

Program Complot
(Version 2018-1)

by

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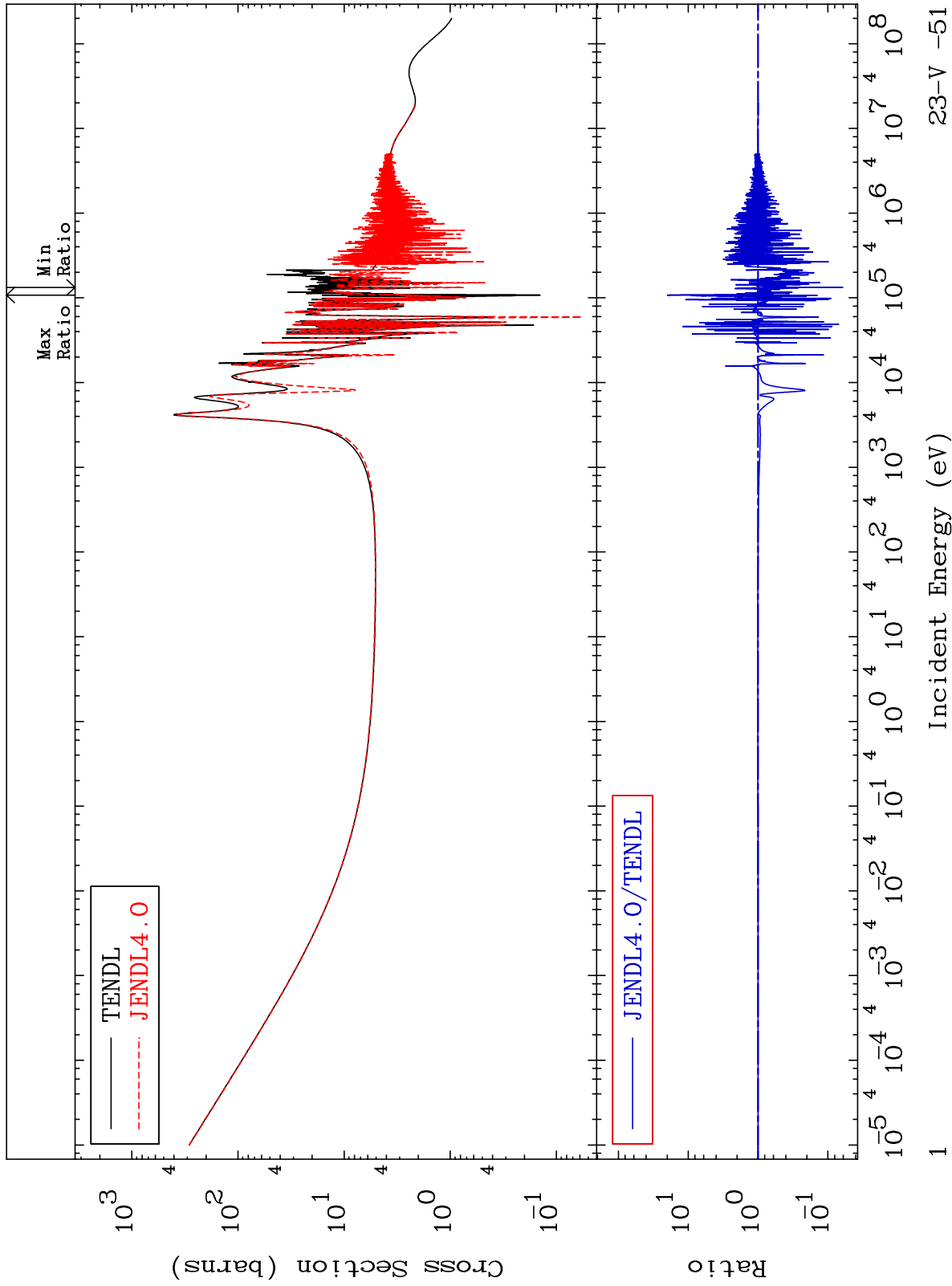
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2328

Total
Cross Section

23-V -51
-93.87 To 1876. %

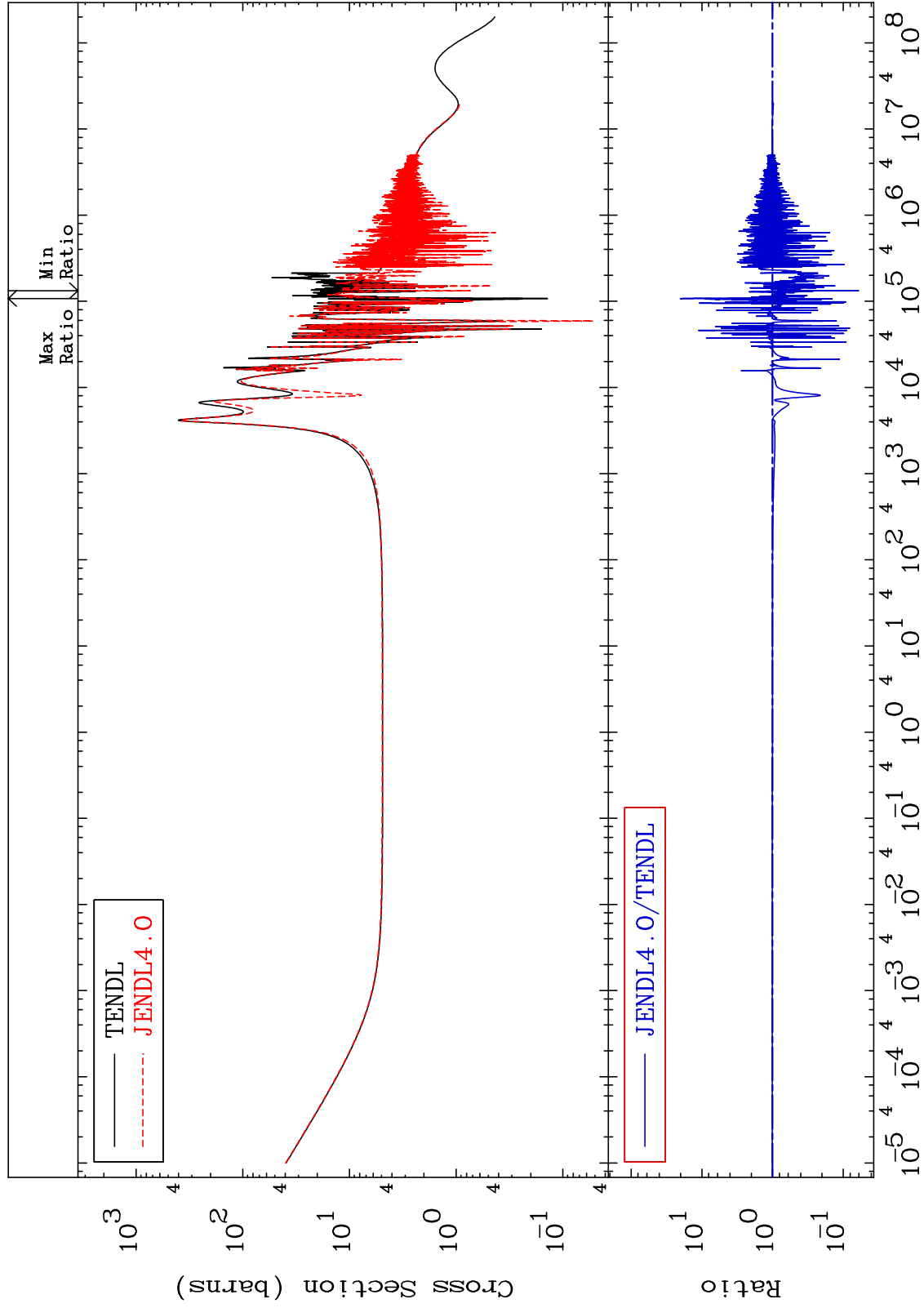


23-V -51

MAT 2328

Elastic
Cross Section

23-V -51
-93.91 To 1908. %



Incident Energy (eV)

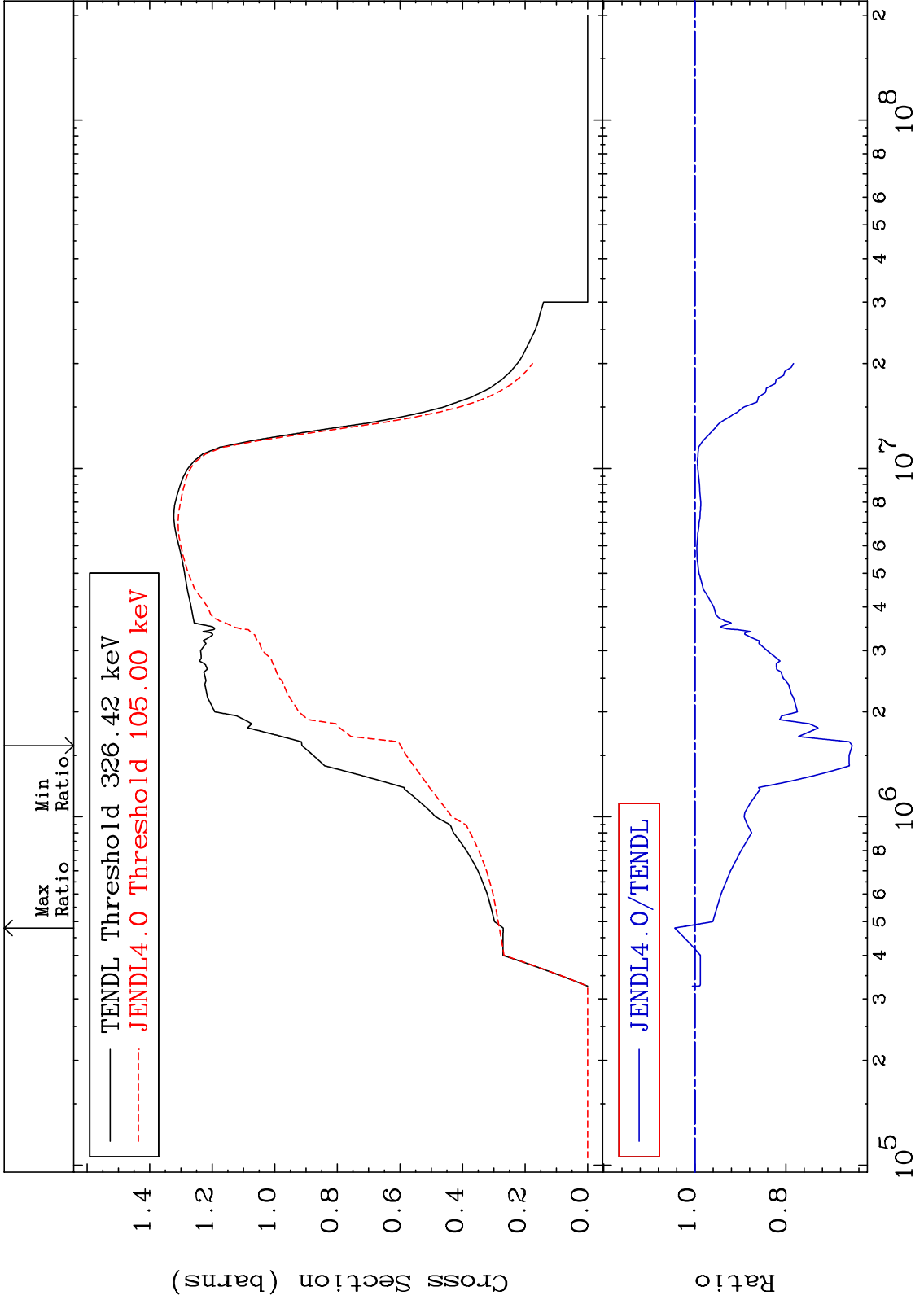
23-V -51

MAT 2328

Inelastic
Cross Section

23-V -51

-34.53 To 4.454 %



Incident Energy (eV)

23-V -51

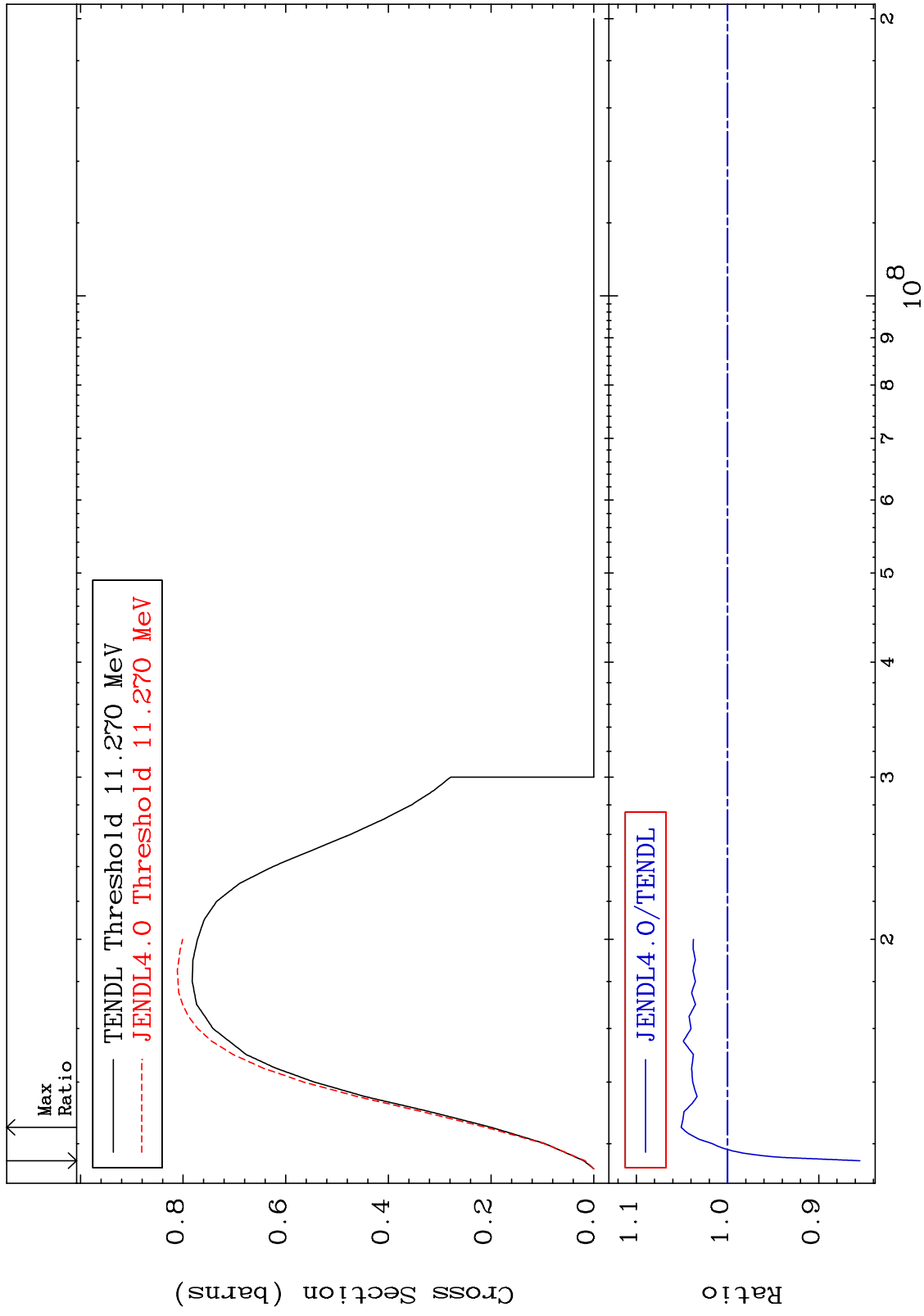
MAT 2328

(n,2n)

23-V -51

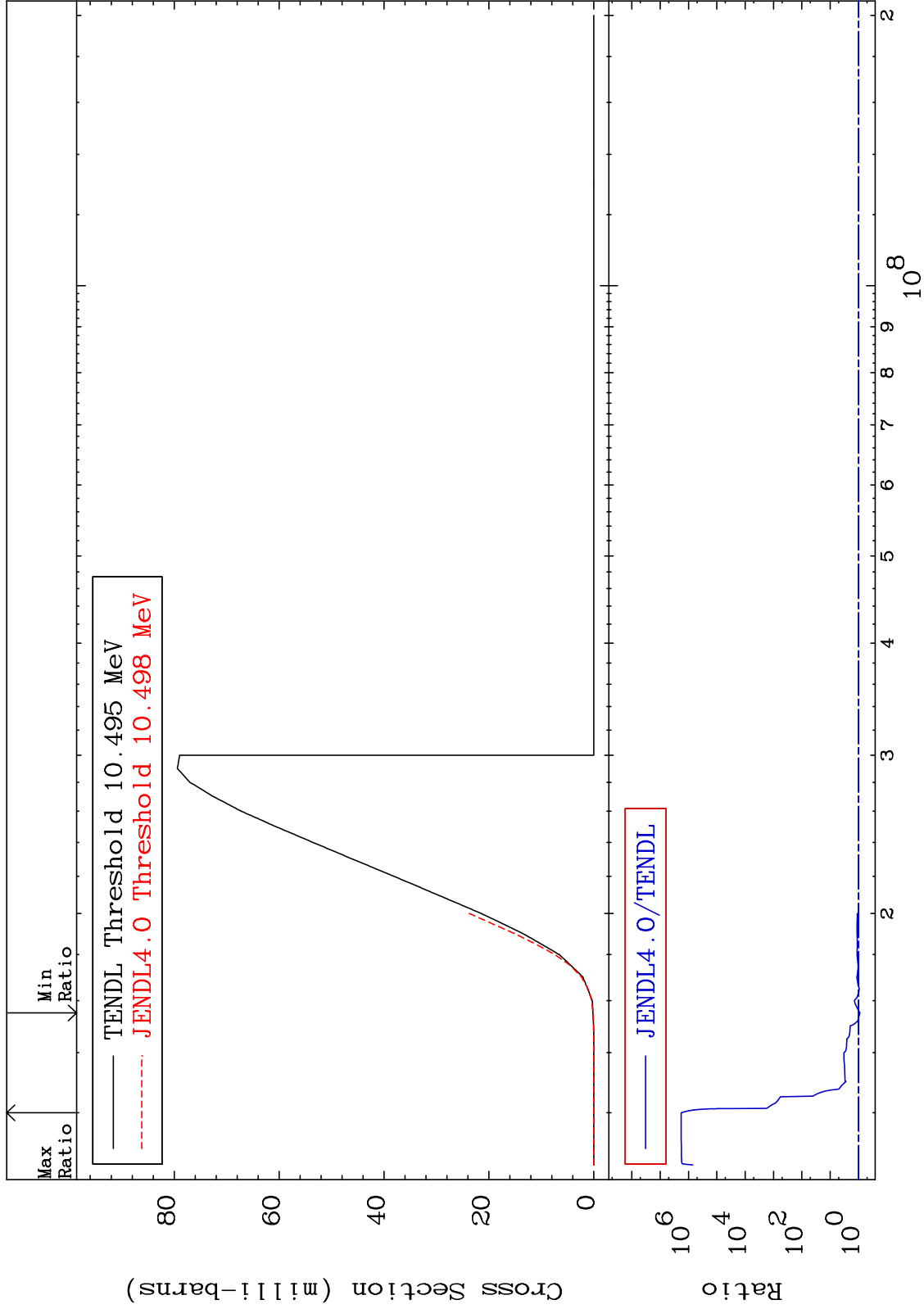
Cross Section

-14.51 To 5.076 %



Cross Section

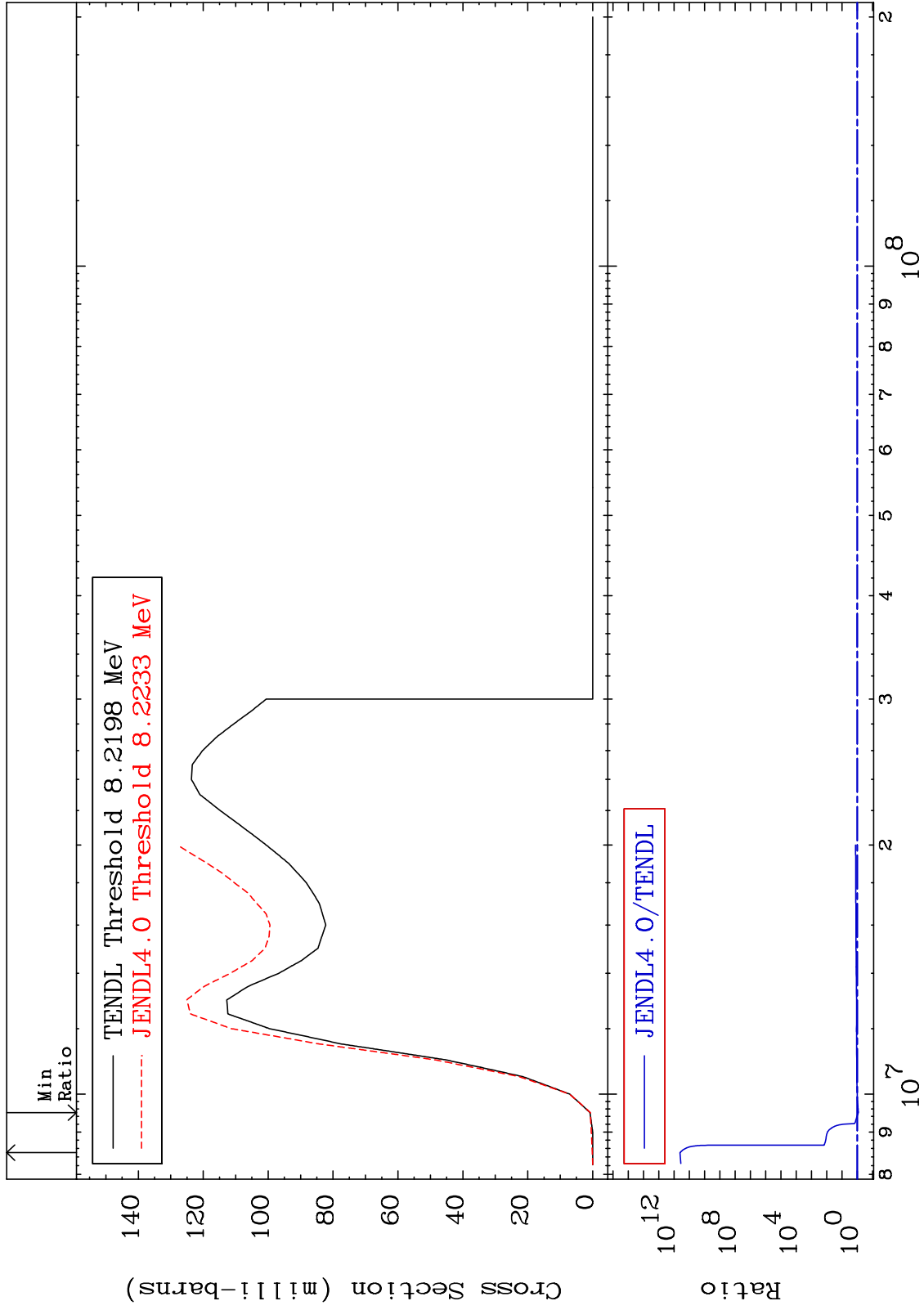
-11.09 To 9999. %



MAT 2328

(n,n') p
Cross Section

23-V -51
-16.41 To 9999. %



6

23-V -51

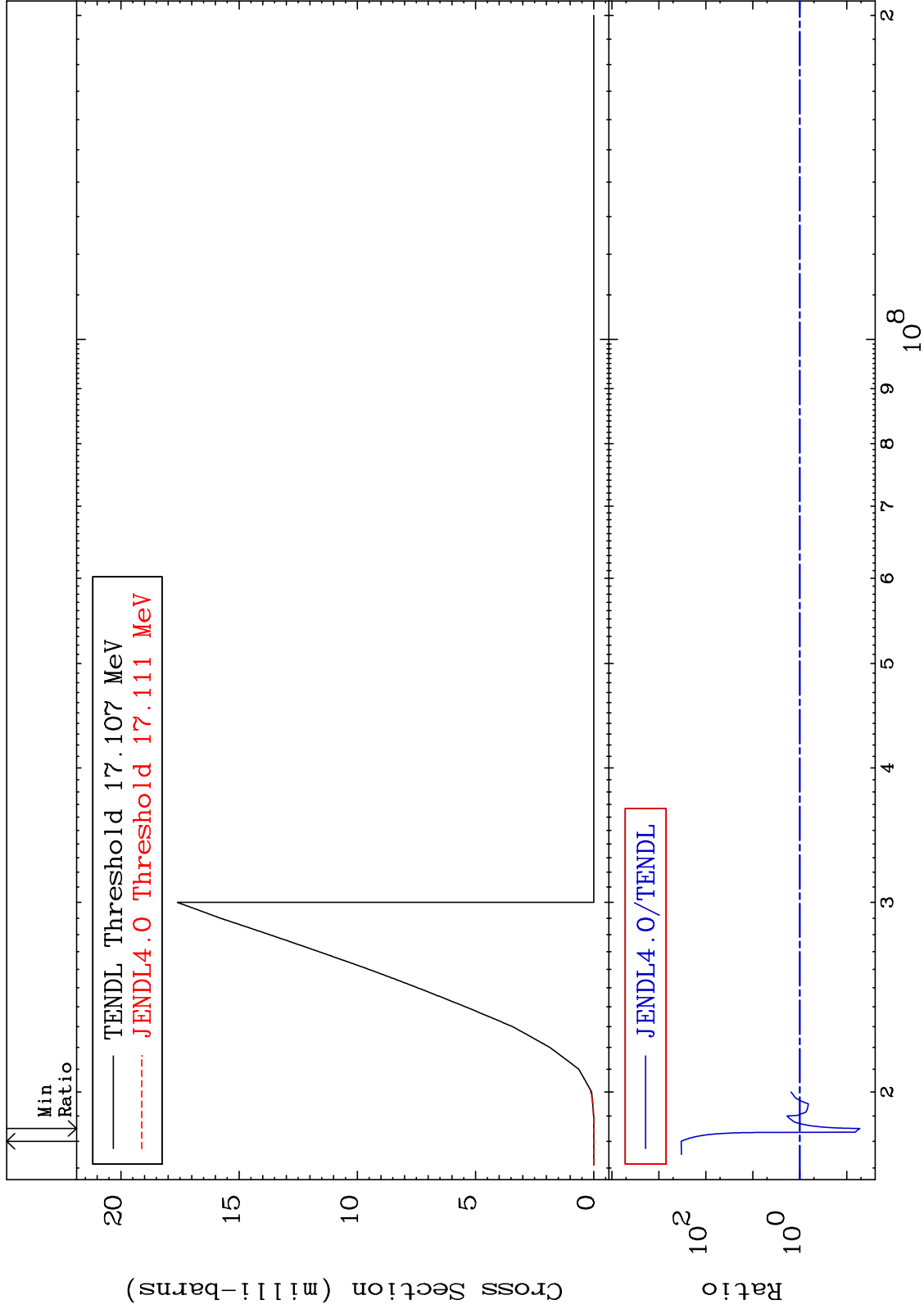
MAT 2328

(n,n') d

23-V -51

Cross Section

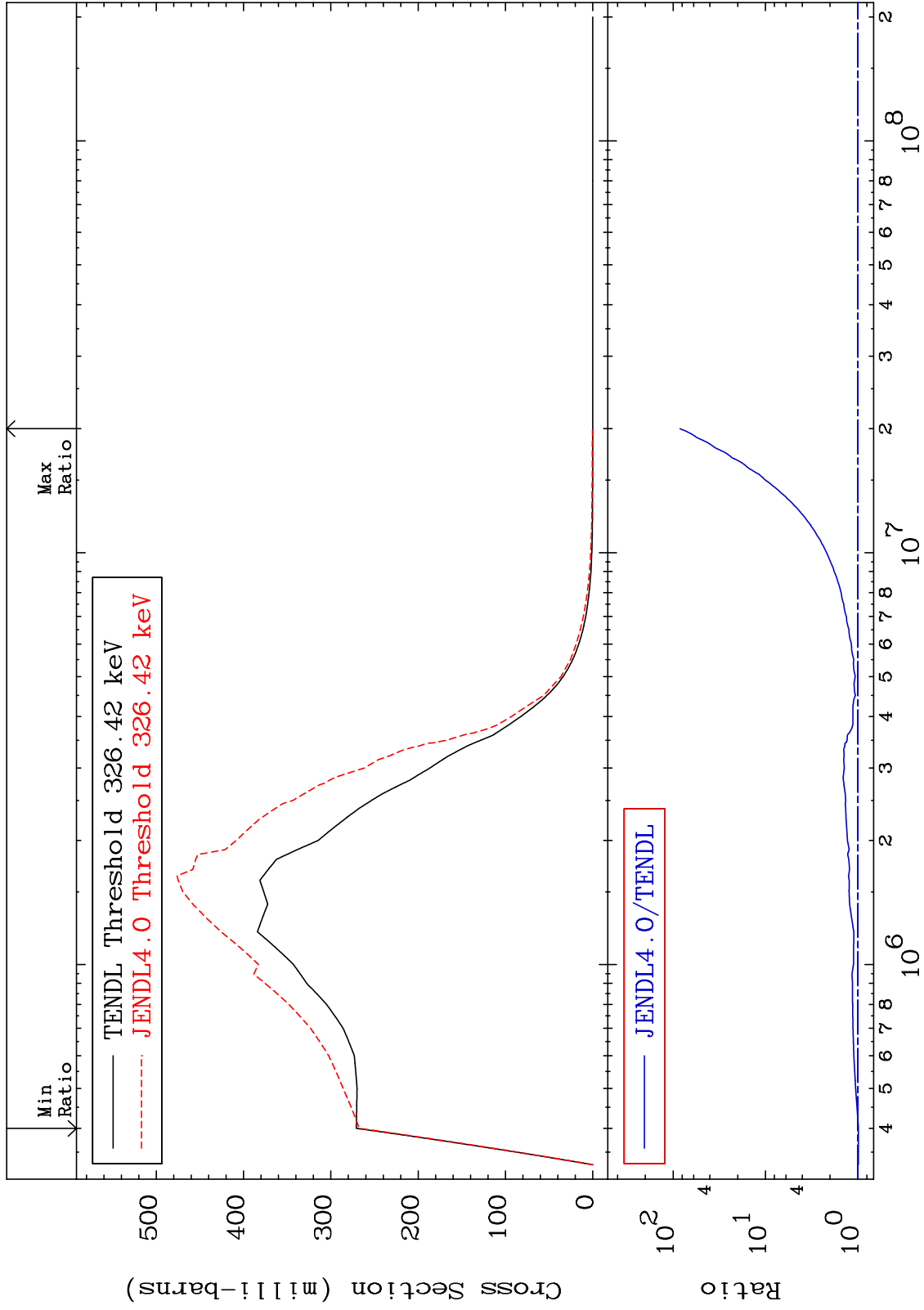
-94.74 To 9999. %



MAT 2328

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

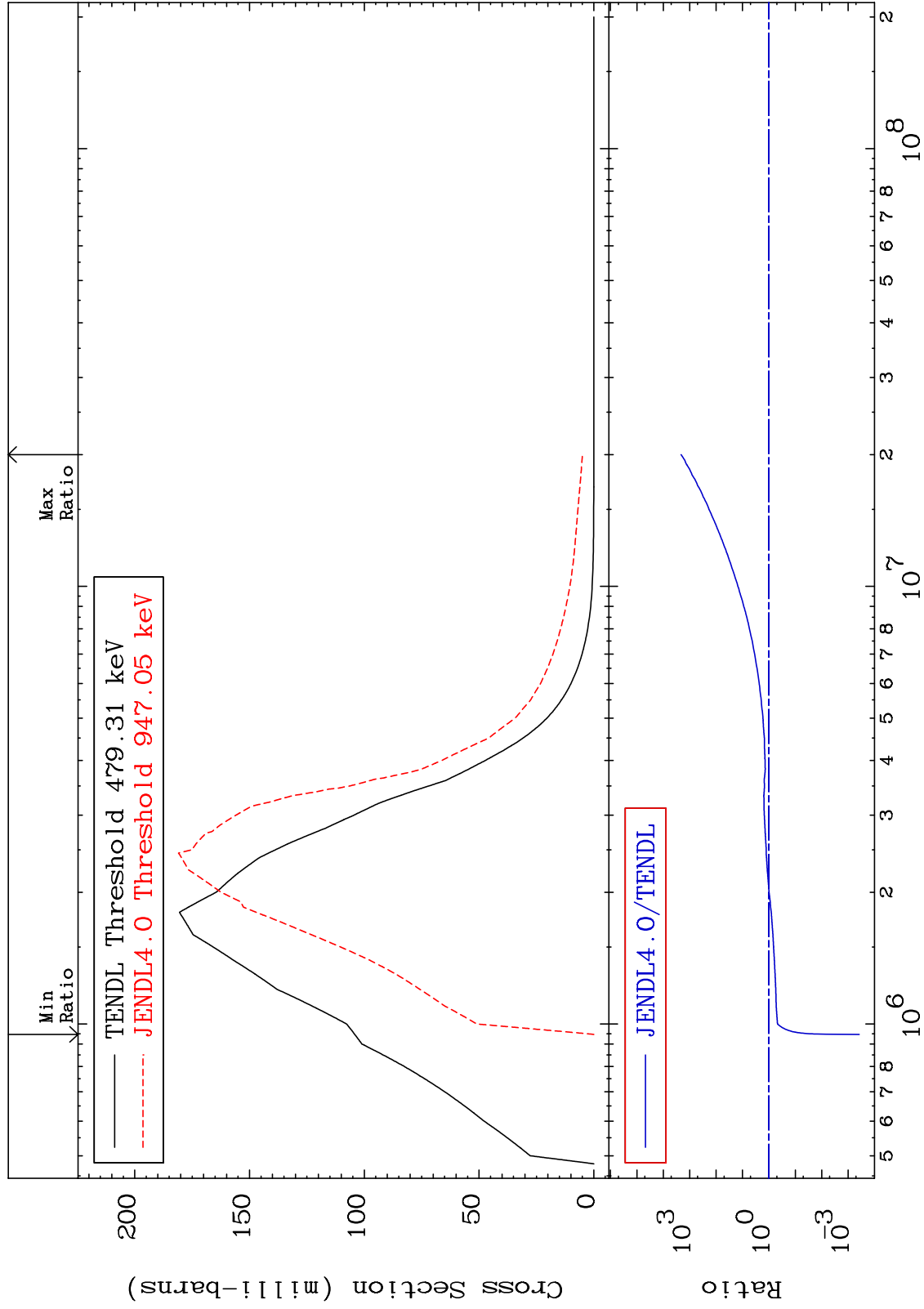
23-V -51
-1.223 To 8323. %



MAT 2328

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

23-V -51
-99.96 To 9999. %



9

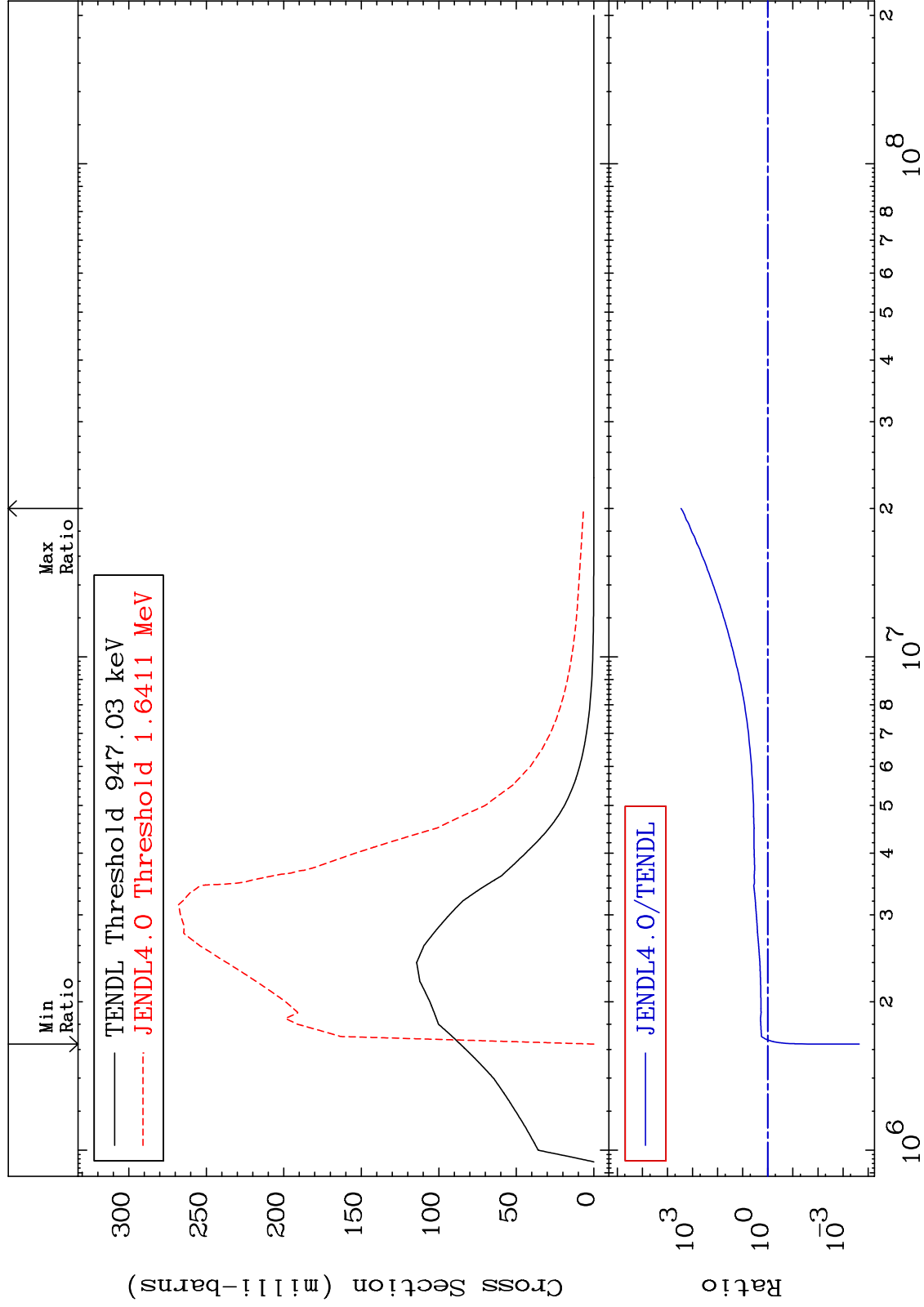
Incident Energy (eV)

