

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

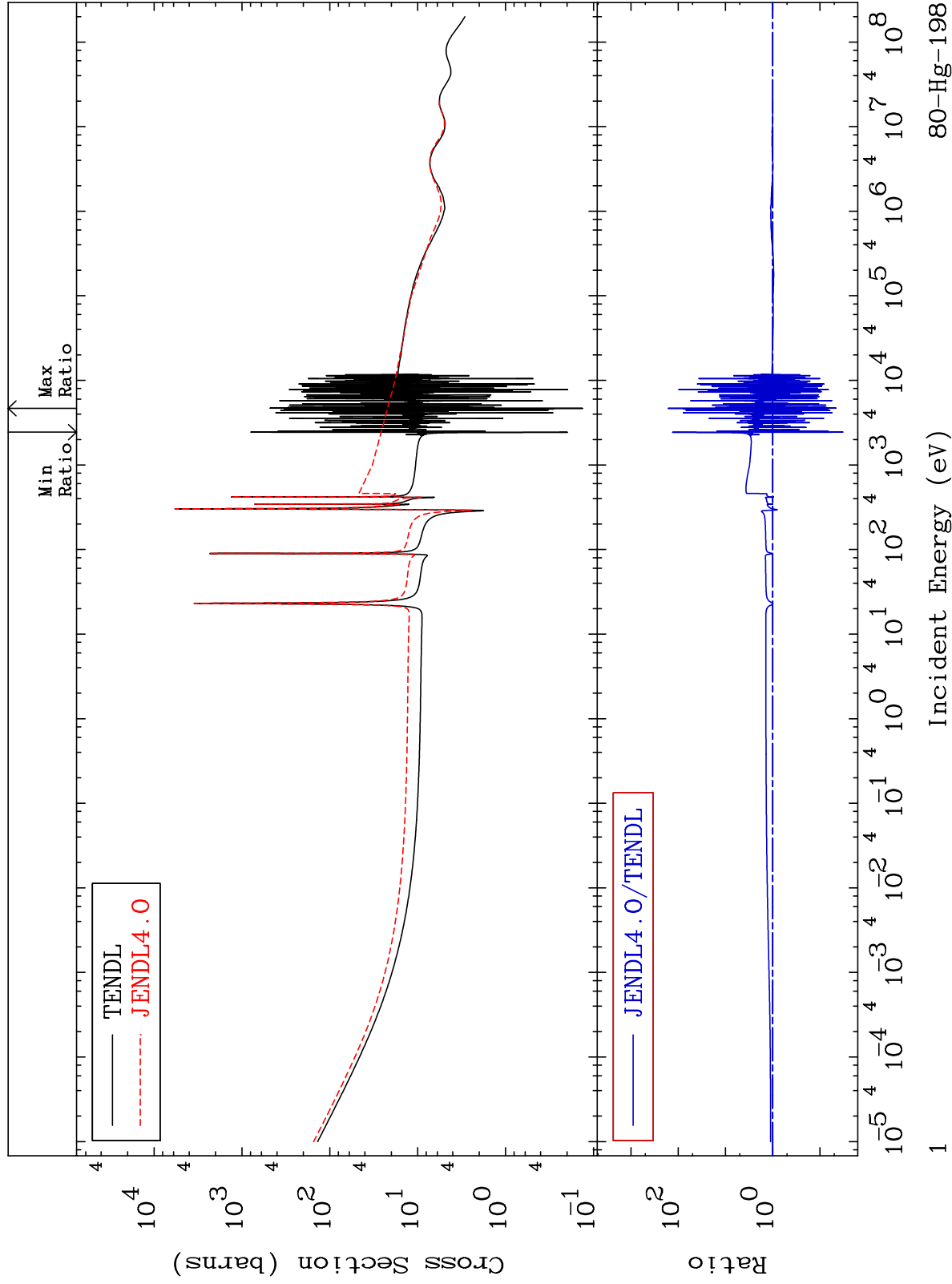
MAT 8031

Total

80-Hg-198

Cross Section

-96.72 To 9999. %

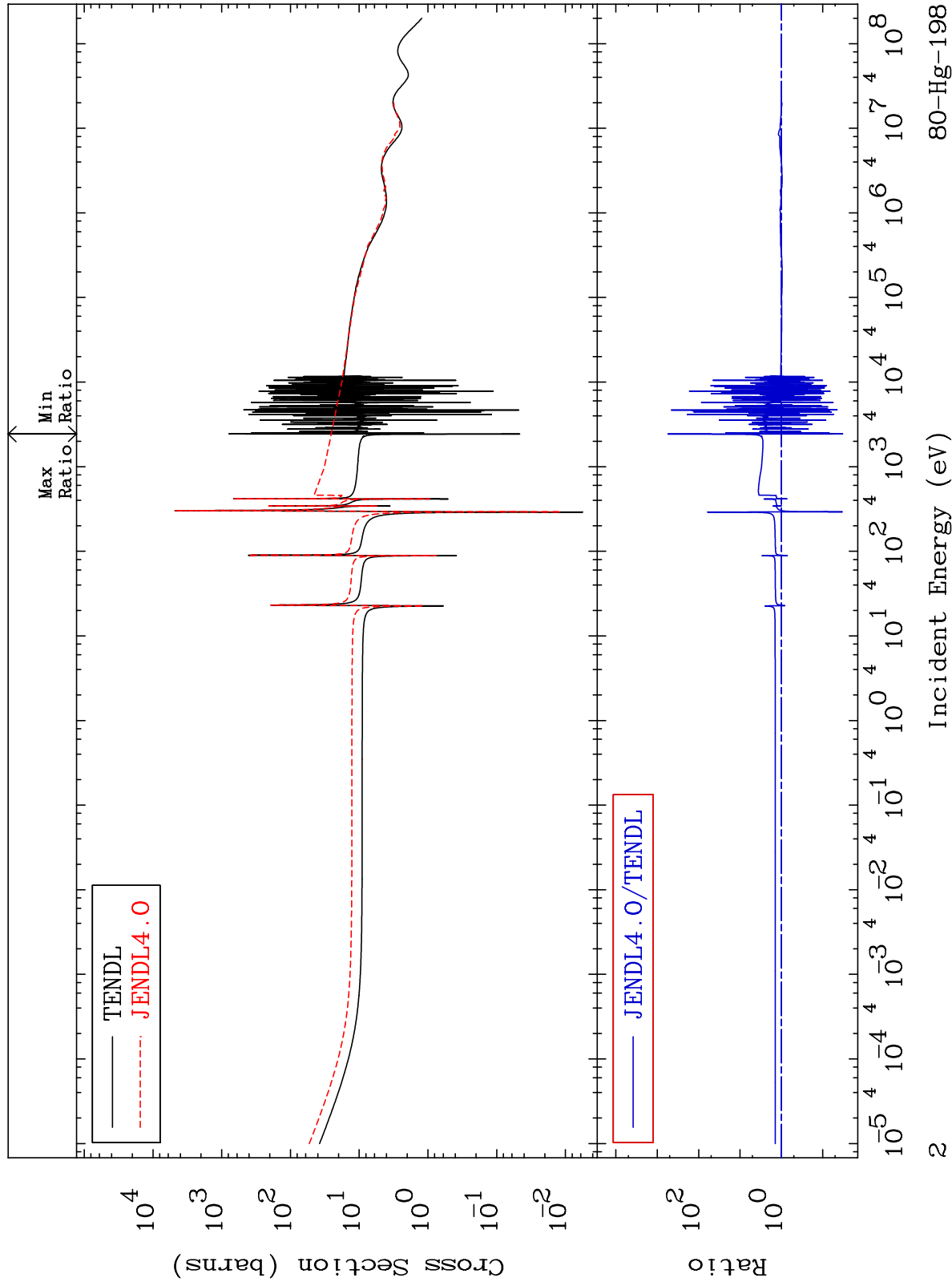


80-Hg-198

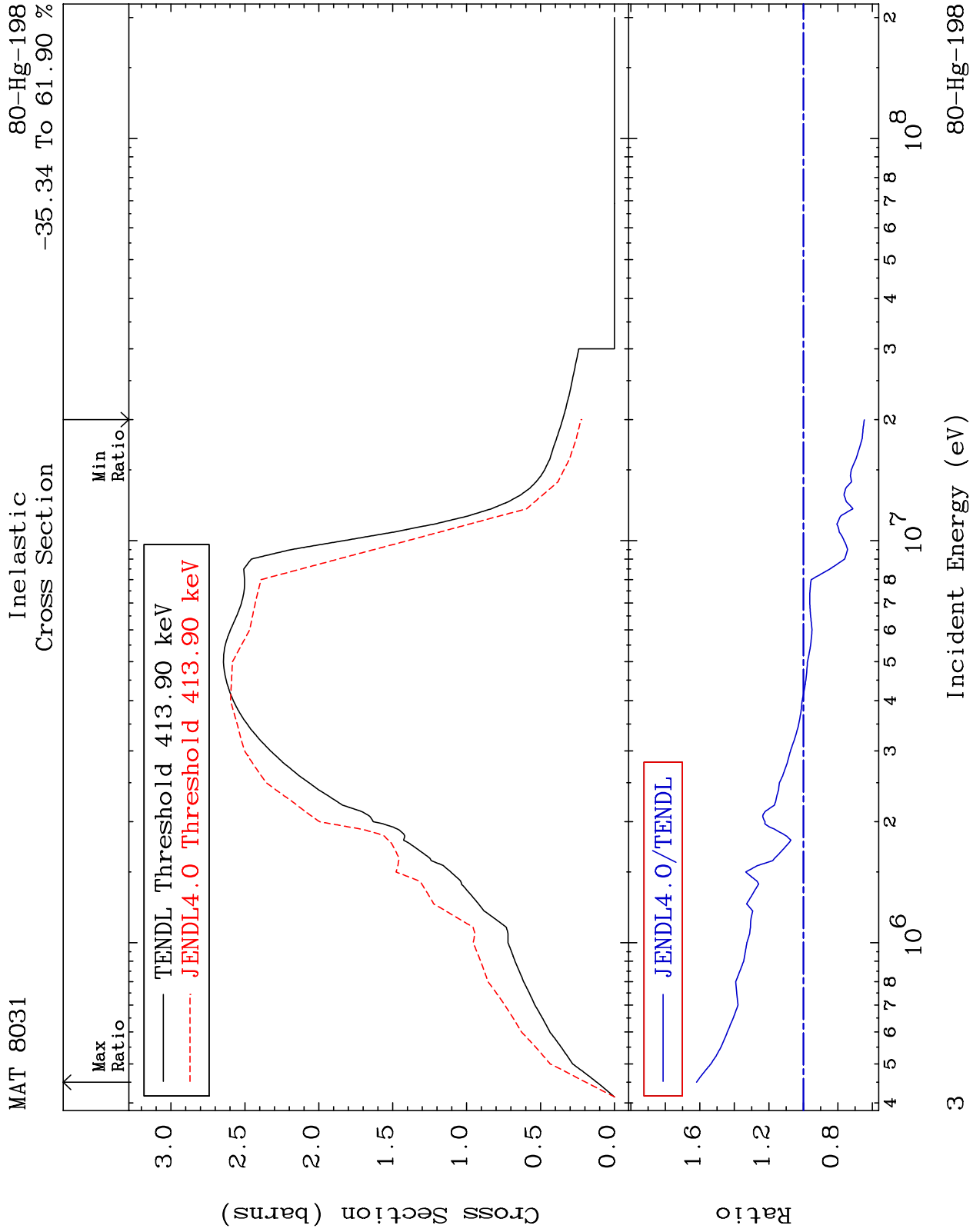
MAT 8031

Elastic
Cross Section

80-Hg-198
-96.73 To 9999. %



80-Hg-198



MAT 8031

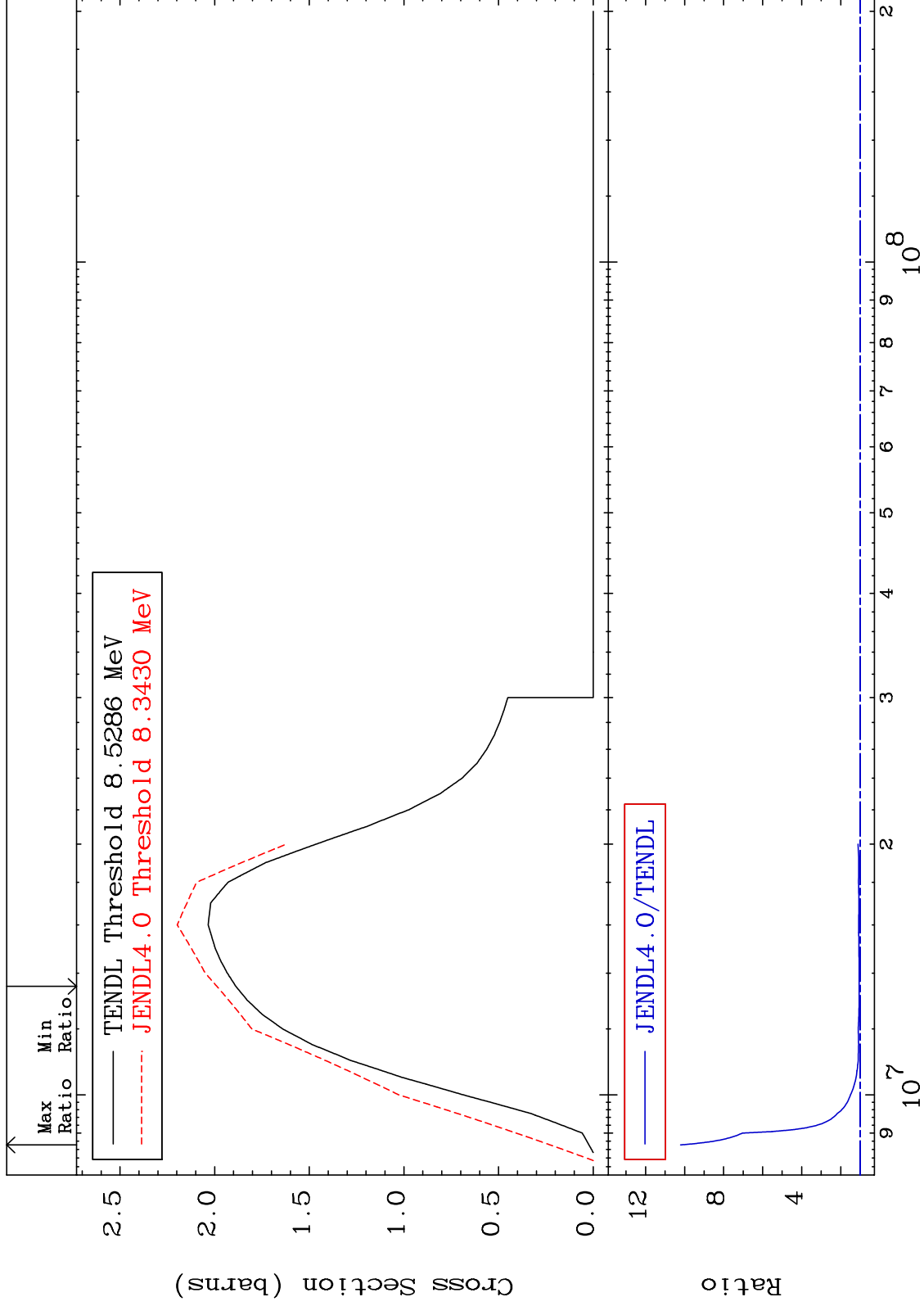
(n,2n)

80-Hg-198

Cross Section

5.287

To 920.5 %



MAT 8031

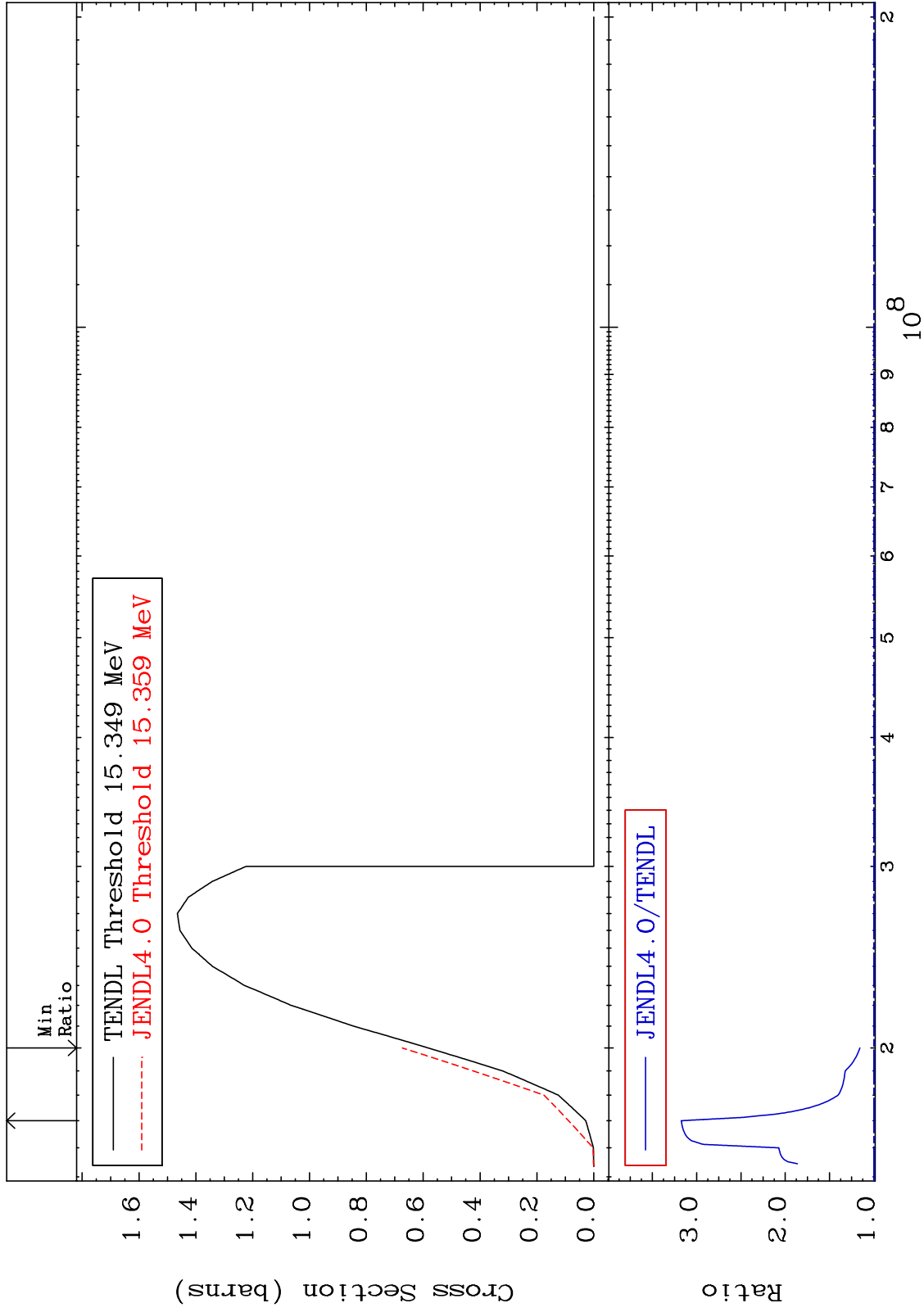
(n,3n)

