

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

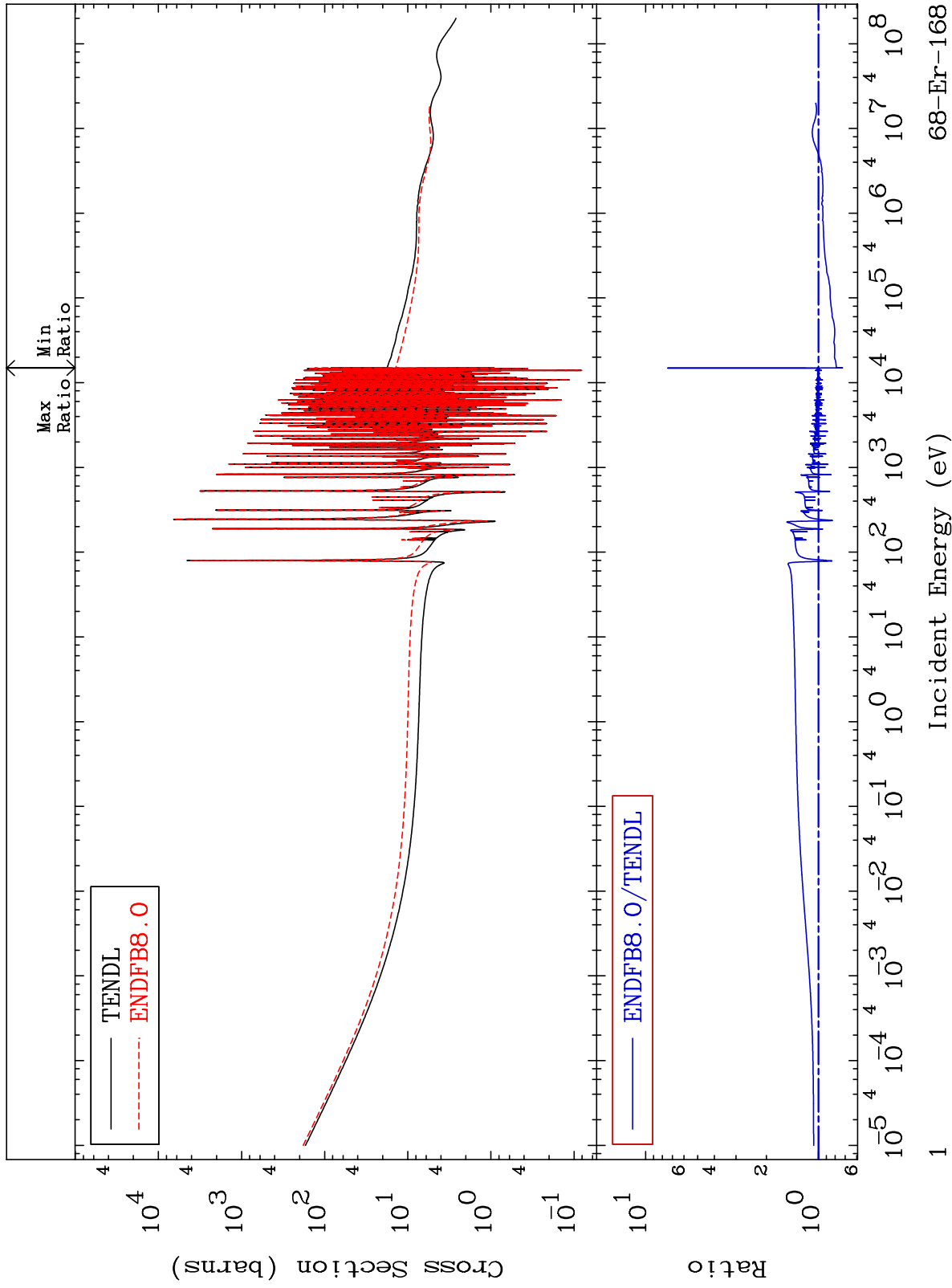
MAT 6843

Total

68-Er-168

Cross Section

-27.56 To 646.6 %



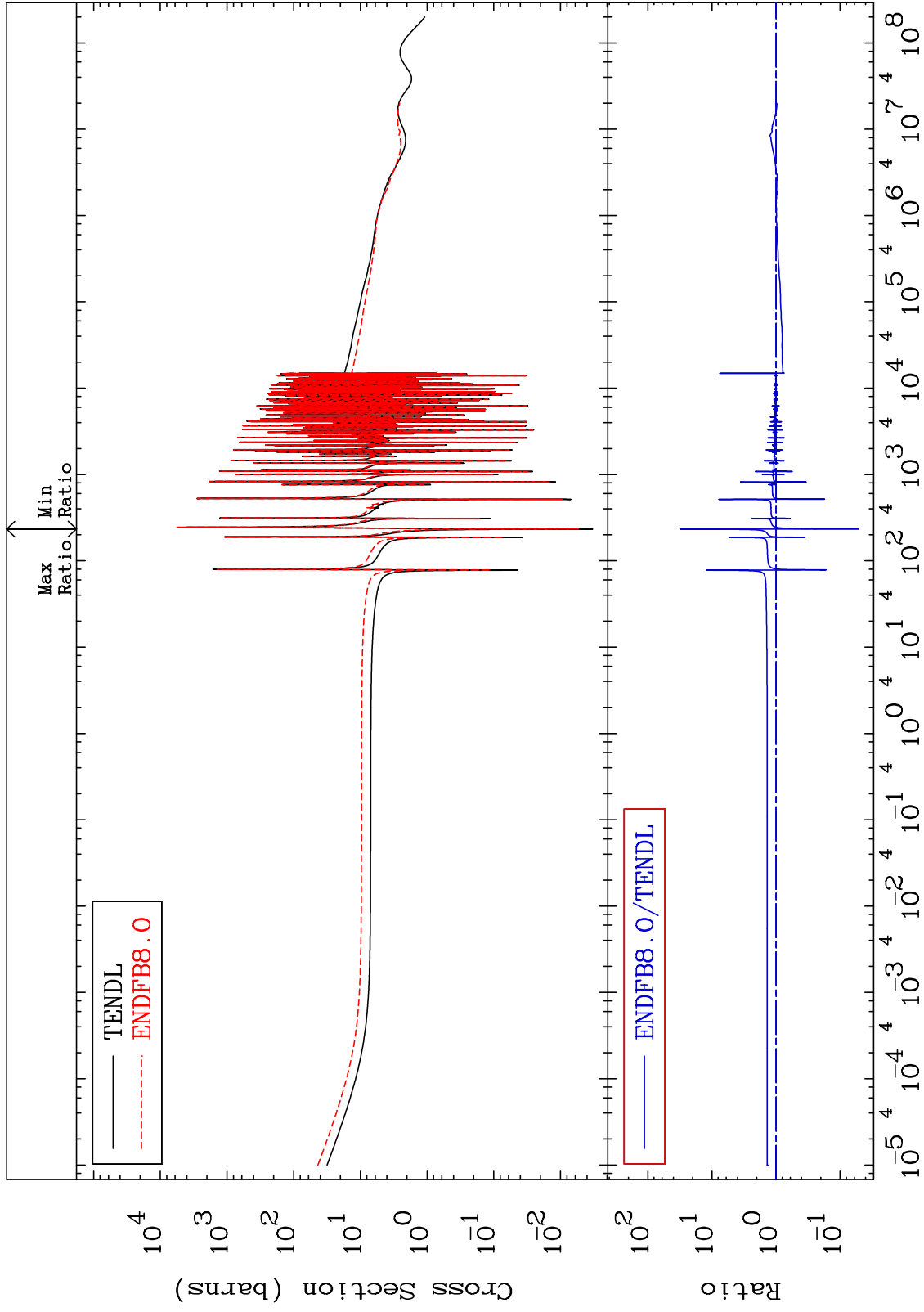
Incident Energy (eV)

68-Er-168

MAT 6843

Elastic
Cross Section

68-Er-168
-94.81 To 3049. %



Incident Energy (eV)

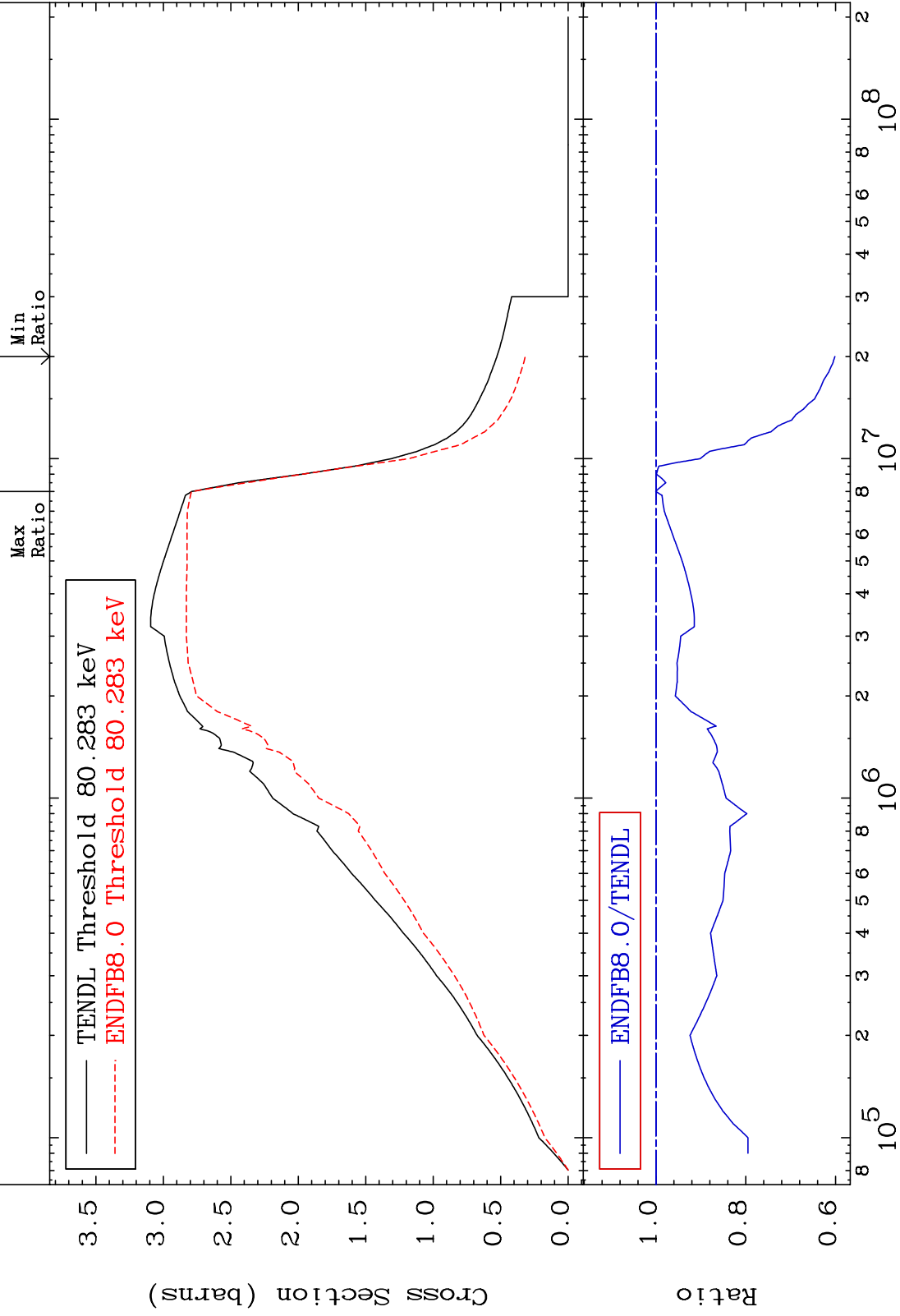
68-Er-168

MAT 6843

68-Er-168

-39.88 To 0.041 %

Inelastic
Cross Section



68-Er-168

Incident Energy (eV)

3

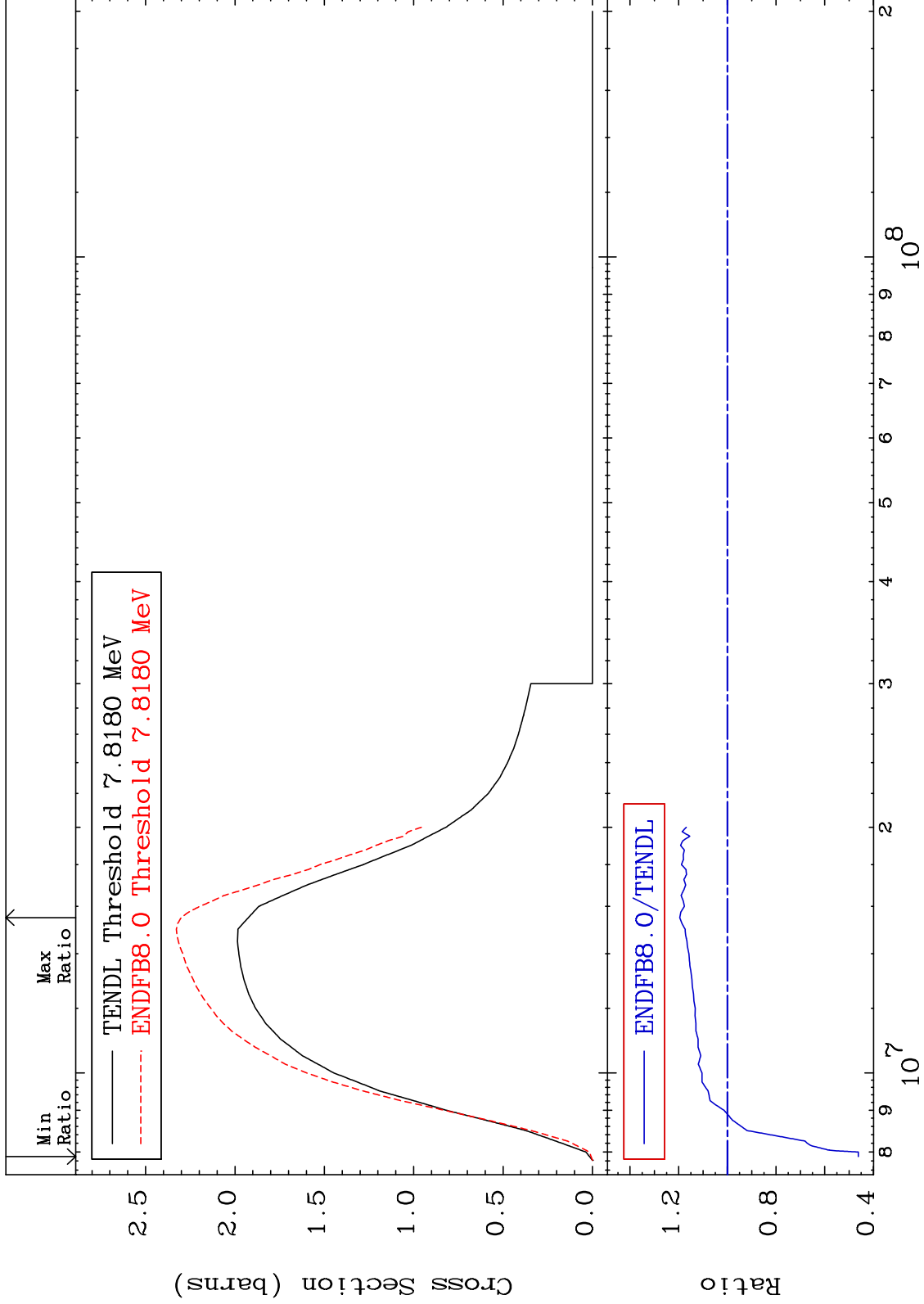
MAT 6843

(n,2n)

68-Er-168

Cross Section

-53.81 To 19.55 %



4

Incident Energy (eV)

68-Er-168

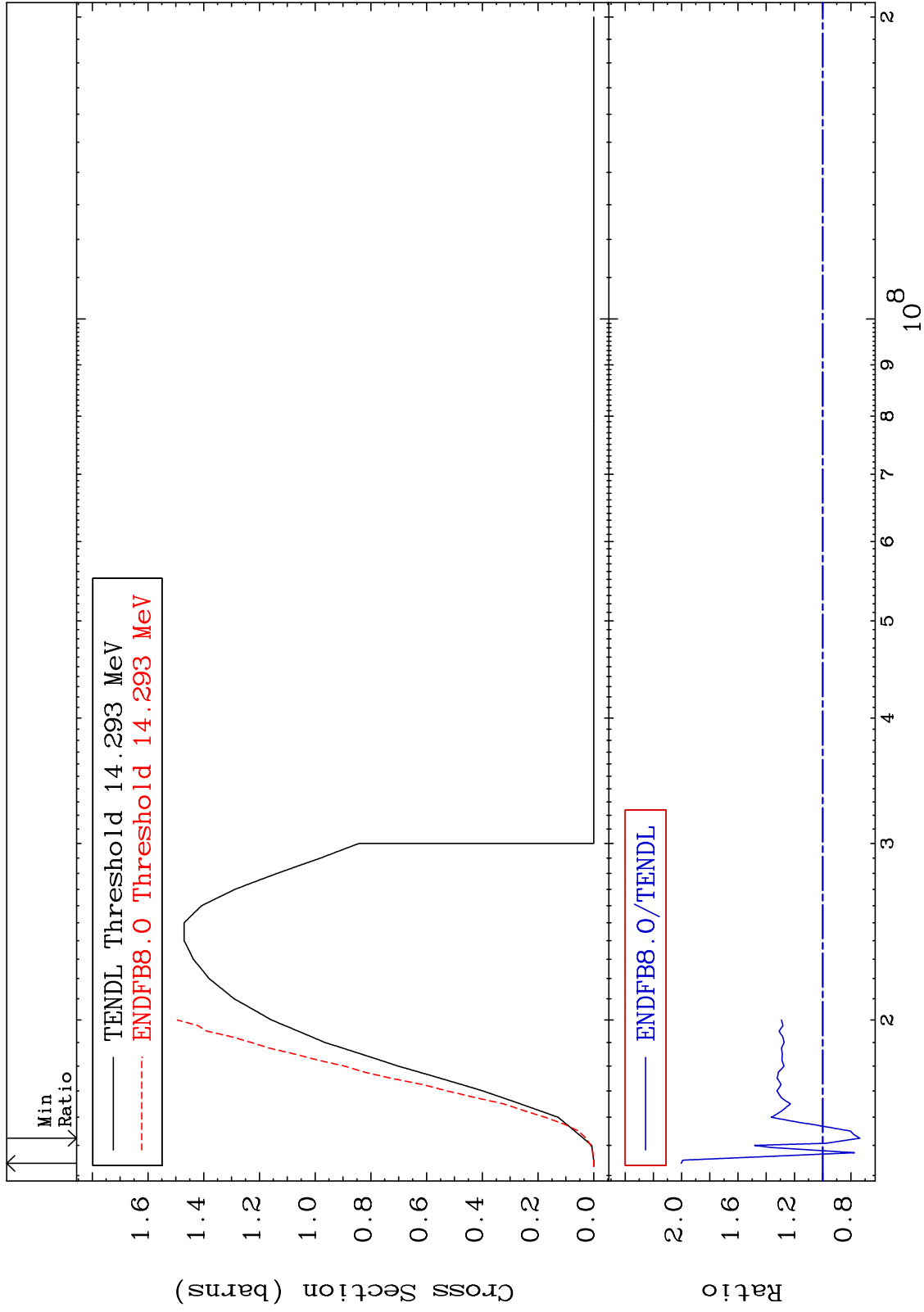
MAT 6843

(n,3n)

68-Er-168

Cross Section

-26.39 To 100.3 %



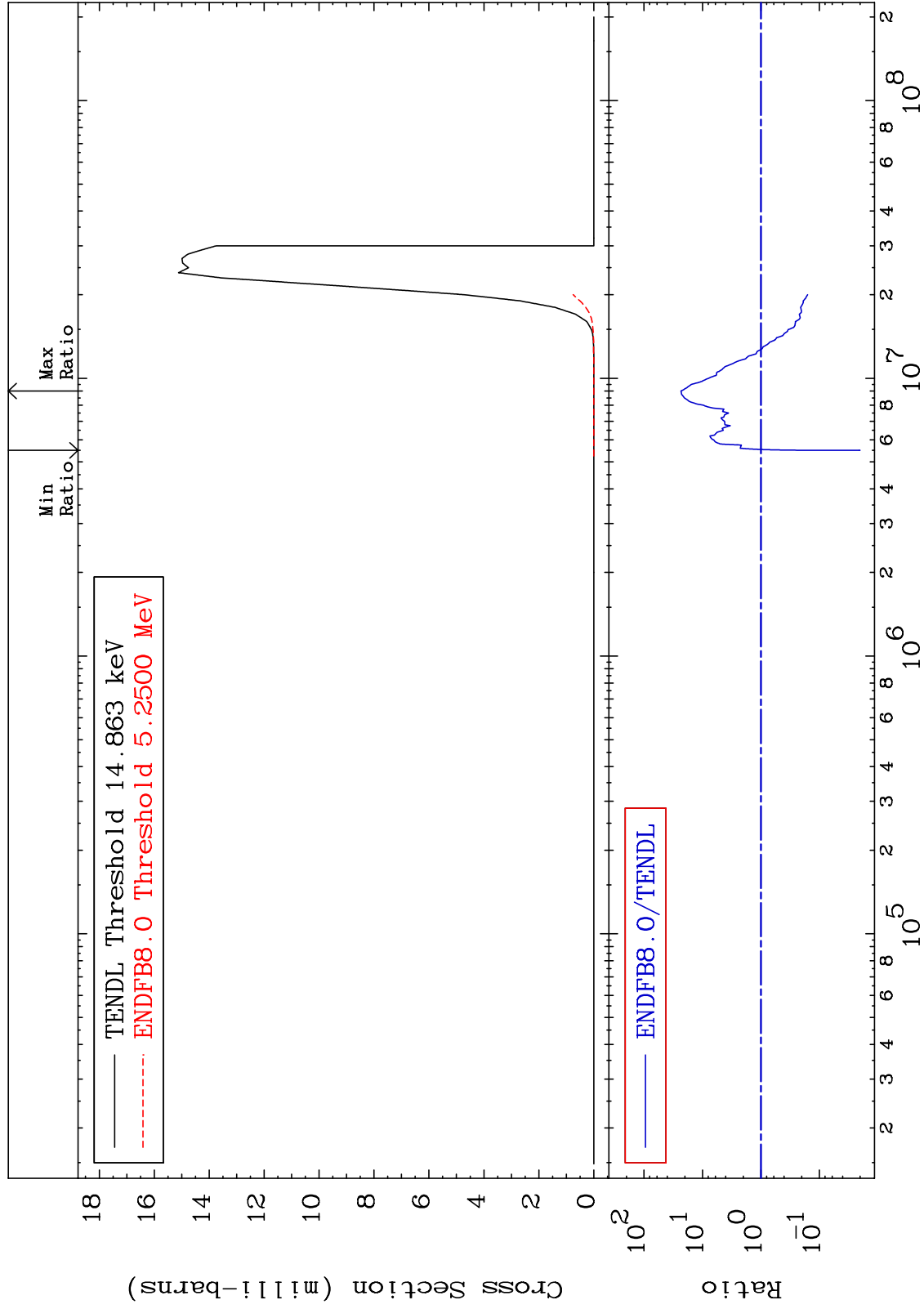
MAT 6843

$(n, n') \alpha$

68-Er-168

Cross Section

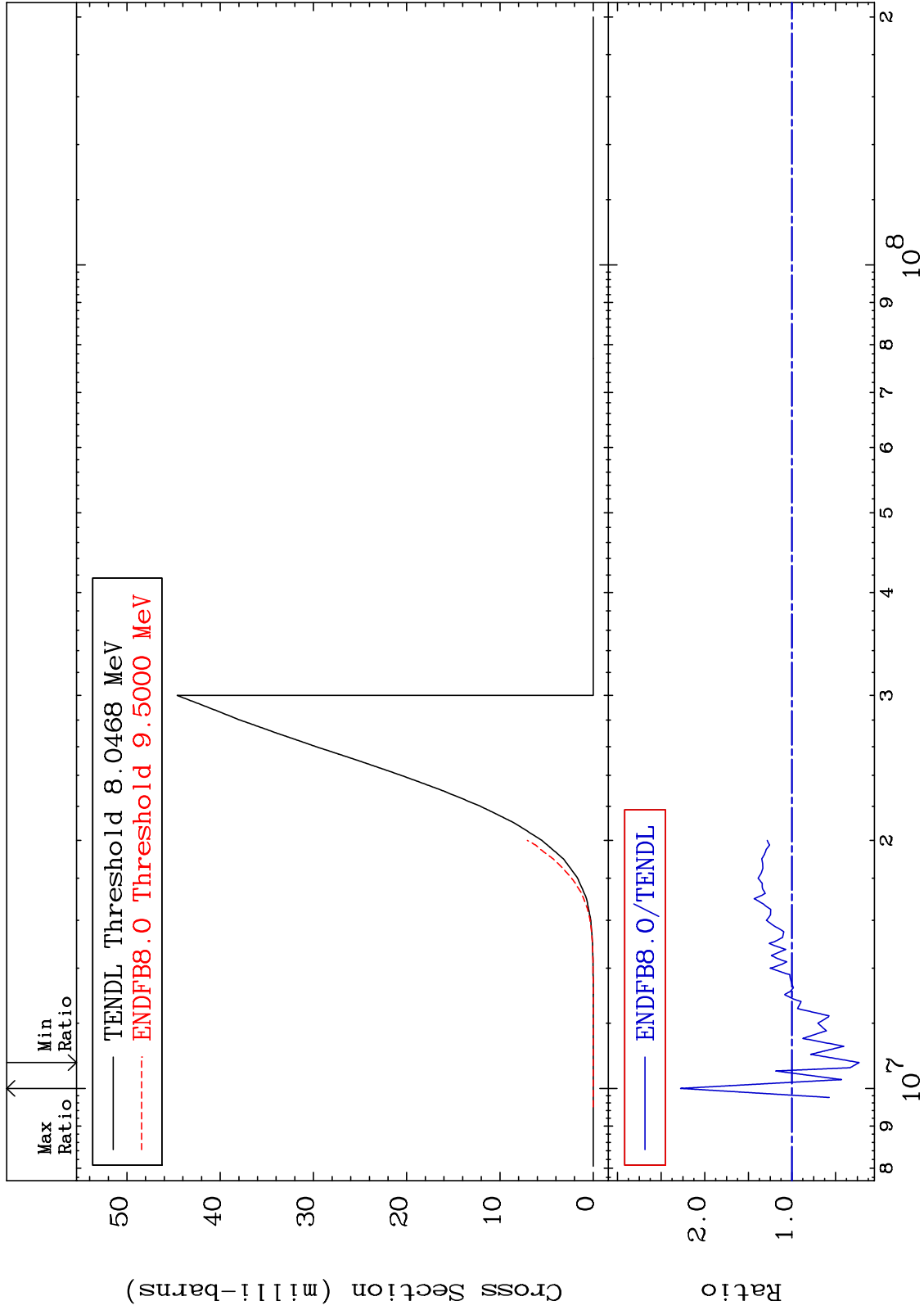
-97.93 To 2226. %



MAT 6843

(n,n') p
Cross Section

68-Er-168
-77.04 To 127.7 %



Incident Energy (eV)

