

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

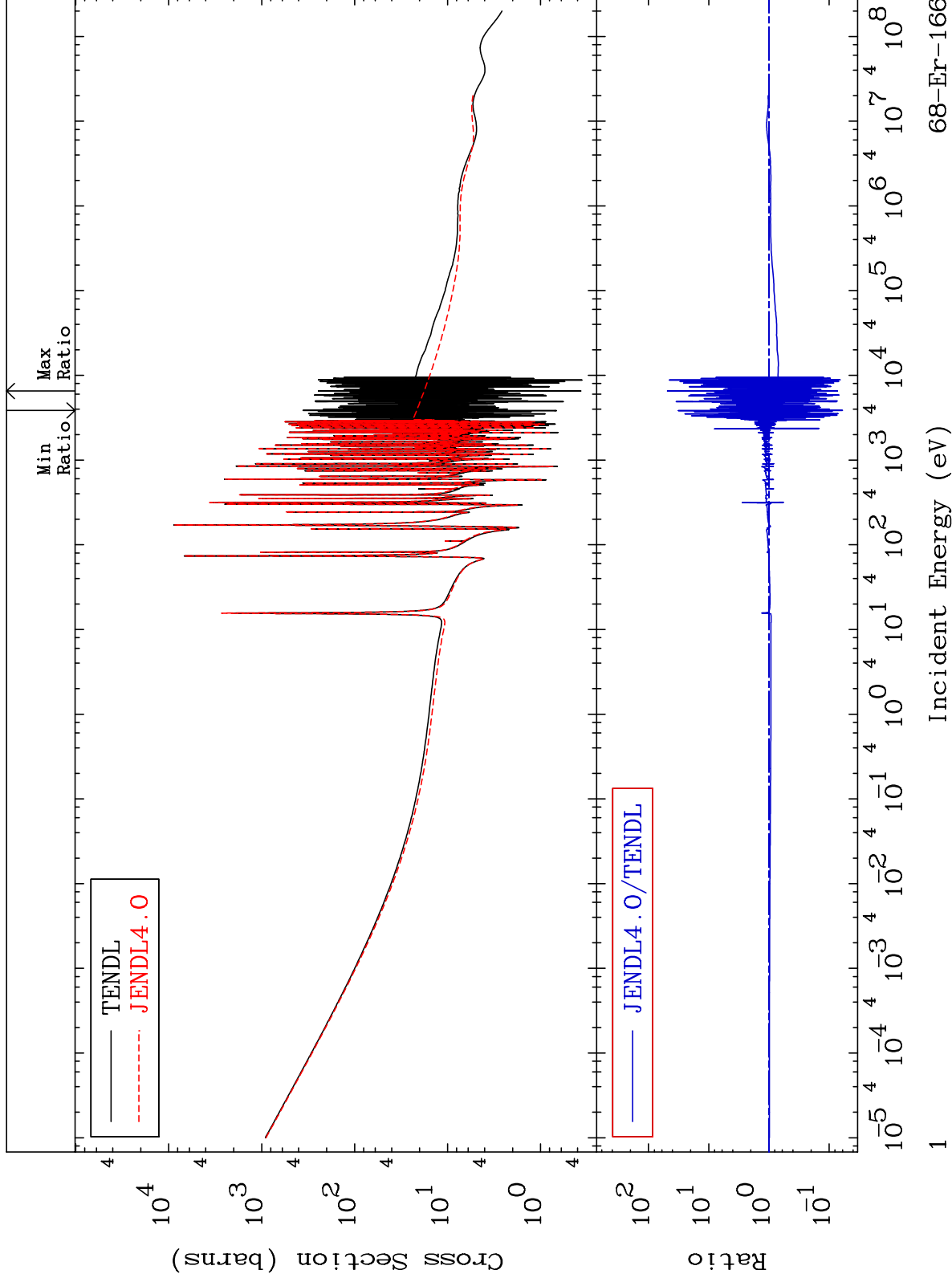
MAT 6837

Total

68-Er-166

Cross Section

-94.03 To 4730. %

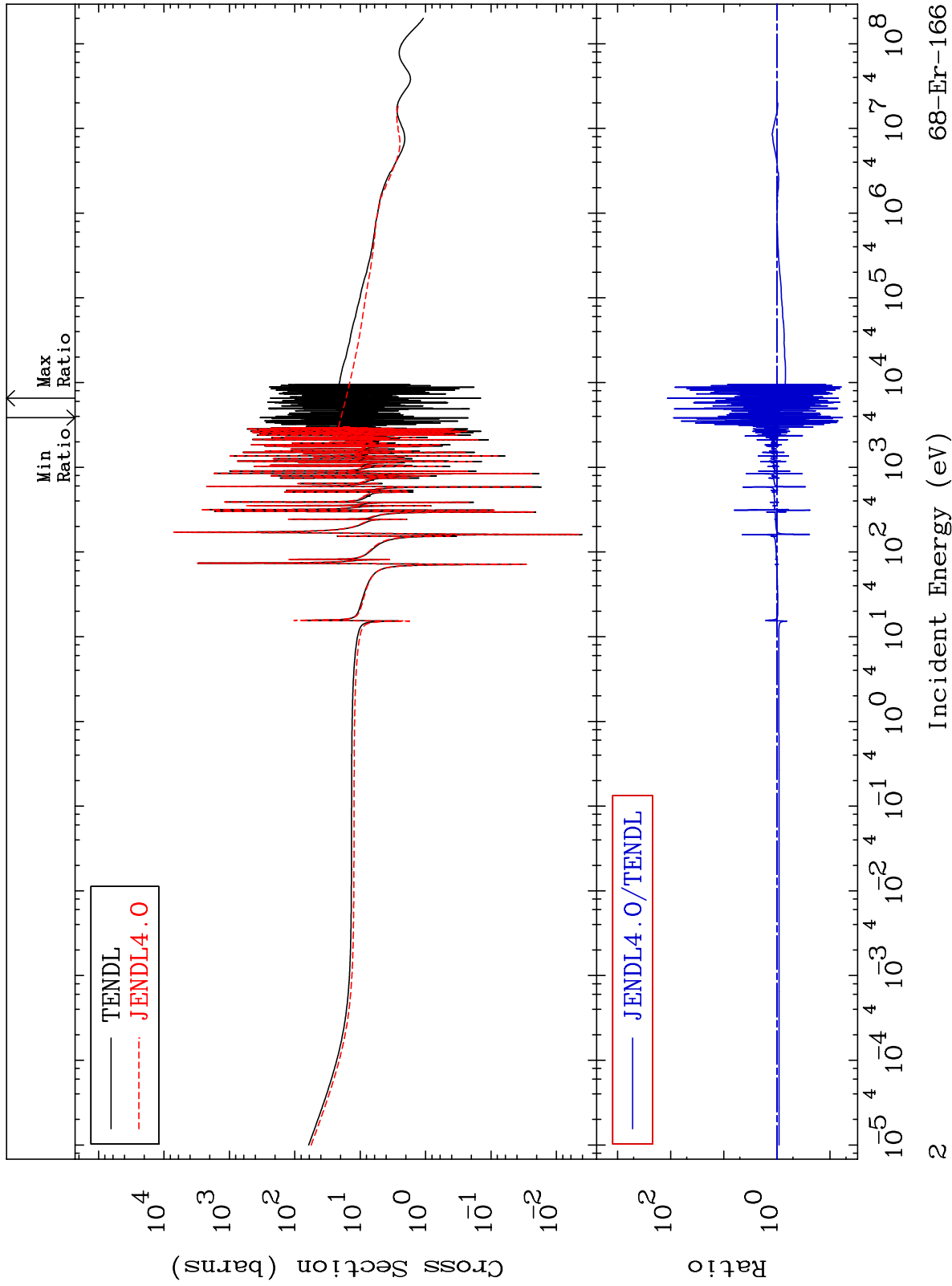


68-Er-166

MAT 6837

Elastic
Cross Section

68-Er-166
-94.21 To 9999. %



68-Er-166

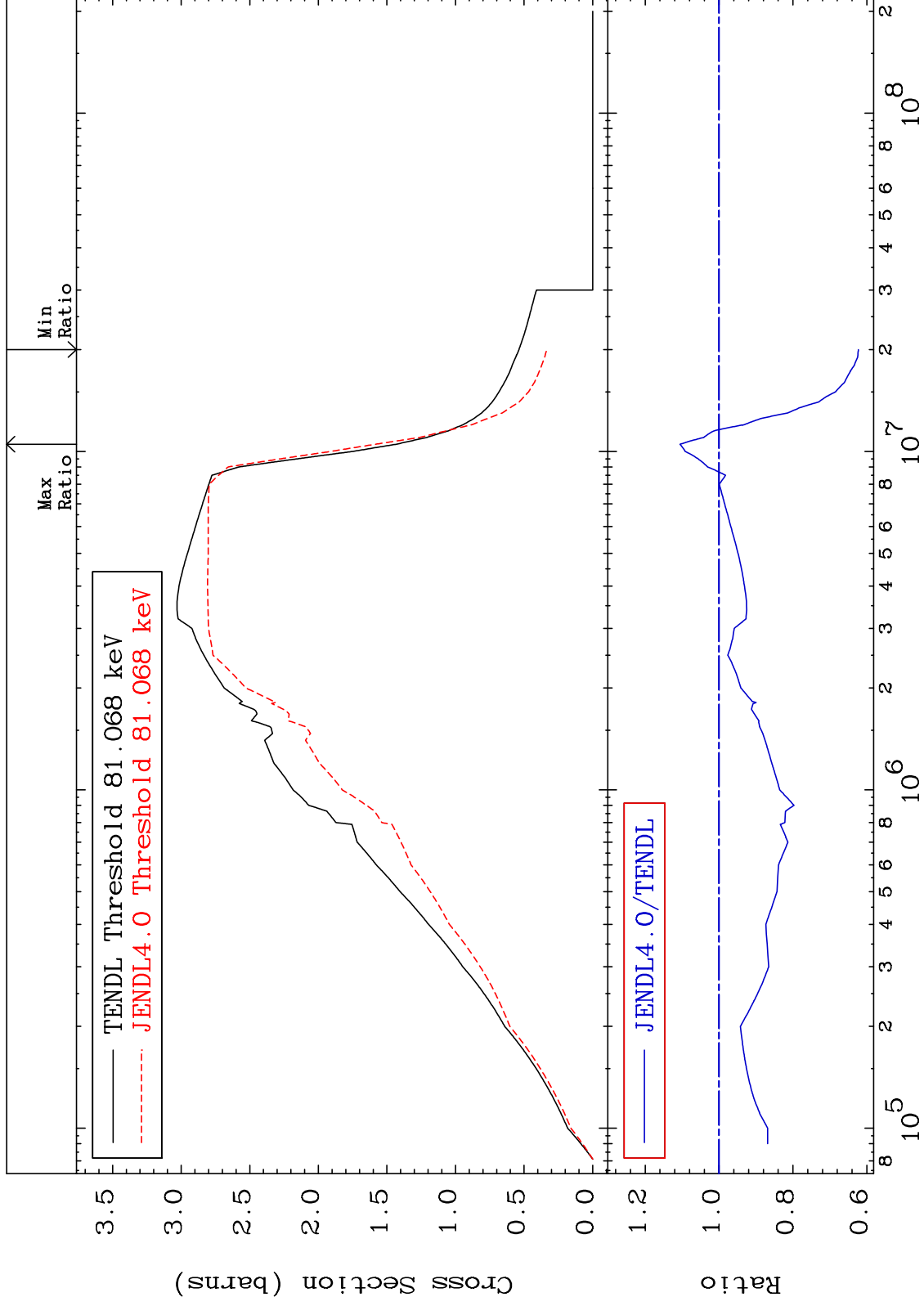
MAT 6837

68-Er-166

Inelastic

Cross Section

-37.72 To 10.57 %



68-Er-166

Incident Energy (eV)

3

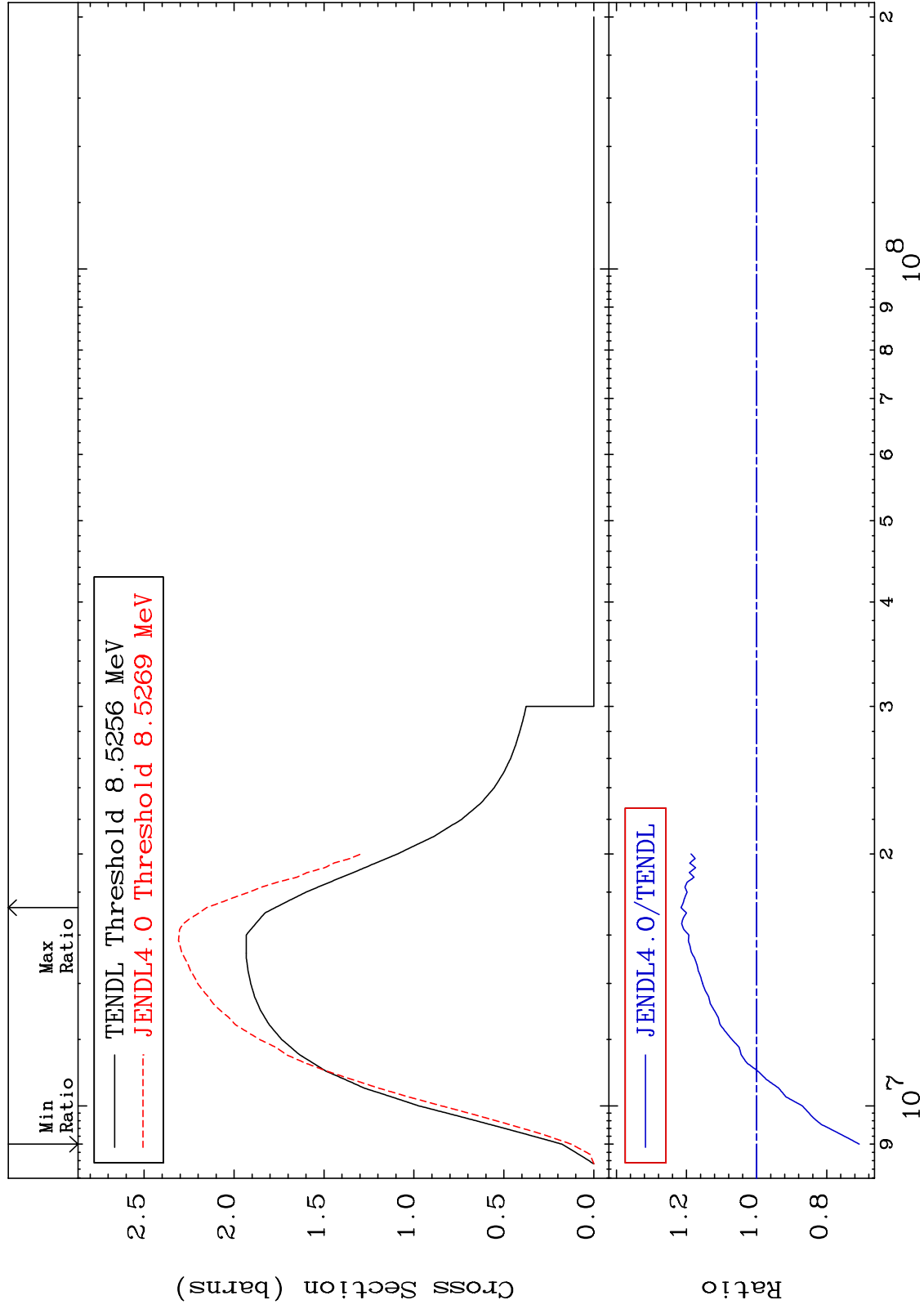
MAT 6837

(n,2n)

68-Er-166

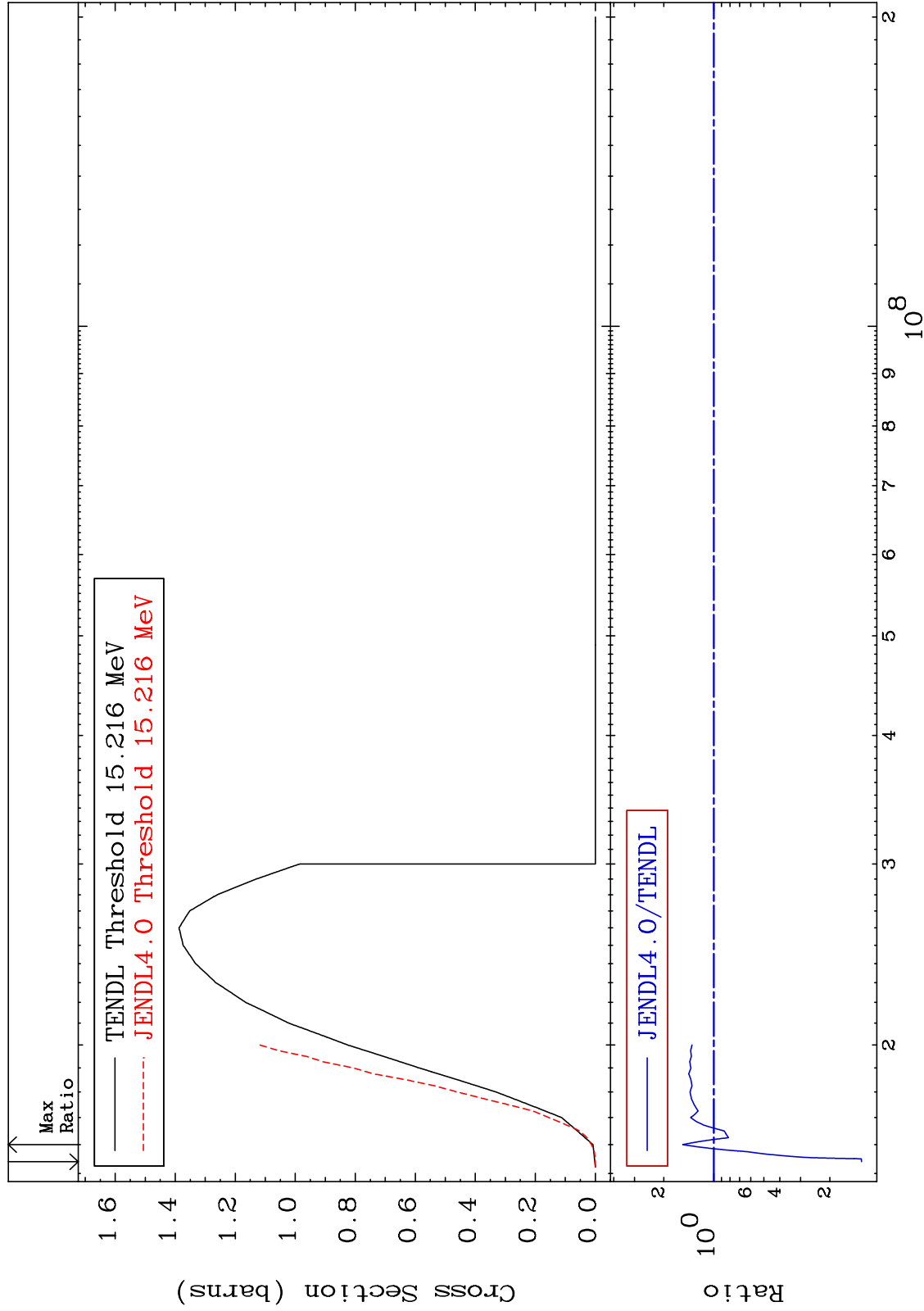
Cross Section

-29.27 To 21.56 %



Cross Section

-87.10 To 53.52 %



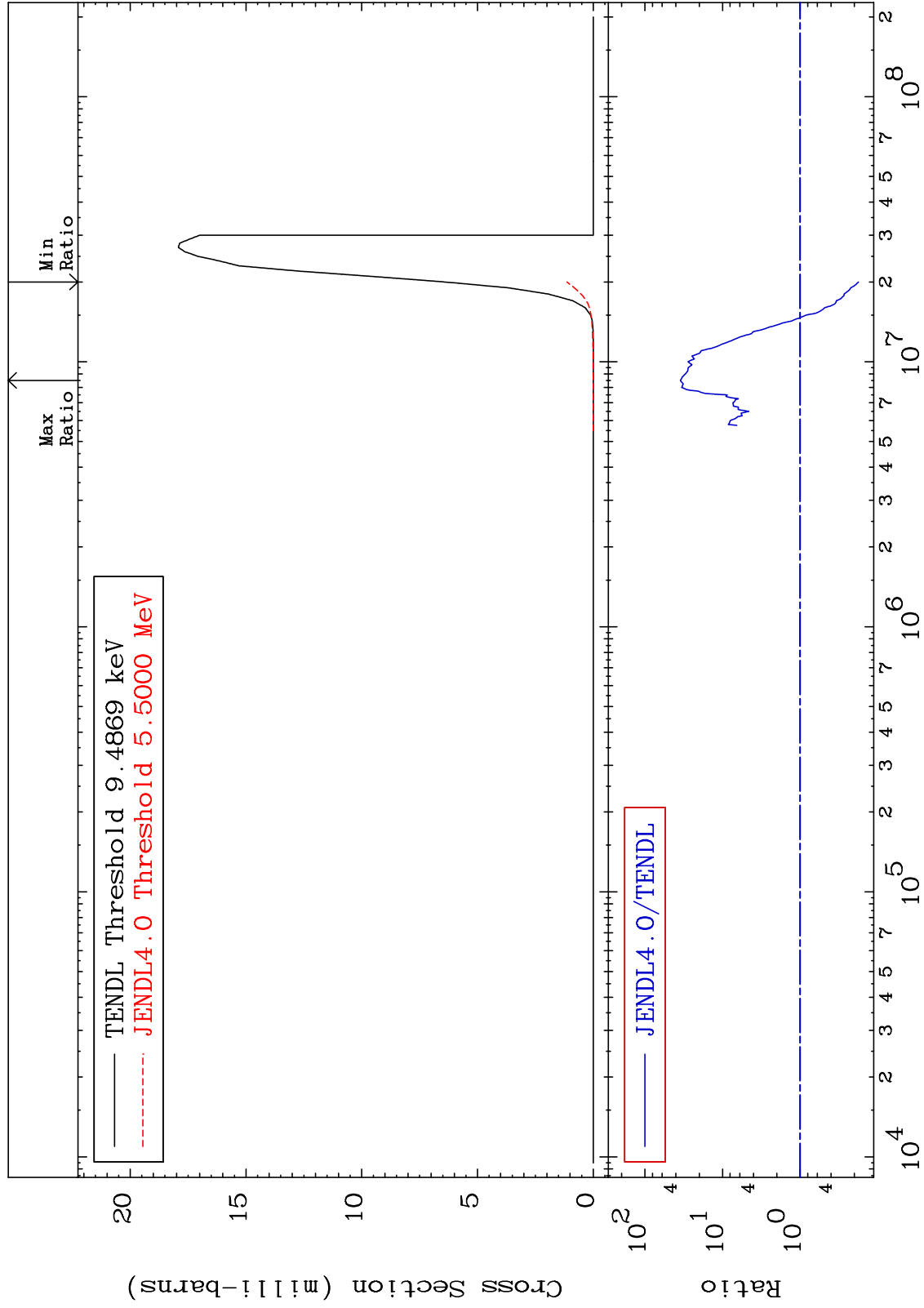
MAT 6837

(n, n') α

68-Er-166

Cross Section

-82.30 To 3391. %



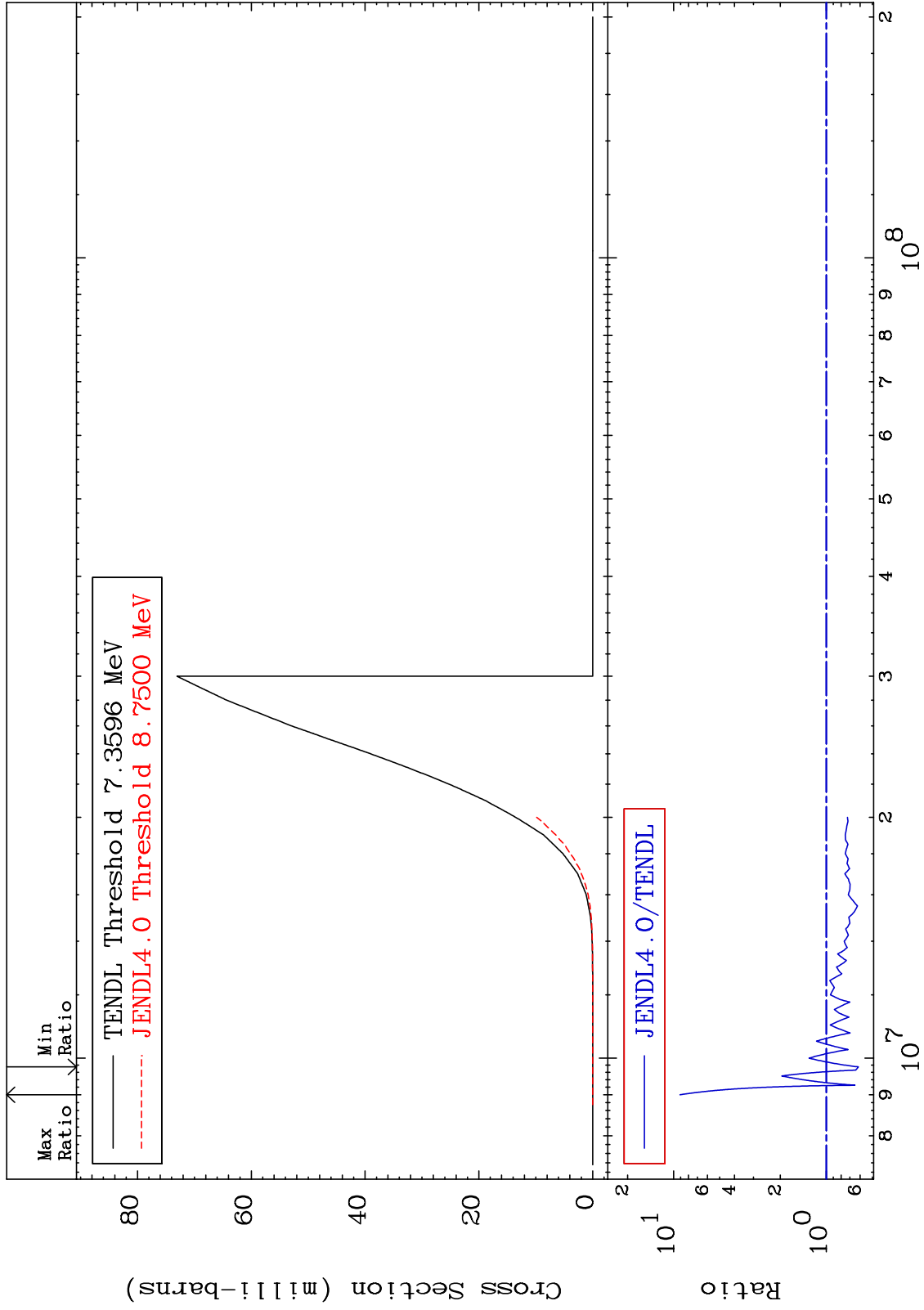
Incident Energy (eV)

68-Er-166

MAT 6837

(n,n') p
Cross Section

68-Er-166
-38.40 To 808.5 %



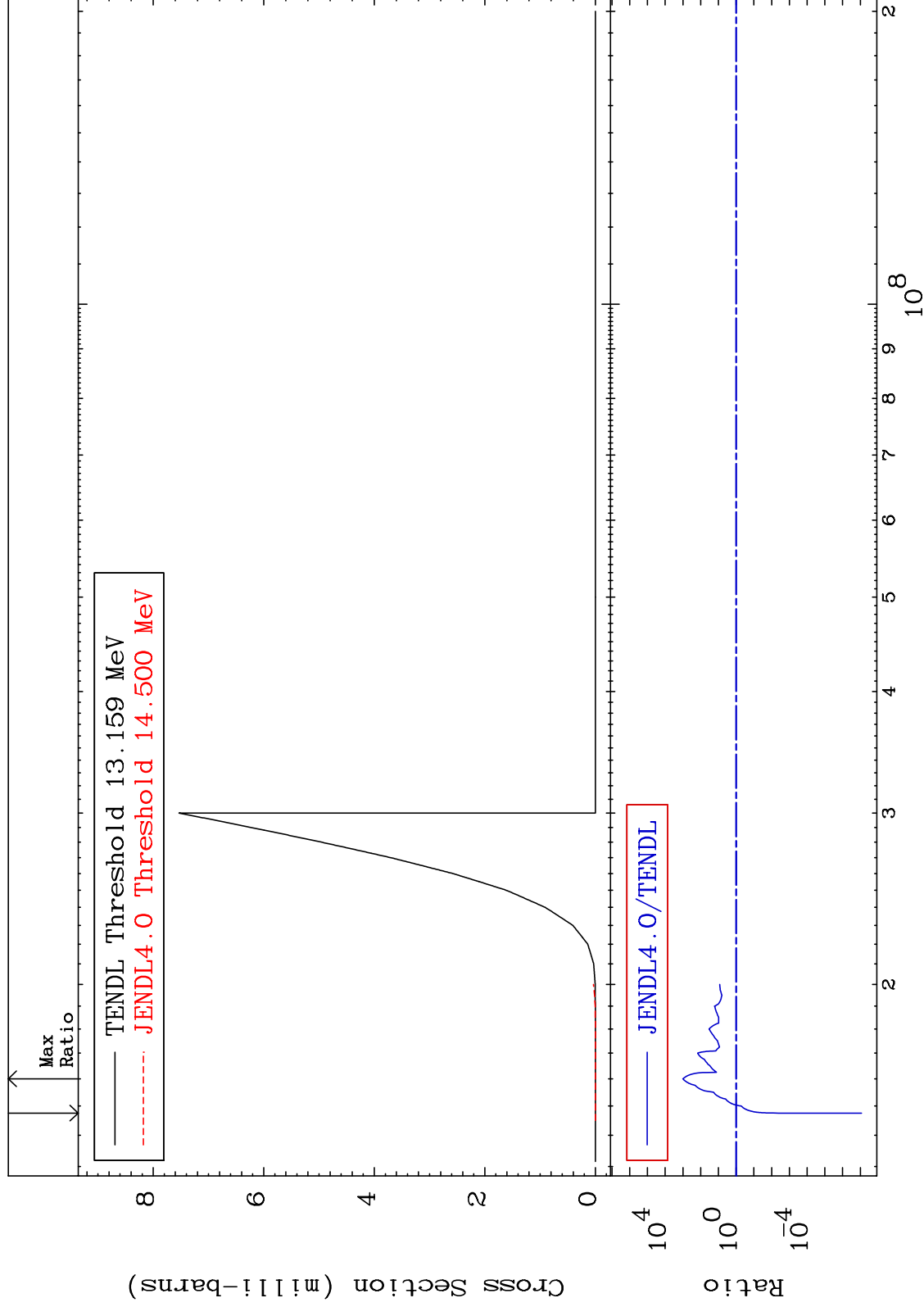
MAT 6837

(n,n') d

68-Er-166

Cross Section

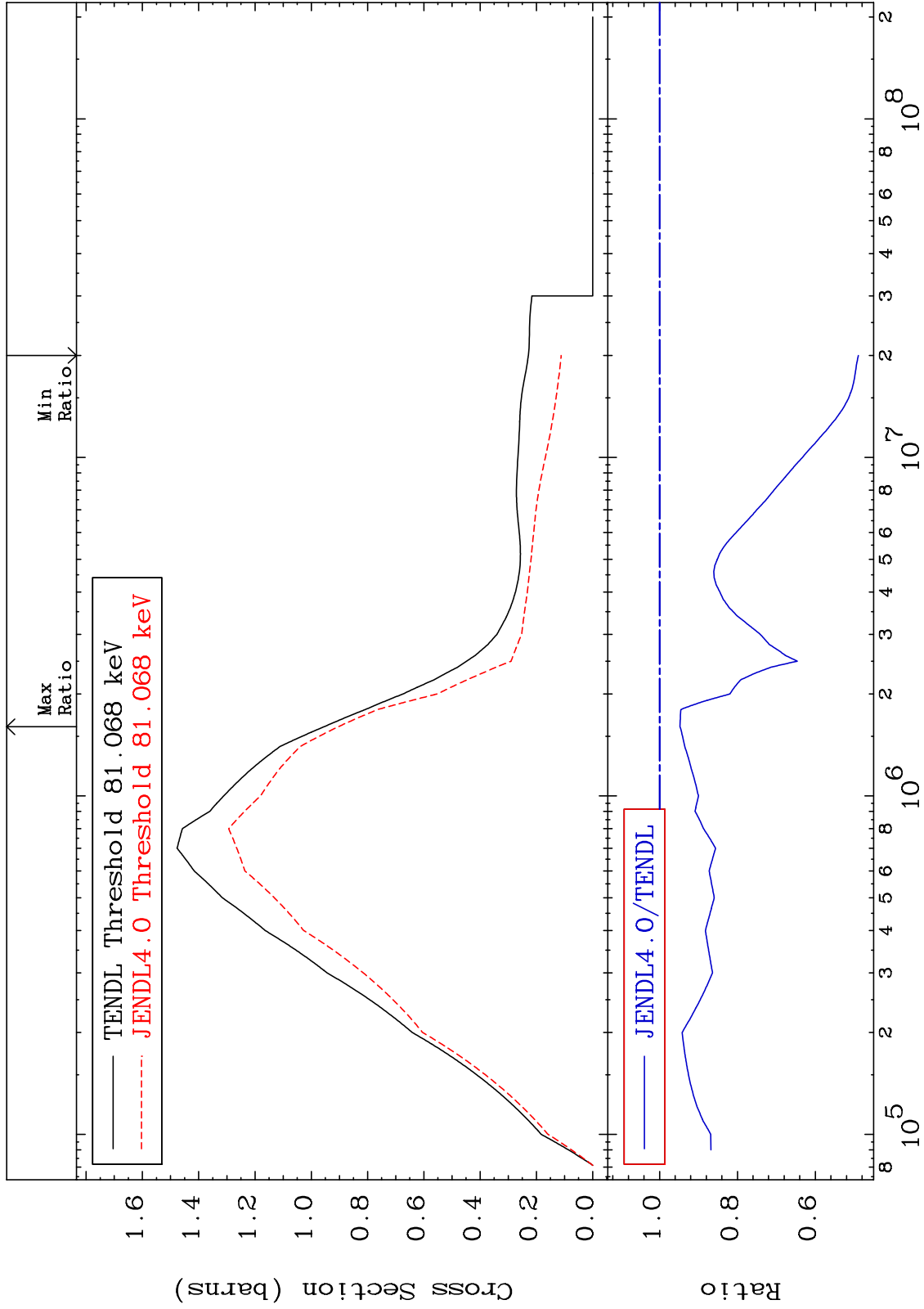
-100.0 To 9999. %



MAT 6837

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

68-Er-166
-51.06 To -5.247%



9

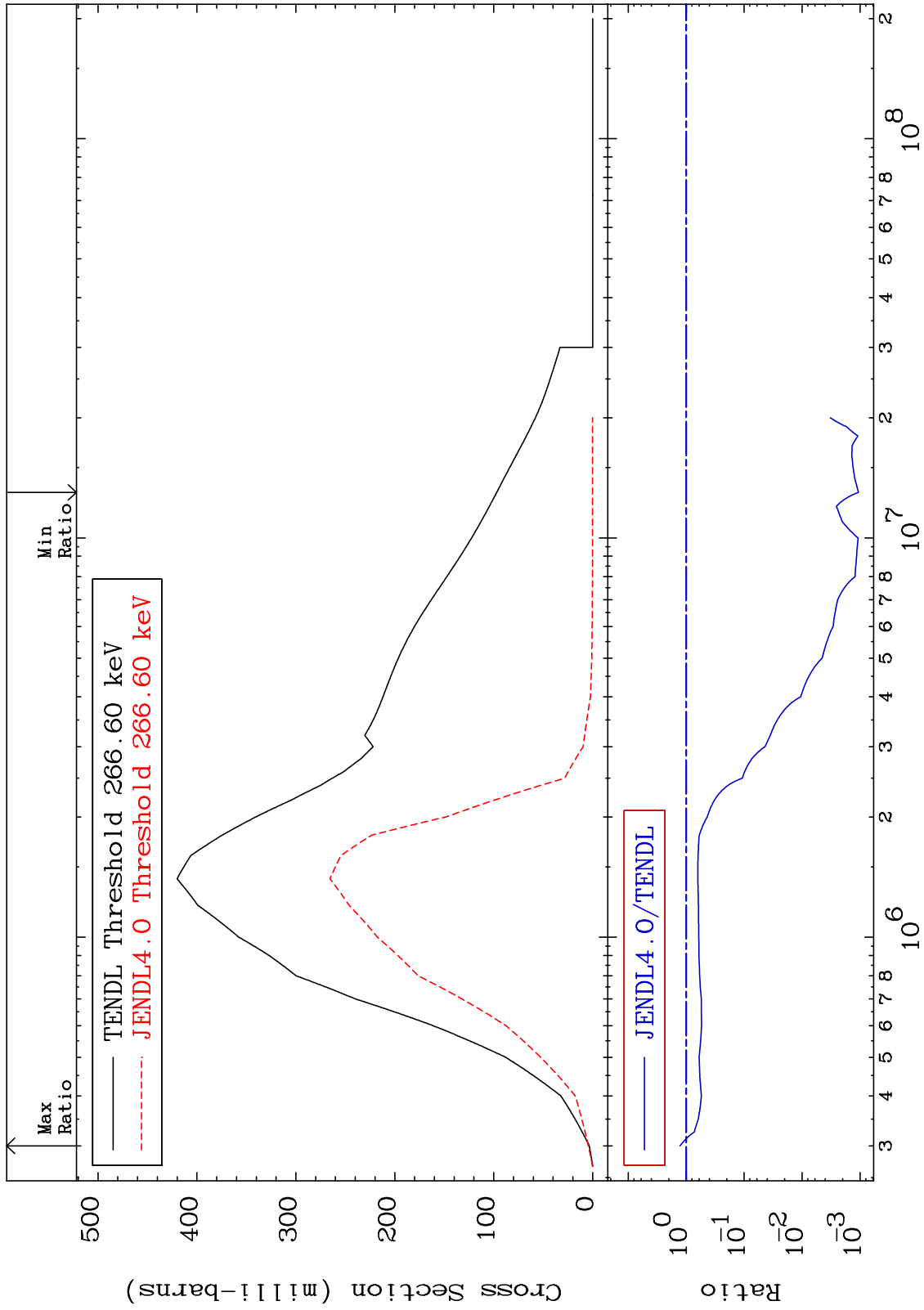
Incident Energy (eV)

