

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

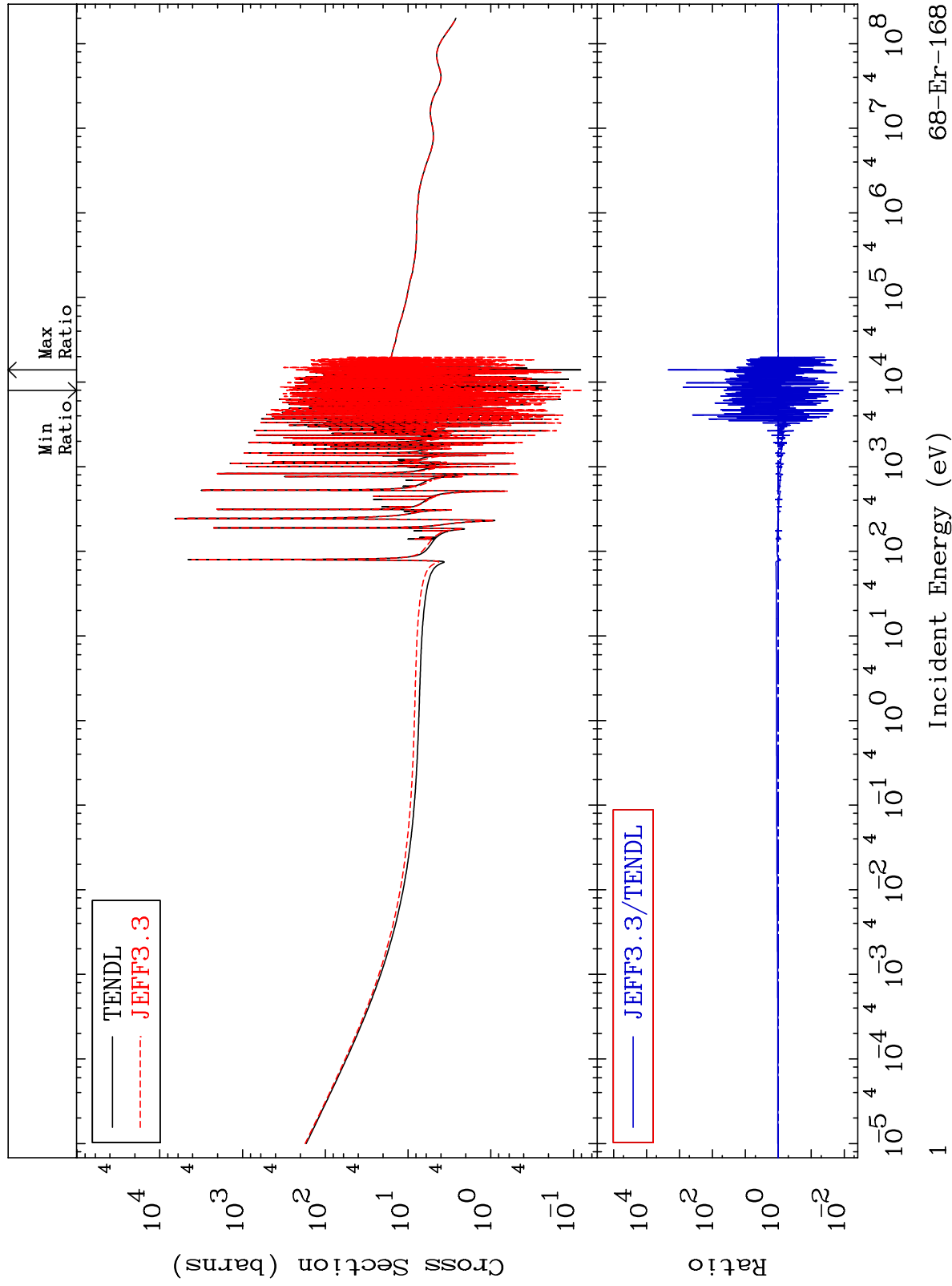
MAT 6843

Total

68-Er-168

Cross Section

-98.90 To 9999. %



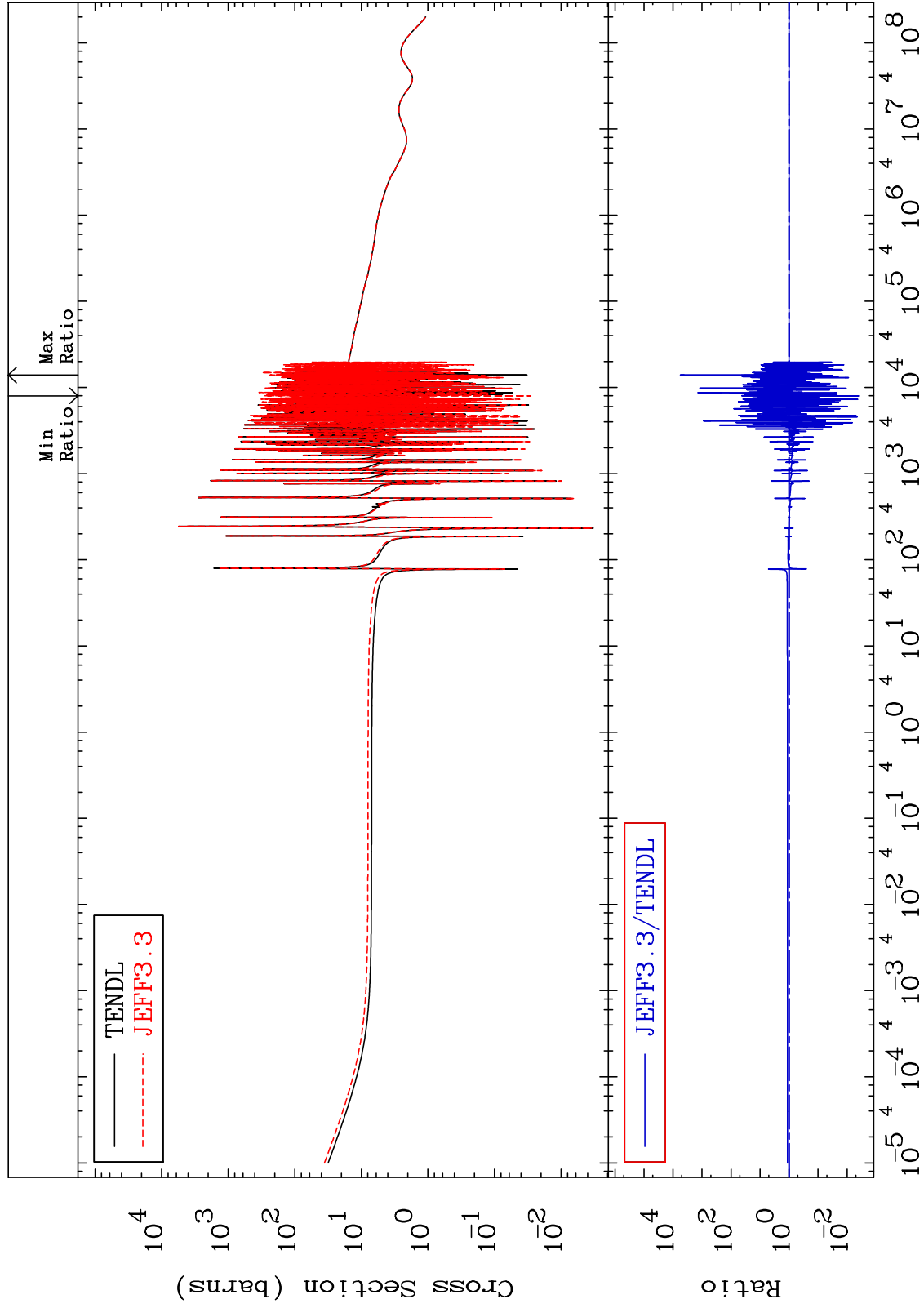
Incident Energy (eV)

68-Er-168

MAT 6843

Elastic
Cross Section

68-Er-168
-99.60 To 9999. %

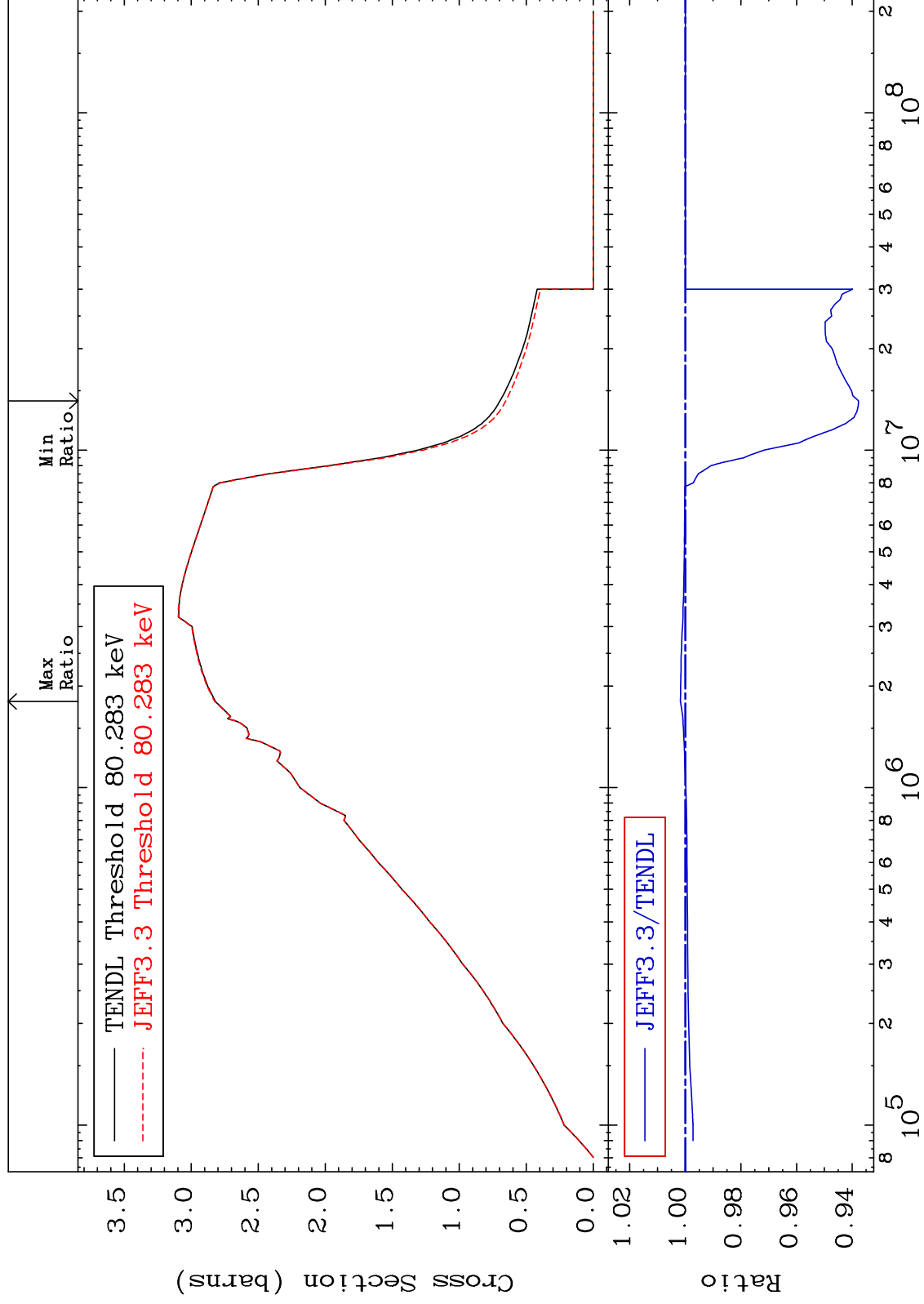


MAT 6843

Inelastic
Cross Section

68-Er-168

-6.229 To 0.176 %



Incident Energy (eV)

68-Er-168

3

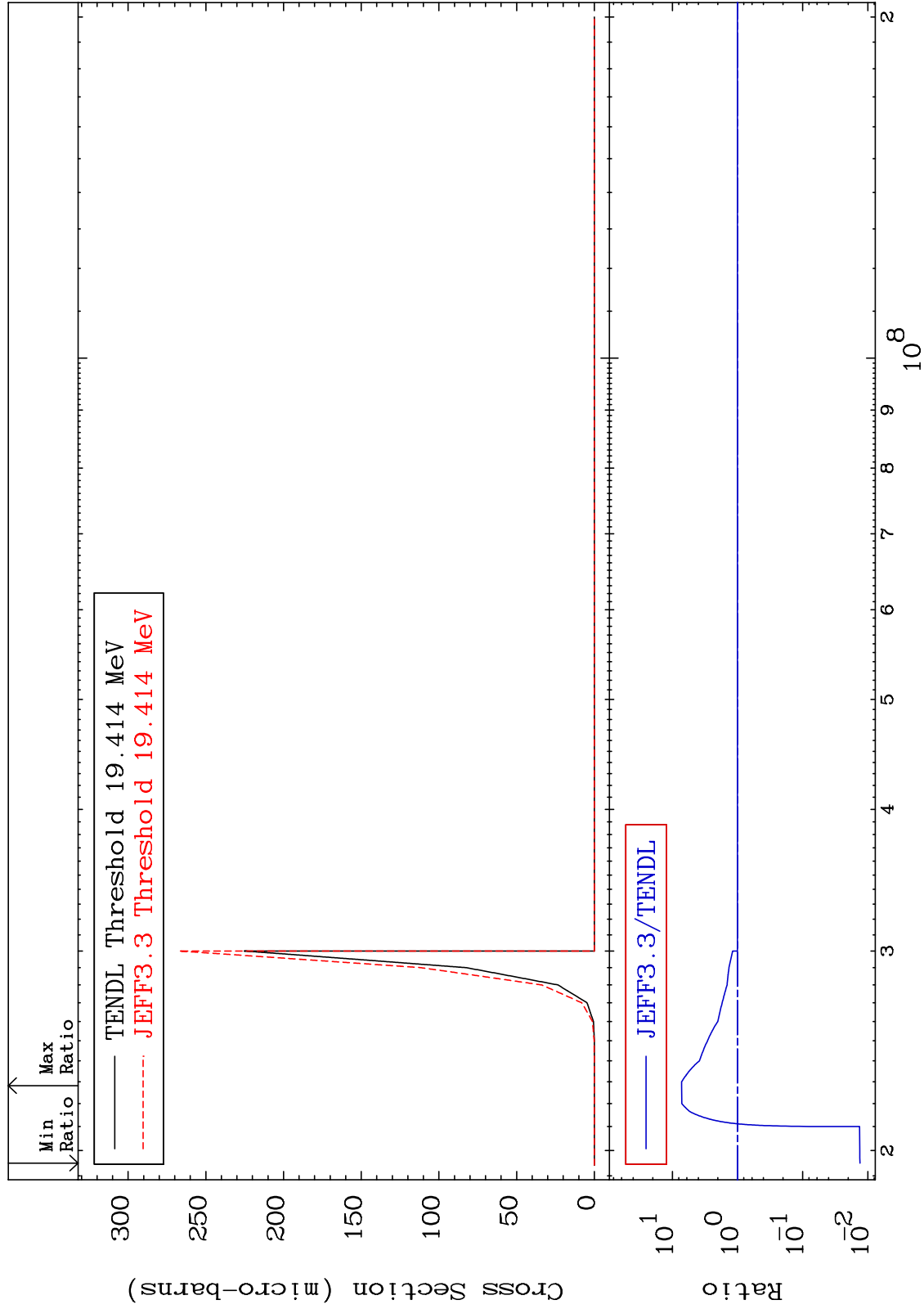
MAT 6843

(n,2n) d

68-Er-168

Cross Section

-98.68 To 619.7 %



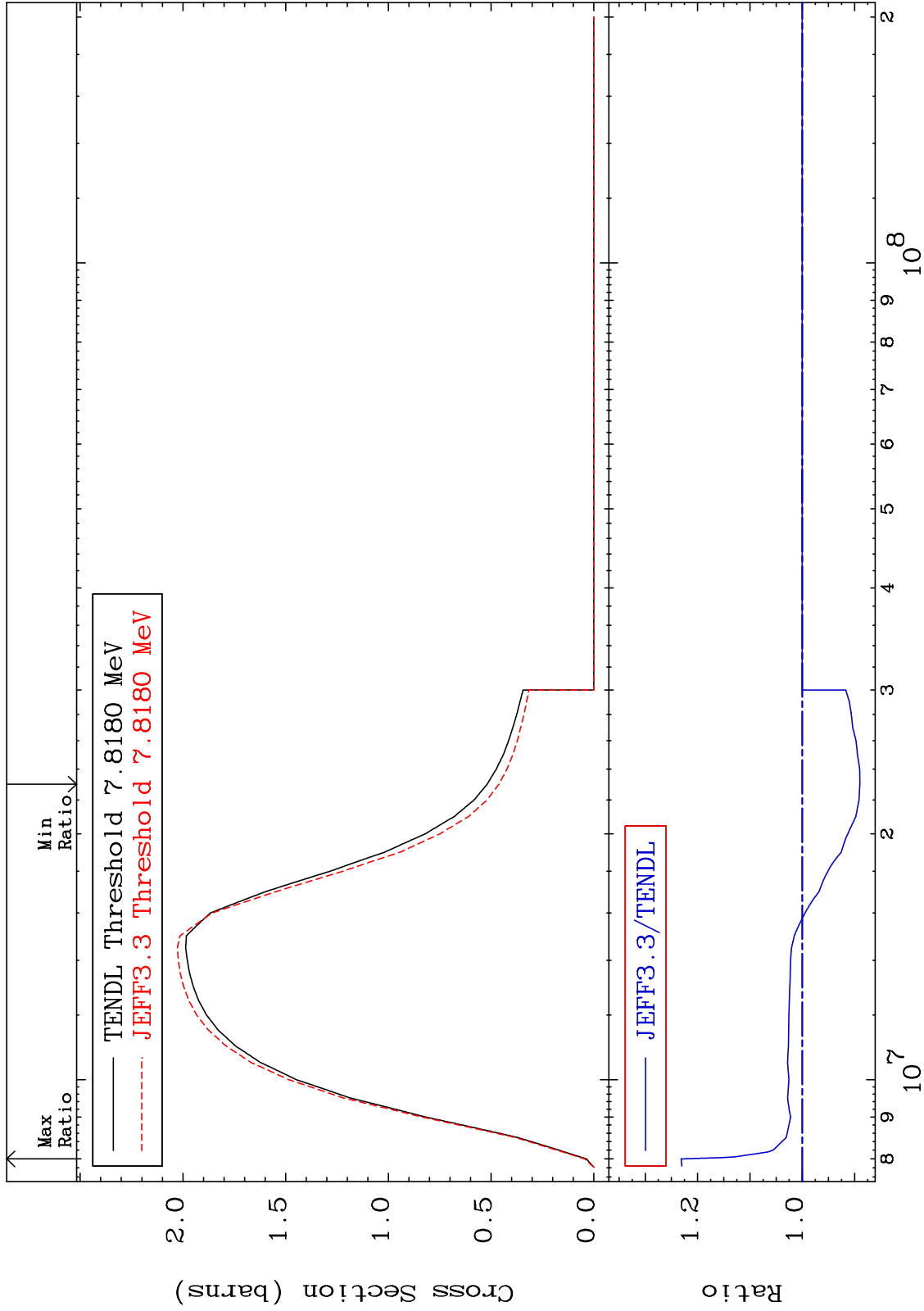
MAT 6843

(n,2n)

68-Er-168

Cross Section

-11.01 To 23.12 %



5

Incident Energy (eV)

68-Er-168

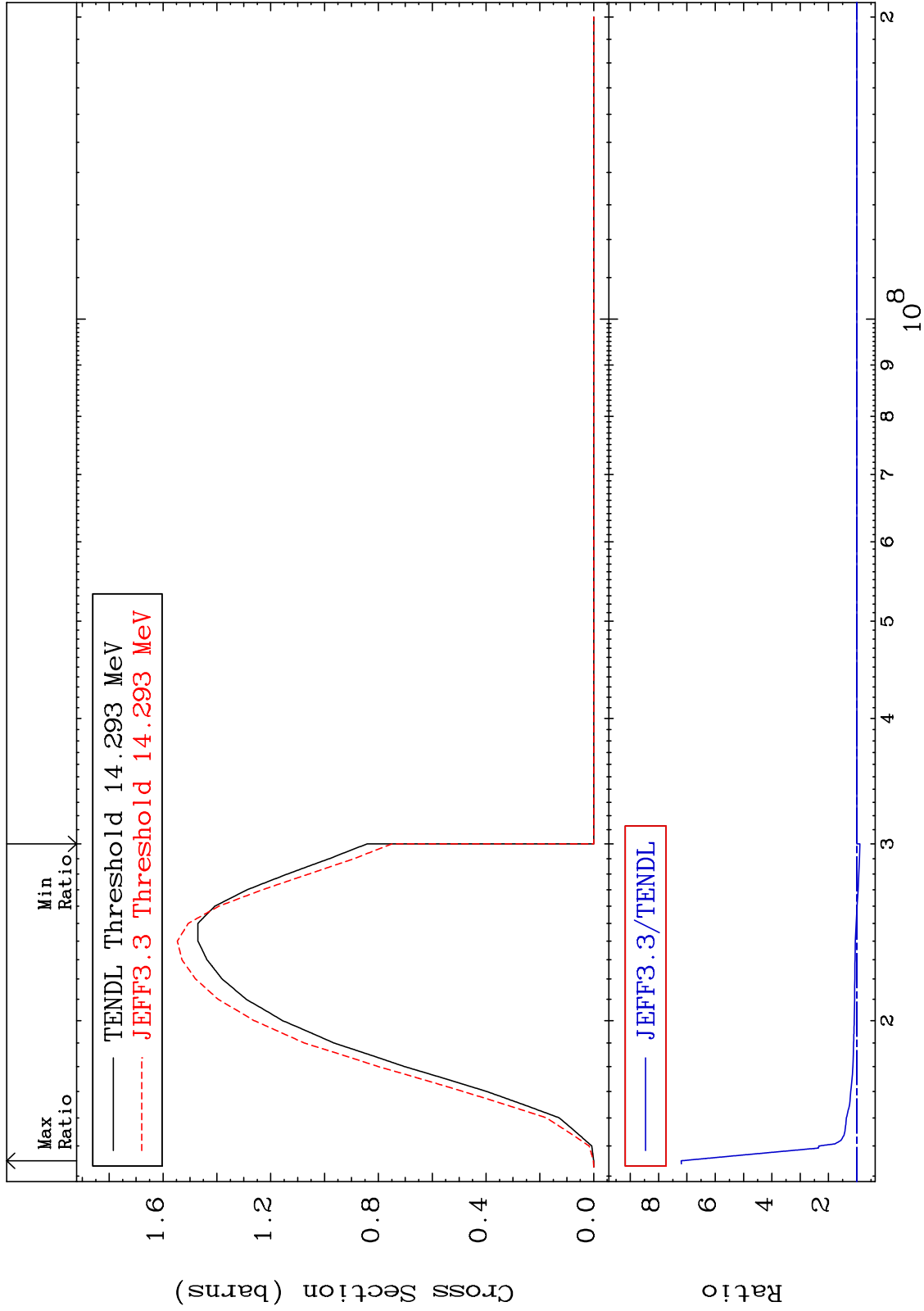
MAT 6843

(n, 3n)

68-Er-168

Cross Section

-10.98 To 620.1 %



6

Incident Energy (eV)

68-Er-168

MAT 6843

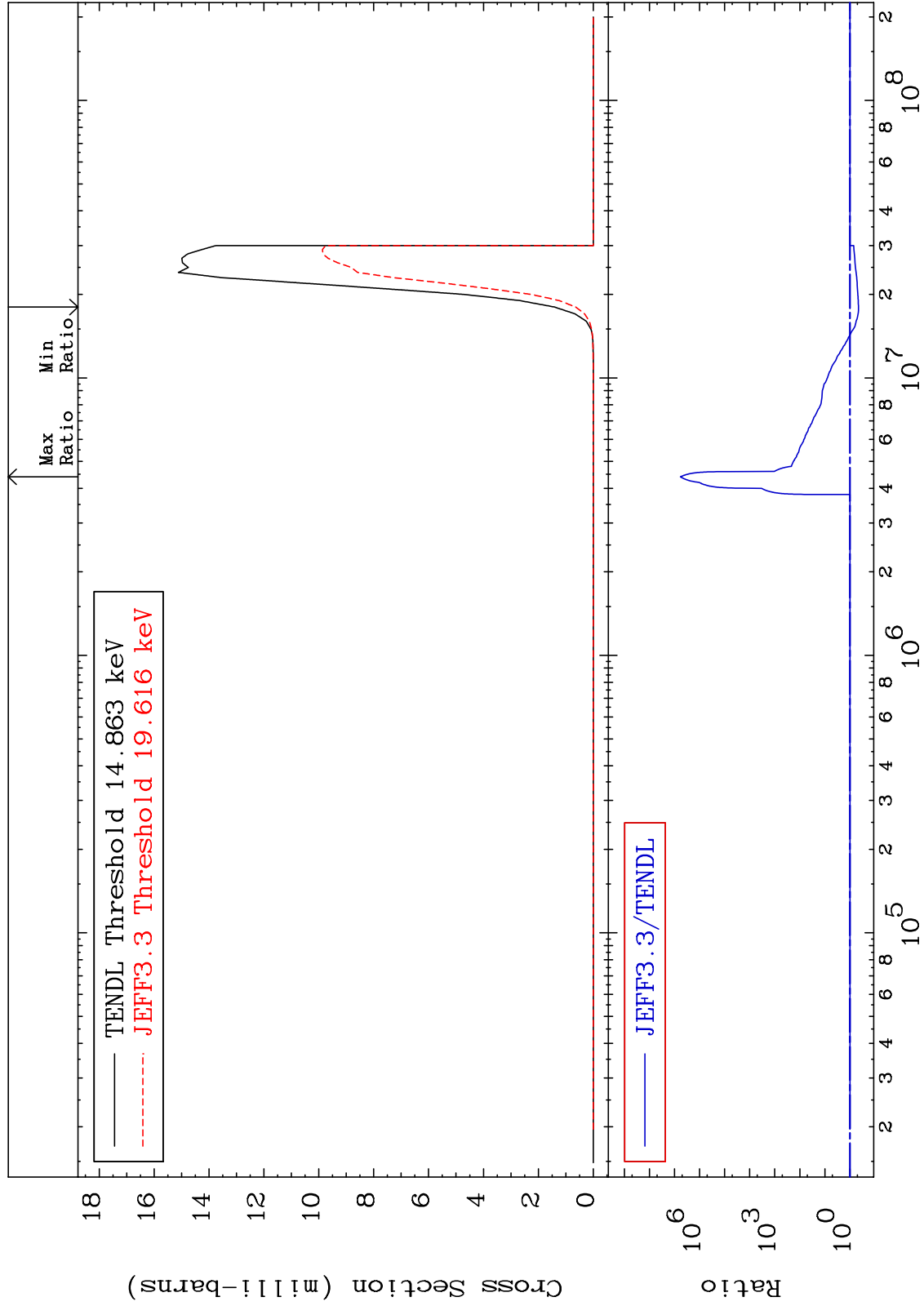
(n, n') α

68-Er-168

Cross Section

Cross Section

-54.76 To 9999. %



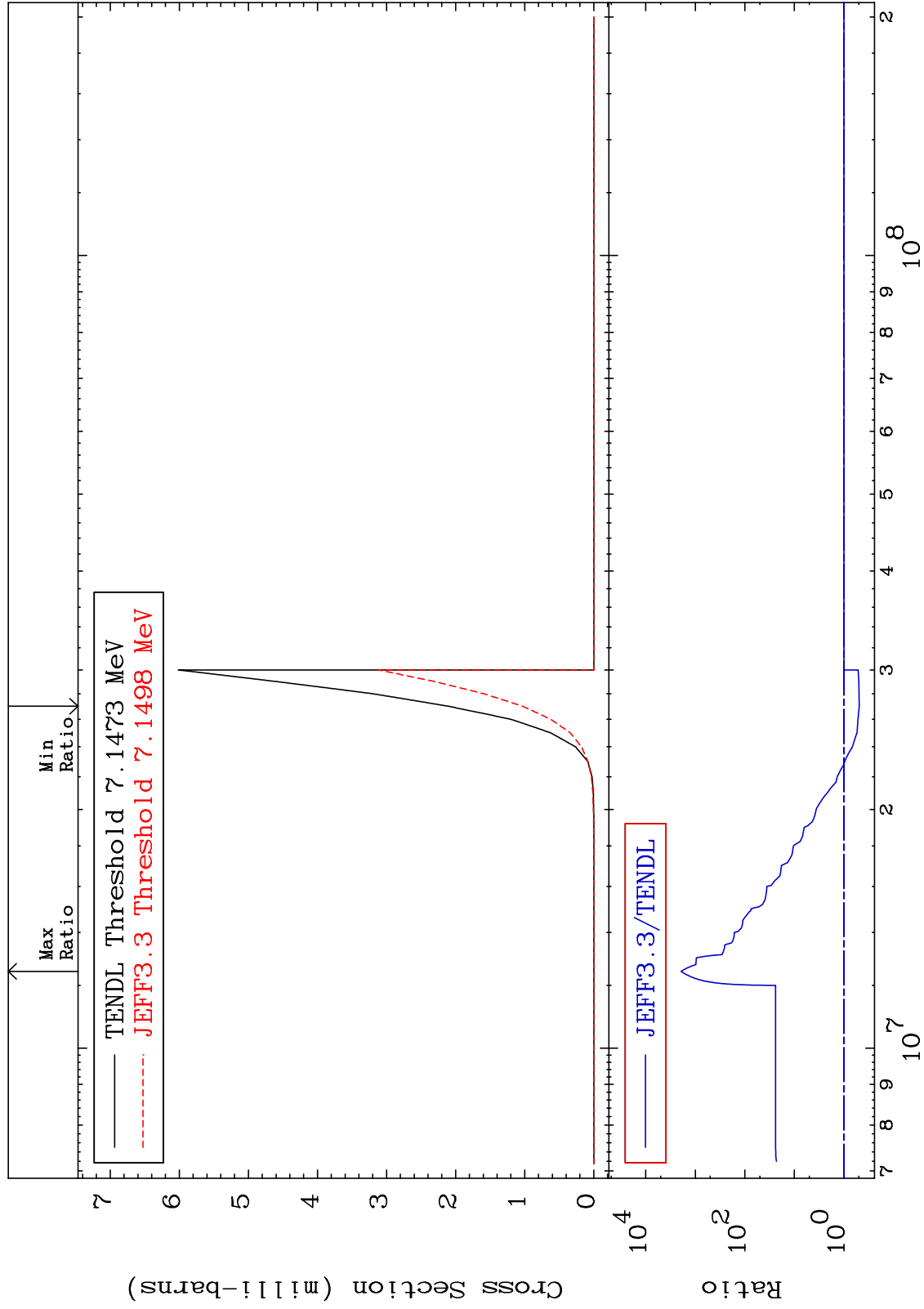
MAT 6843

(n,2n) α

68-Er-168

-51.04 To 9999. %

Cross Section



8

Incident Energy (eV)

68-Er-168

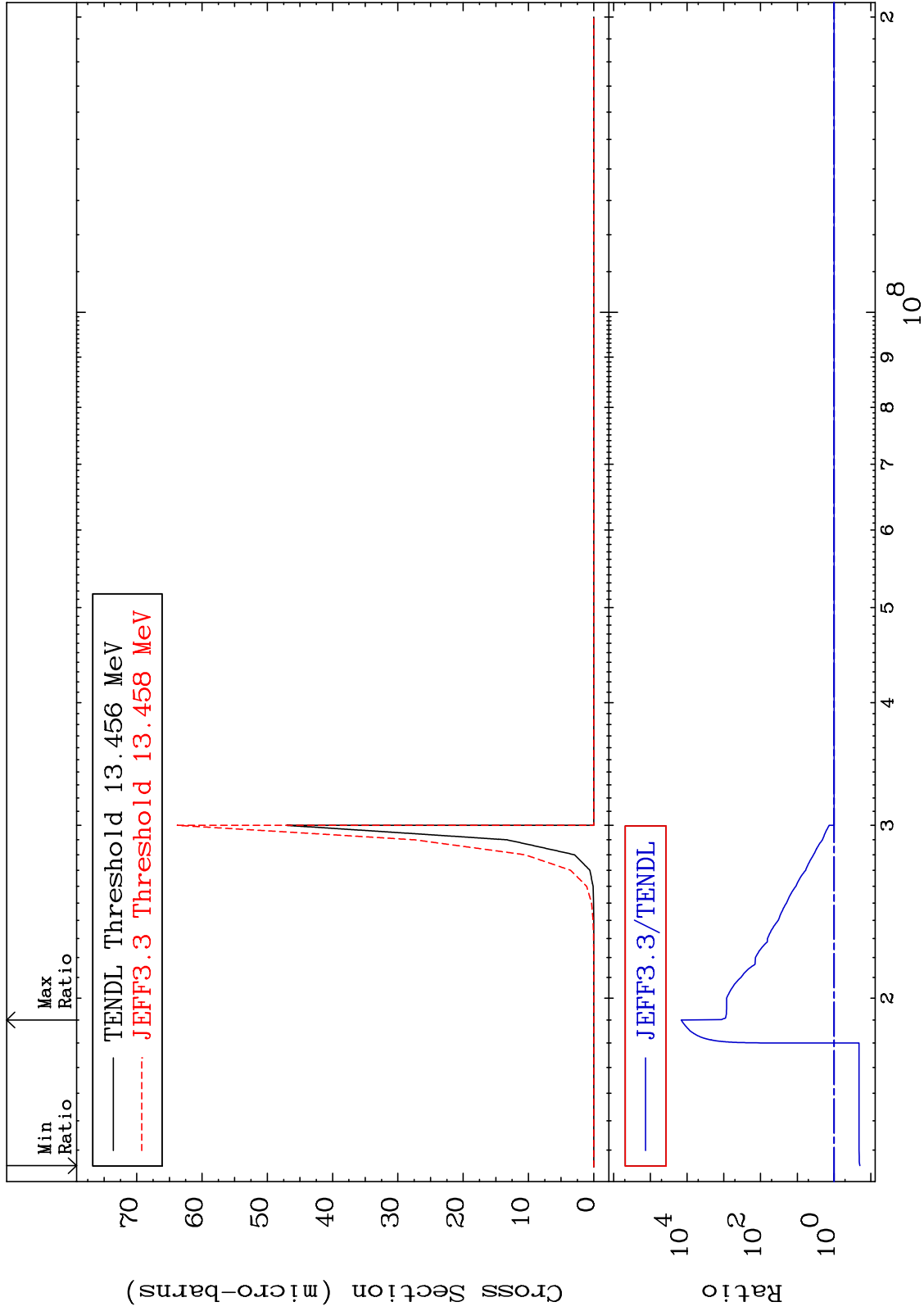
MAT 6843

(n,3n) α

68-Er-168

Cross Section

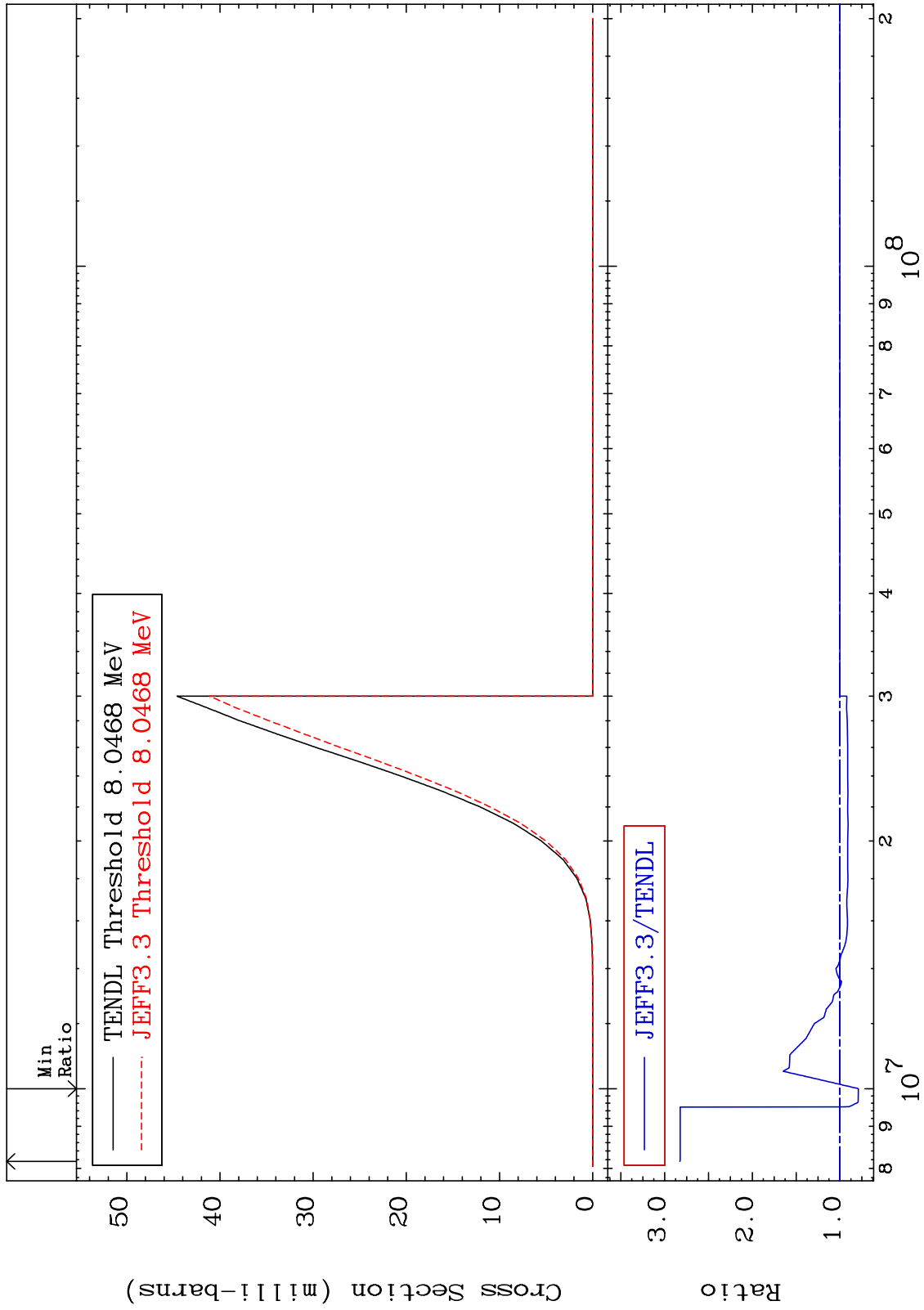
-80.31 To 9999. %



MAT 6843

(n,n') p
Cross Section

68-Er-168
-21.11 To 182.5 %



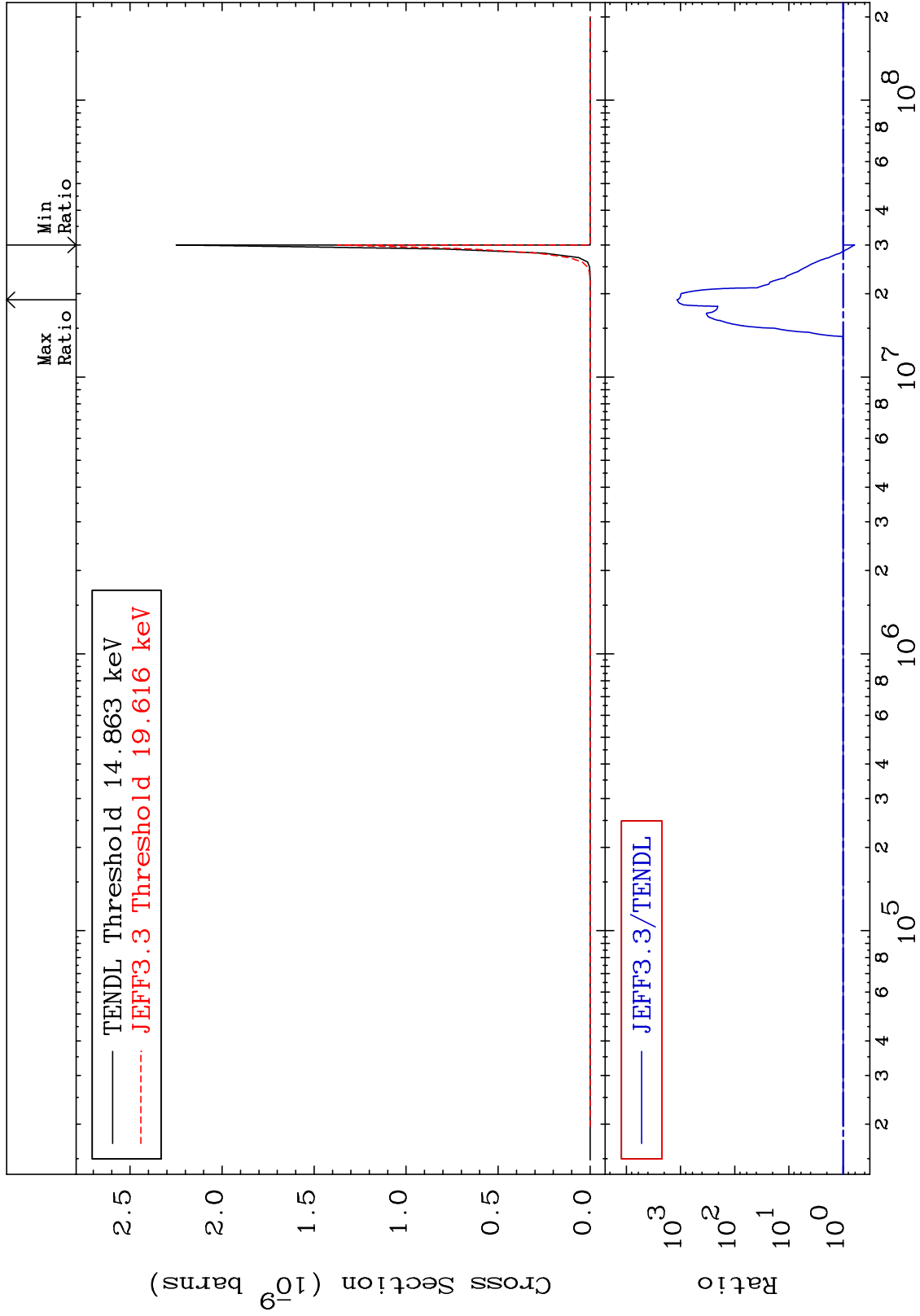
68-Er-168

Incident Energy (eV)