68-Er-168

7

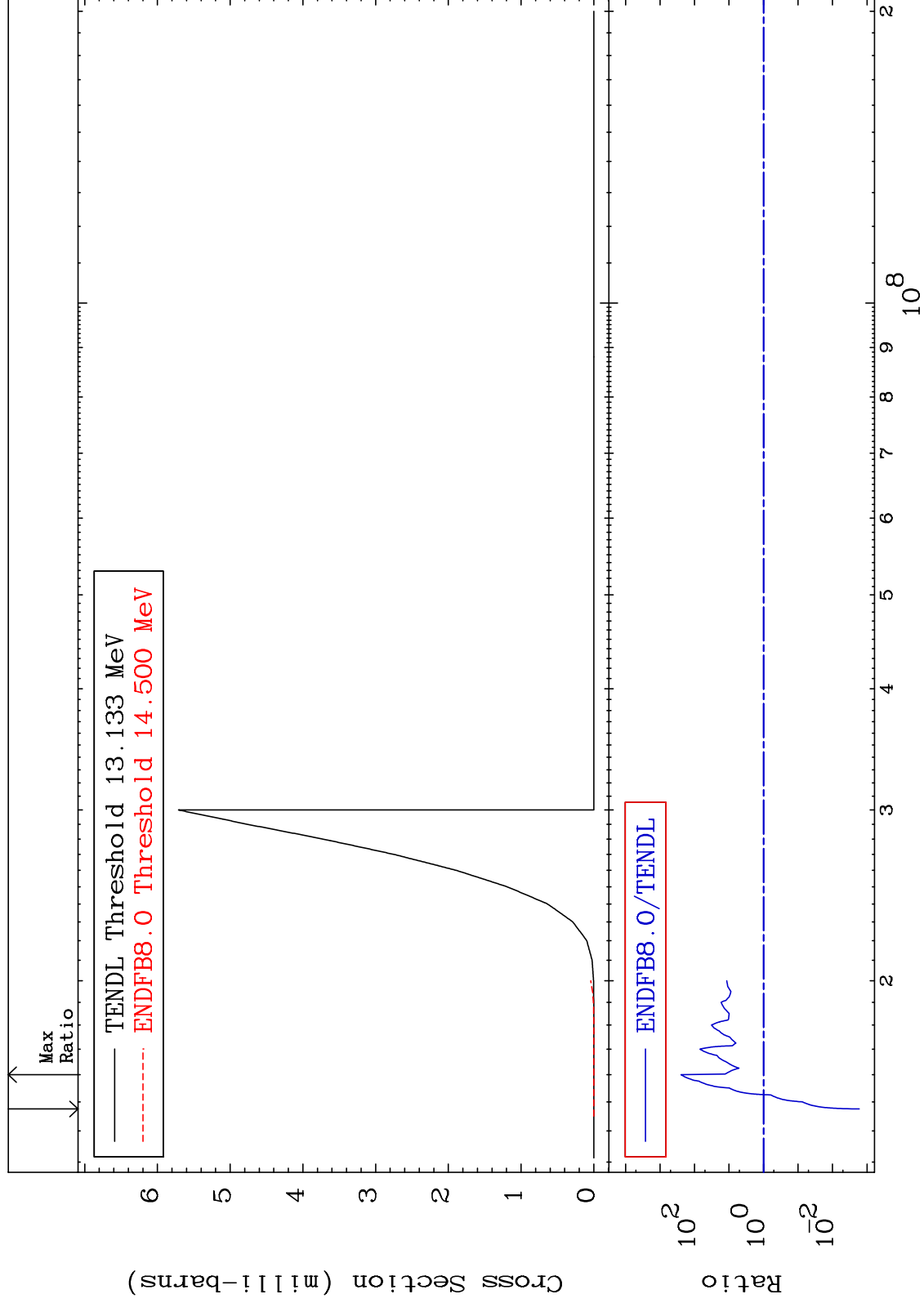
MAT 6843

(n,n') d

68-Er-168

Cross Section

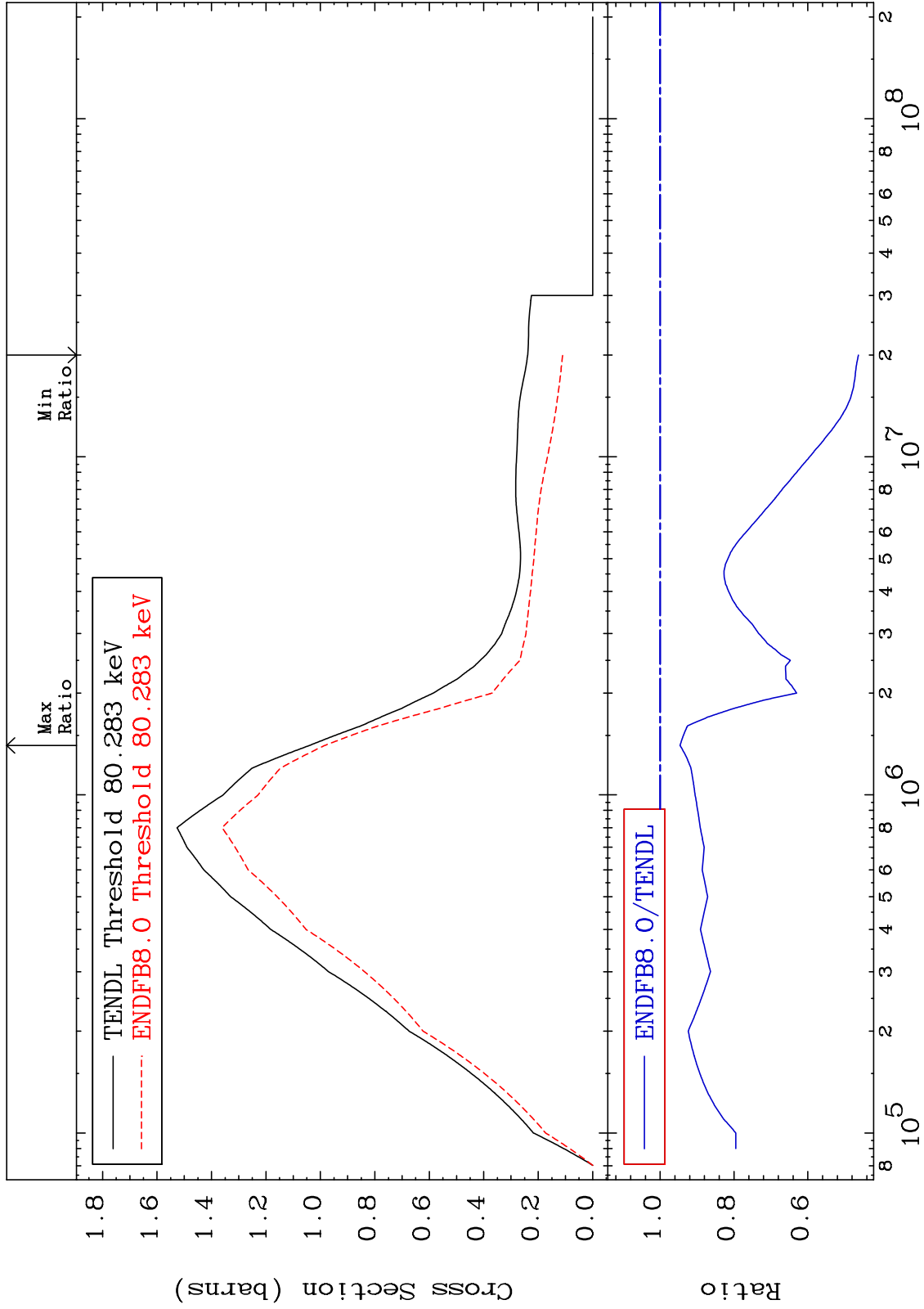
-99.83 To 9999. %



MAT 6843

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

68-Er-168
-53.70 To -5.372%

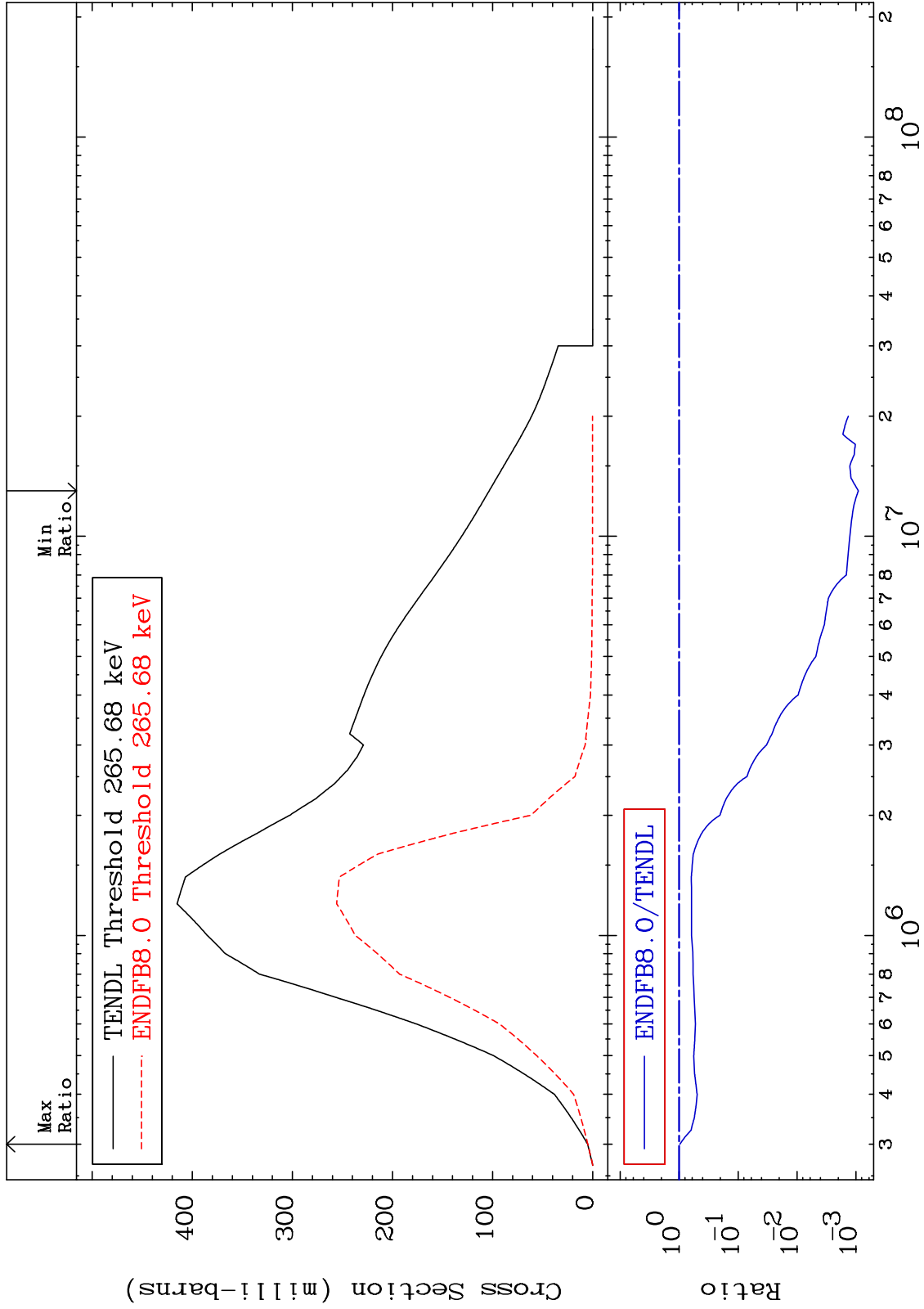


9 Incident Energy (eV) 68-Er-168

MAT 6843

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

68-Er-168
-99.91 To -3.223%



10

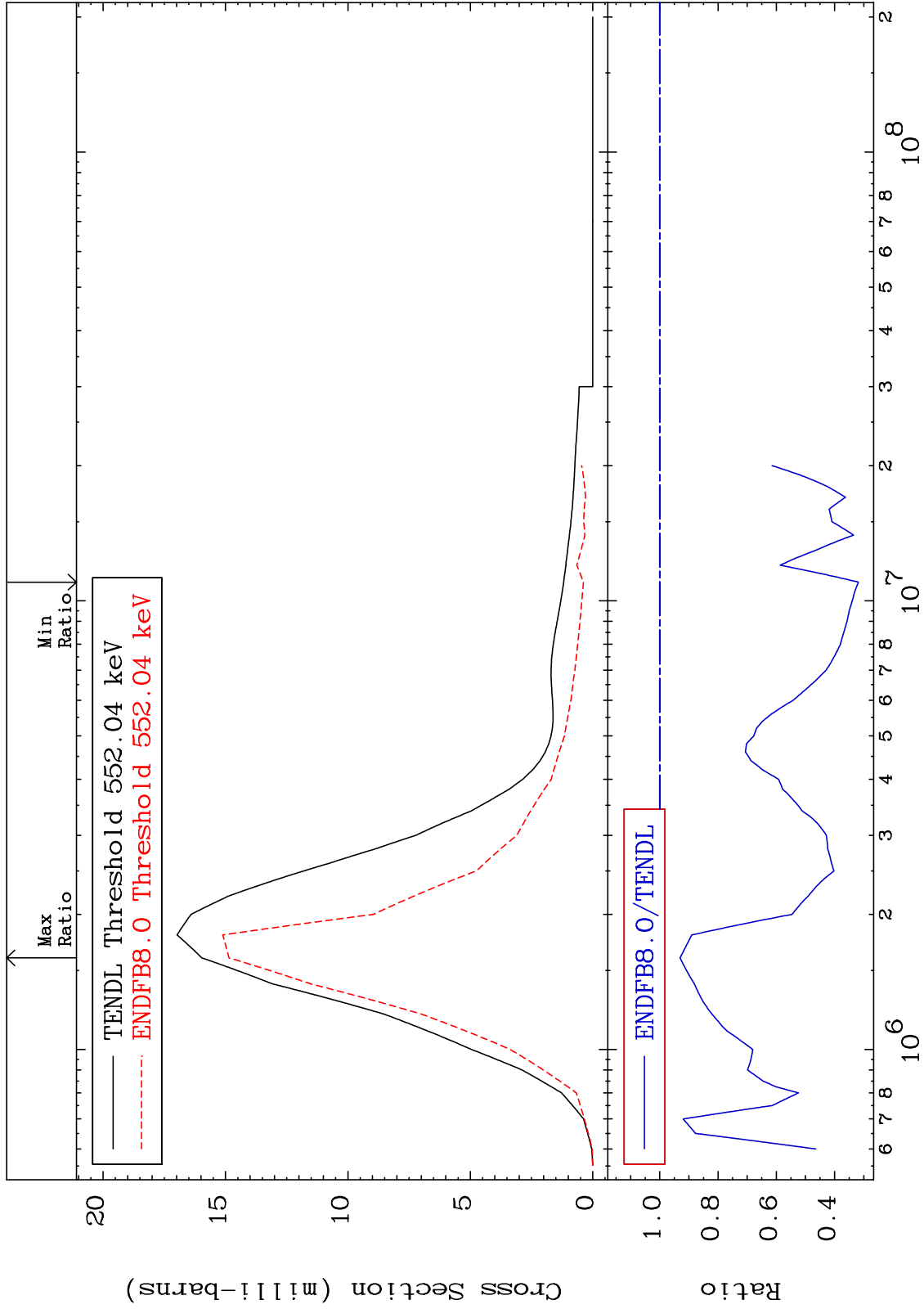
Incident Energy (eV)

68-Er-168

MAT 6843

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

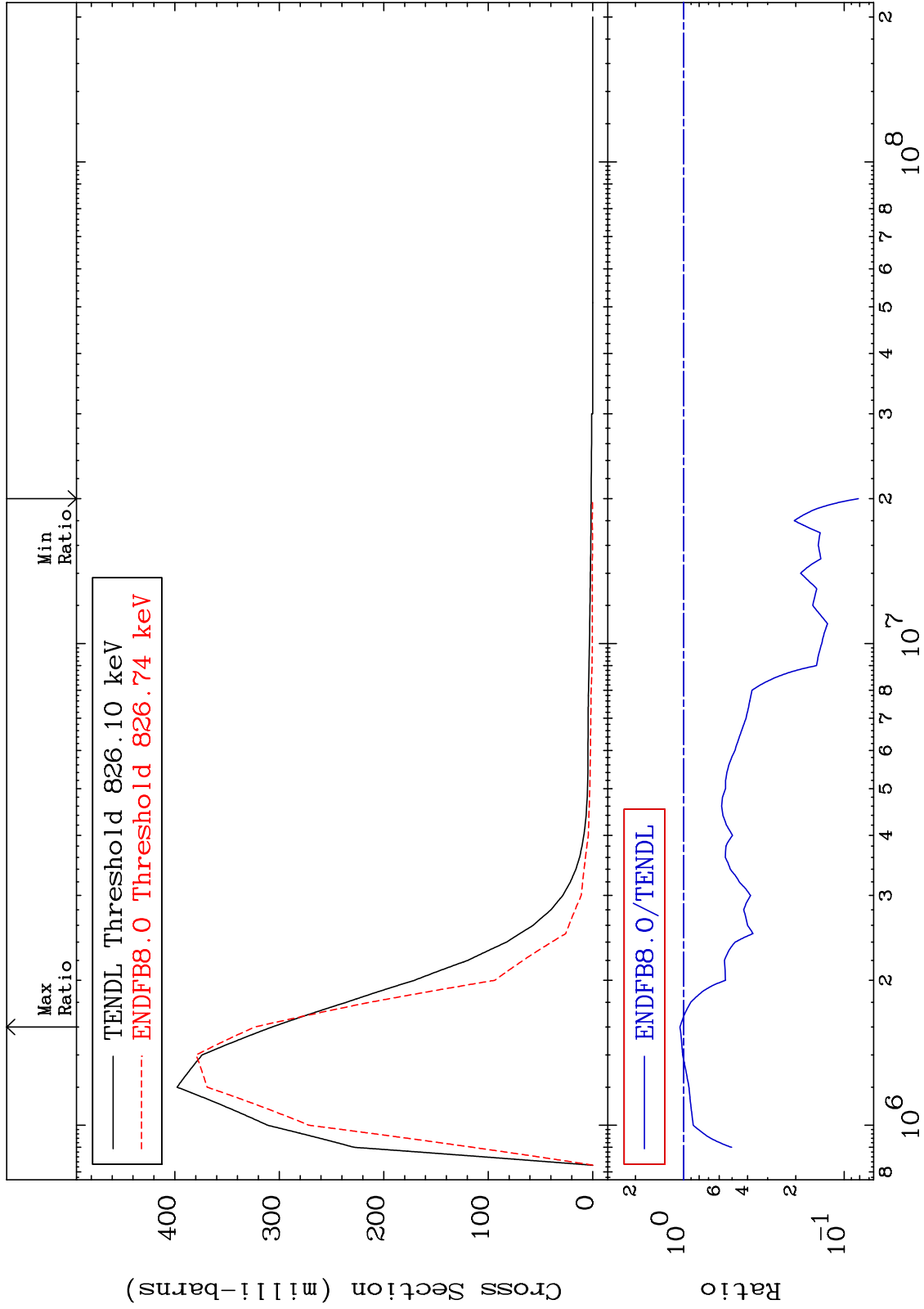
68-Er-168
-68.17 To -6.958%



MAT 6843

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

68-Er-168
-91.86 To 5.418 %



12

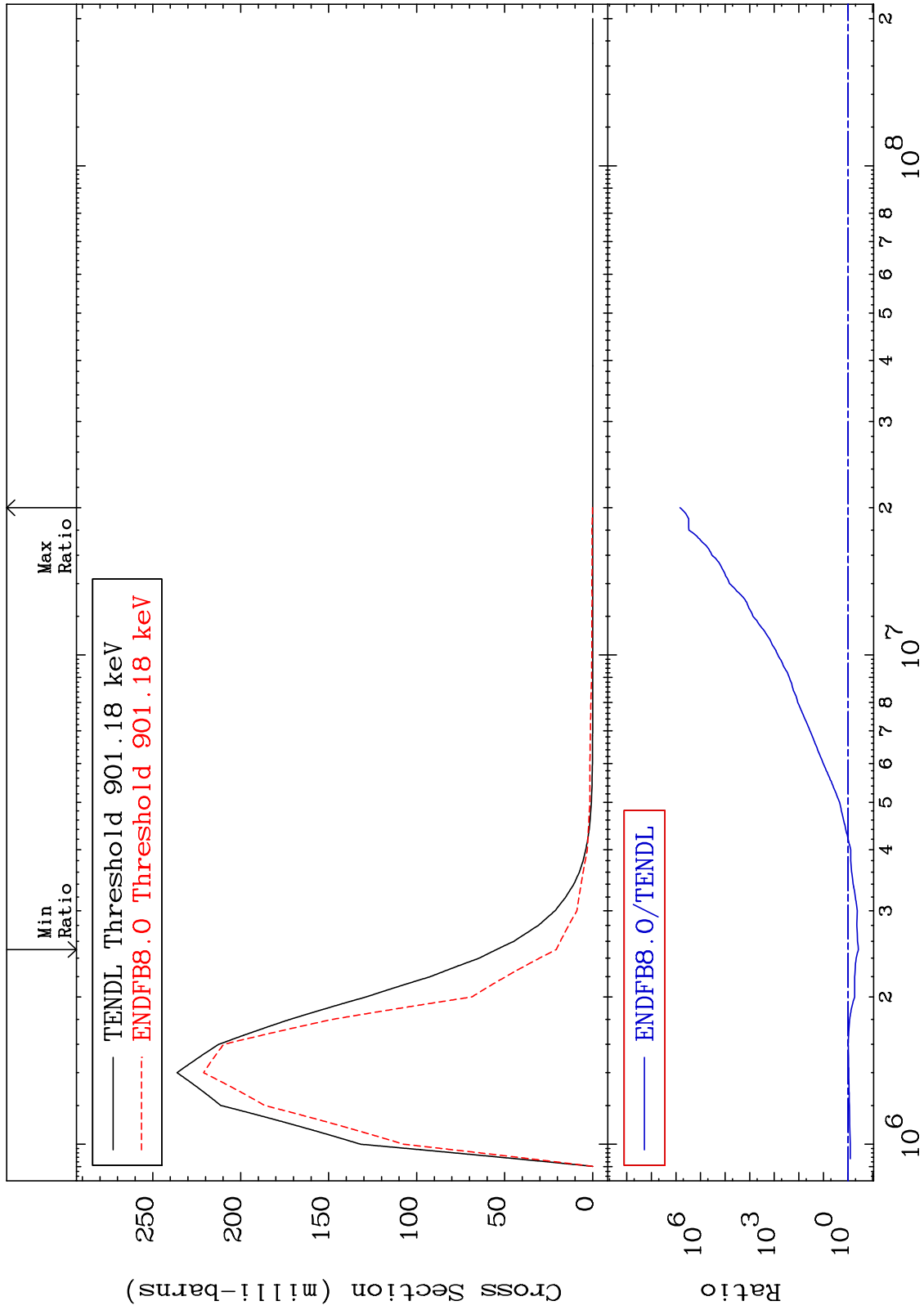
Incident Energy (eV)

