

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

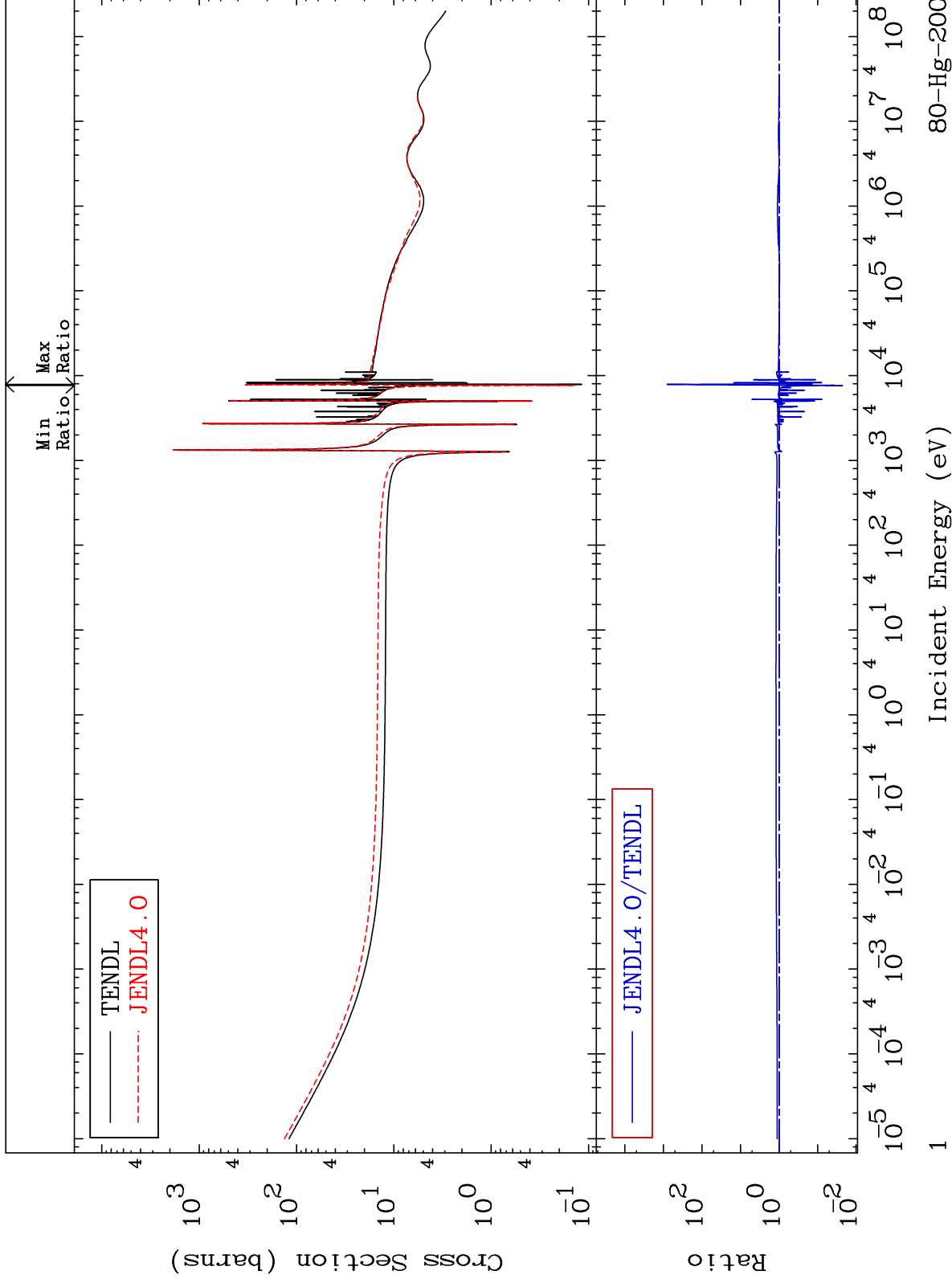
MAT 8037

Total

80-Hg-200

Cross Section

-97.75 To 9999. %



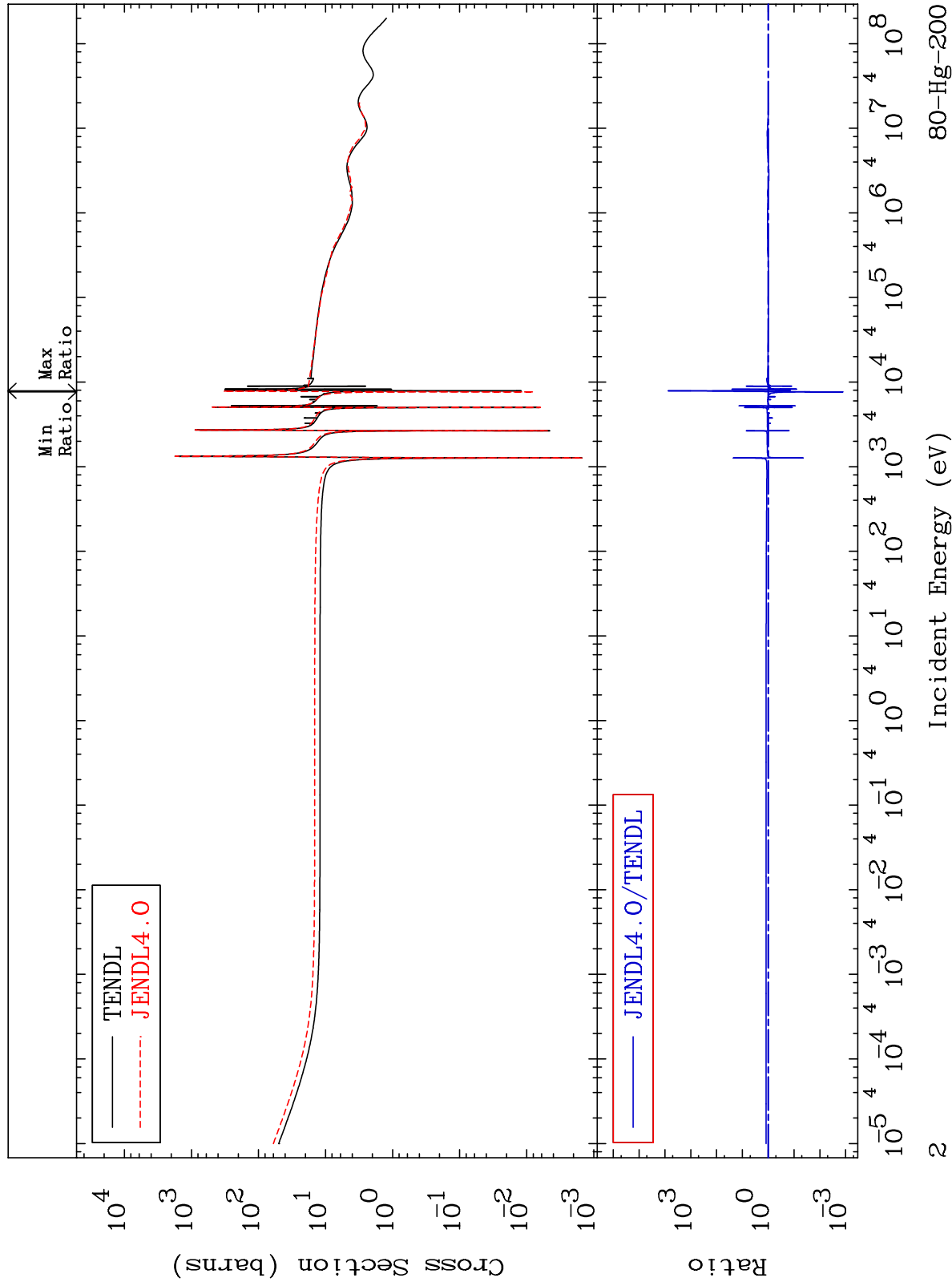
Incident Energy (eV)

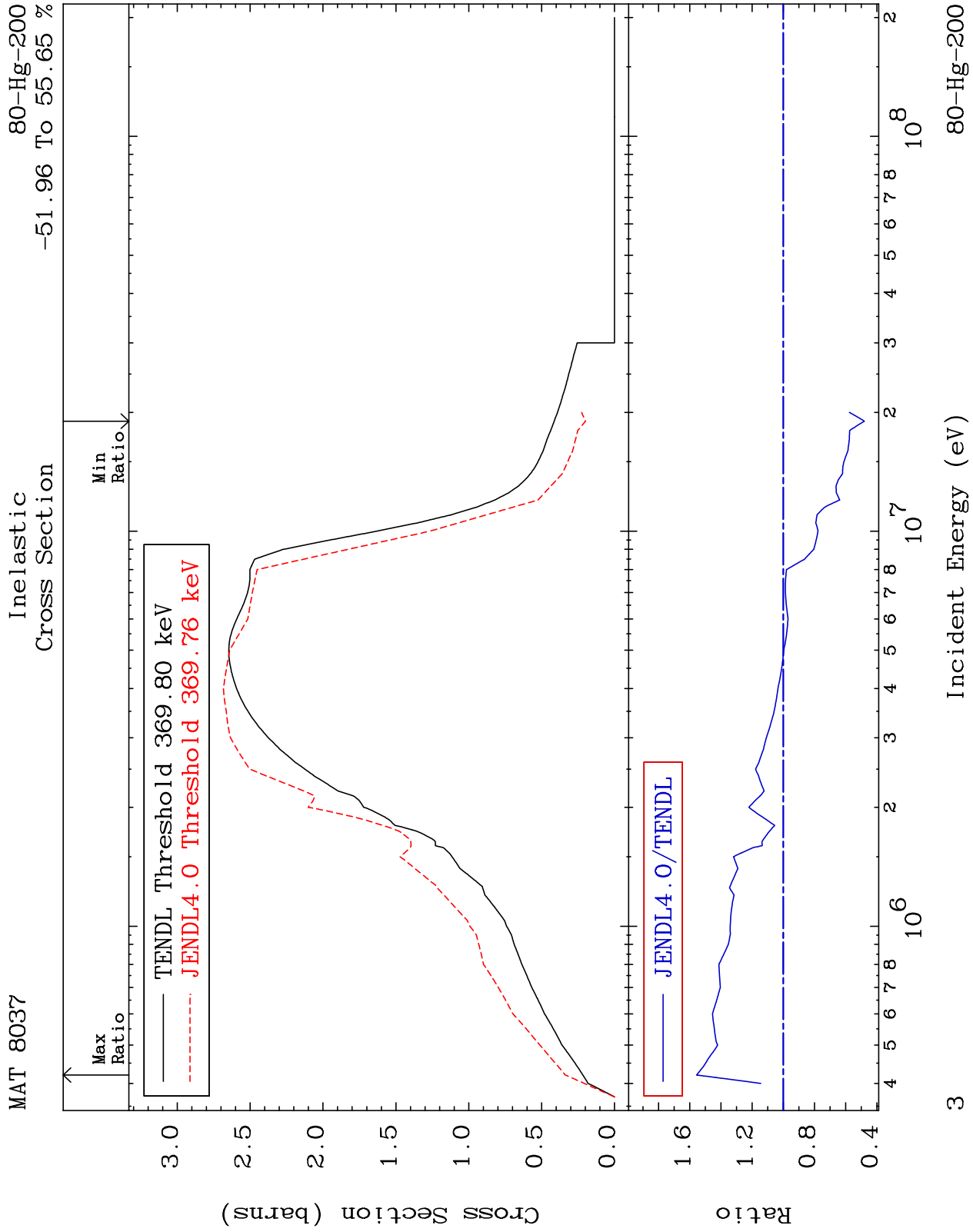
80-Hg-200

MAT 8037

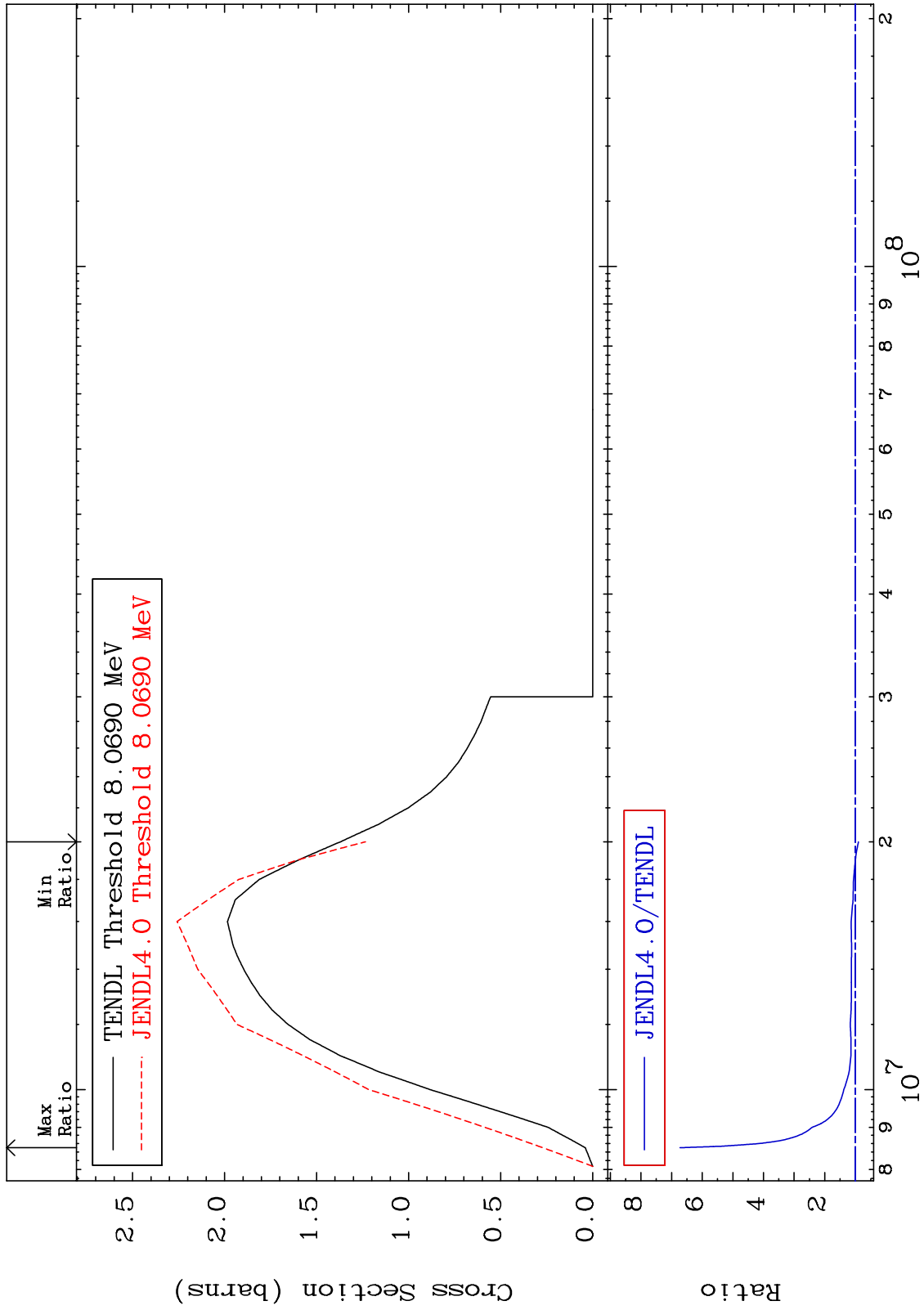
Elastic
Cross Section

80-Hg-200
-99.87 To 9999. %





MAT 8037 (n,2n) Cross Section 80-Hg-200 -9.873 To 572.5 %



4 80-Hg-200

MAT 8037

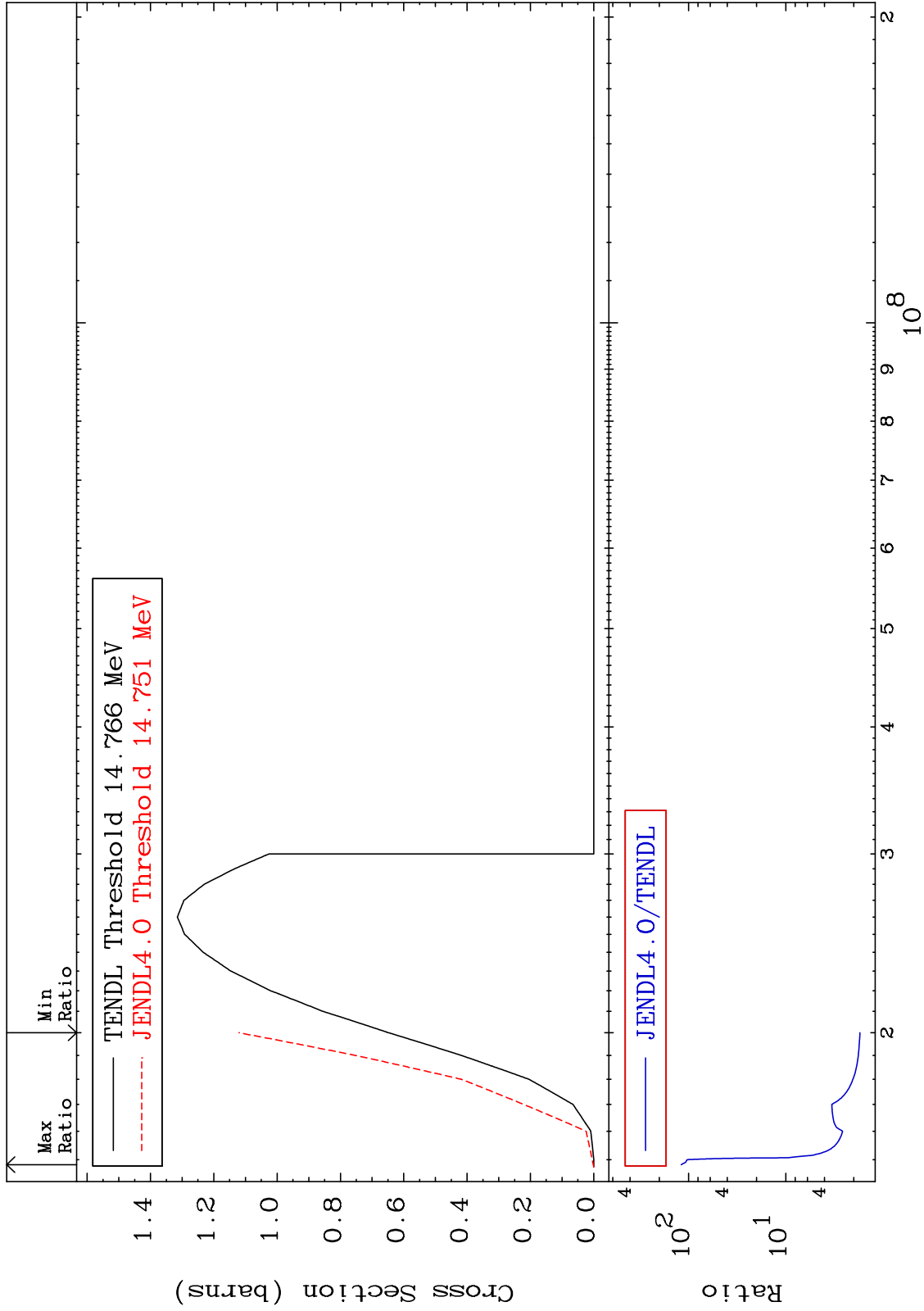
(n,3n)

80-Hg-200

Cross Section

72.95

To 9999. %



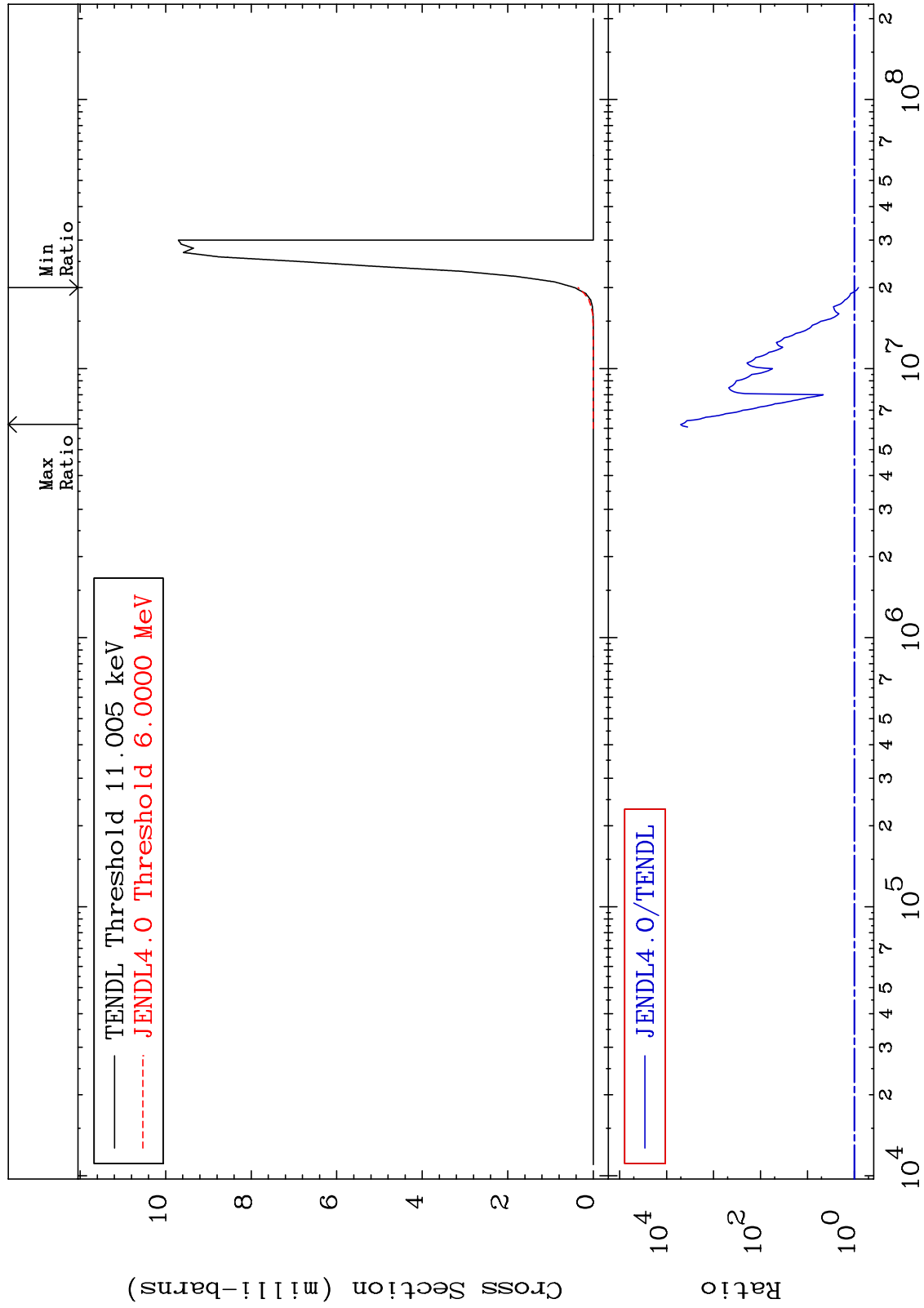
MAT 8037

(n,n') α

80-Hg-200

Cross Section

-18.39 To 9999. %



Incident Energy (eV)

80-Hg-200

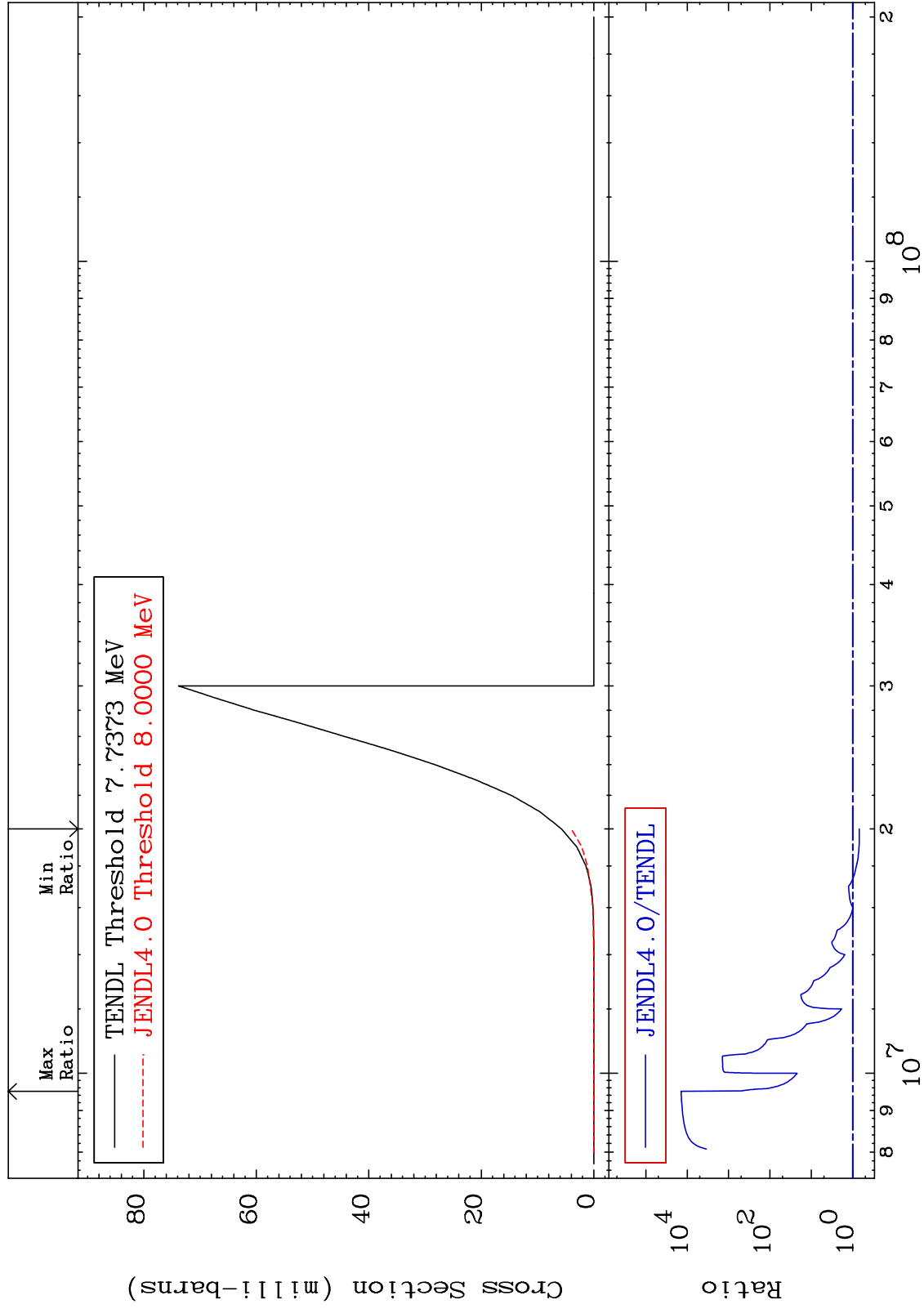
MAT 8037

(n,n') p

80-Hg-200

Cross Section

-30.39 To 9999. %



7

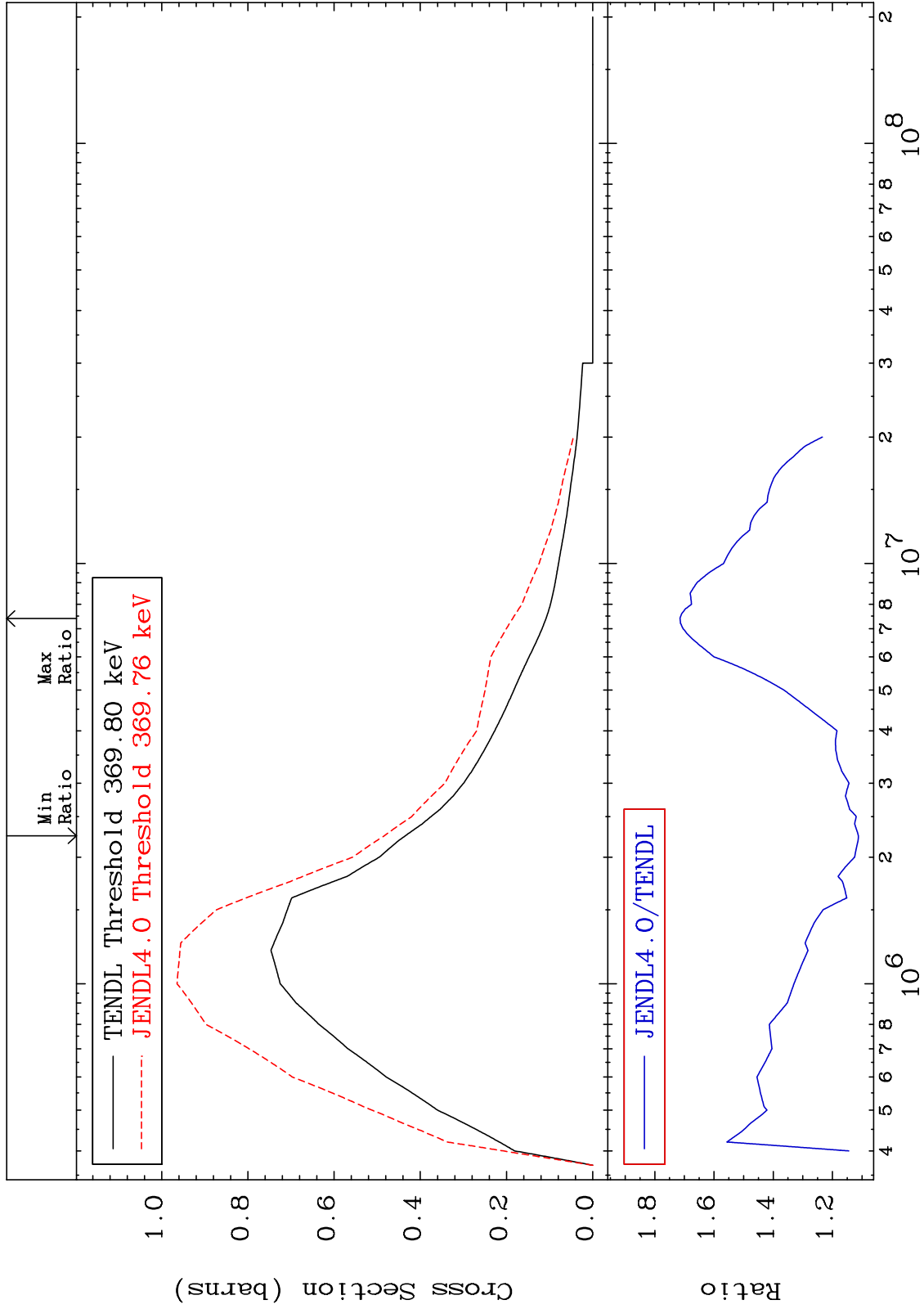
Incident Energy (eV)

80-Hg-200

MAT 8037

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

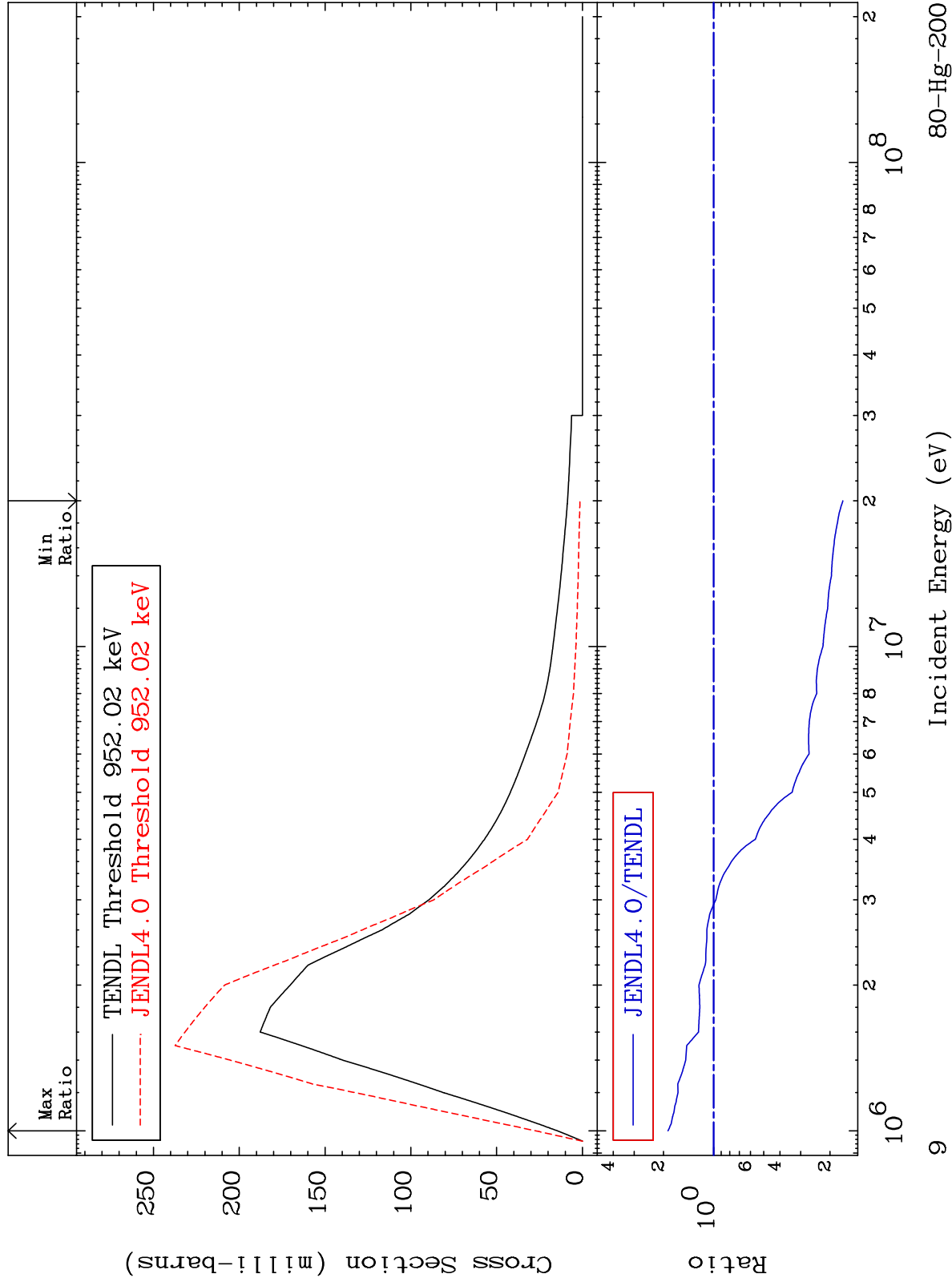
11.22 To 71.48 %
80-Hg-200



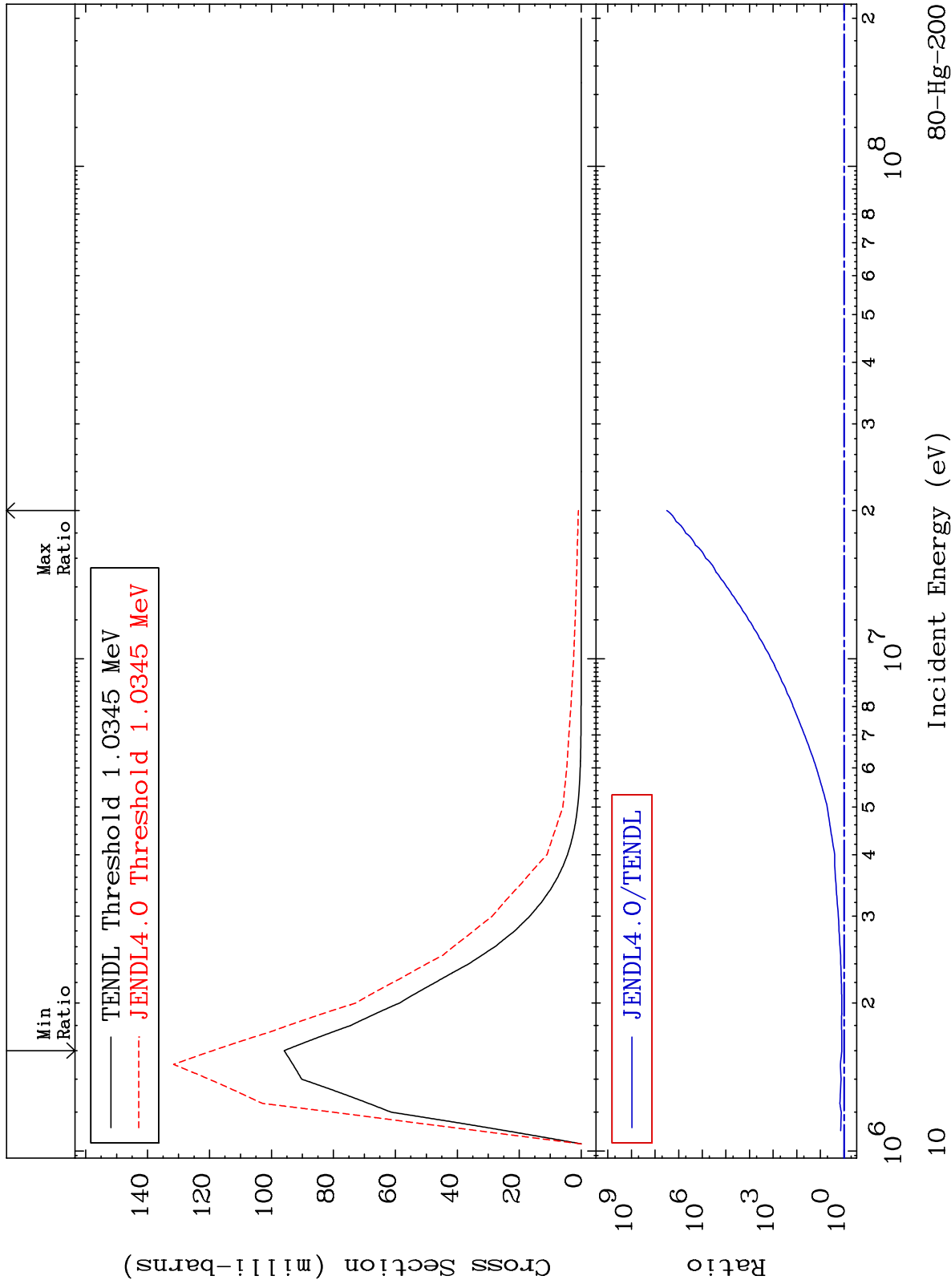
MAT 8037

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

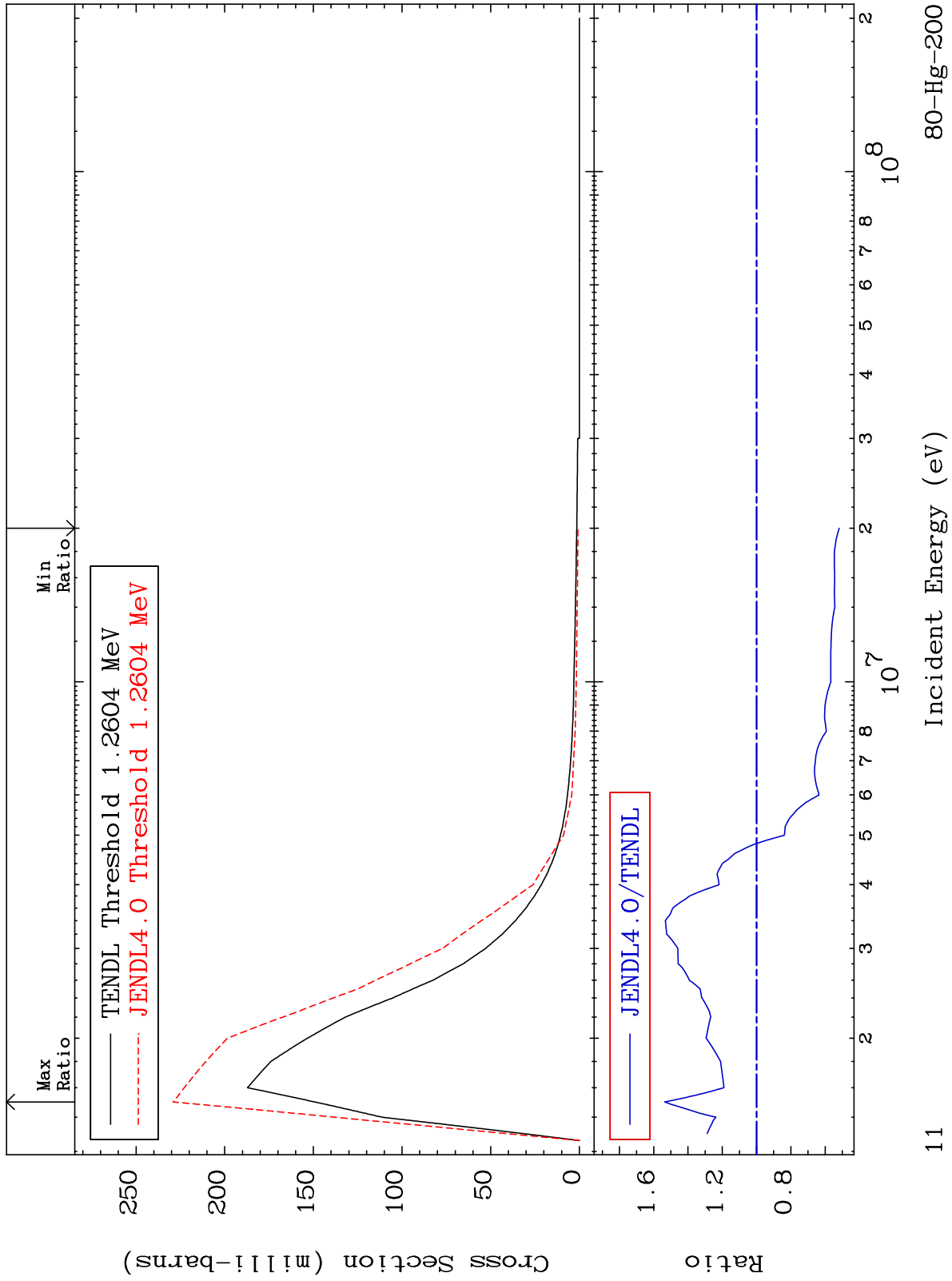
80-Hg-200
-83.25 To 87.76 %



MAT 8037 MT= 53 (n, n') Level Cross Section 80-Hg-200 To 9999. %
24.03



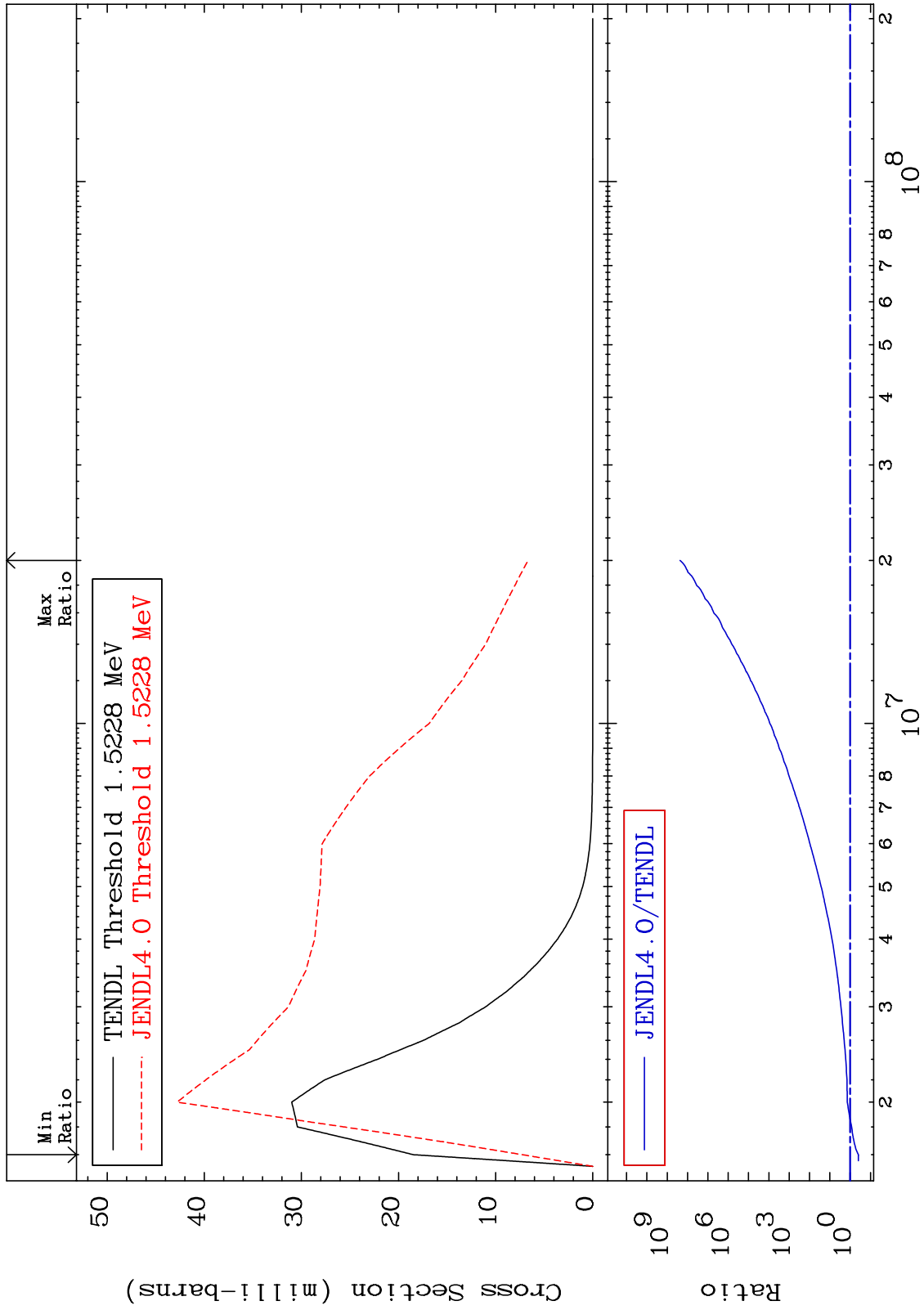
MAT 8037 MT= 54 (n,n') Level Cross Section 80-Hg-200
 -48.17 To 53.58 %



