

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

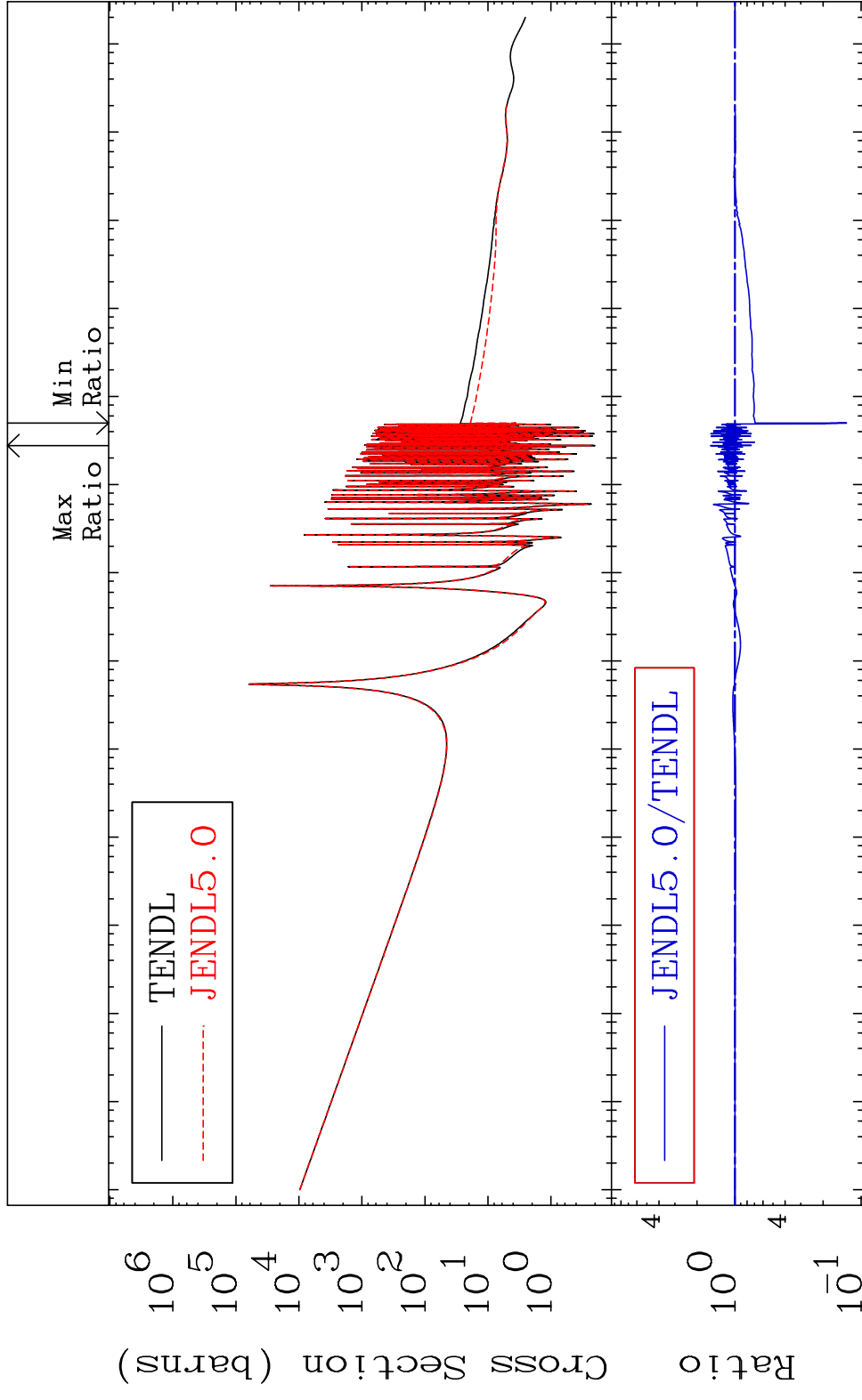
MAT 6643

Total

66-Dy-162

Cross Section

-86.92 To 55.68 %



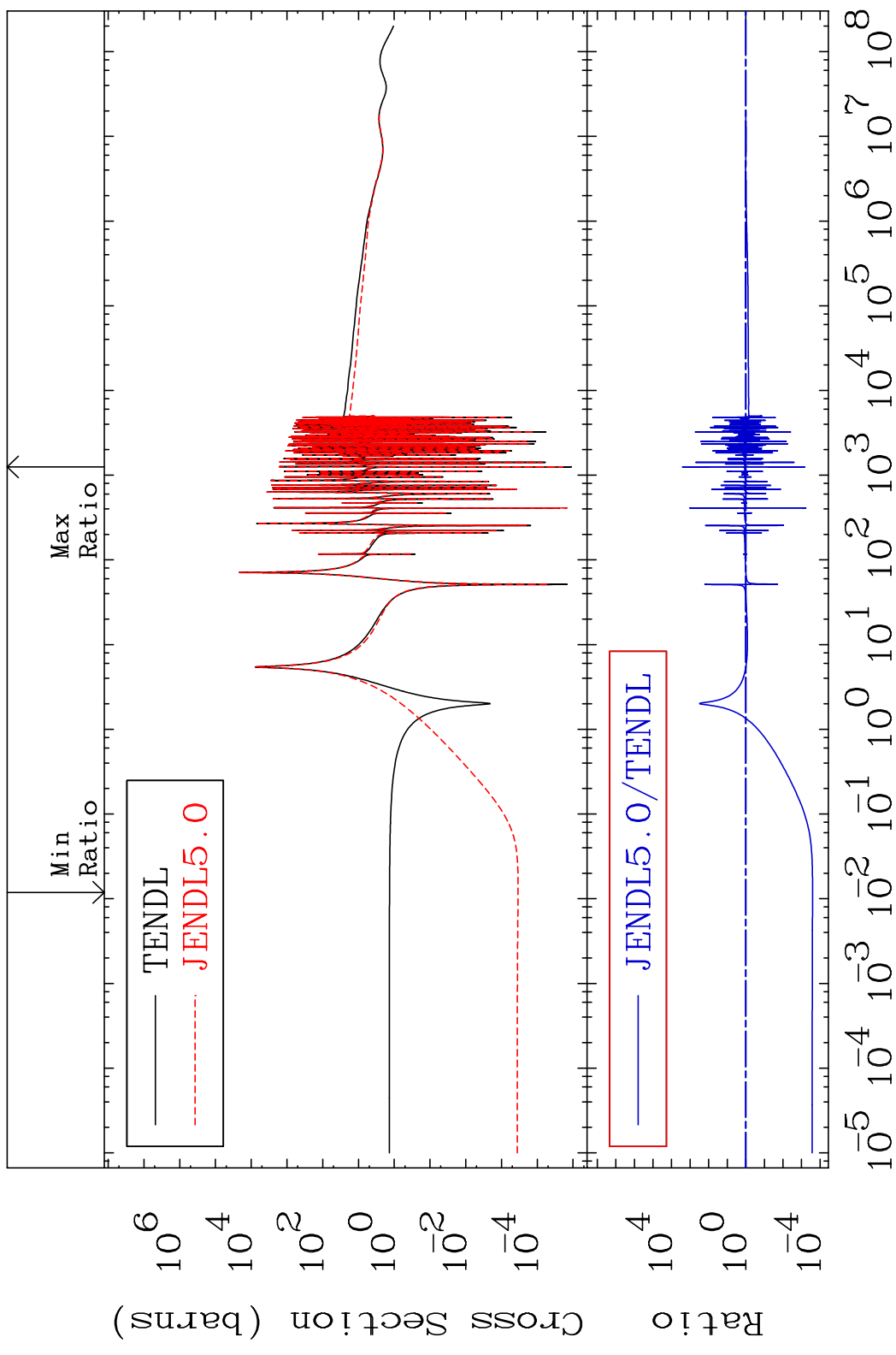
1

Incident Energy (eV)

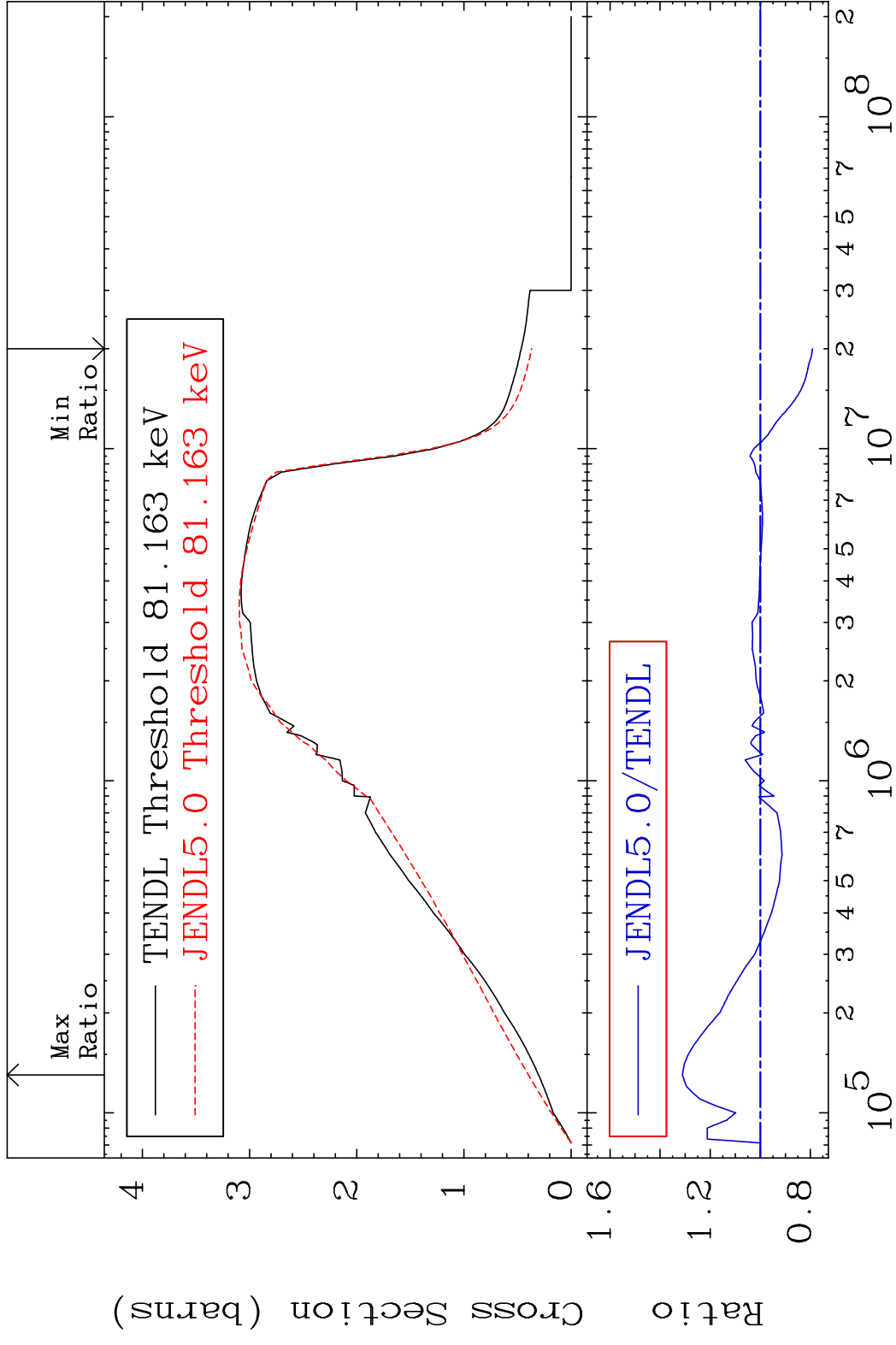
66-Dy-162

MAT 6643

Elastic Cross Section -99.97 To 9999. %
66-Dy-162



MAT 6643 Inelastic 66-Dy-162
Cross Section -20.86 To 31.12 %



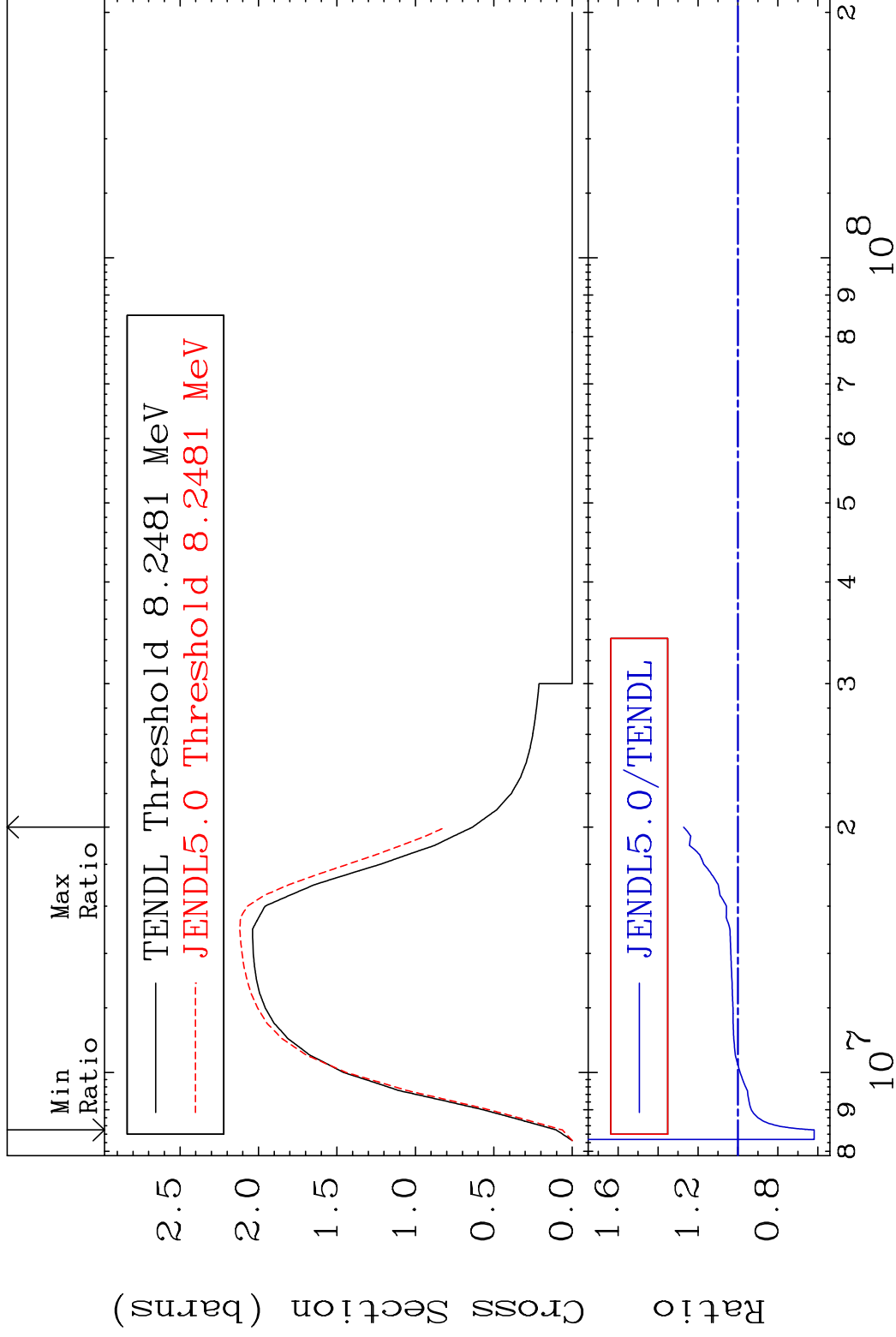
3 Incident Energy (eV) 66-Dy-162

MAT 6643

(n,2n)

66-Dy-162

Cross Section -38.13 To 27.18 %



4

Incident Energy (eV)

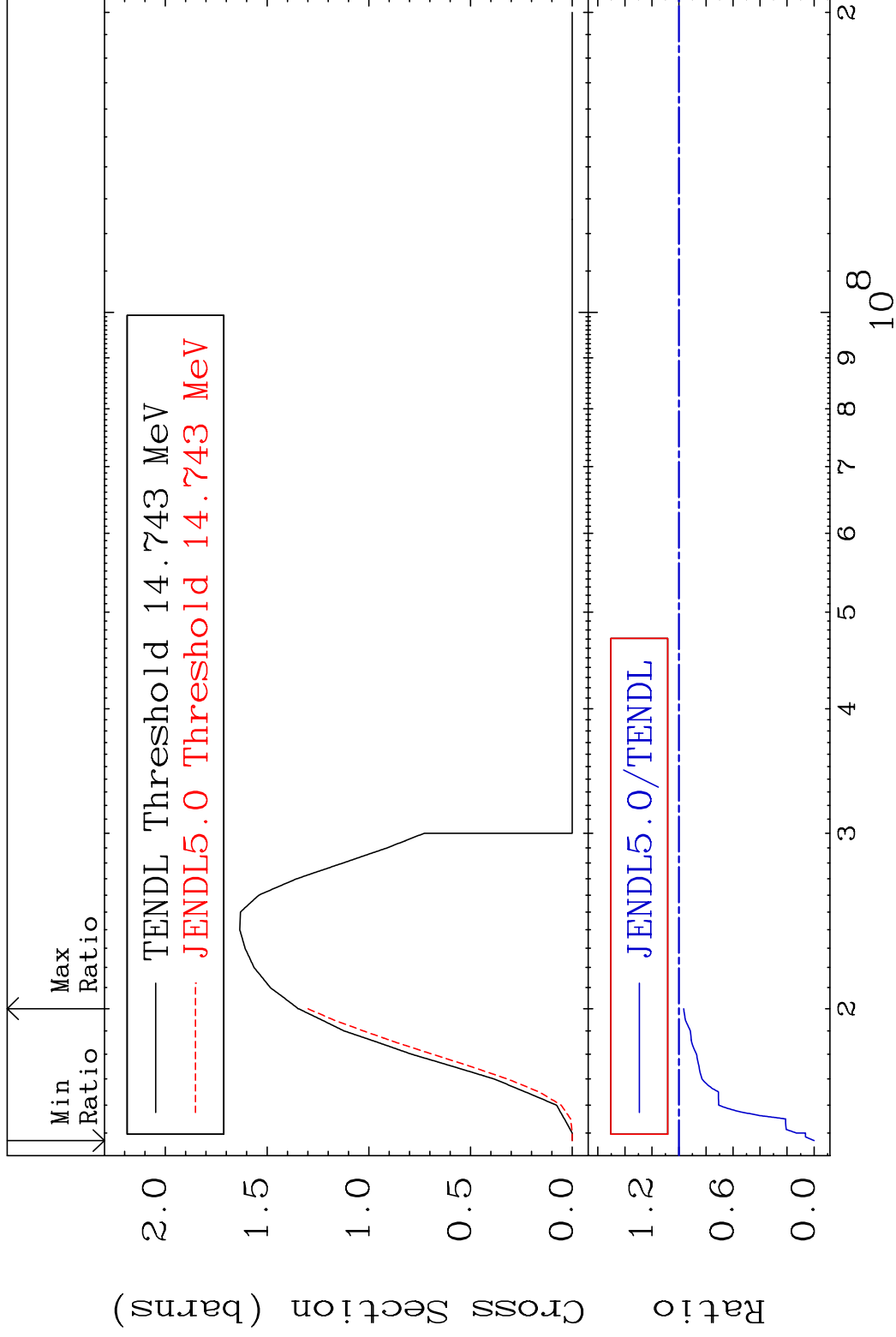
66-Dy-162

MAT 6643

(n,3n)

66-Dy-162

Cross Section -100.0 To -3.490%



5

Incident Energy (eV)