68-Er-168

MAT 6843

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

68-Er-168
-62.12 To 9999. %



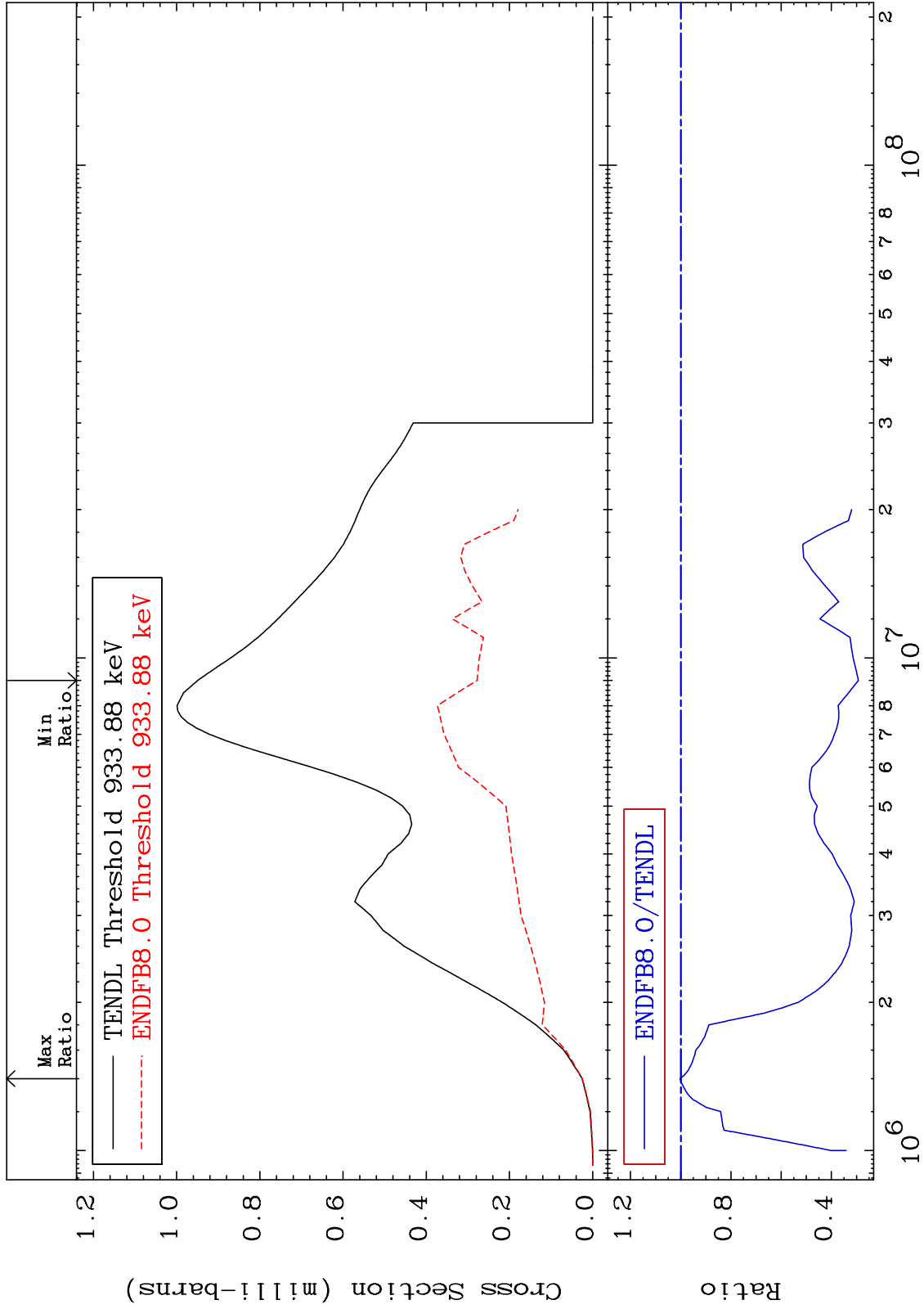
13

68-Er-168

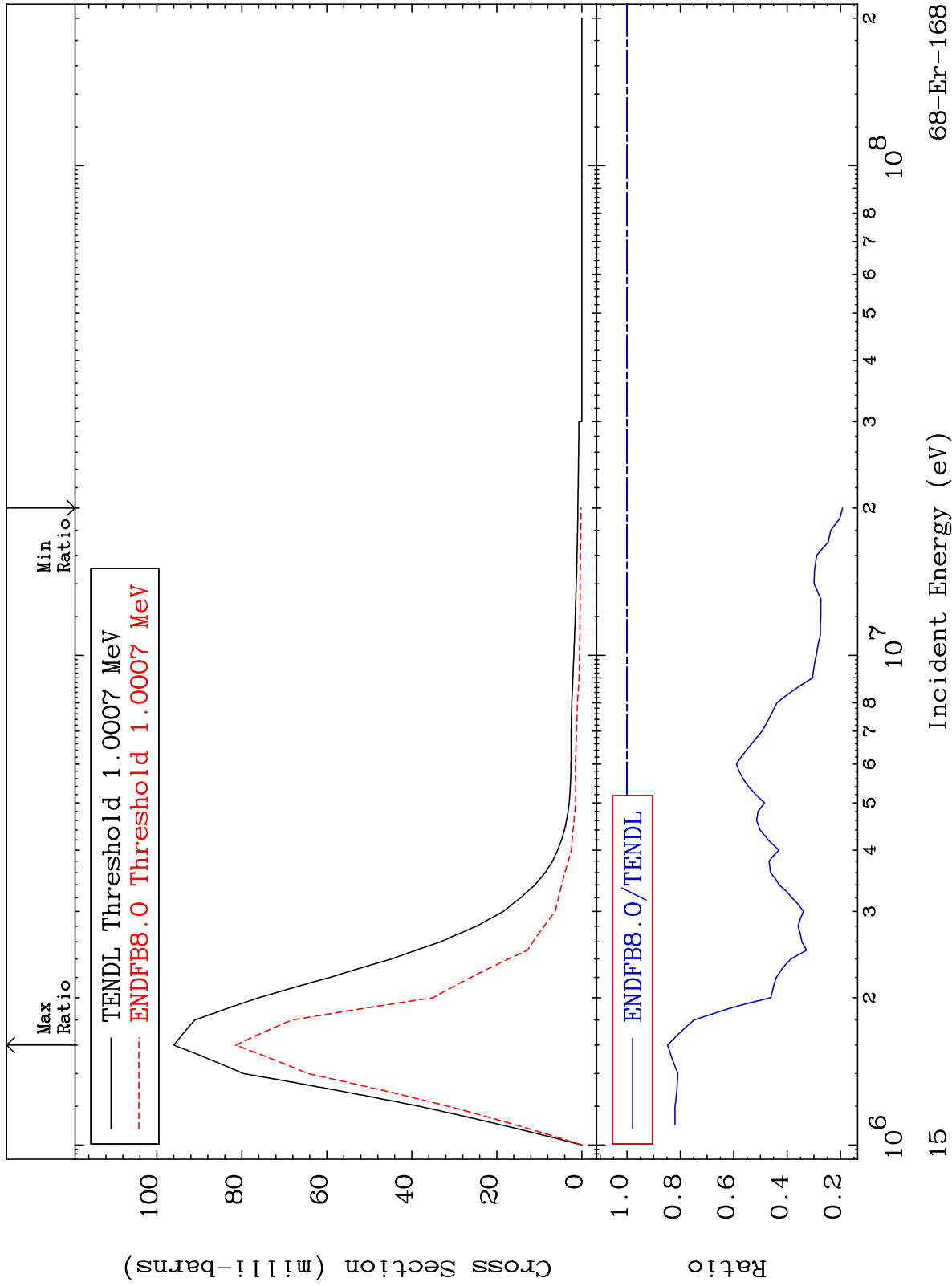
MAT 6843

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

68-Er-168
-70.75 To 0.291 %



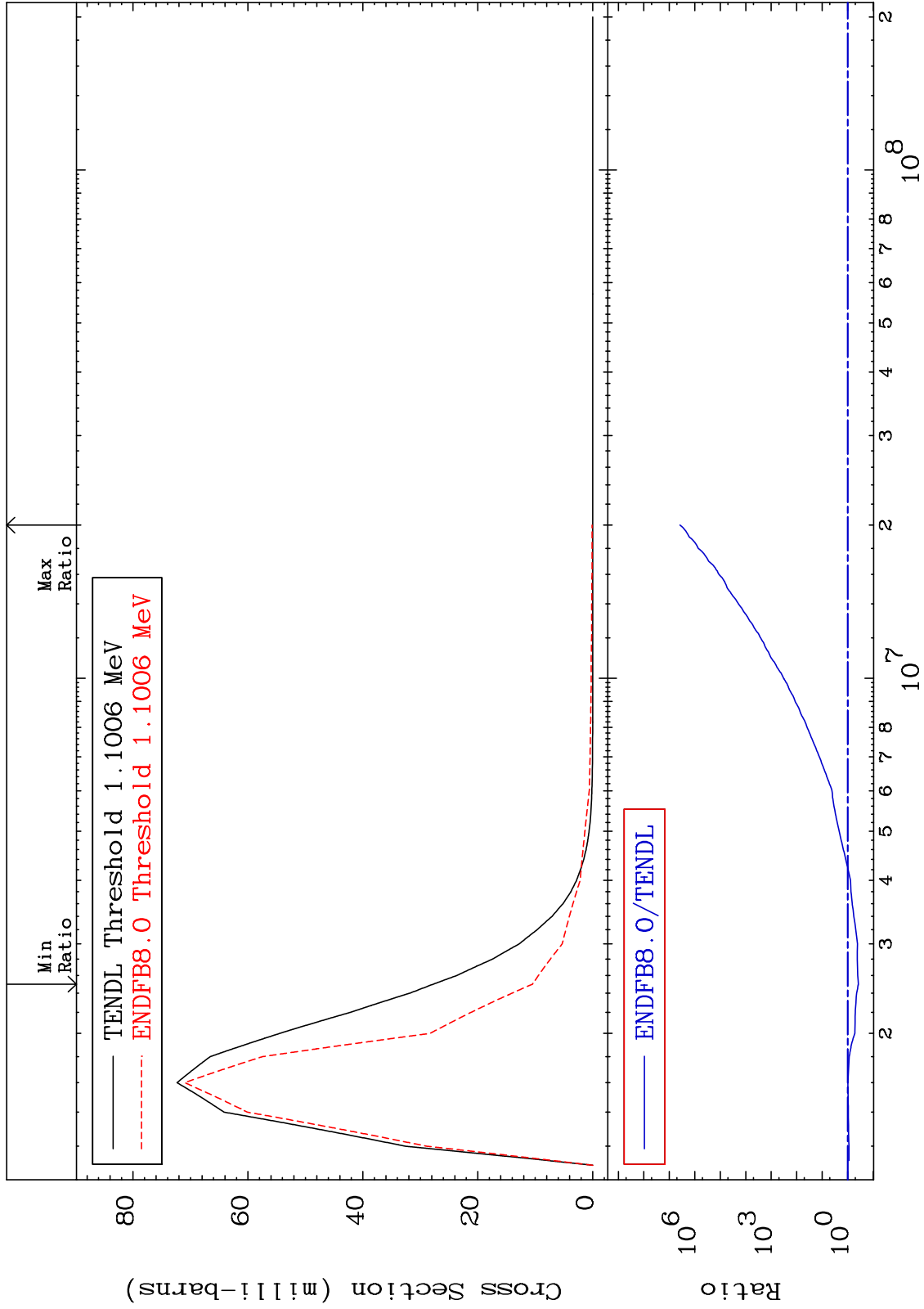
MAT 6843 MT= 57 (n, n') Level
Cross Section 68-Er-168
-80.80 To -15.21%



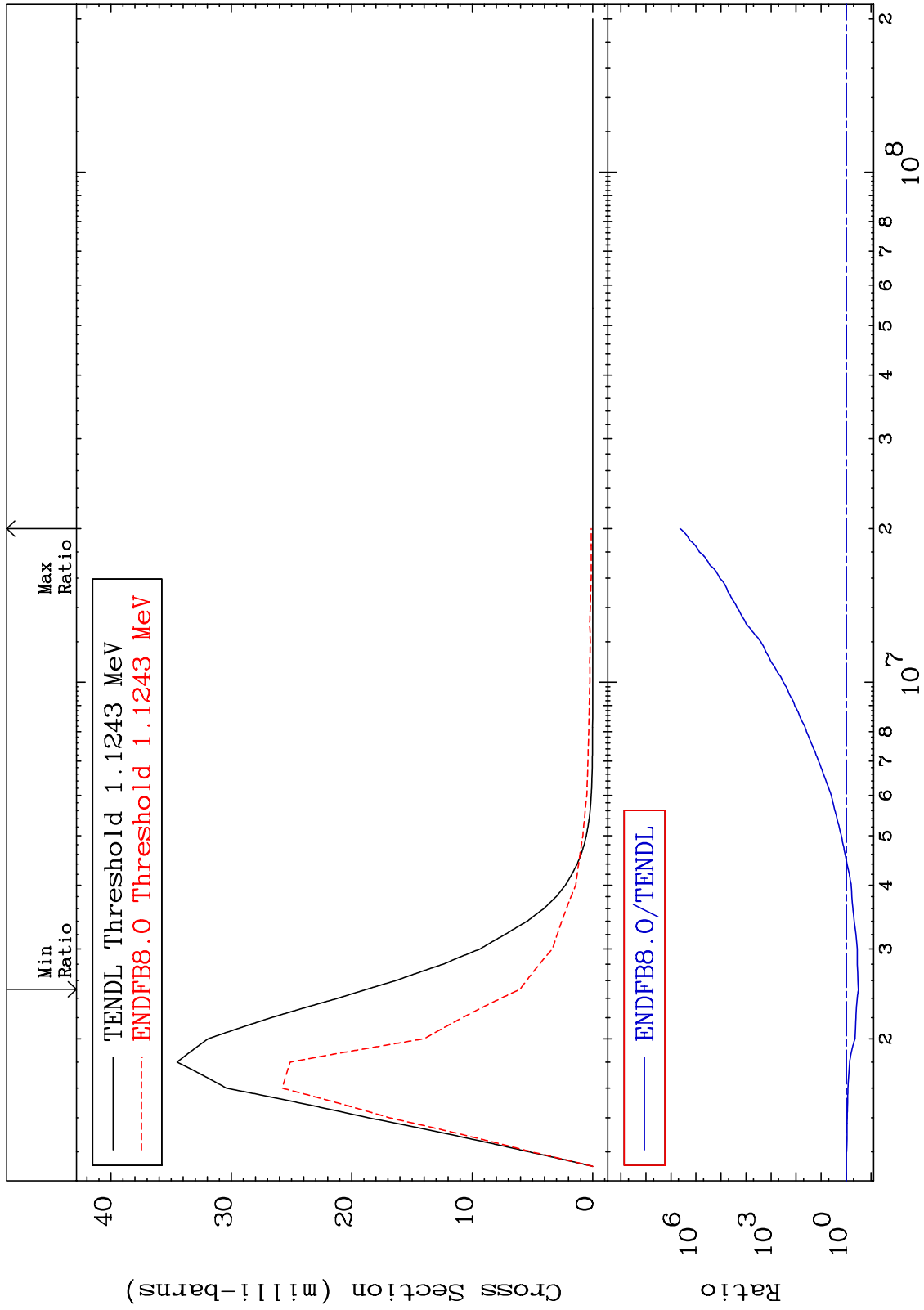
MAT 6843

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

68-Er-168
-62.21 To 9999. %



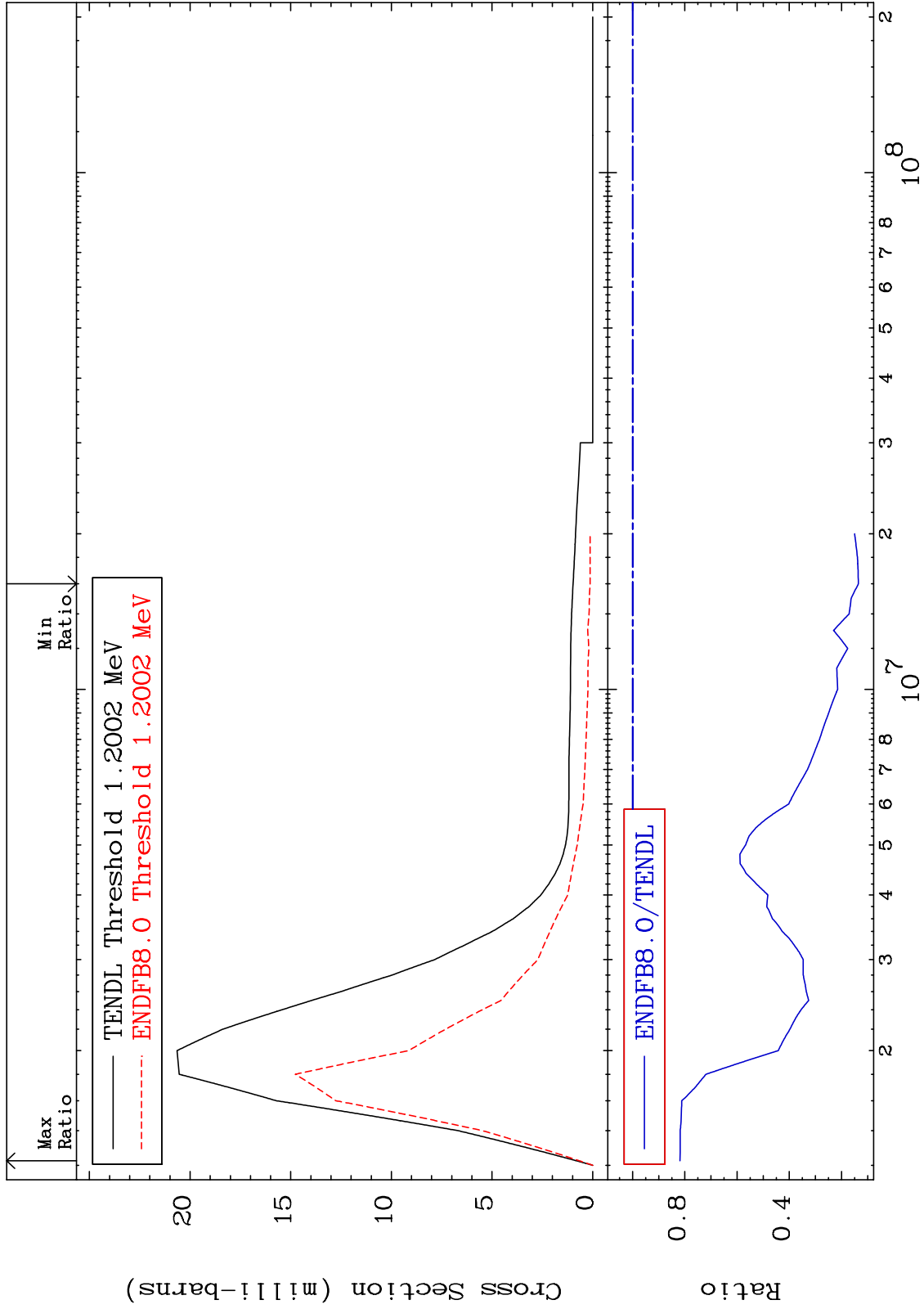
MAT 6843 MT= 59 (n, n') Level Cross Section 68-Er-168
 -67.82 To 9999. %