MAT 6843

(n, n') 2α
Cross Section

68-Er-168
-38.90 To 9999. %



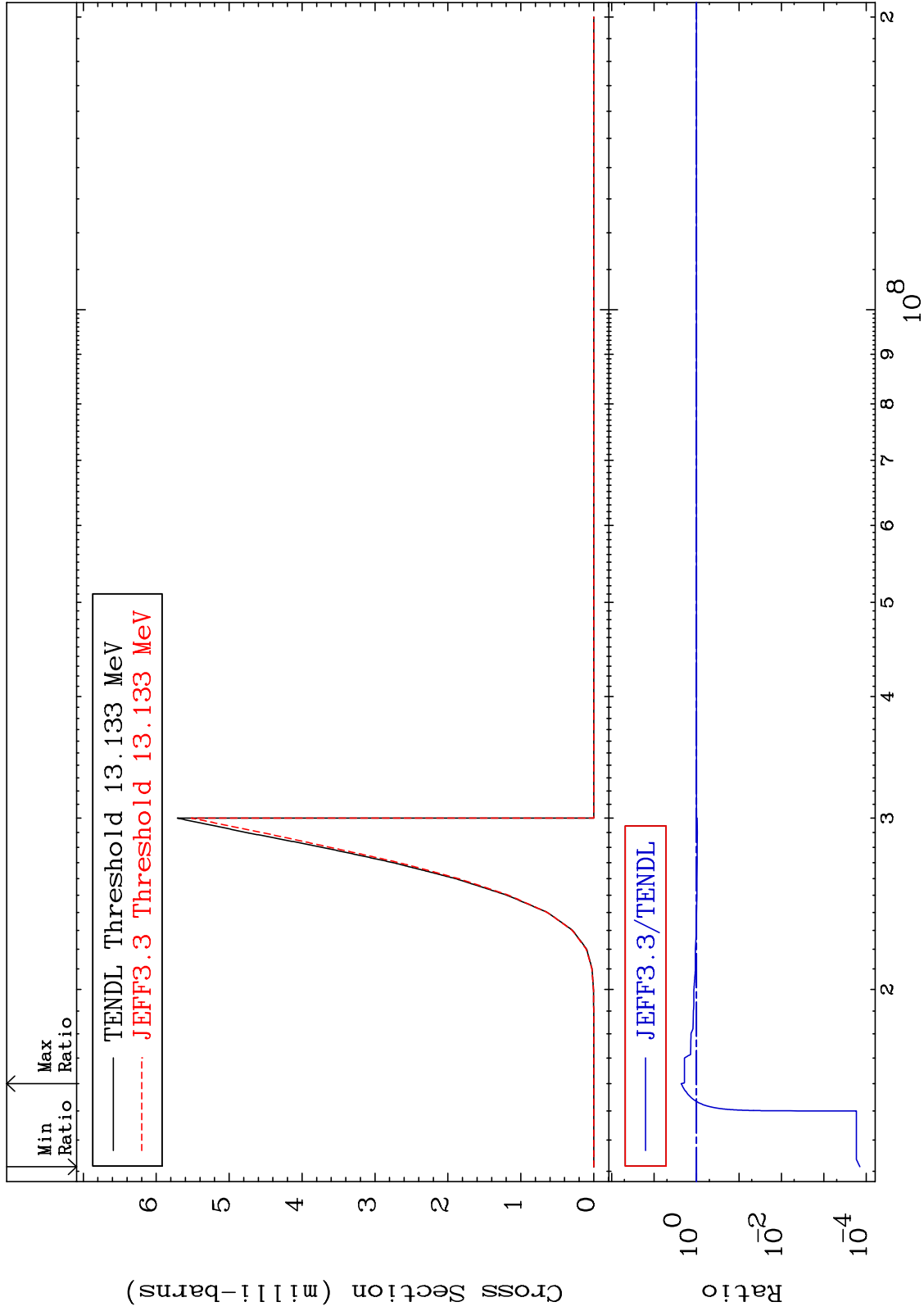
MAT 6843

(n, n') d

68-Er-168

Cross Section

-99.99 To 129.3 %



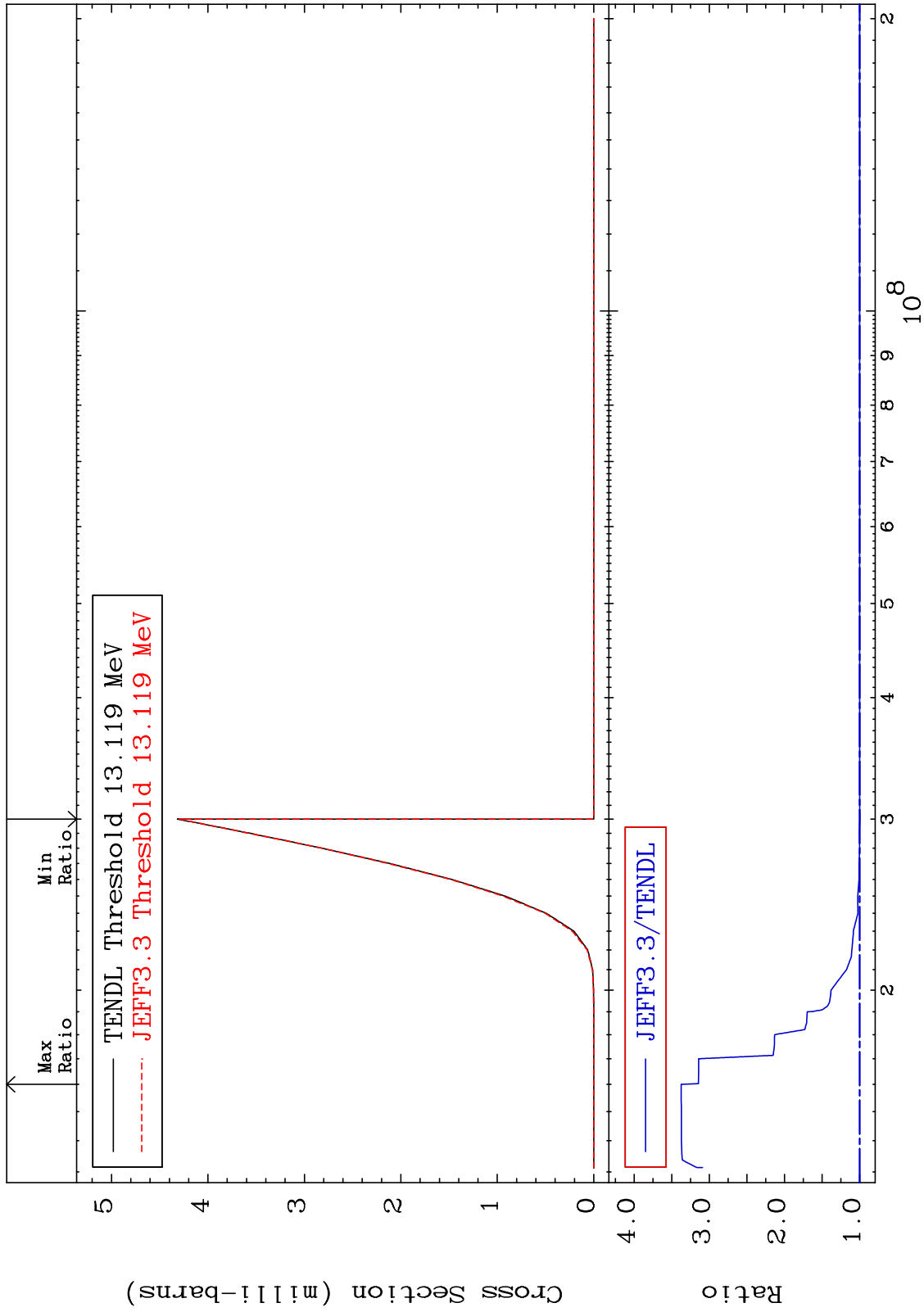
MAT 6843

(n, n') t

68-Er-168

Cross Section

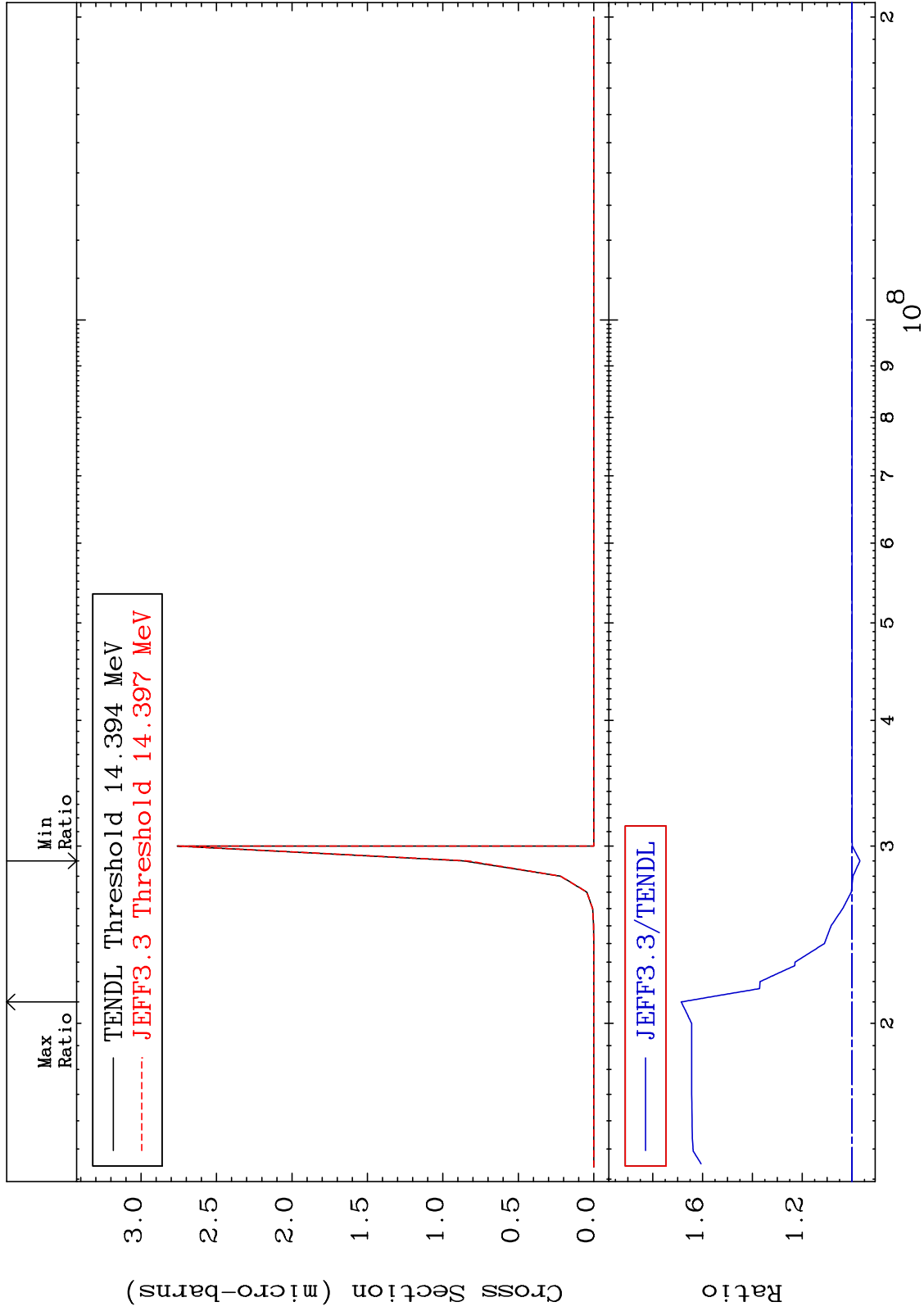
-0.387 To 237.3 %



MAT 6843

(n, n') He-3
Cross Section

68-Er-168
-3.147 To 68.57 %



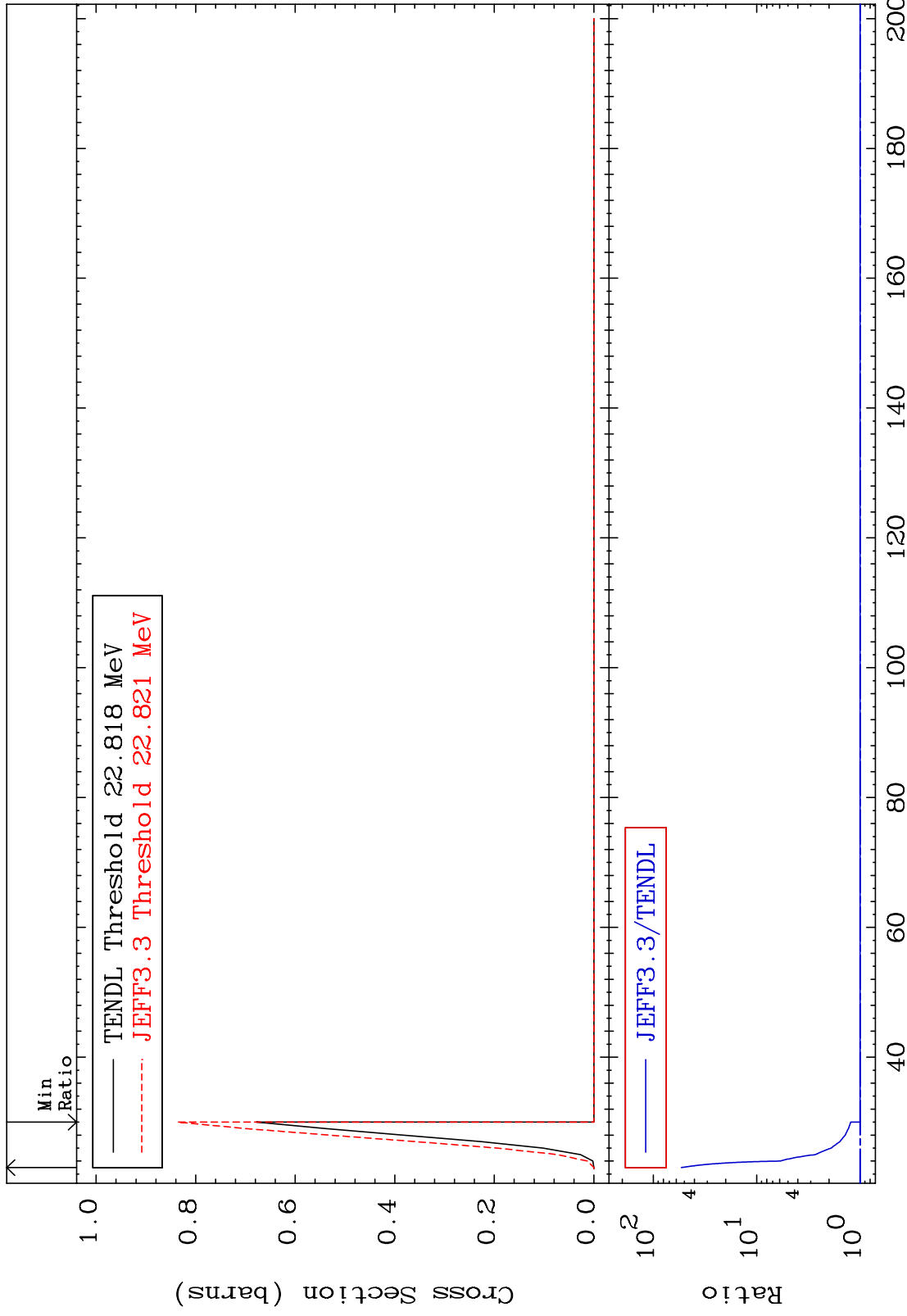
MAT 6843

(n, 4n)

68-Er-168

Cross Section

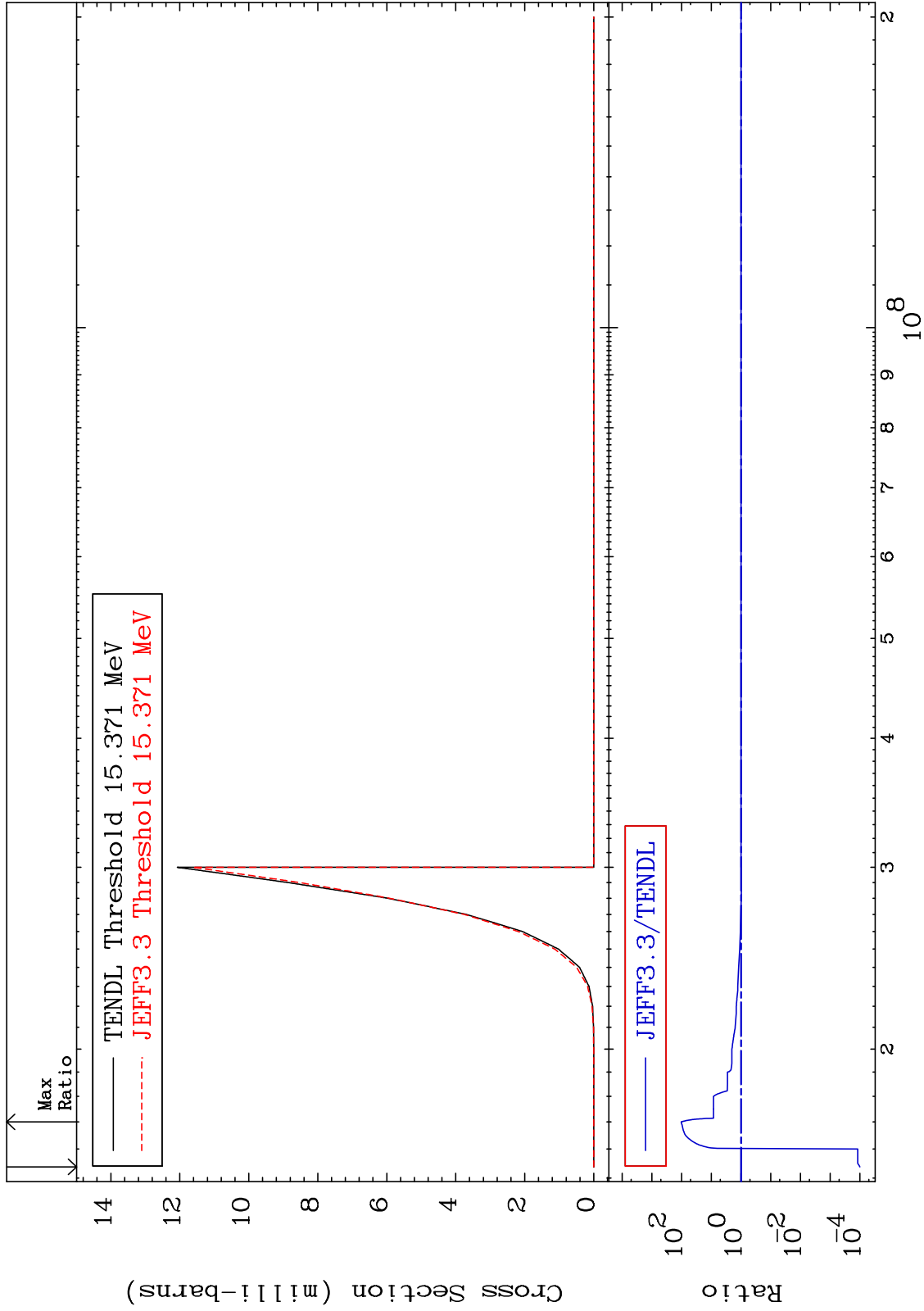
0.000 To 5255. %



MAT 6843

(n,2n) p
Cross Section

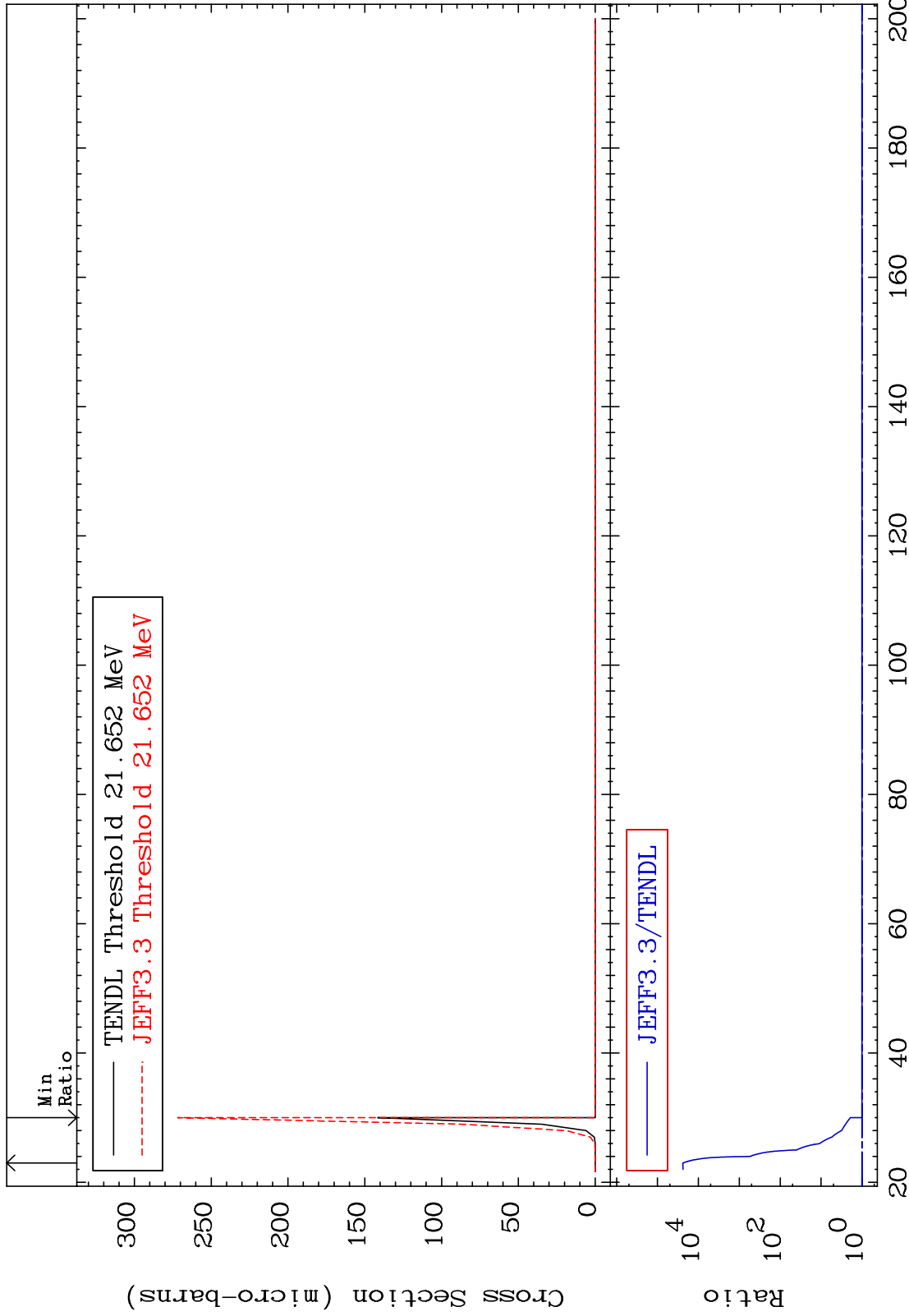
68-Er-168
-99.99 To 9999. %



MAT 6843

(n,3n) p
Cross Section

68-Er-168
0.000 To 9999. %



MAT 6843

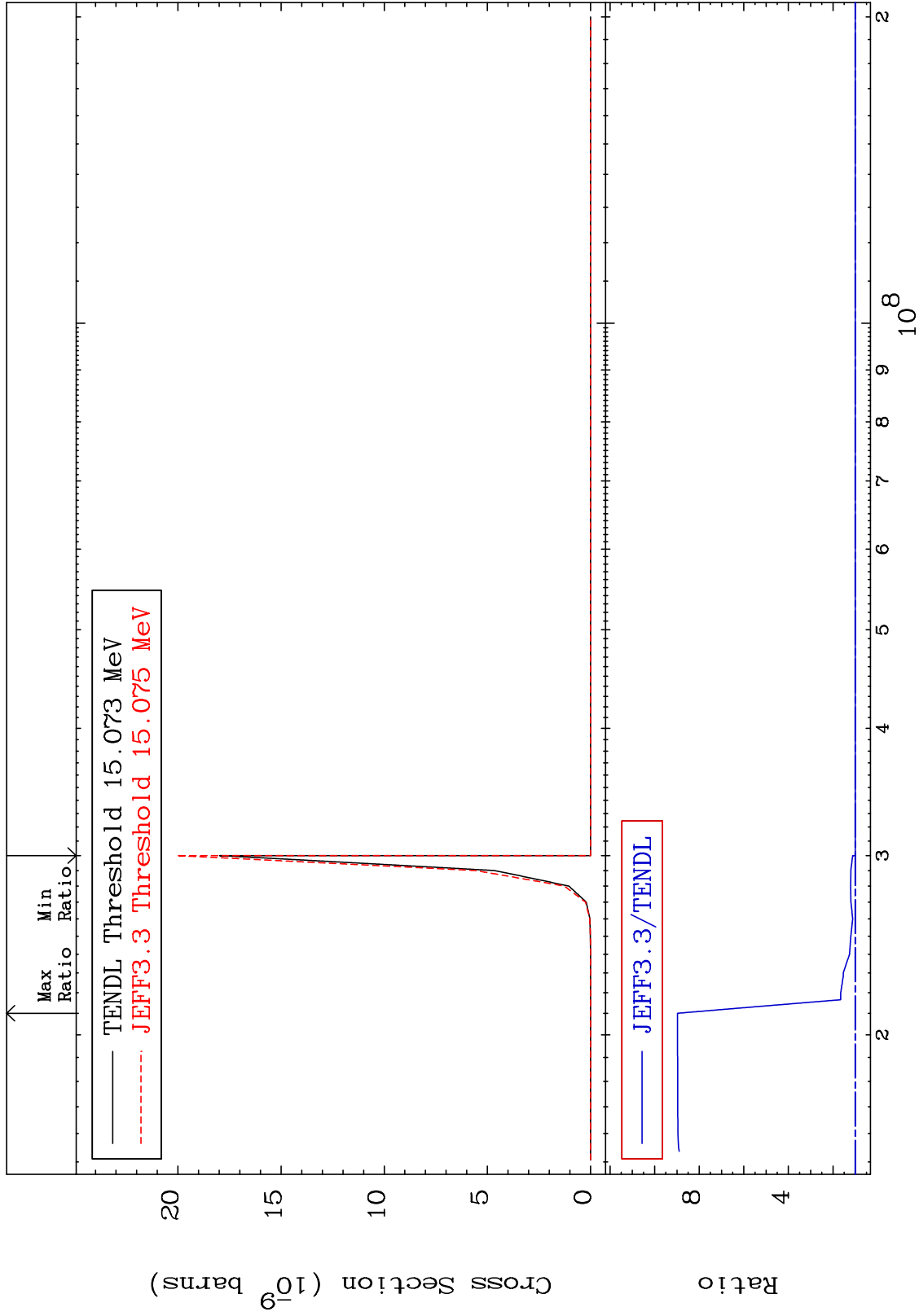
(n,2n) p

68-Er-168

Cross Section

0.000

To 797.3 %



18

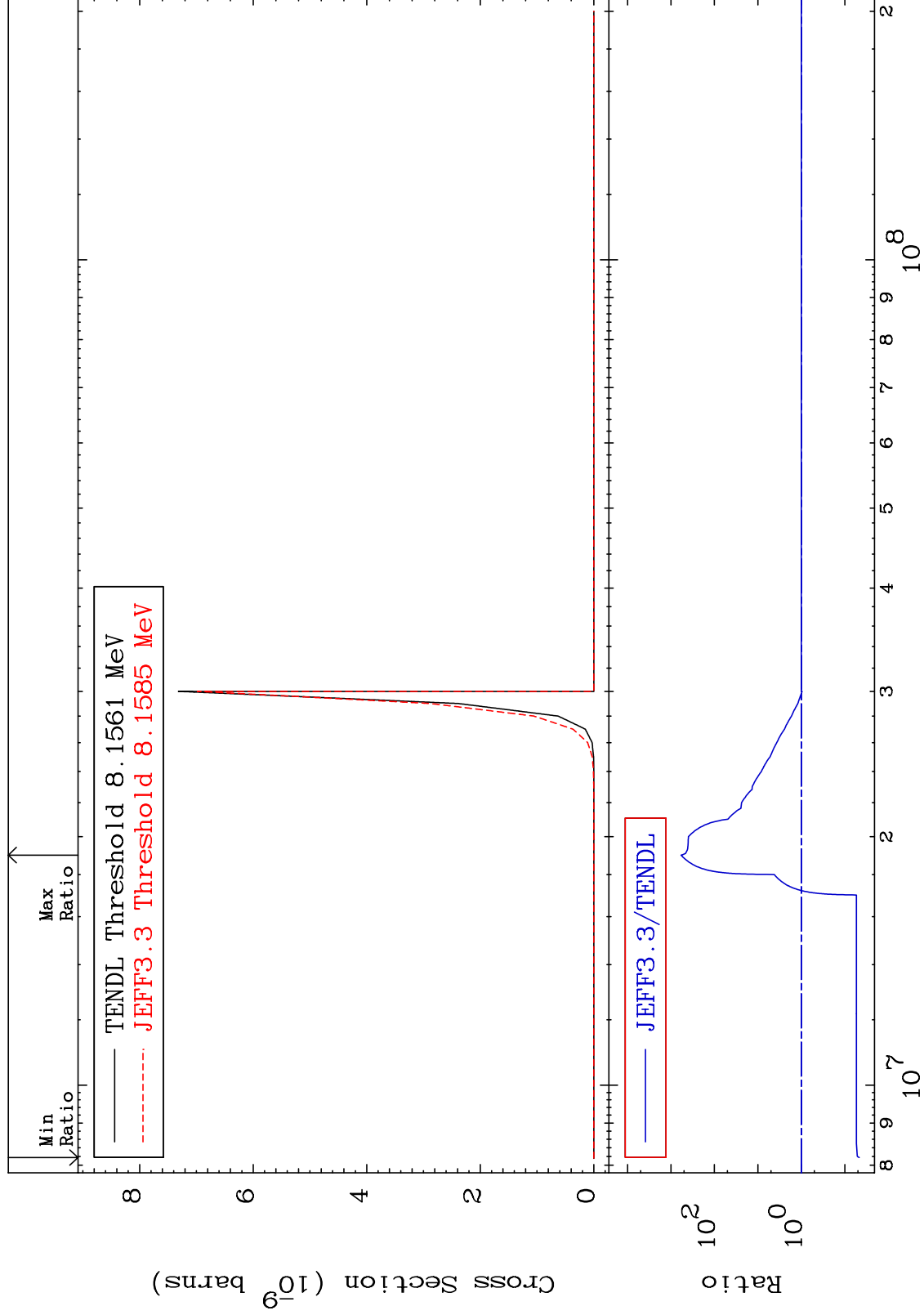
Incident Energy (eV)

68-Er-168

MAT 6843

(n,n') p α
Cross Section

68-Er-168
-95.37 To 9999. %



19

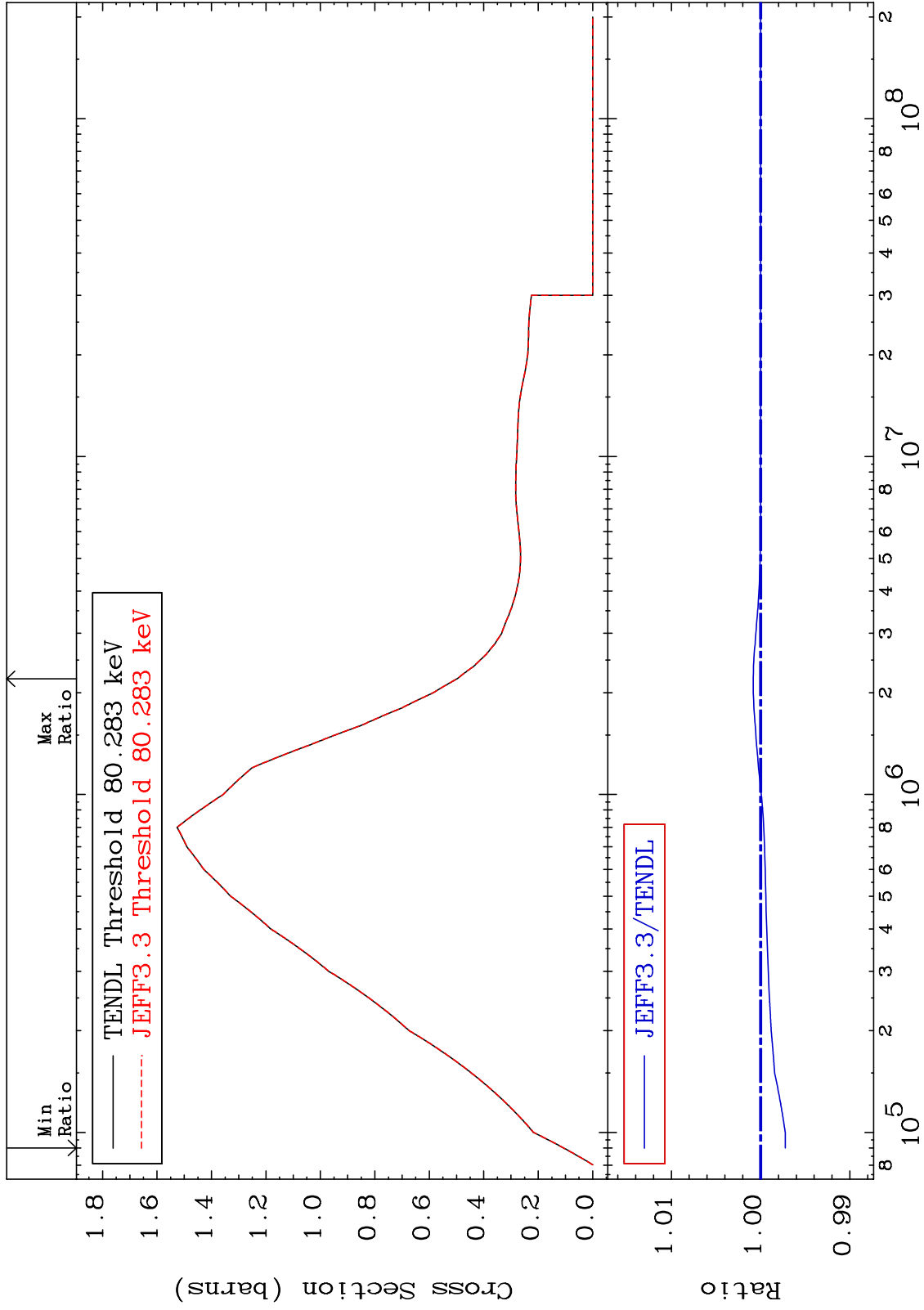
Incident Energy (eV)

68-Er-168

MAT 6843

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

68-Er-168
-0.276 To 0.083 %



20

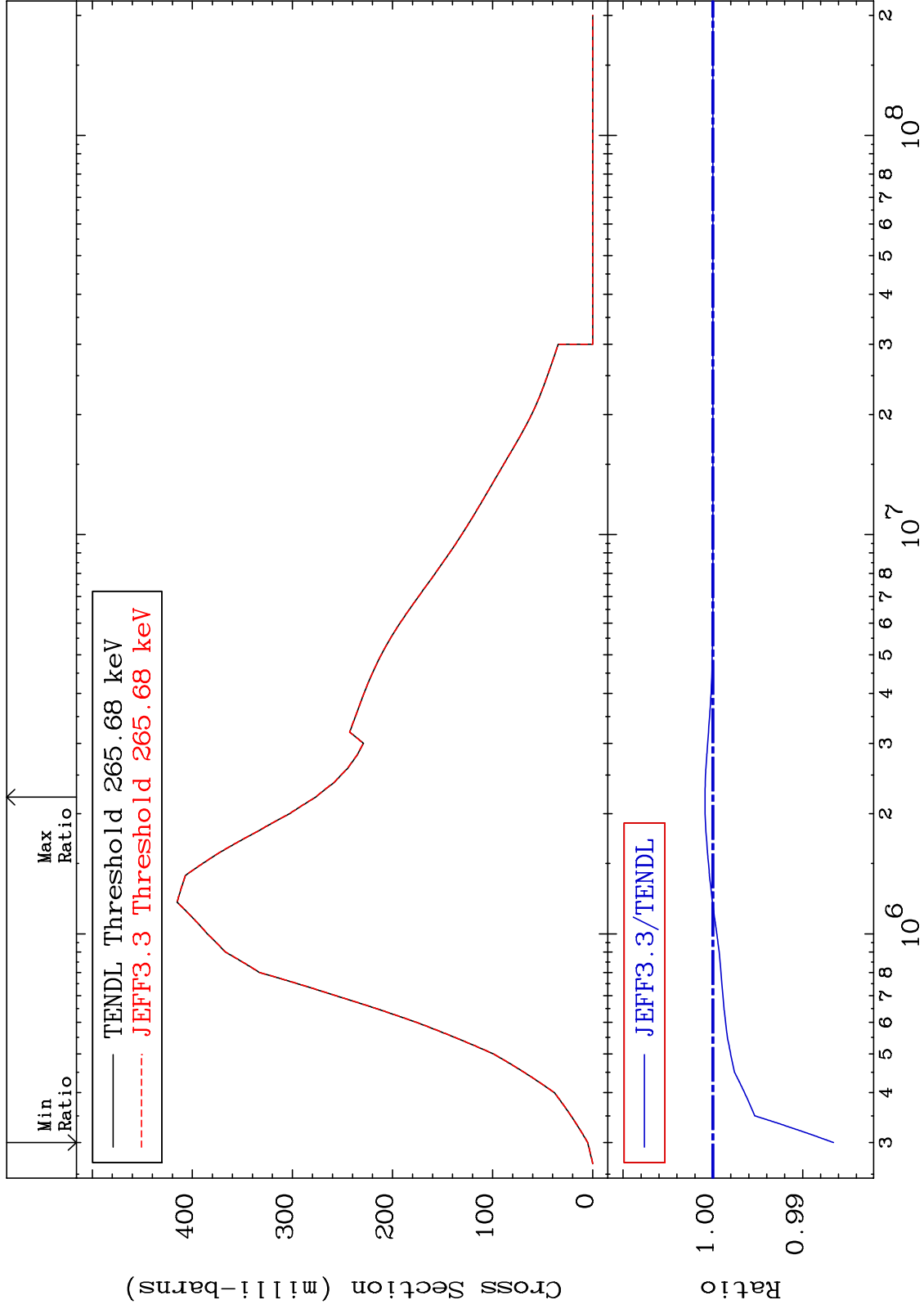
Incident Energy (eV)