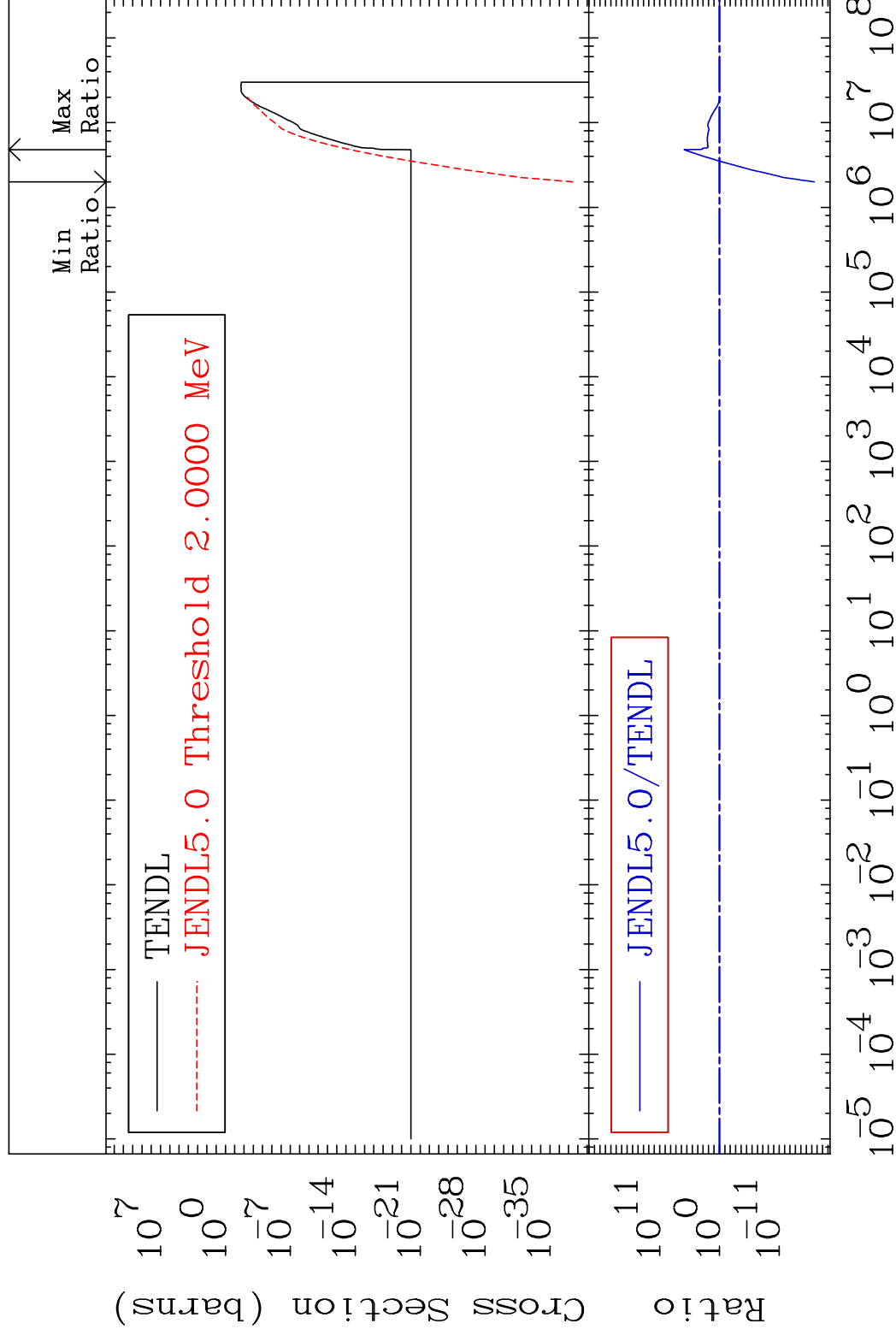
66-Dy-162

MAT 6643

(n, n') α

66-Dy-162

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

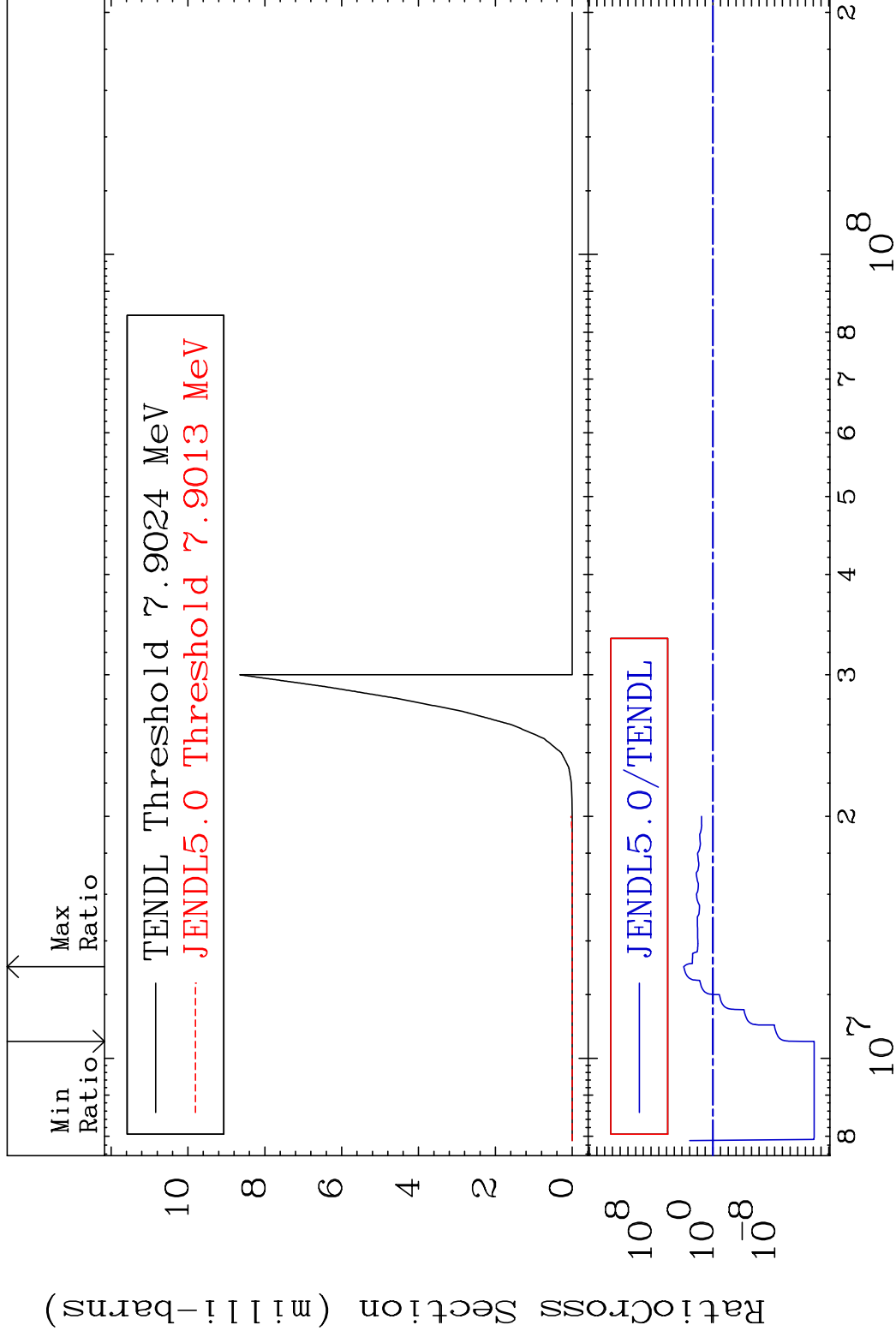
66-Dy-162

MAT 6643

(n,2n) α

66-Dy-162

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

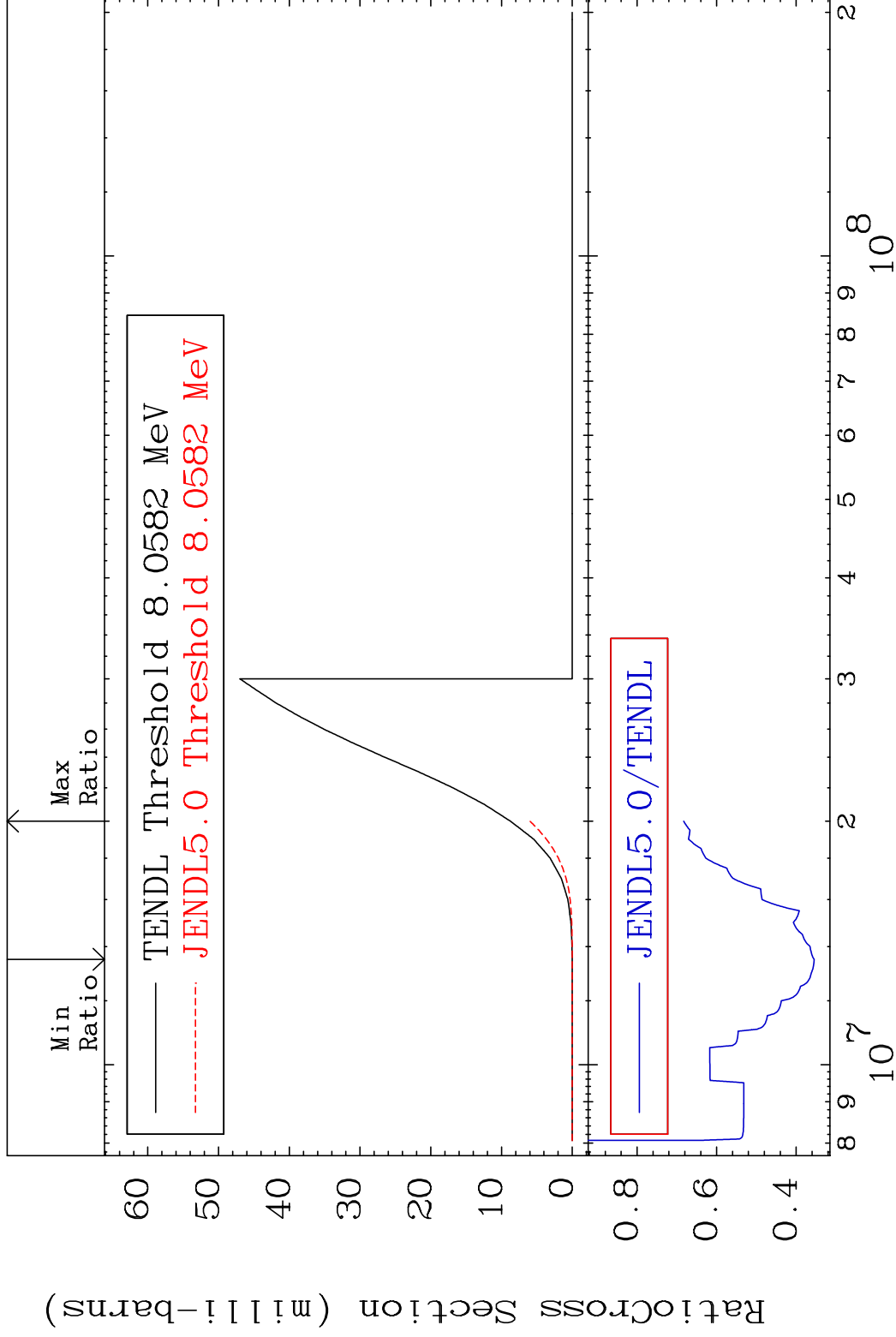
66-Dy-162

MAT 6643

(n, n') p

66-Dy-162

Cross Section -64.50 To -31.71%



8

Incident Energy (eV)

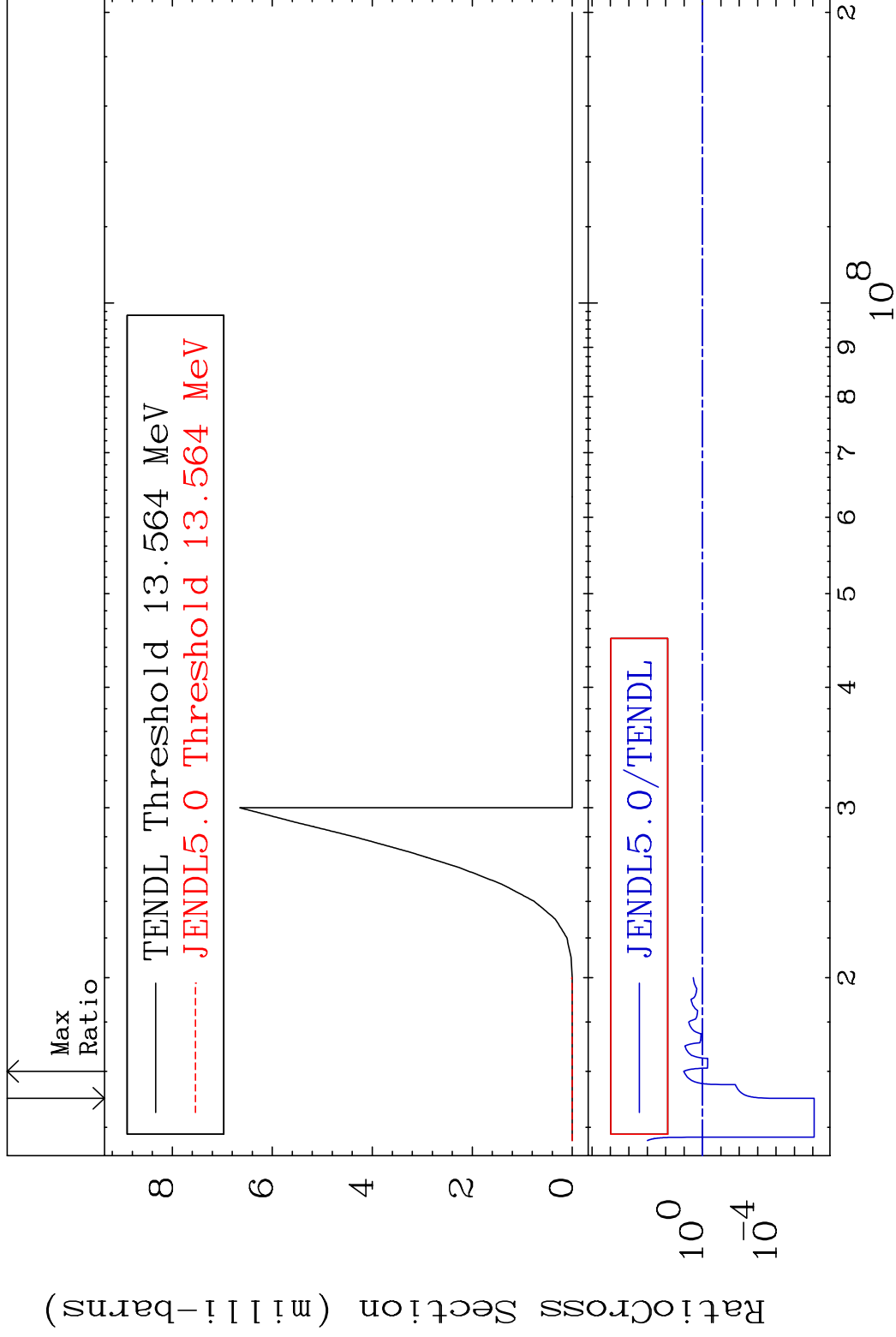
66-Dy-162

MAT 6643

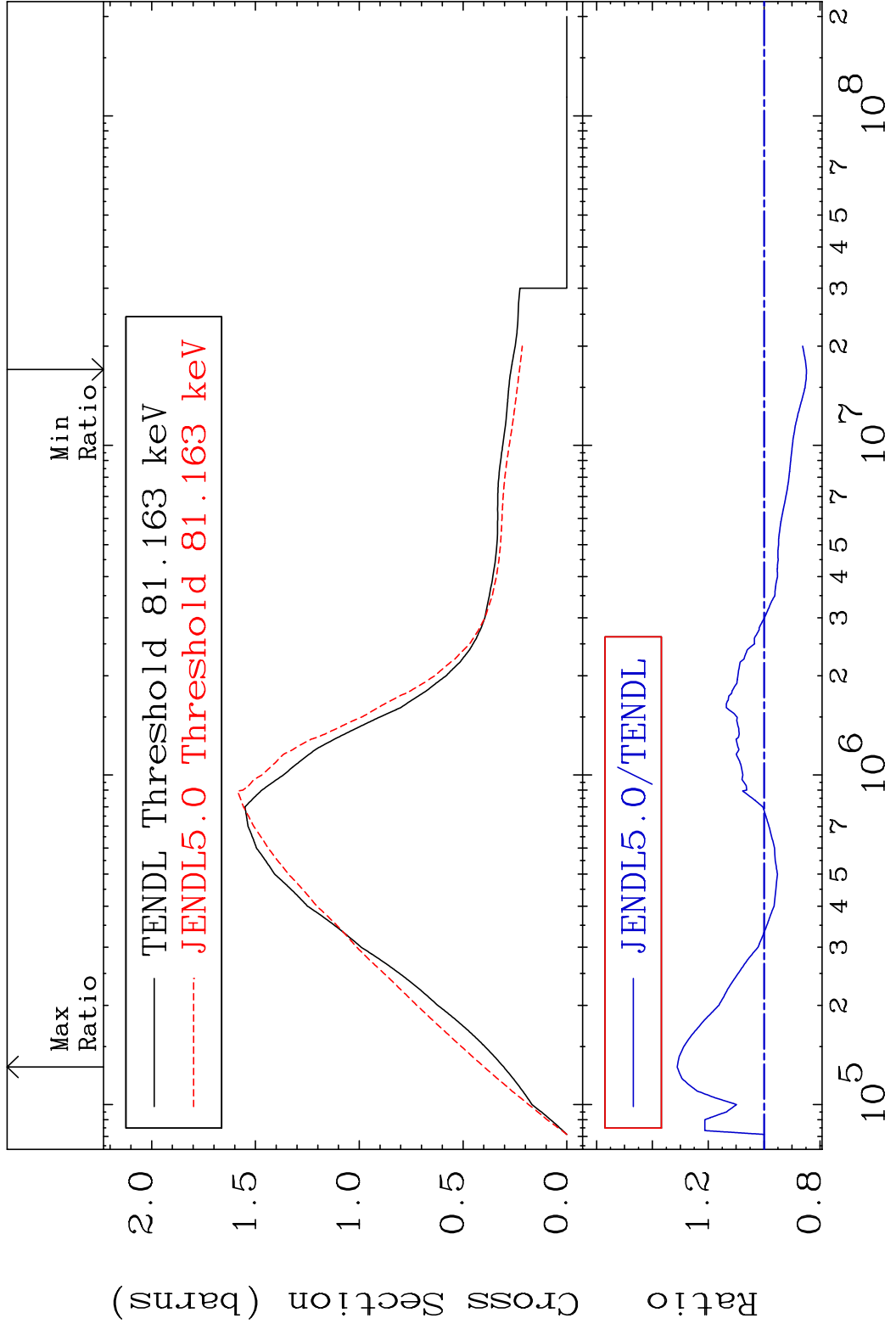
(n, n') d

66-Dy-162

Cross Section -100.0 To 953.1 %

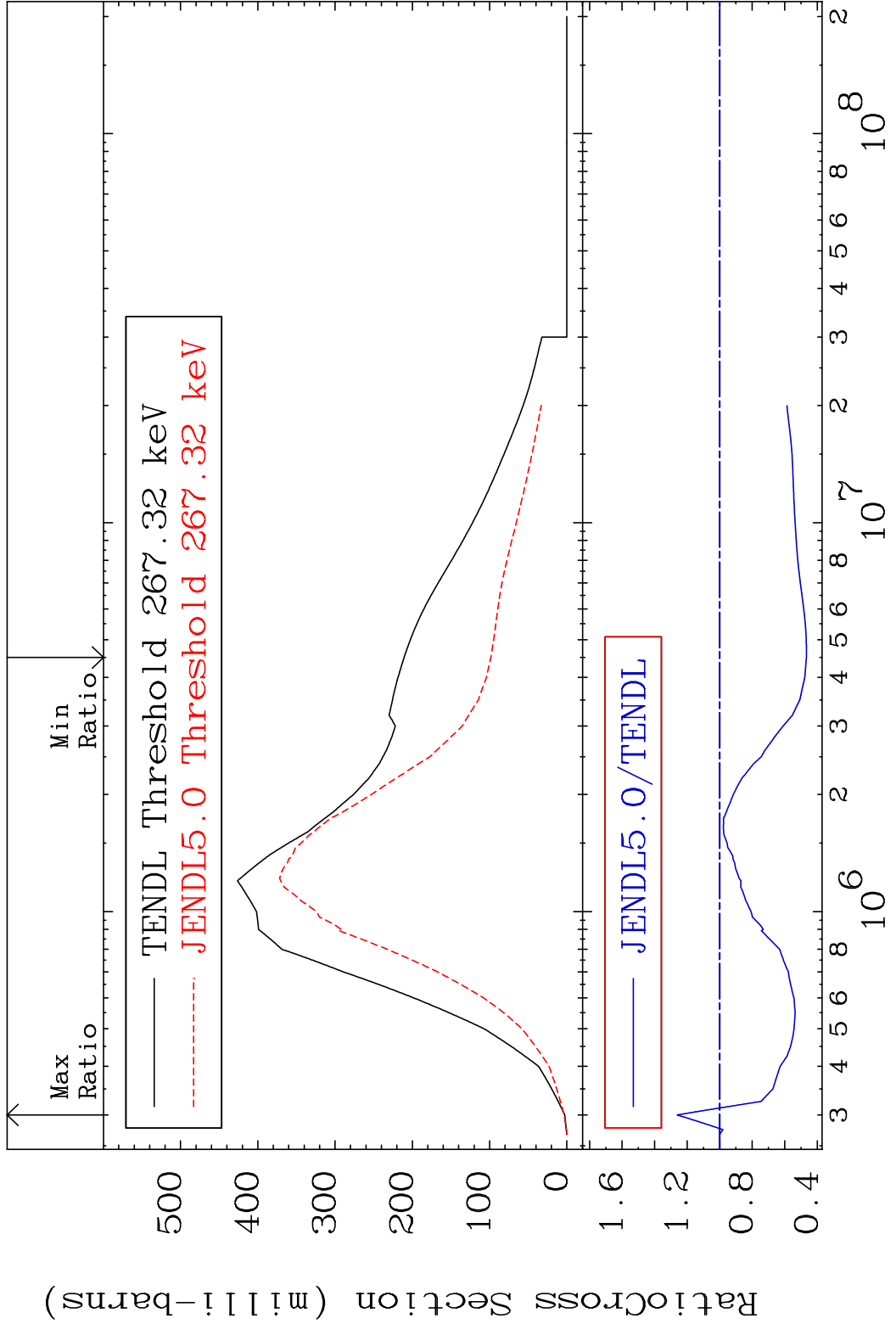


MAT 6643 MT= 51 (n, n') Level 66-Dy-162
 Cross Section -15.16 To 31.12 %

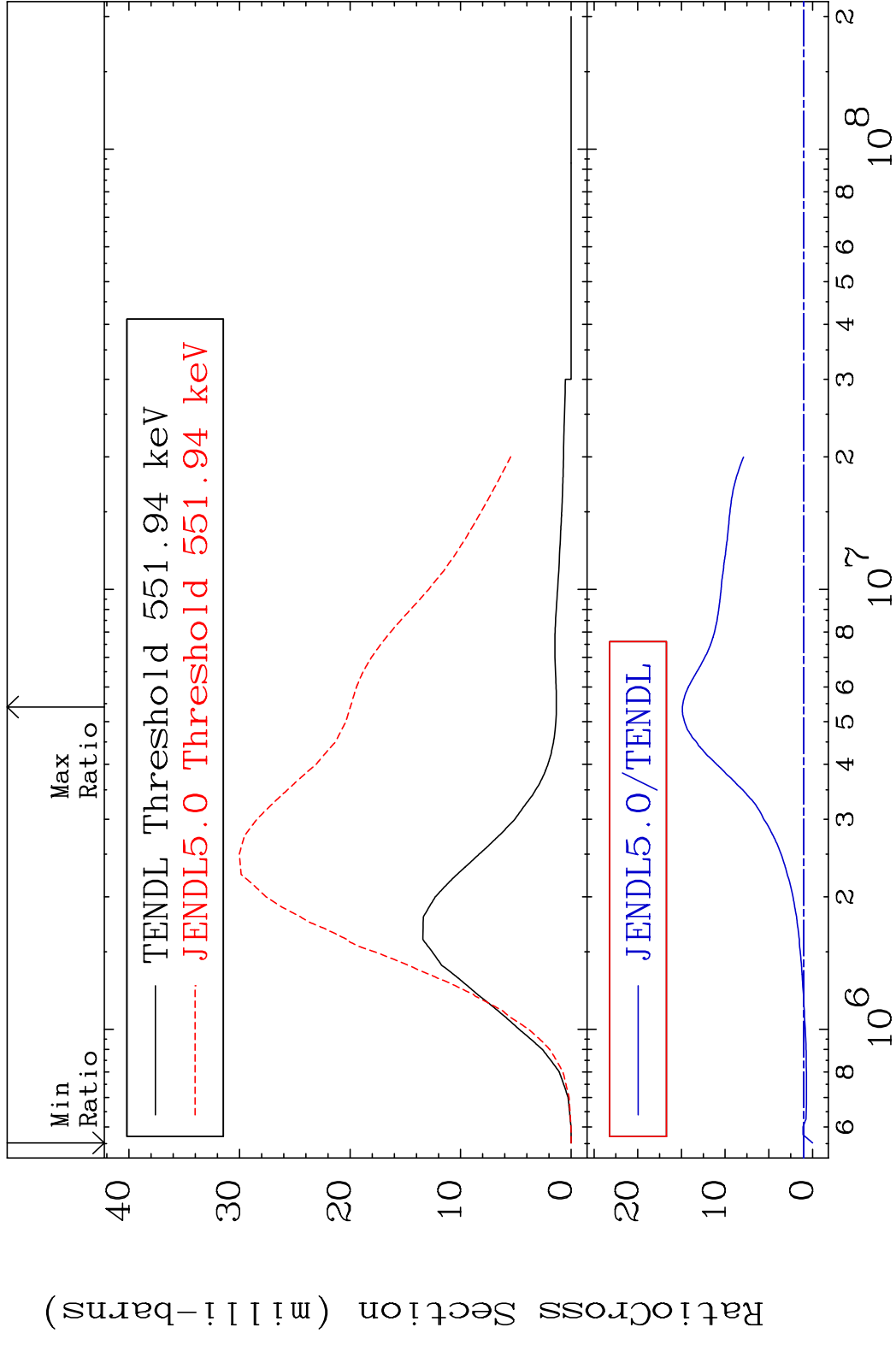


10 Incident Energy (eV) 66-Dy-162

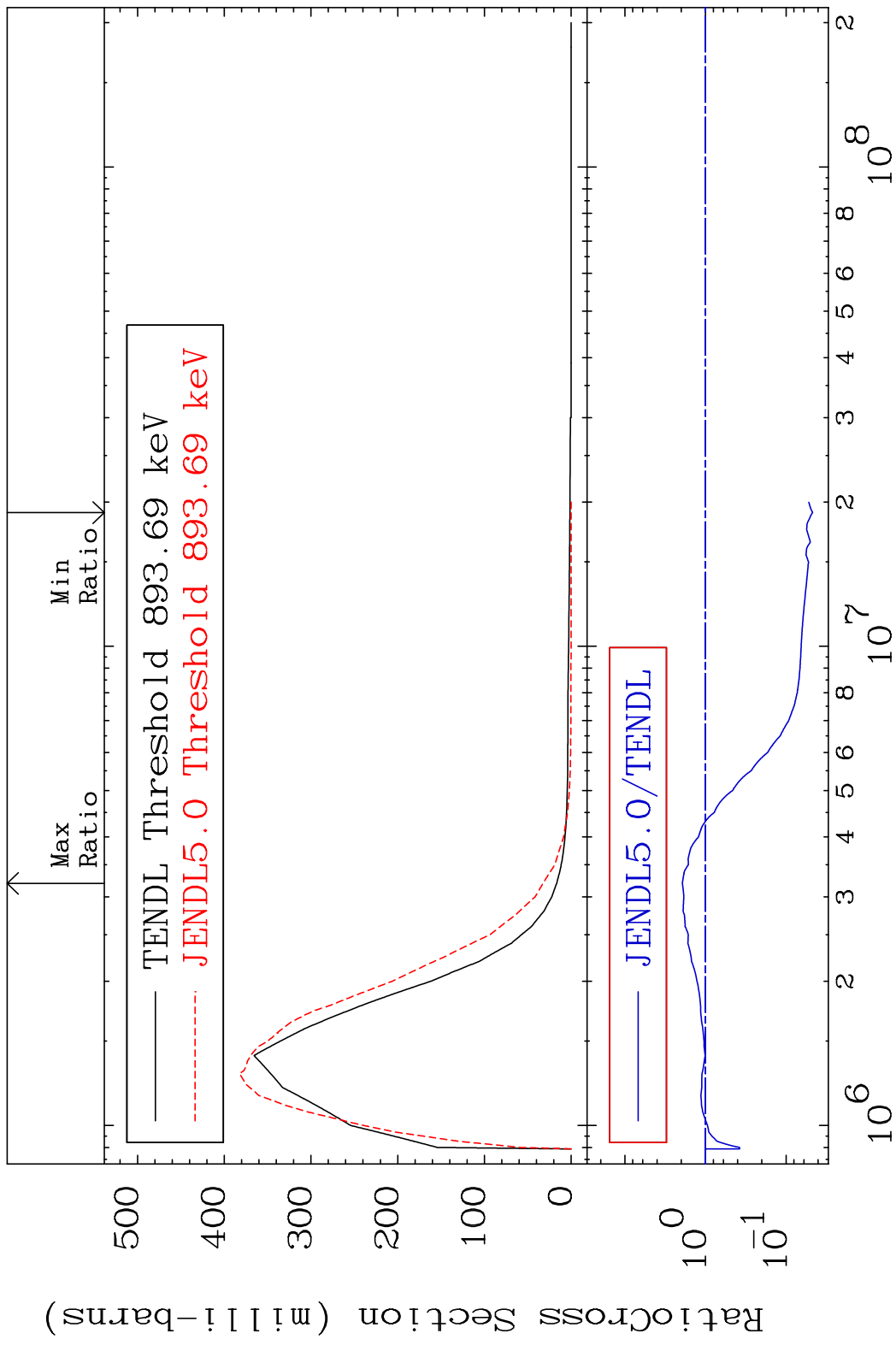
MAT 6643 MT= 52 (n, n') Level 66-Dy-162
 Cross Section -53.33 To 26.12 %