80-Hg-198

Cross Section

15.67

To 217.4 %



5

Incident Energy (eV)

80-Hg-198

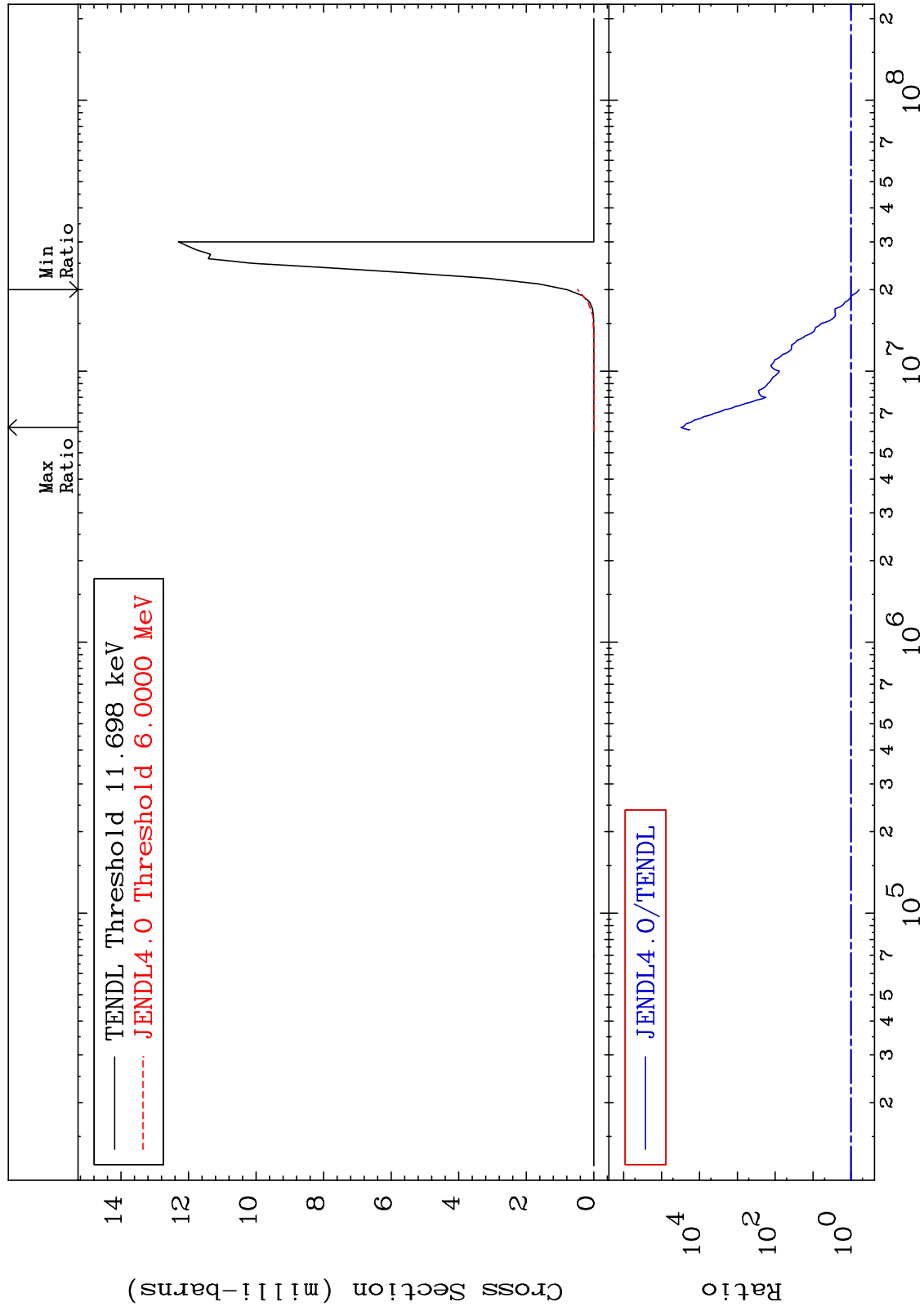
MAT 8031

(n, n') α

Cross Section

80-Hg-198

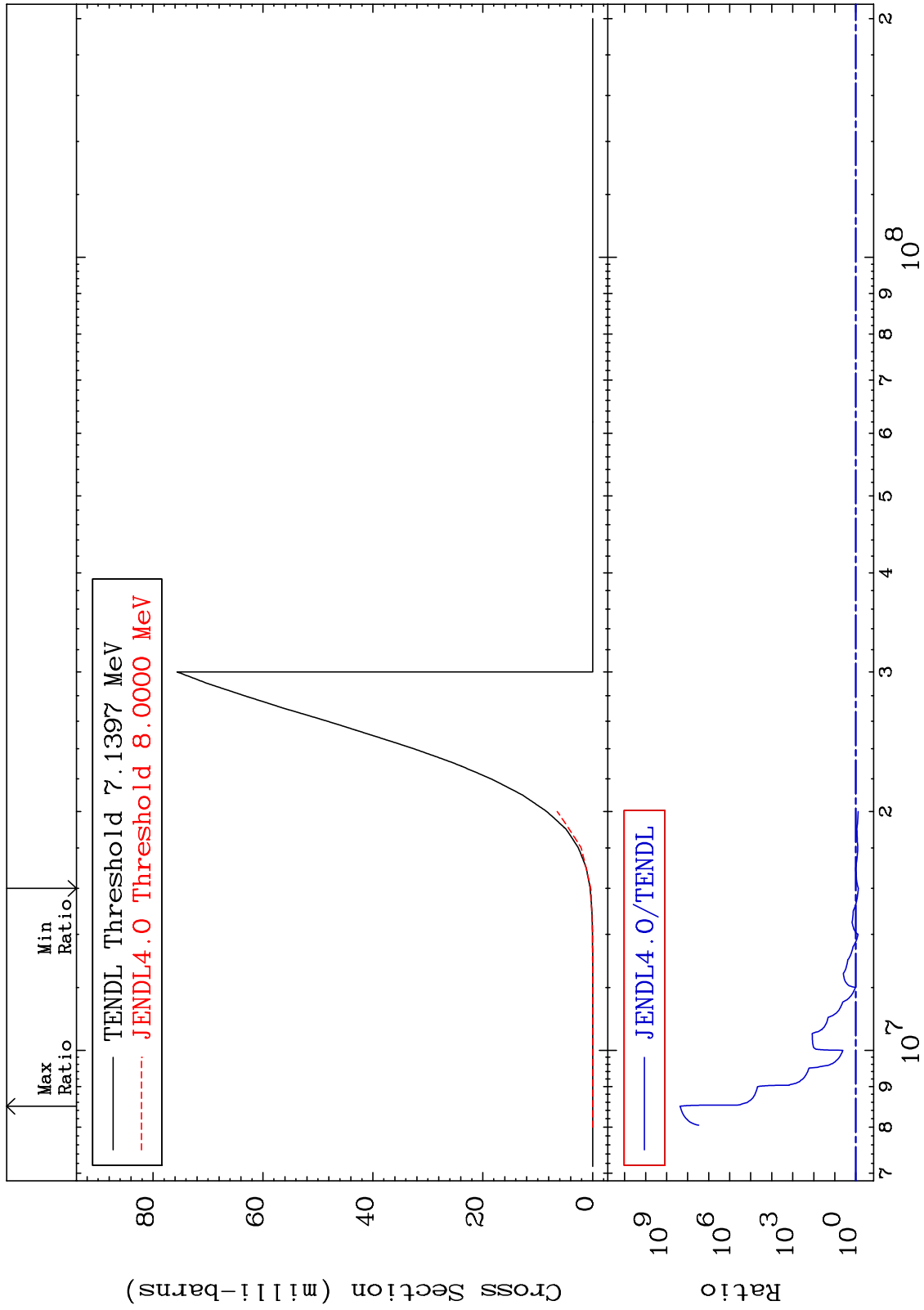
-39.50 To 9999. %



MAT 8031

(n,n') p
Cross Section

80-Hg-198
-24.86 To 9999. %



7

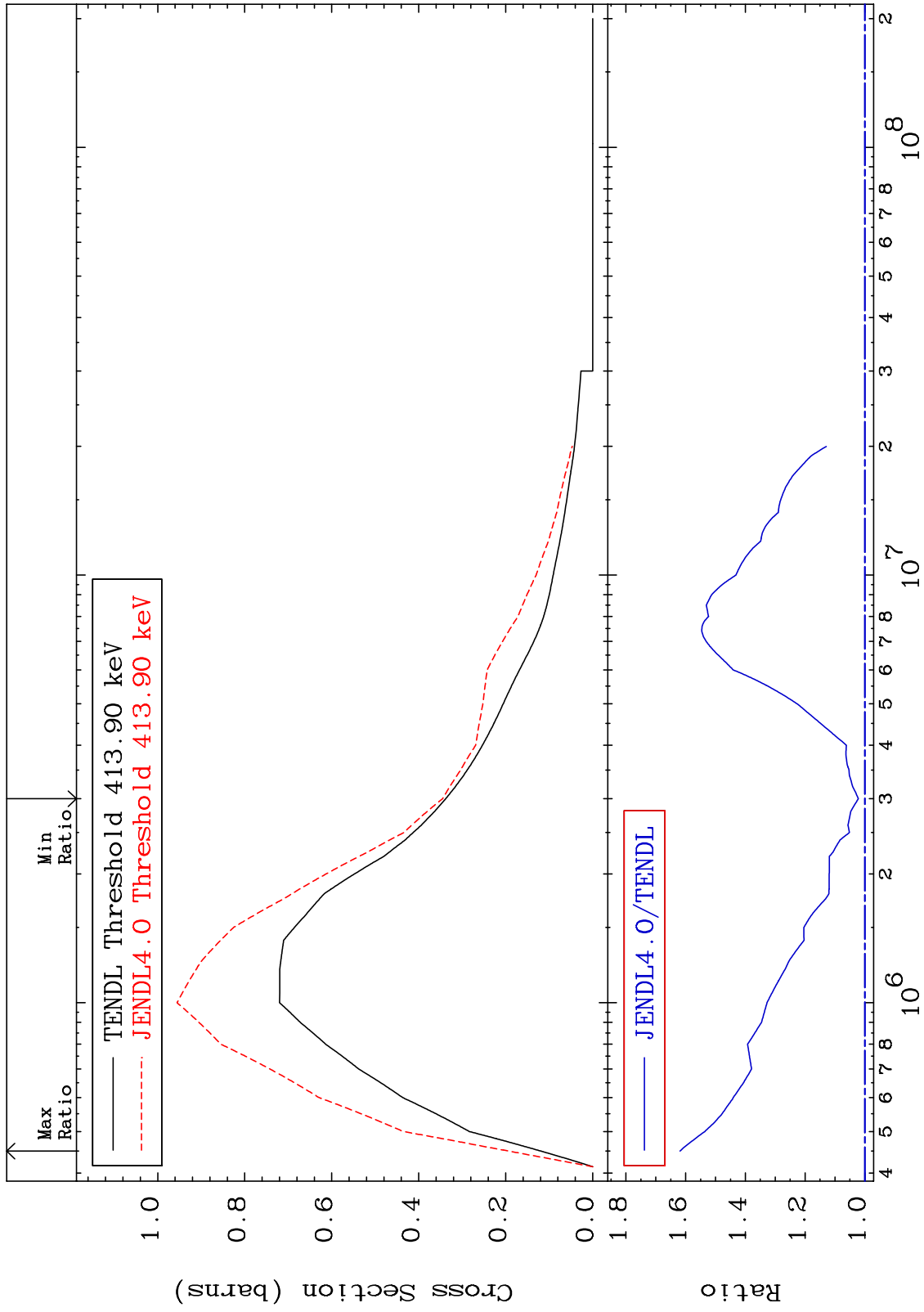
Incident Energy (eV)

