

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

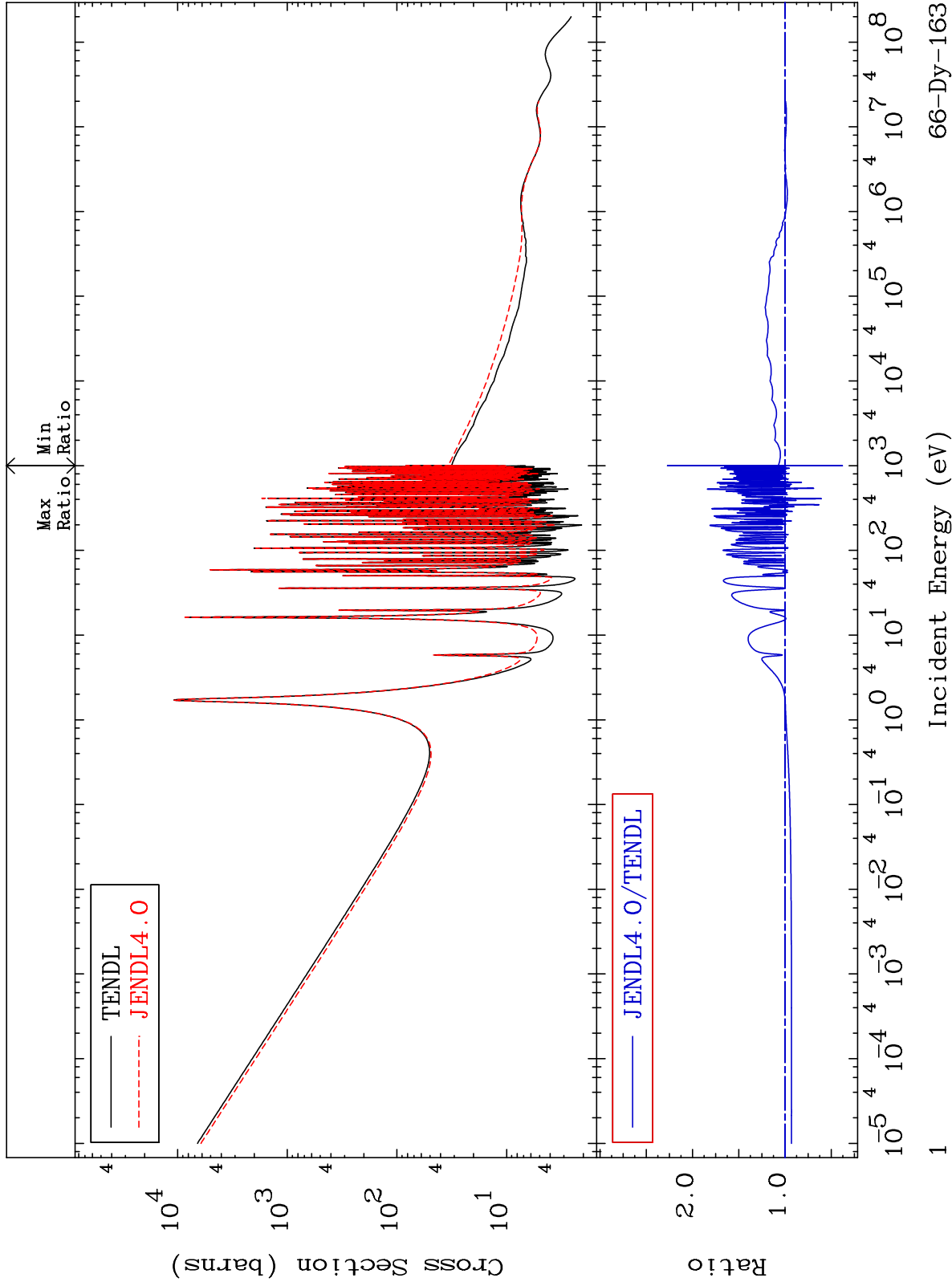
MAT 6646

Total

66-Dy-163

Cross Section

-62.28 To 127.1 %



Incident Energy (eV)

66-Dy-163

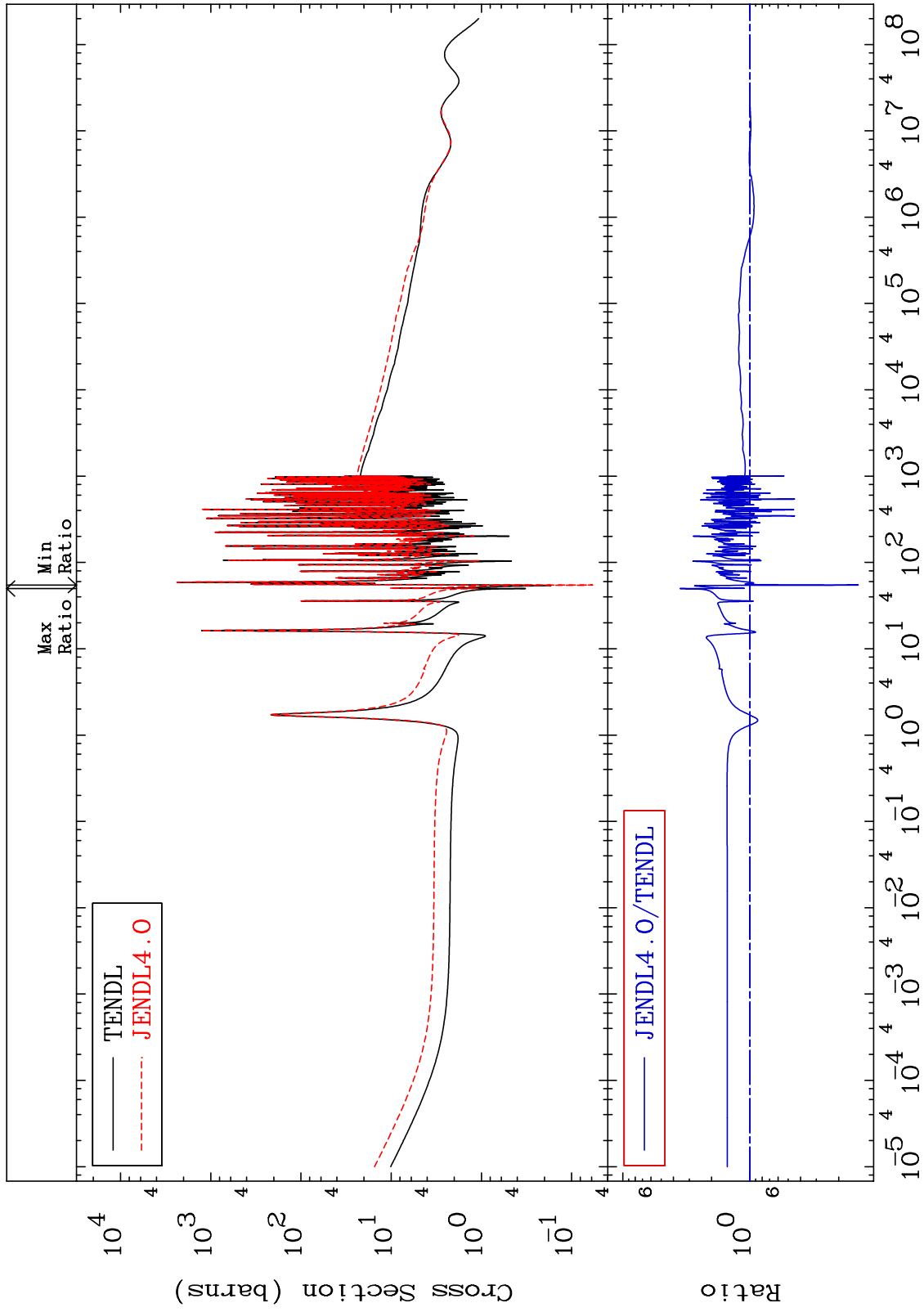
MAT 6646

Elastic

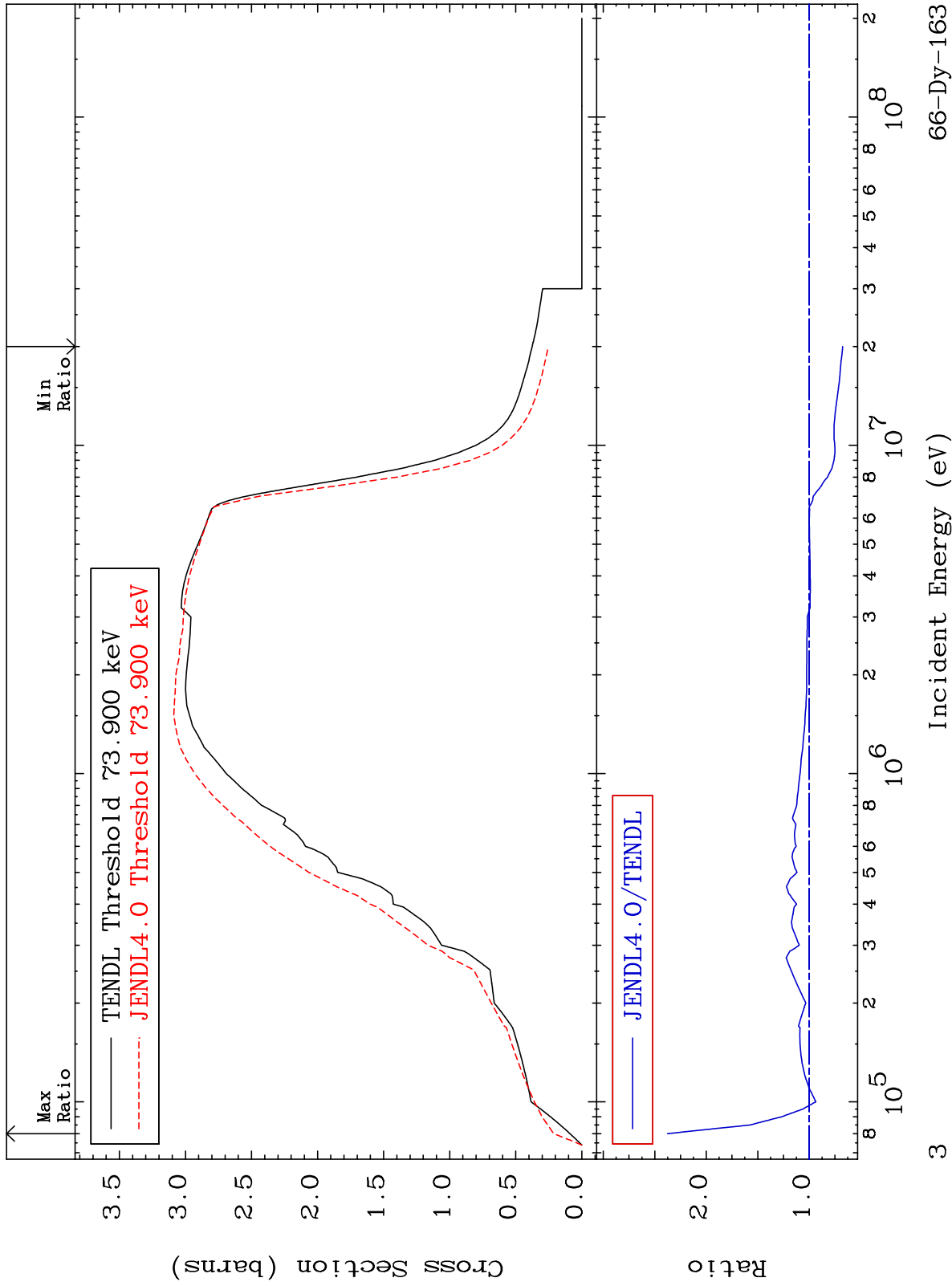
66-Dy-163

Cross Section

-85.99 To 254.9 %



MAT 6646 Inelastic Cross Section 66-Dy-163 -32.47 To 137.6 %



3 66-Dy-163

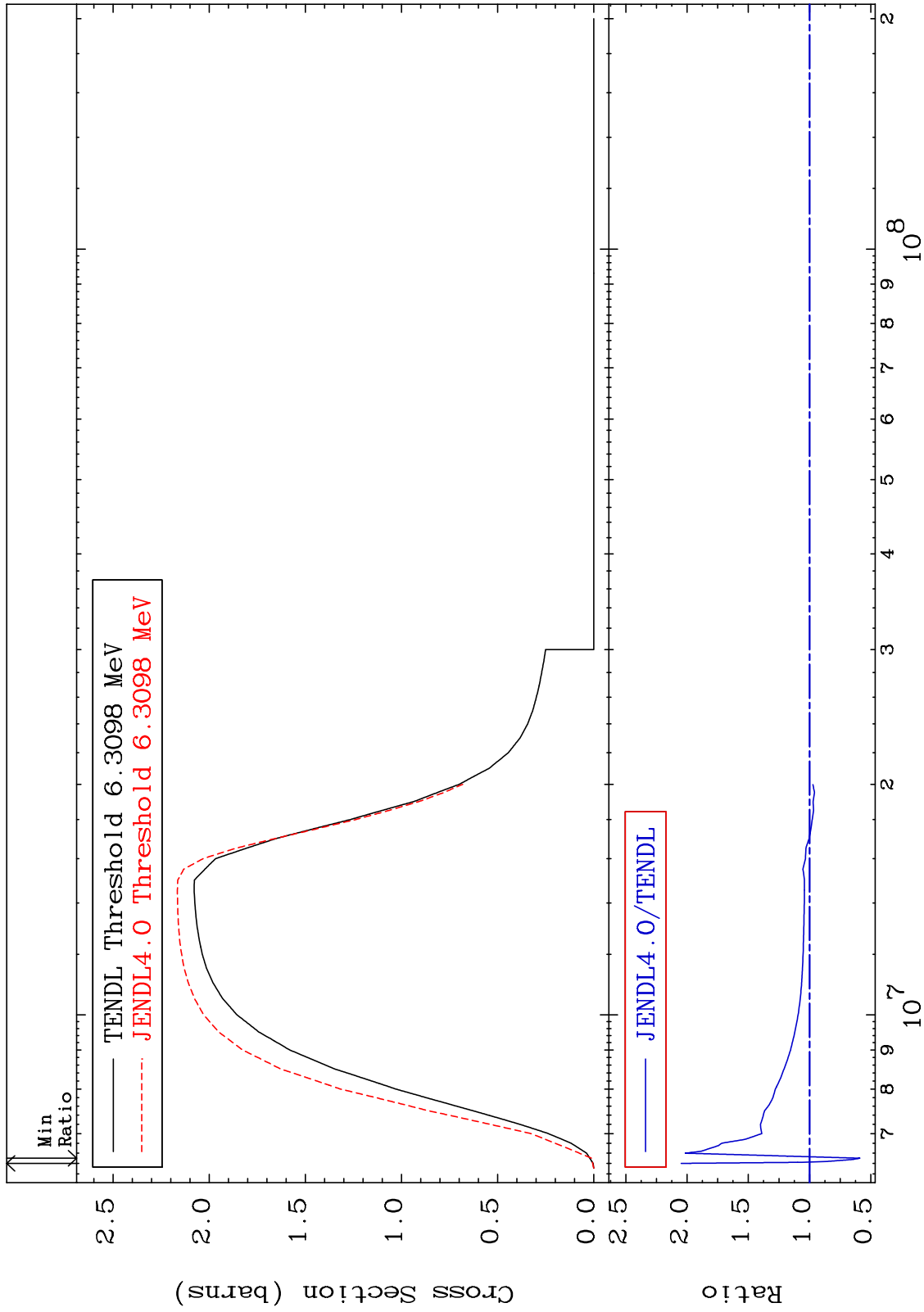
MAT 6646

(n,2n)

66-Dy-163

Cross Section

-41.11 To 104.8 %



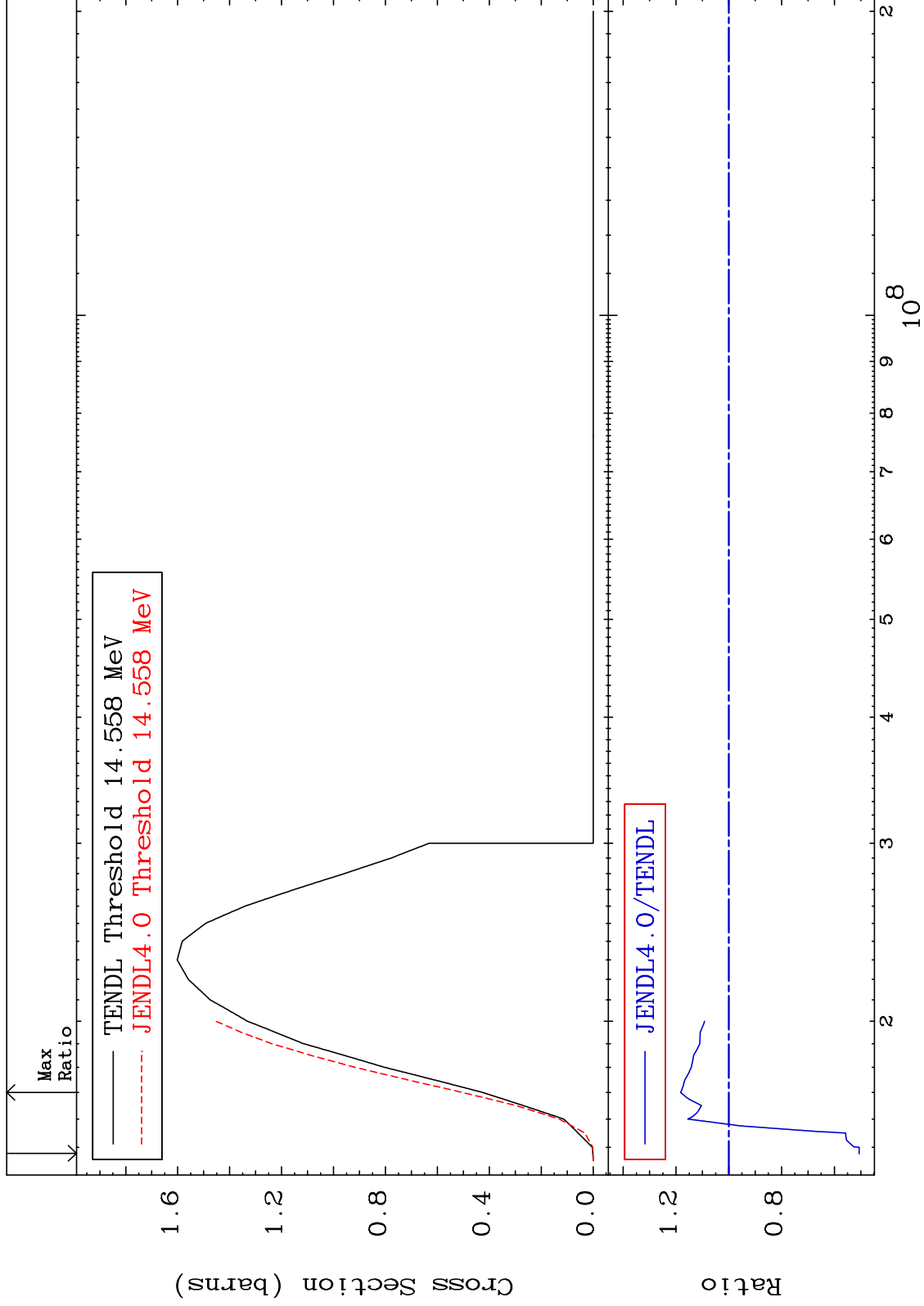
MAT 6646

(n, 3n)

66-Dy-163

Cross Section

-49.39 To 18.26 %



5

Incident Energy (eV)

66-Dy-163

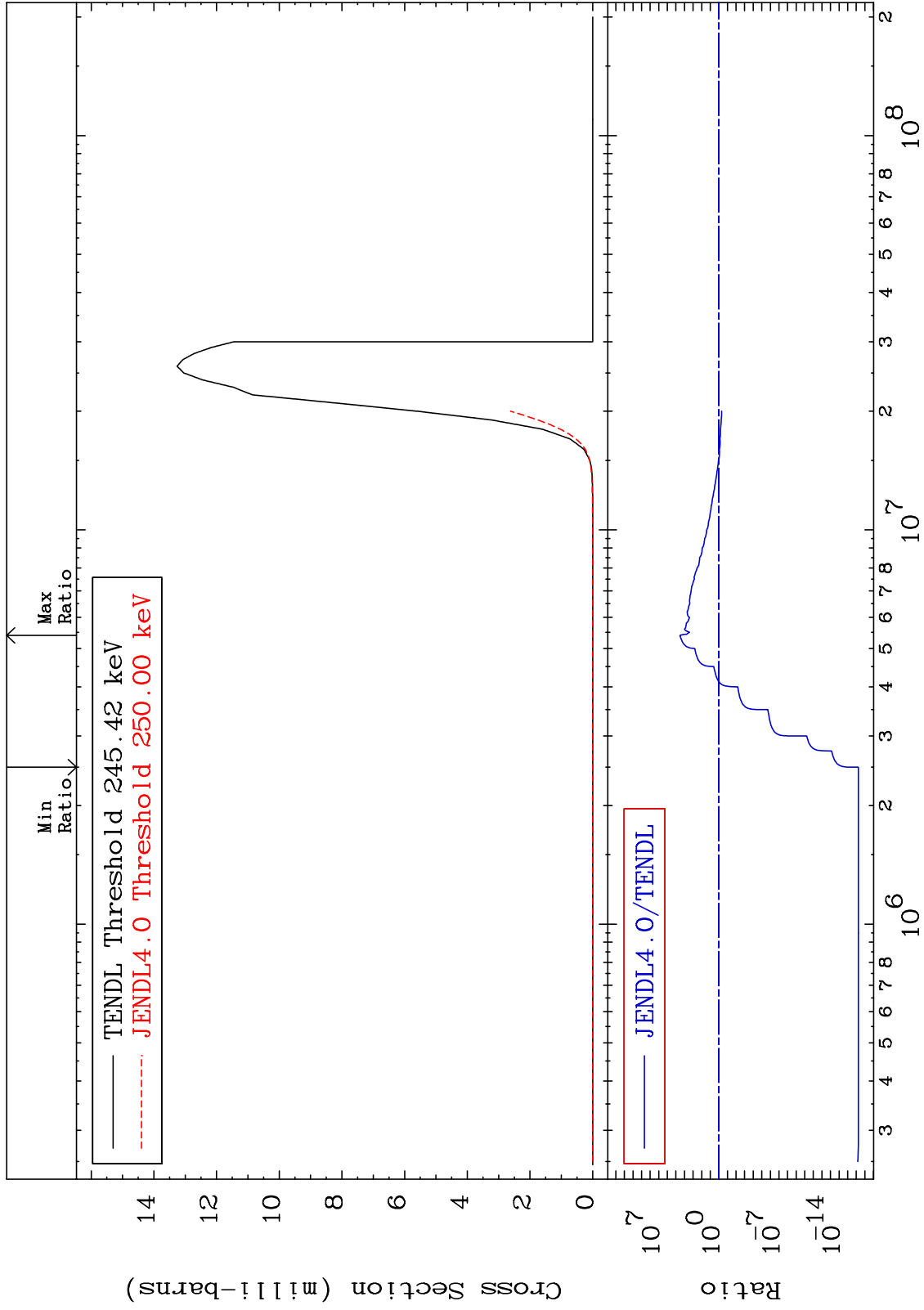
MAT 6646

(n, n') α

66-Dy-163

-100.0 To 9999. %

Cross Section



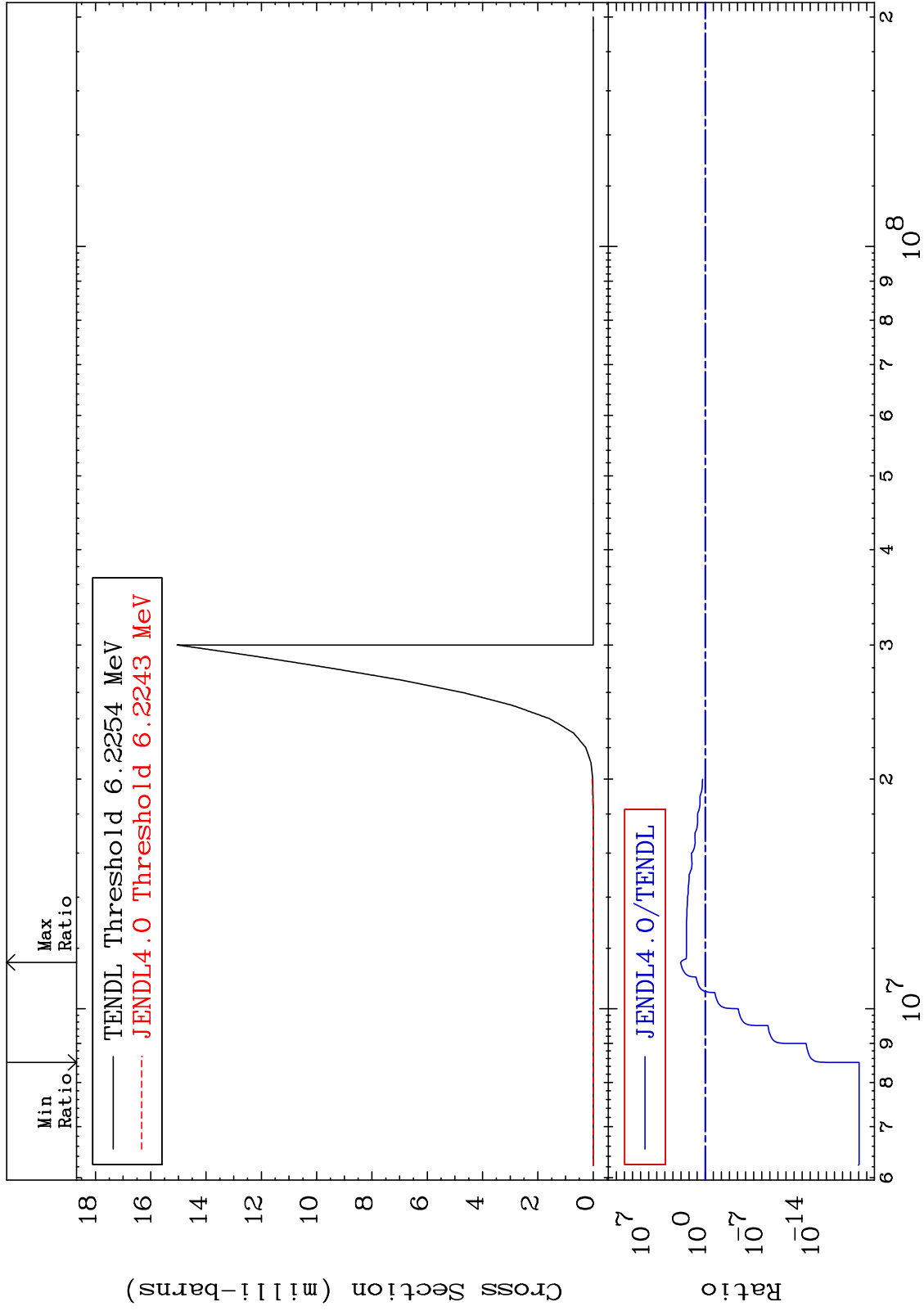
MAT 6646

(n,2n) α

66-Dy-163

Cross Section

-100.0 To 9999. %



Incident Energy (eV)

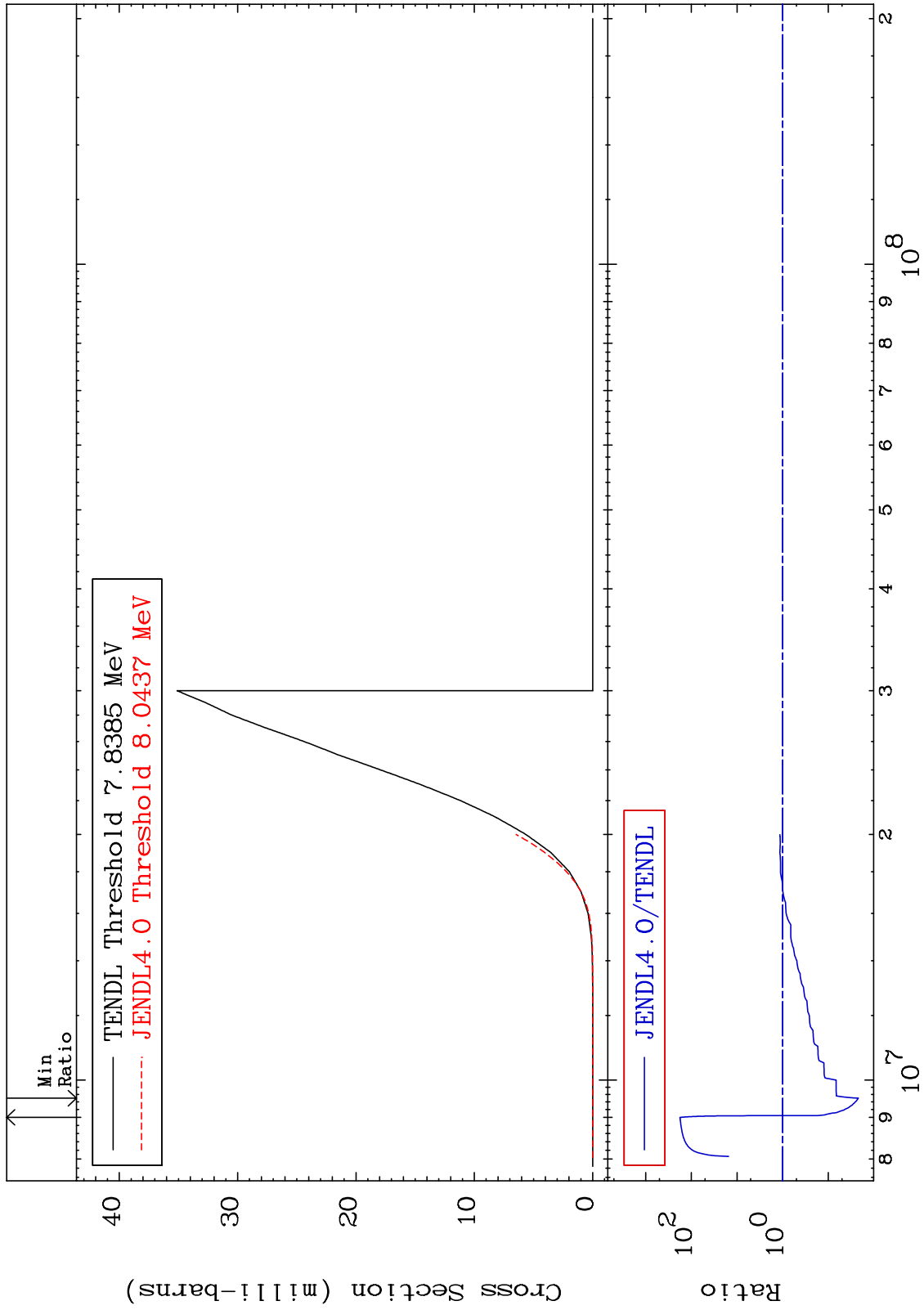
66-Dy-163

7

MAT 6646

(n,n') p
Cross Section

66-Dy-163
-97.83 To 9999. %



8

Incident Energy (eV)