MAT 6643 MT= 53 (n, n') Level 66-Dy-162
 Cross Section -100.0 To 1390. %

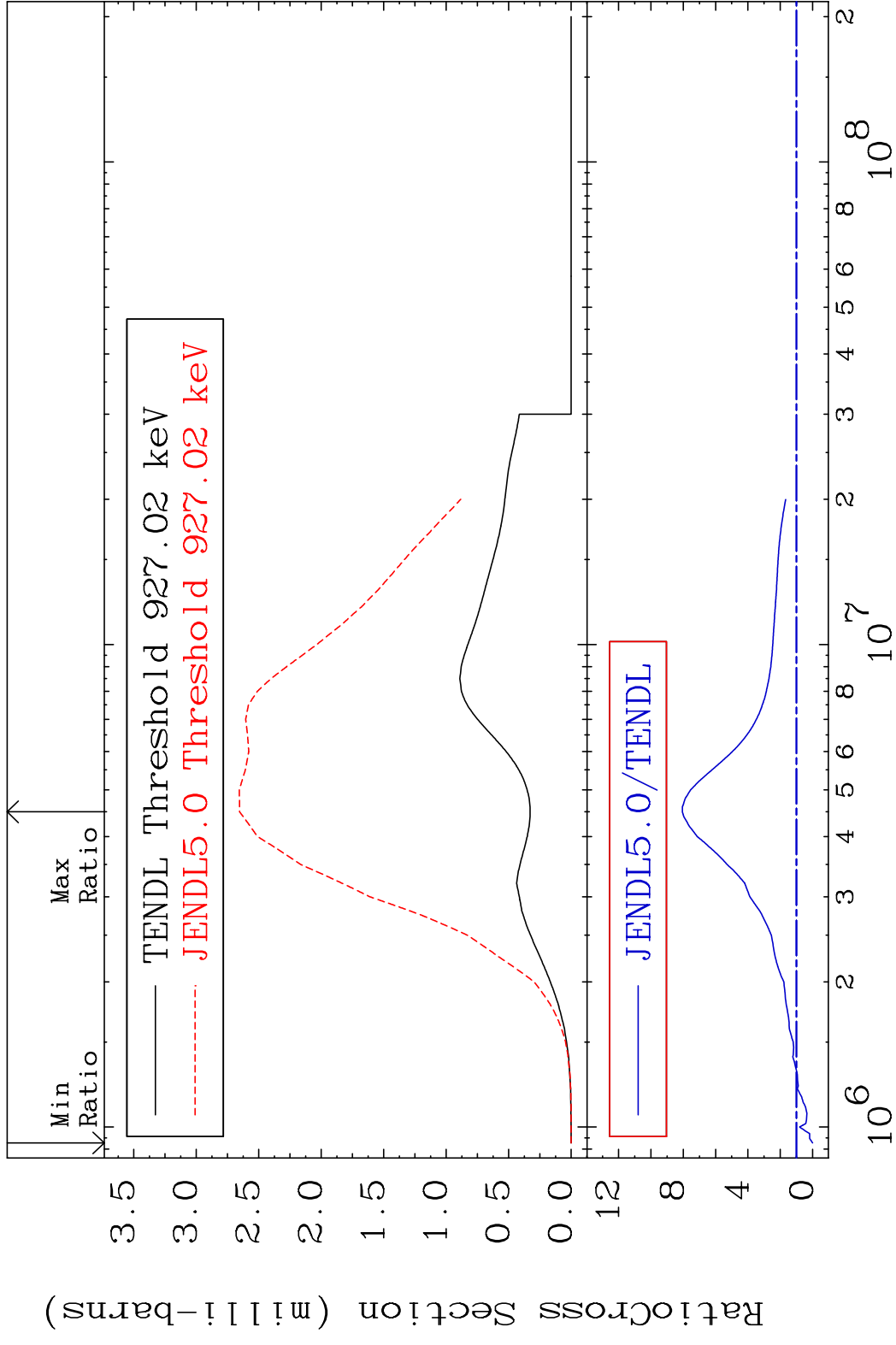


MAT 6643 MT= 54 (n, n') Level 66-Dy-162
 Cross Section -95.30 To 93.83 %



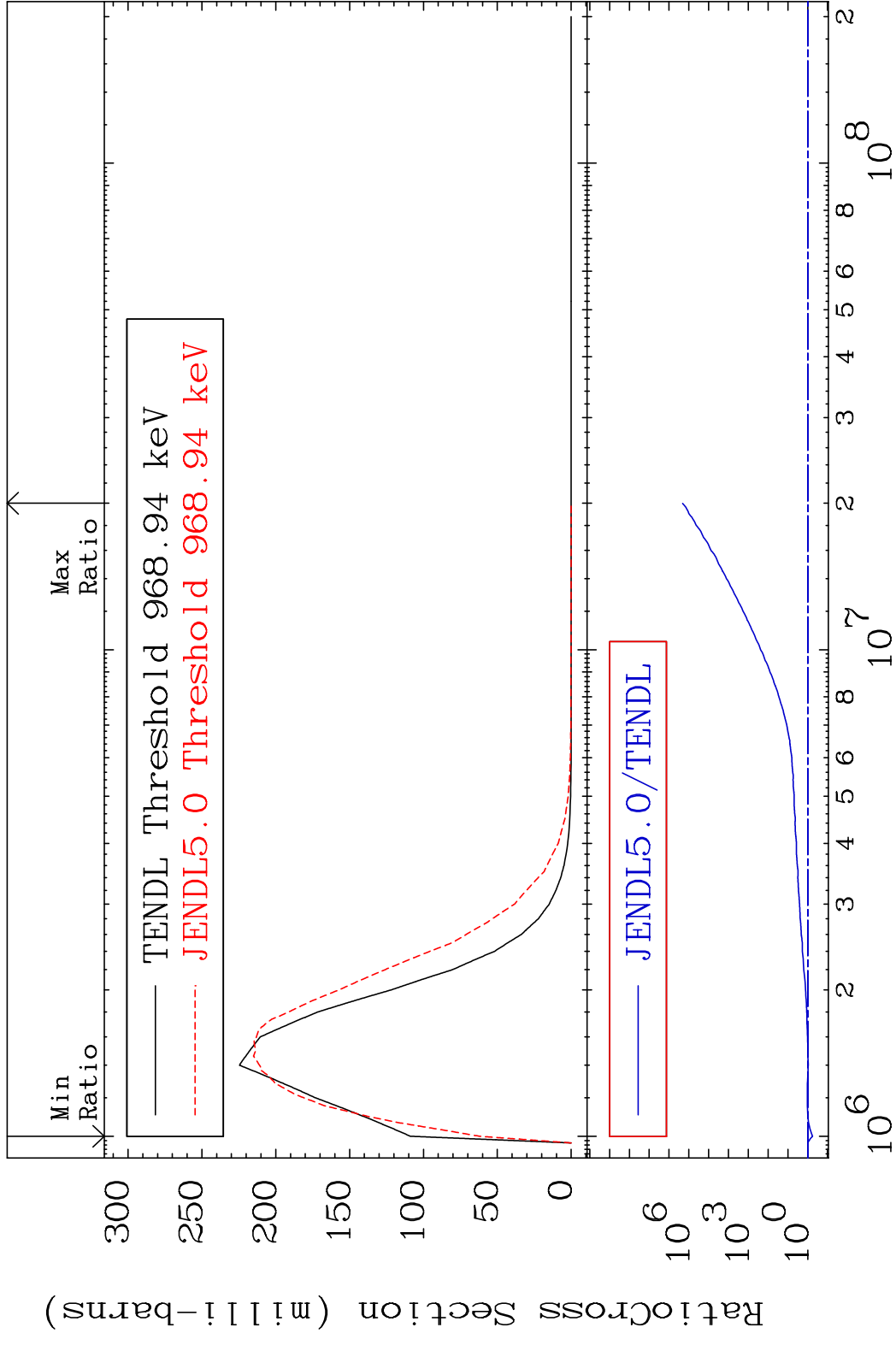
13 Incident Energy (eV) 66-Dy-162

MAT 6643 MT= 55 (n, n') Level 66-Dy-162
 Cross Section -100.0 To 705.7 %



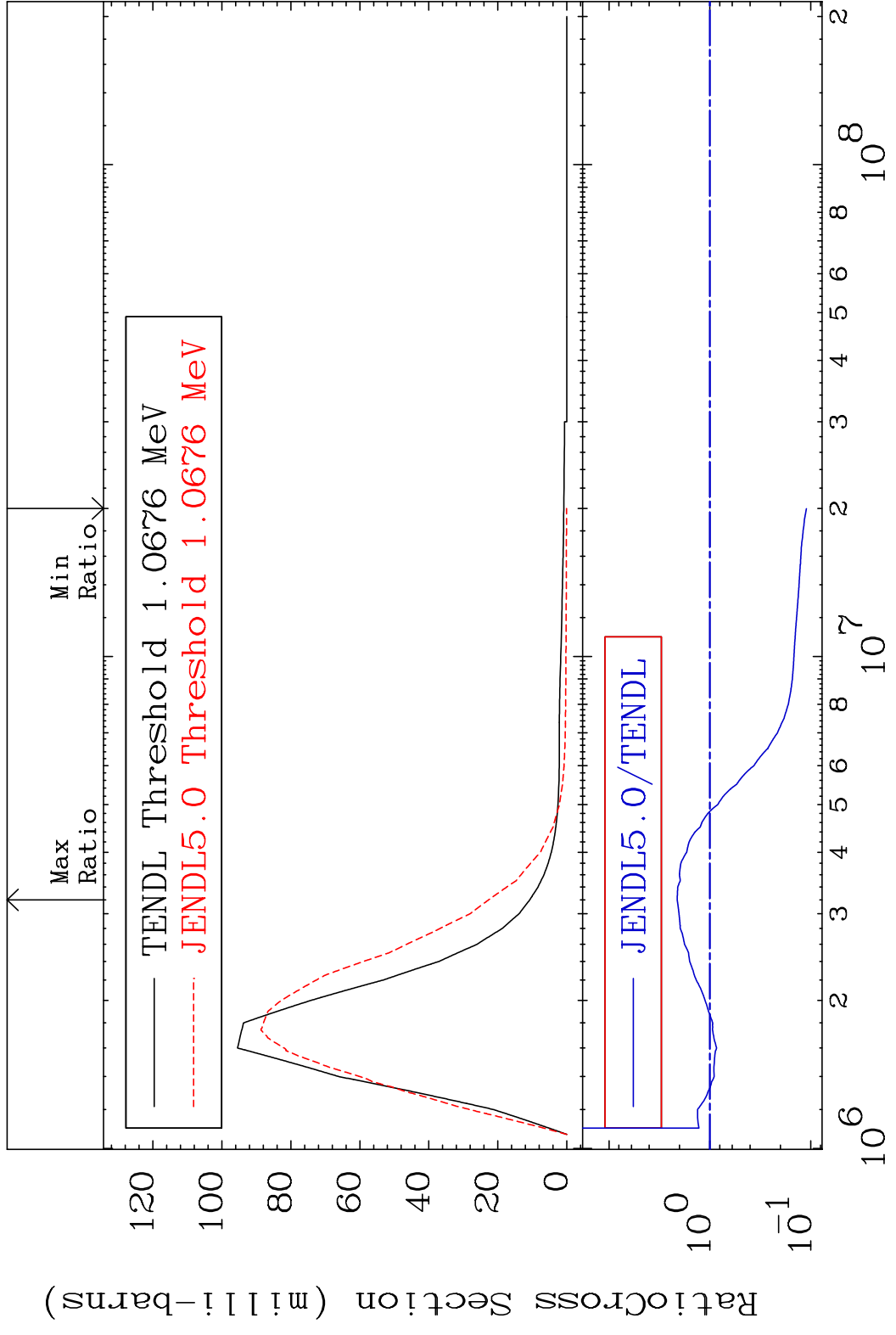
14 Incident Energy (eV) 66-Dy-162

MAT 6643 MT= 56 (n, n') Level 66-Dy-162
 Cross Section -43.07 To 9999. %



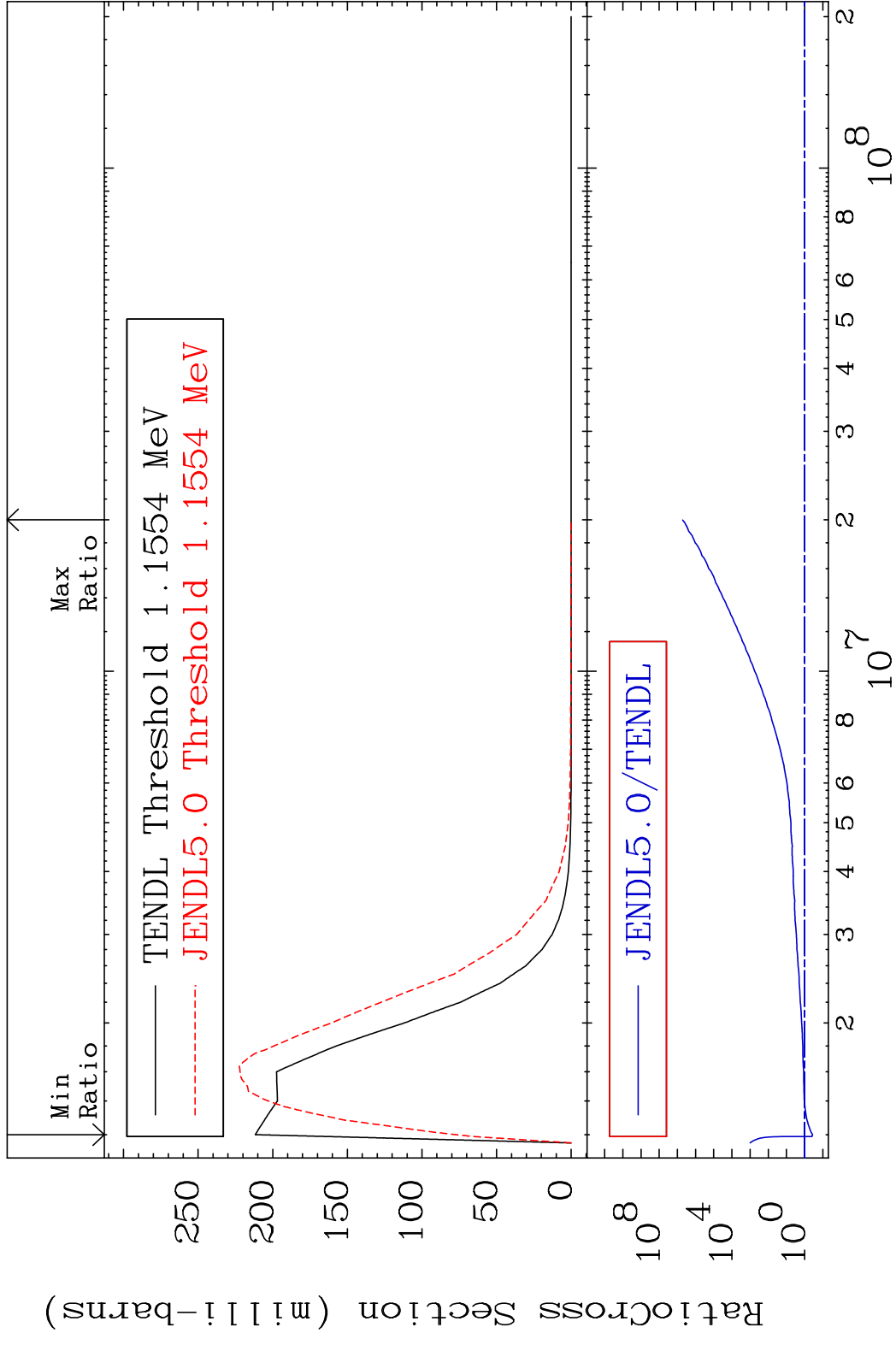
15 66-Dy-162

MAT 6643 MT= 57 (n, n') Level 66-Dy-162
 Cross Section -88.94 To 111.0 %

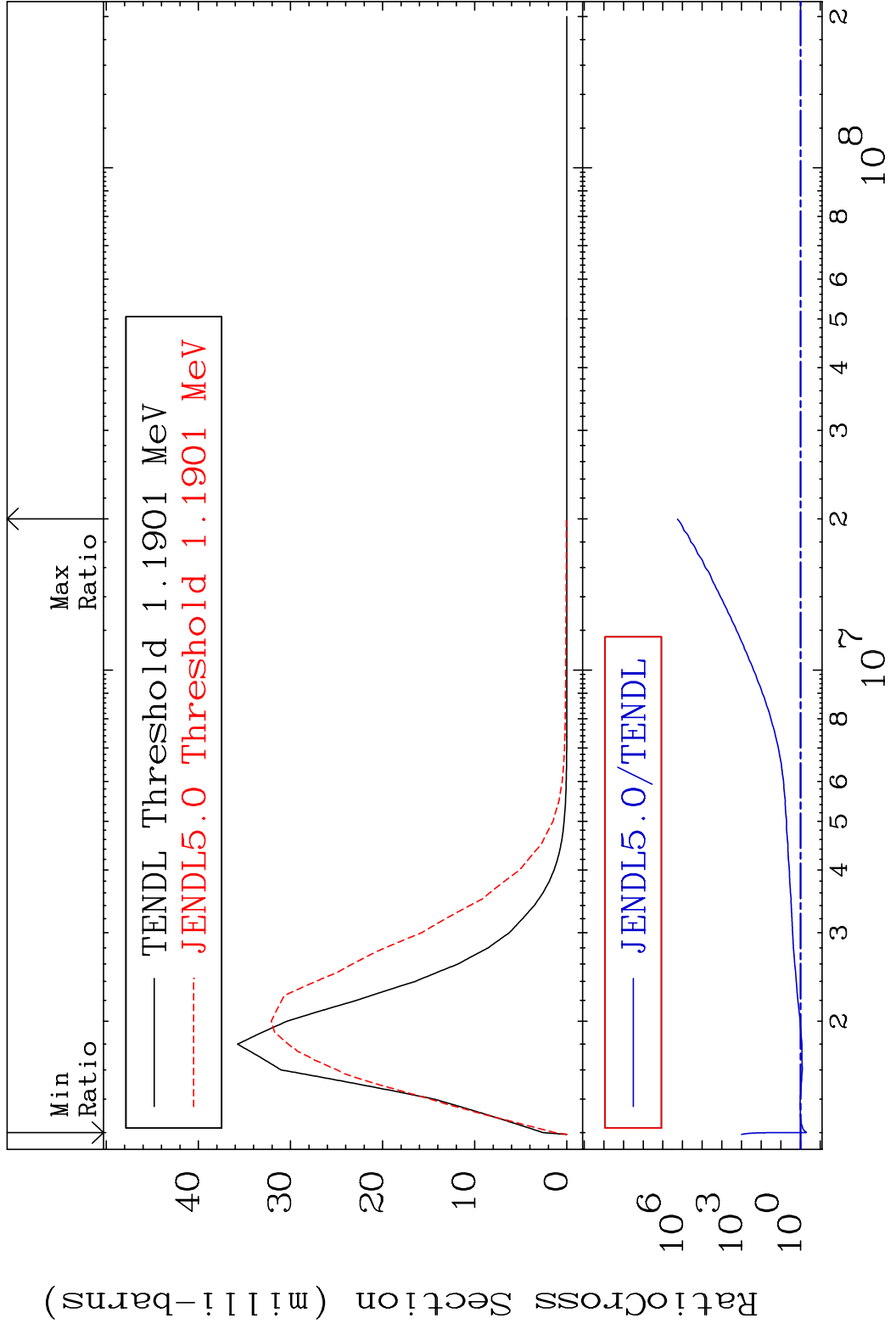


16 Incident Energy (eV) 66-Dy-162

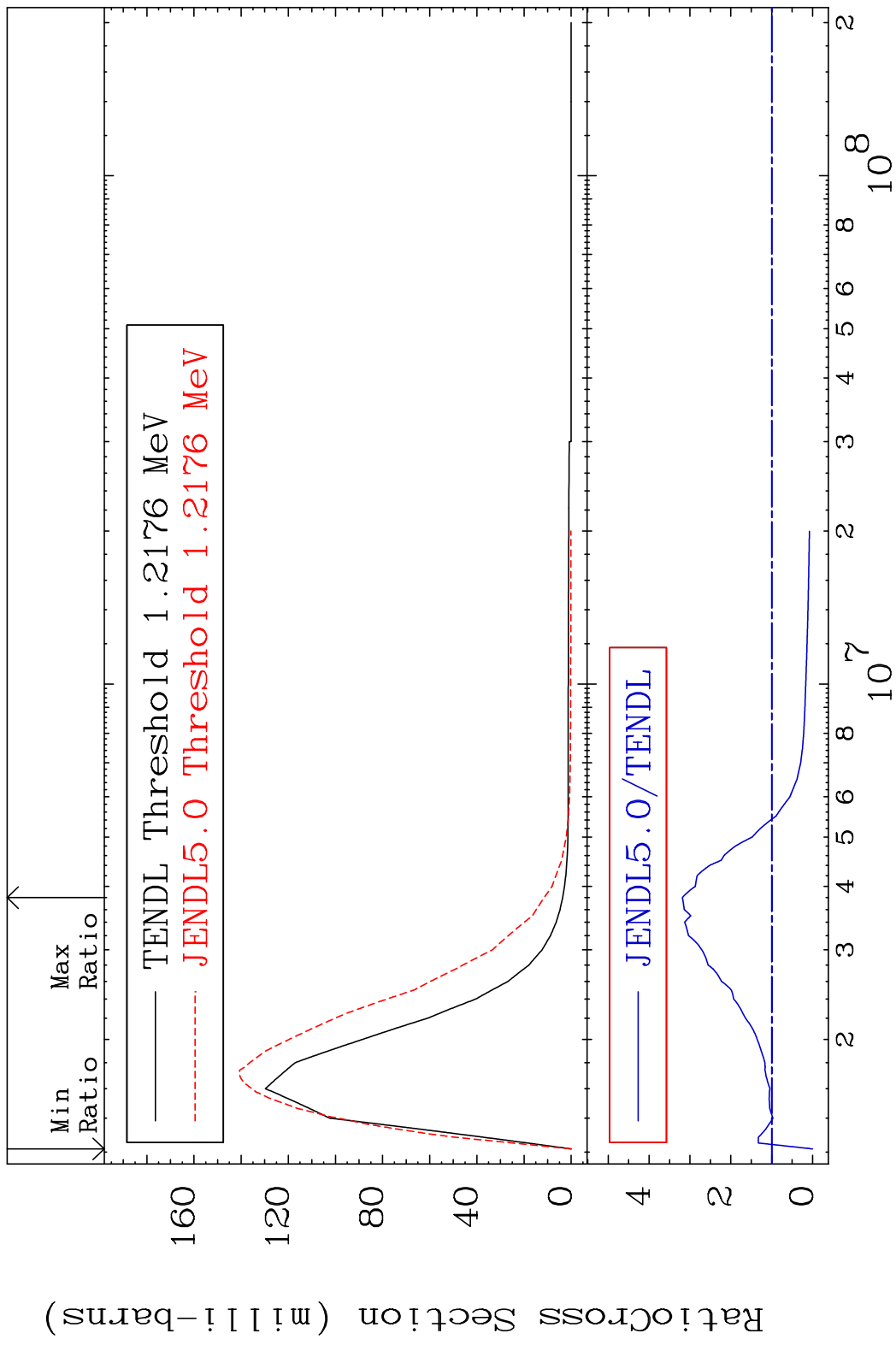
MAT 6643 MT= 58 (n, n') Level 66-Dy-162
 Cross Section -63.48 To 9999. %



