

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

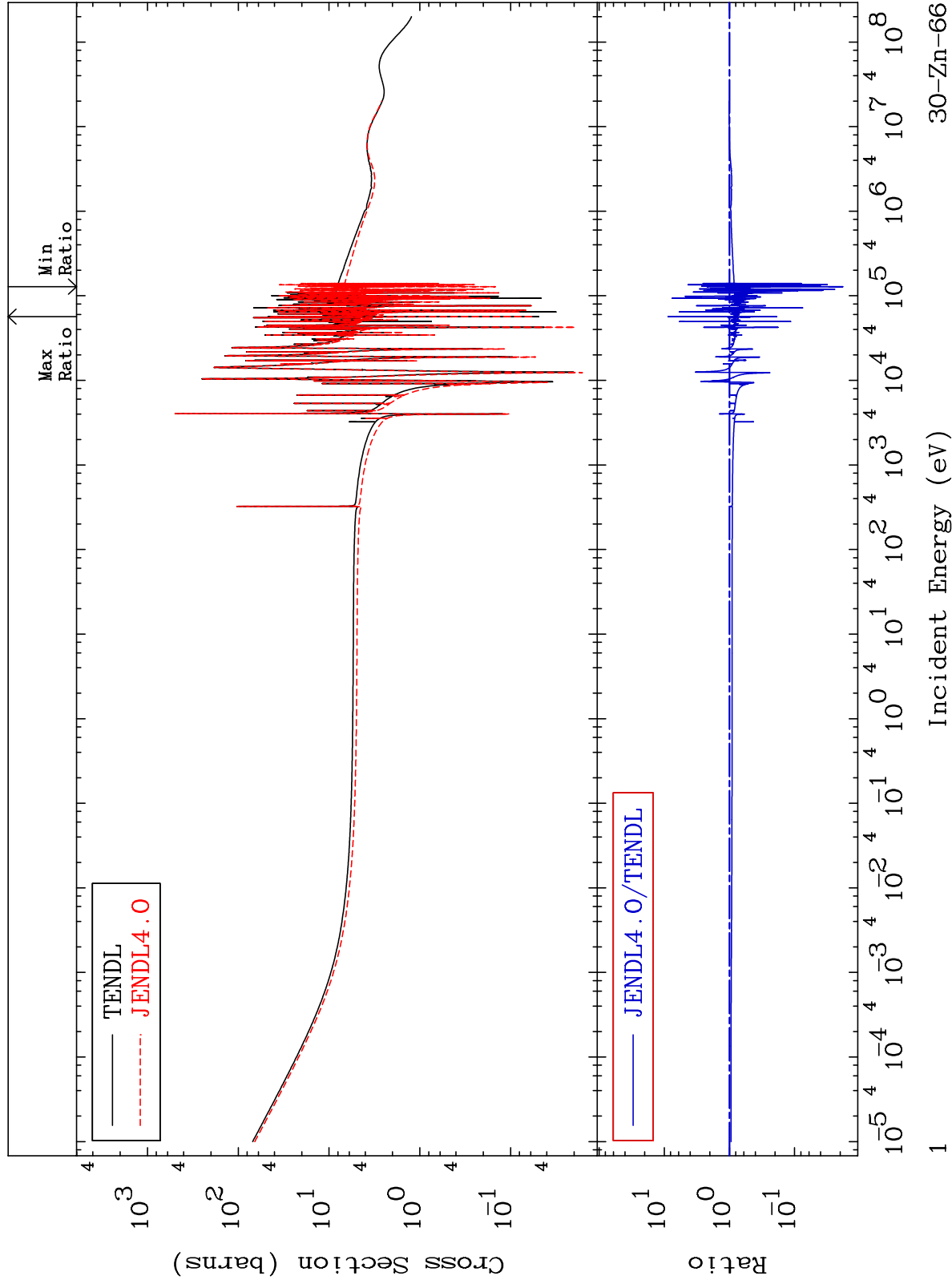
MAT 3031

Total

30-Zn-66

Cross Section

-98.18 To 774.8 %



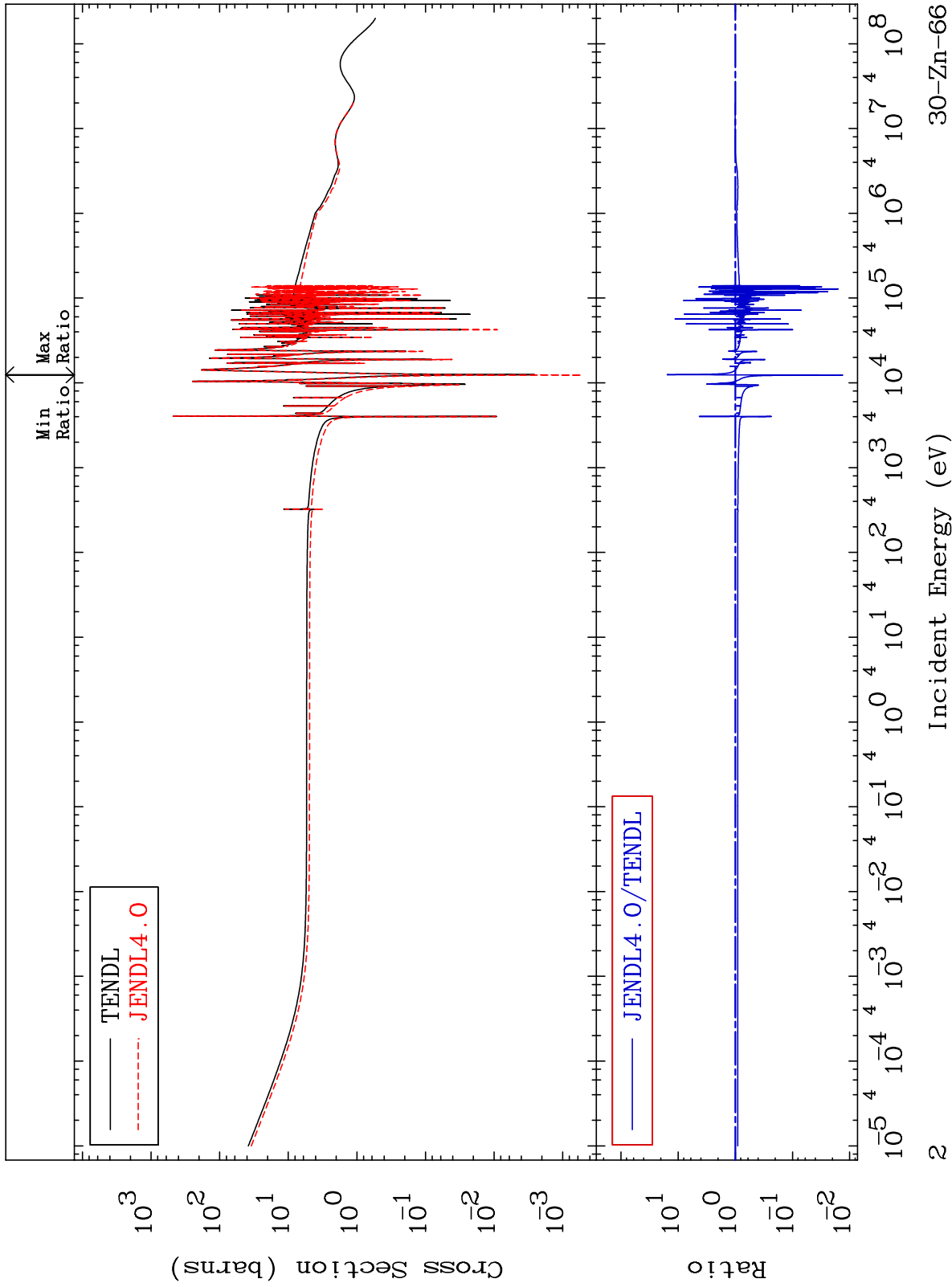
Incident Energy (eV)

30-Zn-66

MAT 3031

Elastic
Cross Section

30-Zn-66
-98.67 To 1444. %



Incident Energy (eV)

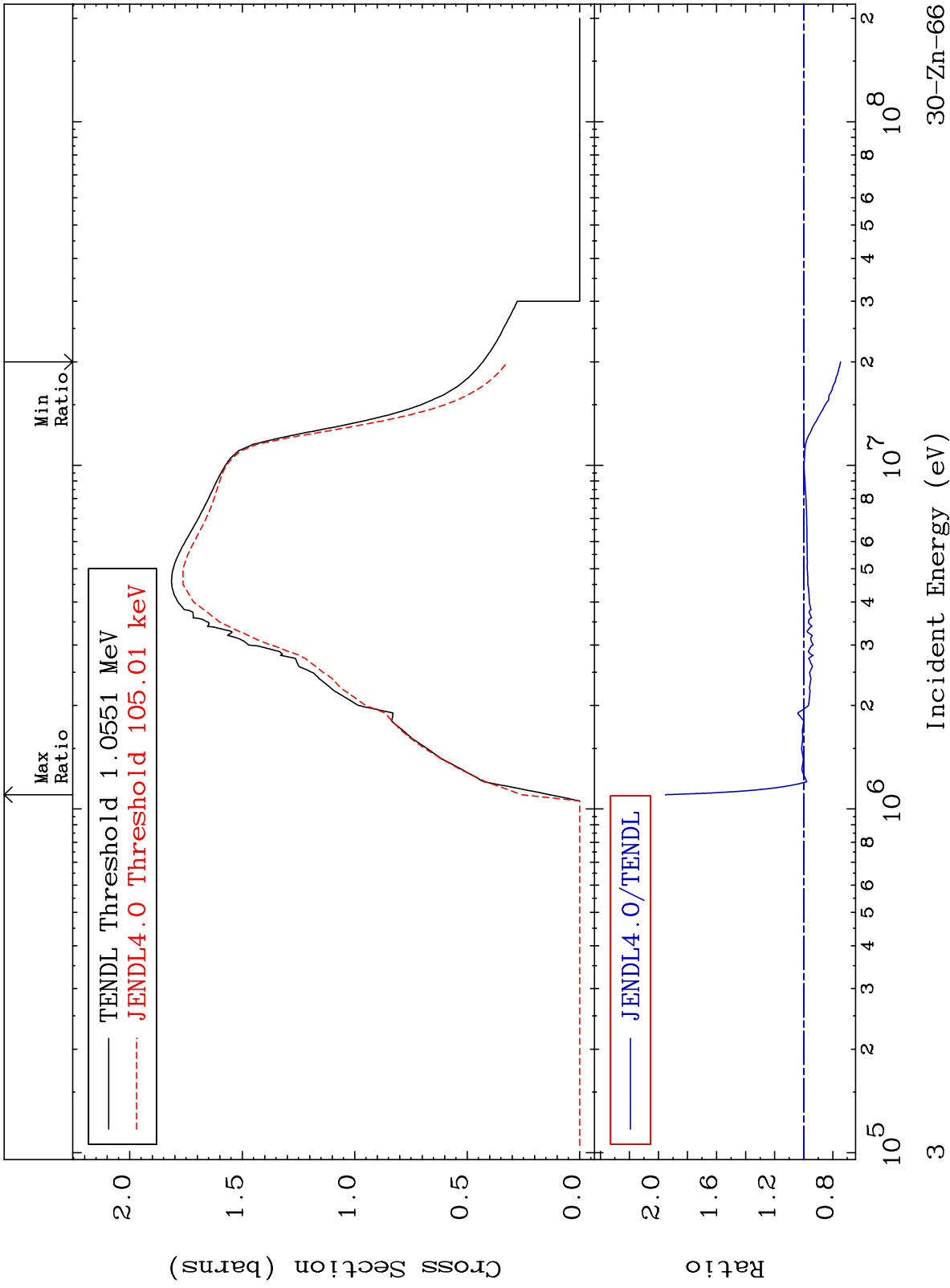
30-Zn-66

MAT 3031

Inelastic
Cross Section

30-Zn-66

-25.41 To 95.22 %



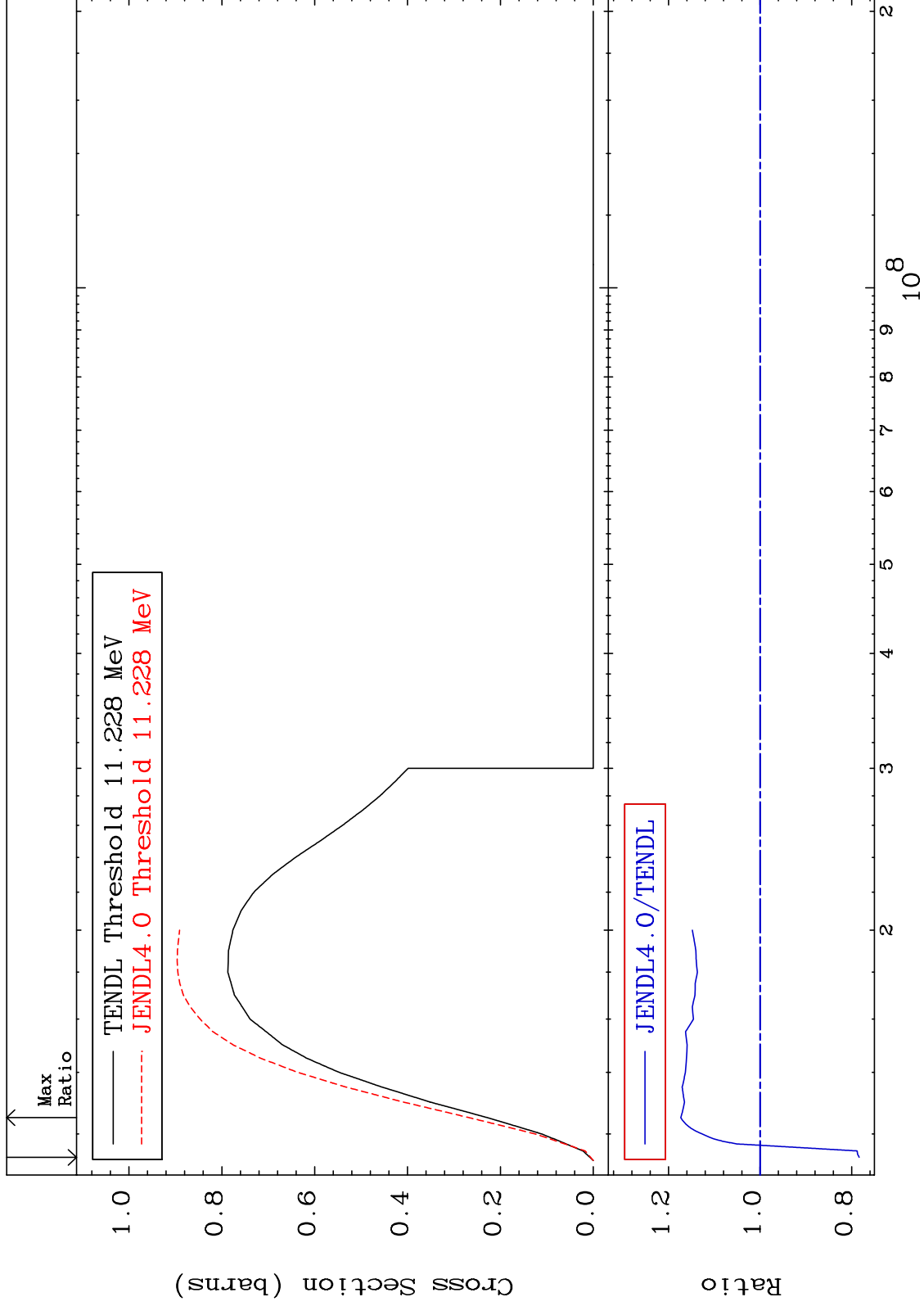
MAT 3031

(n,2n)

30-Zn-66

Cross Section

-21.63 To 17.36 %



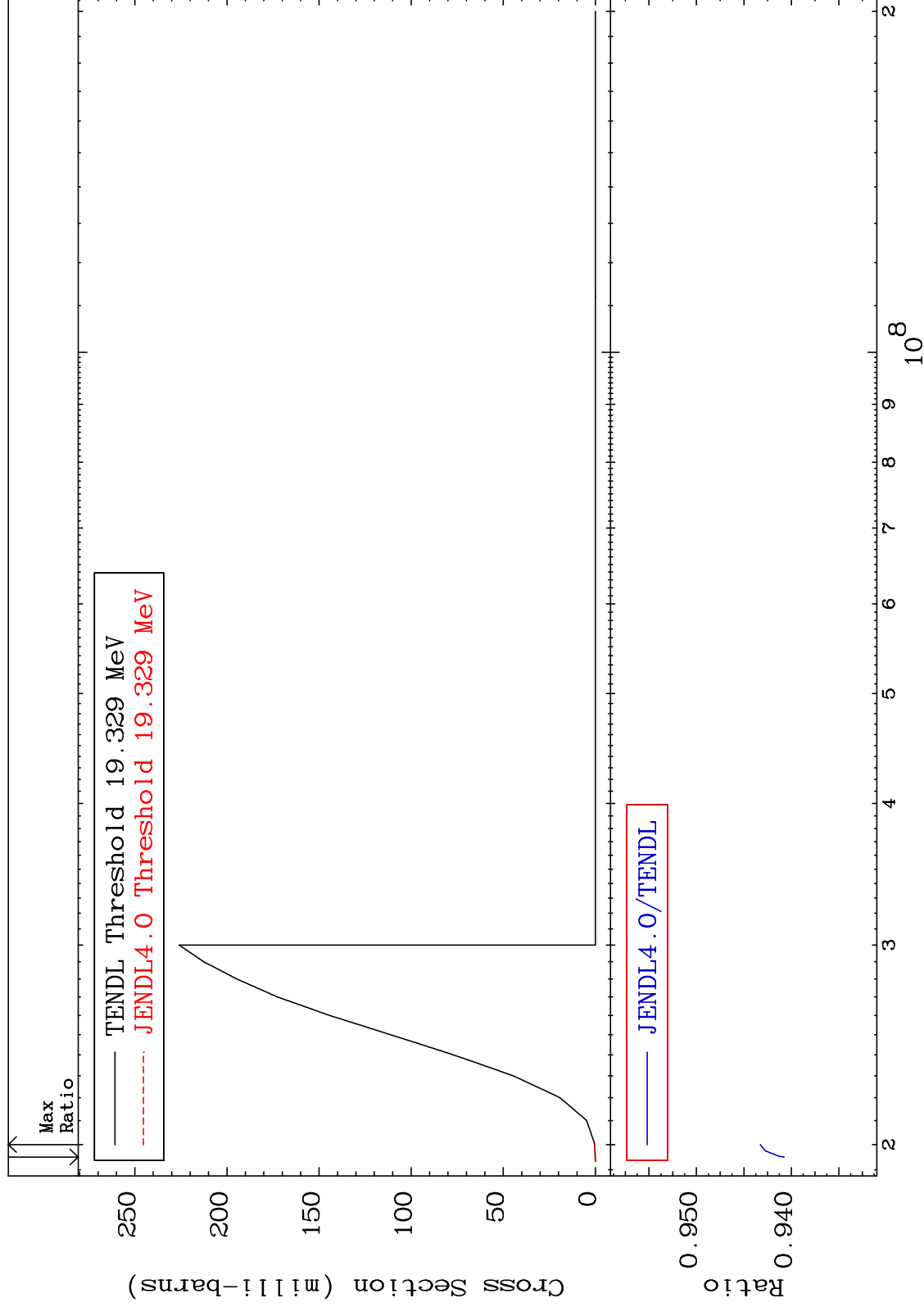
MAT 3031

(n,3n)

30-Zn-66

Cross Section

-5.924 To -5.673%



5

Incident Energy (eV)

30-Zn-66

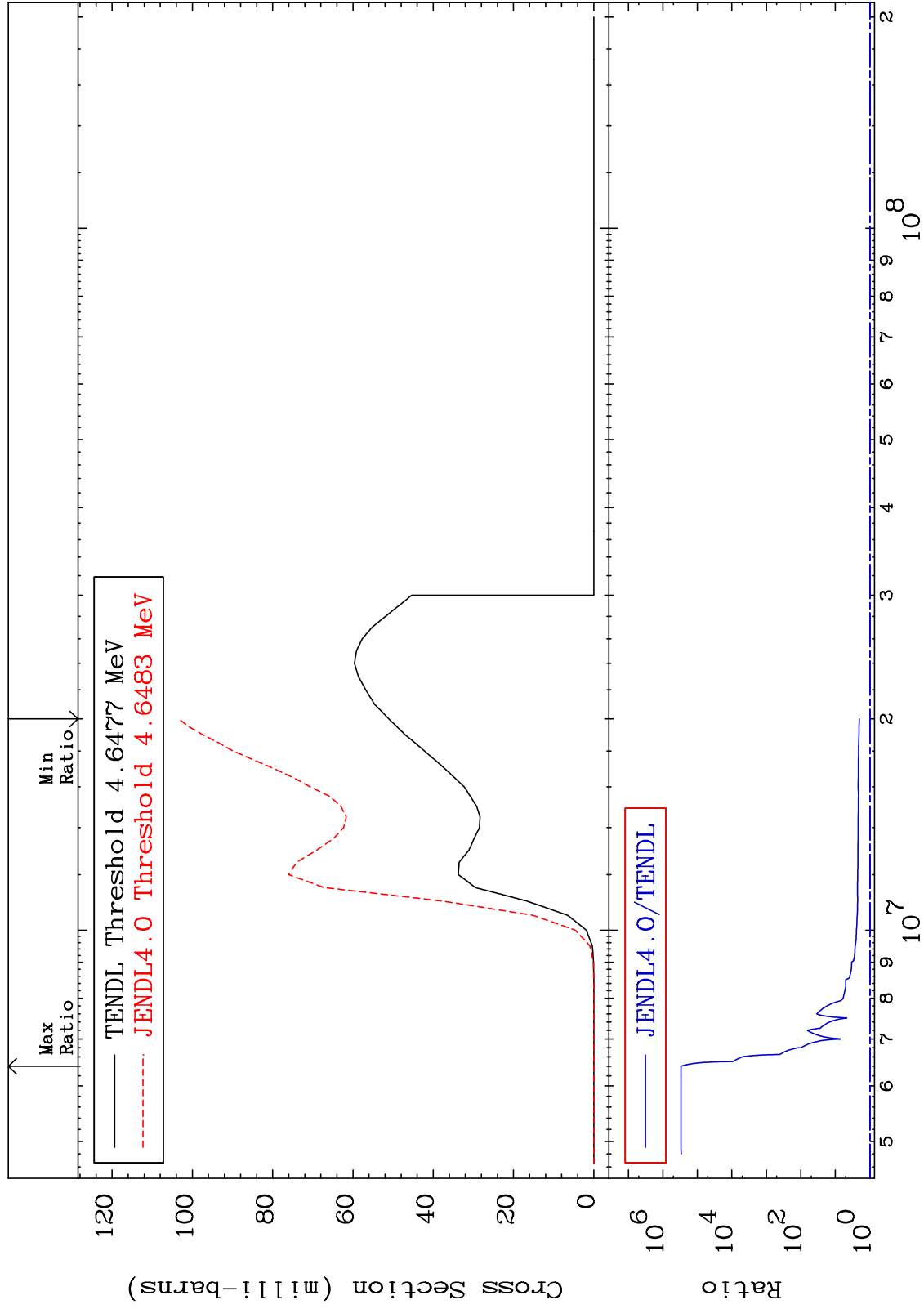
MAT 3031

(n,n') α

30-Zn-66

Cross Section

102.5 To 9999. %



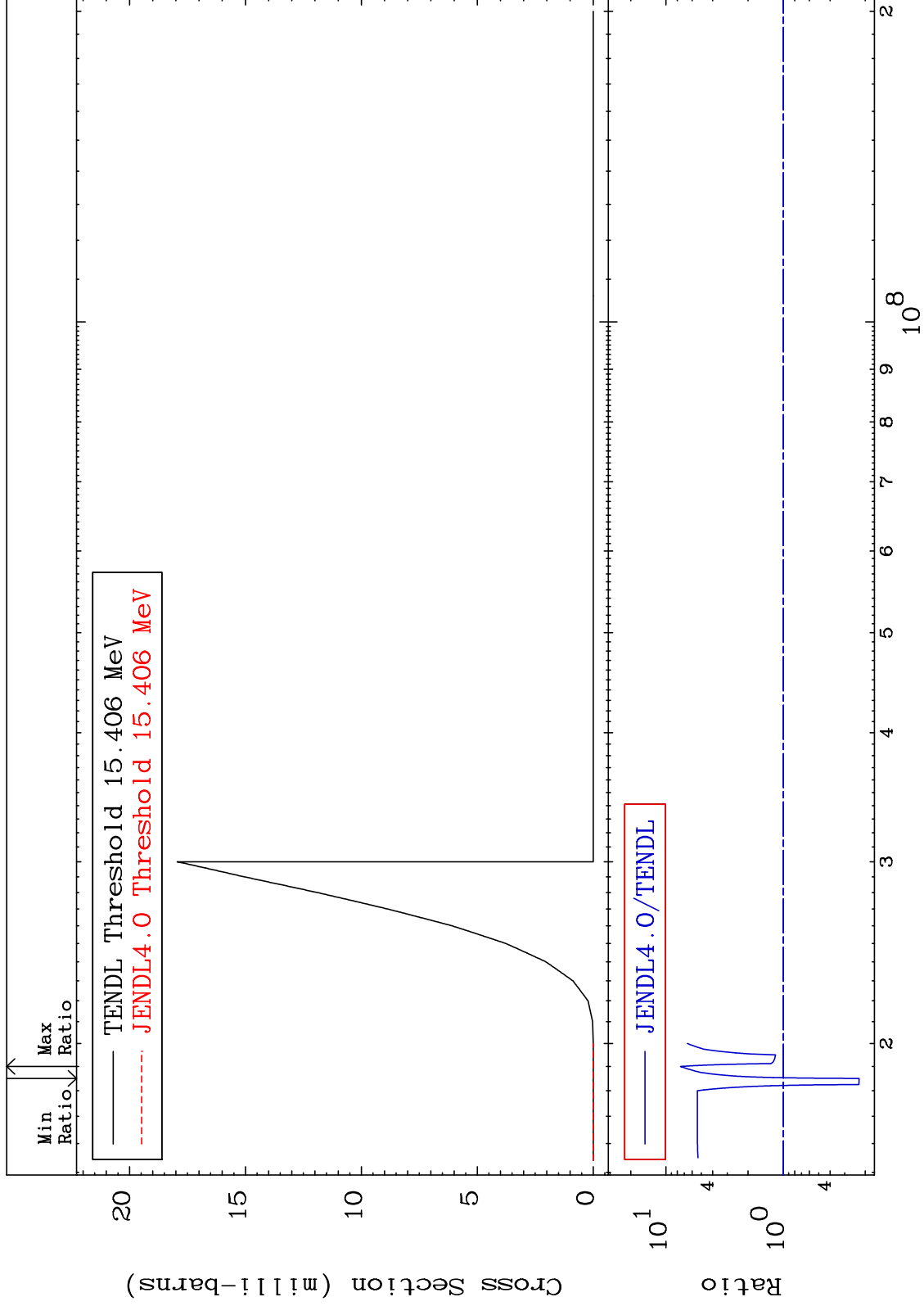
MAT 3031

(n,2n) α

30-Zn-66

Cross Section

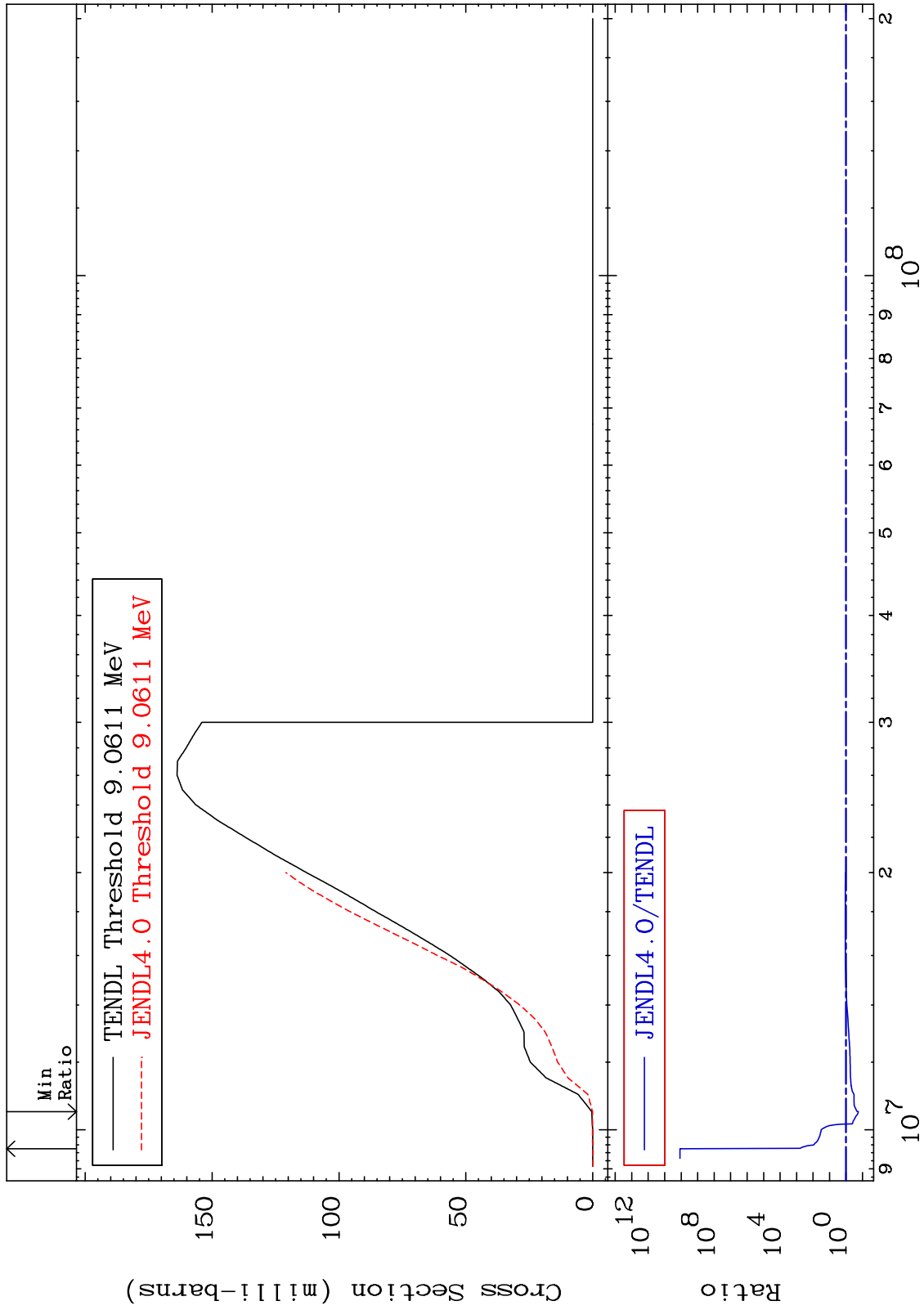
-77.43 To 650.6 %



MAT 3031

(n,n') p
Cross Section

30-Zn-66
-82.28 To 9999. %



8

Incident Energy (eV)

30-Zn-66

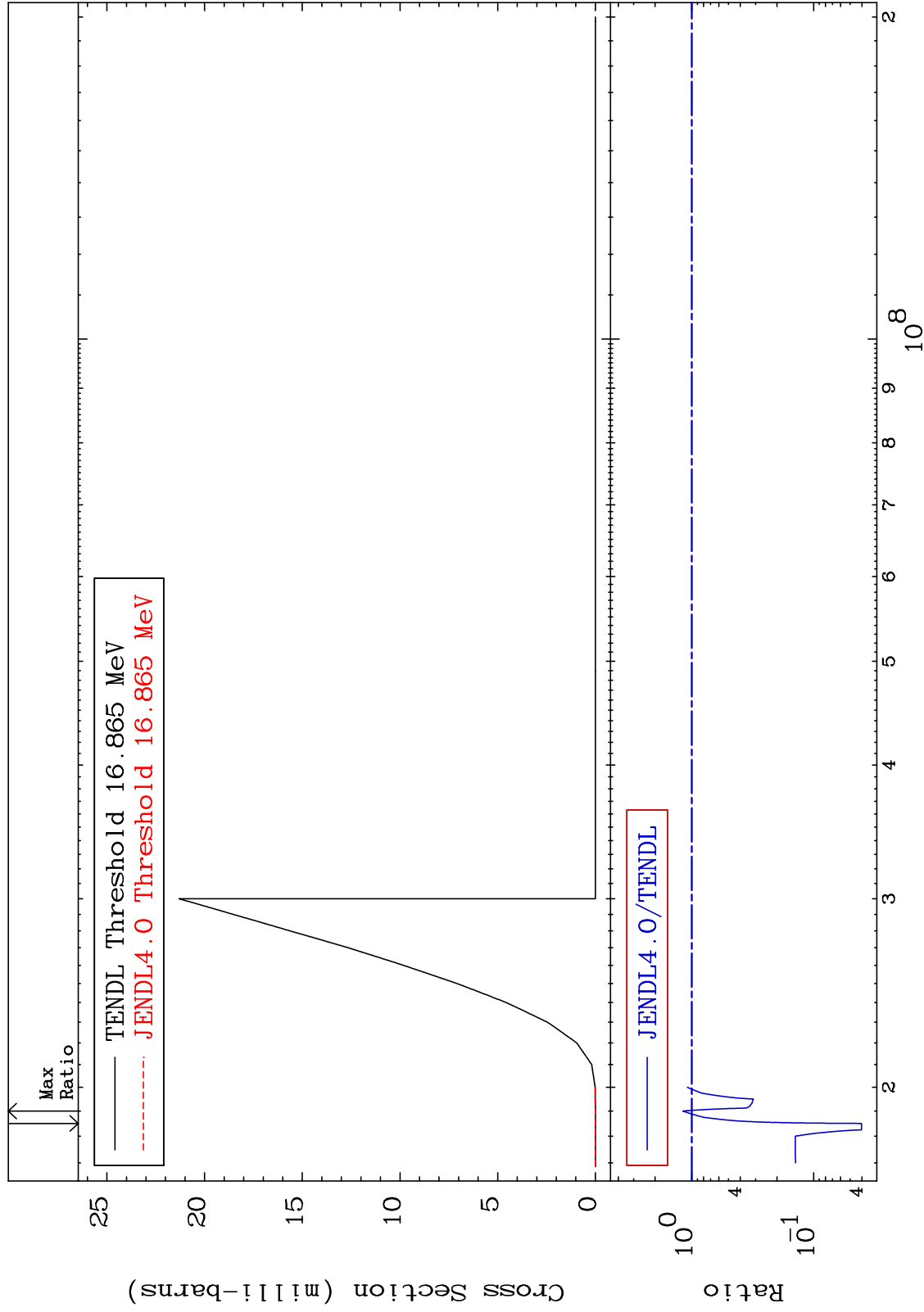
MAT 3031

(n,n') d

30-Zn-66

Cross Section

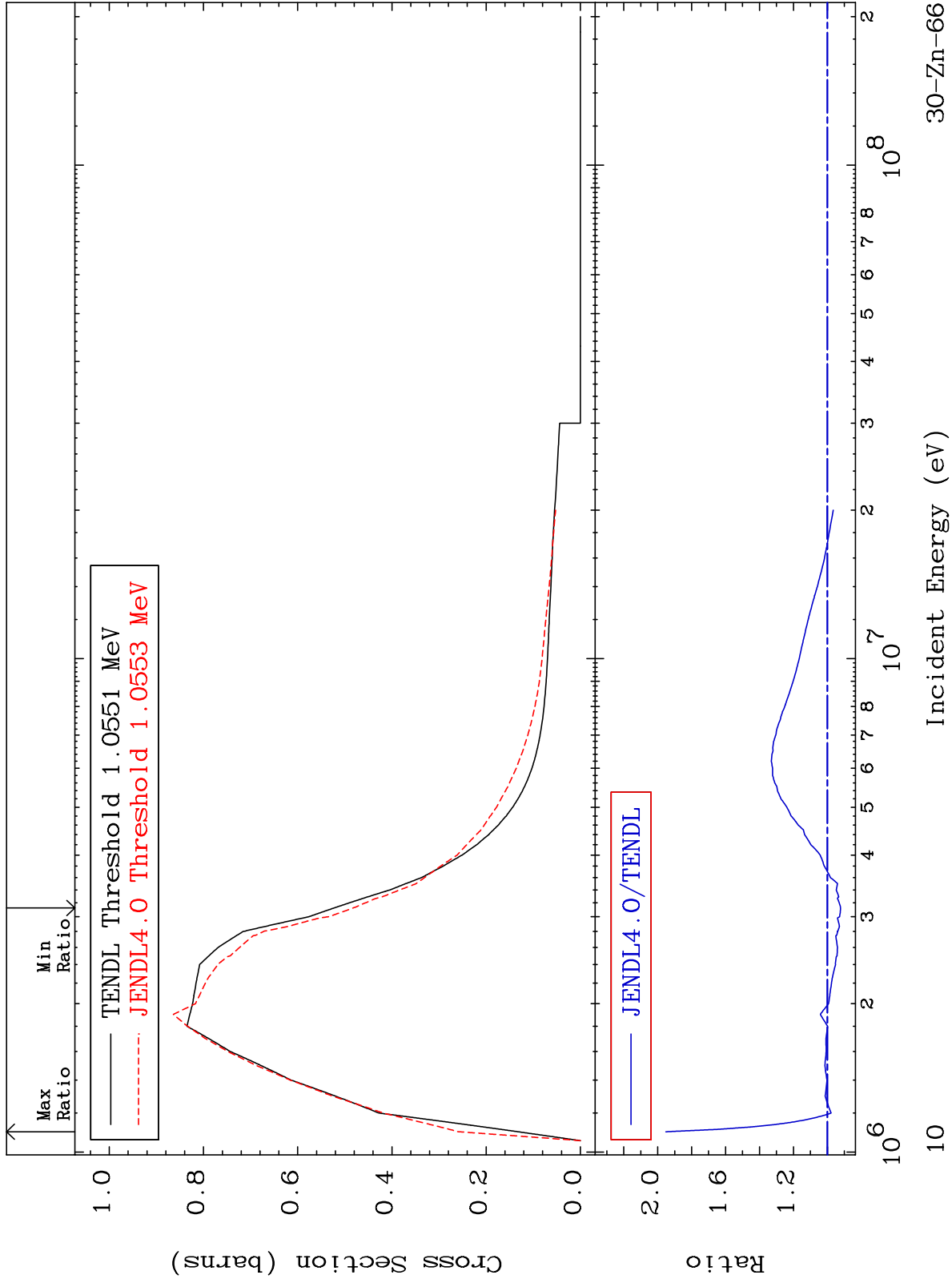
-95.96 To 18.34 %



MAT 3031

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

30-Zn-66
-7.768 To 95.20 %



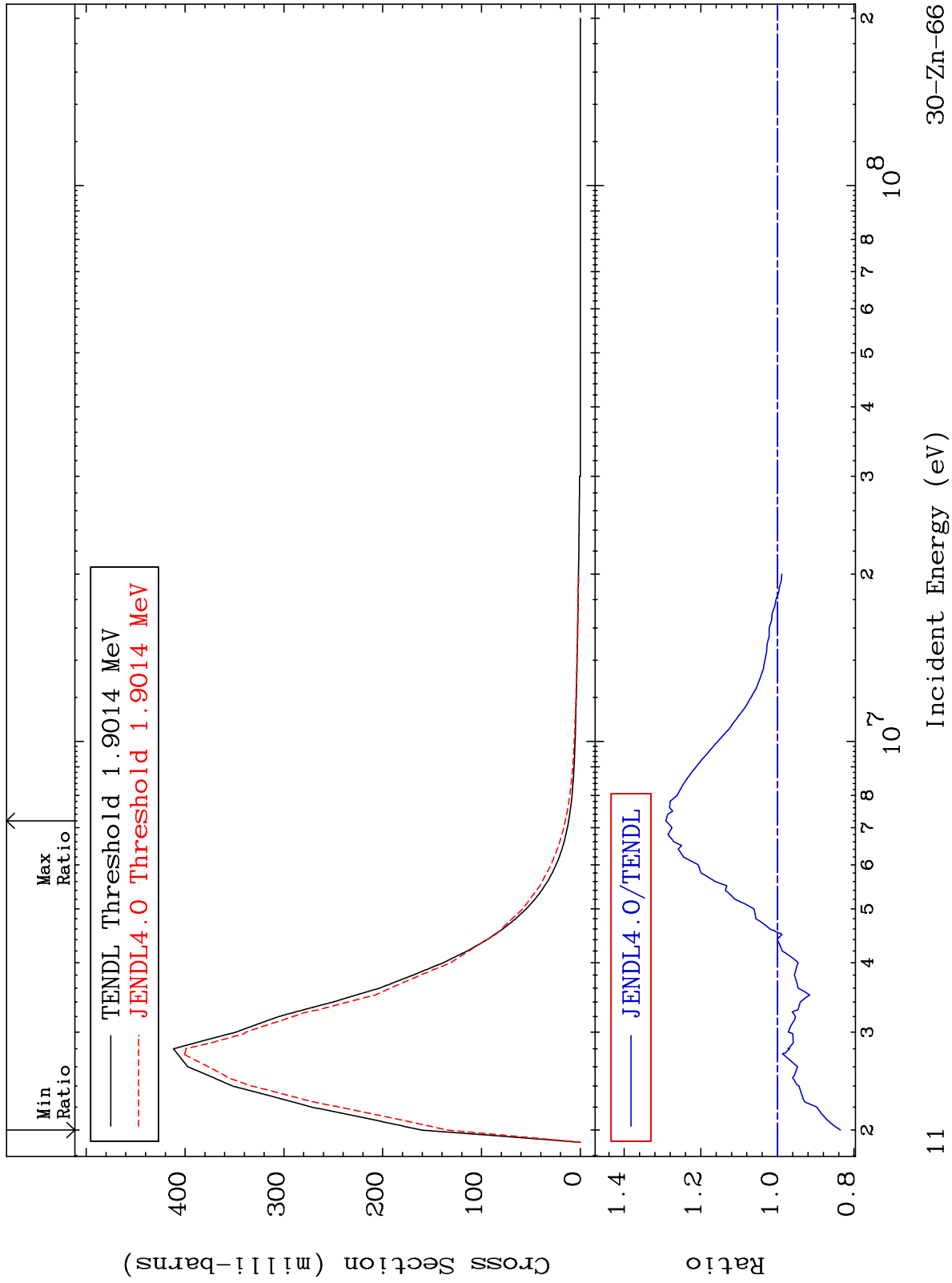
30-Zn-66

Incident Energy (eV)