66-Dy-163

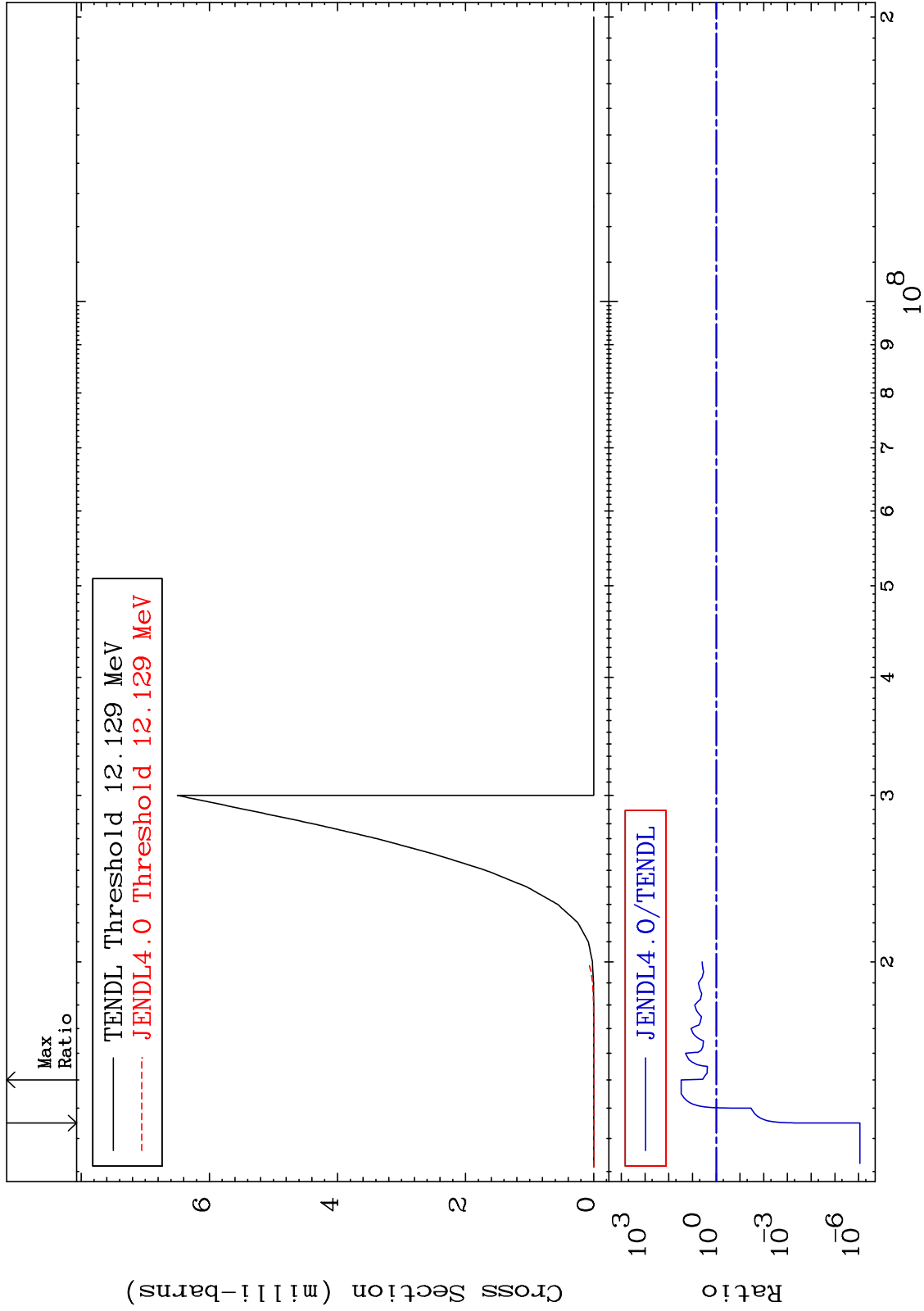
MAT 6646

(n, n') d

66-Dy-163

Cross Section

-100.0 To 2891. %



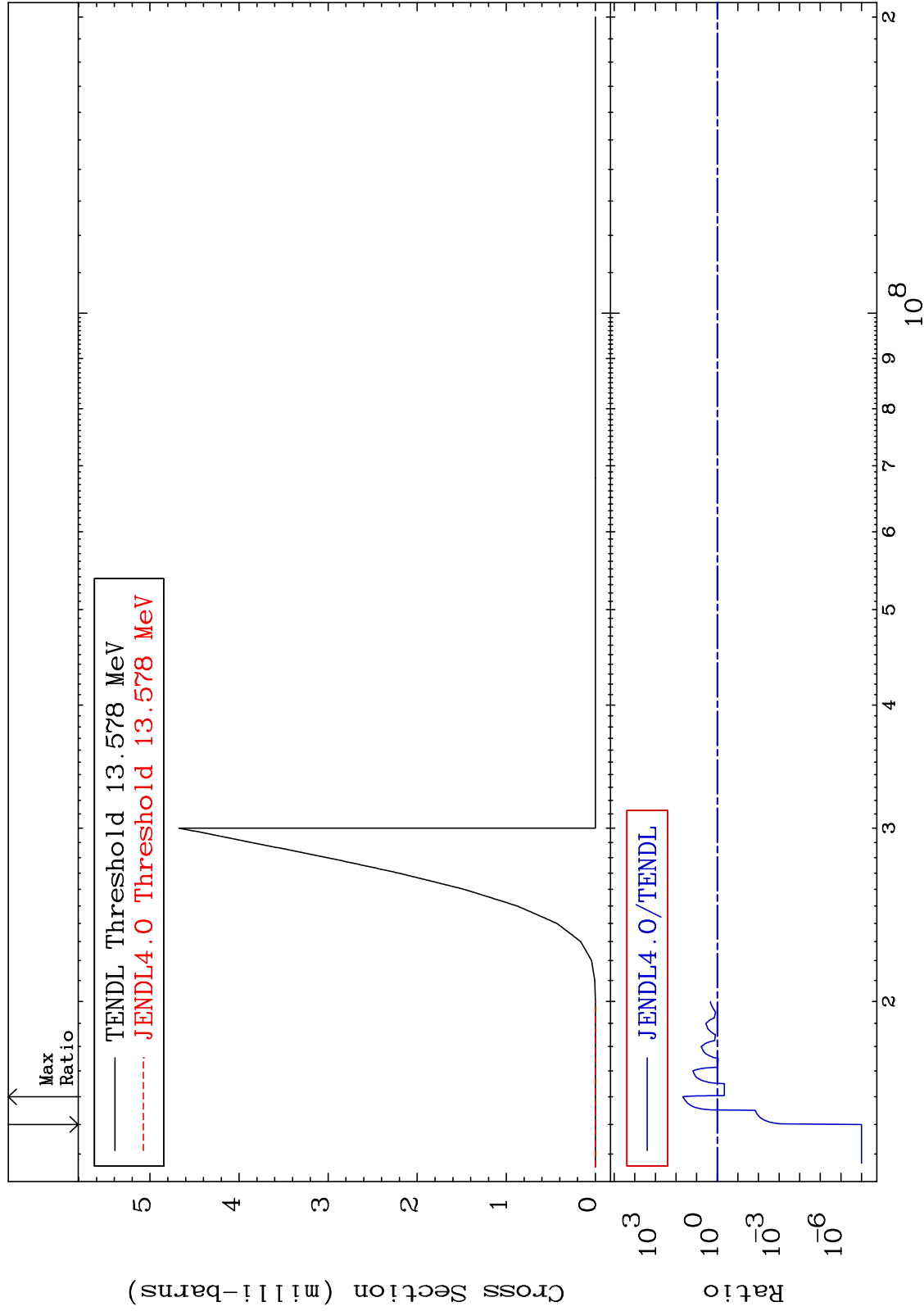
MAT 6646

(n,n') t

66-Dy-163

Cross Section

-100.0 To 4567. %



10

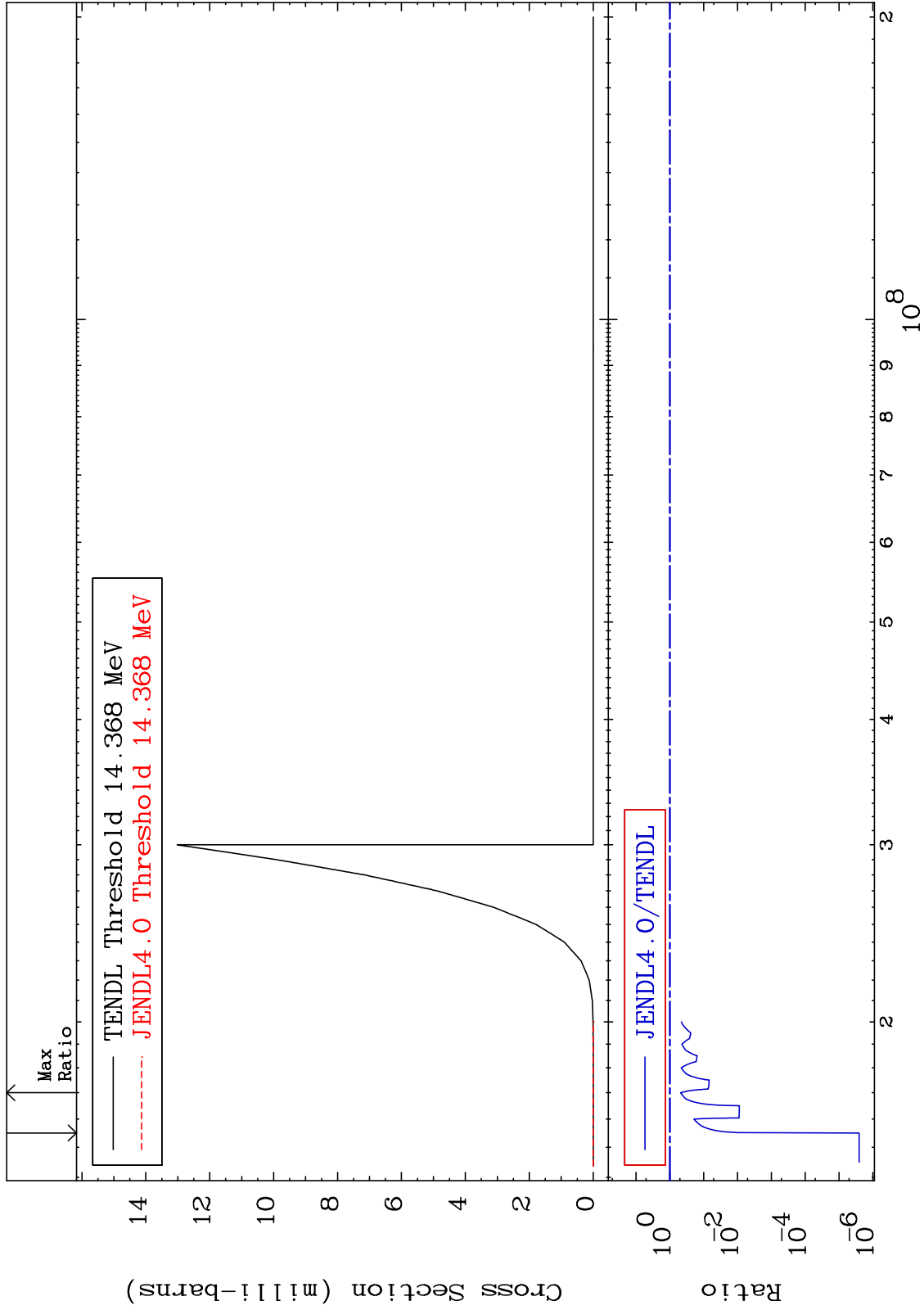
Incident Energy (eV)

66-Dy-163

MAT 6646

(n,2n) p
Cross Section

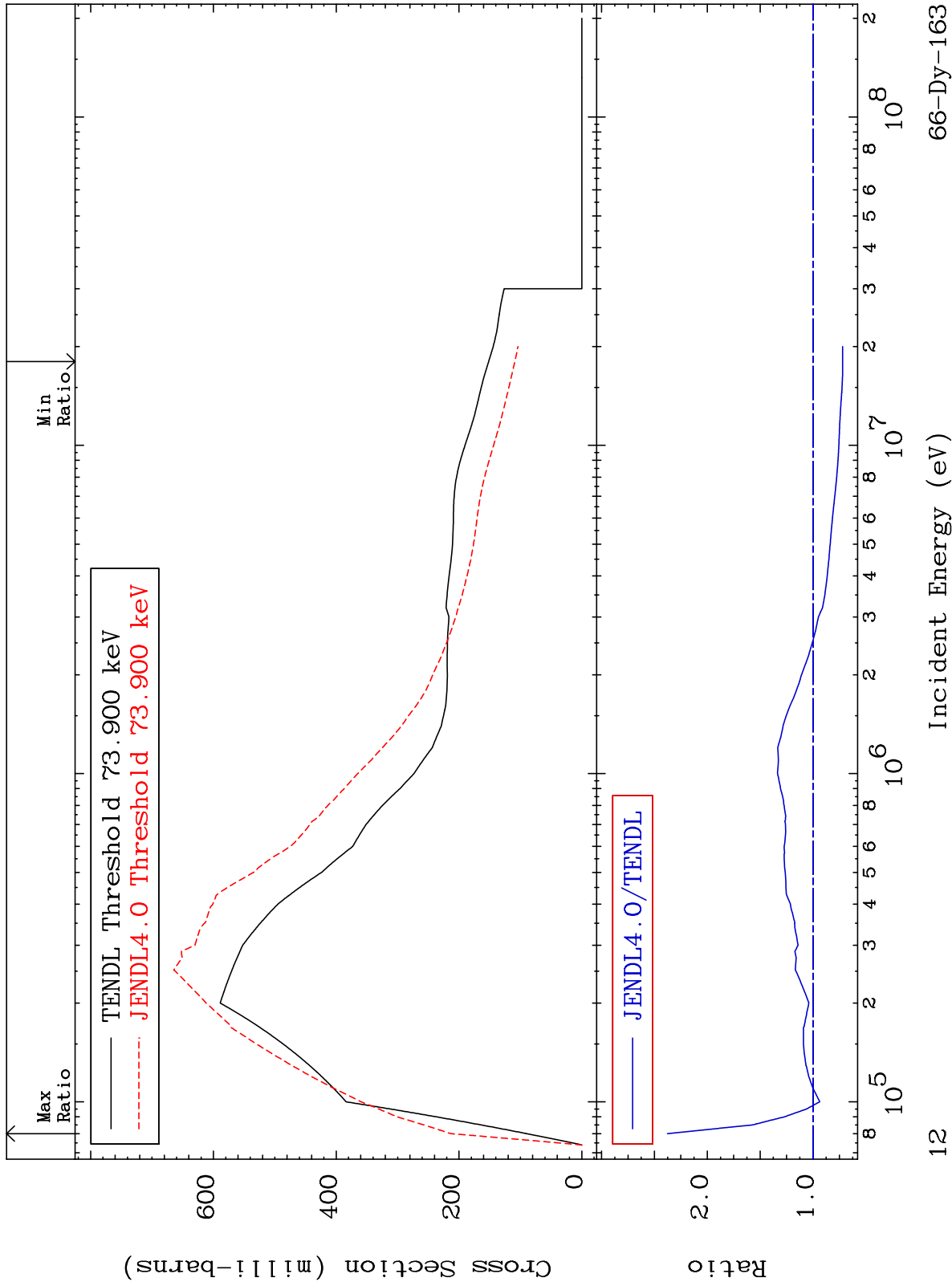
66-Dy-163
-100.0 To -52.16%



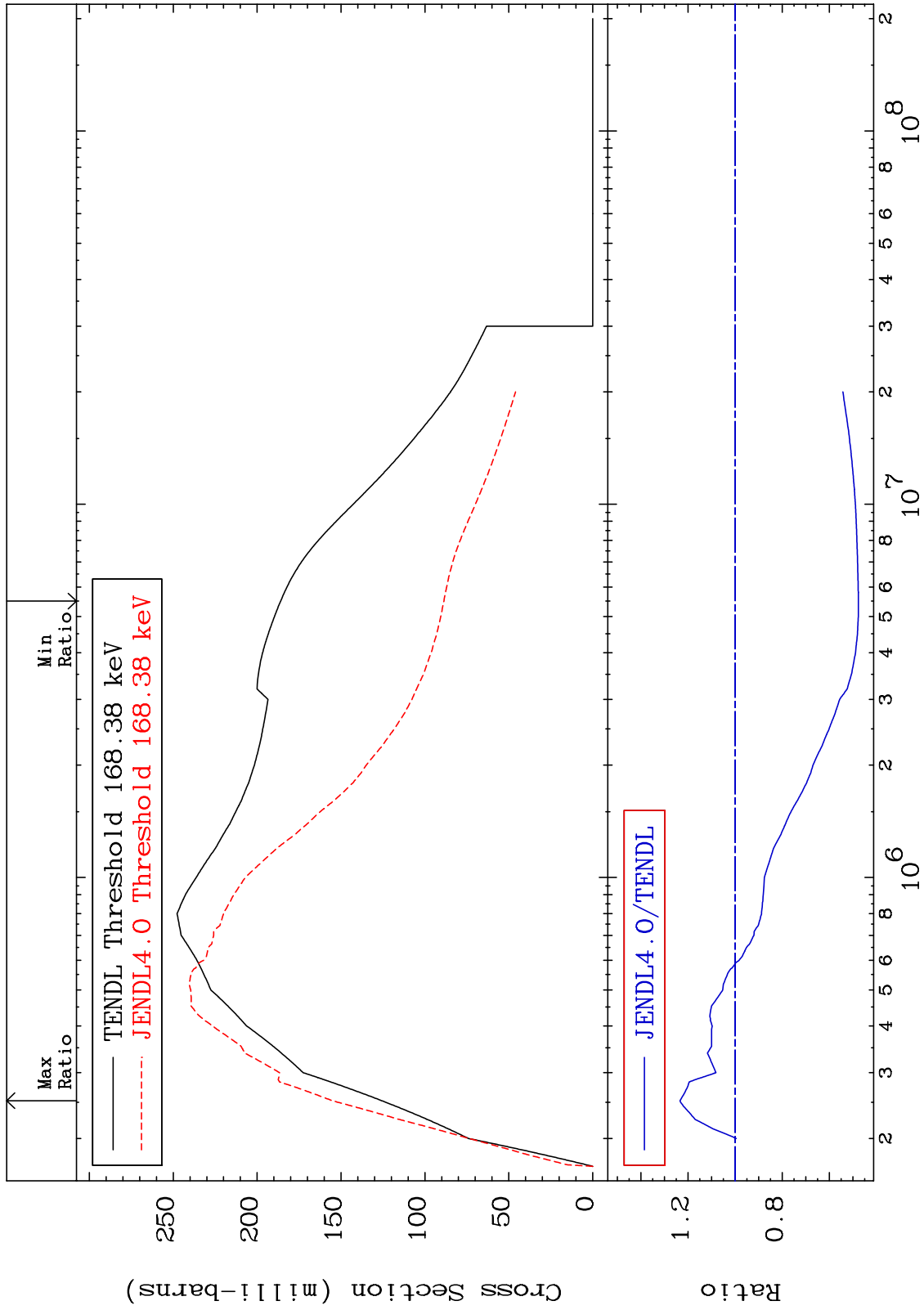
MAT 6646

MT= 51 (n,n') Level
Cross Section

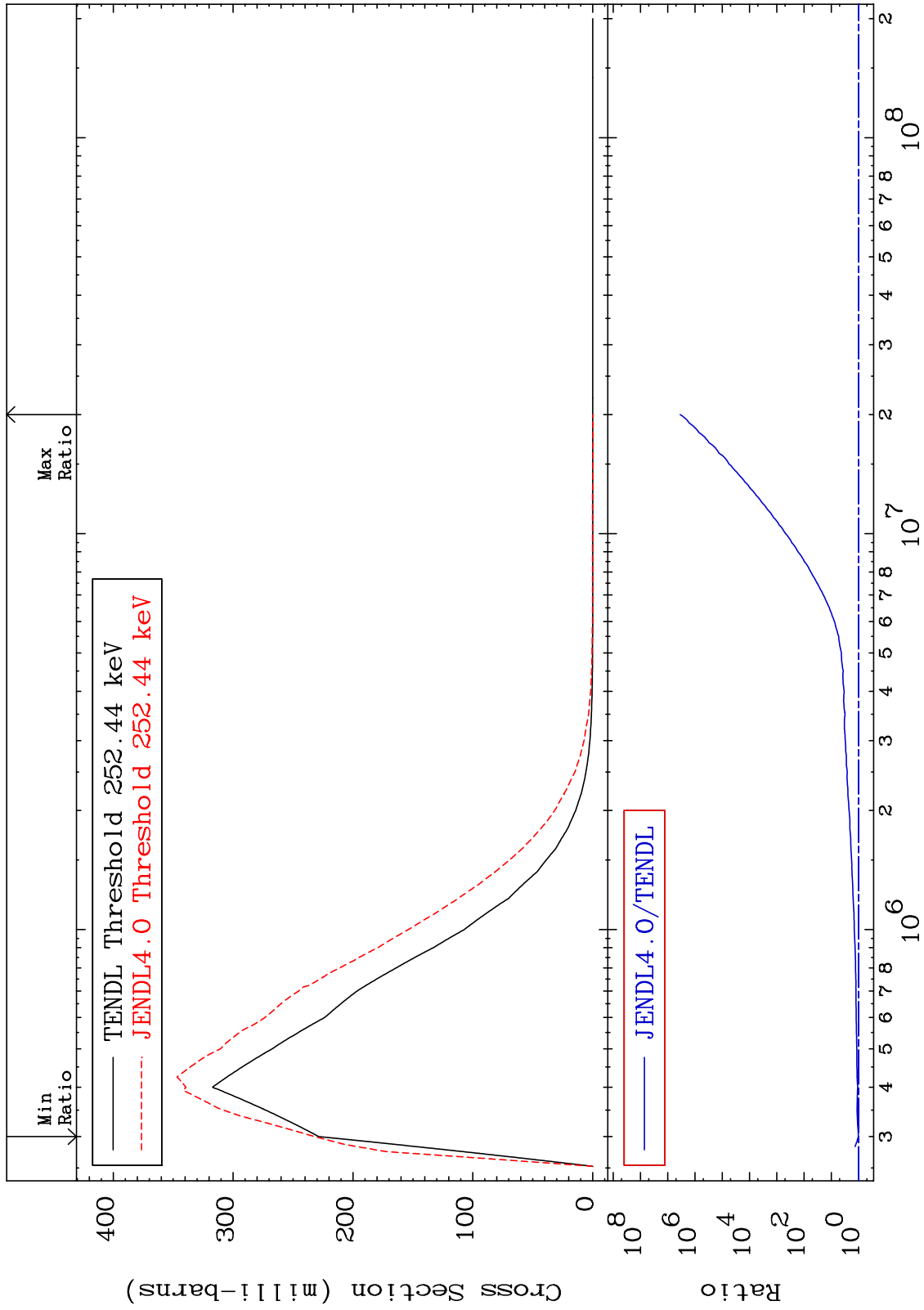
66-Dy-163
-28.08 To 137.6 %



MAT 6646 MT= 52 (n,n') Level 66-Dy-163
 Cross Section -52.32 To 23.43 %



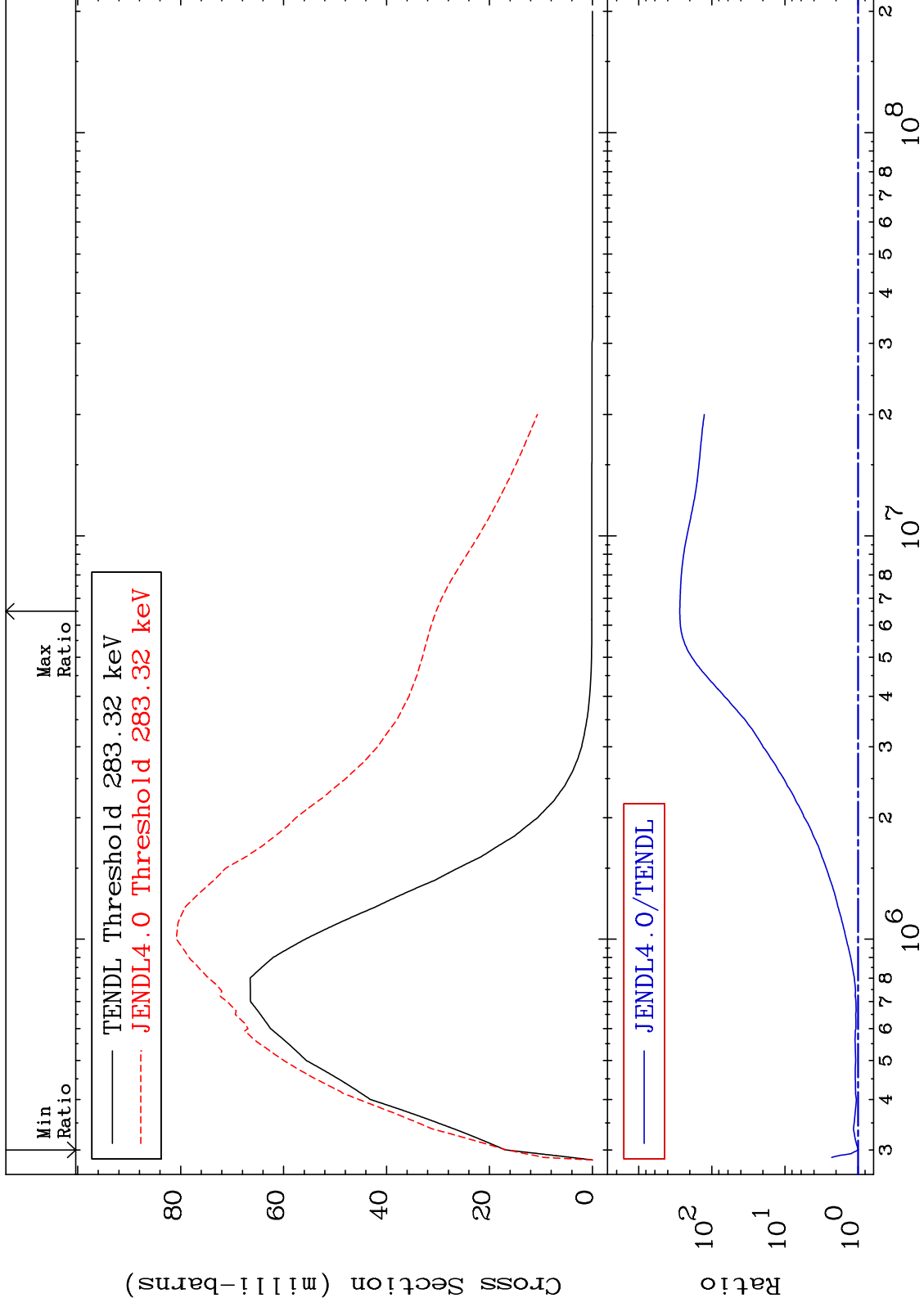
MAT 6646 MT= 53 (n,n') Level Cross Section 66-Dy-163
 1.470 To 9999. %