68-Er-168

MAT 6843

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

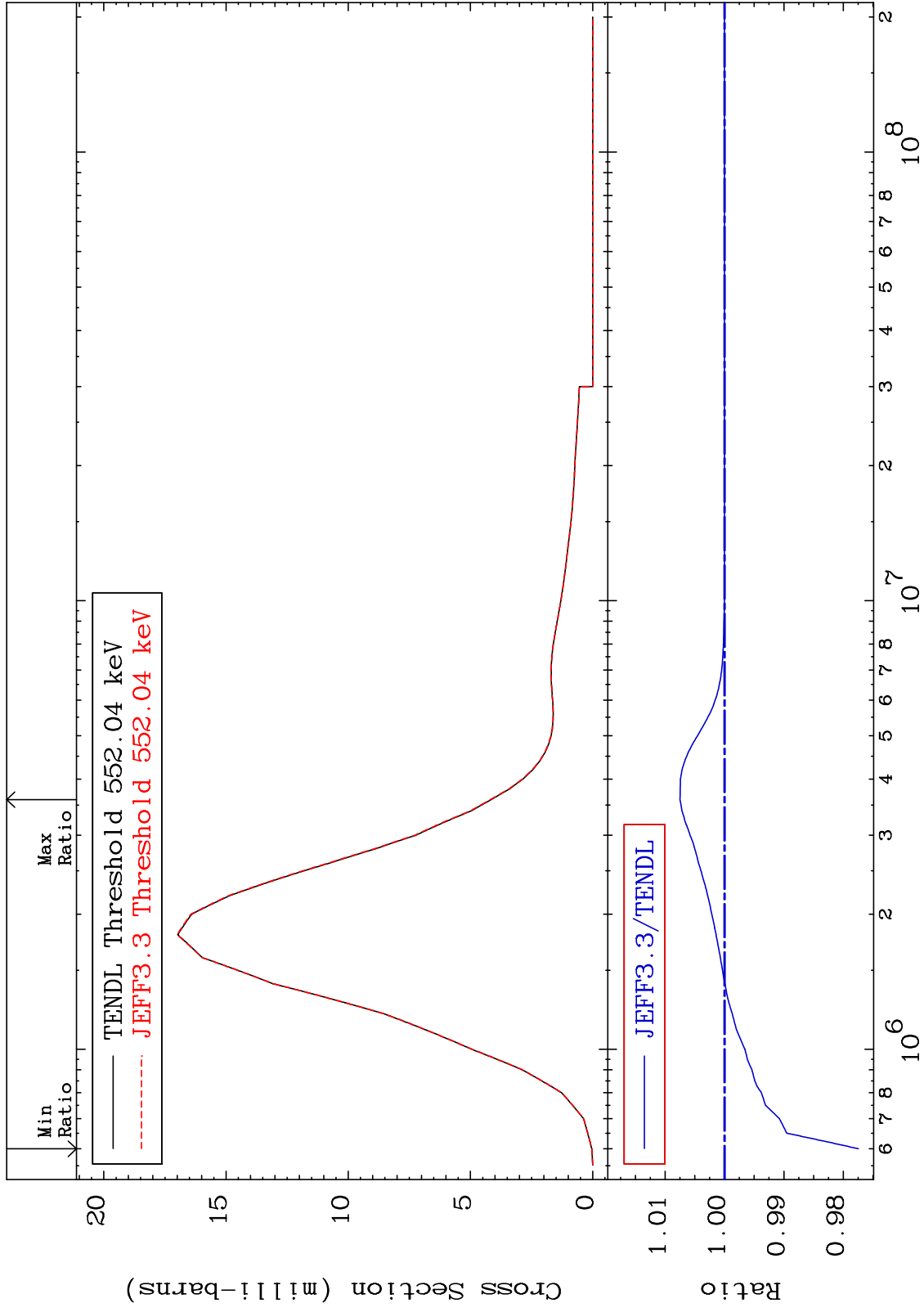
68-Er-168
-1.344 To 0.089 %



MAT 6843

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

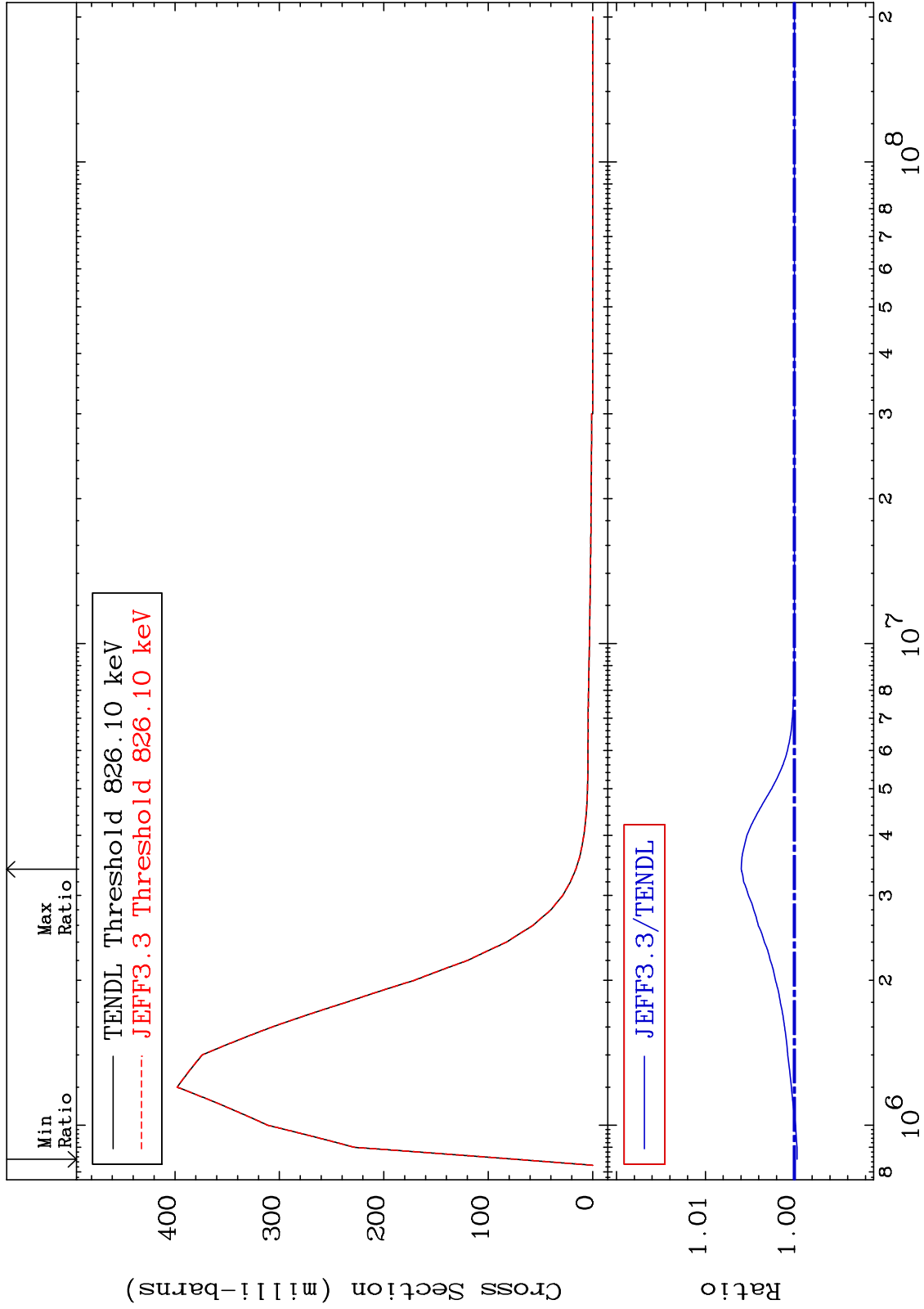
68-Er-168
-2.256 To 0.750 %



MAT 6843

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

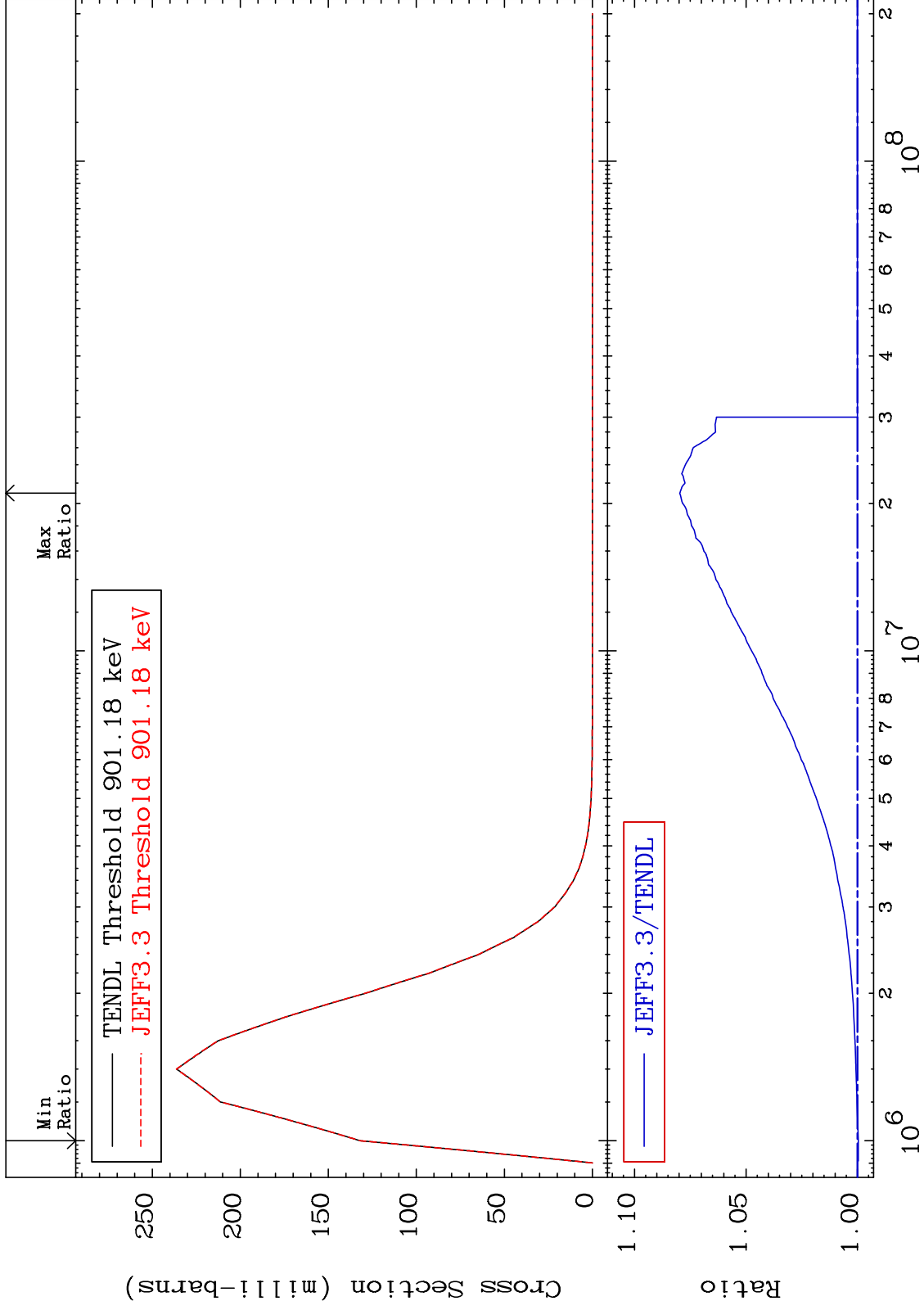
68-Er-168
-0.031 To 0.596 %



MAT 6843

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

68-Er-168
-0.039 To 7.971 %



24

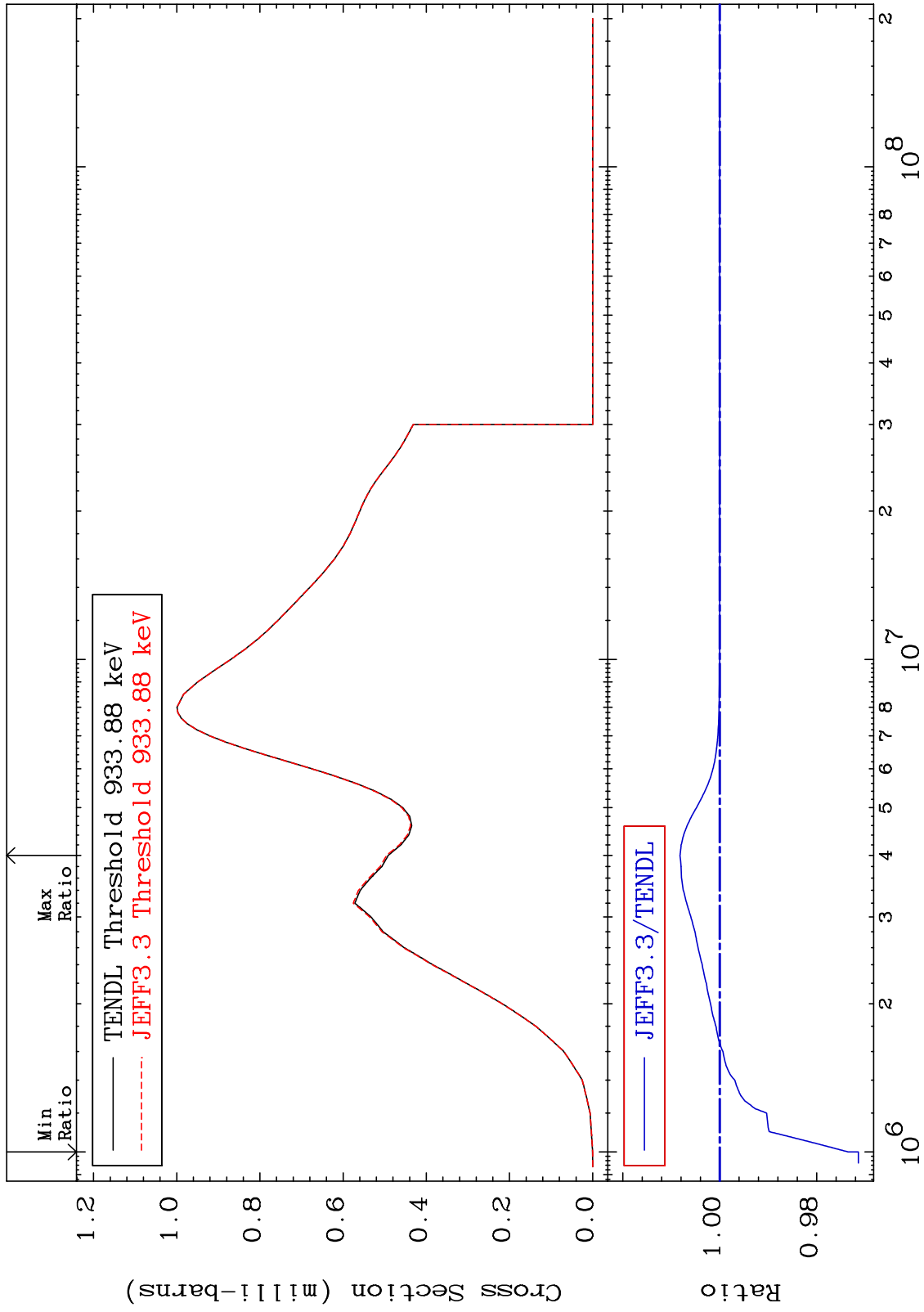
Incident Energy (eV)

68-Er-168

MAT 6843

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

68-Er-168
-2.861 To 0.820 %



25

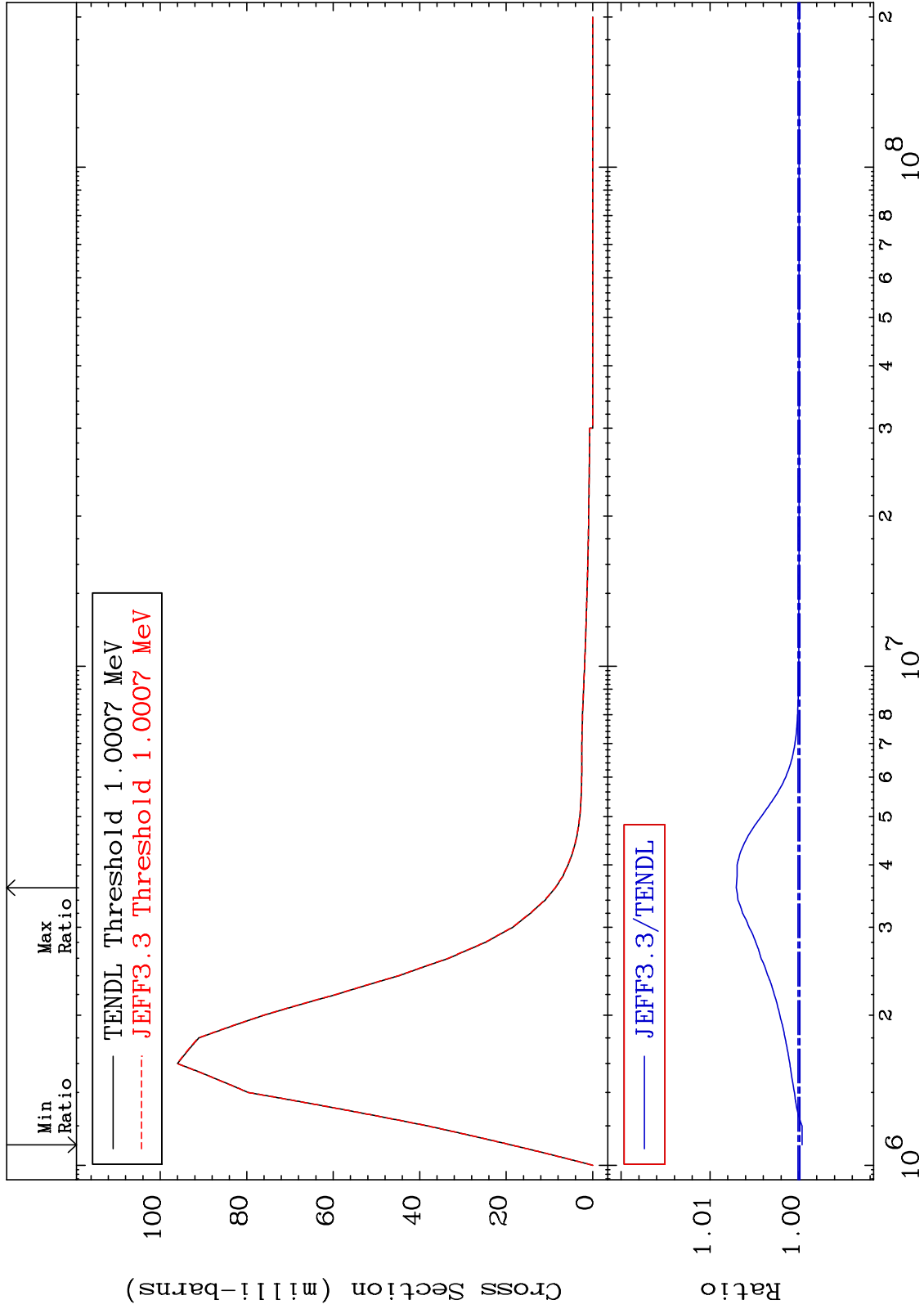
Incident Energy (eV)

68-Er-168

MAT 6843

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

68-Er-168
-0.036 To 0.704 %



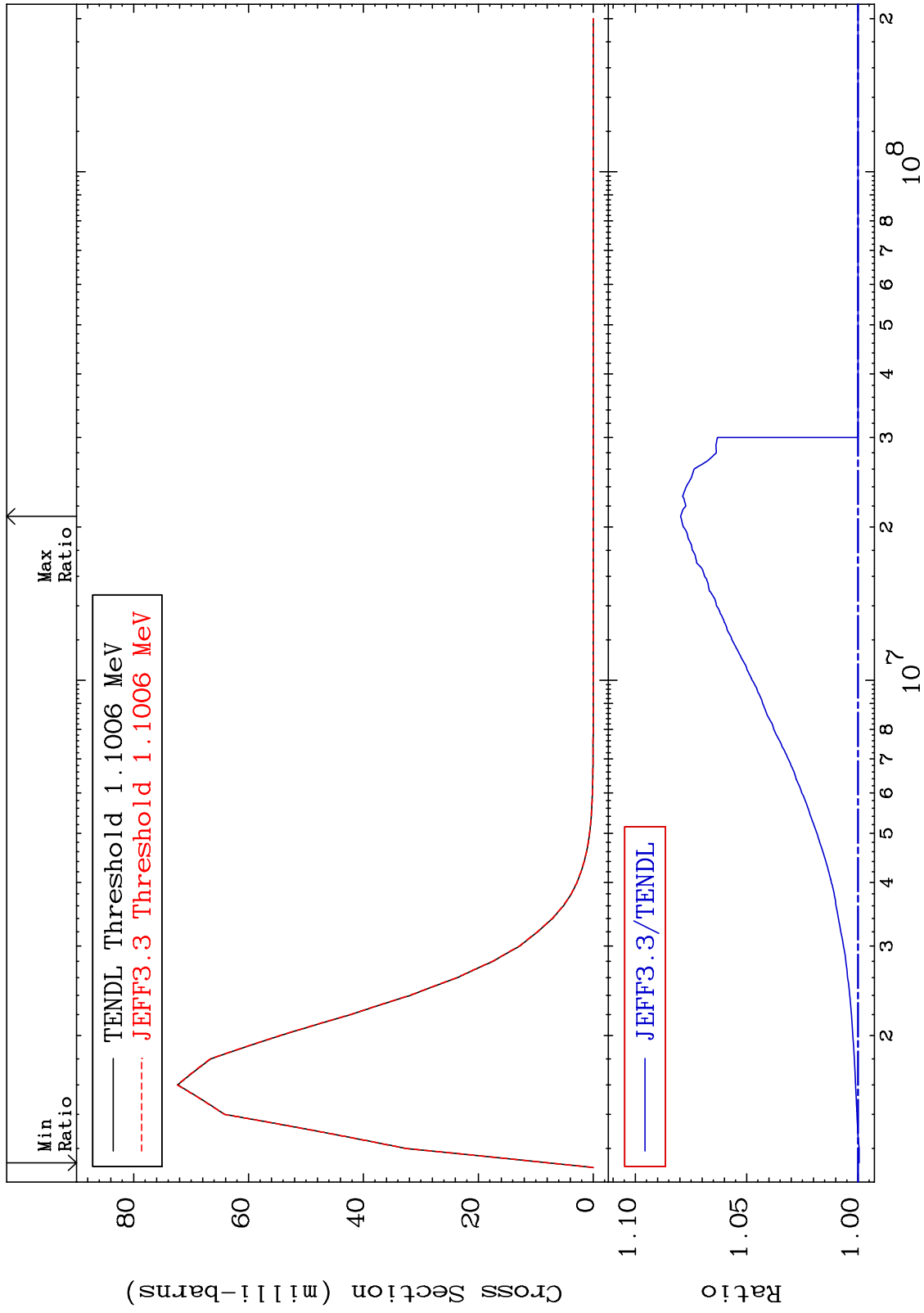
26

68-Er-168

MAT 6843

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

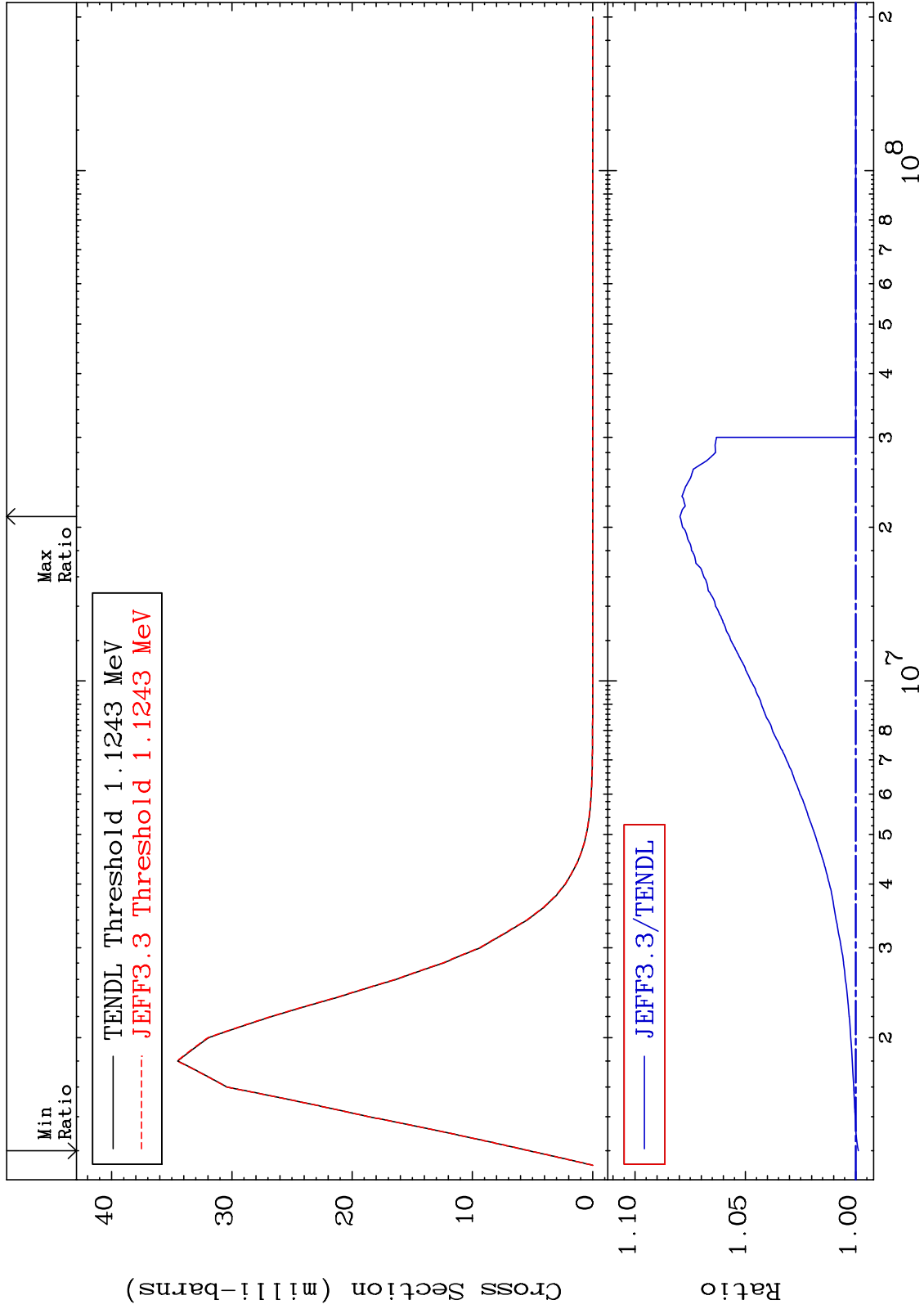
68-Er-168
-0.051 To 7.968 %

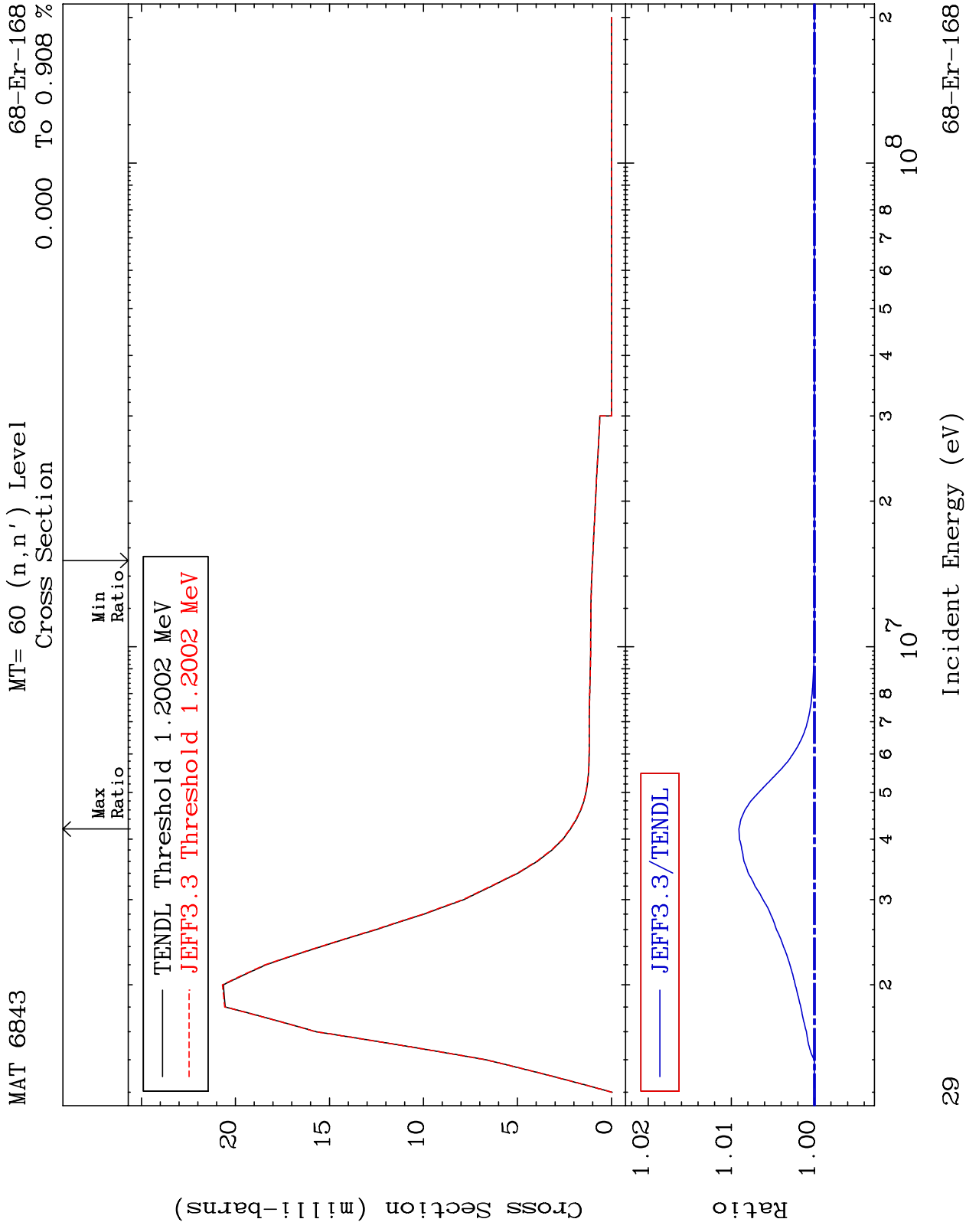


MAT 6843

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

68-Er-168
-0.121 To 7.964 %

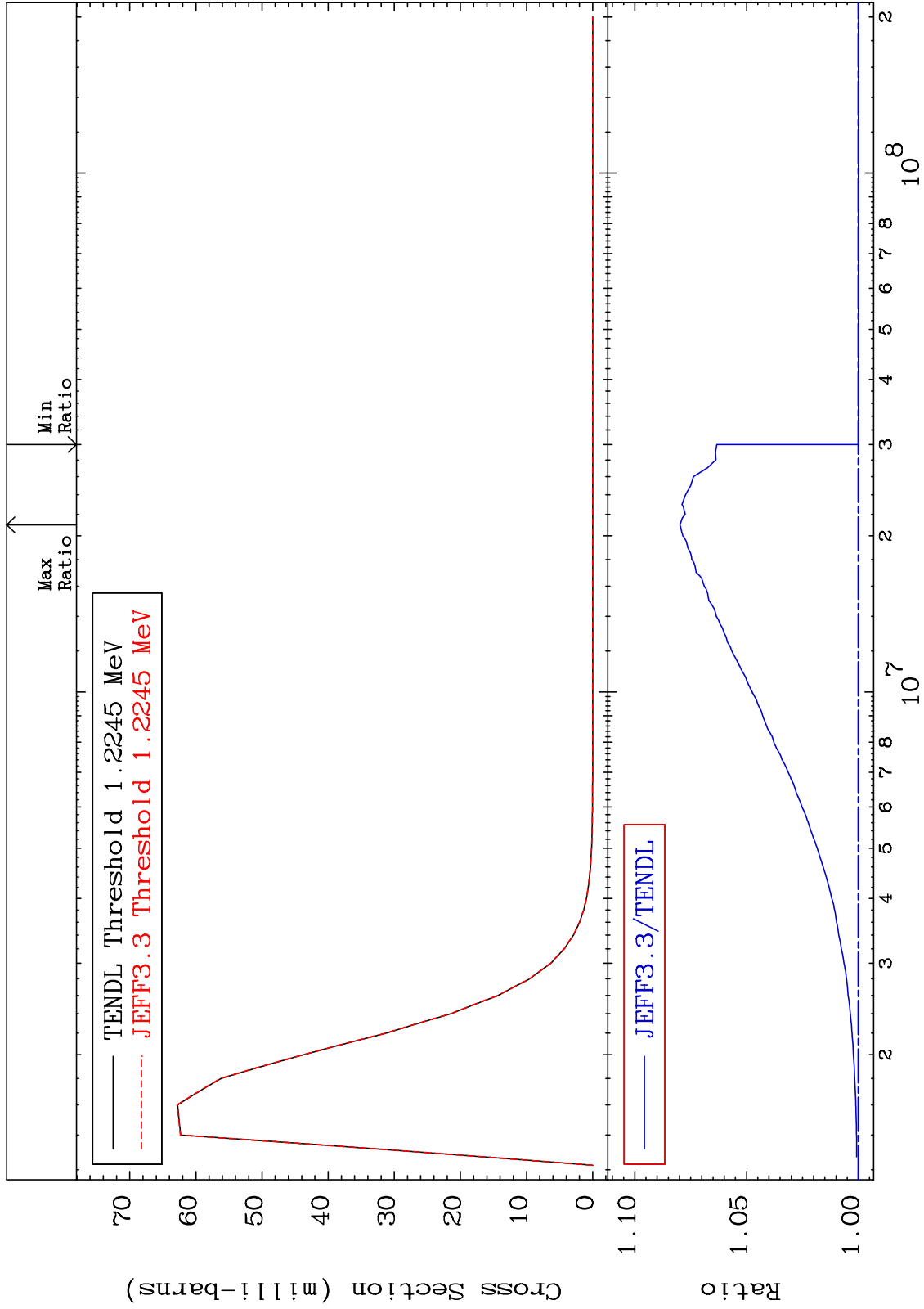




MAT 6843

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

68-Er-168
To 7.977 %
0.000



30

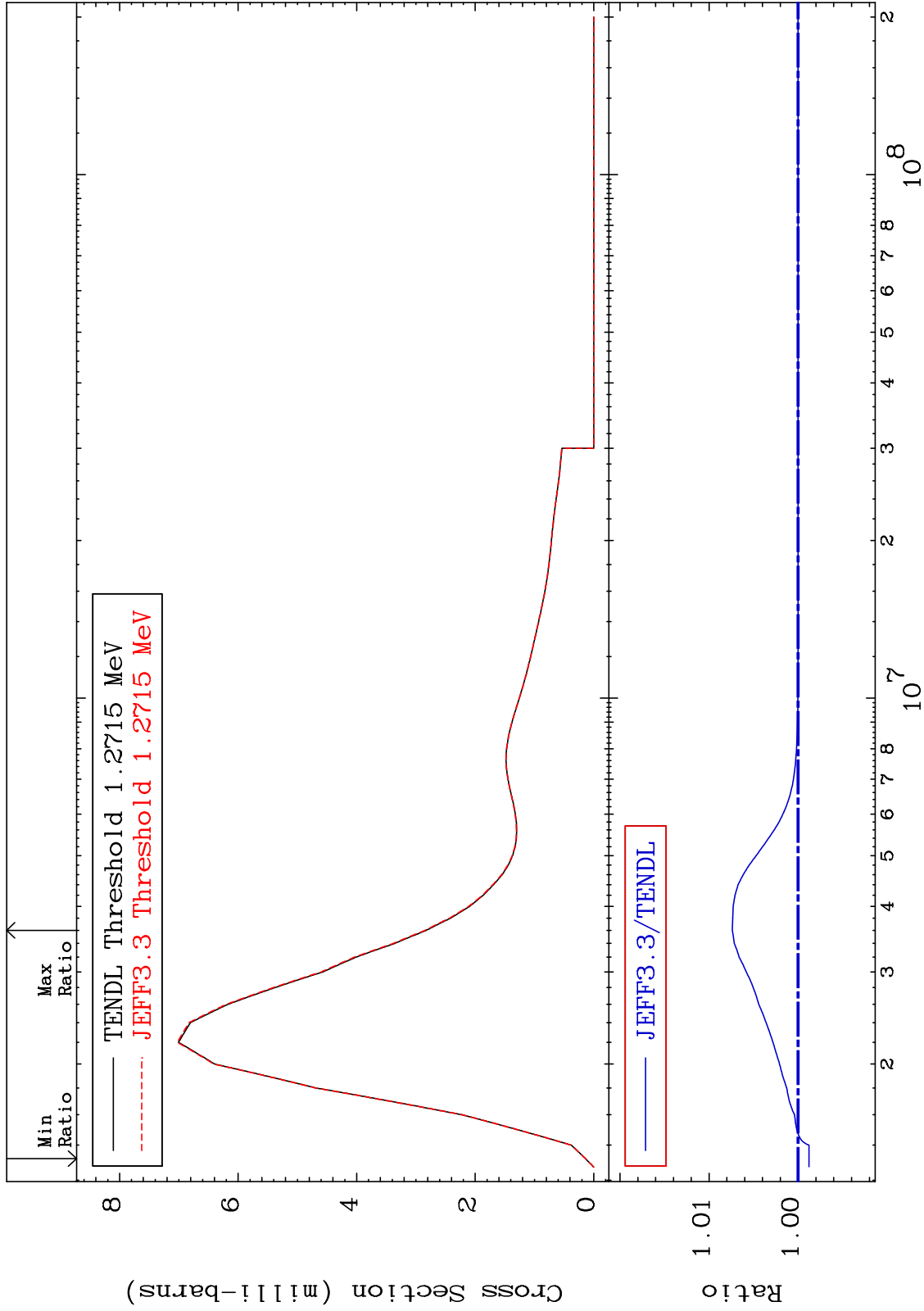
Incident Energy (eV)