68-Er-166

MAT 6837

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

68-Er-166
-99.89 To 28.06 %



10

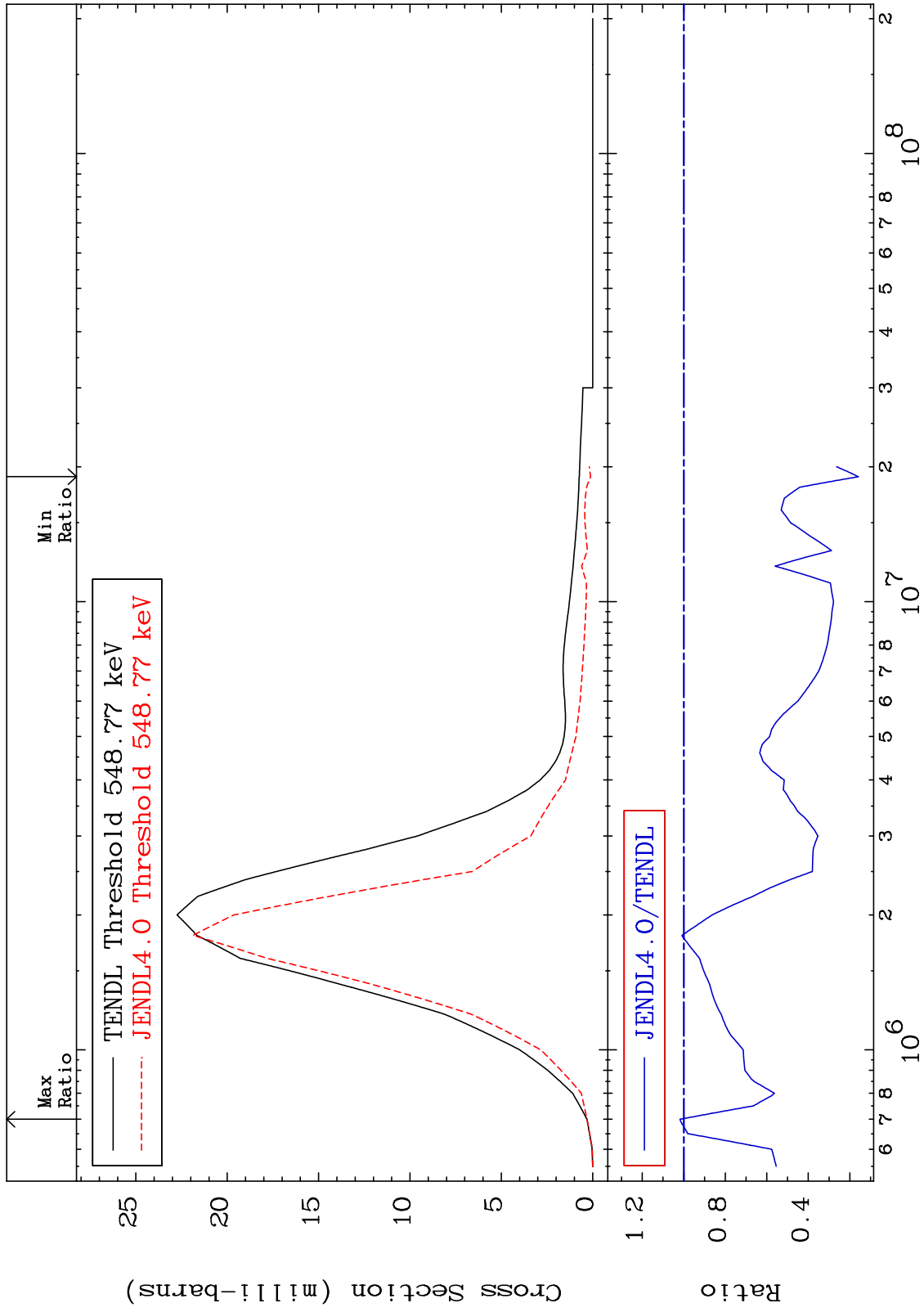
68-Er-166

68-Er-166

MAT 6837

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

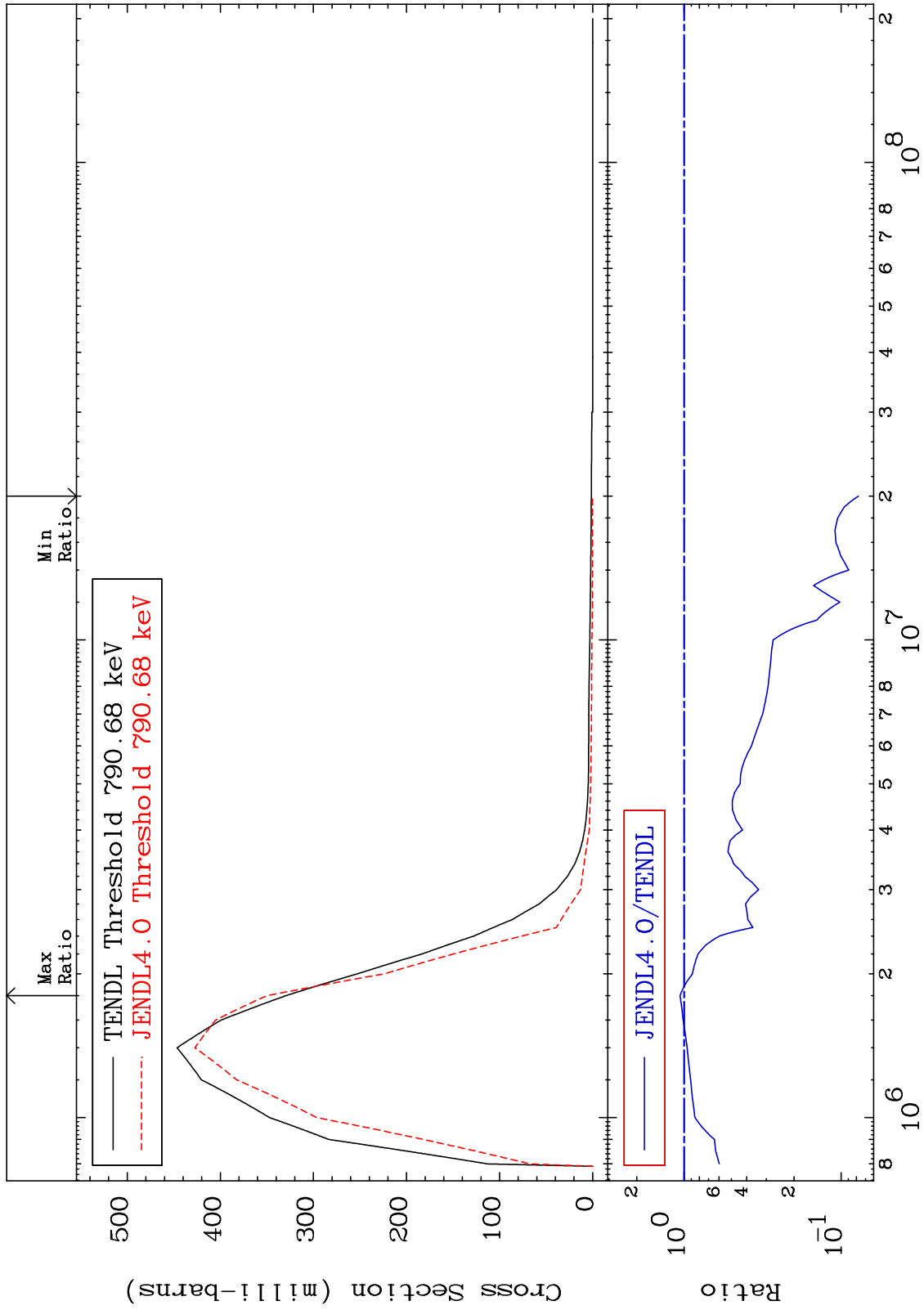
68-Er-166
-84.16 To 1.818 %



MAT 6837

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

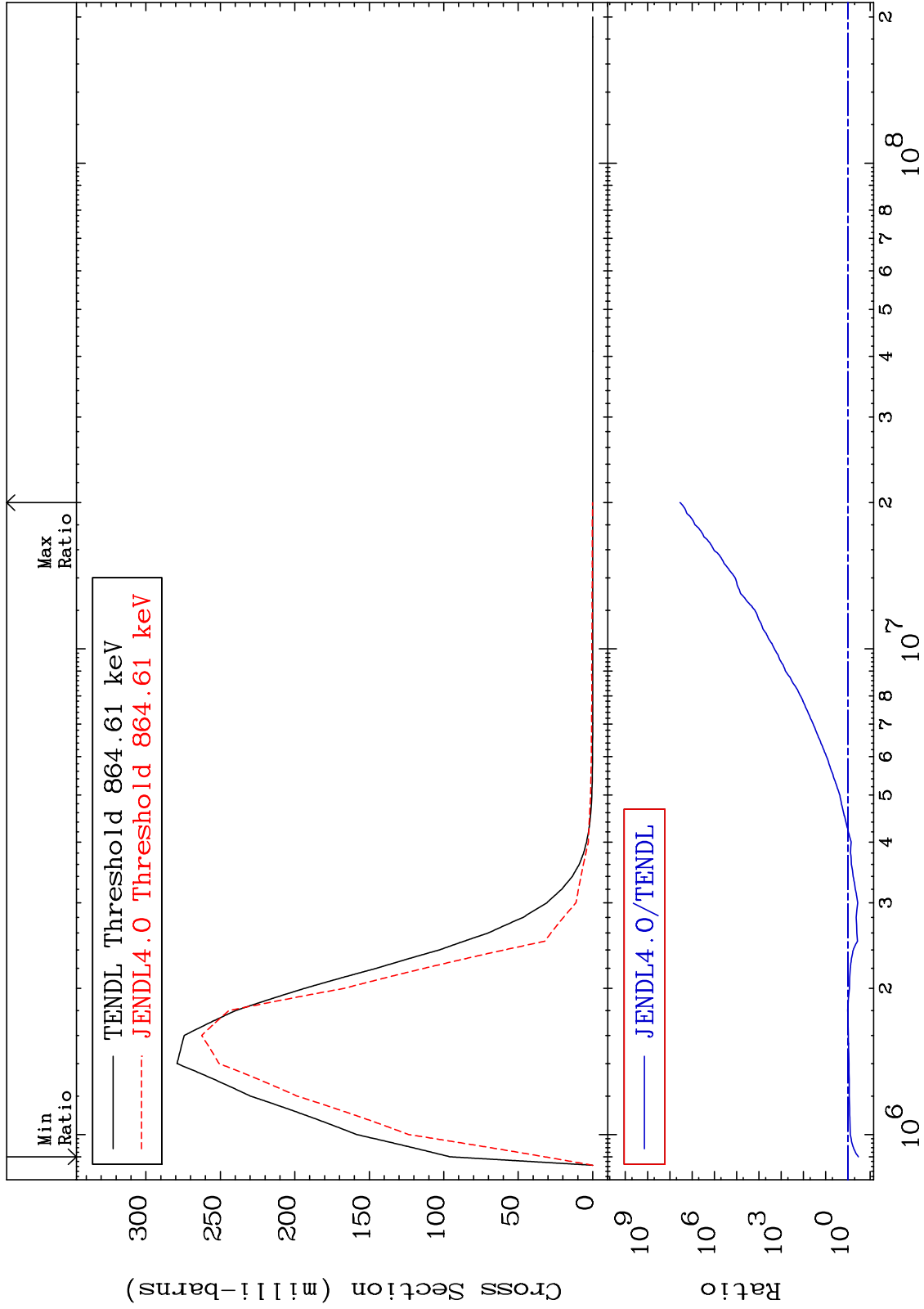
68-Er-166
-92.23 To 6.203 %



MAT 6837

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

68-Er-166
-66.32 To 9999. %



13

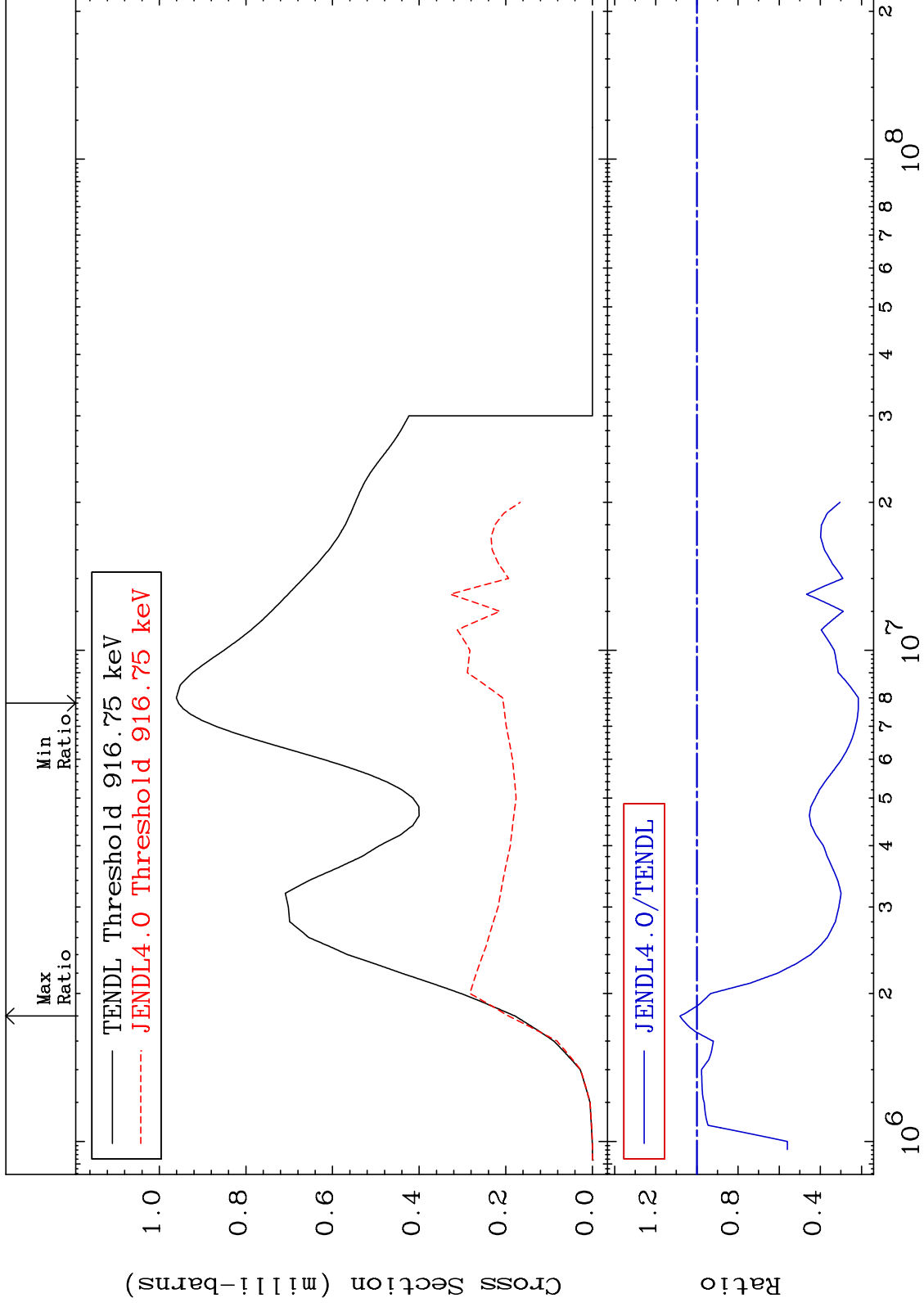
Incident Energy (eV)

68-Er-166

MAT 6837

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

68-Er-166
-78.48 To 8.298 %



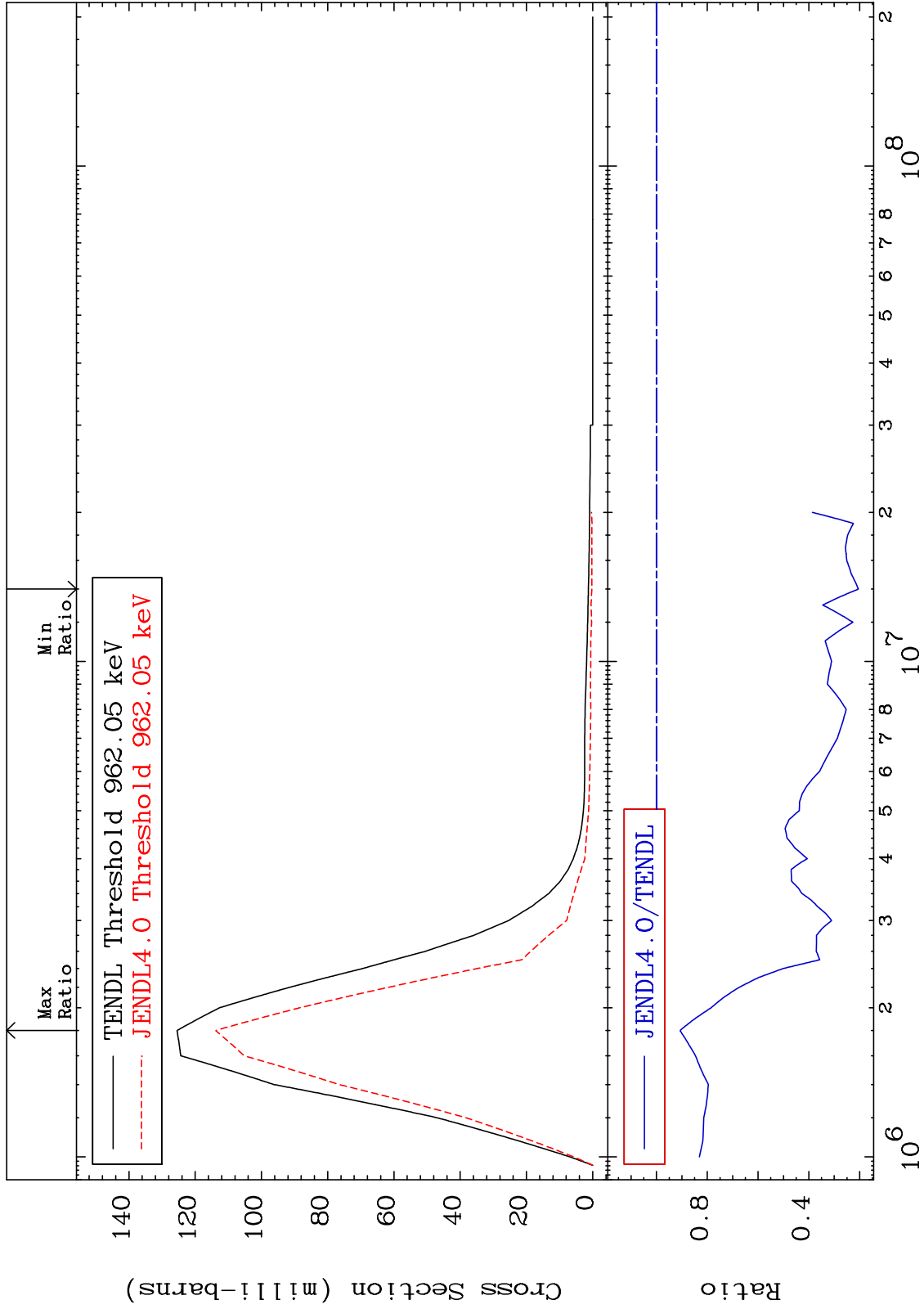
14

68-Er-166

MAT 6837

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

68-Er-166
-79.51 To -9.264%



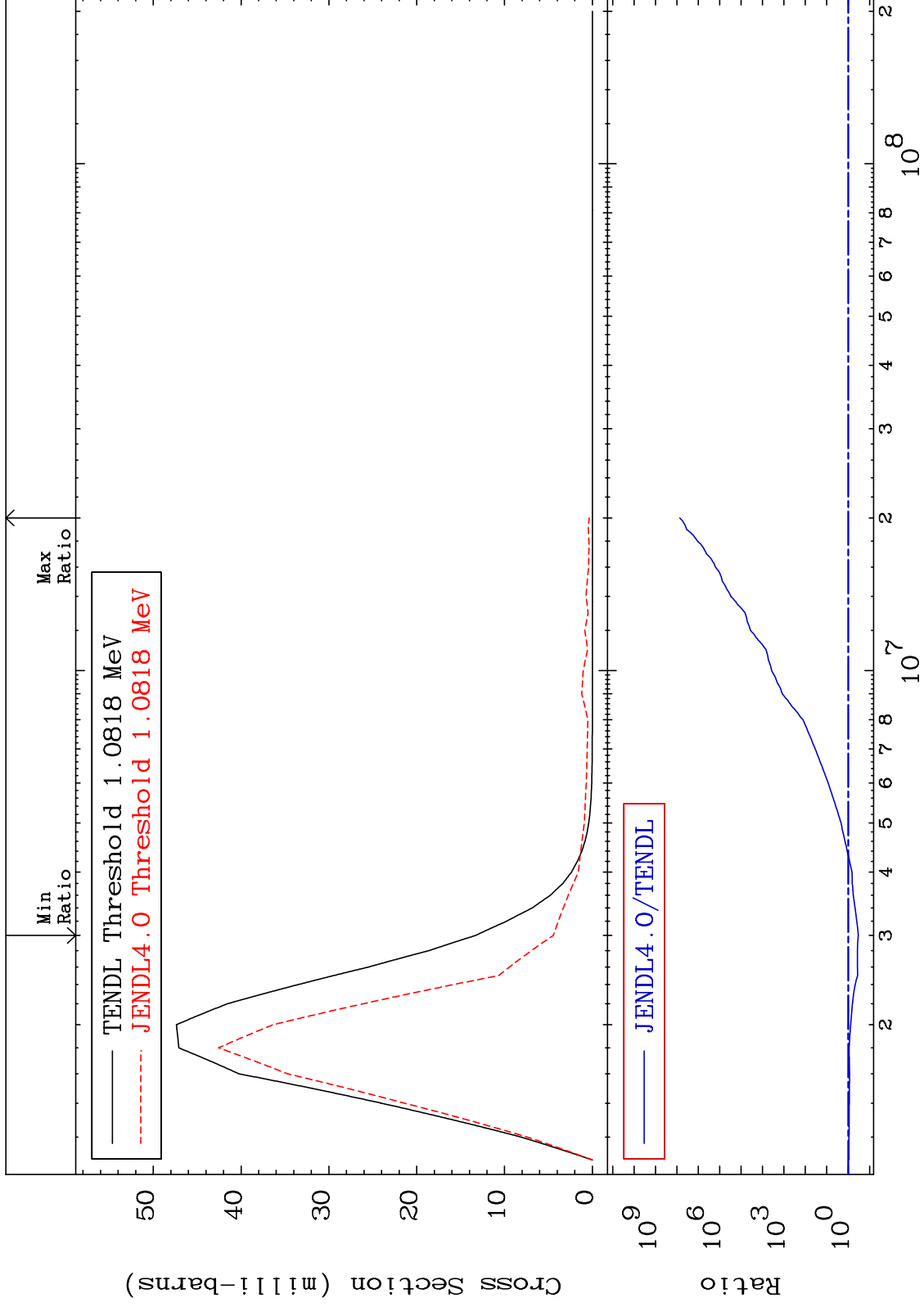
Incident Energy (eV)

