

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

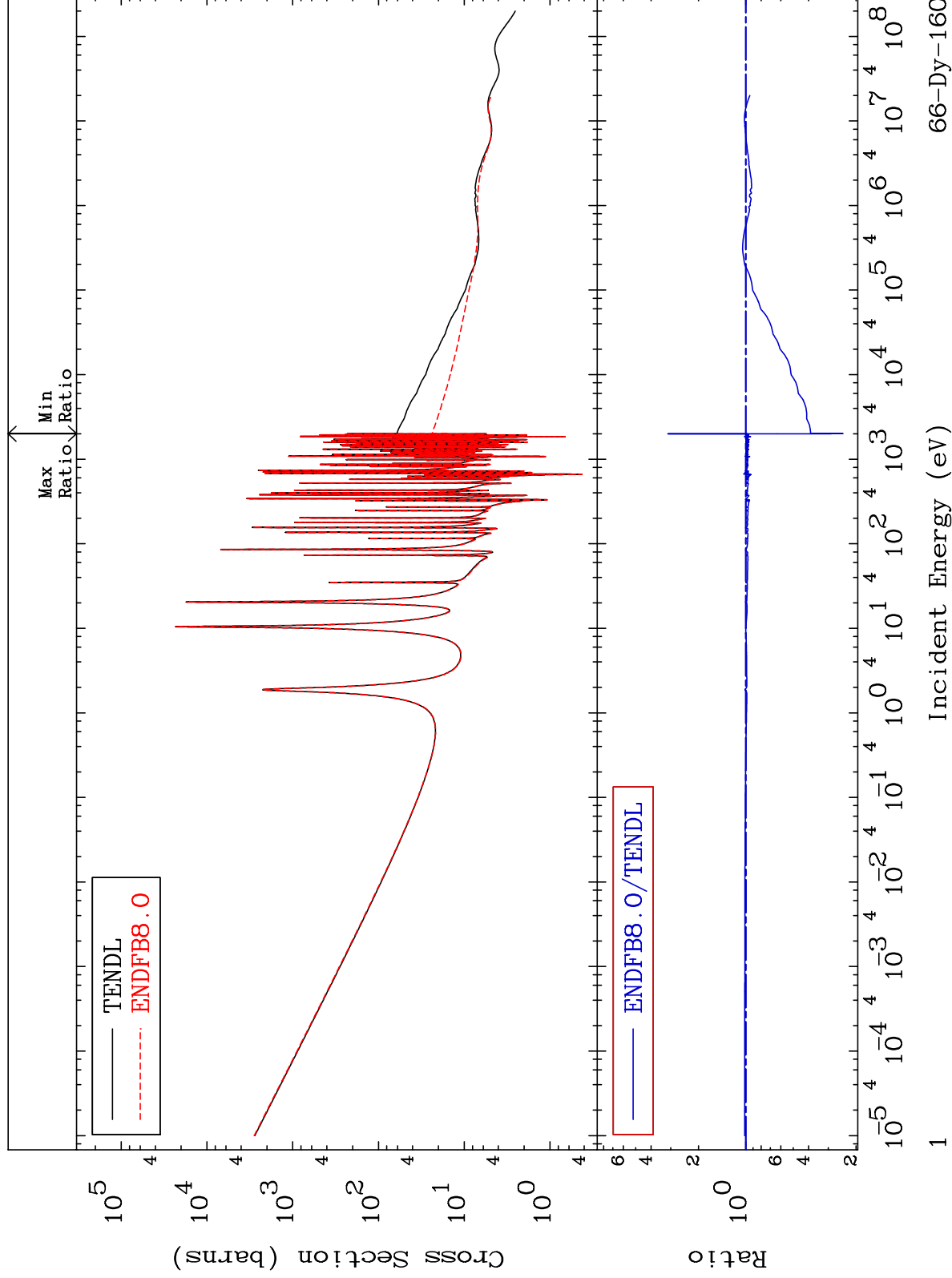
MAT 6637

Total

66-Dy-160

Cross Section

-75.77 To 211.9 %



66-Dy-160

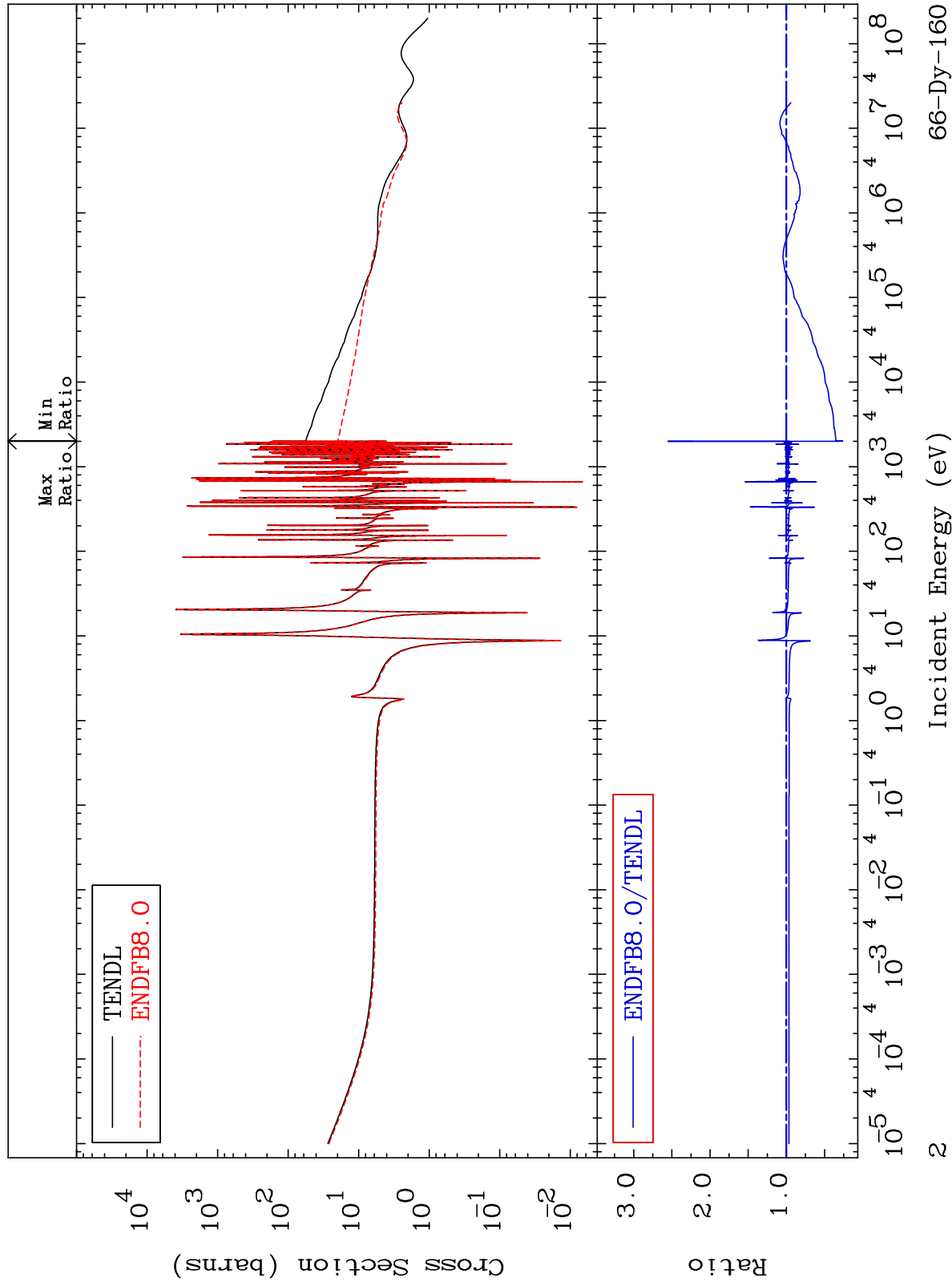
MAT 6637

Elastic

66-Dy-160

Cross Section

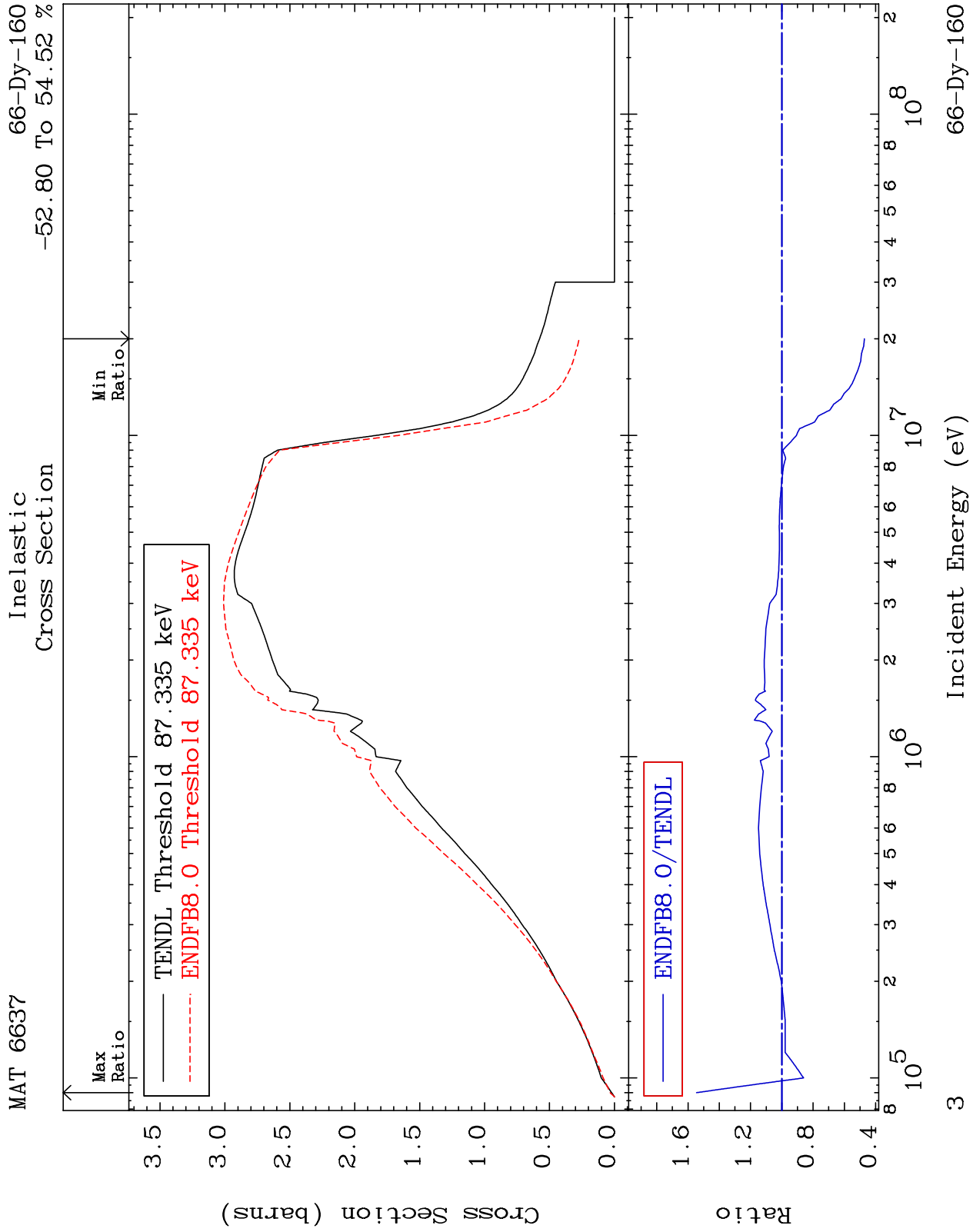
-73.91 To 155.0 %



66-Dy-160

Incident Energy (eV)

2



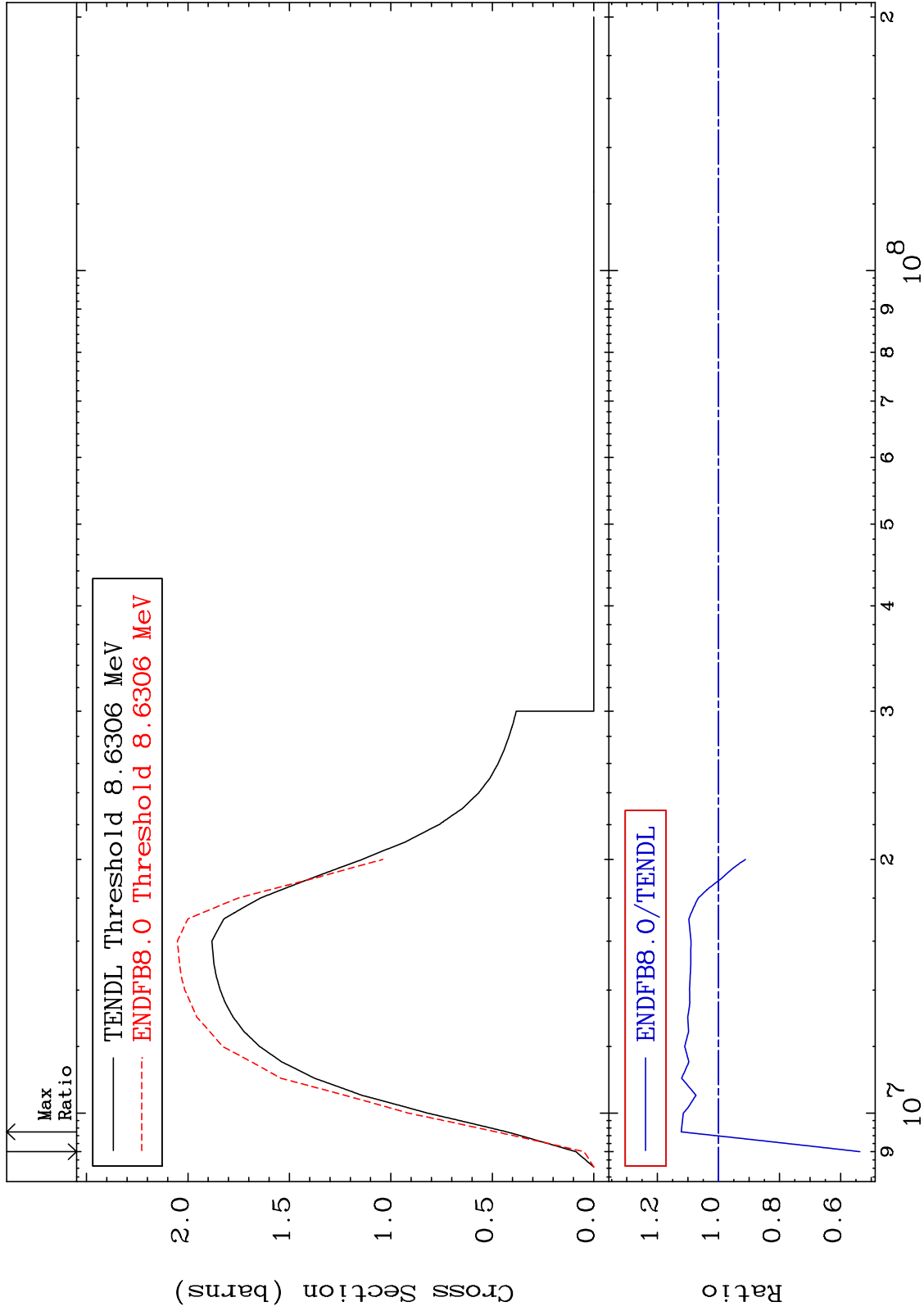
MAT 6637

(n,2n)

66-Dy-160

Cross Section

-46.31 To 12.20 %



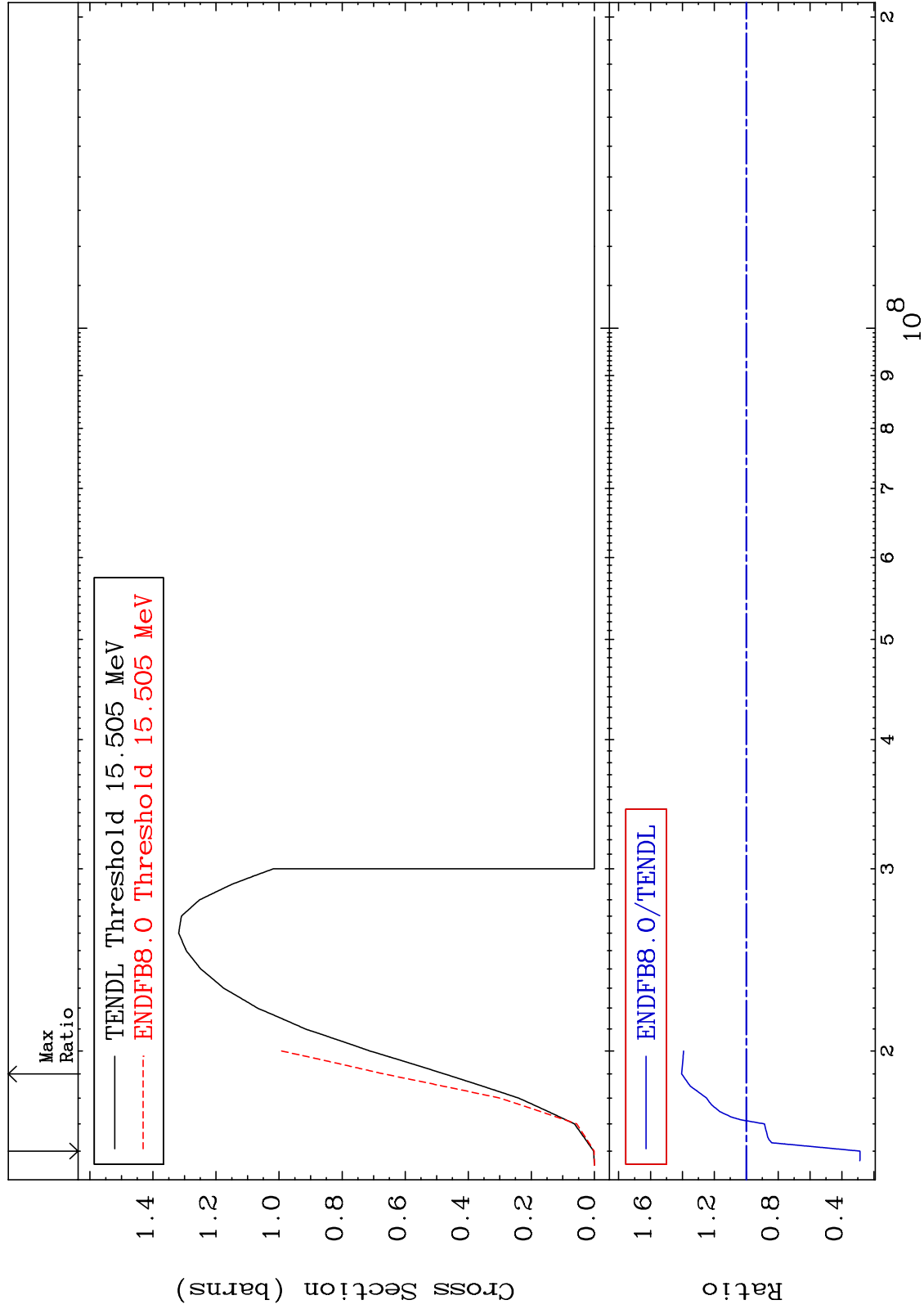
MAT 6637

(n, 3n)

66-Dy-160

Cross Section

-71.33 To 40.50 %



5

Incident Energy (eV)

66-Dy-160

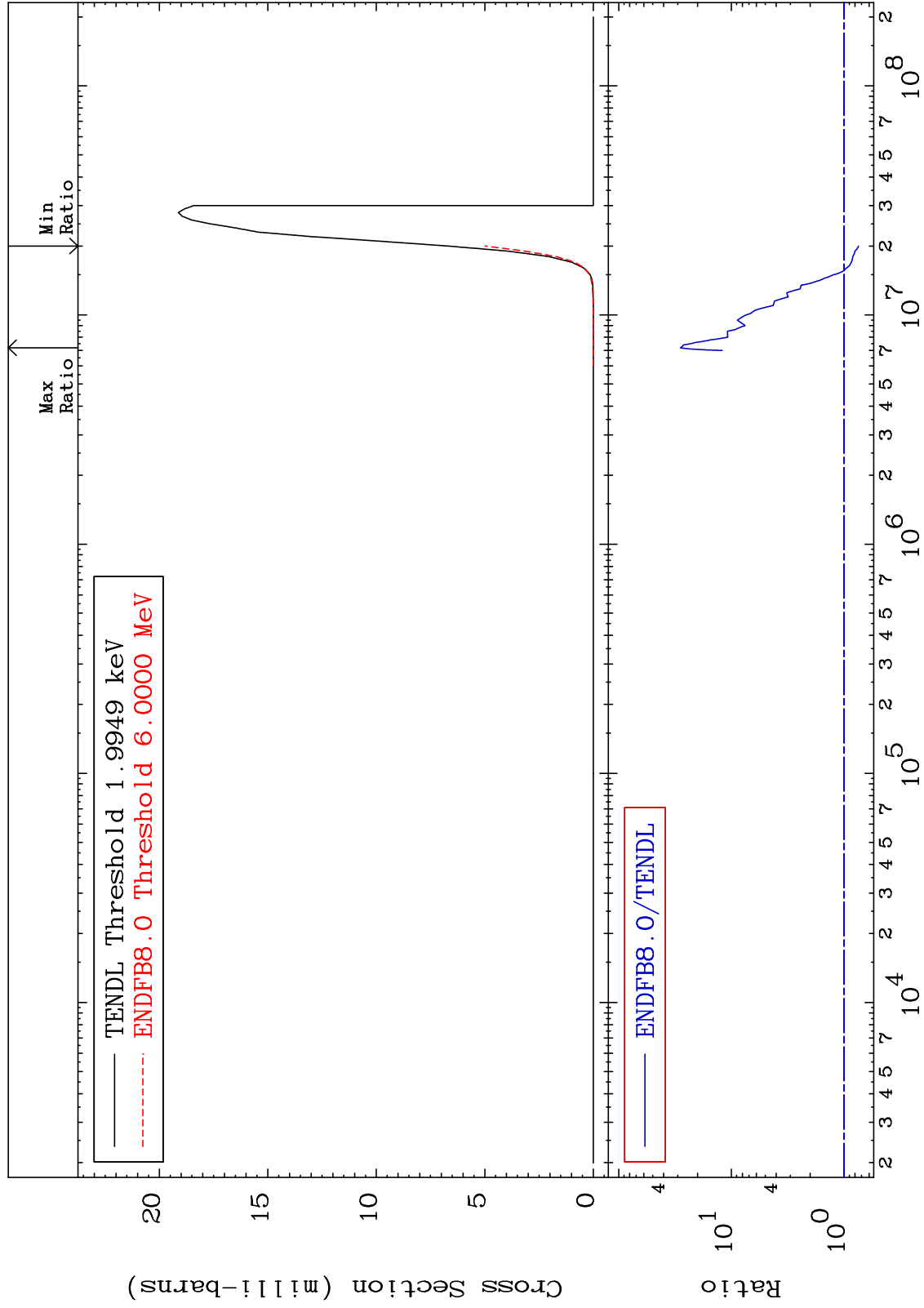
MAT 6637

(n, n') α

Cross Section

66-Dy-160

-25.52 To 2735. %



6

Incident Energy (eV)