68-Er-168

MAT 6843

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

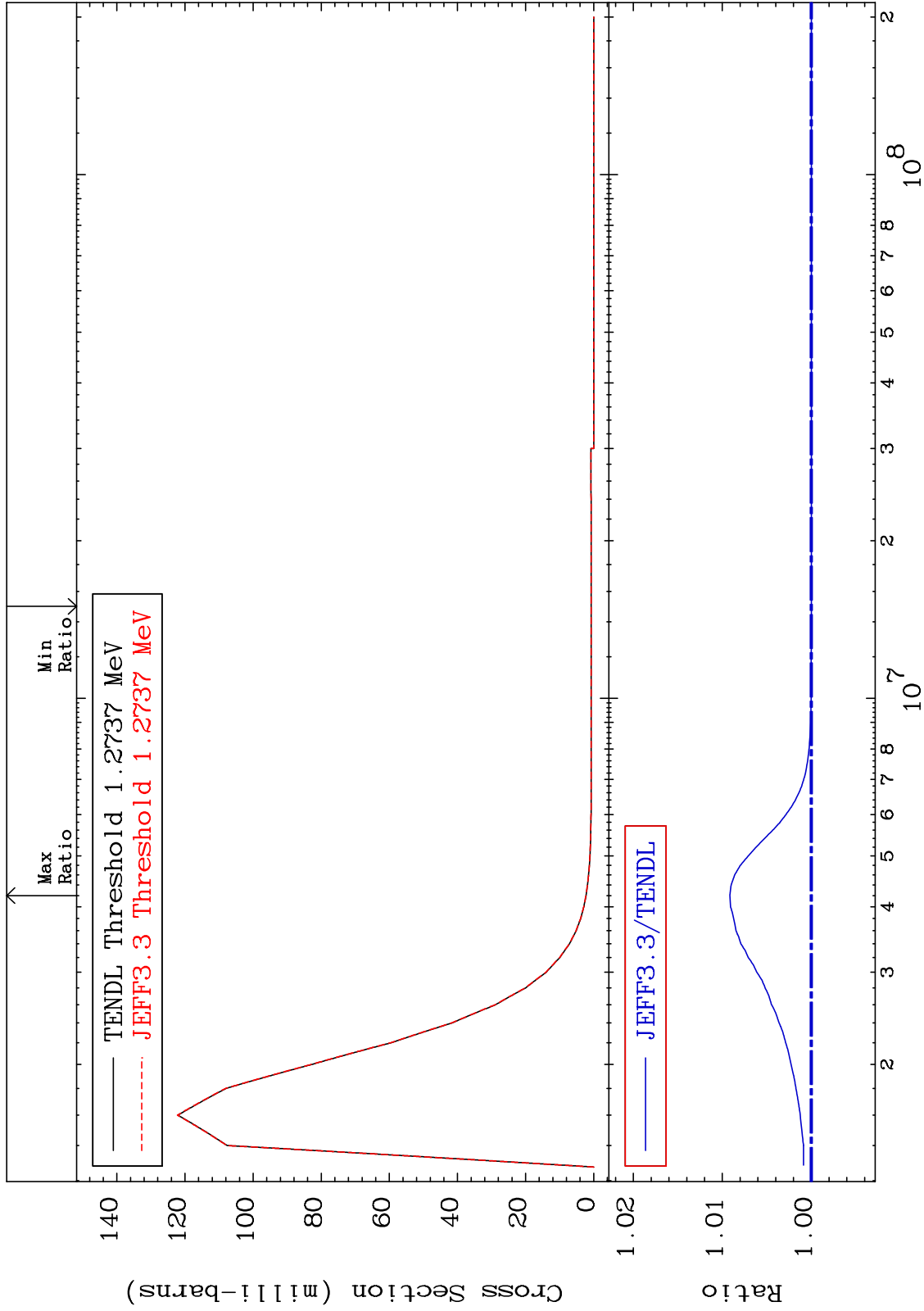
68-Er-168
-0.121 To 0.739 %



MAT 6843

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

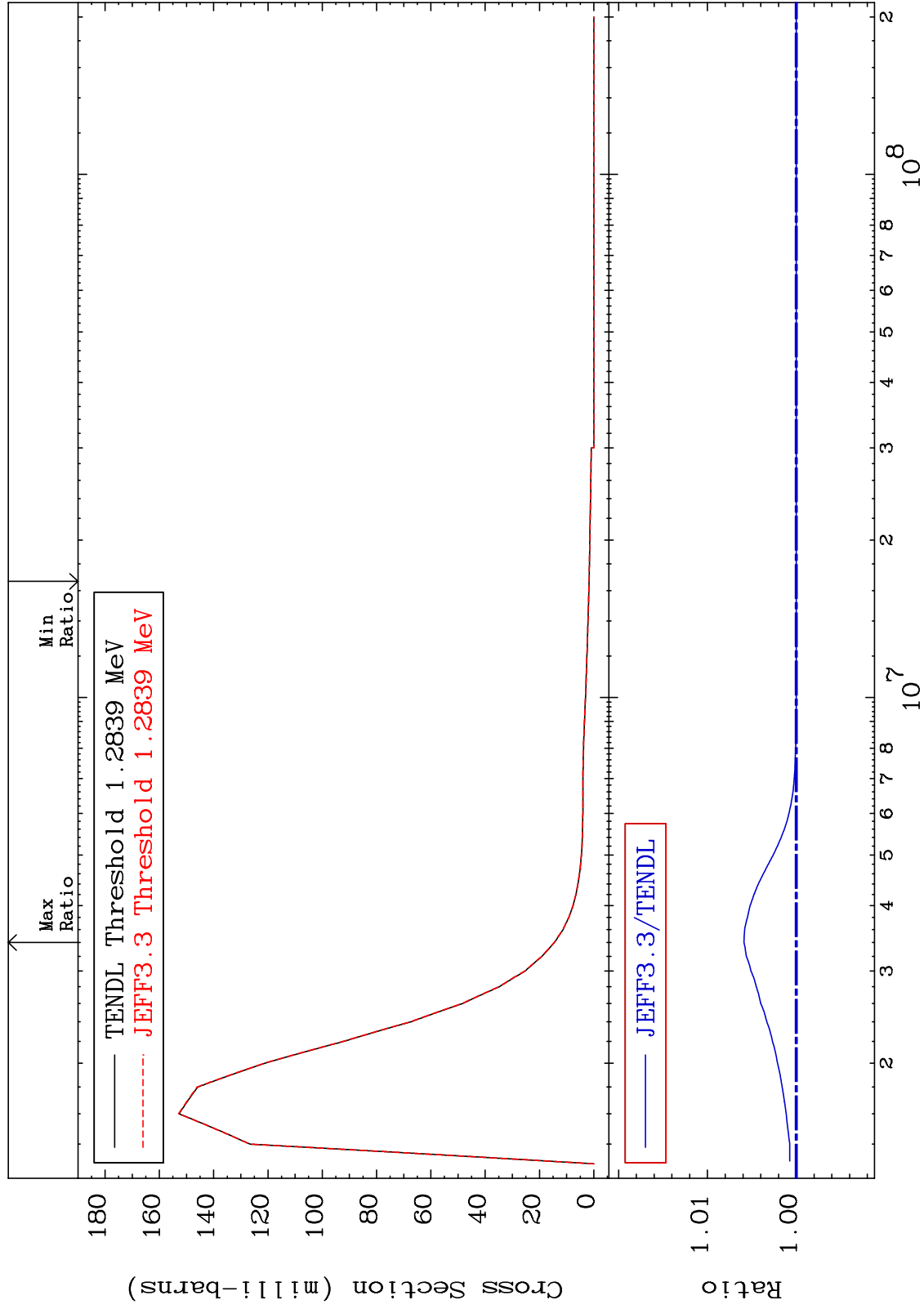
68-Er-168
0.000 To 0.915 %



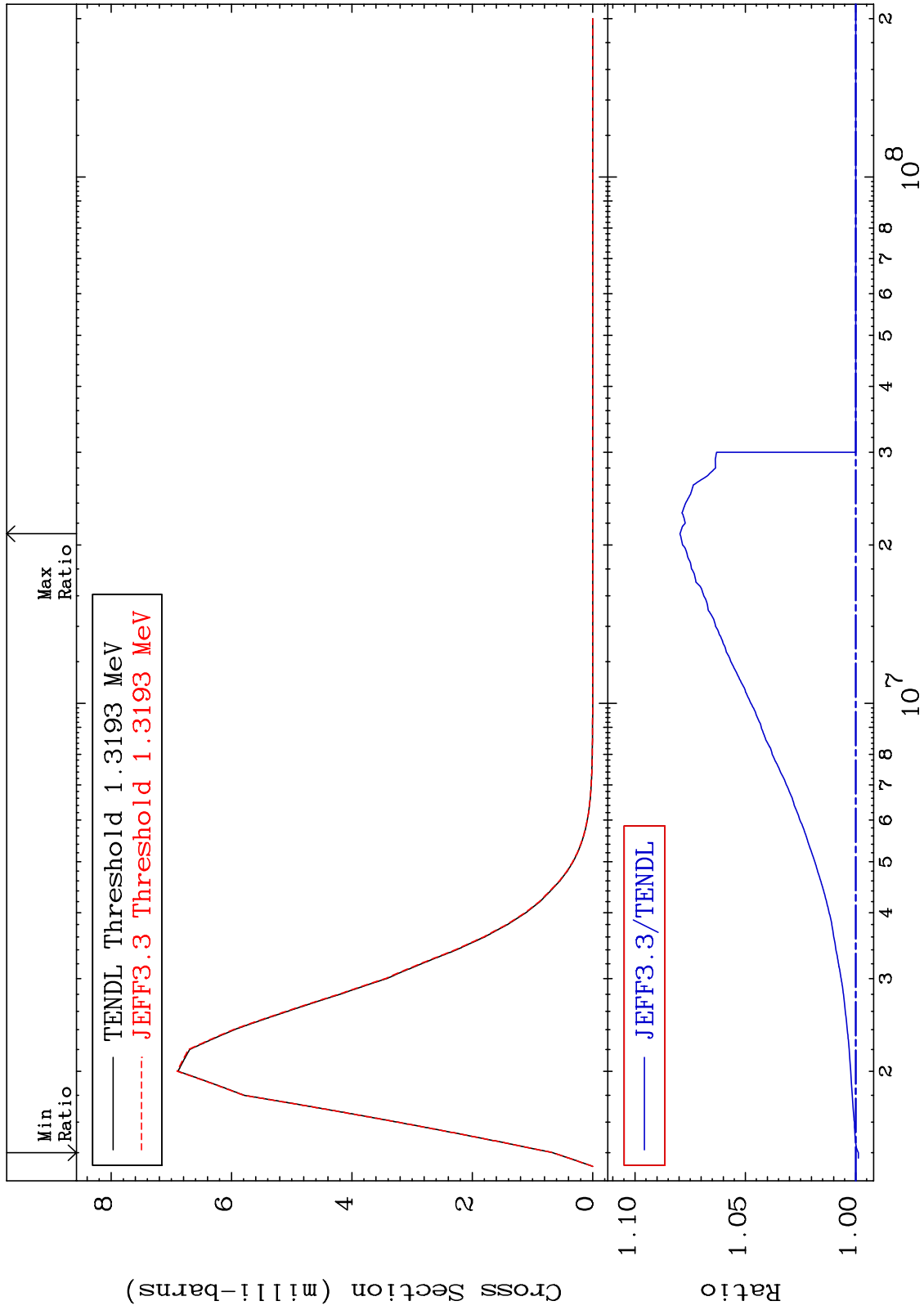
MAT 6843

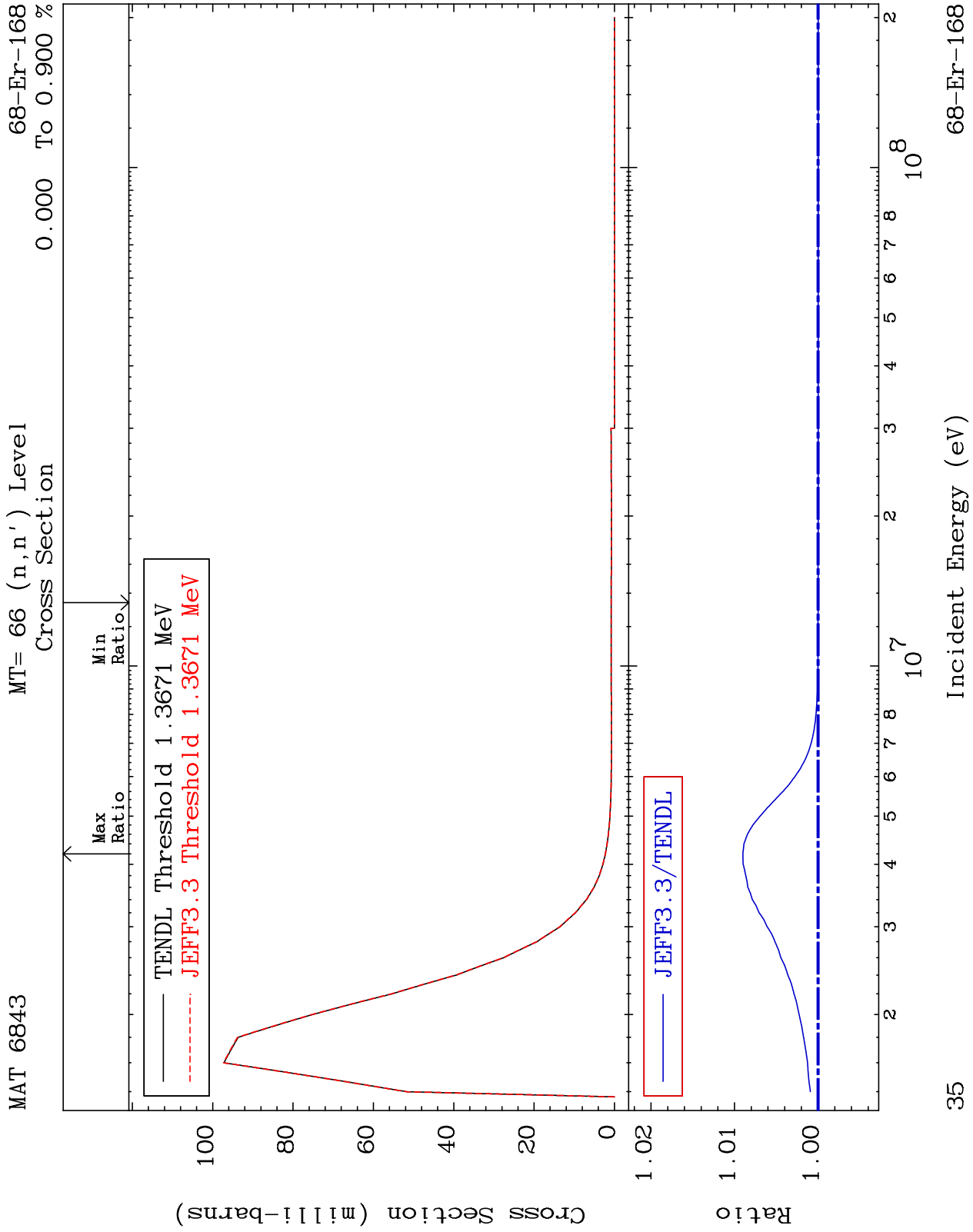
MT= 64 (n, n') Level
Cross Section

68-Er-168
0.000 To 0.589 %



MAT 6843 MT= 65 (n, n') Level
 Cross Section 68-Er-168
 -0.122 To 7.959 %

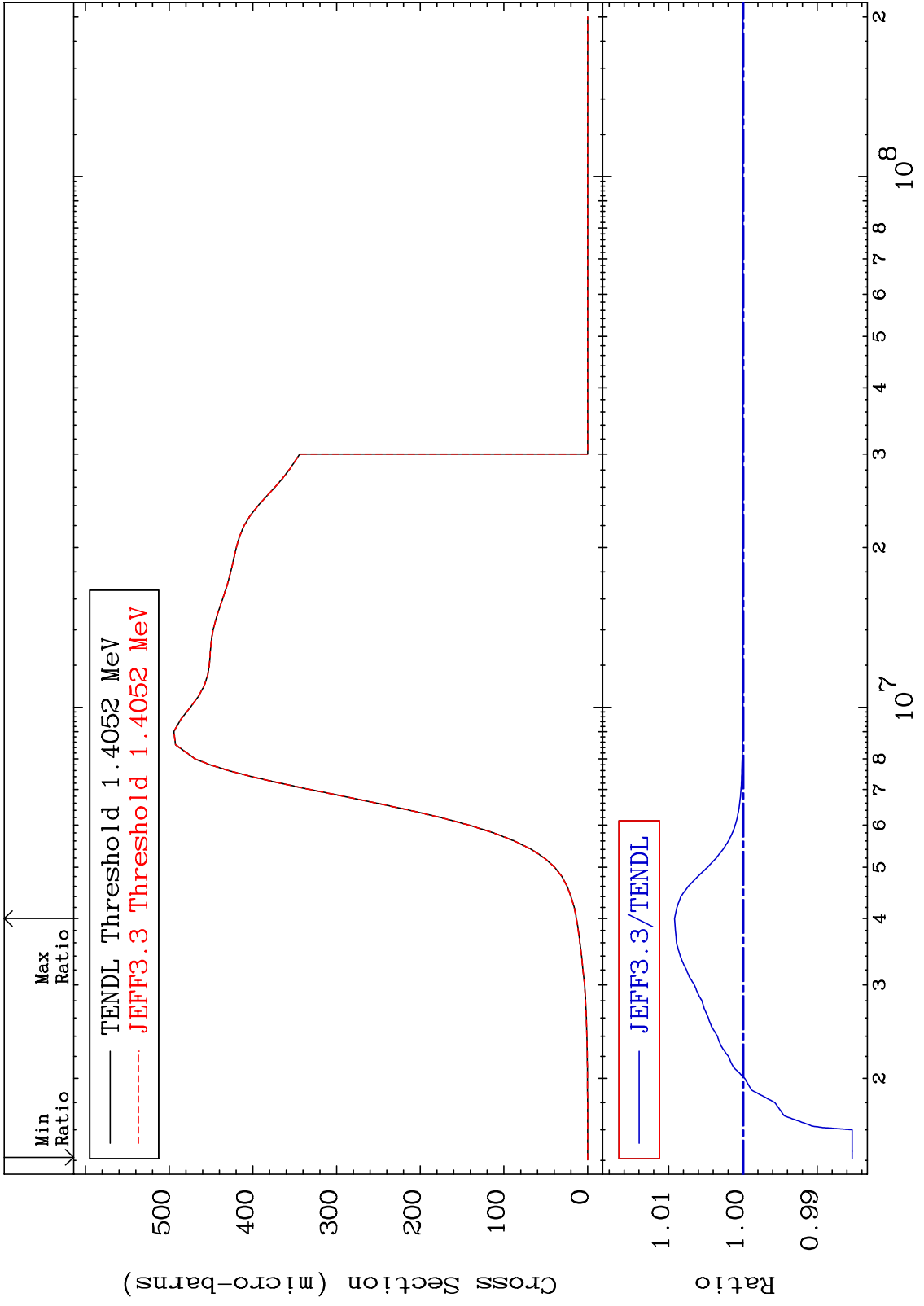




MAT 6843

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

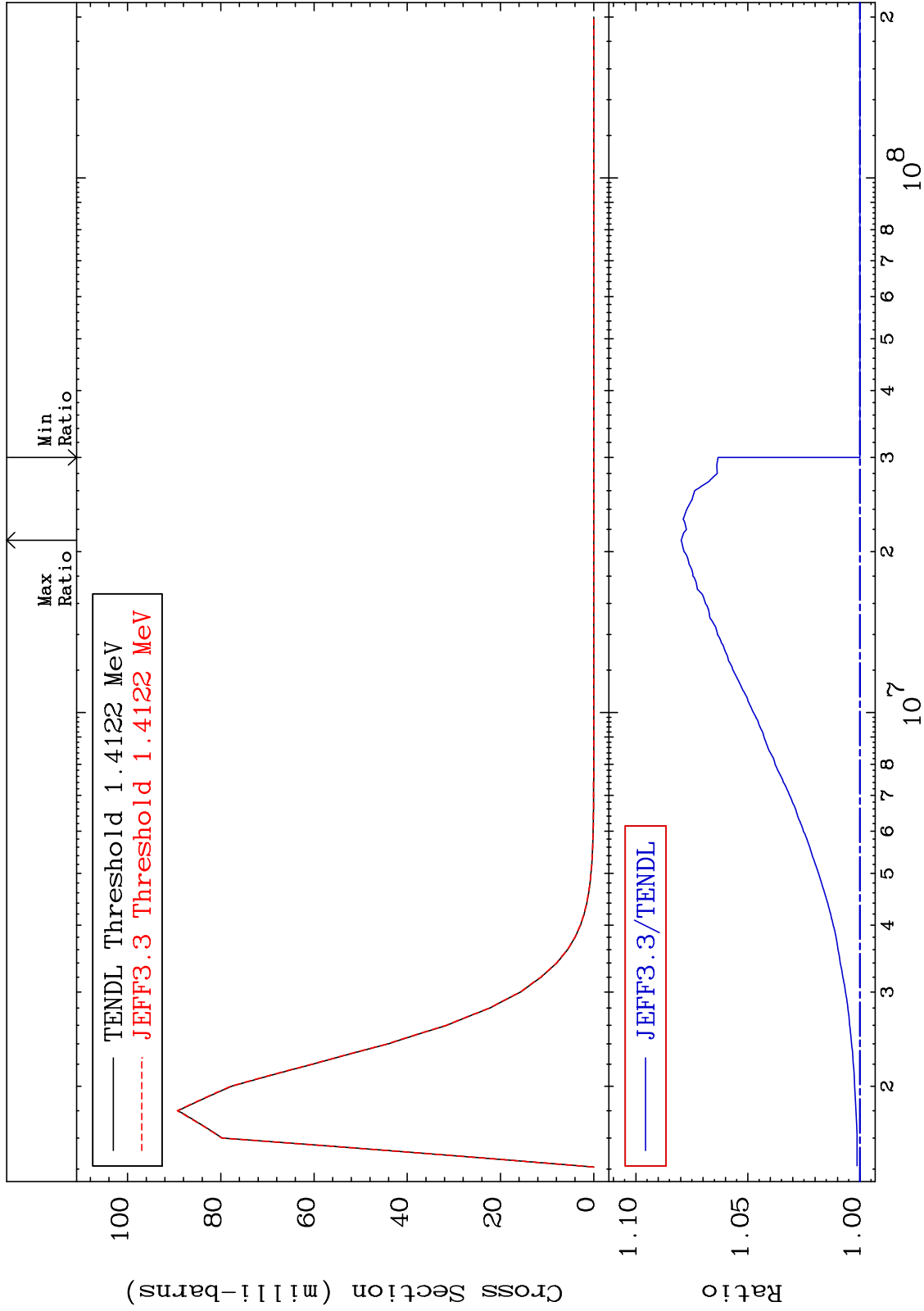
68-Er-168
-1.470 To 0.920 %



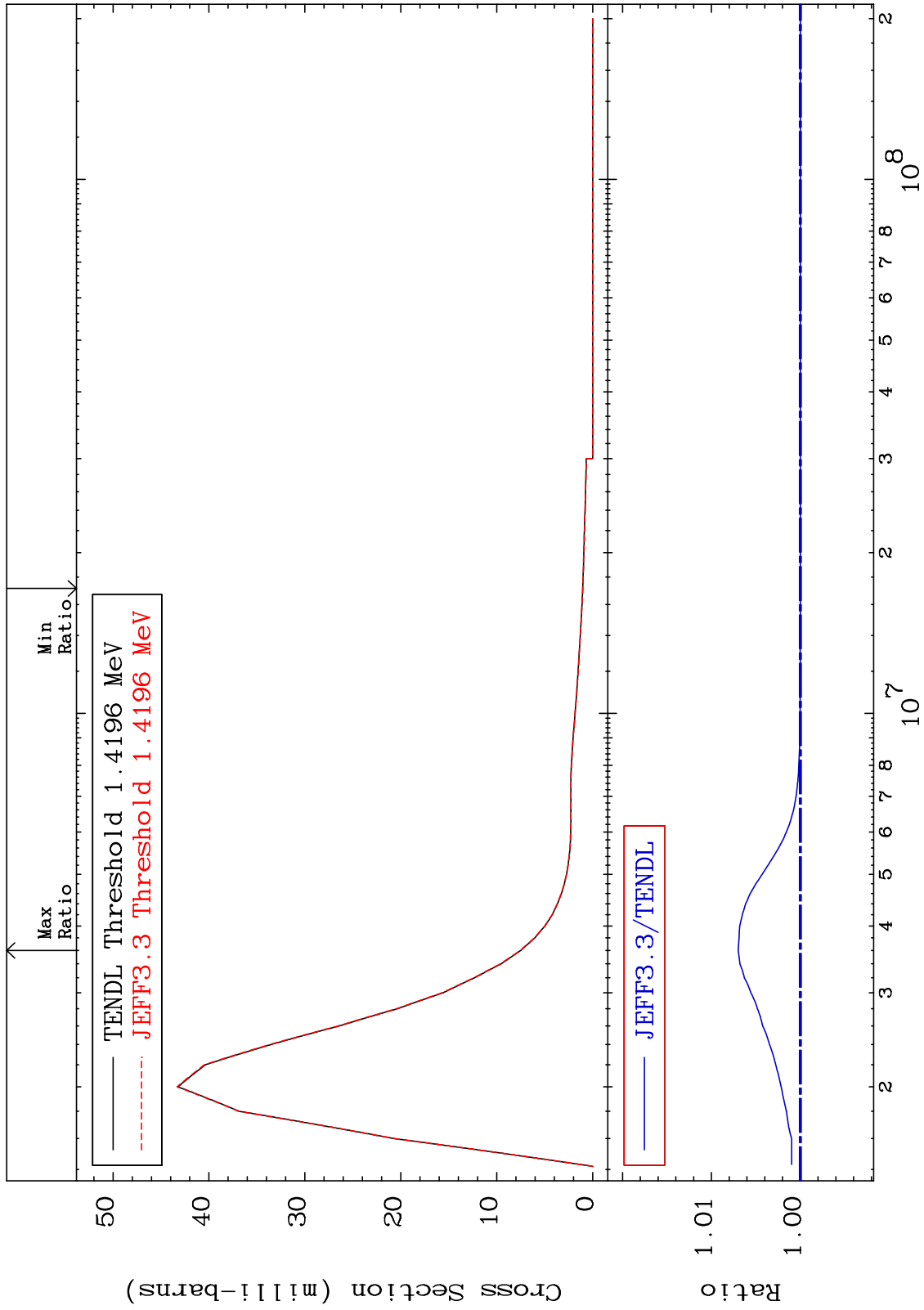
MAT 6843

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

68-Er-168
To 7.974 %
0.000



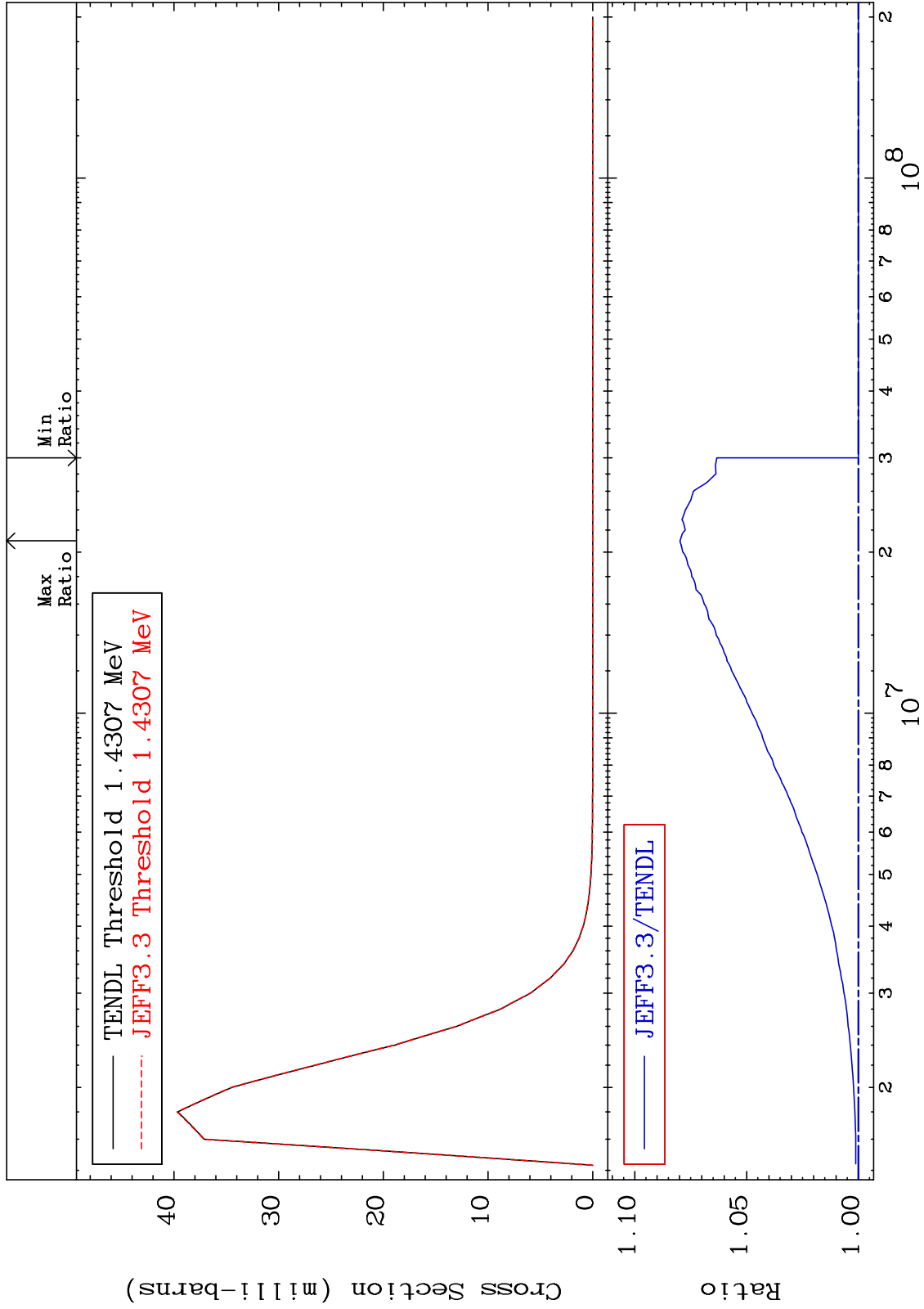
MAT 6843 MT= 69 (n, n') Level
 Cross Section 68-Er-168
 0.000 To 0.699 %



MAT 6843

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

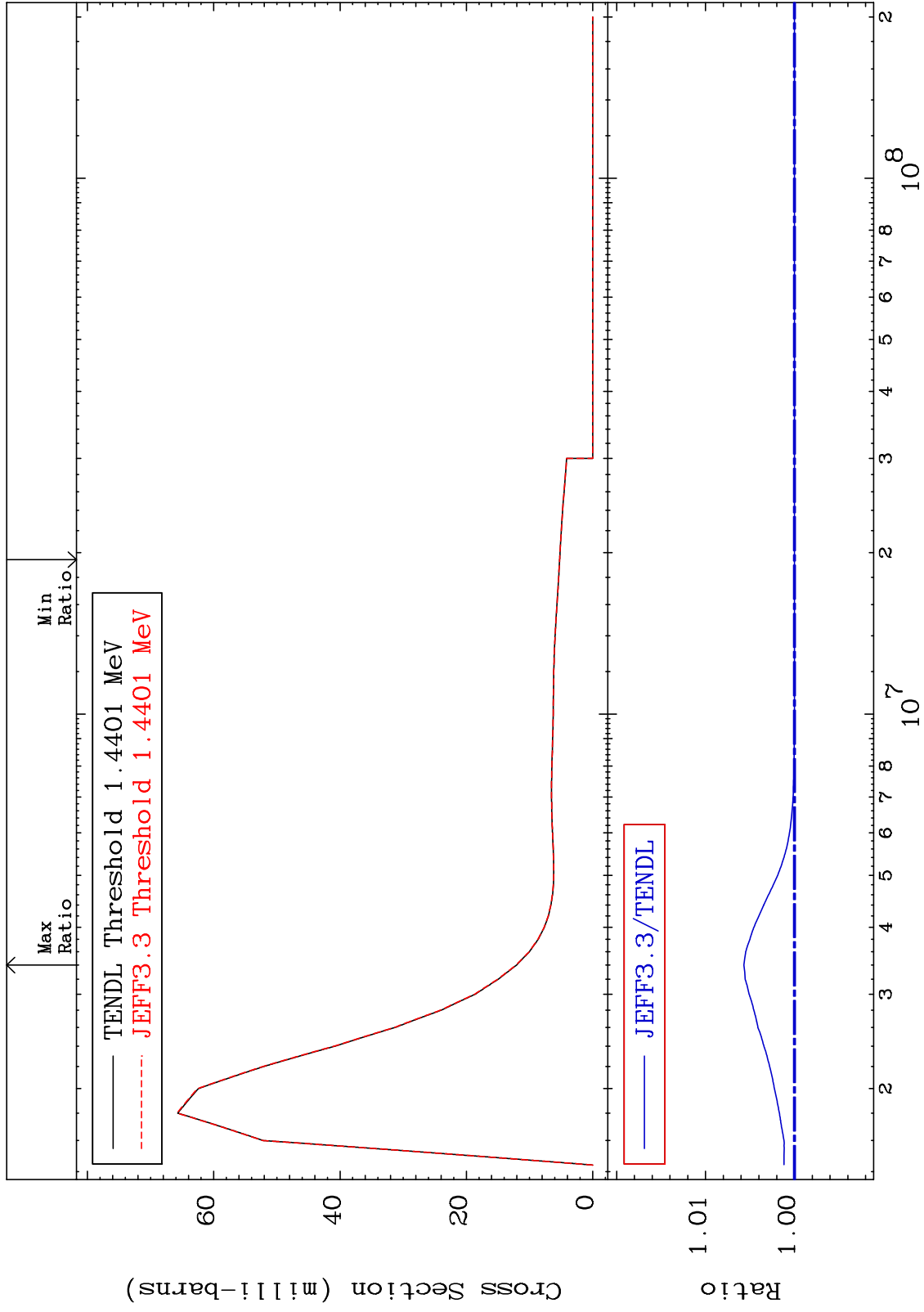
68-Er-168
To 7.977 %
0.000



MAT 6843

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

68-Er-168
0.000 To 0.568 %



40

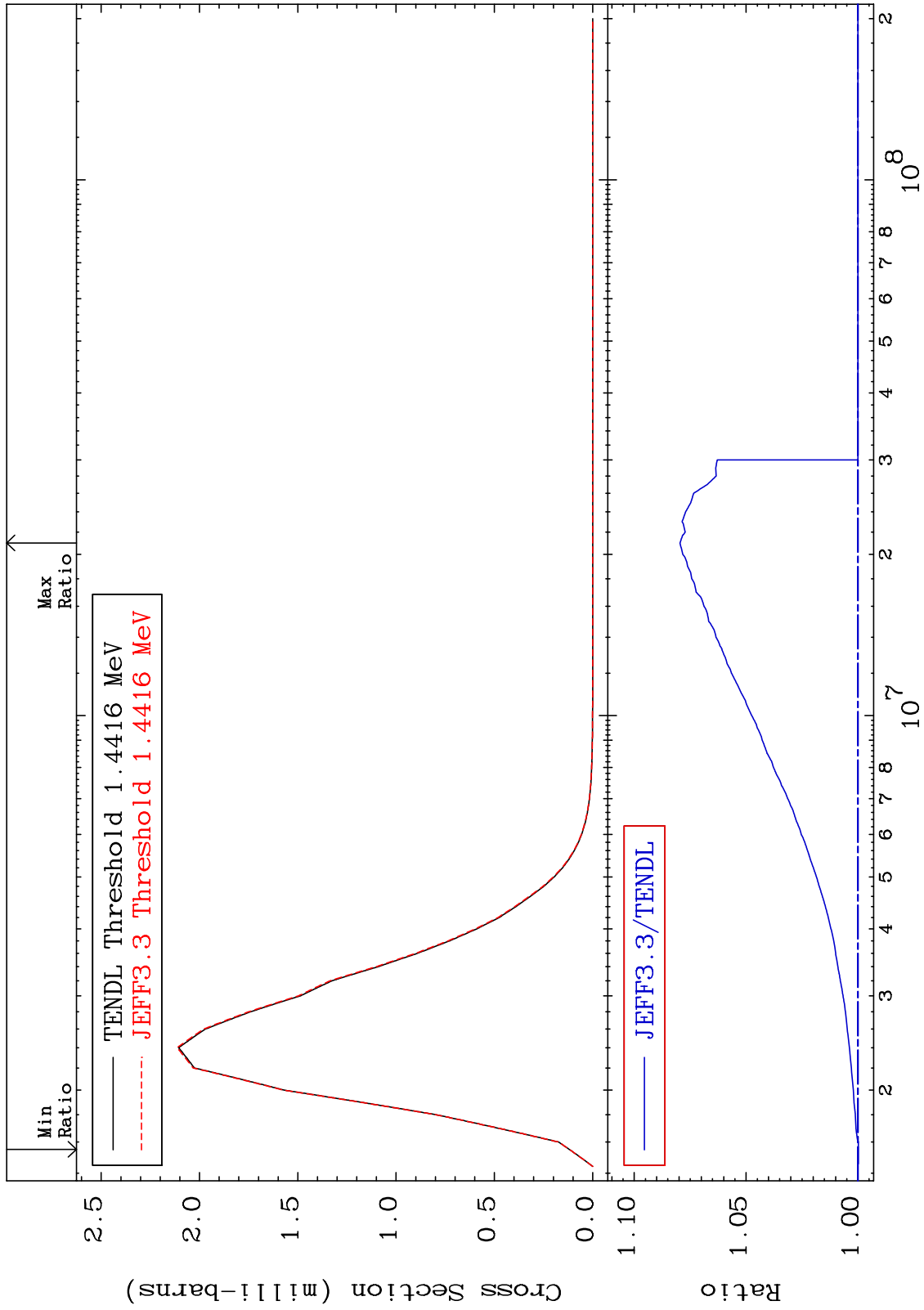
Incident Energy (eV)

68-Er-168

MAT 6843

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

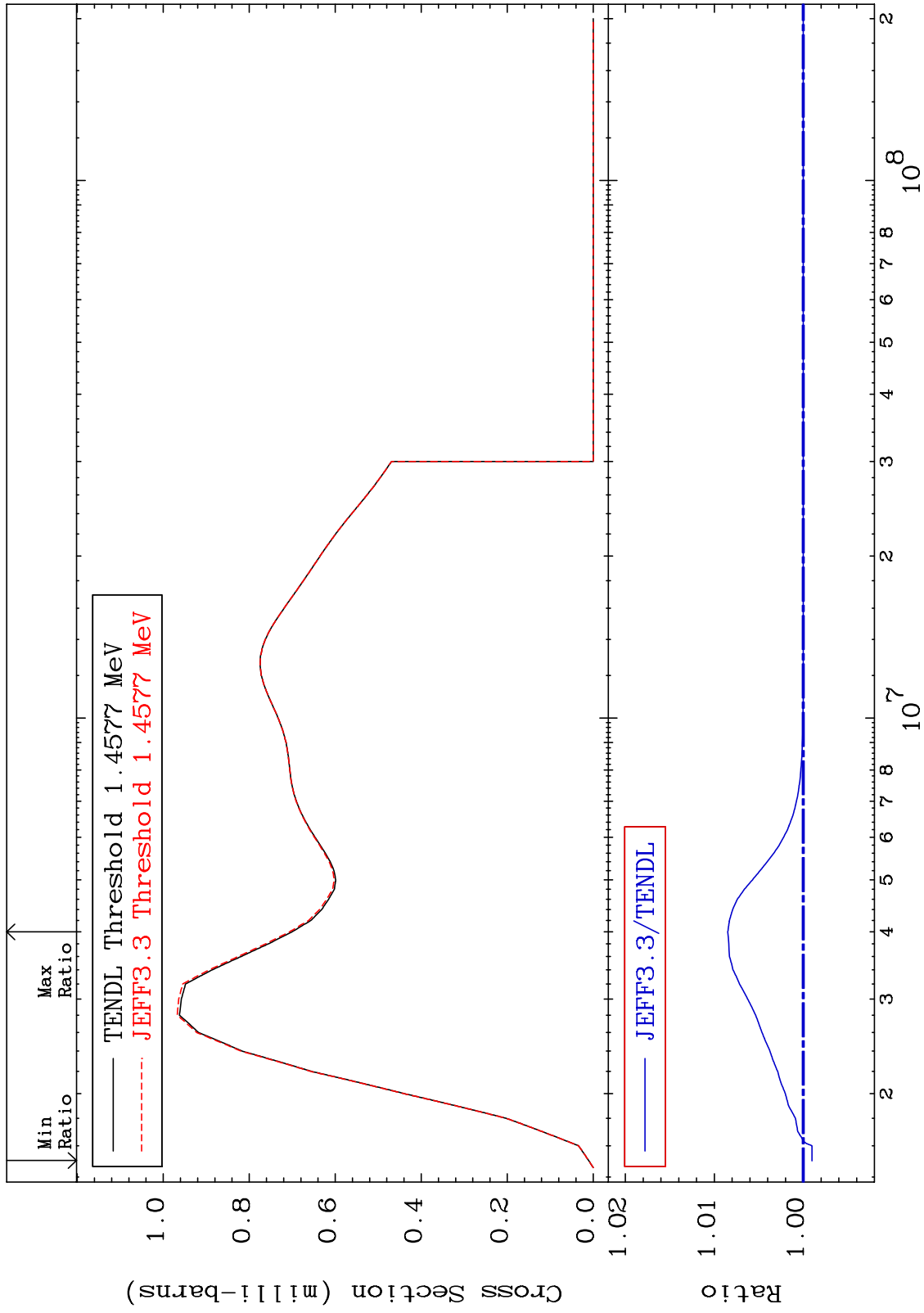
68-Er-168
-0.020 To 7.954 %



MAT 6843

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

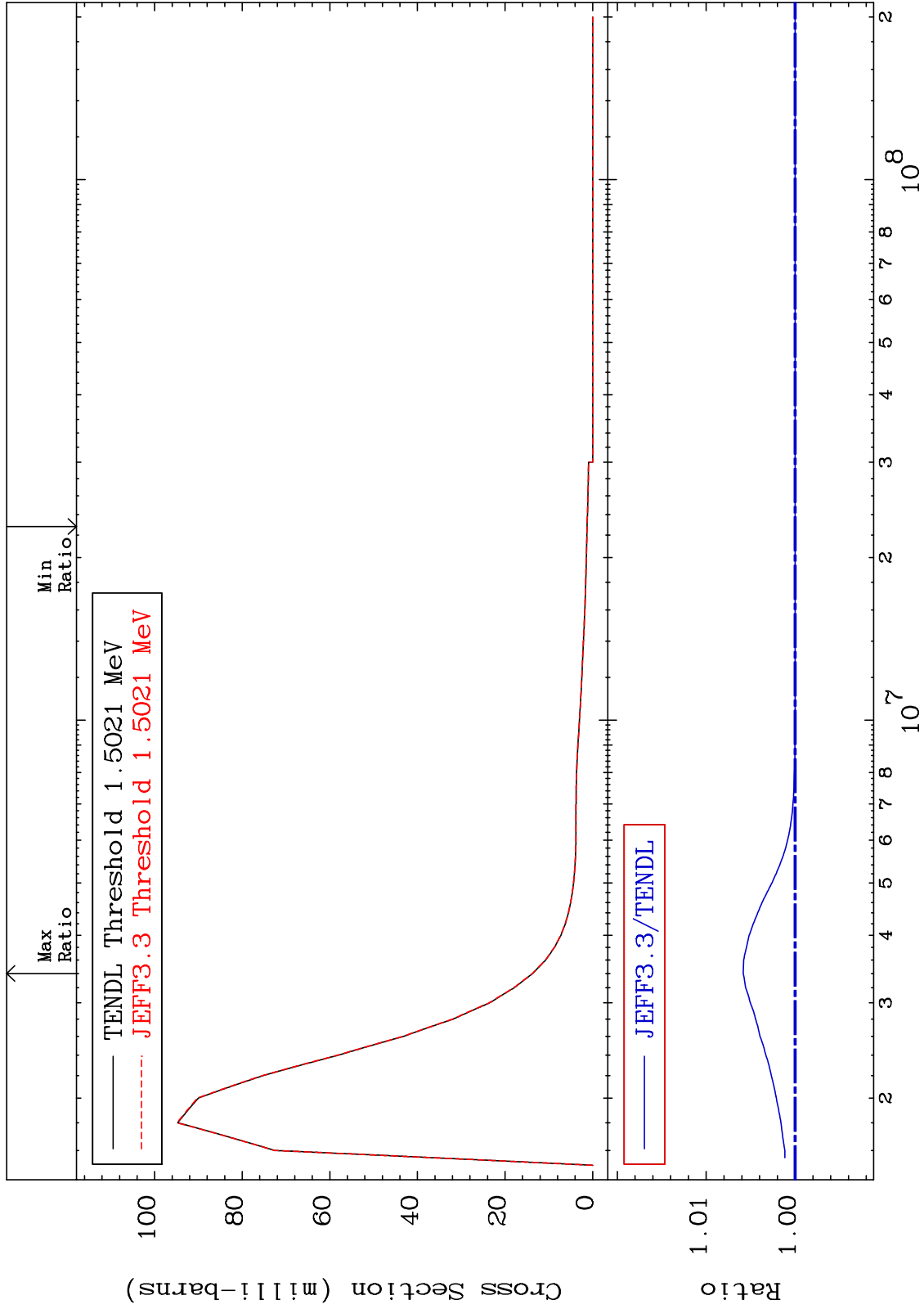
68-Er-168
-0.098 To 0.849 %



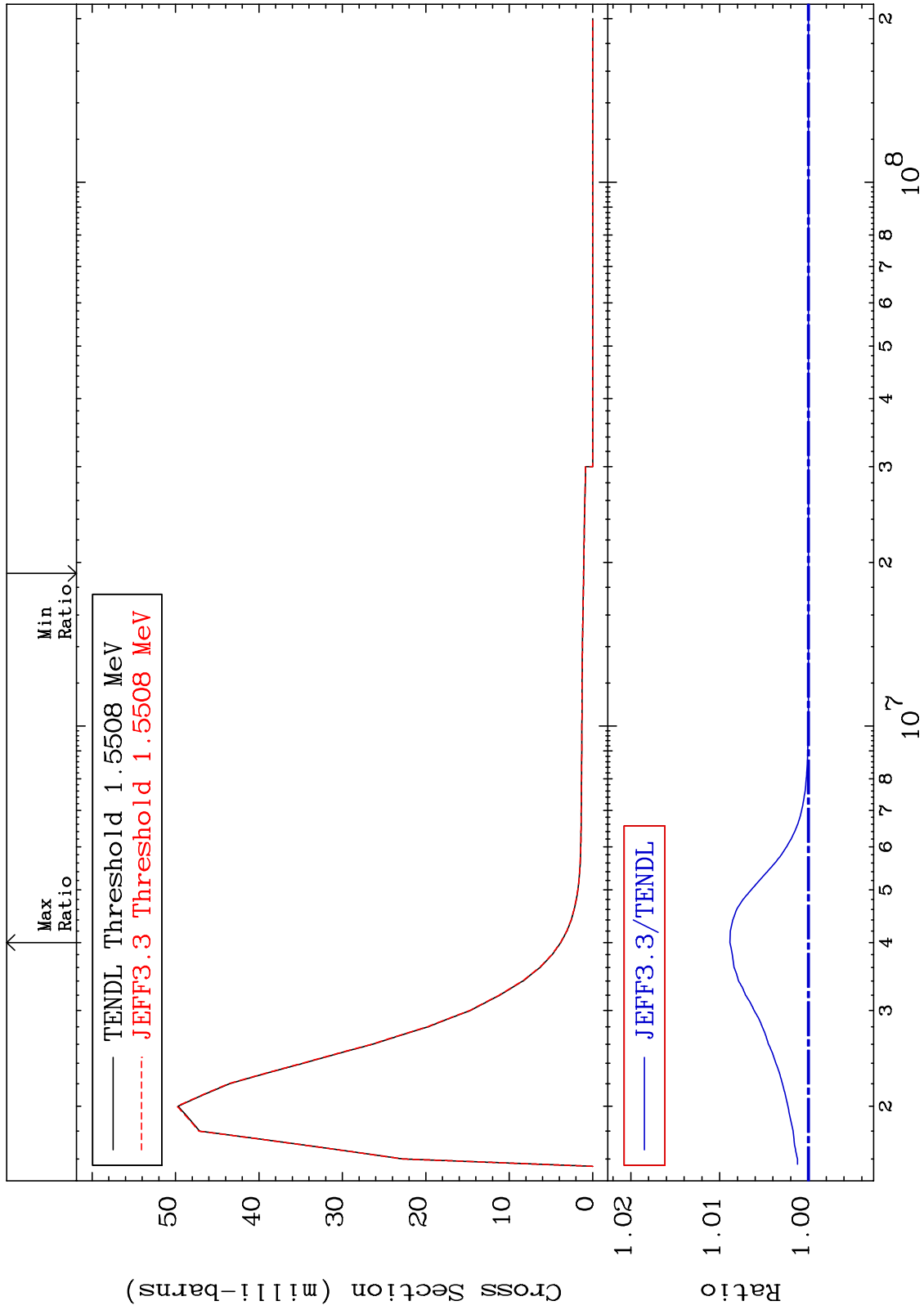
MAT 6843

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

68-Er-168
0.000 To 0.584 %



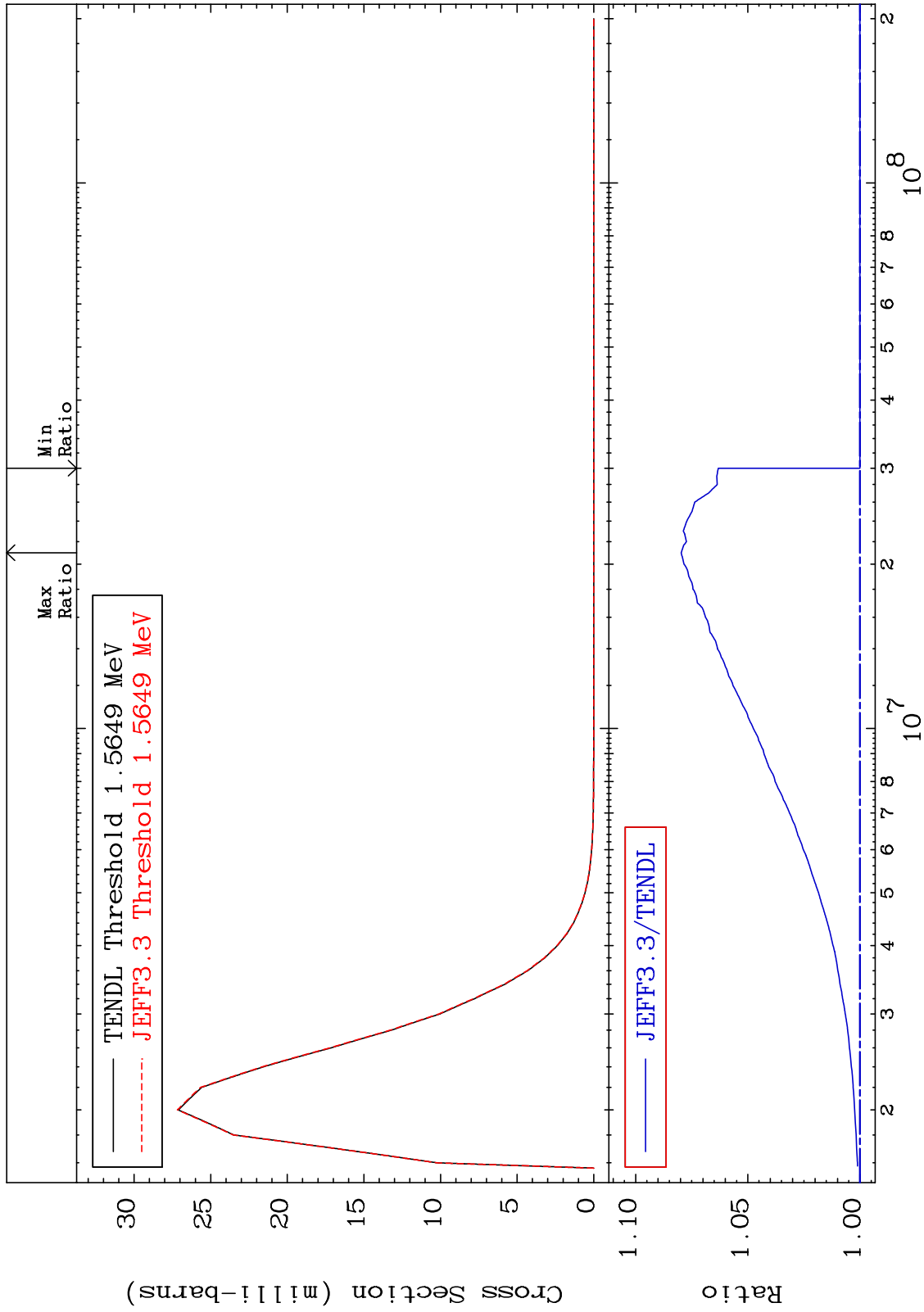
MAT 6843 MT= 75 (n,n') Level Cross Section 68-Er-168 To 0.884 %



