

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

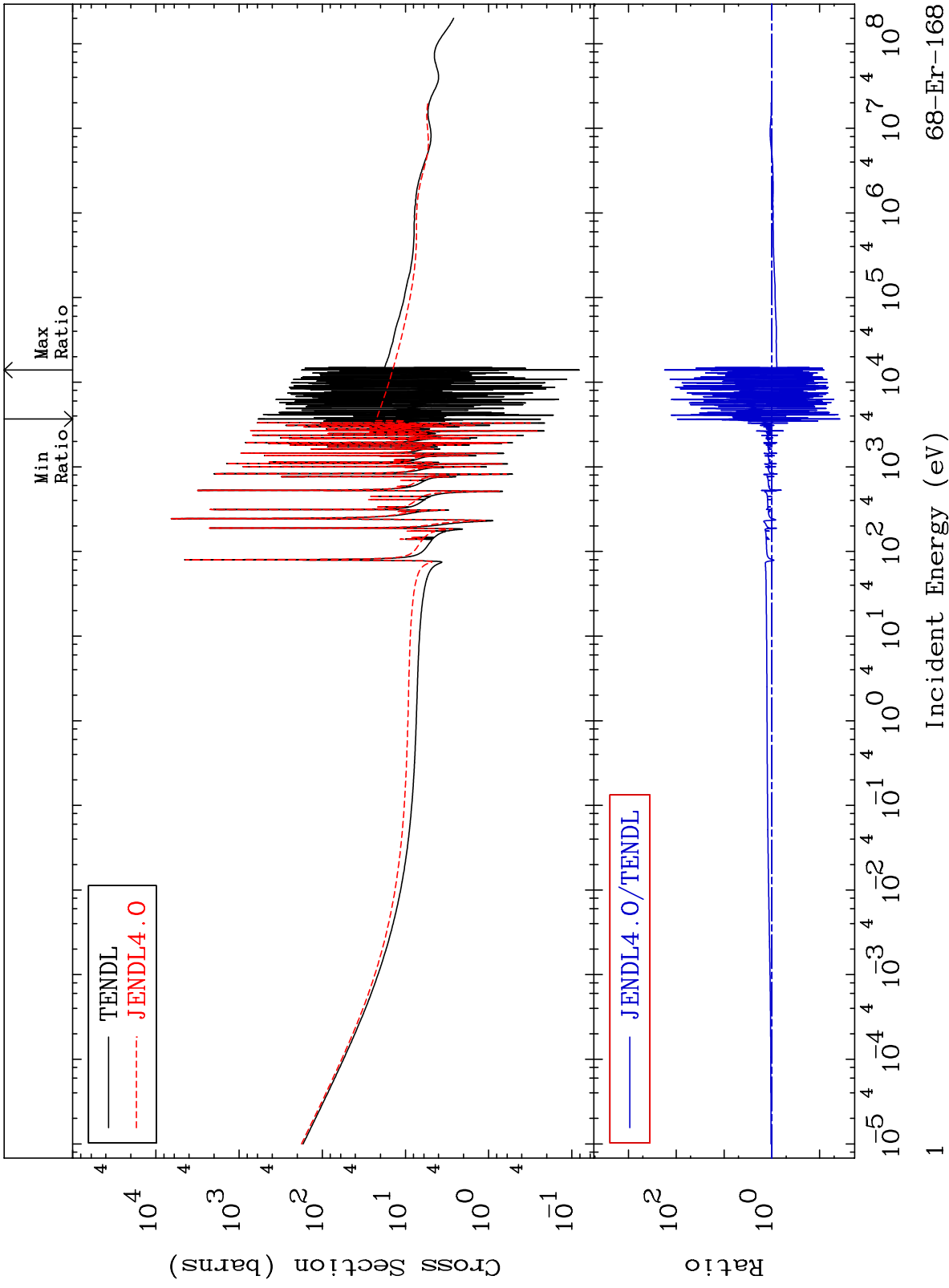
MAT 6843

Total

68-Er-168

Cross Section

-96.19 To 9999. %



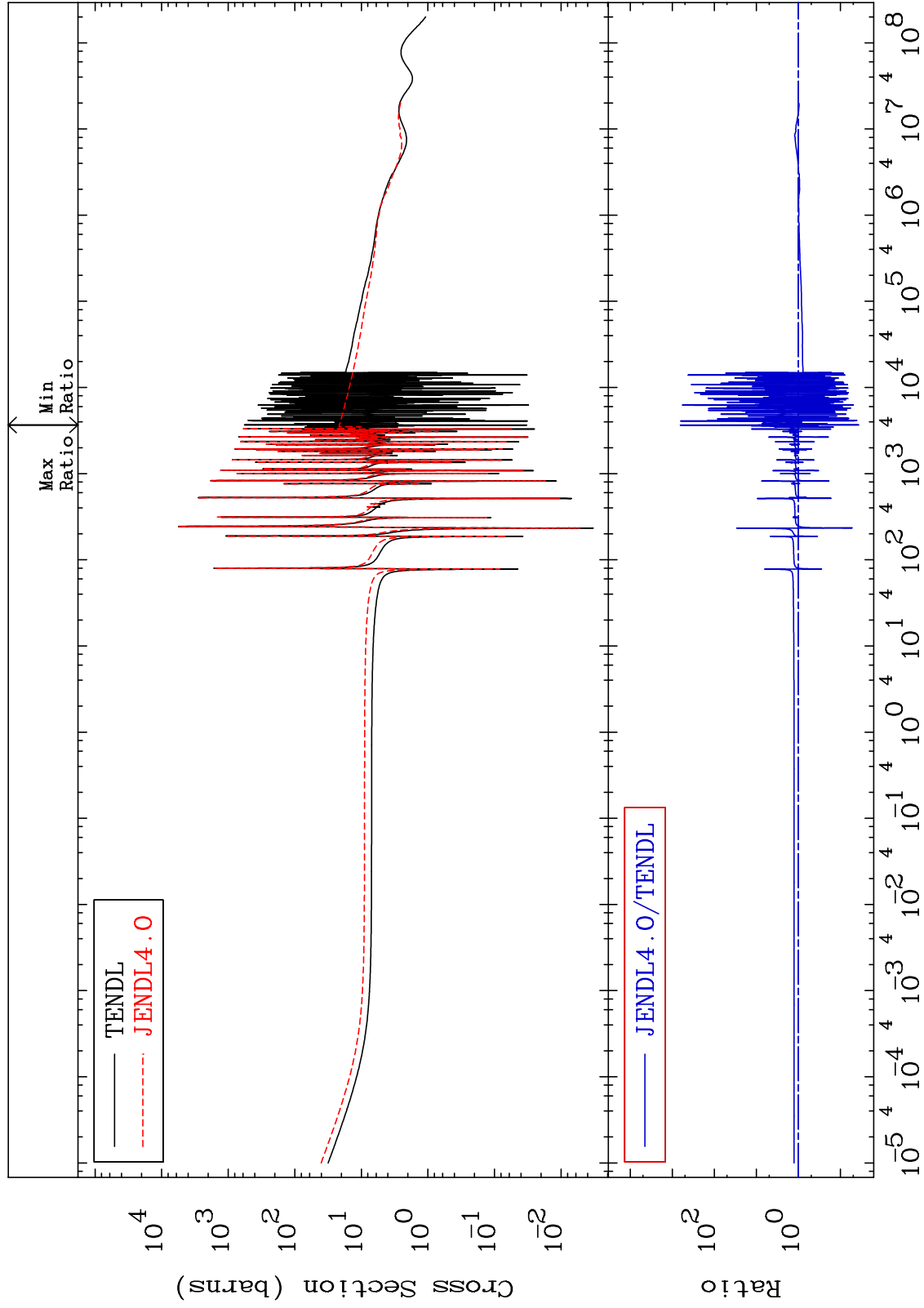
Incident Energy (eV)

68-Er-168

MAT 6843

Elastic
Cross Section

68-Er-168
-96.28 To 9999. %

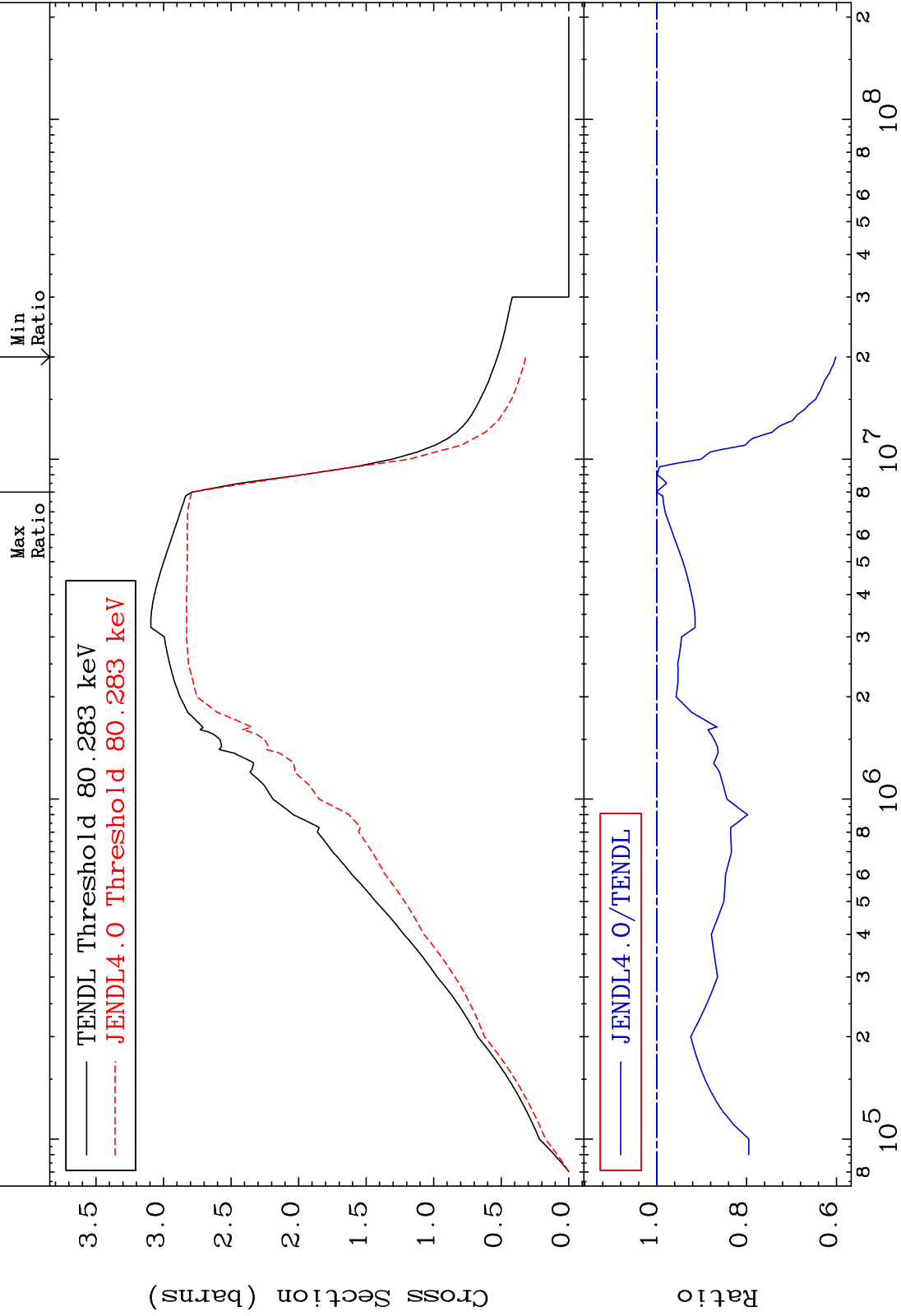


MAT 6843

68-Er-168

-39.88 To 0.041 %

Inelastic
Cross Section



68-Er-168

Incident Energy (eV)

3

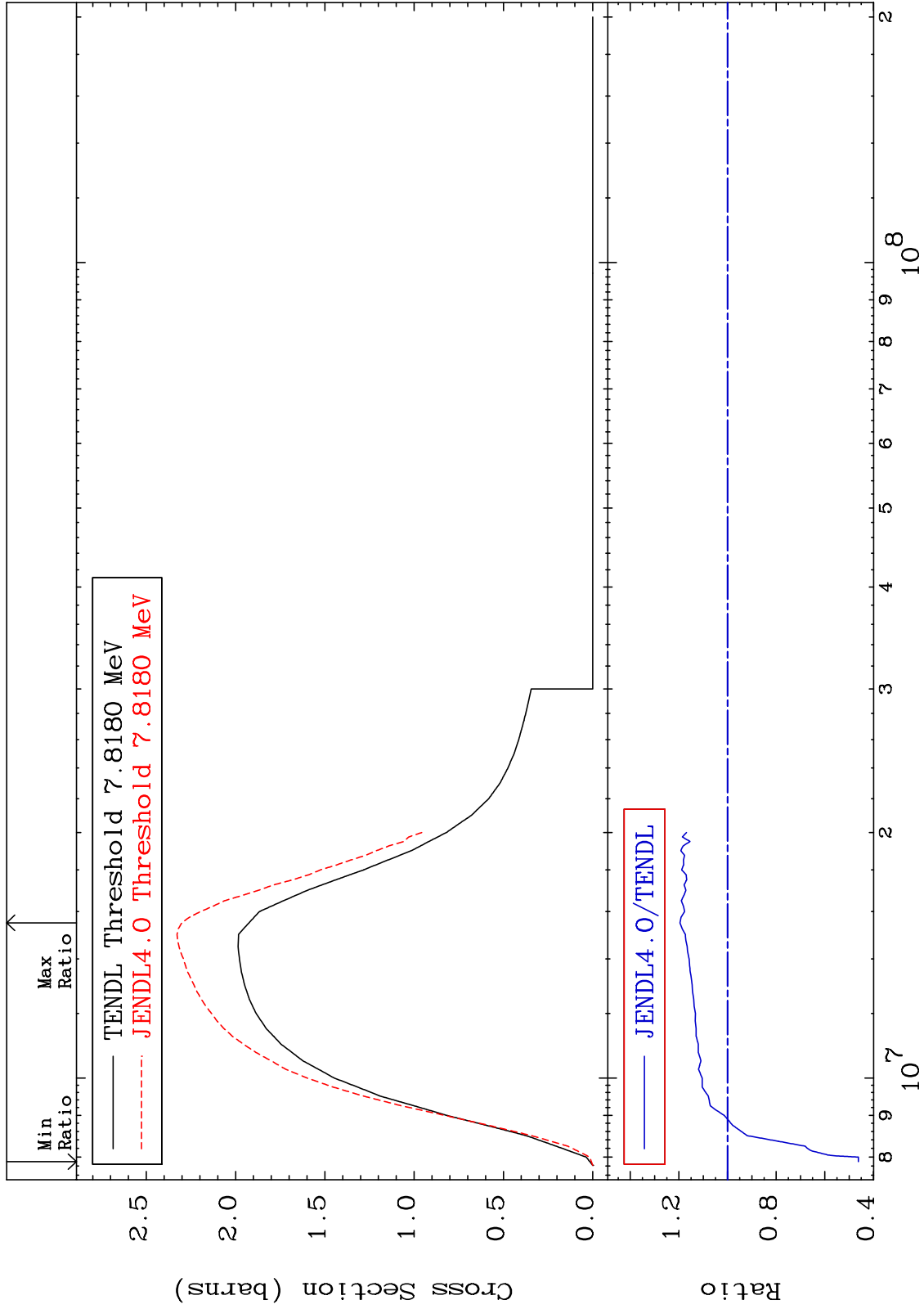
MAT 6843

(n,2n)

68-Er-168

Cross Section

-53.81 To 19.55 %



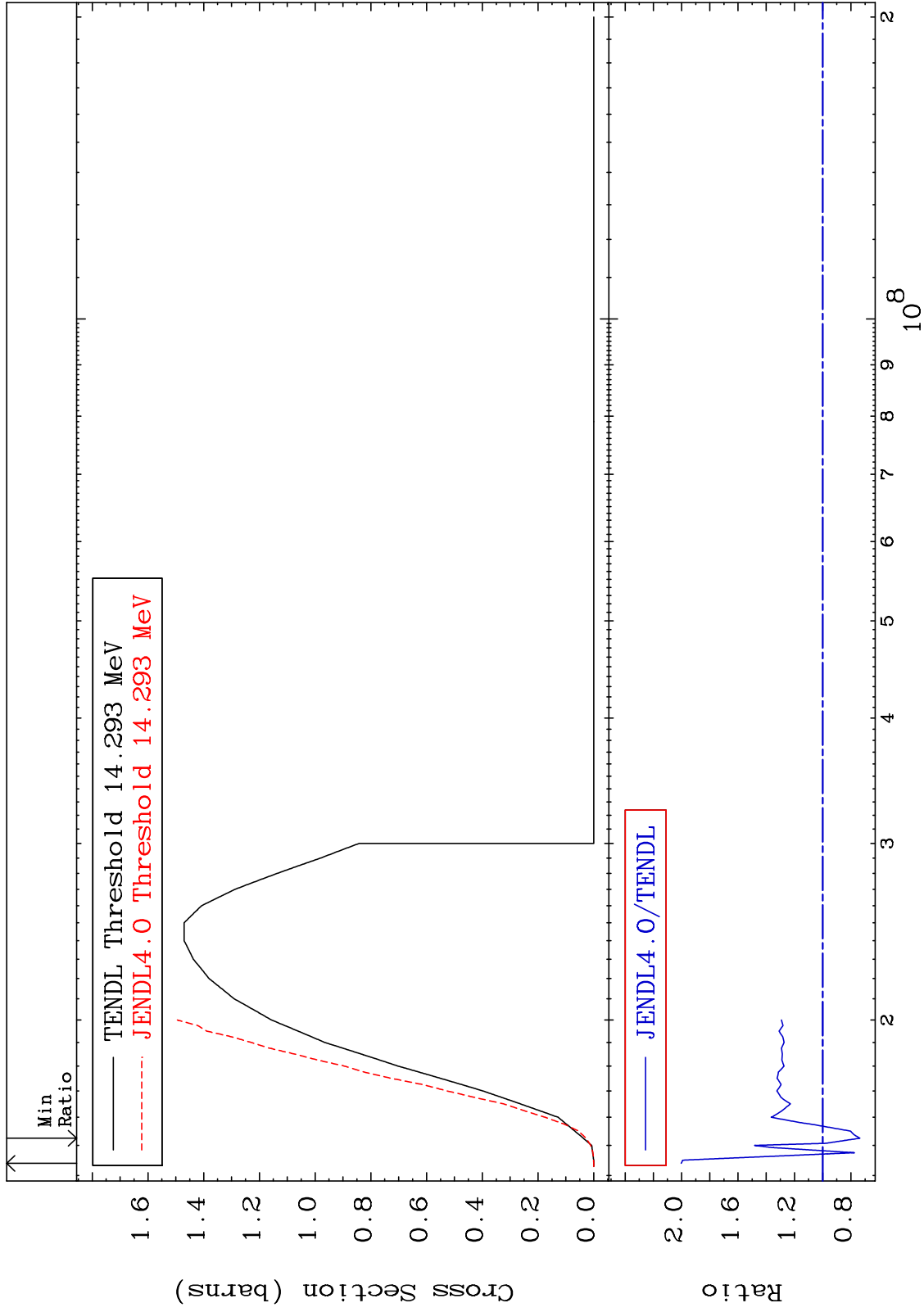
4

Incident Energy (eV)

68-Er-168

Cross Section

-26.39 To 100.3 %



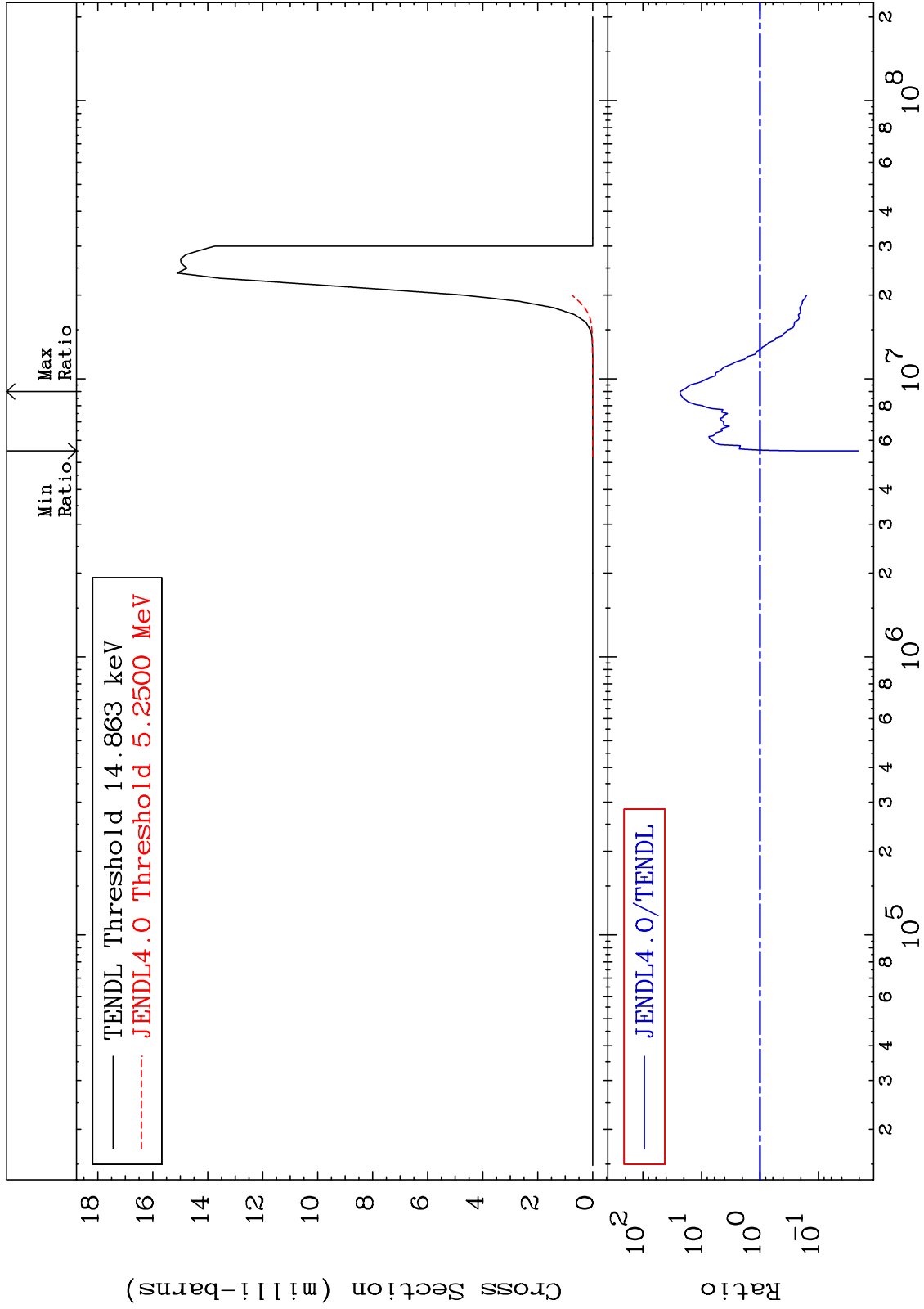
MAT 6843

$(n, n') \alpha$

68-Er-168

Cross Section

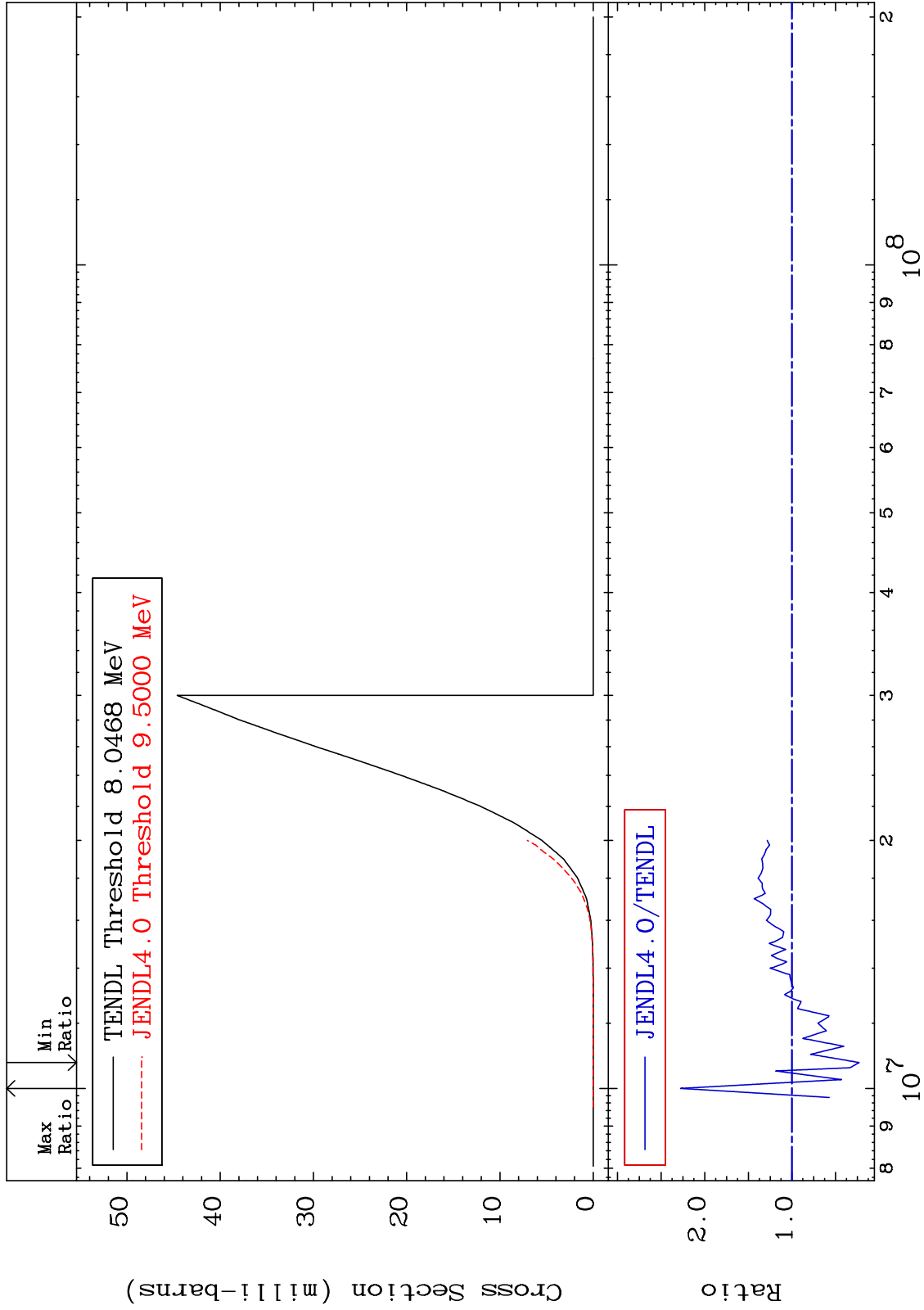
-97.93 To 2226. %



MAT 6843

(n,n') p
Cross Section

68-Er-168
-77.04 To 127.7 %



68-Er-168

7

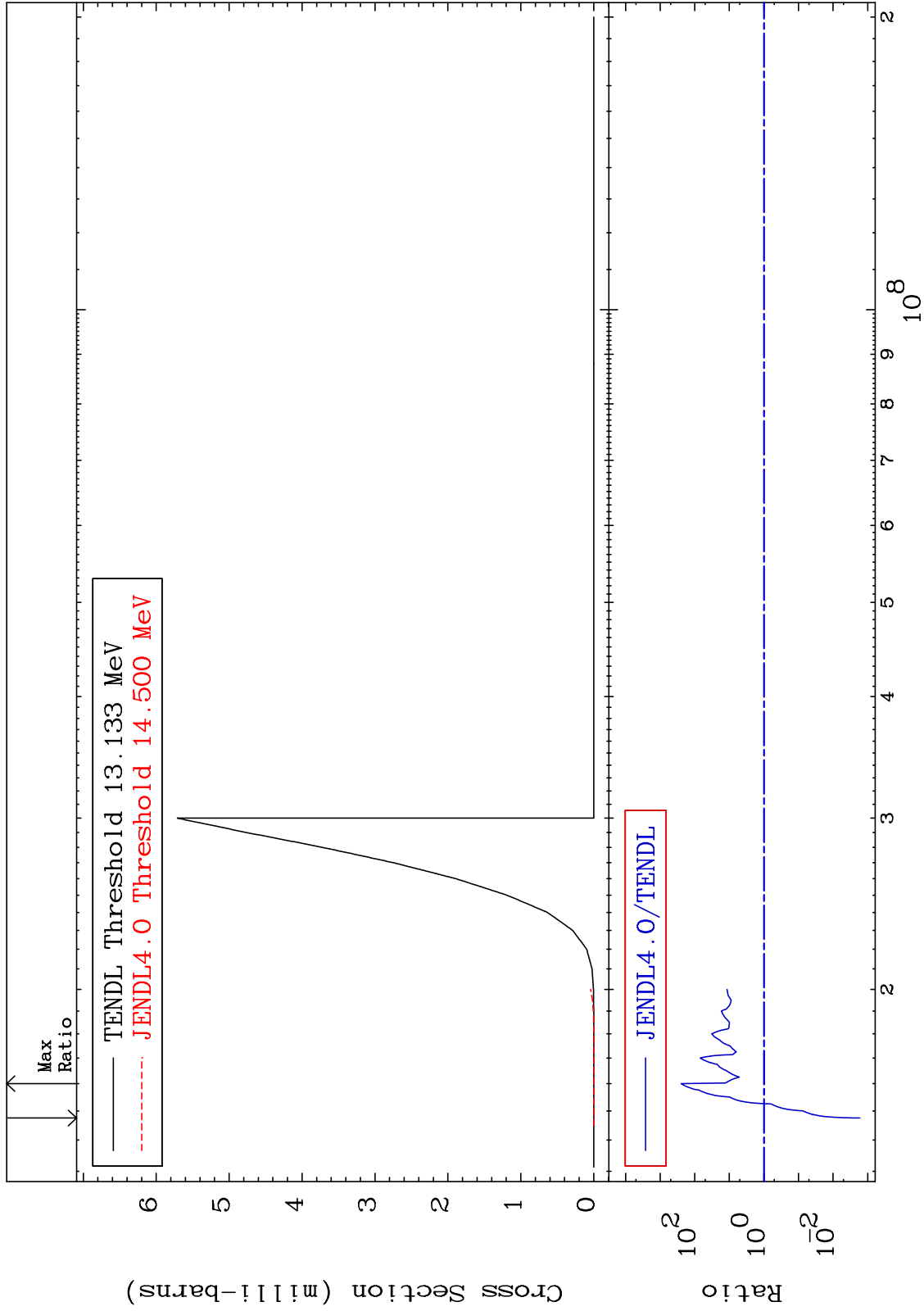
MAT 6843

(n, n') d

68-Er-168

Cross Section

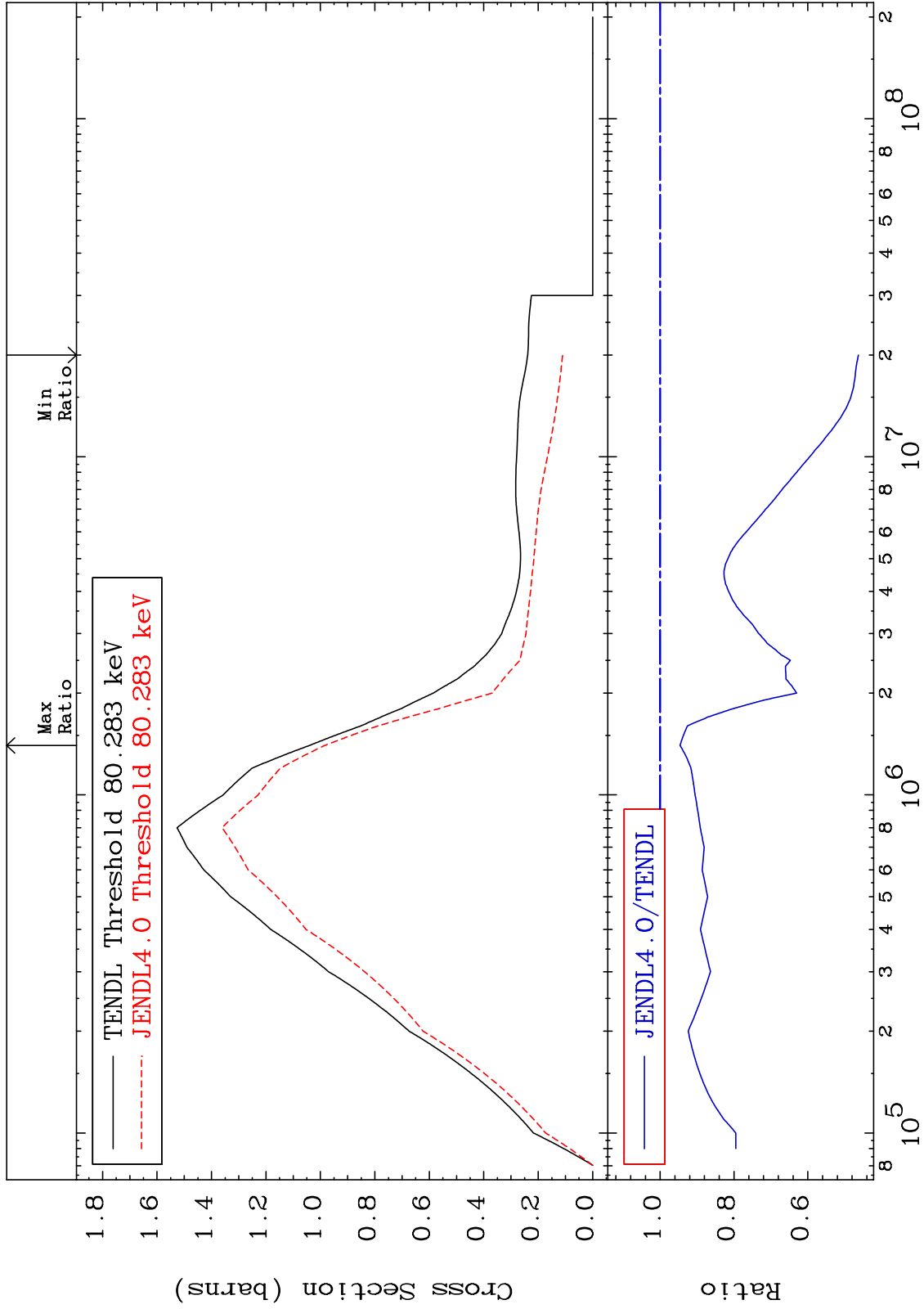
-99.83 To 9999. %



MAT 6843

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

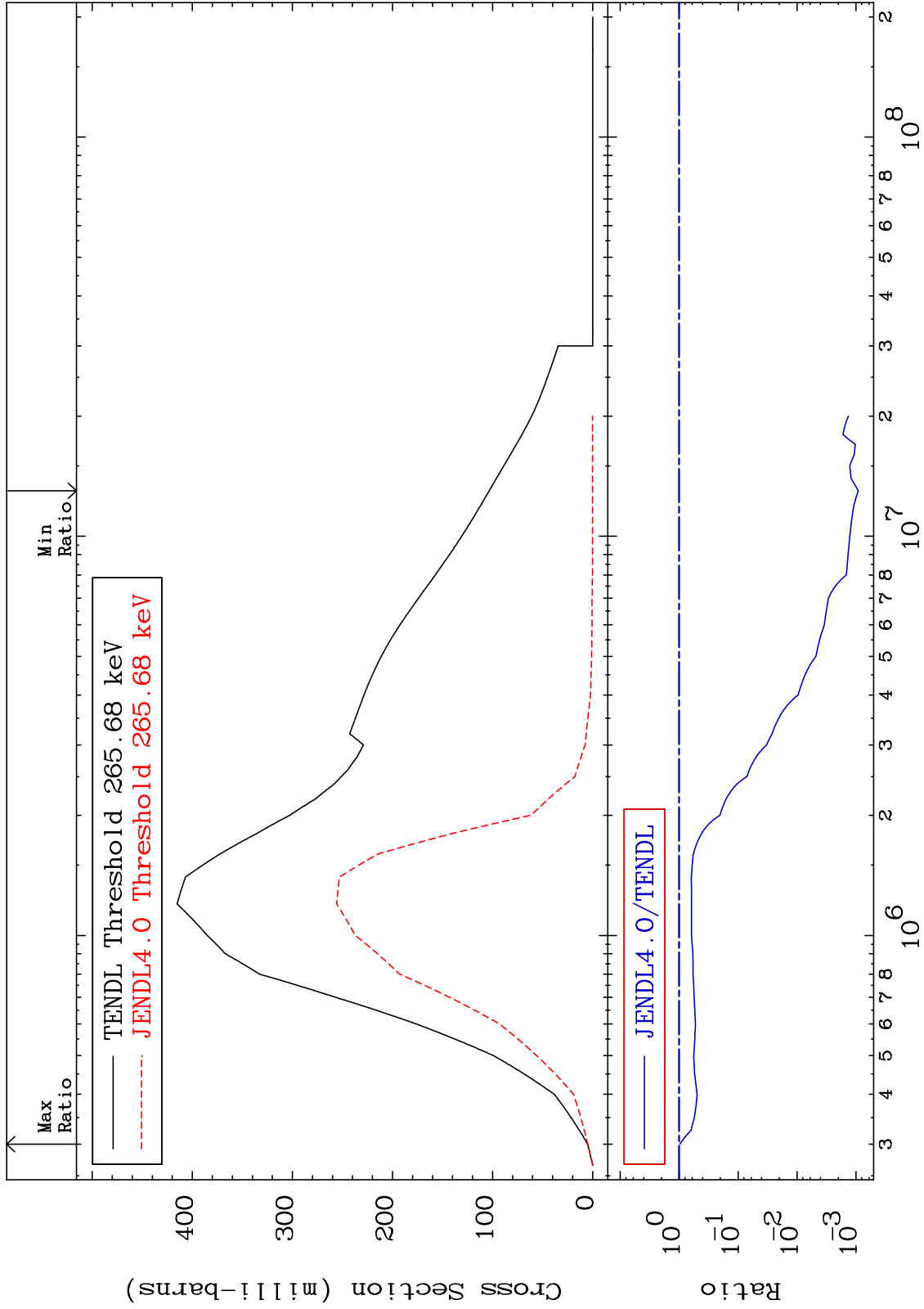
68-Er-168
-53.70 To -5.372%



MAT 6843

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

68-Er-168
-99.91 To -3.223%



10

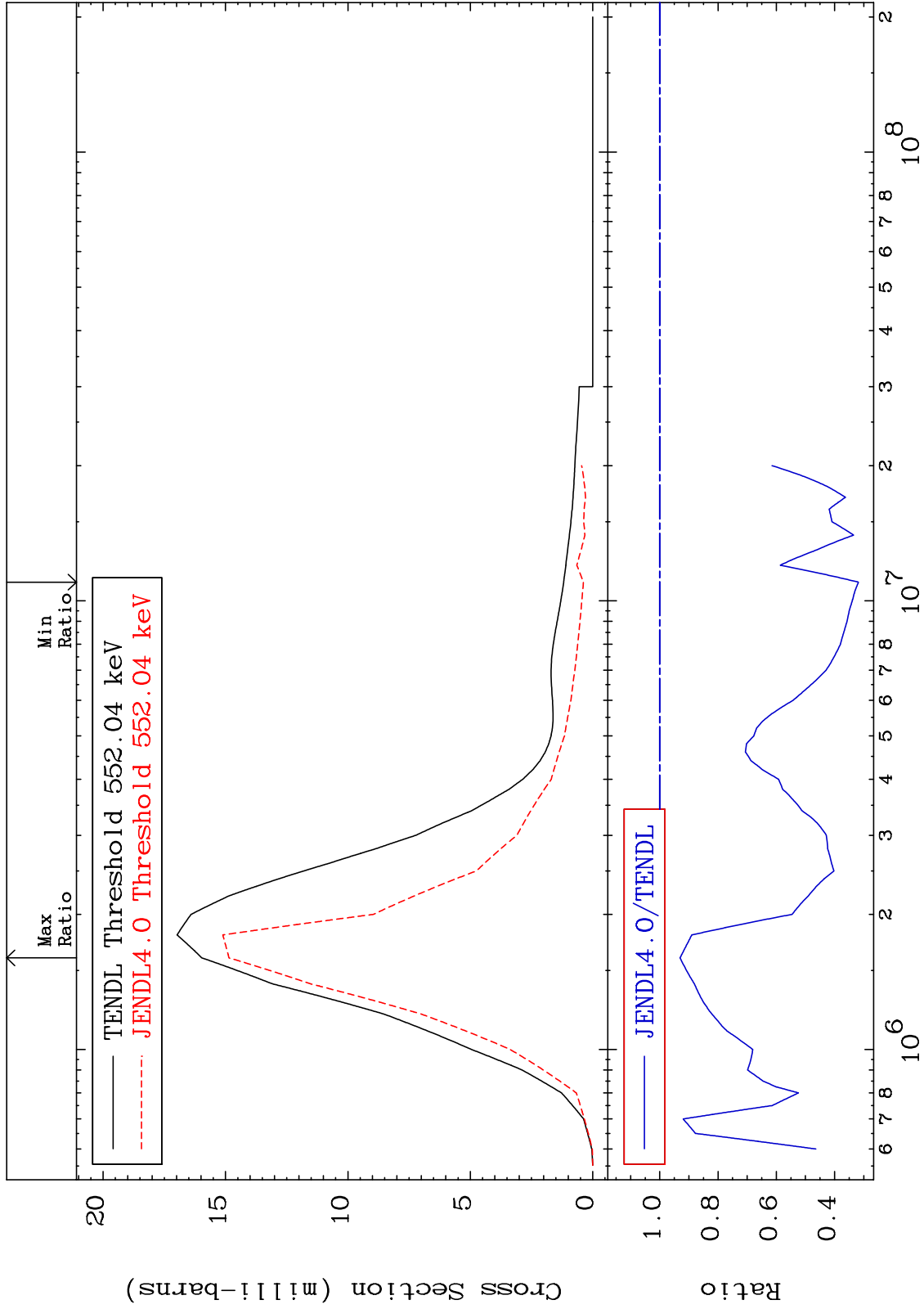
Incident Energy (eV)

