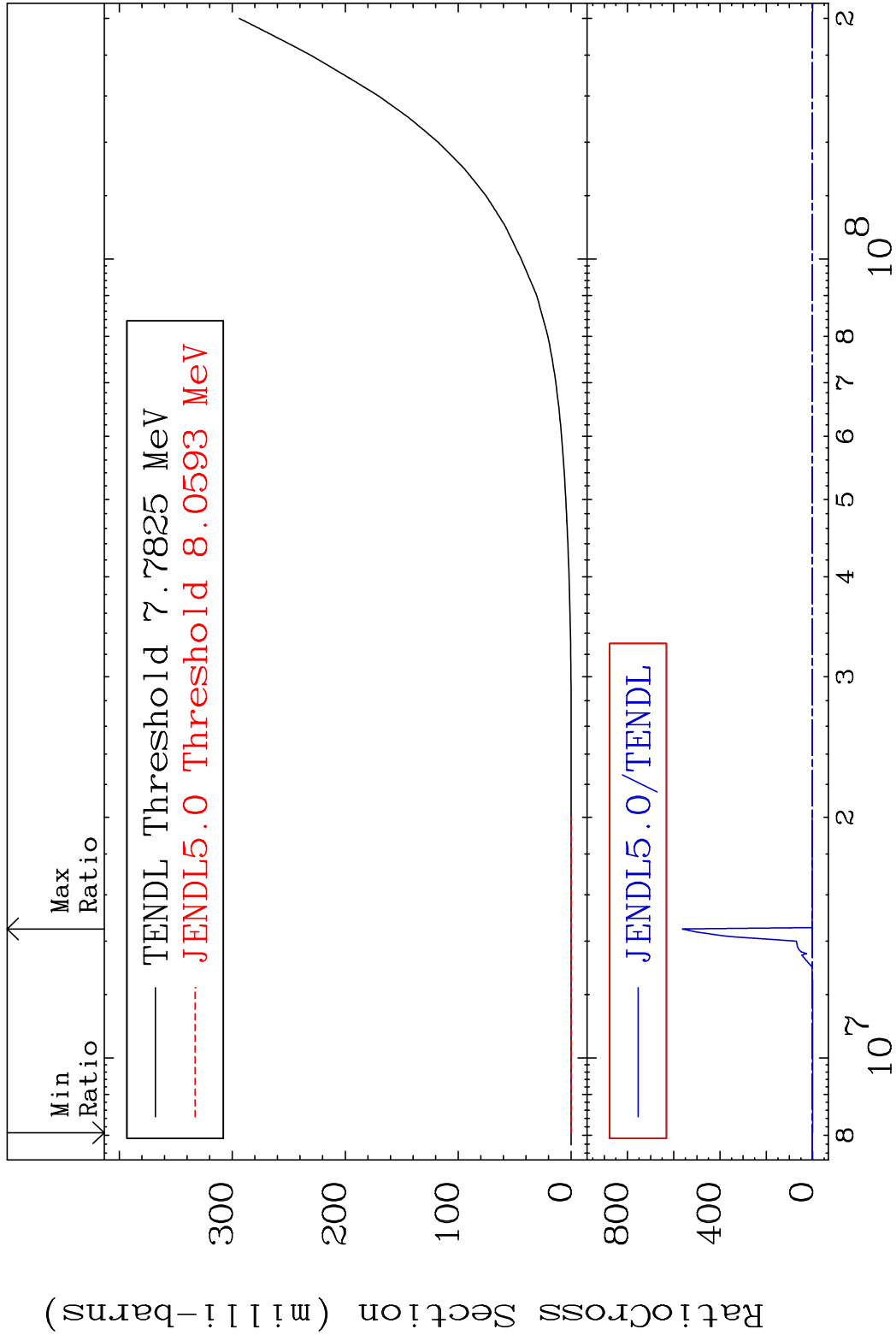
66-Dy-163

MAT 6646

He-3 Production

66-Dy-163

Cross Section -100.0 To 9999. %



51

Incident Energy (eV)