80-Hg-198

MAT 8031

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

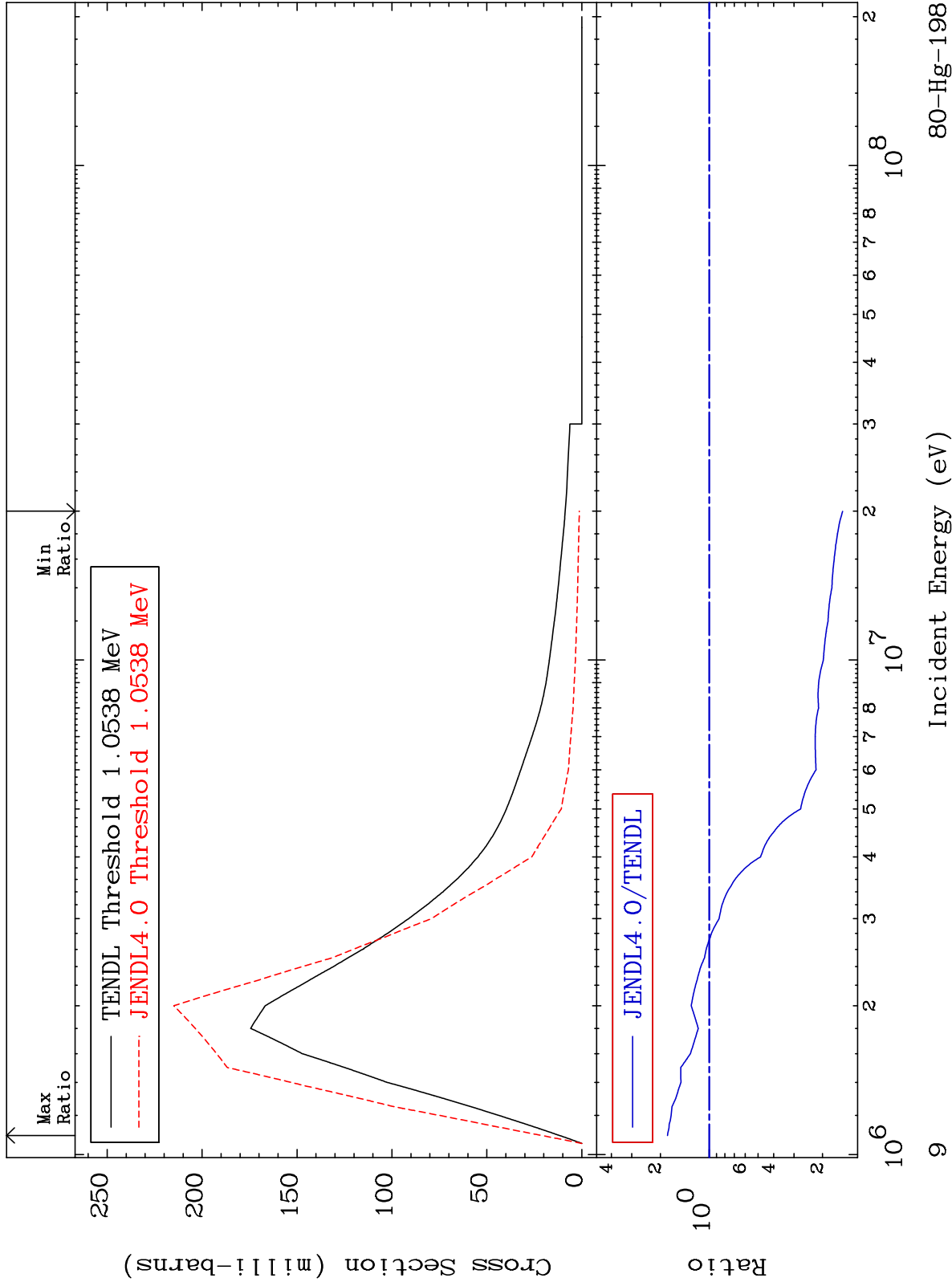
2.144 To 61.90 %
80-Hg-198



MAT 8031

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

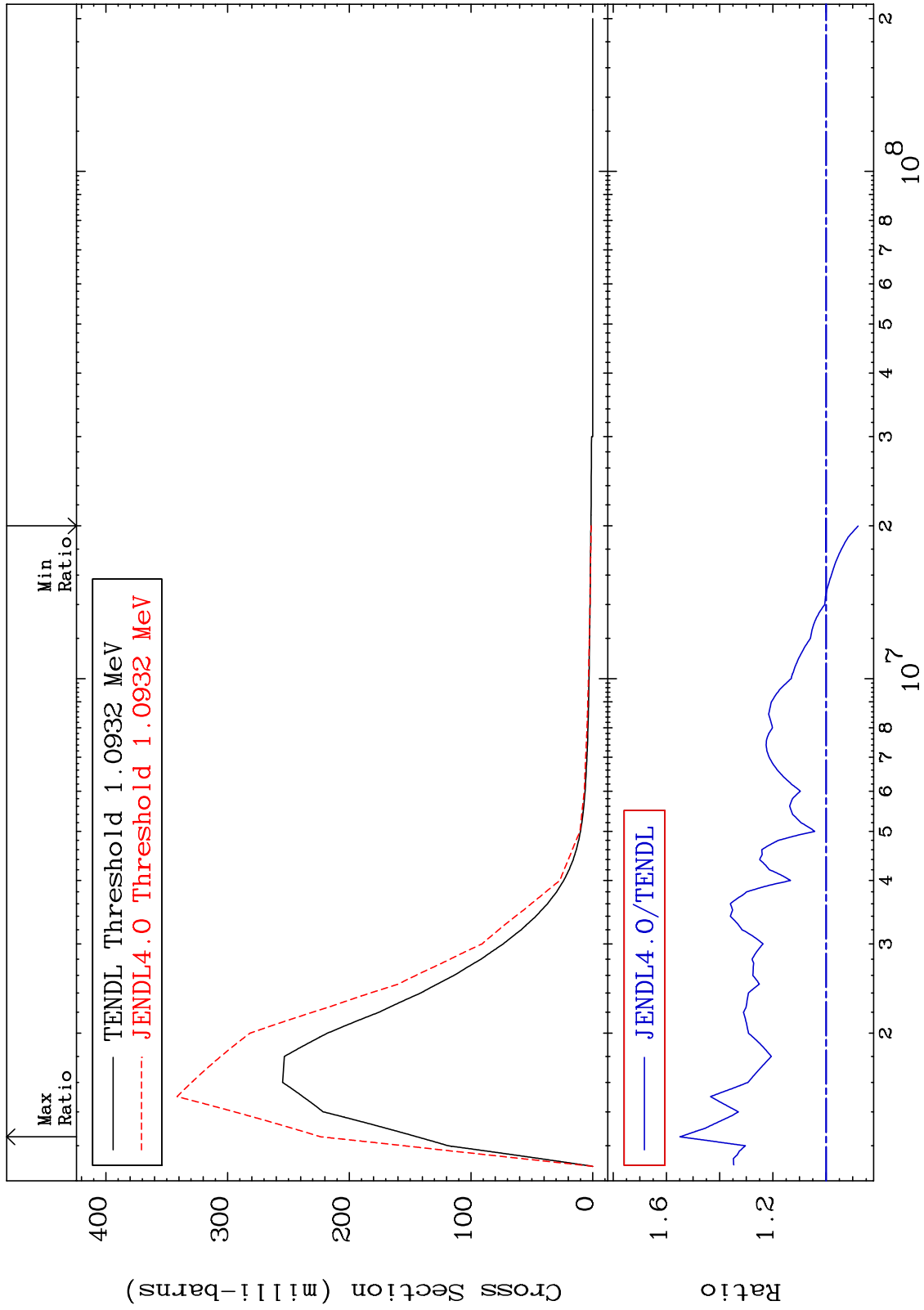
80-Hg-198
-84.98 To 80.47 %



MAT 8031

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

80-Hg-198
-12.11 To 54.89 %

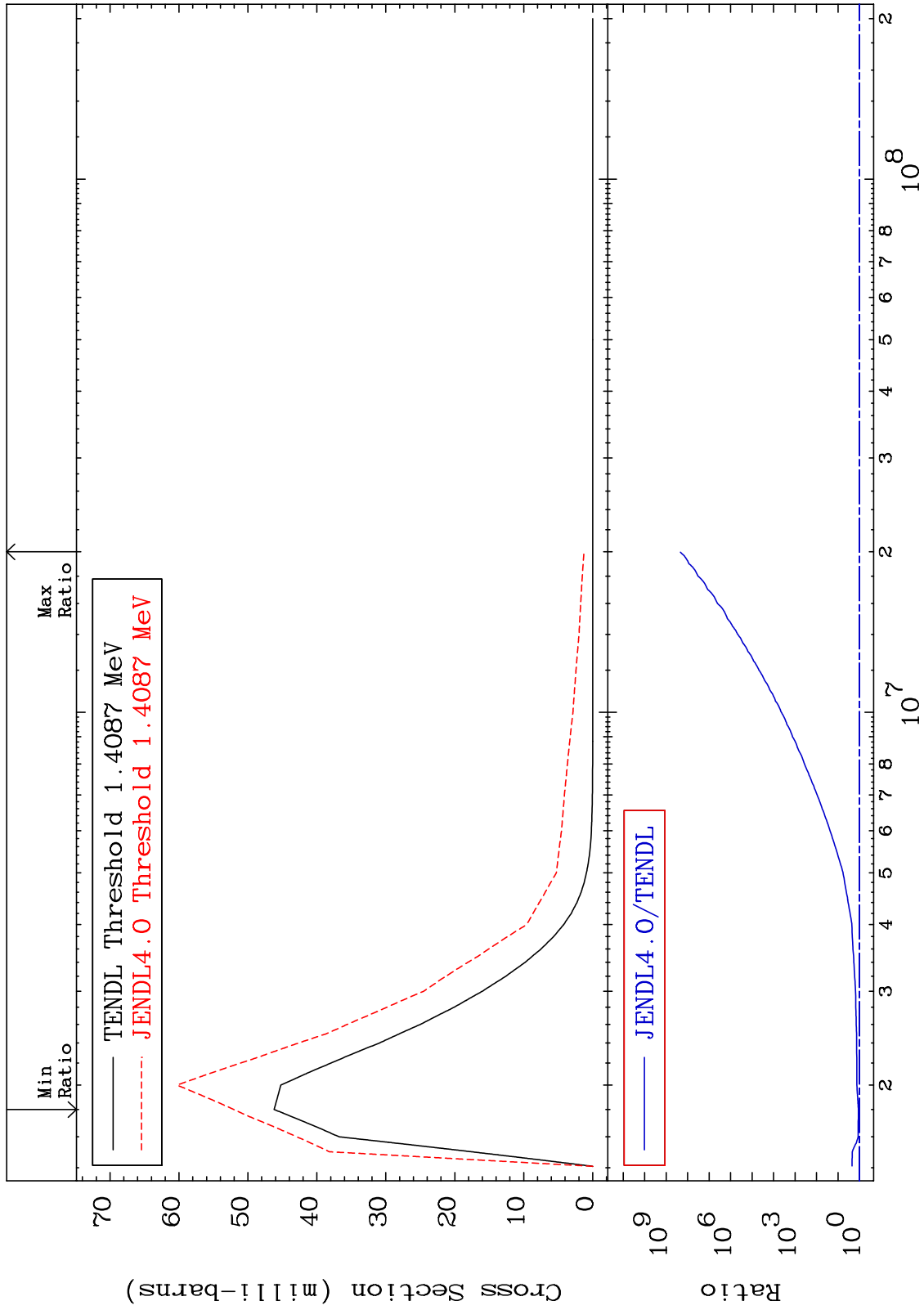


10

Incident Energy (eV)

80-Hg-198

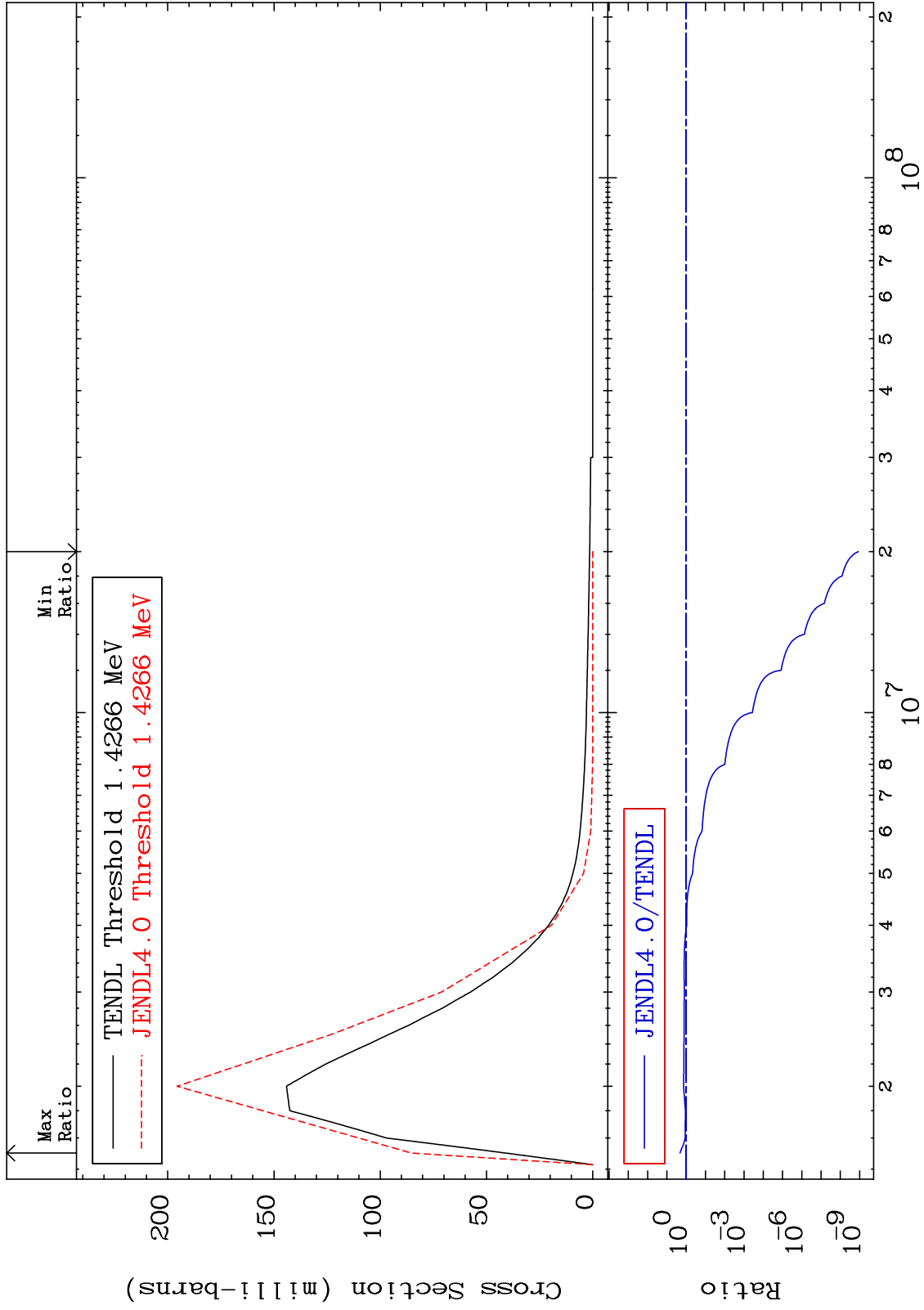
MAT 8031 MT= 54 (n,n') Level Cross Section 80-Hg-198
 12.65 To 9999. %