66-Dy-160

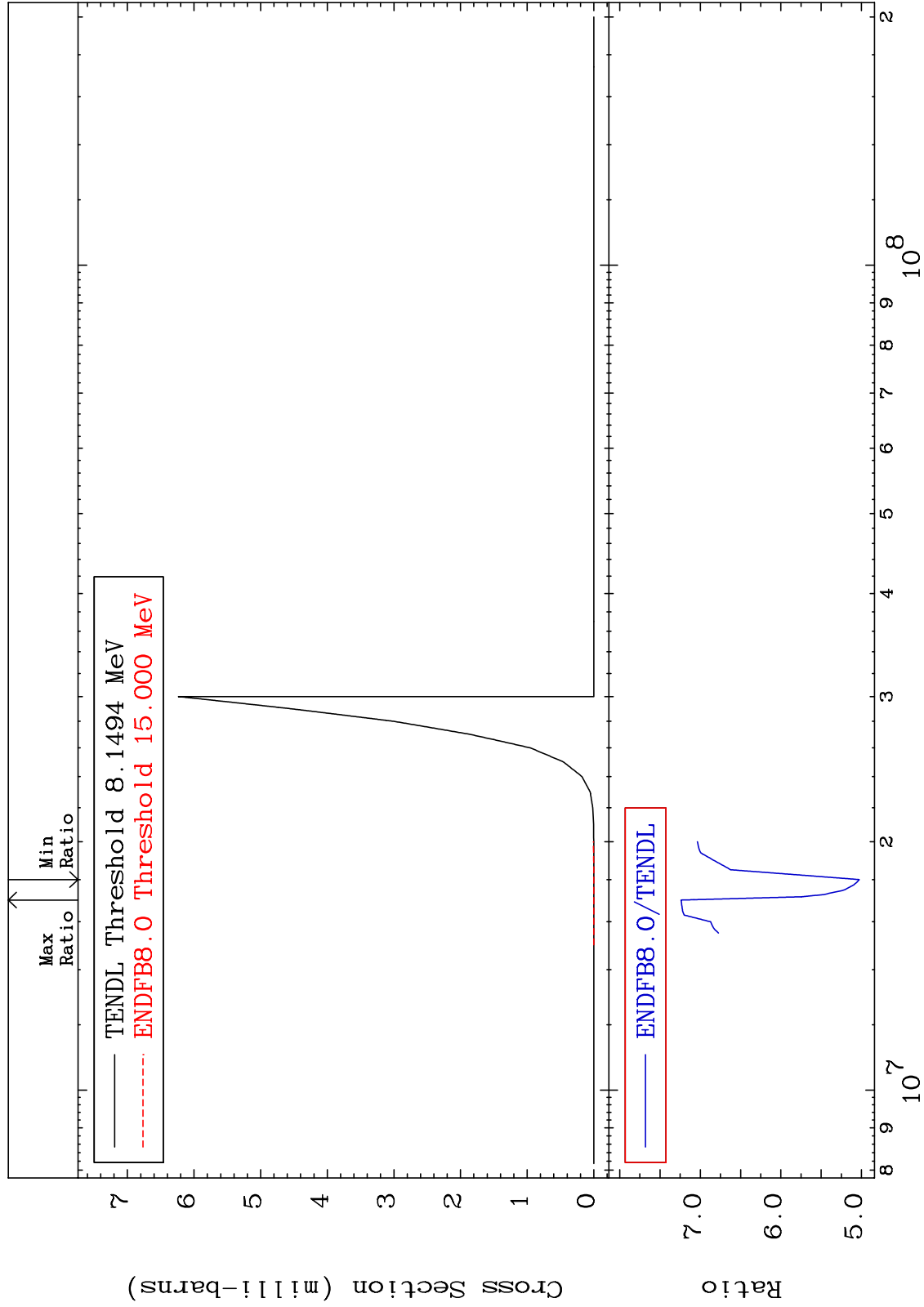
MAT 6637

(n,2n) α

66-Dy-160

Cross Section

402.7 To 623.9 %



66-Dy-160

402.7 To 623.9 %

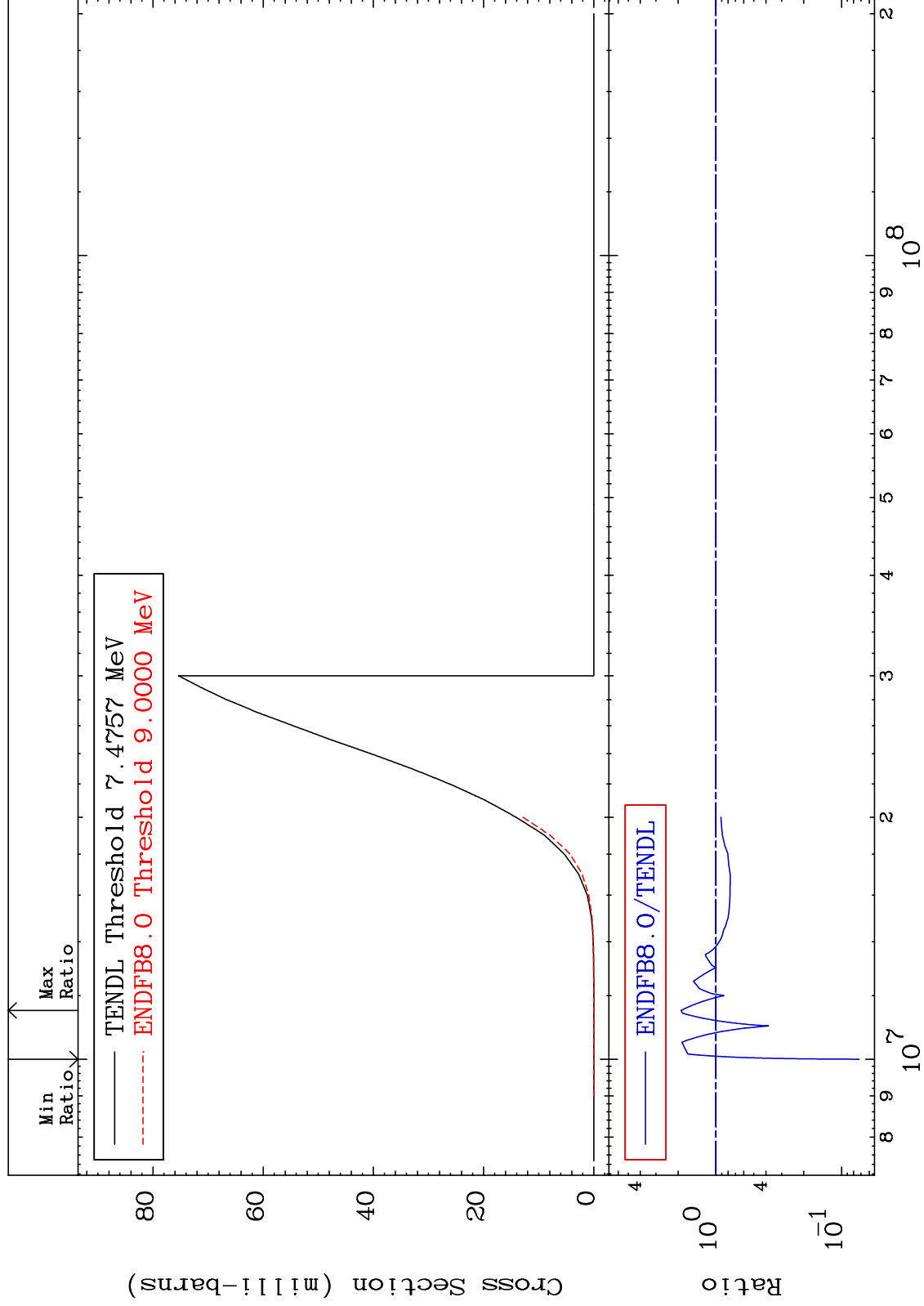
MAT 6637

(n,n') p

66-Dy-160

Cross Section

-92.78 To 89.59 %



8

Incident Energy (eV)

66-Dy-160

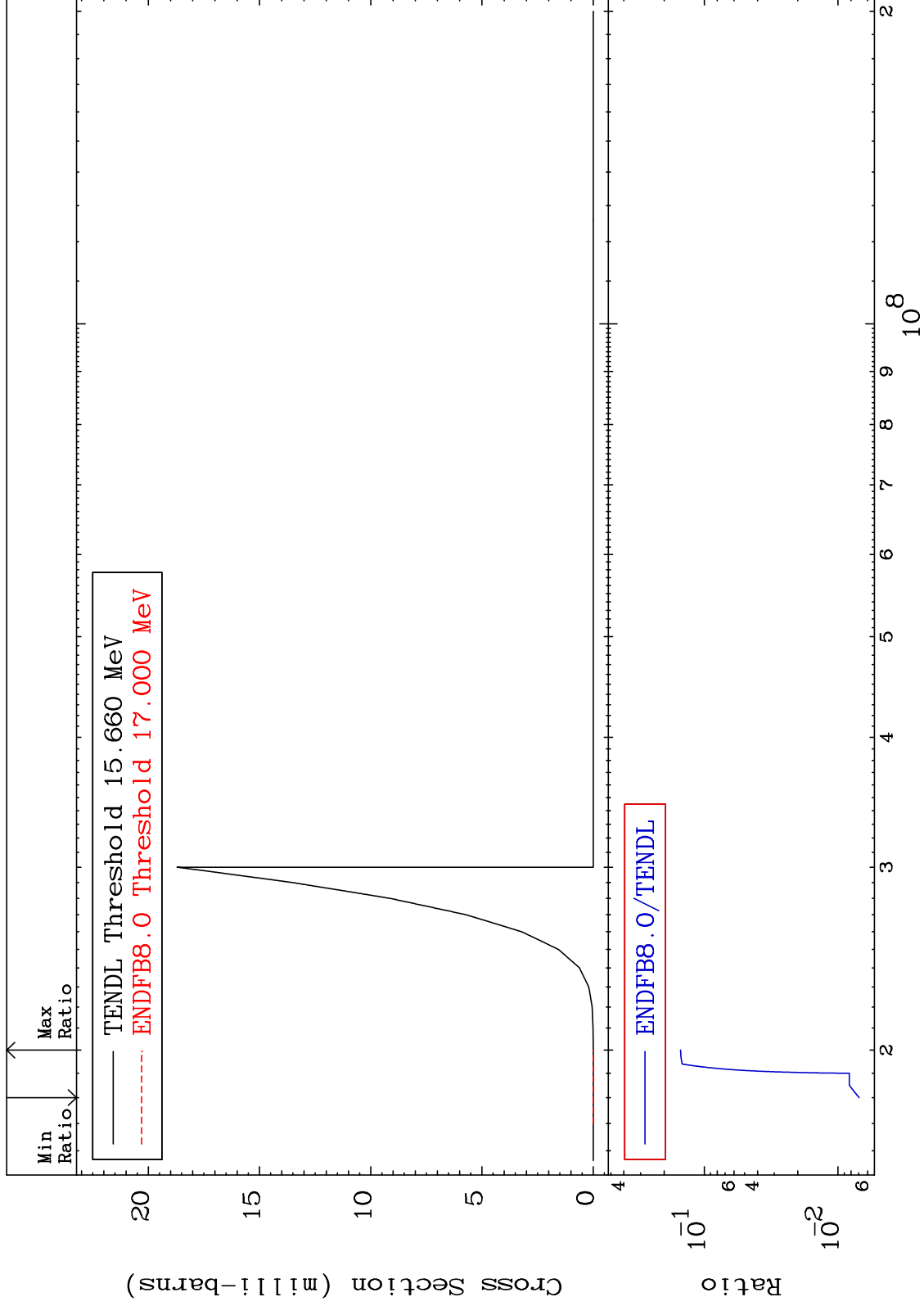
MAT 6637

(n,2n) p

66-Dy-160

Cross Section

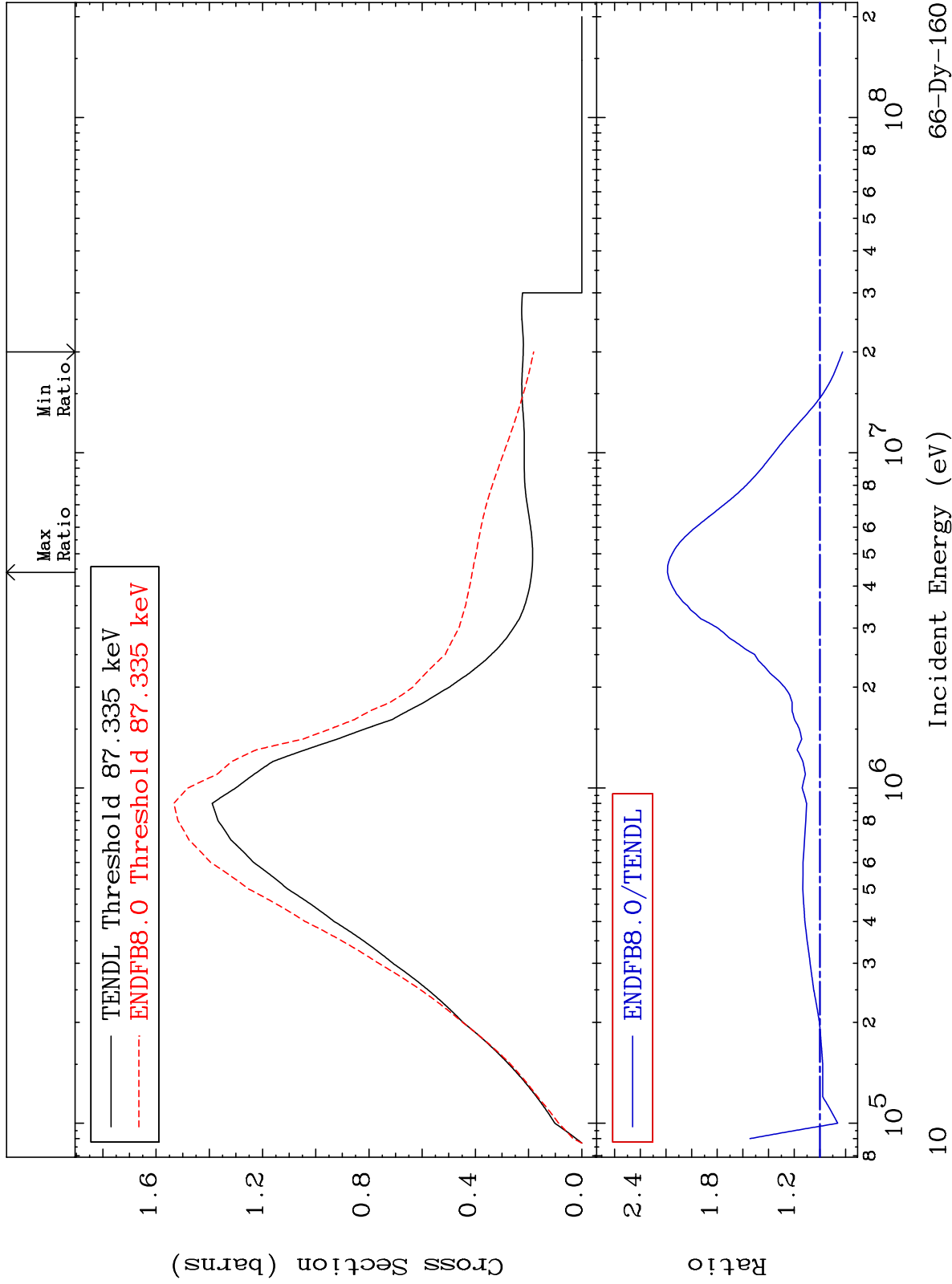
-99.30 To -84.96%



MAT 6637

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

66-Dy-160
-17.77 To 118.8 %

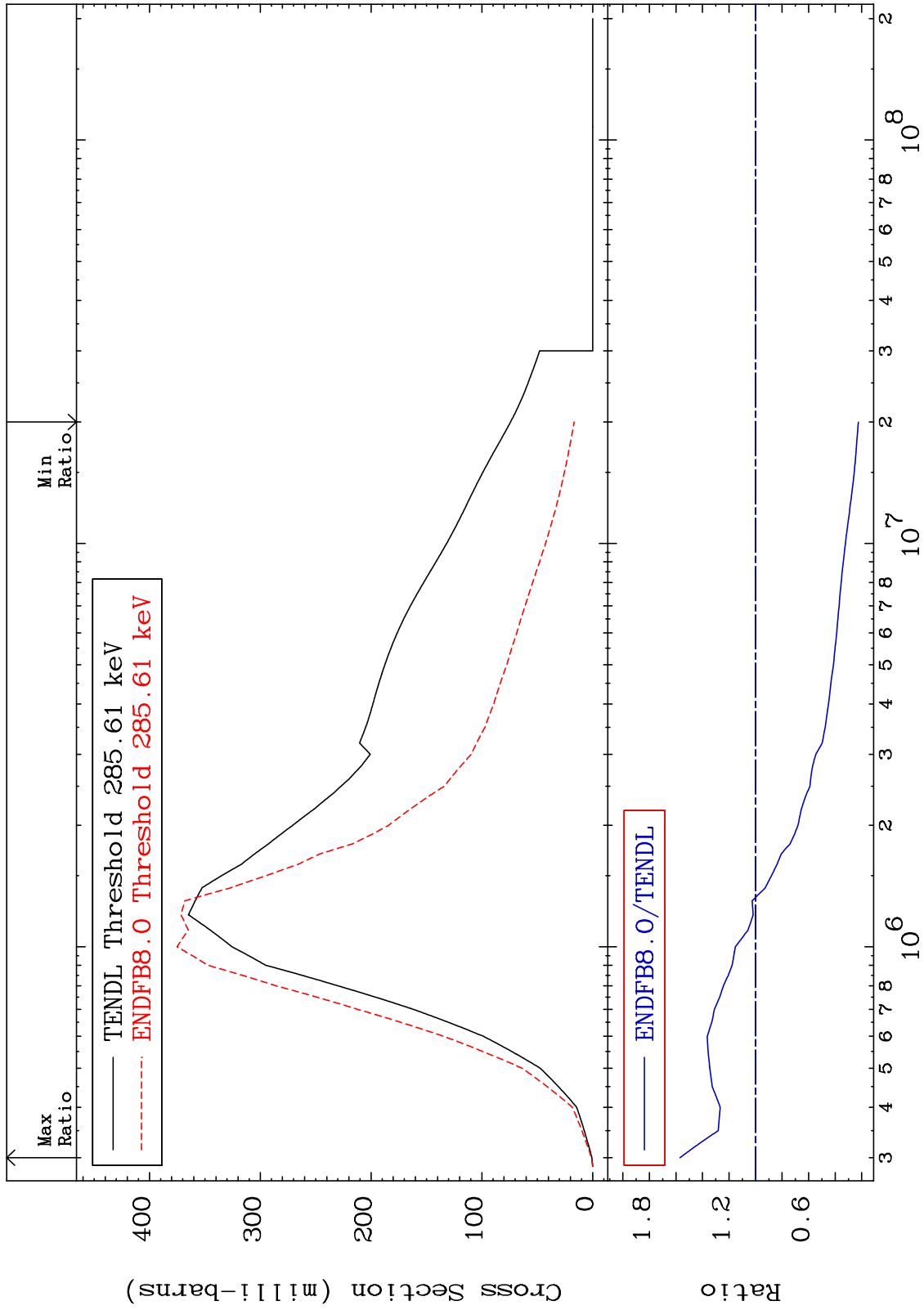


66-Dy-160

MAT 6637

MT= 52 (n,n') Level
Cross Section

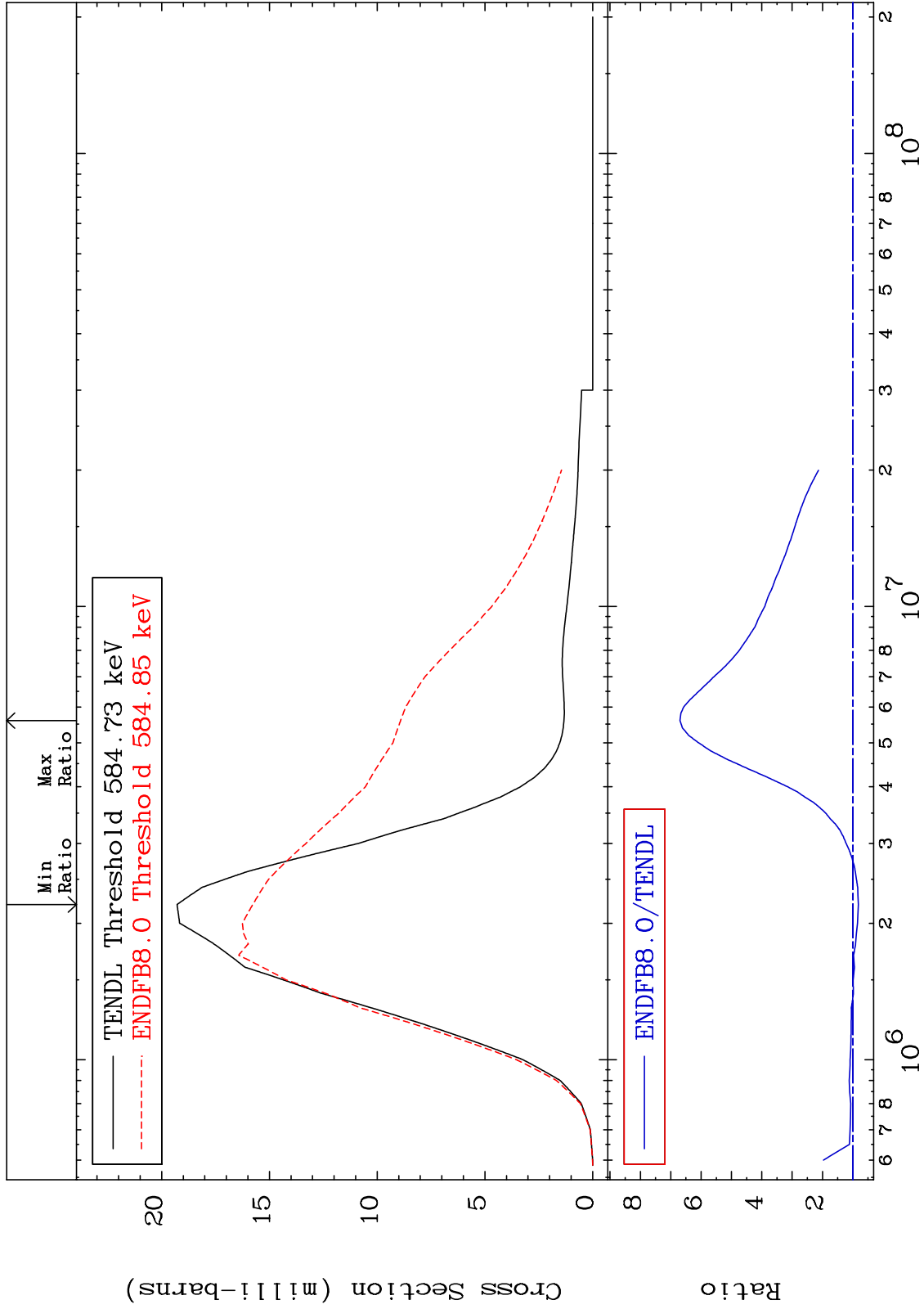
66-Dy-160
-77.50 To 56.96 %



MAT 6637

MT= 53 (n,n') Level
Cross Section

66-Dy-160
-18.23 To 569.4 %



12

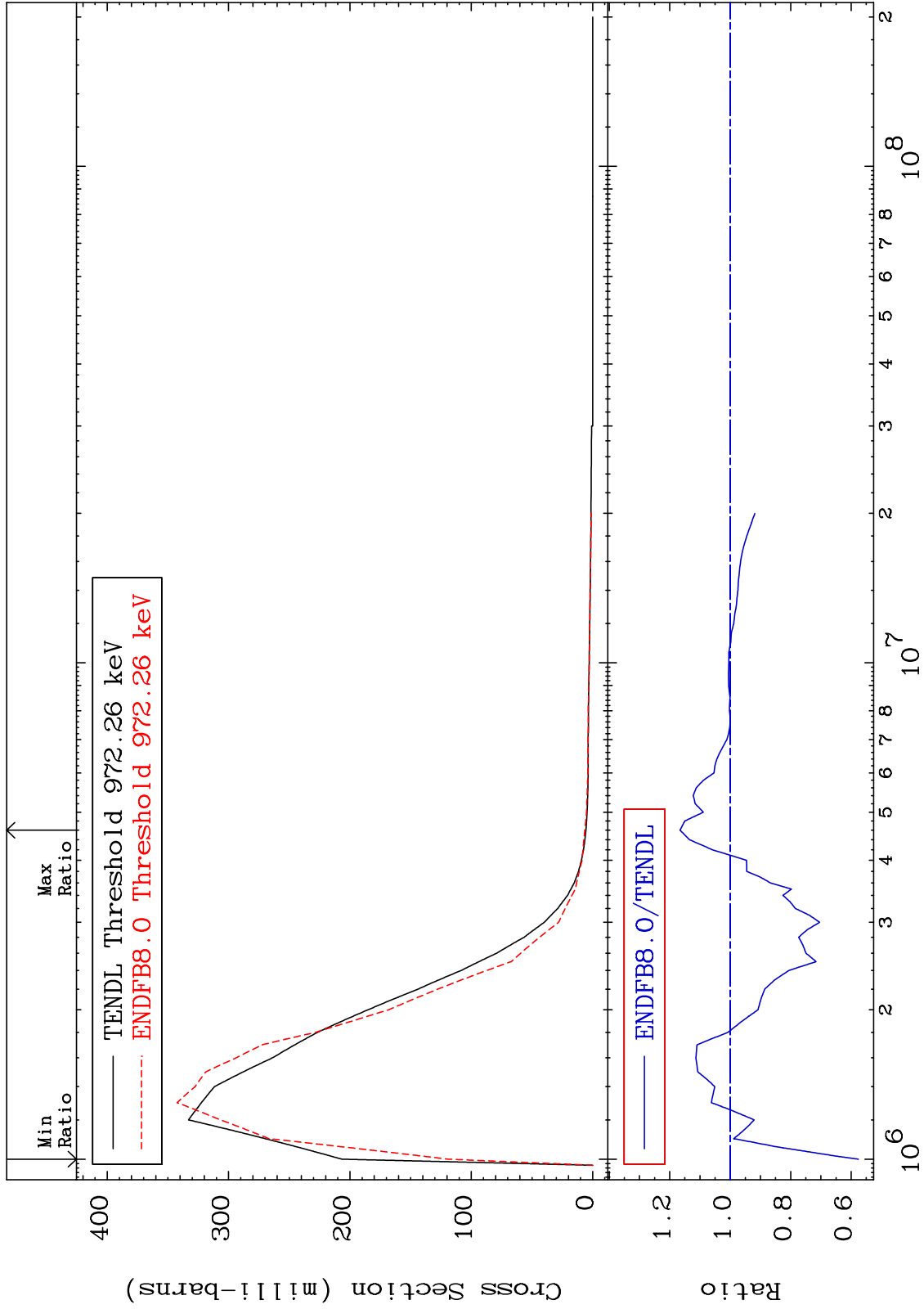
Incident Energy (eV)