MAT 8037

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

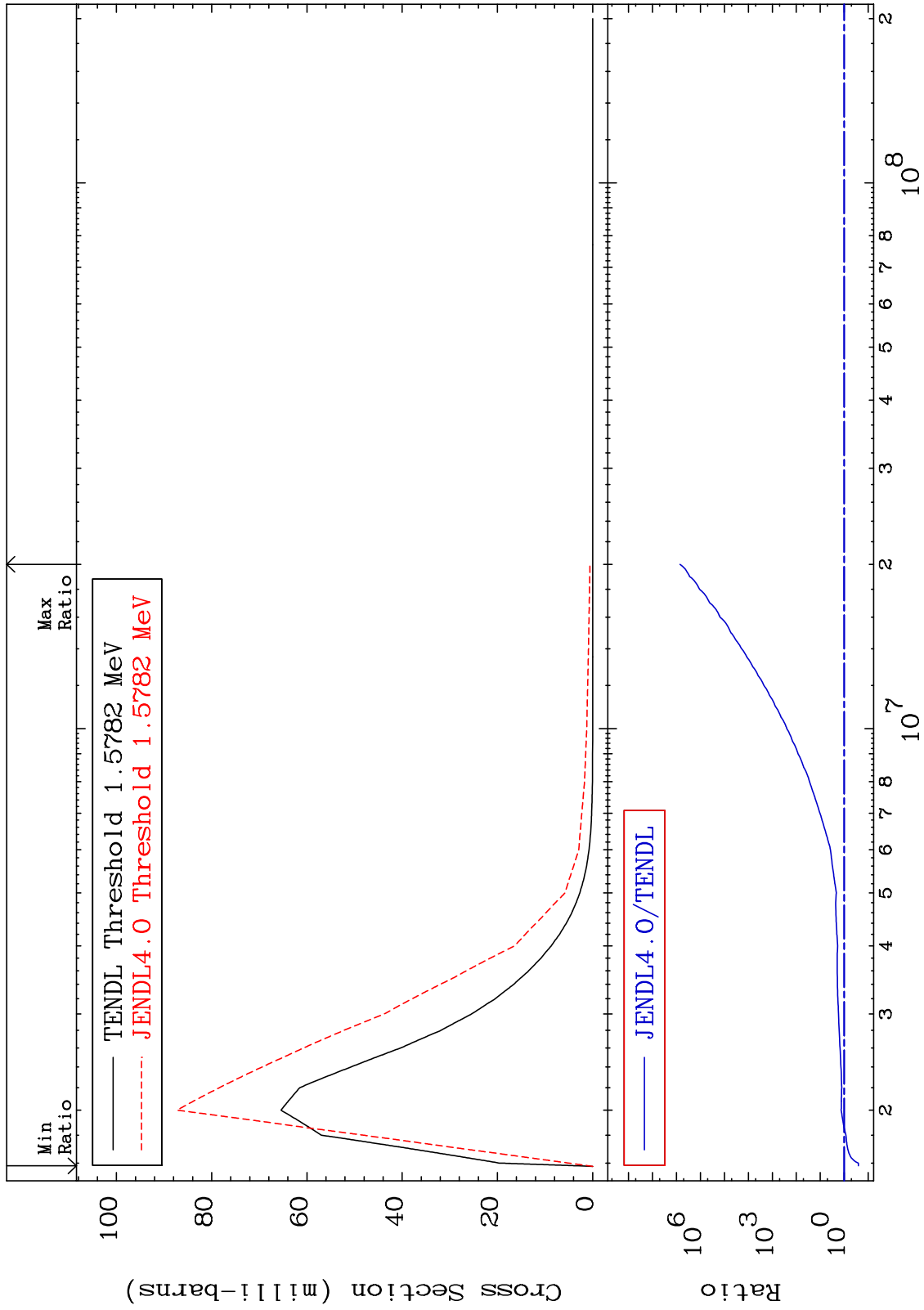
80-Hg-200
-60.69 To 9999. %



MAT 8037

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

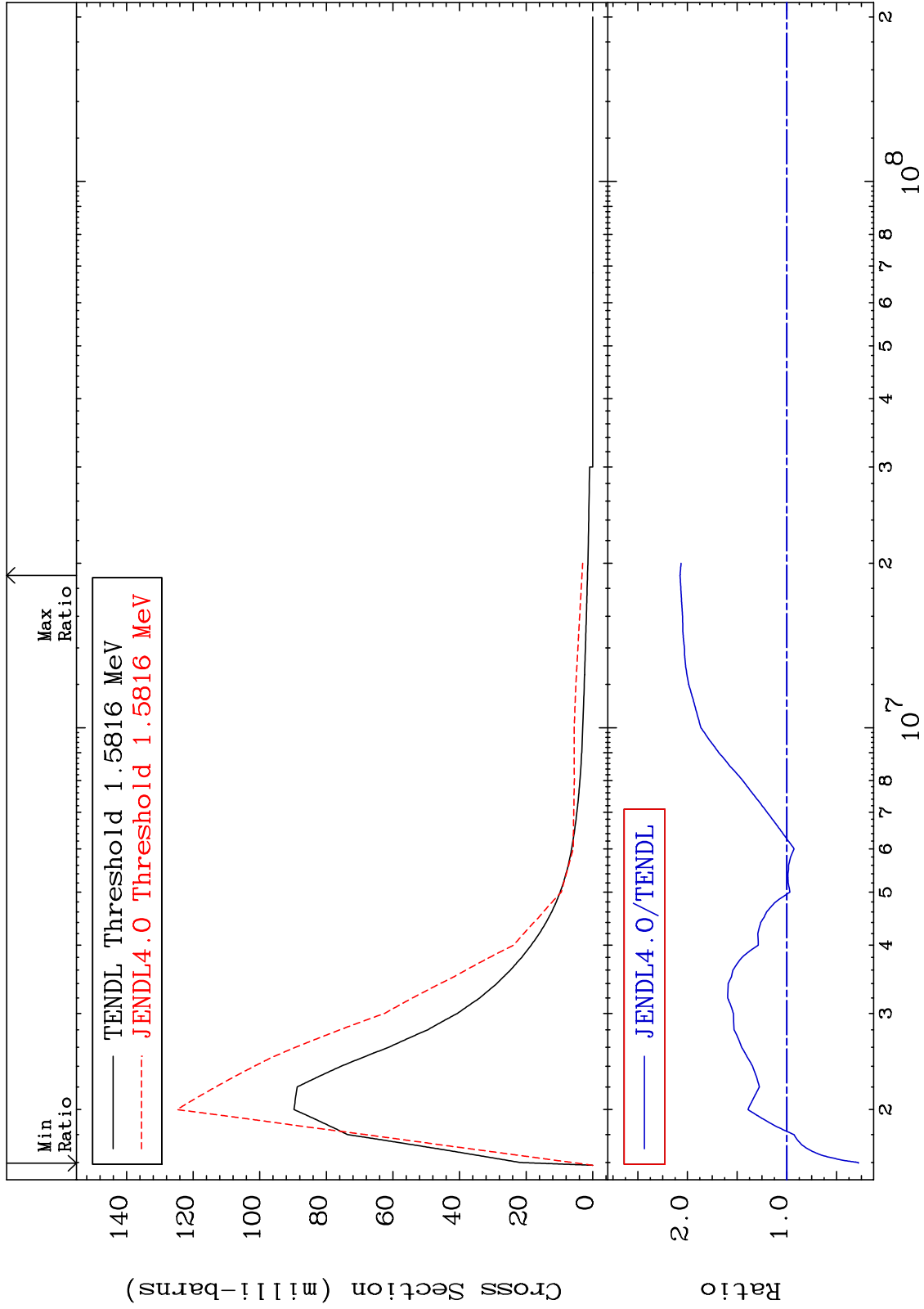
80-Hg-200
-74.44 To 9999. %



MAT 8037

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

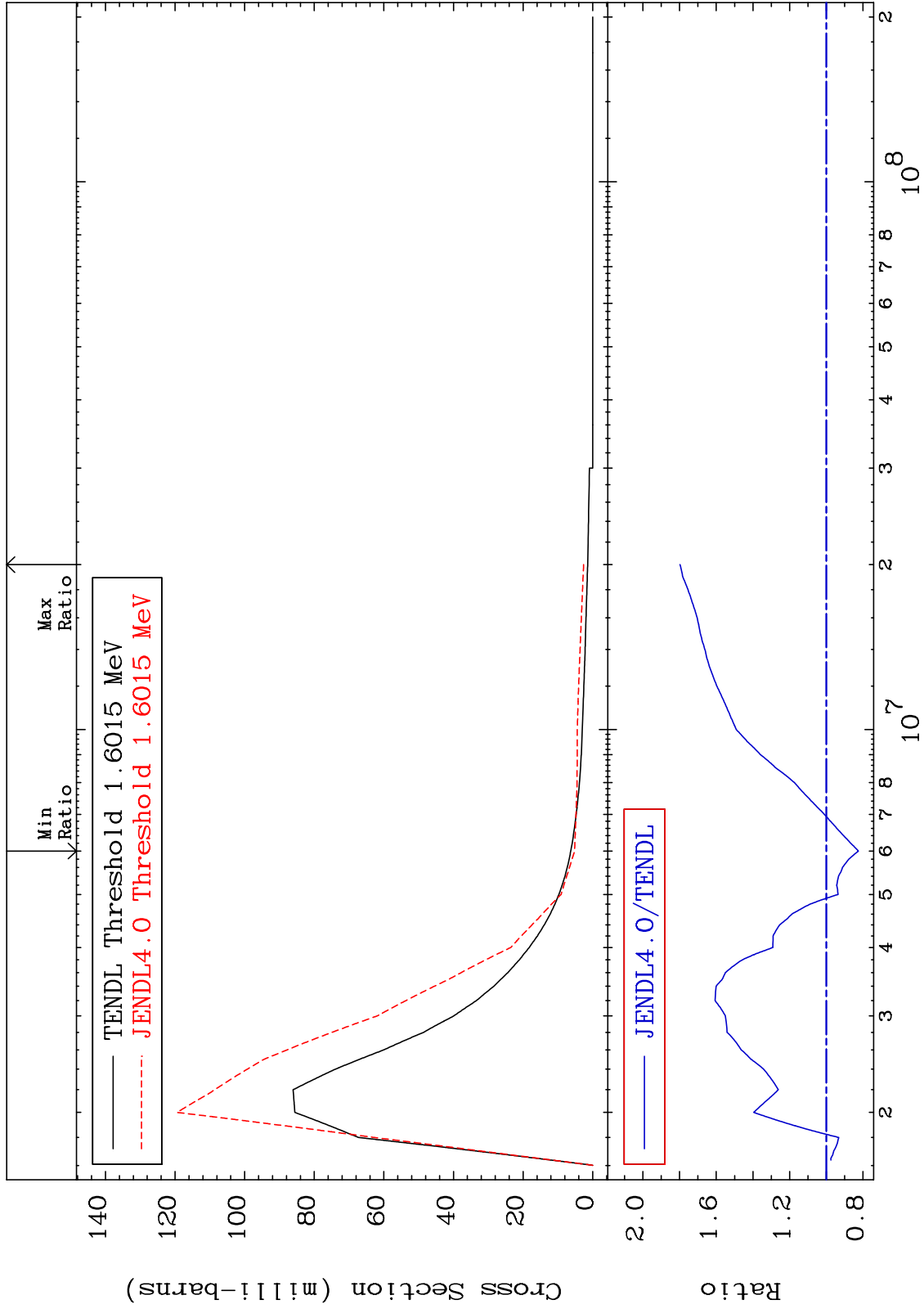
80-Hg-200
-72.07 To 107.5 %



MAT 8037

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

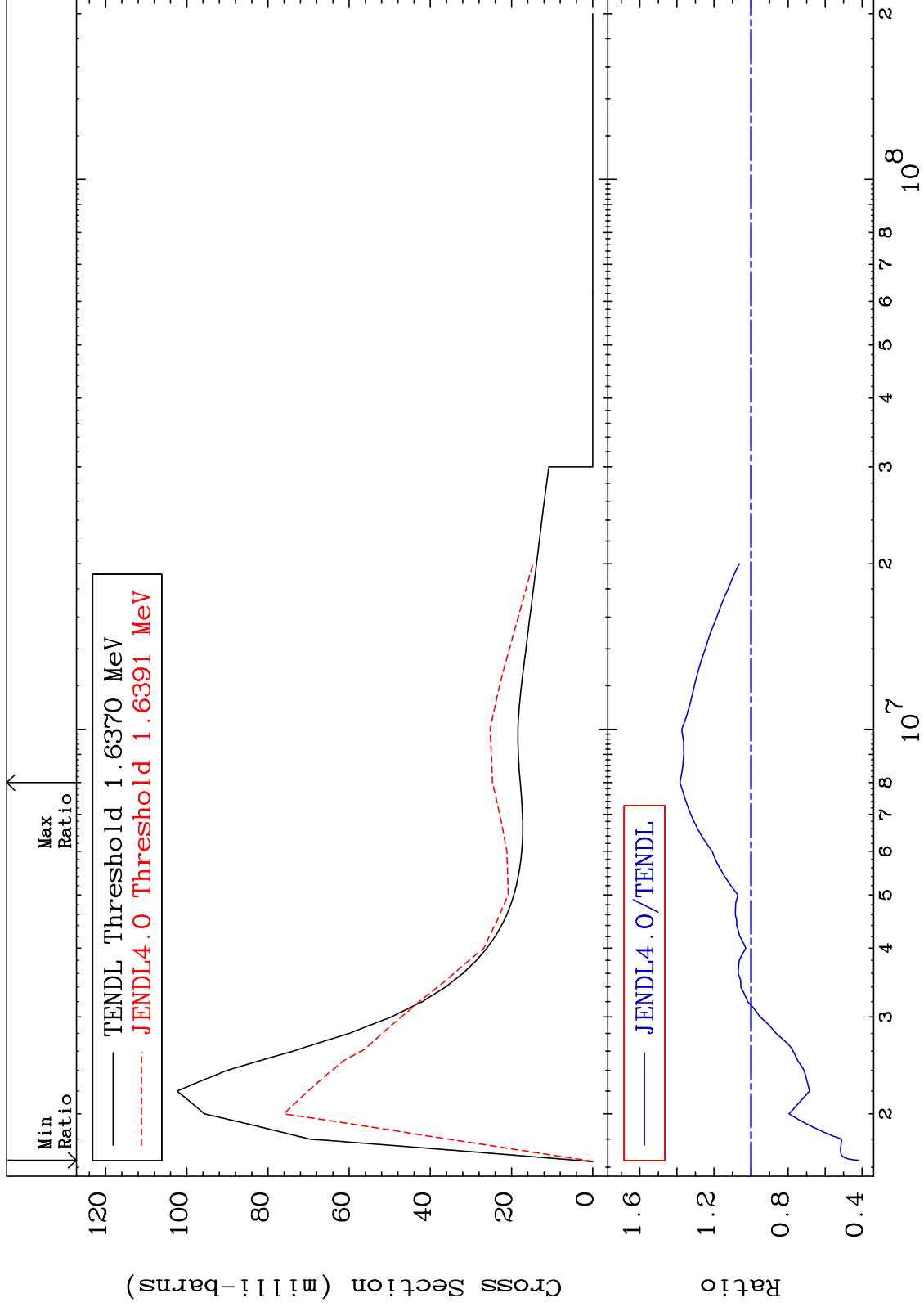
80-Hg-200
-17.50 To 79.76 %



MAT 8037

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

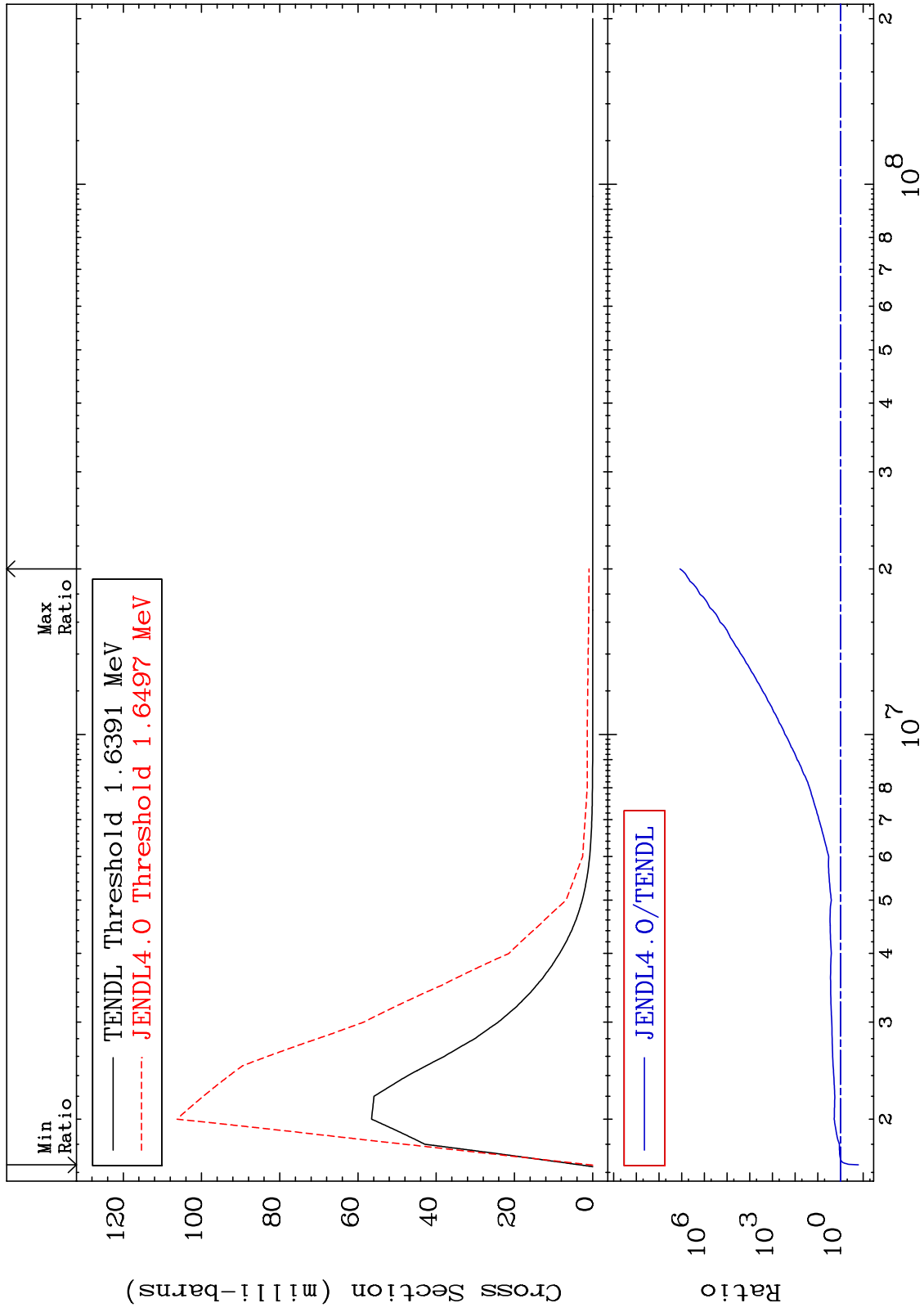
80-Hg-200
-57.97 To 38.31 %



MAT 8037

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

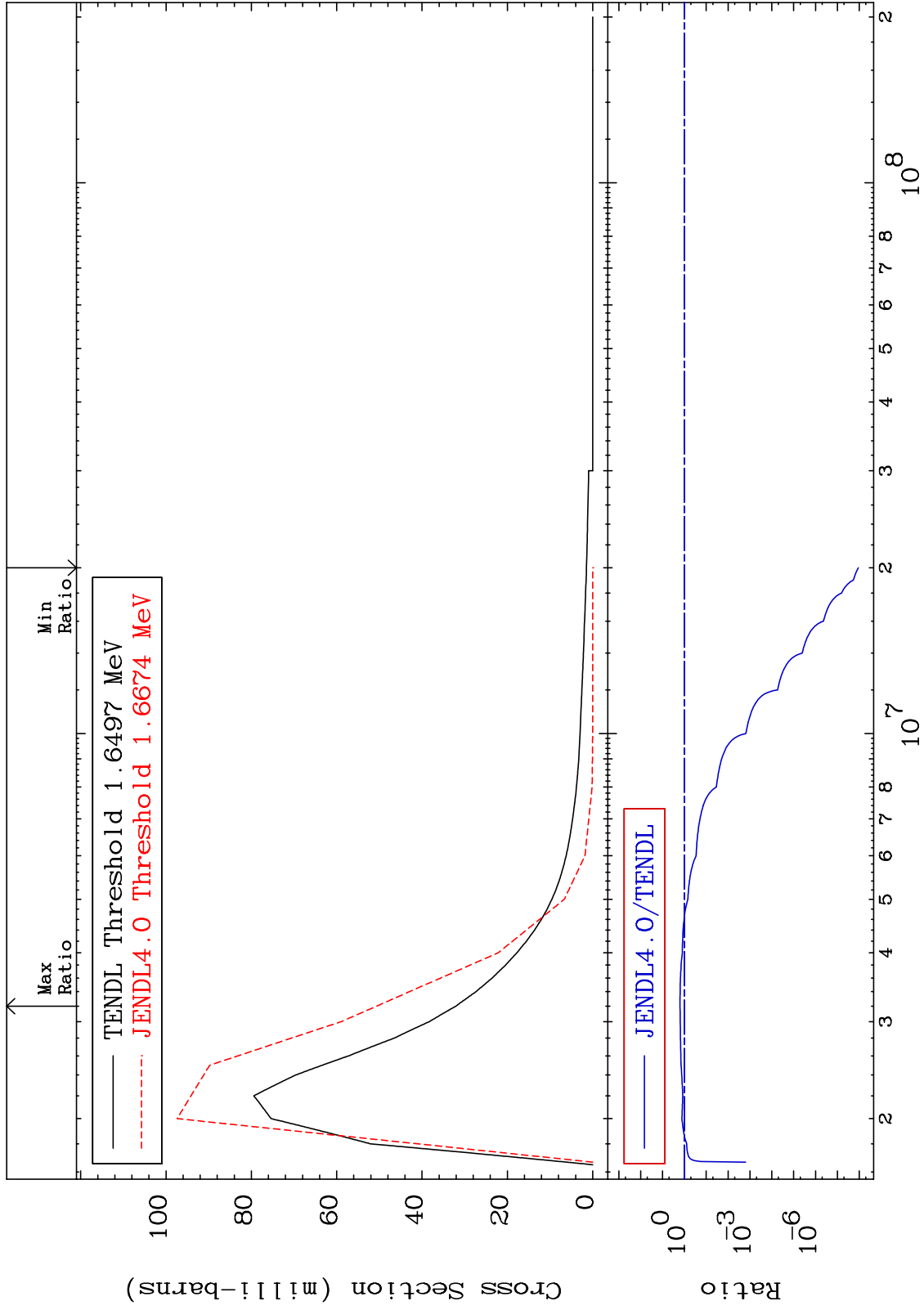
80-Hg-200
-83.88 To 9999. %



MAT 8037

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

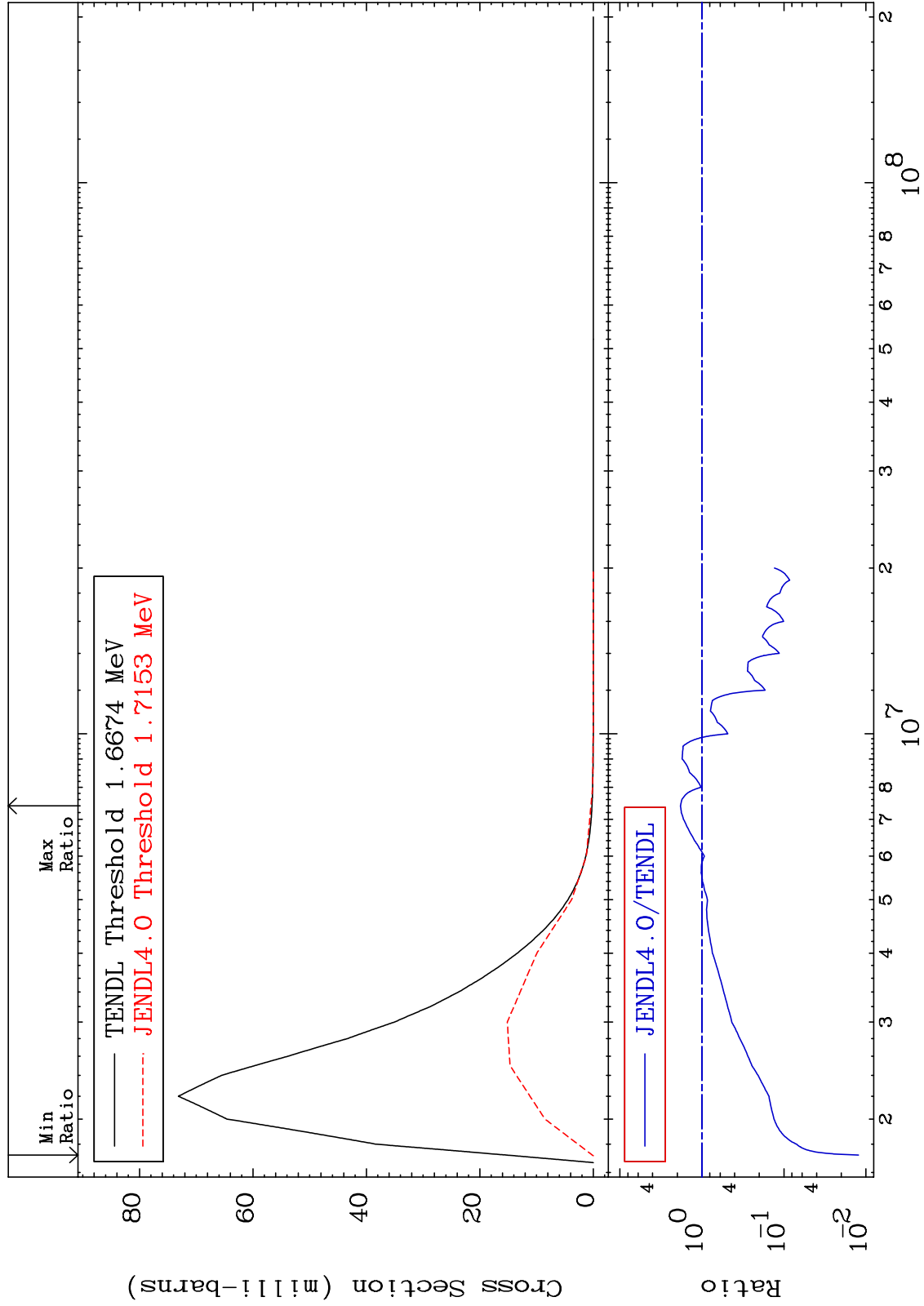
80-Hg-200
-100.0 To 57.93 %



MAT 8037

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

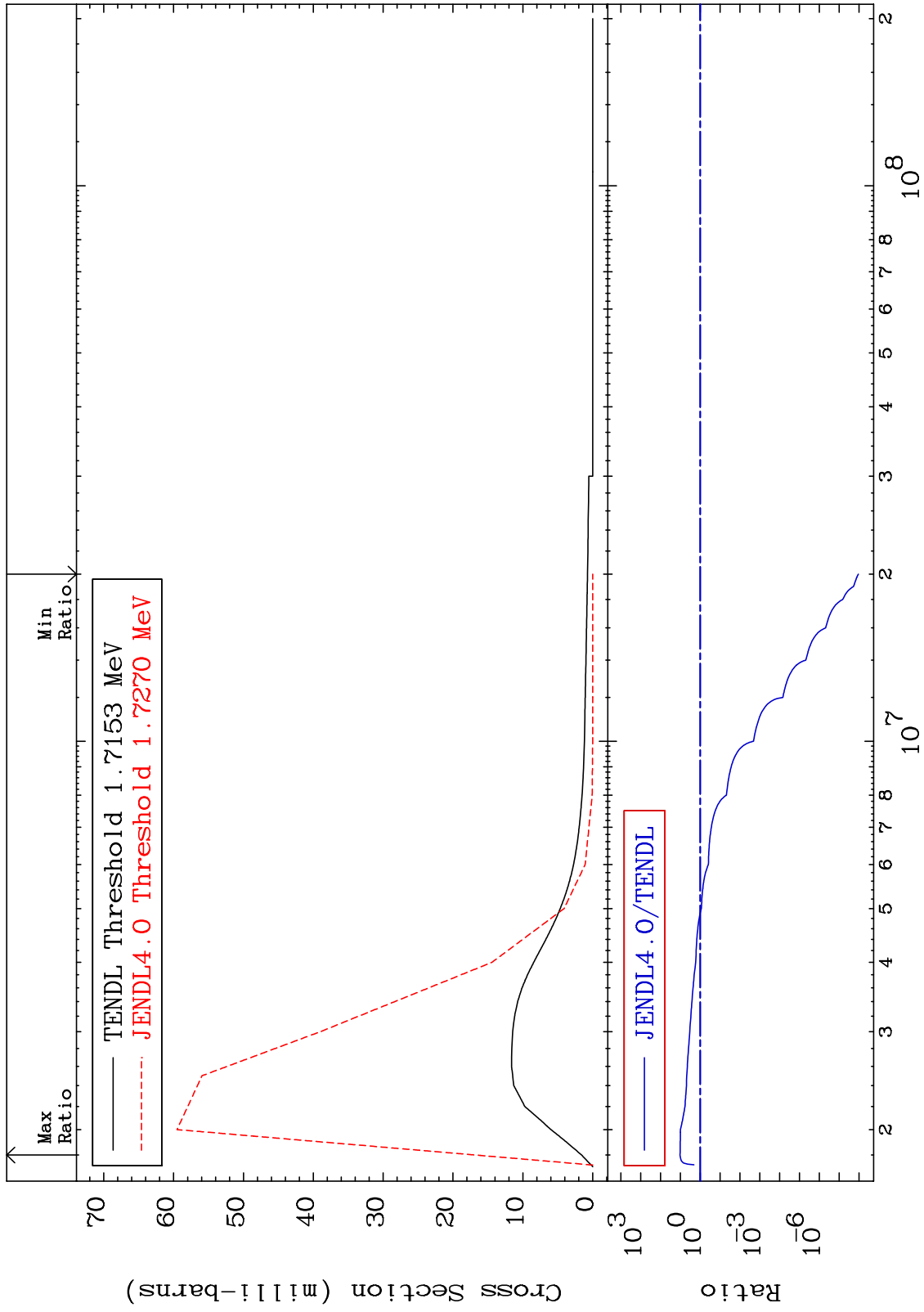
80-Hg-200
-98.77 To 82.78 %



MAT 8037

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

80-Hg-200
-100.0 To 951.0 %



20

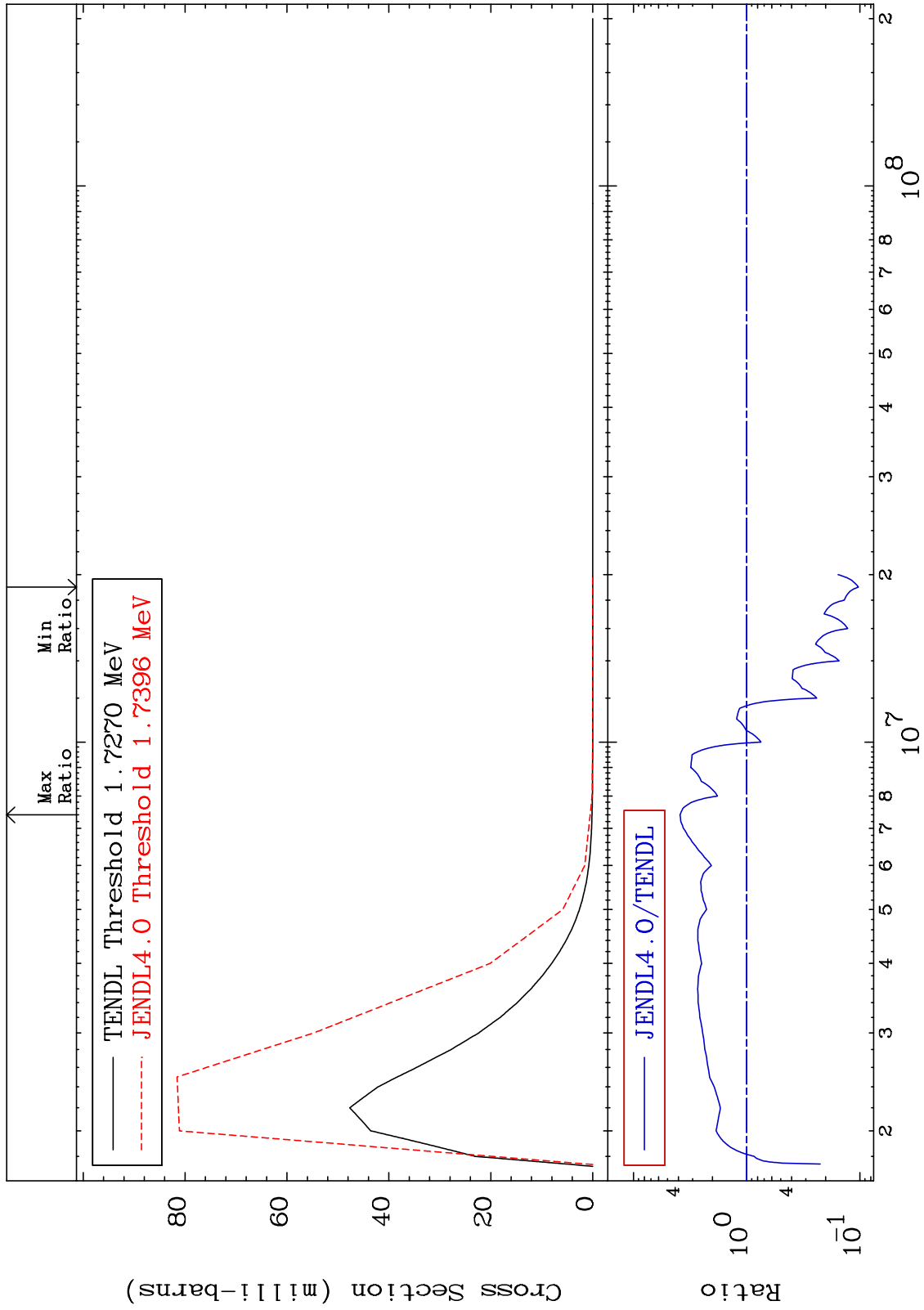
Incident Energy (eV)