MAT 6646

MT= 54 (n,n') Level
Cross Section

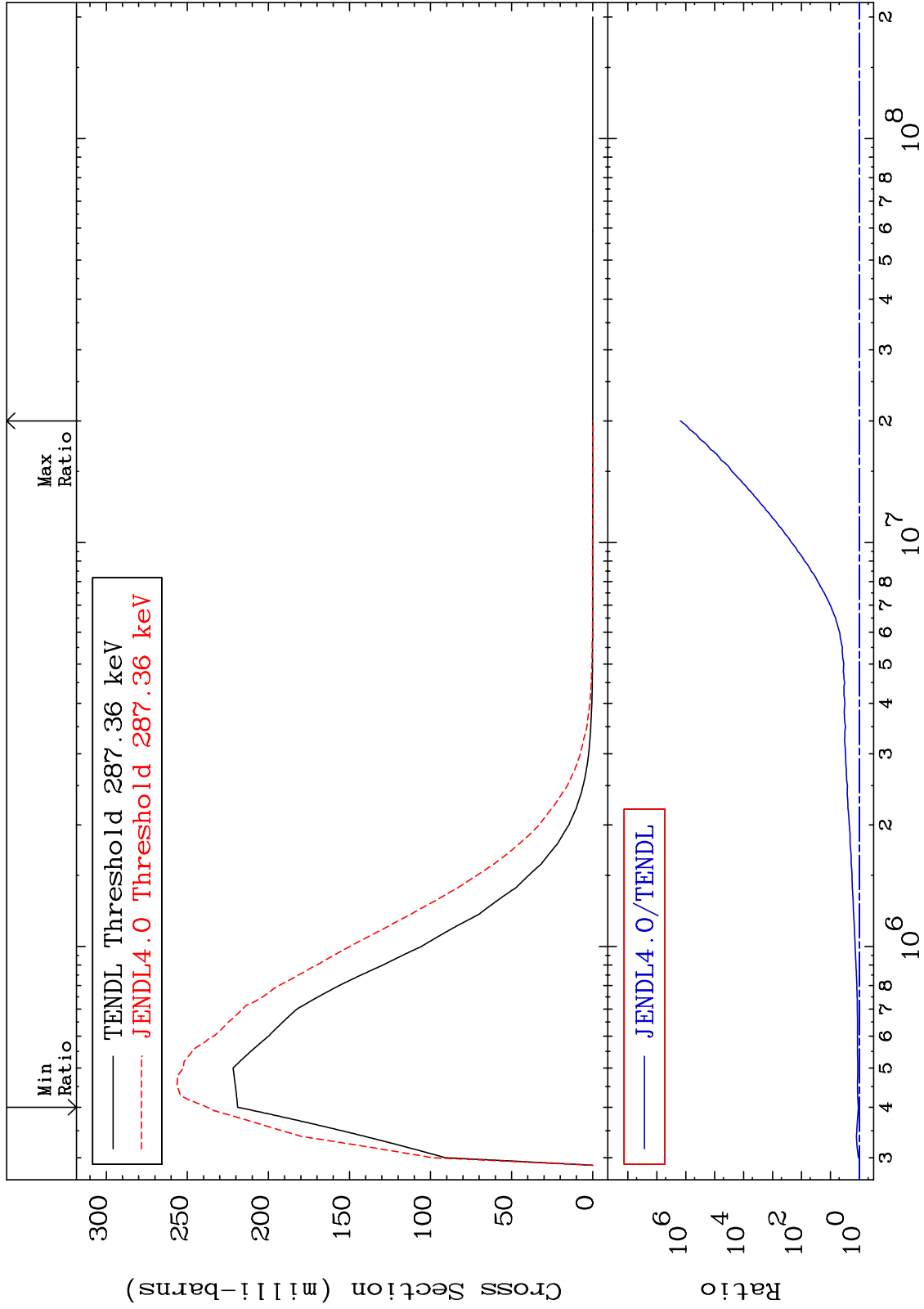
66-Dy-163
-1.068 To 9999. %



MAT 6646

MT= 55 (n,n') Level
Cross Section

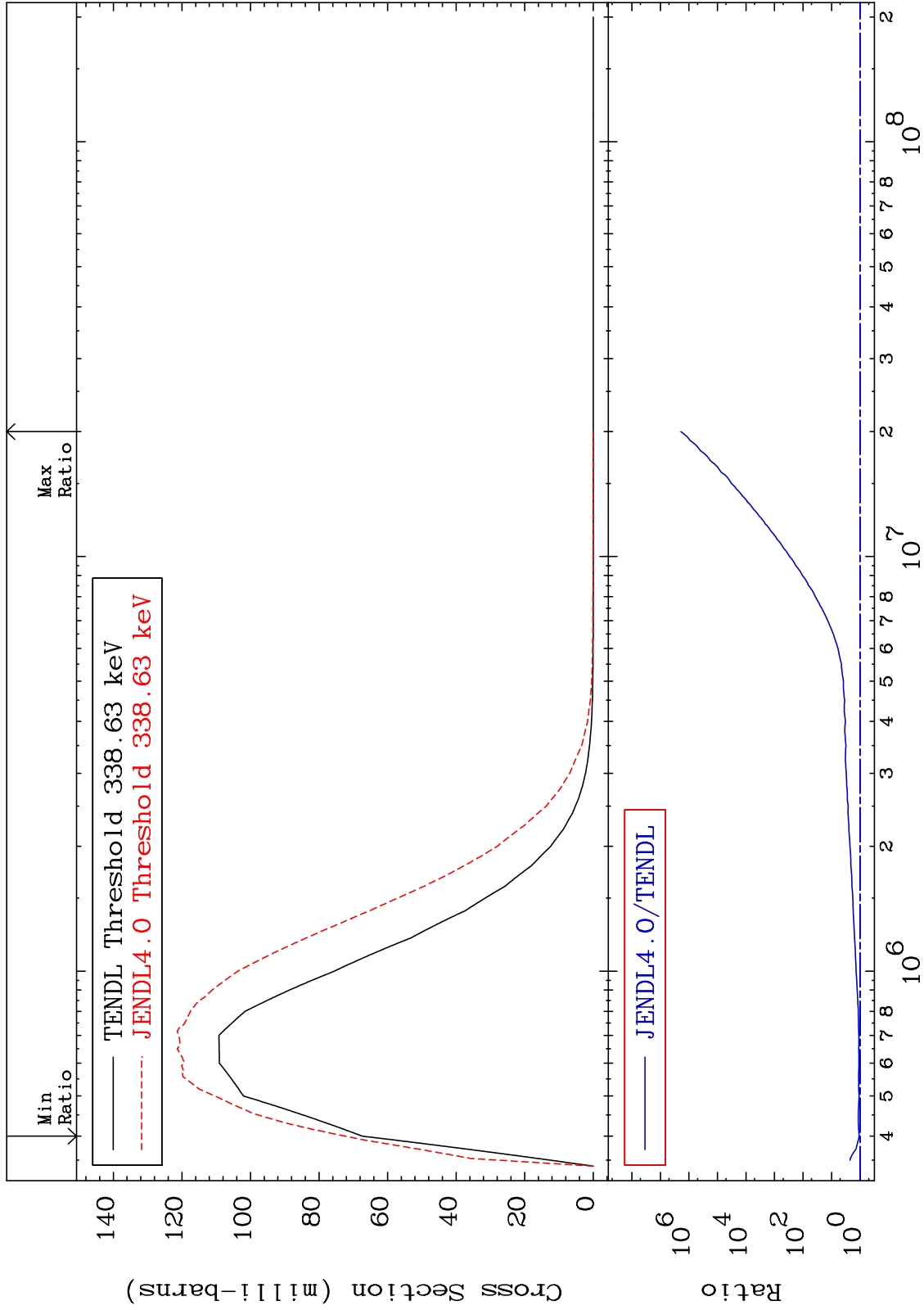
66-Dy-163
8.548 To 9999. %



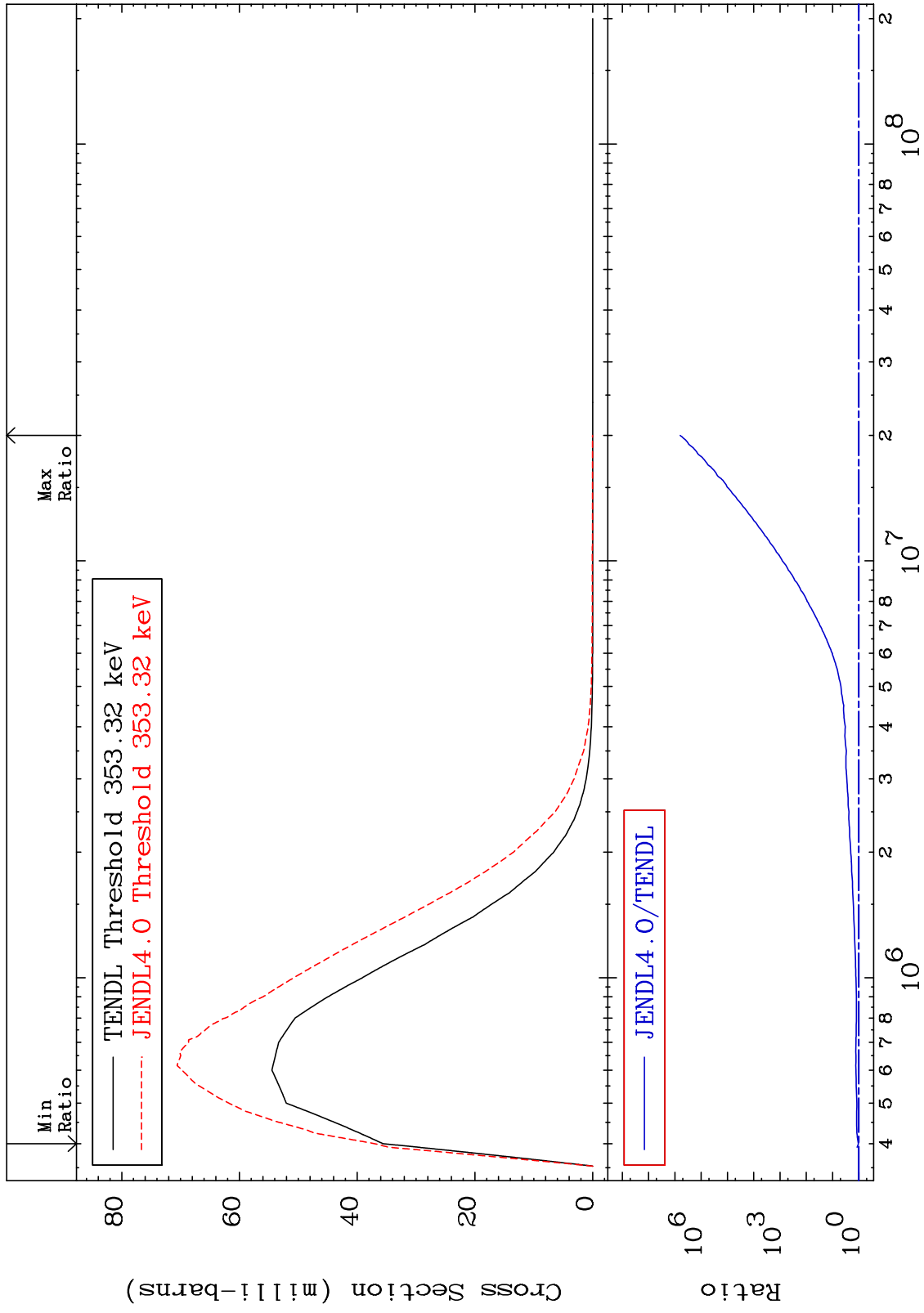
MAT 6646

MT= 56 (n,n') Level
Cross Section

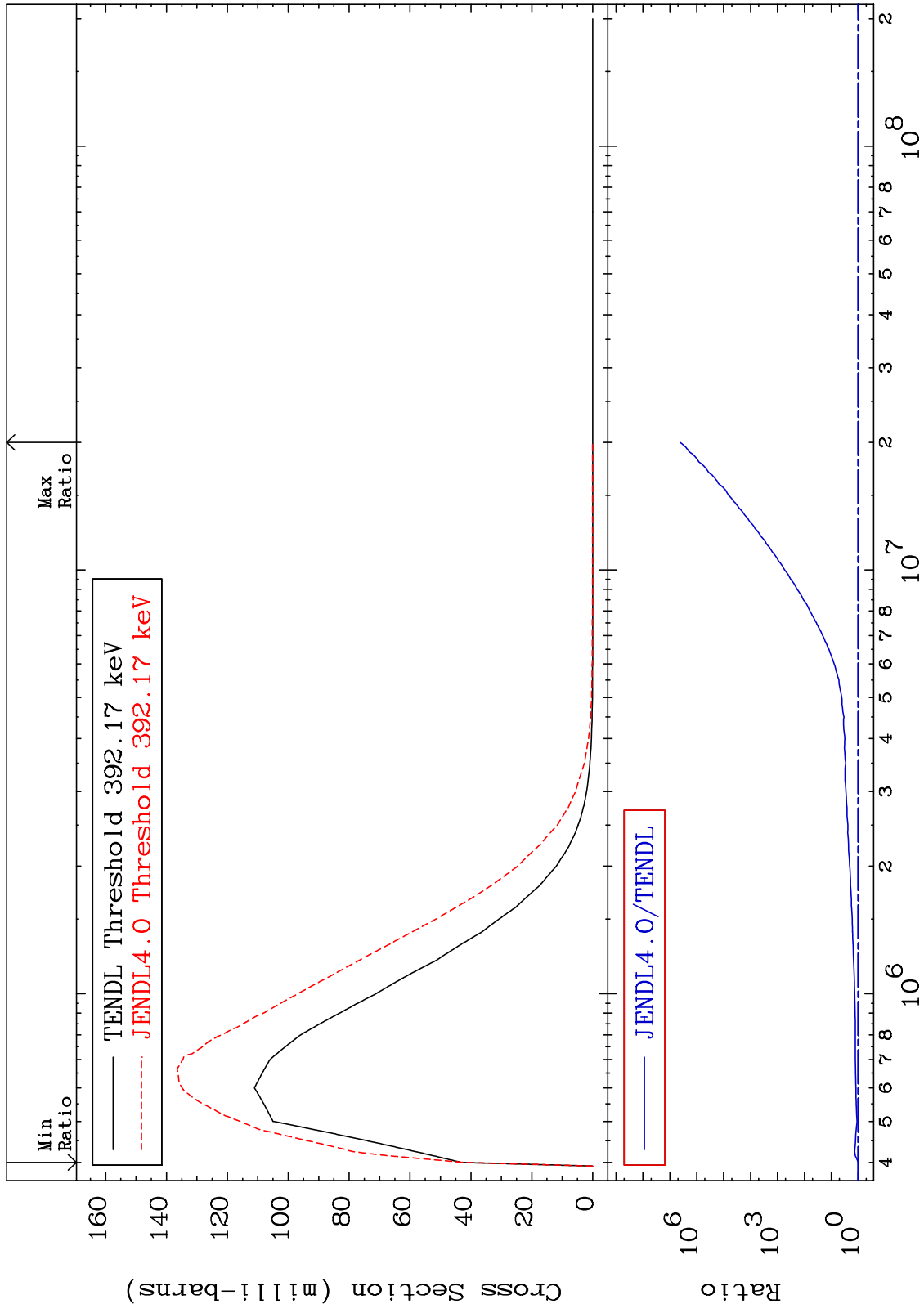
66-Dy-163
7.504 To 9999. %



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



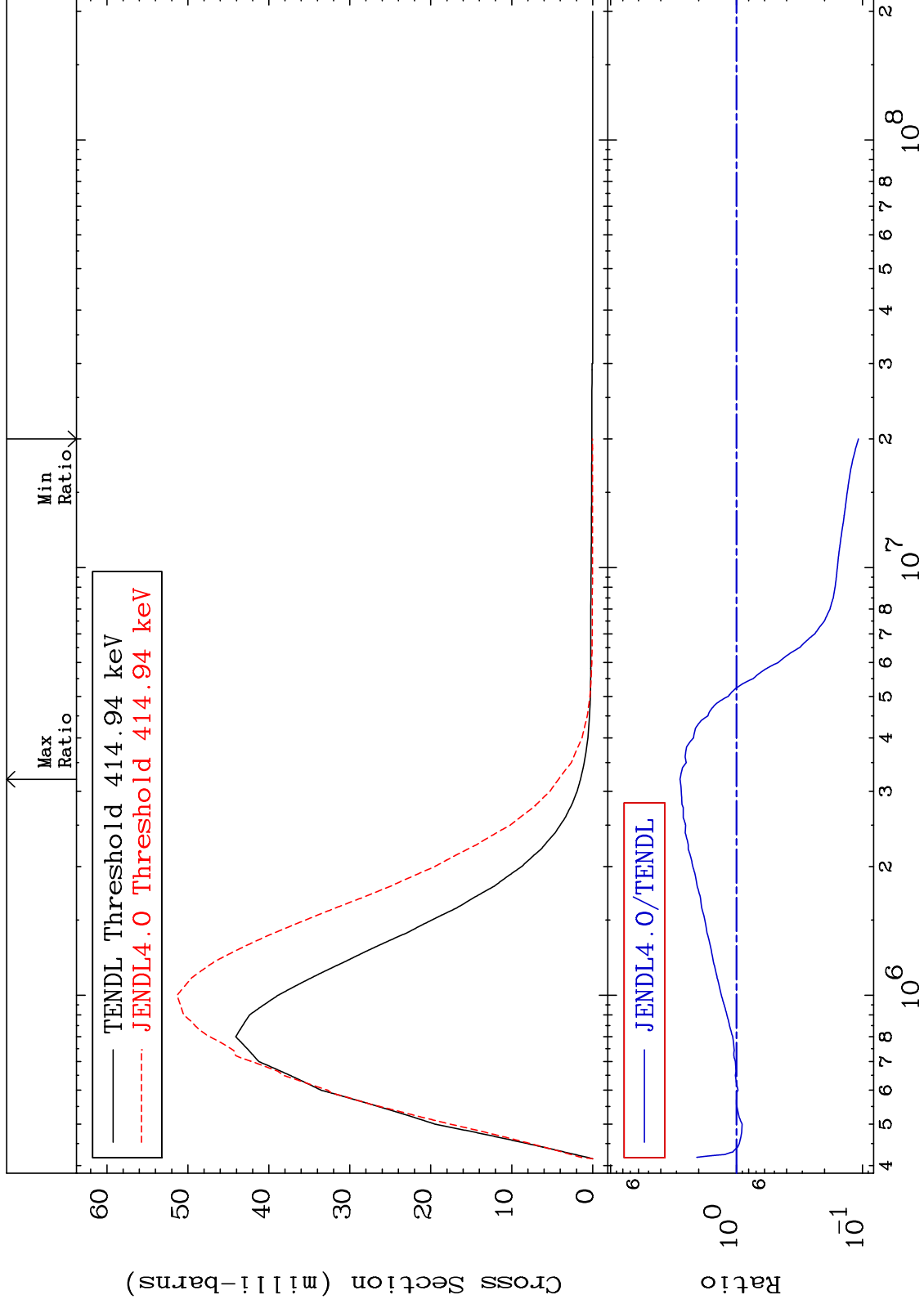
MAT 6646 MT= 58 (n,n') Level 66-Dy-163
 Cross Section -1.869 To 9999. %



MAT 6646

MT= 59 (n,n') Level
Cross Section

66-Dy-163
-89.23 To 181.1 %



20

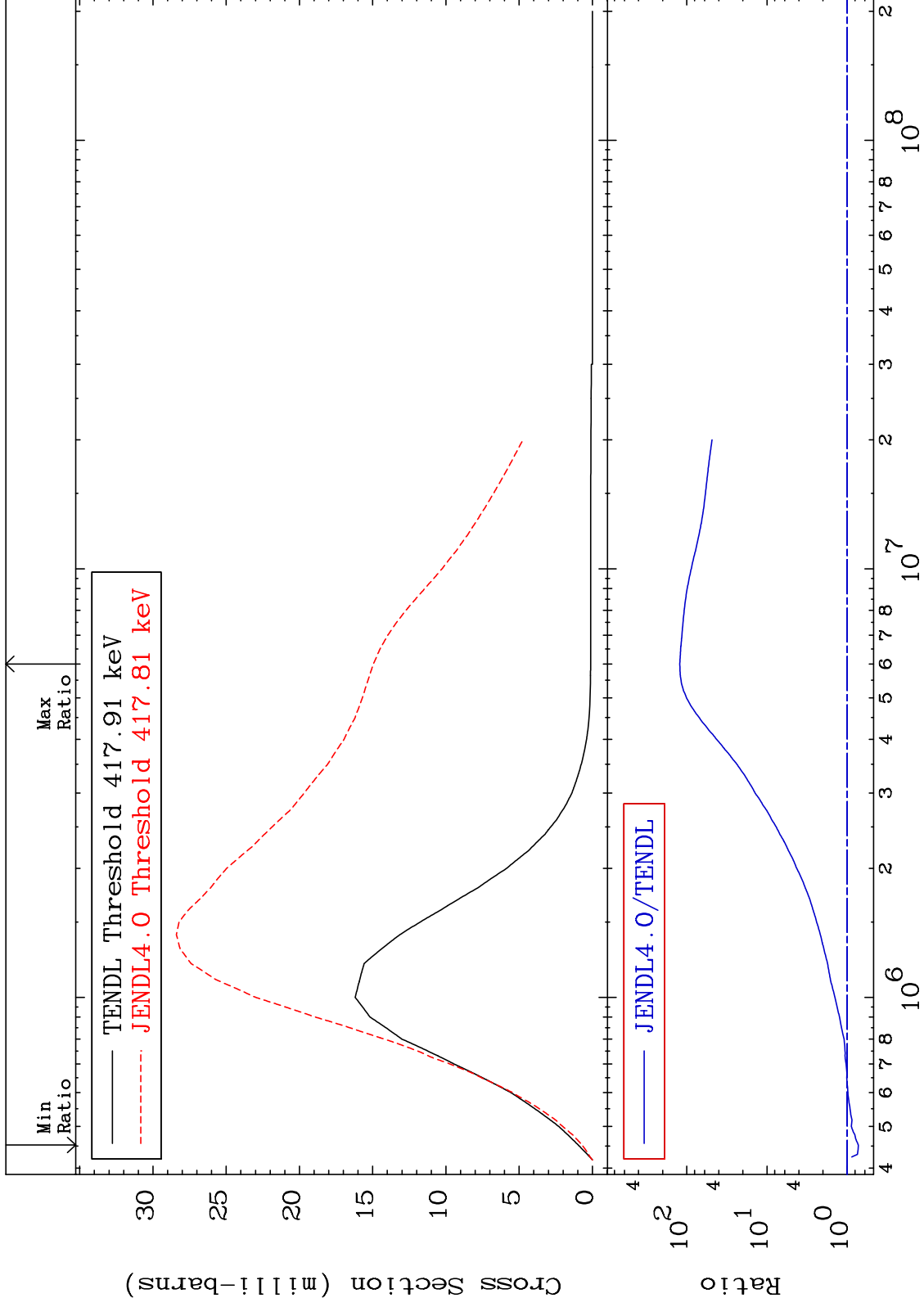
Incident Energy (eV)

66-Dy-163

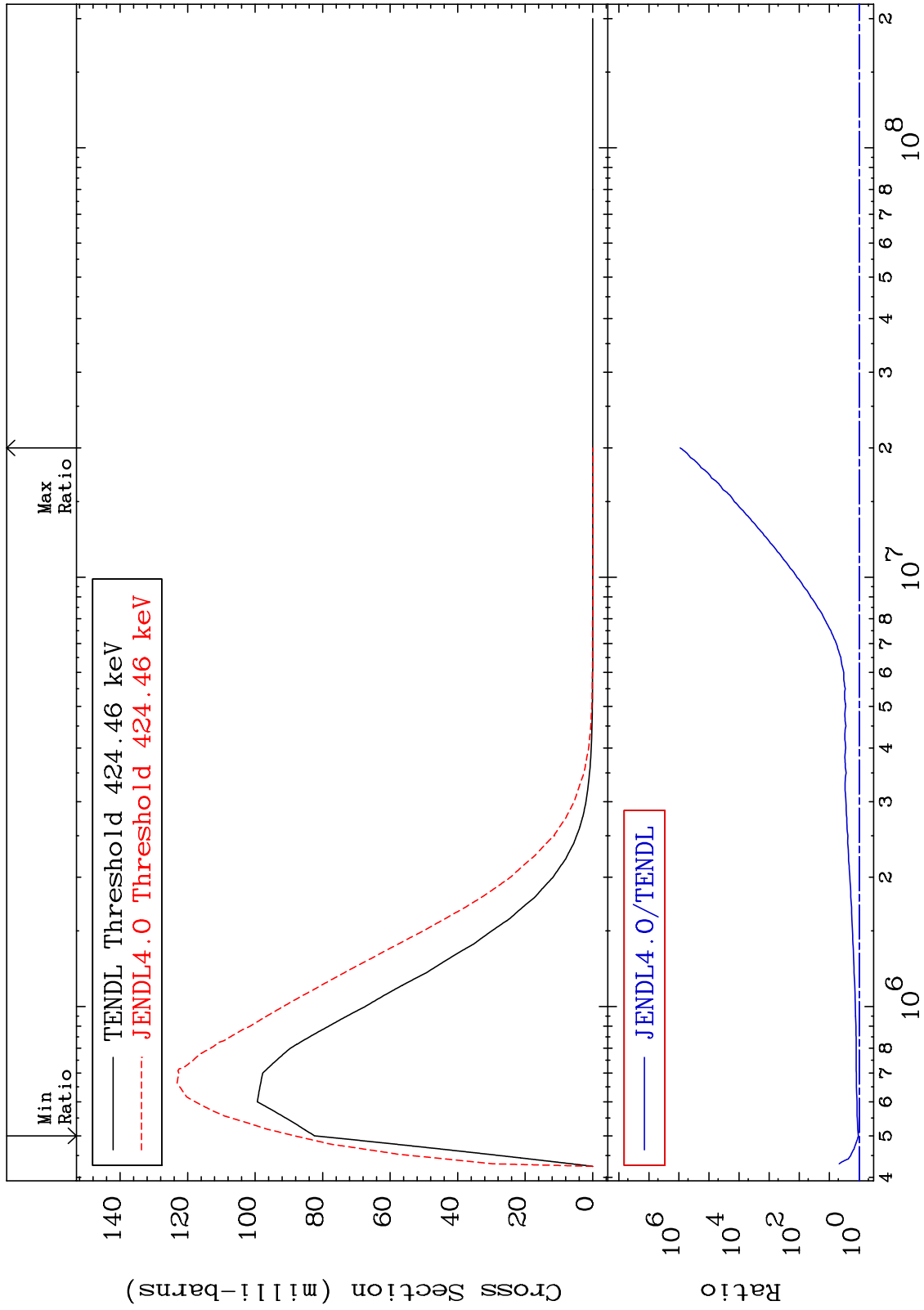
MAT 6646

MT= 60 (n,n') Level
Cross Section

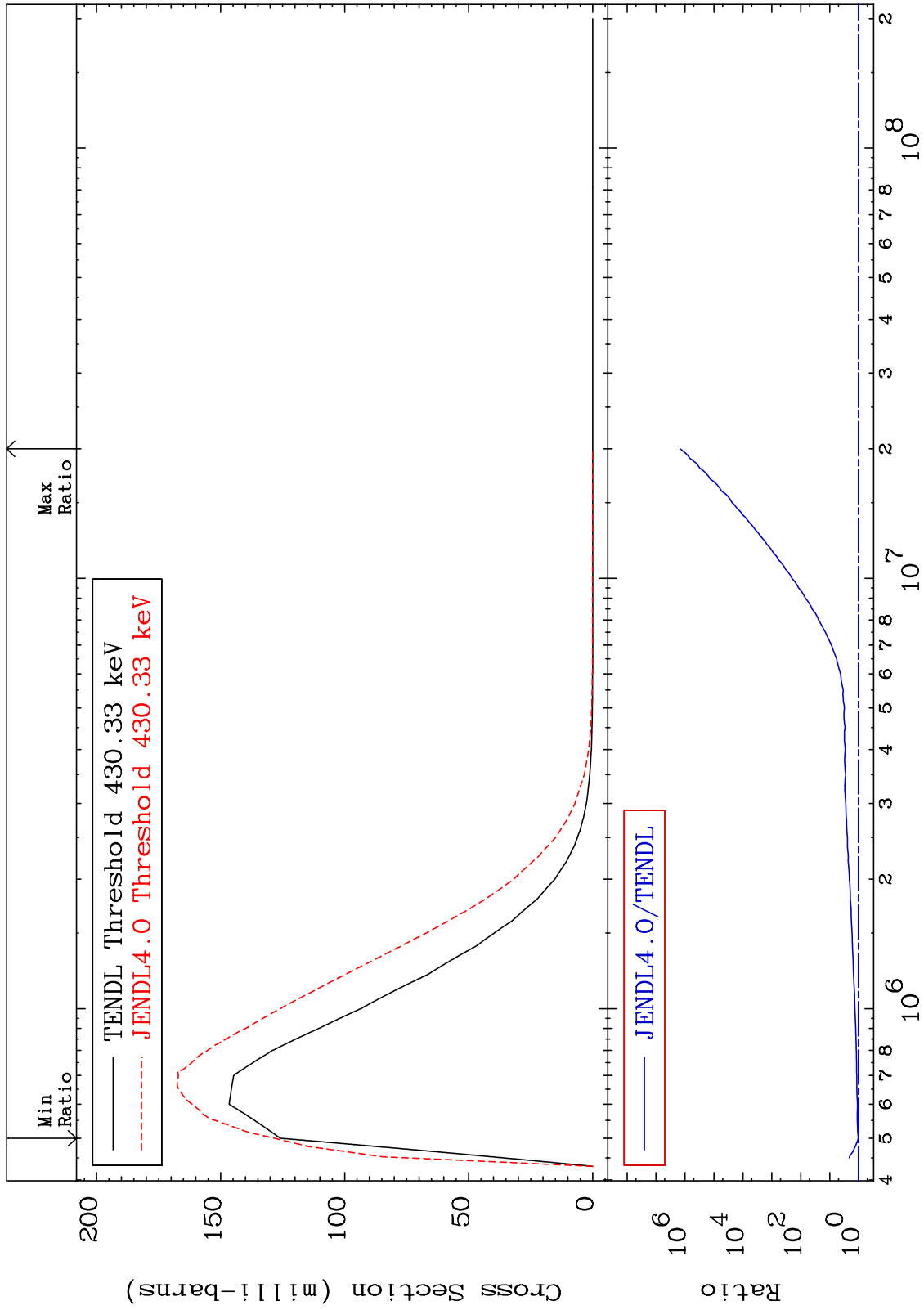
66-Dy-163
-27.49 To 9999. %



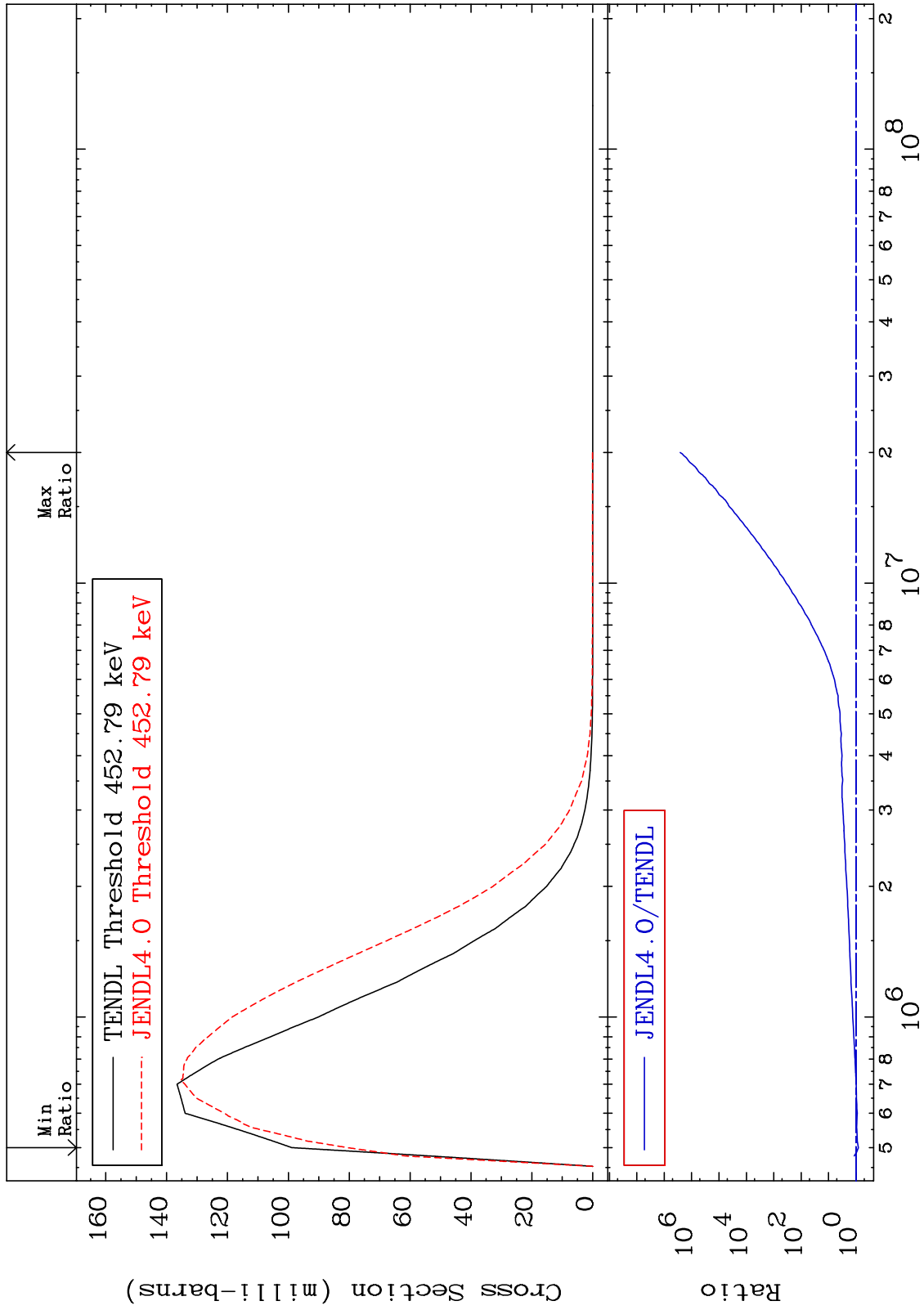
MAT 6646 MT= 61 (n,n') Level 66-Dy-163
 Cross Section 7.176 To 9999. %