68-Er-168

MAT 6843

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

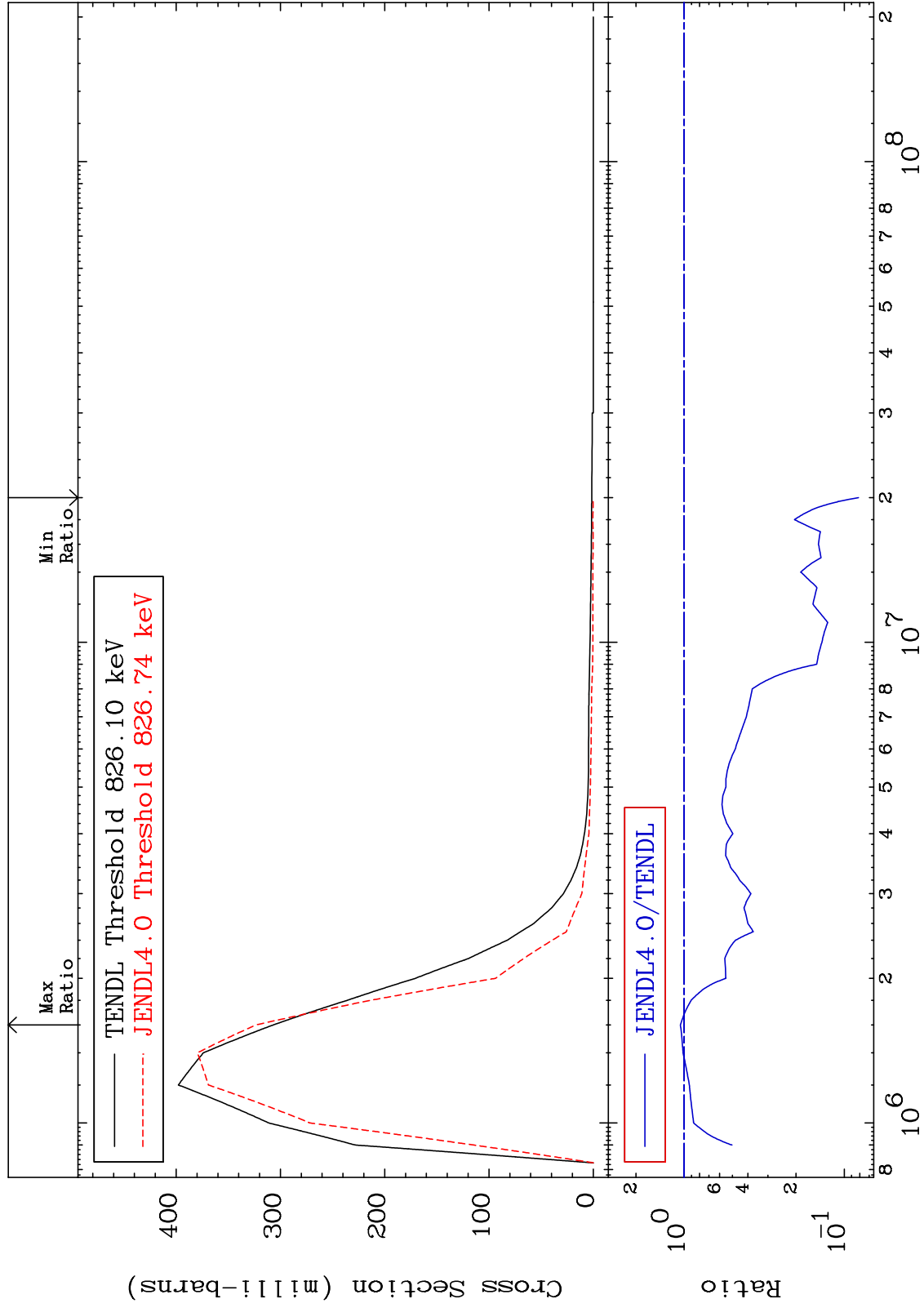
68-Er-168
-68.17 To -6.958%



MAT 6843

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

68-Er-168
-91.86 To 5.418 %



12

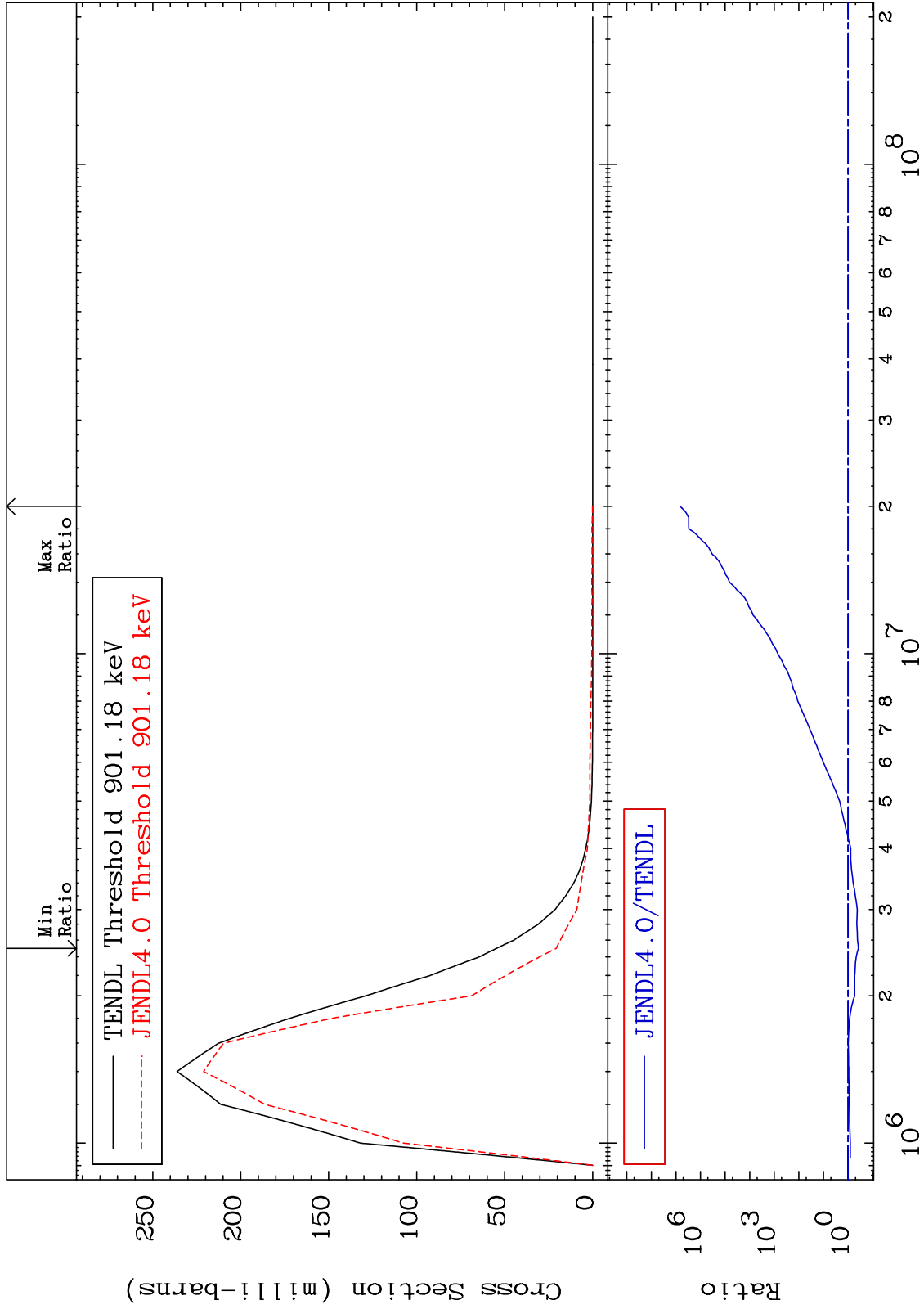
68-Er-168

68-Er-168

MAT 6843

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

68-Er-168
-62.12 To 9999. %



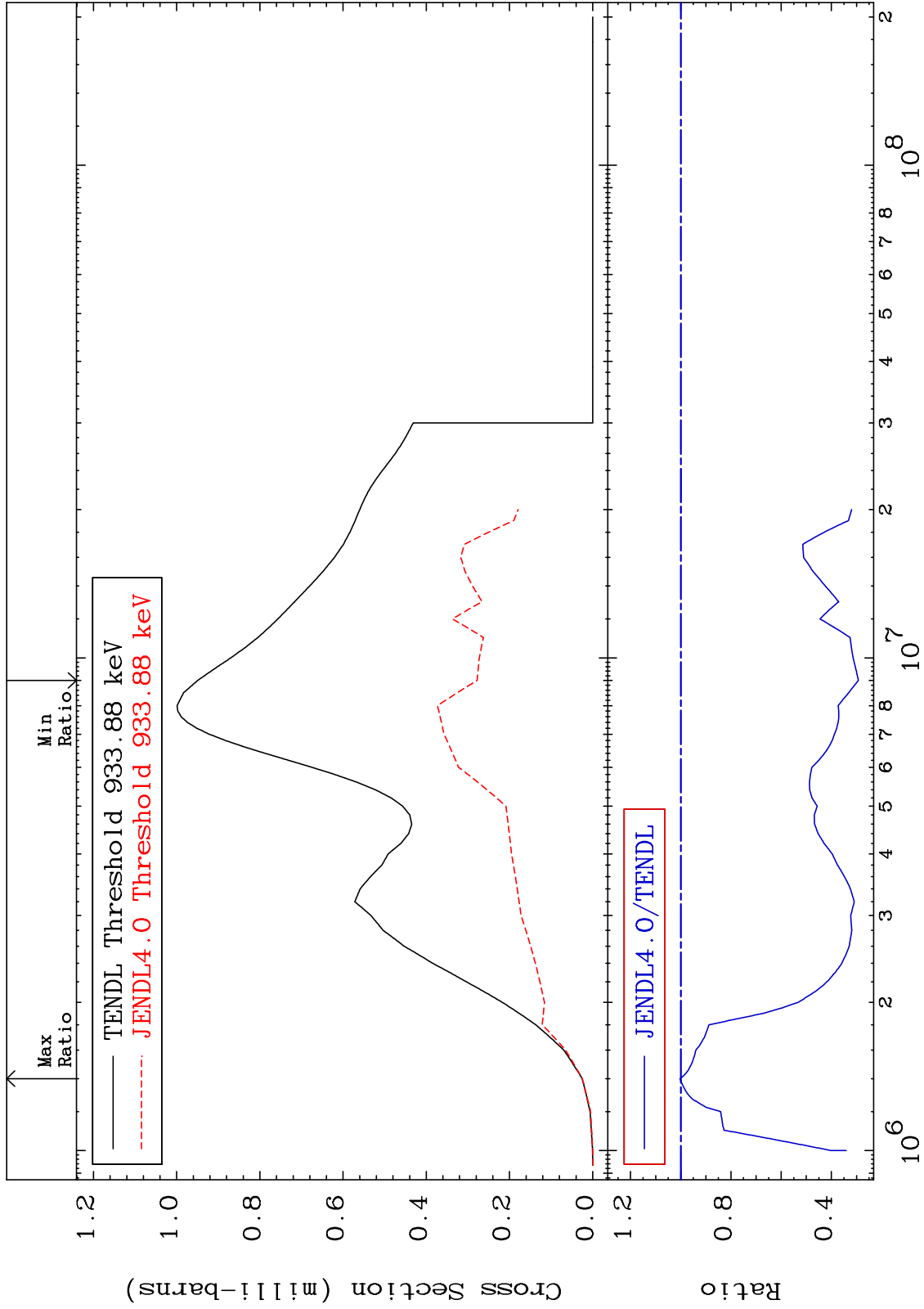
13

68-Er-168

MAT 6843

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

68-Er-168
-70.75 To 0.291 %

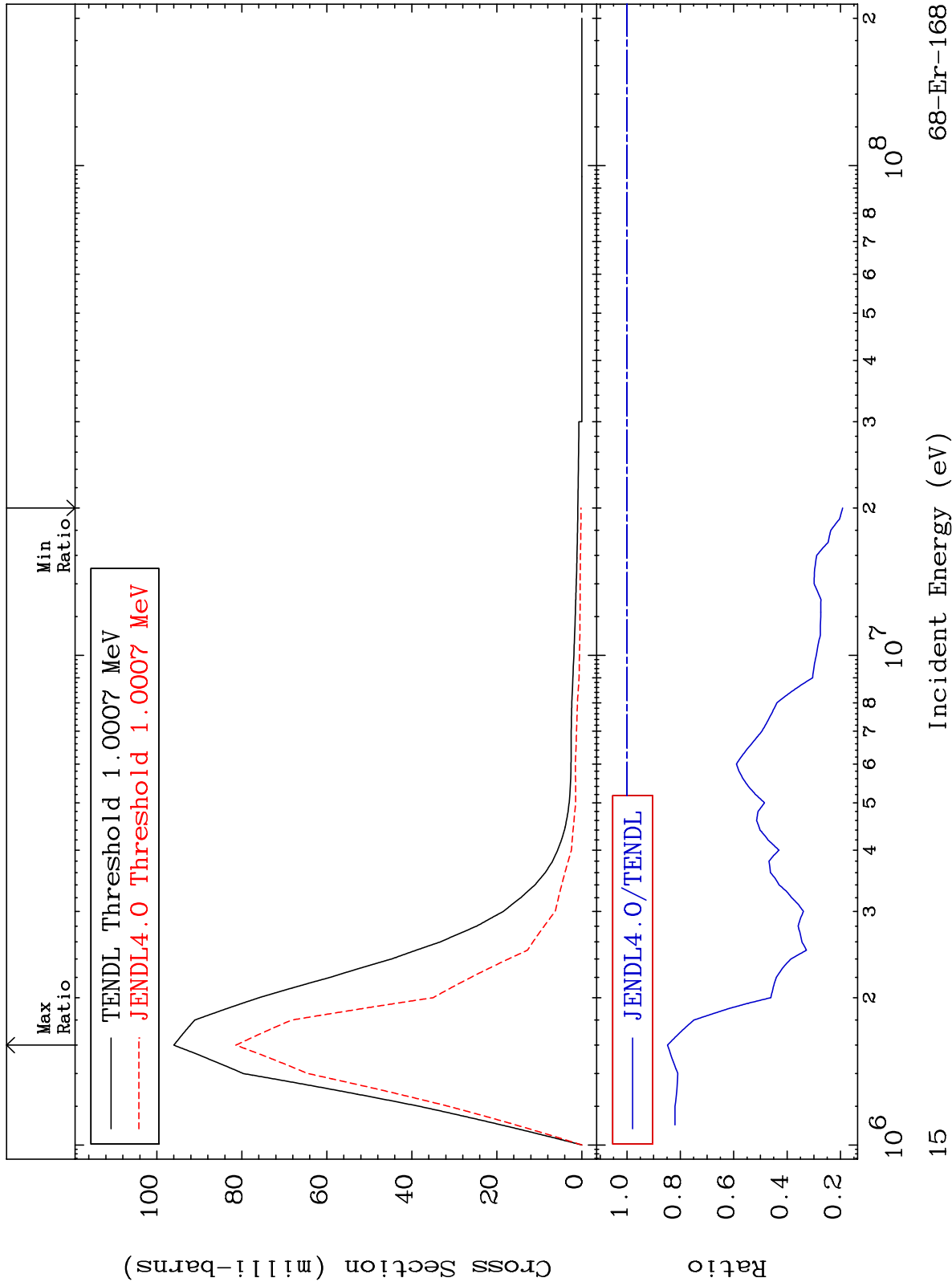


14

68-Er-168

68-Er-168

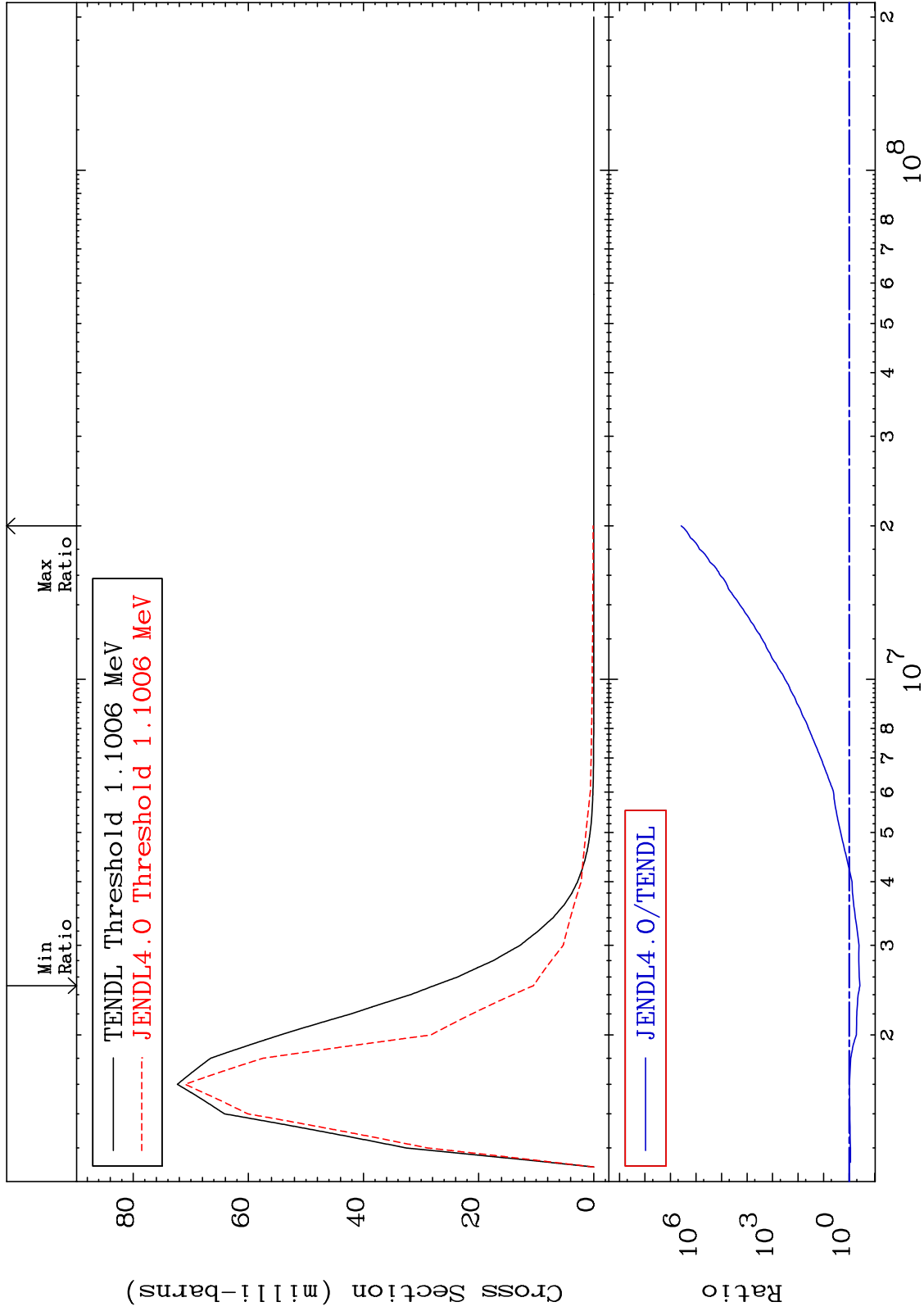
MAT 6843 MT= 57 (n, n') Level
Cross Section 68-Er-168
-80.80 To -15.21%



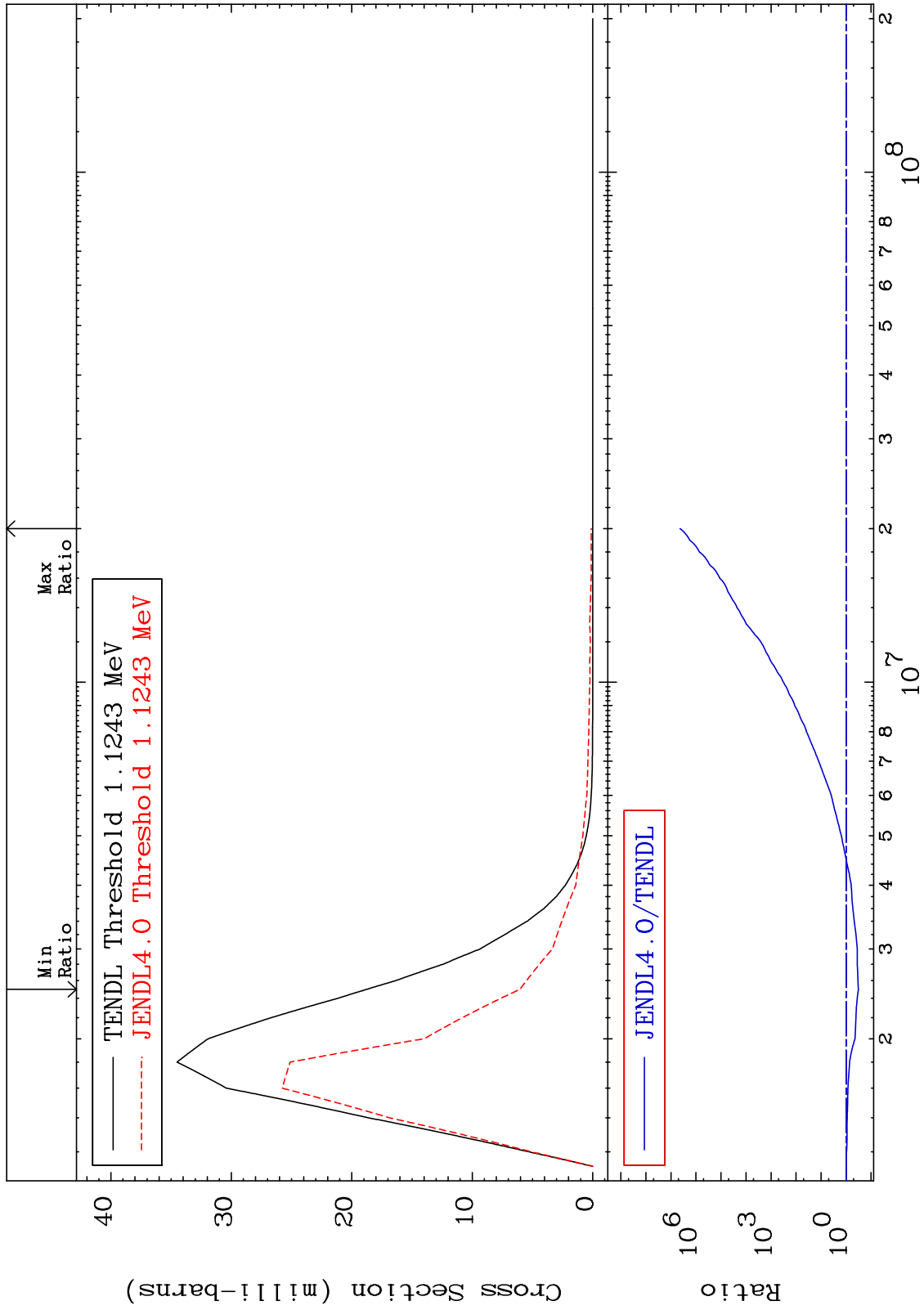
MAT 6843

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

68-Er-168
-62.21 To 9999. %



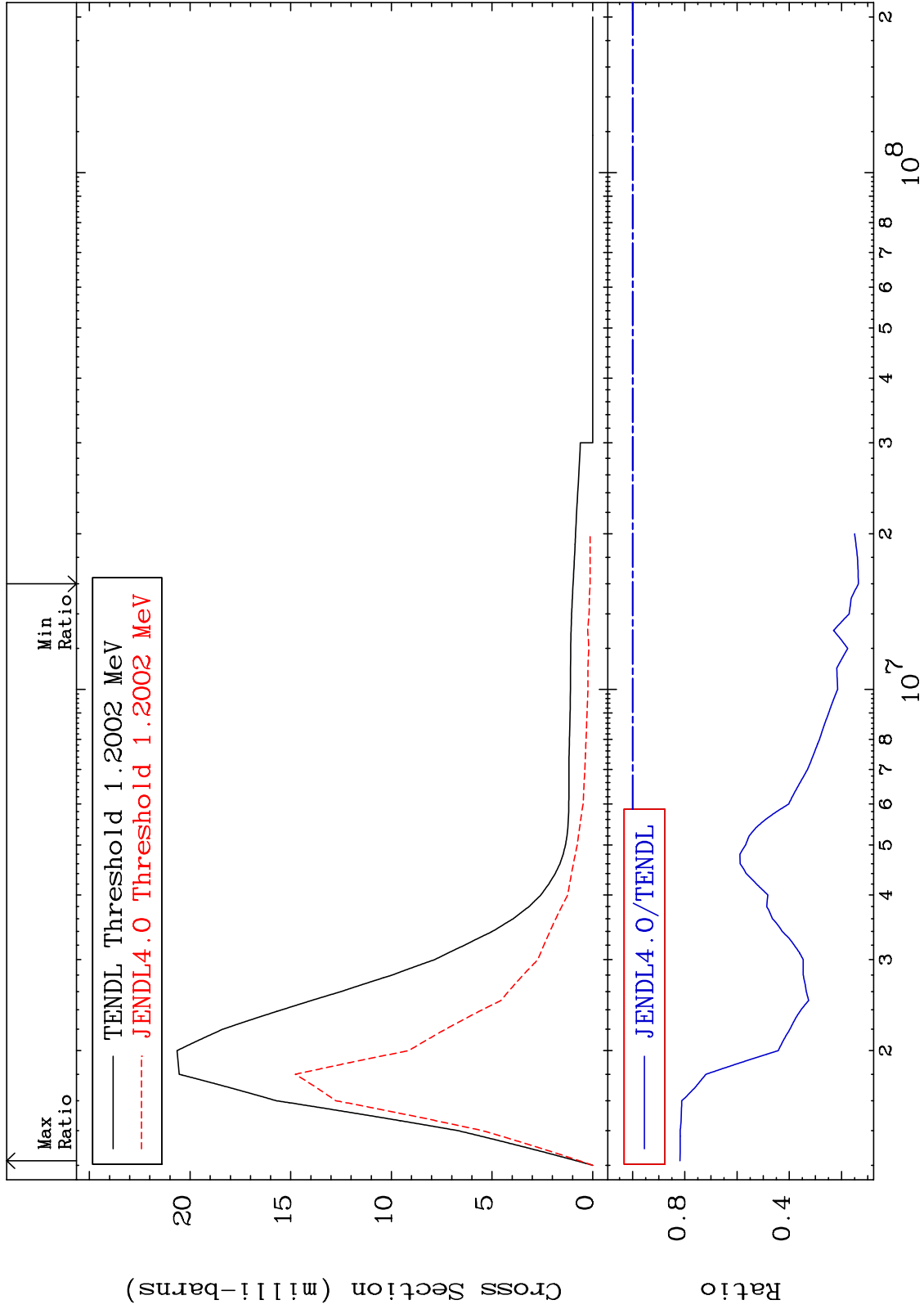
MAT 6843 MT= 59 (n, n') Level
 Cross Section 68-Er-168
 -67.82 To 9999. %