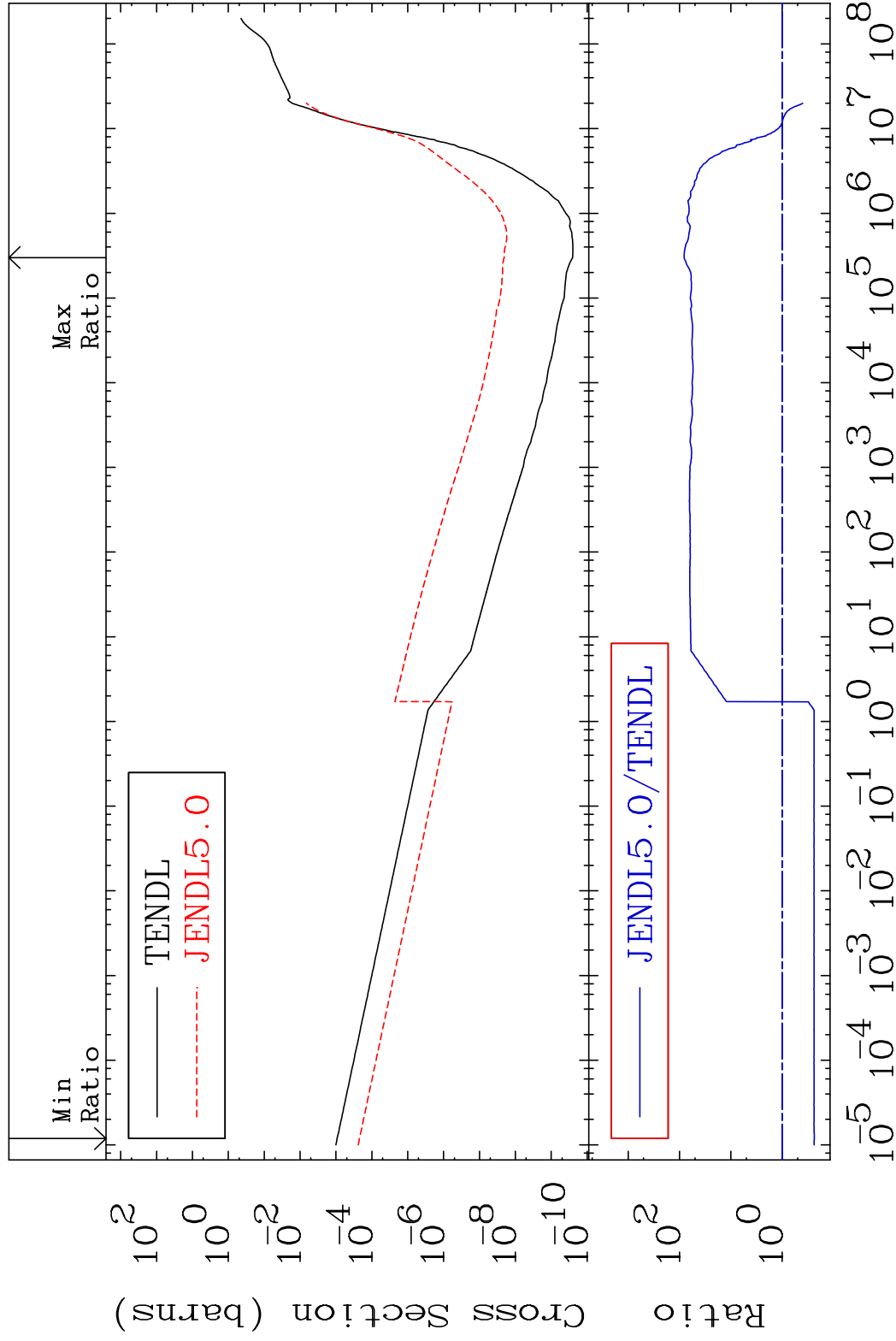
66-Dy-163

MAT 6646

He-4 Production

66-Dy-163

Cross Section -76.28 To 8050. %

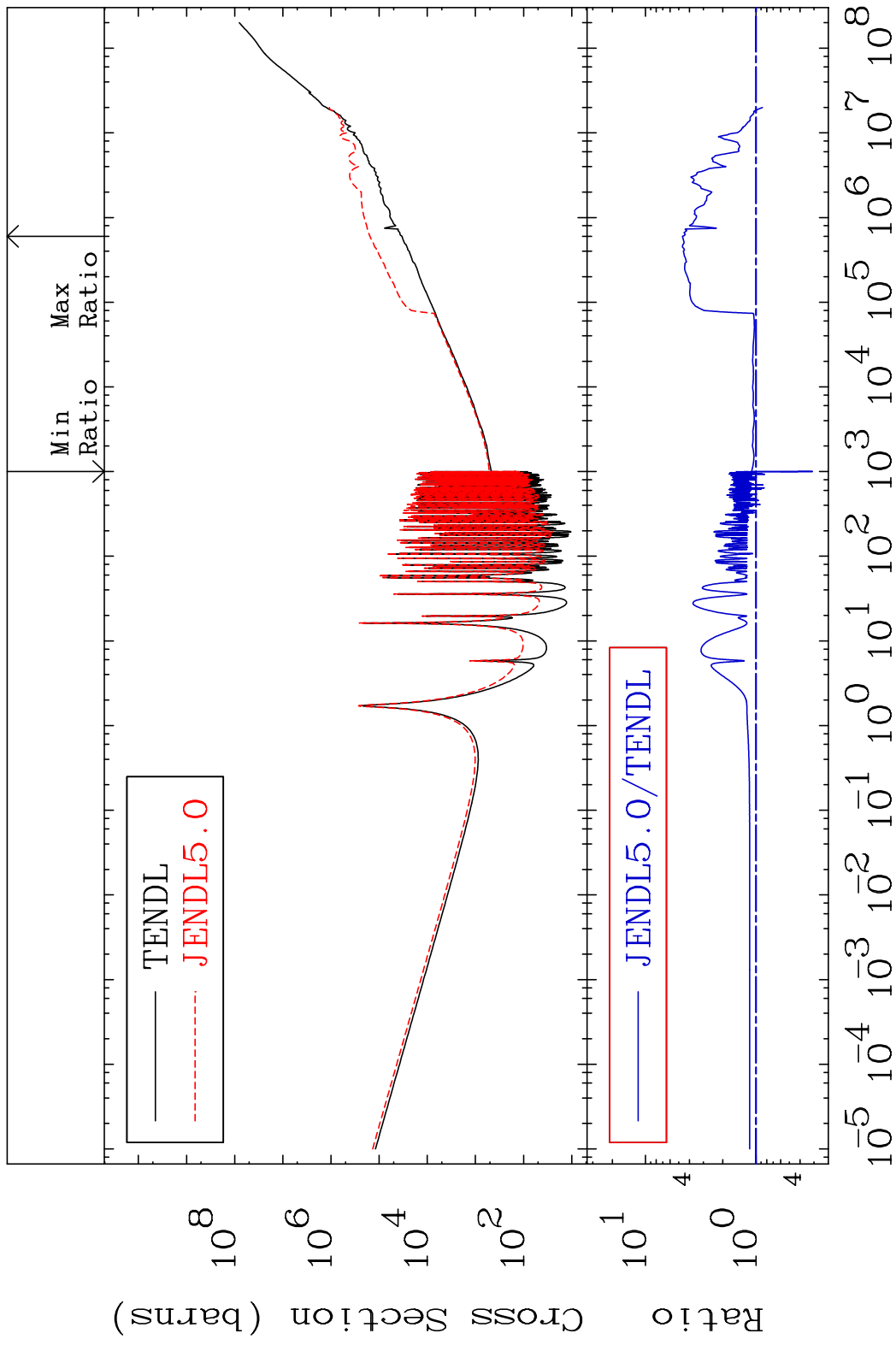


52

Incident Energy (eV)