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



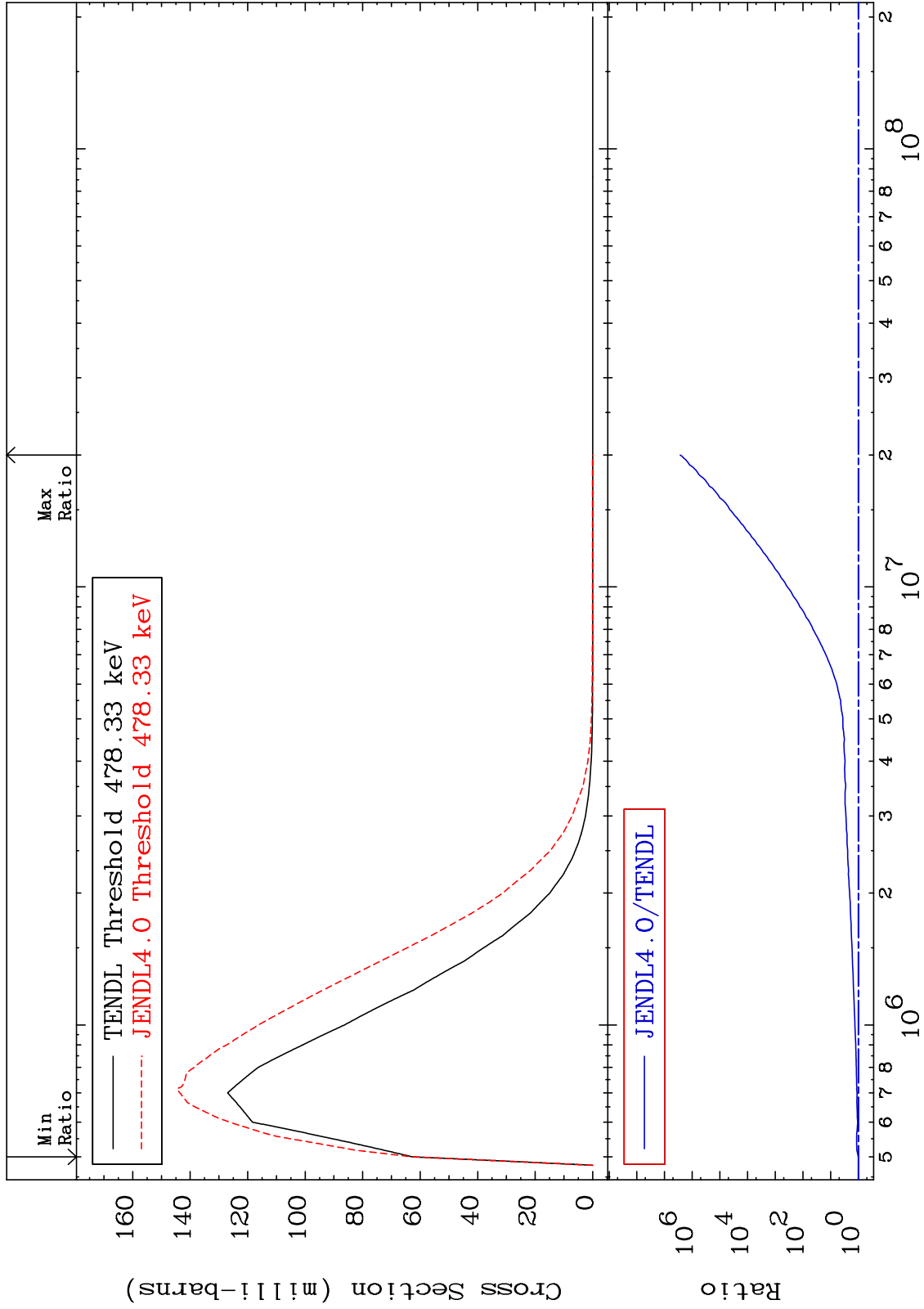
MAT 6646 MT= 63 (n,n') Level 66-Dy-163
 Cross Section -18.49 To 9999. %



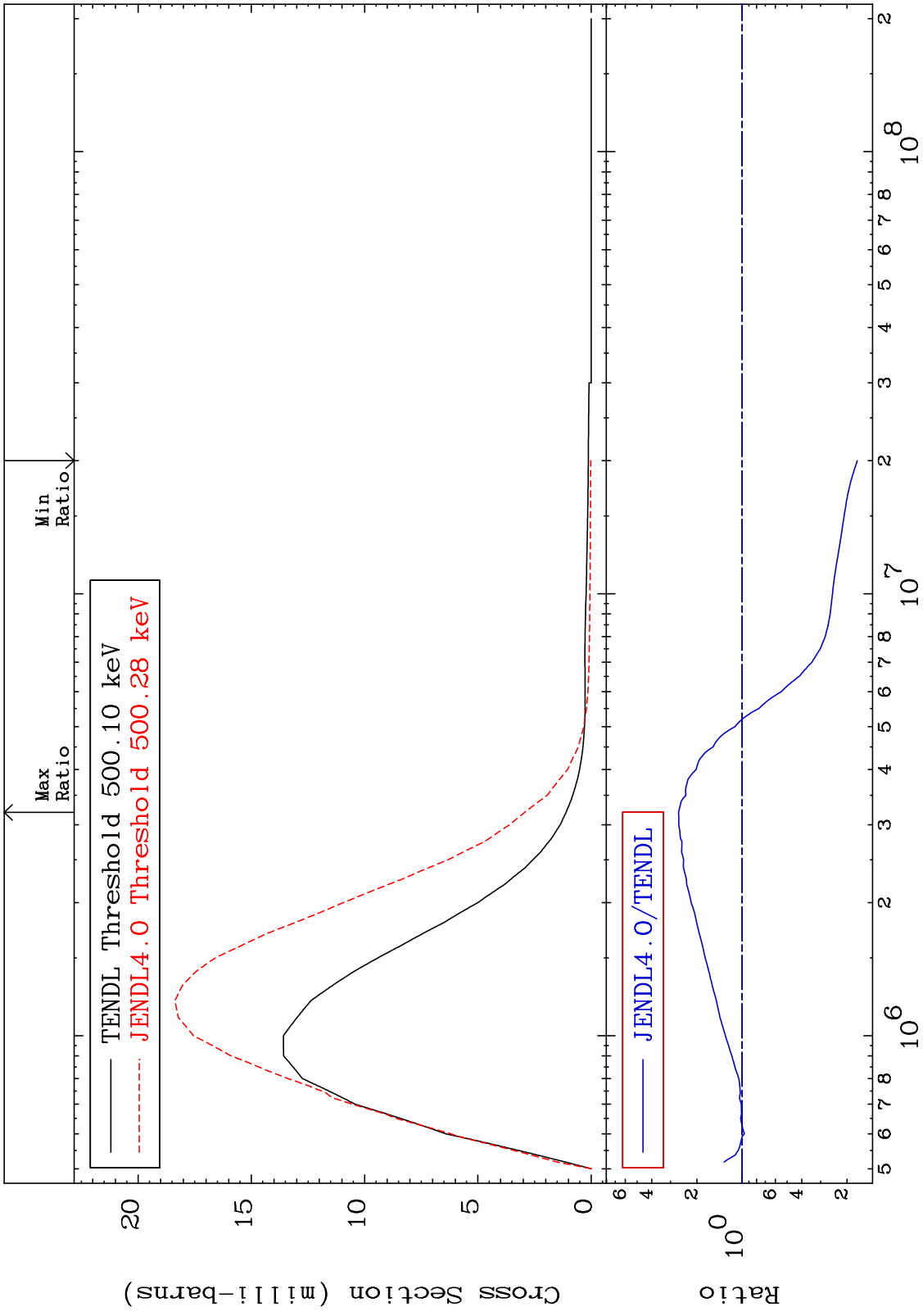
MAT 6646

MT= 64 (n,n') Level
Cross Section

66-Dy-163
0.210 To 9999. %



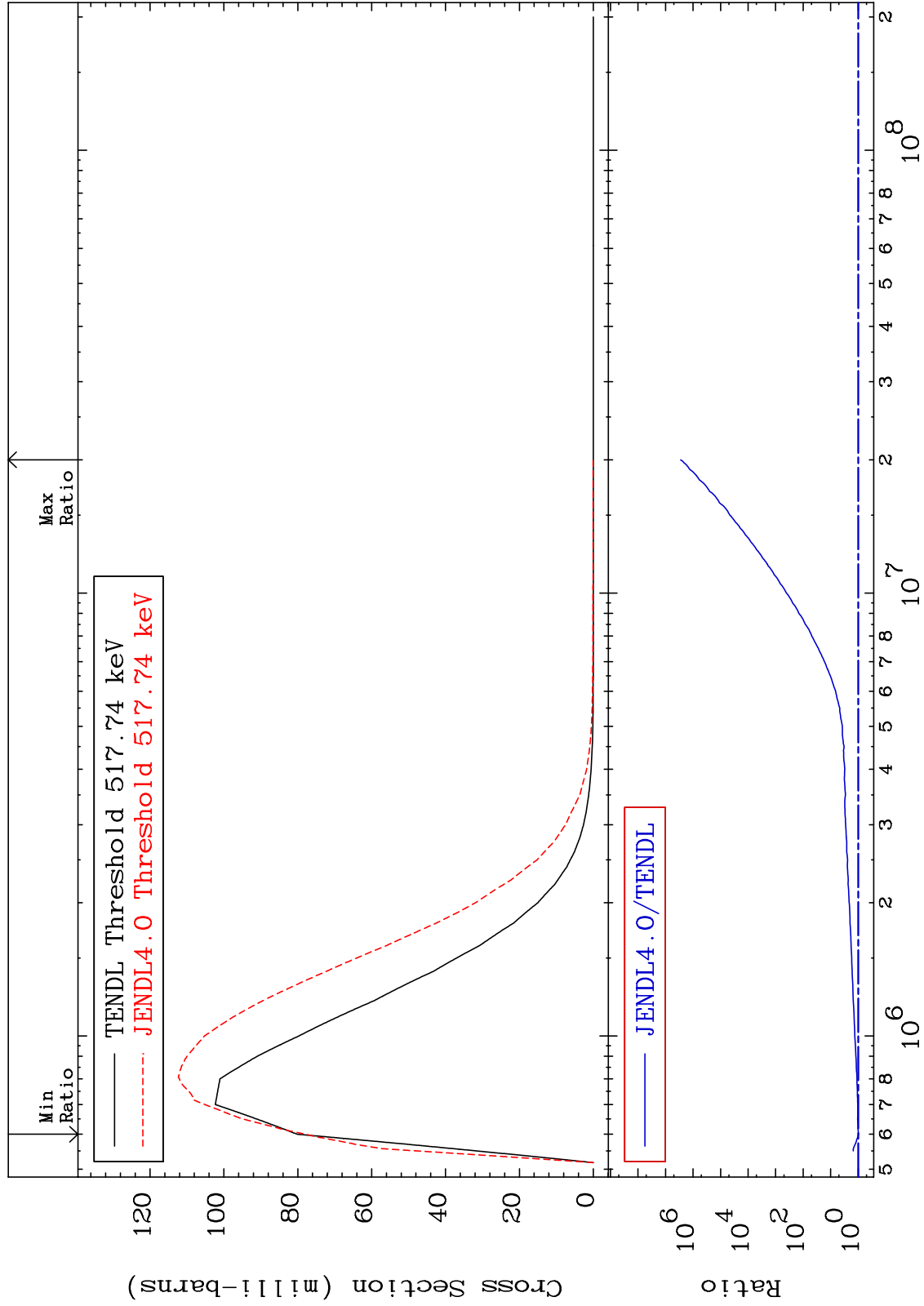
MAT 6646 MT= 65 (n,n') Level 66-Dy-163
 Cross Section -82.94 To 164.6 %



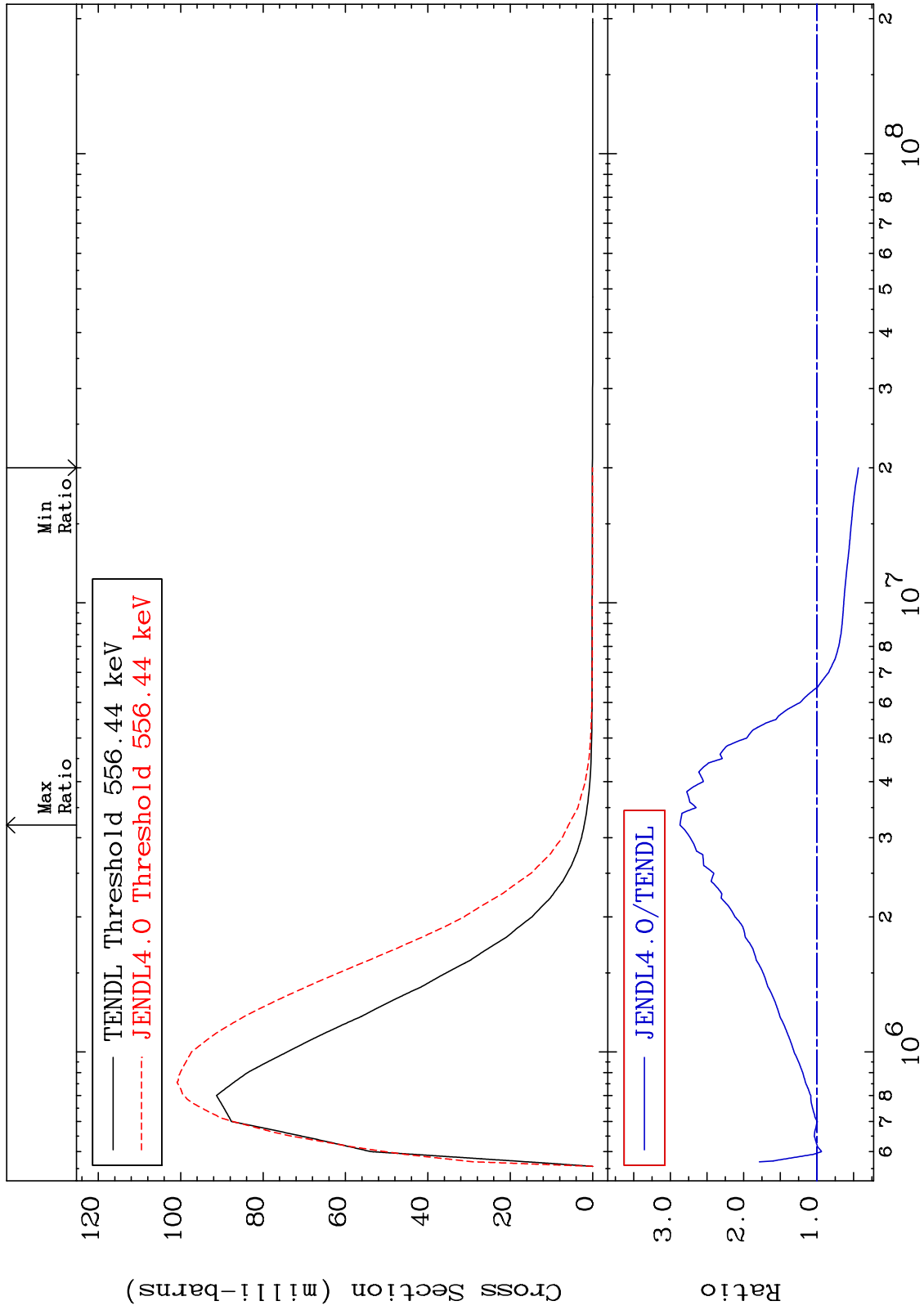
MAT 6646

MT= 66 (n,n') Level
Cross Section

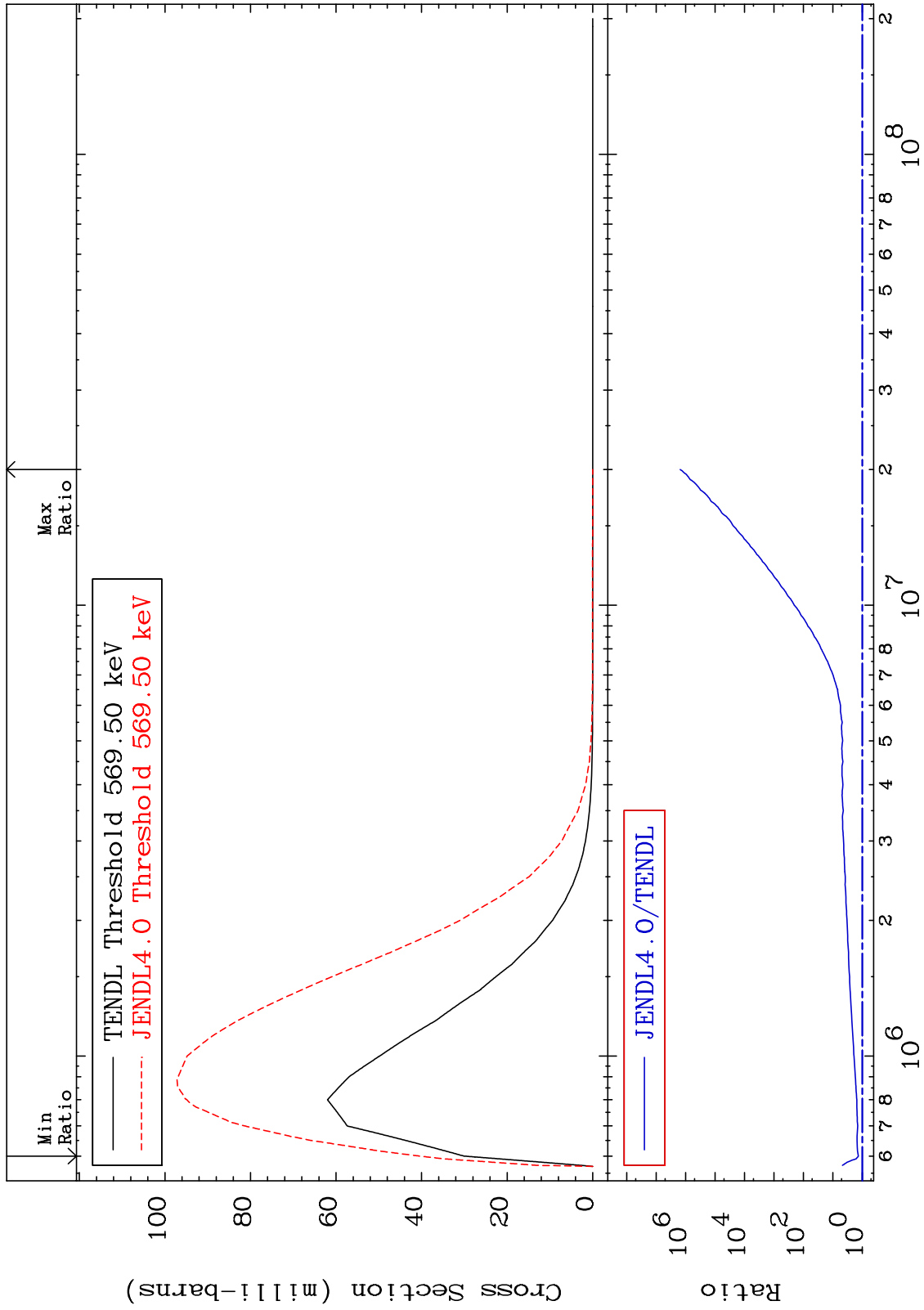
66-Dy-163
-2.710 To 9999. %



MAT 6646 MT= 67 (n,n') Level Cross Section 66-Dy-163 -56.50 To 186.9 %



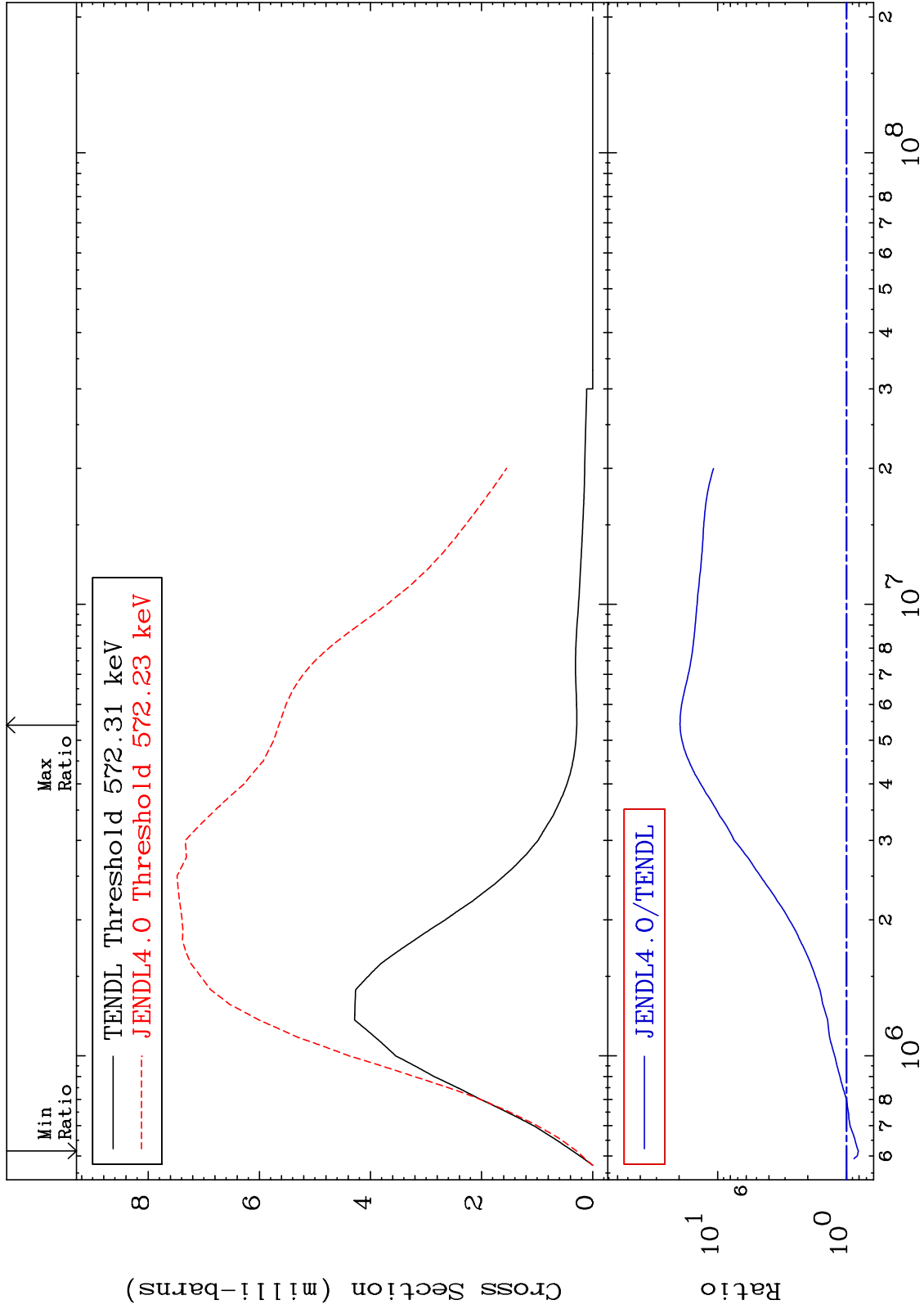
MAT 6646 MT= 68 (n,n') Level 66-Dy-163
 Cross Section 34.52 To 9999. %



MAT 6646

MT= 69 (n,n') Level
Cross Section

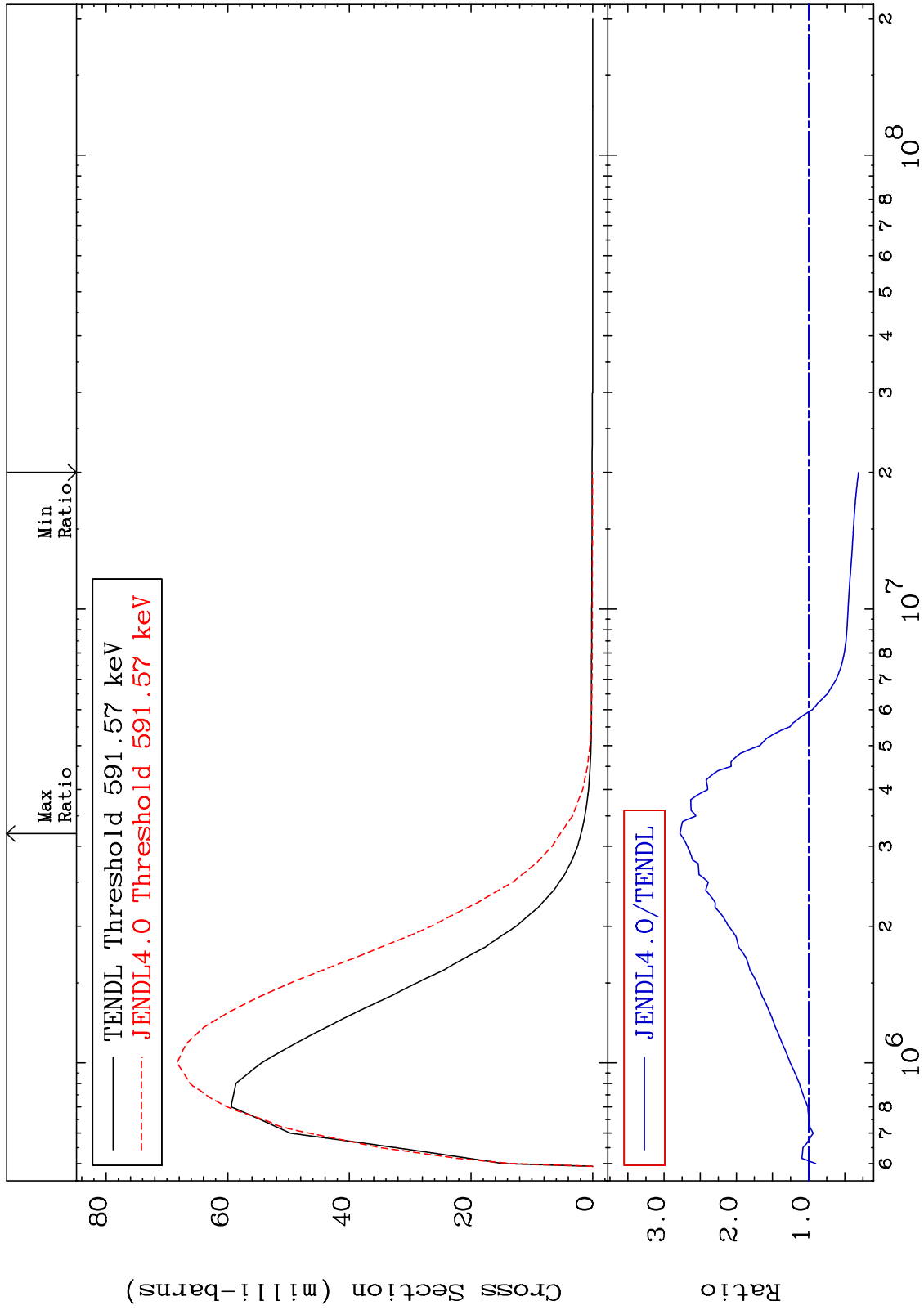
66-Dy-163
-19.08 To 1863. %



30

66-Dy-163

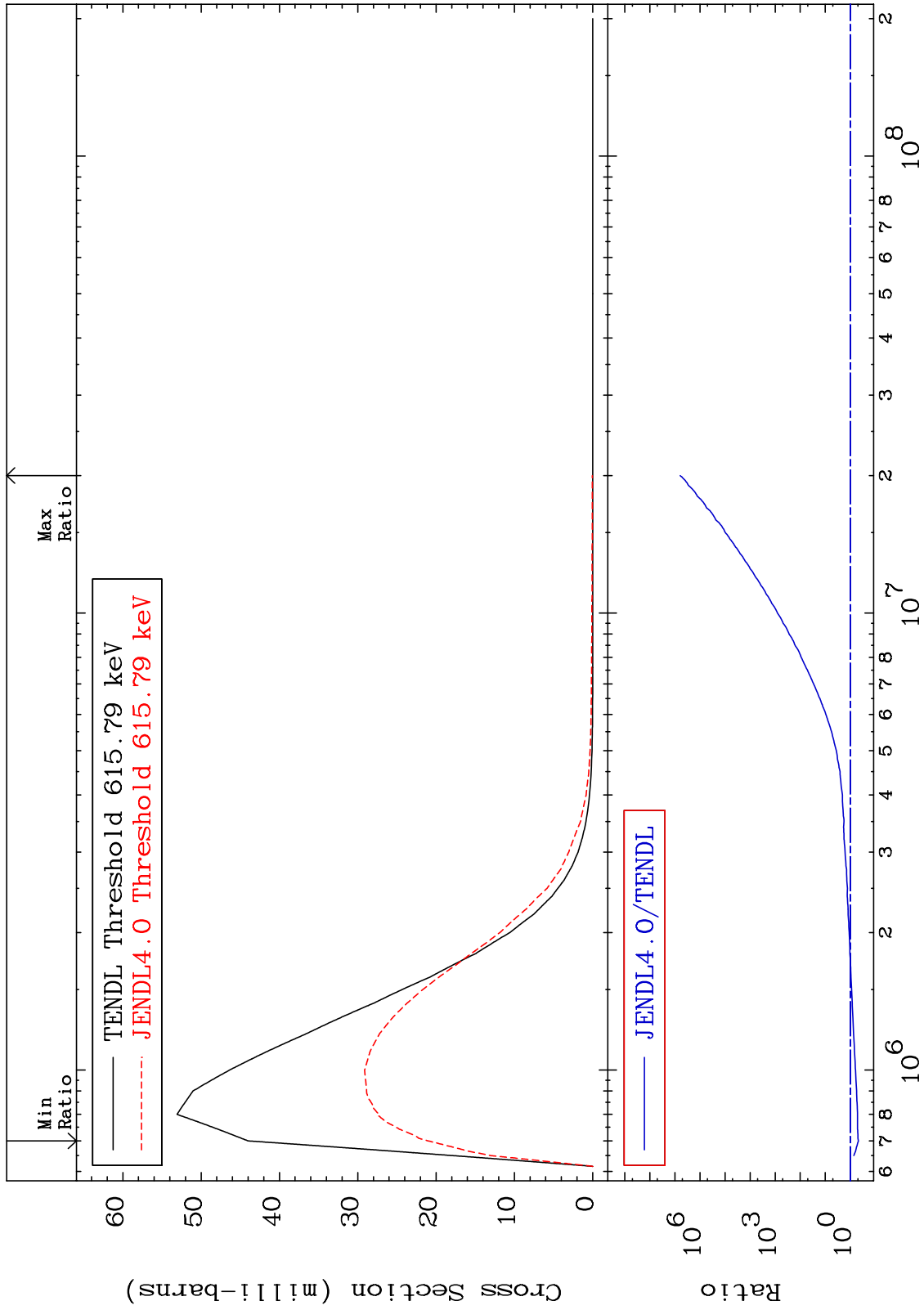
MAT 6646 MT= 70 (n,n') Level
Cross Section 66-Dy-163
-68.83 To 177.9 %



