

Program Complot
(Version 2018-1)

by

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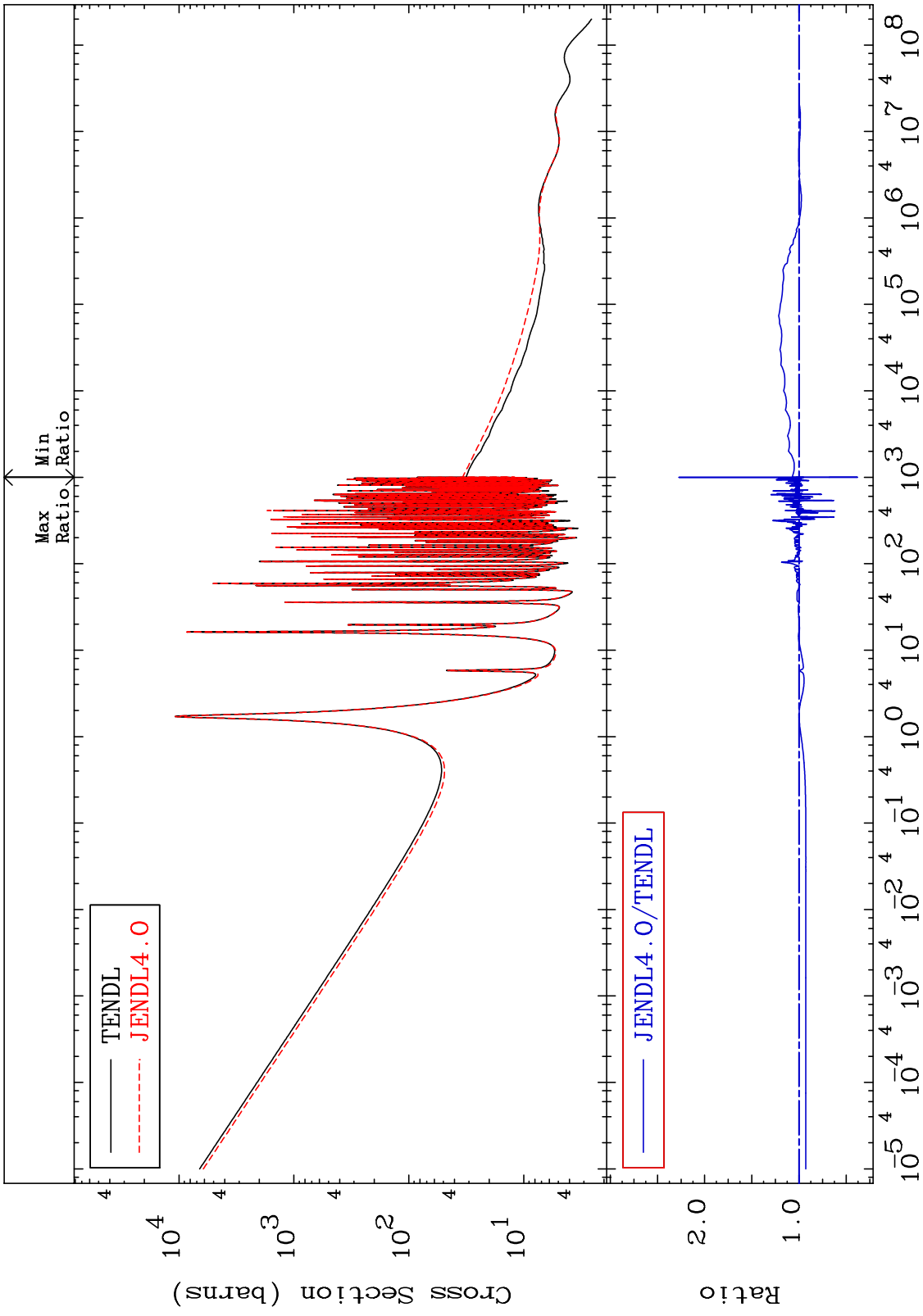
U.S.A.

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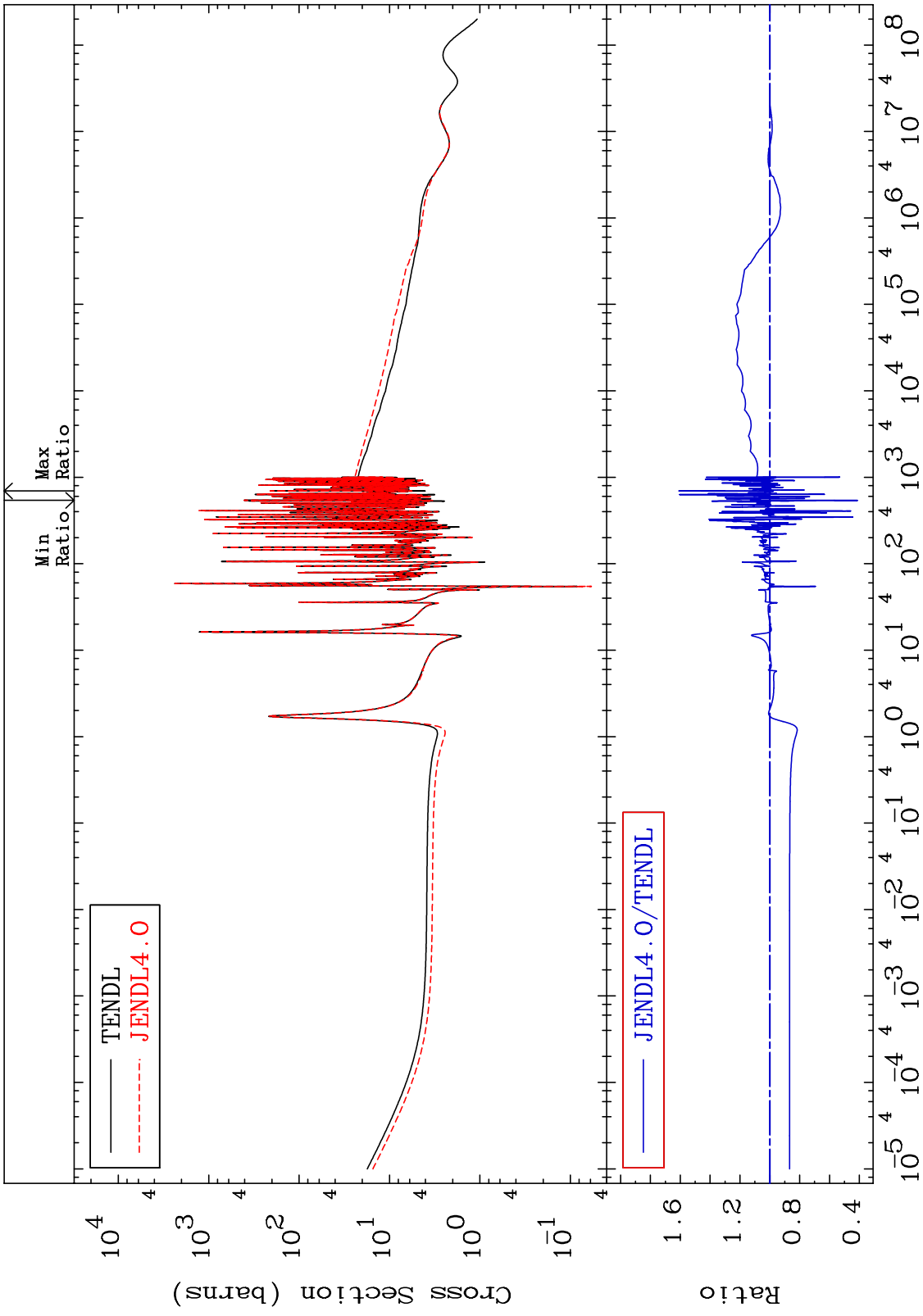
Press Mouse Button to Start

MAT 6646 66-Dy-163
Total -62.28 To 127.1 %
Cross Section



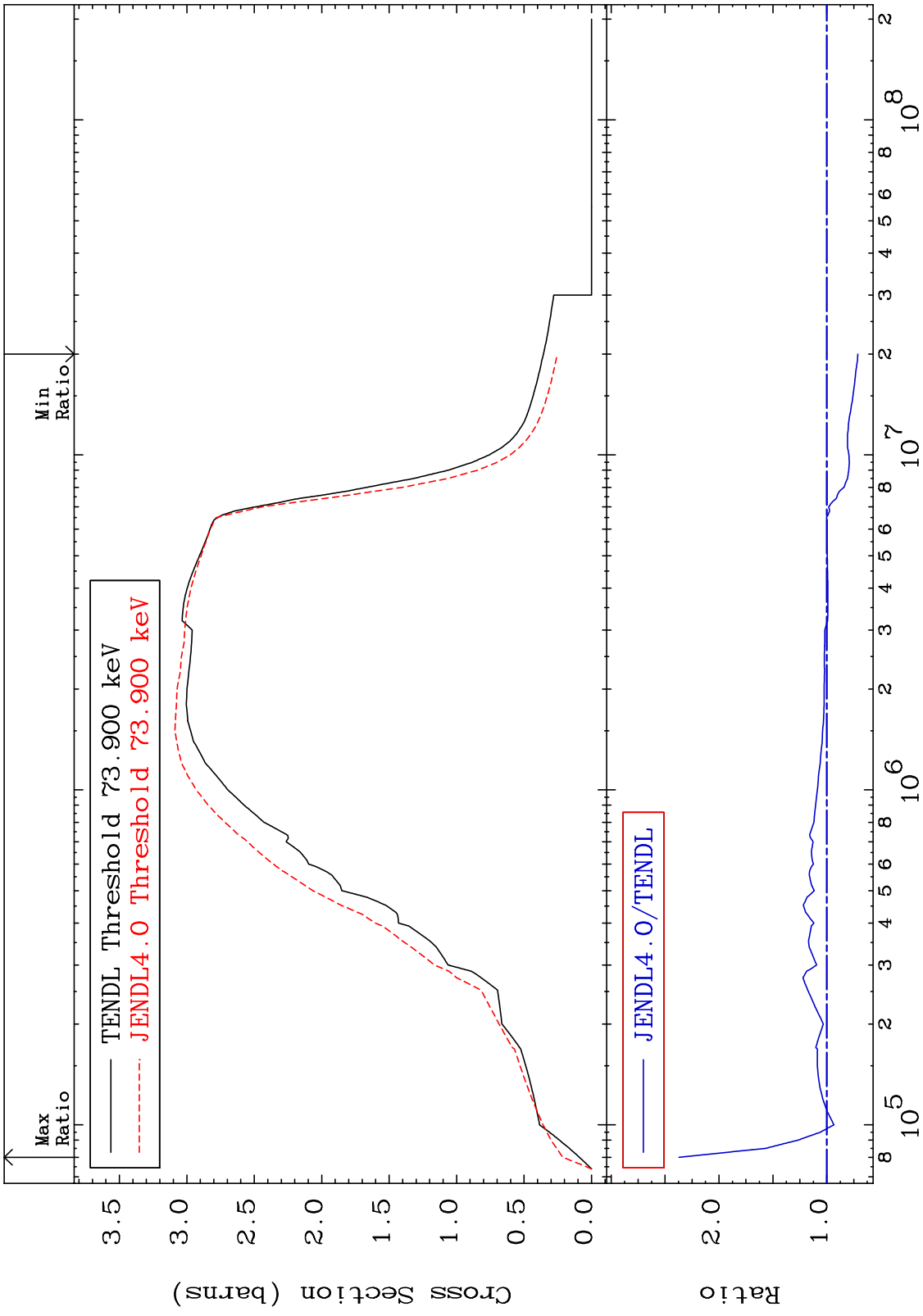
Ratio 66-Dy-163
Incident Energy (eV)

MAT 6646 Elastic Cross Section 66-Dy-163 -58.97 To 60.82 %



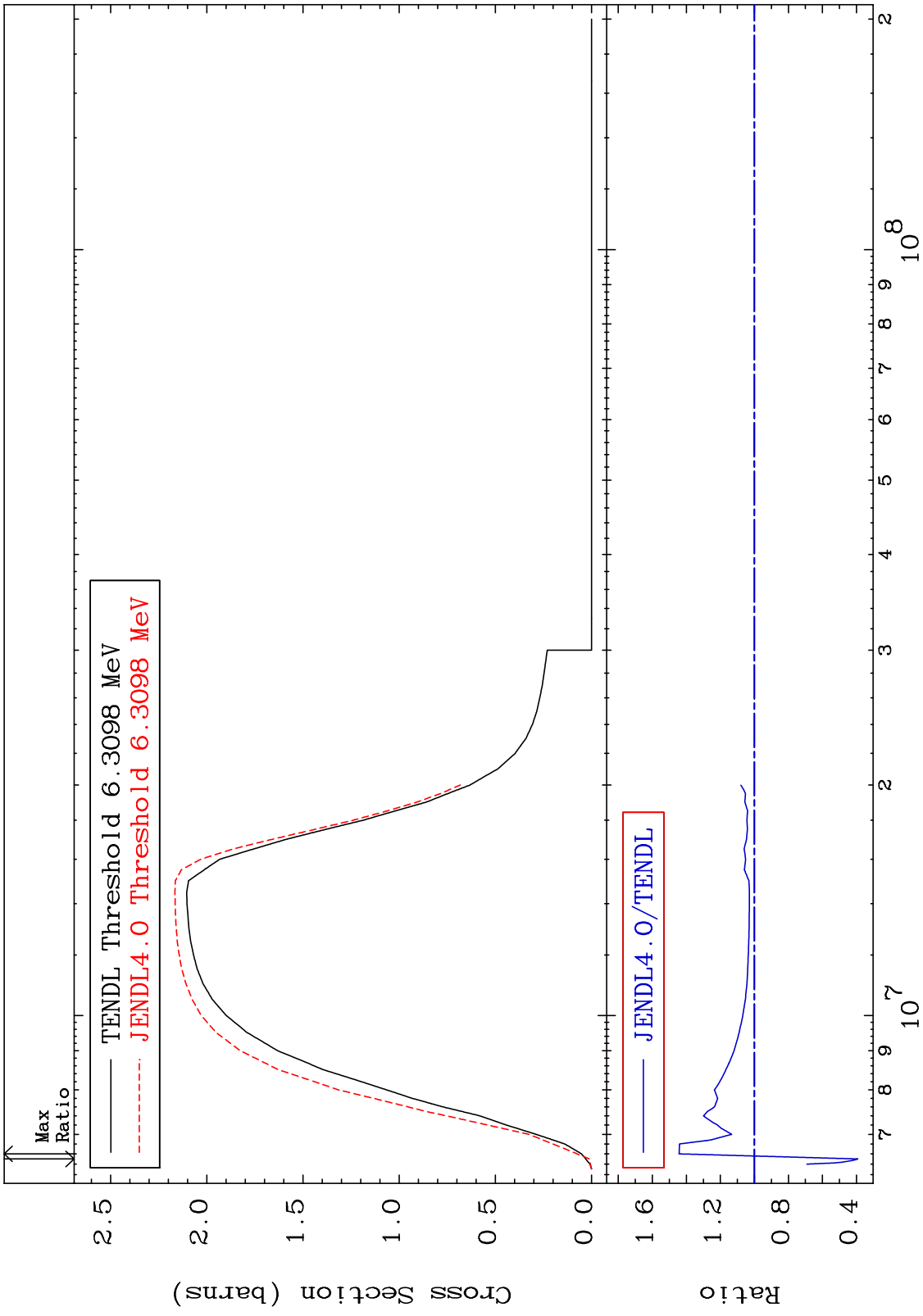
2 Incident Energy (eV) 66-Dy-163

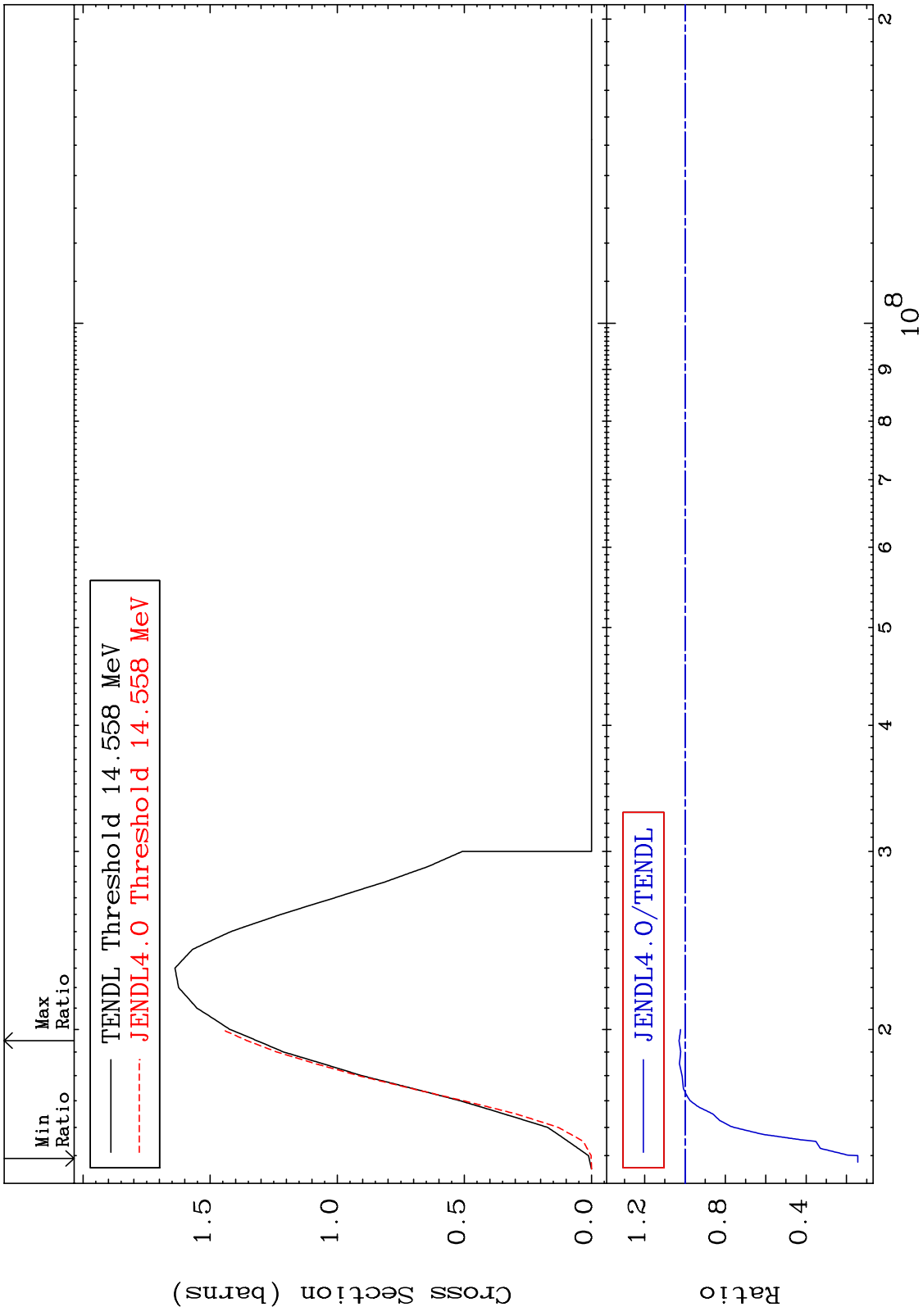
MAT 6646 Inelastic Cross Section 66-Dy-163 -28.79 To 137.0 %