68-Er-166

MAT 6837

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

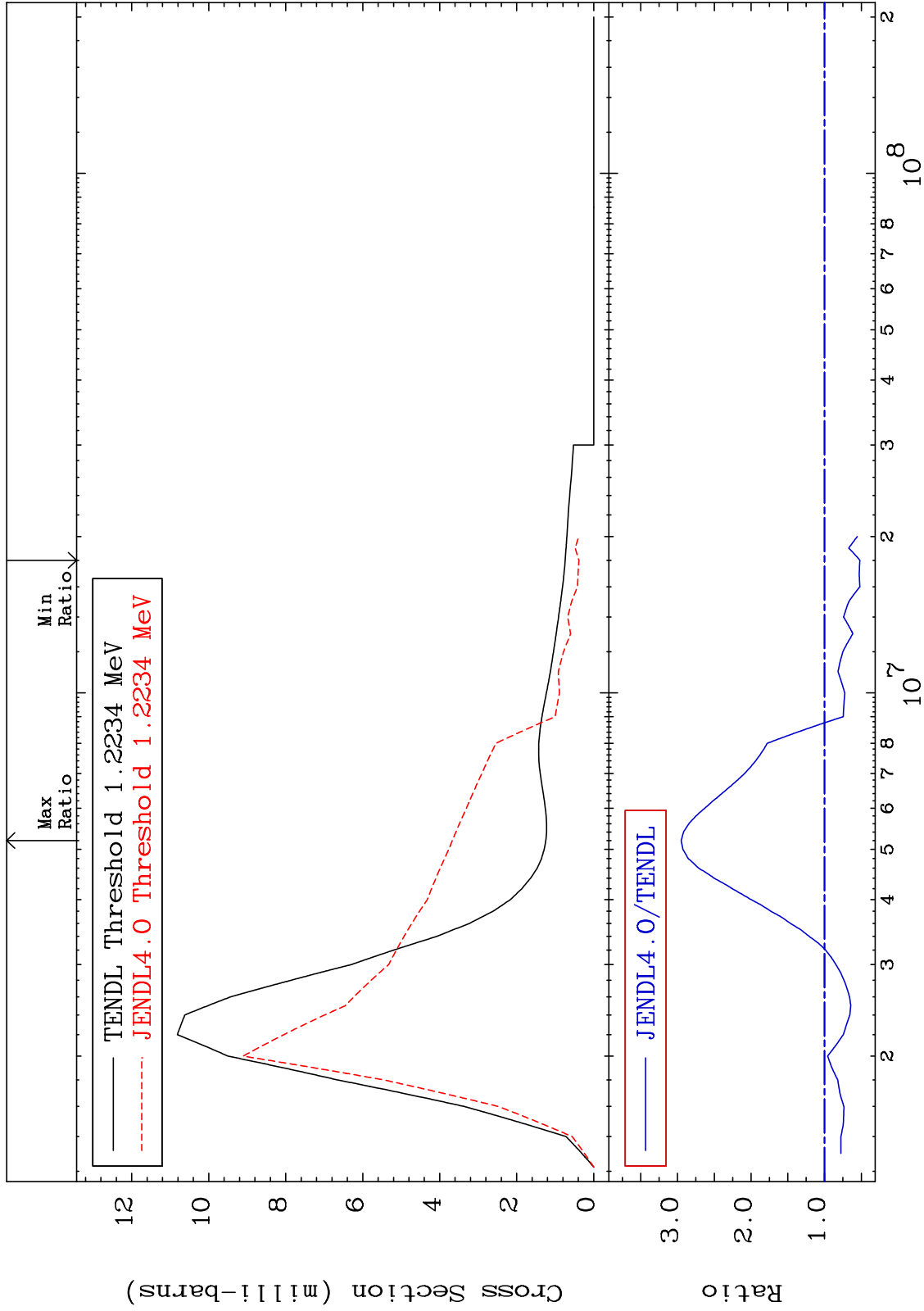
68-Er-166
-66.54 To 9999. %



MAT 6837

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

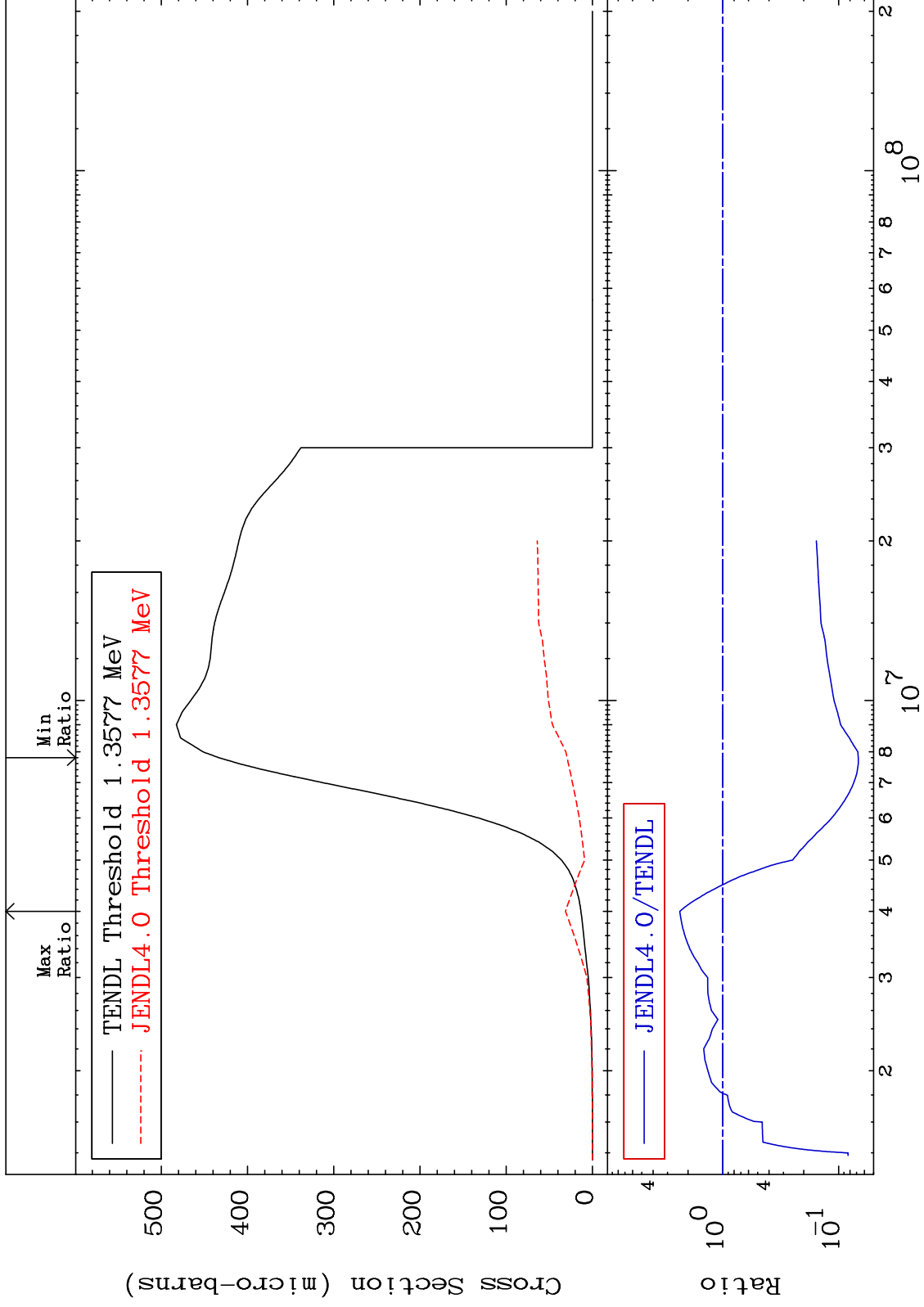
68-Er-166
-48.10 To 194.9 %



MAT 6837

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

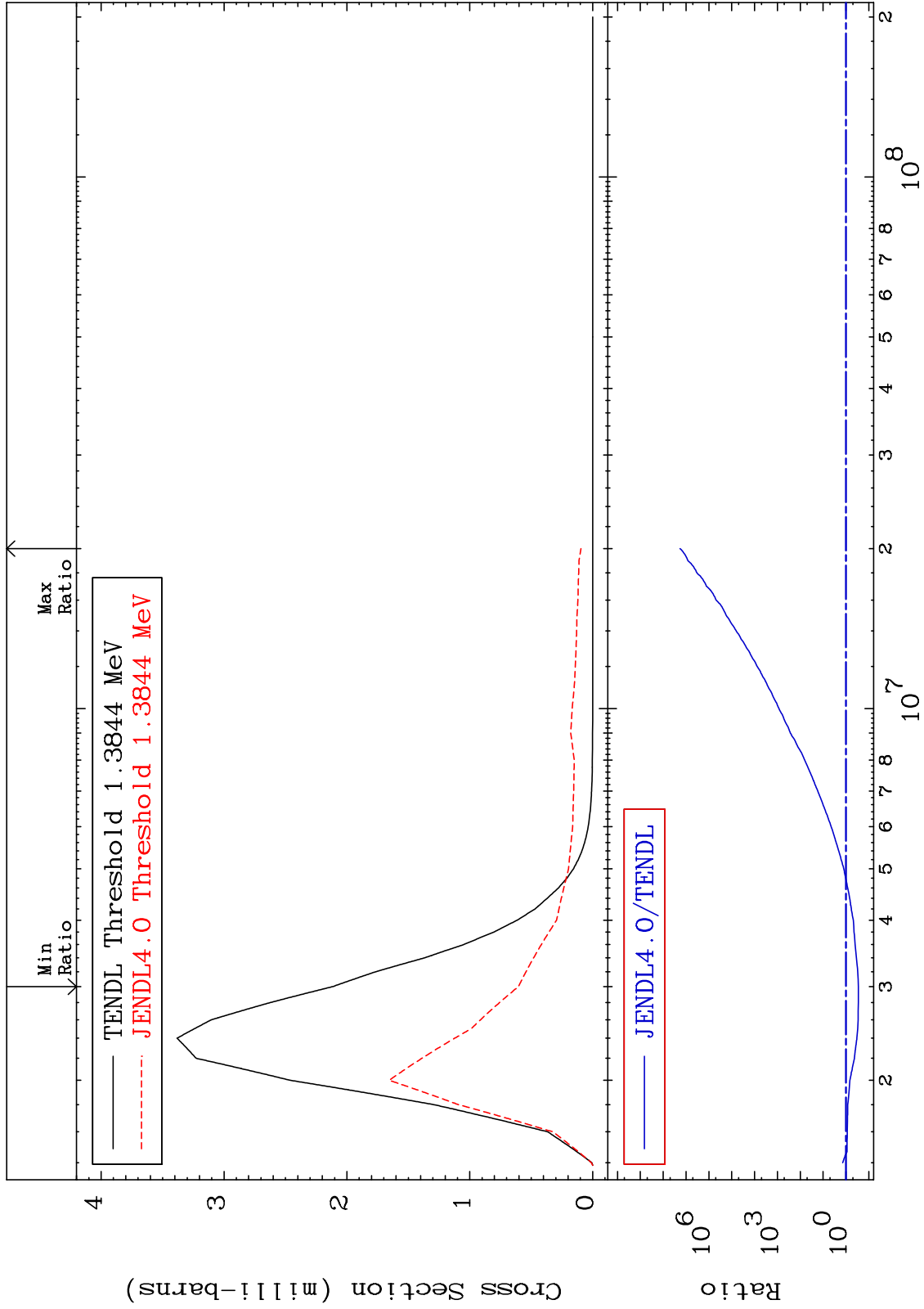
68-Er-166
-93.24 To 135.2 %



MAT 6837

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

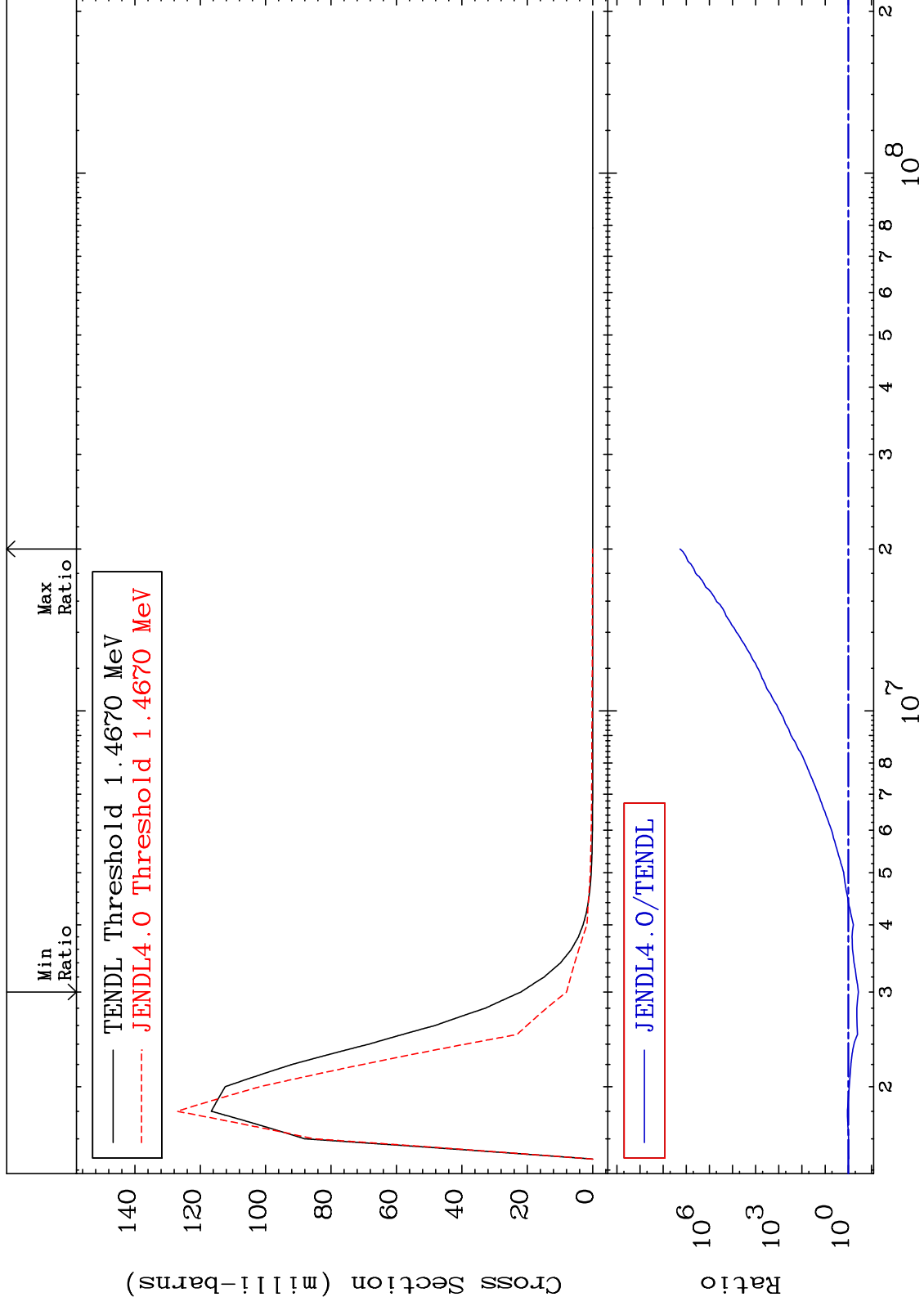
68-Er-166
-71.44 To 9999. %



MAT 6837

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

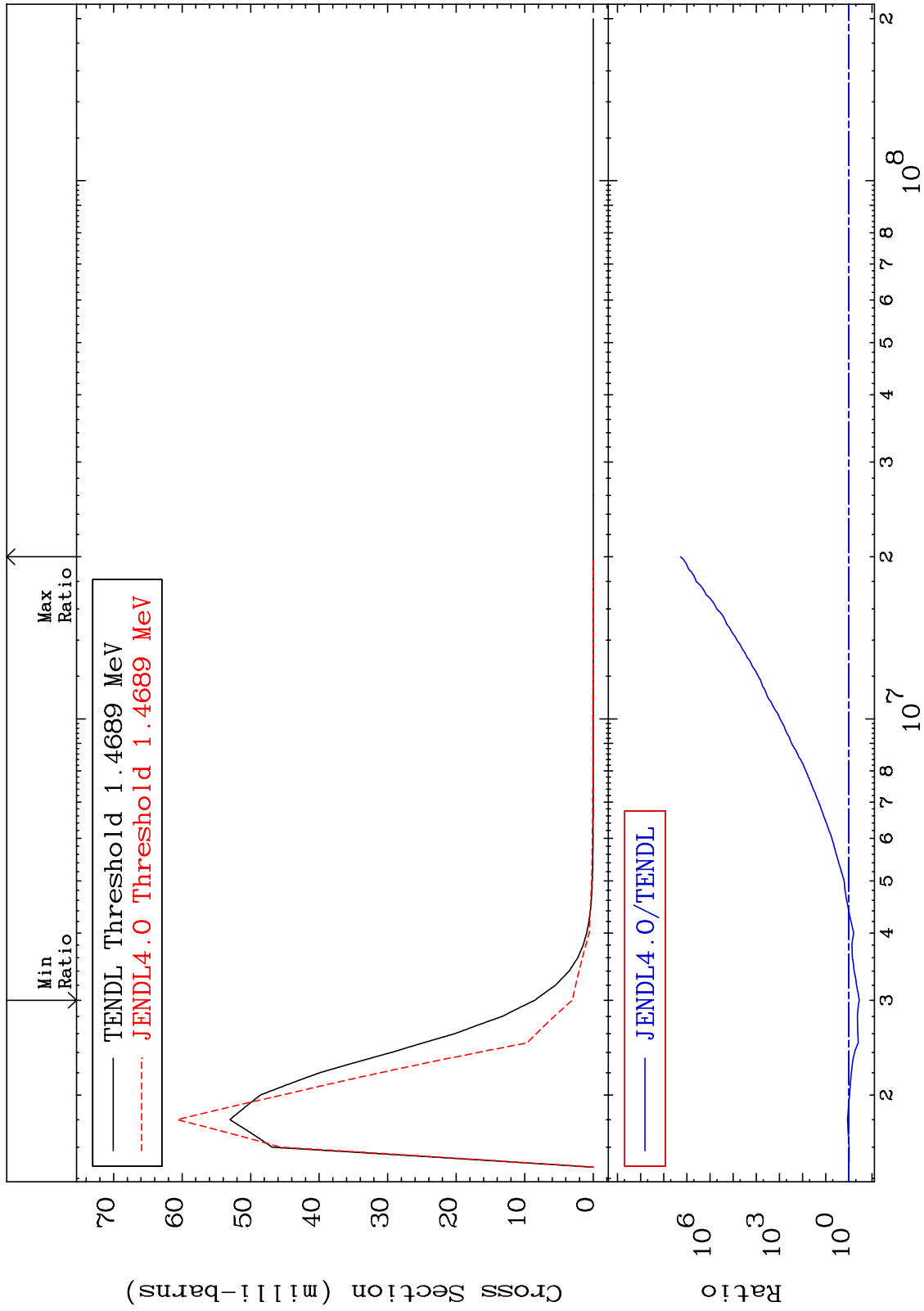
68-Er-166
-63.63 To 9999. %



MAT 6837

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

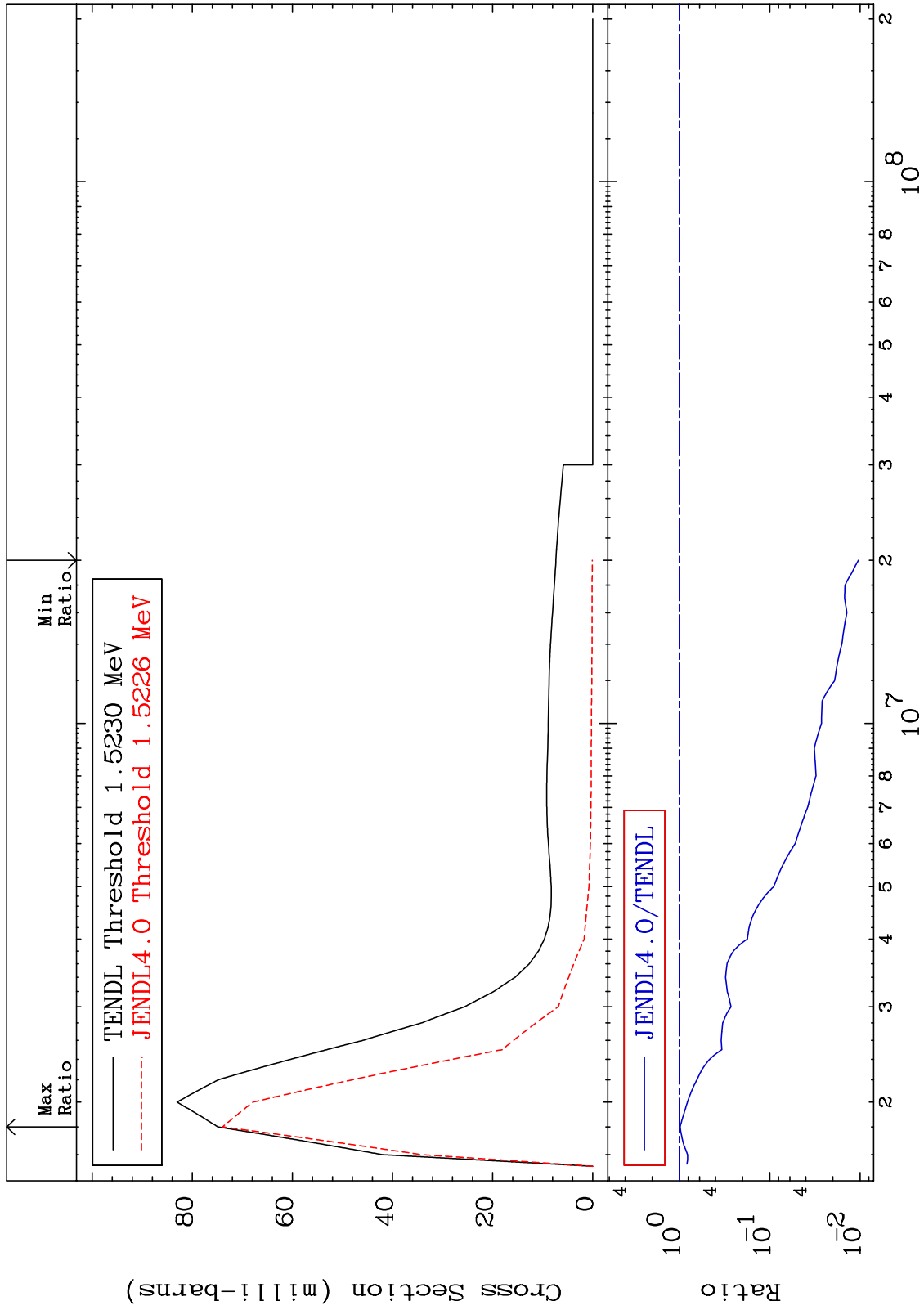
68-Er-166
-64.27 To 9999. %



MAT 6837

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

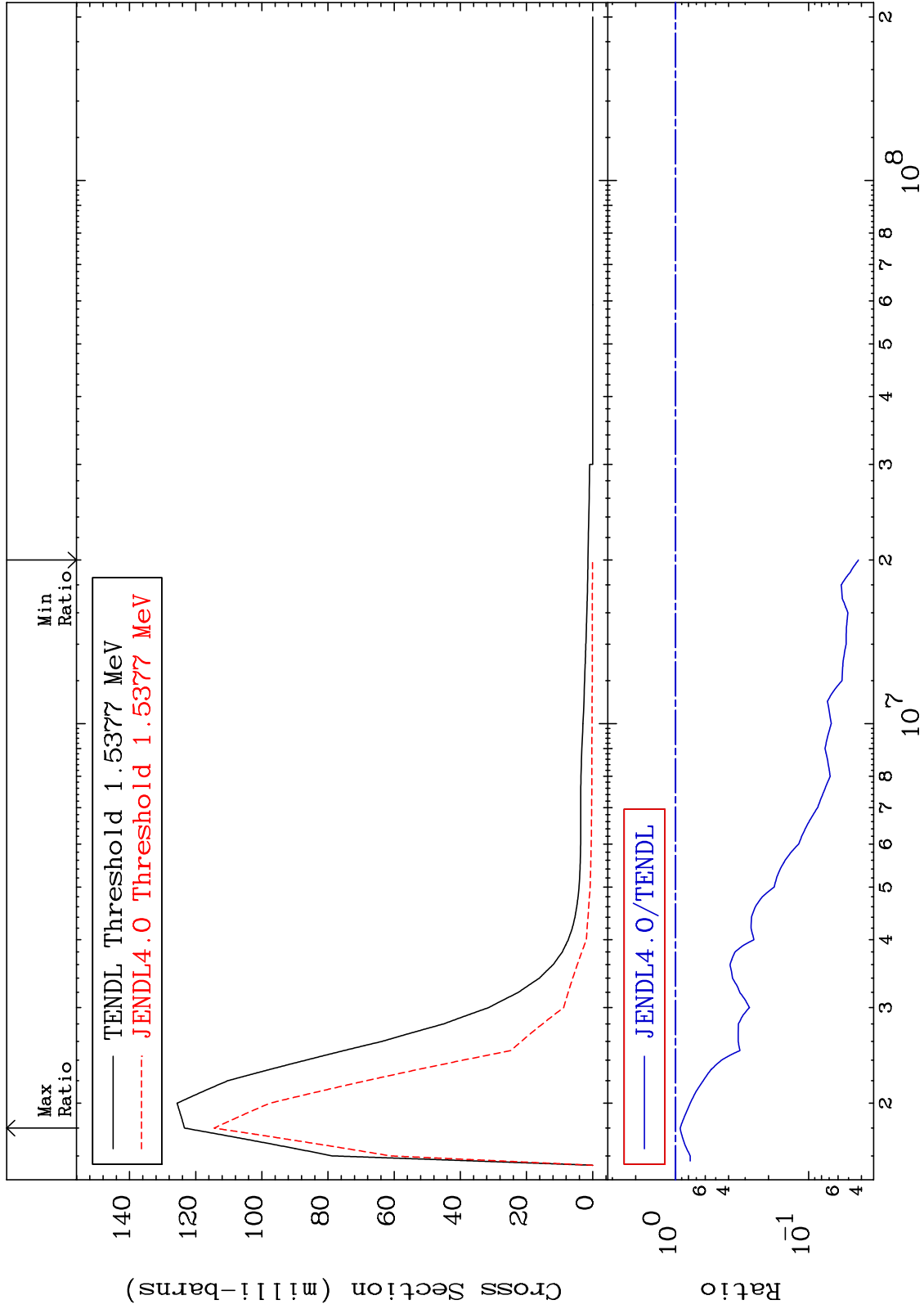
68-Er-166
-98.96 To -1.261%



MAT 6837

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

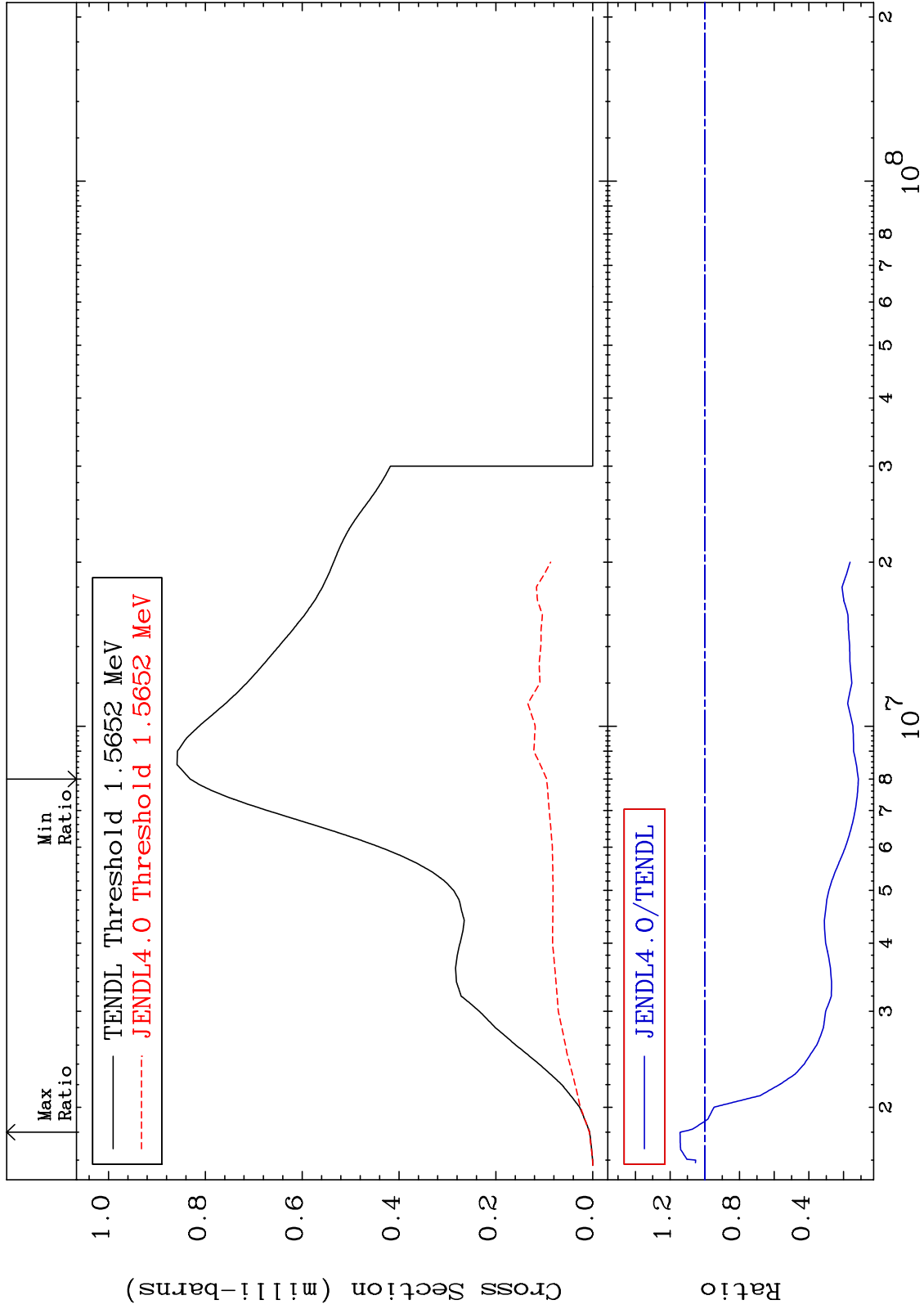
68-Er-166
-95.78 To -7.262%



MAT 6837

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

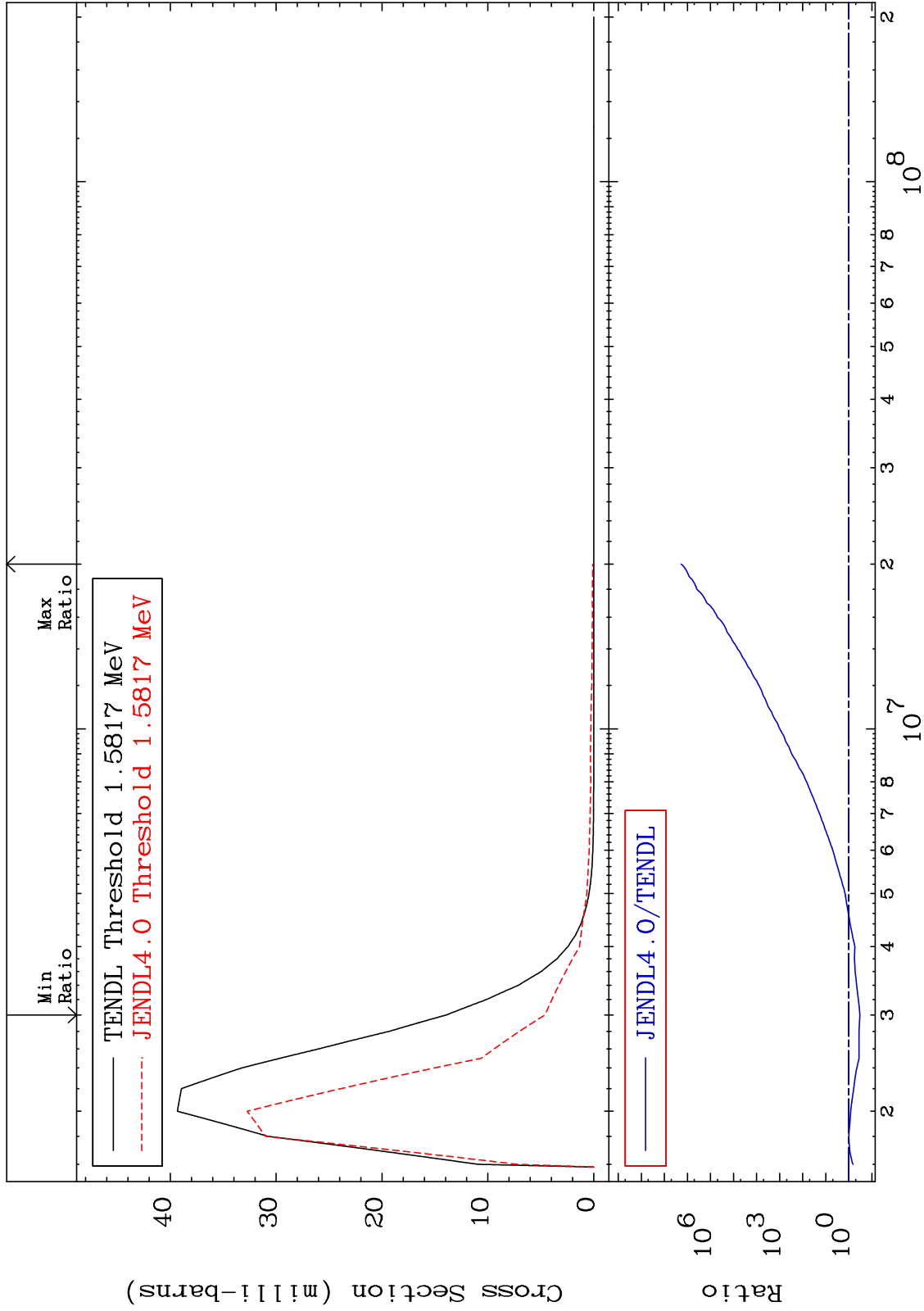
68-Er-166
-88.56 To 14.30 %



MAT 6837

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

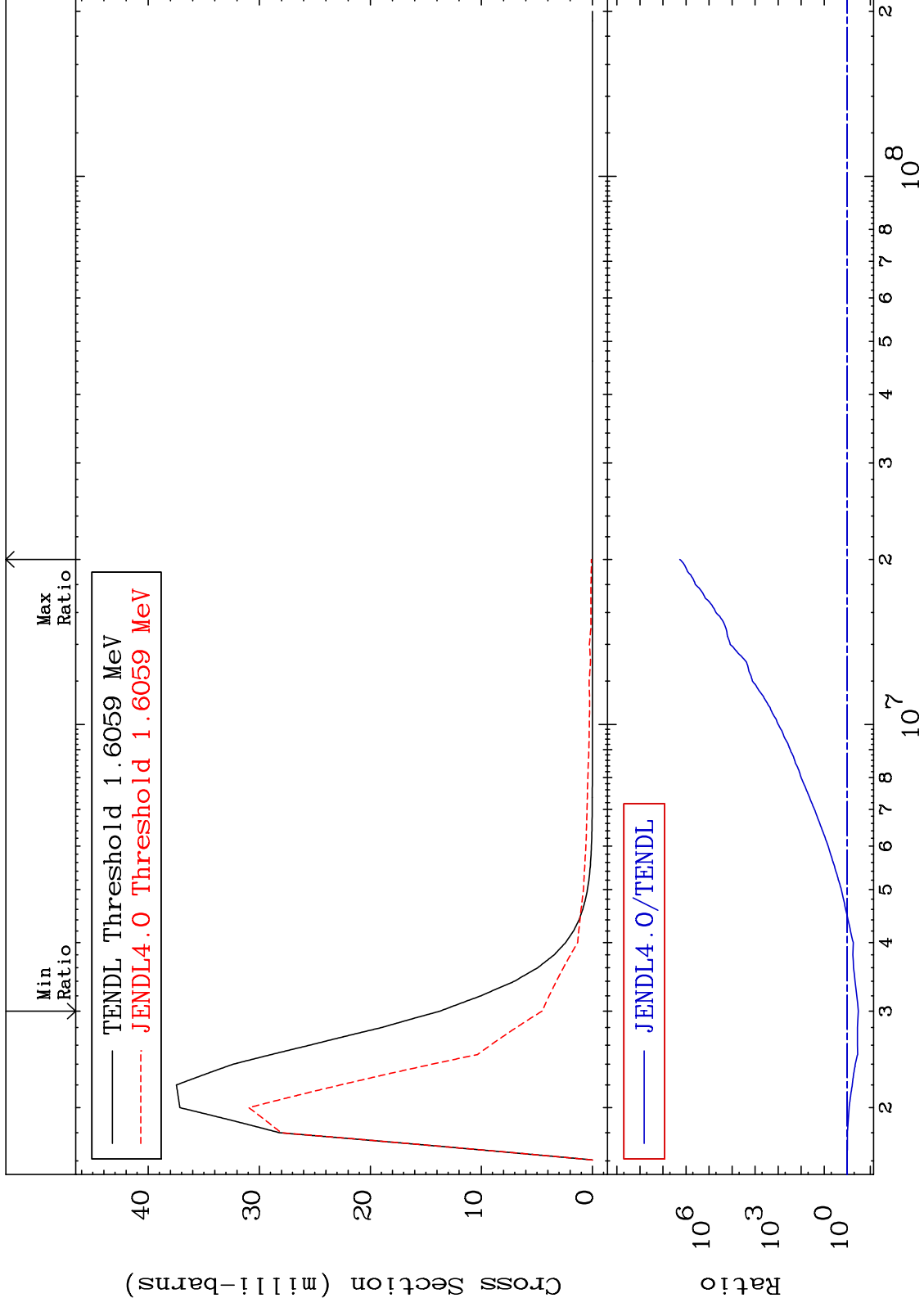
68-Er-166
-66.94 To 9999. %



MAT 6837

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

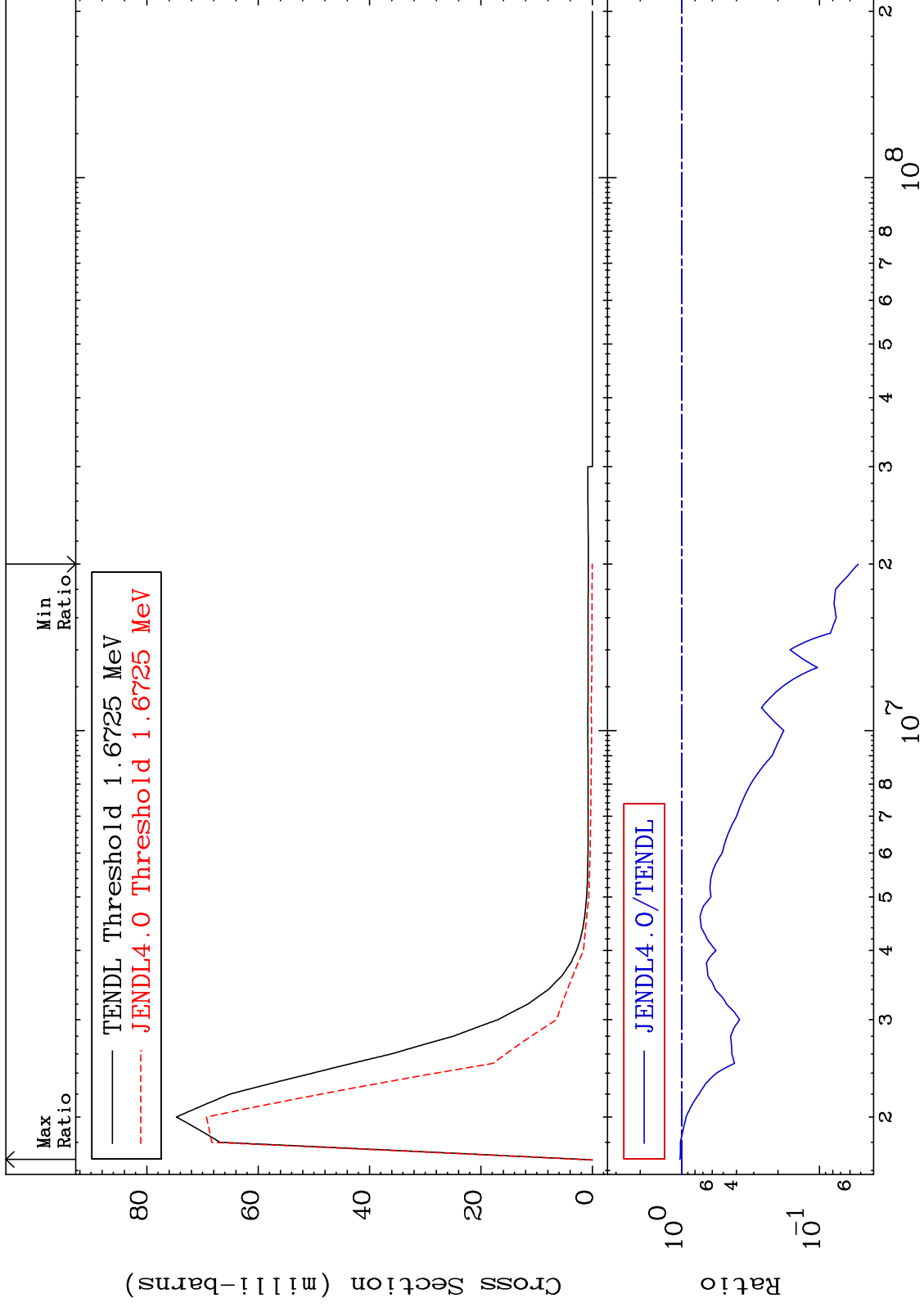
68-Er-166
-67.00 To 9999. %



MAT 6837

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

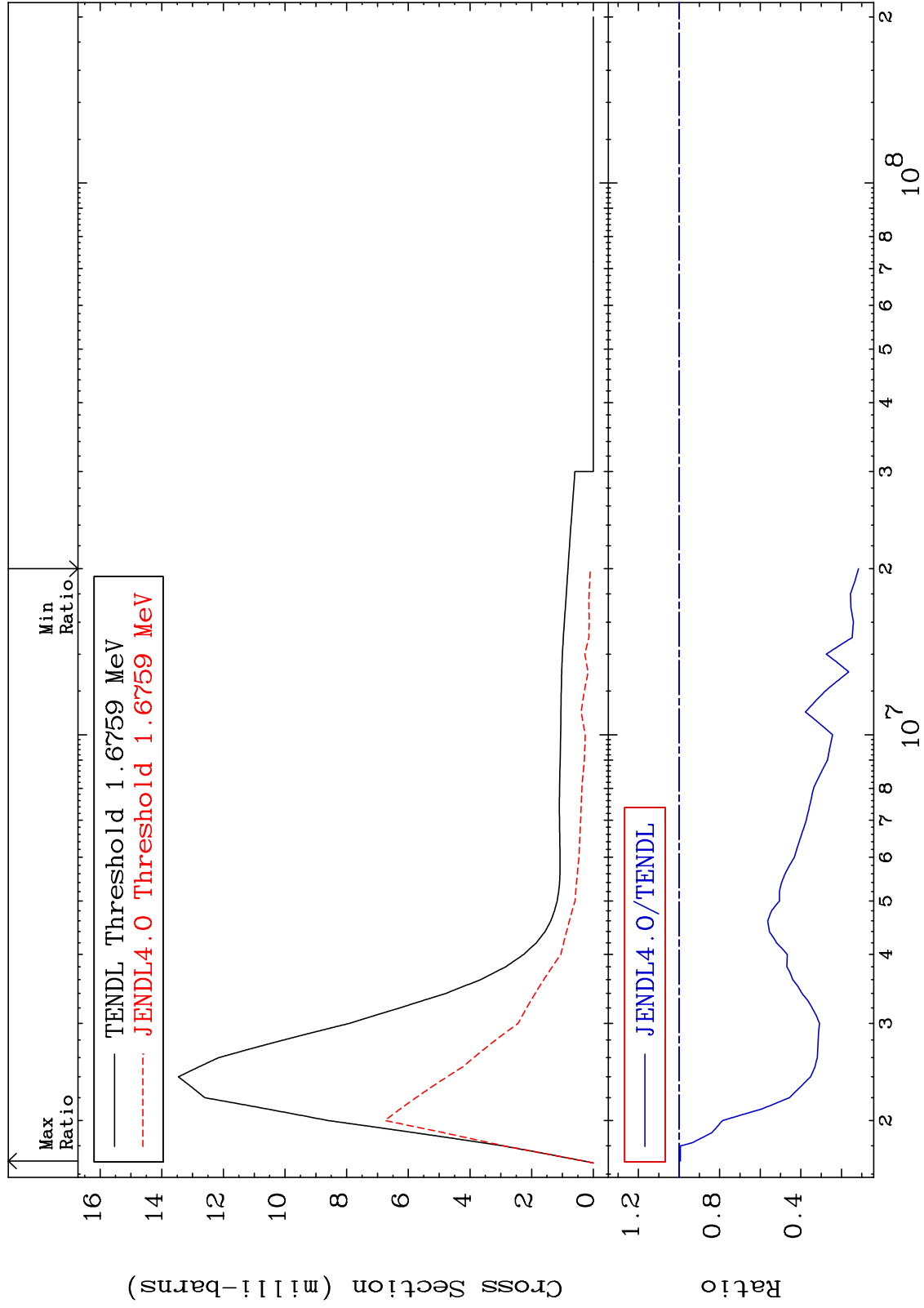
68-Er-166
-94.79 To 3.069 %



MAT 6837

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

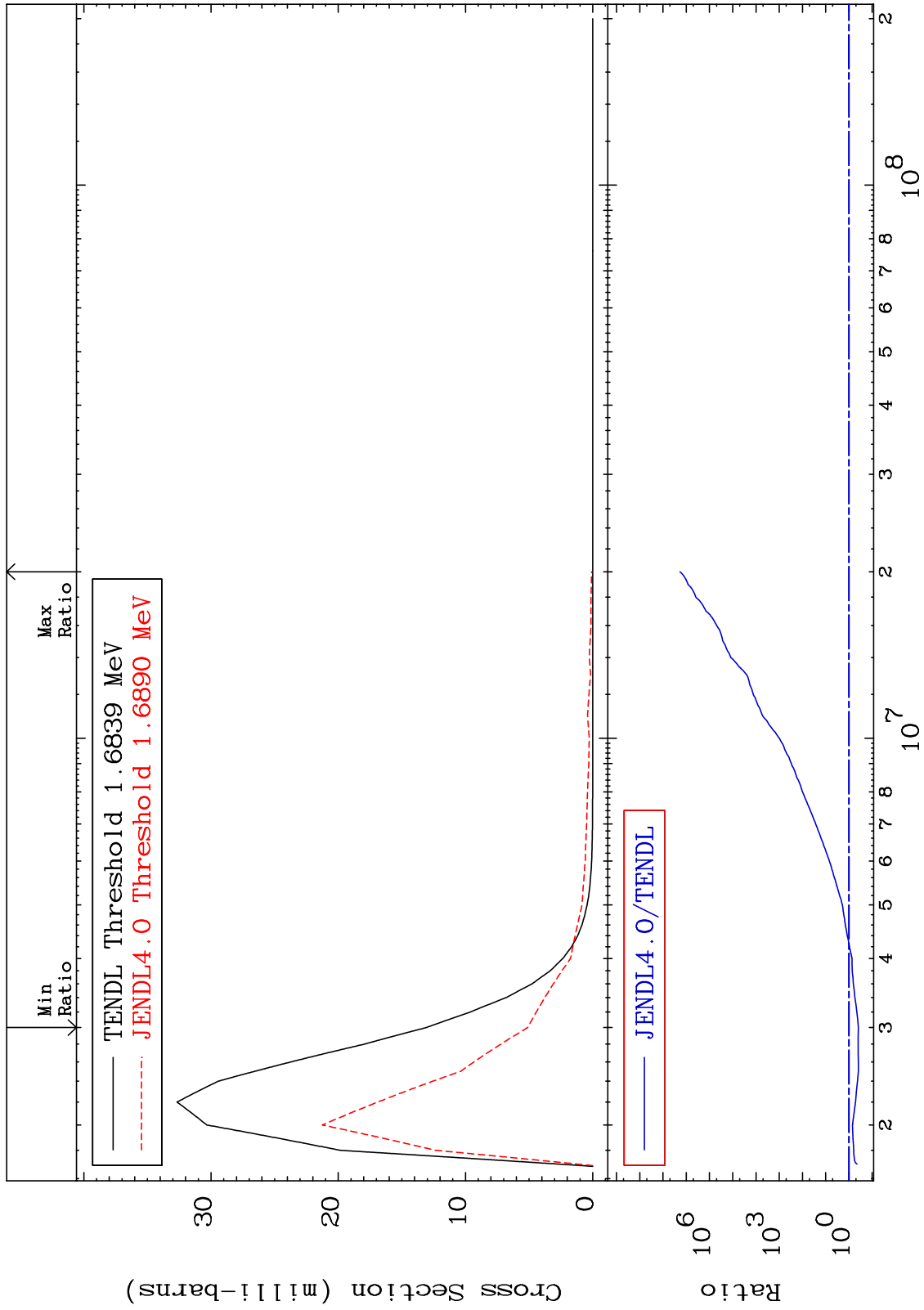
68-Er-166
-88.41 To -0.700%



MAT 6837

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

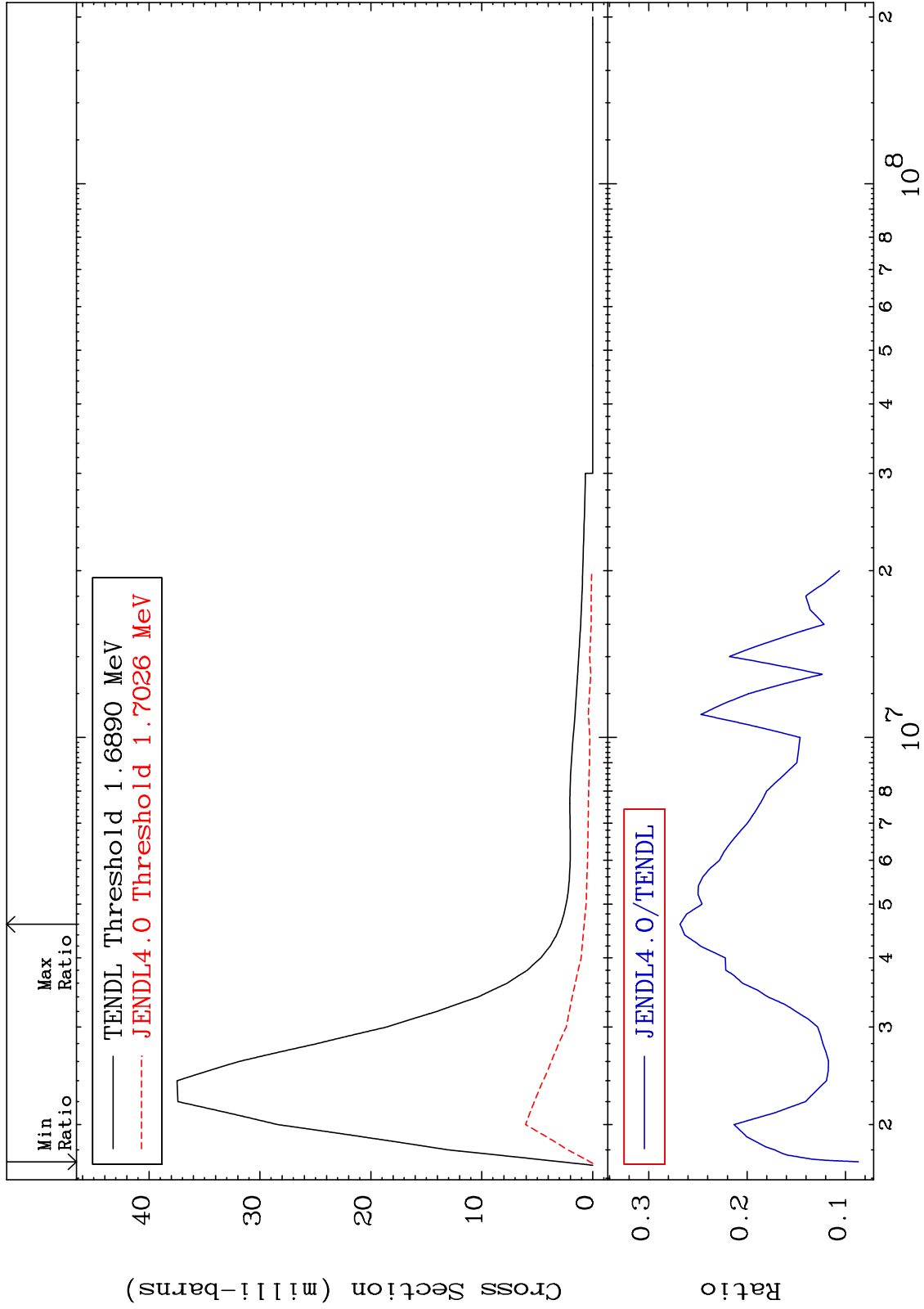
68-Er-166
-60.97 To 9999. %



MAT 6837

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

68-Er-166
-91.32 To -73.18%



30

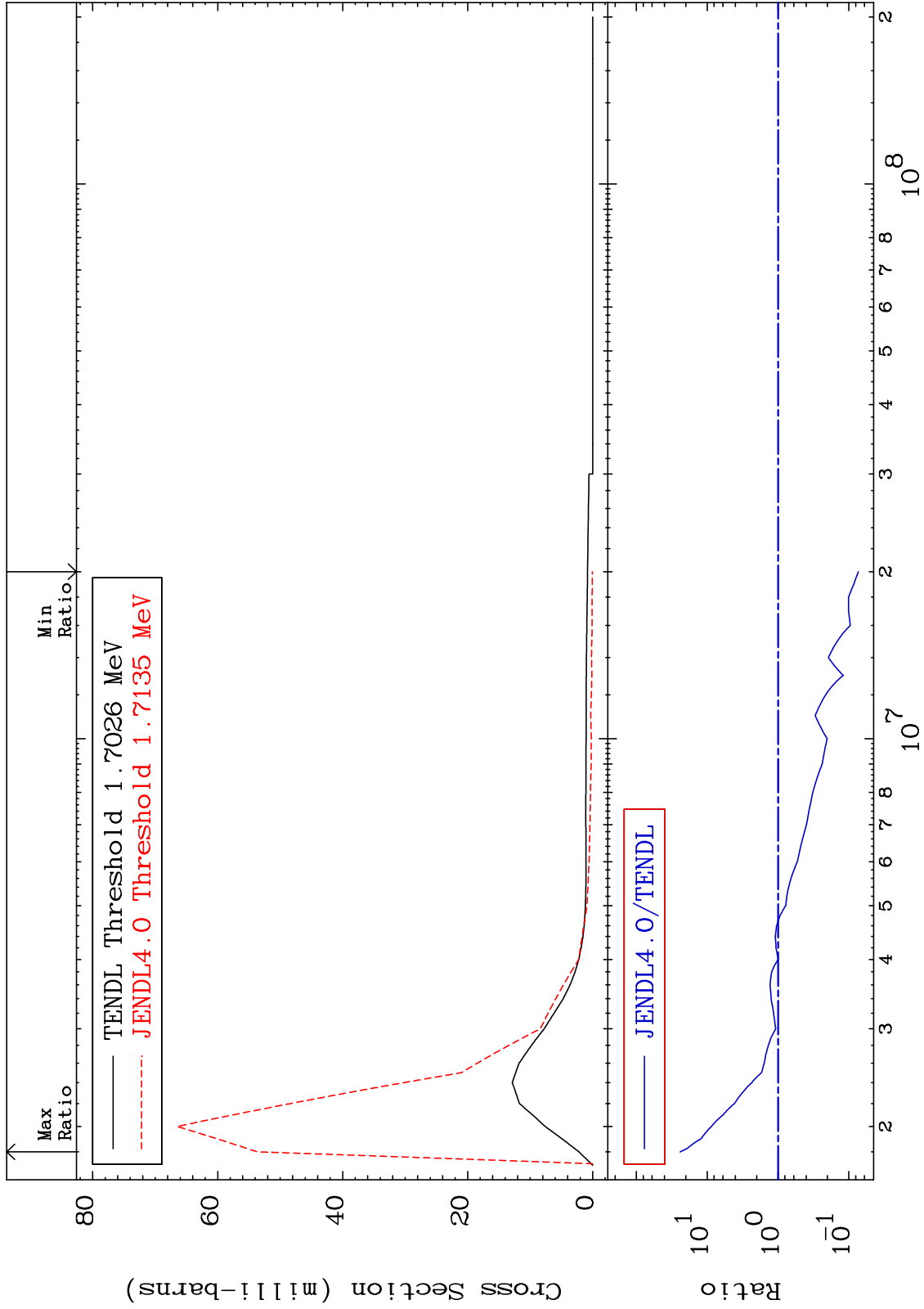
Incident Energy (eV)

68-Er-166

MAT 6837

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

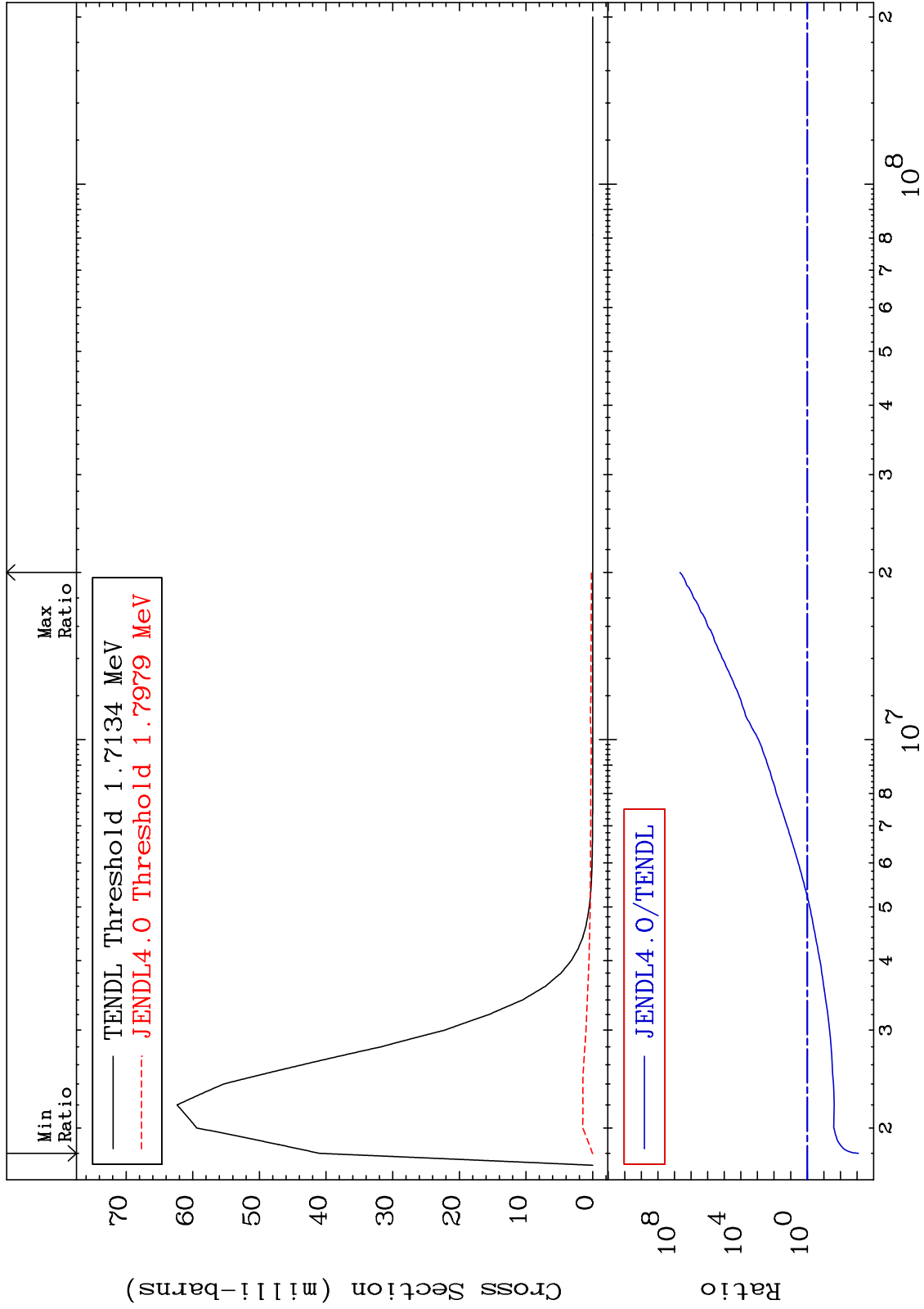
68-Er-166
-92.68 To 2320. %



MAT 6837

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

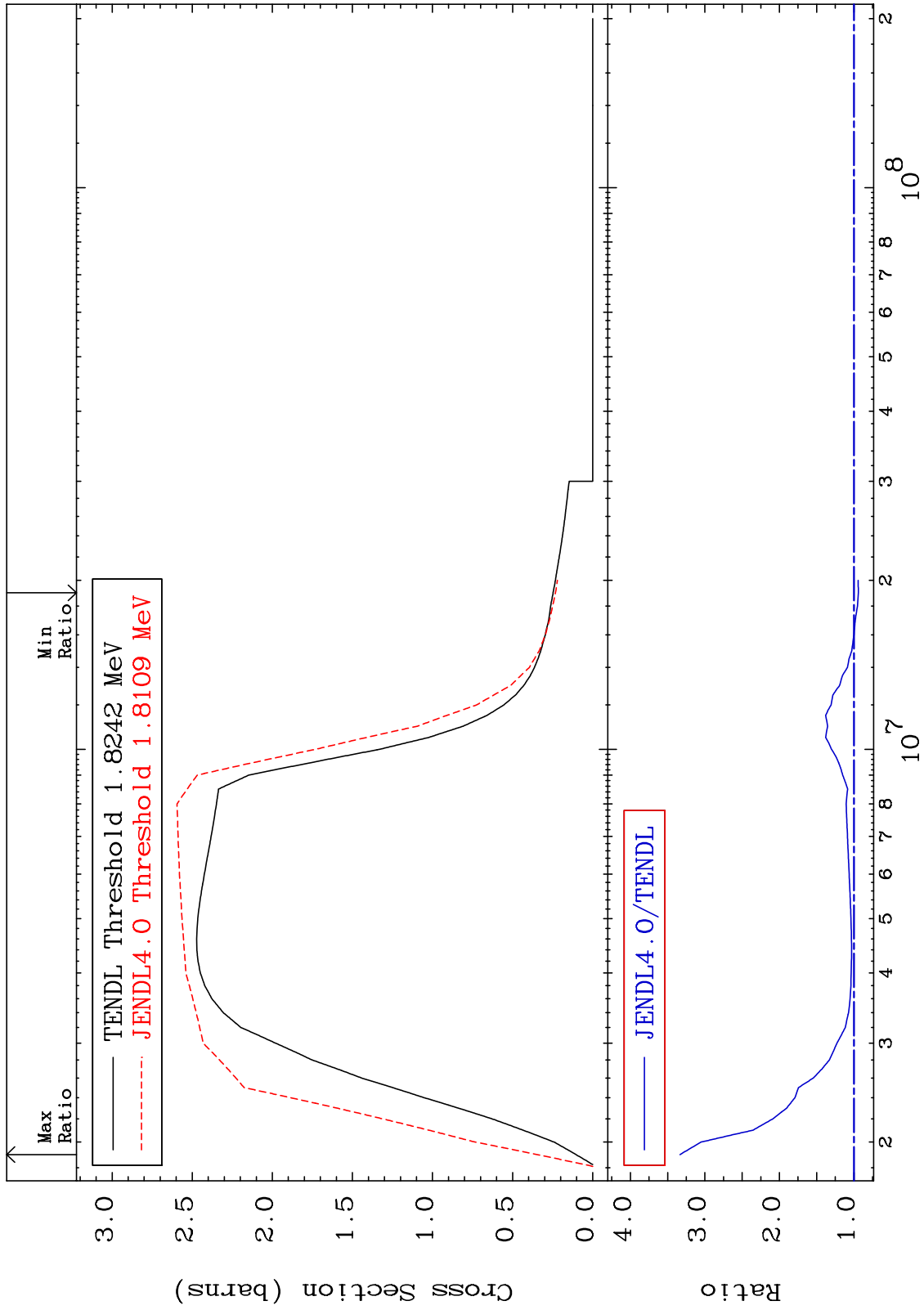
68-Er-166
-99.92 To 9999. %



MAT 6837

(n, n') Continuum
Cross Section

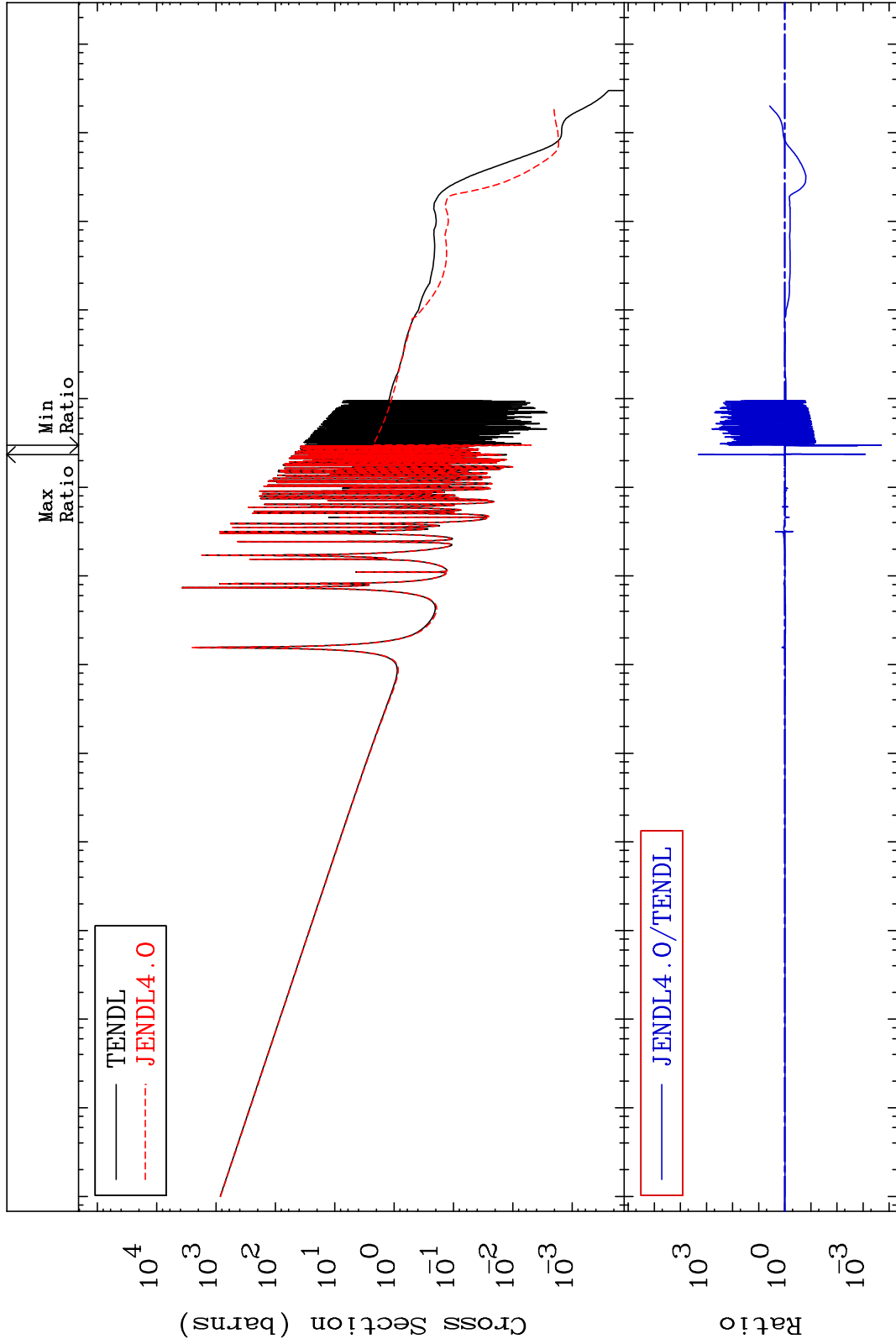
68-Er-166
-6.033 To 233.4 %



MAT 6837

(n, γ)
Cross Section

68-Er-166
-99.98 To 9999. %



Incident Energy (eV)

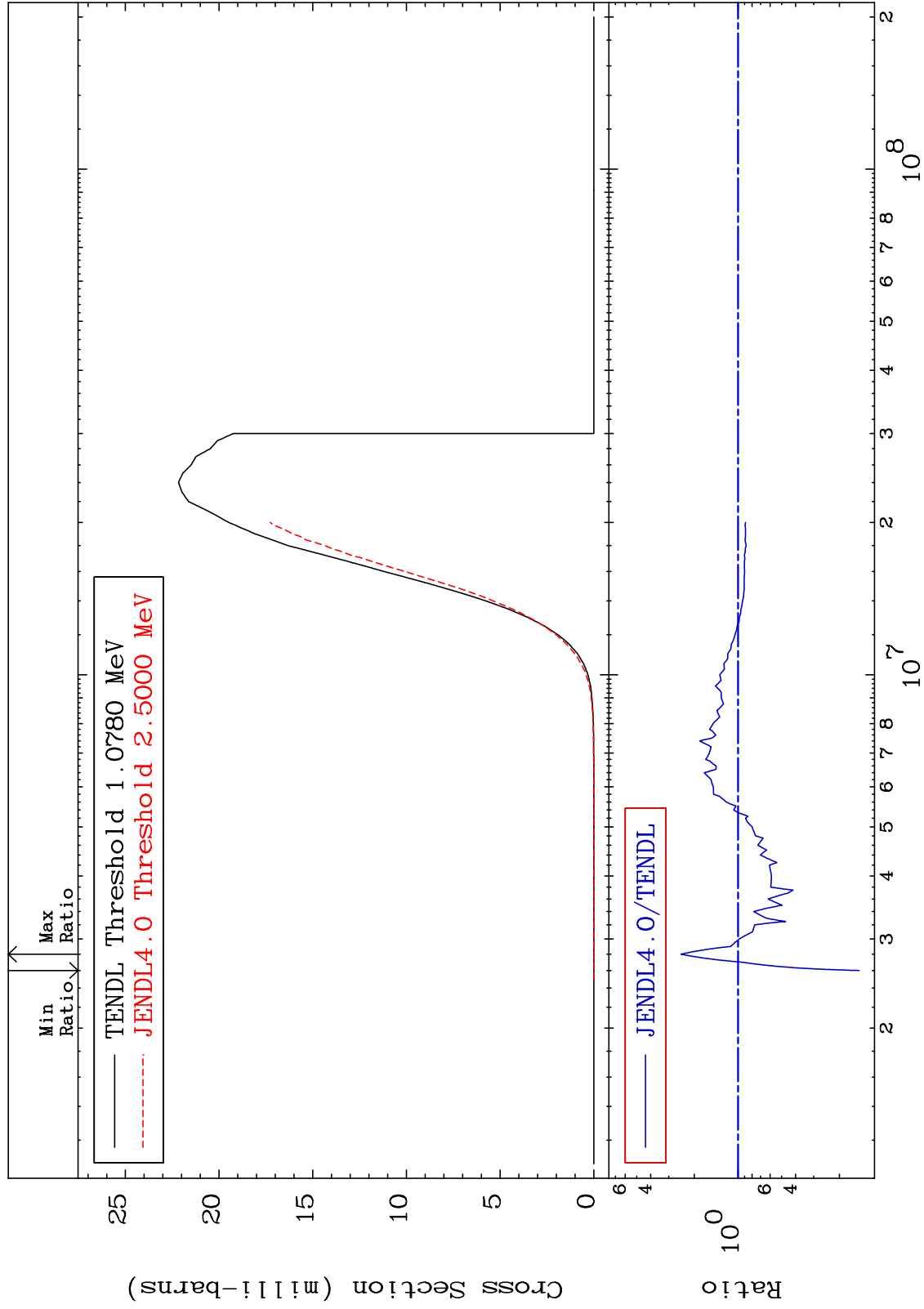
MAT 6837

(n, p)