MAT 3031

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

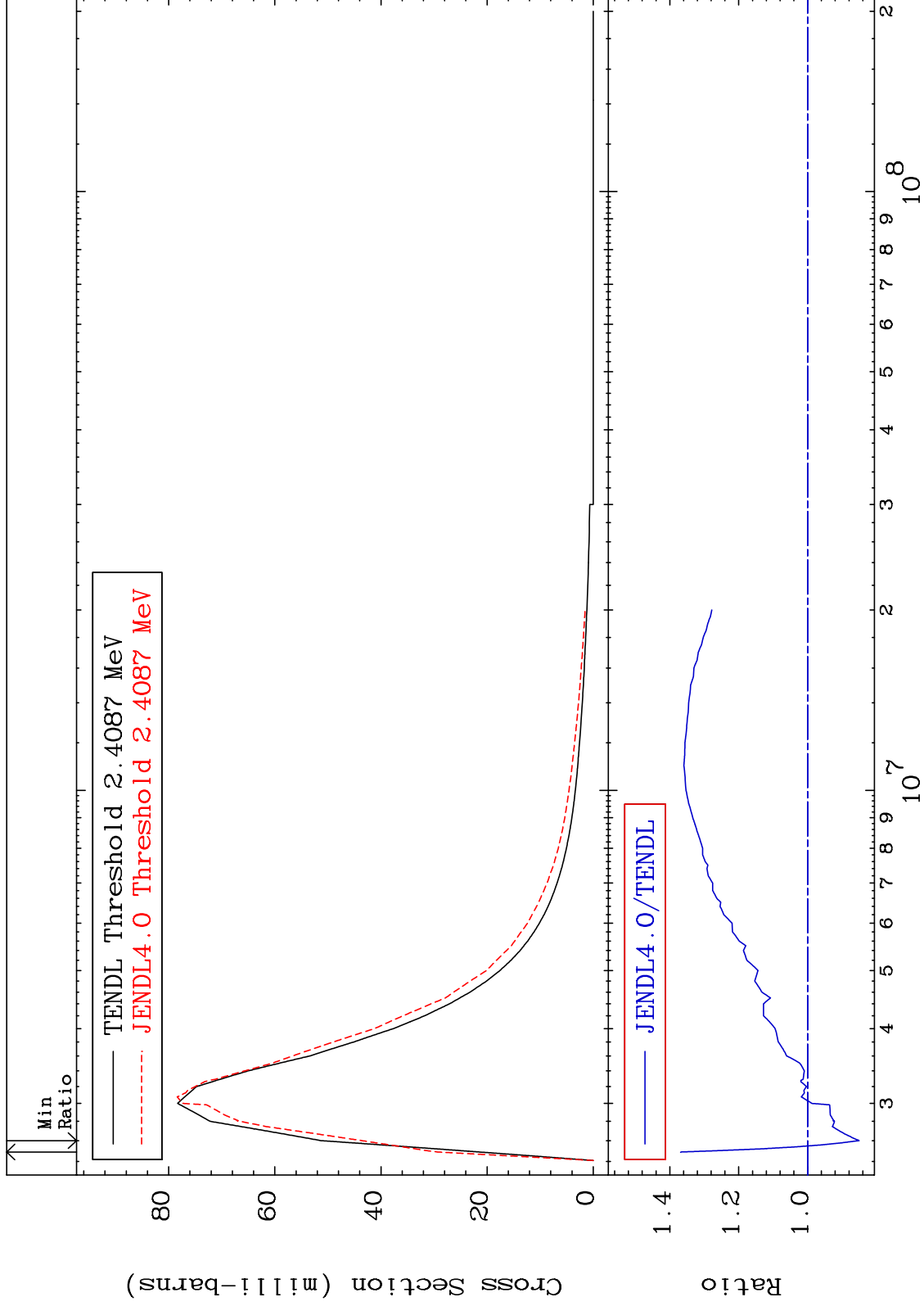
30-Zn-66
-16.48 To 29.13 %



MAT 3031

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

30-Zn-66
-14.95 To 36.86 %



12

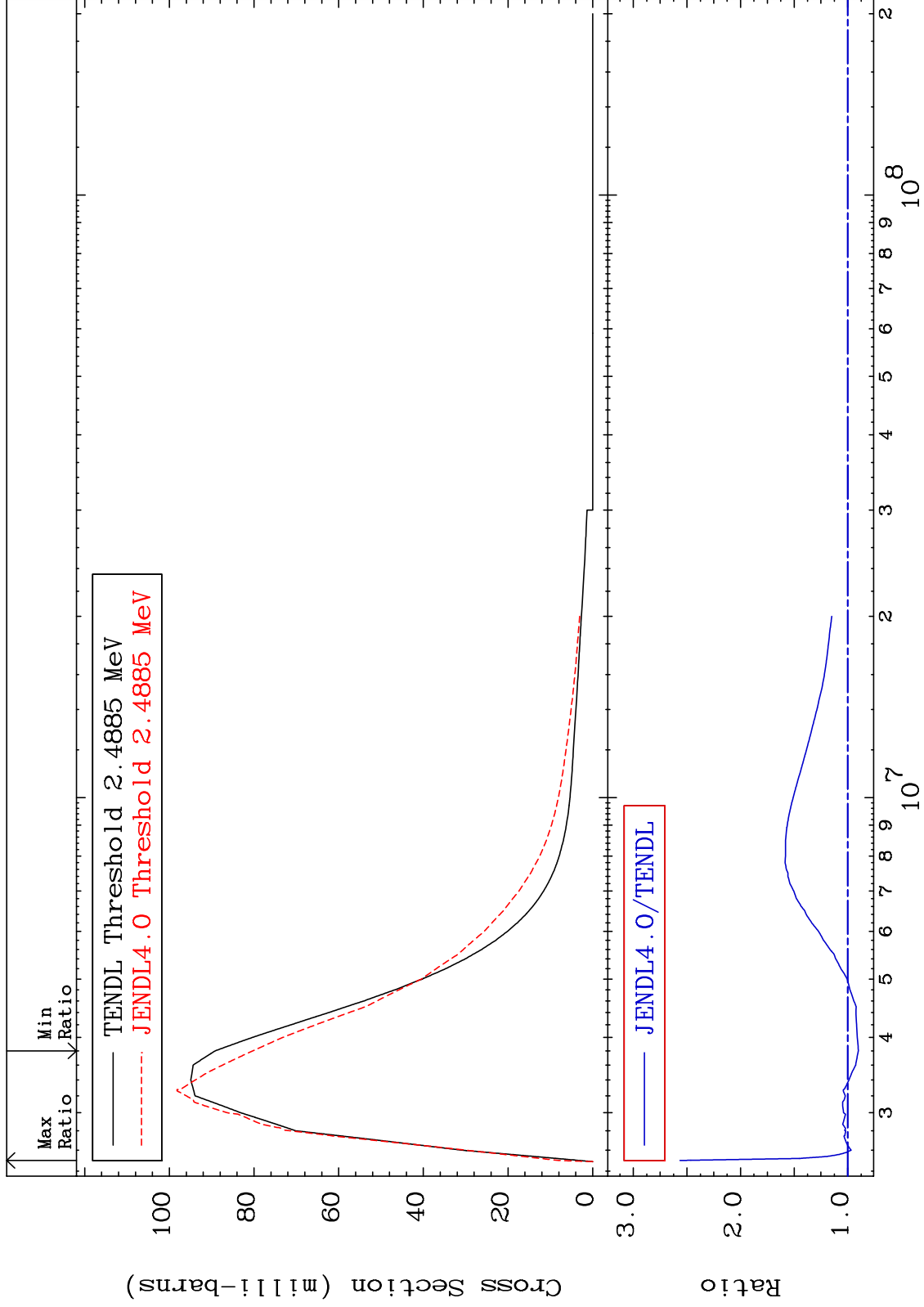
Incident Energy (eV)

30-Zn-66

MAT 3031

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

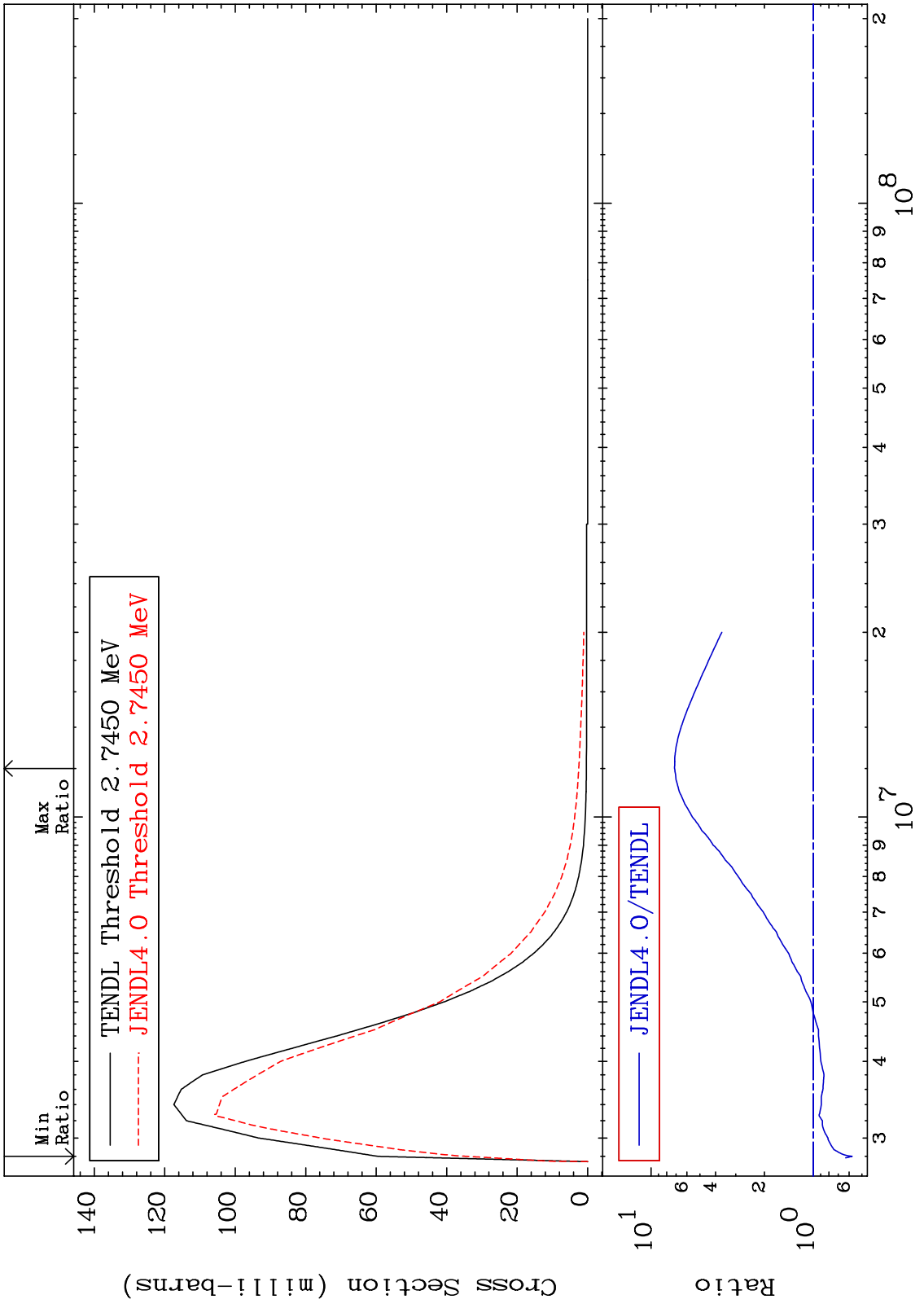
30-Zn-66
-9.955 To 156.5 %



MAT 3031

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

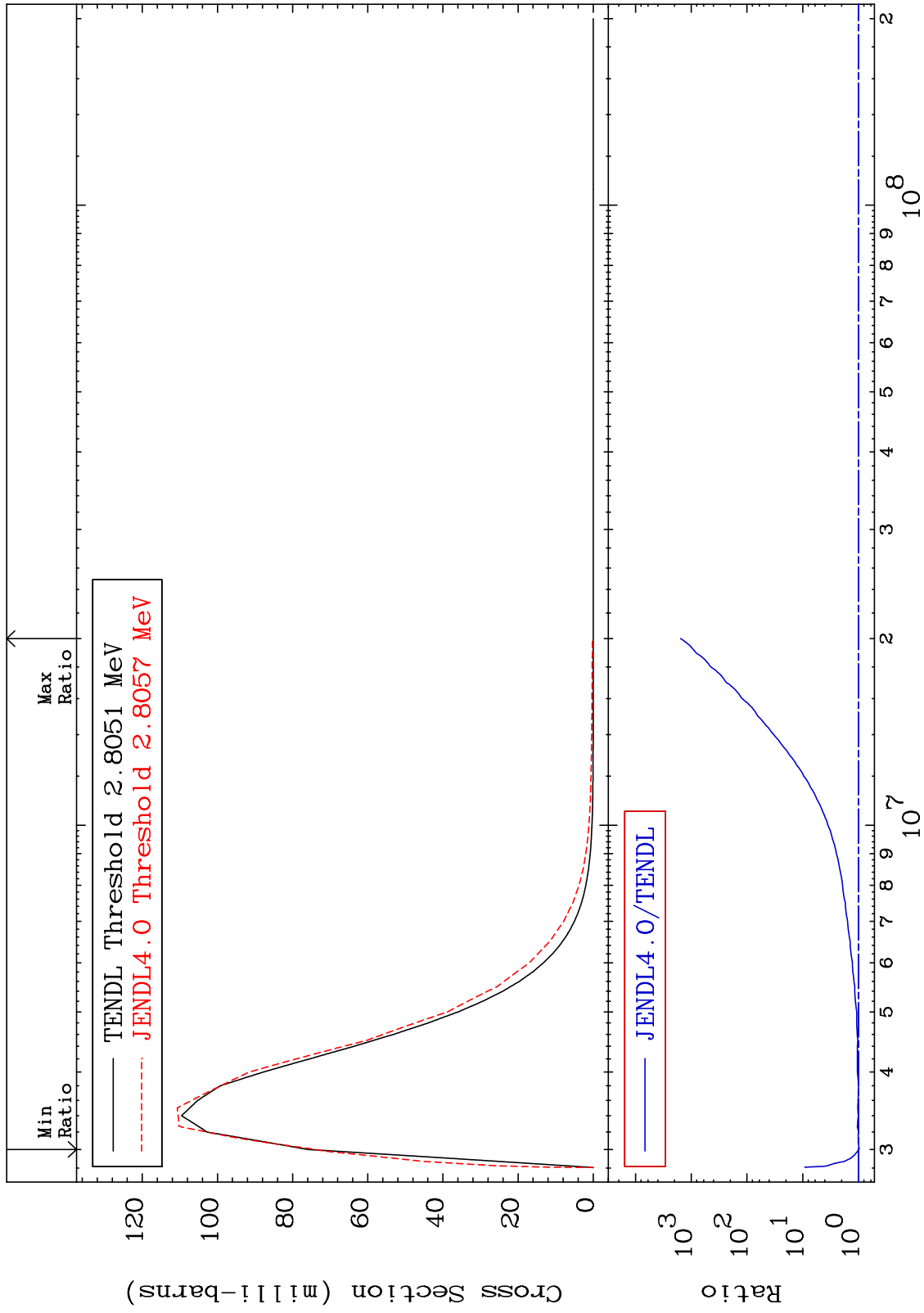
30-Zn-66
-42.52 To 615.5 %



MAT 3031

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

30-Zn-66
-2.816 To 9999. %



15

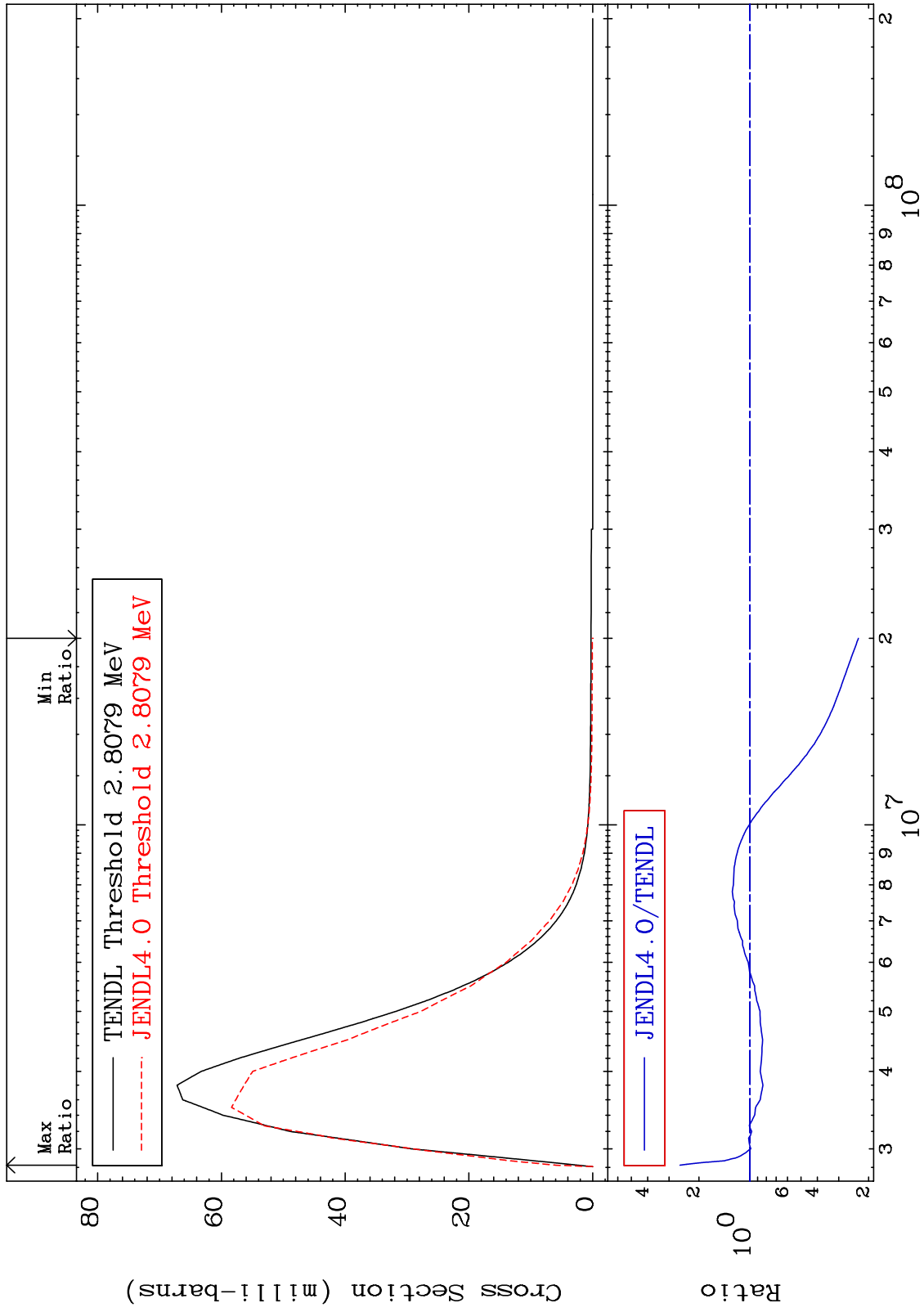
Incident Energy (eV)

30-Zn-66

MAT 3031

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

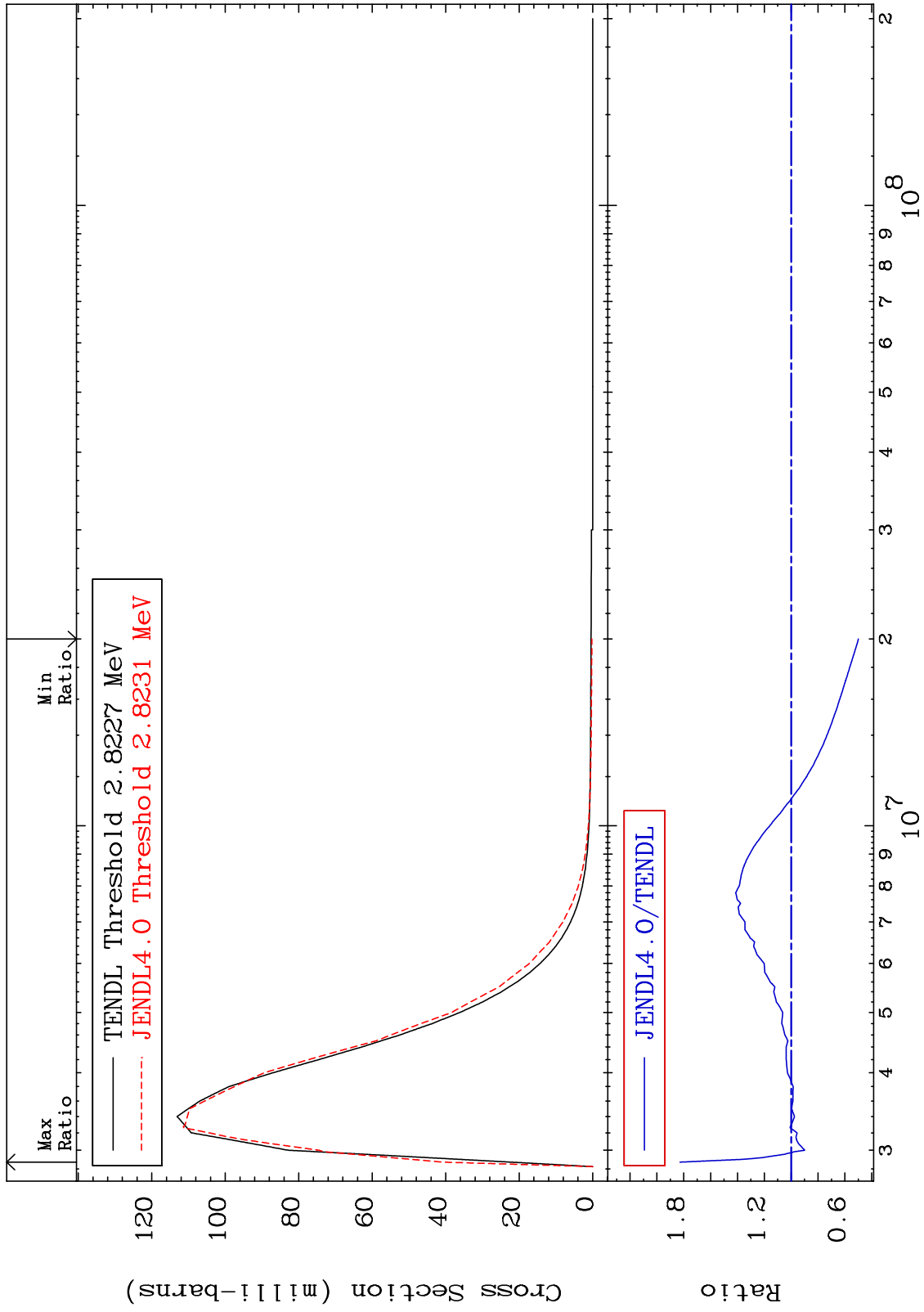
30-Zn-66
-77.05 To 158.1 %



MAT 3031

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

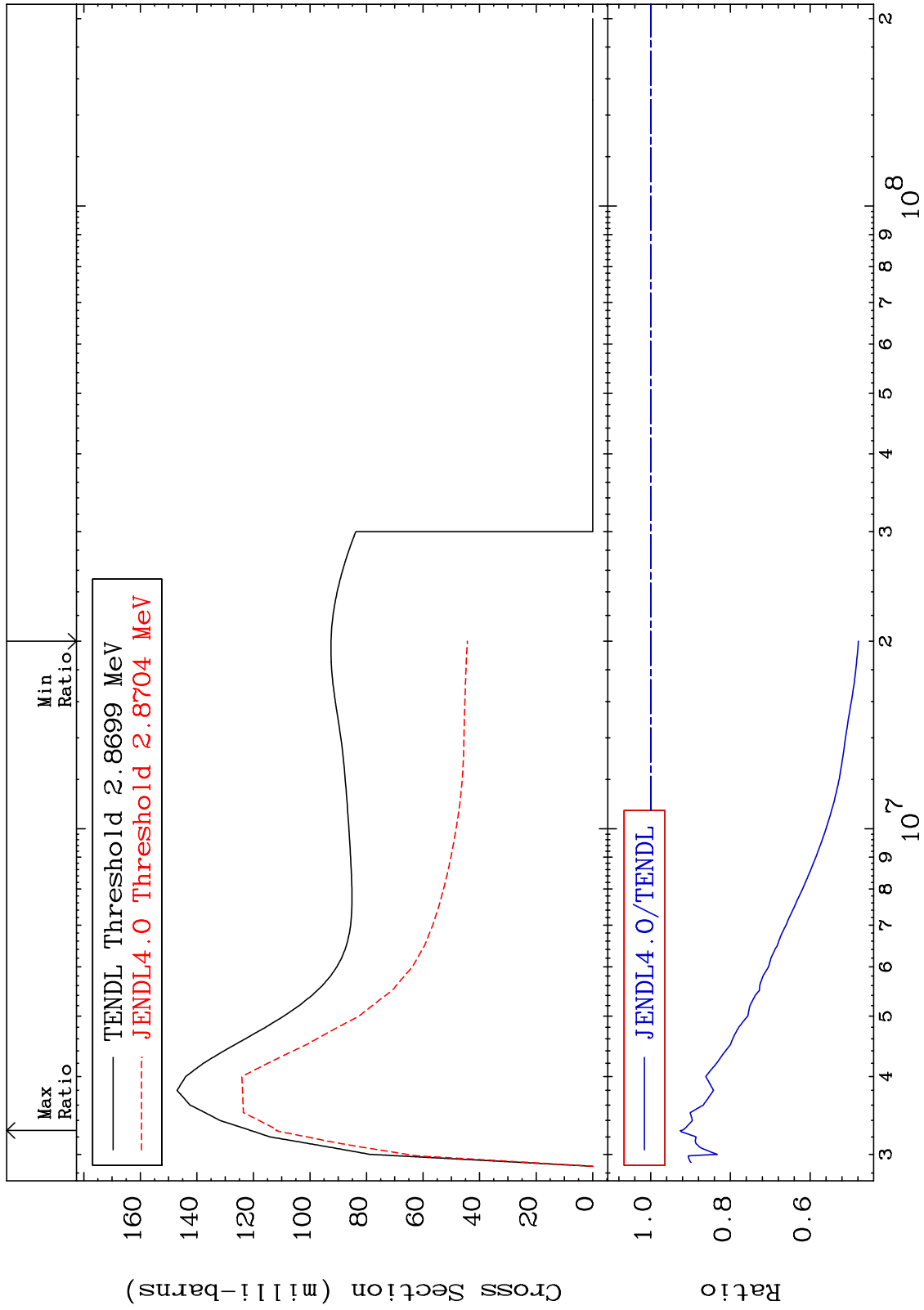
30-Zn-66
-50.09 To 82.78 %



MAT 3031

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

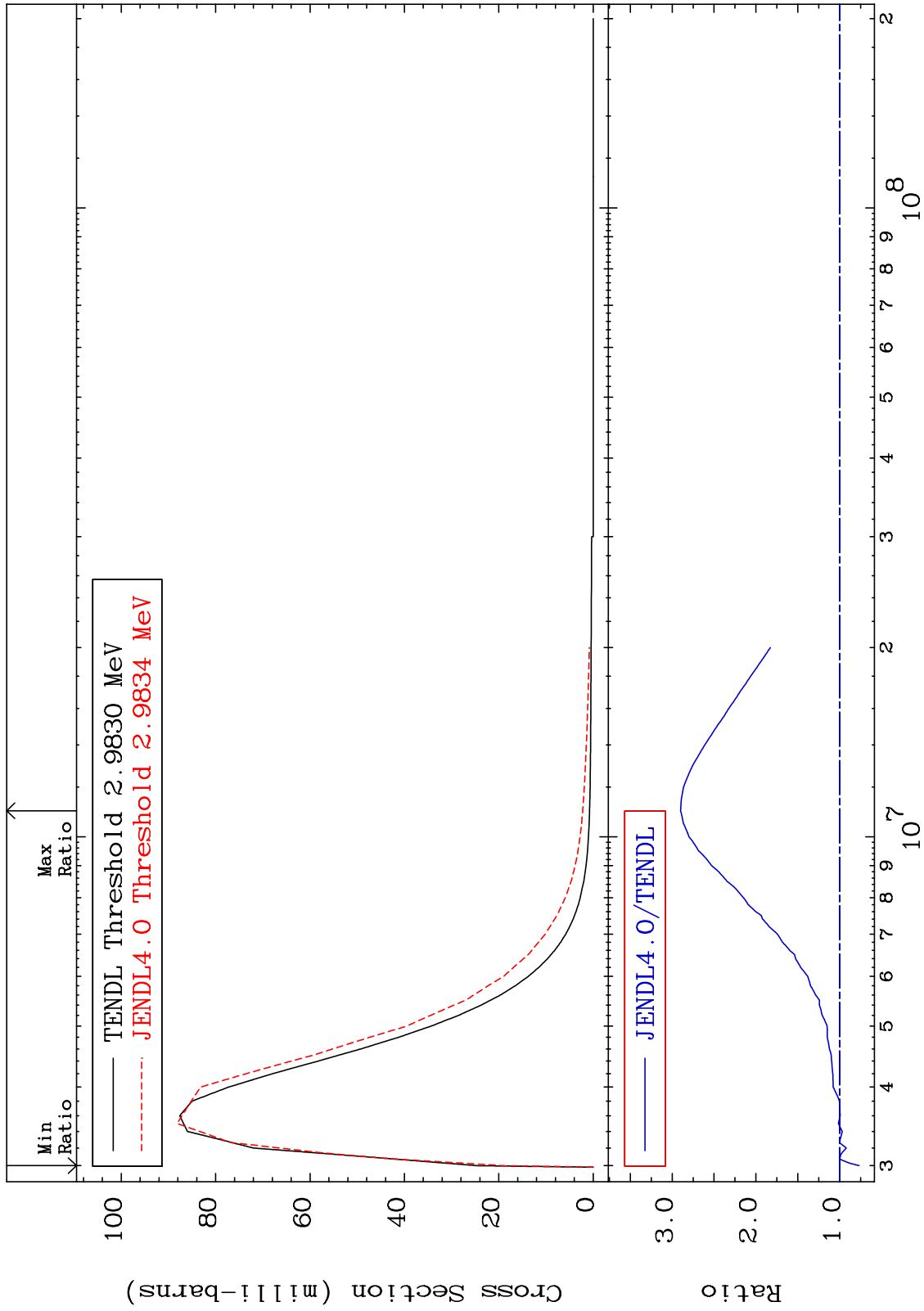
30-Zn-66
-52.12 To -7.353%



MAT 3031

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

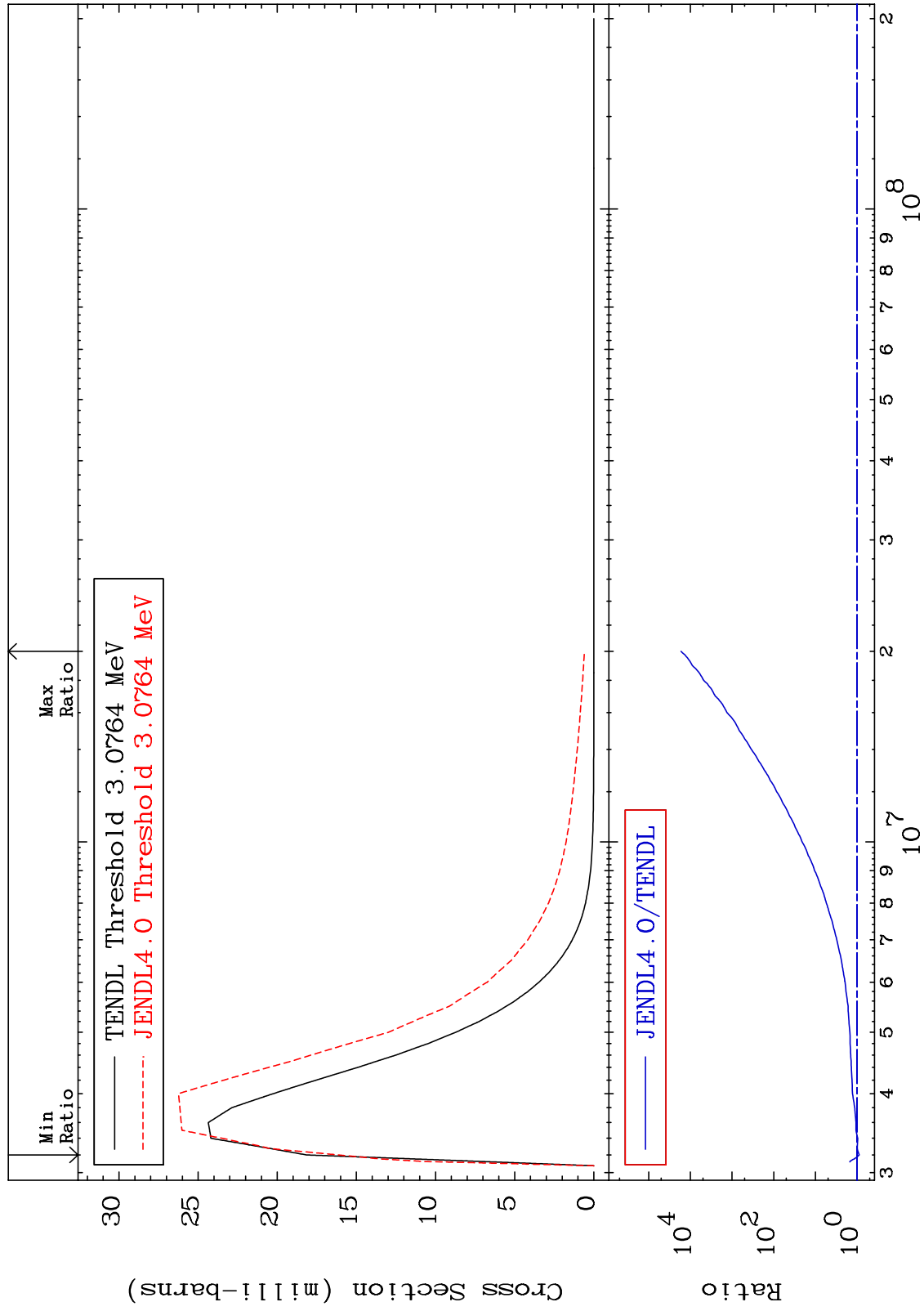
30-Zn-66
-23.24 To 189.9 %



MAT 3031

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

30-Zn-66
-11.11 To 9999. %



20

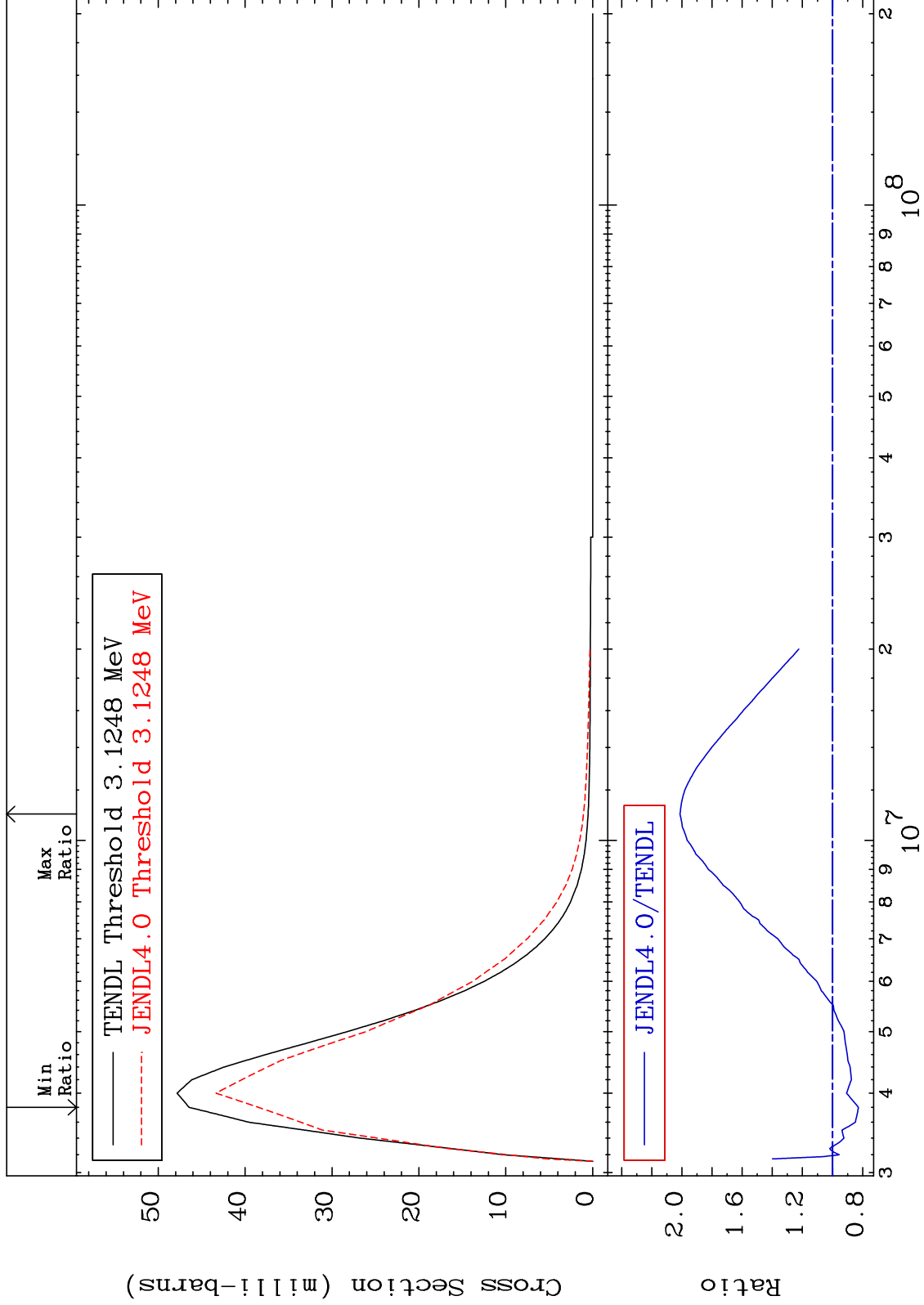
Incident Energy (eV)