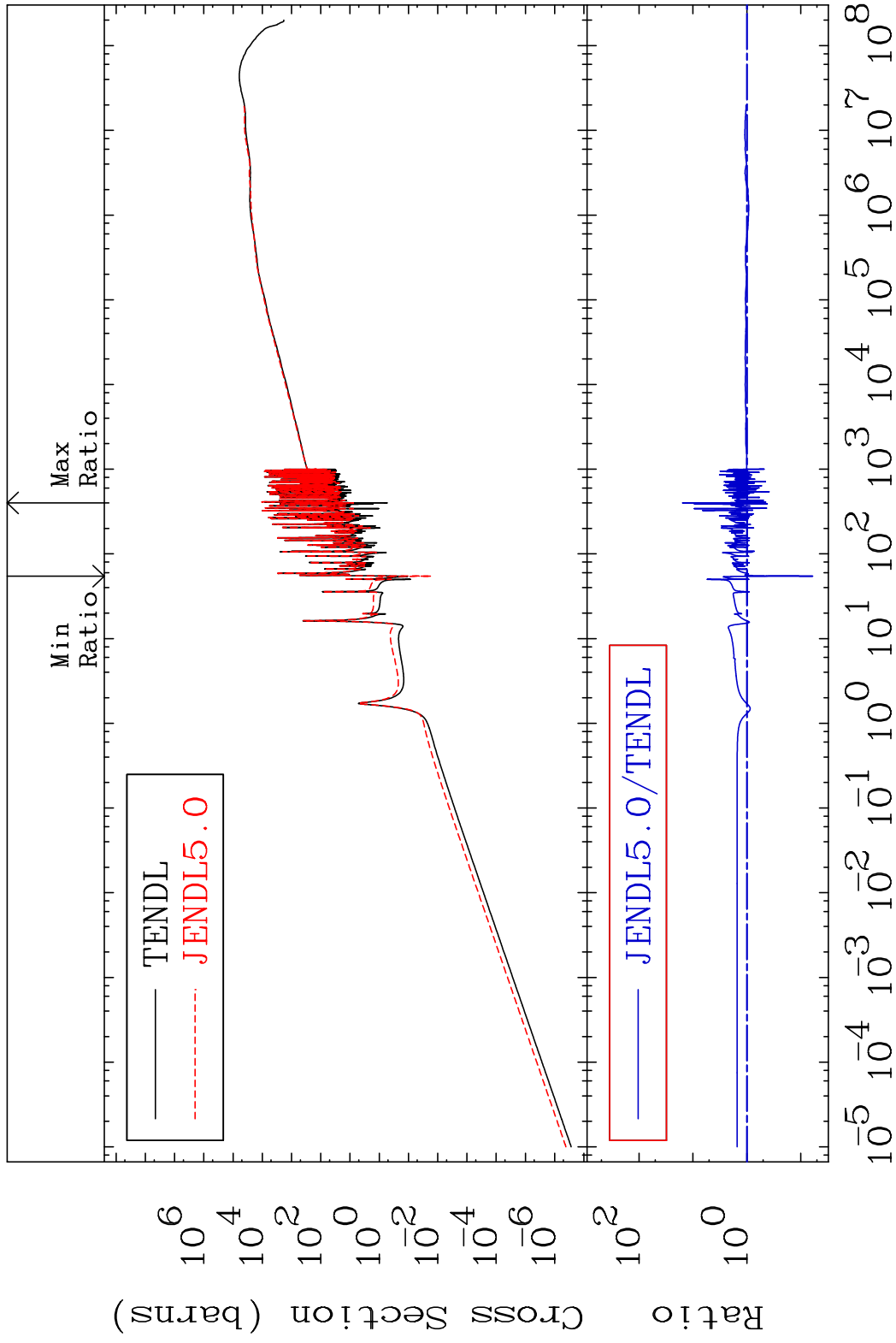
66-Dy-163

MAT 6646 Kerma total (eV-barns) 66-Dy-163
 Cross Section -69.13 To 364.7 %



MAT 6646

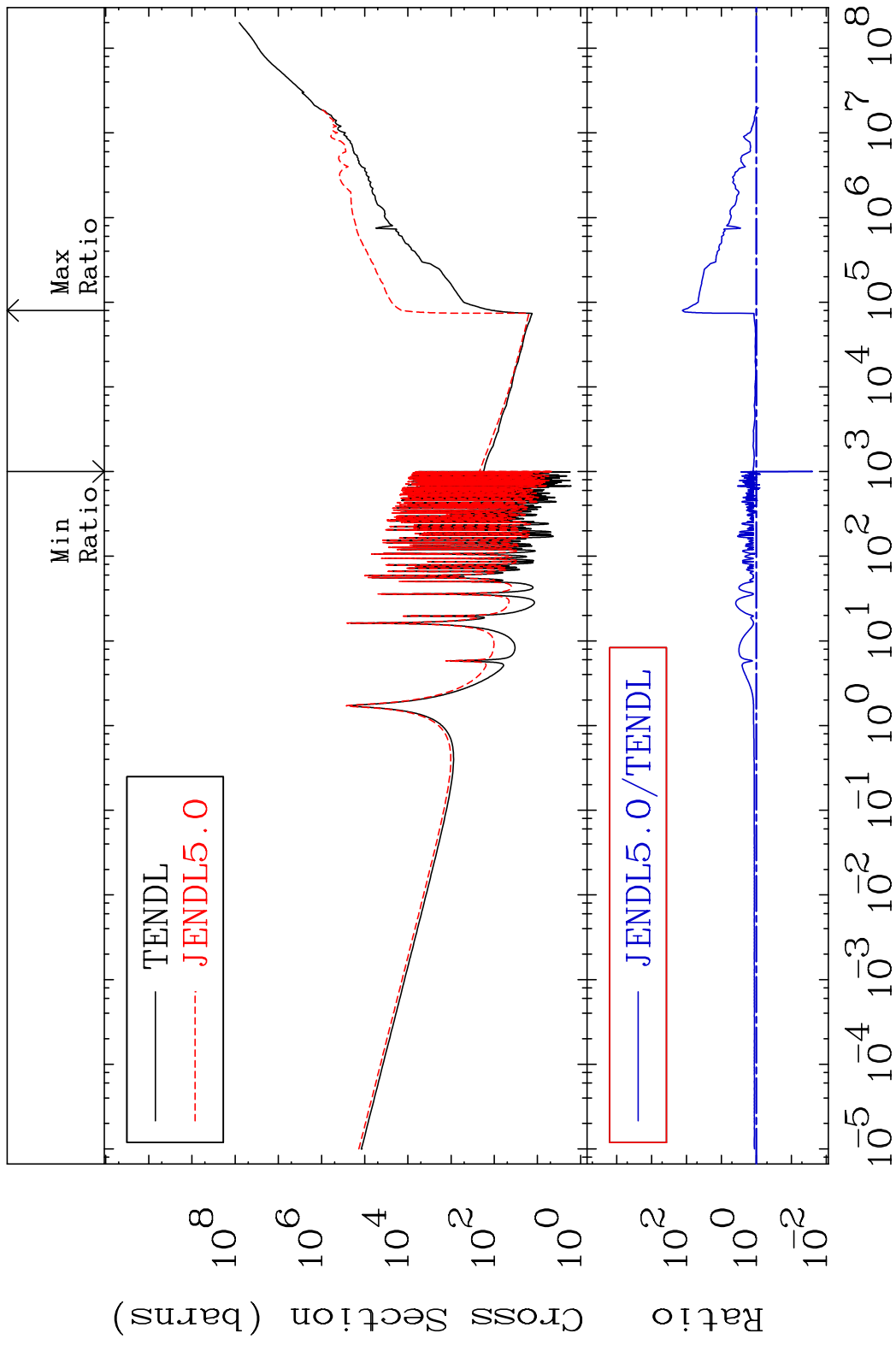
Kerma elastic Cross Section -93.98 To 1473. %
66-Dy-163