MAT 6843

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

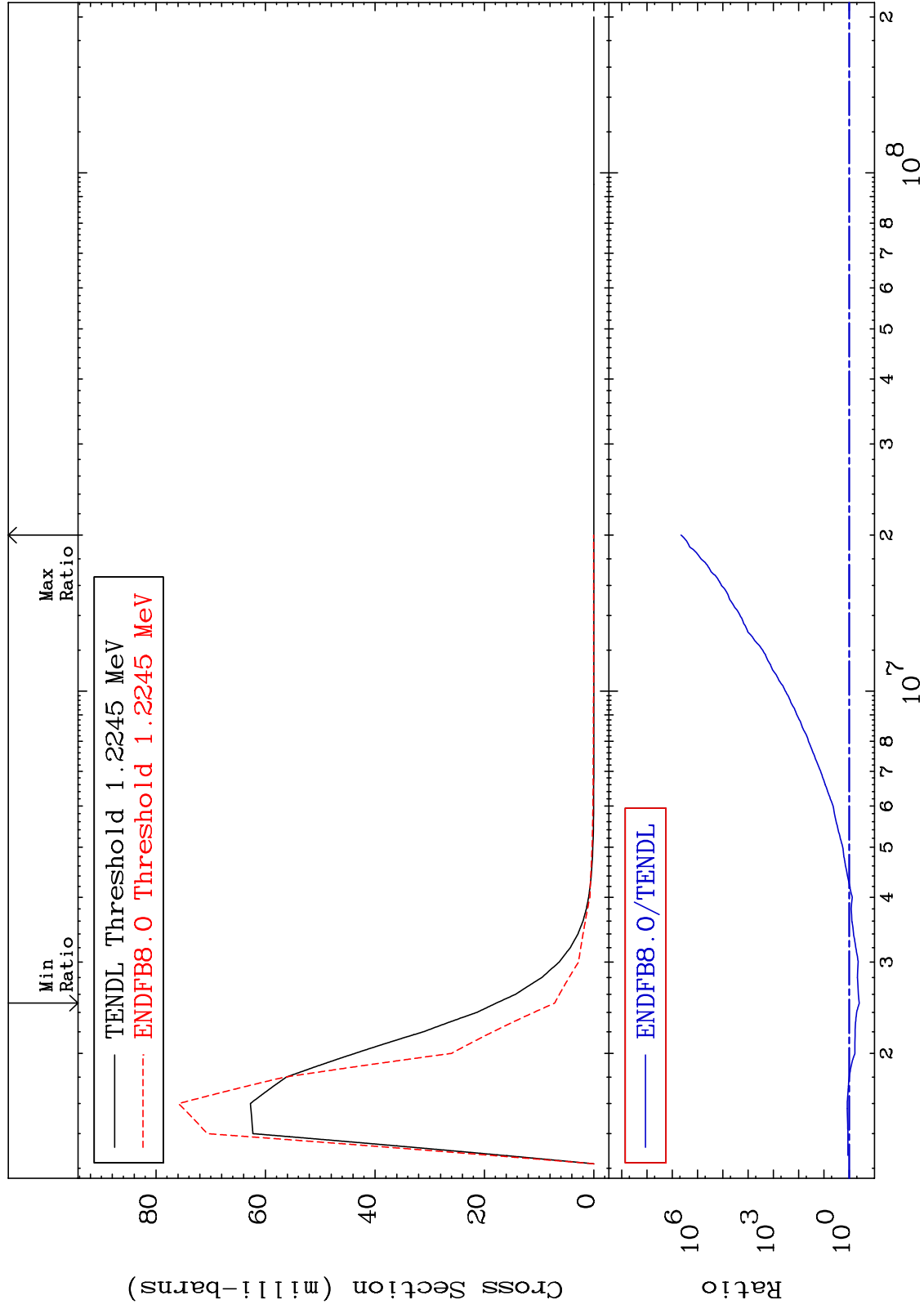
68-Er-168
-86.46 To -18.15%



MAT 6843

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

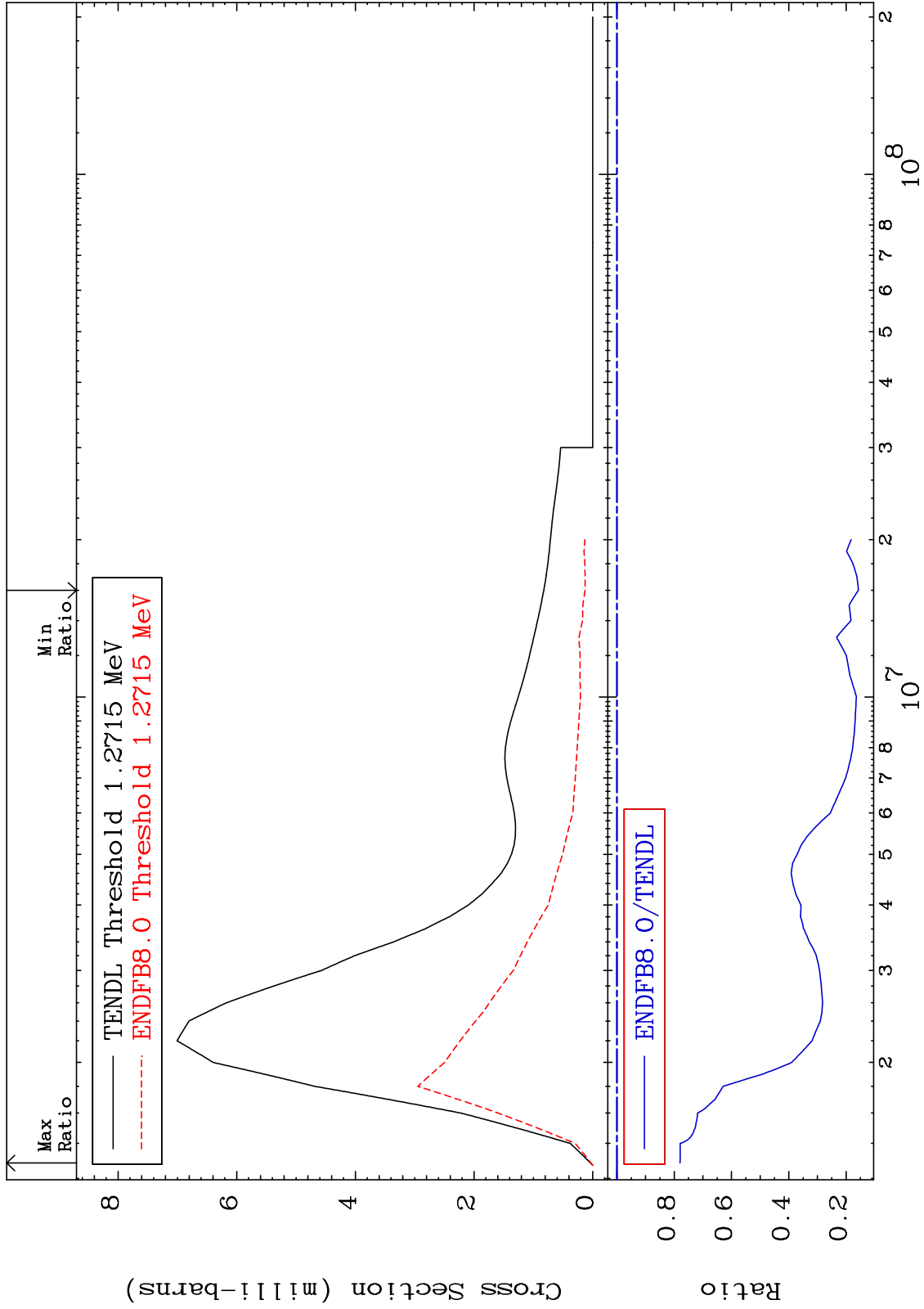
68-Er-168
-59.87 To 9999. %



MAT 6843

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

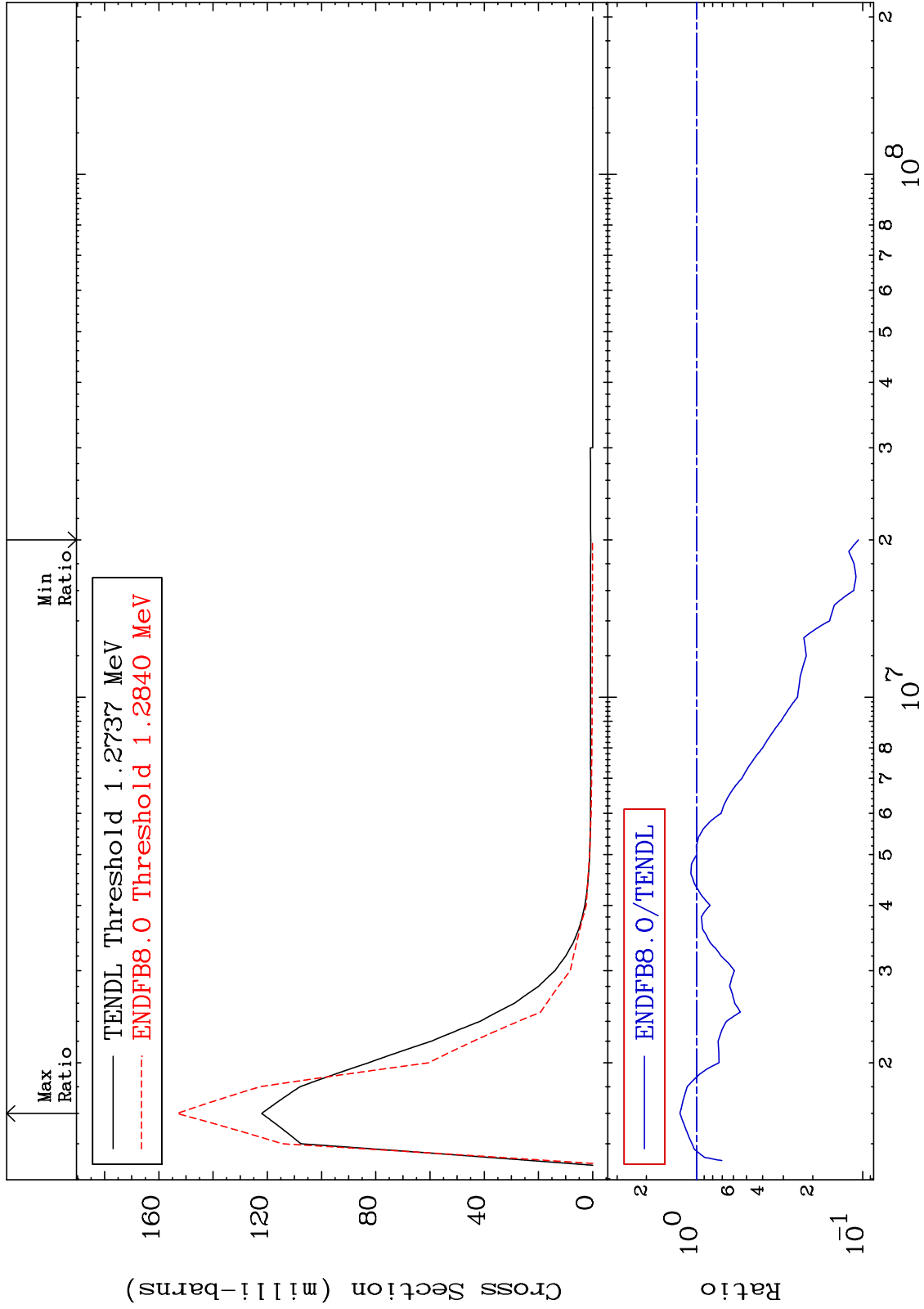
68-Er-168
-84.30 To -22.03%



MAT 6843

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

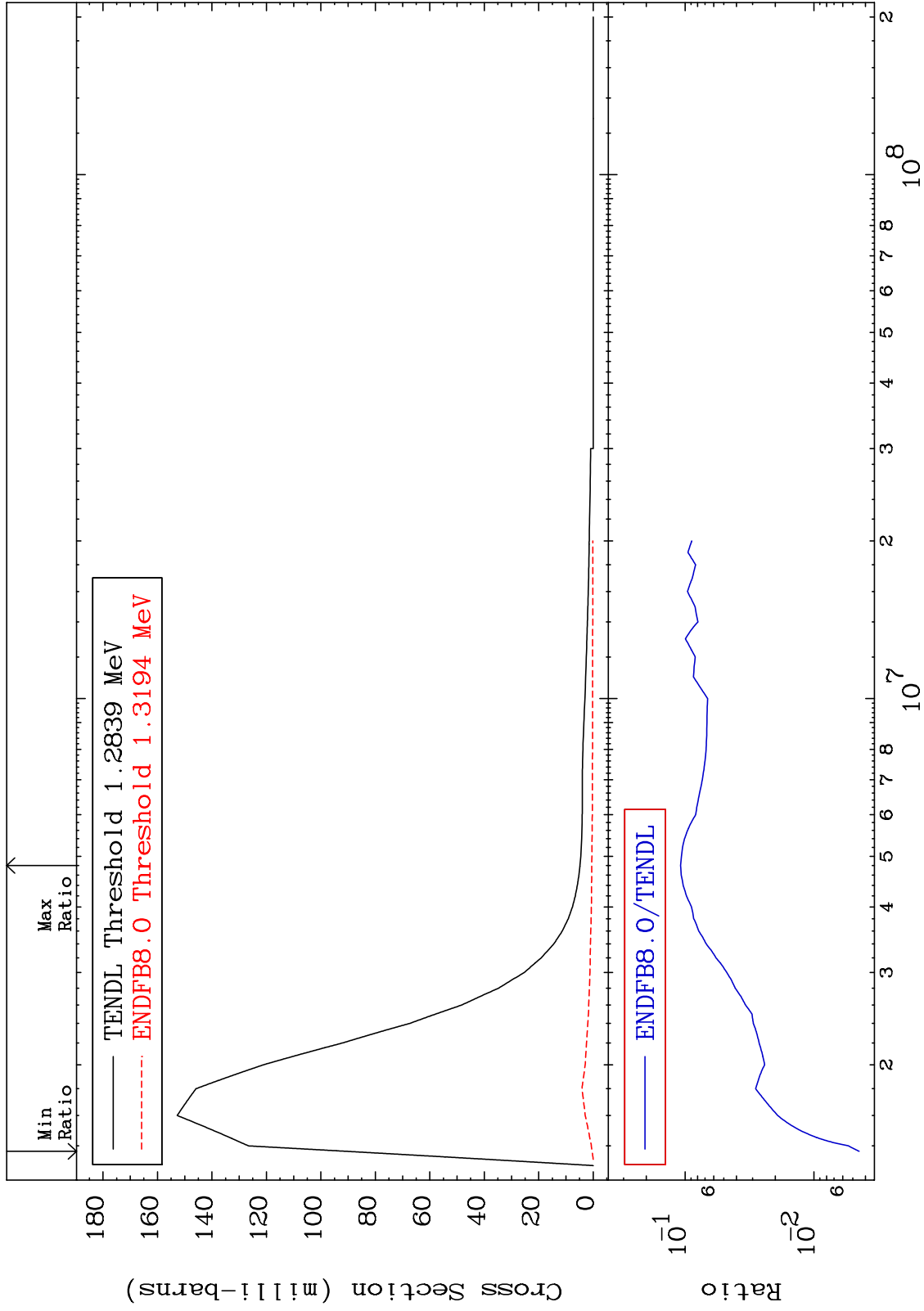
68-Er-168
-89.37 To 25.55 %



MAT 6843

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

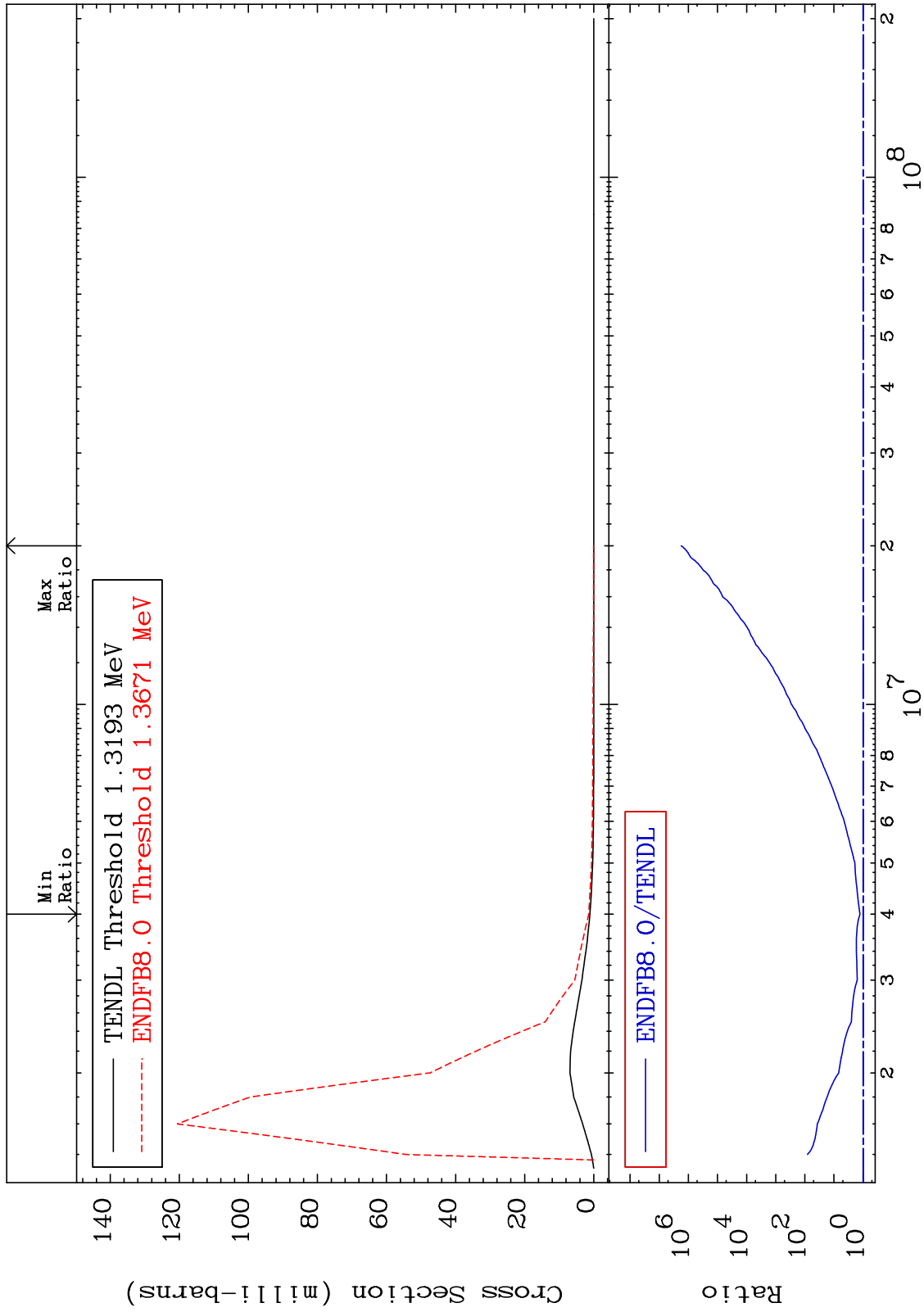
68-Er-168
-99.55 To -89.18%



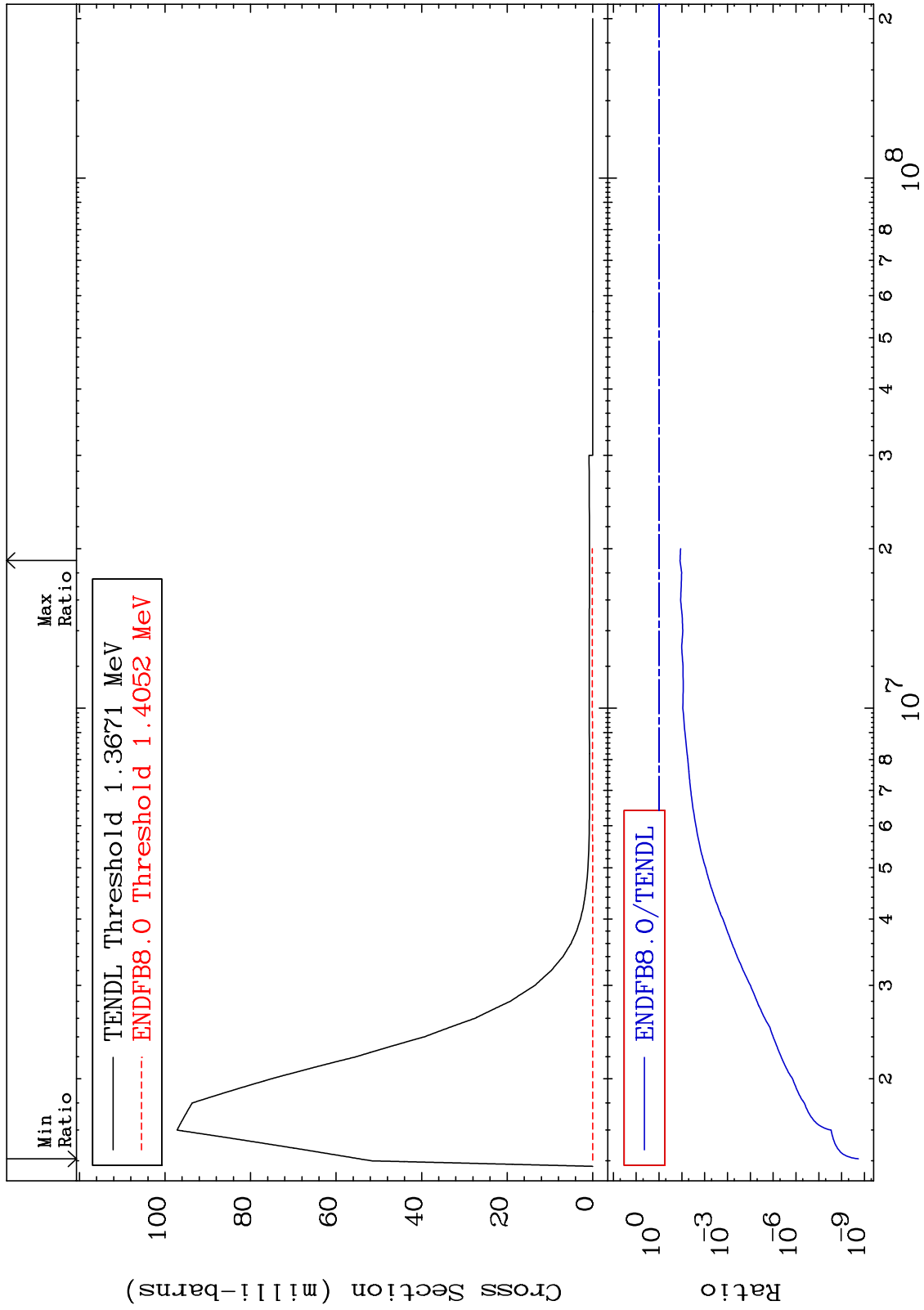
MAT 6843

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

68-Er-168
28.56 To 9999. %



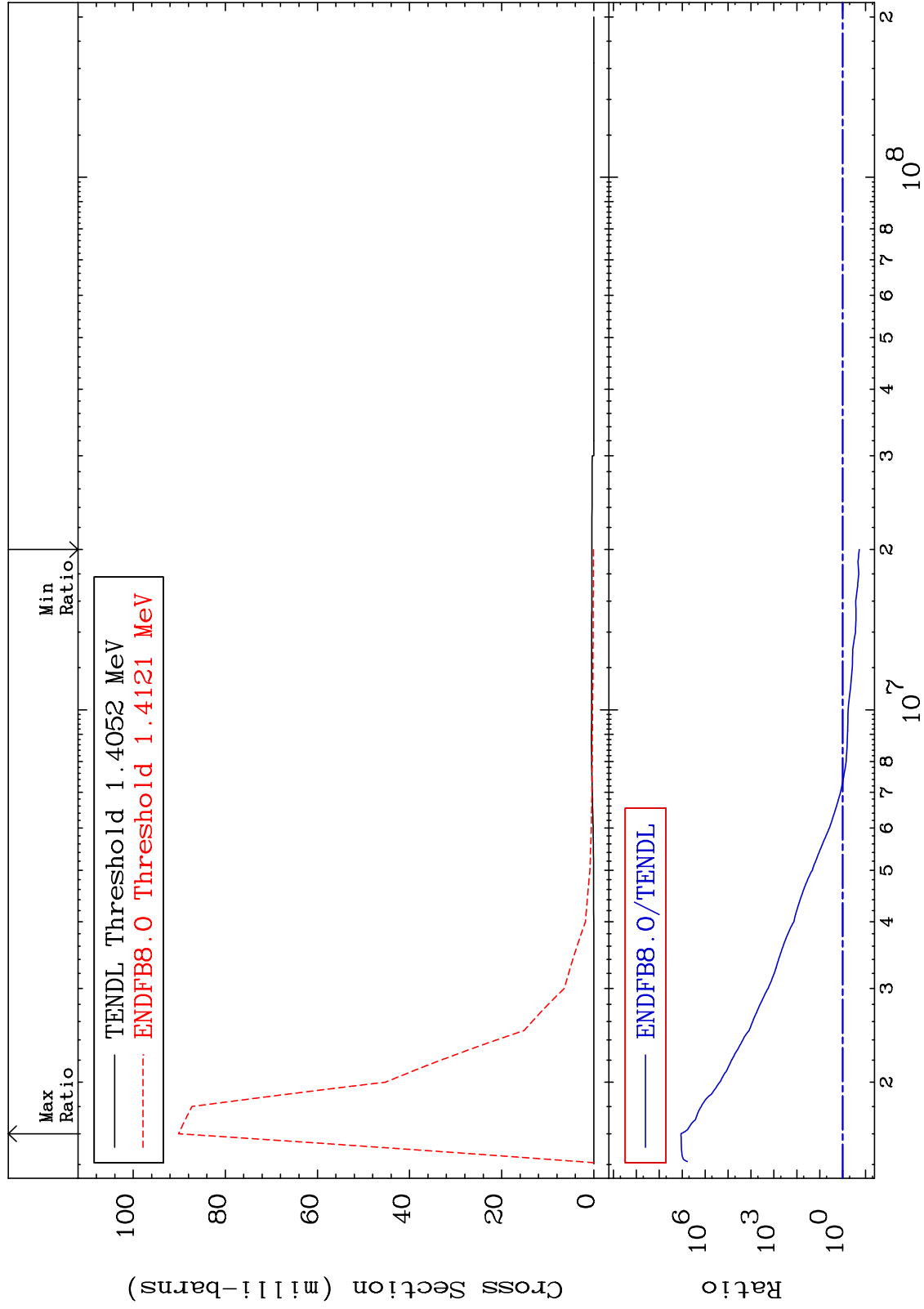
MAT 6843 MT= 66 (n,n') Level
 Cross Section 68-Er-168
 -100.0 To -88.02%