30-Zn-66

MAT 3031

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

30-Zn-66
-17.19 To 101.3 %



21

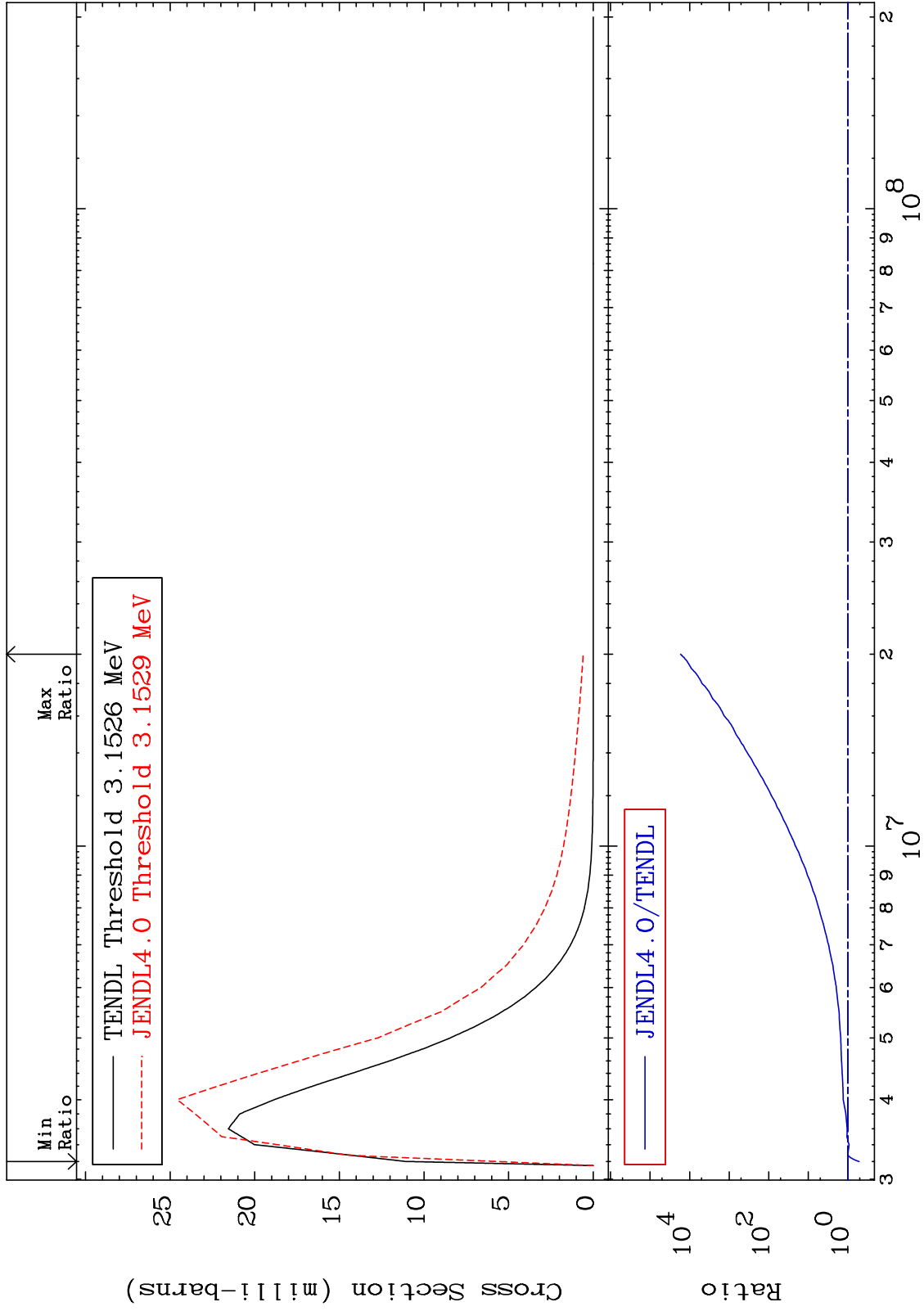
Incident Energy (eV)

30-Zn-66

MAT 3031

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

30-Zn-66
-48.25 To 9999. %



22

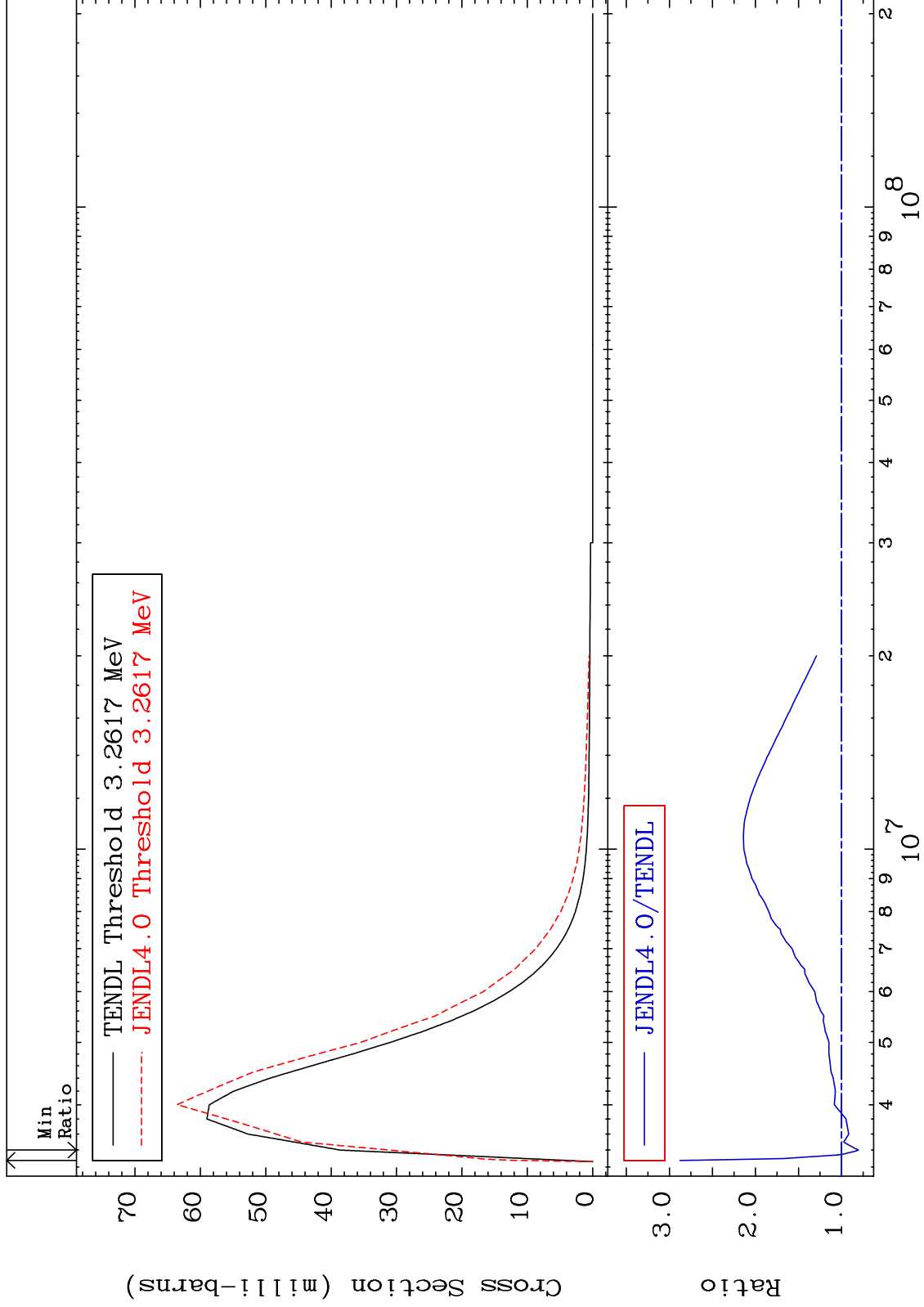
Incident Energy (eV)

30-Zn-66

MAT 3031

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

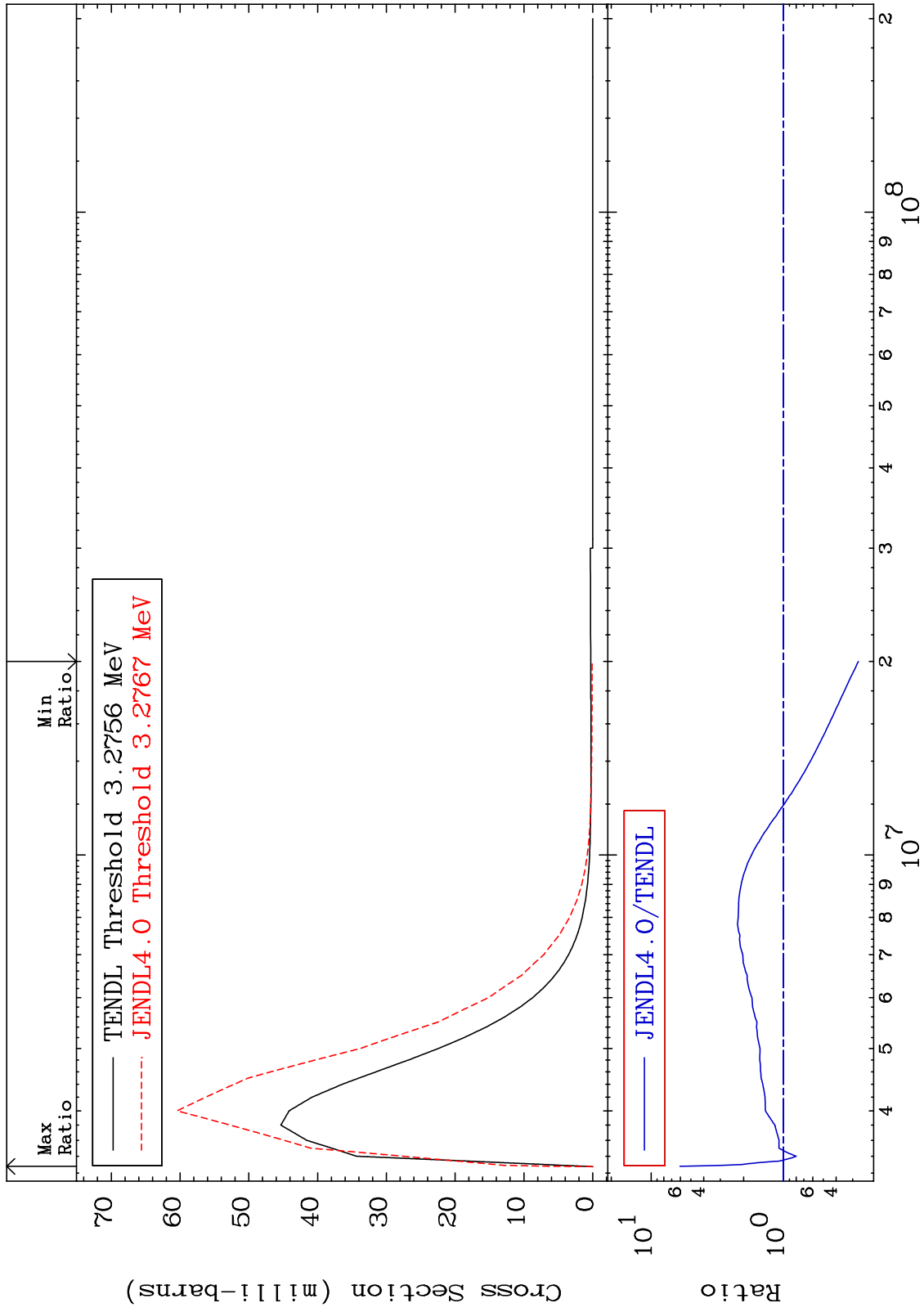
30-Zn-66
-19.54 To 187.7 %



MAT 3031

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

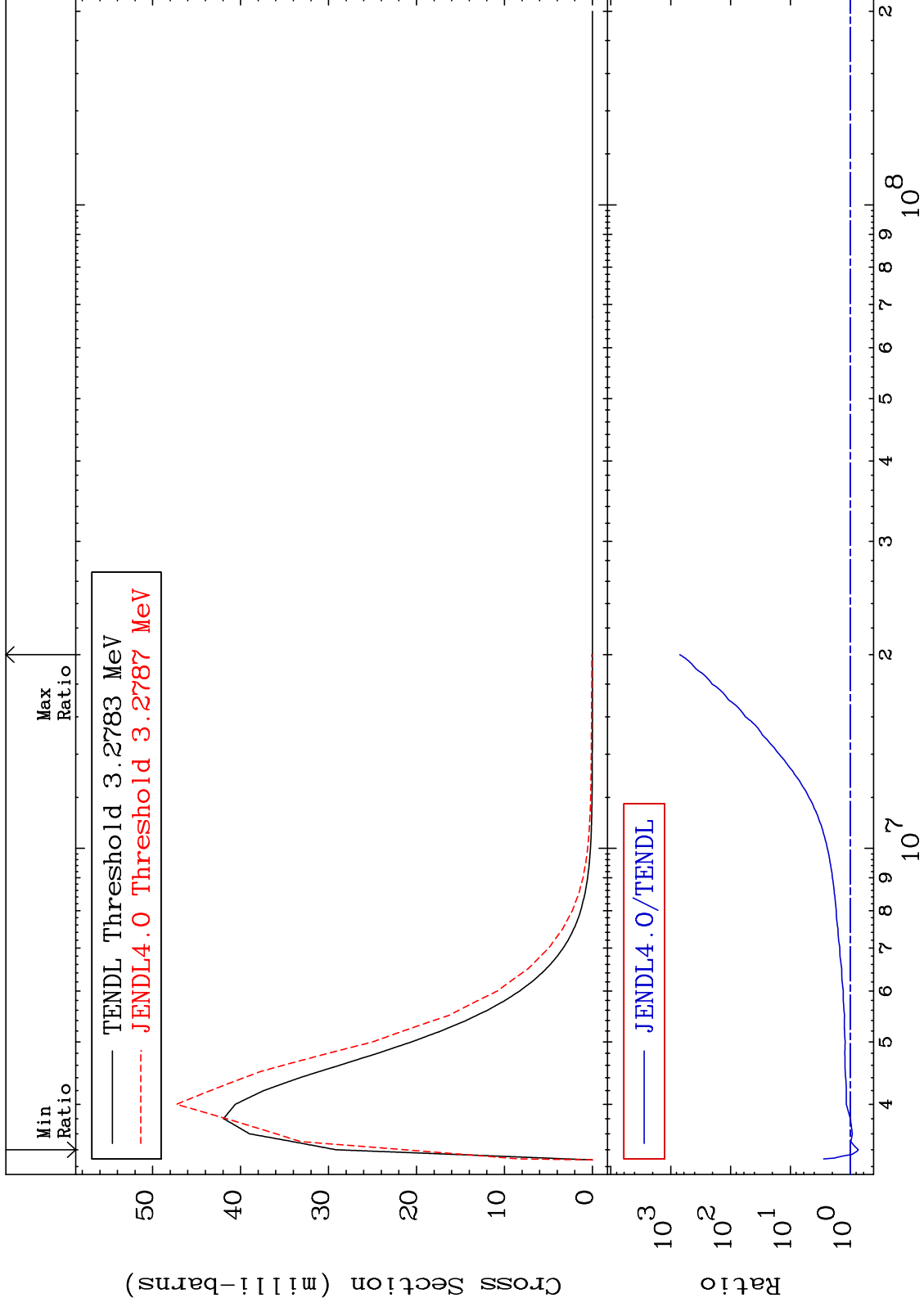
30-Zn-66
-72.86 To 504.5 %



MAT 3031

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

30-Zn-66
-26.82 To 9999. %



25

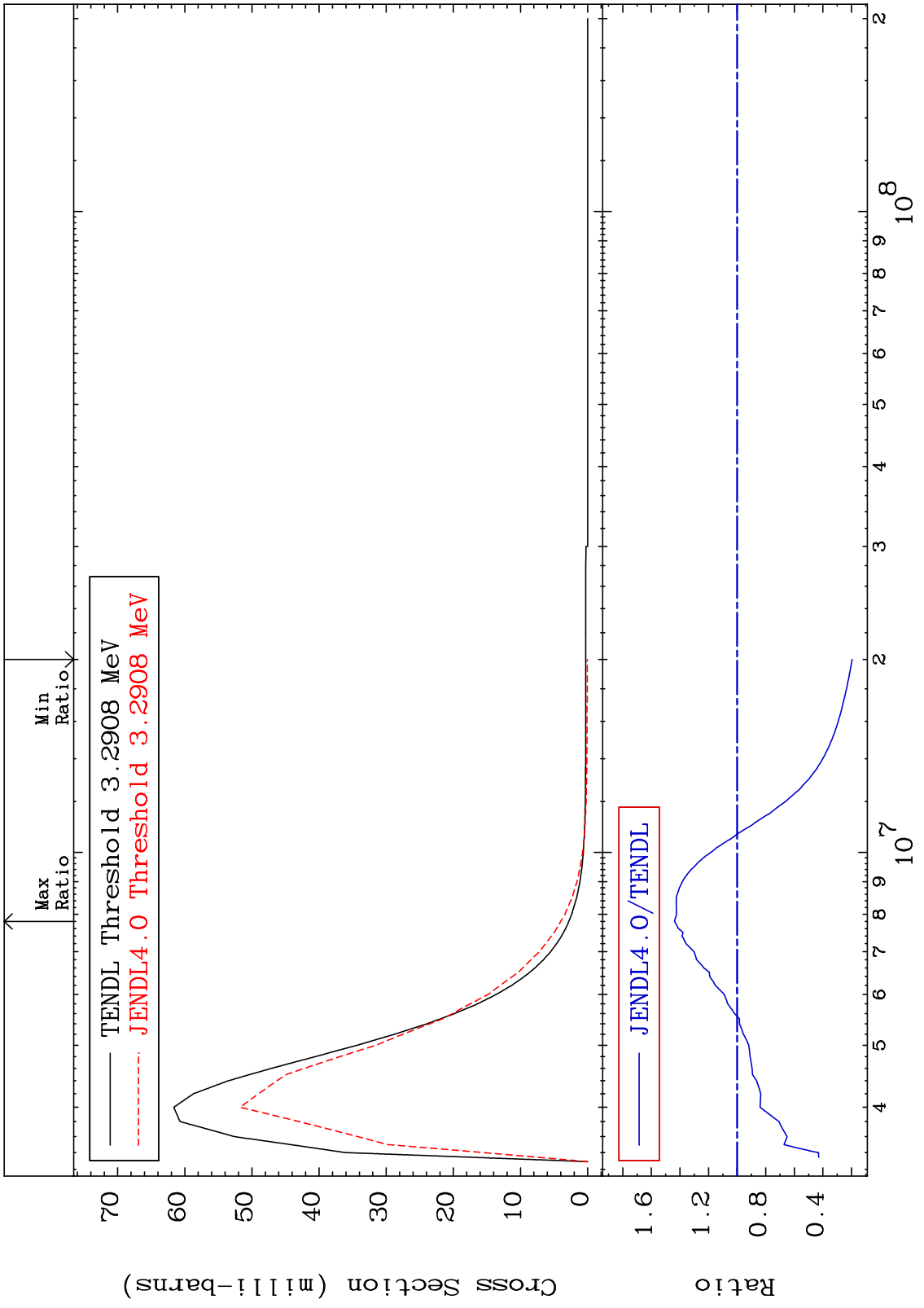
Incident Energy (eV)

30-Zn-66

MAT 3031

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

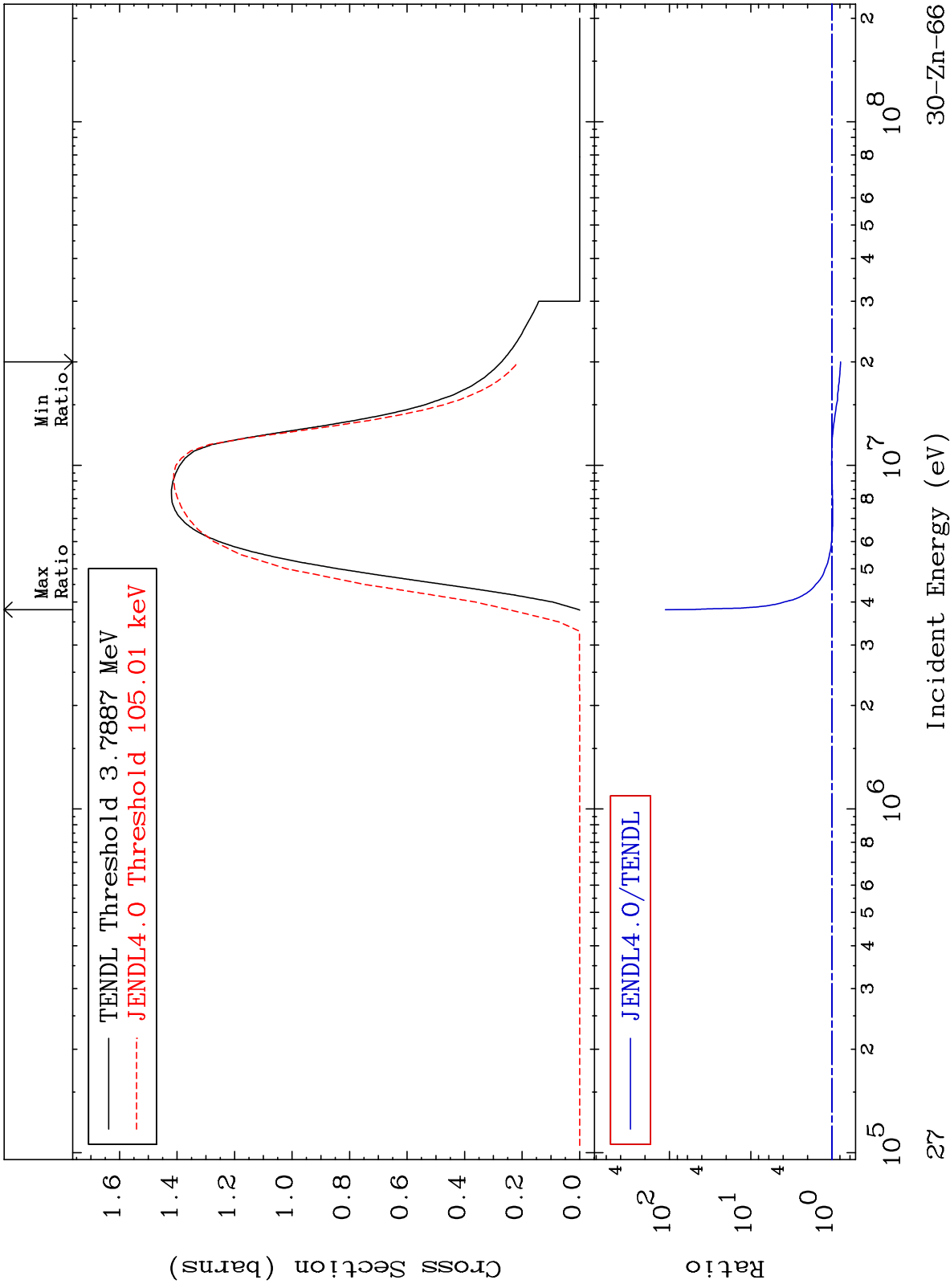
30-Zn-66
-80.47 To 43.77 %



MAT 3031

(n,n') Continuum
Cross Section

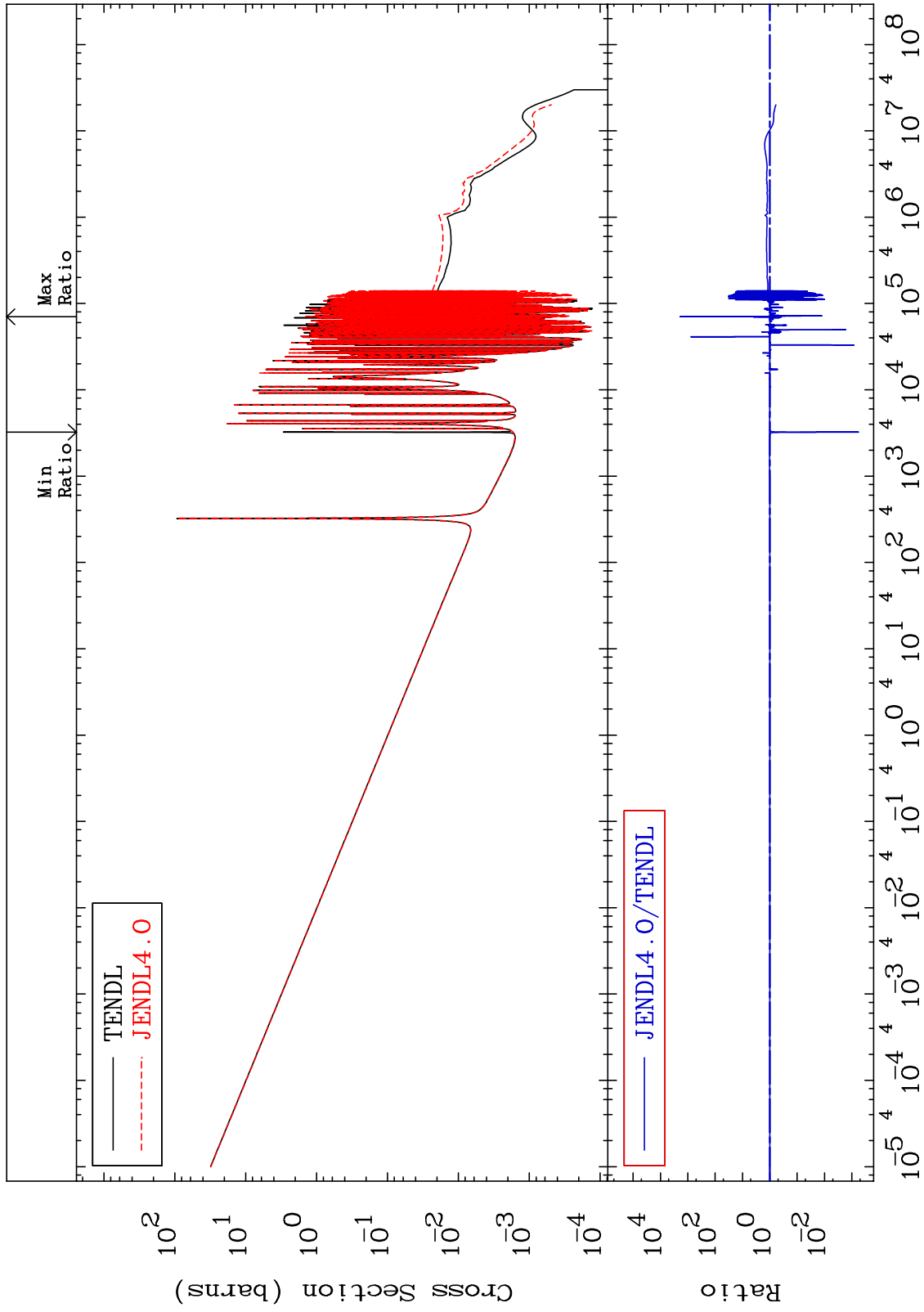
30-Zn-66
-21.64 To 9999. %



MAT 3031

(n, γ)
Cross Section

30-Zn-66
-99.94 To 9999. %



28

Incident Energy (eV)

30-Zn-66

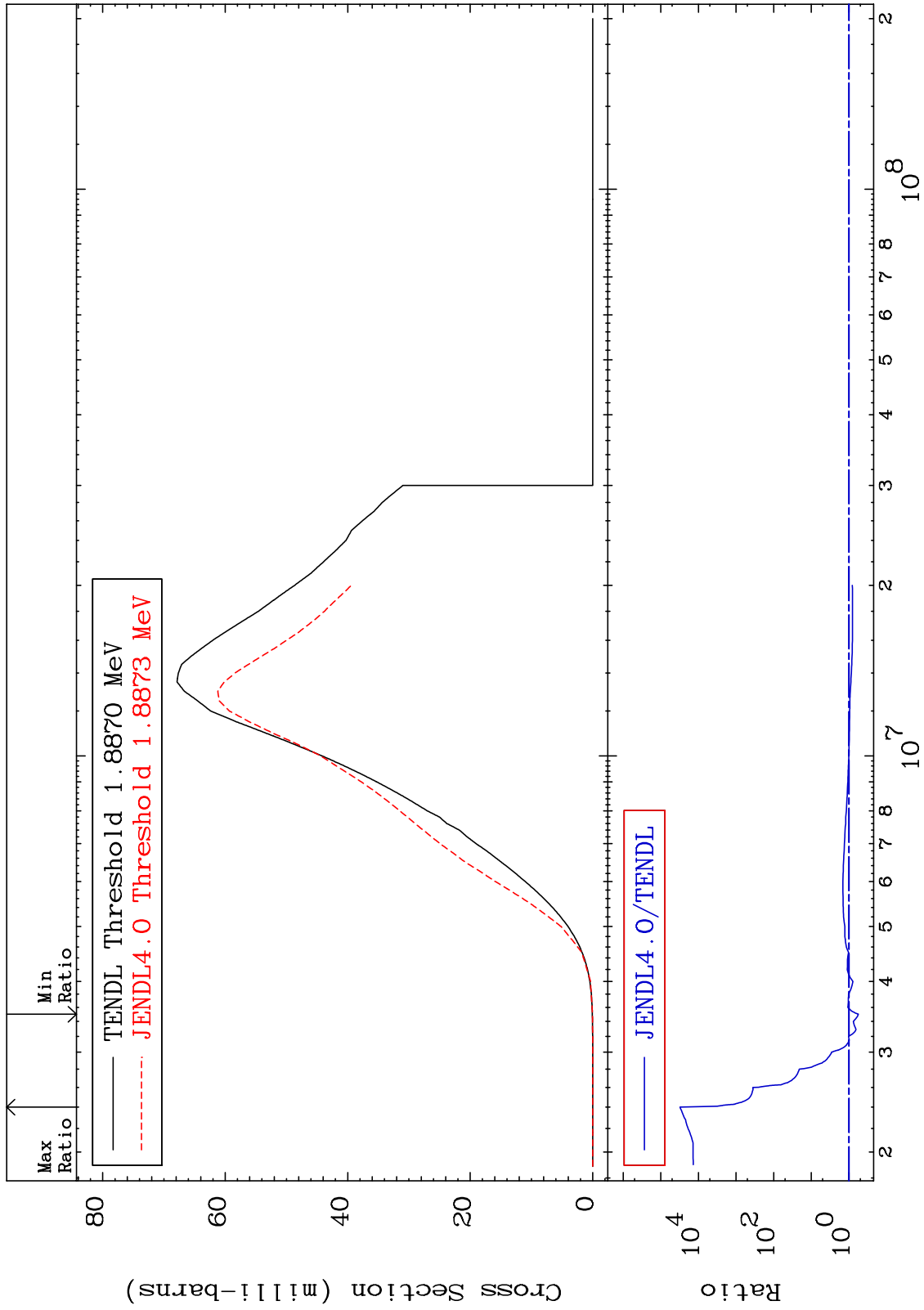
MAT 3031

(n,p)

30-Zn-66

Cross Section

-44.12 To 9999. %



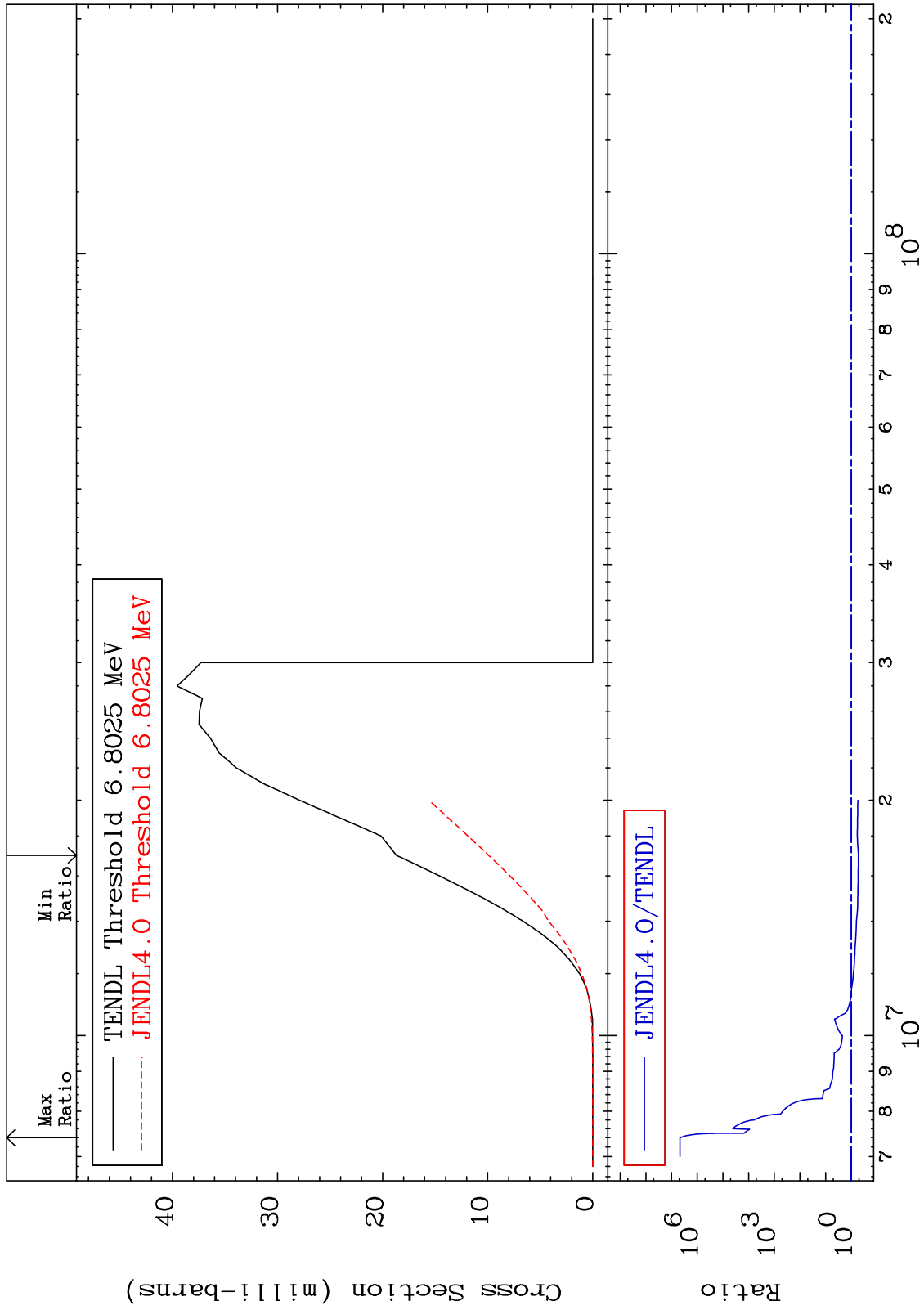
MAT 3031

(n,d)