MAT 6843

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

68-Er-168
-86.46 To -18.15%



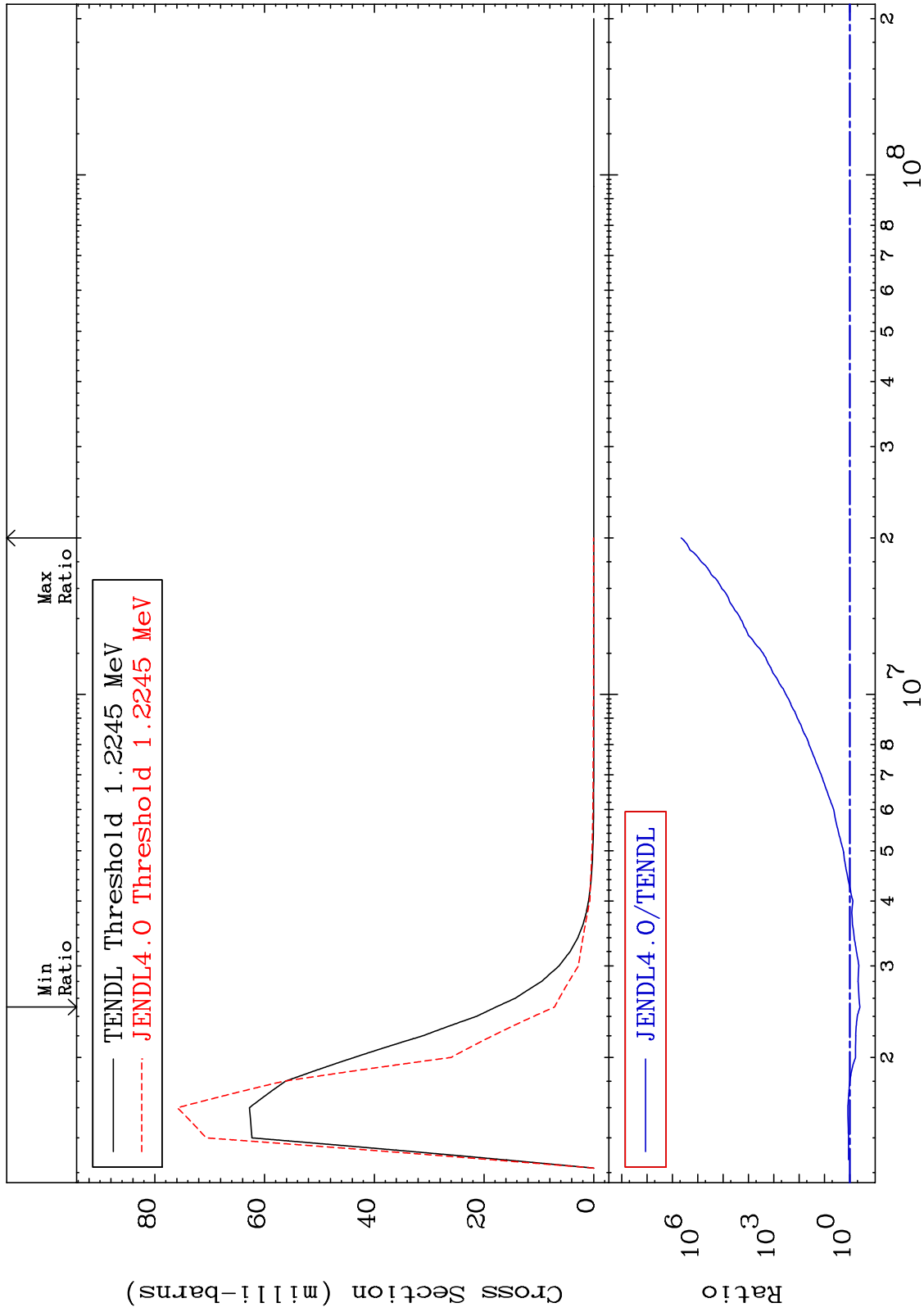
18

68-Er-168

MAT 6843

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

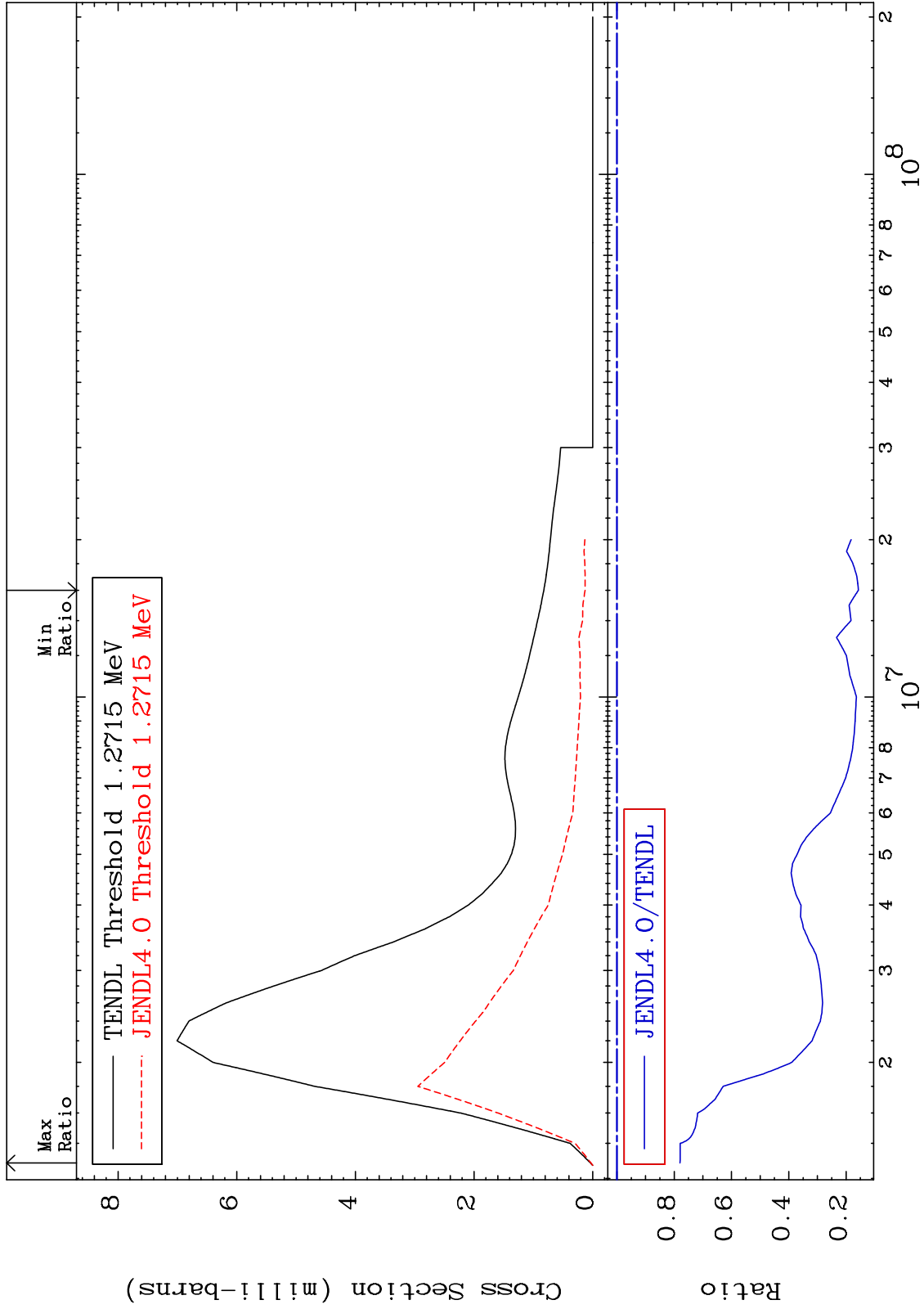
68-Er-168
-59.87 To 9999. %



MAT 6843

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

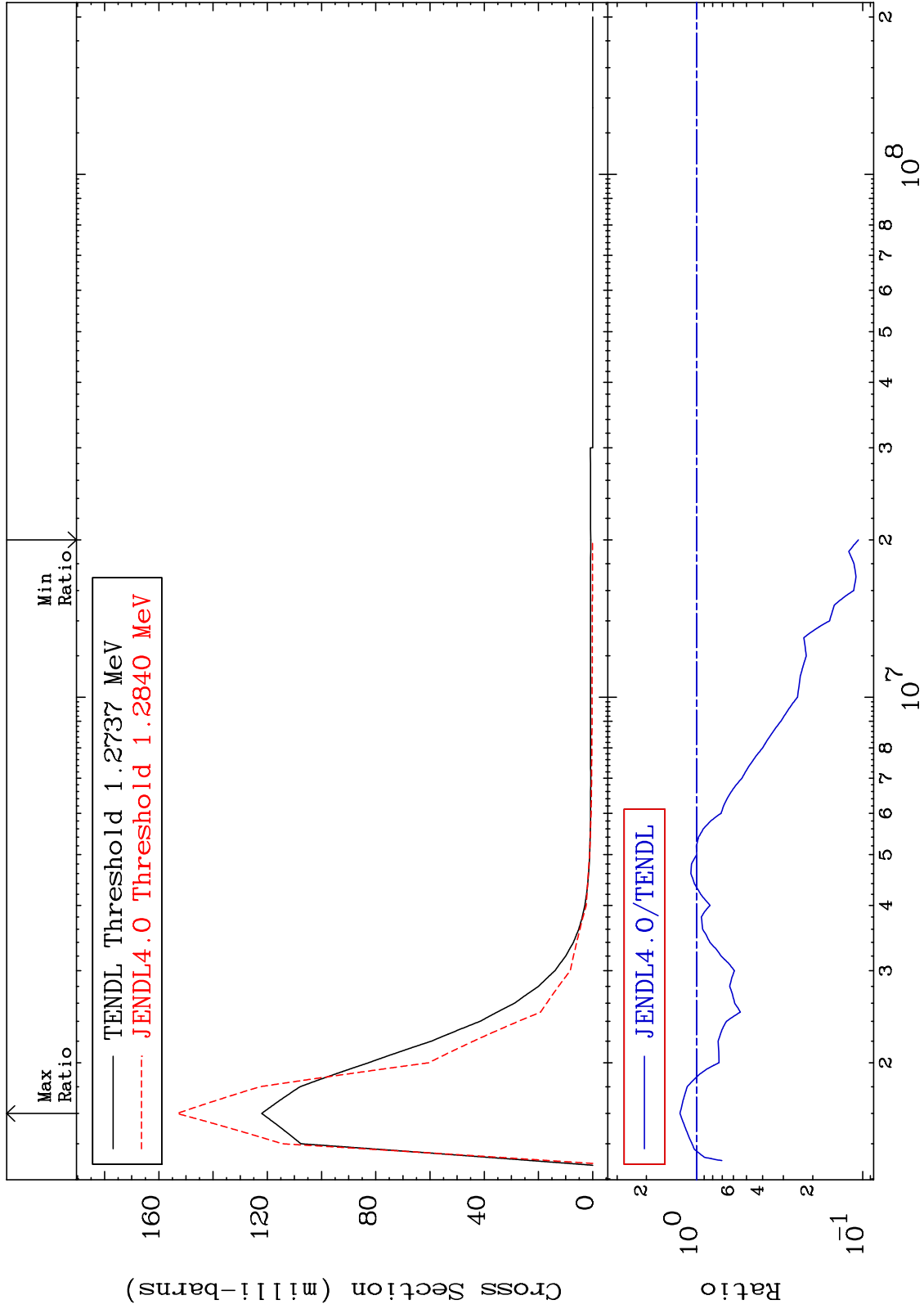
68-Er-168
-84.30 To -22.03%



MAT 6843

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

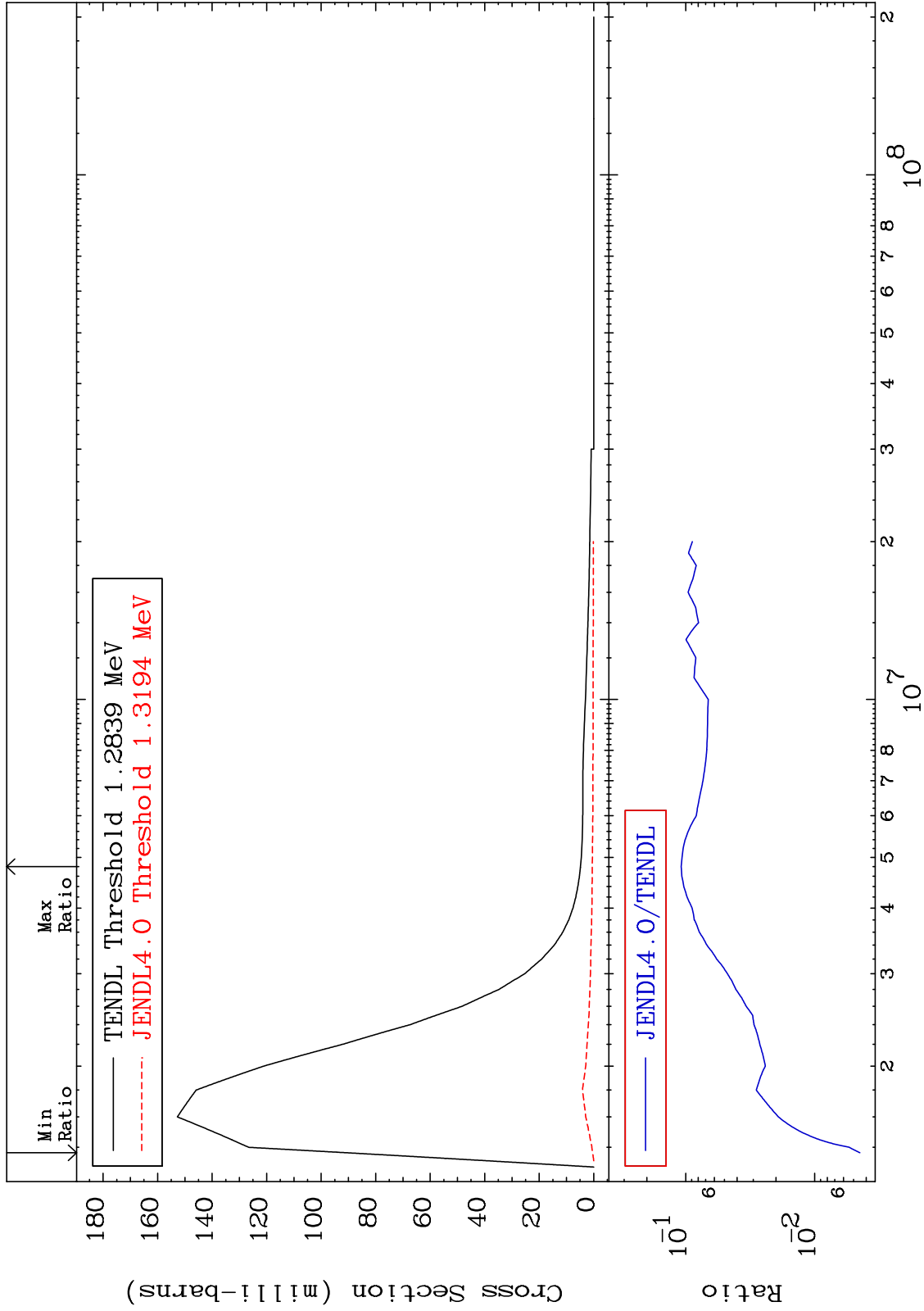
68-Er-168
-89.37 To 25.55 %



MAT 6843

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

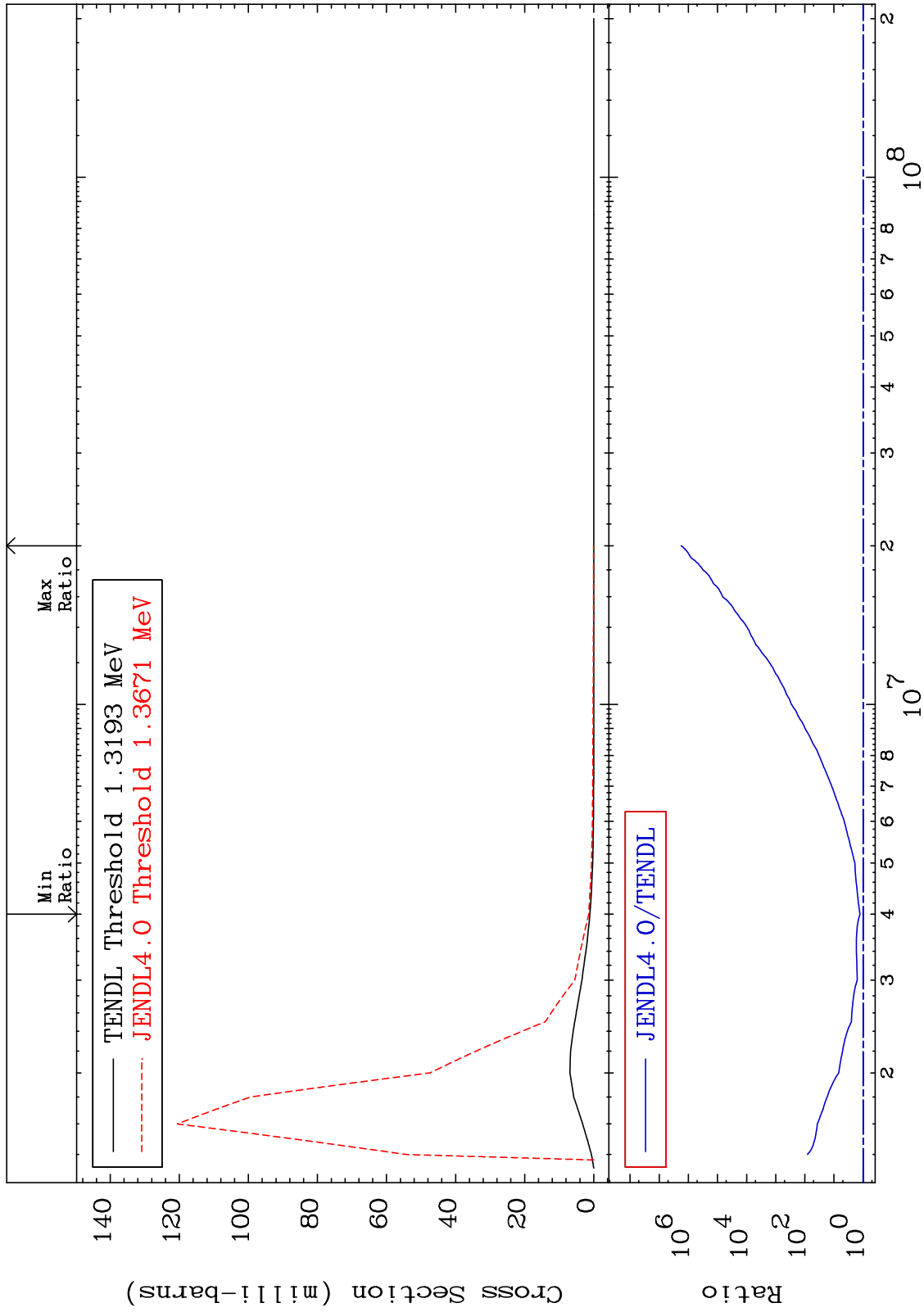
68-Er-168
-99.55 To -89.18%



MAT 6843

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

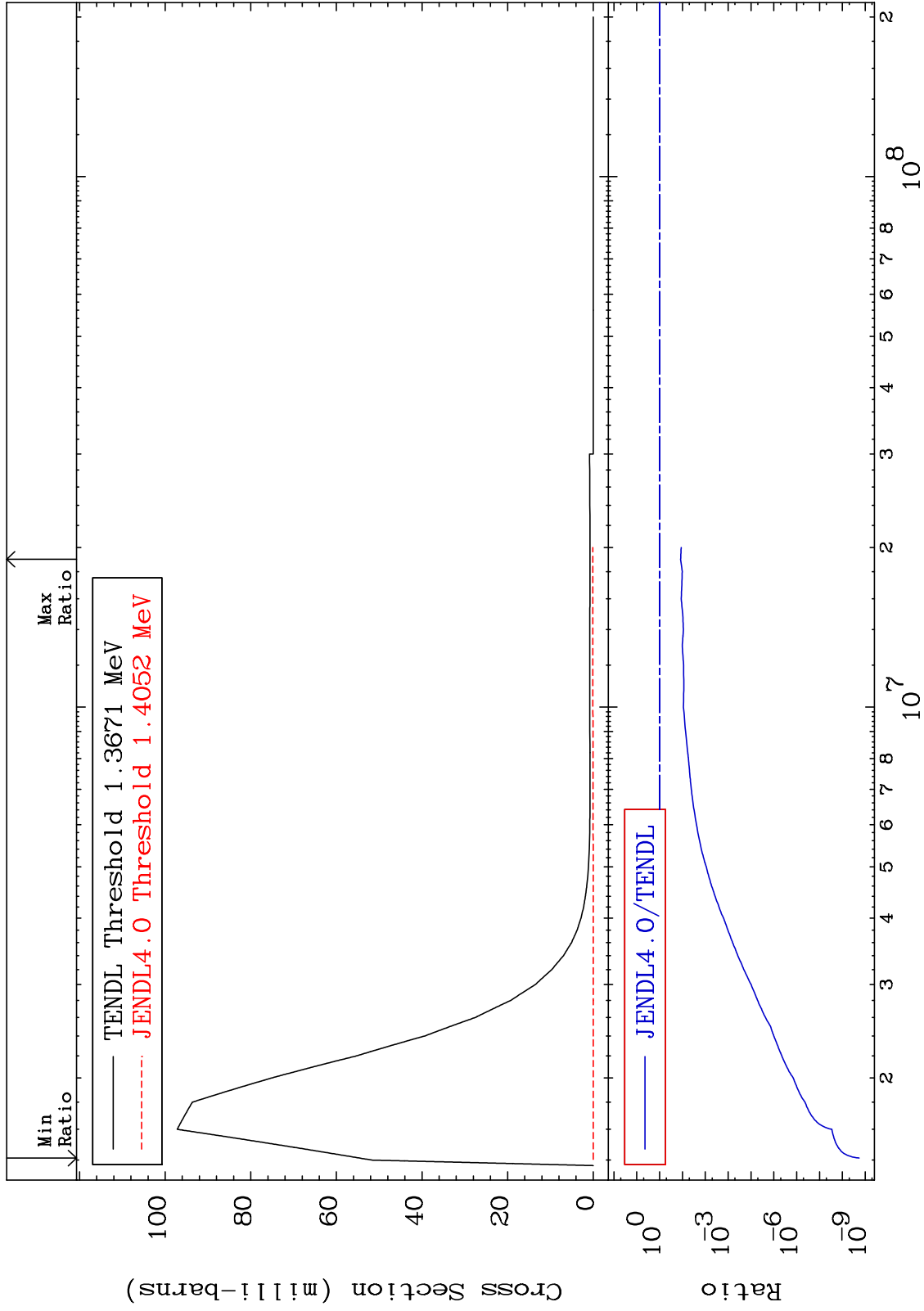
68-Er-168
28.56 To 9999. %



MAT 6843

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

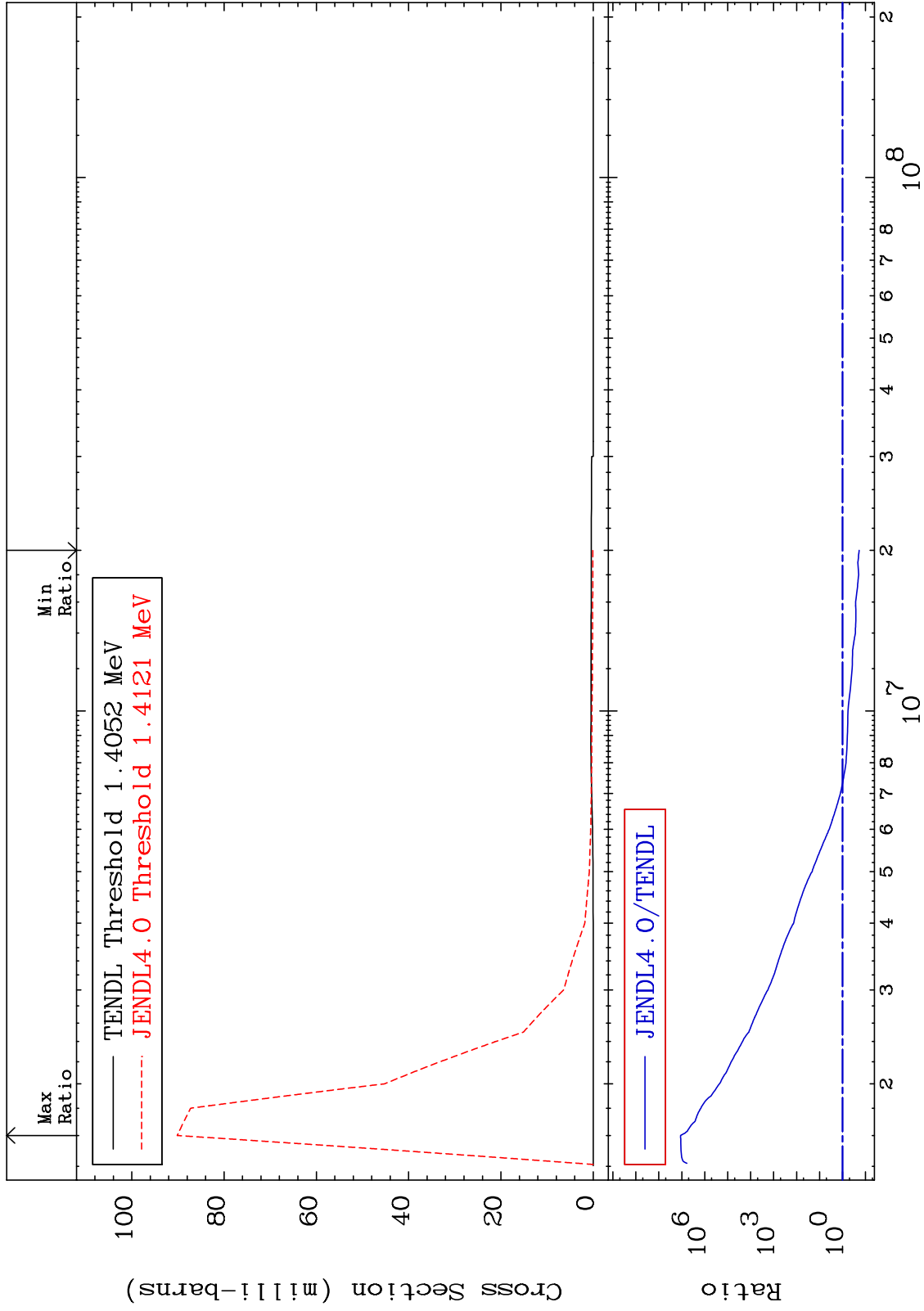
68-Er-168
-100.0 To -88.02%



MAT 6843

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

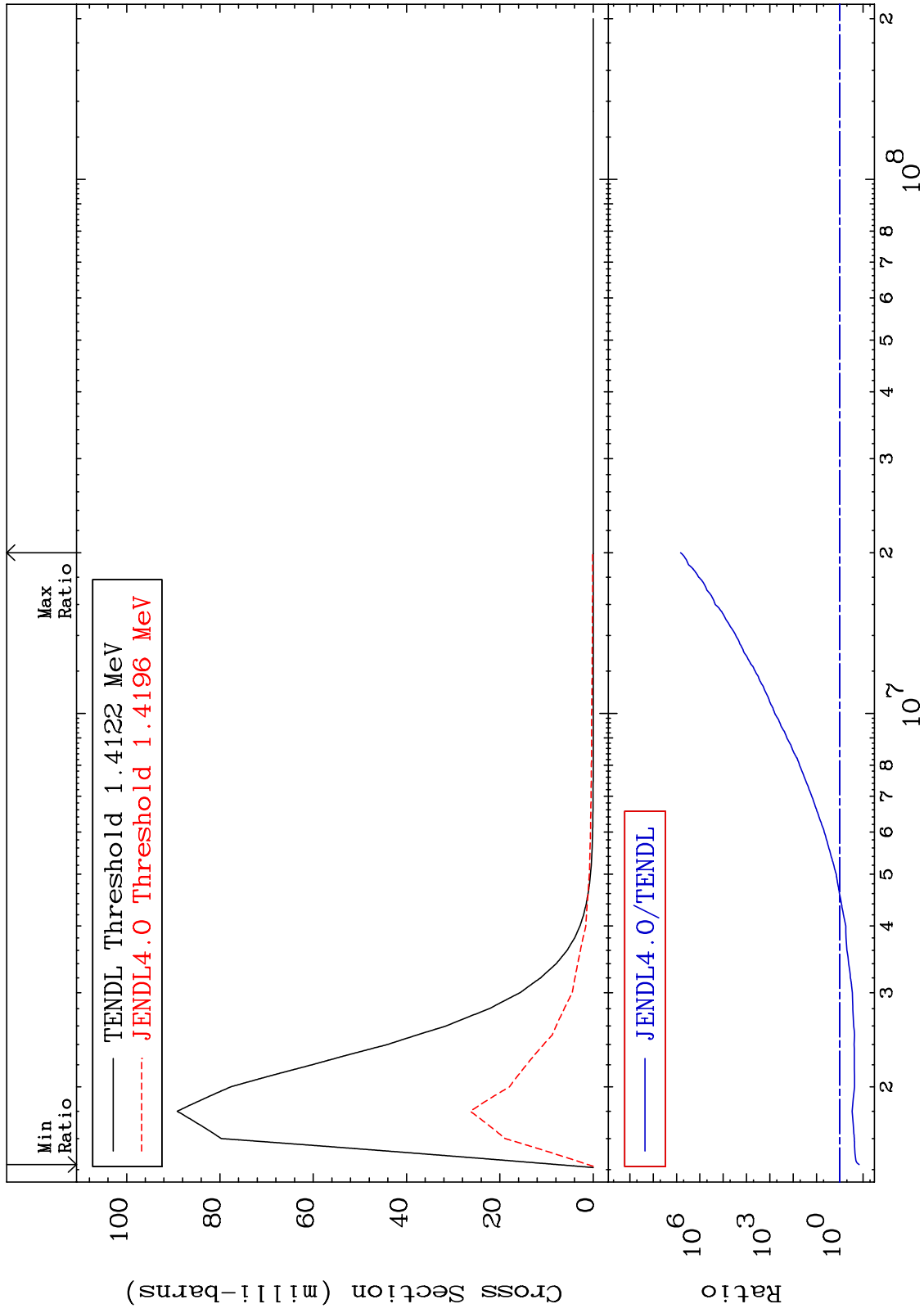
68-Er-168
-81.20 To 9999. %



MAT 6843

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

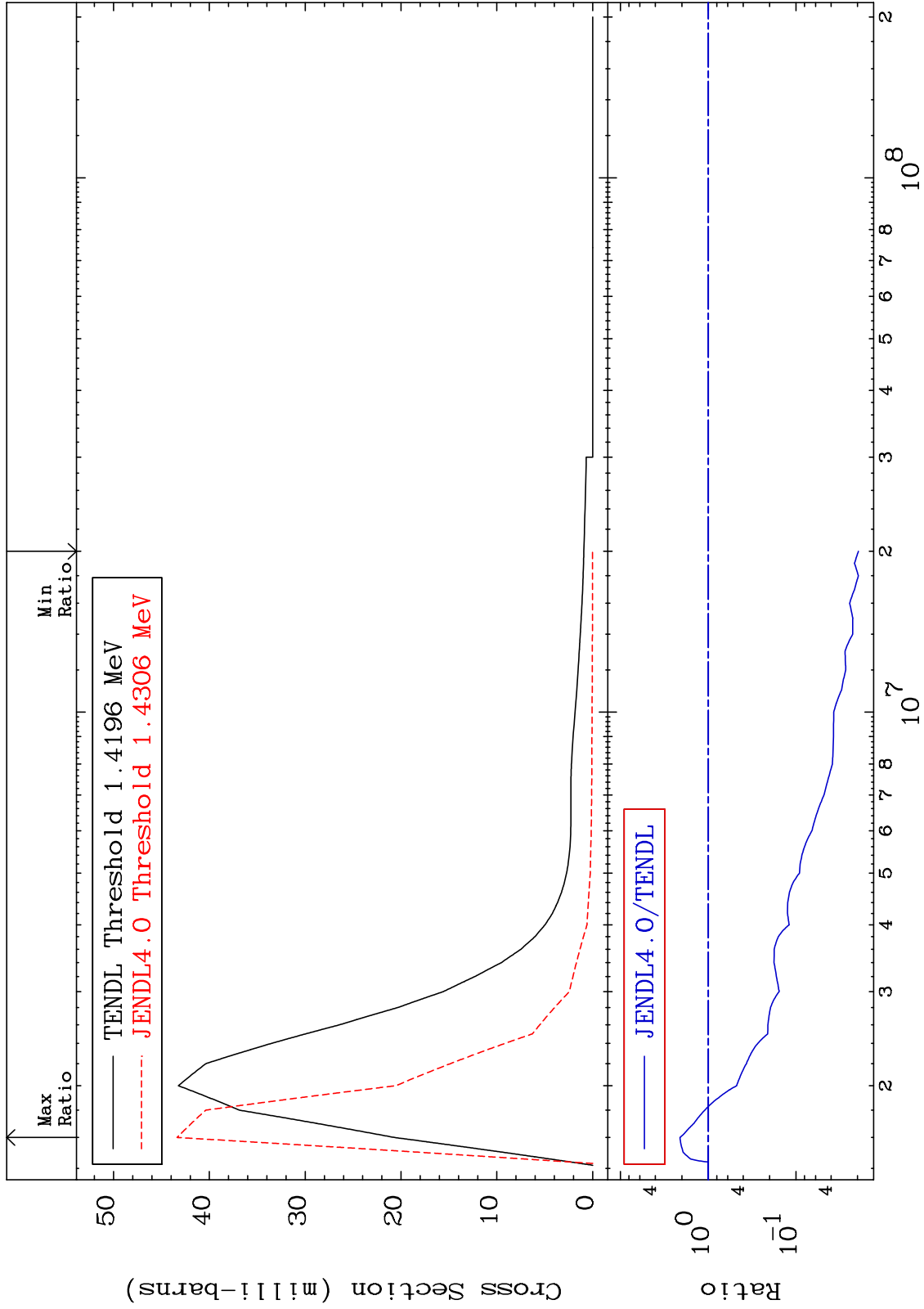
68-Er-168
-85.23 To 9999. %



MAT 6843

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

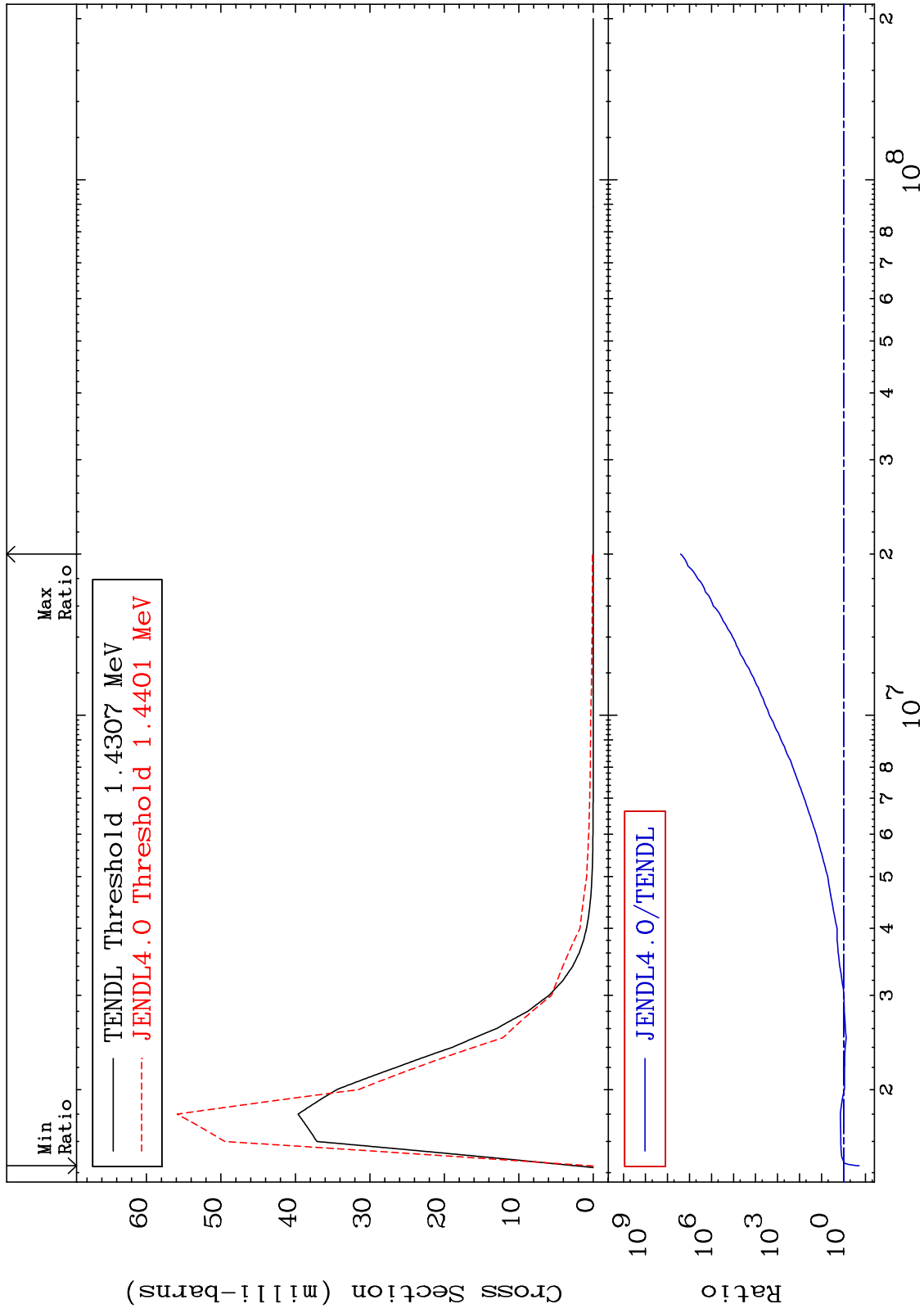
68-Er-168
-98.05 To 109.6 %



MAT 6843

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

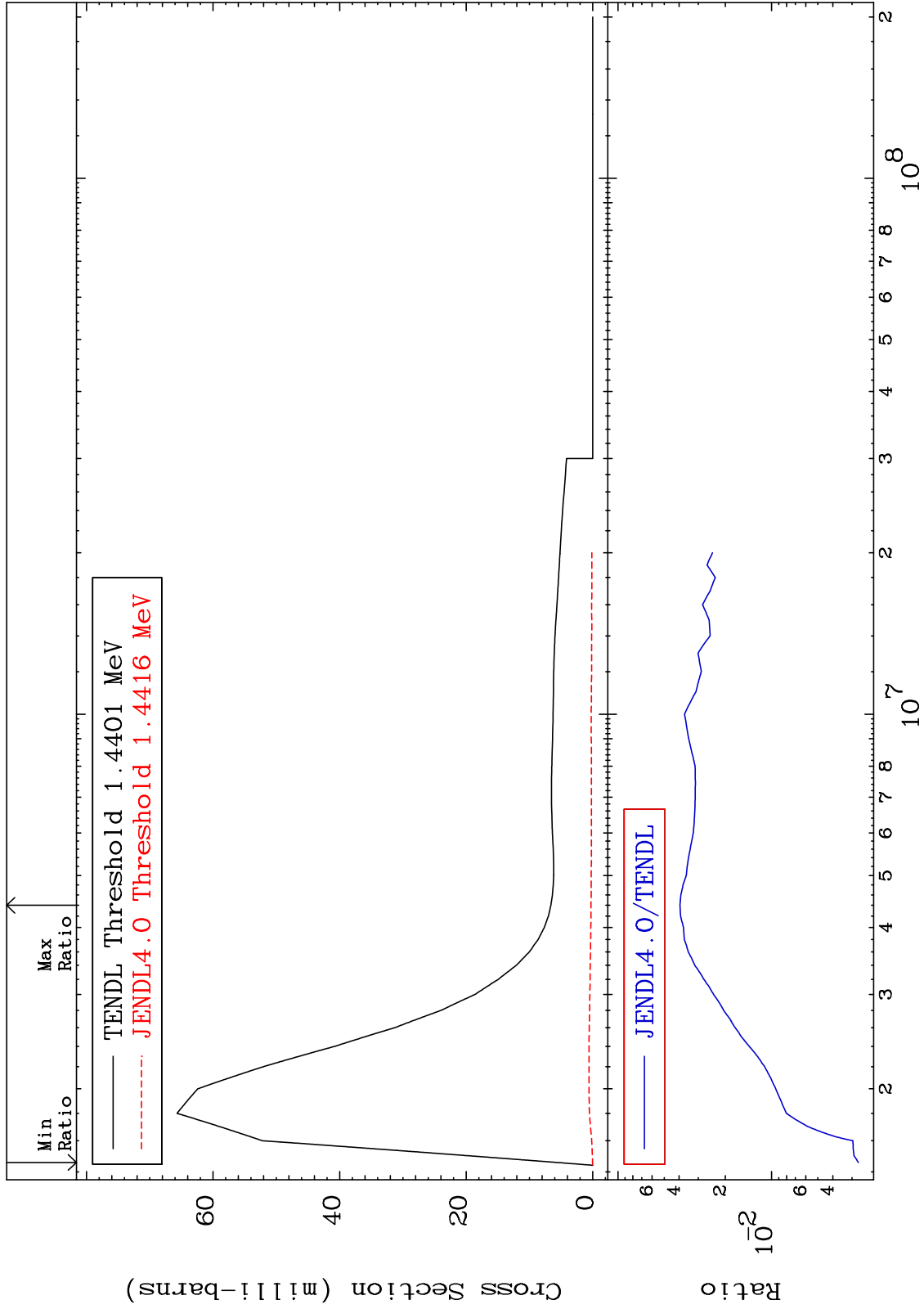
68-Er-168
-80.53 To 9999. %



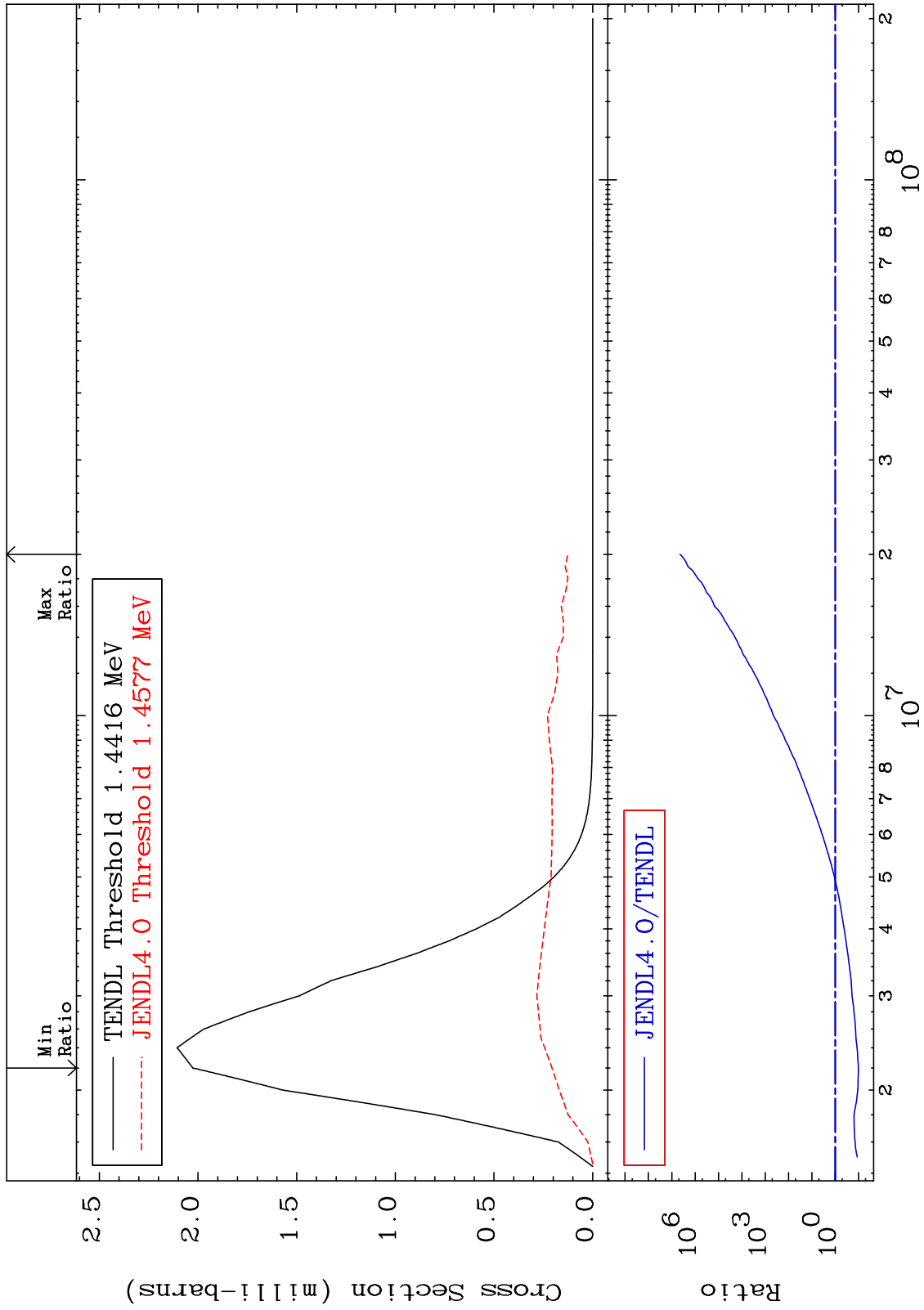
MAT 6843

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

68-Er-168
-99.73 To -96.05%



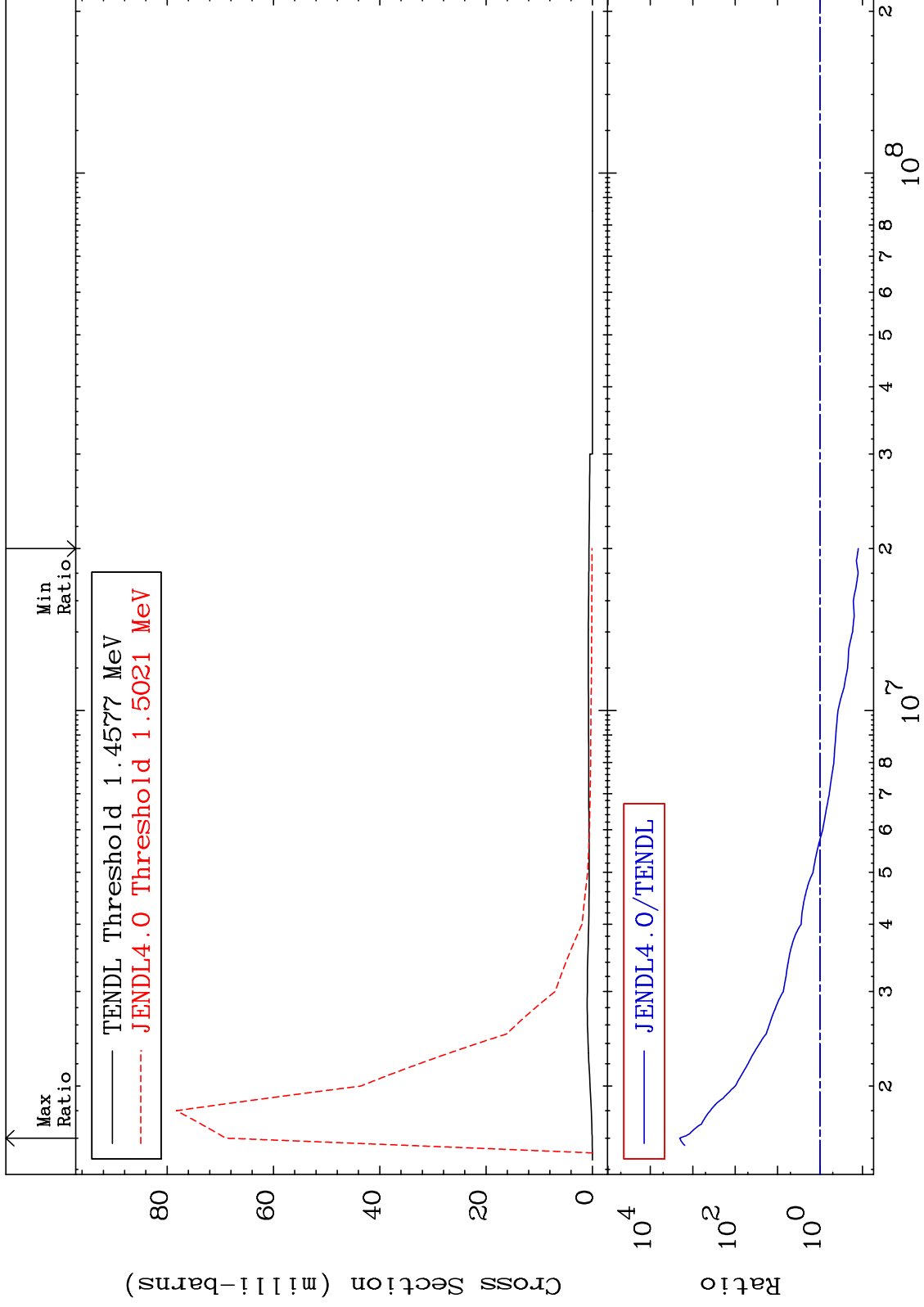
MAT 6843 MT= 72 (n, n') Level 68-Er-168
 Cross Section -89.82 To 9999. %



