

Program Complot
(Version 2018-1)

by

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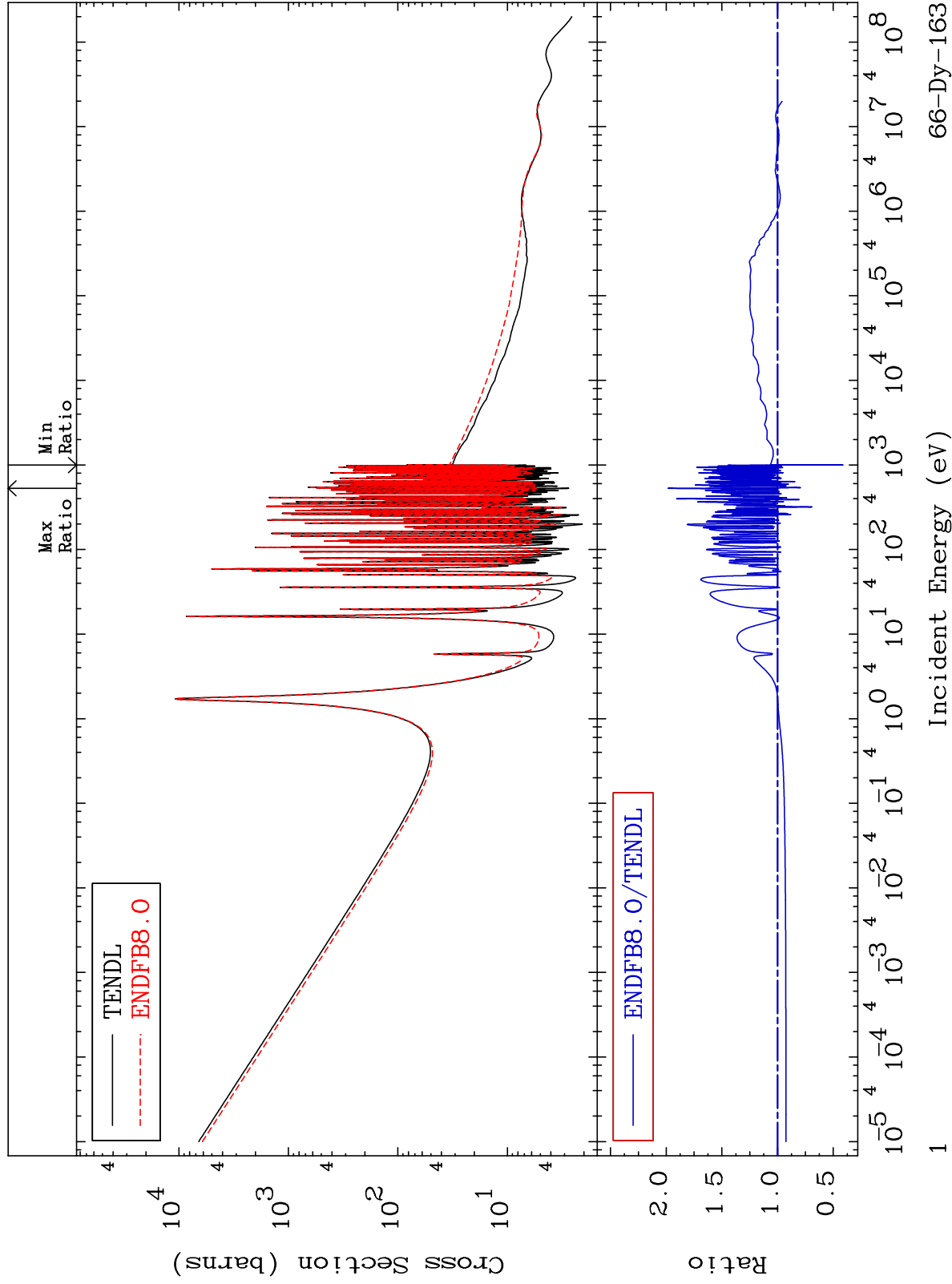
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6646

Total
Cross Section

66-Dy-163
-58.59 To 98.38 %



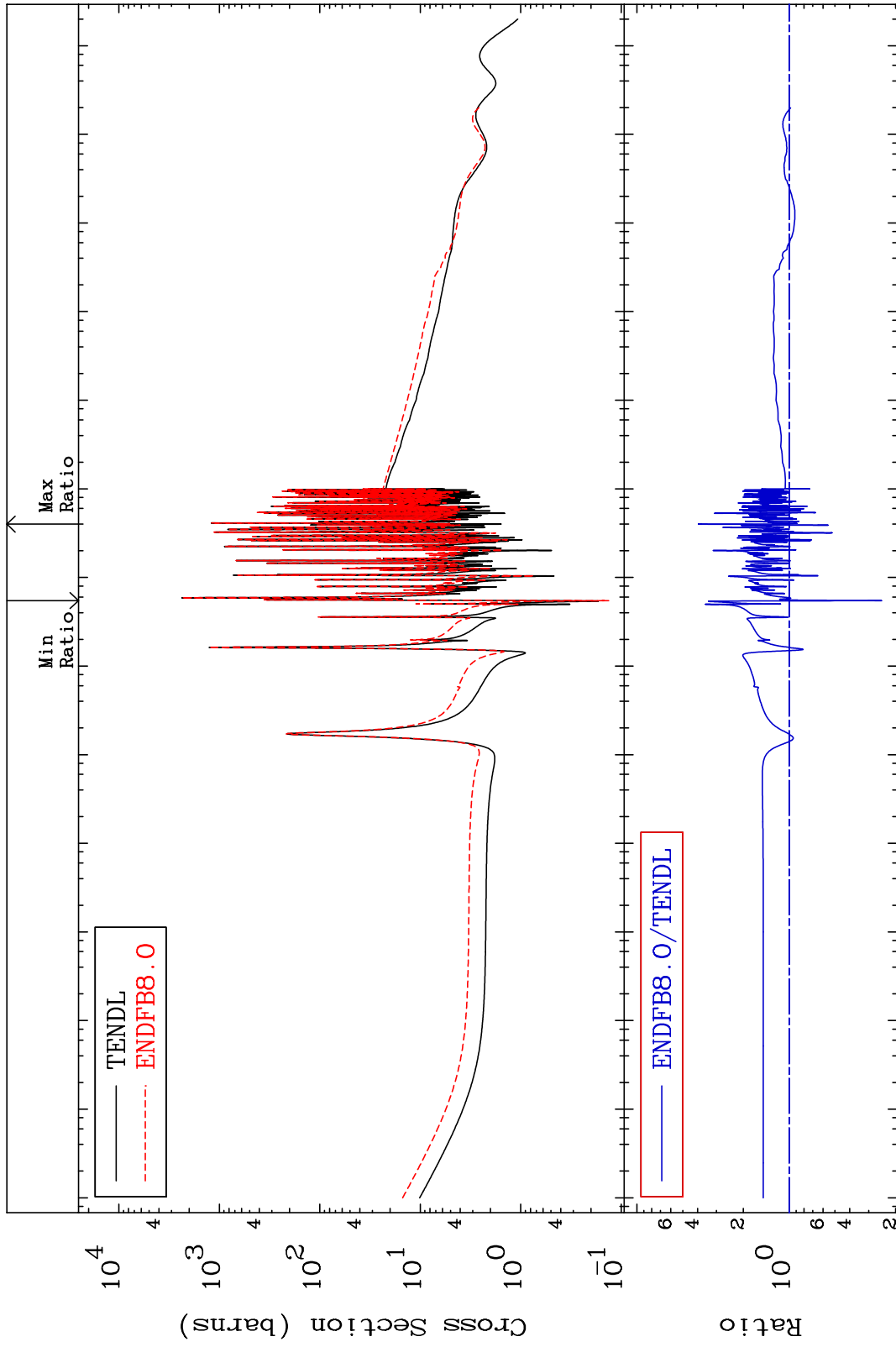
MAT 6646

Elastic

66-Dy-163

Cross Section

-75.27 To 294.9 %



Incident Energy (eV)

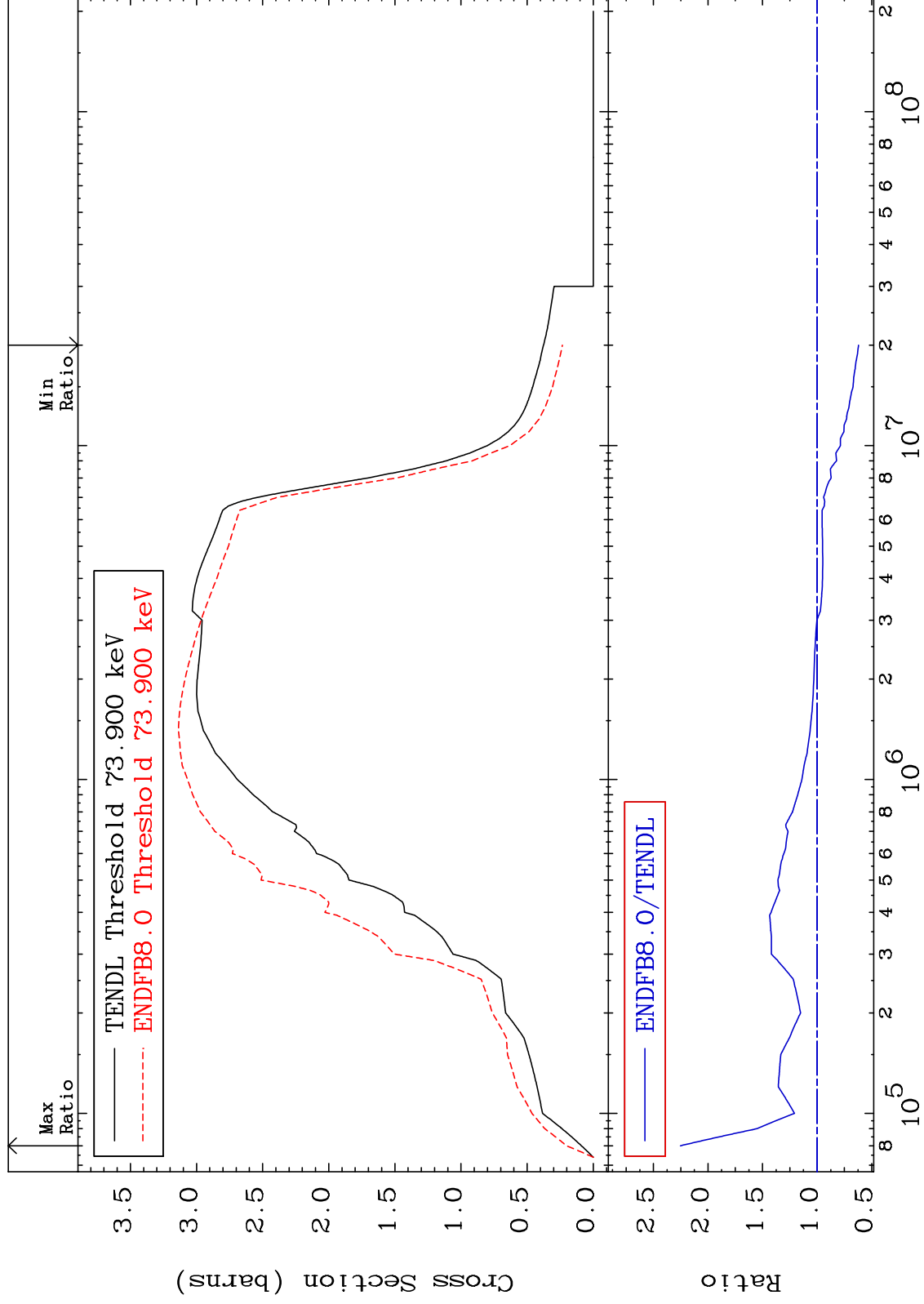
66-Dy-163

2

MAT 6646

Inelastic
Cross Section

66-Dy-163
-37.92 To 125.2 %



3

Incident Energy (eV)

66-Dy-163

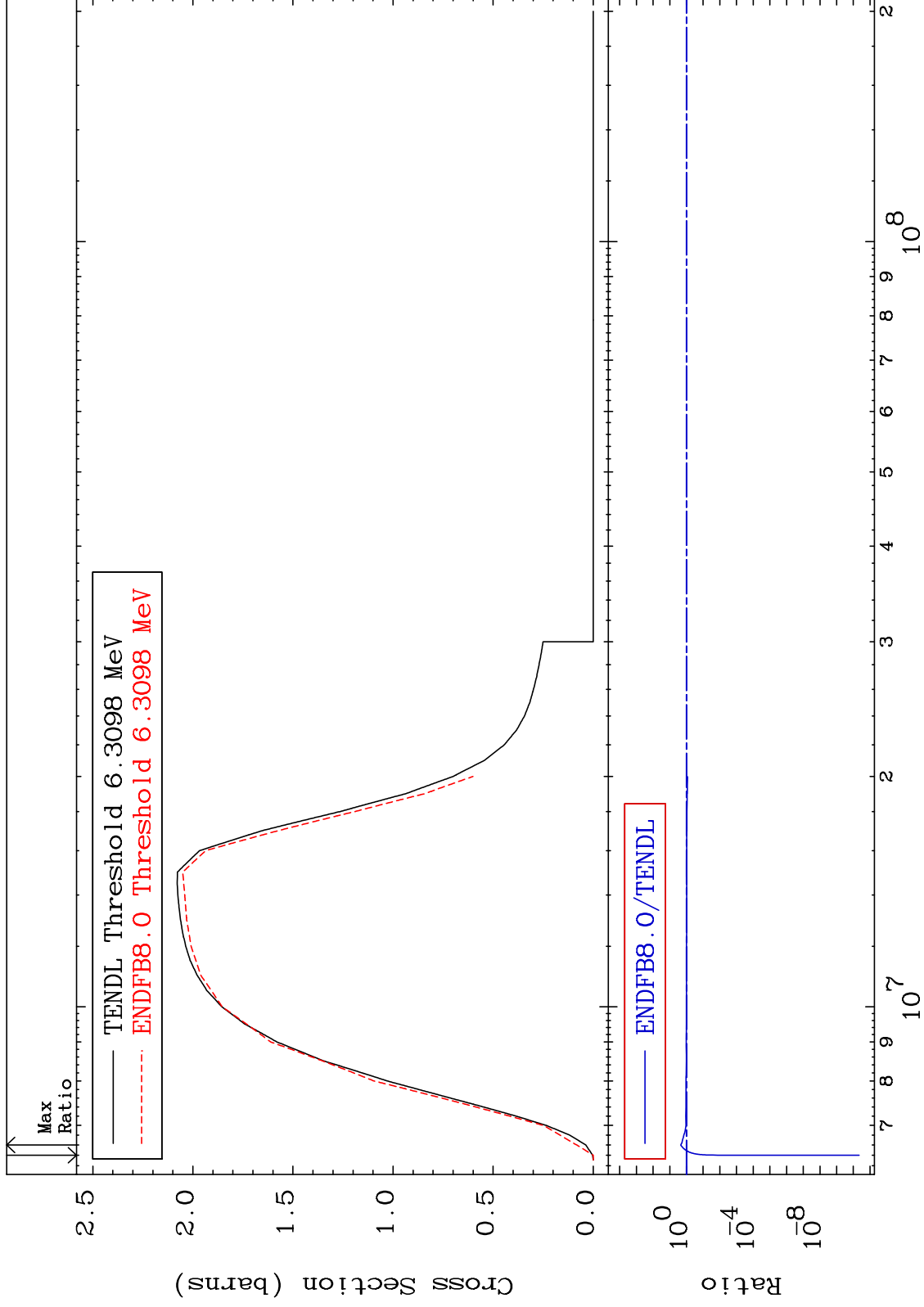
MAT 6646

(n,2n)

66-Dy-163

Cross Section

-100.0 To 123.4 %



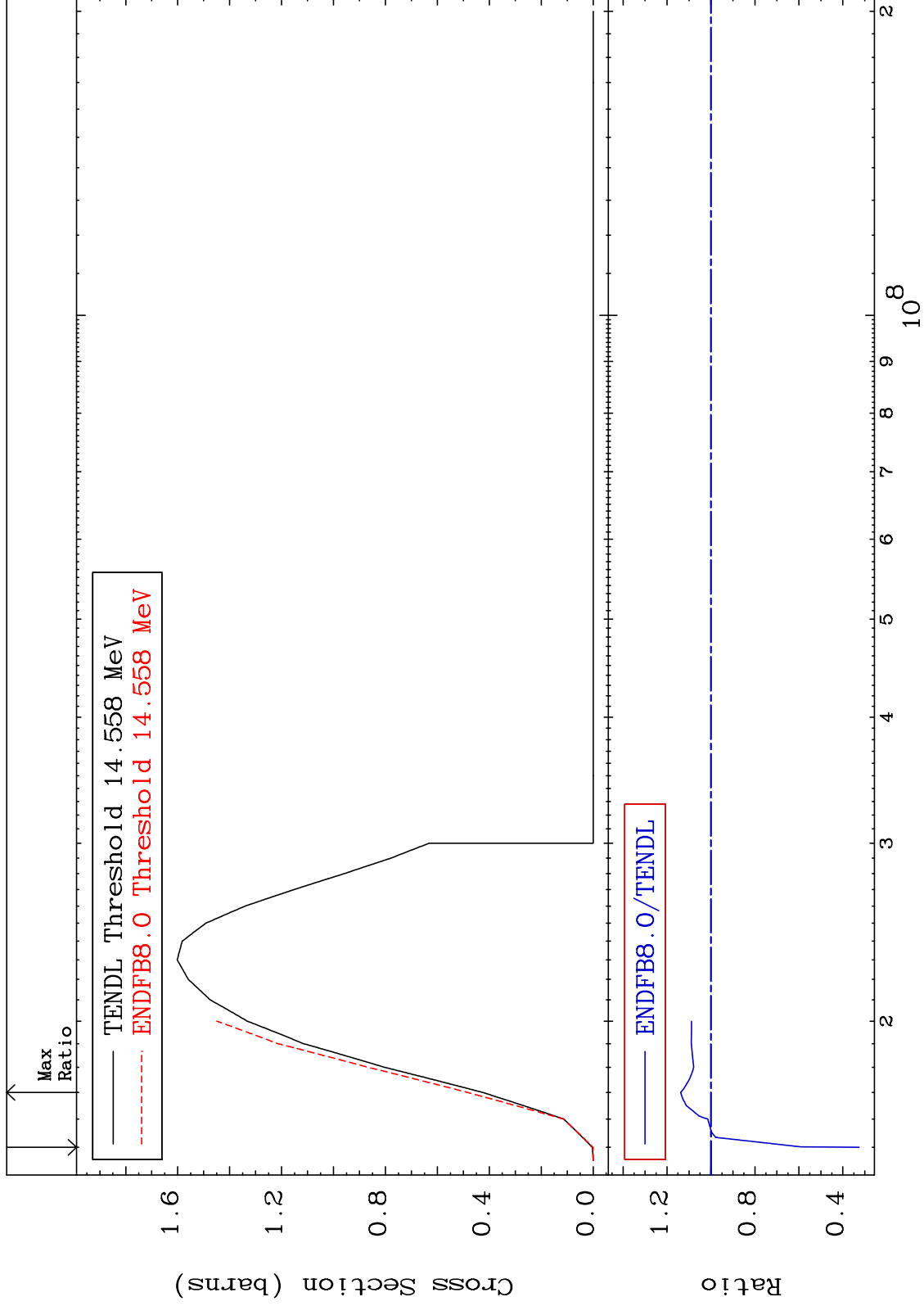
MAT 6646

(n, 3n)

66-Dy-163

Cross Section

-67.44 To 13.80 %



5

Incident Energy (eV)

66-Dy-163

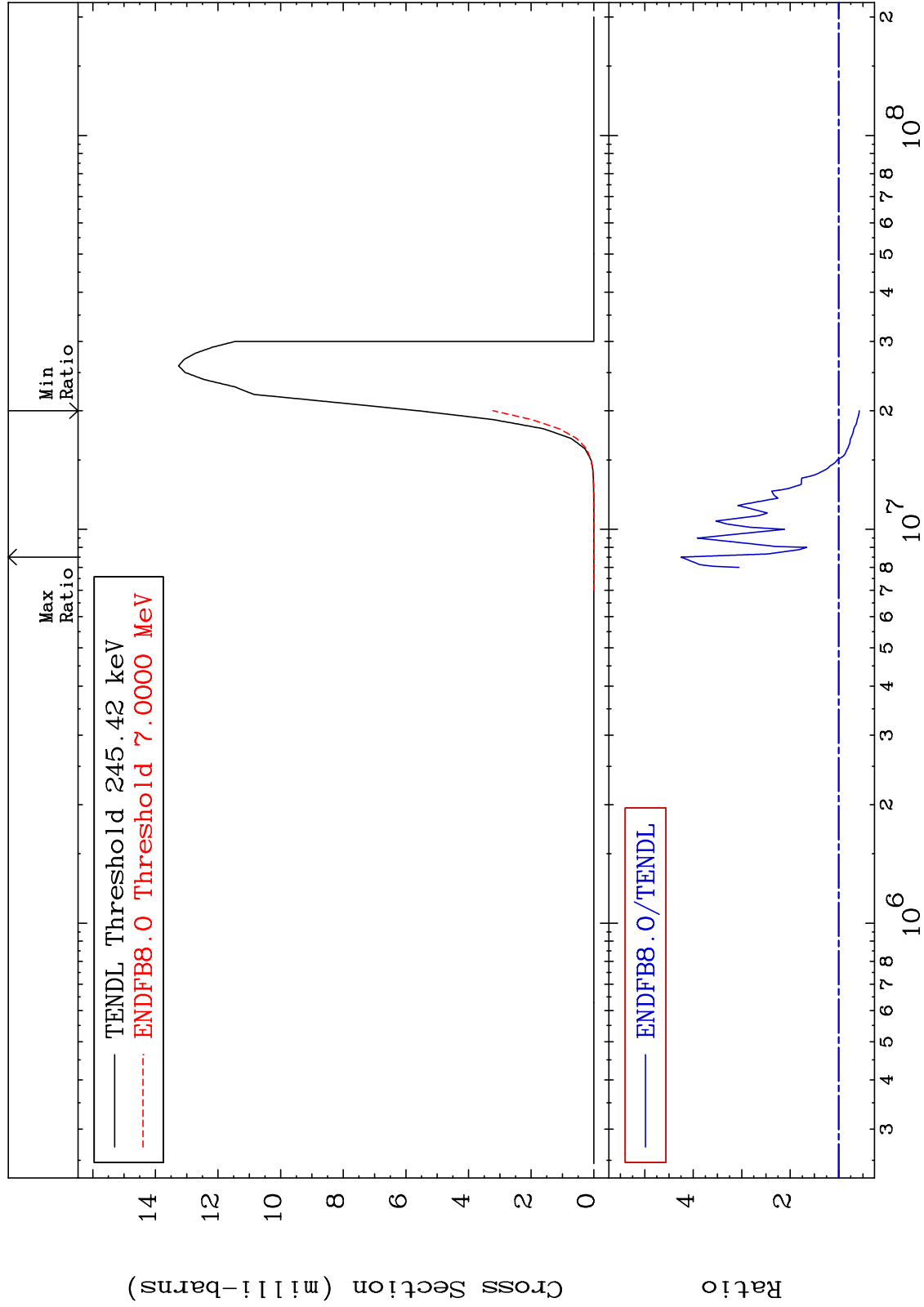
MAT 6646

(n, n') α

66-Dy-163

Cross Section

-42.56 To 325.1 %



6

Incident Energy (eV)

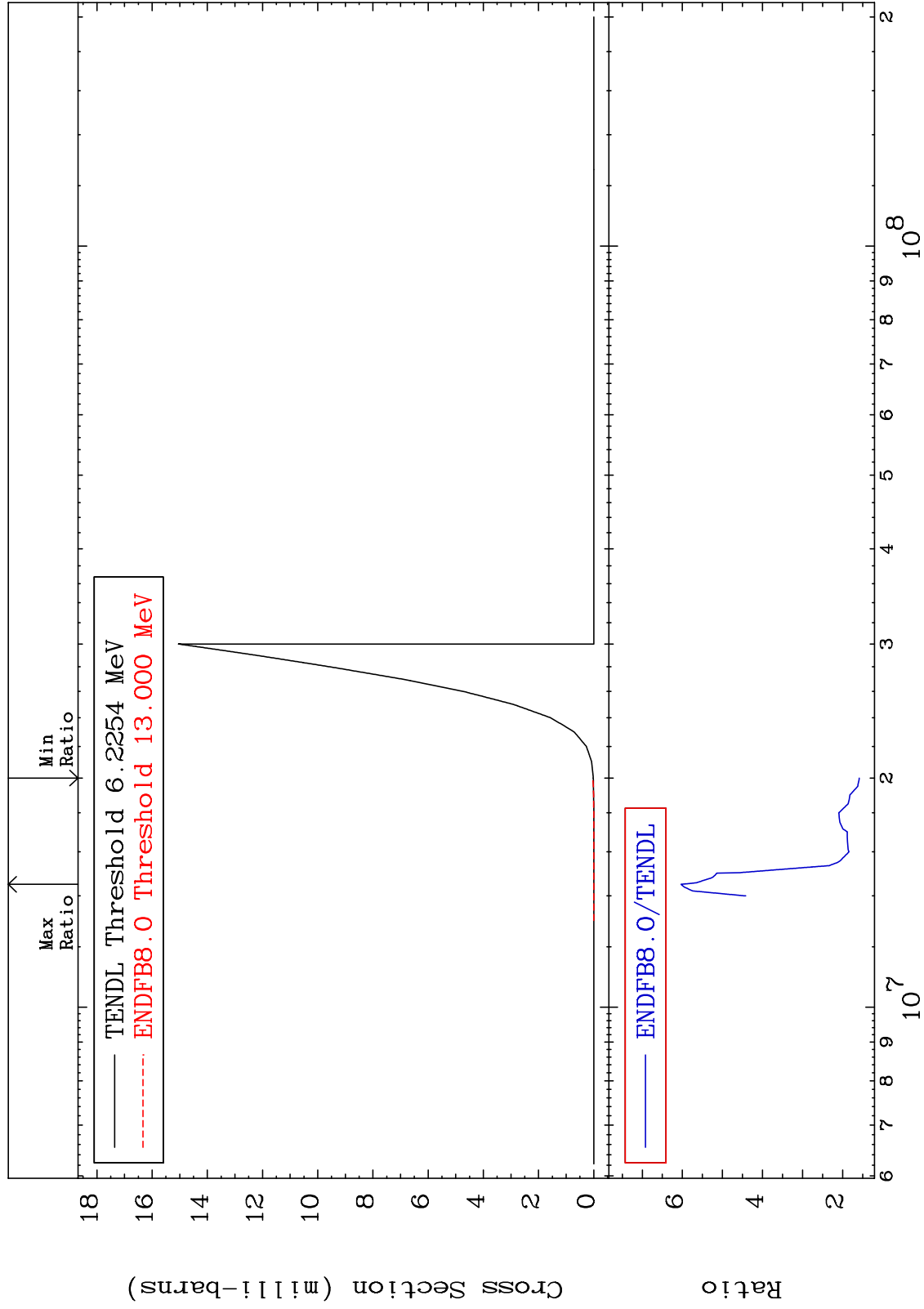
66-Dy-163

MAT 6646

(n,2n) α

Cross Section

66-Dy-163
58.36 To 503.3 %



7

Incident Energy (eV)