MAT 6843

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

68-Er-168
To 7.968 %
0.000



45

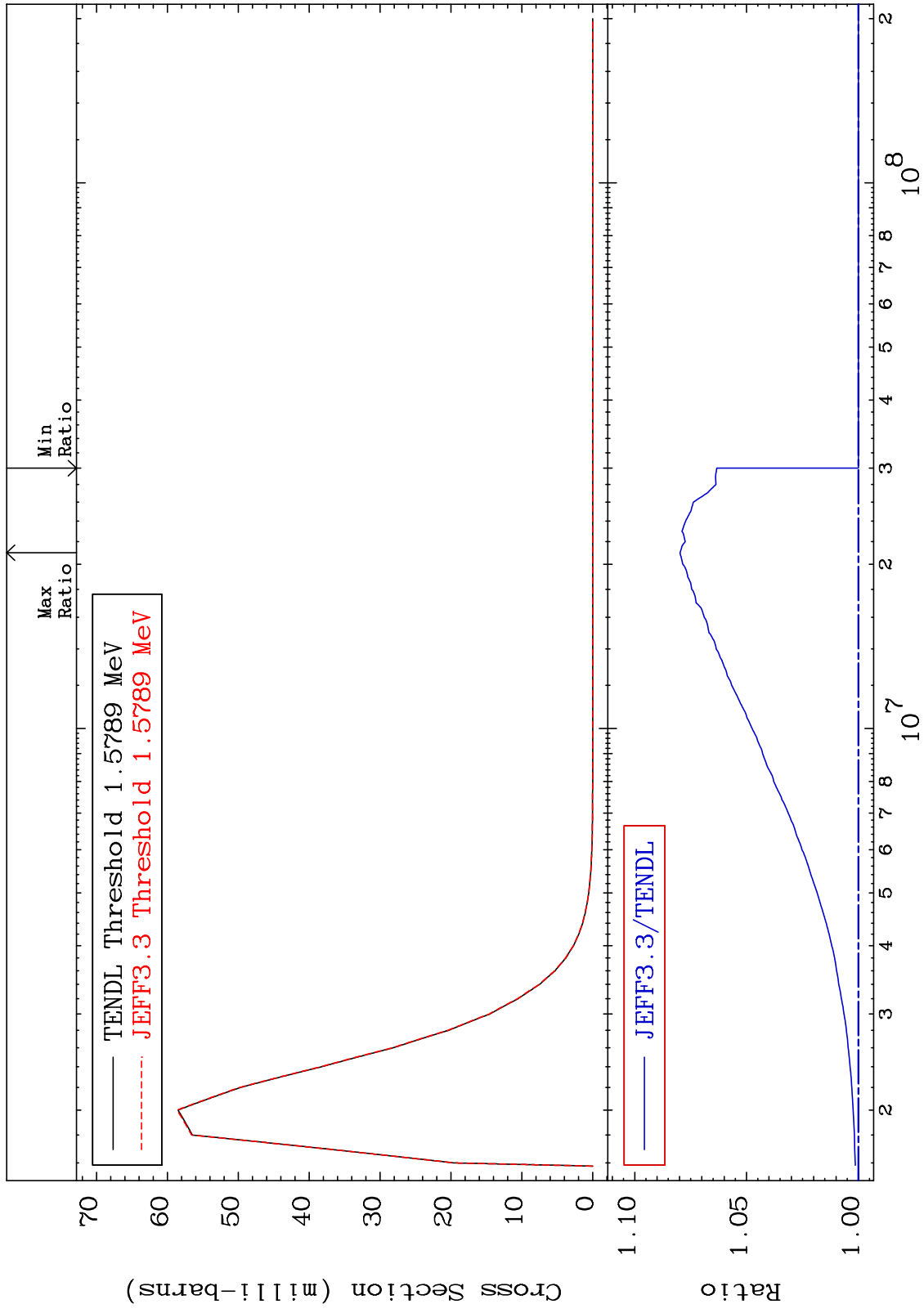
Incident Energy (eV)

68-Er-168

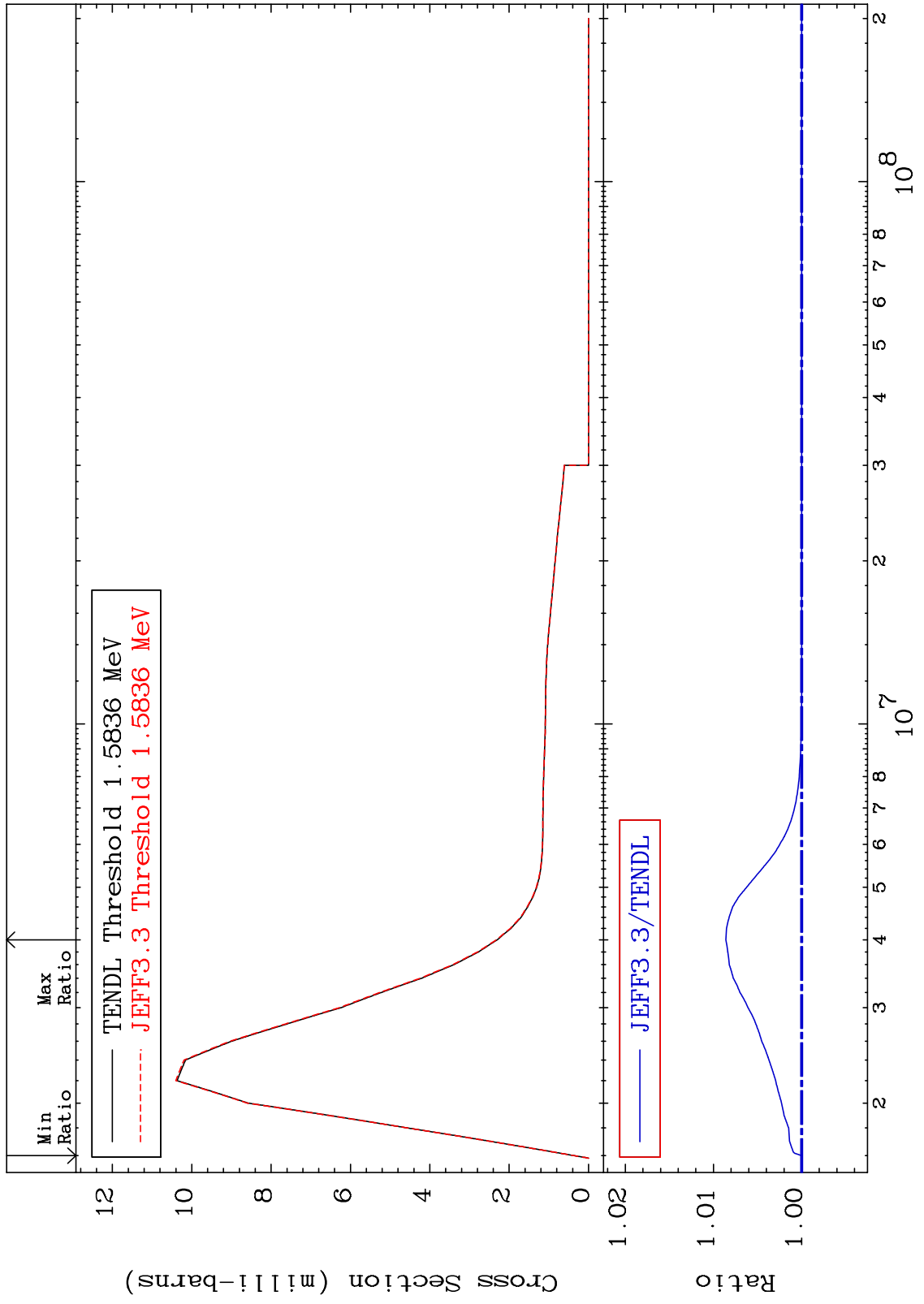
MAT 6843

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

68-Er-168
To 7.974 %
0.000



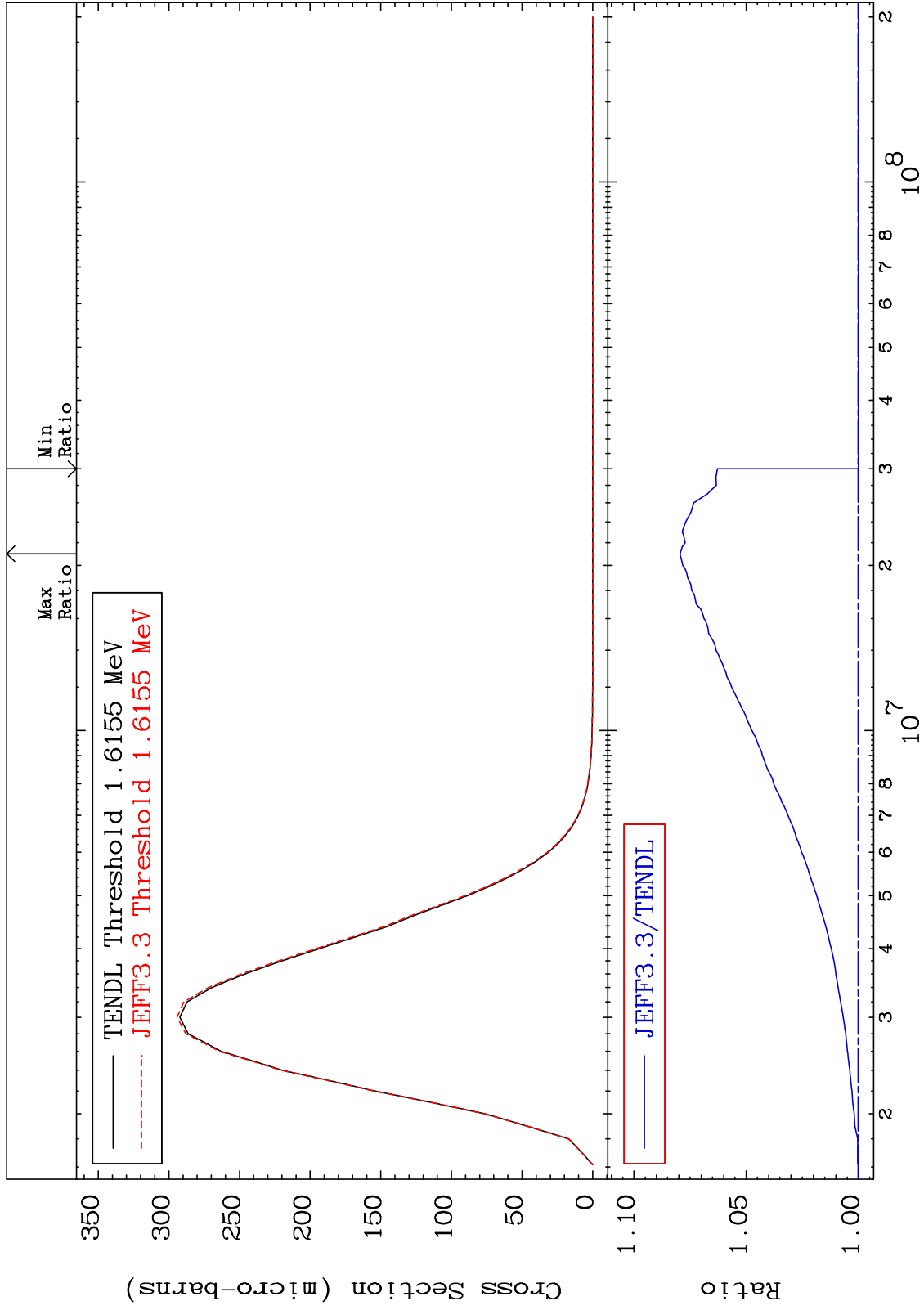
MAT 6843 MT= 78 (n,n') Level
 Cross Section 0.000 To 0.859 % 68-Er-168



MAT 6843

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

68-Er-168
To 7.947 %
0.000



48

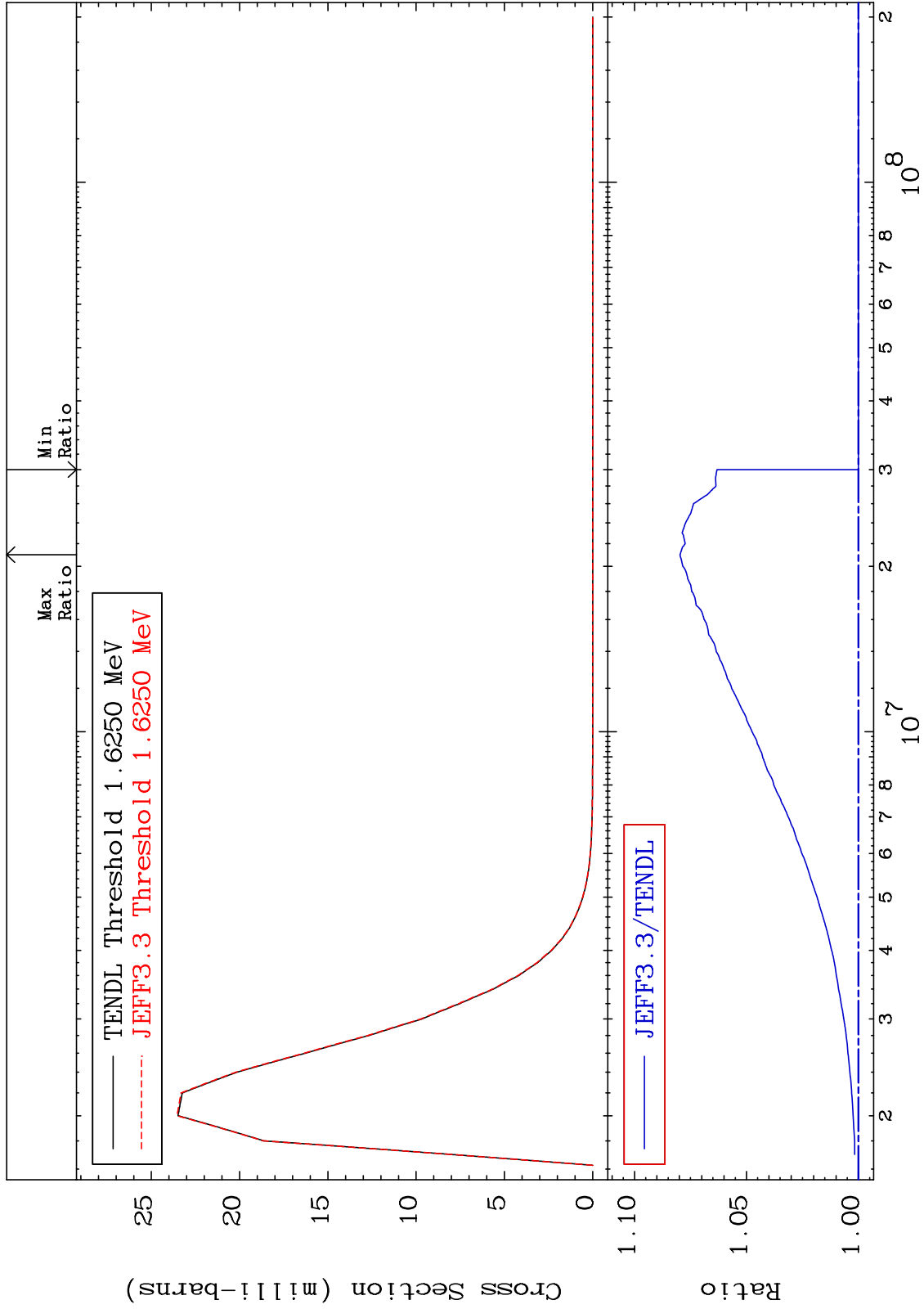
Incident Energy (eV)

68-Er-168

MAT 6843

MT= 80 (n, n') Level
Cross Section

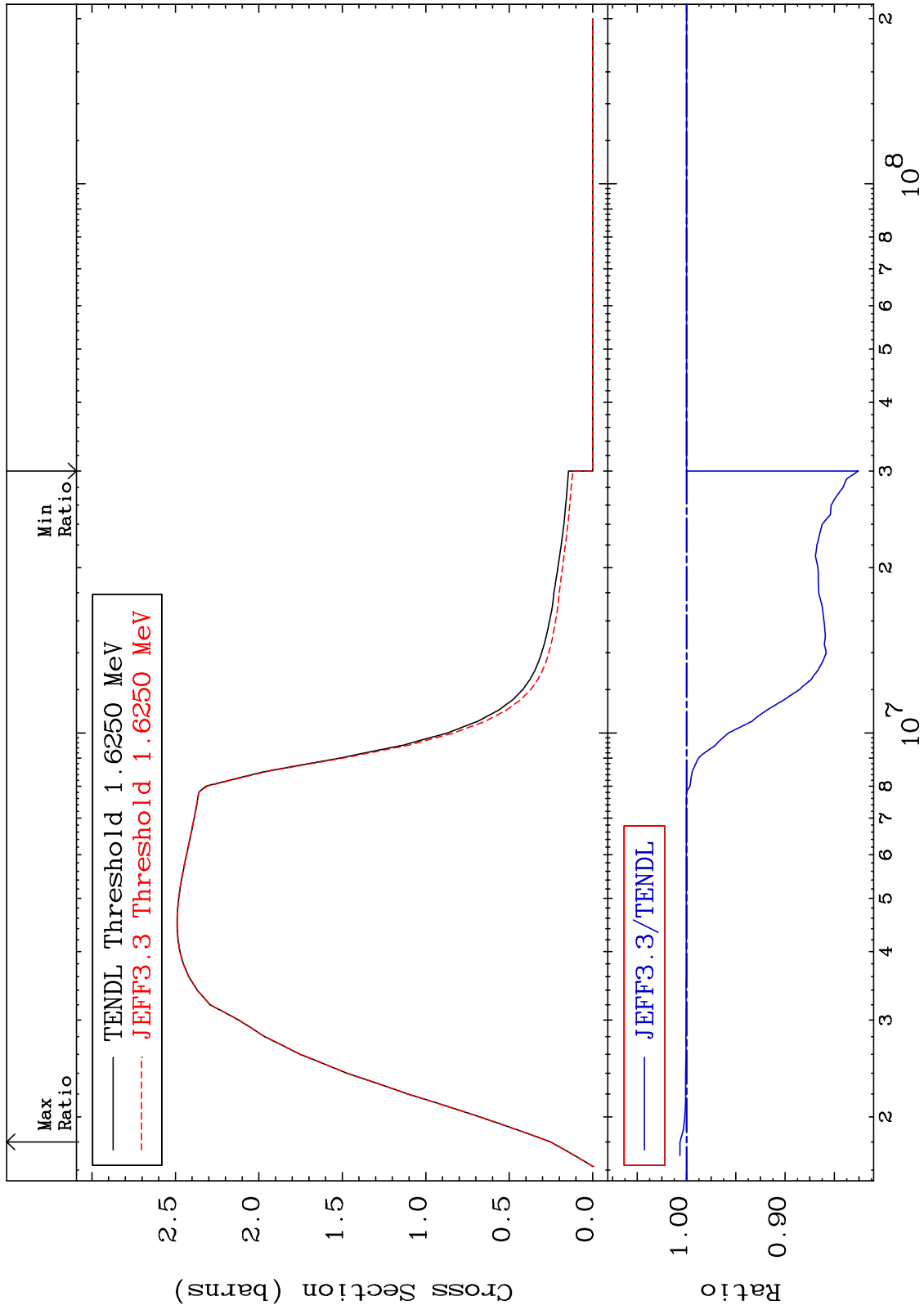
68-Er-168
To 7.968 %
0.000



MAT 6843

(n, n') Continuum
Cross Section

68-Er-168
-17.44 To 0.663 %



50

Incident Energy (eV)

68-Er-168

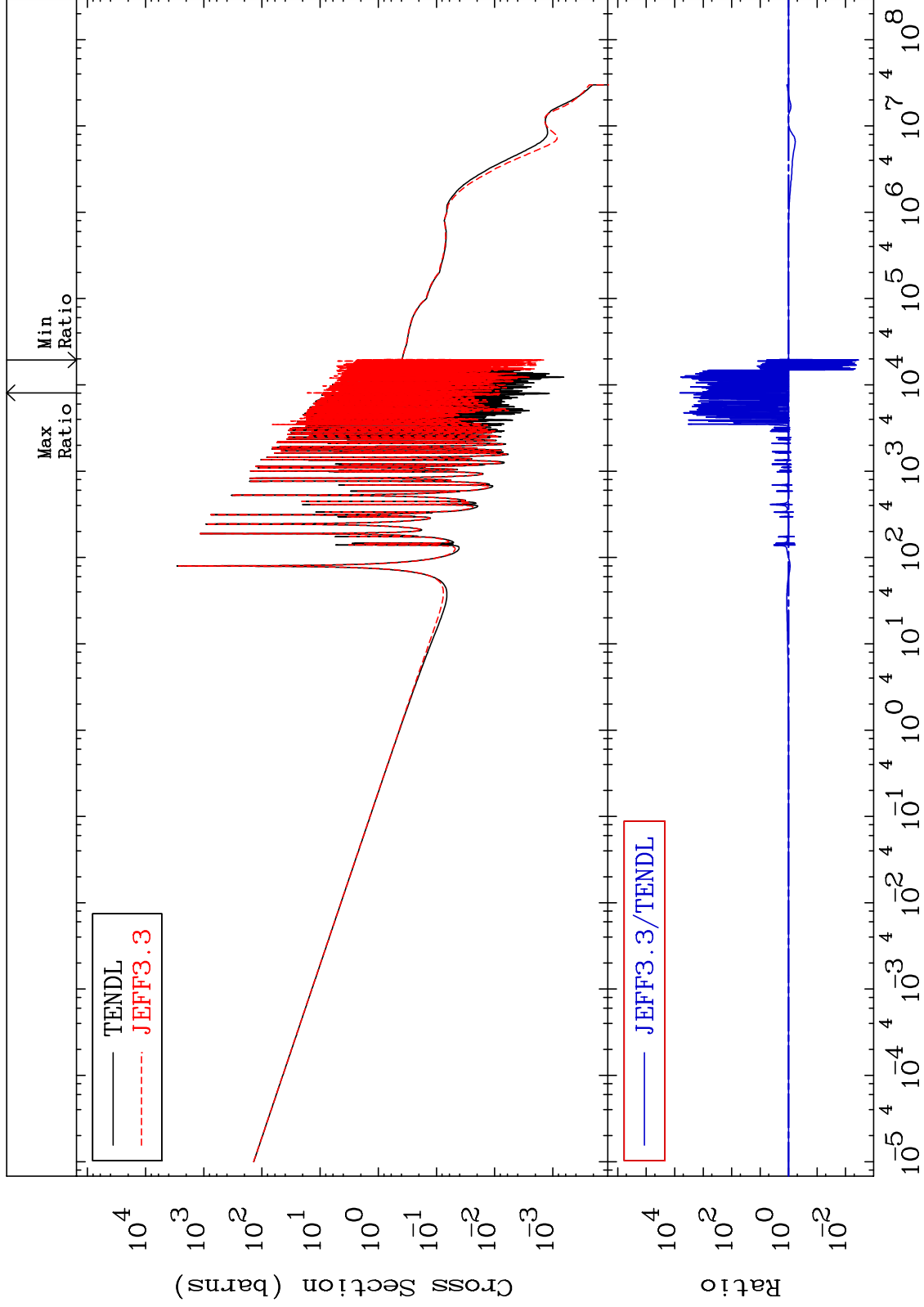
MAT 6843

(n, γ)

68-Er-168

Cross Section

-99.65 To 9999. %



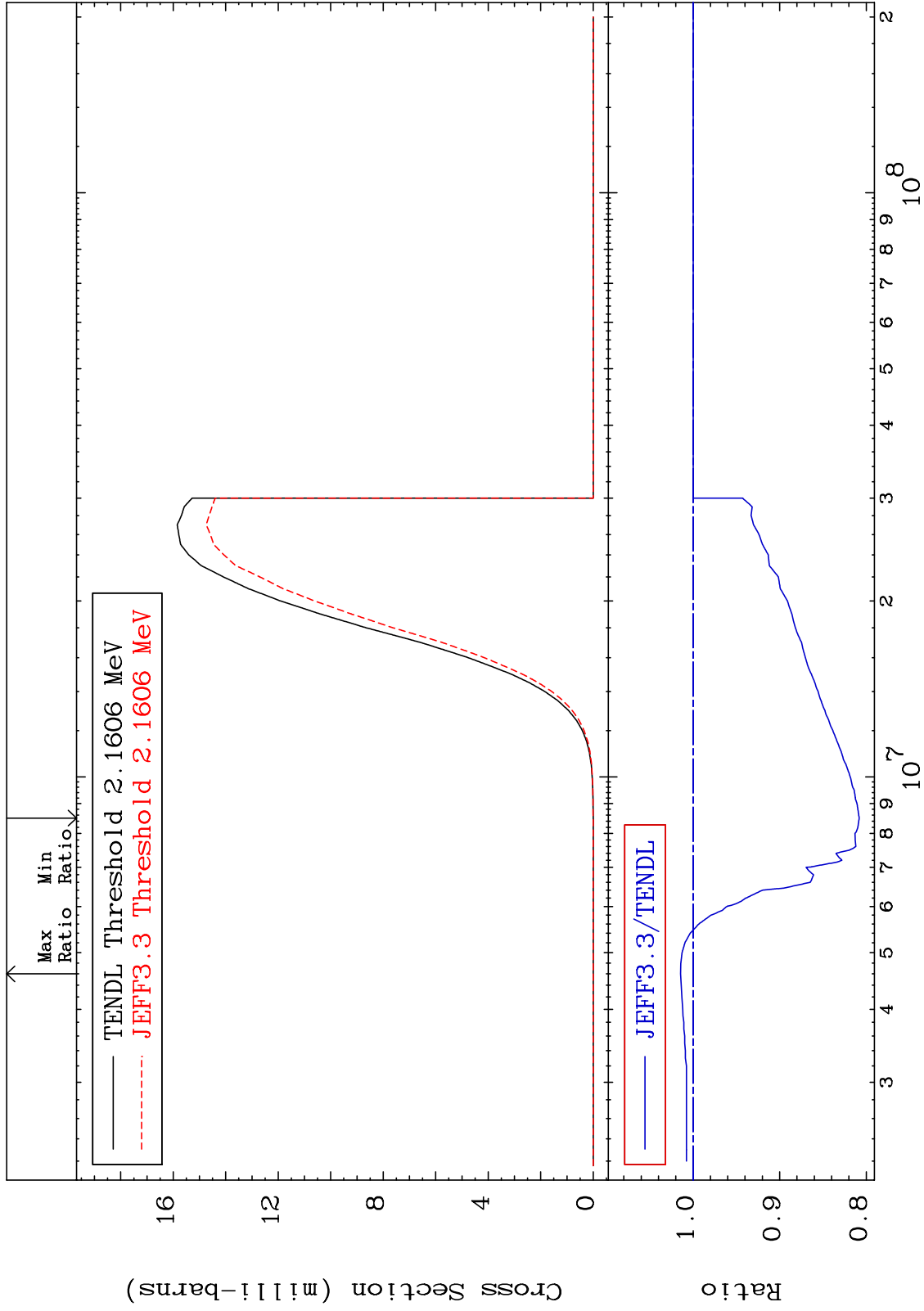
MAT 6843

(n, p)

68-Er-168

Cross Section

-19.18 To 1.444 %



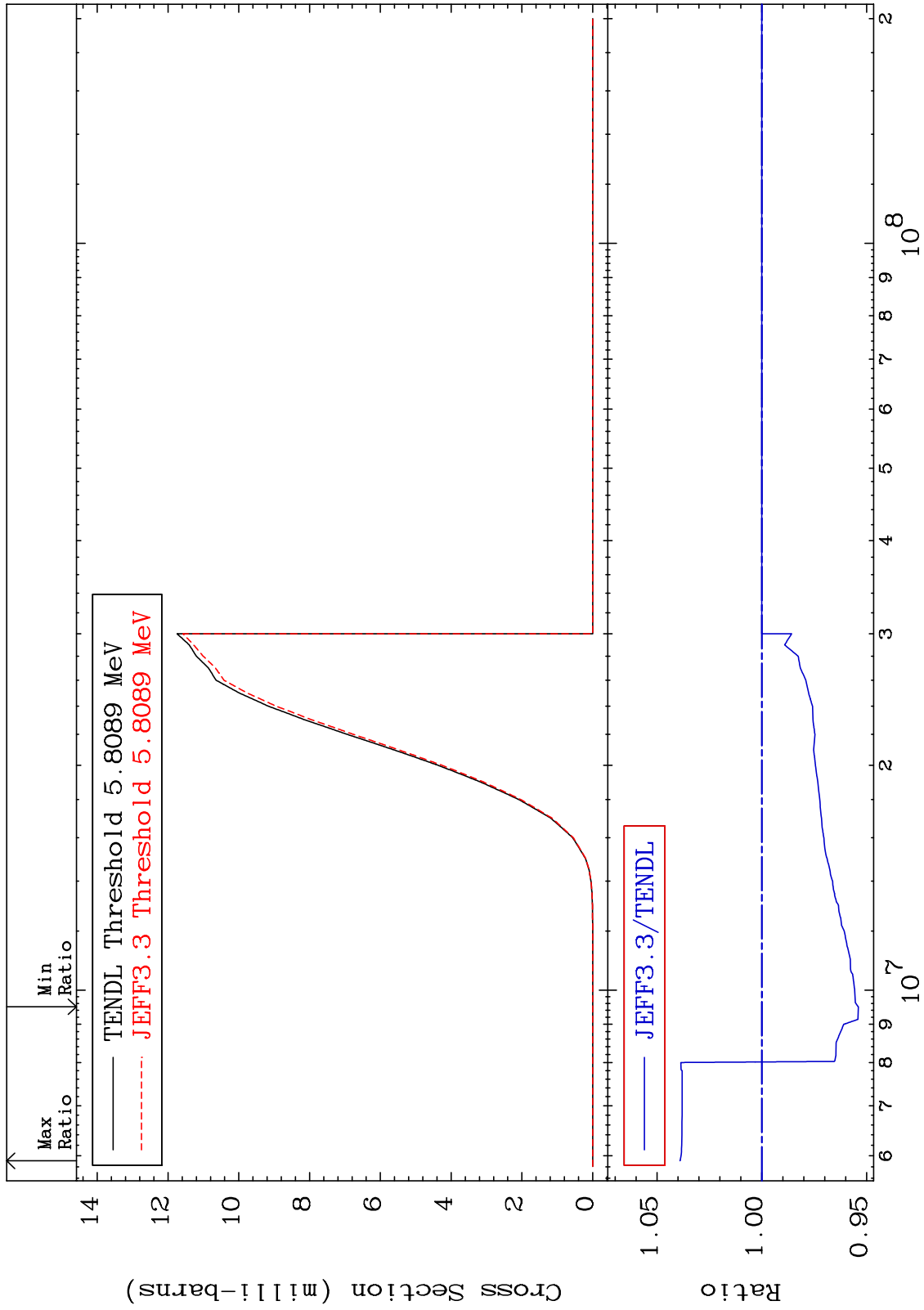
MAT 6843

(n, d)

68-Er-168

Cross Section

-4.608 To 3.905 %



53

68-Er-168

68-Er-168

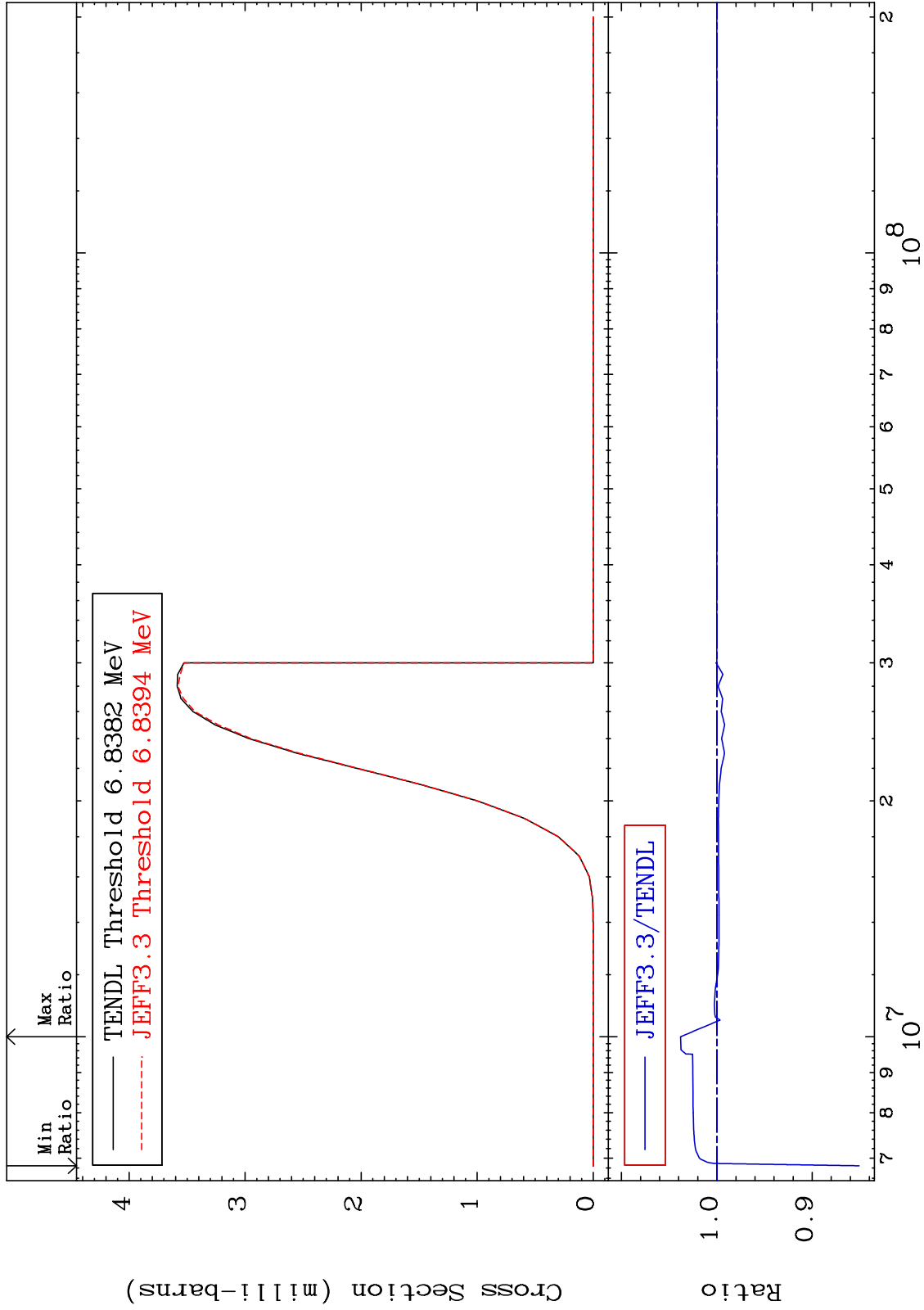
MAT 6843

(n, t)

68-Er-168

Cross Section

-14.93 To 3.797 %



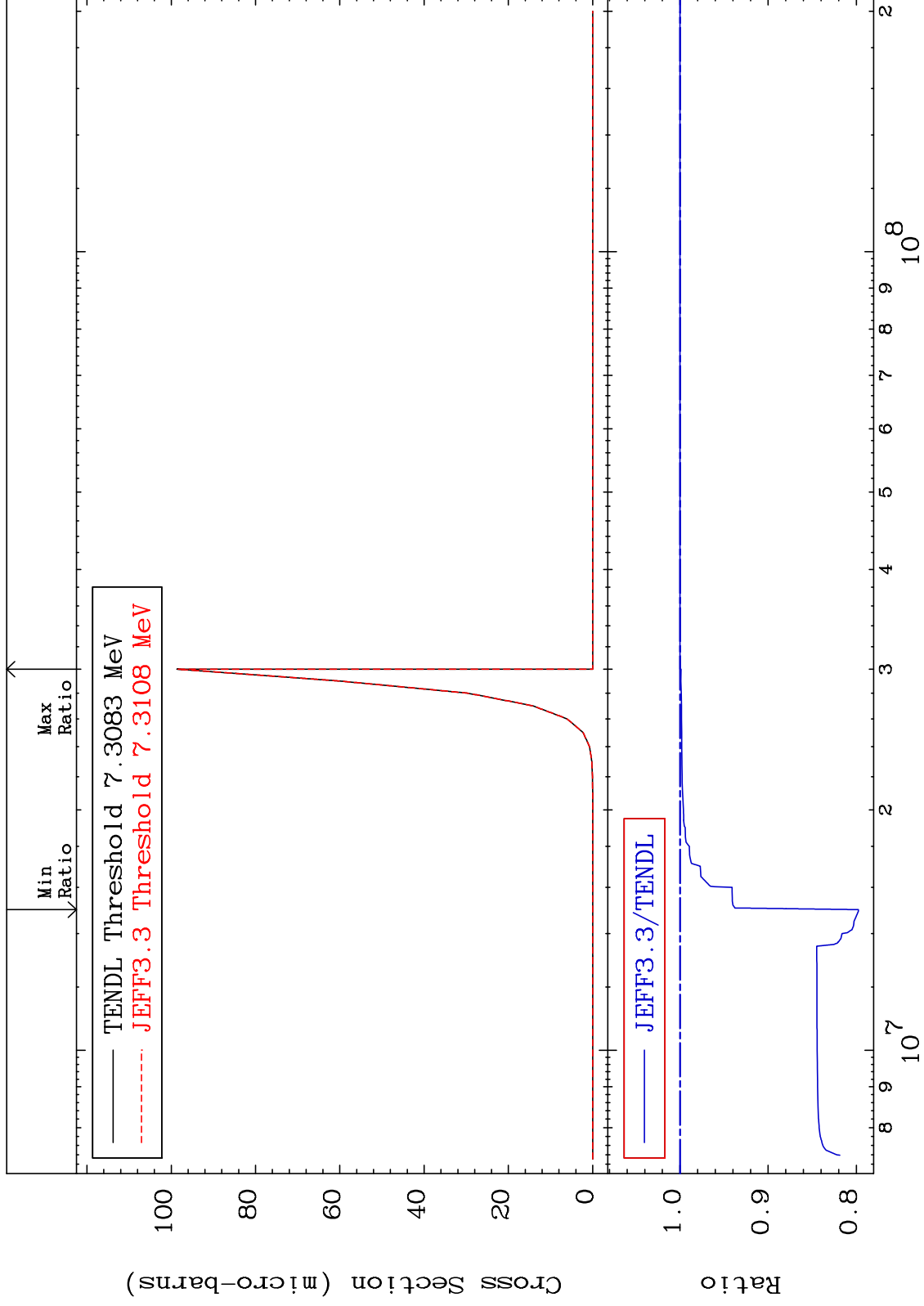
MAT 6843

(n, He-3)