MAT 8031

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

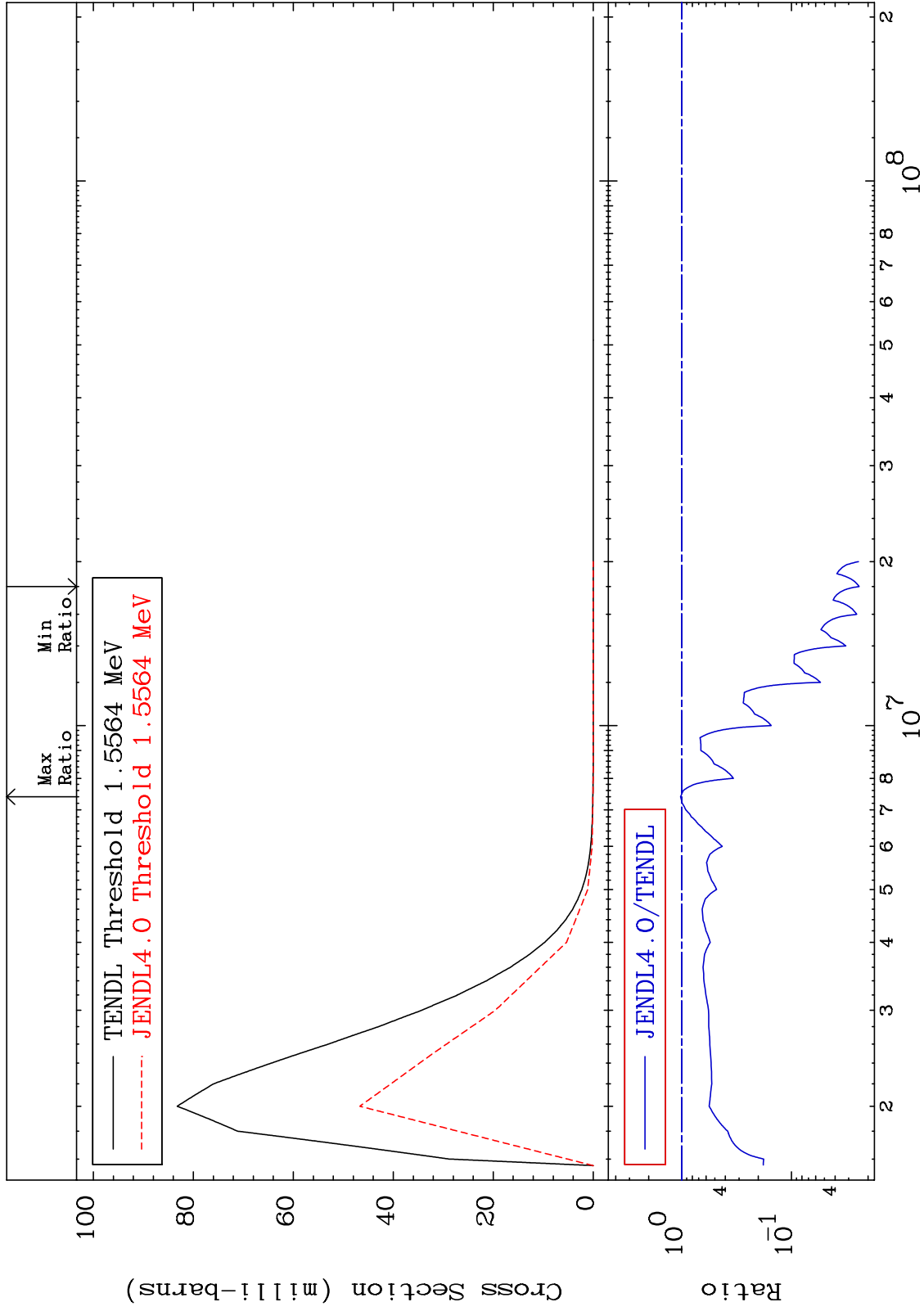
80-Hg-198
-100.0 To 107.9 %



MAT 8031

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

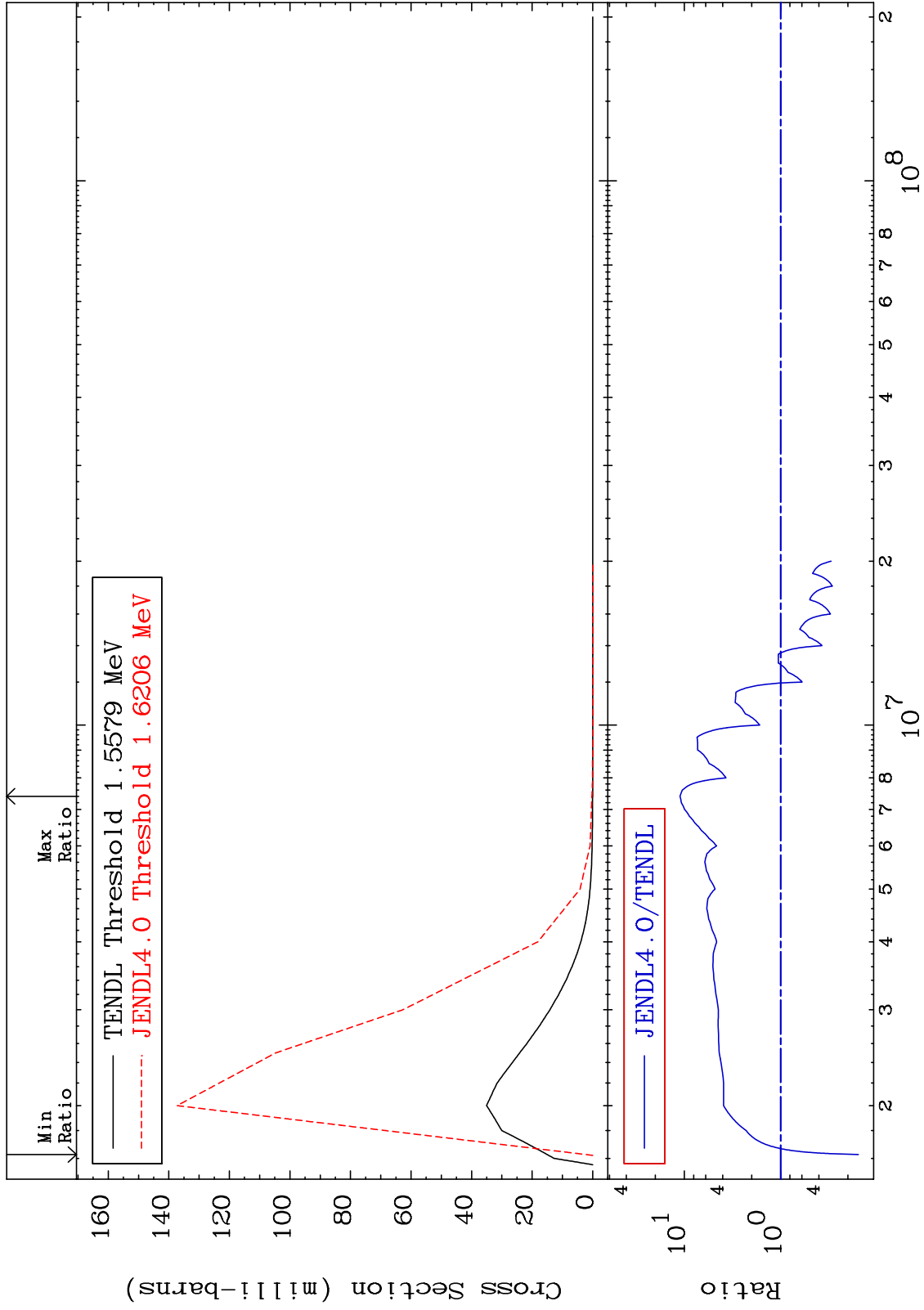
80-Hg-198
-97.59 To 2.287 %



MAT 8031

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

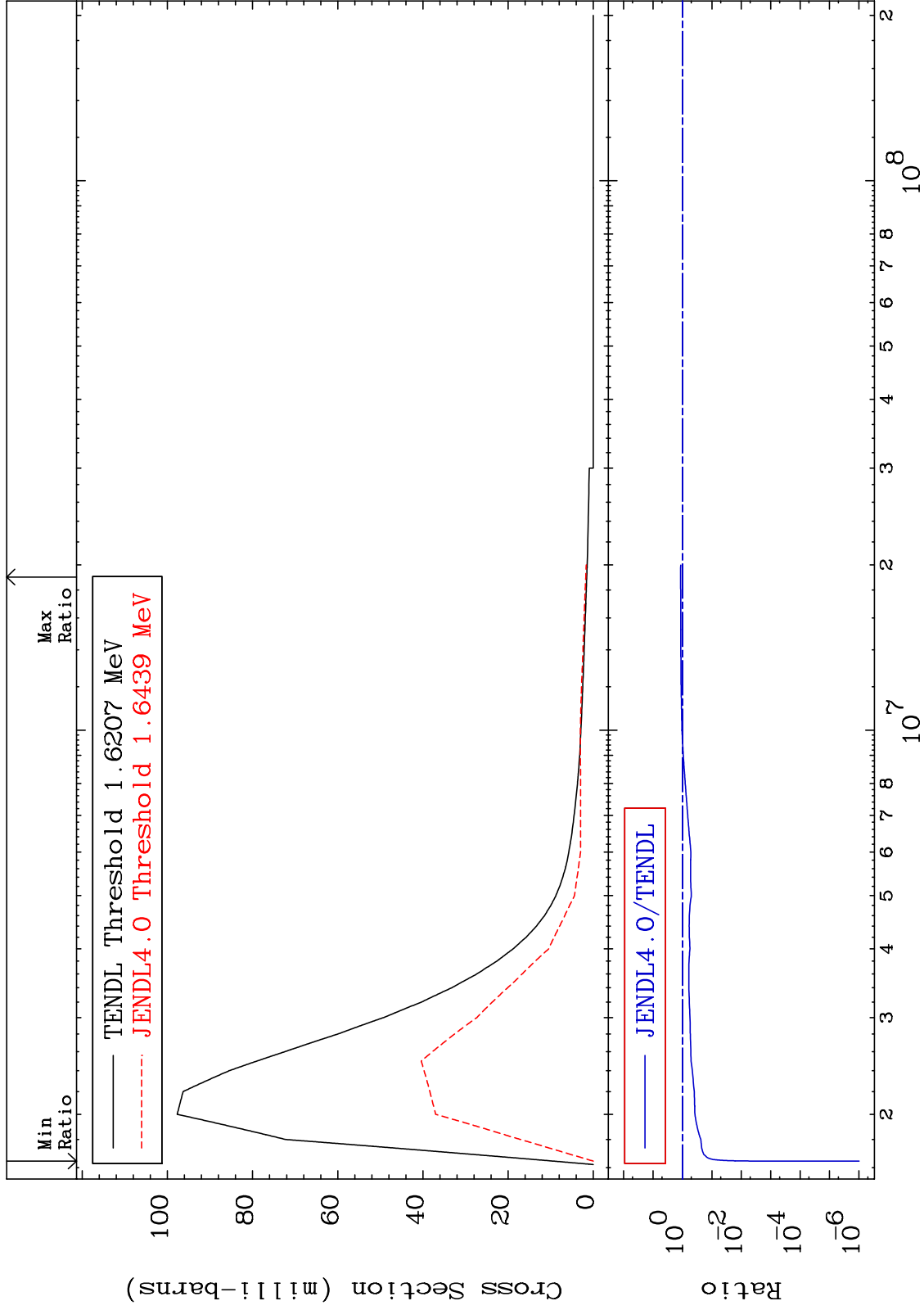
80-Hg-198
-84.45 To 1009. %



MAT 8031

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

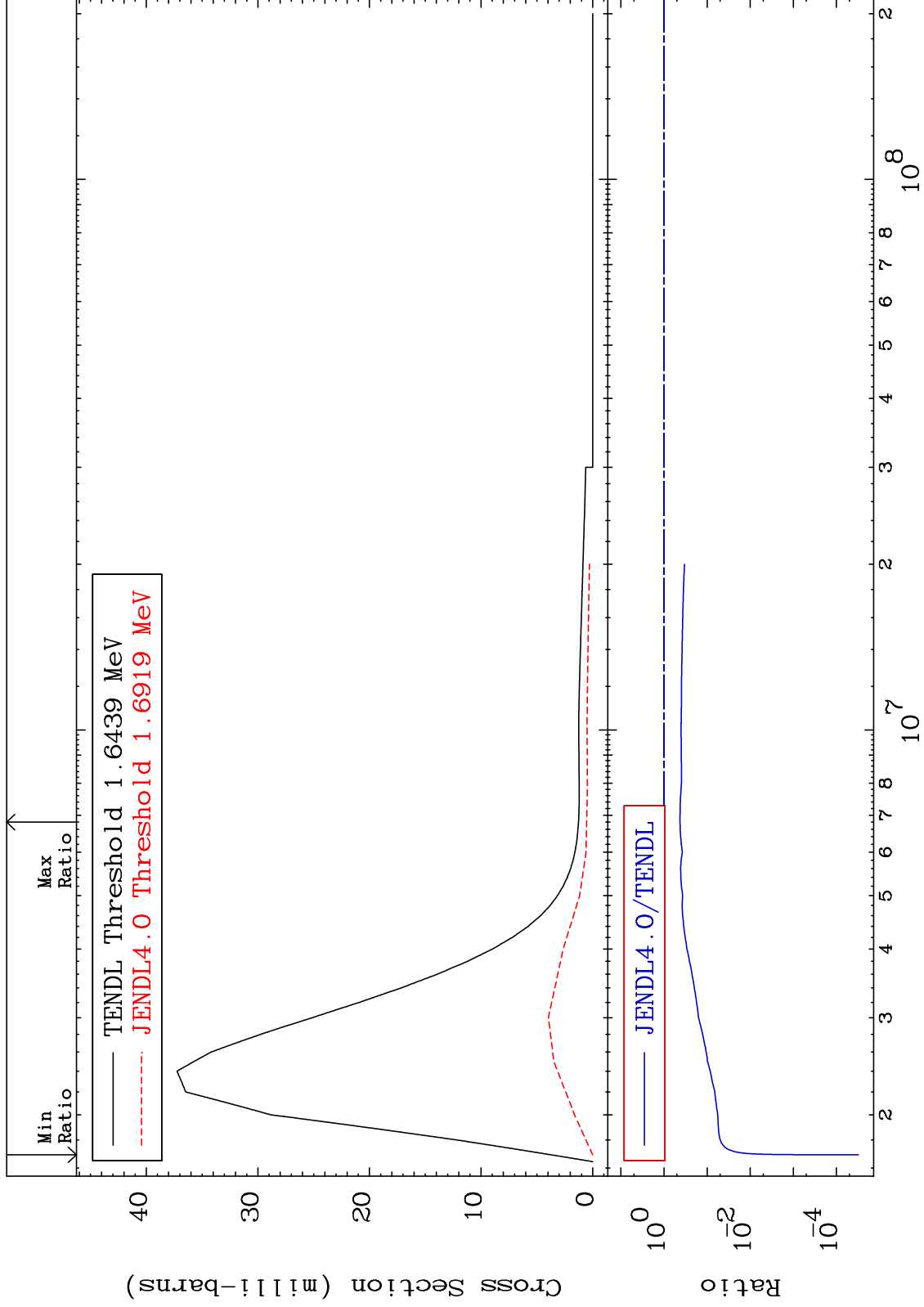
80-Hg-198
-100.0 To 15.64 %



MAT 8031

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