66-Dy-163

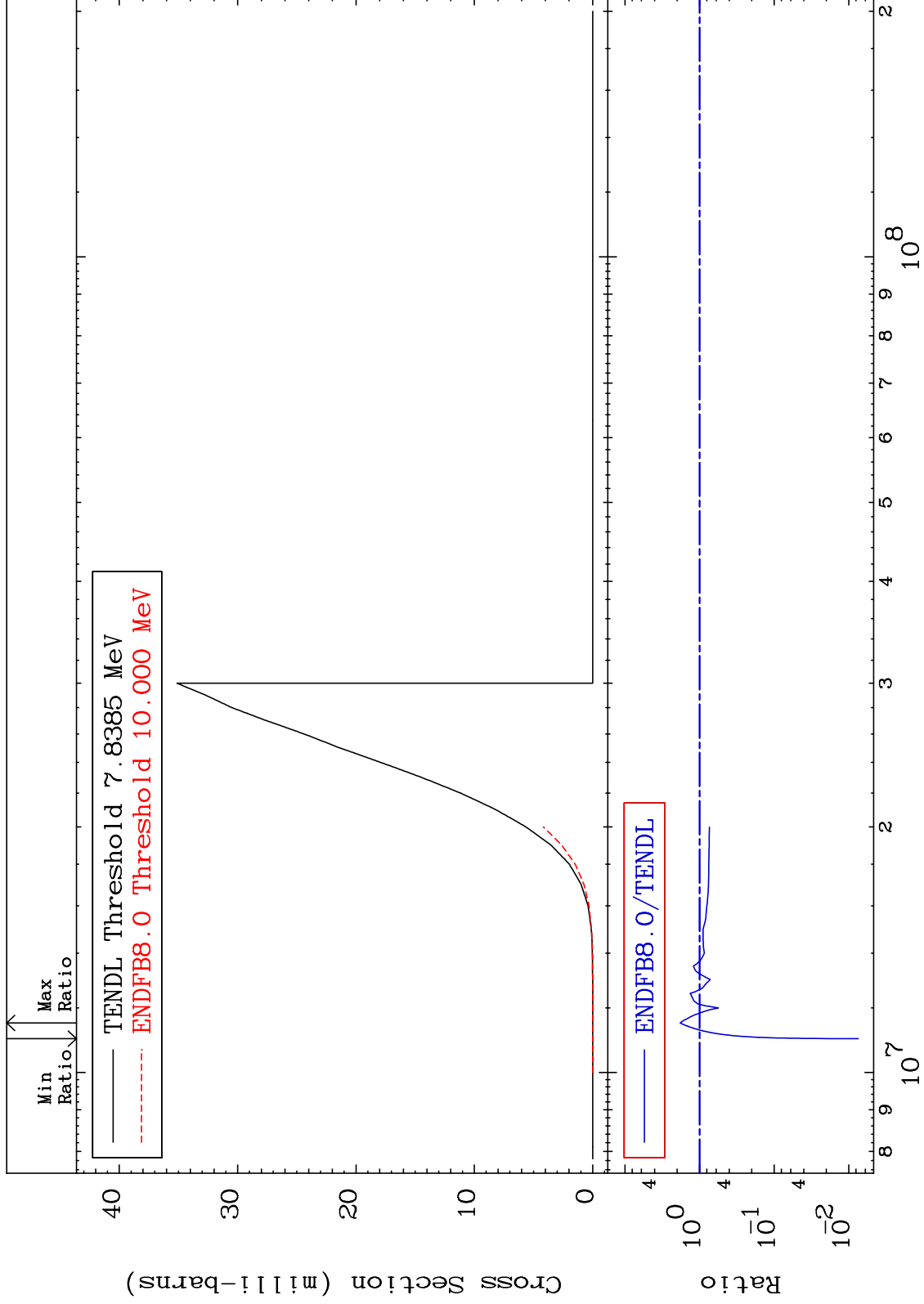
MAT 6646

(n,n') p

66-Dy-163

Cross Section

-99.26 To 82.51 %



8

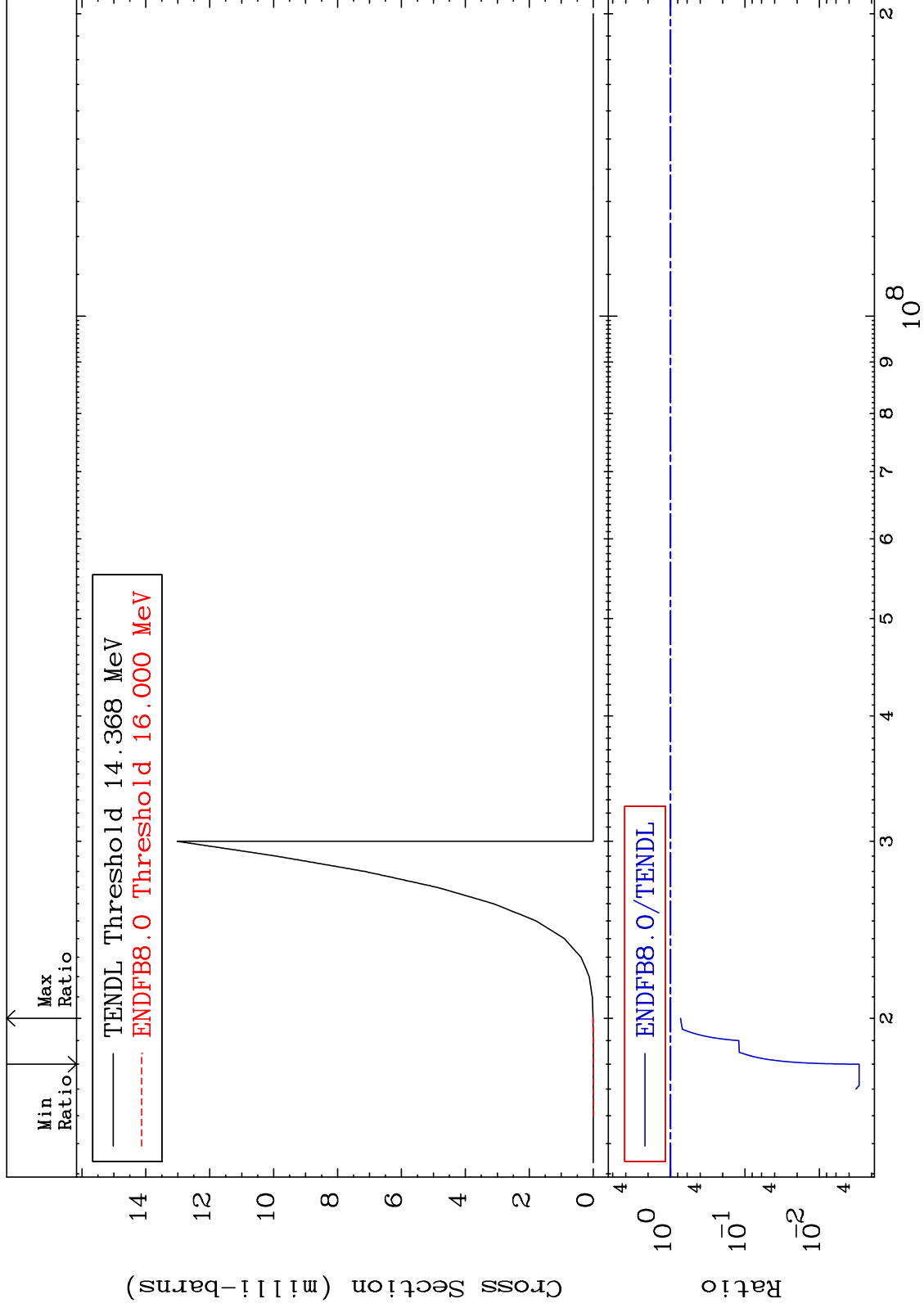
Incident Energy (eV)

66-Dy-163

MAT 6646

(n,2n) p
Cross Section

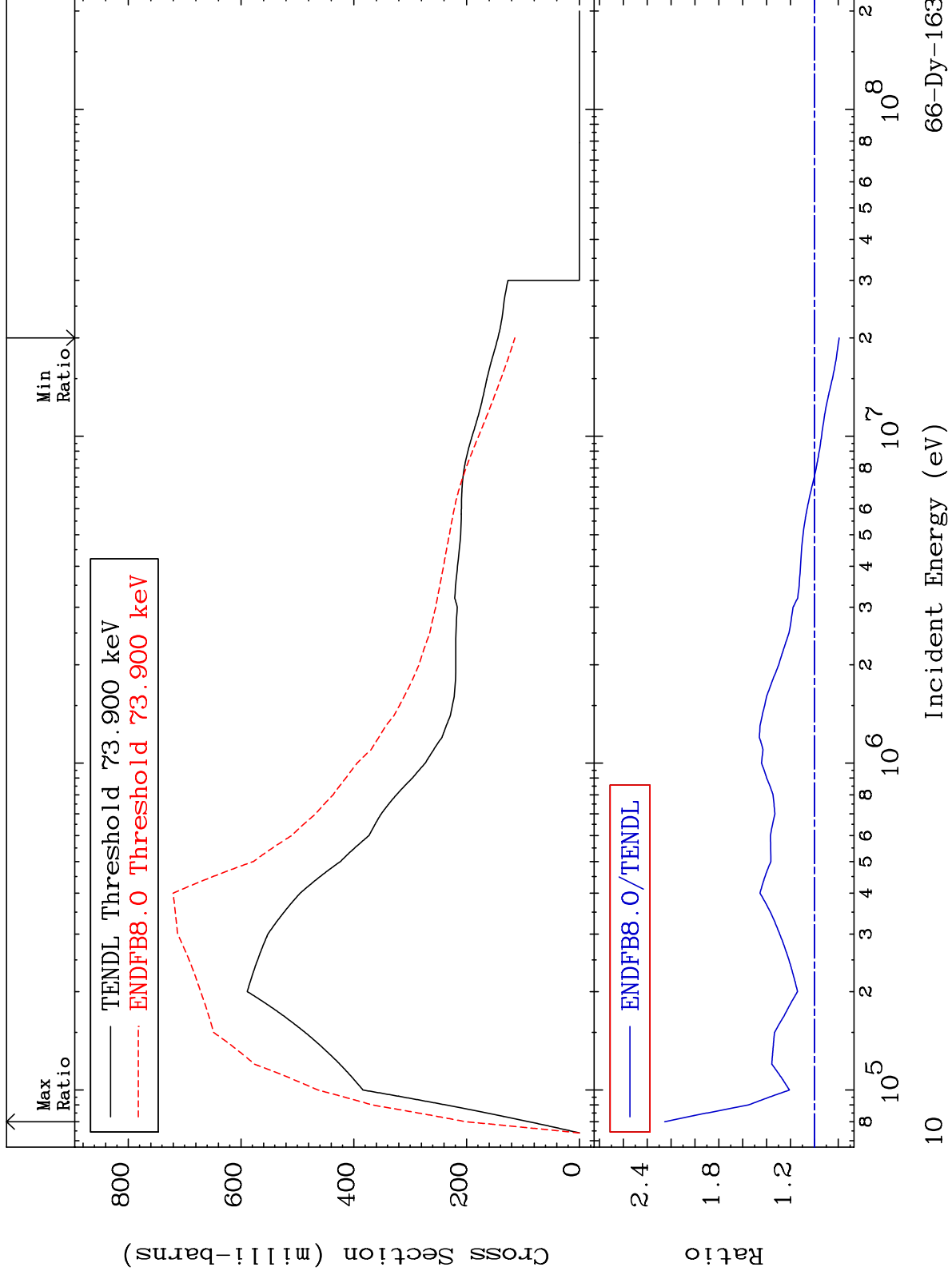
66-Dy-163
-99.71 To -26.83%



MAT 6646

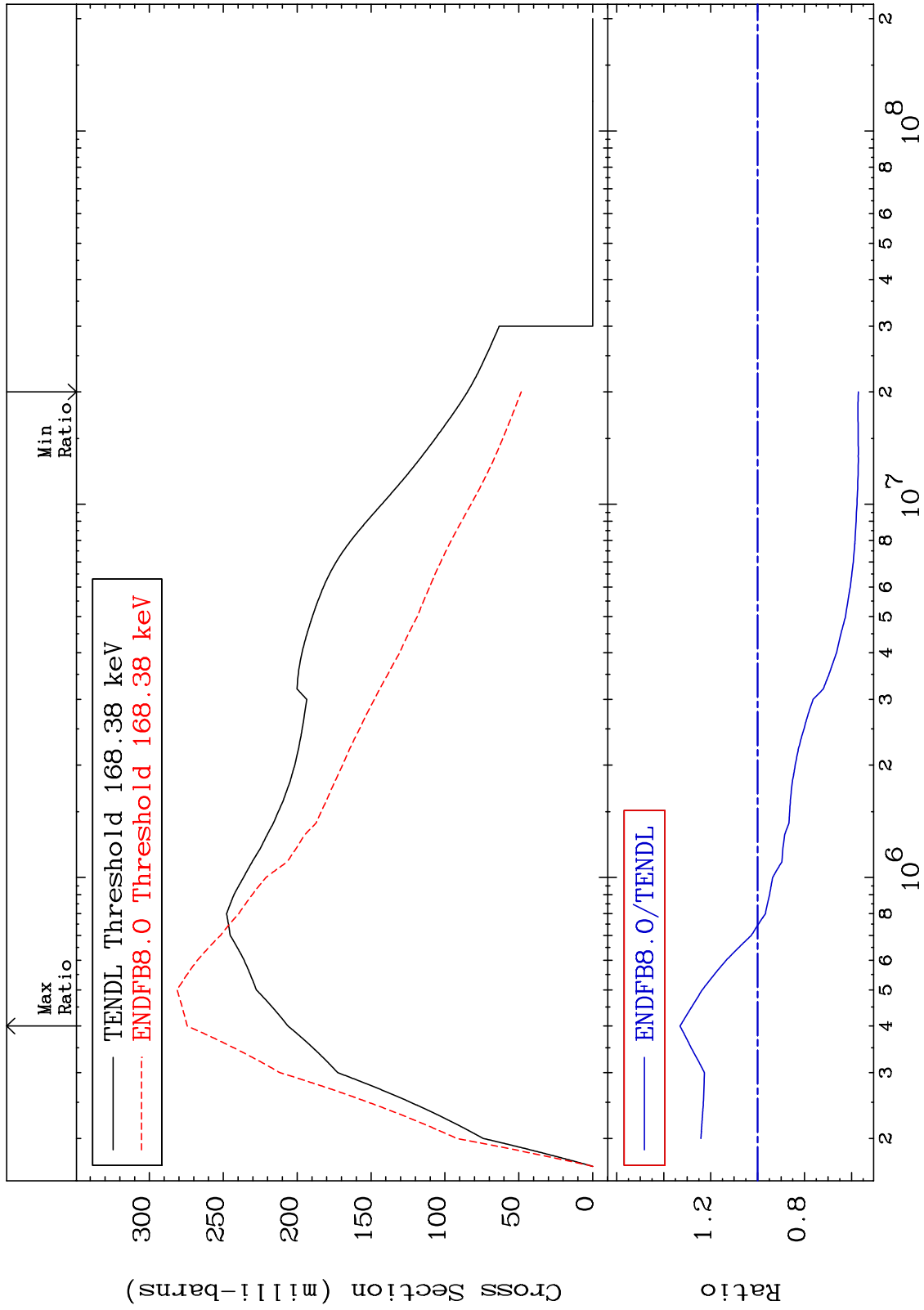
MT= 51 (n,n') Level
Cross Section

66-Dy-163
-20.77 To 125.2 %

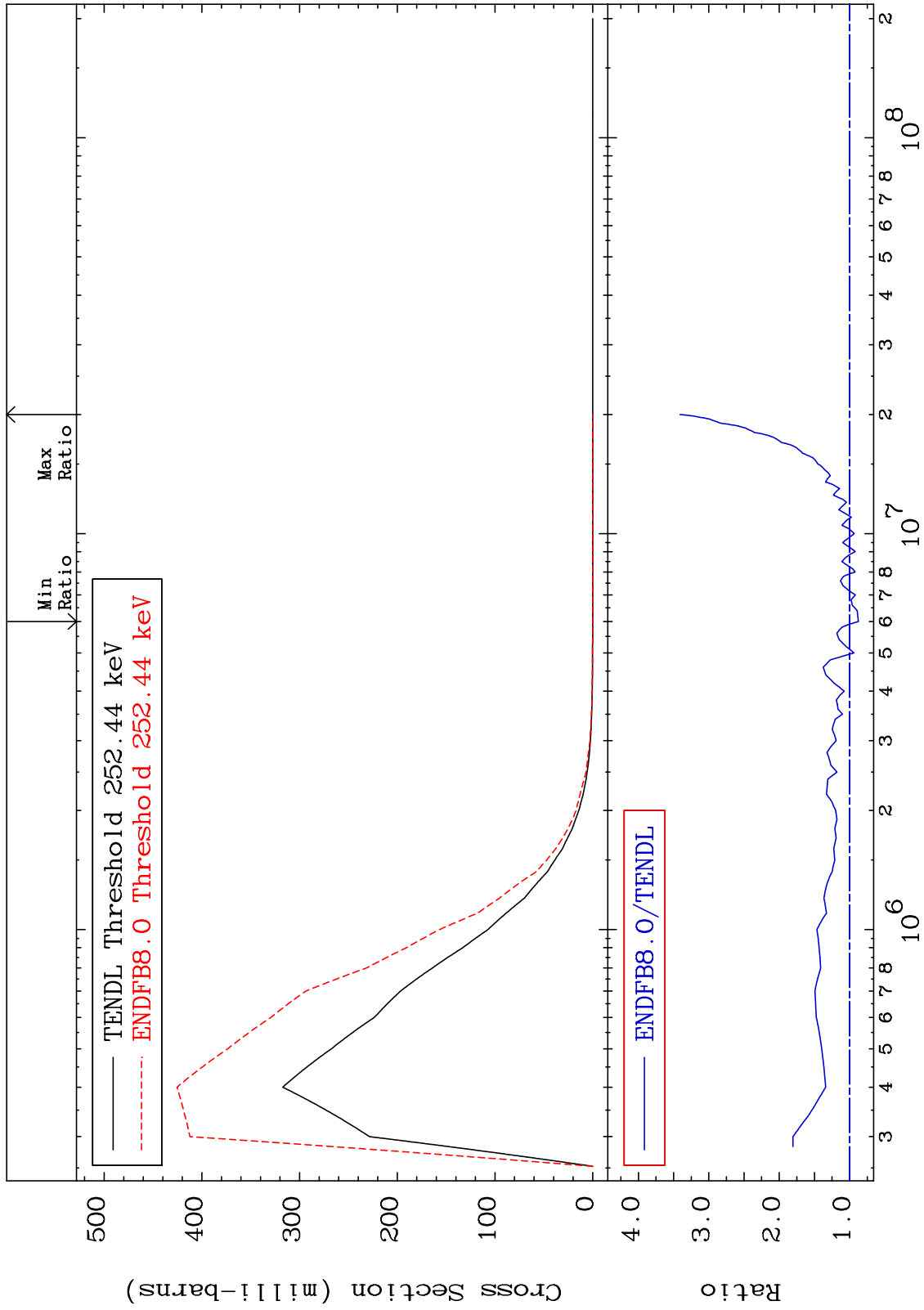


66-Dy-163

MAT 6646 MT= 52 (n,n') Level 66-Dy-163
 Cross Section -42.95 To 33.05 %



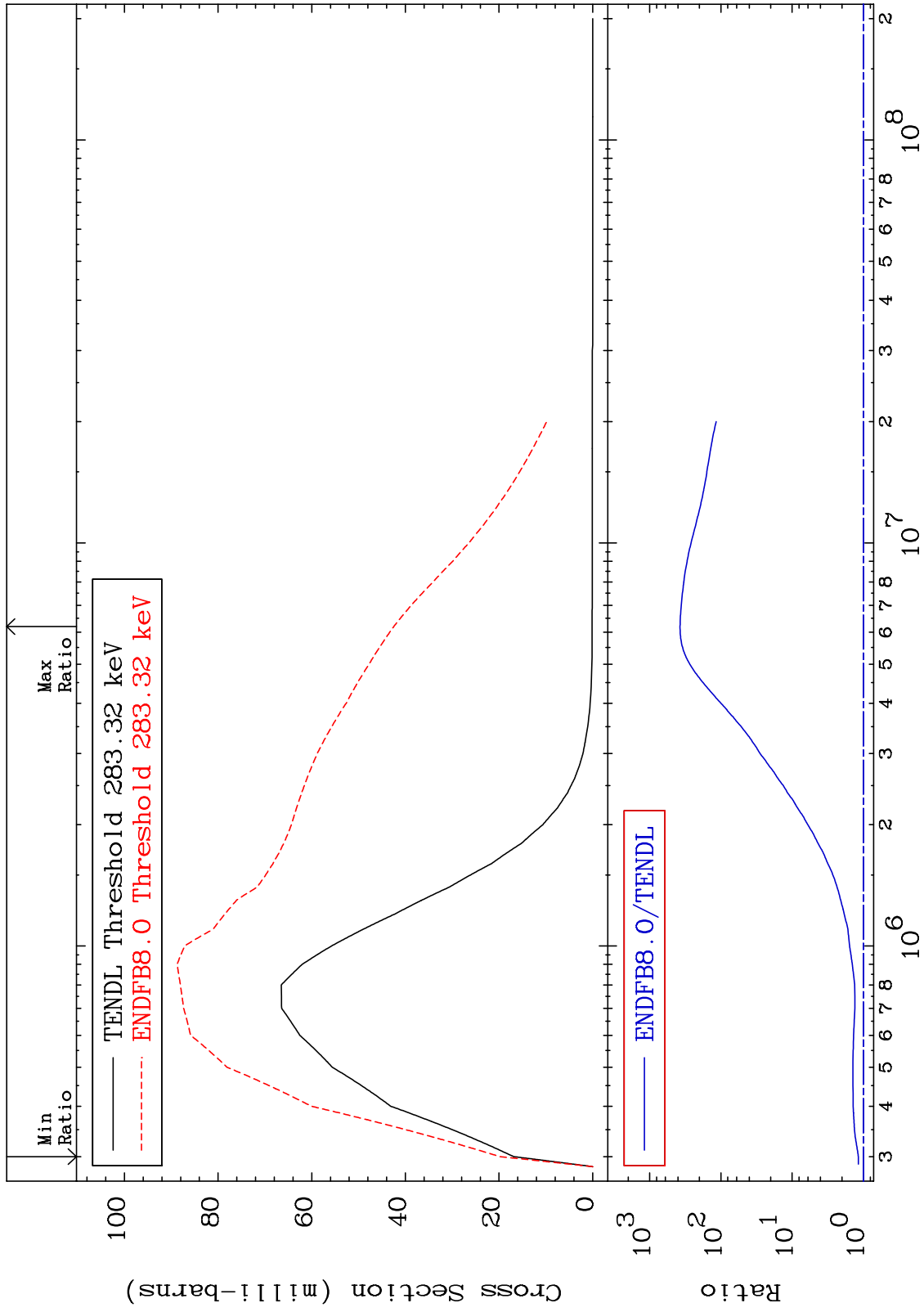
MAT 6646 MT= 53 (n,n') Level 66-Dy-163
 Cross Section -12.49 To 240.9 %