68-Er-166

Cross Section

-85.44 To 147.0 %



35

68-Er-166

68-Er-166

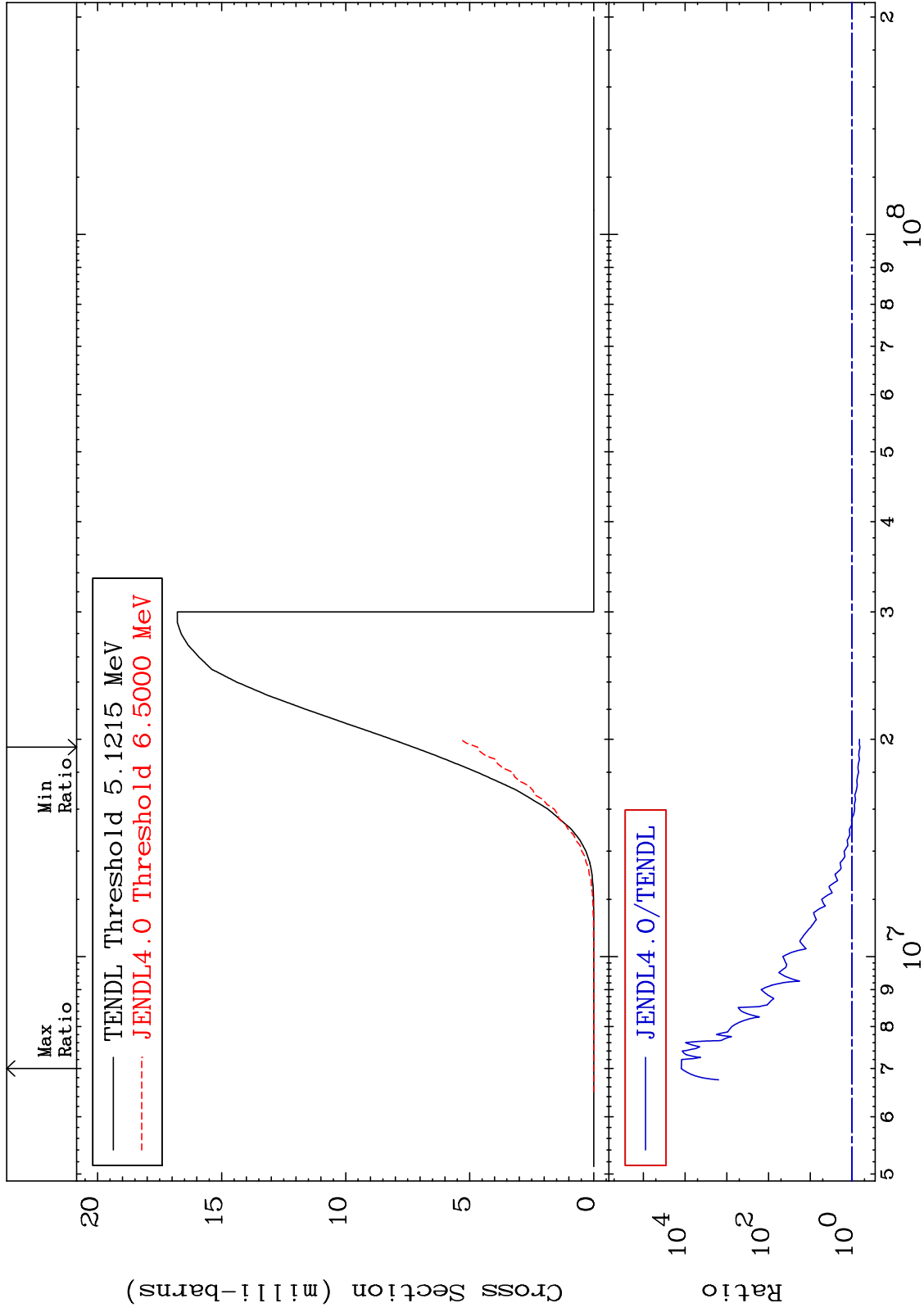
MAT 6837

(n, d)

68-Er-166

Cross Section

-35.61 To 9999. %



36

Incident Energy (eV)

68-Er-166

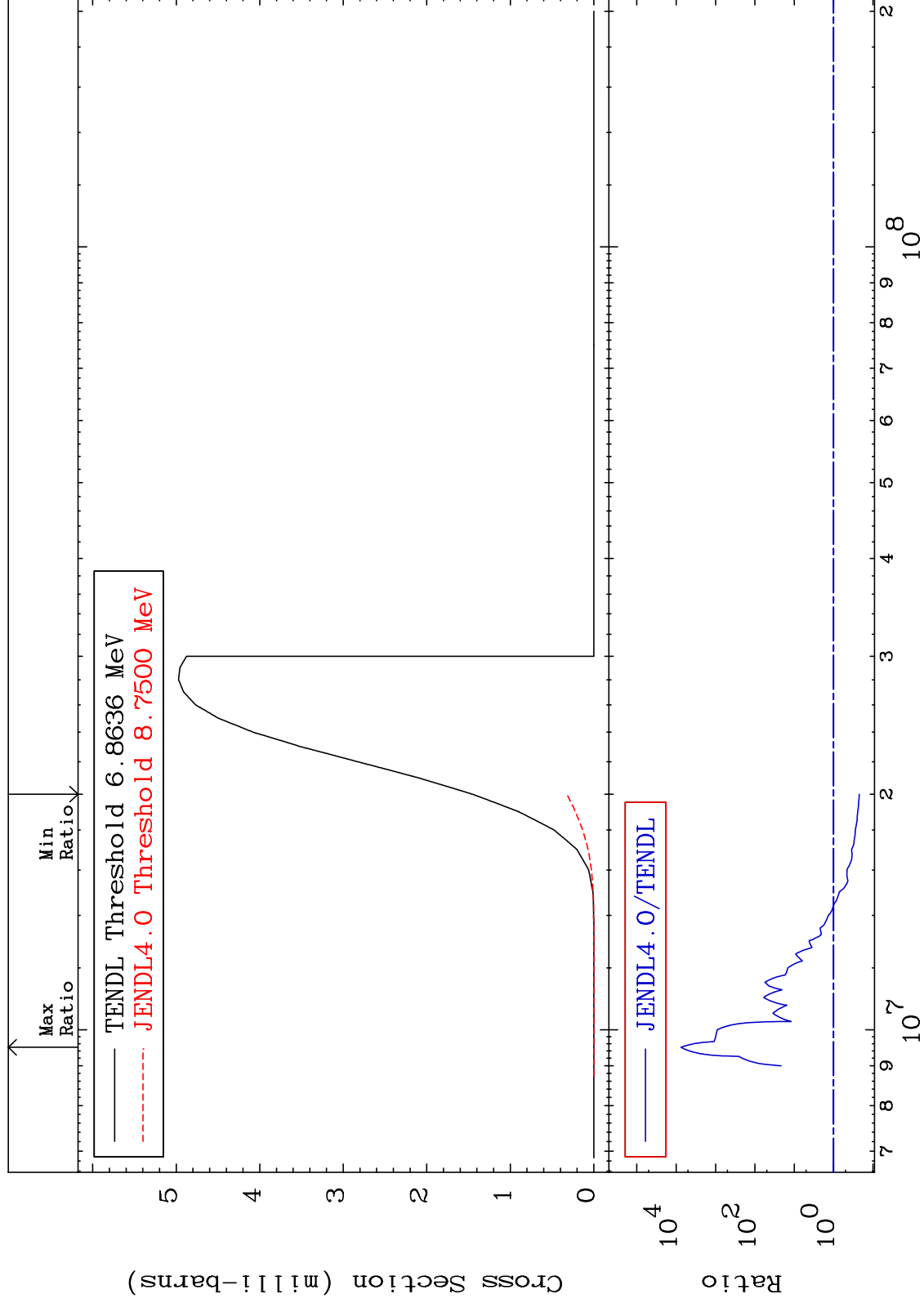
MAT 6837

(n, t)

68-Er-166

-77.72 To 9999. %

Cross Section



37

Incident Energy (eV)

68-Er-166

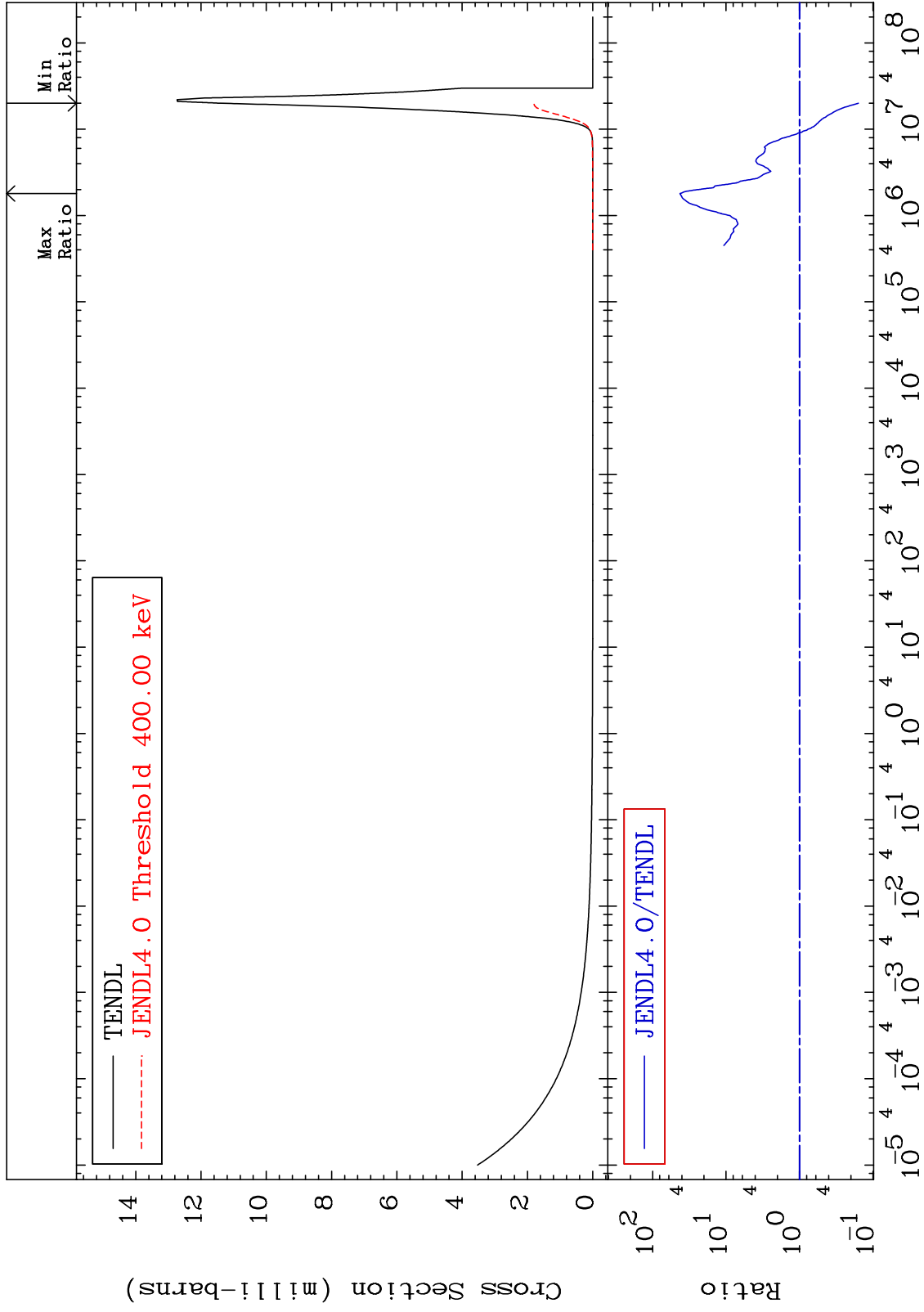
MAT 6837

(n, α)

68-Er-166

Cross Section

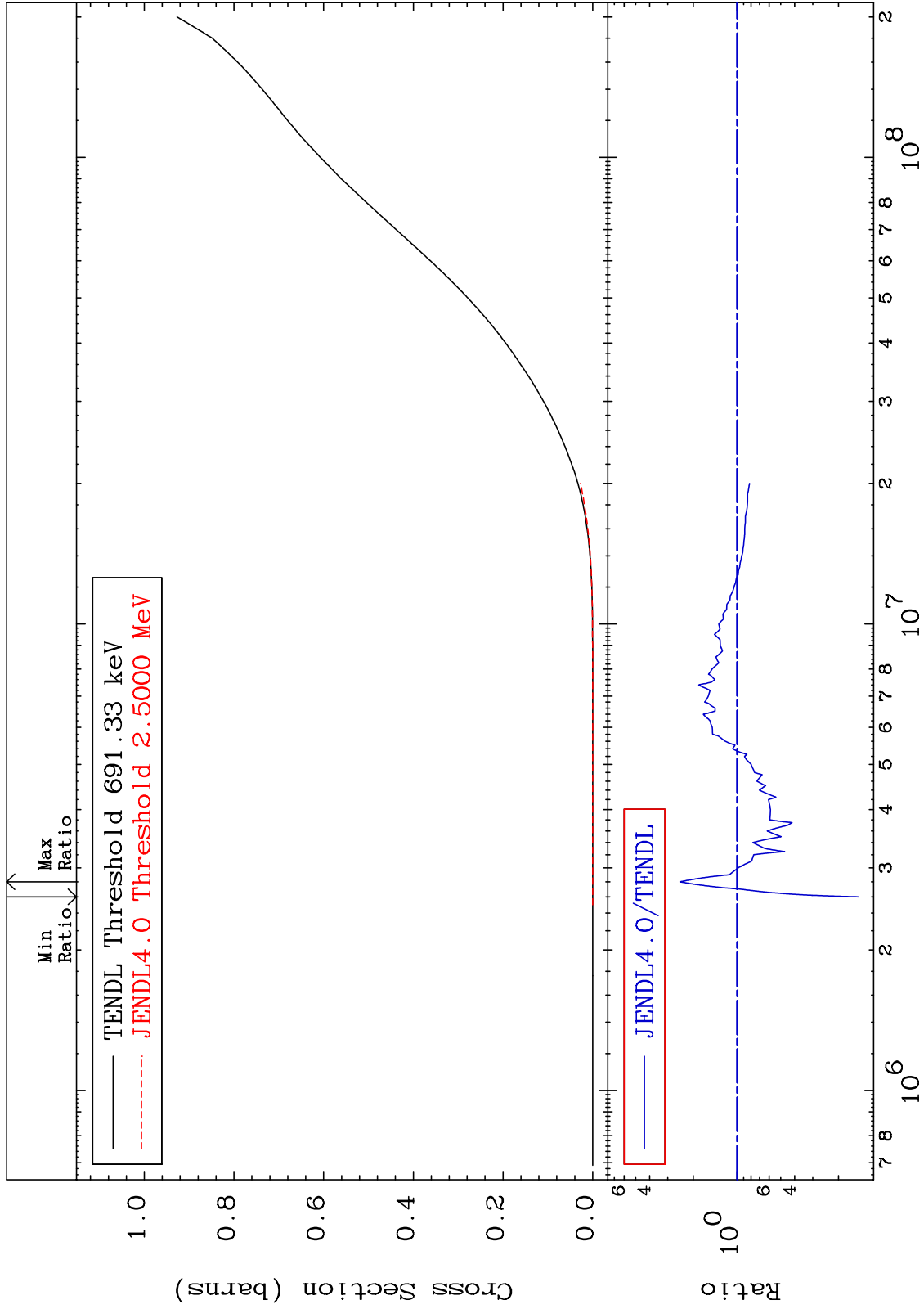
-84.21 To 4134. %



38

Incident Energy (eV)

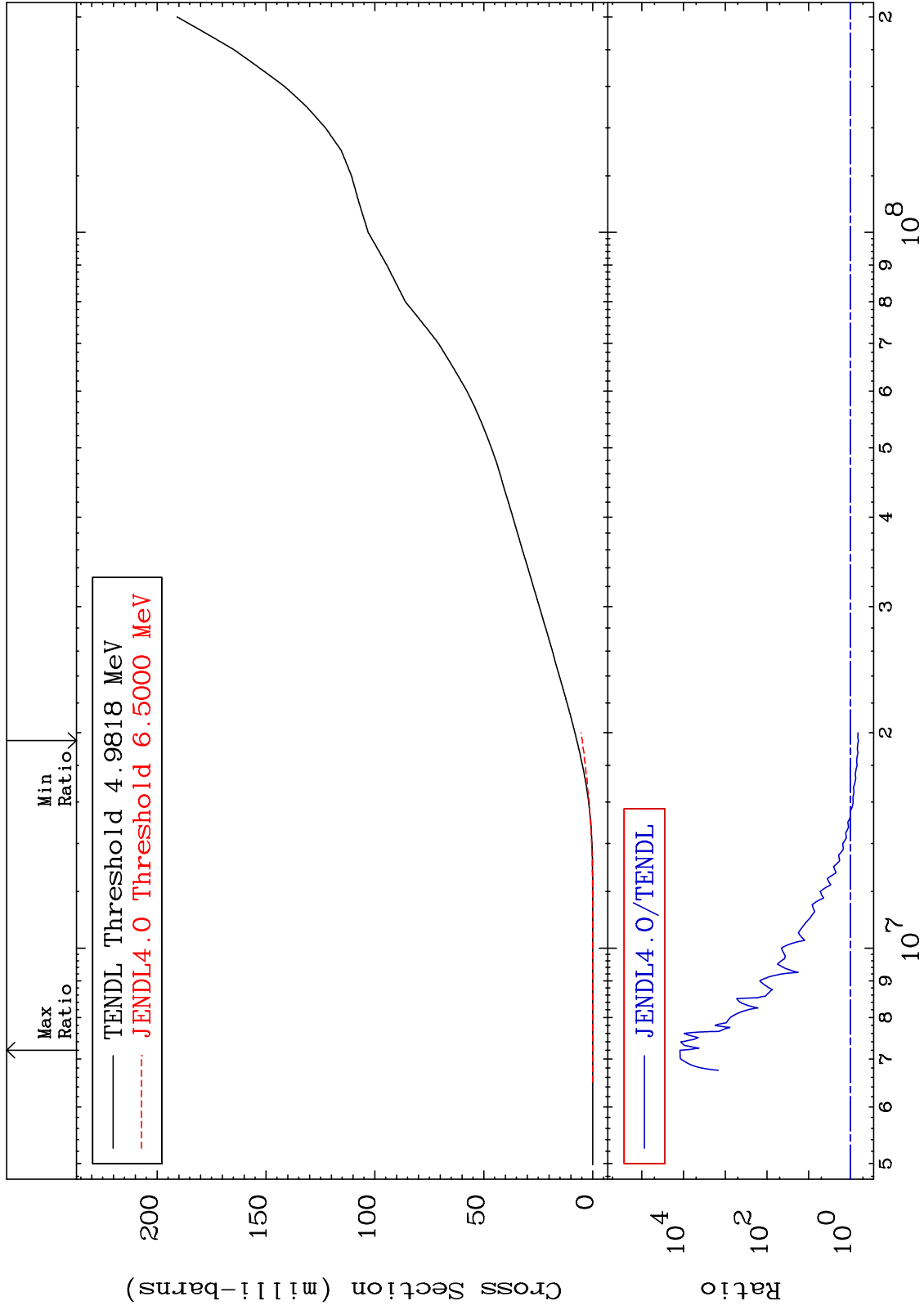
68-Er-166



MAT 6837

Deuterium Production
Cross Section

68-Er-166
-35.44 To 9999. %



40

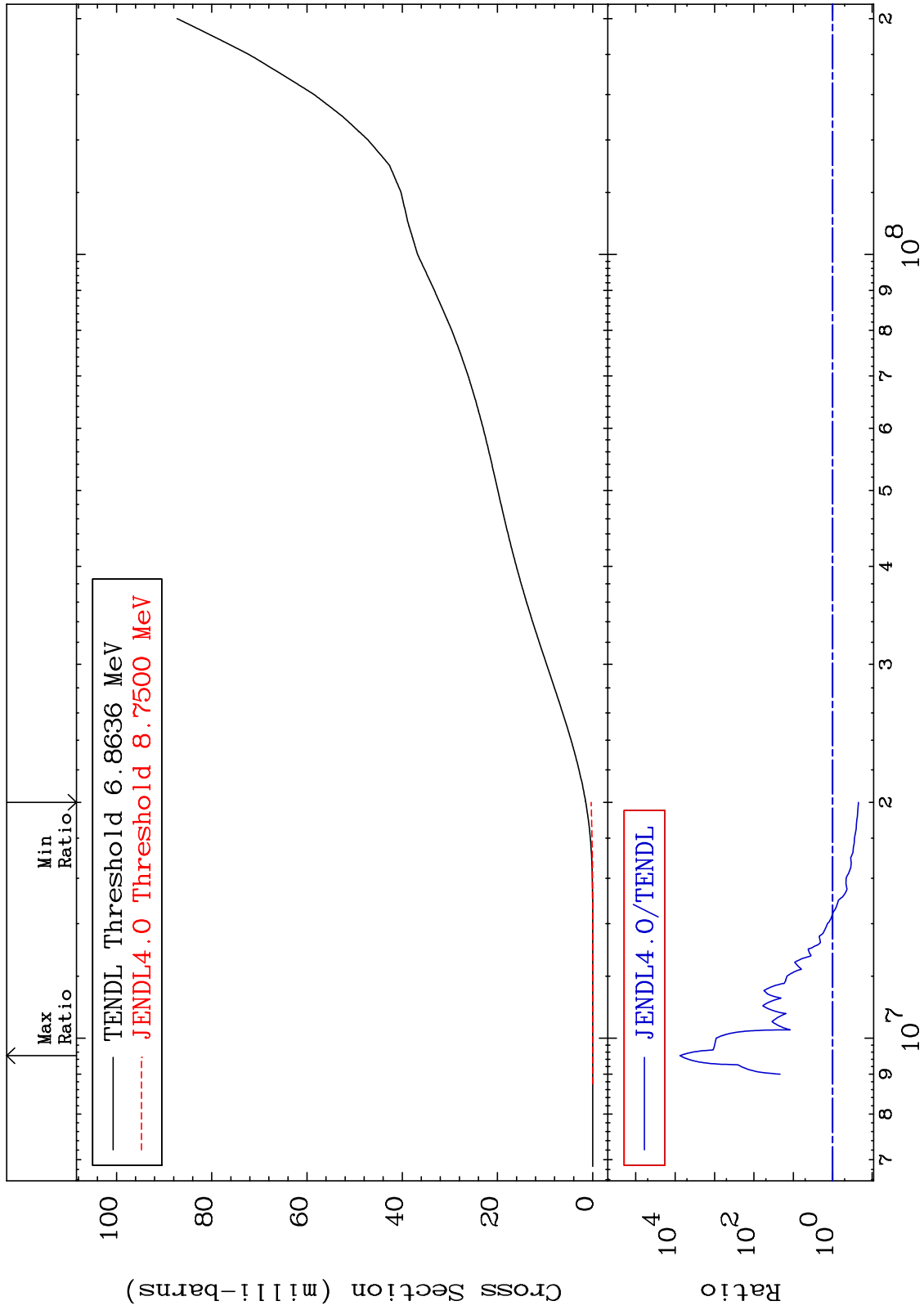
Incident Energy (eV)

68-Er-166

MAT 6837

Tritium Production
Cross Section

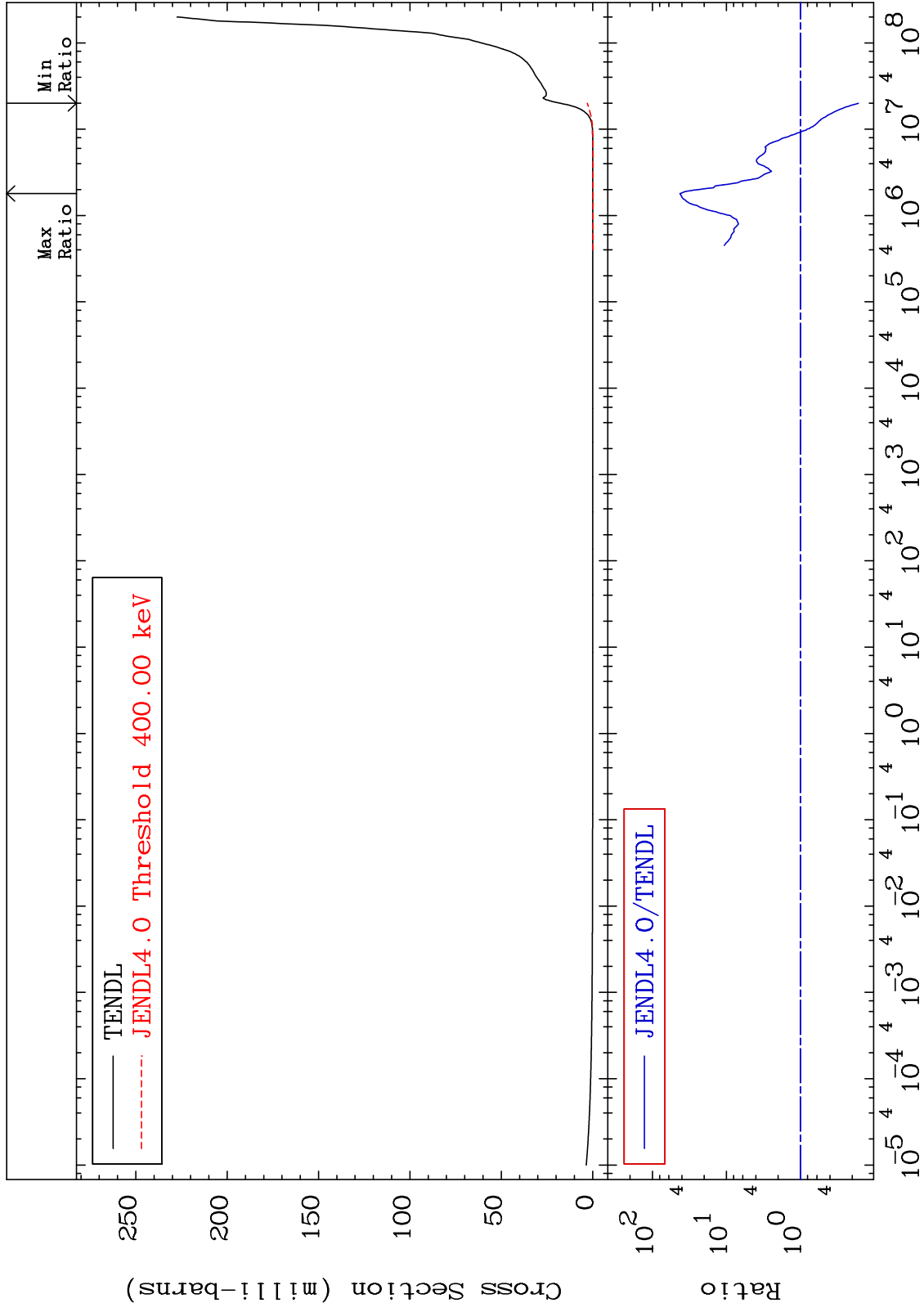
68-Er-166
-77.72 To 9999. %



MAT 6837

He-4 Production
Cross Section

68-Er-166
-83.52 To 4134. %



Incident Energy (eV)

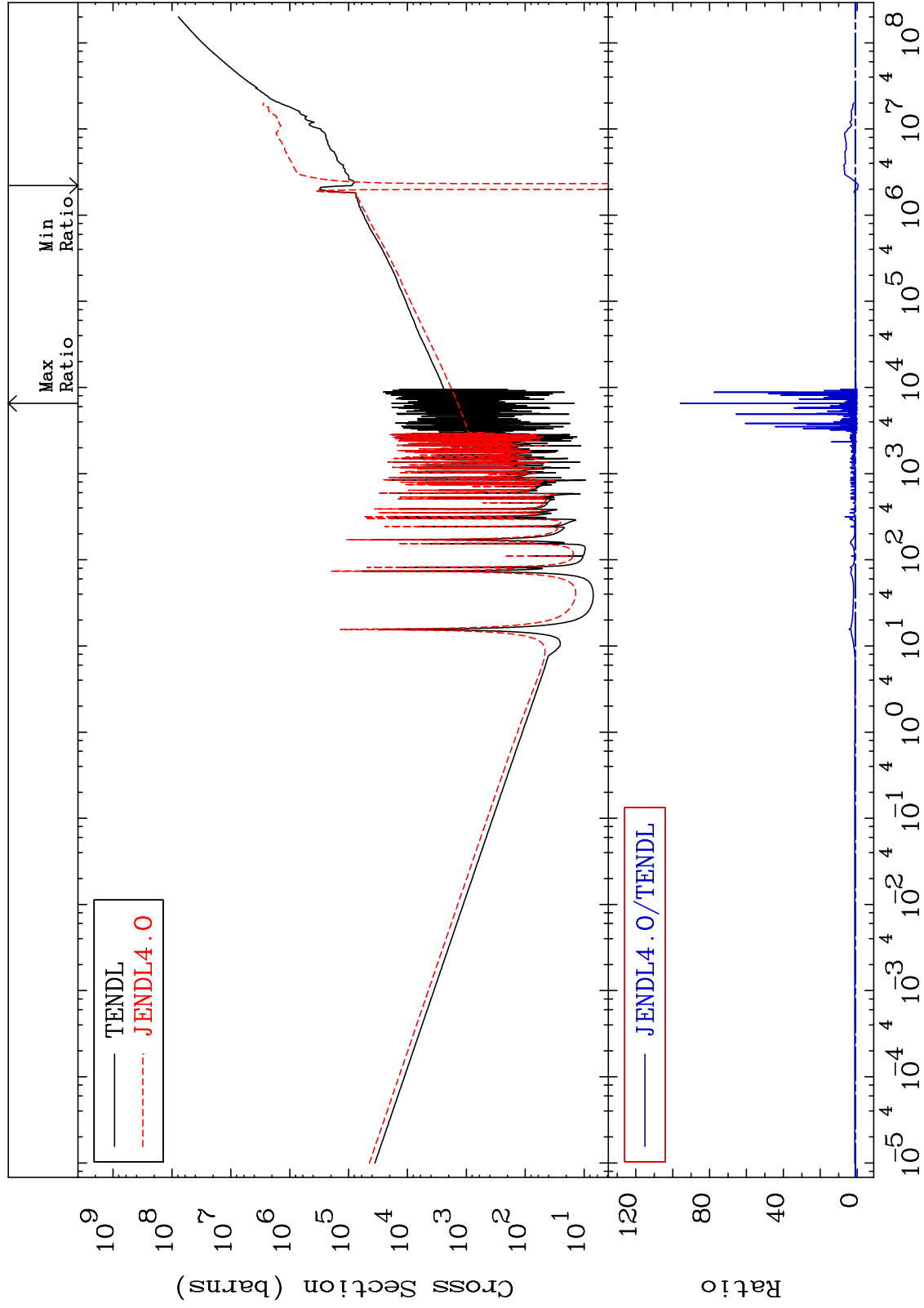
68-Er-166

42

MAT 6837

Kerma total (eV-barns)
Cross Section

68-Er-166
-175.1 To 9478. %



43

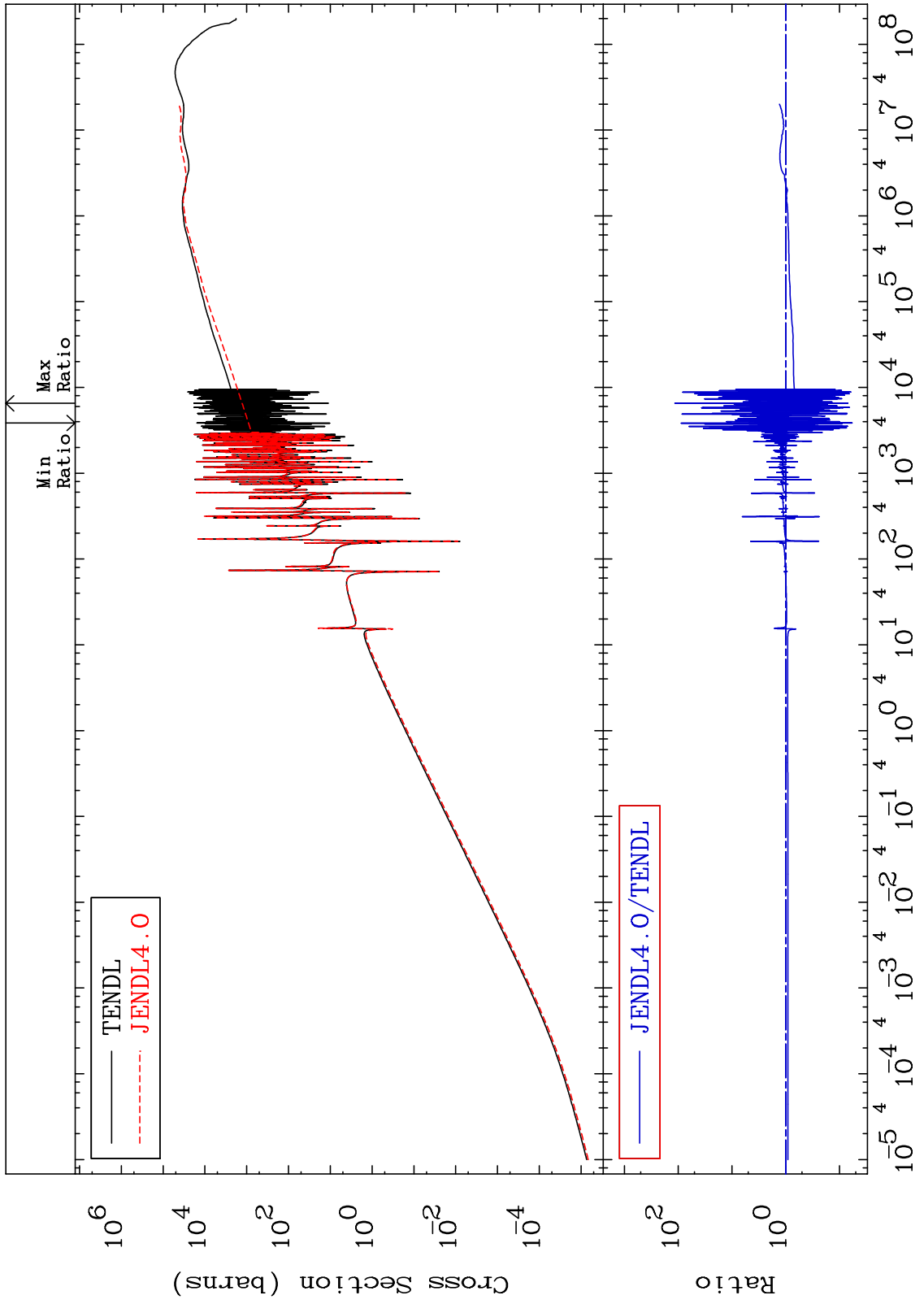
Incident Energy (eV)

68-Er-166

MAT 6837

Kerma elastic
Cross Section

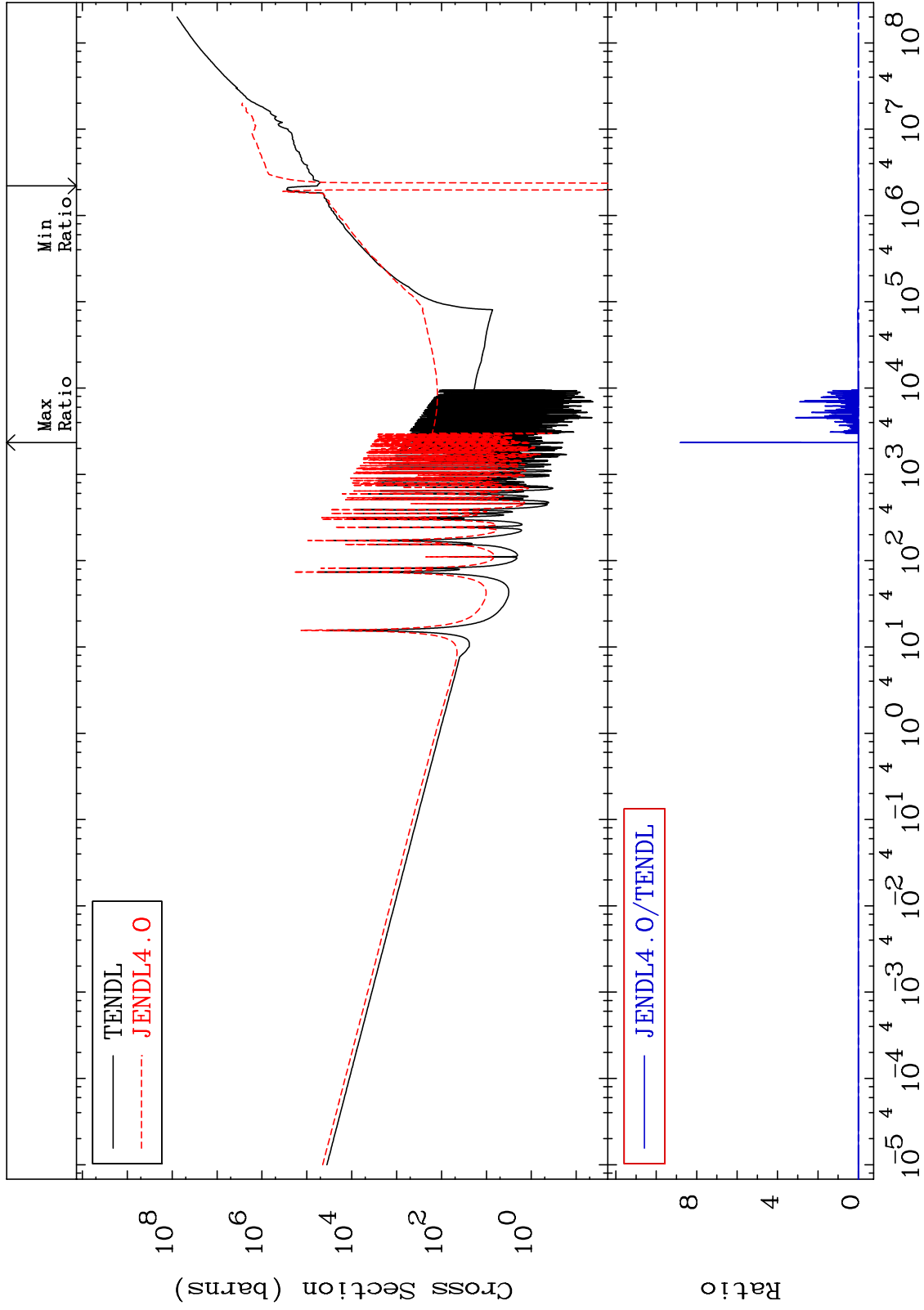
68-Er-166
-94.22 To 9999. %



MAT 6837

Kerma non-elastic (all but mt2)
Cross Section

68-Er-166
-264.2 To 9999. %



45

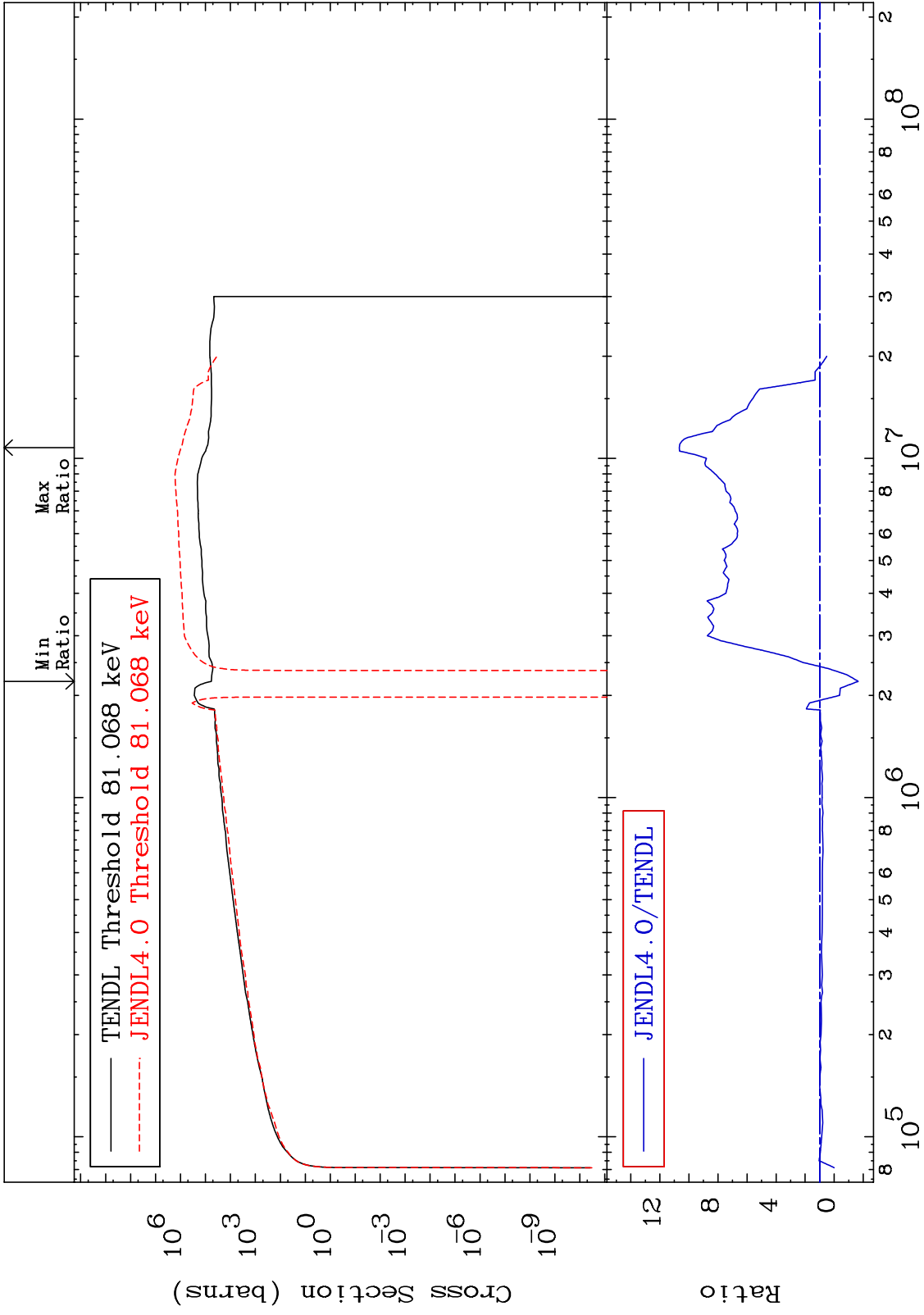
Incident Energy (eV)

68-Er-166

MAT 6837

Kerma inelastic (mt51-91)
Cross Section

68-Er-166
-265.4 To 965.6 %



46

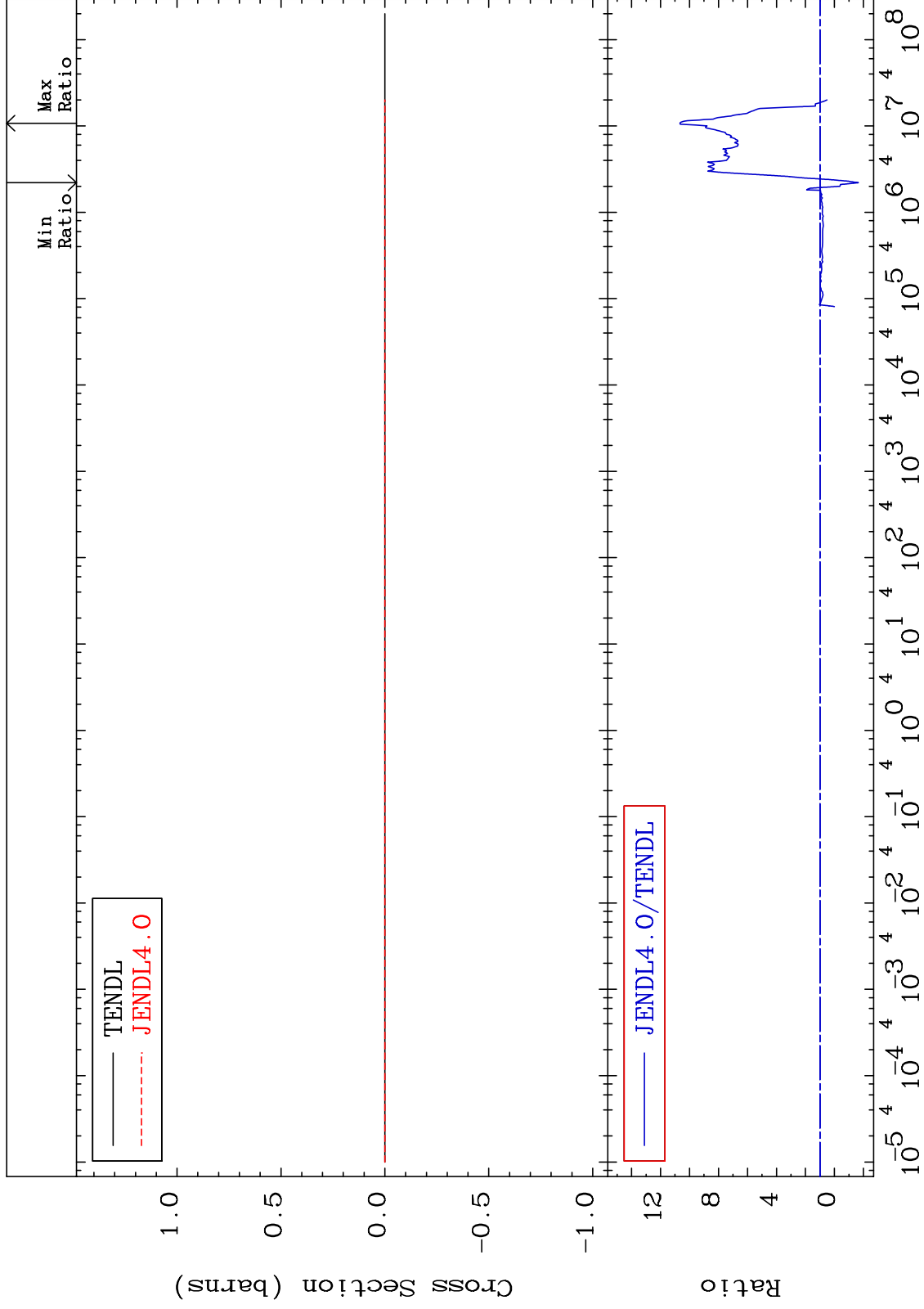
Incident Energy (eV)