66-Dy-160

MAT 6637

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

66-Dy-160
-42.40 To 16.60 %



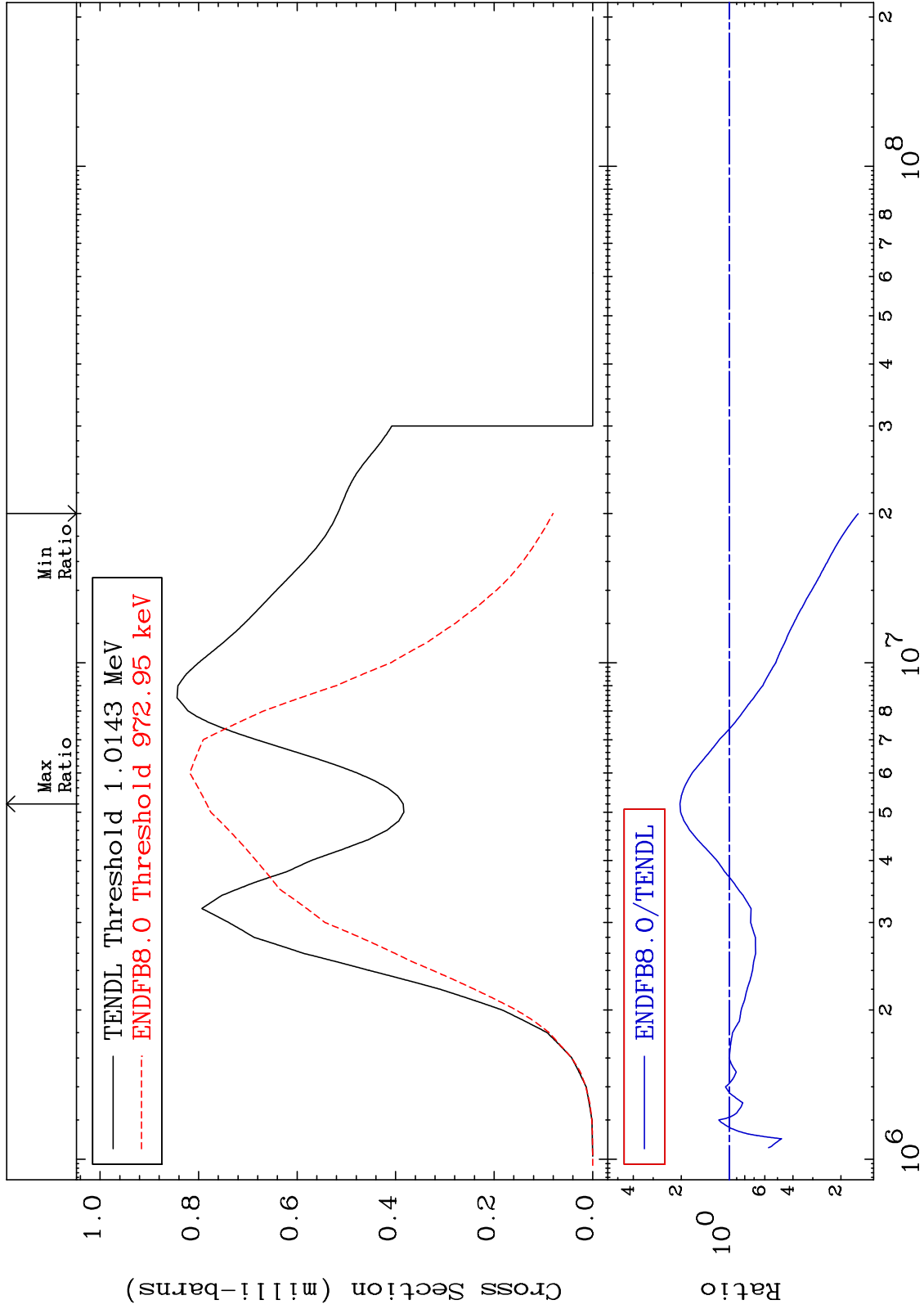
66-Dy-160

13

MAT 6637

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

66-Dy-160
-84.47 To 103.7 %



14

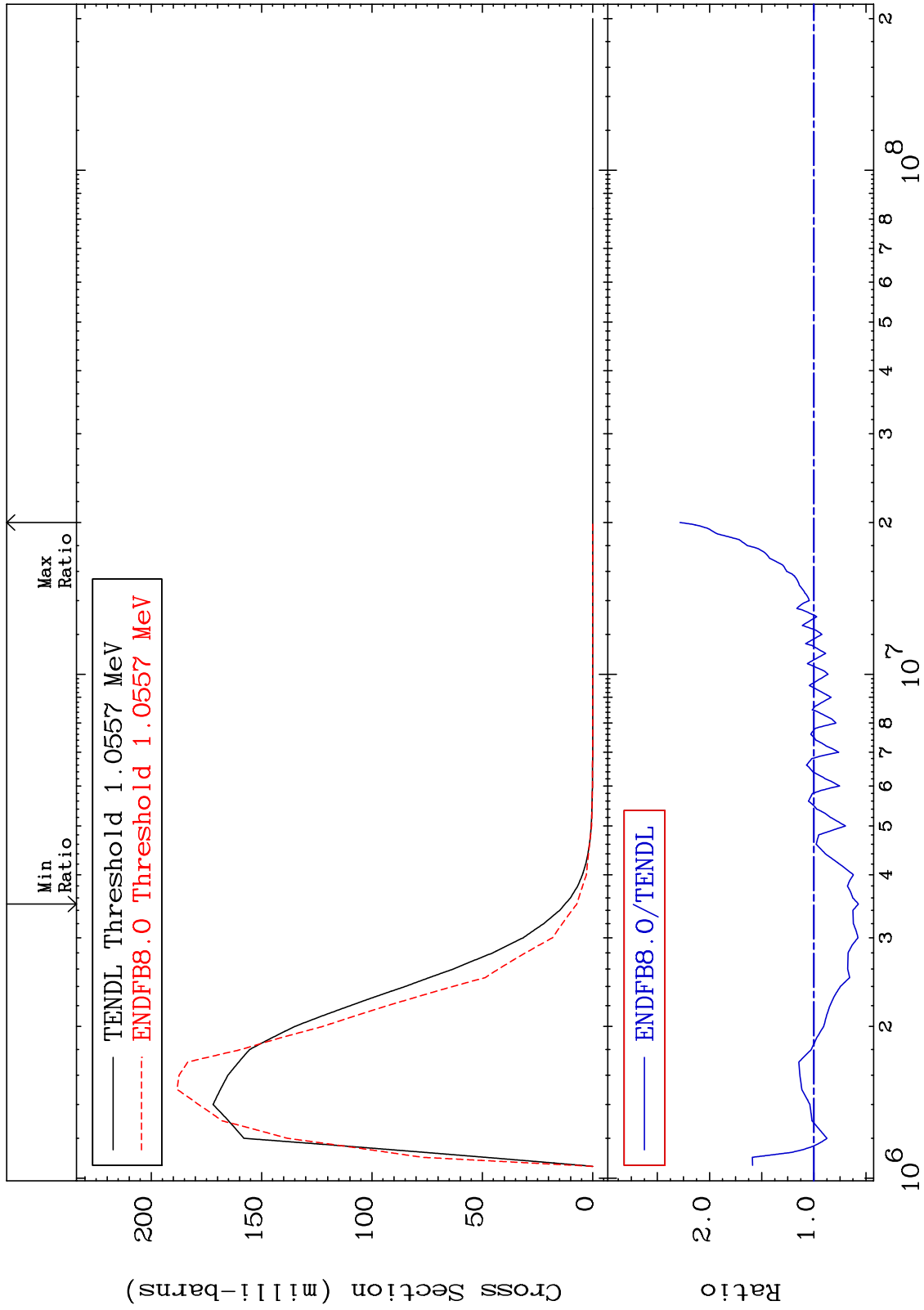
Incident Energy (eV)

66-Dy-160

MAT 6637

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

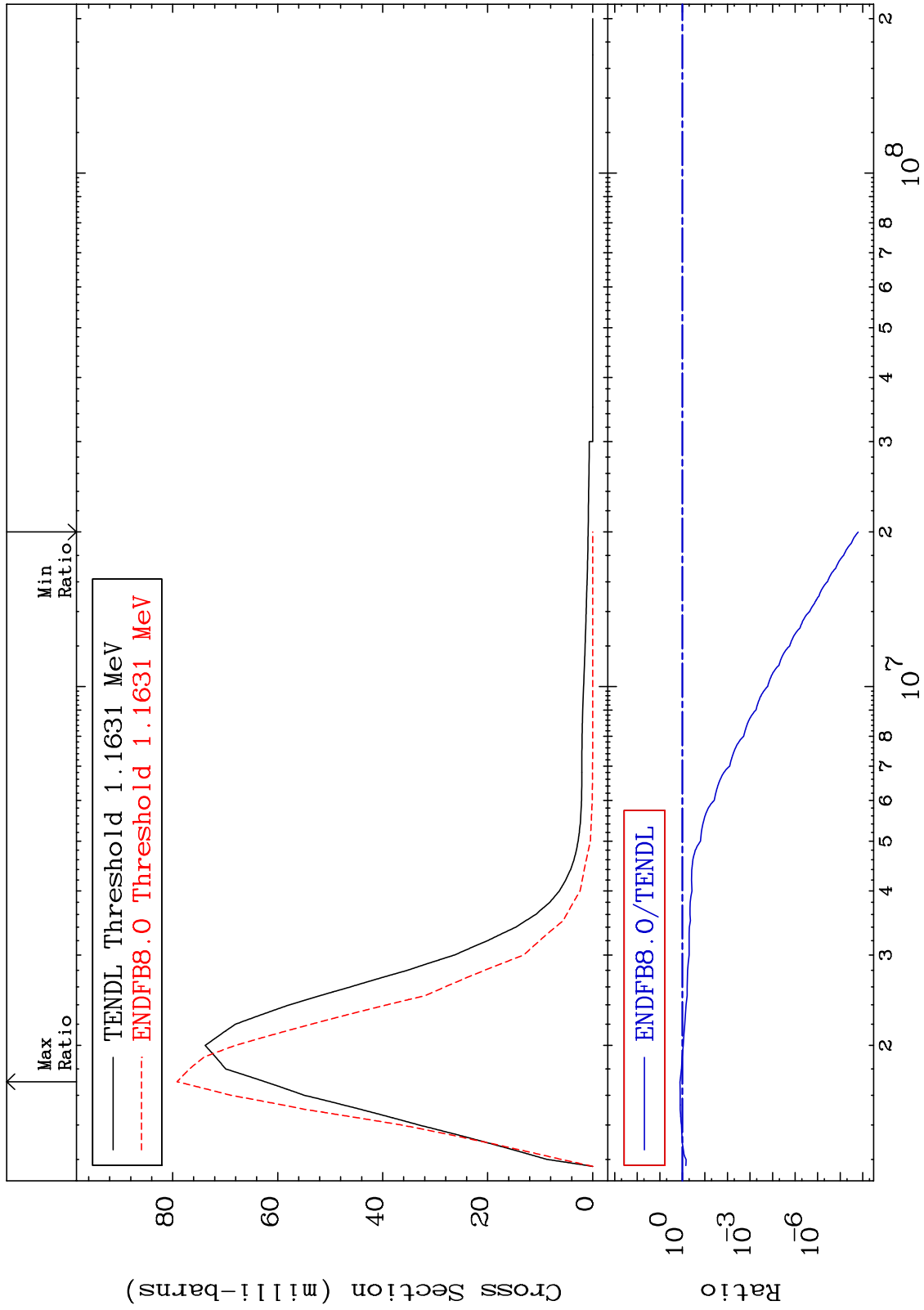
66-Dy-160
-42.67 To 128.3 %



Incident Energy (eV)

66-Dy-160

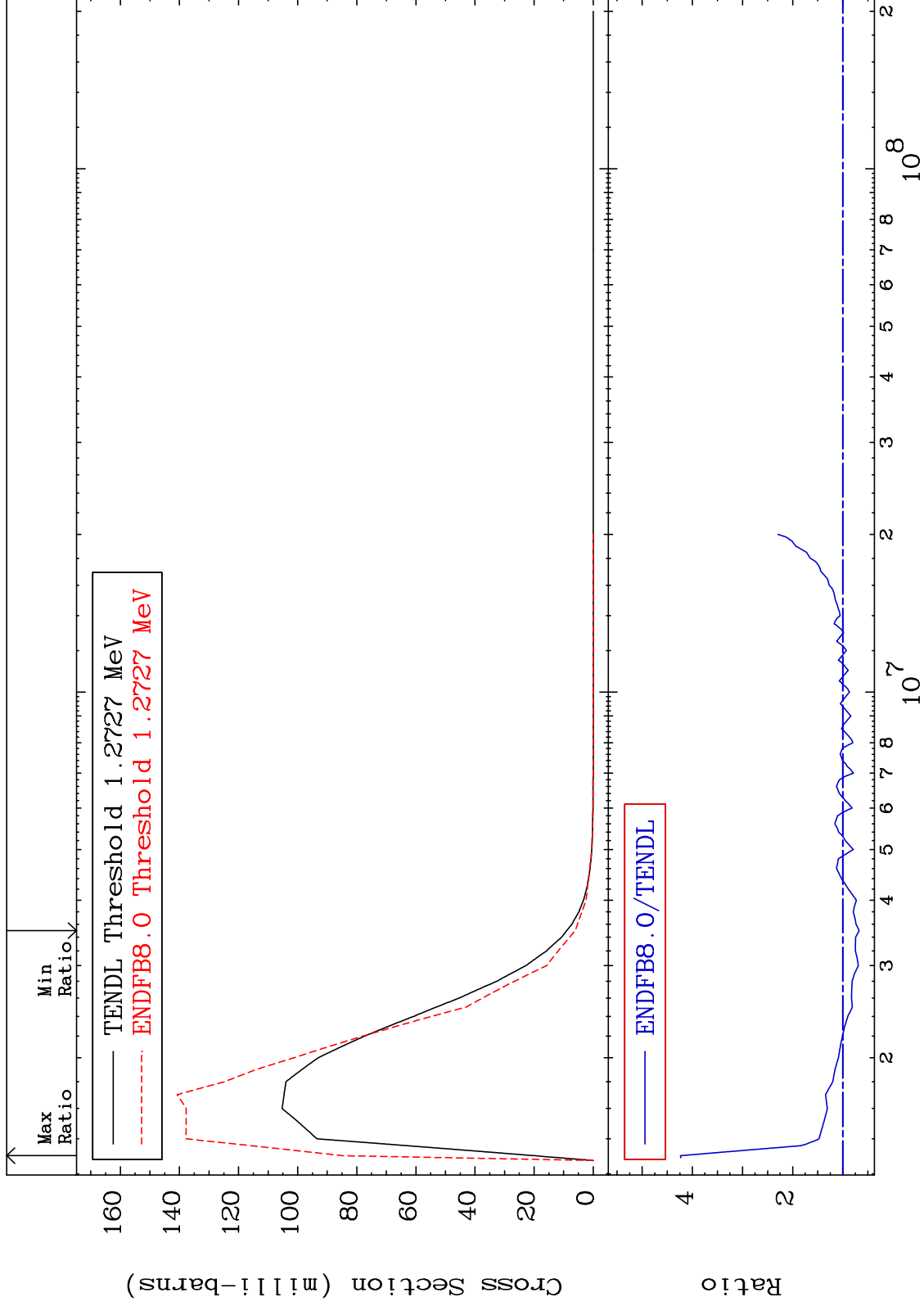
MAT 6637 MT= 57 (n, n') Level Cross Section 66-Dy-160
 -100.0 To 26.78 %



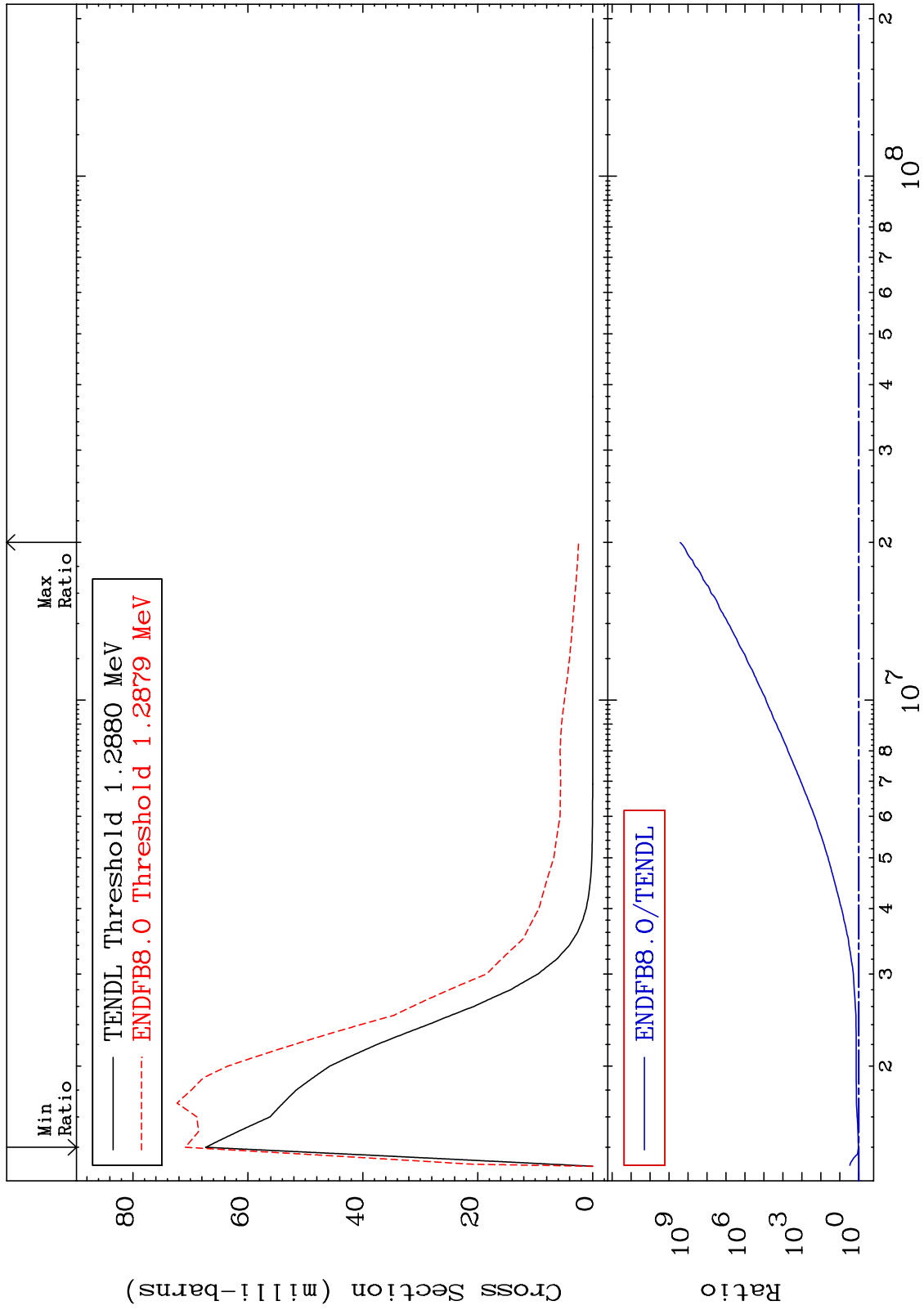
MAT 6637

MT= 58 (n,n') Level
Cross Section

66-Dy-160
-32.59 To 323.4 %



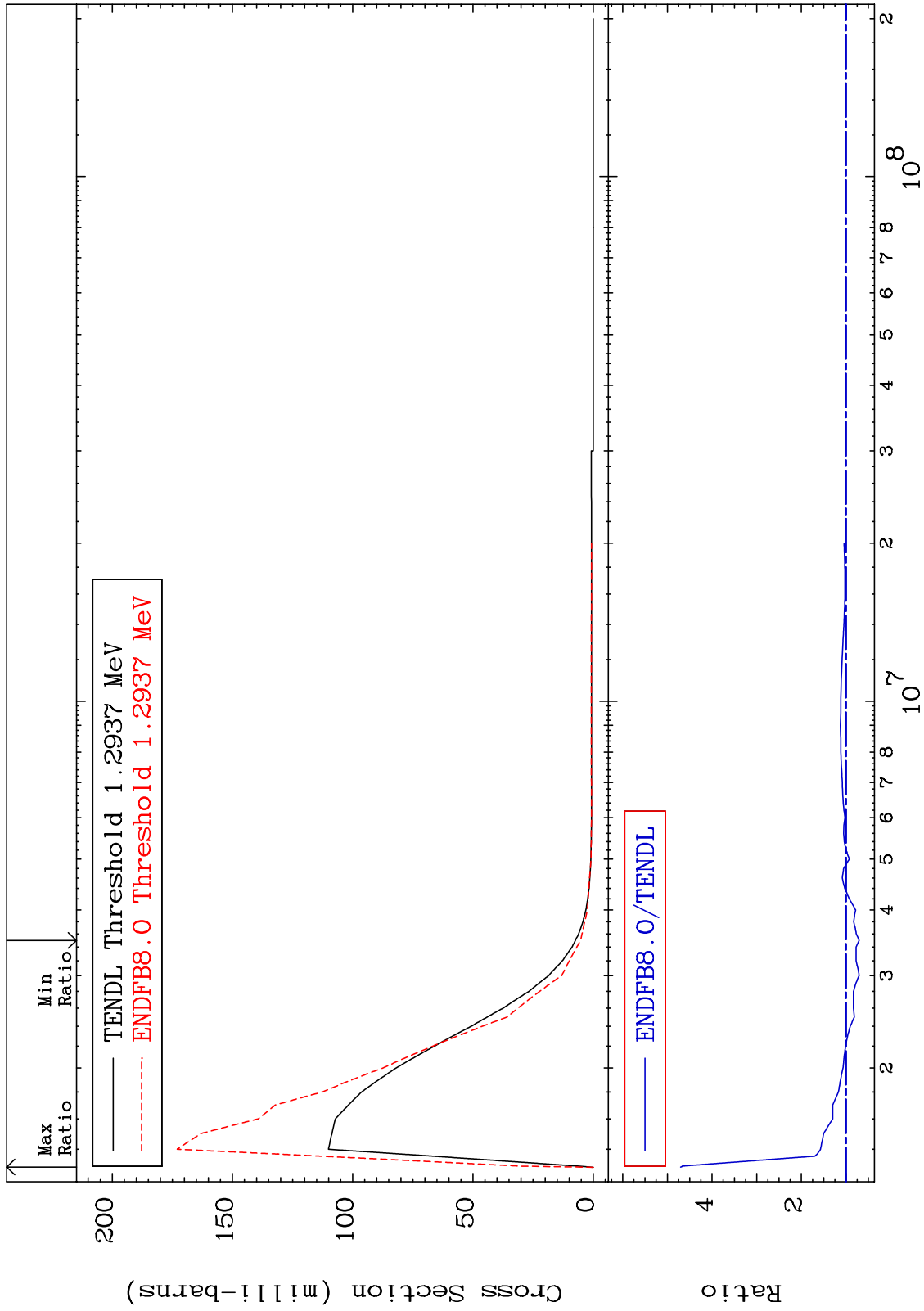
MAT 6637 MT= 59 (n, n') Level Cross Section 66-Dy-160 To 9999. %
 5.276