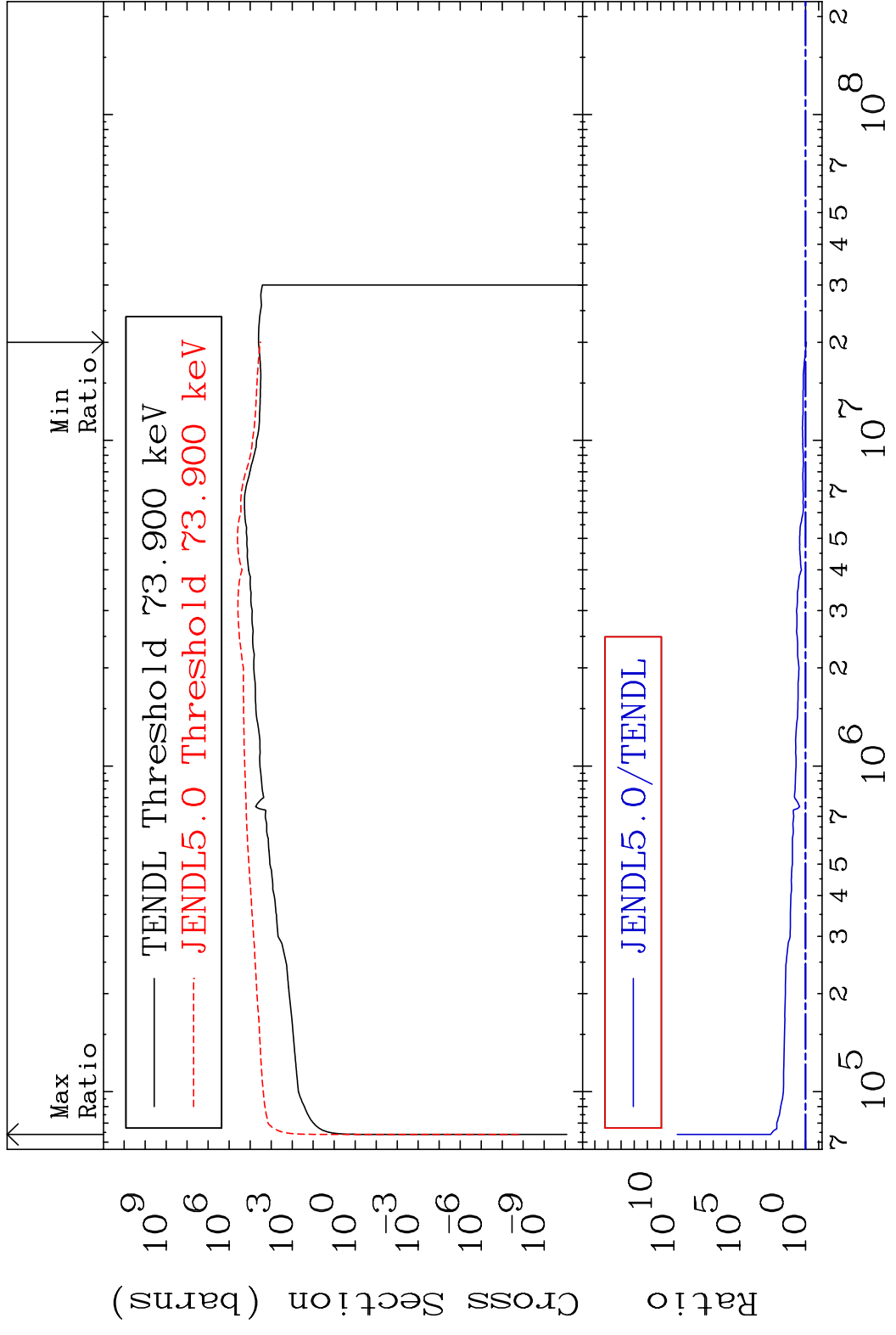
54

66-Dy-163

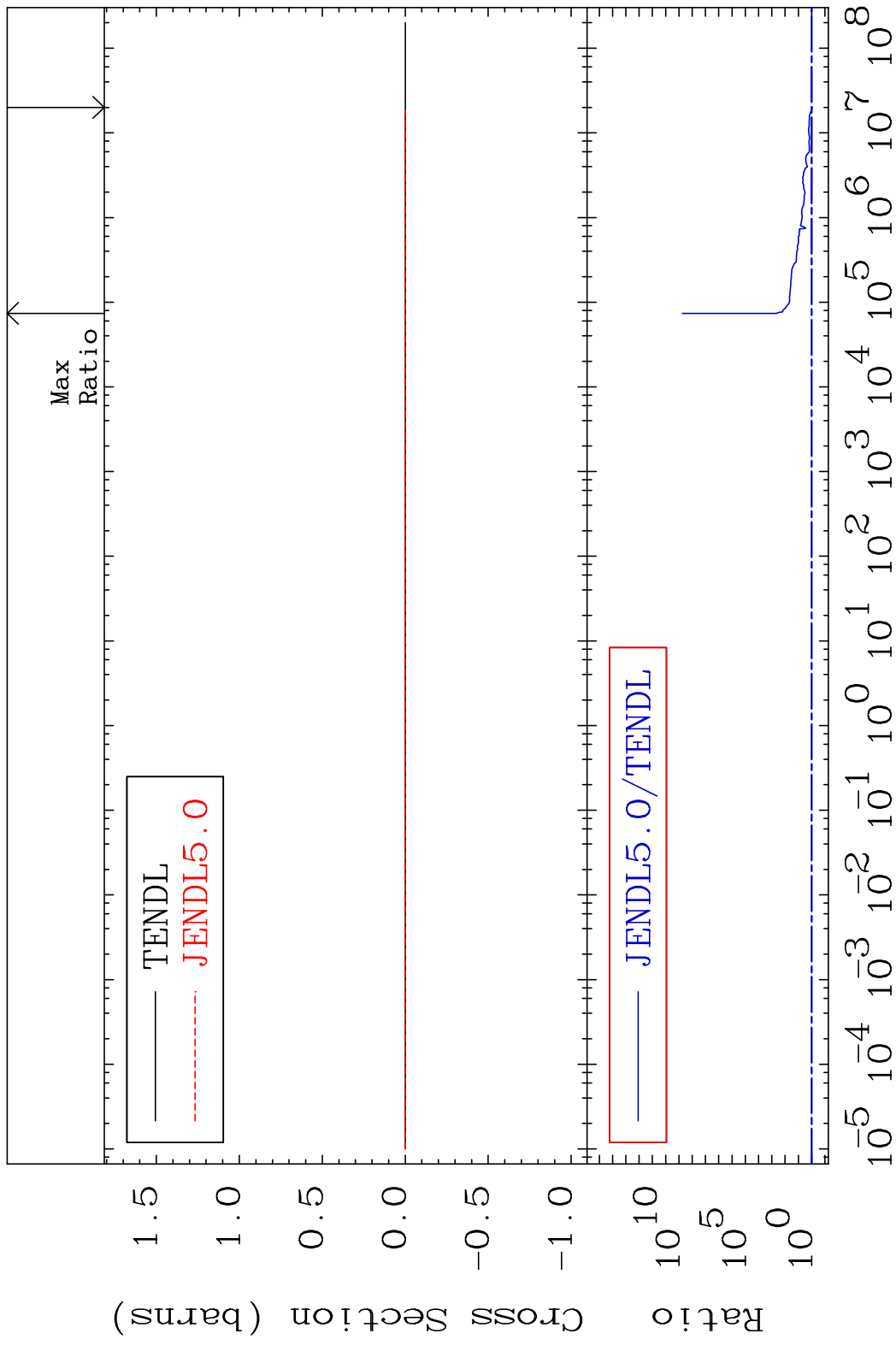
MAT 6646 Kerma non-elastic (all but mt2) 66-Dy-163
 Cross Section -97.53 To 9999. %