MAT 6843

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

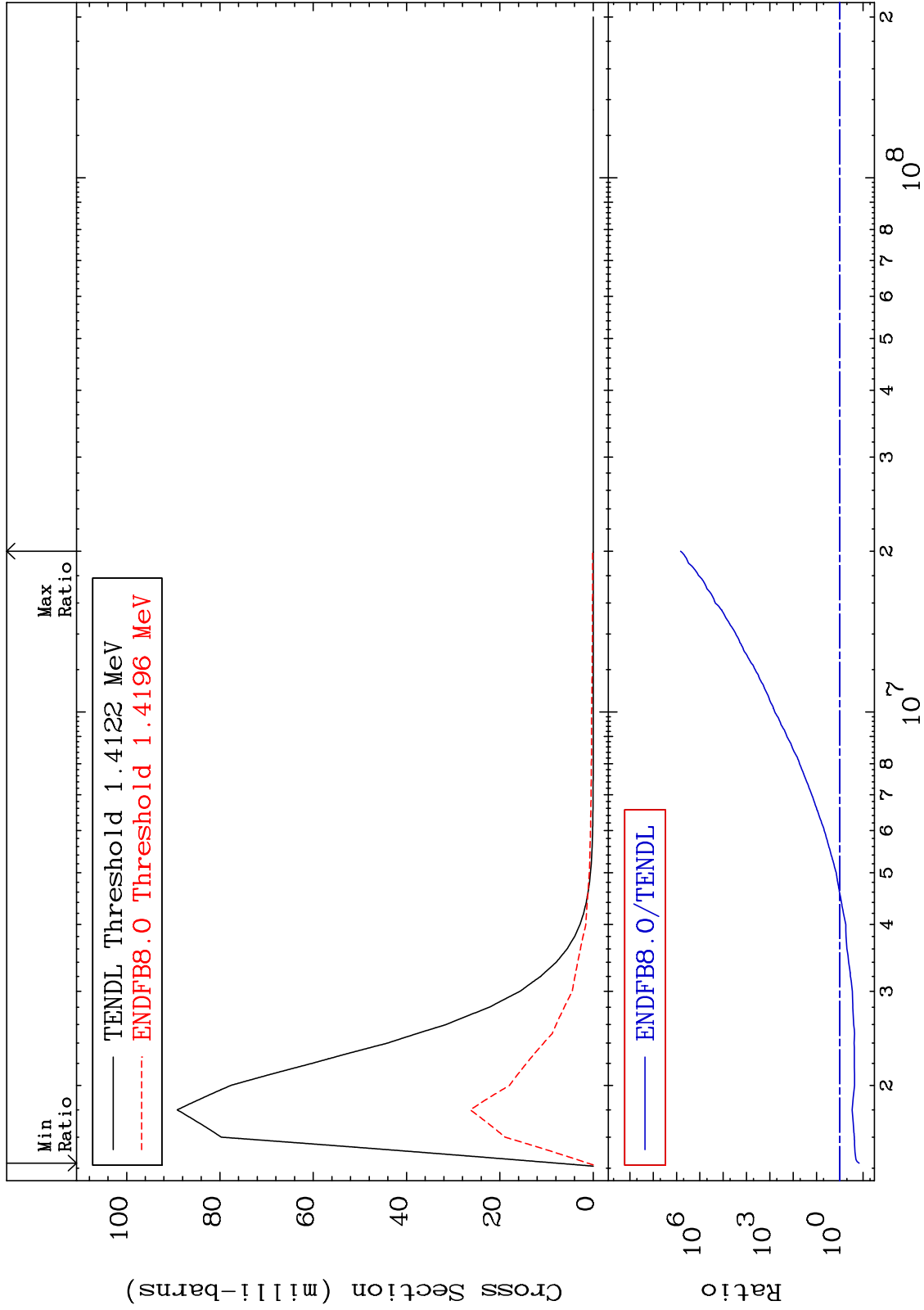
68-Er-168
-81.20 To 9999. %



MAT 6843

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

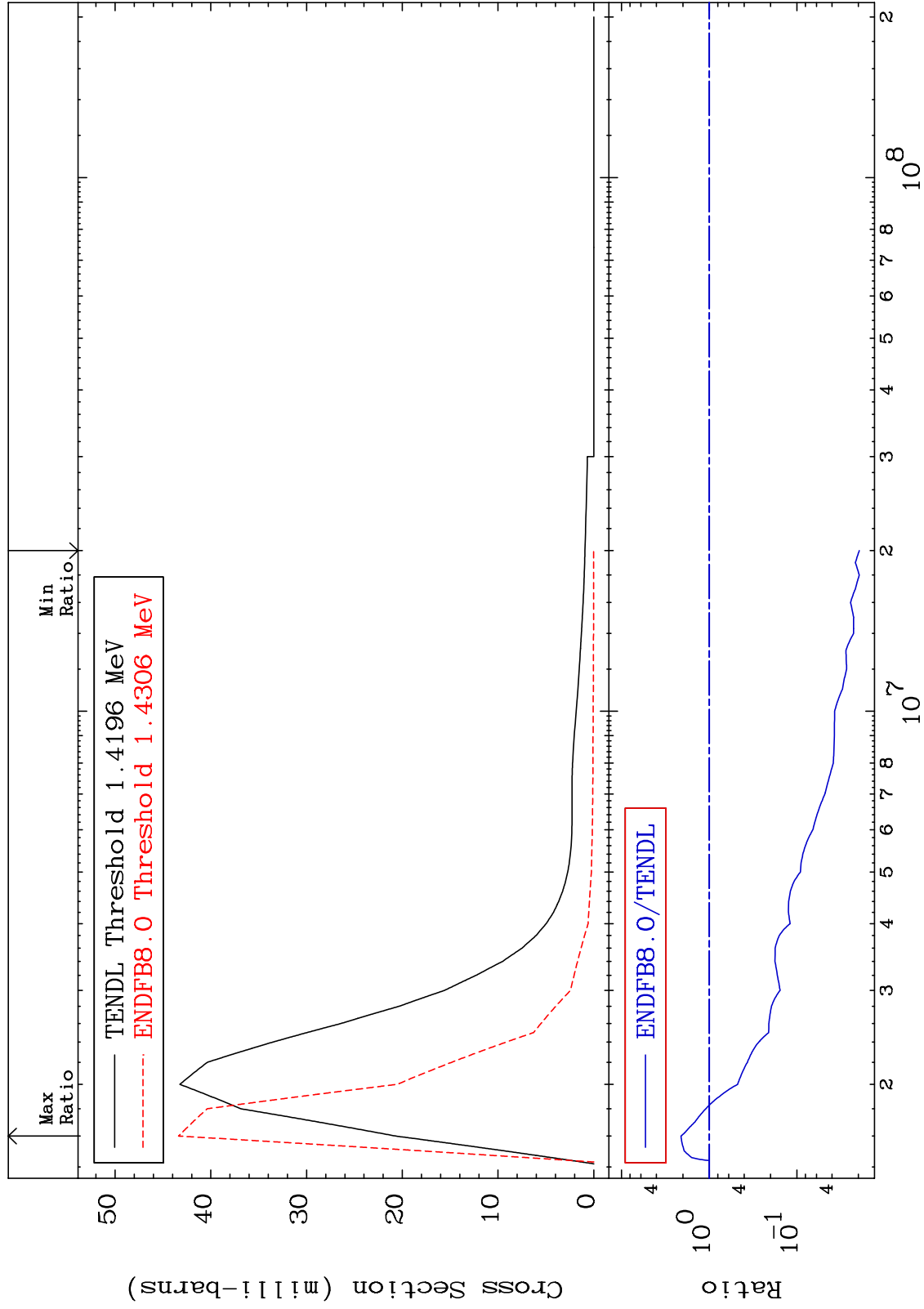
68-Er-168
-85.23 To 9999. %



MAT 6843

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

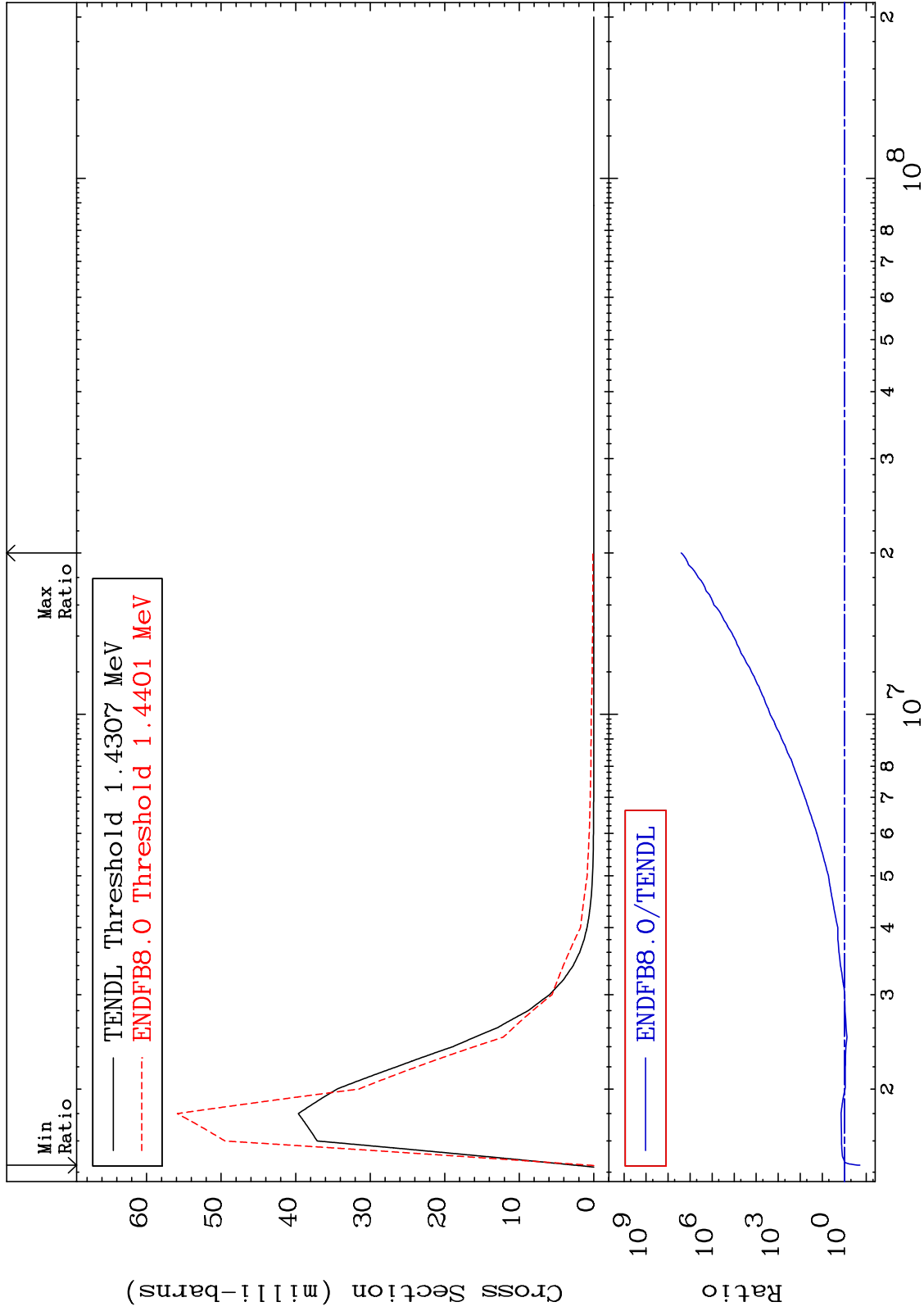
68-Er-168
-98.05 To 109.6 %



MAT 6843

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

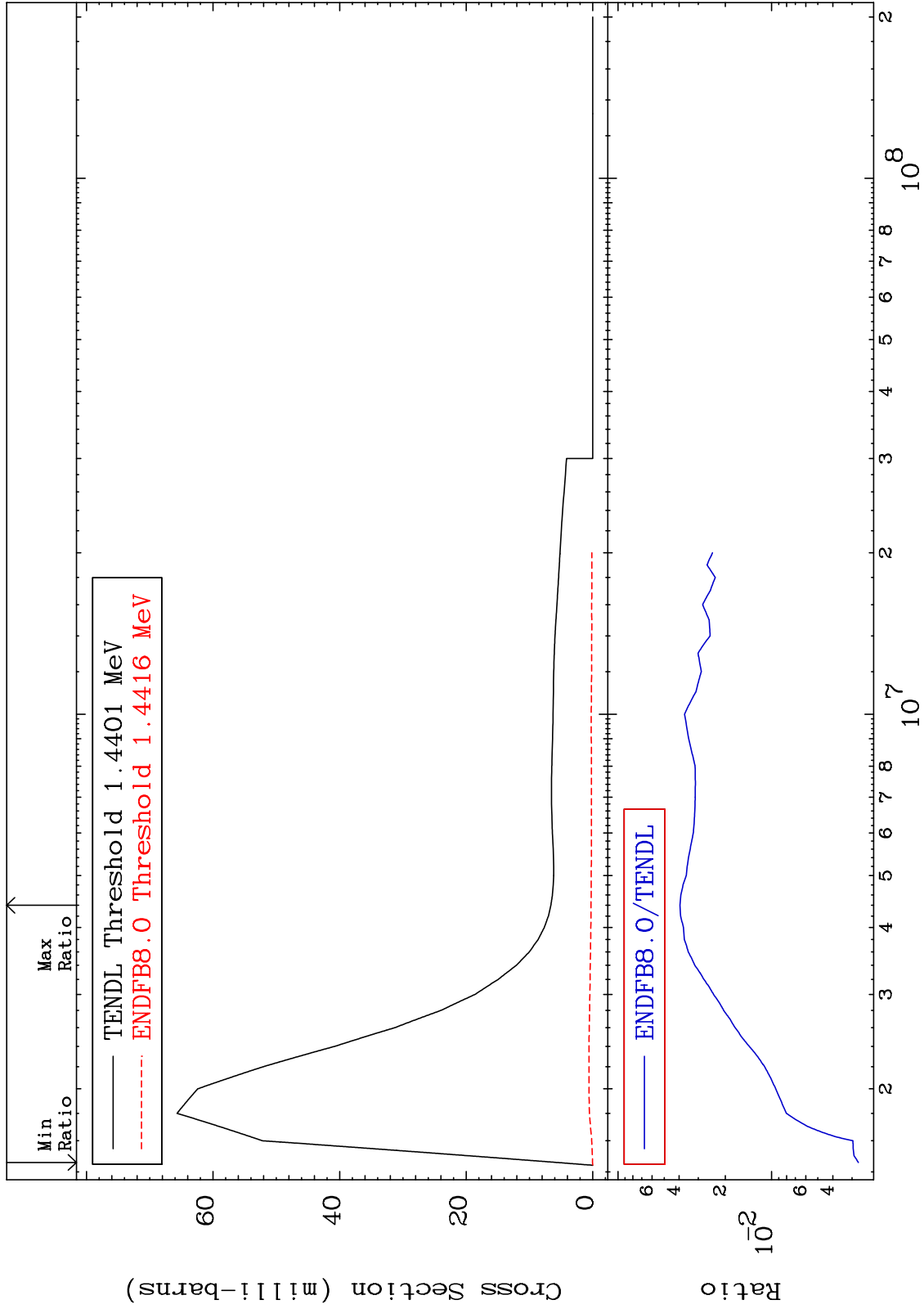
68-Er-168
-80.53 To 9999. %



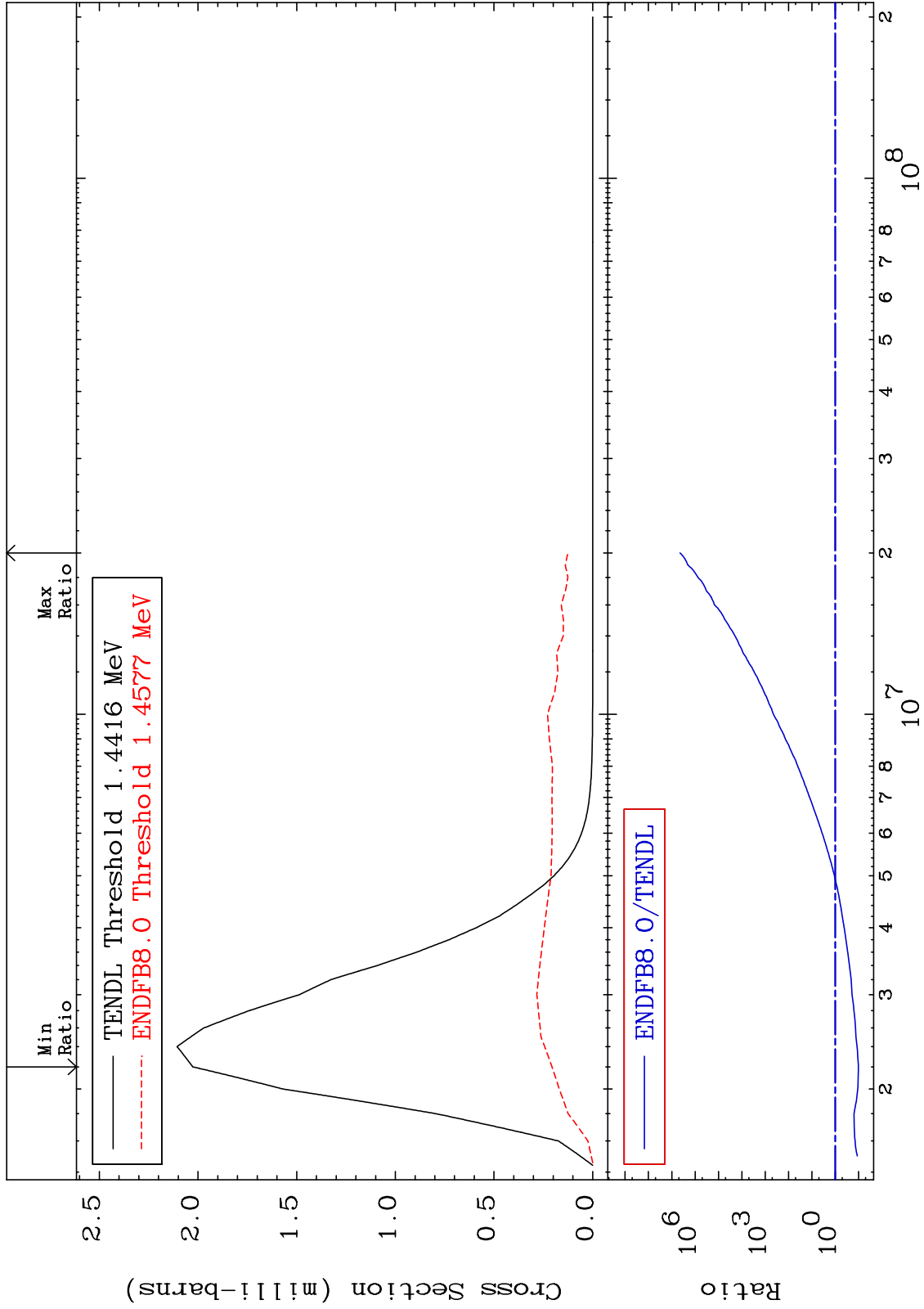
MAT 6843

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

68-Er-168
-99.73 To -96.05%



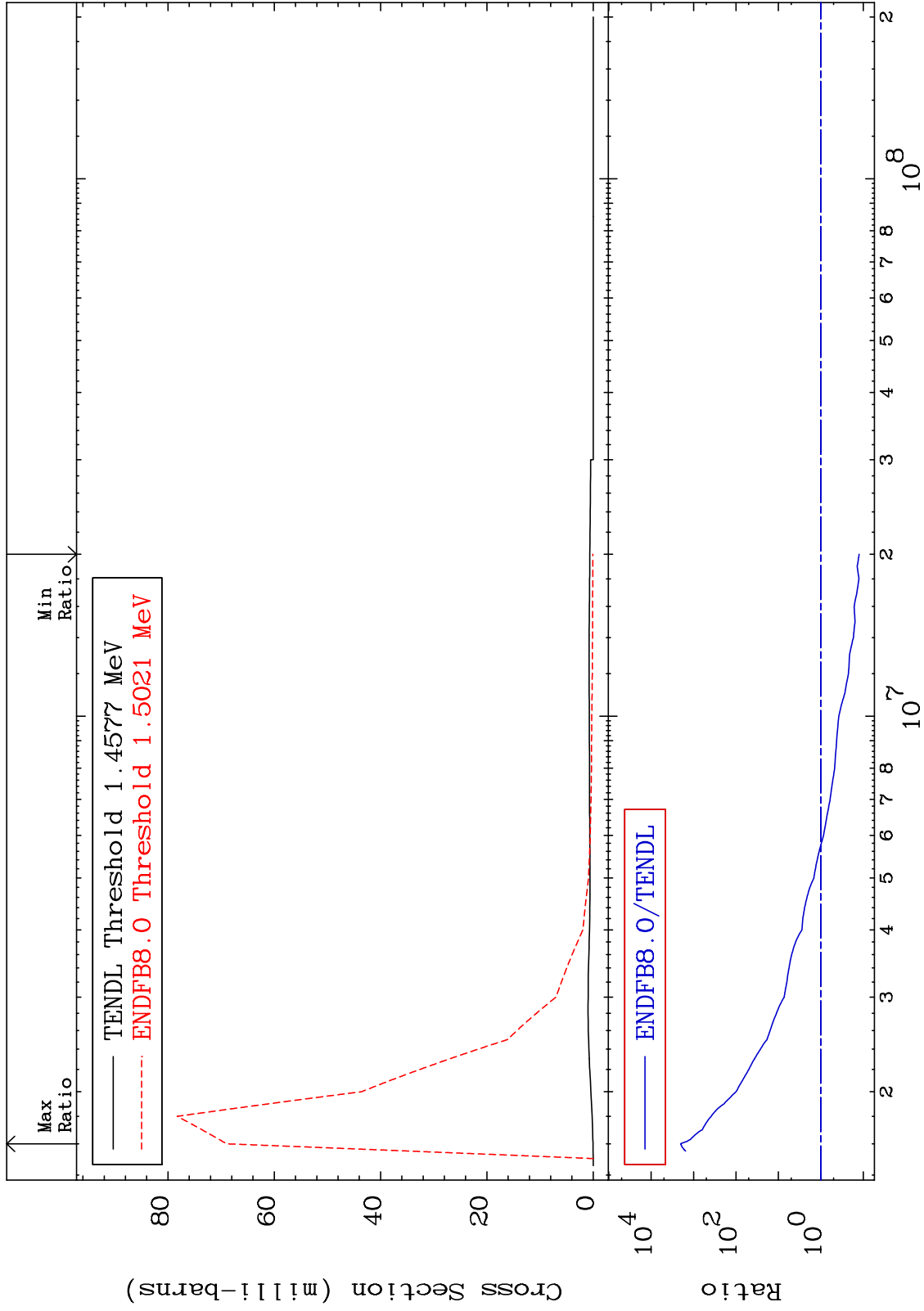
MAT 6843 MT= 72 (n, n') Level Cross Section 68-Er-168 -89.82 To 9999. %