68-Er-168

Cross Section

-20.24 To 0.000 %



55

Incident Energy (eV)

68-Er-168

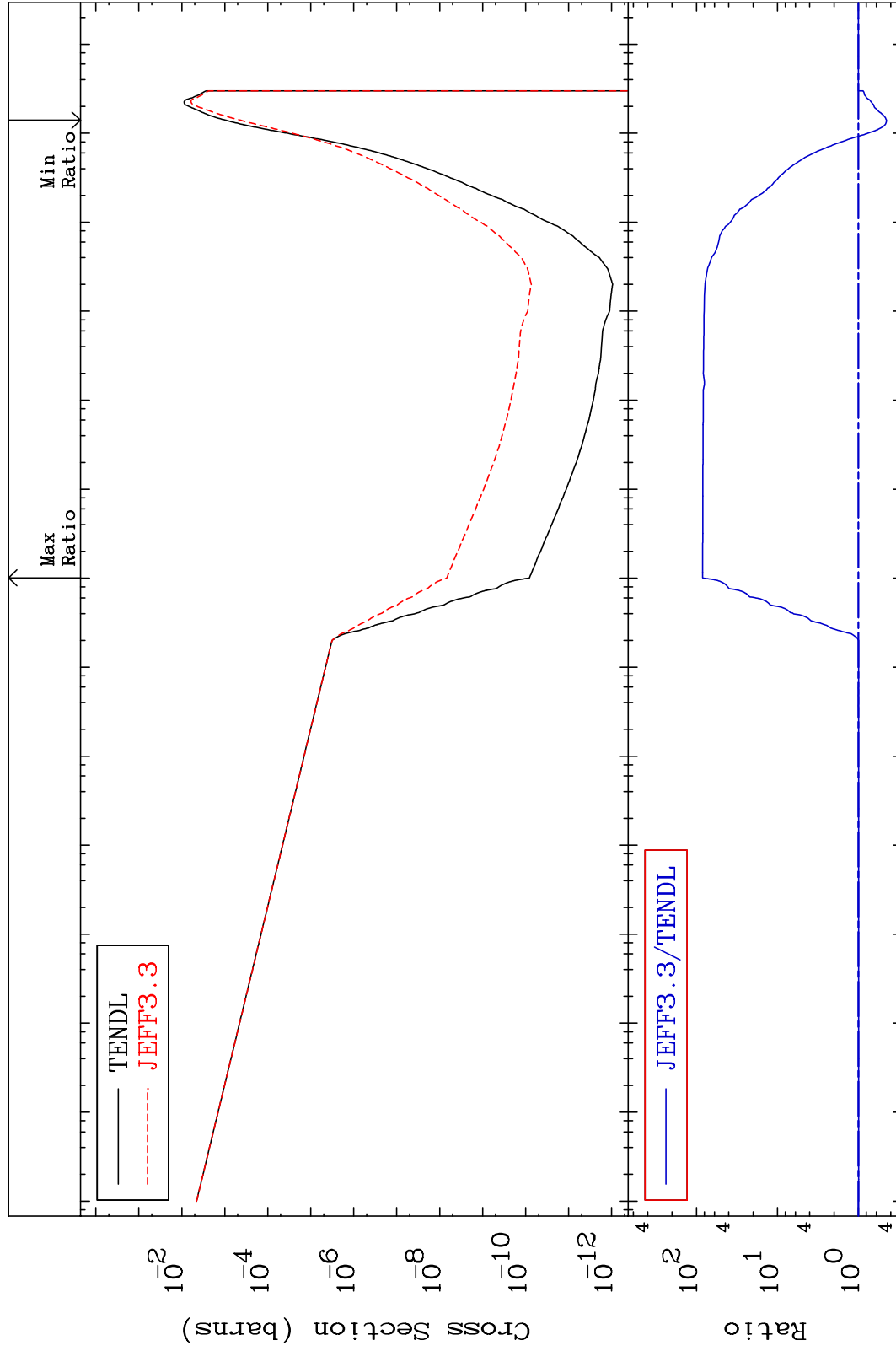
MAT 6843

(n, α)

68-Er-168

Cross Section

-54.93 To 8276. %



56

Incident Energy (eV)

68-Er-168

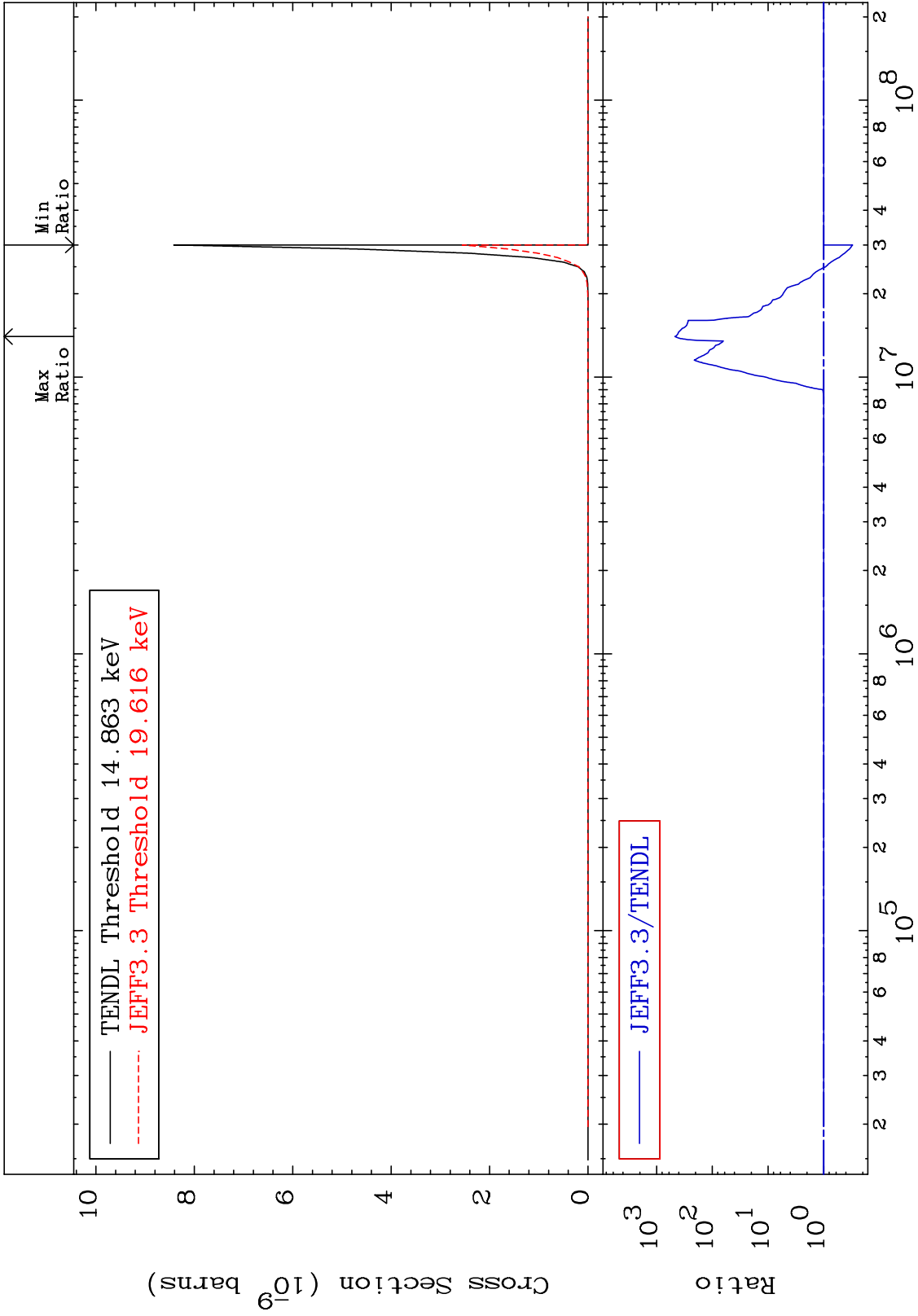
MAT 6843

(n,2α)

68-Er-168

Cross Section

-69.66 To 9999. %



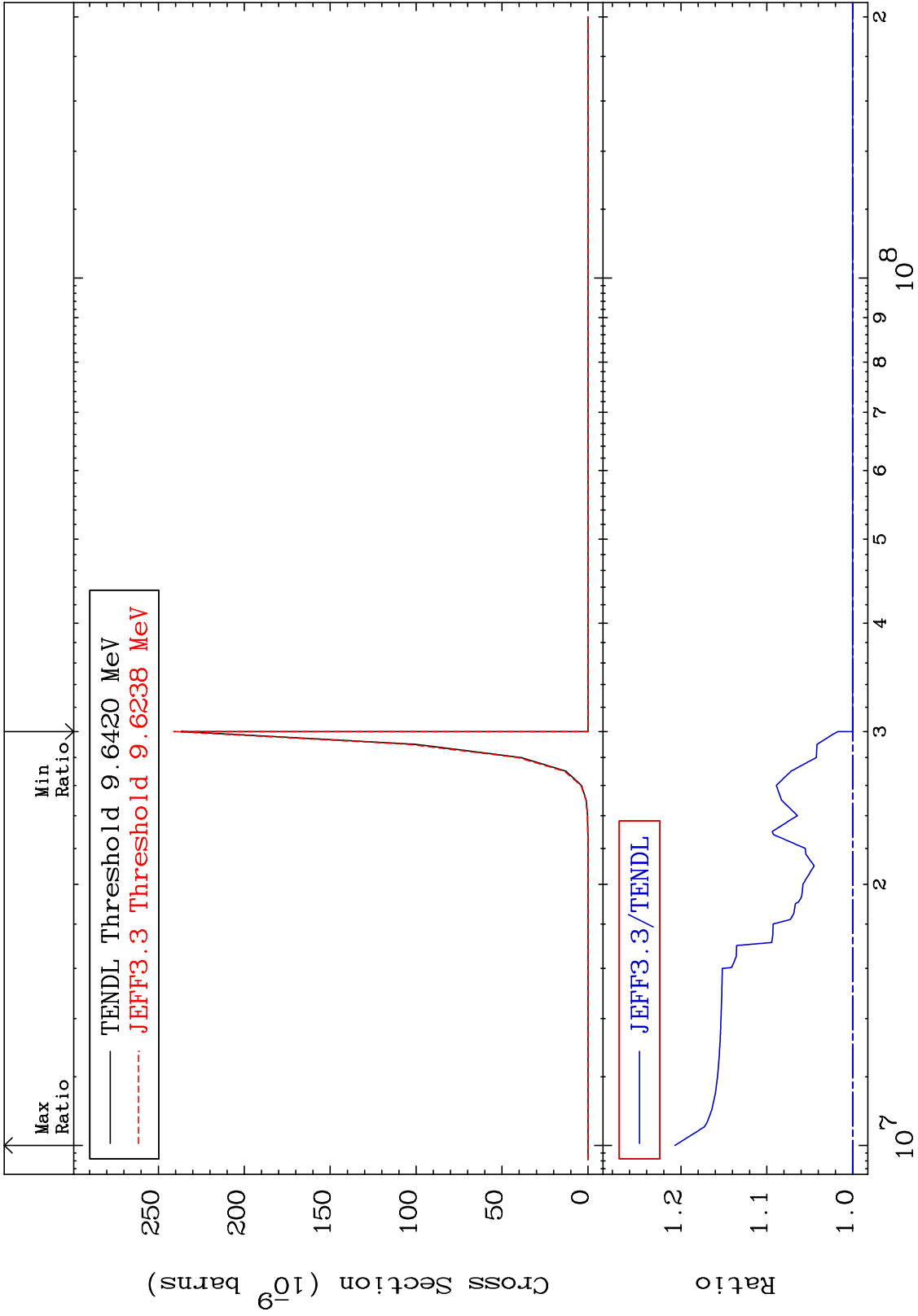
MAT 6843

(n,2p)

68-Er-168

Cross Section

0.000 To 20.70 %



58

Incident Energy (eV)

68-Er-168

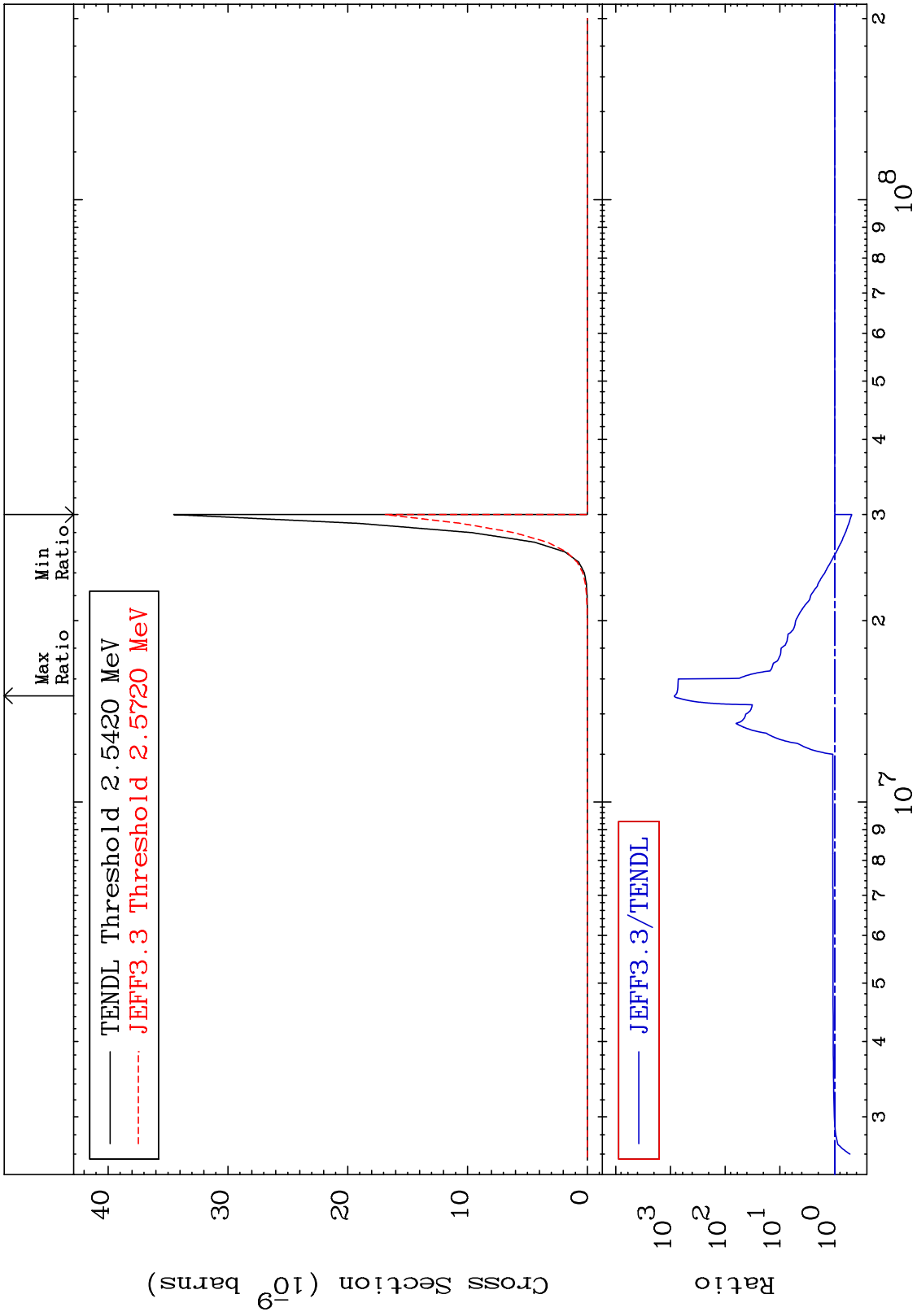
MAT 6843

(n,p) α

68-Er-168

-51.18 To 9999. %

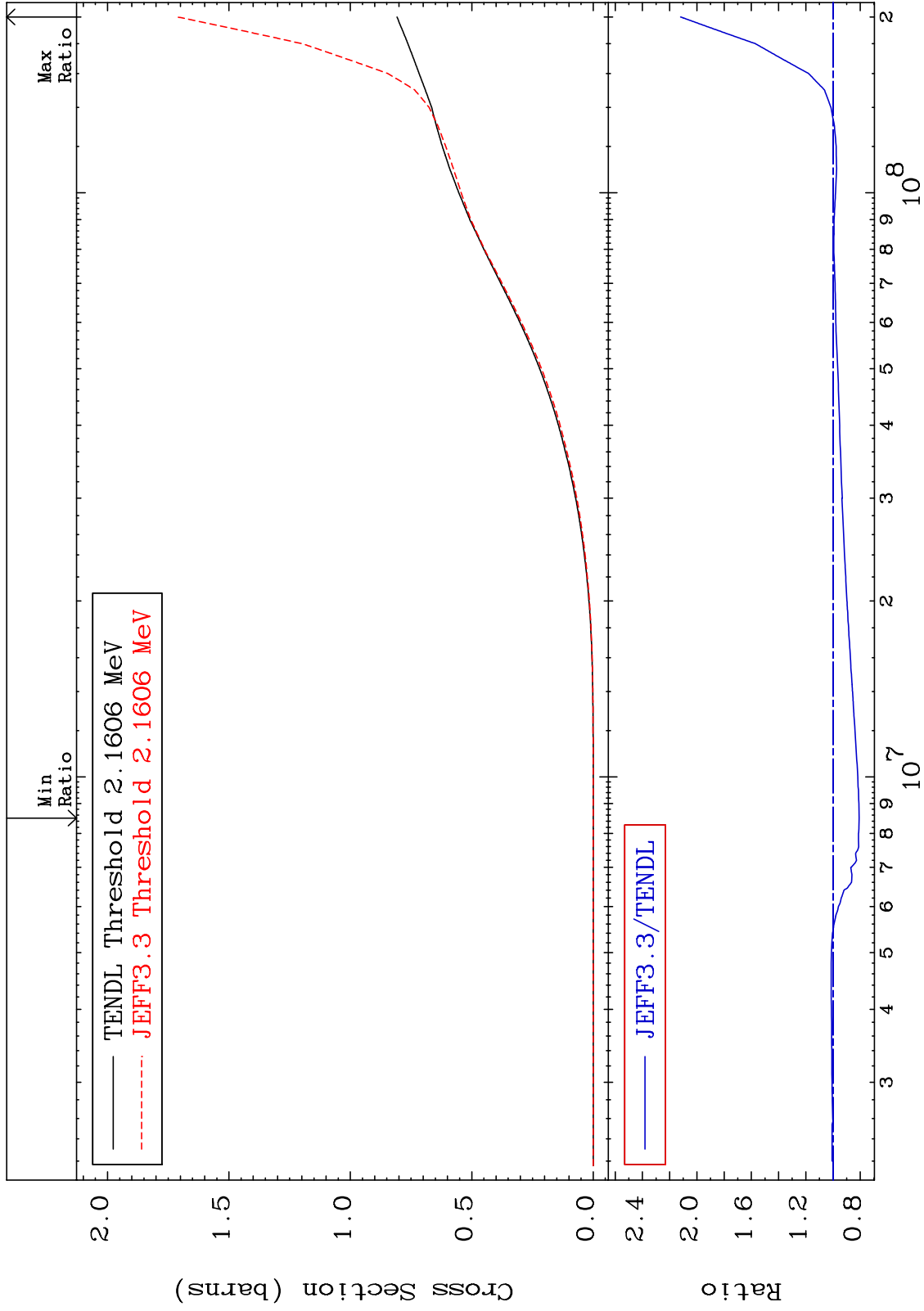
Cross Section



MAT 6843

Hydrogen Production
Cross Section

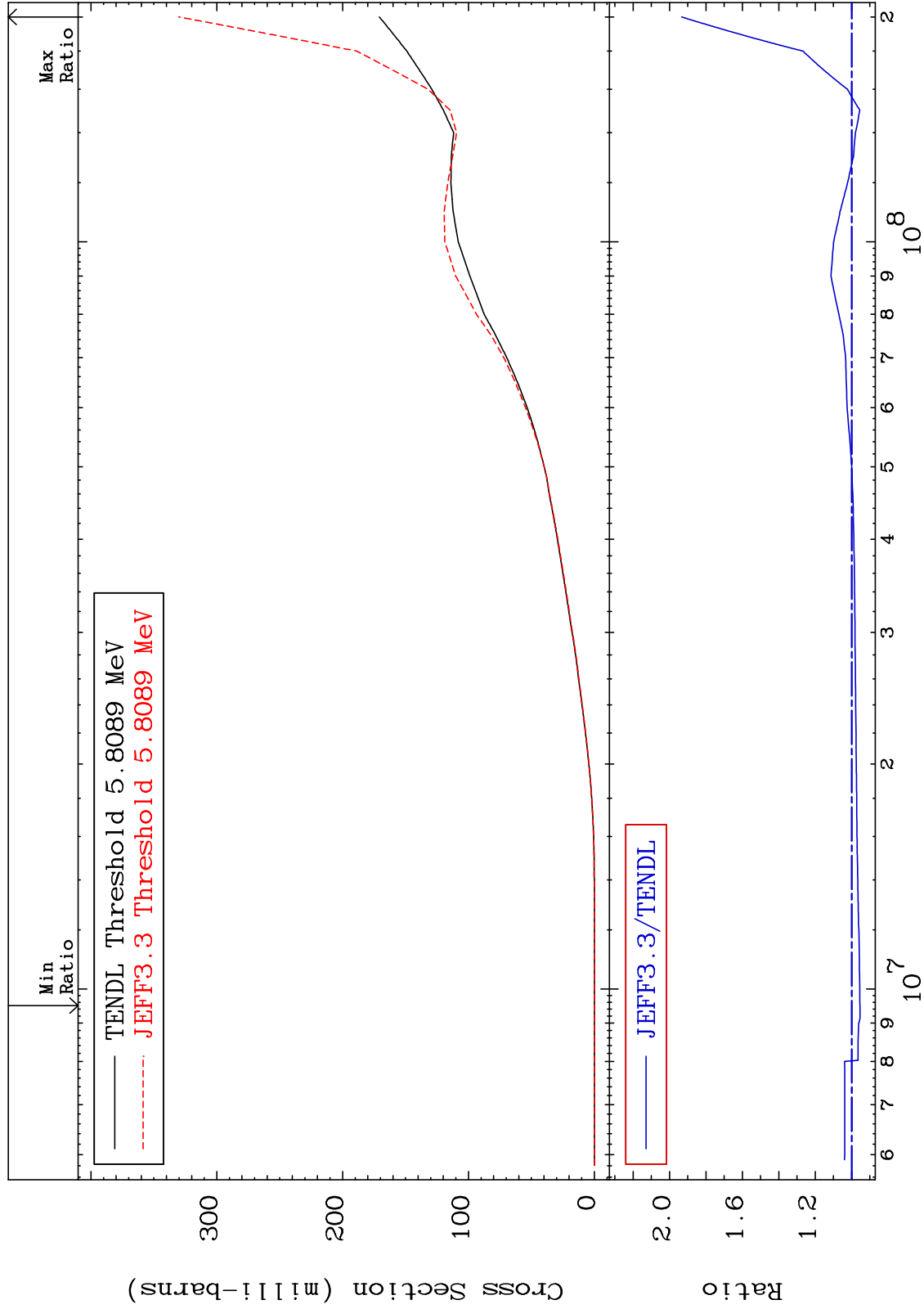
68-Er-168
-19.18 To 112.0 %



MAT 6843

Deuterium Production
Cross Section

68-Er-168
-4.608 To 93.33 %



61

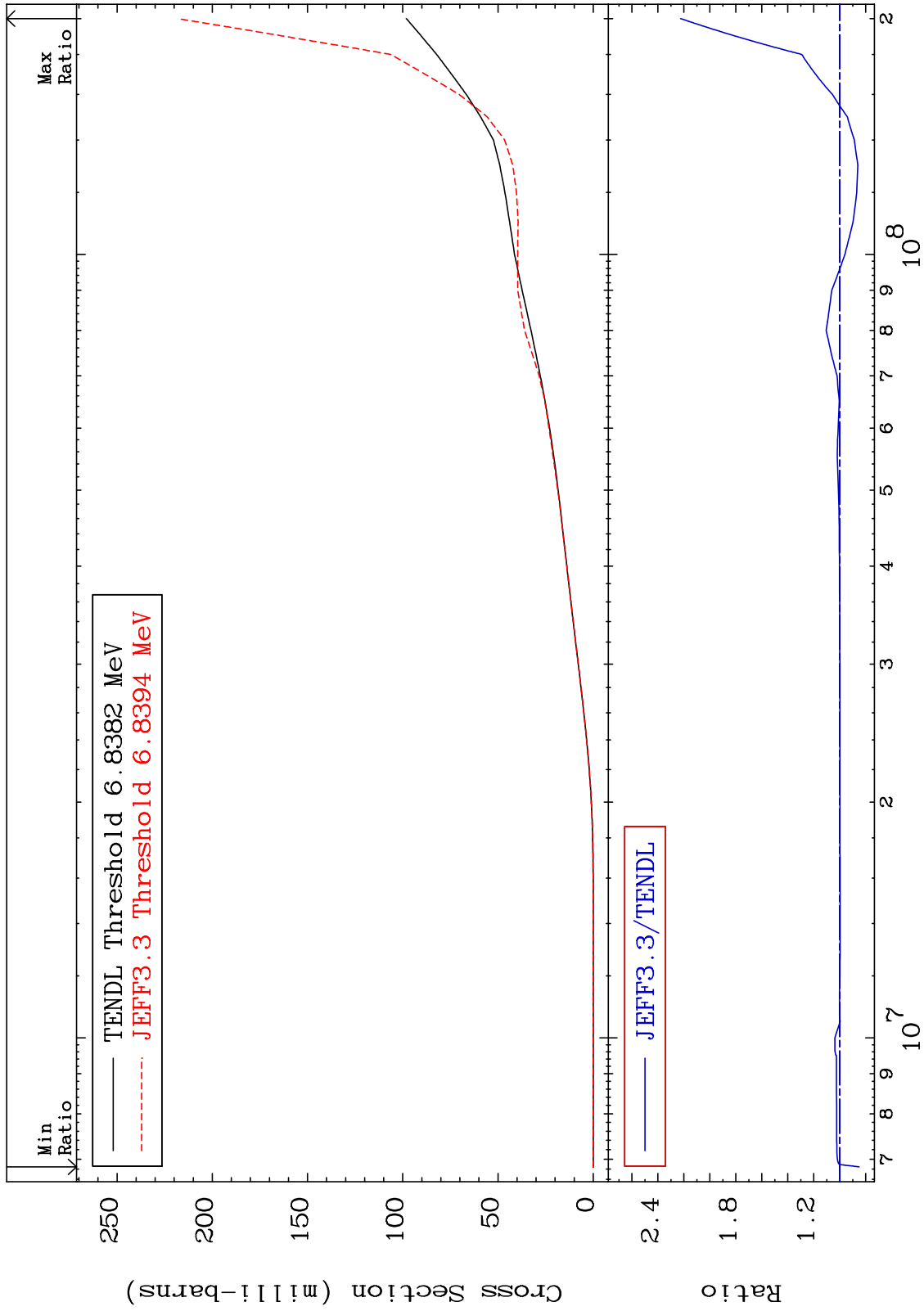
Incident Energy (eV)

68-Er-168

MAT 6843

Tritium Production
Cross Section

68-Er-168
-14.93 To 122.5 %



62

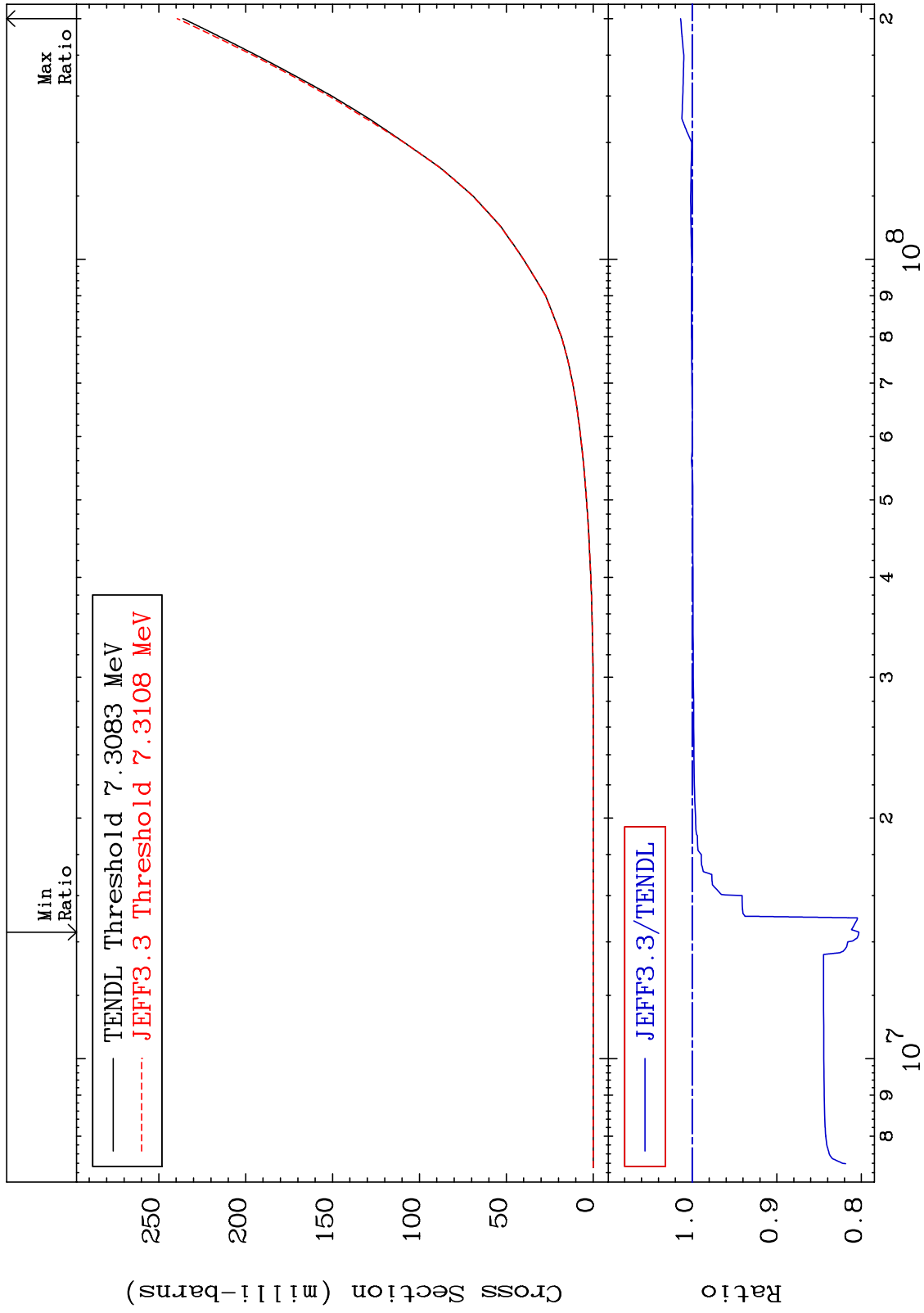
Incident Energy (eV)

68-Er-168

MAT 6843

He-3 Production
Cross Section

68-Er-168
-19.74 To 1.382 %



63

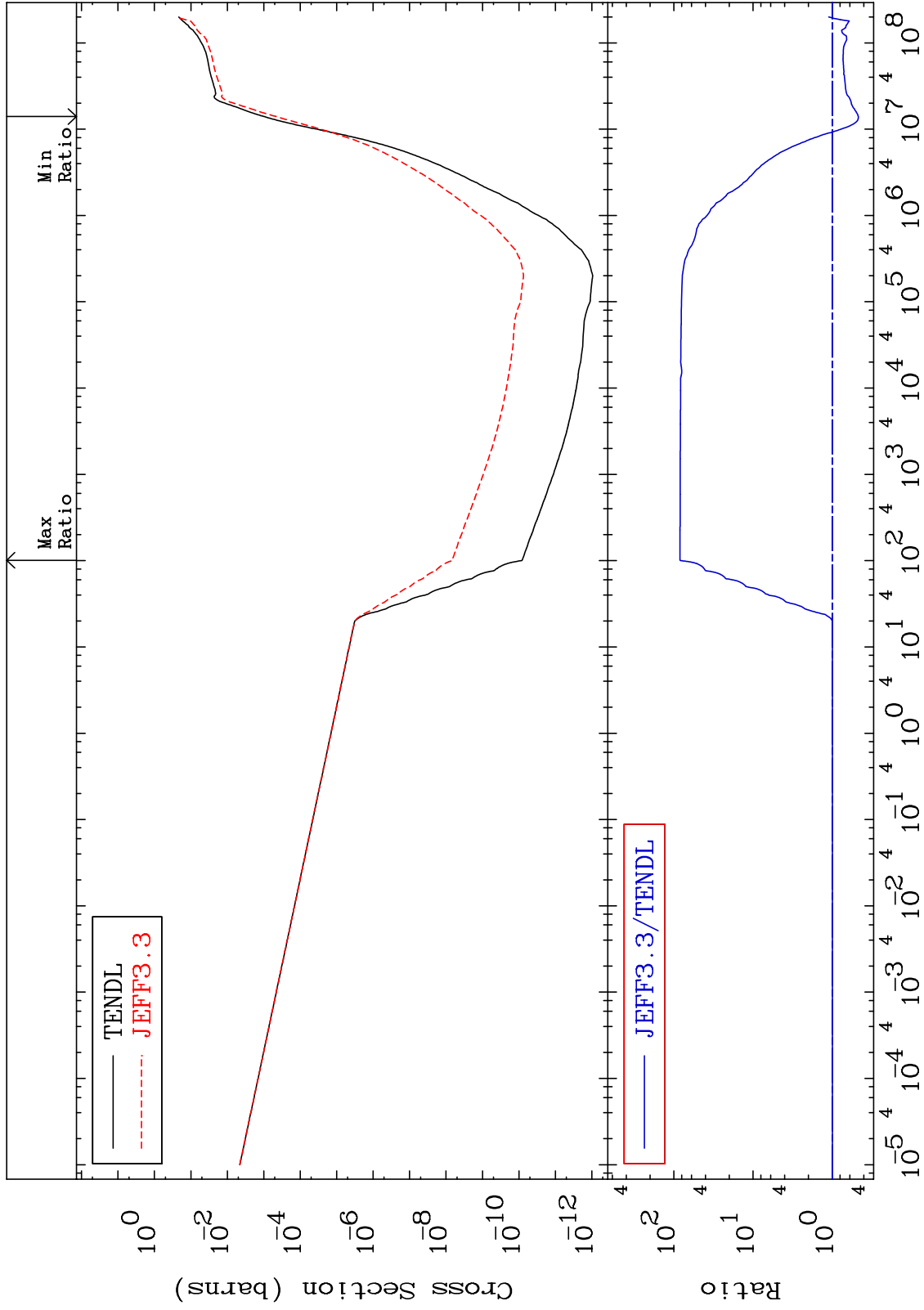
Incident Energy (eV)

68-Er-168

MAT 6843

He-4 Production
Cross Section

68-Er-168
-53.20 To 8276. %



64

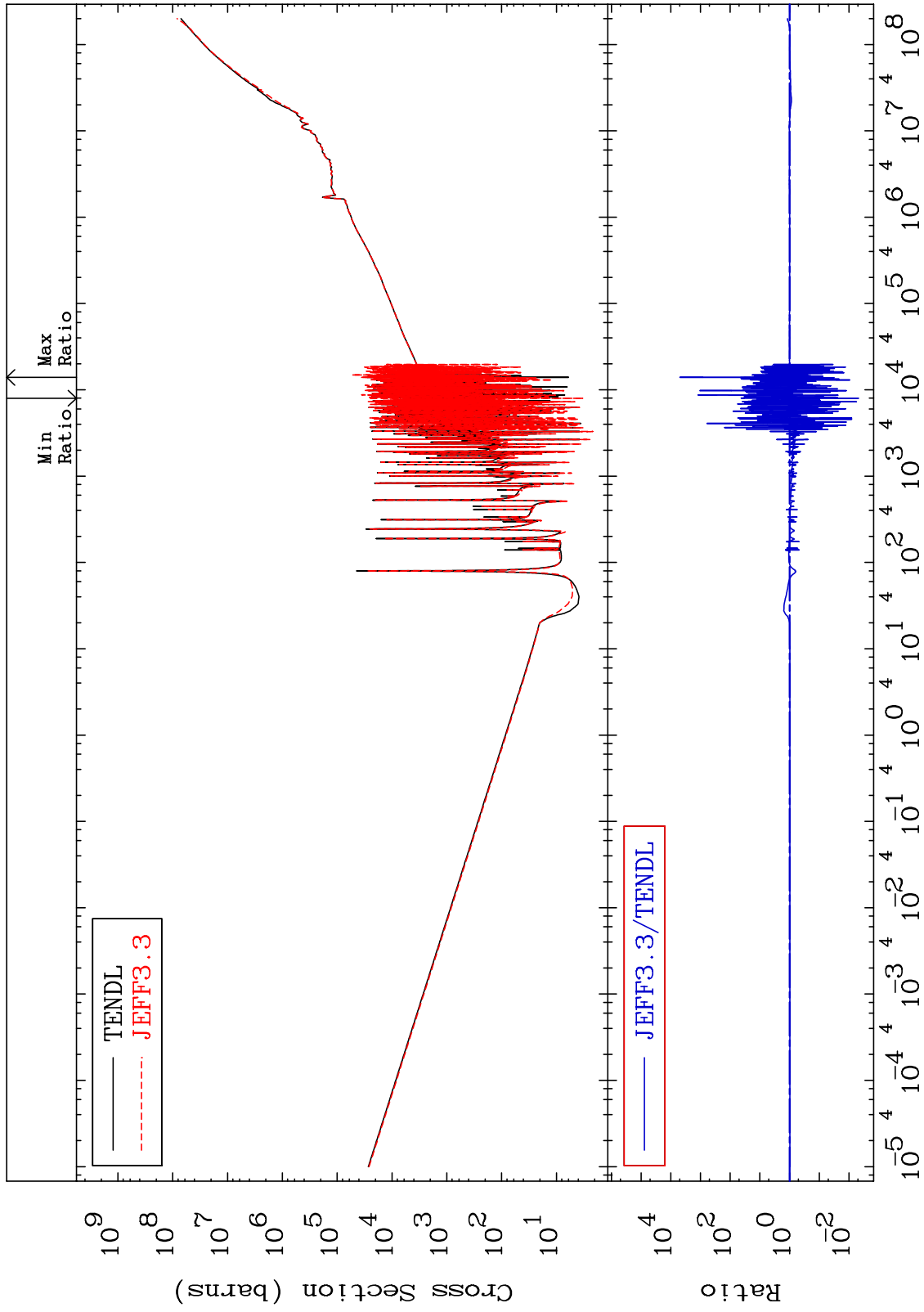
Incident Energy (eV)