23-V -51

MAT 2328

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

23-V -51
-99.98 To 9999. %

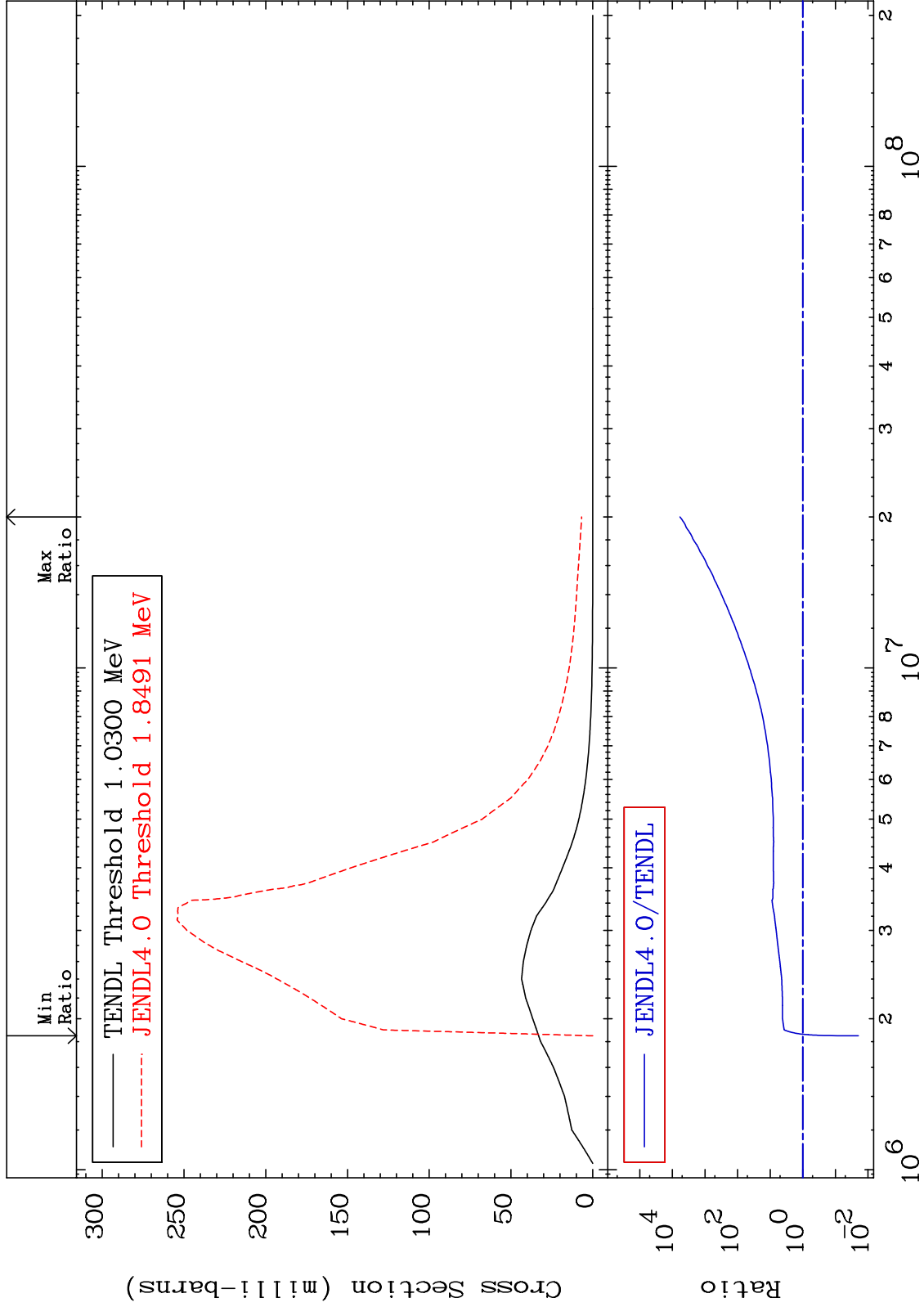


23-V -51

MAT 2328

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

23-V -51
-98.04 To 9999. %

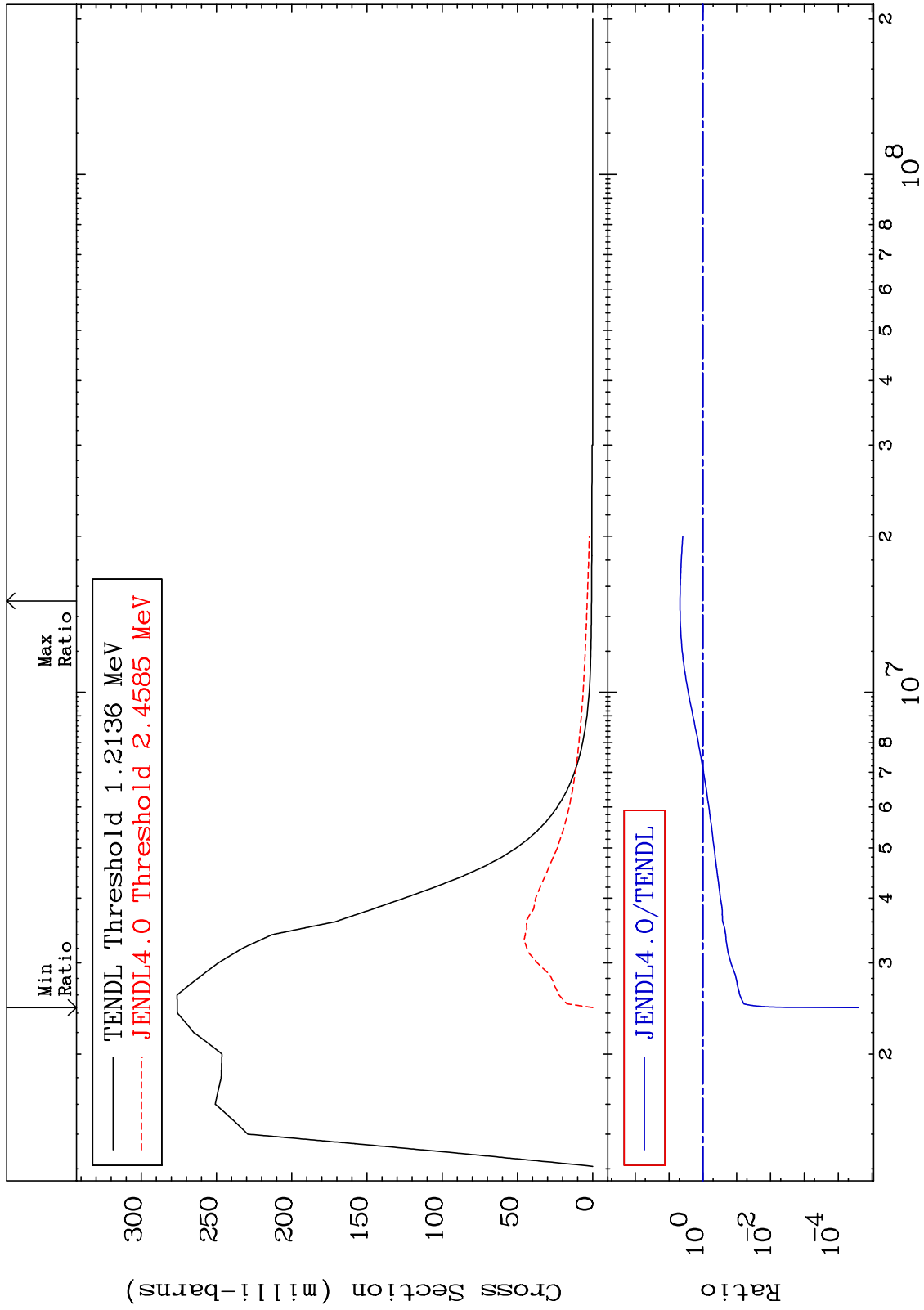


11

Incident Energy (eV)

23-V -51

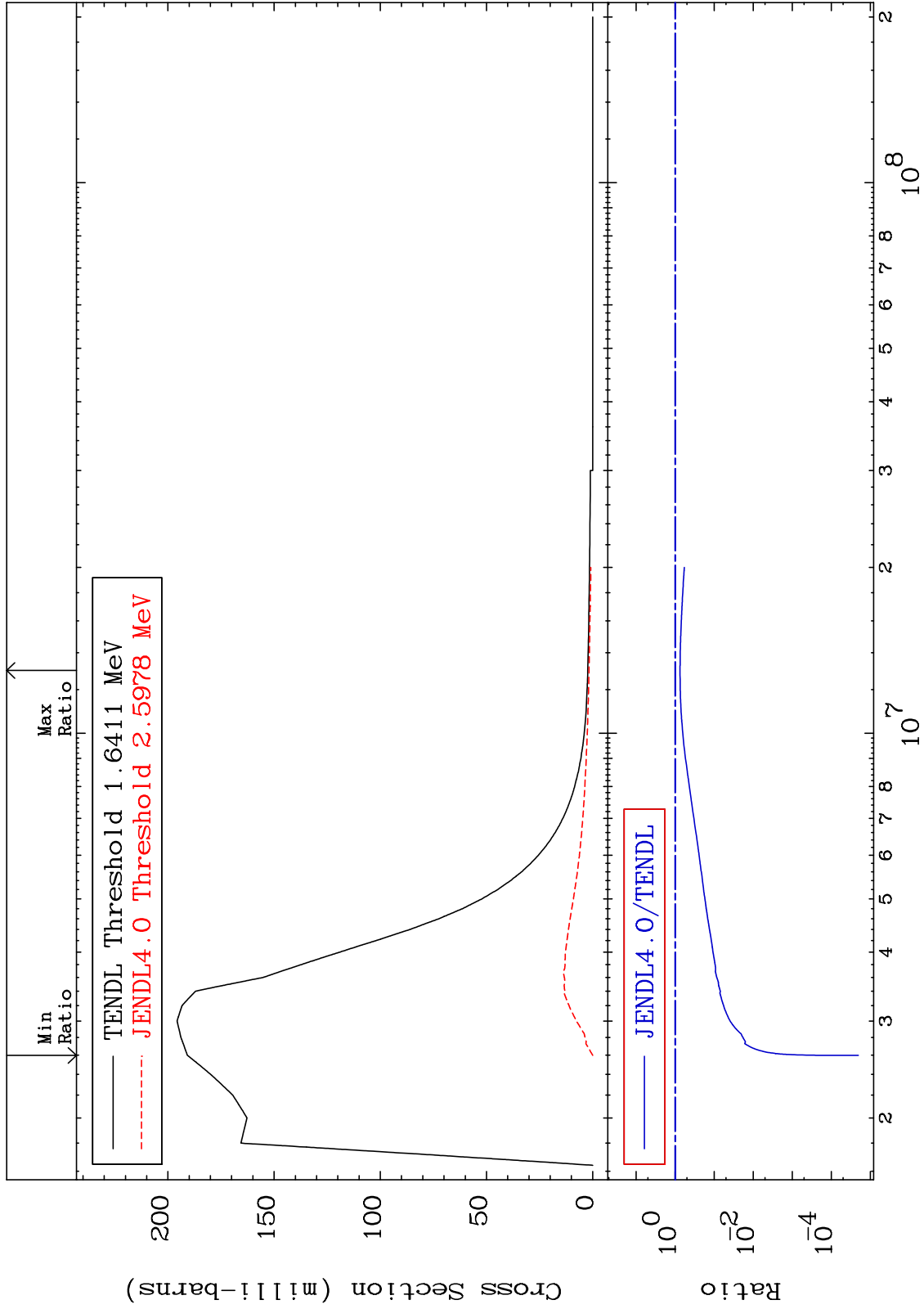
MAT 2328 MT= 55 (n,n') Level Cross Section -100.0 To 372.6 % 23-V -51



MAT 2328

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

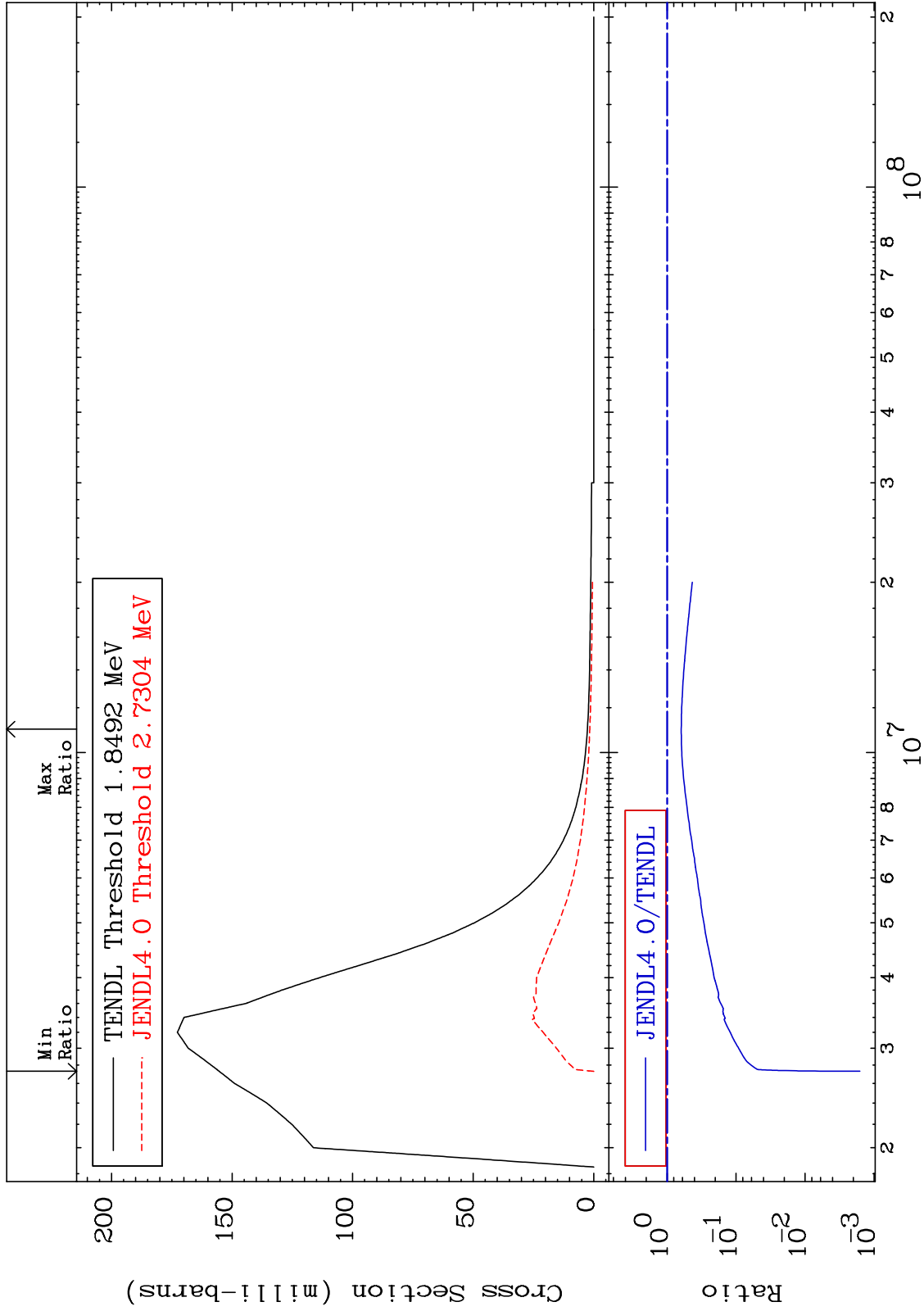
23-V -51
-100.0 To -24.74%



MAT 2328

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

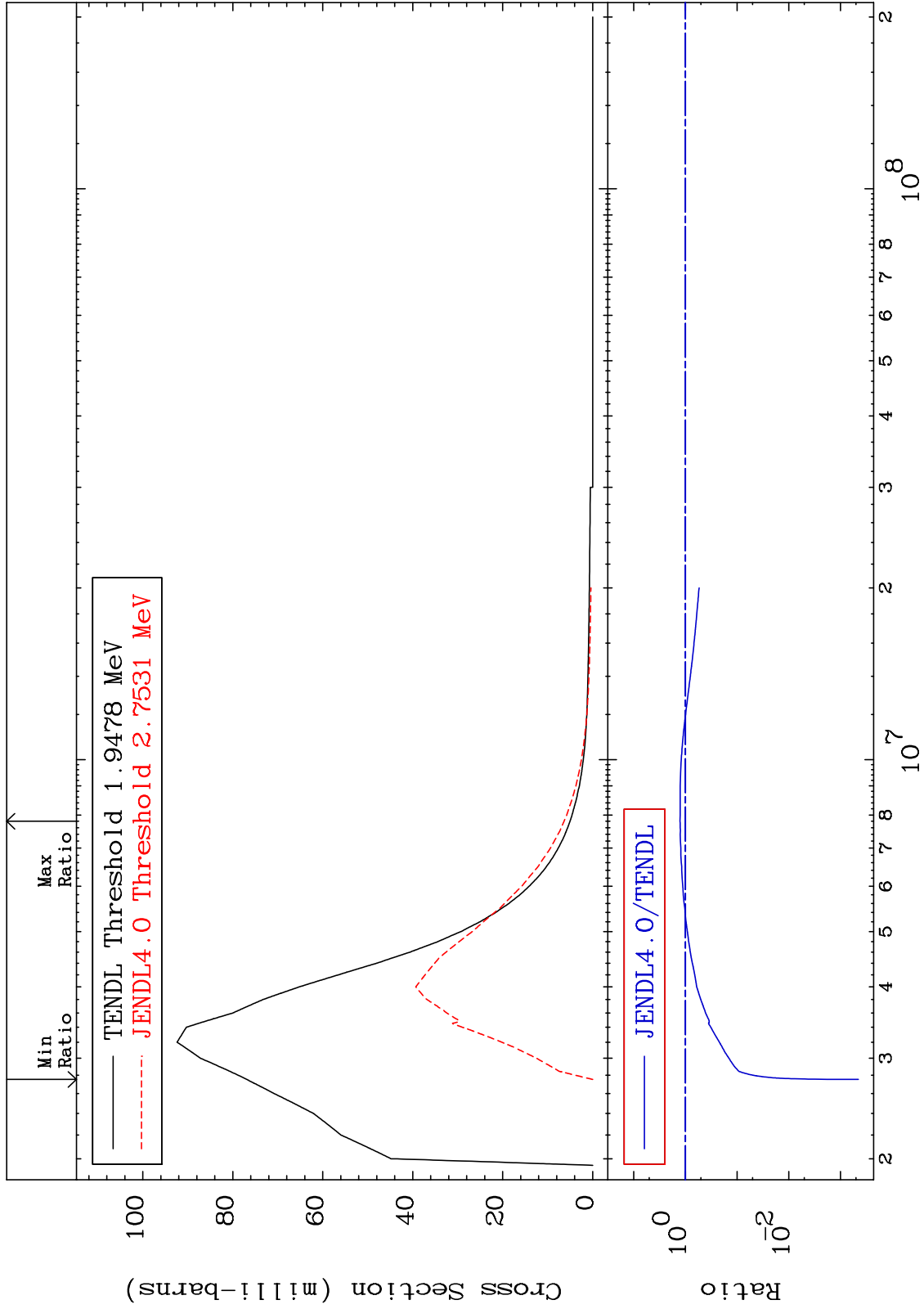
23-V -51
-99.84 To -37.63%



MAT 2328

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

23-V -51
-99.96 To 26.64 %



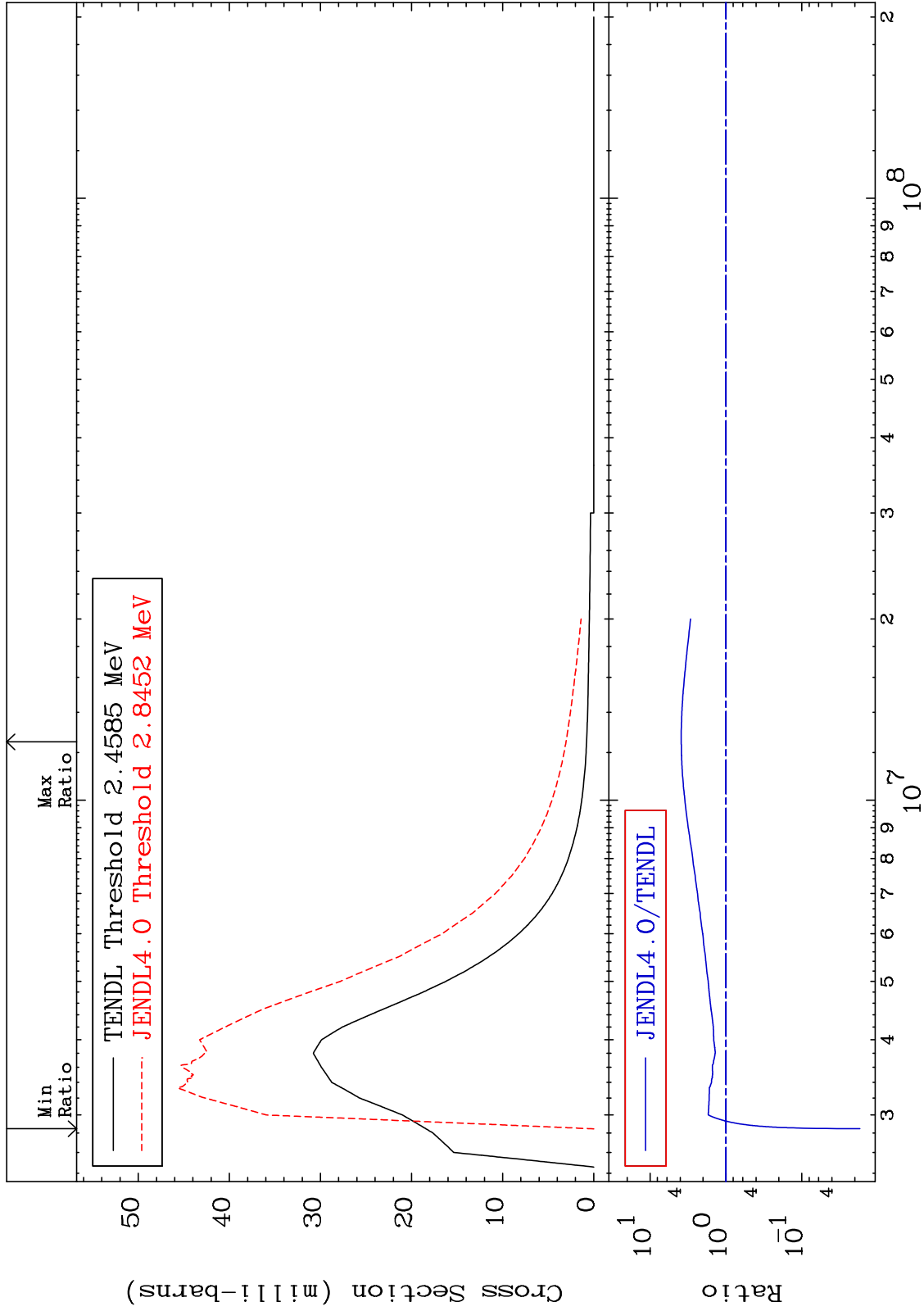
15

23-V -51

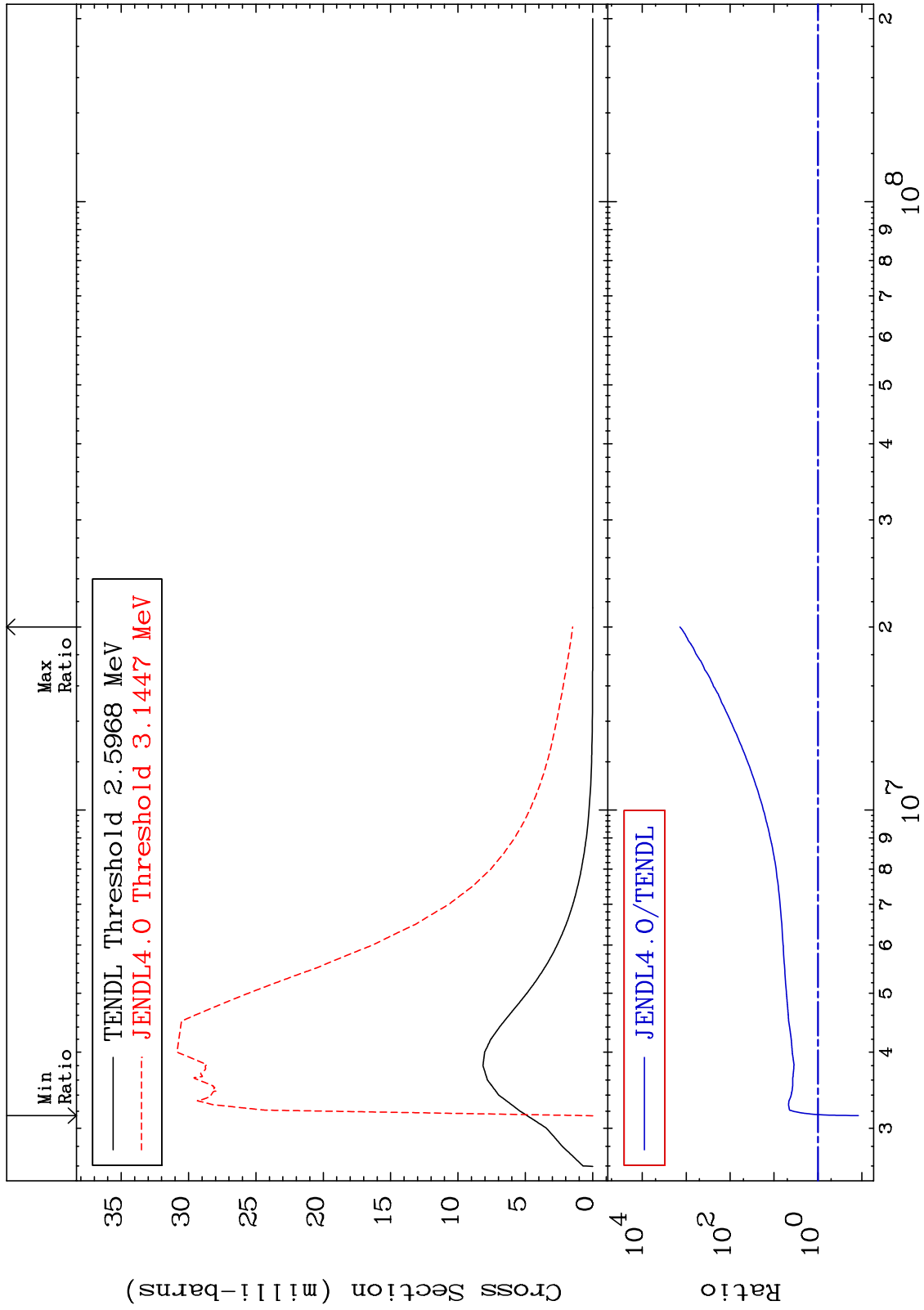
MAT 2328

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

23-V -51
-98.29 To 288.0 %



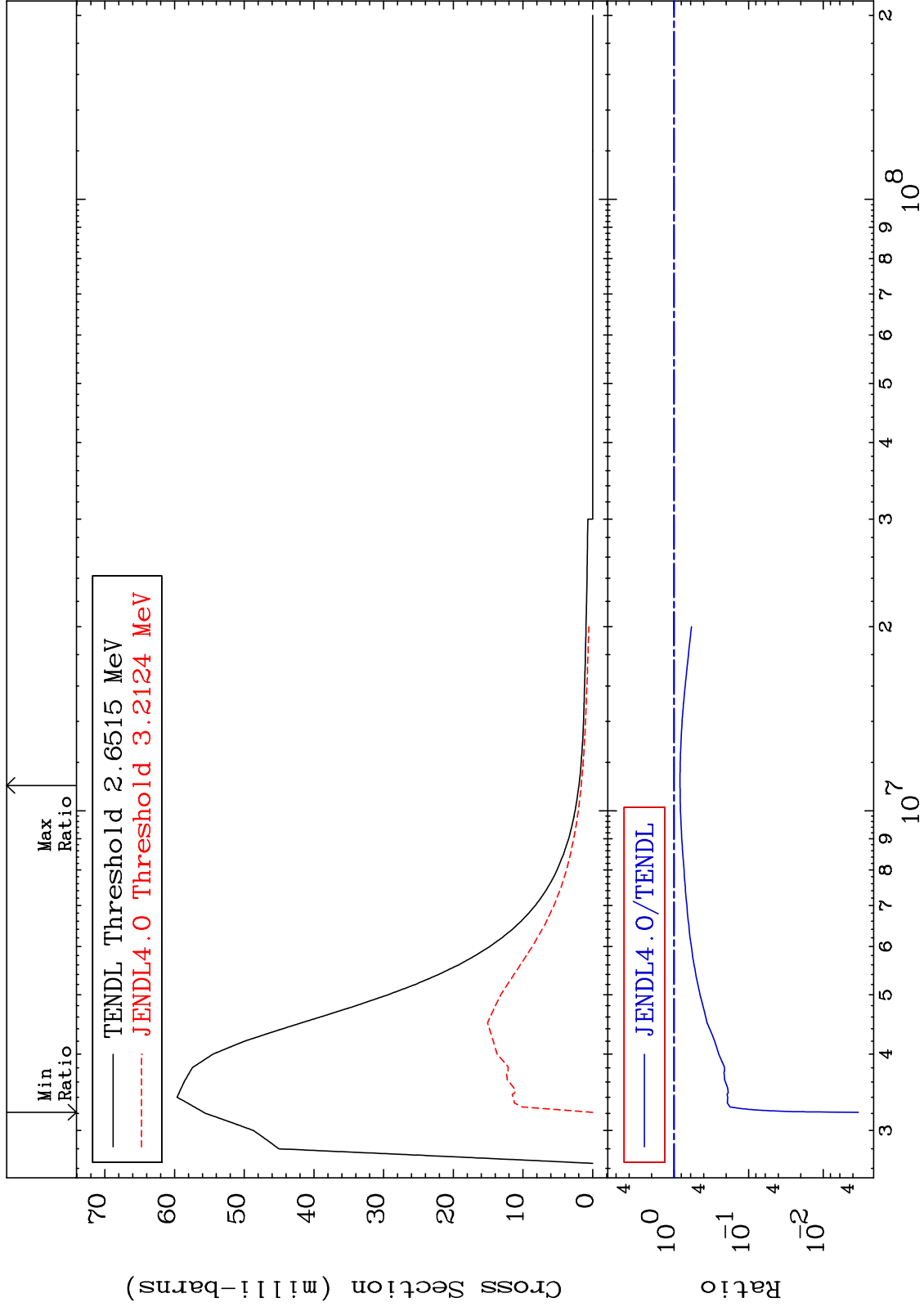
MAT 2328 MT= 60 (n,n') Level Cross Section -87.99 To 9999. % 23-V -51



MAT 2328

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

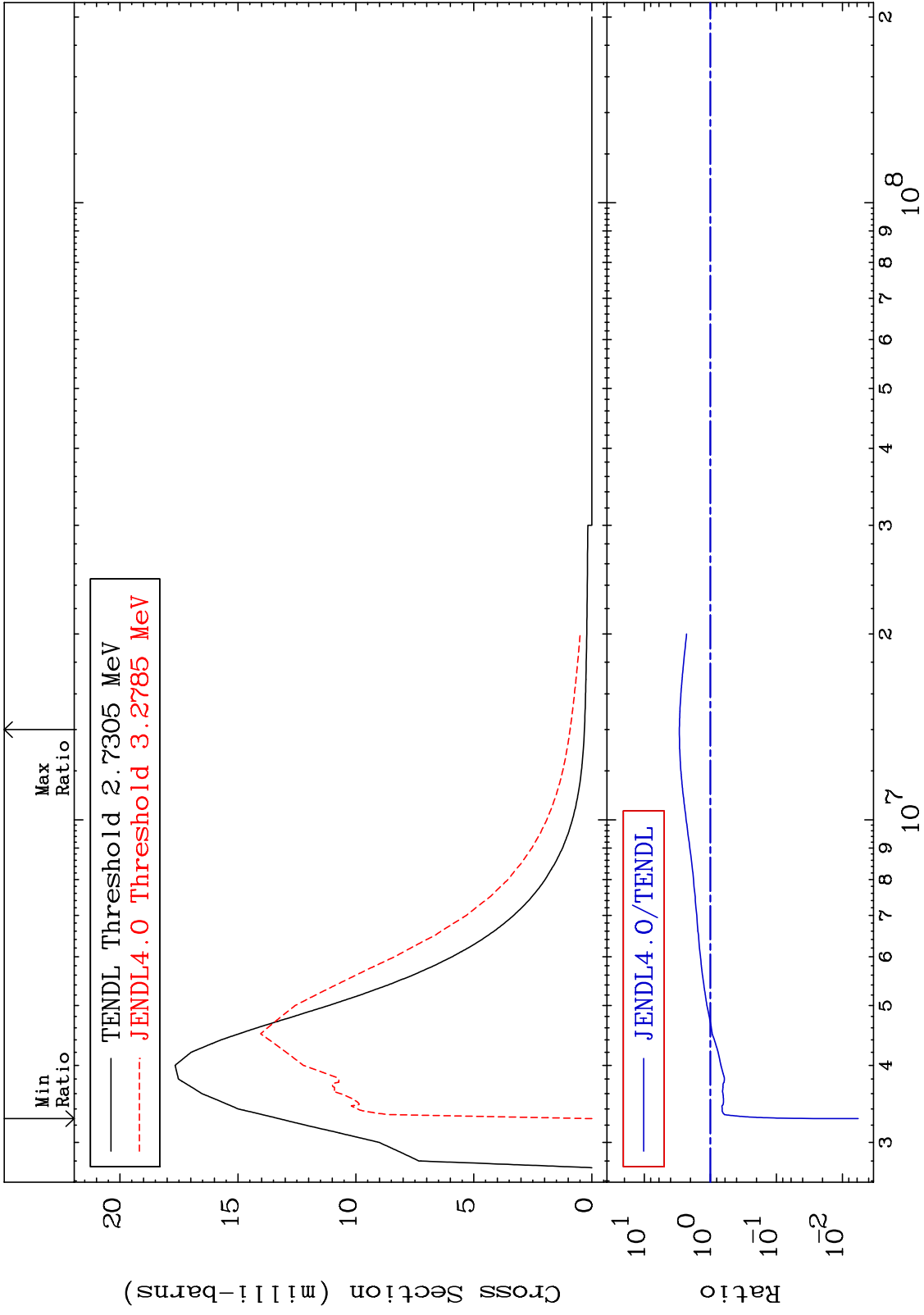
23-V -51
-99.66 To -16.89%



MAT 2328

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

23-V -51
-99.42 To 194.6 %



19

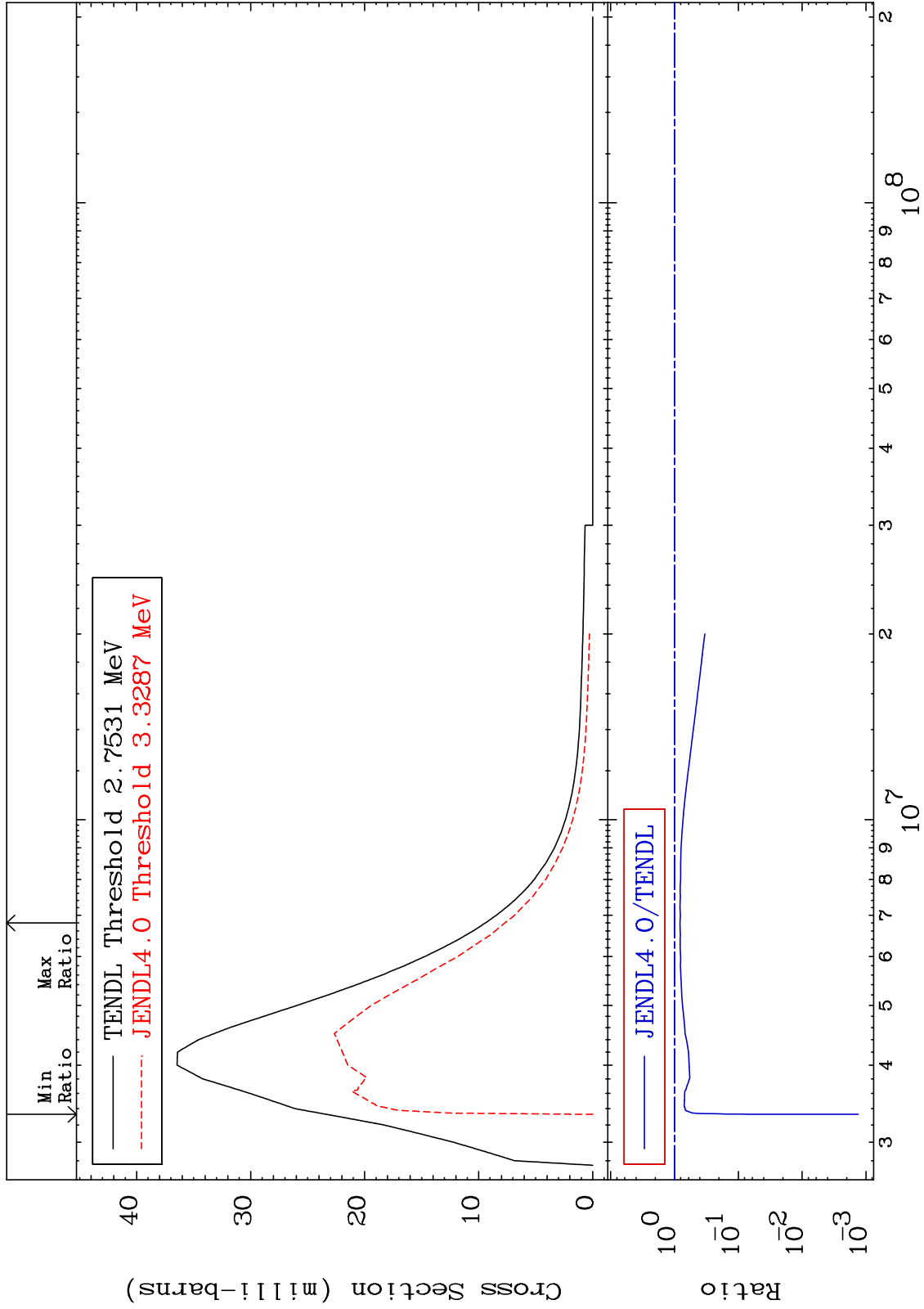
Incident Energy (eV)

23-V -51

MAT 2328

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

23-V -51
-99.87 To -18.14%



20

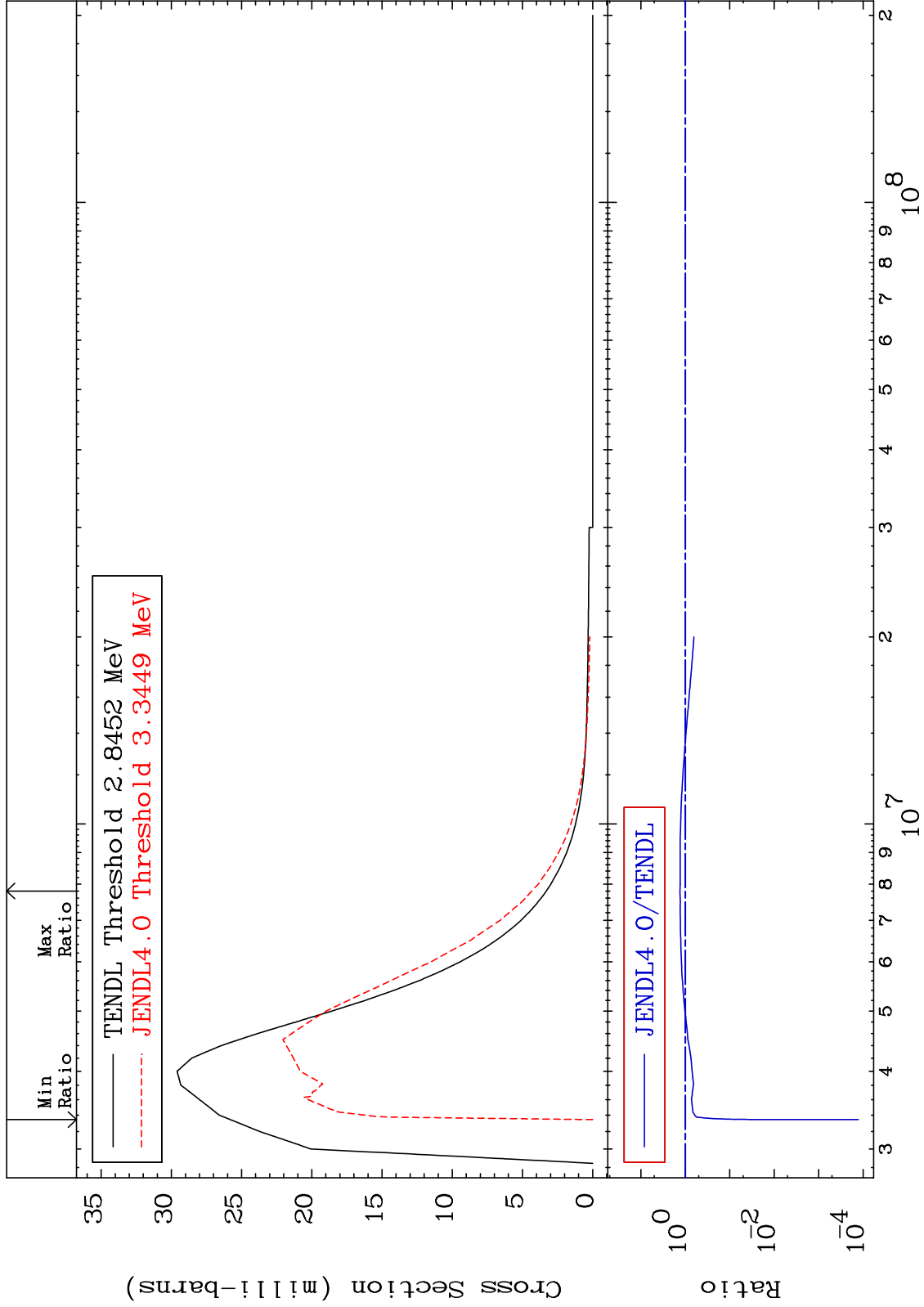
Incident Energy (eV)