80-Hg-200

MAT 8037

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

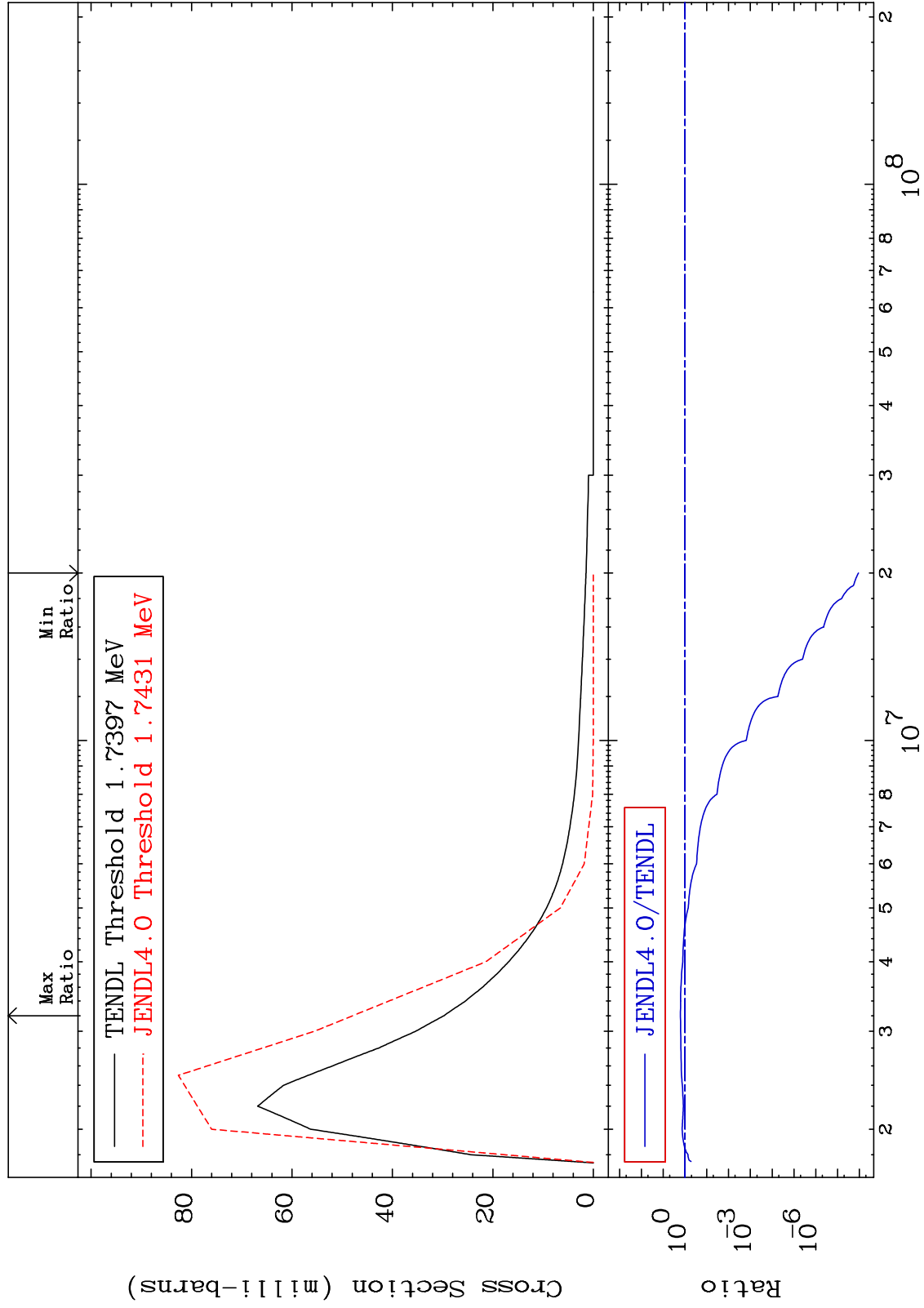
80-Hg-200
-89.71 To 287.6 %



MAT 8037

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

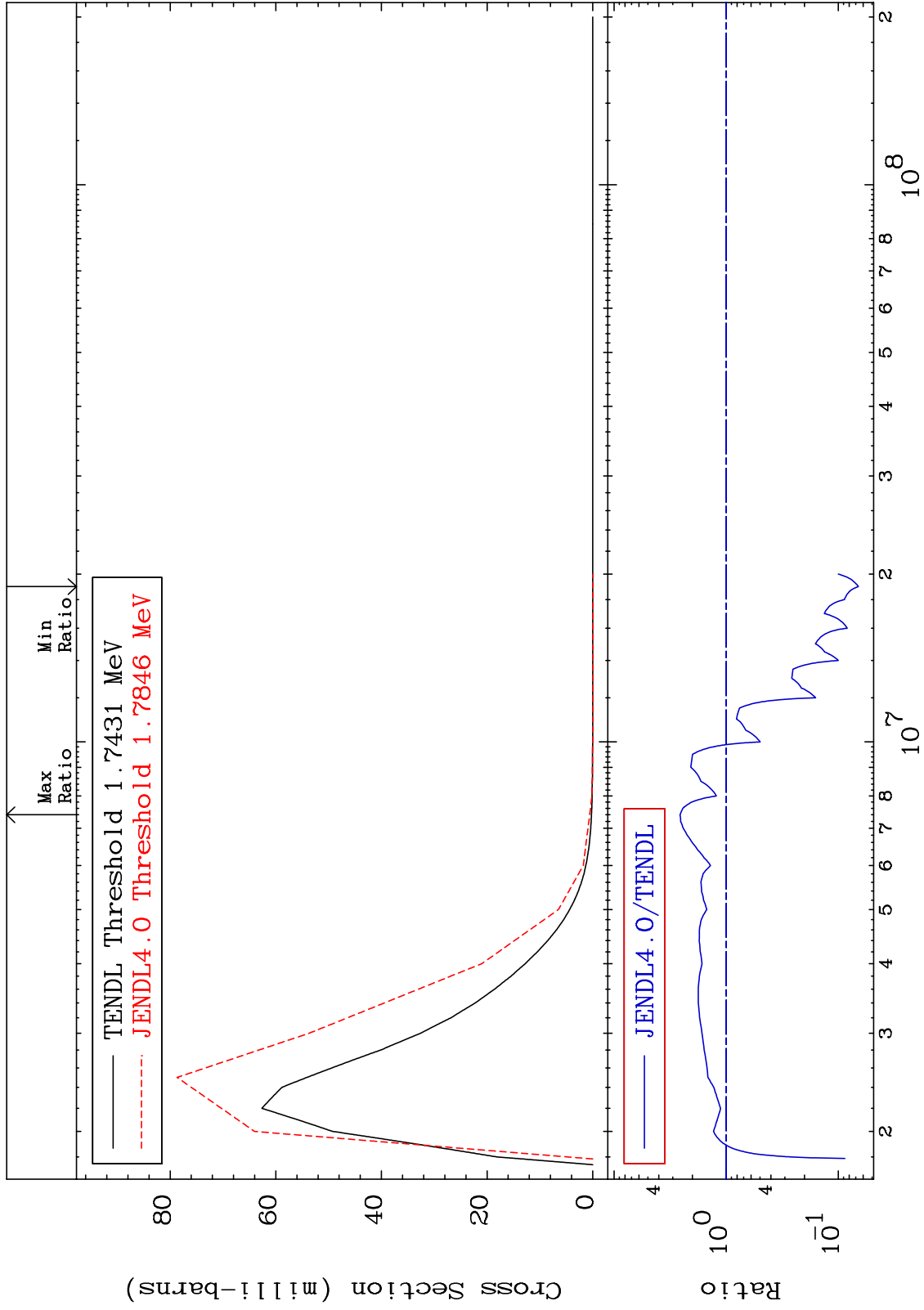
80-Hg-200
-100.0 To 60.96 %



MAT 8037

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

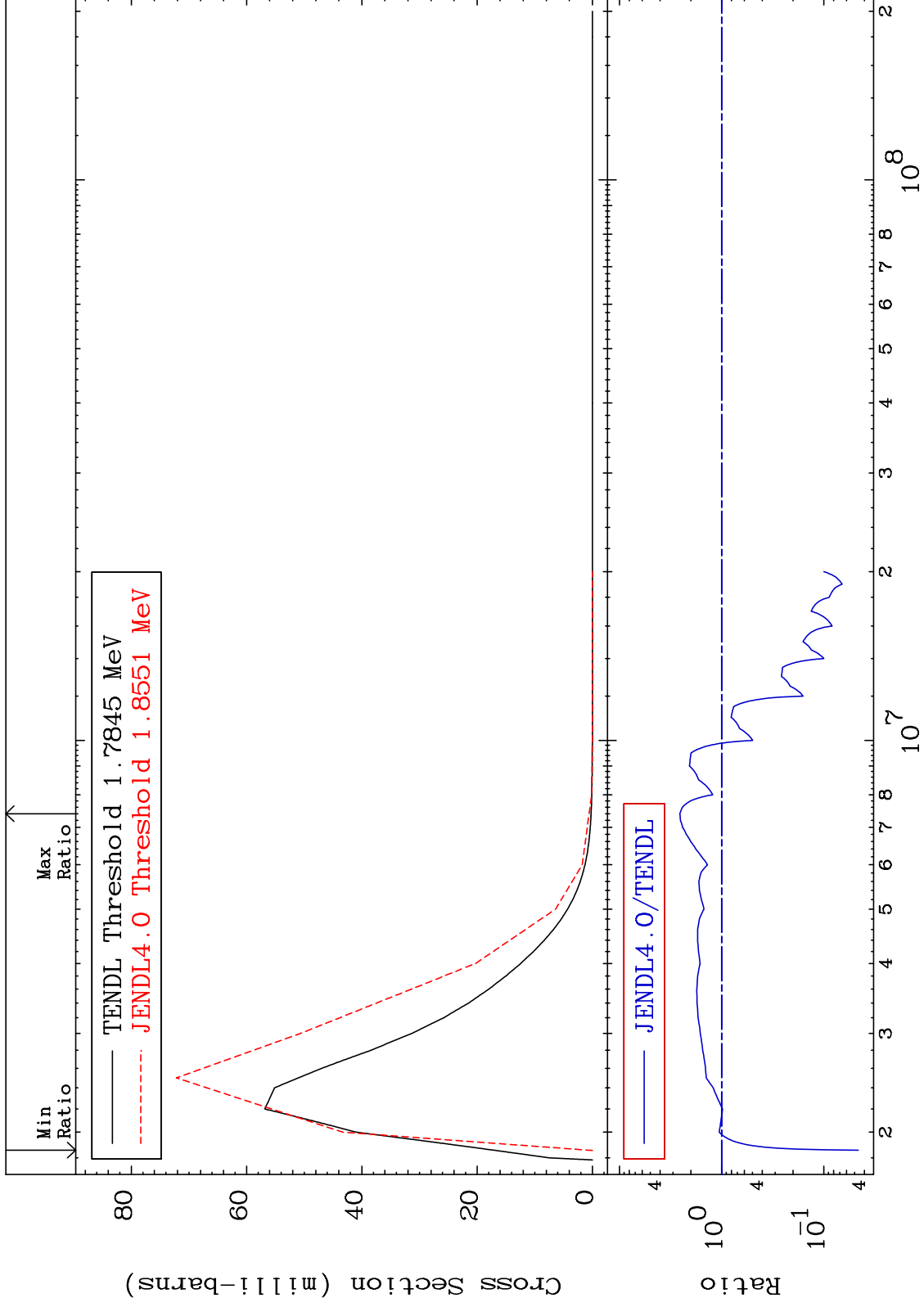
80-Hg-200
-93.38 To 158.2 %



MAT 8037

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

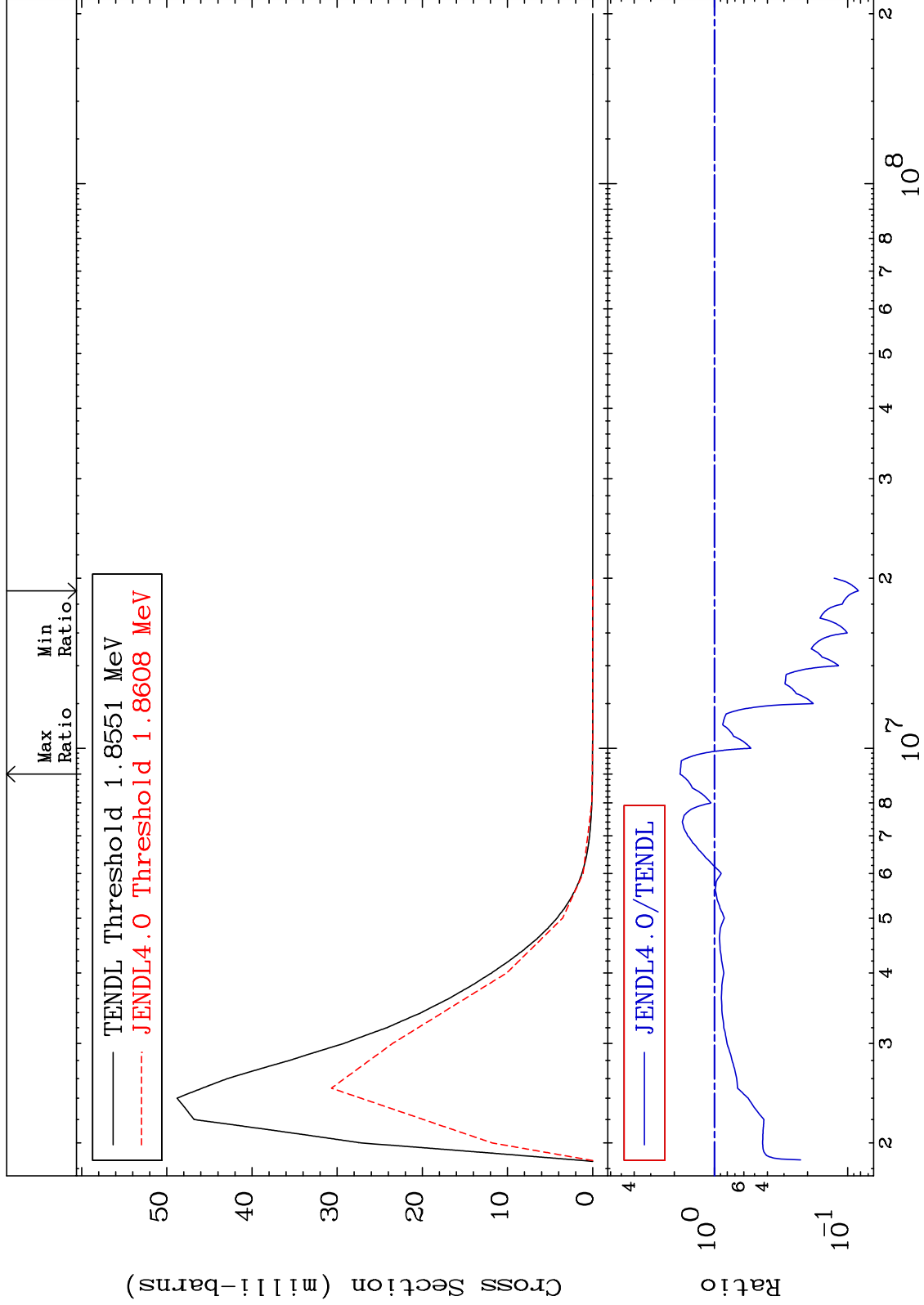
80-Hg-200
-95.41 To 156.7 %



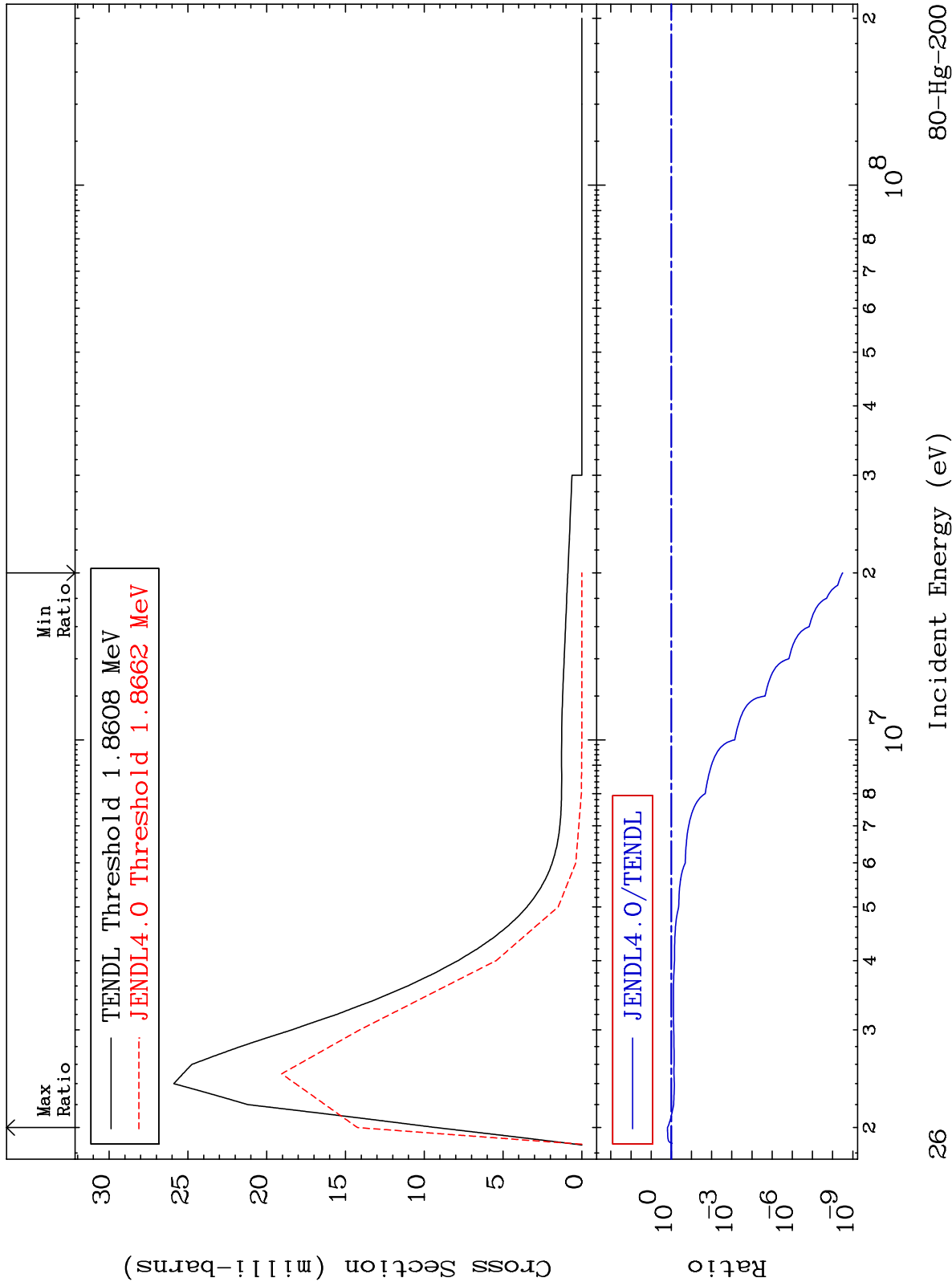
MAT 8037

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

80-Hg-200
-91.70 To 81.03 %



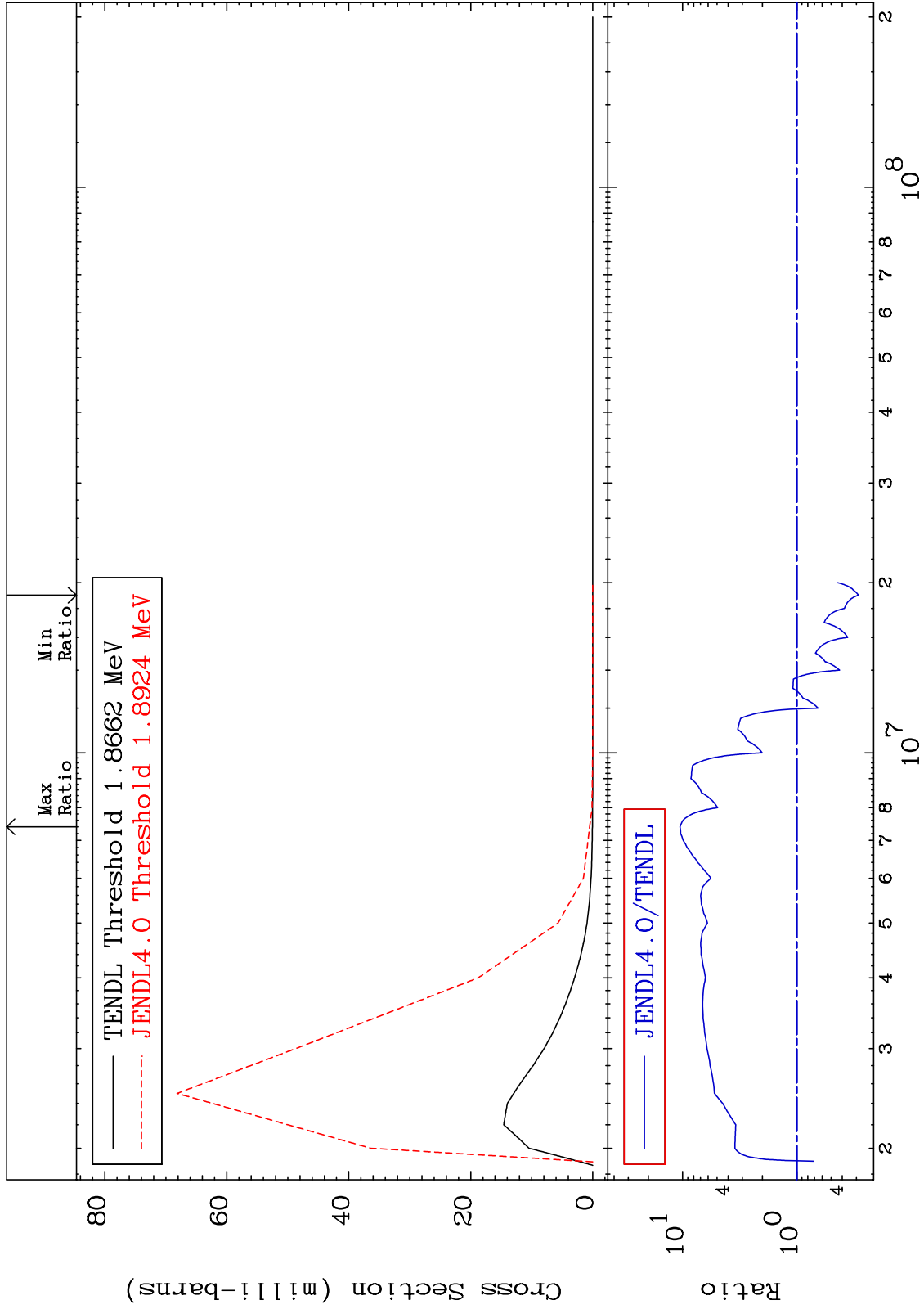
MAT 8037 MT= 69 (n,n') Level Cross Section 80-Hg-200
 -100.0 To 53.84 %



MAT 8037

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

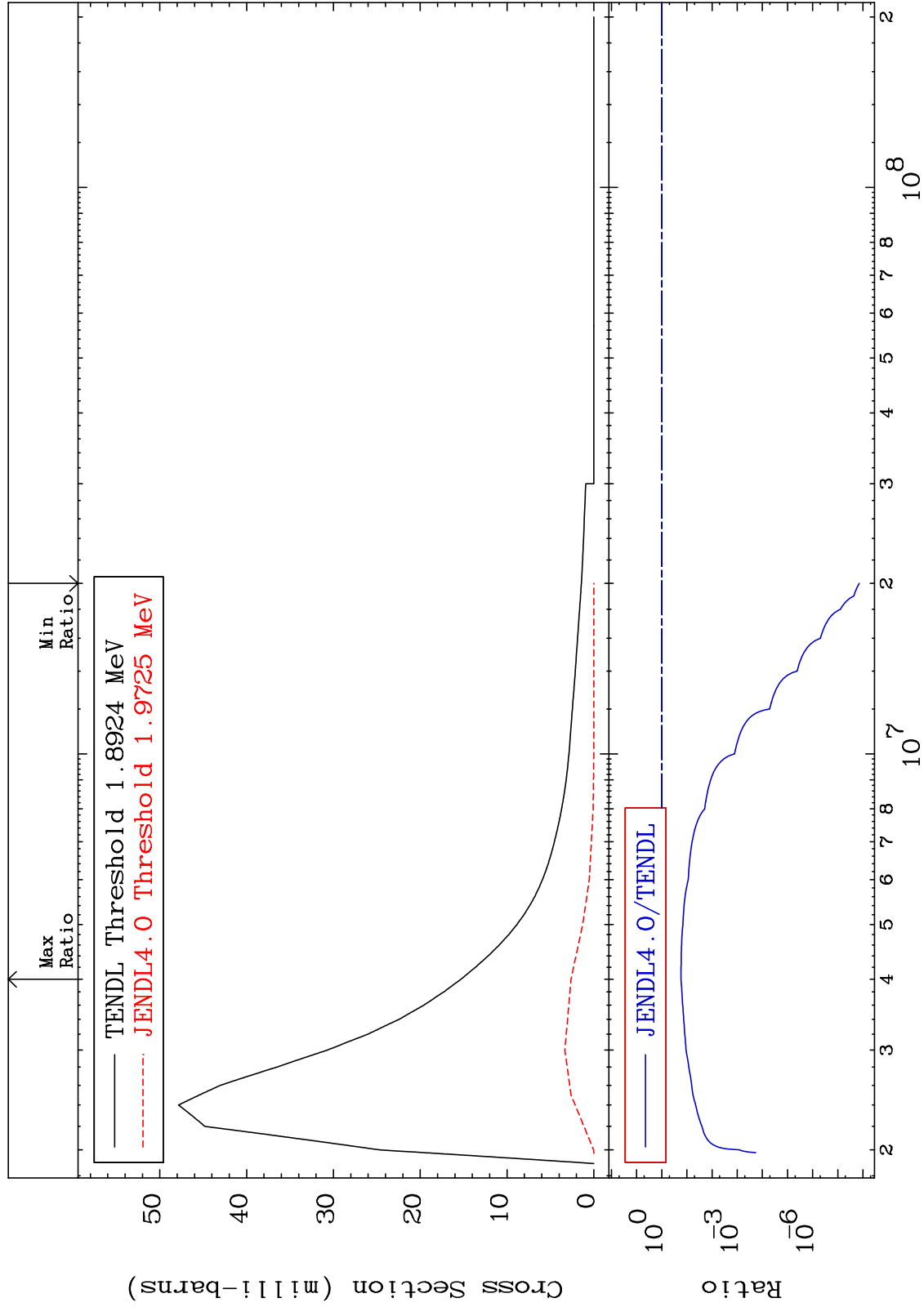
80-Hg-200
-71.18 To 955.1 %



MAT 8037

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

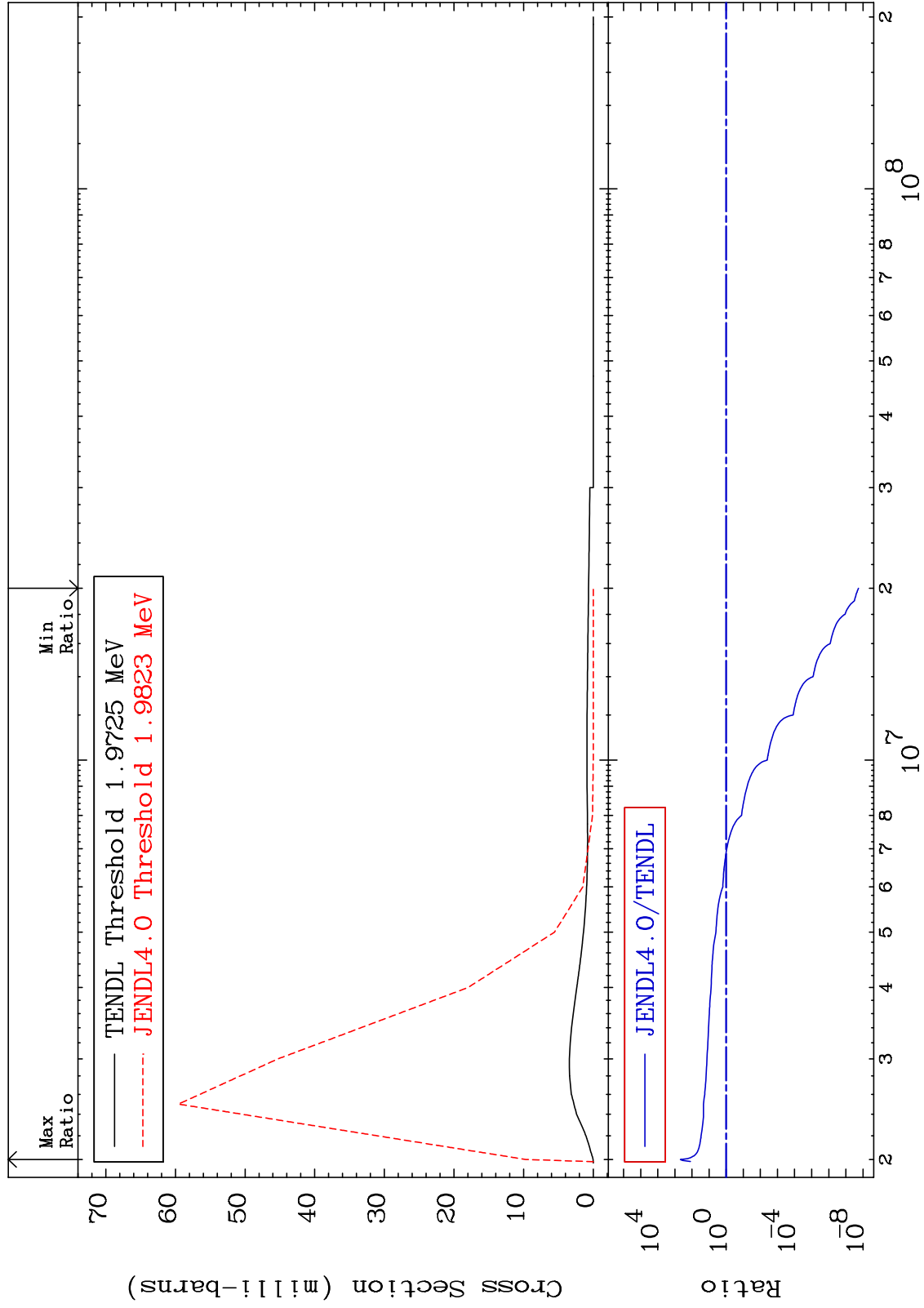
80-Hg-200
-100.0 To -82.88%



MAT 8037

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

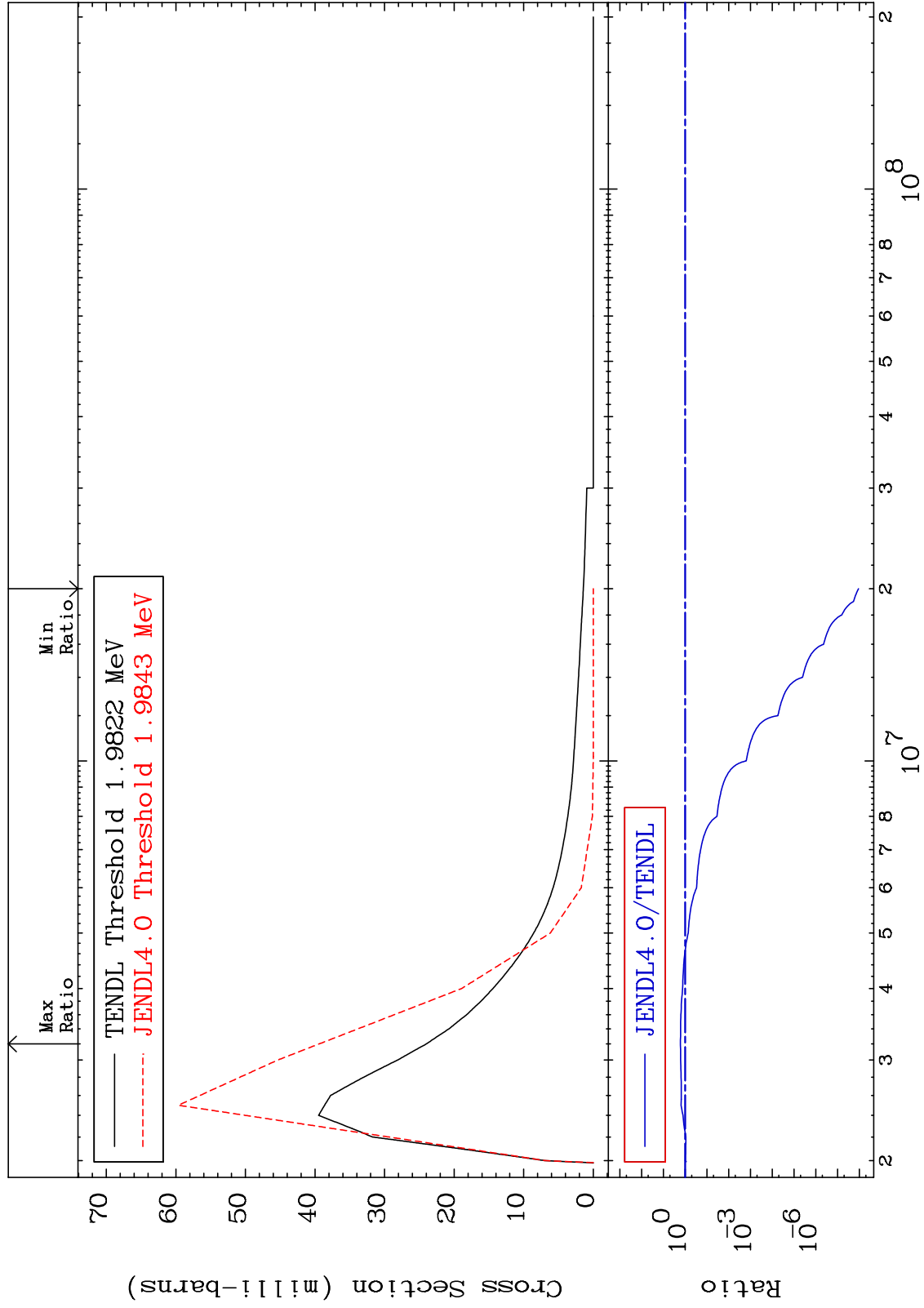
80-Hg-200
-100.0 To 9999. %



MAT 8037

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

80-Hg-200
-100.0 To 64.26 %



30

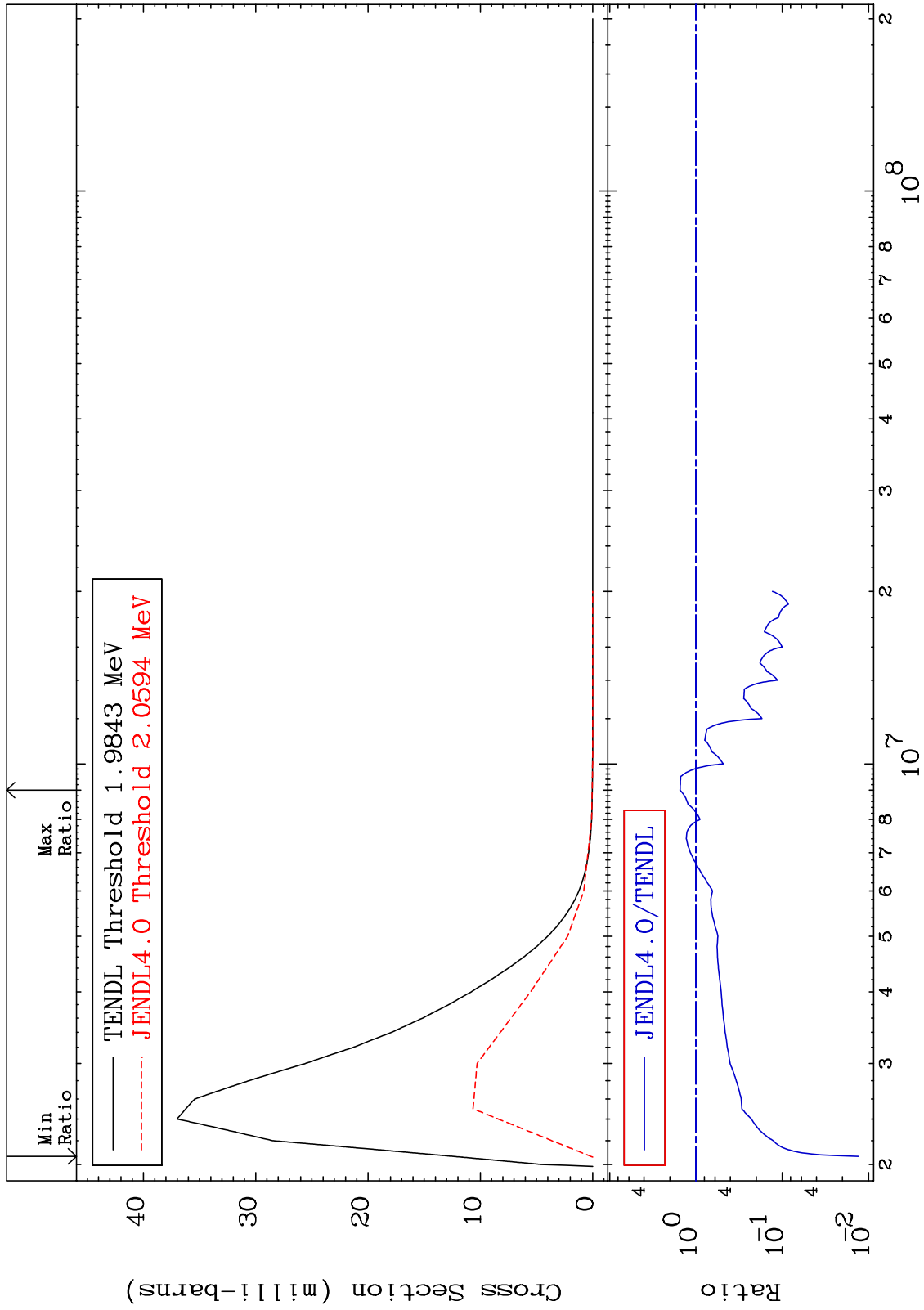
Incident Energy (eV)