68-Er-166

MAT 6837

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

68-Er-166
-265.4 To 965.6 %



47

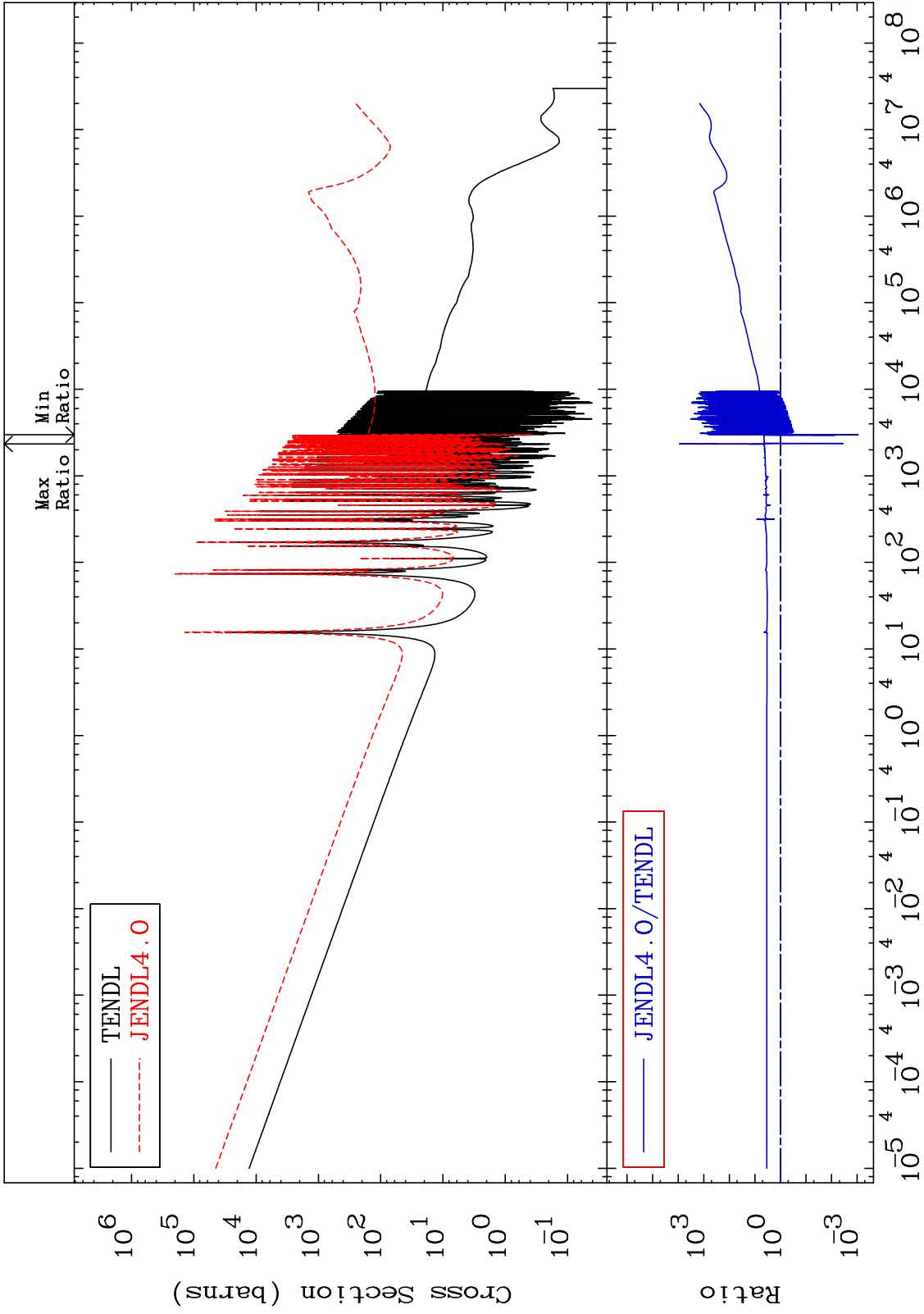
Incident Energy (eV)

68-Er-166

MAT 6837

Kerma capture (mt102)
Cross Section

68-Er-166
-99.91 To 9999. %



48

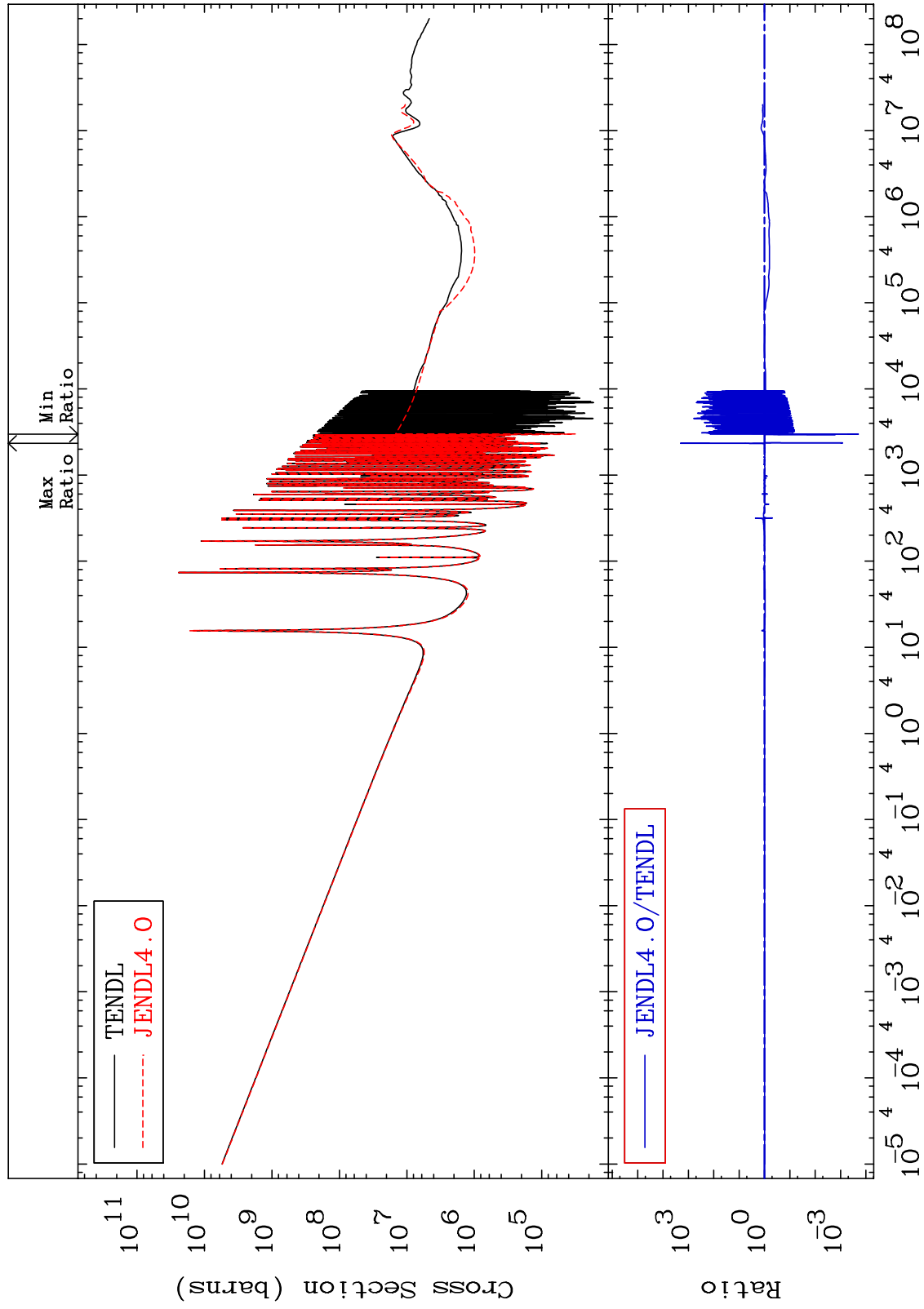
Incident Energy (eV)

68-Er-166

MAT 6837

Total photon (eV-barns)
Cross Section

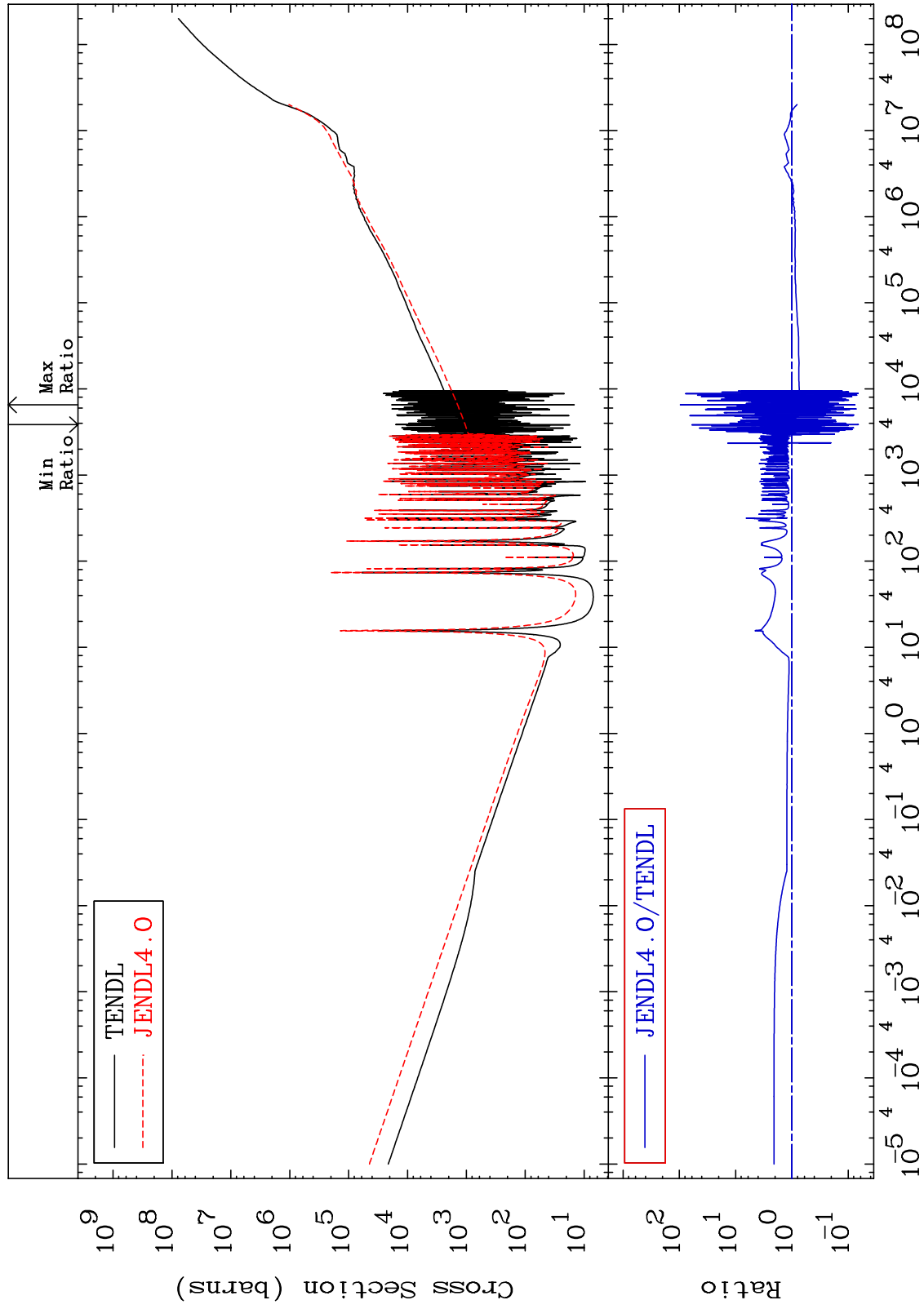
68-Er-166
-99.98 To 9999. %



MAT 6837

Total kinematic kerma (high limit)
Cross Section

68-Er-166
-93.43 To 9478. %



50

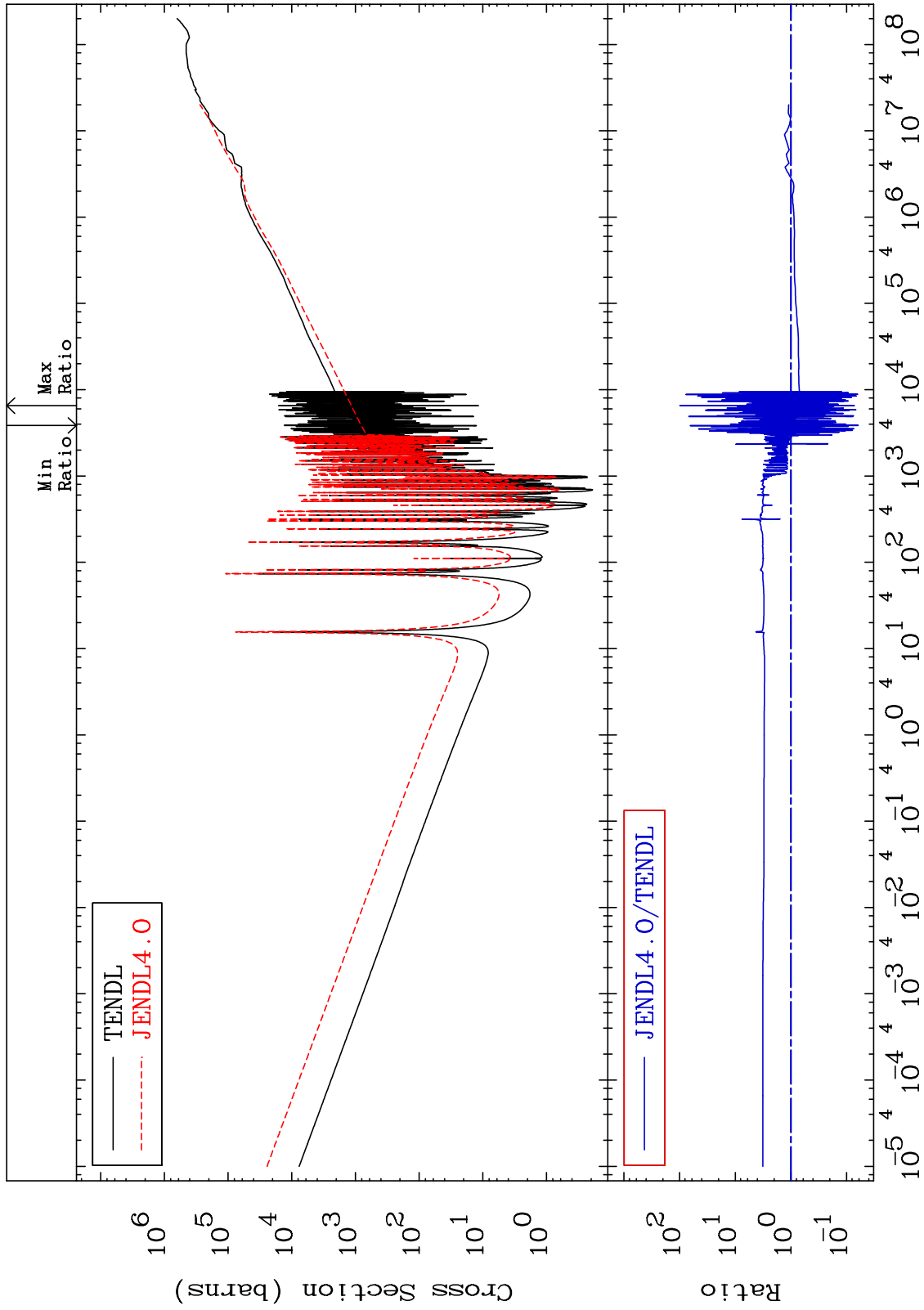
Incident Energy (eV)

68-Er-166

MAT 6837

Dpa total (eV-barns)
Cross Section

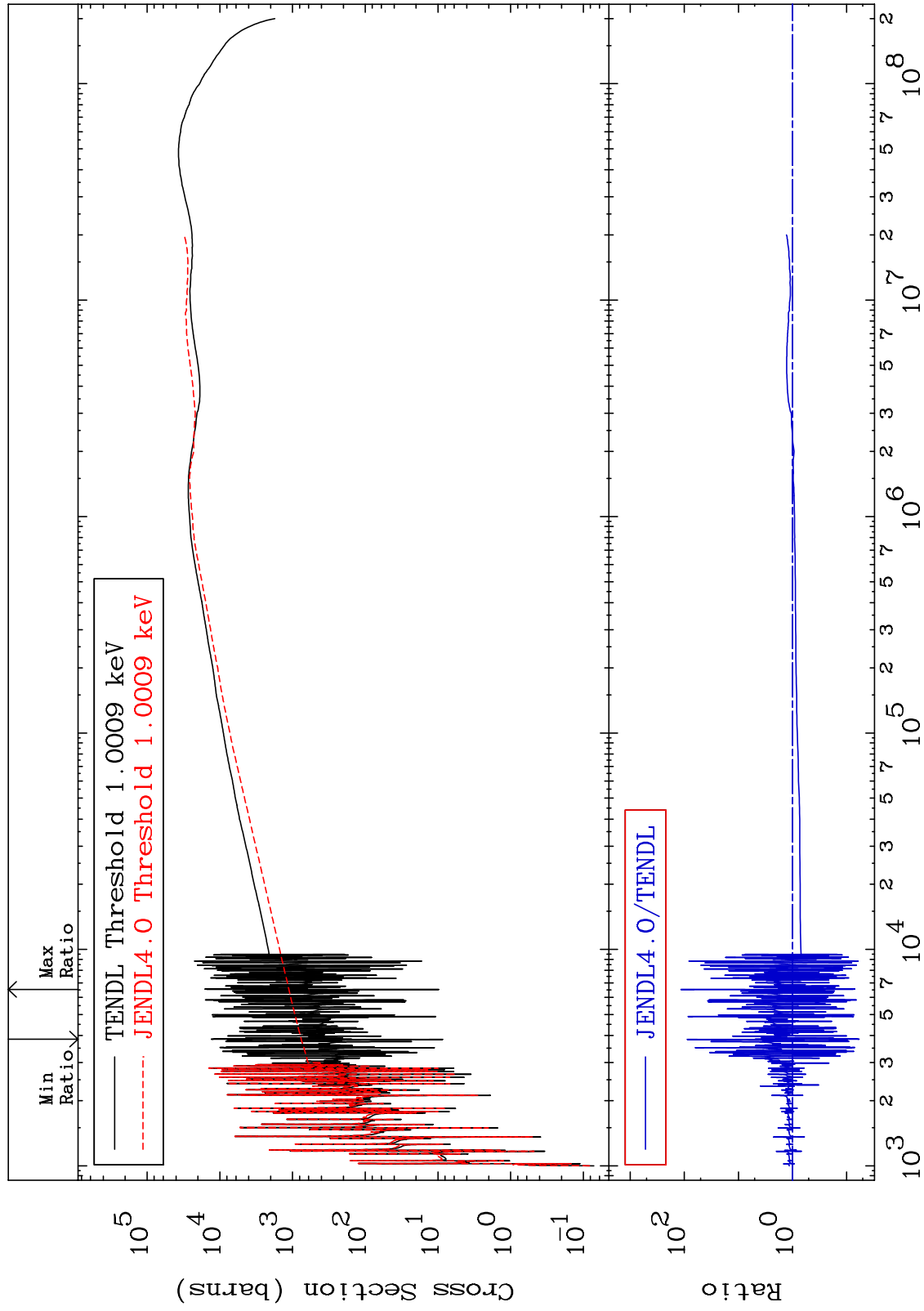
68-Er-166
-93.87 To 9727. %



MAT 6837

Dpa elastic (mt2)
Cross Section

68-Er-166
-94.20 To 9999. %



52

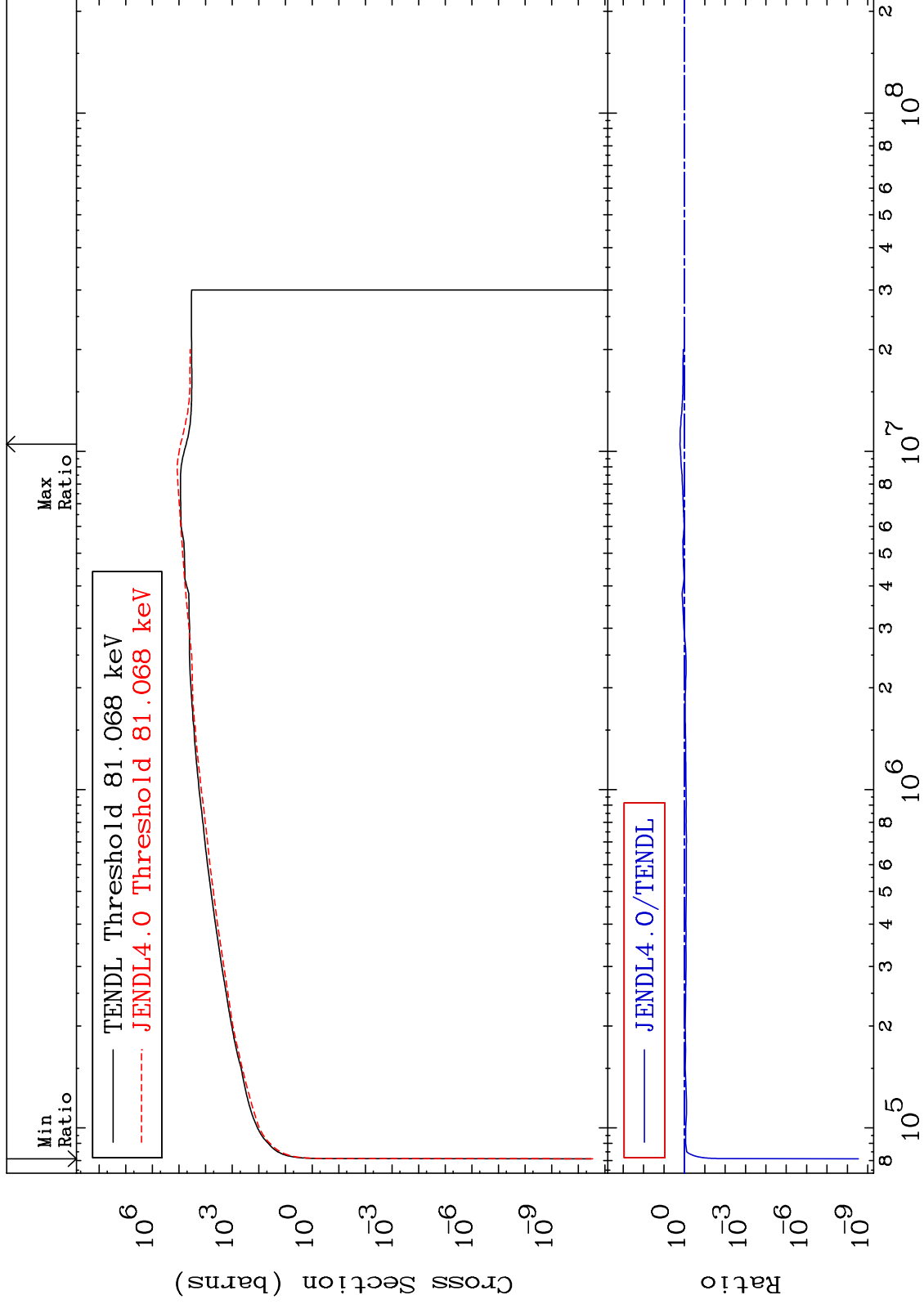
Incident Energy (eV)

68-Er-166

MAT 6837

Dpa inelastic (mt51-91)
Cross Section

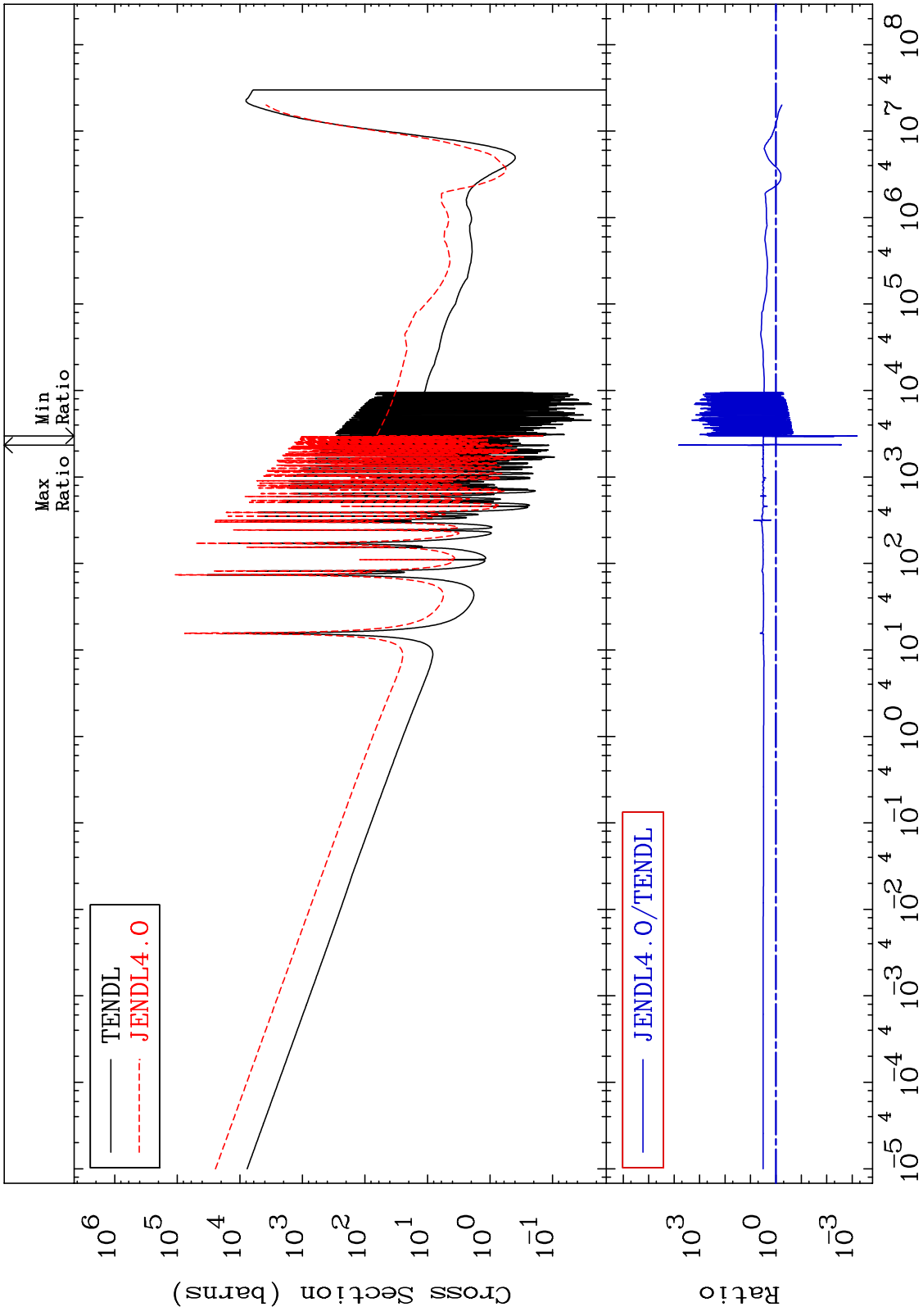
68-Er-166
-100.0 To 63.14 %



53

Incident Energy (eV)

68-Er-166



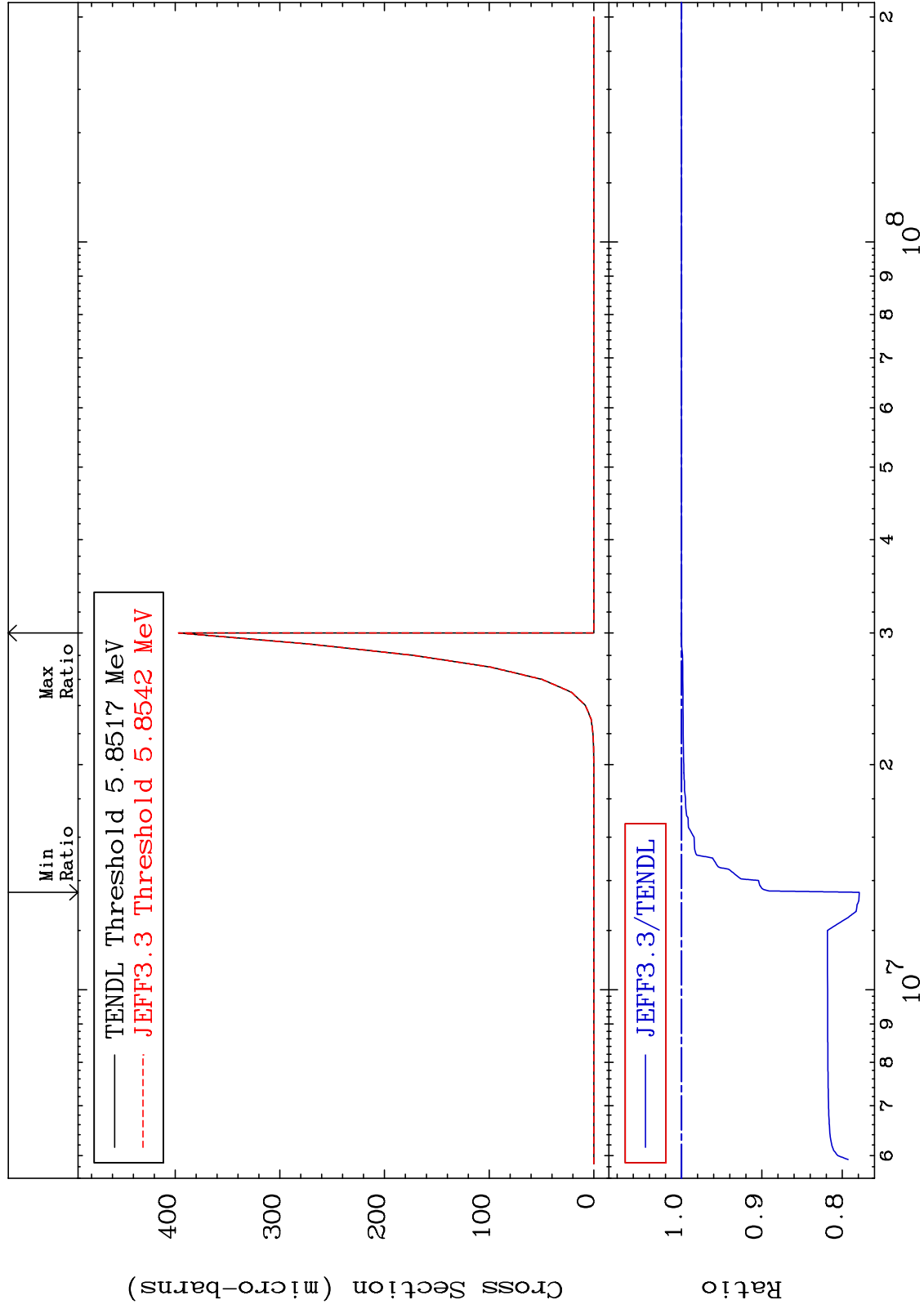
MAT 6837

(n, He-3)

68-Er-166

-22.11 To 0.058 %

Cross Section



55

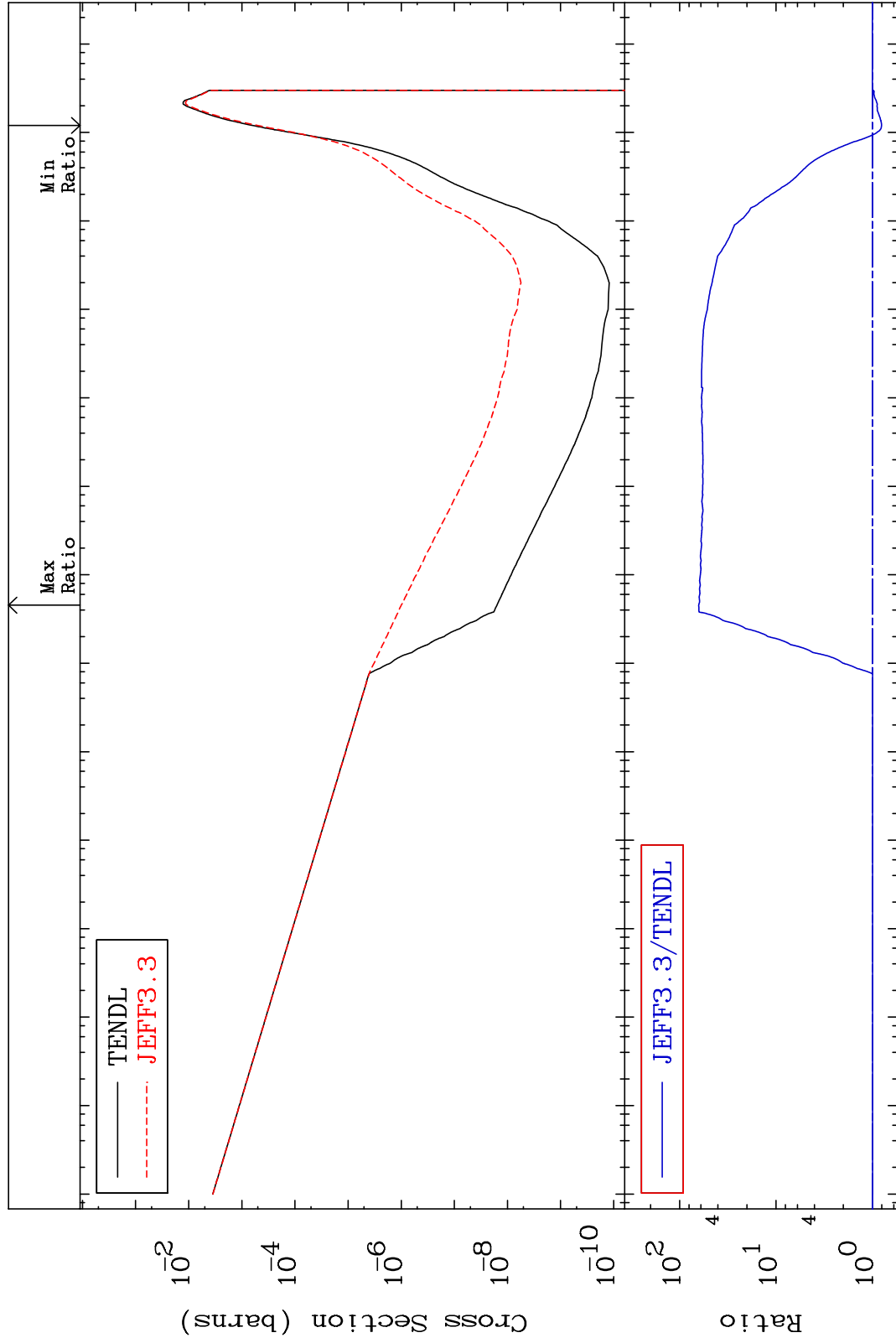
Incident Energy (eV)

68-Er-166

MAT 6837

(n, α)
Cross Section

68-Er-166
-19.67 To 6235. %



56

Incident Energy (eV)

68-Er-166

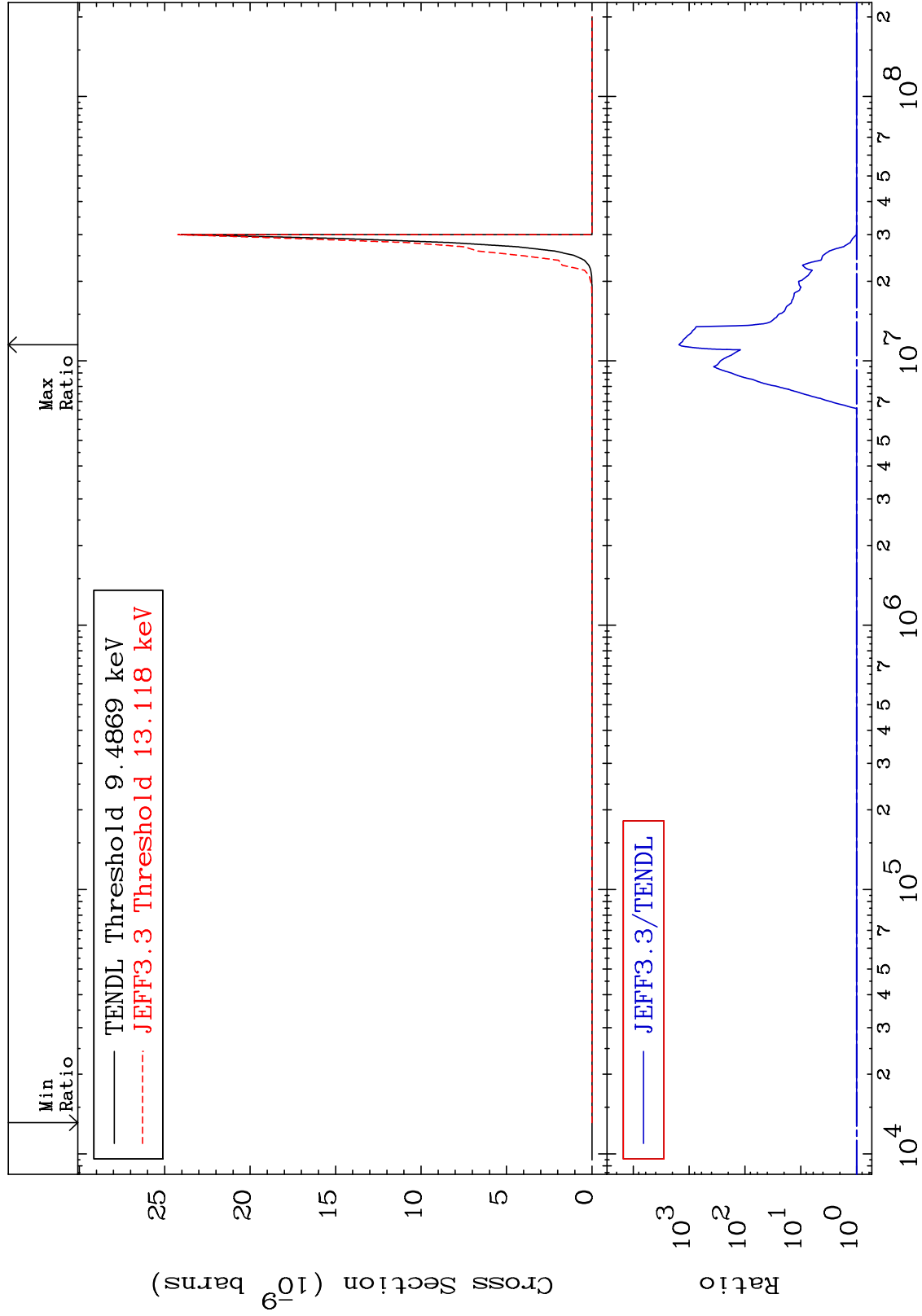
MAT 6837

(n, 2α)

68-Er-166

Cross Section

0.000 To 9999. %



57

Incident Energy (eV)

68-Er-166

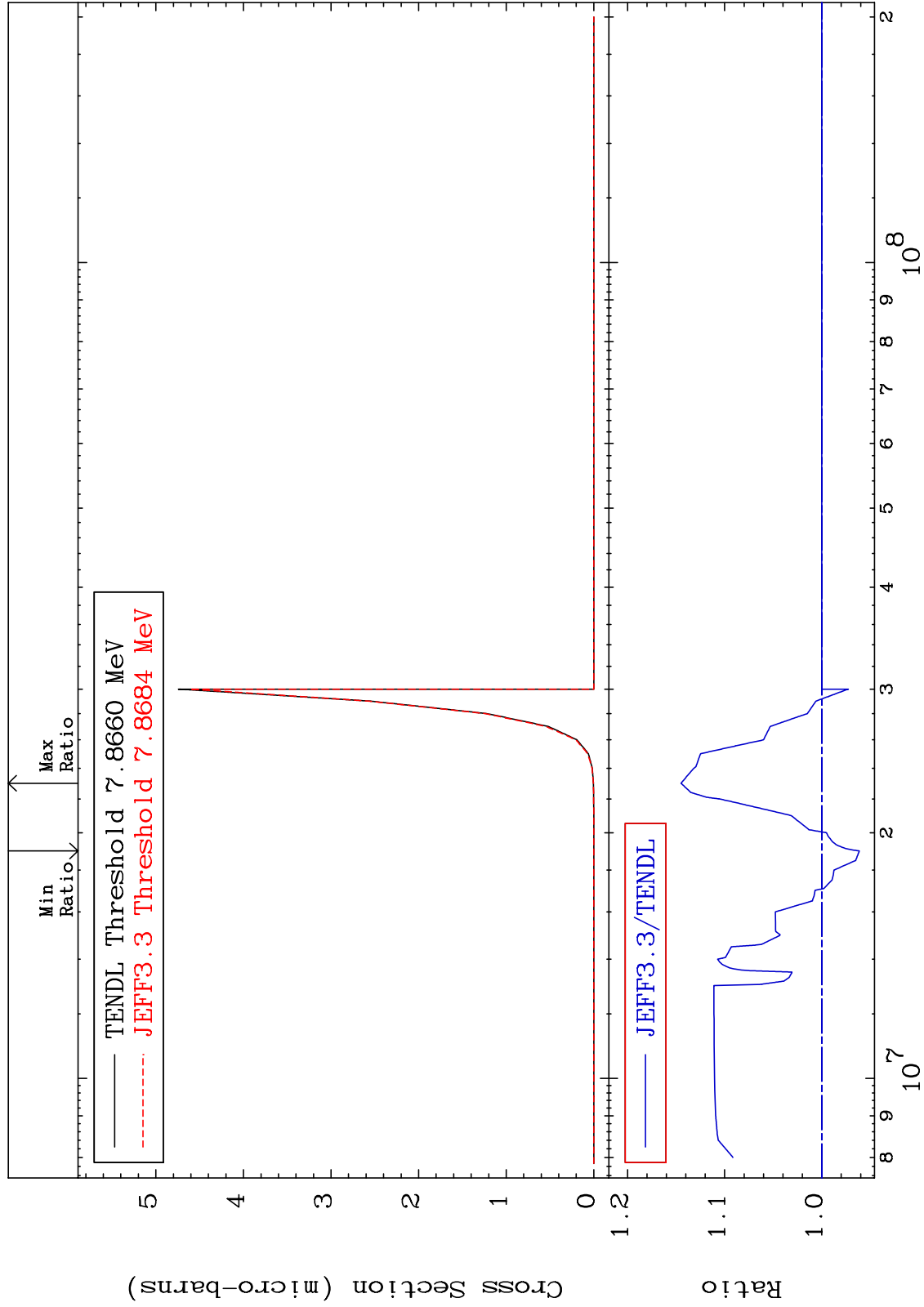
MAT 6837

(n,2p)

68-Er-166

Cross Section

-3.858 To 14.49 %



58

Incident Energy (eV)