MAT 6637

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

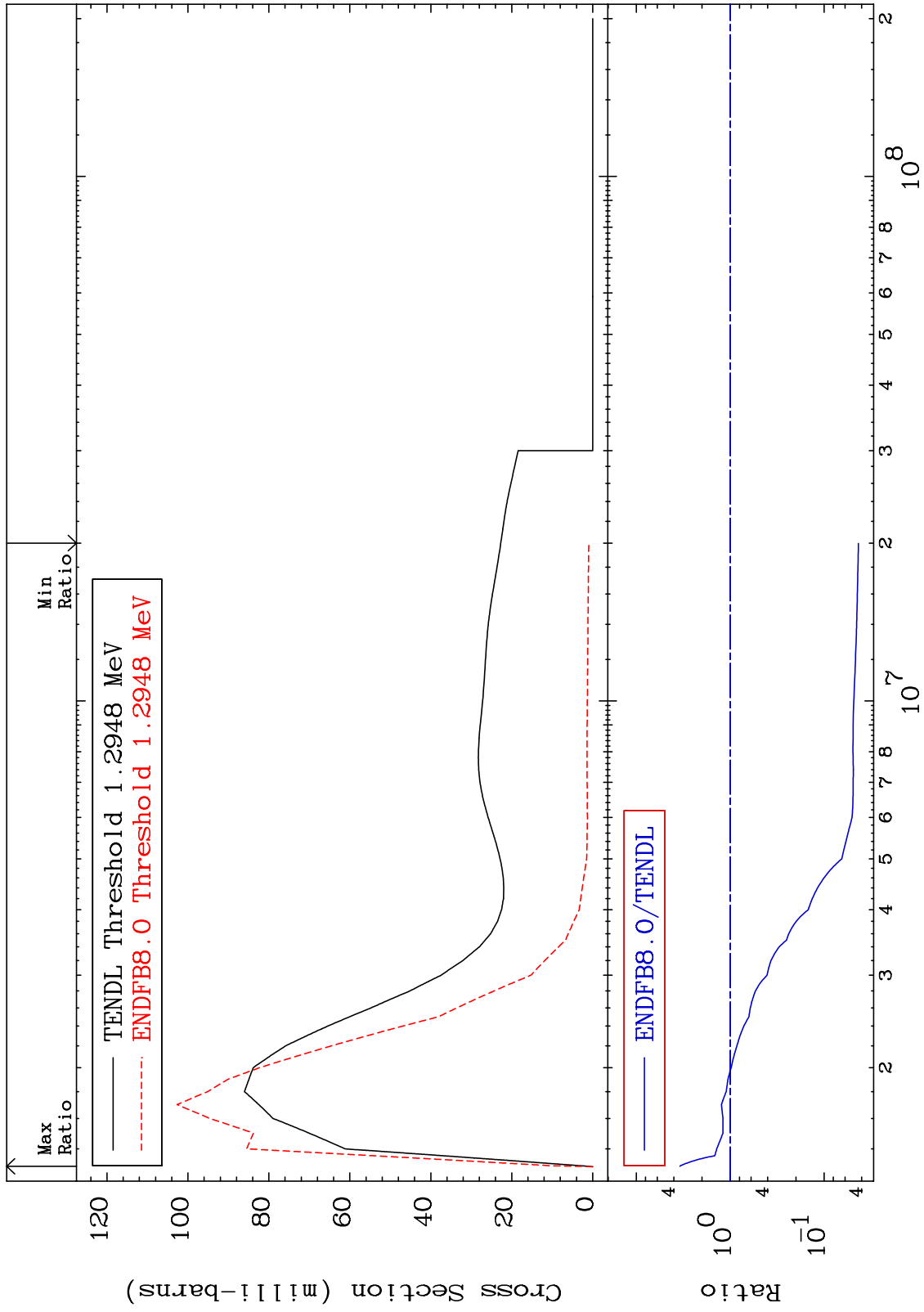
66-Dy-160
-29.40 To 370.3 %



MAT 6637

MT= 61 (n,n') Level
Cross Section

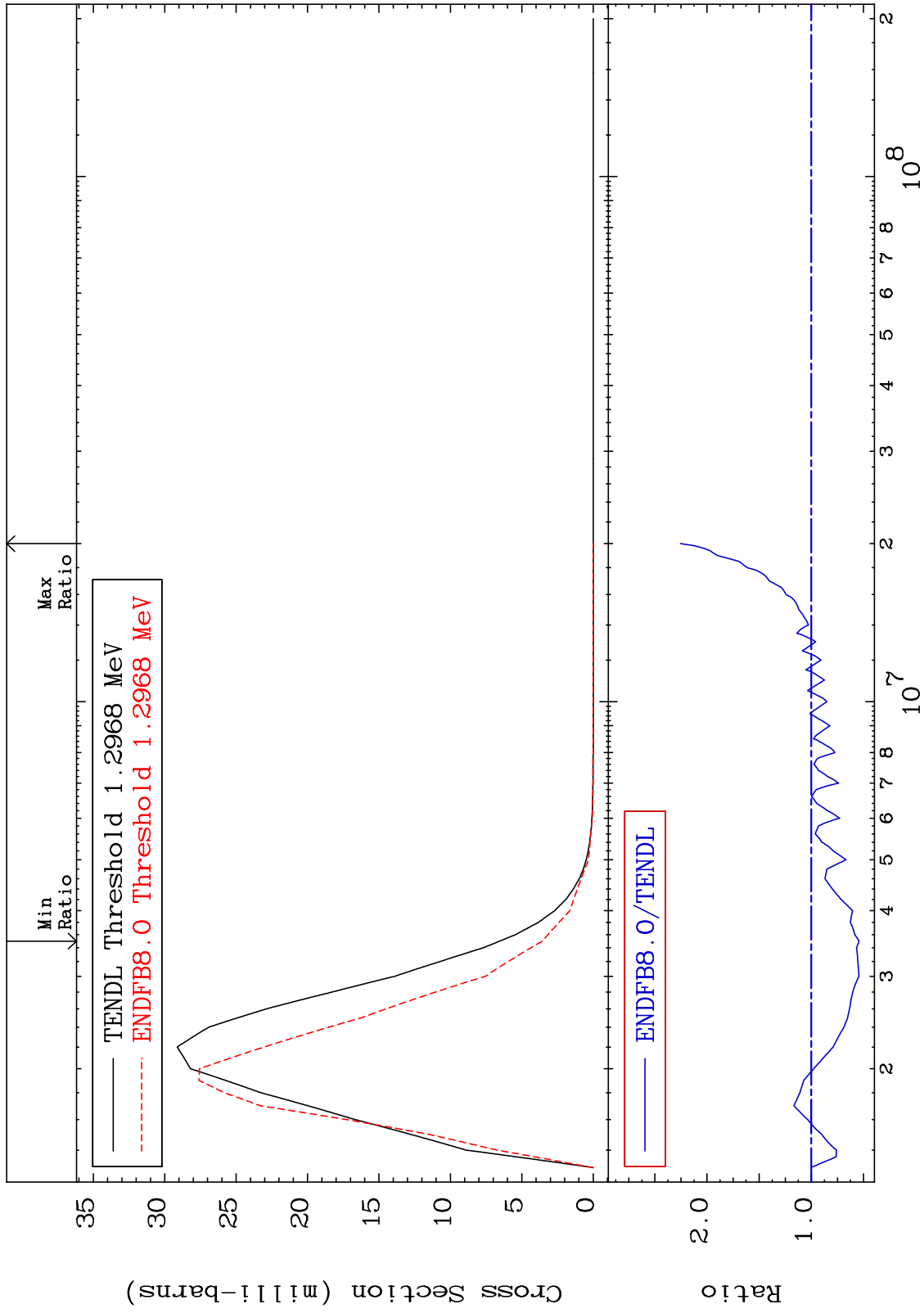
66-Dy-160
-95.68 To 243.3 %



MAT 6637

MT= 62 (n, n') Level
Cross Section

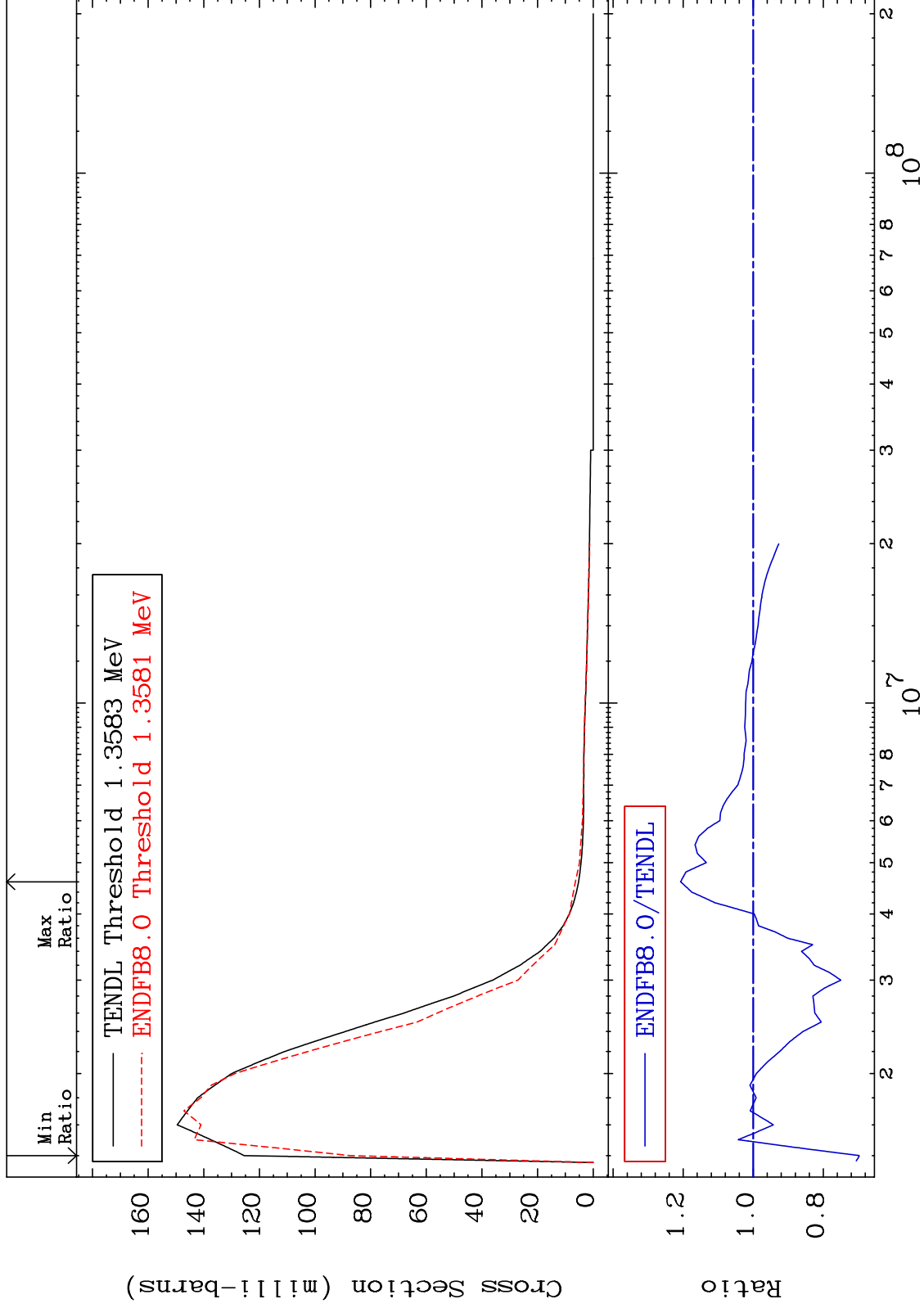
66-Dy-160
-45.83 To 125.3 %



MAT 6637

MT= 63 (n,n') Level
Cross Section

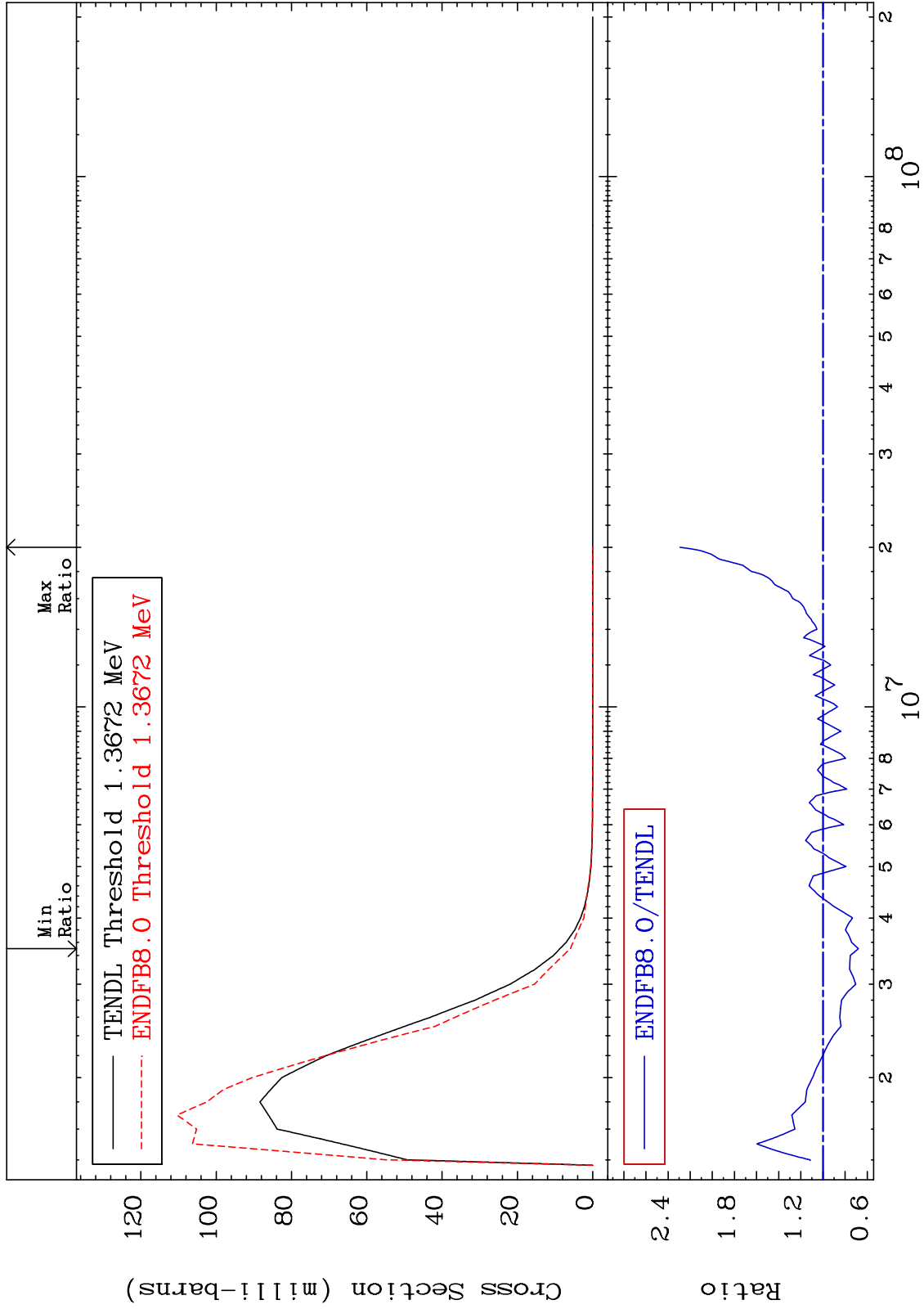
66-Dy-160
-30.24 To 20.74 %



MAT 6637

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

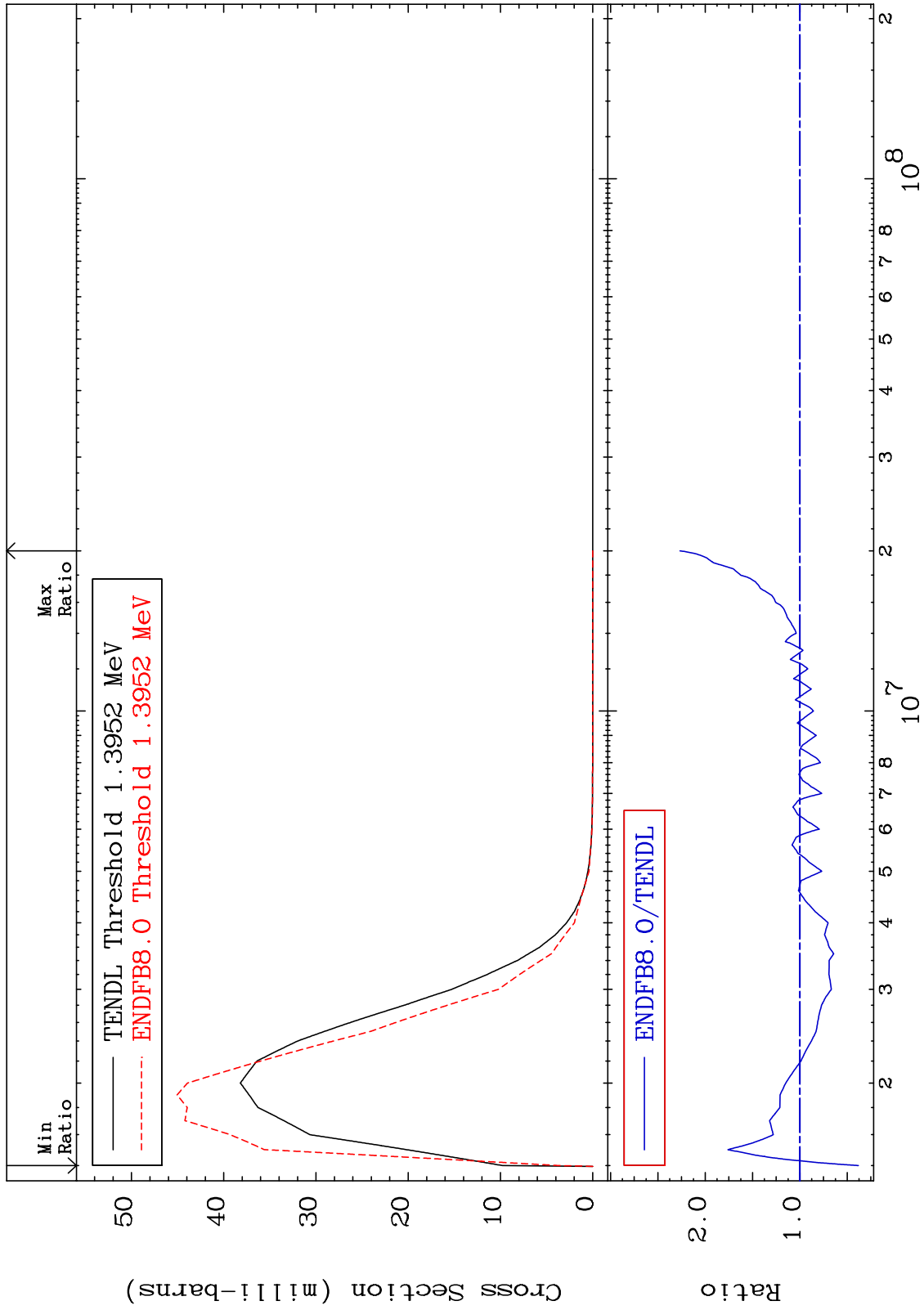
66-Dy-160
-32.01 To 129.2 %



MAT 6637

MT= 65 (n,n') Level
Cross Section

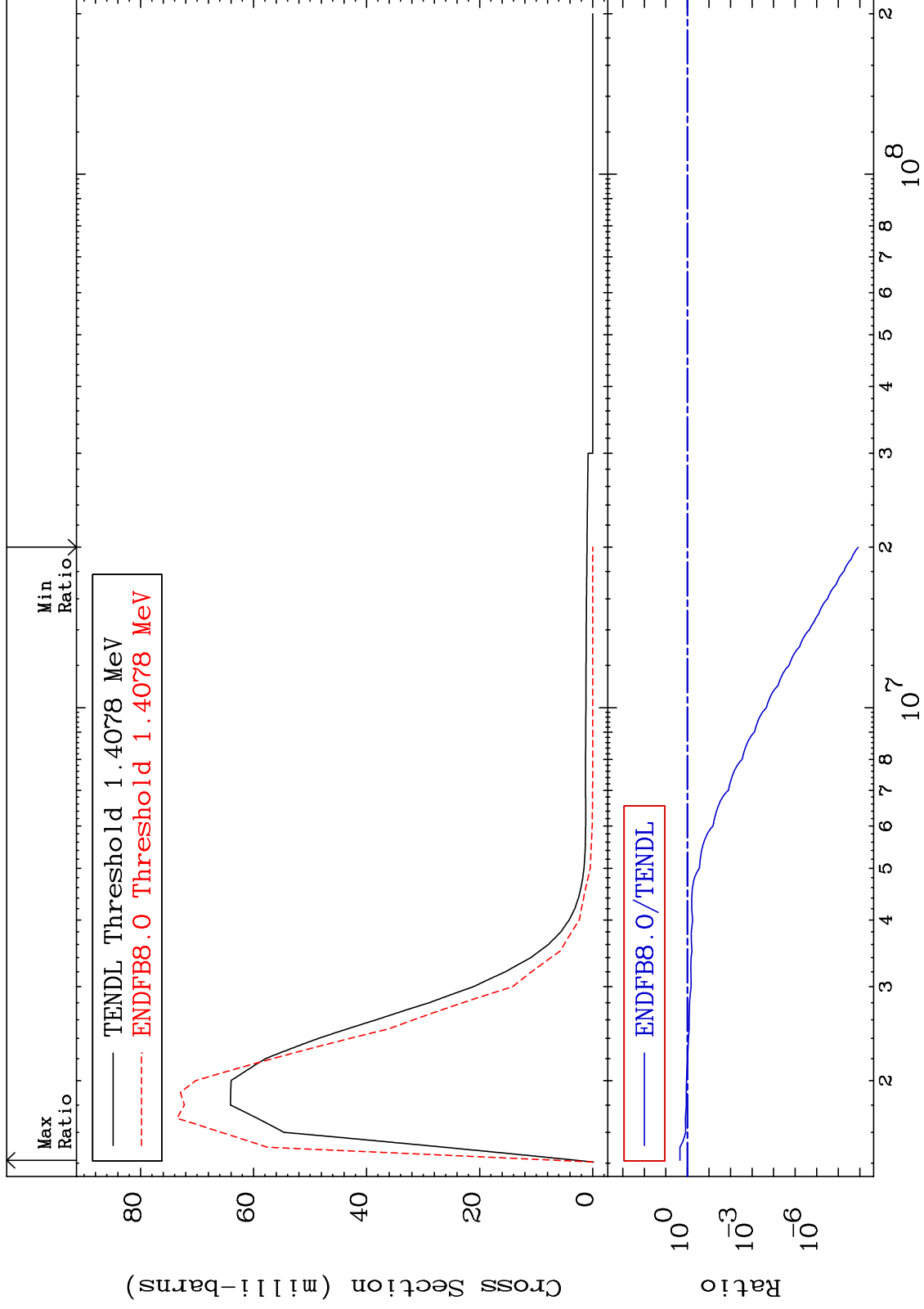
66-Dy-160
-61.81 To 126.6 %



MAT 6637

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