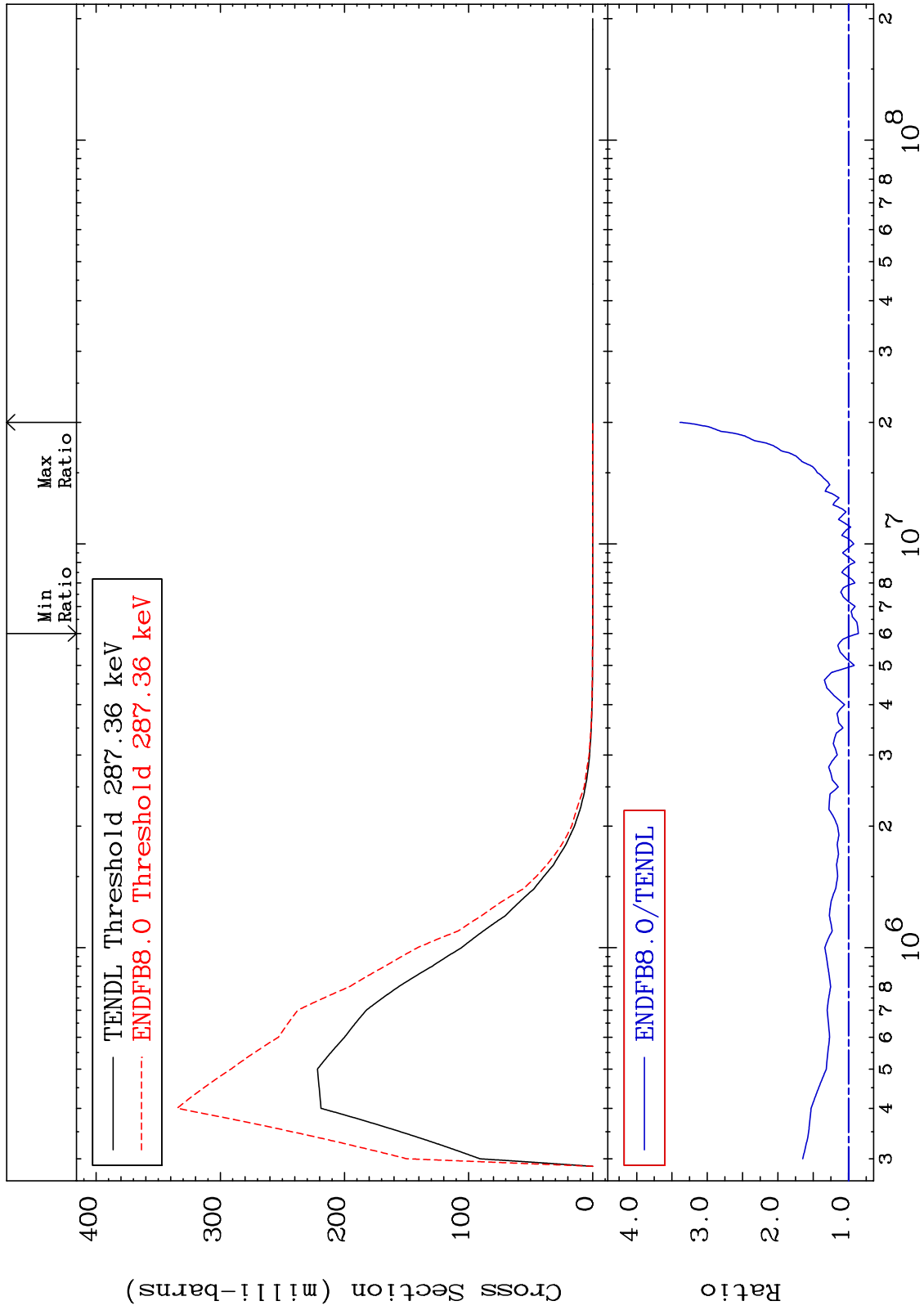
MAT 6646

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

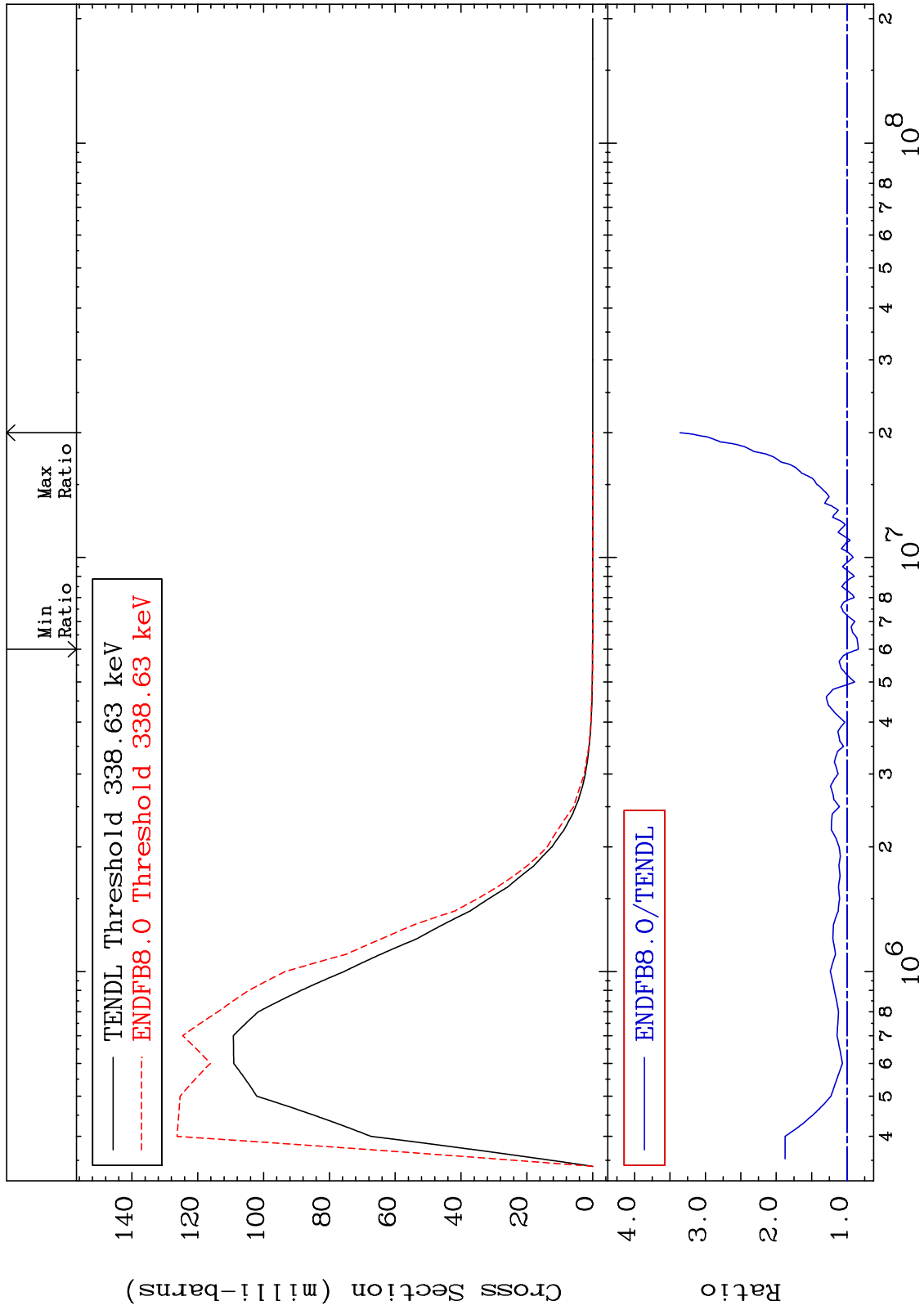
66-Dy-163
17.38 To 9999. %



MAT 6646 MT= 55 (n,n') Level Cross Section -14.07 To 238.6 % 66-Dy-163



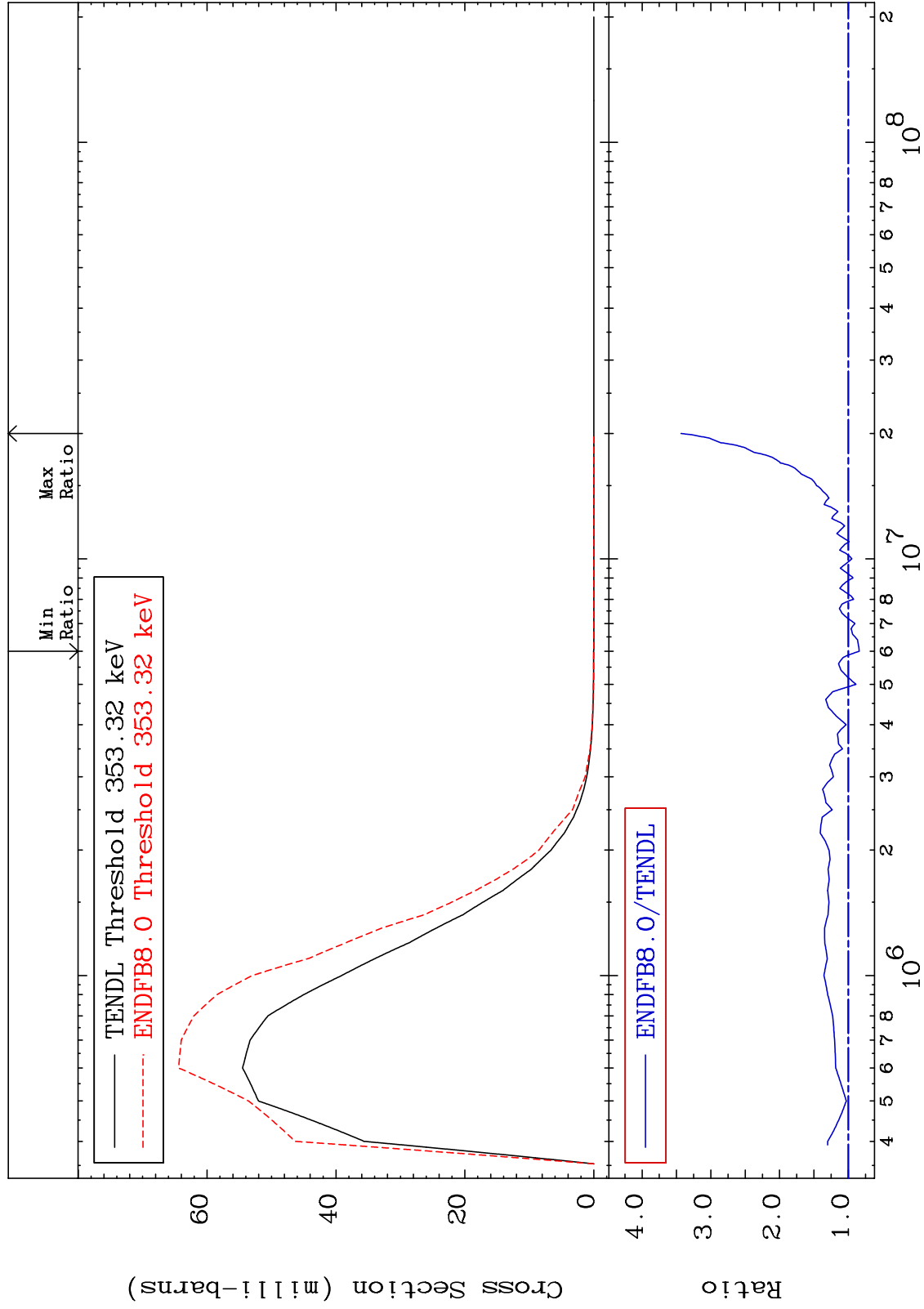
MAT 6646 MT= 56 (n,n') Level Cross Section -16.04 To 235.8 % 66-Dy-163



MAT 6646

MT= 57 (n,n') Level
Cross Section

66-Dy-163
-15.96 To 243.4 %

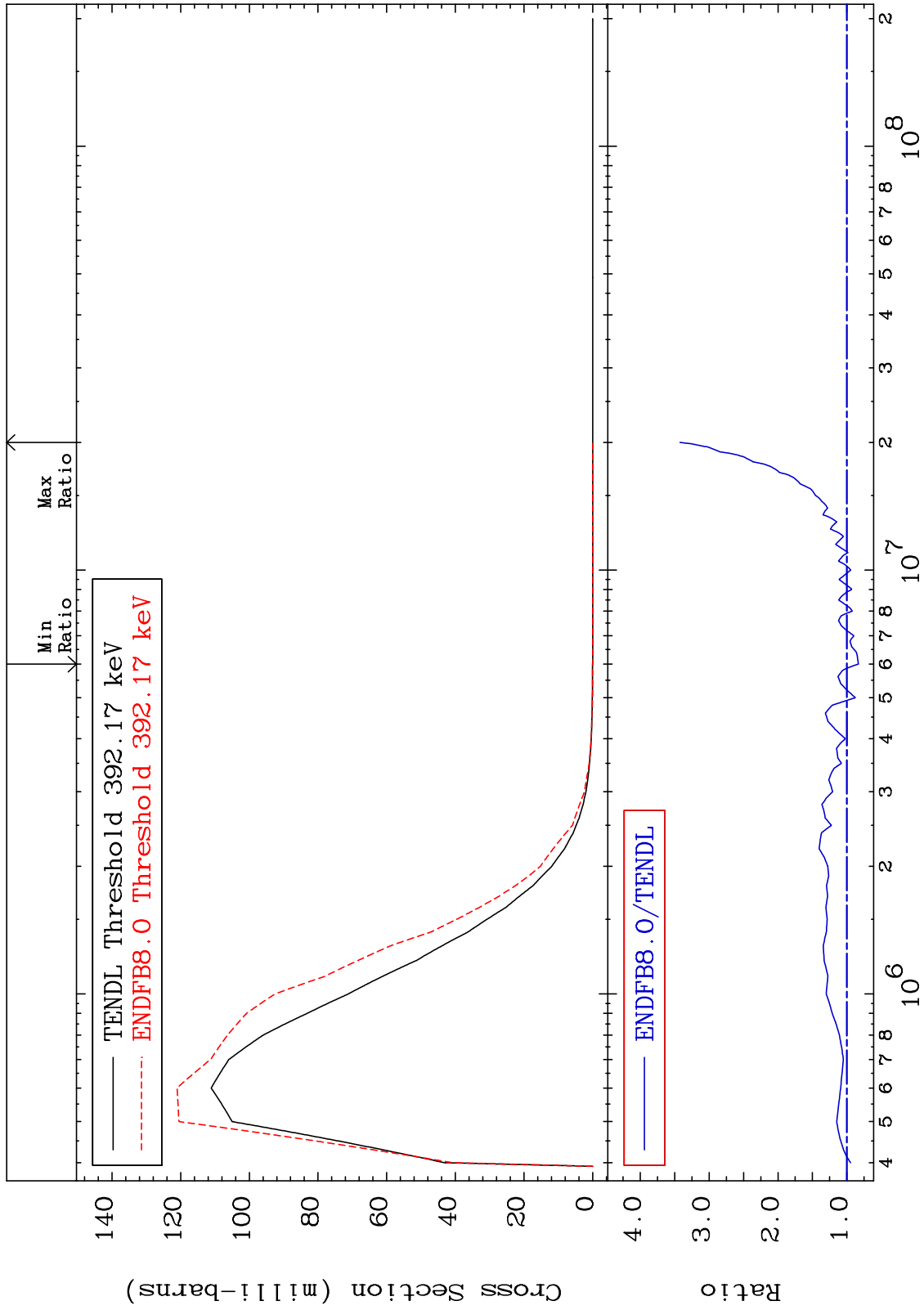


16

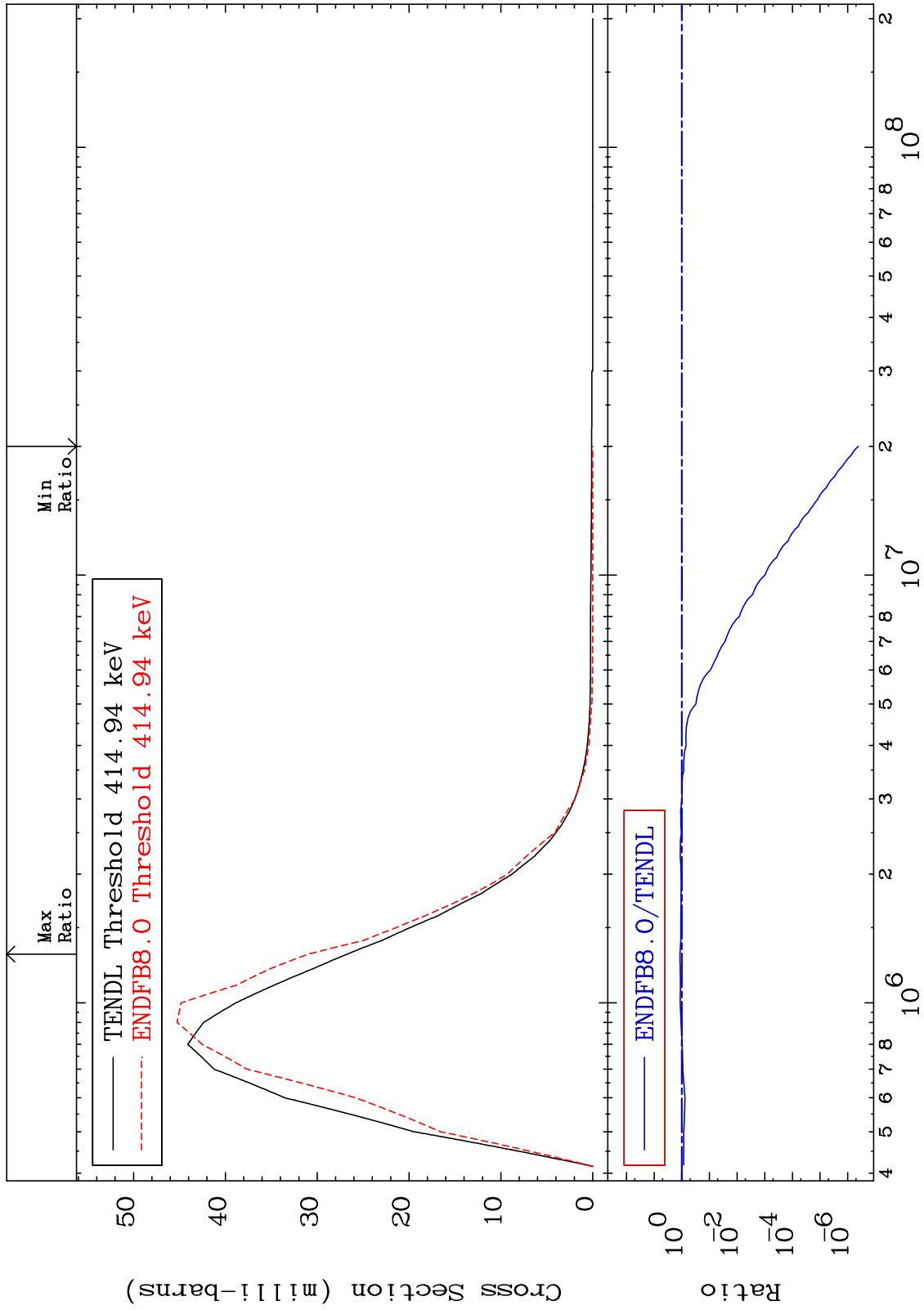
Incident Energy (eV)

66-Dy-163

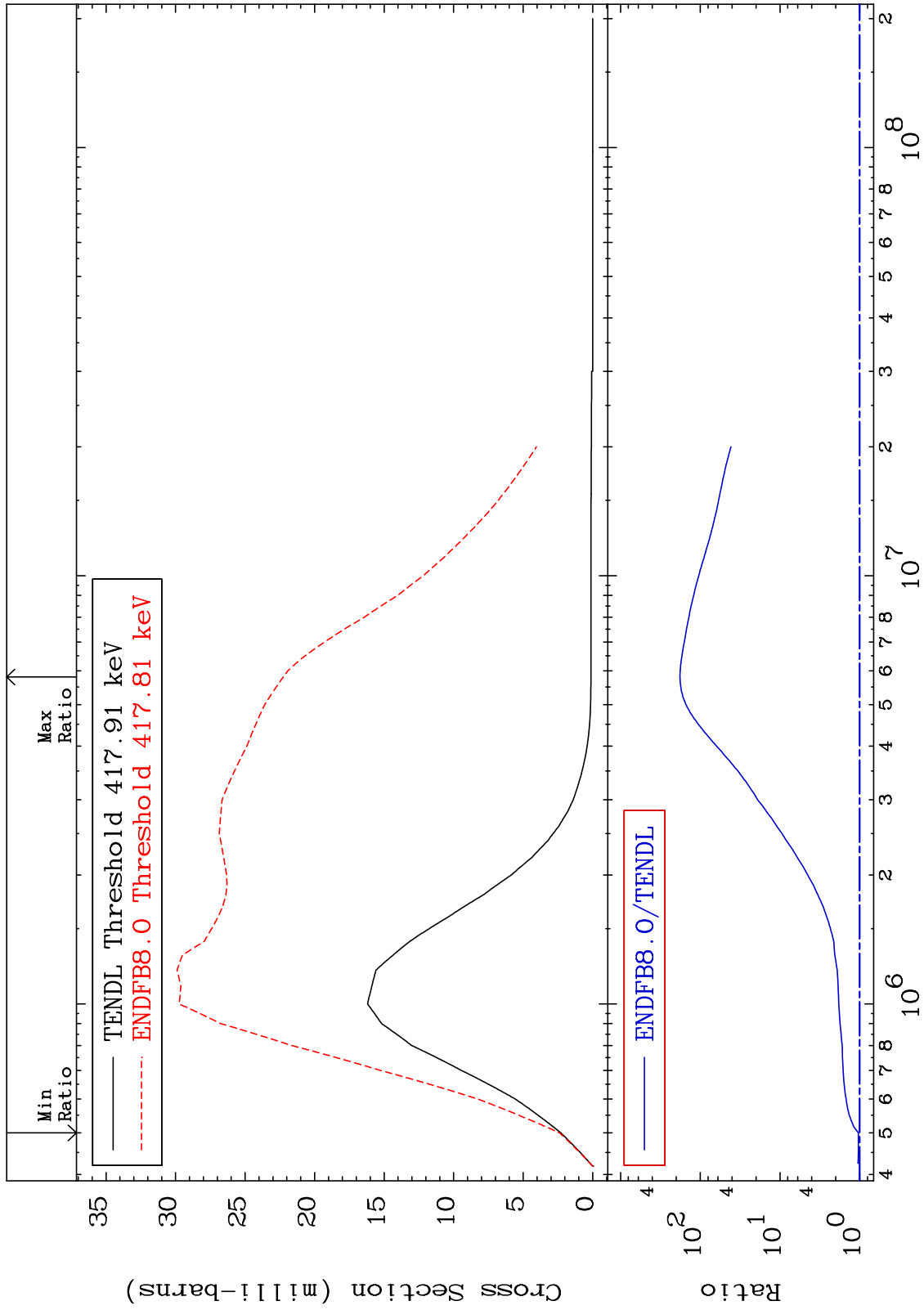
MAT 6646 MT= 58 (n,n') Level Cross Section -16.80 To 242.3 % 66-Dy-163



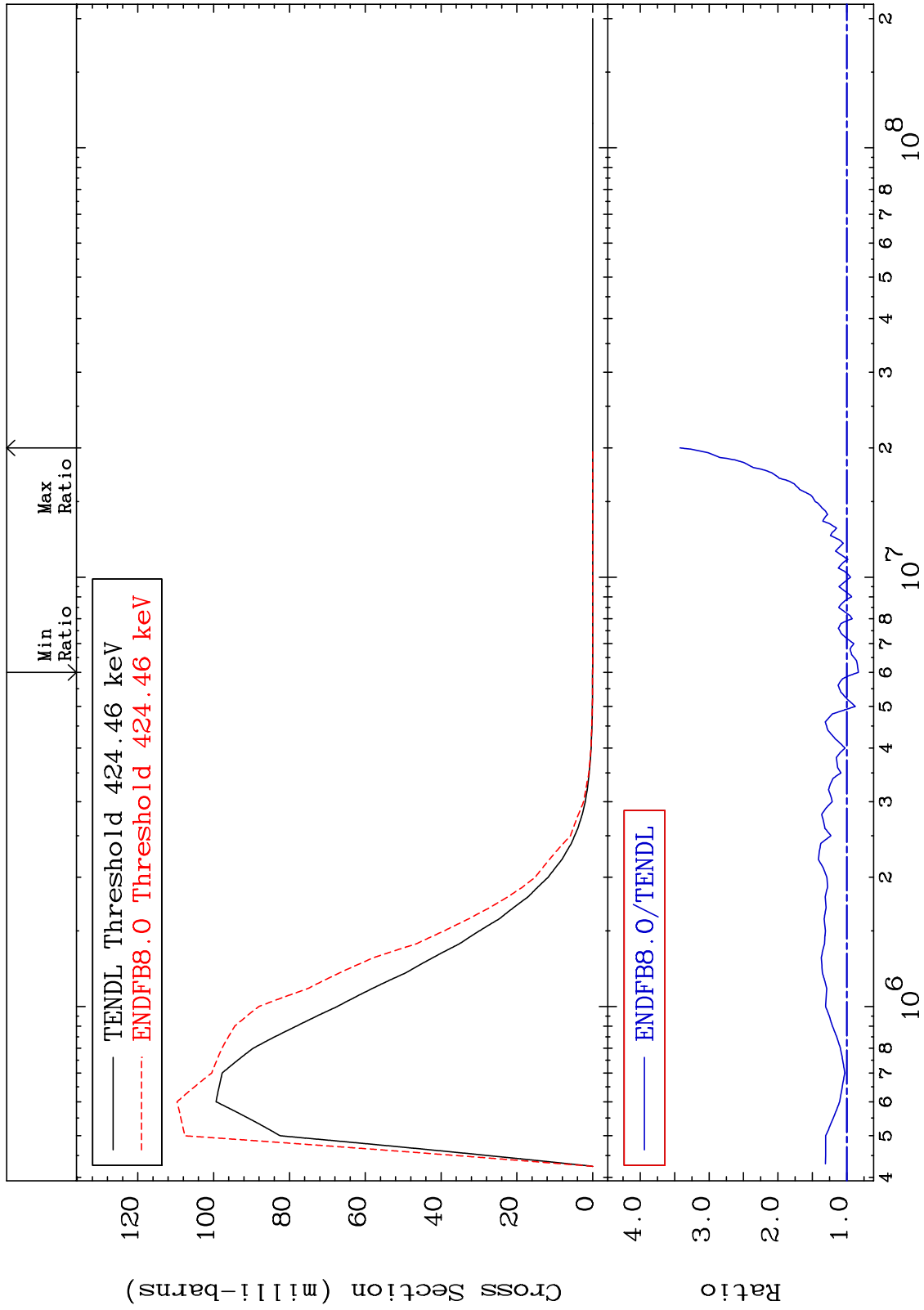
MAT 6646 MT= 59 (n,n') Level 66-Dy-163
 Cross Section -100.0 To 15.87 %