23-V -51

MAT 2328

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

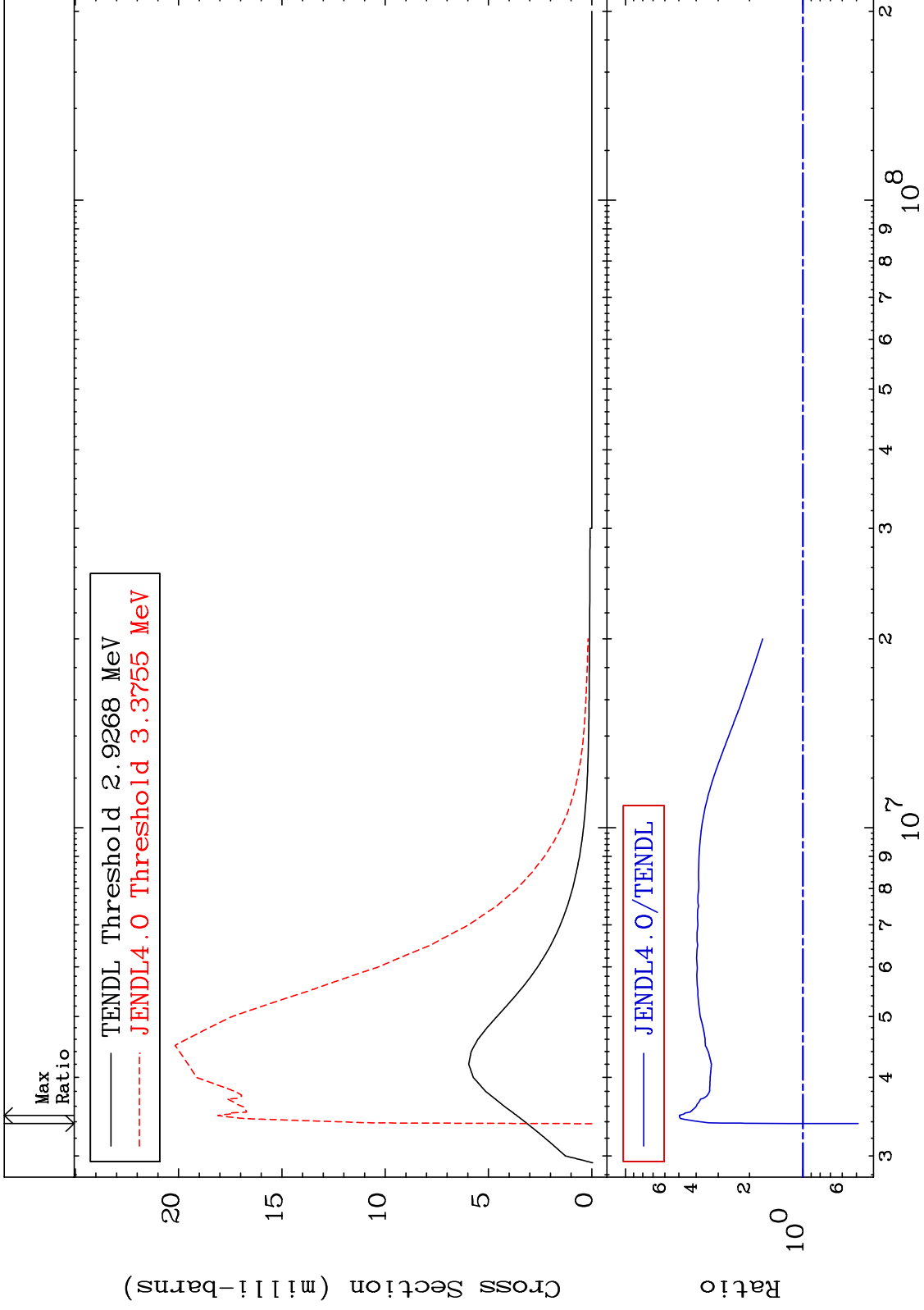
23-V -51
-99.99 To 31.54 %



MAT 2328

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

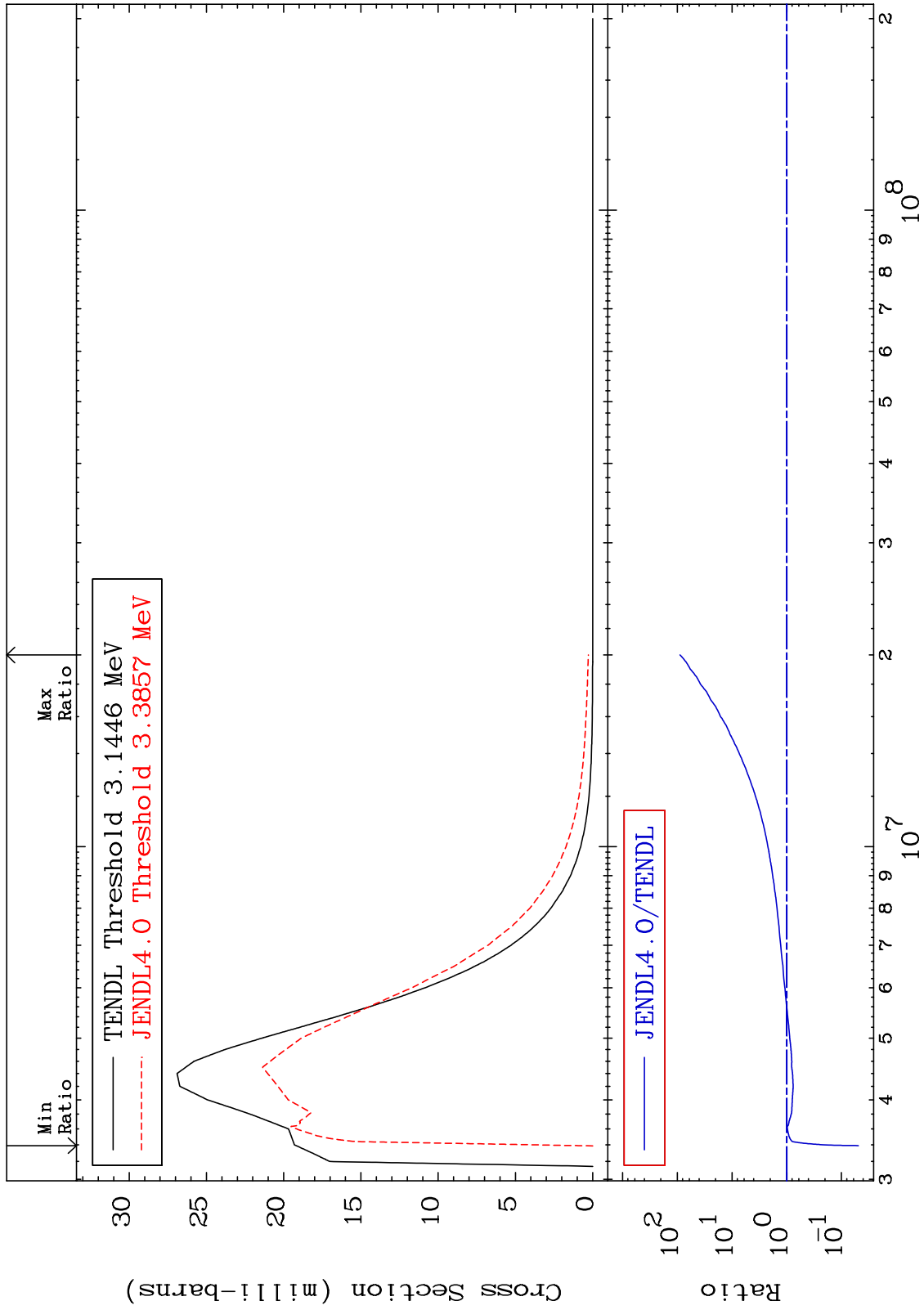
23-V -51
-51.20 To 397.3 %



22

23-V -51

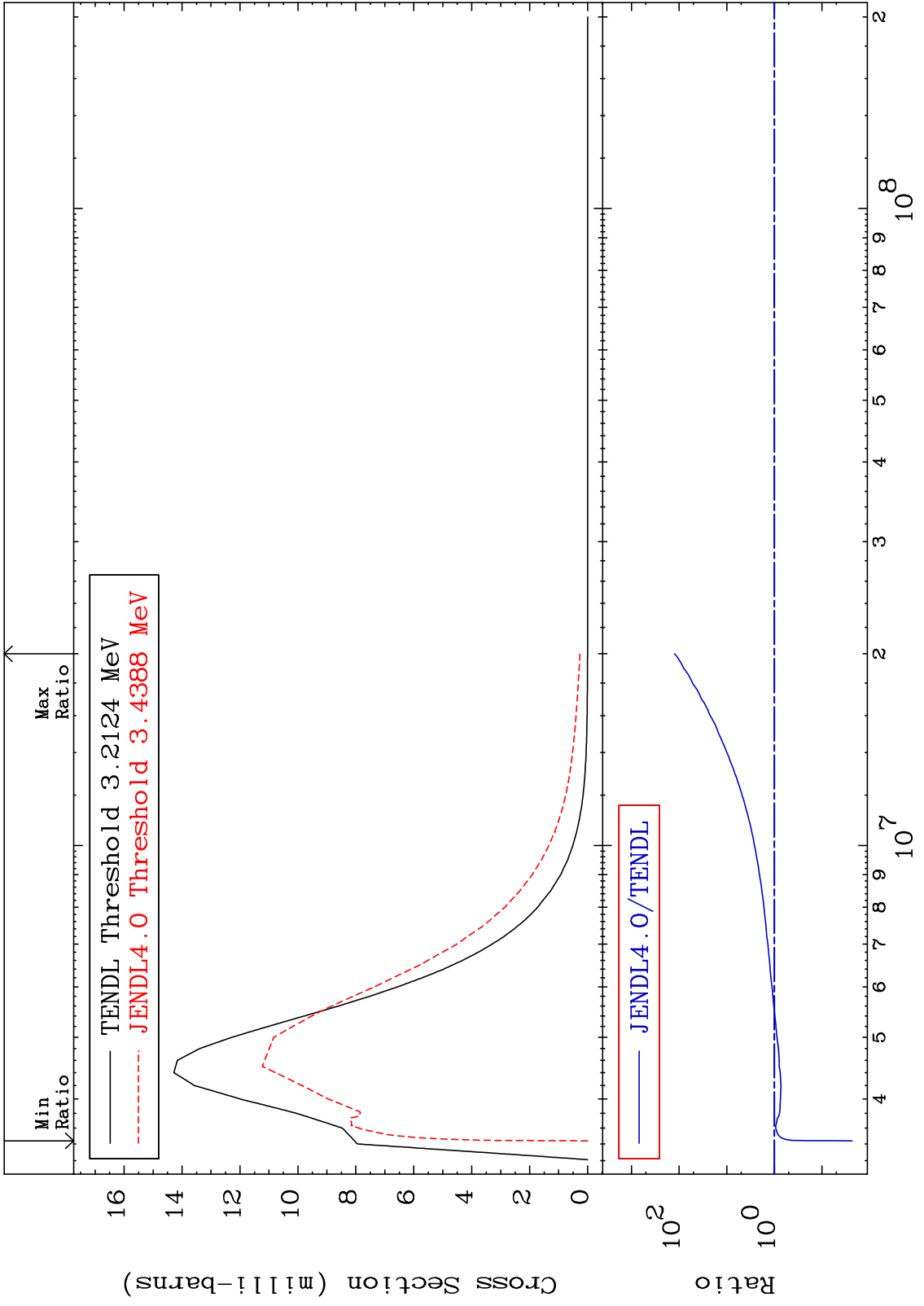
MAT 2328 MT= 66 (n,n') Level Cross Section -95.10 To 8810. % 23-V -51



MAT 2328

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

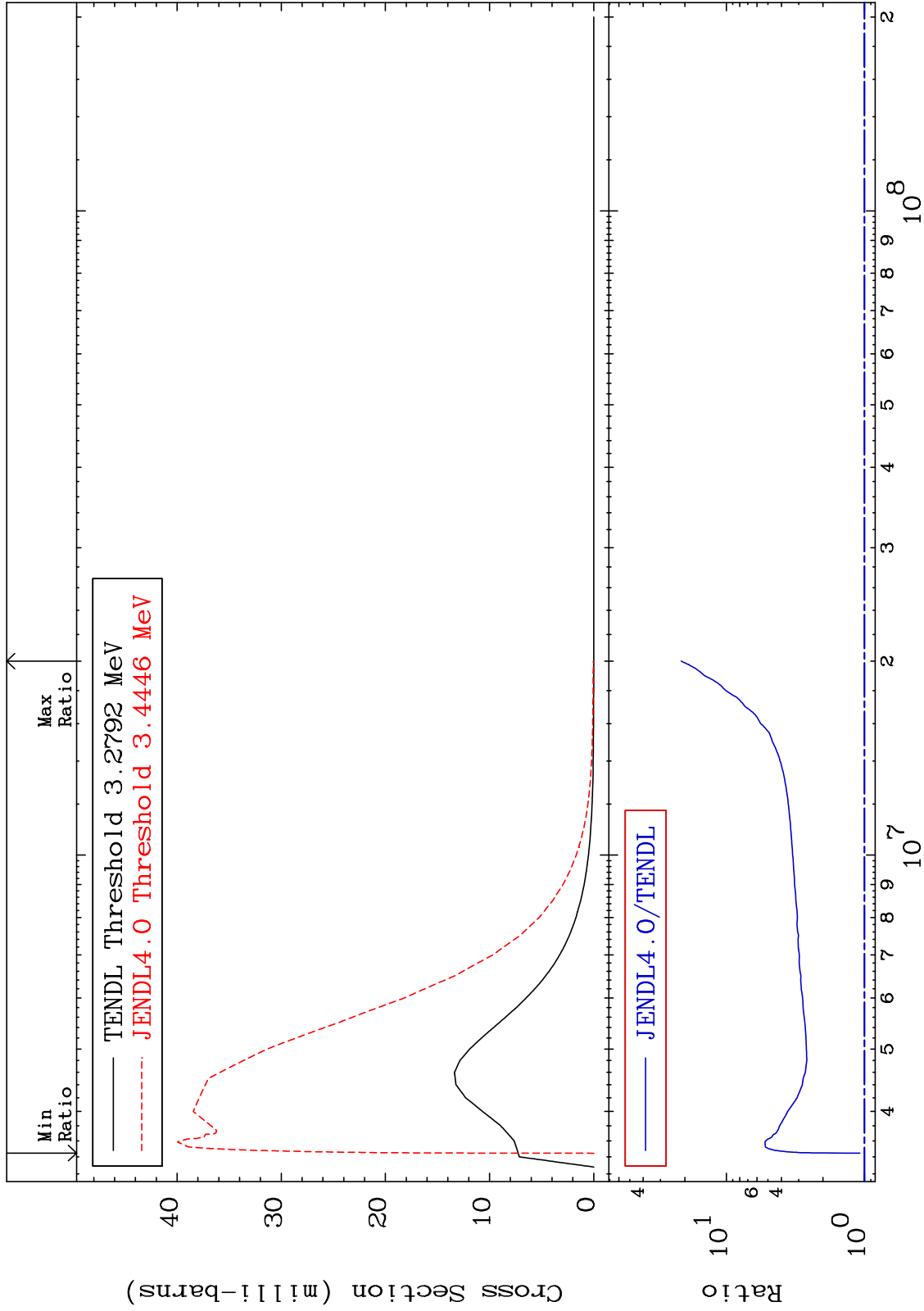
23-V -51
-97.69 To 9999. %



MAT 2328

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

23-V -51
7.899 To 2023. %



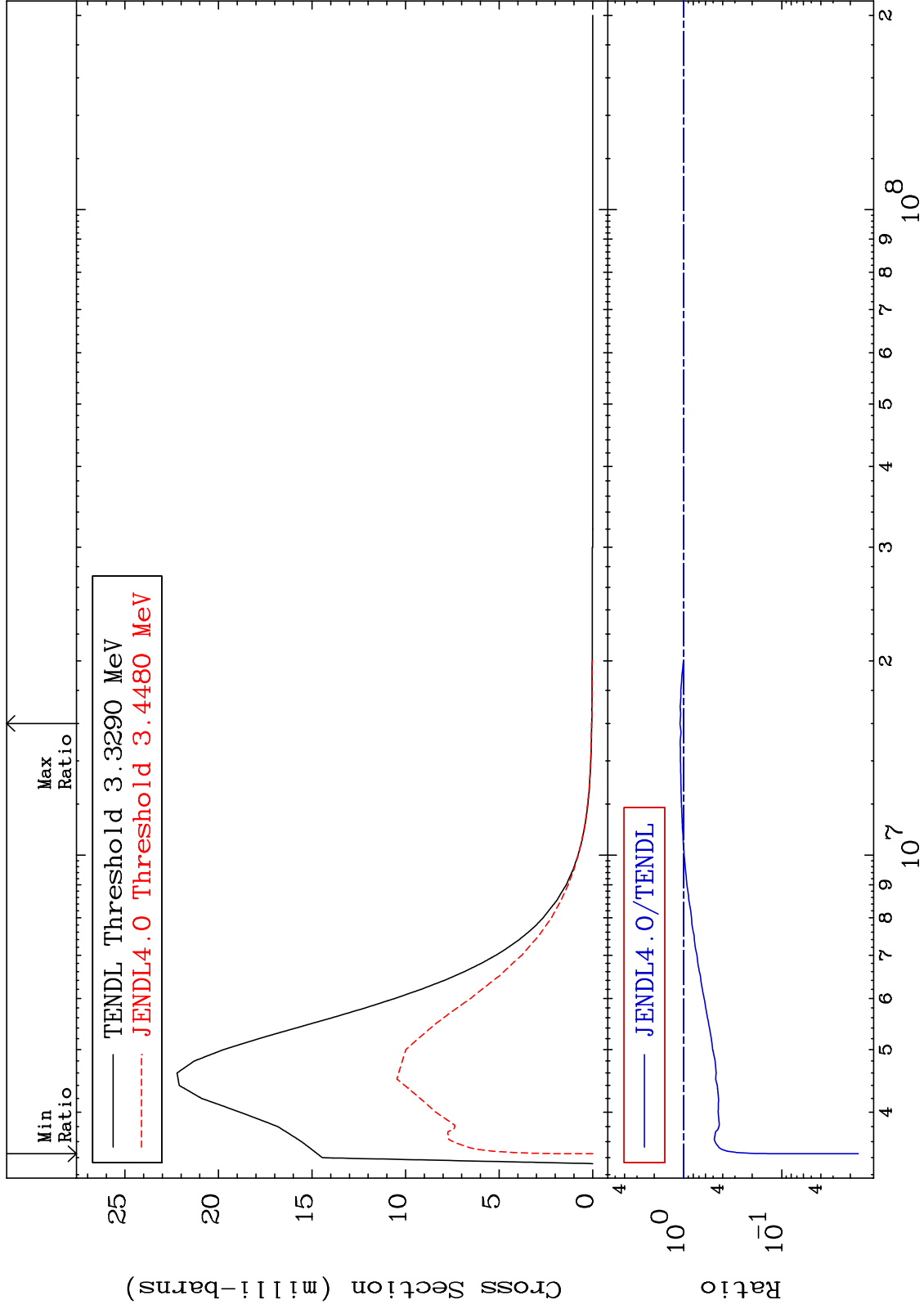
25

23-V -51

MAT 2328

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

23-V -51
-98.35 To 8.988 %



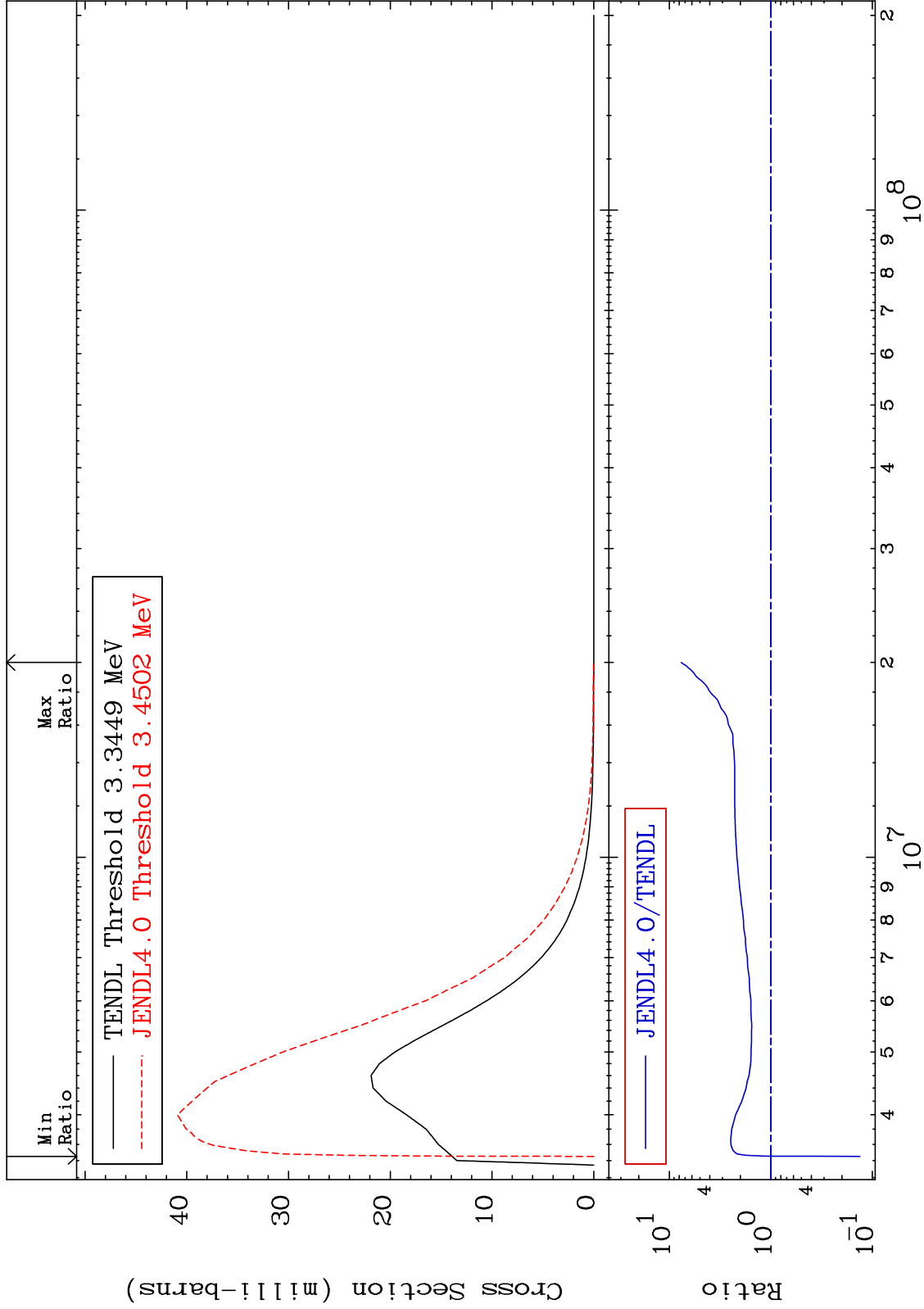
26

23-V -51

MAT 2328

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

23-V -51
-86.72 To 662.7 %



27

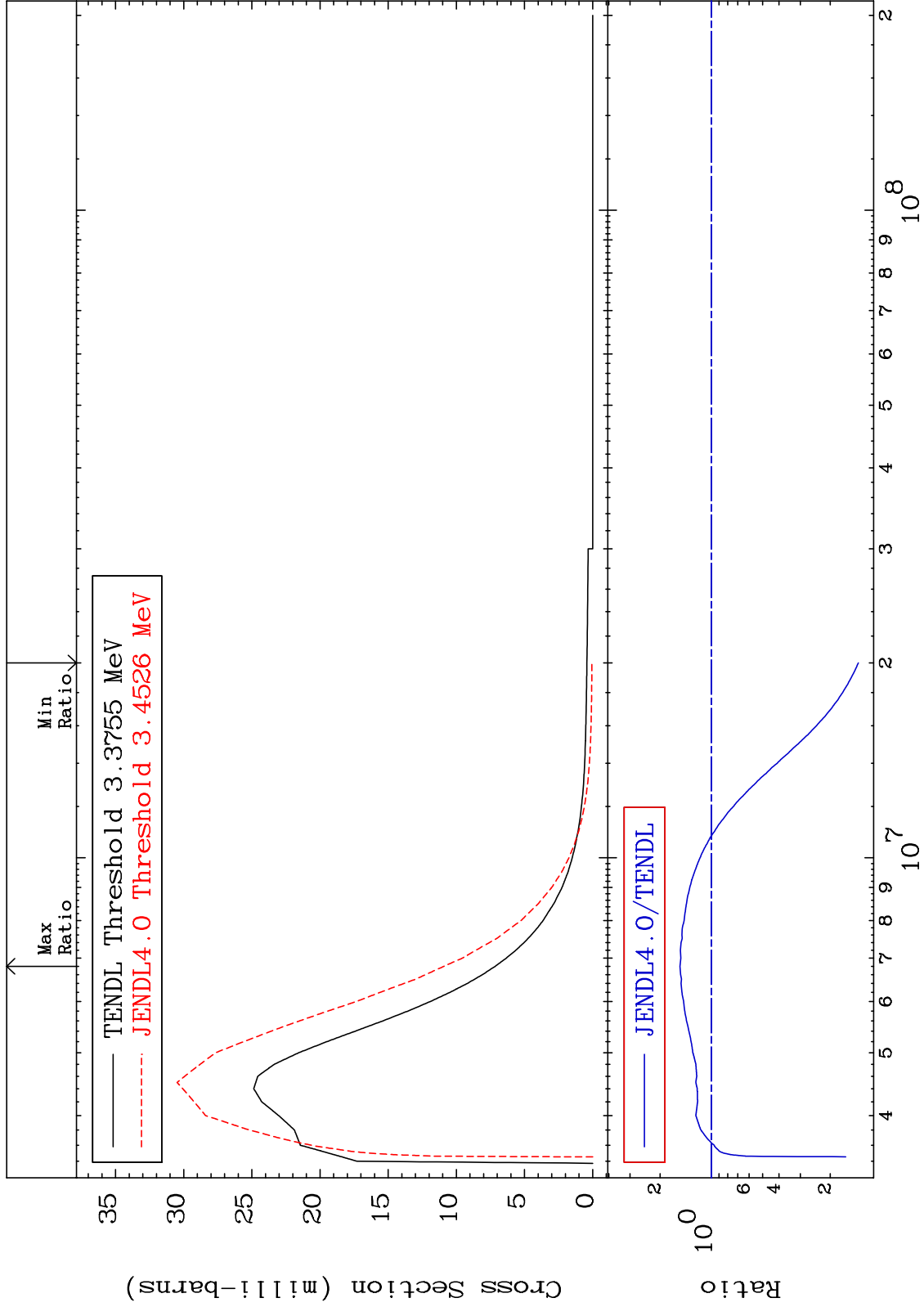
Incident Energy (eV)