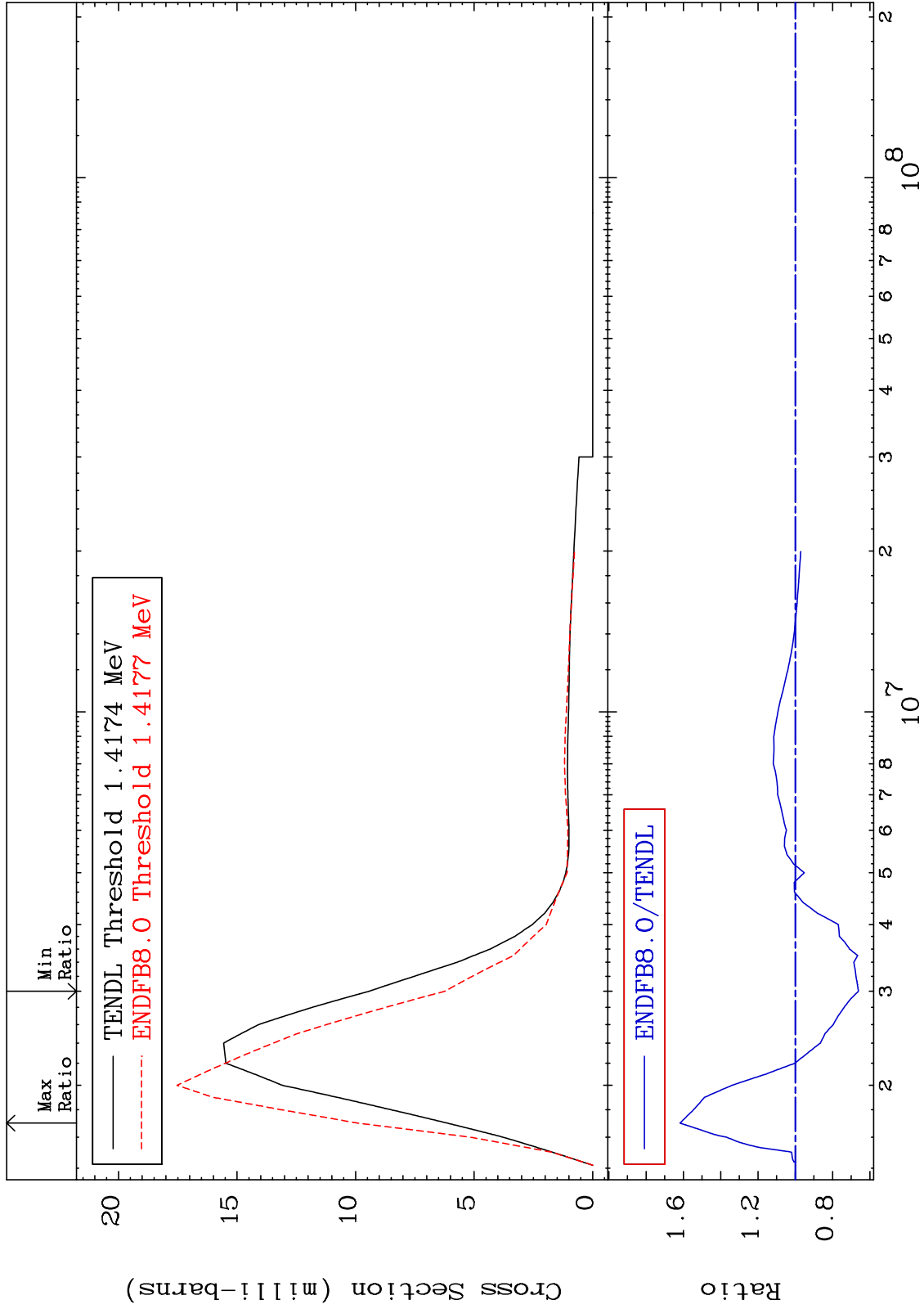
66-Dy-160
-100.0 To 120.1 %



MAT 6637

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

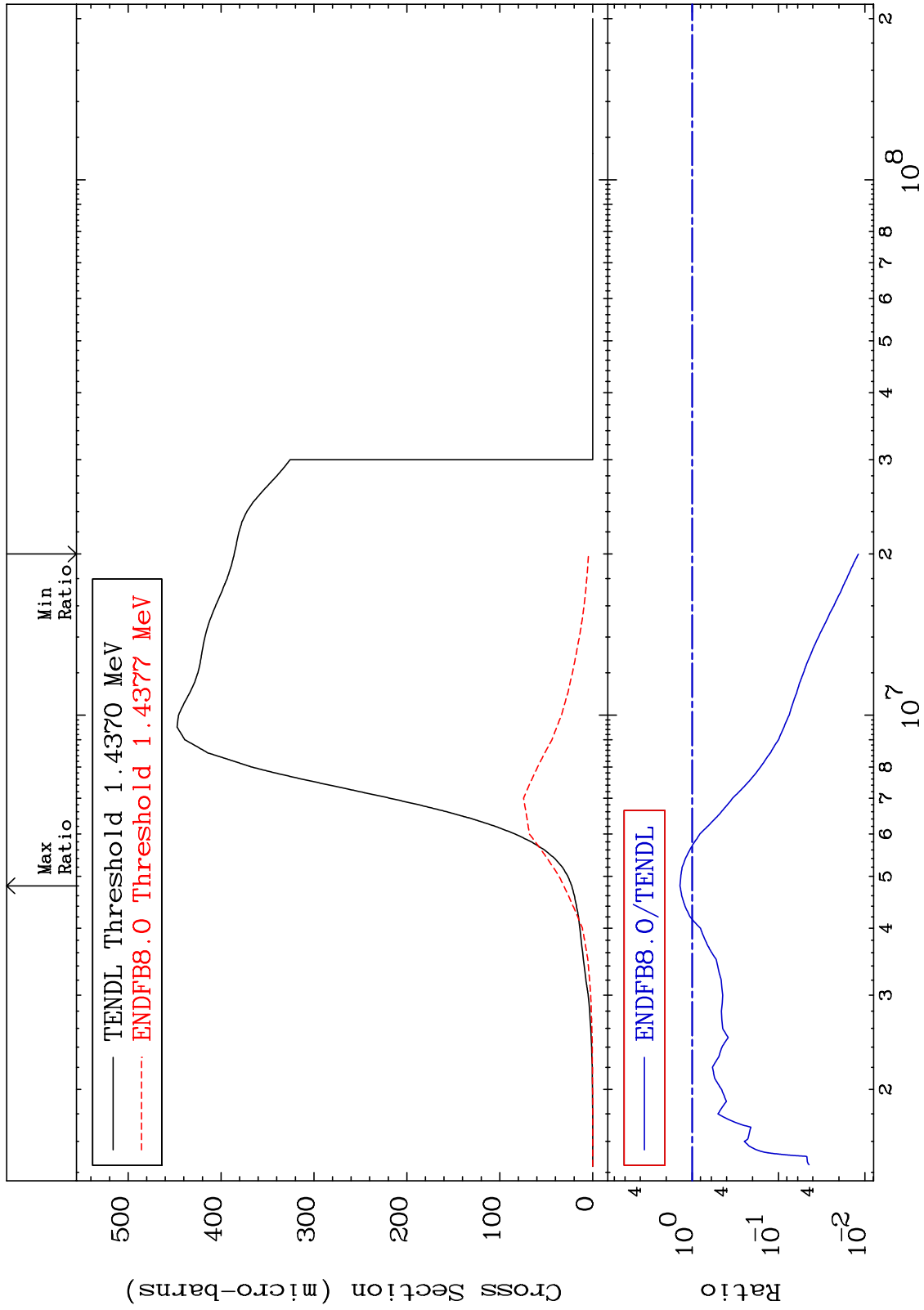
66-Dy-160
-33.87 To 61.80 %



MAT 6637

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

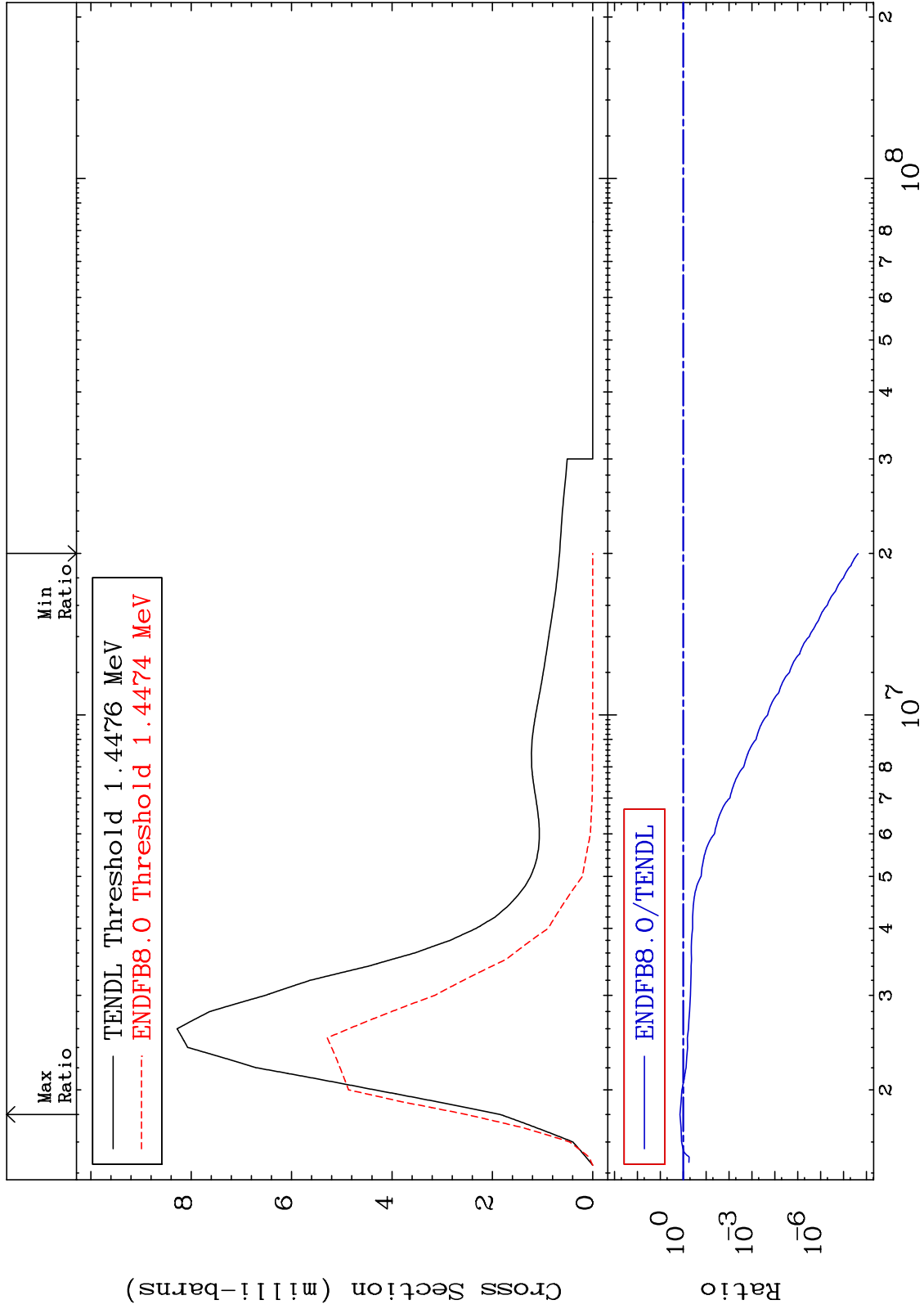
66-Dy-160
-98.81 To 38.25 %



MAT 6637

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

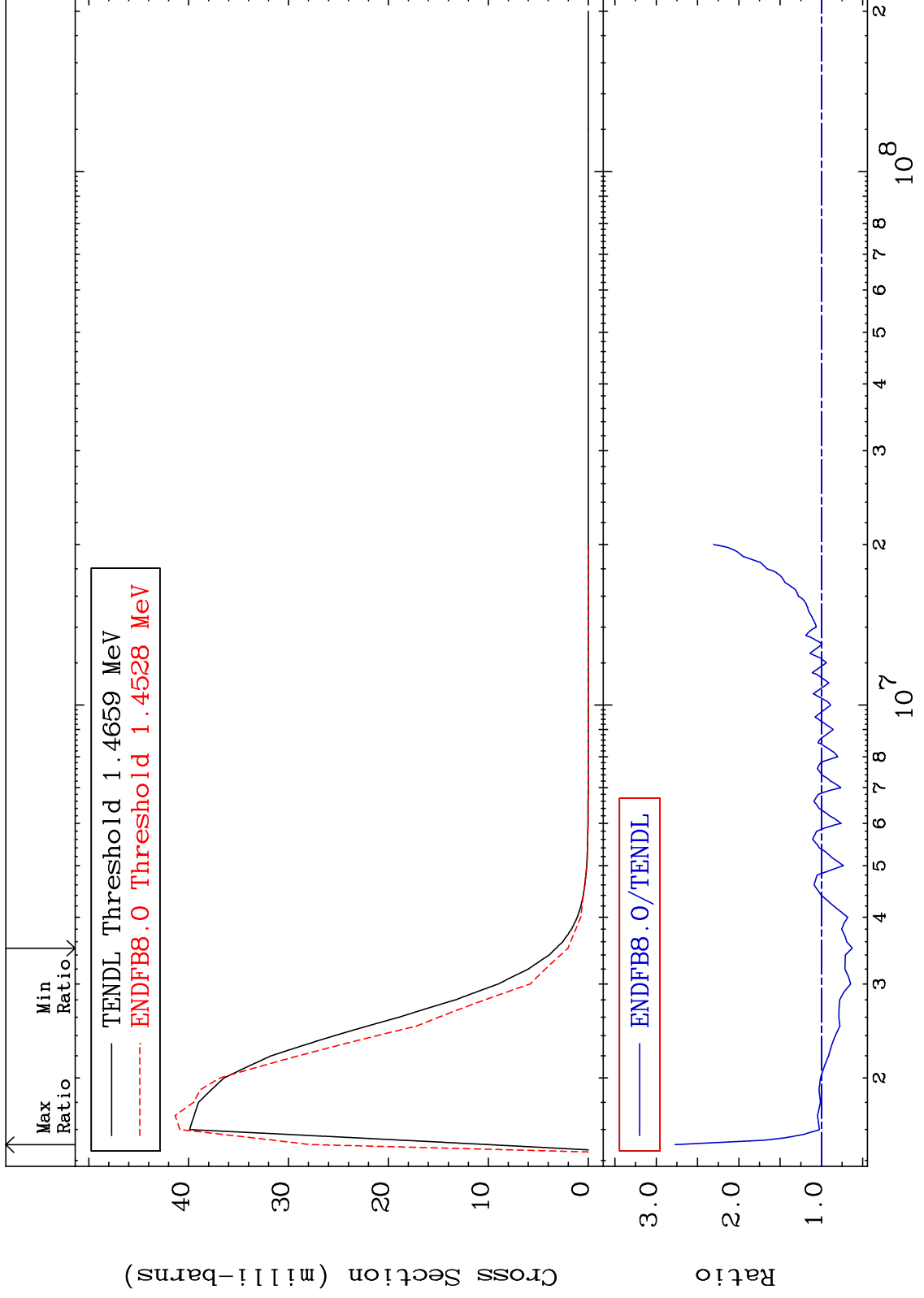
66-Dy-160
-100.0 To 36.70 %



MAT 6637

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

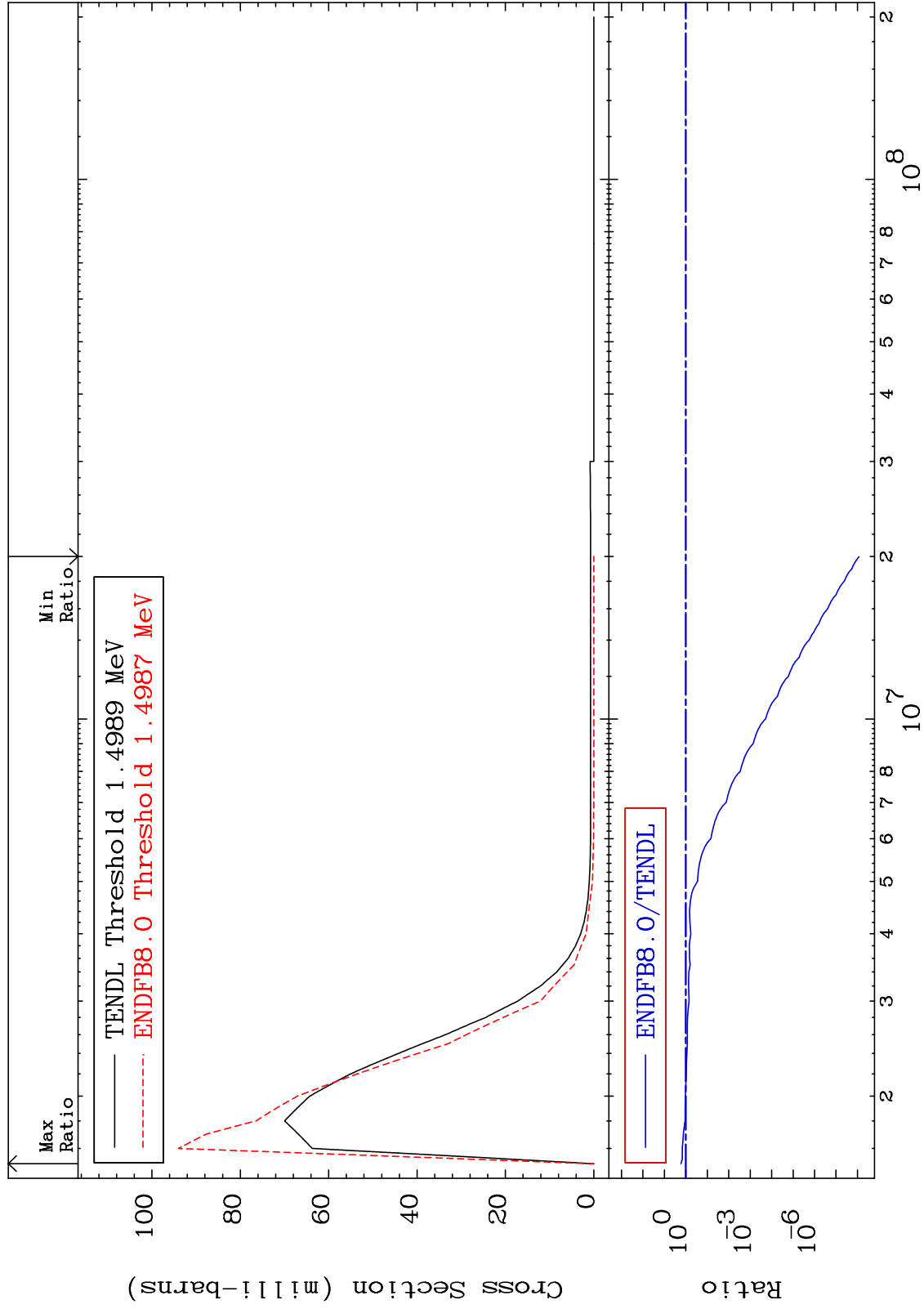
66-Dy-160
-37.38 To 177.3 %



MAT 6637

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

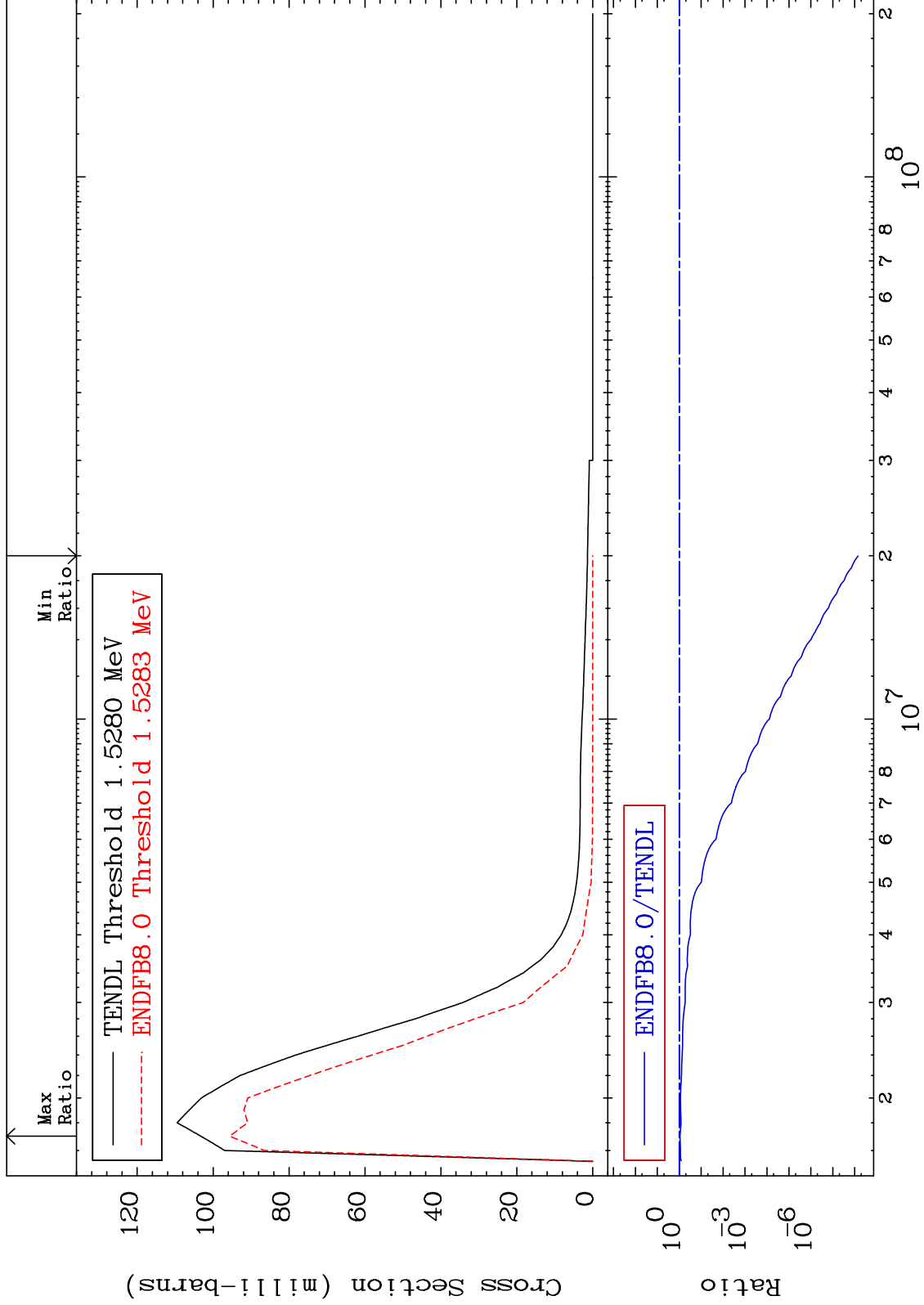
66-Dy-160
-100.0 To 67.27 %



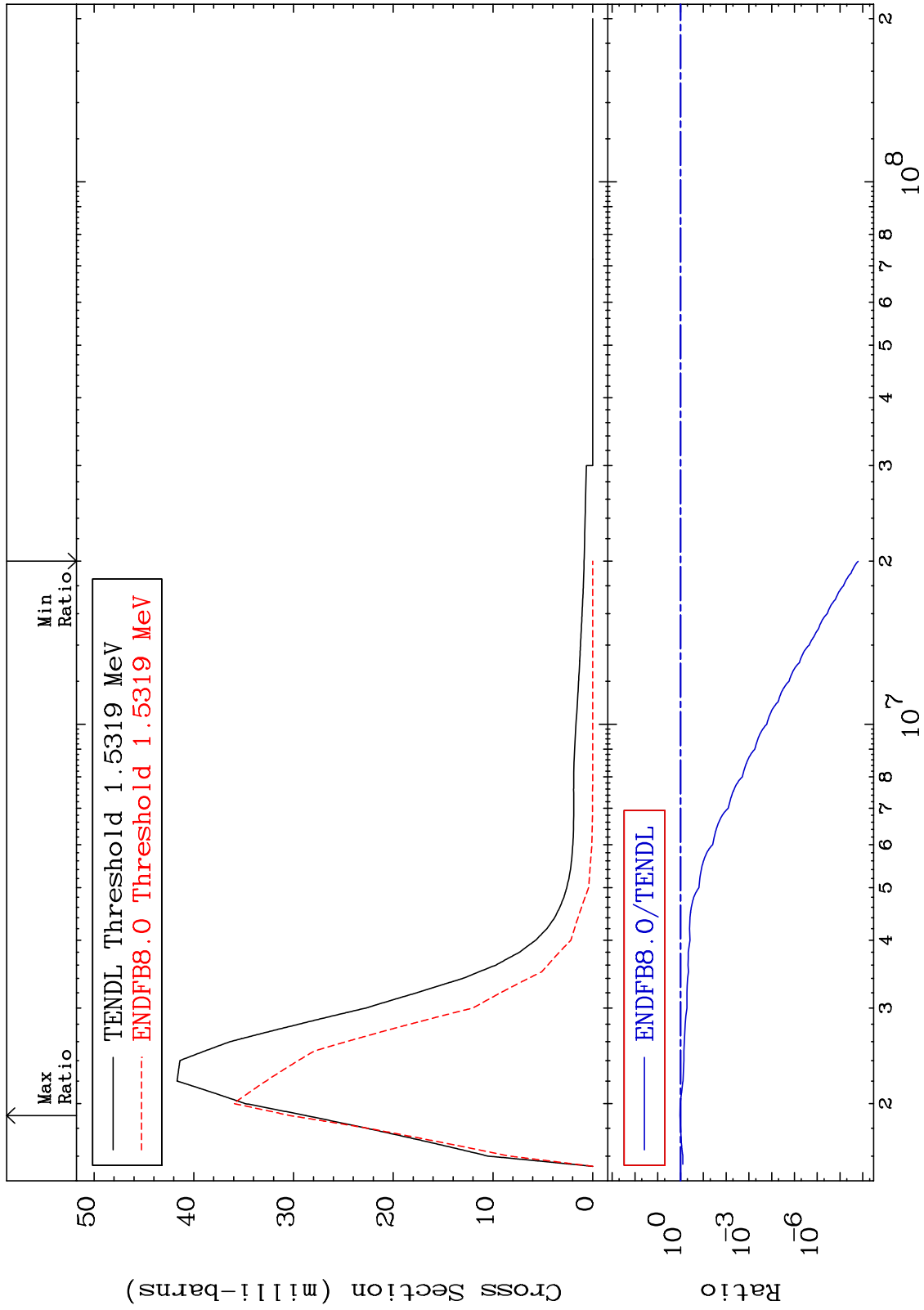
MAT 6637

MT= 72 (n,n') Level