MAT 6646 MT= 60 (n,n') Level 66-Dy-163
 Cross Section 3.863 To 9999. %

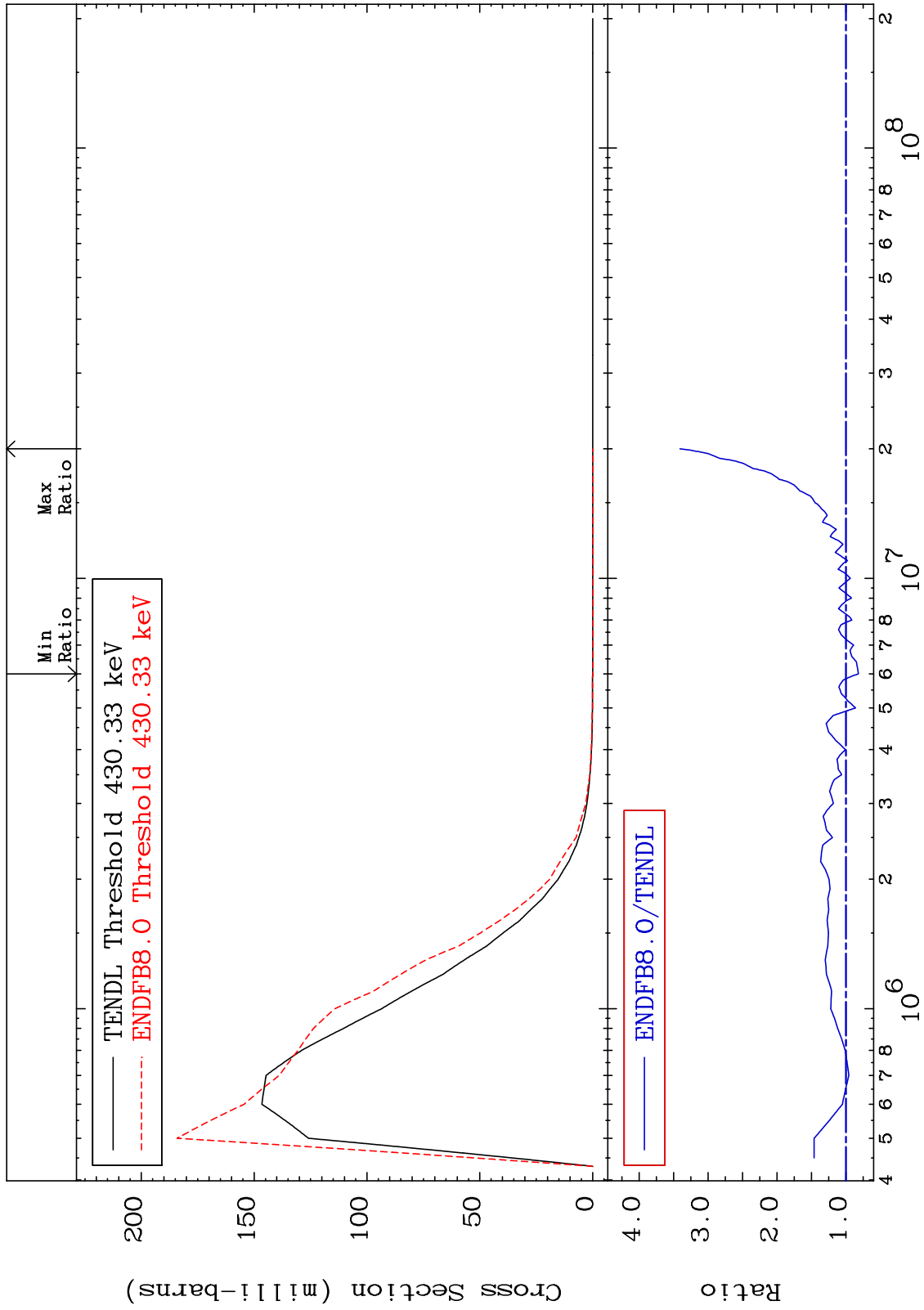


MAT 6646 MT= 61 (n,n') Level 66-Dy-163
 Cross Section -16.97 To 242.3 %

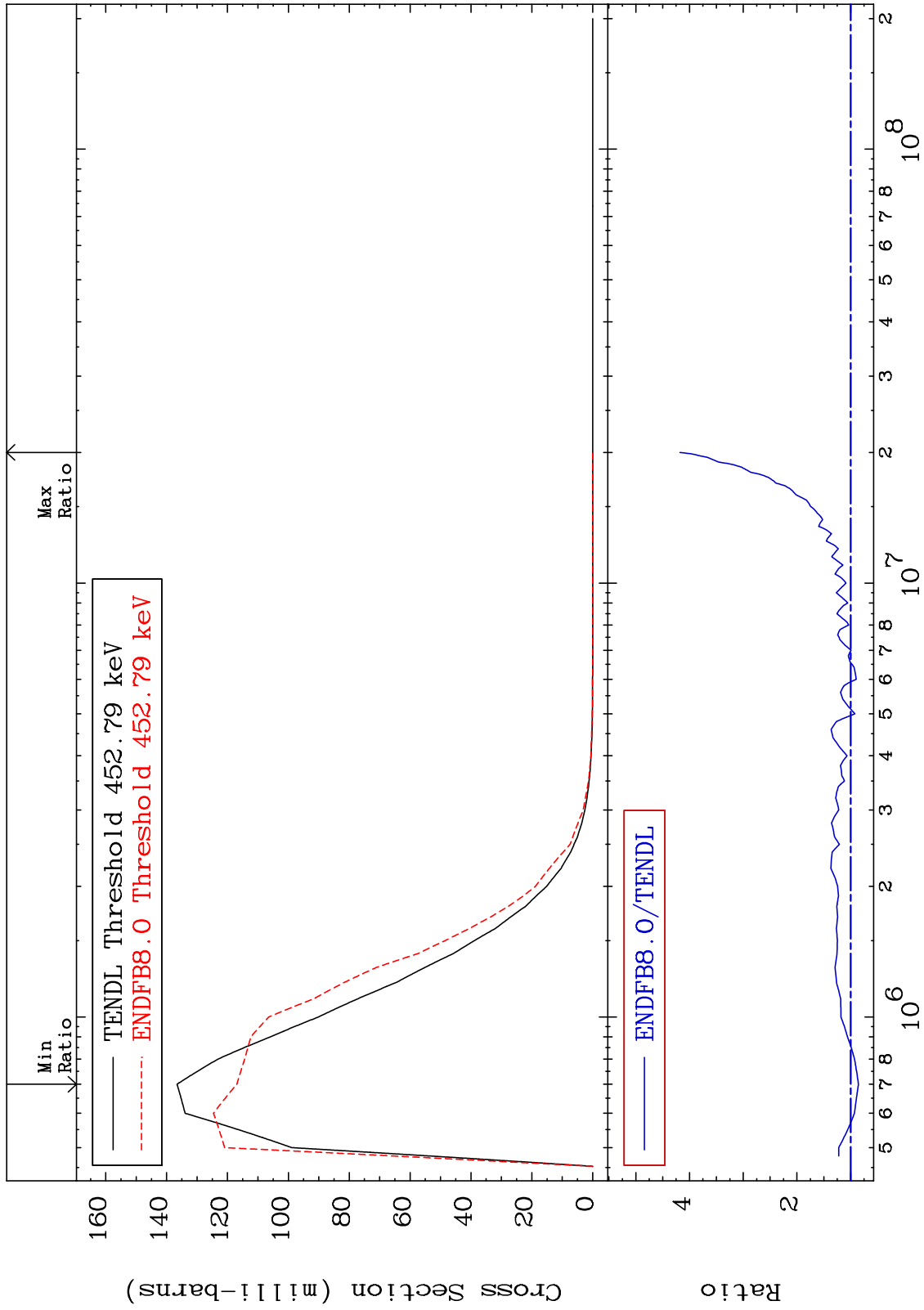


20 Incident Energy (eV) 66-Dy-163

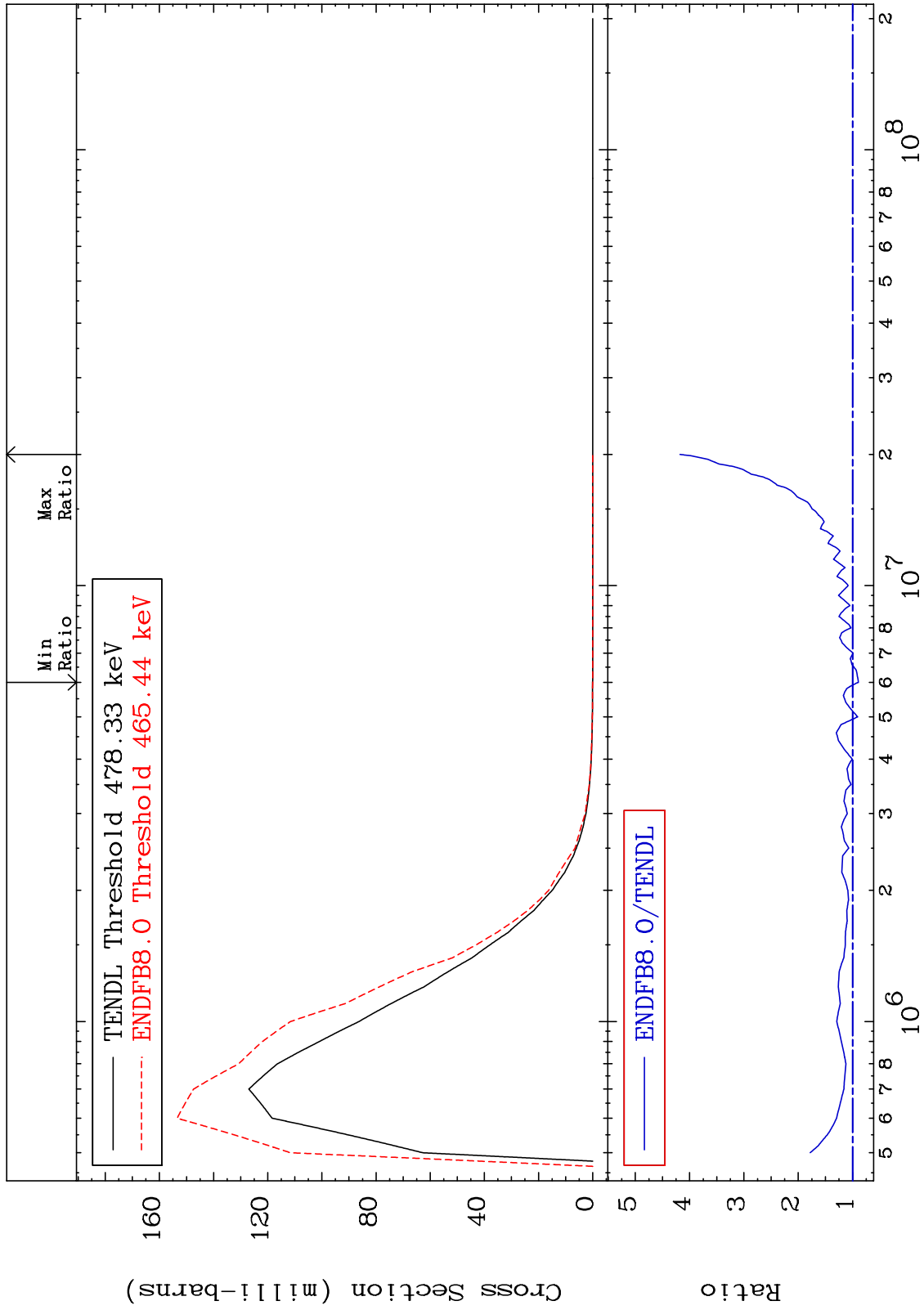
MAT 6646 MT= 62 (n,n') Level 66-Dy-163
 Cross Section -17.97 To 240.7 %



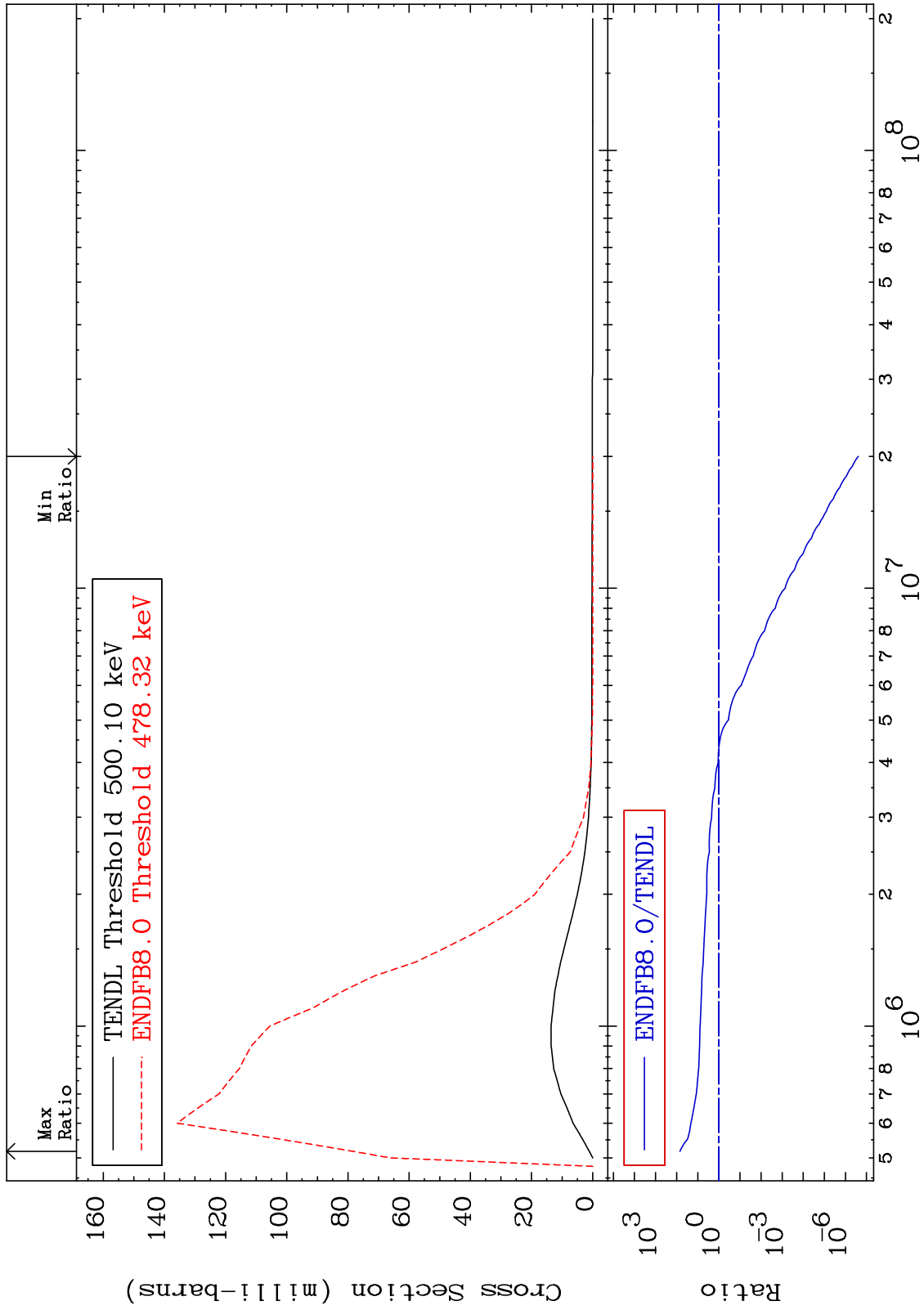
MAT 6646 MT= 63 (n,n') Level 66-Dy-163
 Cross Section -14.39 To 317.7 %



MAT 6646 MT= 64 (n,n') Level Cross Section 66-Dy-163
 -10.72 To 317.7 %



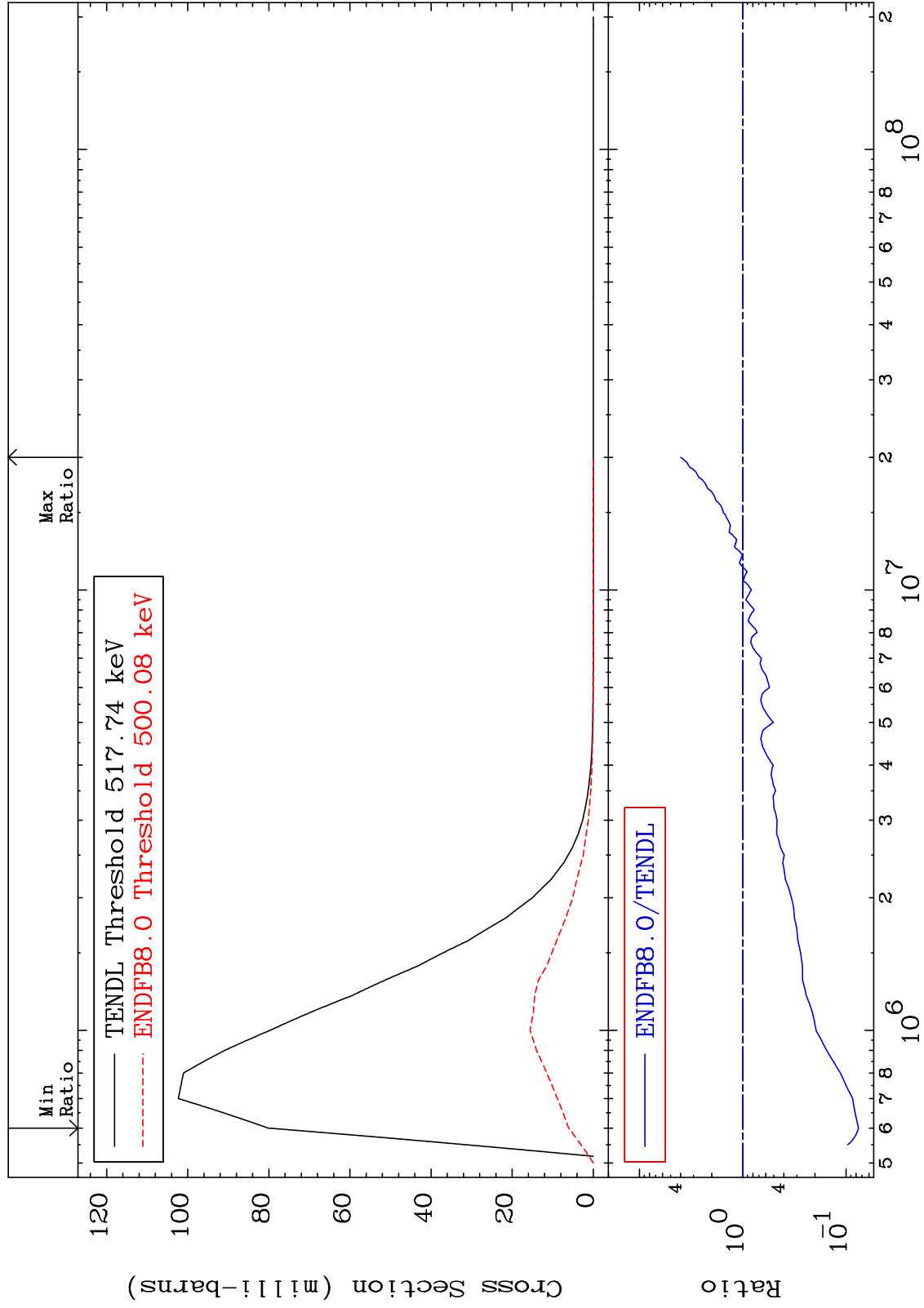
MAT 6646 MT= 65 (n,n') Level 66-Dy-163
 Cross Section -100.0 To 6832. %