23-V -51

MAT 2328

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

23-V -51
-86.33 To 52.65 %



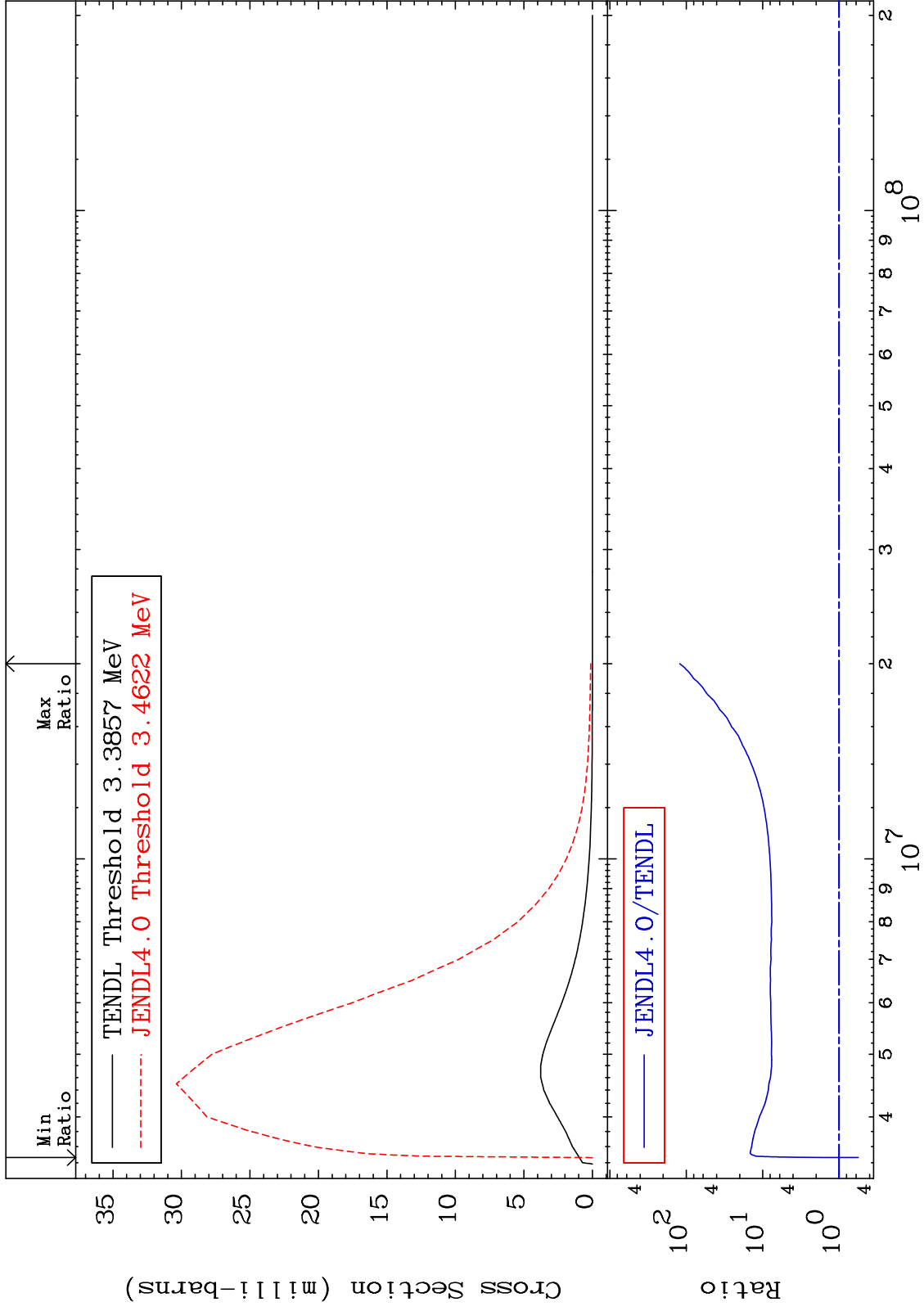
28

23-V -51

MAT 2328

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

23-V -51
-43.93 To 9999. %



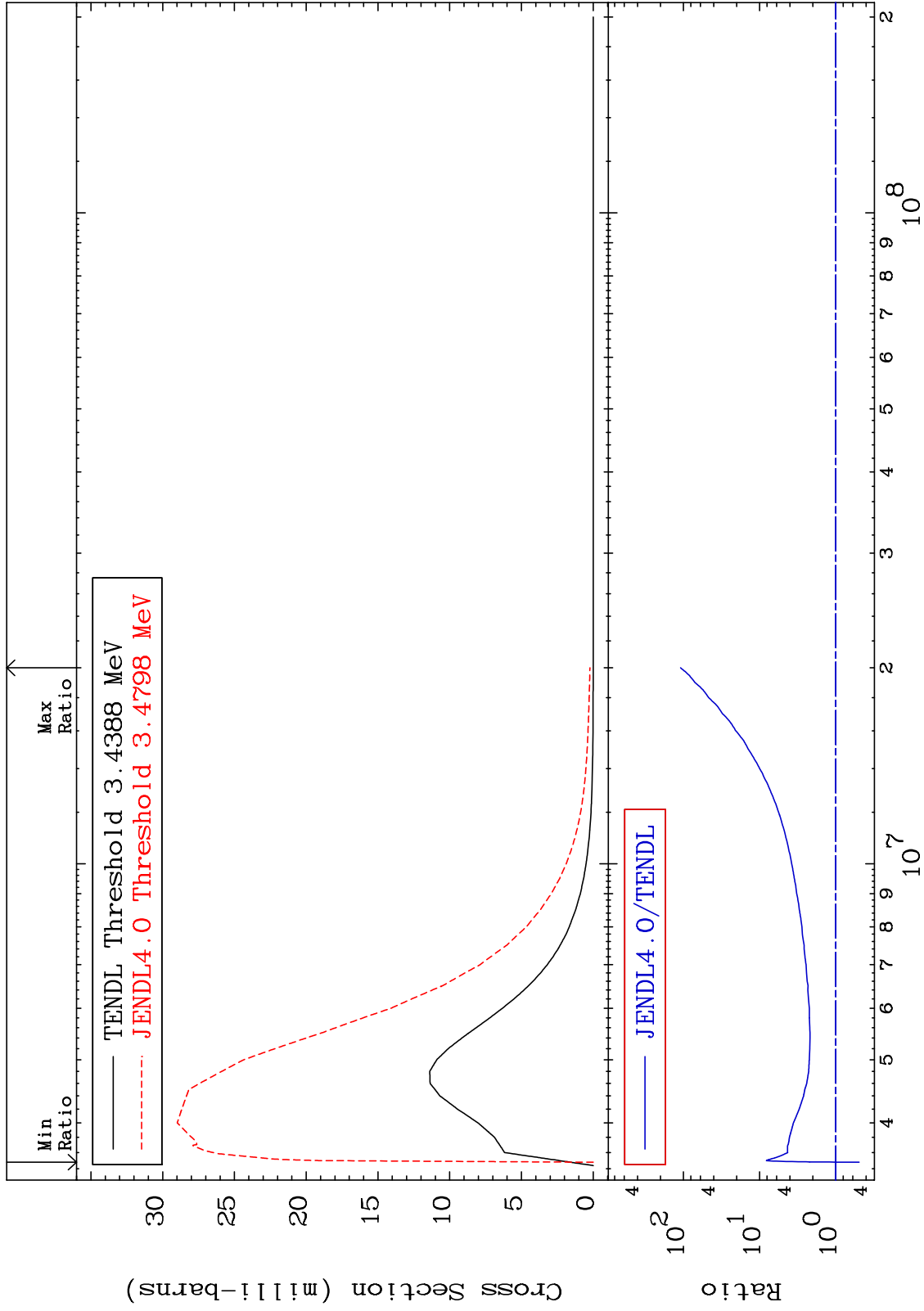
29

23-V -51

MAT 2328

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

23-V -51
-50.56 To 9999. %



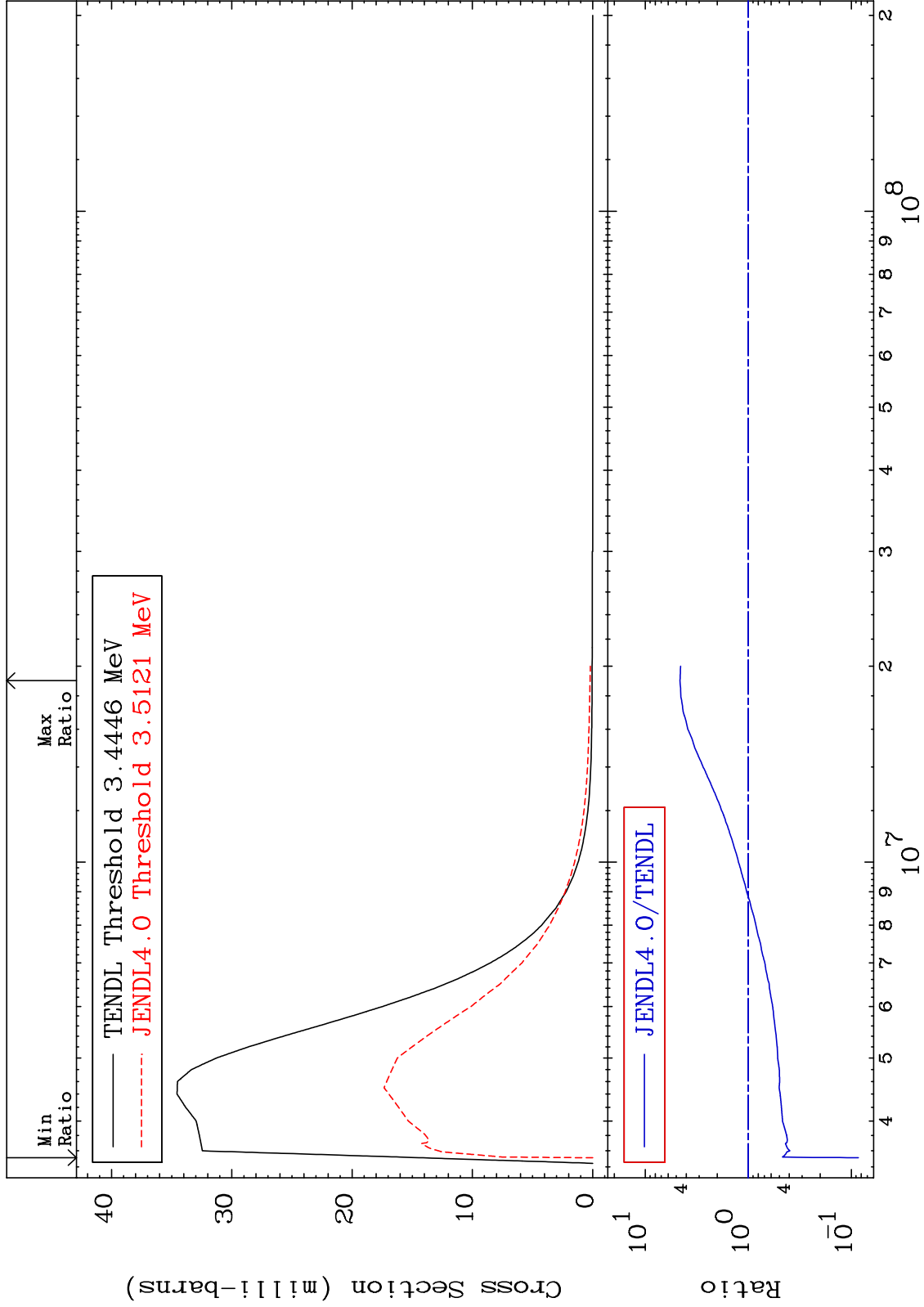
30

23-V -51

MAT 2328

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

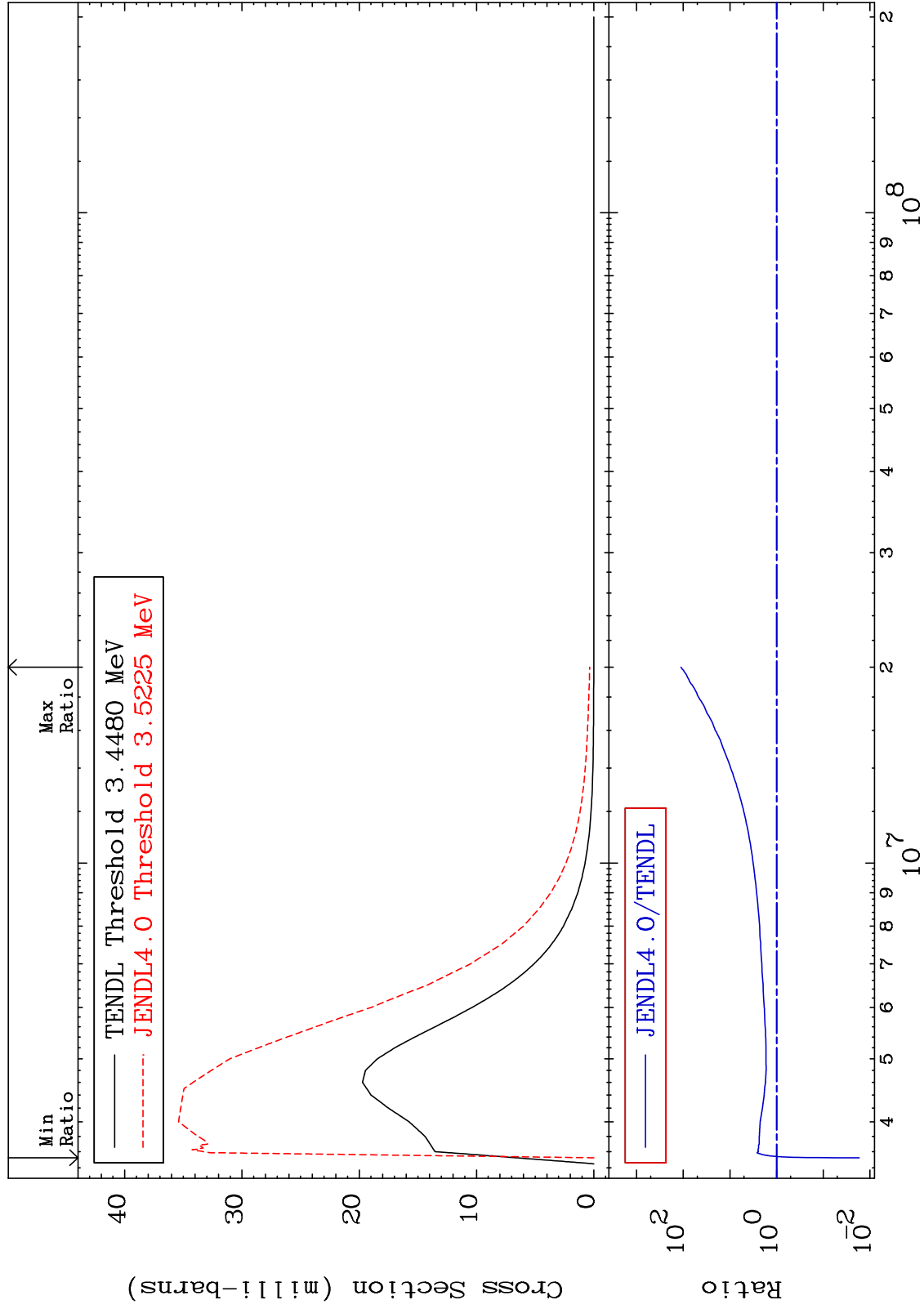
23-V -51
-91.47 To 360.6 %



MAT 2328

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

23-V -51
-98.31 To 9999. %



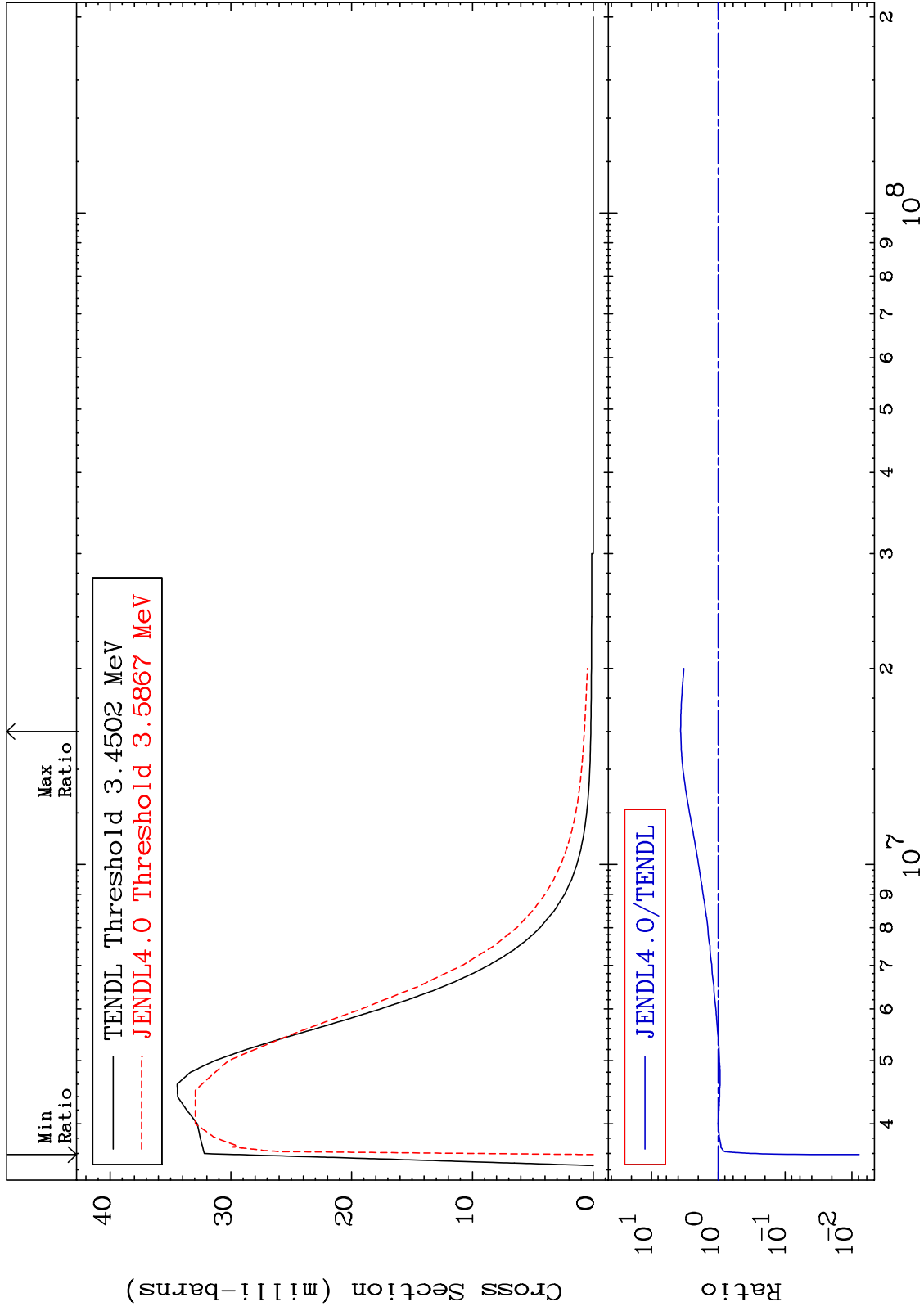
32

23-V -51

MAT 2328

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

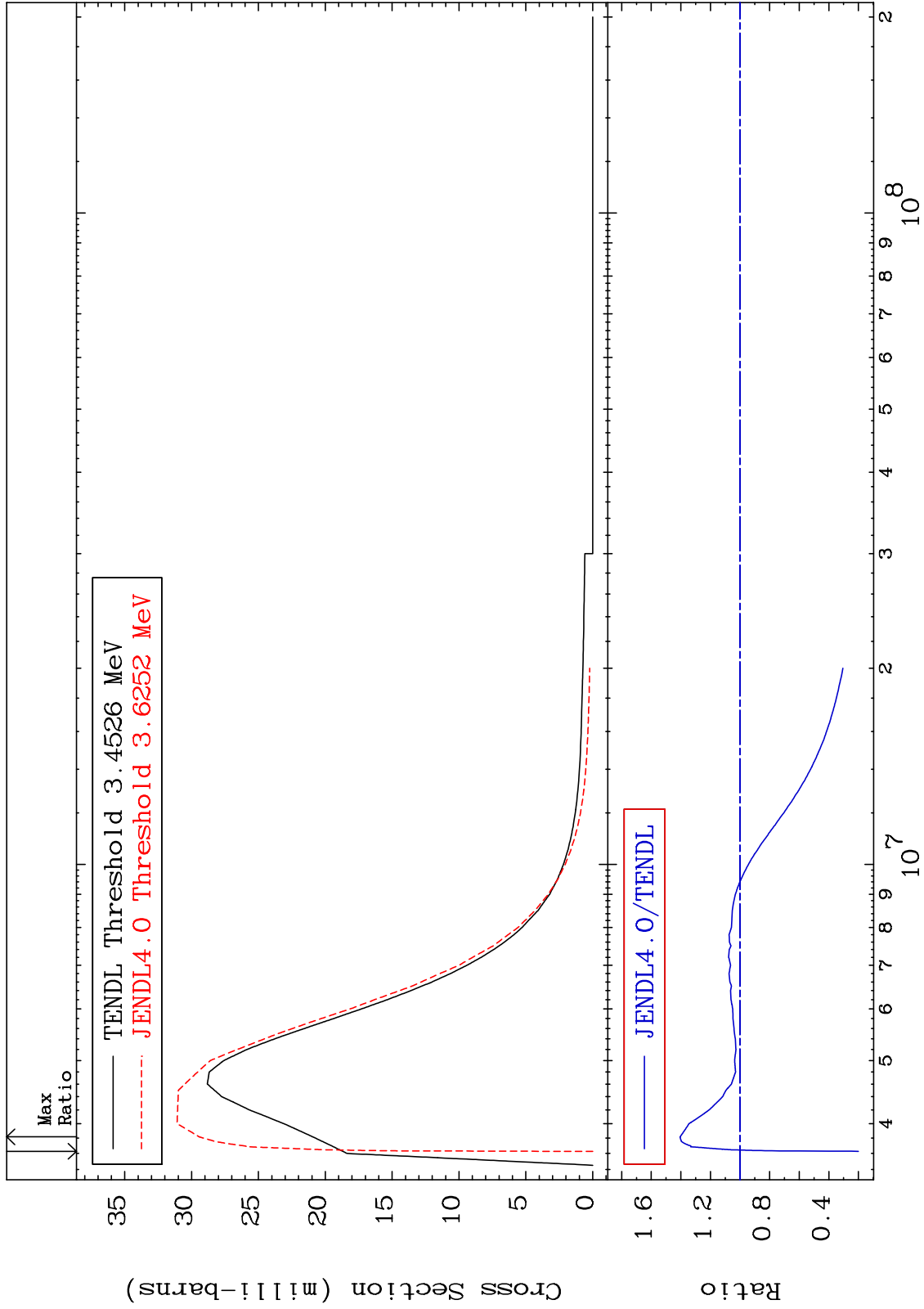
23-V -51
-99.22 To 266.5 %



MAT 2328

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

23-V -51
-80.00 To 40.55 %



34

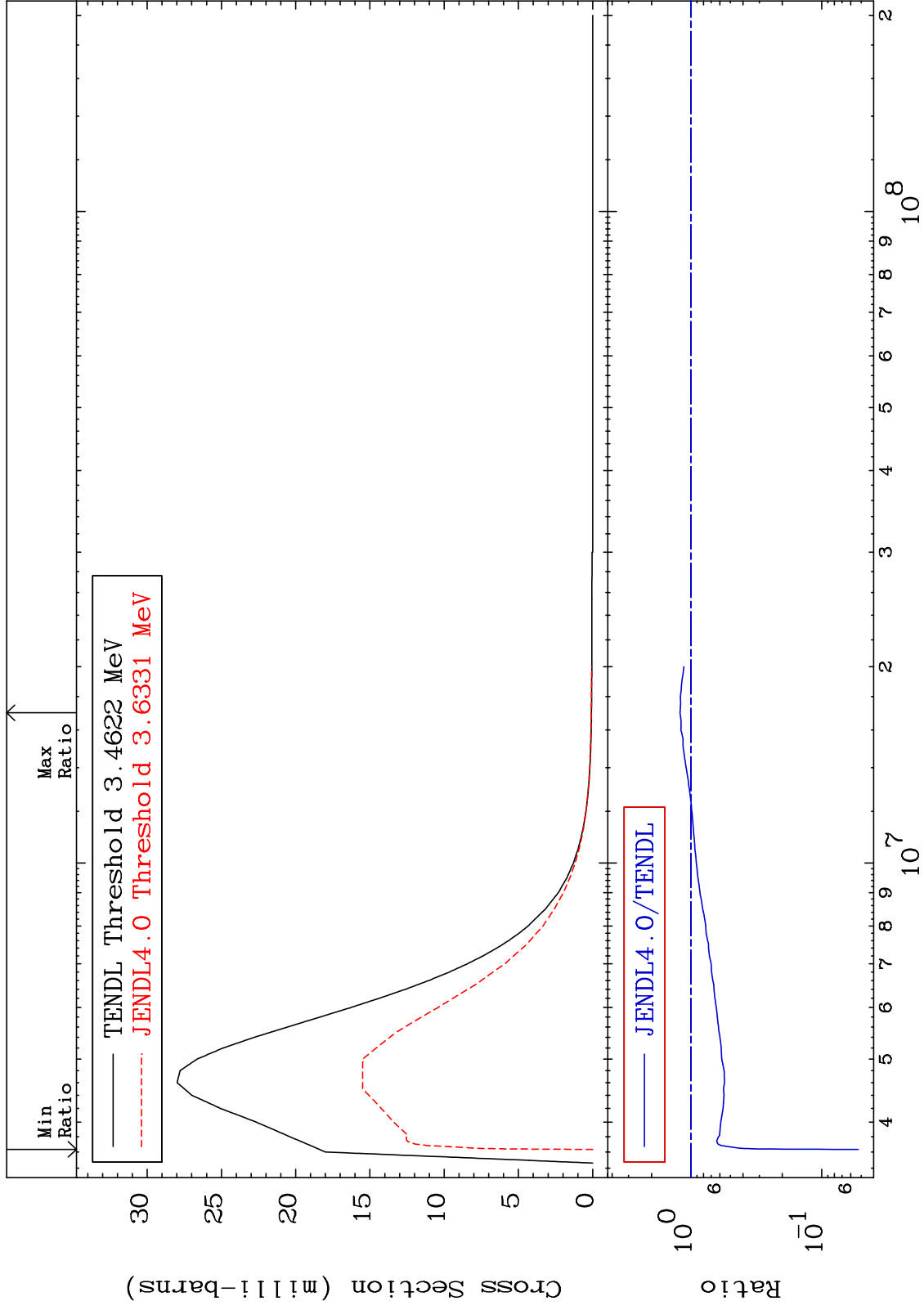
Incident Energy (eV)

23-V -51

MAT 2328

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

23-V -51
-94.75 To 21.06 %



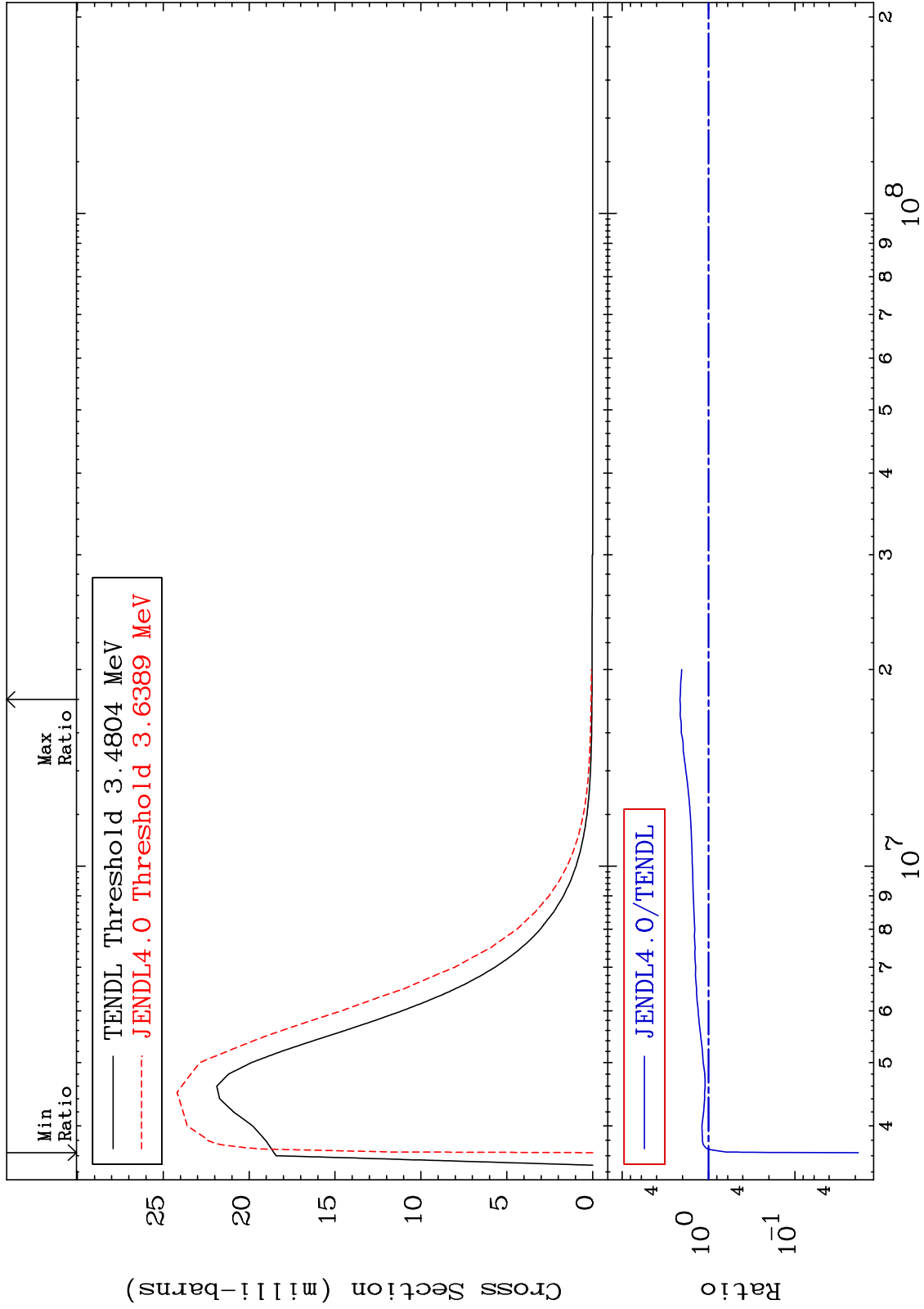
35

23-V -51

MAT 2328

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

23-V -51
-98.16 To 113.7 %



36

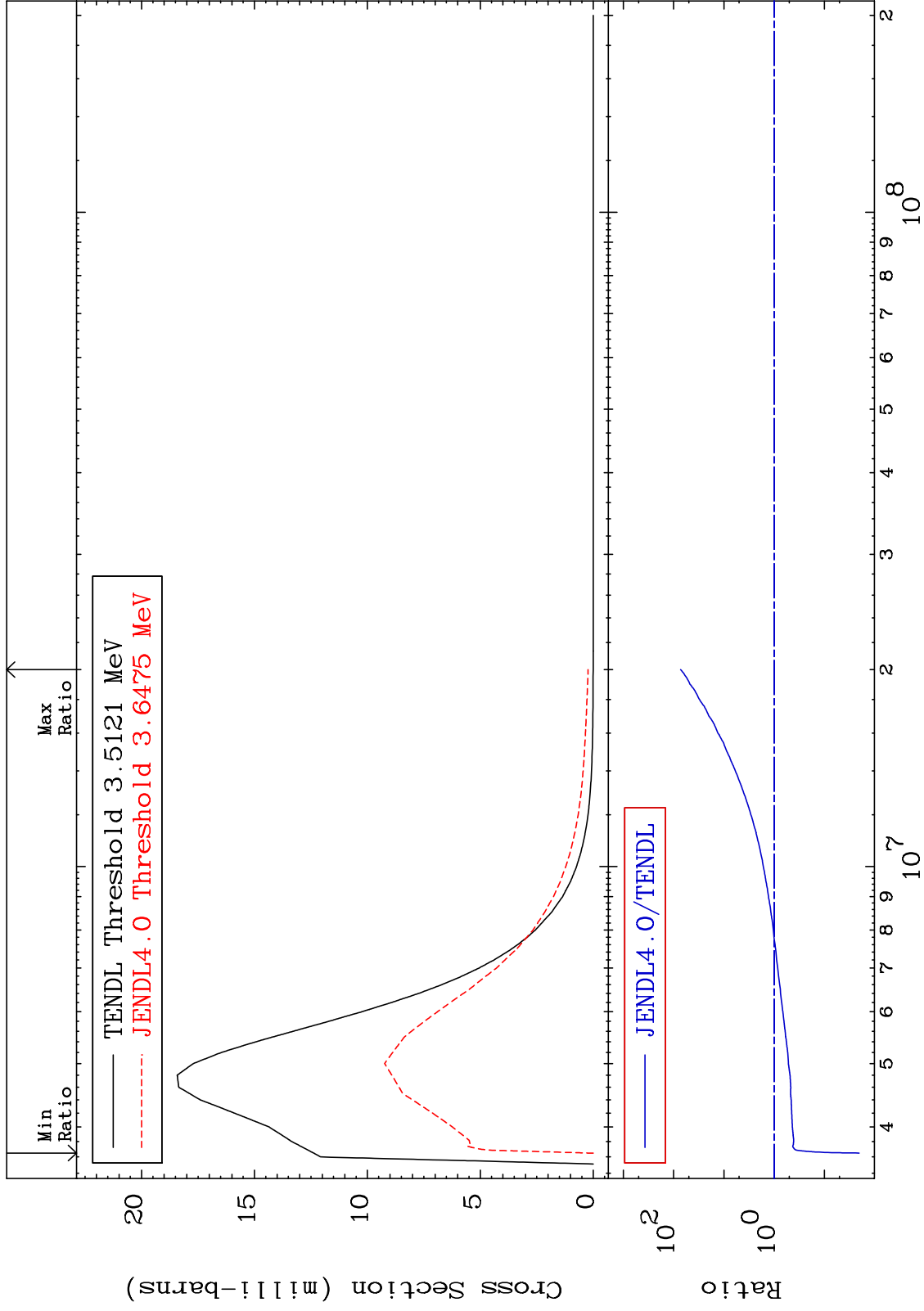
Incident Energy (eV)

23-V -51

MAT 2328

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

23-V -51
-97.96 To 7174. %



37

Incident Energy (eV)

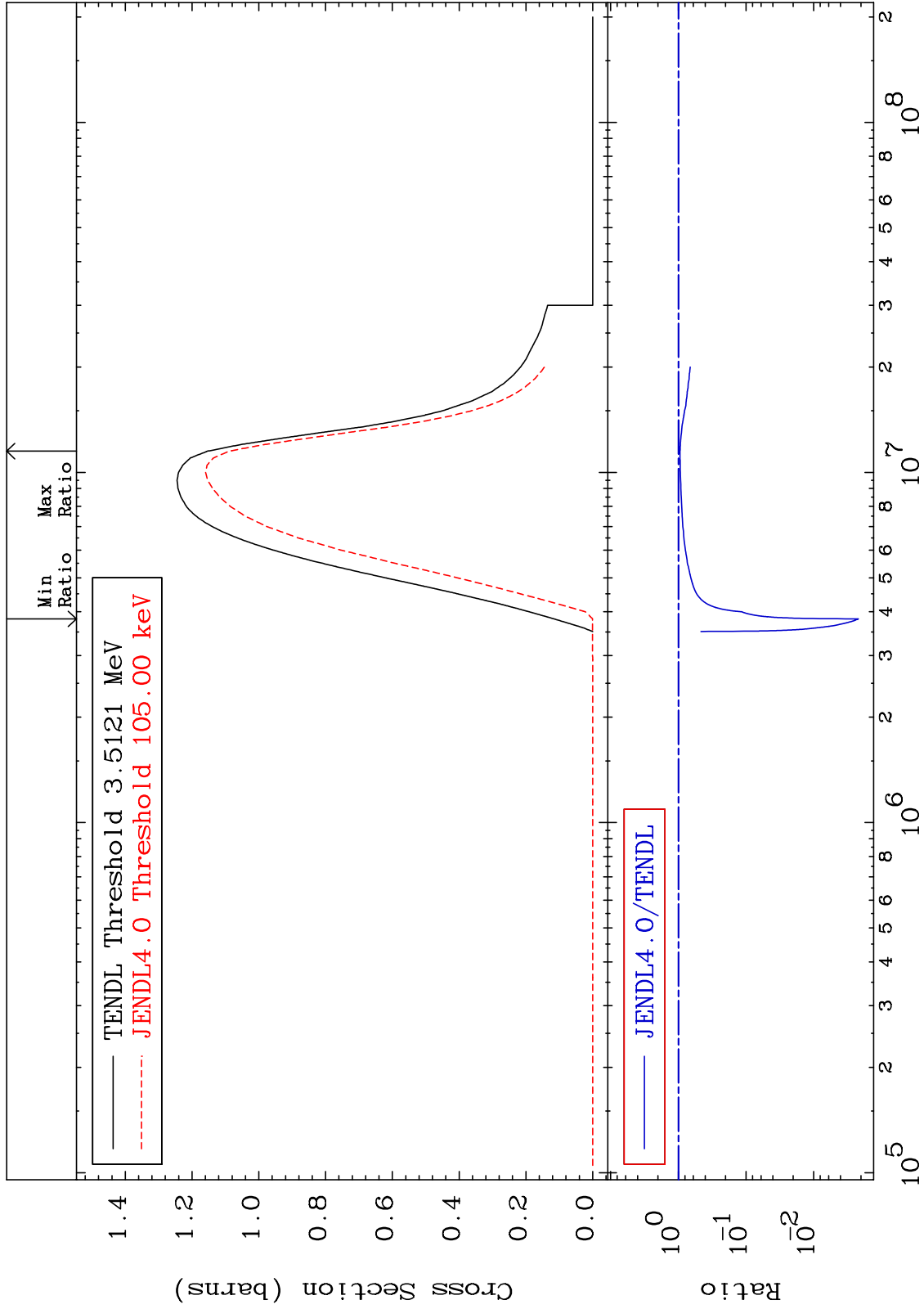
23-V -51

MAT 2328

(n, n') Continuum
Cross Section

23-V -51

-99.78 To -5.606%



38

Incident Energy (eV)

23-V -51

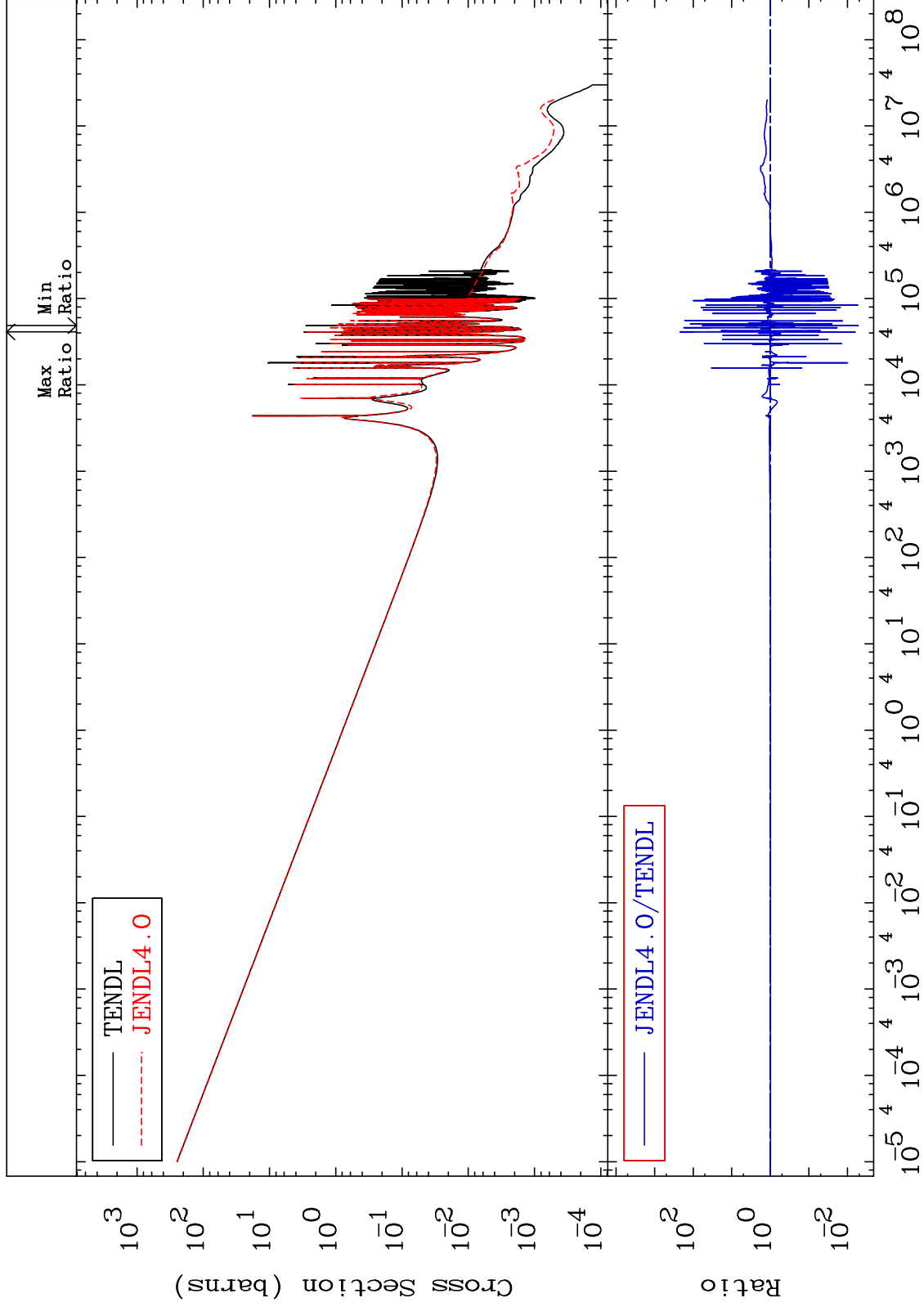
MAT 2328

(n, γ)

23-V -51

Cross Section

-99.48 To 9999. %



39

Incident Energy (eV)

23-V -51

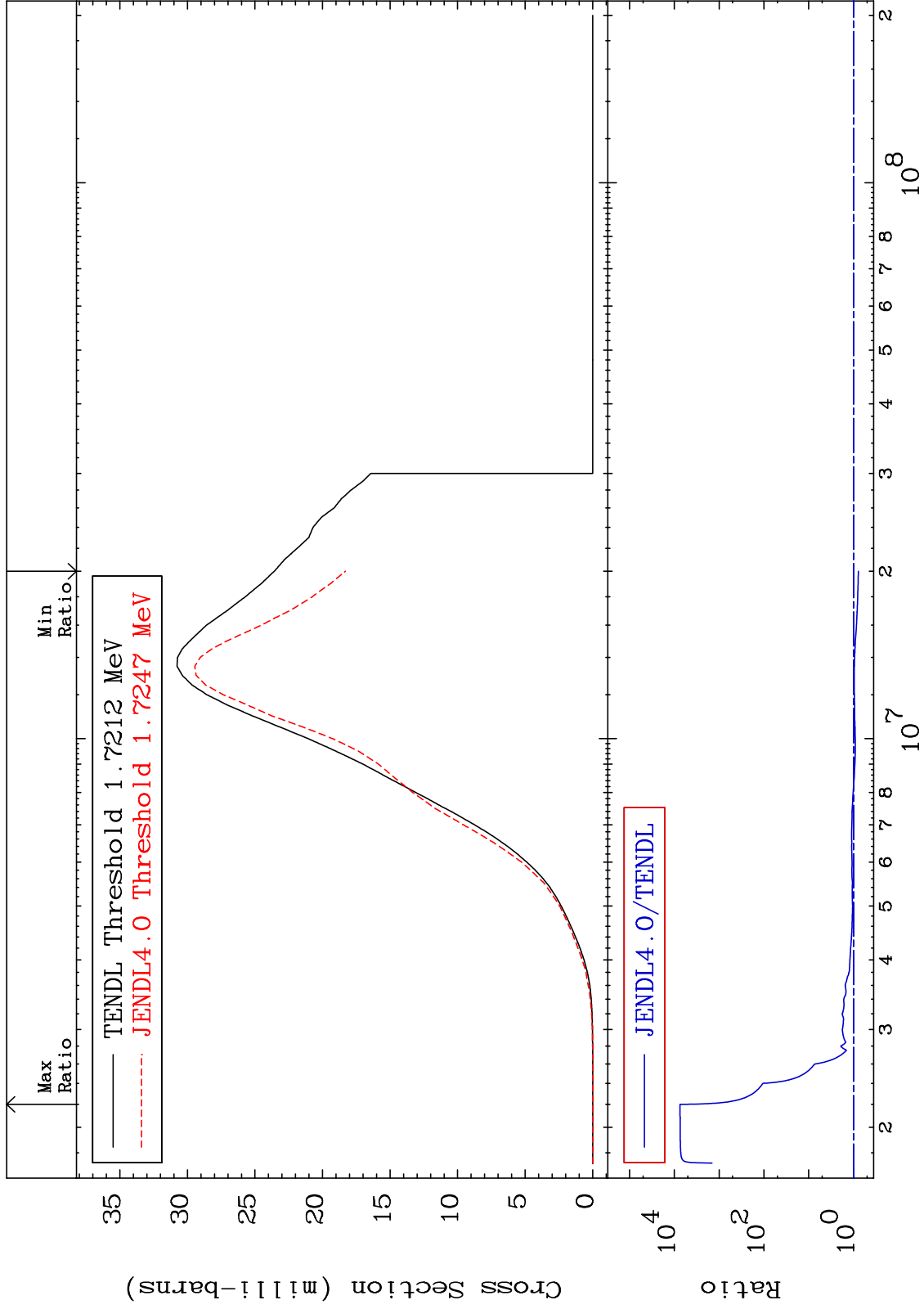
MAT 2328

(n,p)

23-V -51

Cross Section

-22.32 To 9999. %



40

Incident Energy (eV)

23-V -51

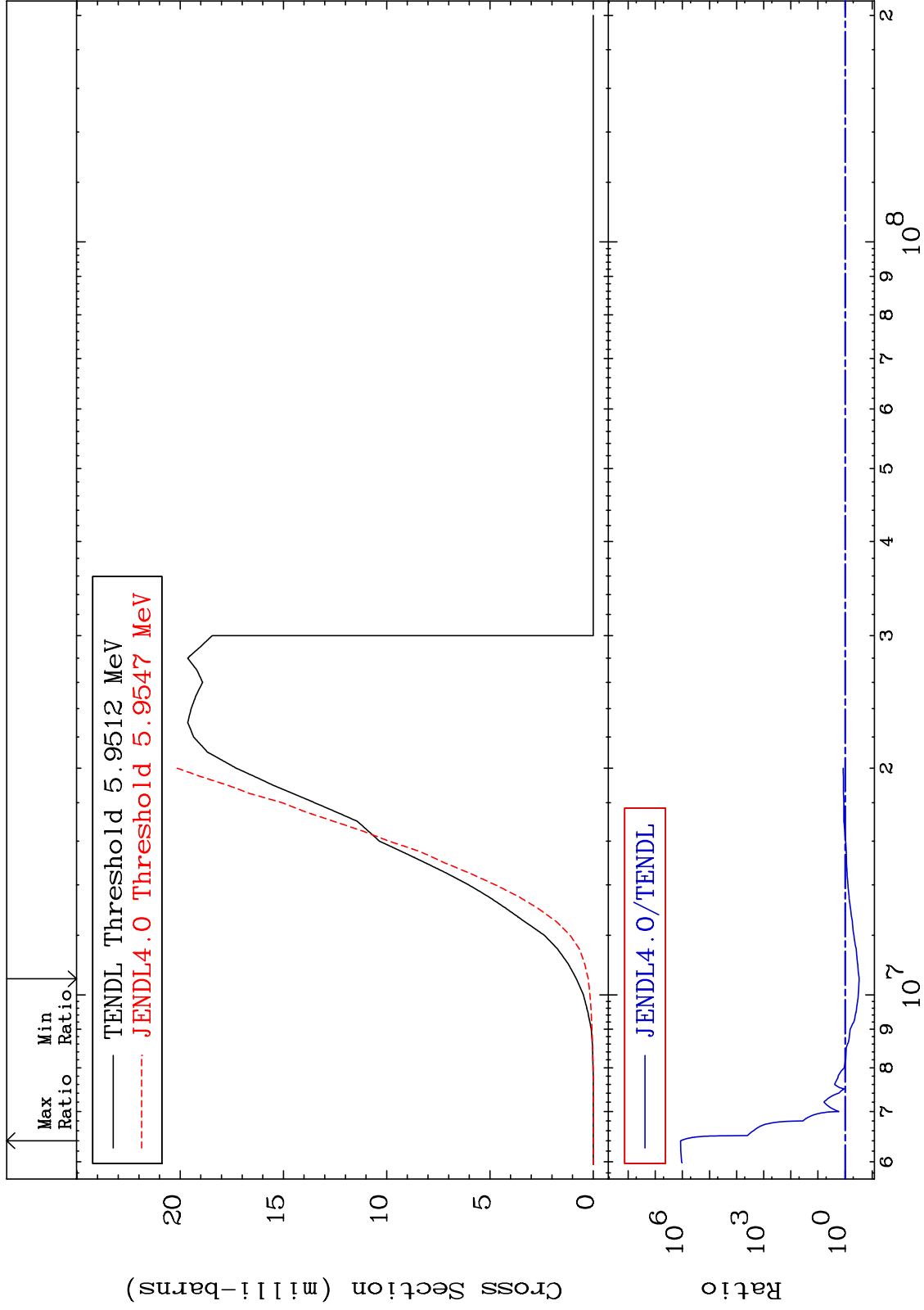
MAT 2328

(n,d)