MAT 6646 Kerma inelastic (mt51-91) 66-Dy-163
 Cross Section -14.22 To 9999. %

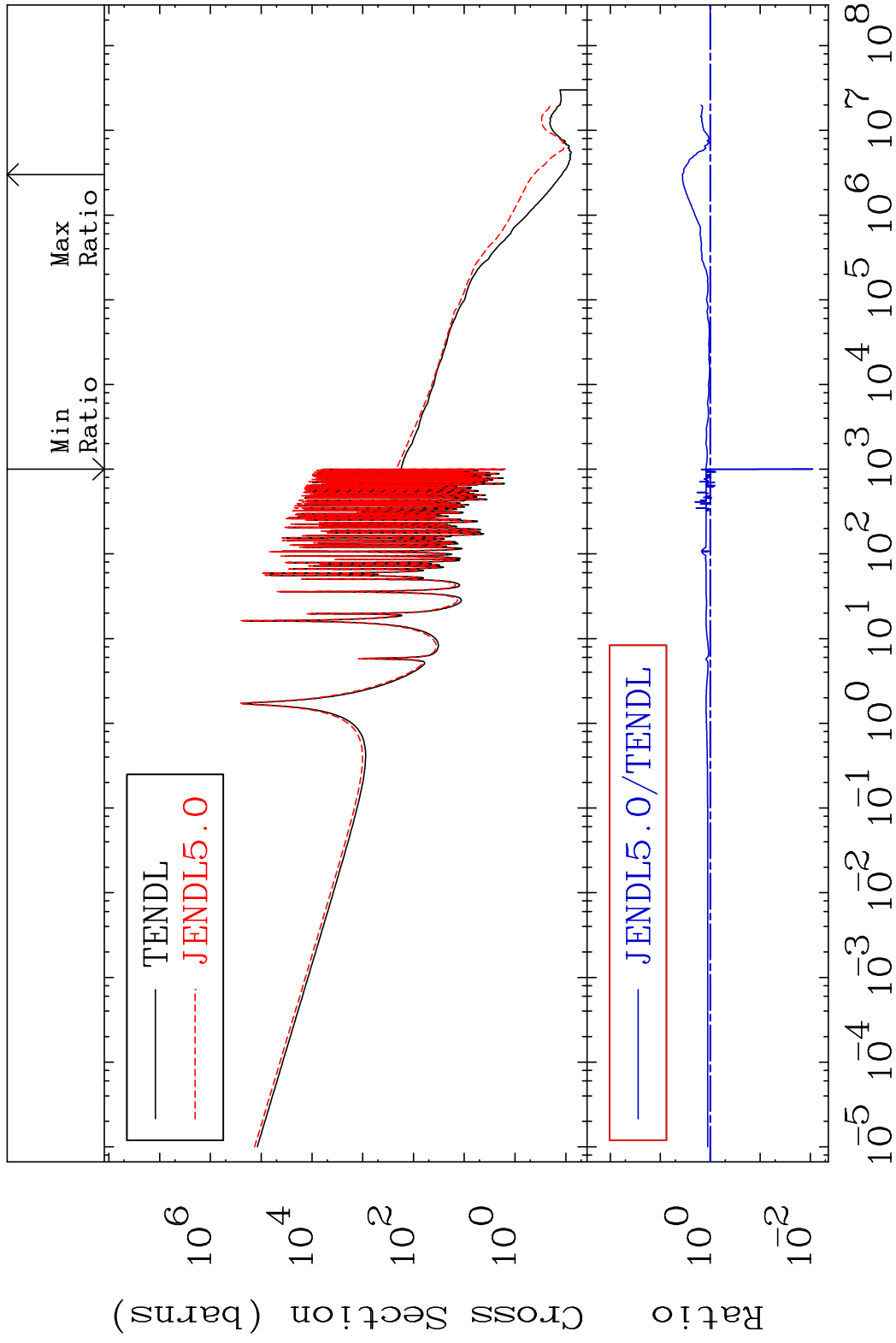


MAT 6646 Kerma fission (mt18 or mt19-20-21-38) 66-Dy-163
 Cross Section -14.22 To 9999. %



MAT 6646

Kerma capture (mt102) 66-Dy-163
Cross Section -99.10 To 262.0 %



58

Incident Energy (eV)