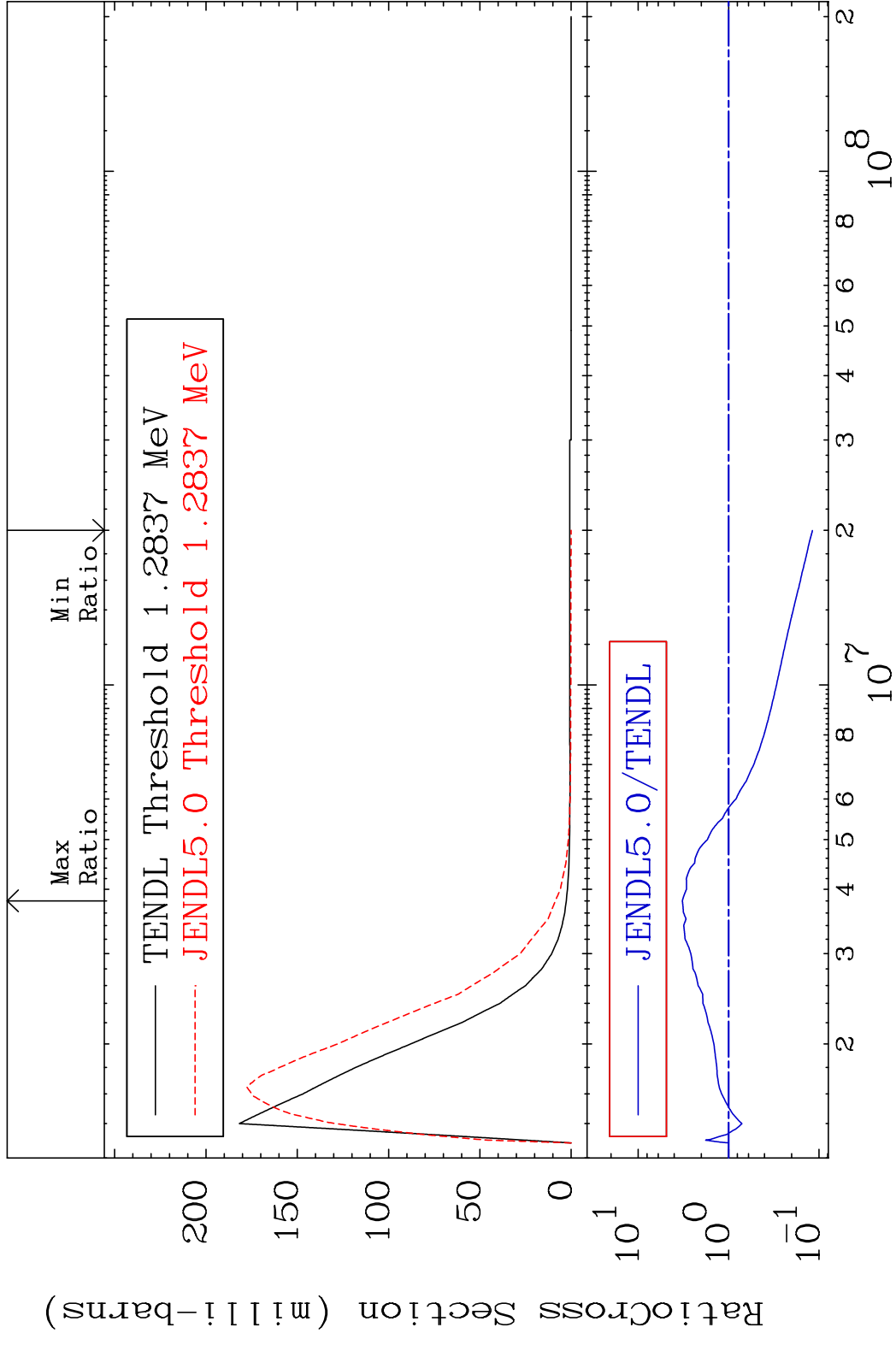
MAT 6643 MT= 59 (n, n') Level 66-Dy-162
 Cross Section -49.85 To 9999. %



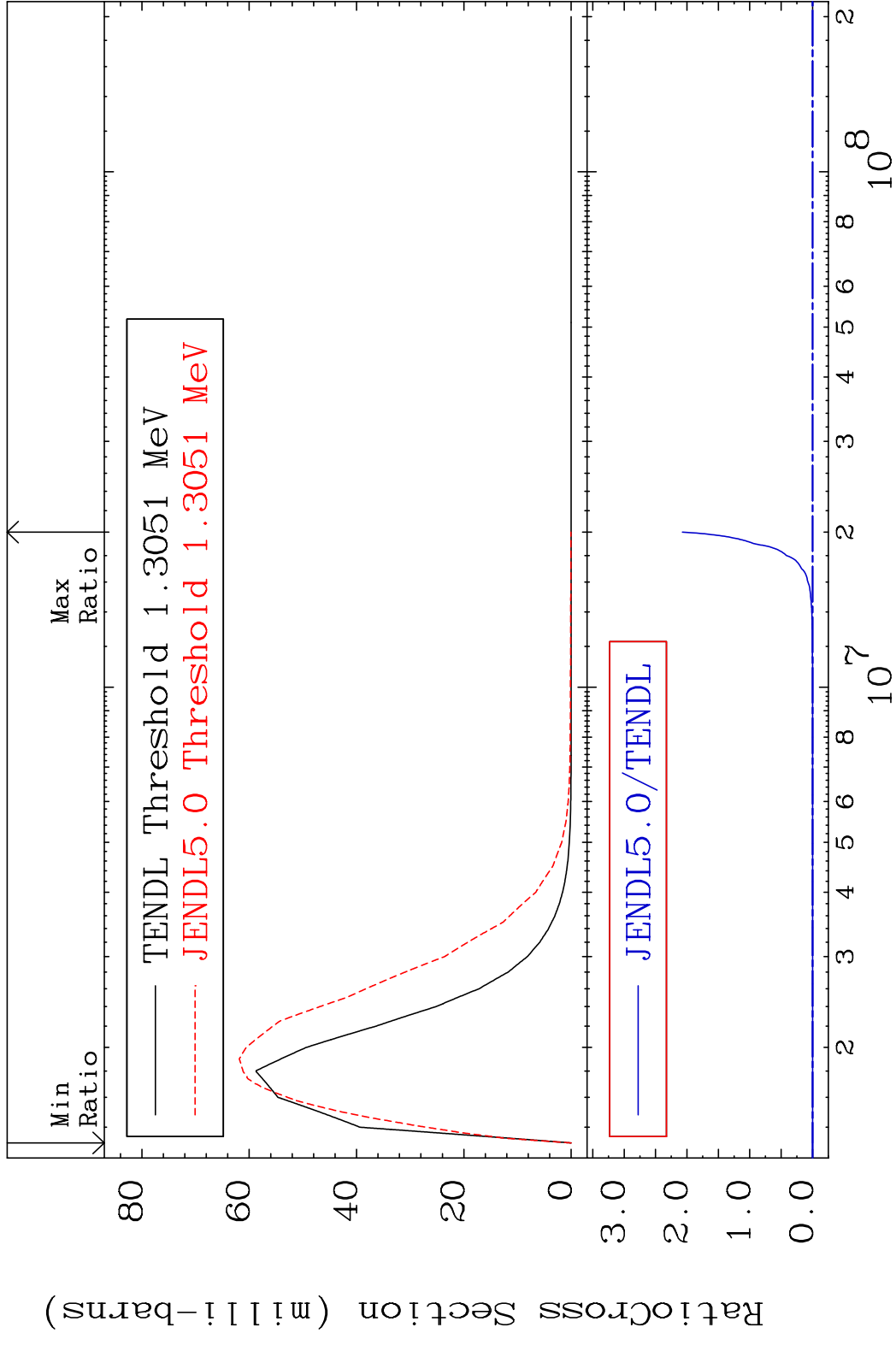
MAT 6643 MT= 60 (n, n') Level 66-Dy-162
 Cross Section -100.0 To 218.6 %



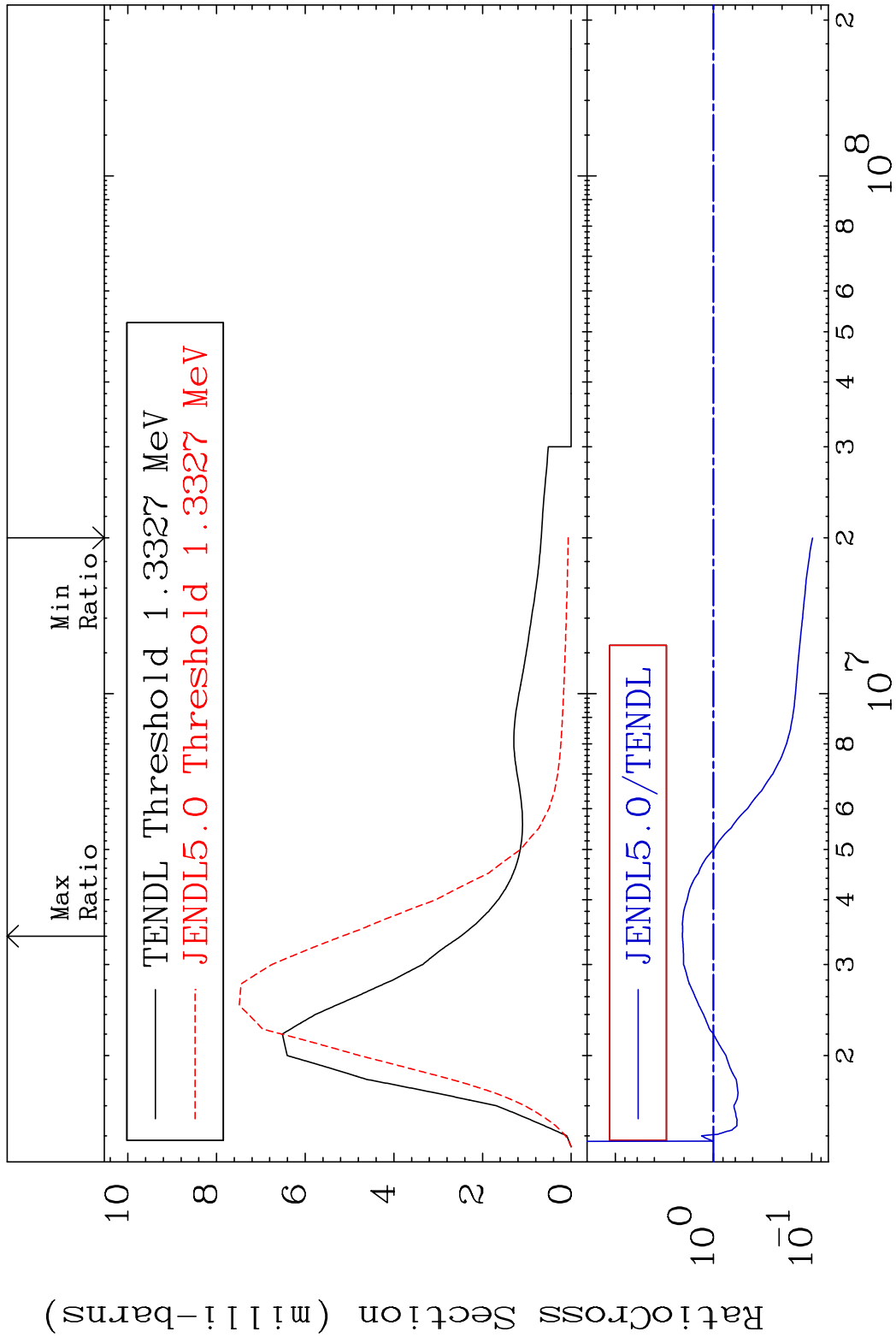
MAT 6643 MT= 61 (n, n') Level 66-Dy-162
 Cross Section -88.24 To 224.9 %



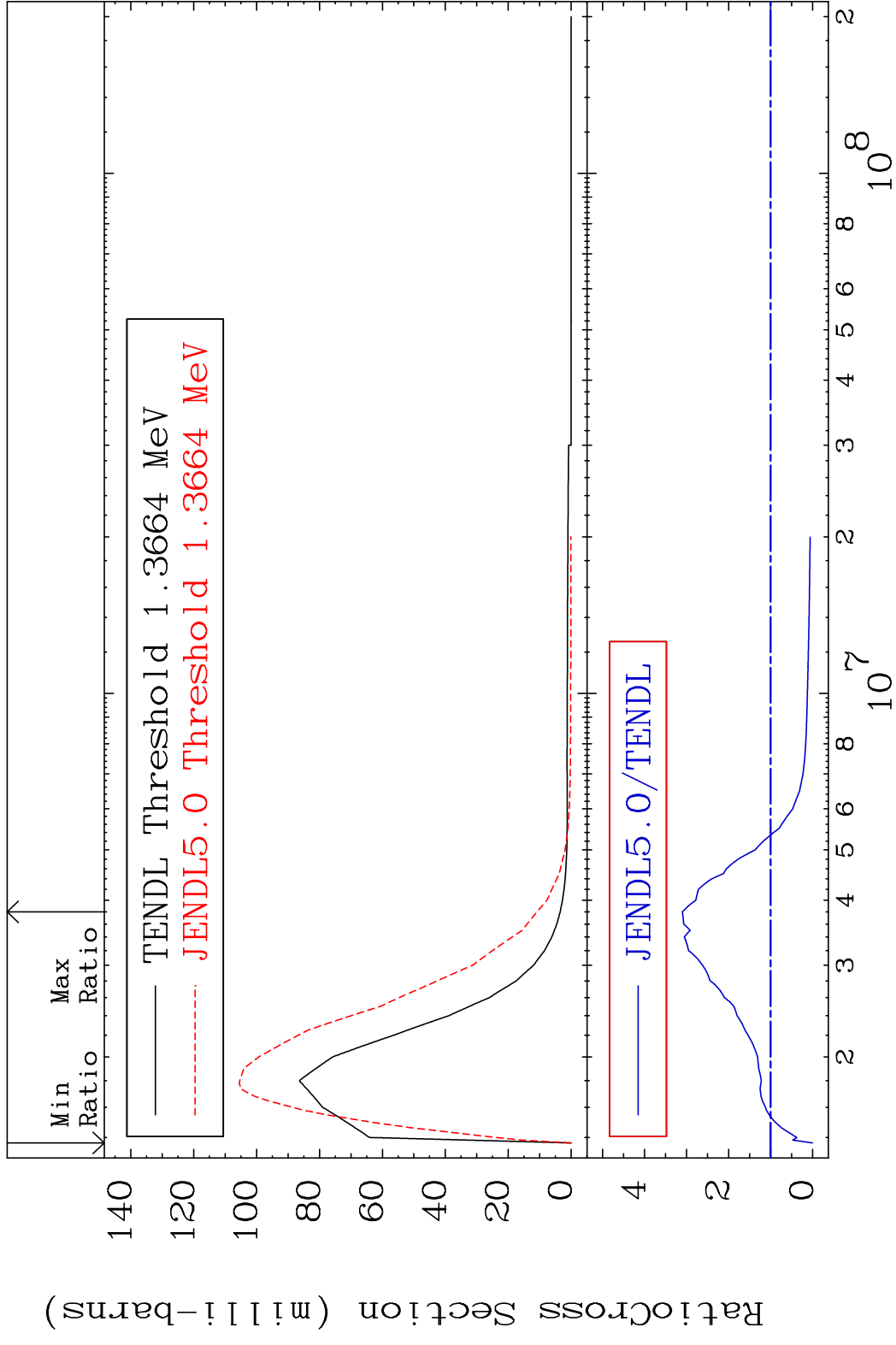
MAT 6643 MT= 62 (n, n') Level 66-Dy-162
 Cross Section -100.0 To 9999. %



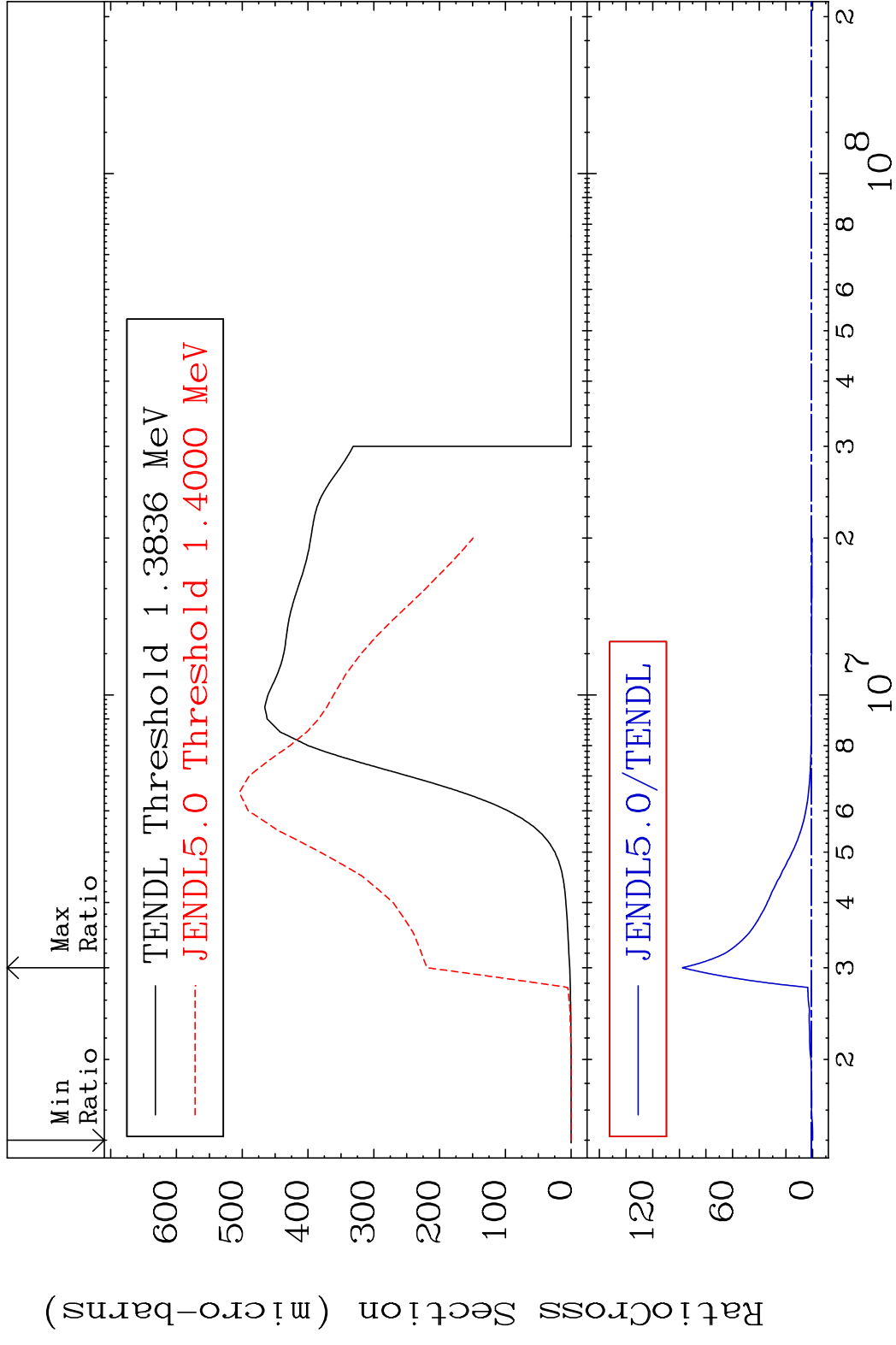
MAT 6643 MT= 63 (n, n') Level 66-Dy-162
 Cross Section -90.22 To 107.6 %