3 66-Dy-163

MAT 6646 (n,2n) Cross Section 66-Dy-163 -60.80 To 44.30 %



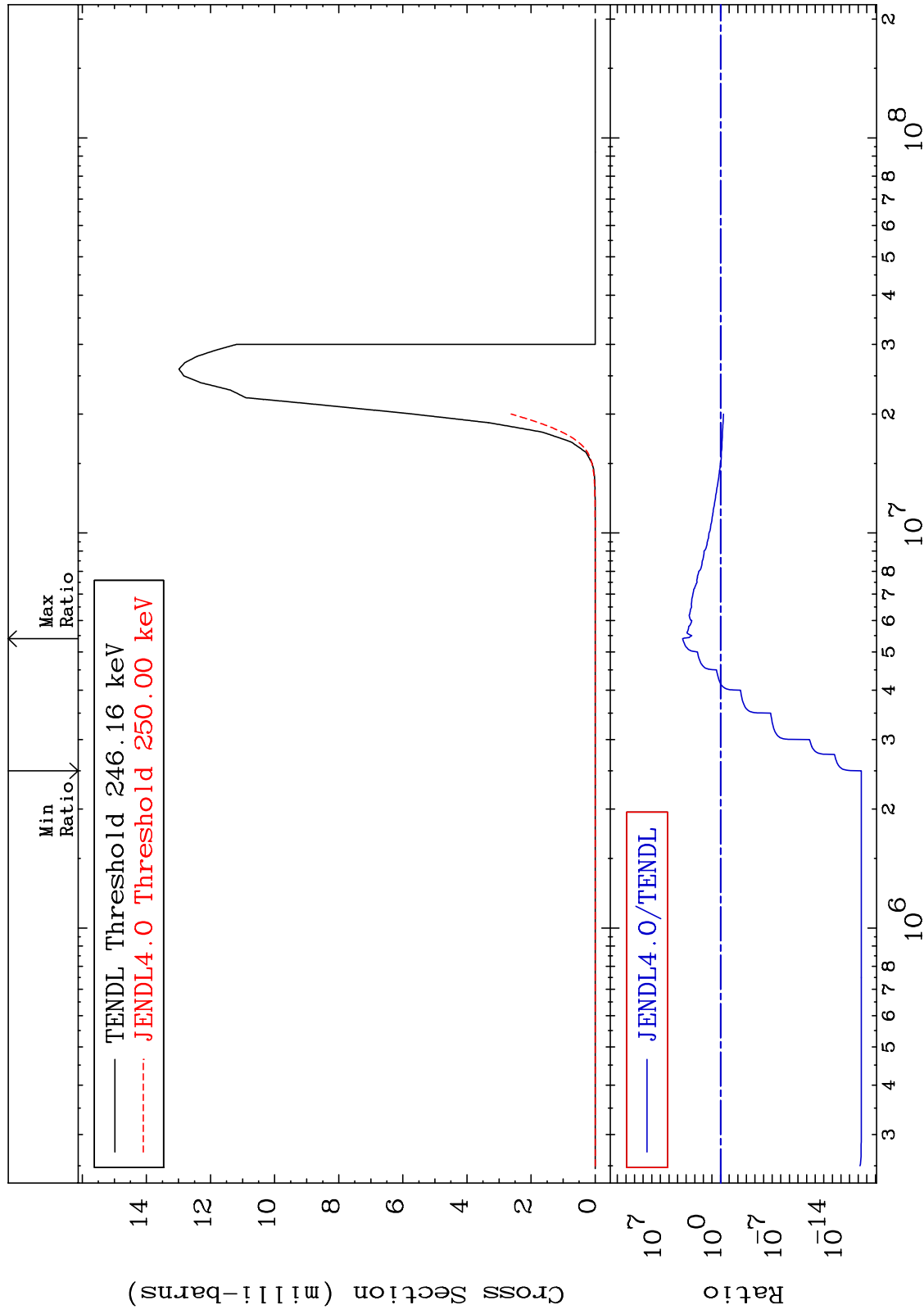


MAT 6646

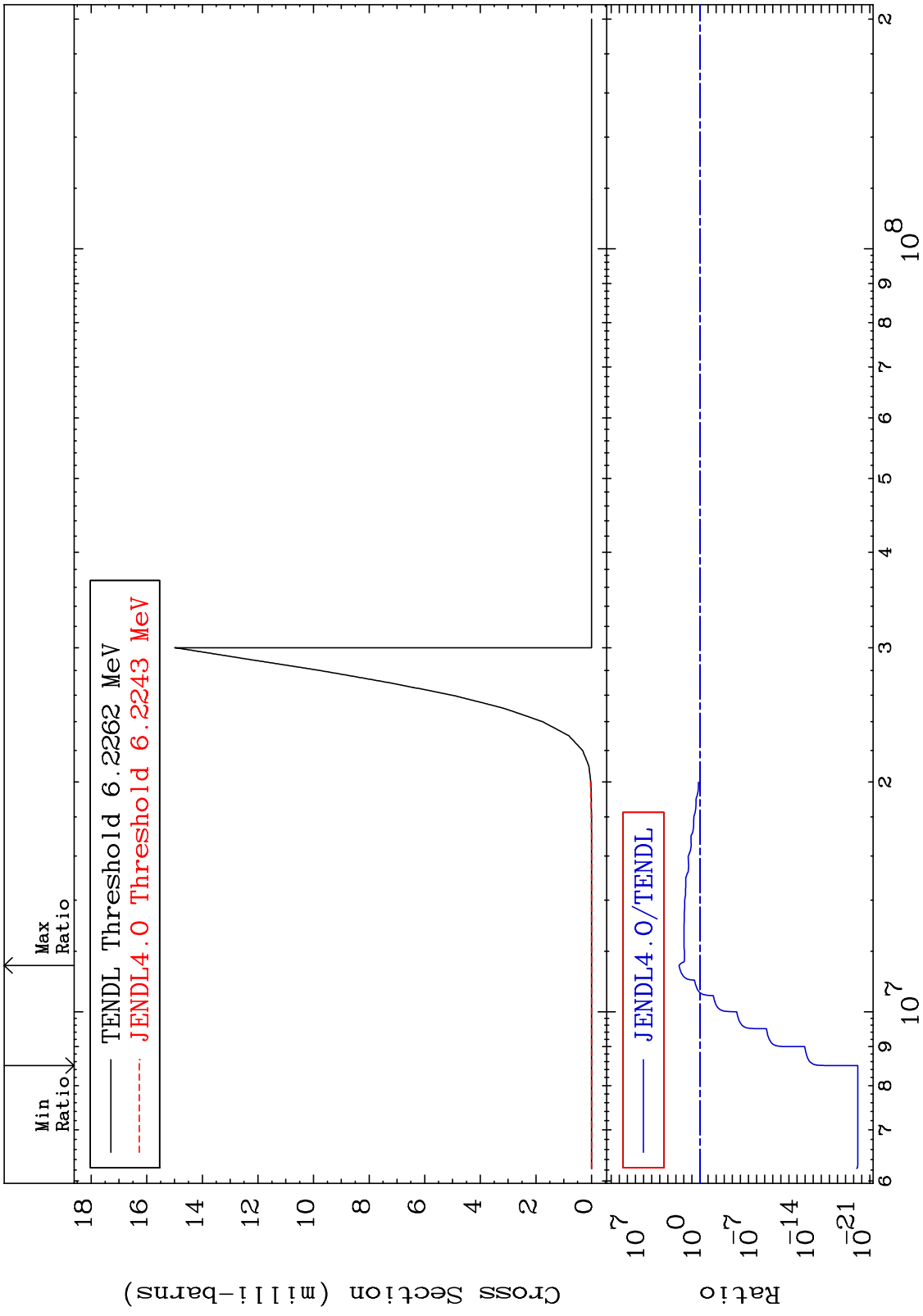
(n, n') α

66-Dy-163

-100.0 To 9999. %



MAT 6646 $(n,2n) \alpha$ 66-Dy-163
 Cross Section -100.0 To 9999. %



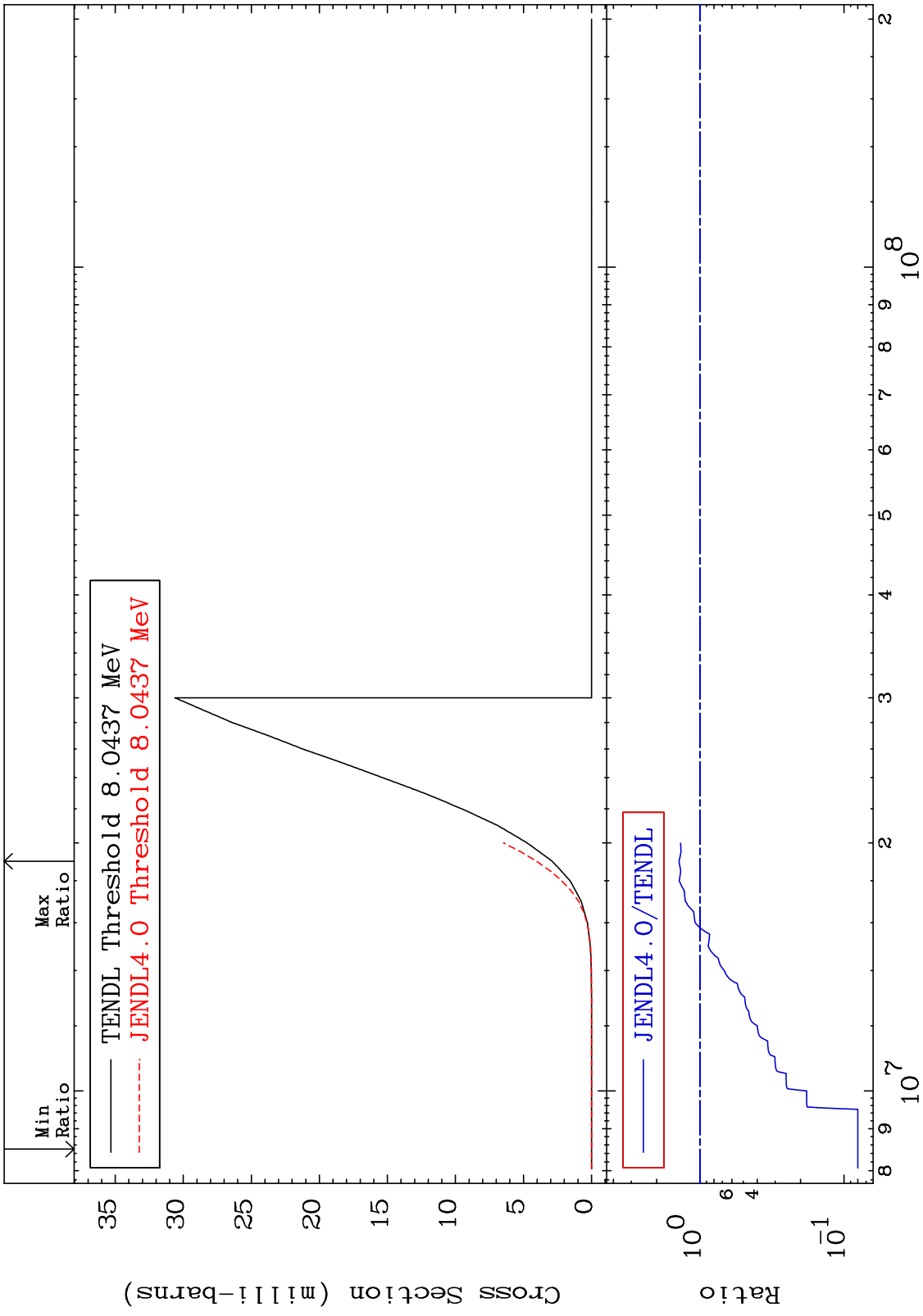
7 6 7 8 9 10 10⁷ 10⁸ 2

7 6 7 8 9 10 11 12 13 14 15 16 17 18

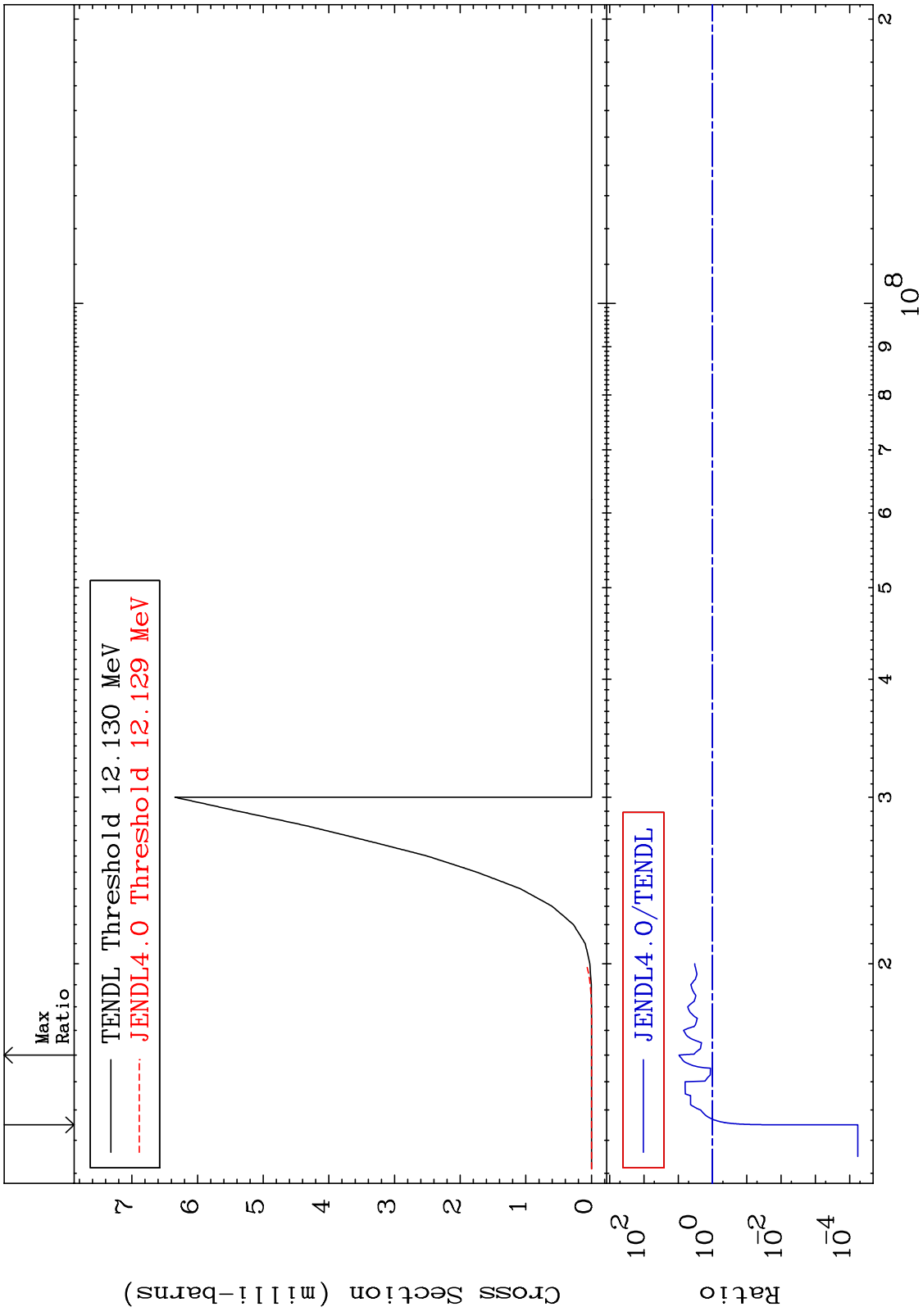
7 8 9 10 11 12 13 14 15 16 17 18

66-Dy-163

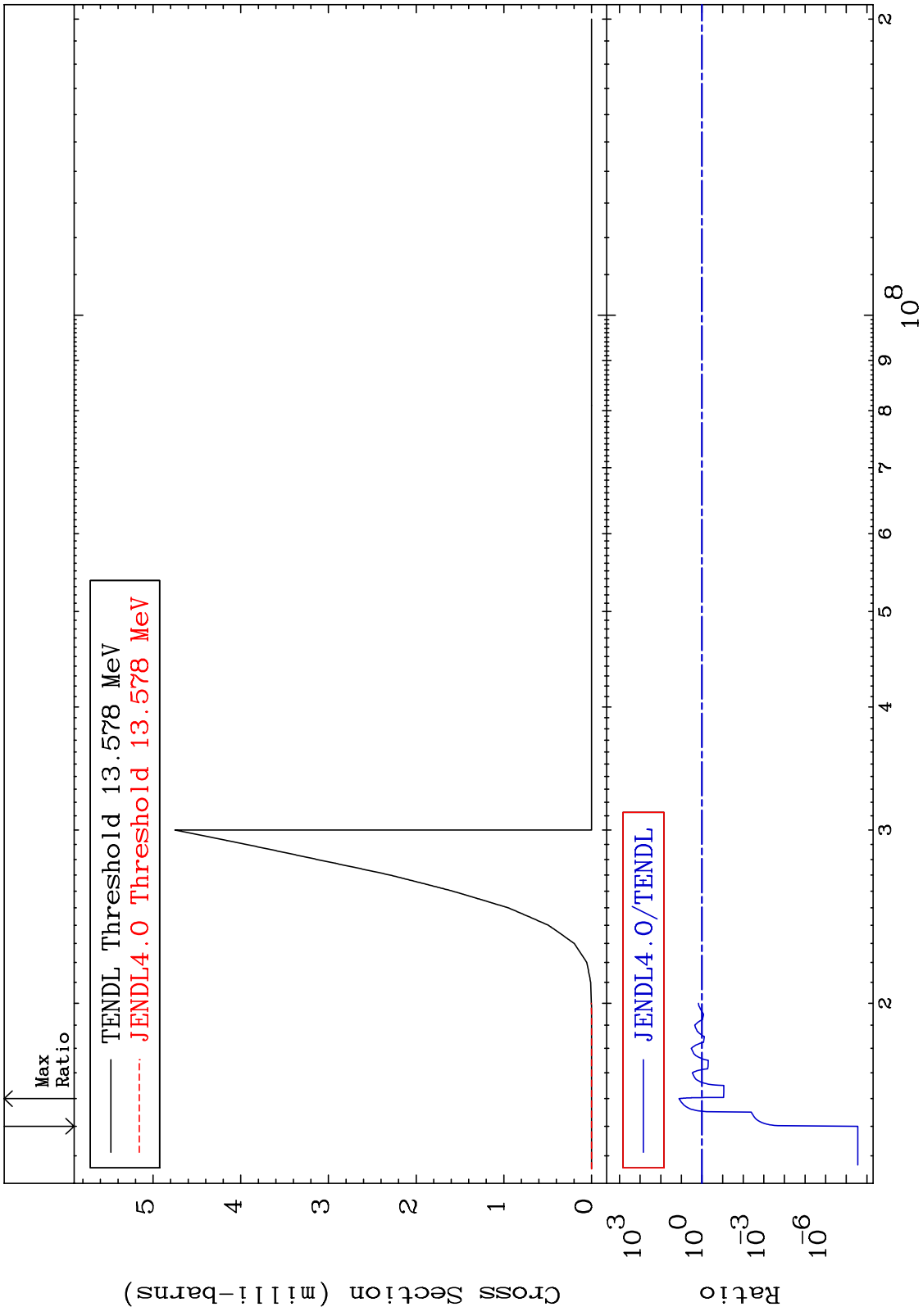
MAT 6646 (n, n') p 66-Dy-163
 Cross Section -92.00 To 39.86 %



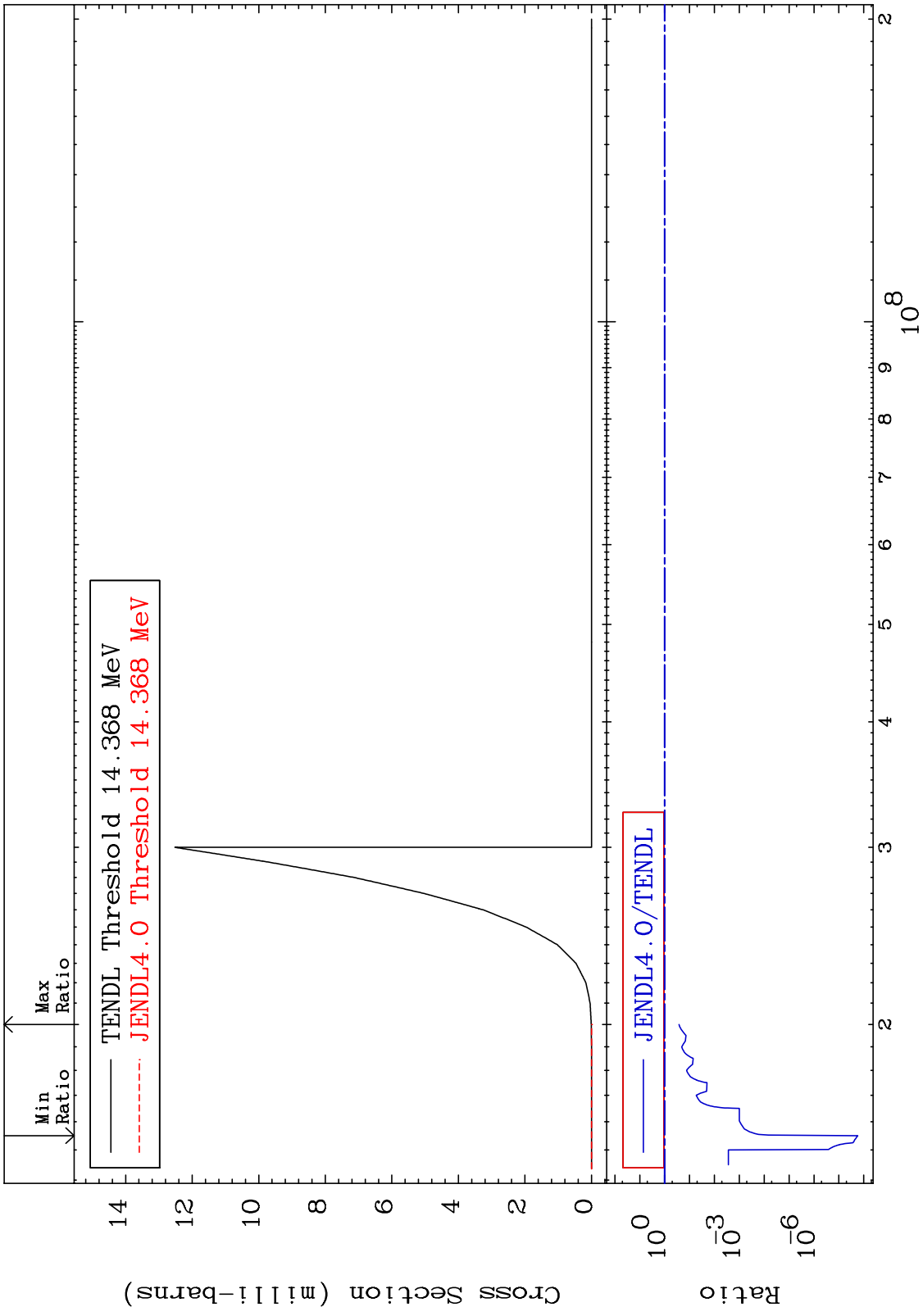
8 Incident Energy (eV) 66-Dy-163



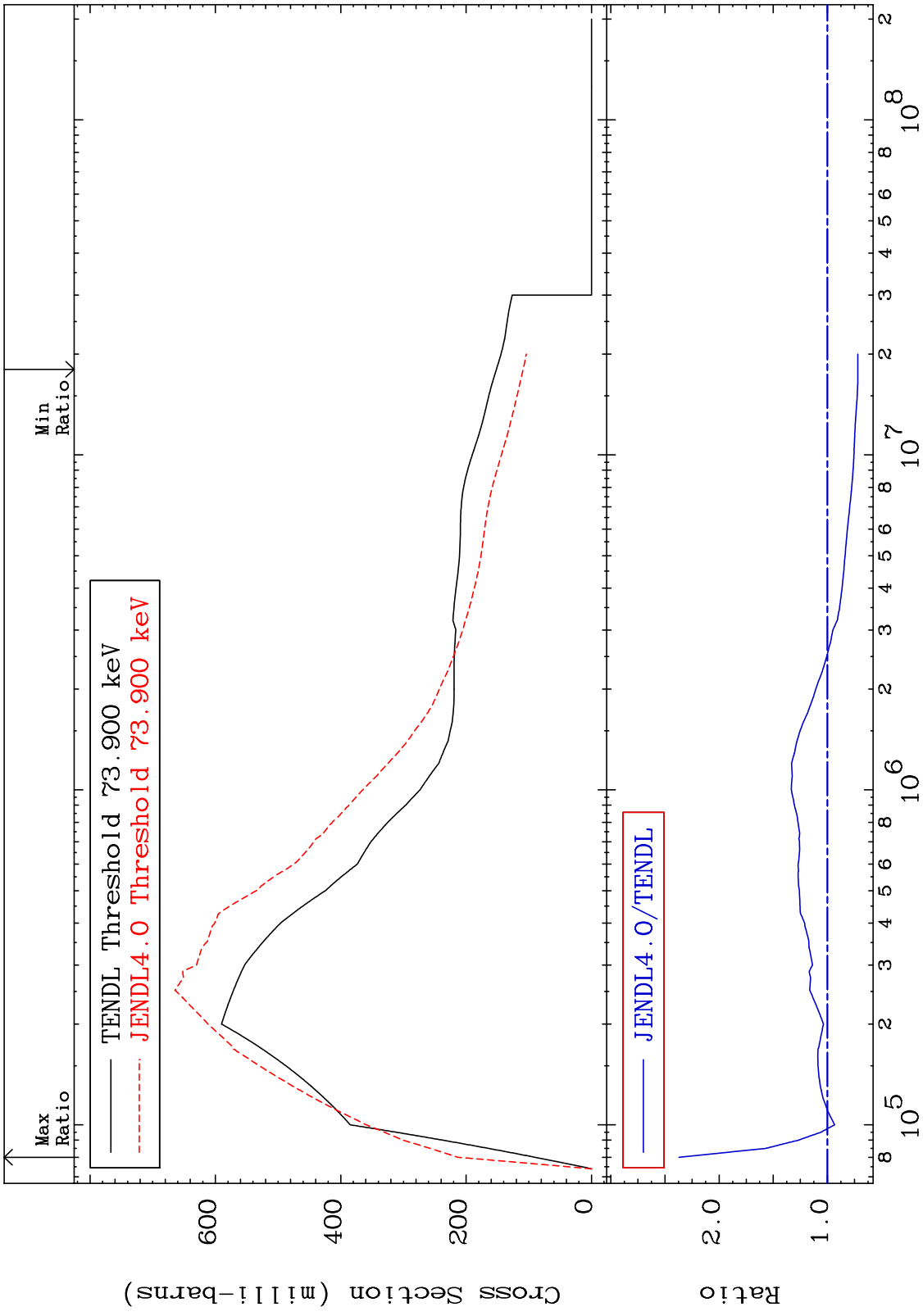
MAT 6646 (n,n') t 66-Dy-163
 Cross Section -100.0 To 1196. %



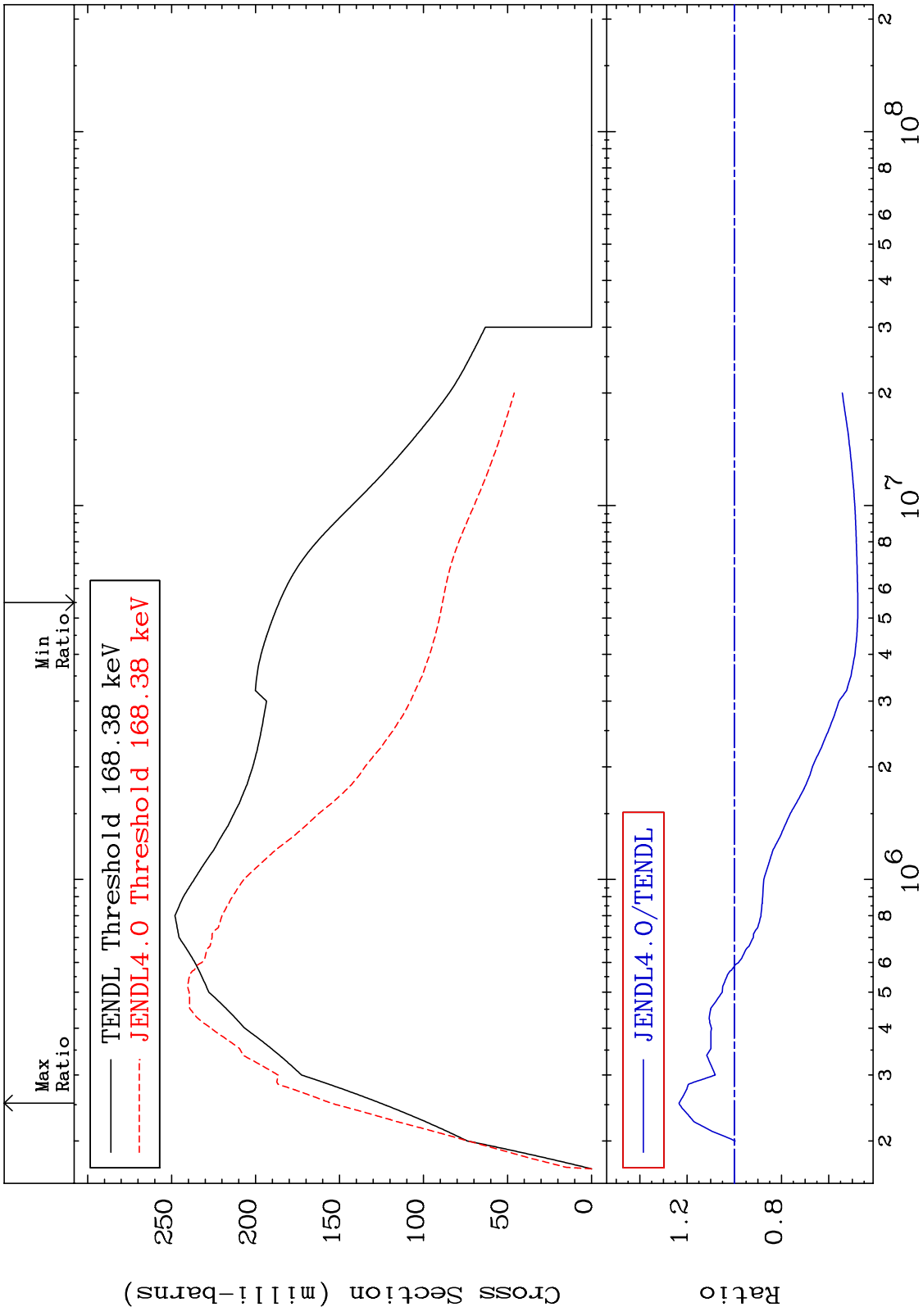
MAT 6646 (n,2n) p 66-Dy-163
 Cross Section -100.0 To -73.59%



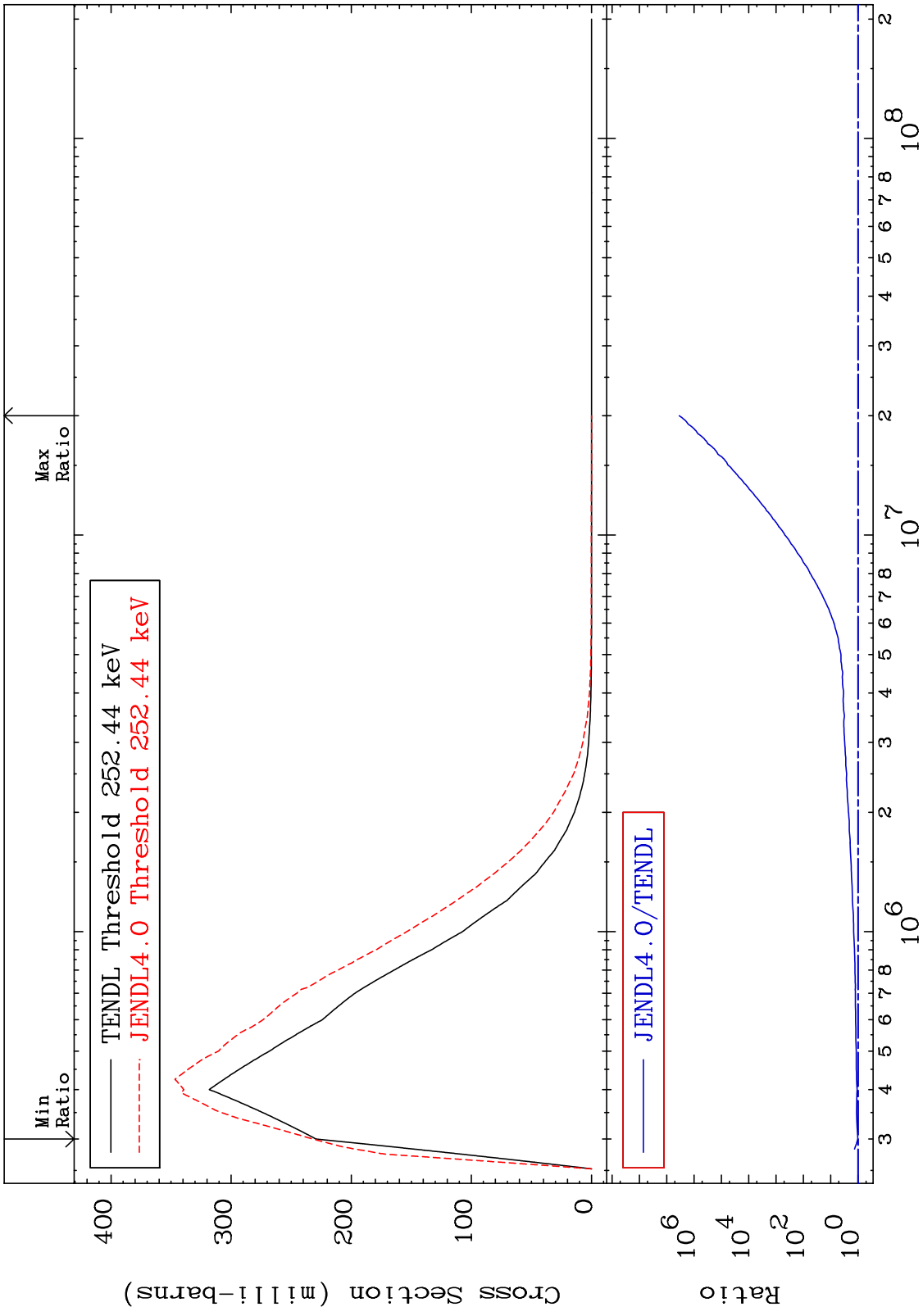
MAT 6646 MT= 51 (n,n') Level Cross Section 66-Dy-163
 -28.08 To 137.0 %



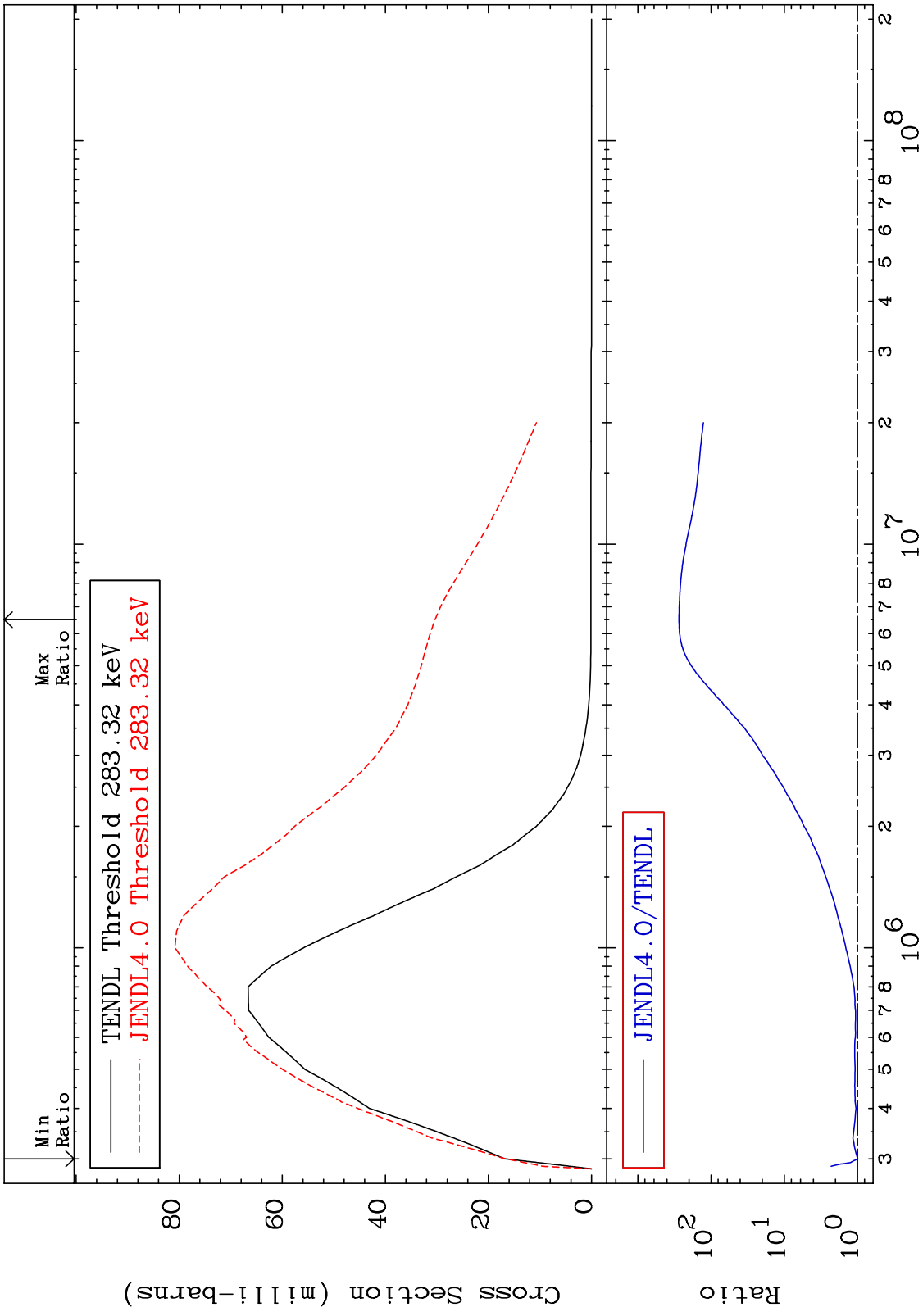
MAT 6646 MT= 52 (n,n') Level Cross Section 66-Dy-163
 -52.32 To 23.41 %



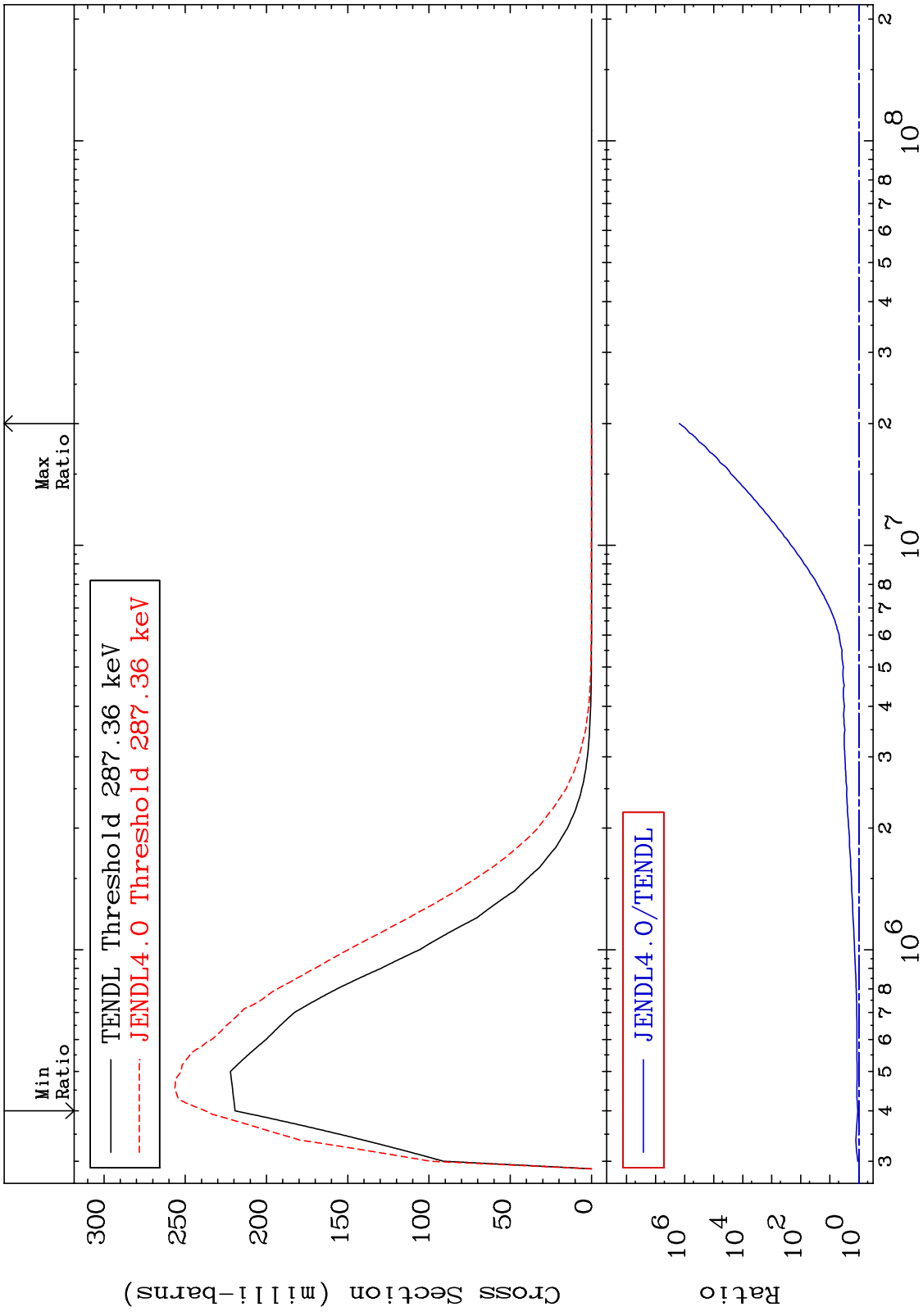
MAT 6646 MT= 53 (n,n') Level Cross Section 66-Dy-163
 1.111 To 9999. %