MAT 6843

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

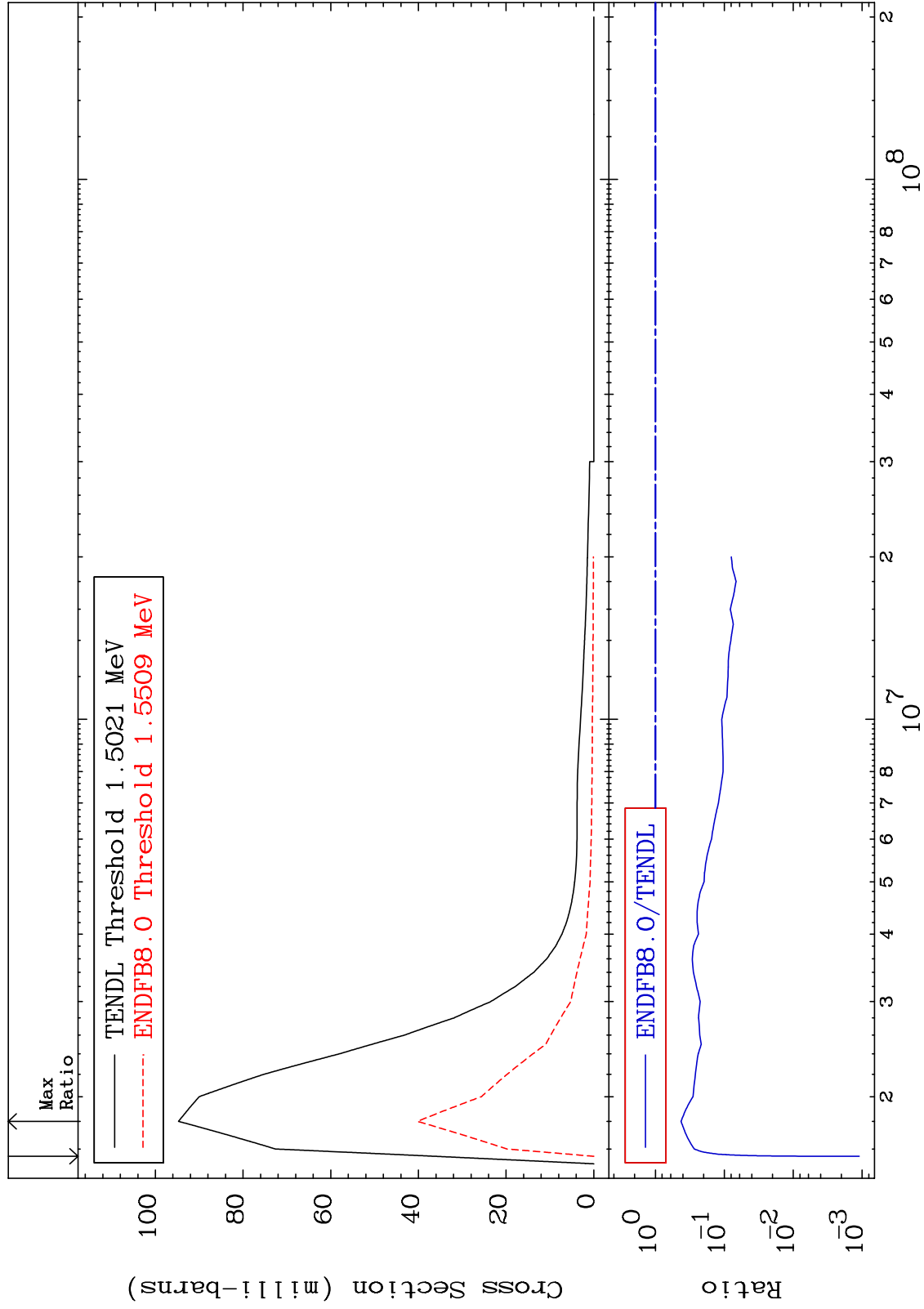
68-Er-168
-87.57 To 9999. %



MAT 6843

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

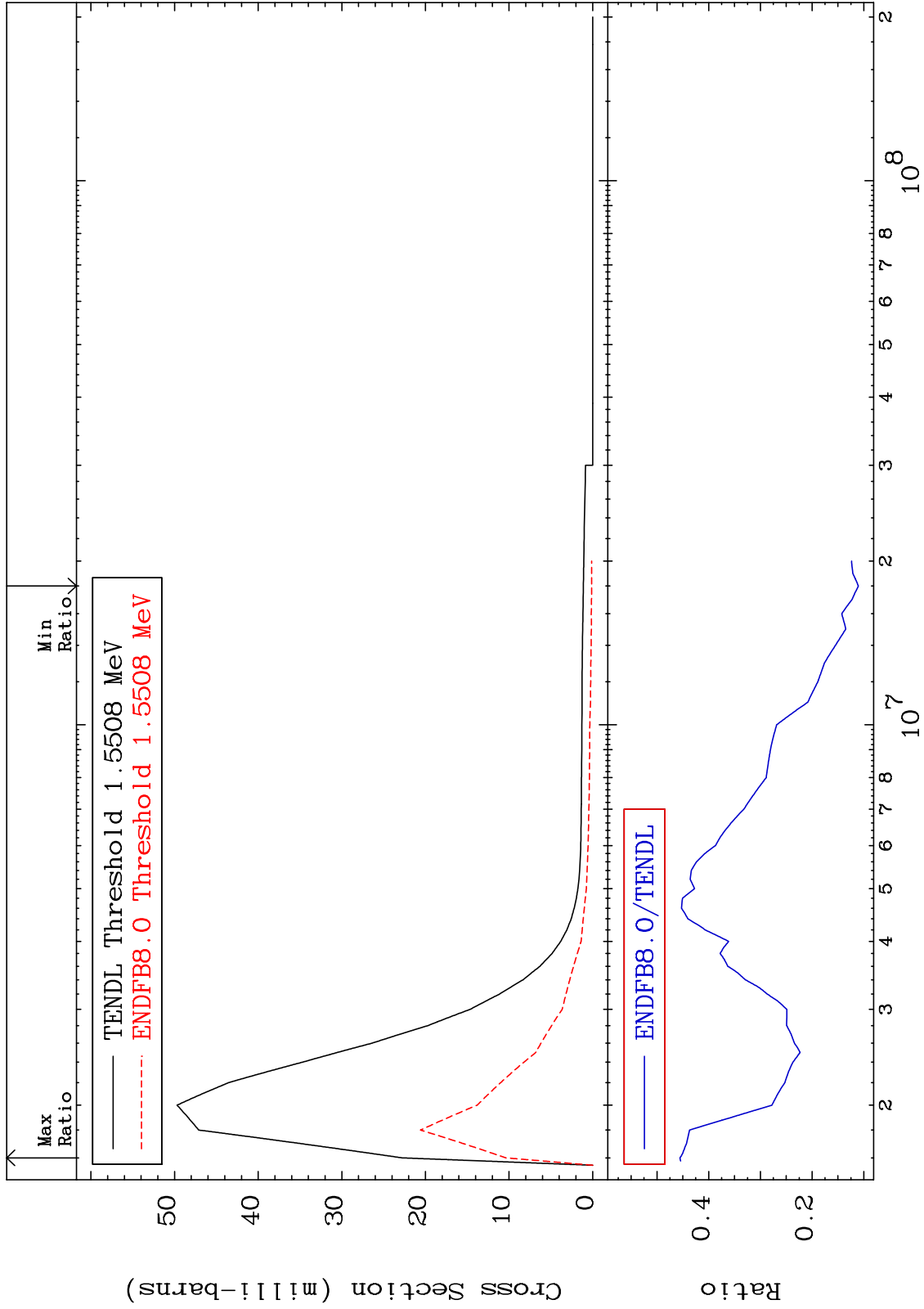
68-Er-168
-99.89 To -57.54%



MAT 6843

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

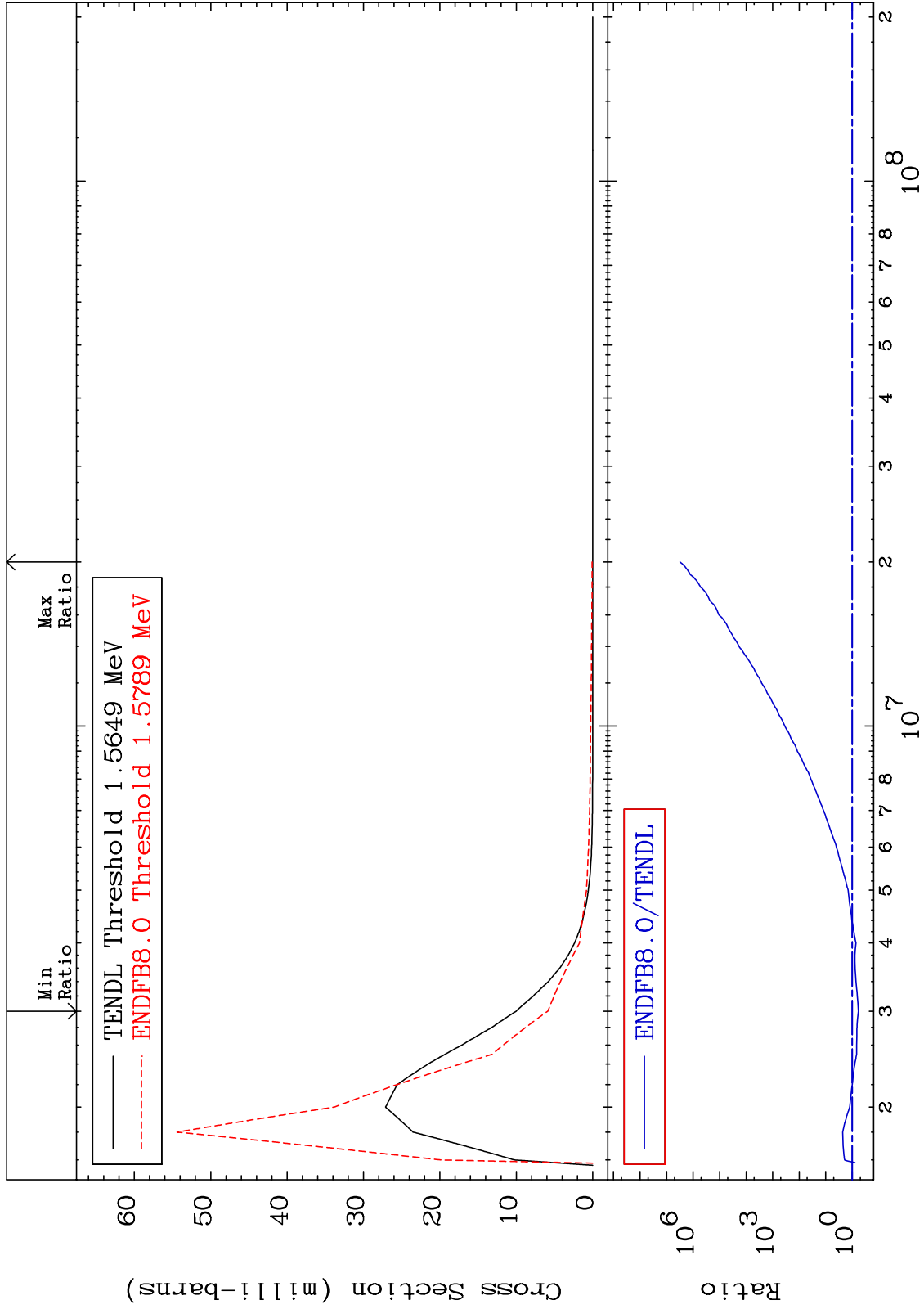
68-Er-168
-88.95 To -54.46%



MAT 6843

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

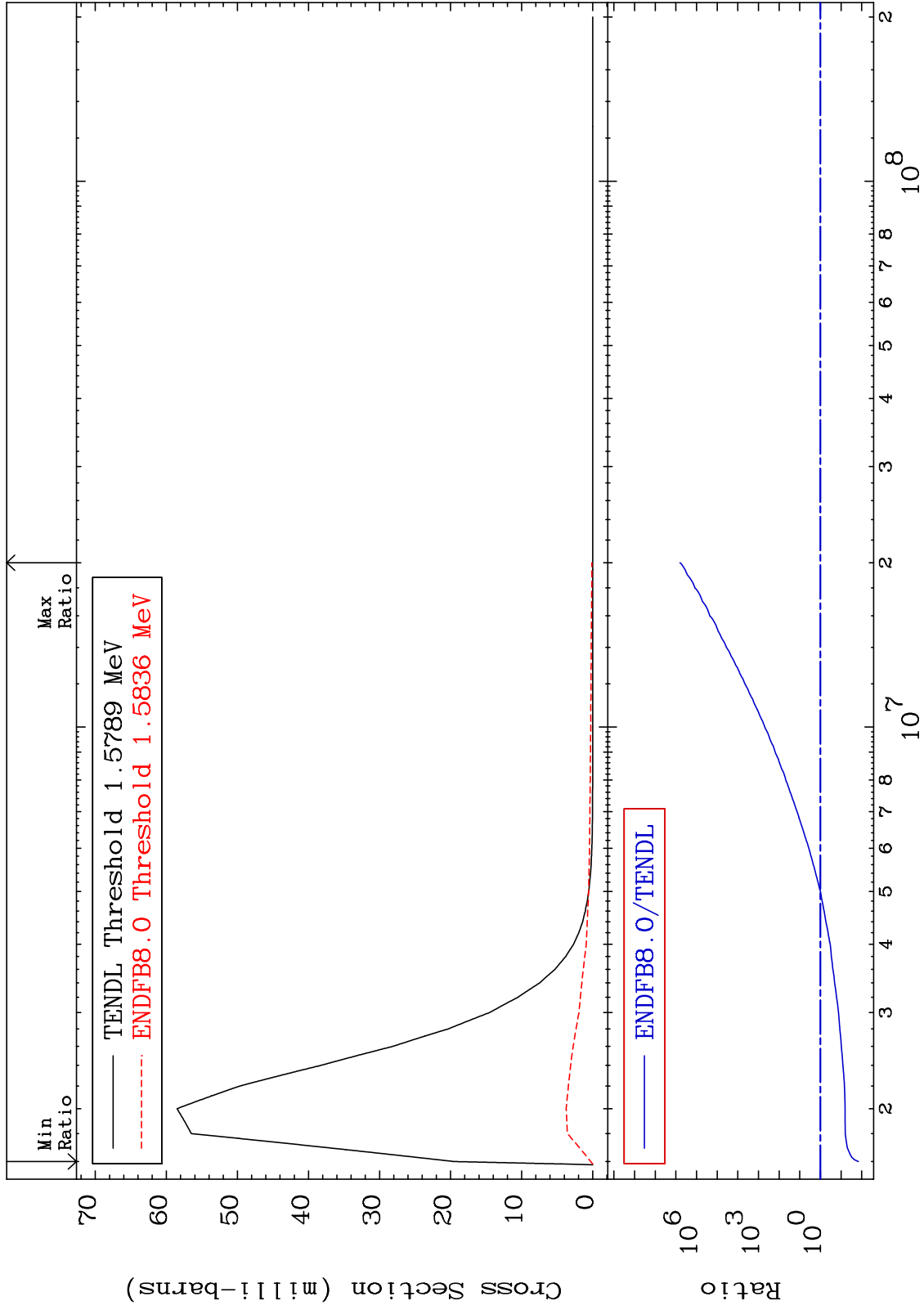
68-Er-168
-41.41 To 9999. %



MAT 6843

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

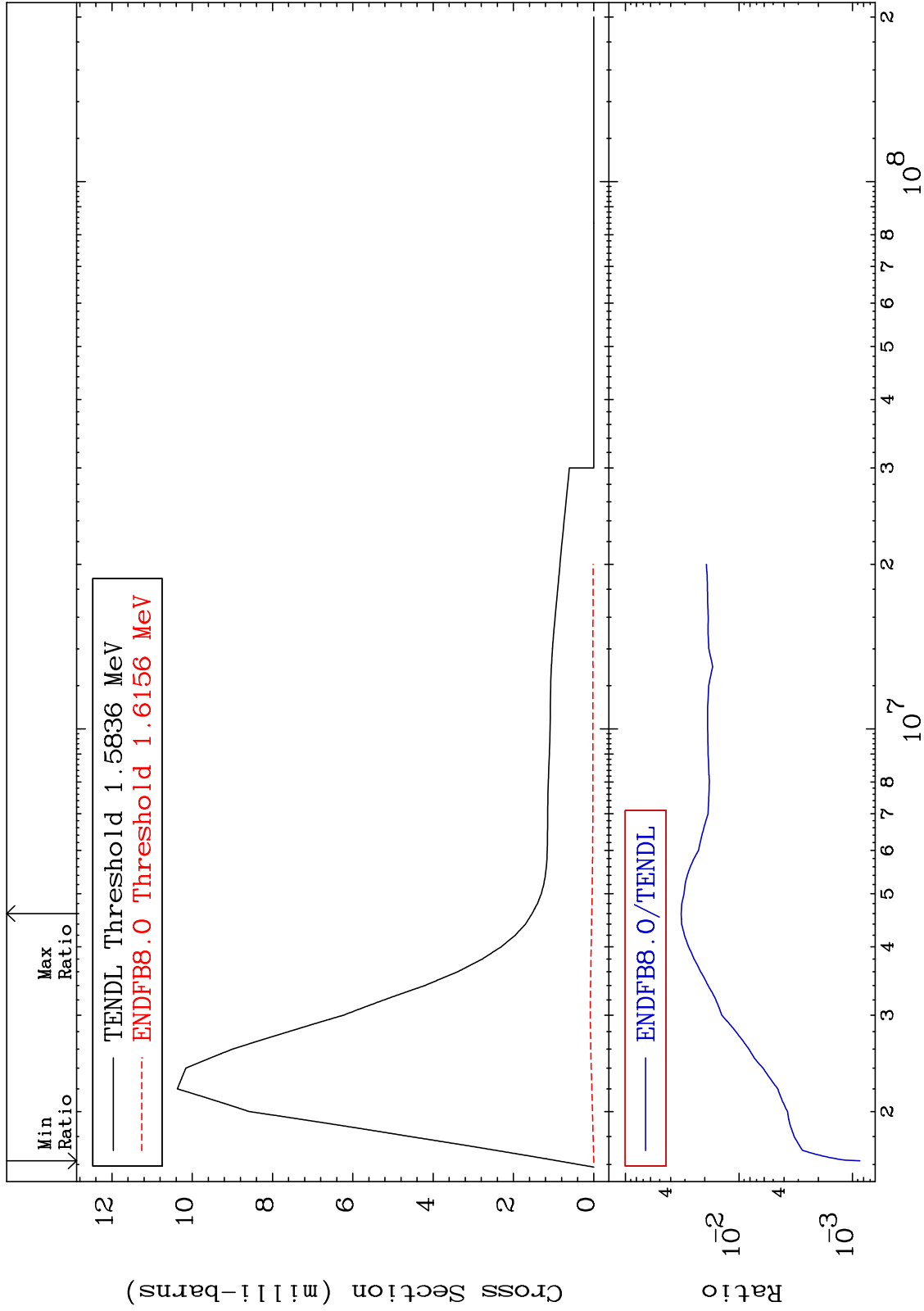
68-Er-168
-98.55 To 9999. %



MAT 6843

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

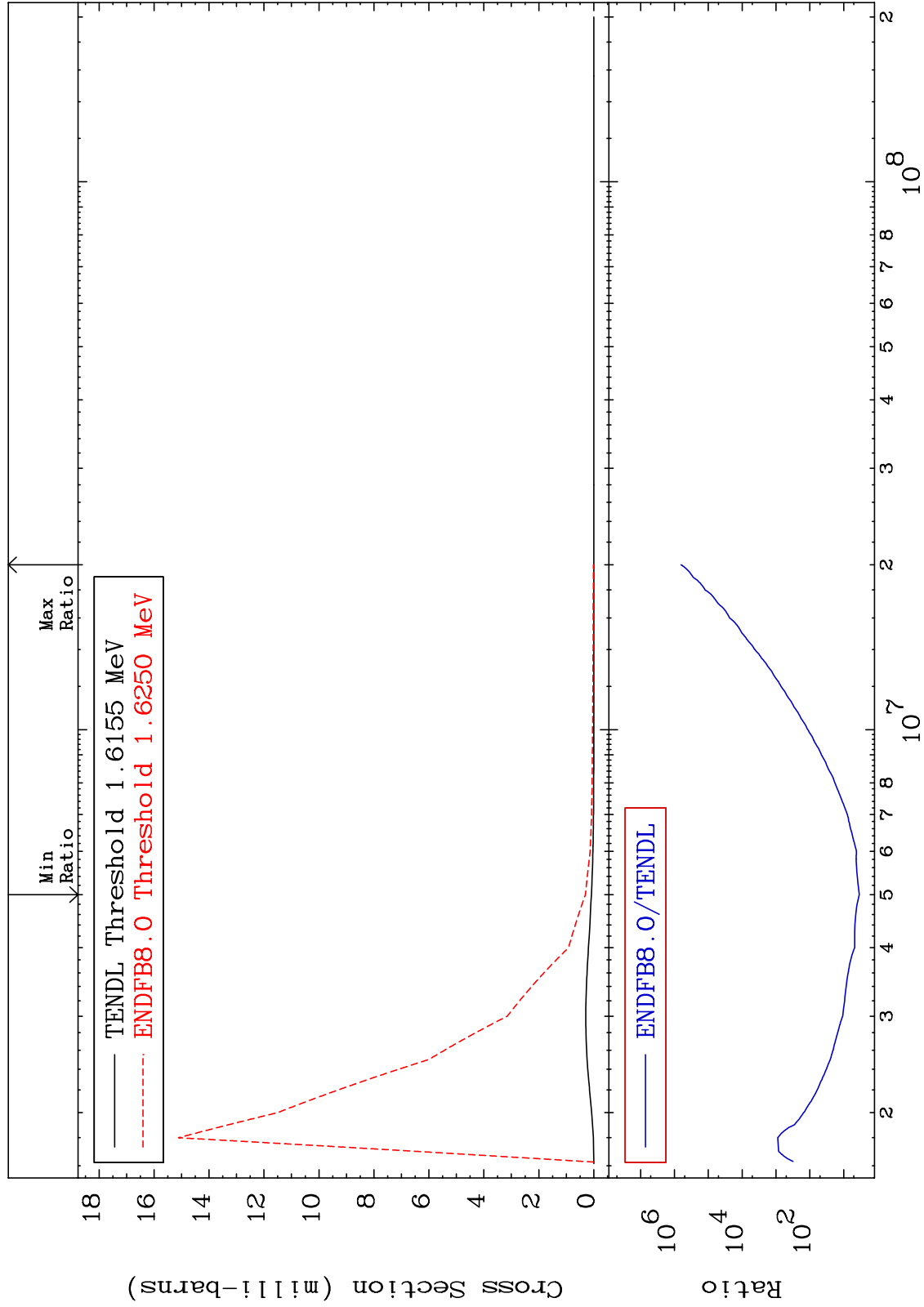
68-Er-168
-99.91 To -96.77%



MAT 6843

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

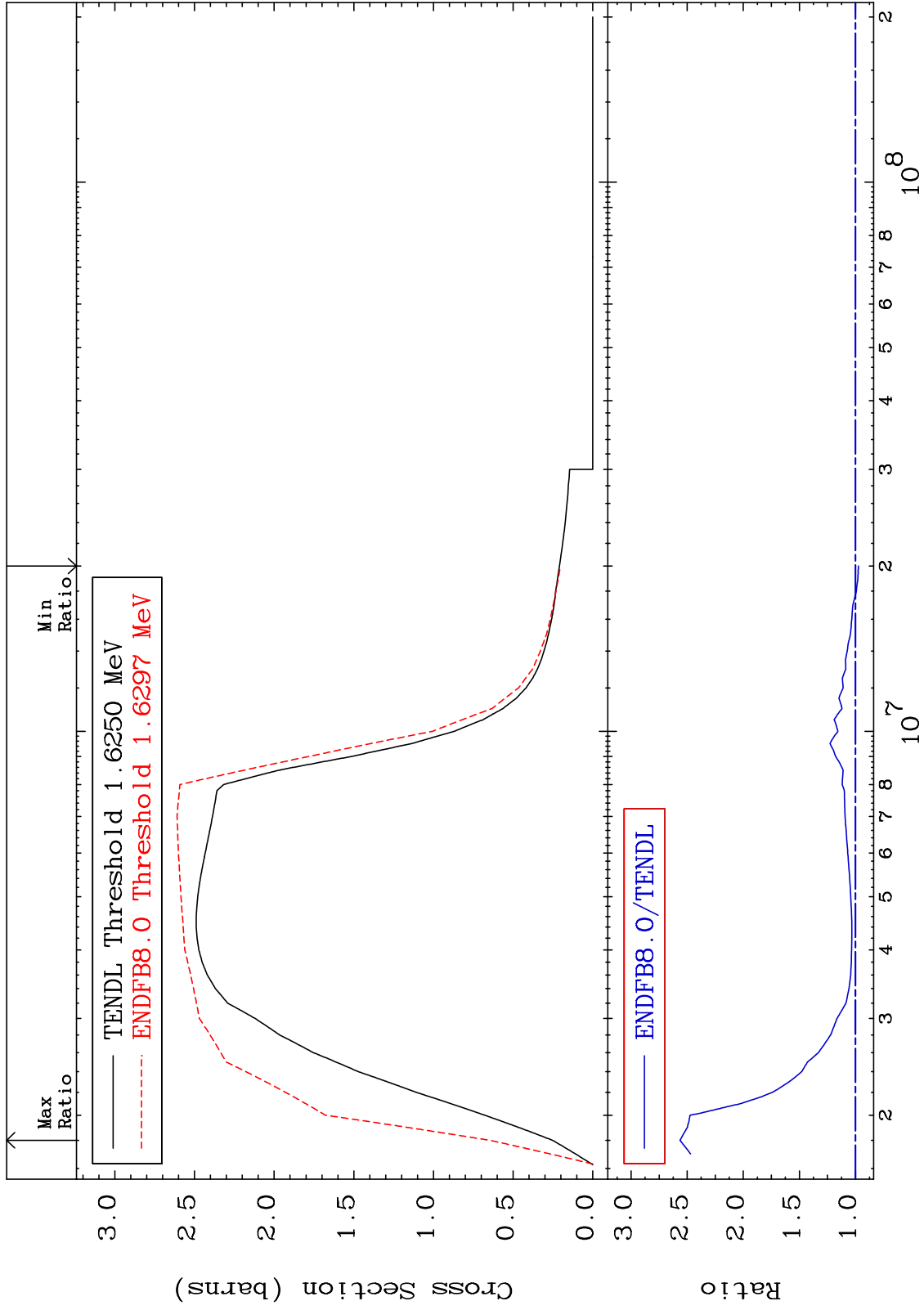
68-Er-168
245.6 To 9999. %



MAT 6843

(n, n') Continuum
Cross Section

68-Er-168
-2.579 To 156.4 %



38

Incident Energy (eV)

68-Er-168

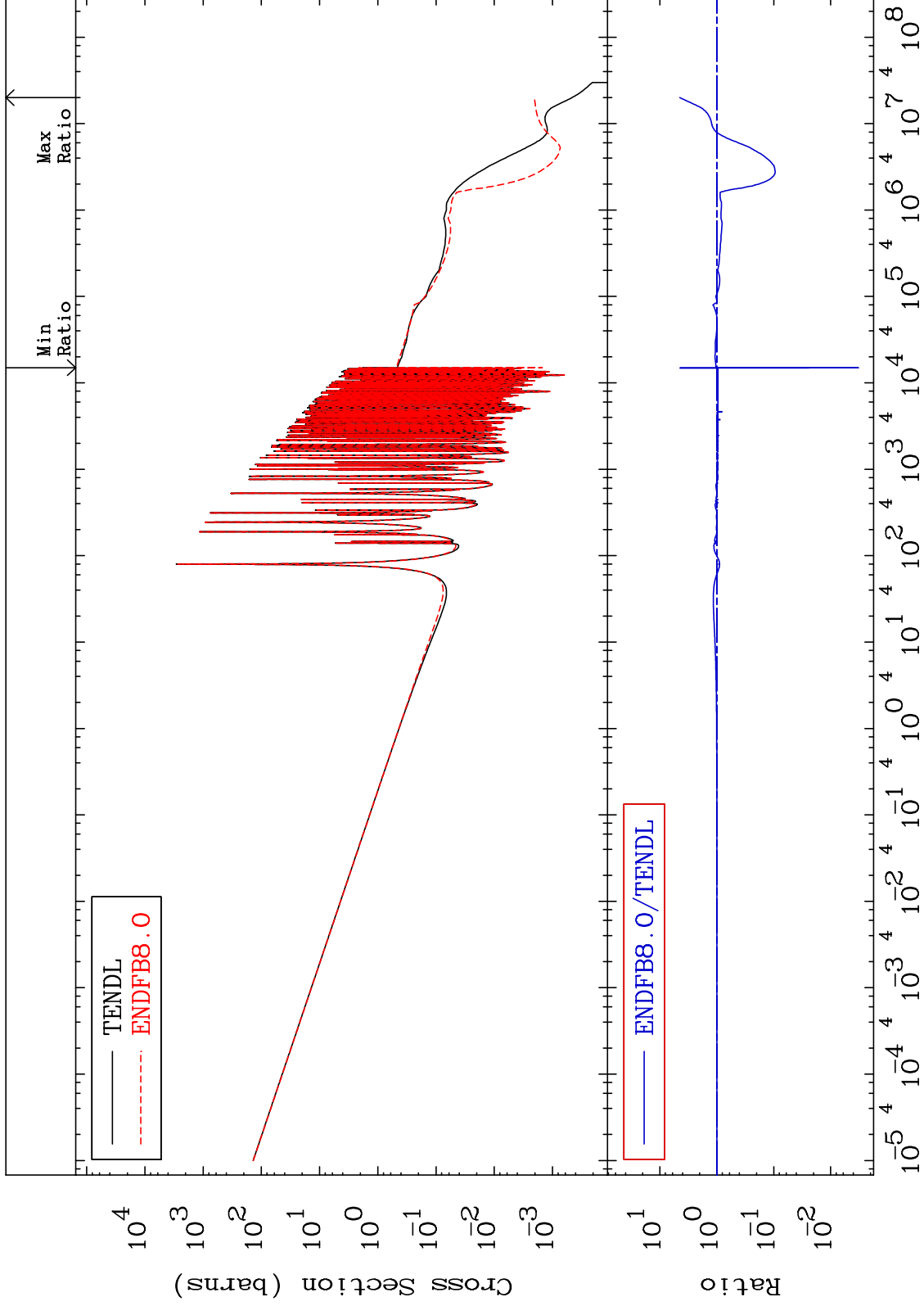
MAT 6843

(n, γ)

68-Er-168

Cross Section

-99.67 To 346.2 %



39

Incident Energy (eV)

68-Er-168

MAT 6843

(n, p)

68-Er-168

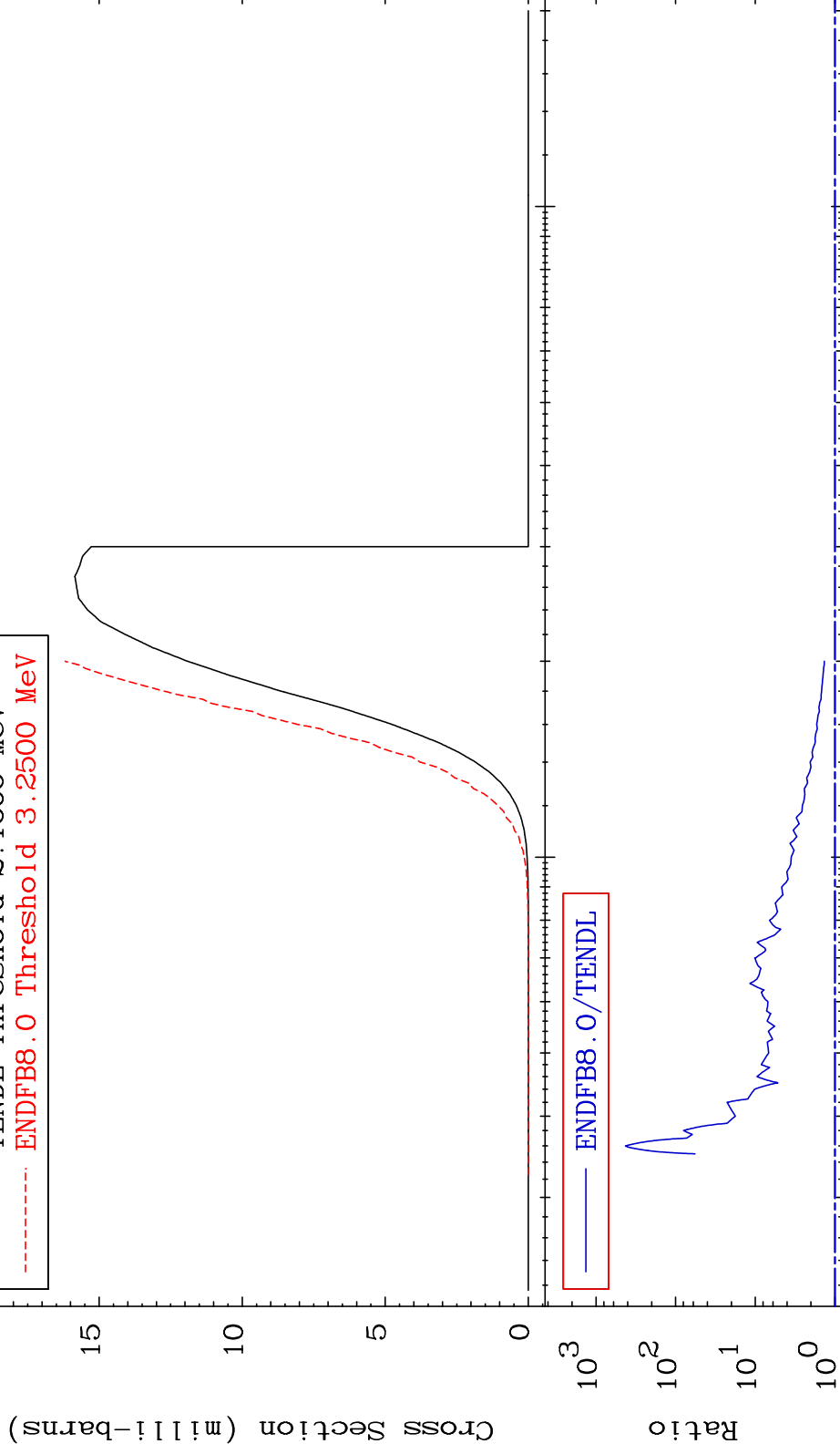
Cross Section

Cross Section

Max Ratio

Min Ratio

TENDL Threshold 2.1606 MeV
ENDFB8.0 Threshold 3.2500 MeV



40

Incident Energy (eV)

68-Er-168

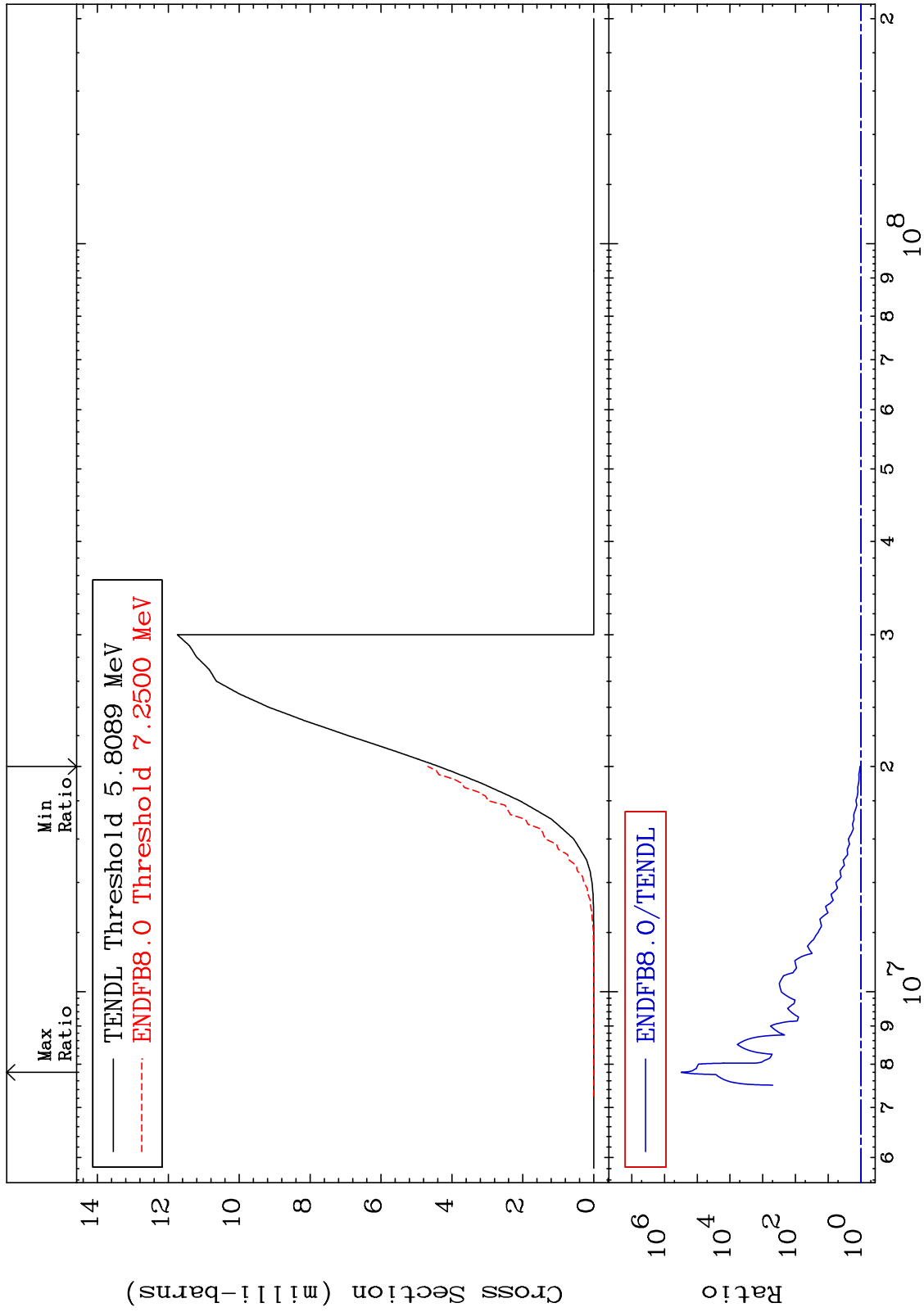
MAT 6843

(n,d)

68-Er-168

Cross Section

7.117 To 9999. %



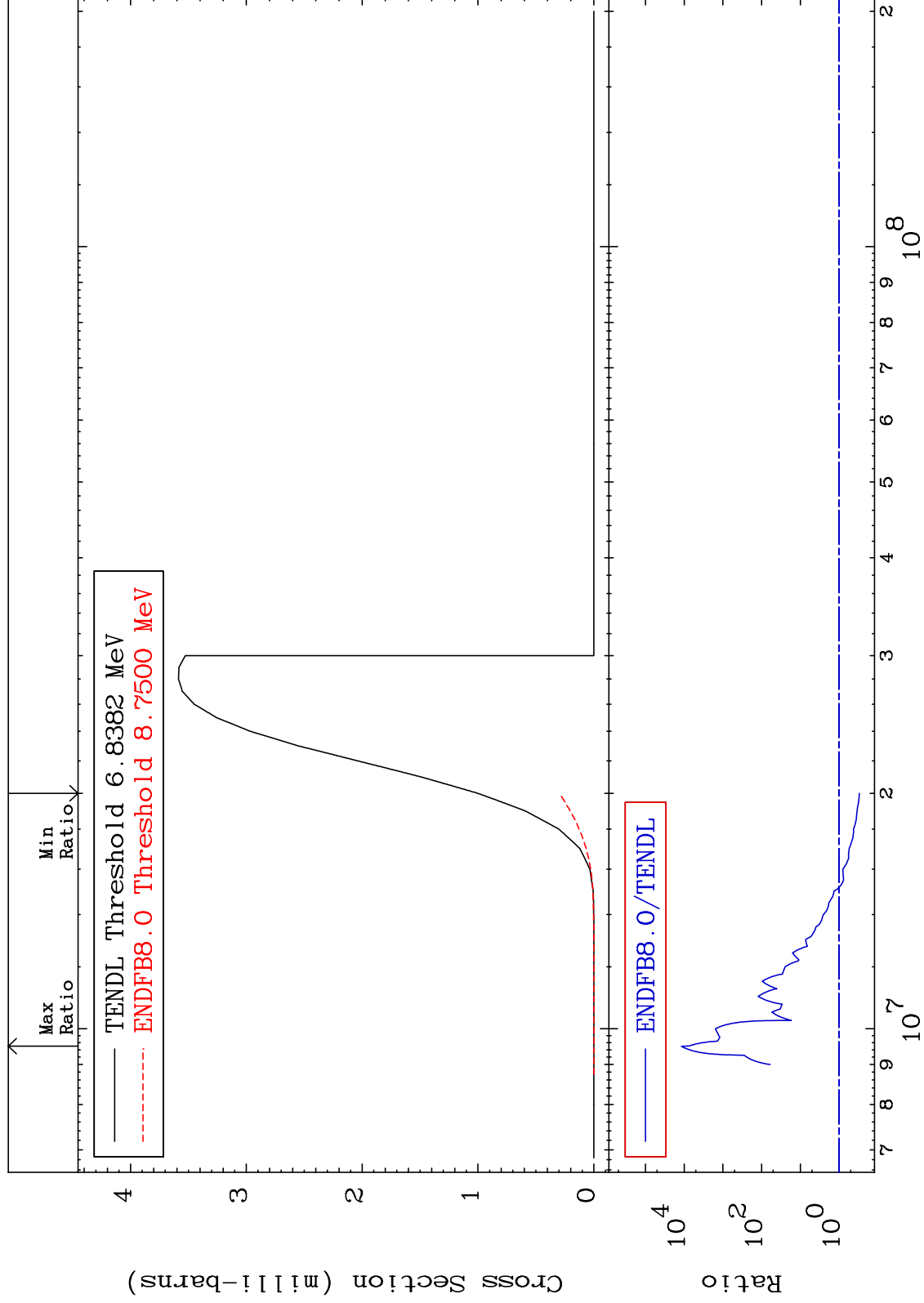
MAT 6843

(n, t)

68-Er-168

-70.07 To 9999. %

Cross Section



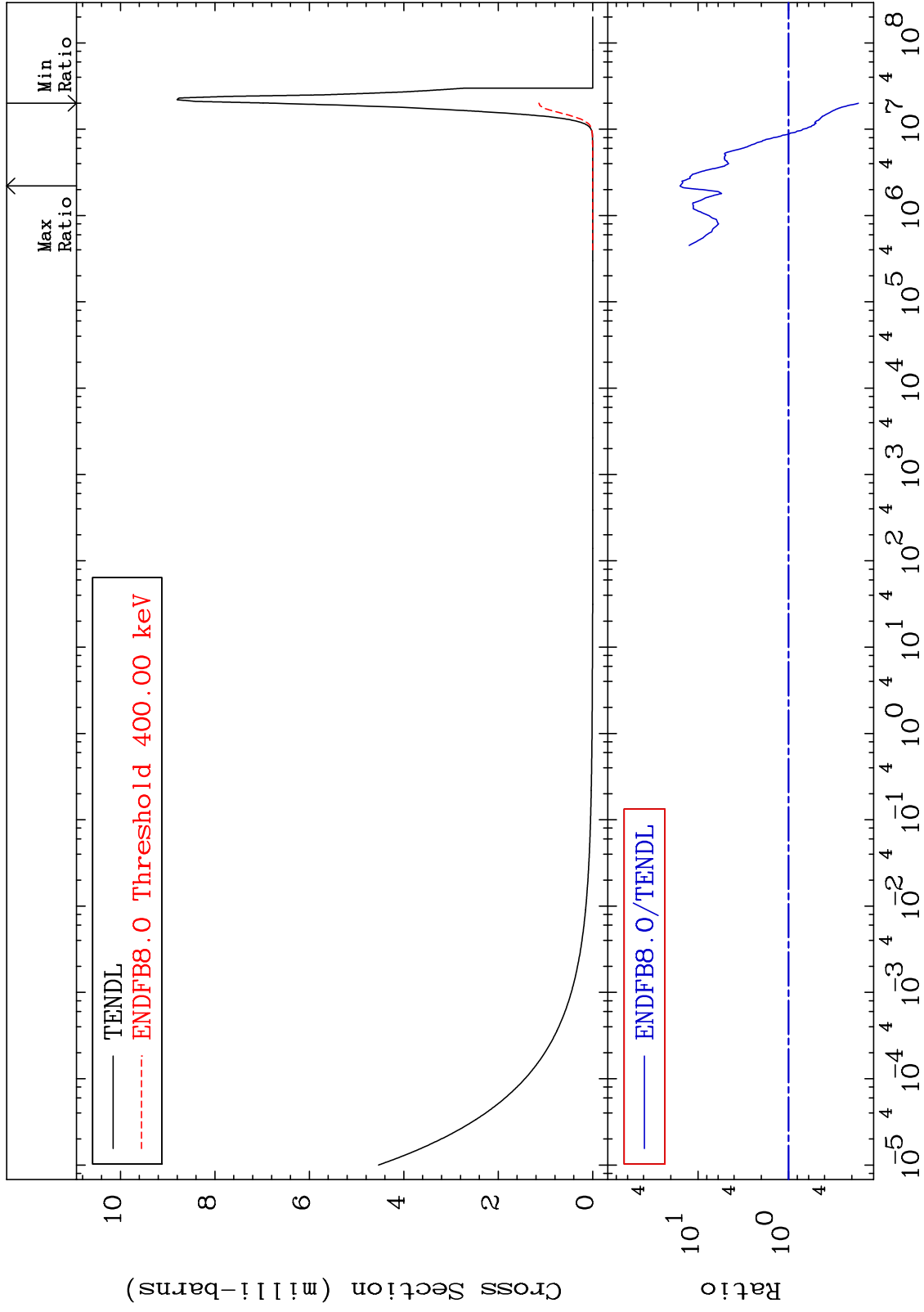
MAT 6843

(n, α)

68-Er-168

Cross Section

-83.06 To 1480. %



43

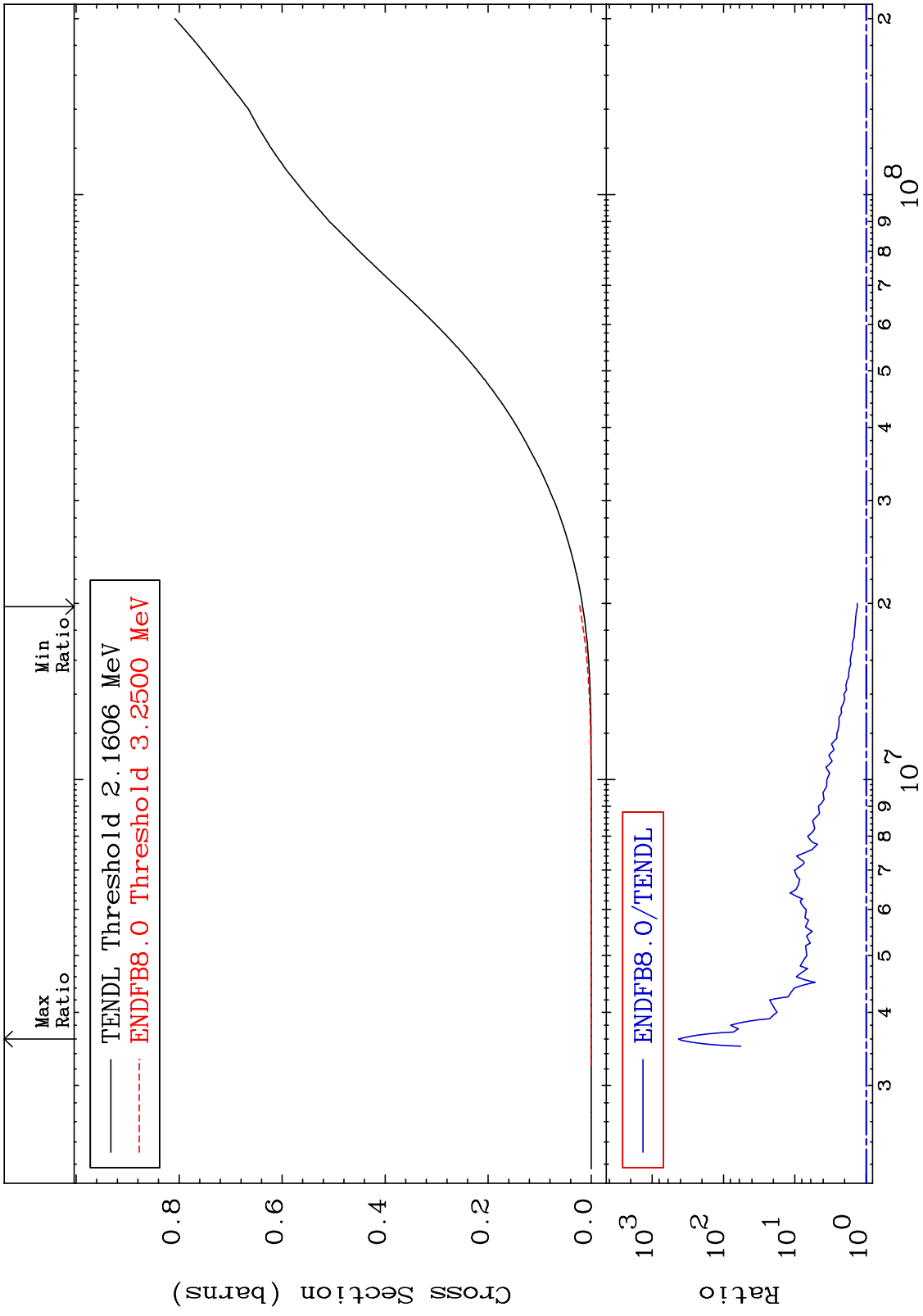
Incident Energy (eV)