MAT 6643 MT= 64 (n, n') Level 66-Dy-162
 Cross Section -100.0 To 210.1 %



MAT 6643 MT= 65 (n, n') Level 66-Dy-162
 Cross Section -100.0 To 9673. %

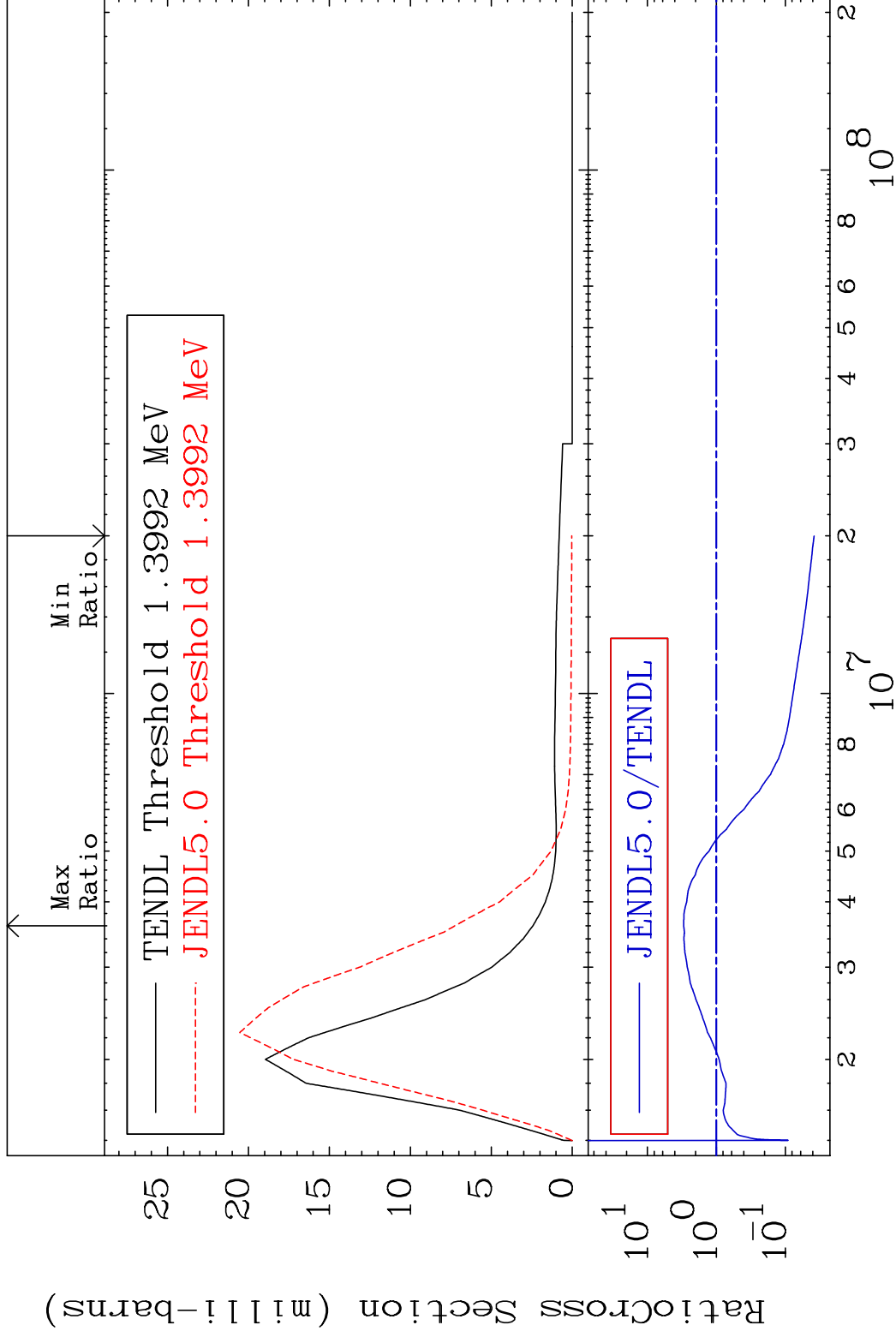


MAT 6643

MT= 66 (n, n') Level

66-Dy-162

Cross Section -96.18 To 198.1 %

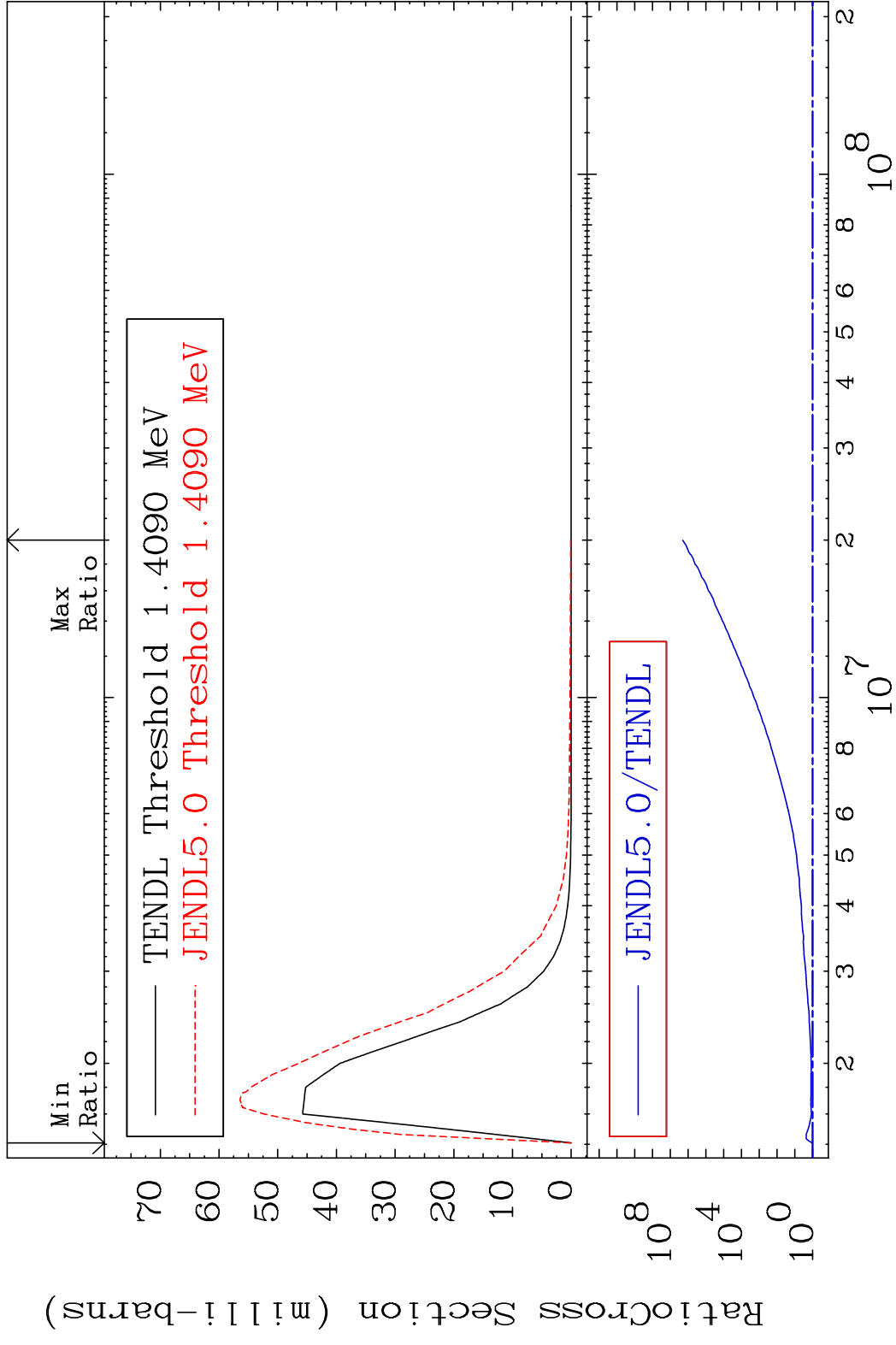


25

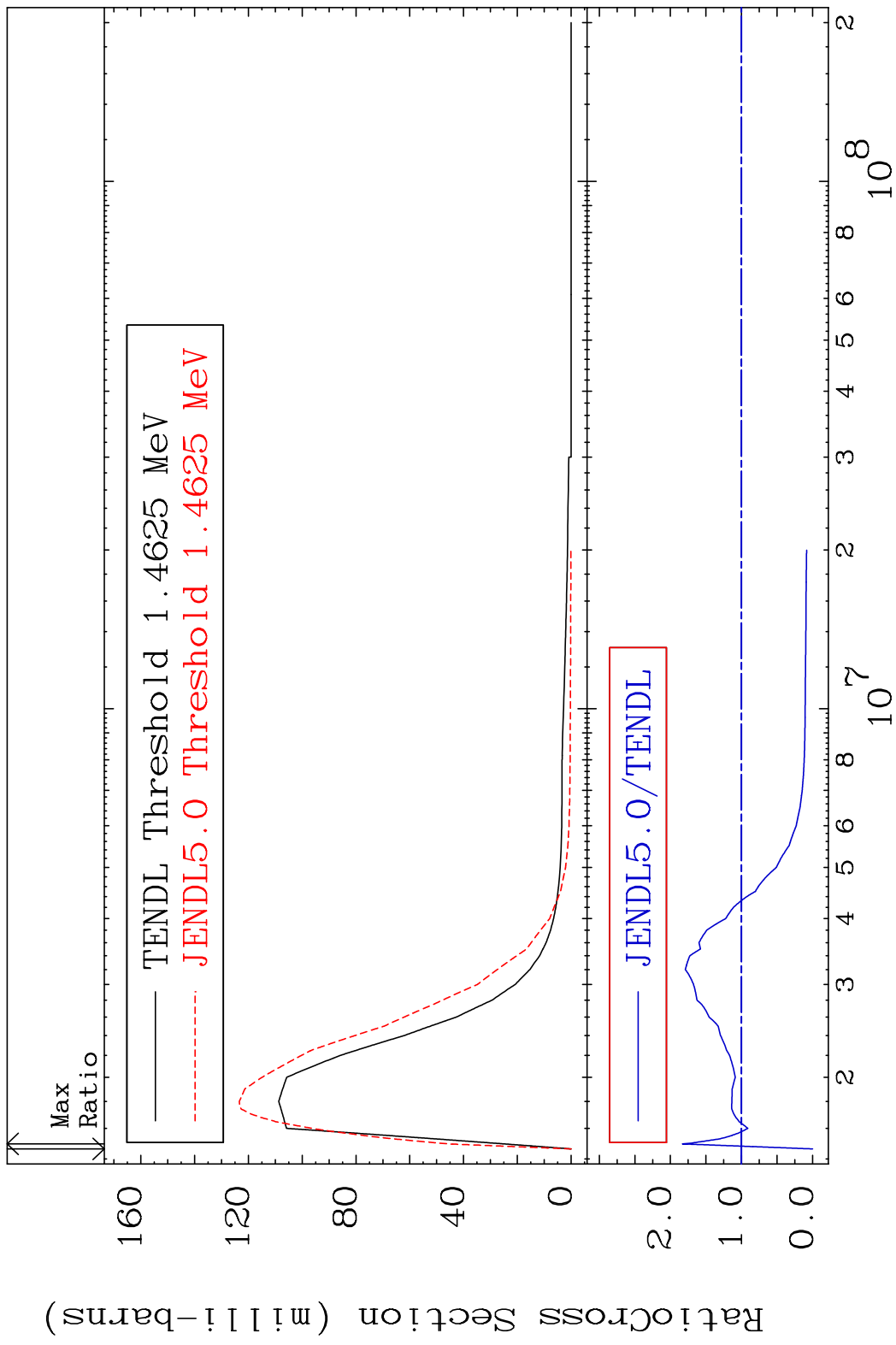
Incident Energy (eV)

66-Dy-162

MAT 6643 MT= 67 (n, n') Level 66-Dy-162
 Cross Section 0.000 To 9999. %



MAT 6643 MT= 68 (n, n') Level 66-Dy-162
 Cross Section -100.0 To 83.20 %

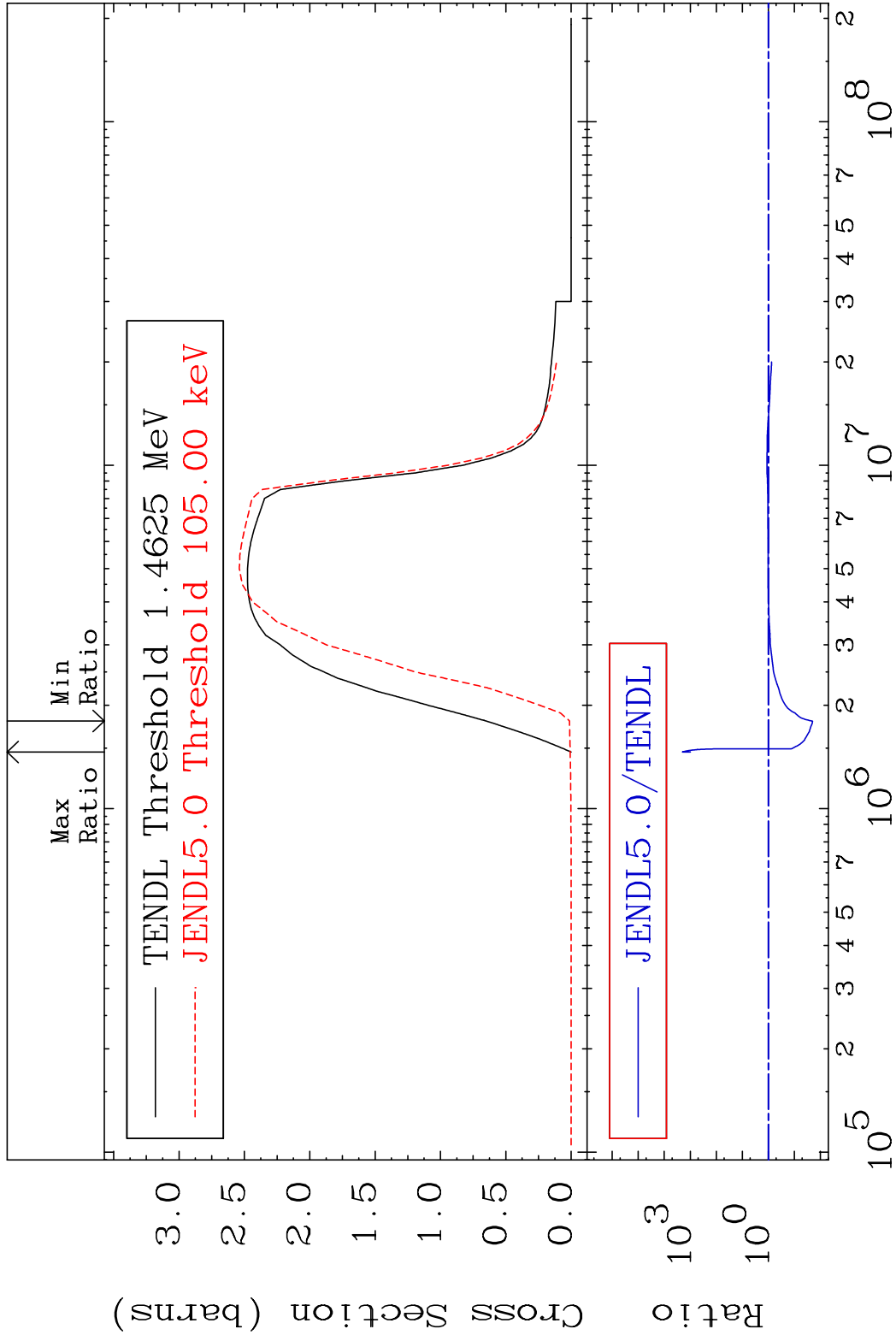


MAT 6643

(n, n') Continuum

66-Dy-162

Cross Section -98.00 To 9999. %



28

Incident Energy (eV)

66-Dy-162

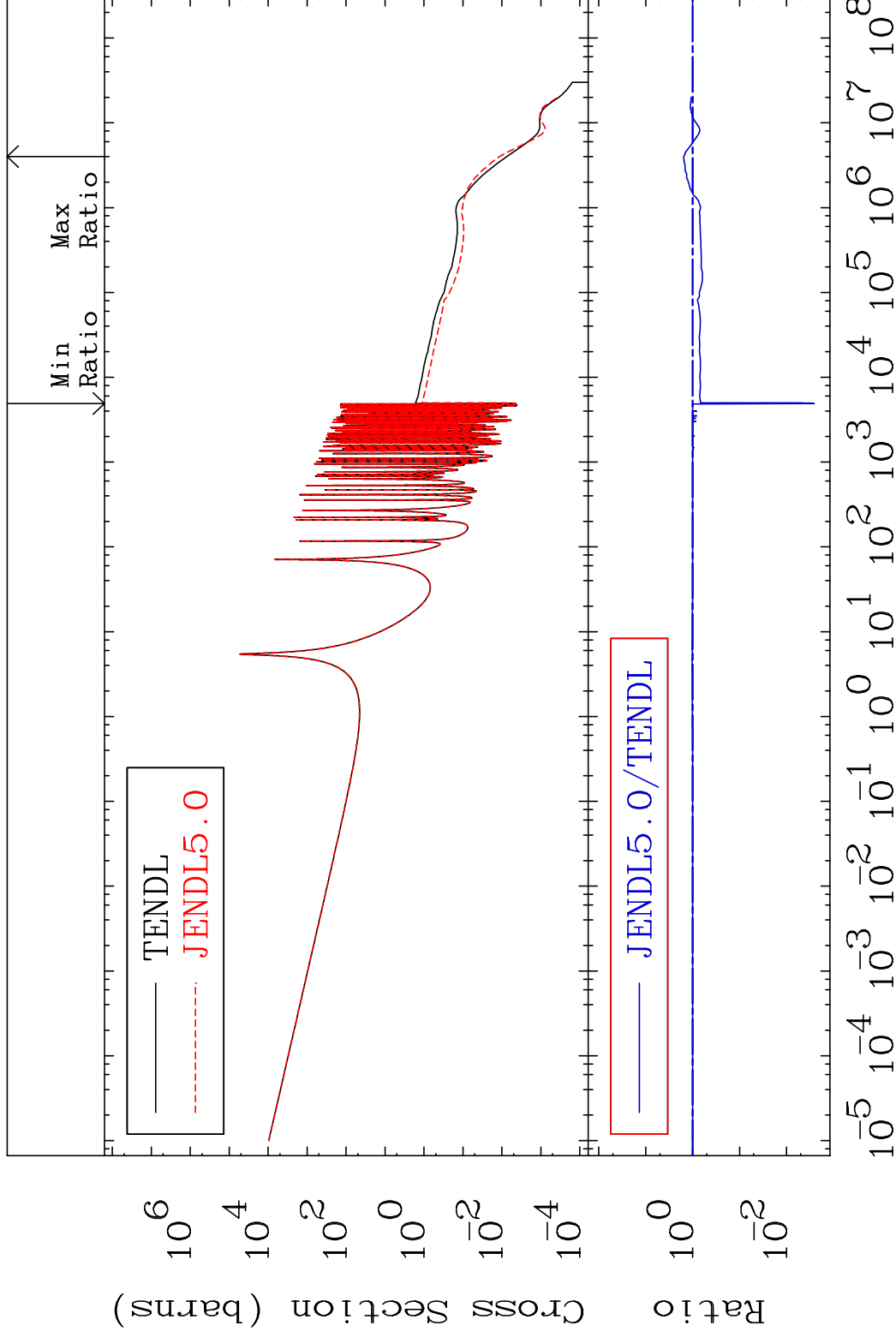
MAT 6643

(n, γ)

66-Dy-162

Cross Section

-99.74 To 55.45 %



29

Incident Energy (eV)

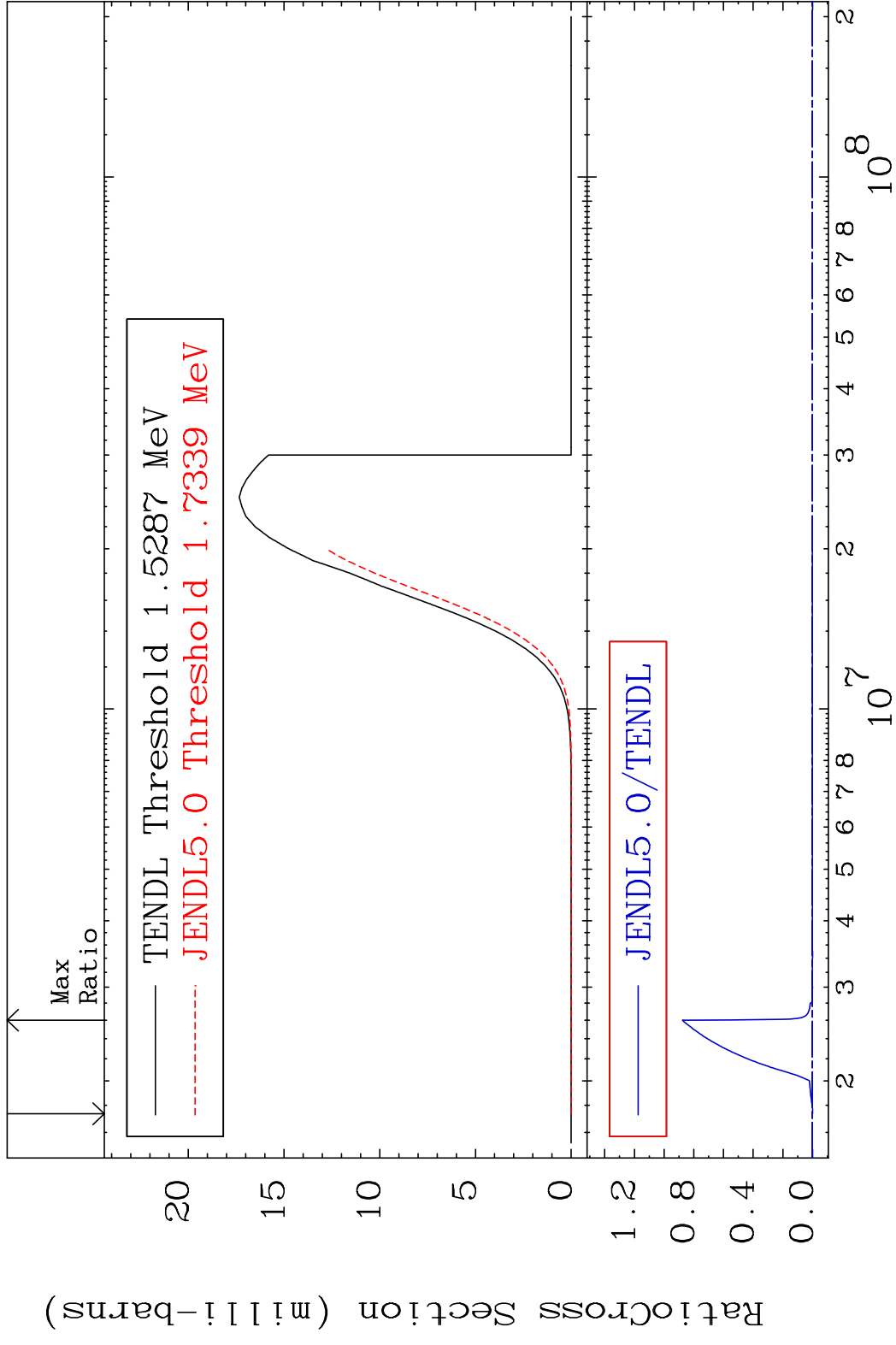
66-Dy-162

MAT 6643

(n,p)

66-Dy-162

Cross Section -100.0 To 9999. %

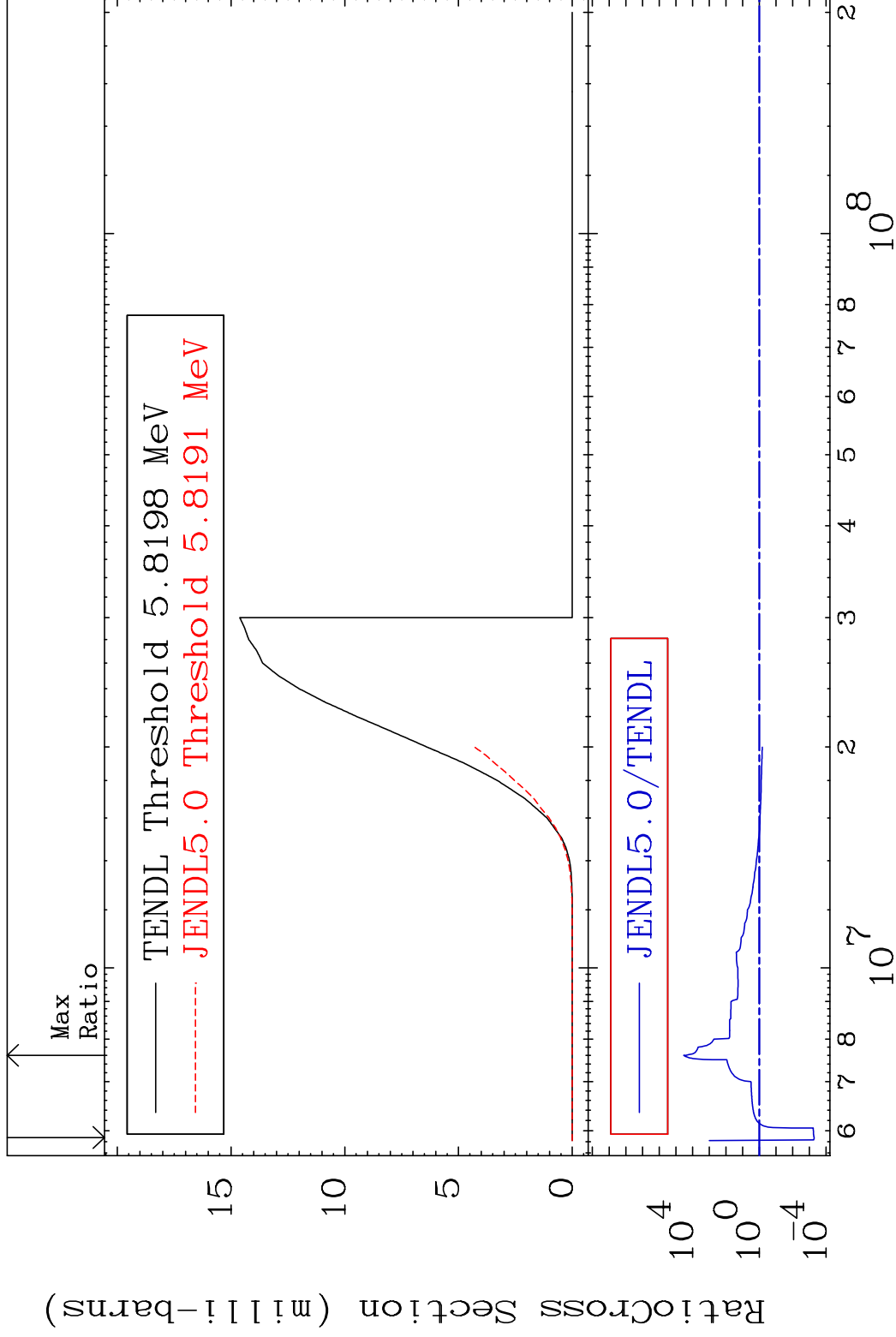


MAT 6643

(n, d)

66-Dy-162

Cross Section -99.95 To 9999. %



31

Incident Energy (eV)