68-Er-166

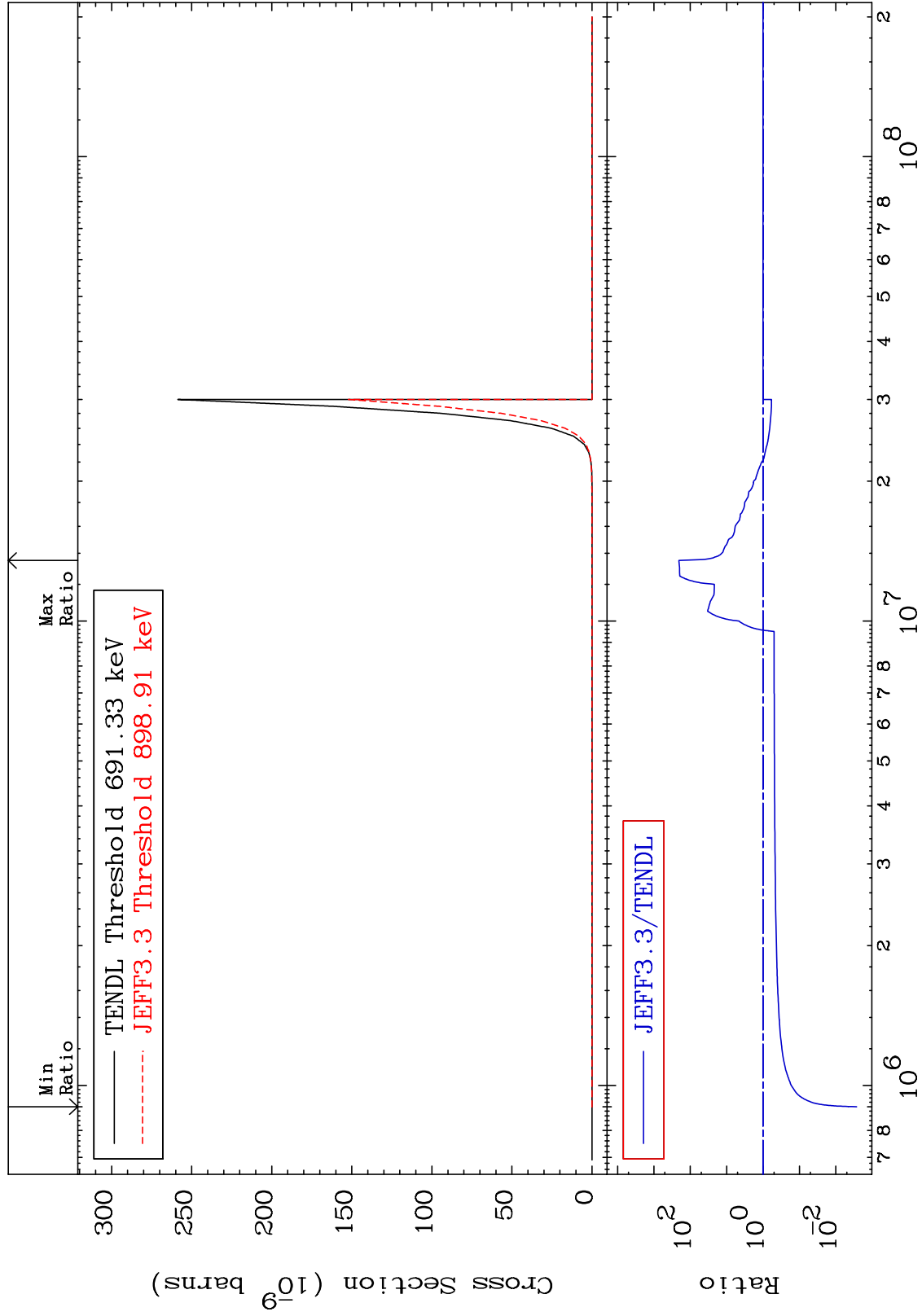
MAT 6837

(n,p) α

68-Er-166

Cross Section

-99.73 To 9999. %



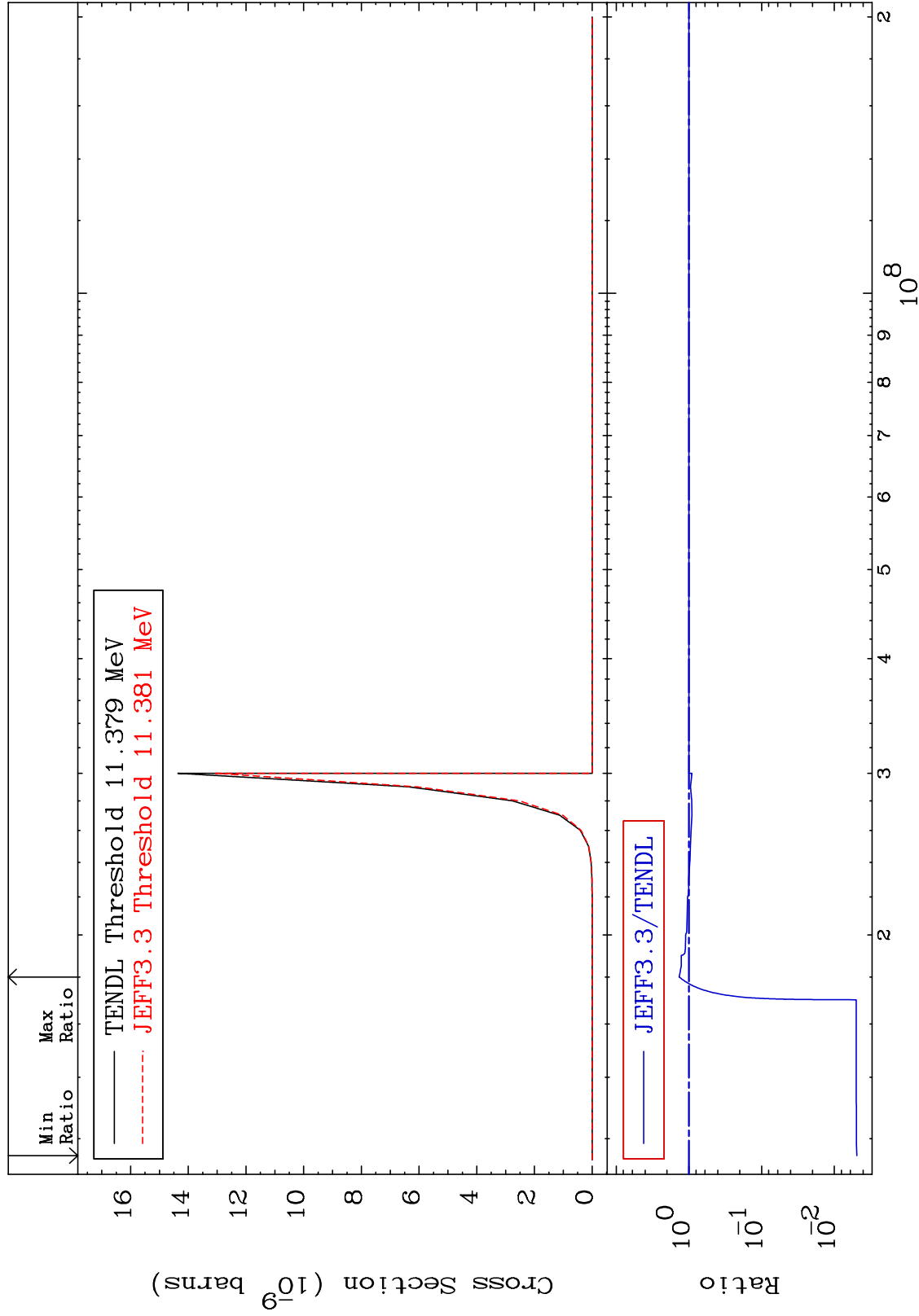
59

Incident Energy (eV)

68-Er-166

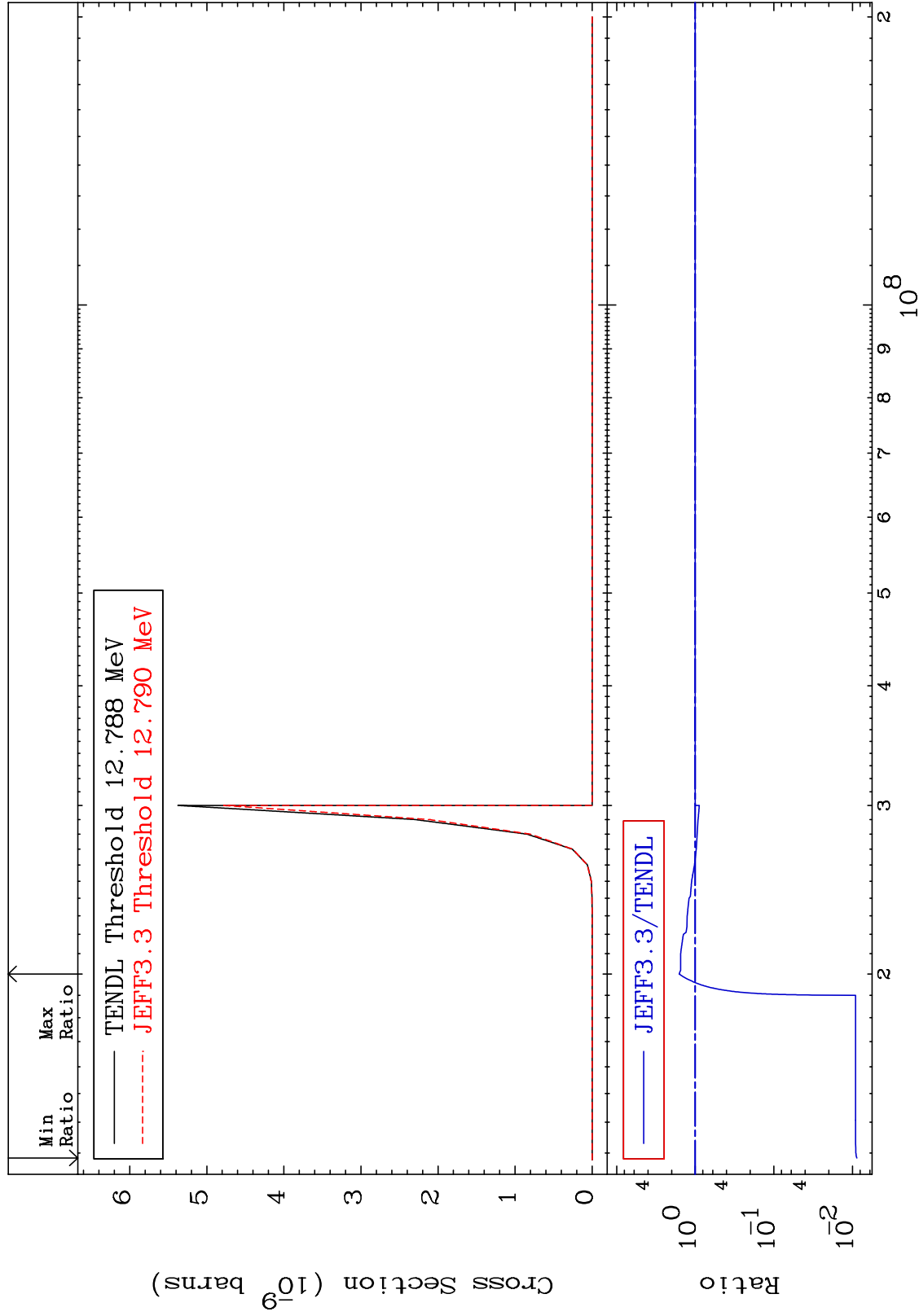
Cross Section

-99.51 To 36.14 %



Cross Section

-99.12 To 60.29 %



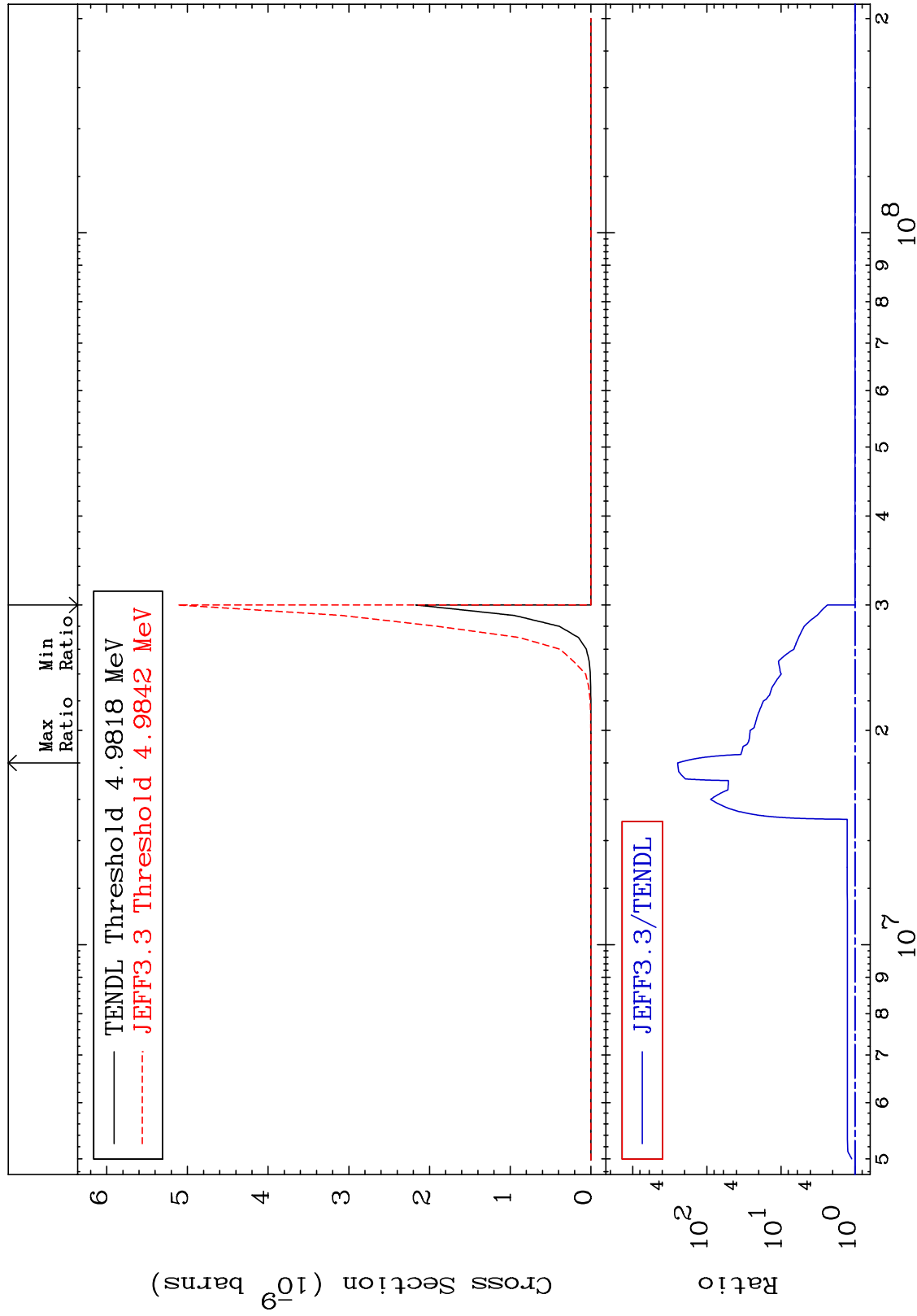
MAT 6837

(n,d) α

68-Er-166

Cross Section

0.000 To 9999. %



62

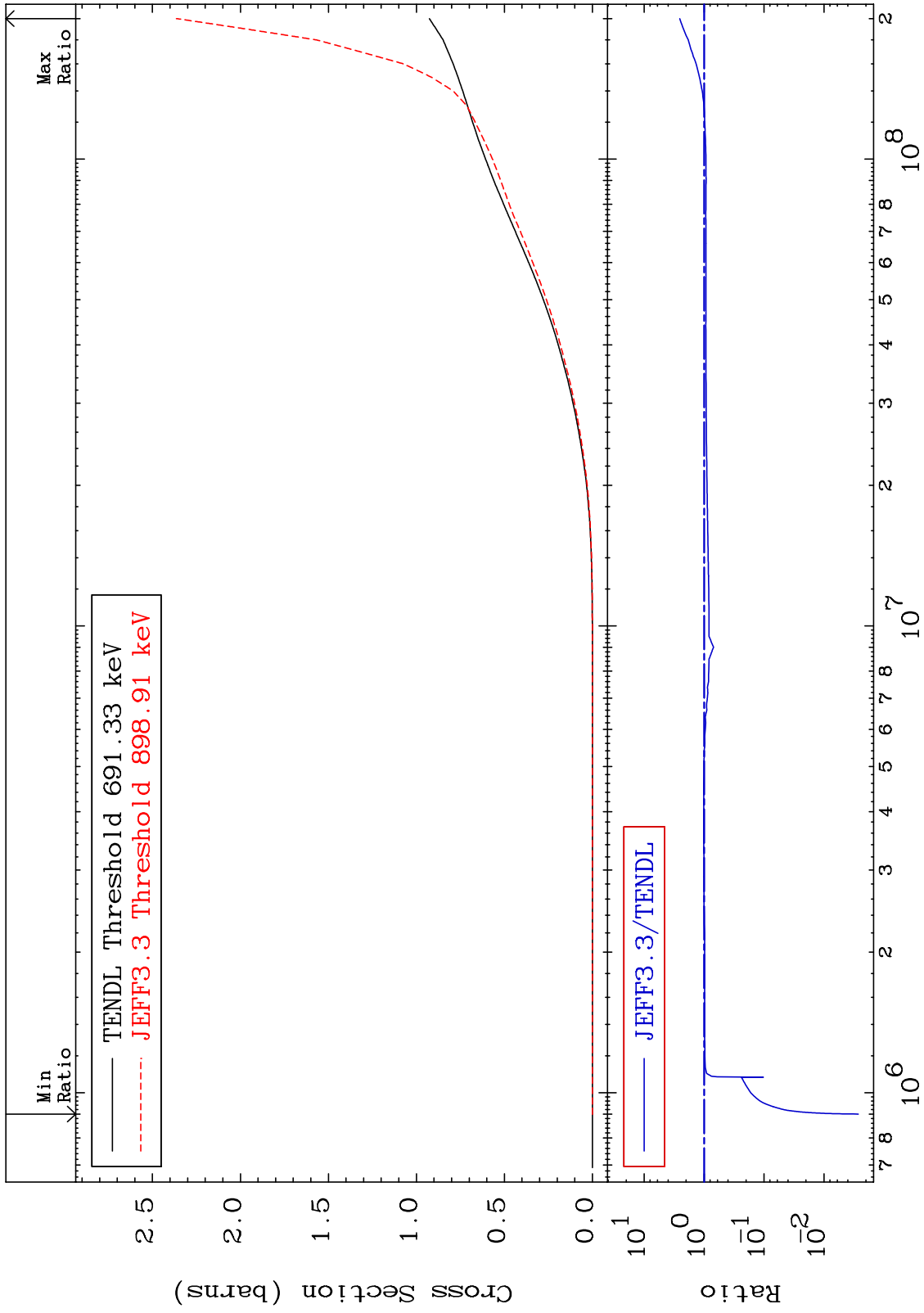
68-Er-166

68-Er-166

MAT 6837

Hydrogen Production
Cross Section

68-Er-166
-99.73 To 155.0 %



63

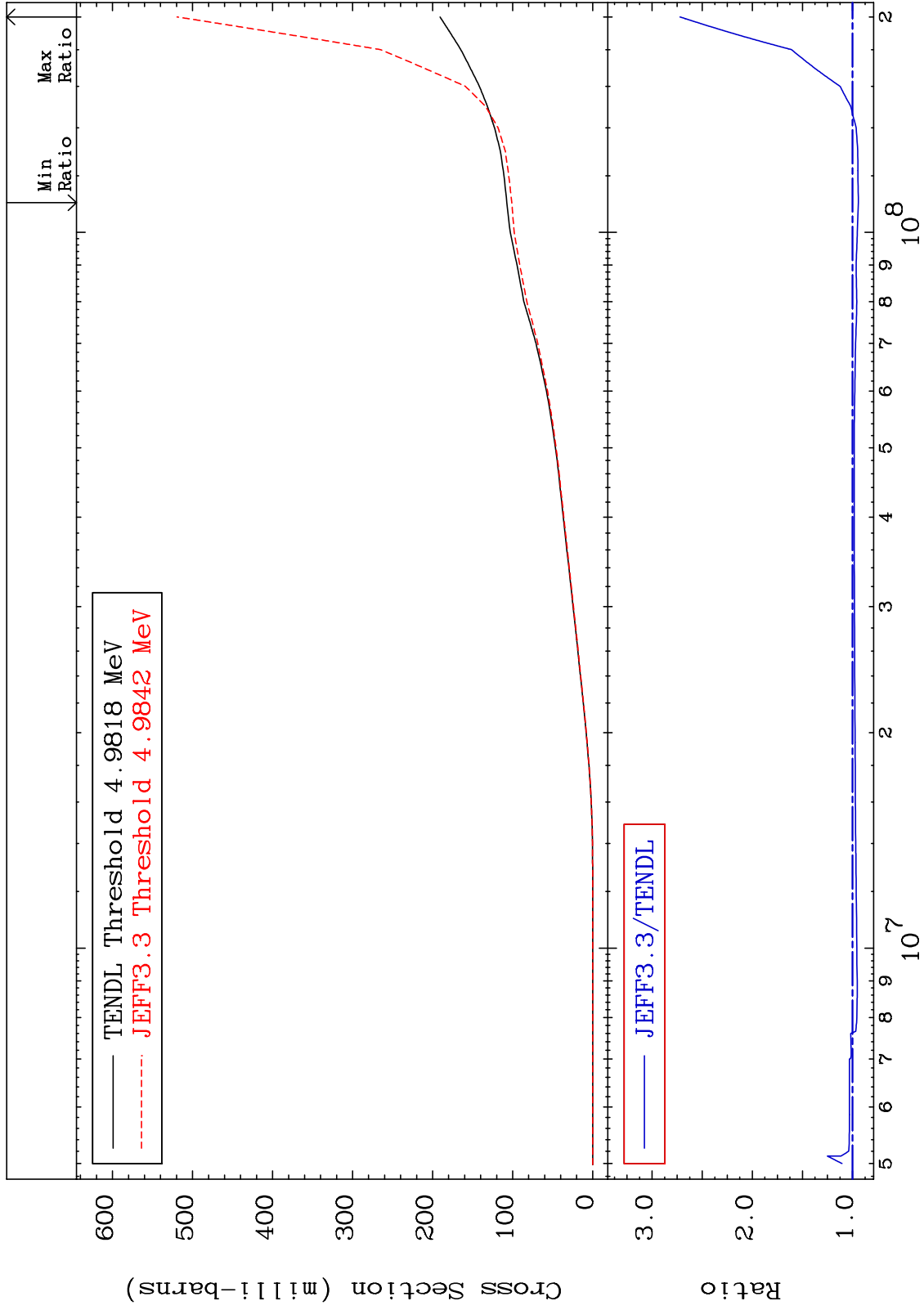
Incident Energy (eV)

68-Er-166

MAT 6837

Deuterium Production
Cross Section

68-Er-166
-5.870 To 172.1 %



64

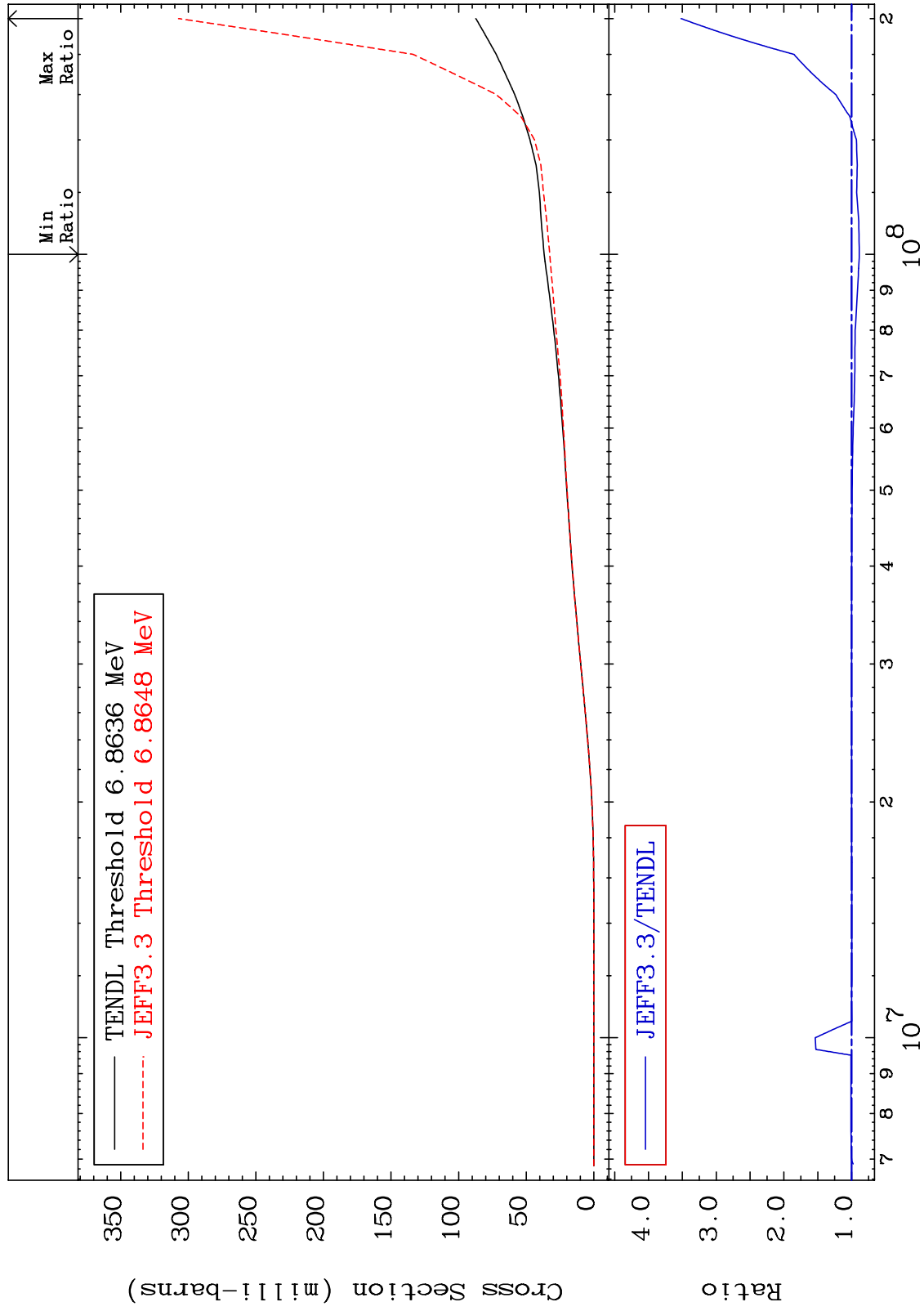
Incident Energy (eV)

68-Er-166

MAT 6837

Tritium Production
Cross Section

68-Er-166
-11.36 To 251.9 %



65

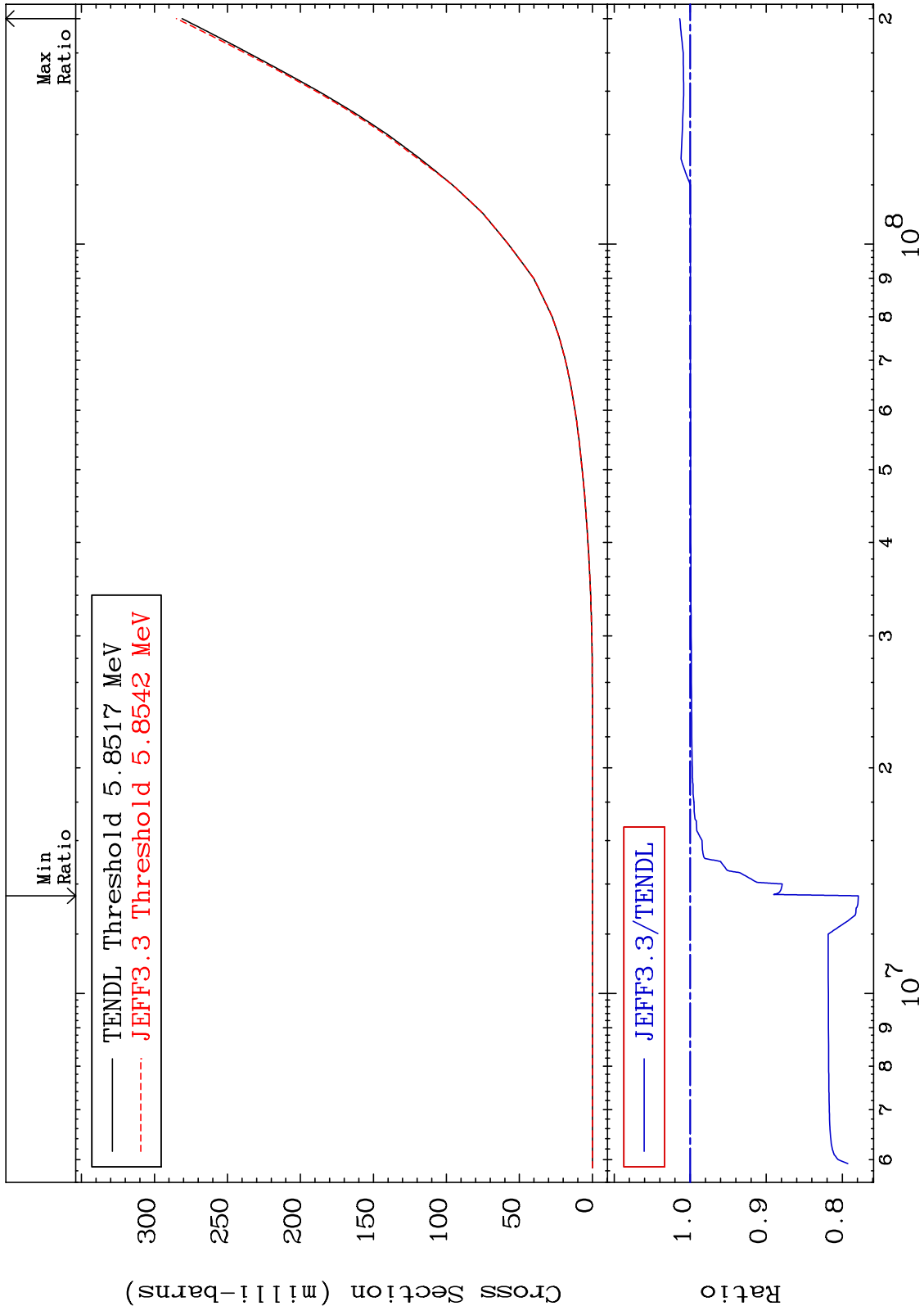
Incident Energy (eV)

68-Er-166

MAT 6837

He-3 Production
Cross Section

68-Er-166
-22.11 To 1.370 %



66

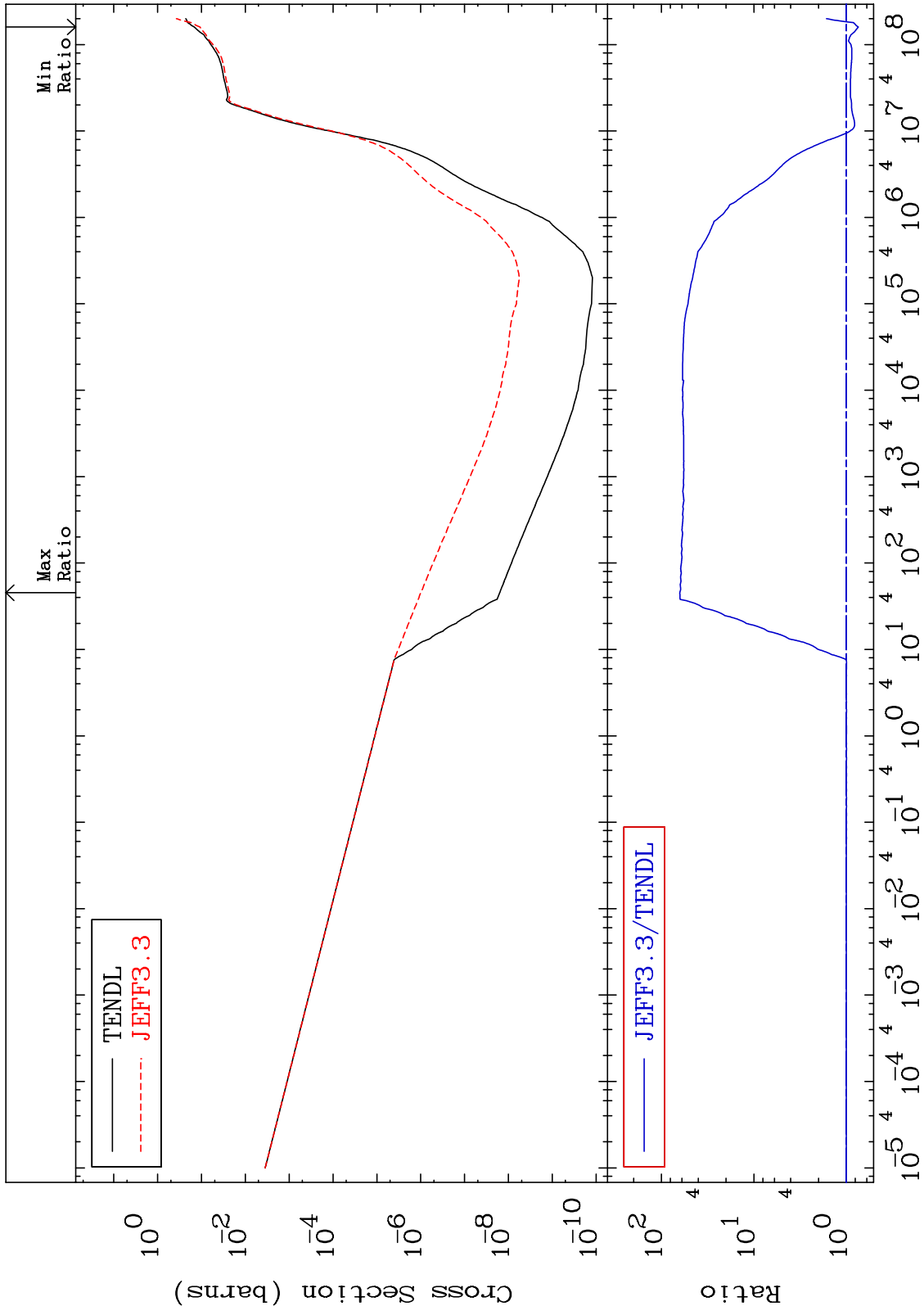
Incident Energy (eV)

68-Er-166

MAT 6837

He-4 Production
Cross Section

68-Er-166
-25.96 To 6235. %



67

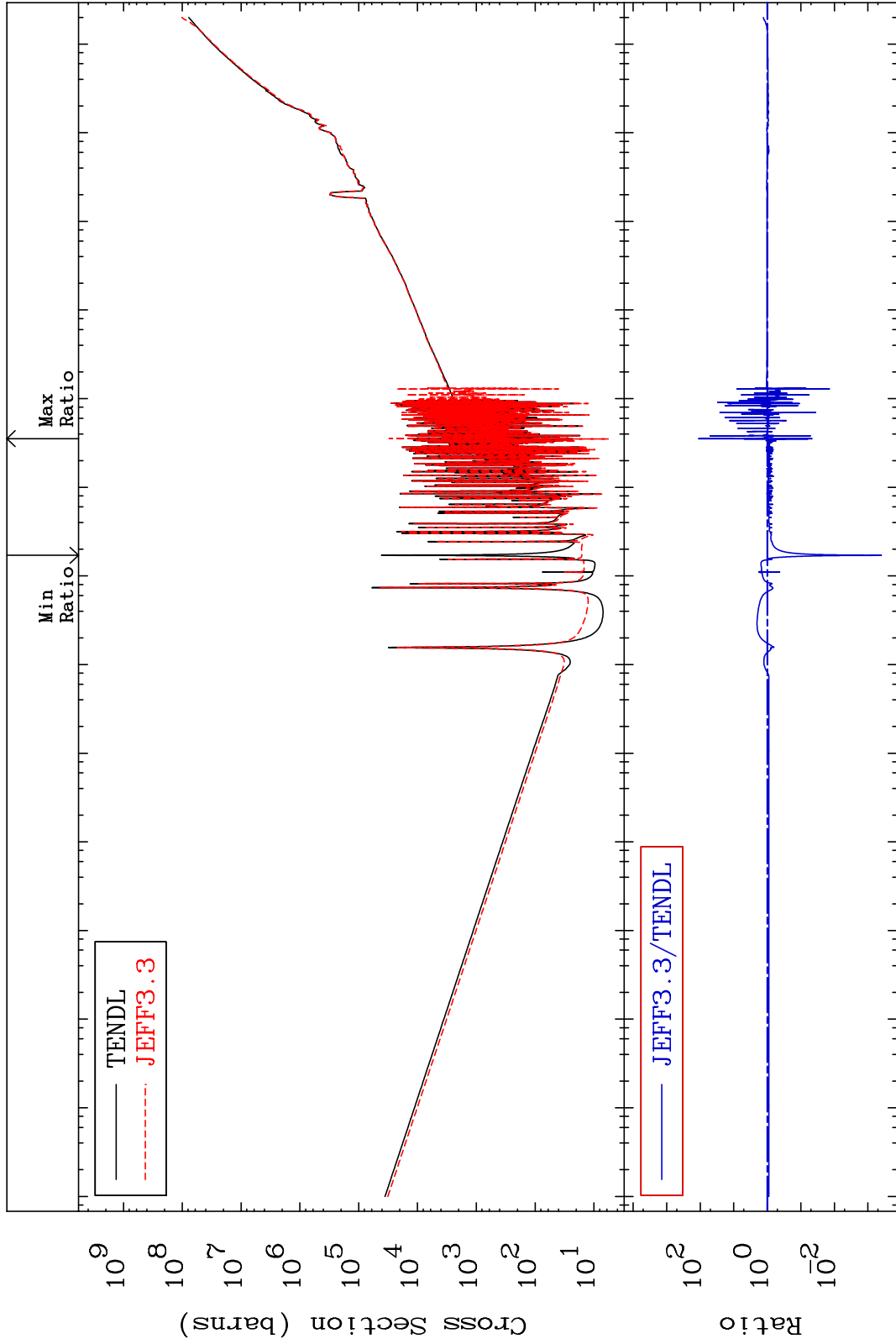
Incident Energy (eV)

68-Er-166

MAT 6837

Kerma total (eV-barns)
Cross Section

68-Er-166
-99.96 To 9999. %



68

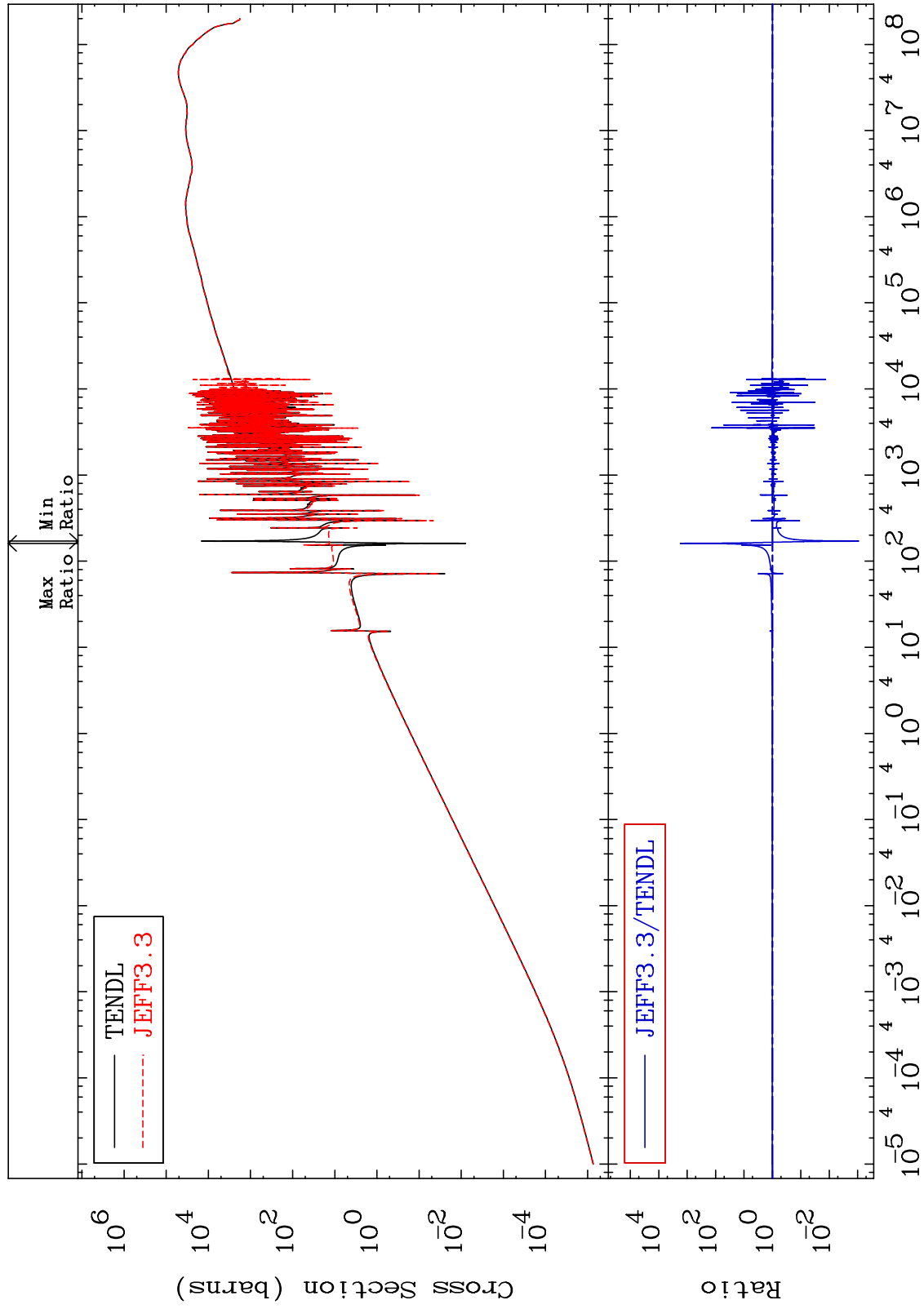
Incident Energy (eV)