MAT 6843

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

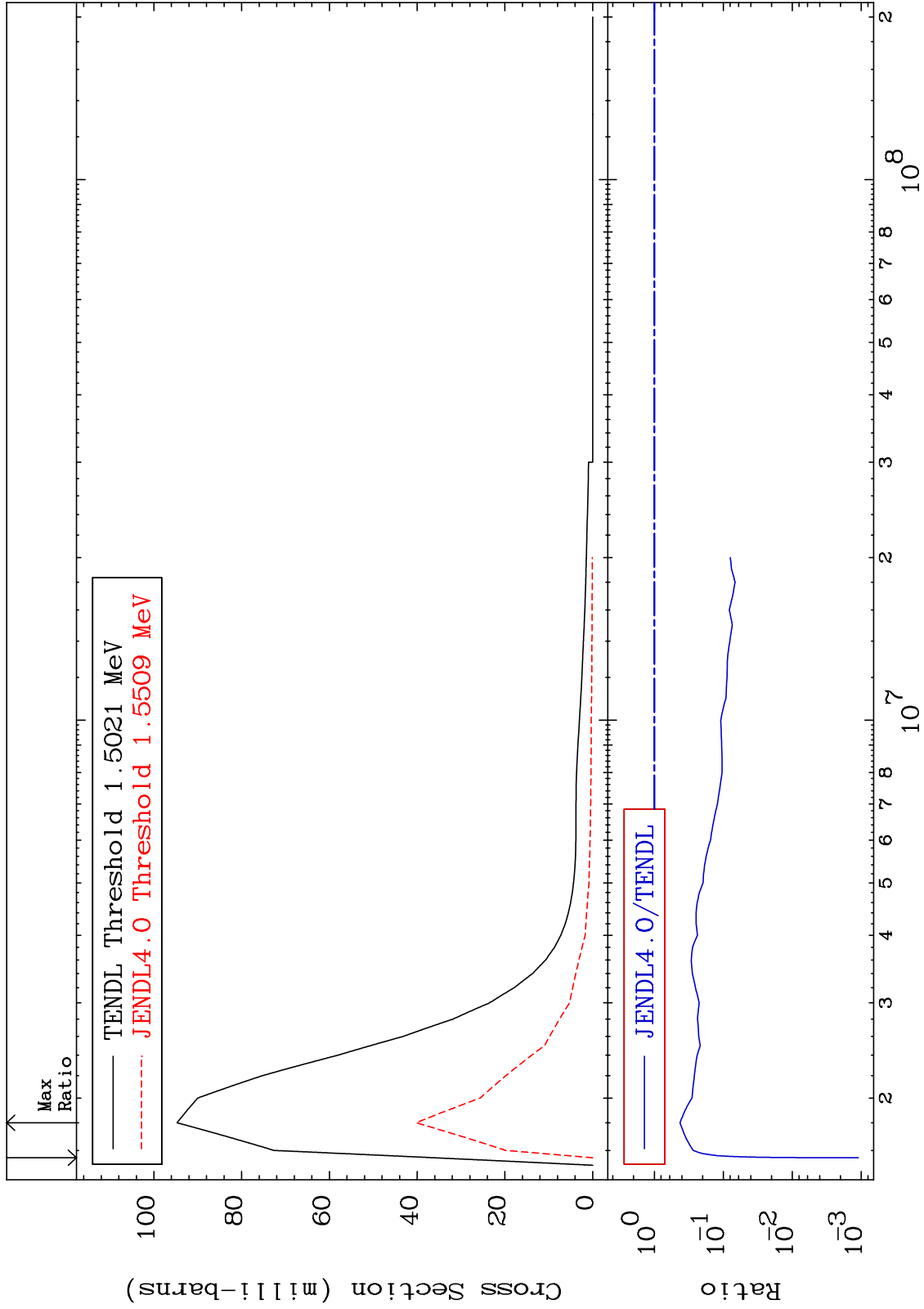
68-Er-168
-87.57 To 9999. %



MAT 6843

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

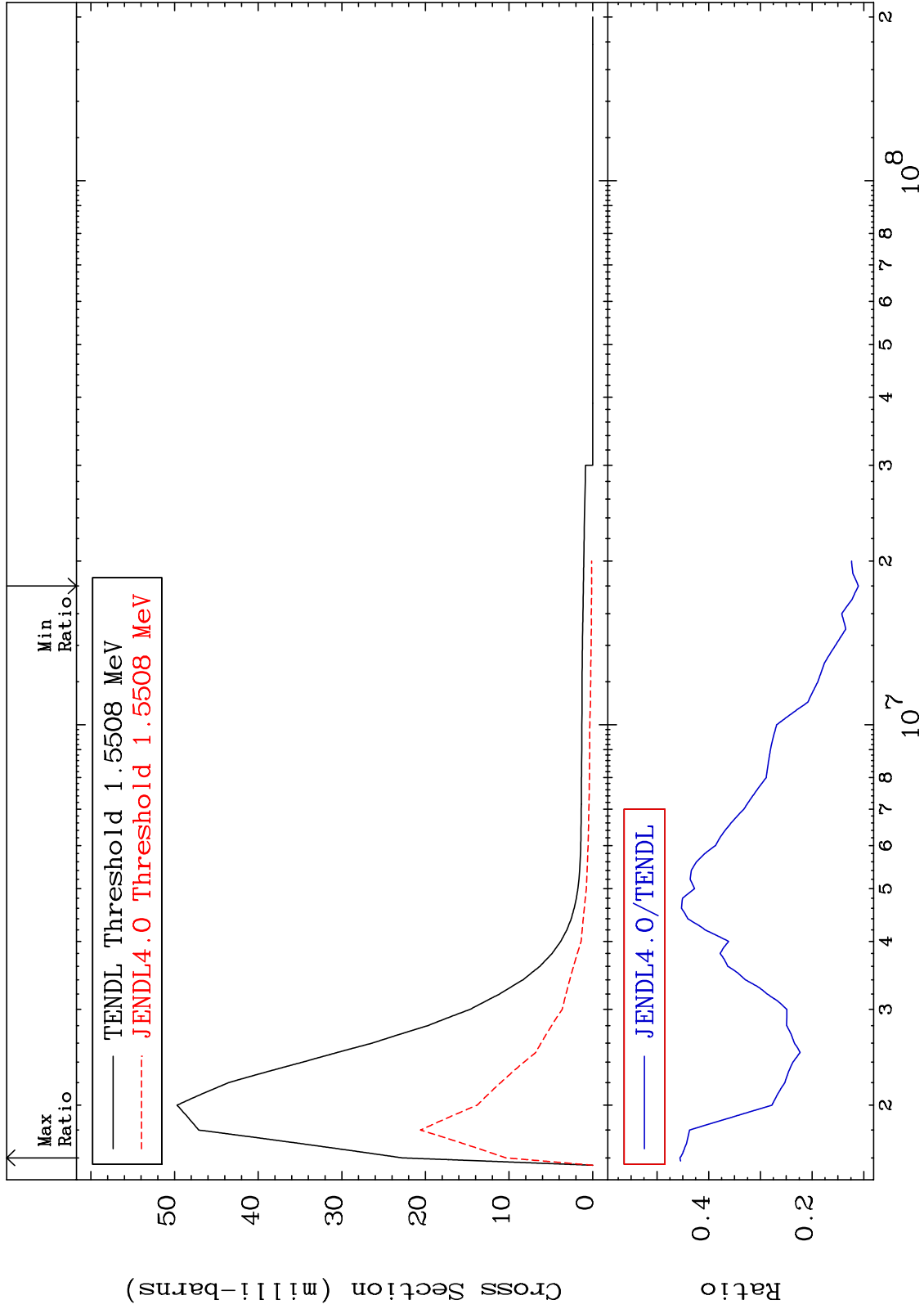
68-Er-168
-99.89 To -57.54%



MAT 6843

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

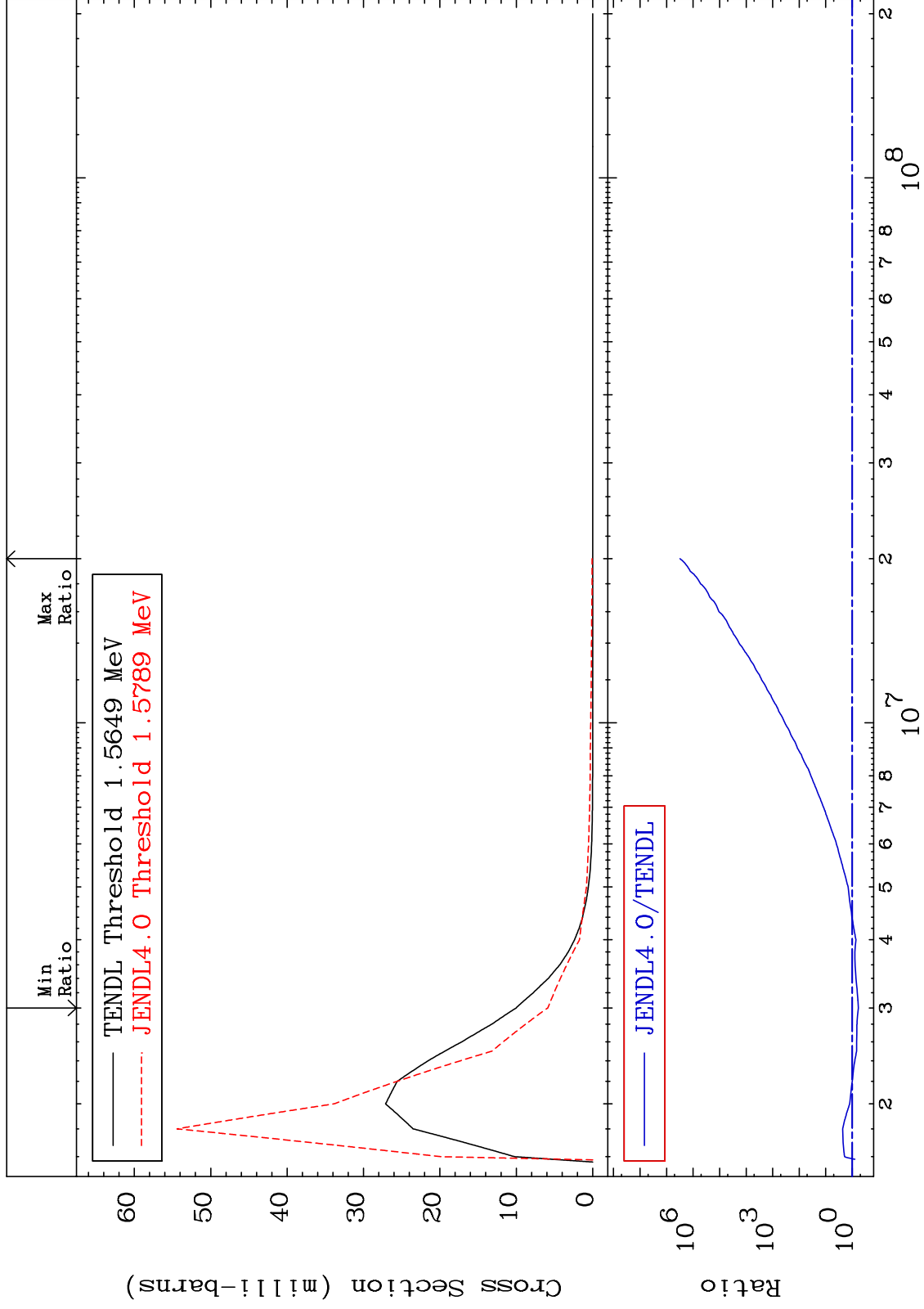
68-Er-168
-88.95 To -54.46%



MAT 6843

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

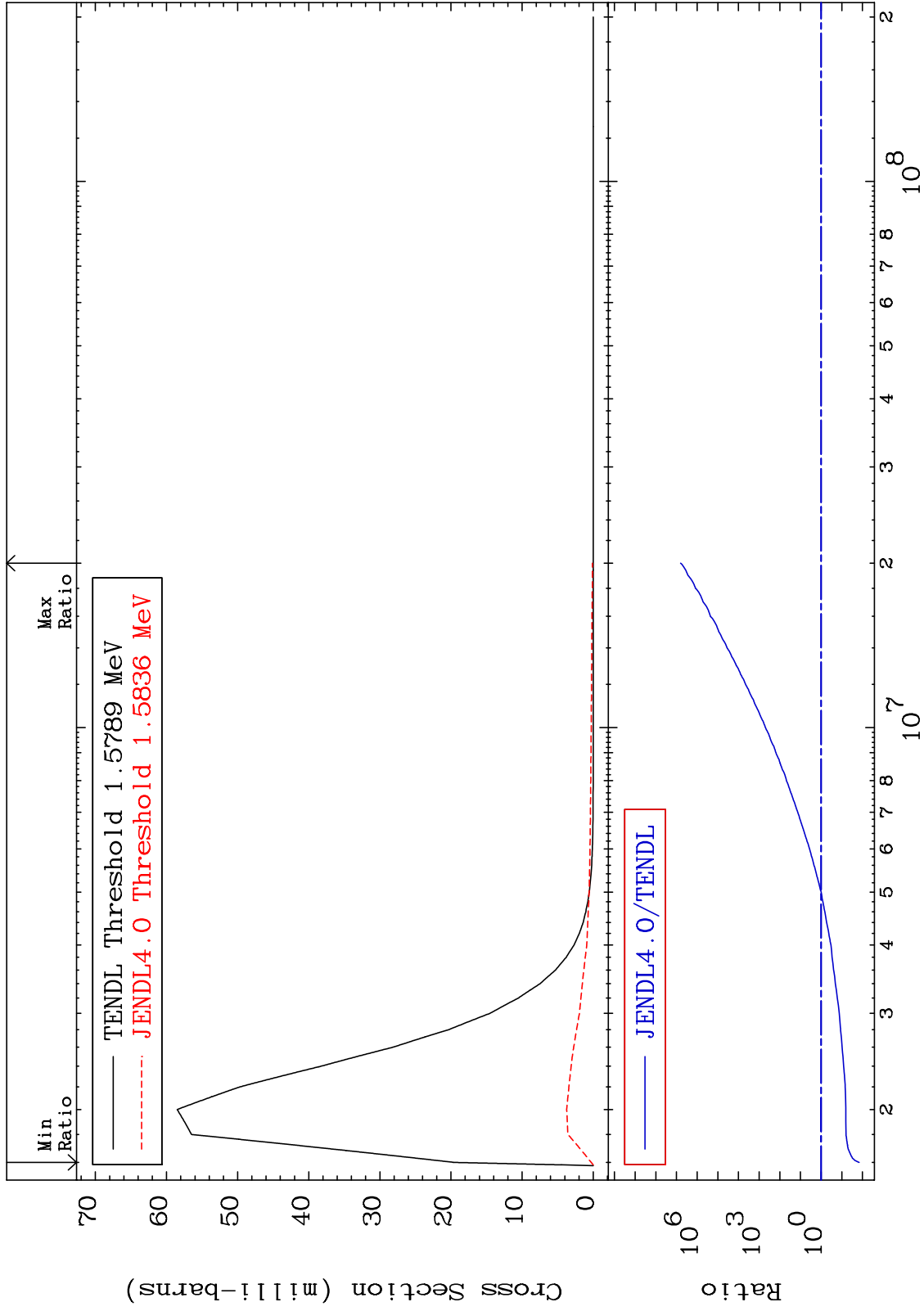
68-Er-168
-41.41 To 9999. %



MAT 6843

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

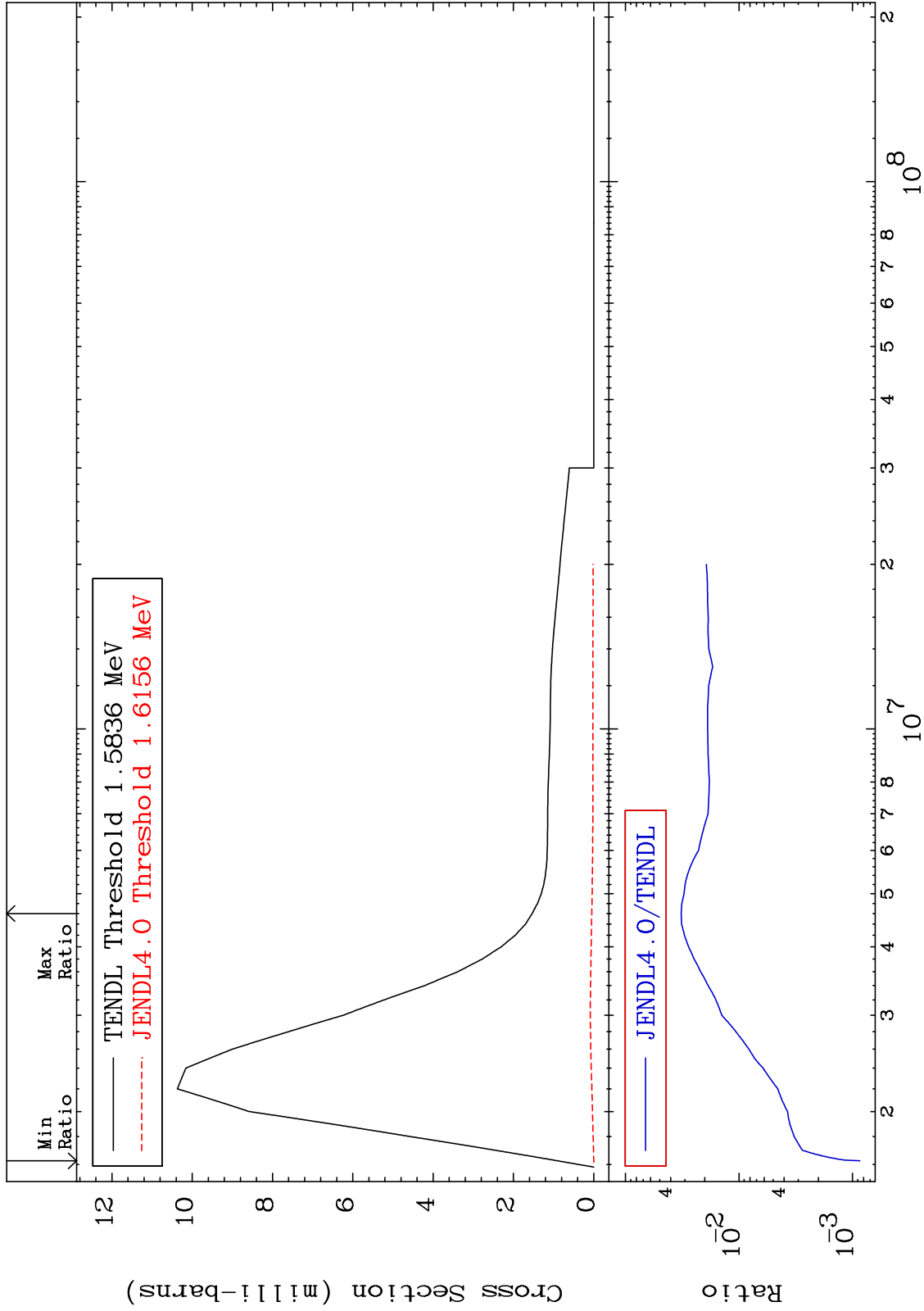
68-Er-168
-98.55 To 9999. %



MAT 6843

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

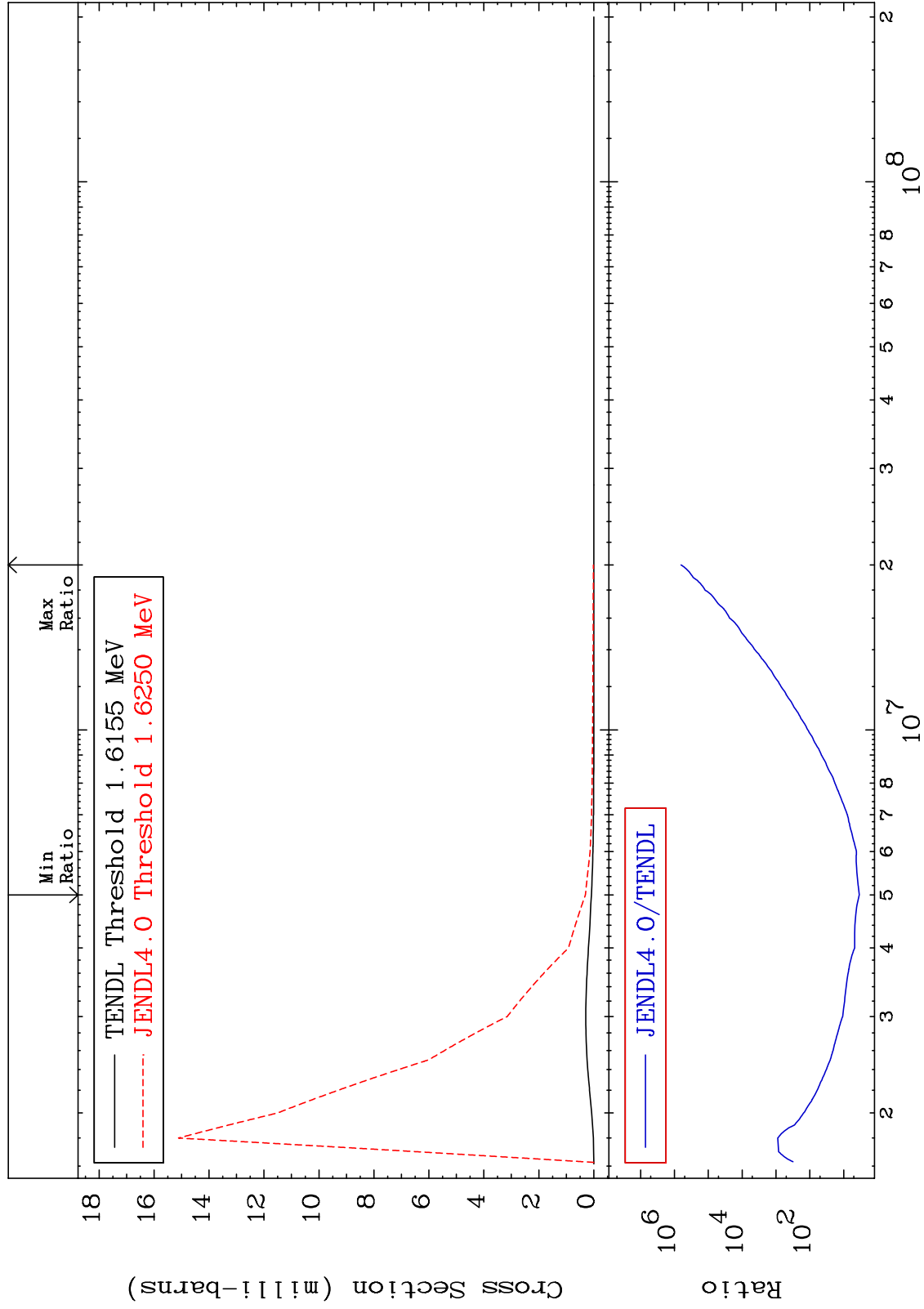
68-Er-168
-99.91 To -96.77%



MAT 6843

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

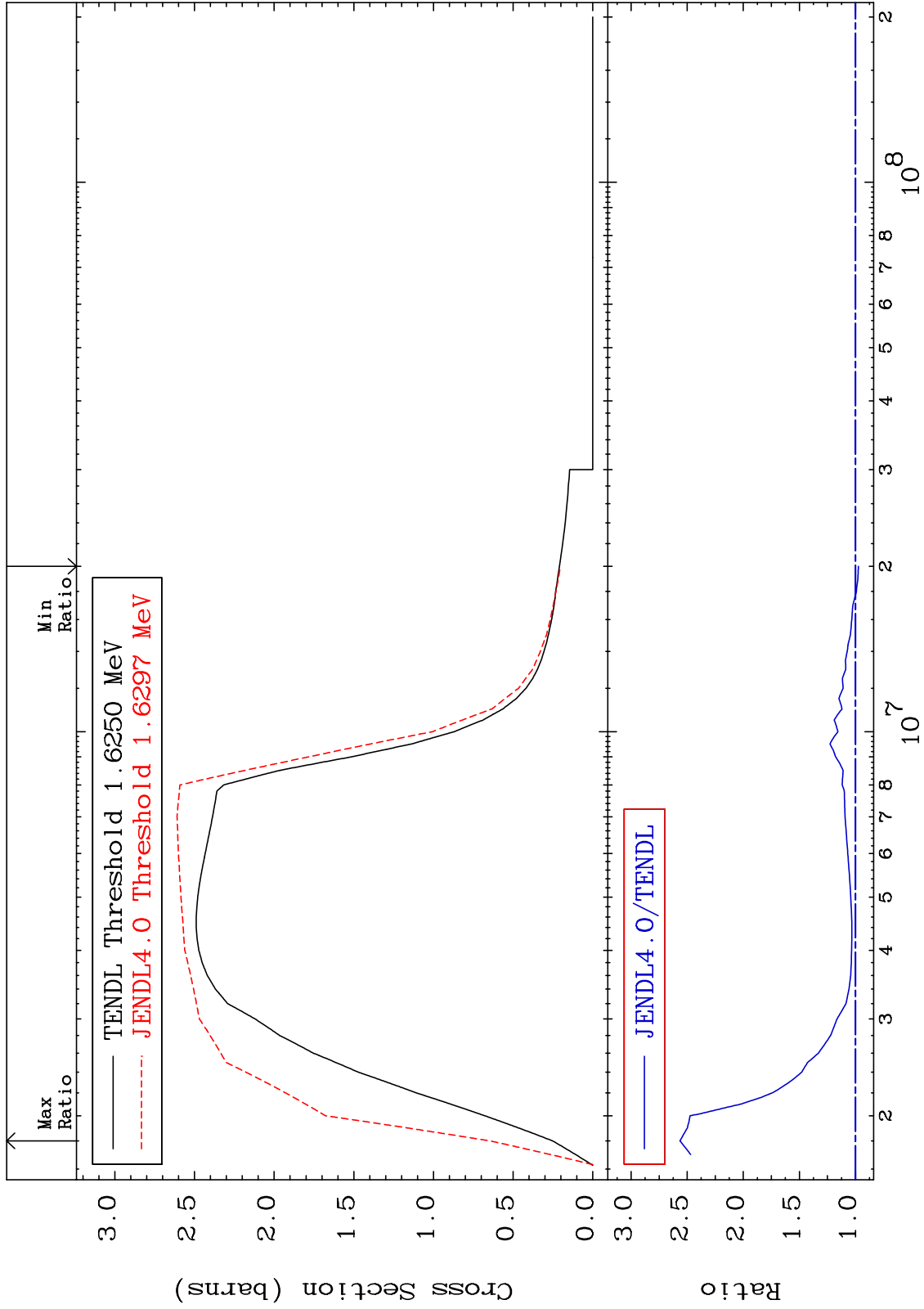
68-Er-168
245.6 To 9999. %



MAT 6843

(n, n') Continuum
Cross Section

68-Er-168
-2.579 To 156.4 %



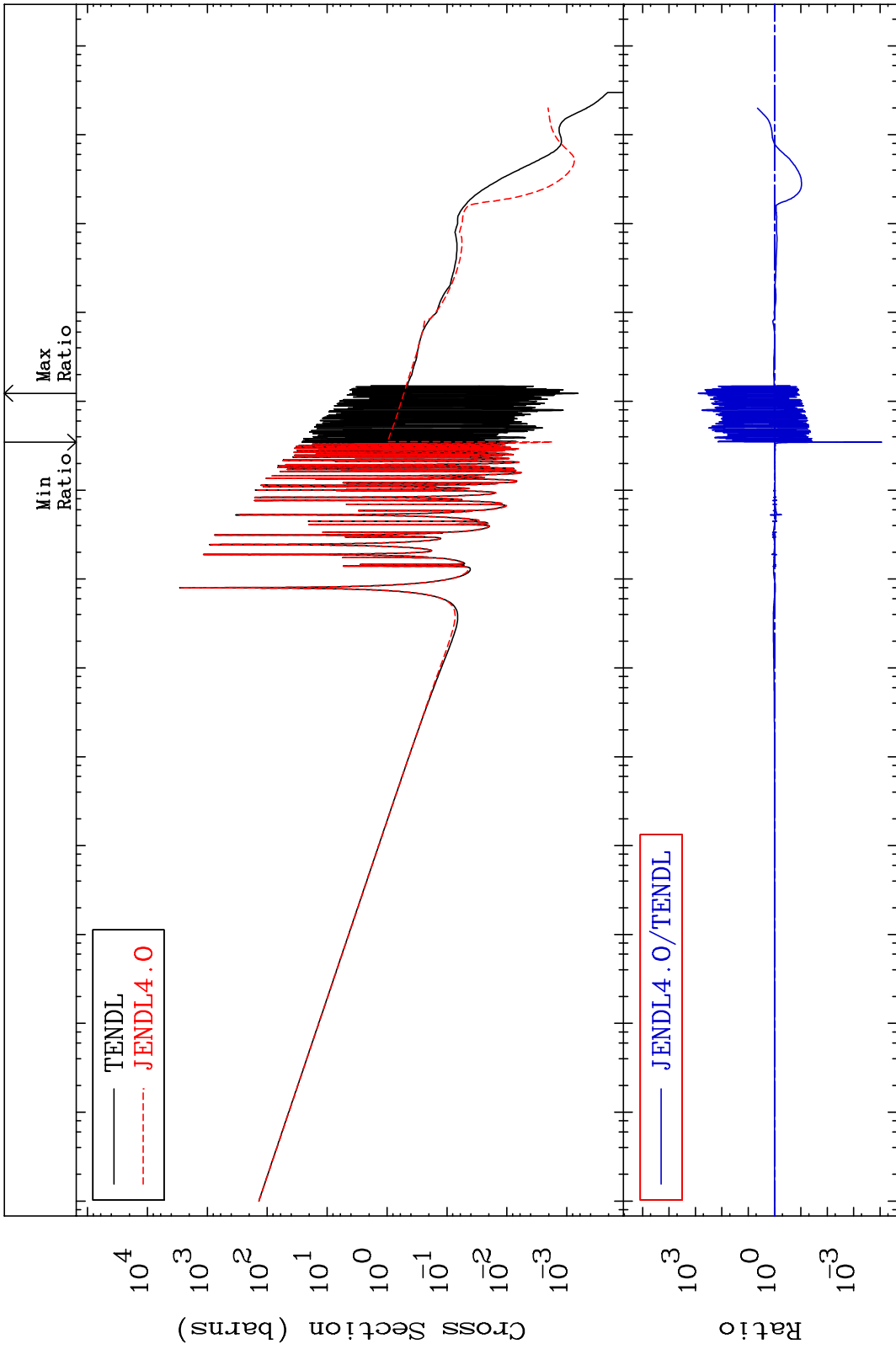
MAT 6843

(n, γ)

68-Er-168

Cross Section

-99.99 To 9999. %



MAT 6843

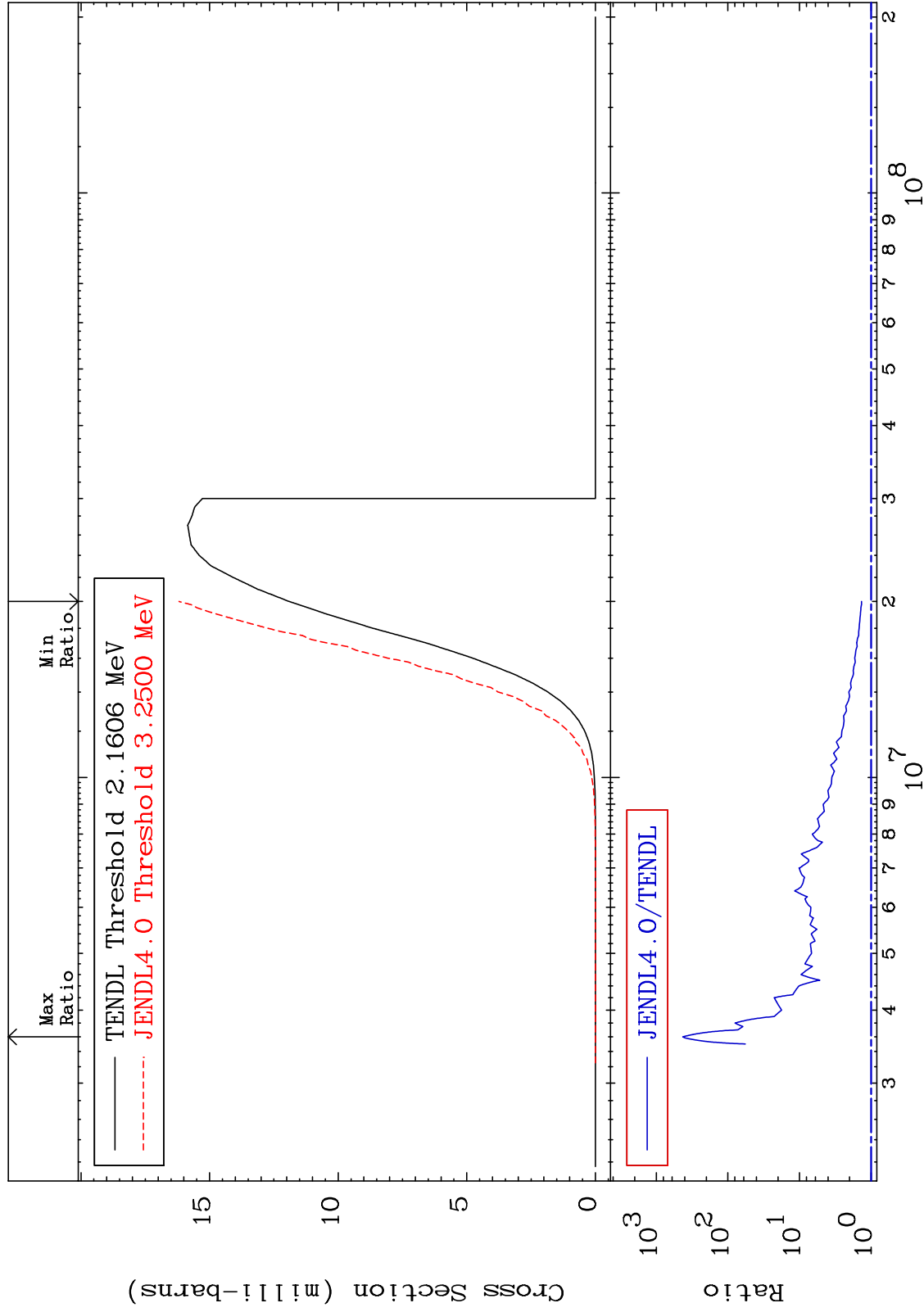
(n, p)

68-Er-168

Cross Section

Cross Section

35.98 To 9999. %



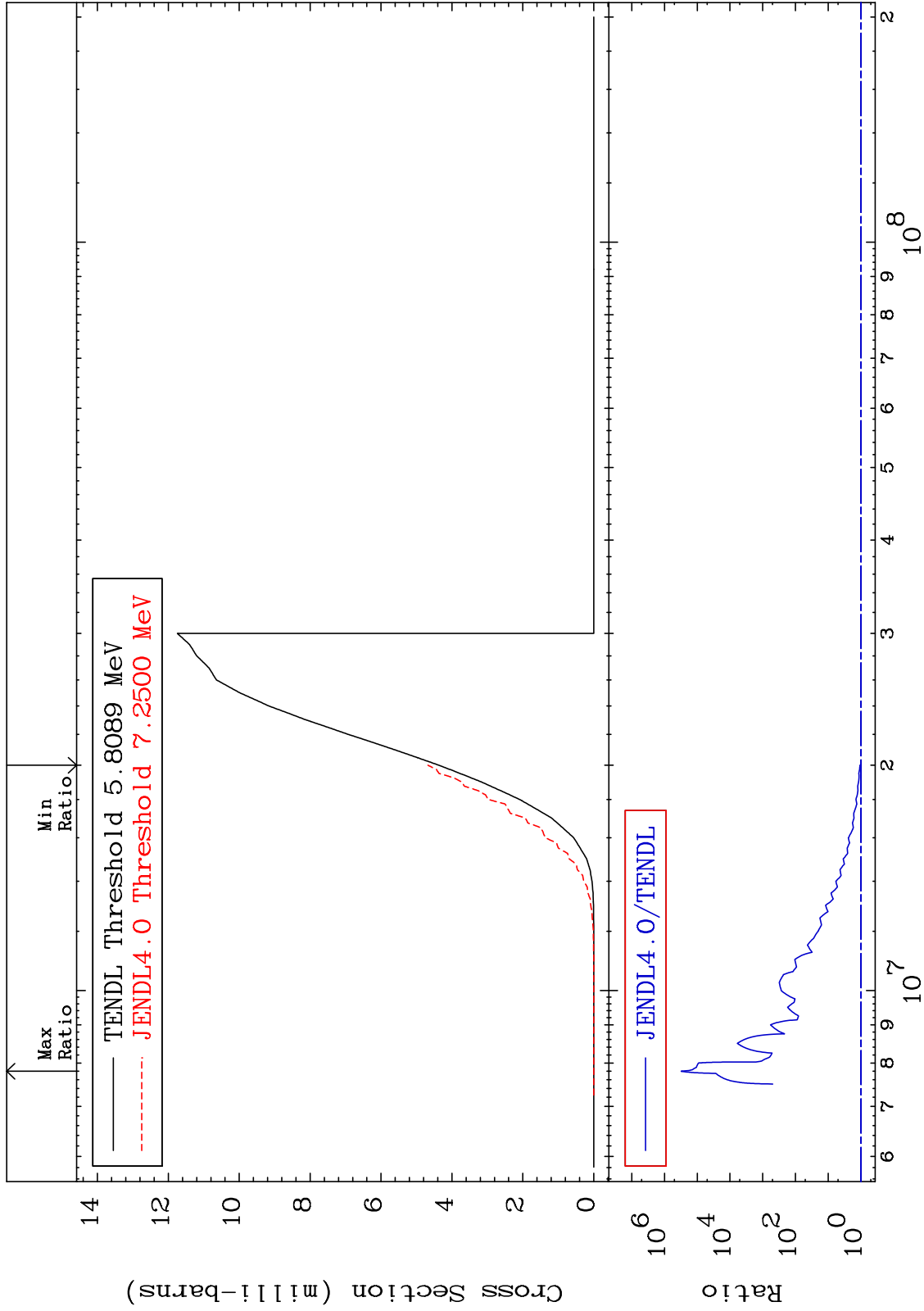
MAT 6843

(n,d)

68-Er-168

Cross Section

7.117 To 9999. %



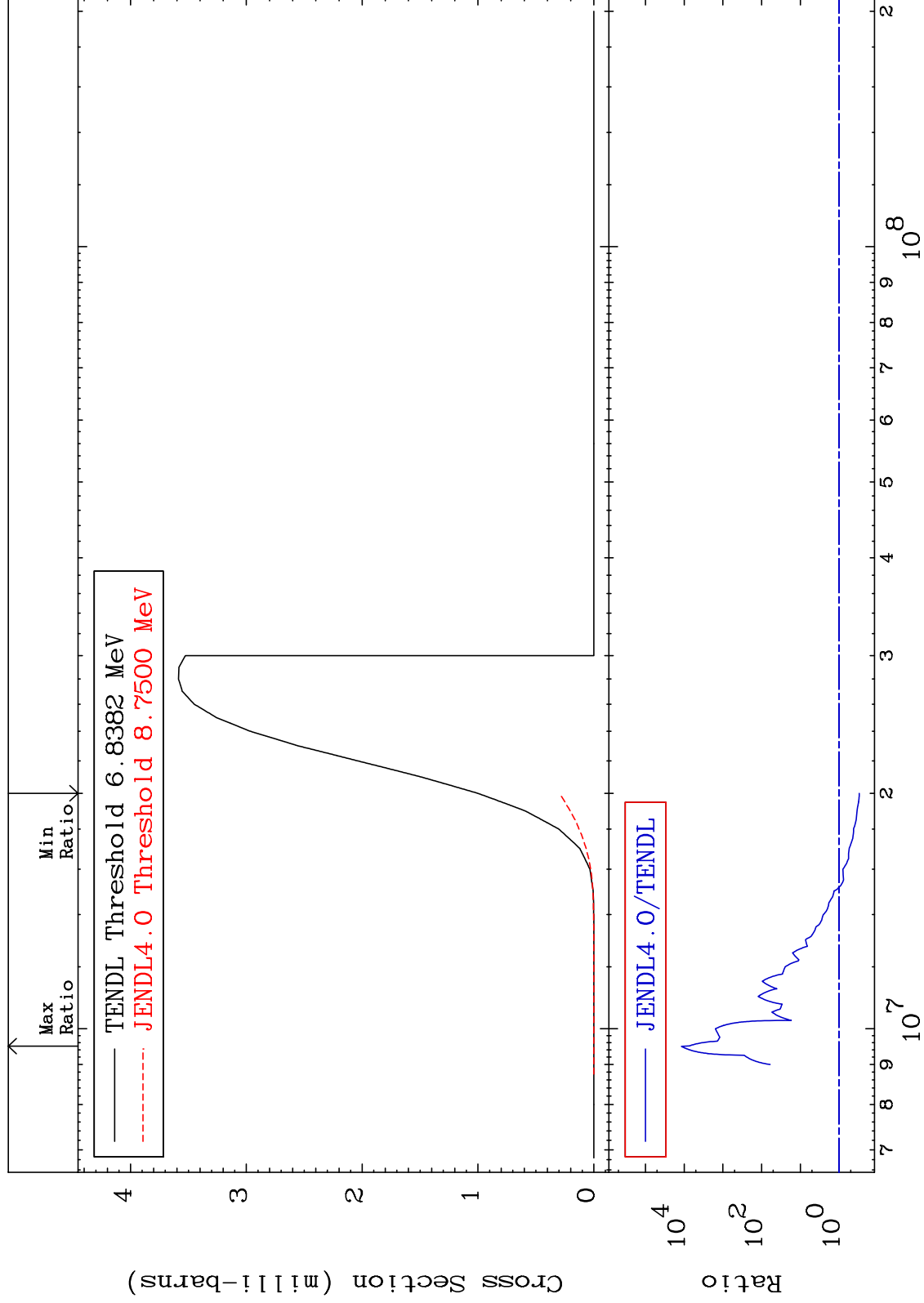
MAT 6843

(n, t)

68-Er-168

-70.07 To 9999. %

Cross Section



42

68-Er-168

68-Er-168

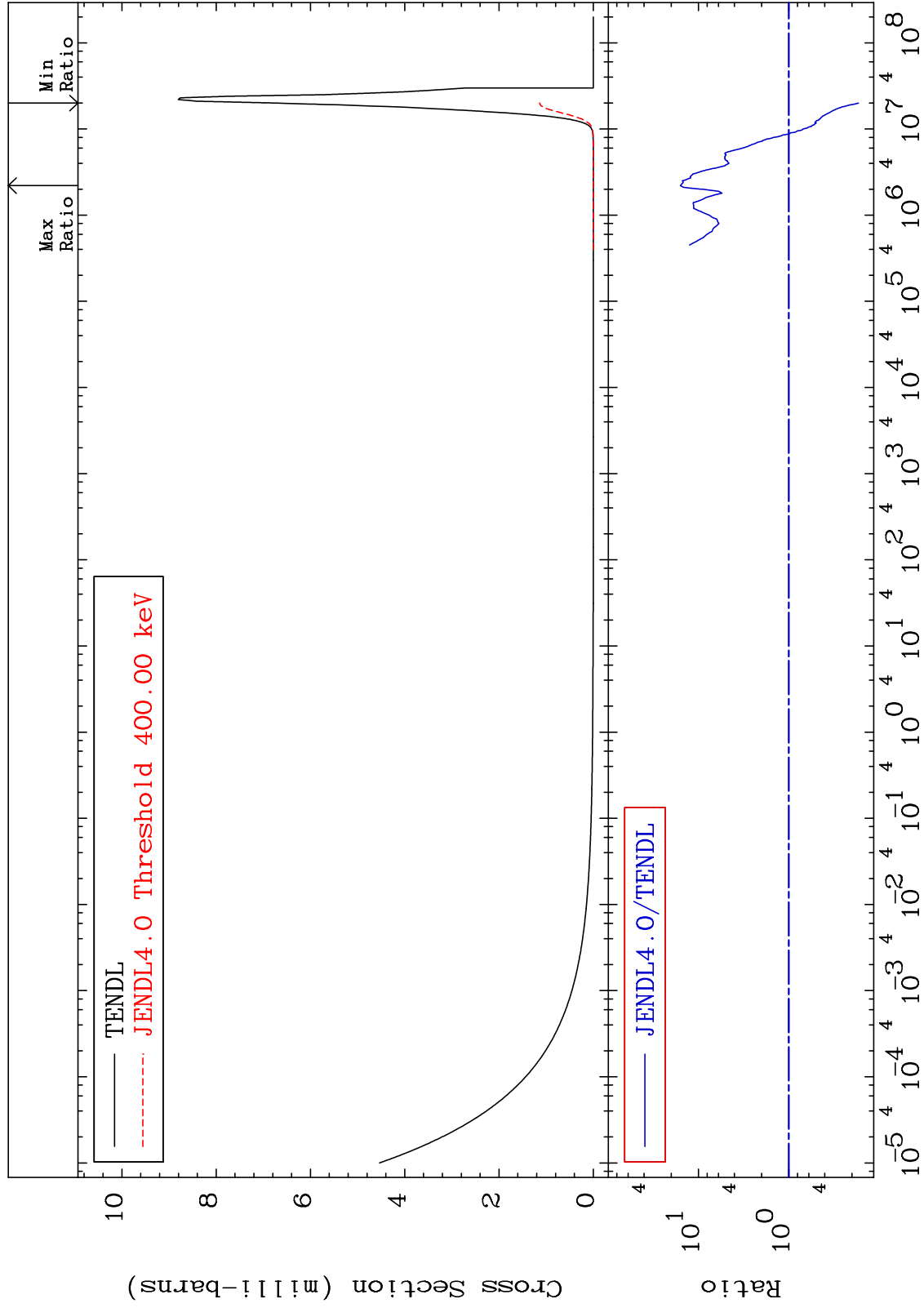
MAT 6843

(n, α)

68-Er-168

Cross Section

-83.06 To 1480. %



Incident Energy (eV)