23-V -51

Cross Section

-69.84 To 9999. %



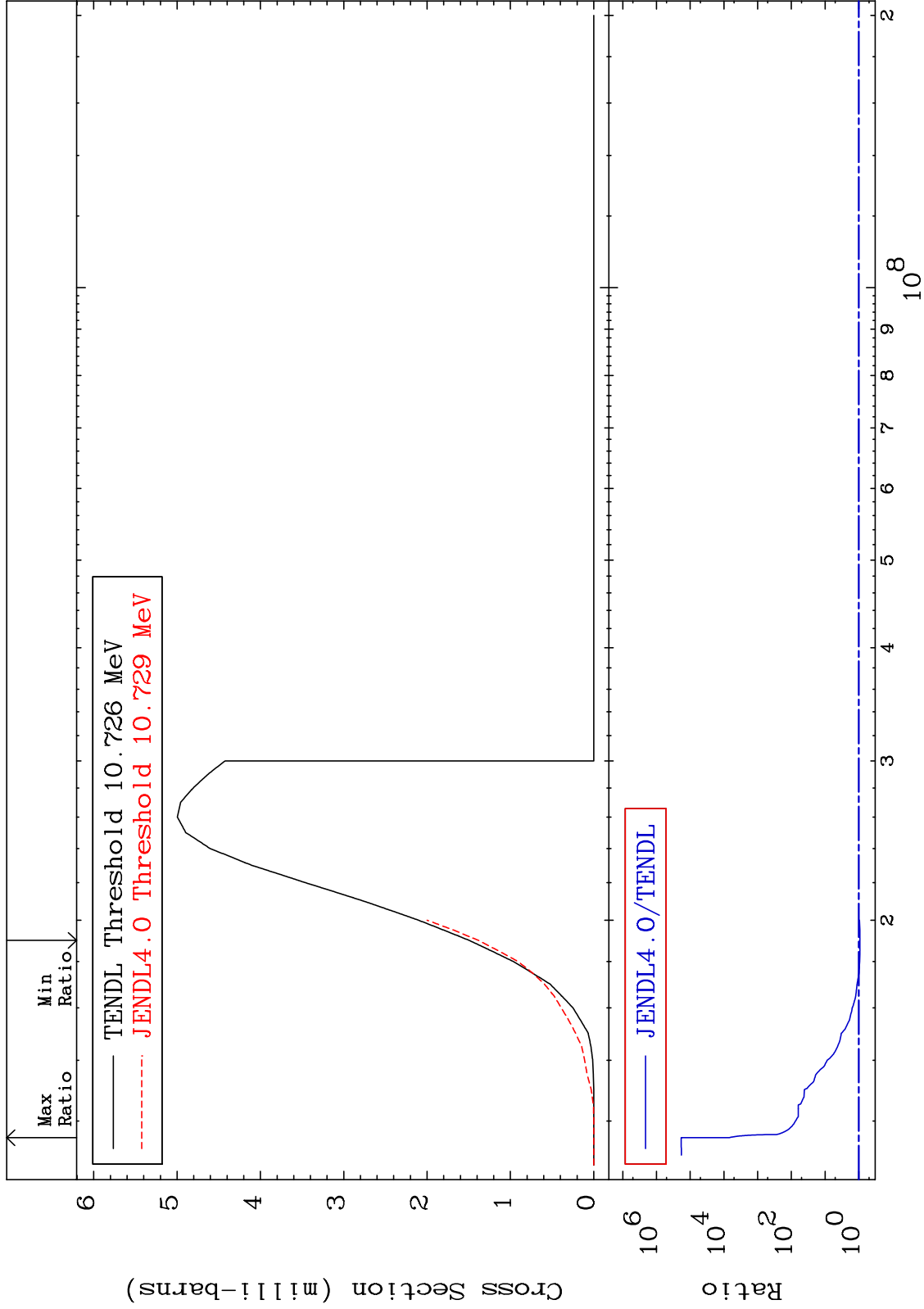
41

Incident Energy (eV)

23-V -51

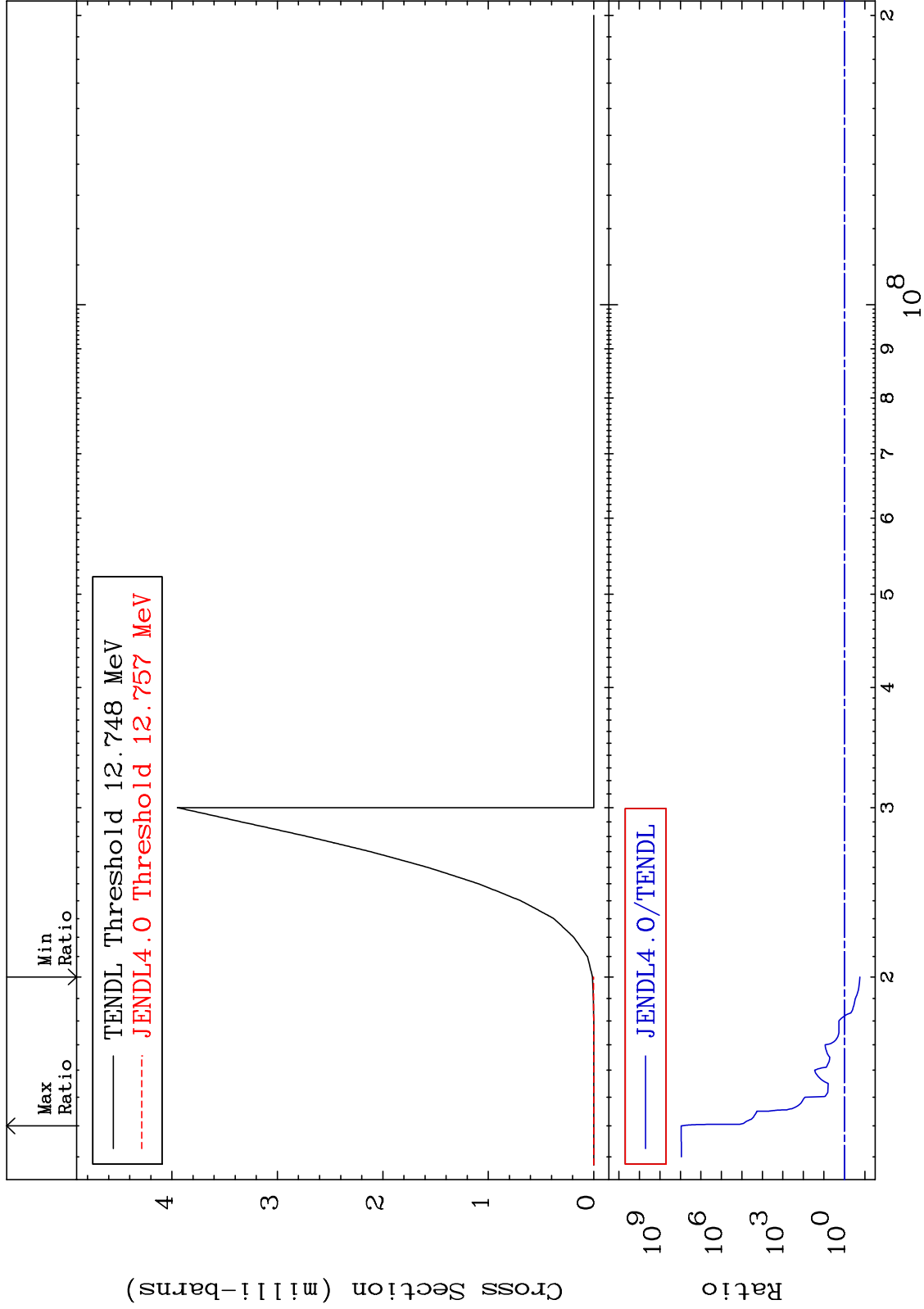
Cross Section

-7.419 To 9999. %



Cross Section

-82.71 To 9999. %



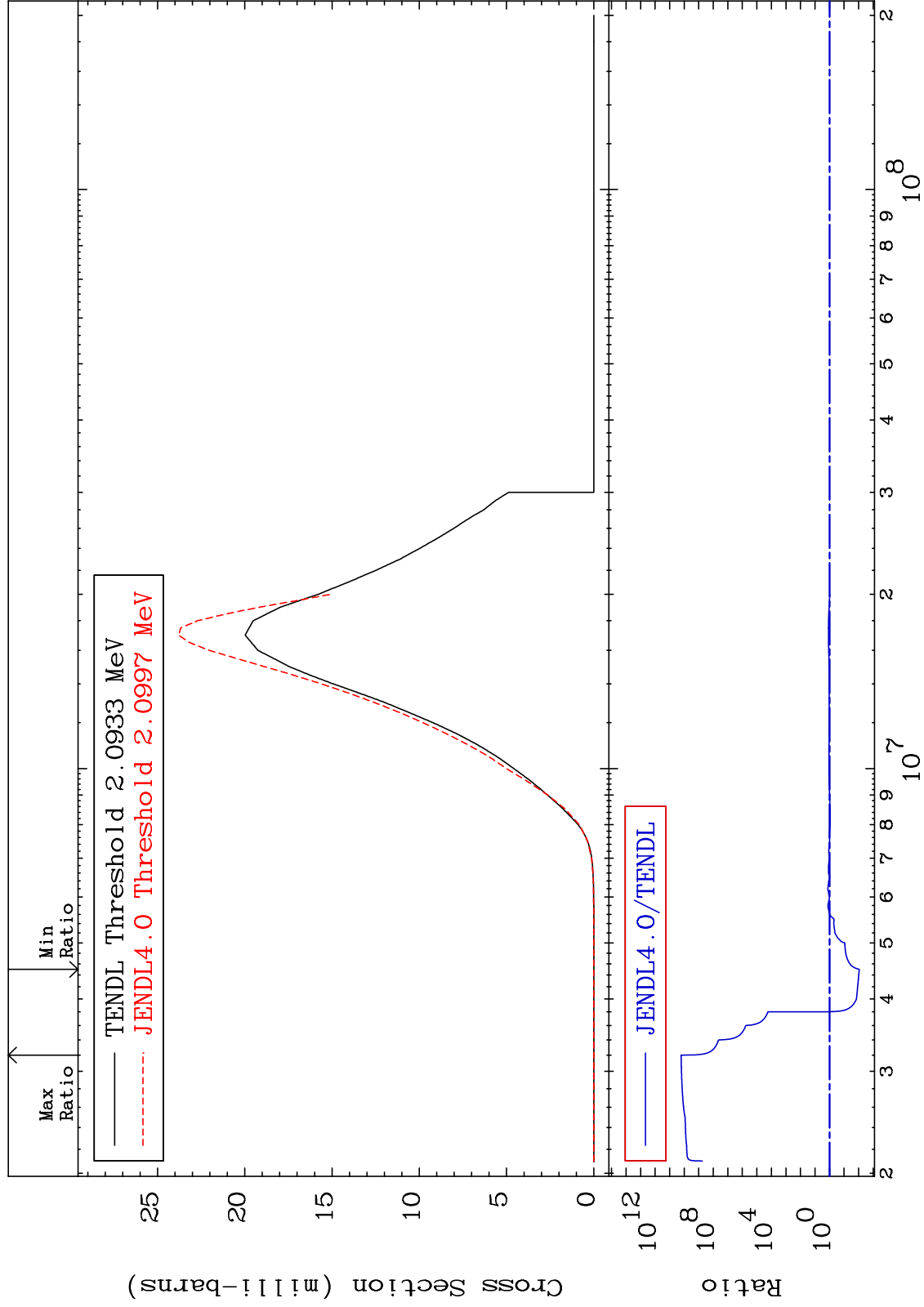
MAT 2328

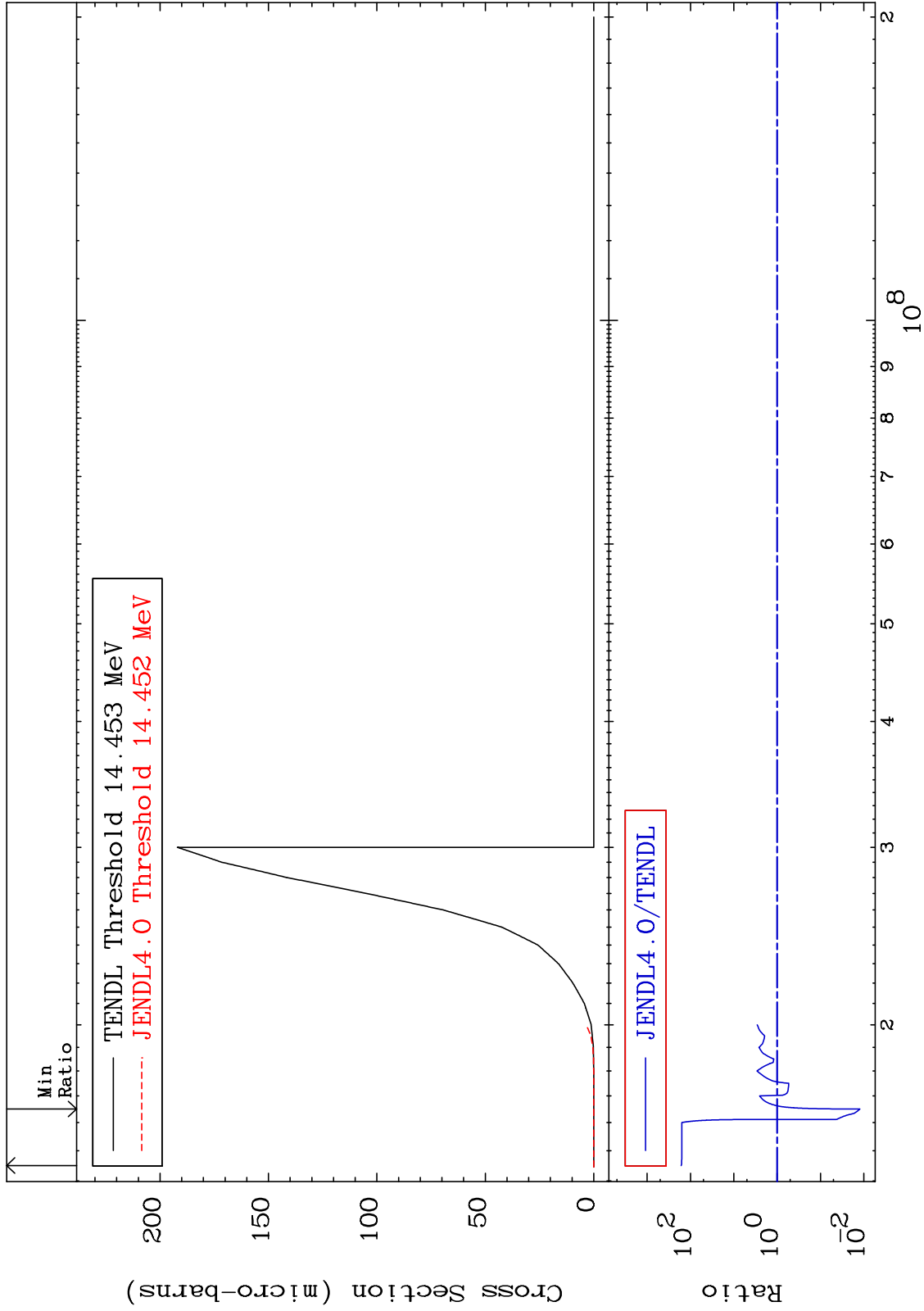
(n, α)

23-V -51

Cross Section

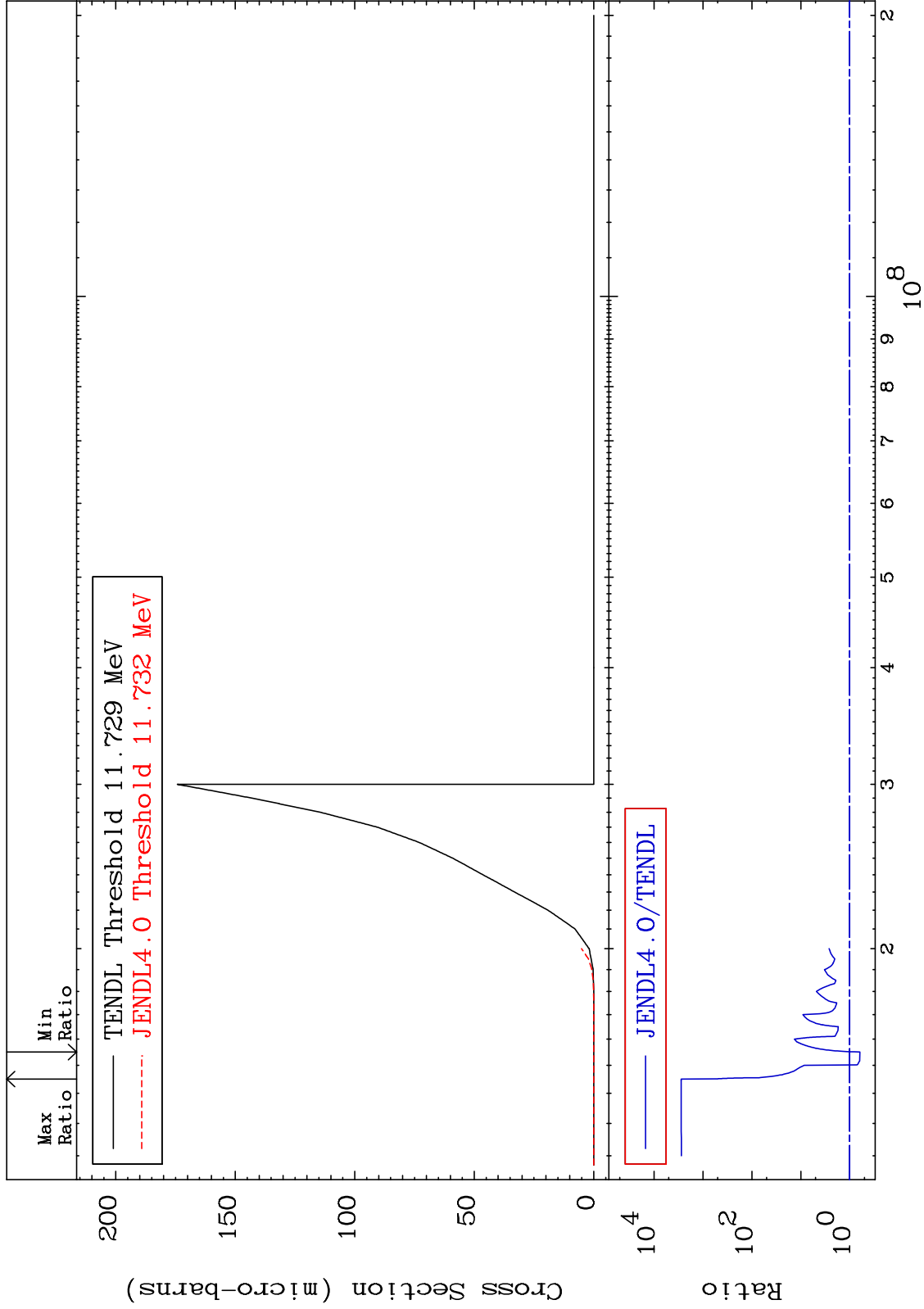
-99.10 To 9999. %





Cross Section

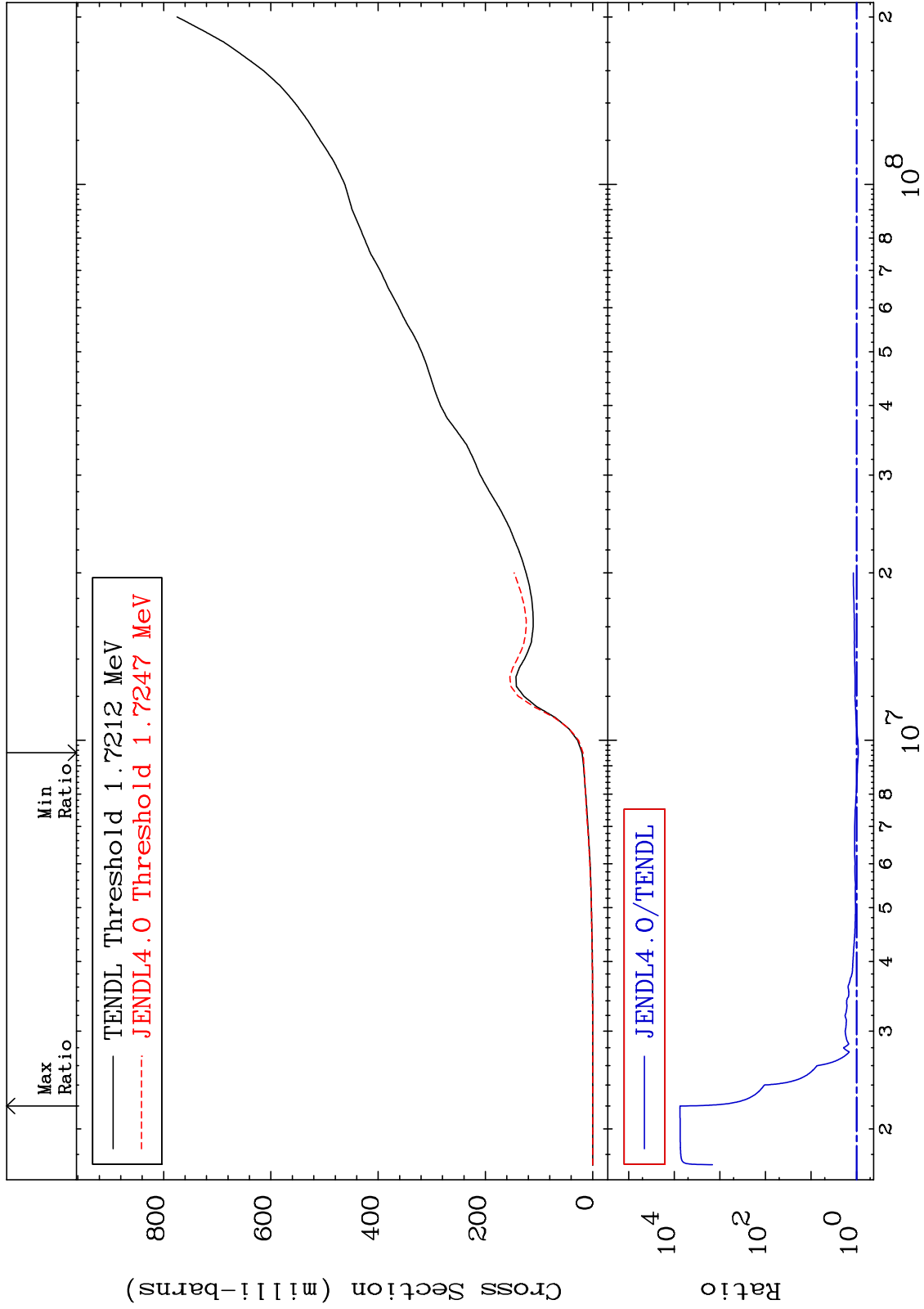
-38.17 To 9999. %



MAT 2328

Hydrogen Production Cross Section

23-V -51
-9.090 To 9999. %



47

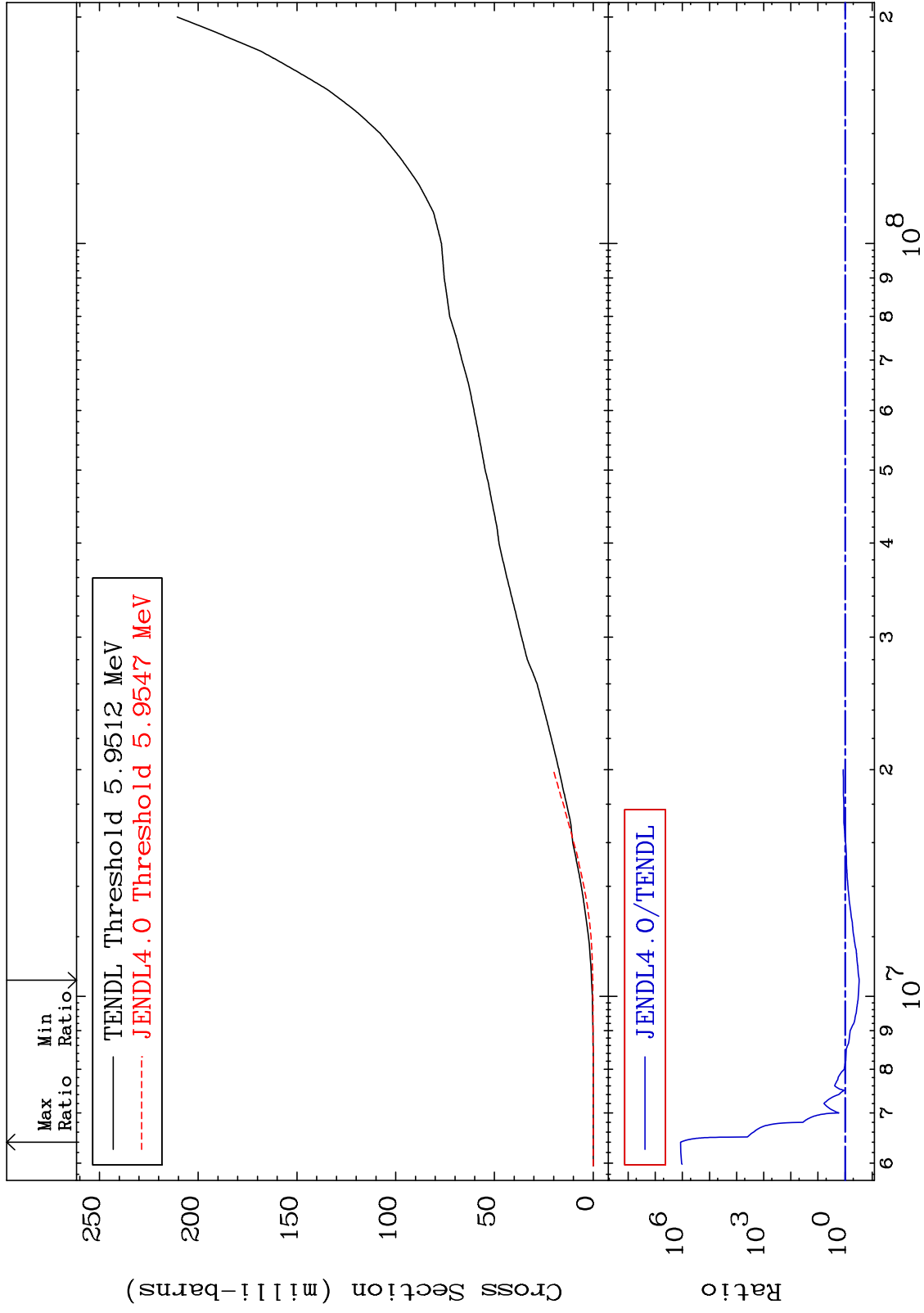
Incident Energy (eV)

23-V -51

MAT 2328

Deuterium Production
Cross Section

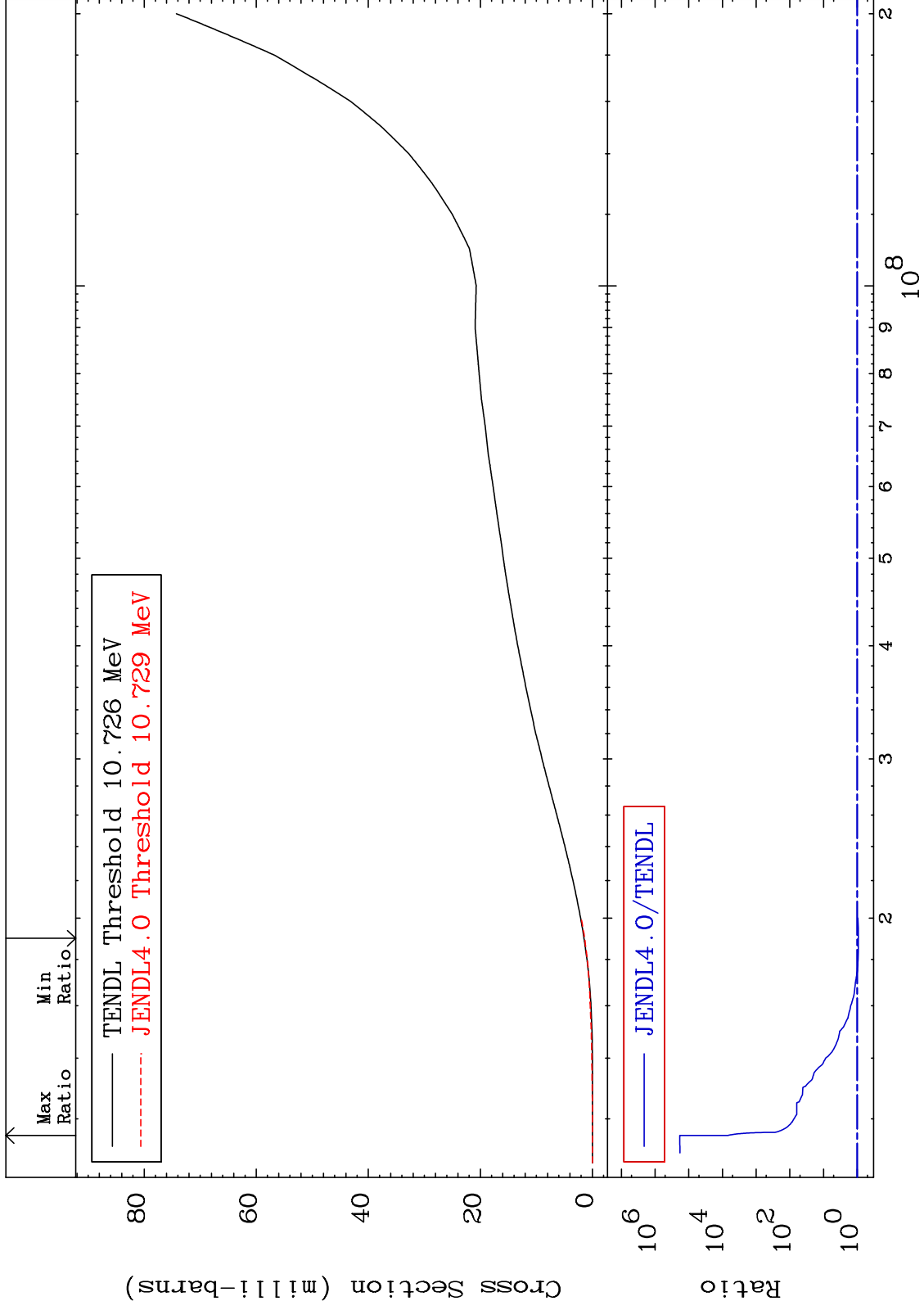
23-V -51
-69.84 To 9999. %



48

Incident Energy (eV)

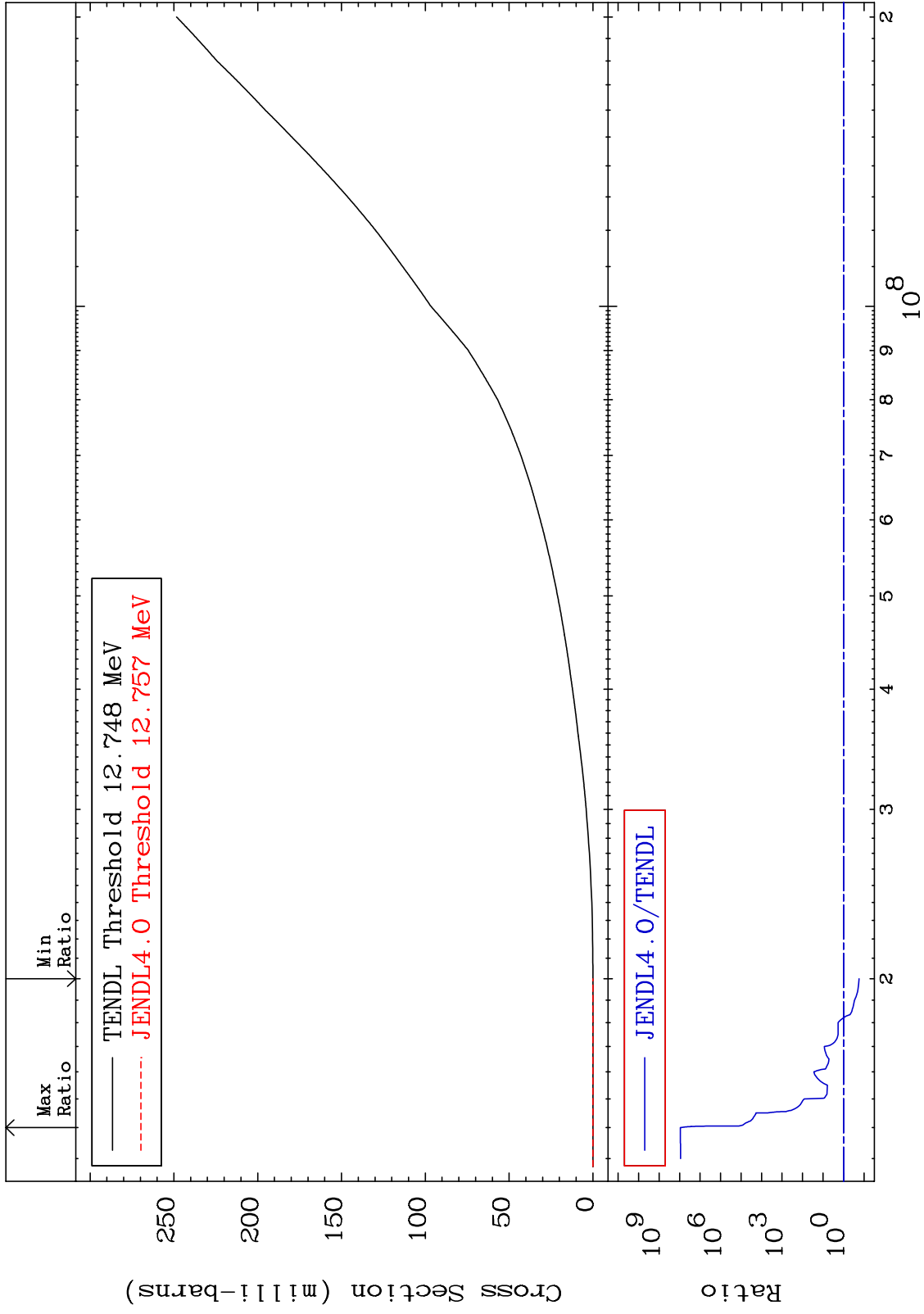
23-V -51

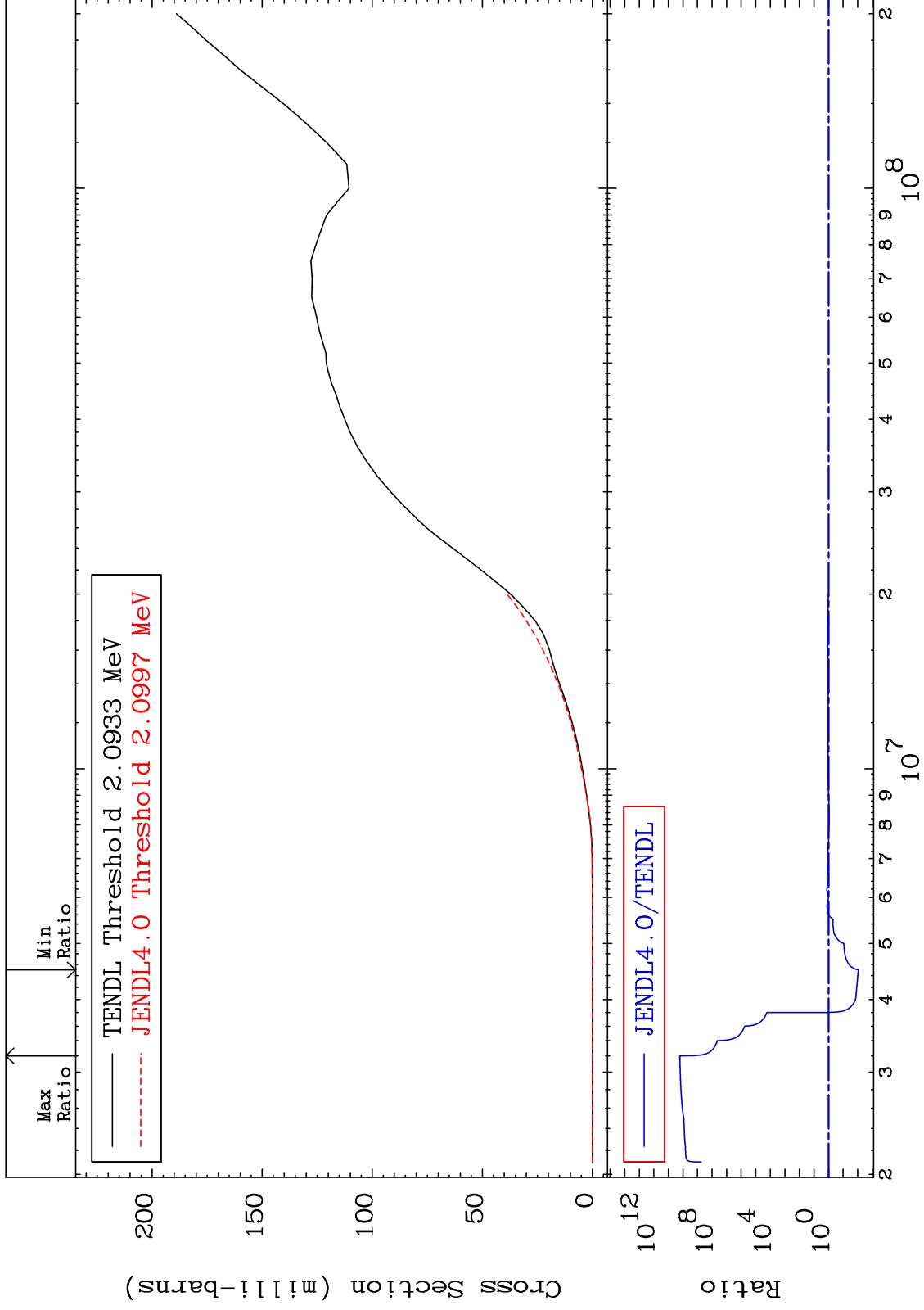


MAT 2328

He-3 Production
Cross Section

23-V -51
-82.71 To 9999. %

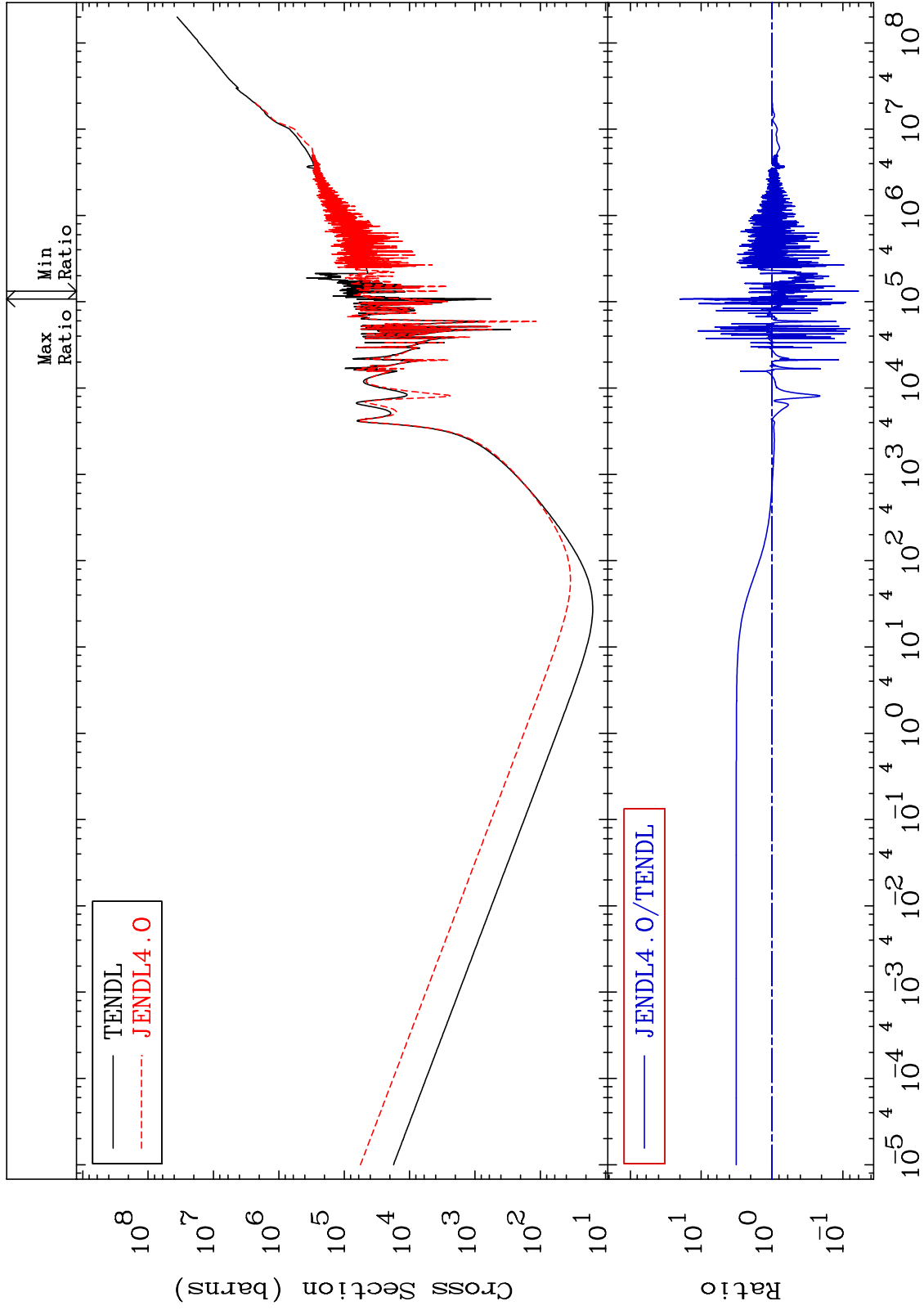




MAT 2328

Kerma total (eV-barns)
Cross Section

23-V -51
-93.96 To 1890. %



52

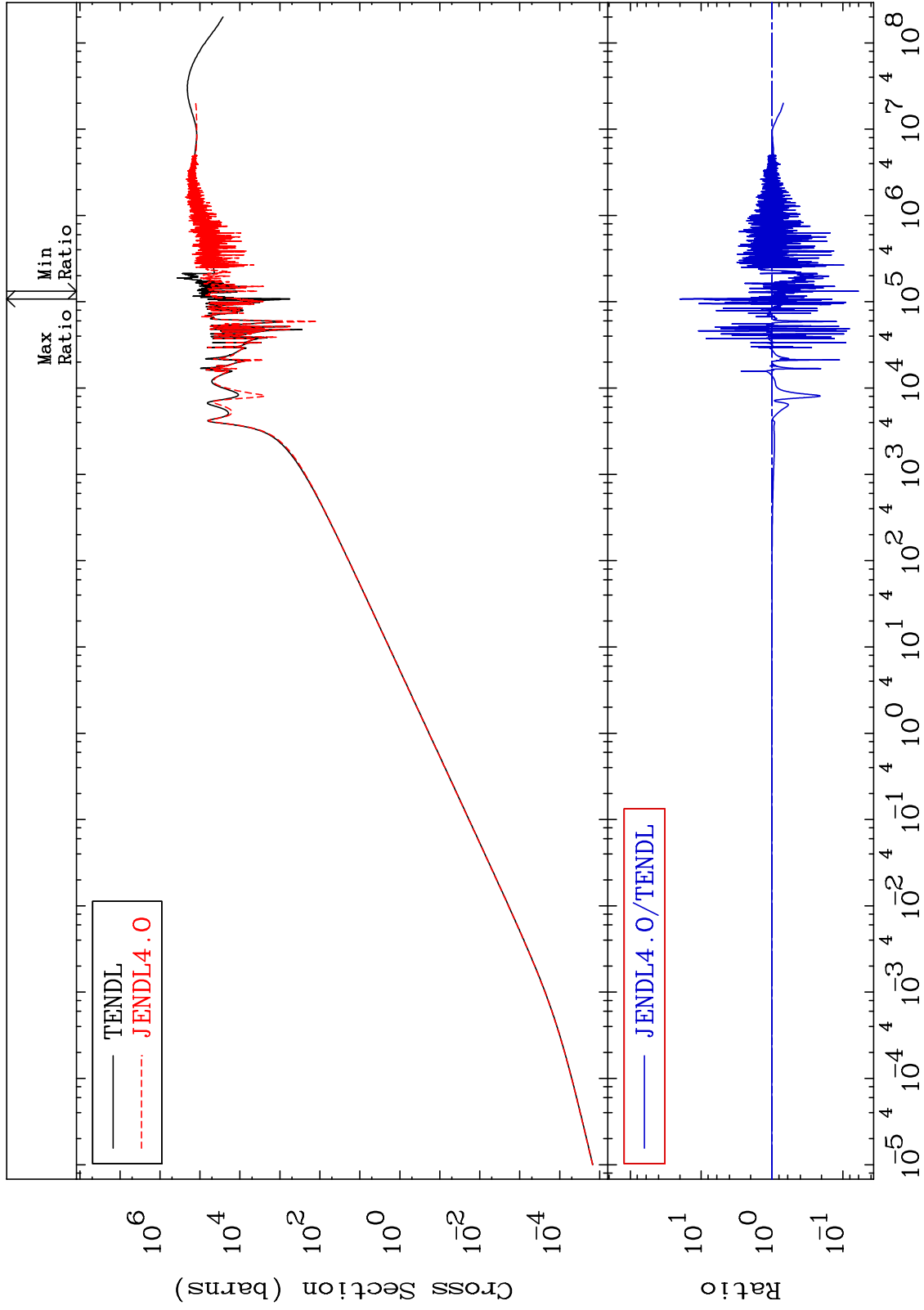
Incident Energy (eV)