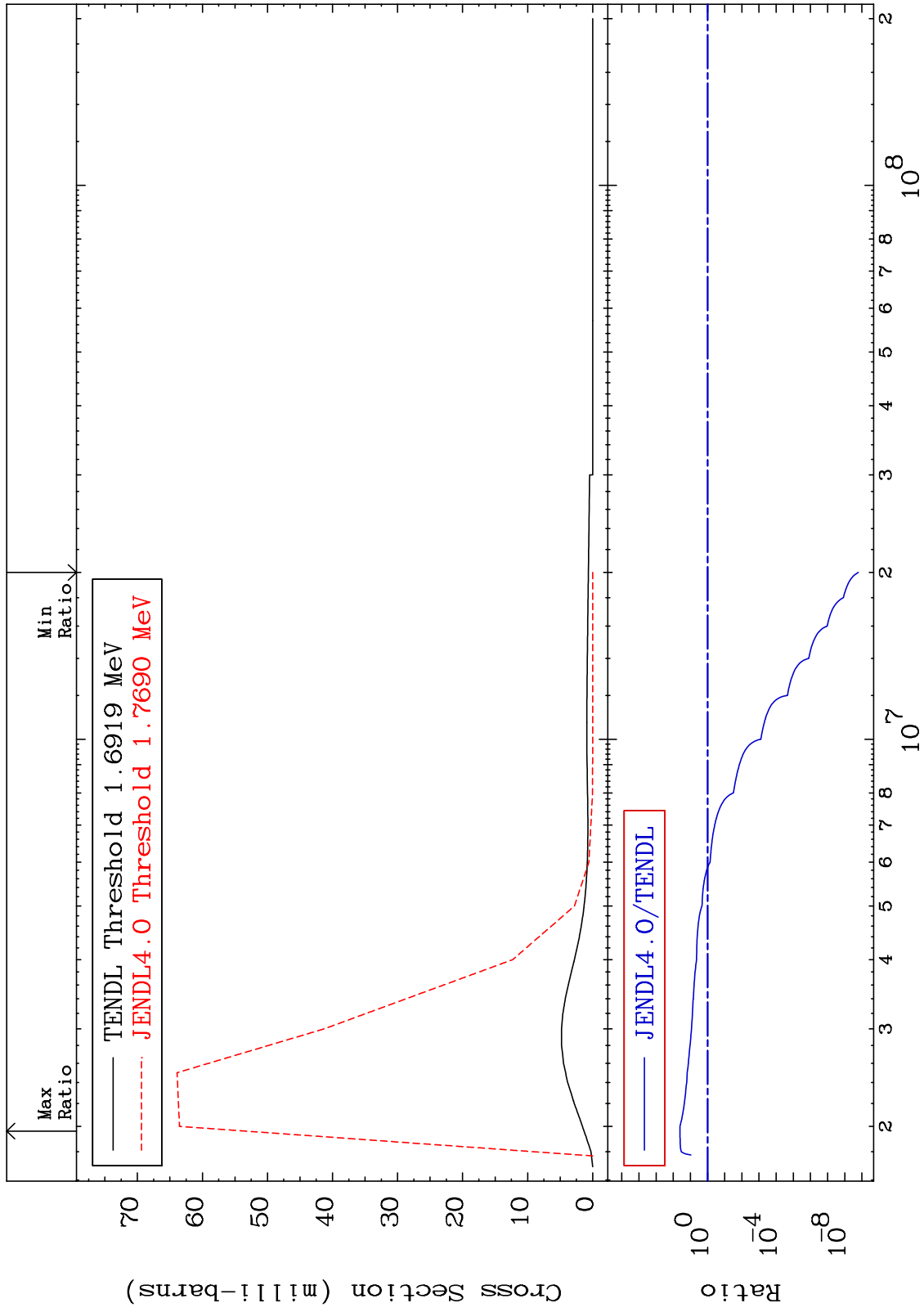
80-Hg-198
-100.0 To -57.47%



MAT 8031

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

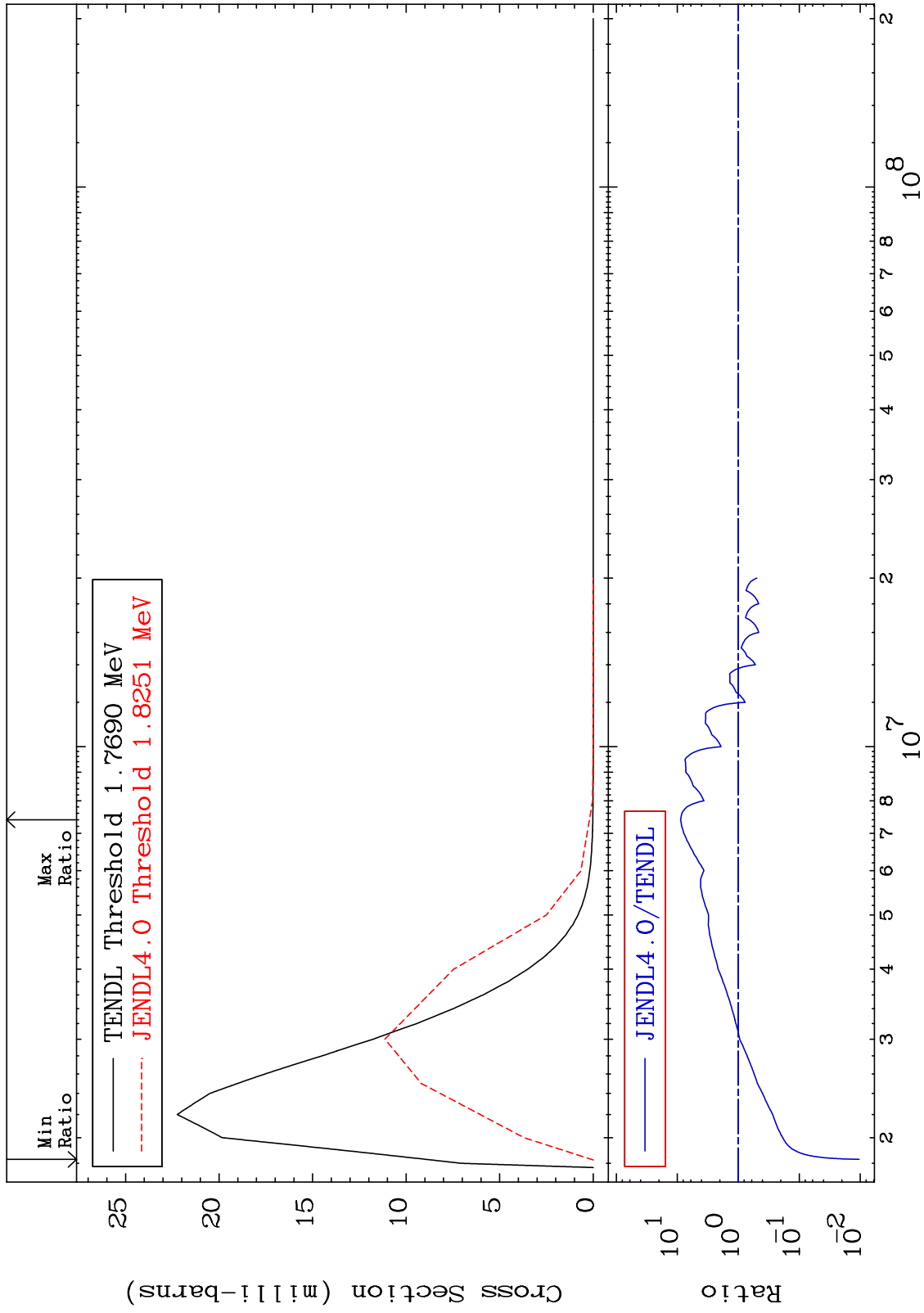
80-Hg-198
-100.0 To 3928. %



MAT 8031

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

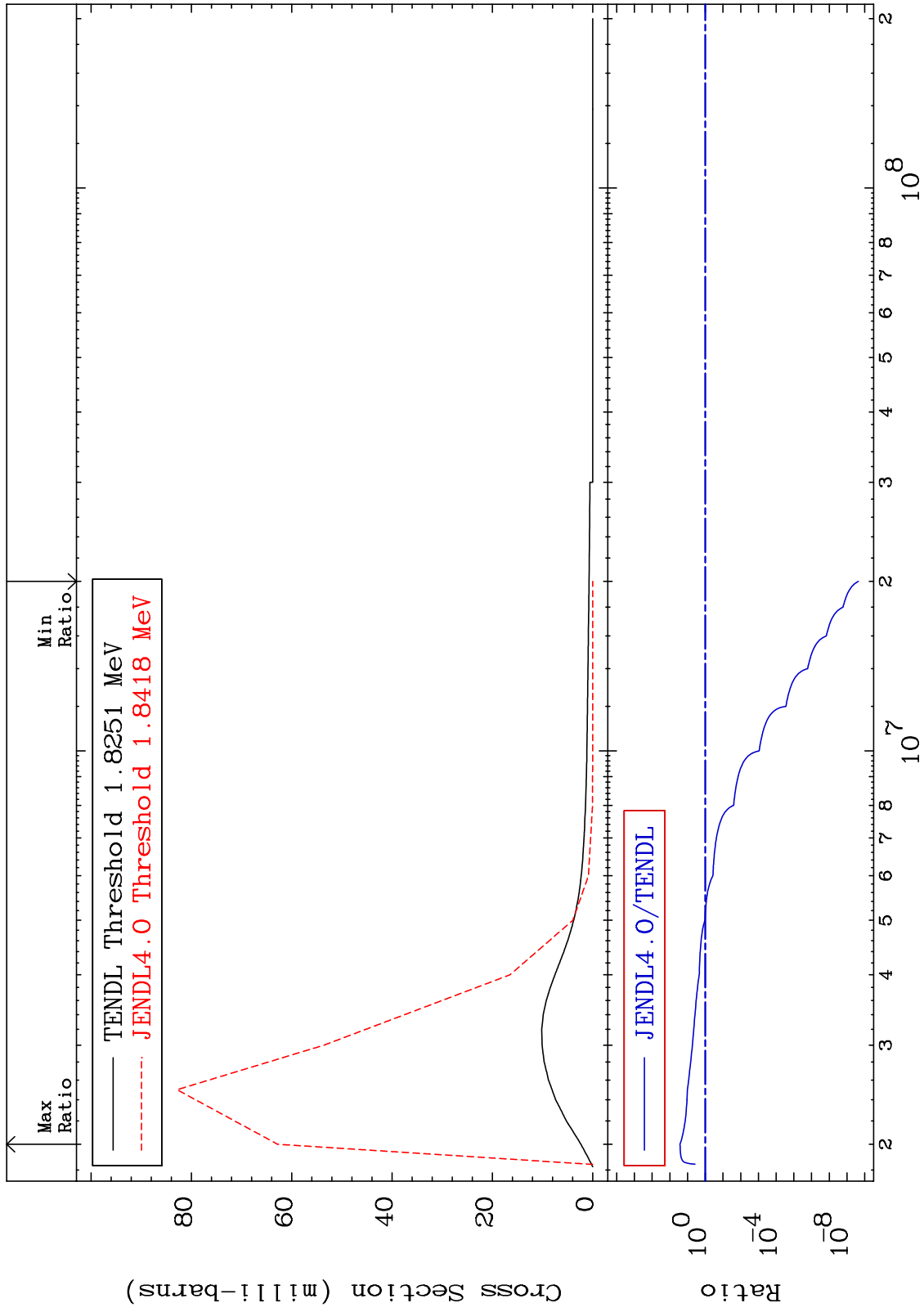
80-Hg-198
-98.96 To 781.0 %



MAT 8031

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

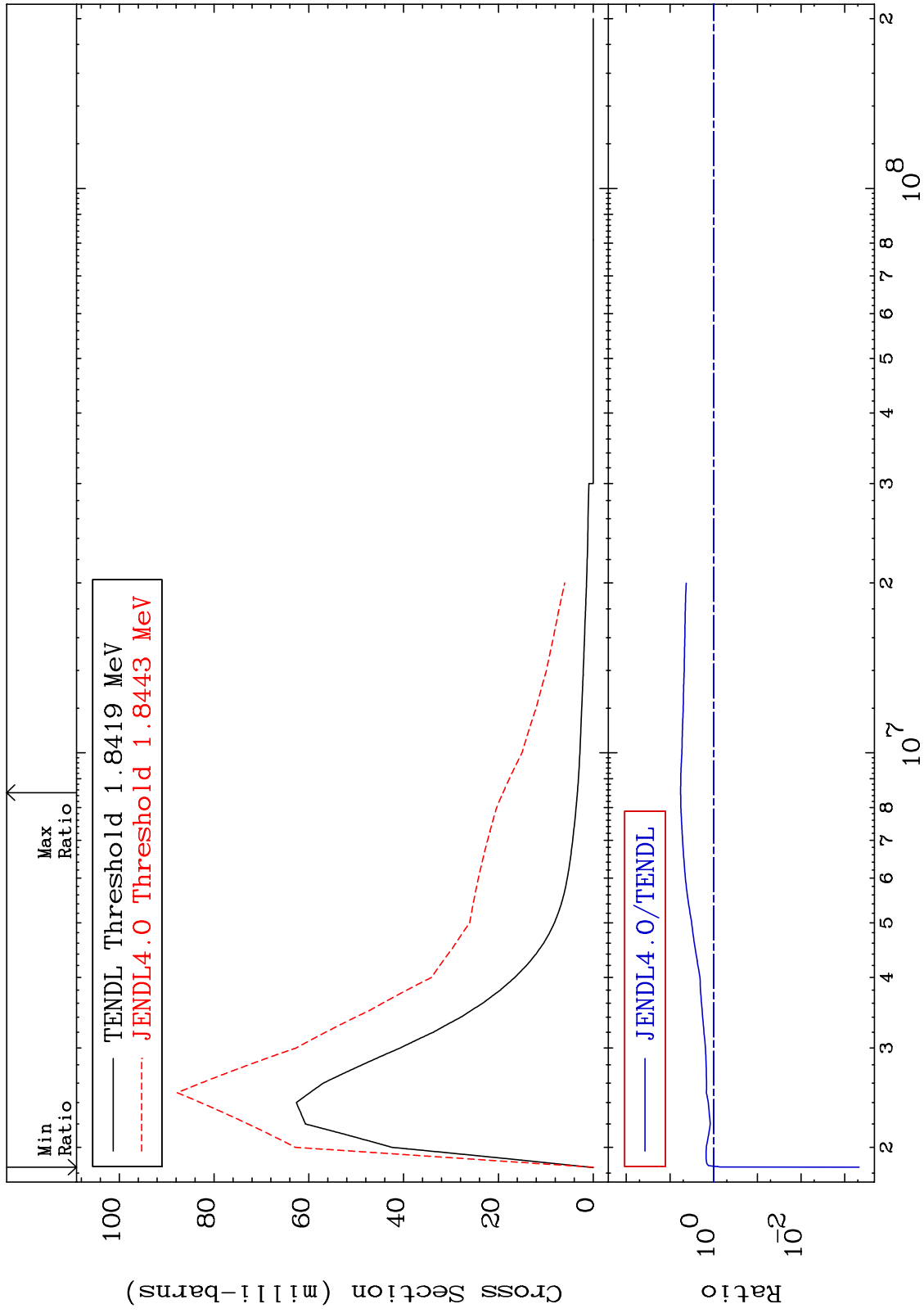
80-Hg-198
-100.0 To 2563. %



MAT 8031

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

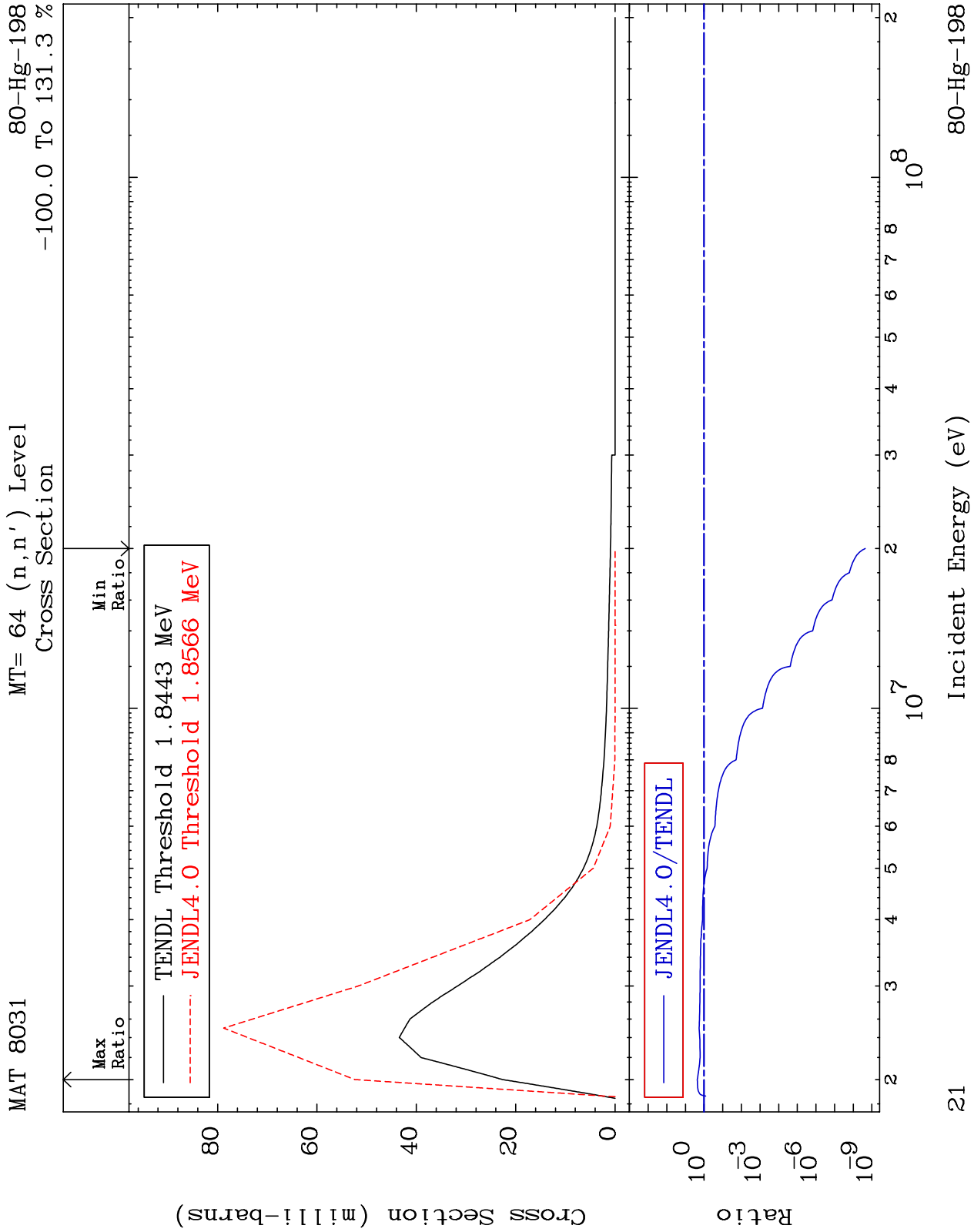
80-Hg-198
-99.95 To 470.7 %



20

Incident Energy (eV)