30-Zn-66

Cross Section

-47.02 To 9999. %



30-Zn-66

Incident Energy (eV)

30

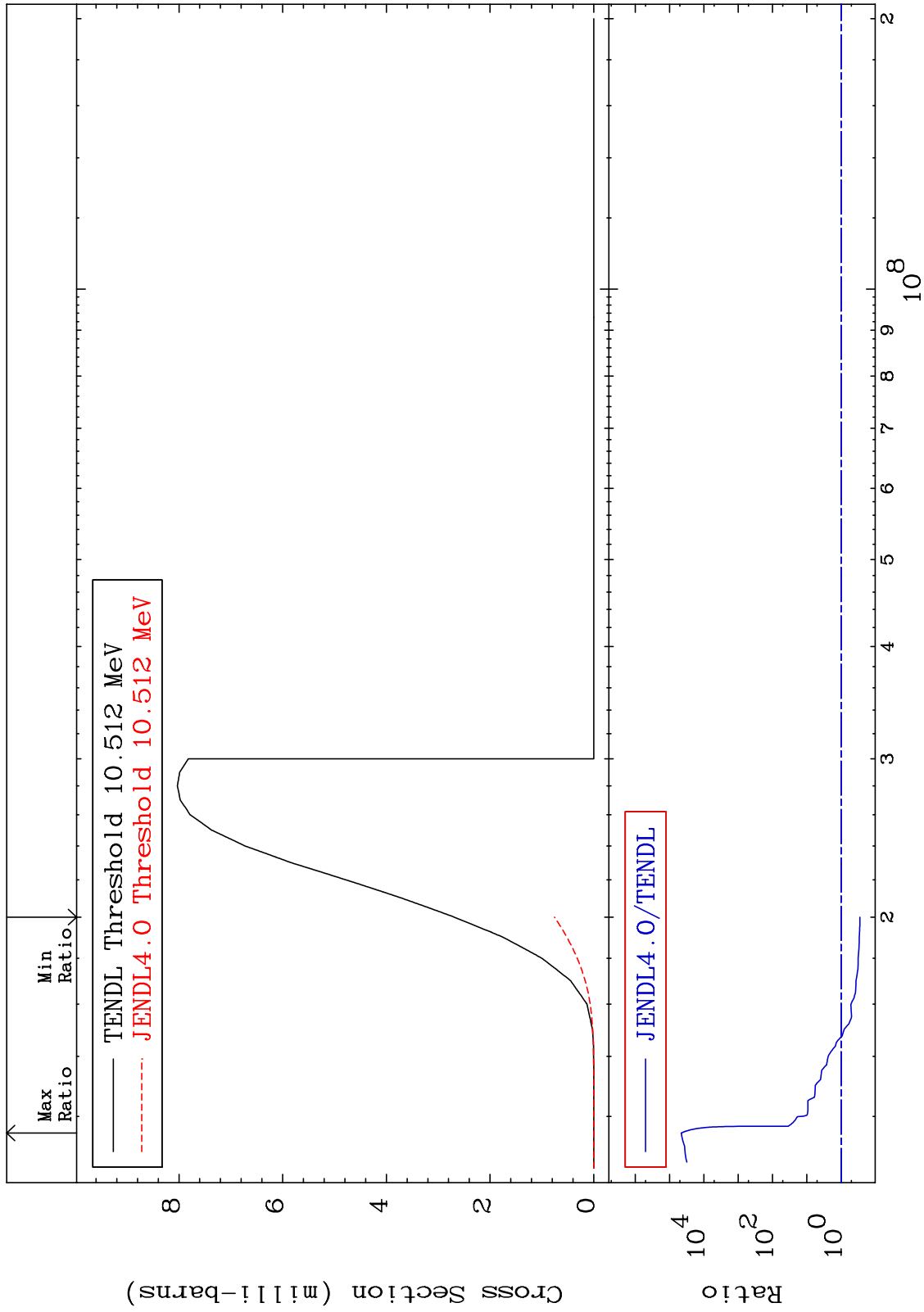
MAT 3031

(n, t)

30-Zn-66

Cross Section

-71.80 To 9999. %



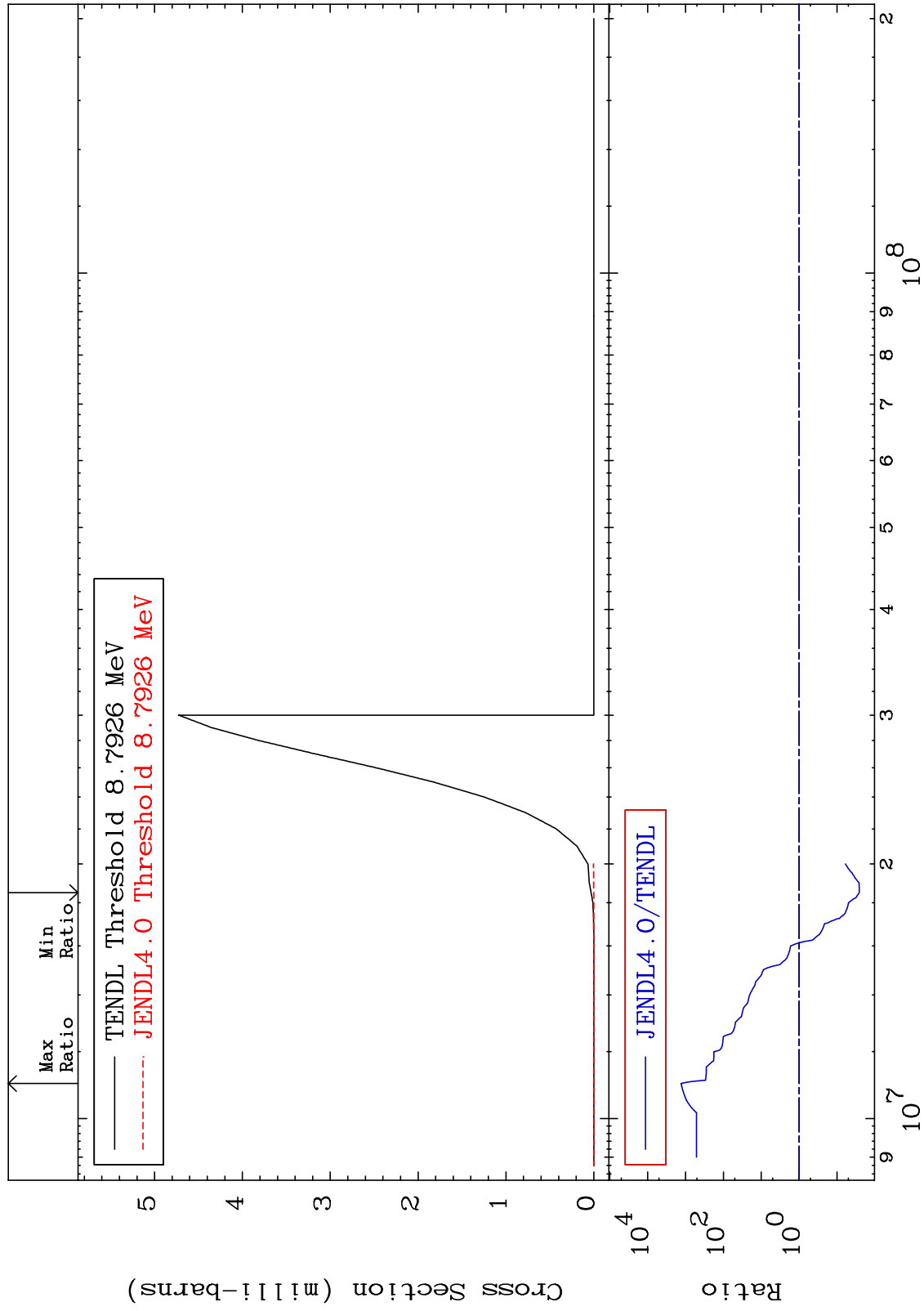
MAT 3031

(n, He-3)

30-Zn-66

Cross Section

-97.42 To 9999. %



32

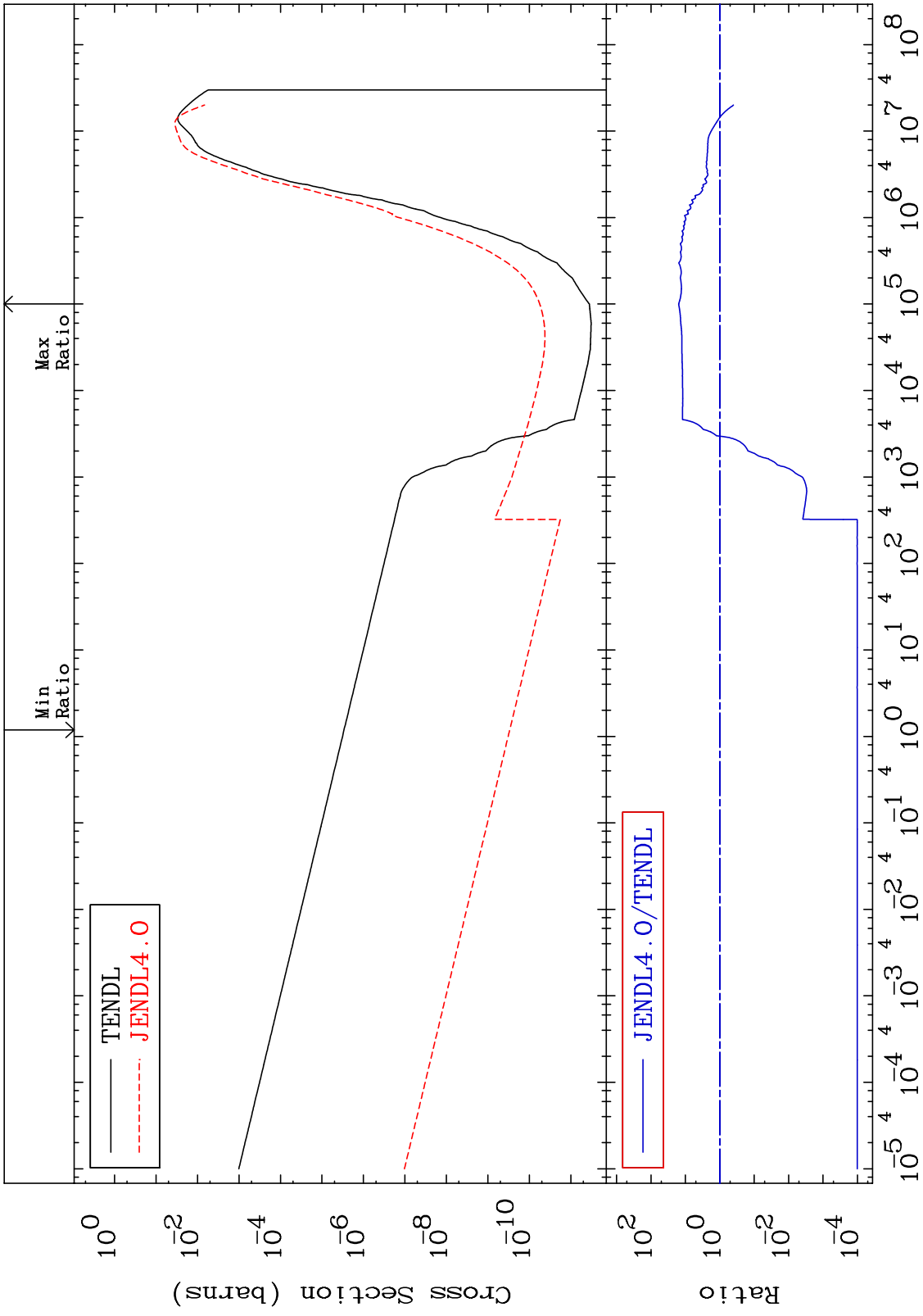
Incident Energy (eV)

30-Zn-66

MAT 3031

(n, α)
Cross Section

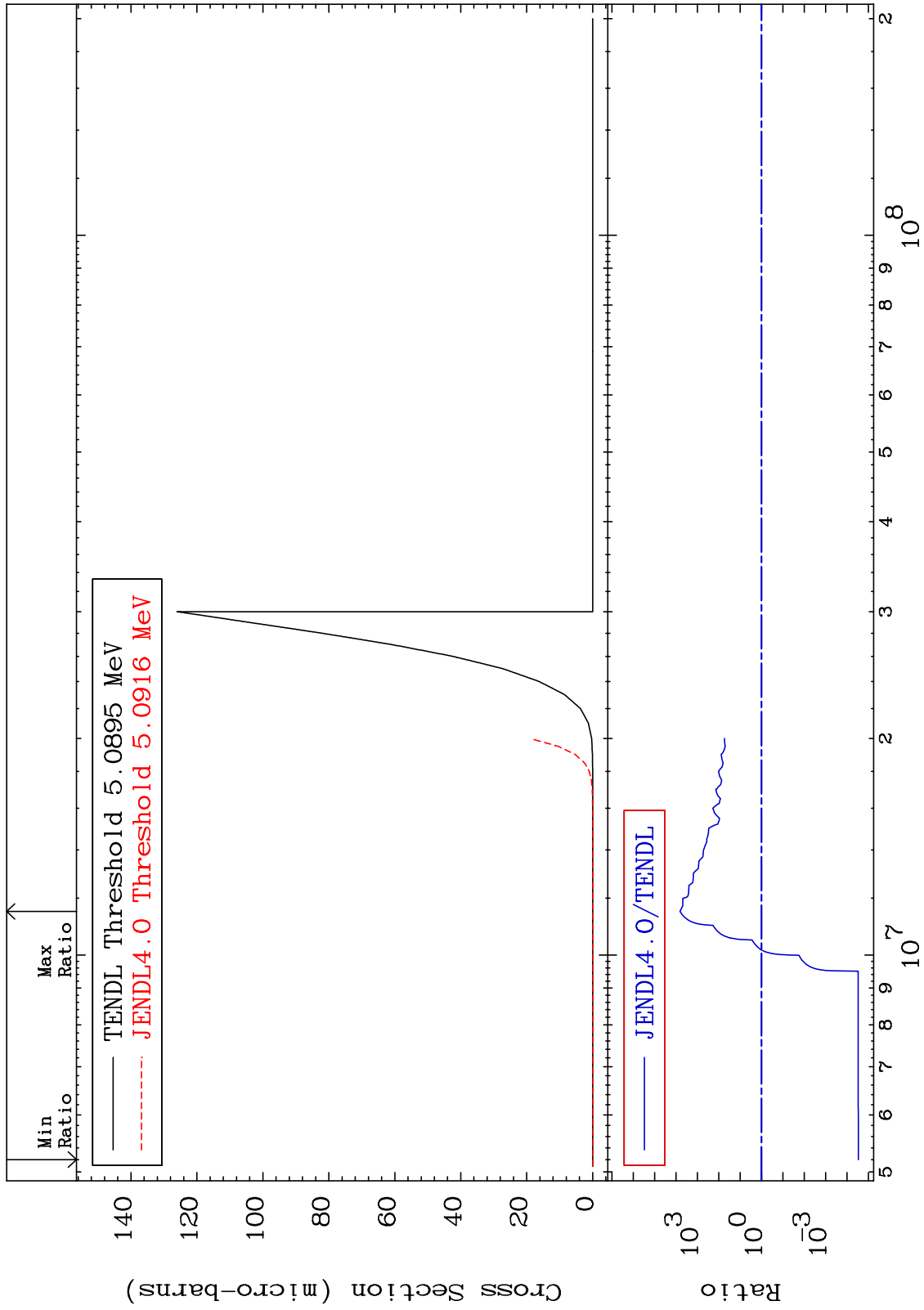
30-Zn-66
-99.99 To 1469. %



33

Incident Energy (eV)

30-Zn-66



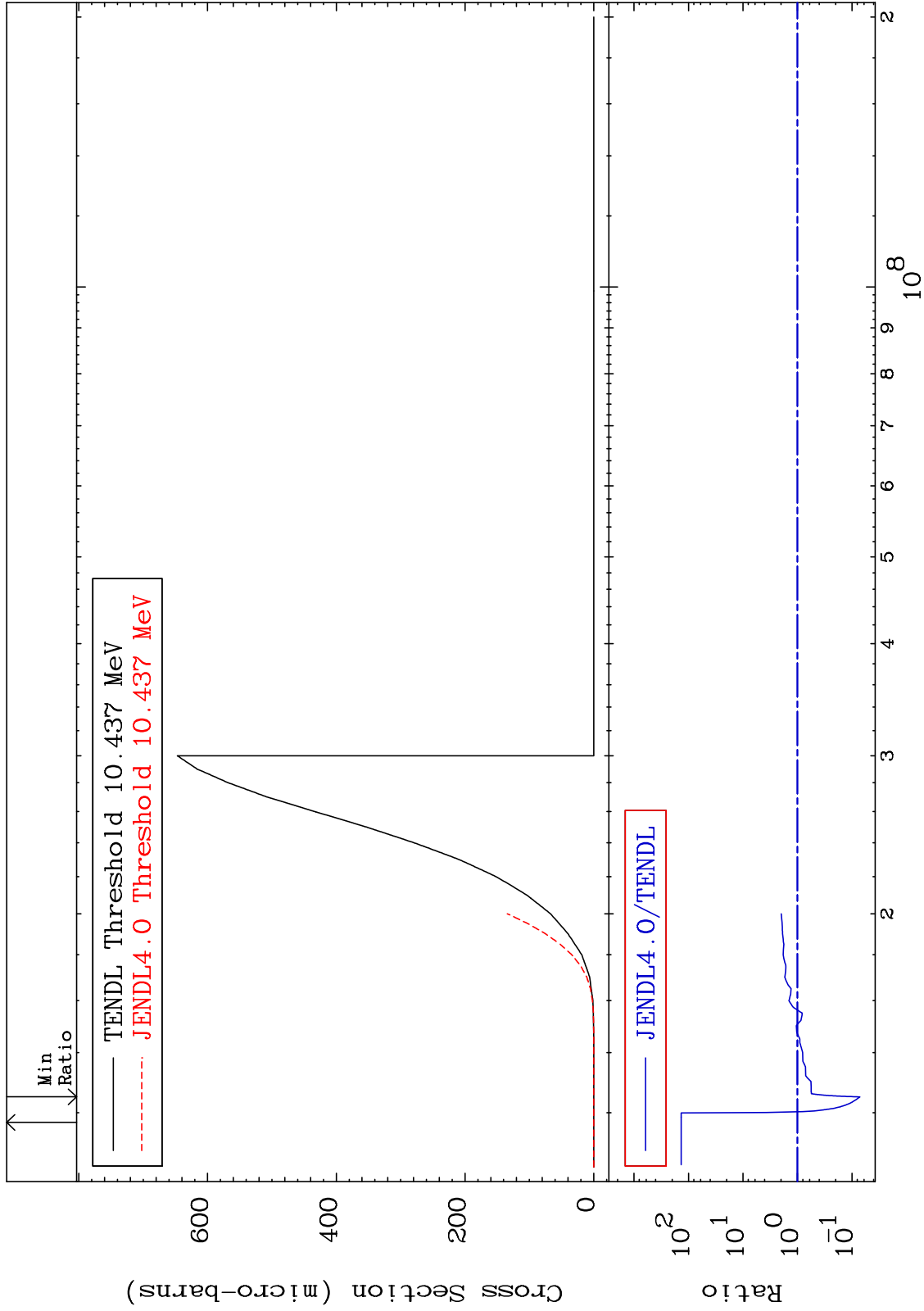
MAT 3031

(n,2p)

30-Zn-66

Cross Section

-92.86 To 9999. %



35

Incident Energy (eV)

30-Zn-66

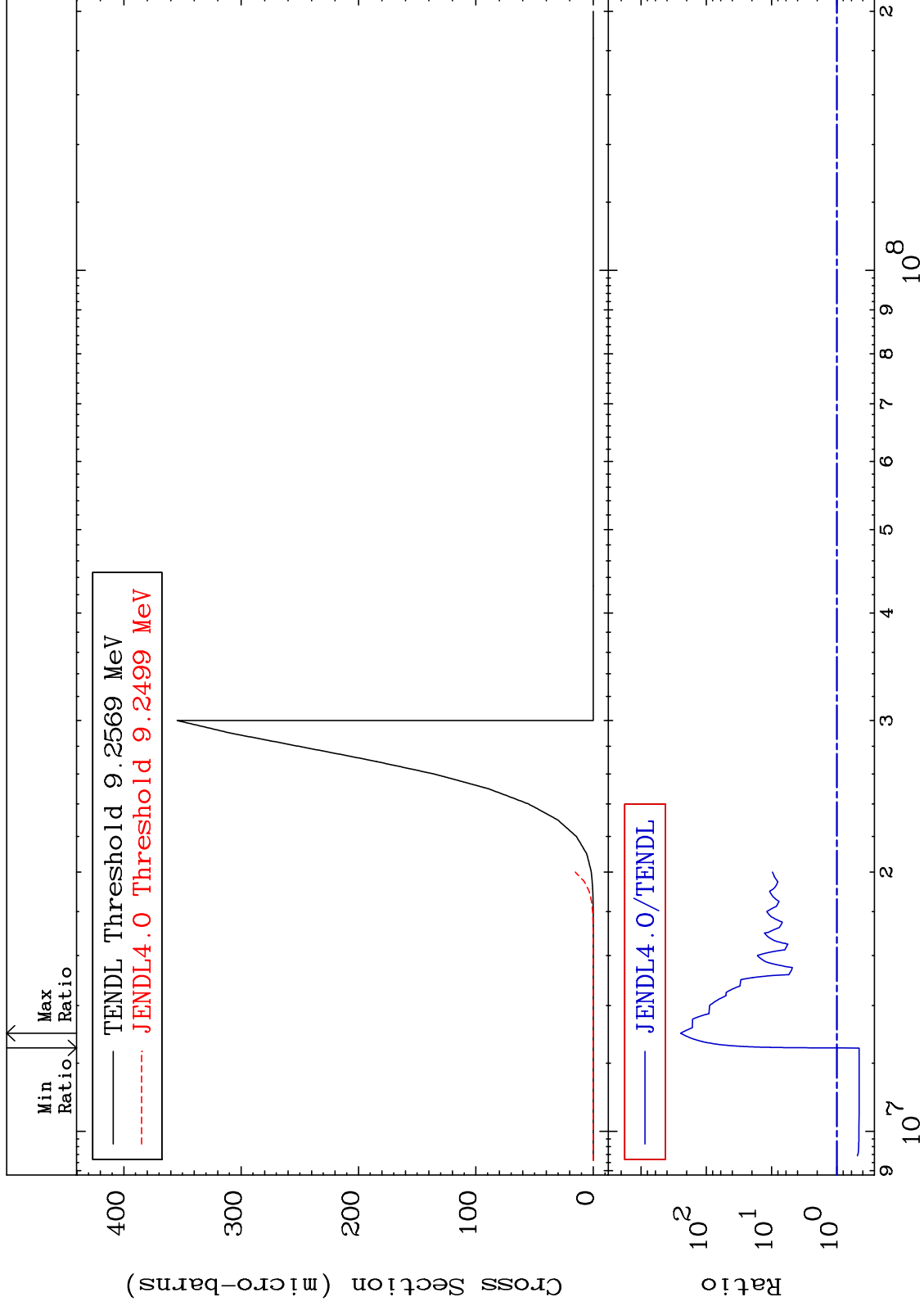
MAT 3031

(n,p) α

30-Zn-66

Cross Section

-54.32 To 9999. %



36

Incident Energy (eV)

30-Zn-66

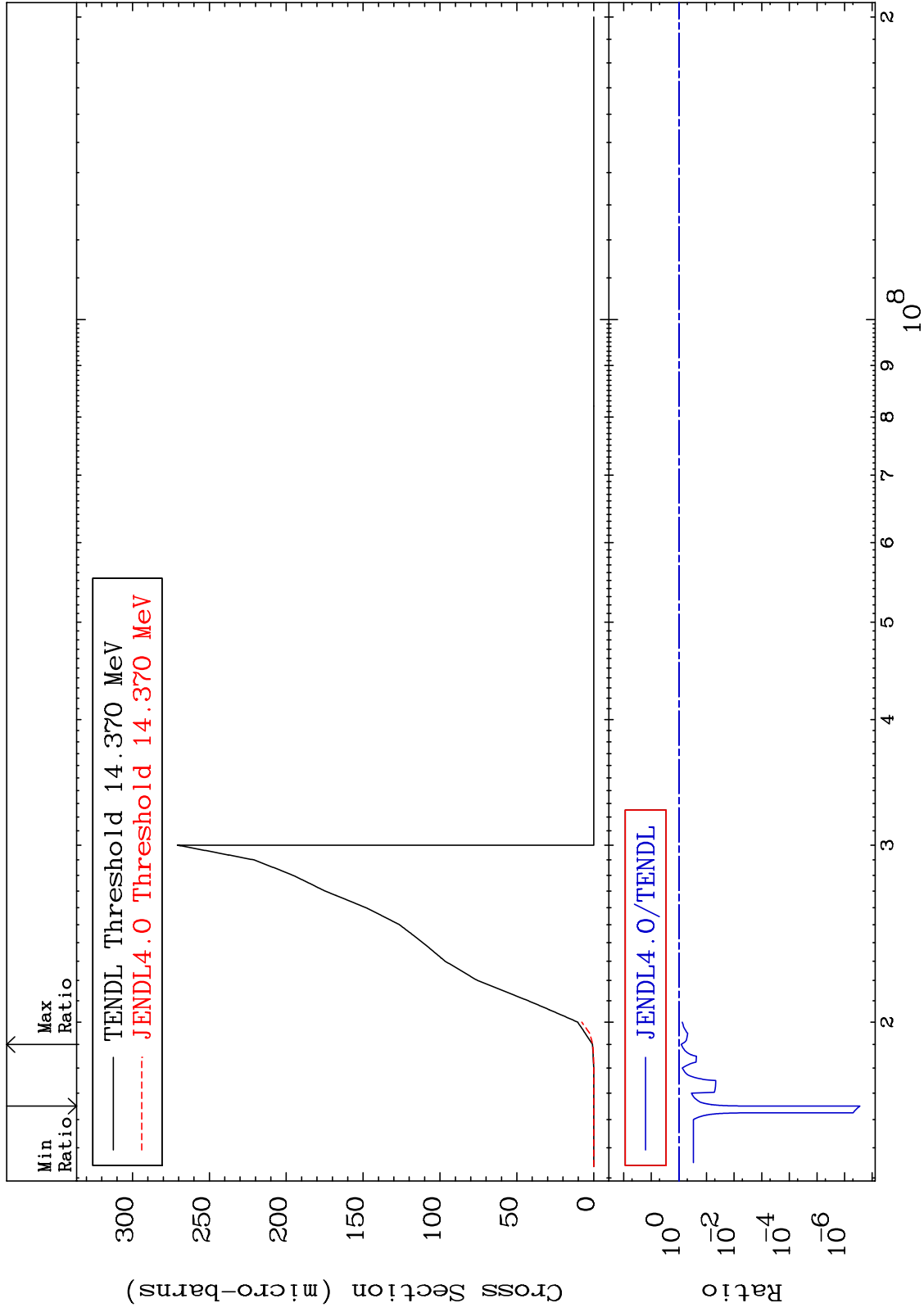
MAT 3031

(n,p) d

30-Zn-66

Cross Section

-100.0 To -17.52%



37

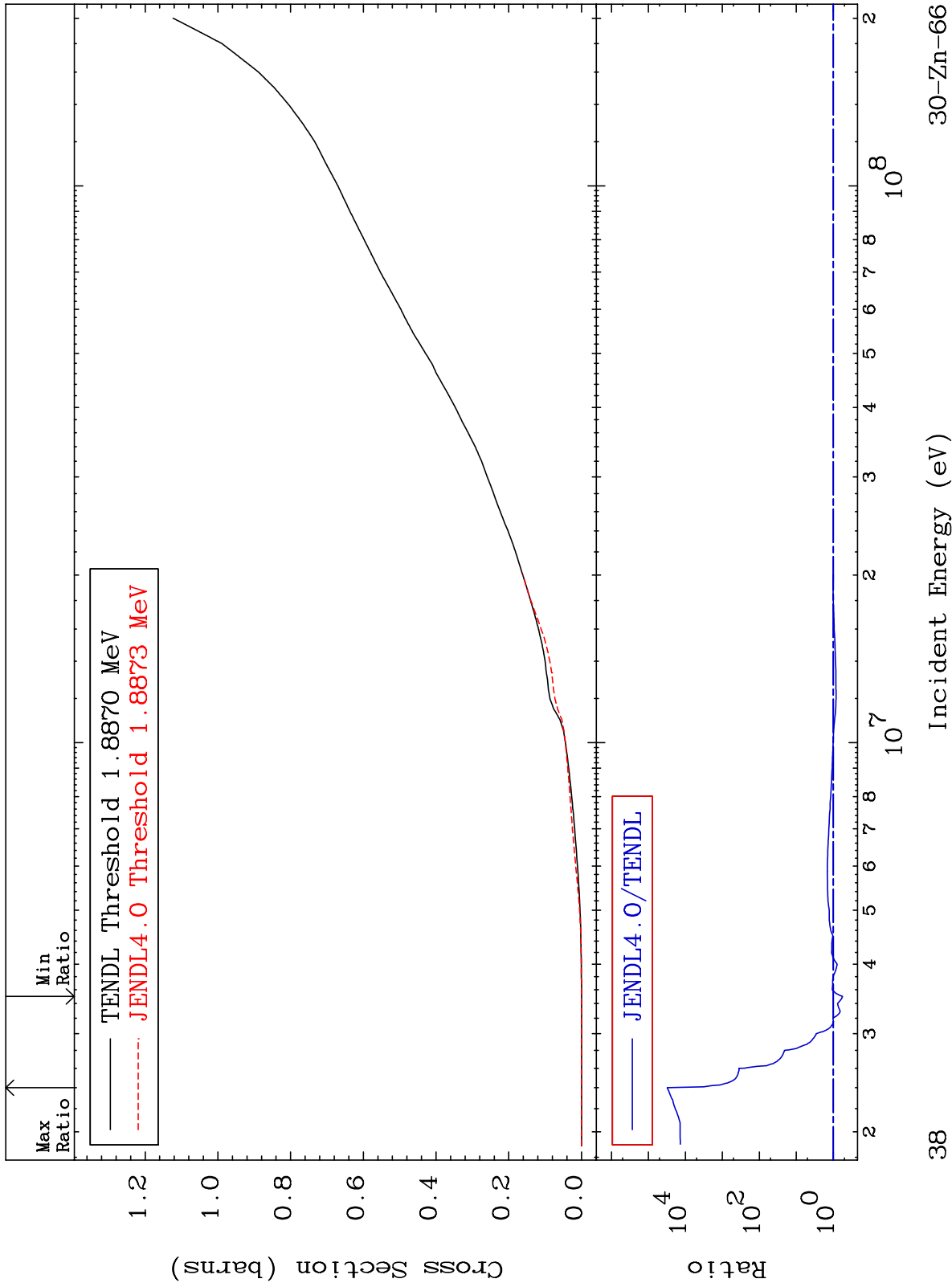
Incident Energy (eV)

30-Zn-66

MAT 3031

Hydrogen Production
Cross Section

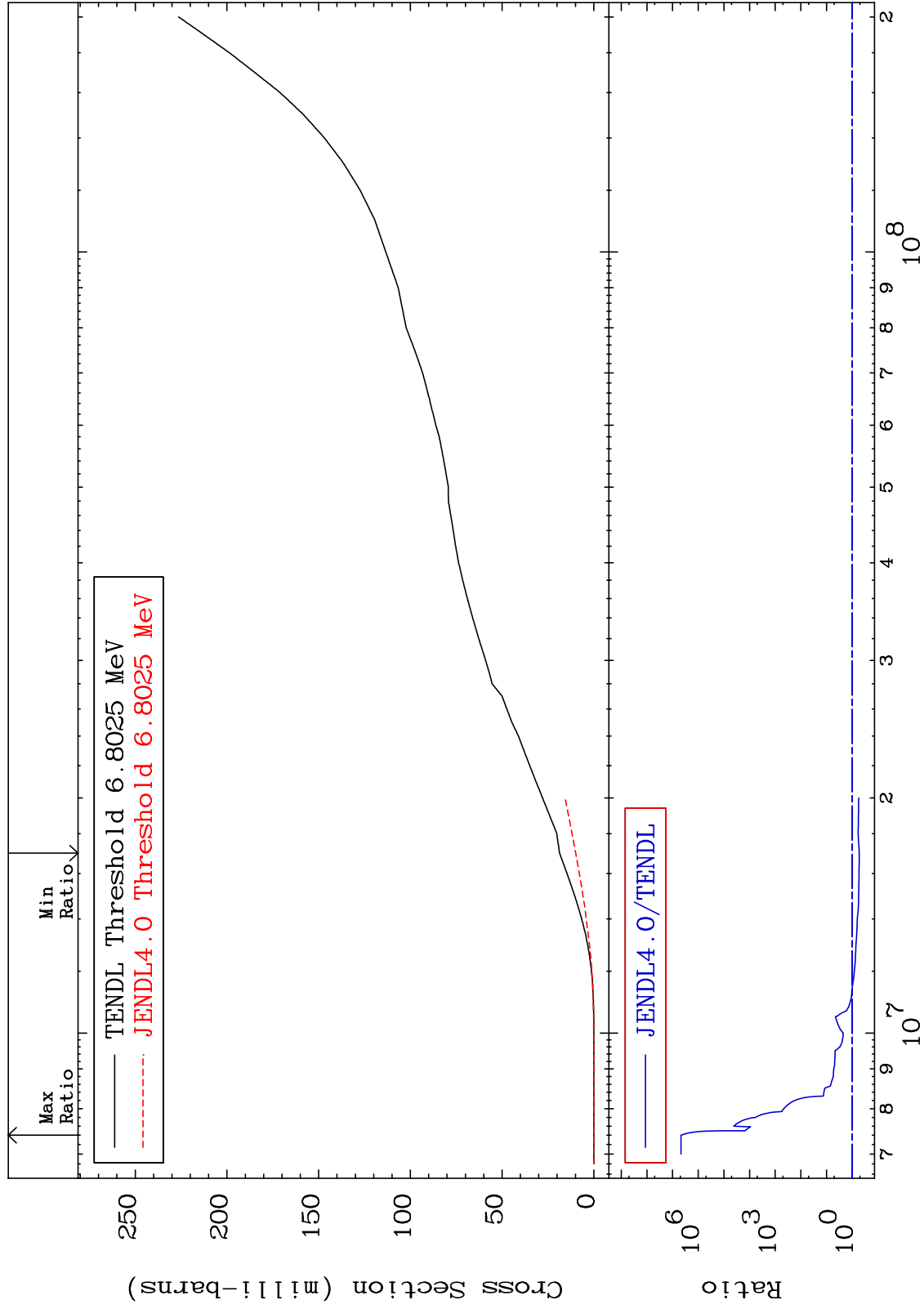
30-Zn-66
-44.12 To 9999. %



MAT 3031

Deuterium Production
Cross Section

30-Zn-66
-47.02 To 9999. %



39

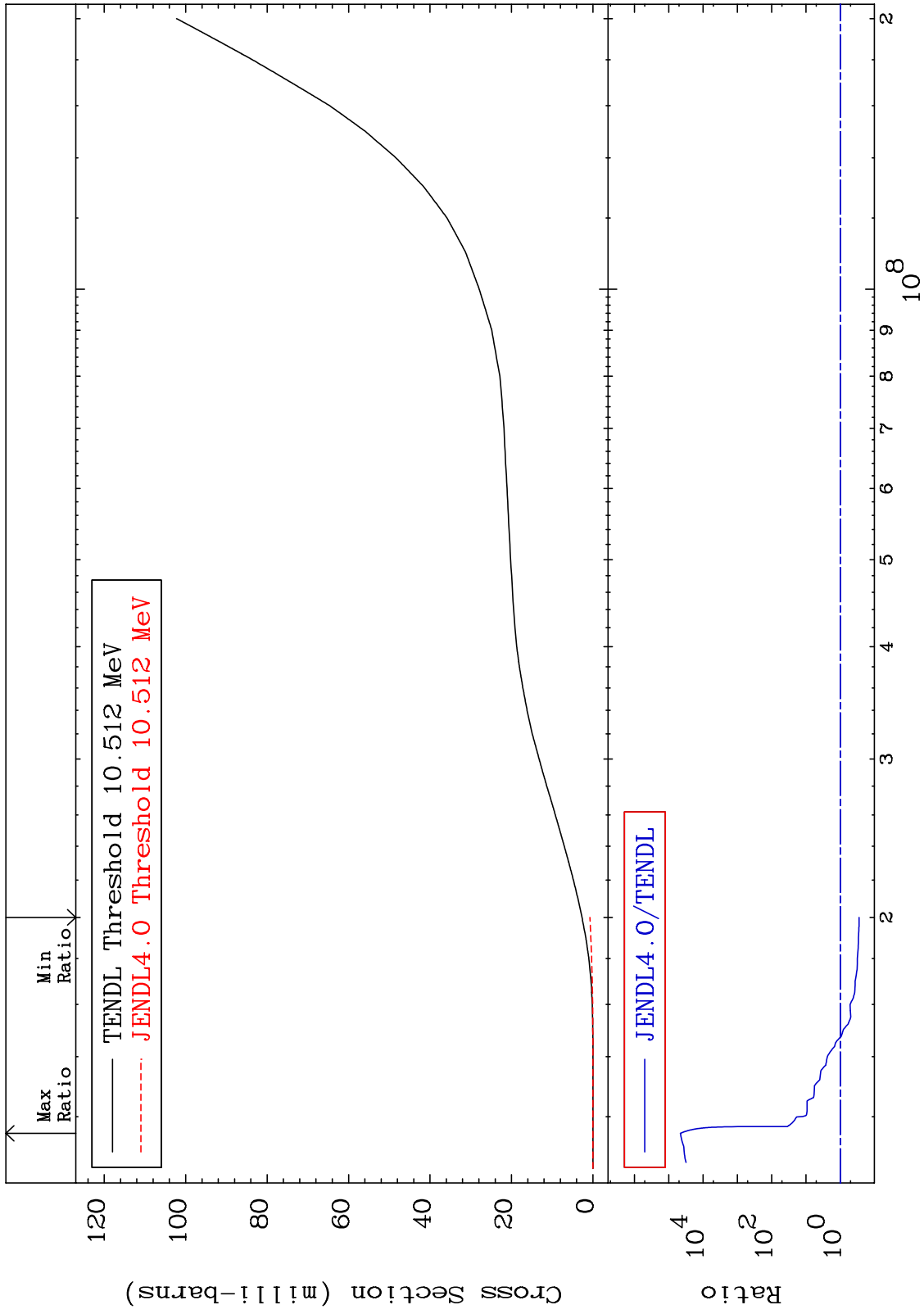
Incident Energy (eV)