68-Er-168

MAT 6843

Hydrogen Production
Cross Section

68-Er-168
33.09 To 9999. %



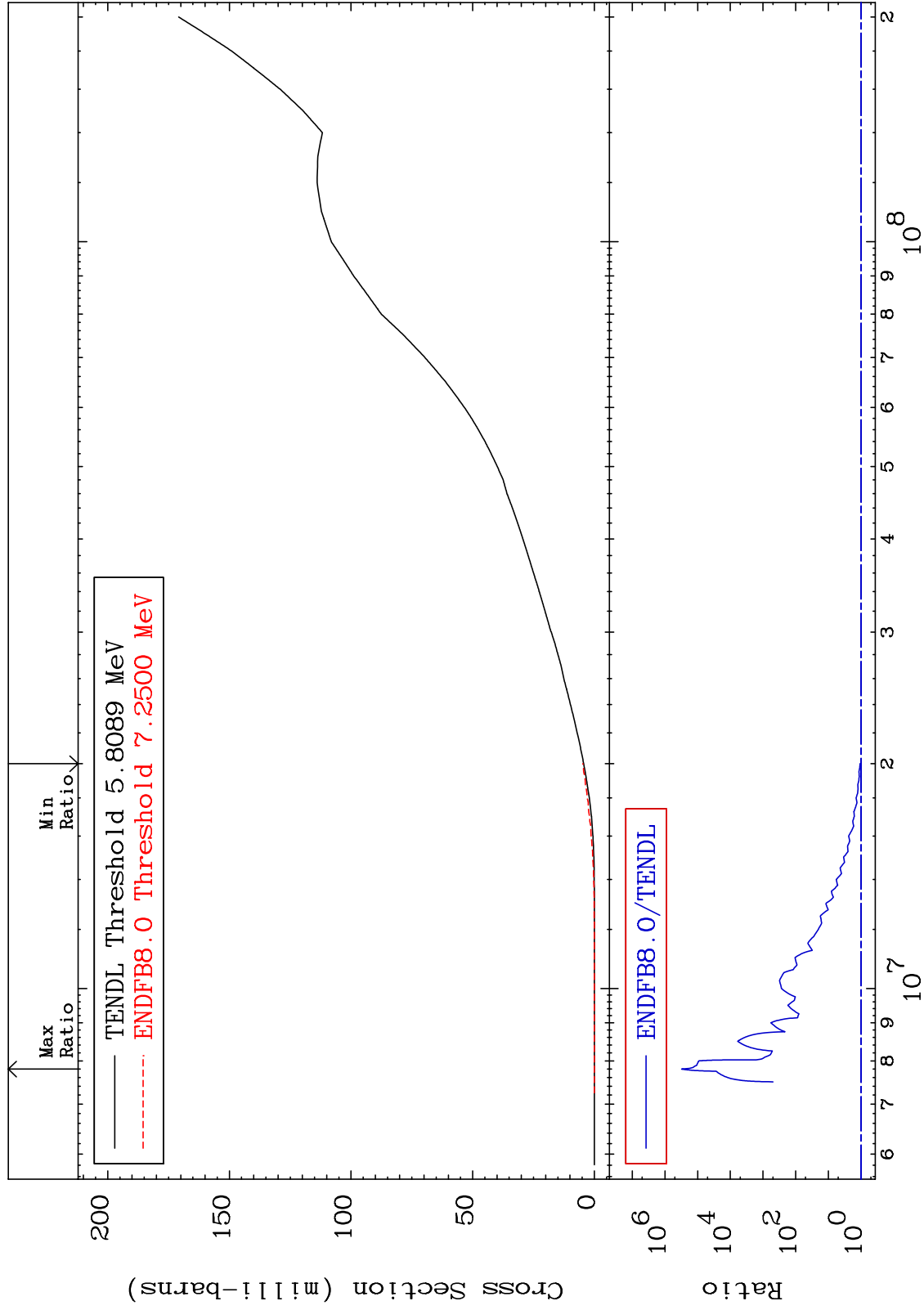
68-Er-168

Incident Energy (eV)

MAT 6843

Deuterium Production
Cross Section

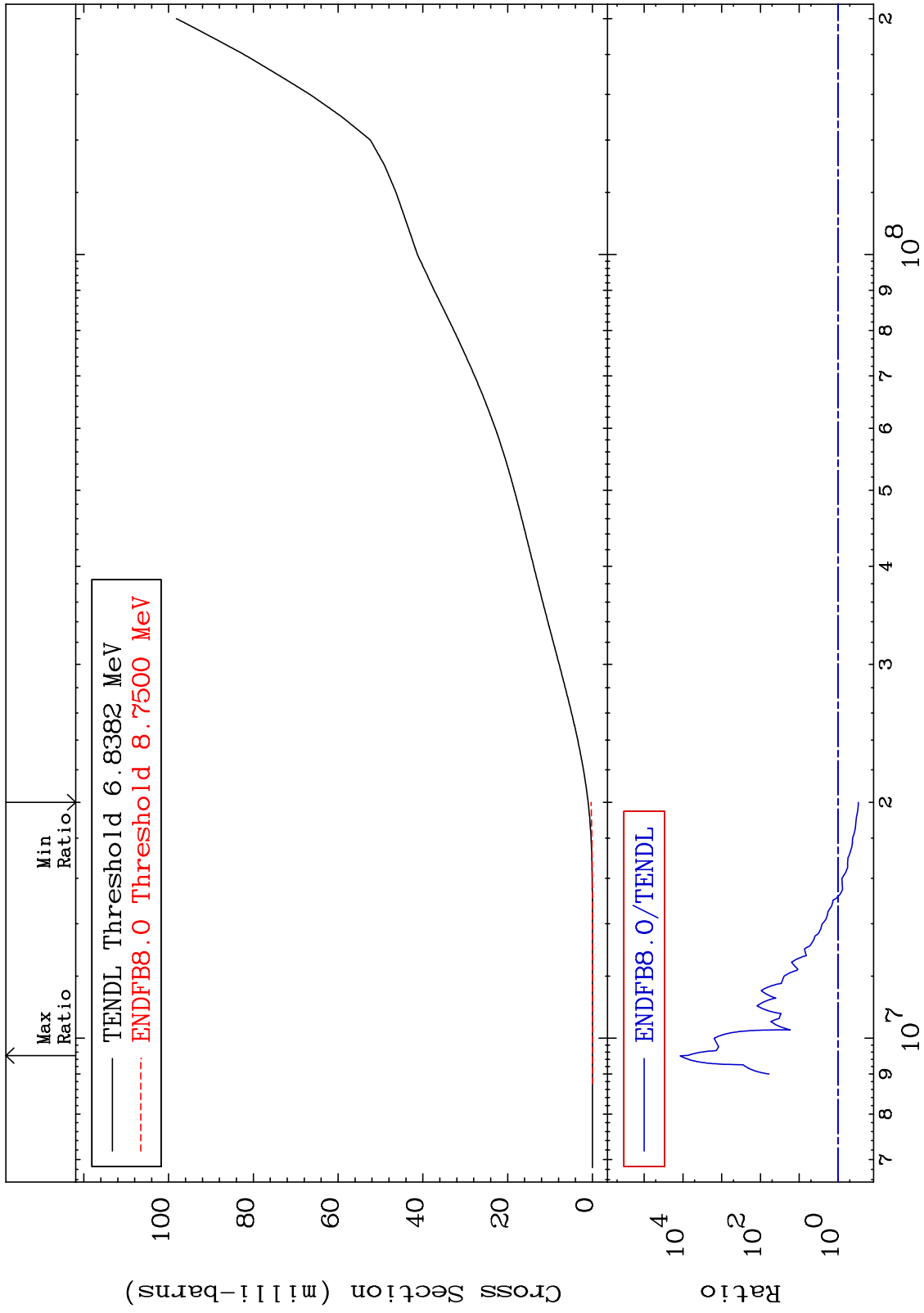
68-Er-168
8.000 To 9999. %



MAT 6843

Tritium Production
Cross Section

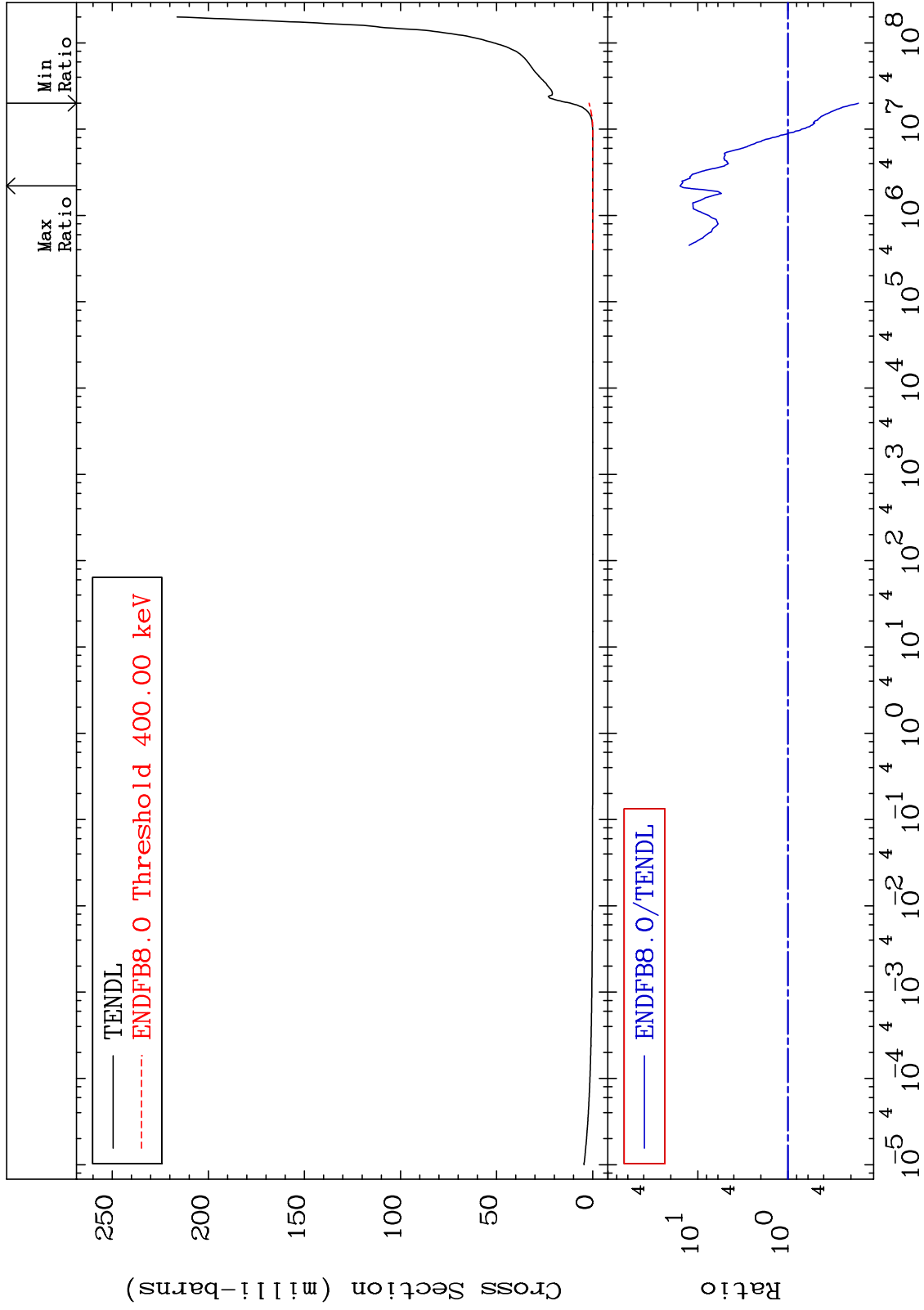
68-Er-168
-70.11 To 9999. %



MAT 6843

He-4 Production
Cross Section

68-Er-168
-83.51 To 1480. %



47

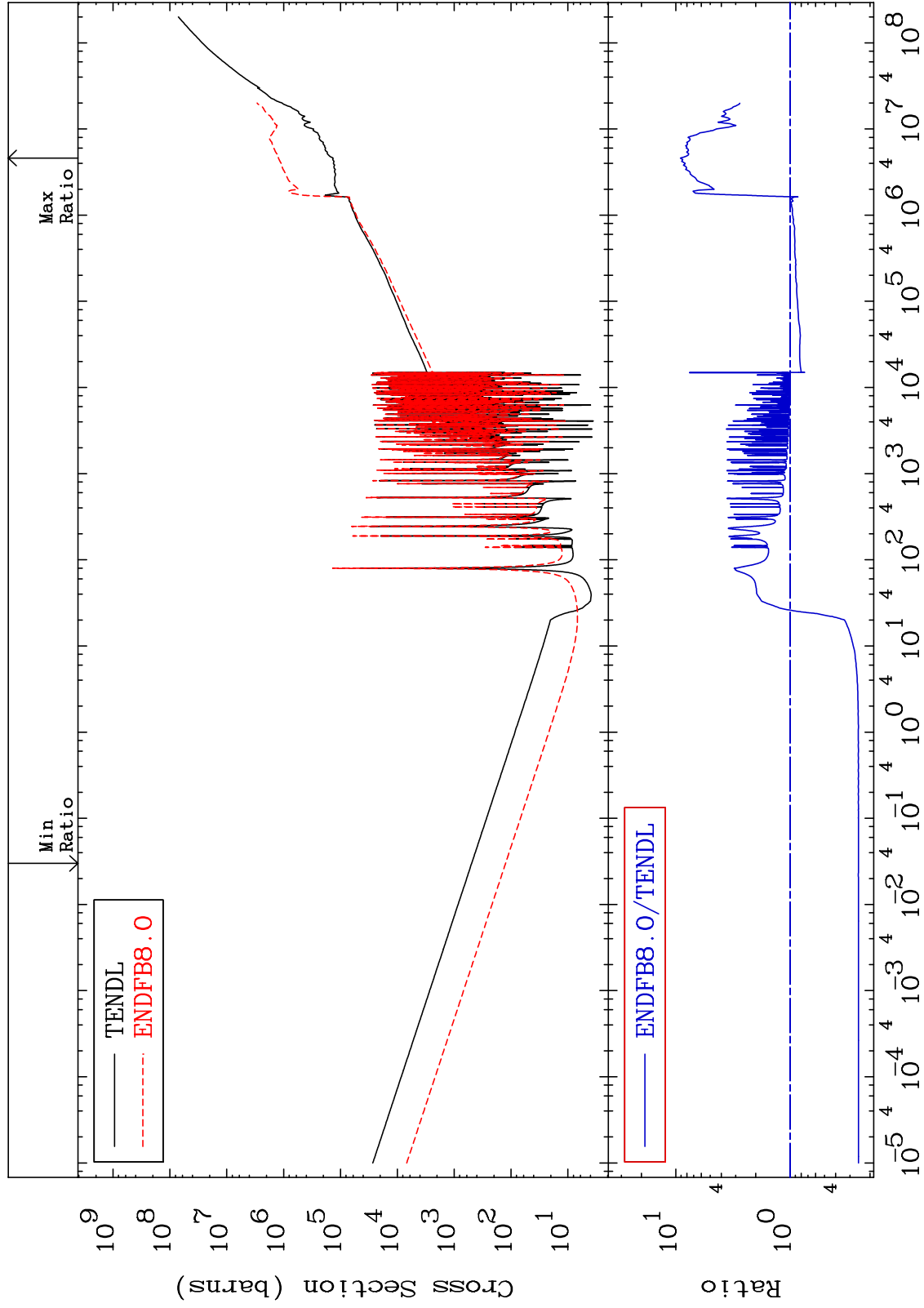
Incident Energy (eV)

68-Er-168

MAT 6843

Kerma total (eV-barns)
Cross Section

68-Er-168
-74.74 To 811.7 %



48

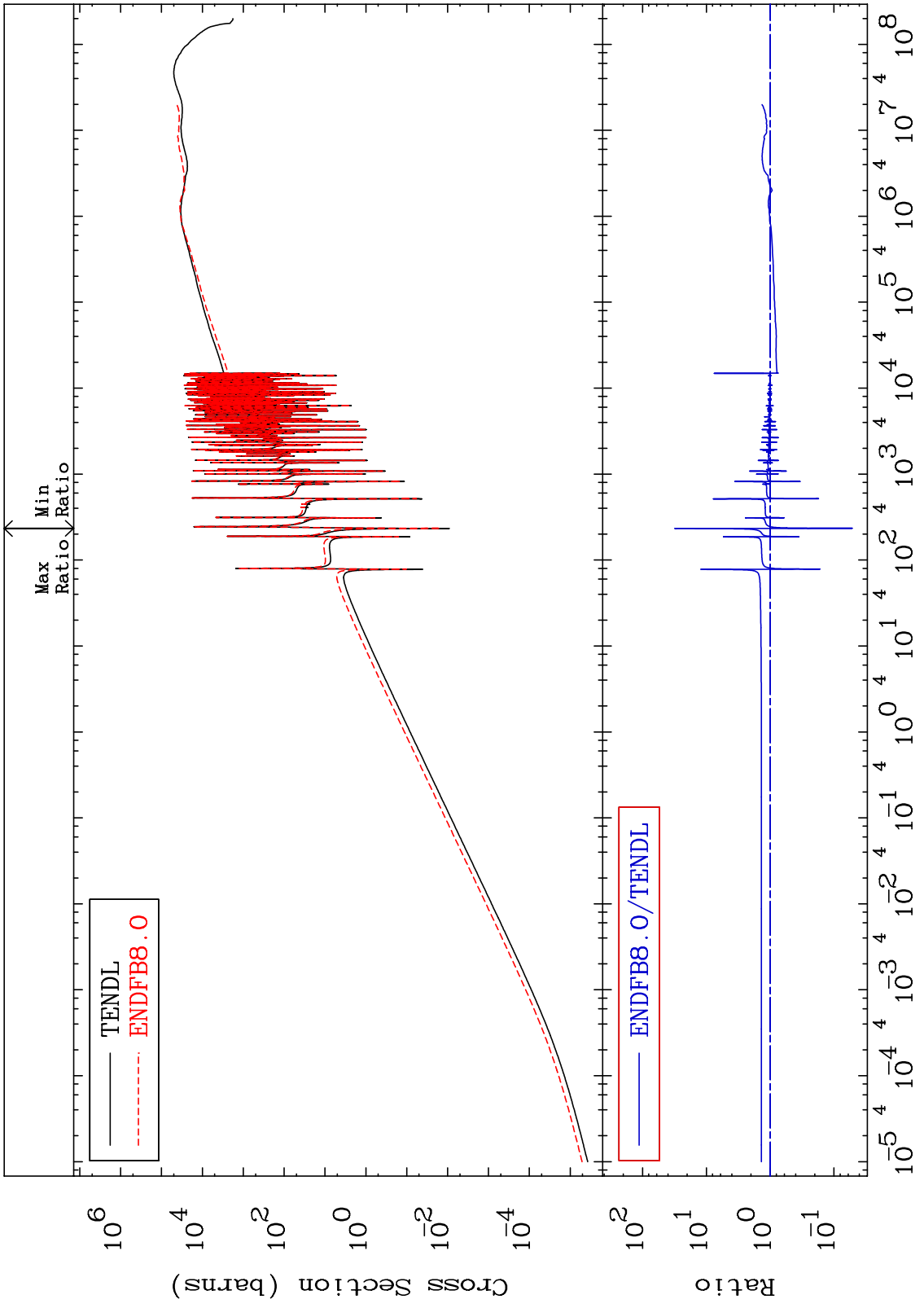
Incident Energy (eV)