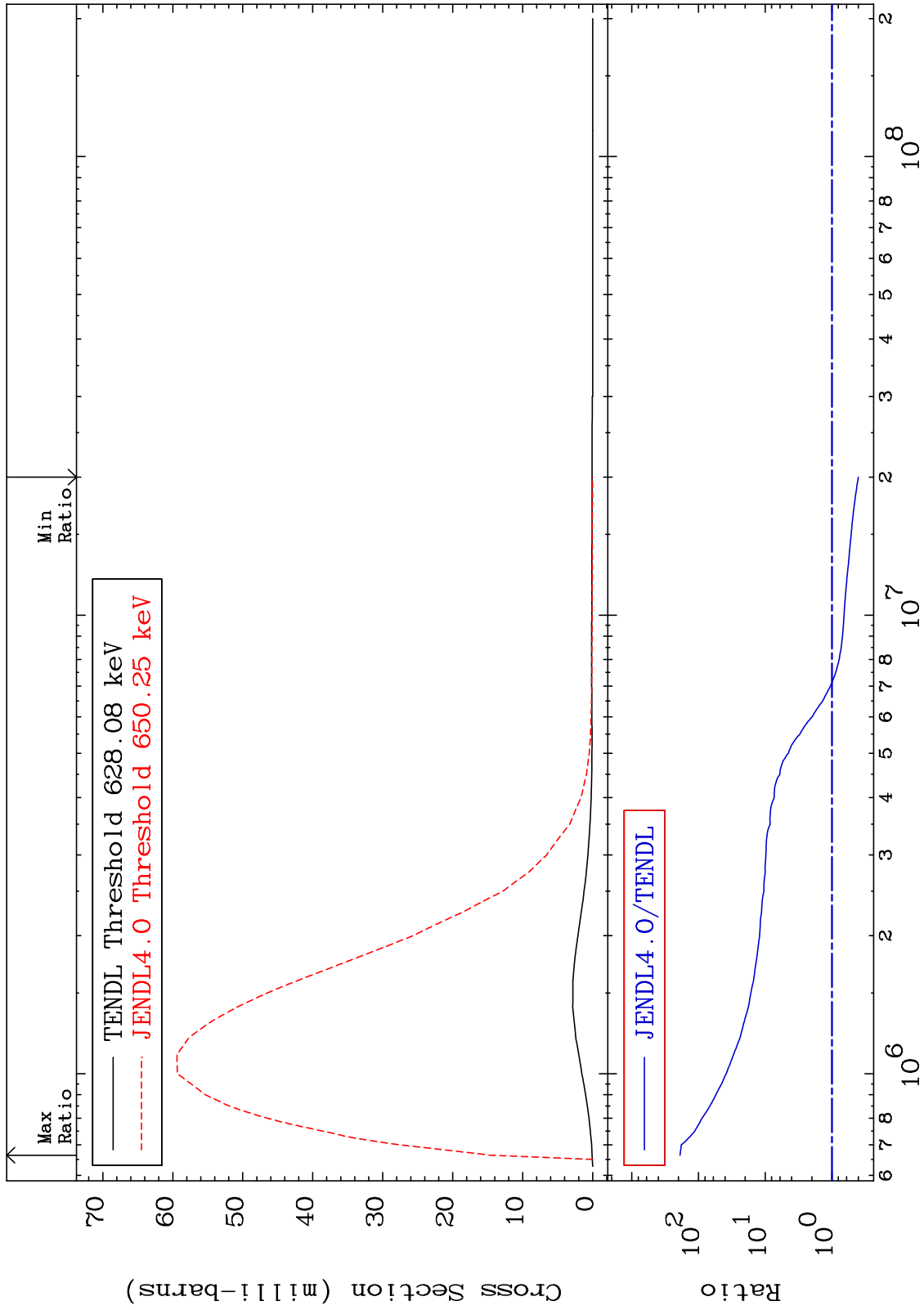
MAT 6646

MT= 71 (n,n') Level
Cross Section

66-Dy-163
-52.27 To 9999. %



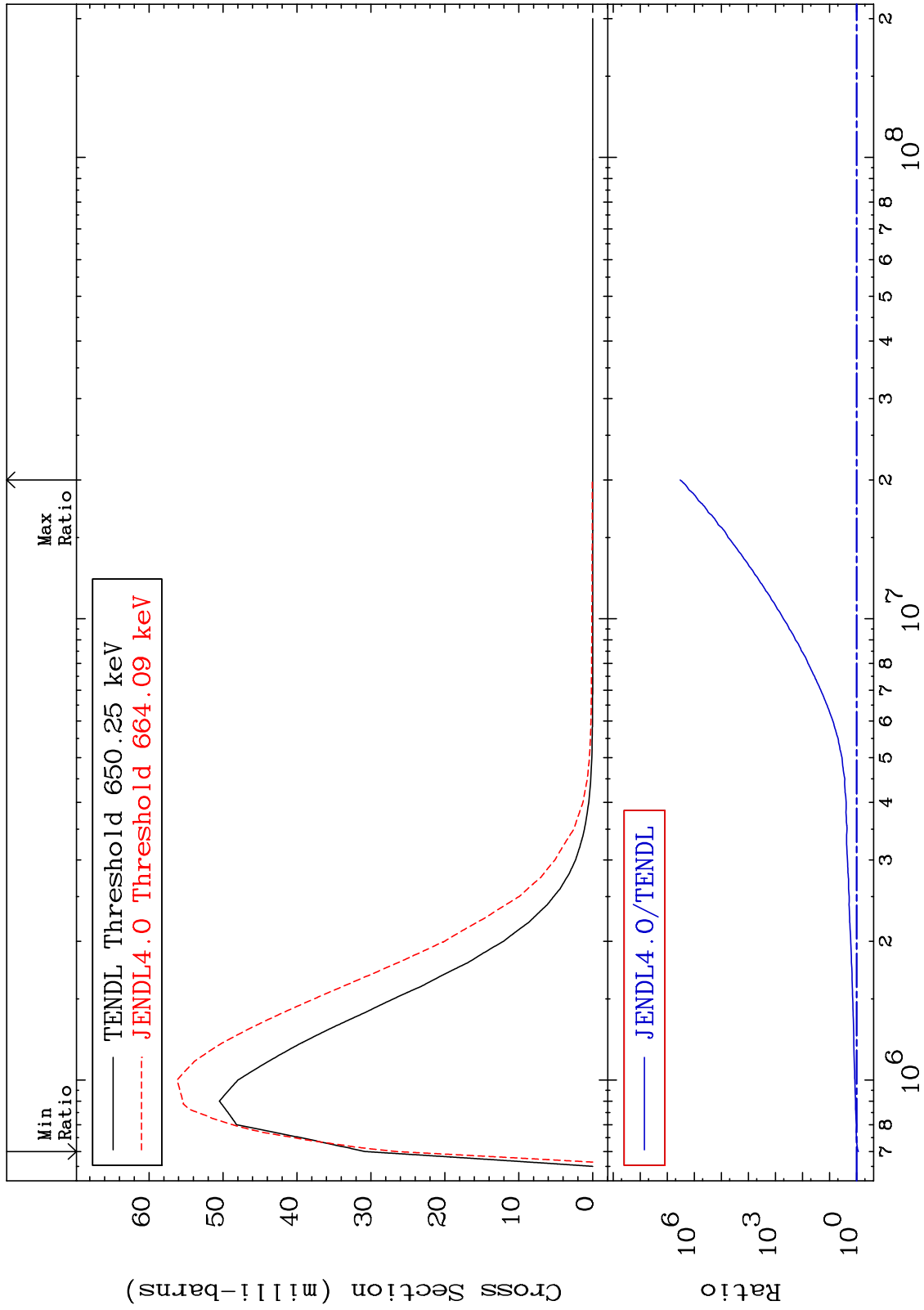
MAT 6646 MT= 72 (n,n') Level 66-Dy-163
 Cross Section -60.01 To 9999. %



MAT 6646

MT= 73 (n,n') Level
Cross Section

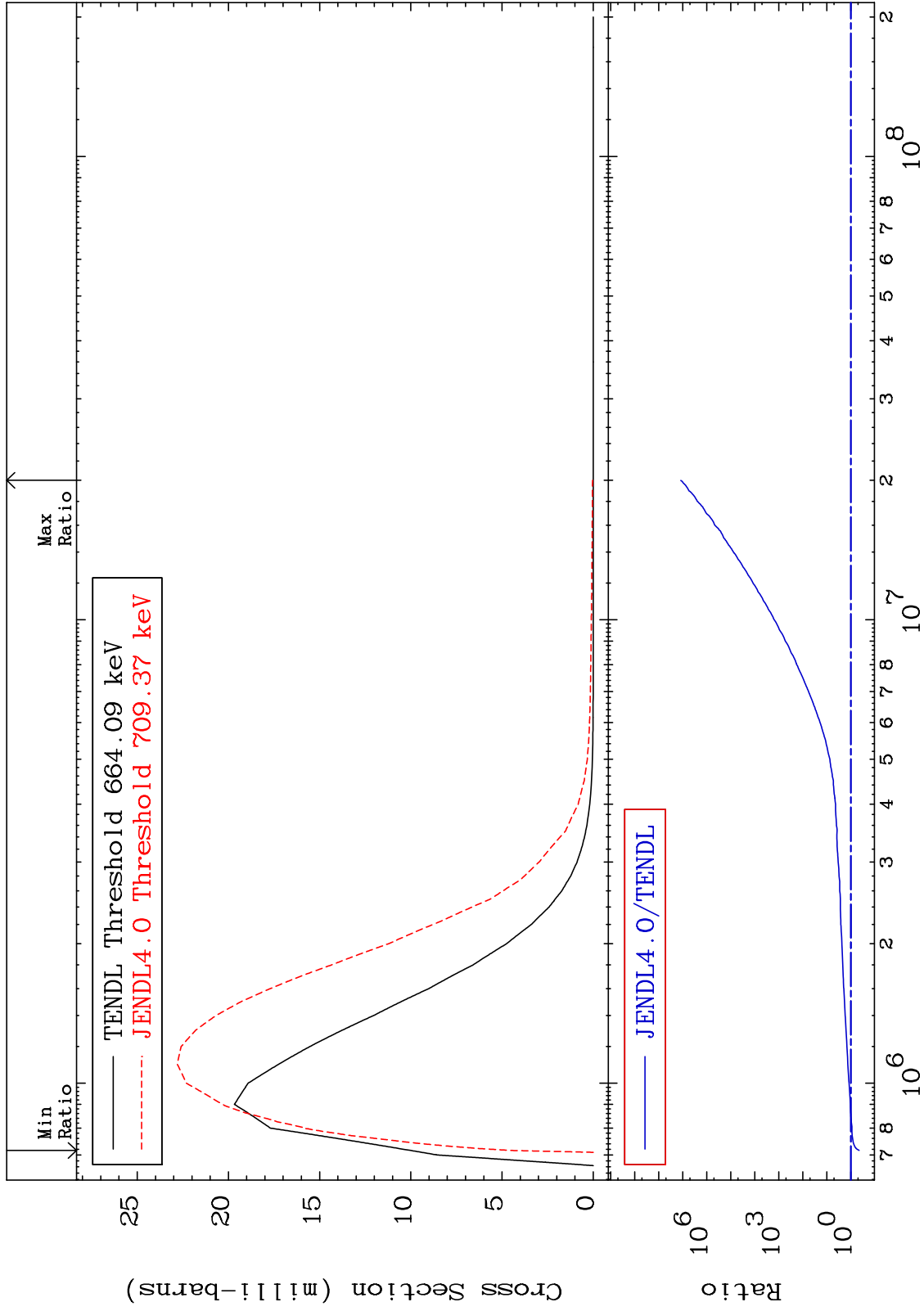
66-Dy-163
-13.78 To 9999. %



MAT 6646

MT= 74 (n,n') Level
Cross Section

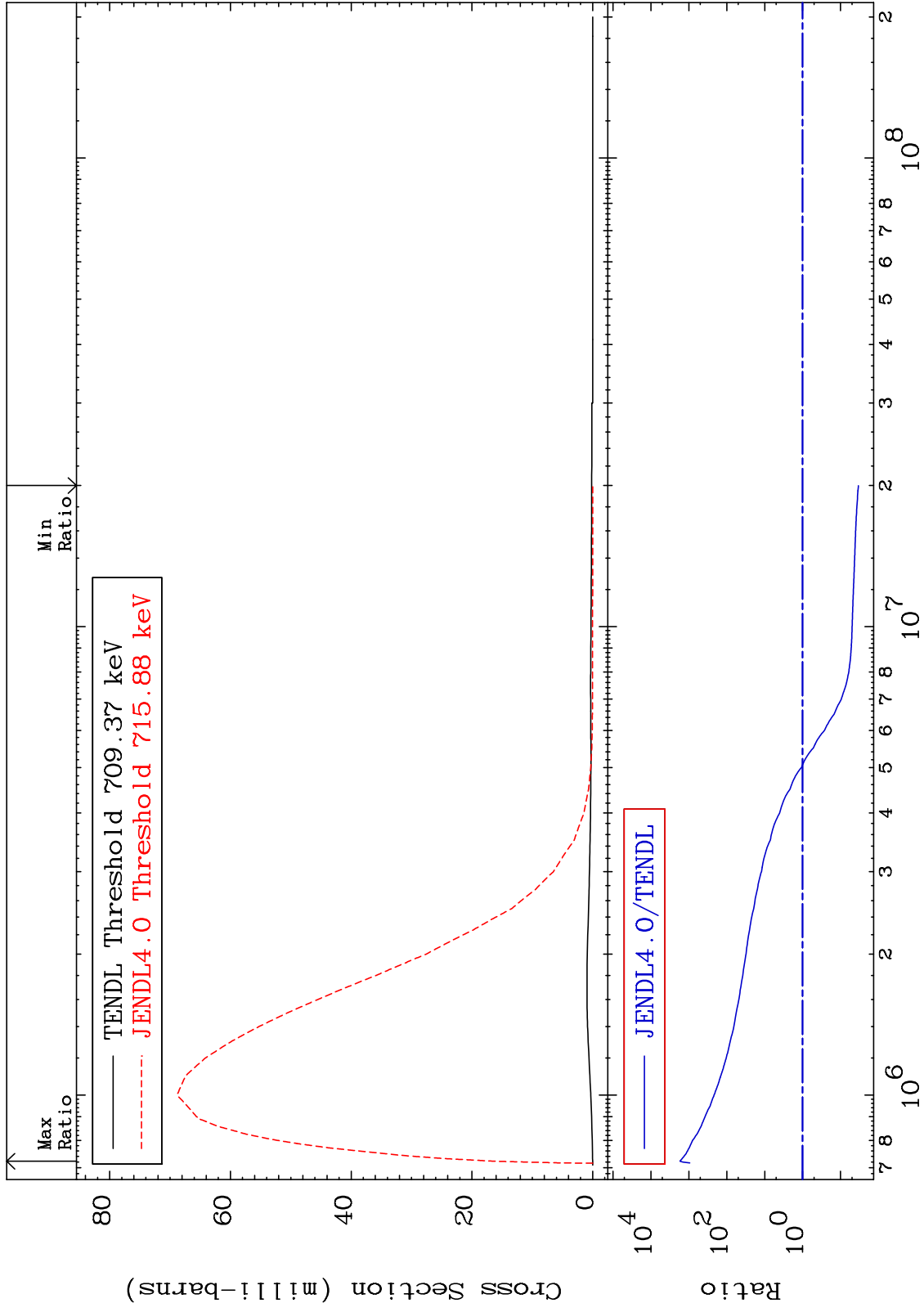
66-Dy-163
-55.24 To 9999. %



MAT 6646

MT= 75 (n,n') Level
Cross Section

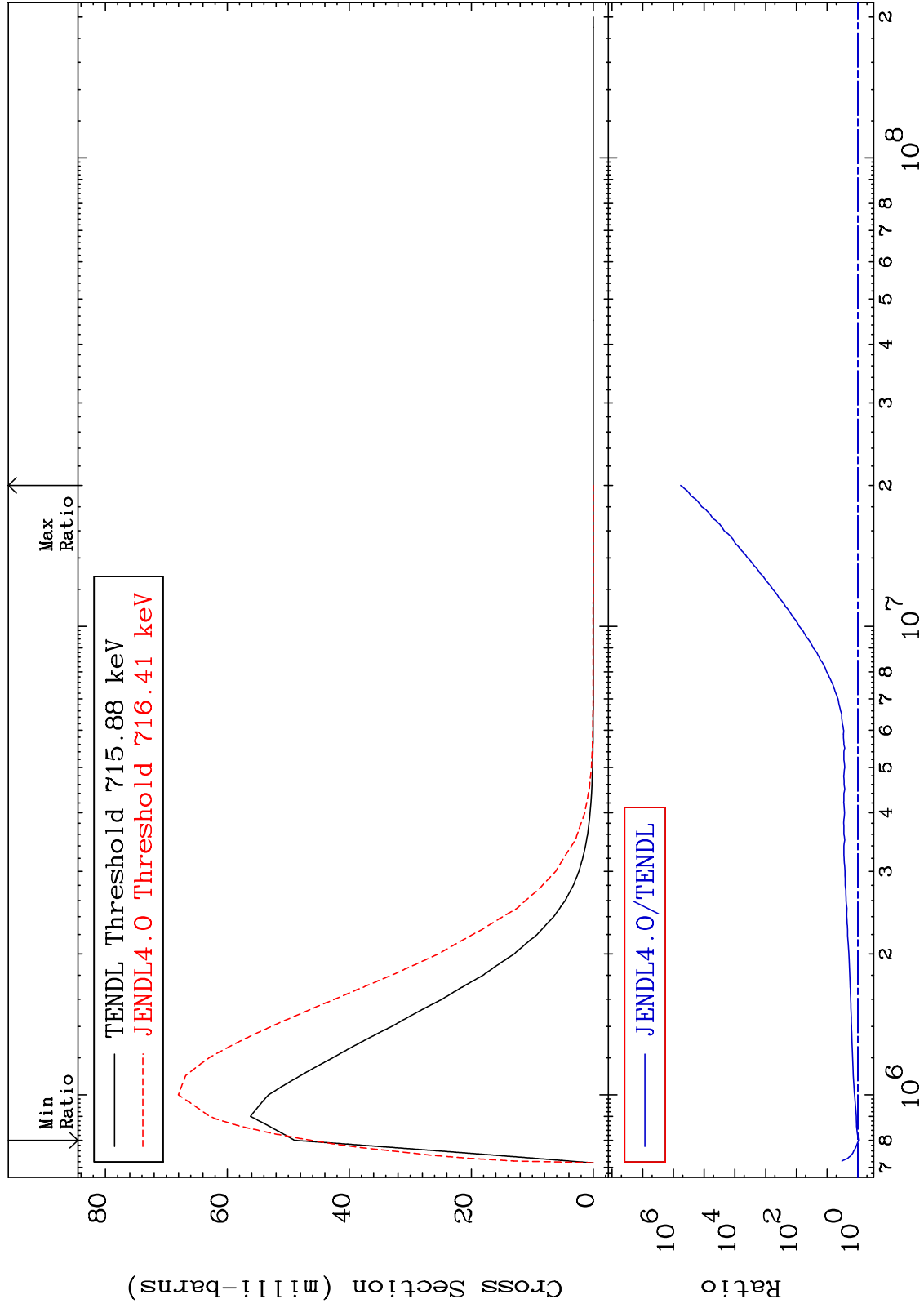
66-Dy-163
-96.62 To 9999. %



MAT 6646

MT= 76 (n,n') Level
Cross Section

66-Dy-163
-5.675 To 9999. %



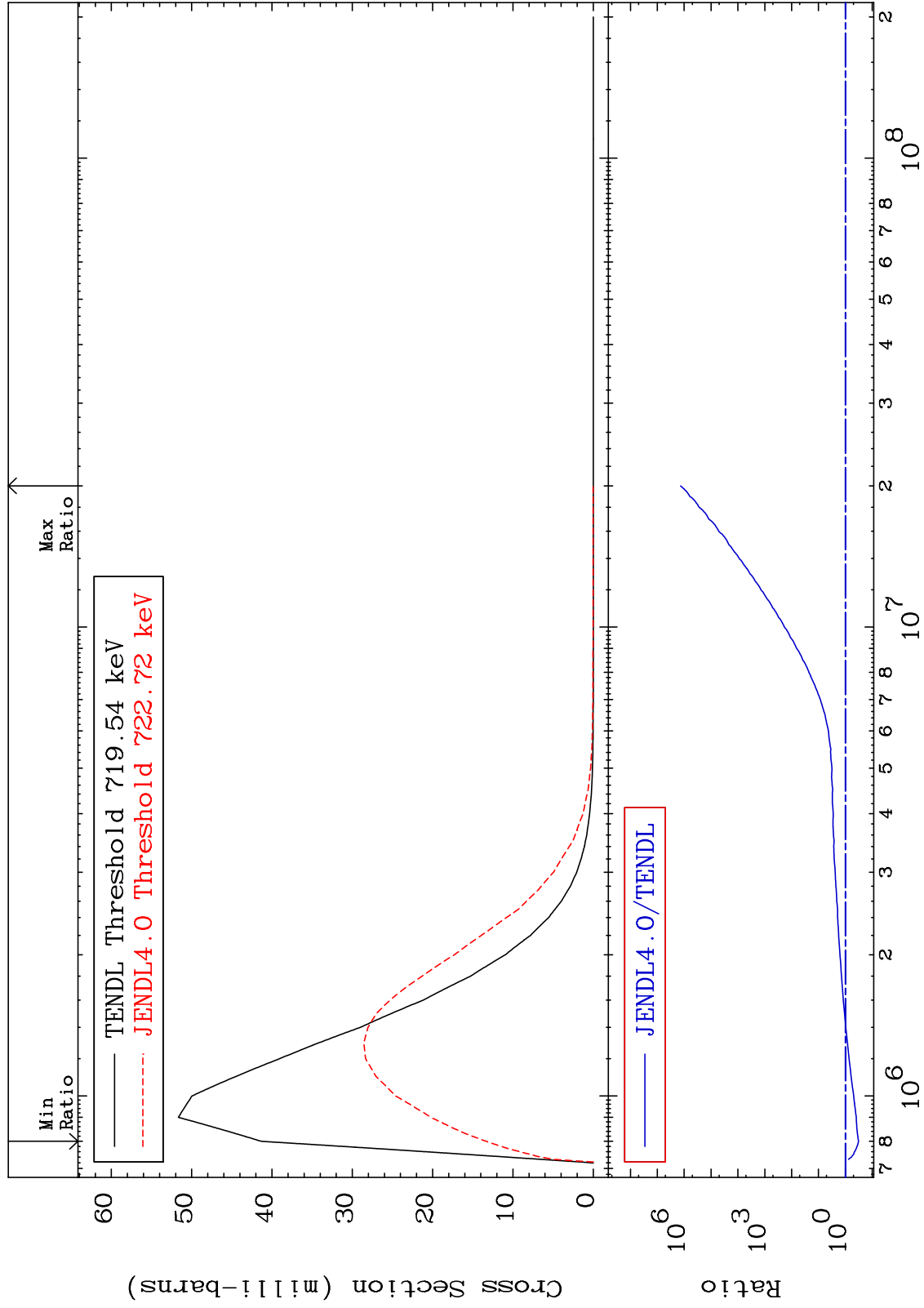
37

66-Dy-163

MAT 6646

MT= 77 (n,n') Level
Cross Section

66-Dy-163
-67.72 To 9999. %



38

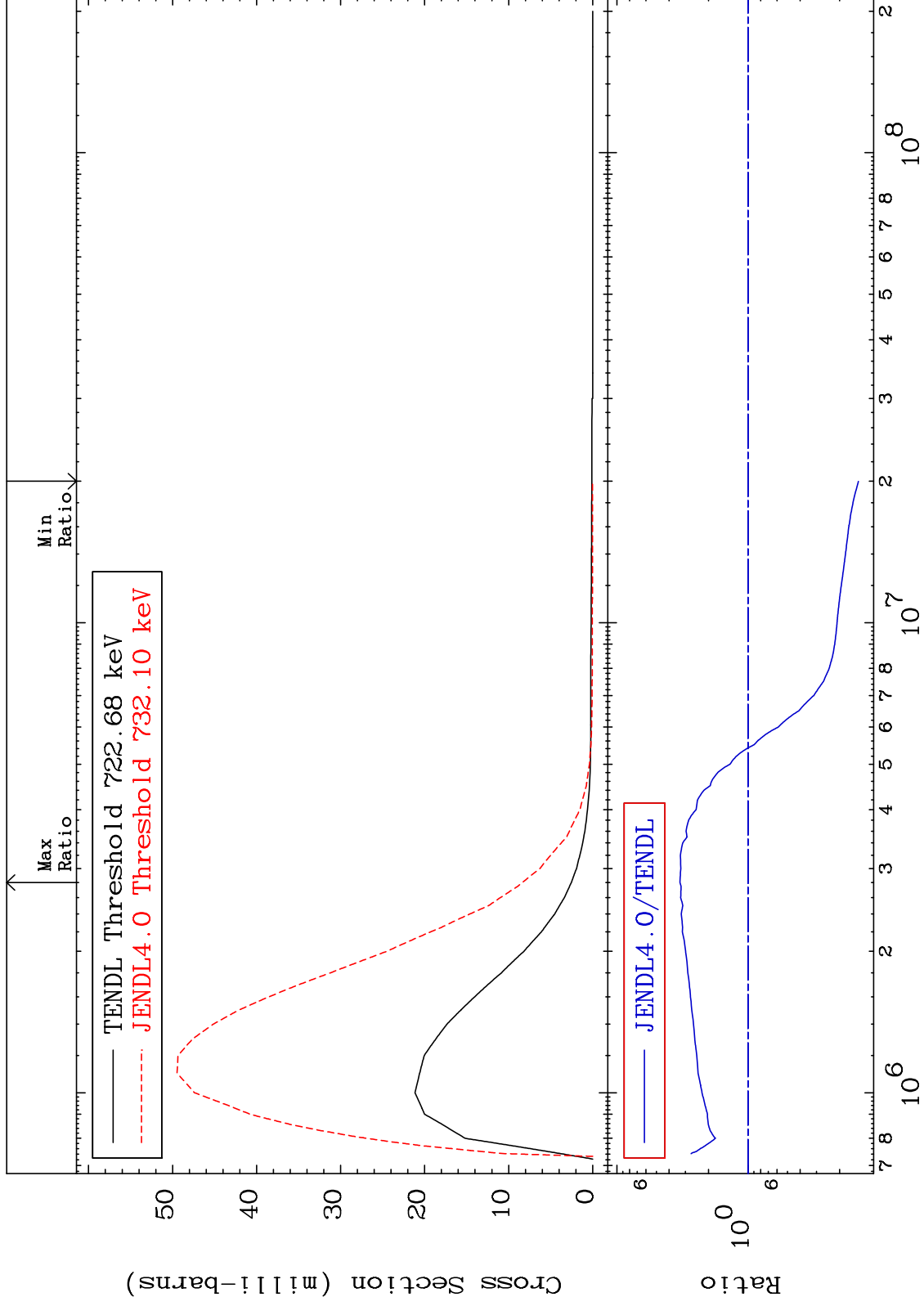
Incident Energy (eV)

66-Dy-163

MAT 6646

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

66-Dy-163
-85.62 To 229.9 %



39

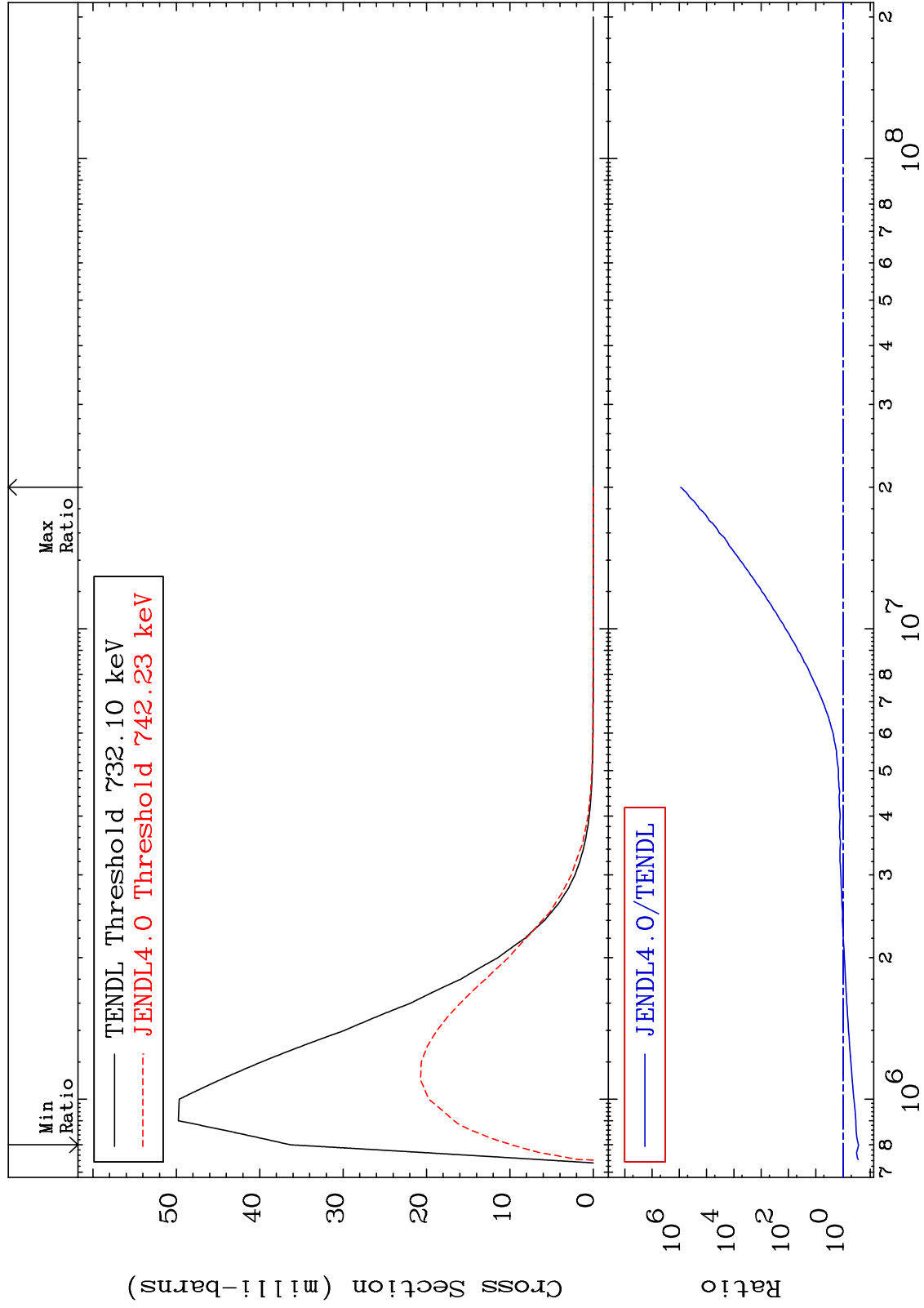
Incident Energy (eV)