30-Zn-66

MAT 3031

Tritium Production
Cross Section

30-Zn-66
-71.80 To 9999. %



40

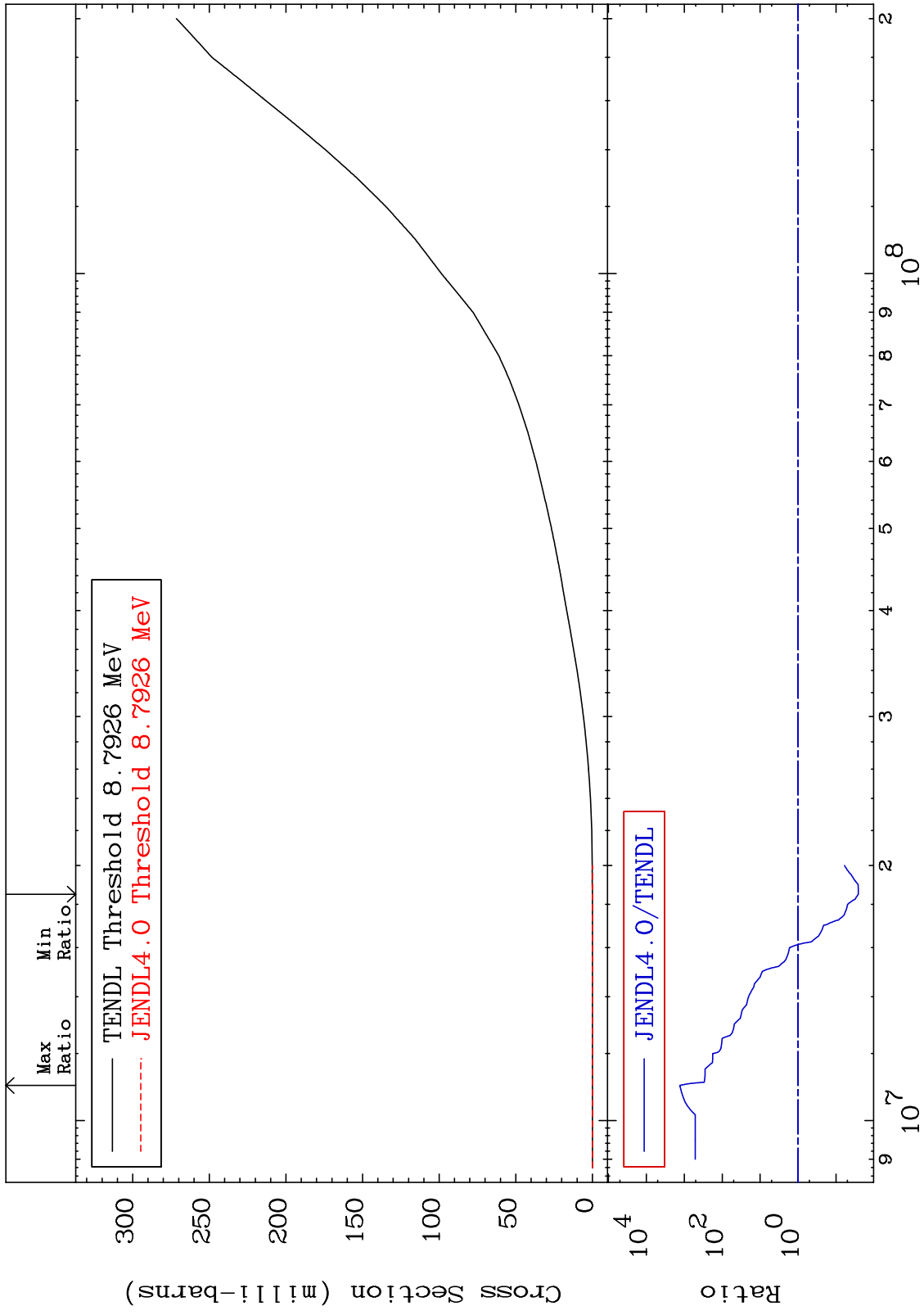
Incident Energy (eV)

30-Zn-66

MAT 3031

He-3 Production
Cross Section

30-Zn-66
-97.42 To 9999. %



41

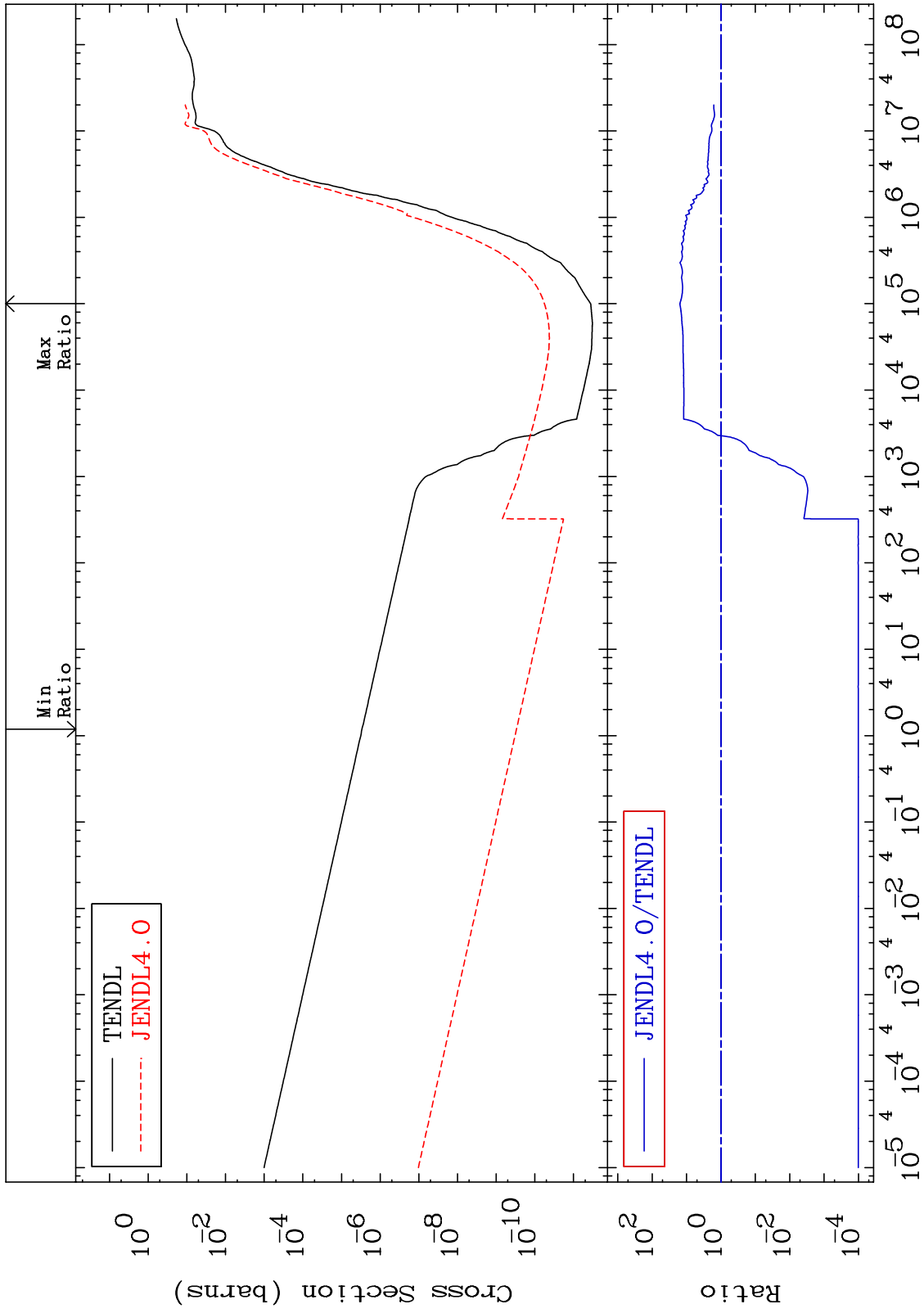
Incident Energy (eV)

30-Zn-66

MAT 3031

He-4 Production
Cross Section

30-Zn-66
-99.99 To 1469. %



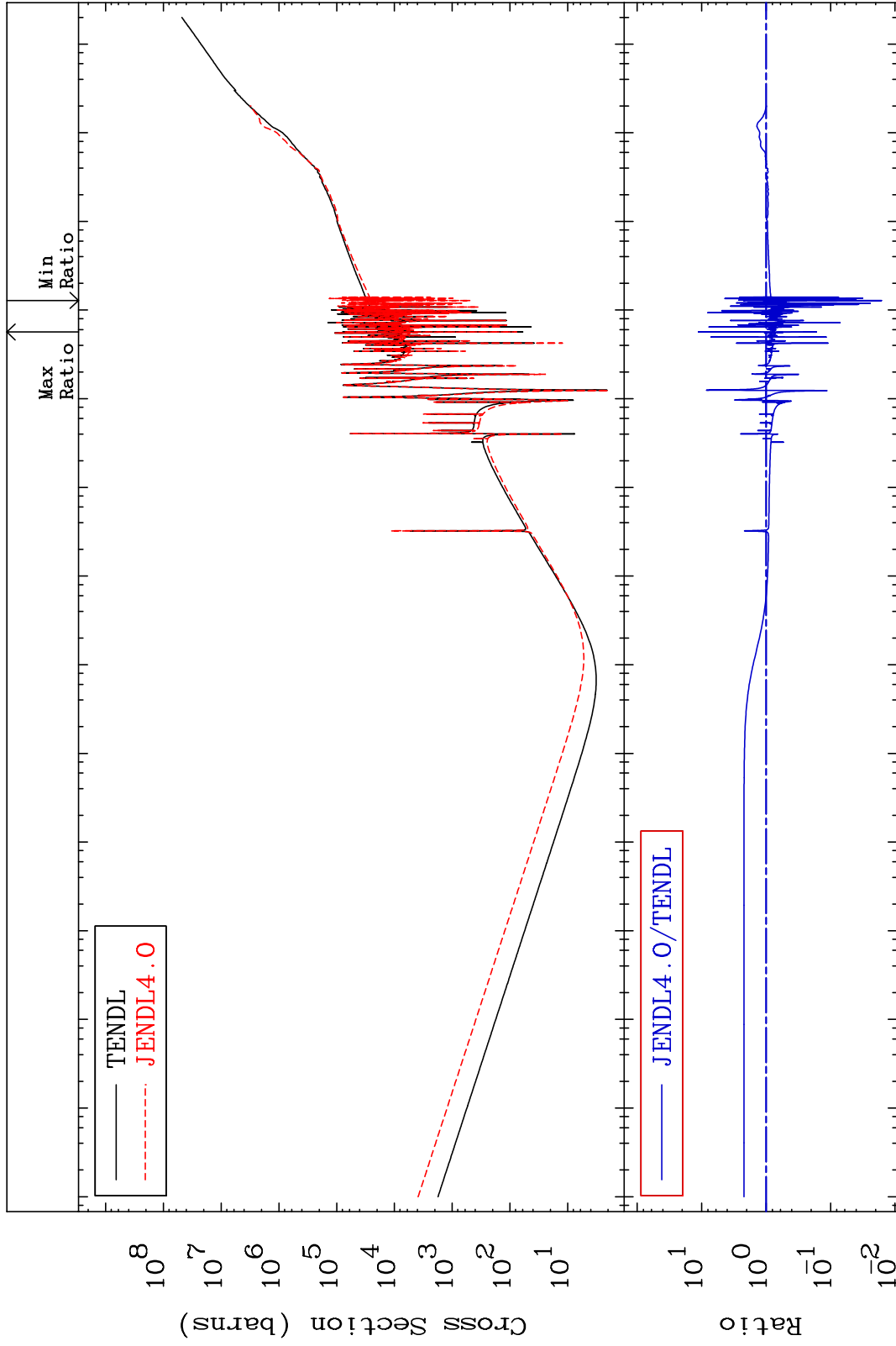
42

30-Zn-66

MAT 3031

Kerma total (eV-barns)
Cross Section

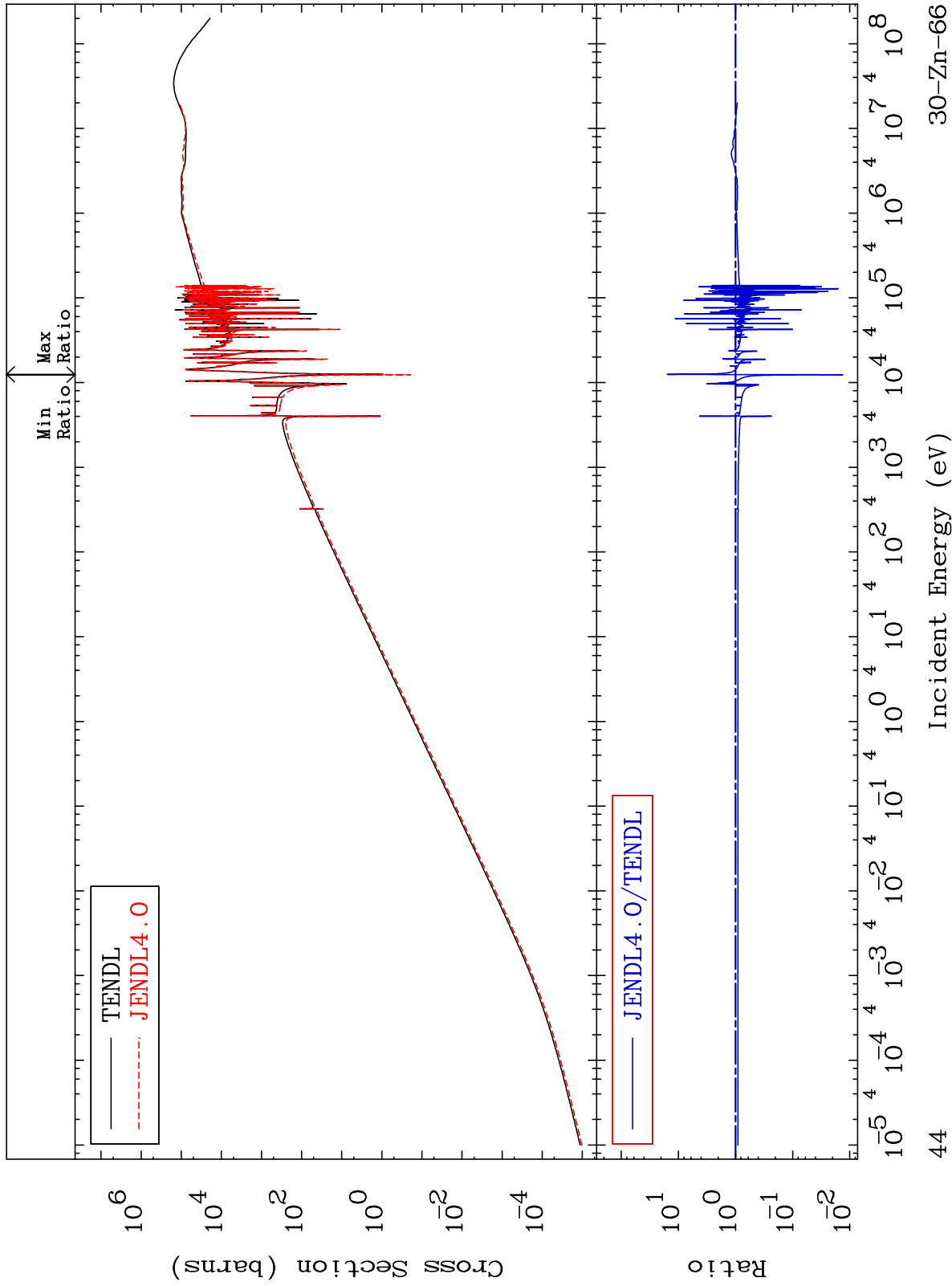
30-Zn-66
-98.38 To 1024. %



MAT 3031

Kerma elastic
Cross Section

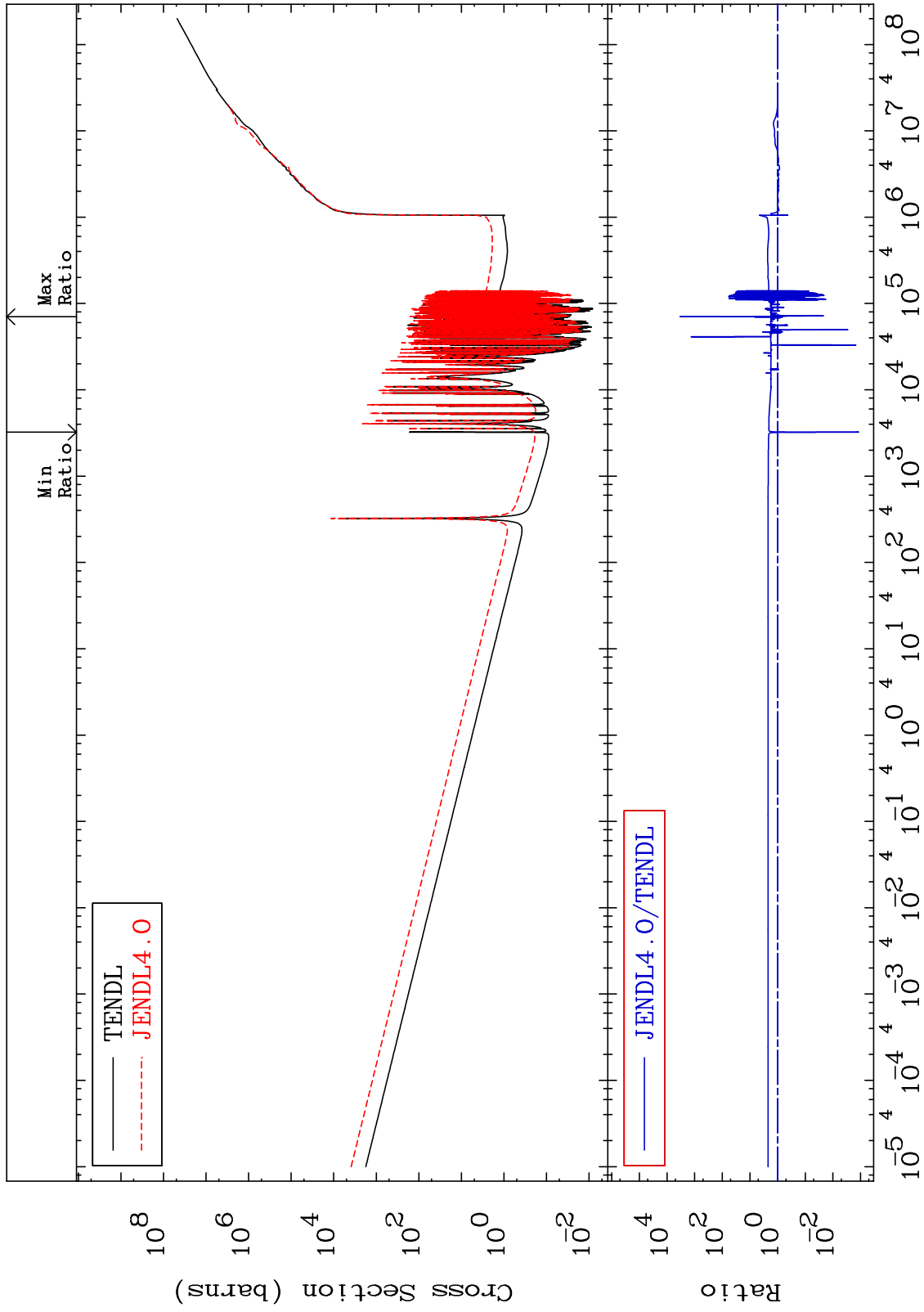
30-Zn-66
-98.67 To 1444. %



MAT 3031

Kerma non-elastic (all but mt2)
Cross Section

30-Zn-66
-99.88 To 9999. %



45

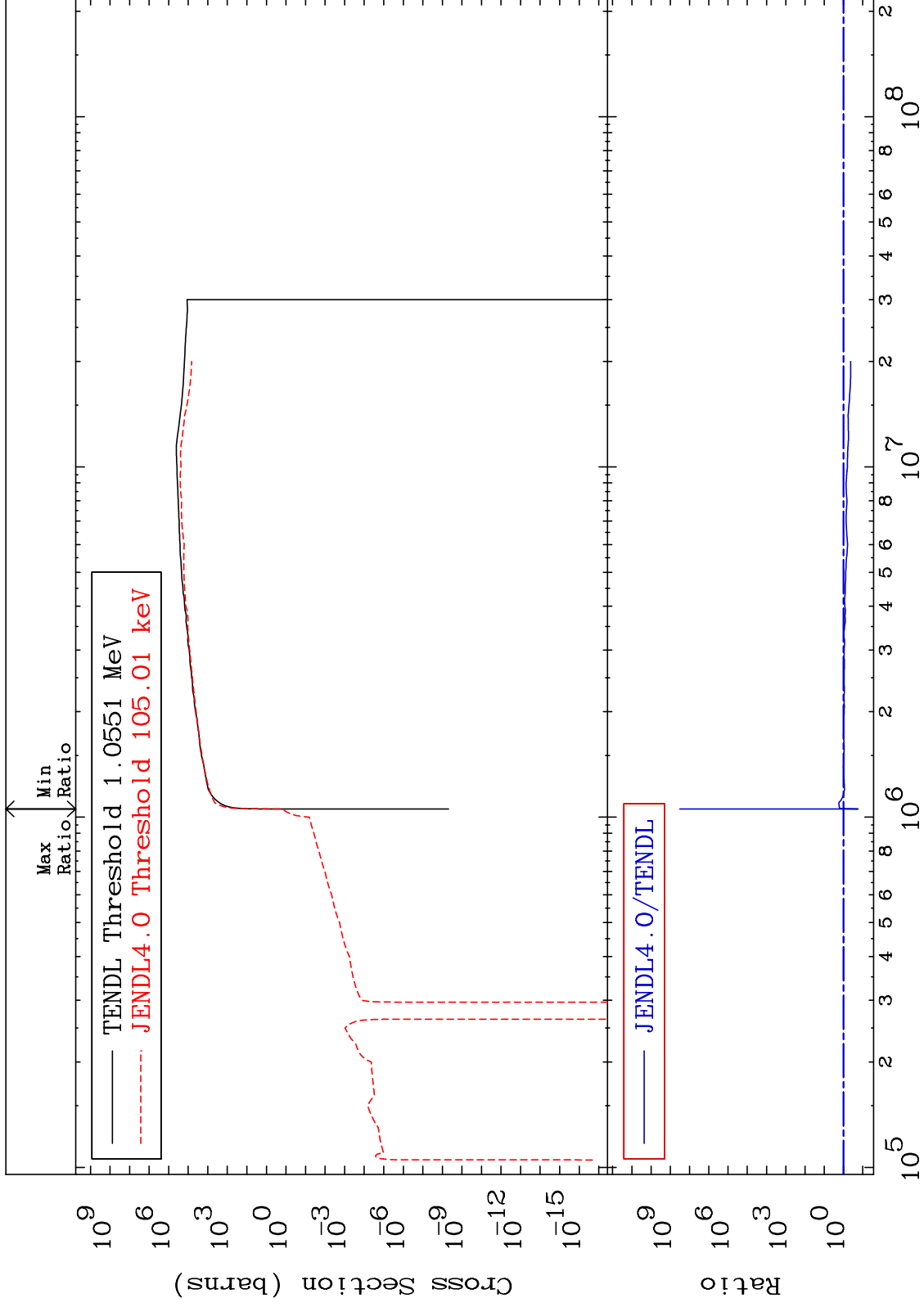
Incident Energy (eV)

30-Zn-66

MAT 3031

Kerma inelastic (mt51-91)
Cross Section

30-Zn-66
-83.03 To 9999. %

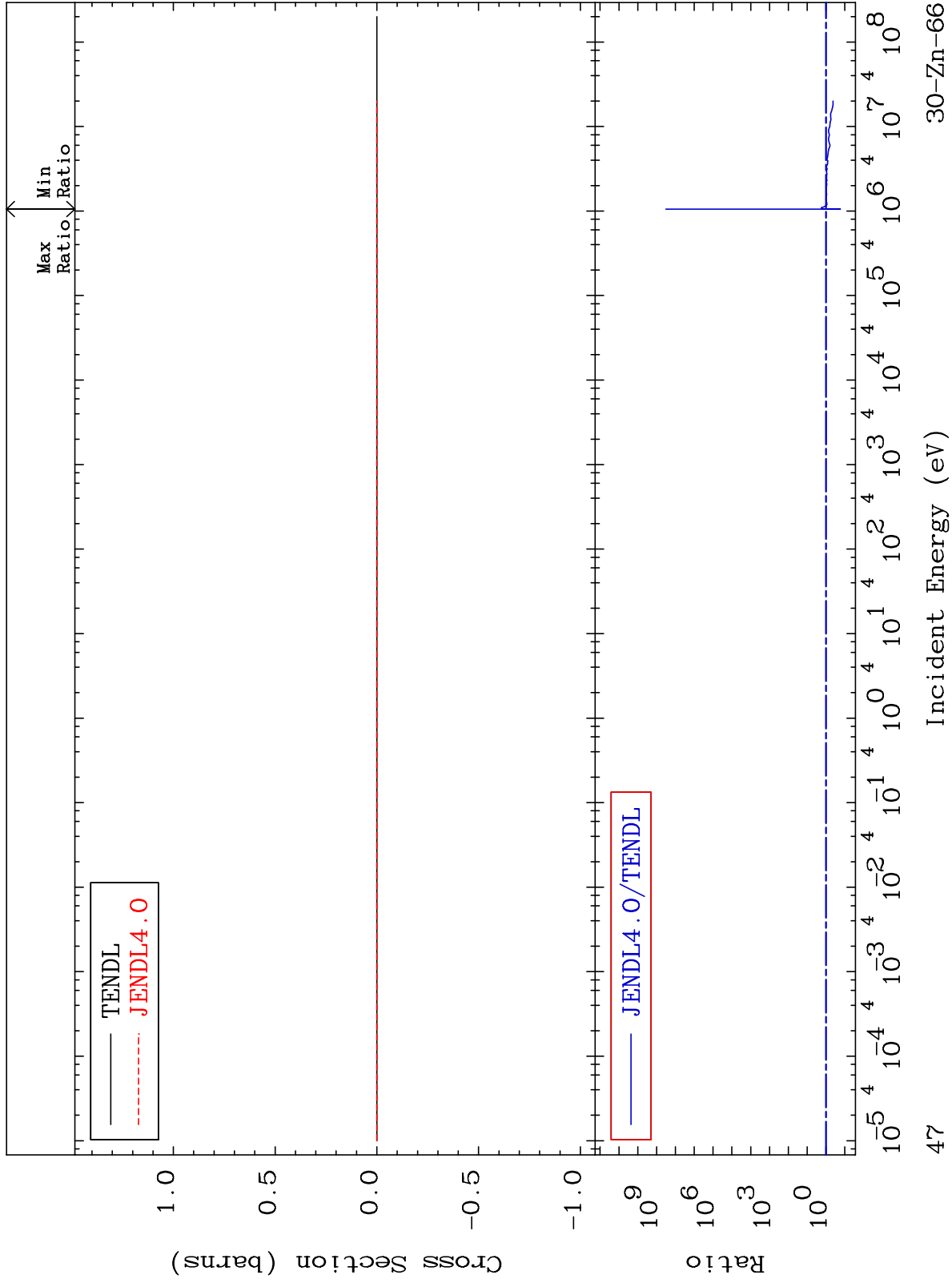


46

MAT 3031

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

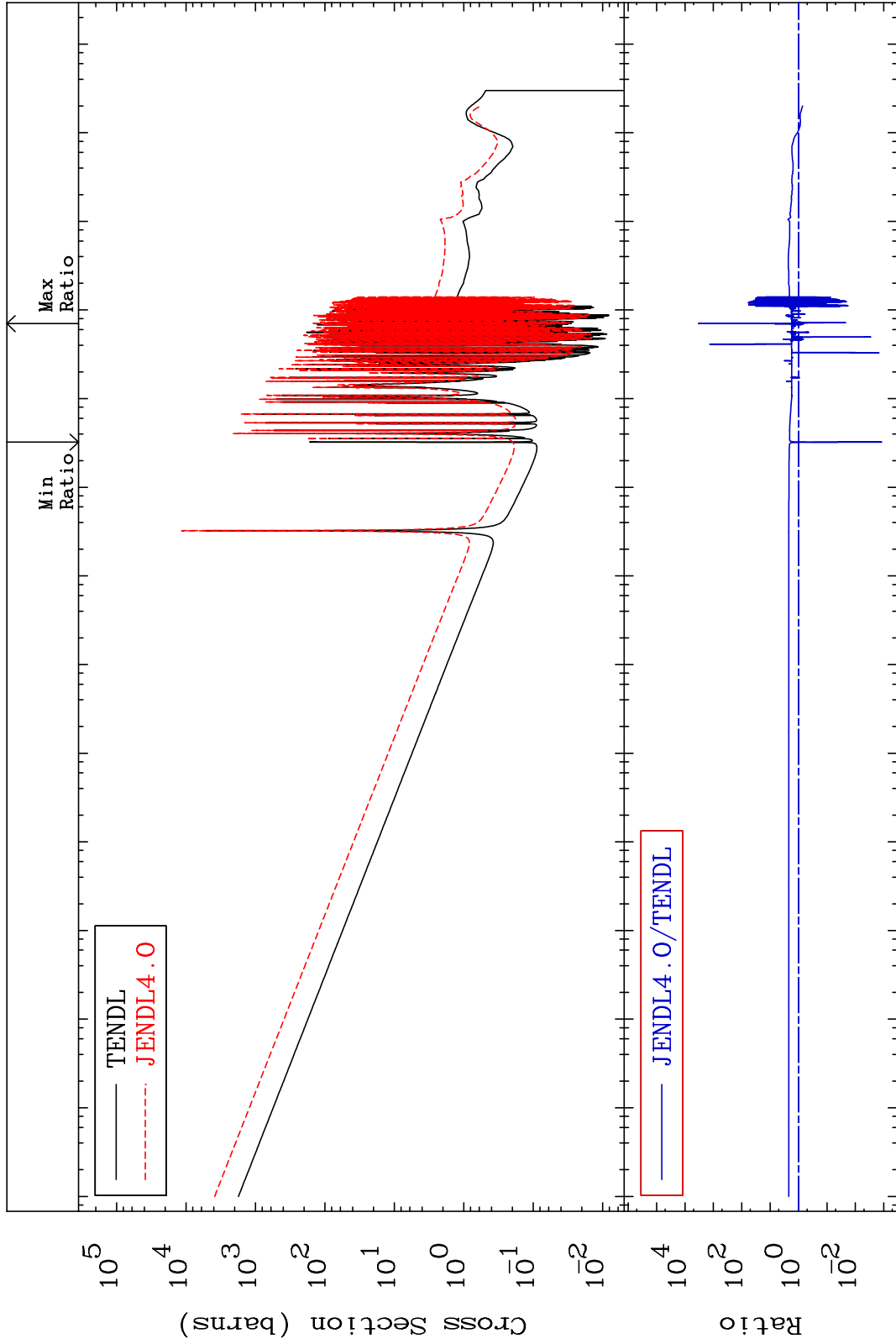
30-Zn-66
-83.03 To 9999. %



MAT 3031

Kerma capture (mt102)
Cross Section

30-Zn-66
-99.88 To 9999. %



48

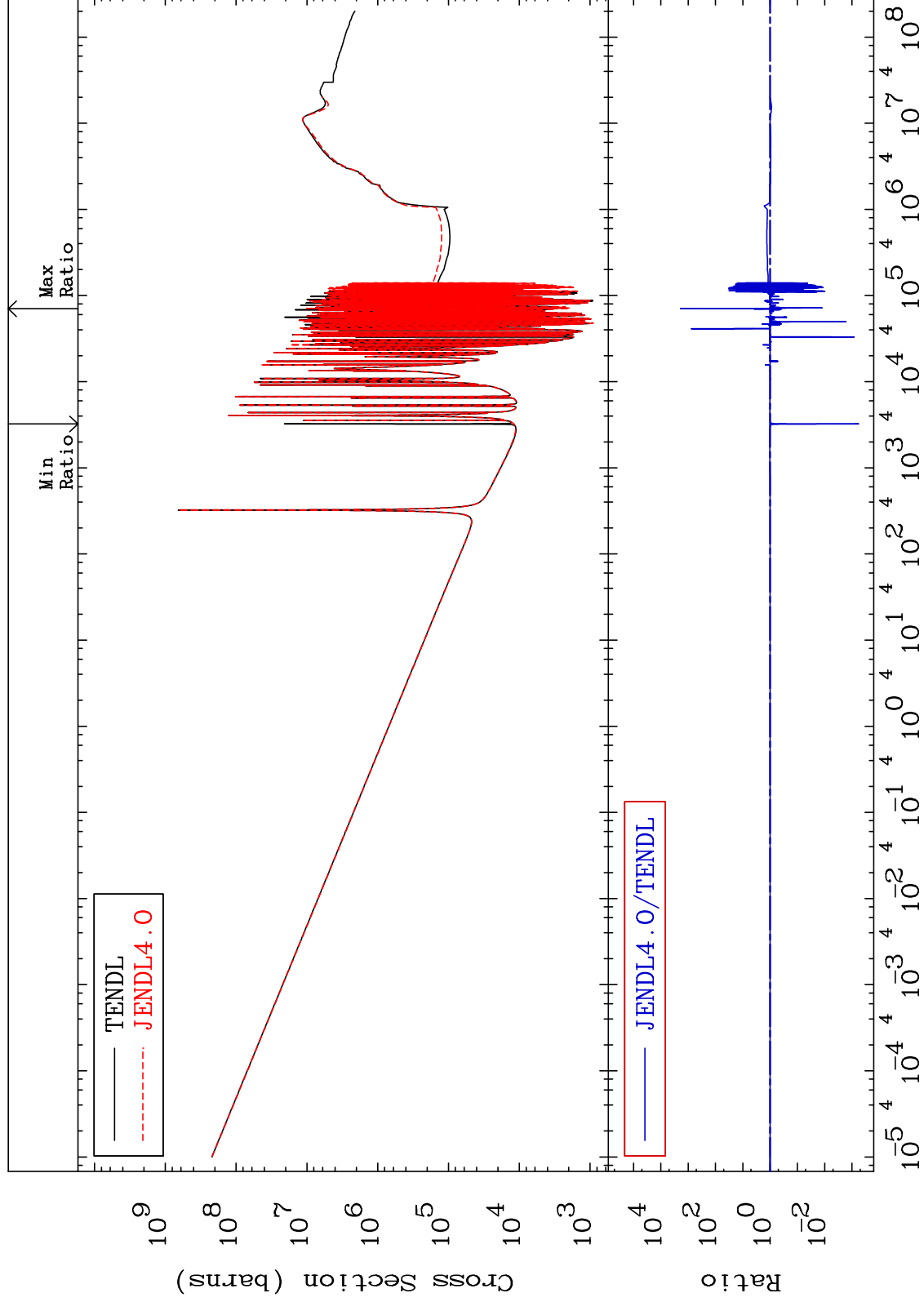
Incident Energy (eV)

30-Zn-66

MAT 3031

Total photon (eV-barns)
Cross Section

30-Zn-66
-99.94 To 9999. %



49

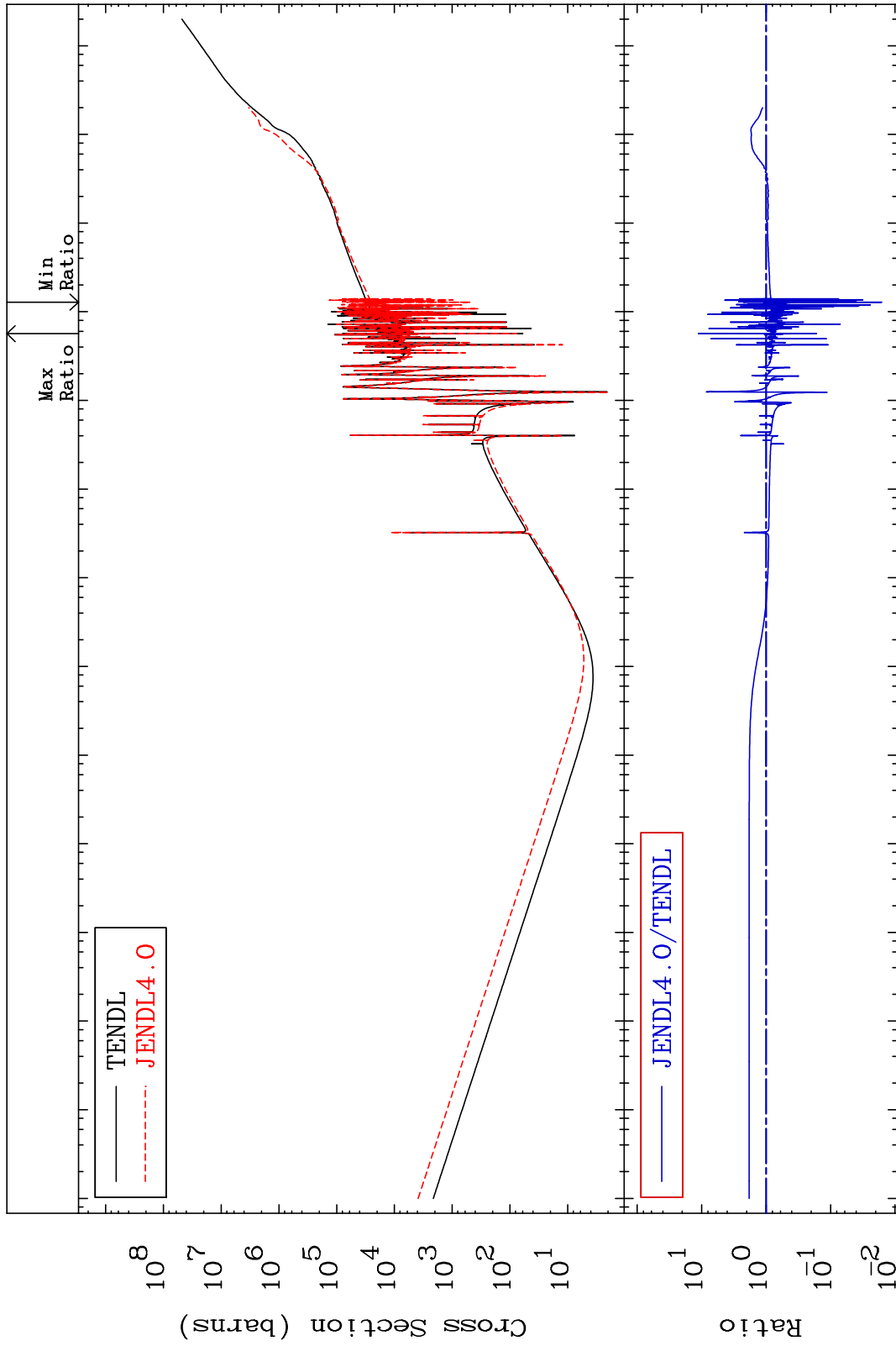
Incident Energy (eV)