23-V -51

MAT 2328

Kerma elastic
Cross Section

23-V -51
-93.96 To 1890. %



53

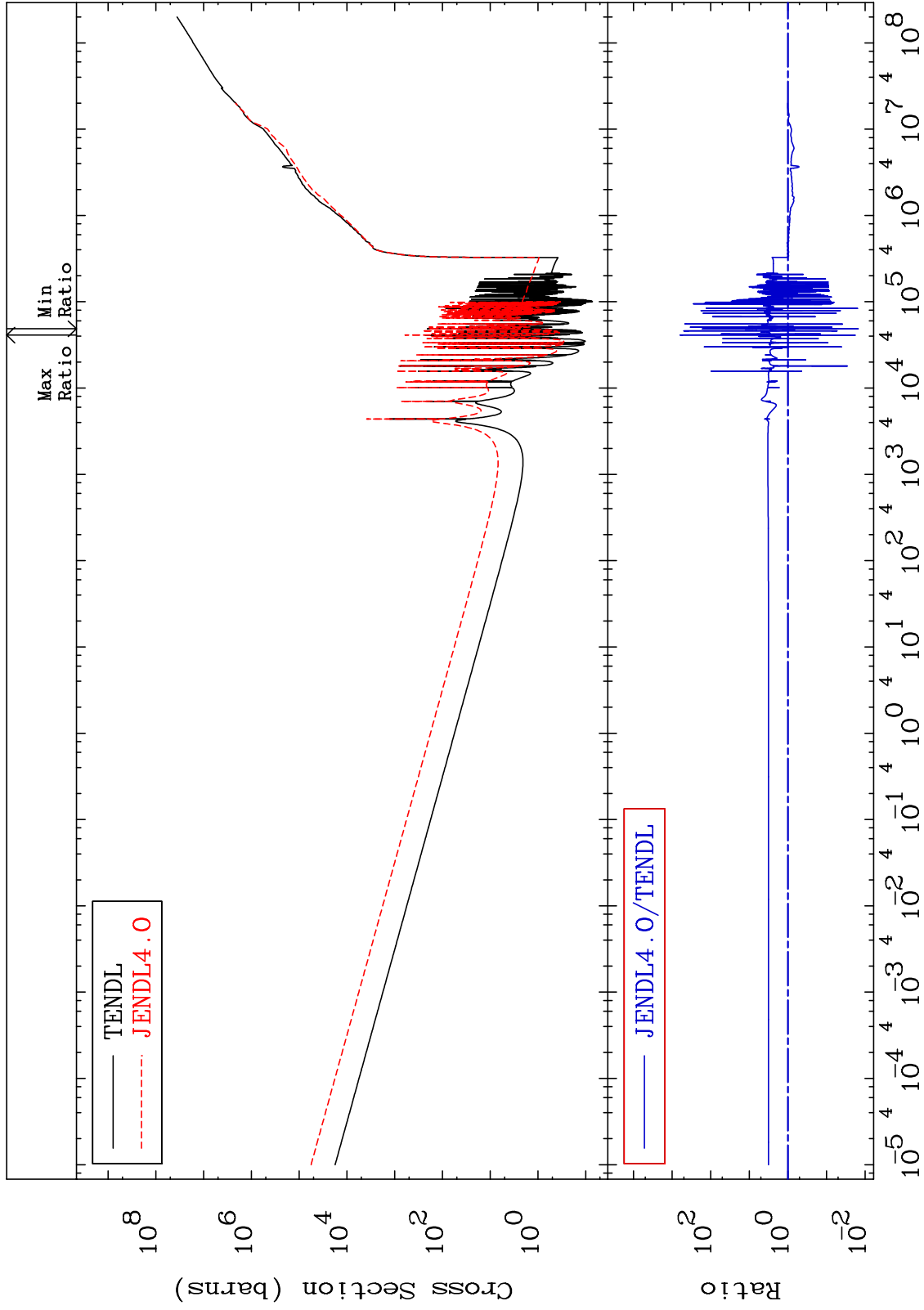
Incident Energy (eV)

23-V -51

MAT 2328

Kerma non-elastic (all but mt2)
Cross Section

23-V -51
-98.51 To 9999. %



54

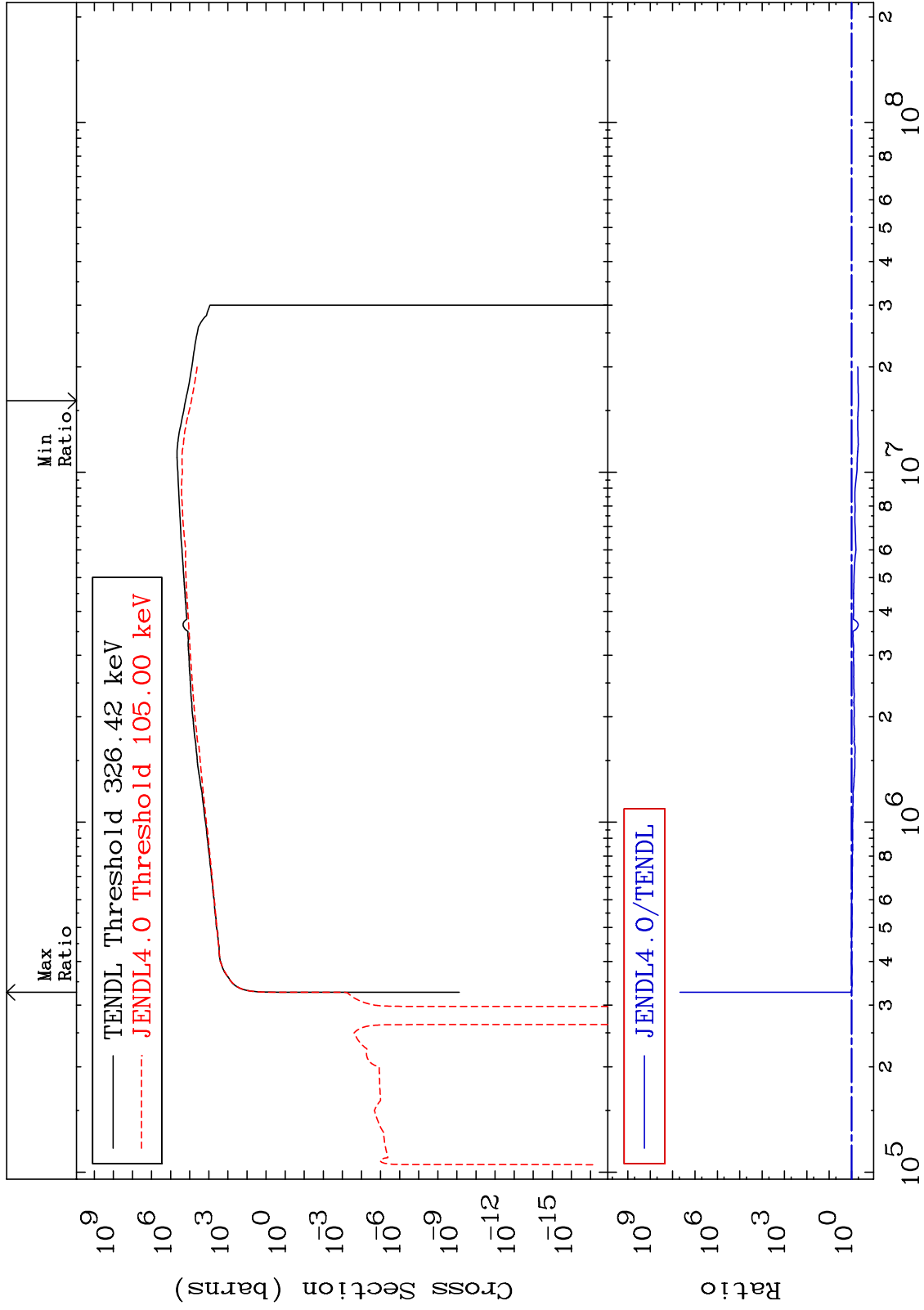
Incident Energy (eV)

23-V -51

MAT 2328

Kerma inelastic (mt51-91)
Cross Section

23-V -51
-50.46 To 9999. %



55

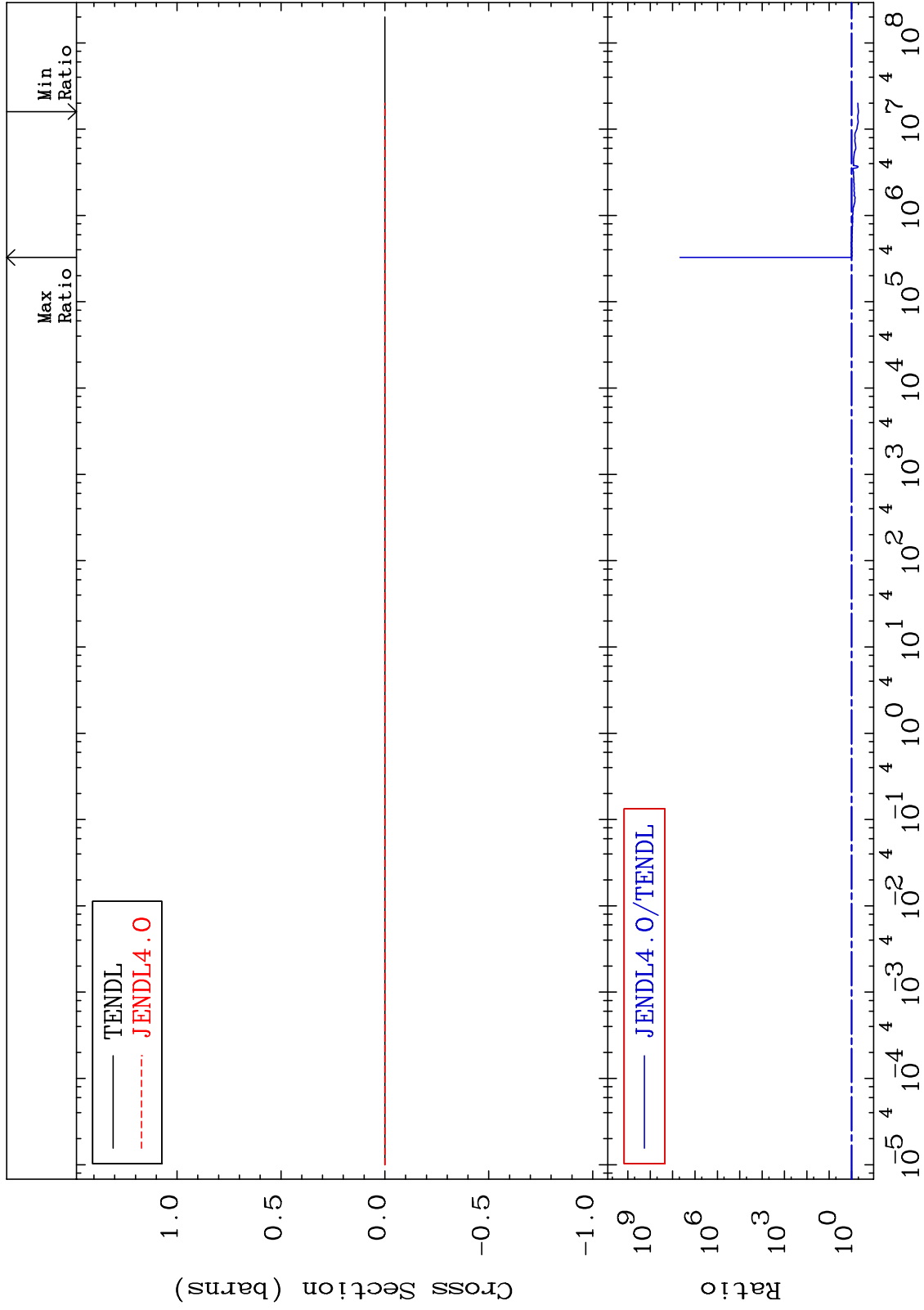
Incident Energy (eV)

23-V -51

MAT 2328

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

23-V -51
-50.46 To 9999. %



56

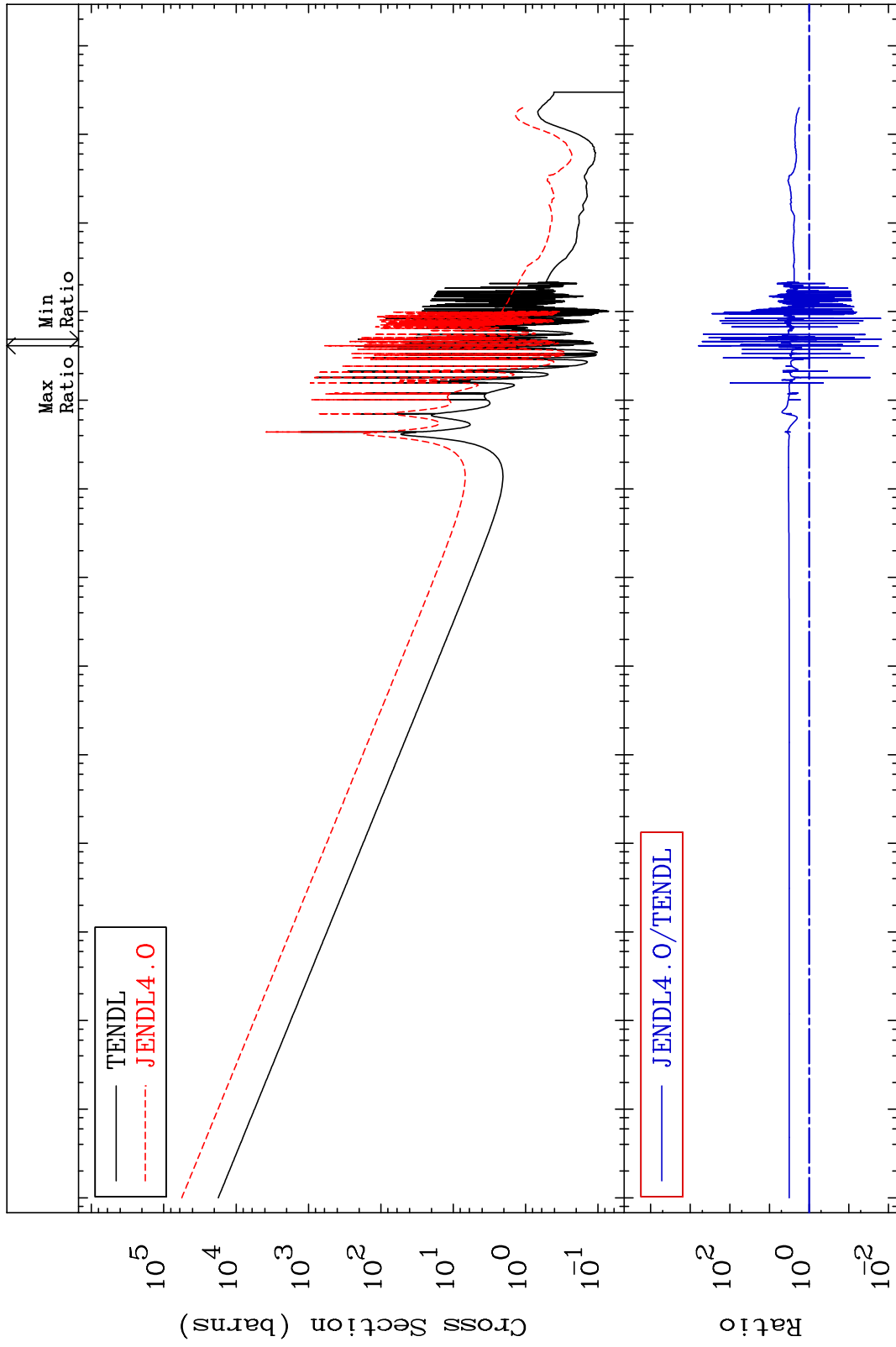
Incident Energy (eV)

23-V -51

MAT 2328

Kerma capture (mt102)
Cross Section

23-V -51
-98.51 To 9999. %



57

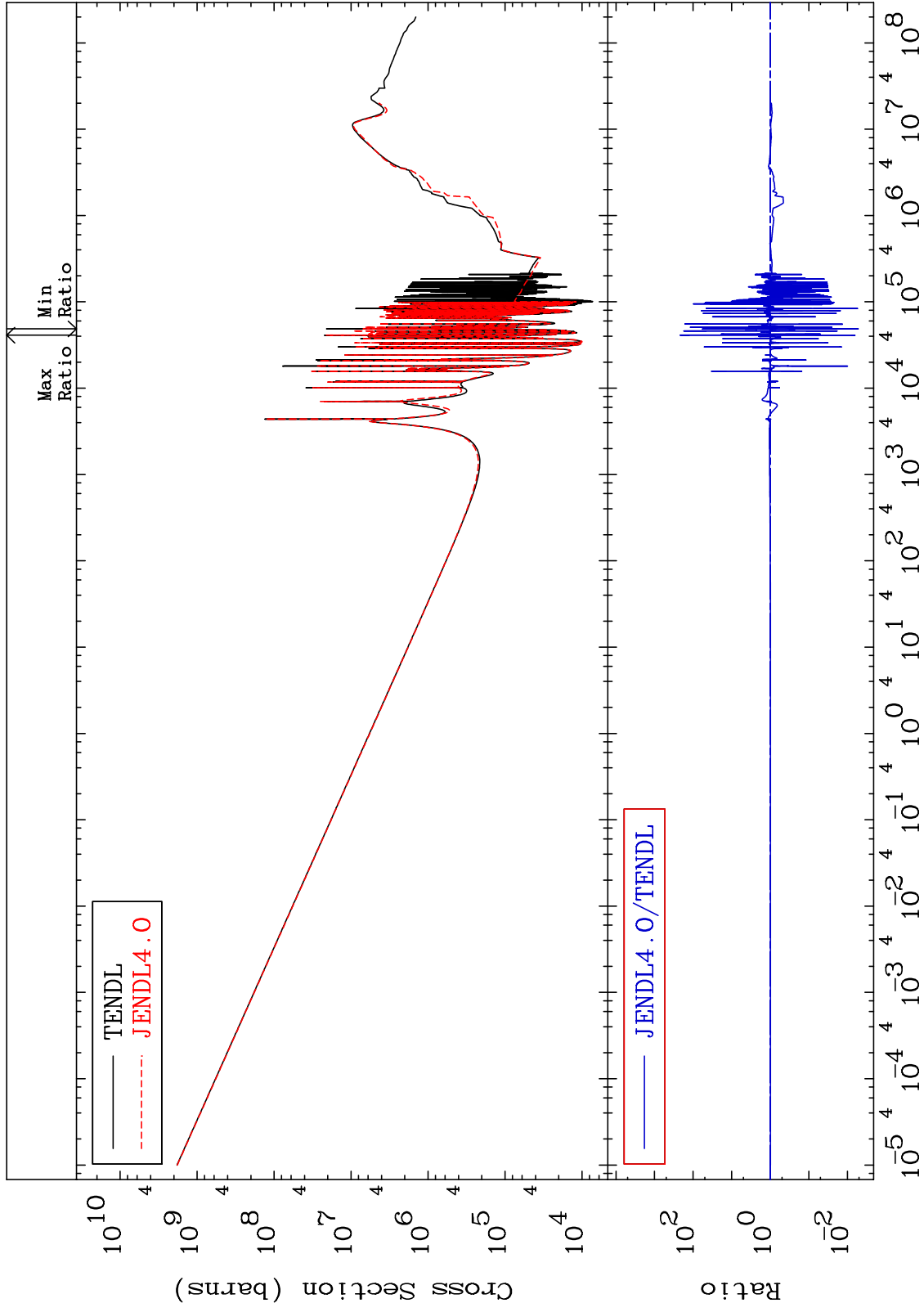
Incident Energy (eV)

23-V -51

MAT 2328

Total photon (eV-barns)
Cross Section

23-V -51
-99.48 To 9999. %



58

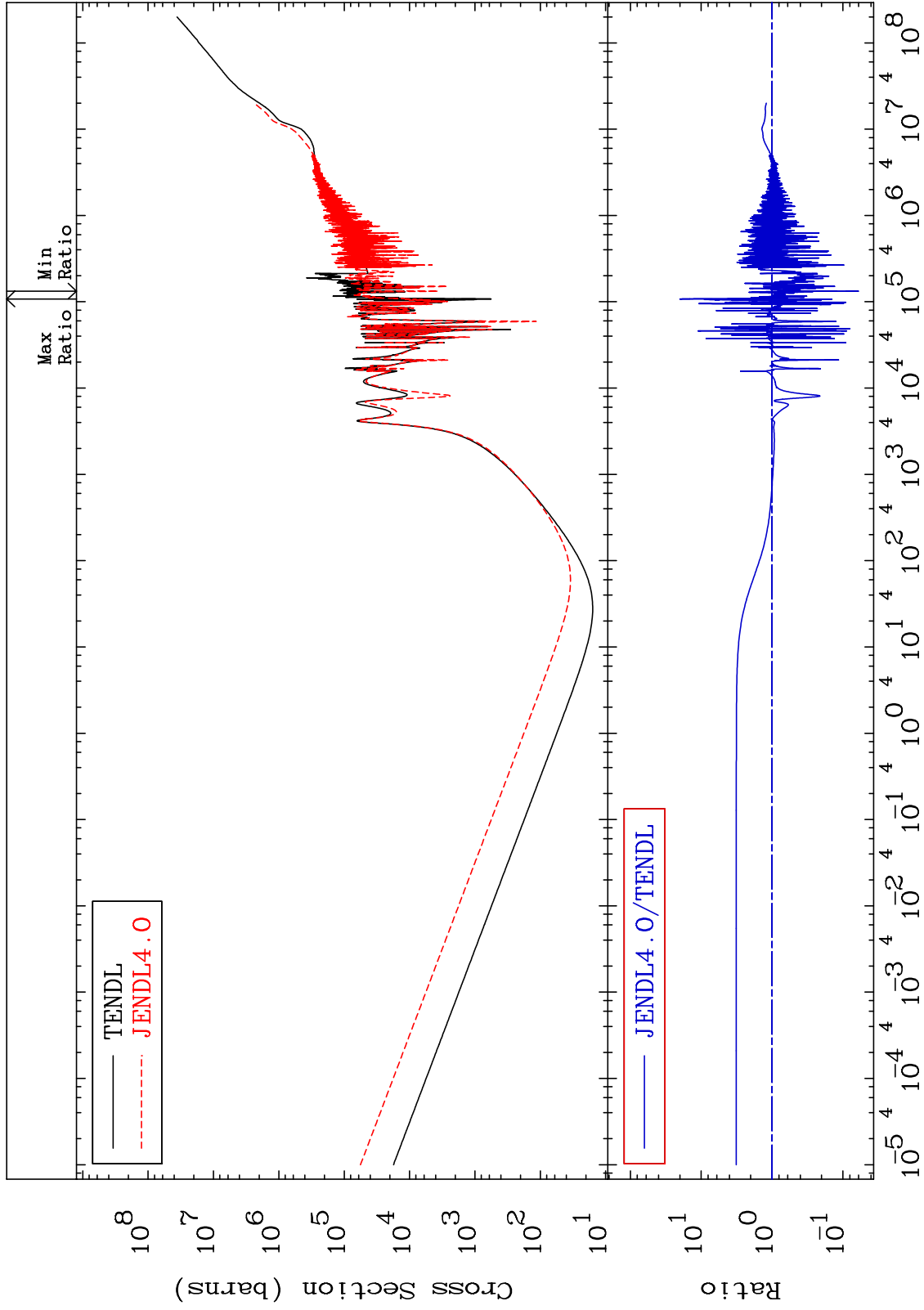
Incident Energy (eV)

23-V -51

MAT 2328

Total kinematic kerma (high limit)
Cross Section

23-V -51
-93.96 To 1890. %



59

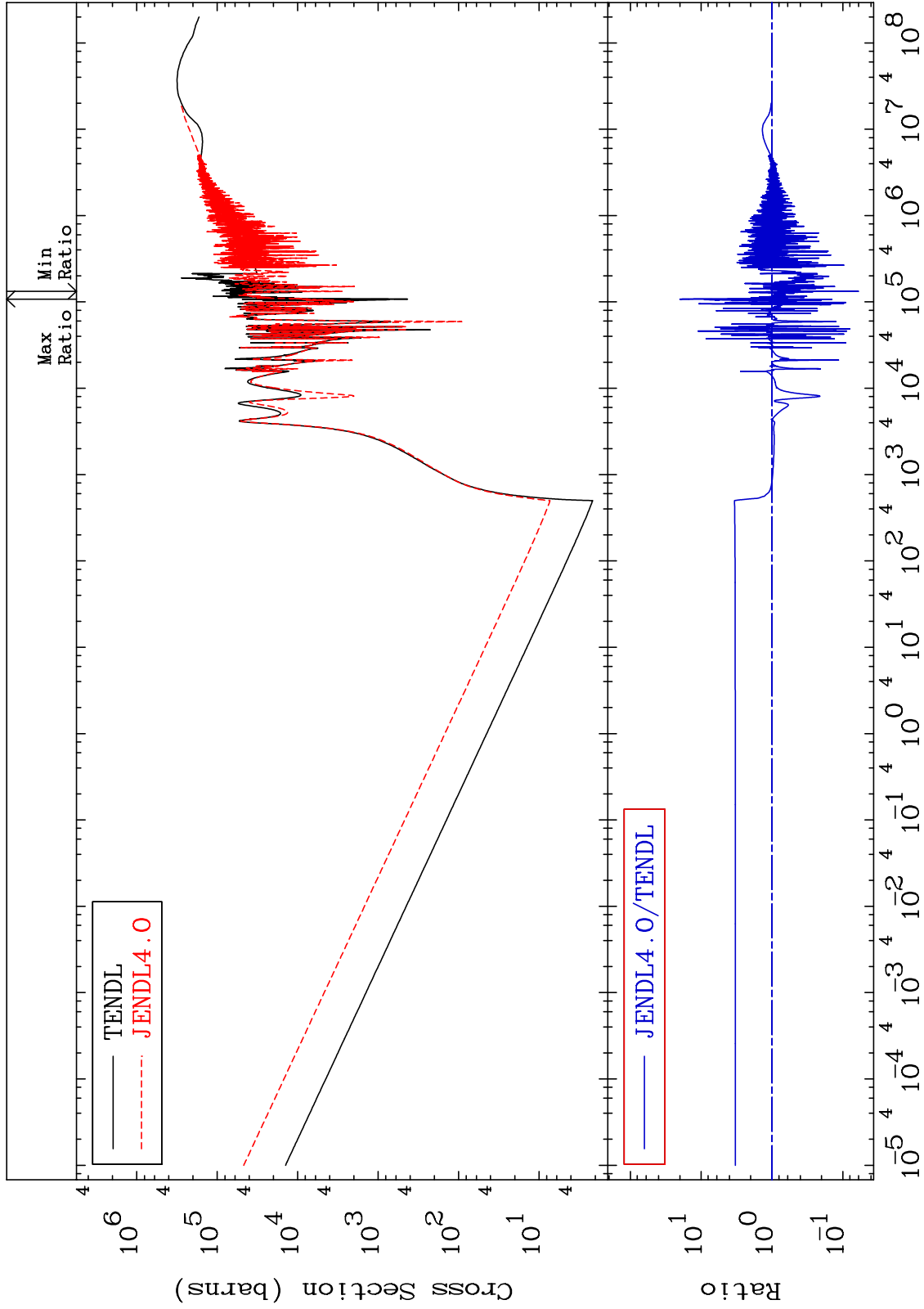
Incident Energy (eV)

23-V -51

MAT 2328

Dpa total (eV-barns)
Cross Section

23-V -51
-93.96 To 1890. %



60

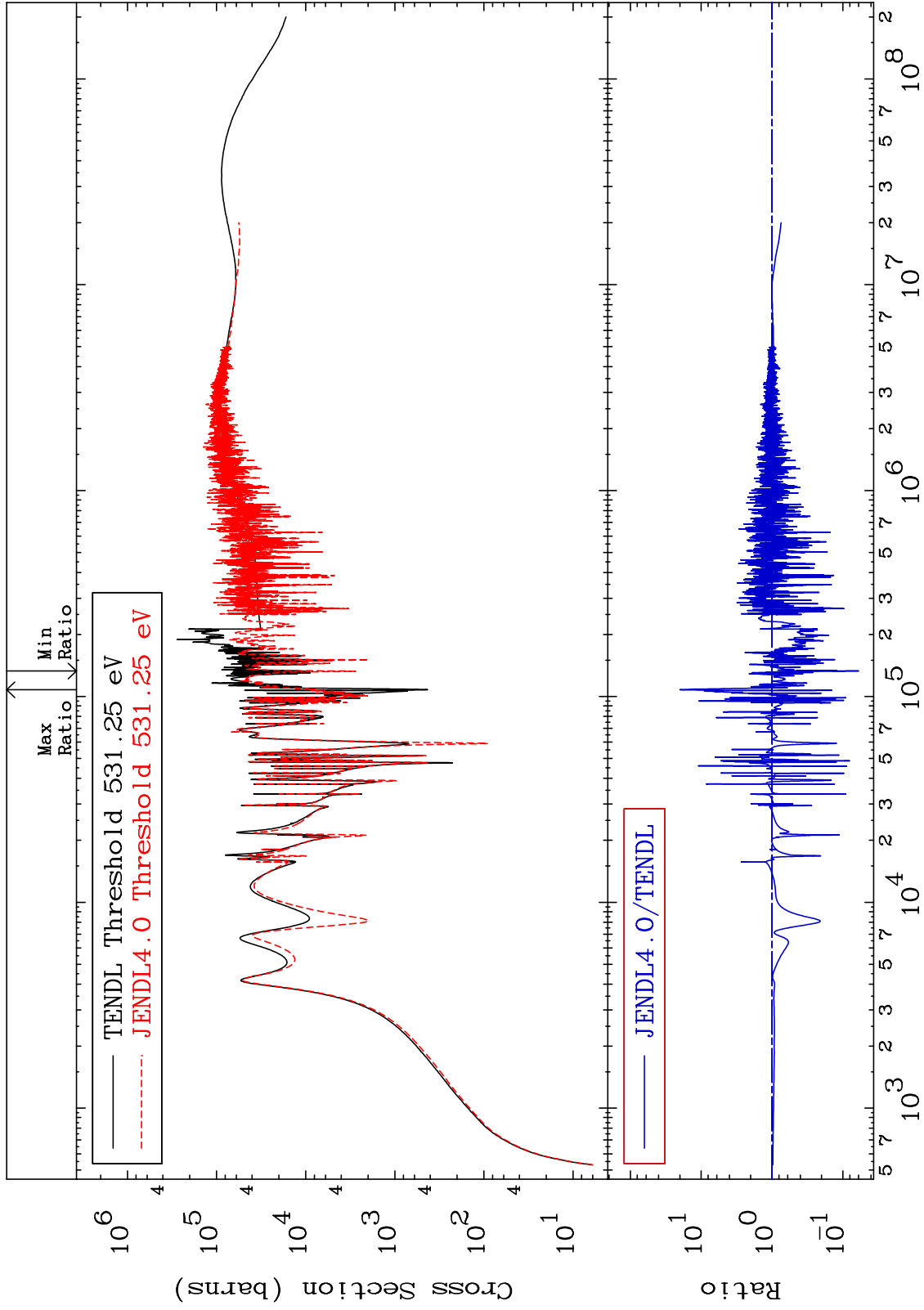
Incident Energy (eV)

23-V -51

MAT 2328

Dpa elastic (mt2)
Cross Section

23-V -51
-93.96 To 1891. %



61

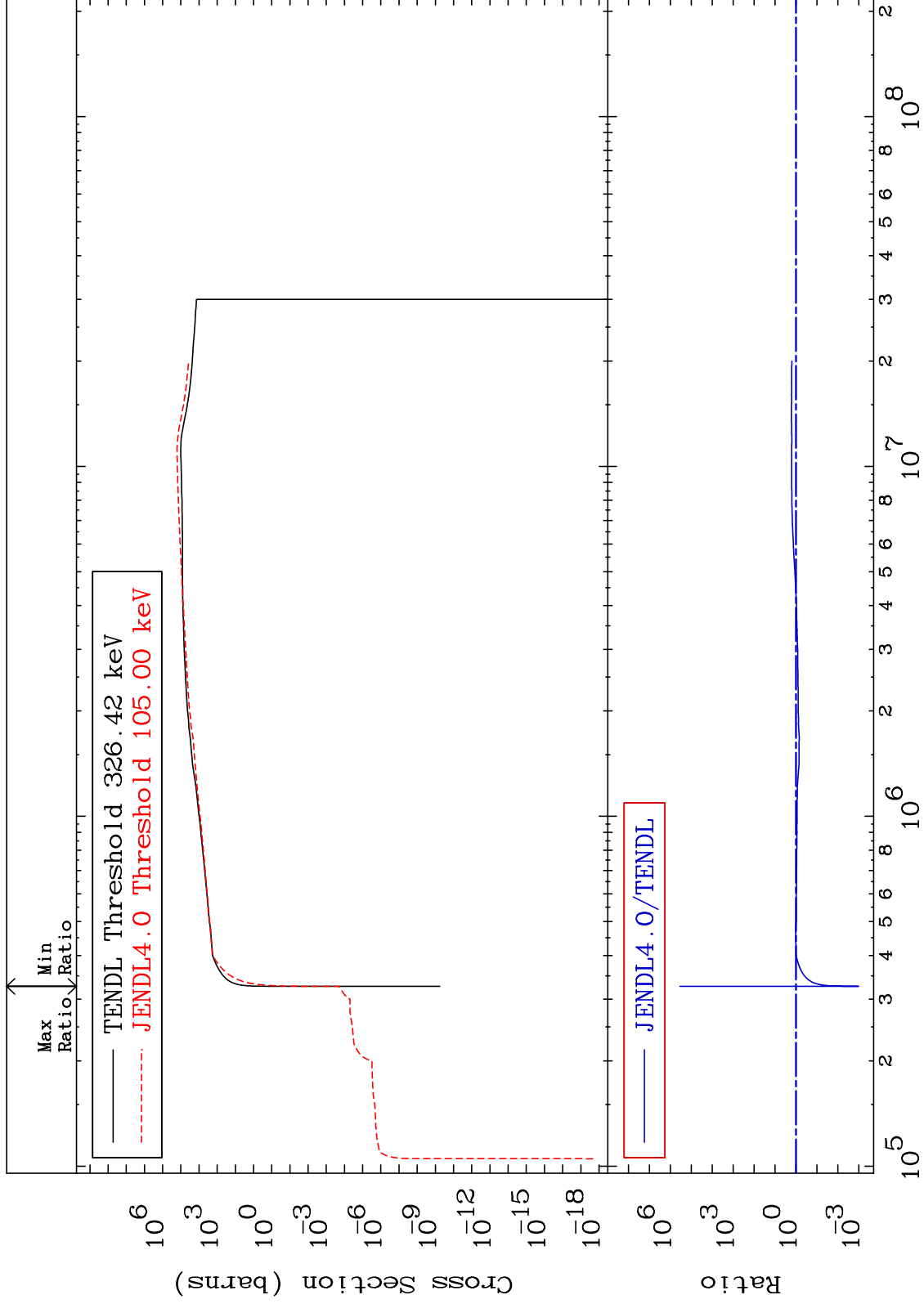
Incident Energy (eV)