Cross Section

66-Dy-160
-100.0 To -7.378%



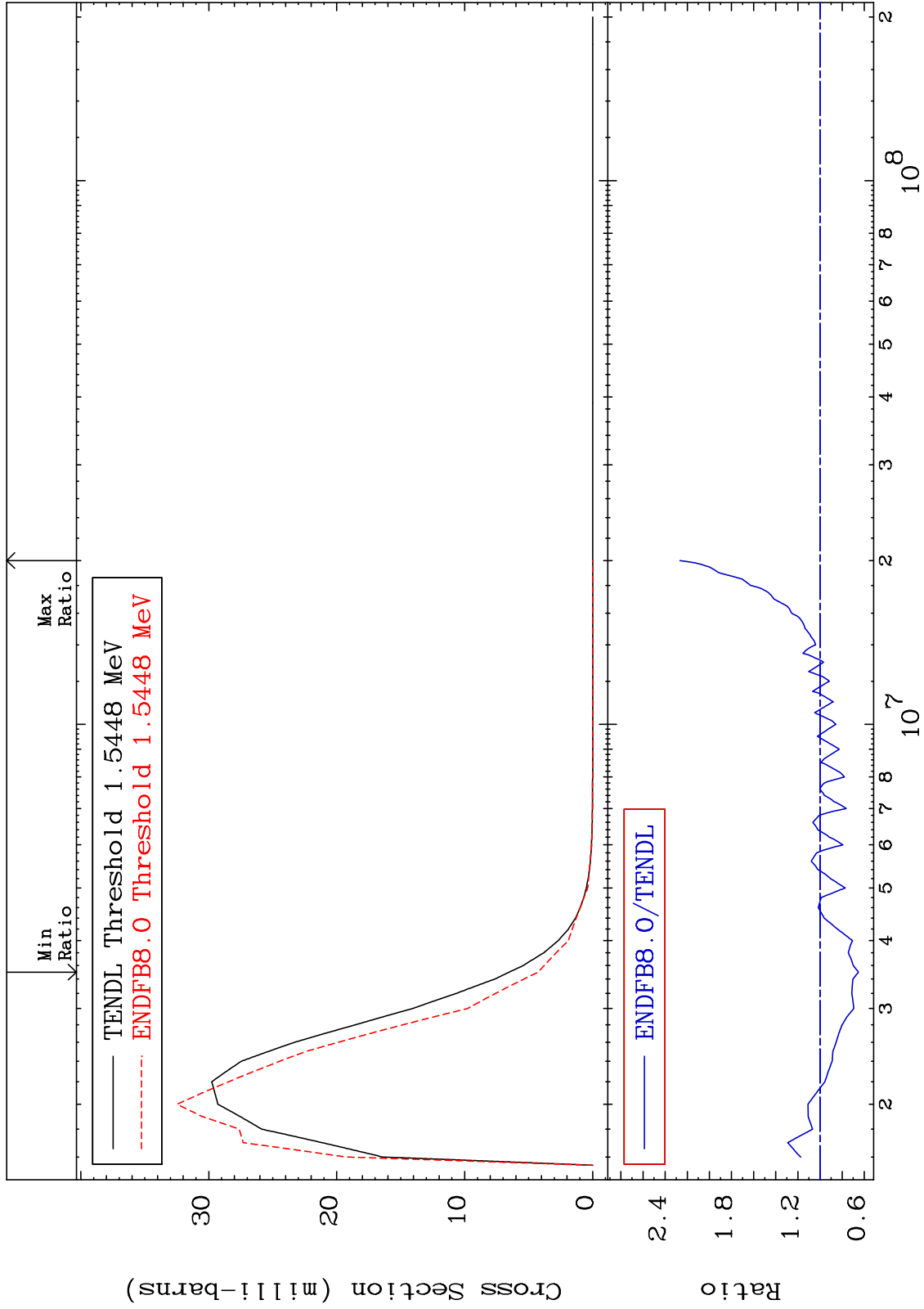
MAT 6637 MT= 73 (n,n') Level Cross Section 66-Dy-160
 -100.0 To 5.540 %



MAT 6637

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

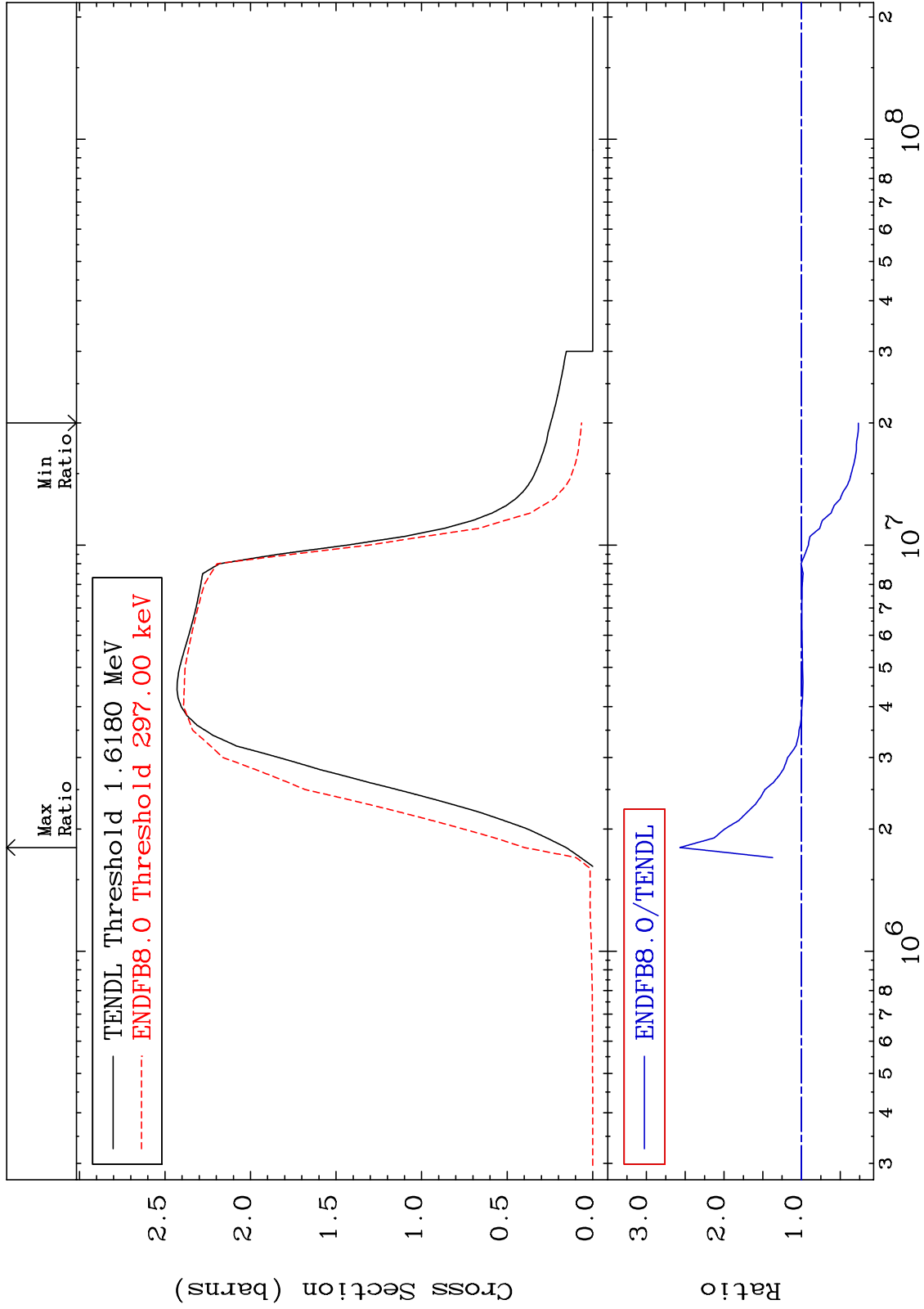
66-Dy-160
-34.71 To 126.6 %



MAT 6637

(n, n') Continuum
Cross Section

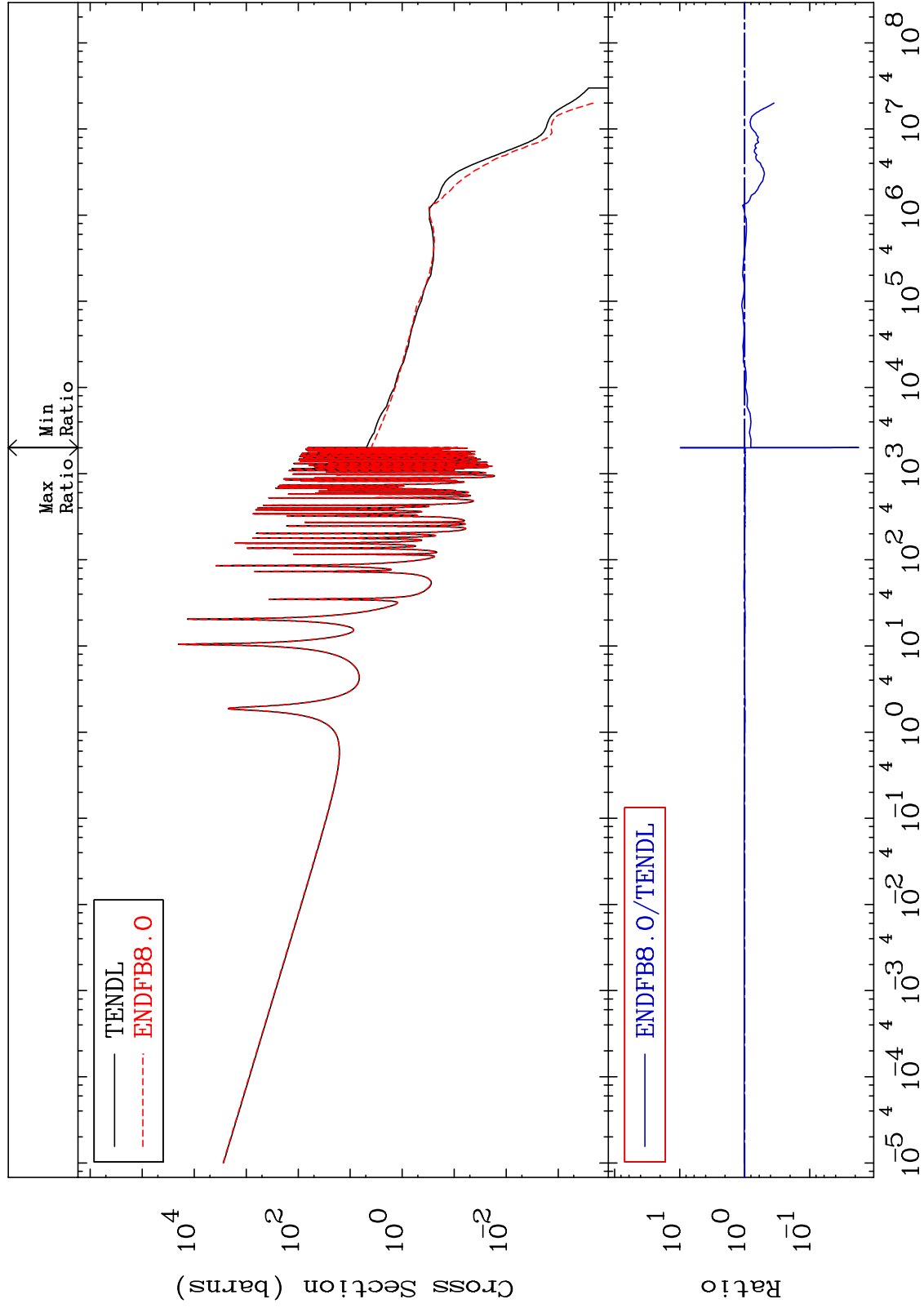
66-Dy-160
-73.32 To 156.6 %



MAT 6637

(n, γ)
Cross Section

66-Dy-160
-98.23 To 872.8 %



35

Incident Energy (eV)

66-Dy-160

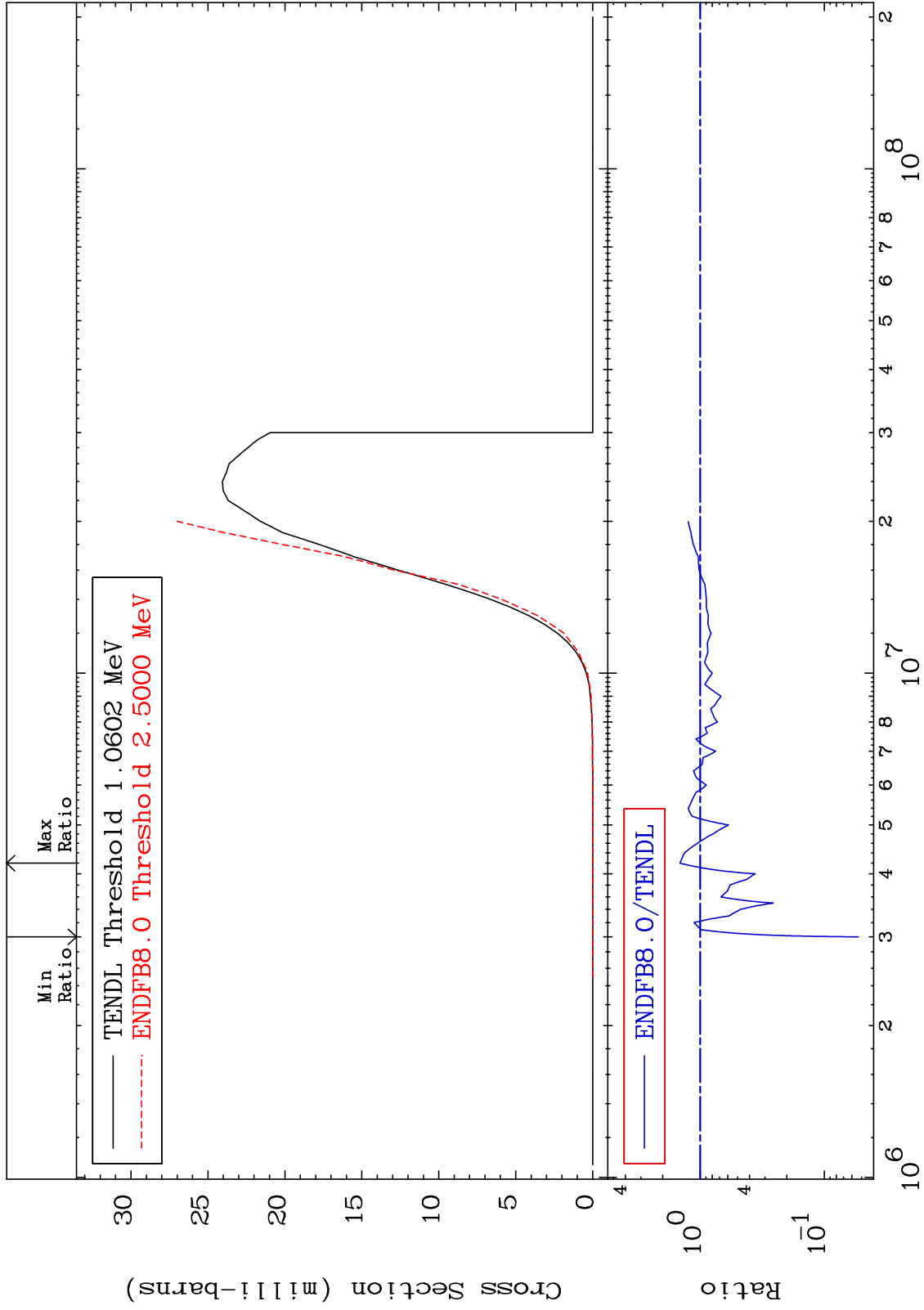
MAT 6637

(n, p)

66-Dy-160

Cross Section

-94.70 To 45.35 %



Incident Energy (eV)

66-Dy-160

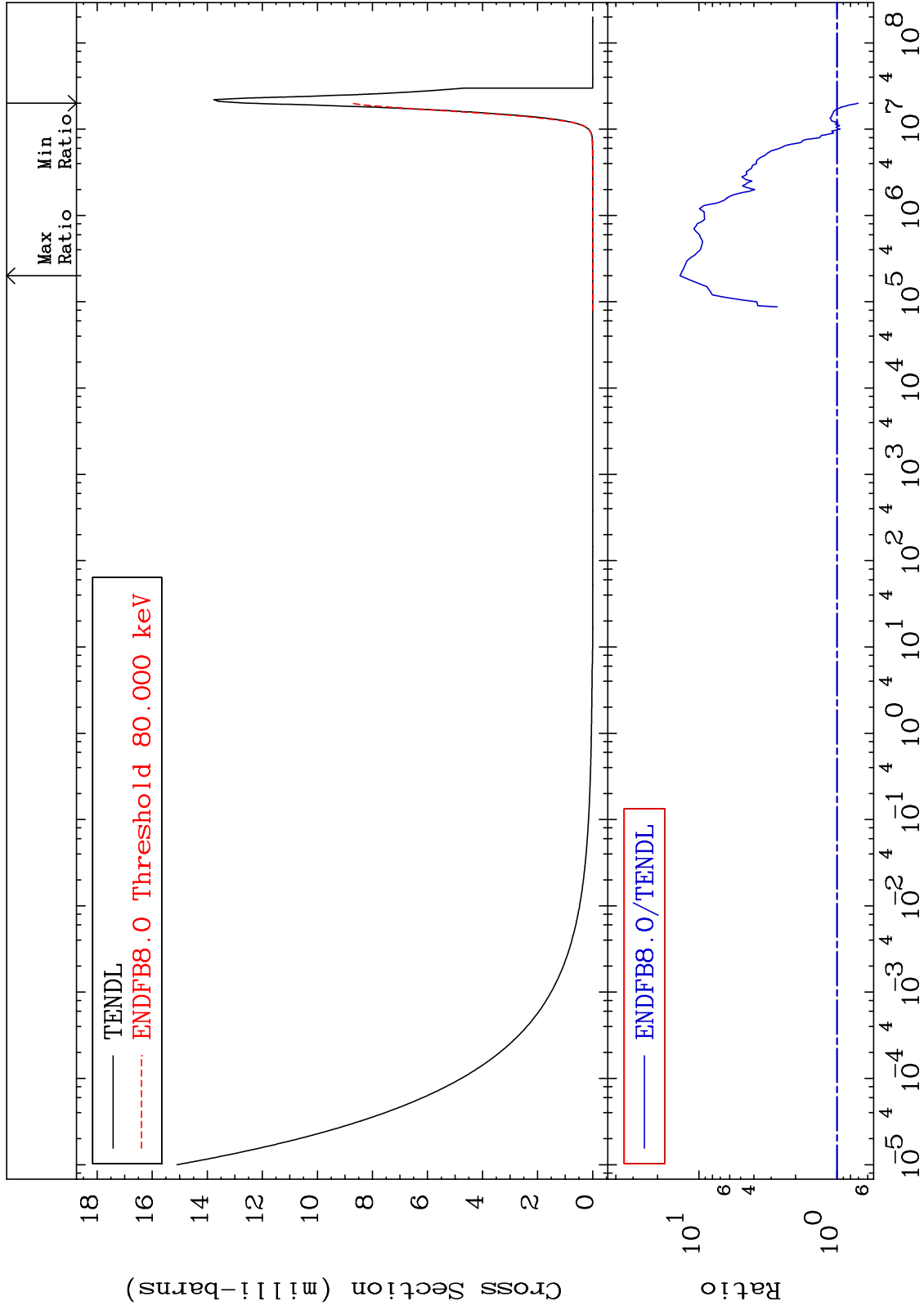
MAT 6637

(n, α)

66-Dy-160

Cross Section

-29.94 To 1271. %



37

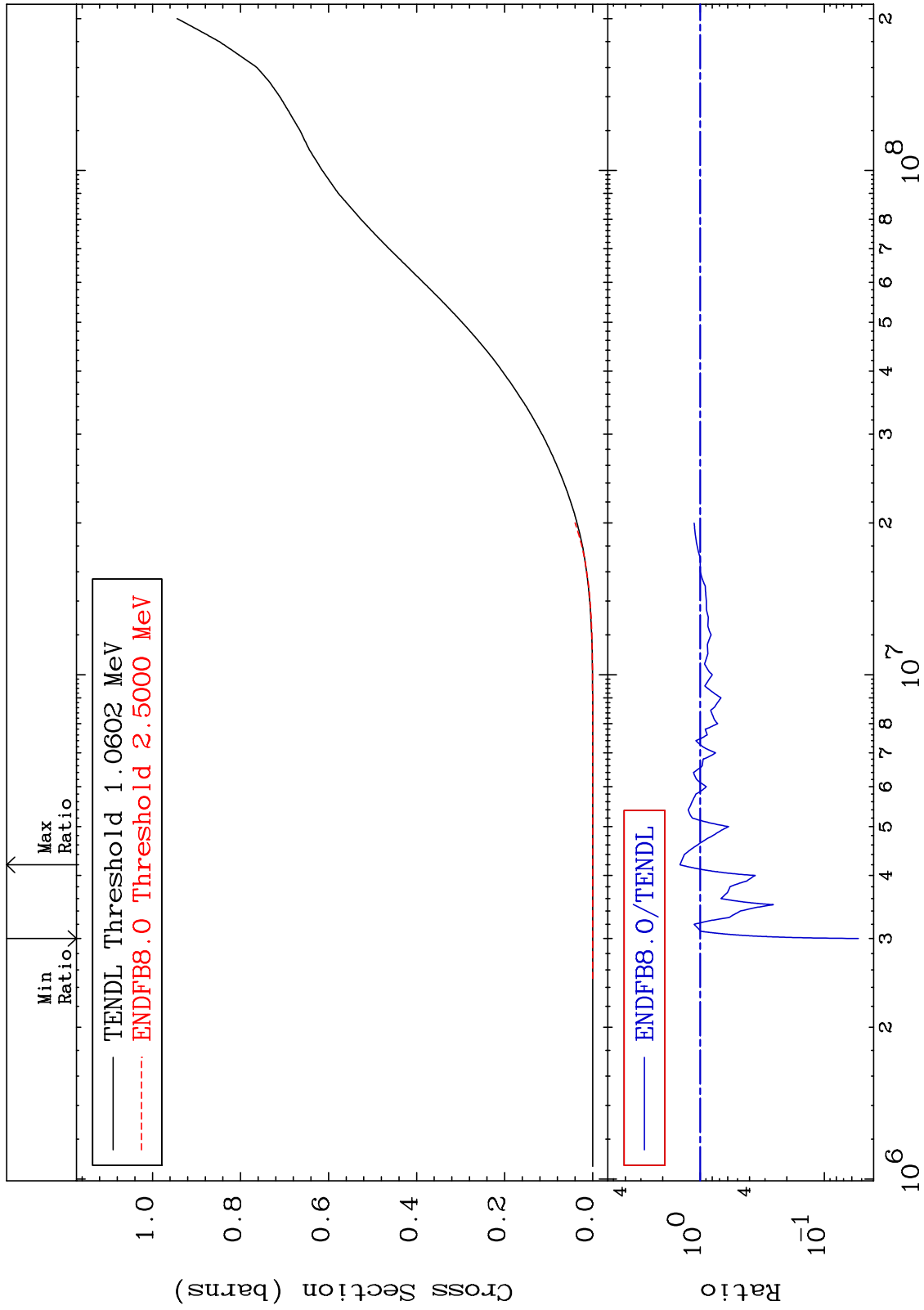
Incident Energy (eV)