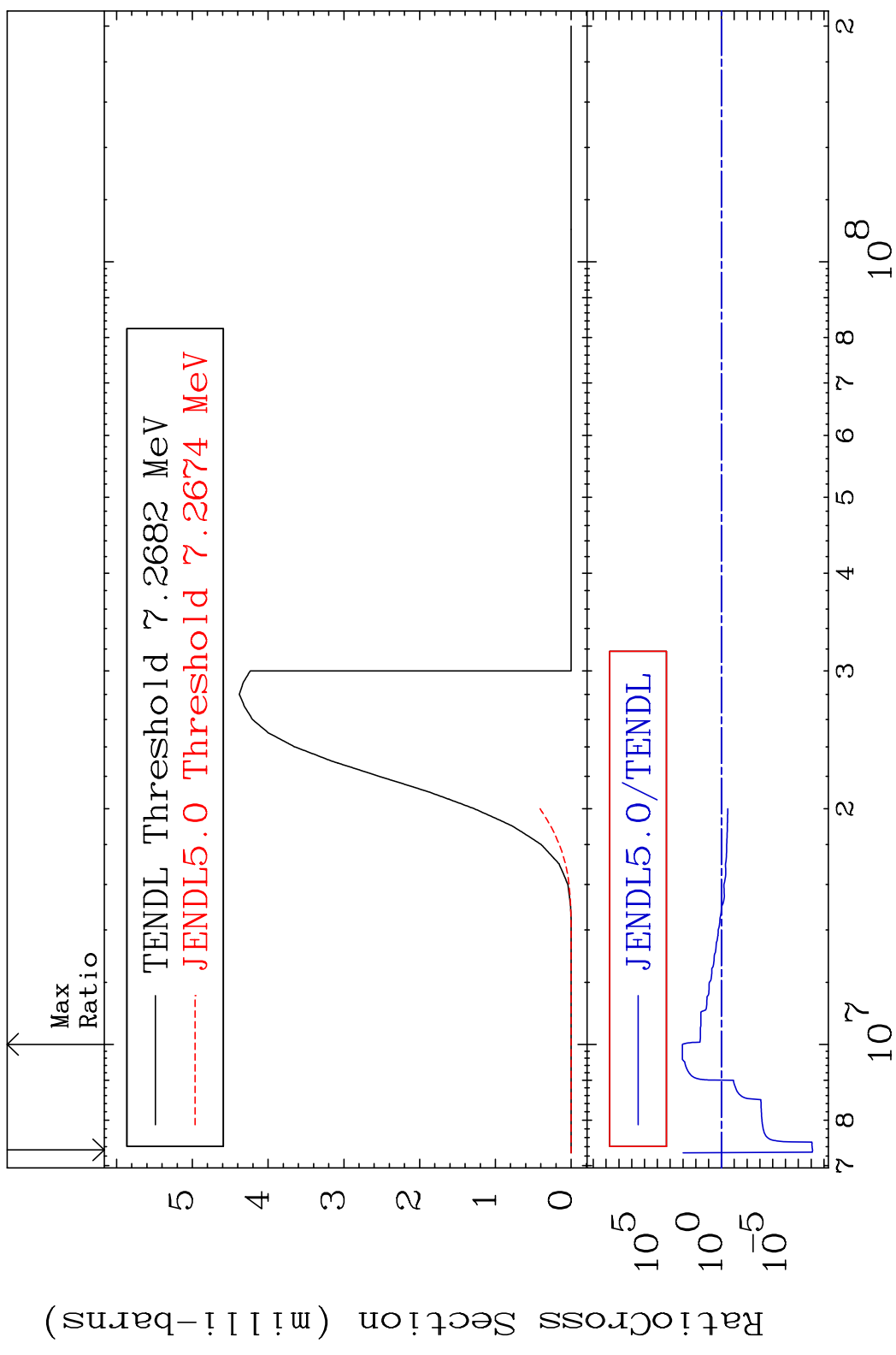
66-Dy-162

MAT 6643

(n, t)

66-Dy-162

Cross Section -100.0 To 9999. %

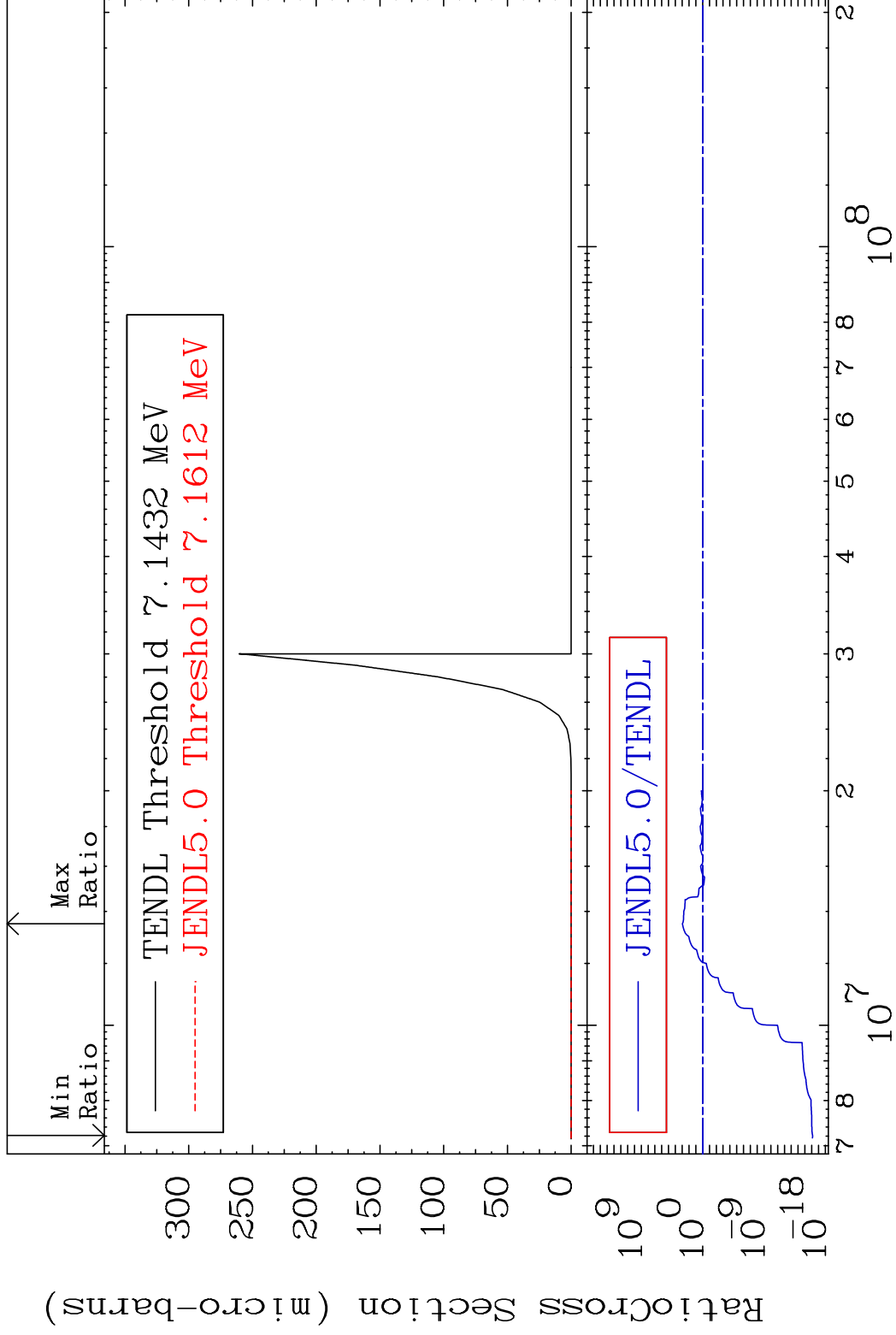


MAT 6643

(n, He-3)

66-Dy-162

Cross Section -100.0 To 9999. %



33

Incident Energy (eV)

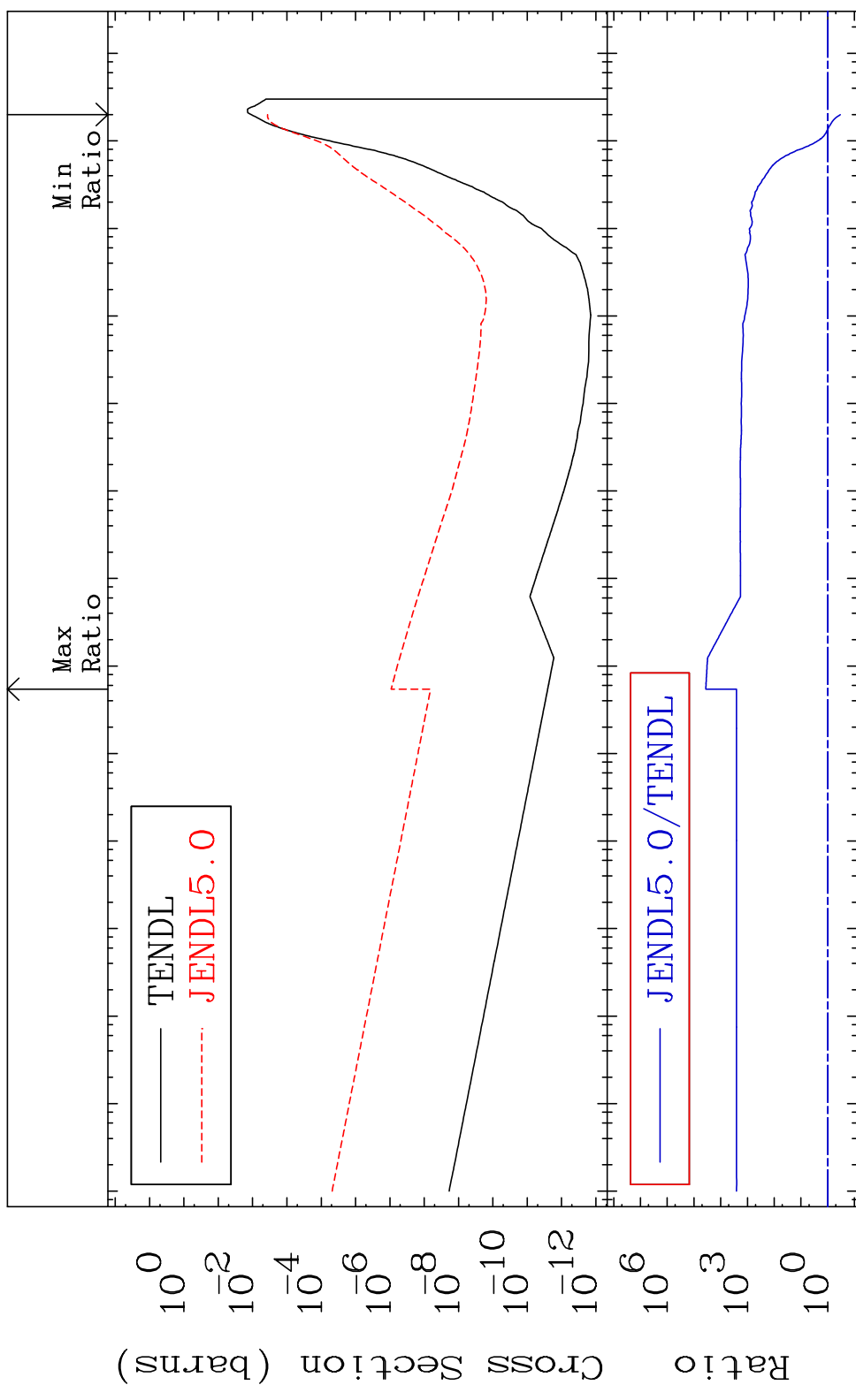
66-Dy-162

MAT 6643

(n, α)

66-Dy-162

Cross Section -66.59 To 9999. %

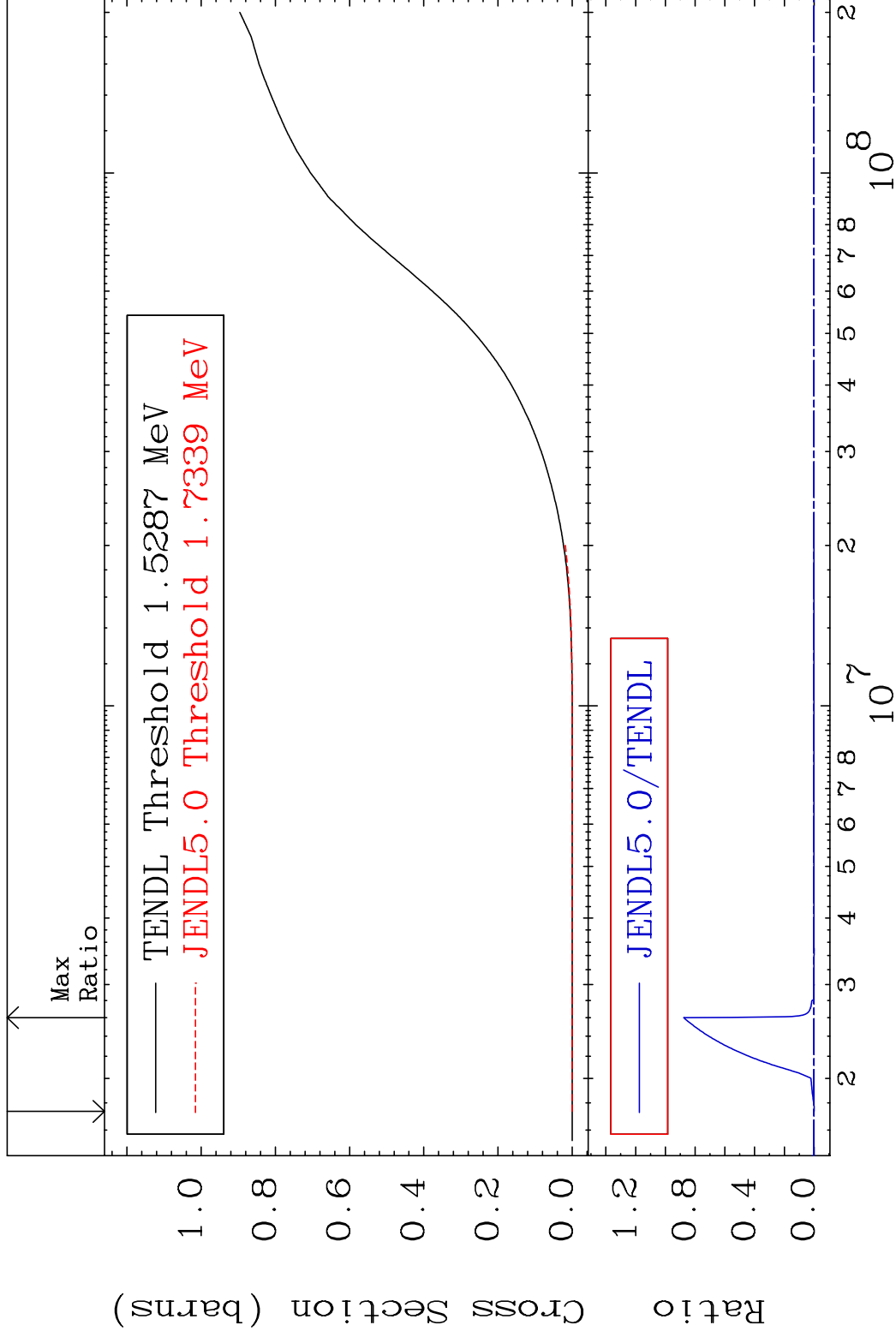


MAT 6643

Hydrogen Production

66-Dy-162

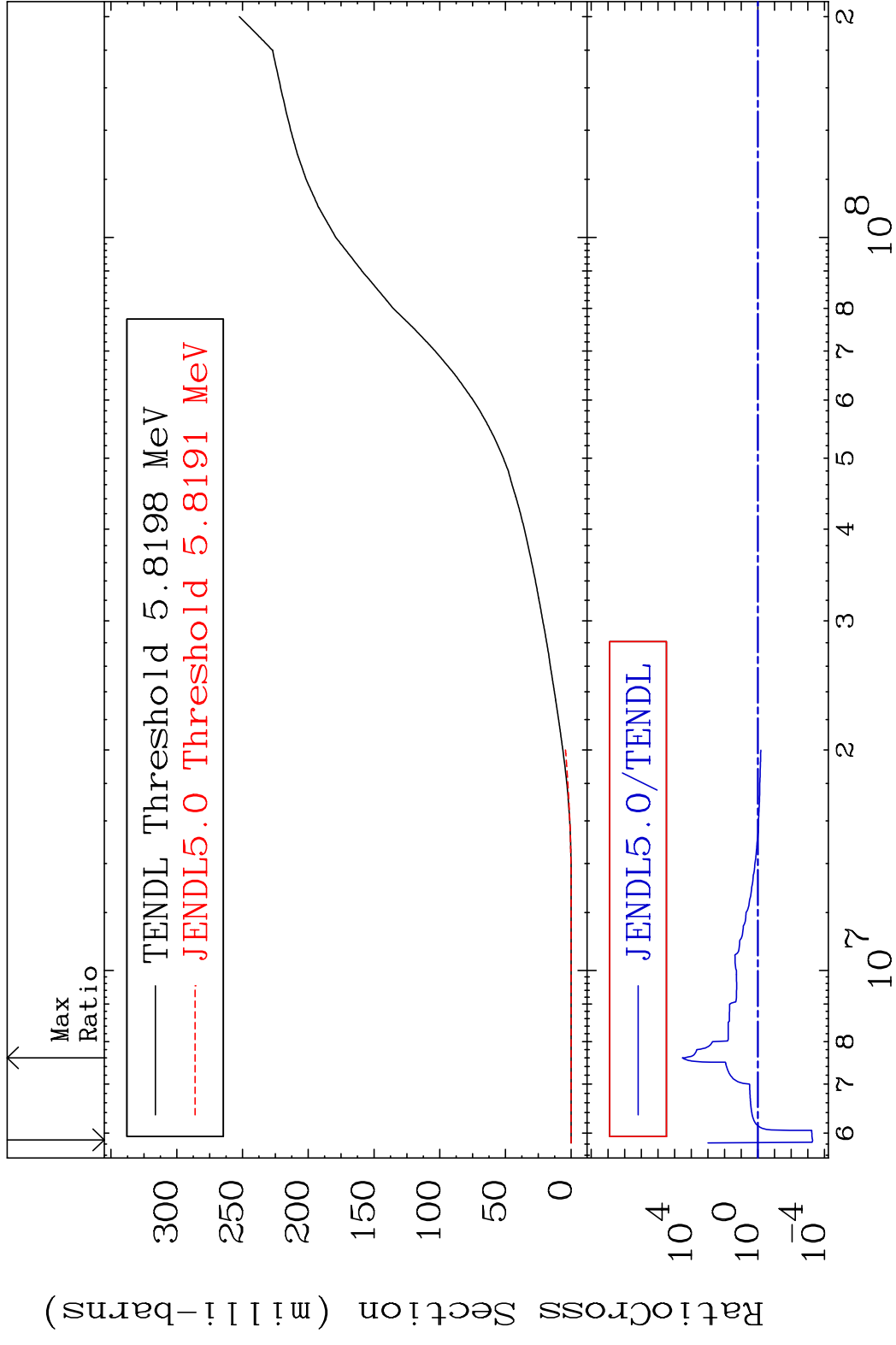
Cross Section -100.0 To 9999. %



35

Incident Energy (eV)

66-Dy-162

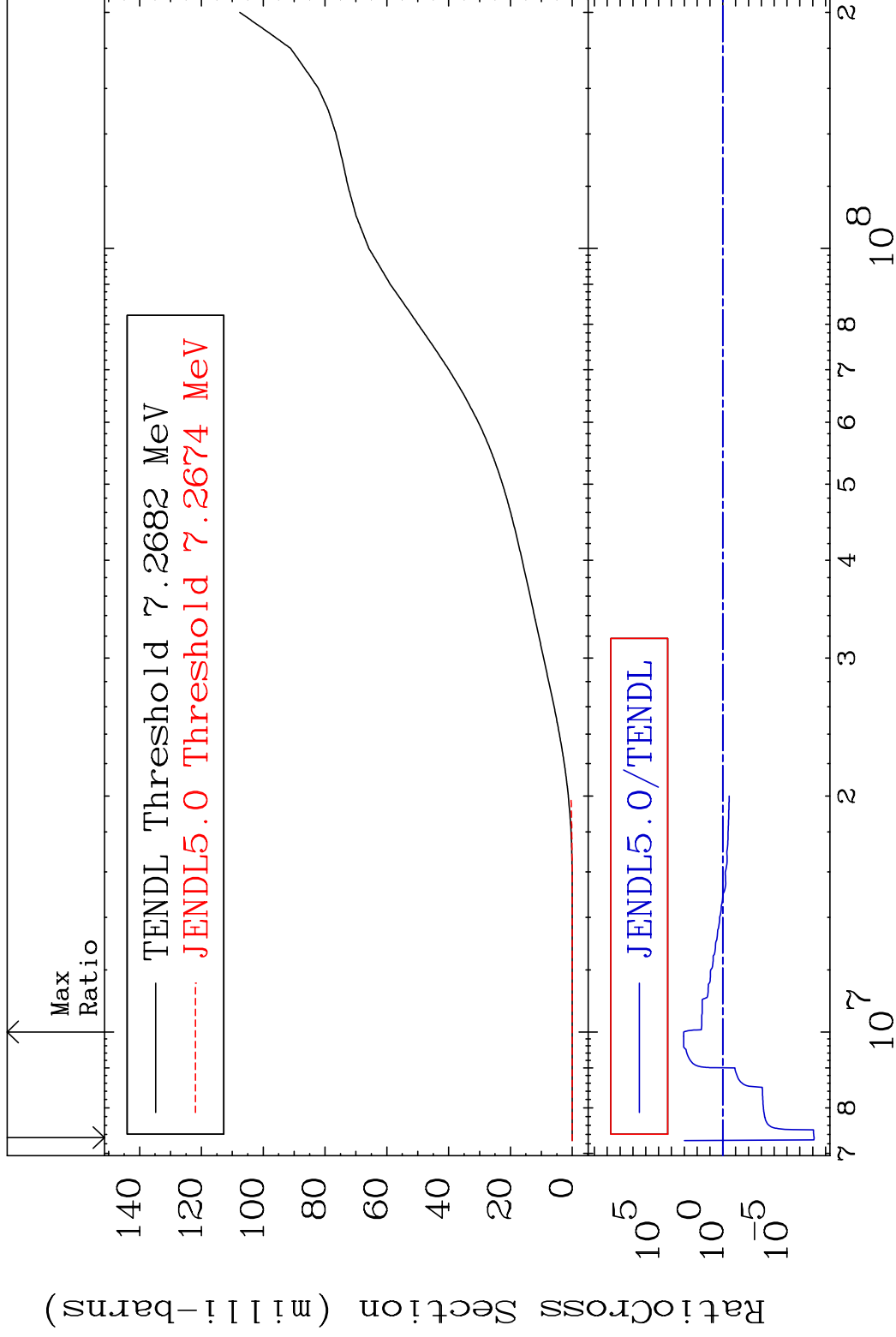


MAT 6643

Tritium Production

66-Dy-162

Cross Section -100.0 To 9999. %

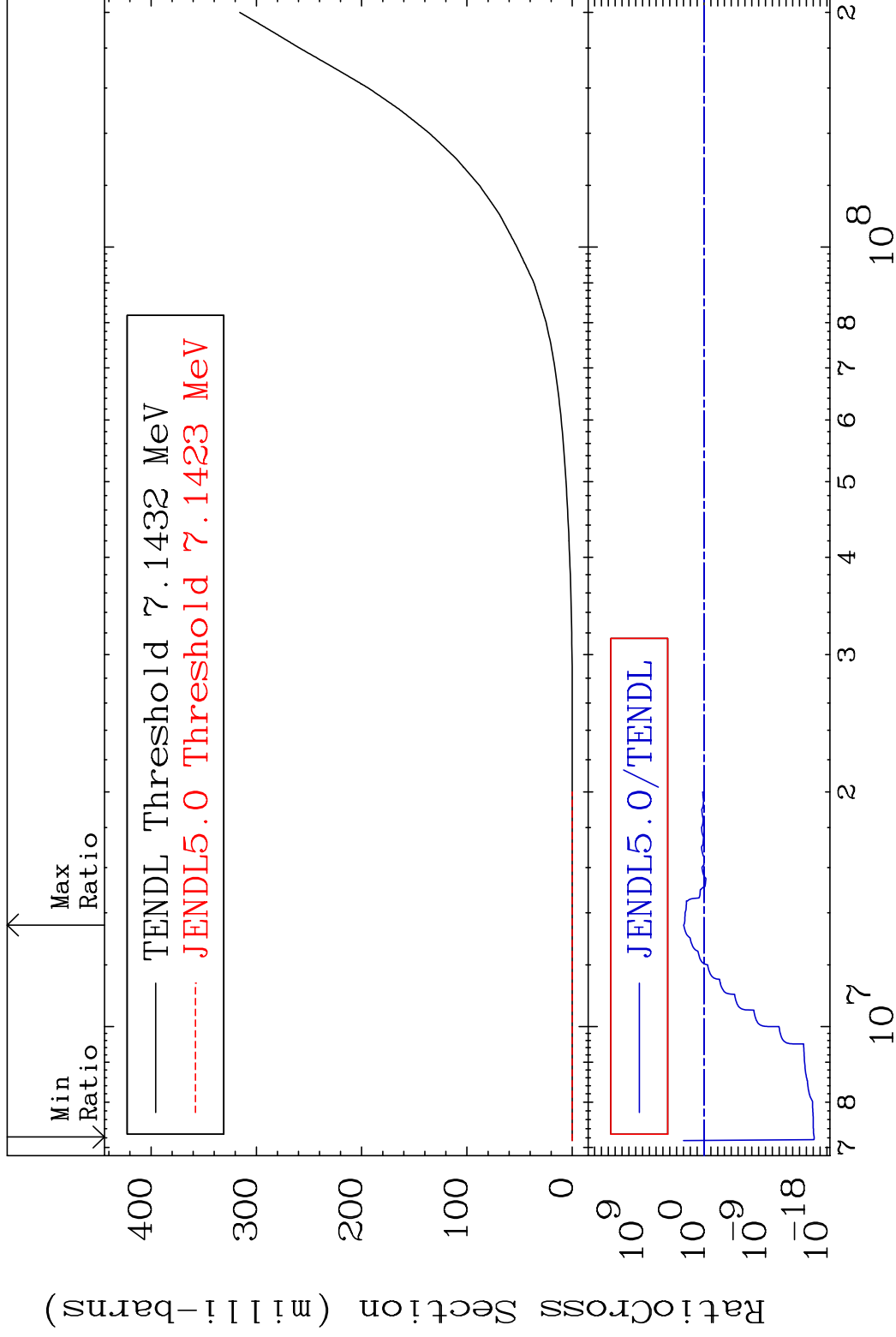


MAT 6643

He-3 Production

66-Dy-162

Cross Section -100.0 To 9999. %



38

Incident Energy (eV)