30-Zn-66

MAT 3031

Total kinematic kerma (high limit)
Cross Section

30-Zn-66
-98.38 To 1024. %



50

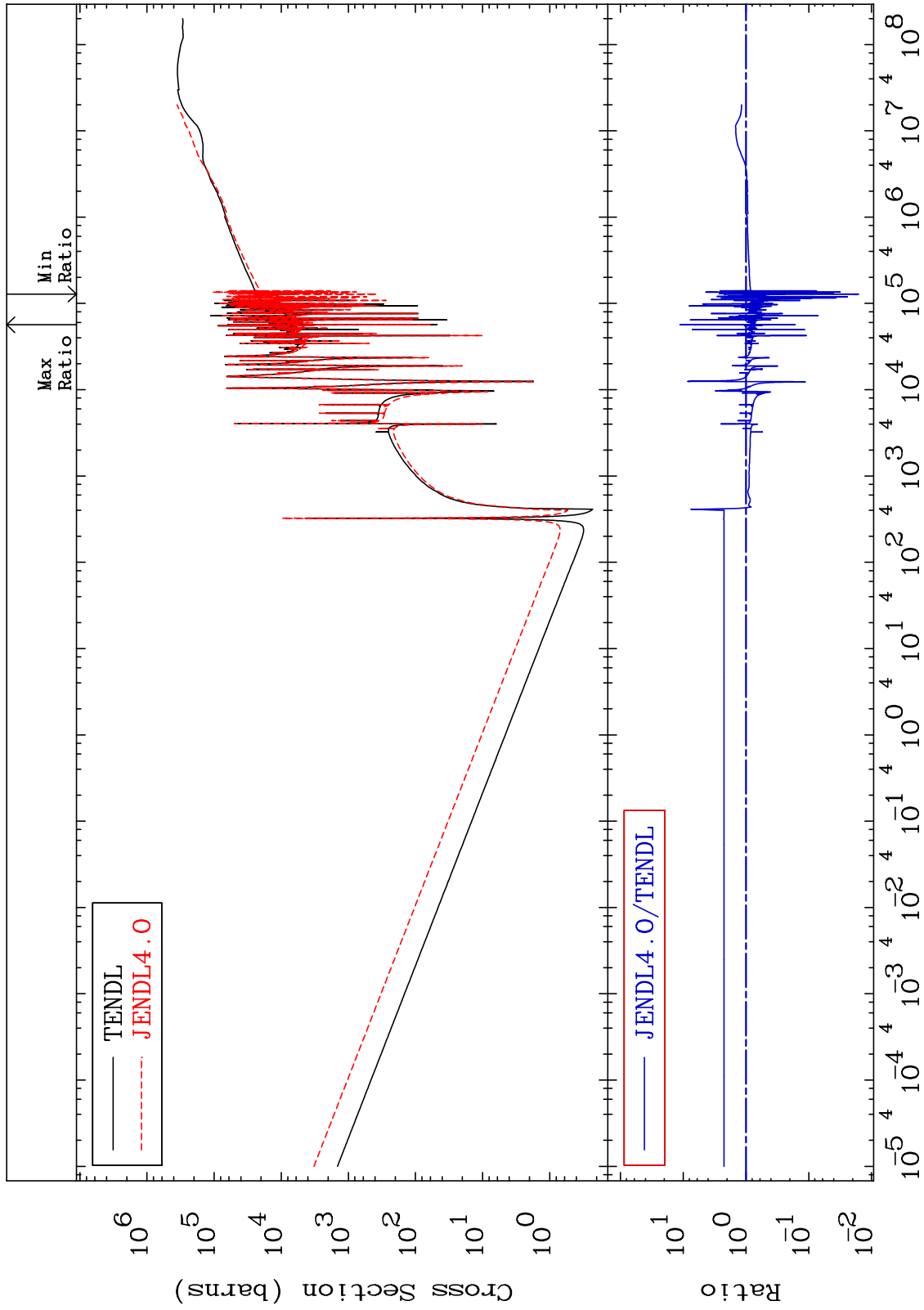
Incident Energy (eV)

30-Zn-66

MAT 3031

Dpa total (eV-barns)
Cross Section

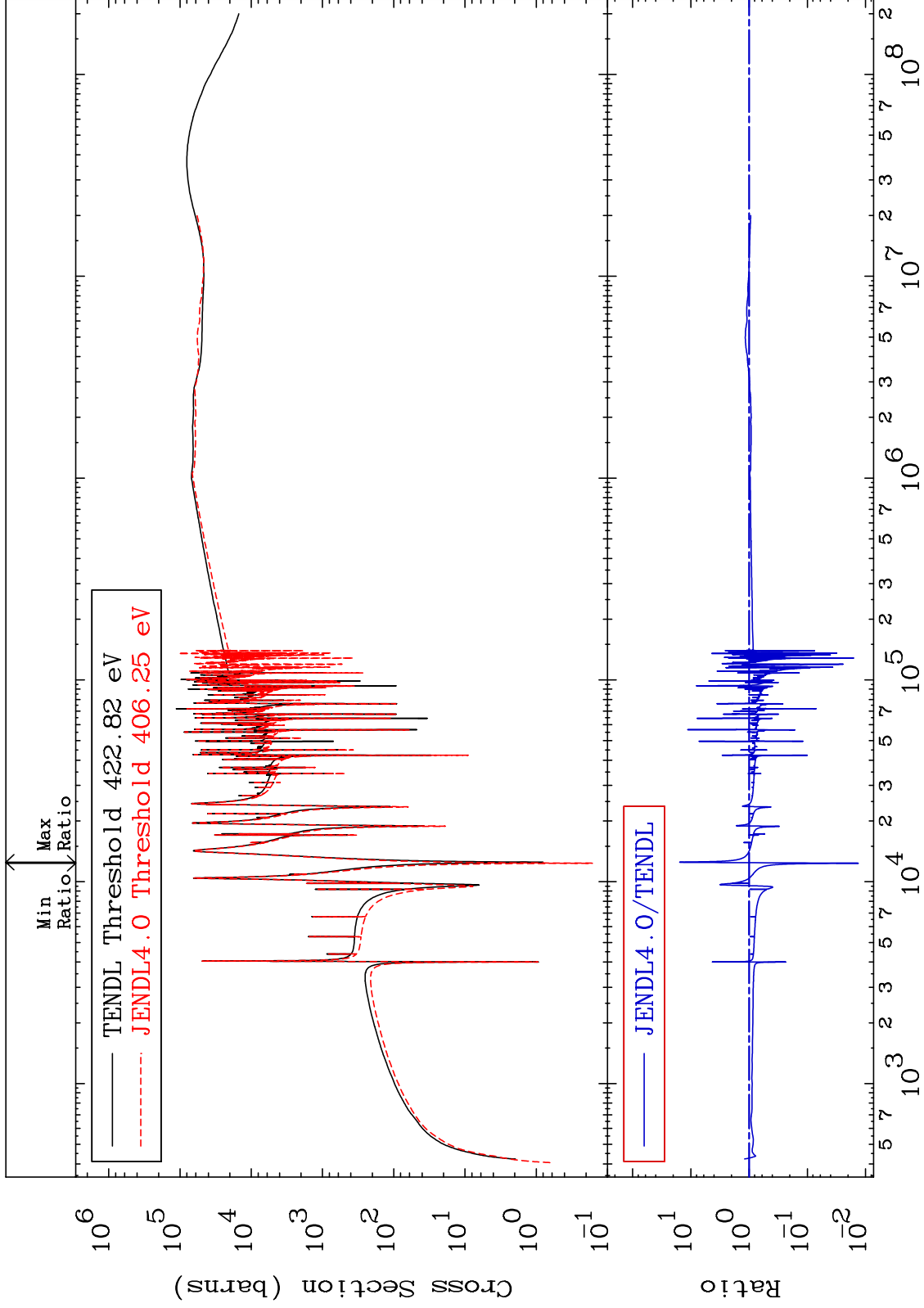
30-Zn-66
-98.38 To 1024. %



MAT 3031

Dpa elastic (mt2)
Cross Section

30-Zn-66
-98.67 To 1444. %



52

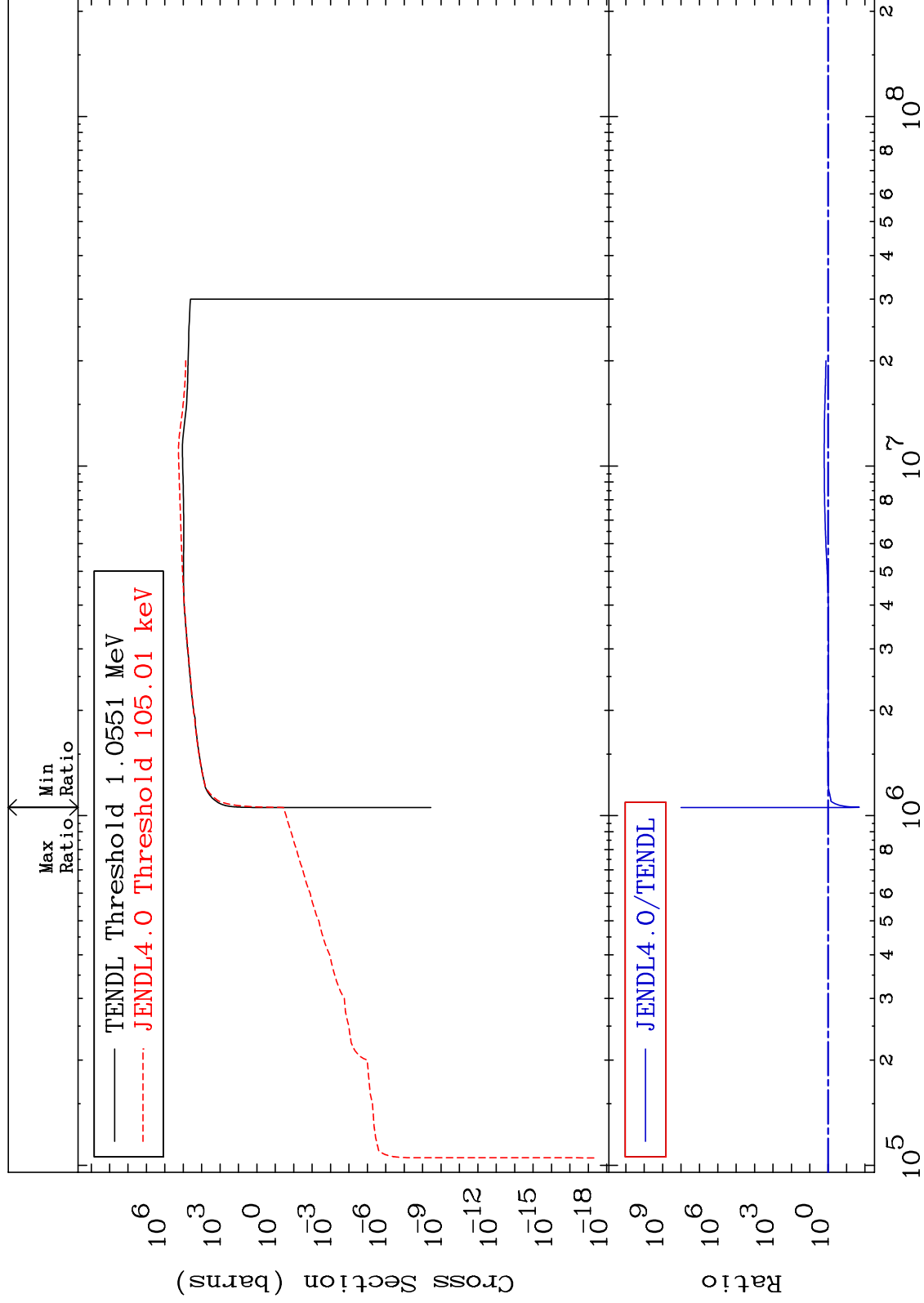
Incident Energy (eV)

30-Zn-66

MAT 3031

Dpa inelastic (mt51-91)
Cross Section

30-Zn-66
-97.98 To 9999. %



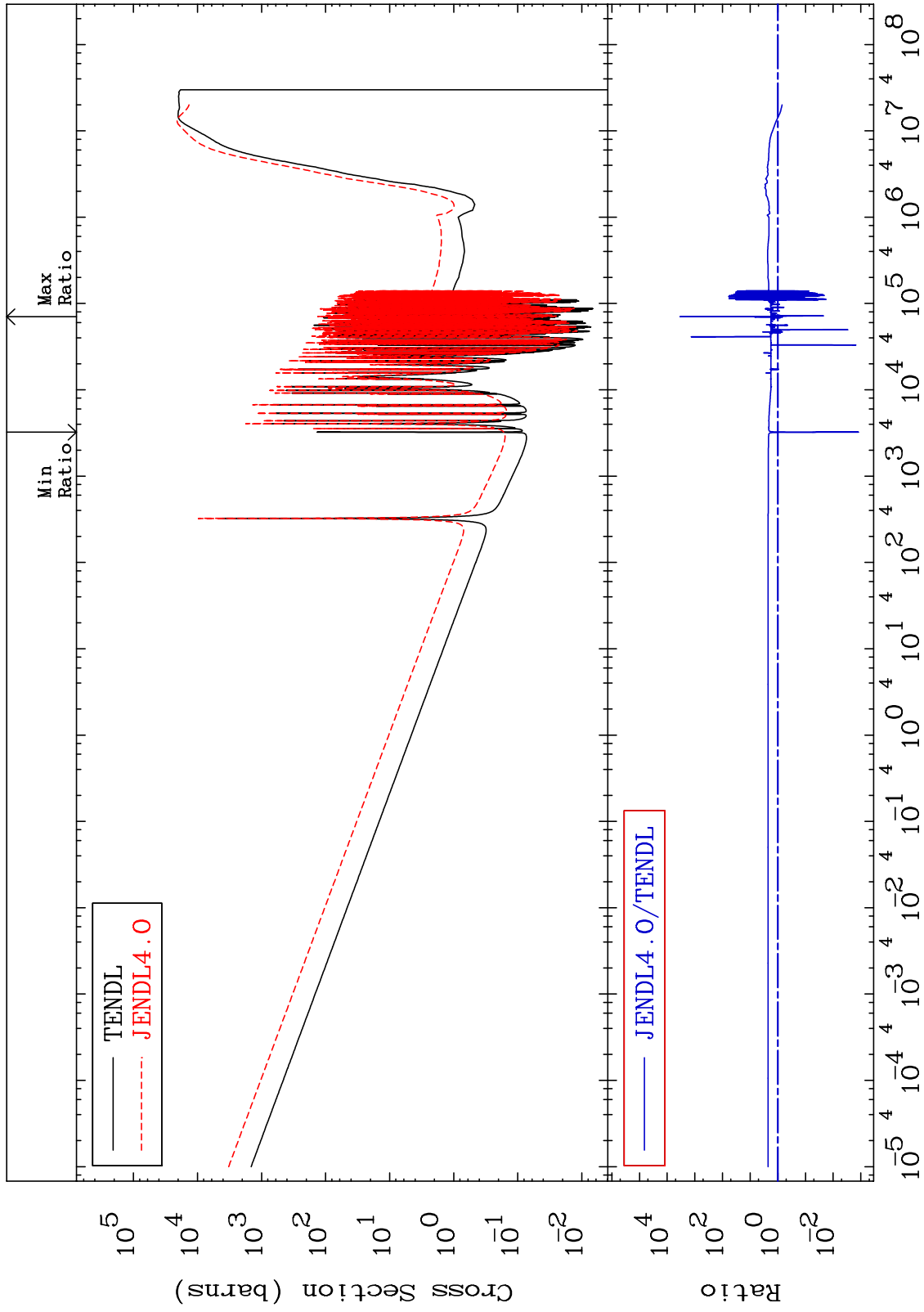
30-Zn-66

53

MAT 3031

Dpa disappearance (mt102 -120)
Cross Section

30-Zn-66
-99.88 To 9999. %

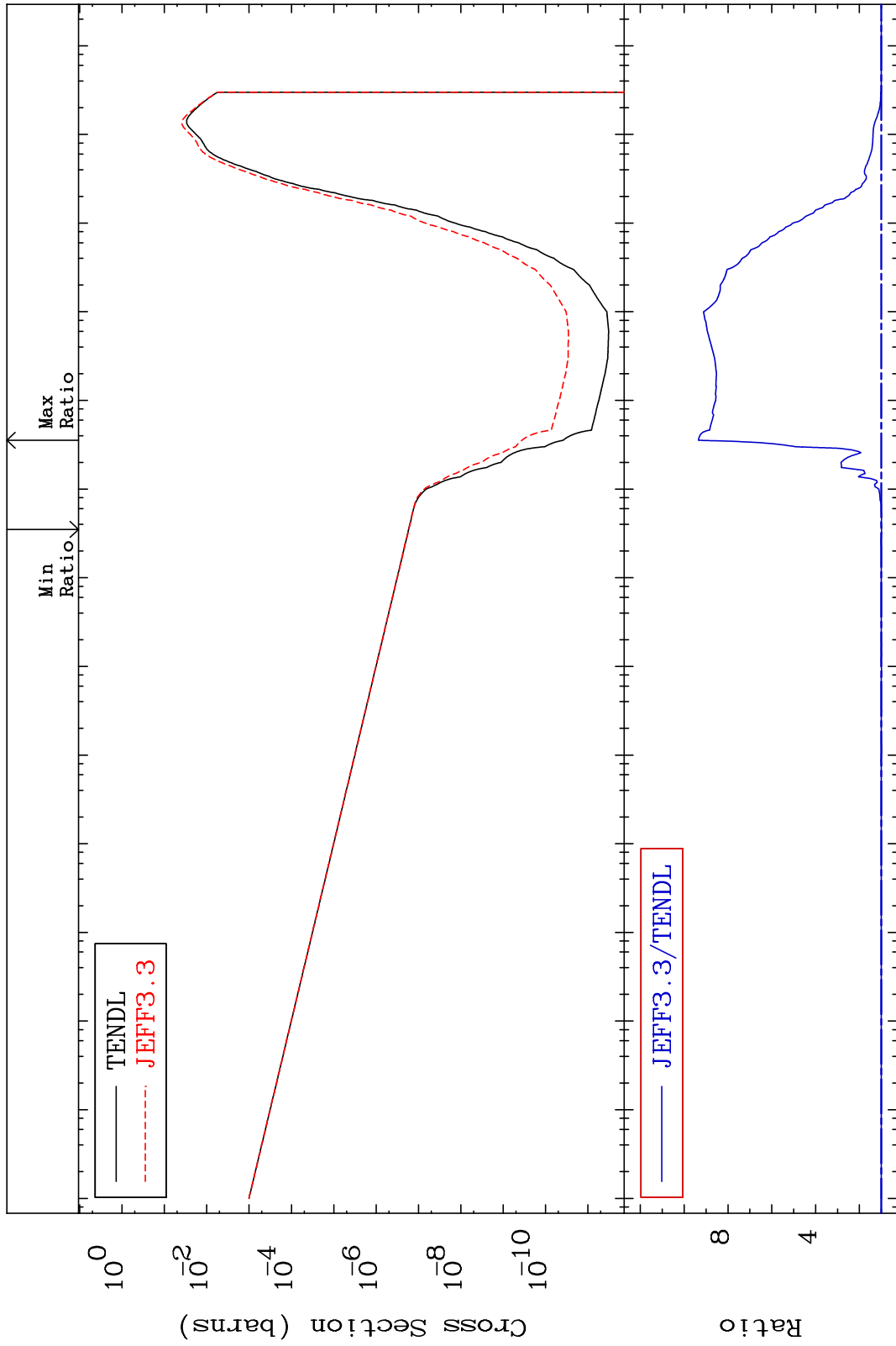


MAT 3031

30-Zn-66

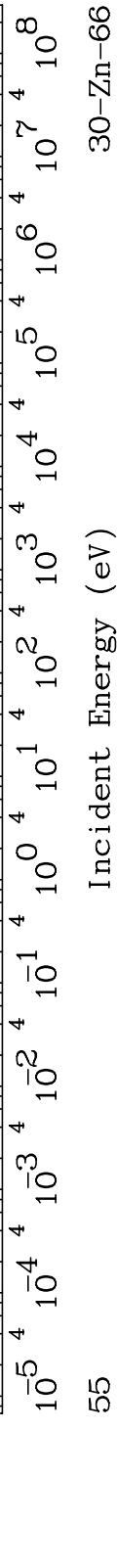
(n, α)

Cross Section -1.020 To 835.2 %



— TENDL
- - - JEFF3.3

— JEFF3.3/TENDL

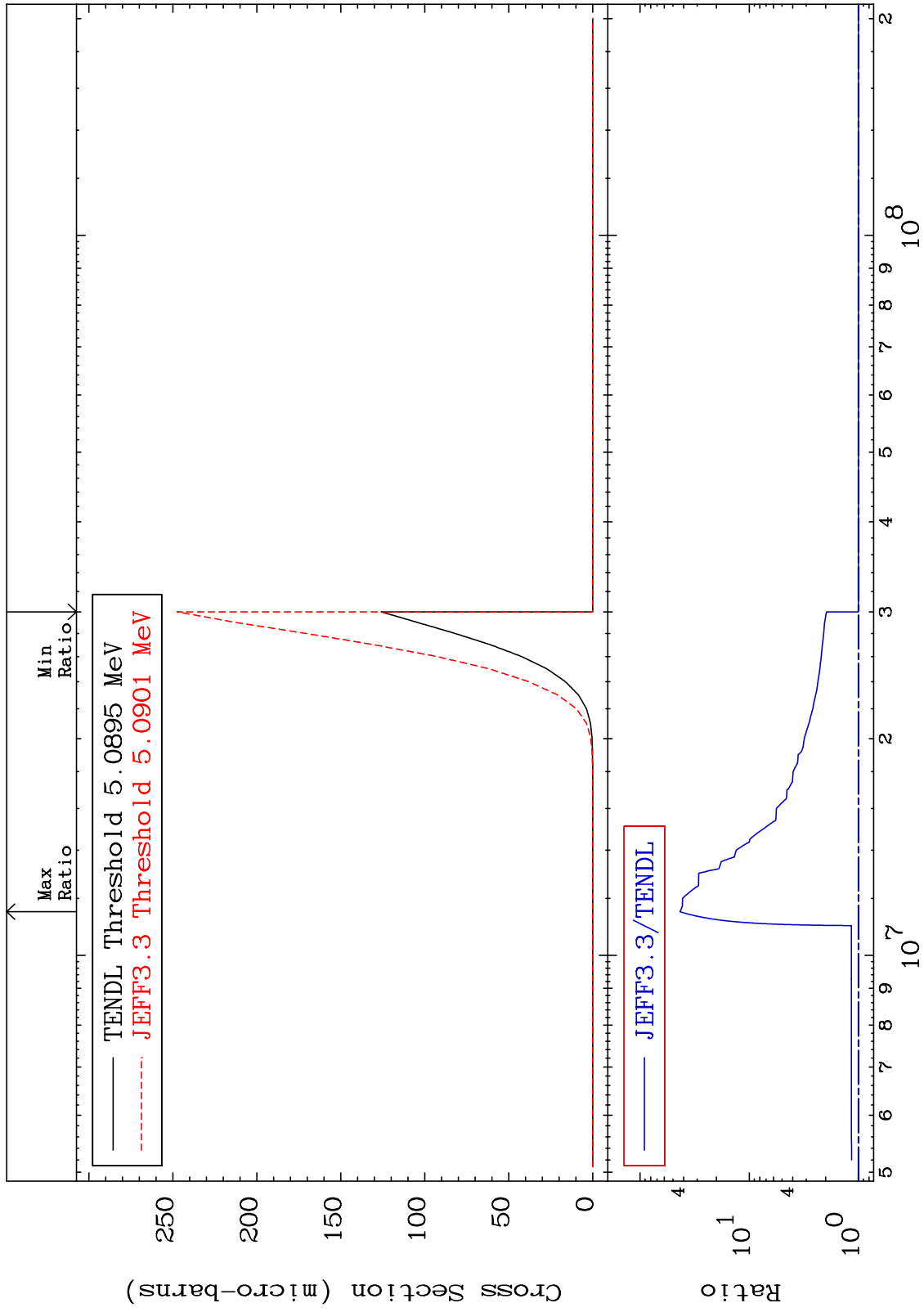


30-Zn-66

55

MAT 3031

(n, 2α) Cross Section
30-Zn-66
0.000 To 4210. %



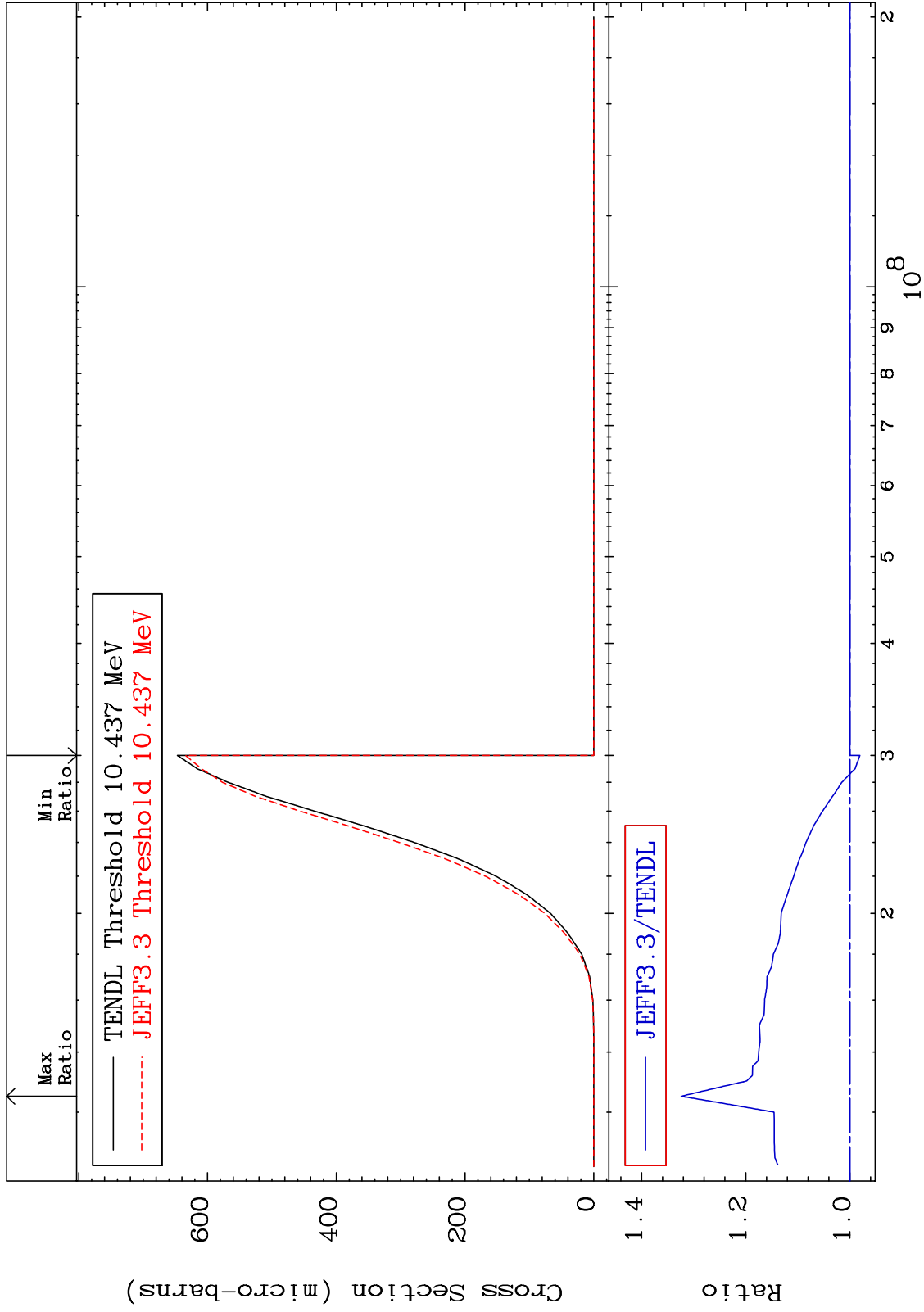
MAT 3031

(n,2p)

30-Zn-66

Cross Section

-1.955 To 32.40 %



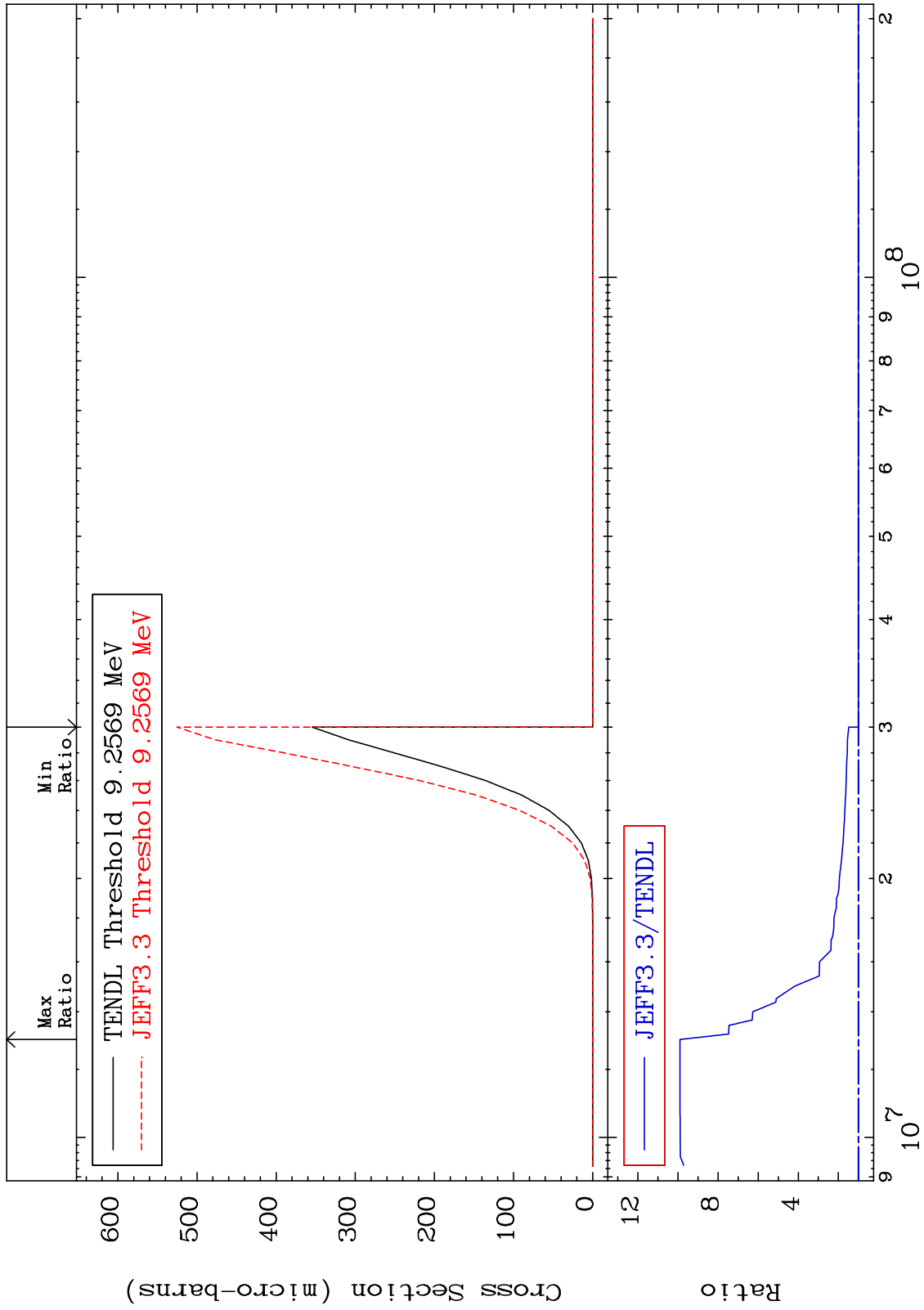
MAT 3031

(n,p) α

30-Zn-66

Cross Section

0.000 To 890.0 %



58

Incident Energy (eV)

30-Zn-66

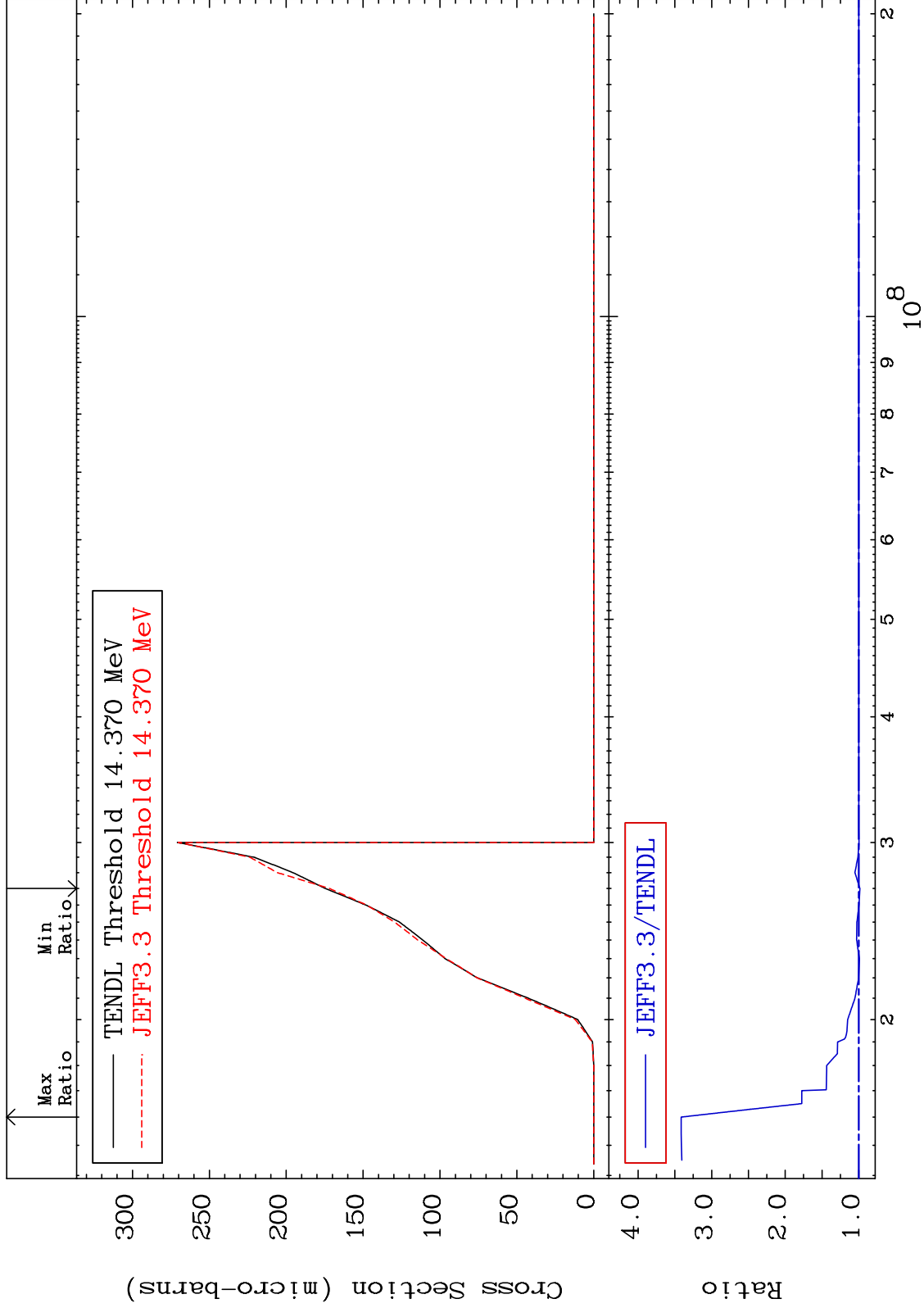
MAT 3031

(n,p) d

30-Zn-66

Cross Section

-1.571 To 241.4 %



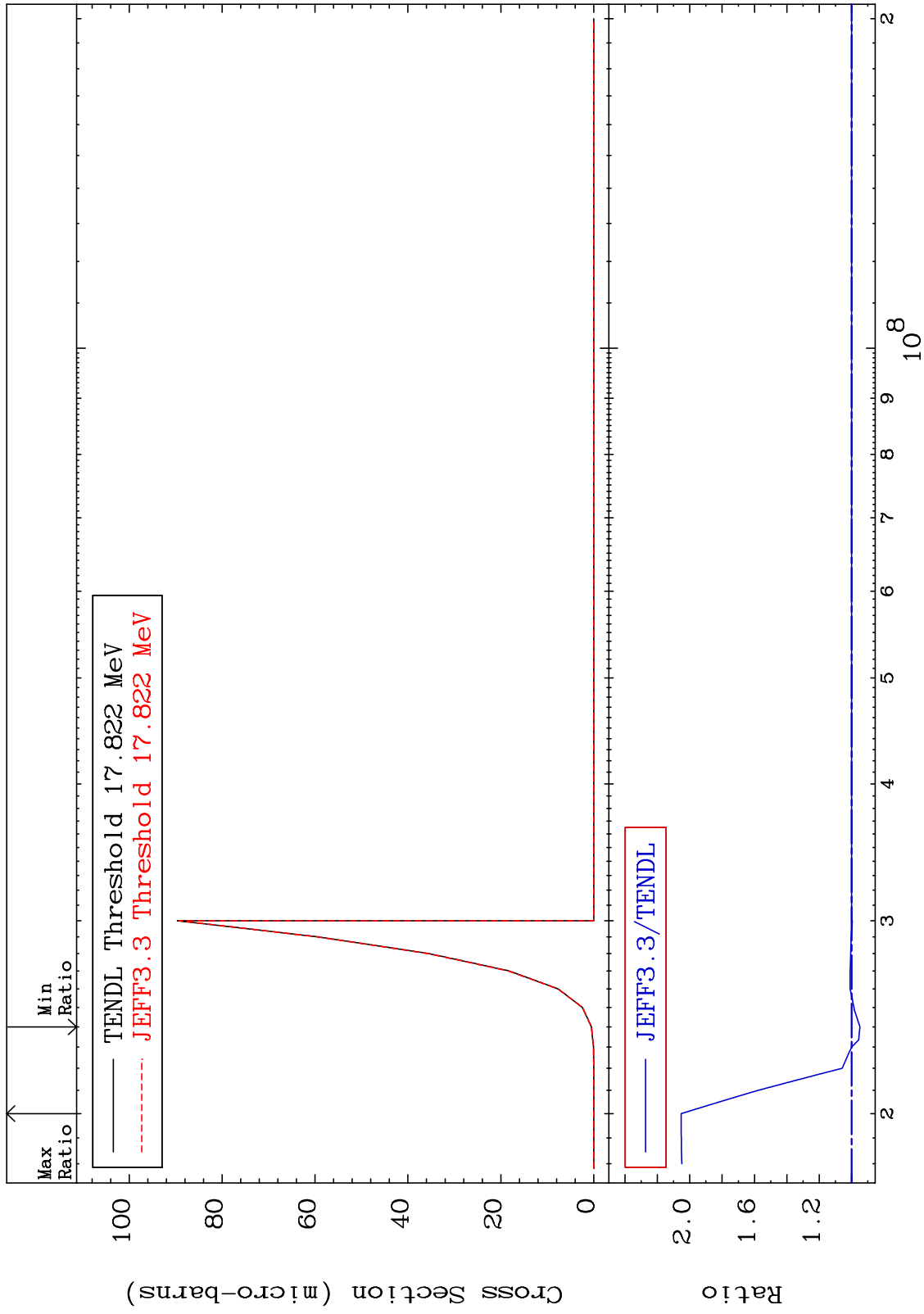
MAT 3031

(n,p) t

30-Zn-66

Cross Section

-5.114 To 105.3 %



60

Incident Energy (eV)