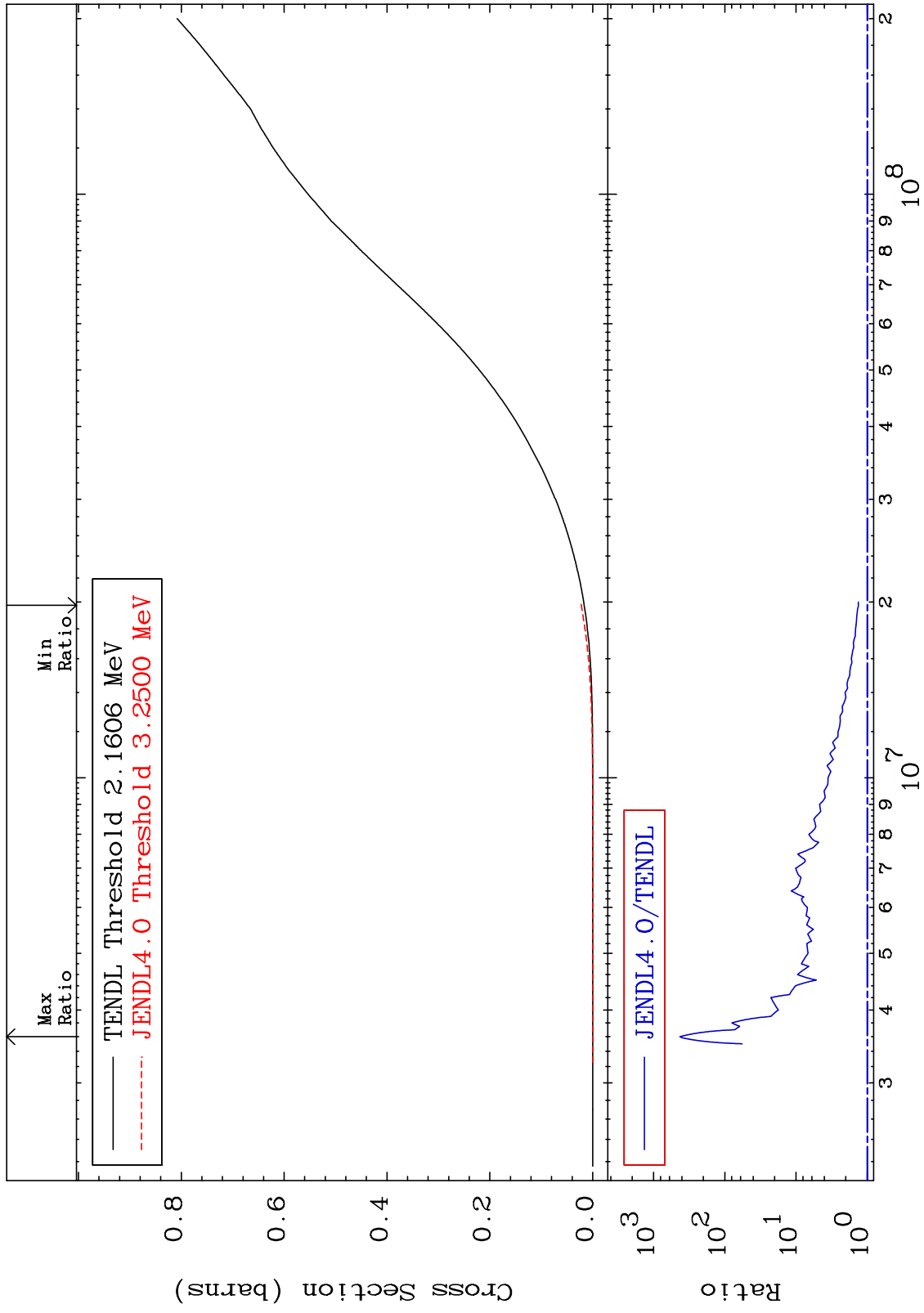
68-Er-168

43

MAT 6843

Hydrogen Production
Cross Section

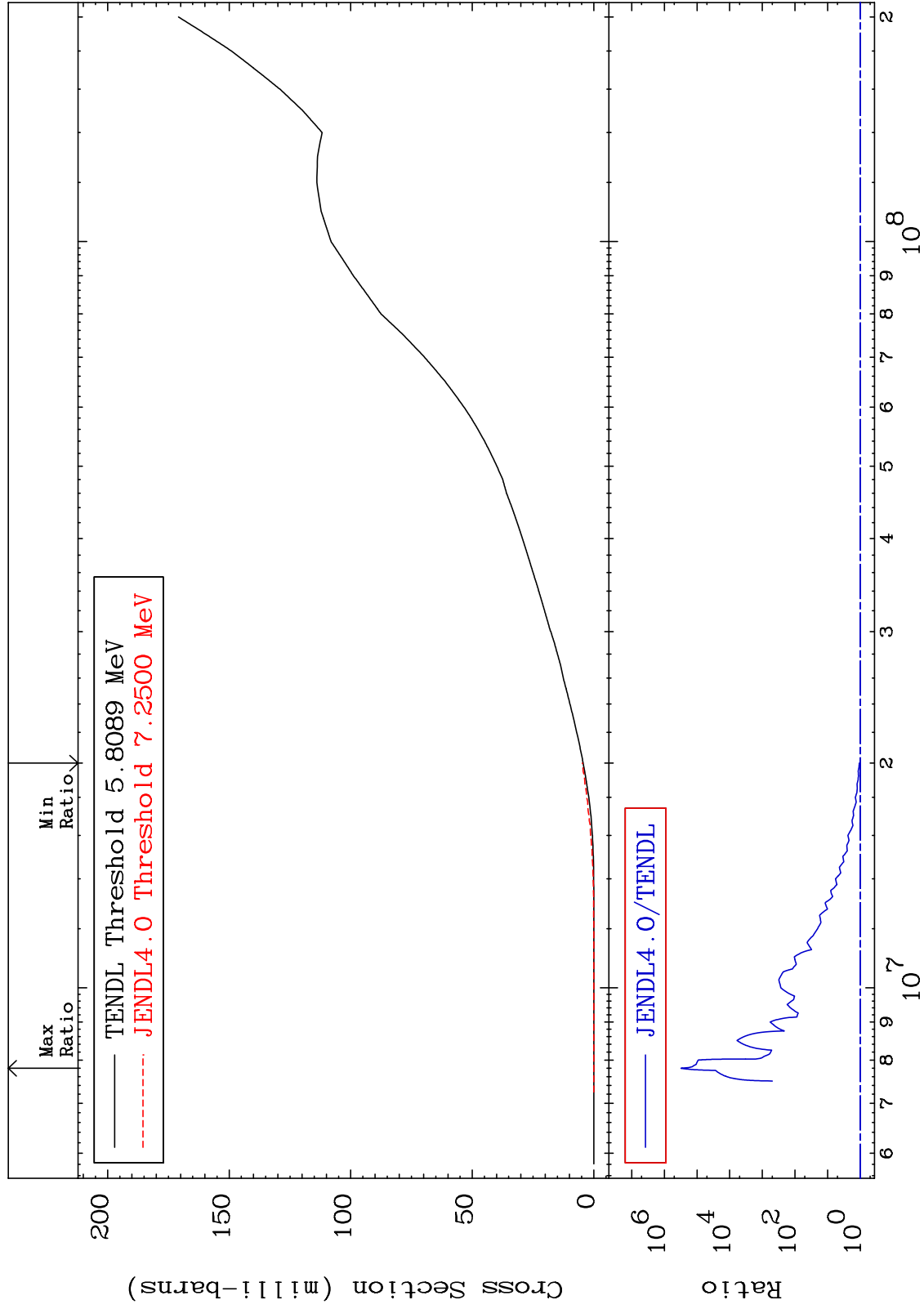
68-Er-168
33.09 To 9999. %



MAT 6843

Deuterium Production
Cross Section

68-Er-168
8.000 To 9999. %



45

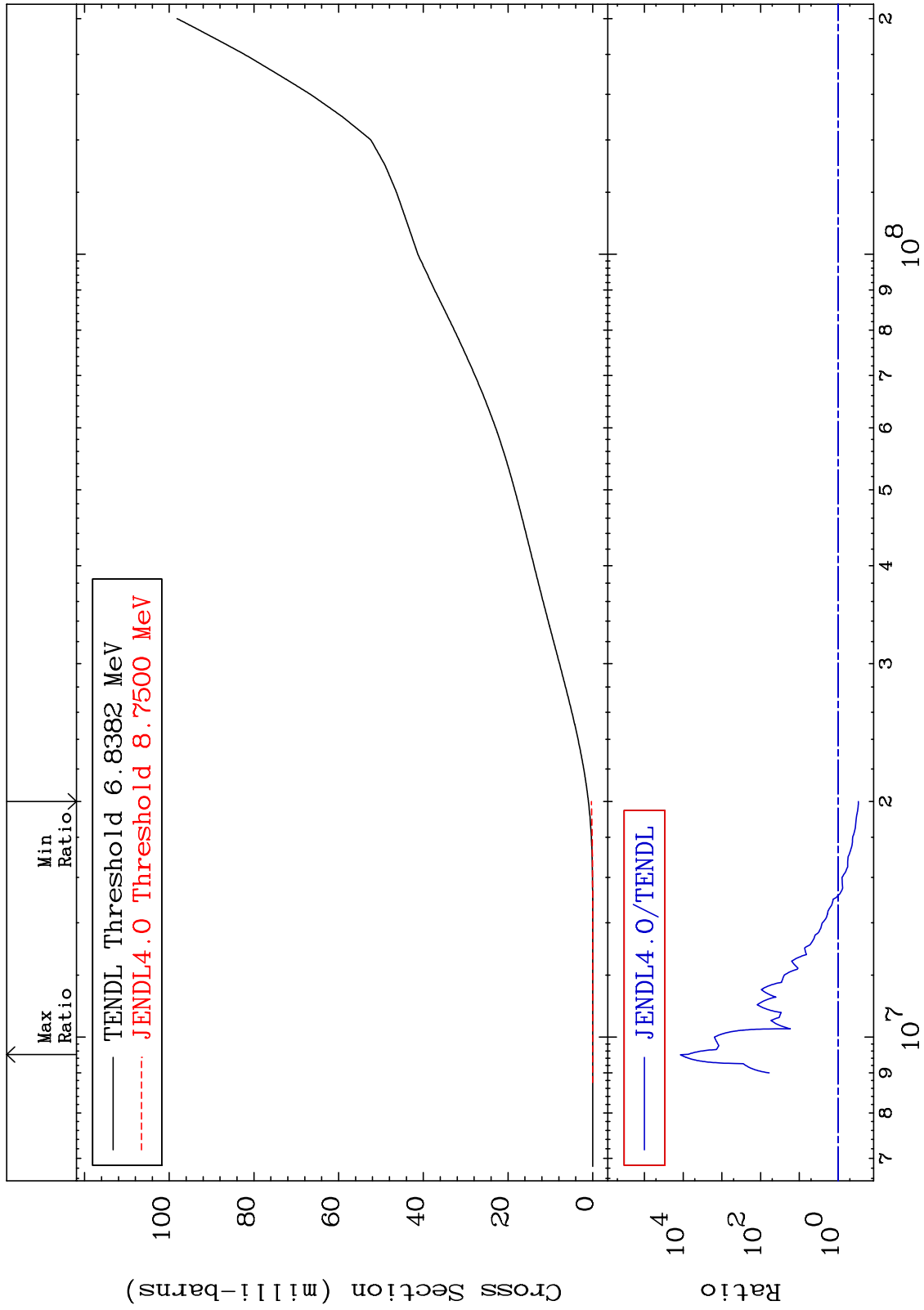
Incident Energy (eV)

68-Er-168

MAT 6843

Tritium Production
Cross Section

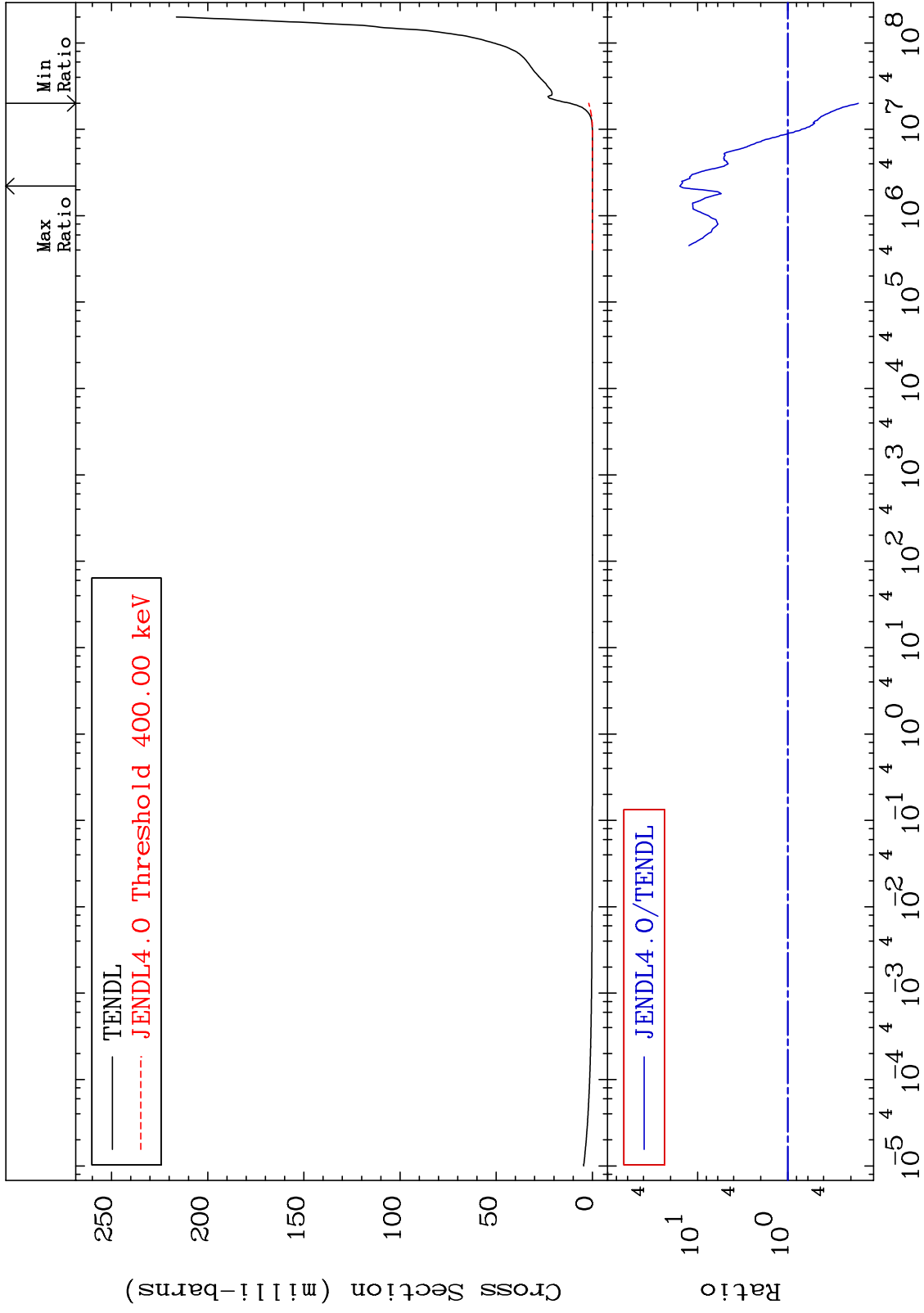
68-Er-168
-70.11 To 9999. %



MAT 6843

He-4 Production
Cross Section

68-Er-168
-83.51 To 1480. %



47

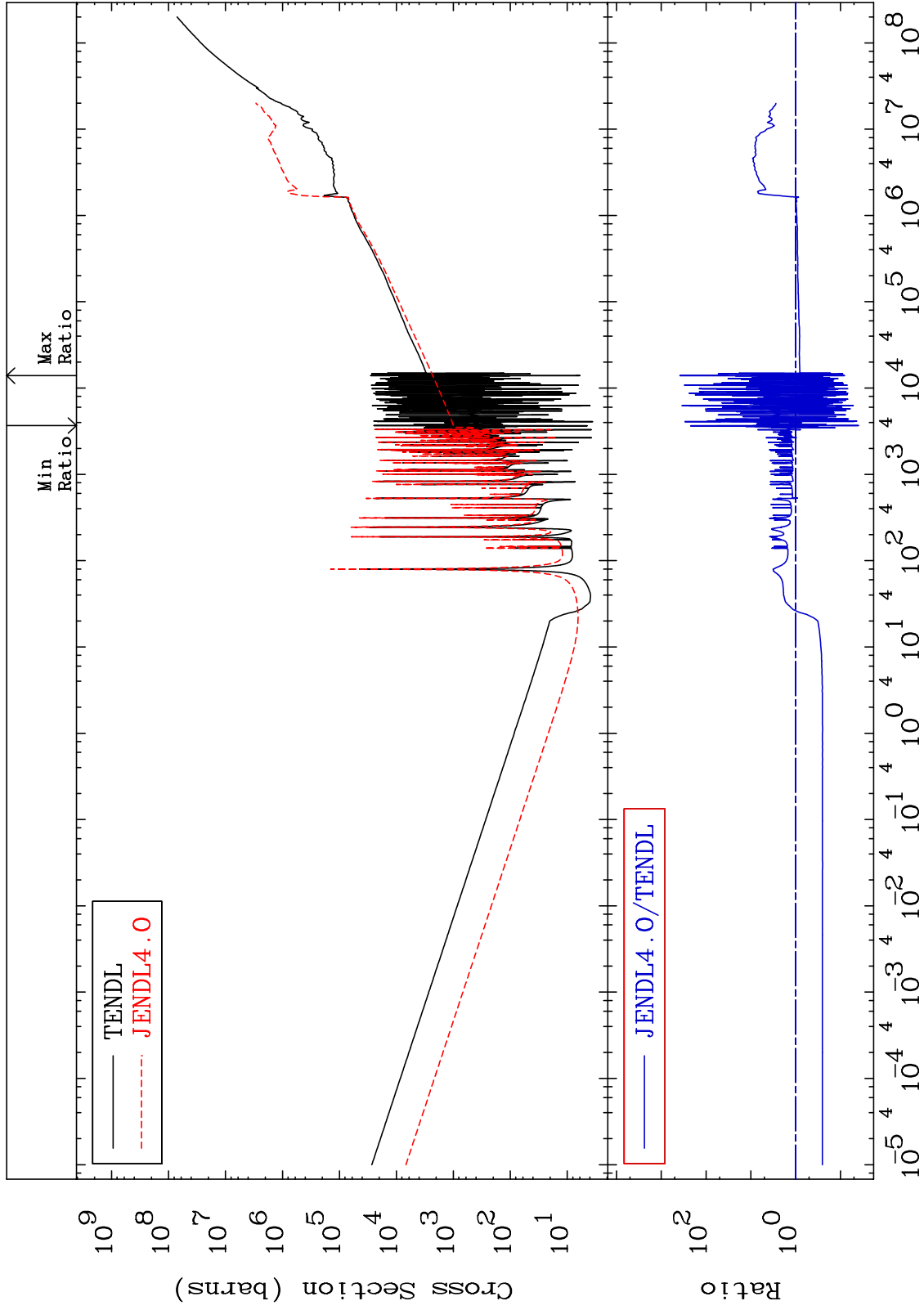
Incident Energy (eV)

68-Er-168

MAT 6843

Kerma total (eV-barns)
Cross Section

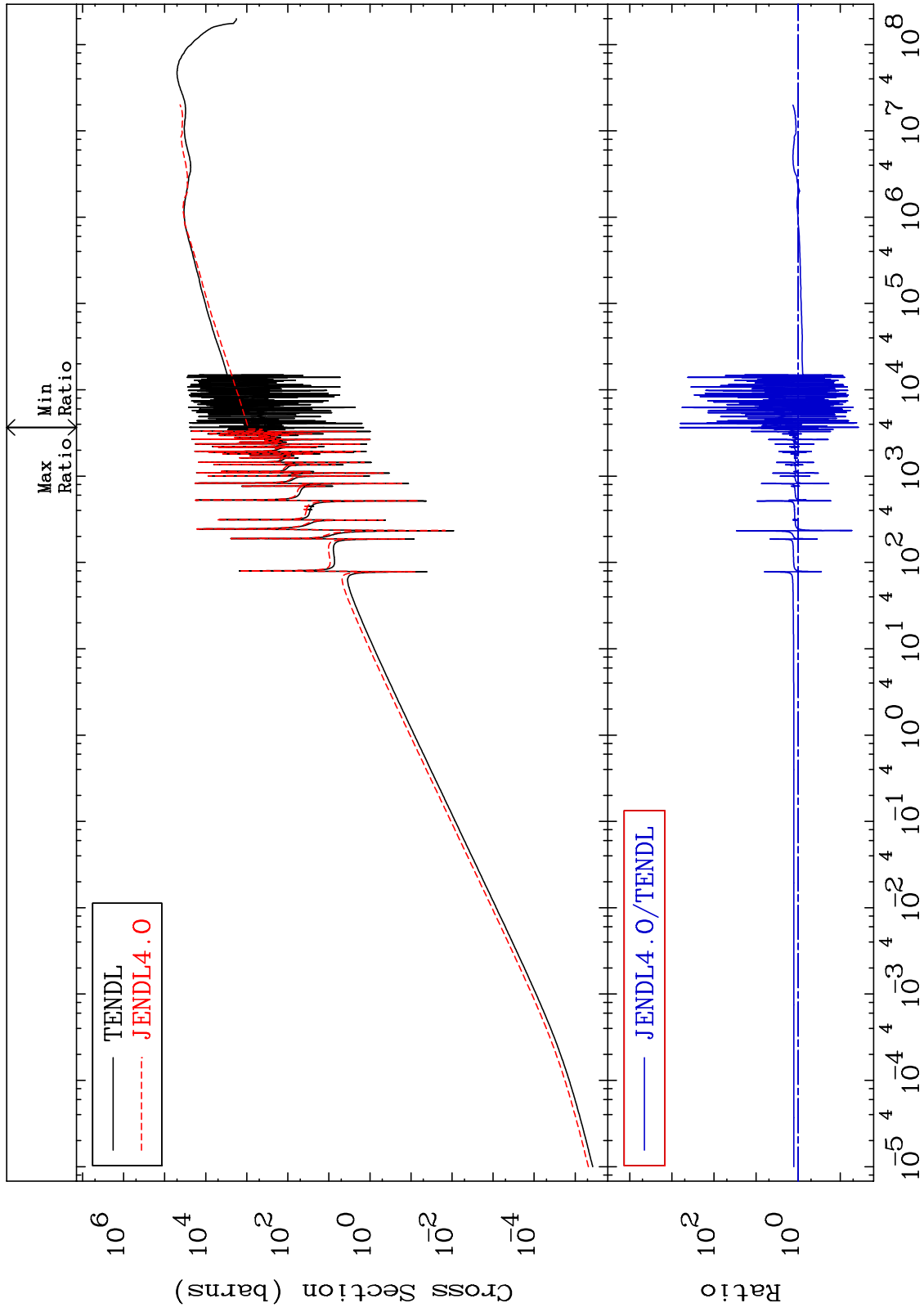
68-Er-168
-96.03 To 9999. %



MAT 6843

Kerma elastic
Cross Section

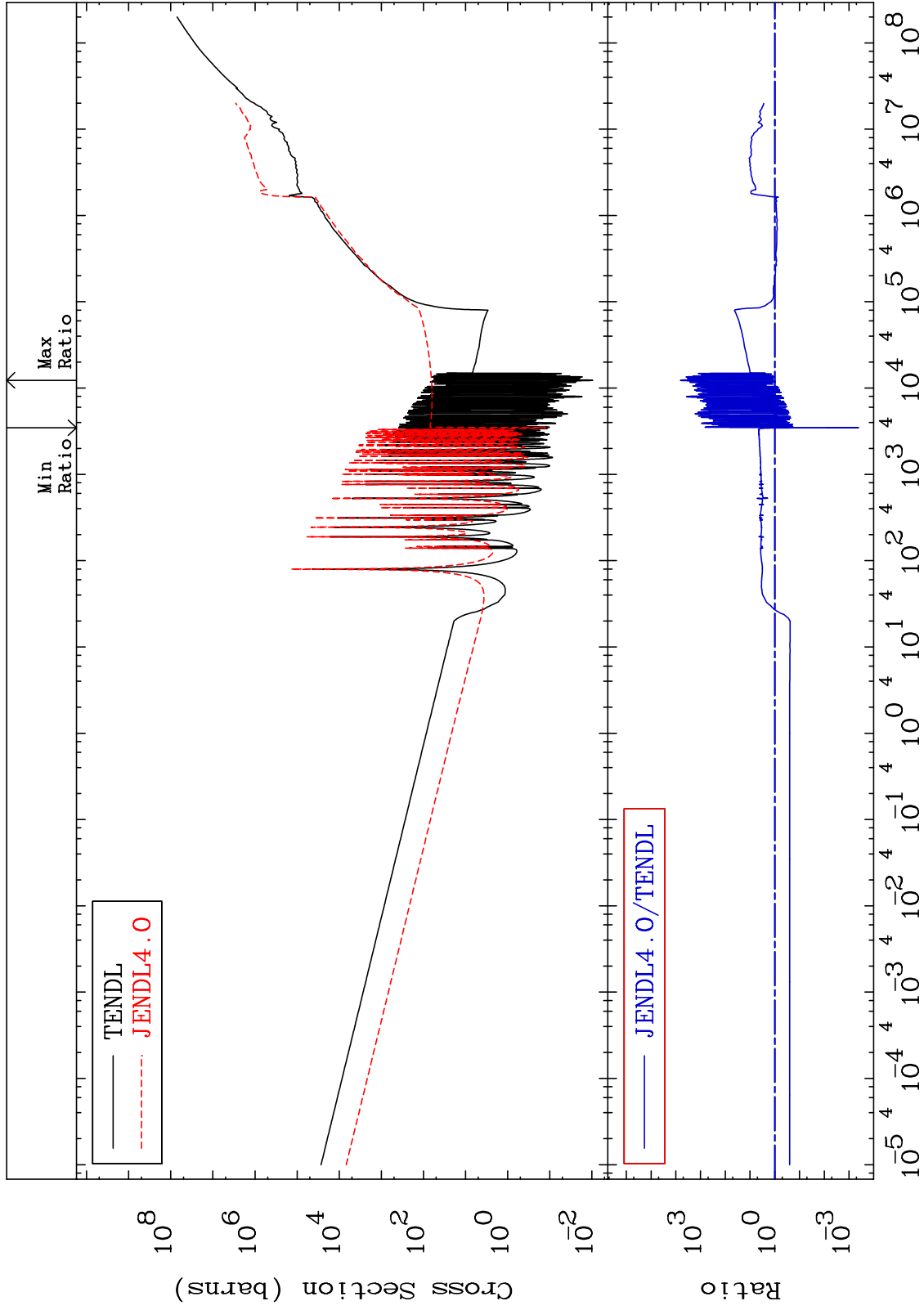
68-Er-168
-96.28 To 9999. %



MAT 6843

Kerma non-elastic (all but mt2)
Cross Section

68-Er-168
-99.96 To 9999. %



50

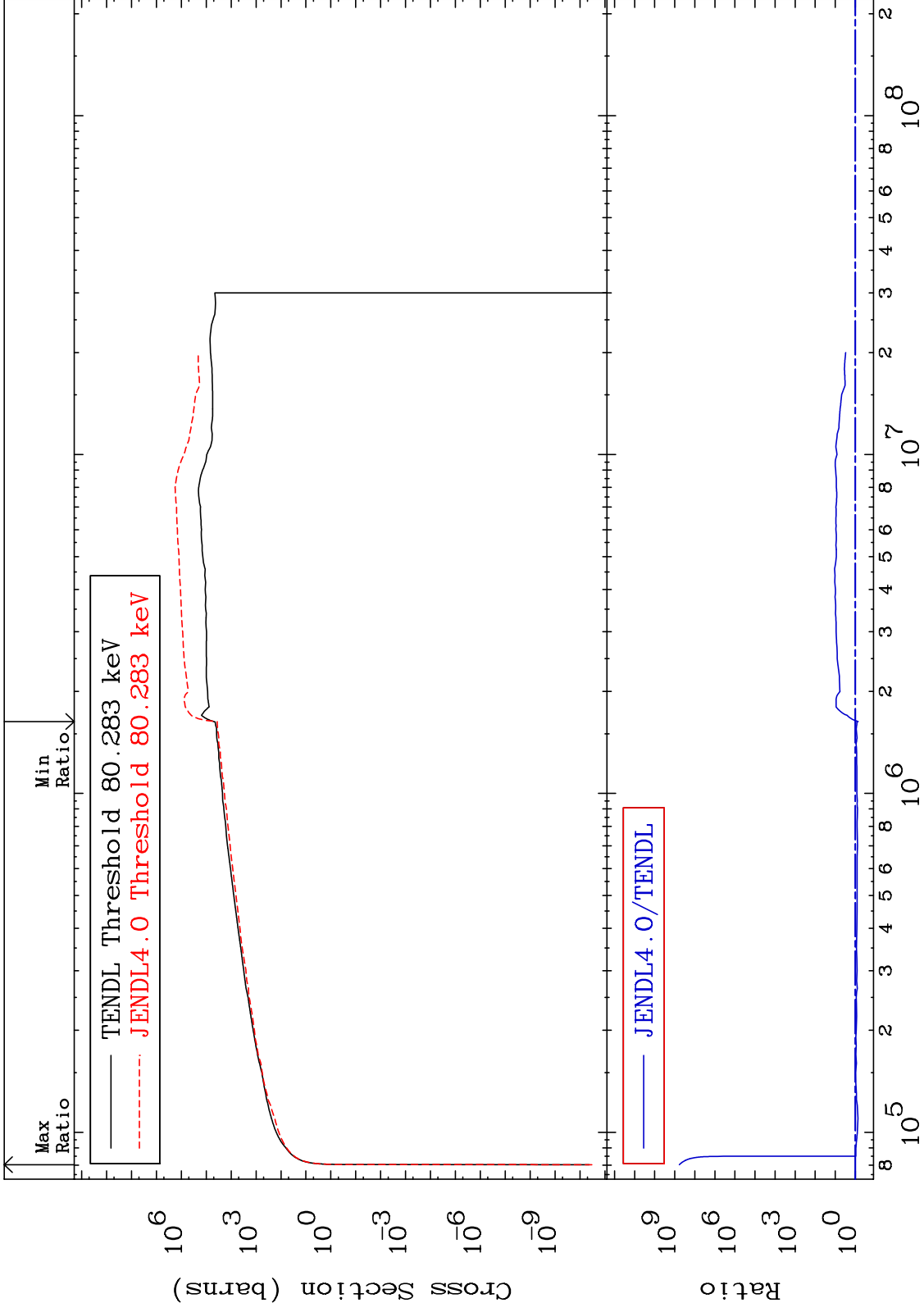
Incident Energy (eV)

68-Er-168

MAT 6843

Kerma inelastic (mt51-91)
Cross Section

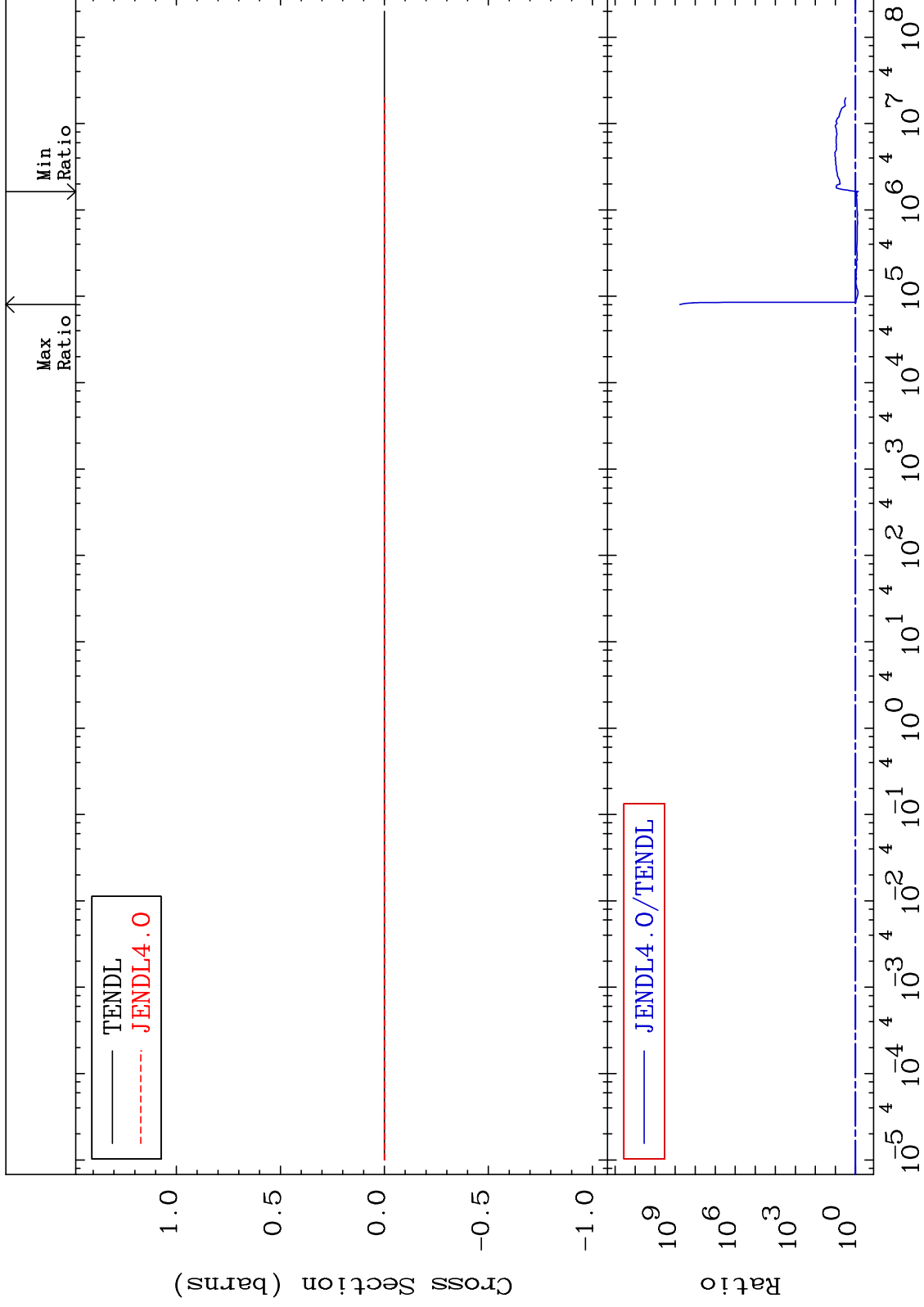
68-Er-168
-28.27 To 9999. %



MAT 6843

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

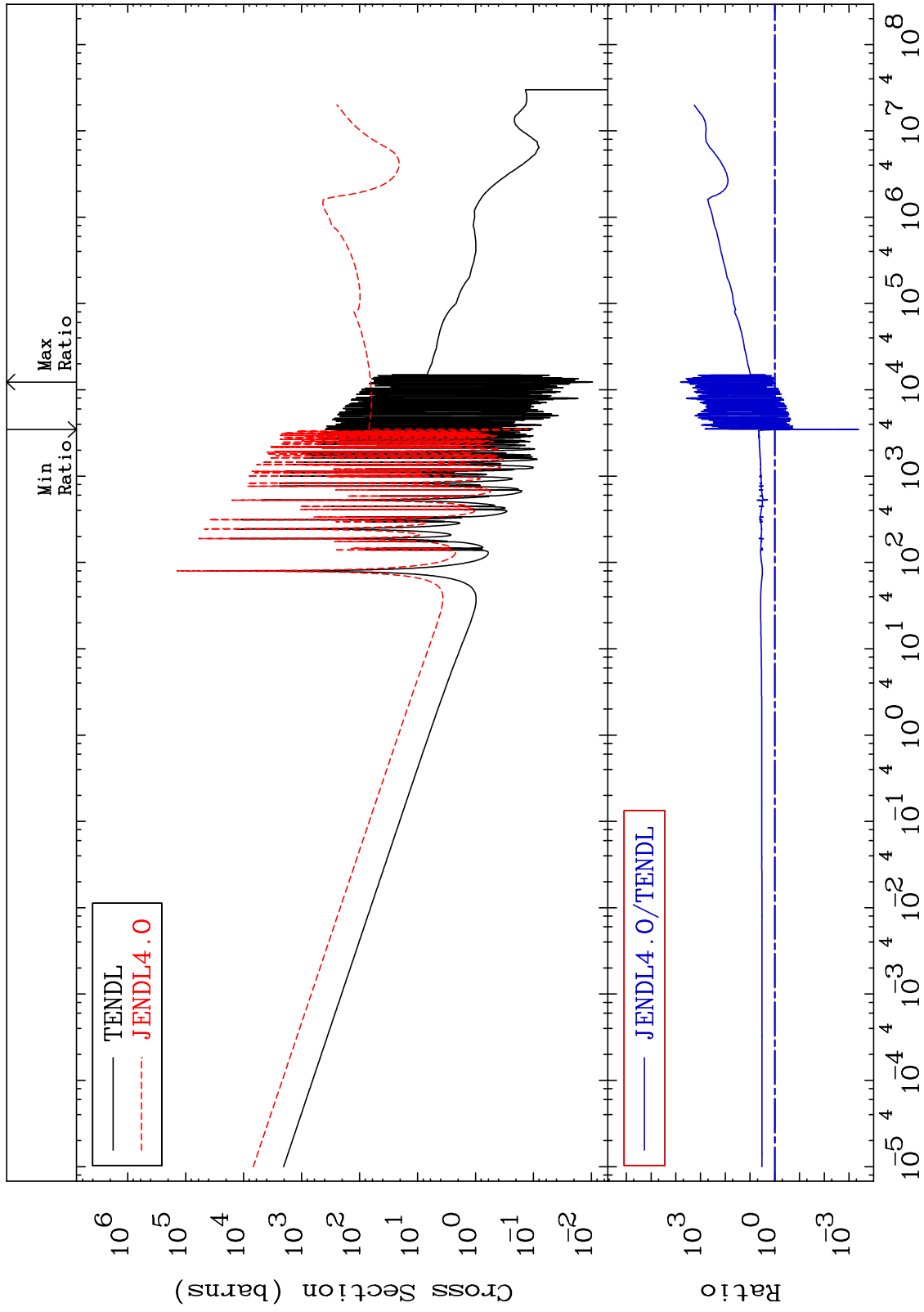
68-Er-168
-28.27 To 9999. %



MAT 6843

Kerma capture (mt102)
Cross Section

68-Er-168
-99.96 To 9999. %



53

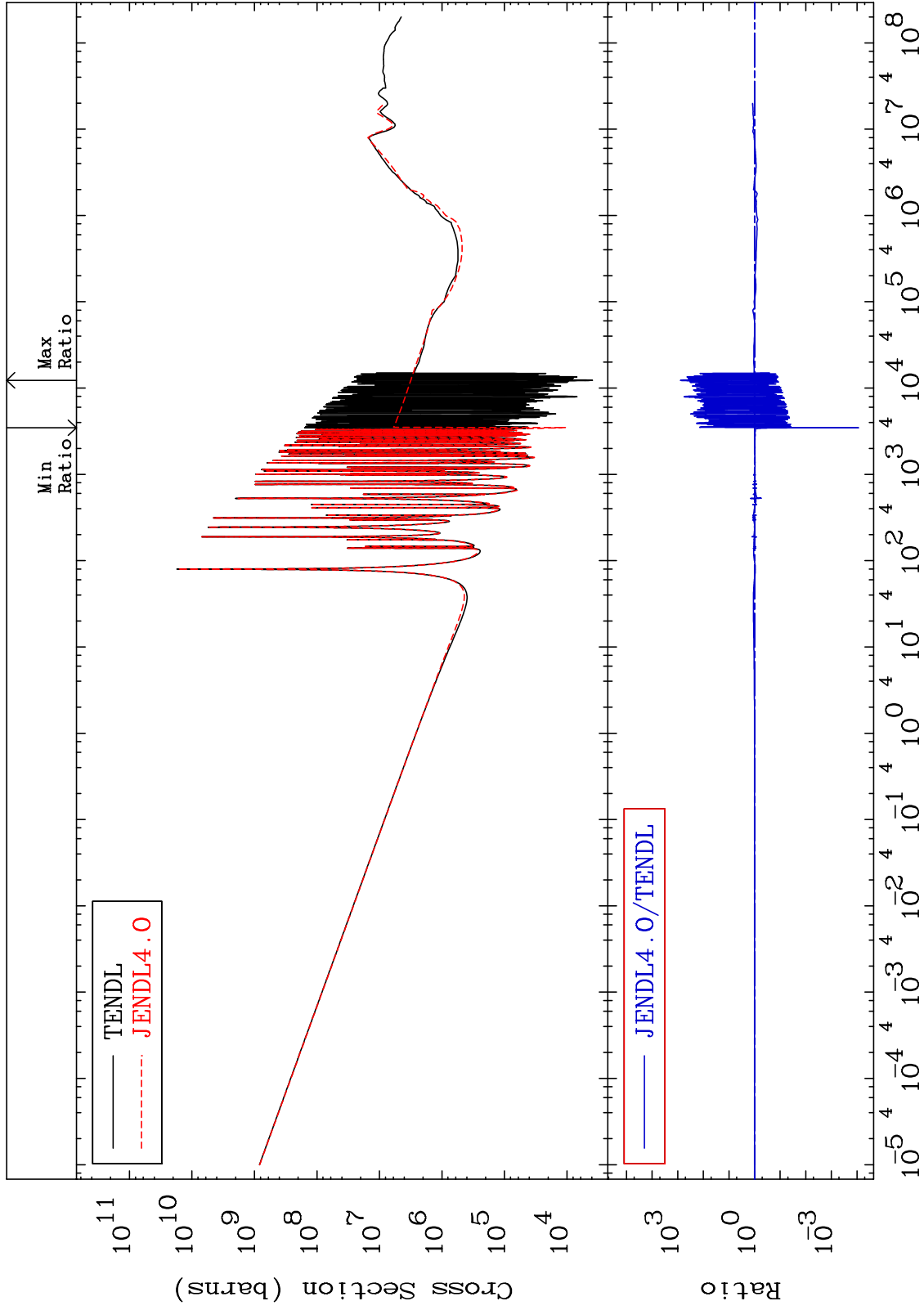
Incident Energy (eV)

68-Er-168

MAT 6843

Total photon (eV-barns)
Cross Section

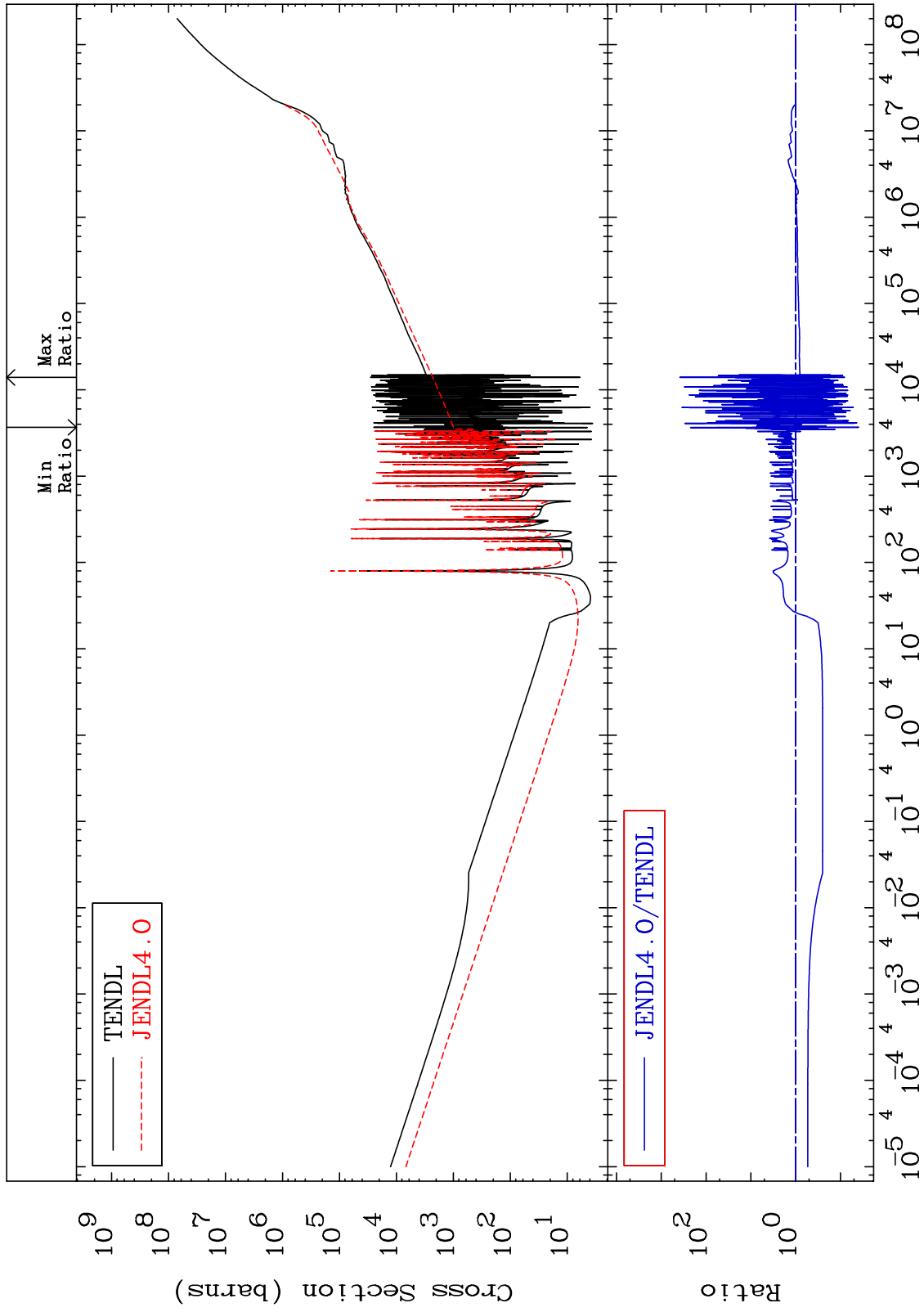
68-Er-168
-99.99 To 9999. %



MAT 6843

Total kinematic kerma (high limit)
Cross Section

68-Er-168
-96.03 To 9999. %



55

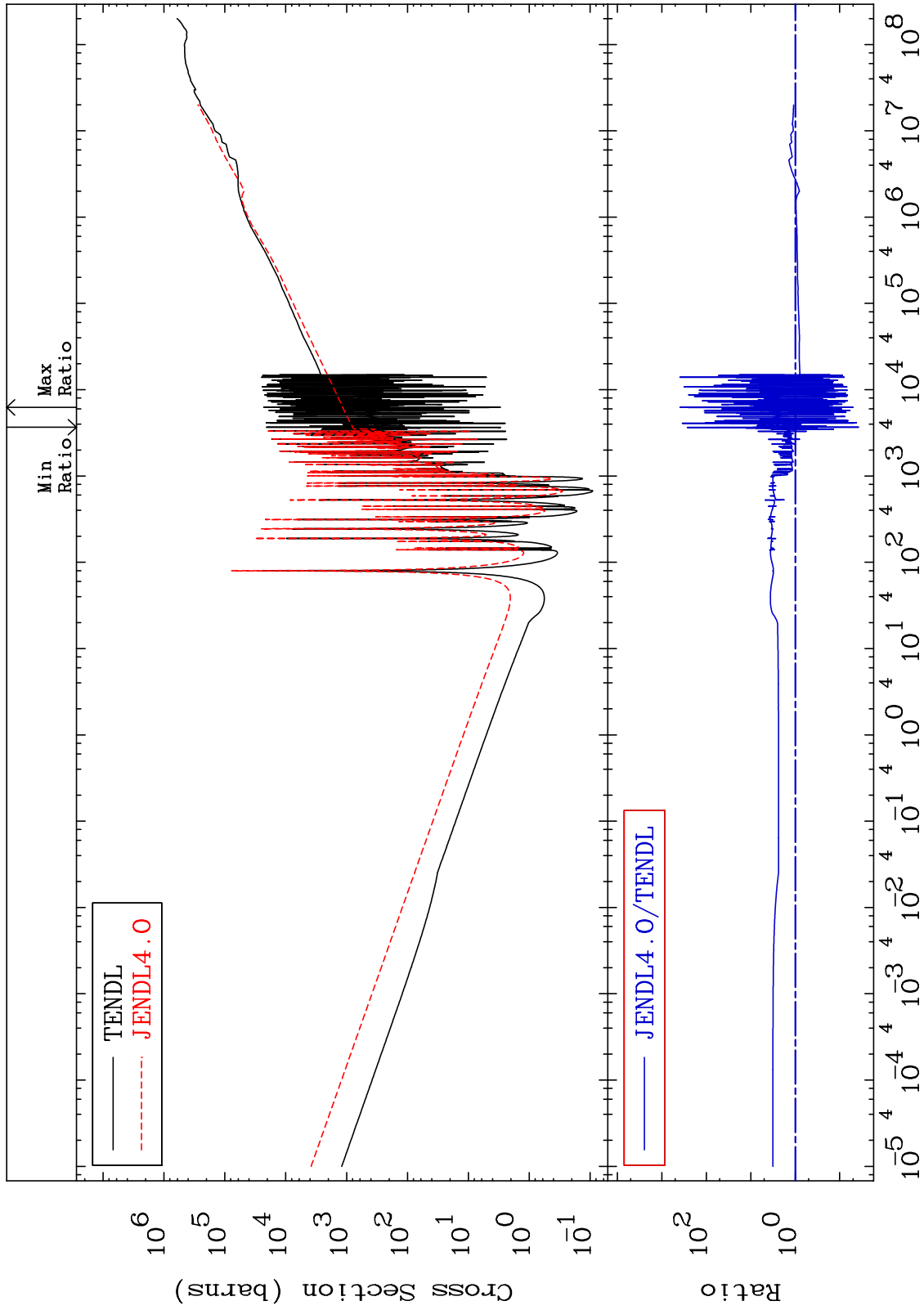
Incident Energy (eV)