68-Er-168

MAT 6843

Kerma total (eV-barns)
Cross Section

68-Er-168
-99.52 To 9999. %



65

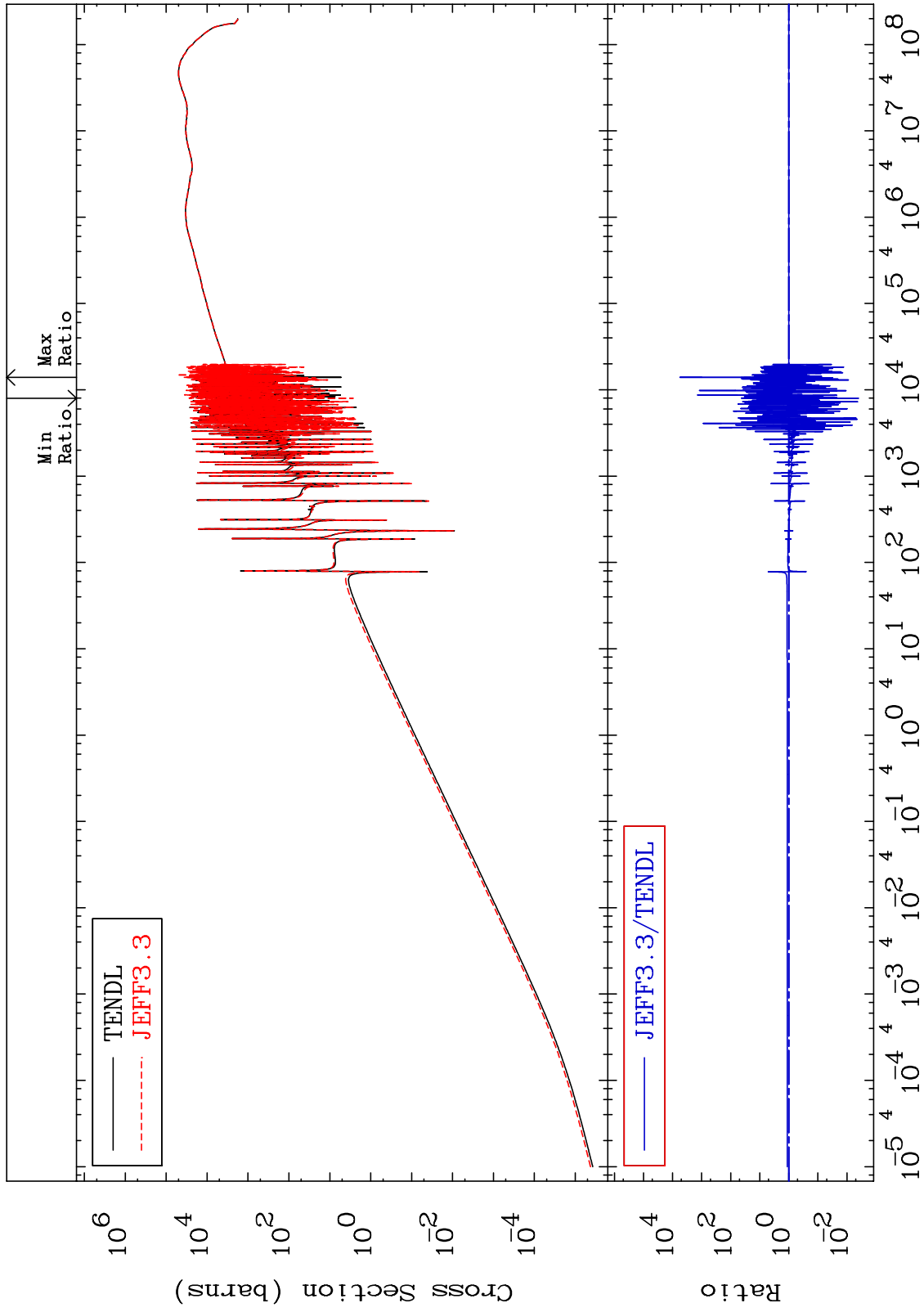
Incident Energy (eV)

68-Er-168

MAT 6843

Kerma elastic
Cross Section

68-Er-168
-99.60 To 9999. %



66

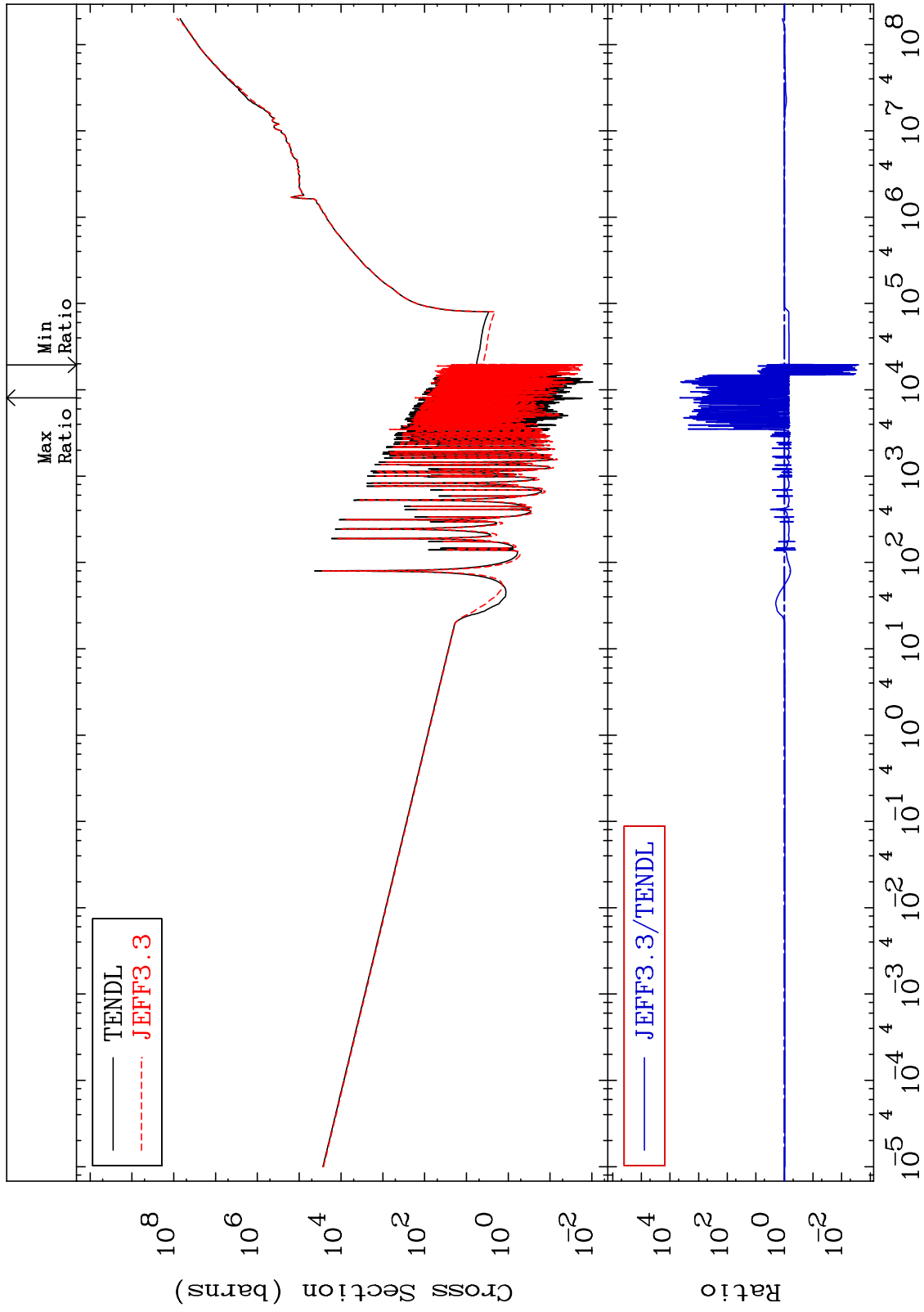
Incident Energy (eV)

68-Er-168

MAT 6843

Kerma non-elastic (all but mt2)
Cross Section

68-Er-168
-99.74 To 9999. %



67

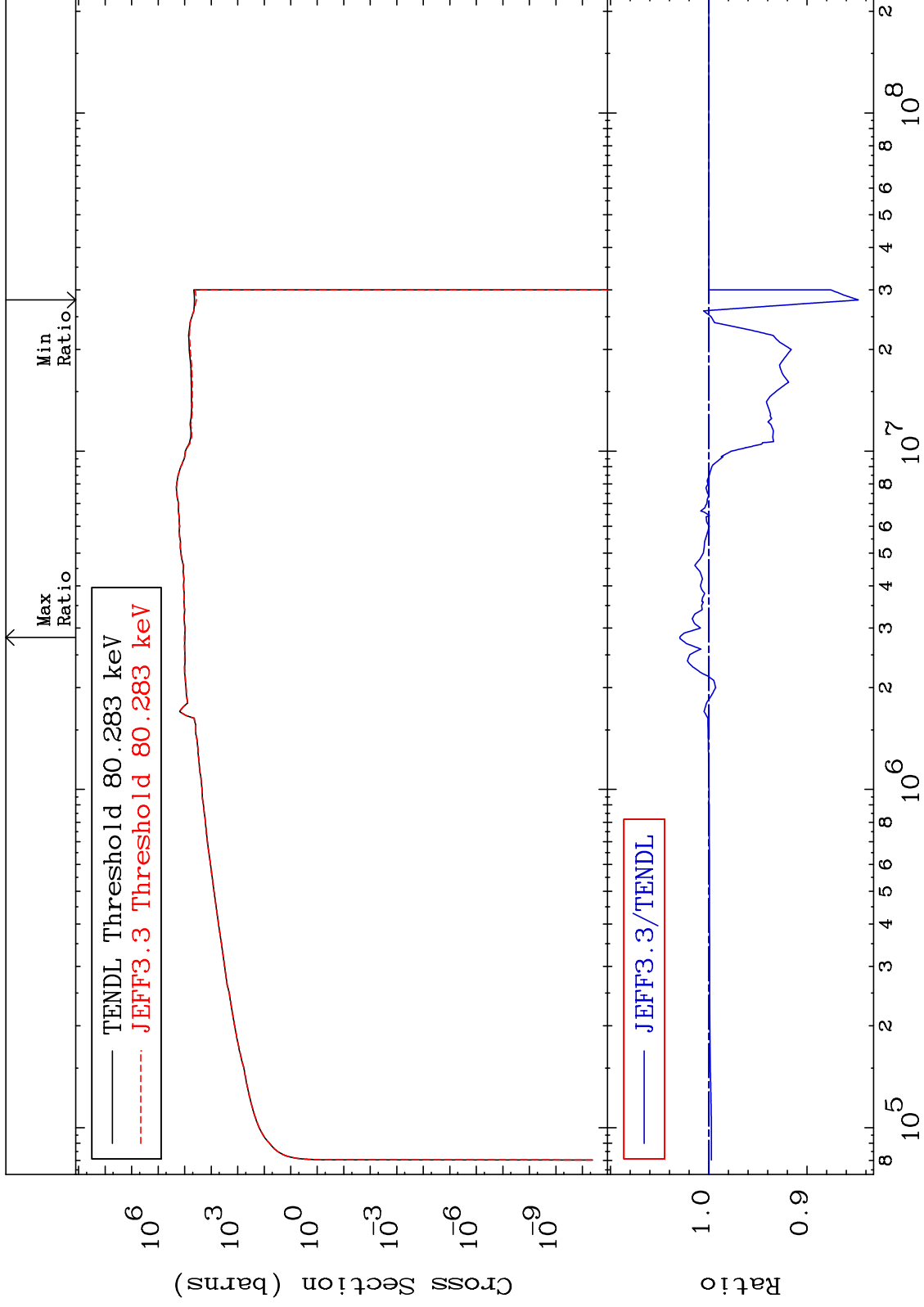
Incident Energy (eV)

68-Er-168

MAT 6843

Kerma inelastic (mt51-91)
Cross Section

68-Er-168
-15.22 To 2.950 %



68

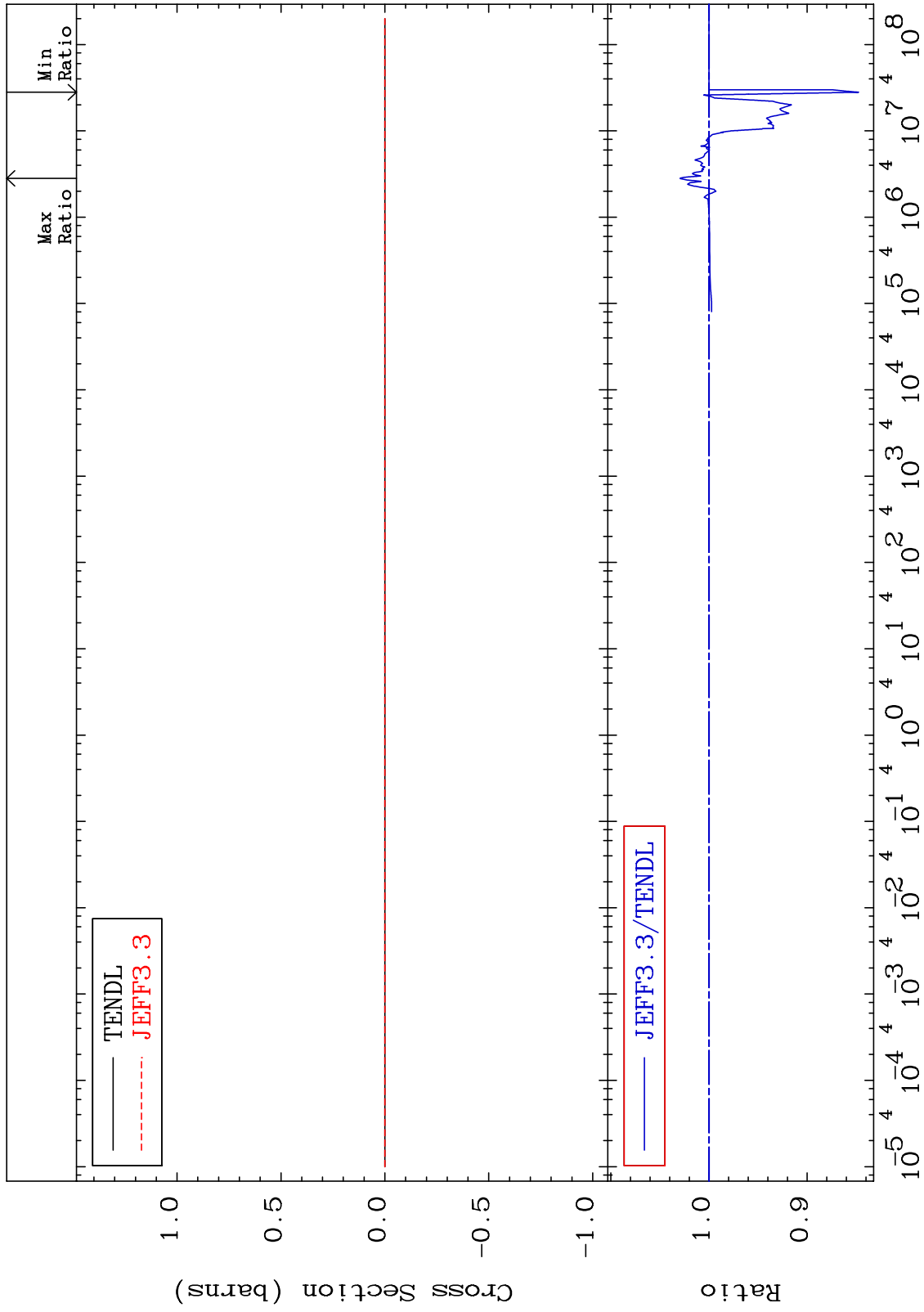
Incident Energy (eV)

68-Er-168

MAT 6843

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

68-Er-168
-15.22 To 2.950 %



69

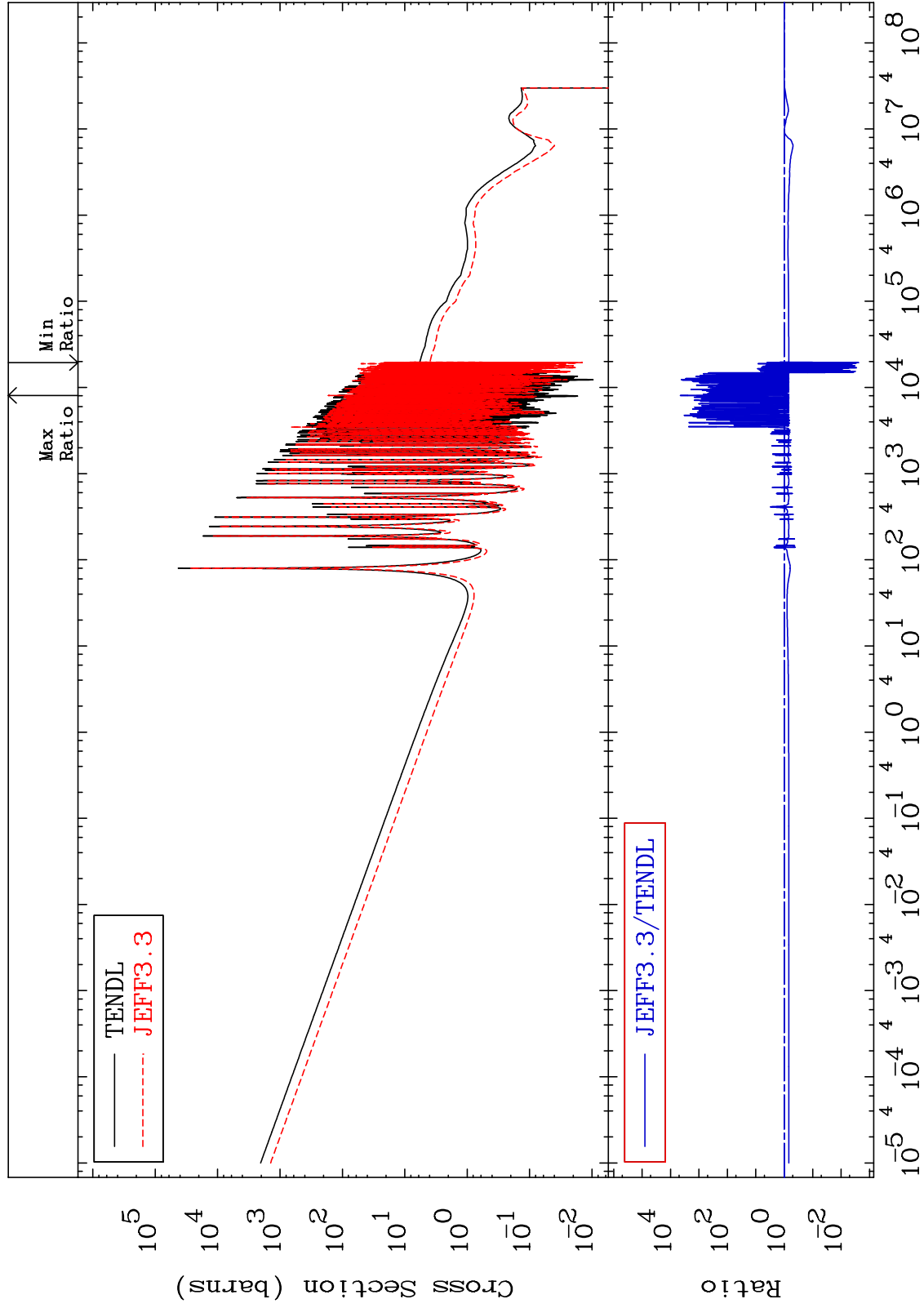
Incident Energy (eV)

68-Er-168

MAT 6843

Kerma capture (mt102)
Cross Section

68-Er-168
-99.76 To 9999. %



70

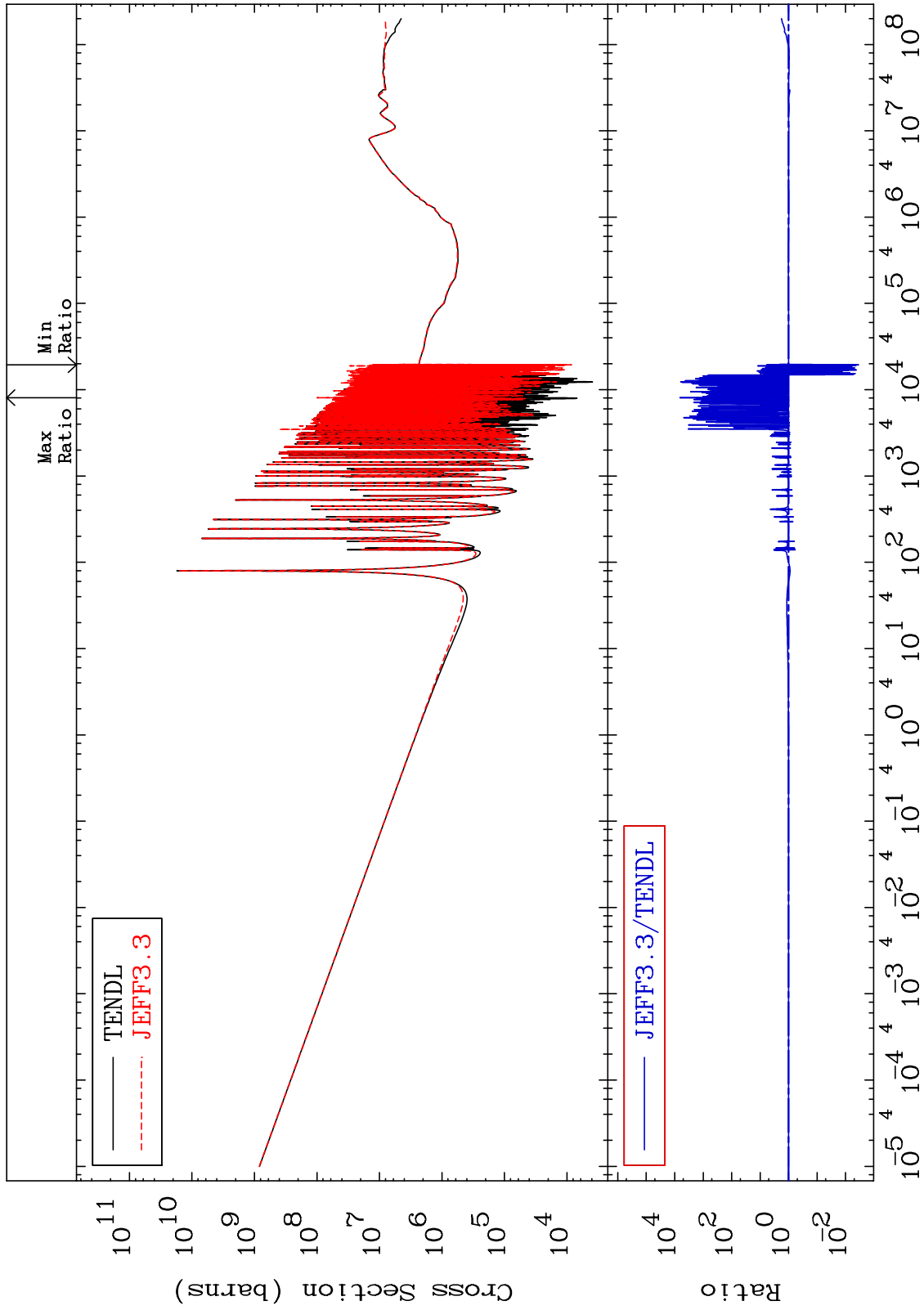
Incident Energy (eV)

68-Er-168

MAT 6843

Total photon (eV-barns)
Cross Section

68-Er-168
-99.65 To 9999. %



71

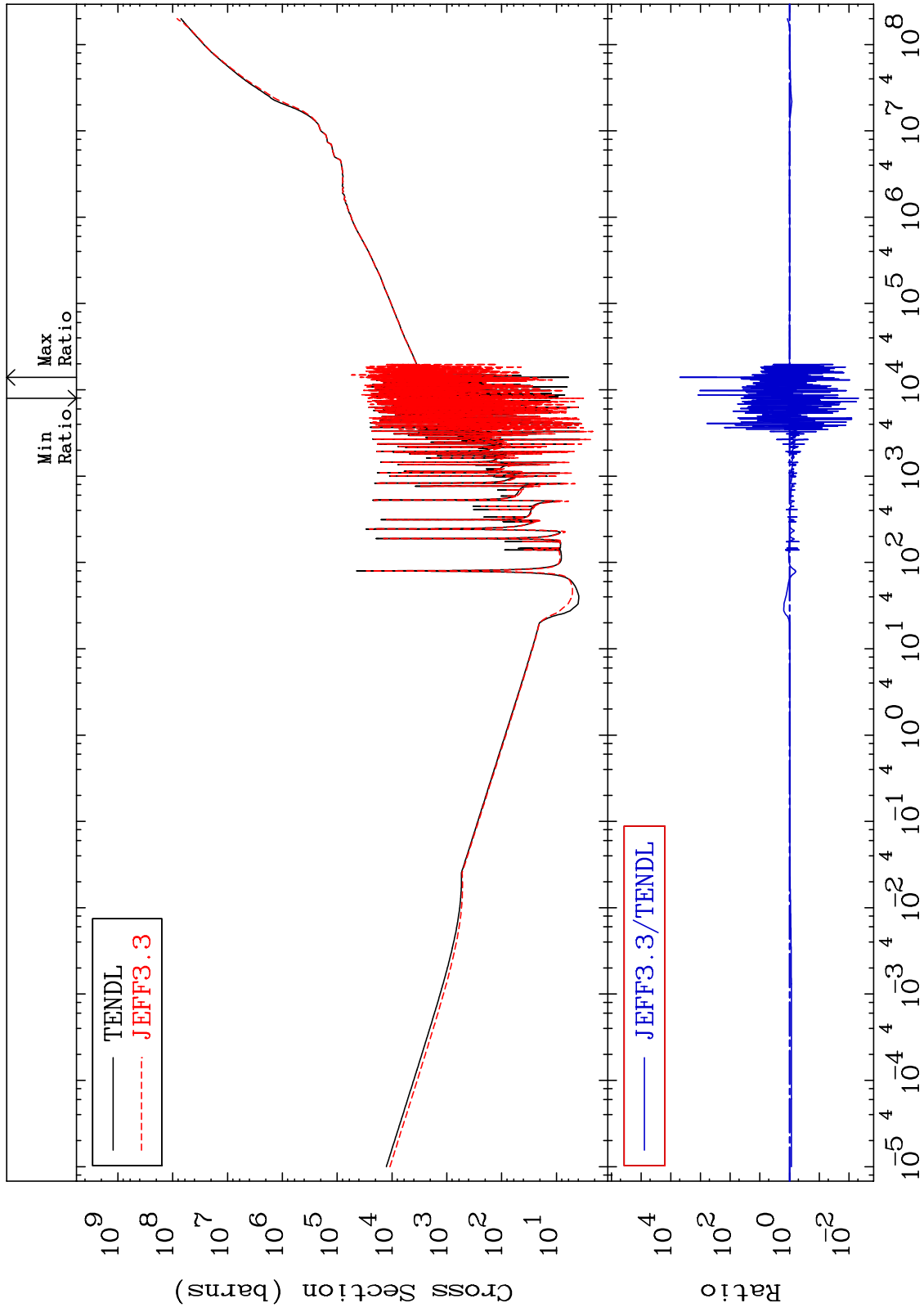
Incident Energy (eV)

68-Er-168

MAT 6843

Total kinematic kerma (high limit)
Cross Section

68-Er-168
-99.52 To 9999. %



72

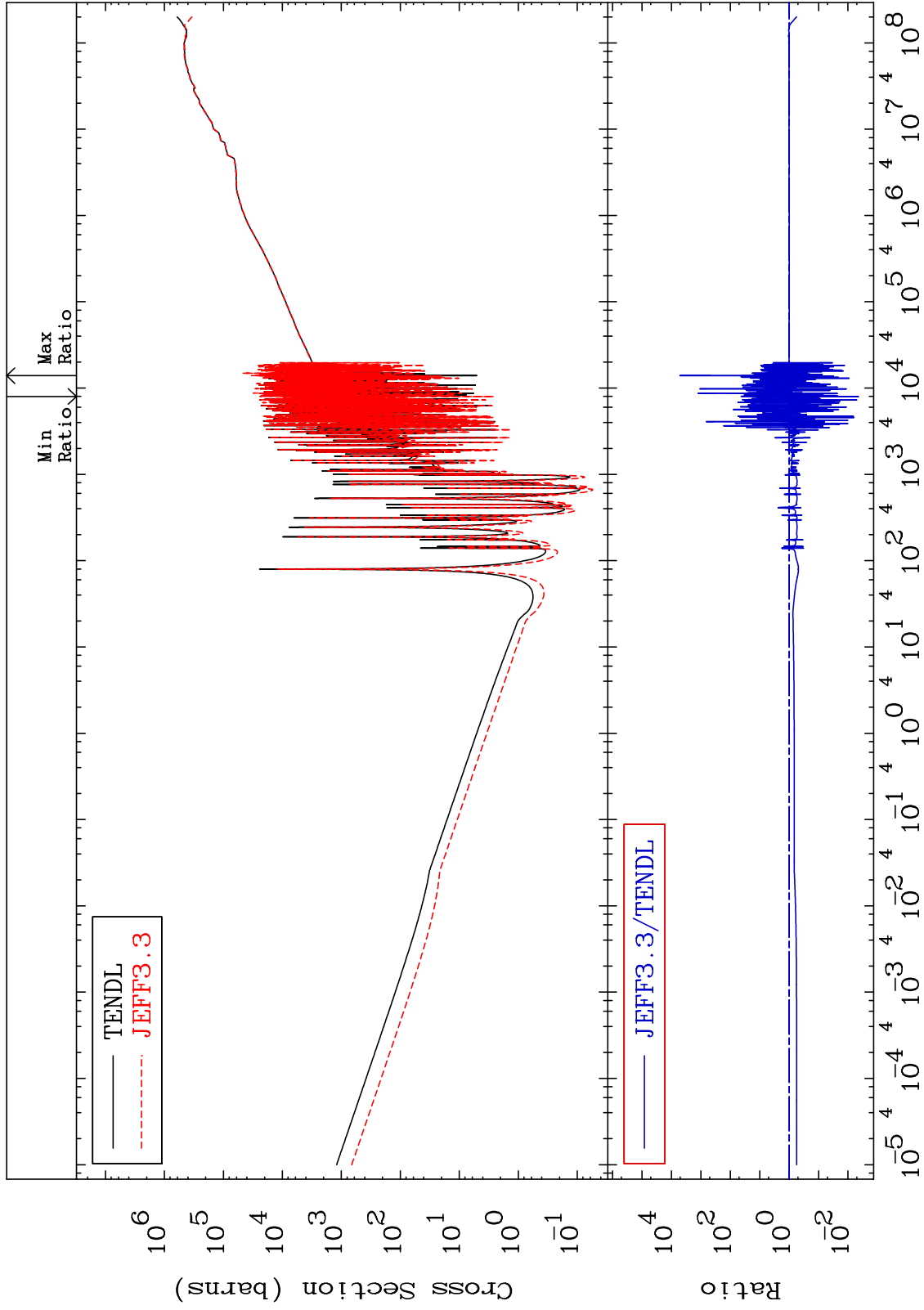
Incident Energy (eV)

68-Er-168

MAT 6843

Dpa total (eV-barns)
Cross Section

68-Er-168
-99.56 To 9999. %



73

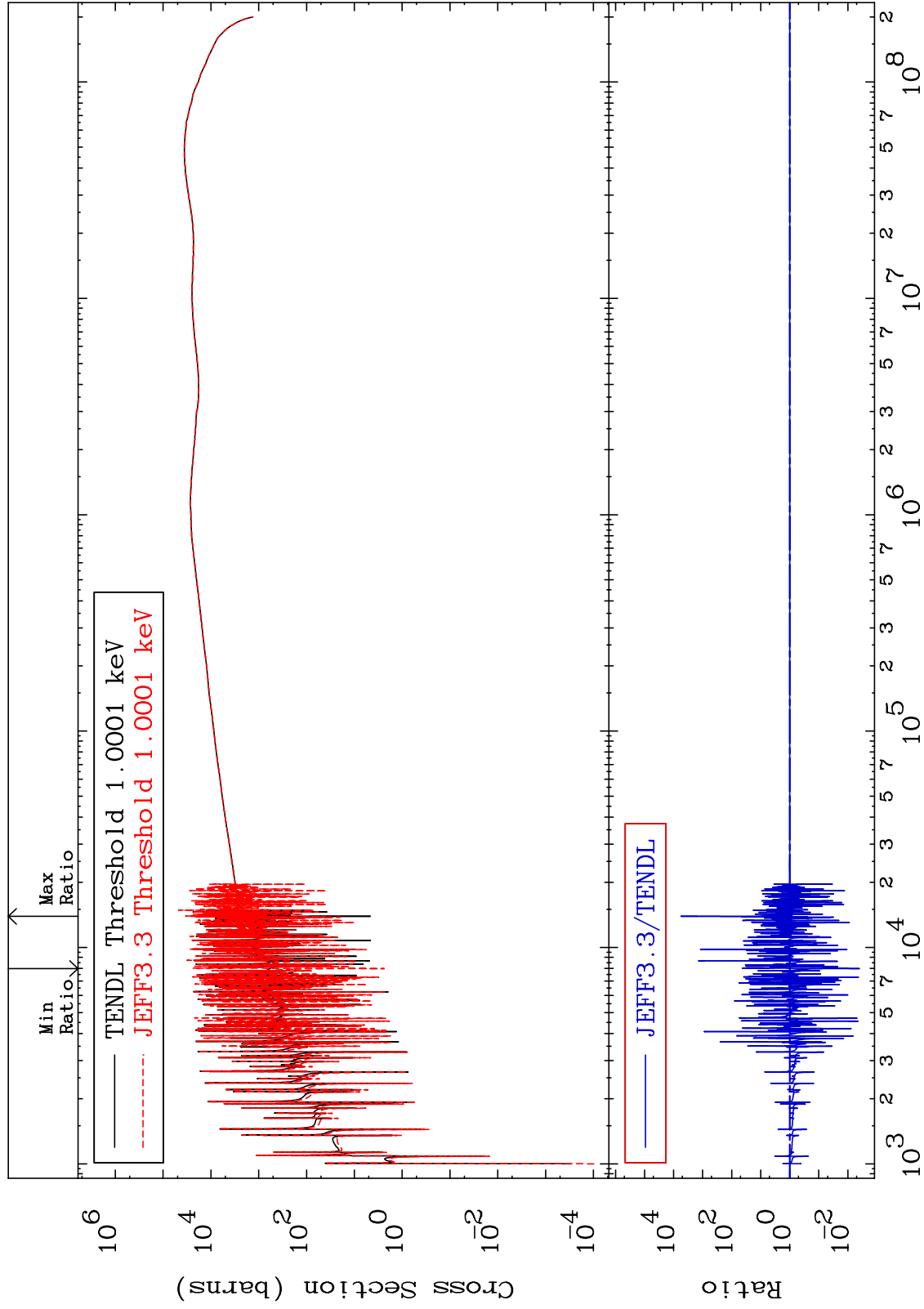
Incident Energy (eV)

68-Er-168

MAT 6843

Dpa elastic (mt2)
Cross Section

68-Er-168
-99.60 To 9999. %



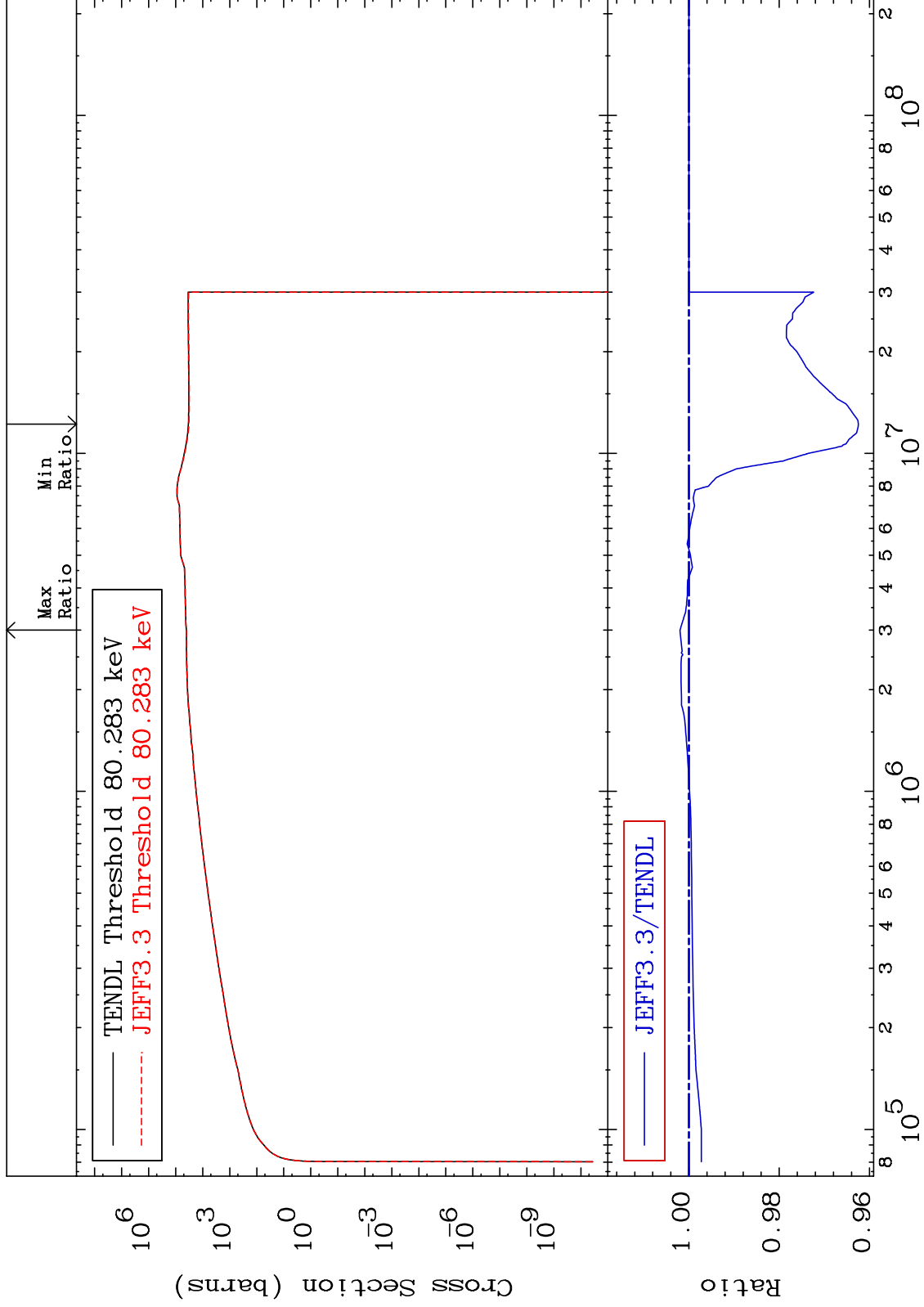
74

68-Er-168

MAT 6843

Dpa inelastic (mt51-91)
Cross Section

68-Er-168
-3.752 To 0.197 %



75

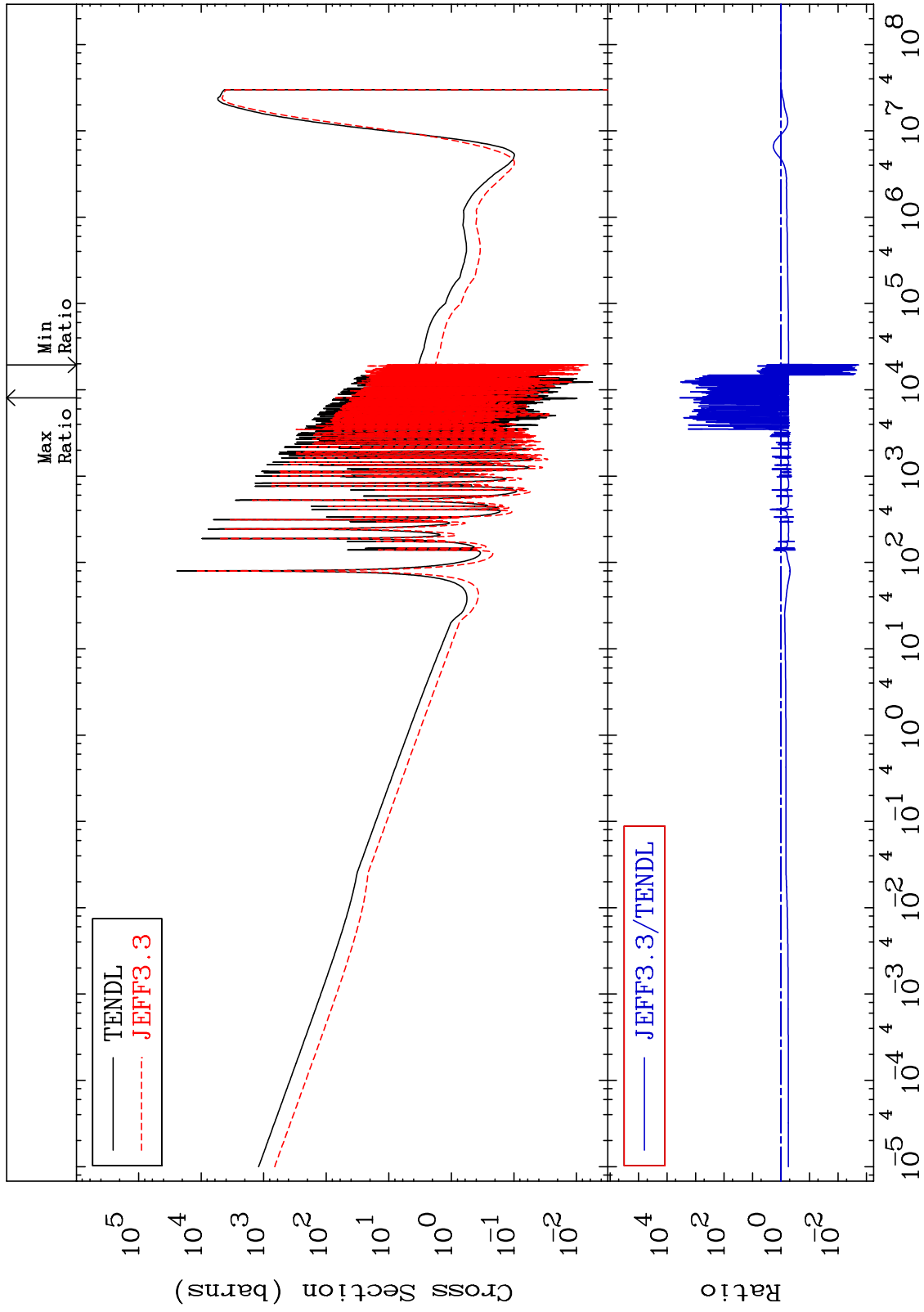
Incident Energy (eV)

68-Er-168

MAT 6843

Dpa disappearance (mt102 -120)
Cross Section

68-Er-168
-99.81 To 9999. %



76

Incident Energy (eV)