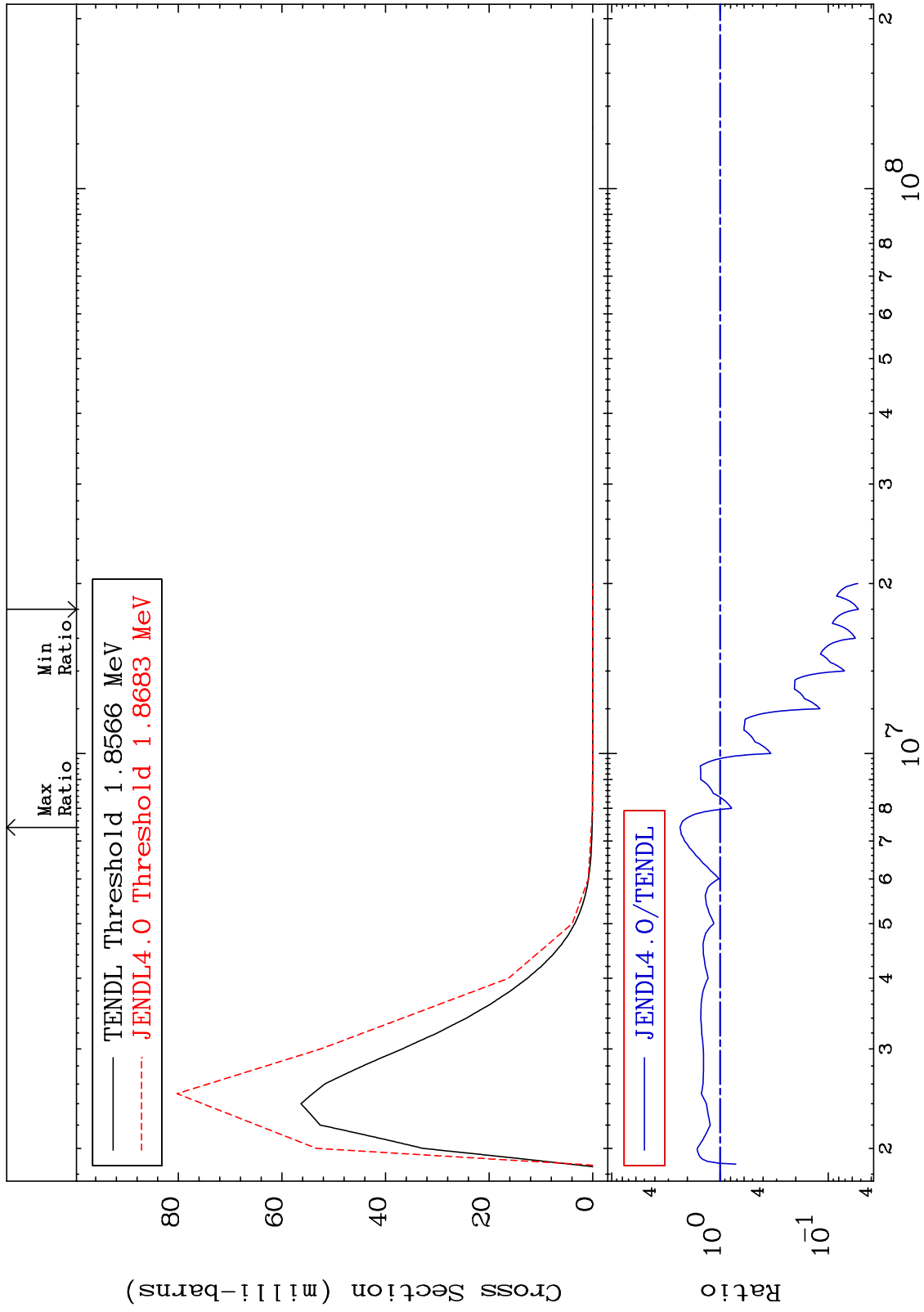
80-Hg-198



MAT 8031

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

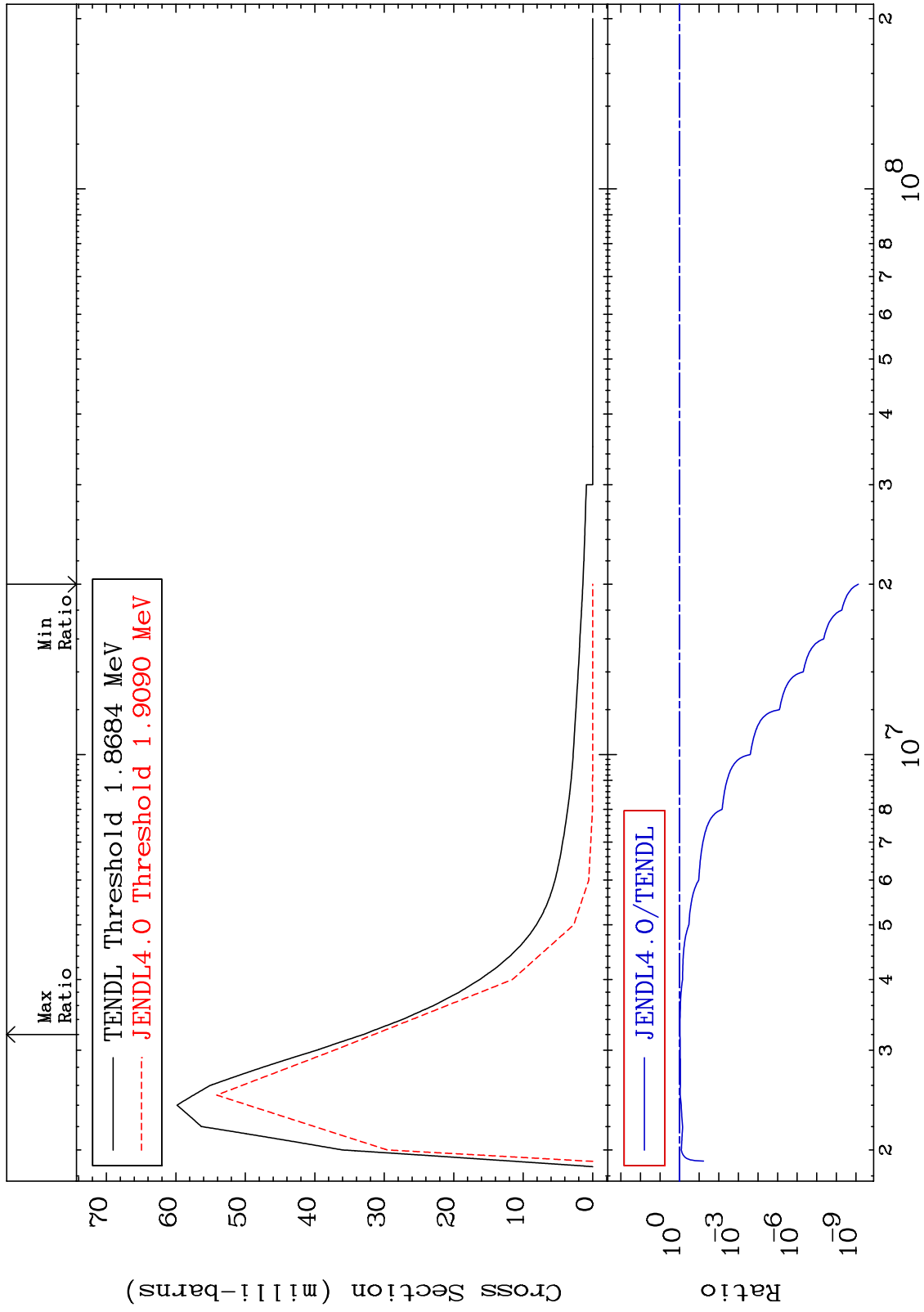
80-Hg-198
-94.74 To 134.2 %



MAT 8031

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

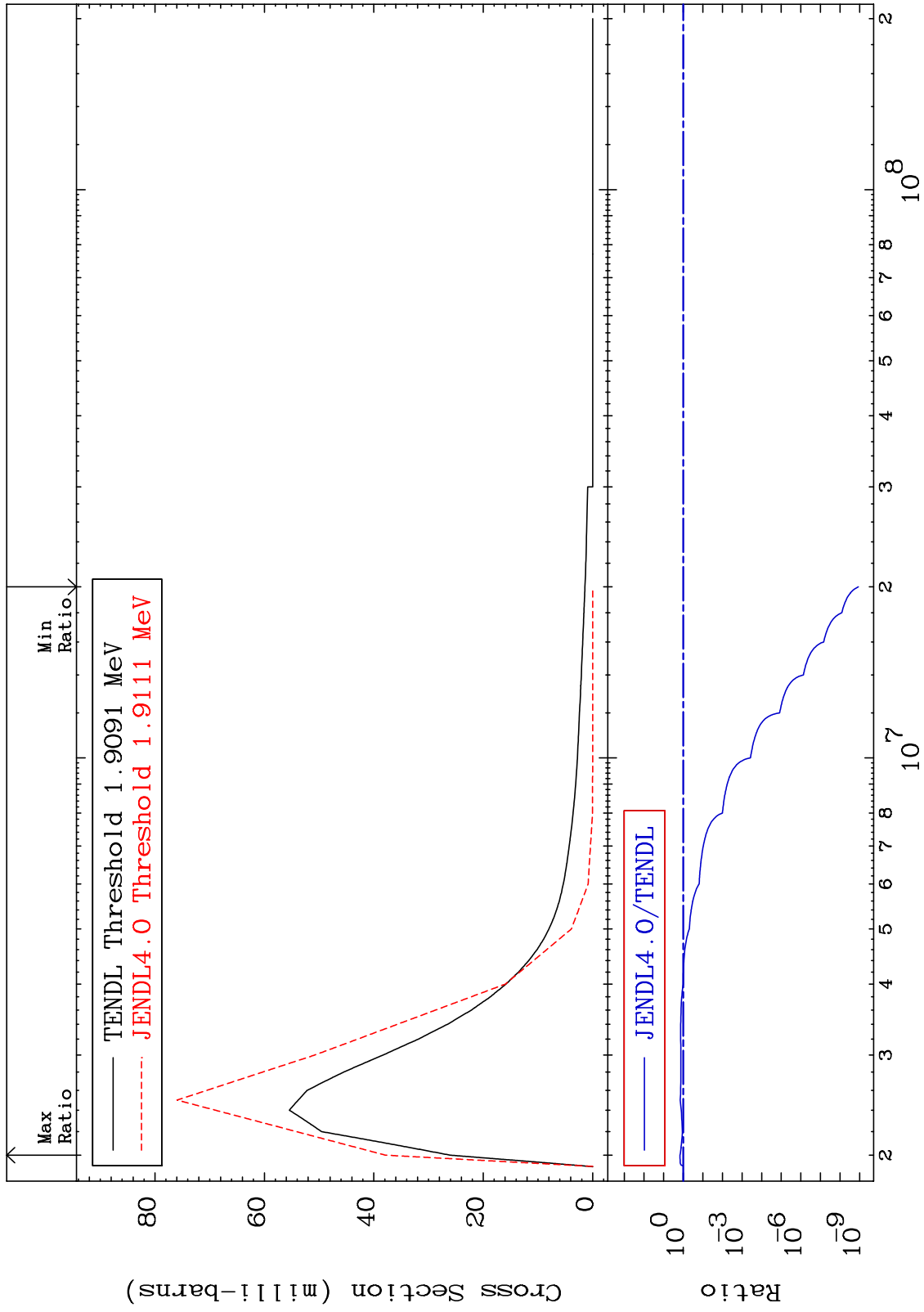
80-Hg-198
-100.0 To -4.595%



MAT 8031

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

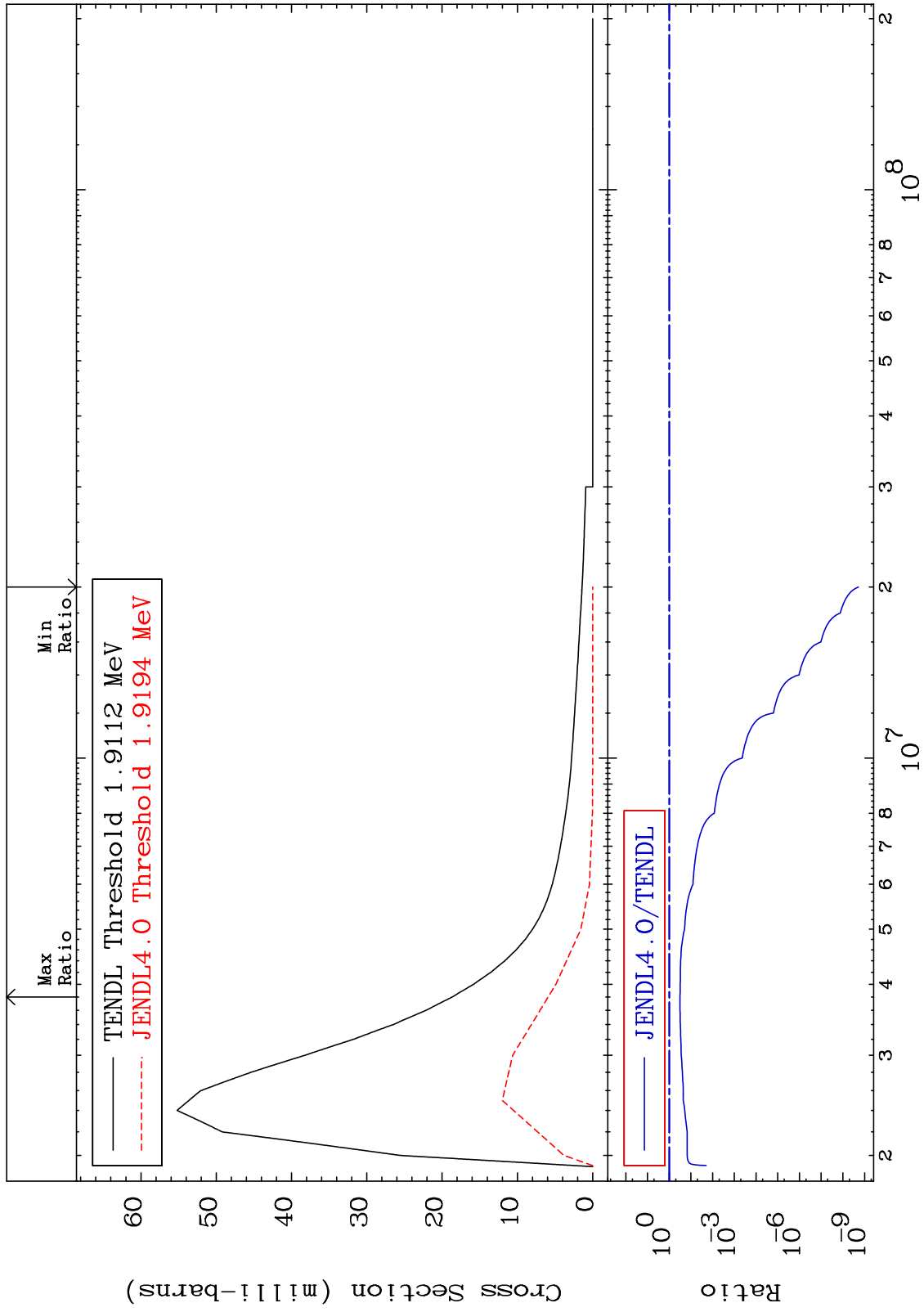
80-Hg-198
-100.0 To 45.42 %



MAT 8031

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

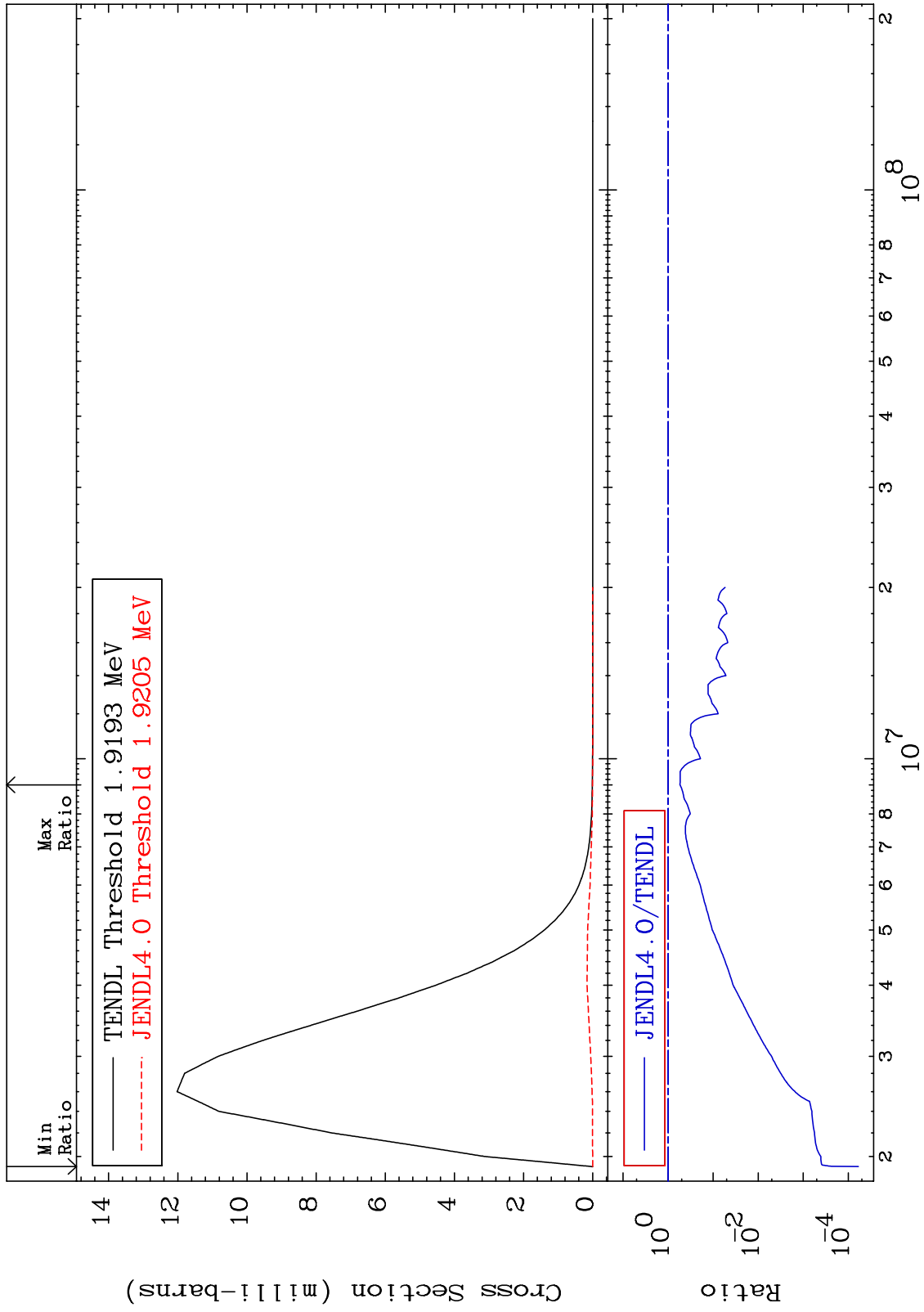
80-Hg-198
-100.0 To -68.29%



MAT 8031

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