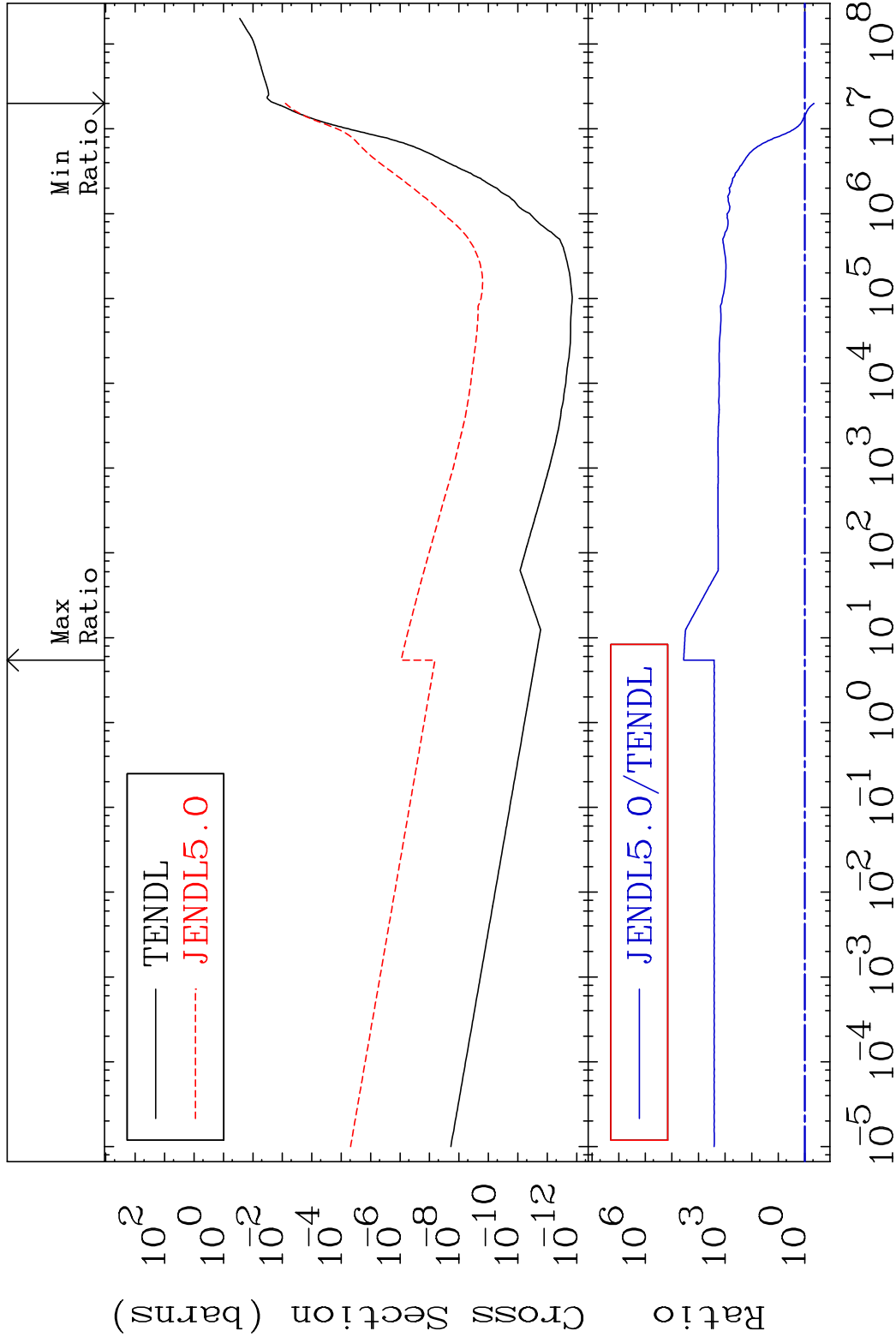
66-Dy-162

MAT 6643

He-4 Production

66-Dy-162

Cross Section -54.96 To 9999. %

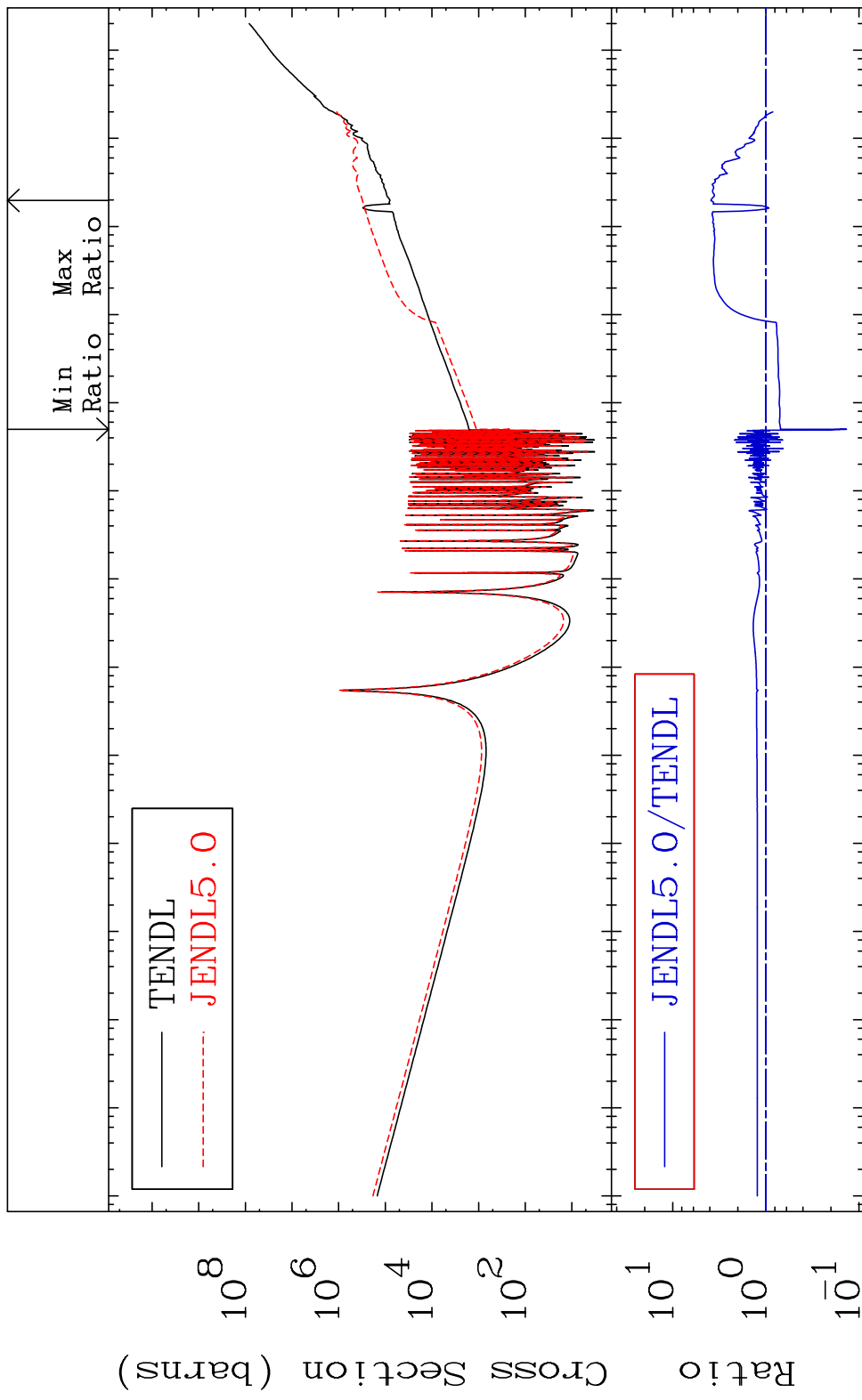


39

Incident Energy (eV)

66-Dy-162

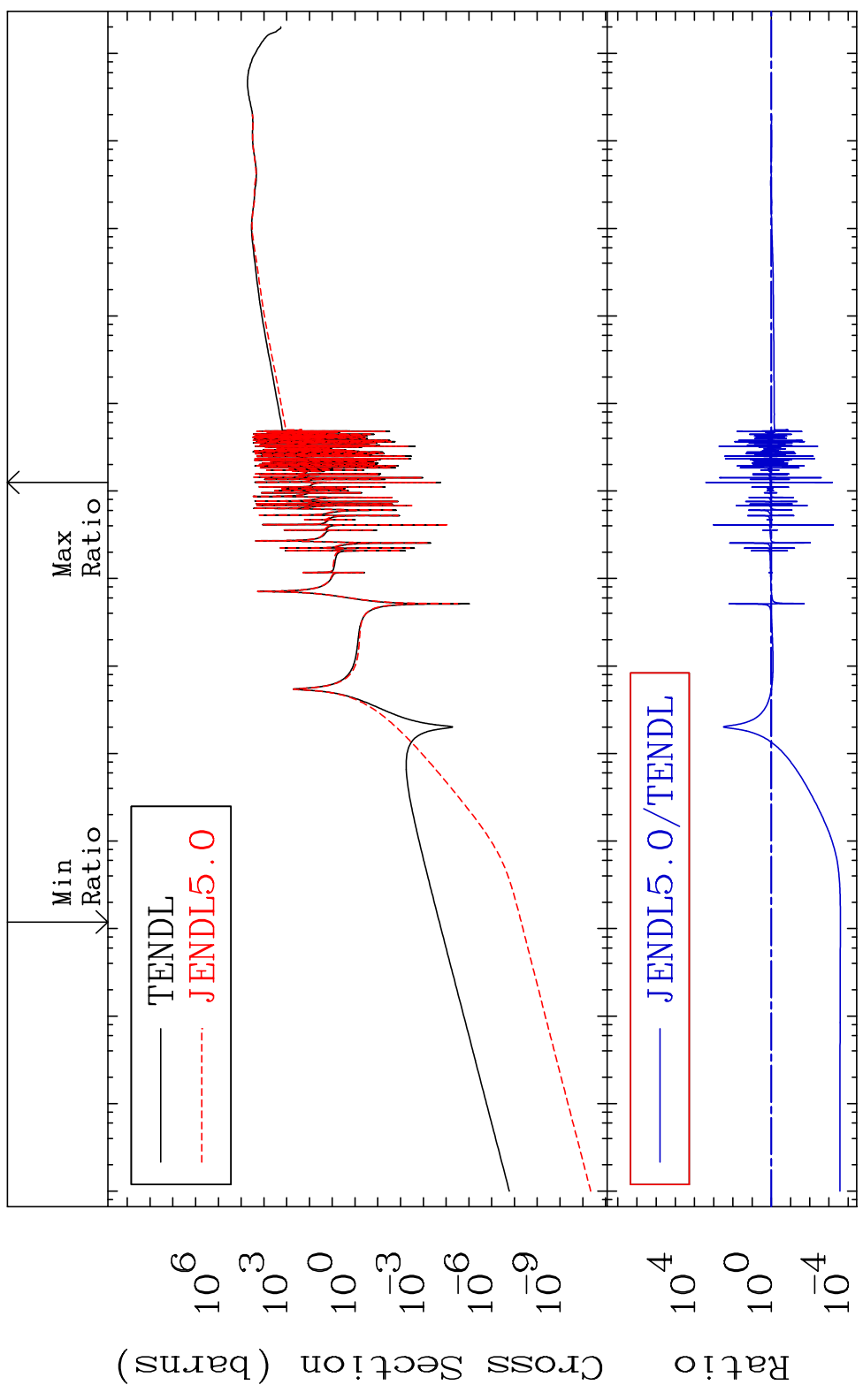
MAT 6643 Kerma total (eV-barns) 66-Dy-162
 Cross Section -86.33 To 290.5 %



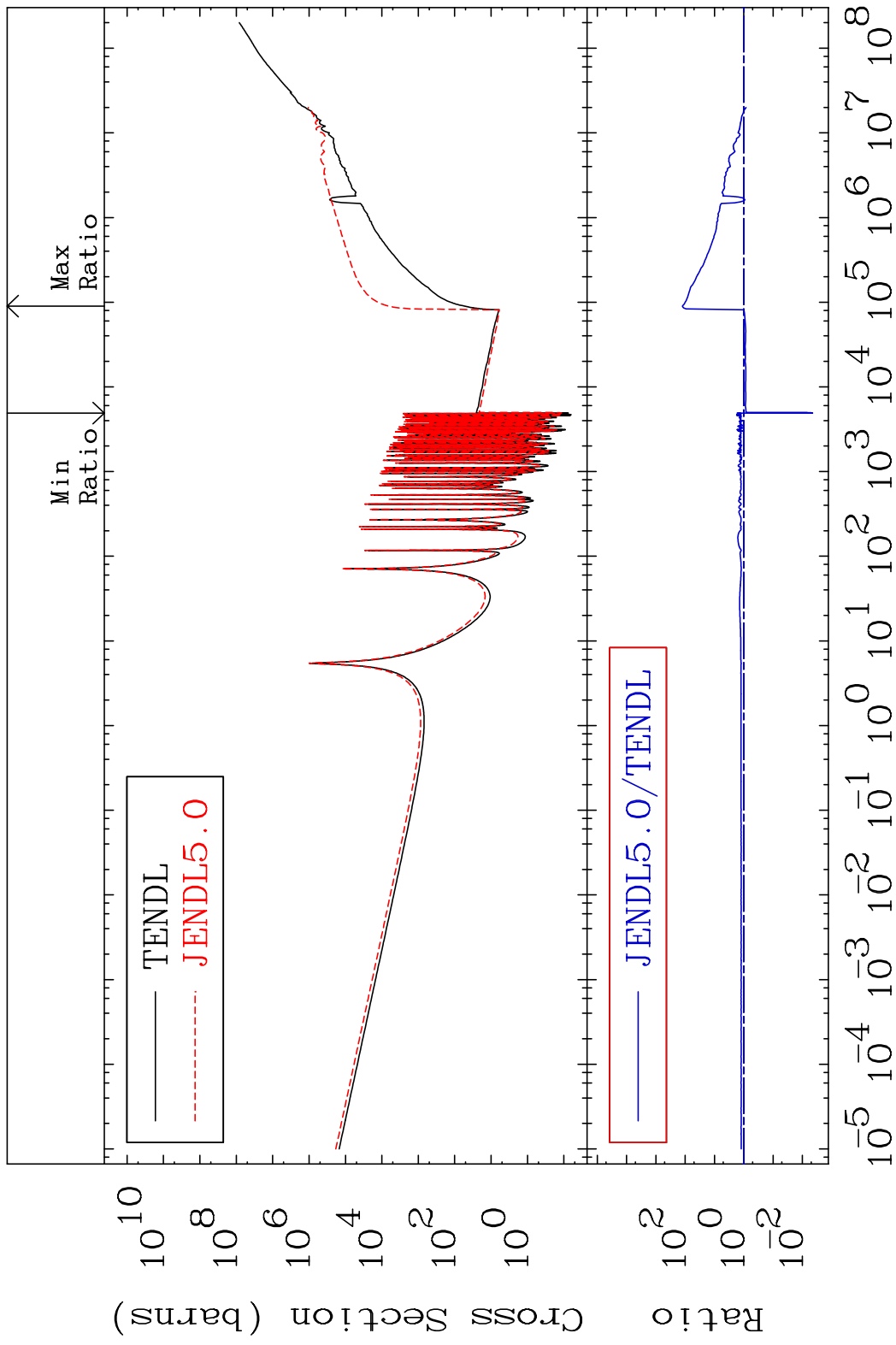
40 Incident Energy (eV) 66-Dy-162

MAT 6643

Kerma elastic Cross Section -99.97 To 9999. %
66-Dy-162

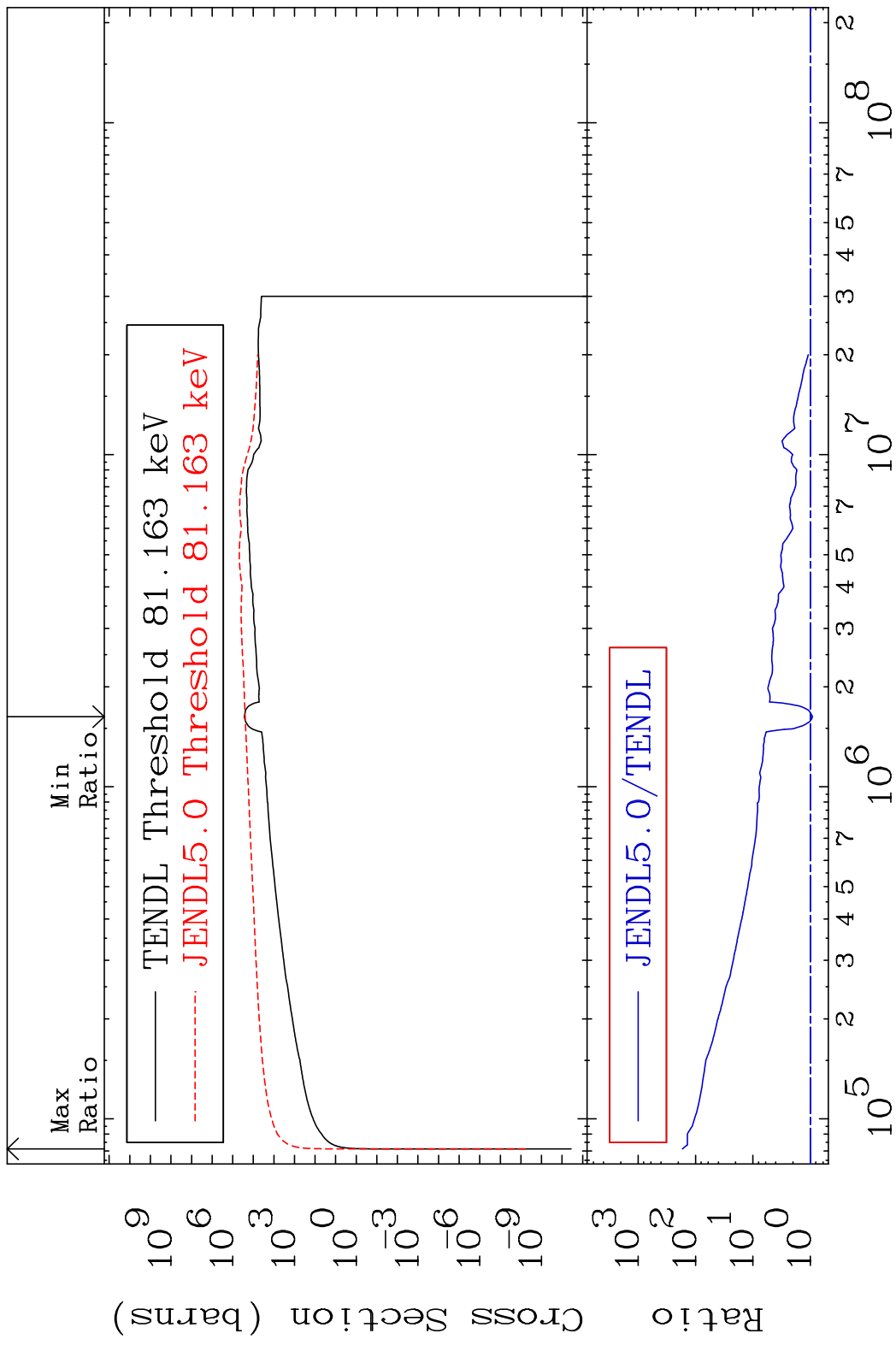


MAT 6643 Kerma non-elastic (all but mt2) 66-Dy-162
 Cross Section -99.55 To 9999. %