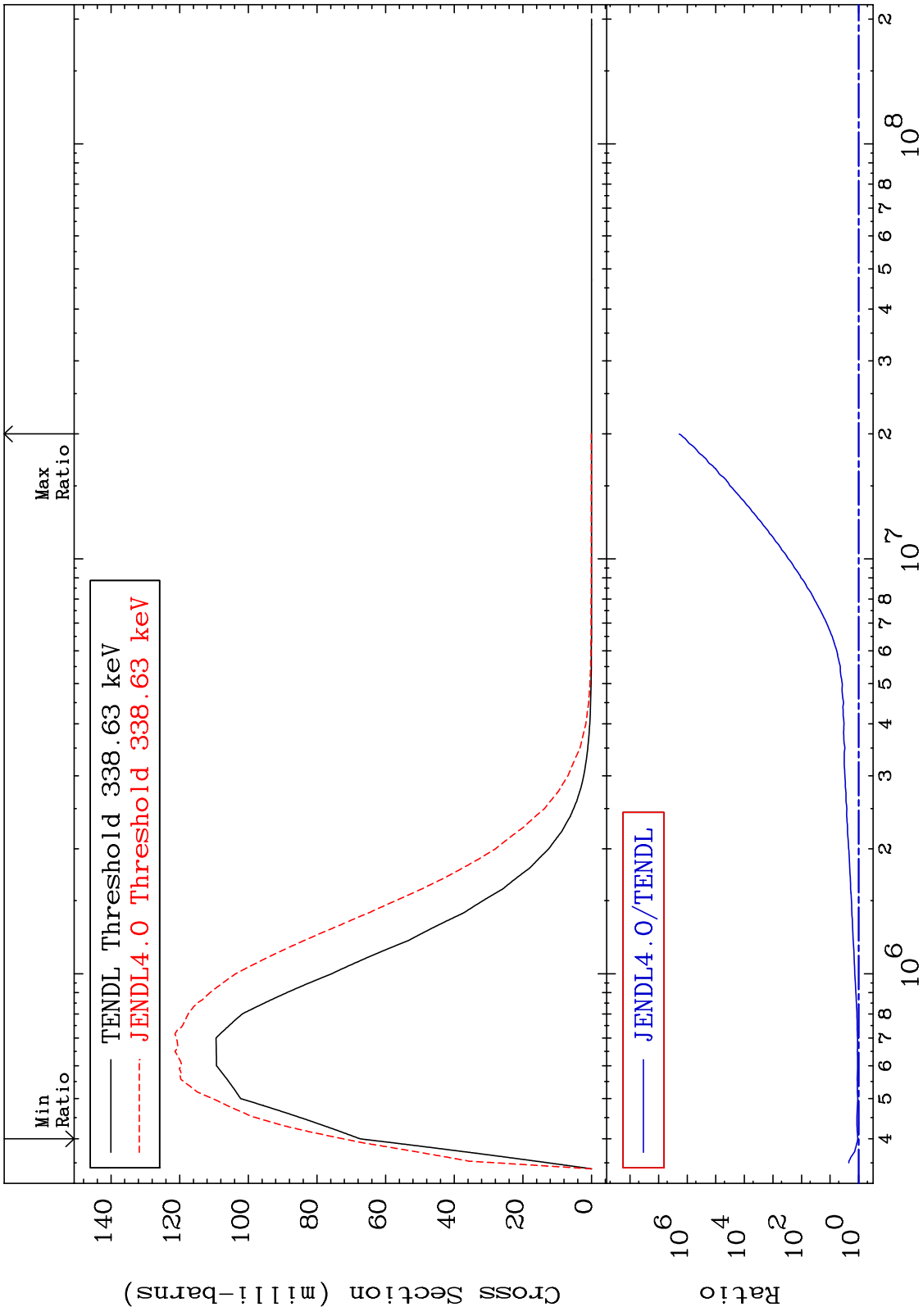
MAT 6646 MT= 54 (n,n') Level 66-Dy-163
 Cross Section -0.878 To 9999. %



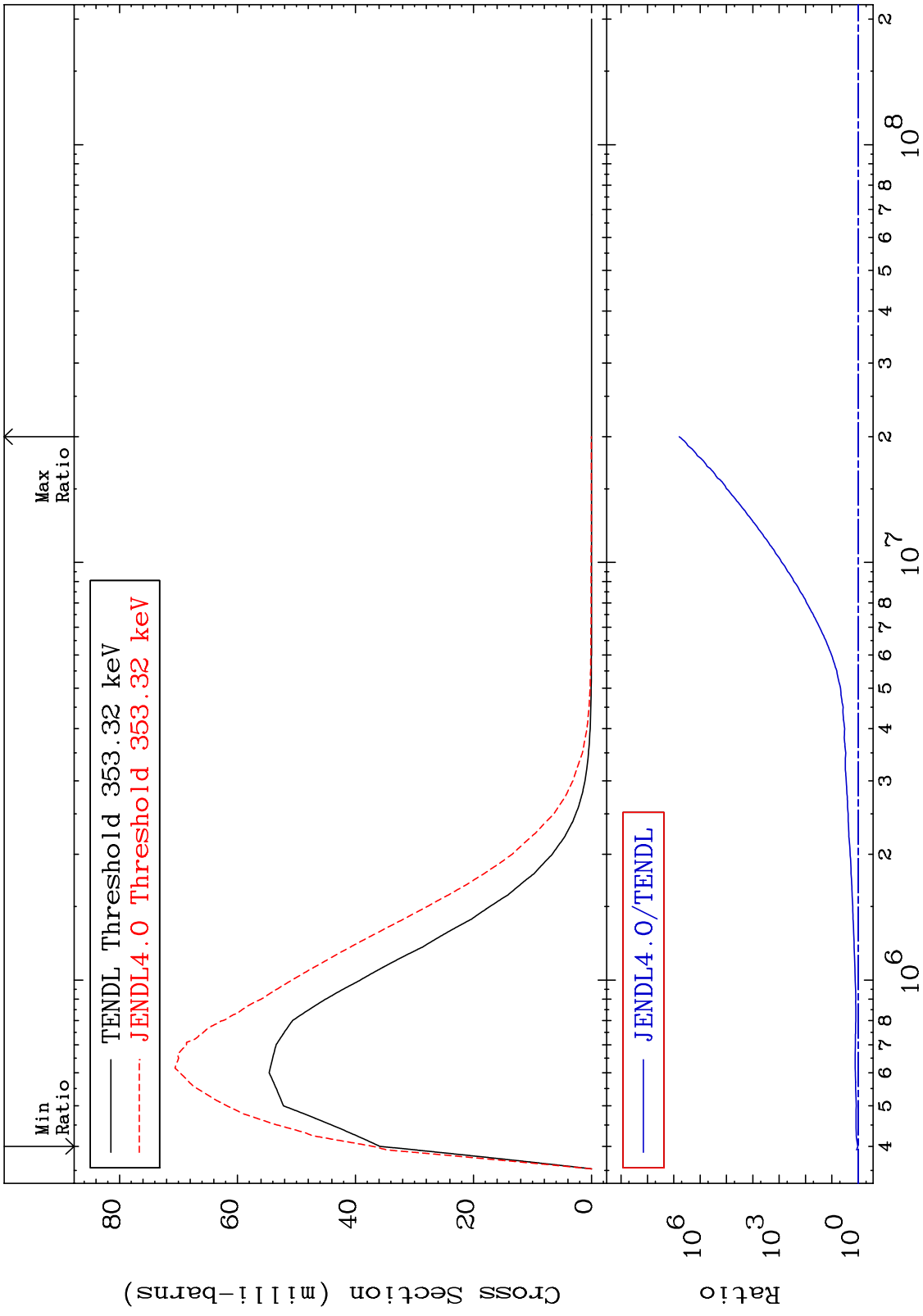
MAT 6646 MT= 55 (n,n') Level Cross Section 66-Dy-163 8.311 To 9999. %



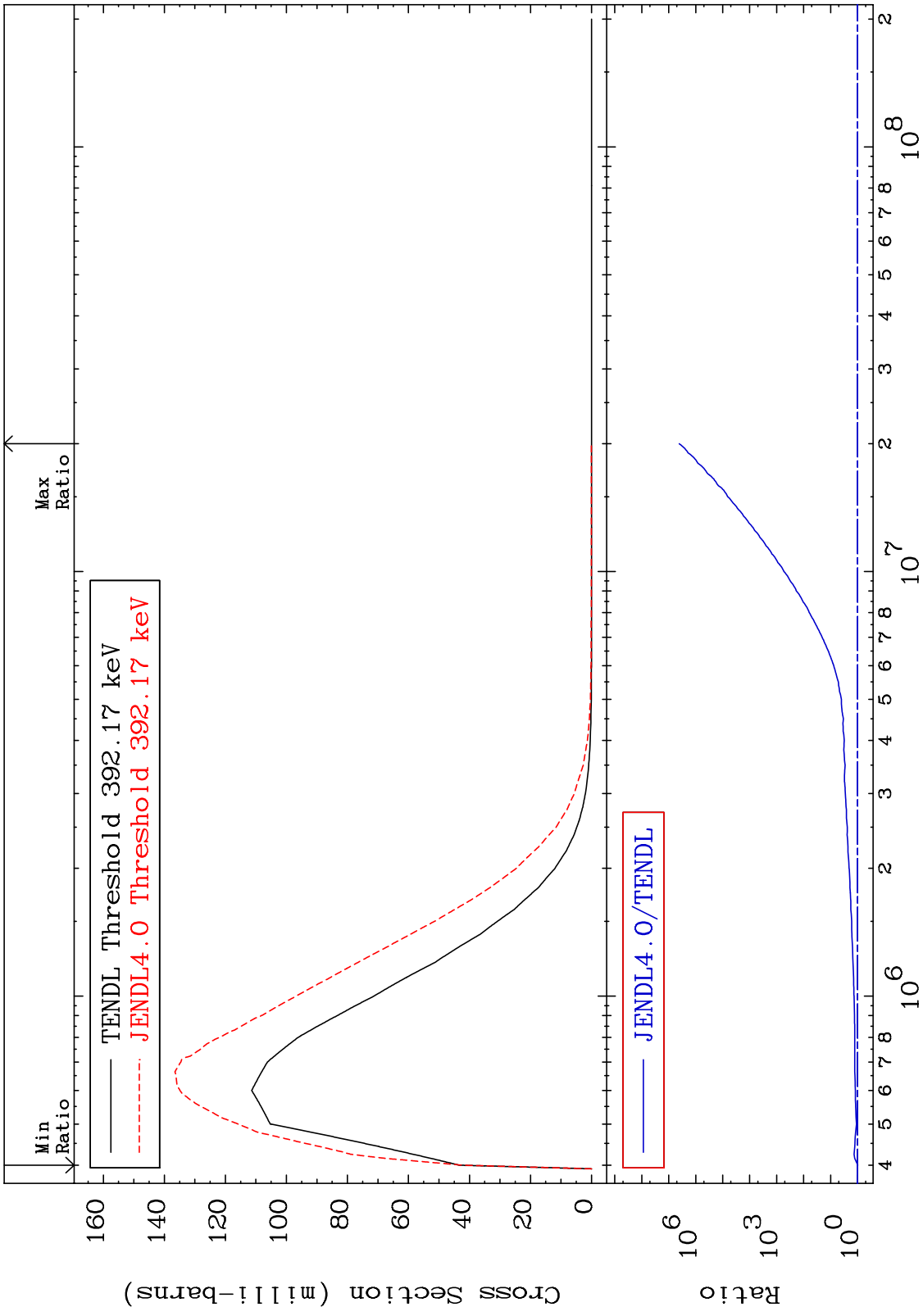
MAT 6646 MT= 56 (n,n') Level Cross Section 66-Dy-163 7.368 To 9999. %



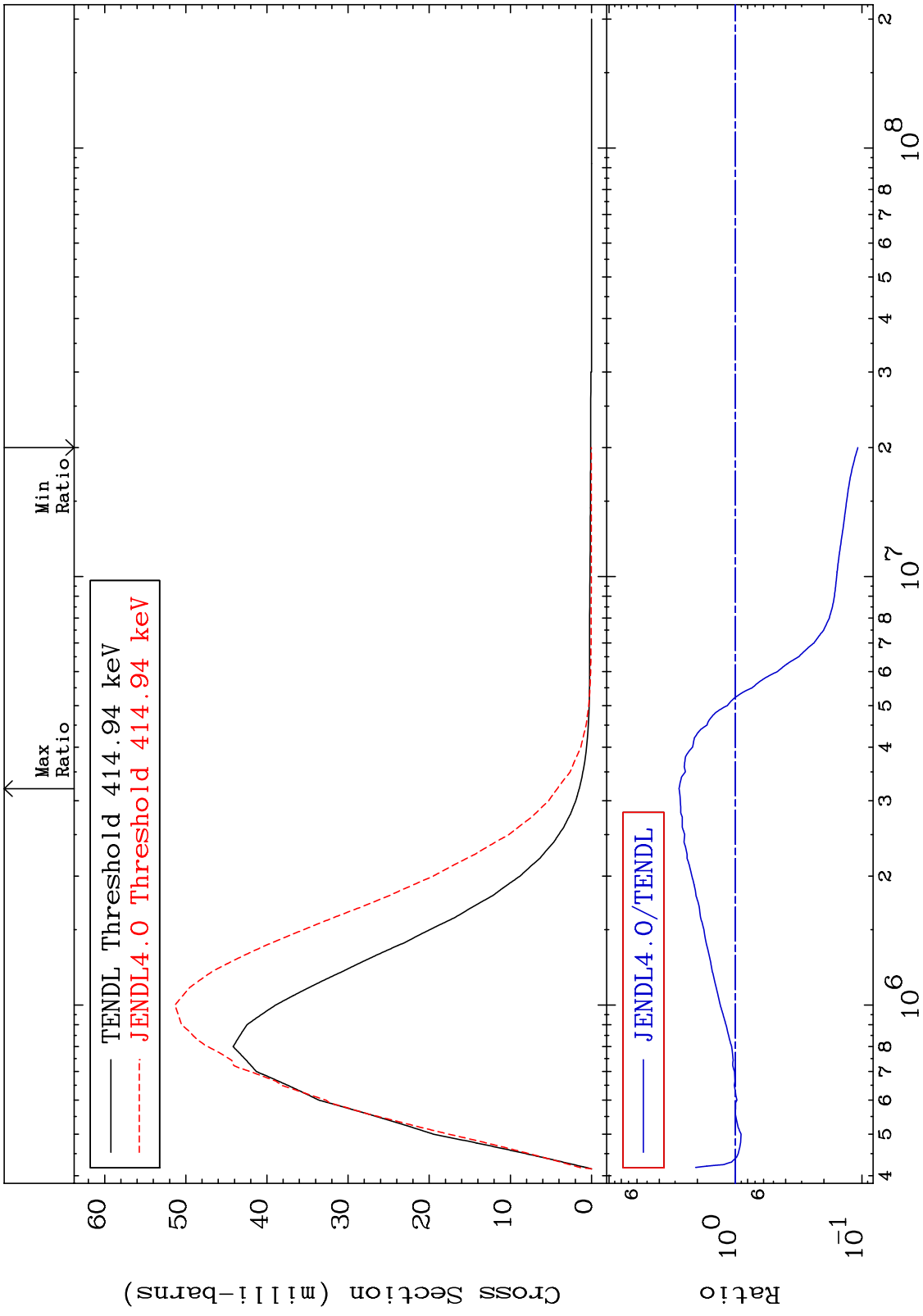
MAT 6646 MT= 57 (n,n') Level Cross Section 66-Dy-163 3.242 To 9999. %



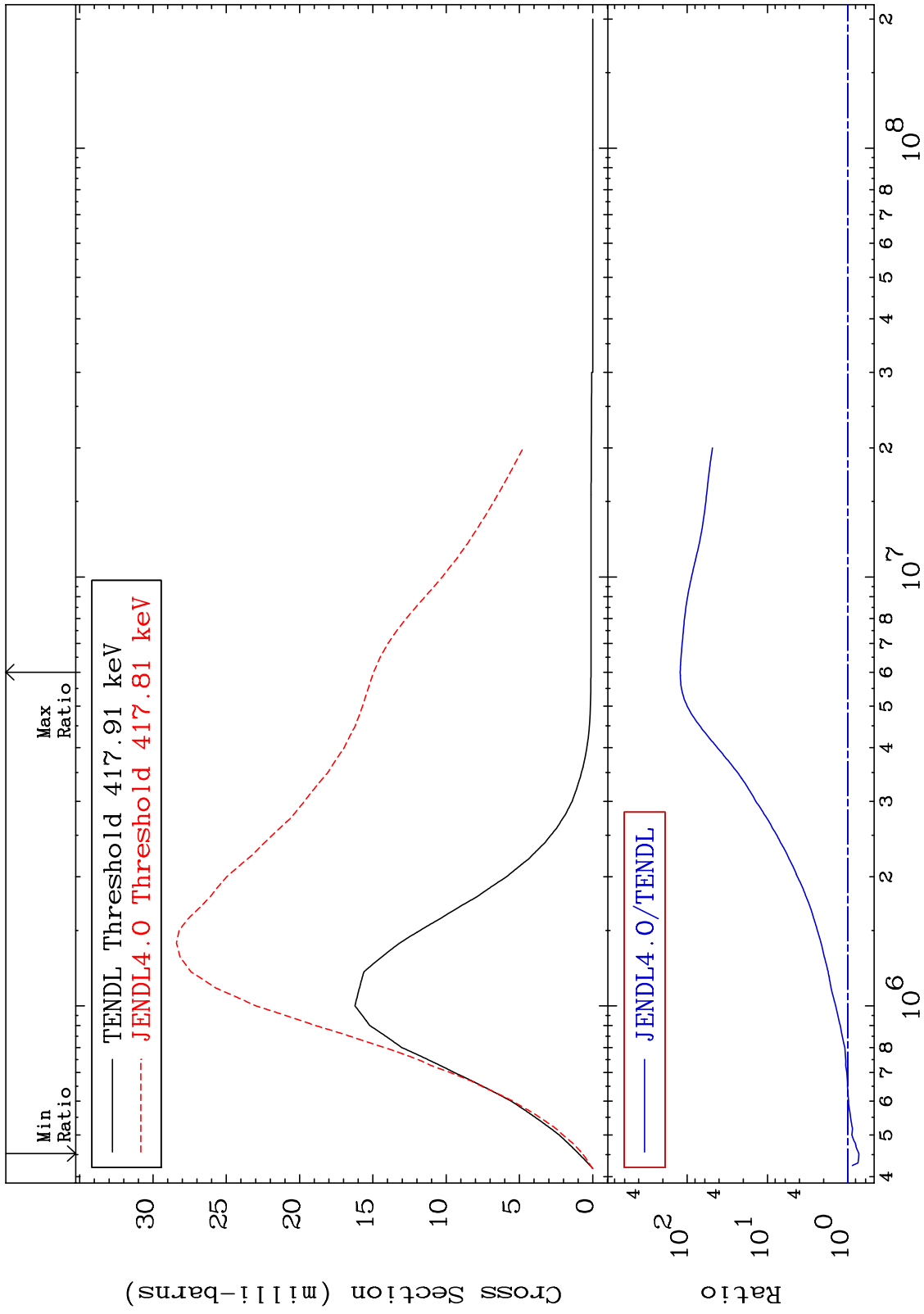
MAT 6646 MT= 58 (n,n') Level Cross Section 66-Dy-163
 -2.318 To 9999. %



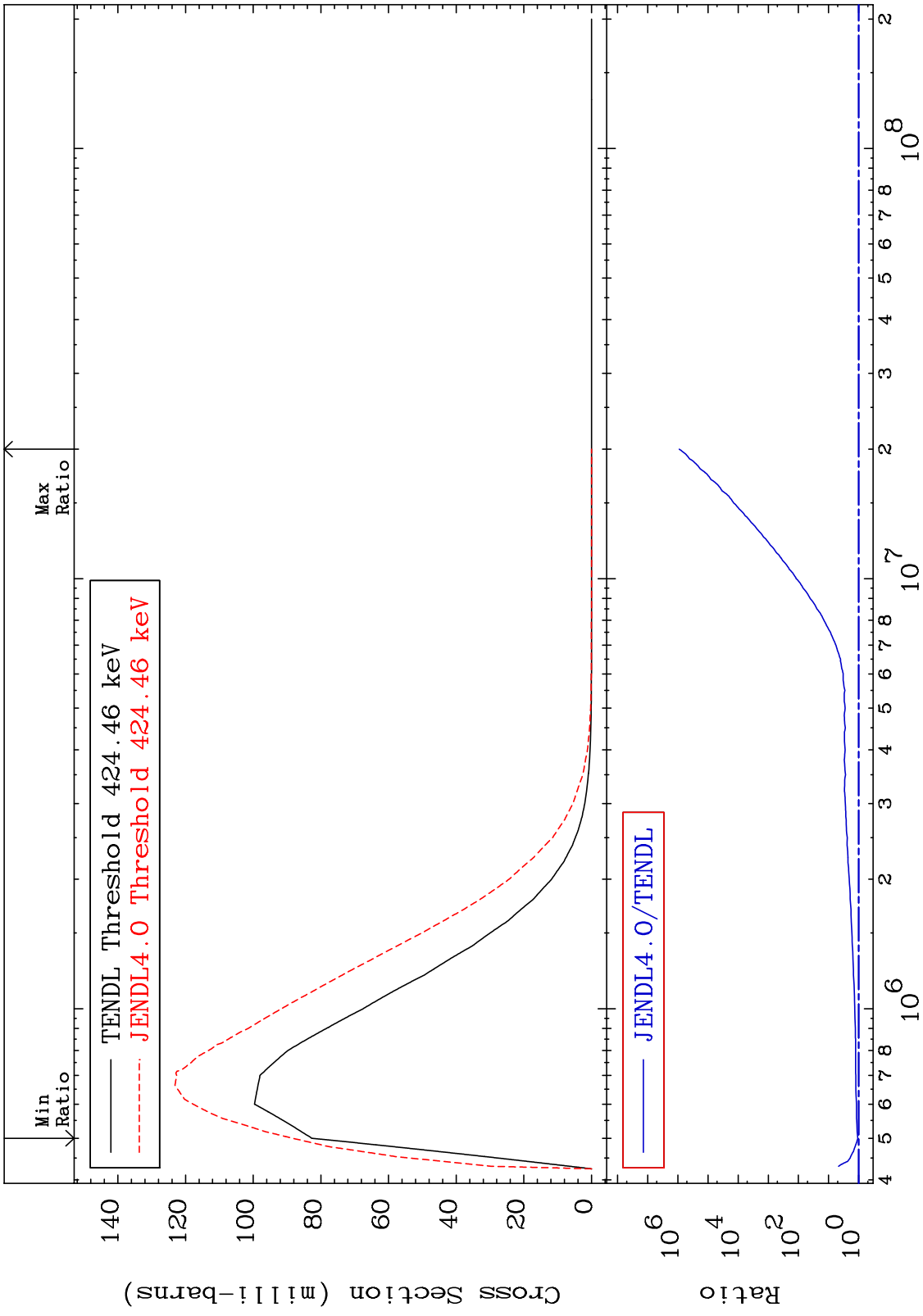
MAT 6646 MT= 59 (n,n') Level Cross Section 66-Dy-163
 -89.23 To 179.3 %



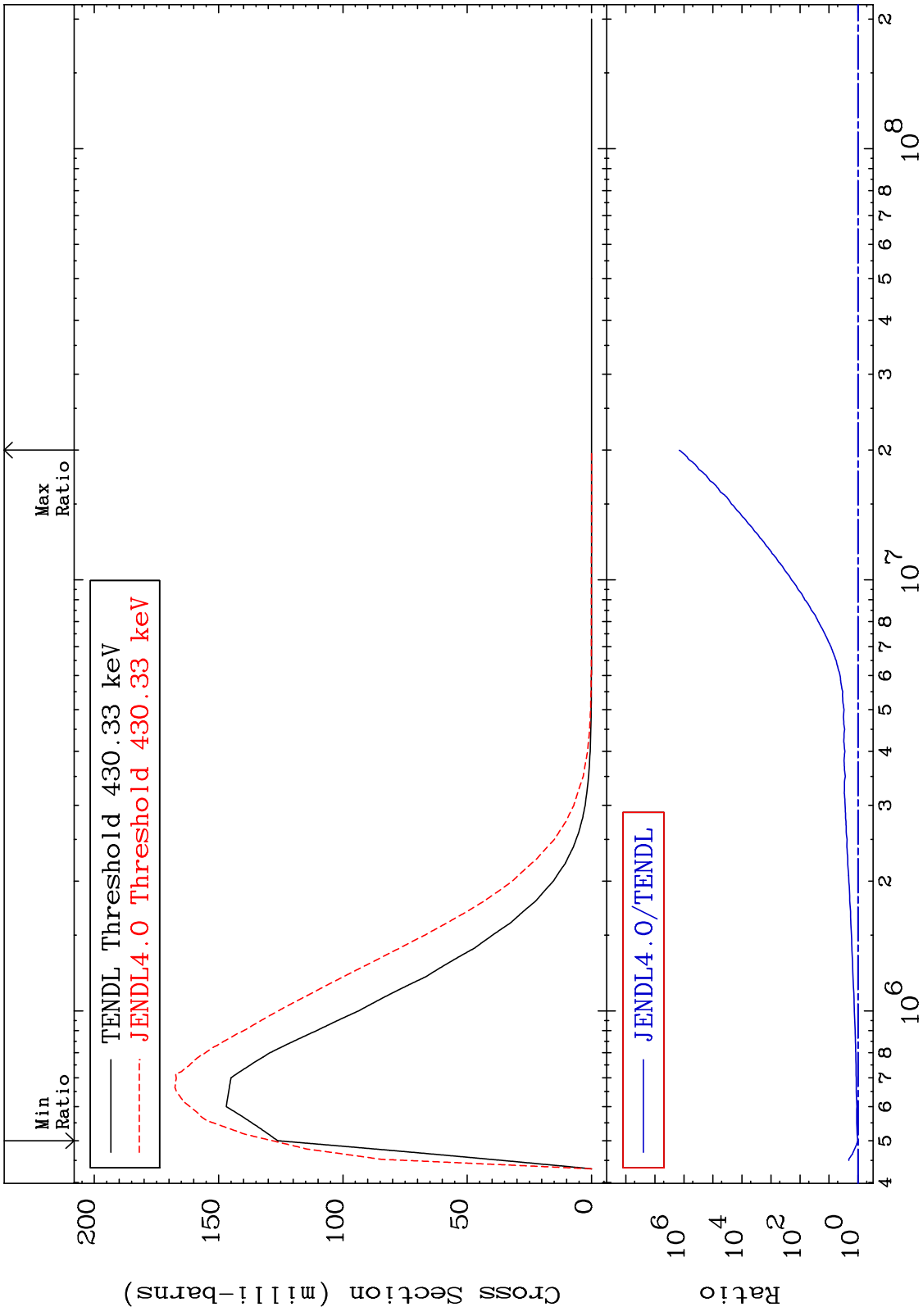
MAT 6646 MT= 60 (n,n') Level 66-Dy-163
 Cross Section -27.23 To 9999. %



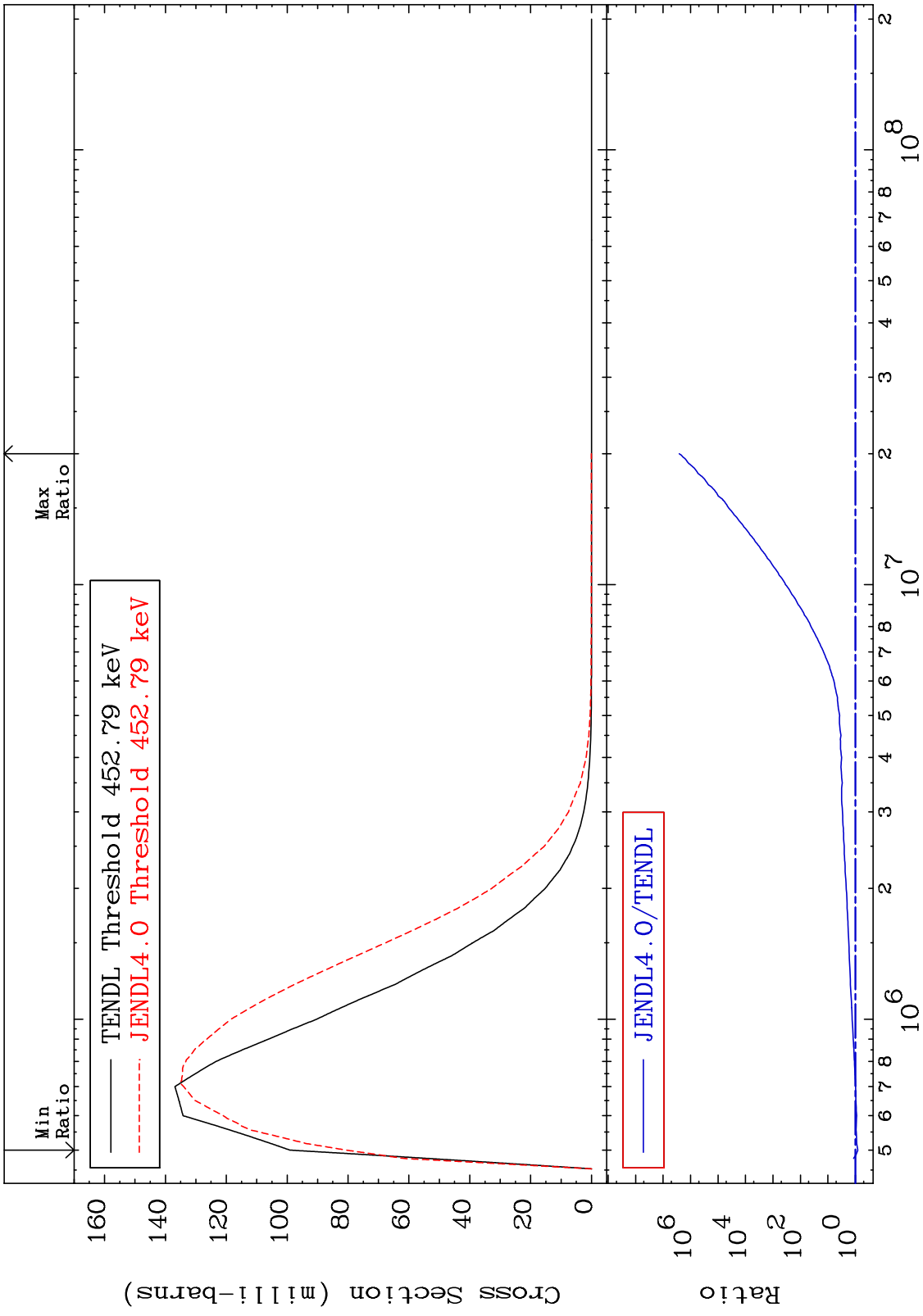
MAT 6646 MT= 61 (n,n') Level Cross Section 66-Dy-163 6.876 To 9999. %