68-Er-166

MAT 6837

Kerma elastic
Cross Section

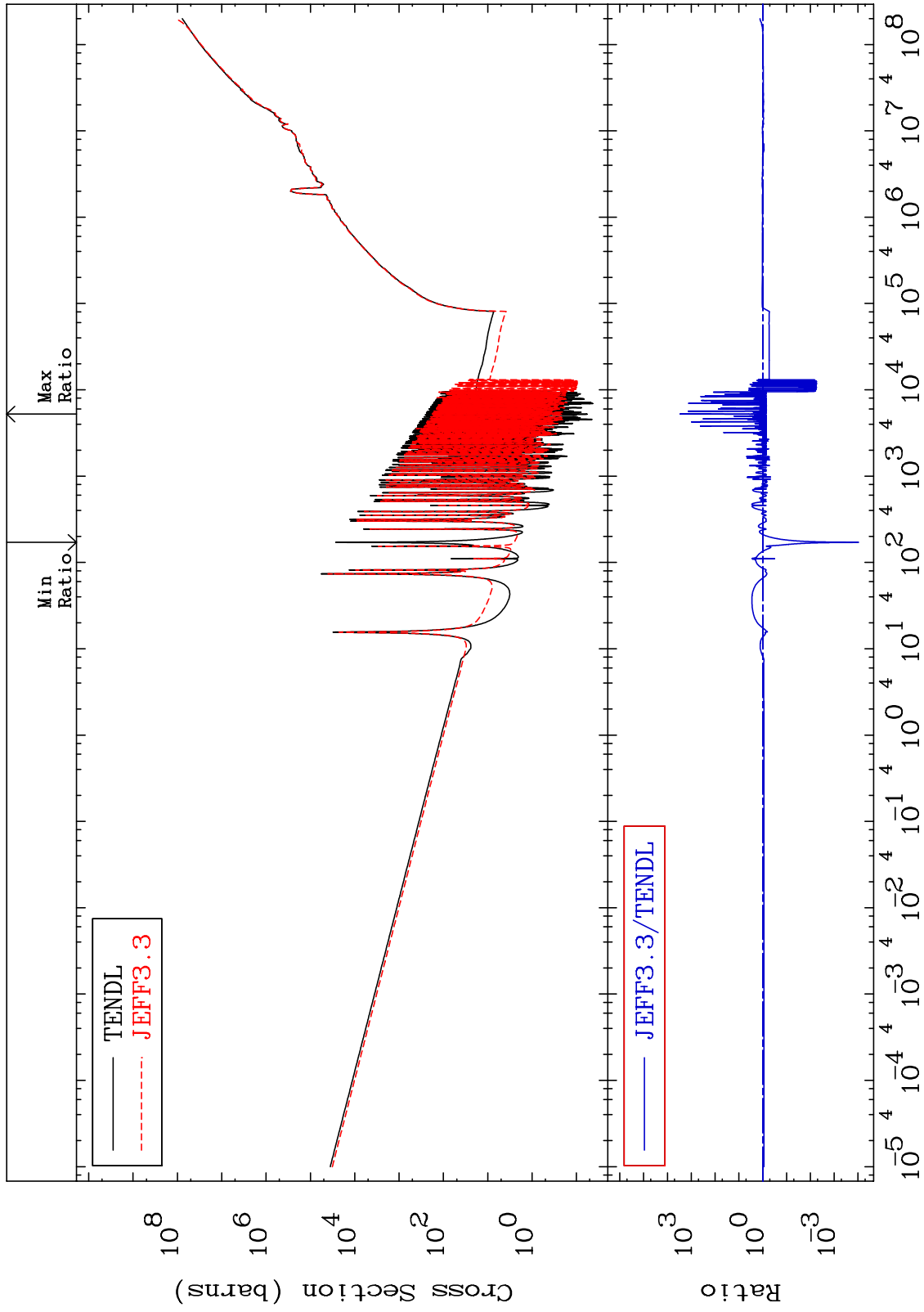
68-Er-166
-99.91 To 9999. %



MAT 6837

Kerma non-elastic (all but mt2)
Cross Section

68-Er-166
-99.99 To 9999. %



70

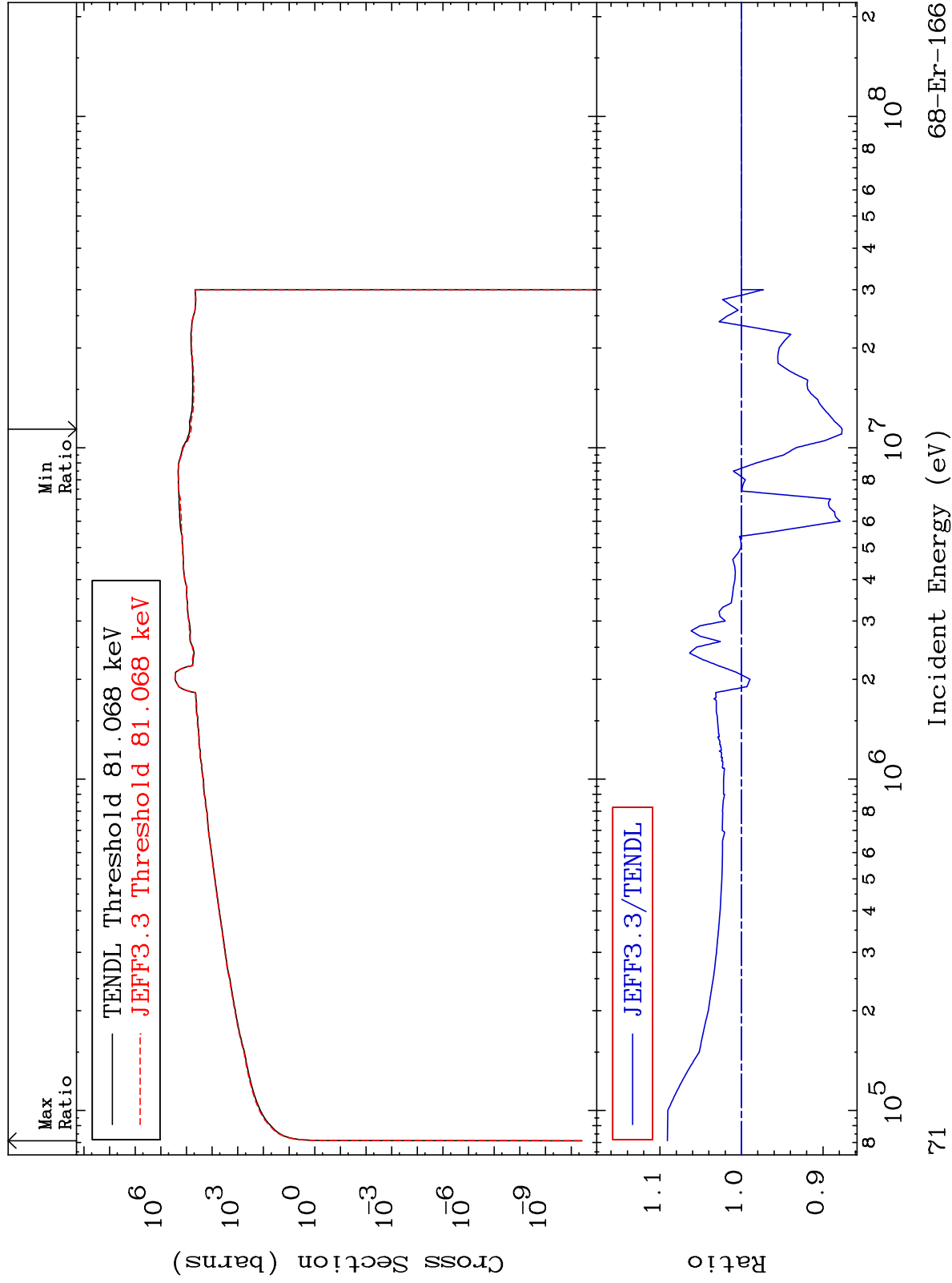
Incident Energy (eV)

68-Er-166

MAT 6837

Kerma inelastic (mt51-91)
Cross Section

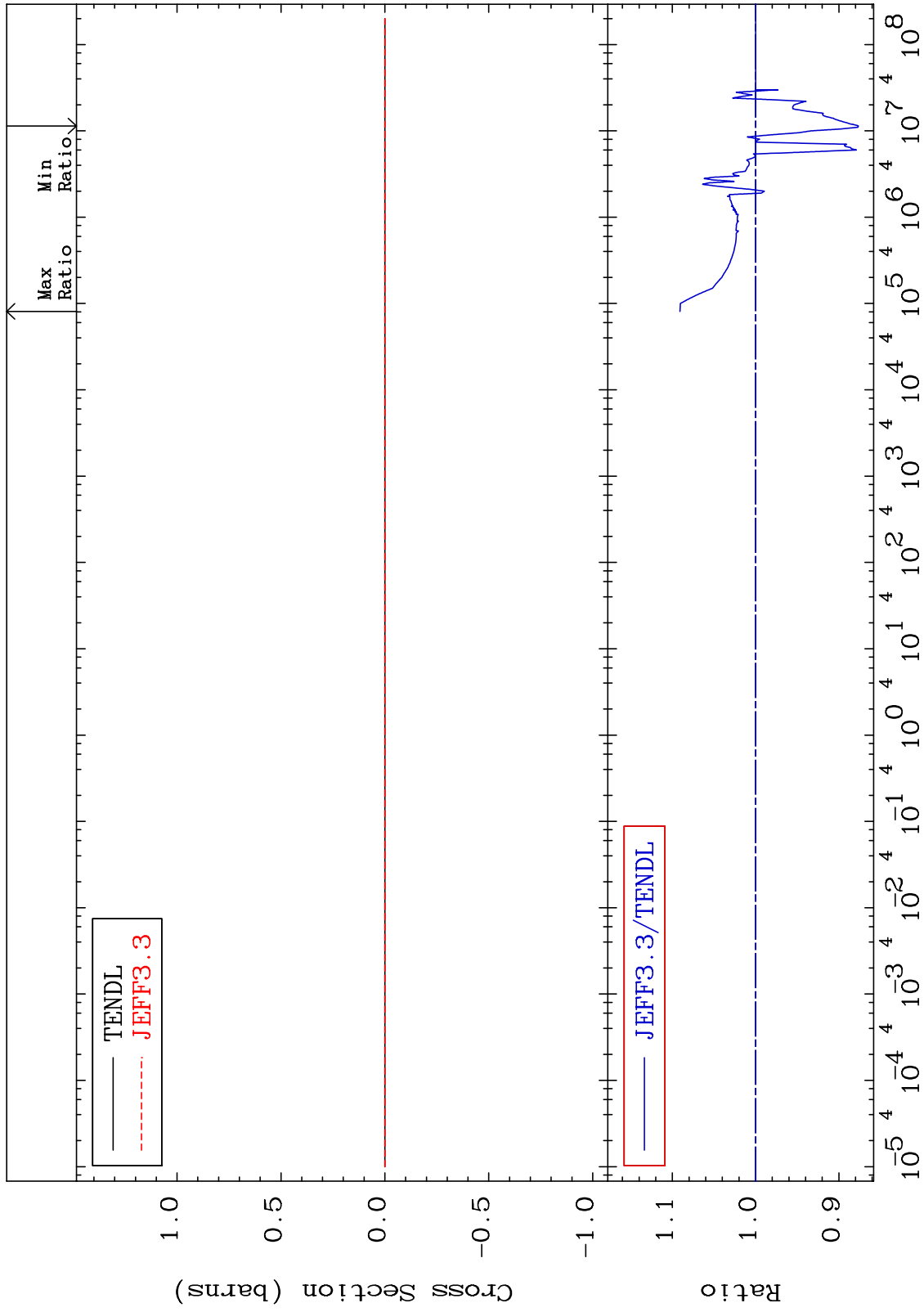
68-Er-166
-12.34 To 9.086 %



MAT 6837

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

68-Er-166
-12.34 To 9.086 %



72

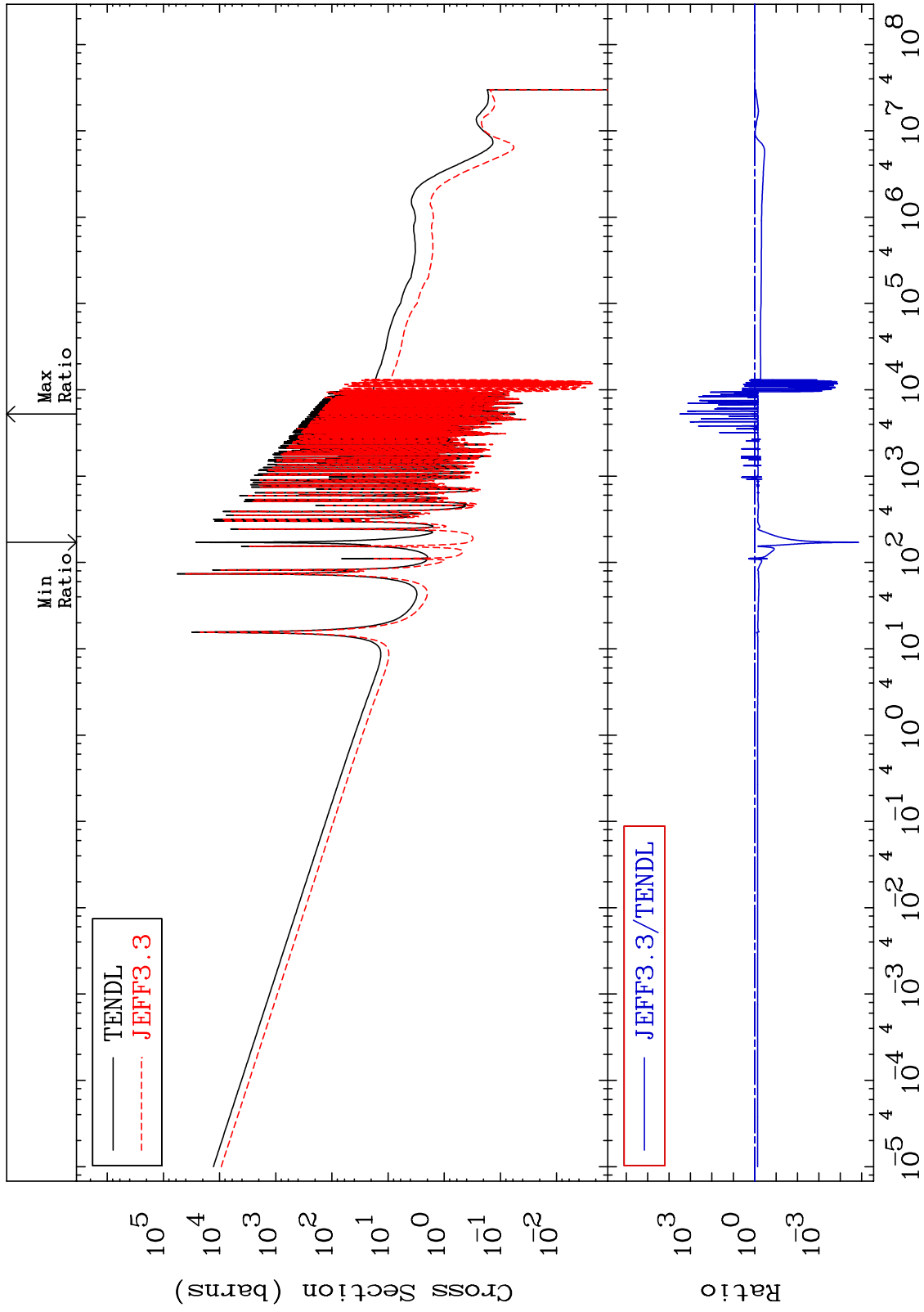
Incident Energy (eV)

68-Er-166

MAT 6837

Kerma capture (mt102)
Cross Section

68-Er-166
-100.0 To 9999. %



73

Incident Energy (eV)

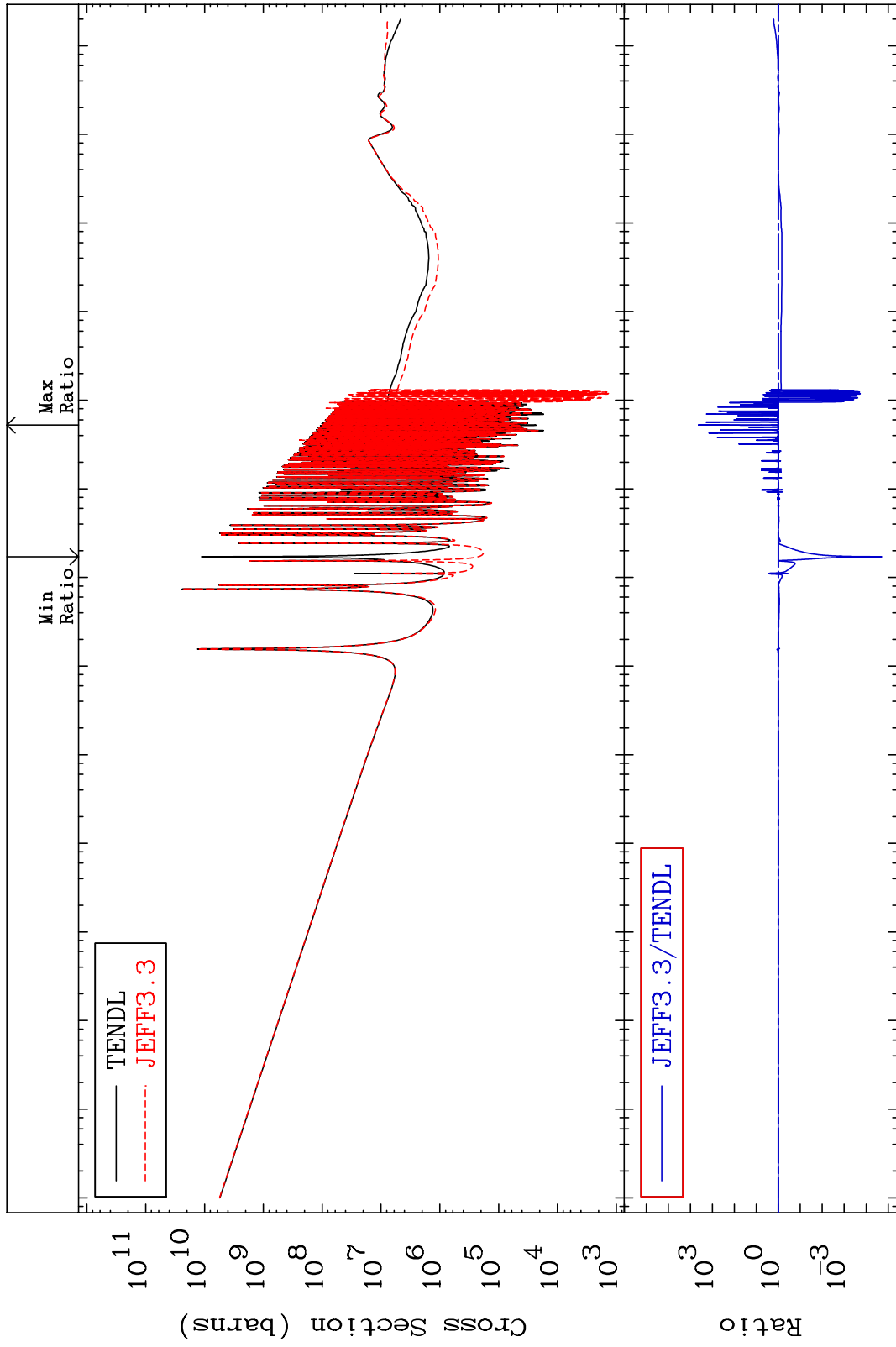
68-Er-166

MAT 6837

Total photon (eV-barns)
Cross Section

68-Er-166

-100.0 To 9999. %



74

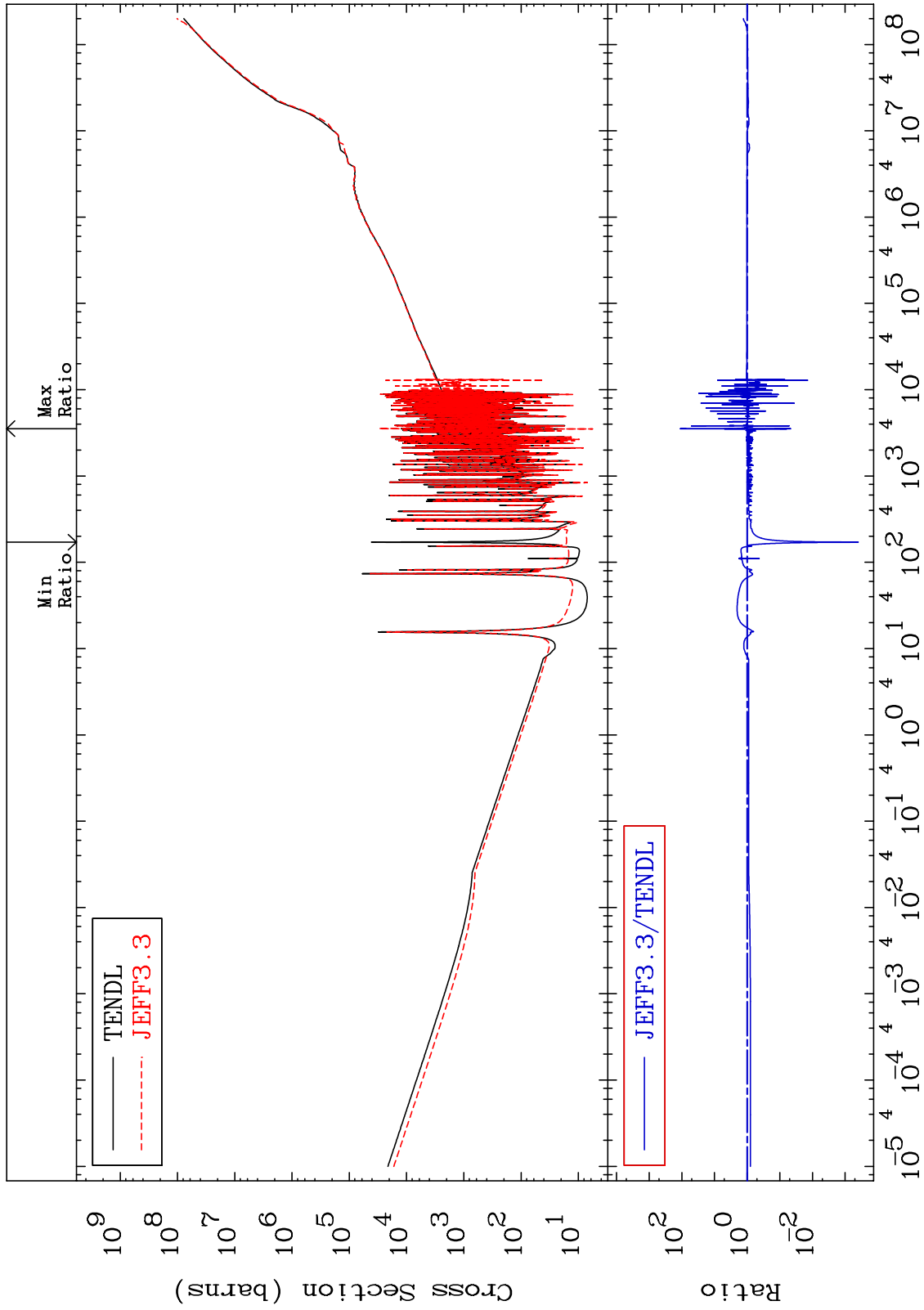
Incident Energy (eV)

68-Er-166

MAT 6837

Total kinematic kerma (high limit)
Cross Section

68-Er-166
-99.96 To 9999. %



75

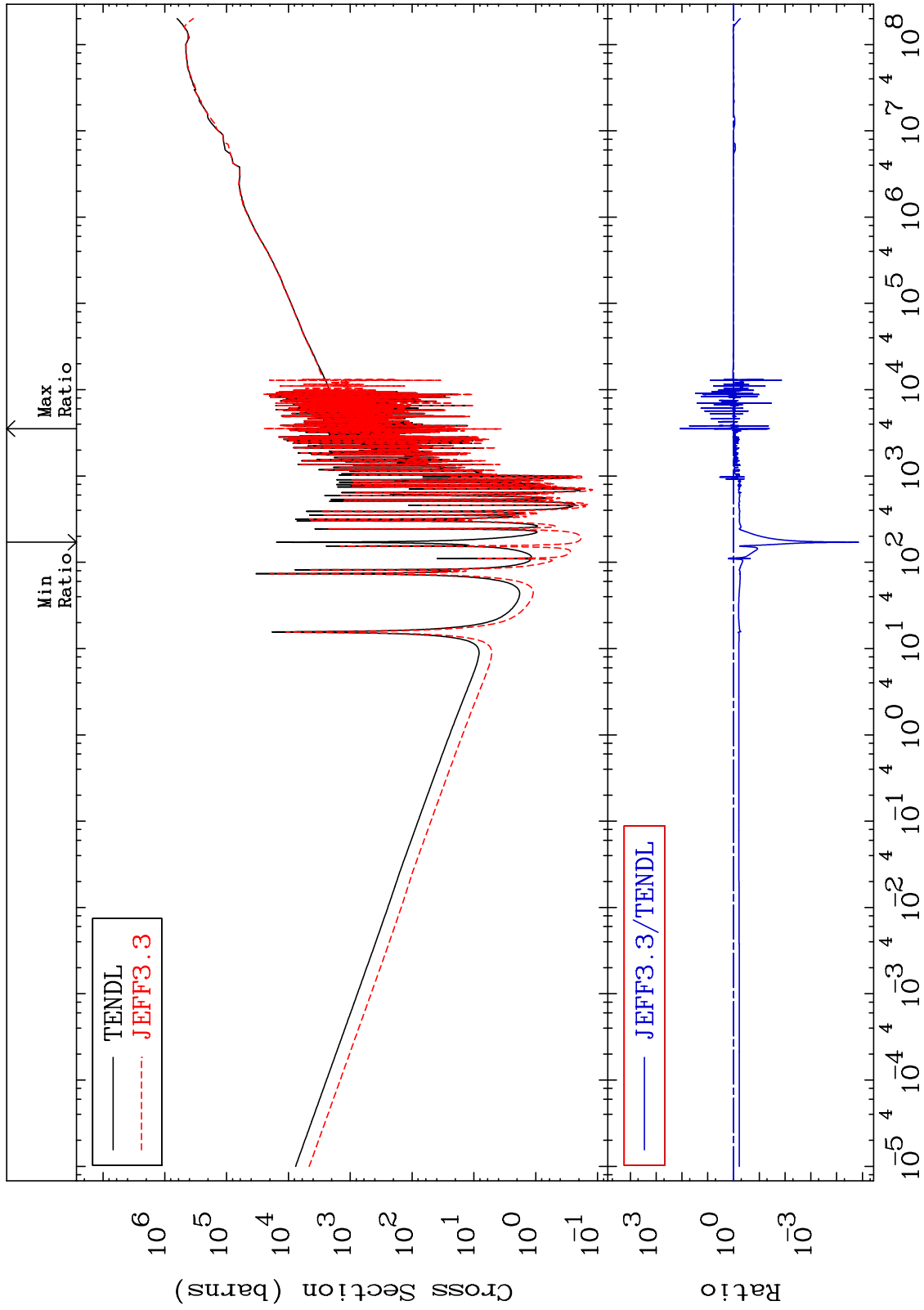
Incident Energy (eV)

68-Er-166

MAT 6837

Dpa total (eV-barns)
Cross Section

68-Er-166
-100.0 To 9999. %



76

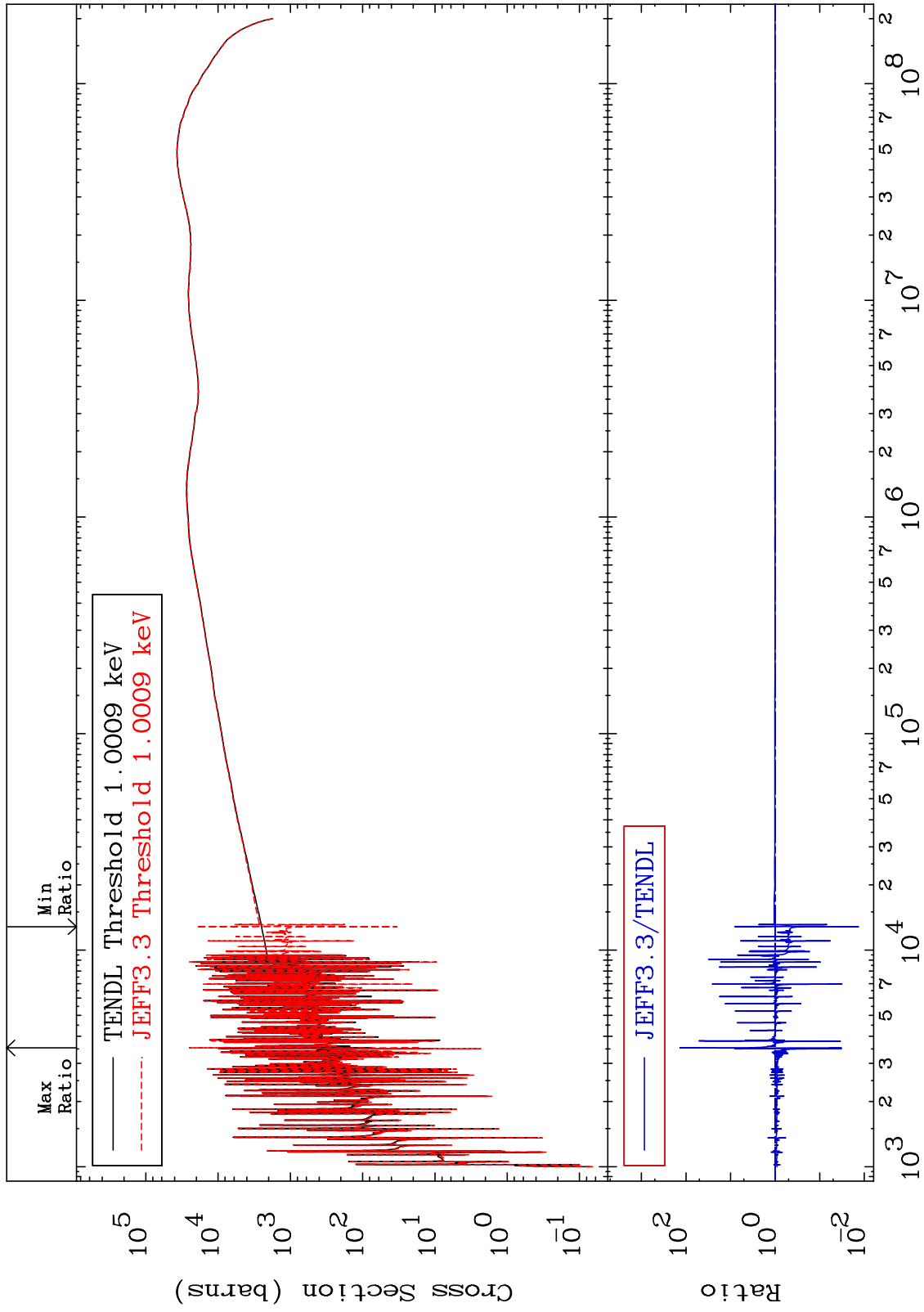
Incident Energy (eV)

68-Er-166

MAT 6837

Dpa elastic (mt2)
Cross Section

68-Er-166
-98.65 To 9999. %



77

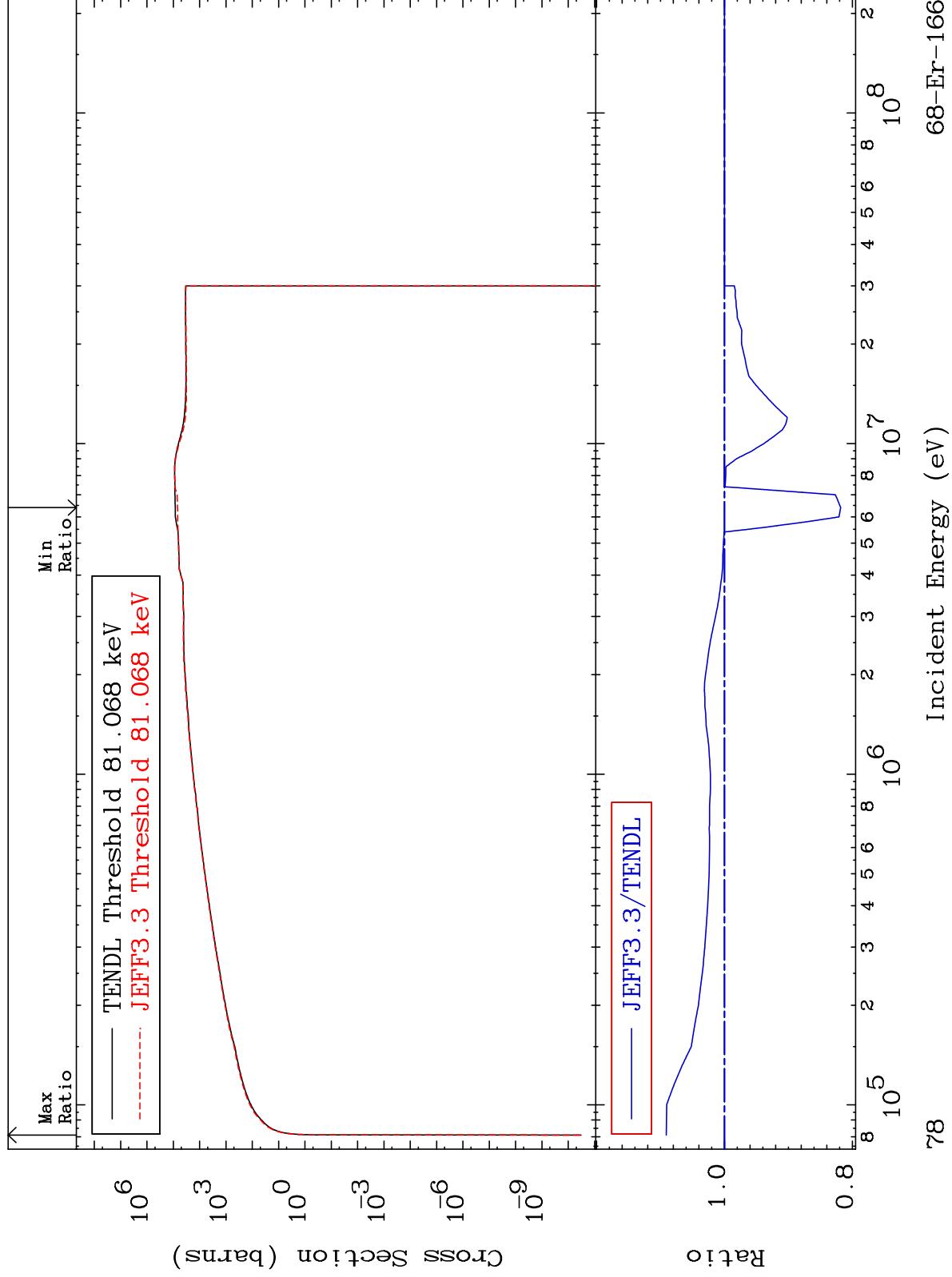
68-Er-166

68-Er-166

MAT 6837

Dpa inelastic (mt51-91)
Cross Section

68-Er-166
-18.18 To 9.086 %



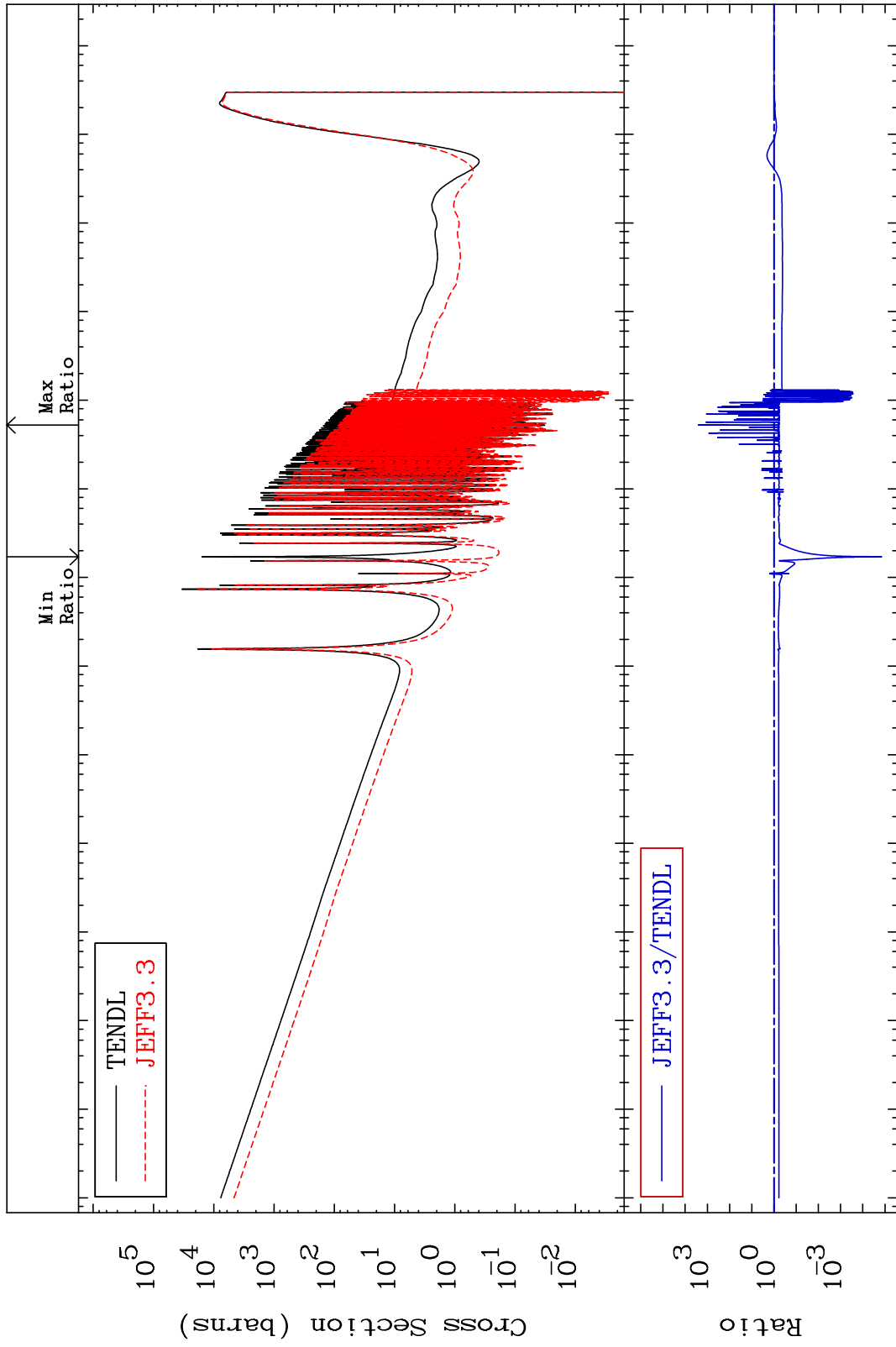
78

68-Er-166

MAT 6837

Dpa disappearance (mt102 -120)
Cross Section

68-Er-166
-100.0 To 9999. %



79

Incident Energy (eV)