30-Zn-66

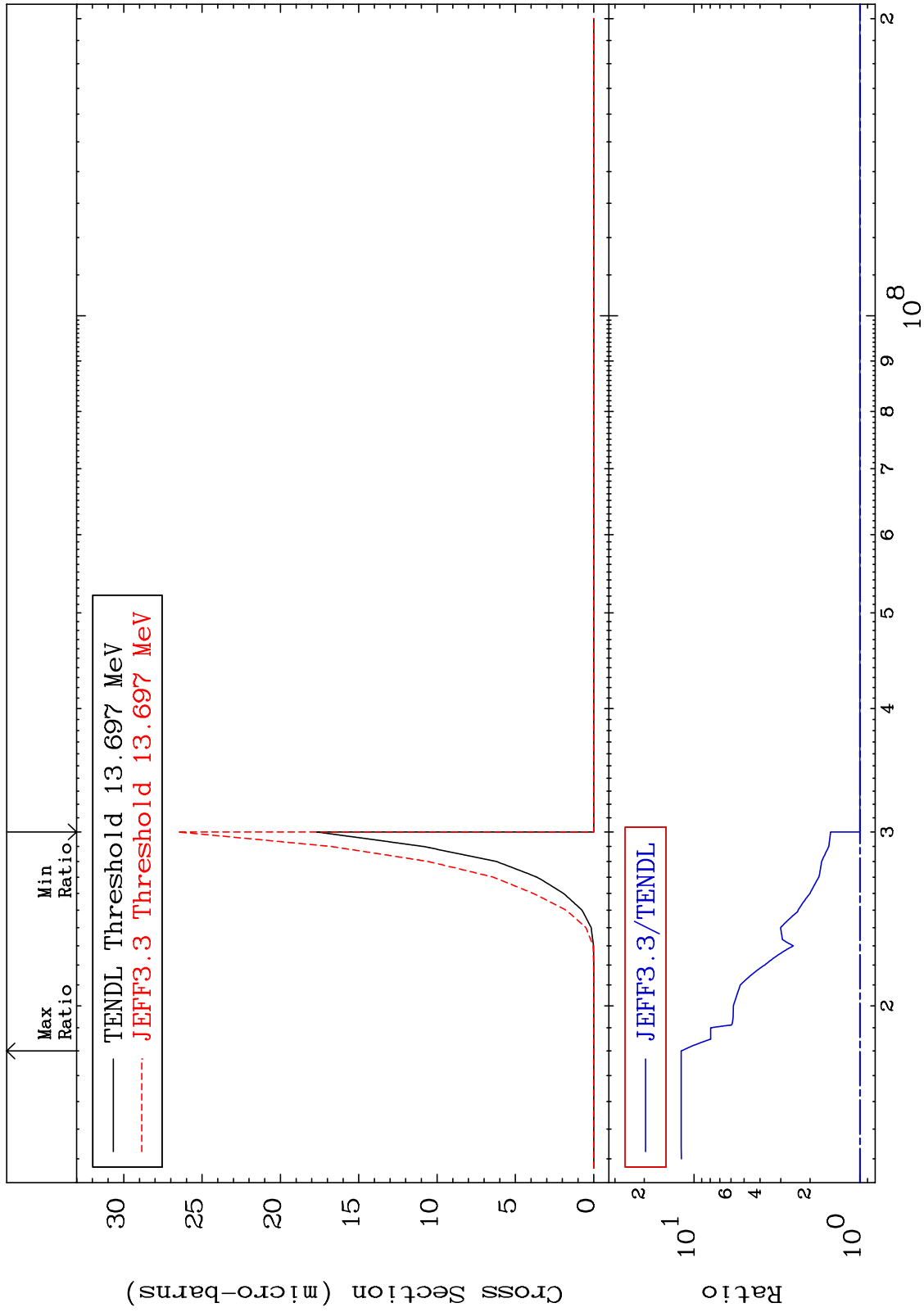
MAT 3031

(n,d) α

30-Zn-66

Cross Section

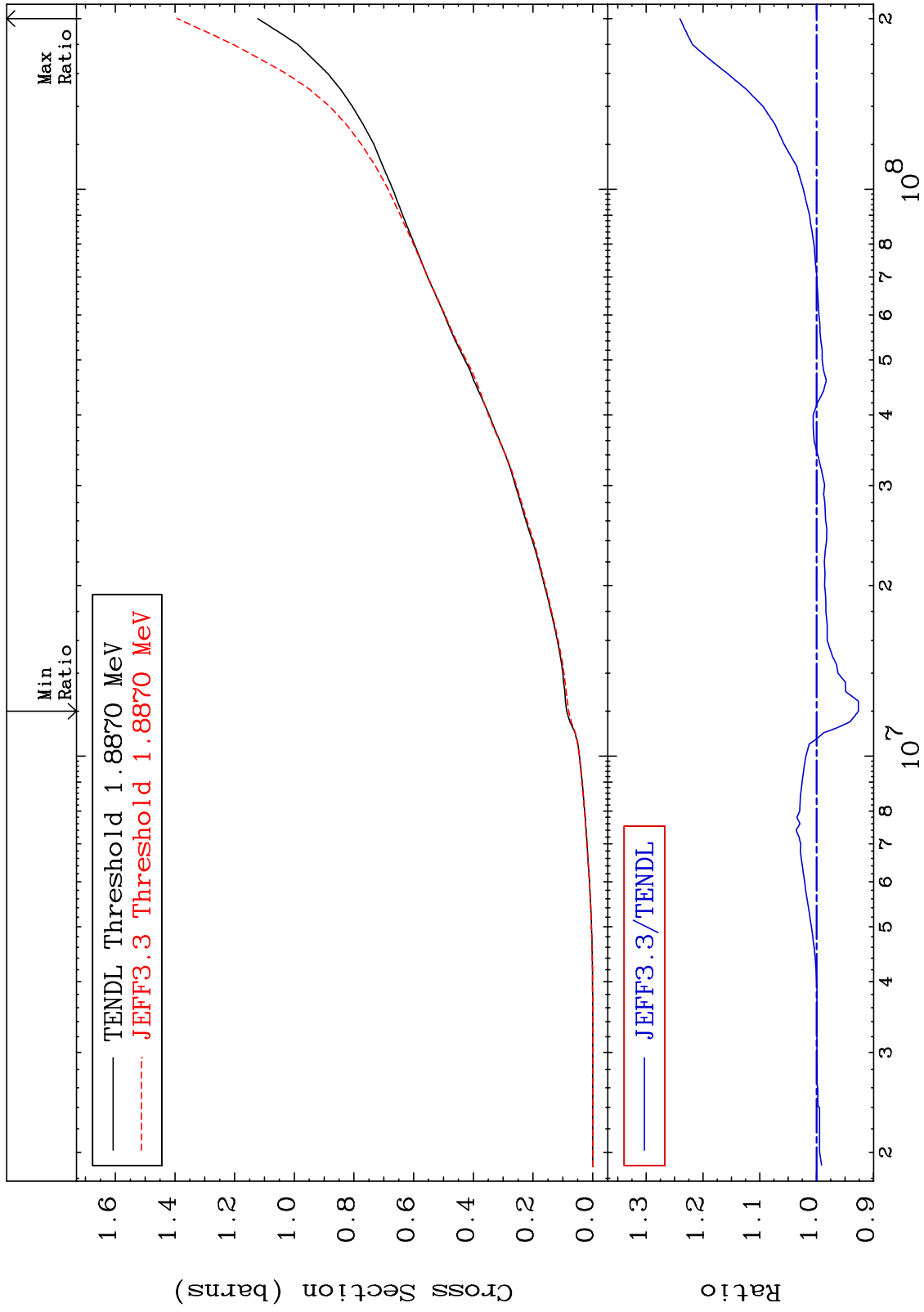
0.000 To 1096. %



MAT 3031

Hydrogen Production
Cross Section

30-Zn-66
-7.367 To 24.04 %



62

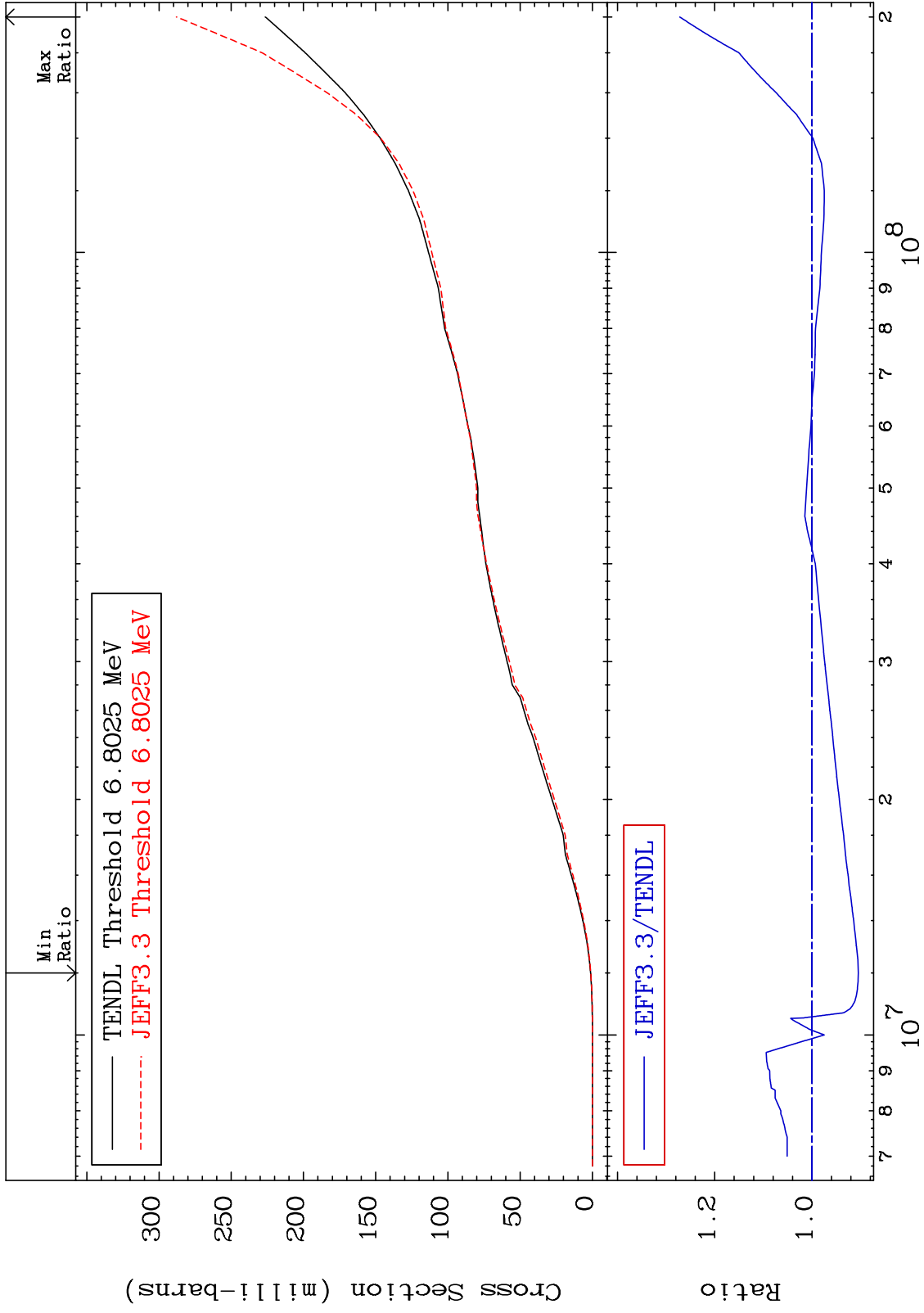
Incident Energy (eV)

30-Zn-66

MAT 3031

Deuterium Production
Cross Section

30-Zn-66
-9.543 To 27.19 %



63

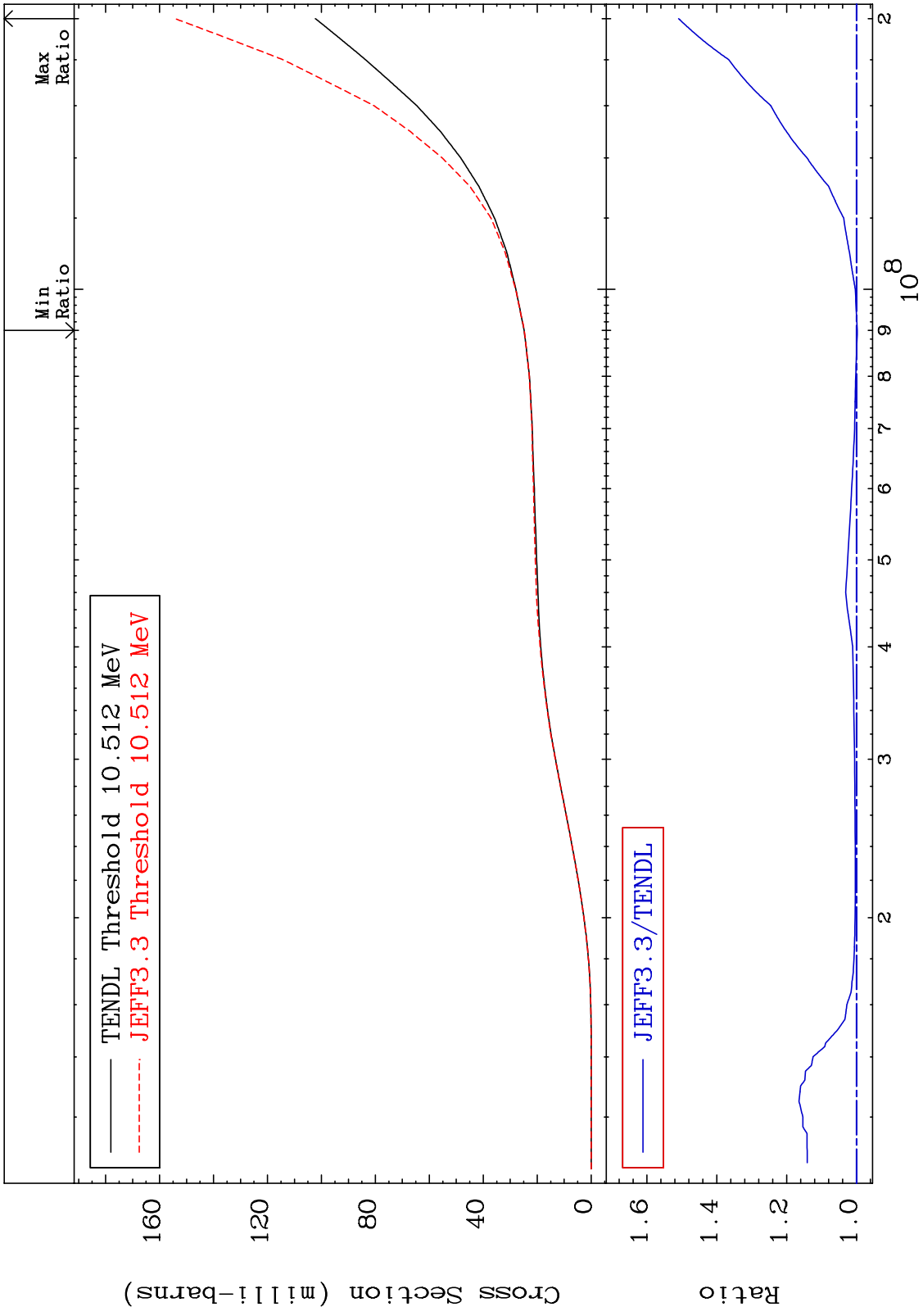
Incident Energy (eV)

30-Zn-66

MAT 3031

Tritium Production
Cross Section

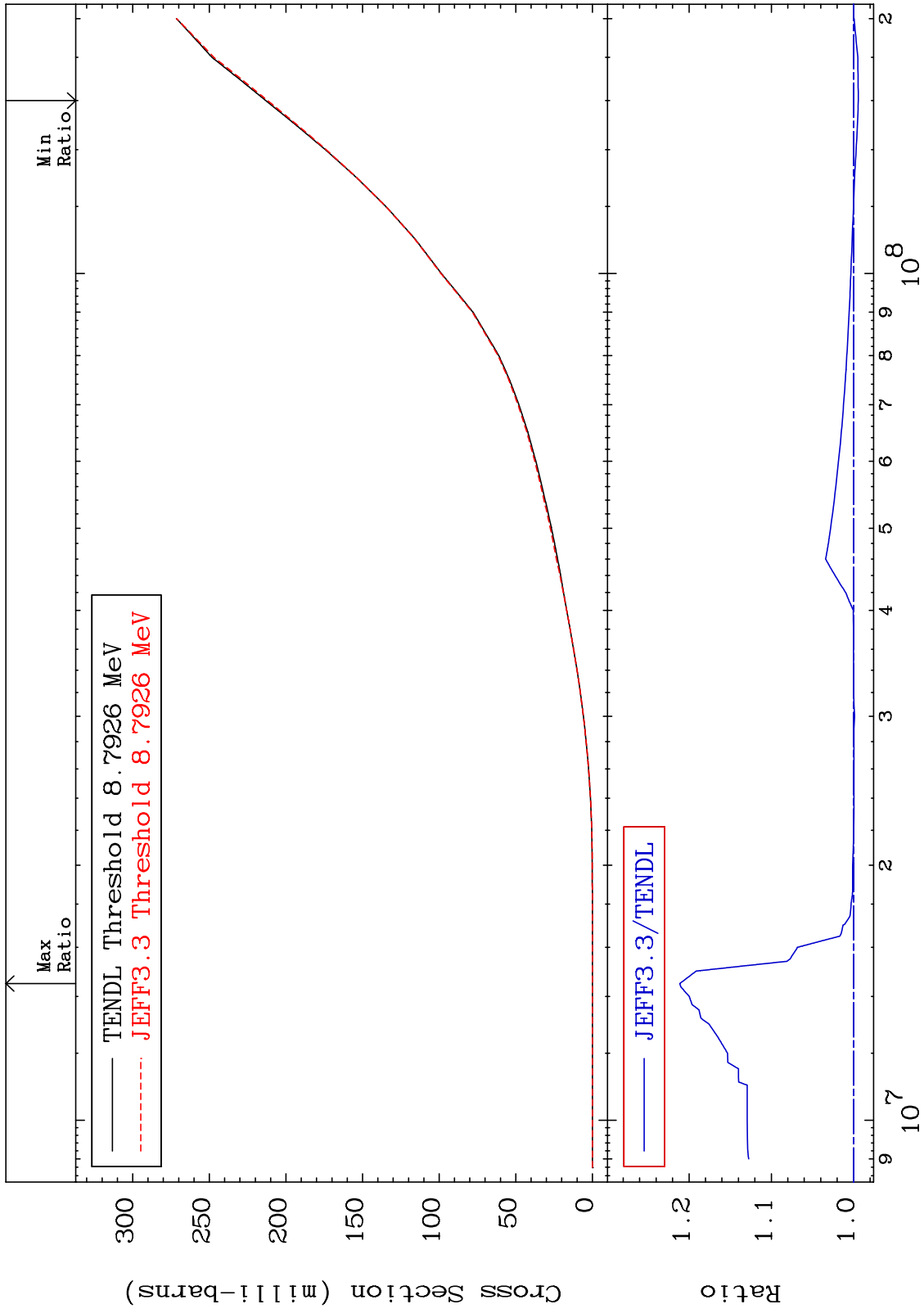
30-Zn-66
-0.231 To 50.94 %



MAT 3031

He-3 Production
Cross Section

30-Zn-66
-0.571 To 21.12 %



65

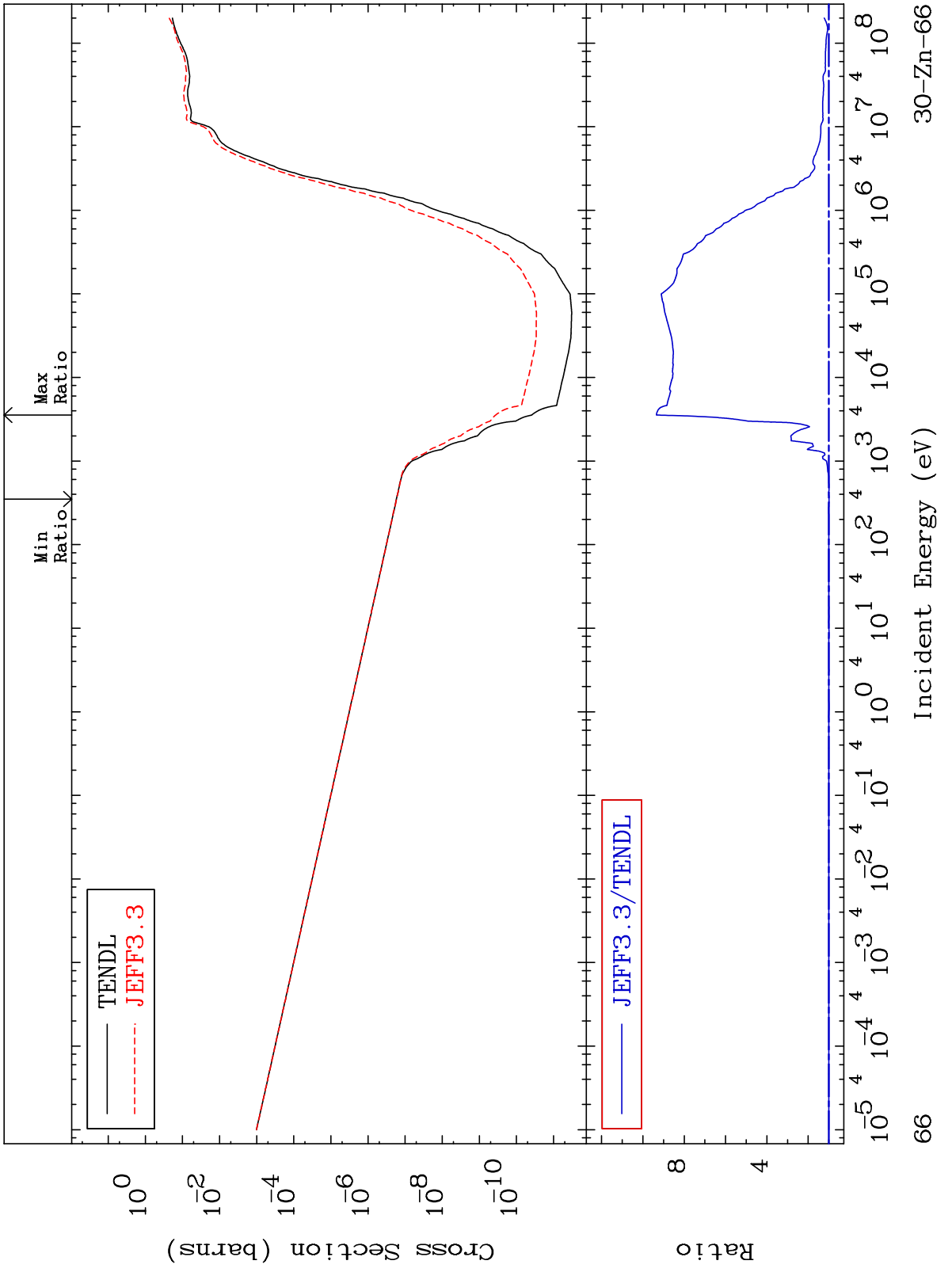
Incident Energy (eV)

30-Zn-66

MAT 3031

He-4 Production
Cross Section

30-Zn-66
-1.020 To 835.2 %



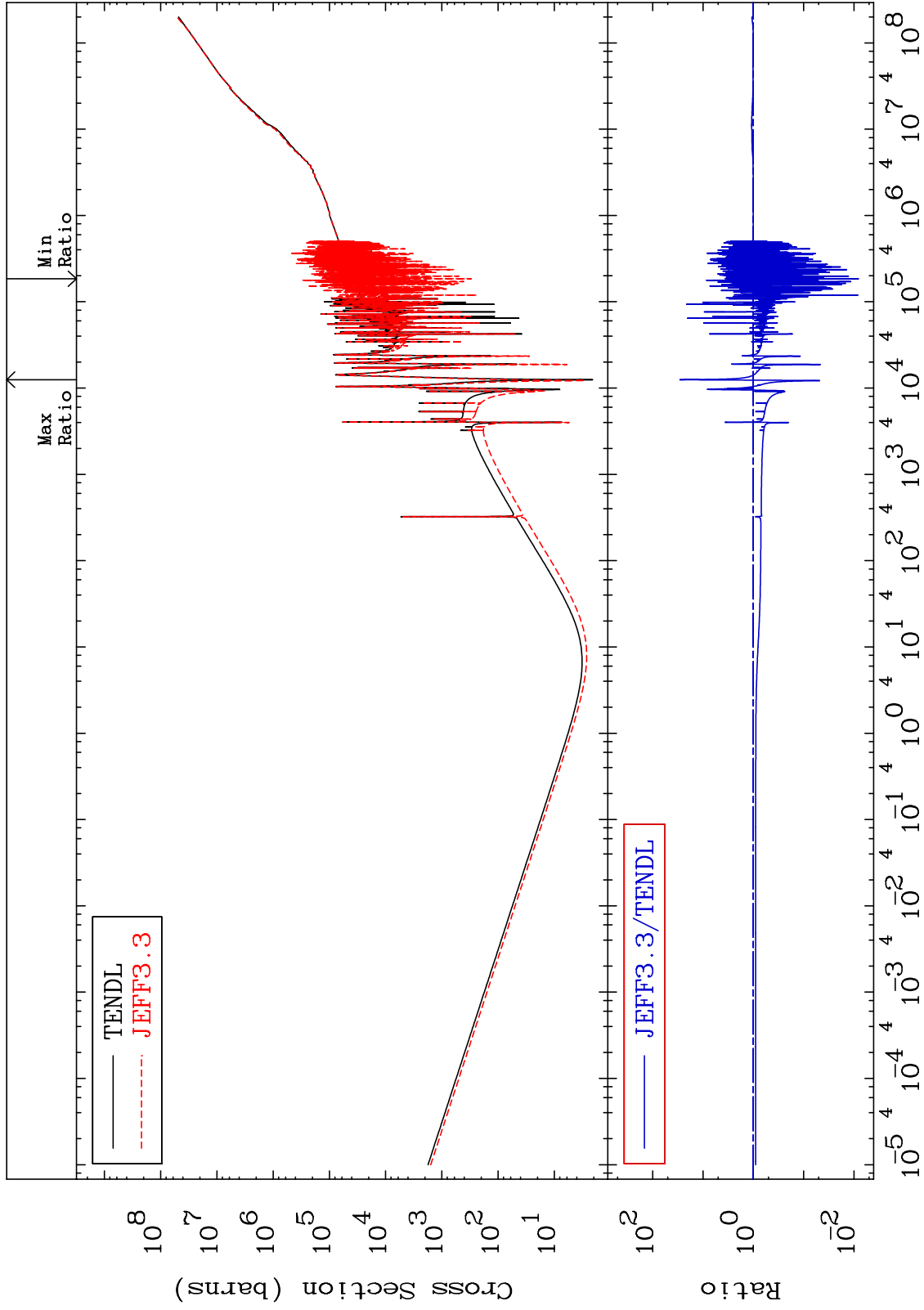
66

30-Zn-66

MAT 3031

Kerma total (eV-barns)
Cross Section

30-Zn-66
-99.19 To 2763. %



67

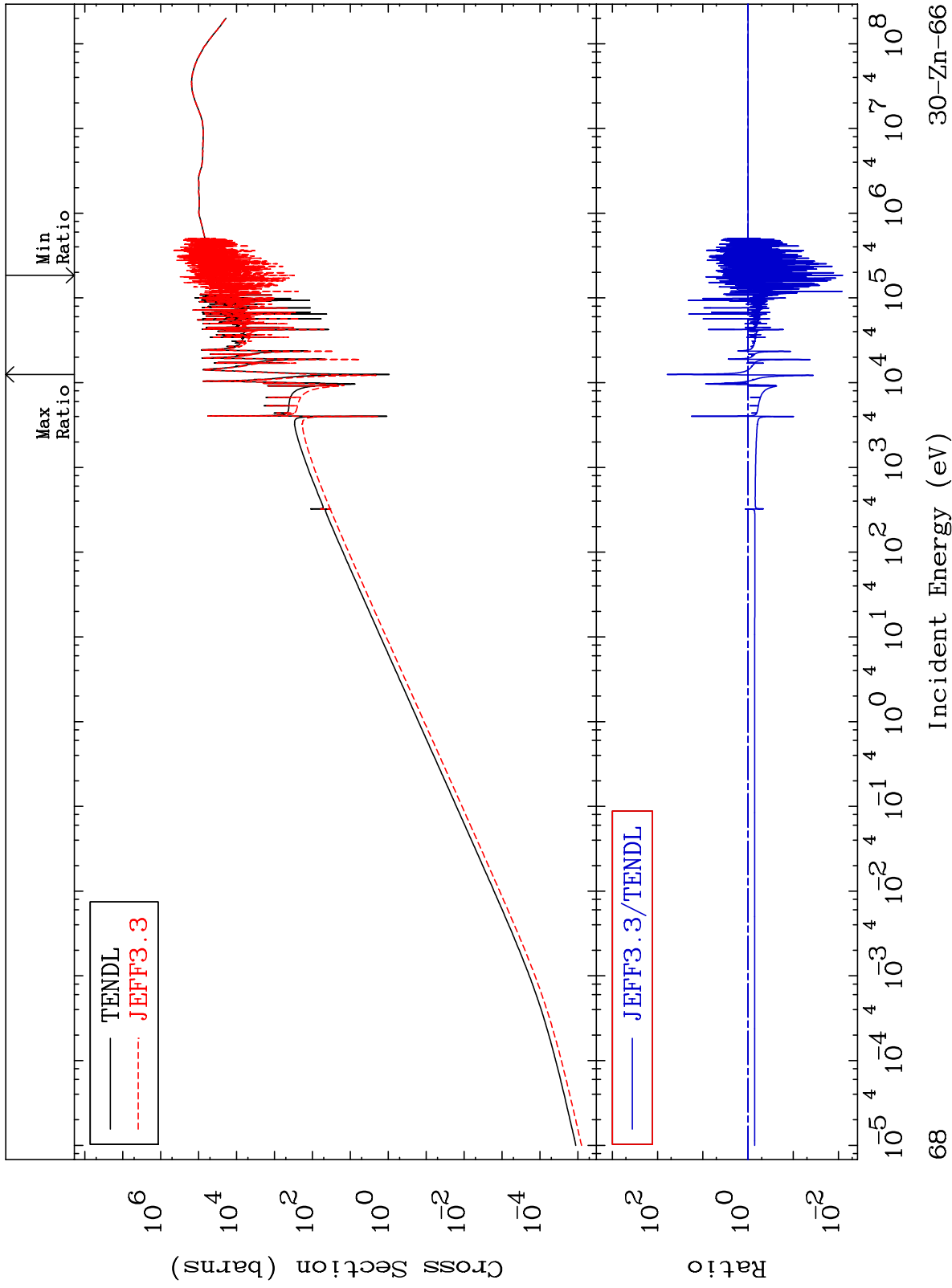
Incident Energy (eV)

30-Zn-66

MAT 3031

Kerma elastic
Cross Section

30-Zn-66
-99.19 To 5992. %



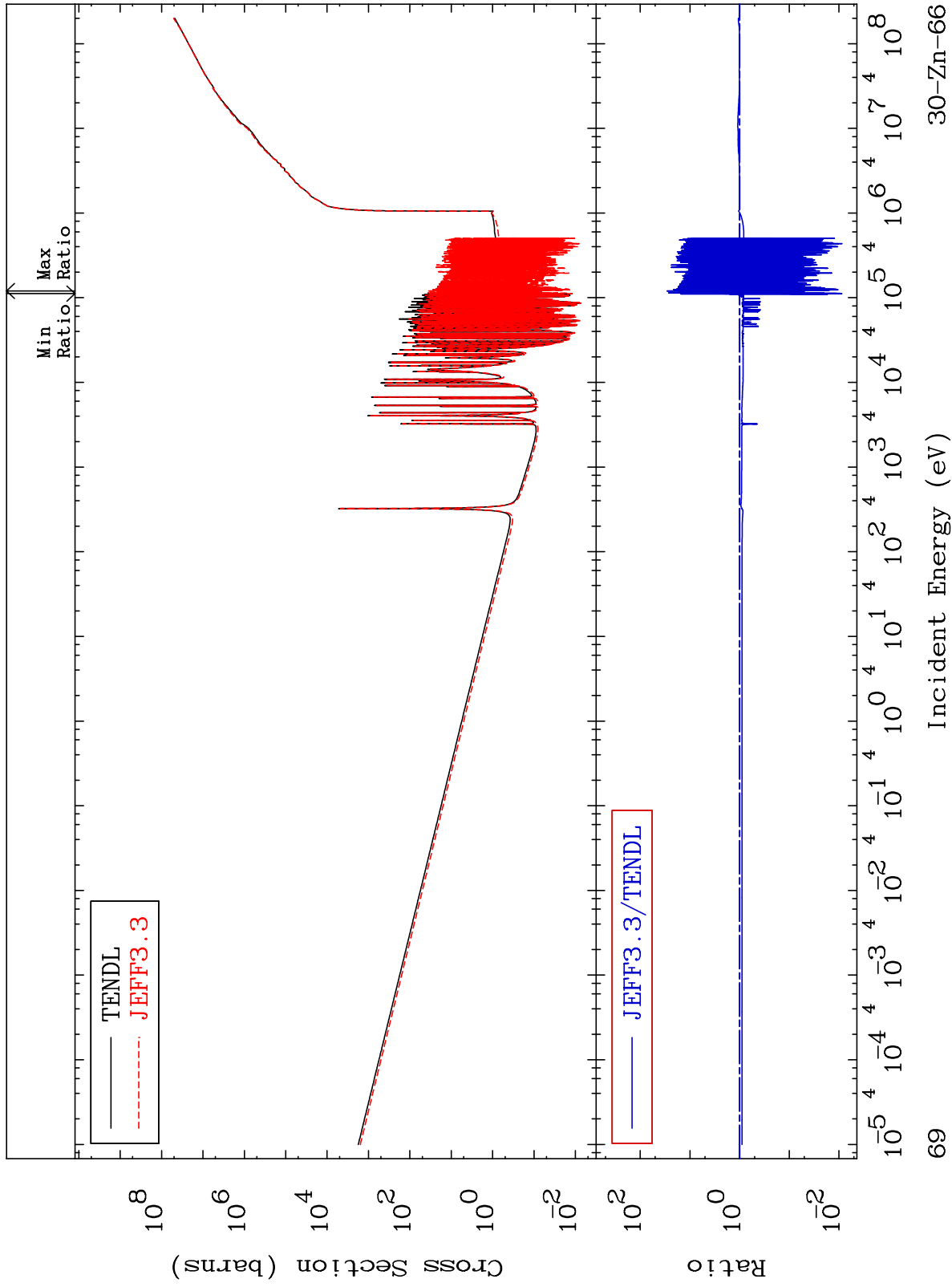
68

30-Zn-66

MAT 3031

Kerma non-elastic (all but mt2)
Cross Section

30-Zn-66
-99.13 To 2798. %



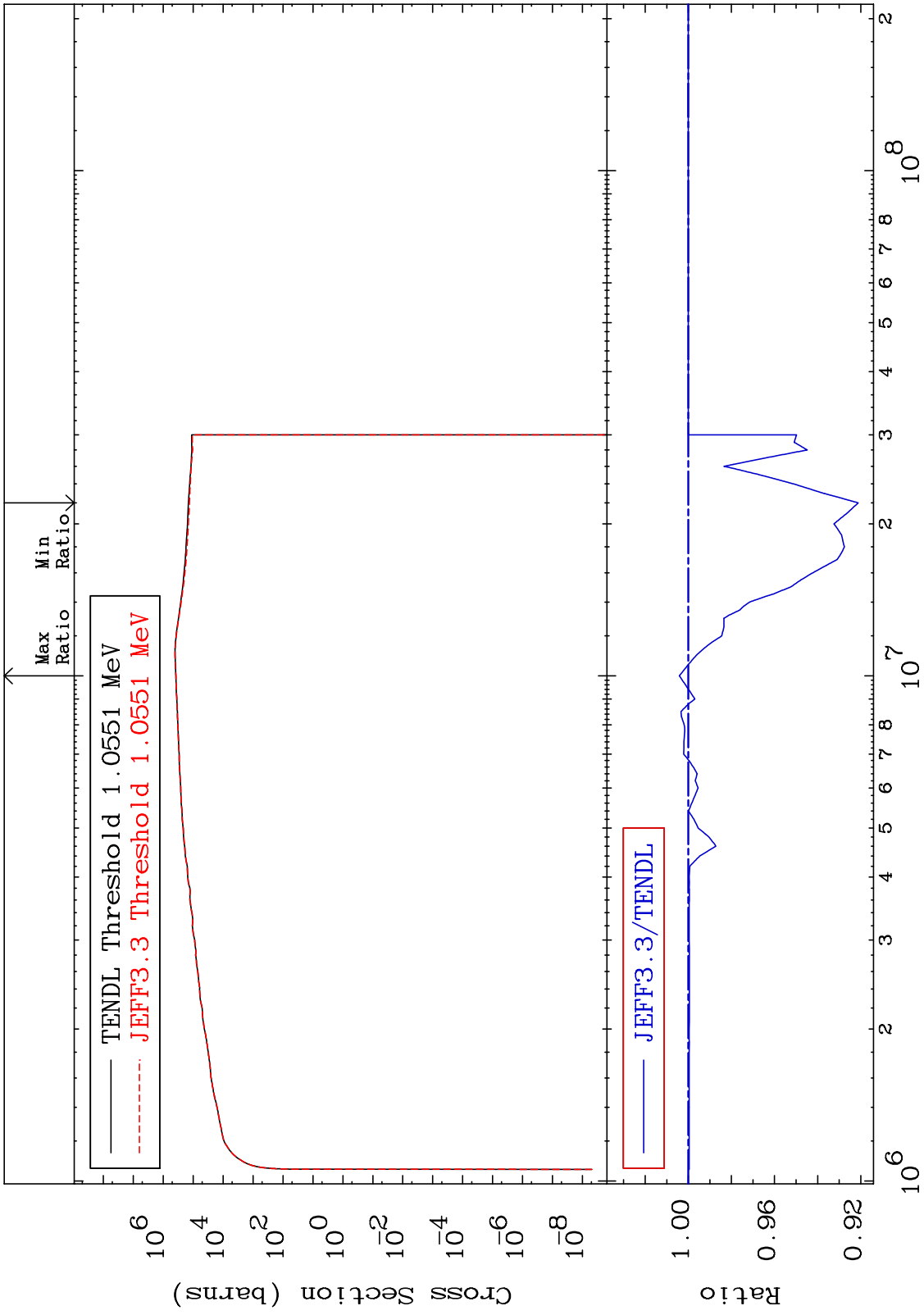
MAT 3031

Kerma inelastic (mt51-91)