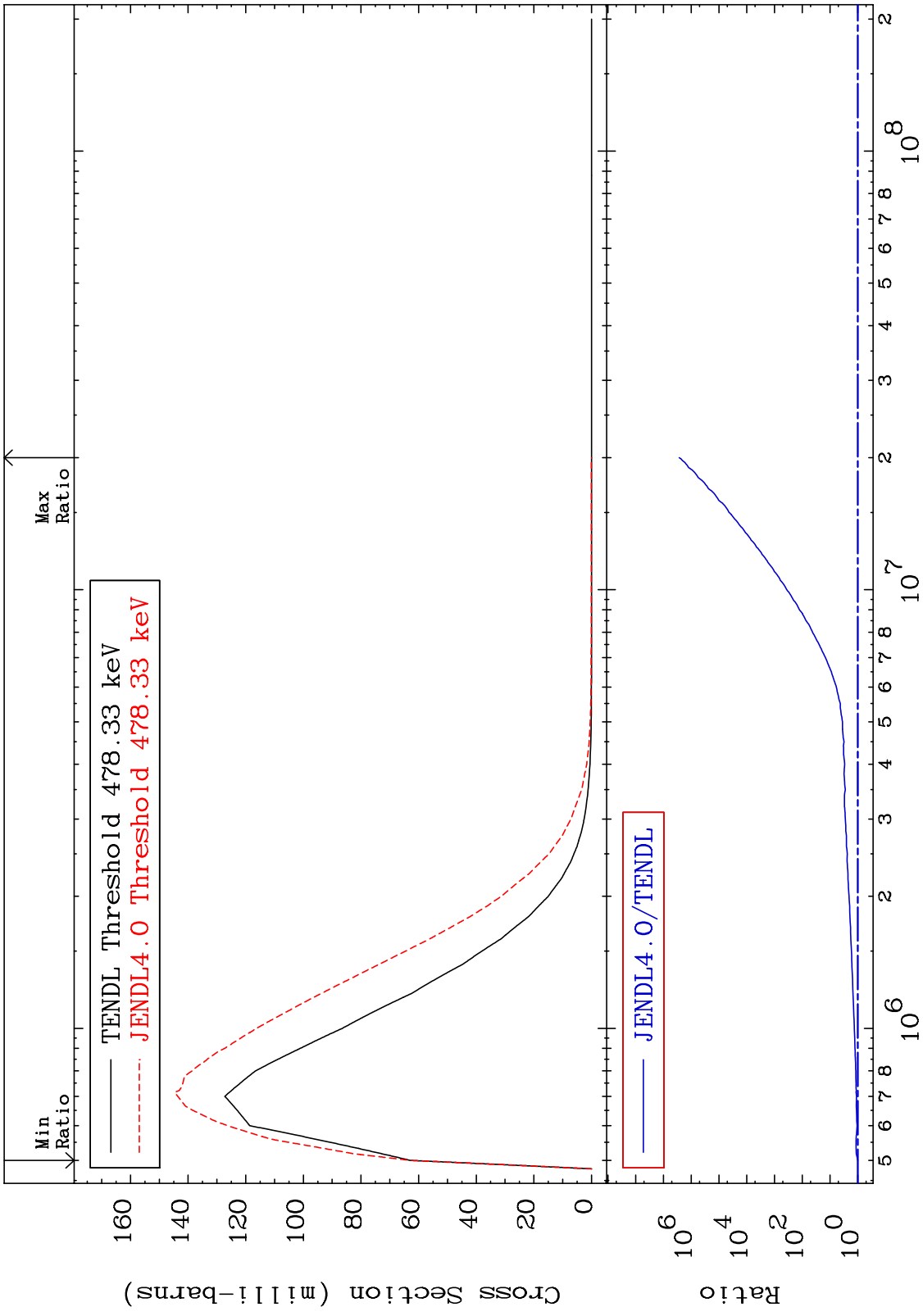
MAT 6646 MT= 62 (n,n') Level Cross Section 66-Dy-163
 1.689 To 9999. %



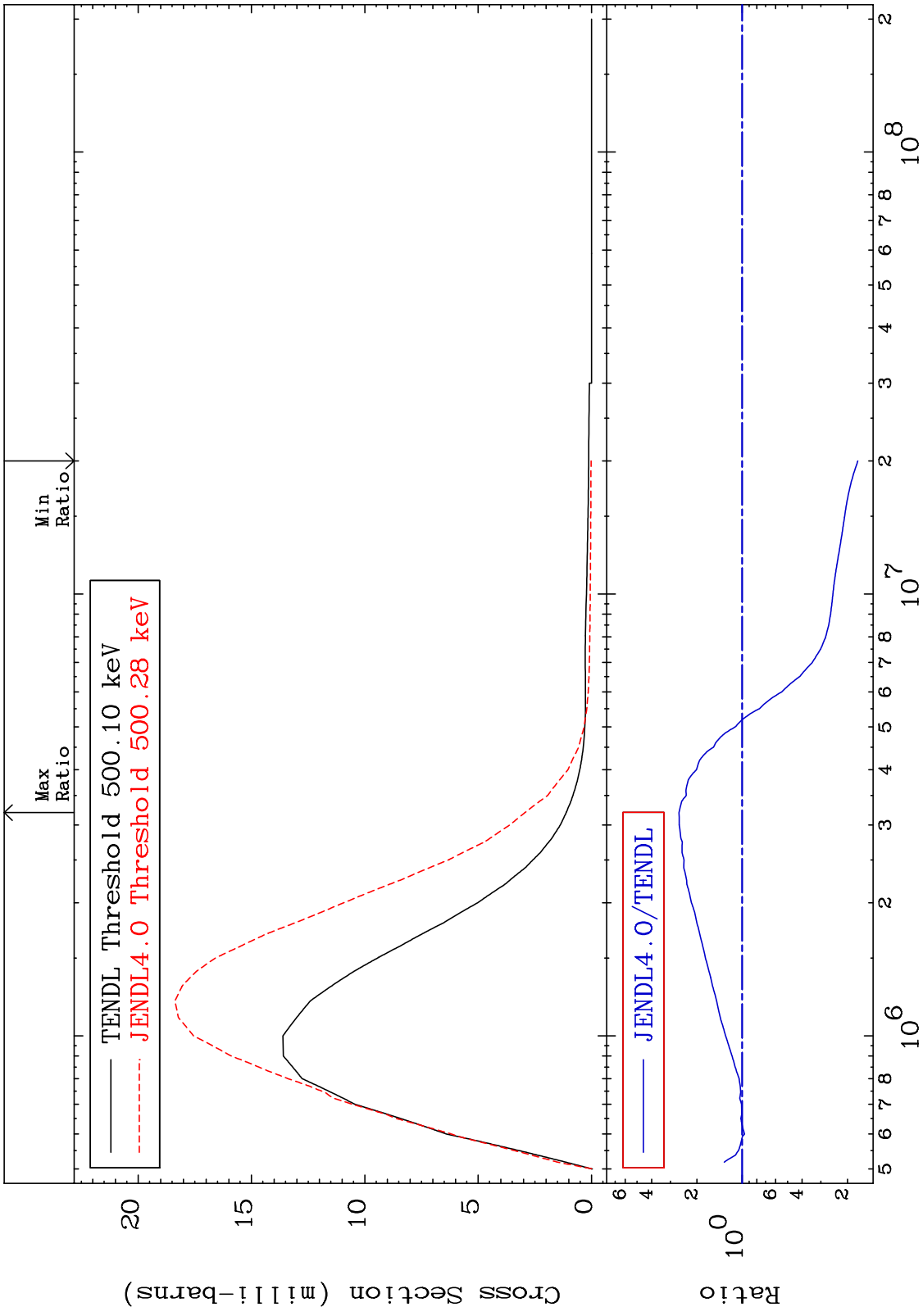
MAT 6646 MT= 63 (n,n') Level Cross Section 66-Dy-163
 -18.68 To 9999. %



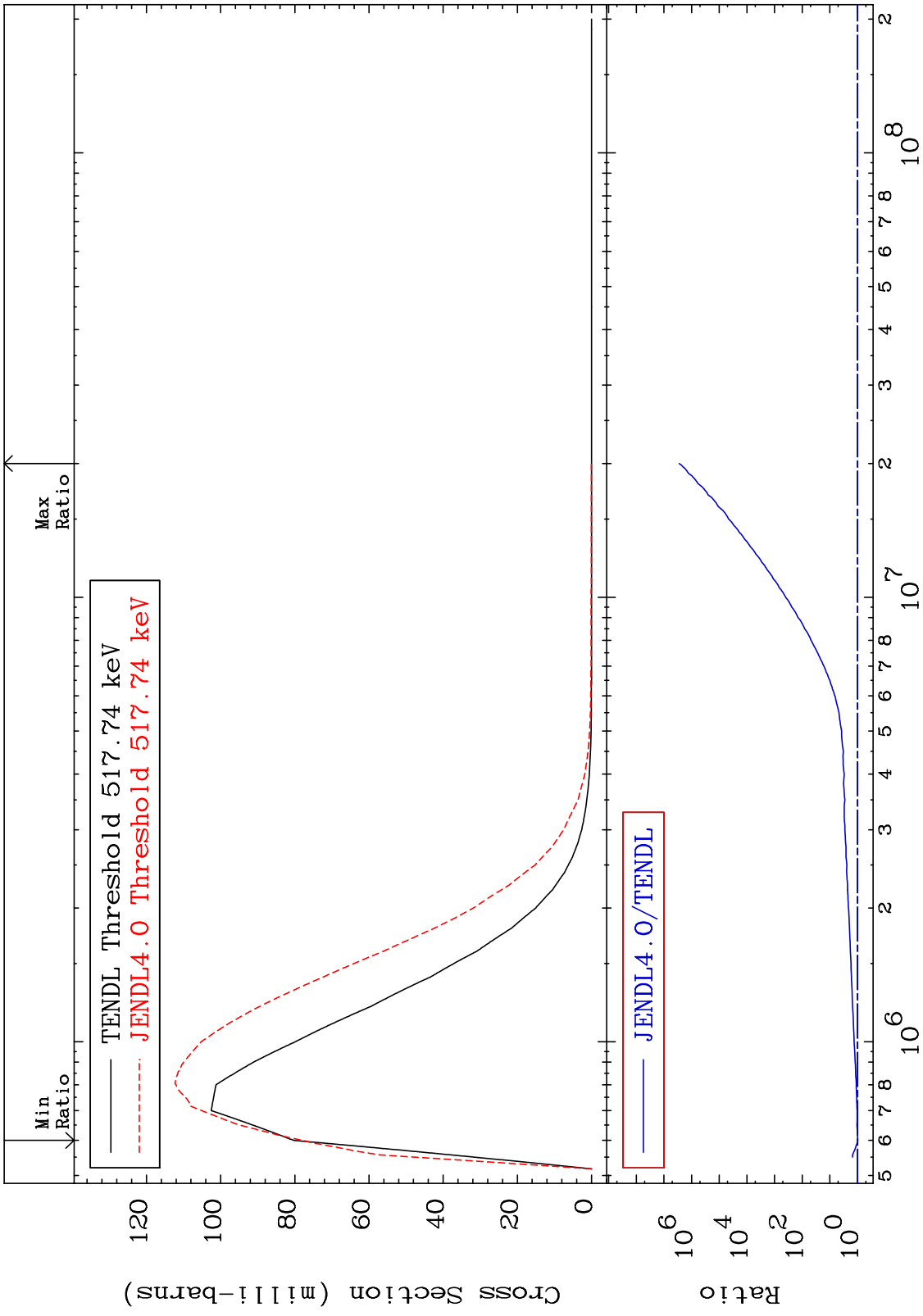
MAT 6646 MT= 64 (n,n') Level Cross Section 66-Dy-163
 -0.024 To 9999. %



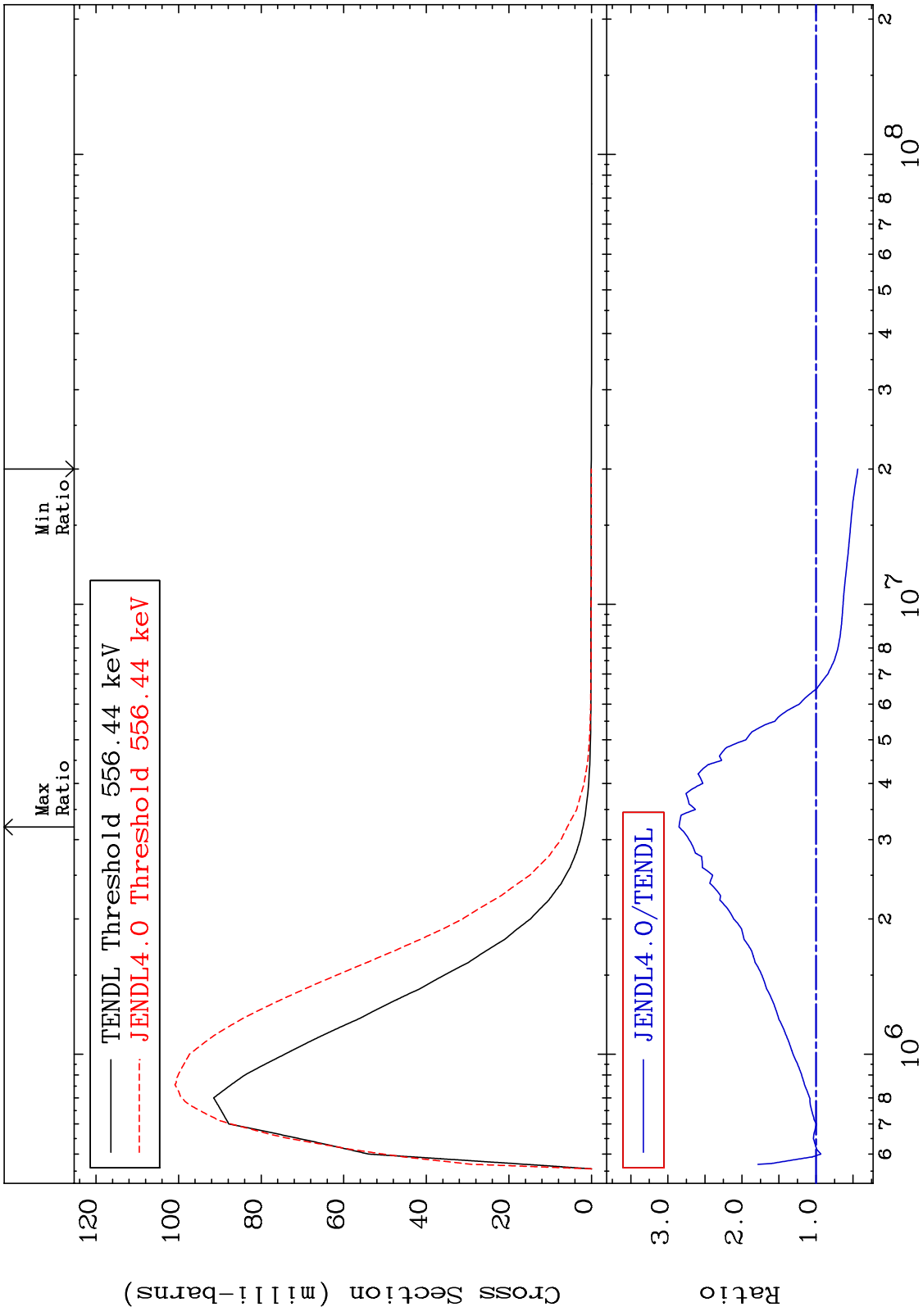
MAT 6646 MT= 65 (n,n') Level Cross Section 66-Dy-163
 -82.94 To 163.0 %



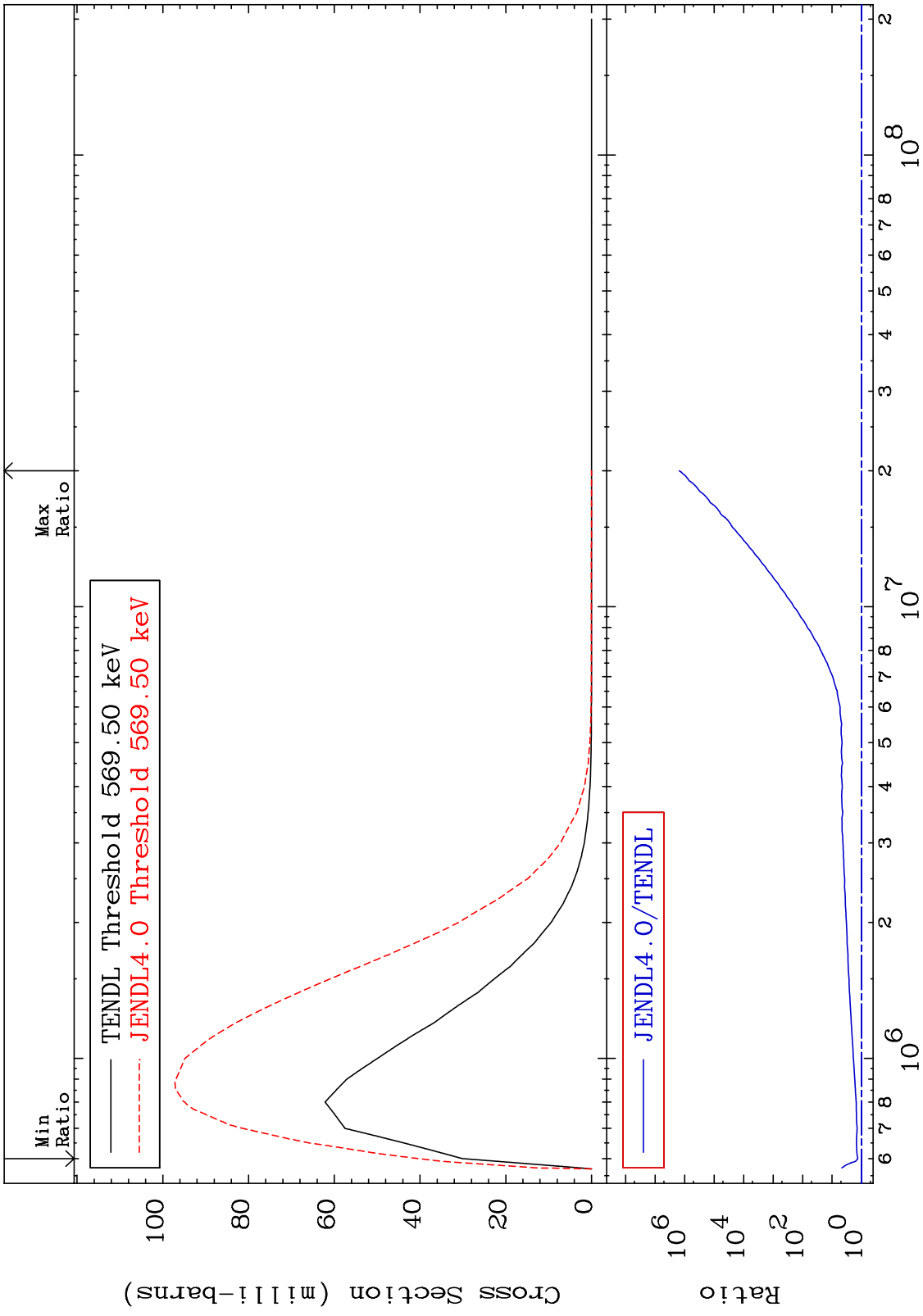
MAT 6646 MT= 66 (n,n') Level Cross Section 66-Dy-163
 -2.904 To 9999. %



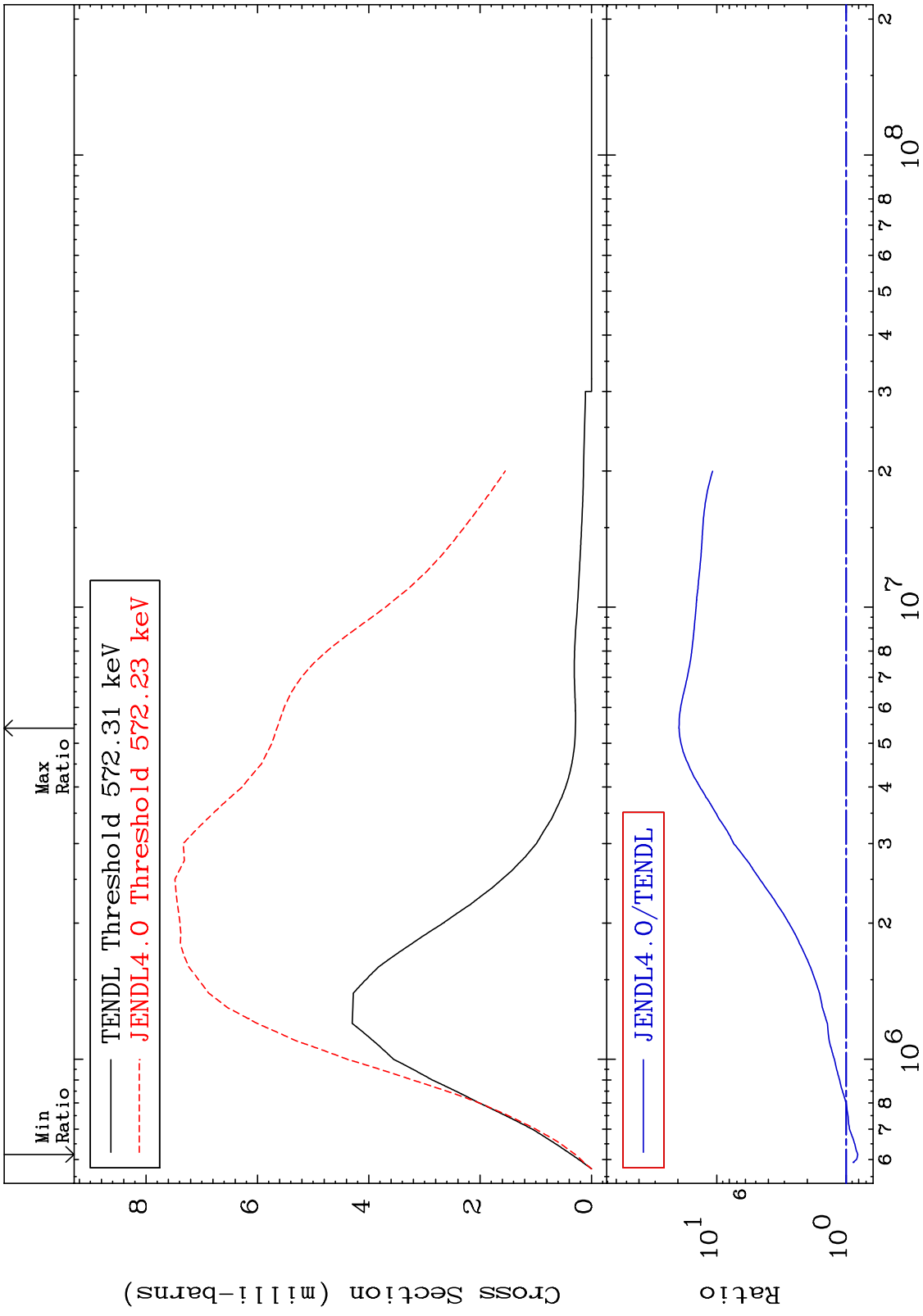
MAT 6646 MT= 67 (n,n') Level Cross Section 66-Dy-163
 -56.50 To 184.9 %



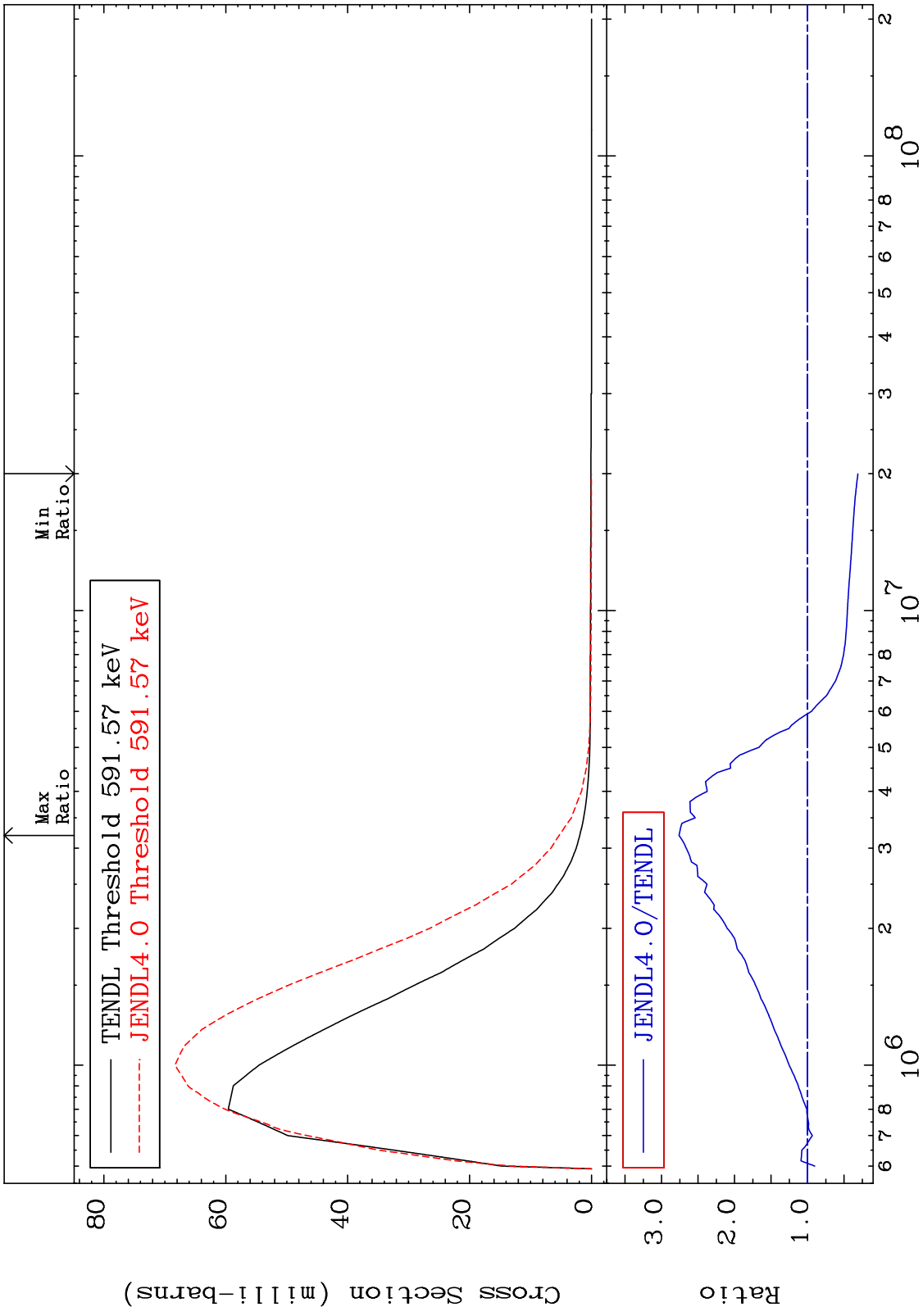
MAT 6646 MT= 68 (n,n') Level Cross Section 66-Dy-163 34.19 To 9999. %



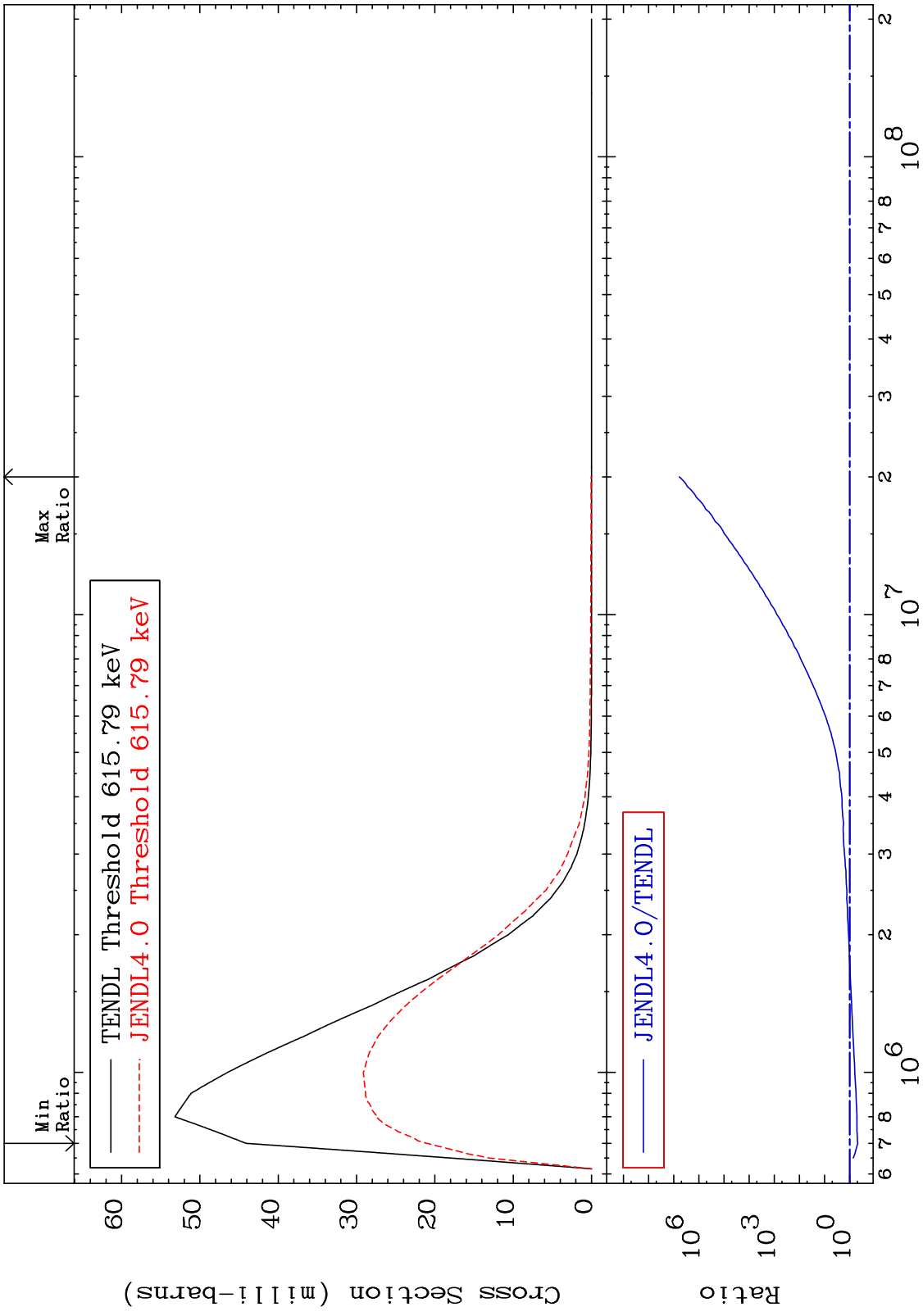
MAT 6646 MT= 69 (n,n') Level Cross Section 66-Dy-163
 -18.85 To 1860. %