66-Dy-163

MAT 6646

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

66-Dy-163
-73.04 To 9999. %



40

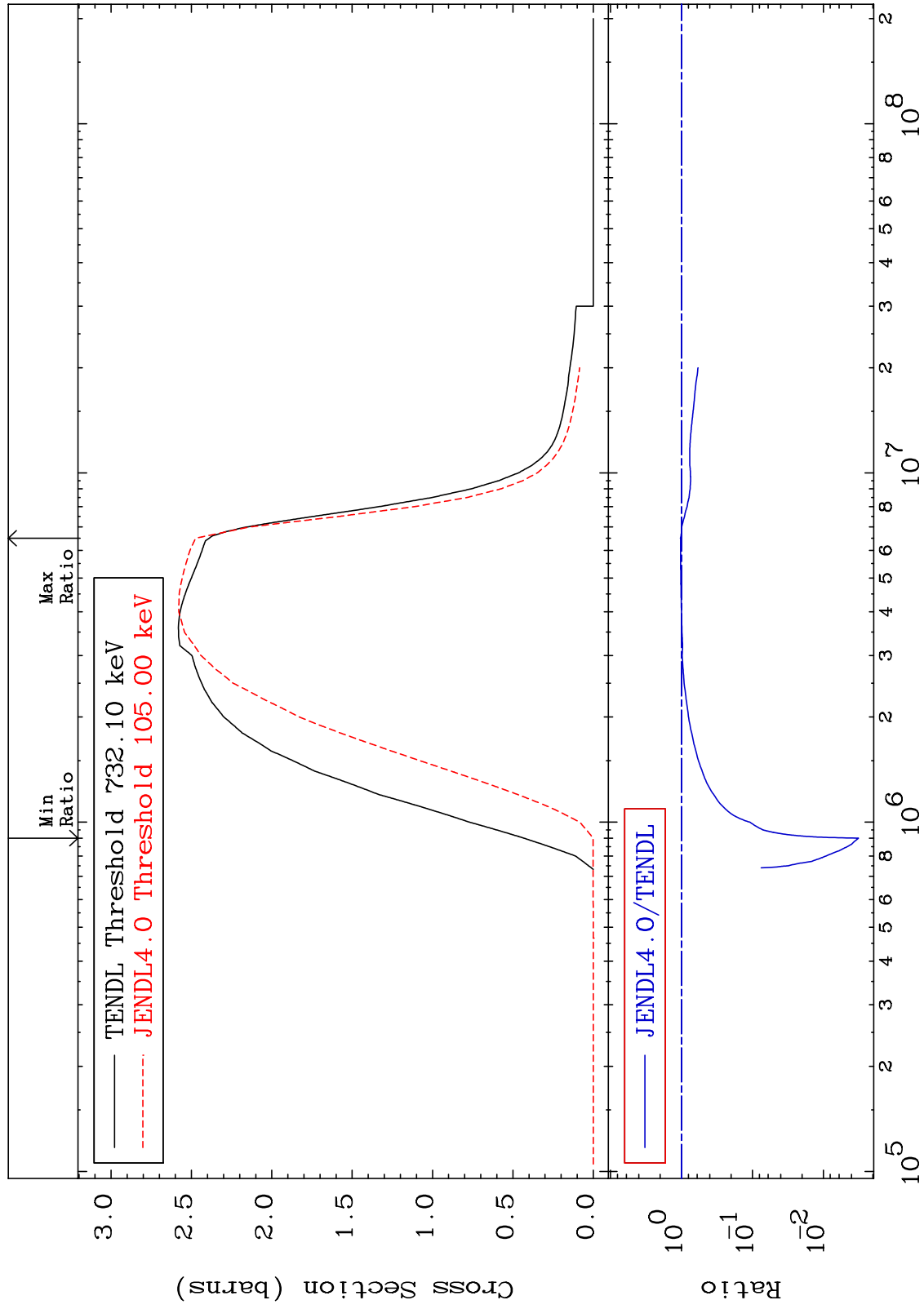
Incident Energy (eV)

66-Dy-163

MAT 6646

(n, n') Continuum
Cross Section

66-Dy-163
-99.68 To 3.504 %



41

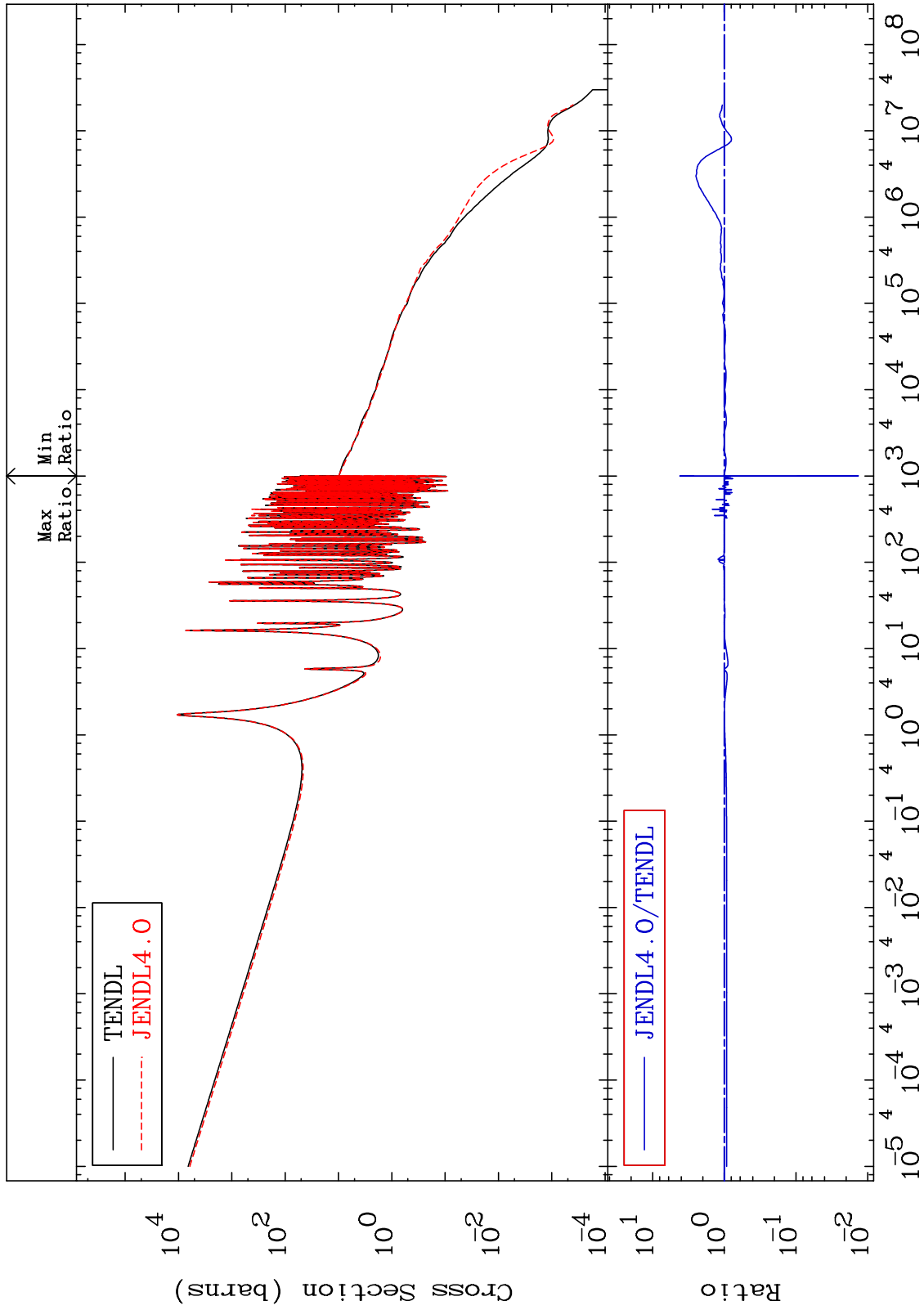
Incident Energy (eV)

66-Dy-163

MAT 6646

(n, γ)
Cross Section

66-Dy-163
-98.65 To 315.0 %



42

Incident Energy (eV)

66-Dy-163

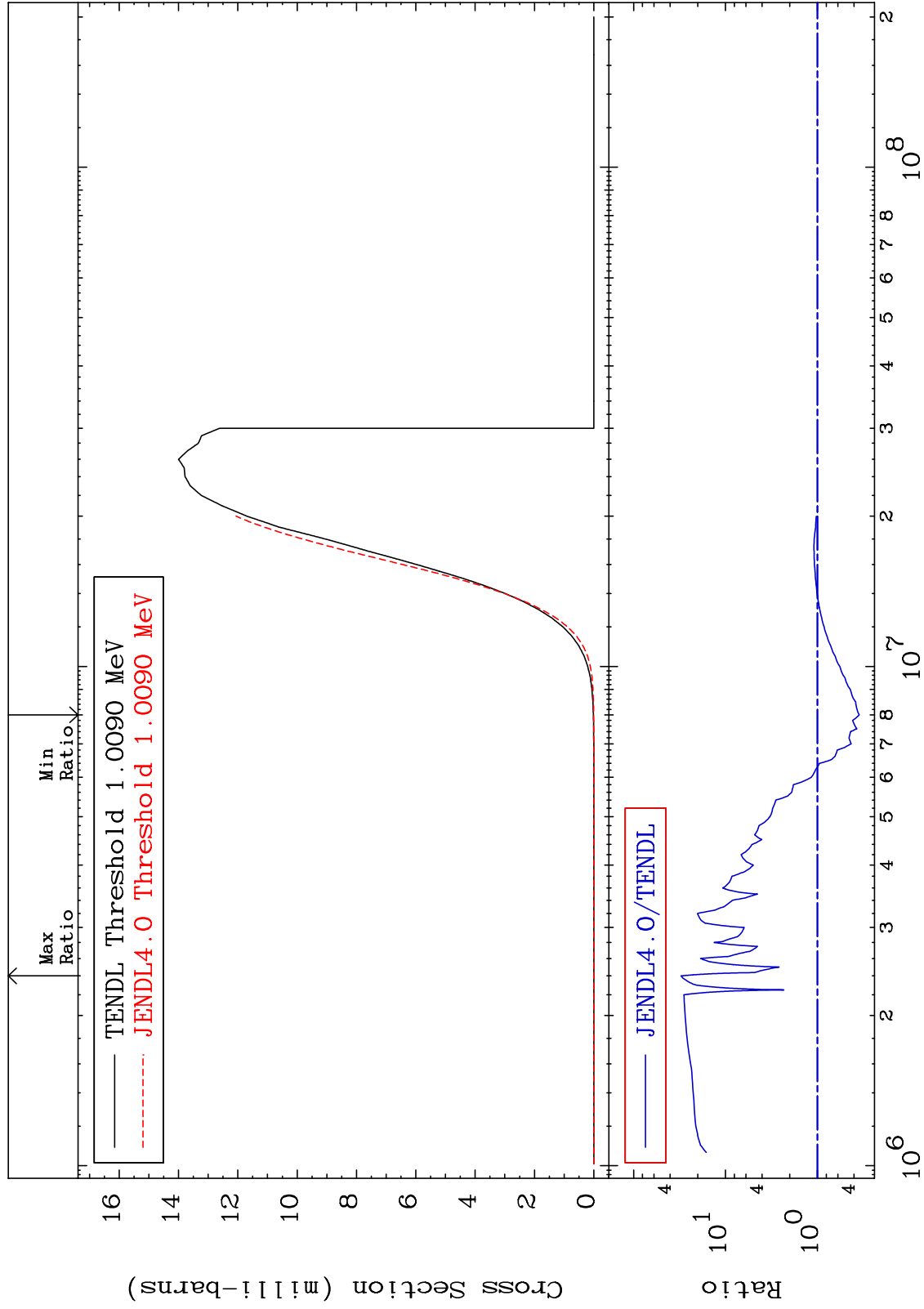
MAT 6646

(n, p)

66-Dy-163

Cross Section

-64.91 To 2948. %



66-Dy-163

43

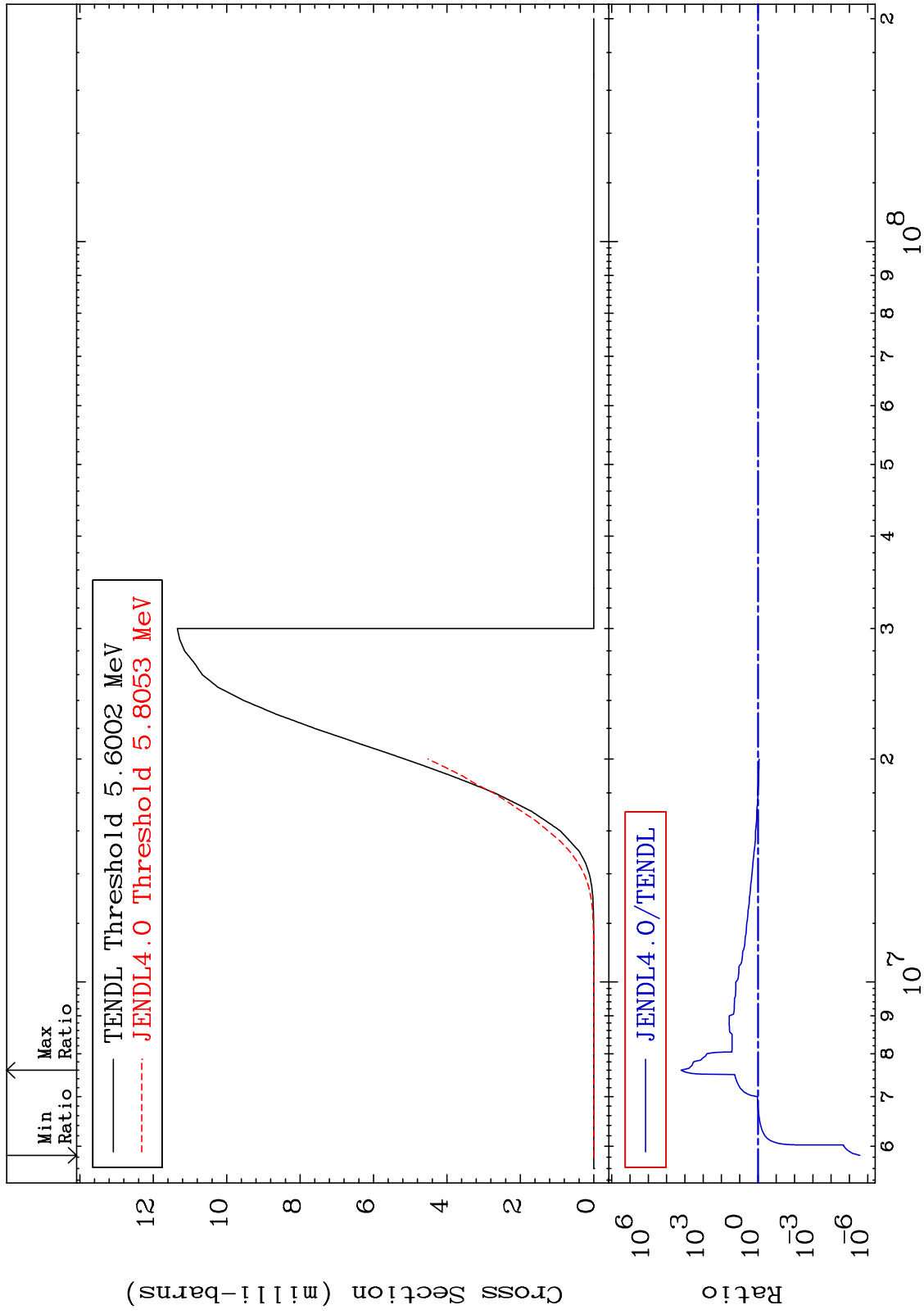
MAT 6646

(n, d)

66-Dy-163

Cross Section

-100.0 To 9999. %



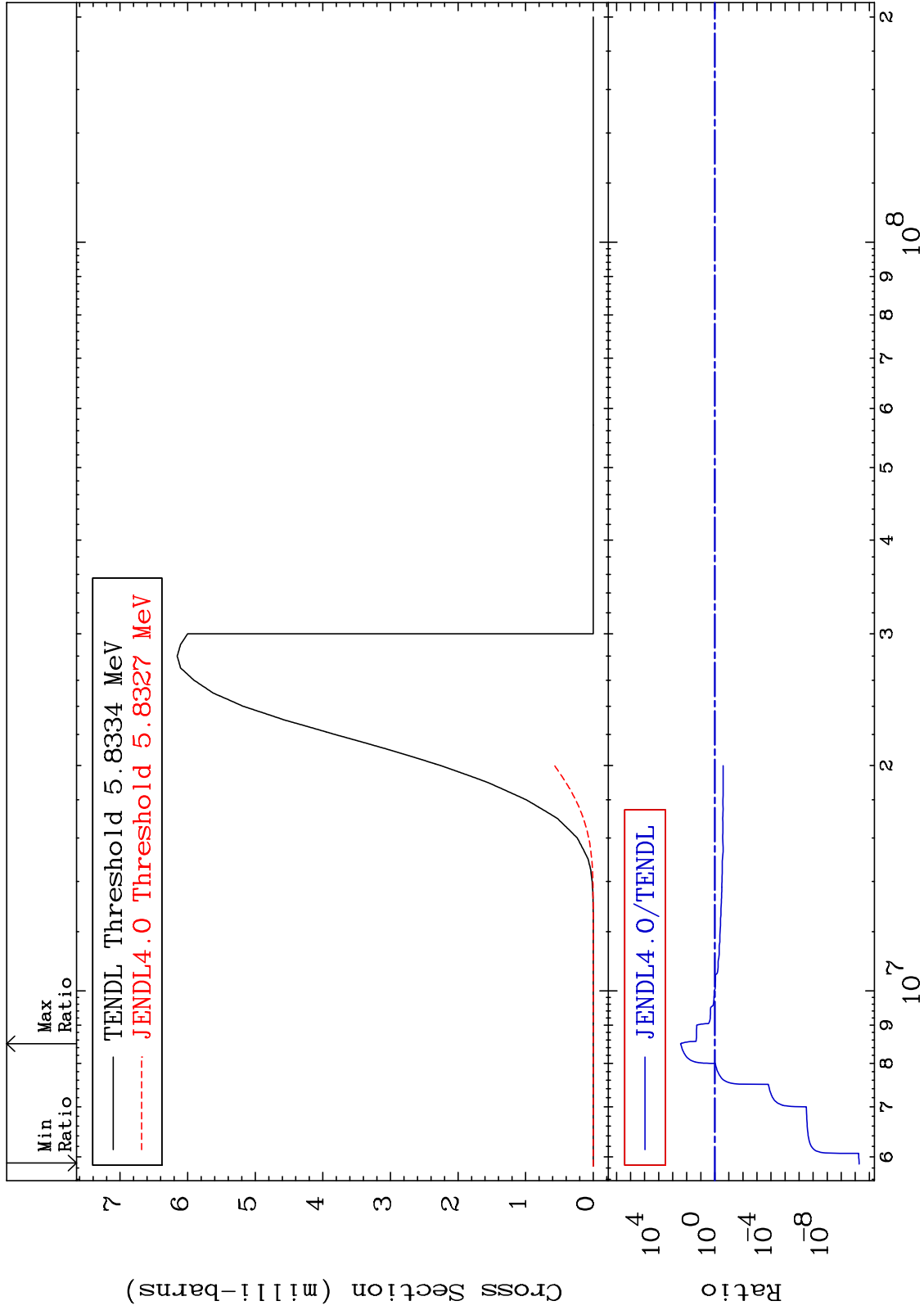
MAT 6646

(n, t)

66-Dy-163

Cross Section

-100.0 To 9999. %



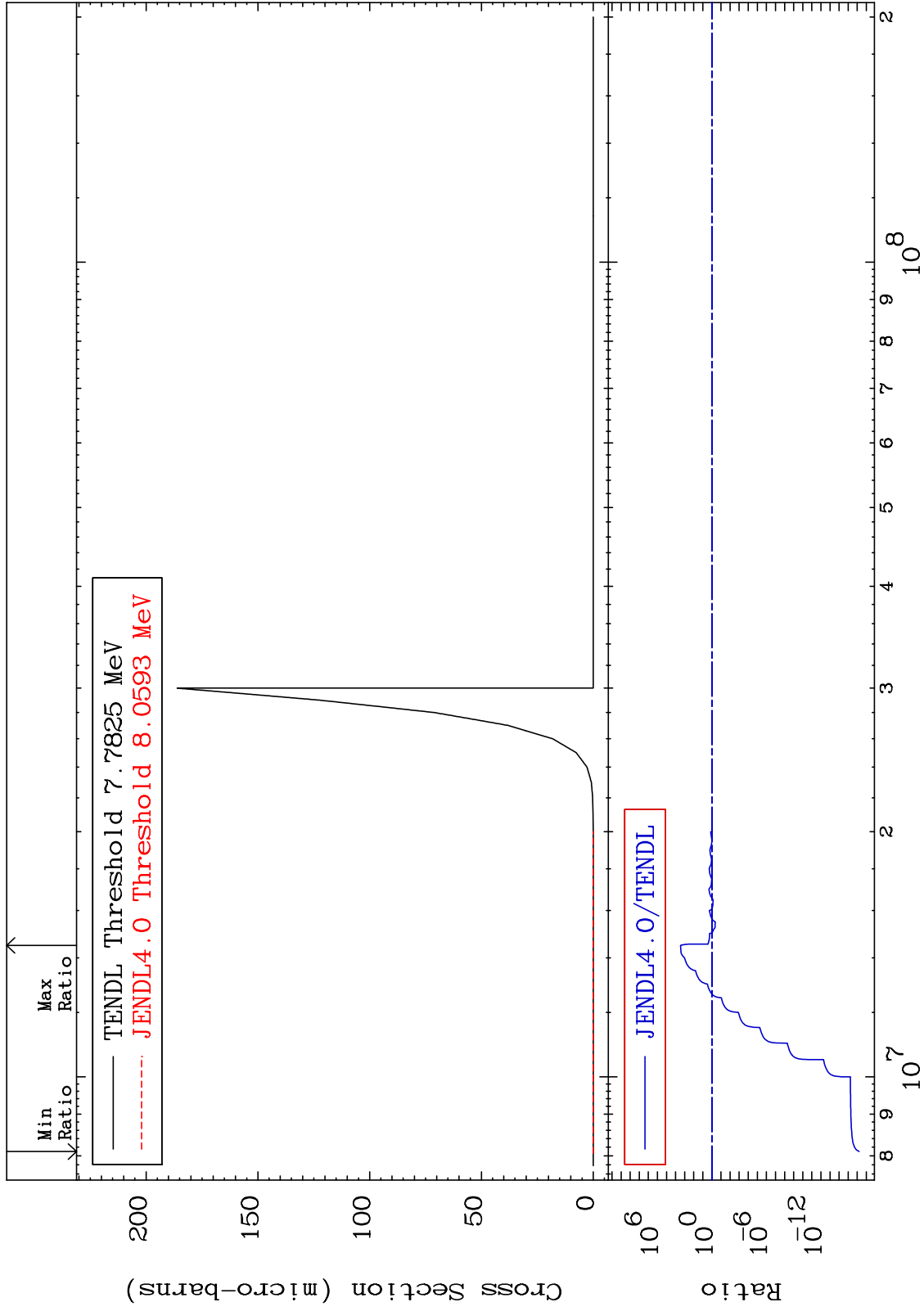
MAT 6646

(n, He-3)

66-Dy-163

Cross Section

-100.0 To 9999. %



46

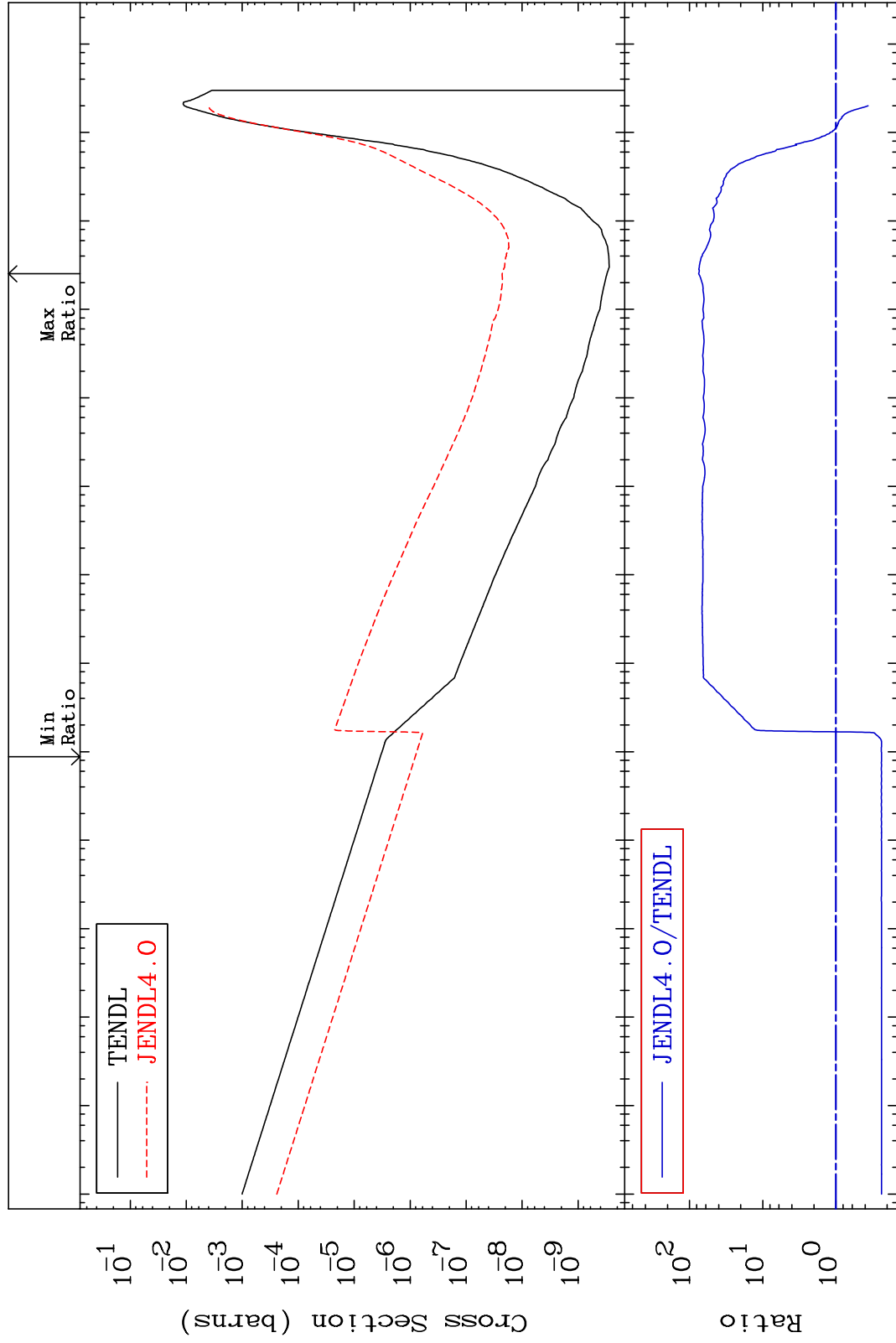
Incident Energy (eV)