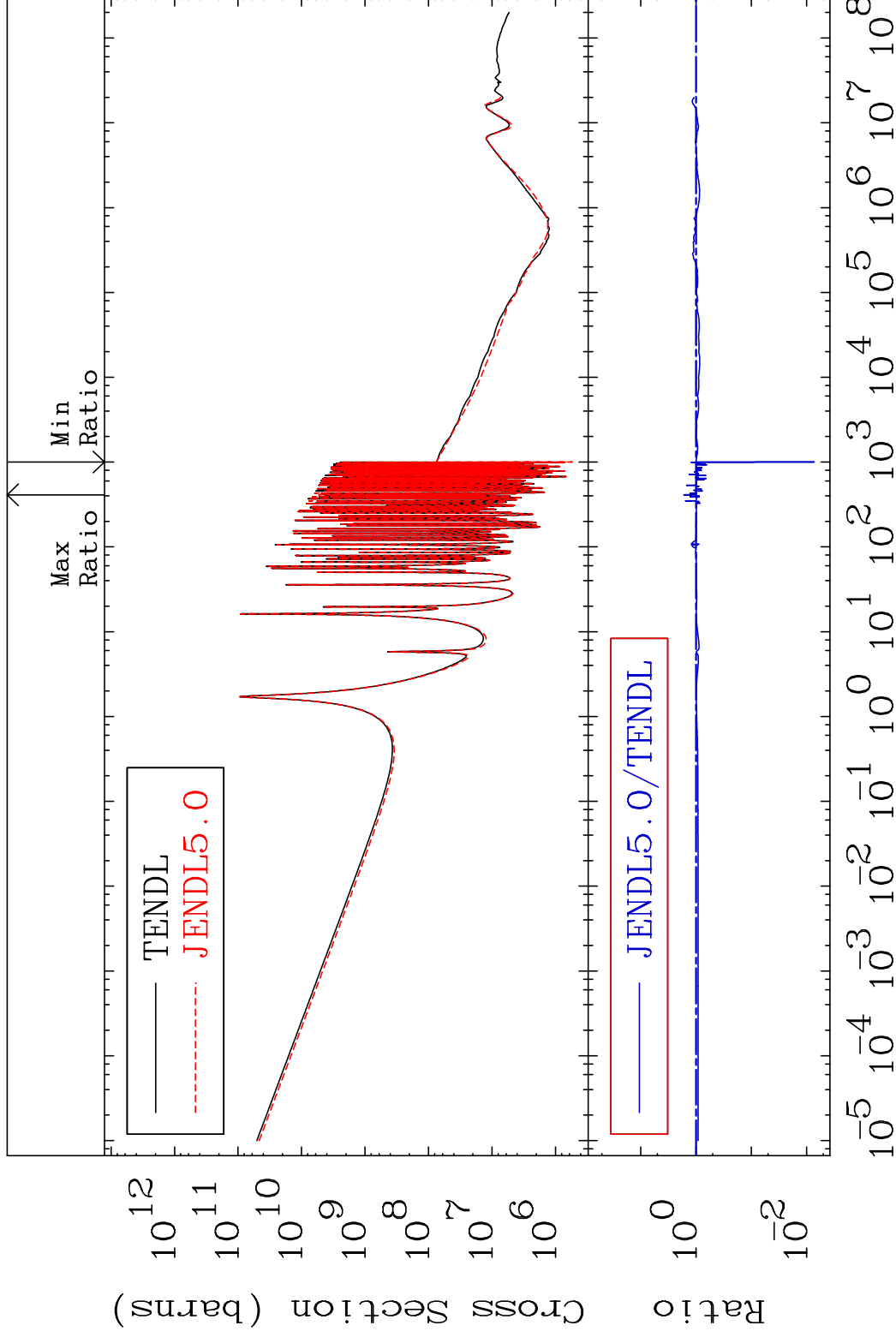
66-Dy-163

MAT 6646

Total photon (eV-barns)