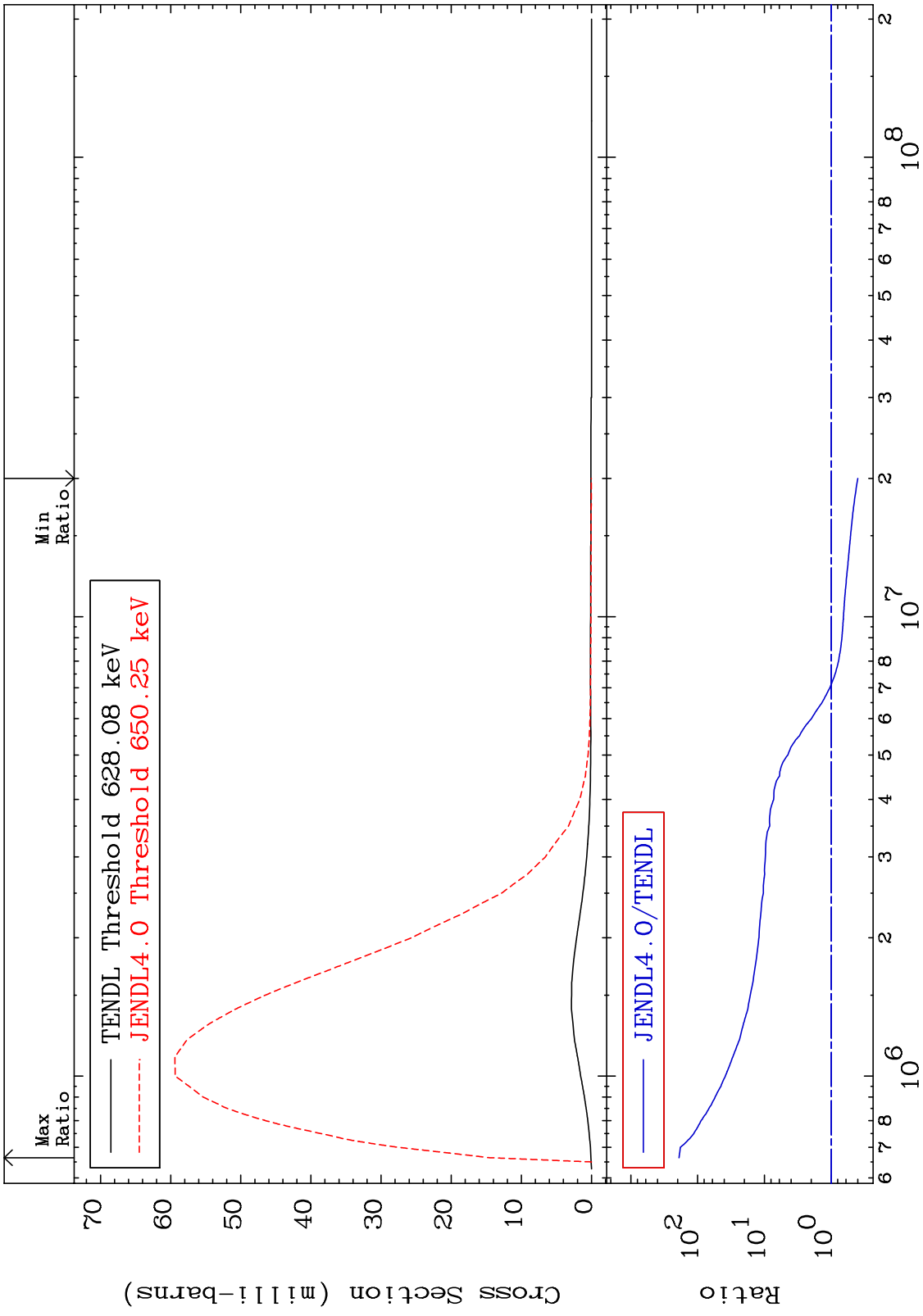
MAT 6646 MT= 70 (n,n') Level Cross Section 66-Dy-163
 -68.83 To 176.0 %



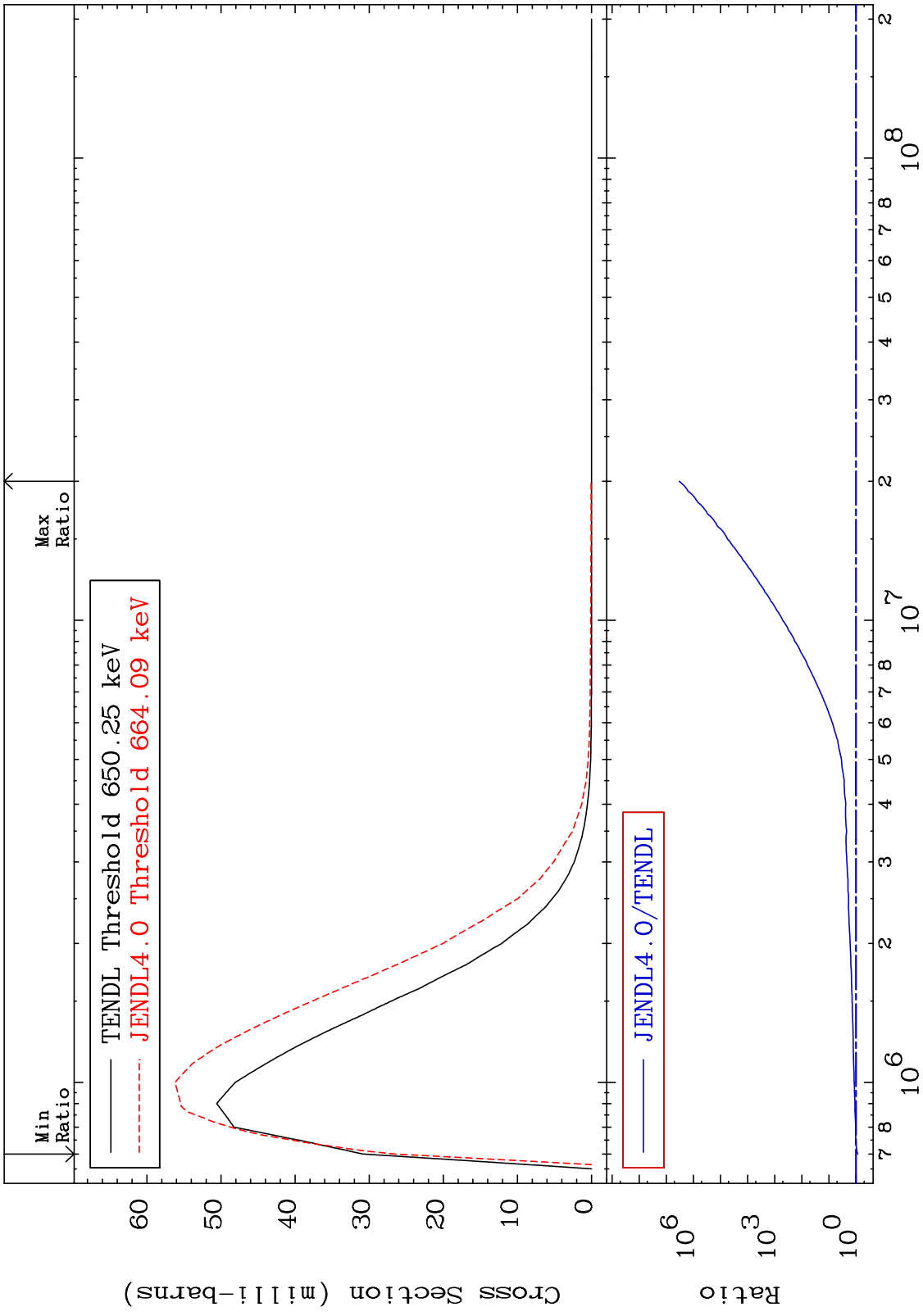
MAT 6646 MT= 71 (n,n') Level Cross Section 66-Dy-163
 -52.38 To 9999. %



MAT 6646 MT= 72 (n,n') Level 66-Dy-163
 Cross Section -60.01 To 9999. %

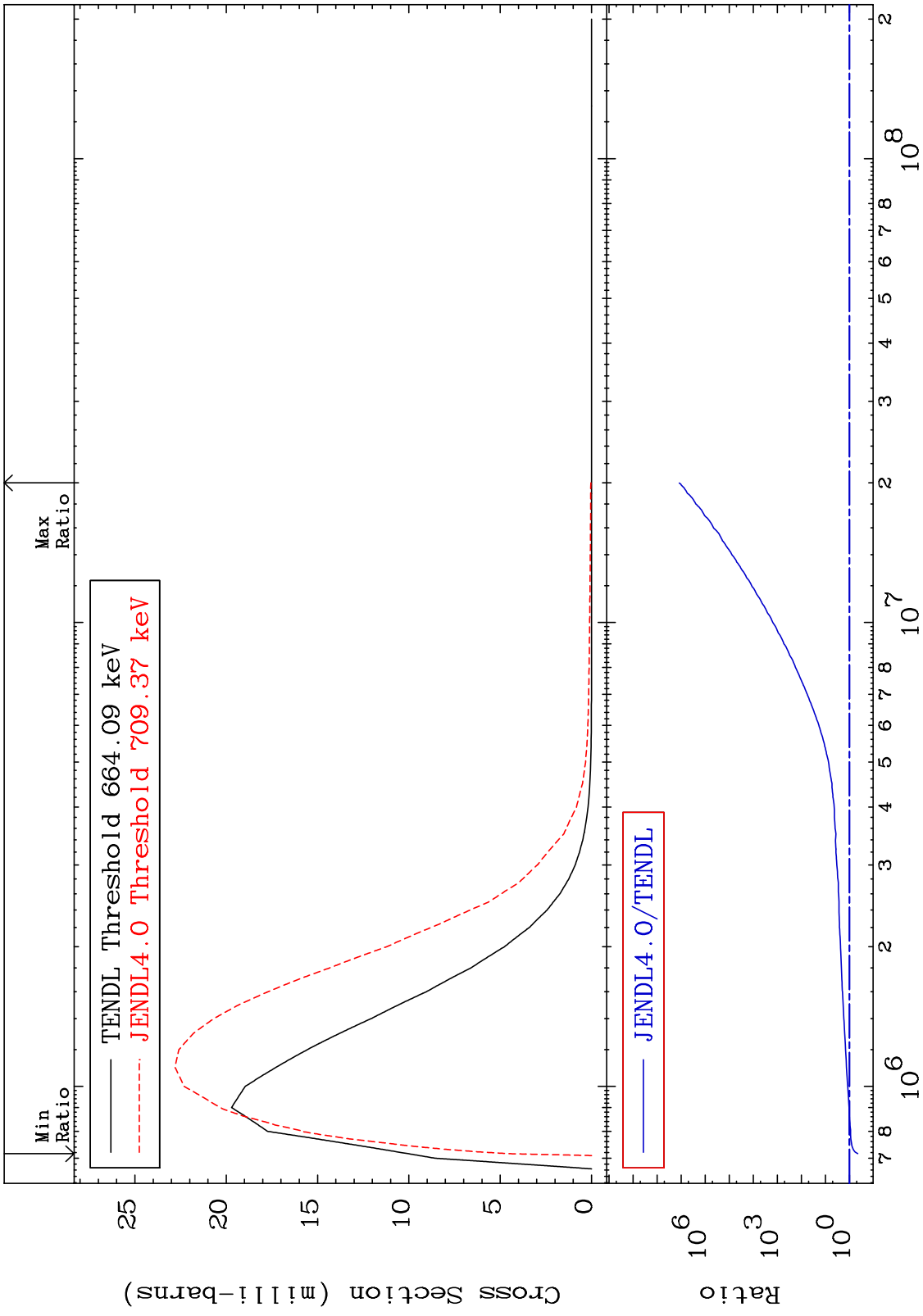


MAT 6646 MT= 73 (n,n') Level 66-Dy-163
 Cross Section -13.94 To 9999. %

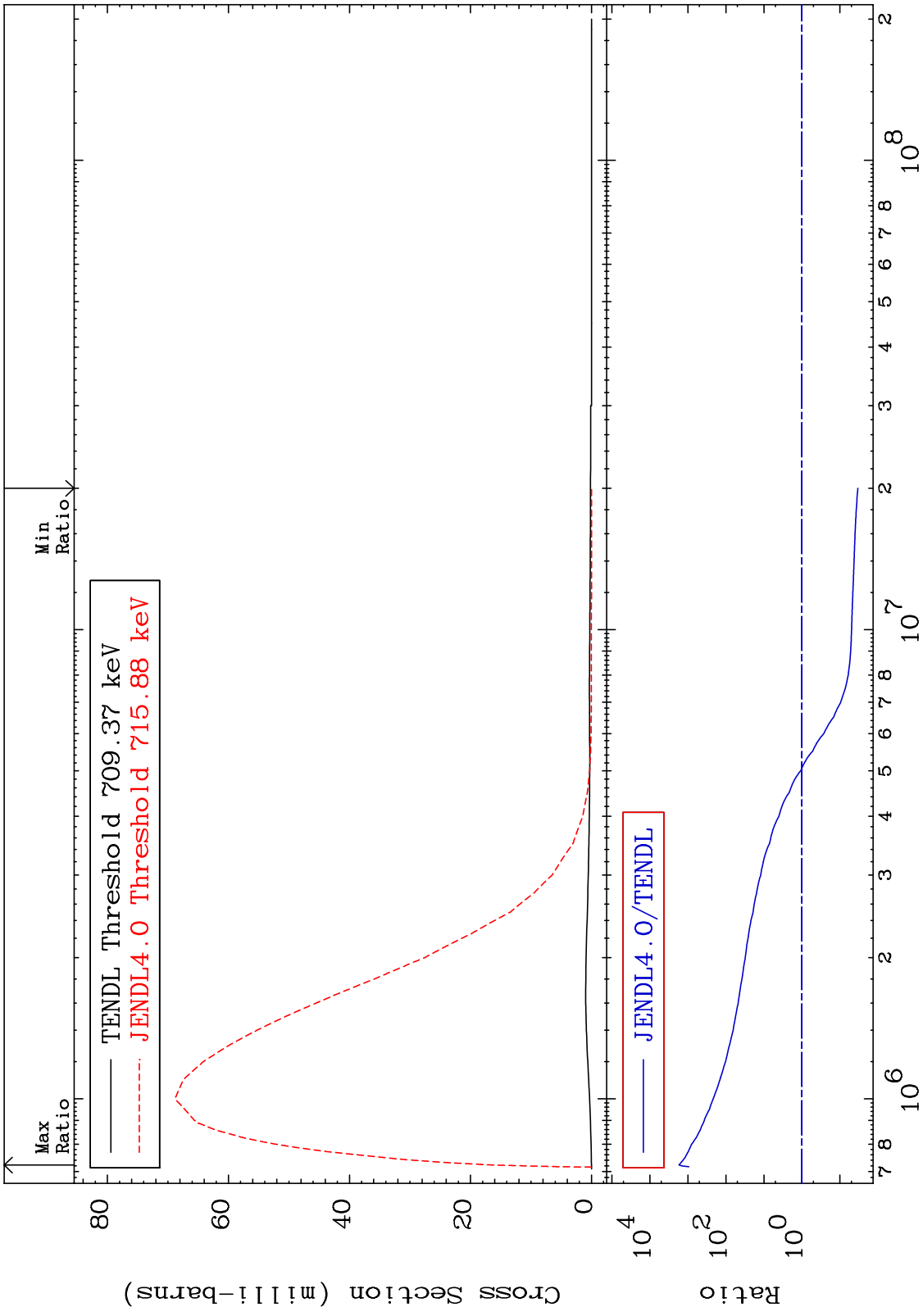


34 66-Dy-163

MAT 6646 MT= 74 (n,n') Level 66-Dy-163
 Cross Section -55.35 To 9999. %

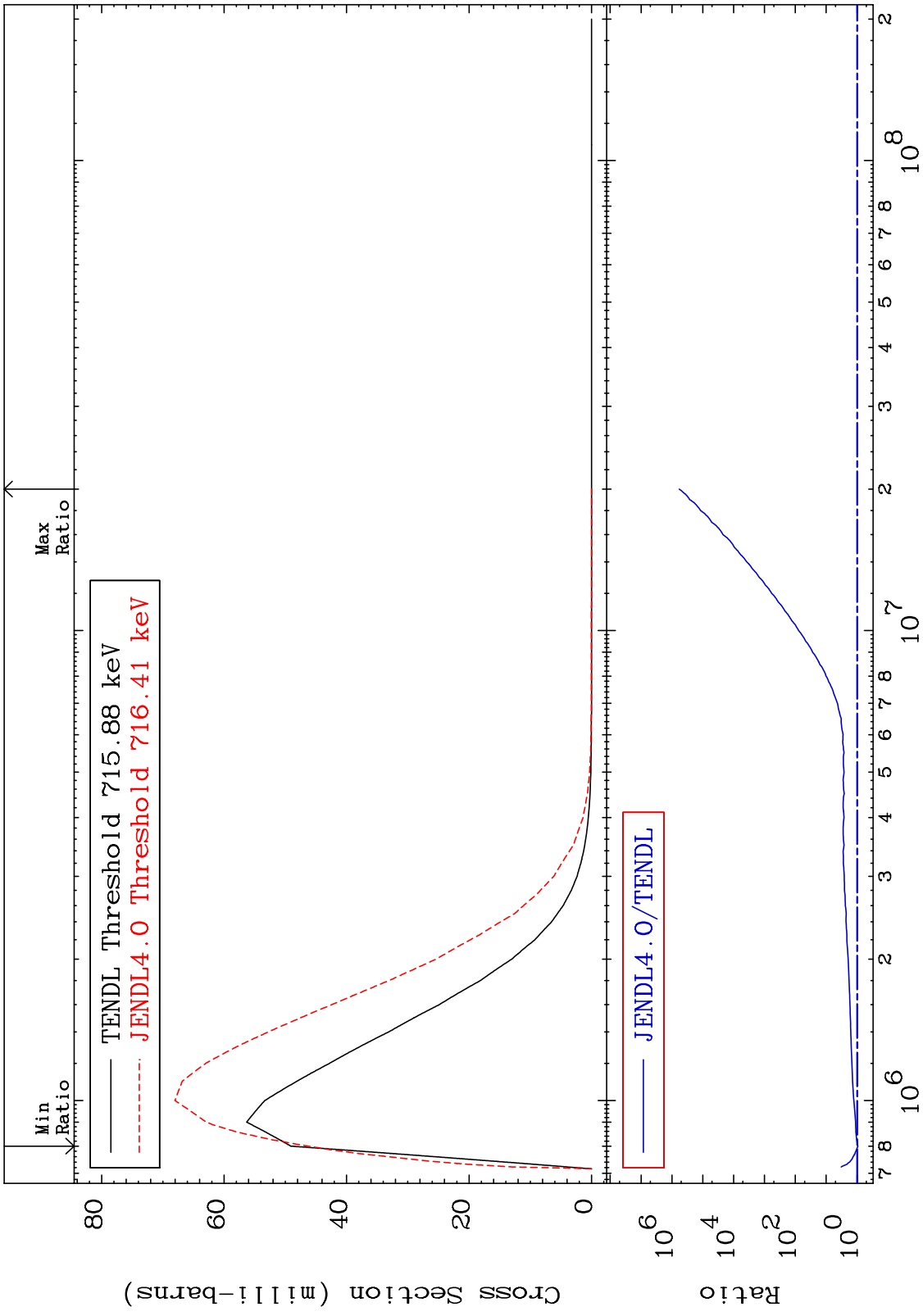


MAT 6646 MT= 75 (n,n') Level Cross Section 66-Dy-163
 -96.62 To 9999. %

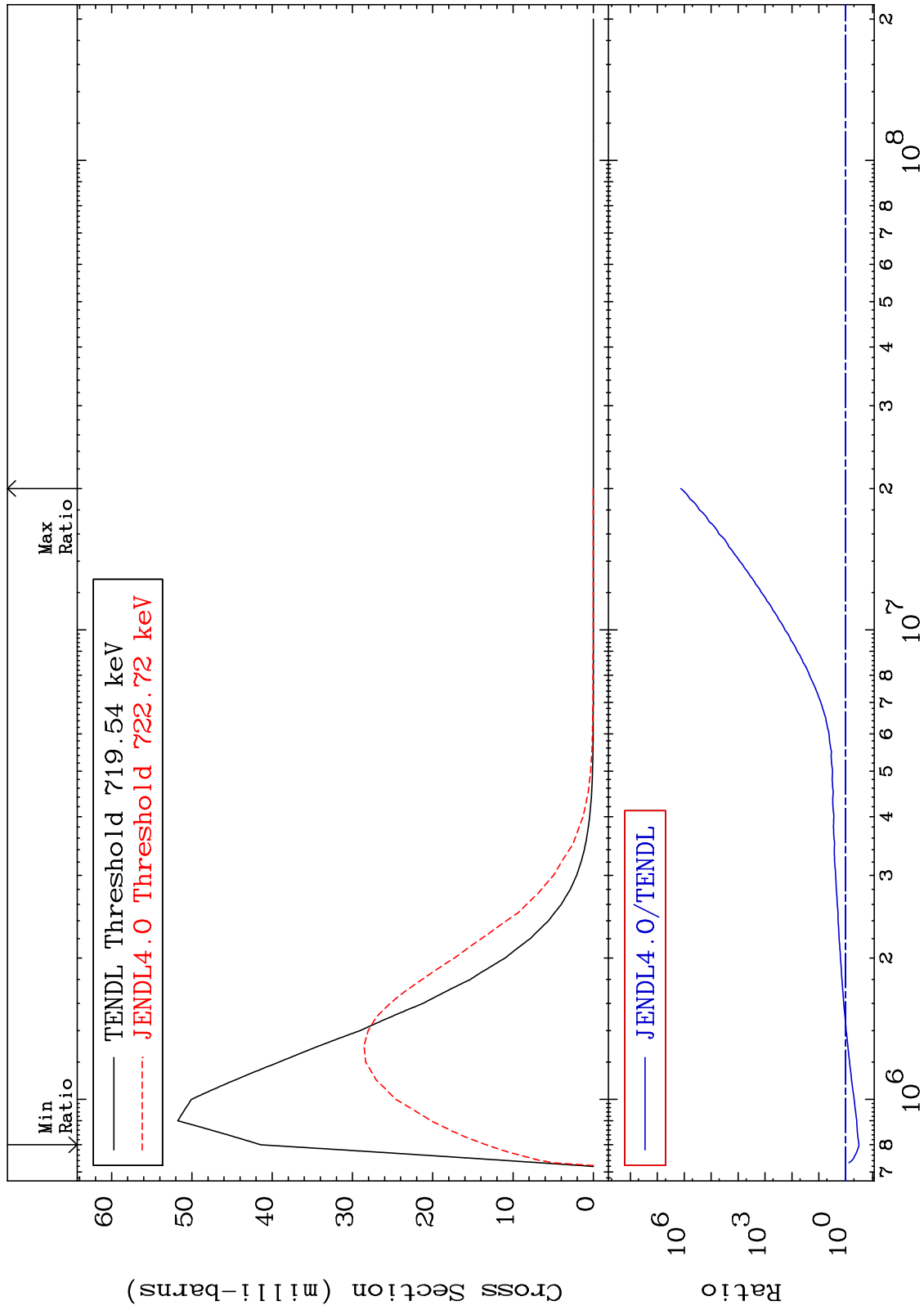


36 Incident Energy (eV) 66-Dy-163

MAT 6646 MT= 76 (n,n') Level 66-Dy-163
 Cross Section -5.869 To 9999. %



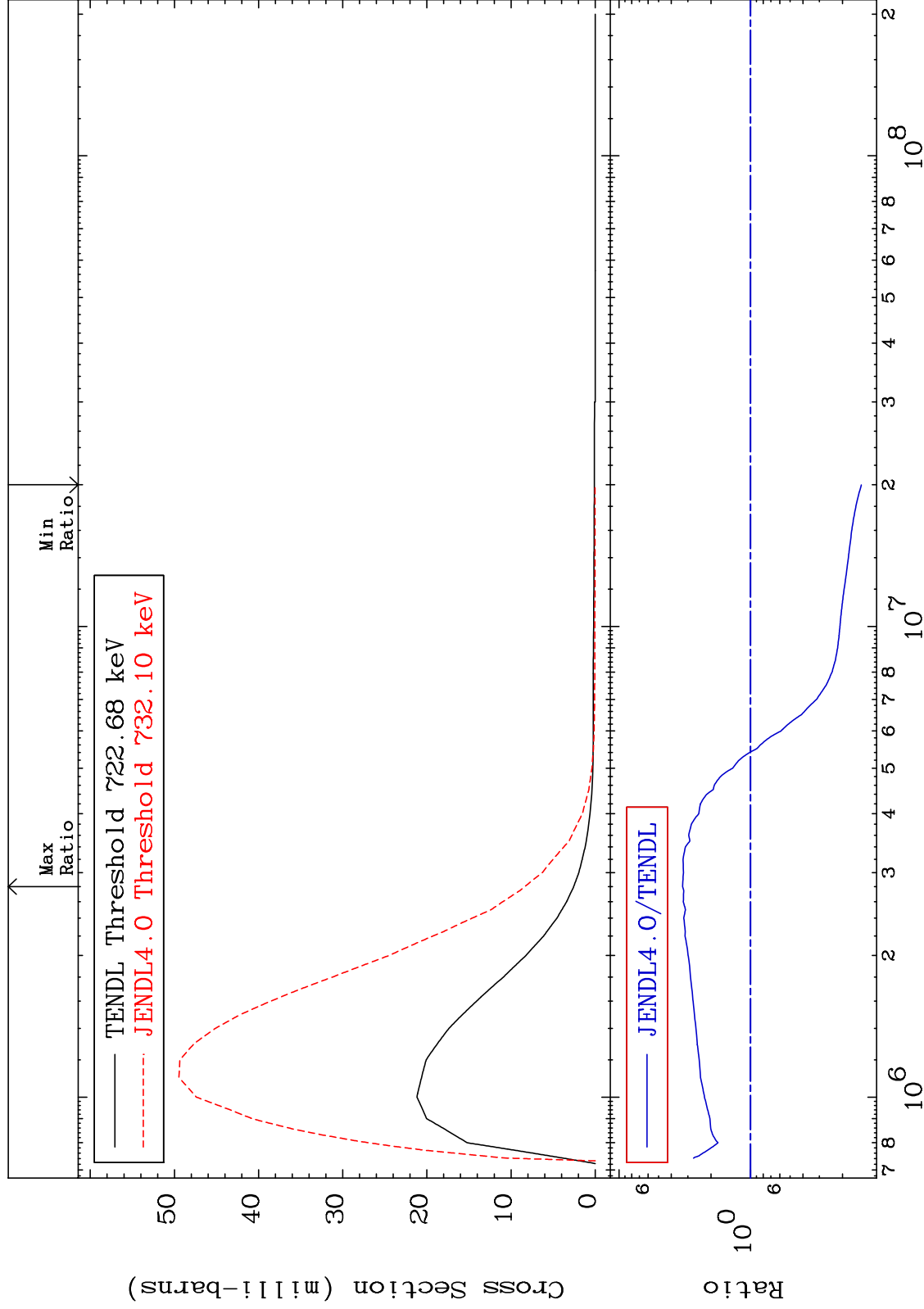
MAT 6646 MT= 77 (n,n') Level 66-Dy-163
 Cross Section -67.79 To 9999. %