30-Zn-66

-7.882 To 0.414 %

Cross Section



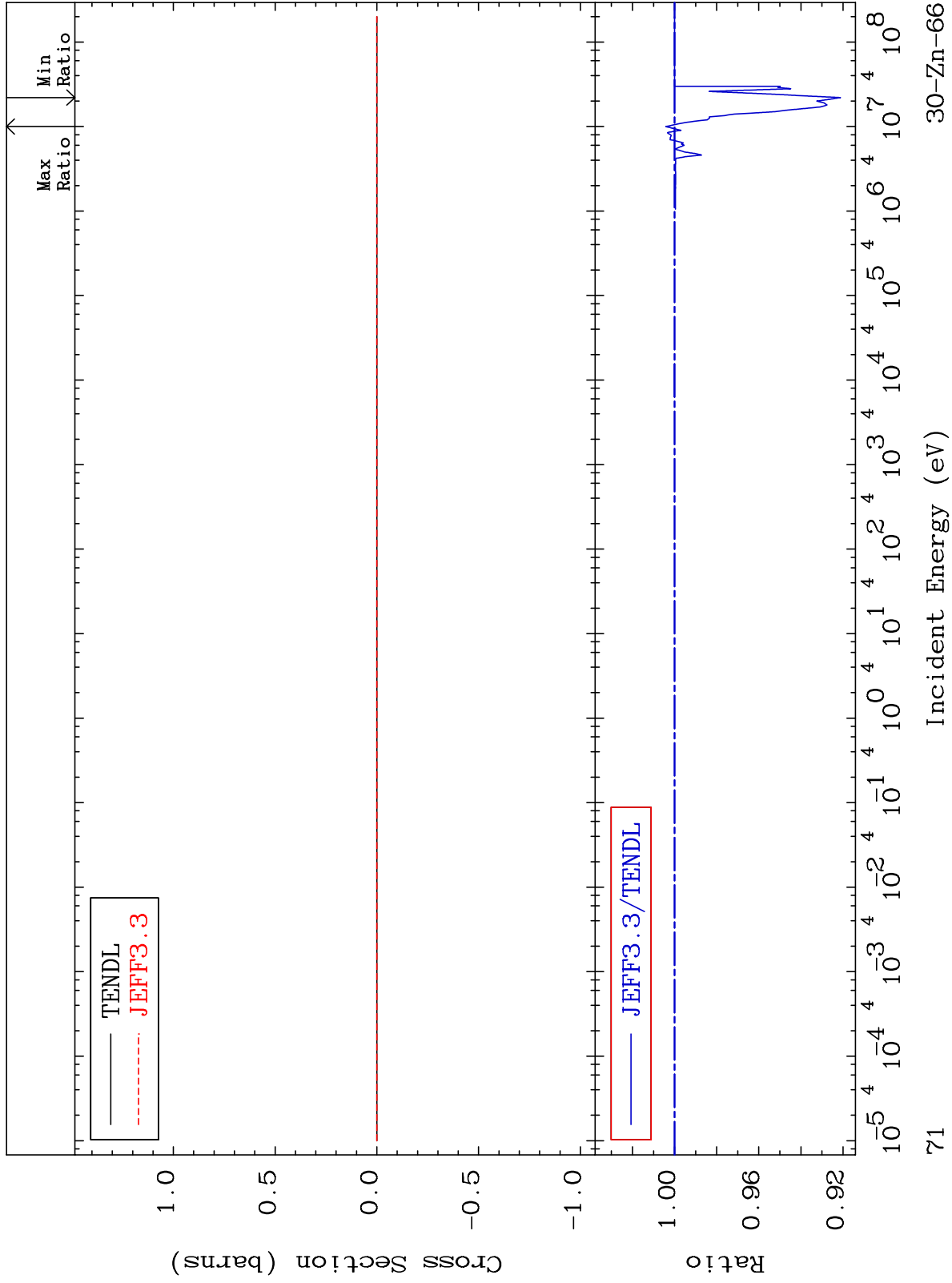
Incident Energy (eV)

30-Zn-66

MAT 3031

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

30-Zn-66
-7.882 To 0.414 %



71

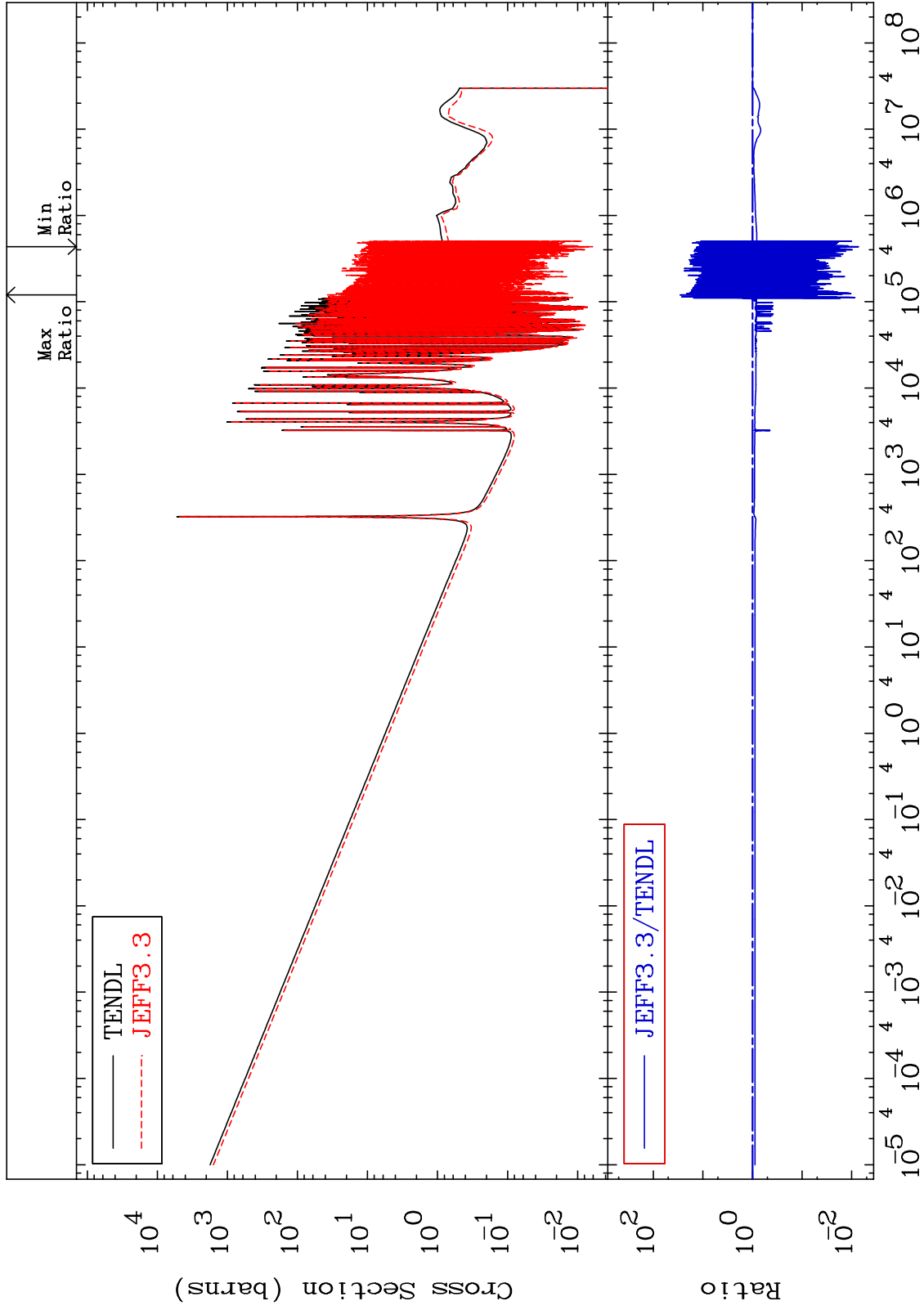
Incident Energy (eV)

30-Zn-66

MAT 3031

Kerma capture (mt102)
Cross Section

30-Zn-66
-99.27 To 2798. %



72

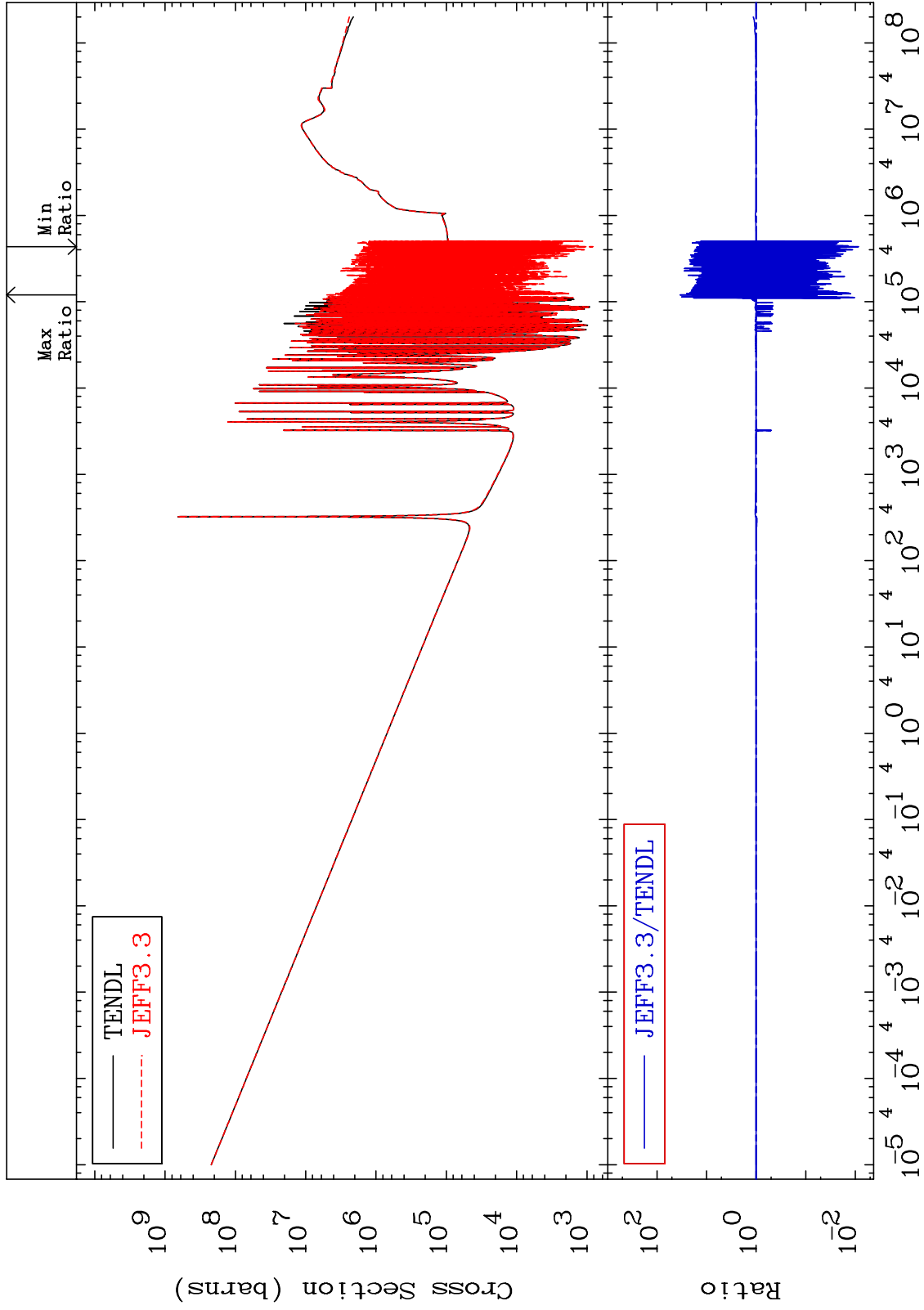
Incident Energy (eV)

30-Zn-66

MAT 3031

Total photon (eV-barns)
Cross Section

30-Zn-66
-99.14 To 3334. %



73

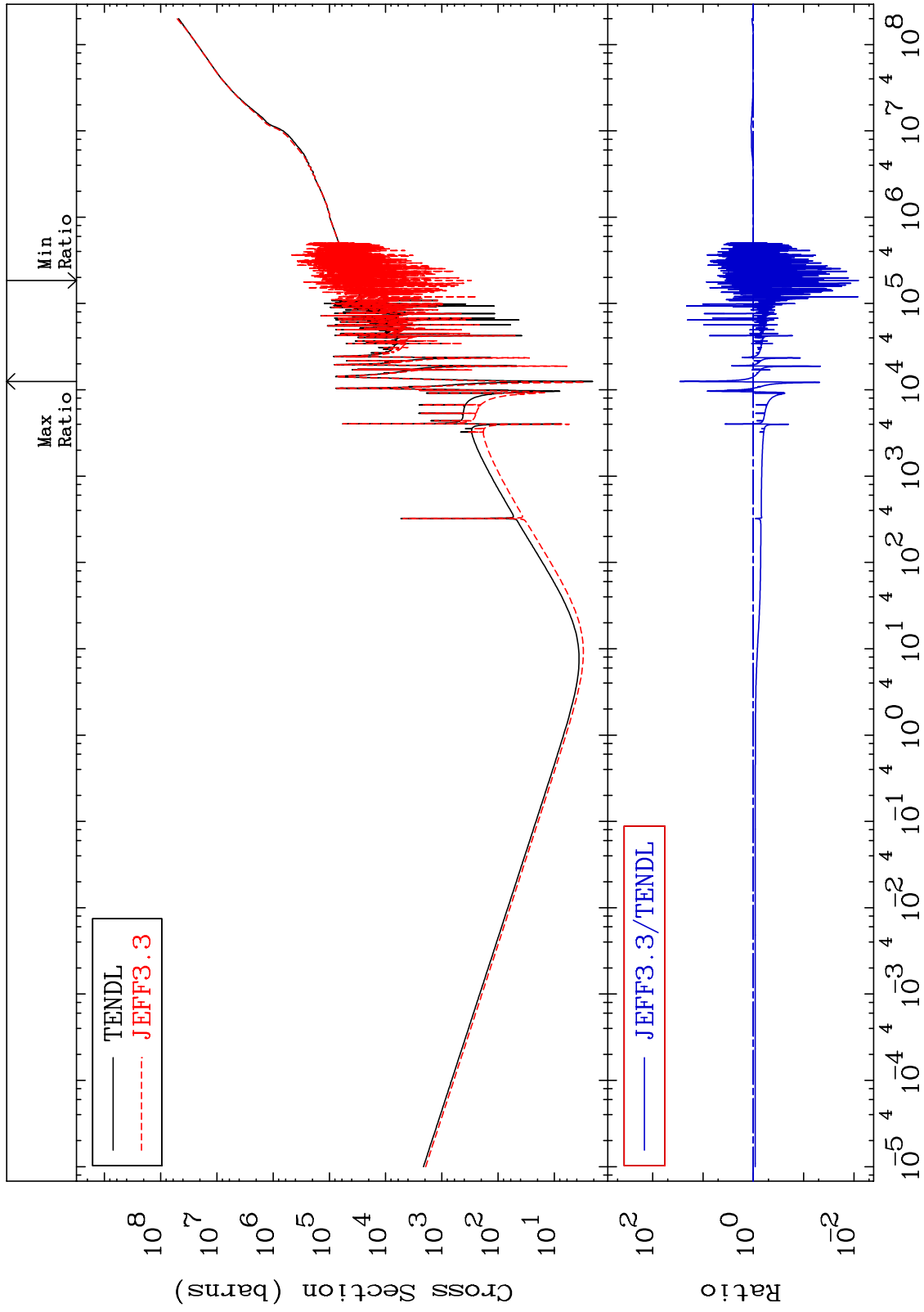
Incident Energy (eV)

30-Zn-66

MAT 3031

Total kinematic kerma (high limit)
Cross Section

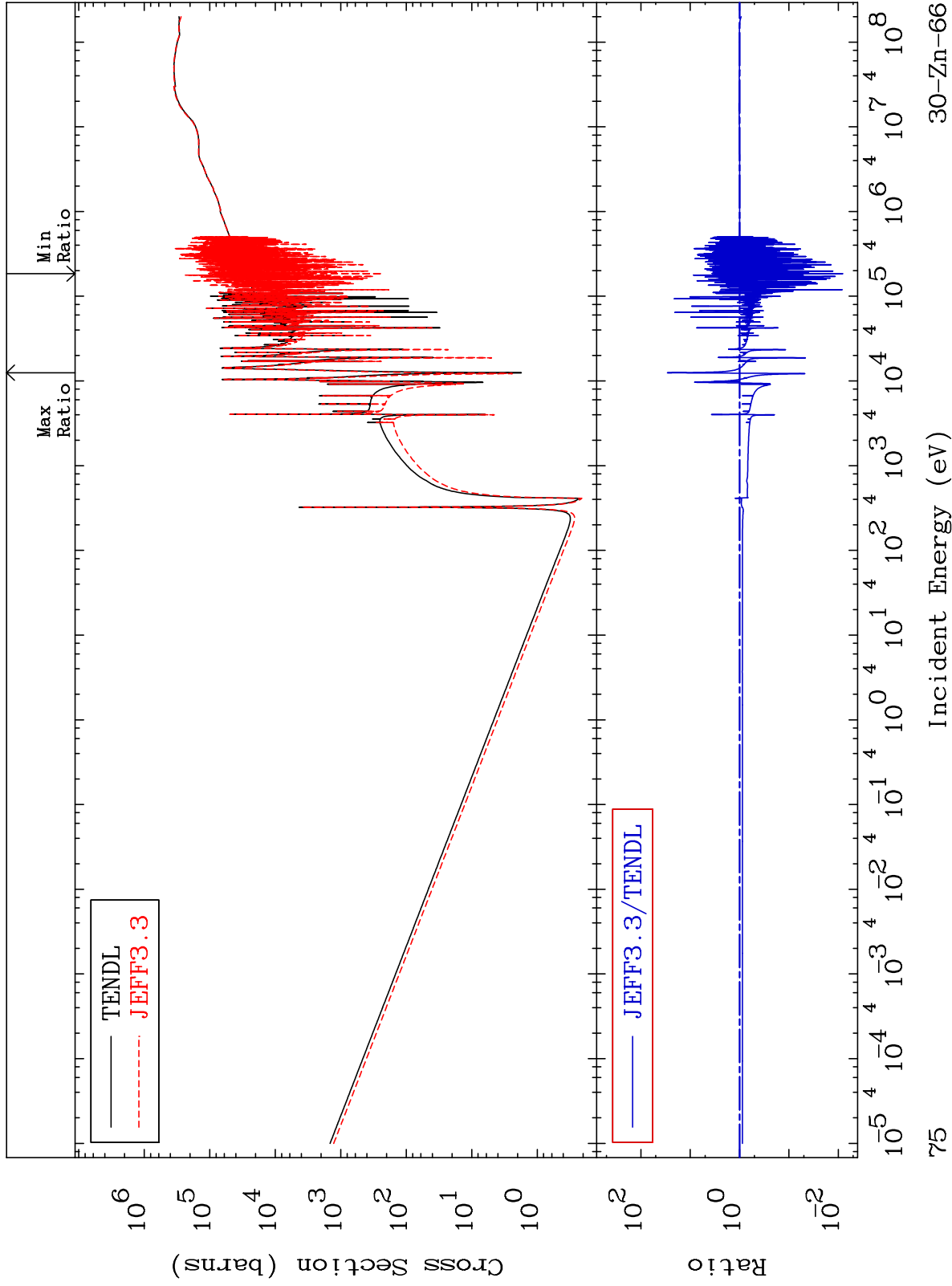
30-Zn-66
-99.19 To 2763. %



MAT 3031

Dpa total (eV-barns)
Cross Section

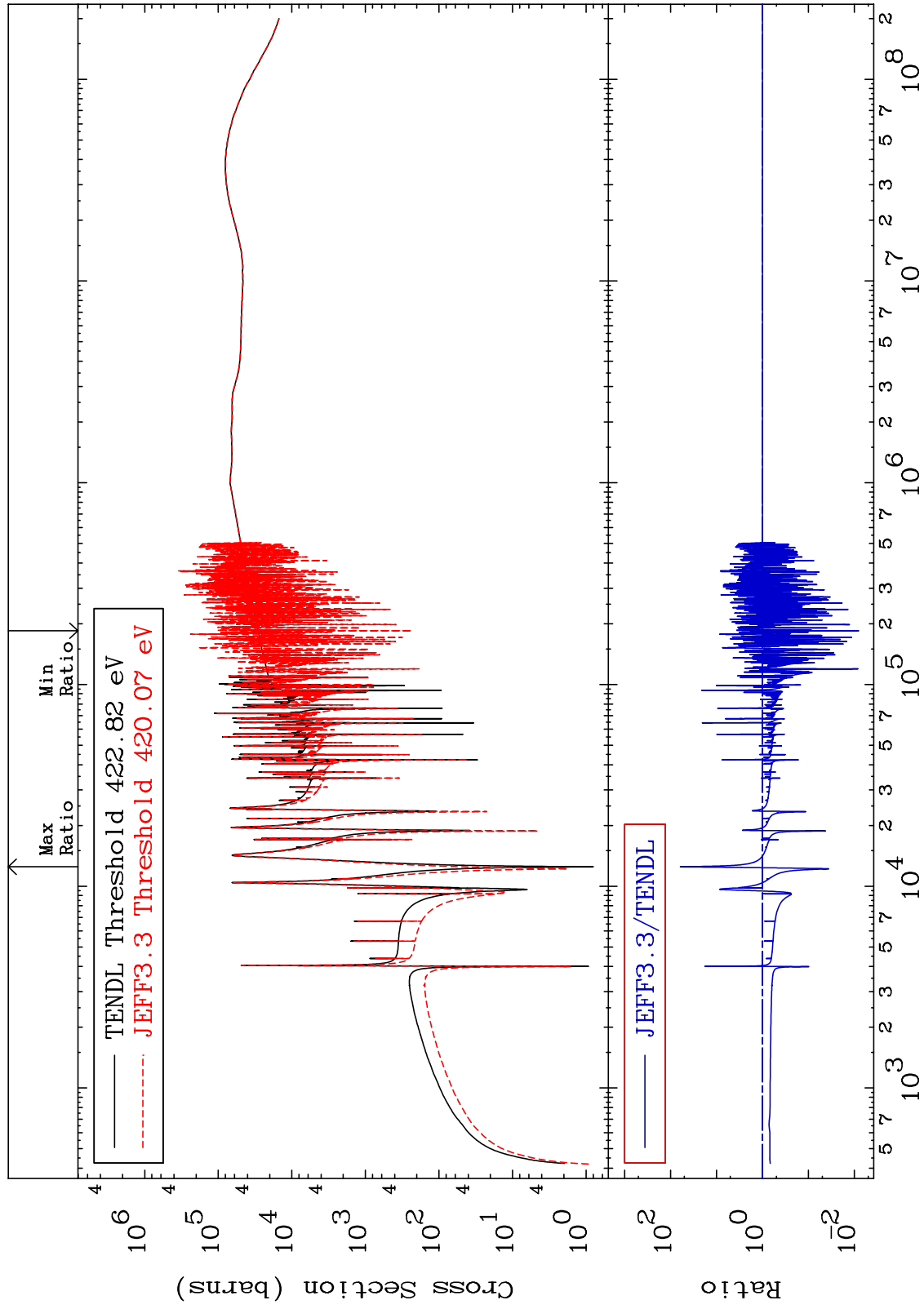
30-Zn-66
-99.19 To 2785. %



MAT 3031

Dpa elastic (mt2)
Cross Section

30-Zn-66
-99.19 To 5992. %



76

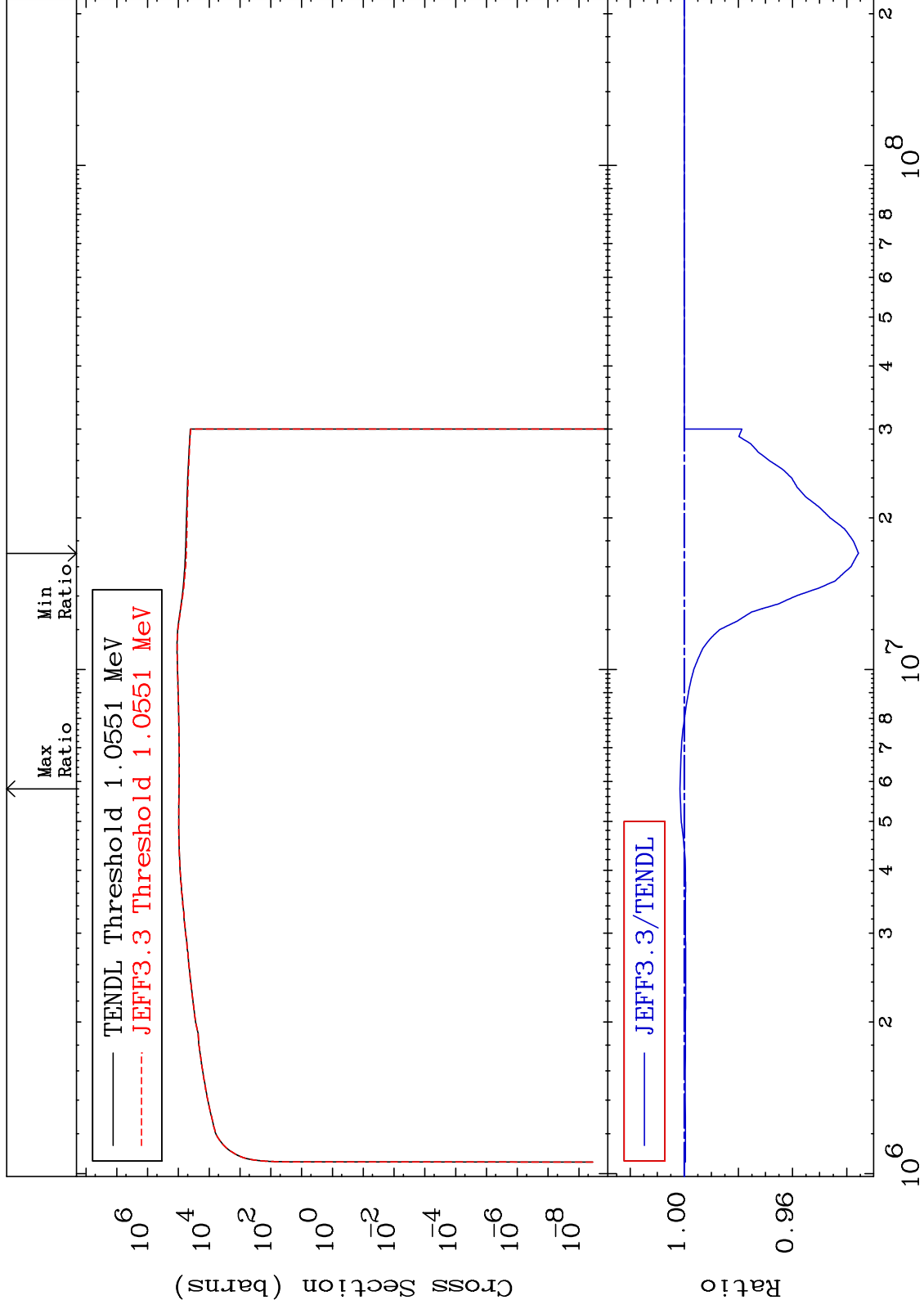
Incident Energy (eV)

30-Zn-66

MAT 3031

Dpa inelastic (mt51-91)
Cross Section

30-Zn-66
-6.432 To 0.158 %



77

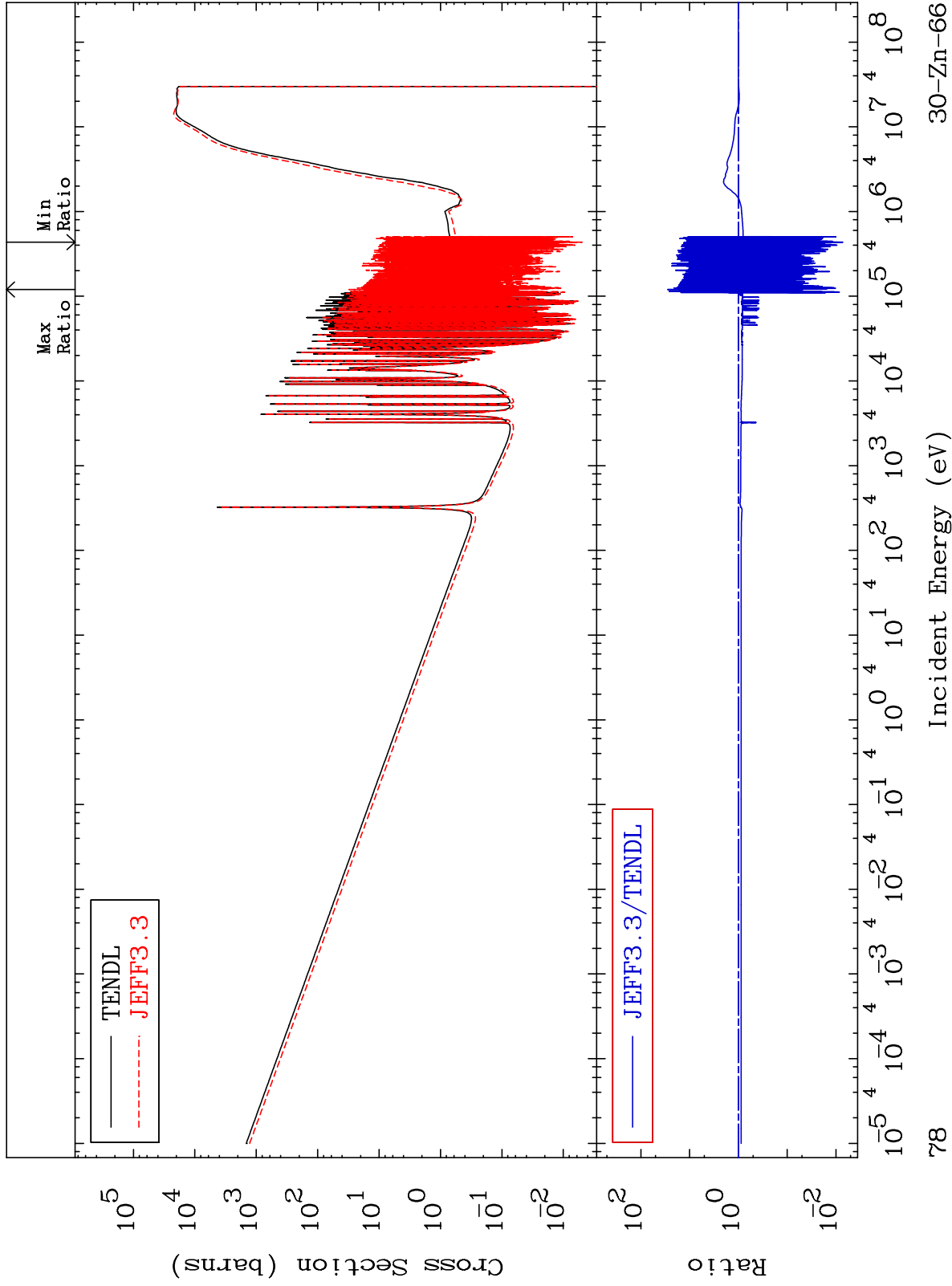
Incident Energy (eV)

30-Zn-66

MAT 3031

Dpa disappearance (mt102 -120)
Cross Section

30-Zn-66
-99.27 To 2738. %

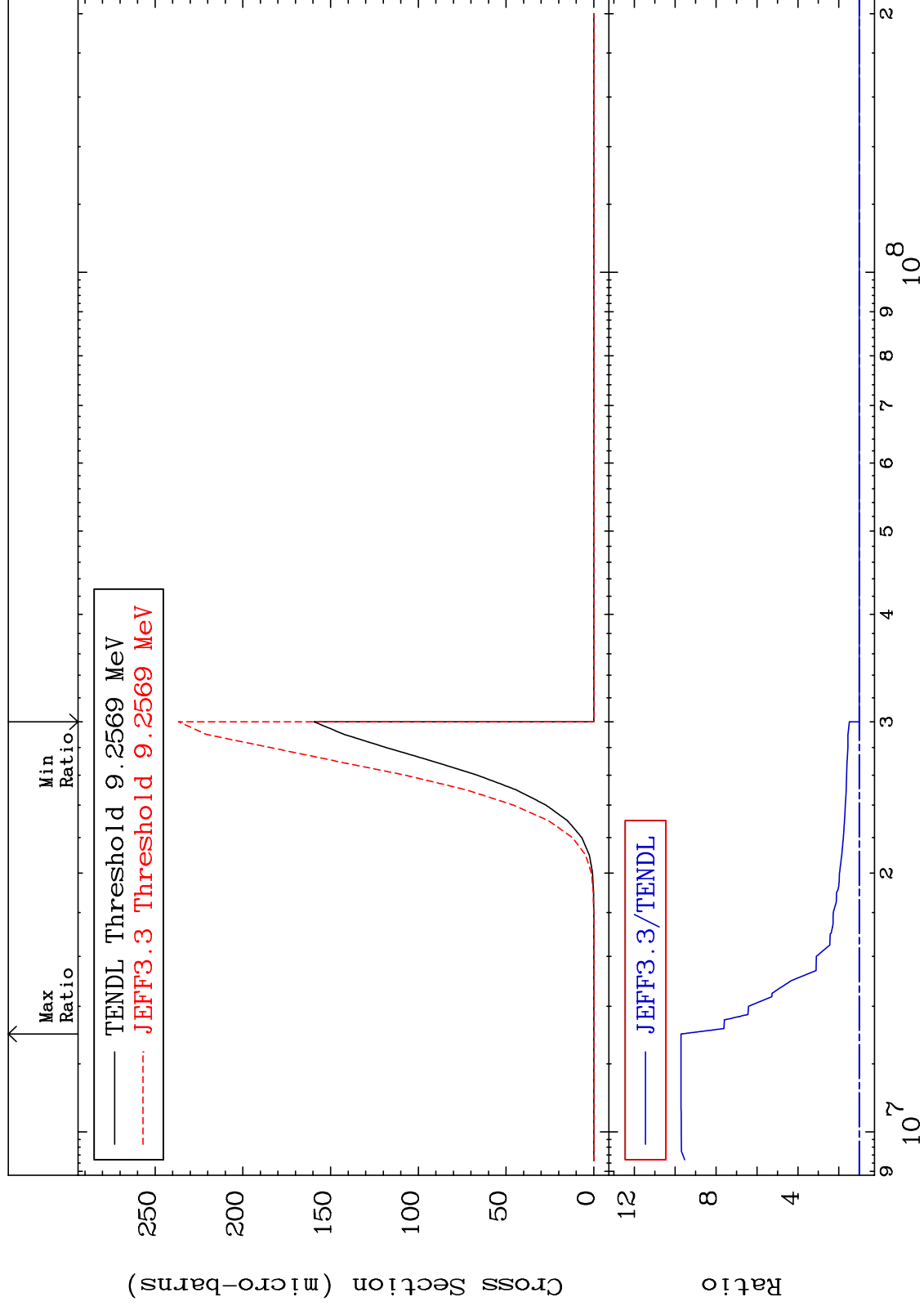


MAT 3031

(n, p) α :27-Co-62g

30-Zn-66

Radionuclide Production Cross Section 0.000 To 871.3 %



79

Incident Energy (eV)

30-Zn-66

MAT 3031

(n, p) α :27-Co-62m1

30-Zn-66

Radionuclide Production Cross Section 0.000 To 896.8 %