MAT 6646

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

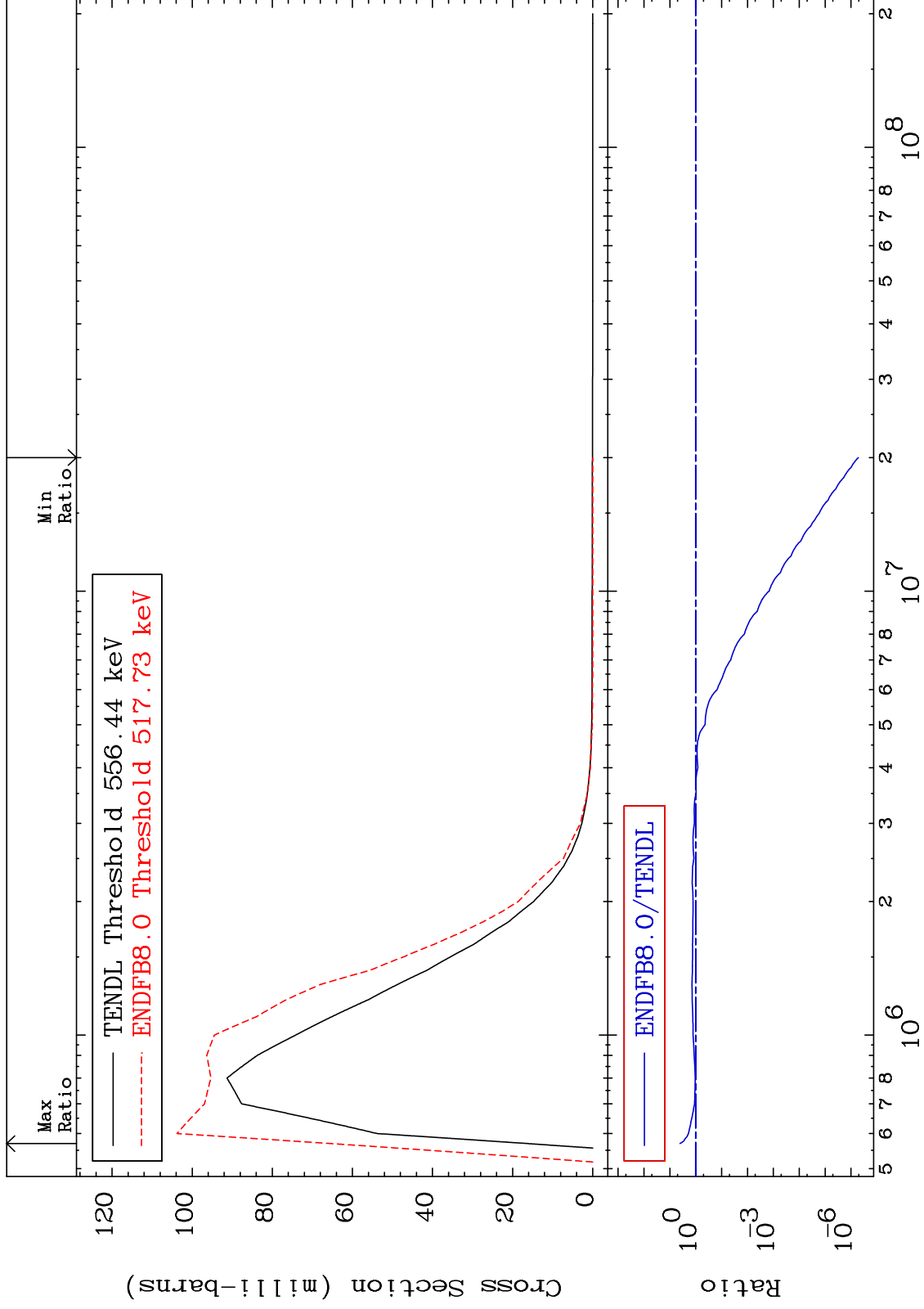
66-Dy-163
-92.43 To 301.5 %



MAT 6646

MT= 67 (n,n') Level
Cross Section

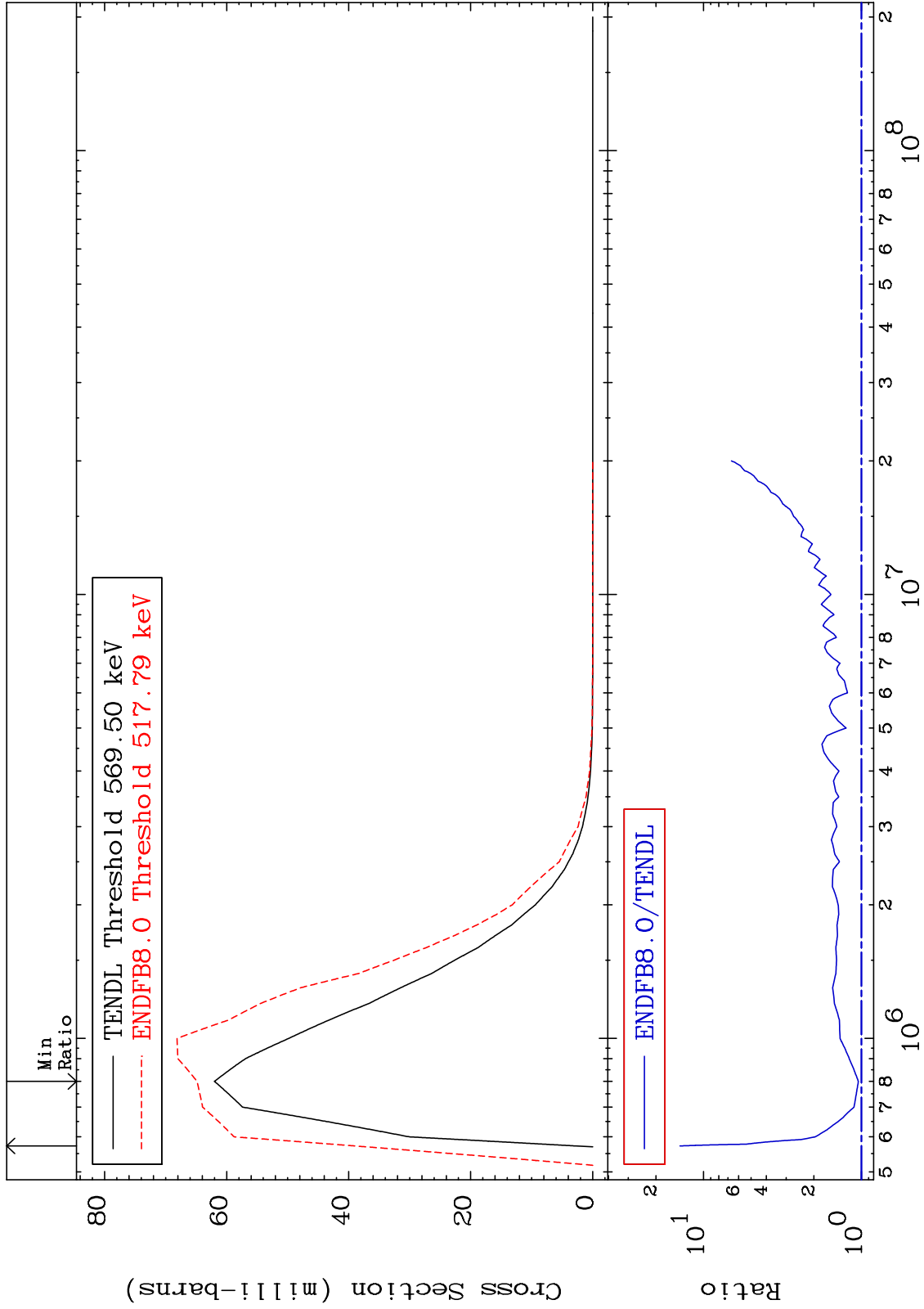
66-Dy-163
-100.0 To 304.7 %



MAT 6646

MT= 68 (n,n') Level
Cross Section

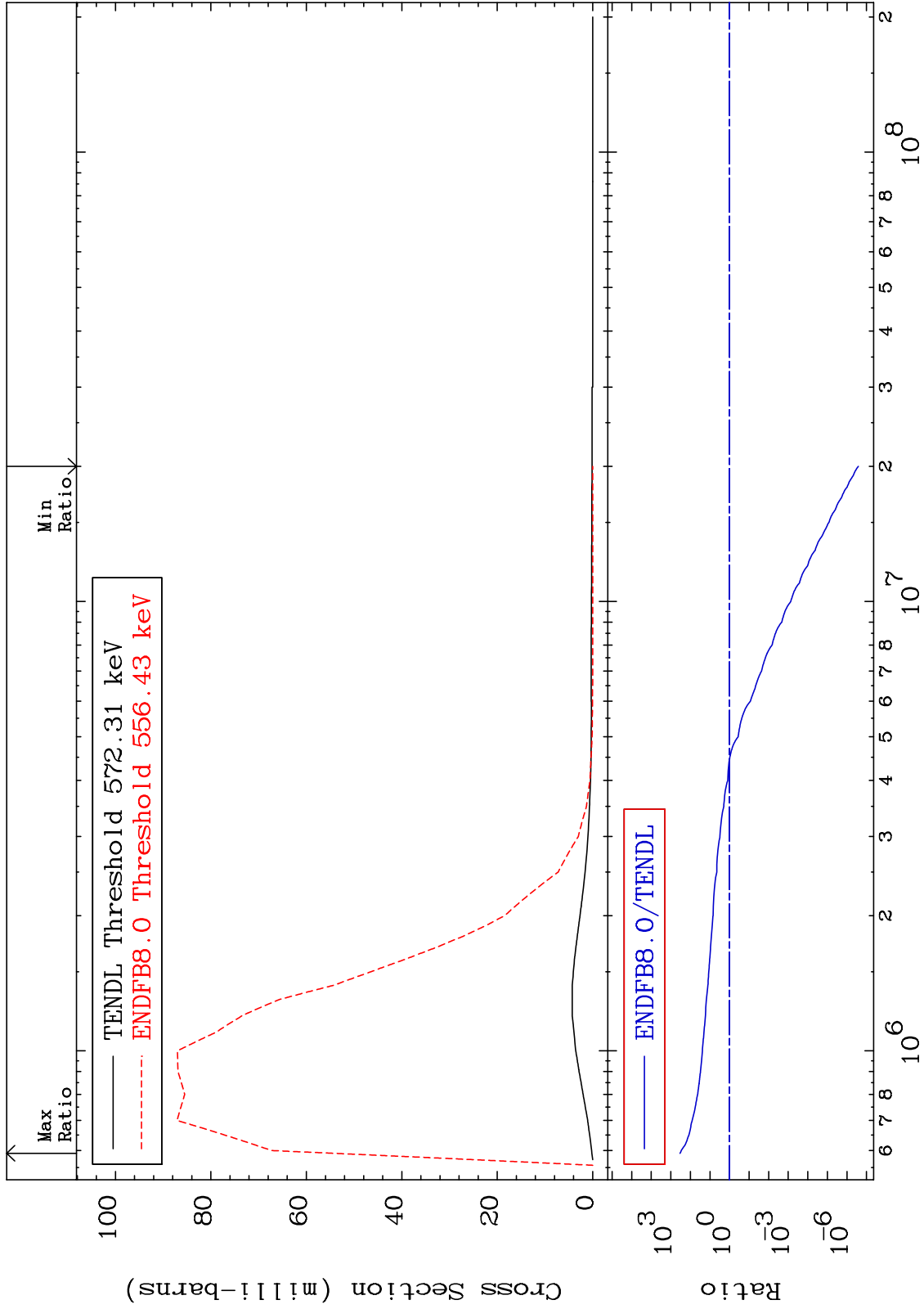
66-Dy-163
4.580 To 1309. %



MAT 6646

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

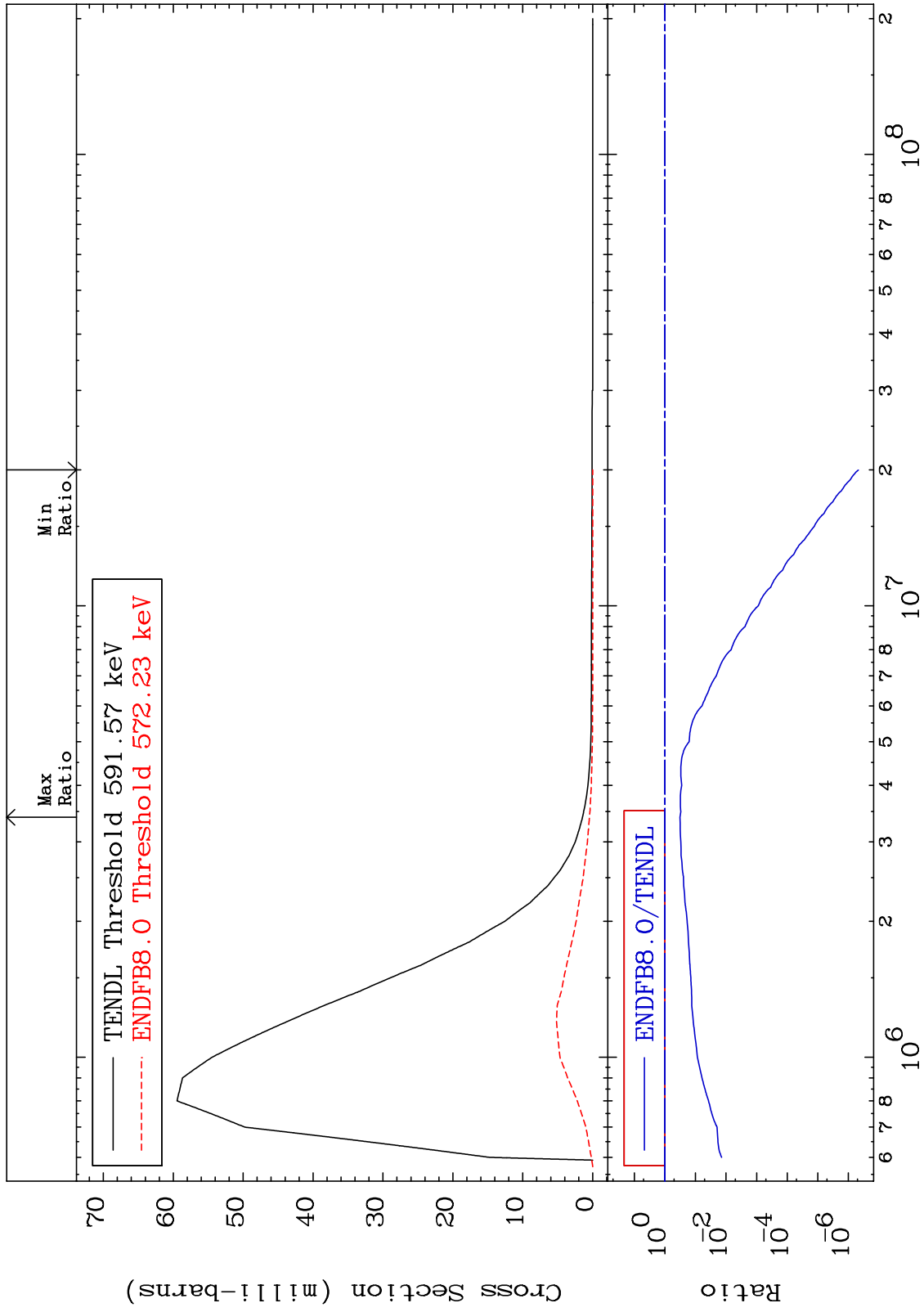
66-Dy-163
-100.0 To 9999. %



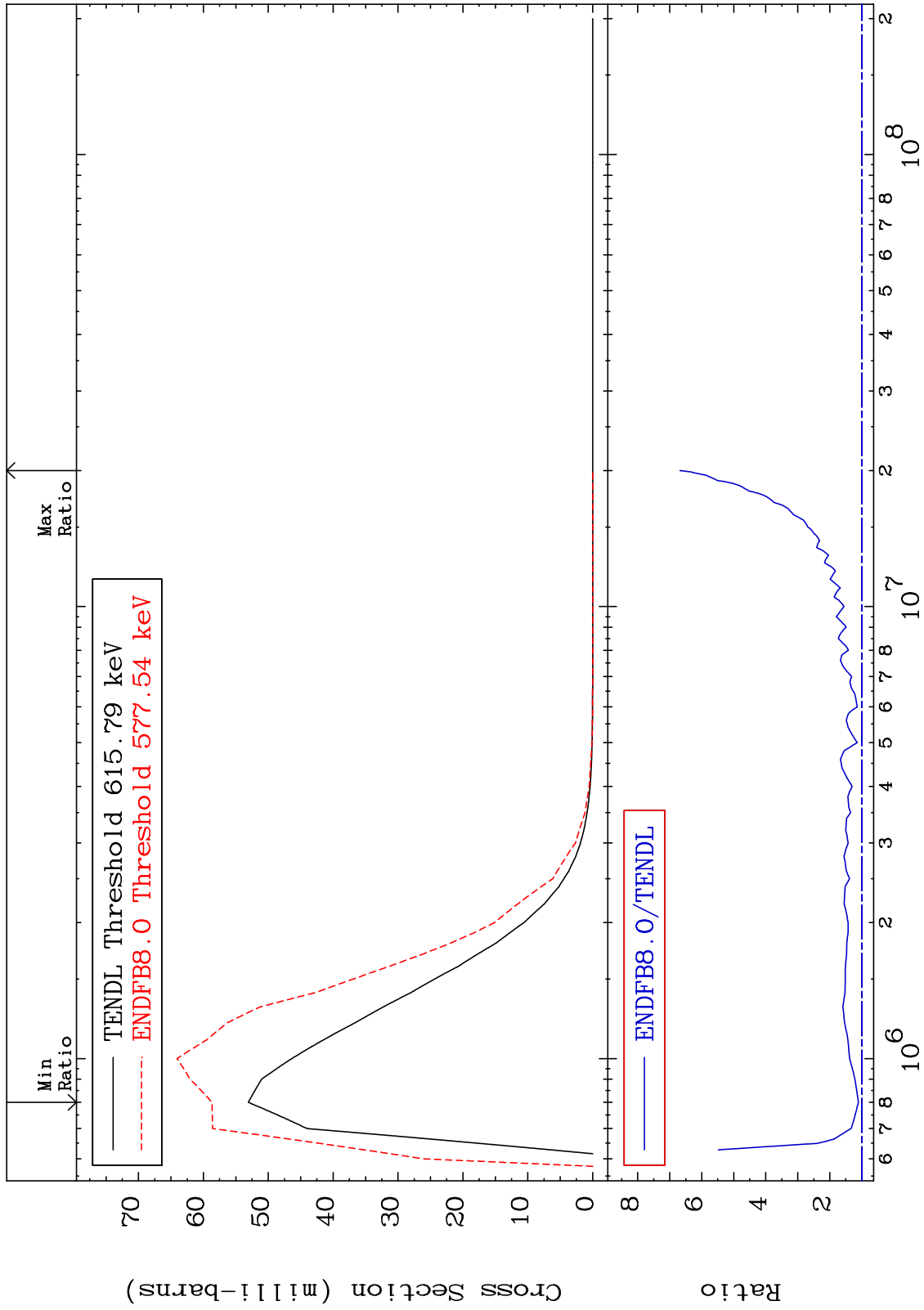
MAT 6646

MT= 70 (n,n') Level
Cross Section

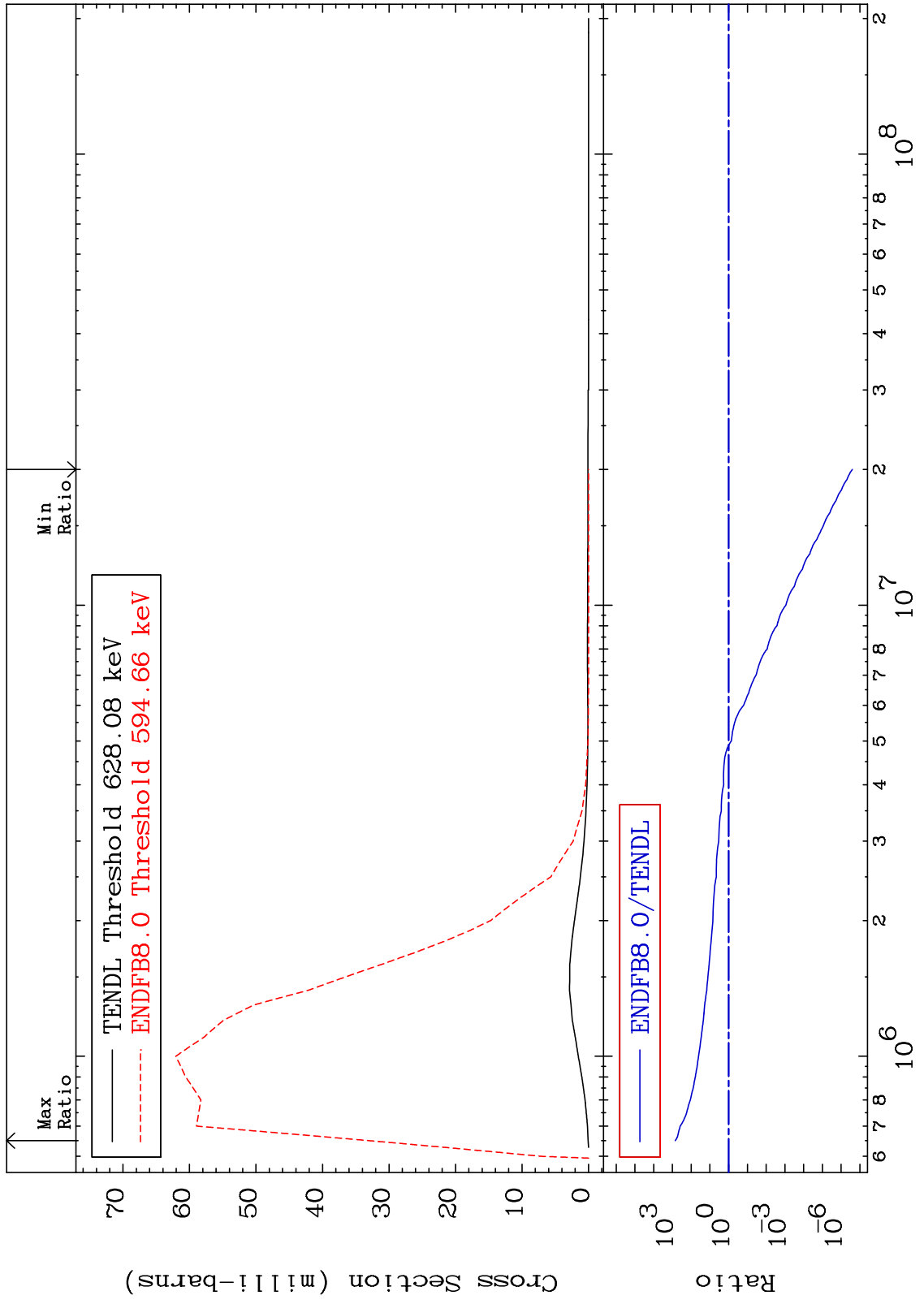
66-Dy-163
-100.0 To -68.03%



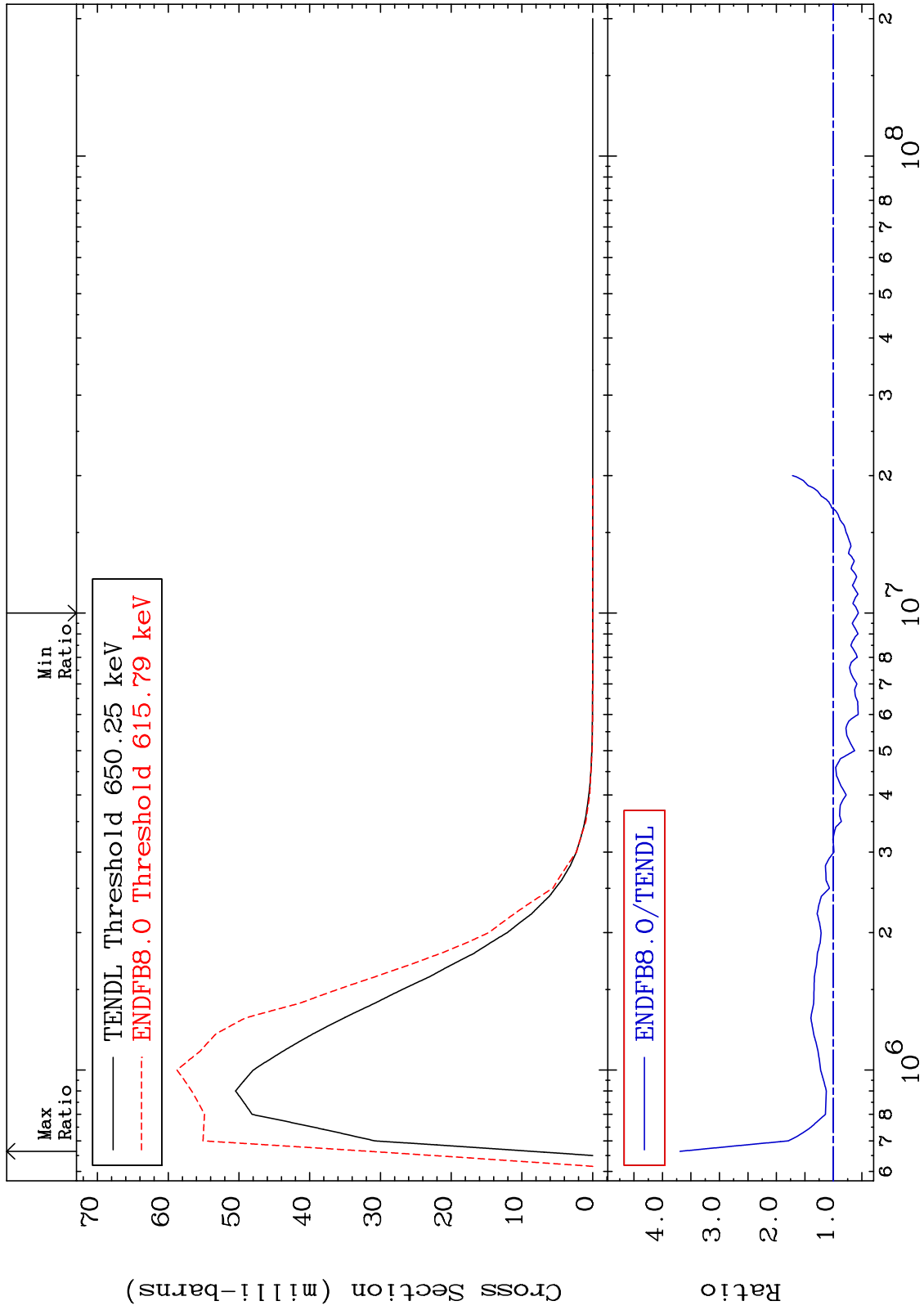
MAT 6646 MT= 71 (n,n') Level Cross Section 66-Dy-163 10.54 To 567.9 %



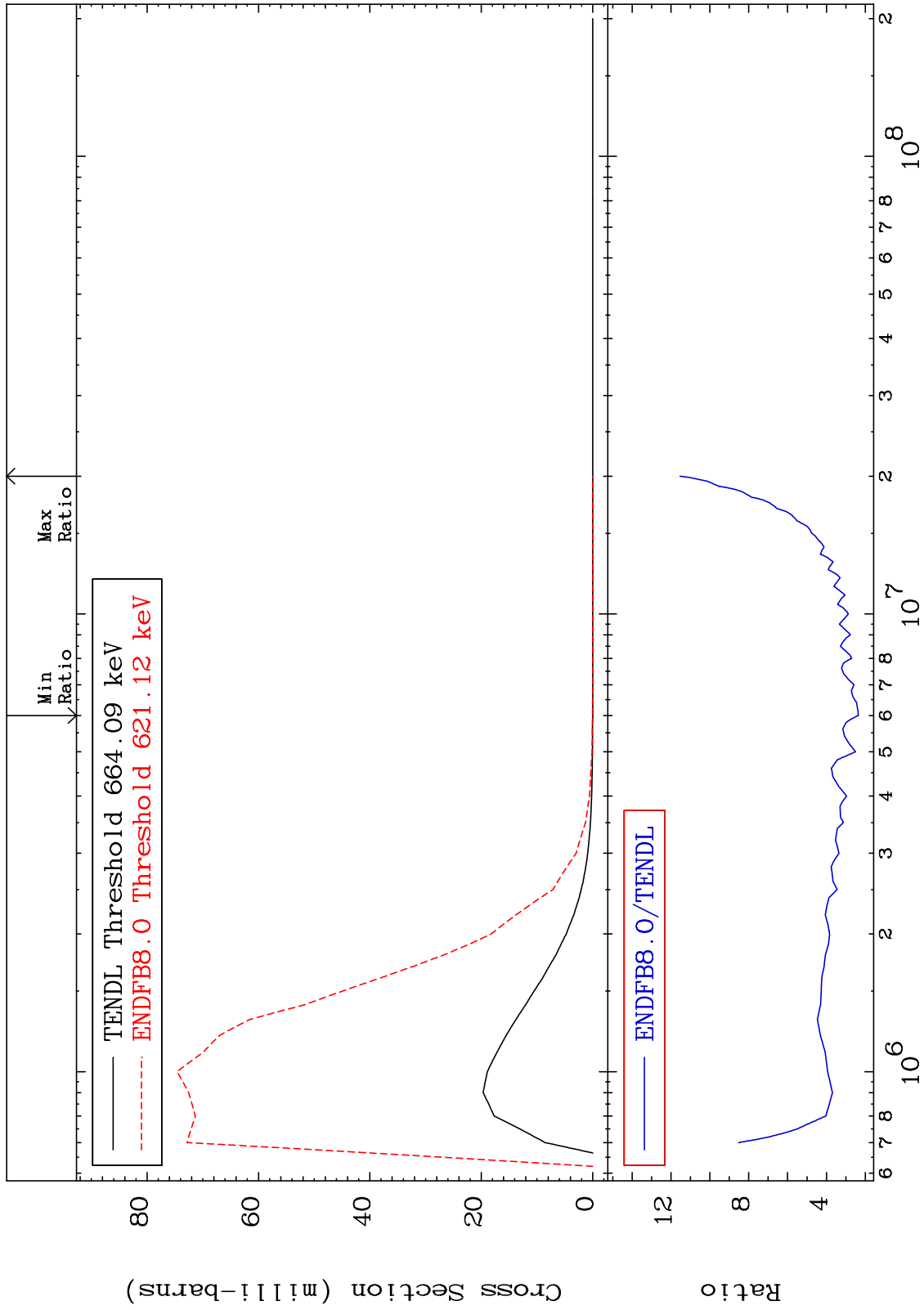
MAT 6646 MT= 72 (n,n') Level 66-Dy-163
 Cross Section -100.0 To 9999. %