68-Er-168

MAT 6843

Dpa total (eV-barns)
Cross Section

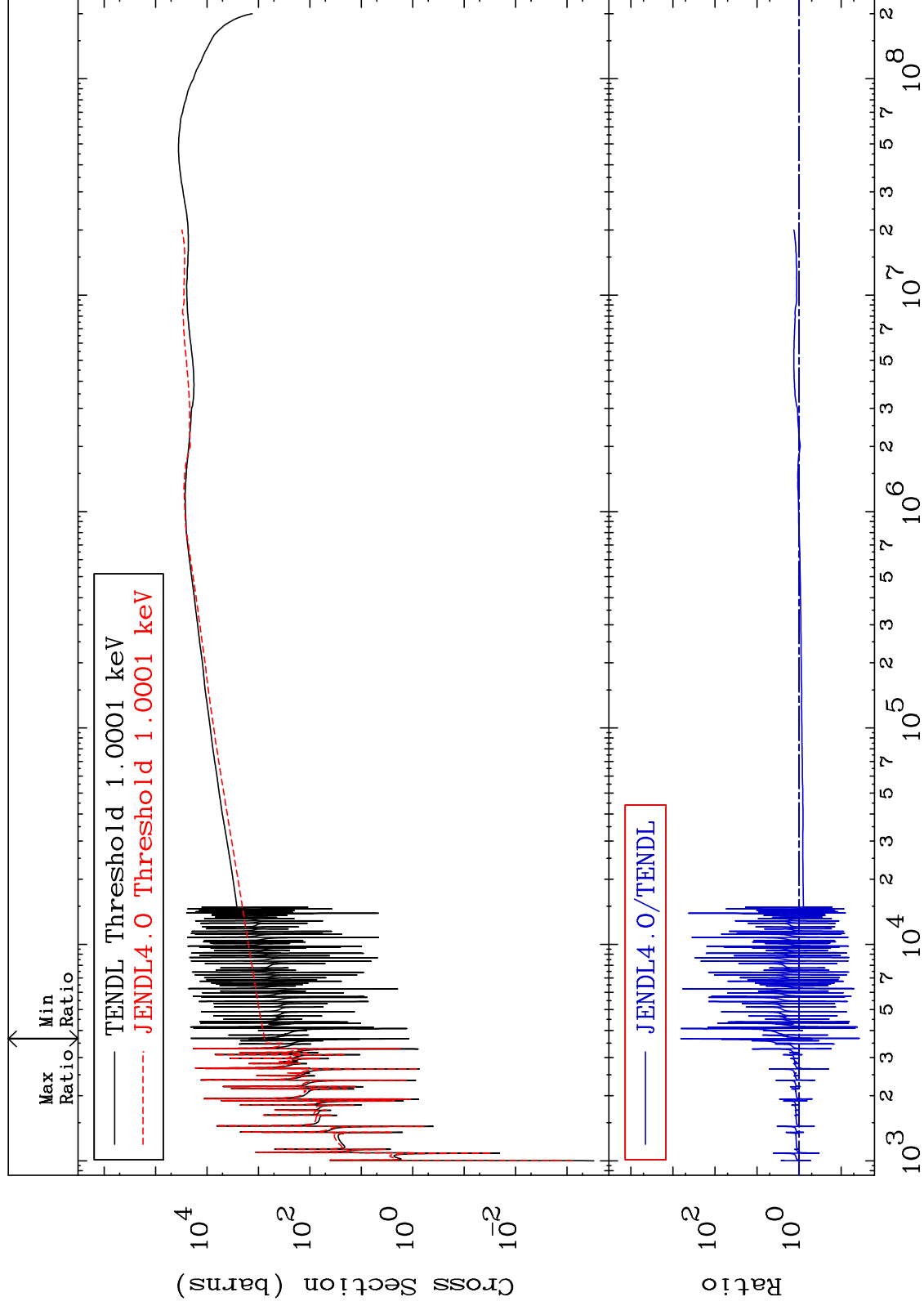
68-Er-168
-96.20 To 9999. %



MAT 6843

Dpa elastic (mt2)
Cross Section

68-Er-168
-96.31 To 9999. %



57

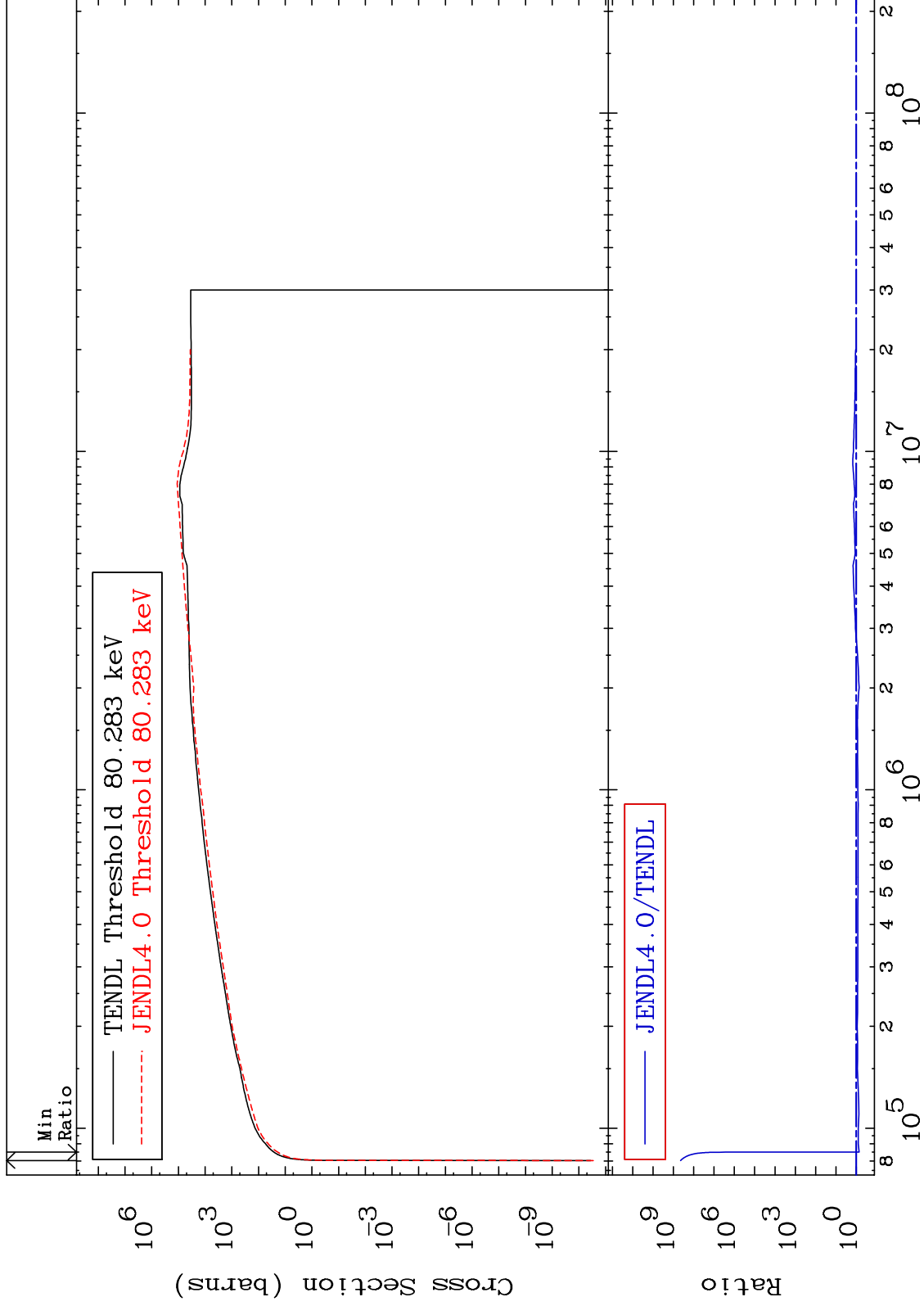
Incident Energy (eV)

68-Er-168

MAT 6843

Dpa inelastic (mt51-91)
Cross Section

68-Er-168
-28.38 To 9999. %



58

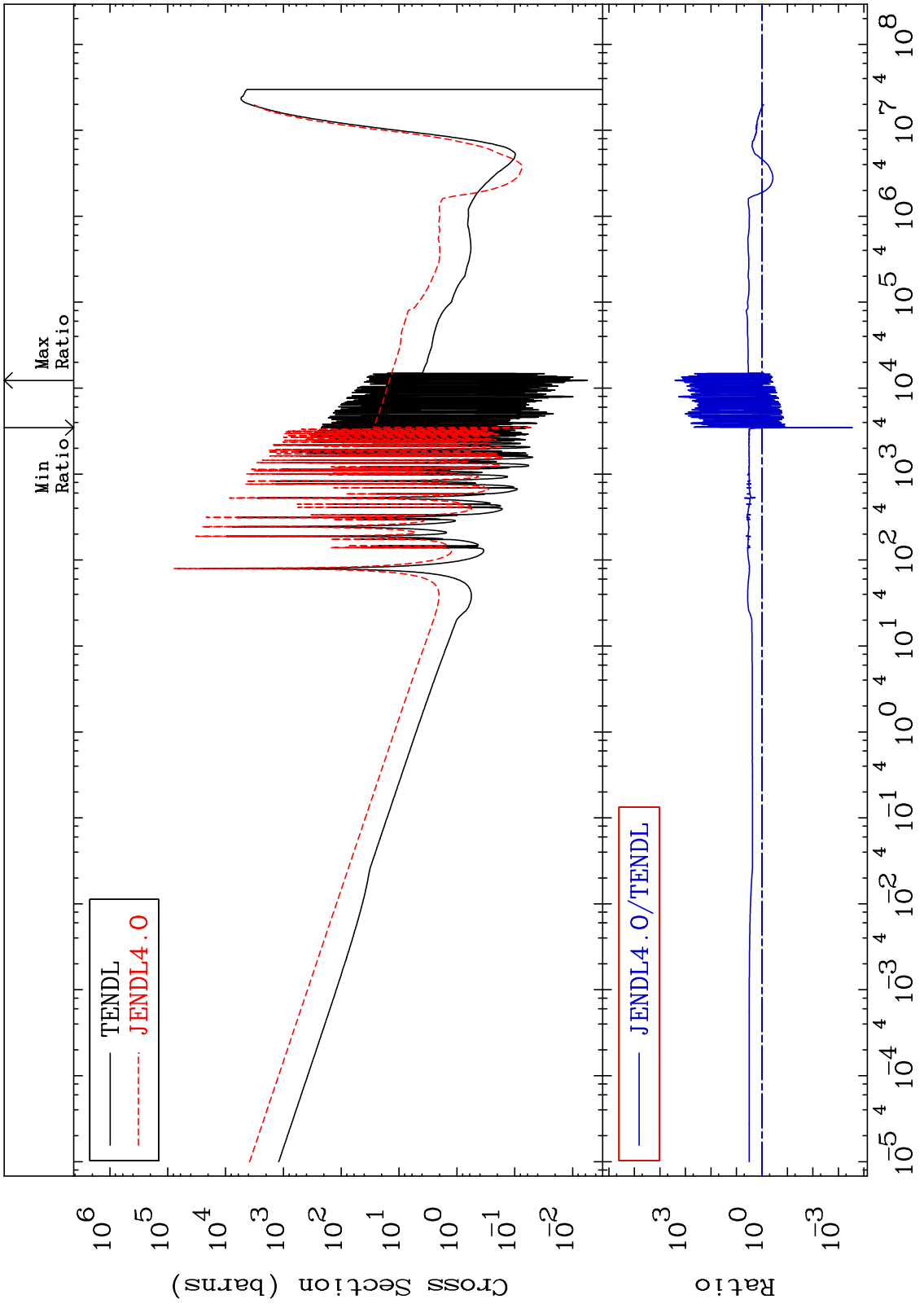
Incident Energy (eV)

68-Er-168

MAT 6843

Dpa disappearance (mt102 -120)
Cross Section

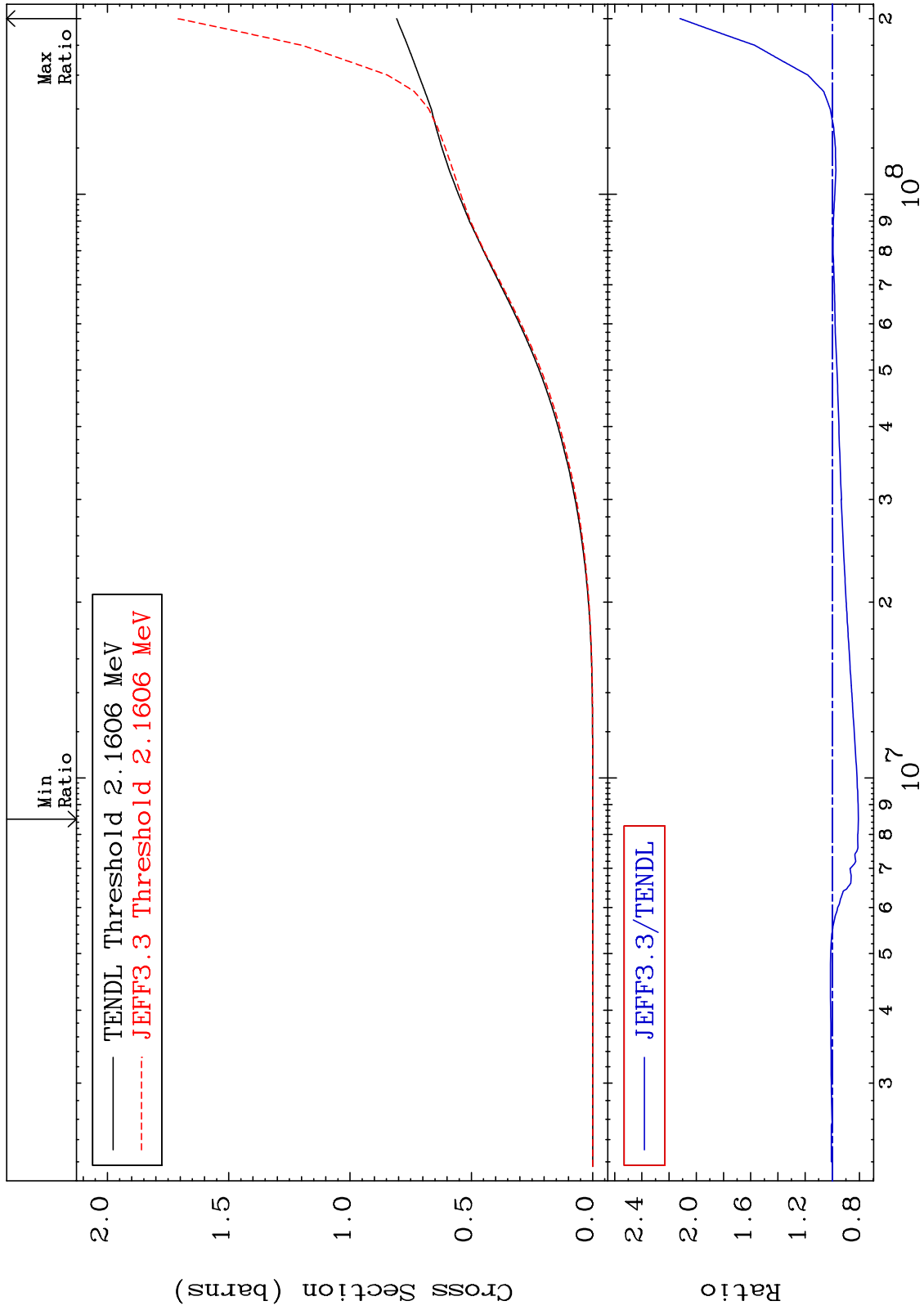
68-Er-168
-99.97 To 9999. %



MAT 6843

Hydrogen Production
Cross Section

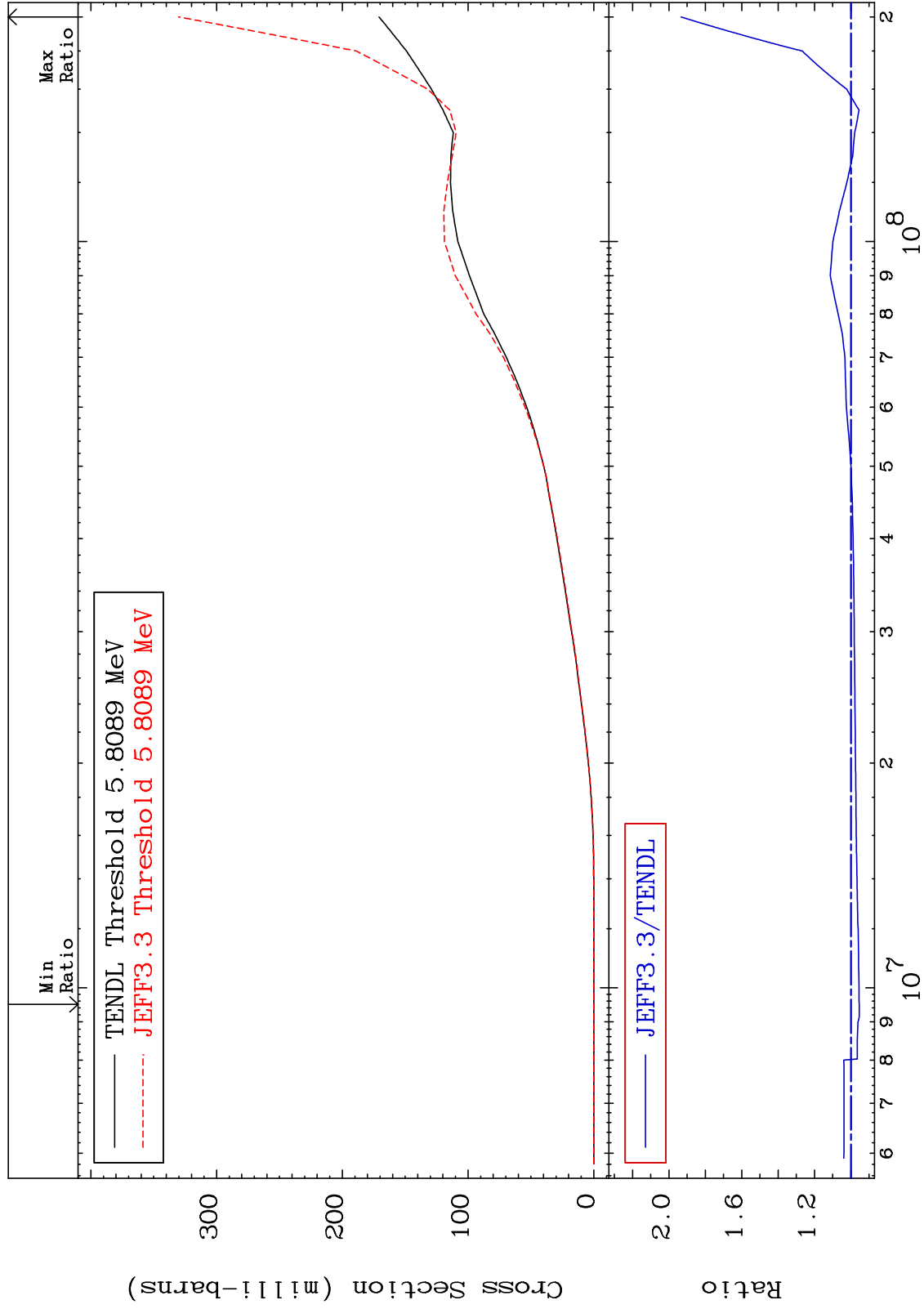
68-Er-168
-19.18 To 112.0 %



MAT 6843

Deuterium Production
Cross Section

68-Er-168
-4.608 To 93.33 %



61

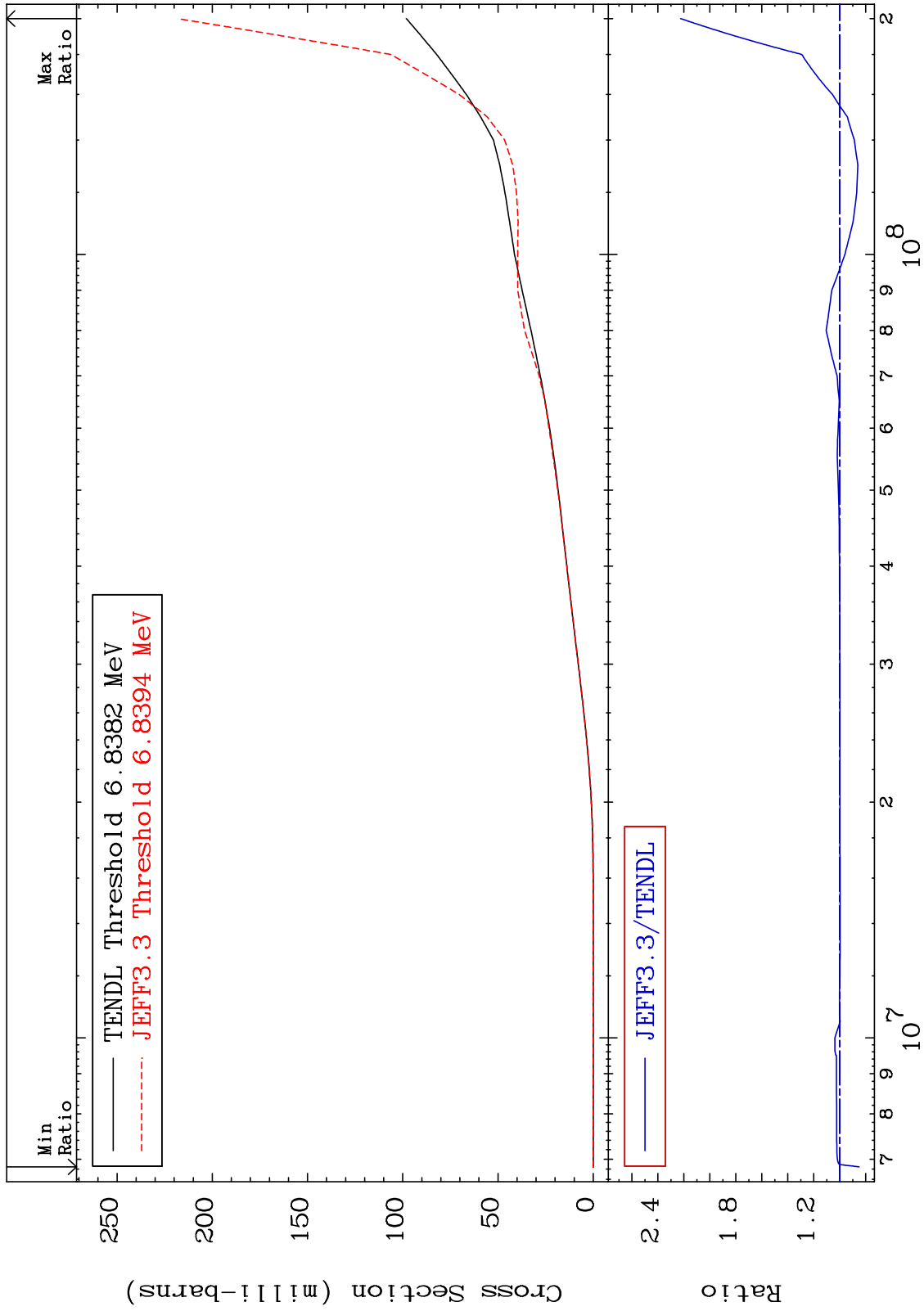
Incident Energy (eV)

68-Er-168

MAT 6843

Tritium Production
Cross Section

68-Er-168
-14.93 To 122.5 %



62

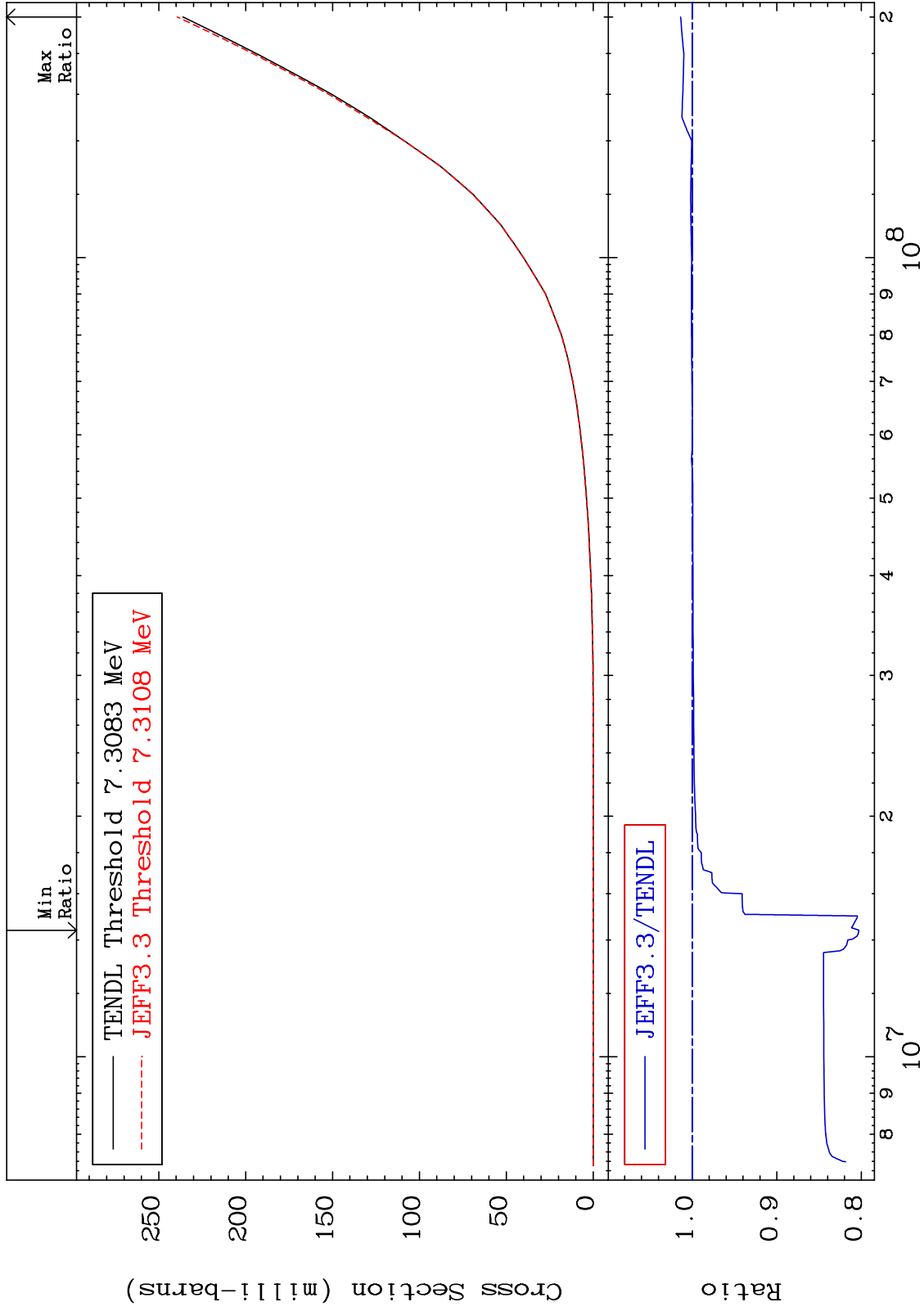
Incident Energy (eV)

68-Er-168

MAT 6843

He-3 Production
Cross Section

68-Er-168
-19.74 To 1.382 %



63

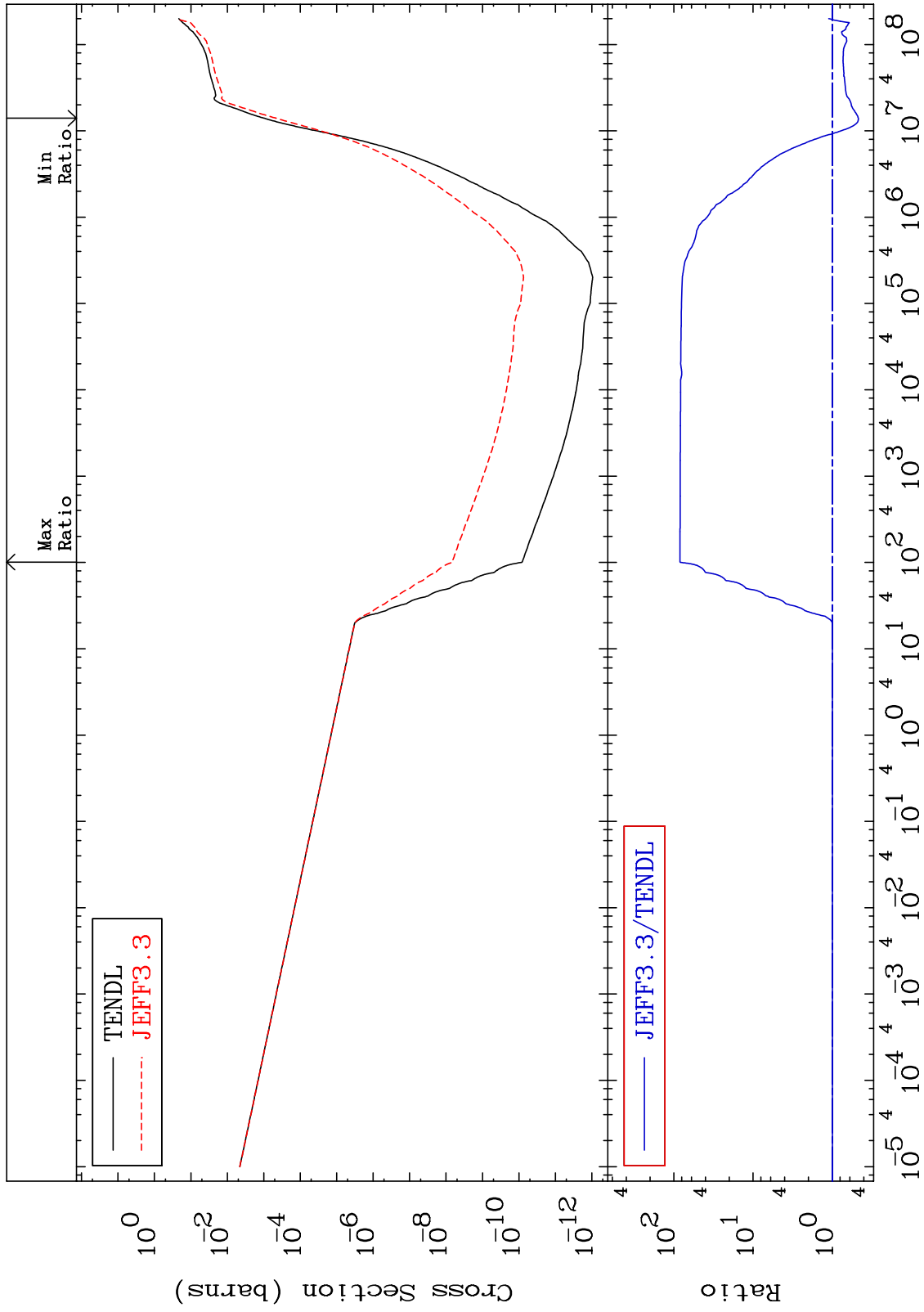
Incident Energy (eV)

68-Er-168

MAT 6843

He-4 Production
Cross Section

68-Er-168
-53.20 To 8276. %



64

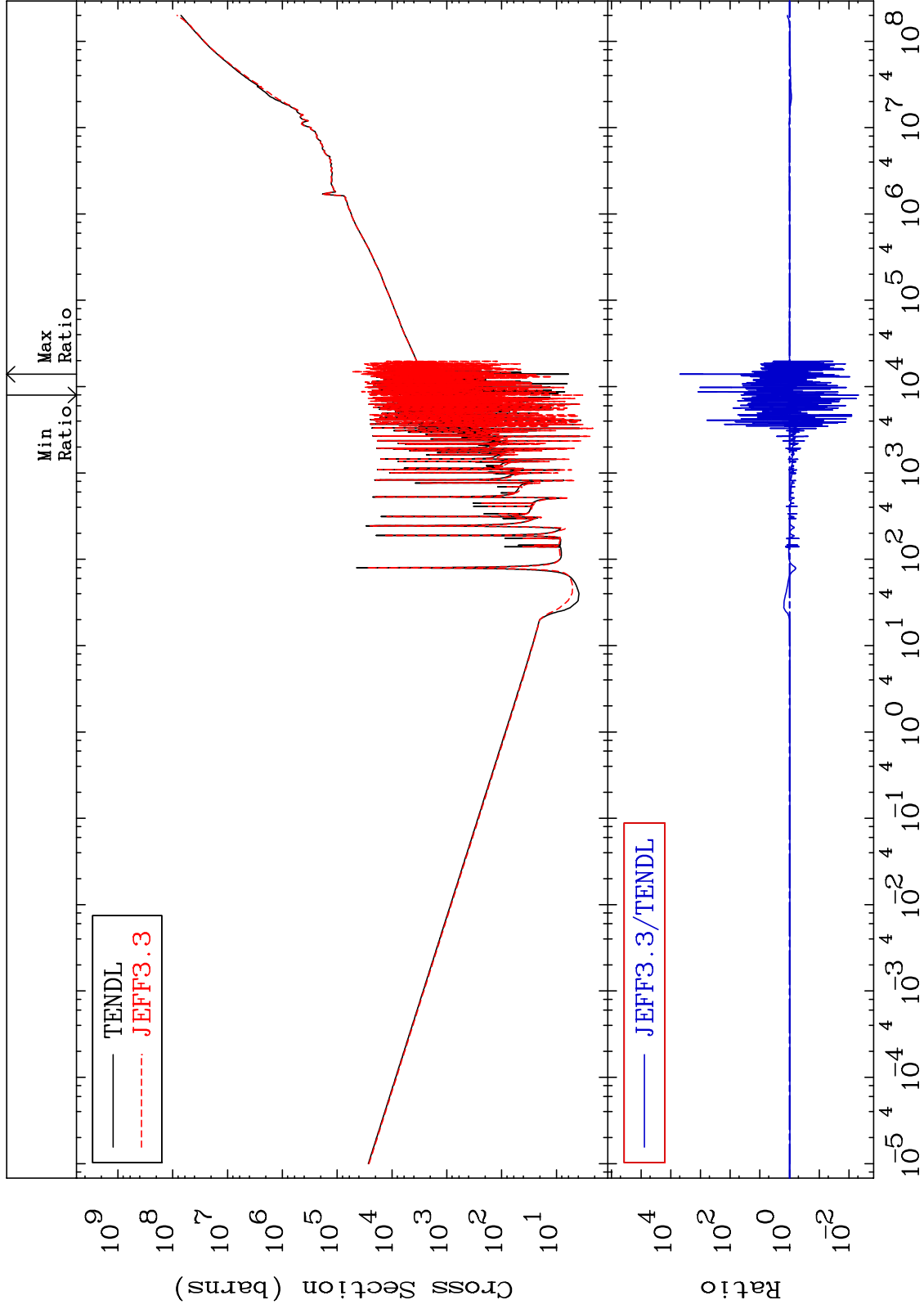
Incident Energy (eV)

68-Er-168

MAT 6843

Kerma total (eV-barns)
Cross Section

68-Er-168
-99.52 To 9999. %



65

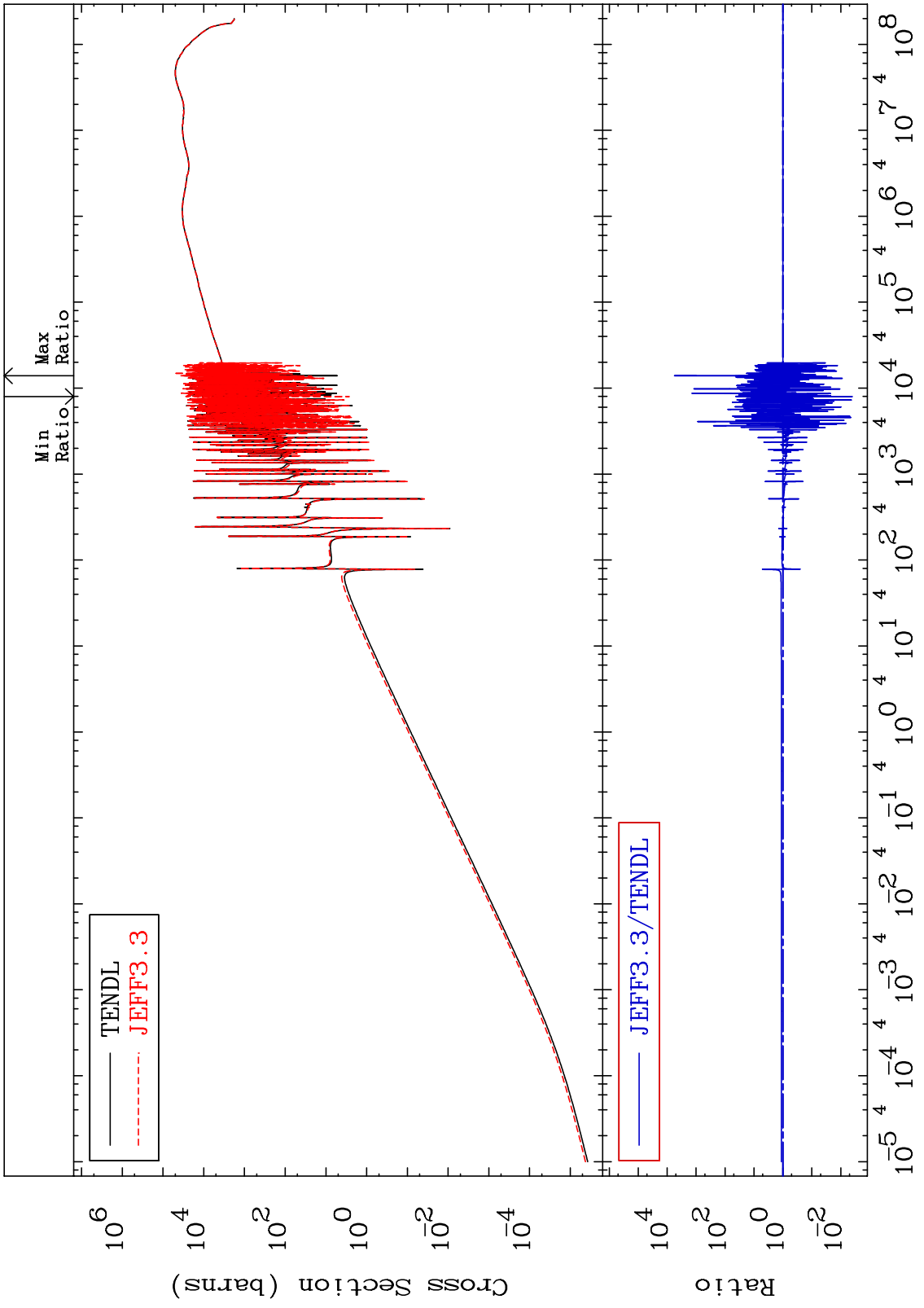
Incident Energy (eV)