MAT 6646

MT= 78 (n,n') Level
Cross Section

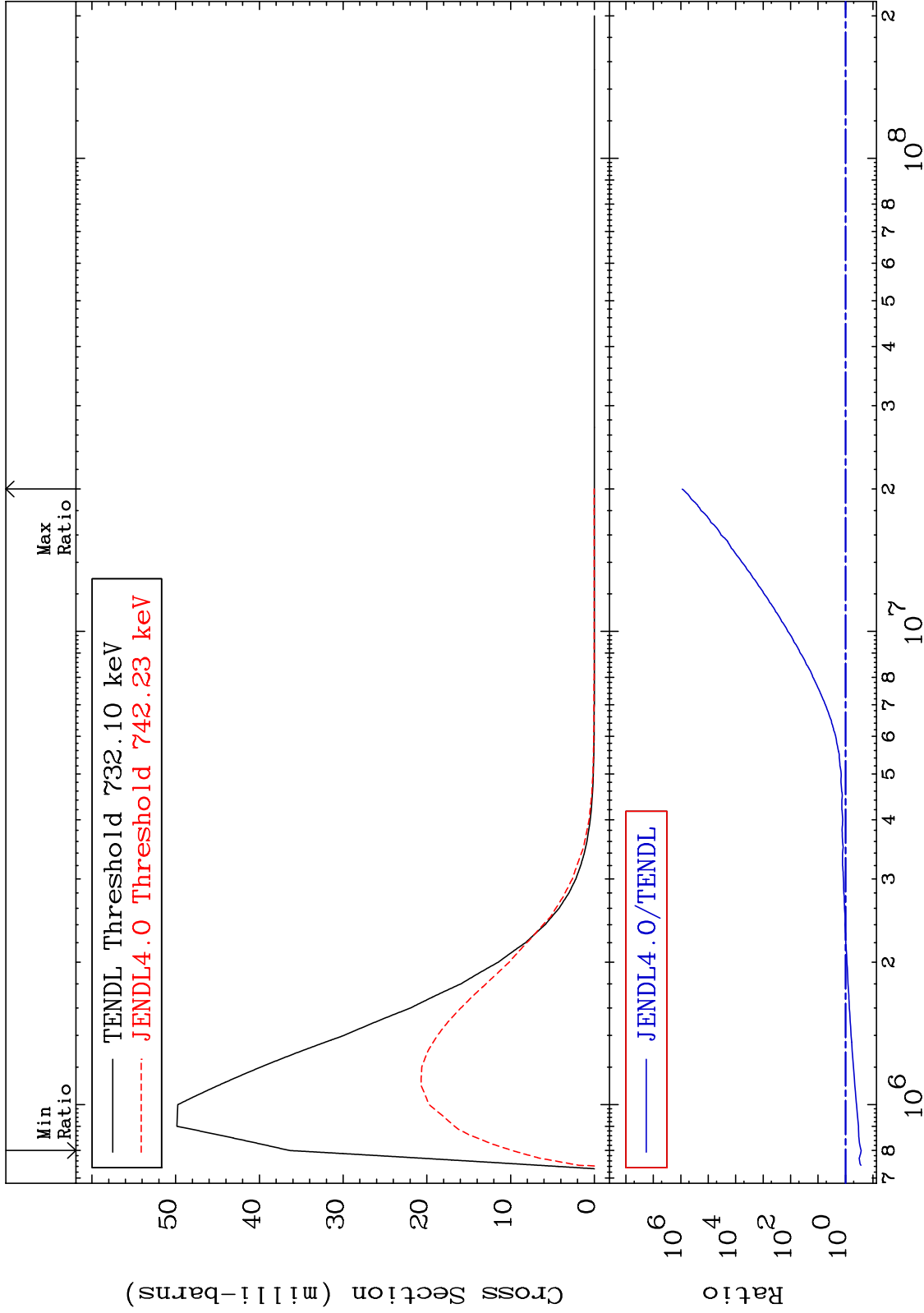
66-Dy-163
-85.62 To 227.9 %



MAT 6646

MT= 79 (n,n') Level
Cross Section

66-Dy-163
-73.10 To 9999. %



40

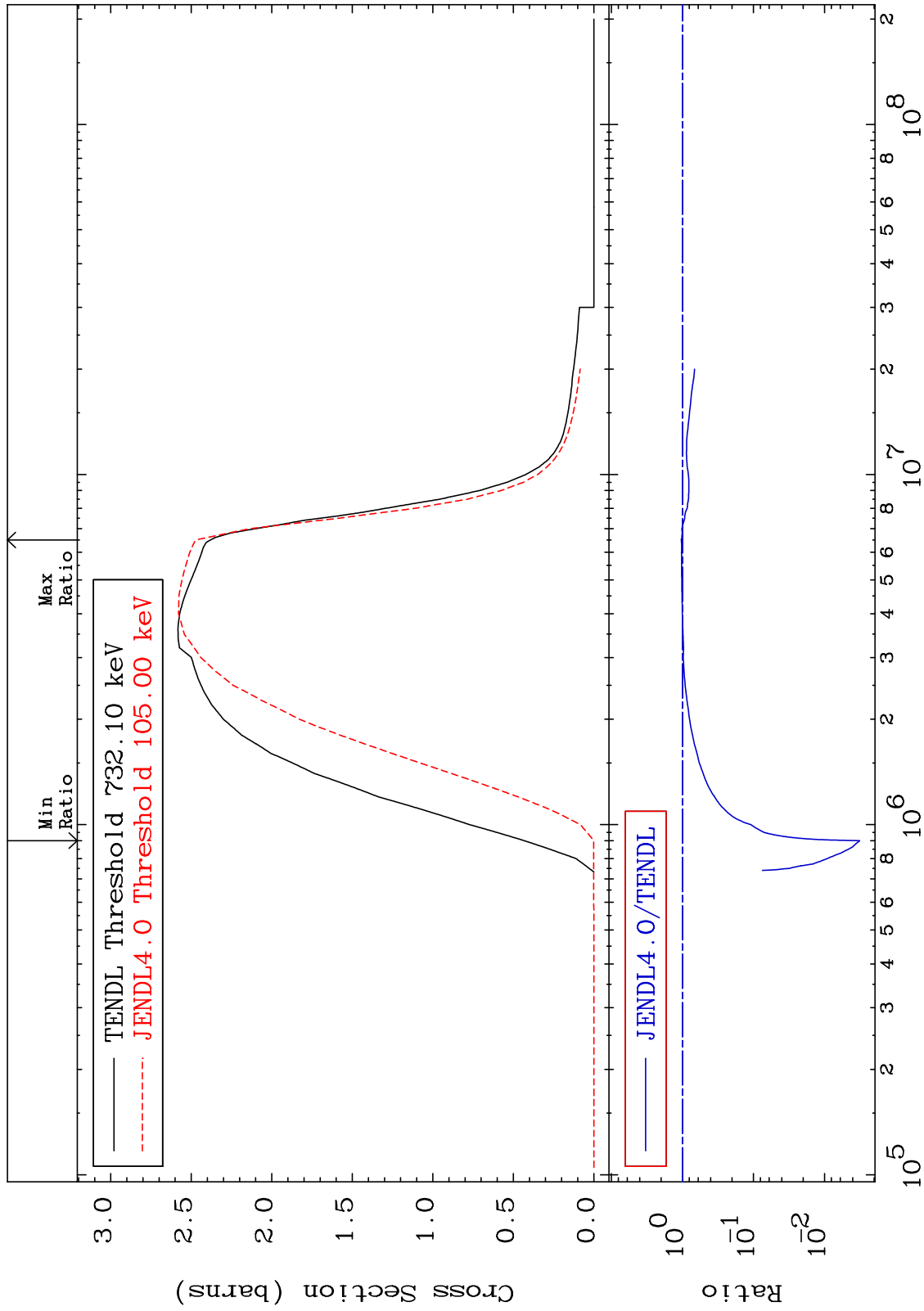
Incident Energy (eV)

66-Dy-163

MAT 6646

(n, n') Continuum
Cross Section

66-Dy-163
-99.68 To 3.932 %



41

Incident Energy (eV)

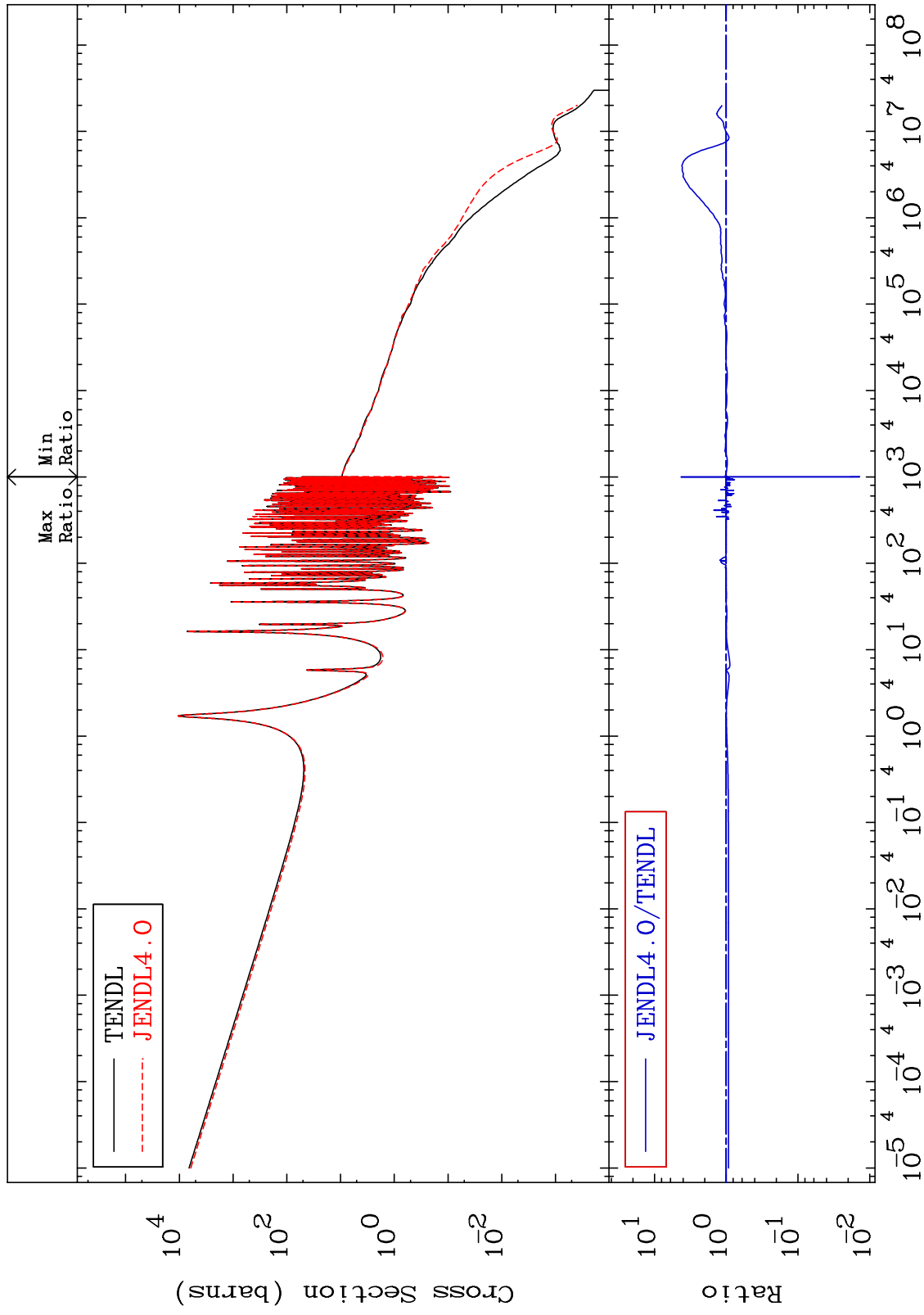
66-Dy-163

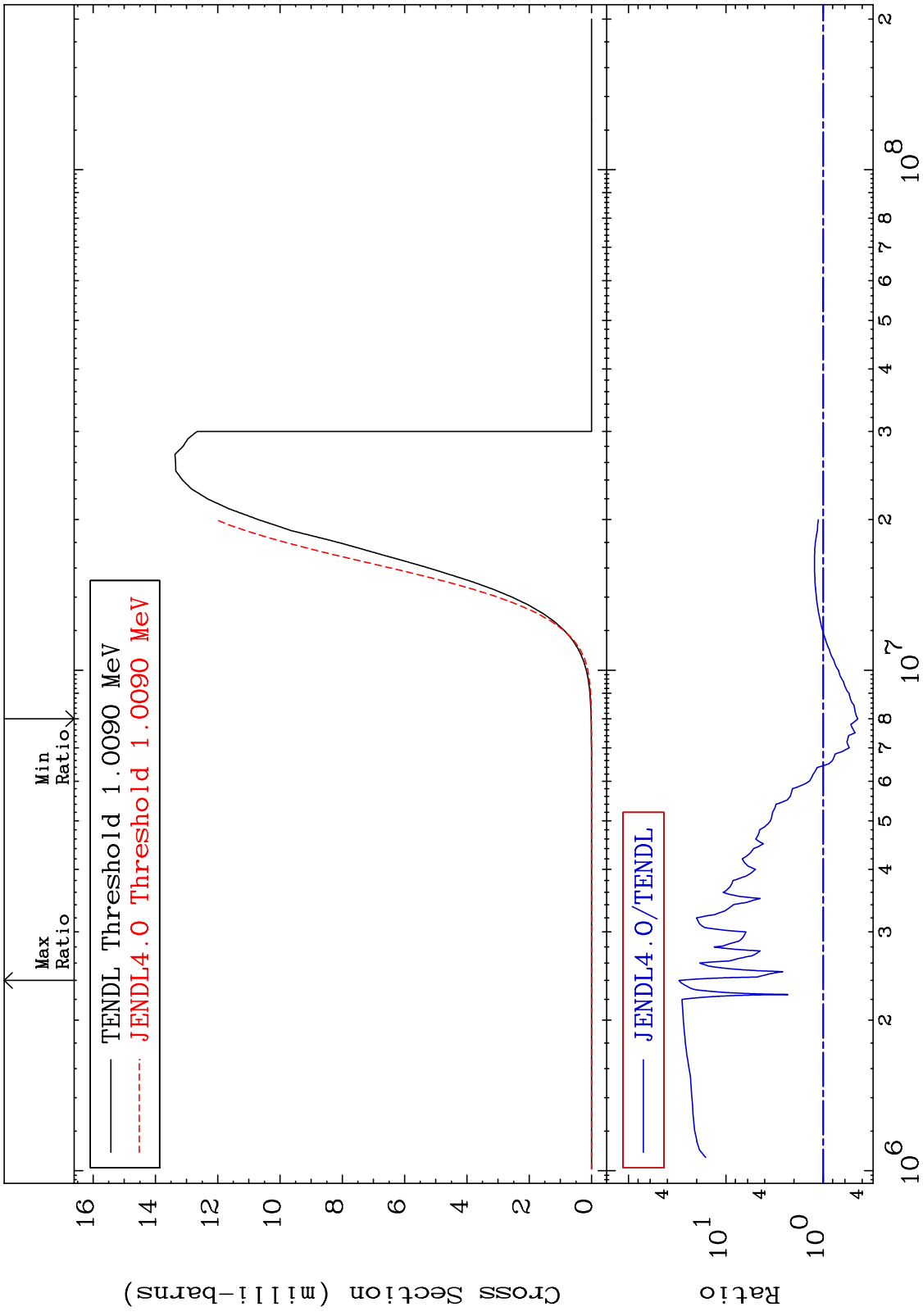
MAT 6646

(n, γ)

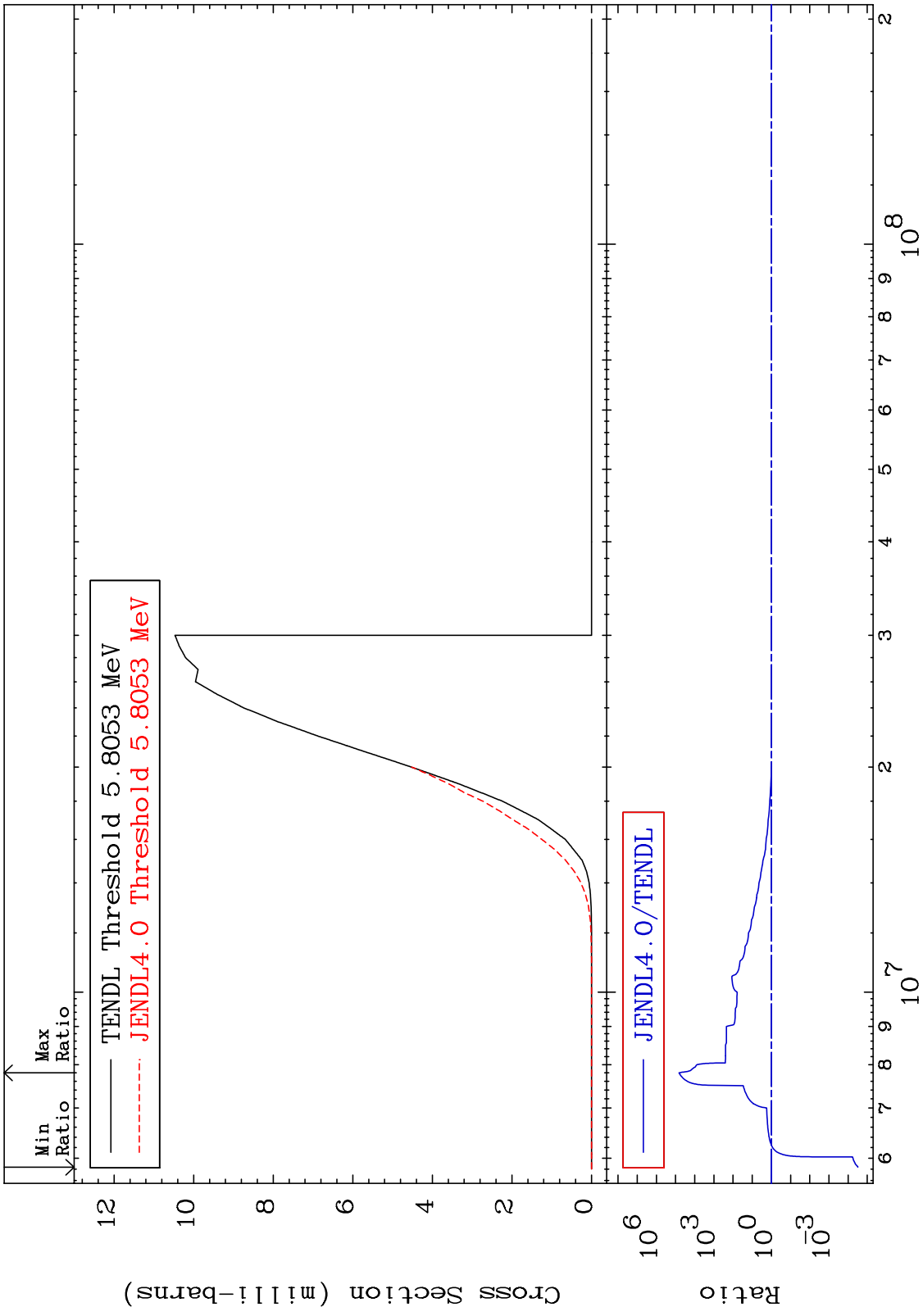
66-Dy-163

-98.62 To 323.8 %

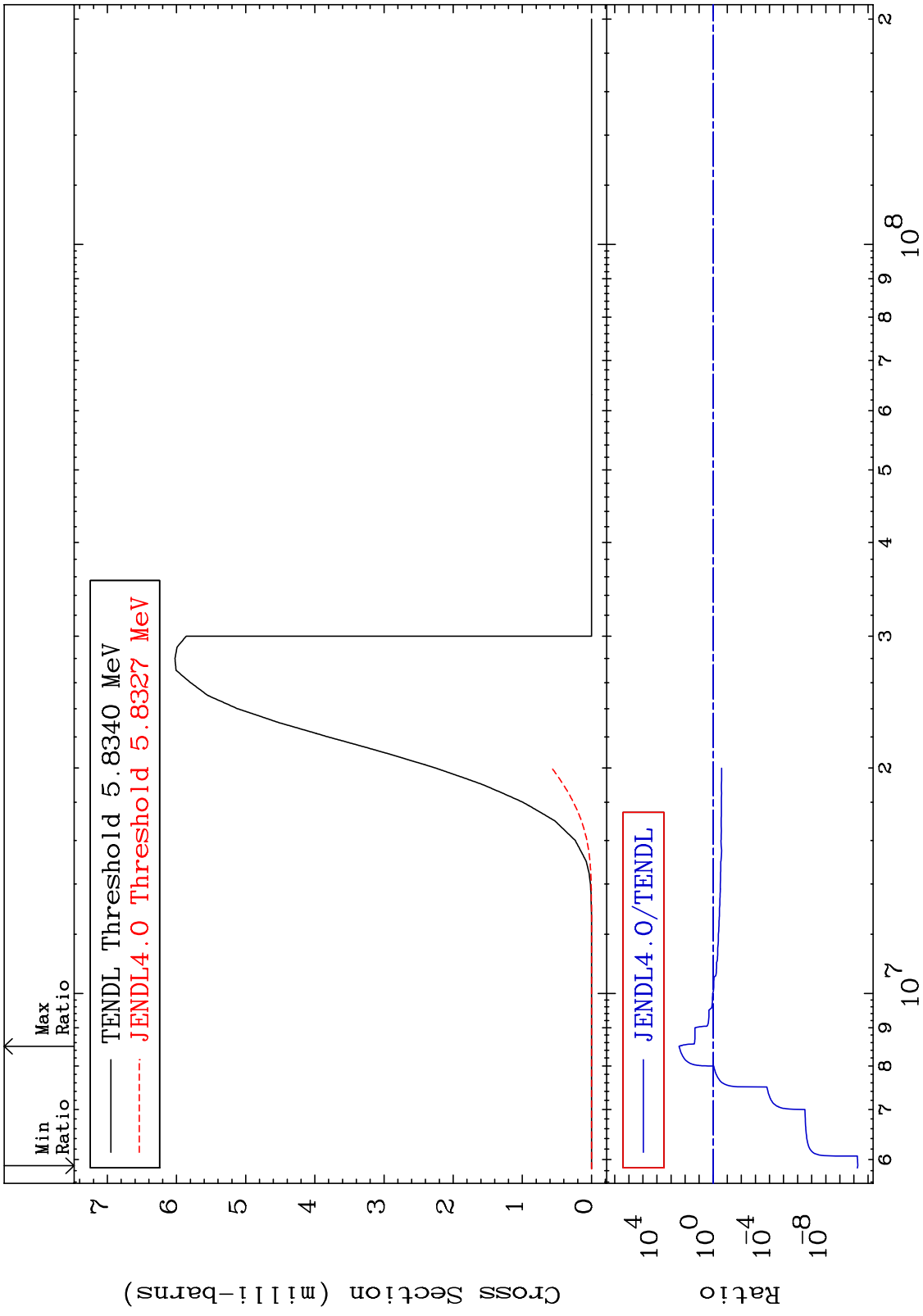




MAT 6646 (n,d) Cross Section 66-Dy-163
 -100.0 To 9999. %



MAT 6646 (n,t) 66-Dy-163
Cross Section -100.0 To 9999. %



66-Dy-163

Incident Energy (eV)

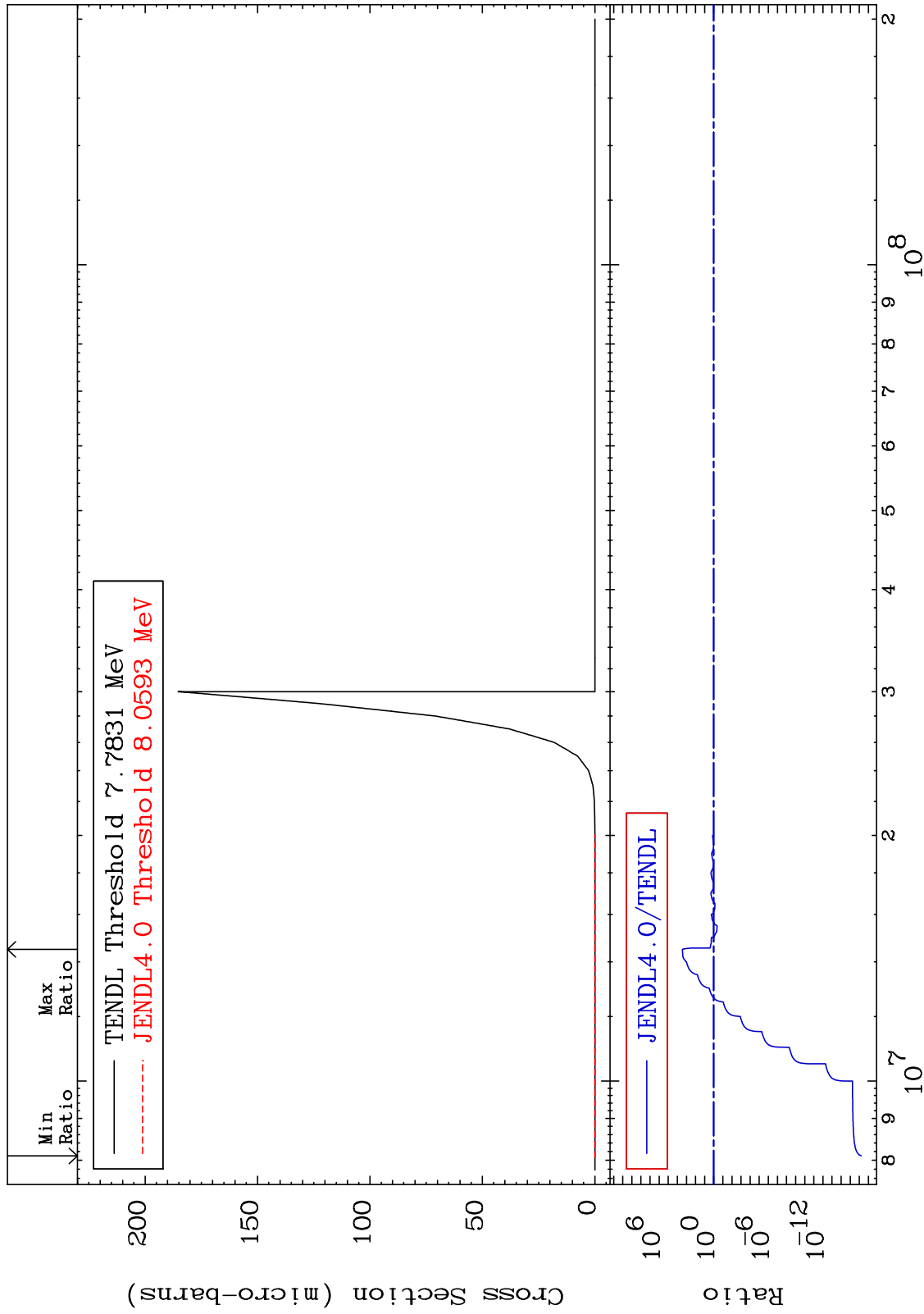
MAT 6646

(n, He-3)

66-Dy-163

Cross Section

-100.0 To 9999. %



46

Incident Energy (eV)

66-Dy-163

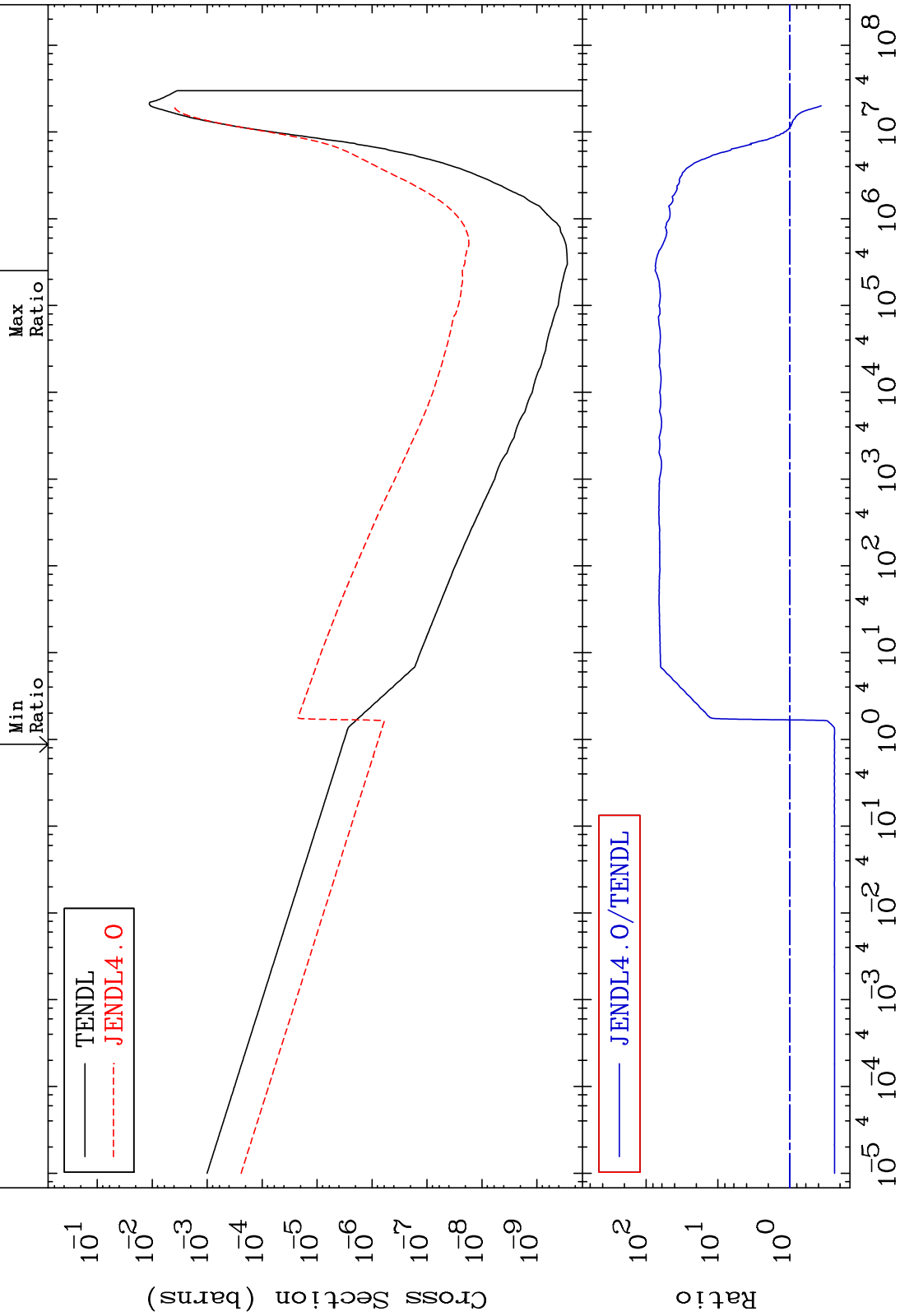
MAT 6646

(n, α)