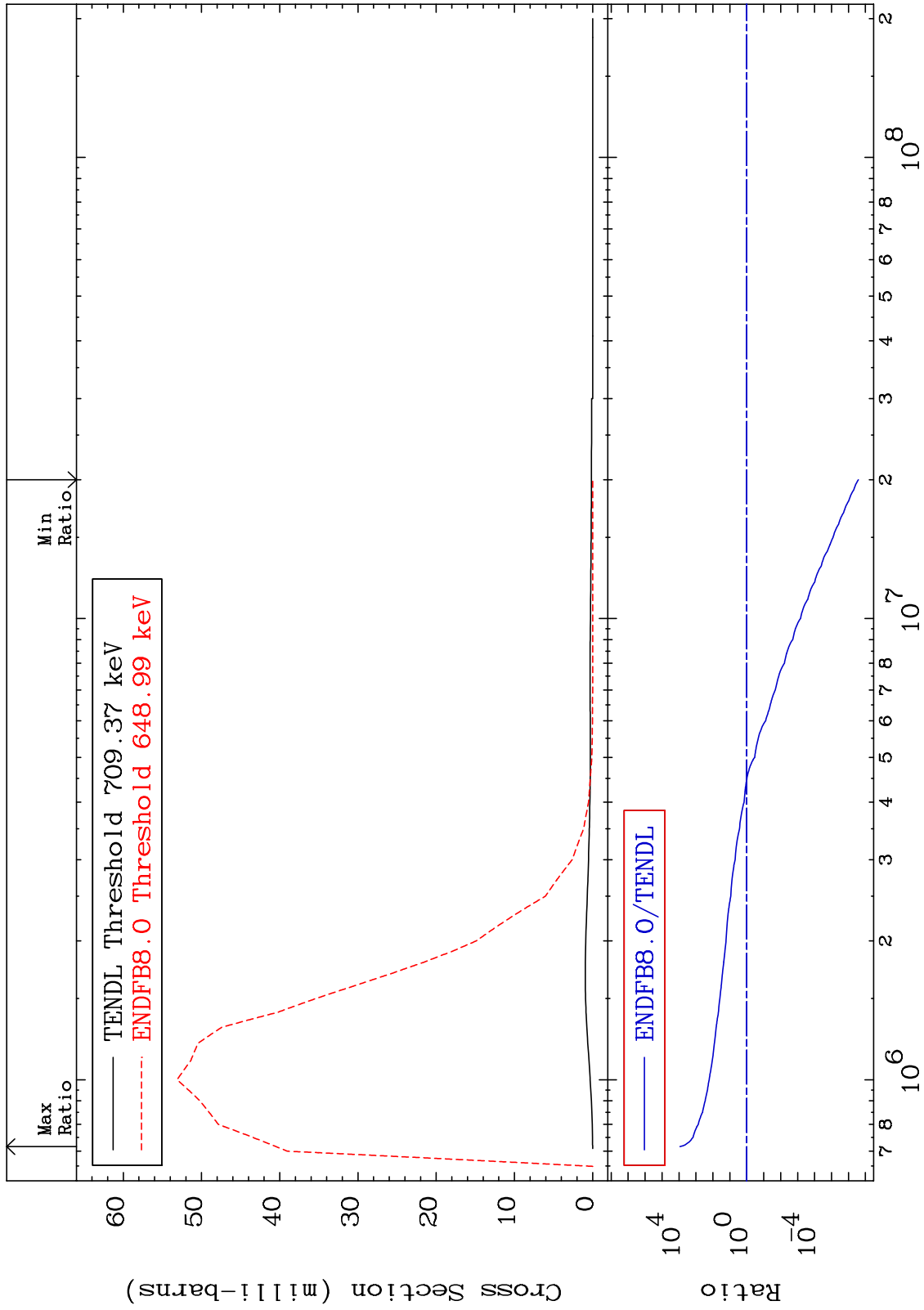
MAT 6646 MT= 73 (n,n') Level 66-Dy-163
 Cross Section -43.97 To 269.2 %



MAT 6646 MT= 74 (n,n') Level Cross Section 66-Dy-163
 135.4 To 1054. %



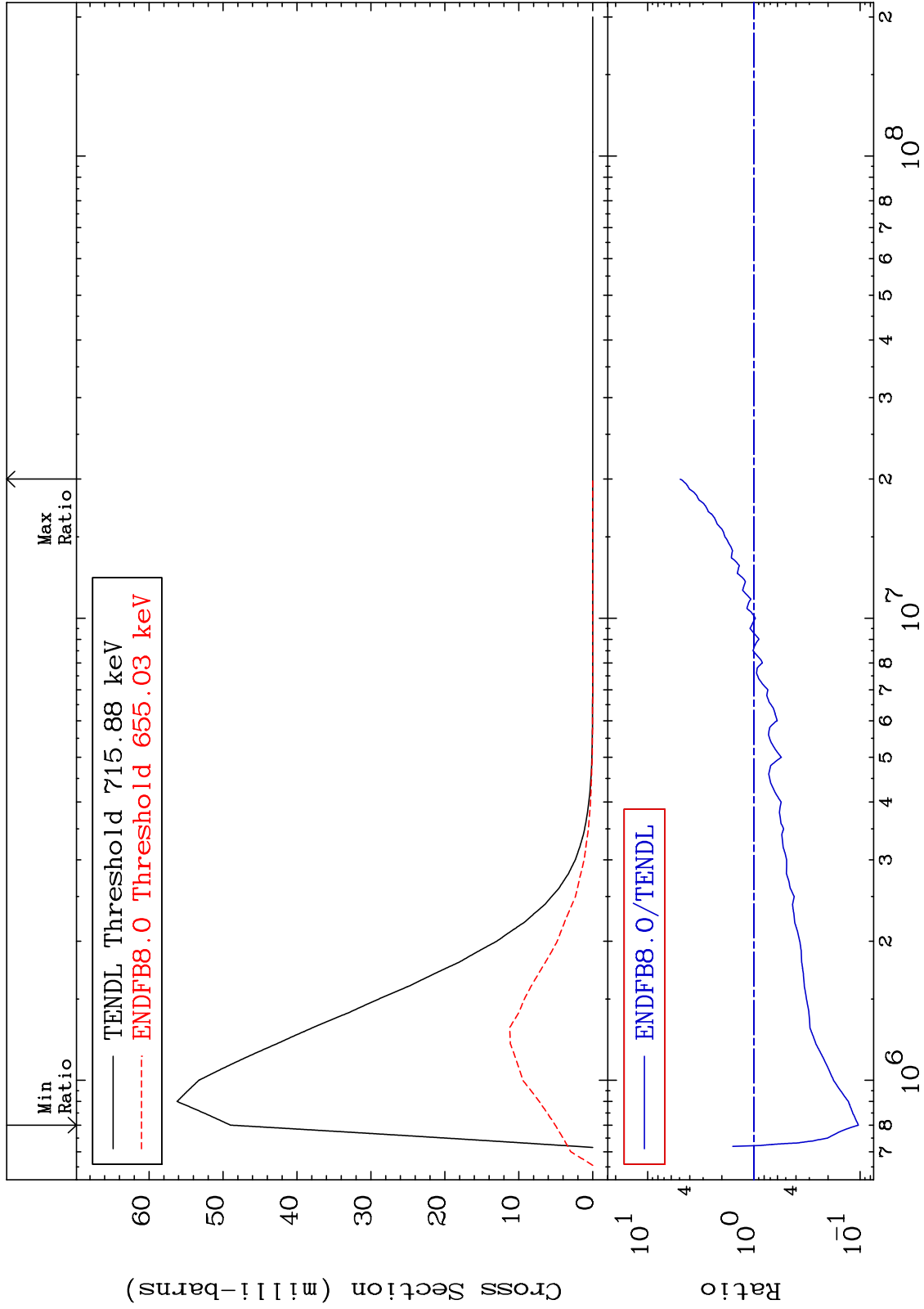
MAT 6646 MT= 75 (n,n') Level 66-Dy-163
 Cross Section -100.0 To 9999. %



MAT 6646

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

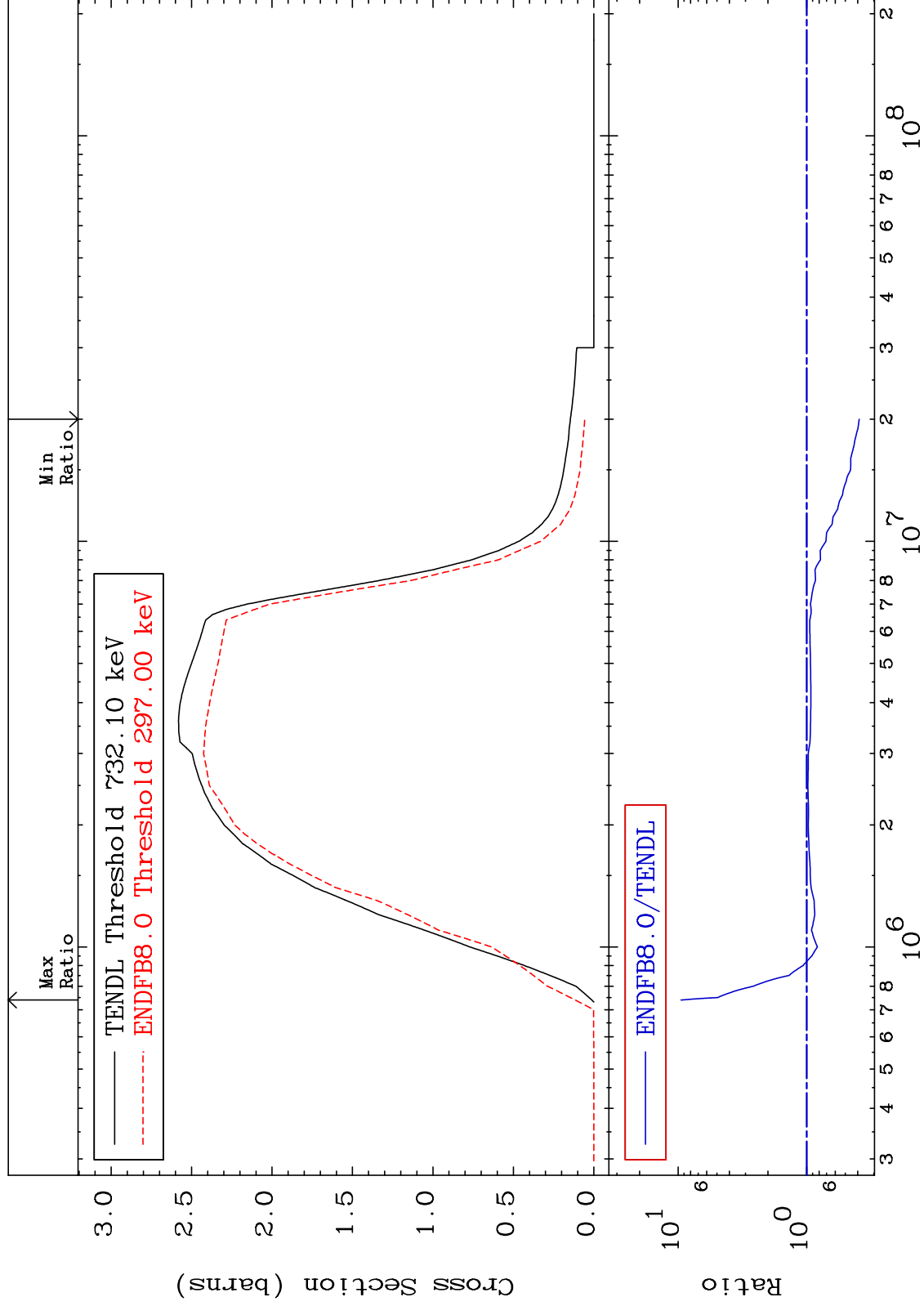
66-Dy-163
-89.65 To 395.2 %



MAT 6646

(n, n') Continuum
Cross Section

66-Dy-163
-61.05 To 850.3 %



36

Incident Energy (eV)

66-Dy-163

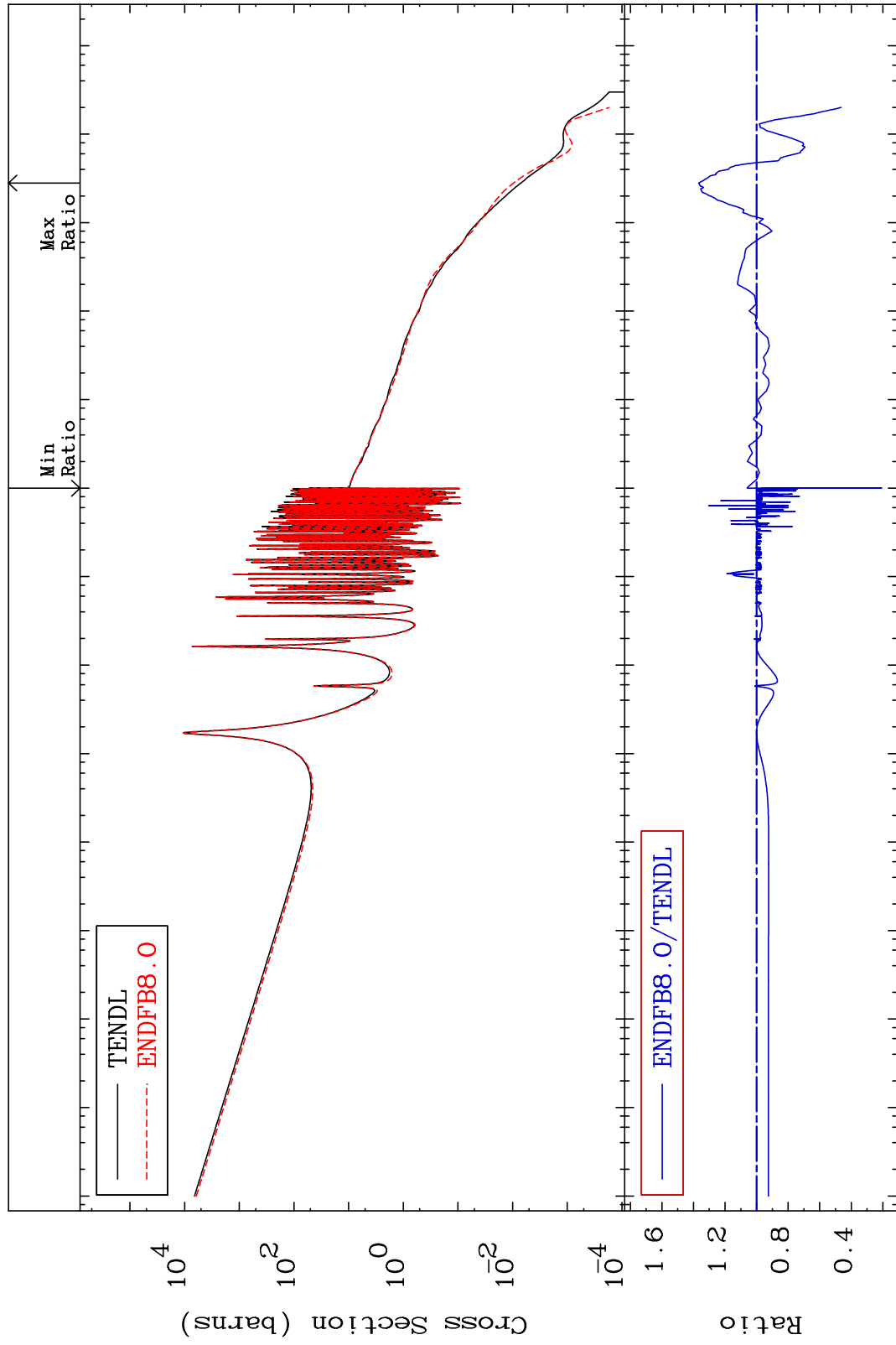
MAT 6646

(n, γ)

66-Dy-163

Cross Section

-79.22 To 36.67 %



37

Incident Energy (eV)

66-Dy-163

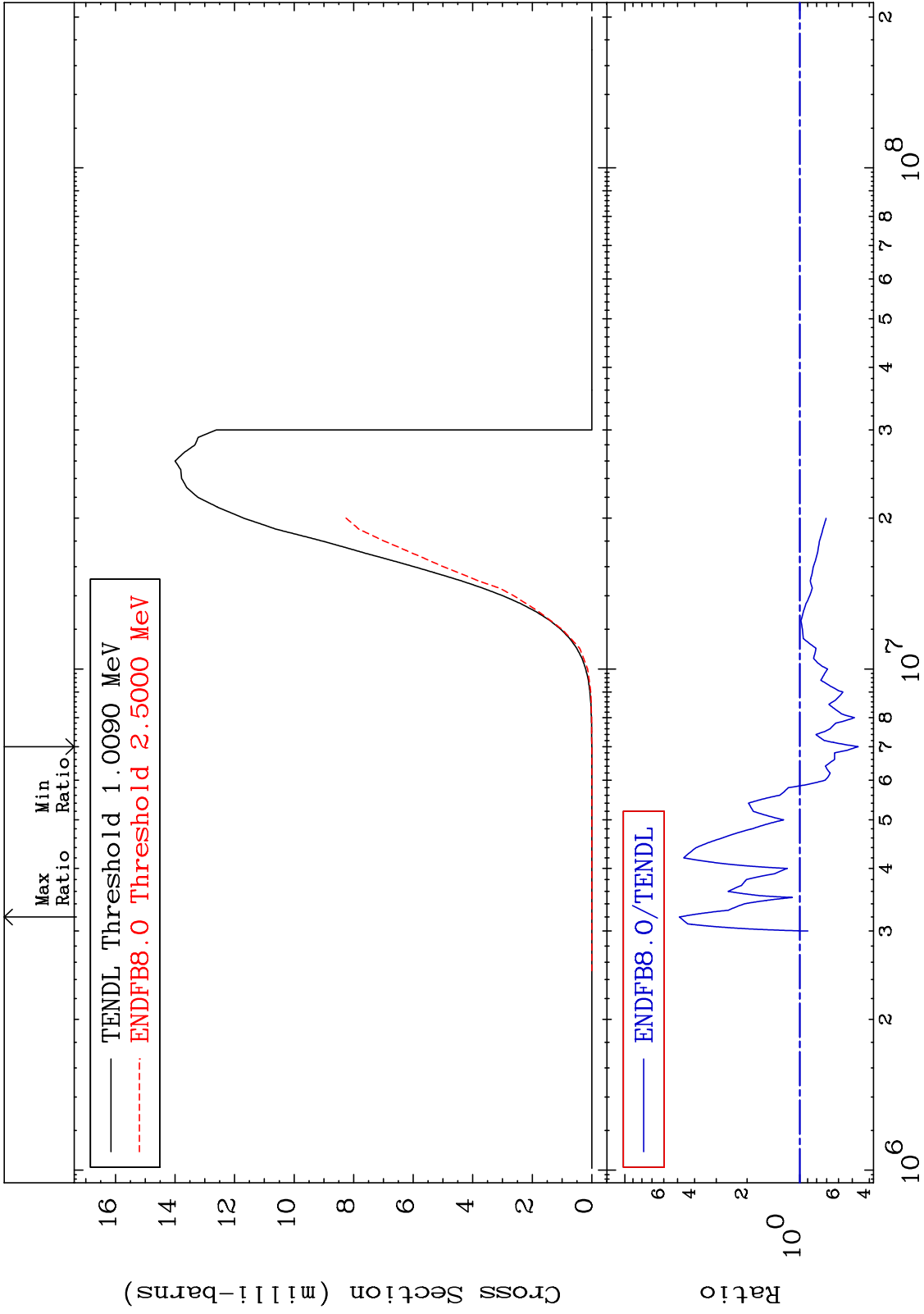
MAT 6646

(n, p)

66-Dy-163

Cross Section

-53.74 To 388.3 %



38

66-Dy-163

66-Dy-163

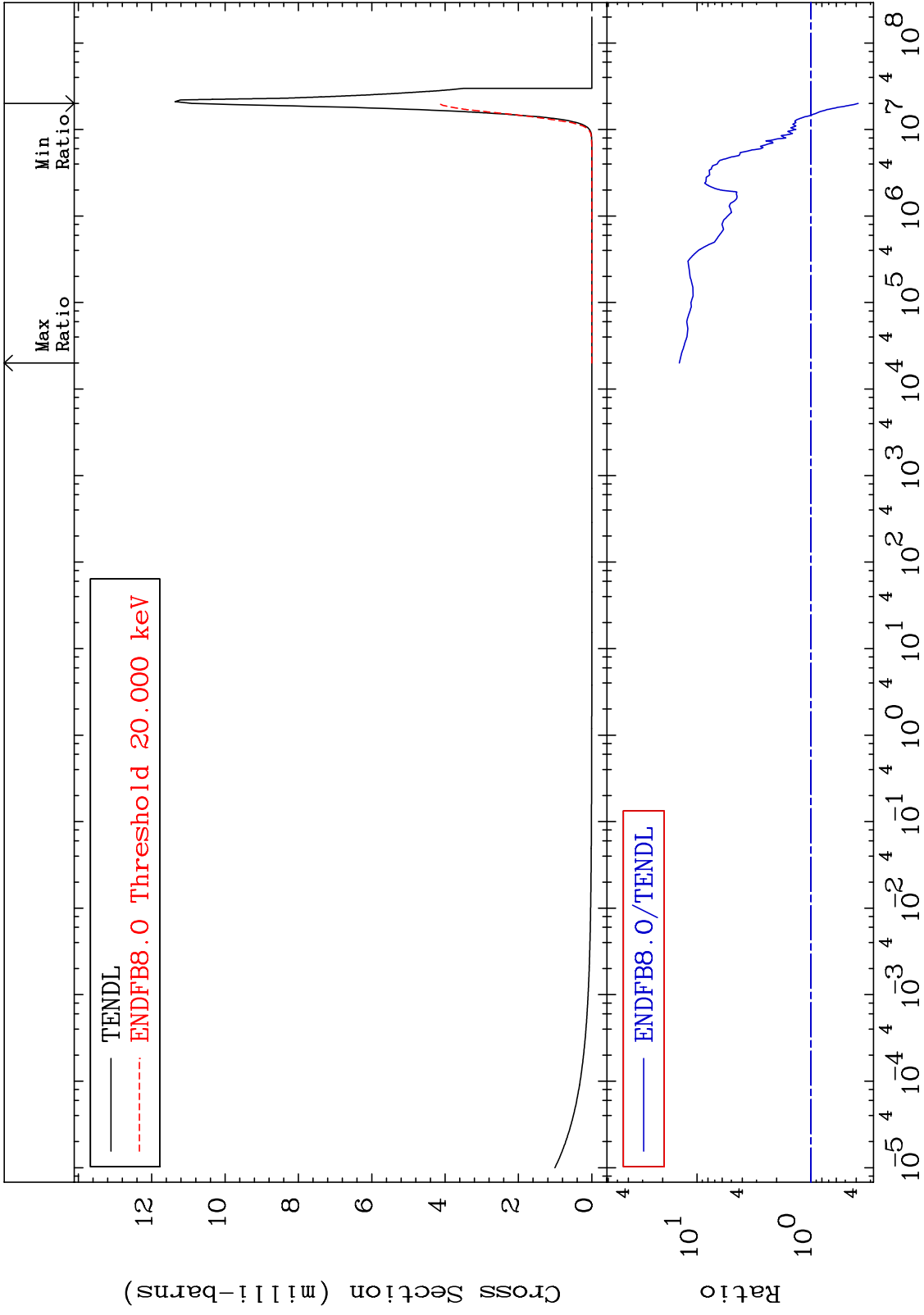
MAT 6646

(n, α)

66-Dy-163

Cross Section

-61.55 To 1327. %



39

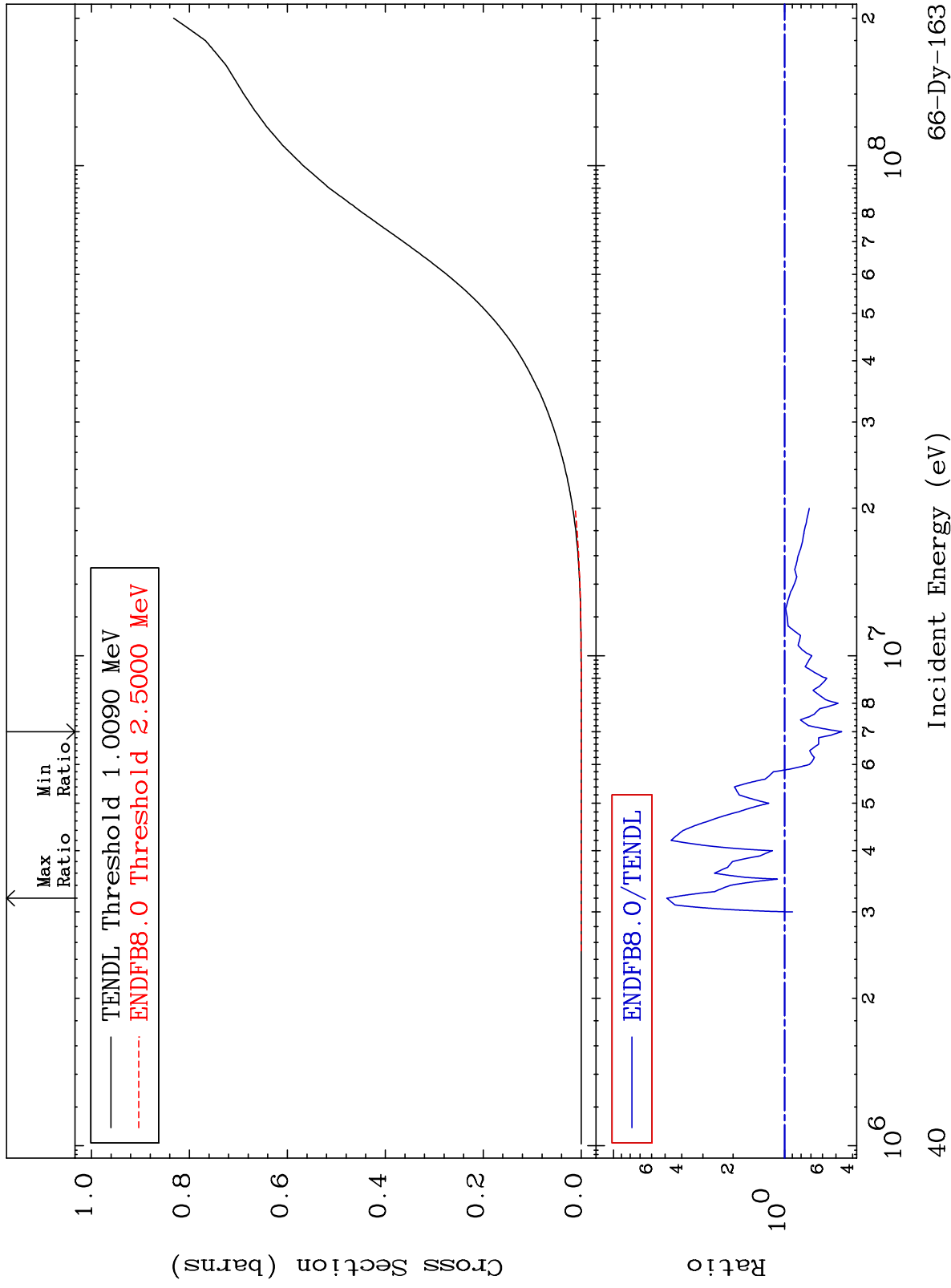
Incident Energy (eV)