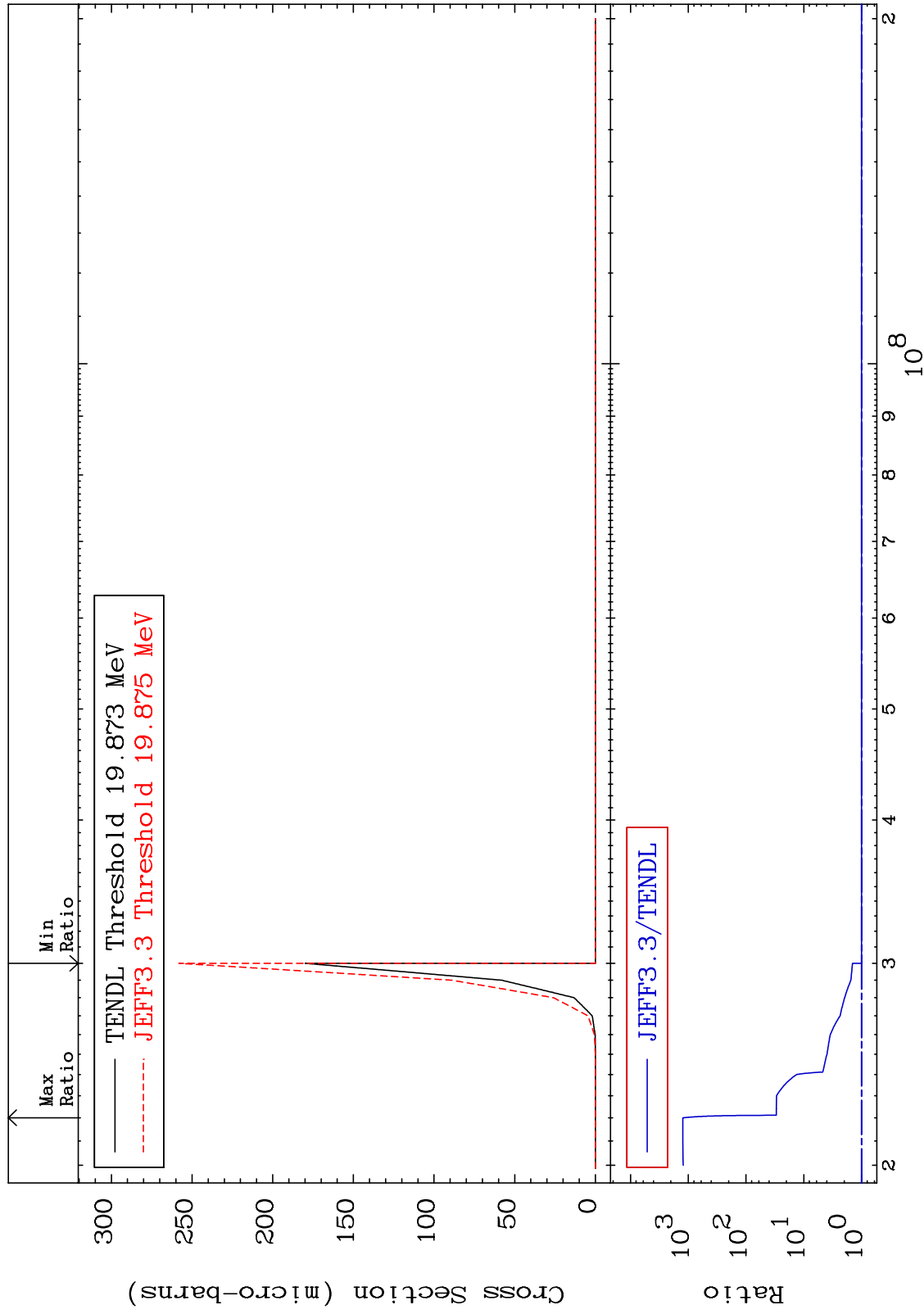
68-Er-166

MAT 6837

(n,2n) d:67-Ho-163g

68-Er-166

Radionuclide Production Cross Section 0.000 To 9999. %

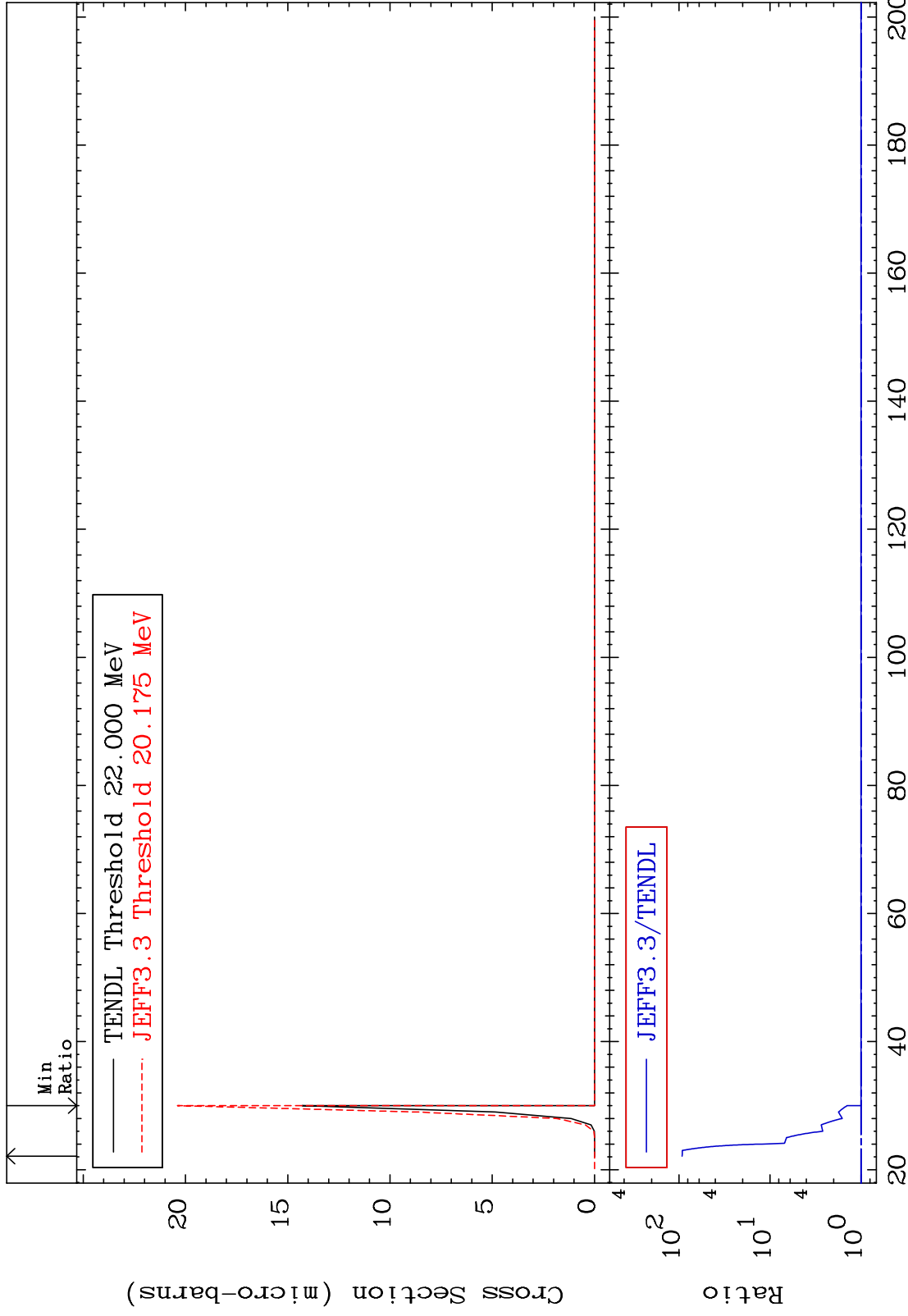


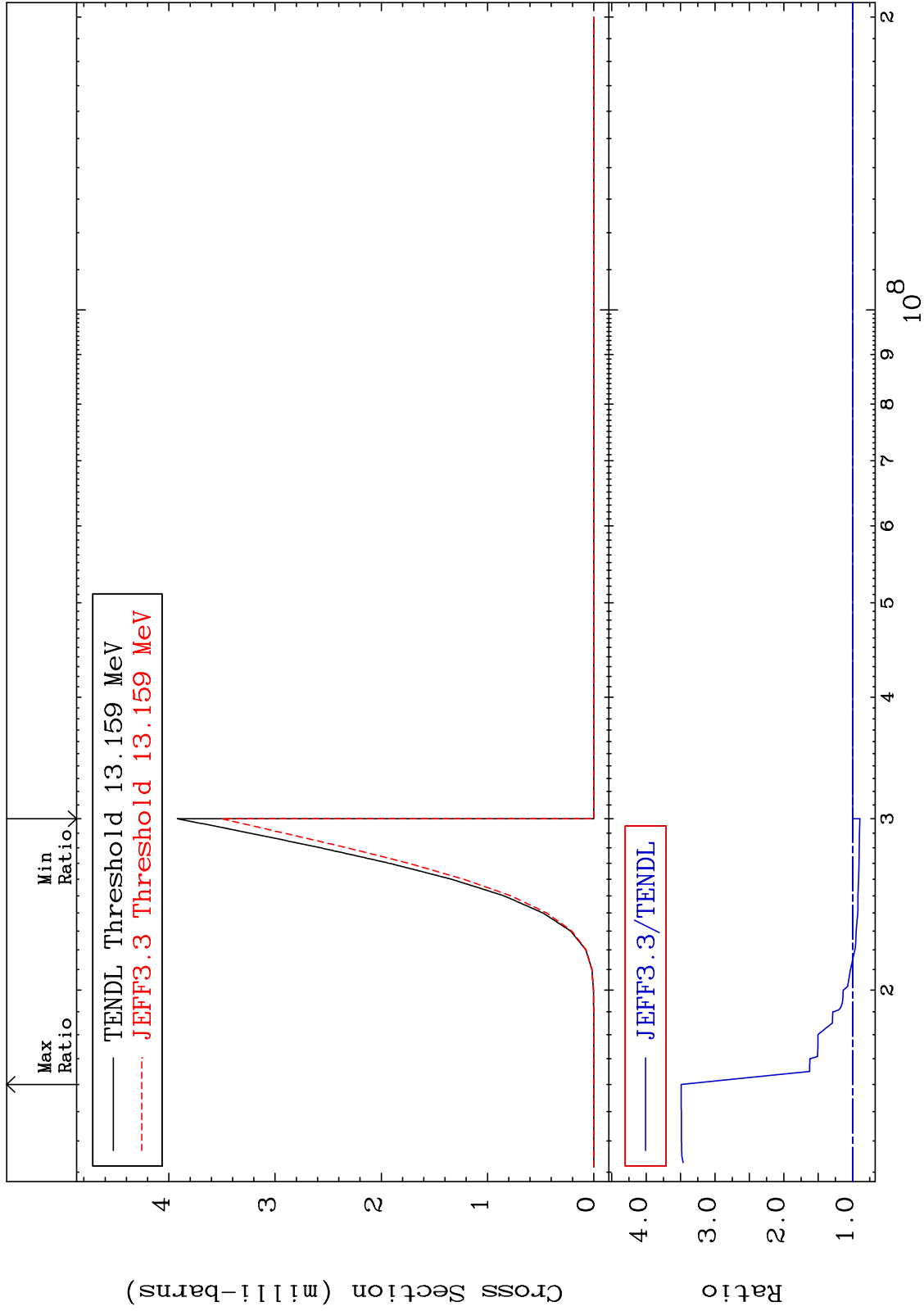
MAT 6837

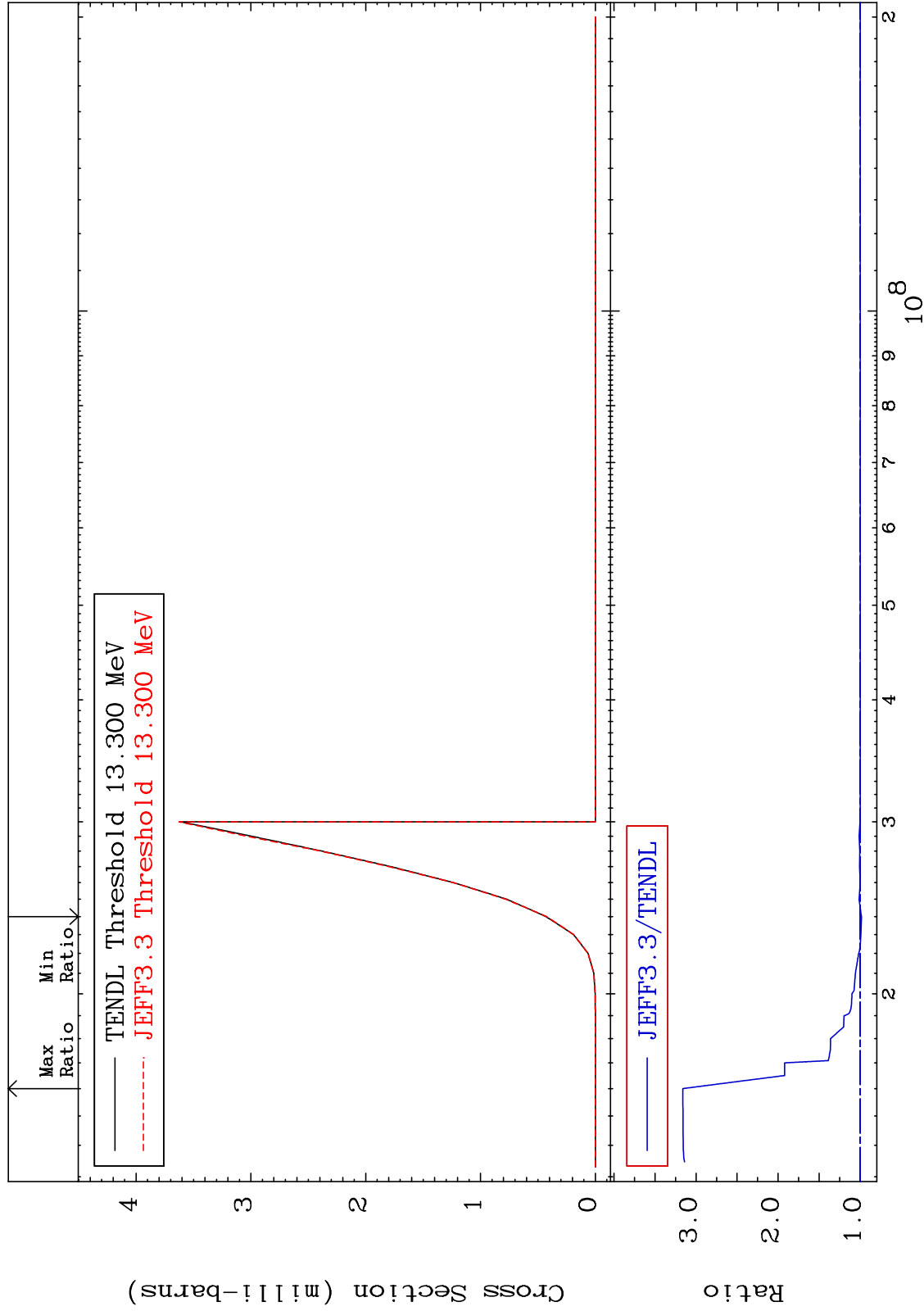
(n,2n) d:67-Ho-163m3

68-Er-166

Radionuclide Production Cross Section 0.000 To 9137. %





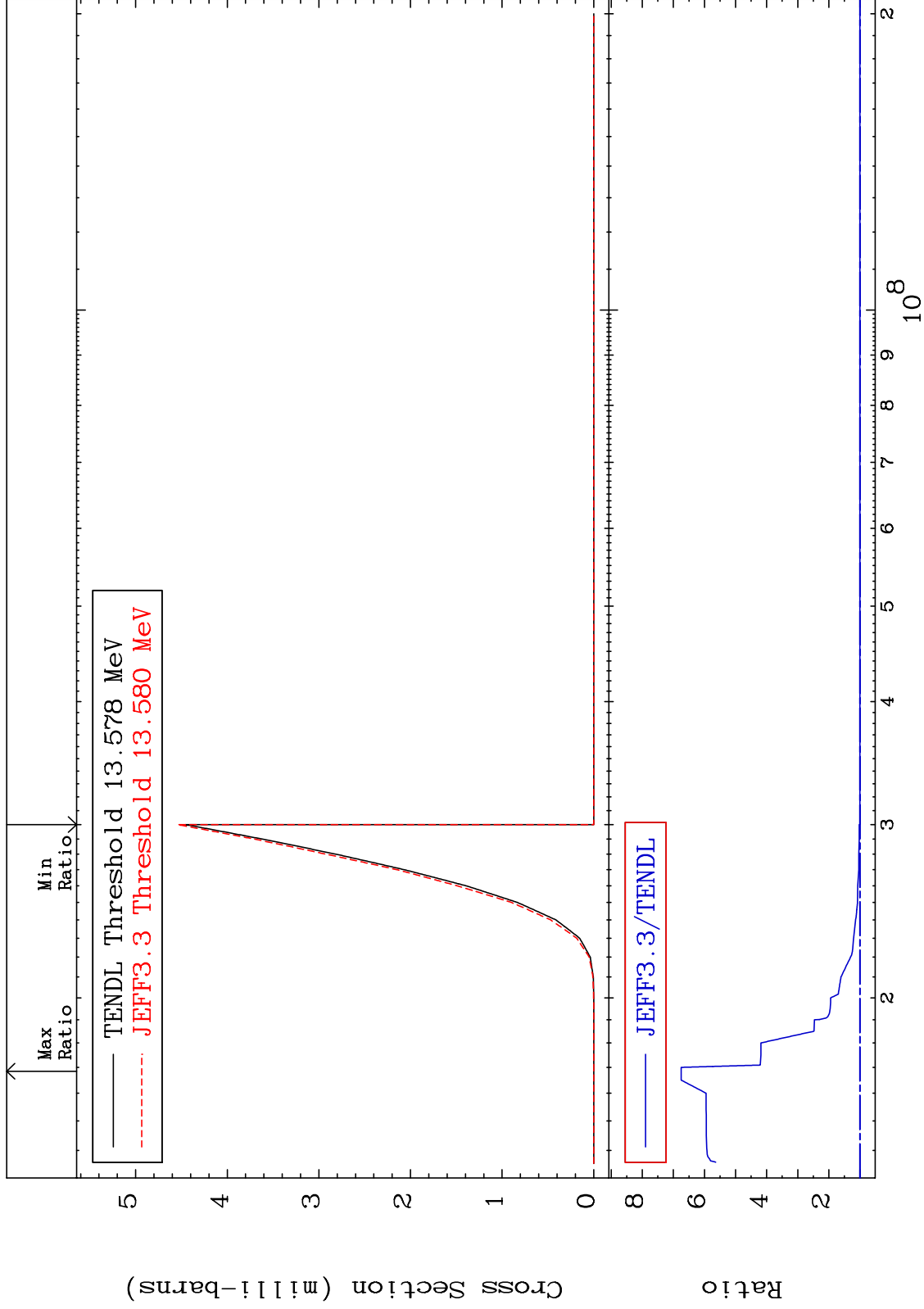


MAT 6837

(n, n') t:67-Ho-163g

68-Er-166

Radionuclide Production Cross Section 0.000 To 574.8 %

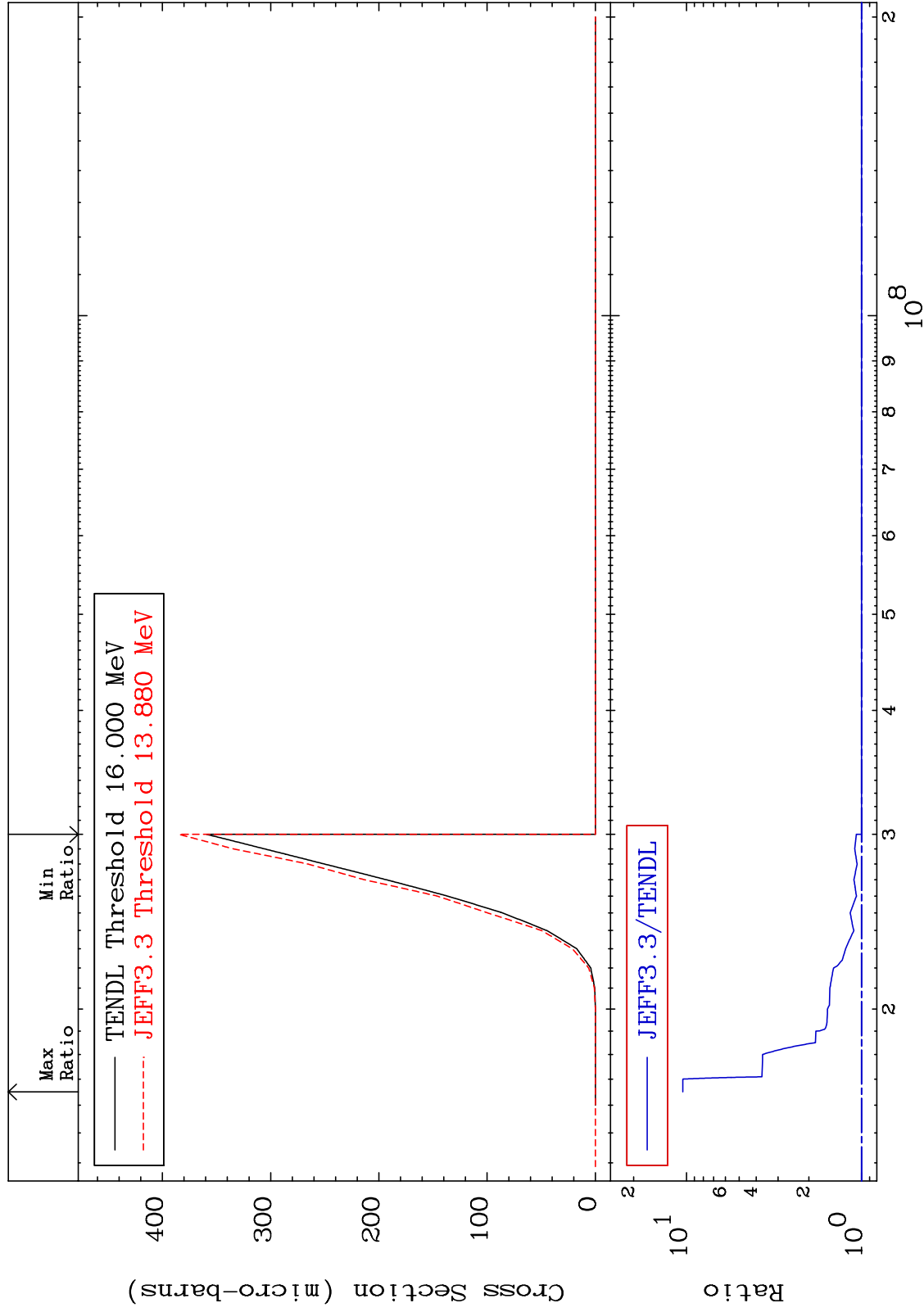


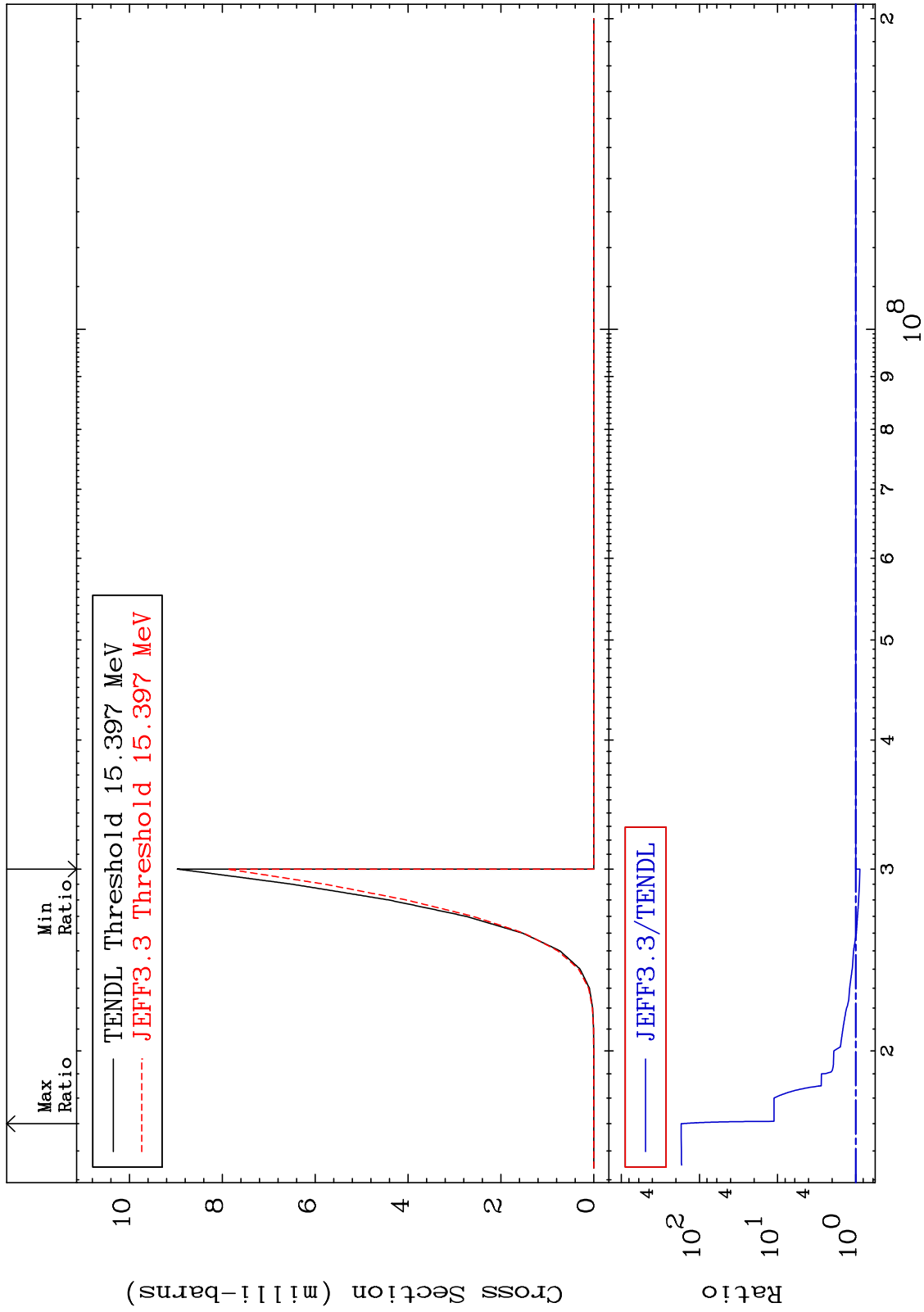
MAT 6837

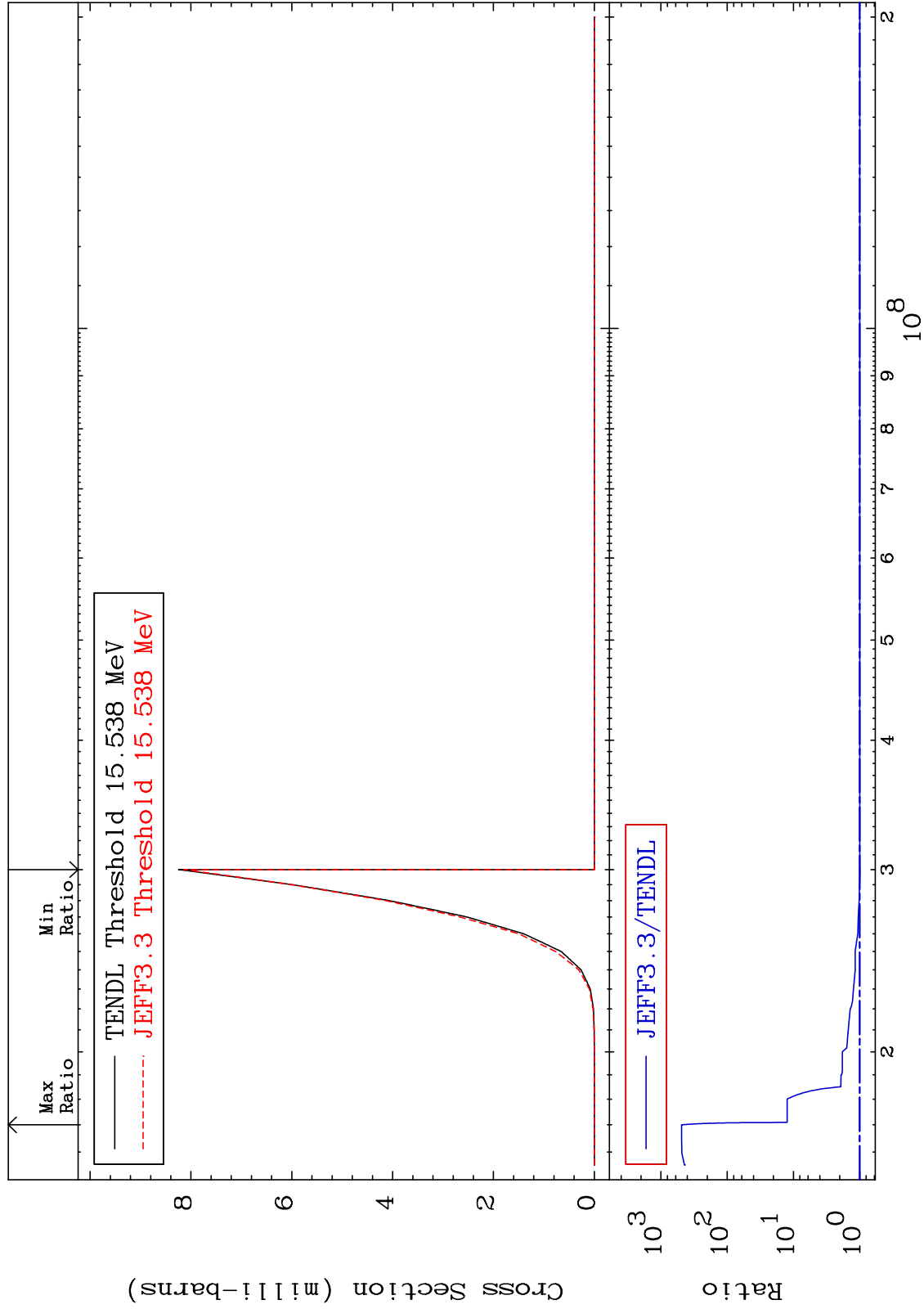
(n, n') t: 67-Ho-163m3

68-Er-166

Radionuclide Production Cross Section 0.000 To 948.2 %





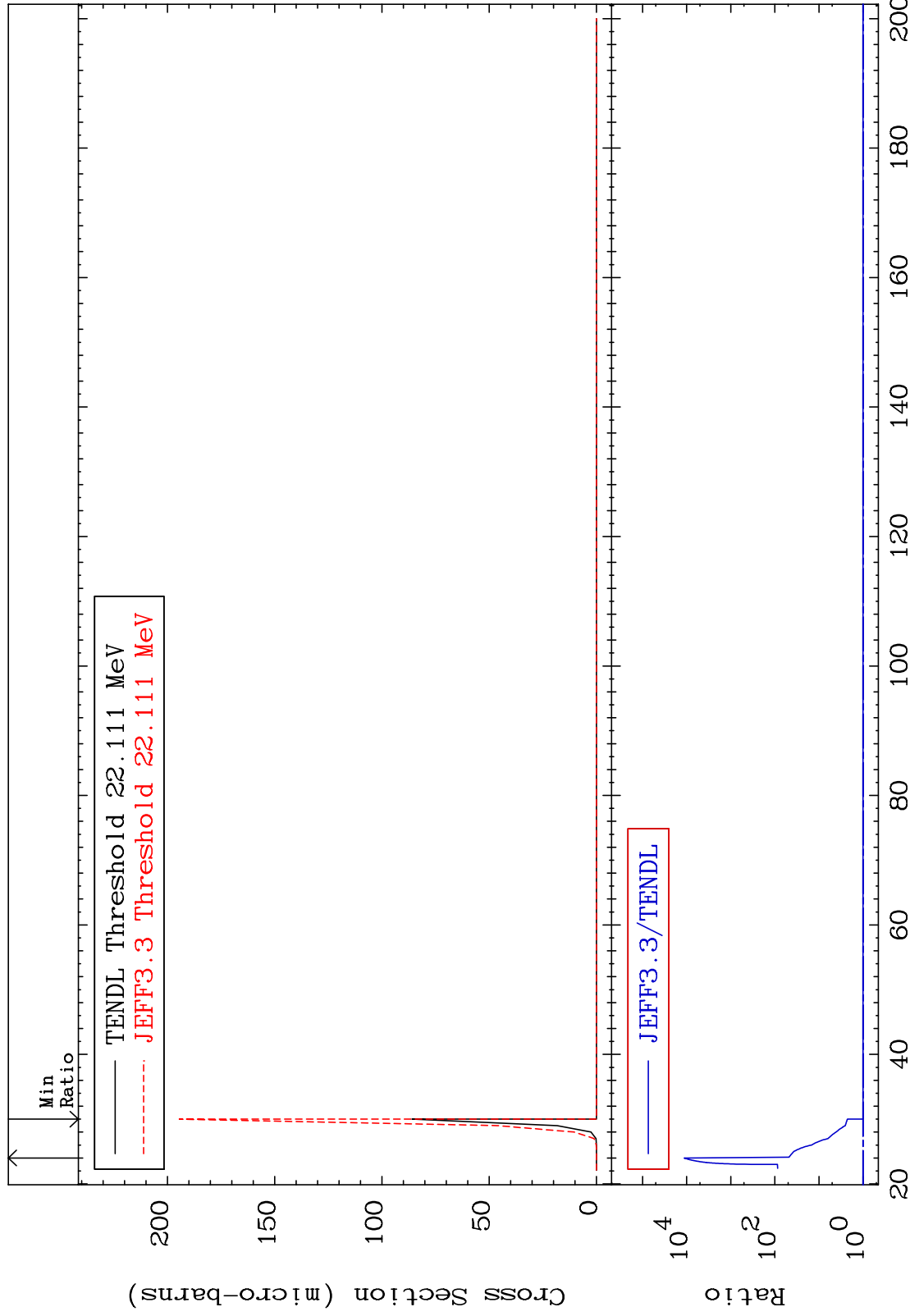


MAT 6837

(n,3n) p:67-Ho-163g

68-Er-166

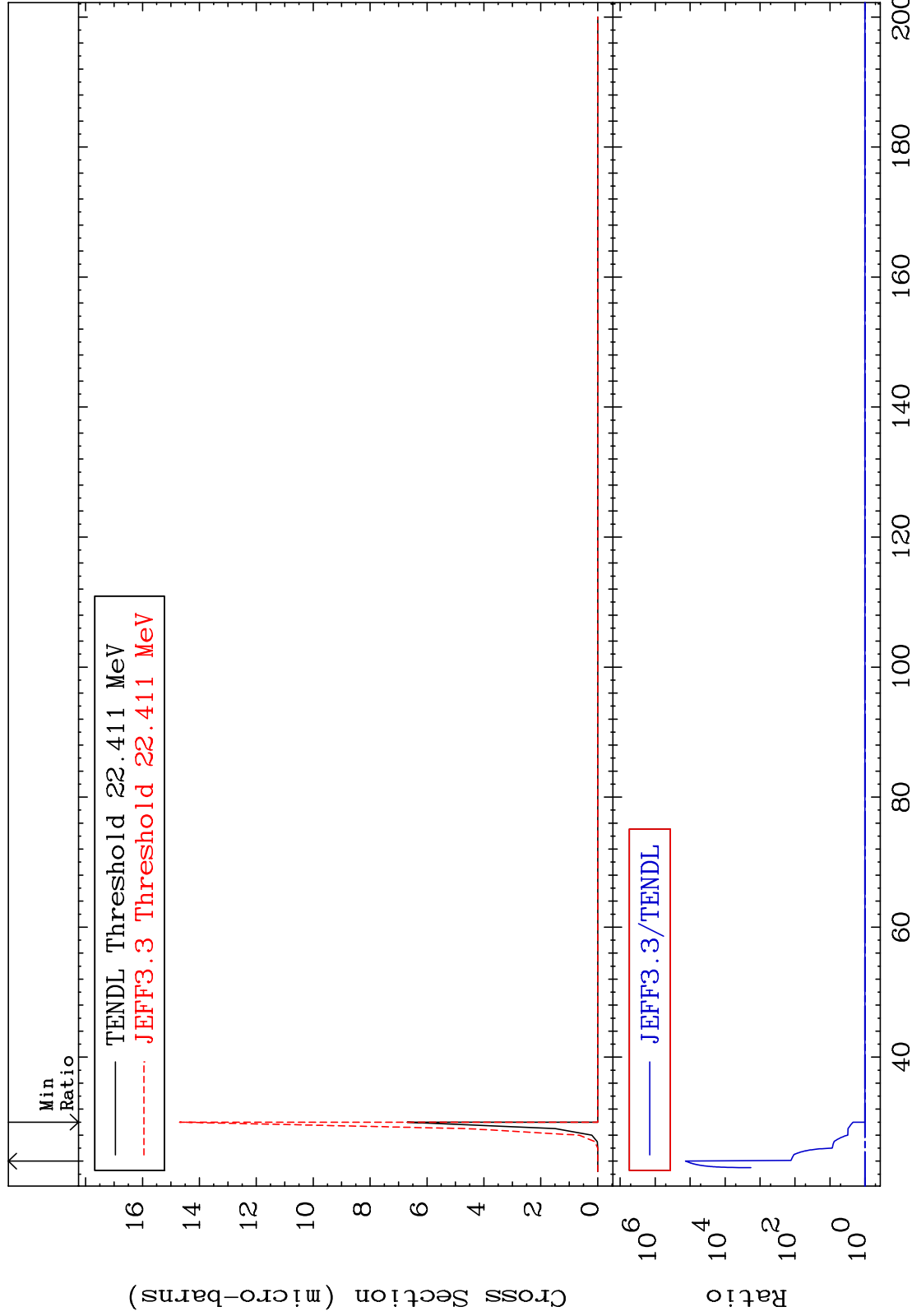
Radionuclide Production Cross Section 0.000 To 9999. %



88

Incident Energy (MeV)

68-Er-166

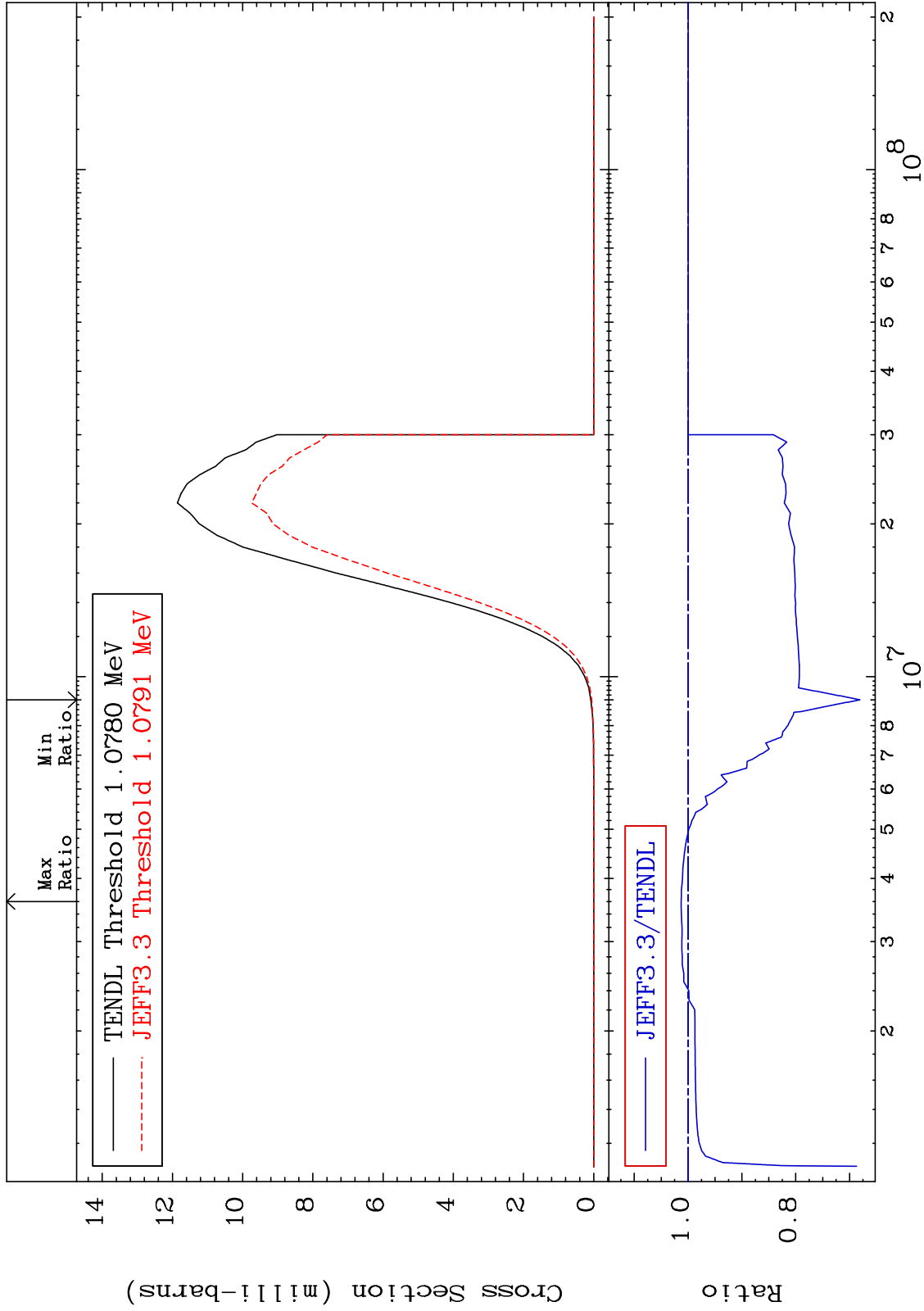


MAT 6837

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

68-Er-166

Radionuclide Production Cross Section -31.92 To 1.279 %



90

Incident Energy (eV)

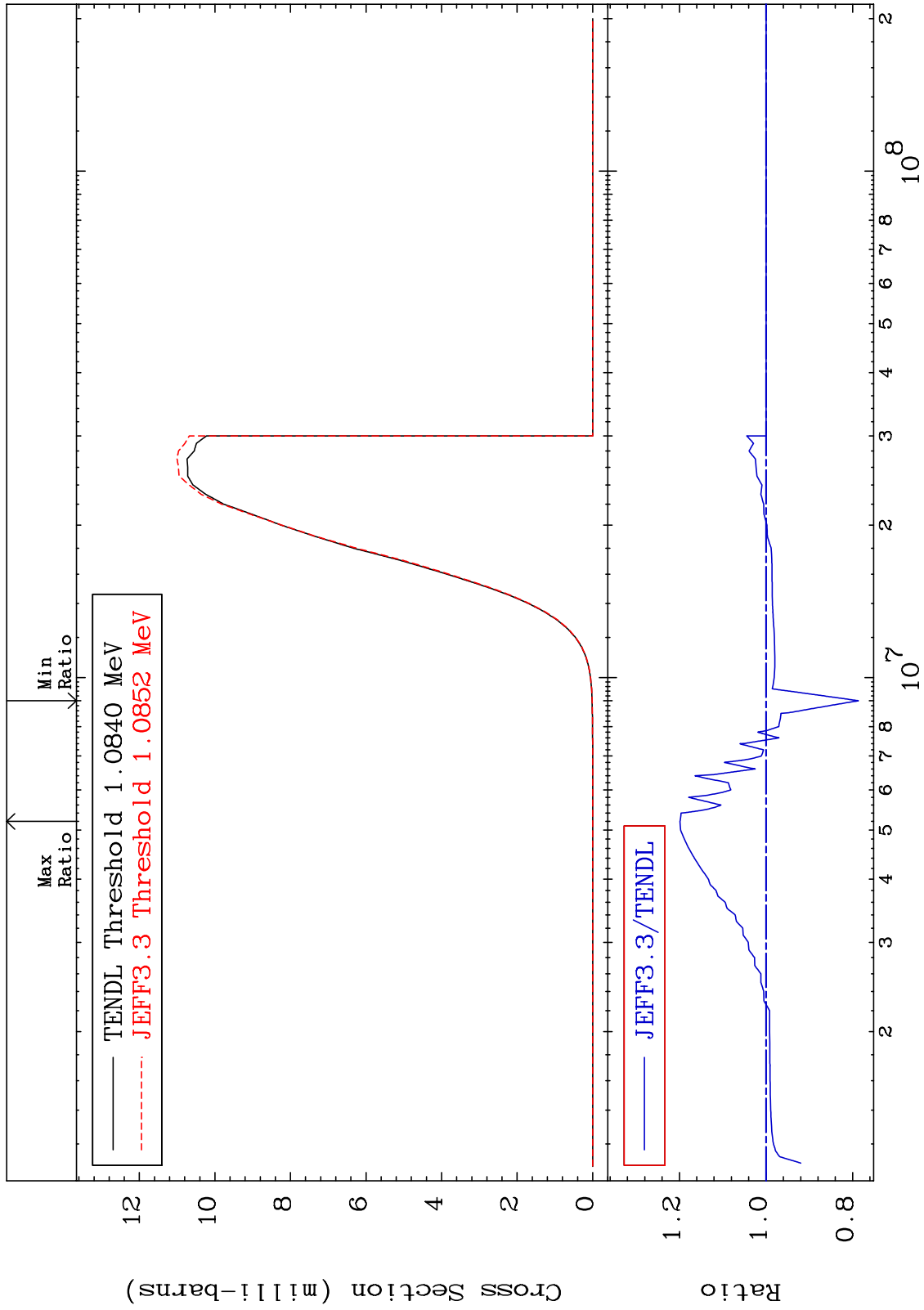
68-Er-166

MAT 6837

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

68-Er-166

Radionuclide Production Cross Section -21.33 To 19.86 %



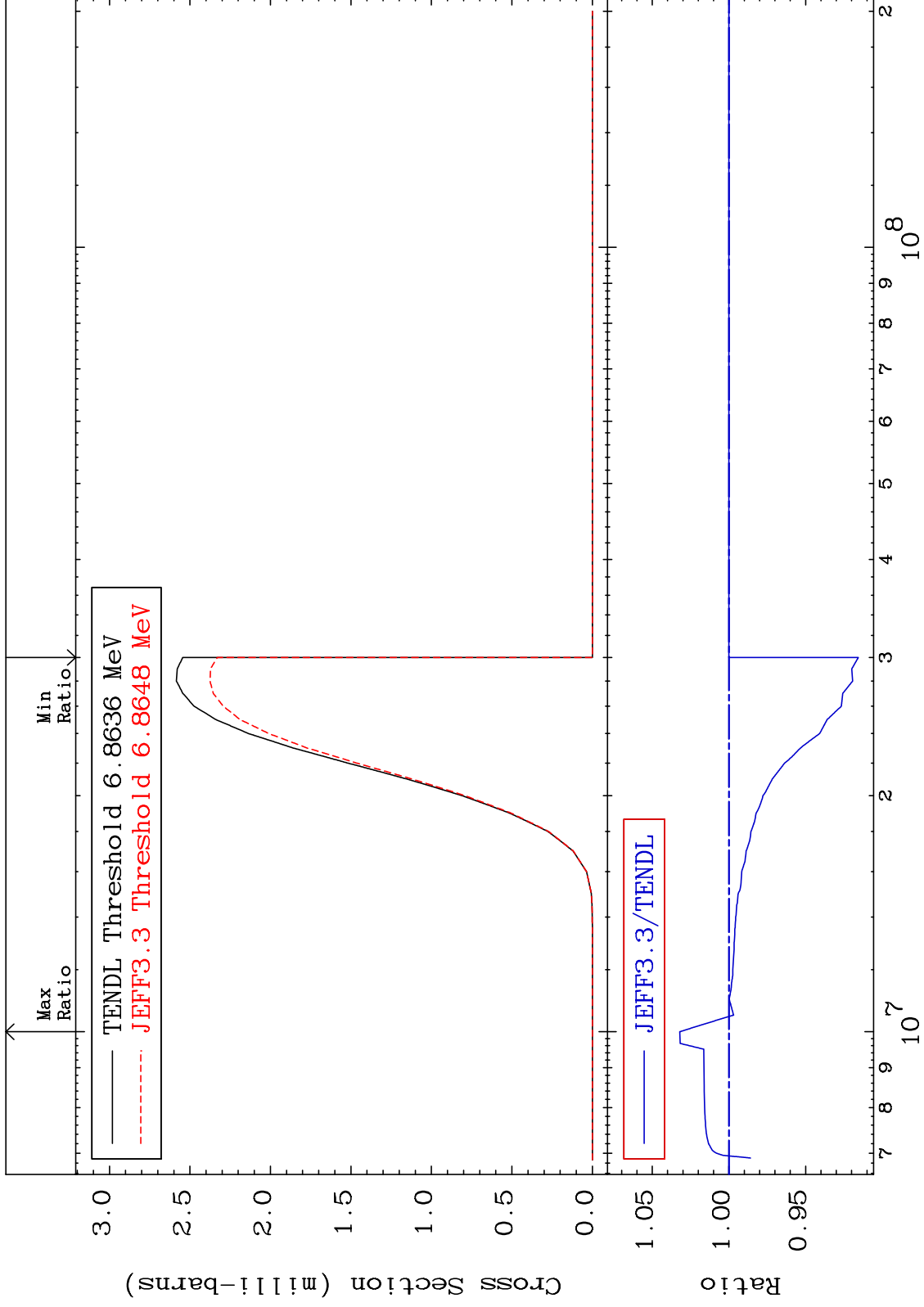
MAT 6837

(n, t): 67-Ho-164g

68-Er-166

Radionuclide Production Cross Section

-8.438 To 3.205 %



92

Incident Energy (eV)

68-Er-166

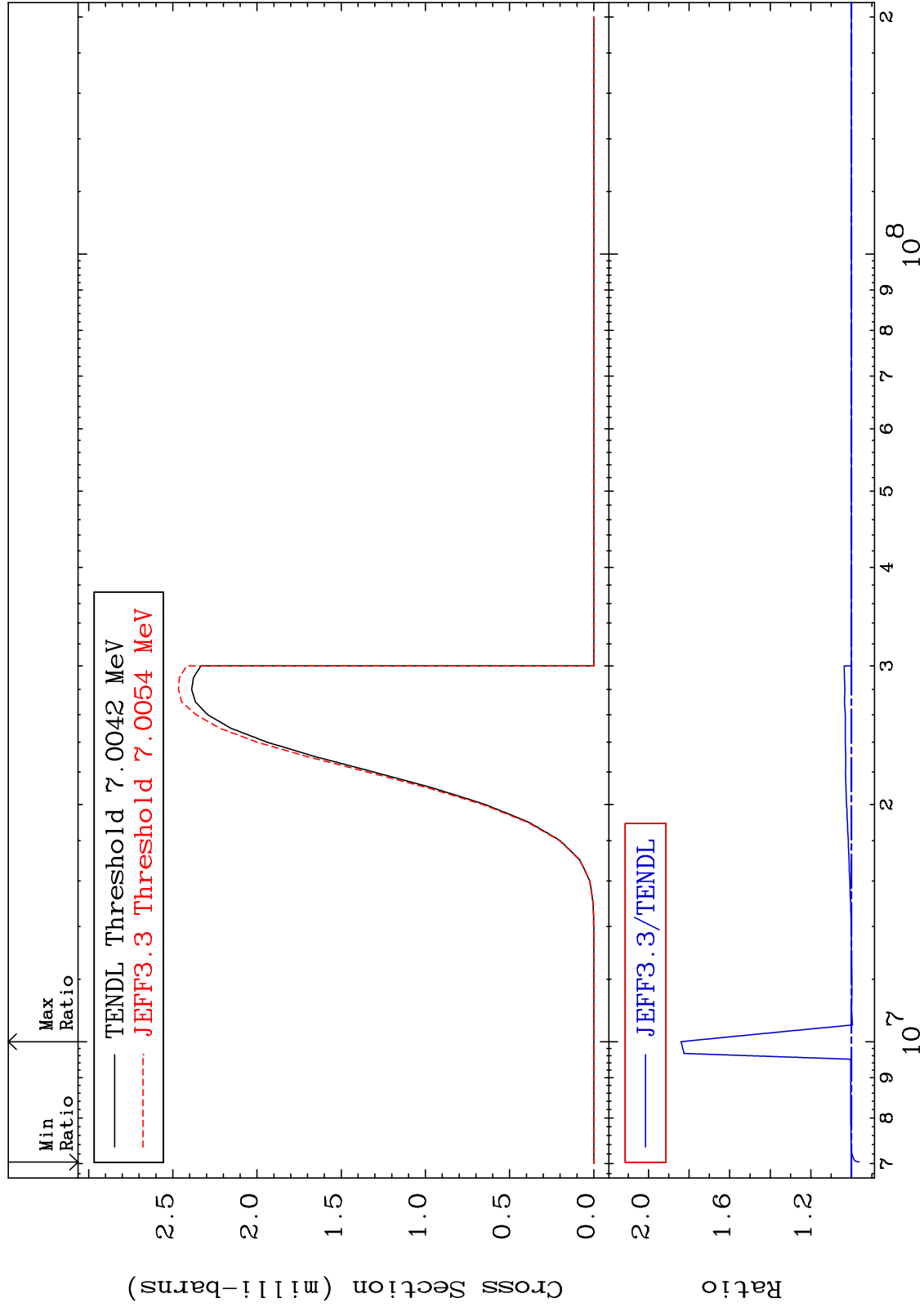
MAT 6837

(n, t): 67-Ho-164m3

68-Er-166

Radionuclide Production Cross Section

-3.838 To 83.95 %



MAT 6837

(n,2p):66-Dy-165g

68-Er-166

Radionuclide Production Cross Section -0.418 To 25.30 %