68-Er-168

MAT 6843

Kerma elastic
Cross Section

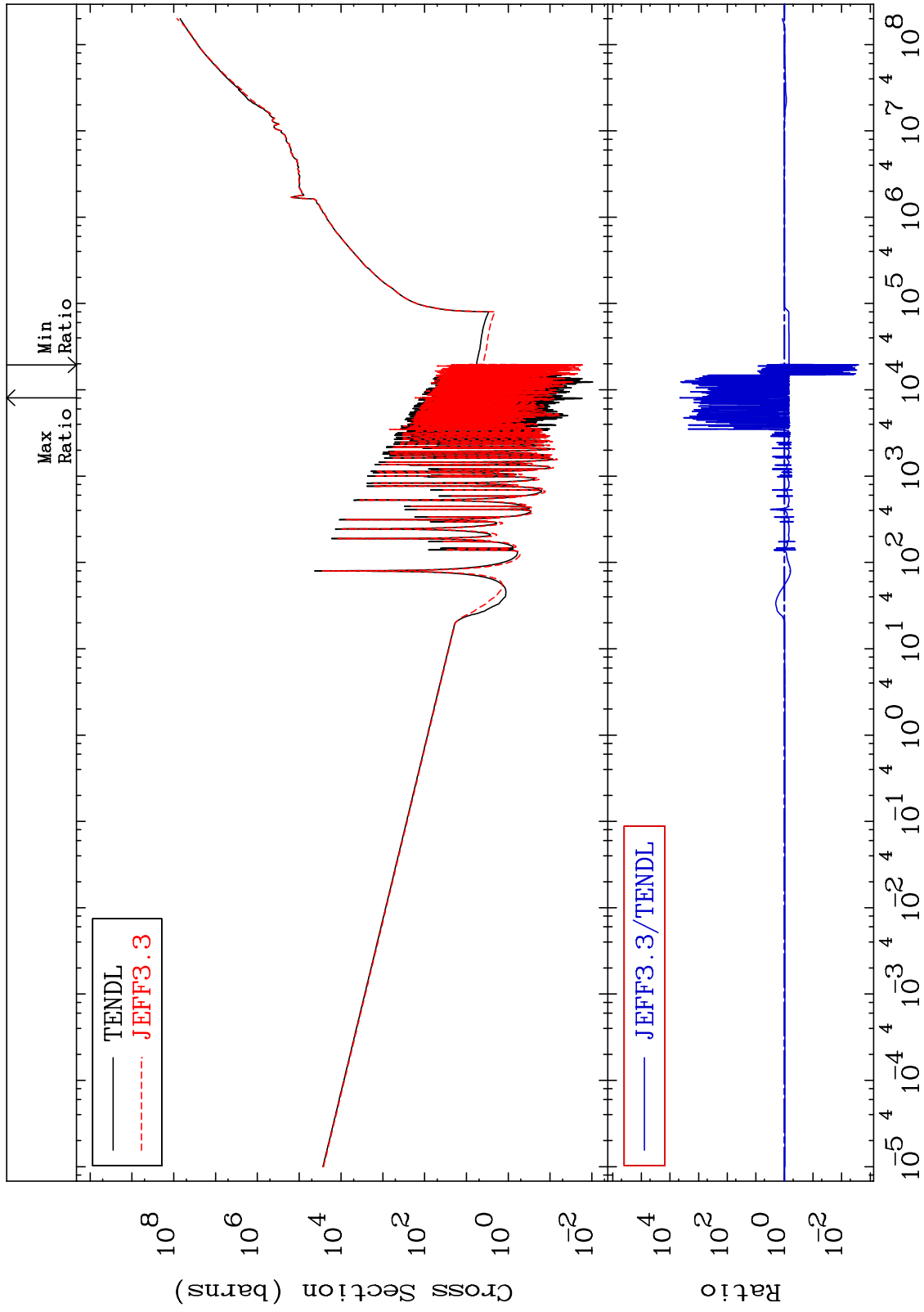
68-Er-168
-99.60 To 9999. %



MAT 6843

Kerma non-elastic (all but mt2)
Cross Section

68-Er-168
-99.74 To 9999. %



67

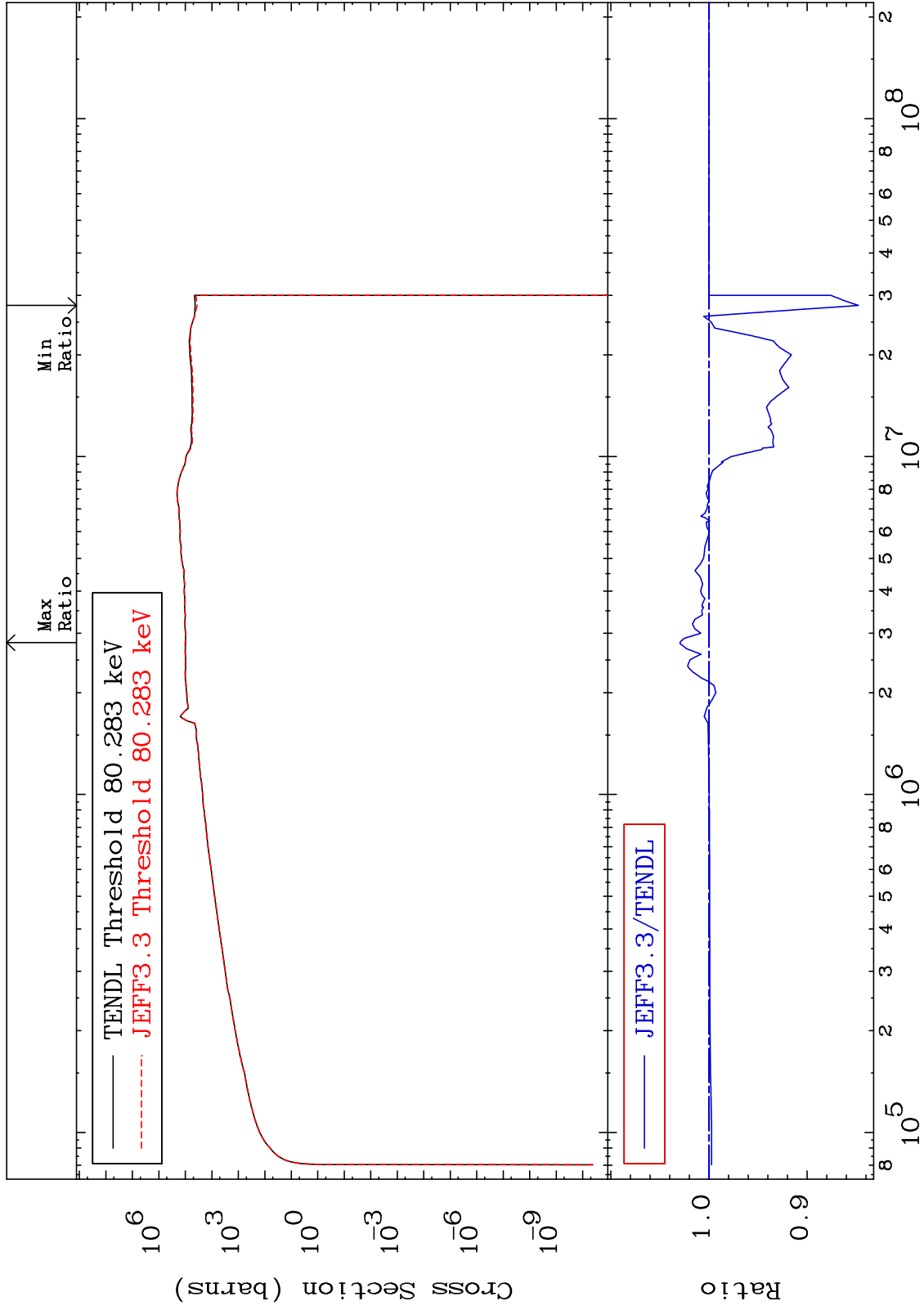
Incident Energy (eV)

68-Er-168

MAT 6843

Kerma inelastic (mt51-91)
Cross Section

68-Er-168
-15.22 To 2.950 %



68

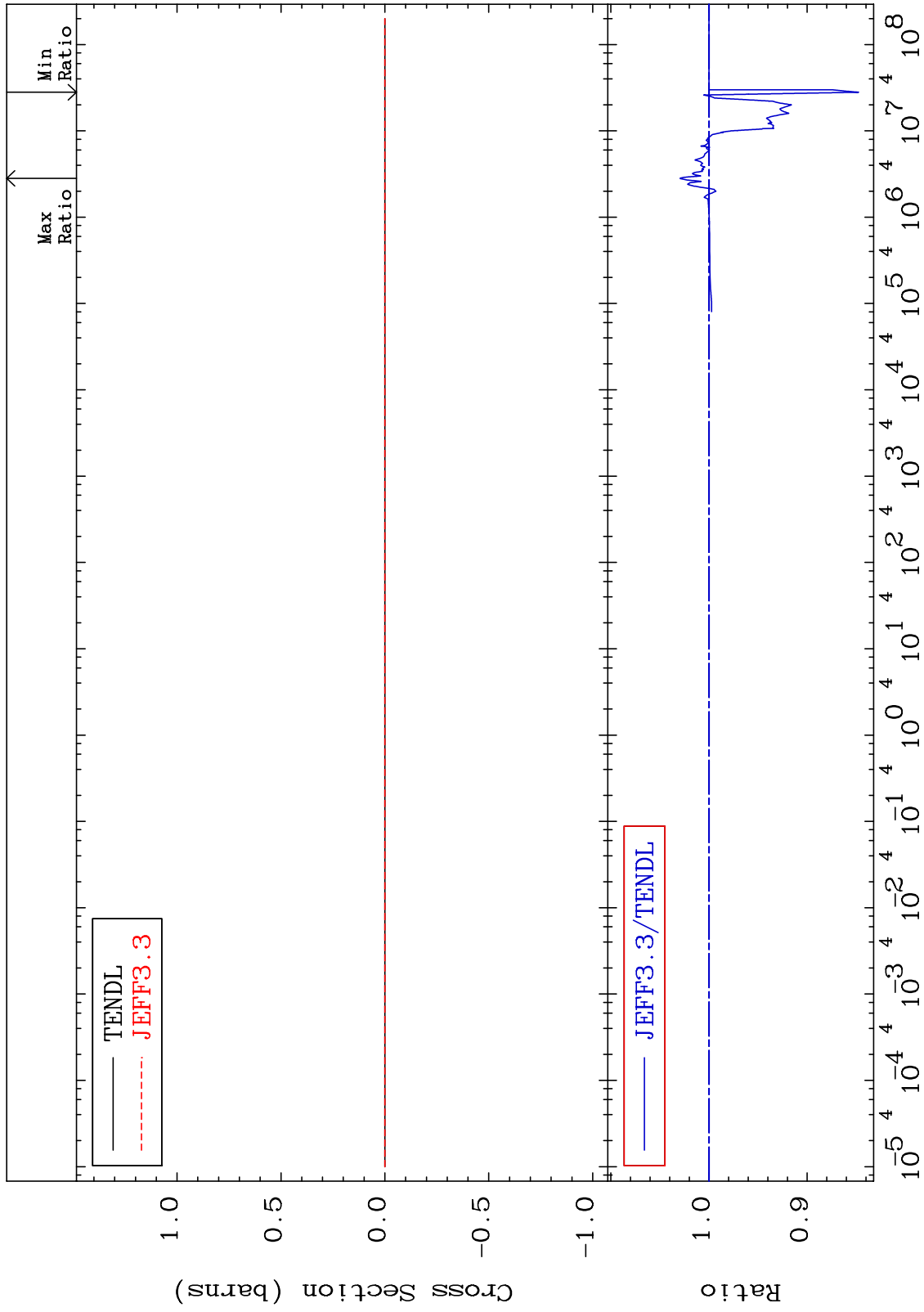
Incident Energy (eV)

68-Er-168

MAT 6843

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

68-Er-168
-15.22 To 2.950 %



69

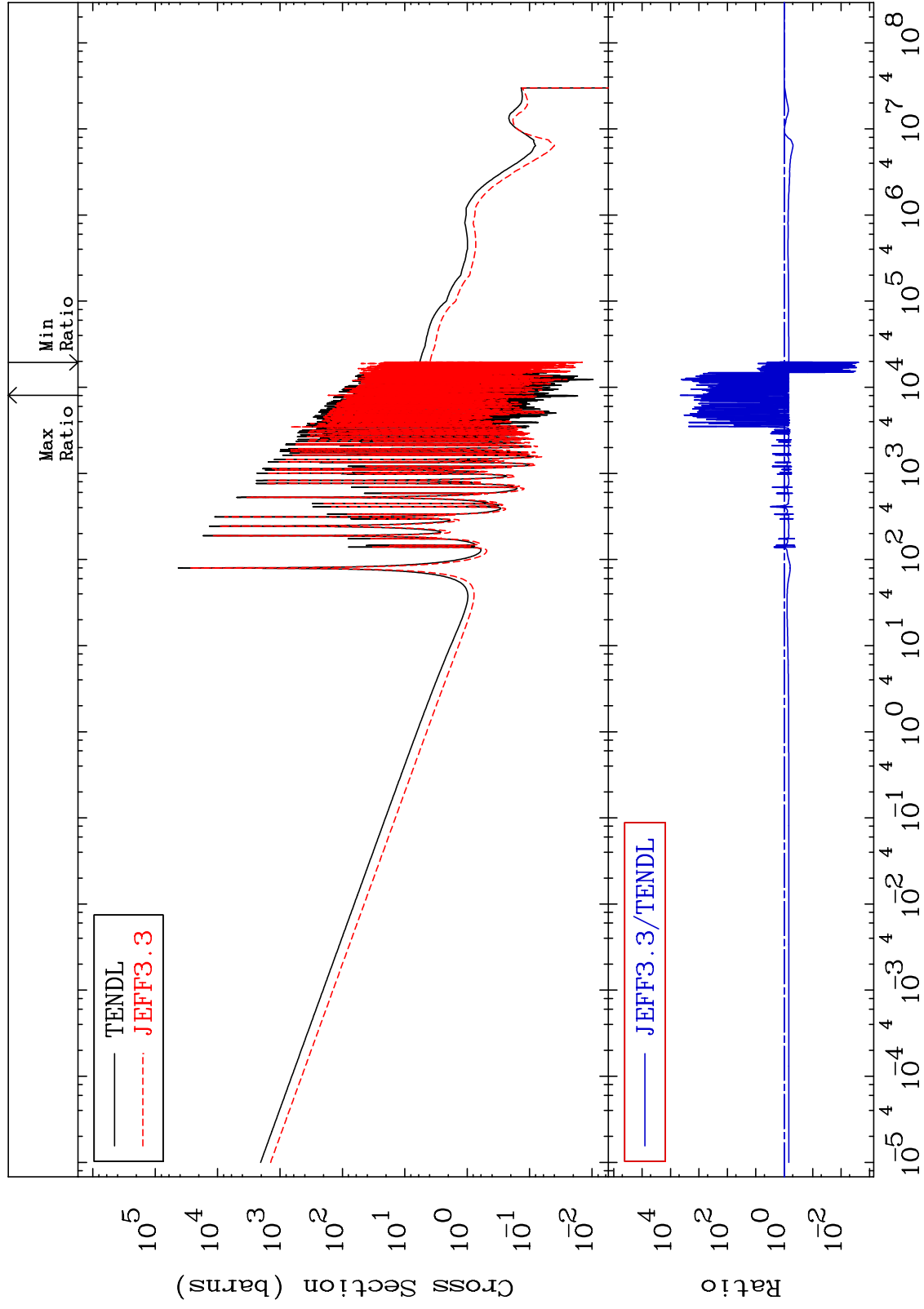
Incident Energy (eV)

68-Er-168

MAT 6843

Kerma capture (mt102)
Cross Section

68-Er-168
-99.76 To 9999. %



70

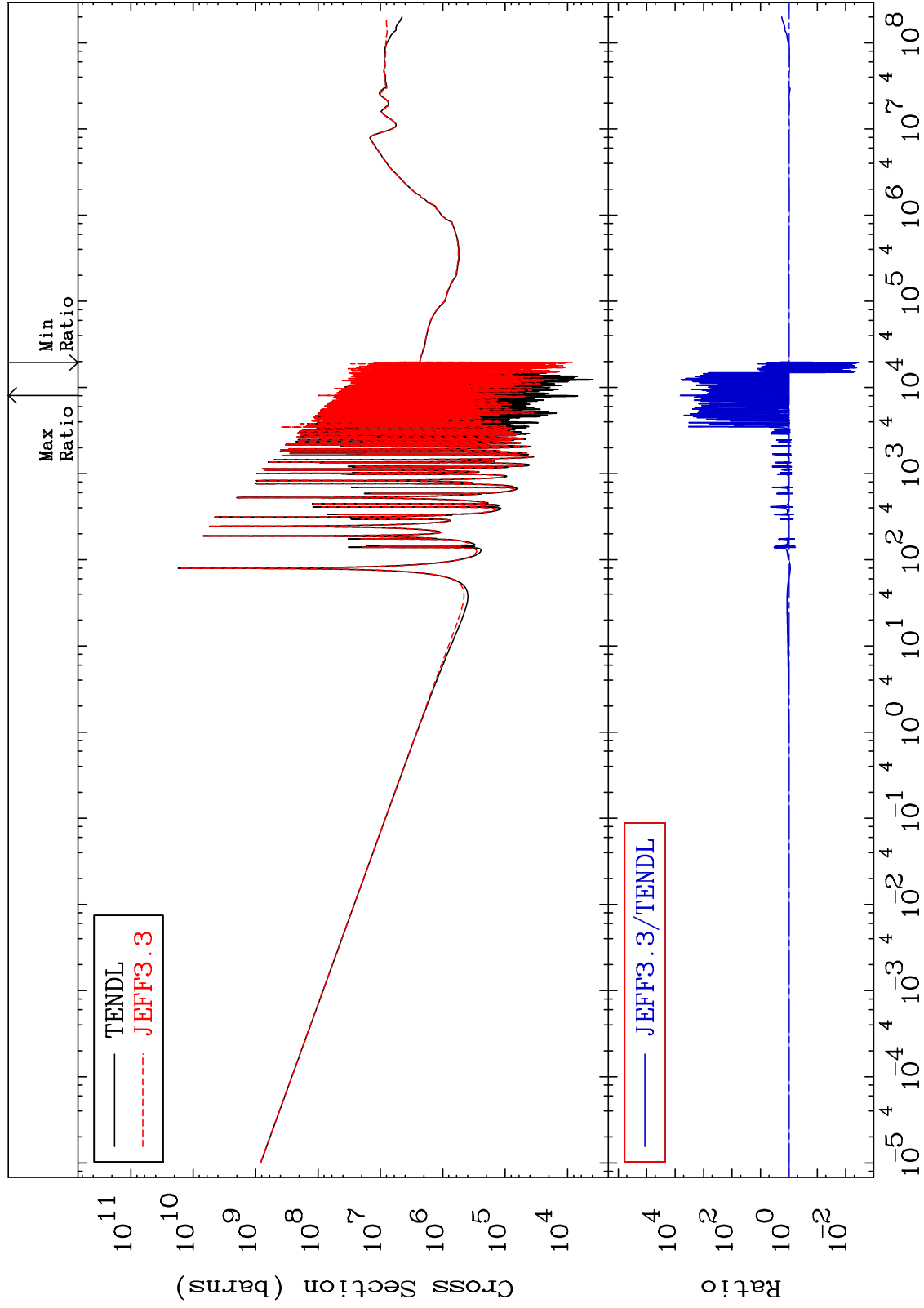
Incident Energy (eV)

68-Er-168

MAT 6843

Total photon (eV-barns)
Cross Section

68-Er-168
-99.65 To 9999. %



71

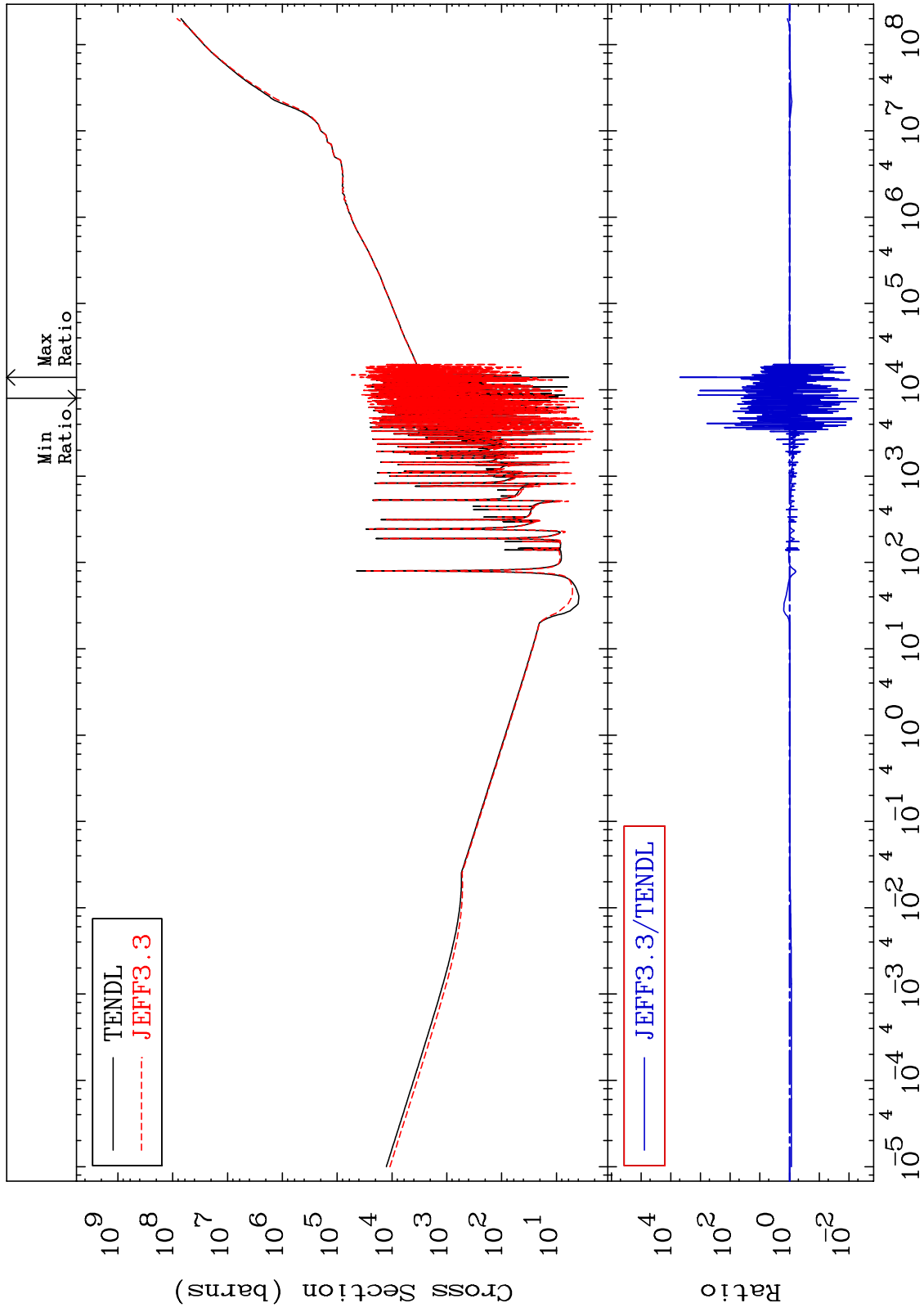
Incident Energy (eV)

68-Er-168

MAT 6843

Total kinematic kerma (high limit)
Cross Section

68-Er-168
-99.52 To 9999. %



72

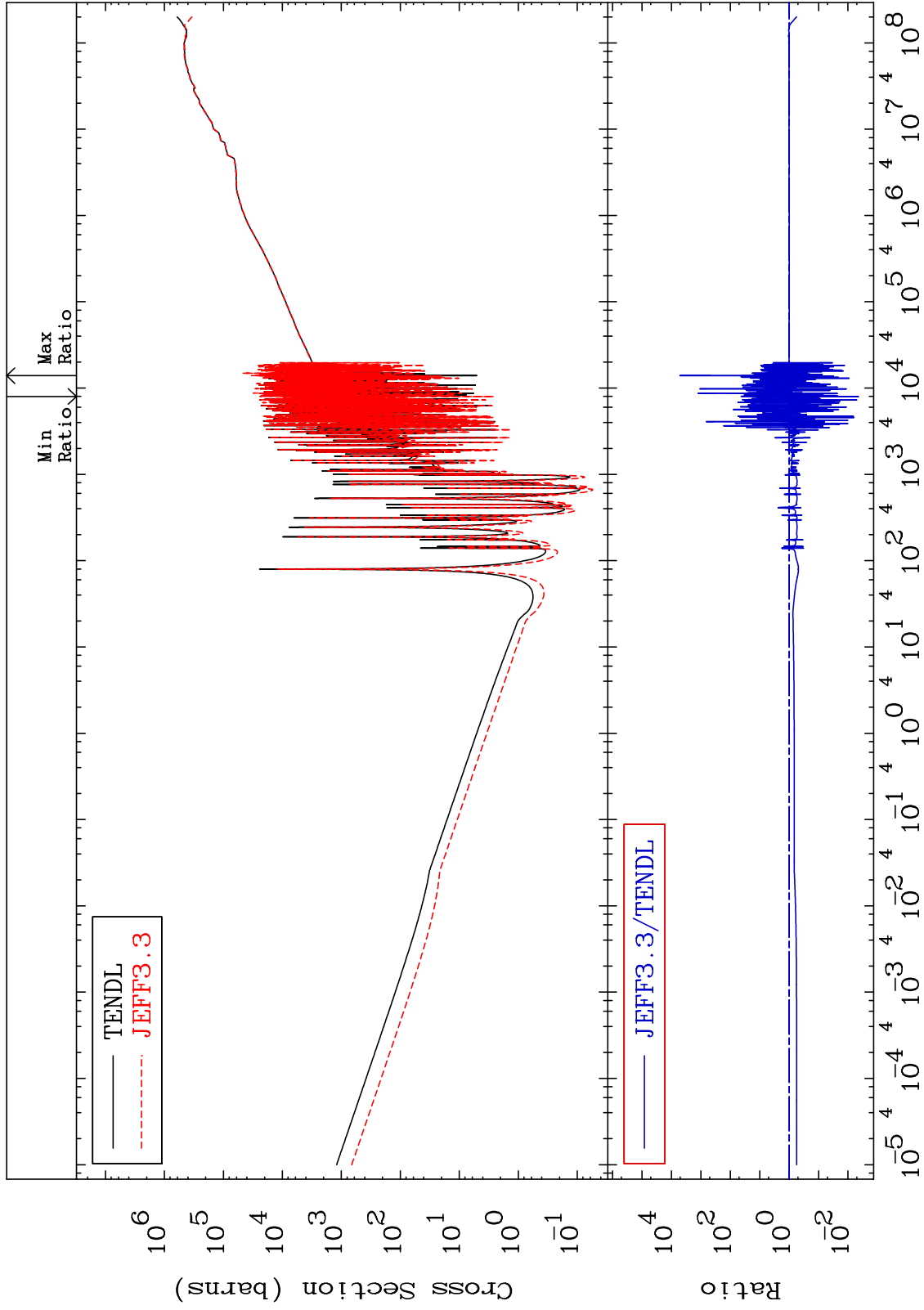
Incident Energy (eV)

68-Er-168

MAT 6843

Dpa total (eV-barns)
Cross Section

68-Er-168
-99.56 To 9999. %



73

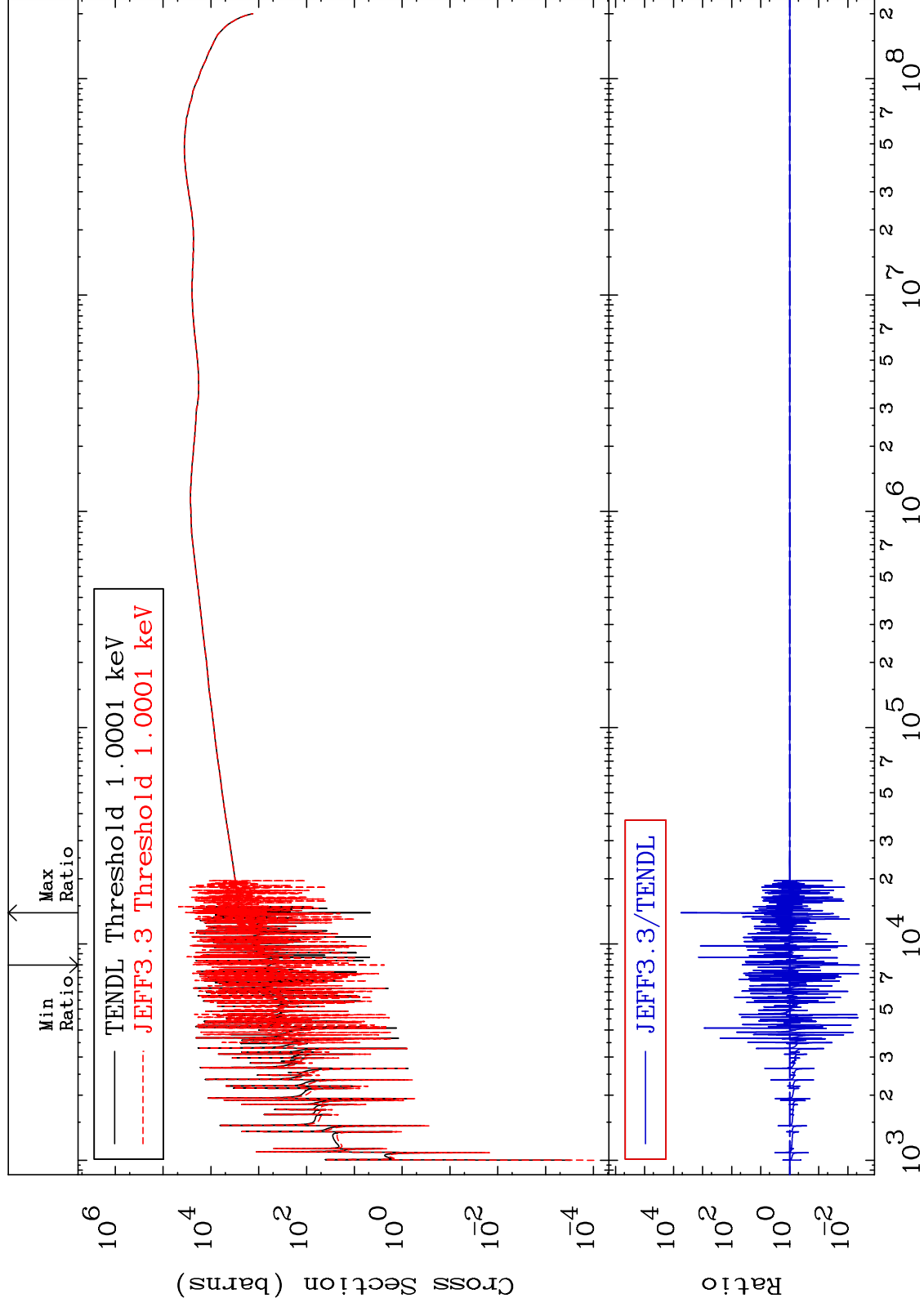
Incident Energy (eV)

68-Er-168

MAT 6843

Dpa elastic (mt2)
Cross Section

68-Er-168
-99.60 To 9999. %



74

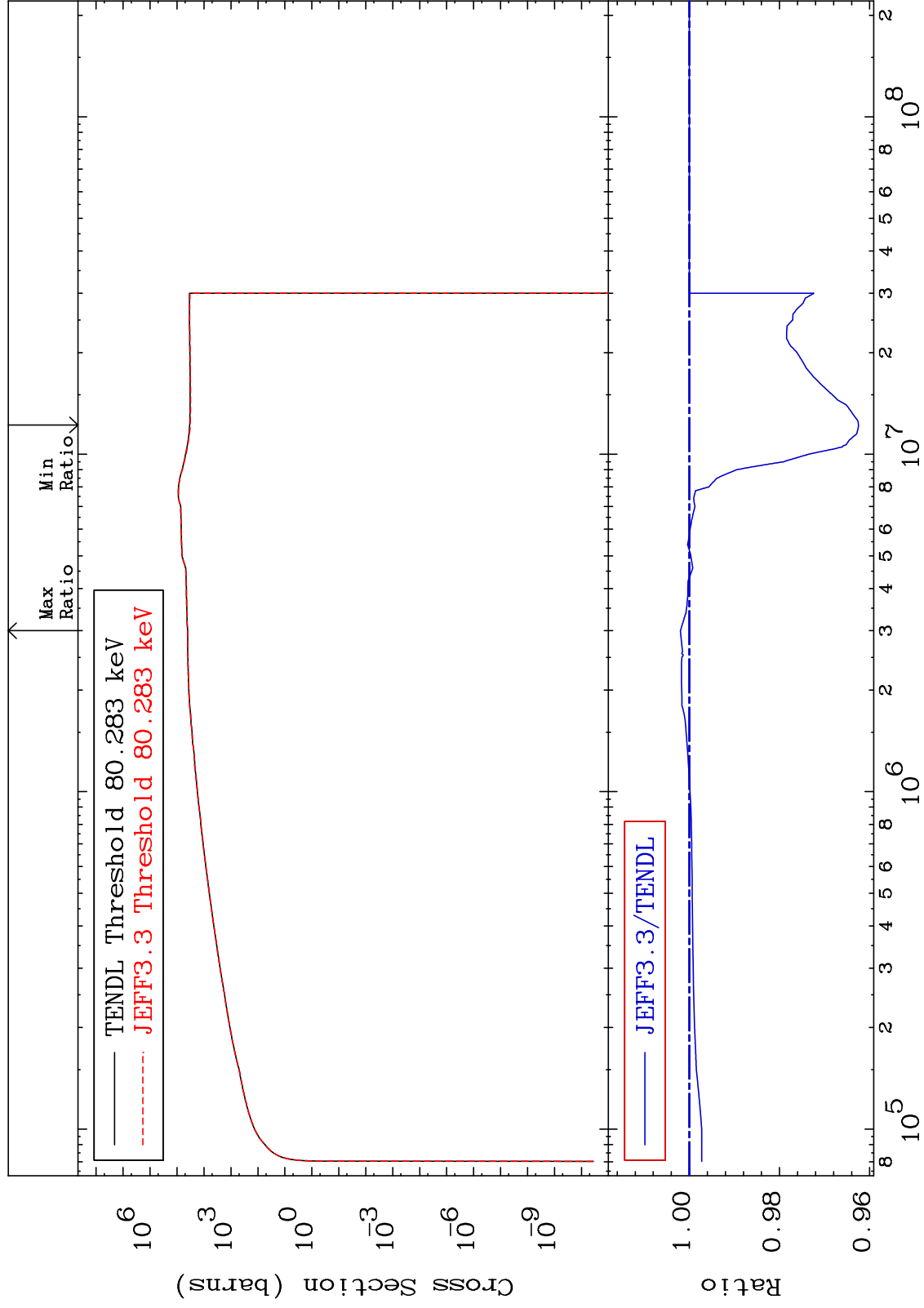
Incident Energy (eV)

68-Er-168

MAT 6843

Dpa inelastic (mt51-91)
Cross Section

68-Er-168
-3.752 To 0.197 %



75

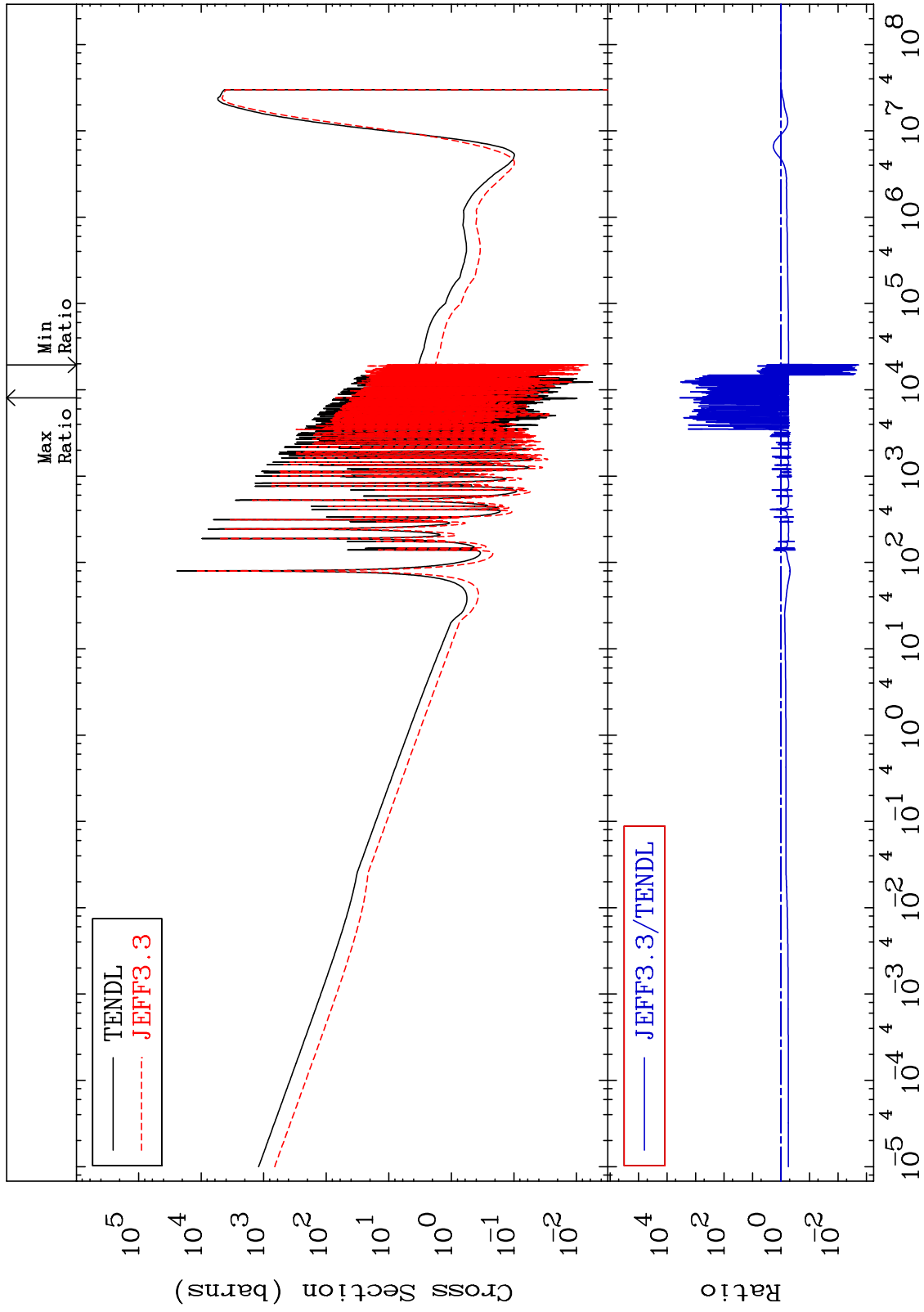
Incident Energy (eV)

68-Er-168

MAT 6843

Dpa disappearance (mt102 -120)
Cross Section

68-Er-168
-99.81 To 9999. %



76

Incident Energy (eV)

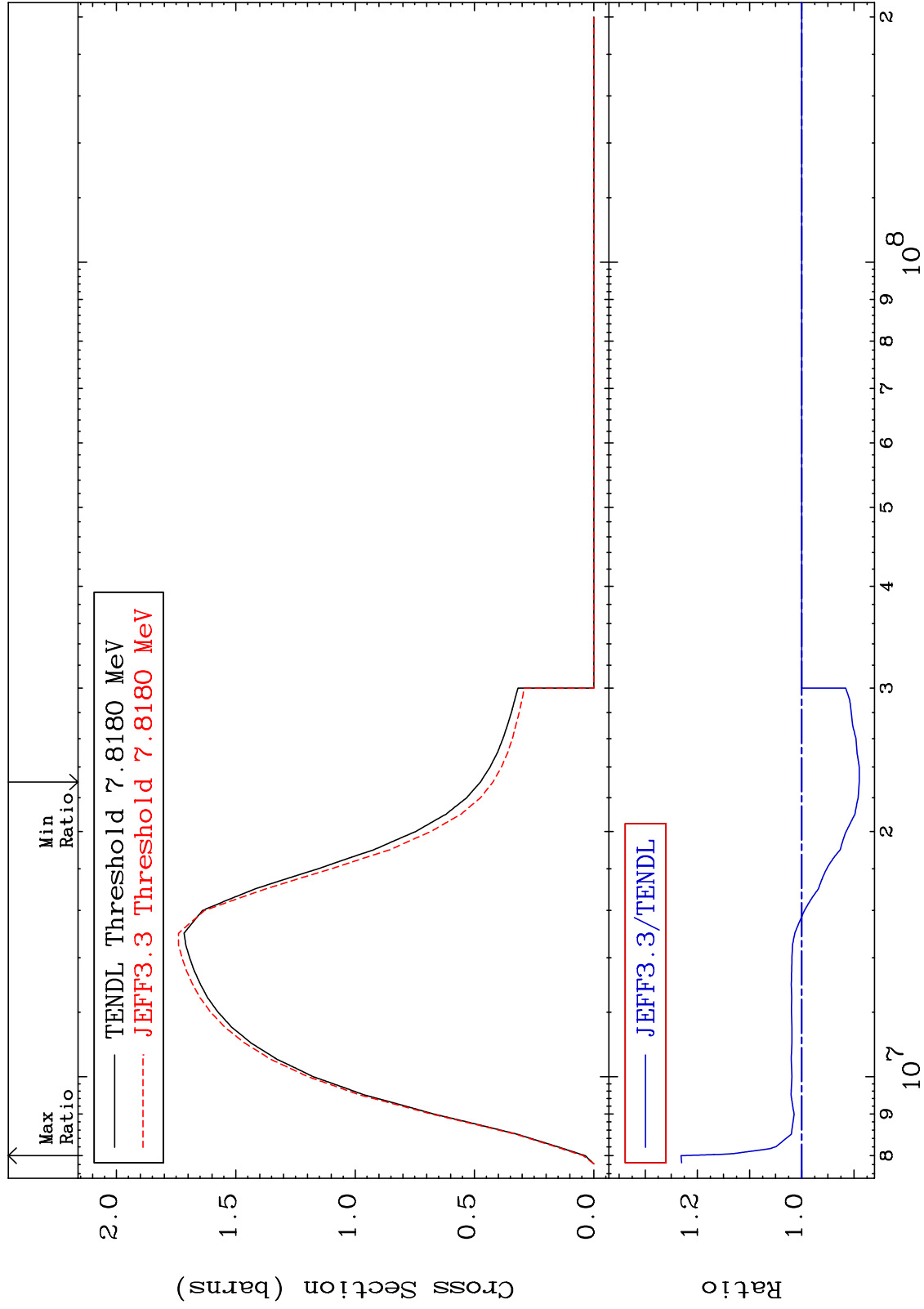
68-Er-168

MAT 6843

(n,2n):68-Er-167g

68-Er-168

Radionuclide Production Cross Section -11.02 To 23.12 %



77

Incident Energy (eV)