80-Hg-200

MAT 8037

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

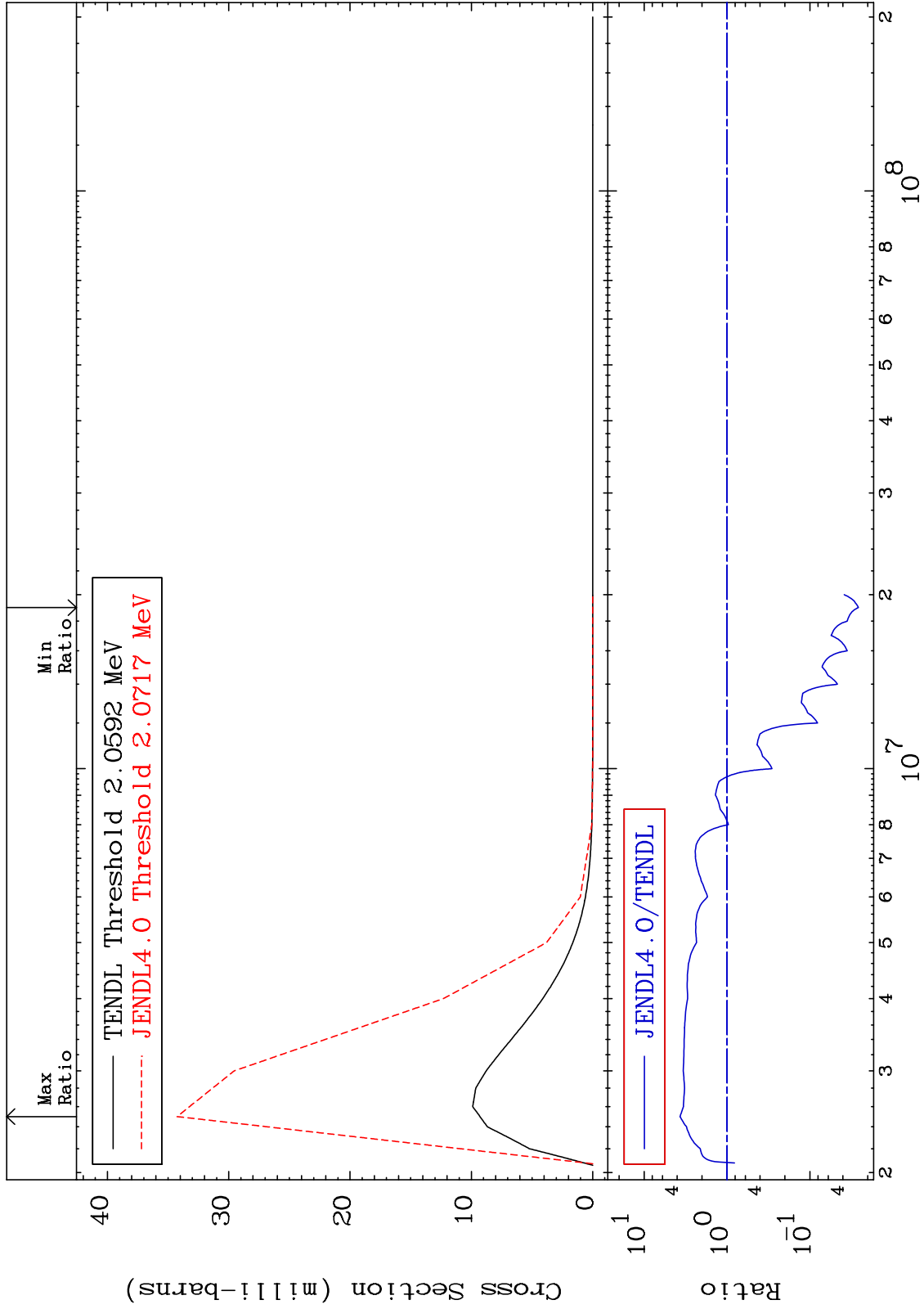
80-Hg-200
-98.69 To 52.97 %



MAT 8037

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

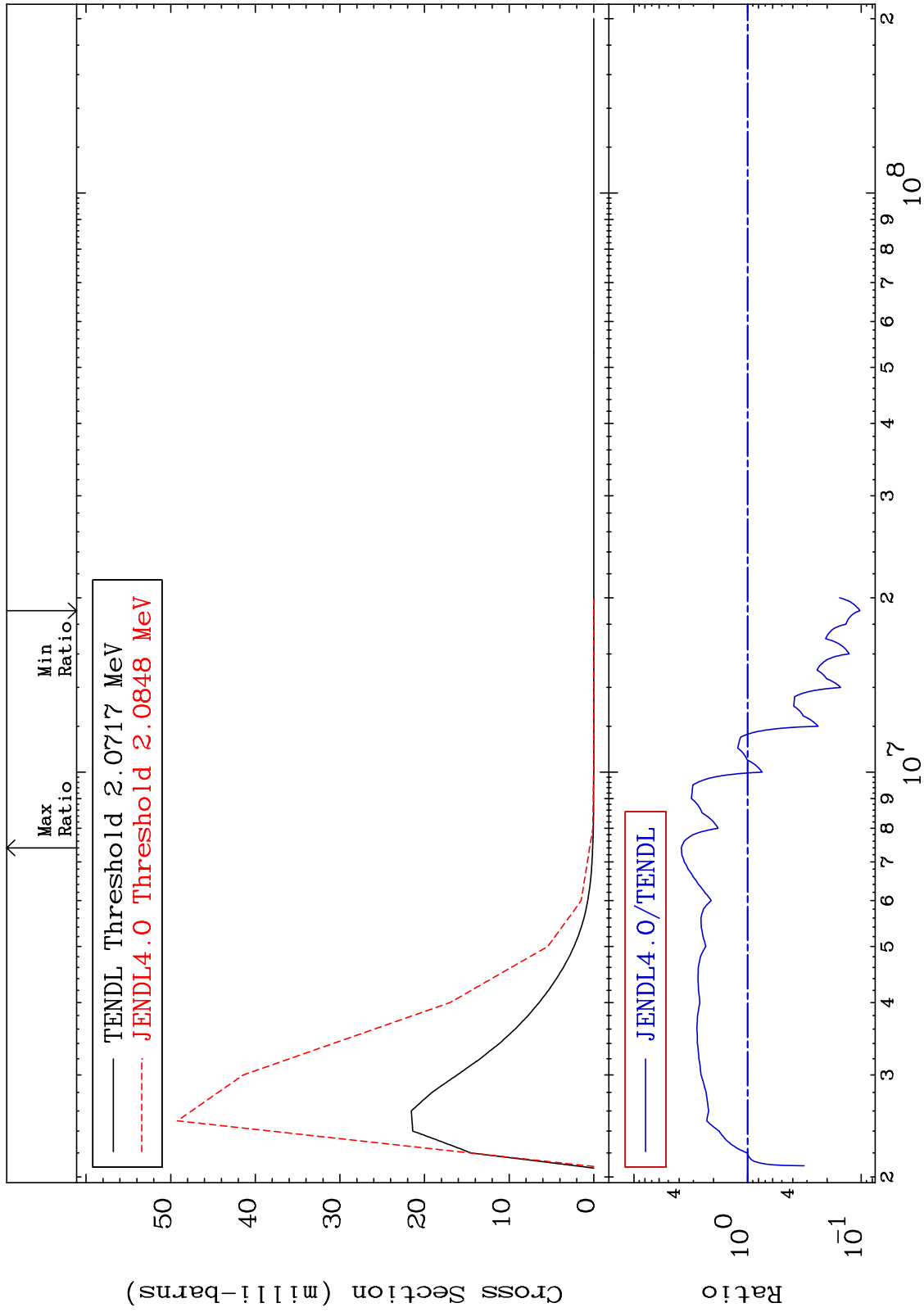
80-Hg-200
-97.40 To 268.9 %

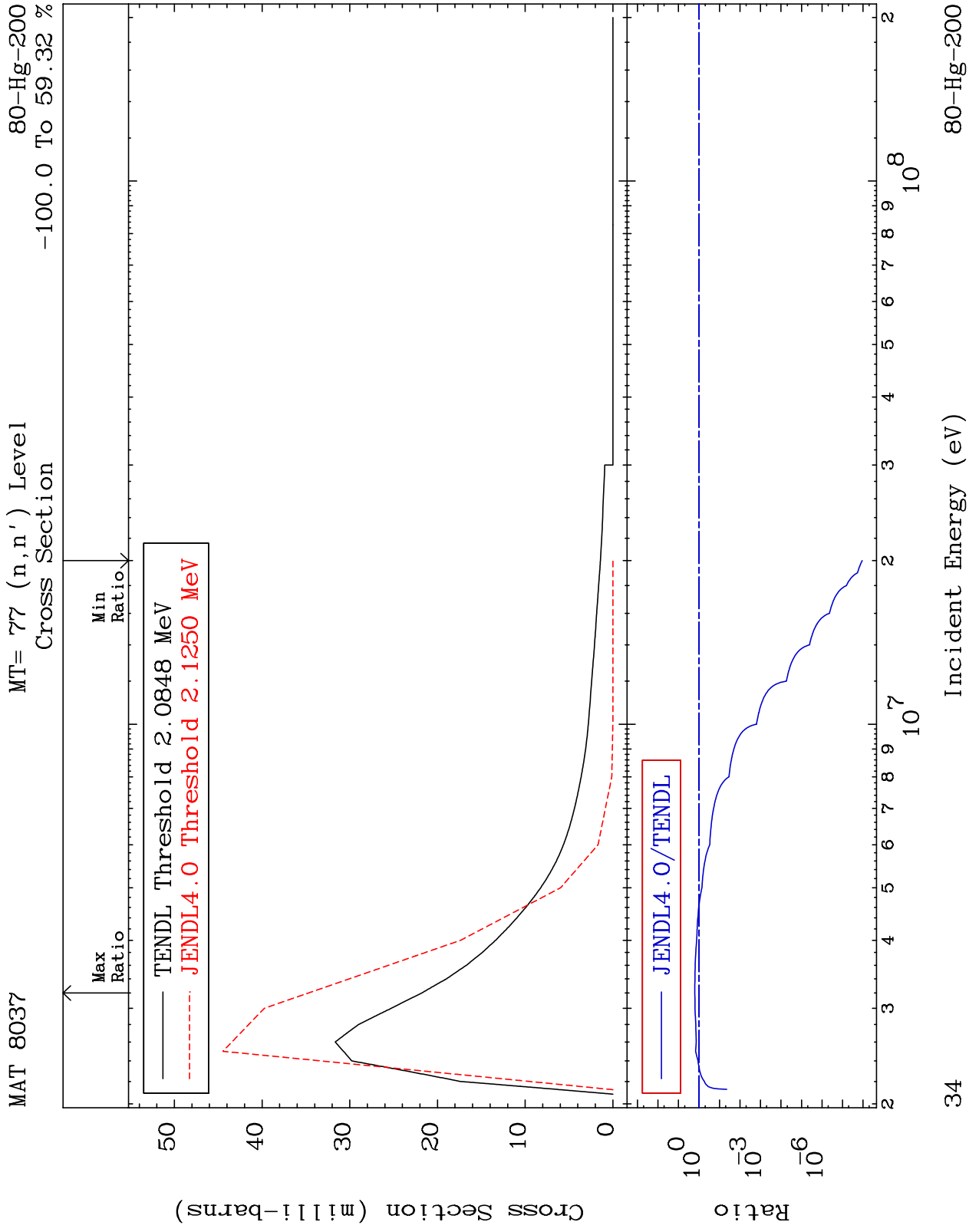


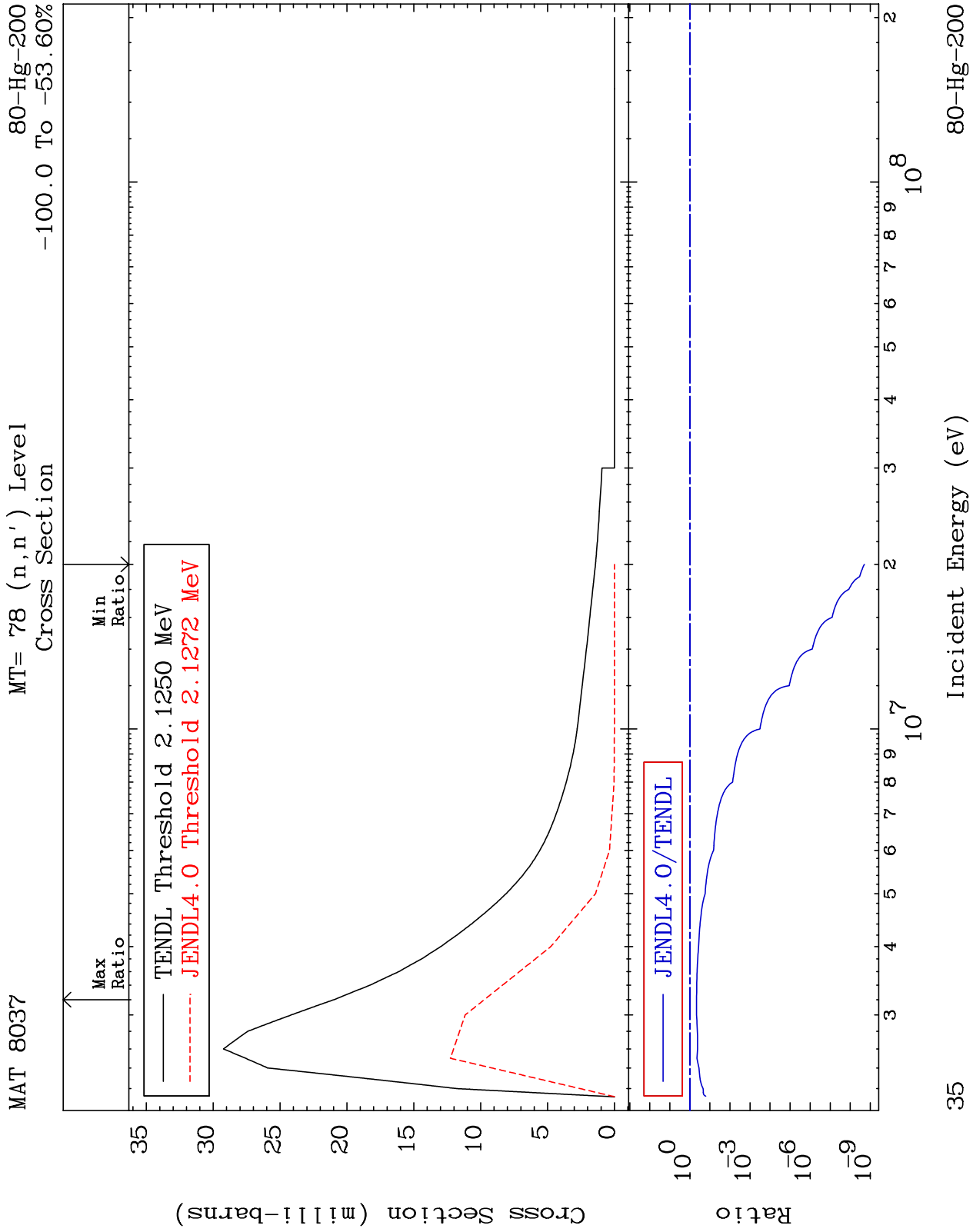
MAT 8037

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

80-Hg-200
-89.74 To 283.8 %



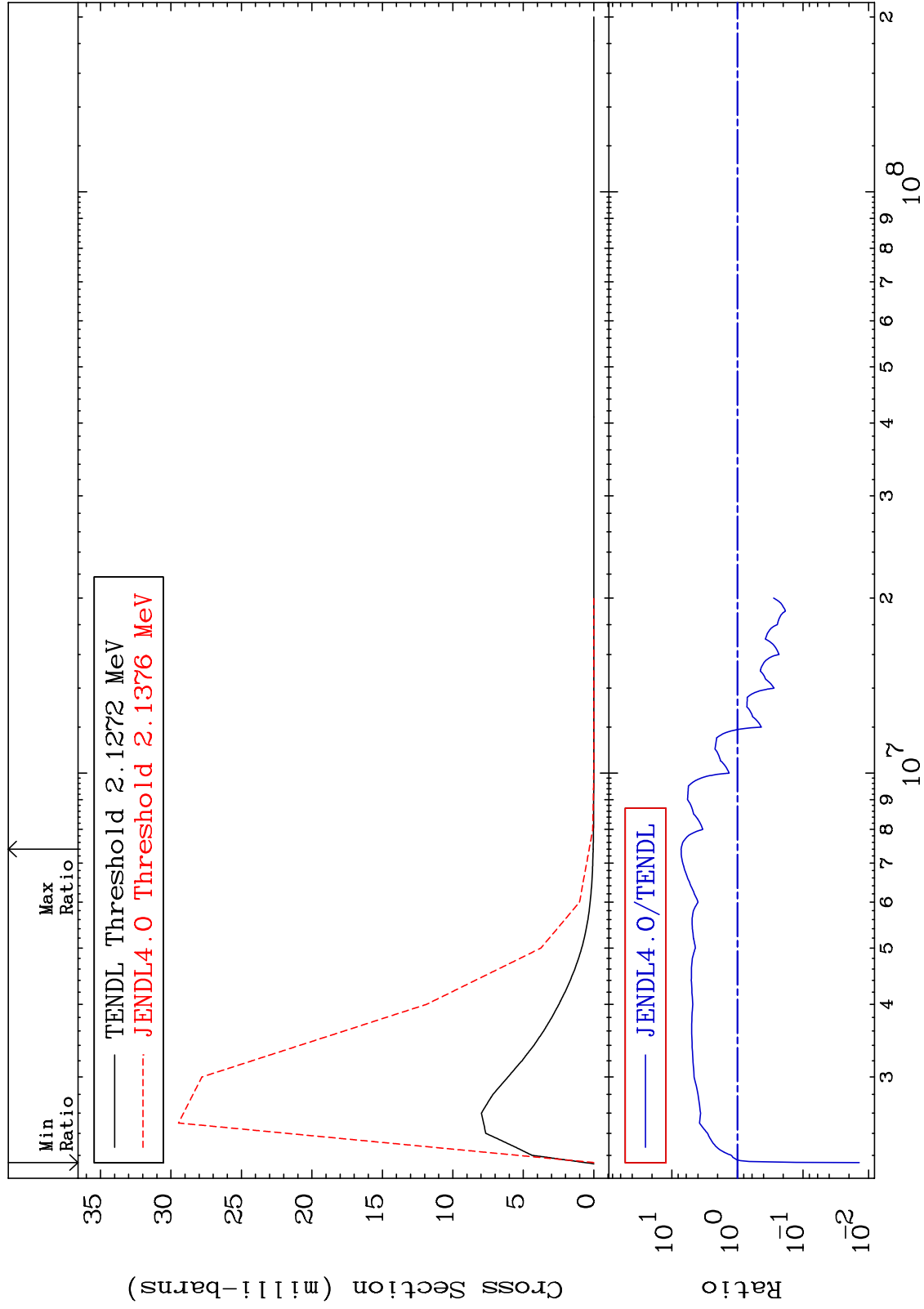




MAT 8037

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

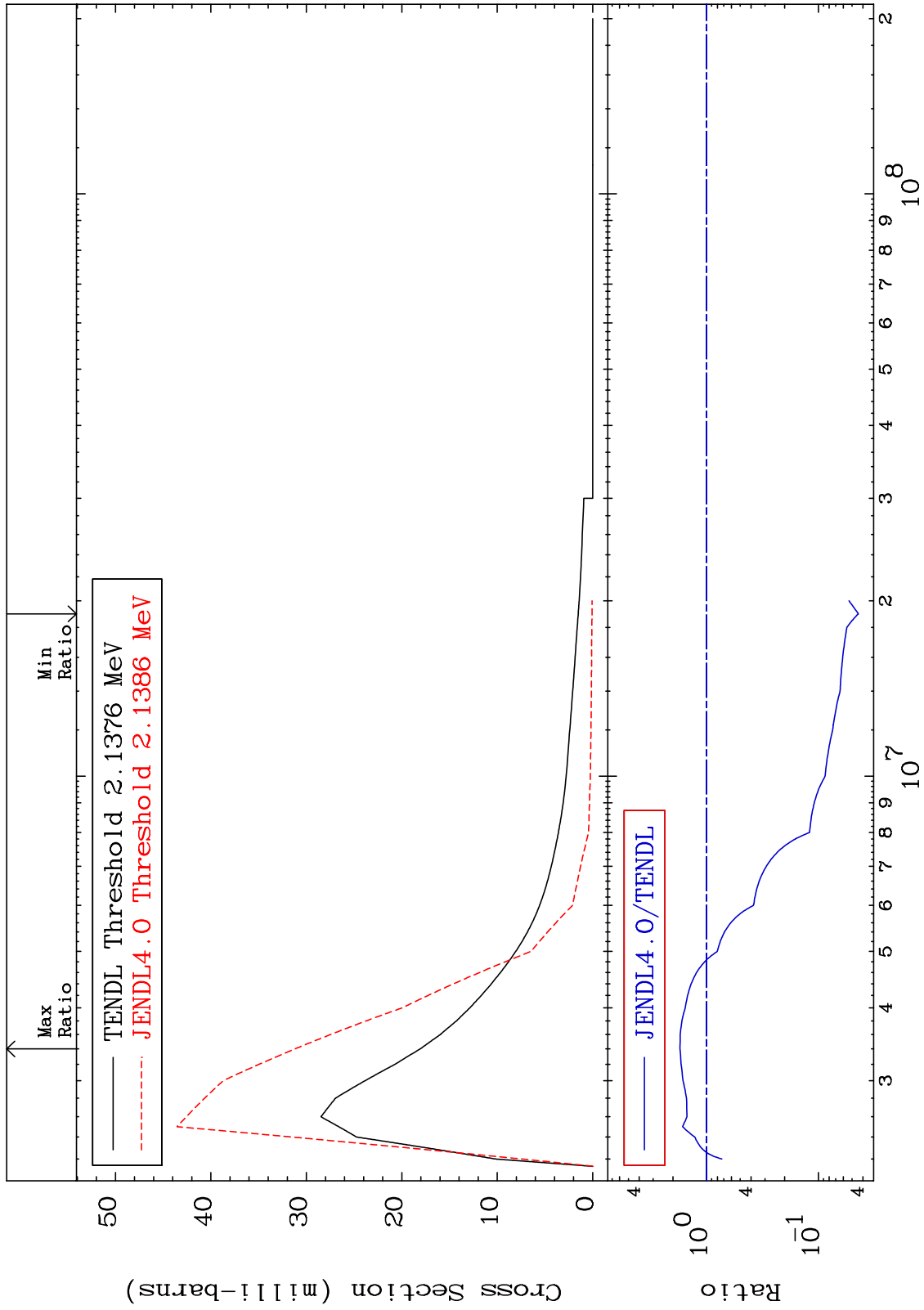
80-Hg-200
-98.61 To 621.7 %



MAT 8037

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

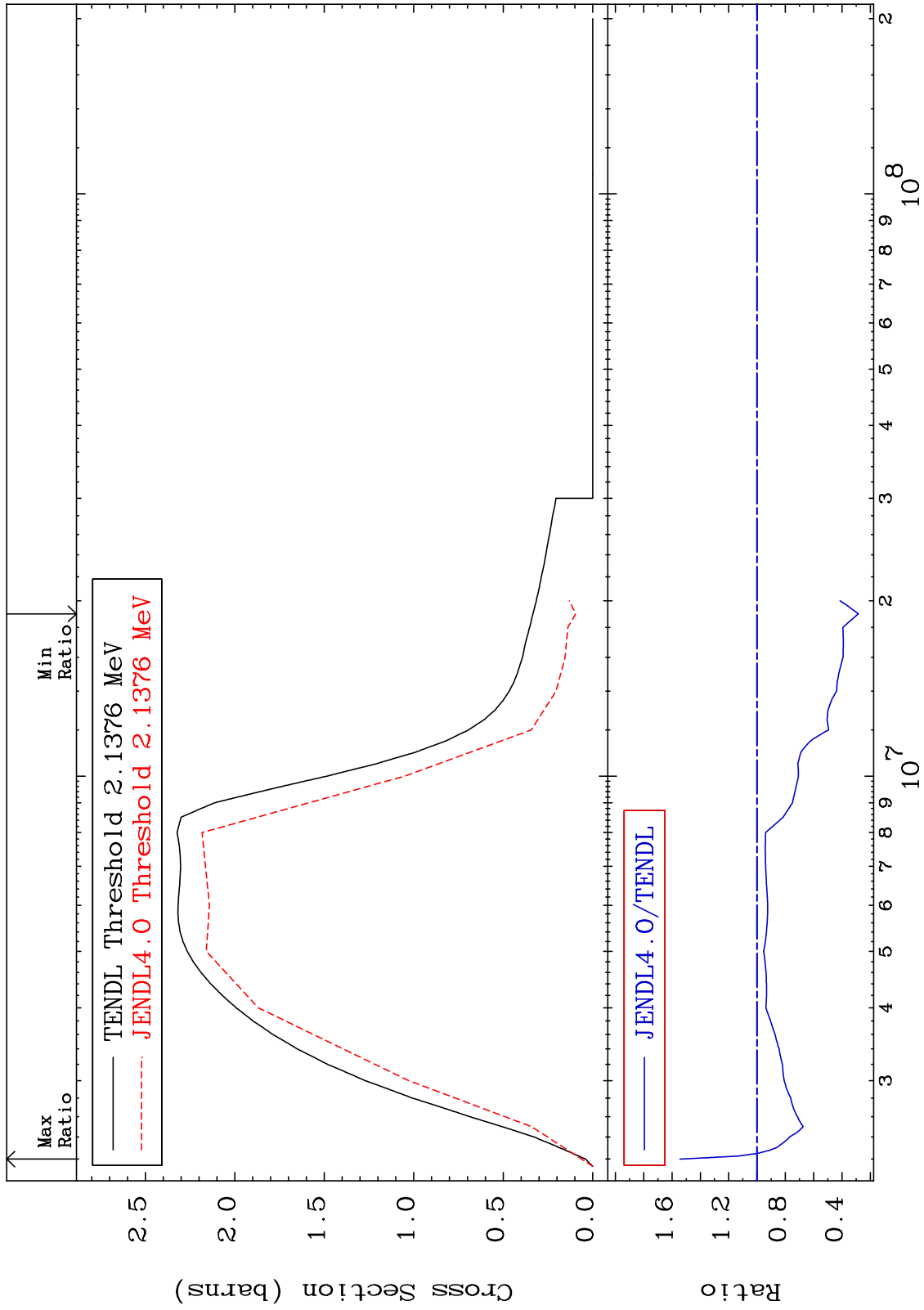
80-Hg-200
-95.61 To 72.67 %



MAT 8037

(n, n') Continuum
Cross Section

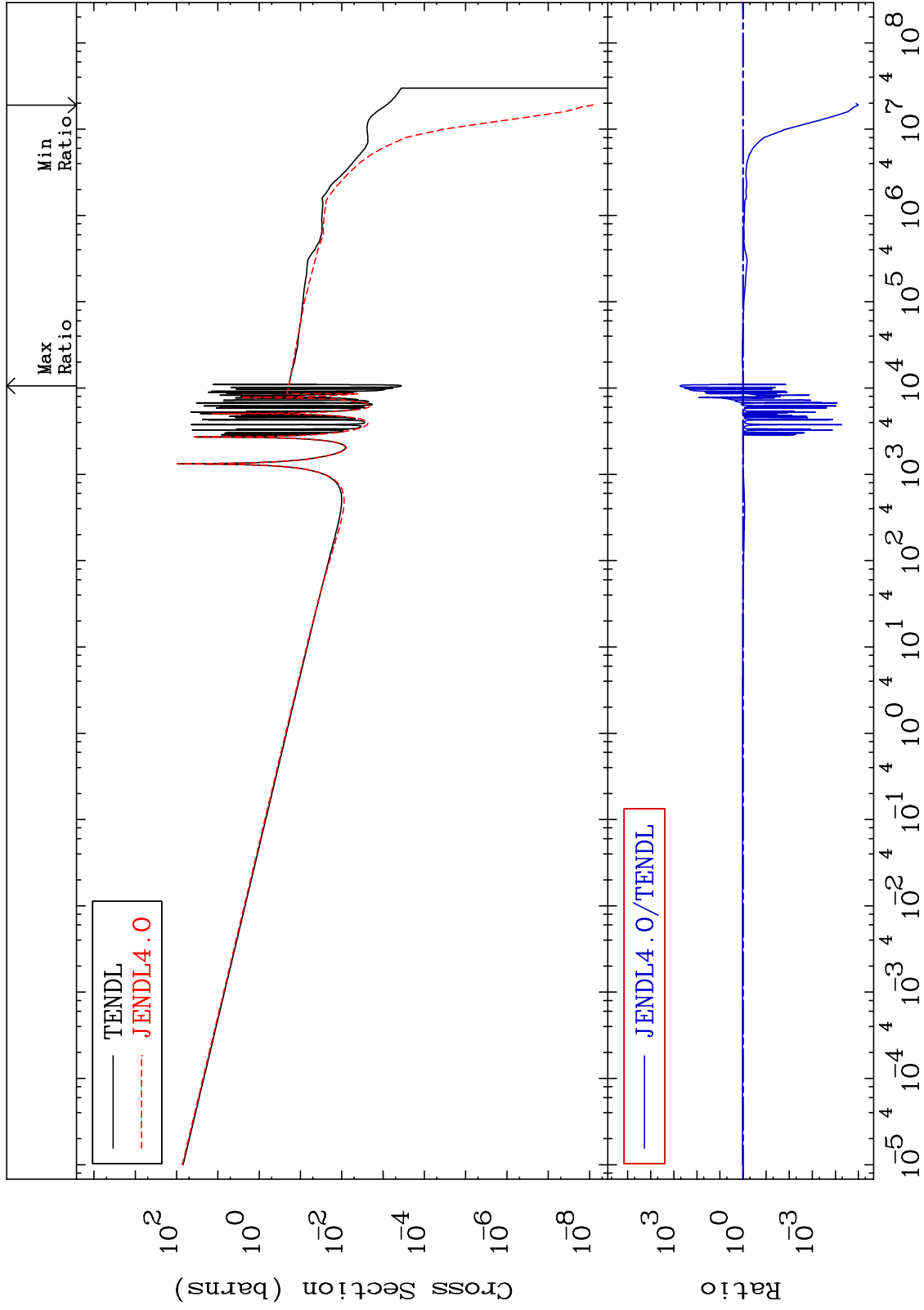
80-Hg-200
-71.53 To 54.34 %



MAT 8037

(n, γ)
Cross Section

80-Hg-200
-100.0 To 9999. %



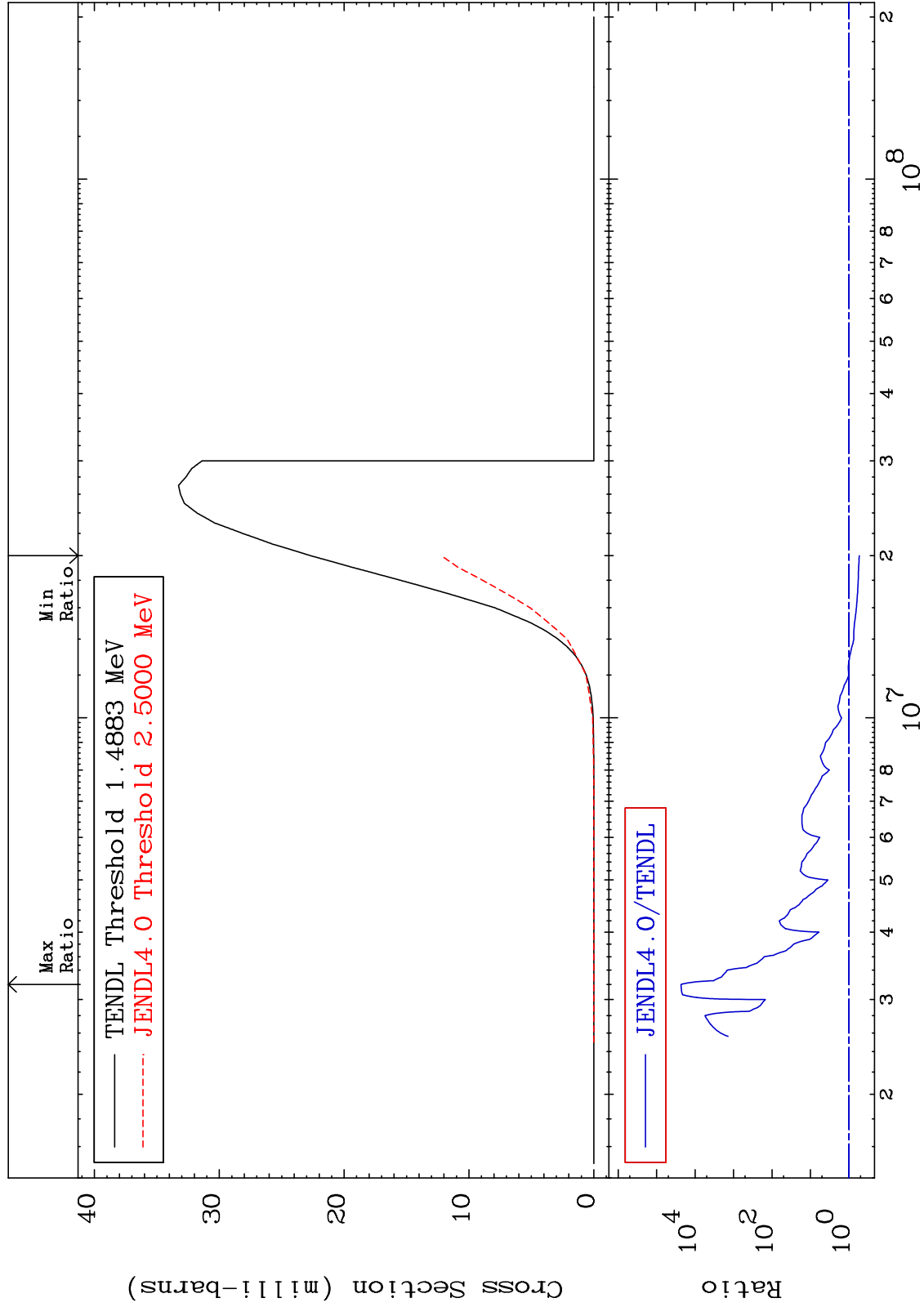
MAT 8037

(n, p)

80-Hg-200

Cross Section

-46.13 To 9999. %



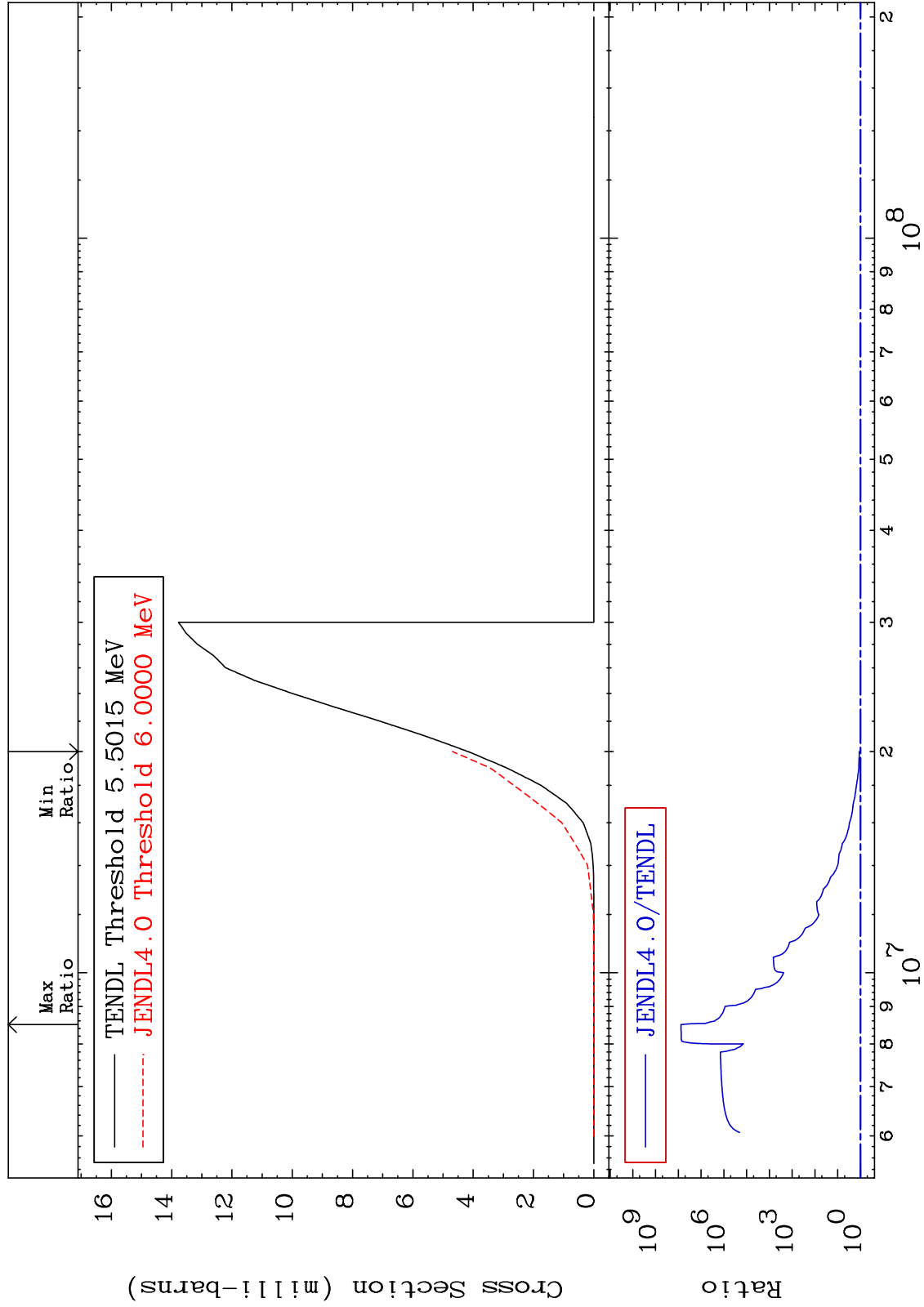
MAT 8037

(n, d)

80-Hg-200

Cross Section

12.42 To 9999. %



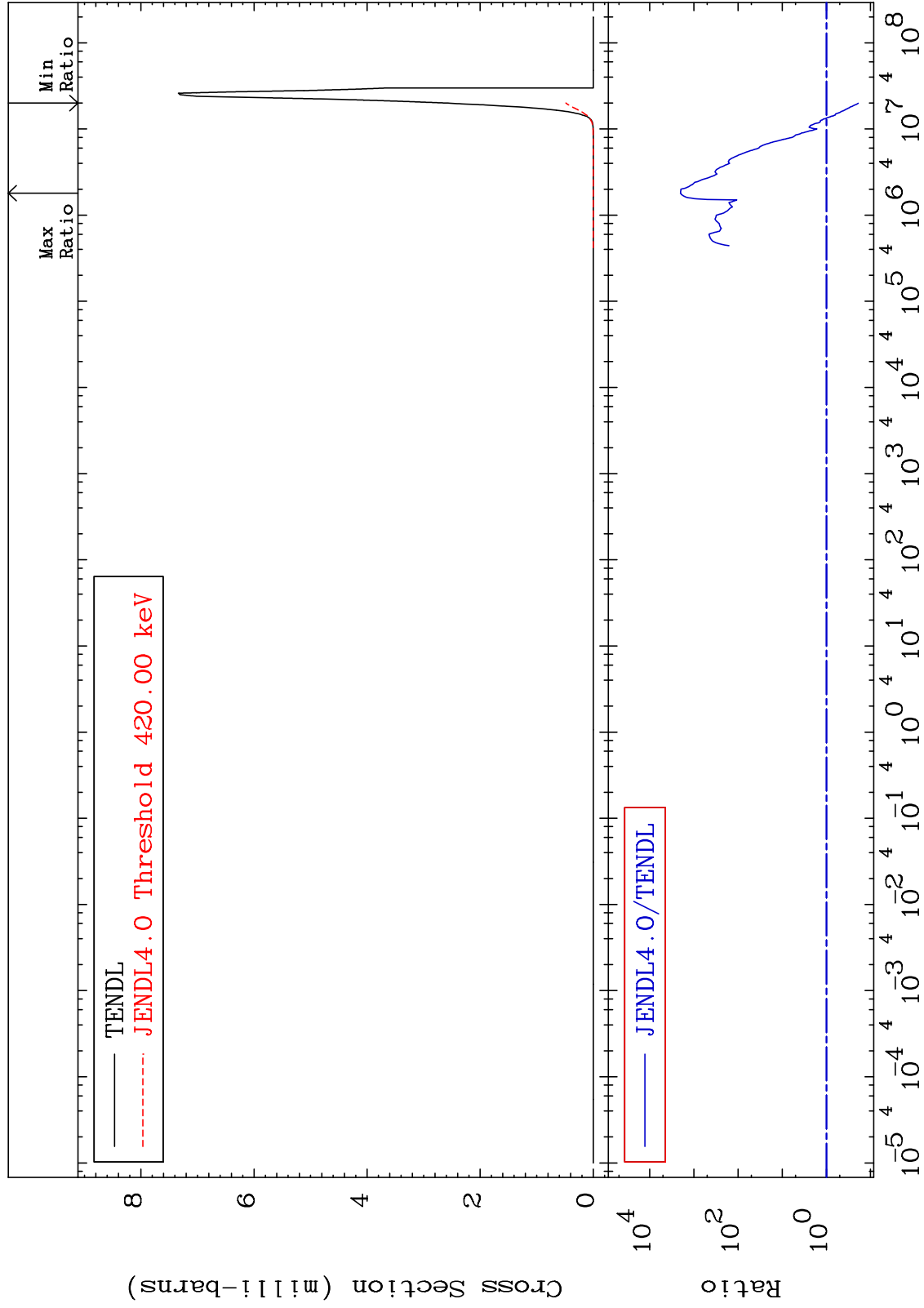
MAT 8037

(n, α)

Cross Section

80-Hg-200

-81.30 To 9999. %



42

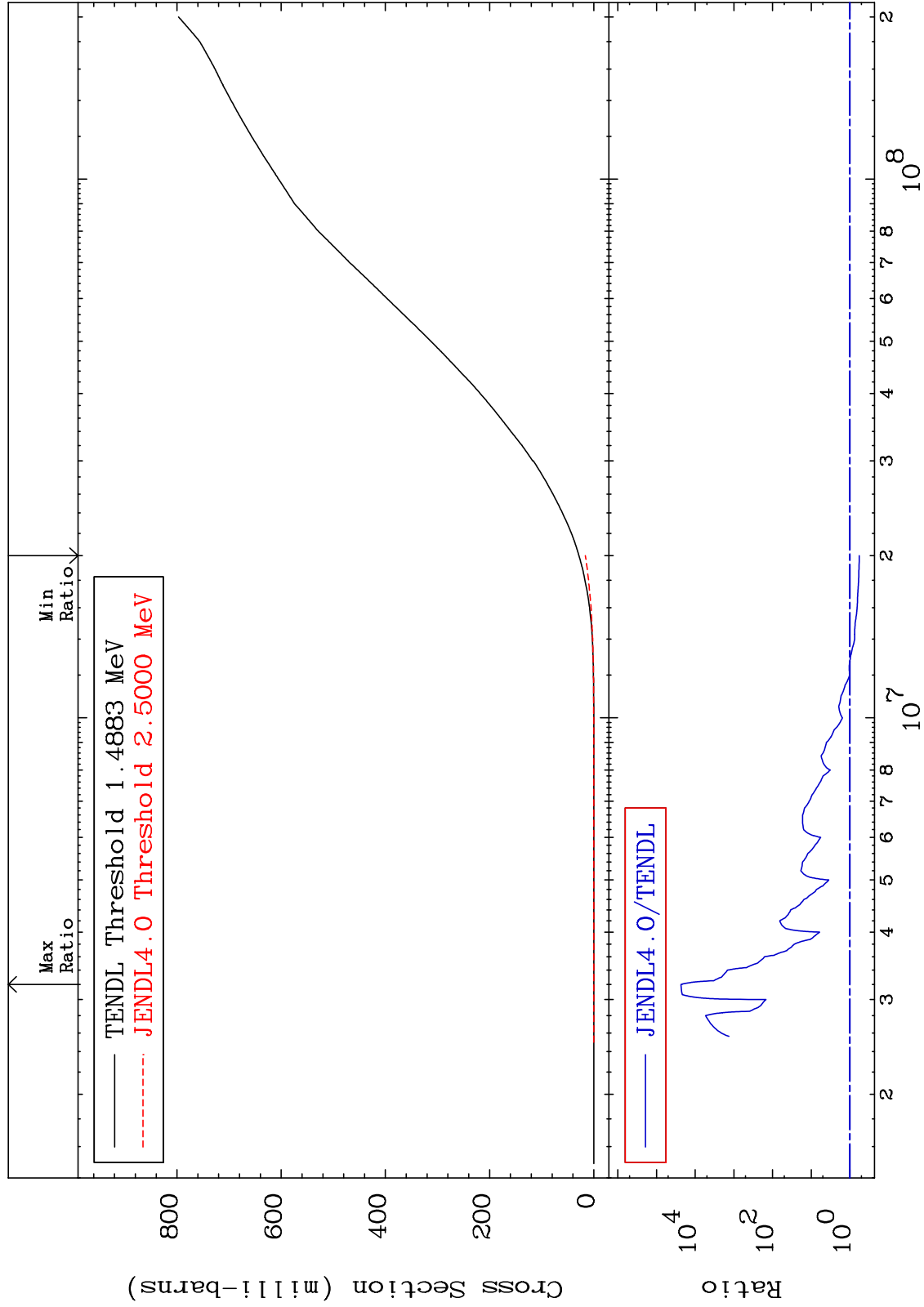
Incident Energy (eV)

80-Hg-200

MAT 8037

Hydrogen Production
Cross Section

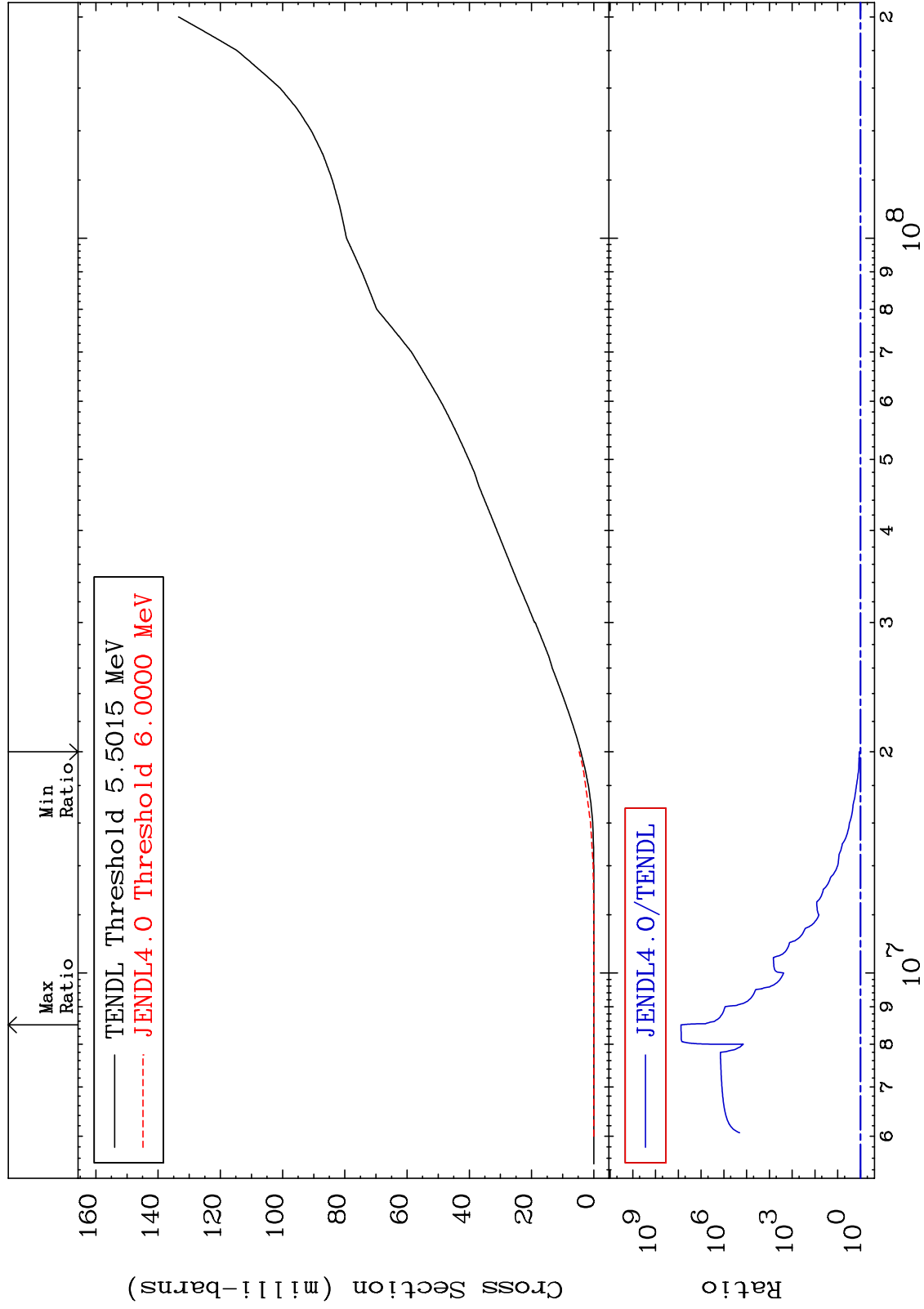
80-Hg-200
-42.94 To 9999. %



MAT 8037

Deuterium Production
Cross Section

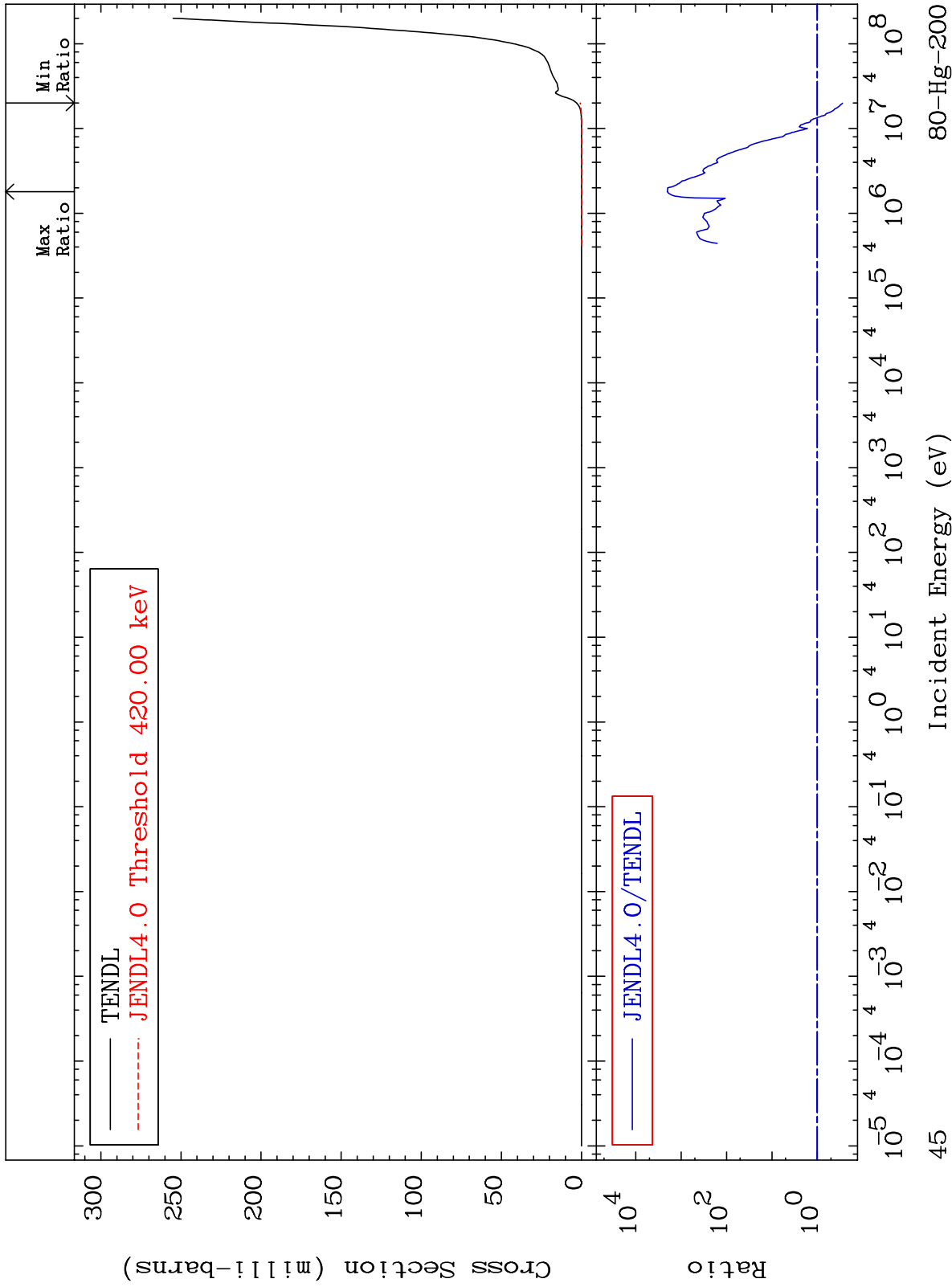
80-Hg-200
12.42 To 9999. %



MAT 8037

He-4 Production
Cross Section

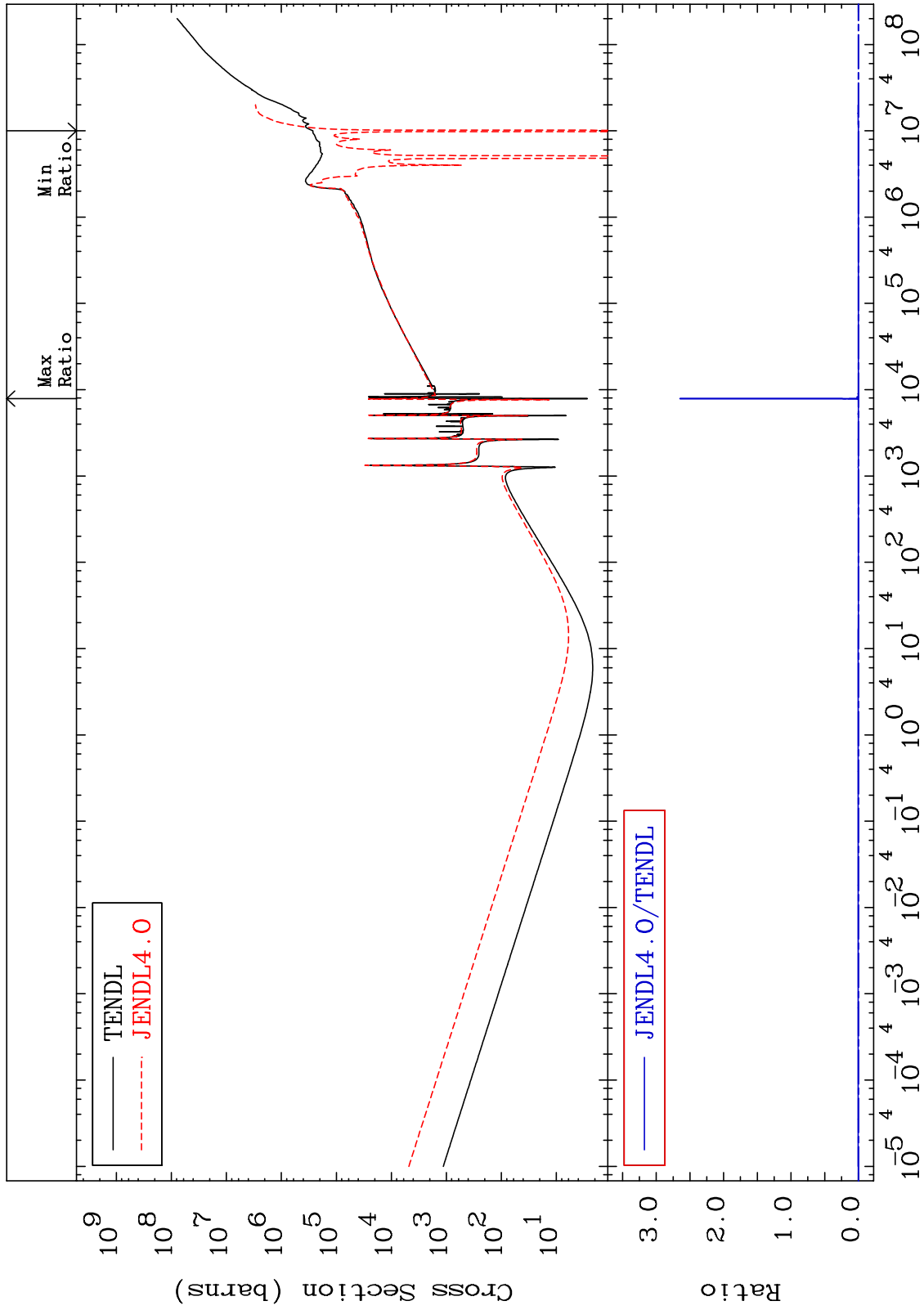
80-Hg-200
-72.24 To 9999. %



MAT 8037

Kerma total (eV-barns)
Cross Section

80-Hg-200
-120.6 To 9999. %



46

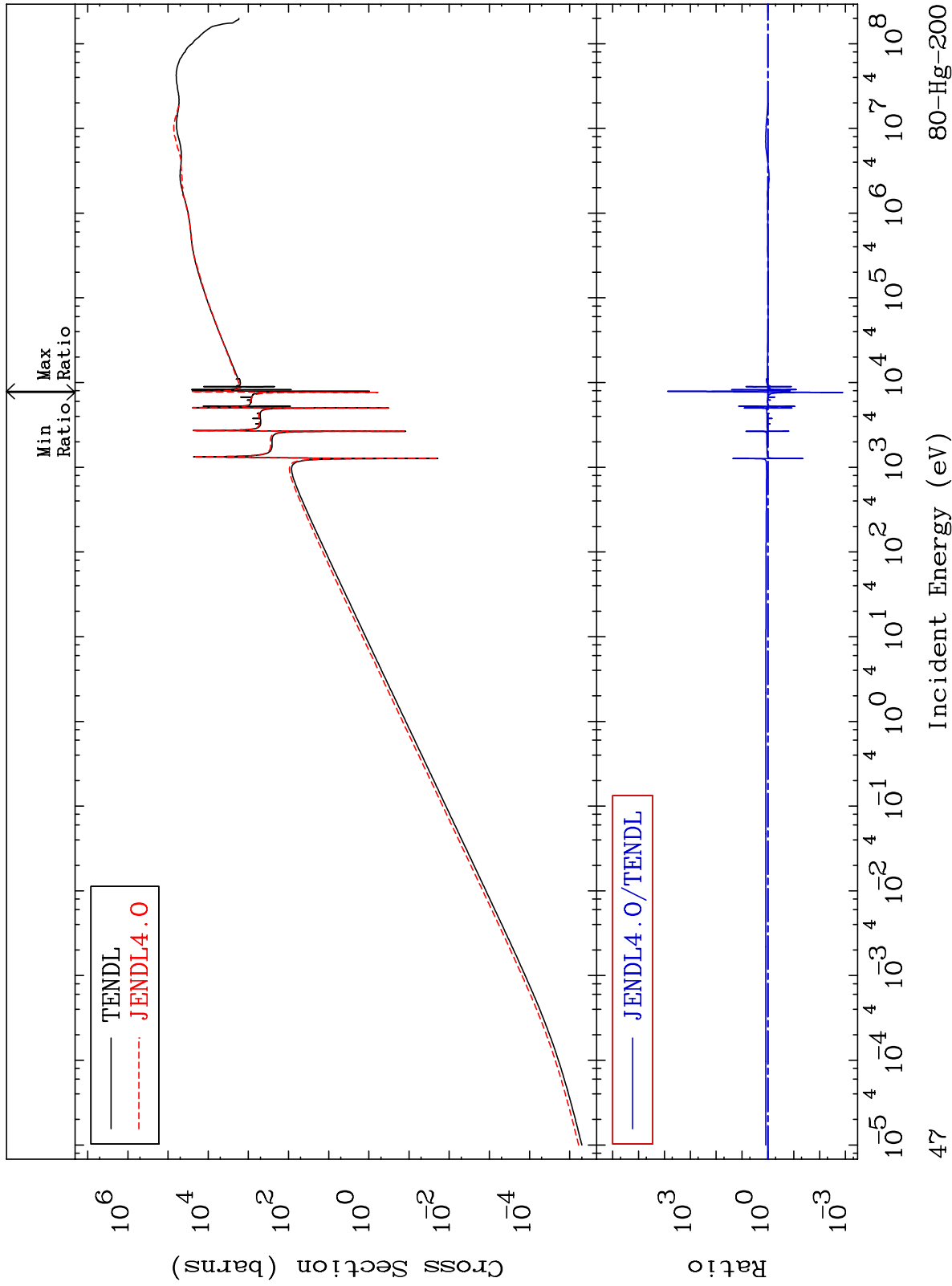
Incident Energy (eV)

80-Hg-200

MAT 8037

Kerma elastic
Cross Section

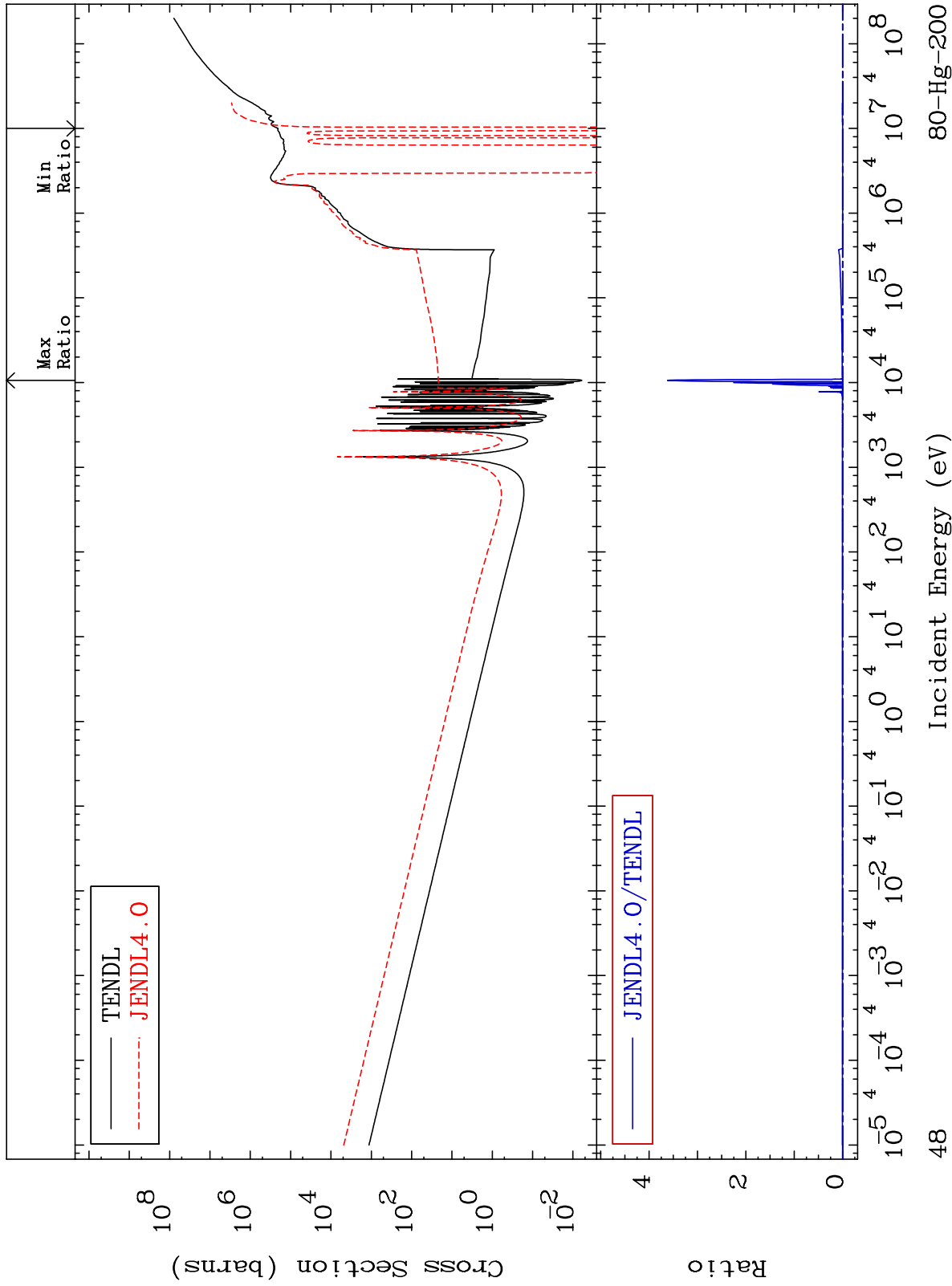
80-Hg-200
-99.87 To 9999. %



MAT 8037

Kerma non-elastic (all but mt2)
Cross Section

80-Hg-200
-161.7 To 9999. %



48

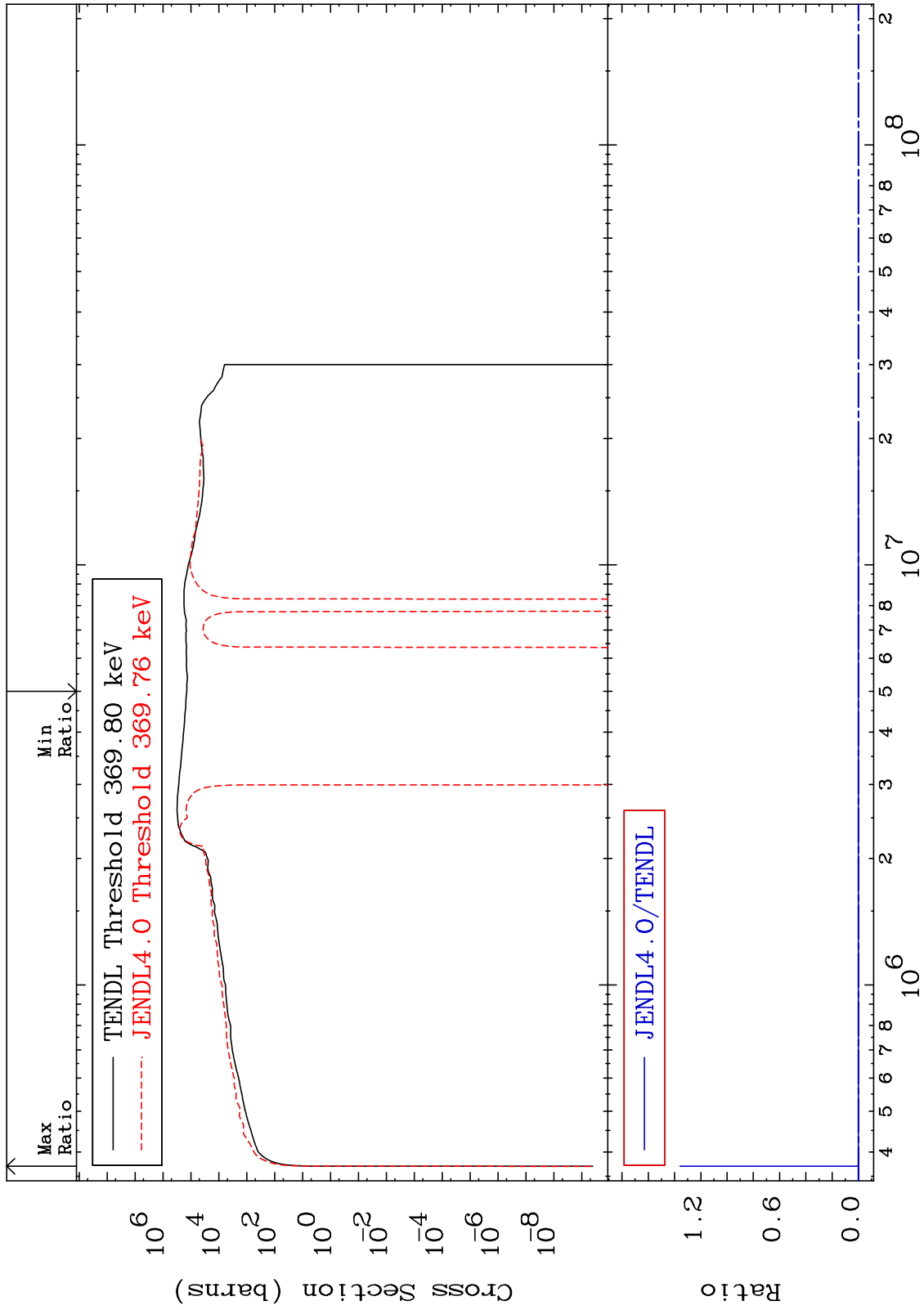
Incident Energy (eV)