66-Dy-163

MAT 6646

(n, α)
Cross Section

66-Dy-163
-76.15 To 7396. %



47

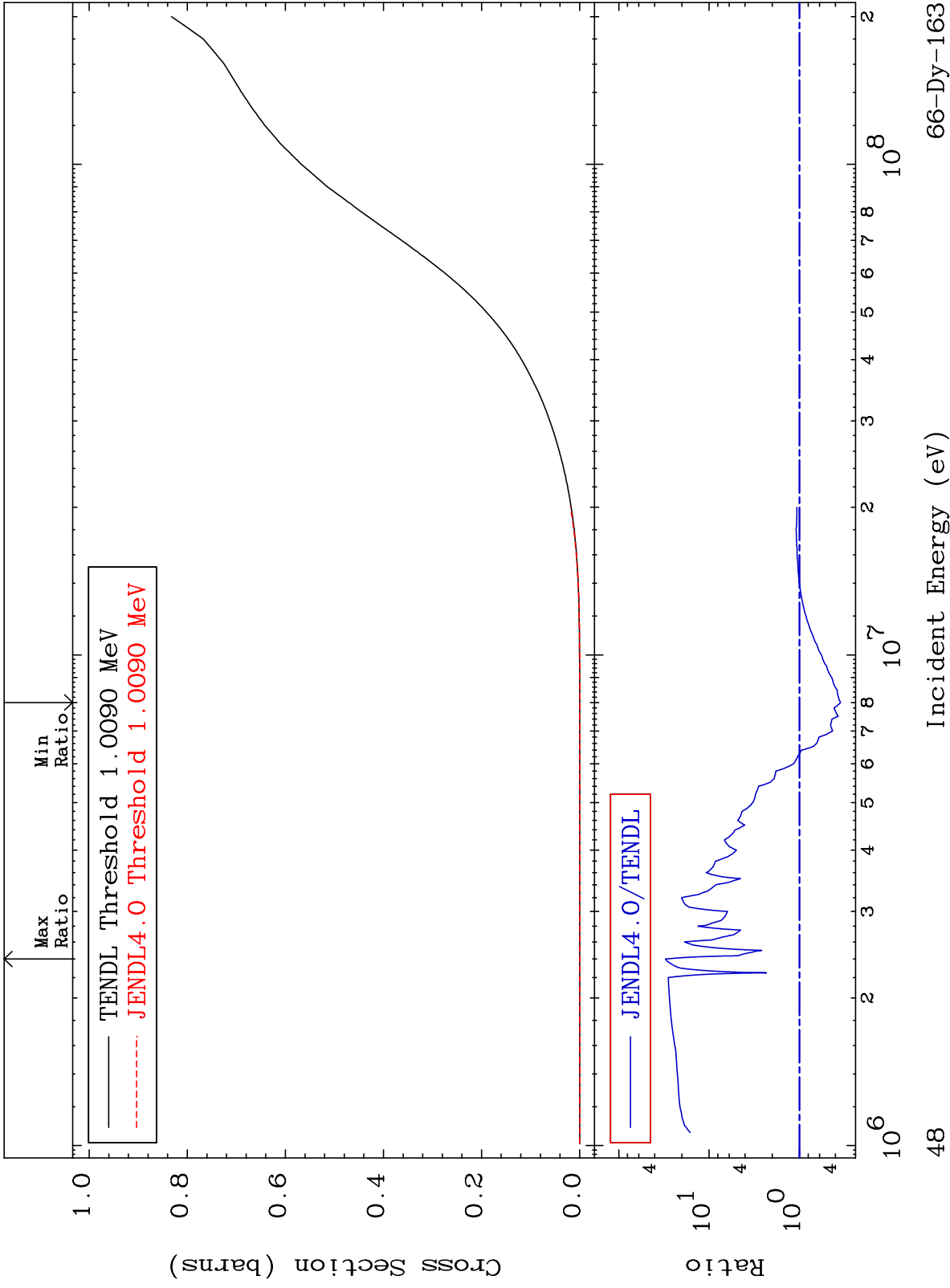
Incident Energy (eV)

66-Dy-163

MAT 6646

Hydrogen Production Cross Section

66-Dy-163
-64.91 To 2948. %



Incident Energy (eV)

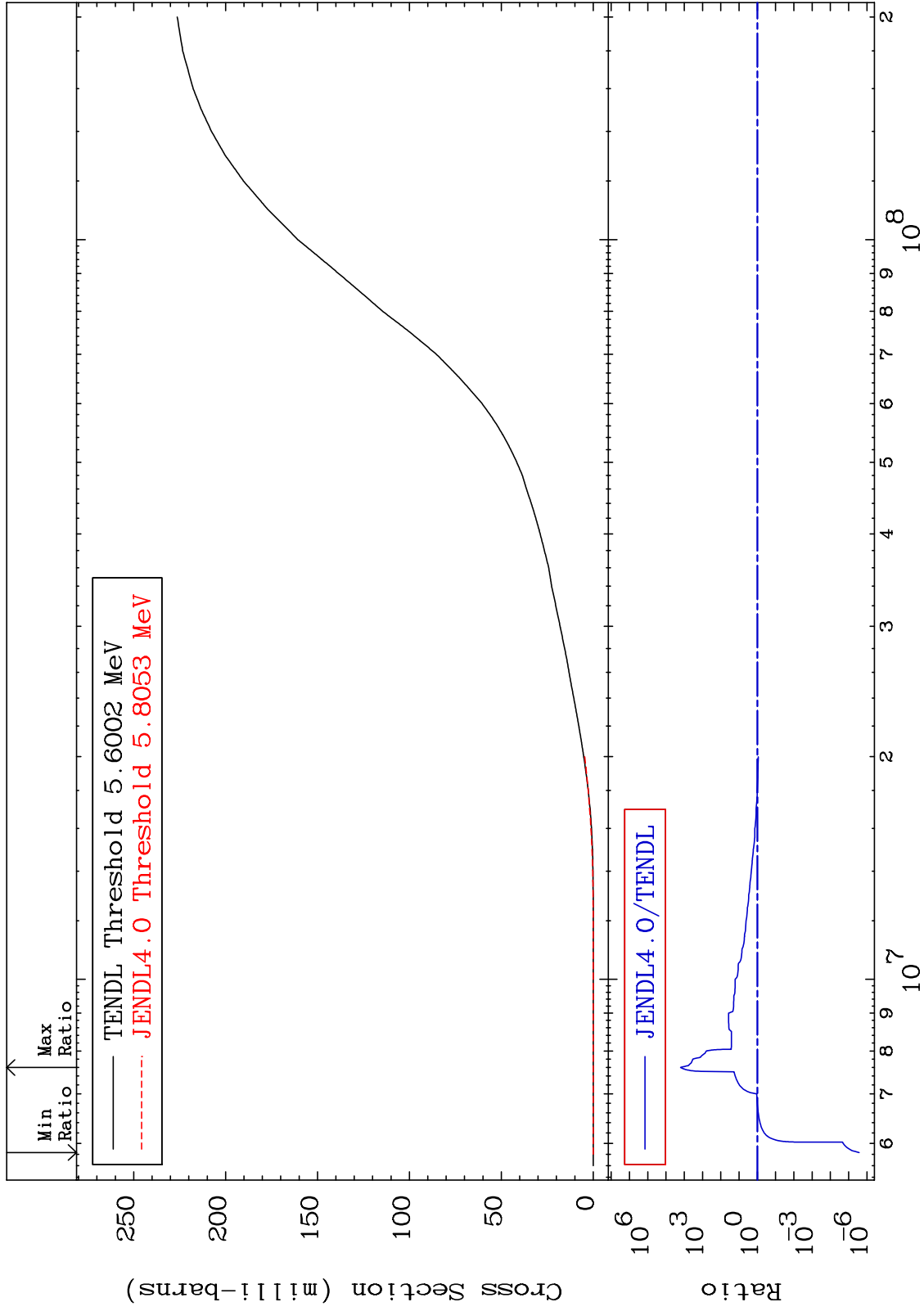
66-Dy-163

48

MAT 6646

Deuterium Production
Cross Section

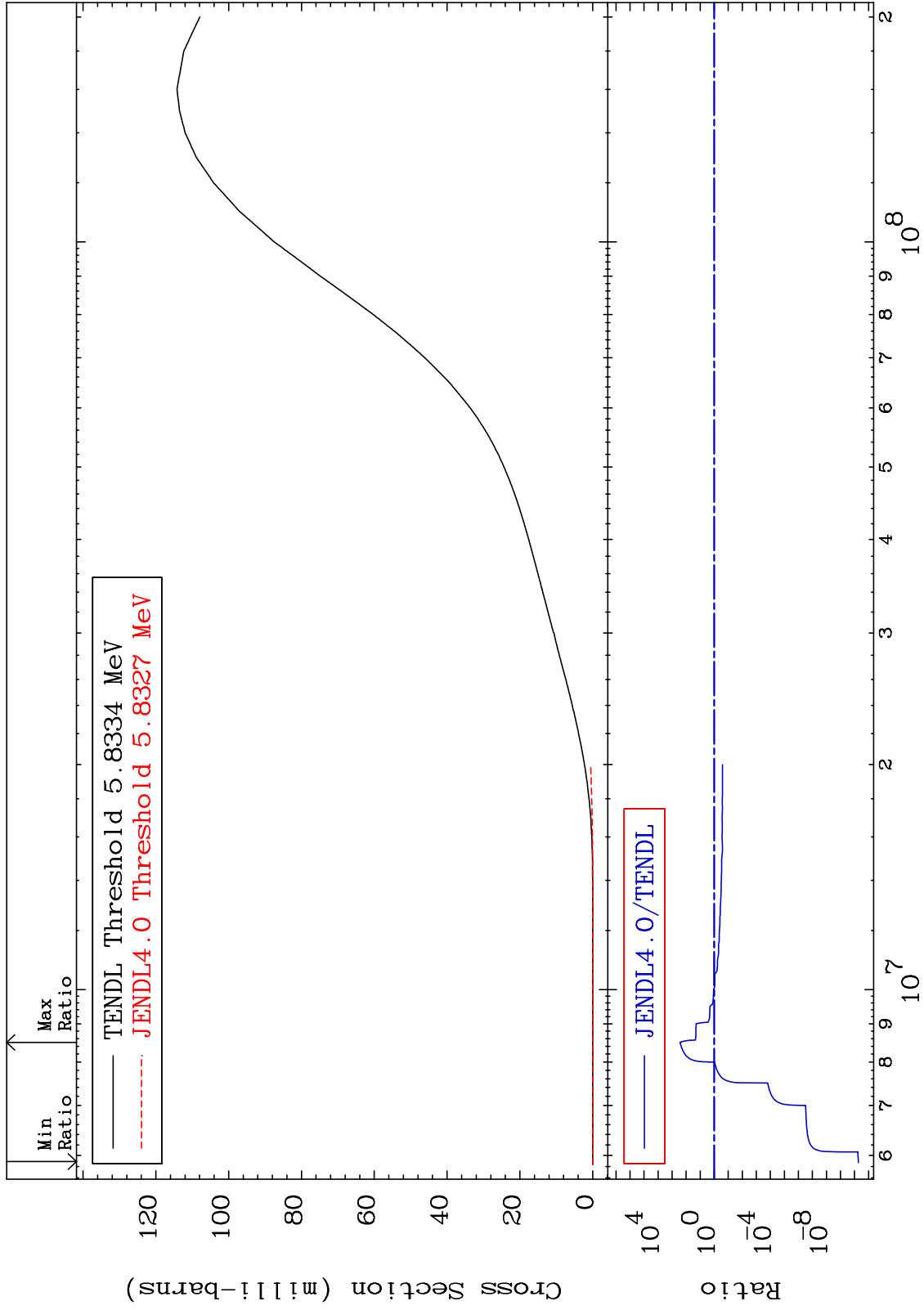
66-Dy-163
-100.0 To 9999. %



MAT 6646

Tritium Production
Cross Section

66-Dy-163
-100.0 To 9999. %



50

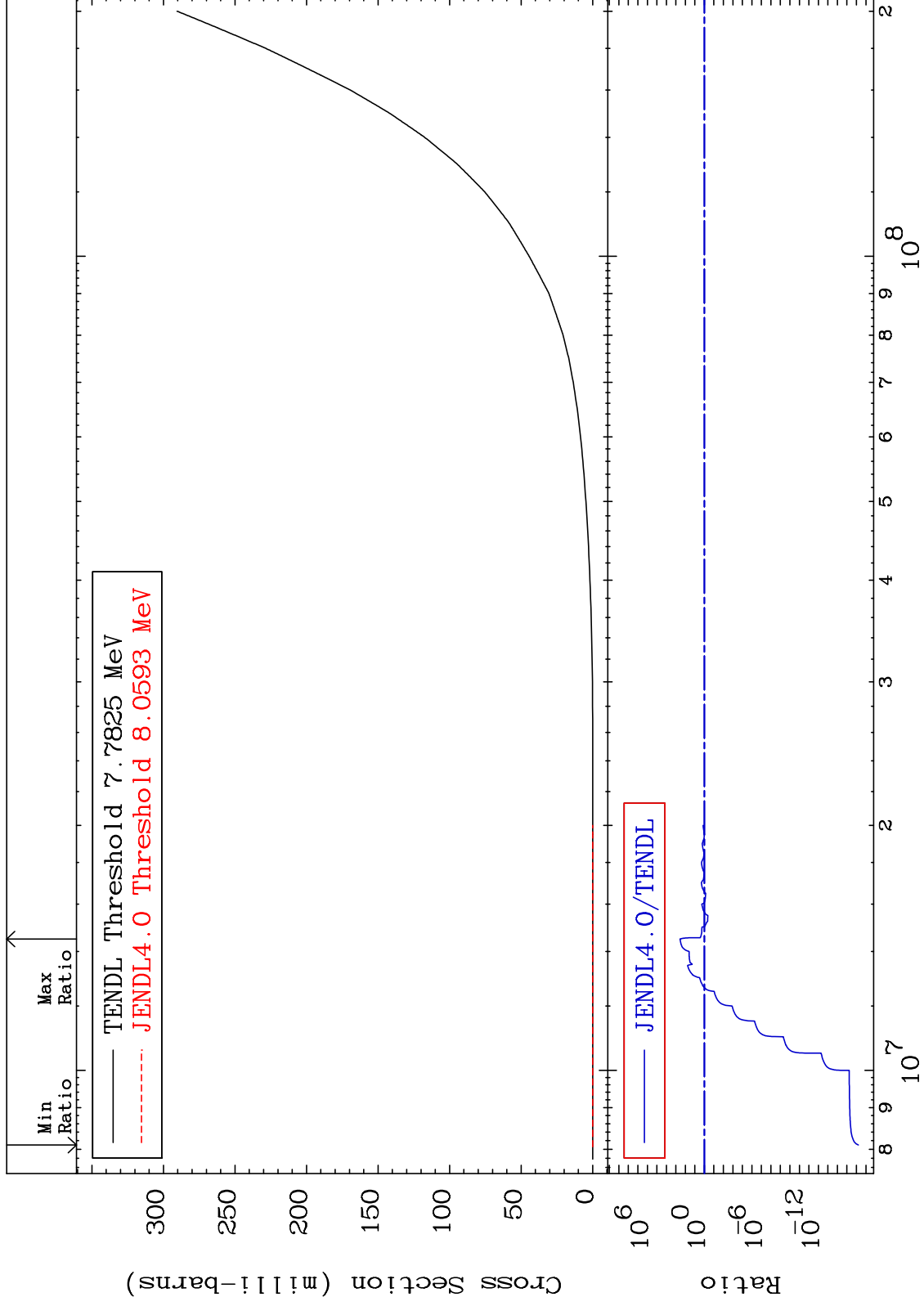
Incident Energy (eV)

66-Dy-163

MAT 6646

He-3 Production
Cross Section

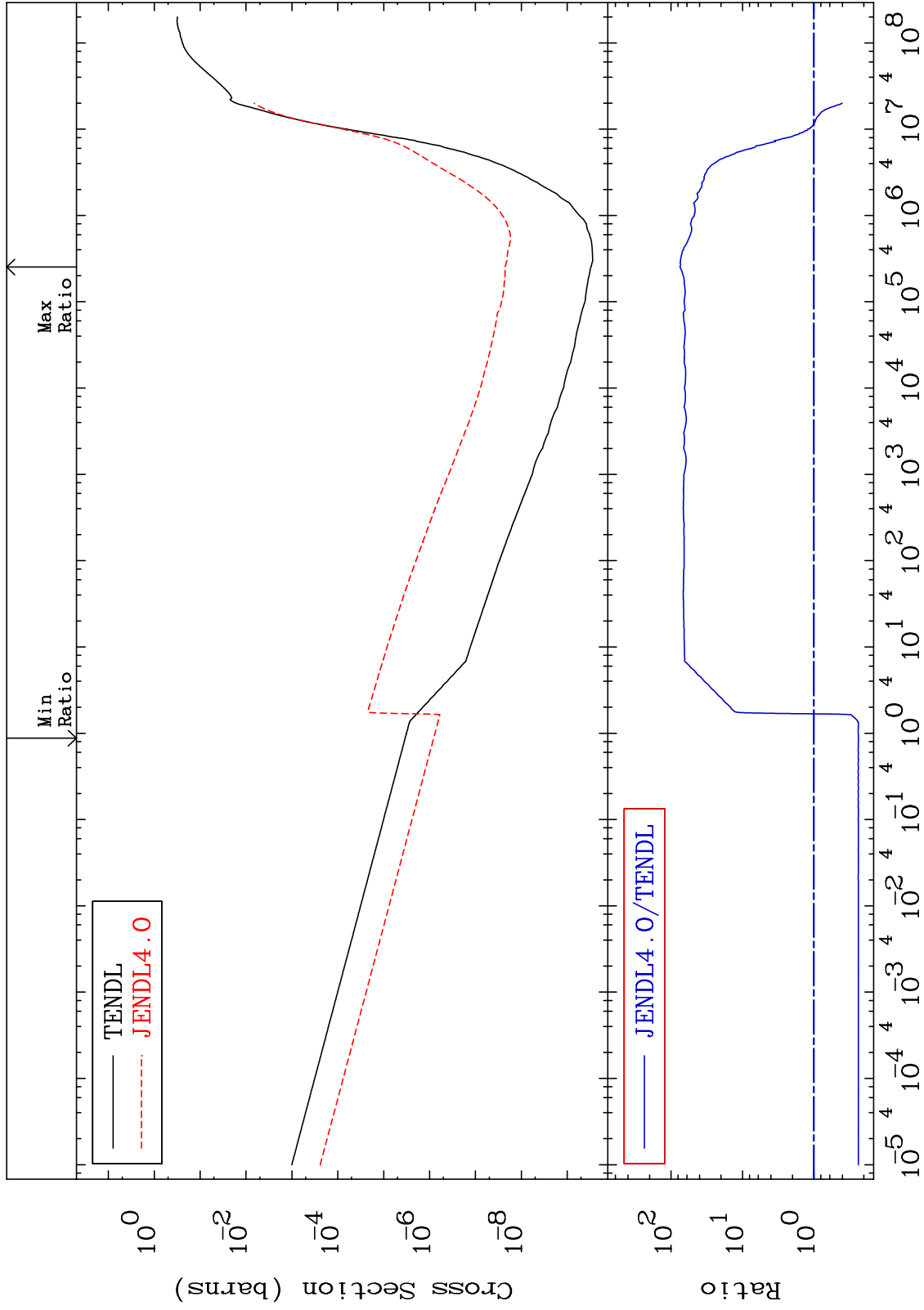
66-Dy-163
-100.0 To 9999. %



MAT 6646

He-4 Production
Cross Section

66-Dy-163
-76.15 To 7396. %



52

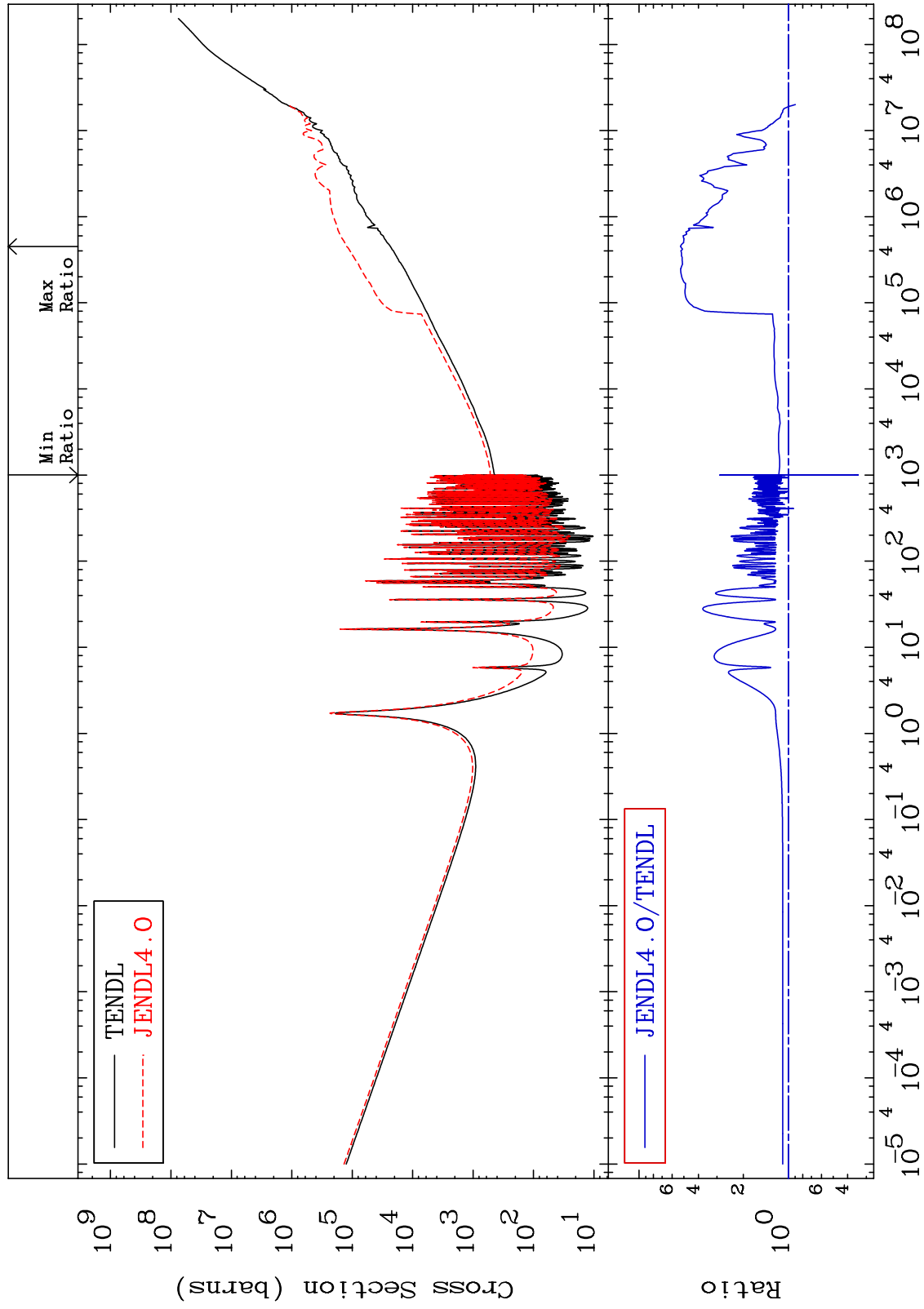
Incident Energy (eV)

66-Dy-163

MAT 6646

Kerma total (eV-barns)
Cross Section

66-Dy-163
-66.17 To 427.7 %



53

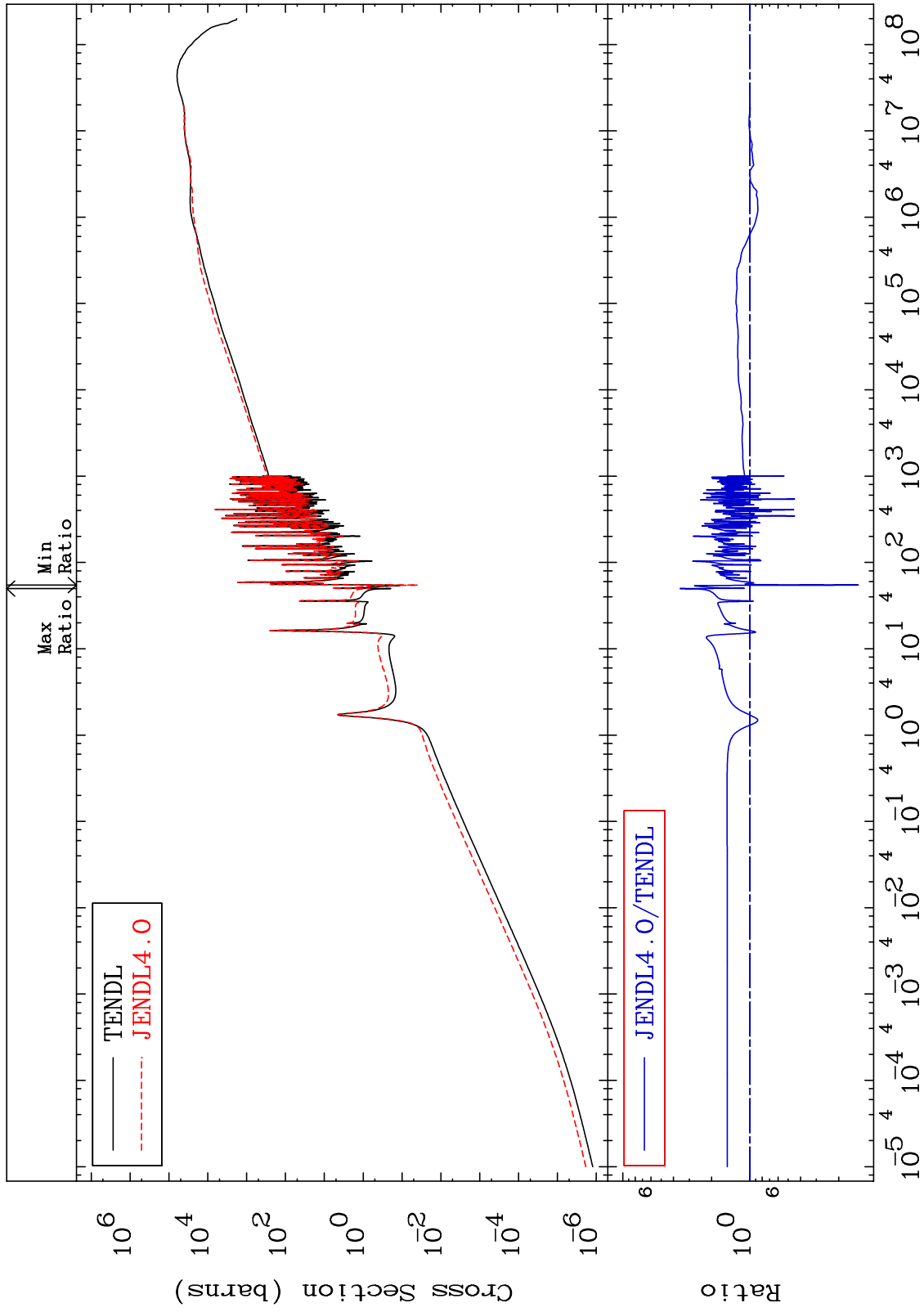
Incident Energy (eV)

66-Dy-163

MAT 6646

Kerma elastic
Cross Section

66-Dy-163
-85.99 To 254.9 %



54

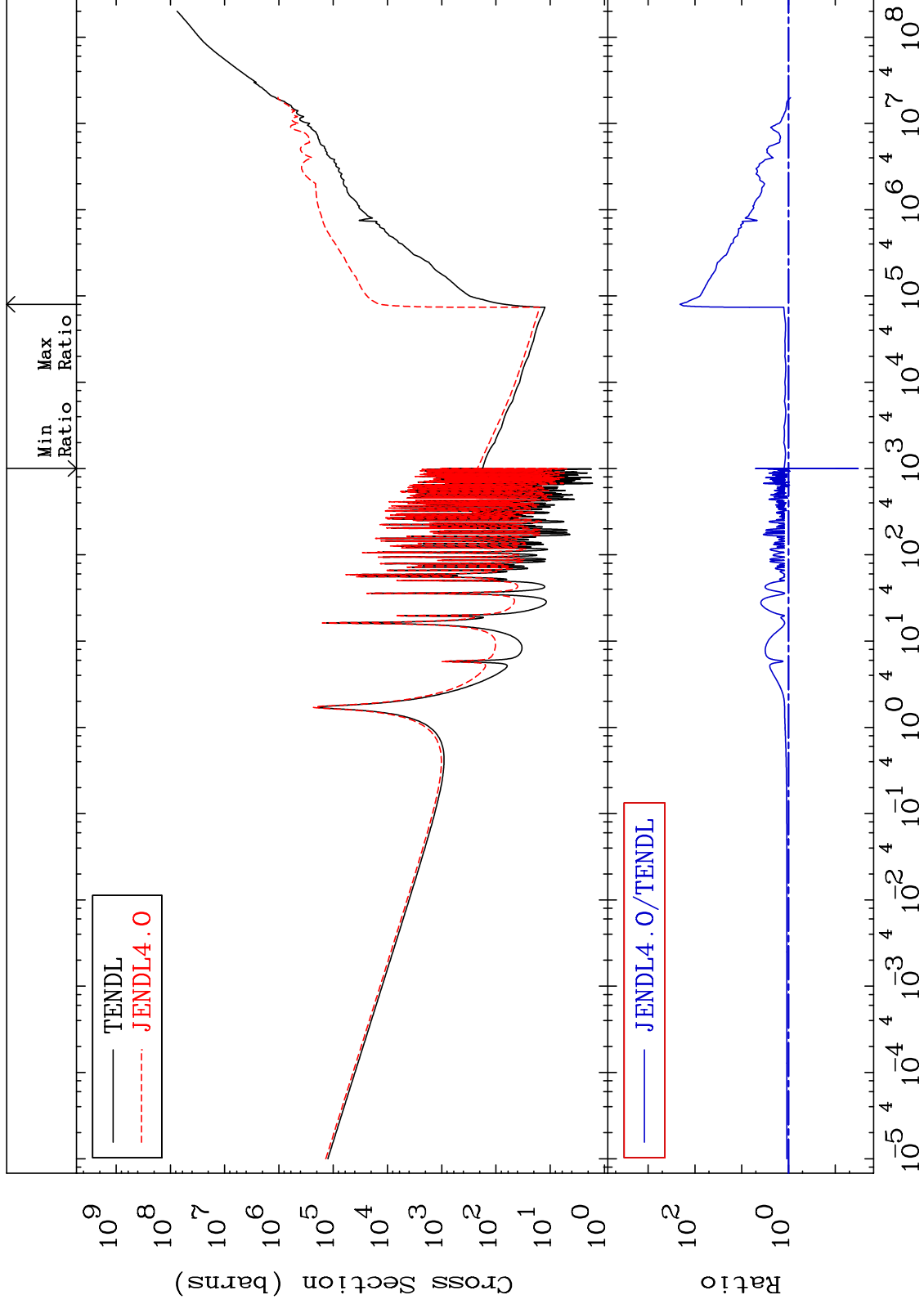
Incident Energy (eV)