66-Dy-163

Cross Section -99.27 To 67.13 %

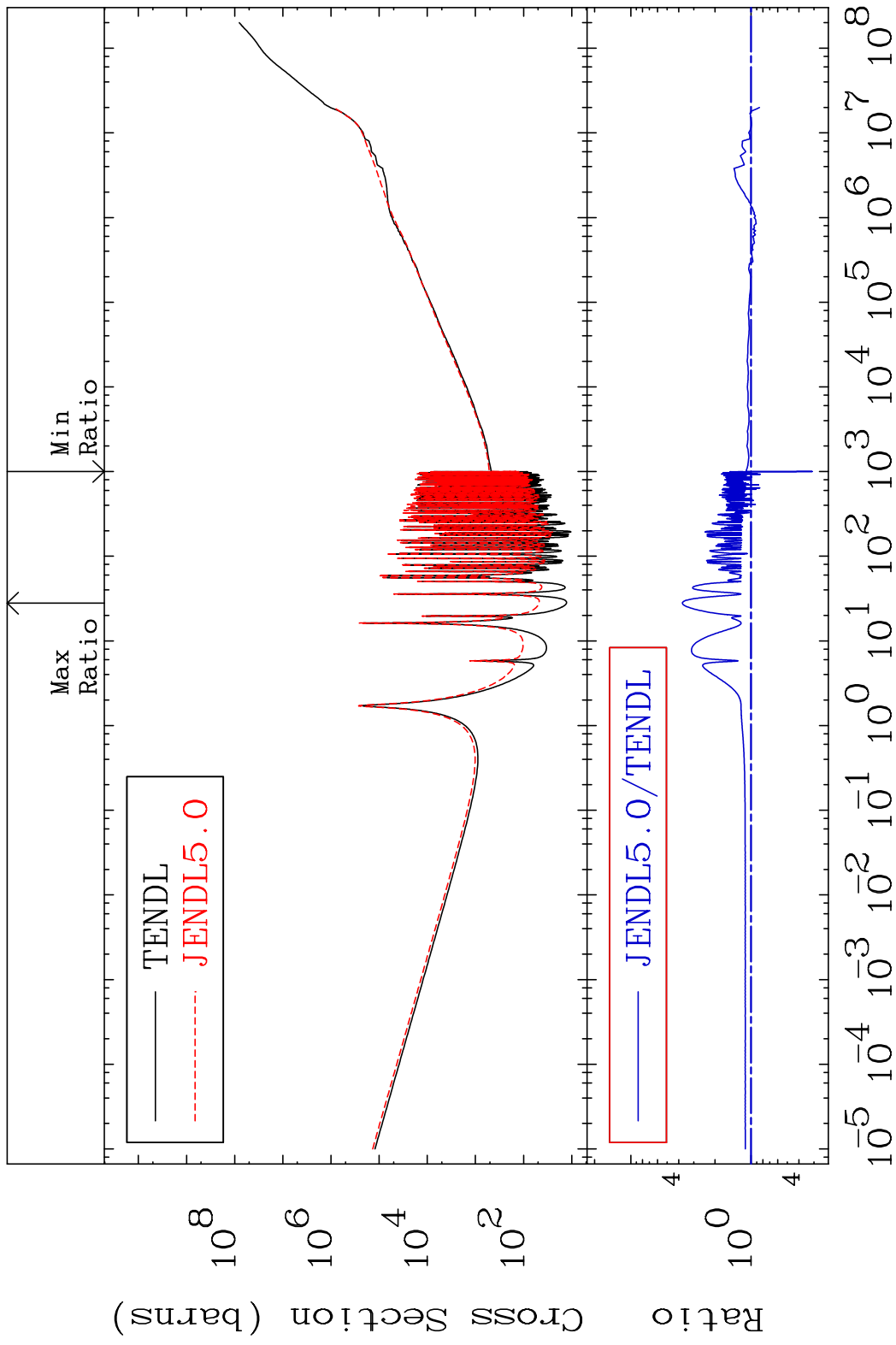


59

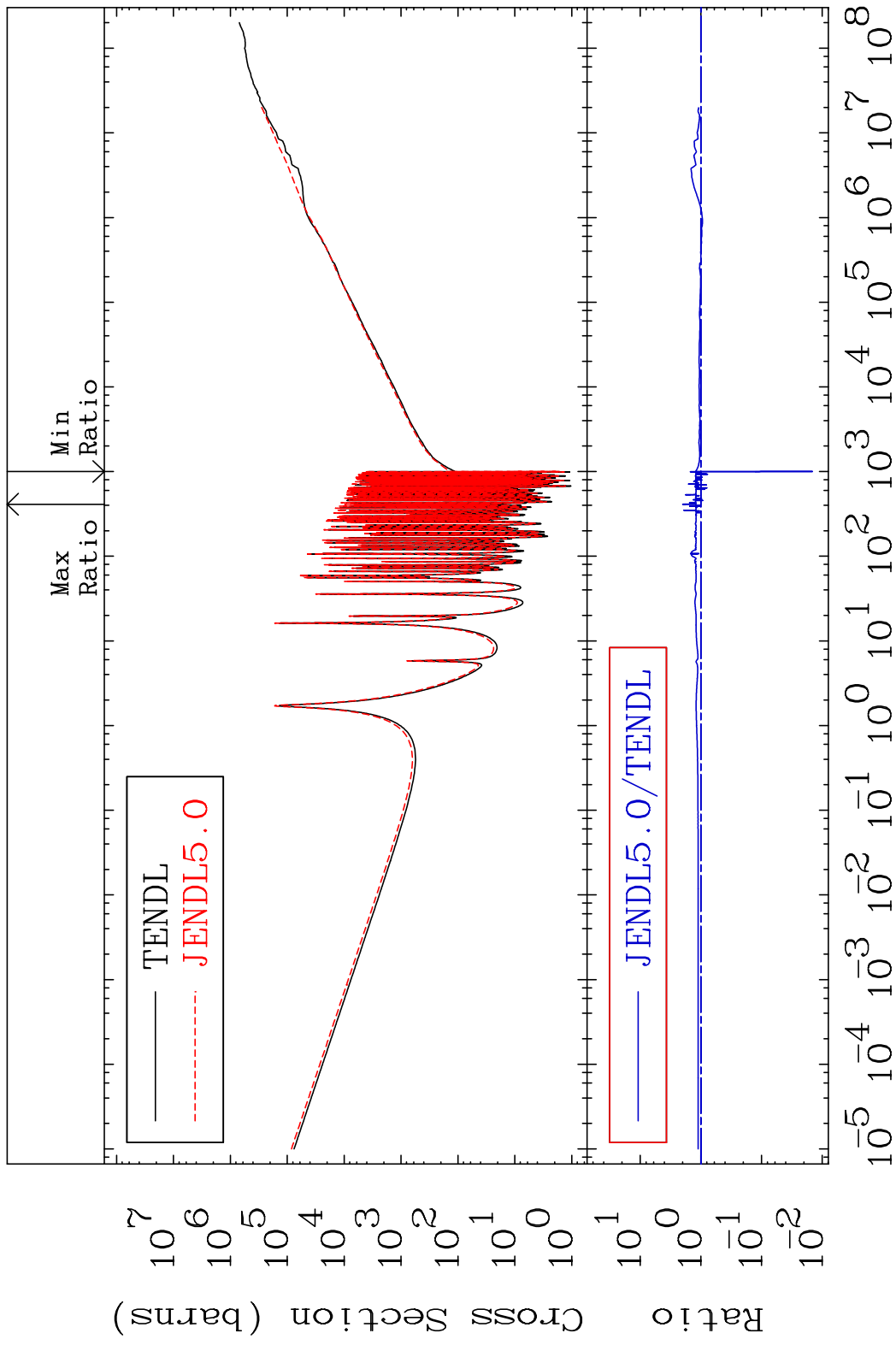
Incident Energy (eV)

66-Dy-163

MAT 6646 Total kinematic kerma (high limit) 66-Dy-163
Cross Section -69.13 To 272.8 %