66-Dy-163

MAT 6646

Hydrogen Production Cross Section

66-Dy-163
-53.74 To 388.3 %



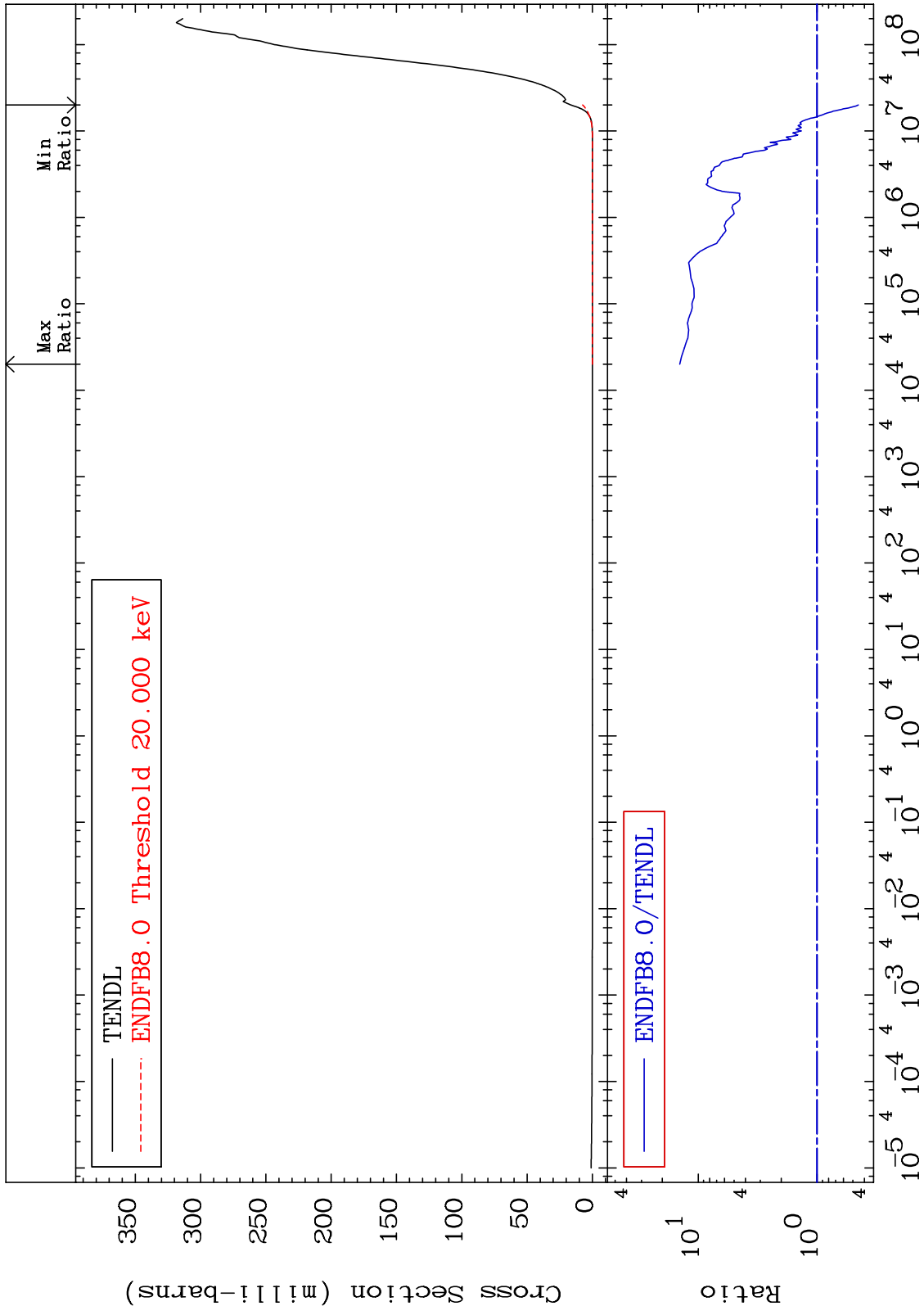
Incident Energy (eV)

66-Dy-163

MAT 6646

He-4 Production
Cross Section

66-Dy-163
-54.96 To 1327. %



41

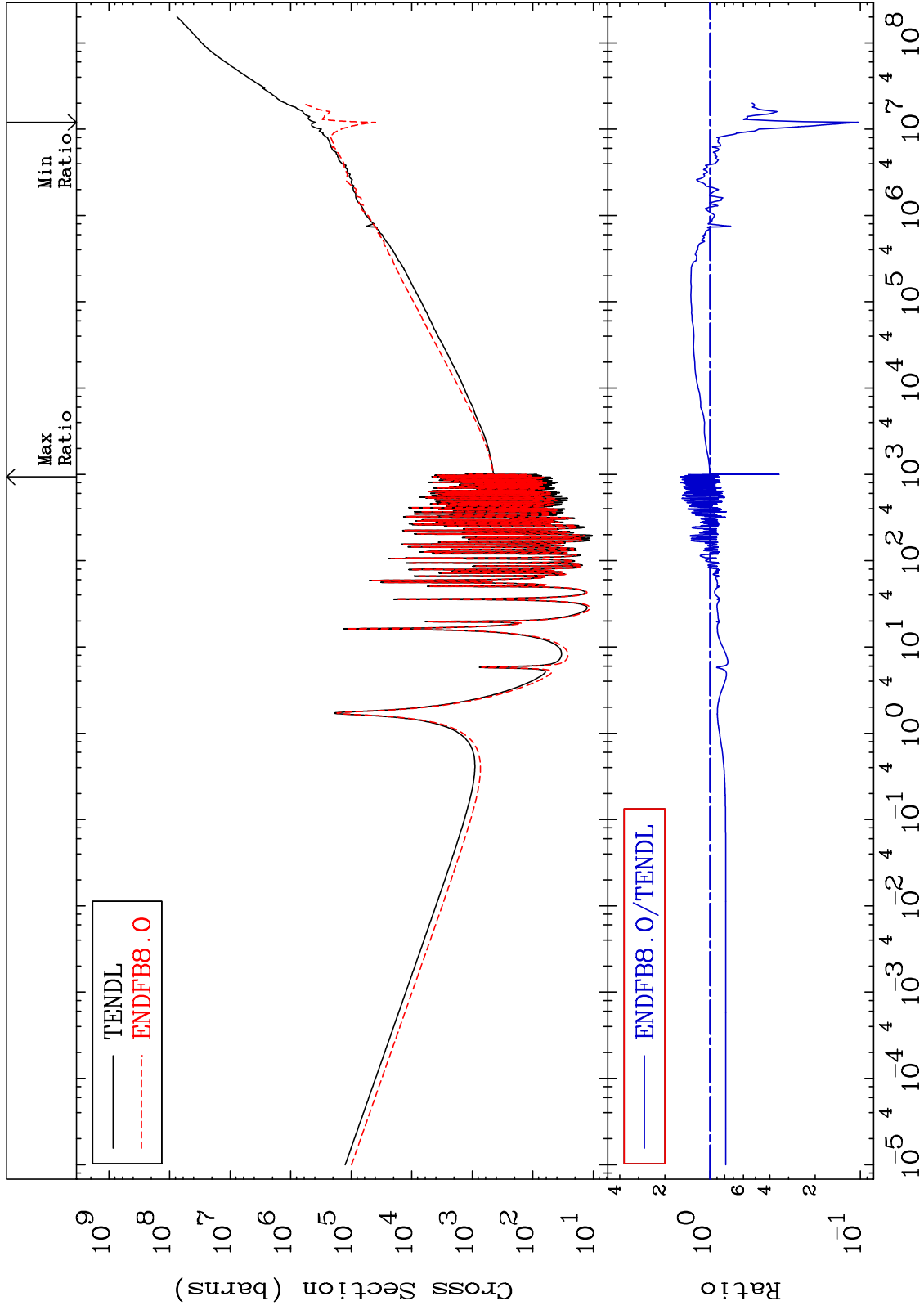
Incident Energy (eV)

66-Dy-163

MAT 6646

Kerma total (eV-barns)
Cross Section

66-Dy-163
-89.71 To 58.67 %



42

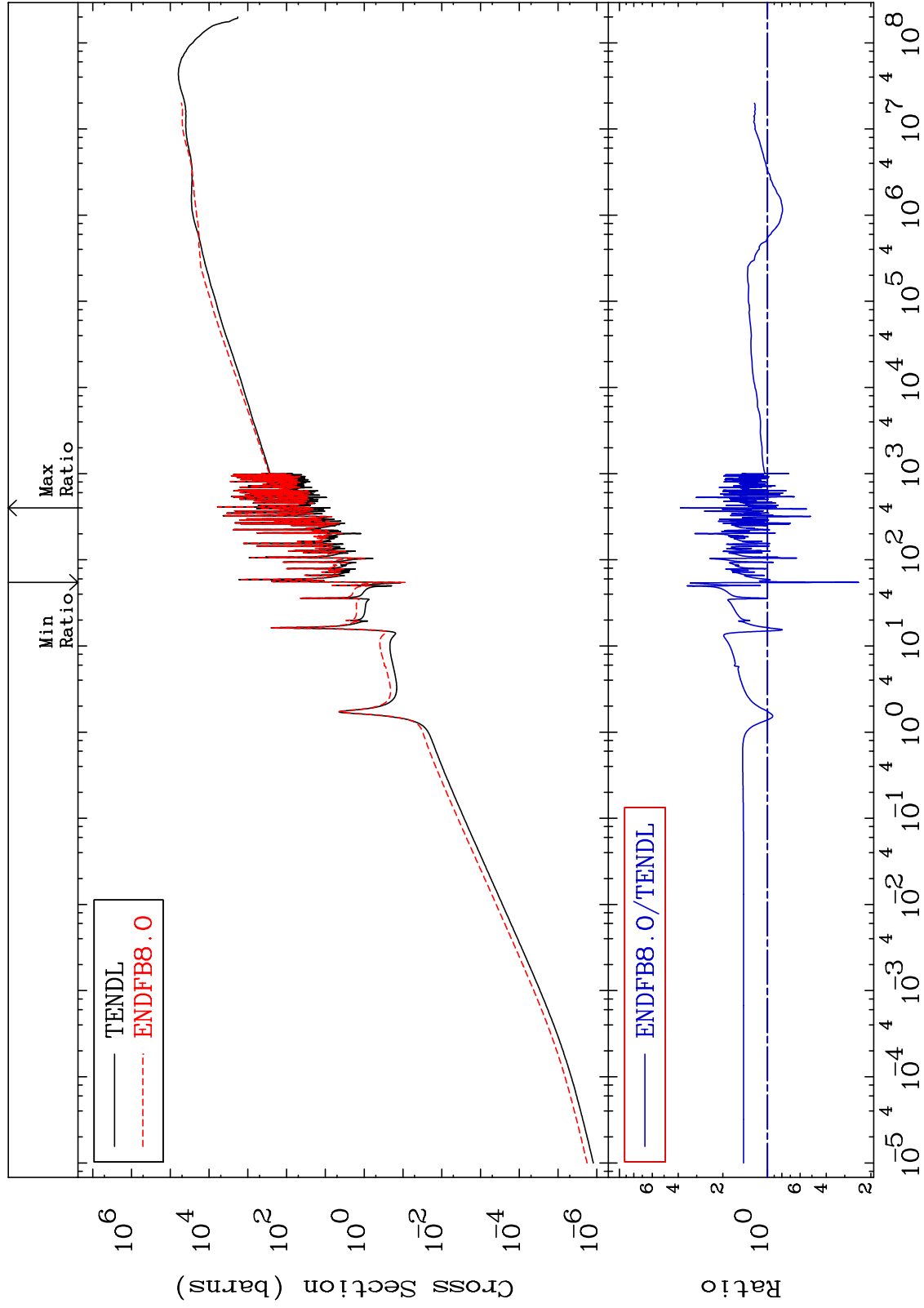
Incident Energy (eV)

66-Dy-163

MAT 6646

Kerma elastic
Cross Section

66-Dy-163
-75.78 To 286.8 %



43

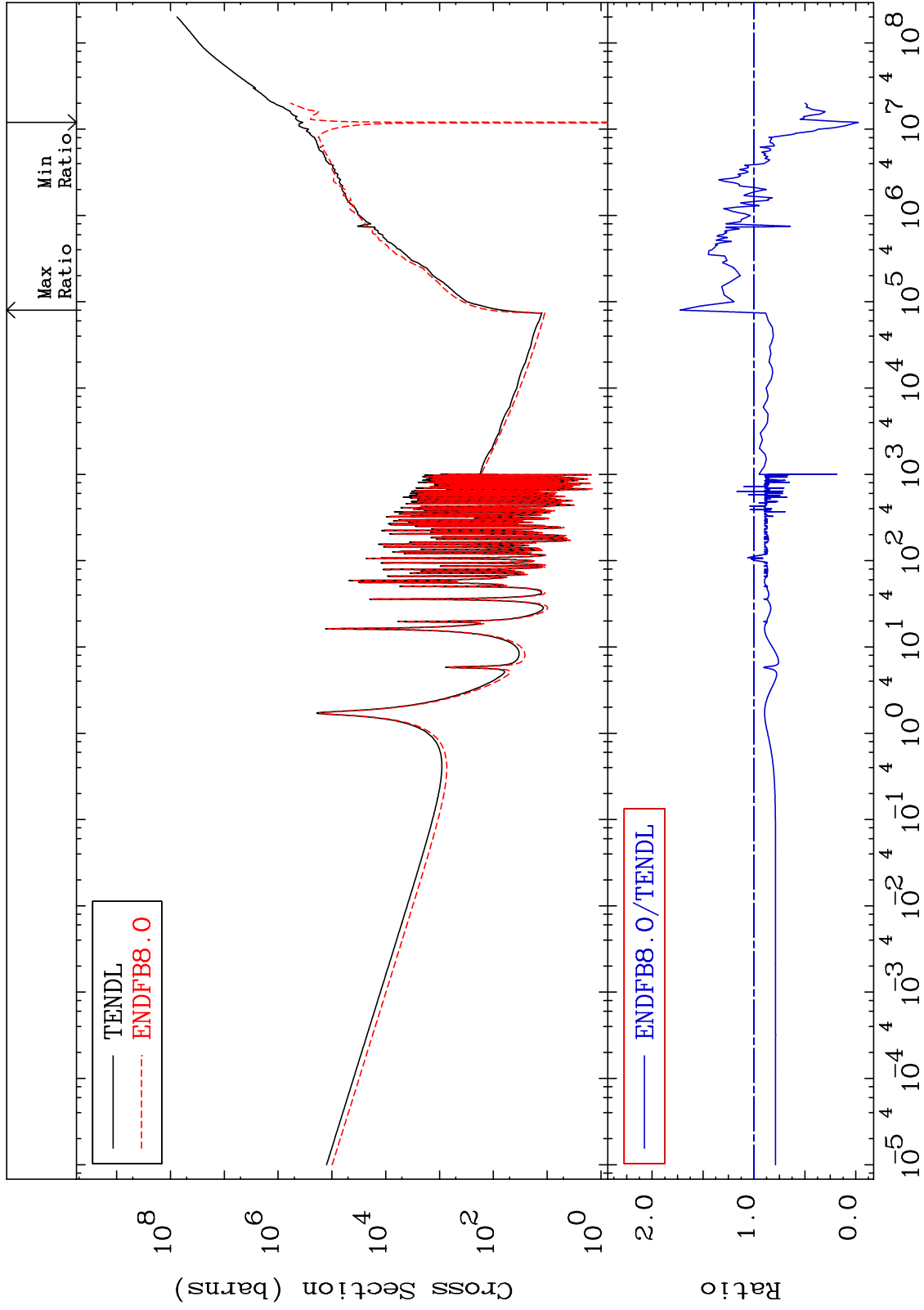
Incident Energy (eV)

66-Dy-163

MAT 6646

Kerma non-elastic (all but mt2)
Cross Section

66-Dy-163
-102.6 To 72.60 %



44

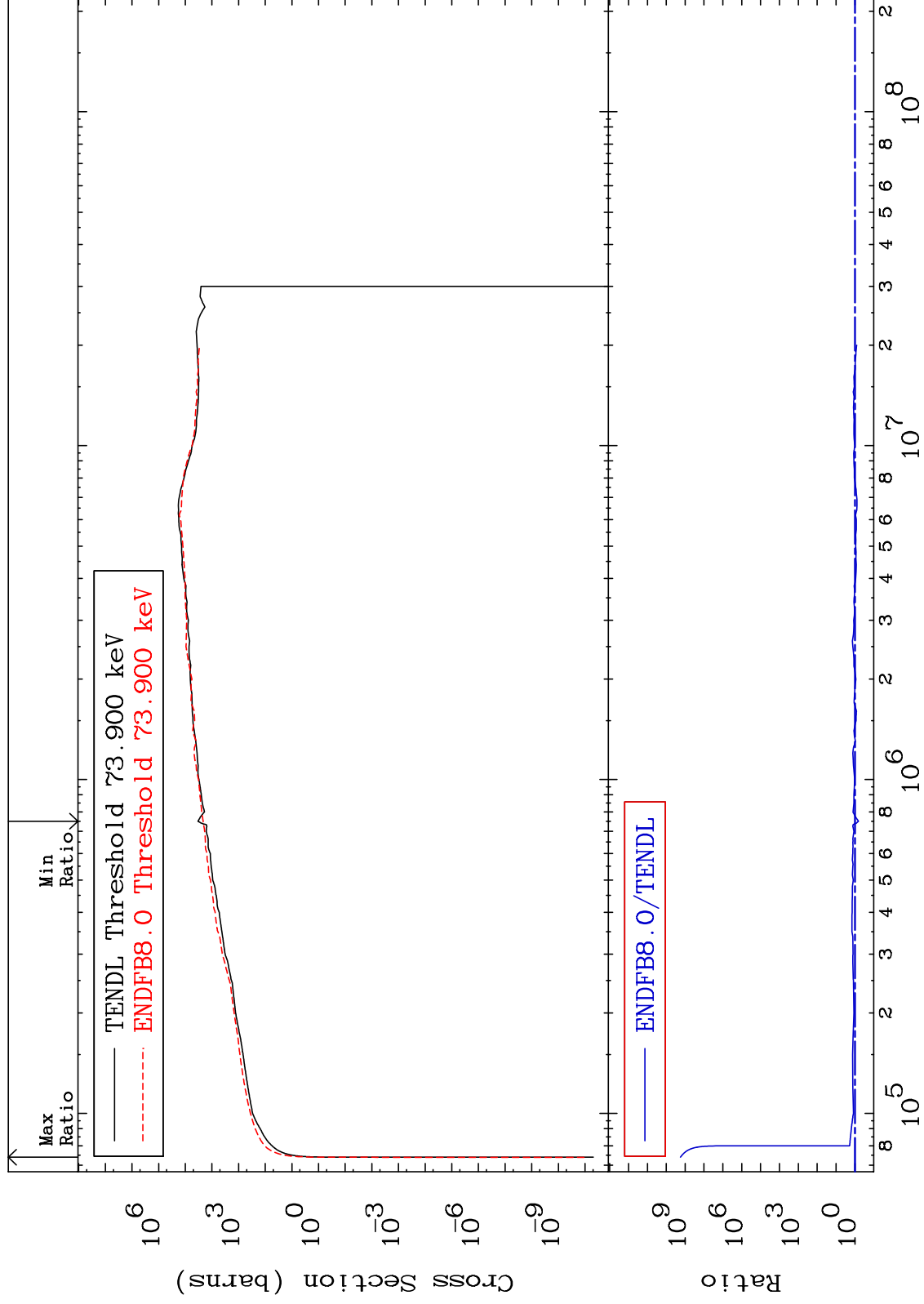
Incident Energy (eV)

66-Dy-163

MAT 6646

Kerma inelastic (mt51-91)
Cross Section

66-Dy-163
-35.69 To 9999. %



45

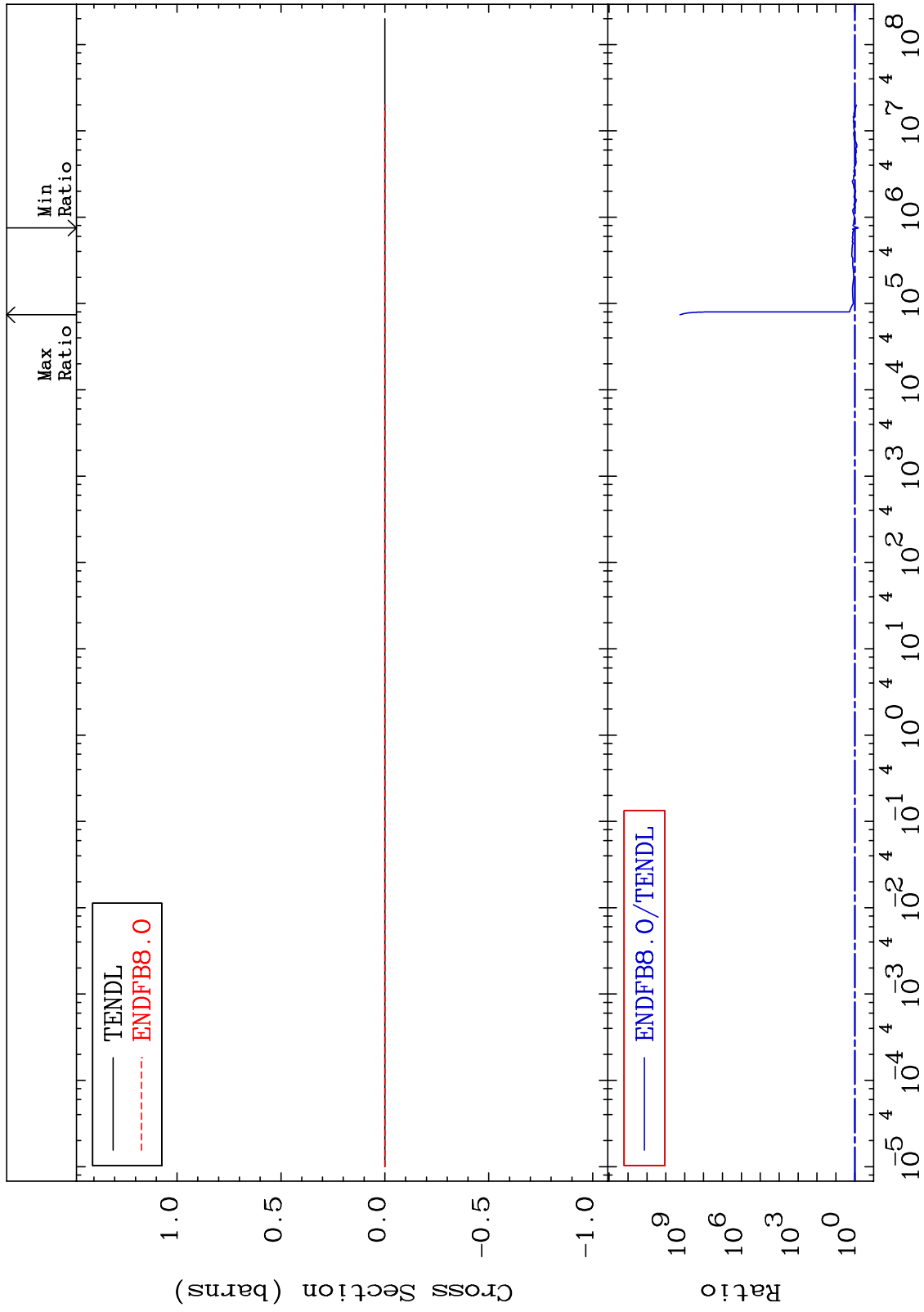
Incident Energy (eV)