68-Er-168

MAT 6843

Kerma elastic
Cross Section

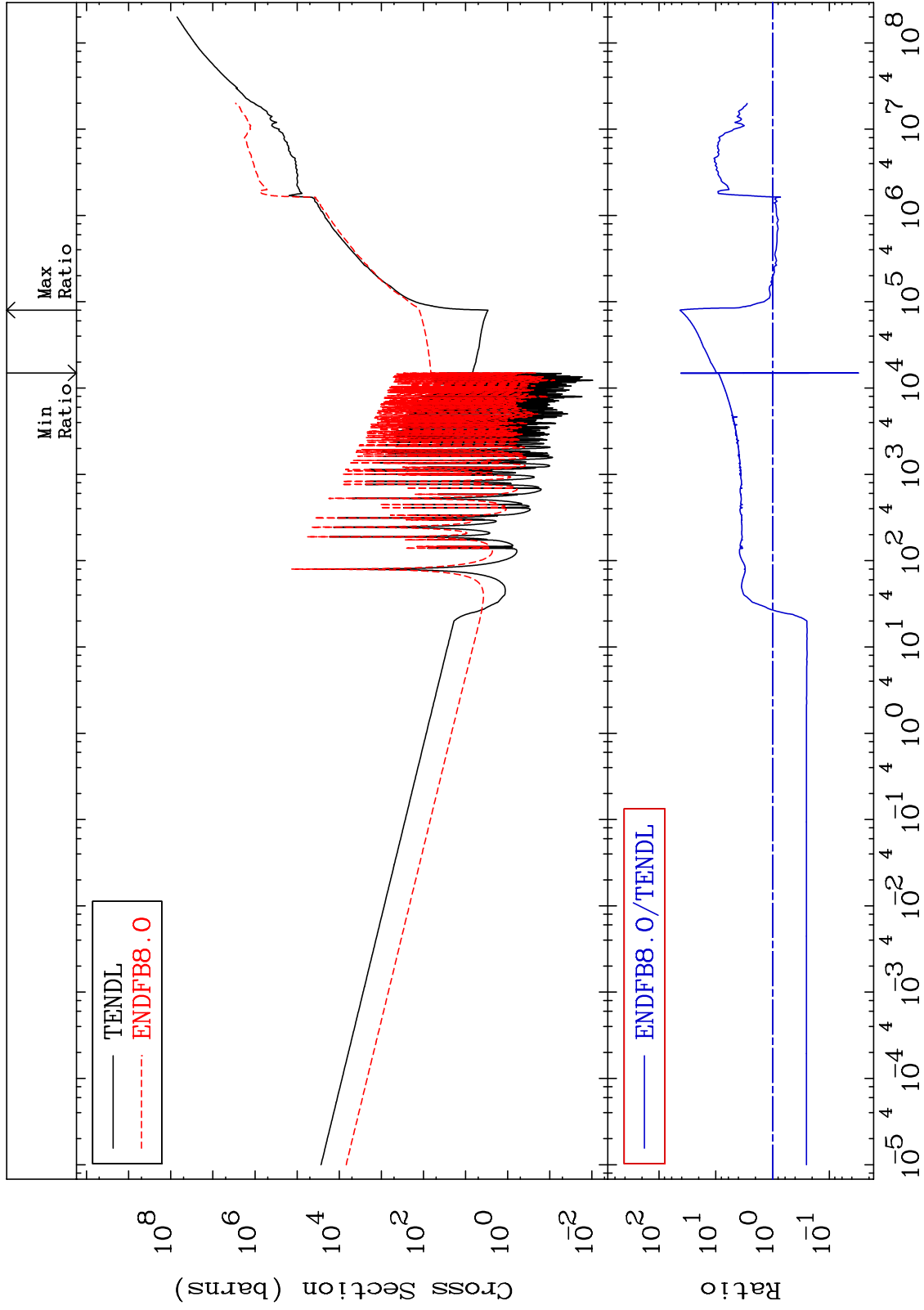
68-Er-168
-94.81 To 3049. %



MAT 6843

Kerma non-elastic (all but mt2)
Cross Section

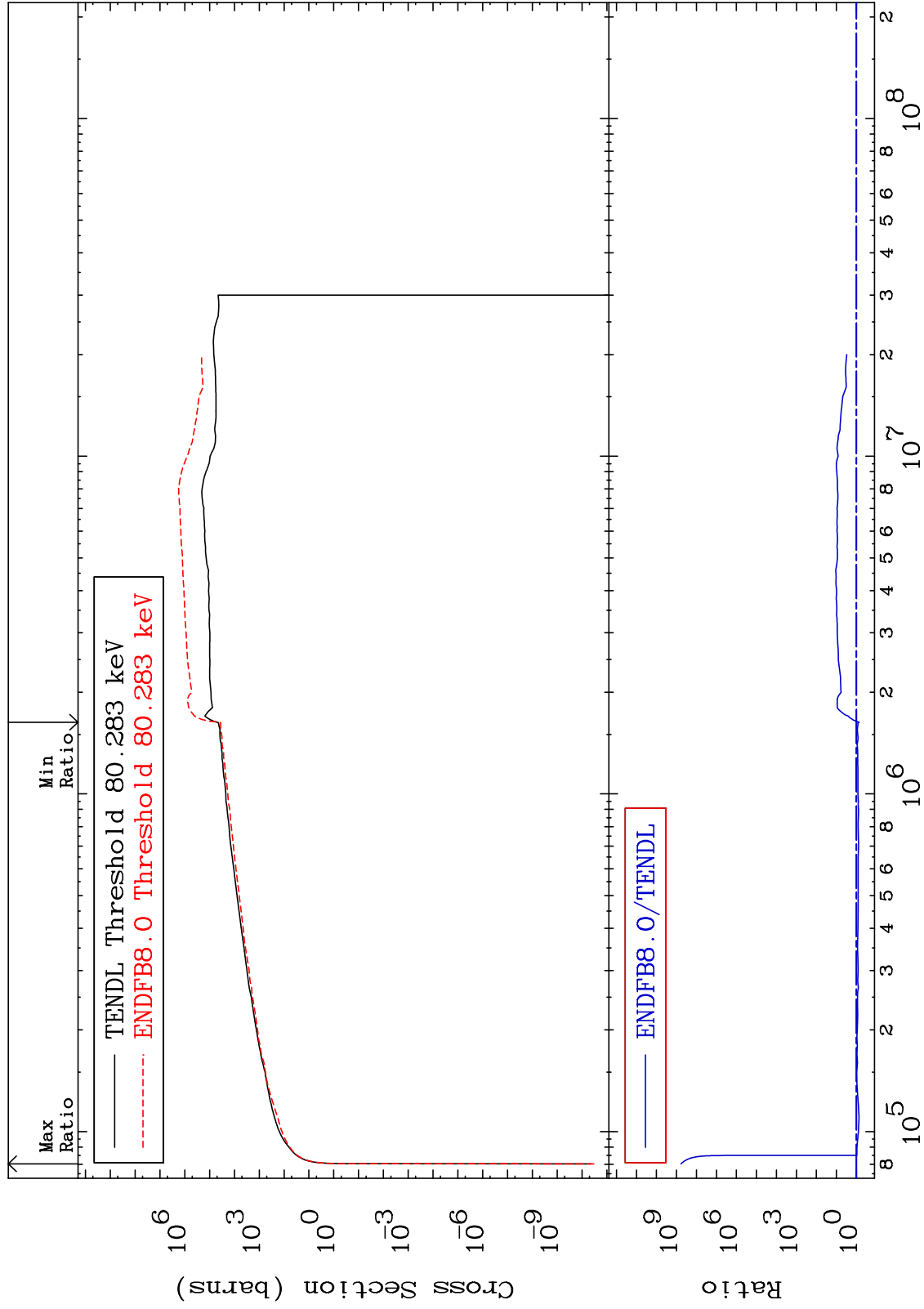
68-Er-168
-96.93 To 4171. %



MAT 6843

Kerma inelastic (mt51-91)
Cross Section

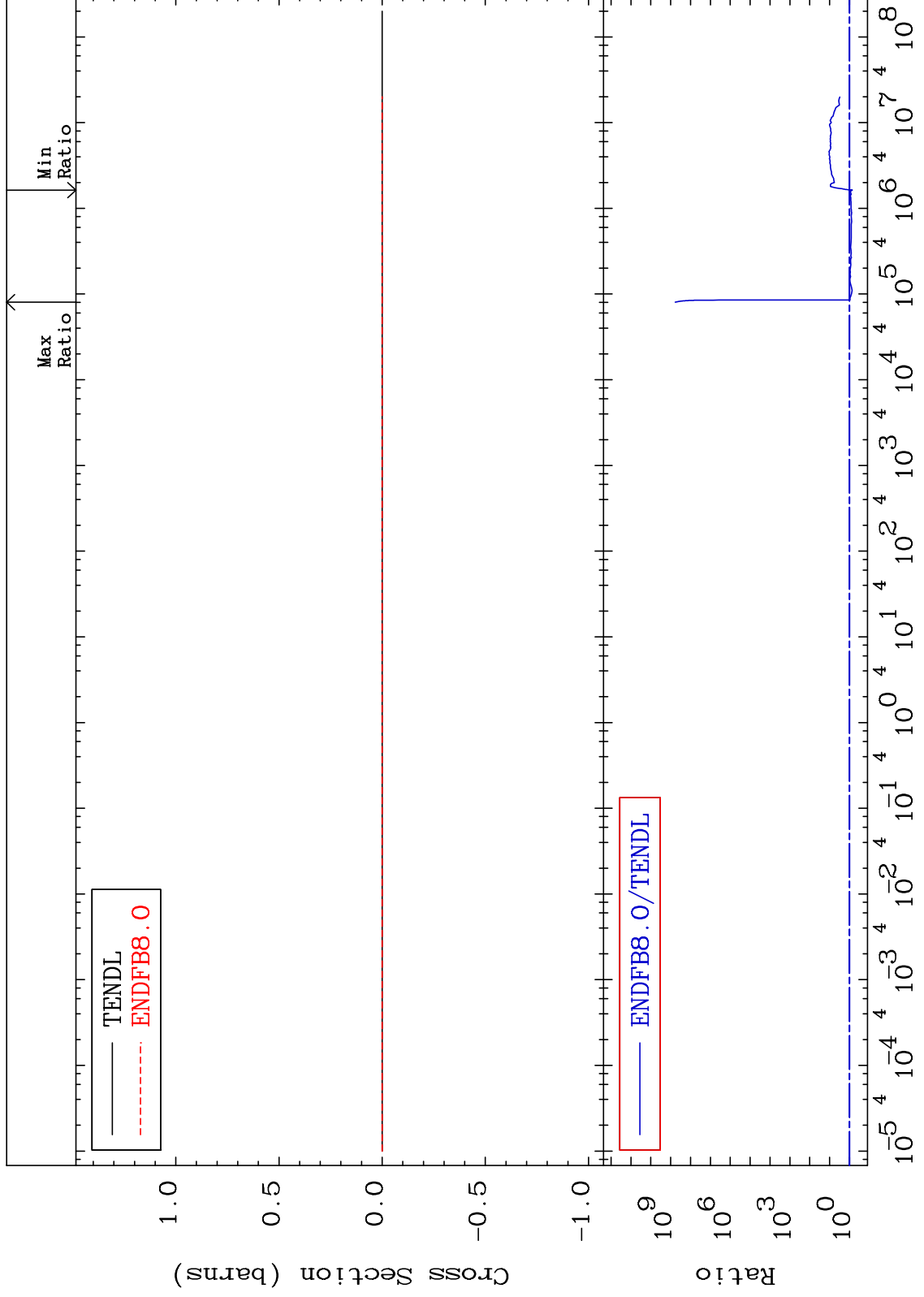
68-Er-168
-28.27 To 9999. %



MAT 6843

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

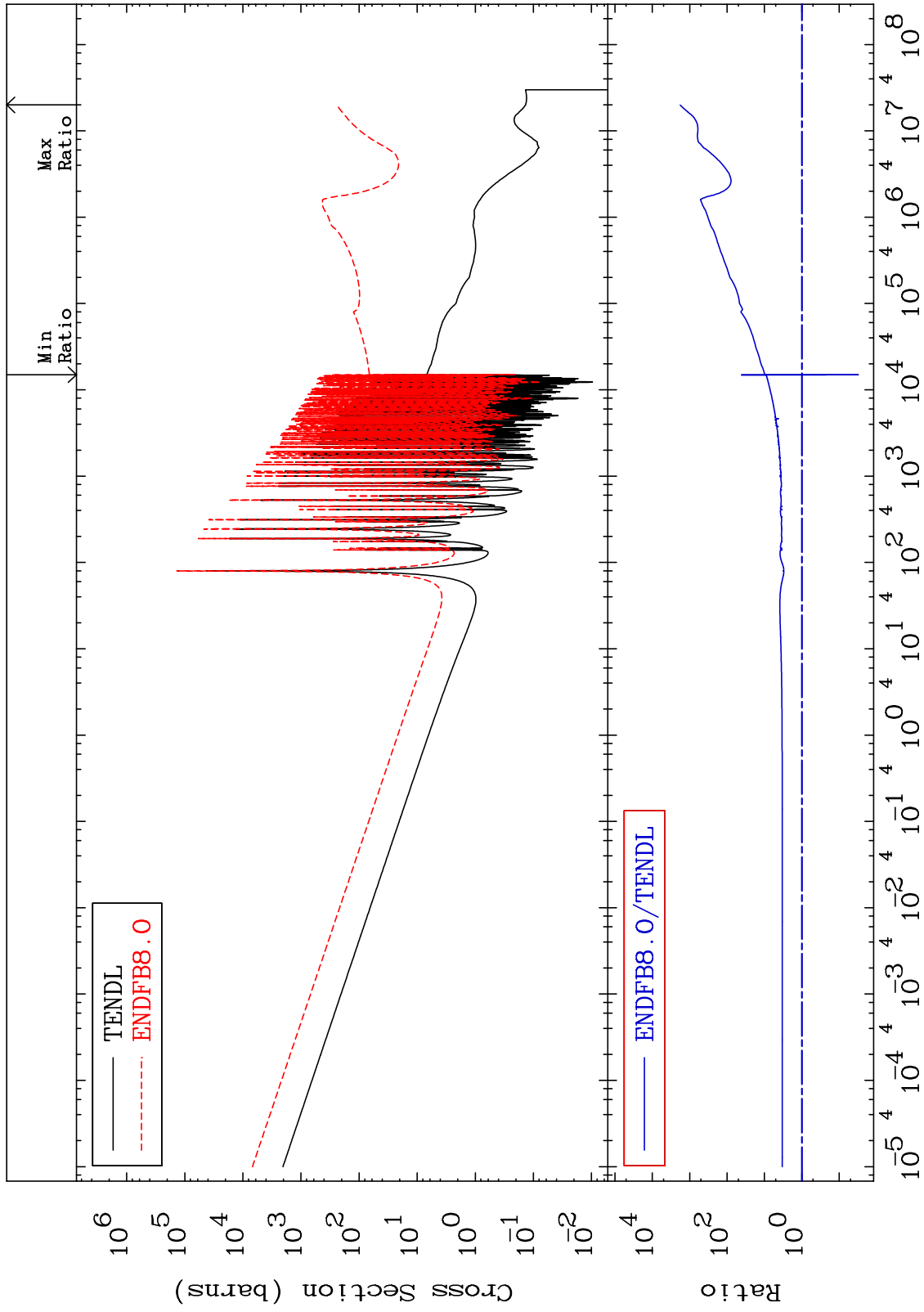
68-Er-168
-28.27 To 9999. %



MAT 6843

Kerma capture (mt102)
Cross Section

68-Er-168
-96.93 To 9999. %



53

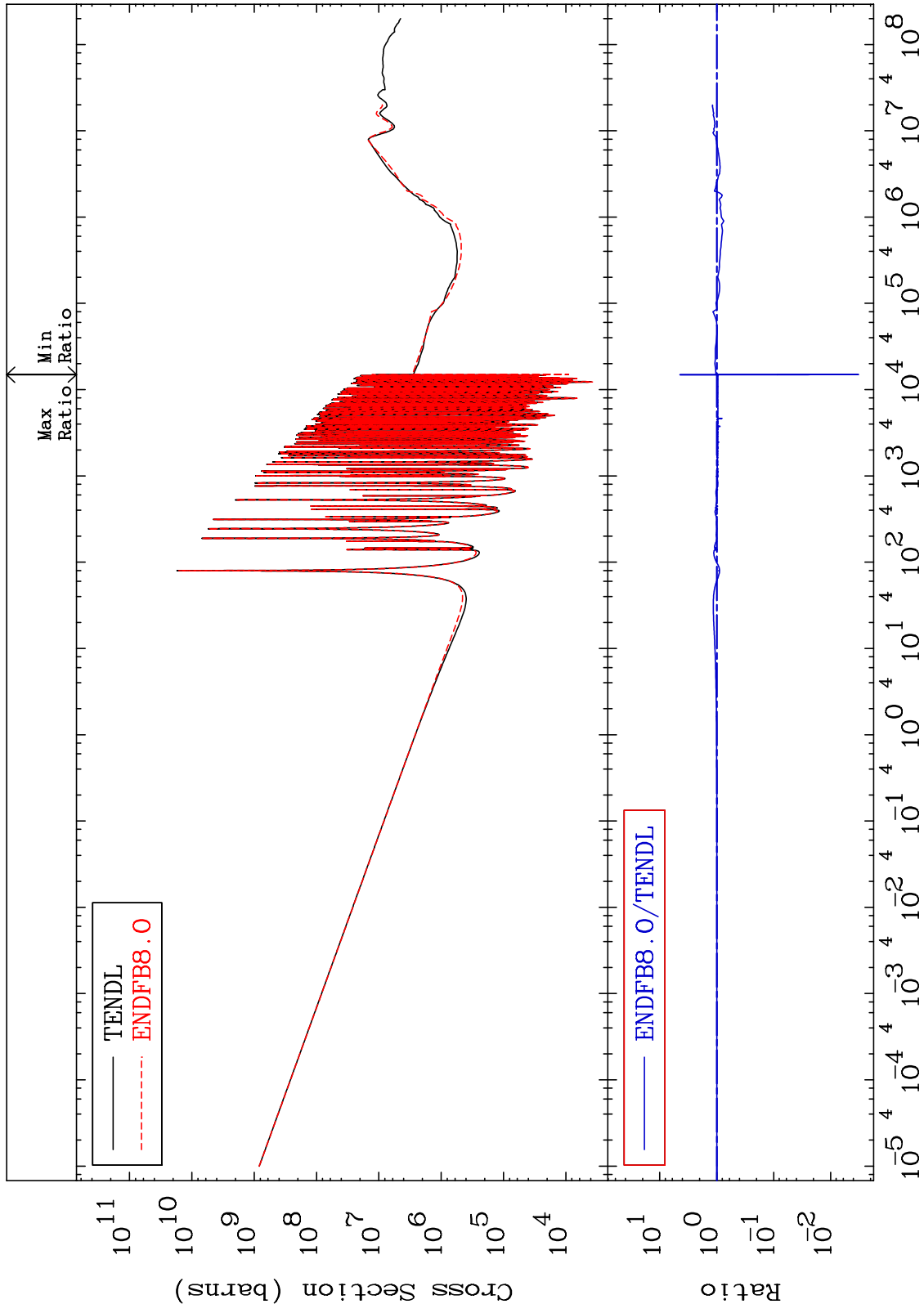
Incident Energy (eV)

68-Er-168

MAT 6843

Total photon (eV-barns)
Cross Section

68-Er-168
-99.67 To 340.5 %



54

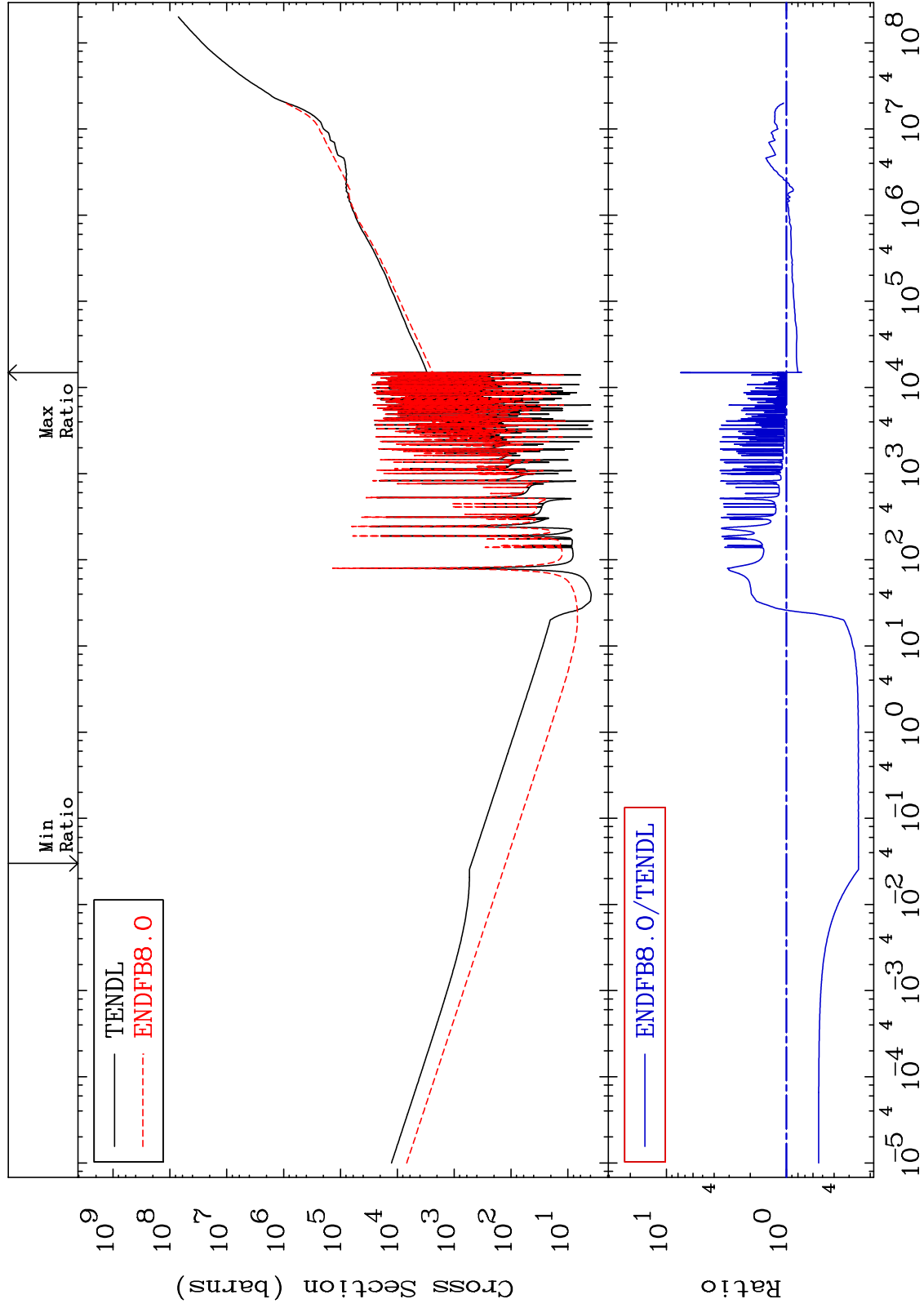
Incident Energy (eV)

68-Er-168

MAT 6843

Total kinematic kerma (high limit)
Cross Section

68-Er-168
-74.95 To 663.2 %



55

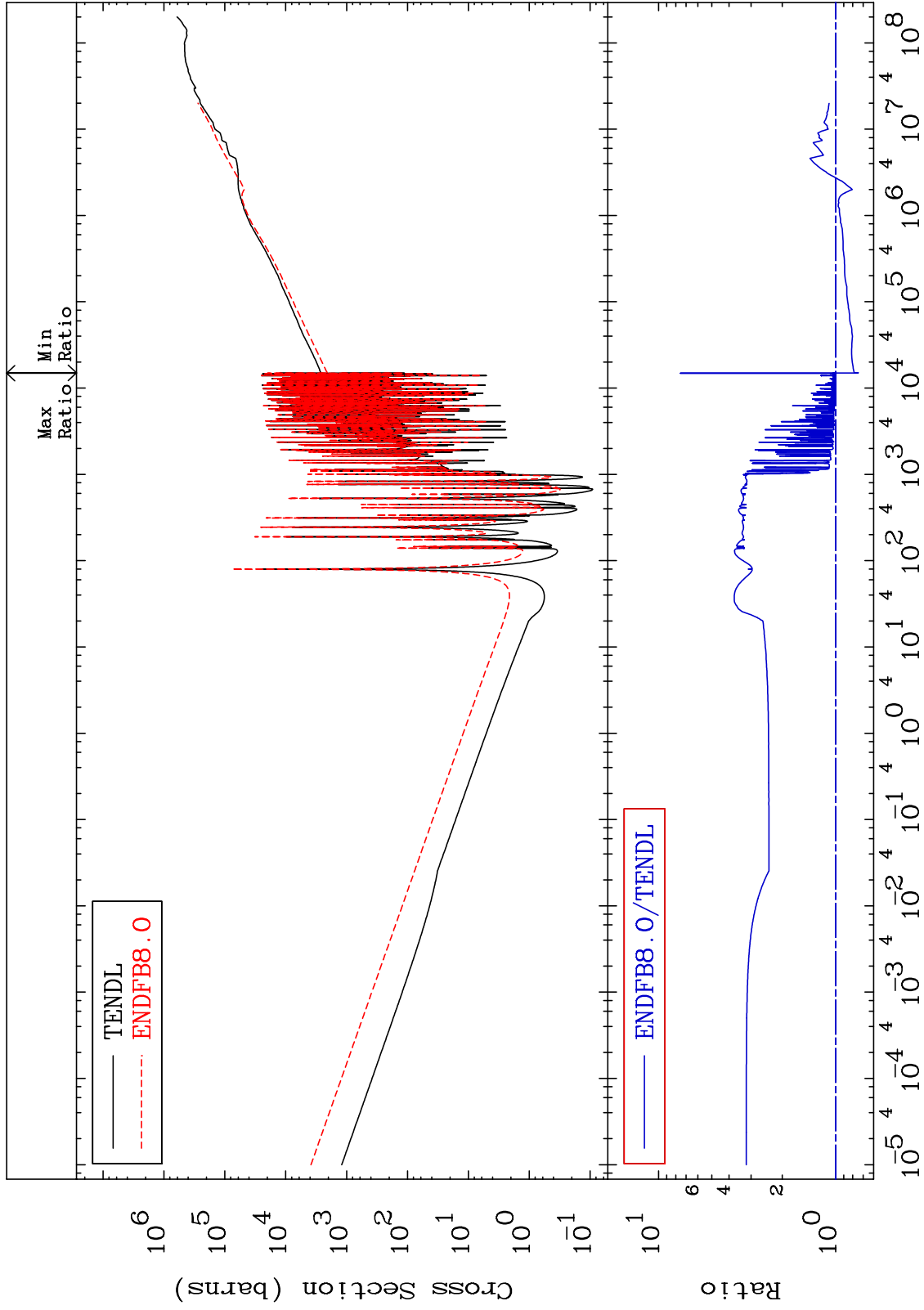
Incident Energy (eV)

68-Er-168

MAT 6843

Dpa total (eV-barns)
Cross Section

68-Er-168
-25.64 To 656.7 %



56

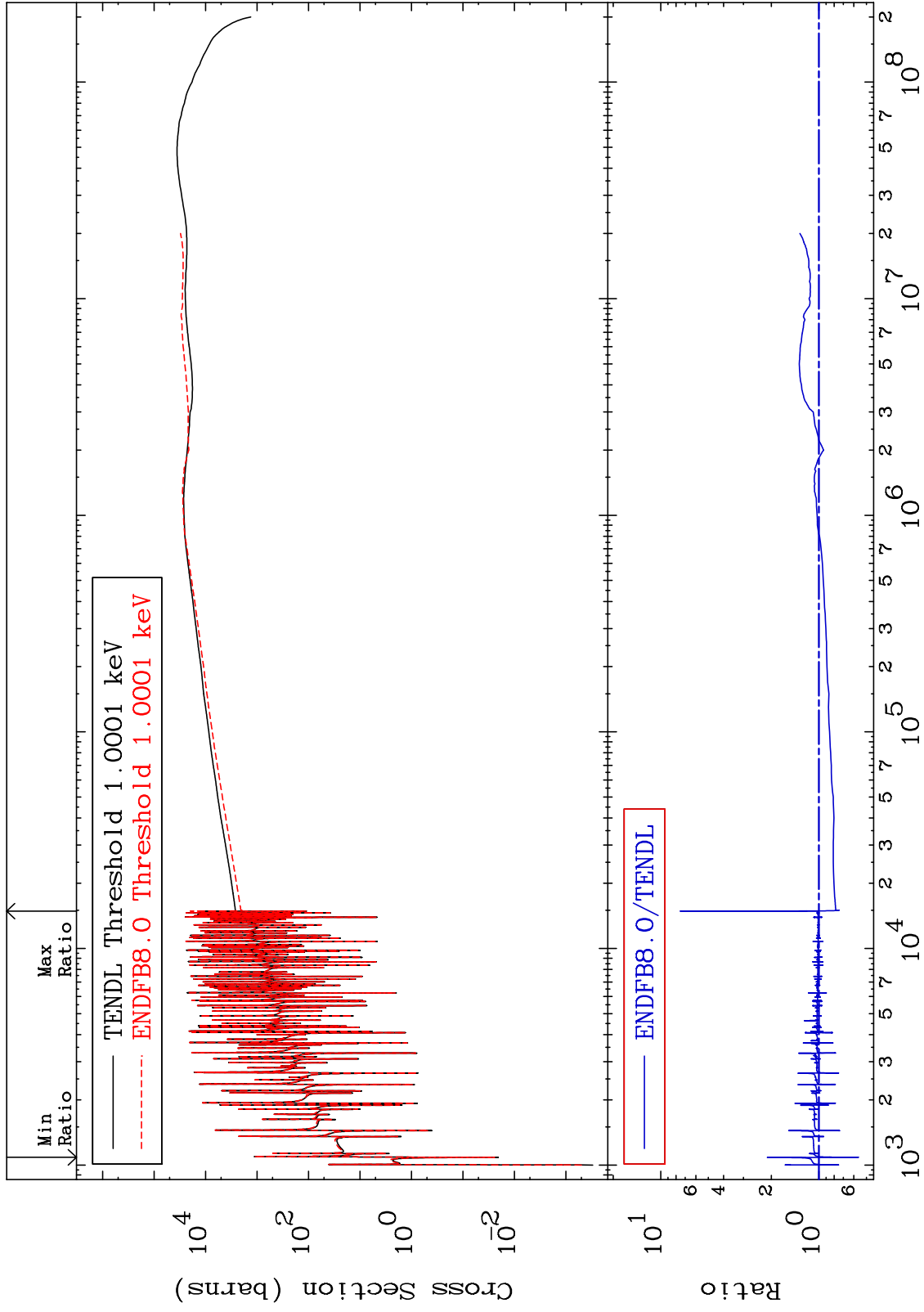
Incident Energy (eV)

68-Er-168

MAT 6843

Dpa elastic (mt2)
Cross Section

68-Er-168
-43.85 To 655.8 %



57

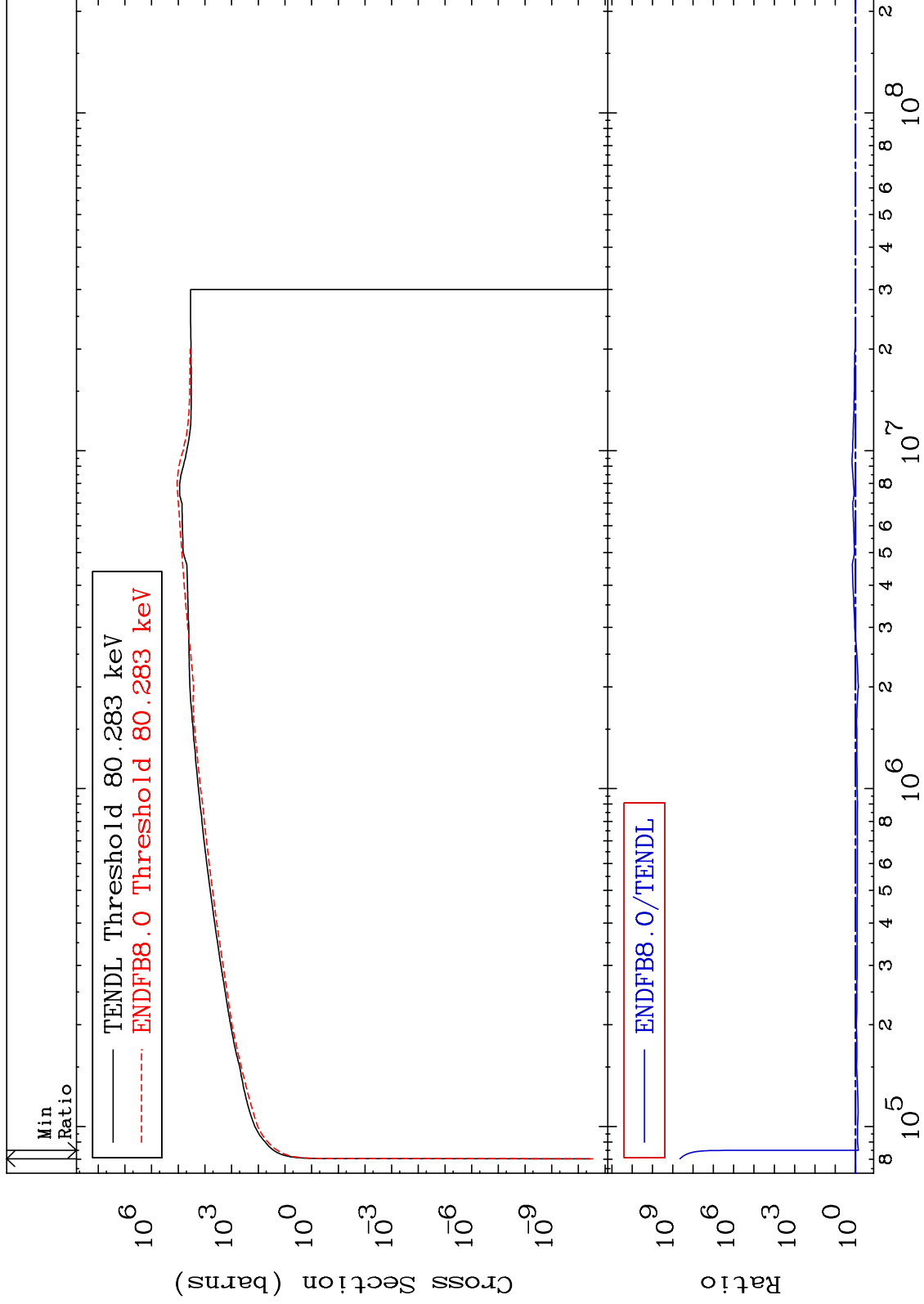
68-Er-168

68-Er-168

MAT 6843

Dpa inelastic (mt51-91)
Cross Section

68-Er-168
-28.38 To 9999. %



58

Incident Energy (eV)

68-Er-168

MAT 6843

Dpa disappearance (mt102 -120)
Cross Section

68-Er-168
-98.93 To 1346. %