66-Dy-160

MAT 6637

Hydrogen Production Cross Section

66-Dy-160
-94.70 To 45.35 %



38

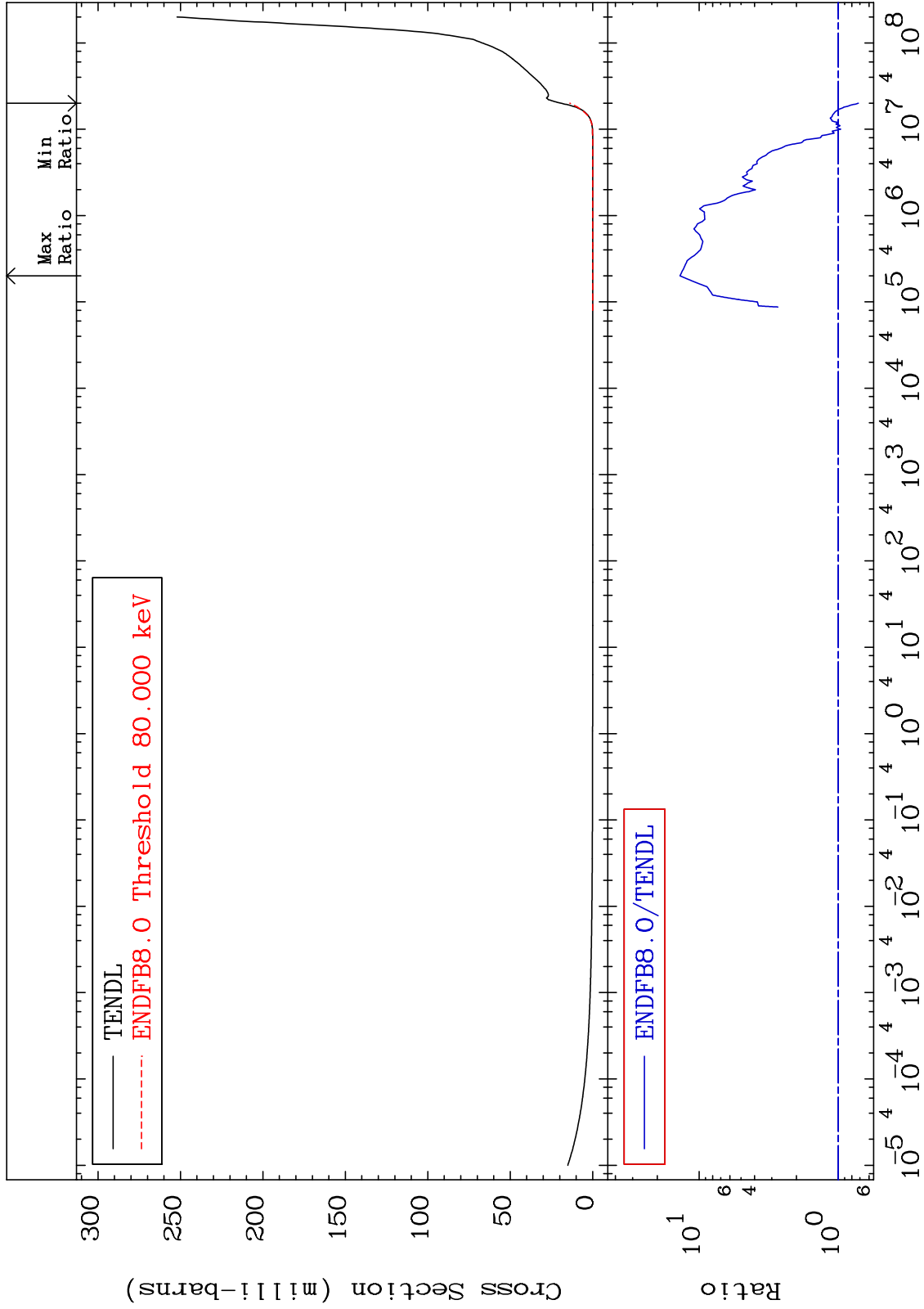
Incident Energy (eV)

66-Dy-160

MAT 6637

He-4 Production
Cross Section

66-Dy-160
-28.37 To 1271. %



39

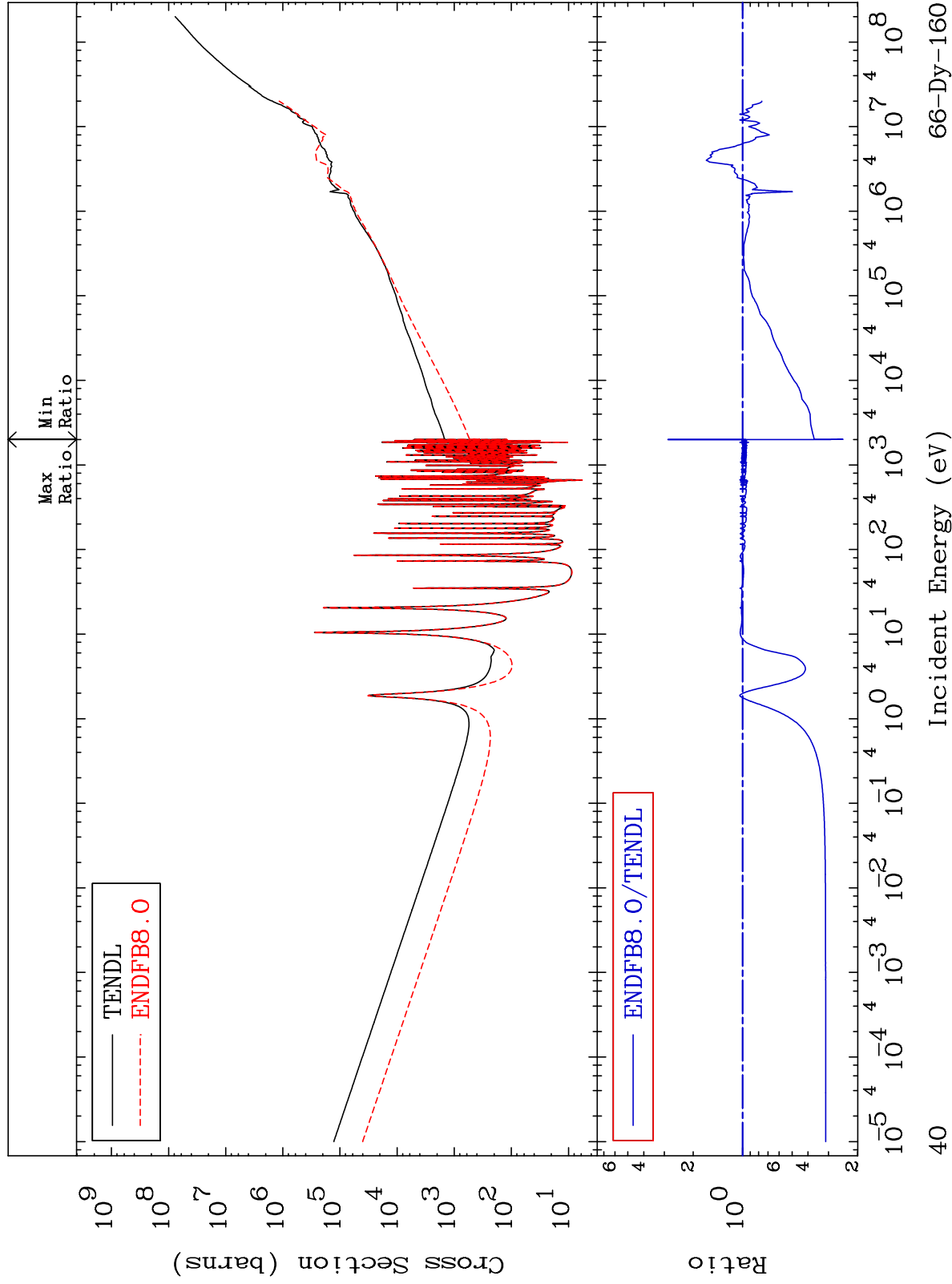
Incident Energy (eV)