MAT 6646 Dpa total (eV-barns) 66-Dy-163
 Cross Section -98.55 To 102.1 %



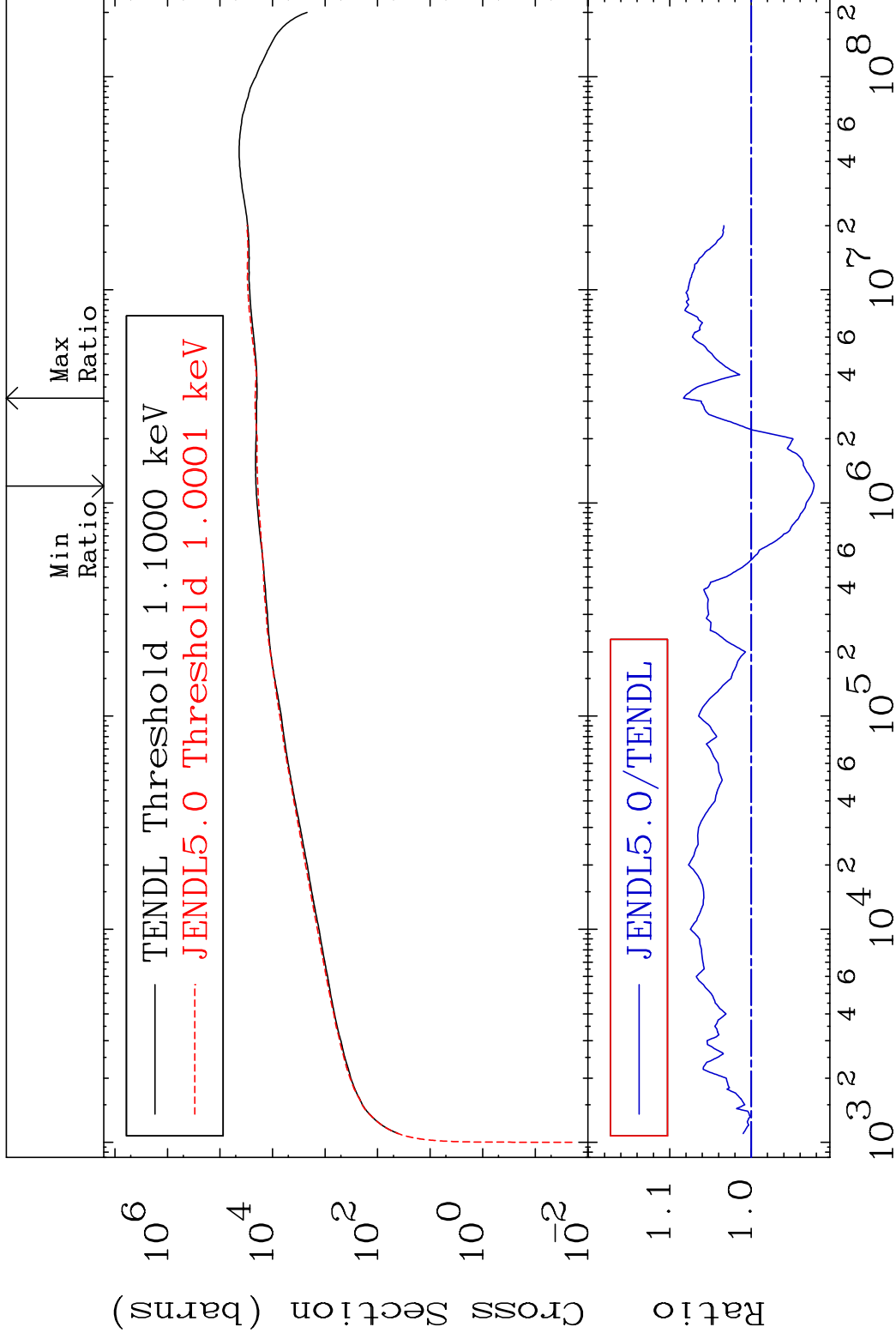
61 Incident Energy (eV) 66-Dy-163

MAT 6646

Dpa elastic (mt2)

66-Dy-163

Cross Section -7.706 To 8.315 %

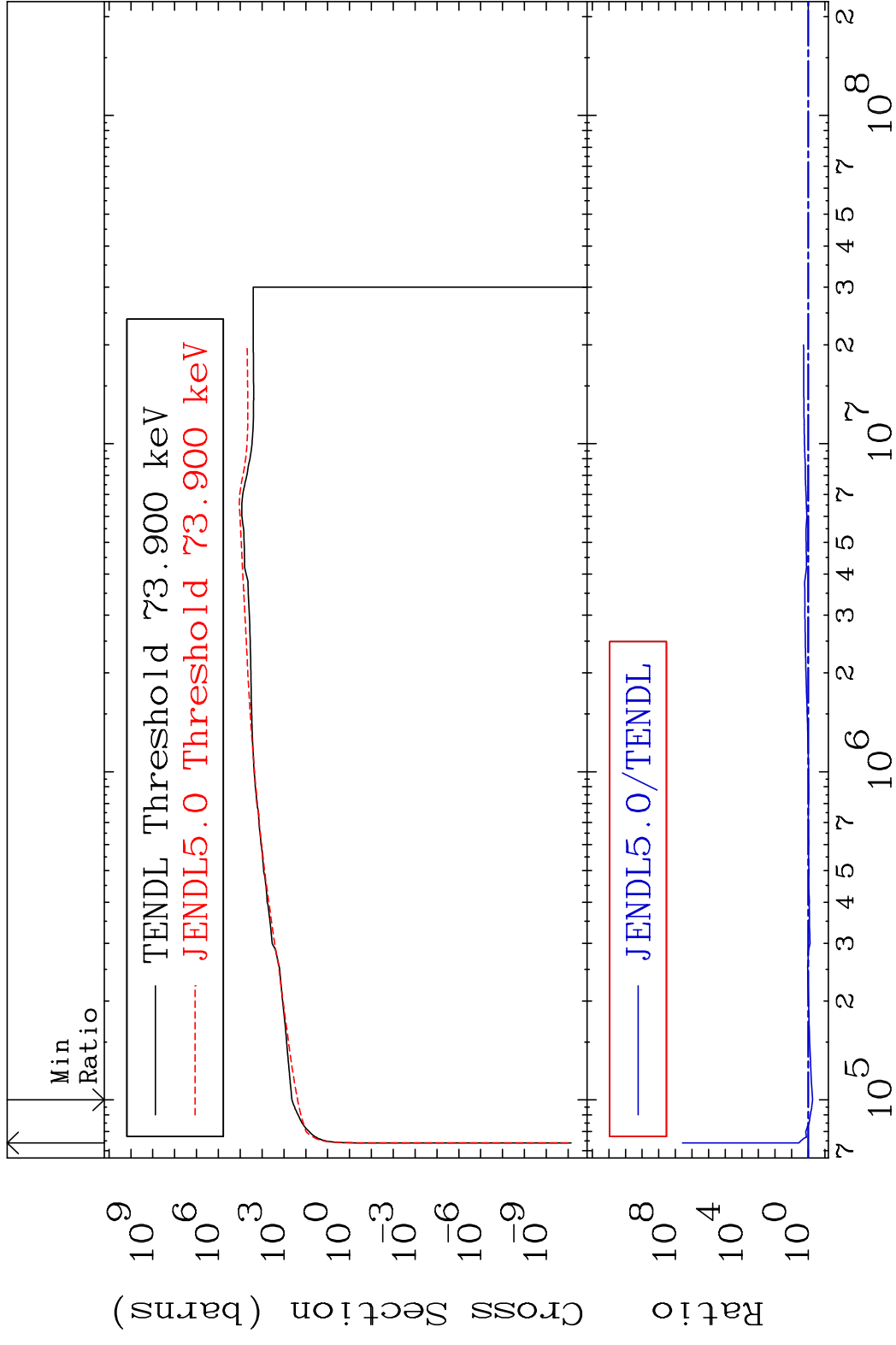


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Incident Energy (eV)

66-Dy-163

MAT 6646 Dpa inelastic (mt51-91) 66-Dy-163
Cross Section -44.79 To 9999. %



MAT 6646 Dpa disappearance (mt102 -120) 66-Dy-163
 Cross Section -99.07 To 519.4 %