80-Hg-200

MAT 8037

Kerma inelastic (mt51-91)
Cross Section

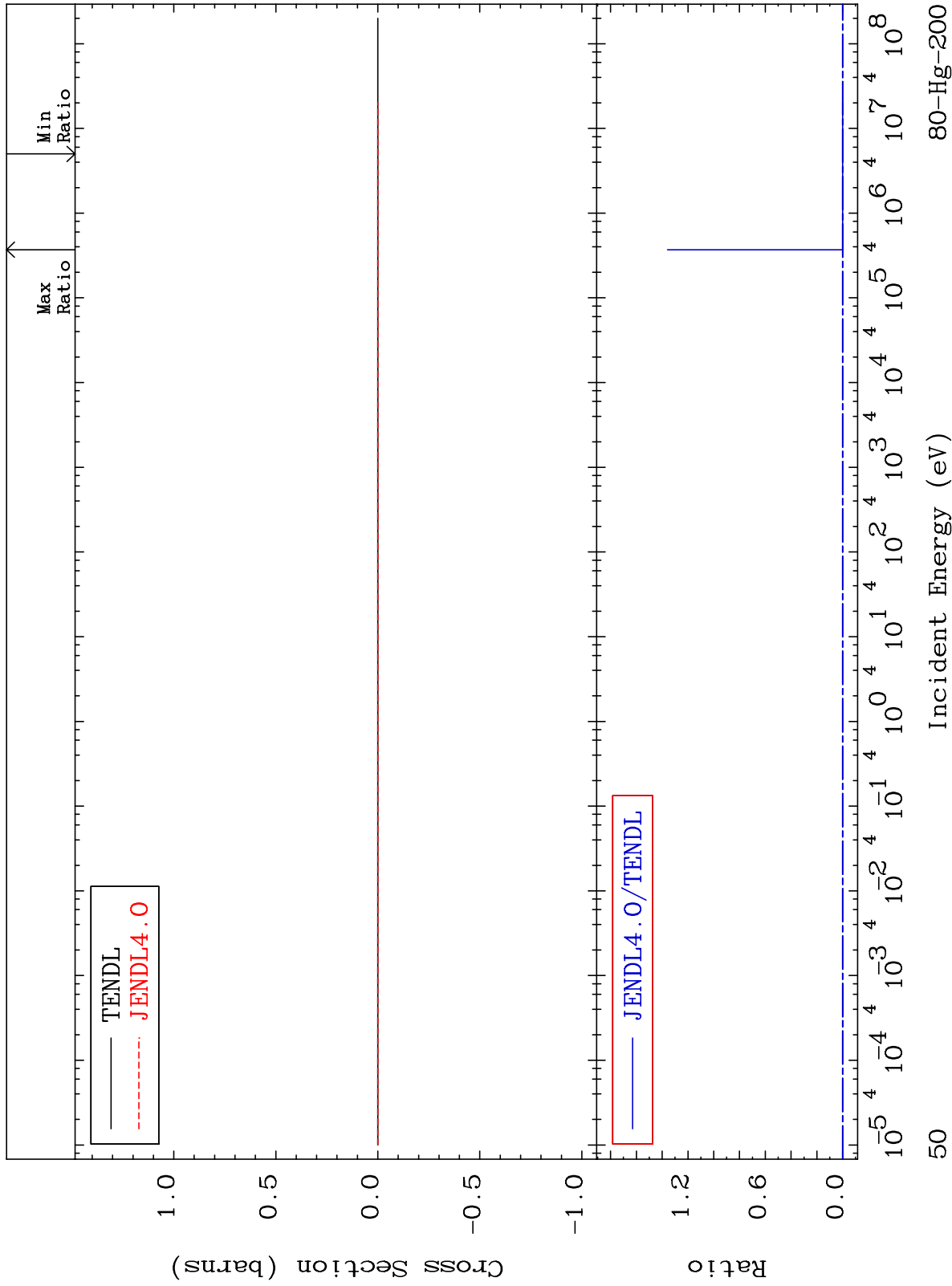
80-Hg-200
-146.1 To 9999. %



MAT 8037

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

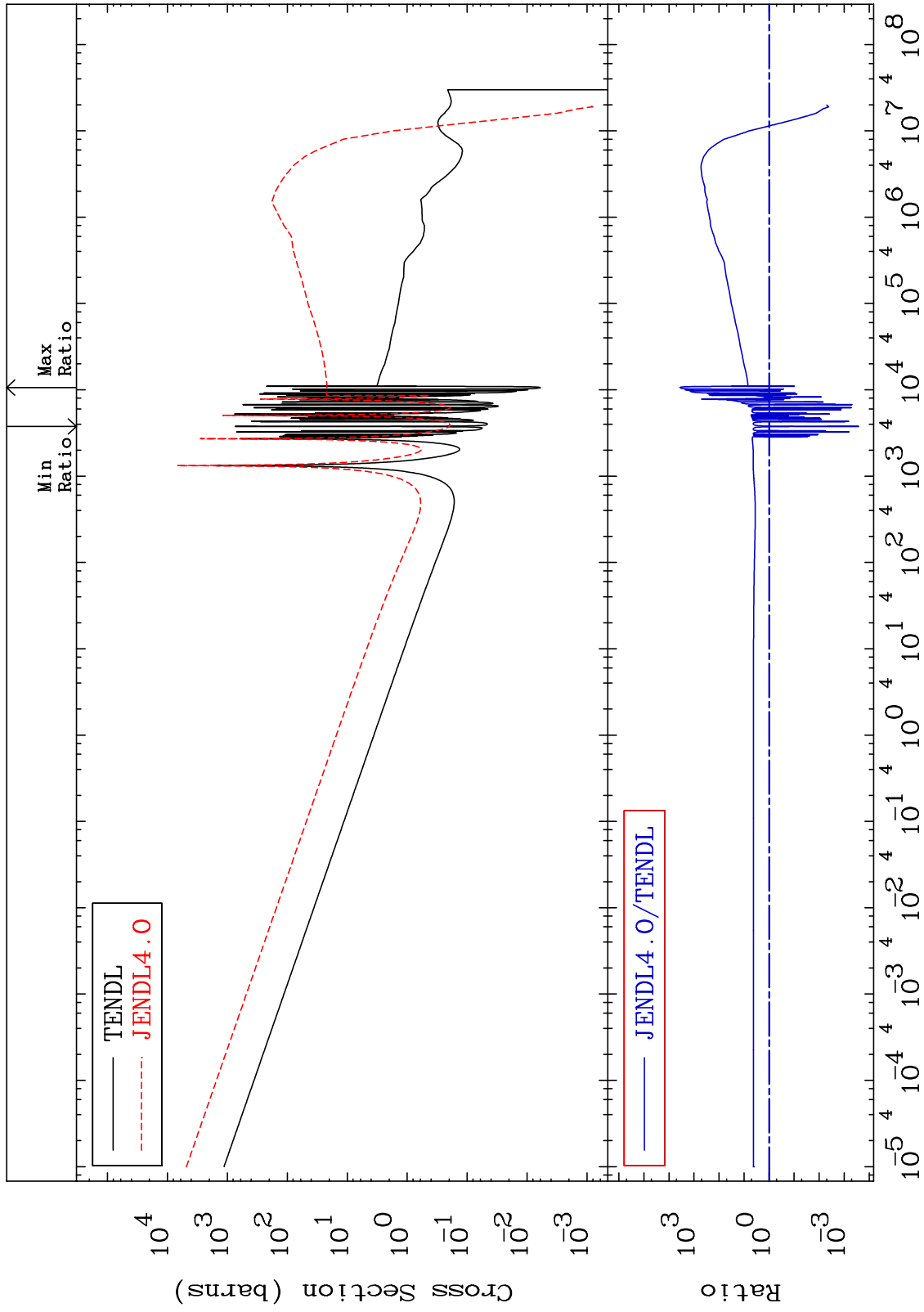
80-Hg-200
-146.1 To 9999. %



MAT 8037

Kerma capture (mt102)
Cross Section

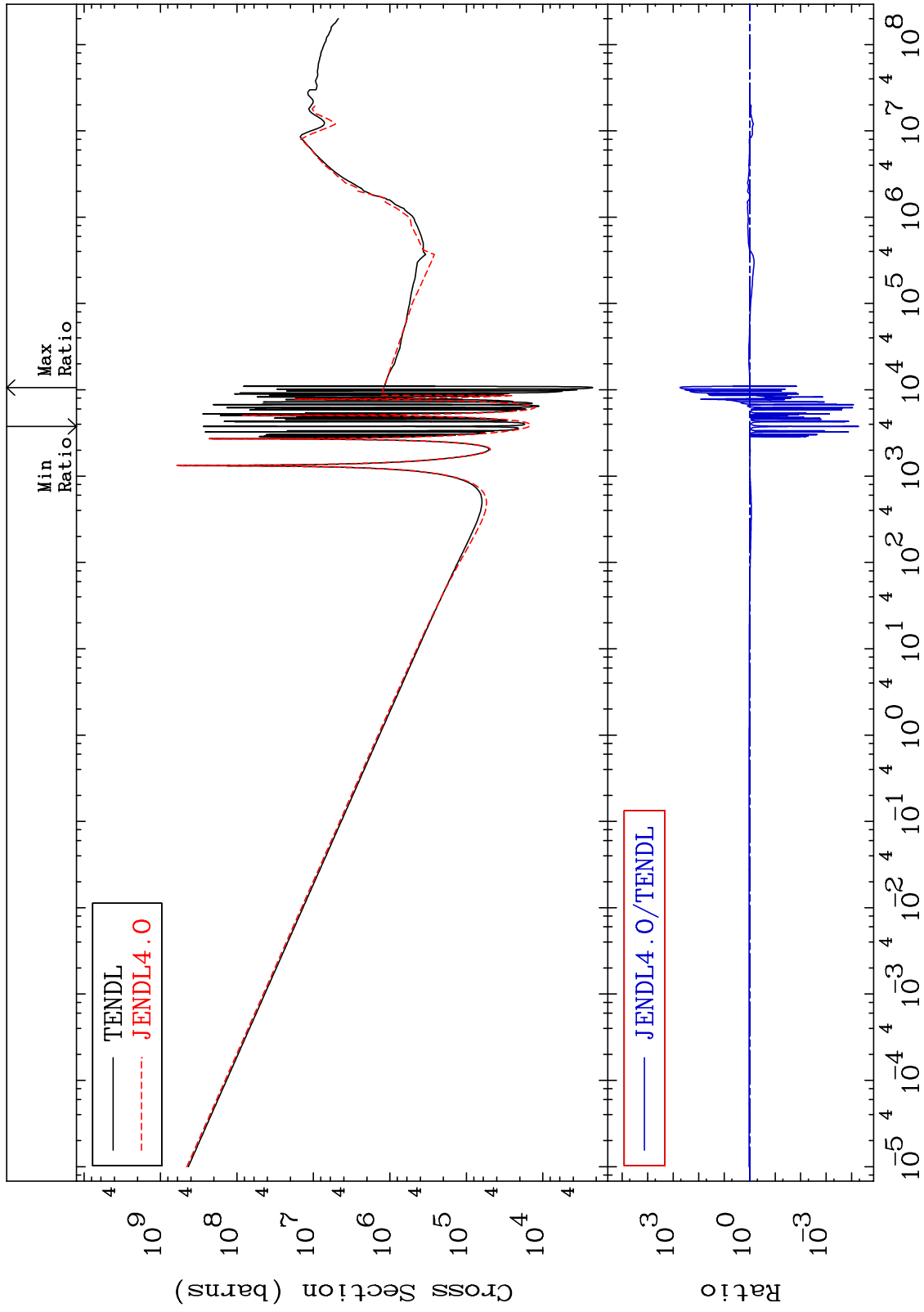
80-Hg-200
-99.97 To 9999. %



MAT 8037

Total photon (eV-barns)
Cross Section

80-Hg-200
-99.99 To 9999. %



52

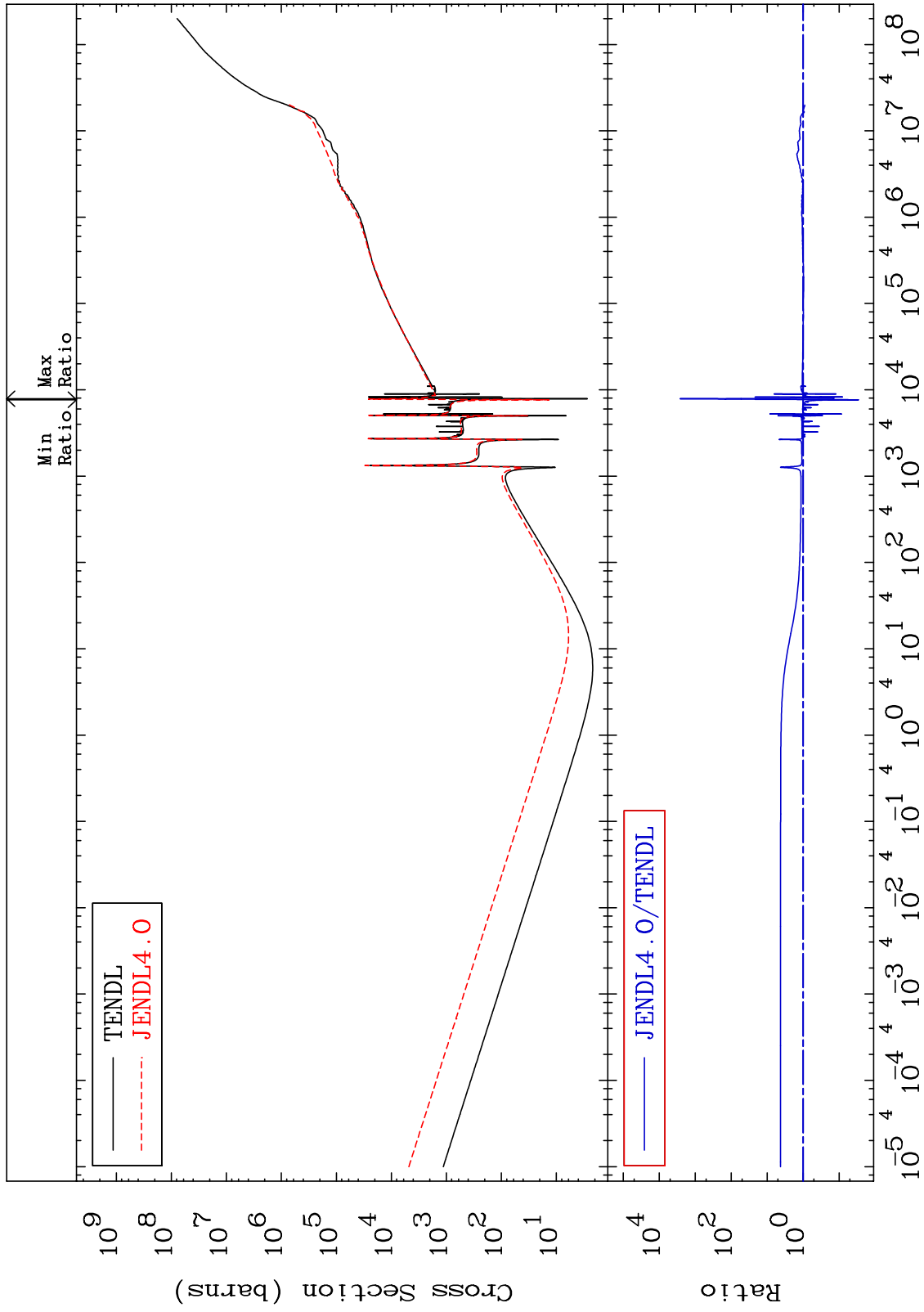
Incident Energy (eV)

80-Hg-200

MAT 8037

Total kinematic kerma (high limit)
Cross Section

80-Hg-200
-97.10 To 9999. %



53

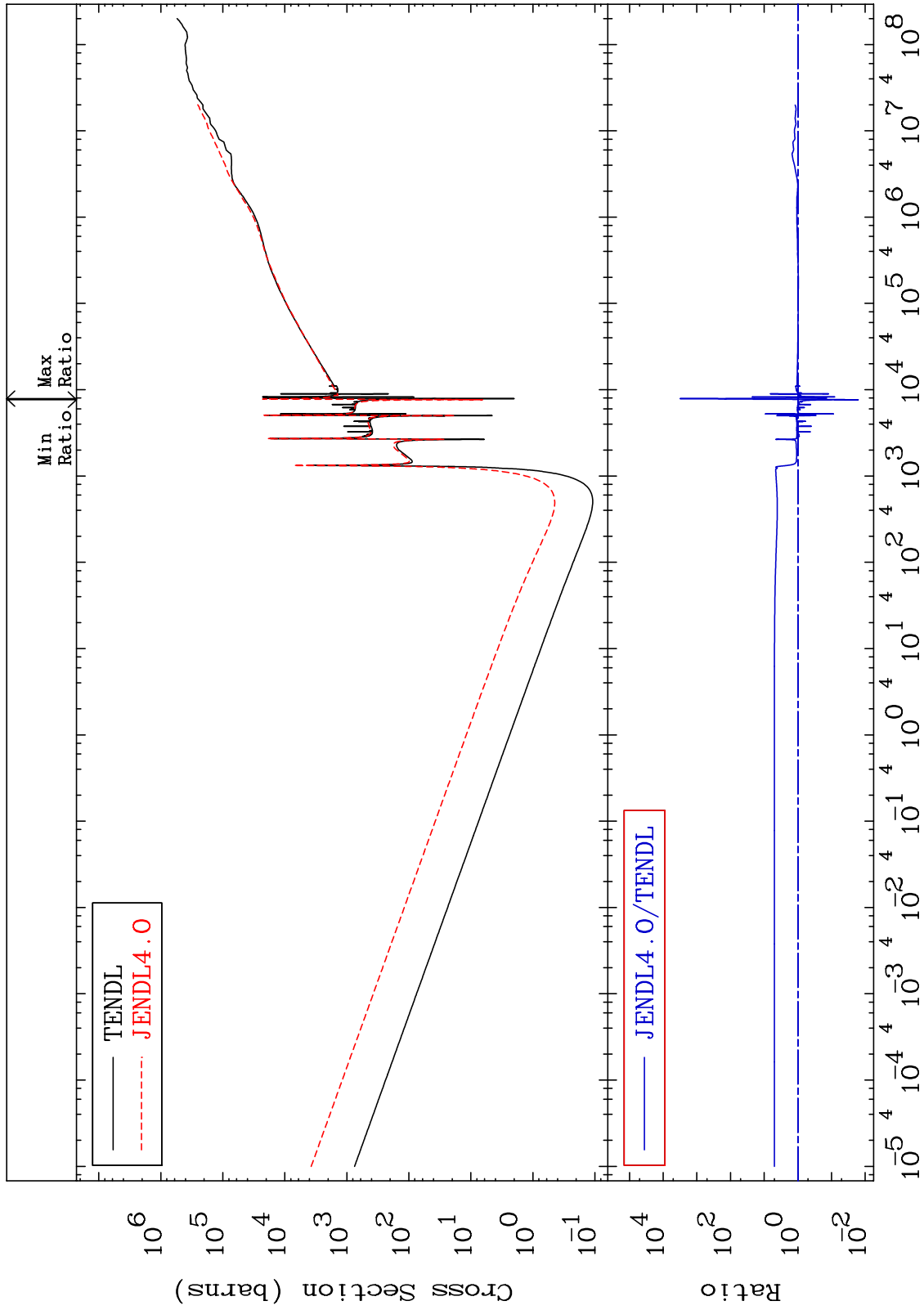
Incident Energy (eV)

80-Hg-200

MAT 8037

Dpa total (eV-barns)
Cross Section

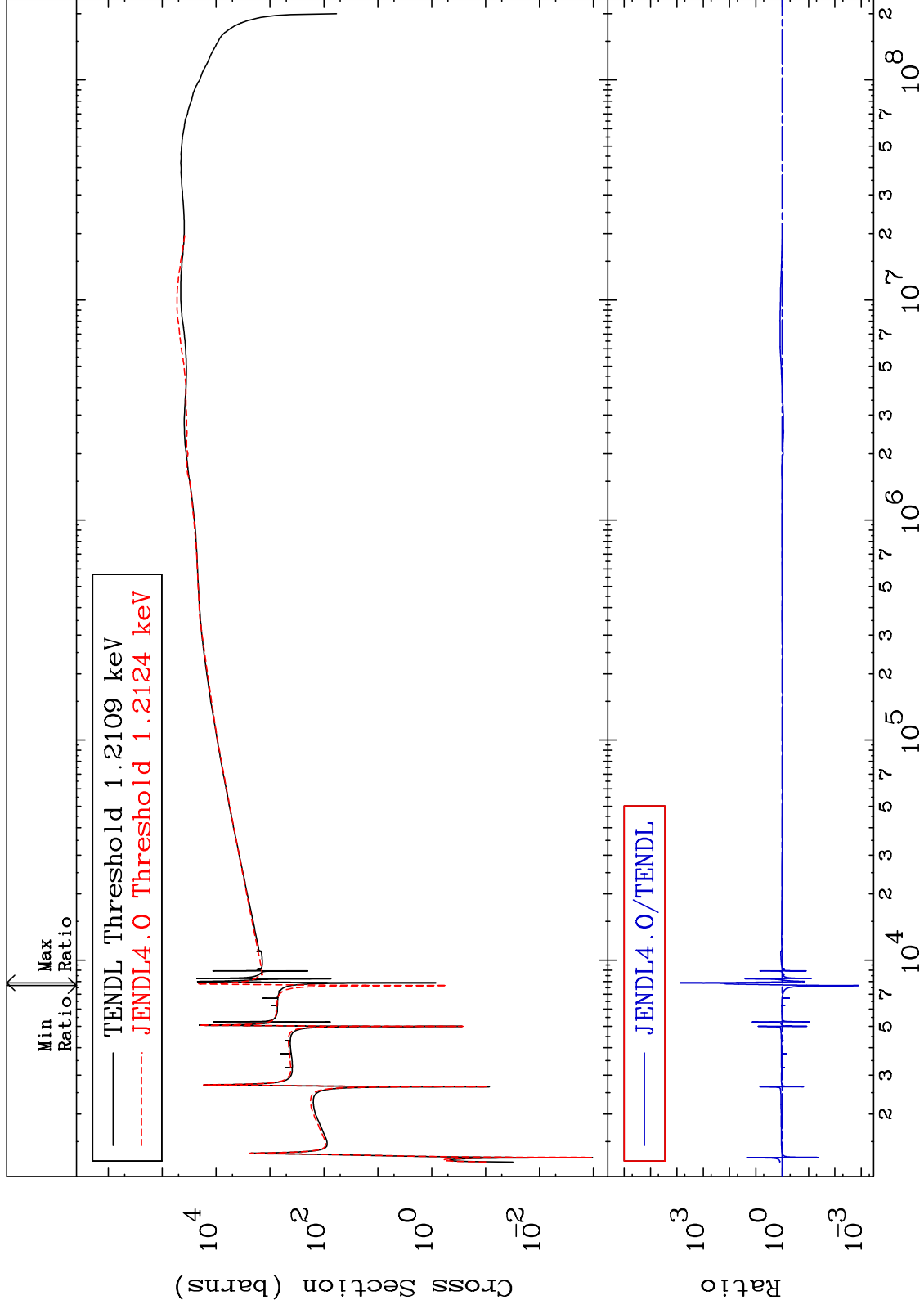
80-Hg-200
-98.41 To 9999. %



MAT 8037

Dpa elastic (mt2)
Cross Section

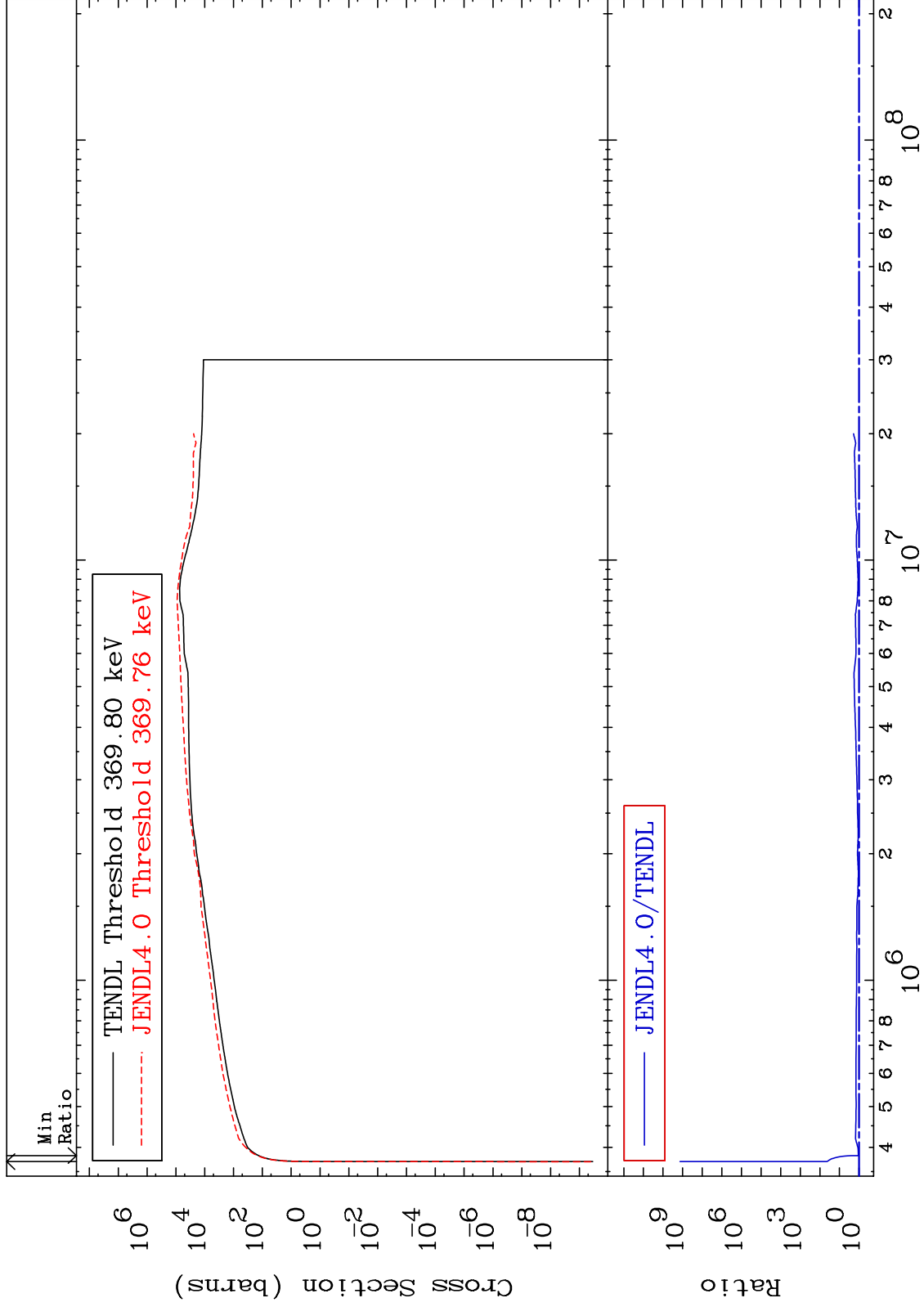
80-Hg-200
-99.87 To 9999. %



MAT 8037

Dpa inelastic (mt51-91)
Cross Section

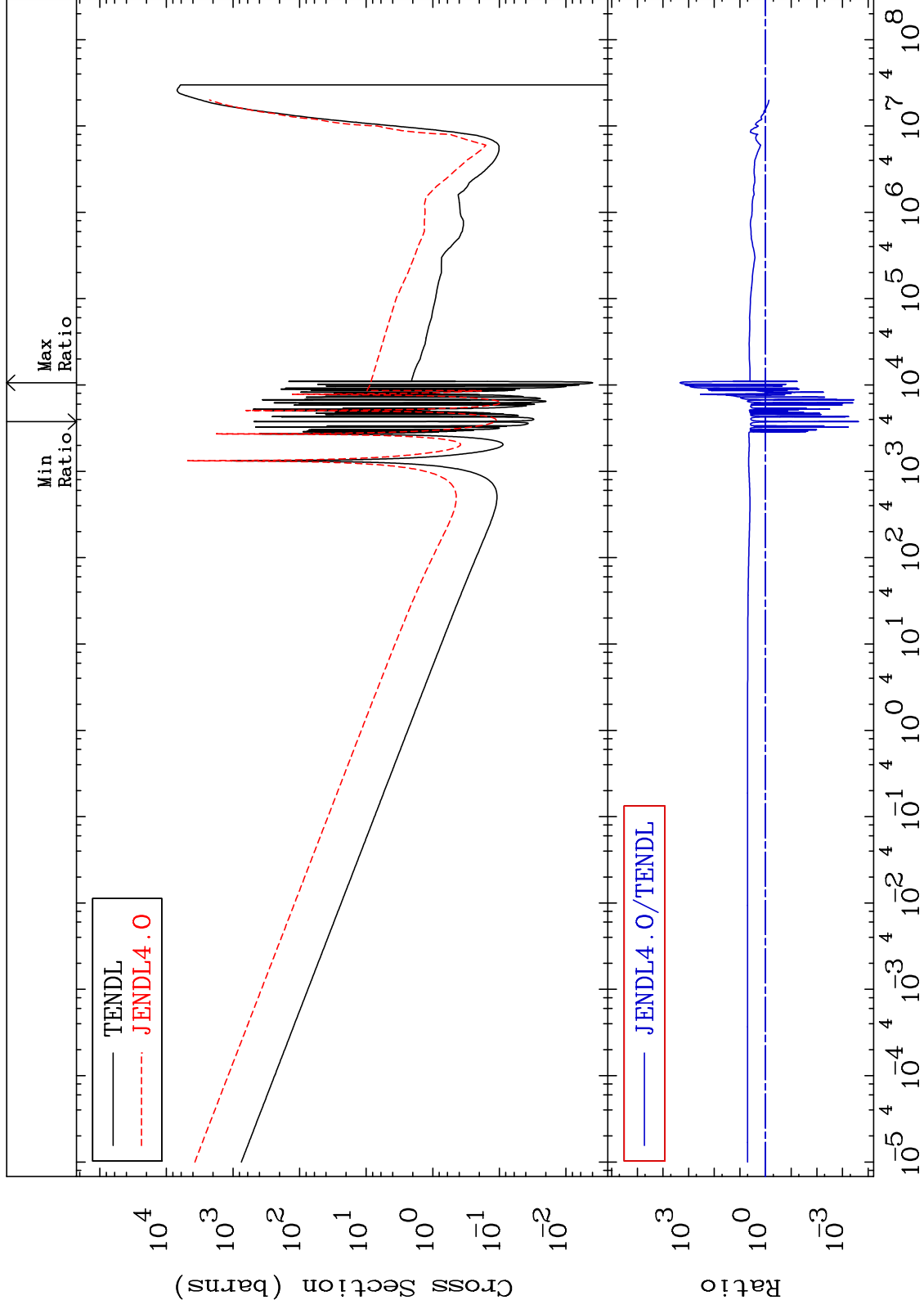
80-Hg-200
8.366 To 9999. %



MAT 8037

Dpa disappearance (mt102 -120)
Cross Section

80-Hg-200
-99.98 To 9999. %



57

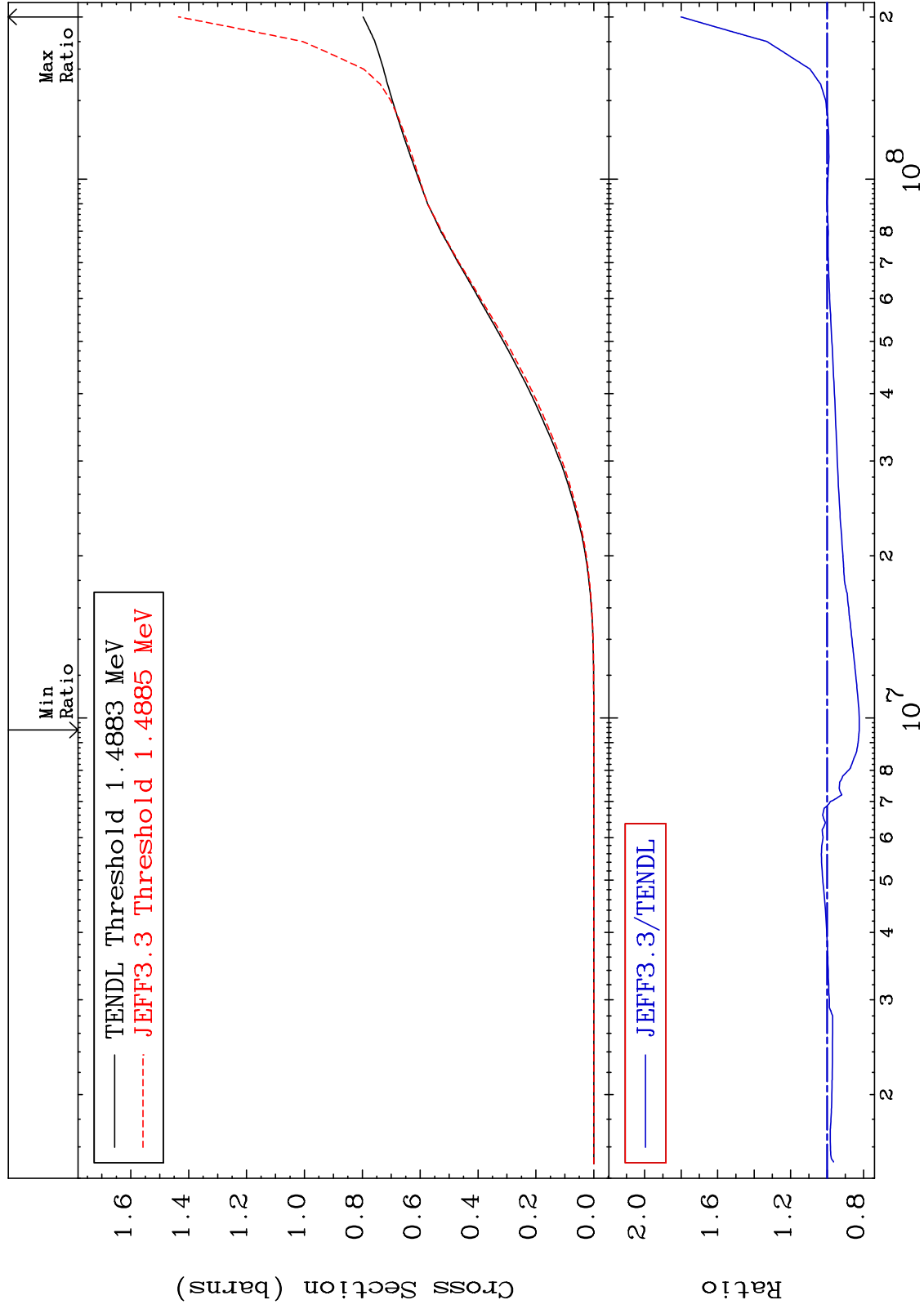
Incident Energy (eV)

80-Hg-200

MAT 8037

Hydrogen Production
Cross Section

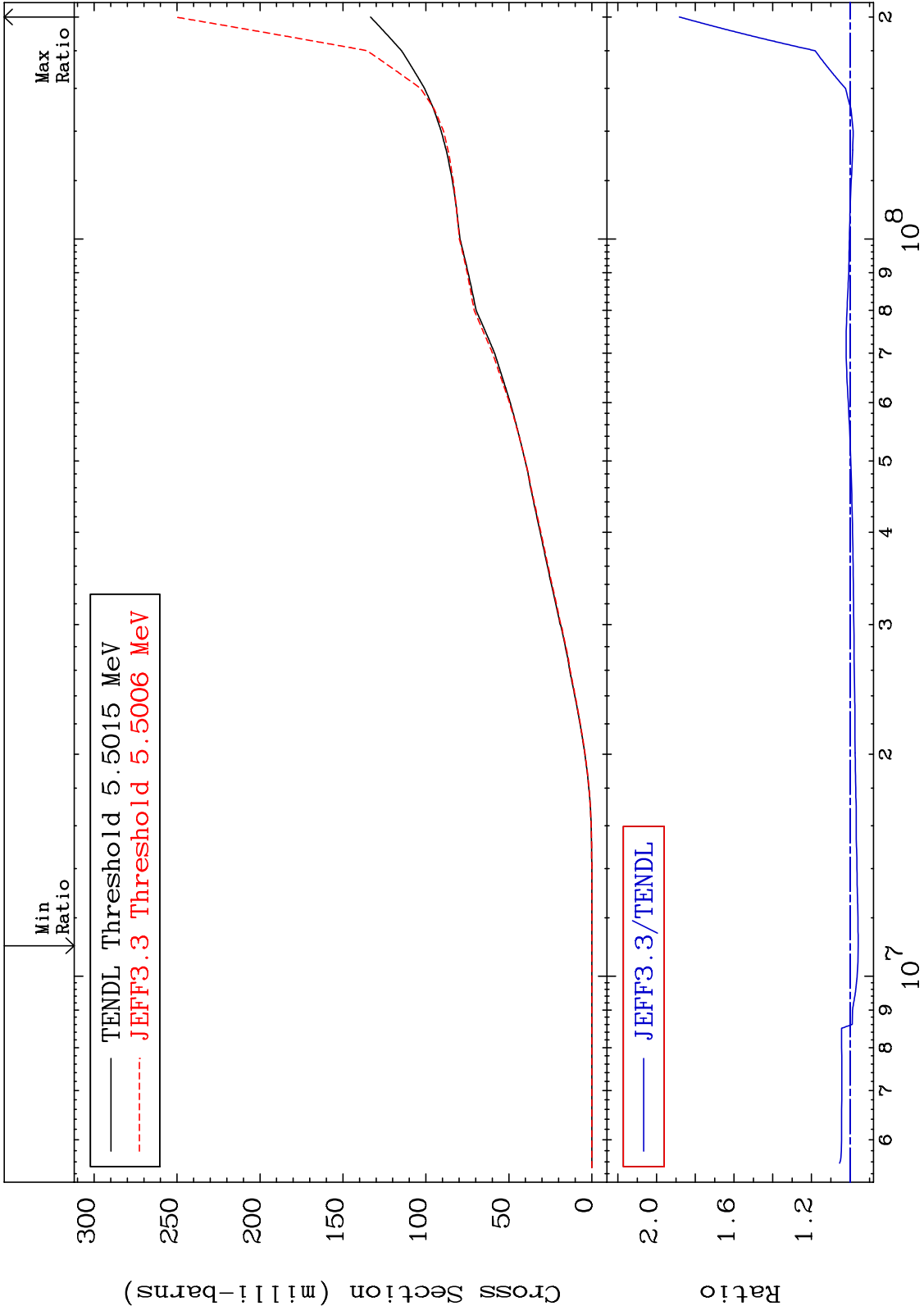
80-Hg-200
-17.64 To 80.05 %



MAT 8037

Deuterium Production
Cross Section

80-Hg-200
-4.174 To 88.25 %



59

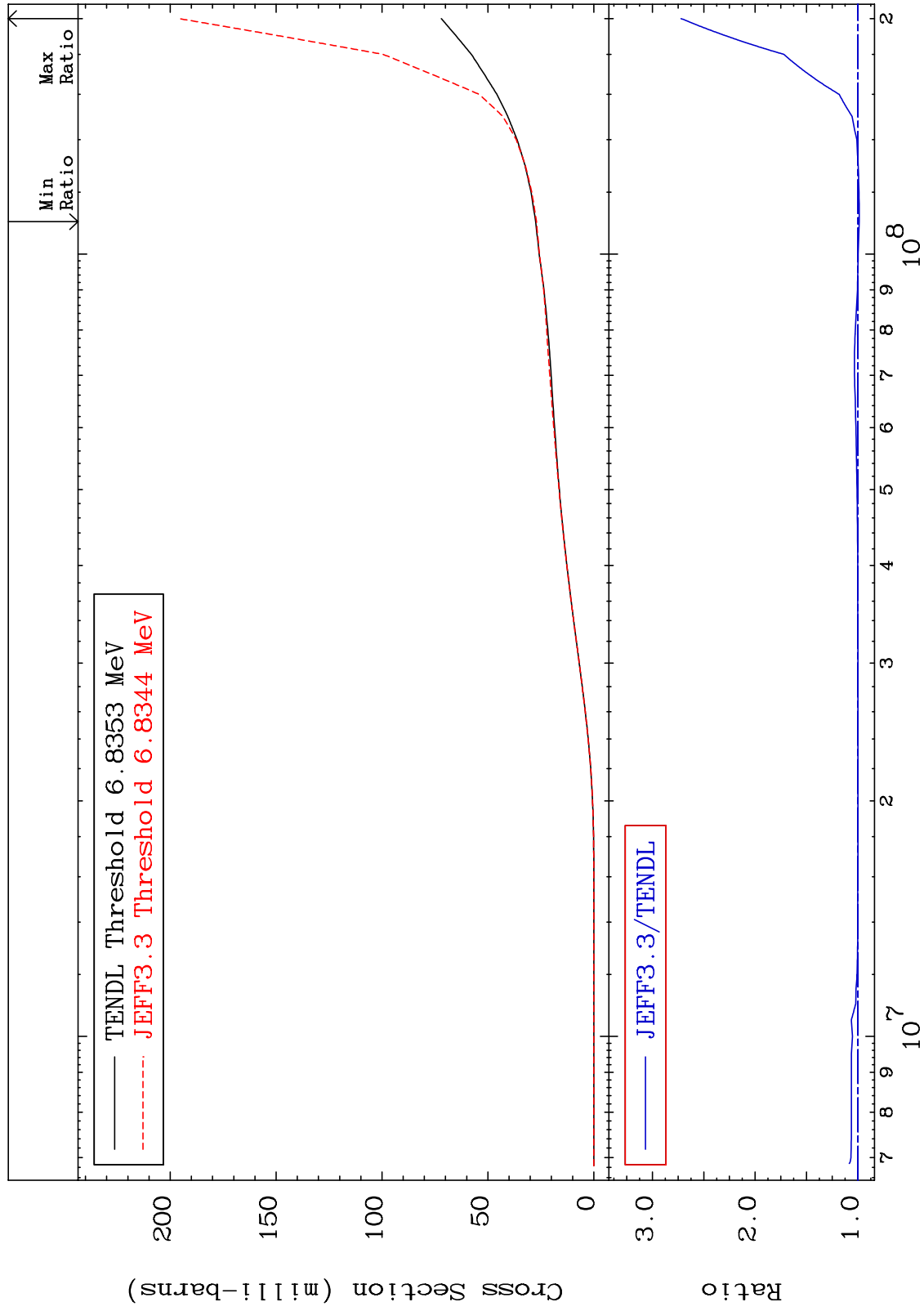
Incident Energy (eV)

80-Hg-200

MAT 8037

Tritium Production
Cross Section

80-Hg-200
-1.399 To 172.1 %



60

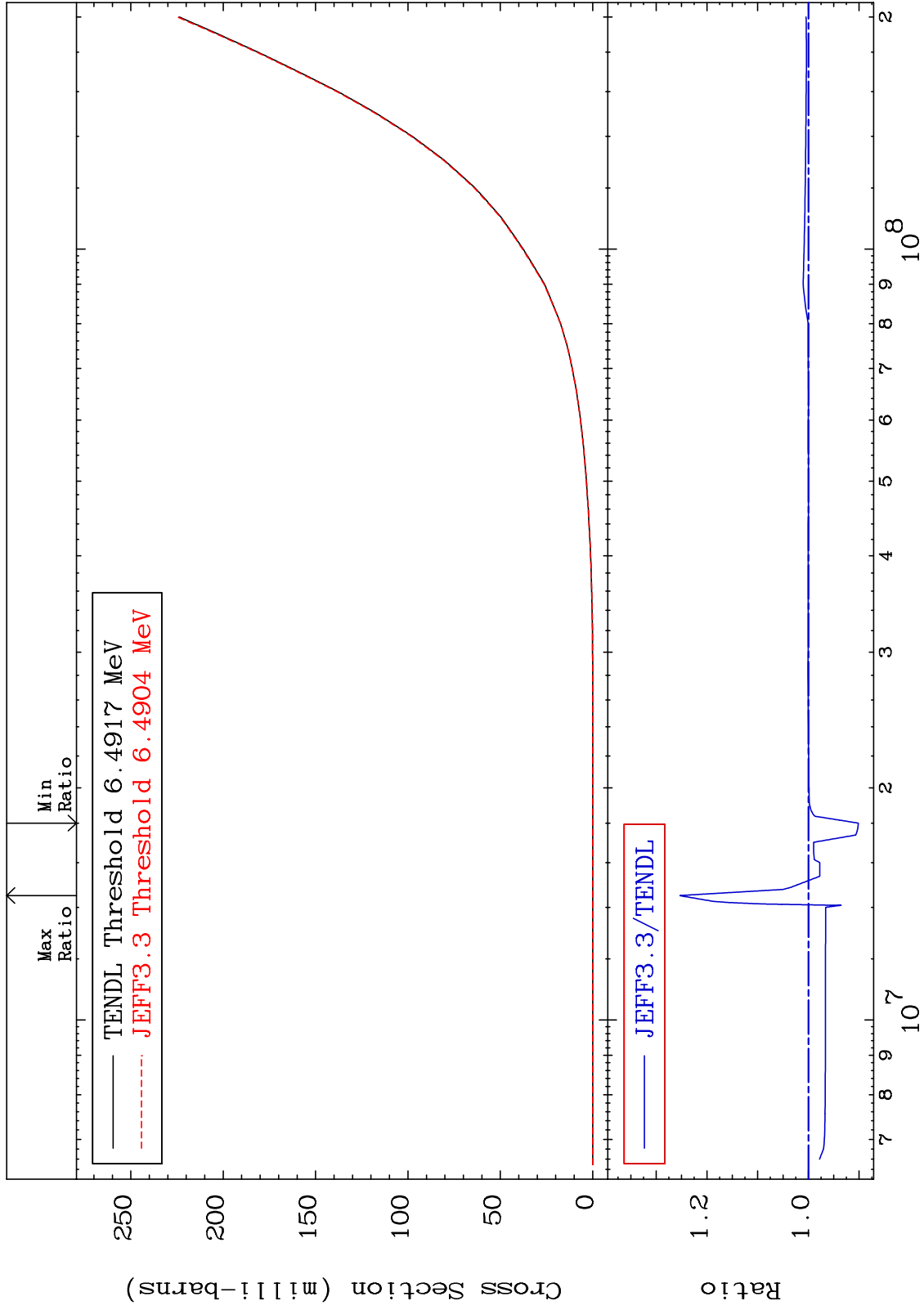
Incident Energy (eV)

80-Hg-200

MAT 8037

He-3 Production
Cross Section

80-Hg-200
-9.861 To 25.30 %



61

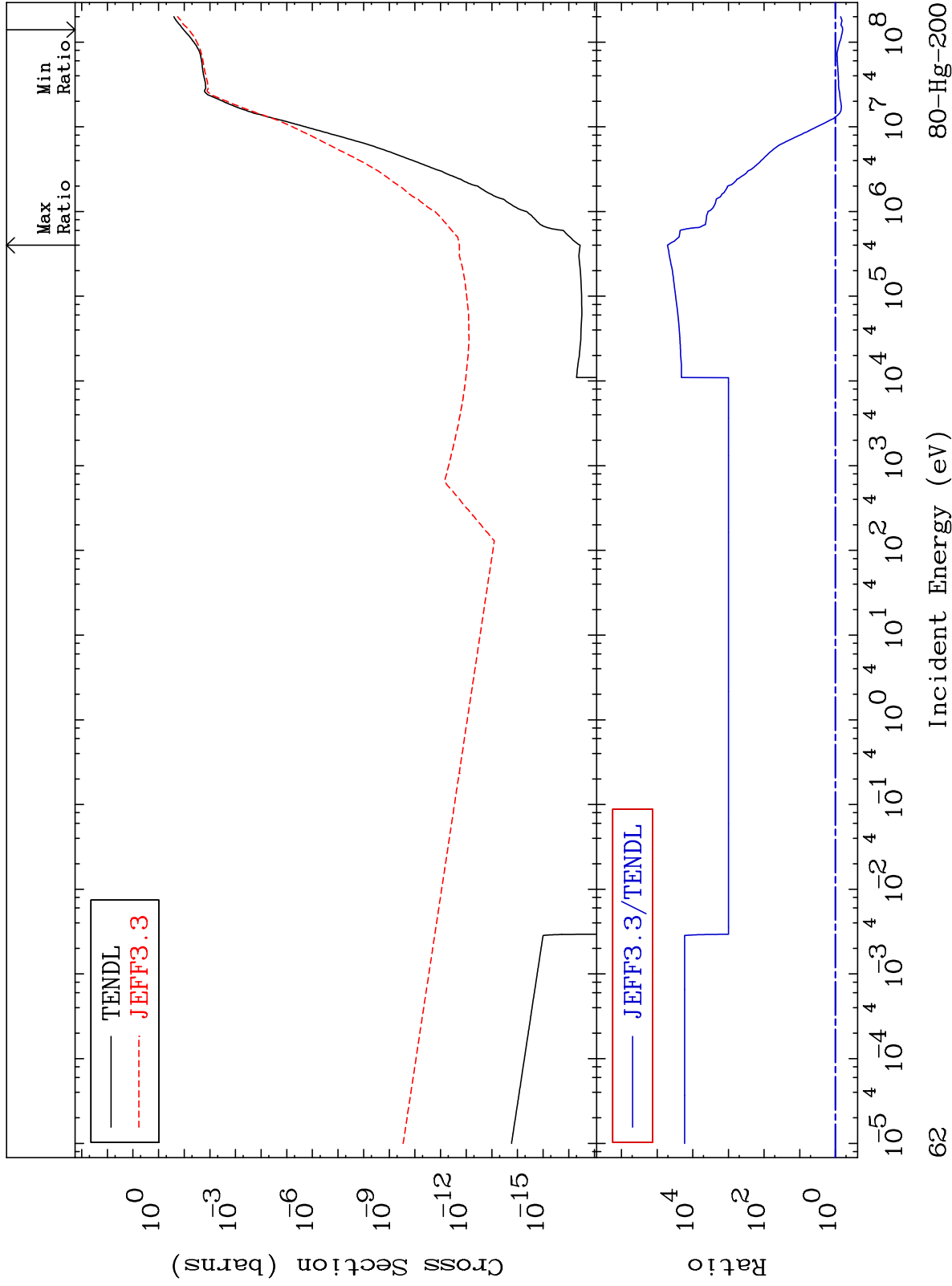
Incident Energy (eV)