66-Dy-163

MAT 6646

Kerma non-elastic (all but mt2)
Cross Section

66-Dy-163
-96.80 To 9999. %



55

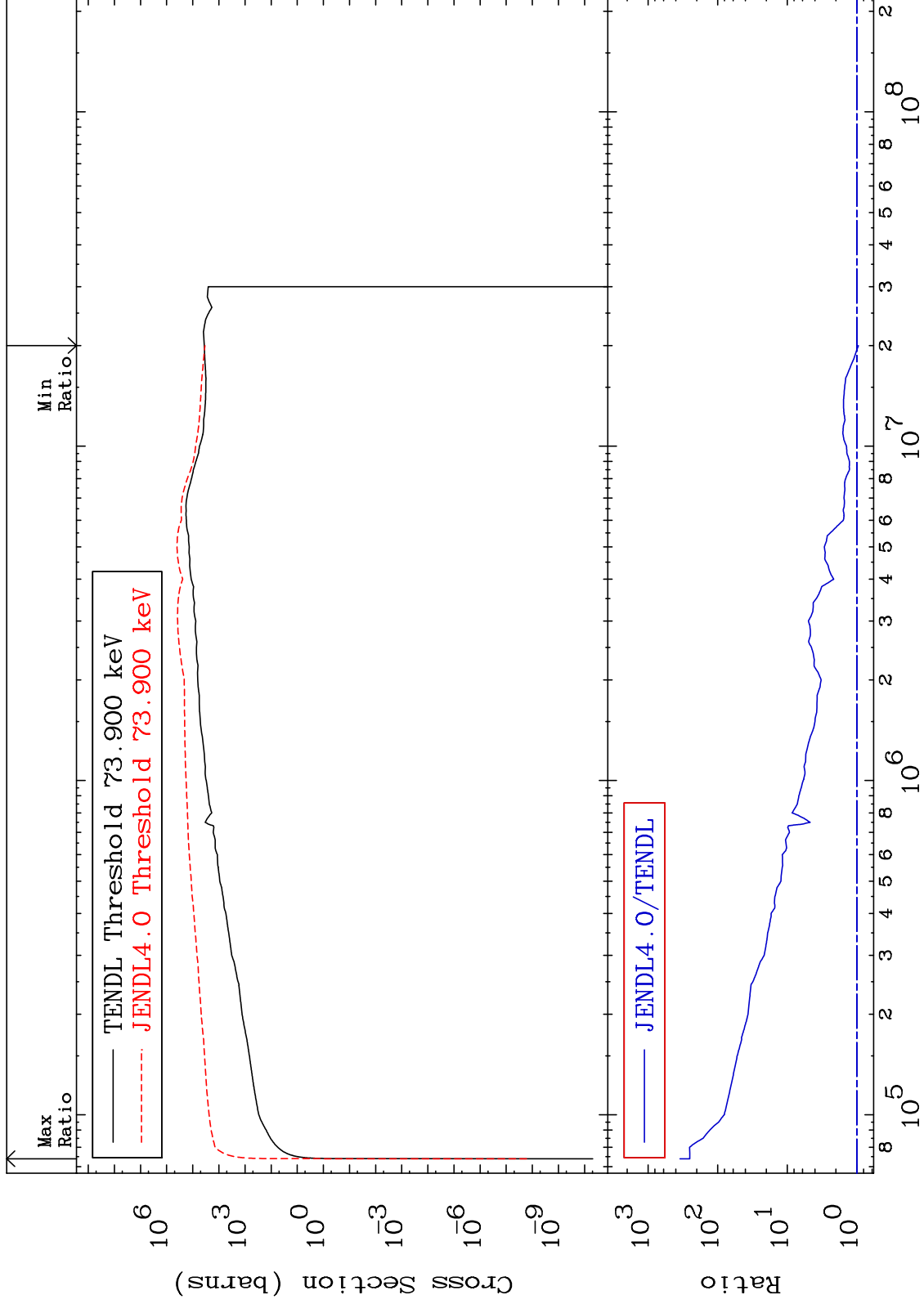
Incident Energy (eV)

66-Dy-163

MAT 6646

Kerma inelastic (mt51-91)
Cross Section

66-Dy-163
-5.299 To 9999. %



56

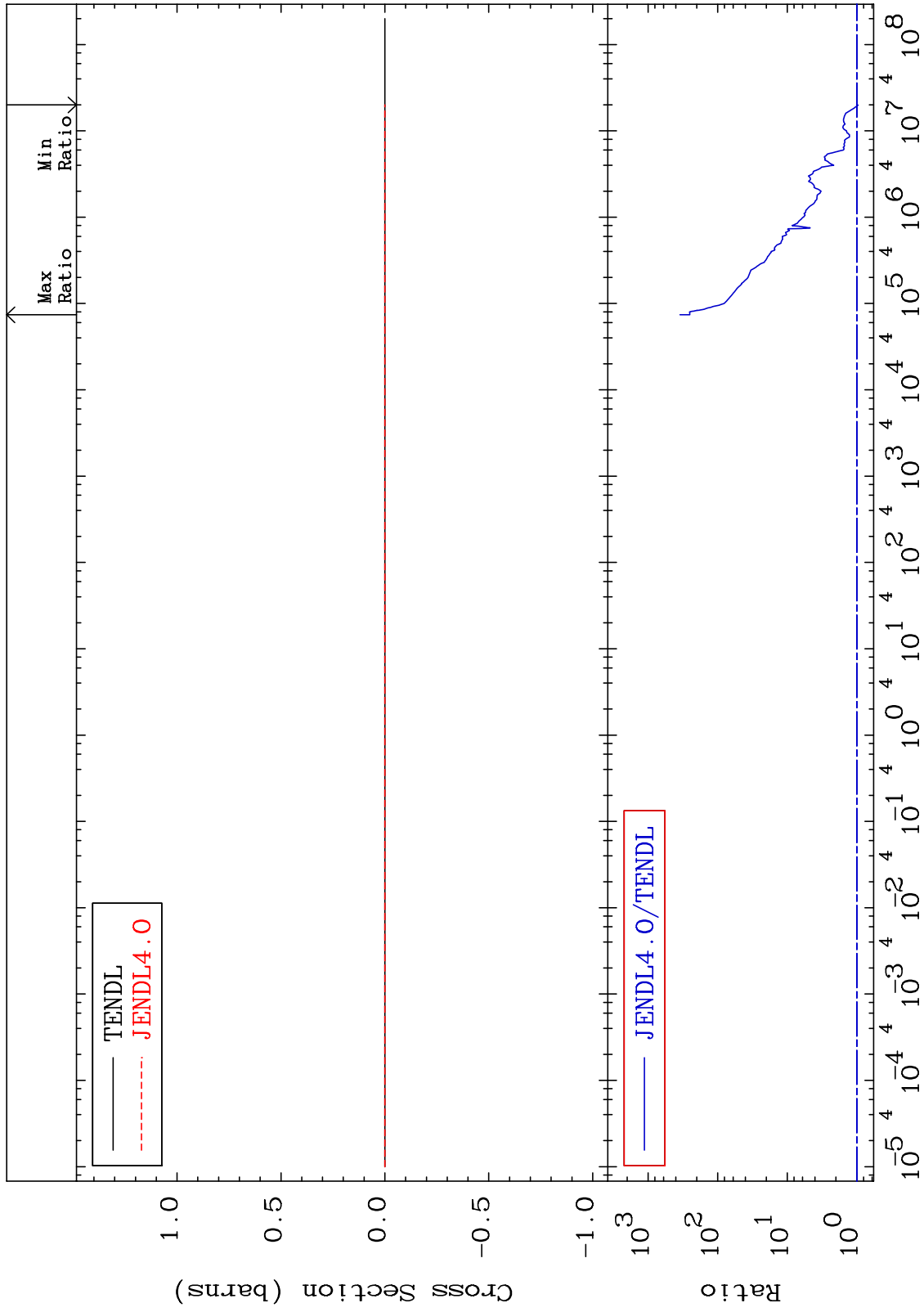
Incident Energy (eV)

66-Dy-163

MAT 6646

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

66-Dy-163
-5.299 To 9999. %



57

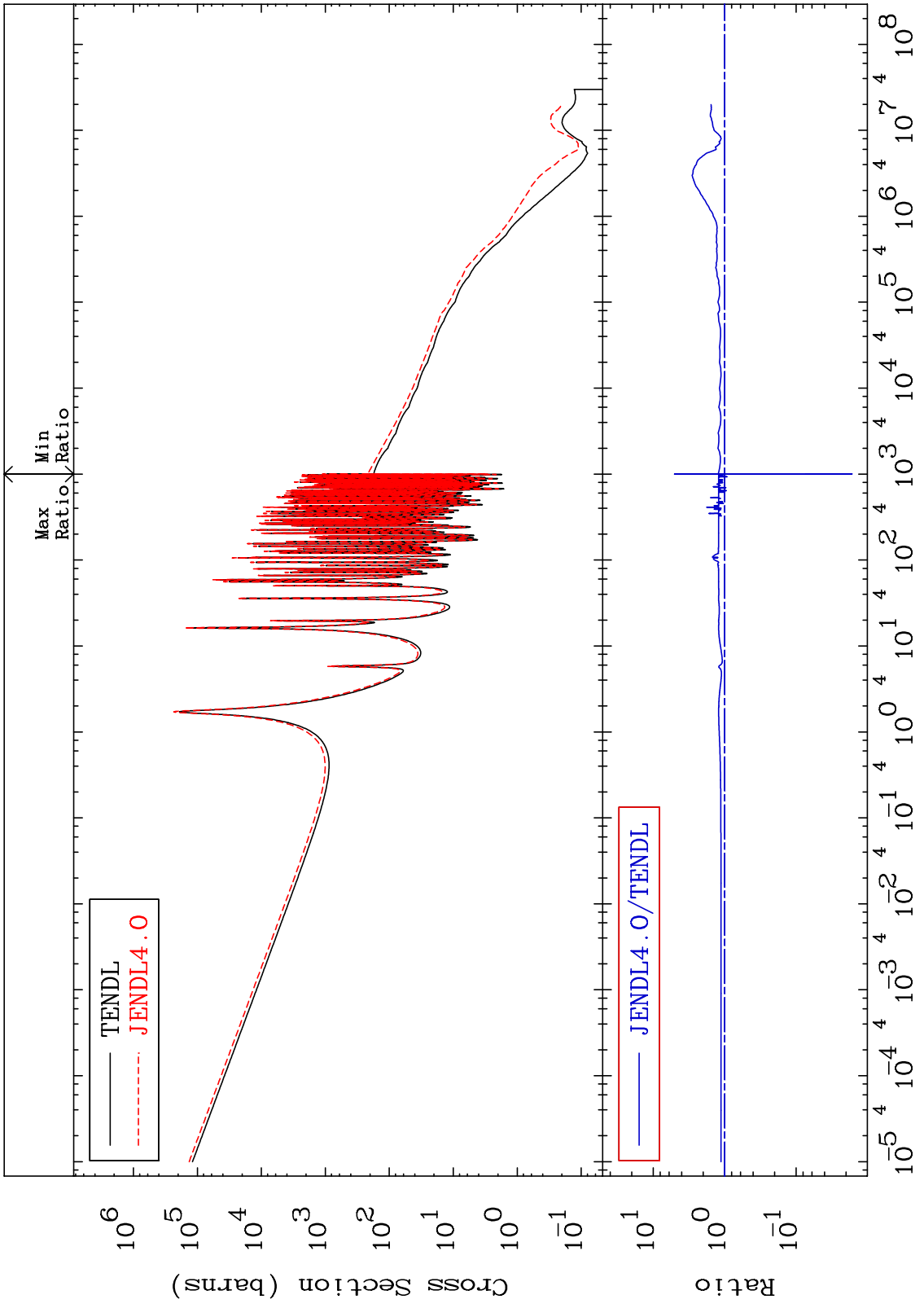
Incident Energy (eV)

66-Dy-163

MAT 6646

Kerma capture (mt102)
Cross Section

66-Dy-163
-98.36 To 403.7 %



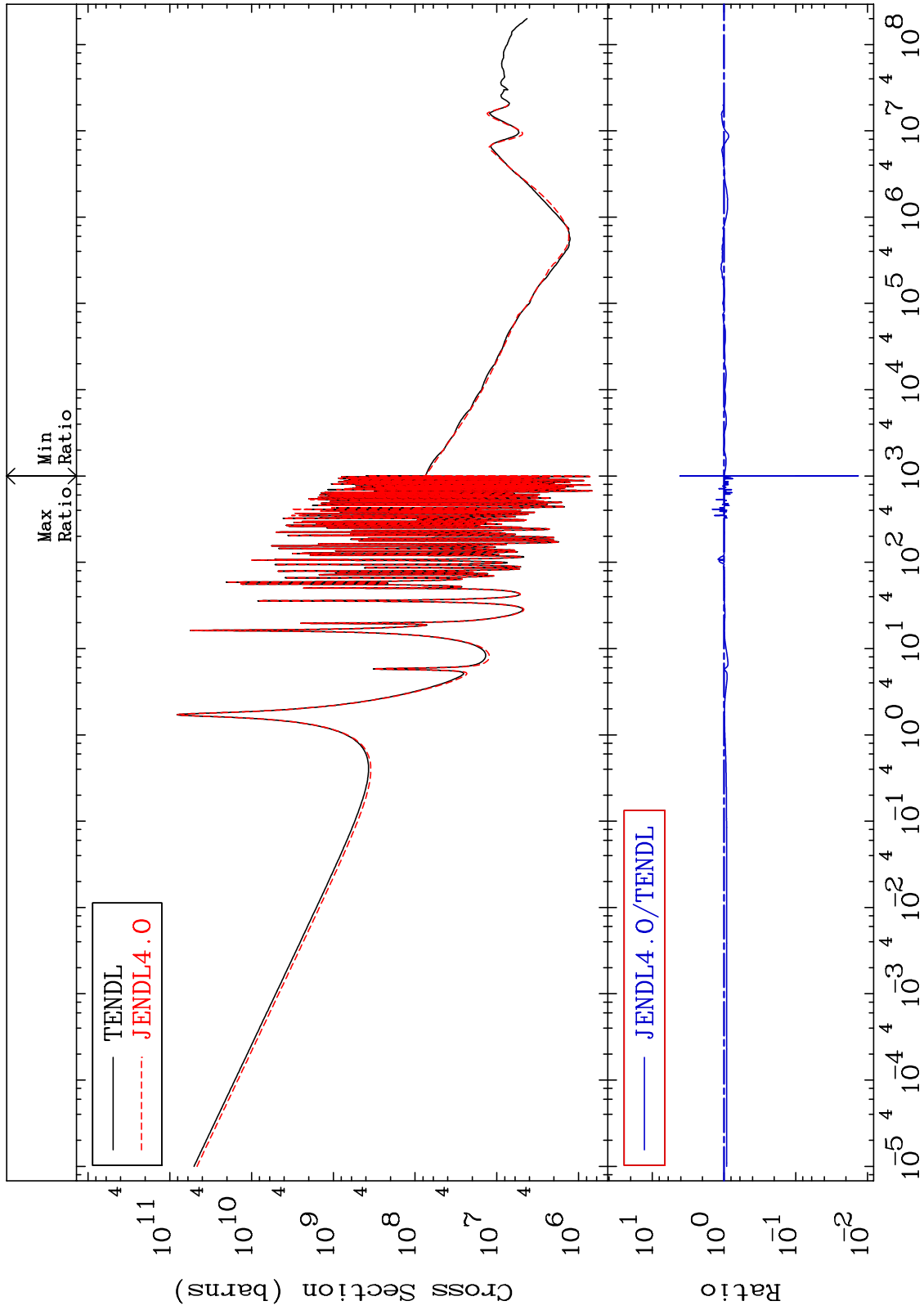
58

66-Dy-163

MAT 6646

Total photon (eV-barns)
Cross Section

66-Dy-163
-98.66 To 310.6 %



59

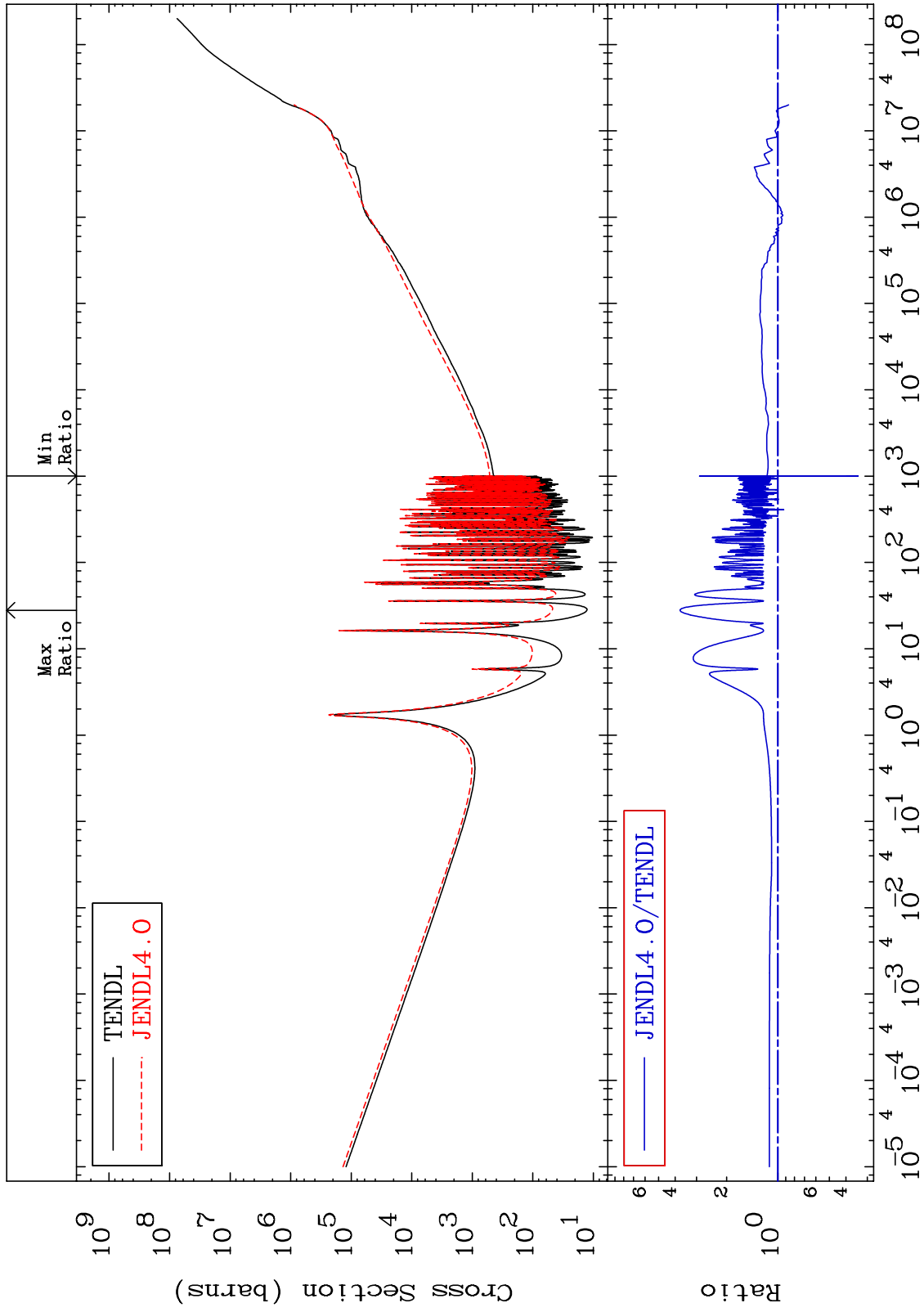
Incident Energy (eV)

66-Dy-163

MAT 6646

Total kinematic kerma (high limit)
Cross Section

66-Dy-163
-66.17 To 274.3 %



60

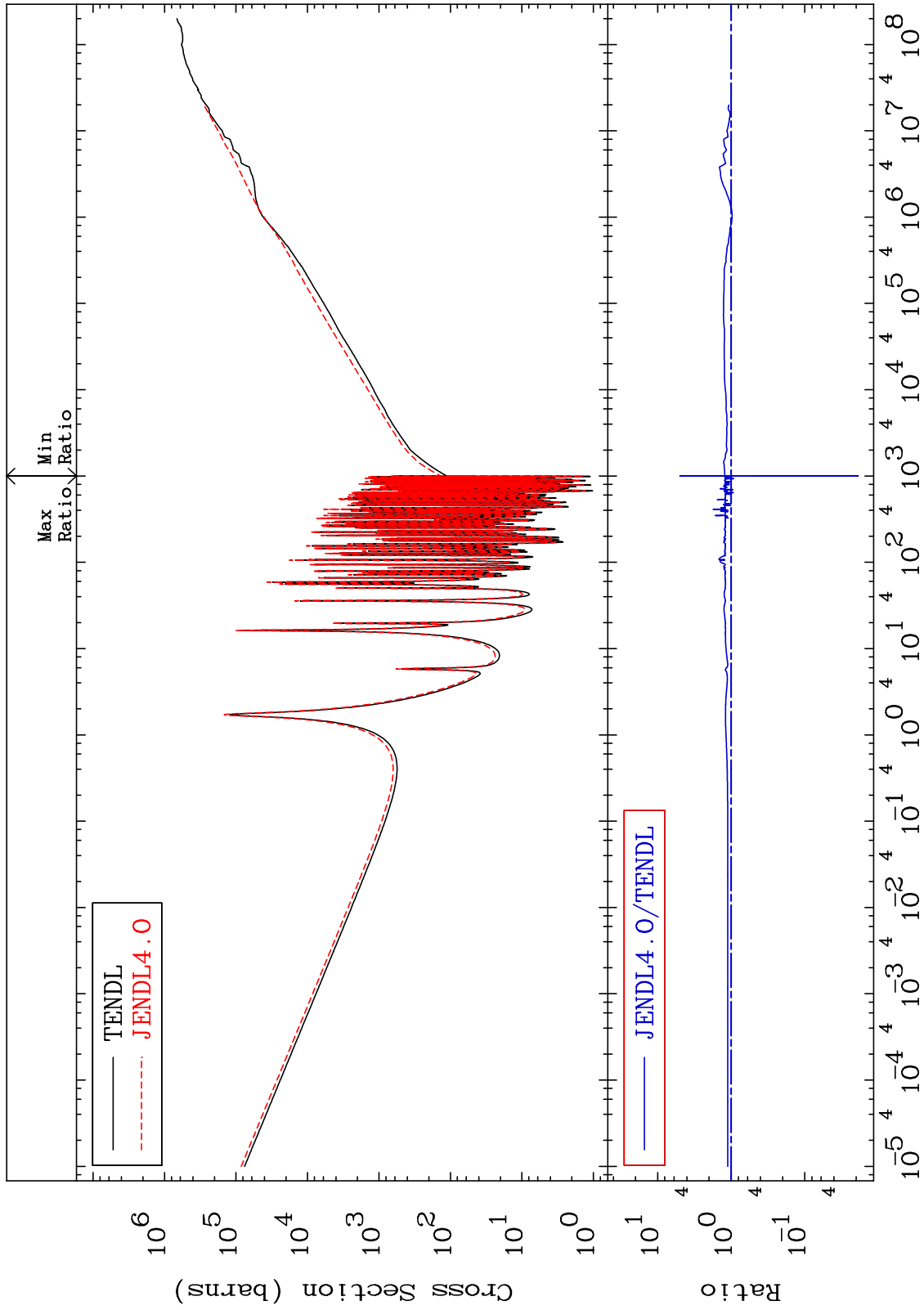
Incident Energy (eV)

66-Dy-163

MAT 6646

Dpa total (eV-barns)
Cross Section

66-Dy-163
-98.14 To 396.5 %



61

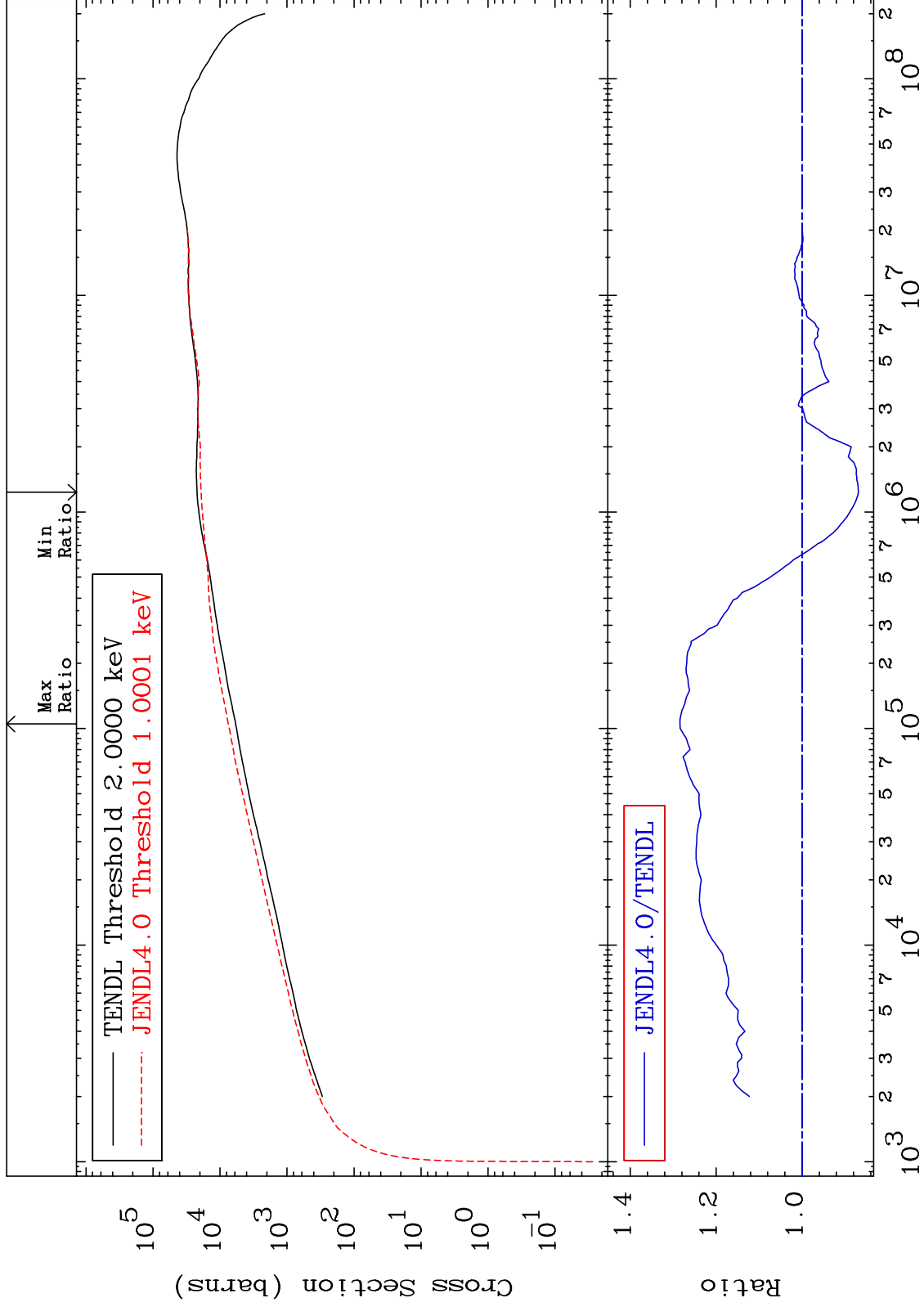
Incident Energy (eV)

66-Dy-163

MAT 6646

Dpa elastic (mt2)
Cross Section

66-Dy-163
-13.12 To 28.42 %



62

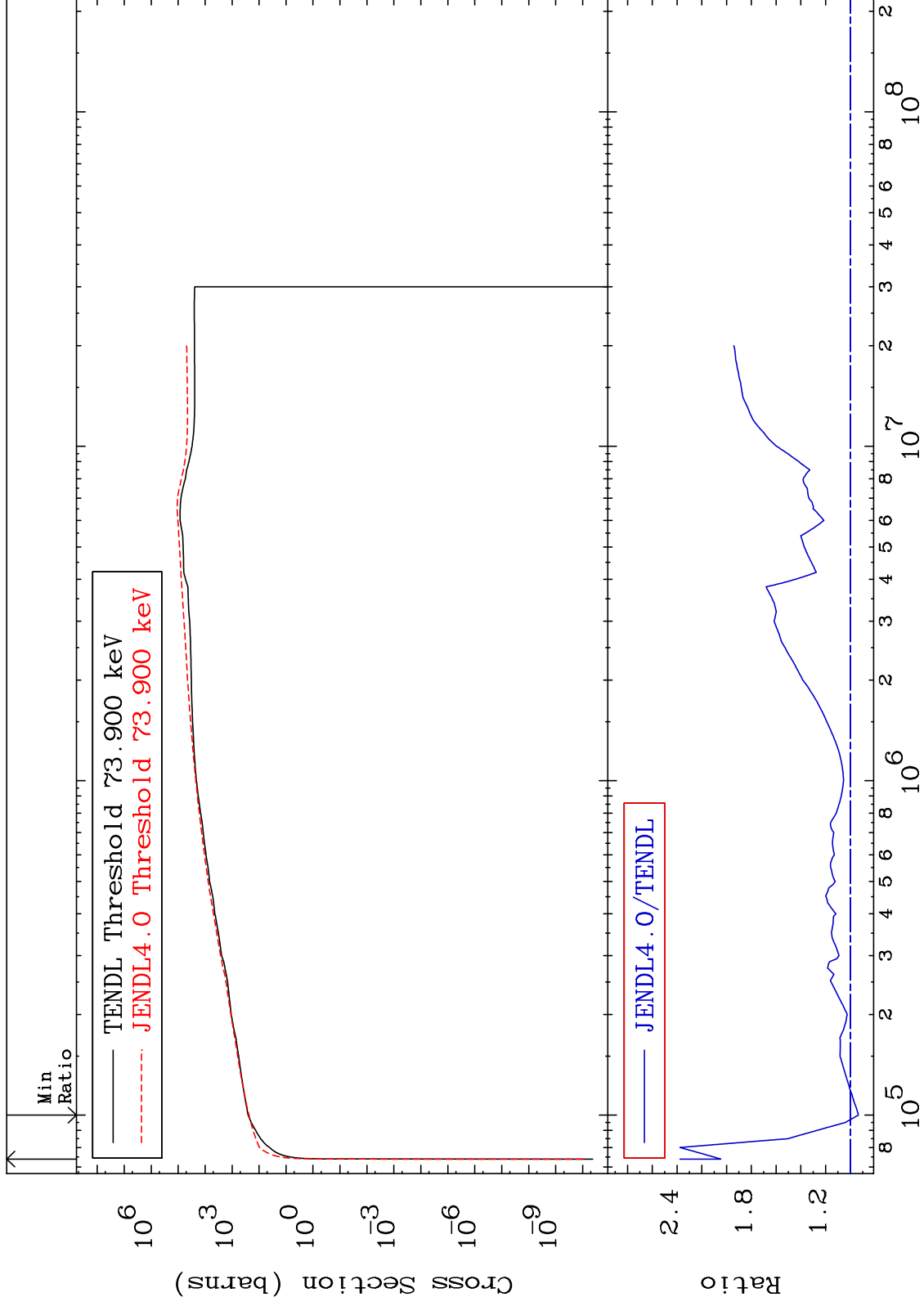
Incident Energy (eV)

66-Dy-163

MAT 6646

Dpa inelastic (mt51-91)
Cross Section

66-Dy-163
-6.517 To 137.6 %



63

Incident Energy (eV) 66-Dy-163

MAT 6646

Dpa disappearance (mt102 -120)
Cross Section

66-Dy-163
-98.34 To 481.3 %