66-Dy-163

-76.13 To 7362. %

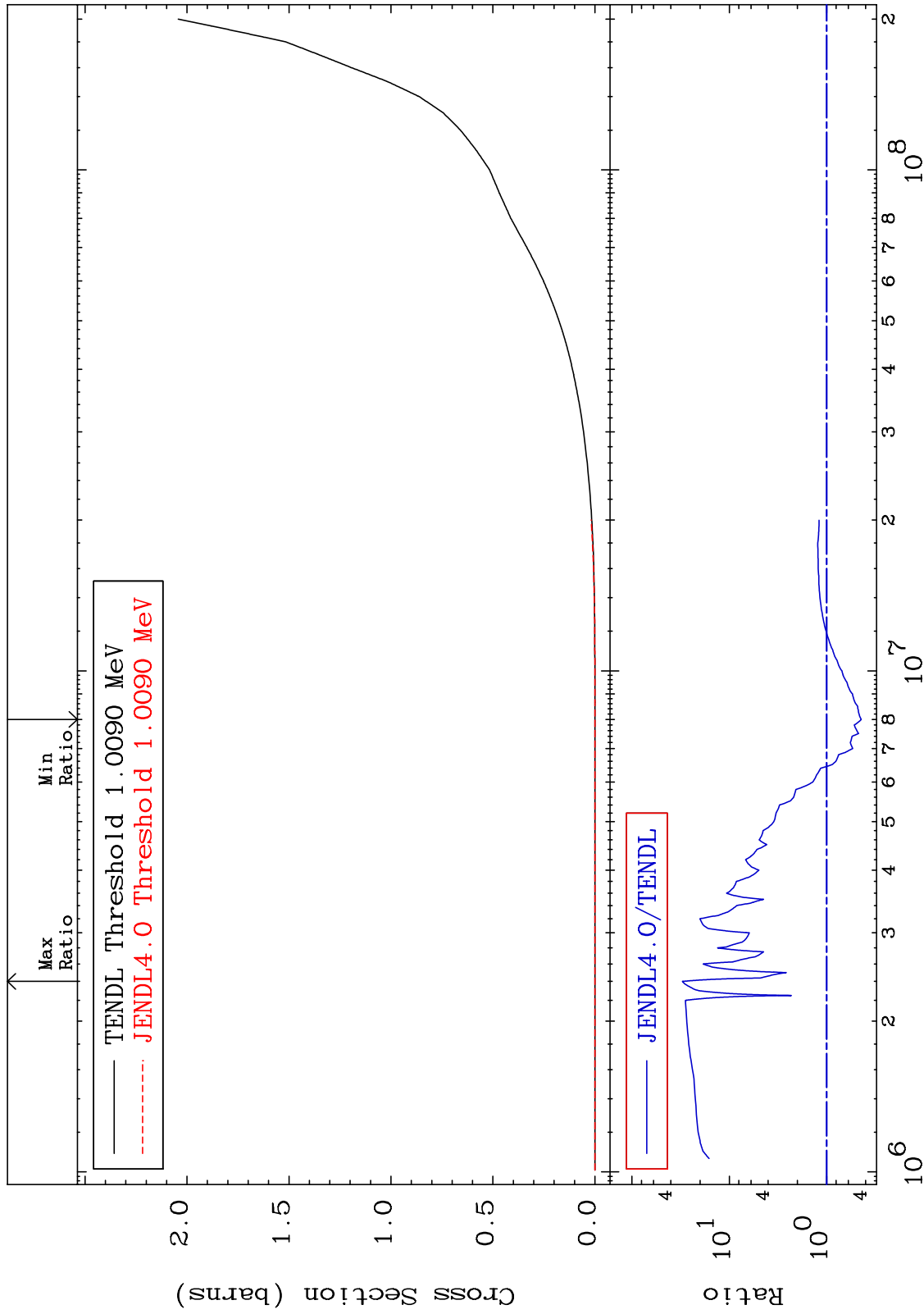
Cross Section



MAT 6646

Hydrogen Production
Cross Section

66-Dy-163
-55.79 To 2932. %



48

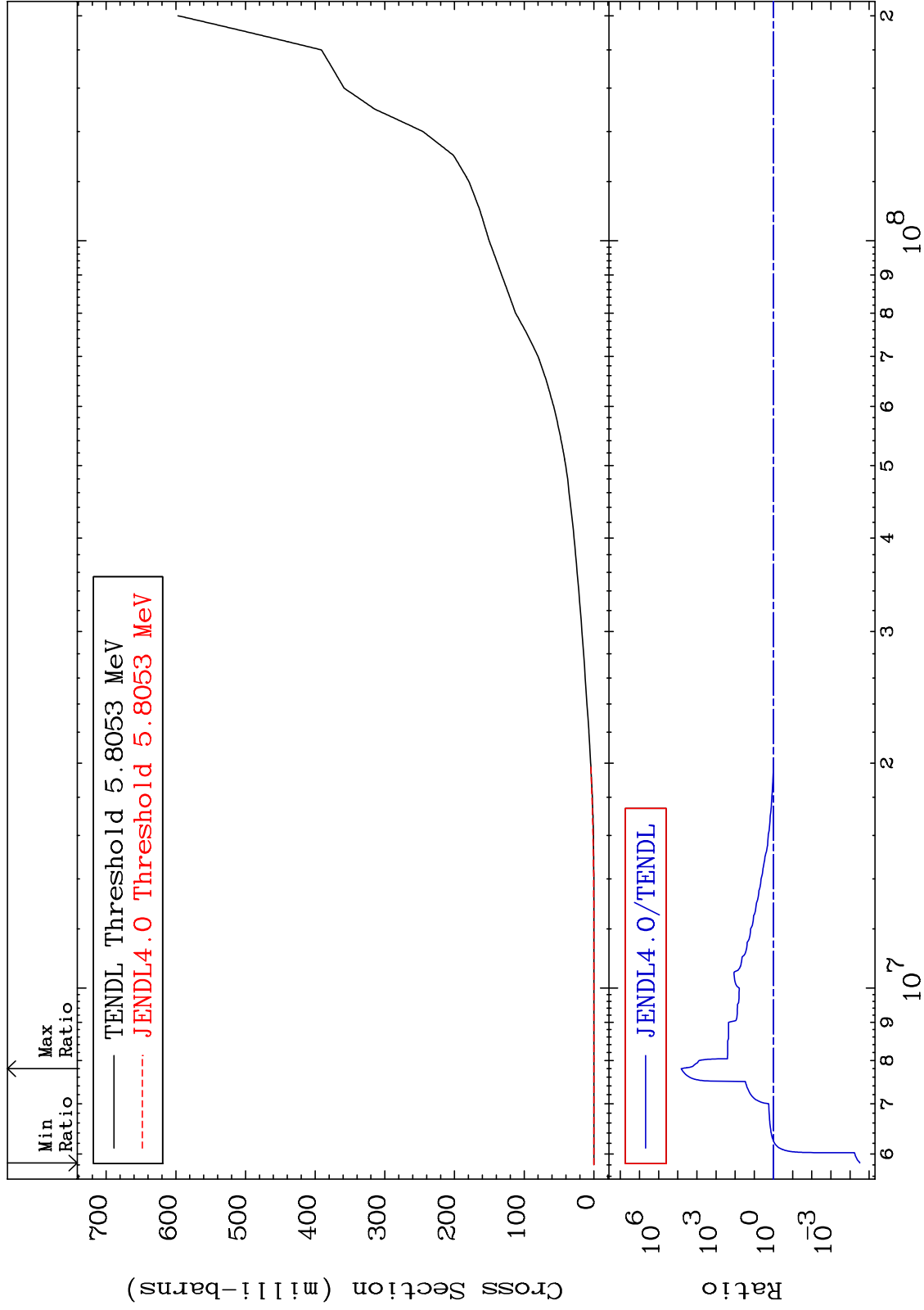
Incident Energy (eV)

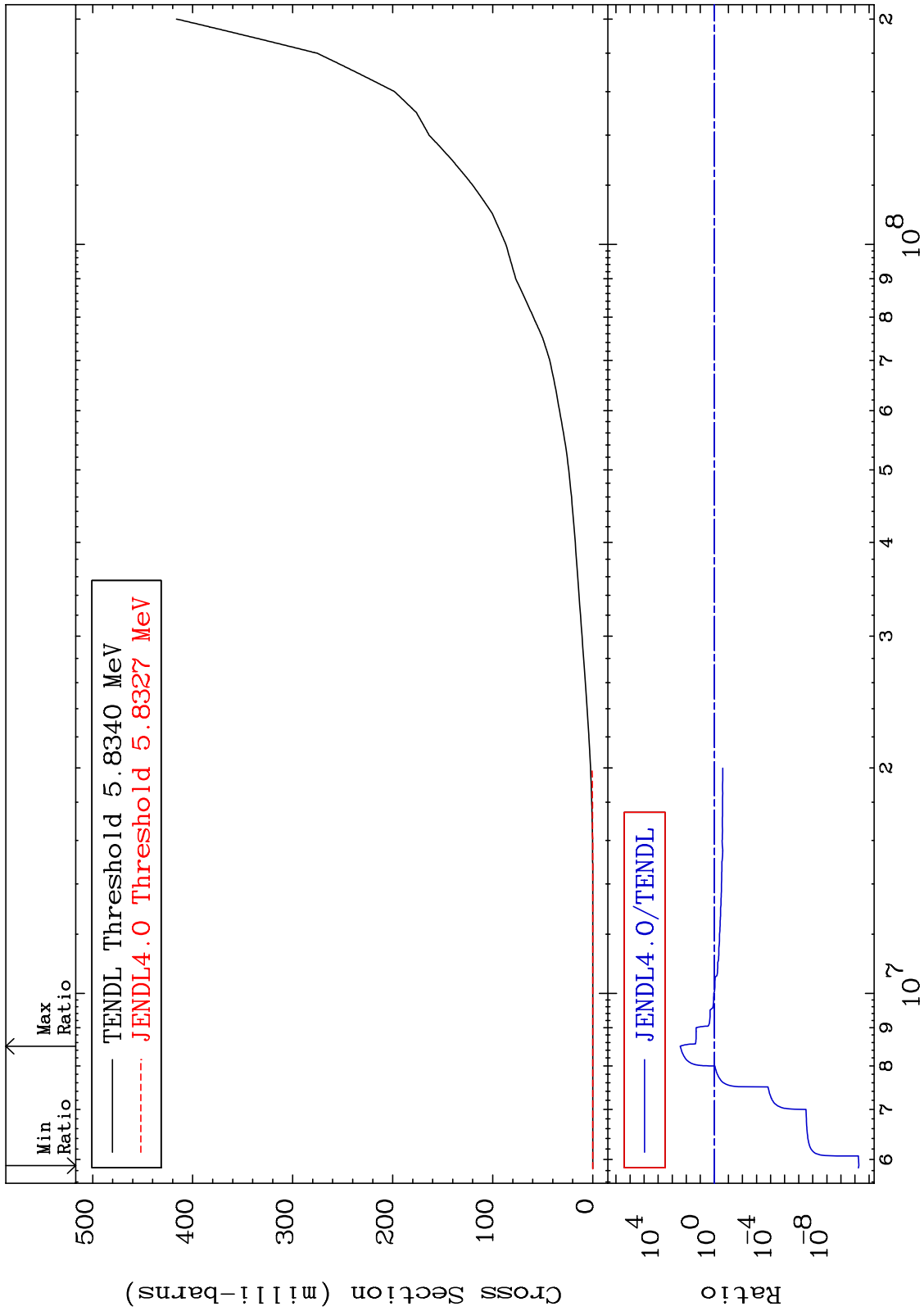
66-Dy-163

MAT 6646

Deuterium Production
Cross Section

66-Dy-163
-100.0 To 9999. %

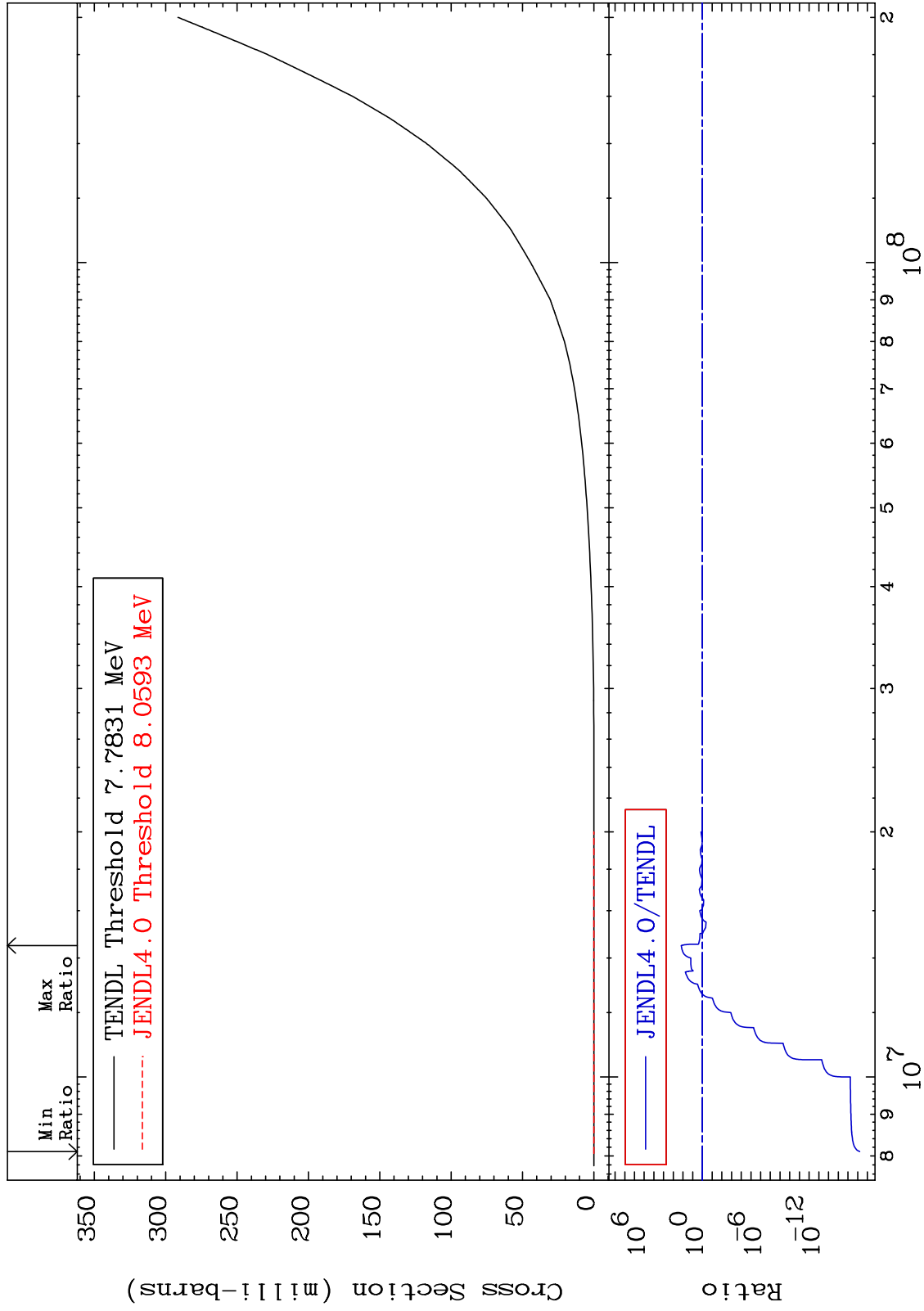




MAT 6646

He-3 Production
Cross Section

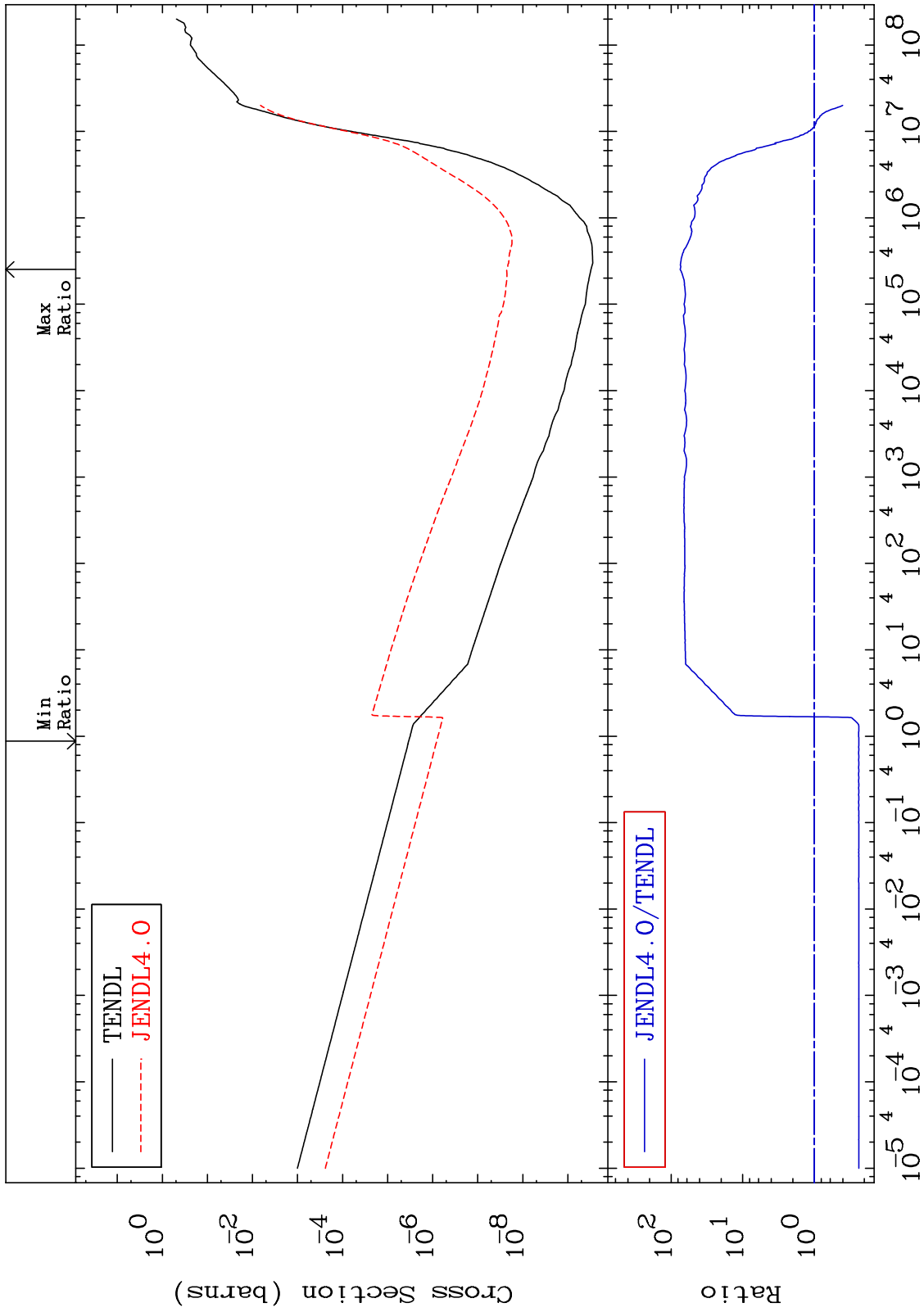
66-Dy-163
-100.0 To 9999. %



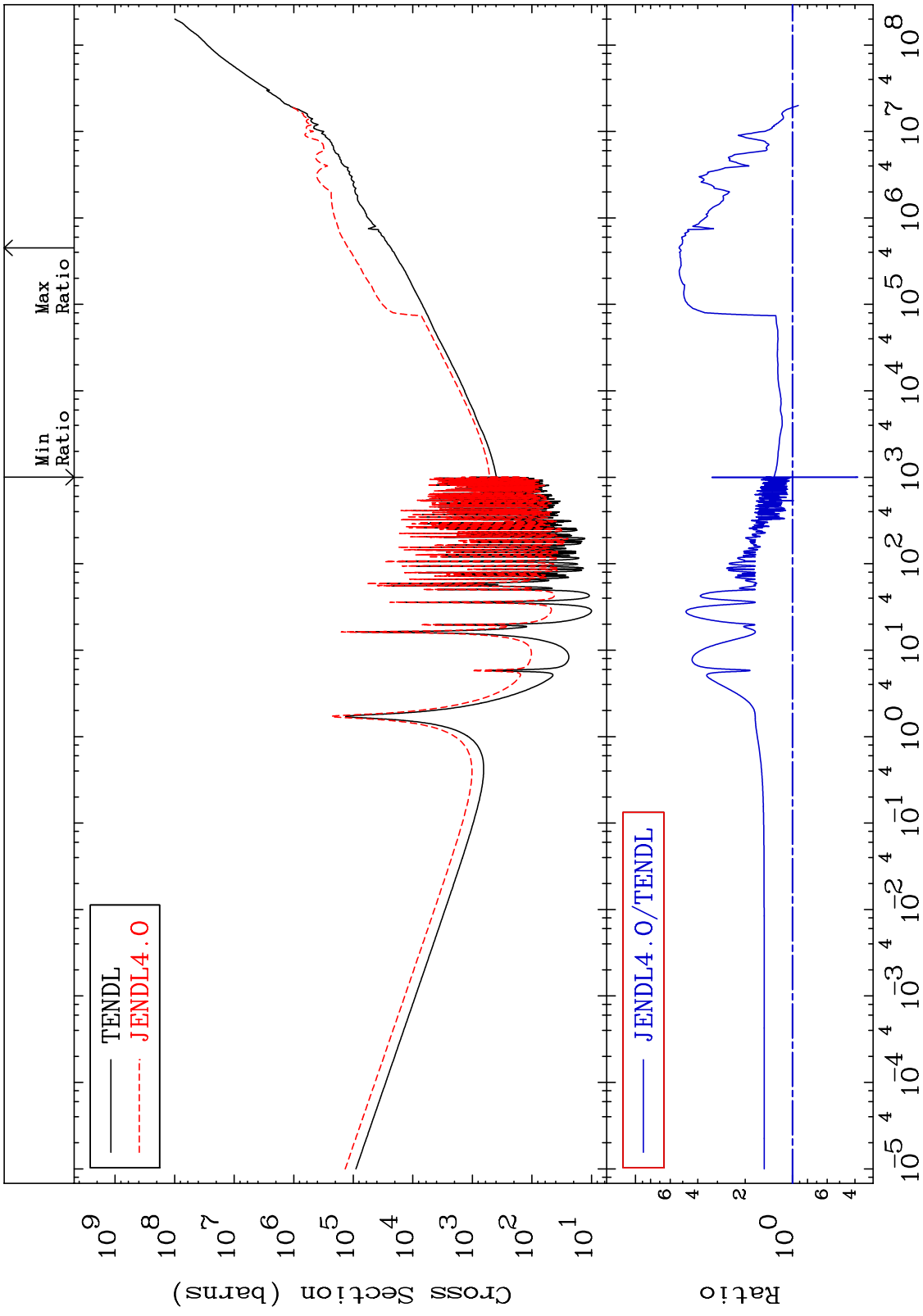
MAT 6646

He-4 Production
Cross Section

66-Dy-163
-76.13 To 7362. %



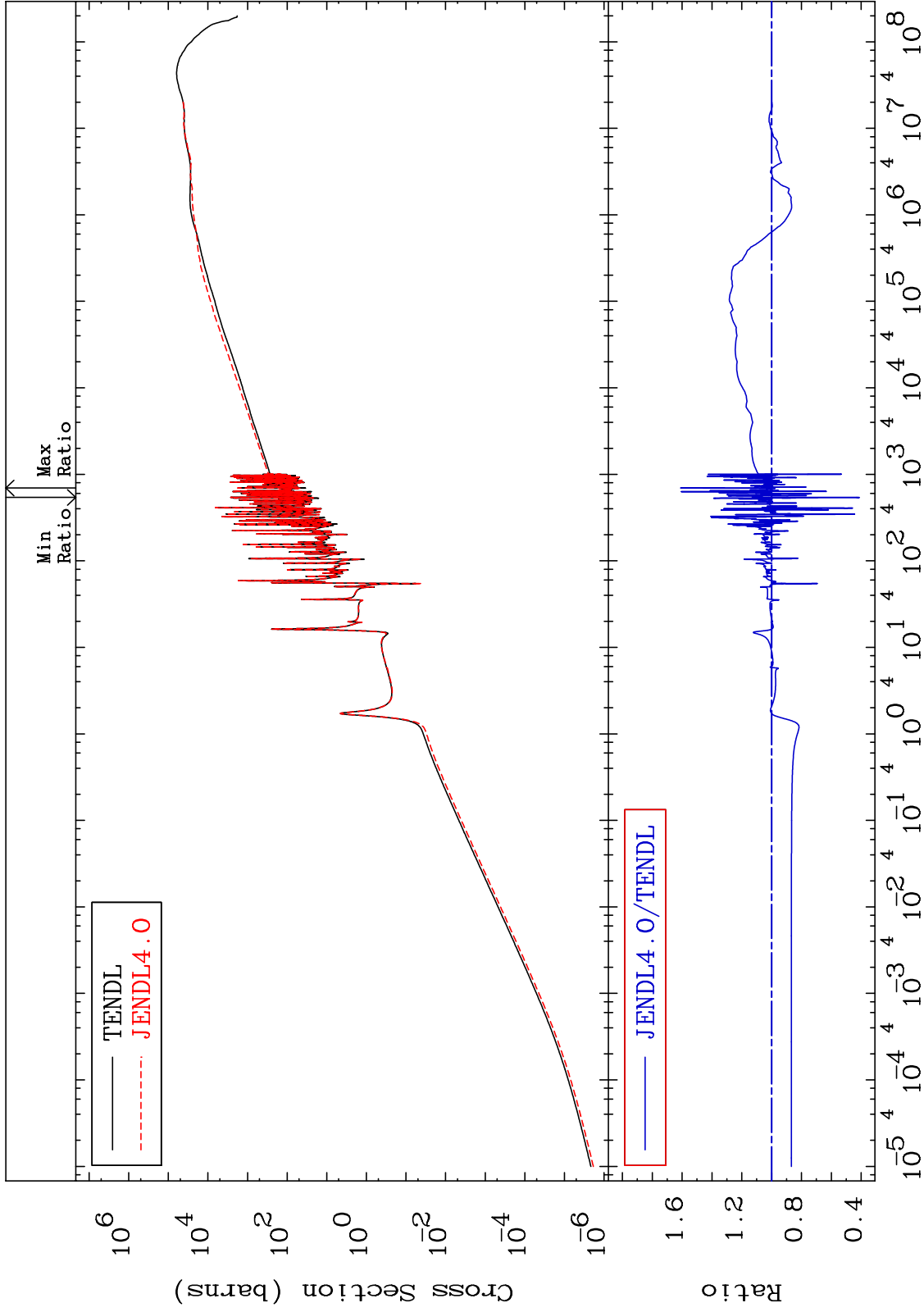
MAT 6646 Kerma total (eV-barns) 66-Dy-163
 Cross Section -61.69 To 427.1 %



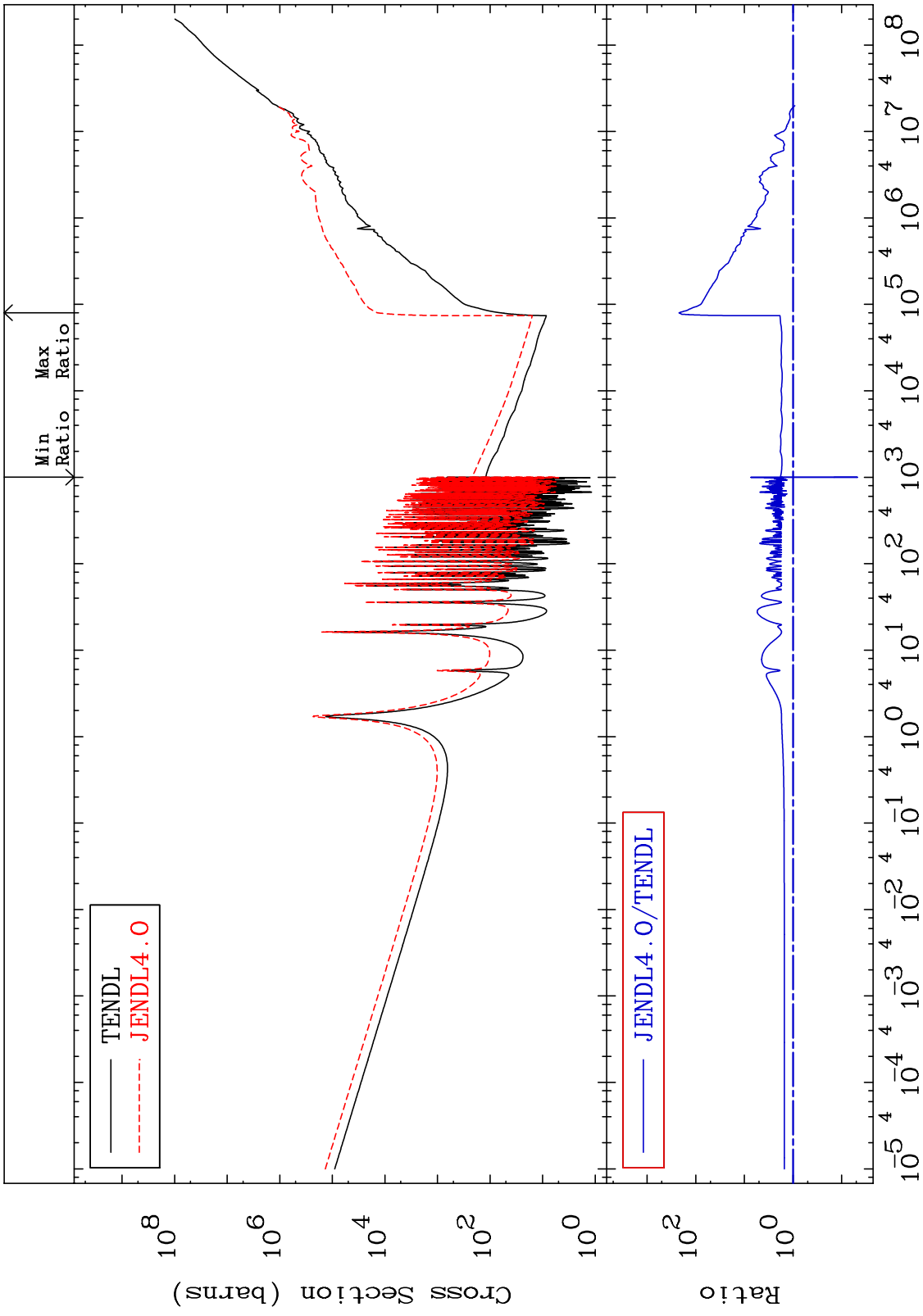
MAT 6646

Kerma elastic
Cross Section

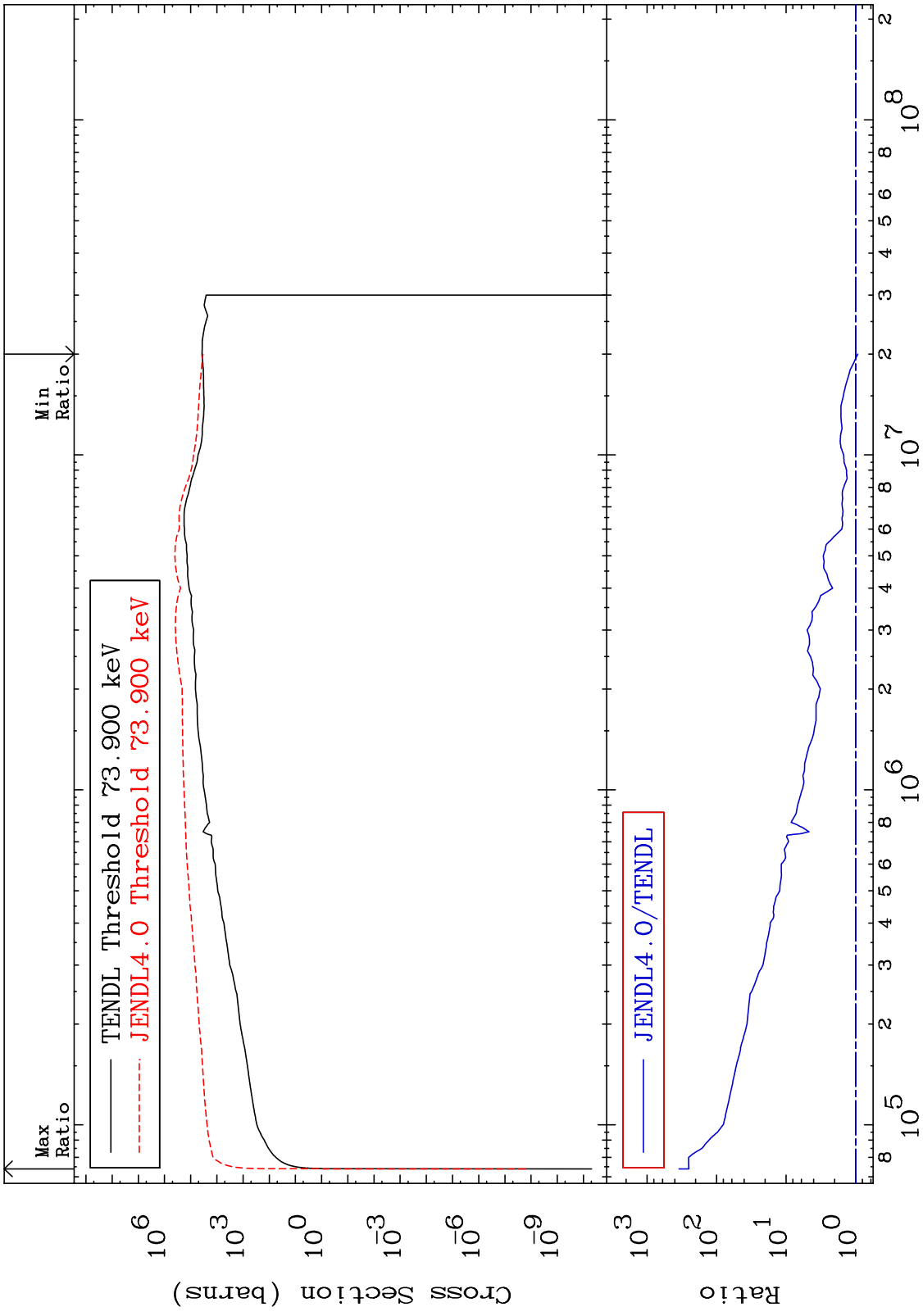
66-Dy-163
-58.97 To 60.85 %



MAT 6646 Kerma non-elastic (all but mt2) Cross Section 66-Dy-163
 -95.36 To 9999. %