80-Hg-200

MAT 8037

He-4 Production
Cross Section

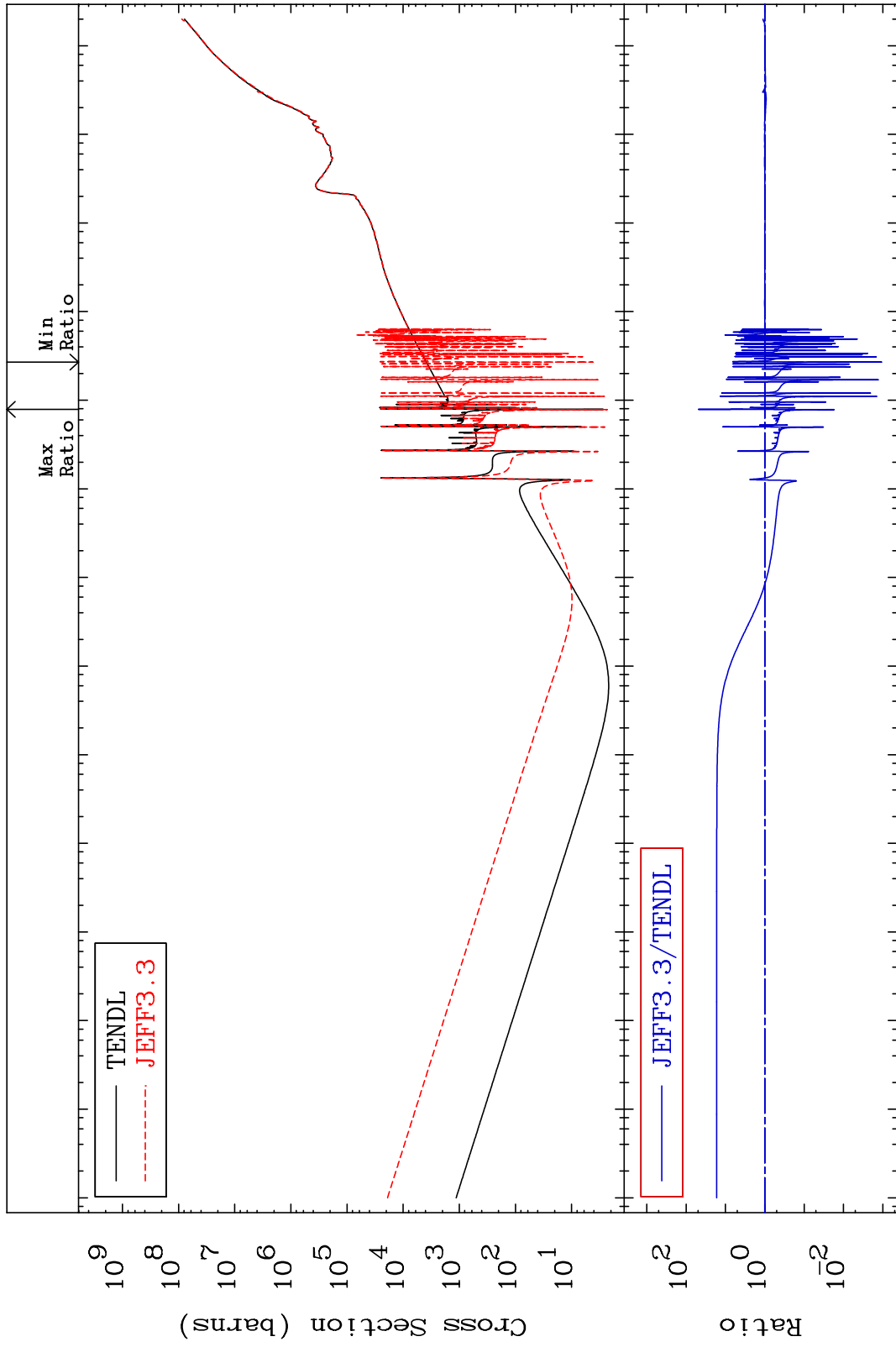
80-Hg-200
-37.45 To 9999. %



MAT 8037

Kerma total (eV-barns)
Cross Section

80-Hg-200
-99.89 To 4793. %



63

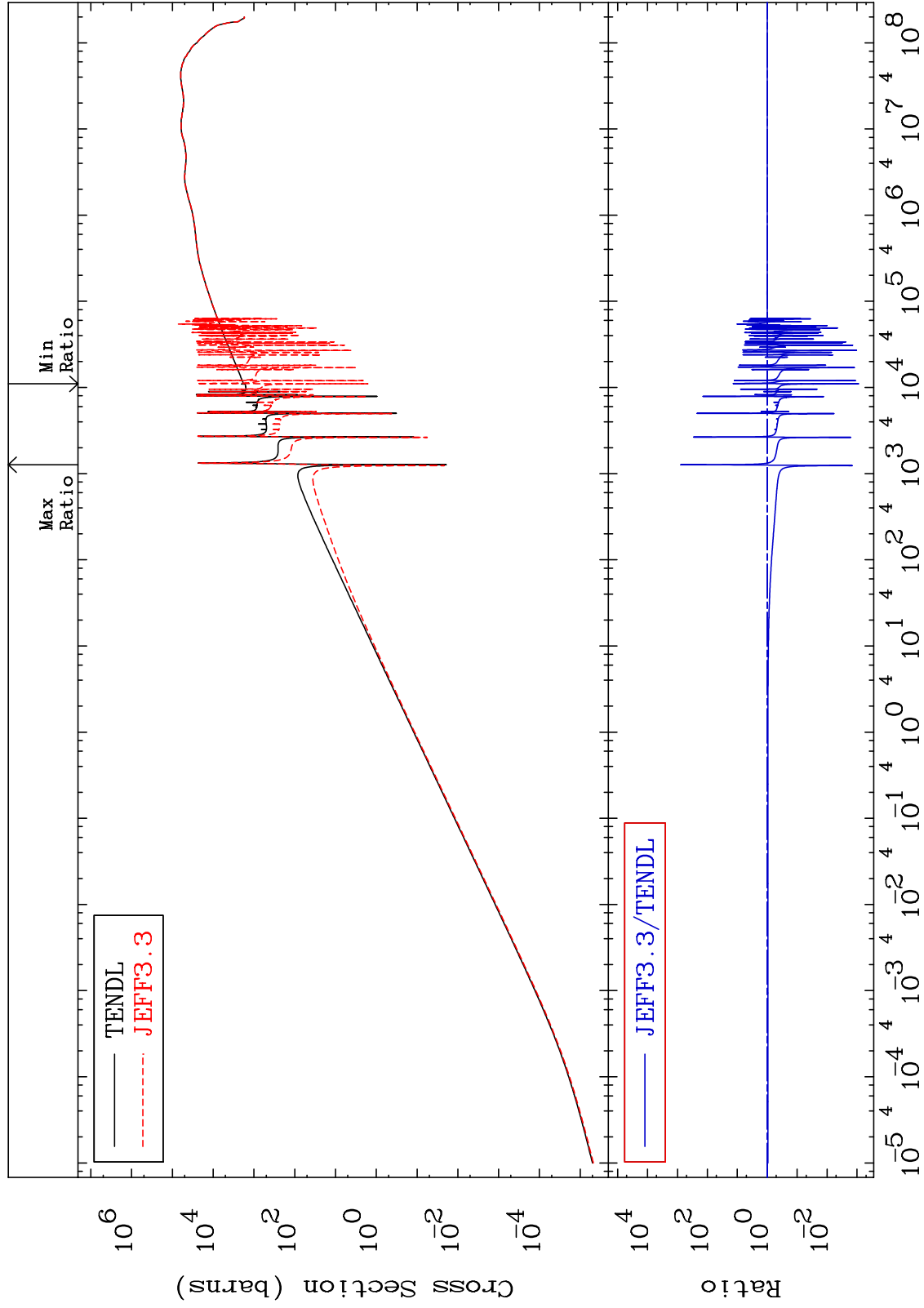
Incident Energy (eV)

80-Hg-200

MAT 8037

Kerma elastic
Cross Section

80-Hg-200
-99.91 To 9999. %



64

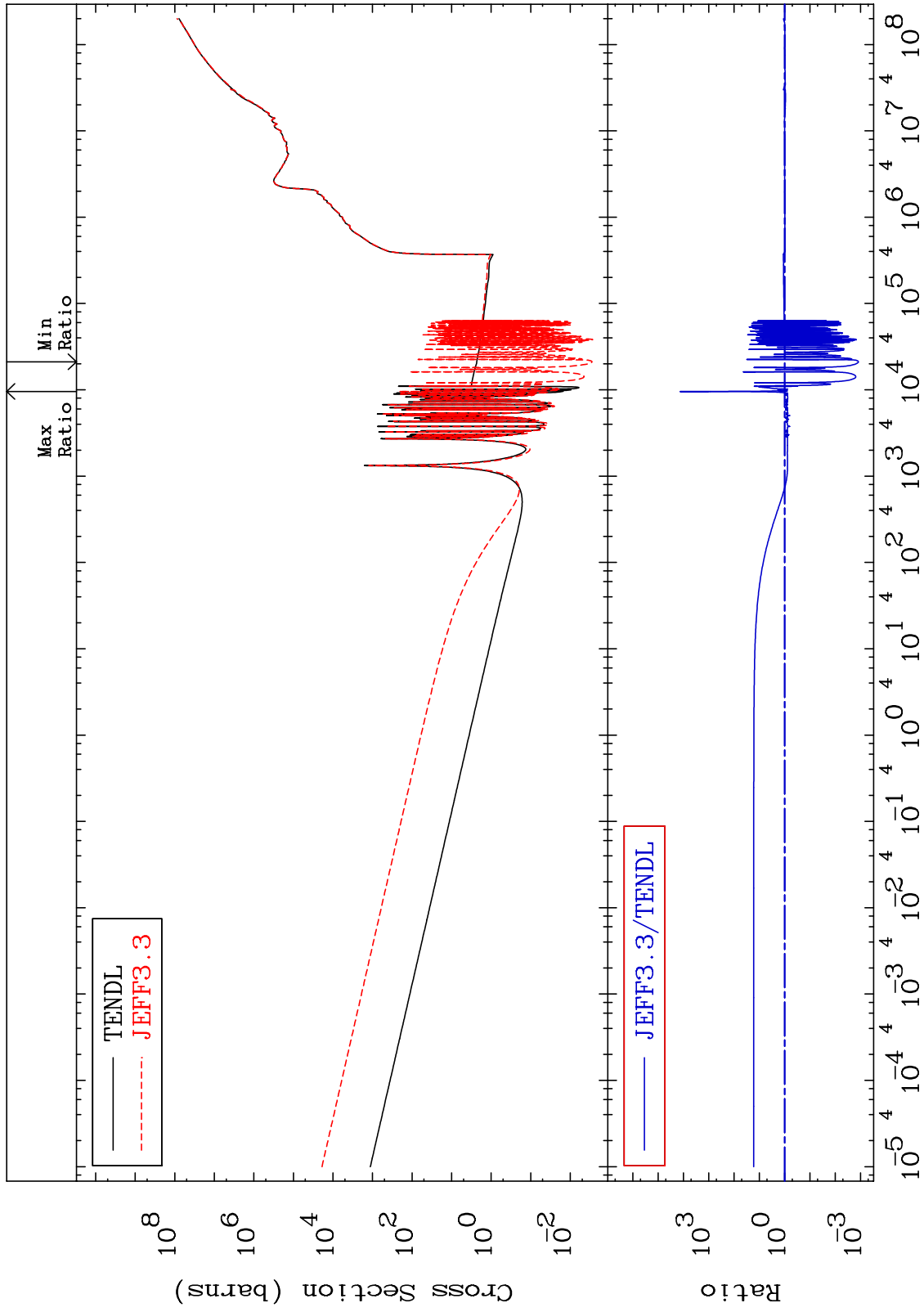
Incident Energy (eV)

80-Hg-200

MAT 8037

Kerma non-elastic (all but mt2)
Cross Section

80-Hg-200
-99.88 To 9999. %



65

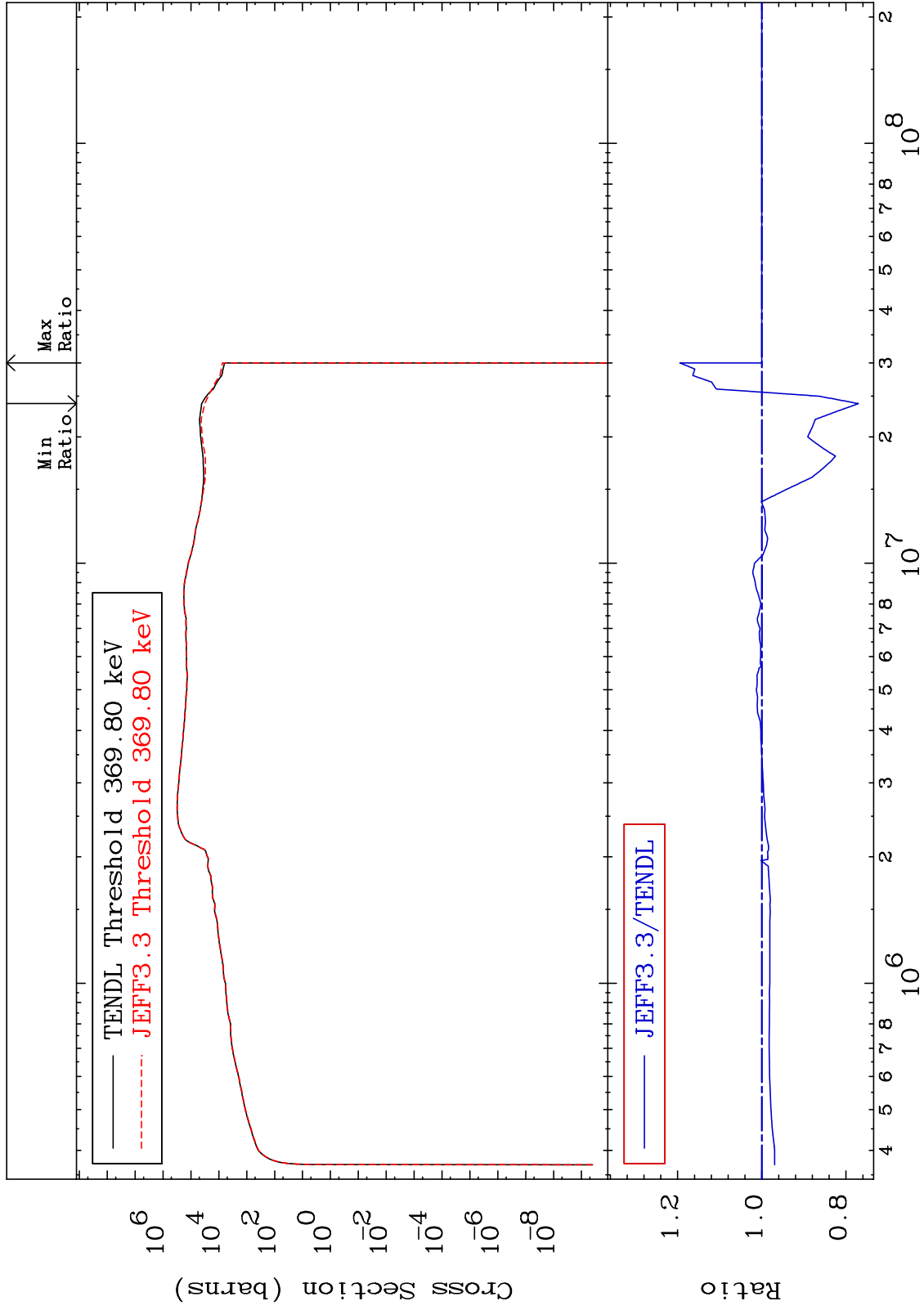
Incident Energy (eV)

80-Hg-200

MAT 8037

Kerma inelastic (mt51-91)
Cross Section

80-Hg-200
-22.94 To 19.43 %



66

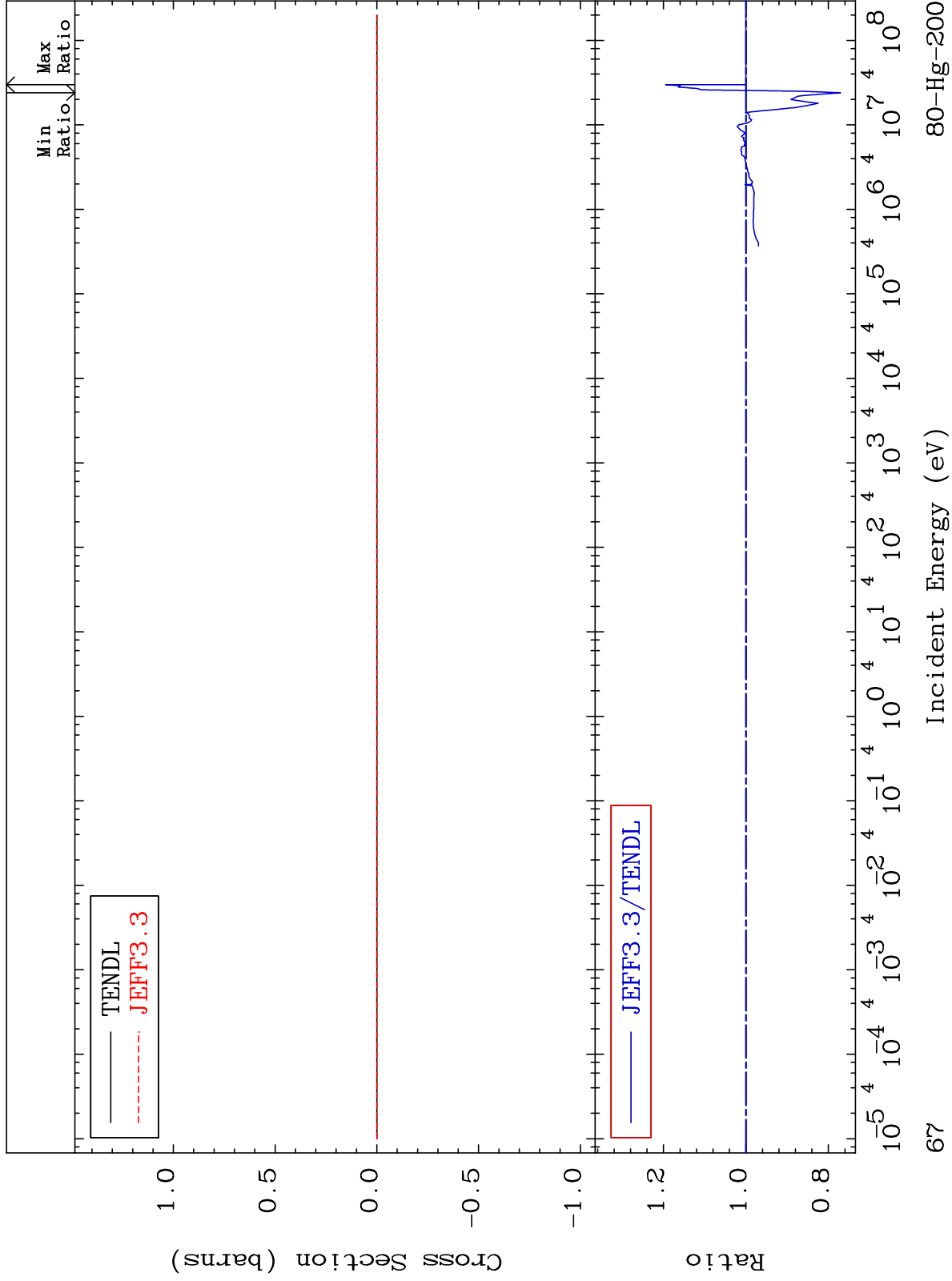
Incident Energy (eV)

80-Hg-200

MAT 8037

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

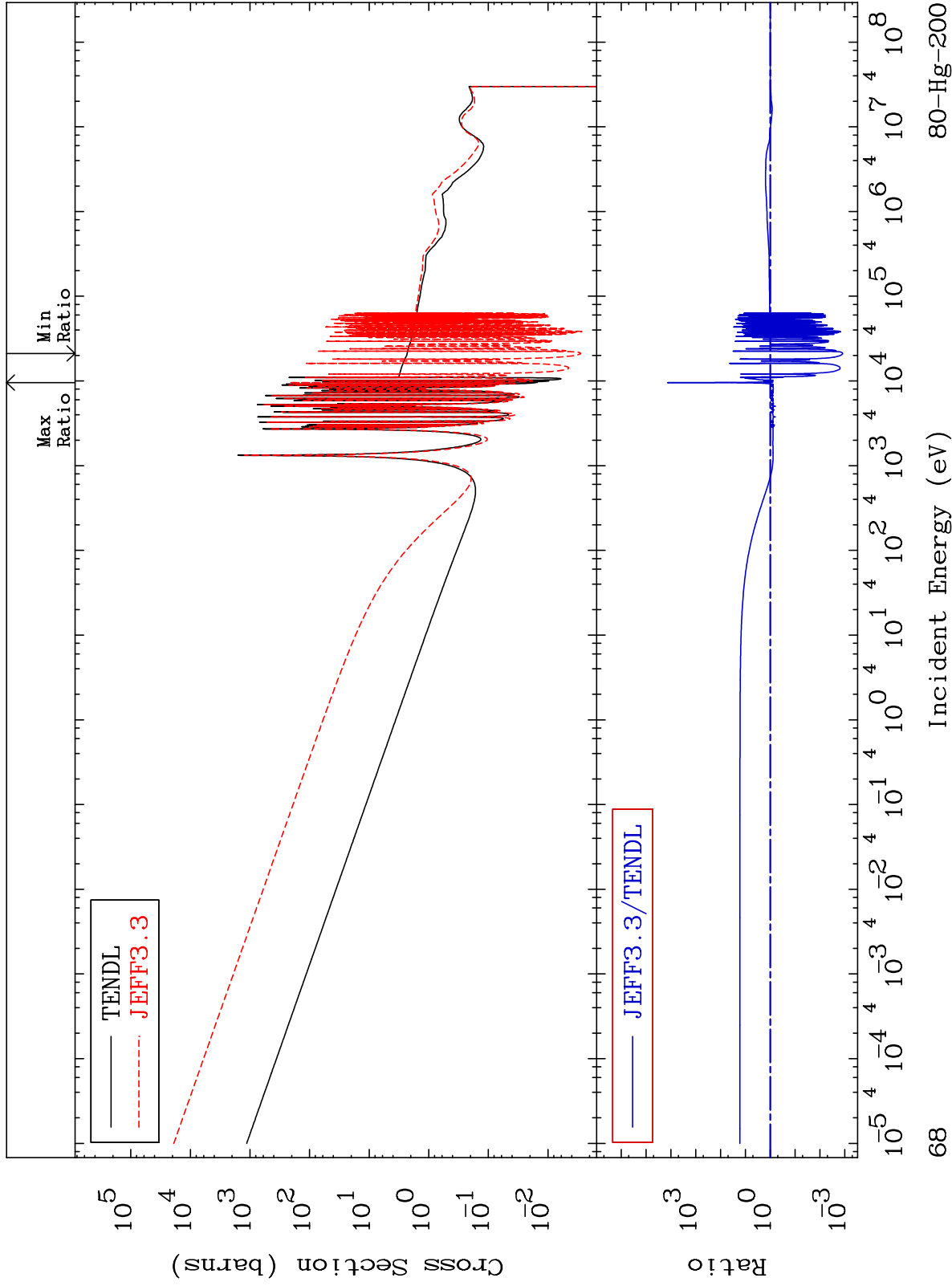
80-Hg-200
-22.94 To 19.43 %



MAT 8037

Kerma capture (mt102)
Cross Section

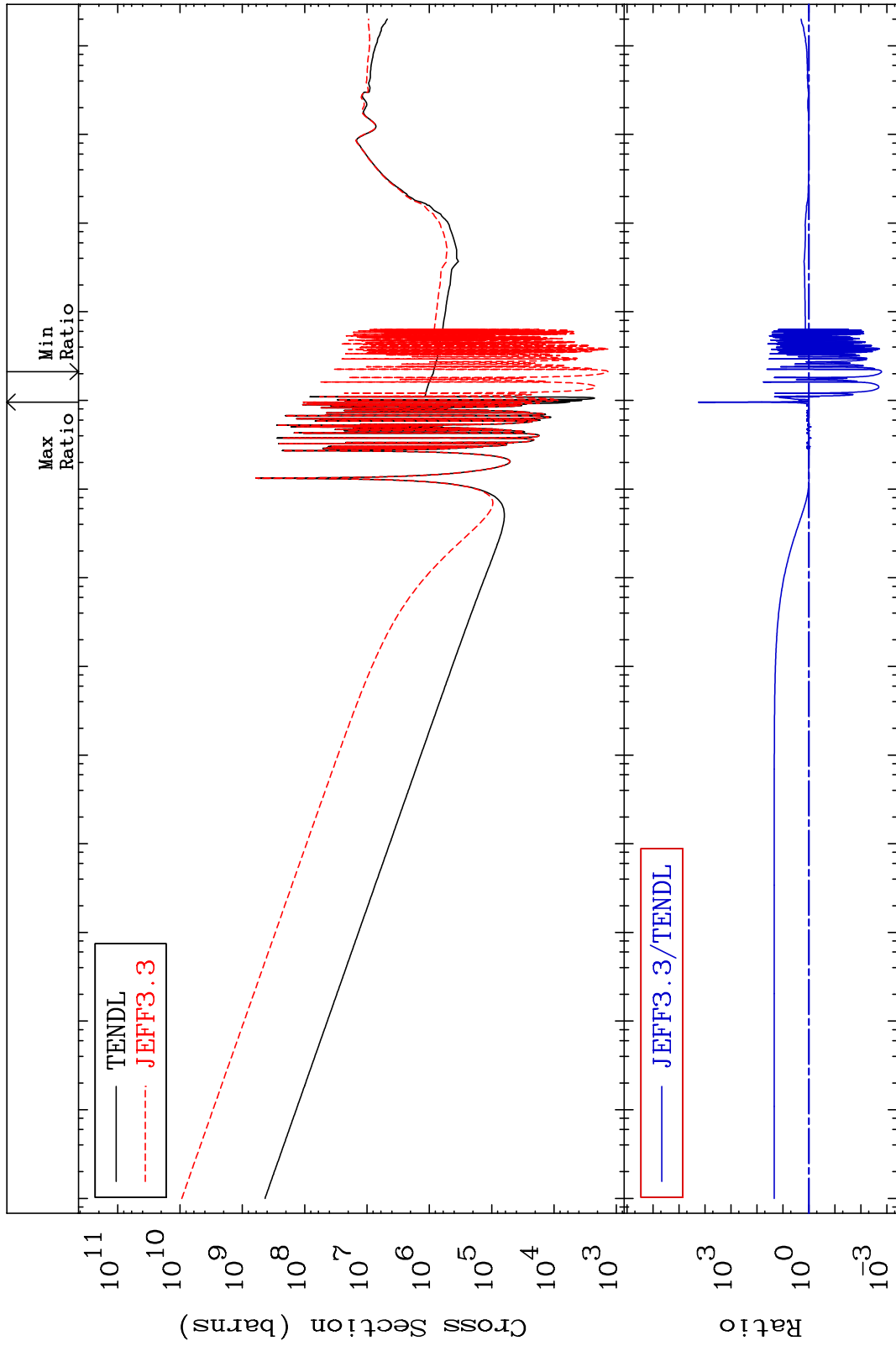
80-Hg-200
-99.88 To 9999. %



MAT 8037

Total photon (eV-barns)
Cross Section

80-Hg-200
-99.84 To 9999. %



69

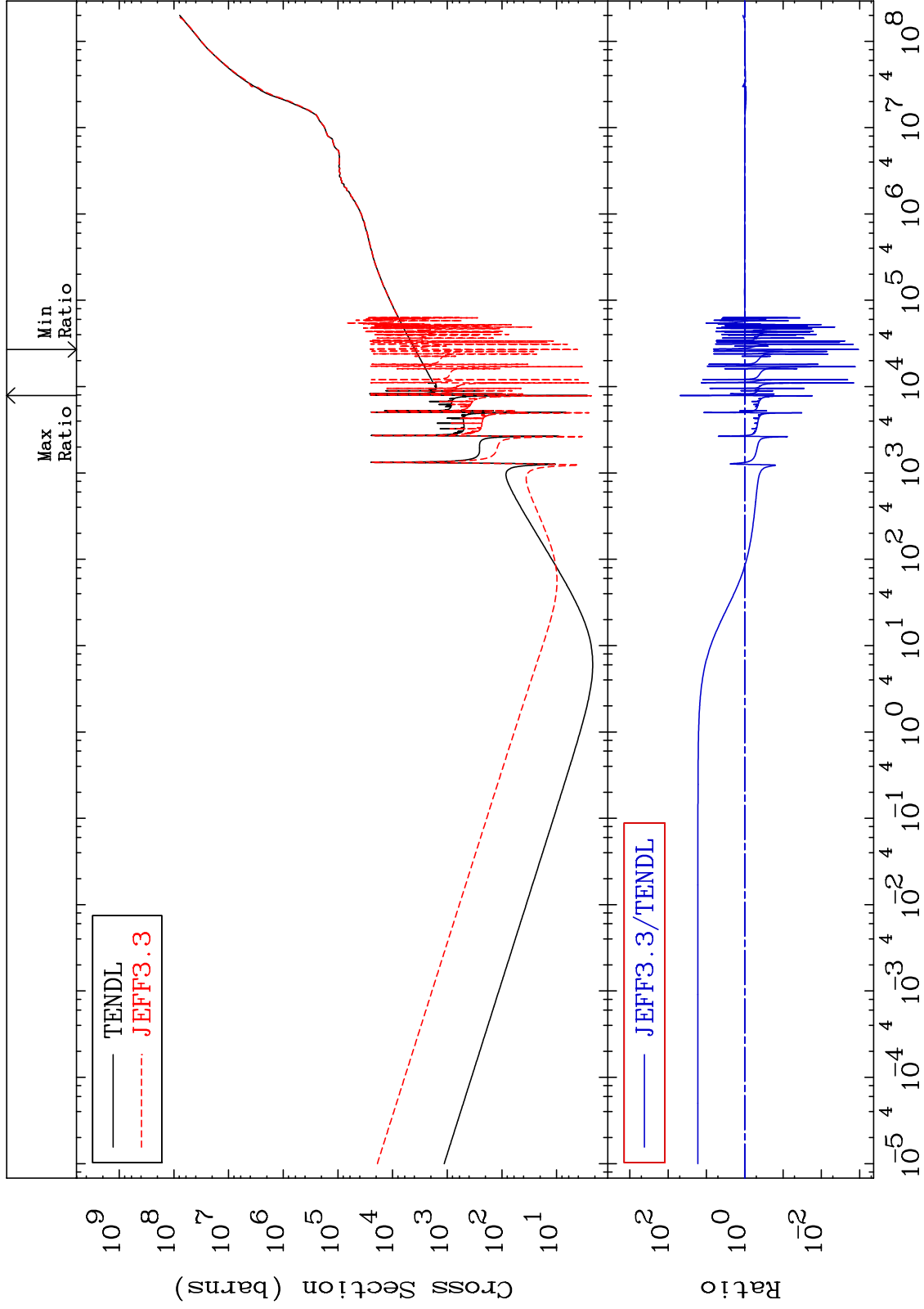
Incident Energy (eV)

80-Hg-200

MAT 8037

Total kinematic kerma (high limit)
Cross Section

80-Hg-200
-99.89 To 4793. %



70

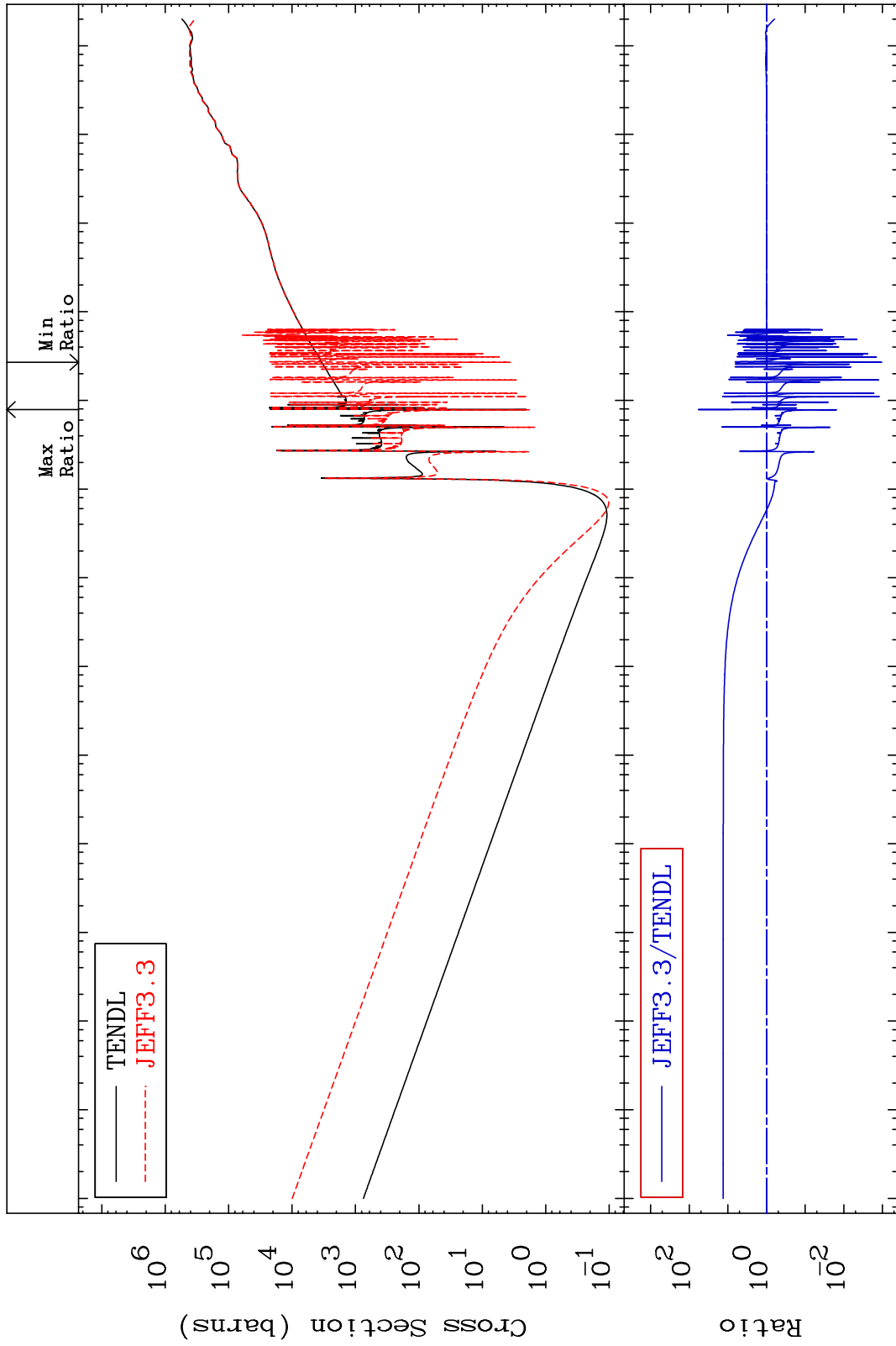
Incident Energy (eV)

80-Hg-200

MAT 8037

Dpa total (eV-barns)
Cross Section

80-Hg-200
-99.89 To 5728. %



71

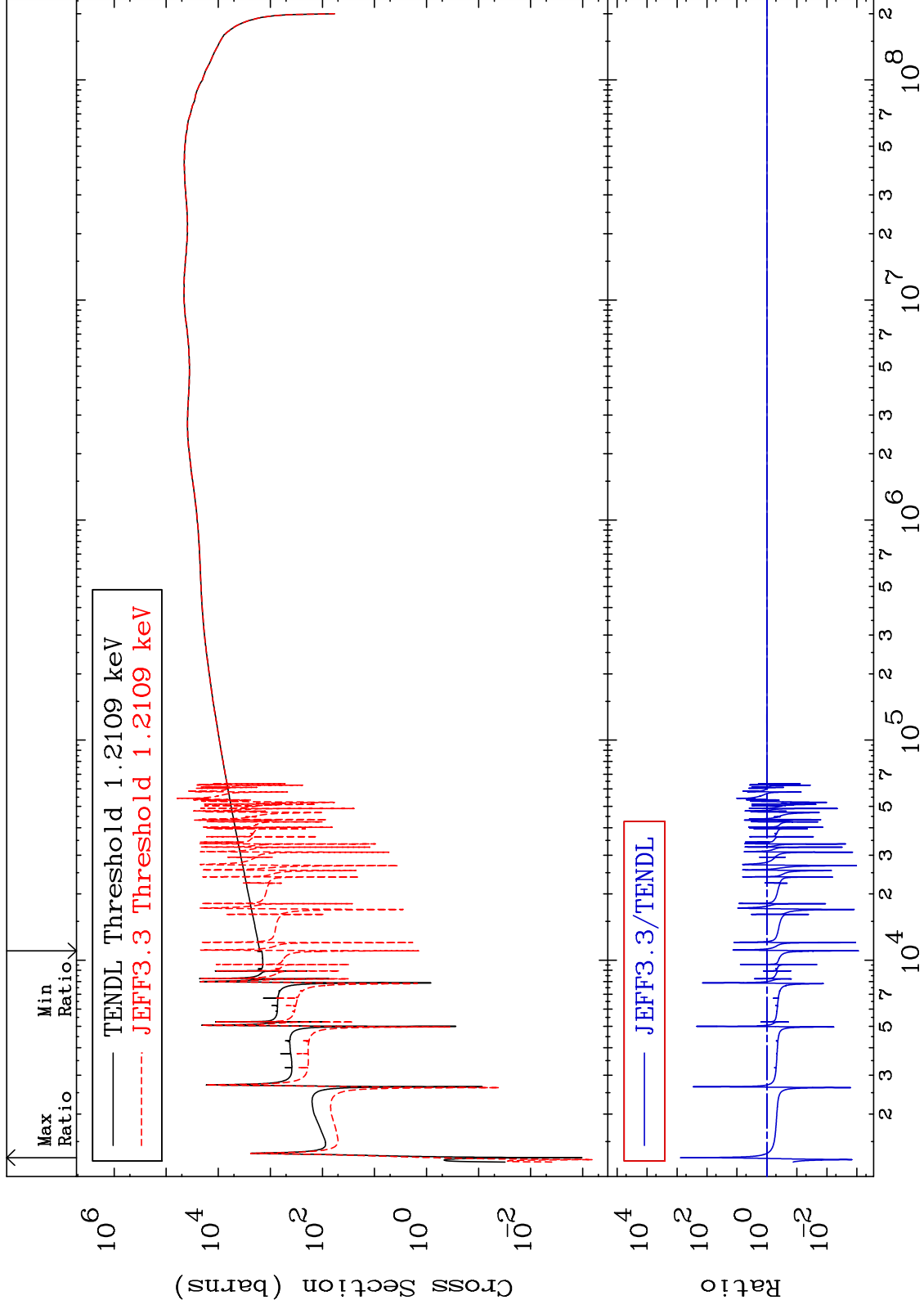
Incident Energy (eV)

80-Hg-200

MAT 8037

Dpa elastic (mt2)
Cross Section

80-Hg-200
-99.91 To 9999. %



72

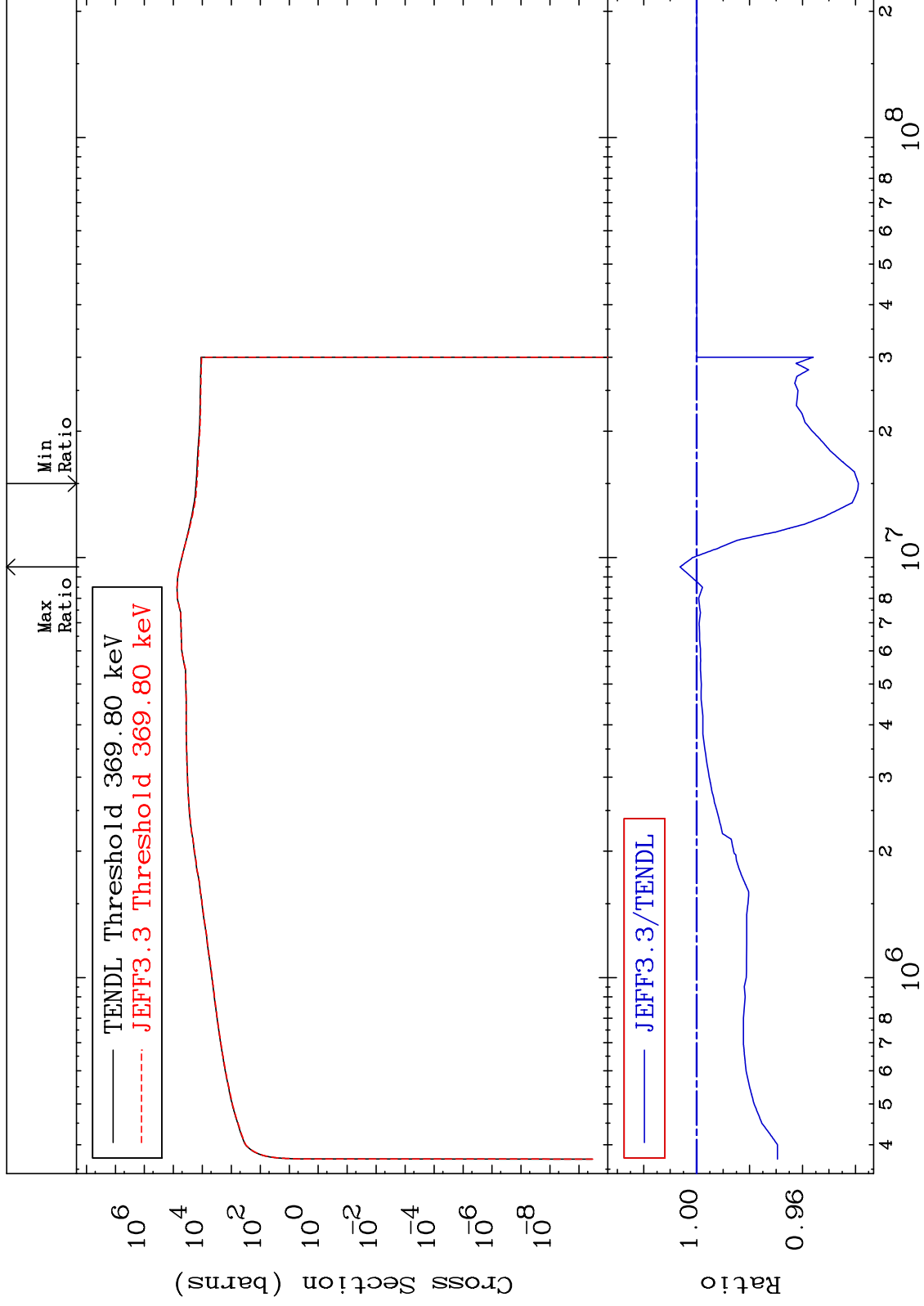
80-Hg-200

80-Hg-200

MAT 8037

Dpa inelastic (mt51-91)
Cross Section

80-Hg-200
-6.112 To 0.629 %



73

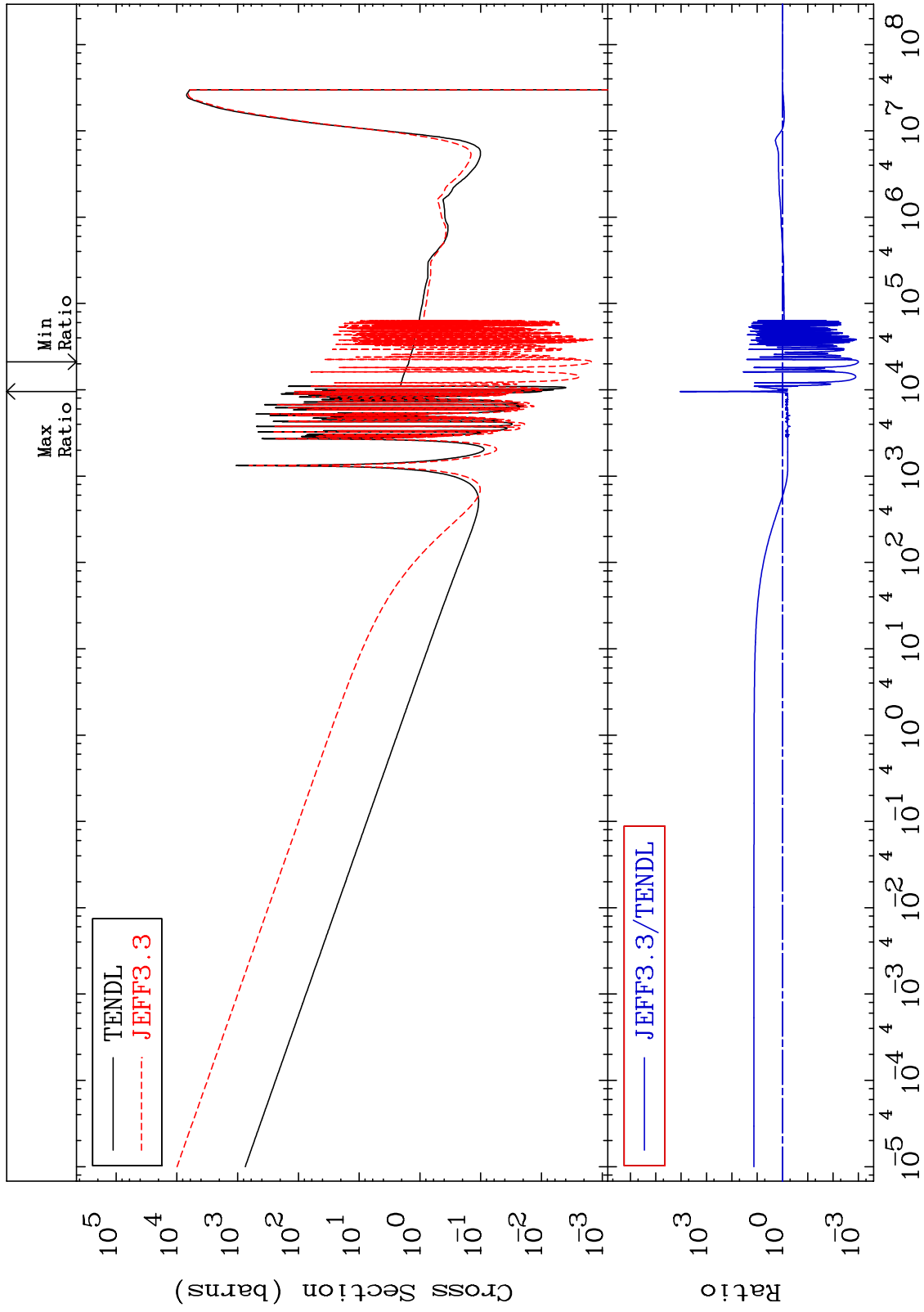
Incident Energy (eV)