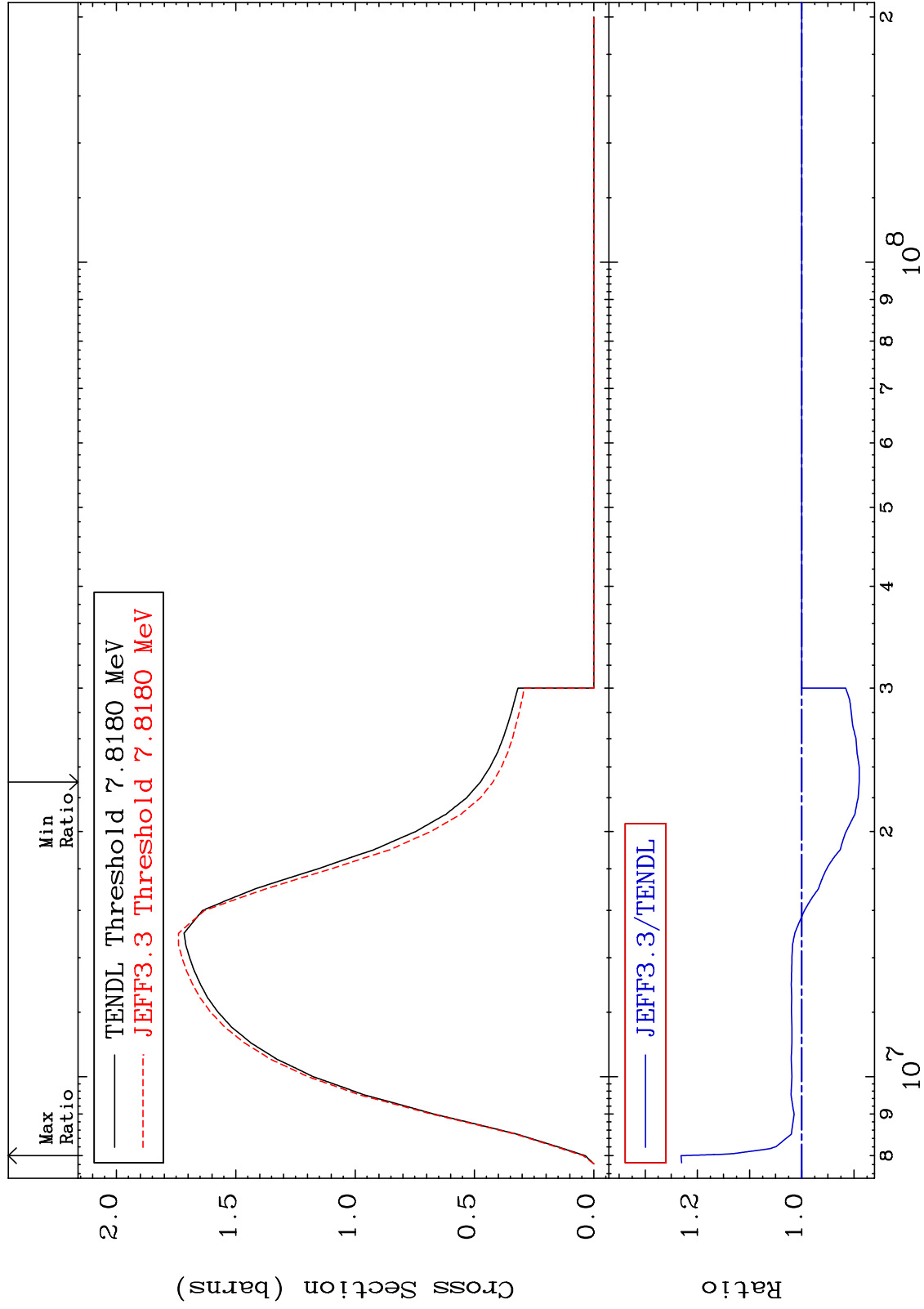
68-Er-168

MAT 6843

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

68-Er-168

Radionuclide Production Cross Section -11.02 To 23.12 %



77

Incident Energy (eV)

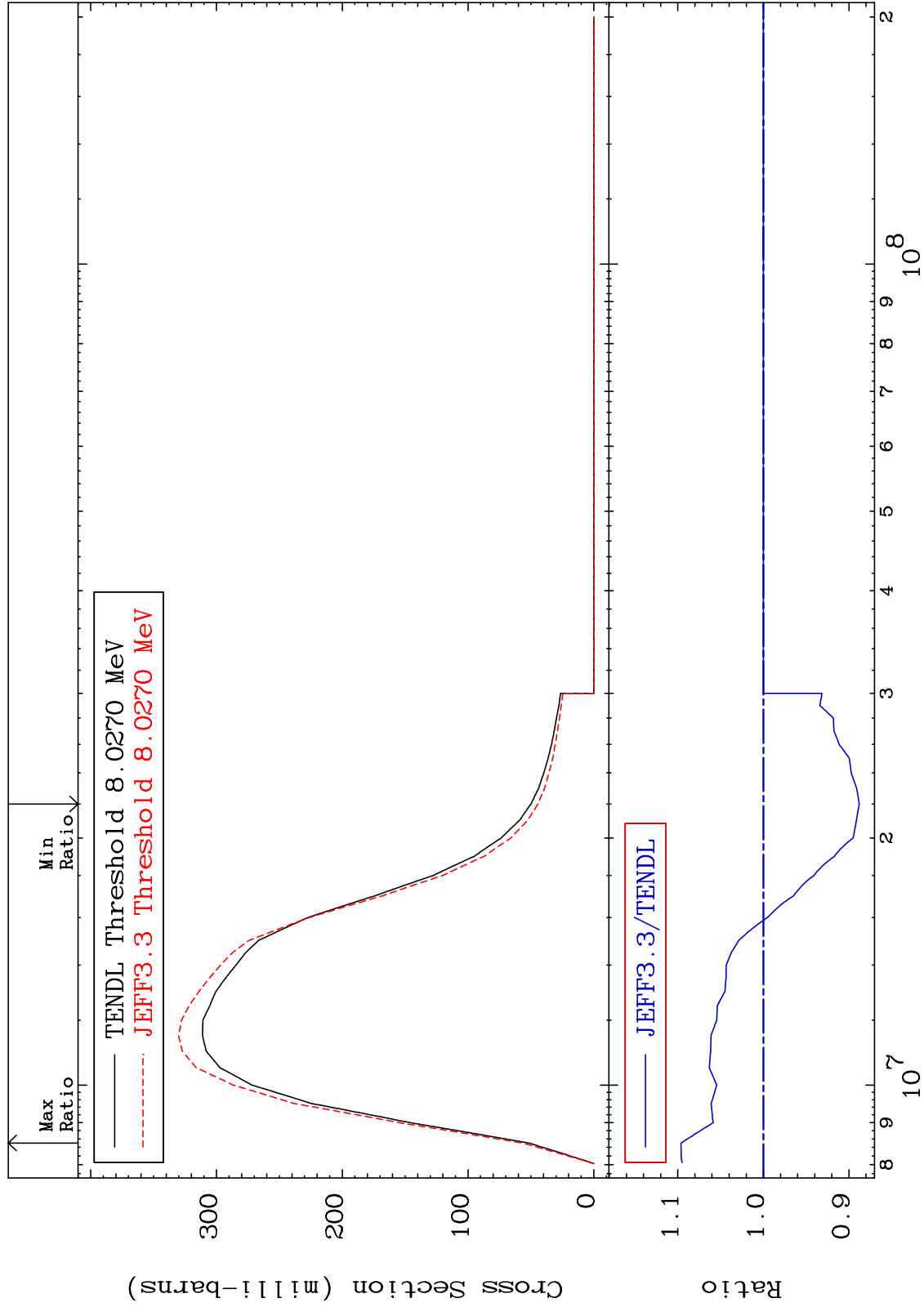
68-Er-168

MAT 6843

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

68-Er-168

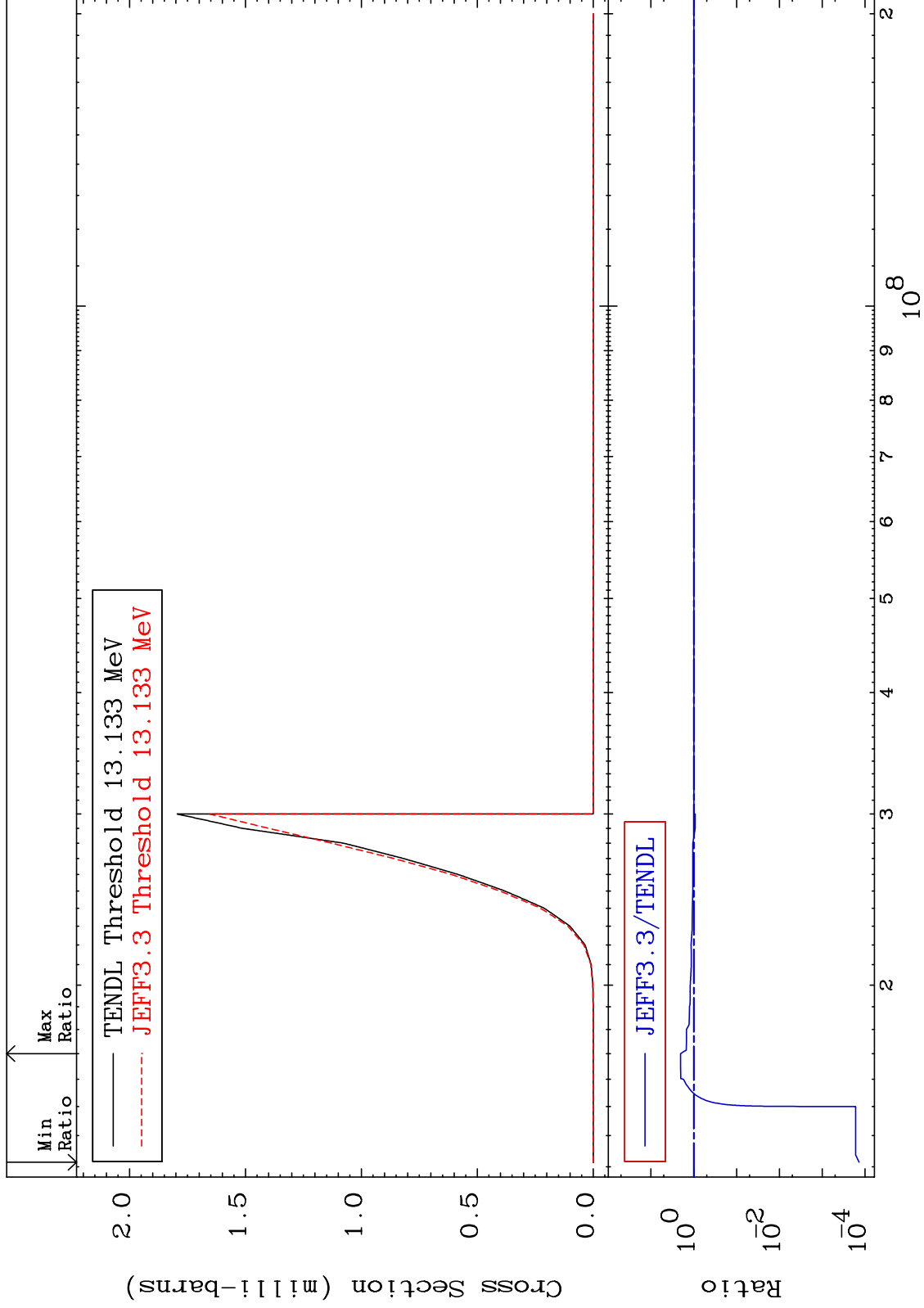
Radionuclide Production Cross Section -11.20 To 9.619 %

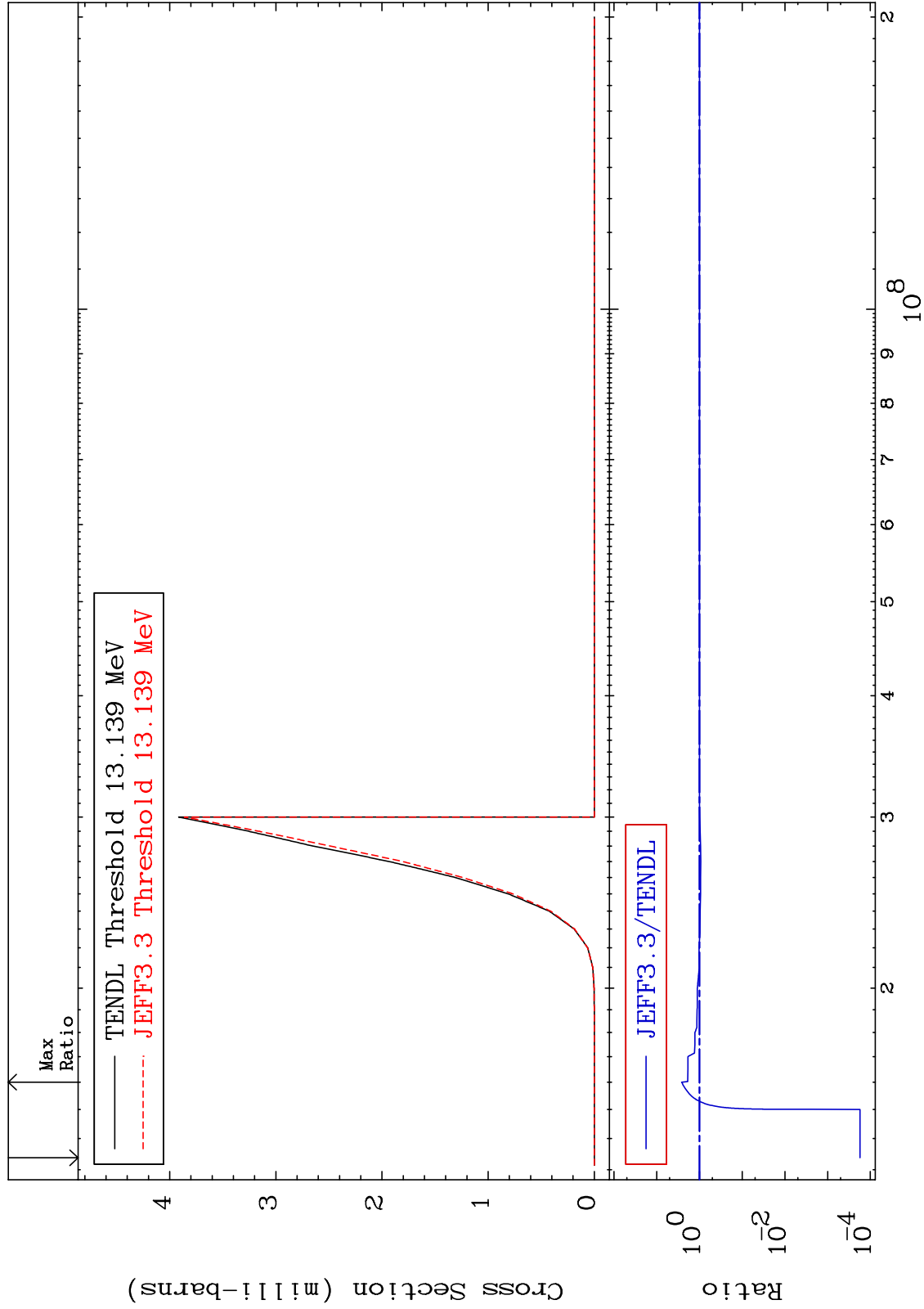


78

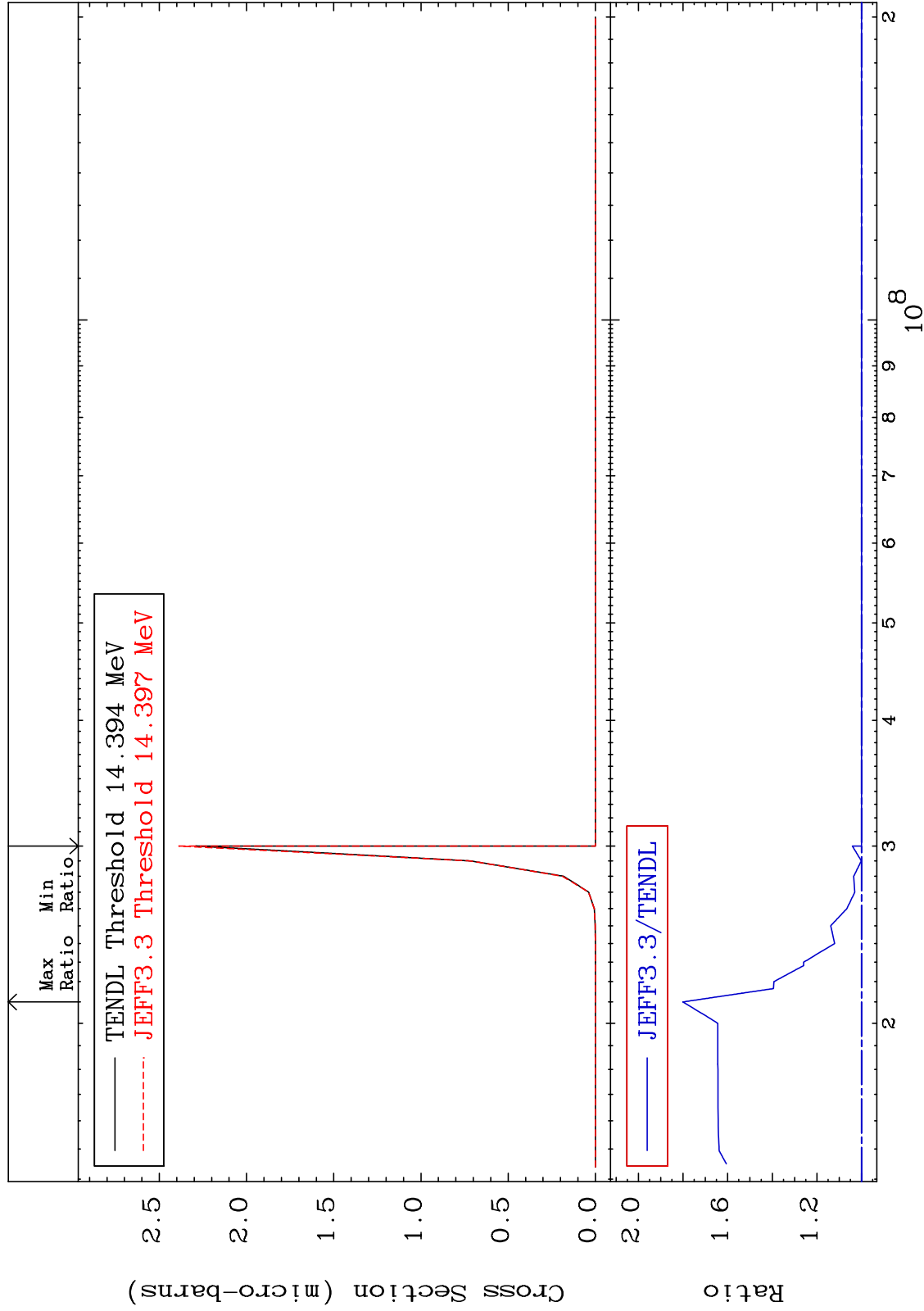
Incident Energy (eV)

68-Er-168





Radionuclide Production Cross Section 0.000 To 80.07 %

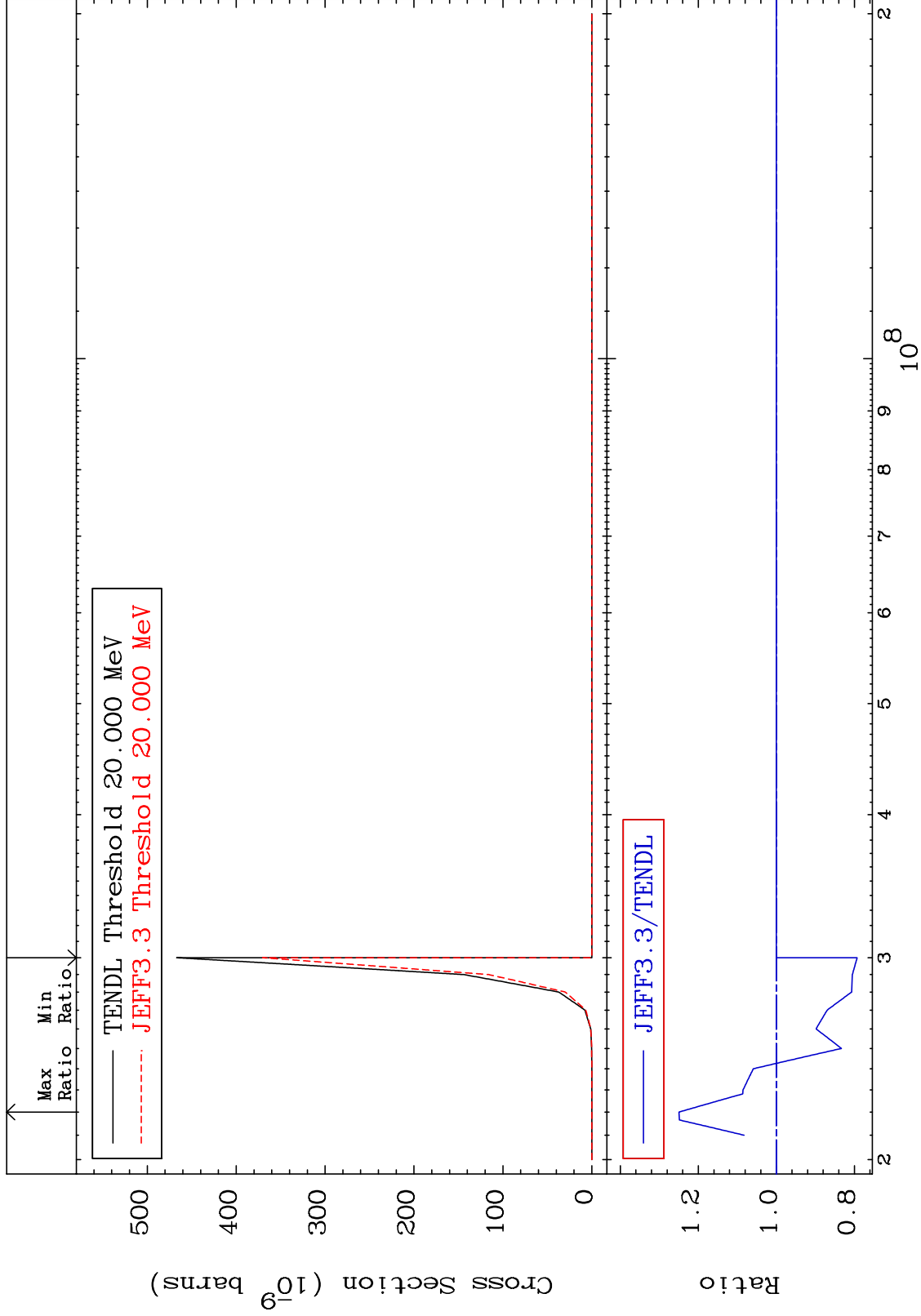


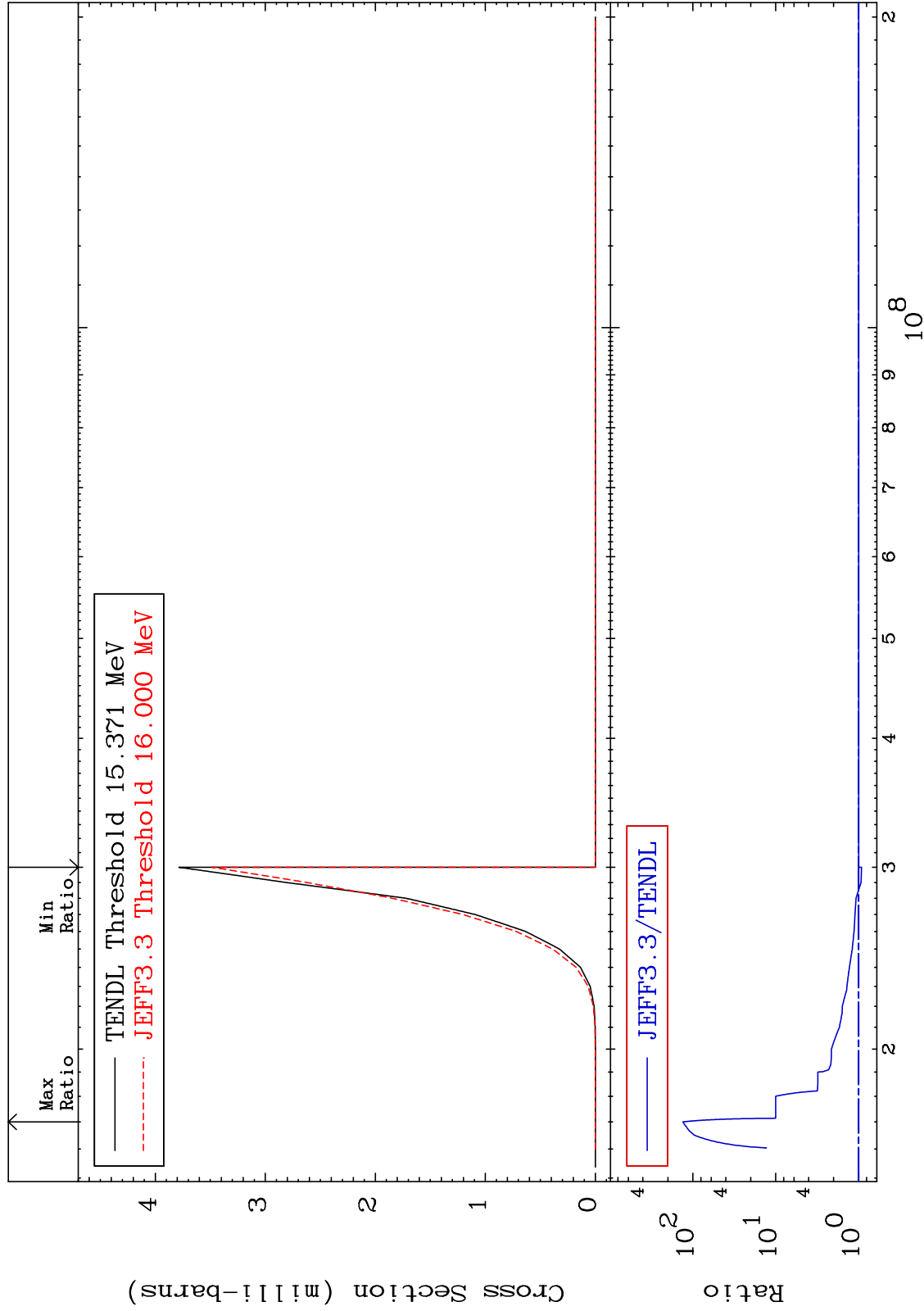
MAT 6843

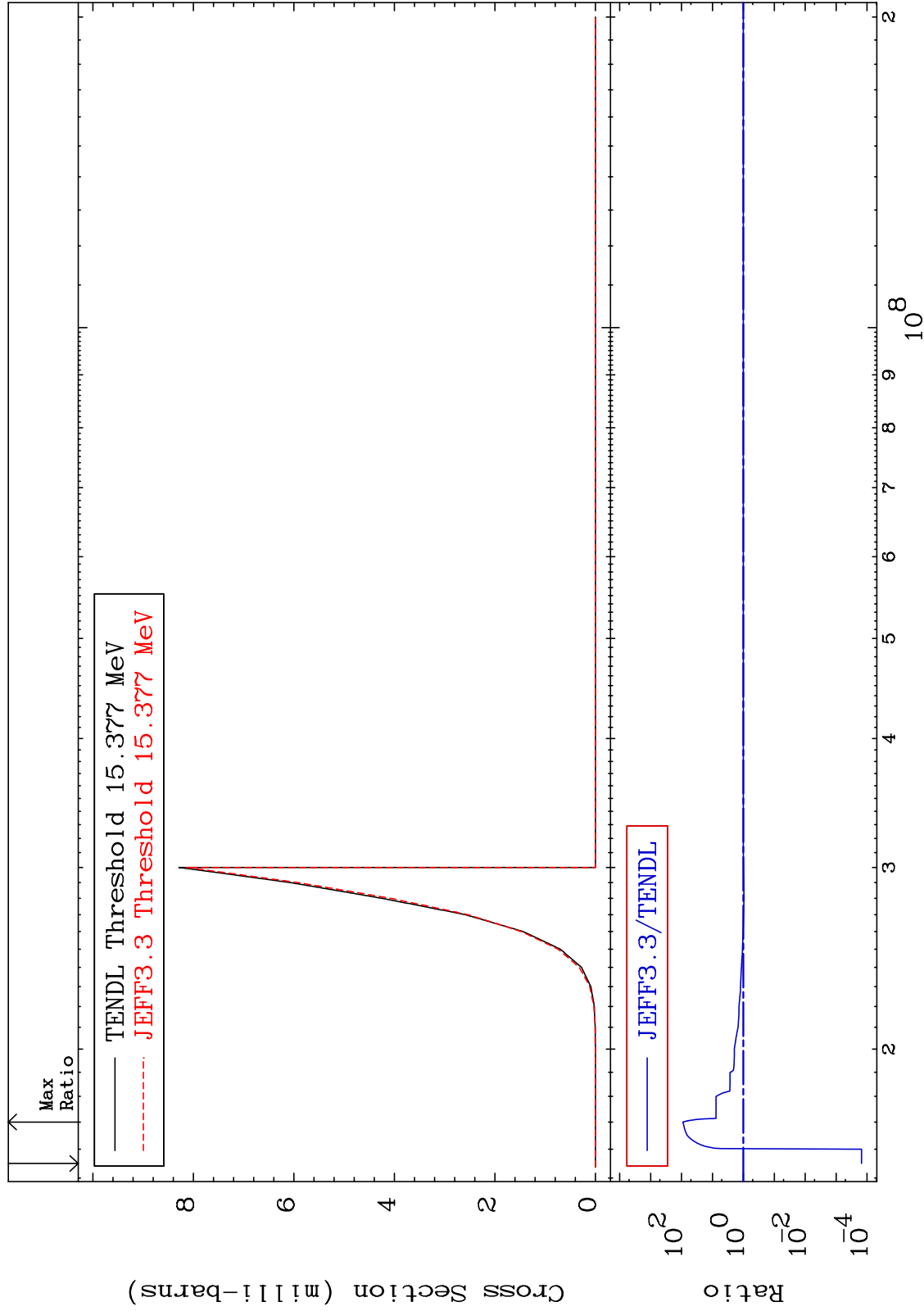
(n, n') He-3:66-Dy-165m2

68-Er-168

Radionuclide Production Cross Section -20.70 To 24.94 %





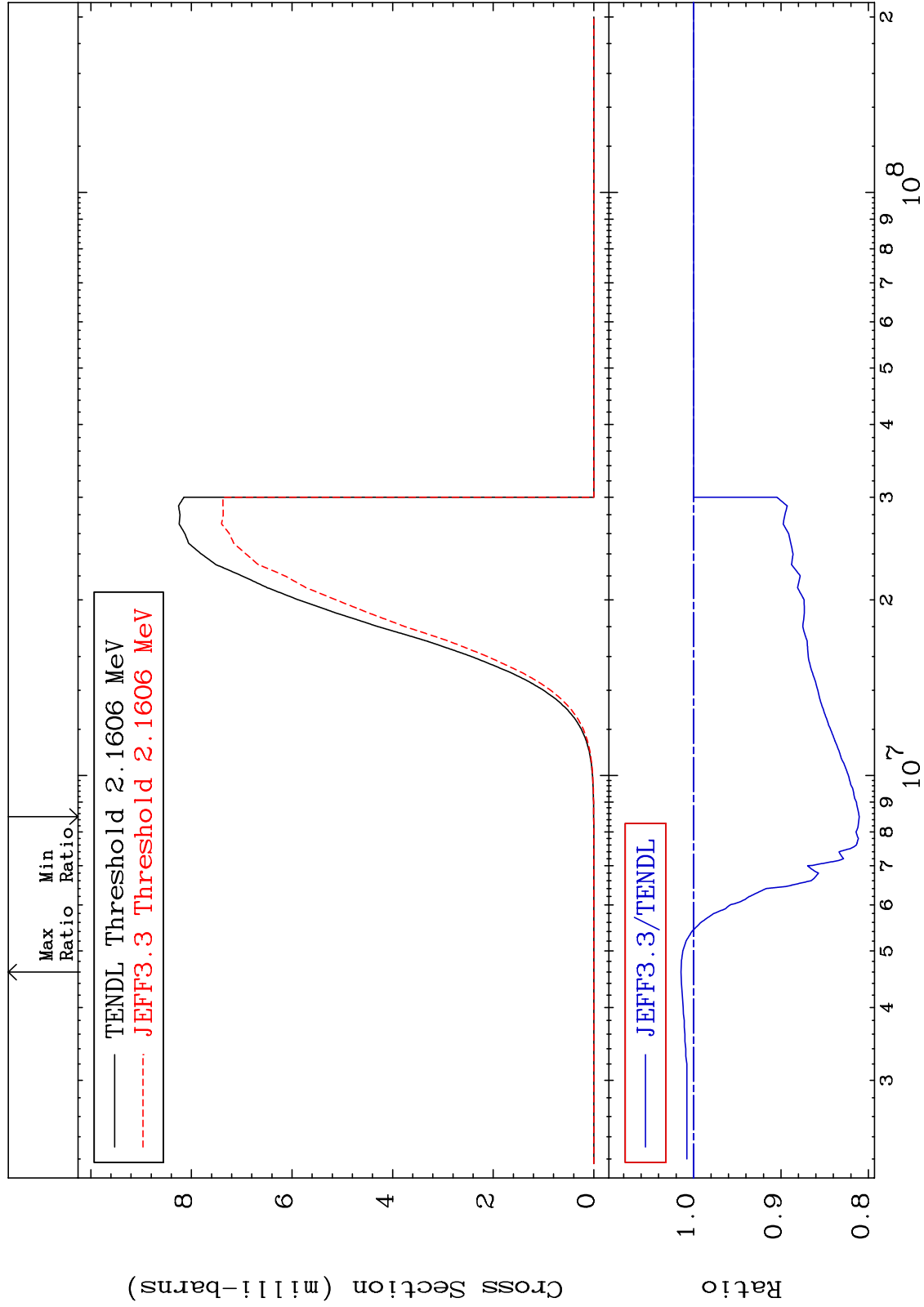


MAT 6843

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

68-Er-168

Radionuclide Production Cross Section -18.96 To 1.433 %

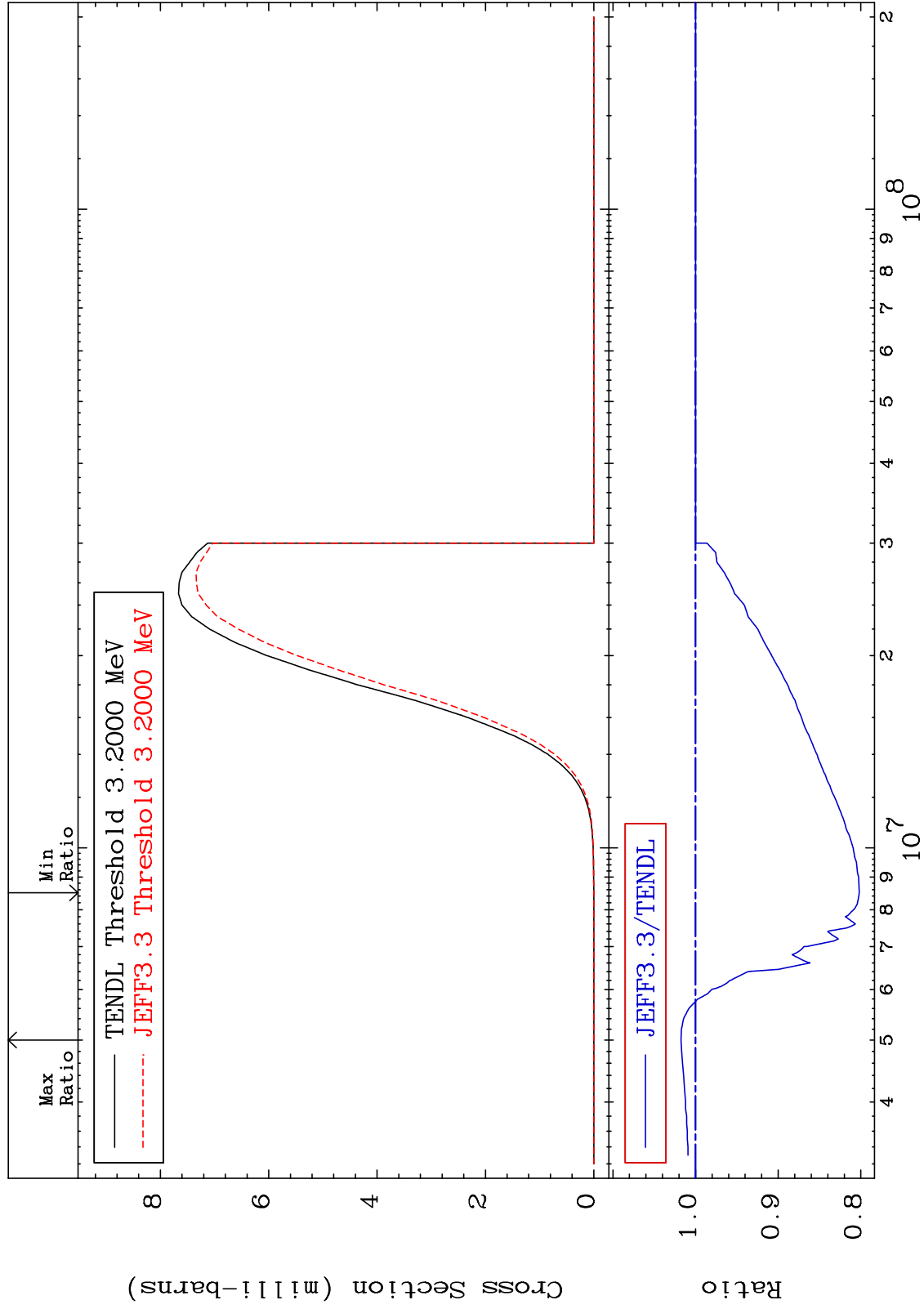


MAT 6843

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

68-Er-168

Radionuclide Production Cross Section -19.81 To 1.755 %

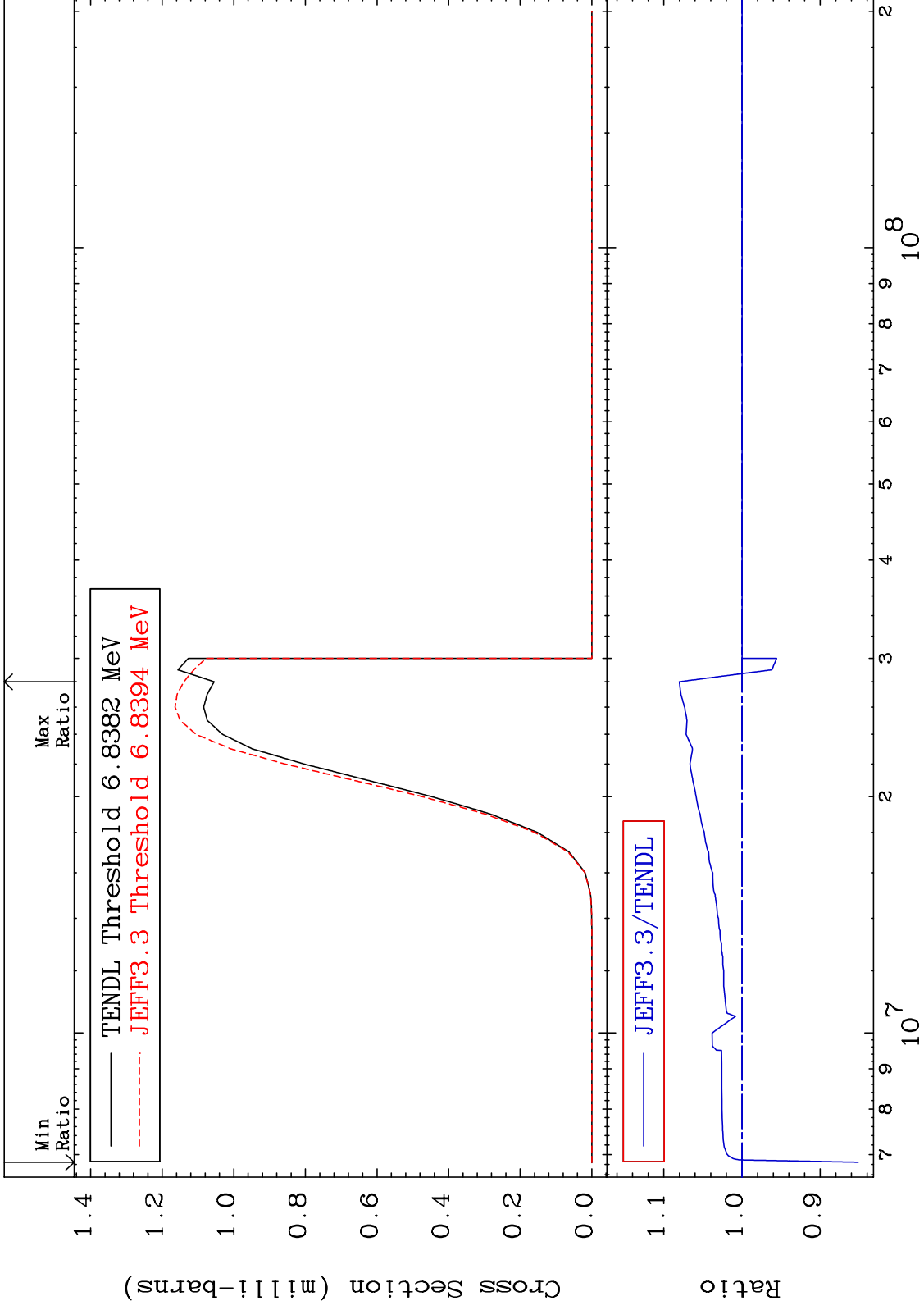


MAT 6843

(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 %