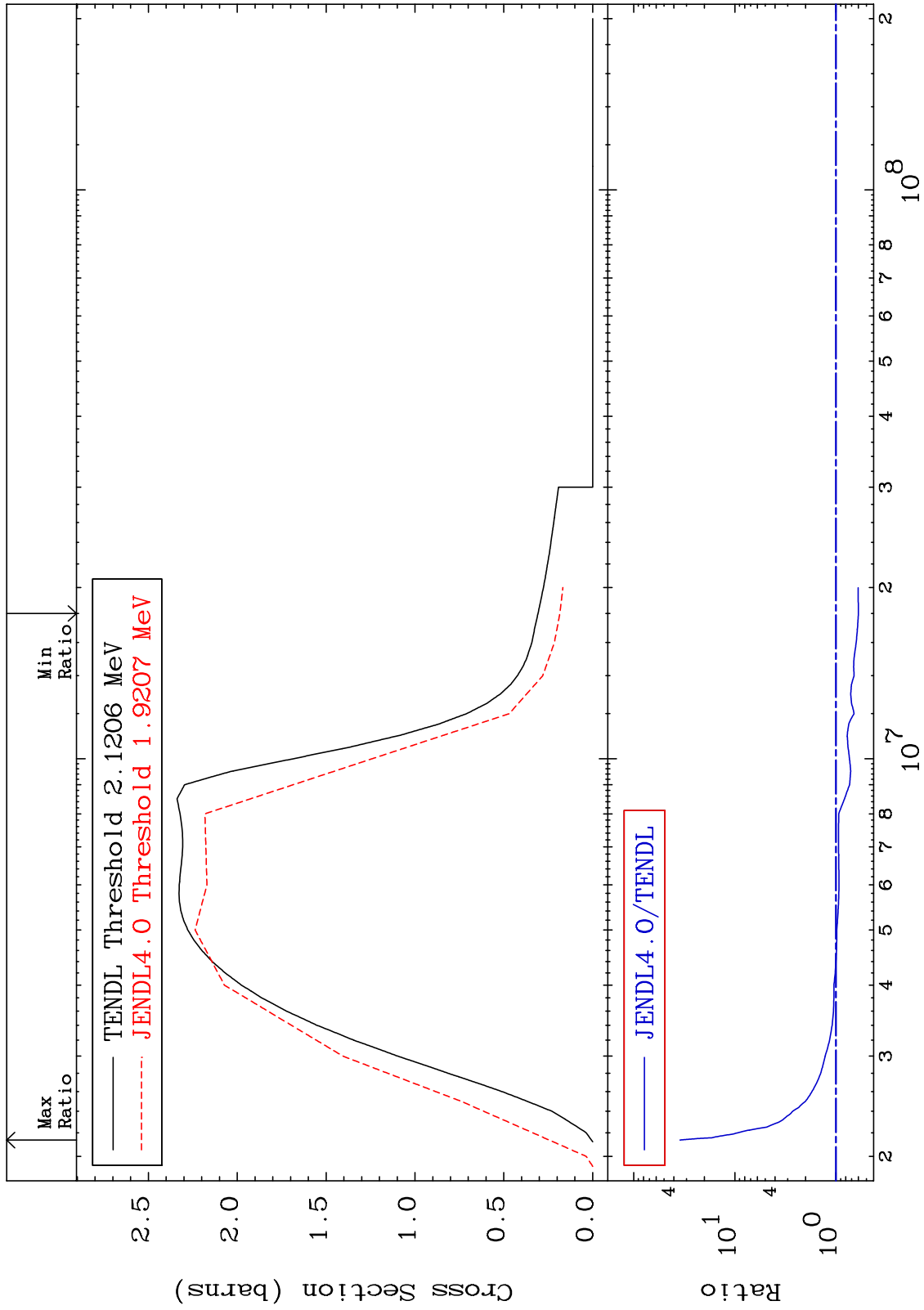
80-Hg-198
-99.99 To -45.57%



MAT 8031

(n, n') Continuum
Cross Section

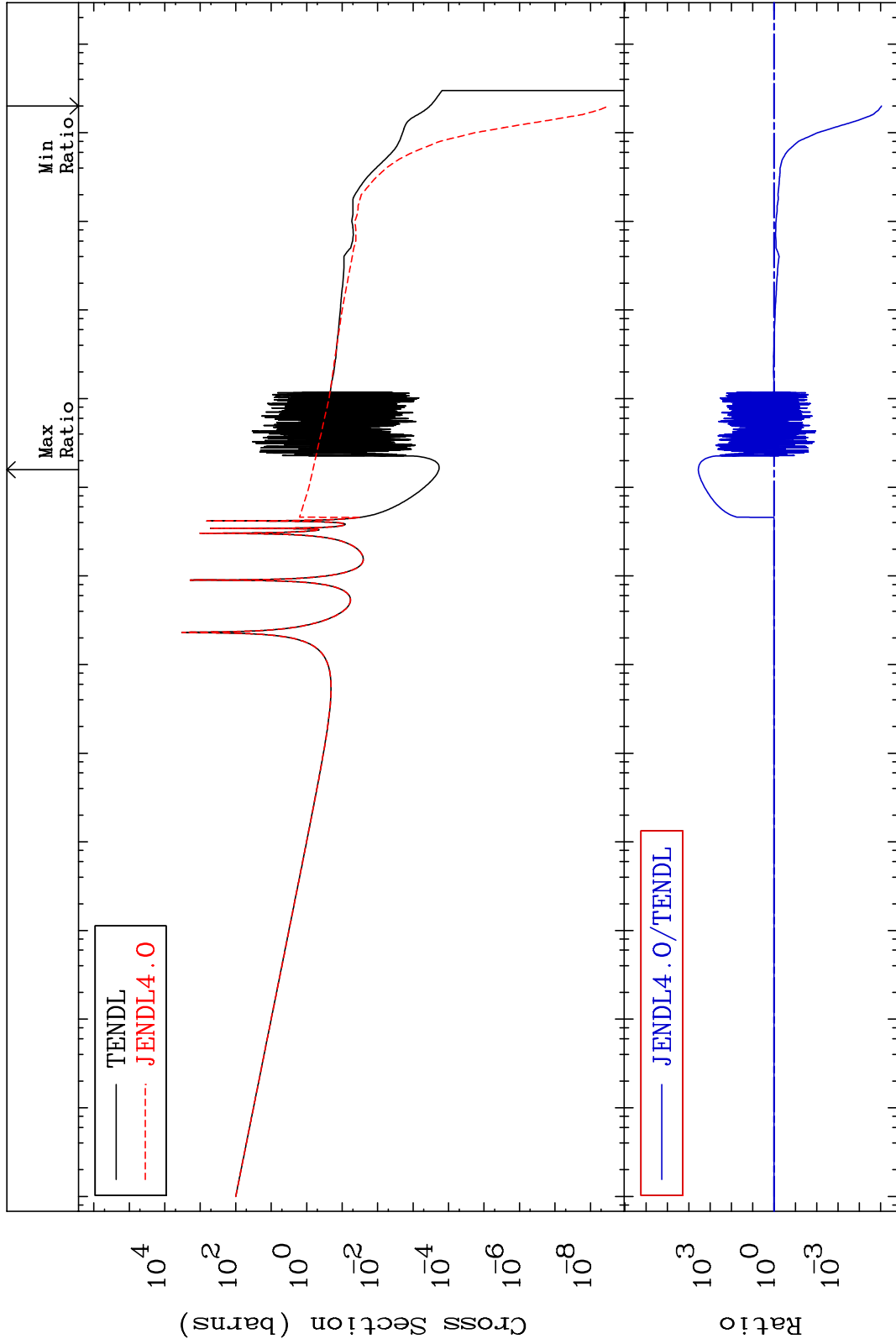
80-Hg-198
-39.95 To 3383. %



MAT 8031

(n, γ)
Cross Section

80-Hg-198
-100.0 To 9999. %



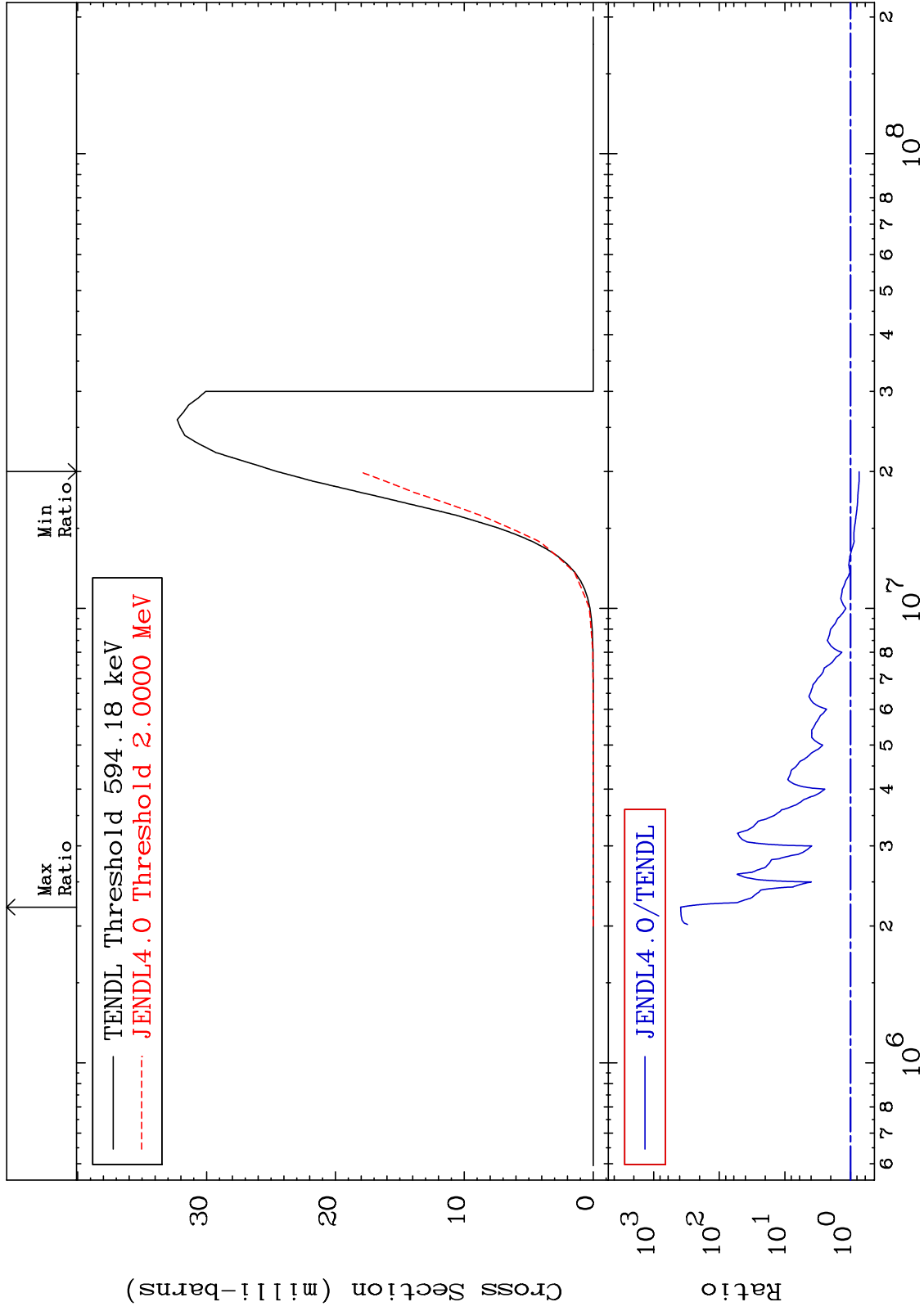
MAT 8031

(n,p)

80-Hg-198

Cross Section

-26.04 To 9999. %



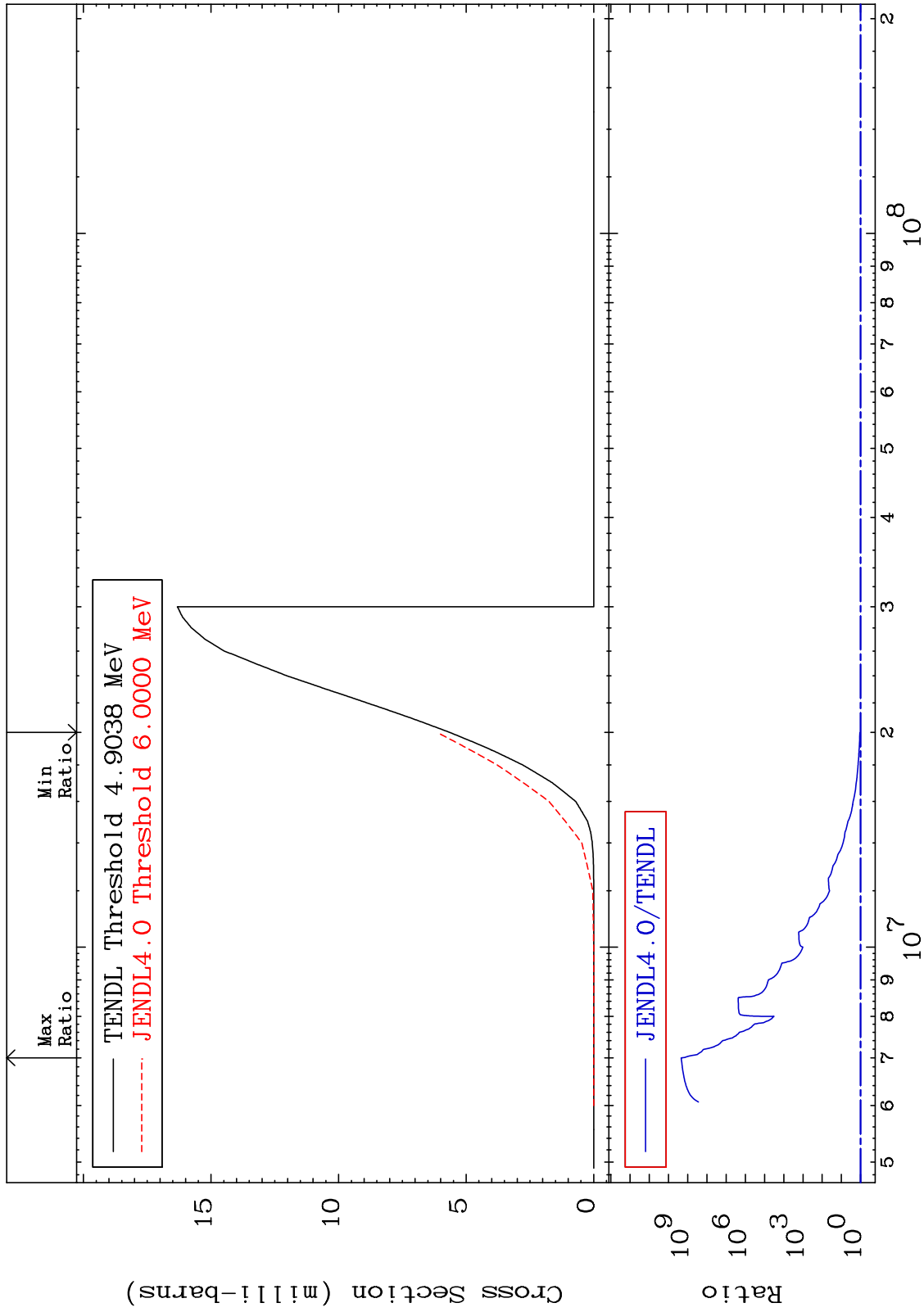
MAT 8031

(n, d)

80-Hg-198

Cross Section

8.781 To 9999. %



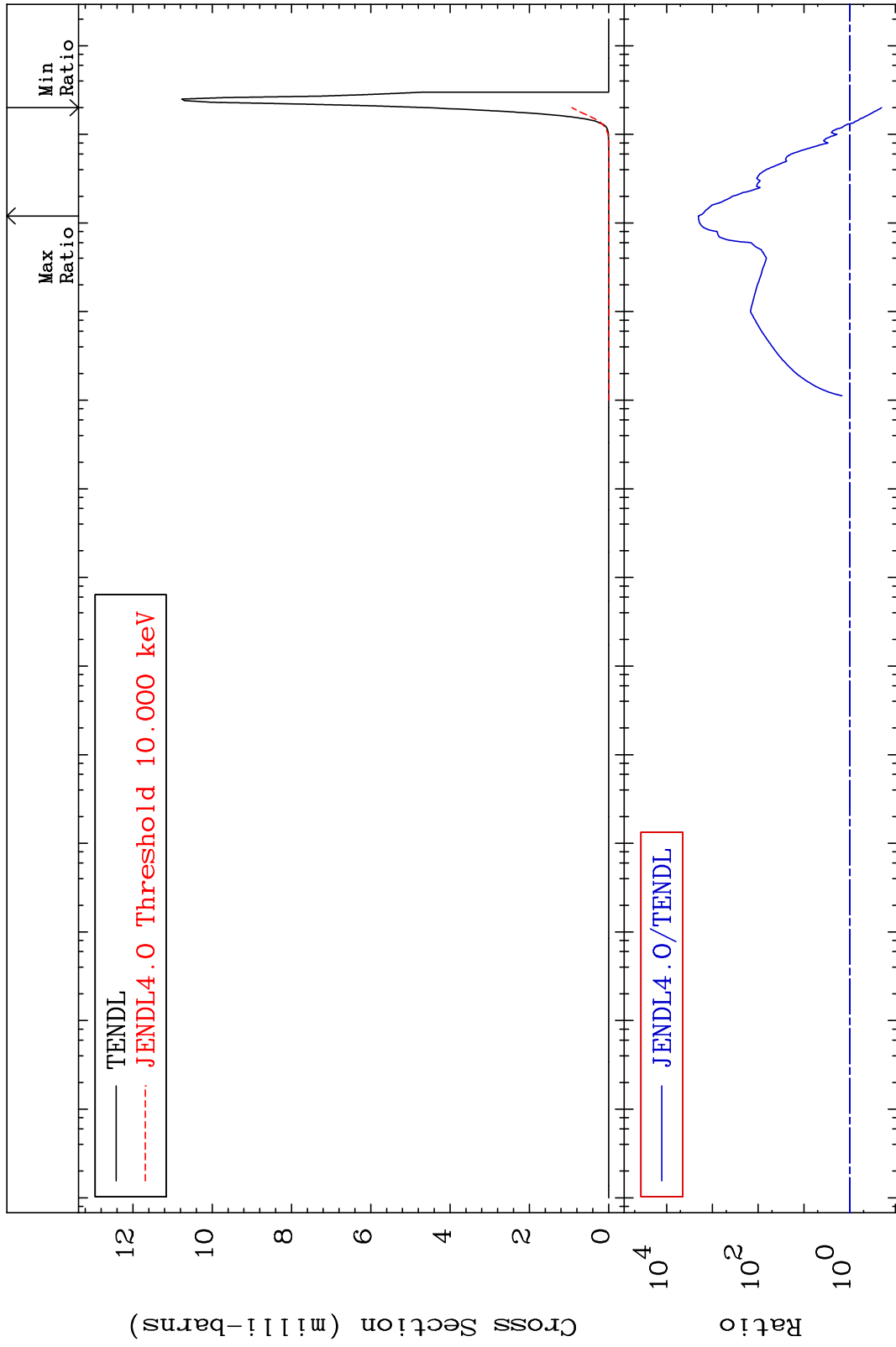
MAT 8031

(n, α)

80-Hg-198

Cross Section

-79.83 To 9999. %



31

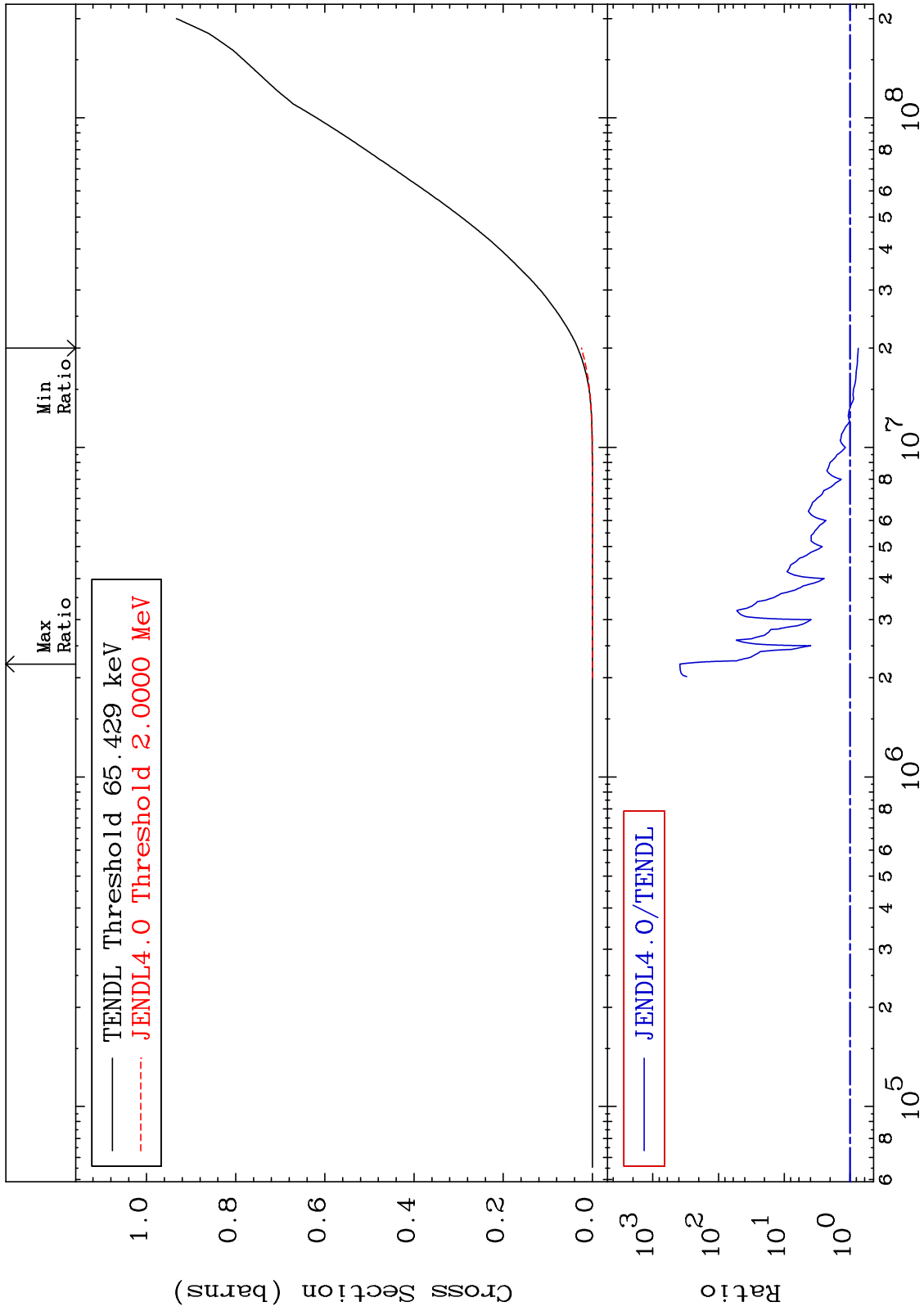
Incident Energy (eV)