80-Hg-200

MAT 8037

Dpa disappearance (mt102 -120)
Cross Section

80-Hg-200
-99.90 To 9999. %



74

Incident Energy (eV)

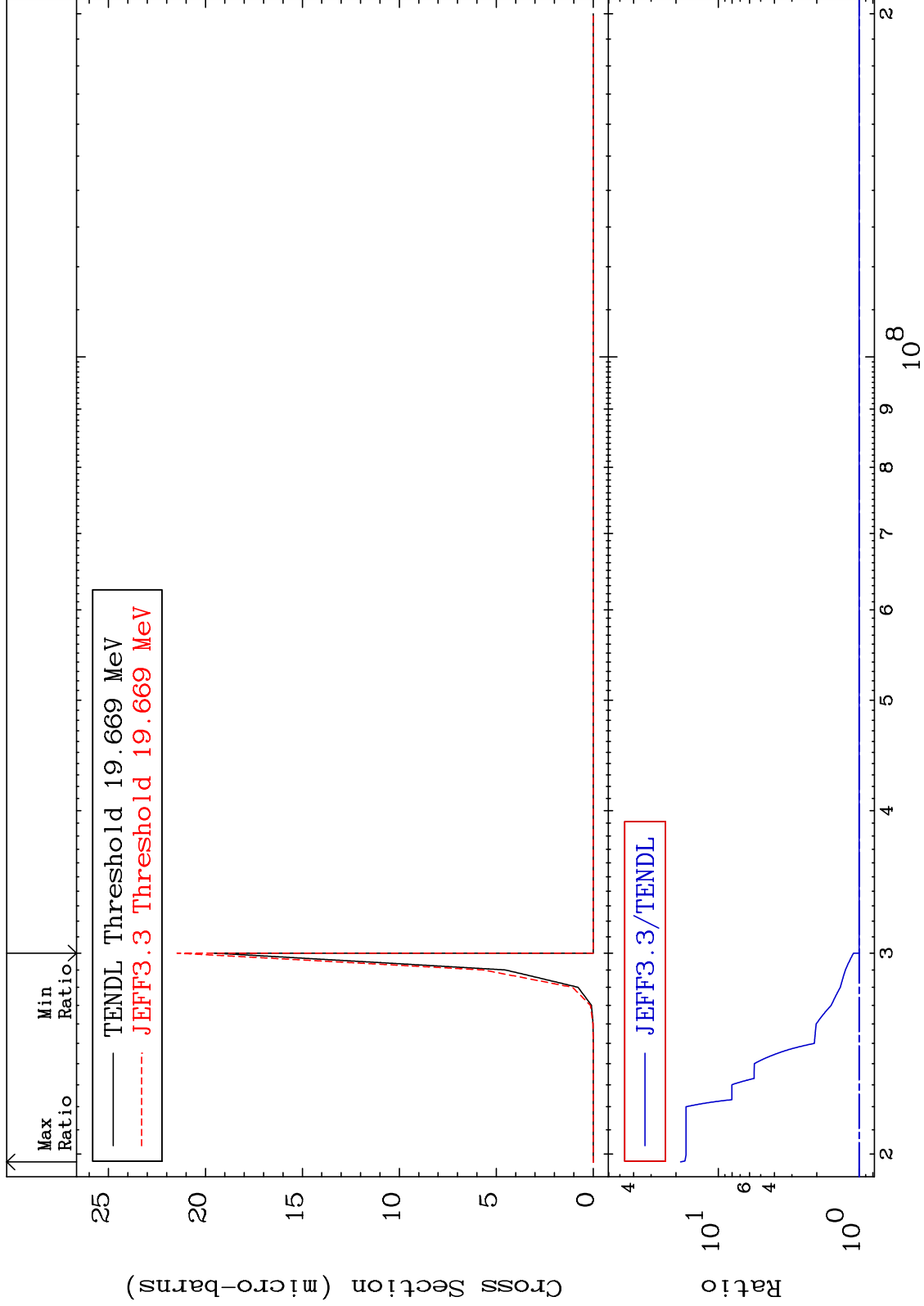
80-Hg-200

MAT 8037

(n,2n) d:79-Au-197g

80-Hg-200

Radionuclide Production Cross Section 0.000 To 1753. %



75

Incident Energy (eV)

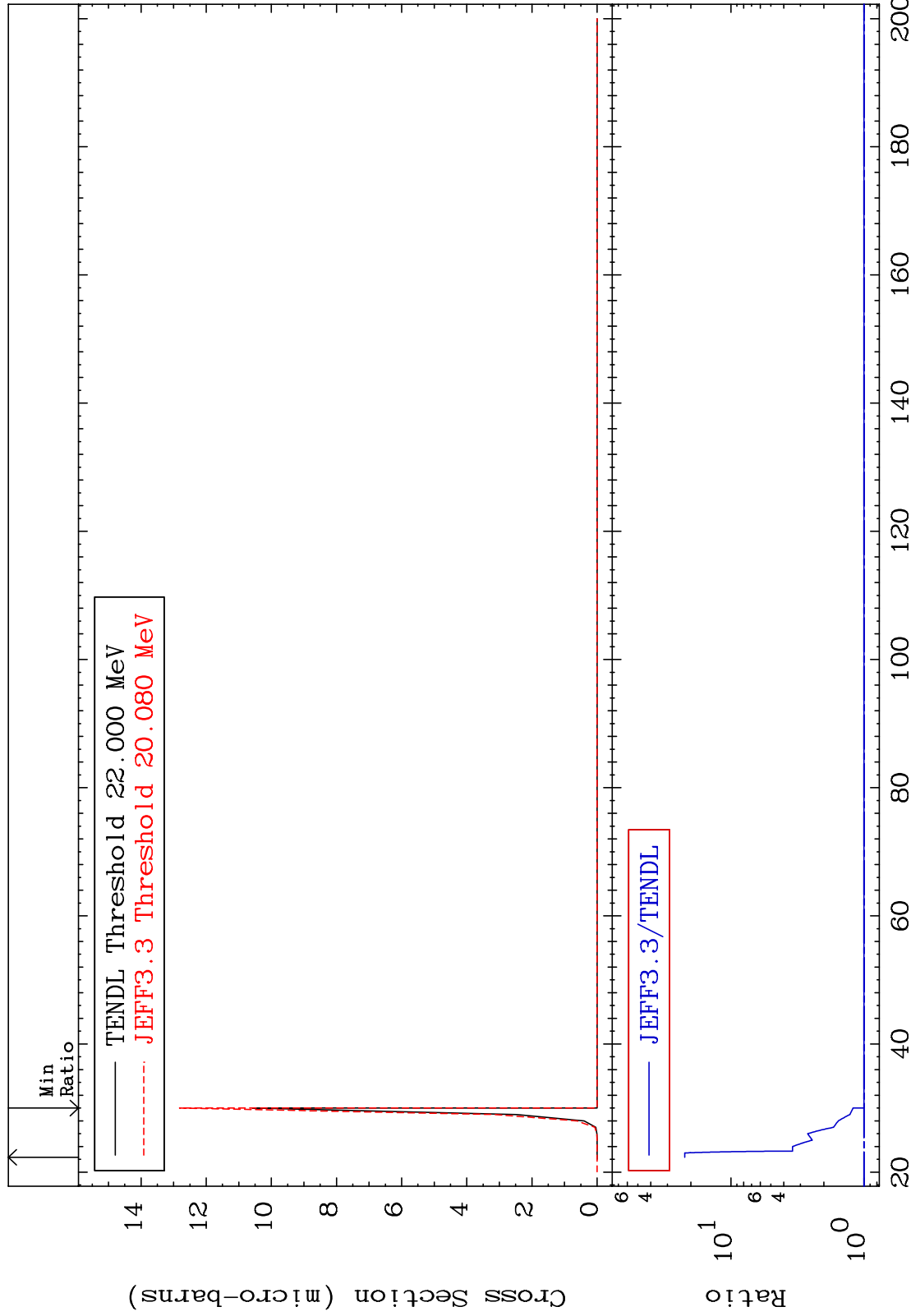
80-Hg-200

MAT 8037

(n,2n) d:79-Au-197m4

80-Hg-200

Radionuclide Production Cross Section 0.000 To 2118. %



76

Incident Energy (MeV)

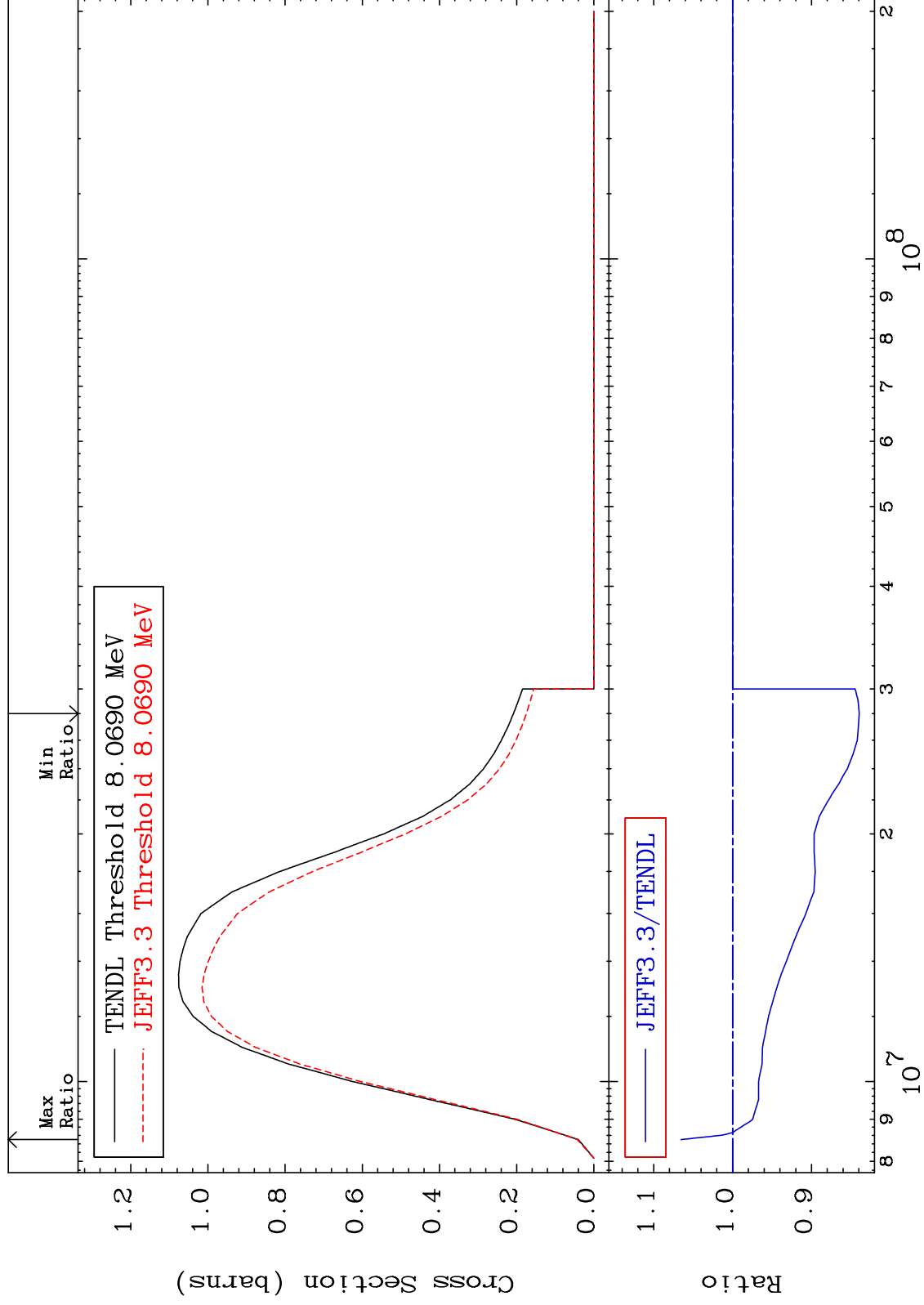
80-Hg-200

MAT 8037

(n,2n):80-Hg-199g

80-Hg-200

Radionuclide Production Cross Section -16.05 To 6.532 %

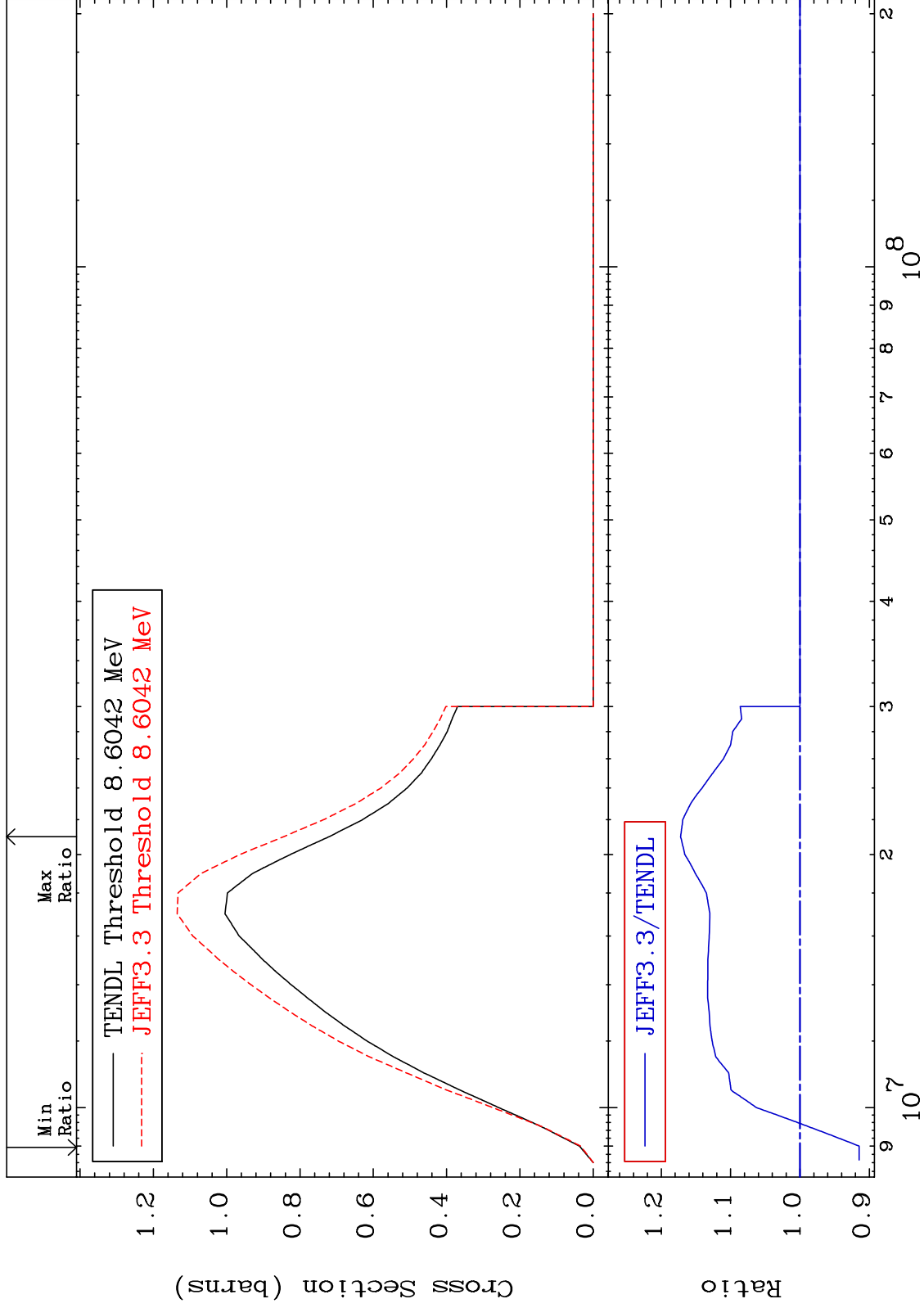


MAT 8037

(n,2n):80-Hg-199m7

80-Hg-200

Radionuclide Production Cross Section -8.531 To 17.21 %



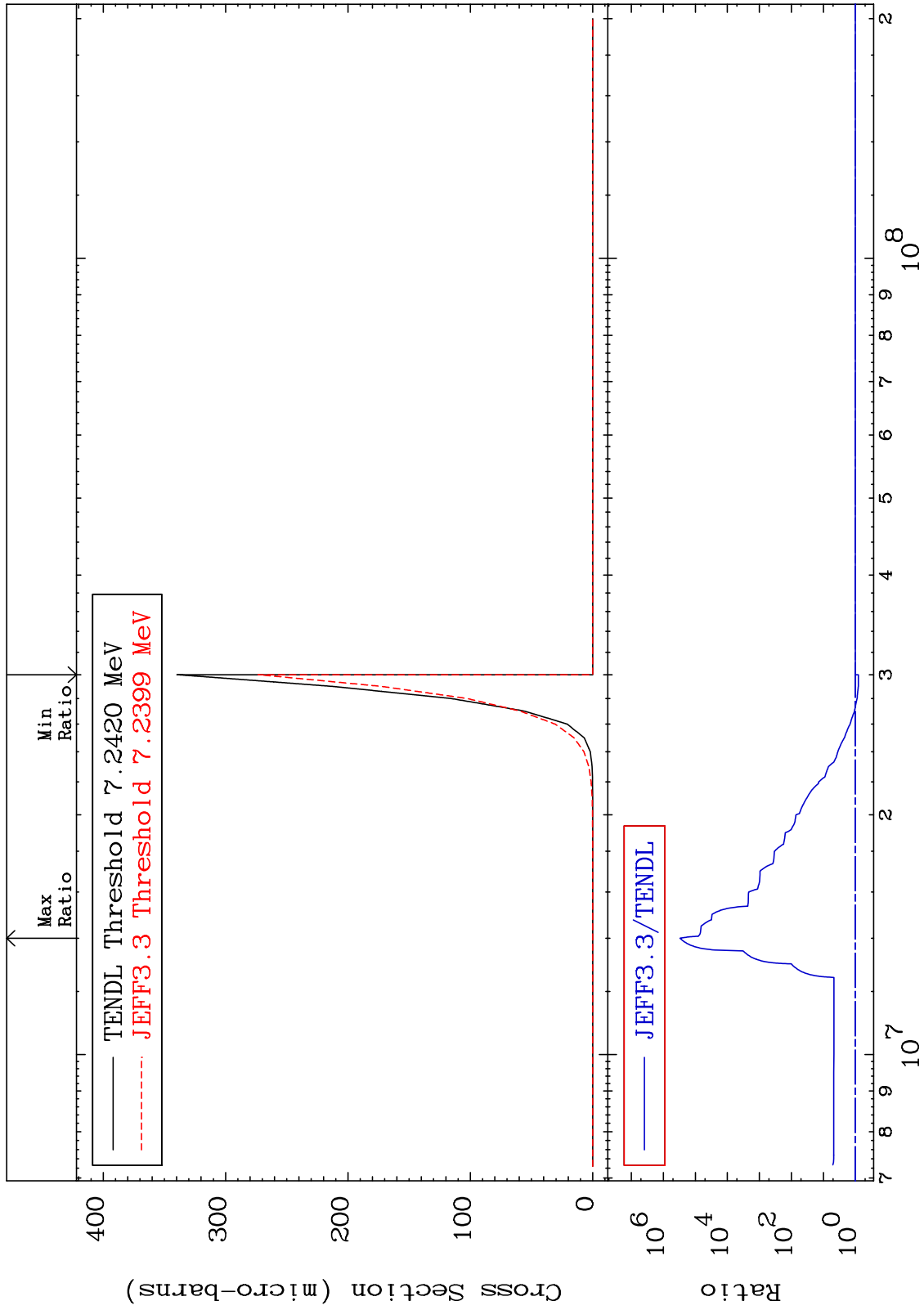
78

Incident Energy (eV)

80-Hg-200

MAT 8037

(n,2n) α :78-Pt-195g 80-Hg-200
Radionuclide Production Cross Section -19.50 To 9999. %



79

Incident Energy (eV)

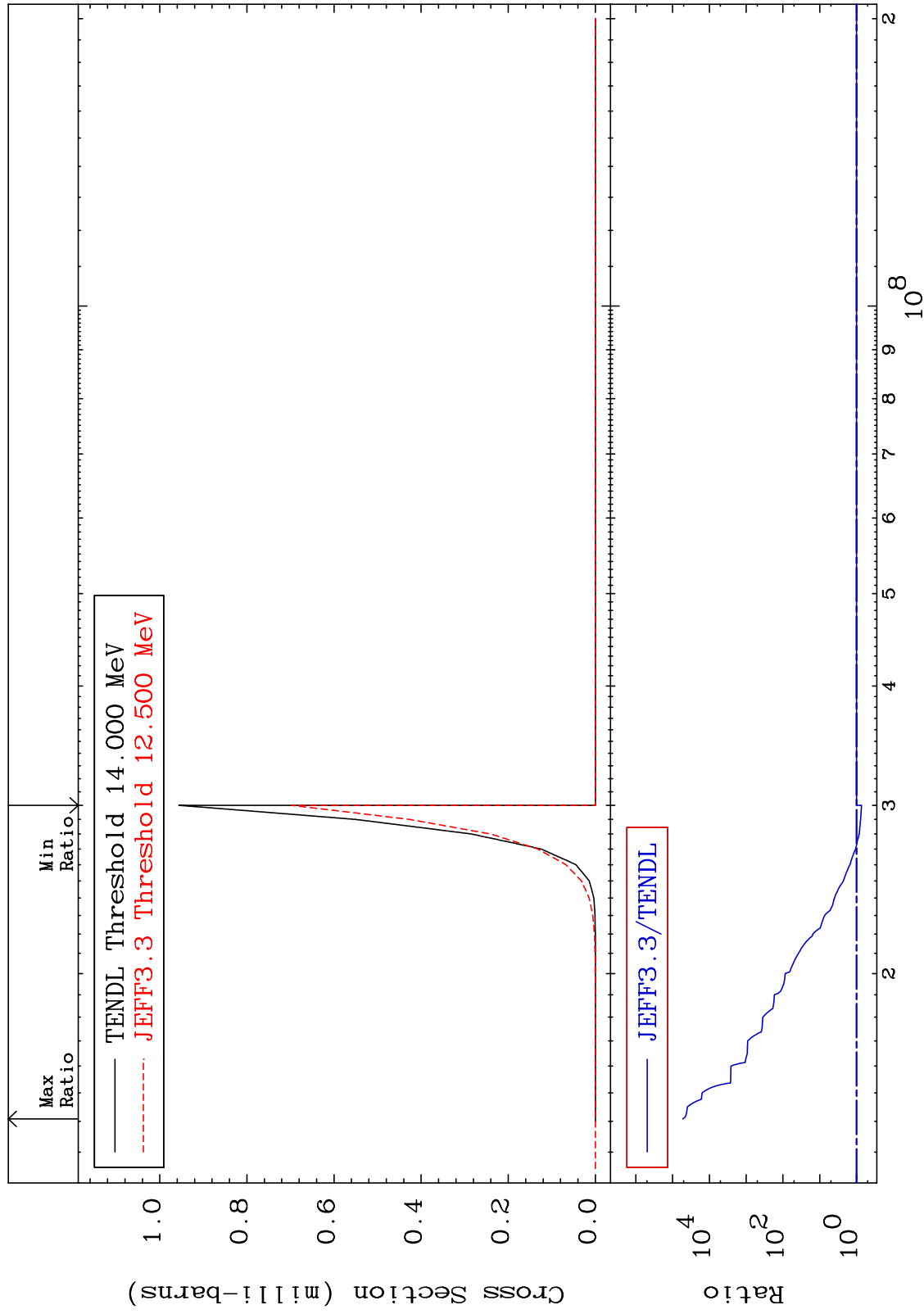
80-Hg-200

MAT 8037

(n,2n) α :78-Pt-195m7

80-Hg-200

Radionuclide Production Cross Section -27.02 To 9999. %



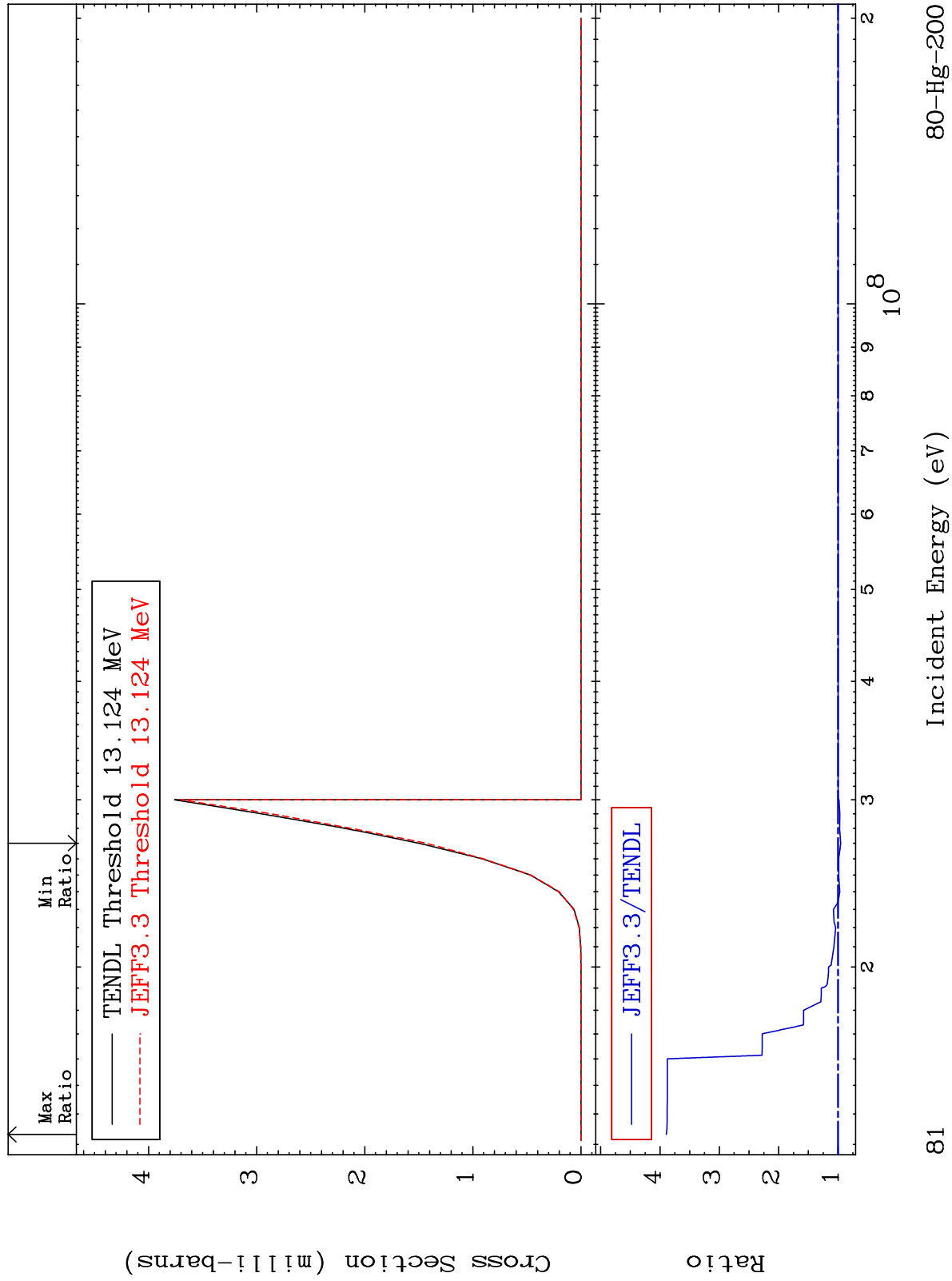
80

Incident Energy (eV)

80-Hg-200

MAT 8037

(n, n') d:79-Au-198g 80-Hg-200
Radionuclide Production Cross Section -4.561 To 289.3 %

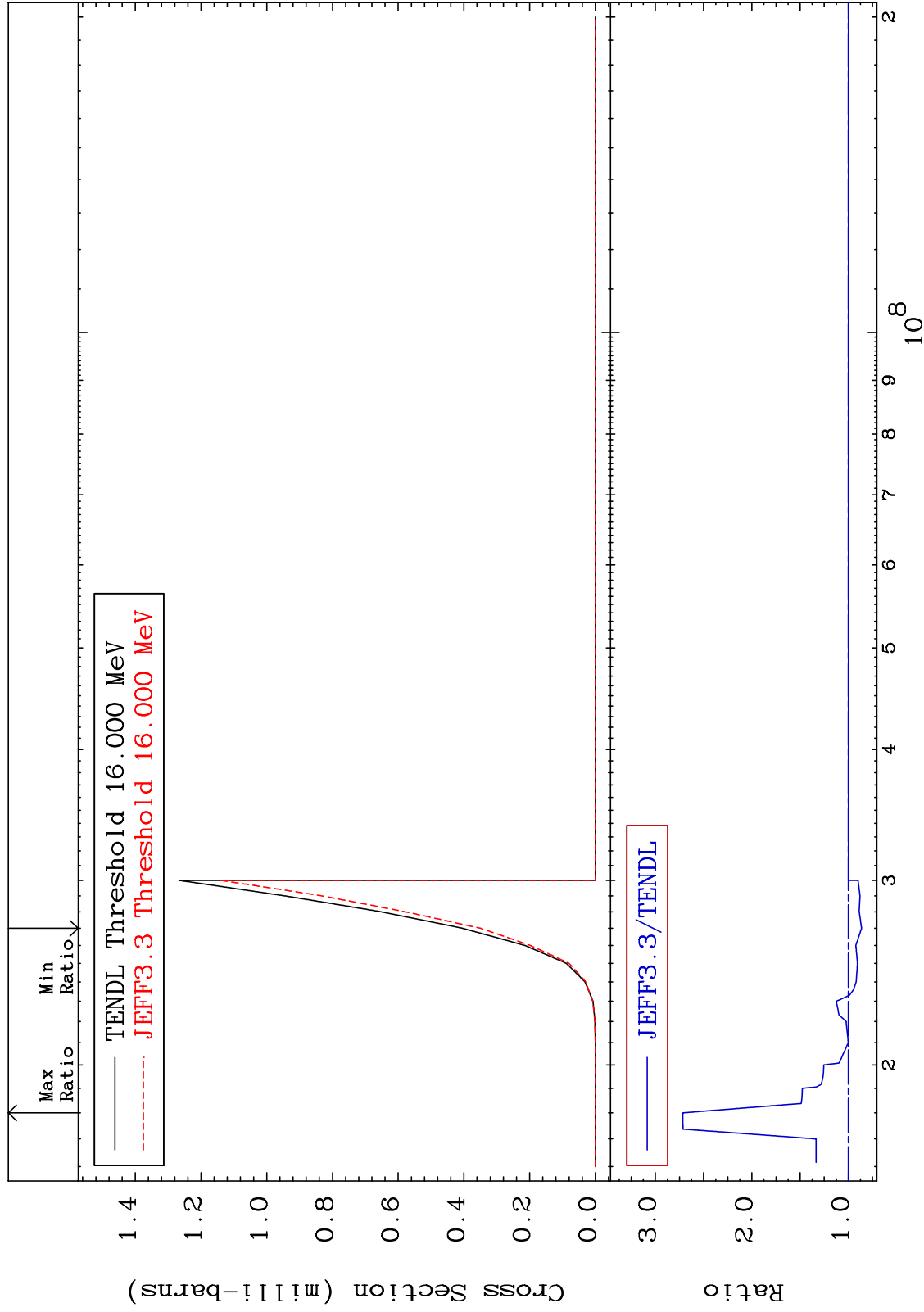


MAT 8037

(n, n') d:79-Au-198m5

80-Hg-200

Radionuclide Production Cross Section -13.66 To 171.5 %

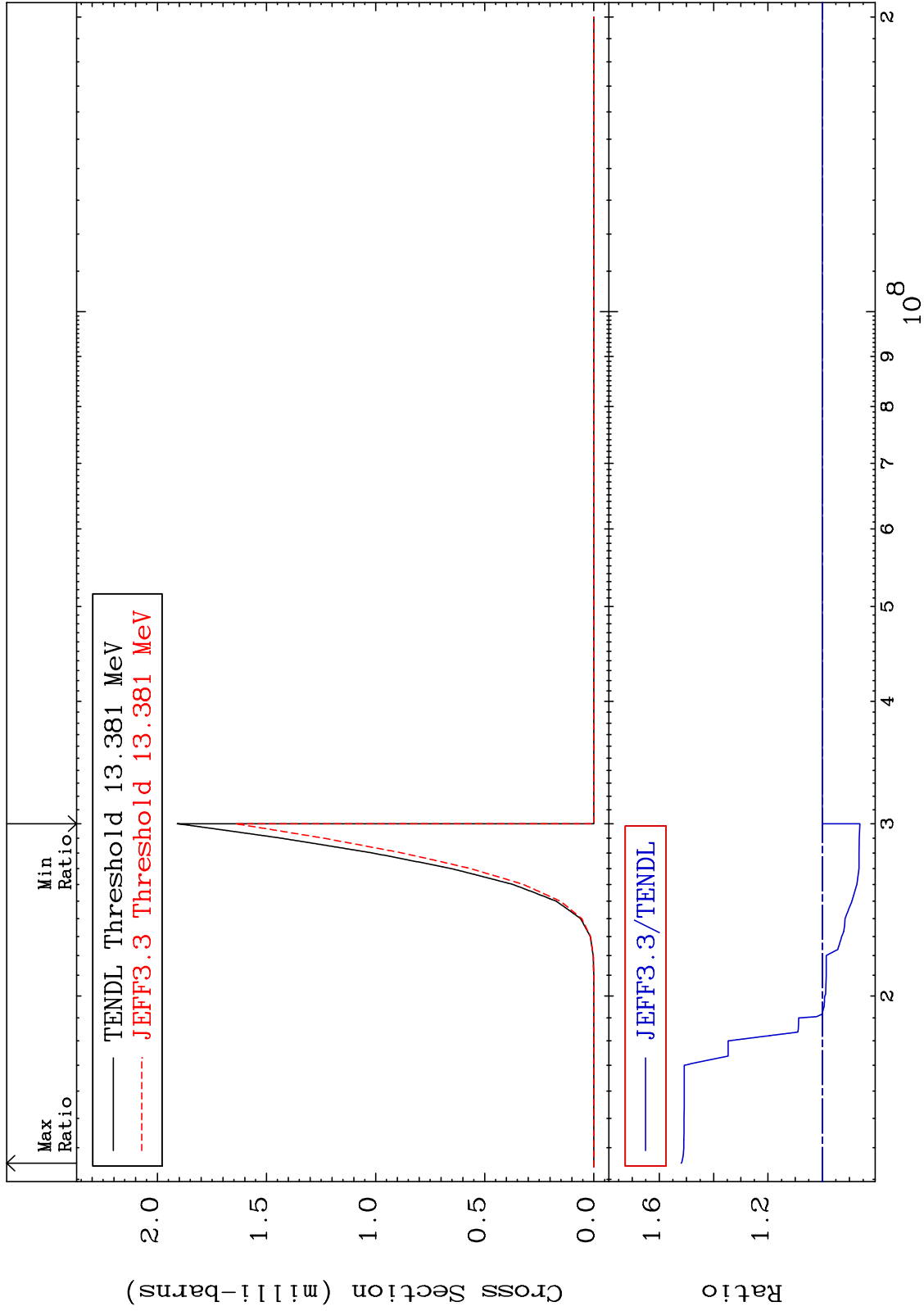


MAT 8037

(n, n') t:79-Au-197g

80-Hg-200

Radionuclide Production Cross Section -13.85 To 51.94 %

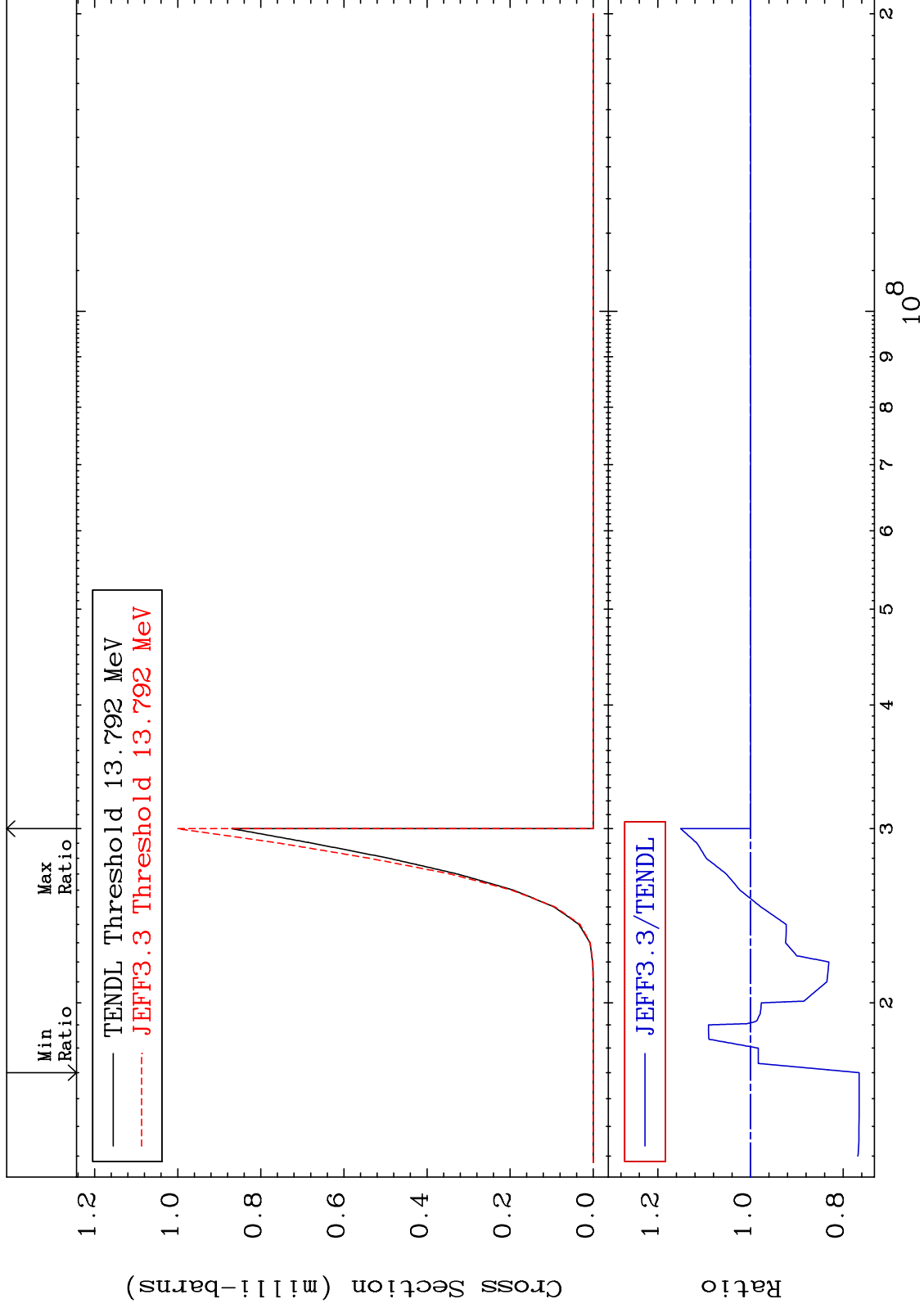


MAT 8037

(n, n') t:79-Au-197m4

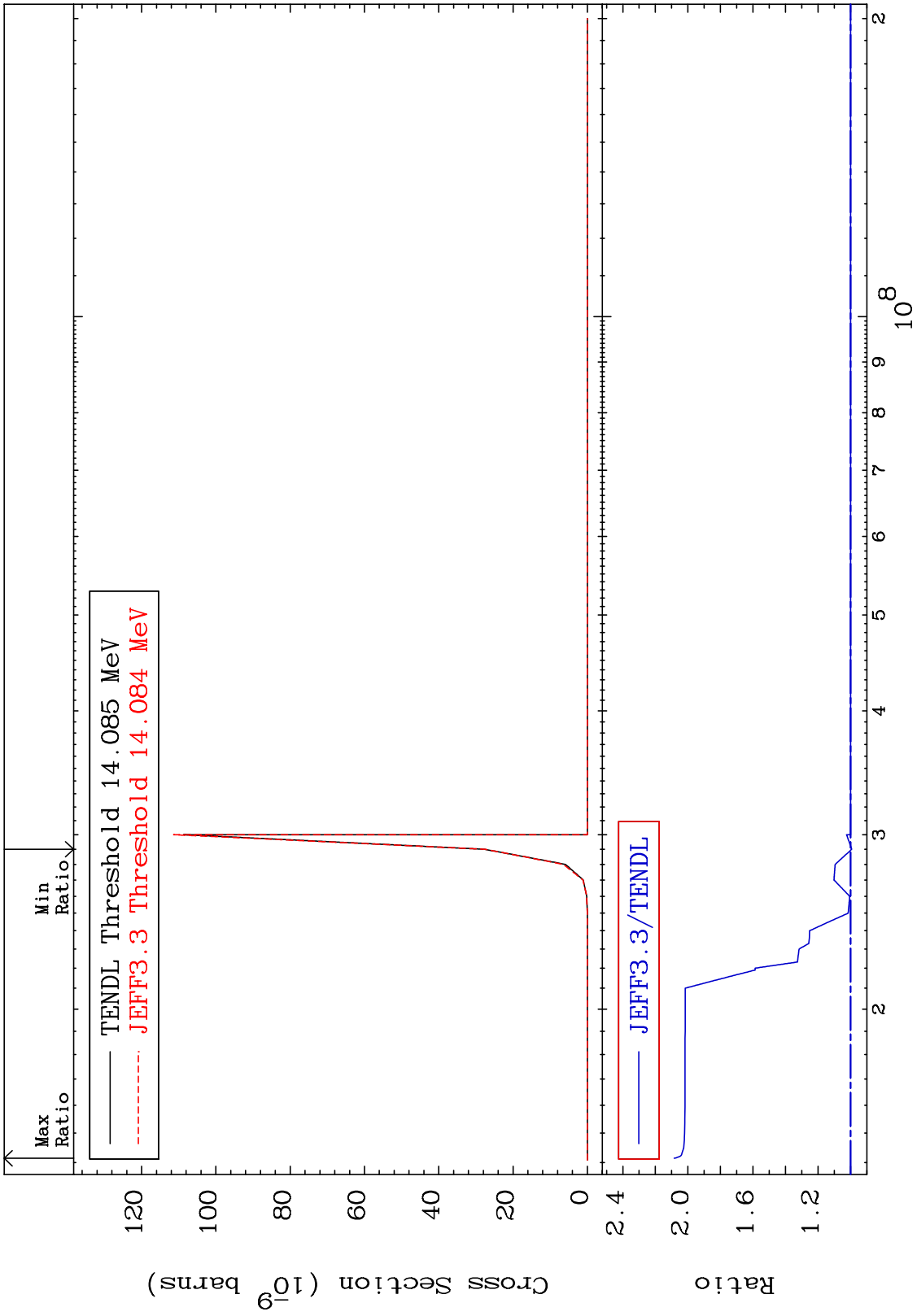
80-Hg-200

Radionuclide Production Cross Section -23.46 To 15.09 %



MAT 8037

(n, n') He-3:78-Pt-197g 80-Hg-200
Radionuclide Production Cross Section -0.735 To 108.4 %



85

Incident Energy (eV)