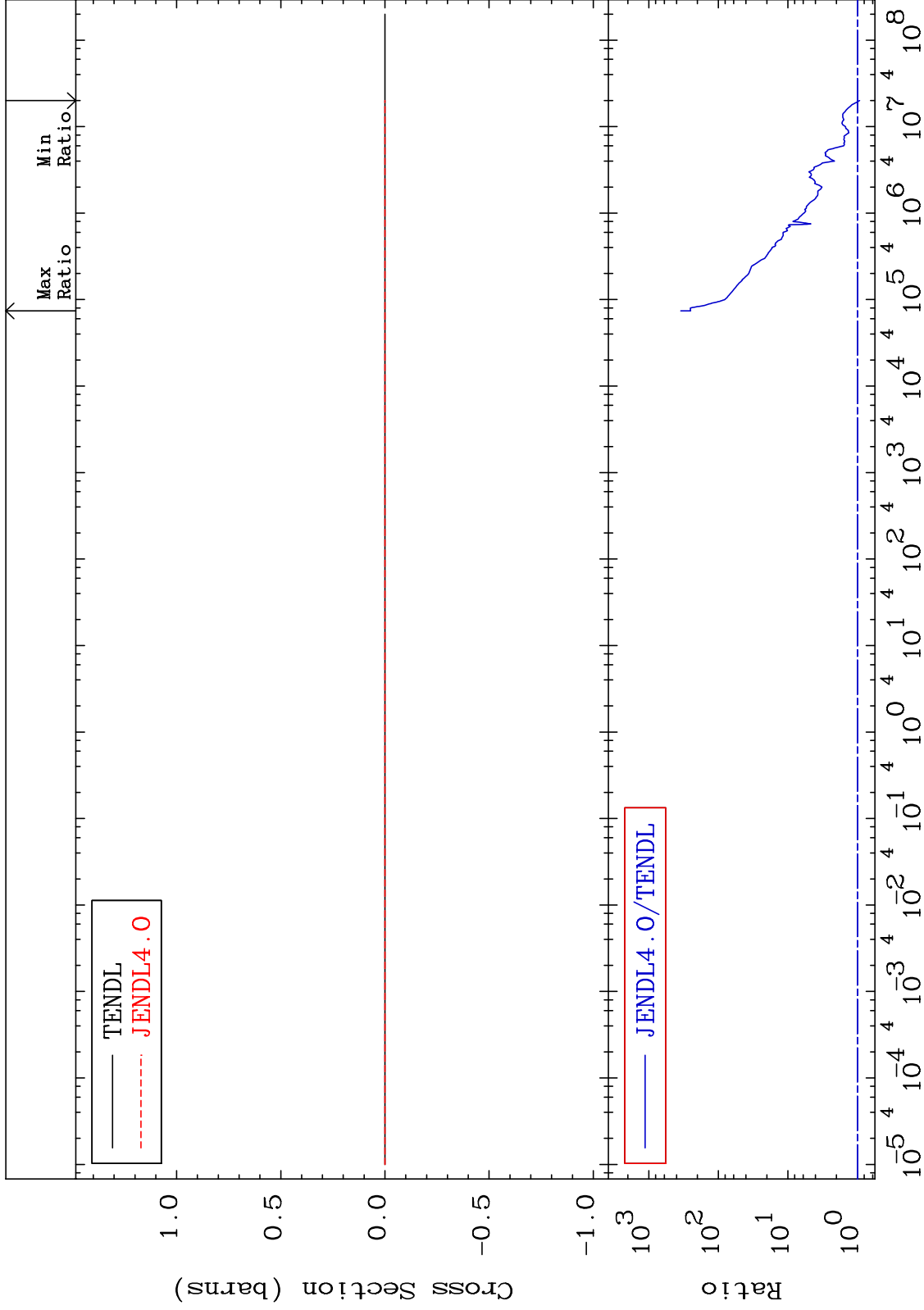
MAT 6646 Kerma inelastic (mt51-91) 66-Dy-163
 Cross Section -7.274 To 9999. %



MAT 6646

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

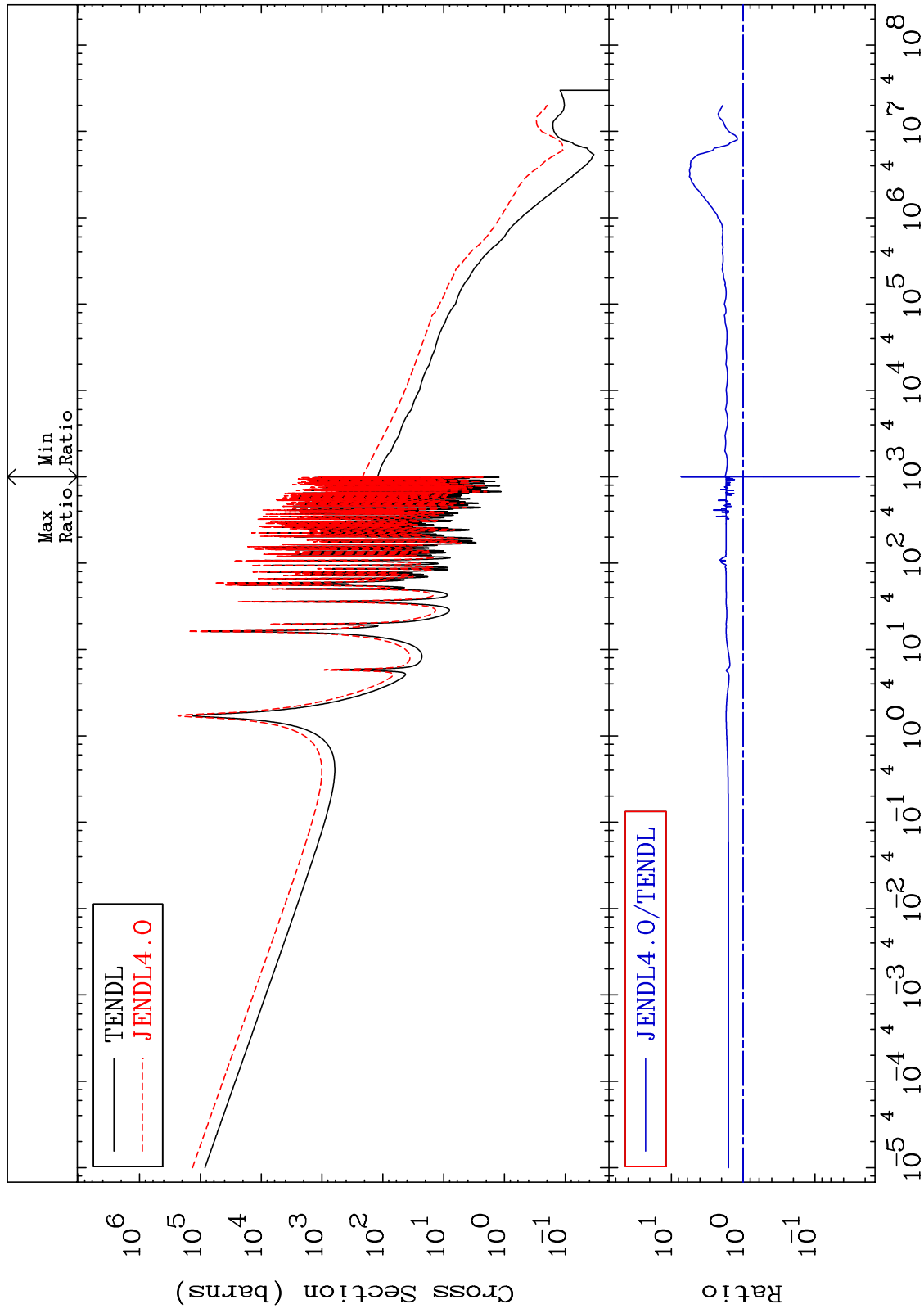
66-Dy-163
-7.274 To 9999. %



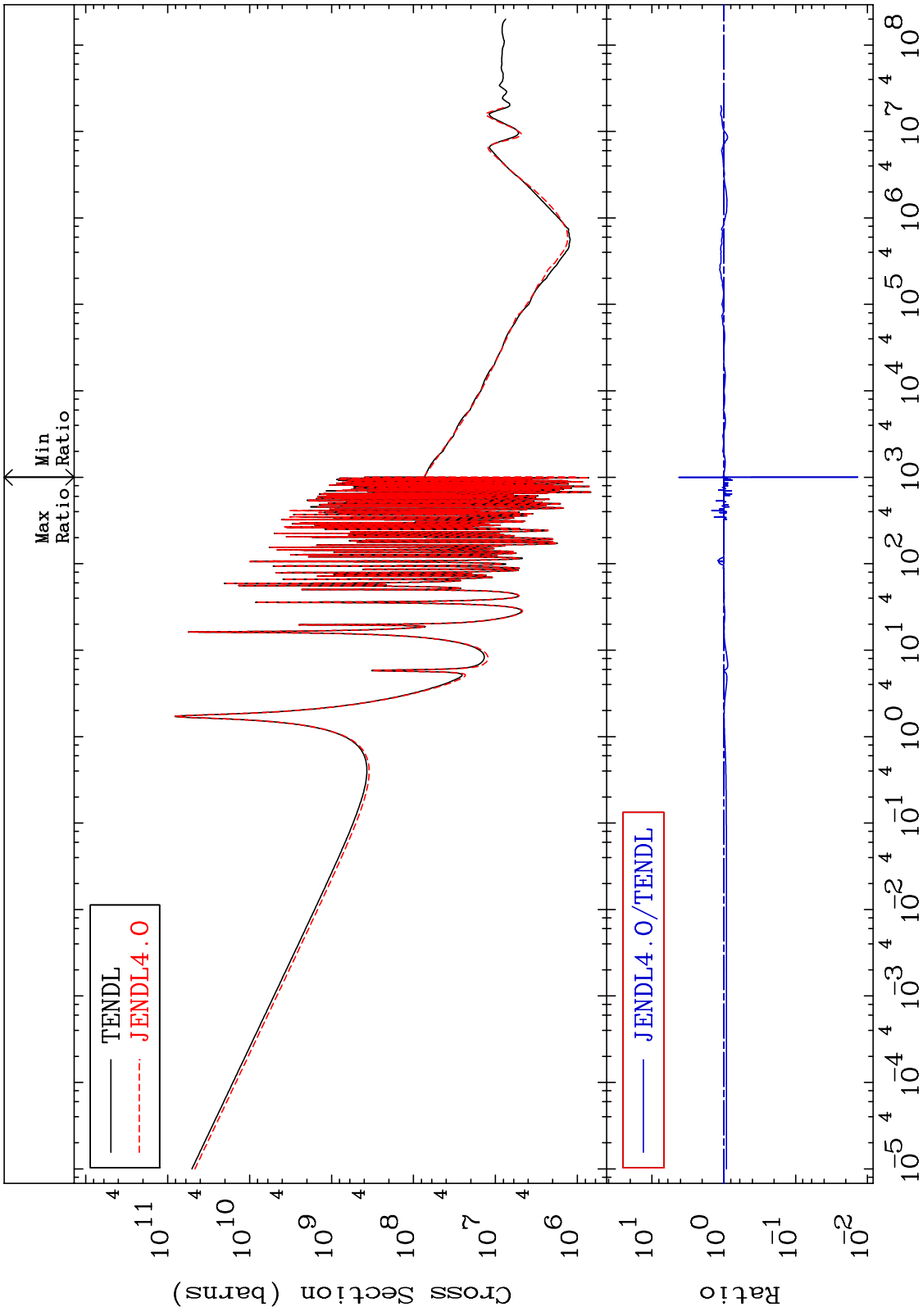
MAT 6646

Kerma capture (mt102)
Cross Section

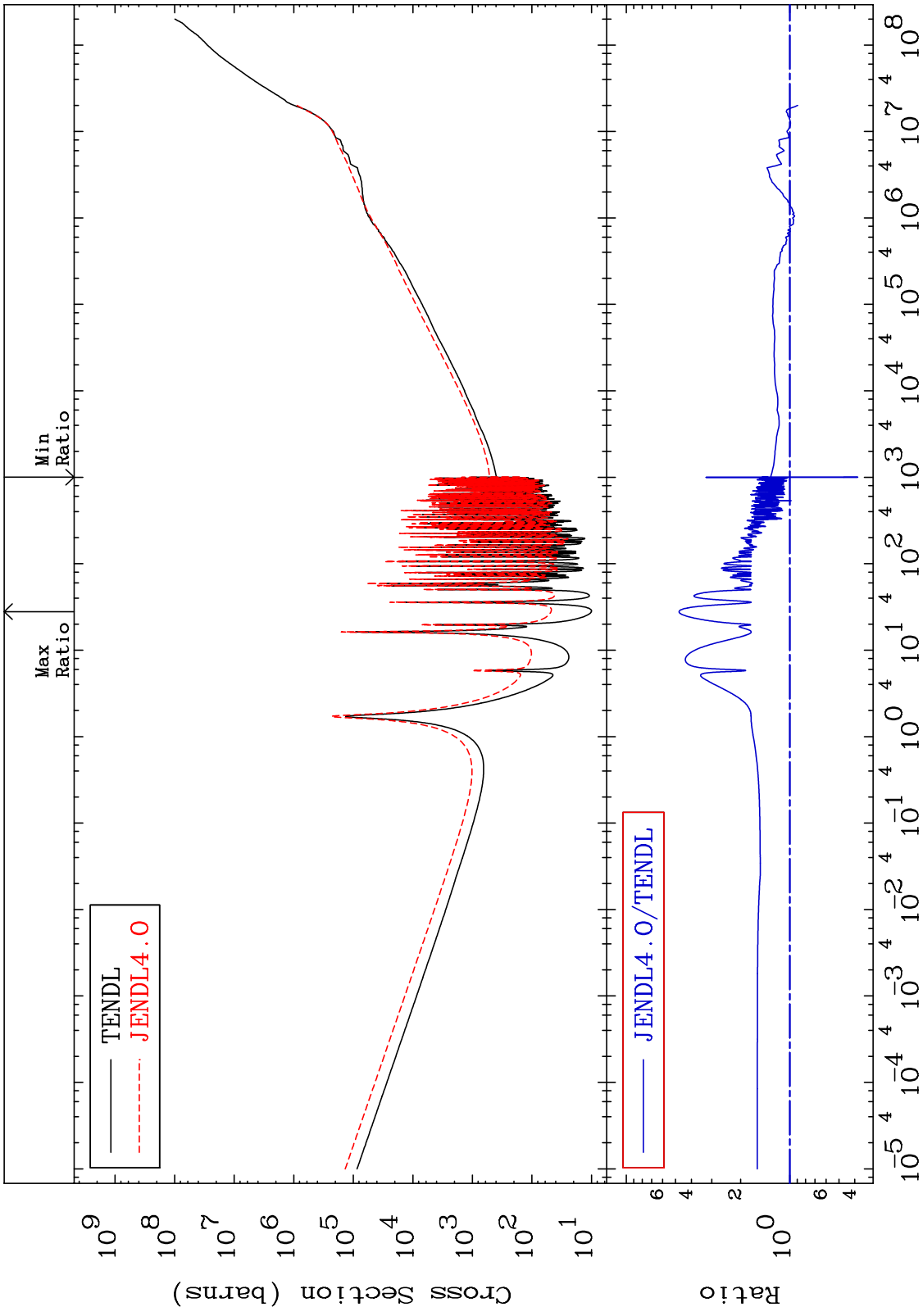
66-Dy-163
-97.63 To 630.0 %



MAT 6646 Total photon (eV-barns) Cross Section 66-Dy-163
 -98.64 To 319.3 %

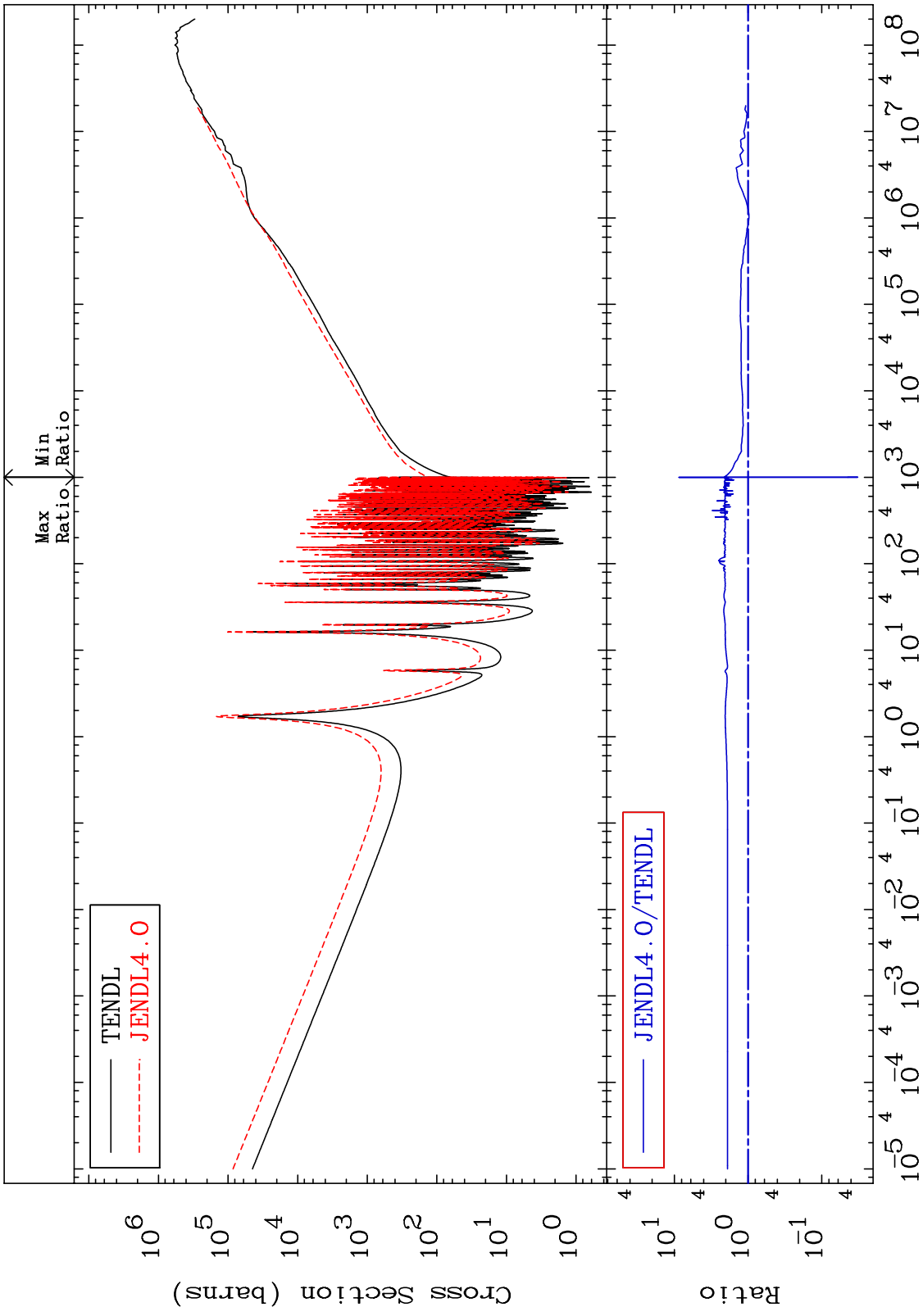


MAT 6646 Total kinematic kerma (high limit) 66-Dy-163
Cross Section -61.69 To 375.8 %



60 66-Dy-163

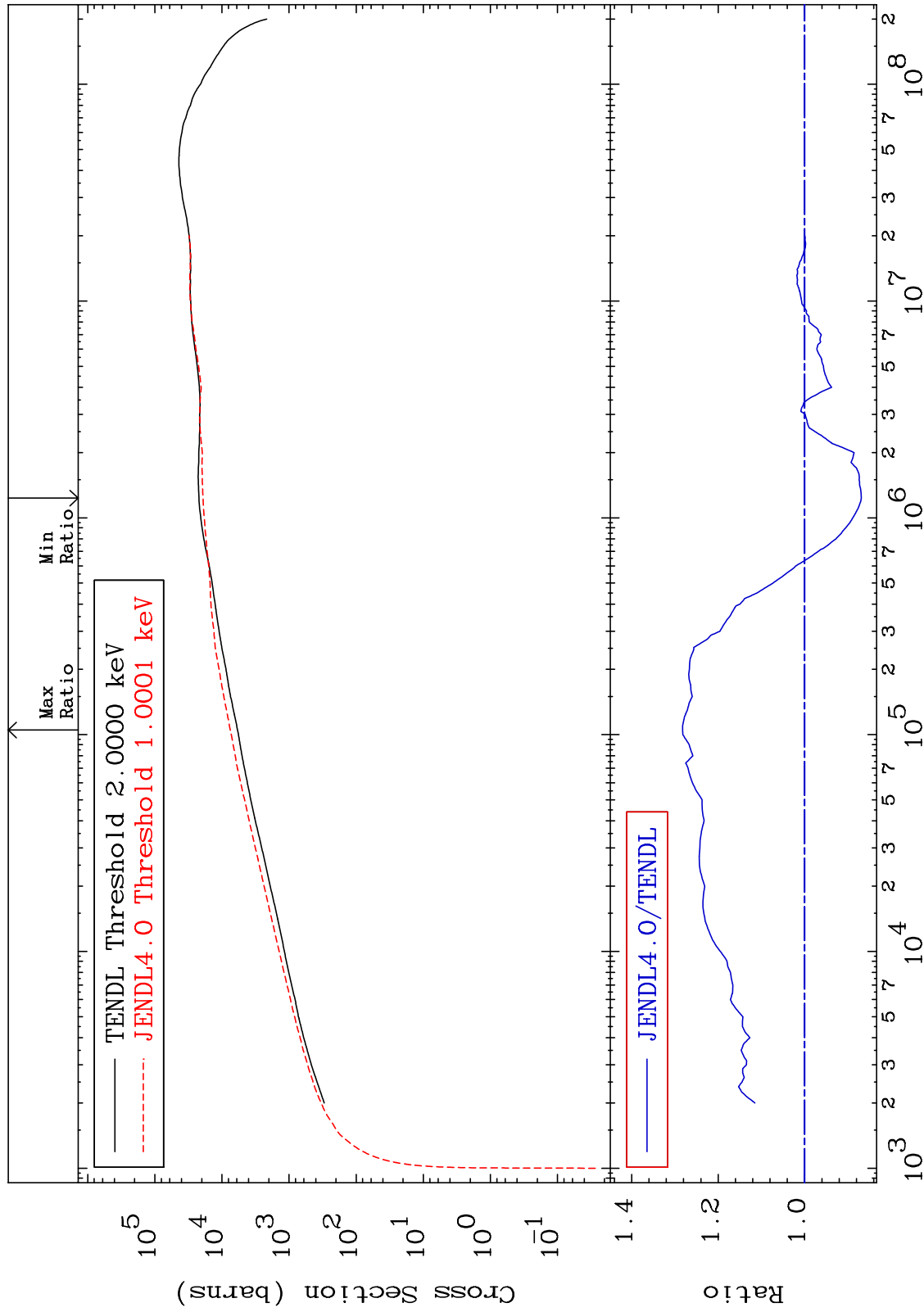
MAT 6646 Dpa total (eV-barns) 66-Dy-163
 Cross Section -96.76 To 763.9 %



MAT 6646

Dpa elastic (mt2)
Cross Section

66-Dy-163
-13.13 To 28.21 %

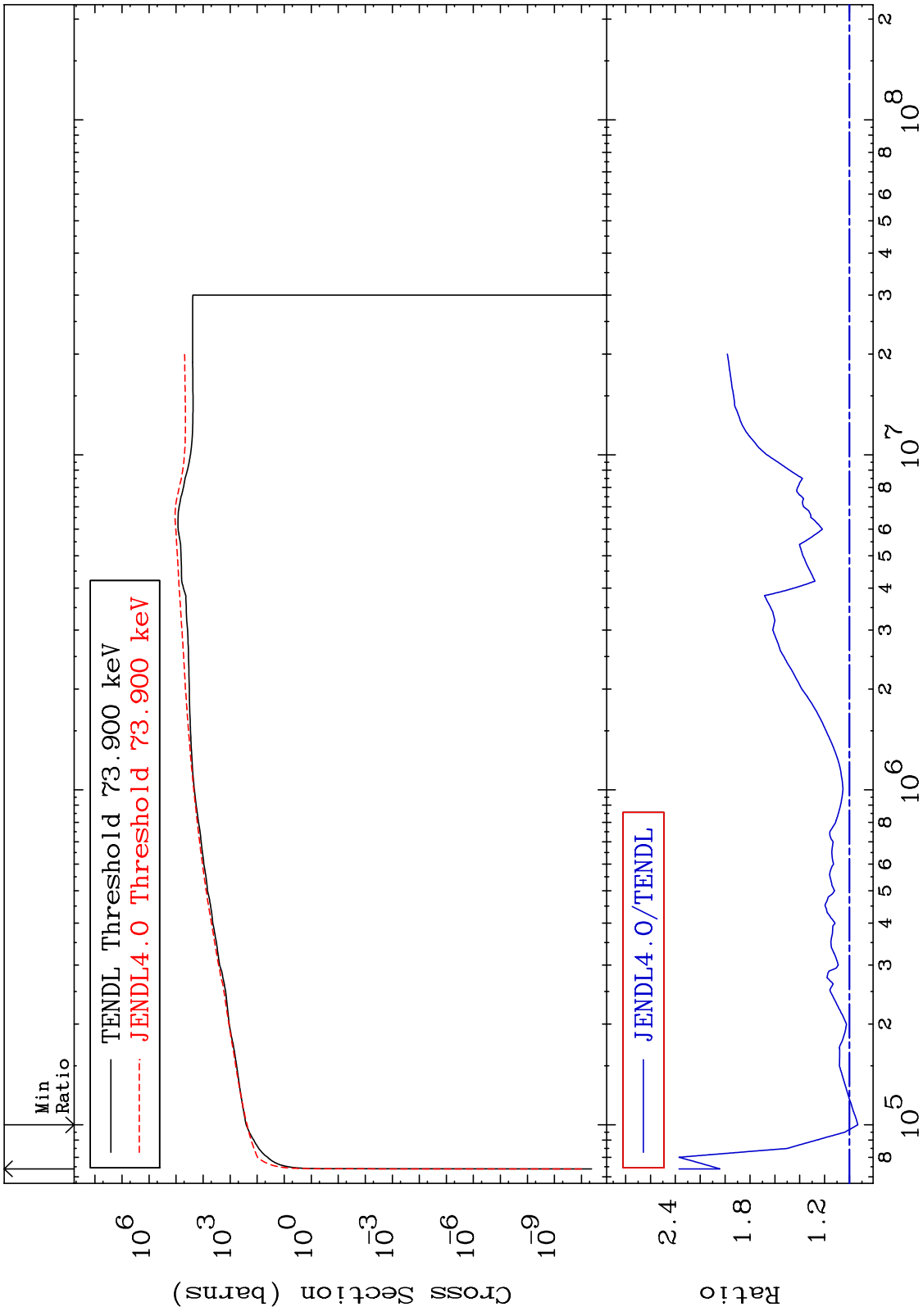


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Incident Energy (eV)

66-Dy-163

MAT 6646 Dpa inelastic (mt51-91) 66-Dy-163
Cross Section -6.738 To 137.0 %



MAT 6646 Dpa disappearance (mt102 -120) 66-Dy-163
 Cross Section -97.12 To 888.6 %