66-Dy-163

MAT 6646

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

66-Dy-163
-35.69 To 9999. %



46

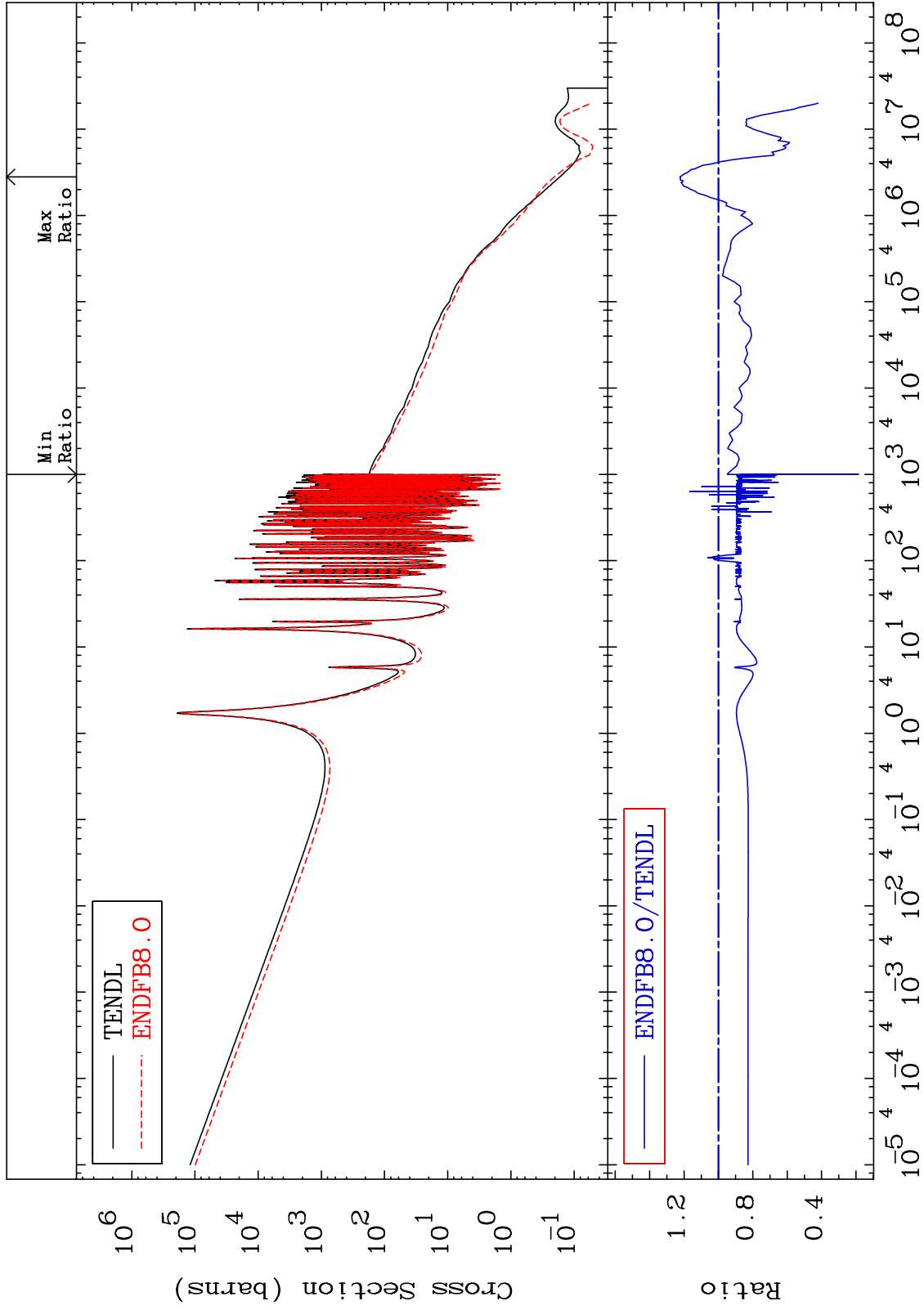
Incident Energy (eV)

66-Dy-163

MAT 6646

Kerma capture (mt102)
Cross Section

66-Dy-163
-81.40 To 22.34 %



47

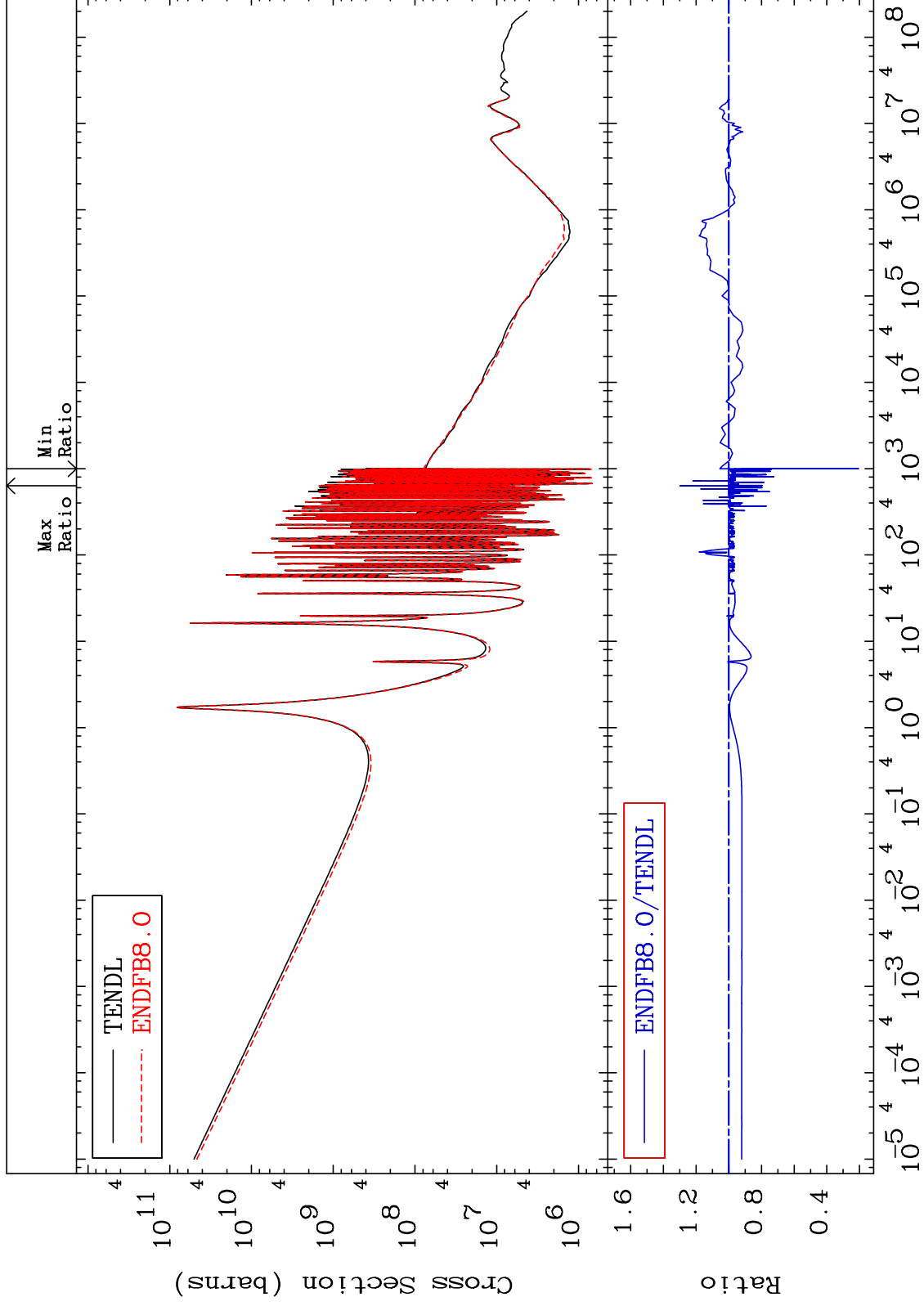
Incident Energy (eV)

66-Dy-163

MAT 6646

Total photon (eV-barns)
Cross Section

66-Dy-163
-79.32 To 29.83 %



48

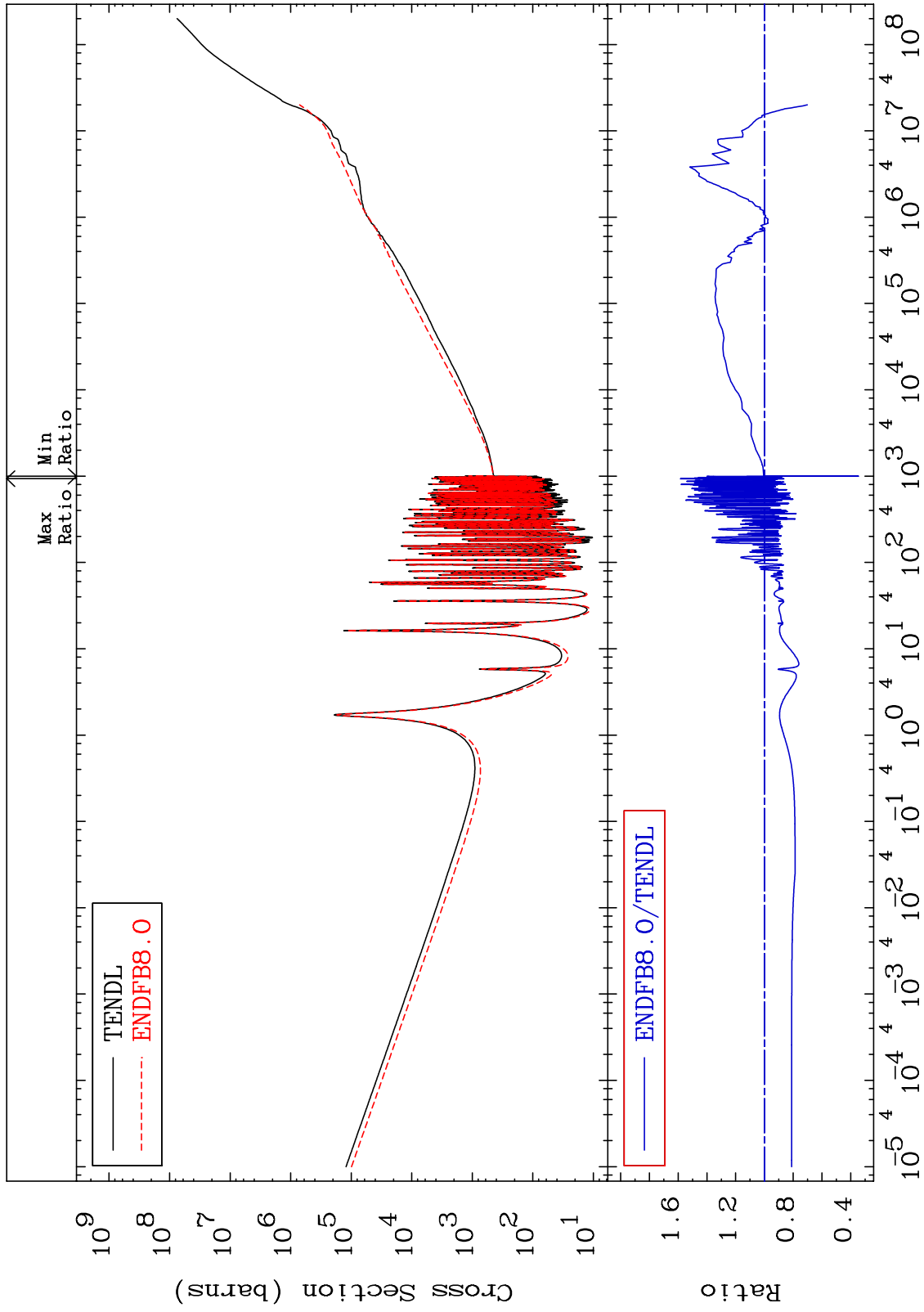
Incident Energy (eV)

66-Dy-163

MAT 6646

Total kinematic kerma (high limit)
Cross Section

66-Dy-163
-65.26 To 58.67 %



49

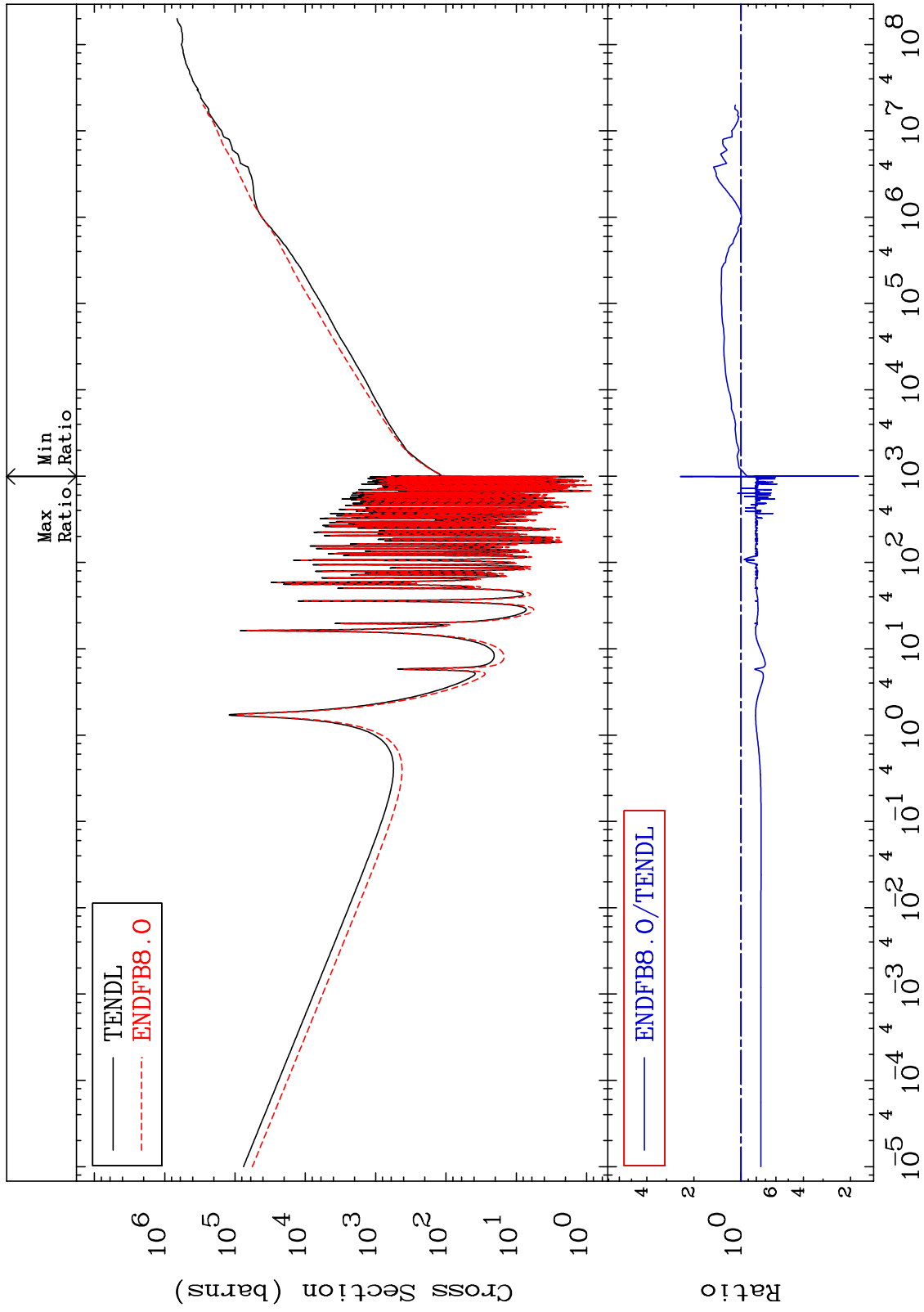
Incident Energy (eV)

66-Dy-163

MAT 6646

Dpa total (eV-barns)
Cross Section

66-Dy-163
-82.16 To 145.5 %



50

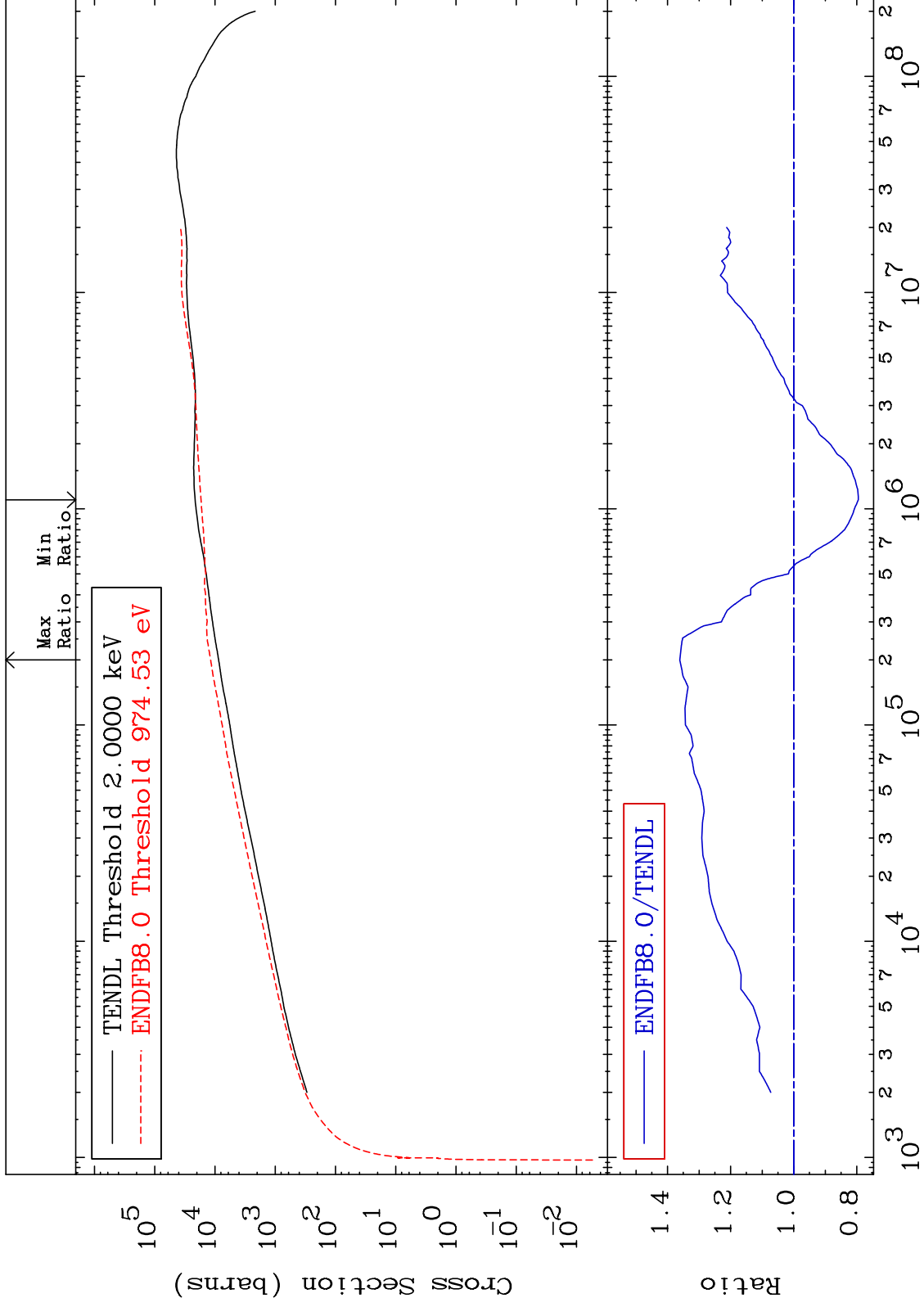
Incident Energy (eV)

66-Dy-163

MAT 6646

Dpa elastic (mt2)
Cross Section

66-Dy-163
-20.48 To 36.12 %



51

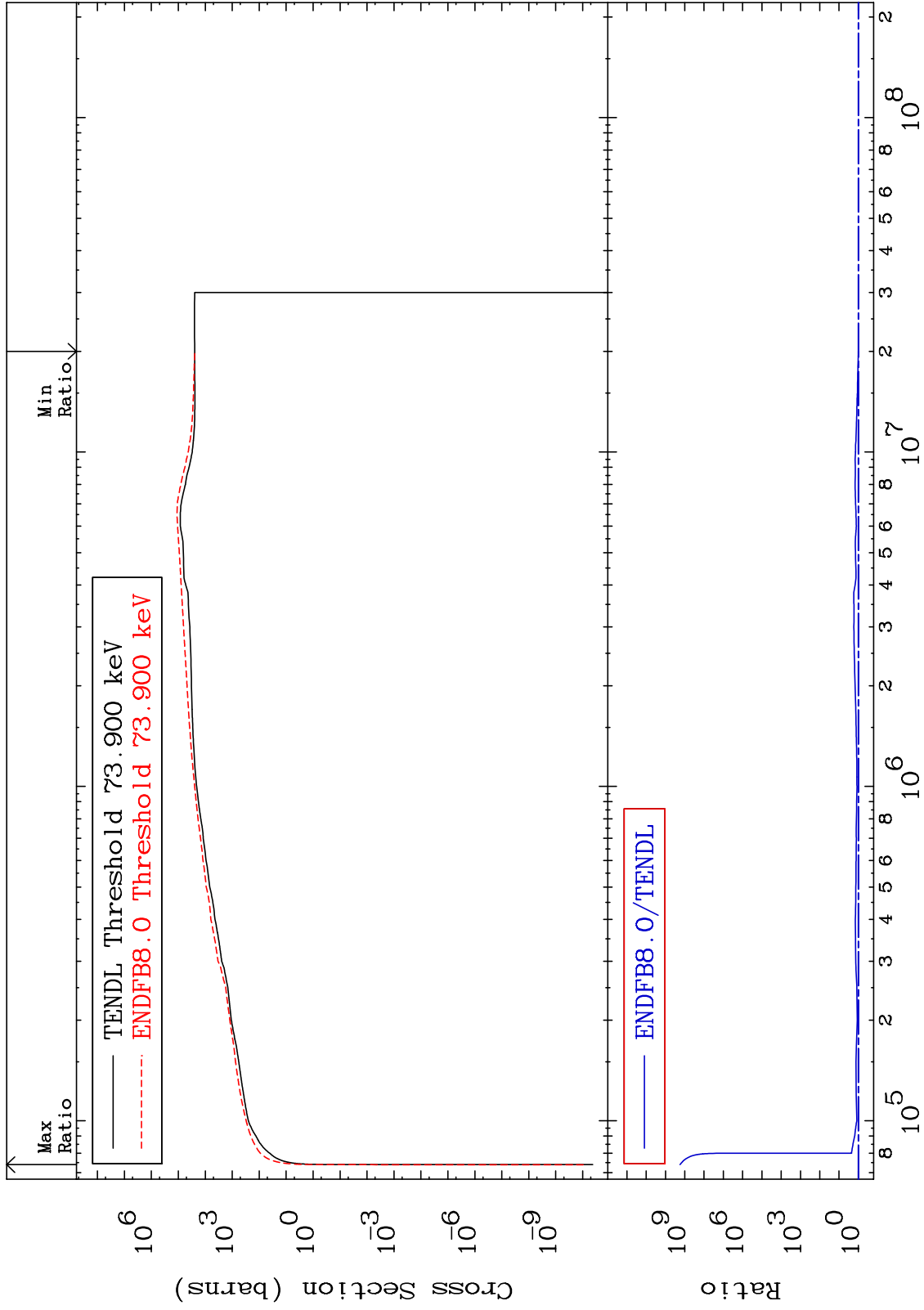
Incident Energy (eV)

66-Dy-163

MAT 6646

Dpa inelastic (mt51-91)
Cross Section

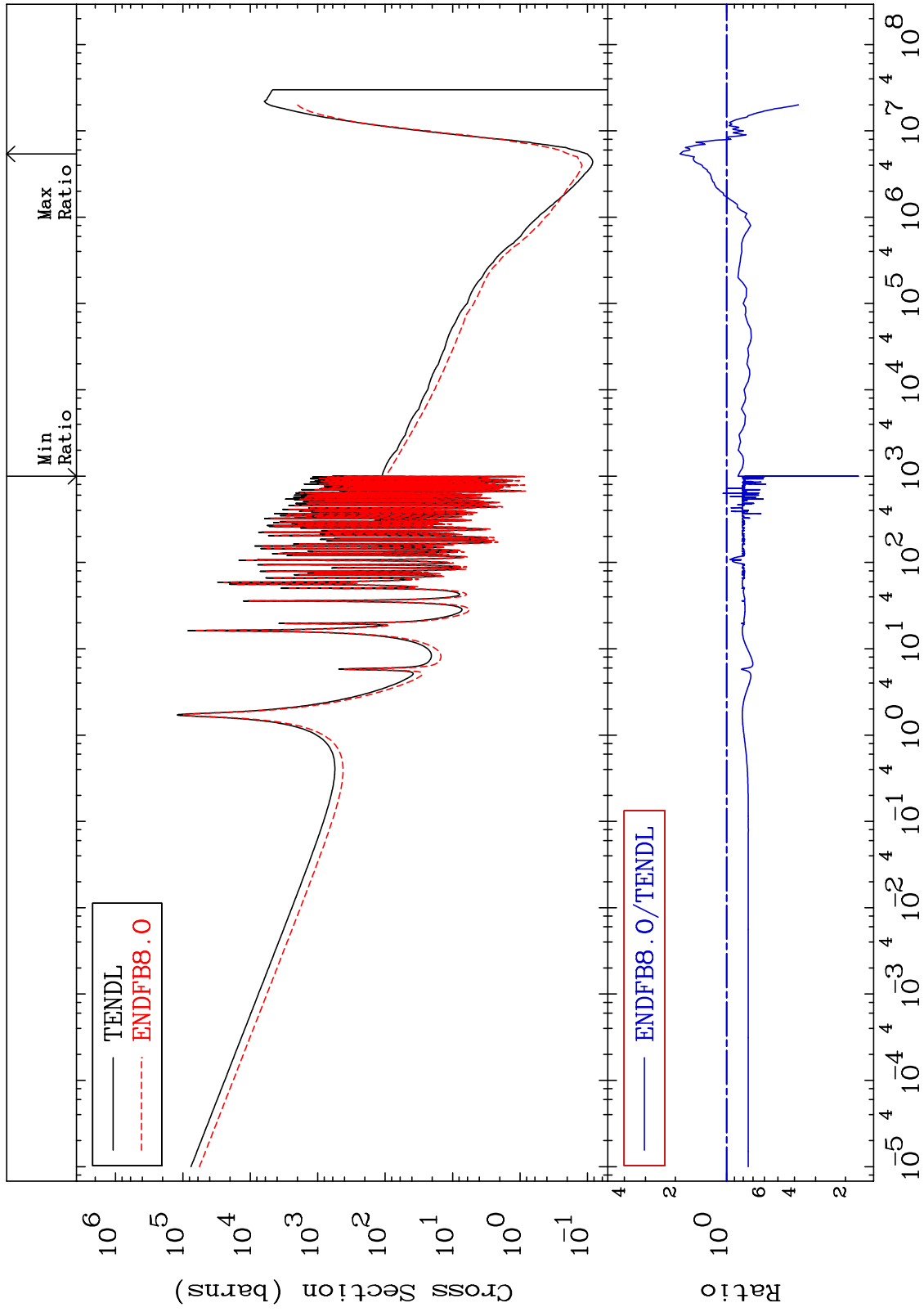
66-Dy-163
-1.154 To 9999. %



MAT 6646

Dpa disappearance (mt102 -120)
Cross Section

66-Dy-163
-83.19 To 88.03 %



53

Incident Energy (eV)

66-Dy-163