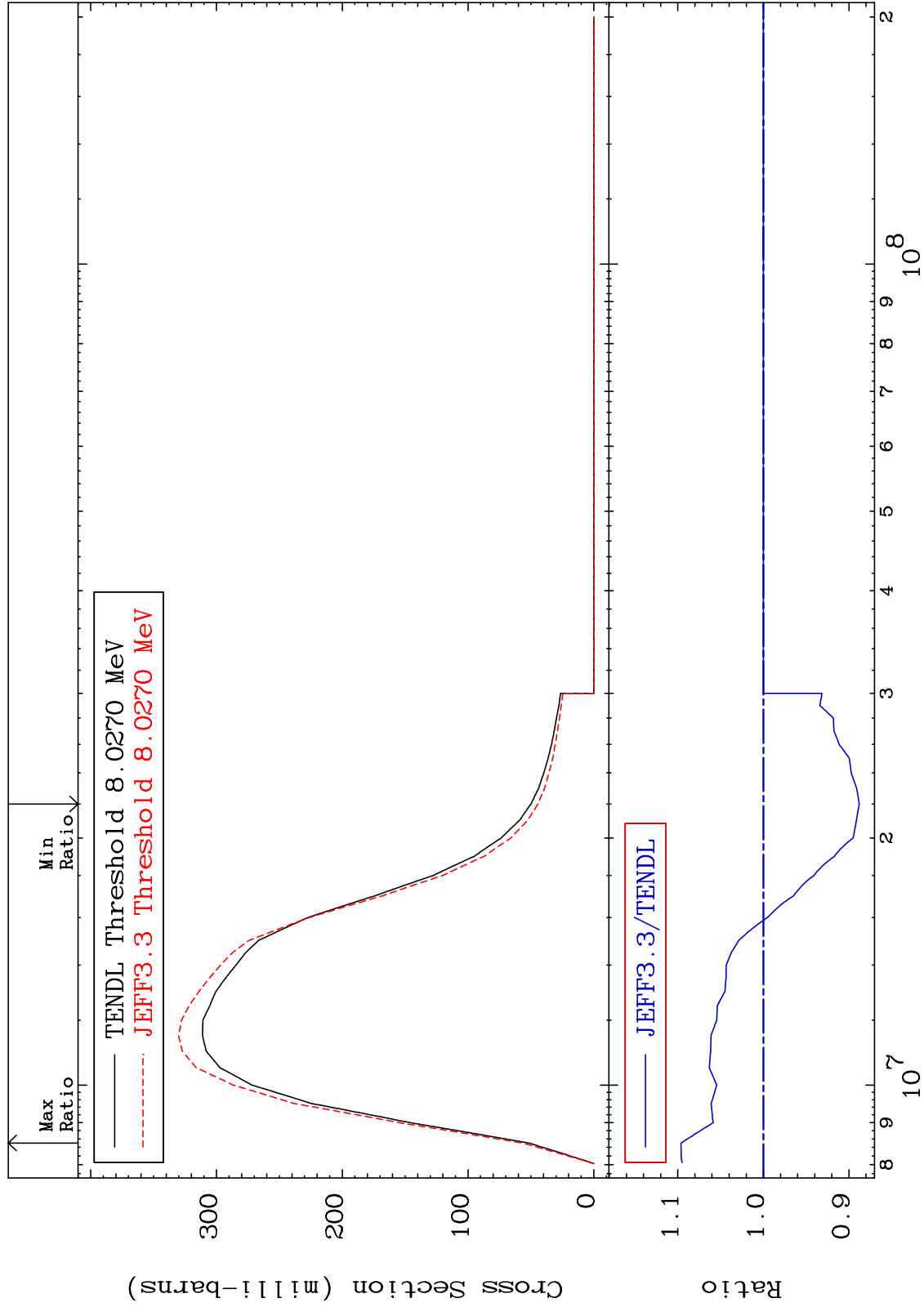
68-Er-168

MAT 6843

(n,2n): 68-Er-167m3

68-Er-168

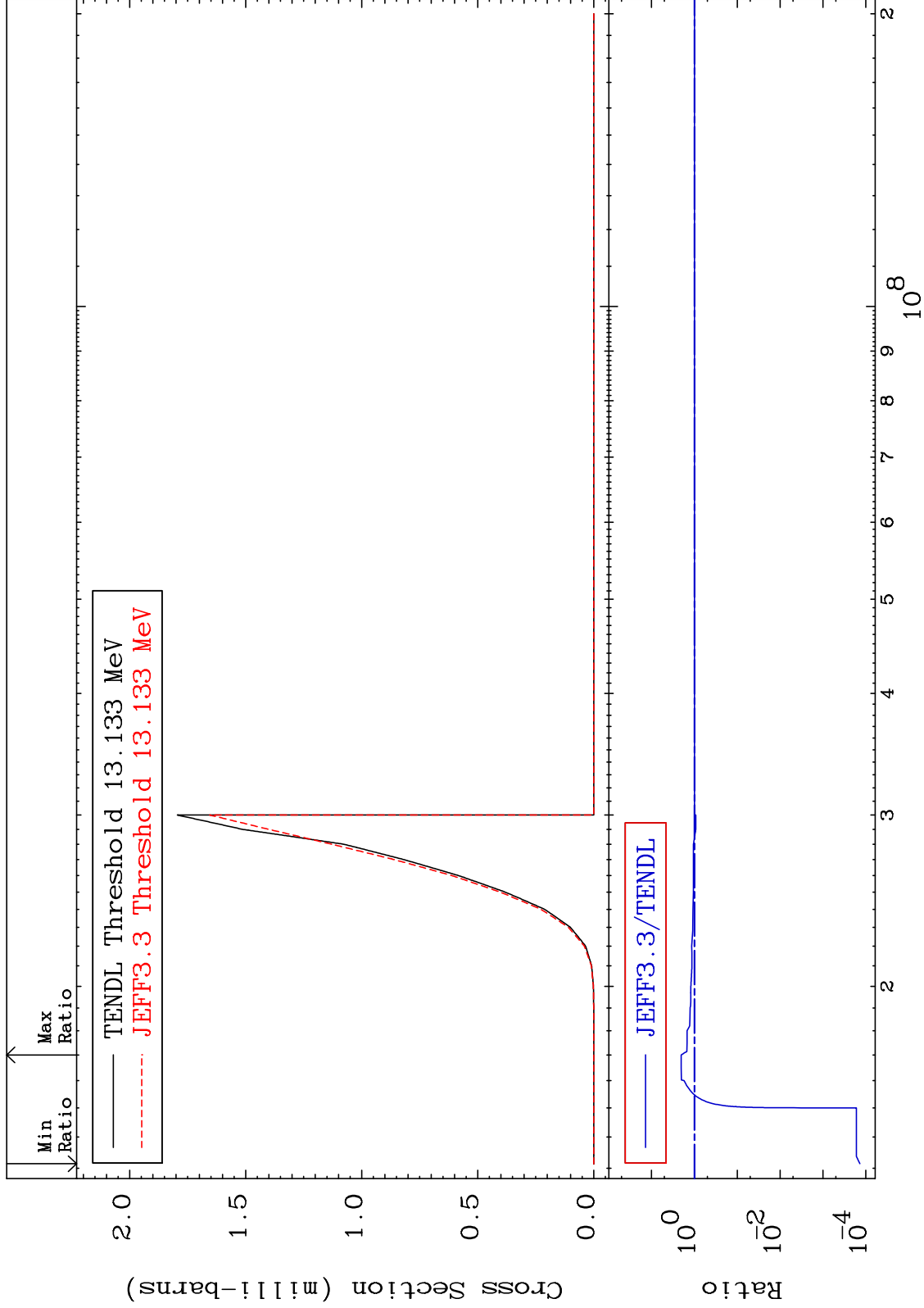
Radionuclide Production Cross Section -11.20 To 9.619 %

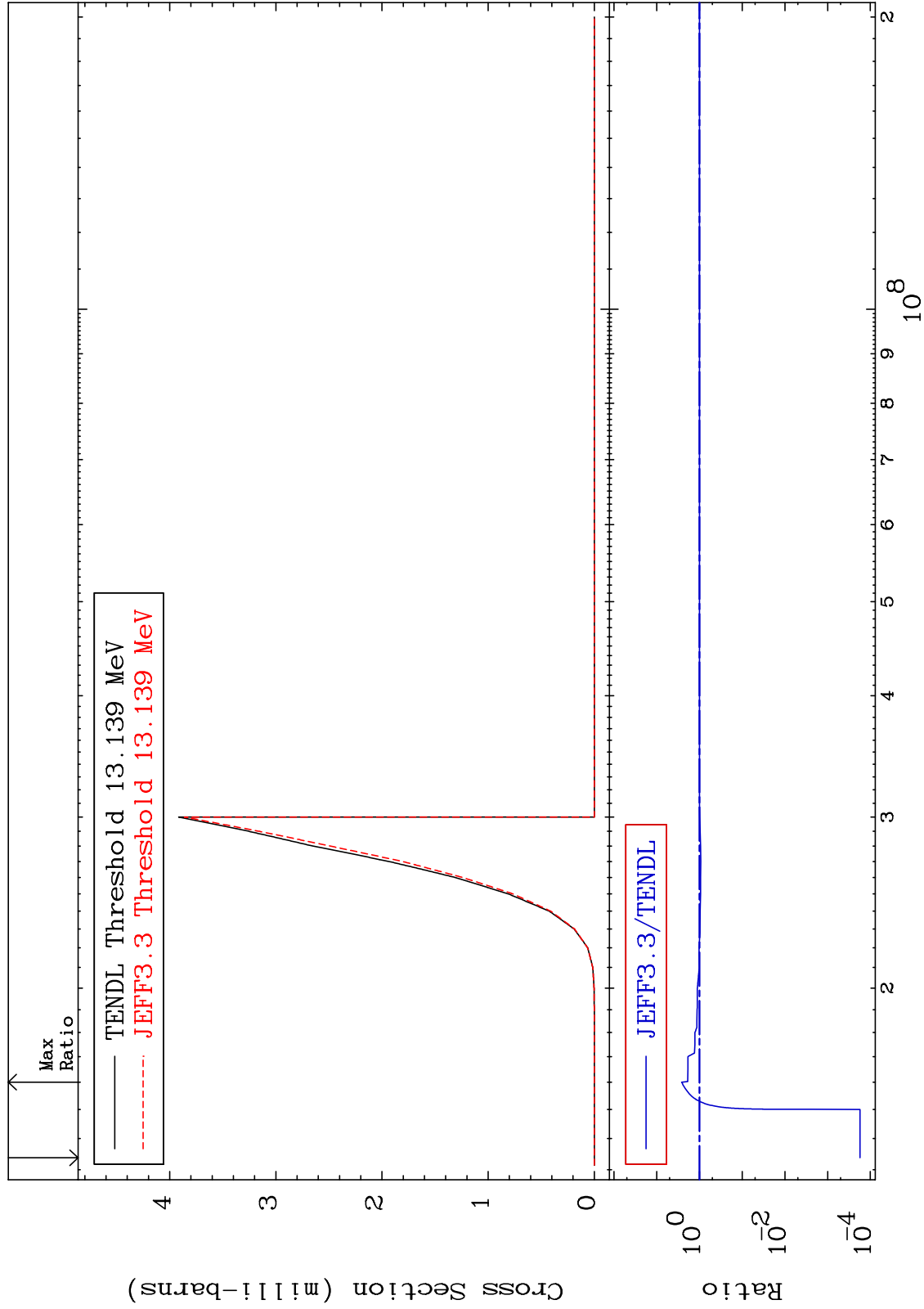


78

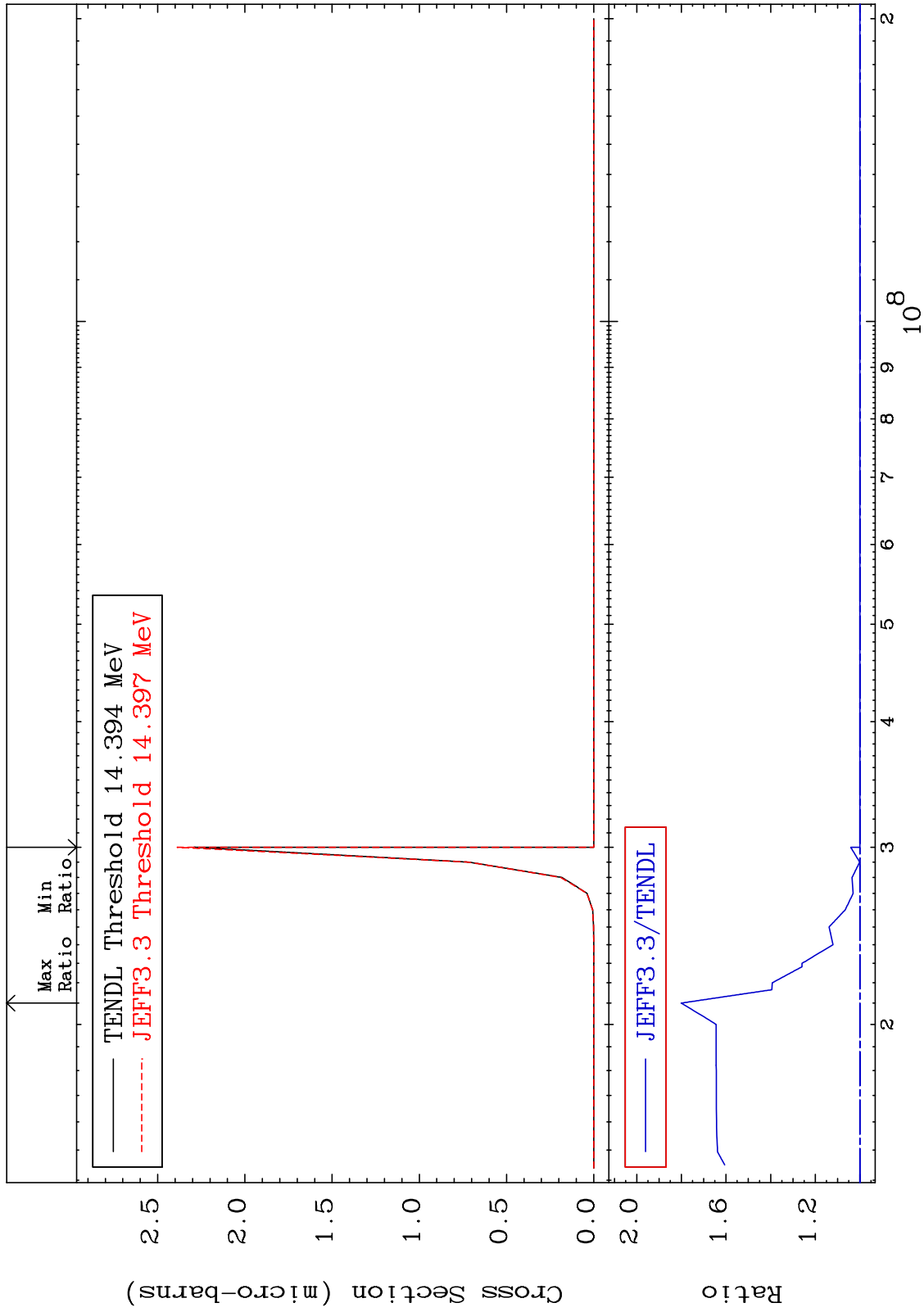
Incident Energy (eV)

68-Er-168





Radionuclide Production Cross Section 0.000 To 80.07 %

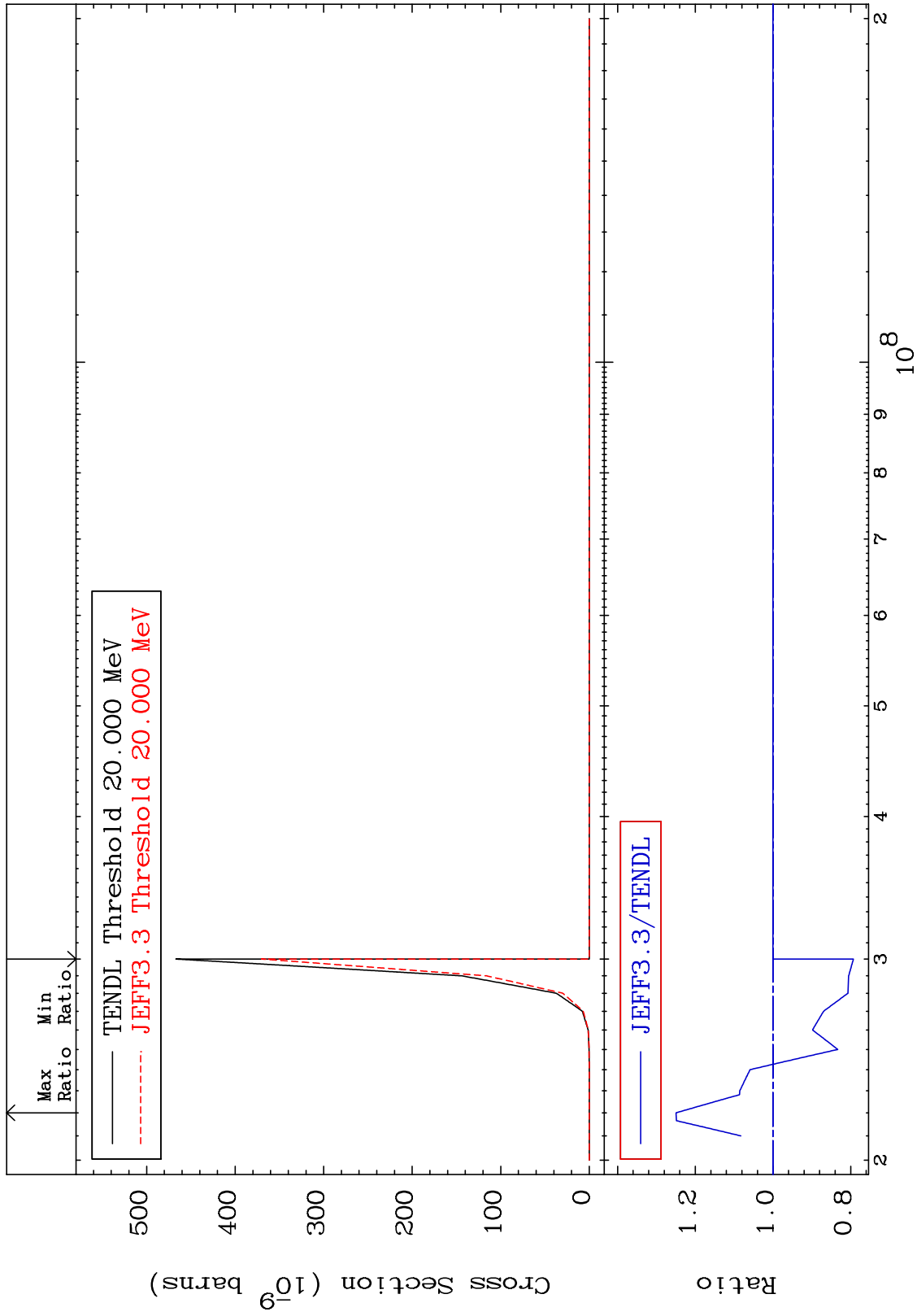


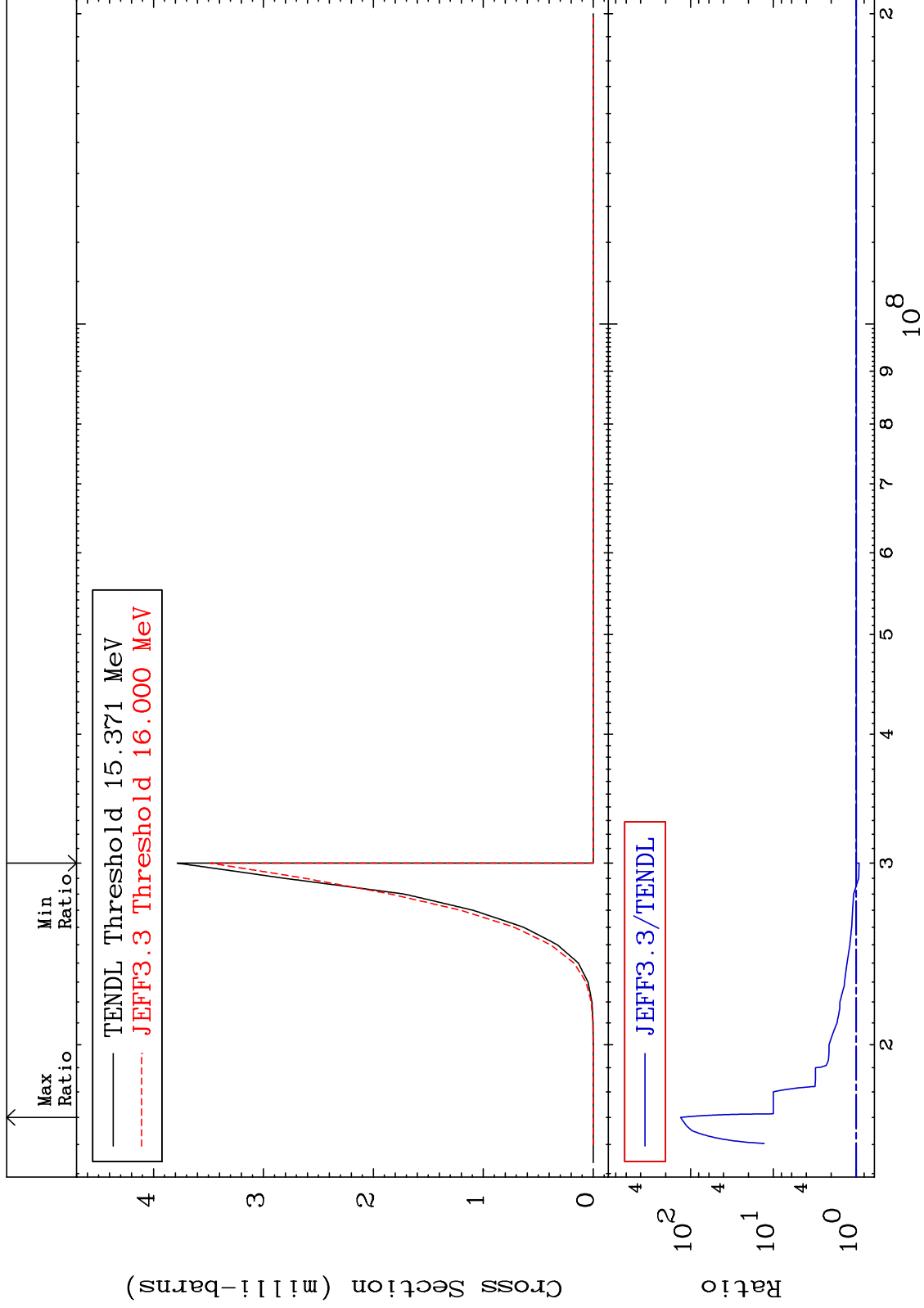
MAT 6843

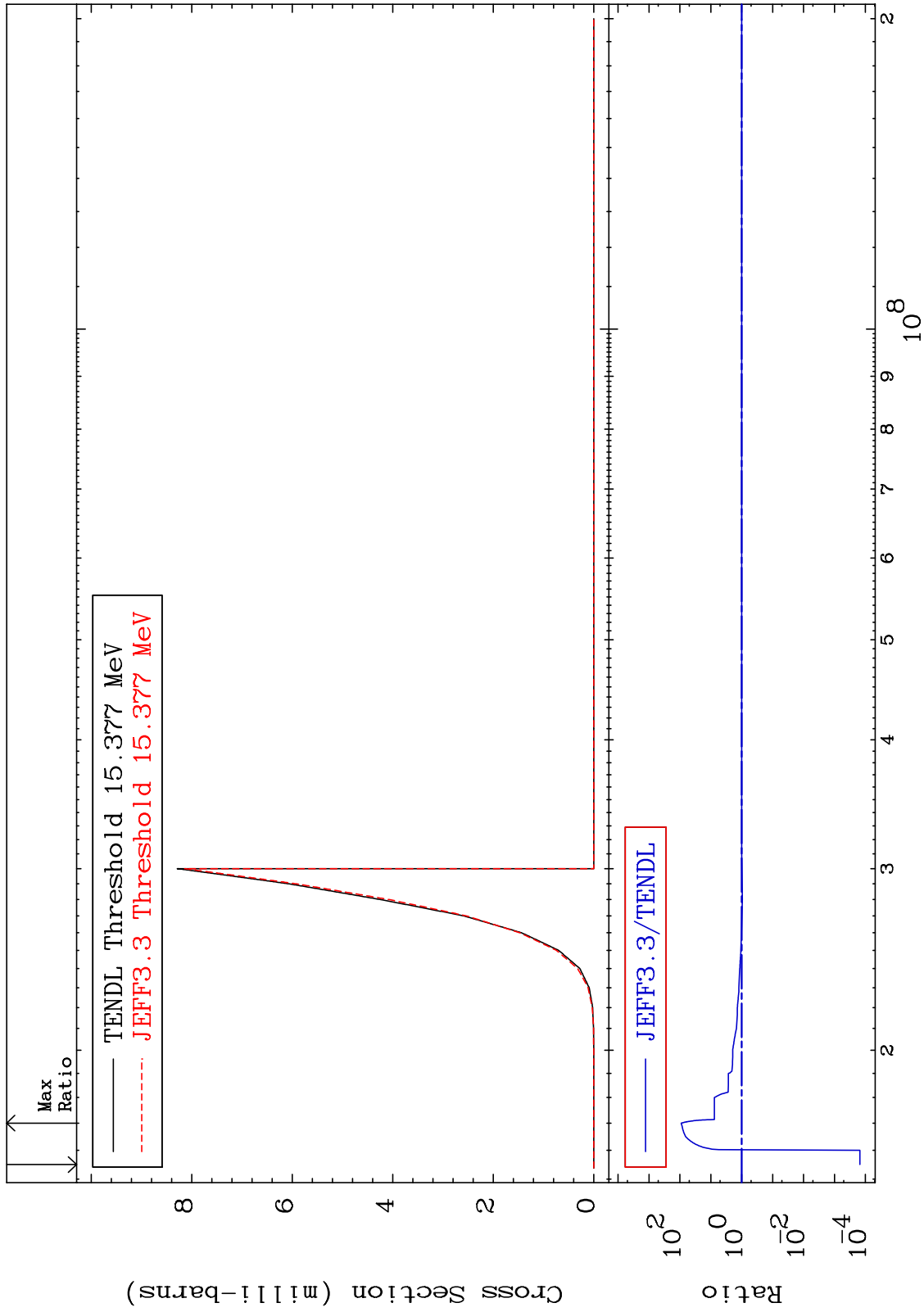
(n, n') He-3:66-Dy-165m2

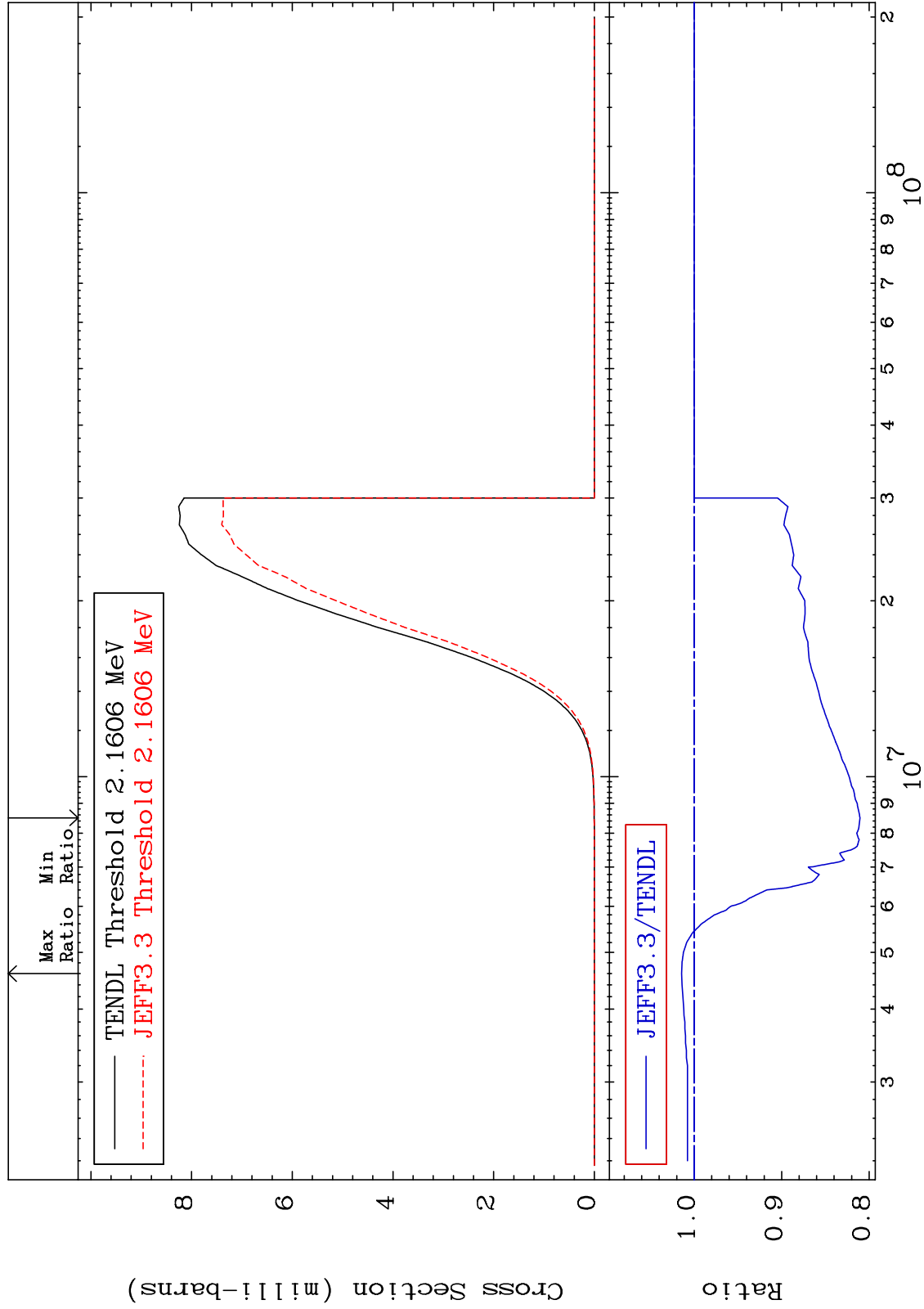
68-Er-168

Radionuclide Production Cross Section -20.70 To 24.94 %







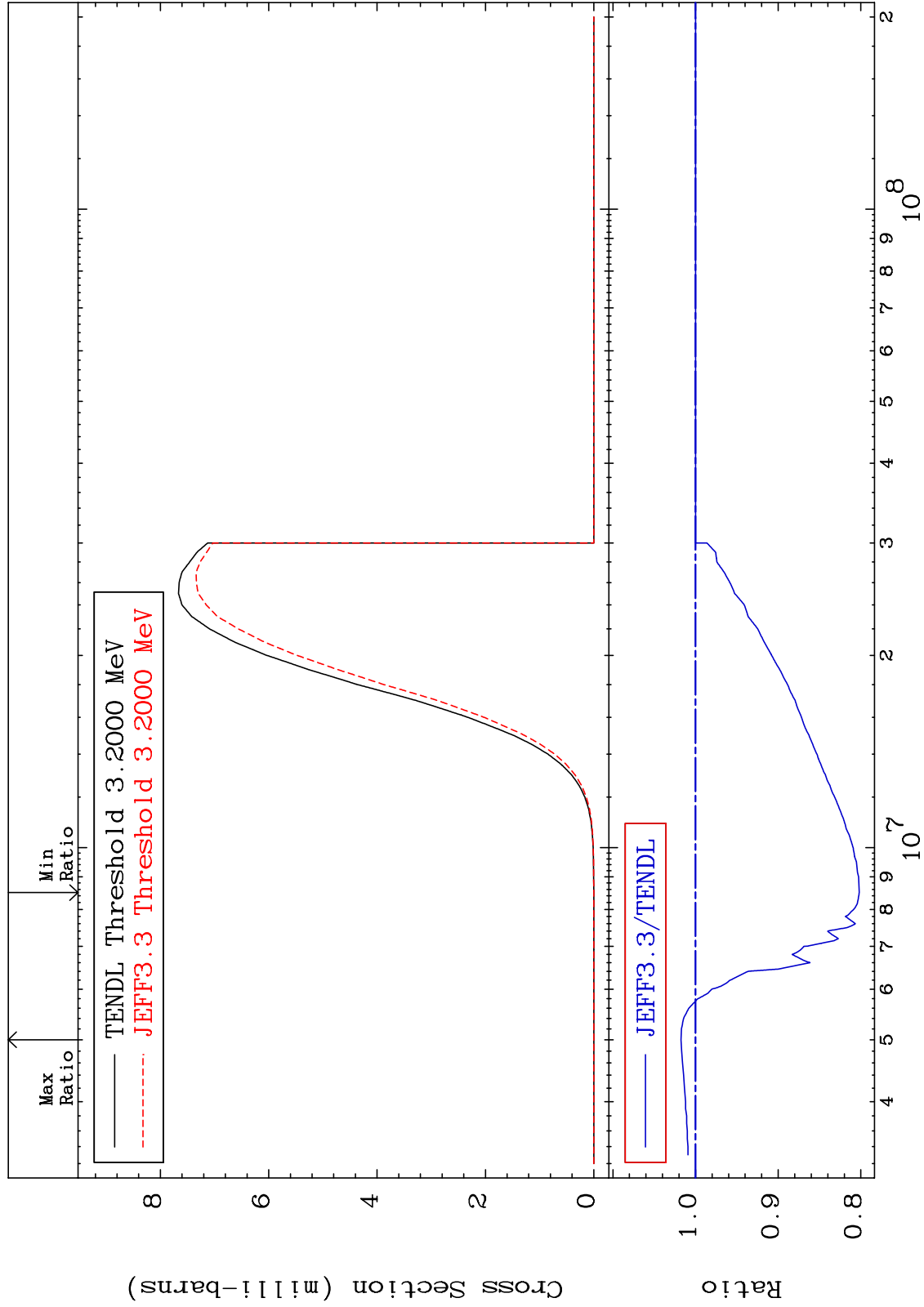


MAT 6843

(n, p) : 67-Ho-168m1

68-Er-168

Radionuclide Production Cross Section -19.81 To 1.755 %

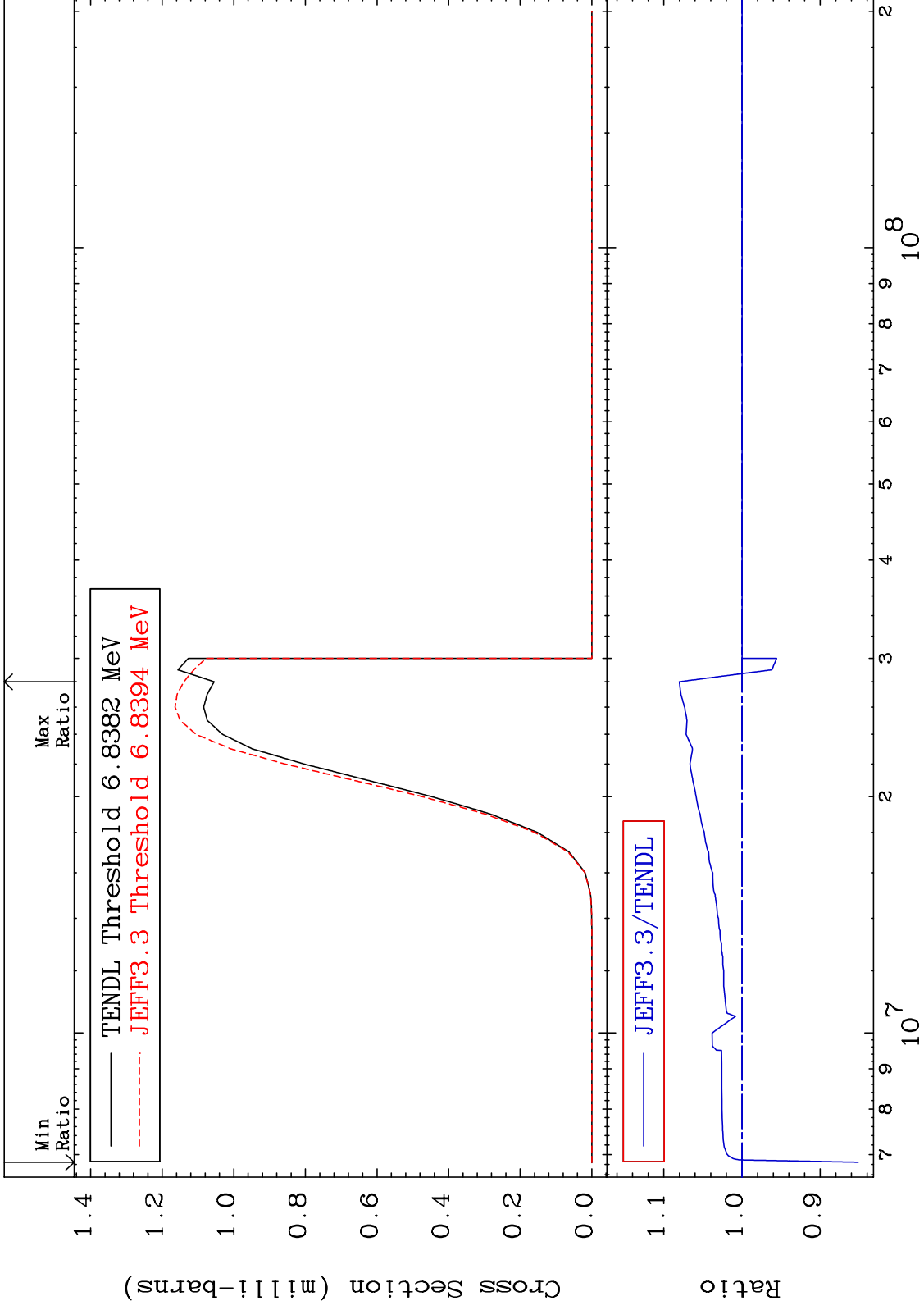


MAT 6843

(n, t): 67-Ho-166g

68-Er-168

Radionuclide Production Cross Section -14.86 To 8.017 %



87

Incident Energy (eV)

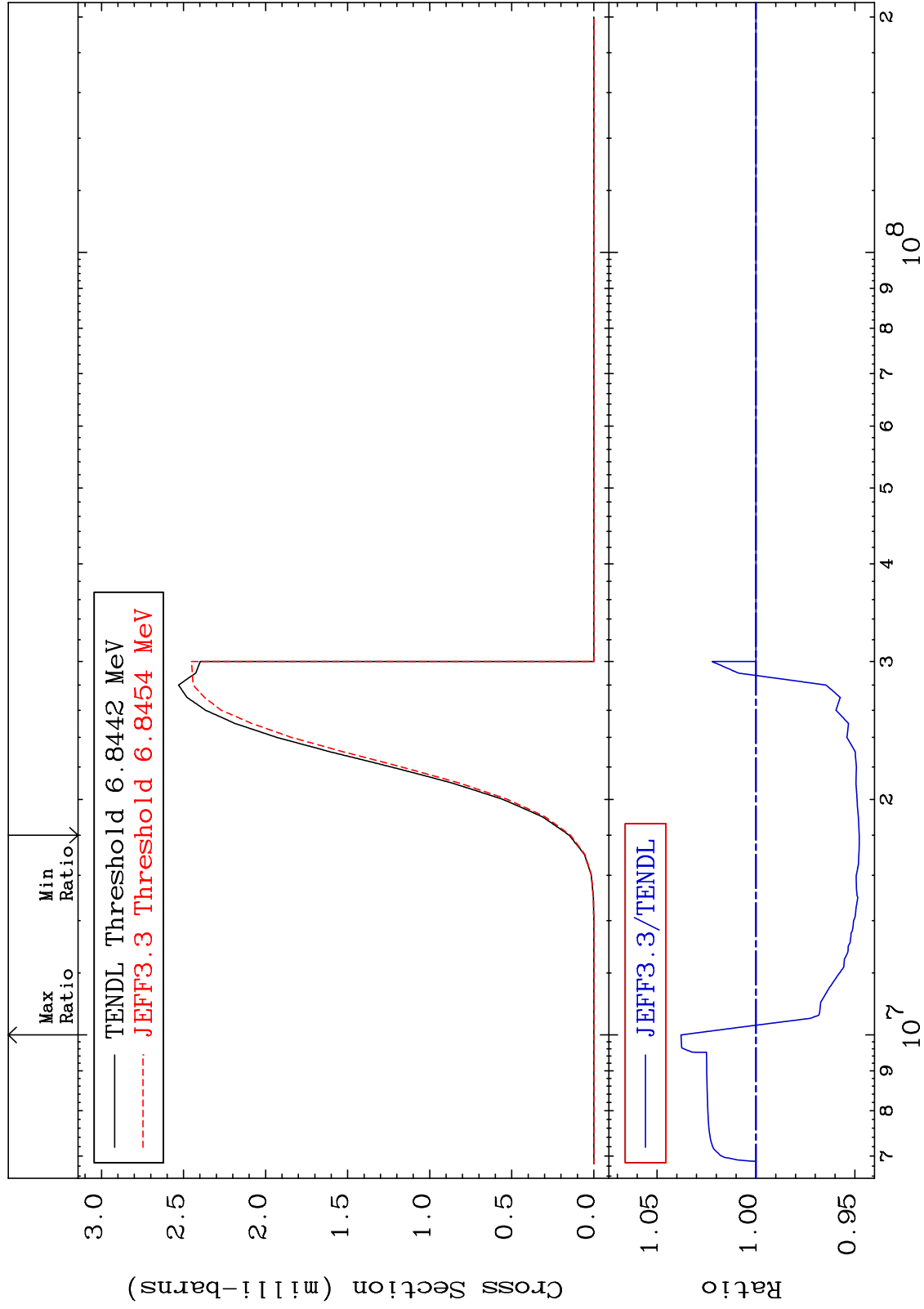
68-Er-168

MAT 6843

(n, t) : 67-Ho-166m1

68-Er-168

Radionuclide Production Cross Section -5.222 To 3.782 %



88

Incident Energy (eV)

68-Er-168