66-Dy-160

MAT 6637

Kerma total (eV-barns)
Cross Section

66-Dy-160
-75.46 To 184.7 %



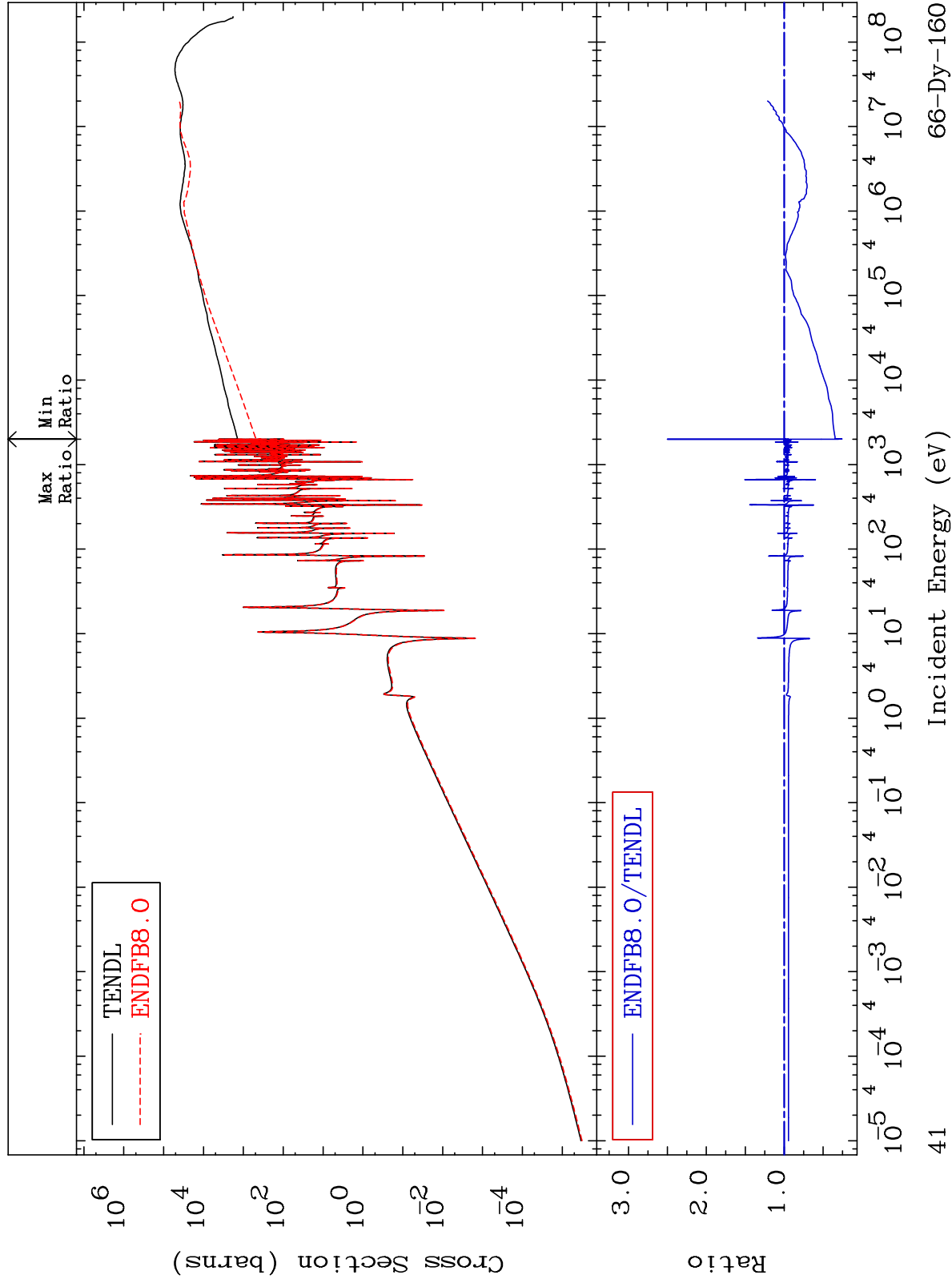
40

66-Dy-160

MAT 6637

Kerma elastic
Cross Section

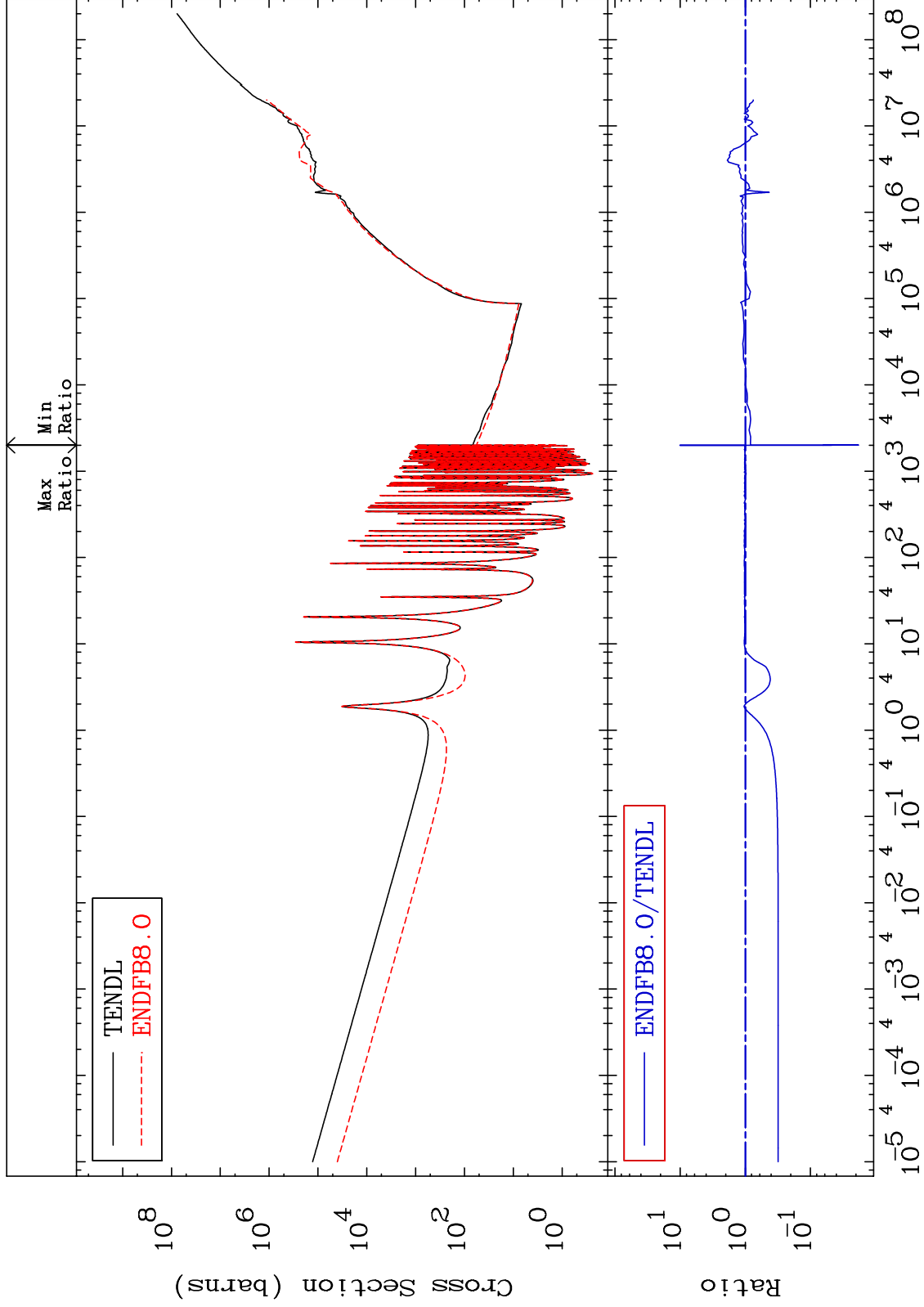
66-Dy-160
-74.41 To 149.9 %



MAT 6637

Kerma non-elastic (all but mt2)
Cross Section

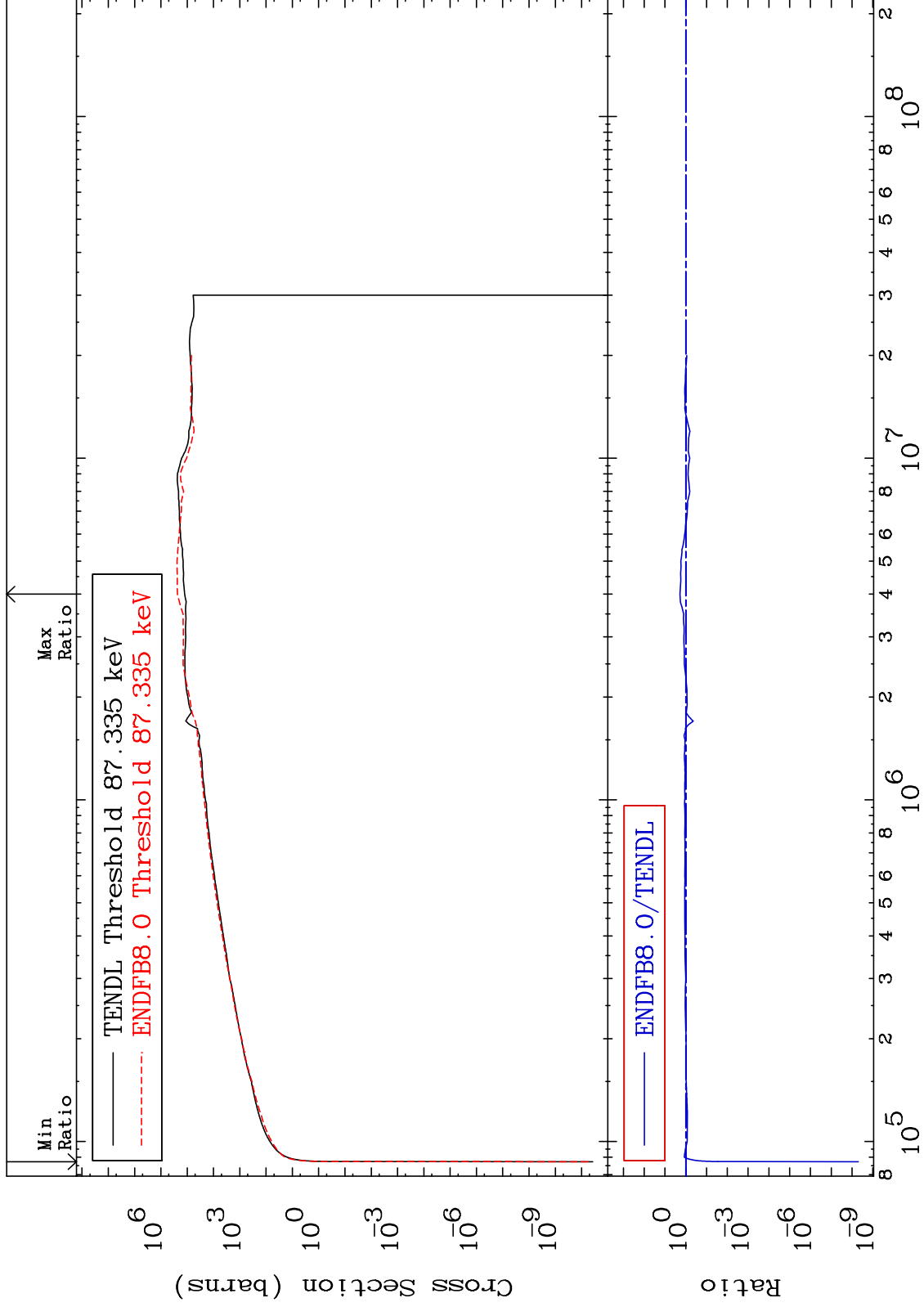
66-Dy-160
-98.17 To 905.2 %



MAT 6637

Kerma inelastic (mt51-91)
Cross Section

66-Dy-160
-100.0 To 88.46 %



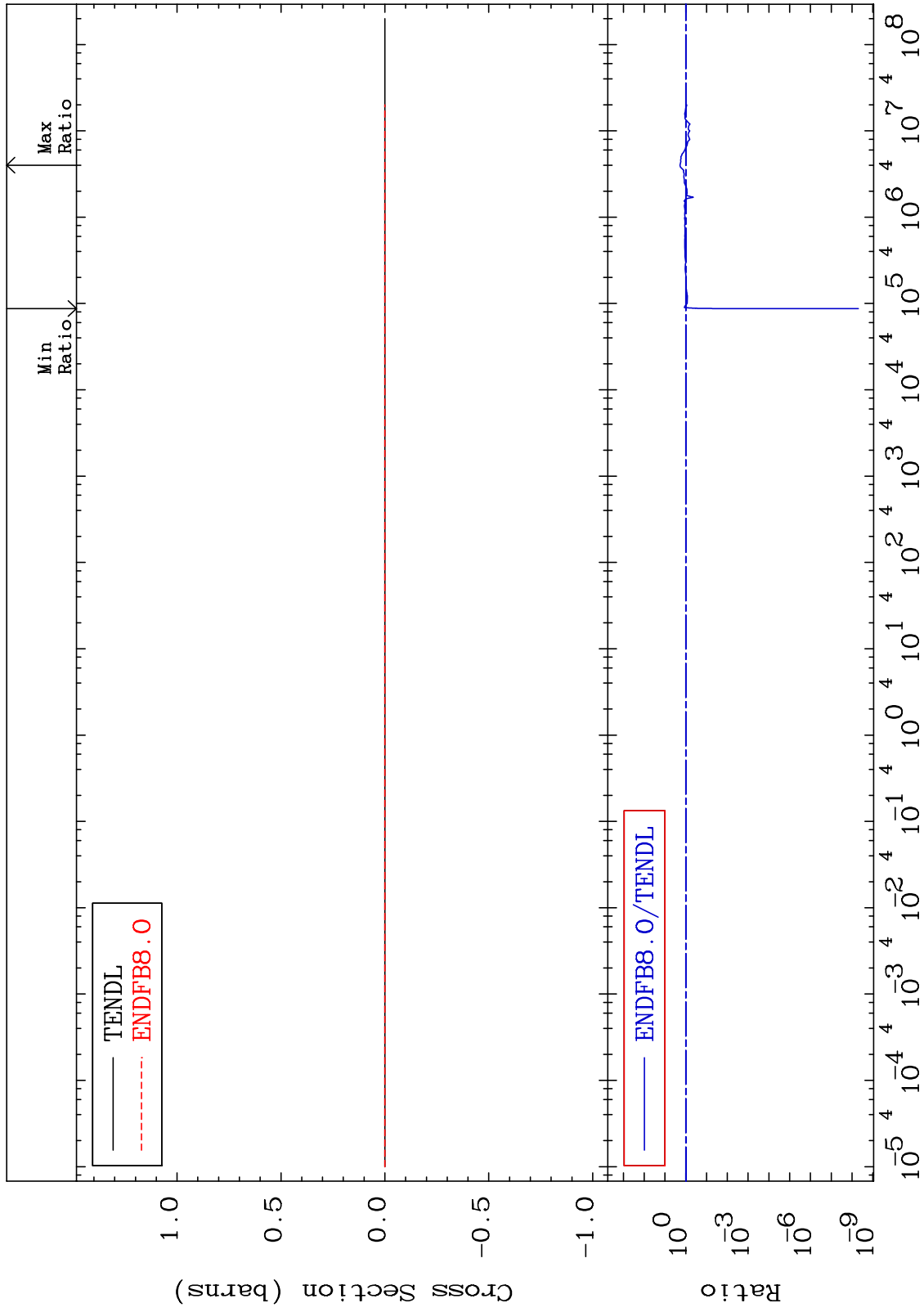
43

66-Dy-160

MAT 6637

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

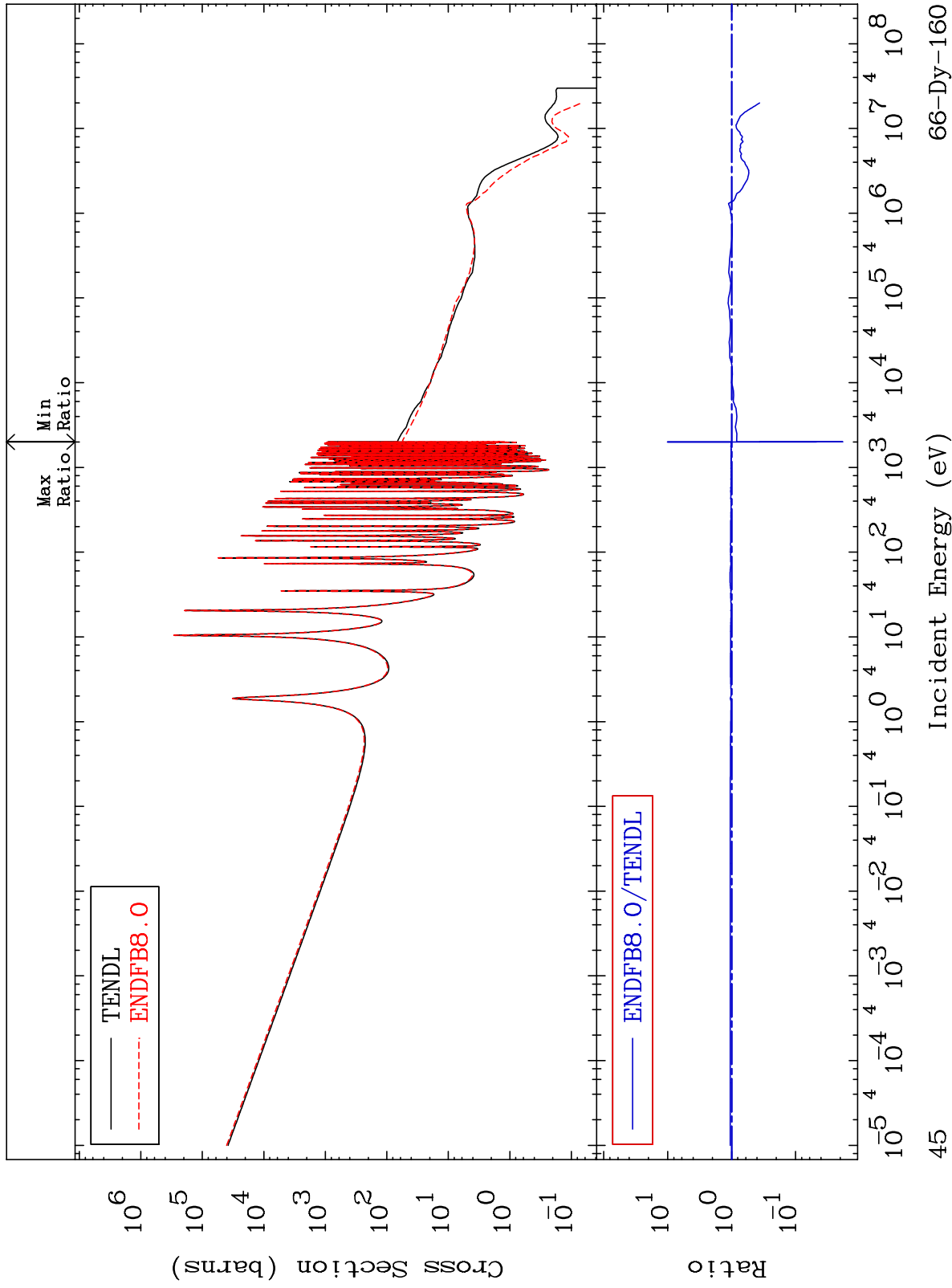
66-Dy-160
-100.0 To 88.46 %



MAT 6637

Kerma capture (mt102)
Cross Section

66-Dy-160
-98.17 To 905.3 %



45

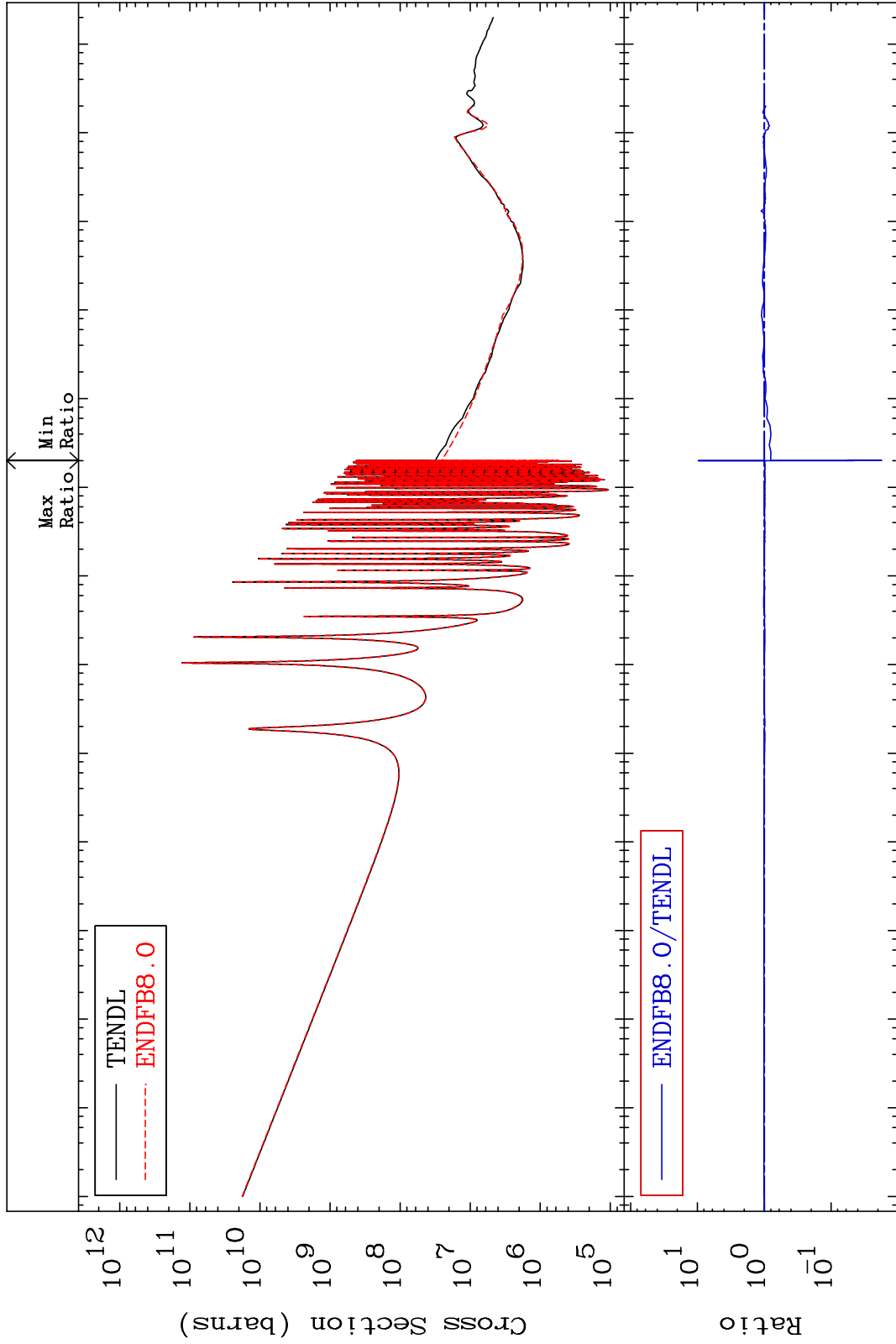
Incident Energy (eV)

66-Dy-160

MAT 6637

Total photon (eV-barns)
Cross Section

66-Dy-160
-98.23 To 870.0 %



46

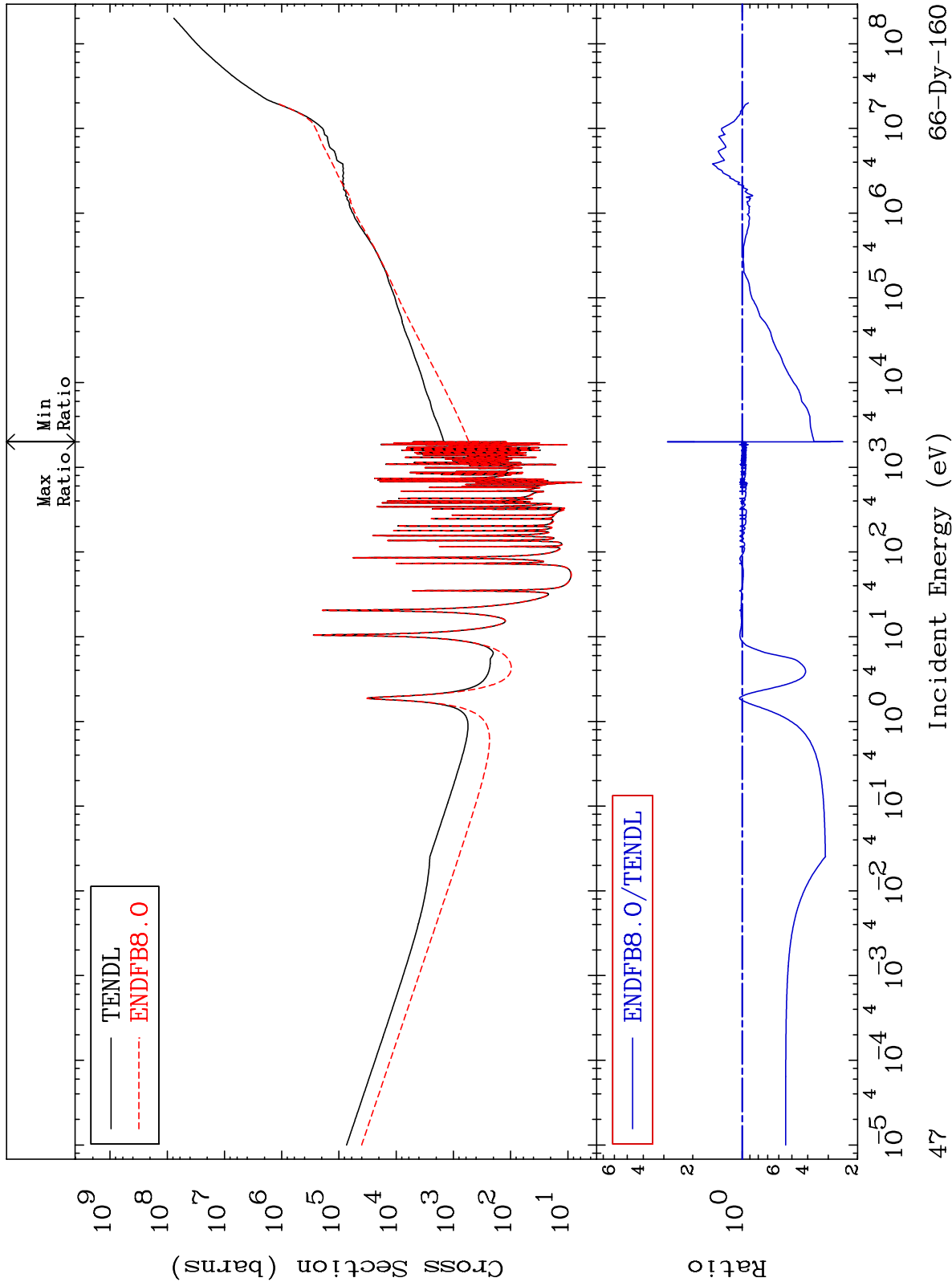
Incident Energy (eV)

66-Dy-160

MAT 6637

Total kinematic kerma (high limit)
Cross Section

66-Dy-160
-75.46 To 184.7 %



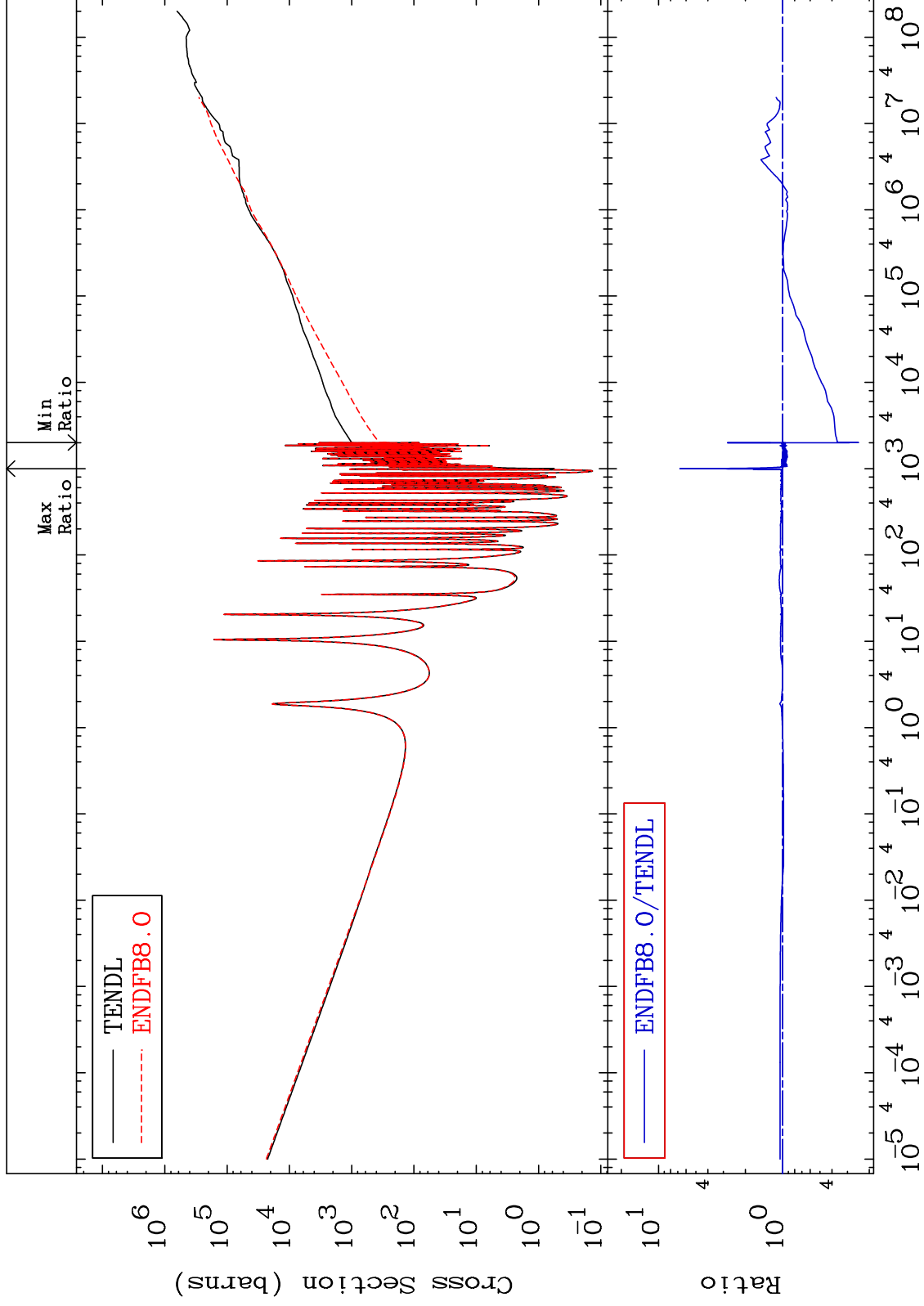
47

66-Dy-160

MAT 6637

Dpa total (eV-barns)
Cross Section

66-Dy-160
-75.55 To 572.2 %



48

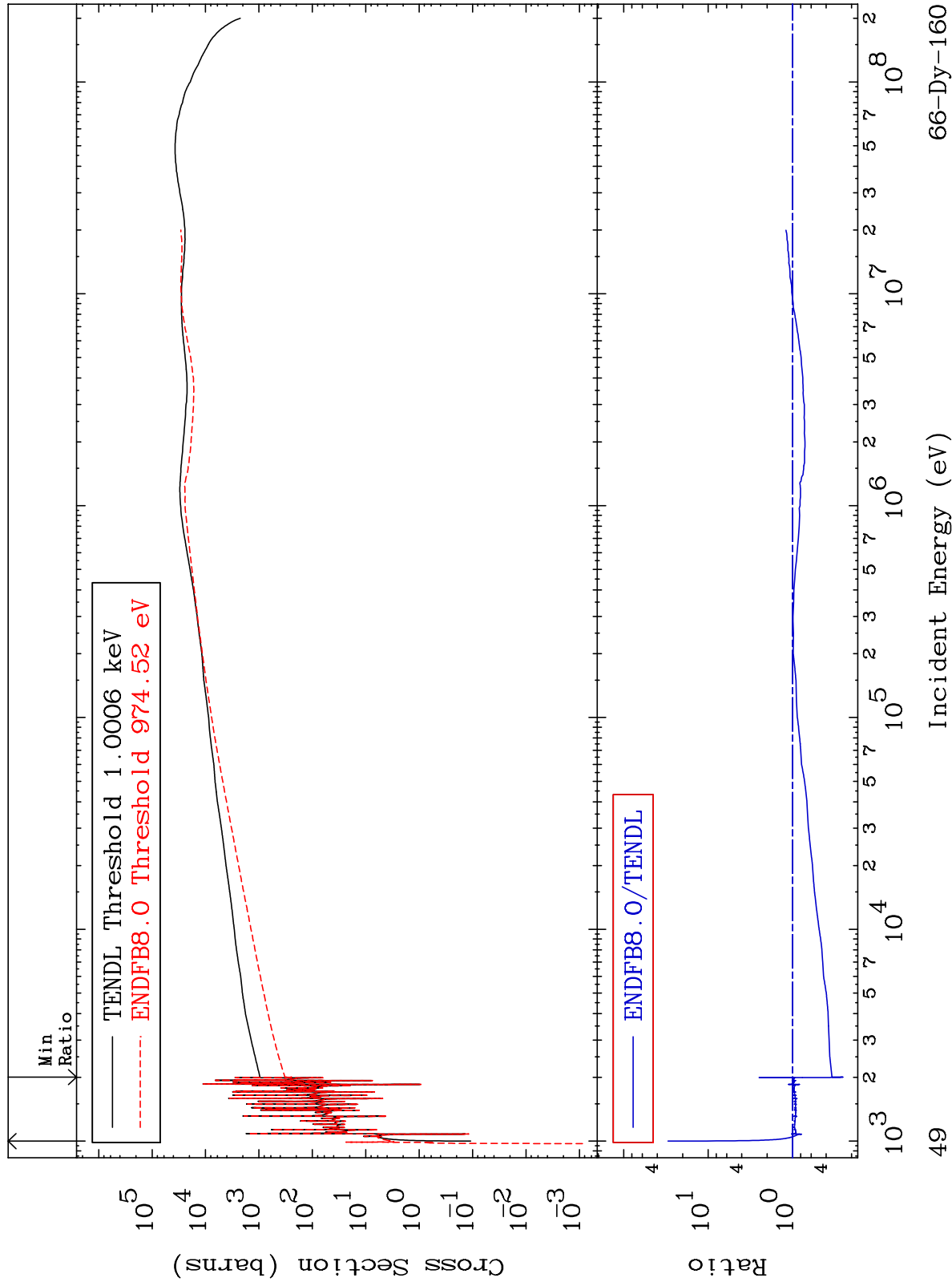
Incident Energy (eV)

66-Dy-160

MAT 6637

Dpa elastic (mt2)
Cross Section

66-Dy-160
-74.66 To 2882. %



49

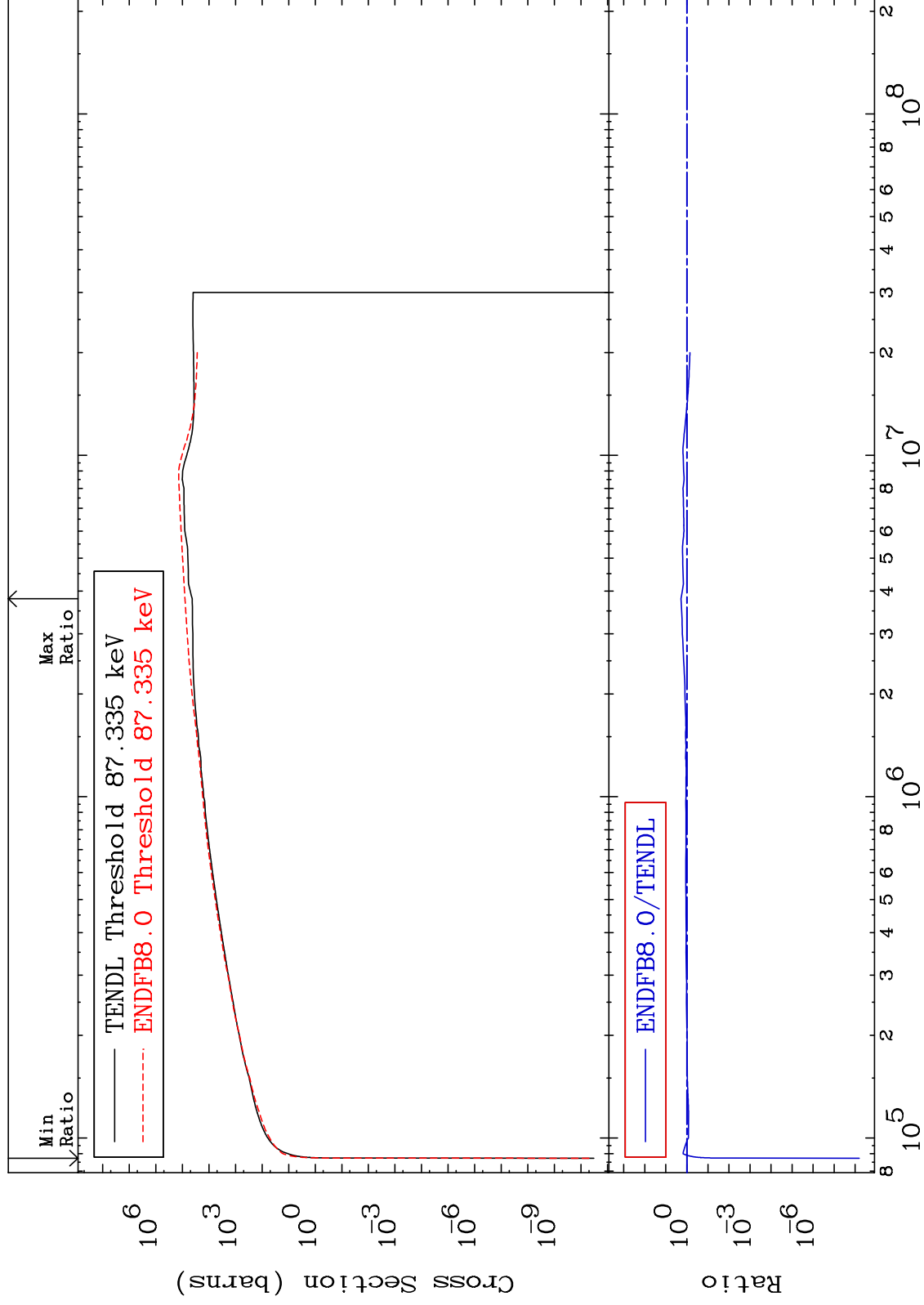
Incident Energy (eV)

66-Dy-160

MAT 6637

Dpa inelastic (mt51-91)
Cross Section

66-Dy-160
-100.0 To 88.73 %



50

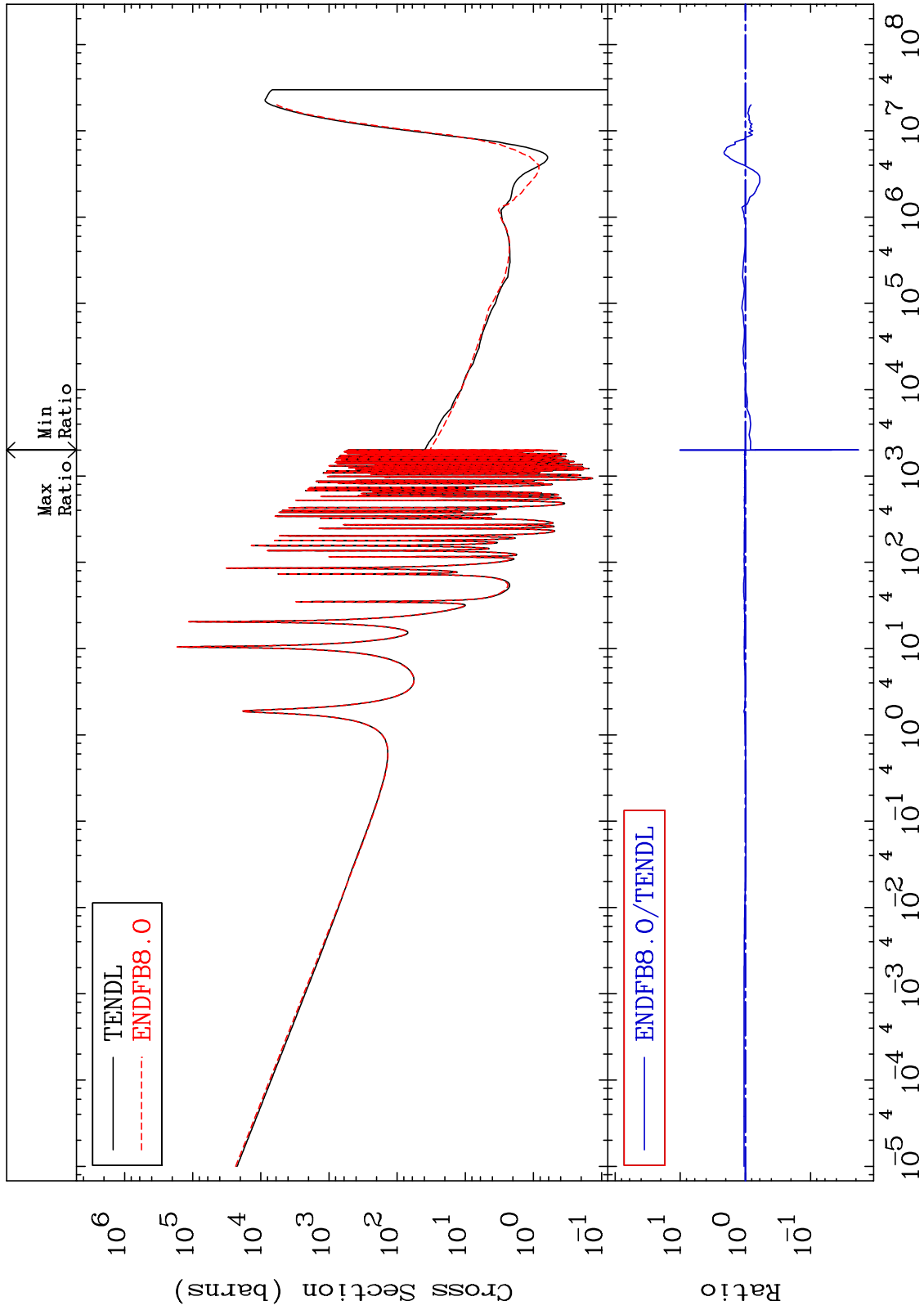
Incident Energy (eV)

66-Dy-160

MAT 6637

Dpa disappearance (mt102 -120)
Cross Section

66-Dy-160
-98.16 To 908.6 %



51

Incident Energy (eV)

66-Dy-160