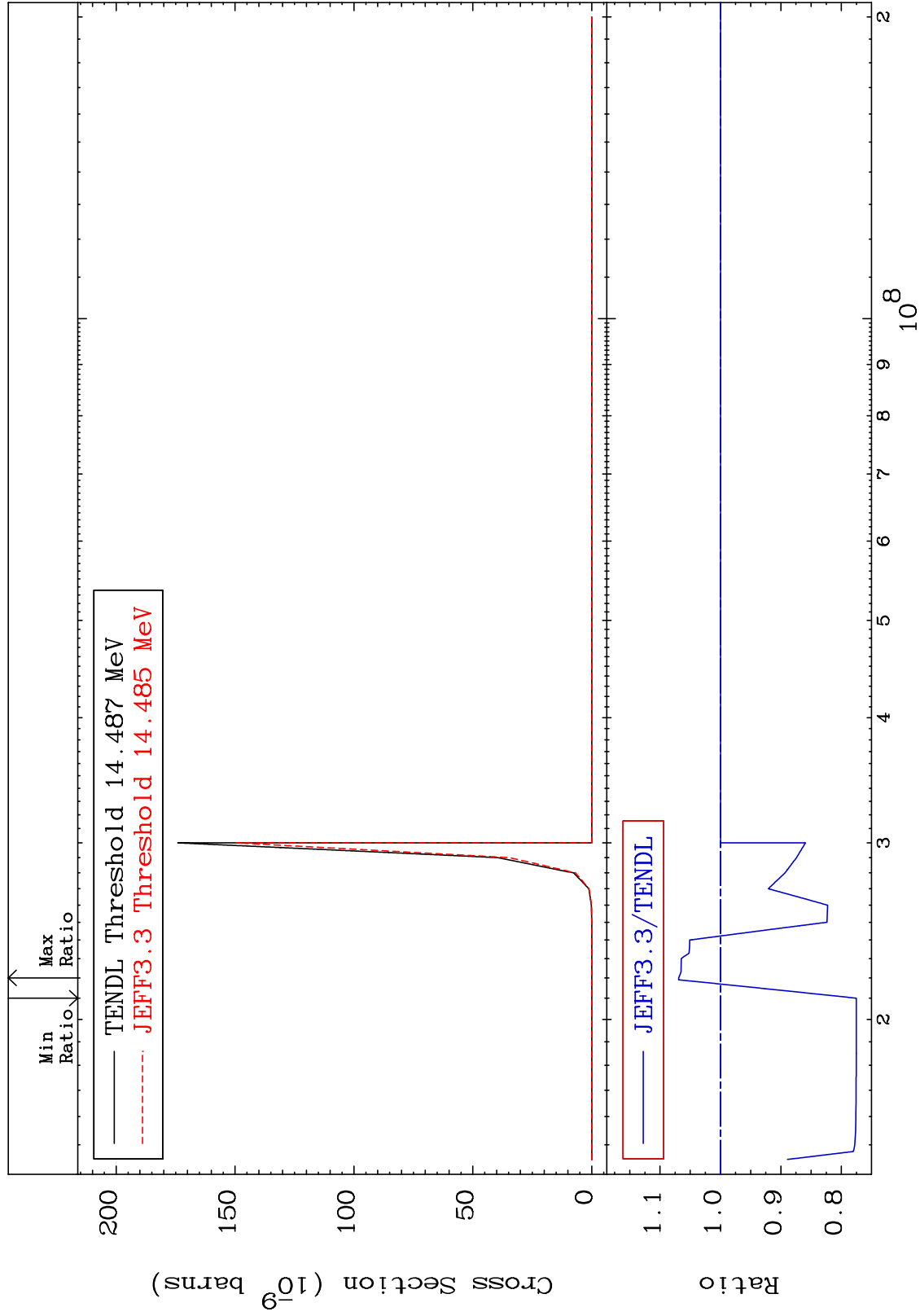
80-Hg-200

MAT 8037

(n, n') He-3:78-Pt-197m9

80-Hg-200

Radionuclide Production Cross Section -22.48 To 6.904 %



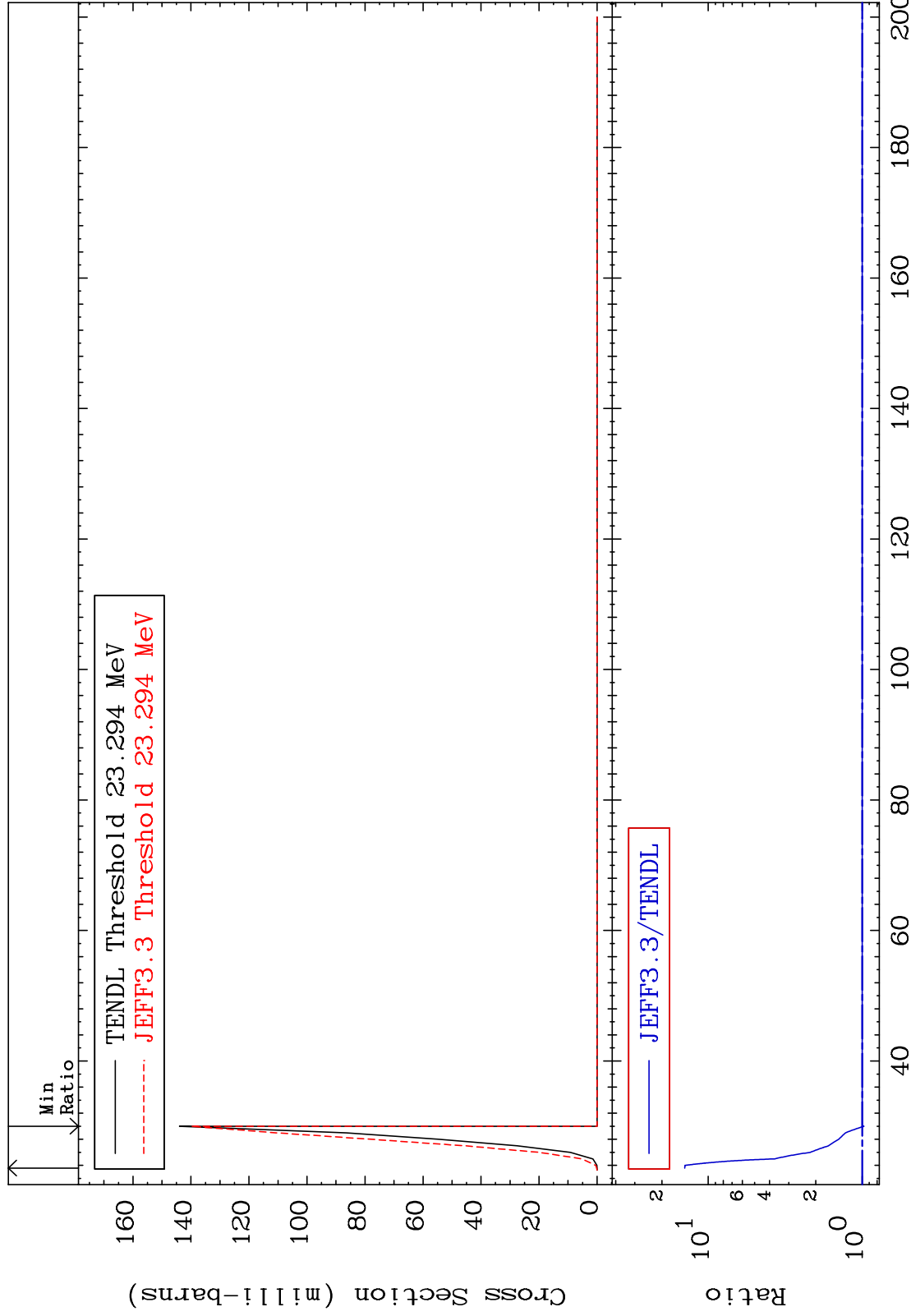
MAT 8037

(n,4n):80-Hg-197g

80-Hg-200

Radionuclide Production Cross Section

-2.772 To 1321. %



87

Incident Energy (MeV)

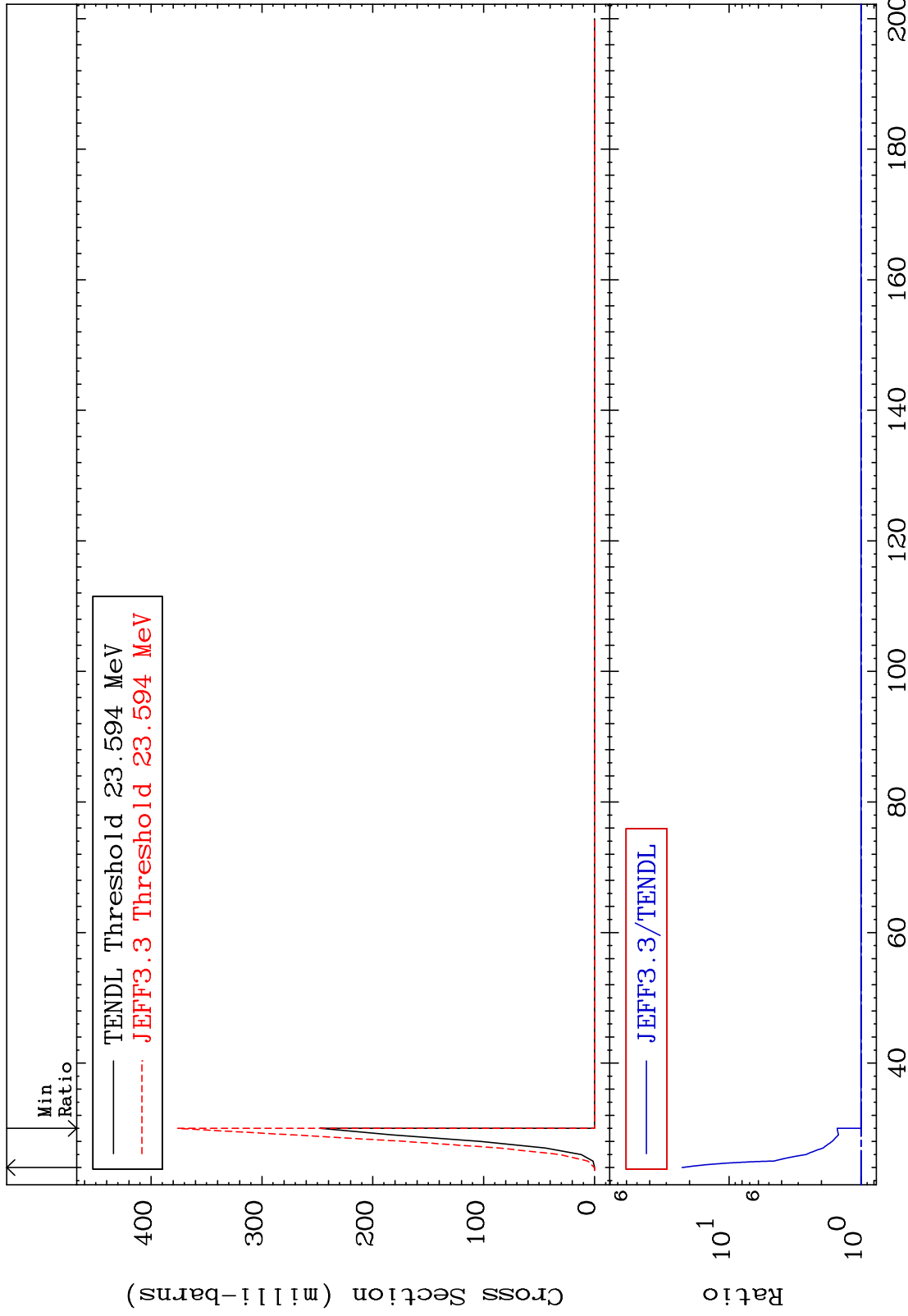
80-Hg-200

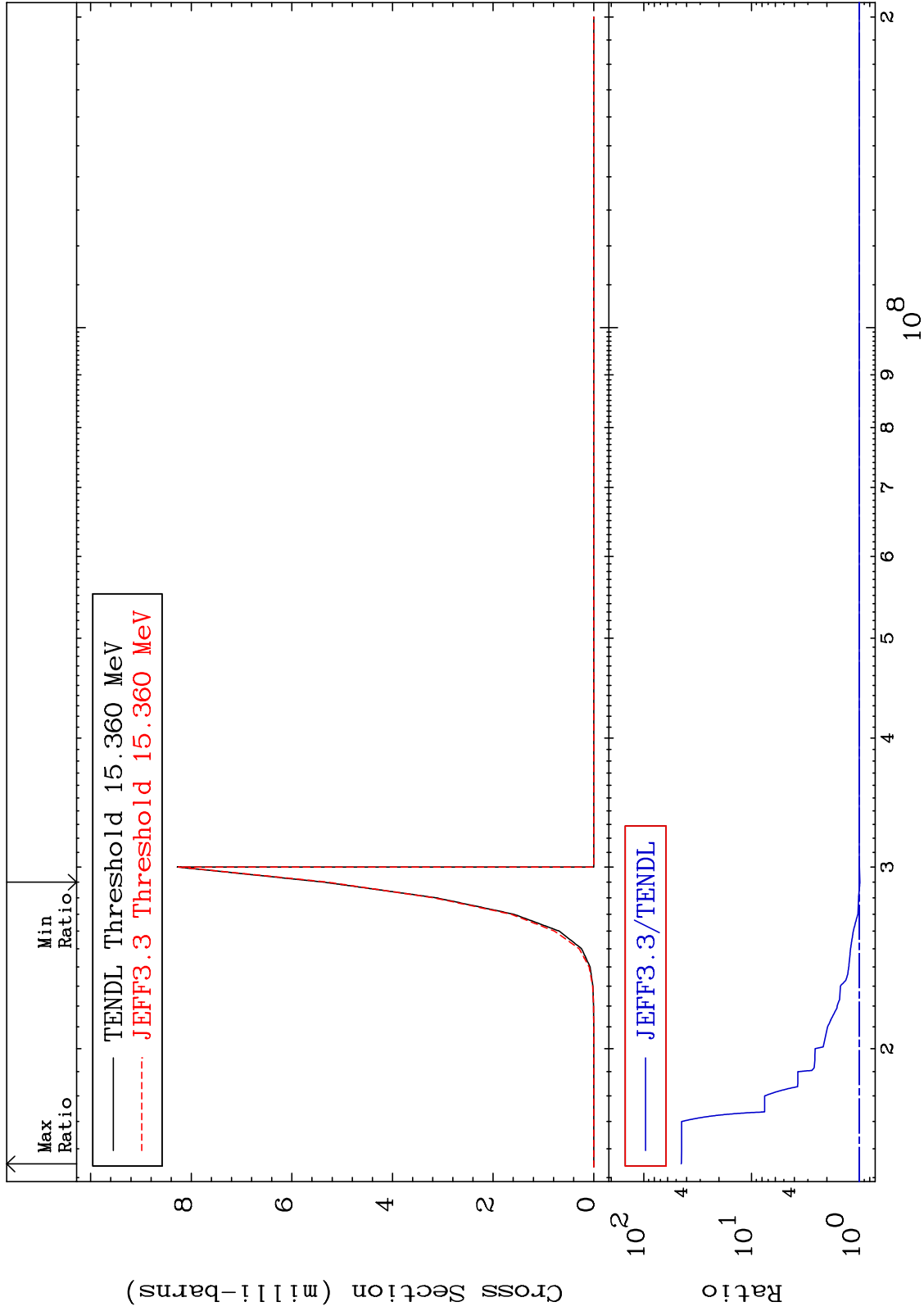
MAT 8037

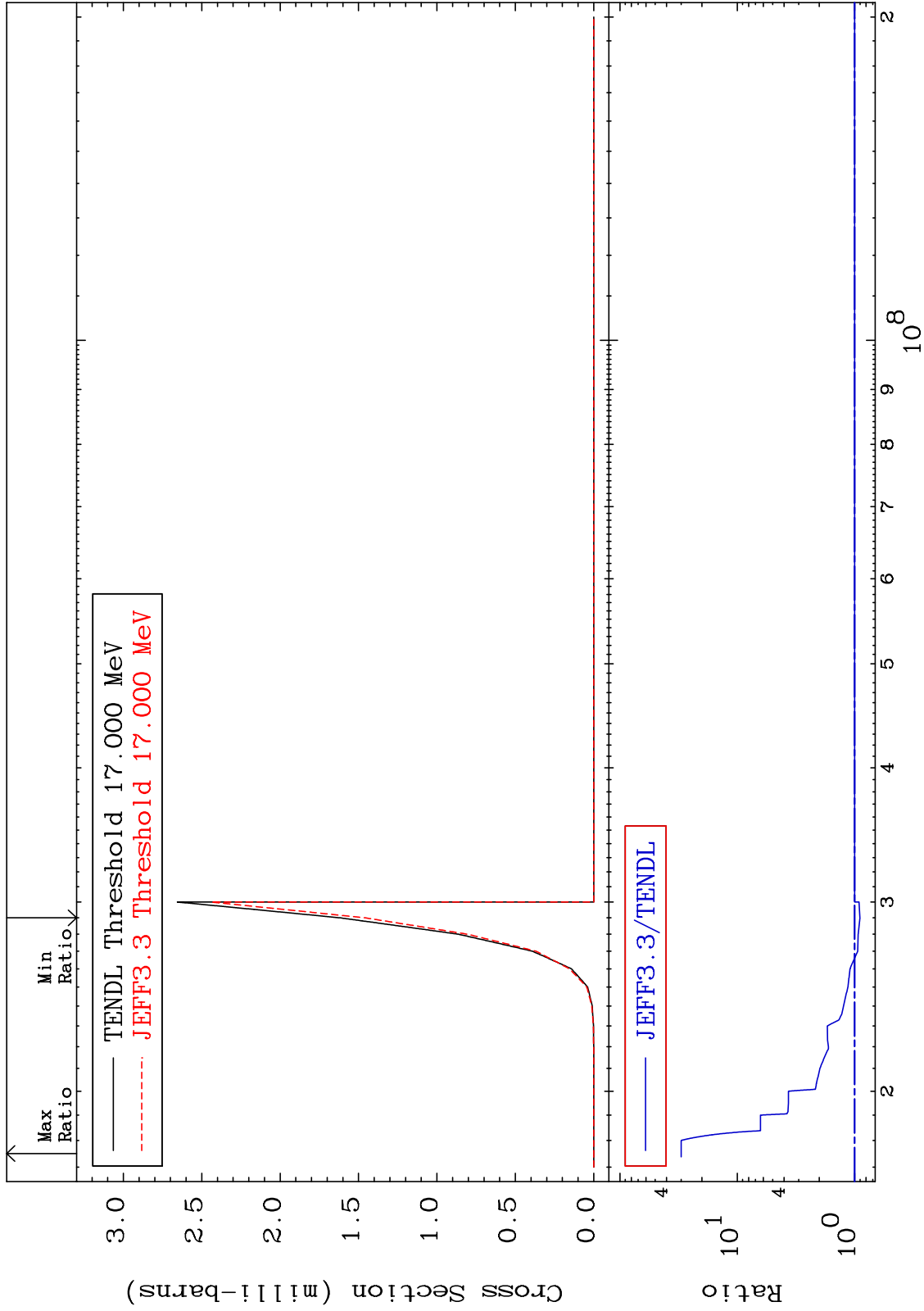
(n, 4n): 80-Hg-197m4

80-Hg-200

Radionuclide Production Cross Section 0.000 To 2172. %







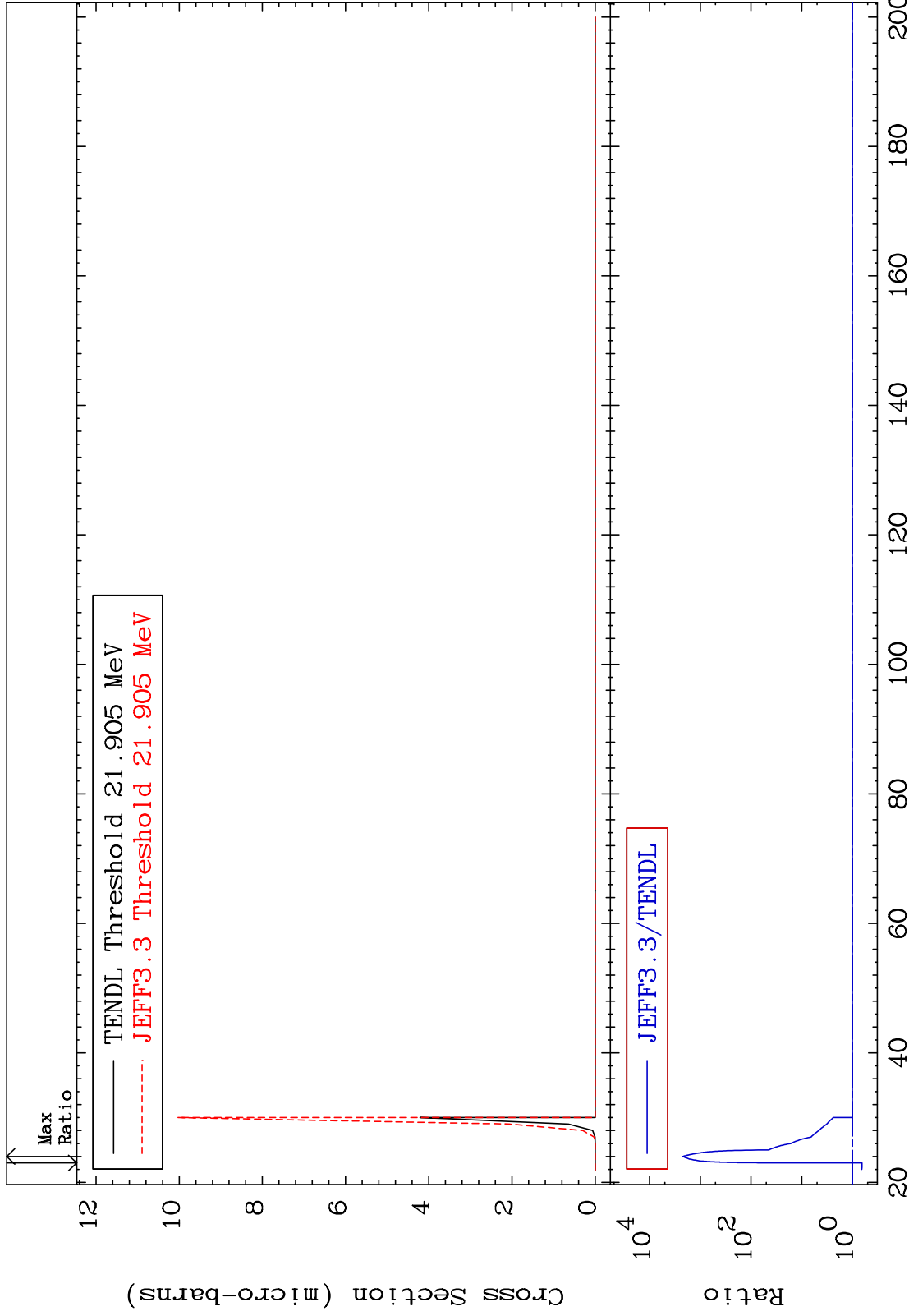
MAT 8037

(n,3n) p:79-Au-197g

80-Hg-200

Radionuclide Production Cross Section

-35.29 To 9999. %

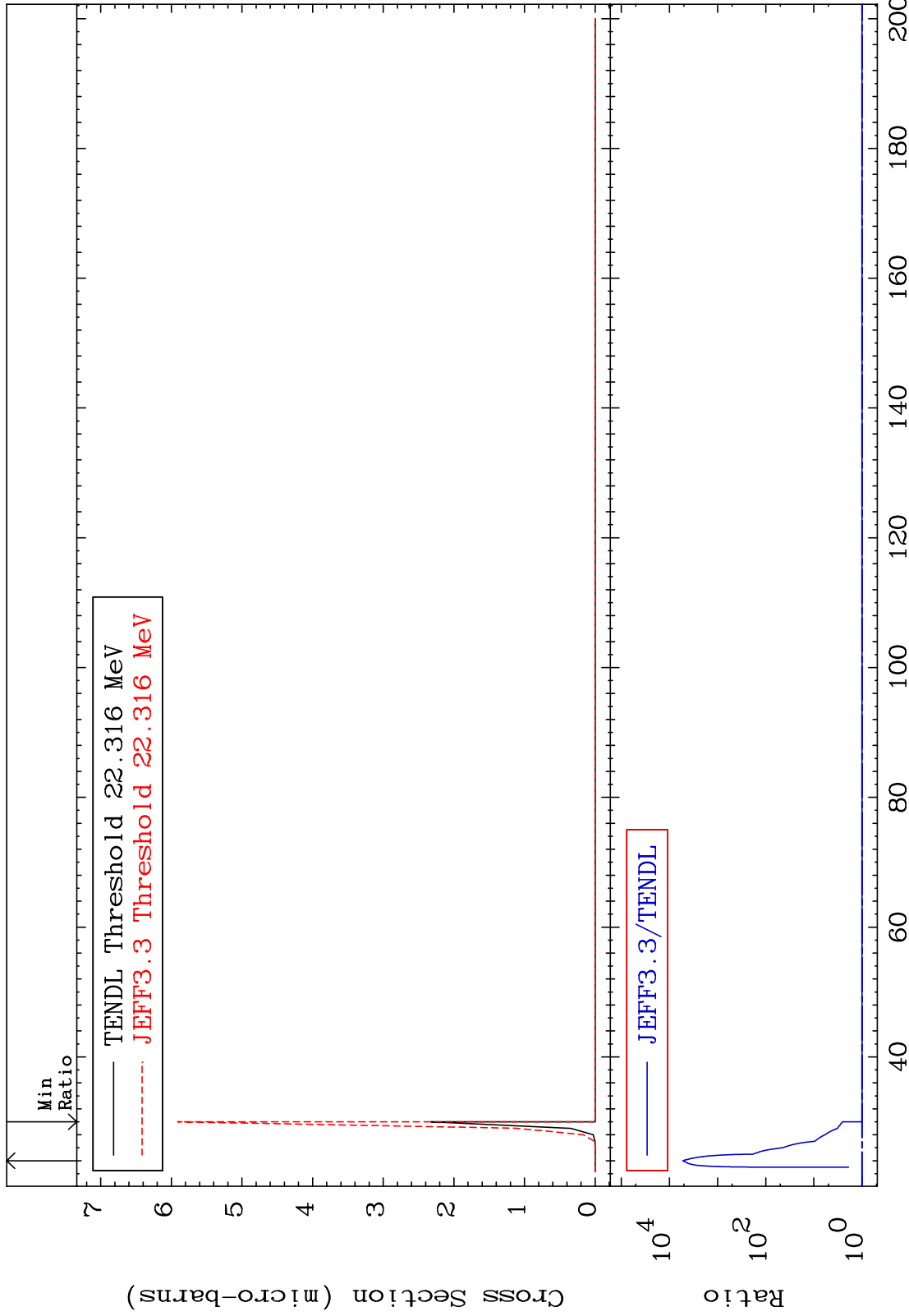


MAT 8037

(n,3n) p:79-Au-197m4

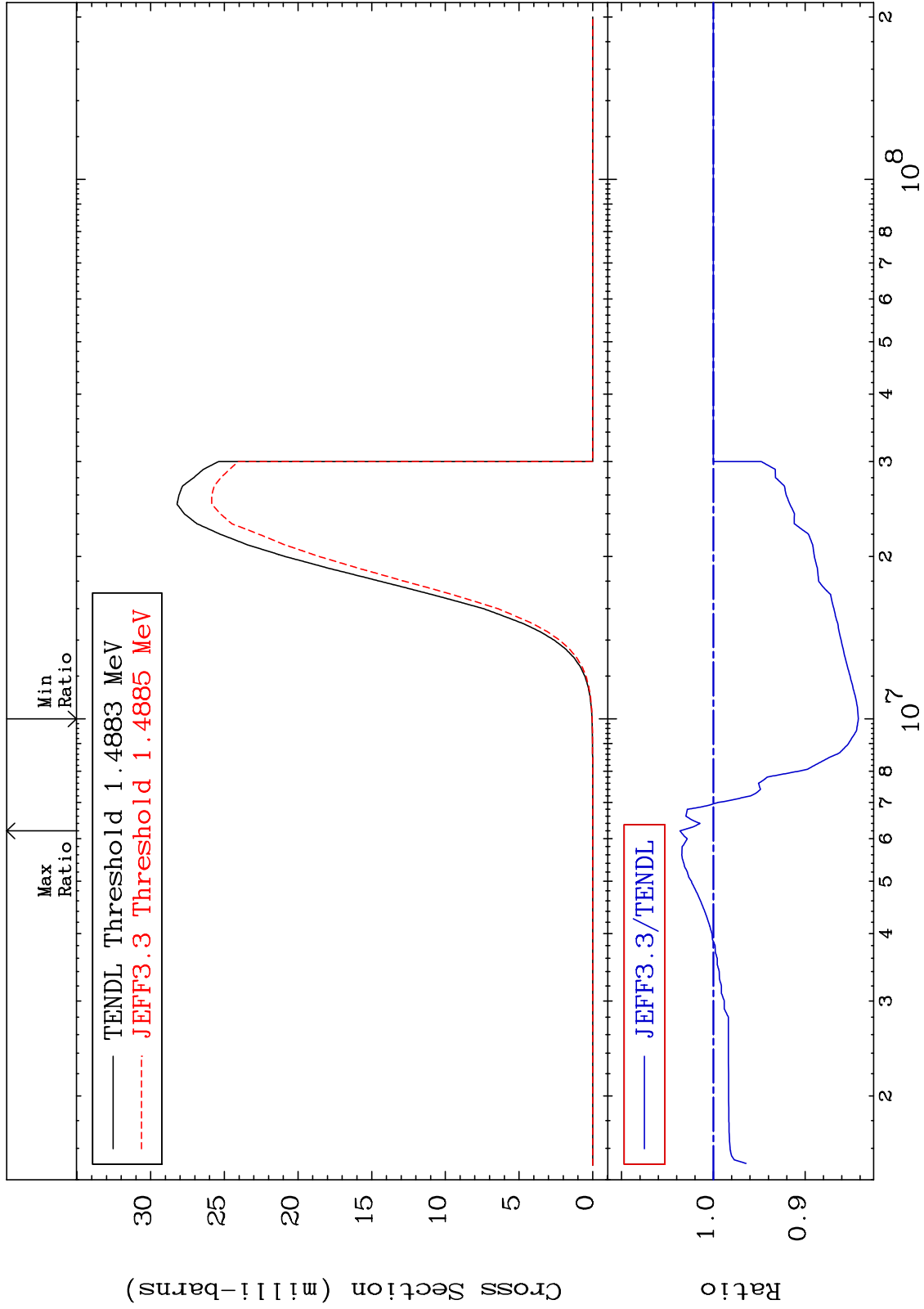
80-Hg-200

Radionuclide Production Cross Section 0.000 To 9999. %



MAT 8037

(n,p):79-Au-200g 80-Hg-200
Radionuclide Production Cross Section -15.81 To 3.632 %

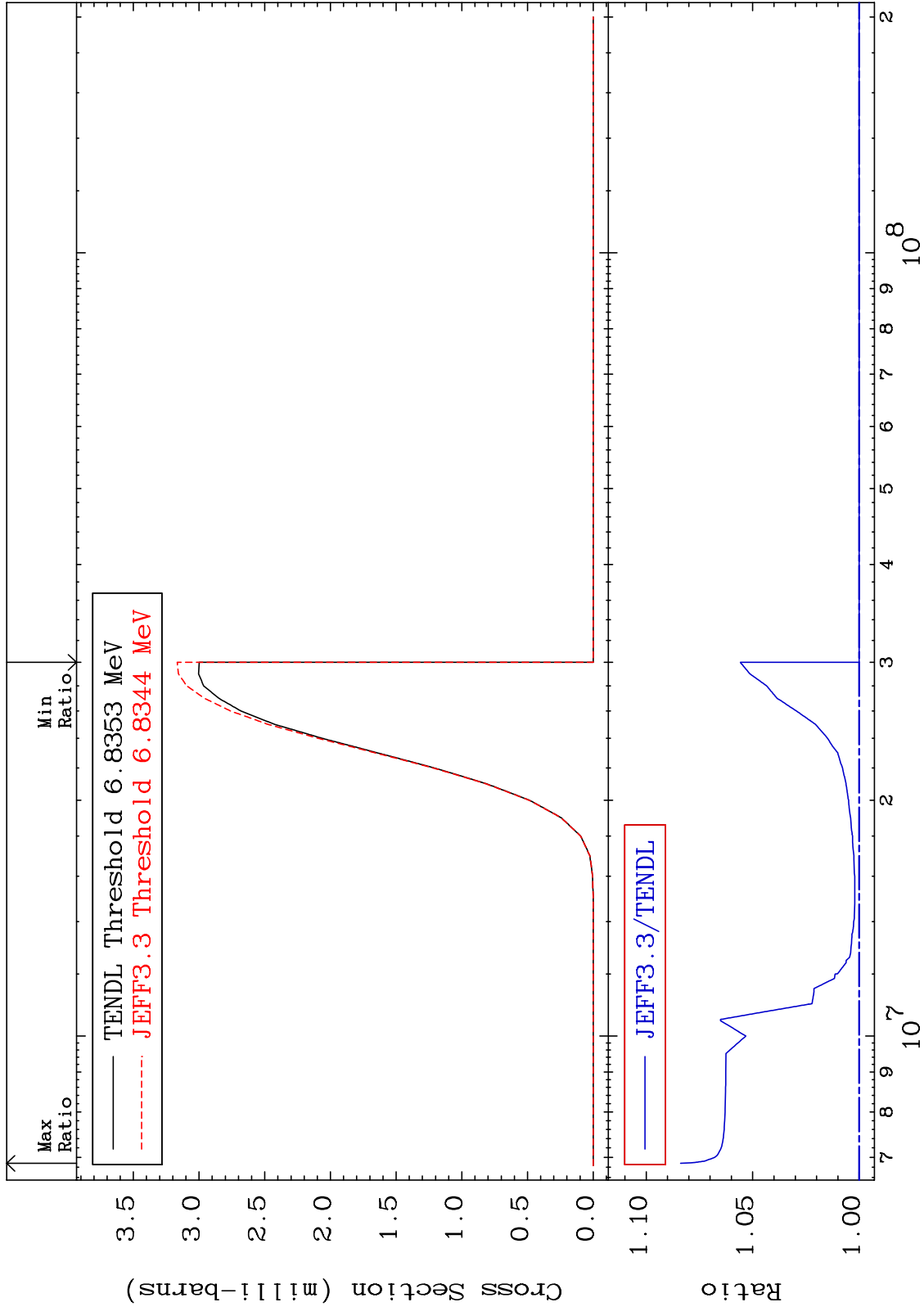


MAT 8037

(n, t): 79-Au-198g

80-Hg-200

Radionuclide Production Cross Section 0.000 To 8.383 %



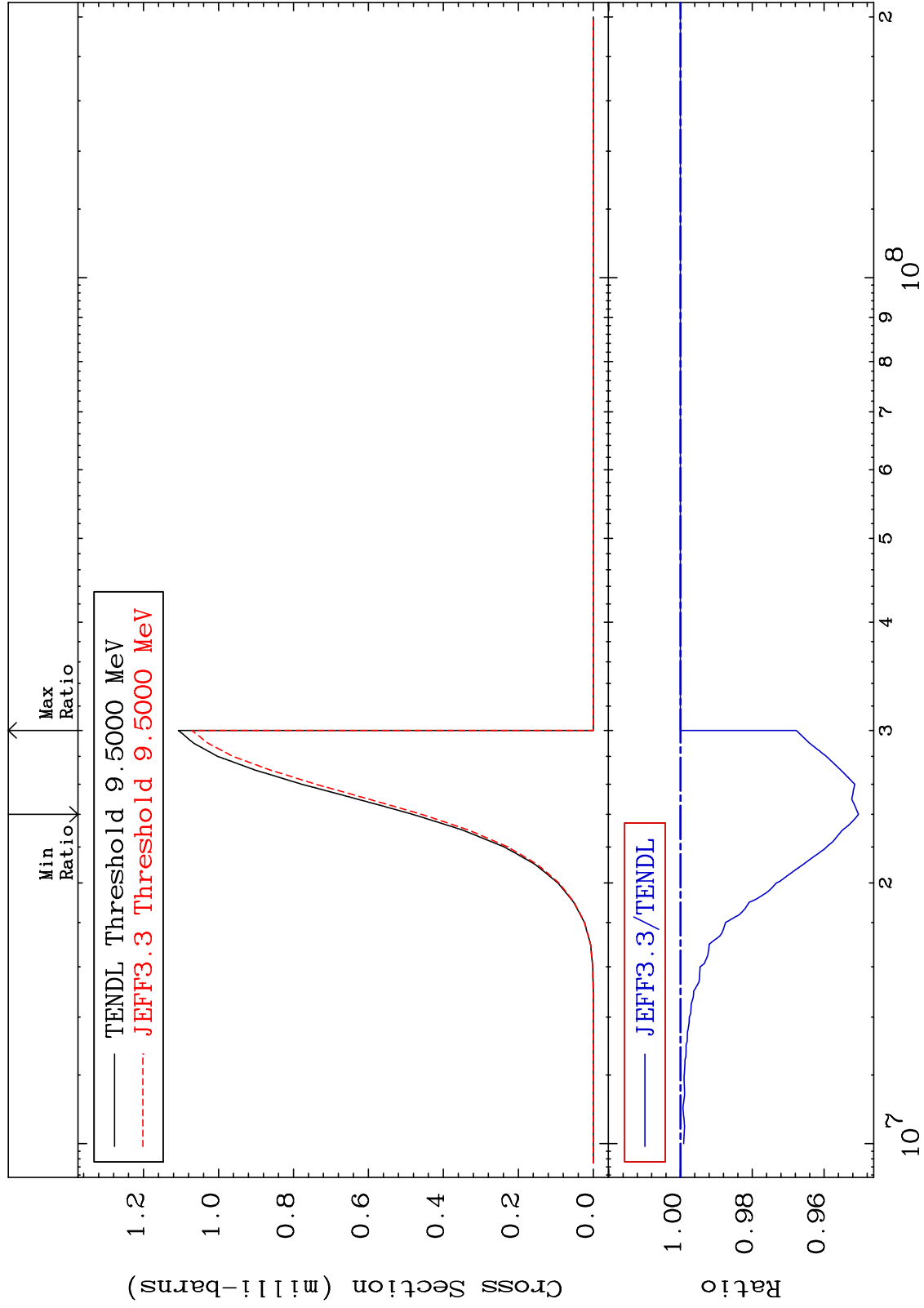
MAT 8037

(n, t): 79-Au-198m5

80-Hg-200

Radionuclide Production Cross Section

-4.961 To 0.000 %



95

Incident Energy (eV)

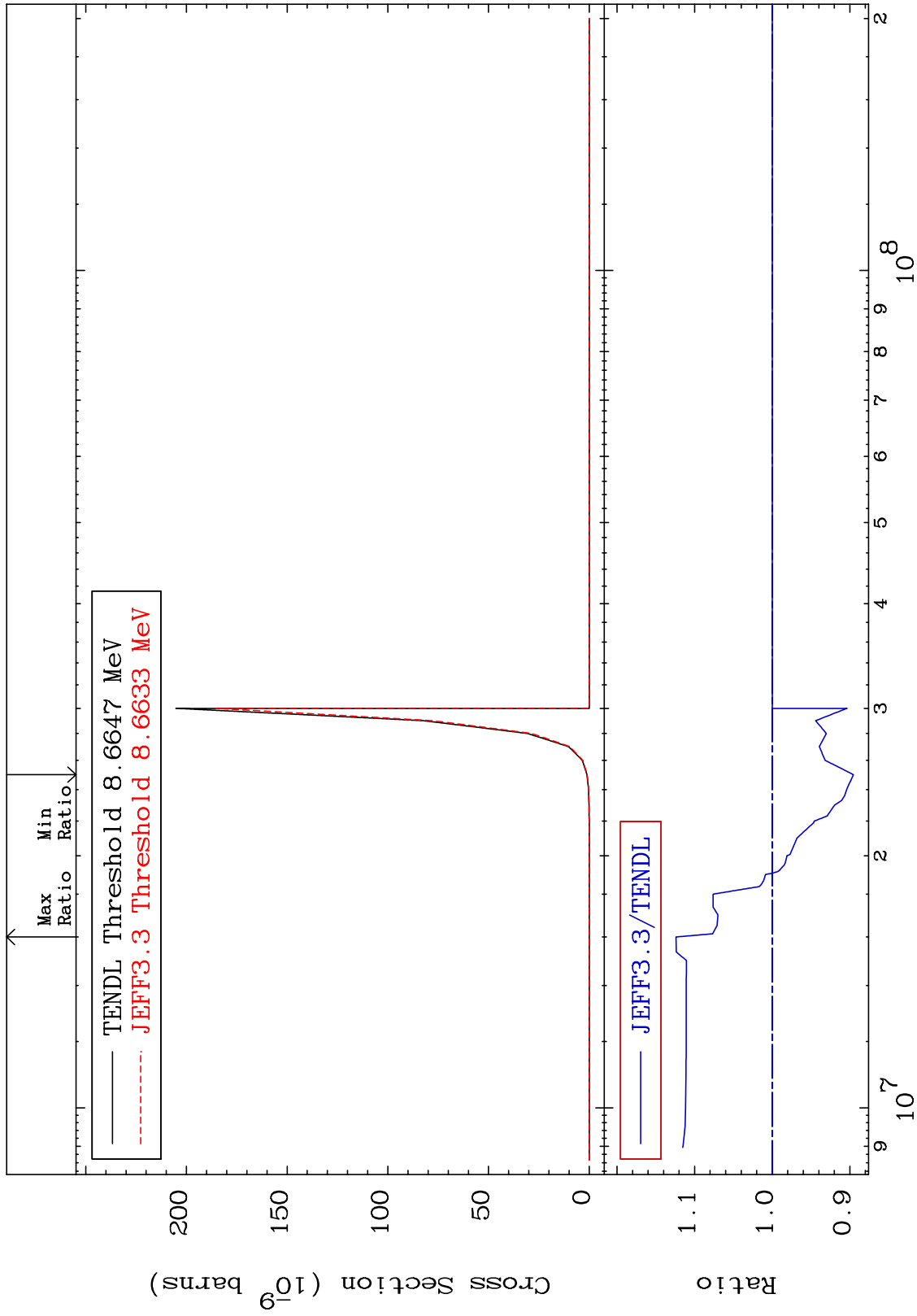
80-Hg-200

MAT 8037

(n,2p):78-Pt-199g

80-Hg-200

Radionuclide Production Cross Section -10.46 To 12.39 %



96

Incident Energy (eV)

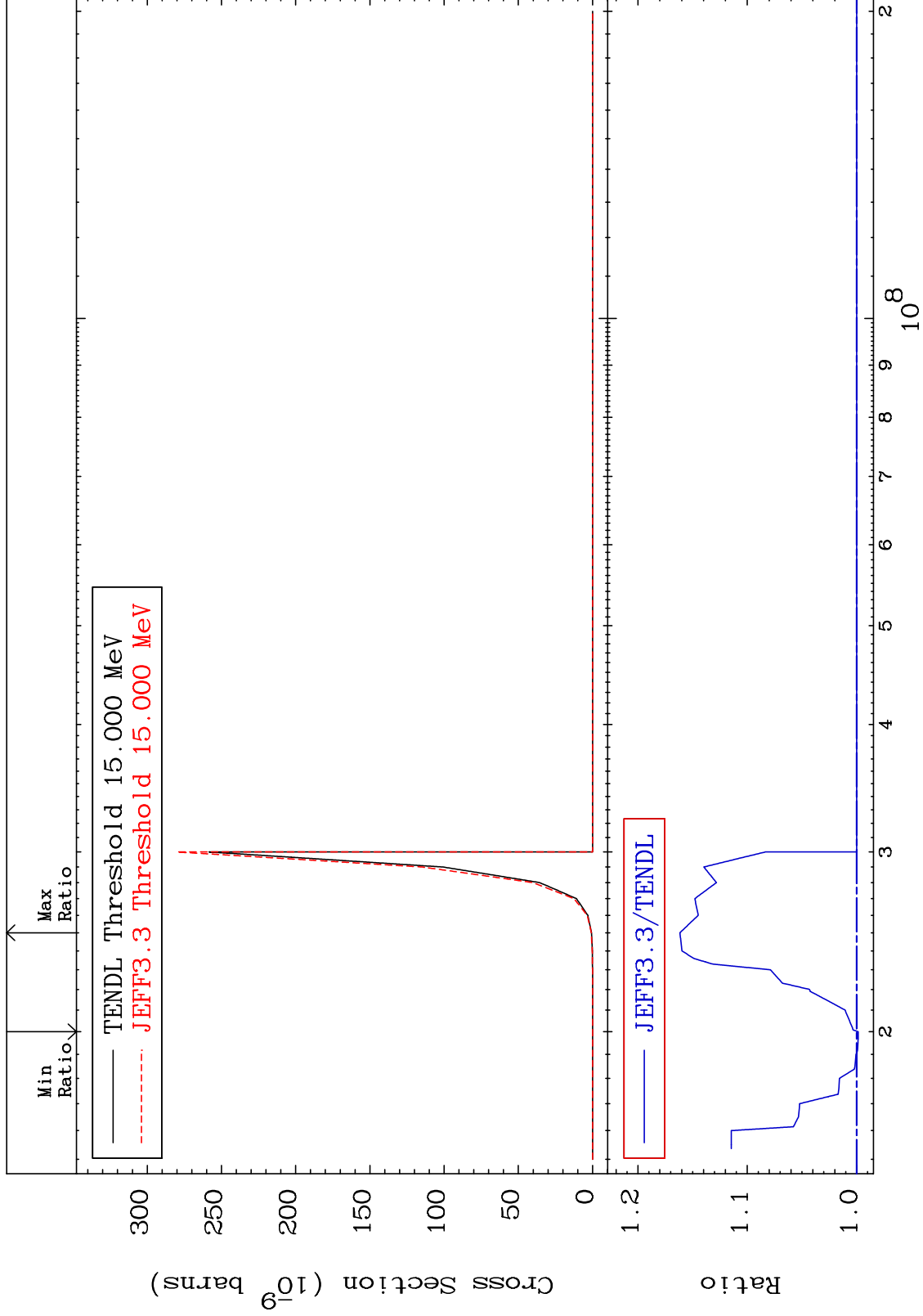
80-Hg-200

MAT 8037

(n,2p):78-Pt-199m8

80-Hg-200

Radionuclide Production Cross Section -0.146 To 16.16 %



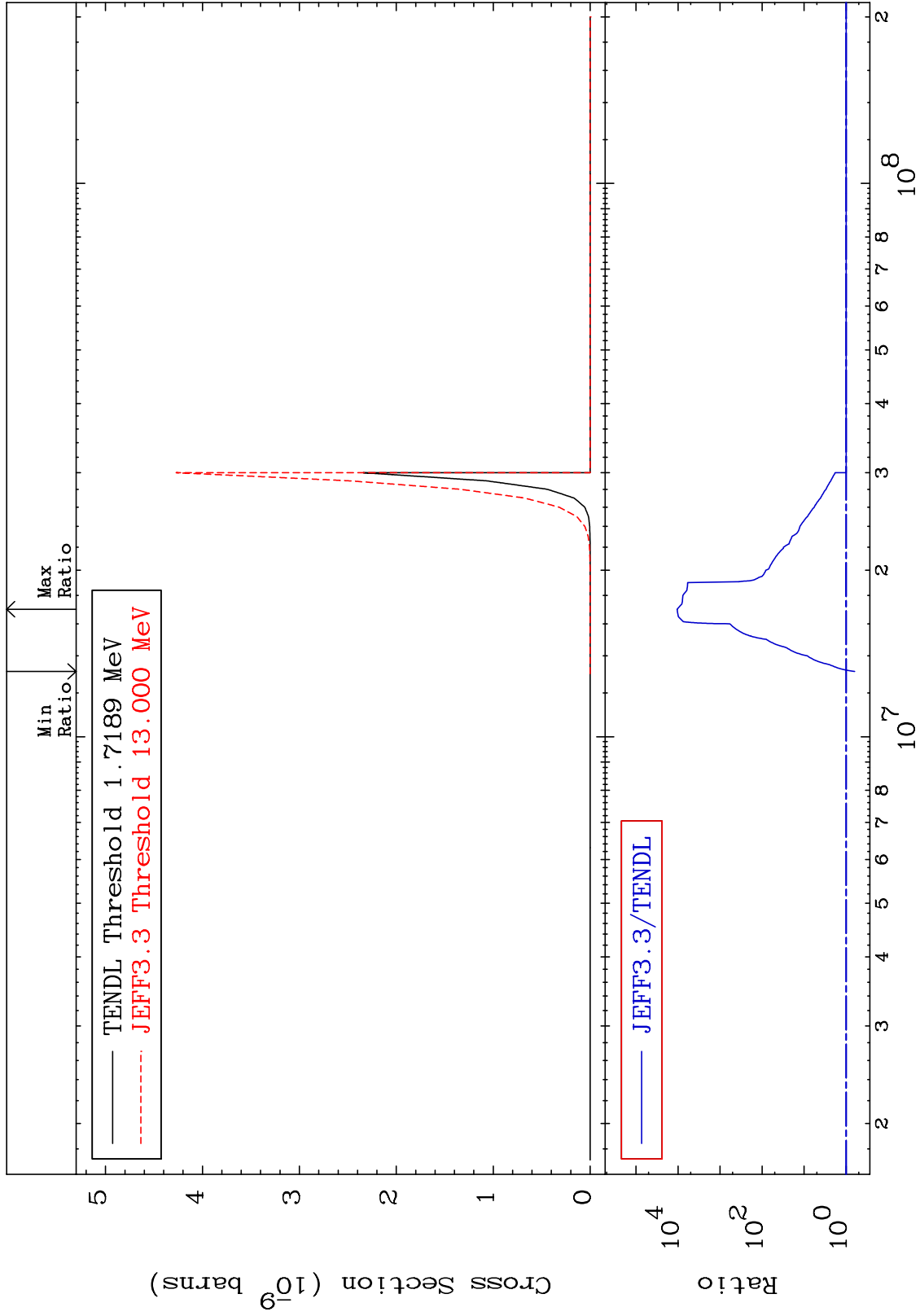
MAT 8037

(n, p) α : 77-Ir-196g

80-Hg-200

Radionuclide Production Cross Section

-37.32 To 9999. %



MAT 8037

(n, p) α : 77-Ir-196m4

80-Hg-200

Radionuclide Production Cross Section

-61.57 To 9999. %