23-V -51

MAT 2328

Dpa inelastic (mt51-91)
Cross Section

23-V -51
-99.90 To 9999. %



62

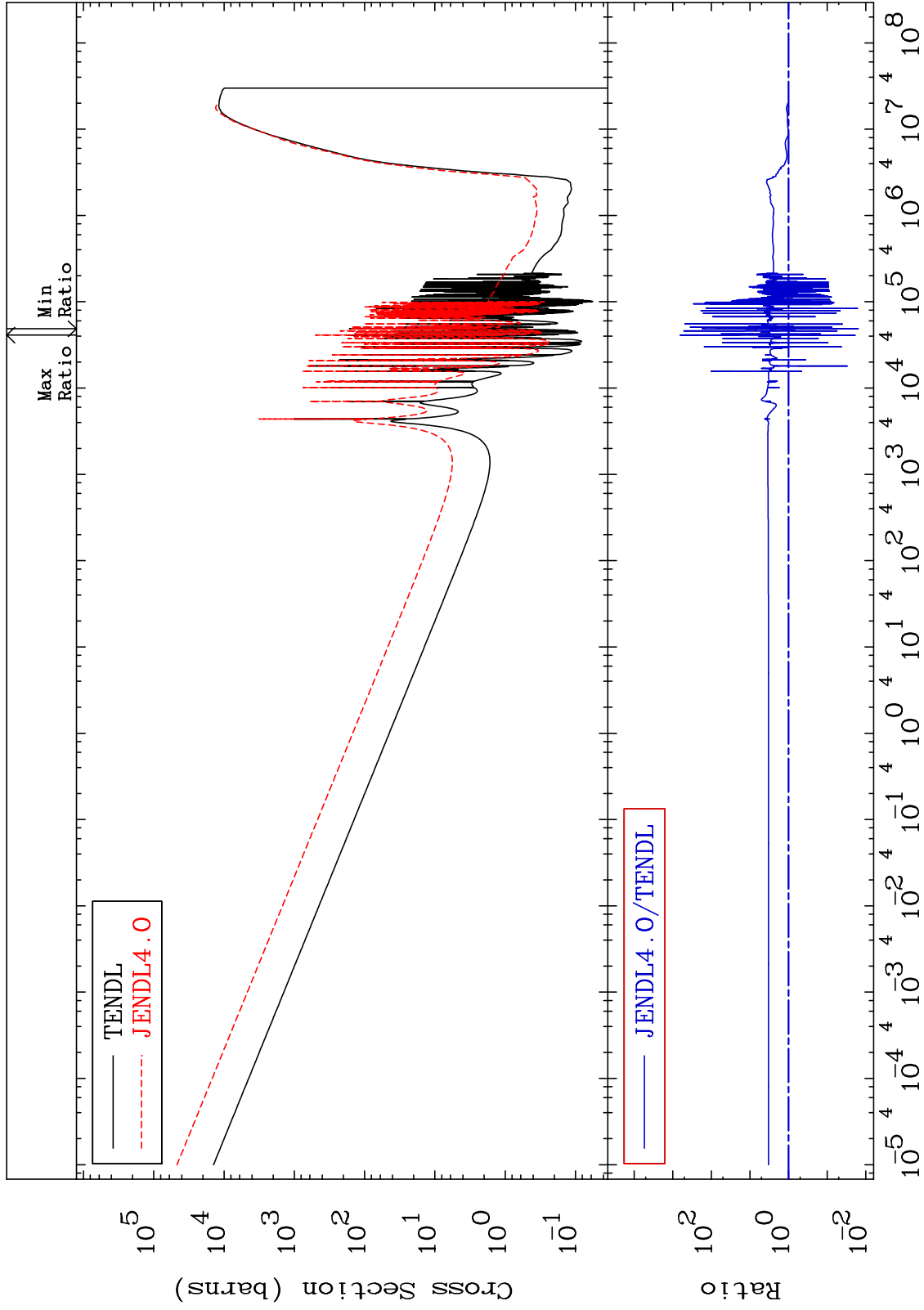
Incident Energy (eV)

23-V -51

MAT 2328

Dpa disappearance (mt102 -120)
Cross Section

23-V -51
-98.46 To 9999. %



63

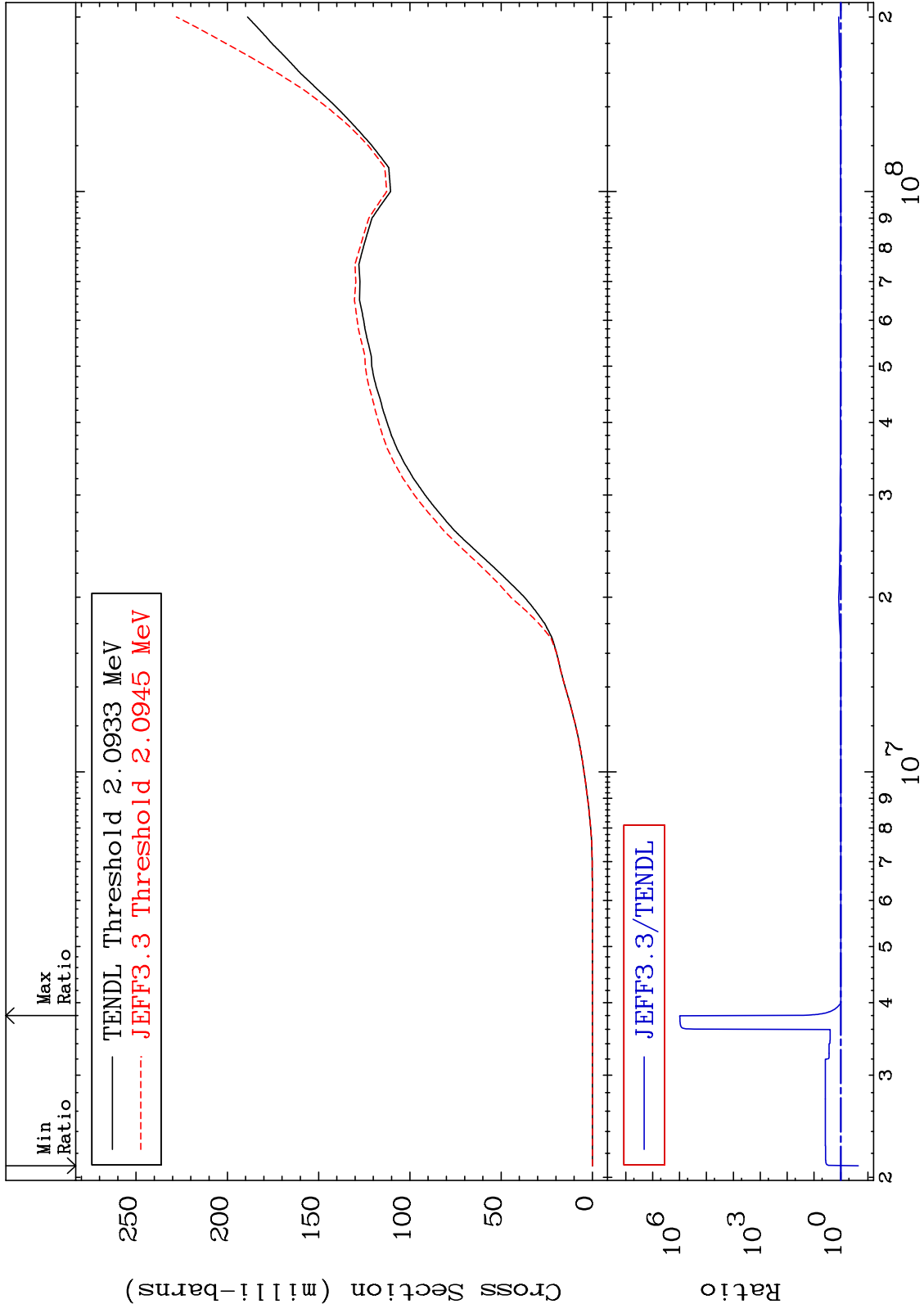
Incident Energy (eV)

23-V -51

MAT 2328

He-4 Production
Cross Section

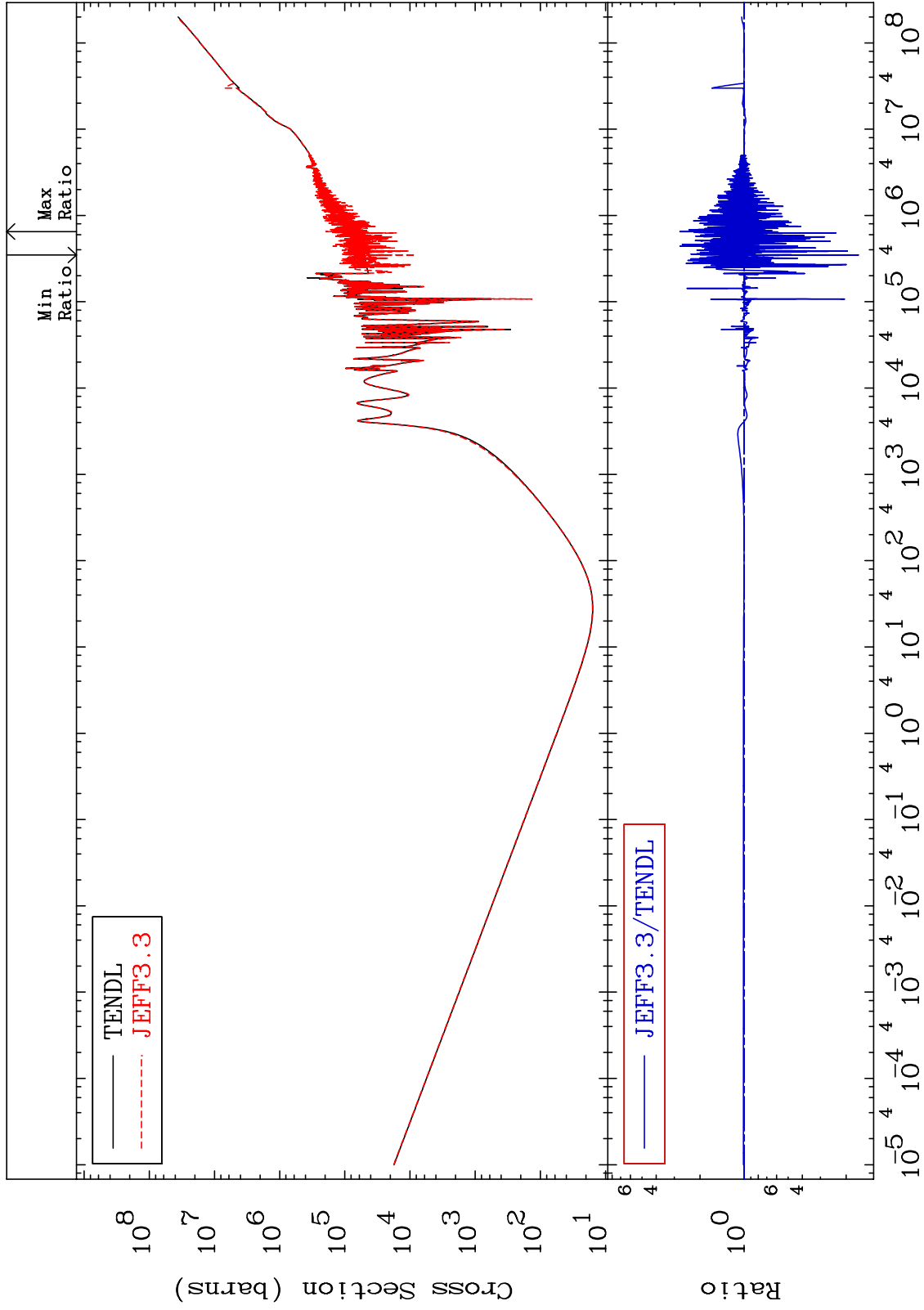
23-V -51
-77.52 To 9999. %



MAT 2328

Kerma total (eV-barns)
Cross Section

23-V -51
-83.49 To 174.3 %



65

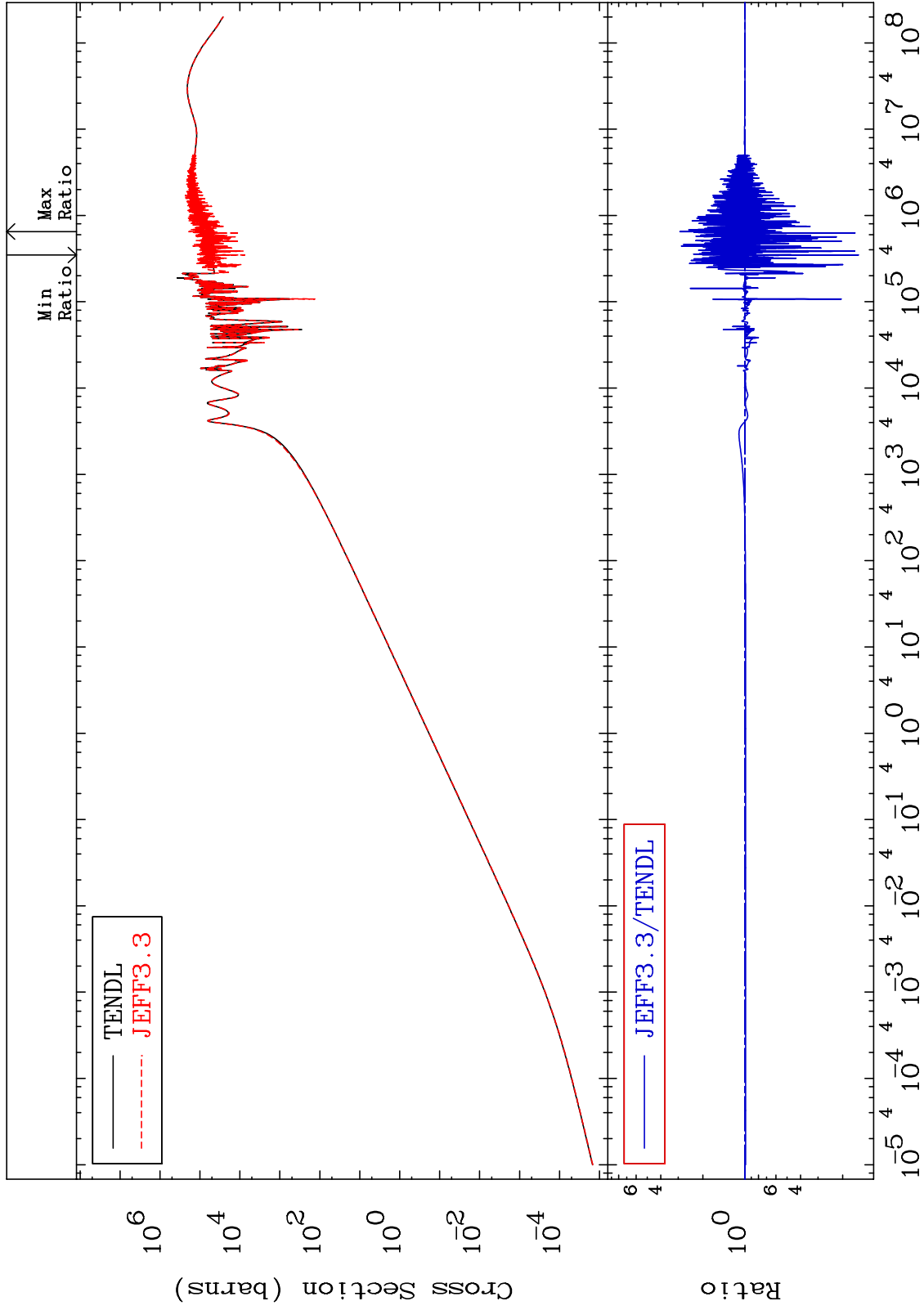
Incident Energy (eV)

23-V -51

MAT 2328

Kerma elastic
Cross Section

23-V -51
-84.55 To 191.1 %



66

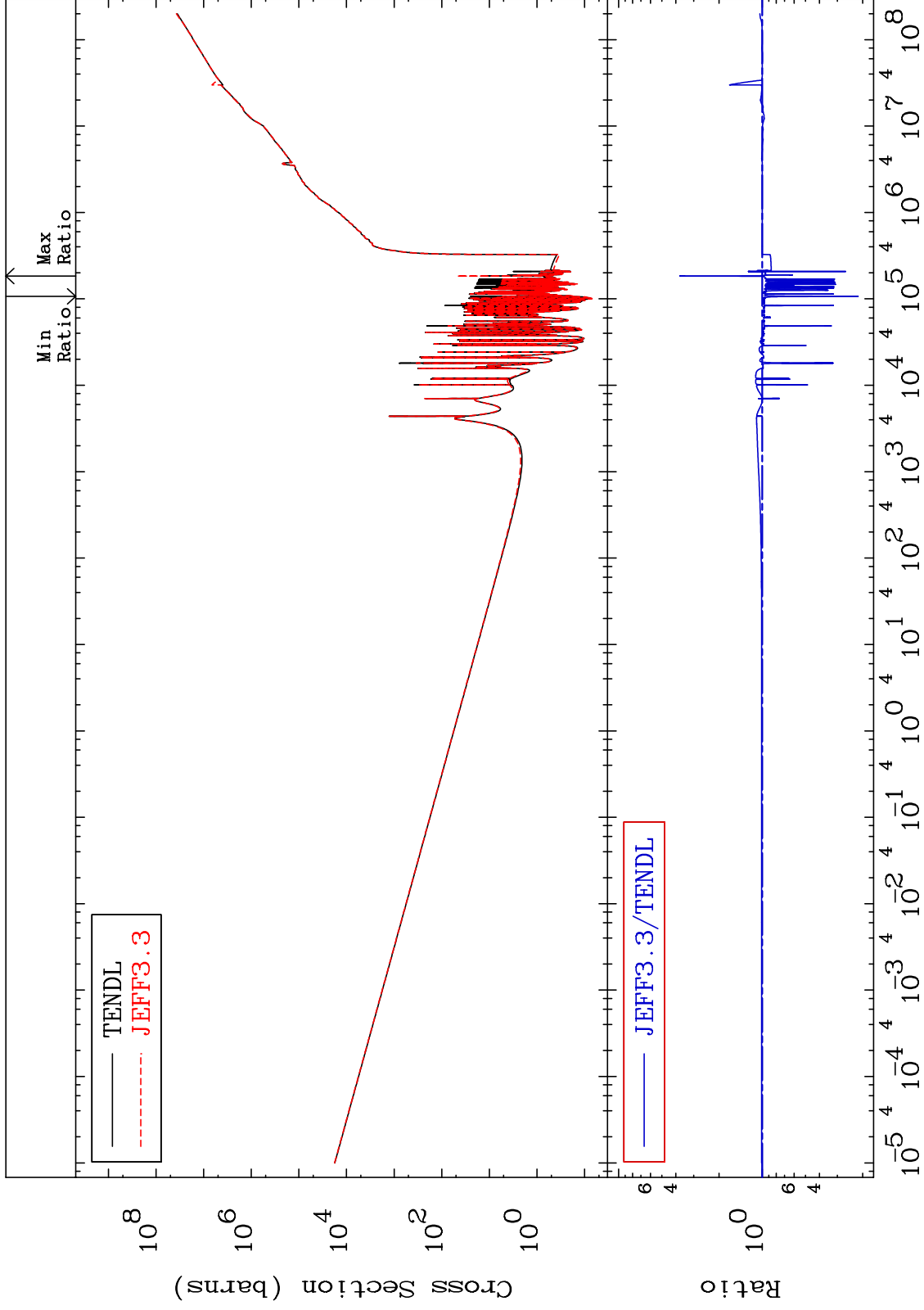
Incident Energy (eV)

23-V -51

MAT 2328

Kerma non-elastic (all but mt2)
Cross Section

23-V -51
-78.58 To 275.1 %



67

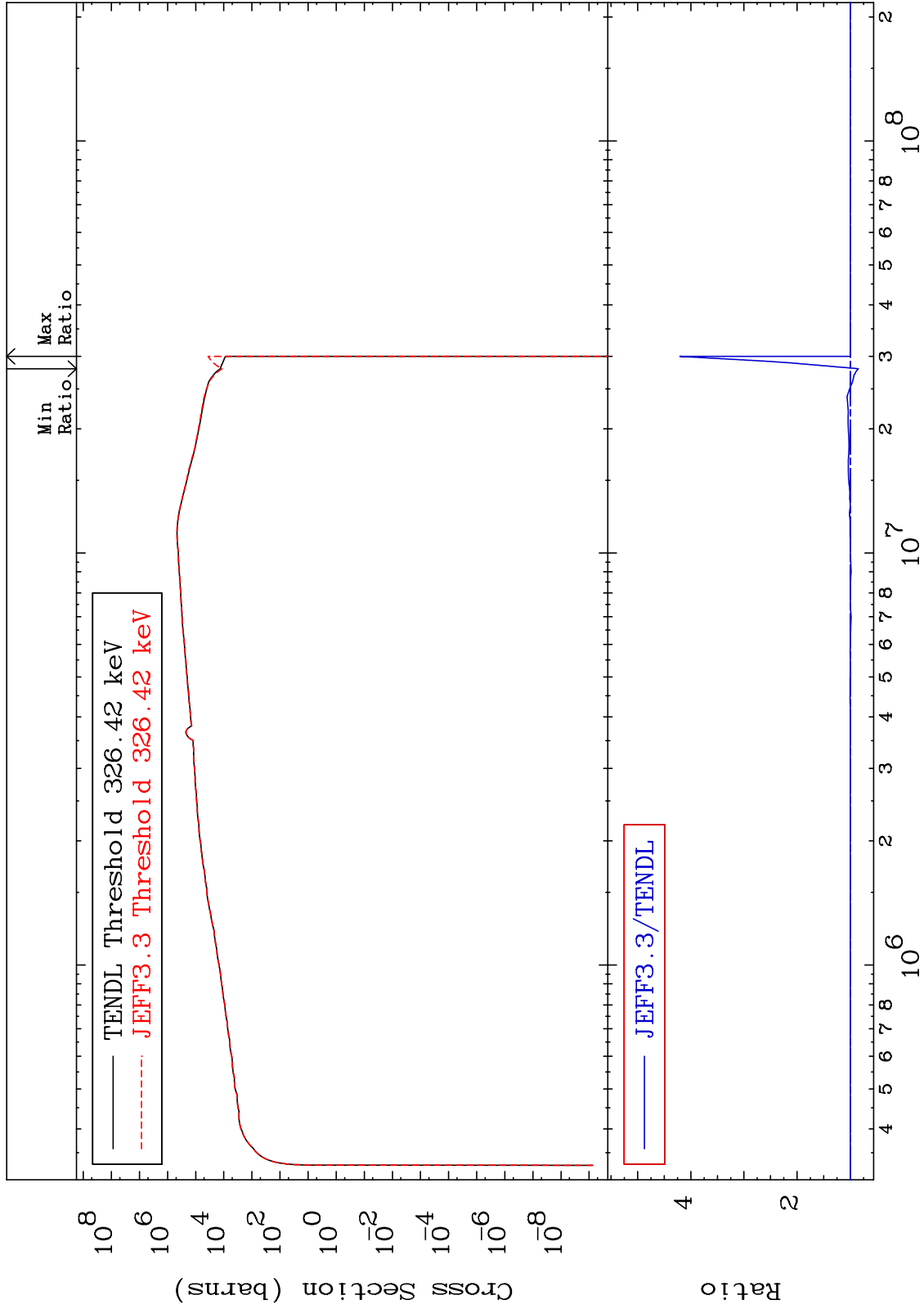
Incident Energy (eV)

23-V -51

MAT 2328

Kerma inelastic (mt51-91)
Cross Section

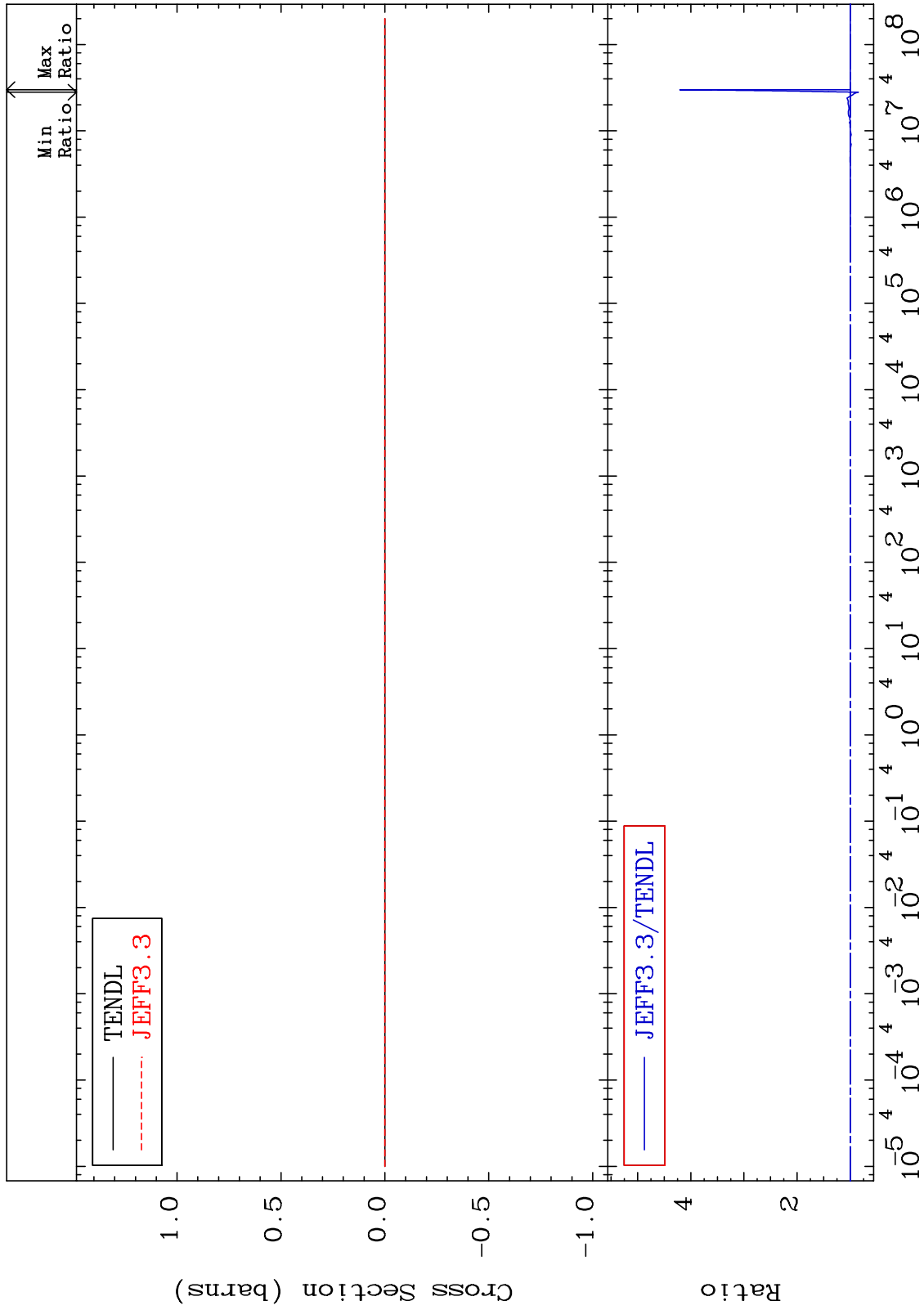
23-V -51
-15.26 To 320.3 %



68

Incident Energy (eV)

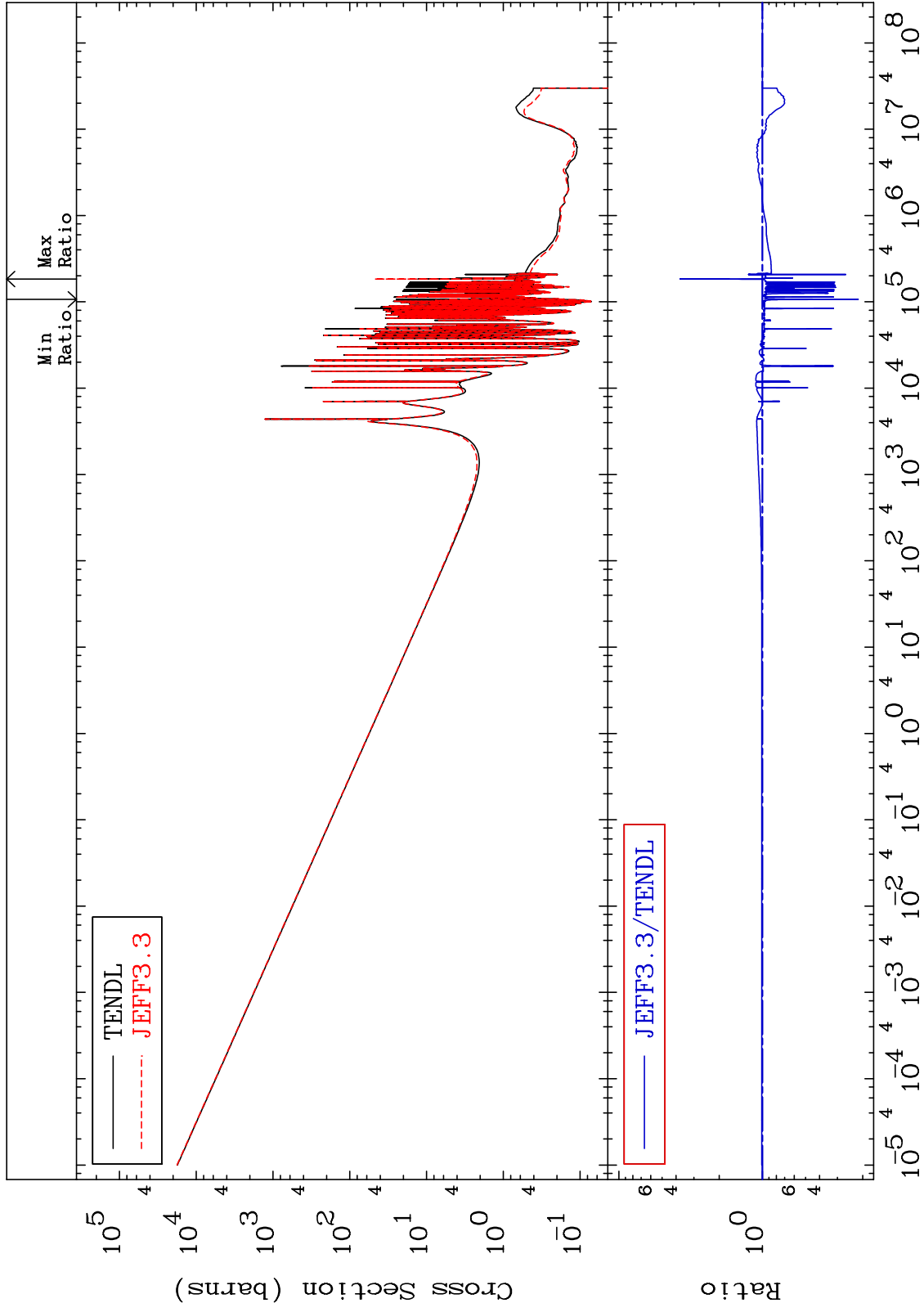
23-V -51



MAT 2328

Kerma capture (mt102)
Cross Section

23-V -51
-78.58 To 275.1 %



70

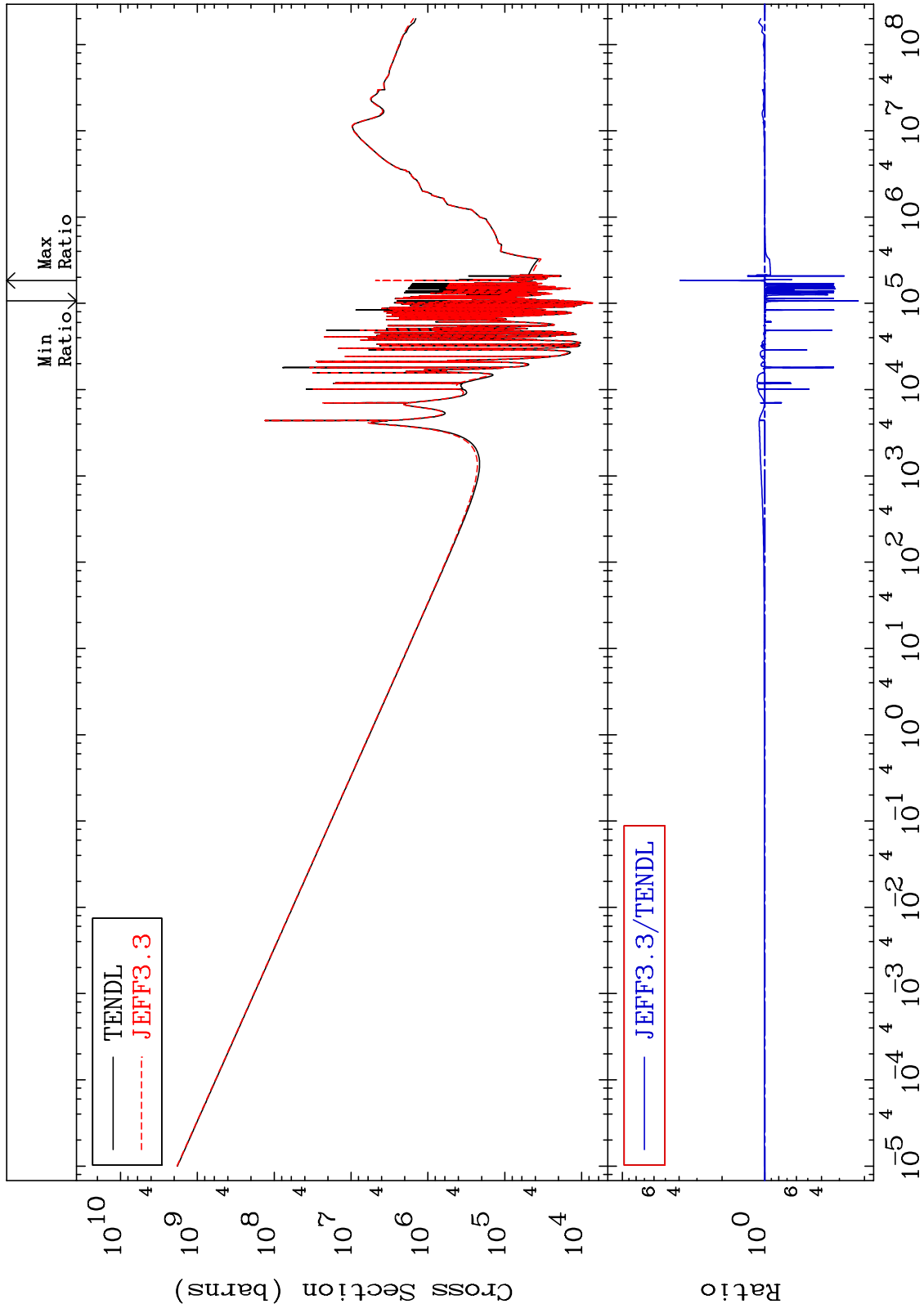
Incident Energy (eV)

23-V -51

MAT 2328

Total photon (eV-barns)
Cross Section

23-V -51
-77.94 To 294.0 %



71

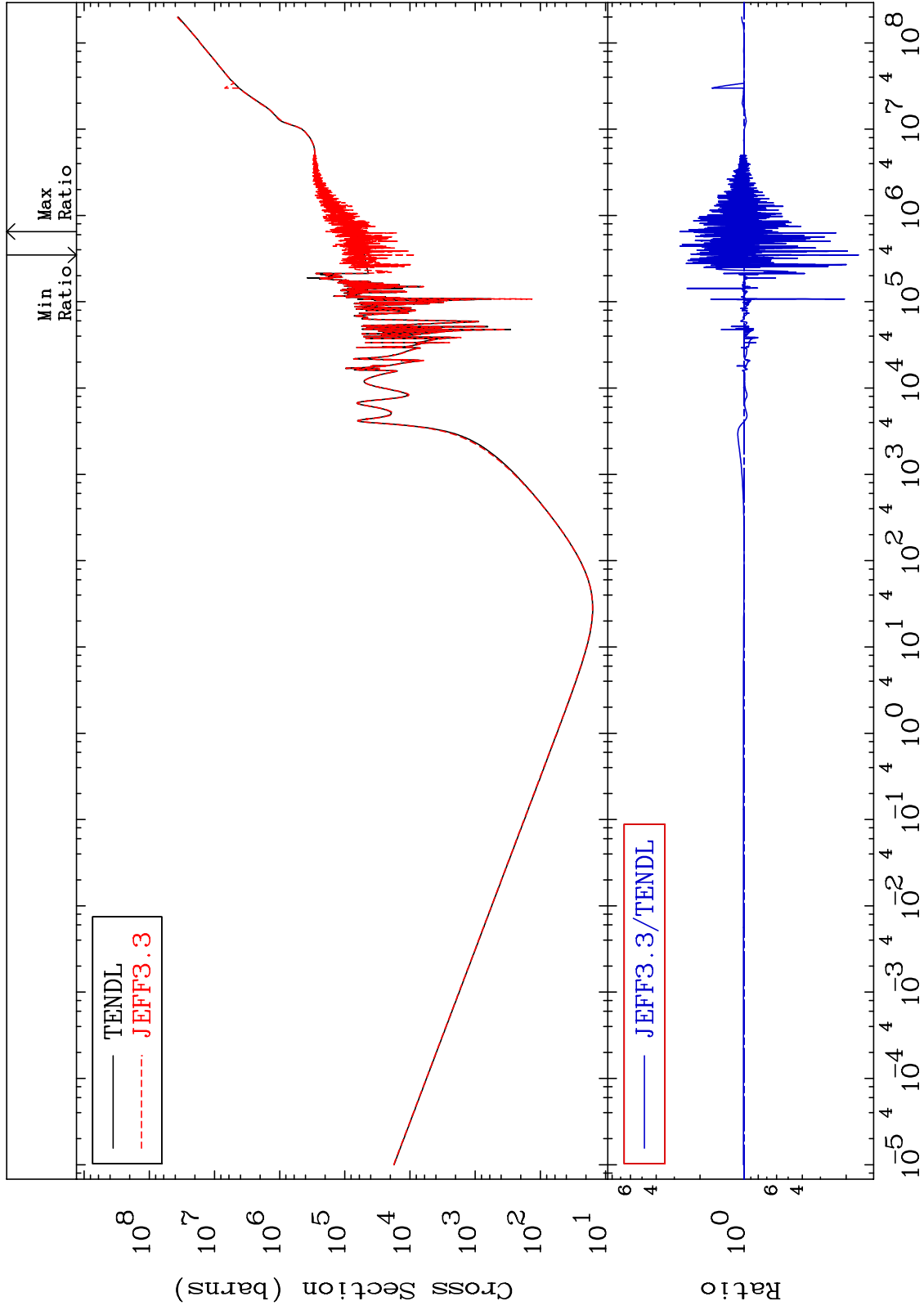
Incident Energy (eV)