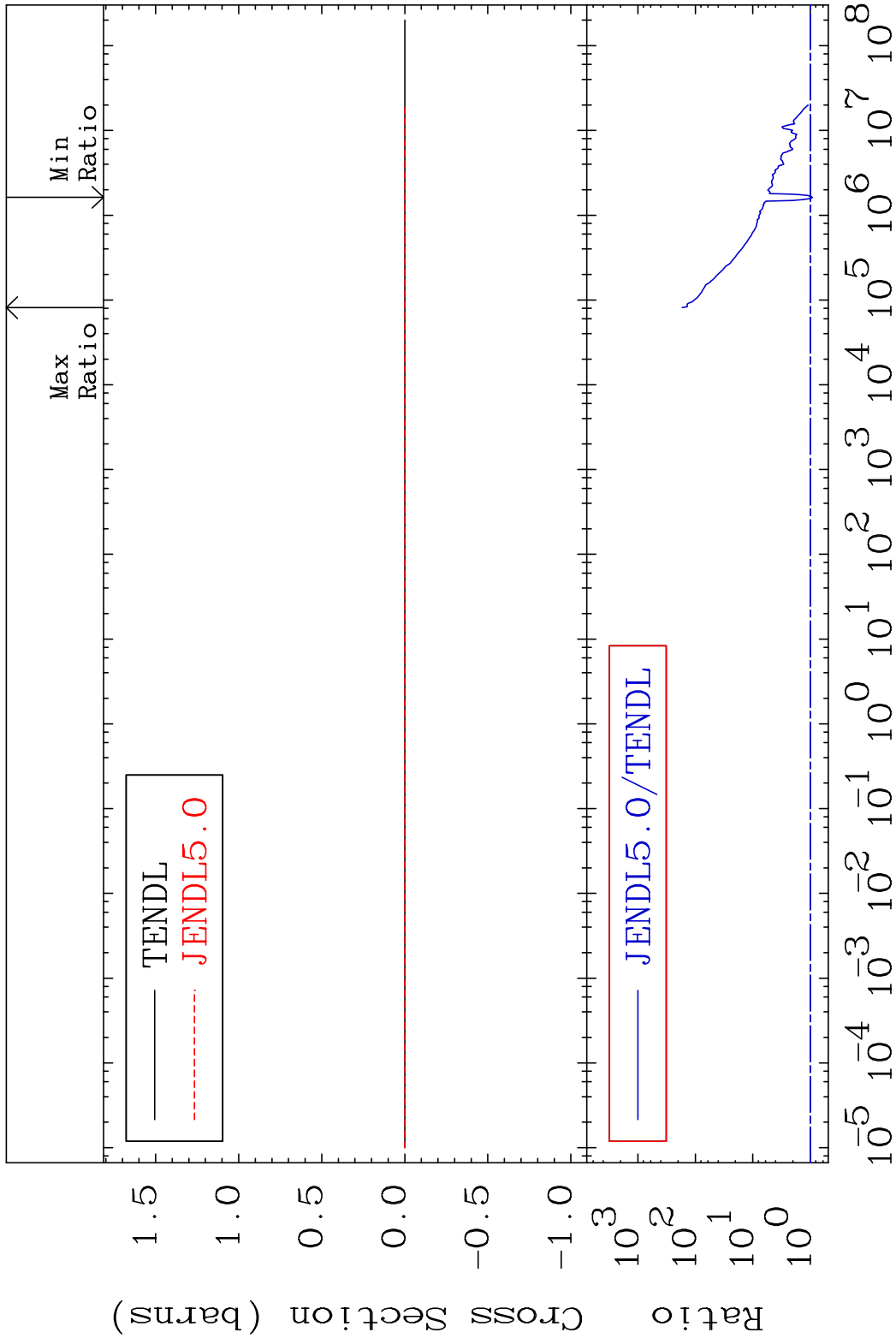
42 Incident Energy (eV) 66-Dy-162

MAT 6643 Kerma inelastic (mt51-91) 66-Dy-162
 Cross Section -8.657 To 9999. %



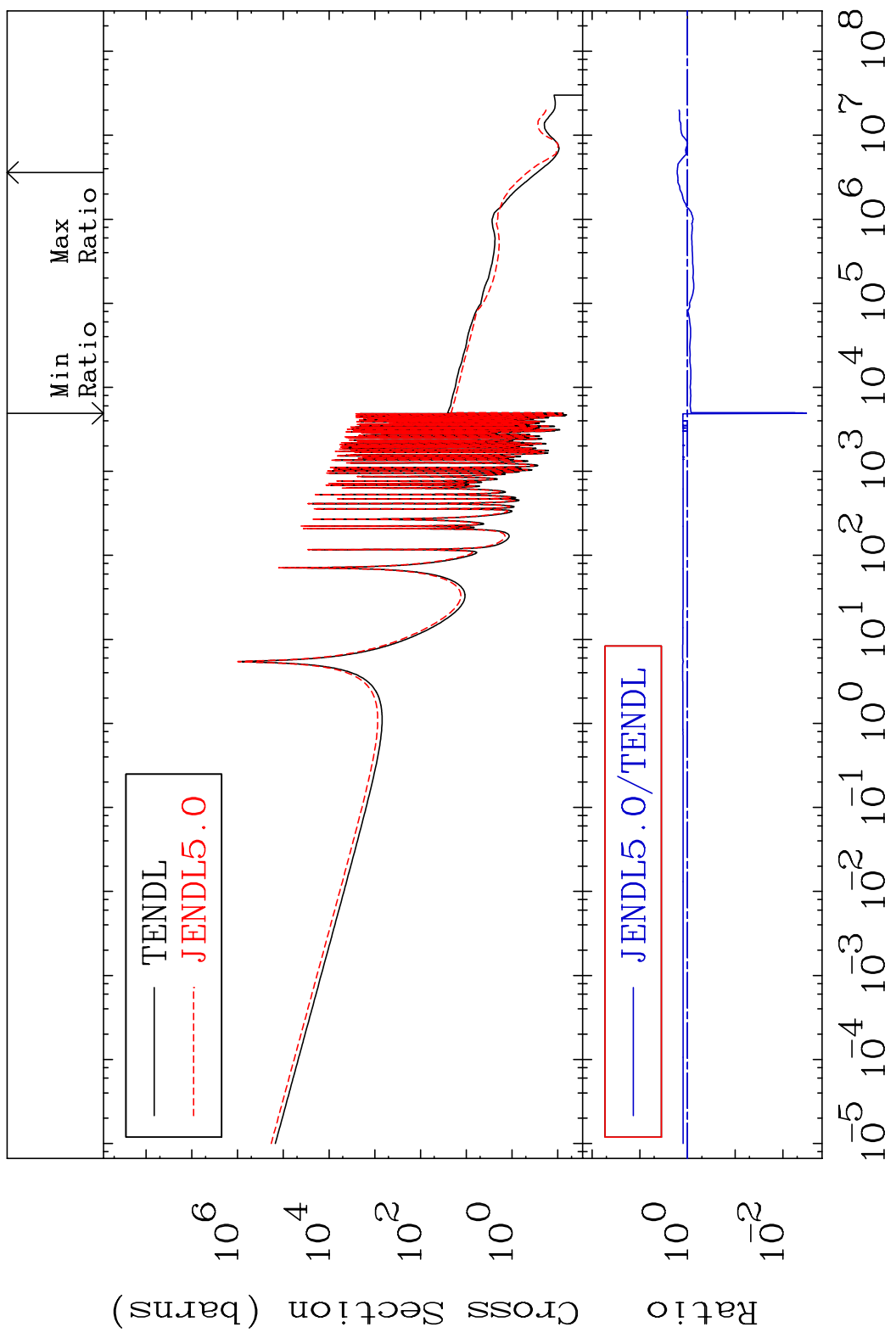
43 Incident Energy (eV) 66-Dy-162

MAT 6643 Kerma fission (mt18 or mt19-20-21-38) 66-Dy-162
 Cross Section -8.657 To 9999. %



MAT 6643

Kerma capture (mt102) 66-Dy-162
Cross Section -99.68 To 64.43 %



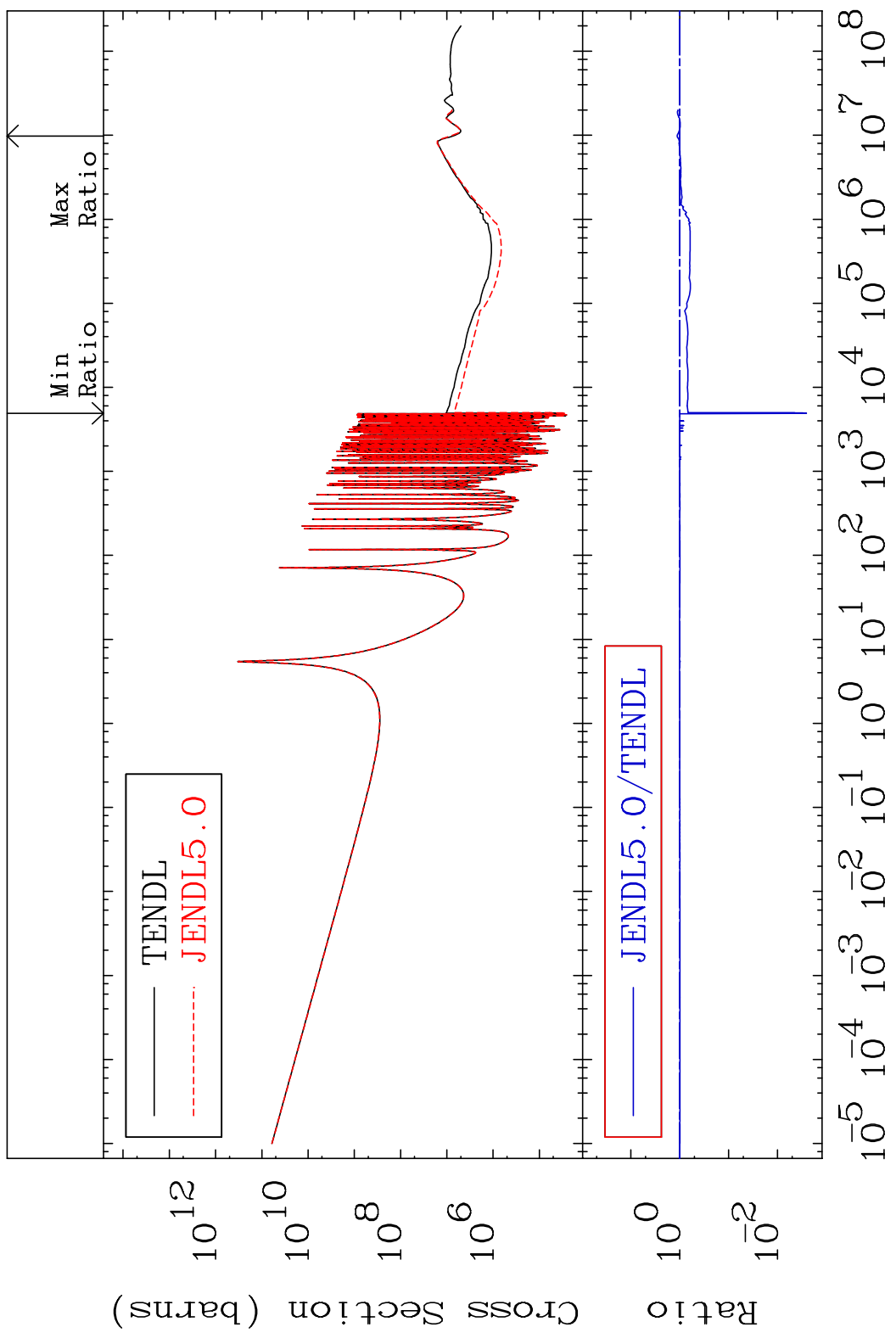
45

Incident Energy (eV)

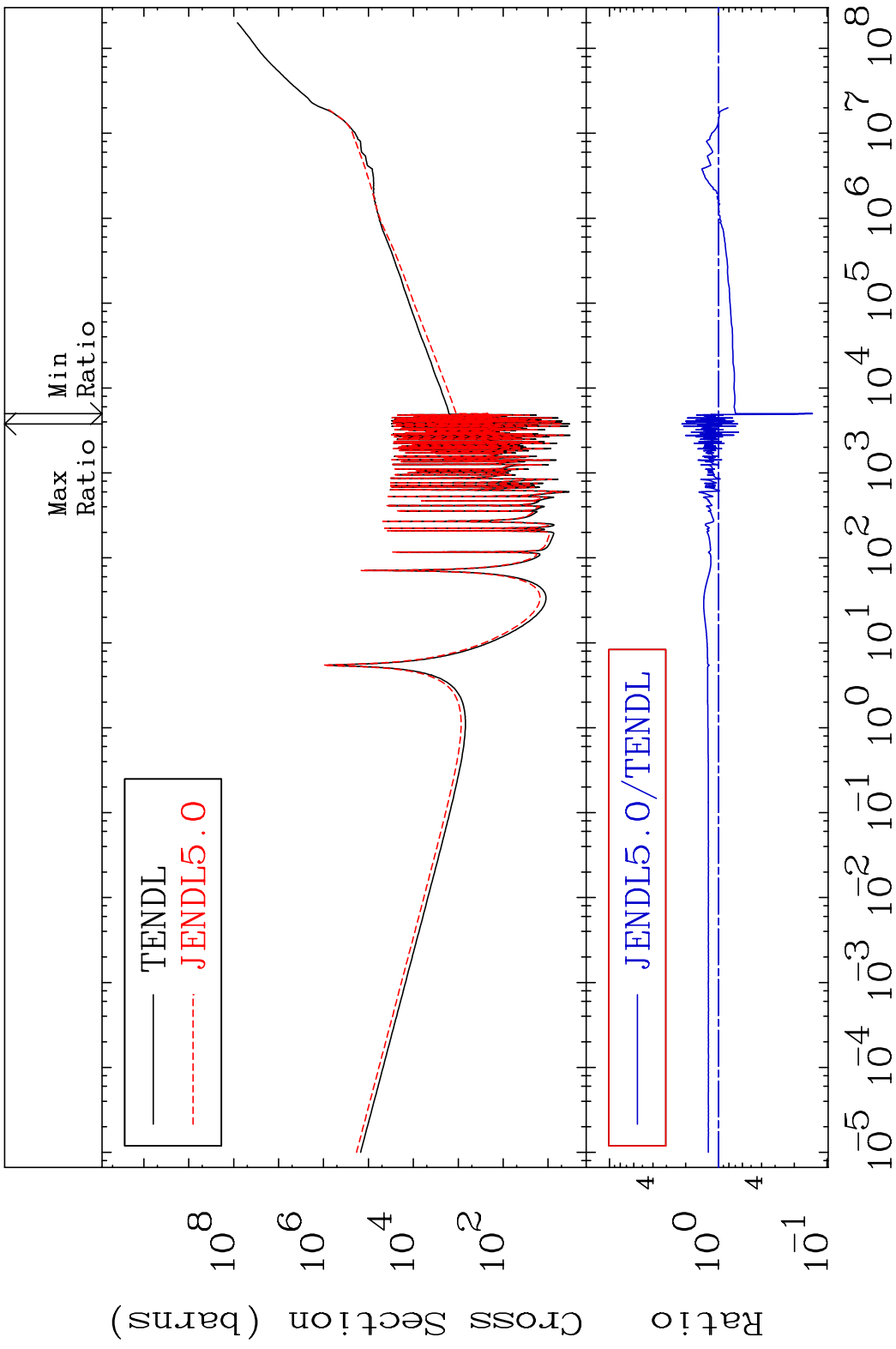
66-Dy-162

MAT 6643

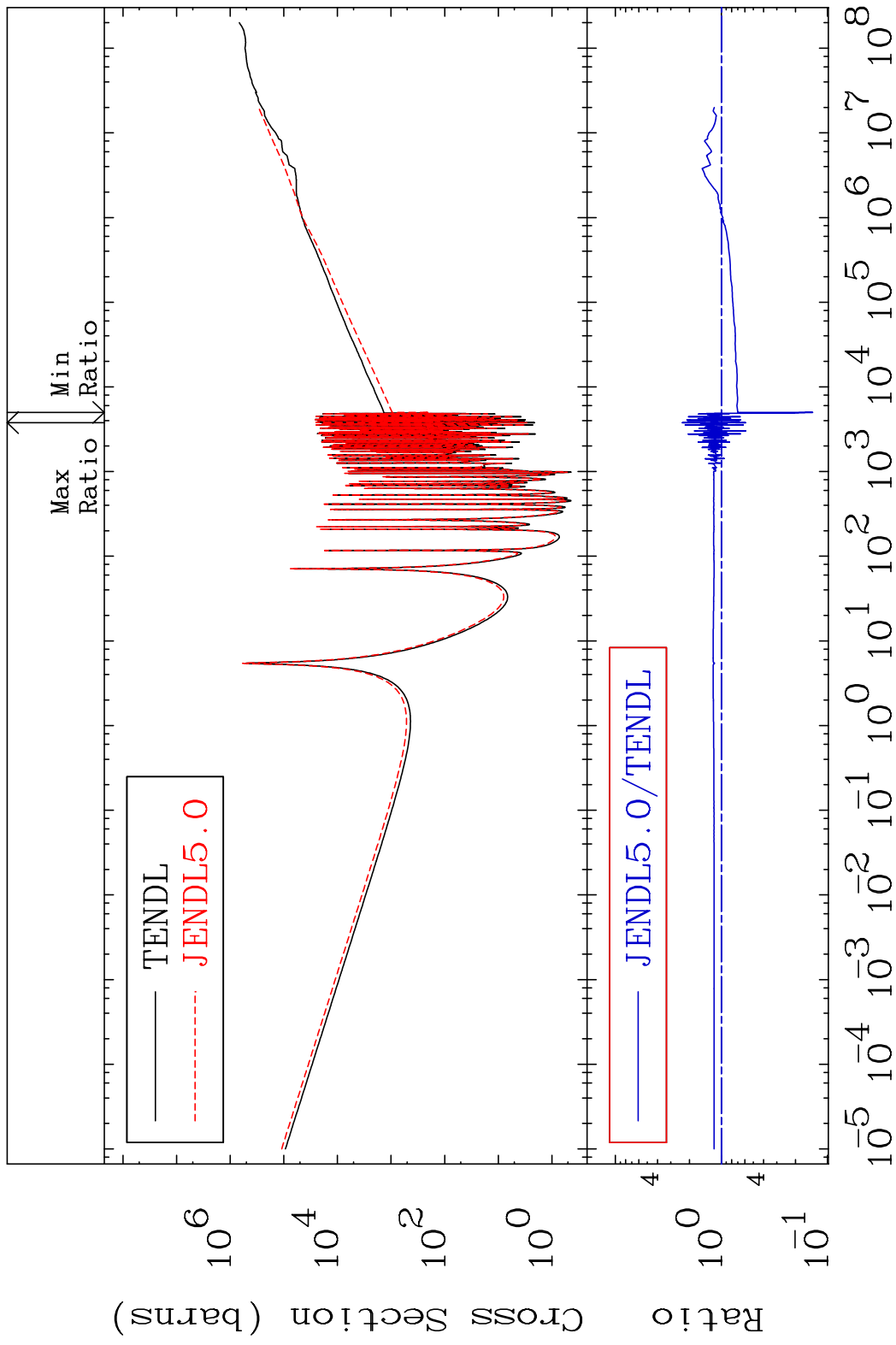
Total photon (eV-barns) 66-Dy-162
Cross Section -99.74 To 12.83 %



MAT 6643 Total kinematic kerma (high limit) 66-Dy-162
Cross Section -86.33 To 117.1 %



MAT 6643 Dpa total (eV-barns) 66-Dy-162
 Cross Section -86.19 To 133.6 %



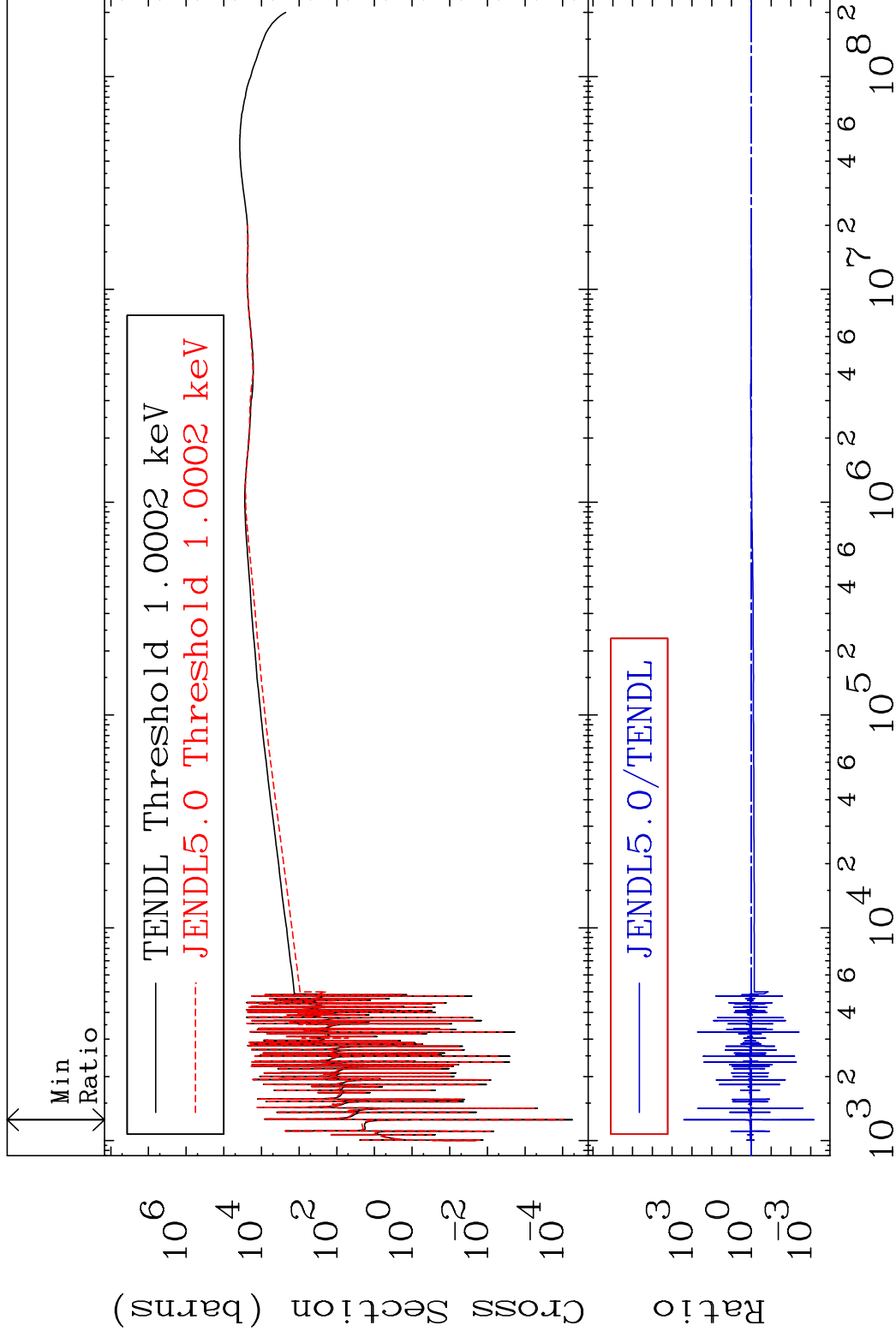
48 Incident Energy (eV) 66-Dy-162

MAT 6643

Dpa elastic (mt2)

66-Dy-162

Cross Section -99.93 To 9999. %

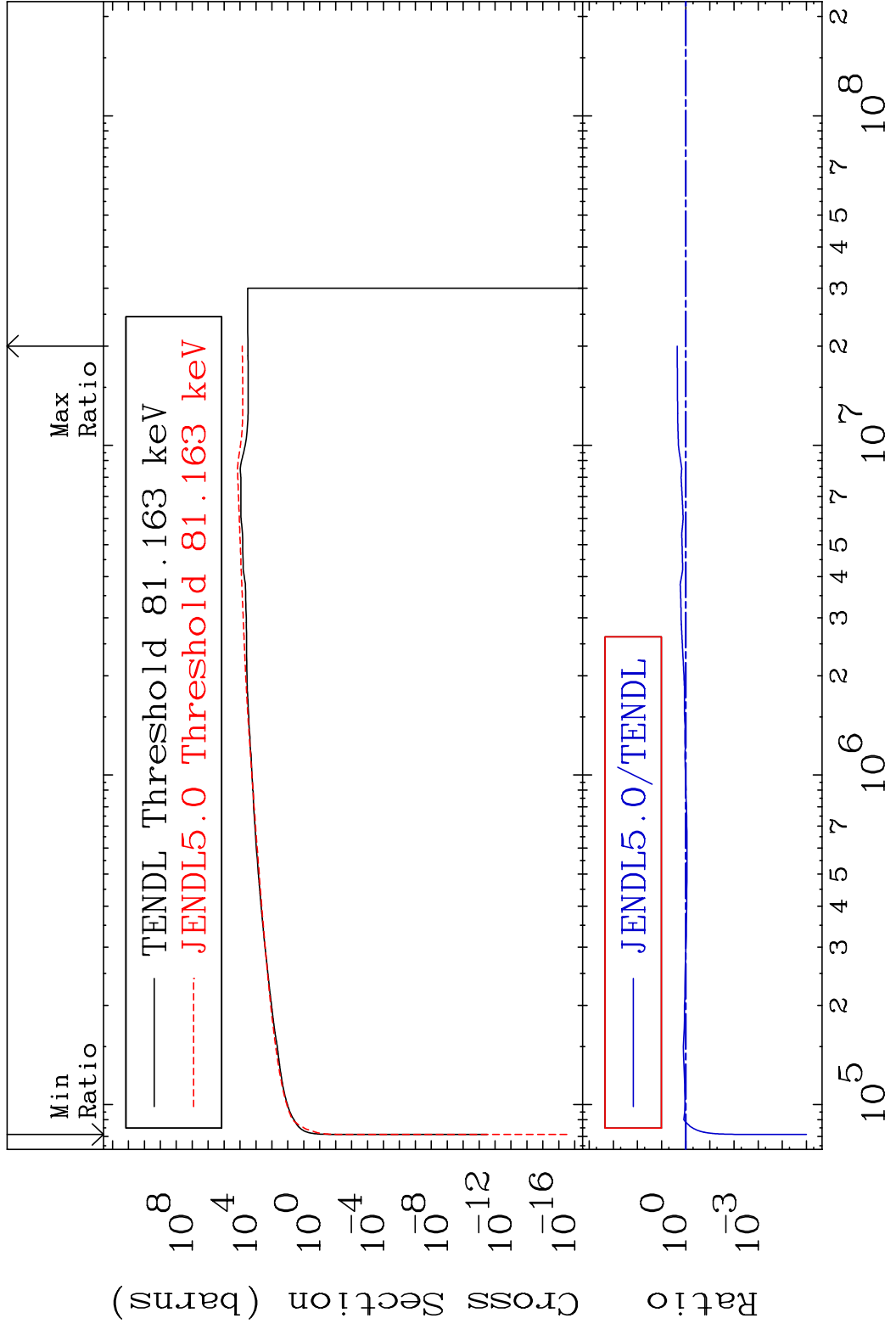


49

Incident Energy (eV)

66-Dy-162

MAT 6643 Dpa inelastic (mt51-91) 66-Dy-162
 Cross Section -100.0 To 126.1 %



50 Incident Energy (eV) 66-Dy-162

MAT 6643 Dpa disappearance (mt102 -120) 66-Dy-162
 Cross Section -99.69 To 2747. %