23-V -51

MAT 2328

Total kinematic kerma (high limit)
Cross Section

23-V -51
-83.49 To 174.3 %



72

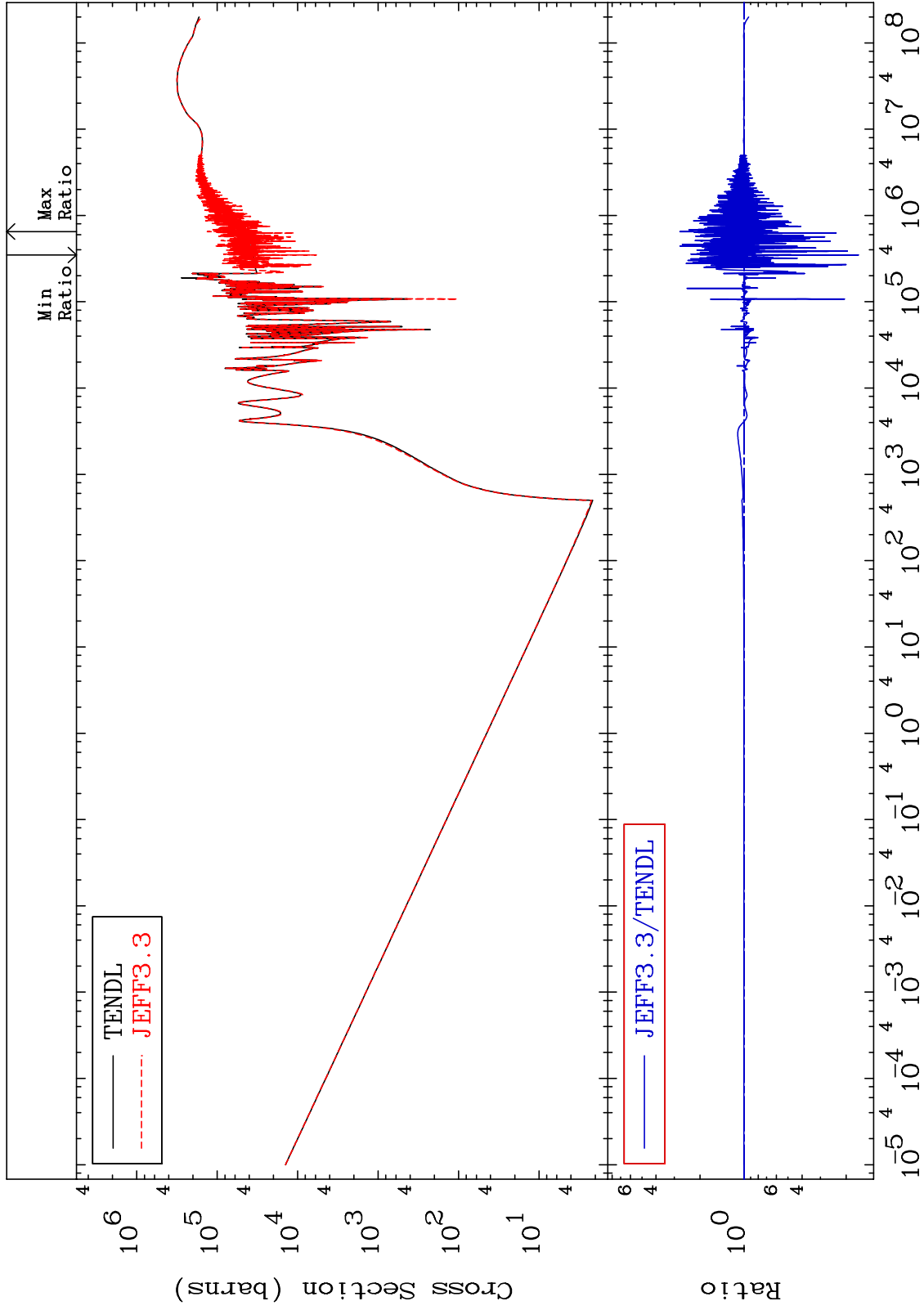
Incident Energy (eV)

23-V -51

MAT 2328

Dpa total (eV-barns)
Cross Section

23-V -51
-83.53 To 174.2 %



73

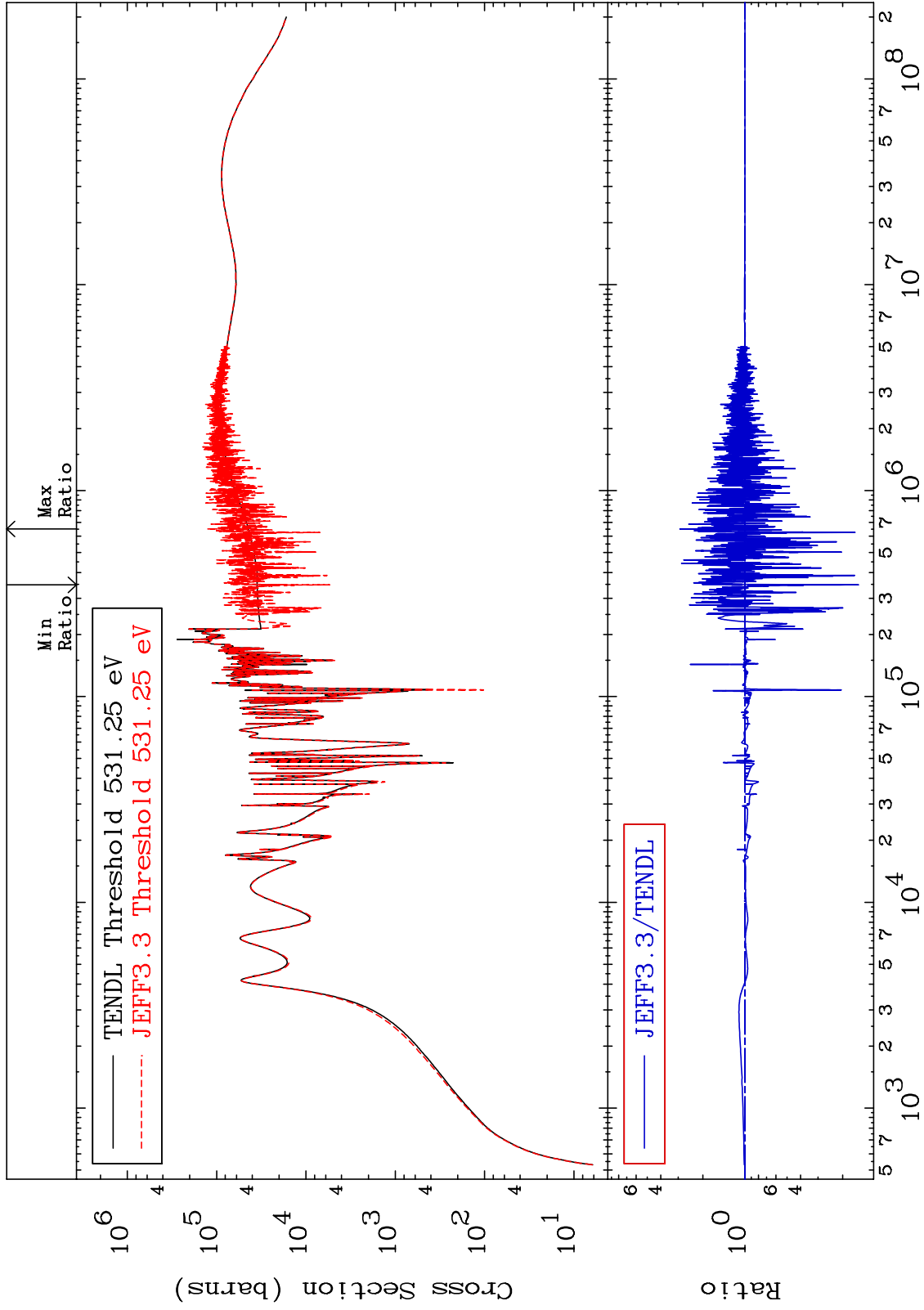
Incident Energy (eV)

23-V -51

MAT 2328

Dpa elastic (mt2)
Cross Section

23-V -51
-84.55 To 191.1 %



74

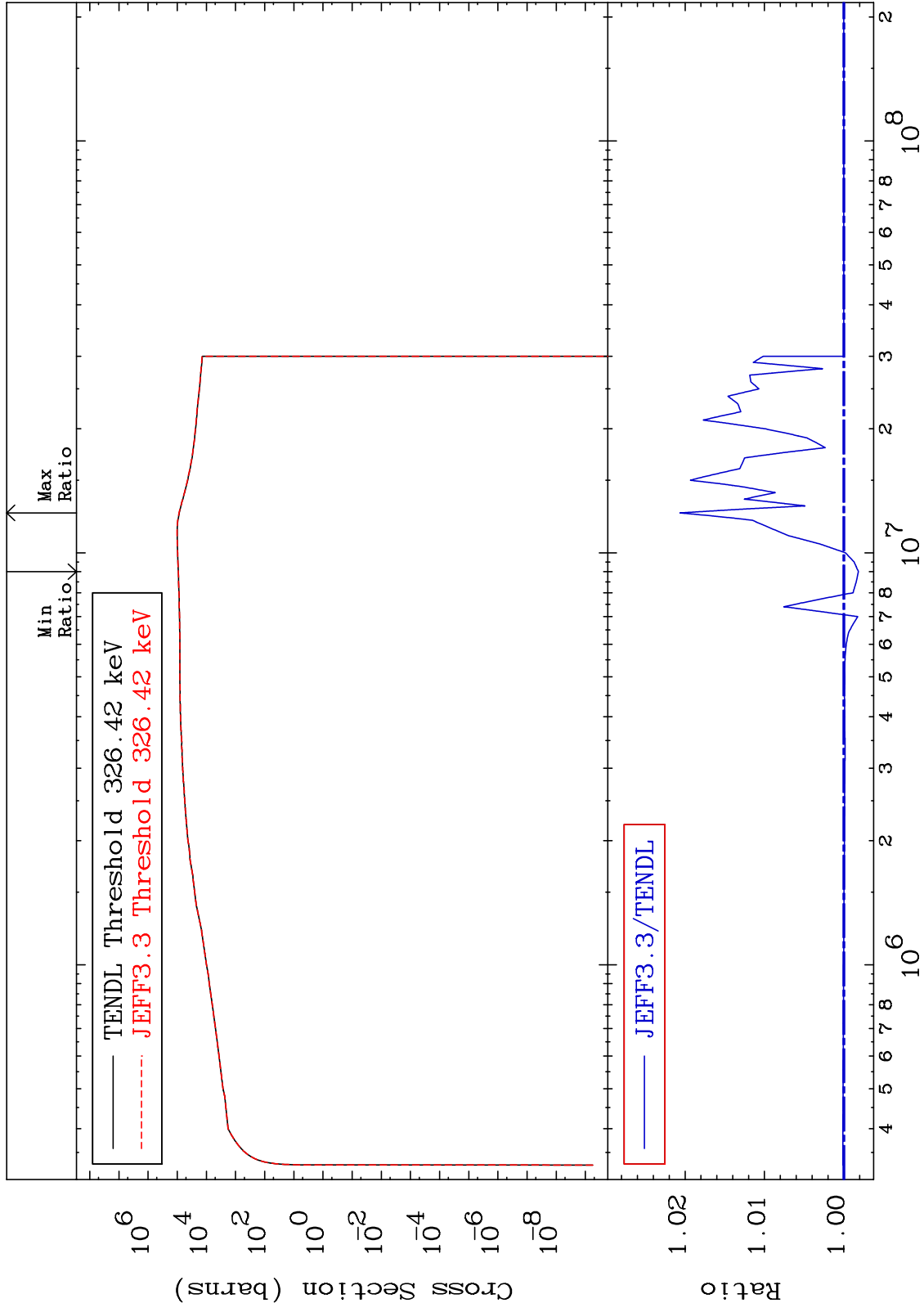
Incident Energy (eV)

23-V -51

MAT 2328

Dpa inelastic (mt51-91)
Cross Section

23-V -51
-0.184 To 2.064 %



75

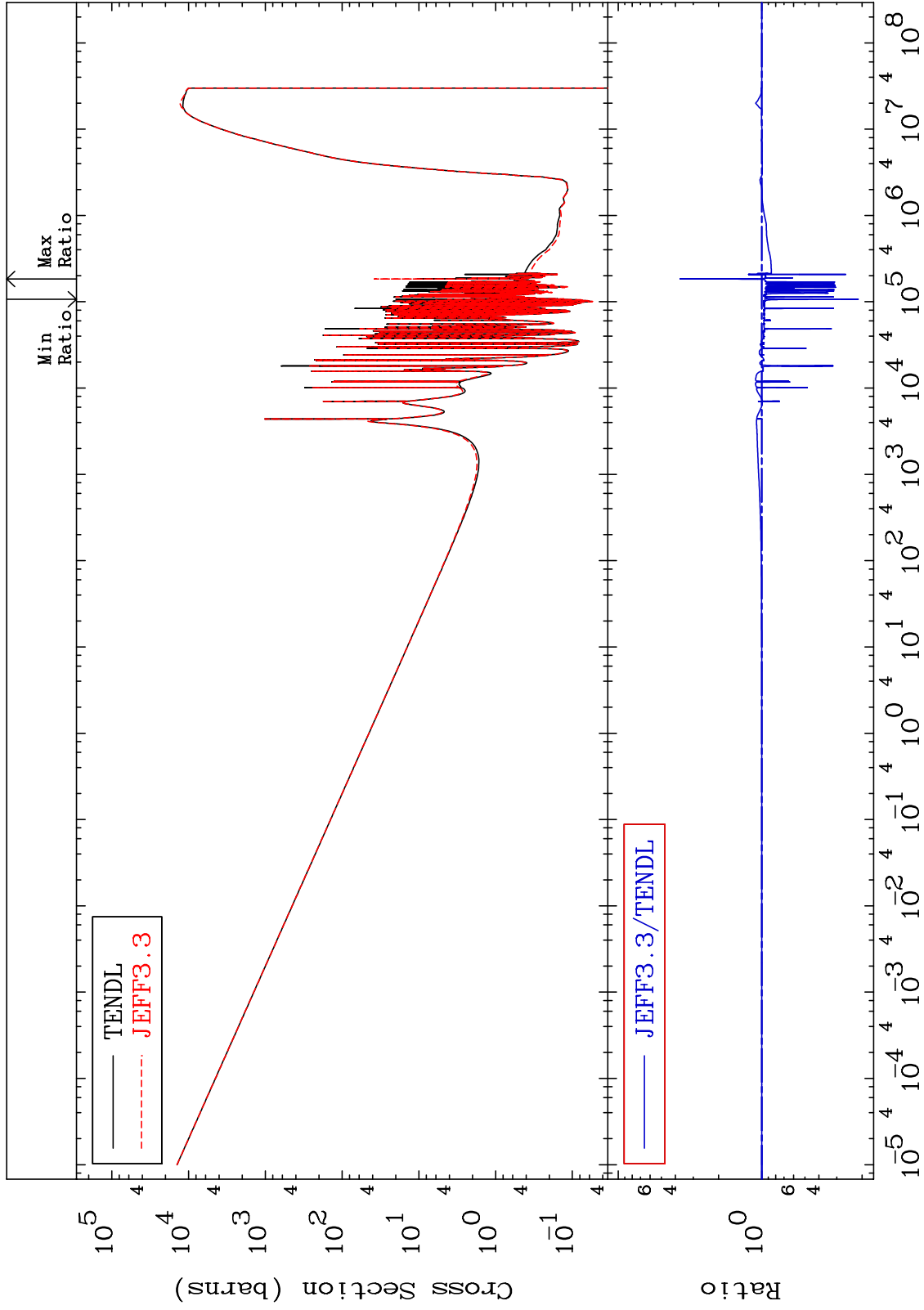
Incident Energy (eV)

23-V -51

MAT 2328

Dpa disappearance (mt102 -120)
Cross Section

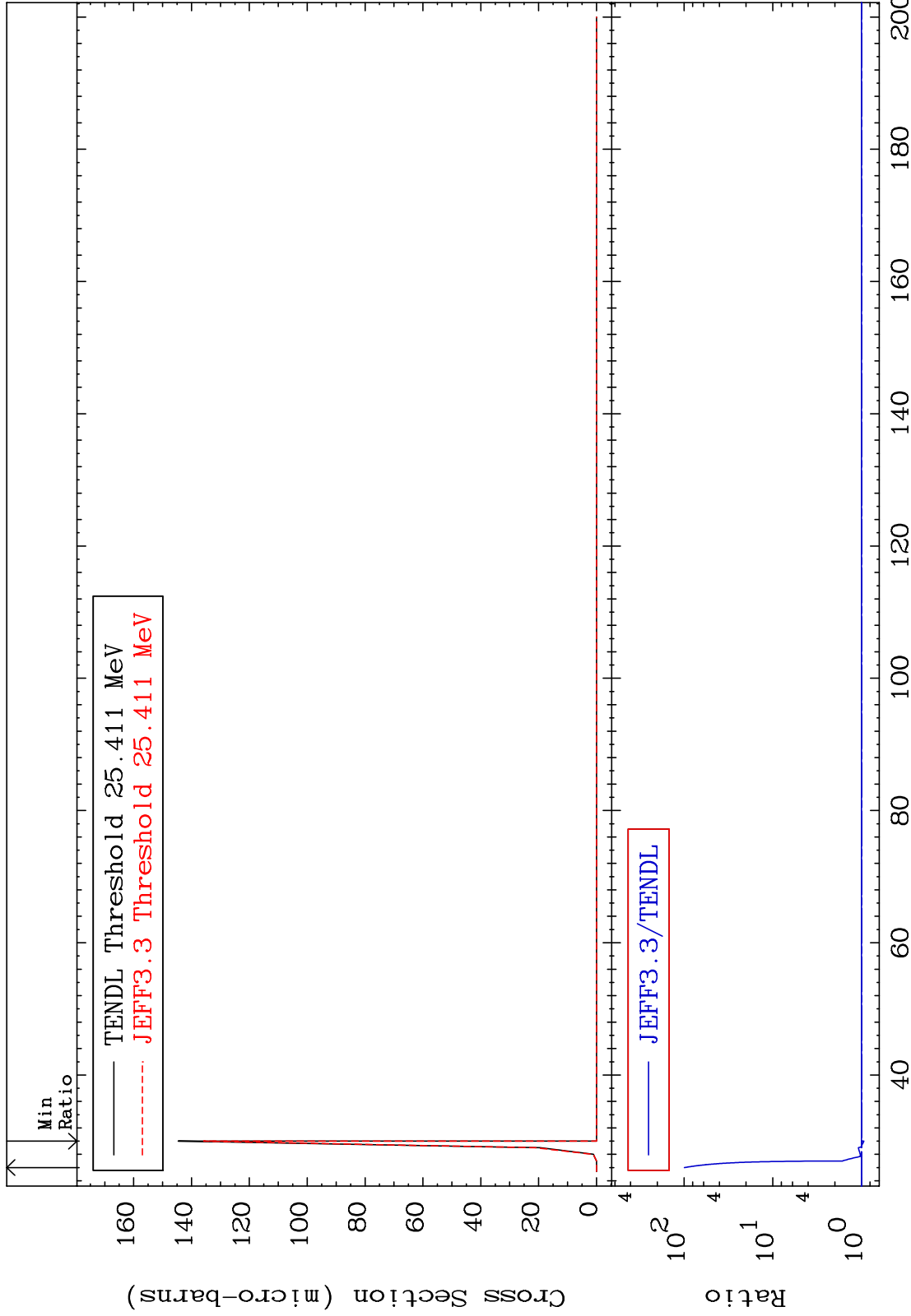
23-V -51
-78.78 To 271.4 %



76

Incident Energy (eV)

23-V -51

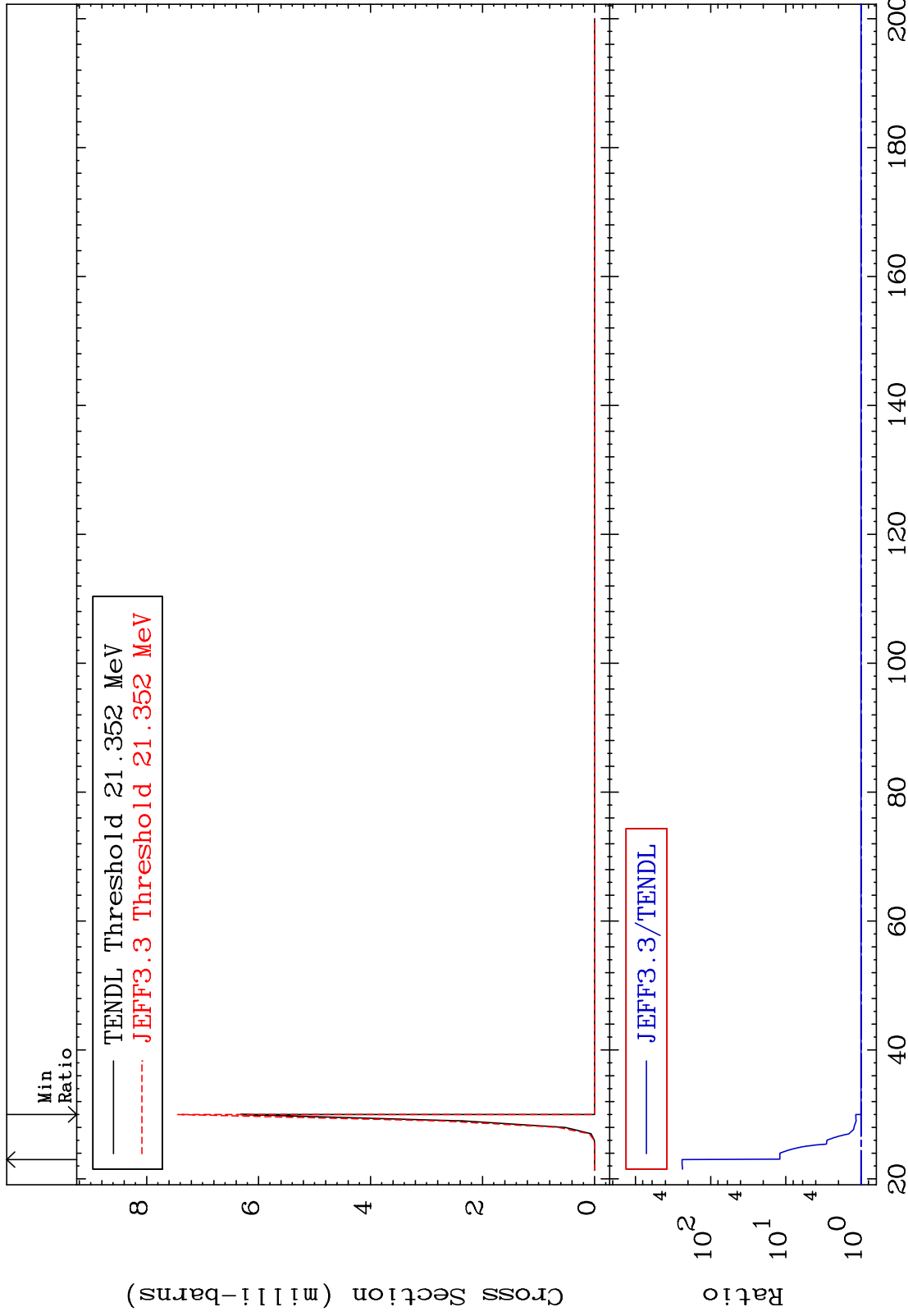


MAT 2328

(n,2n) α :21-Sc-46g

23-V -51

Radionuclide Production Cross Section 0.000 To 9999. %



78

Incident Energy (MeV)

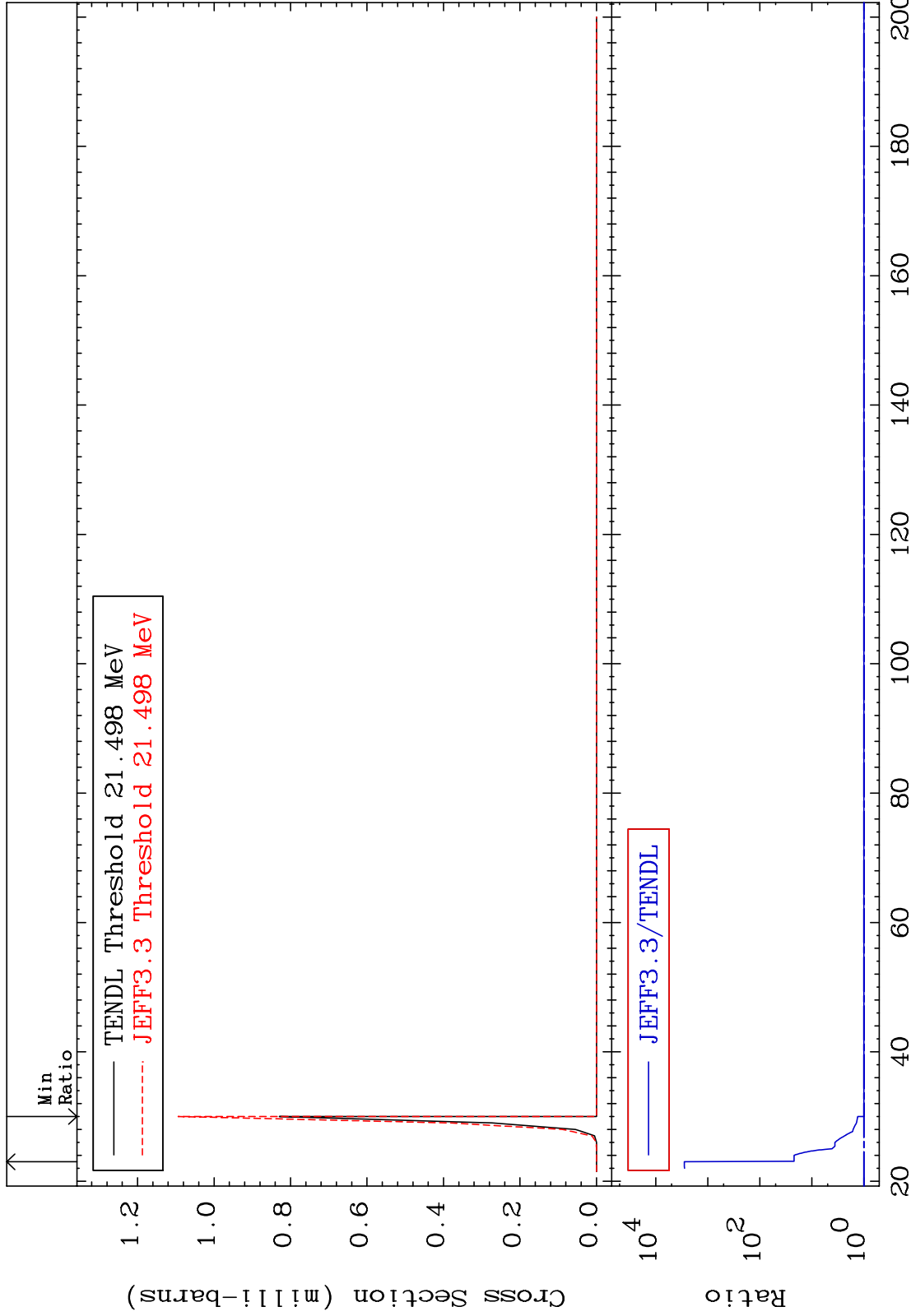
23-V -51

MAT 2328

(n,2n) α :21-Sc-46m2

23-V -51

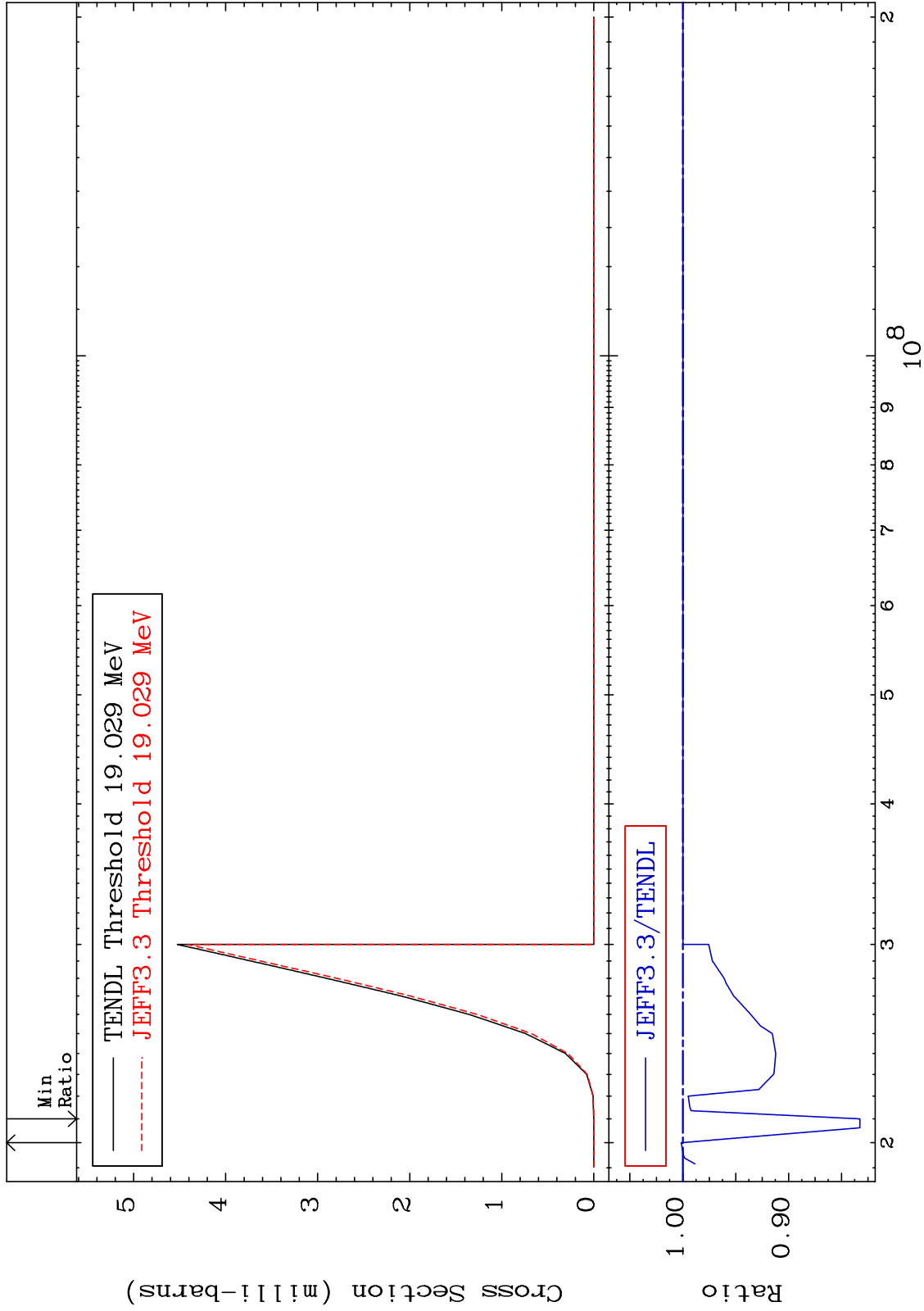
Radionuclide Production Cross Section 0.000 To 9999. %



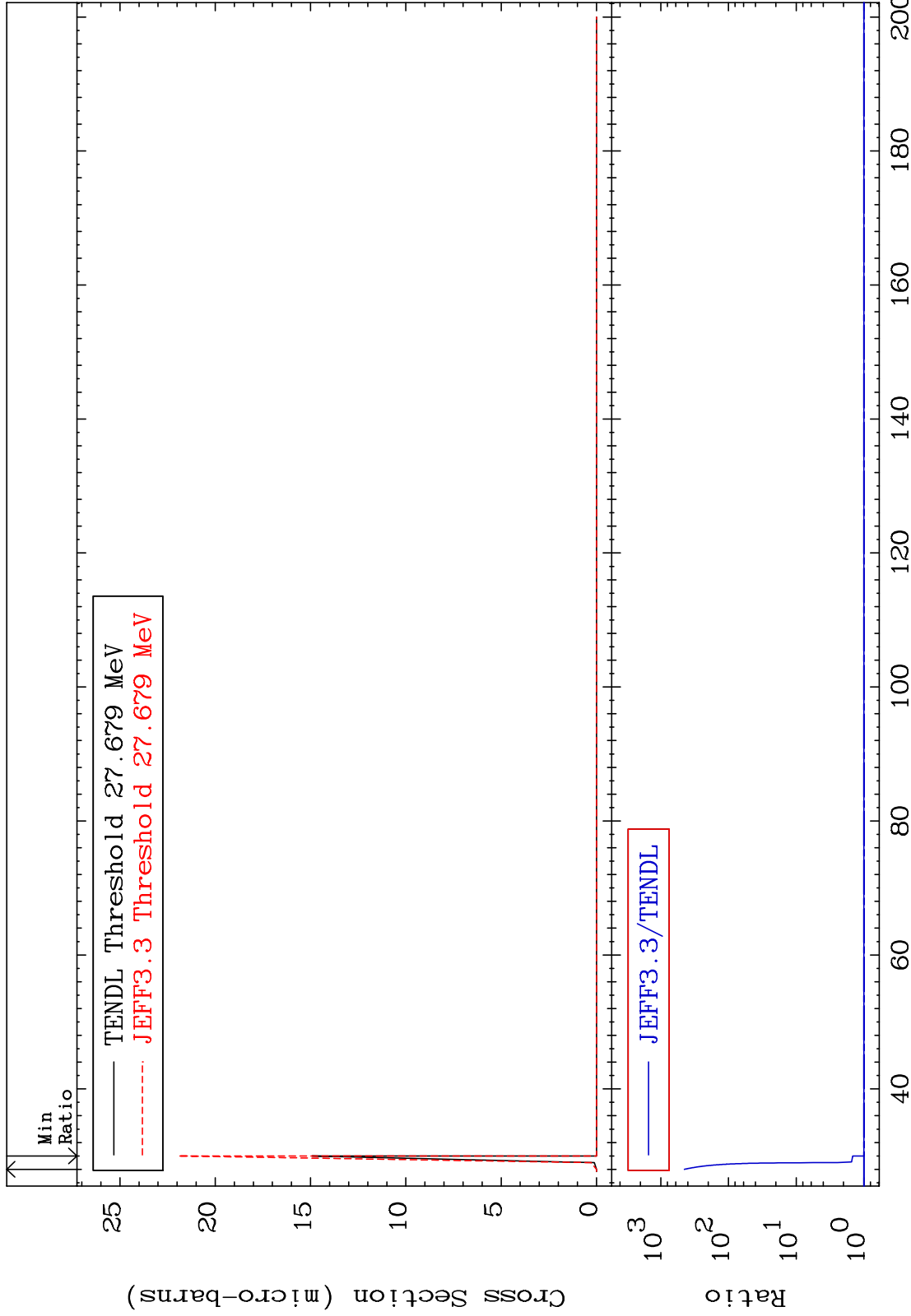
79

Incident Energy (MeV)

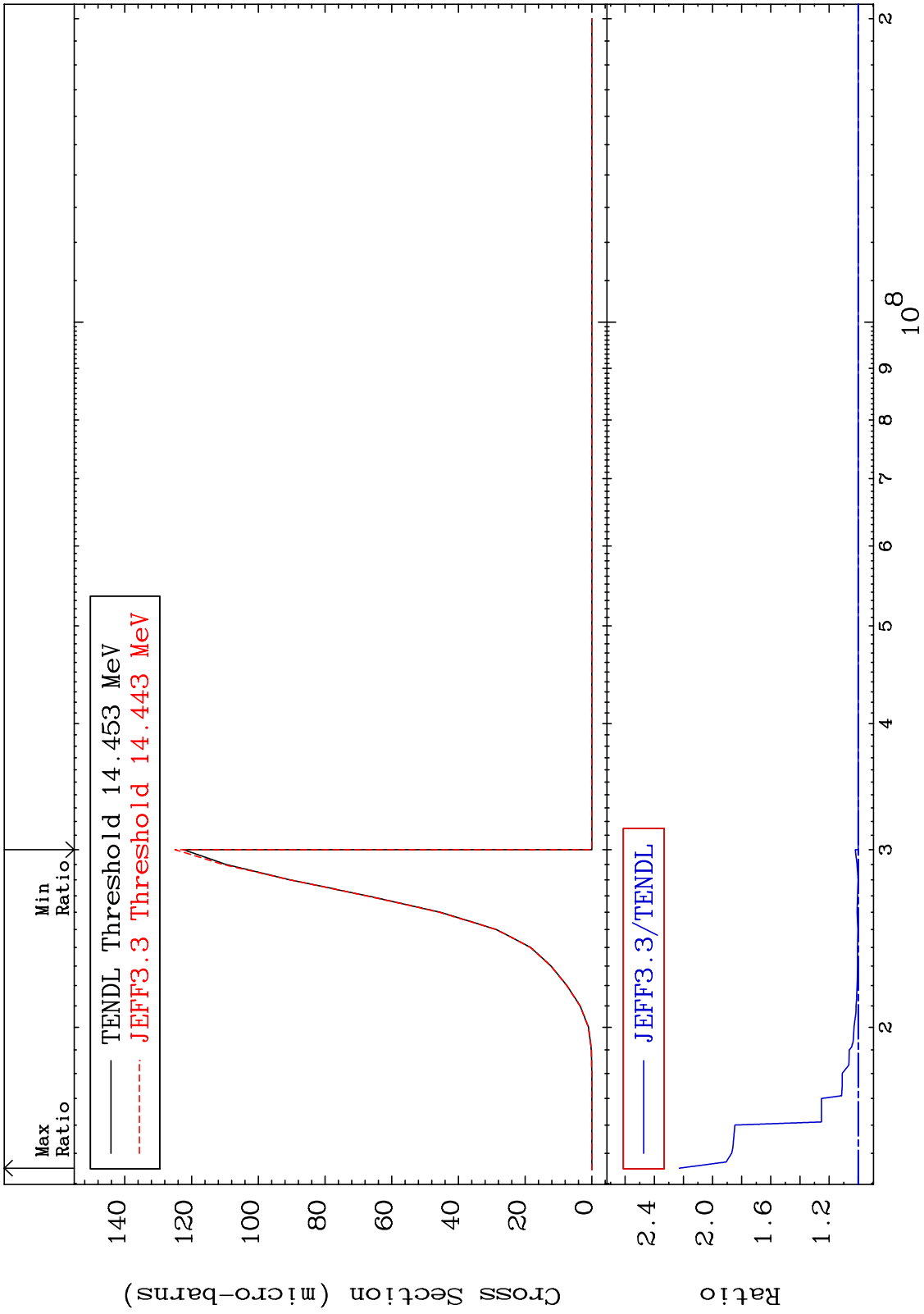
23-V -51



Radionuclide Production Cross Section 0.000 To 9999. %



(n,2p):21-Sc-50g
Radionuclide Production Cross Section 0.000 To 122.8 %



Radionuclide Production Cross Section -1.648 To 1274. %