80-Hg-198

MAT 8031

Hydrogen Production
Cross Section

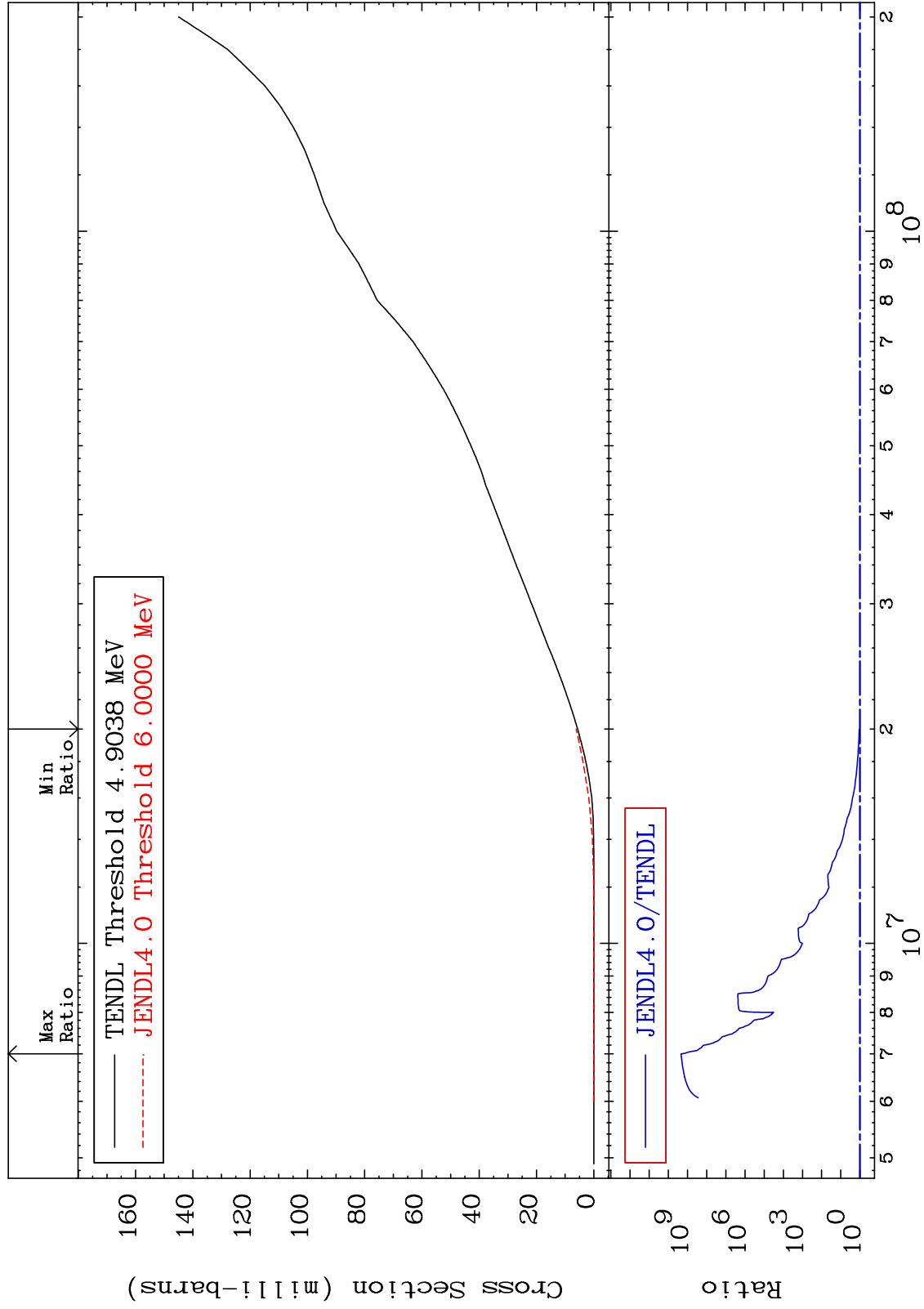
80-Hg-198
-25.24 To 9999. %



MAT 8031

Deuterium Production
Cross Section

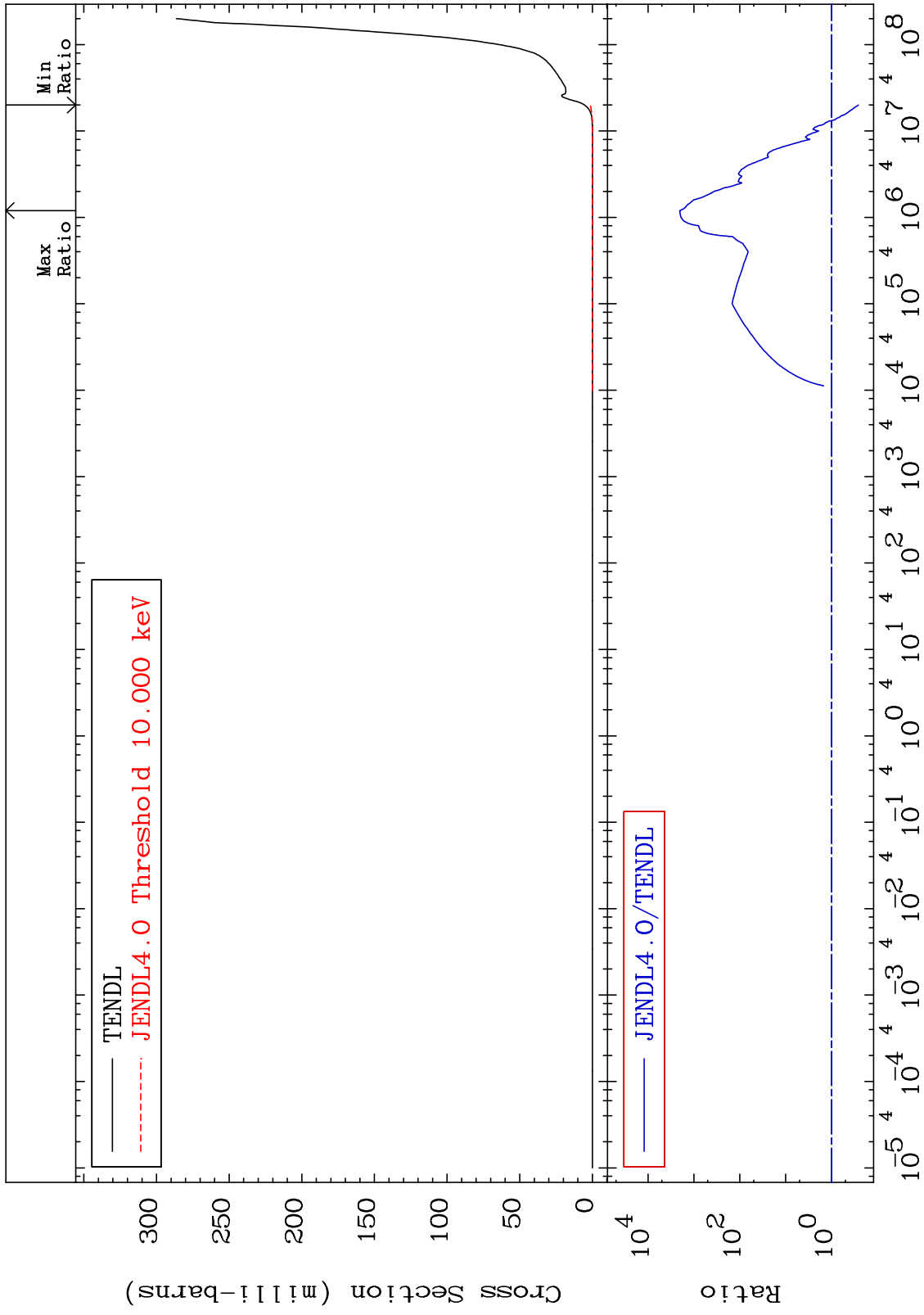
80-Hg-198
8.774 To 9999. %



MAT 8031

He-4 Production
Cross Section

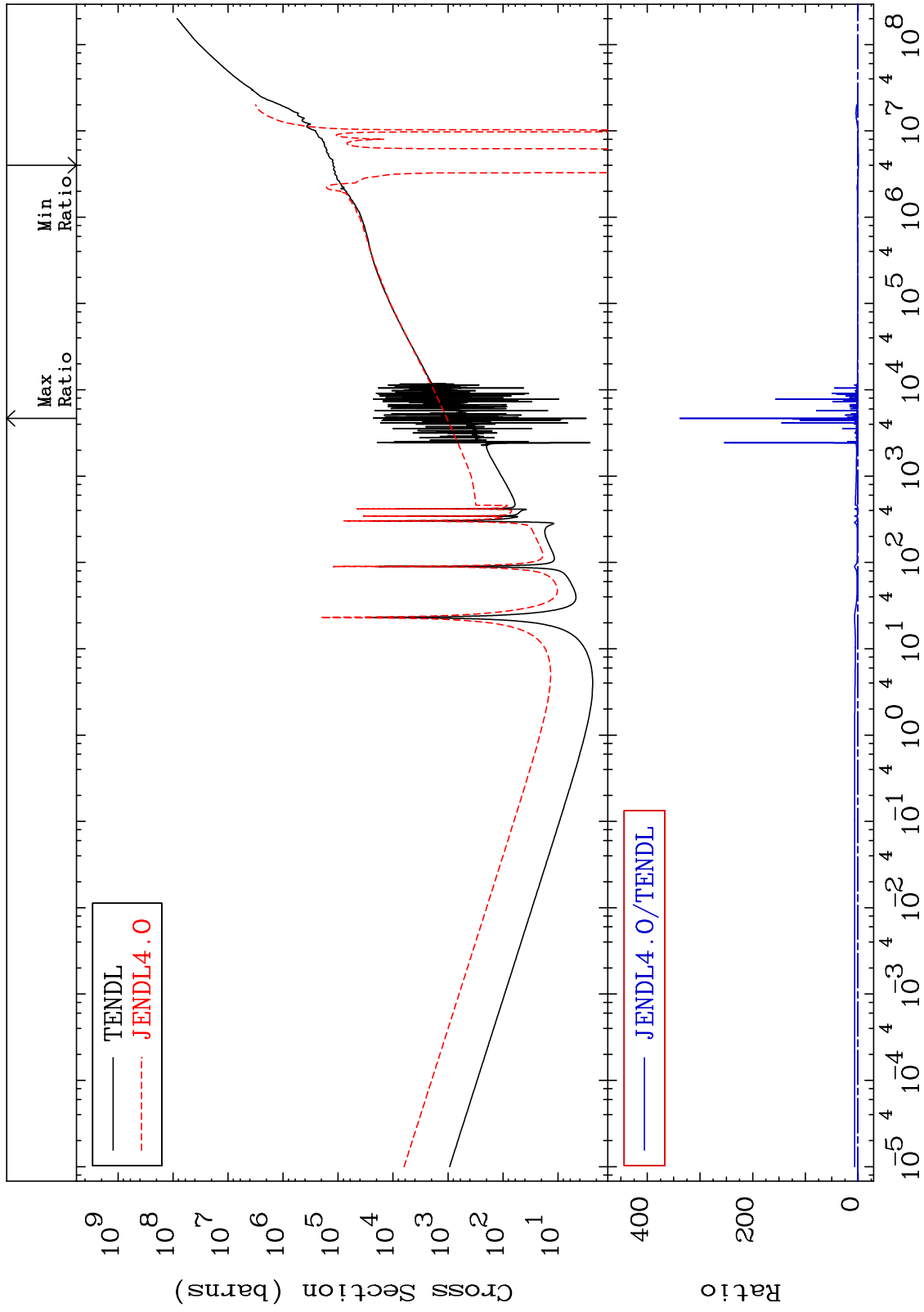
80-Hg-198
-73.83 To 9999. %



MAT 8031

Kerma total (eV-barns)
Cross Section

80-Hg-198
-150.7 To 9999. %



35

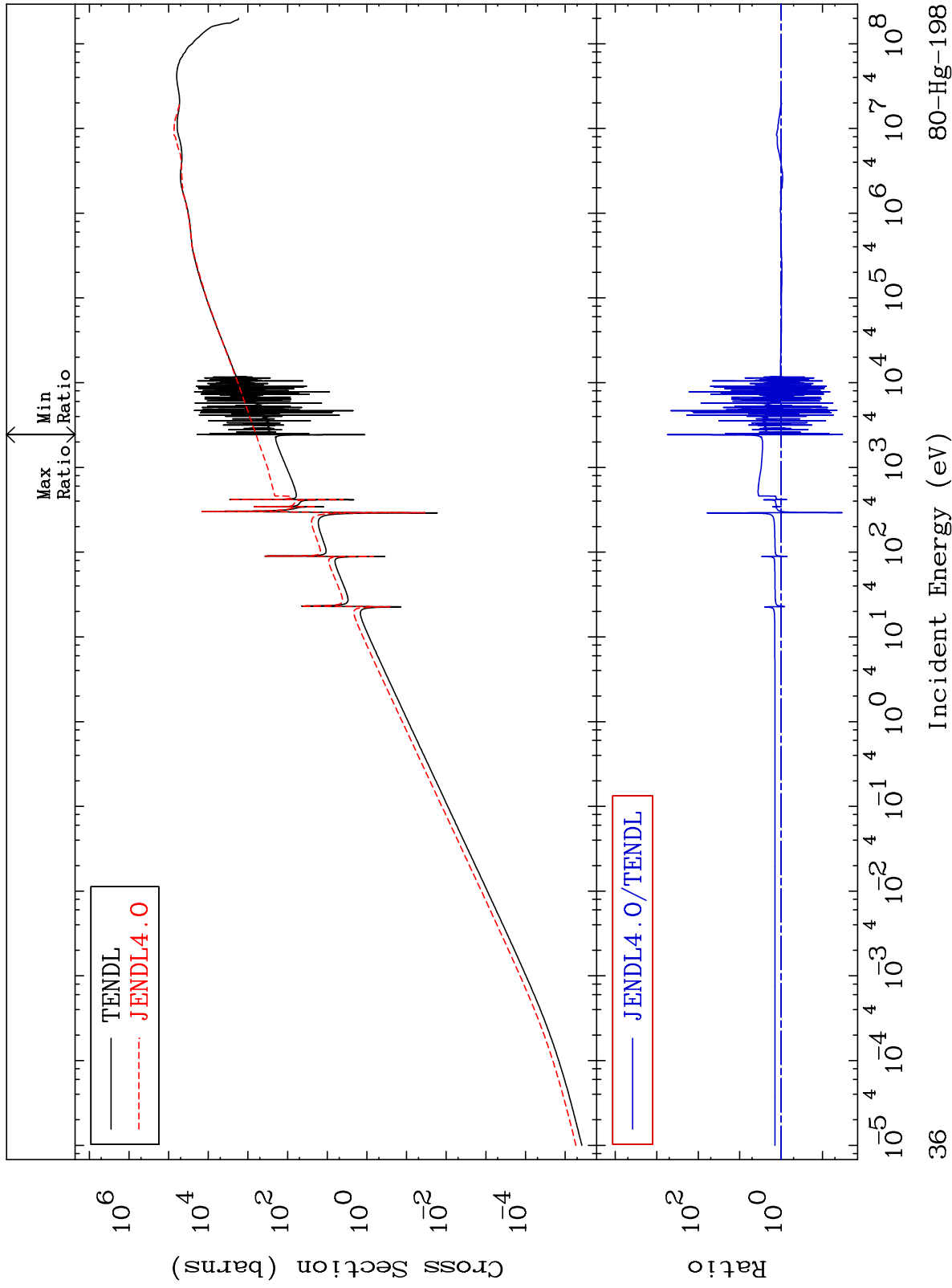
Incident Energy (eV)

80-Hg-198

MAT 8031

Kerma elastic
Cross Section

80-Hg-198
-96.73 To 9999. %



36

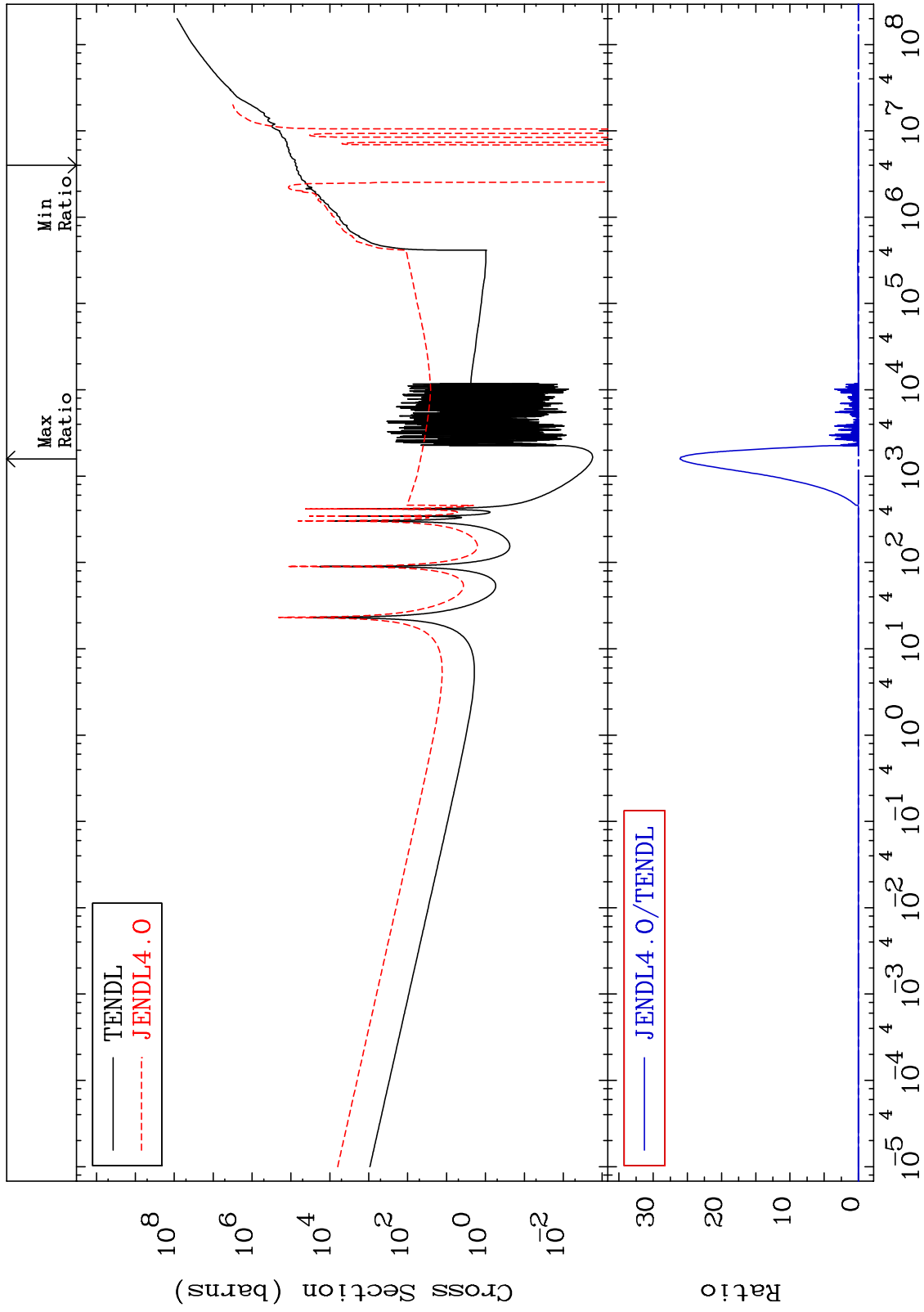
Incident Energy (eV)

80-Hg-198

MAT 8031

Kerma non-elastic (all but mt2)
Cross Section

80-Hg-198
-243.2 To 9999. %



37

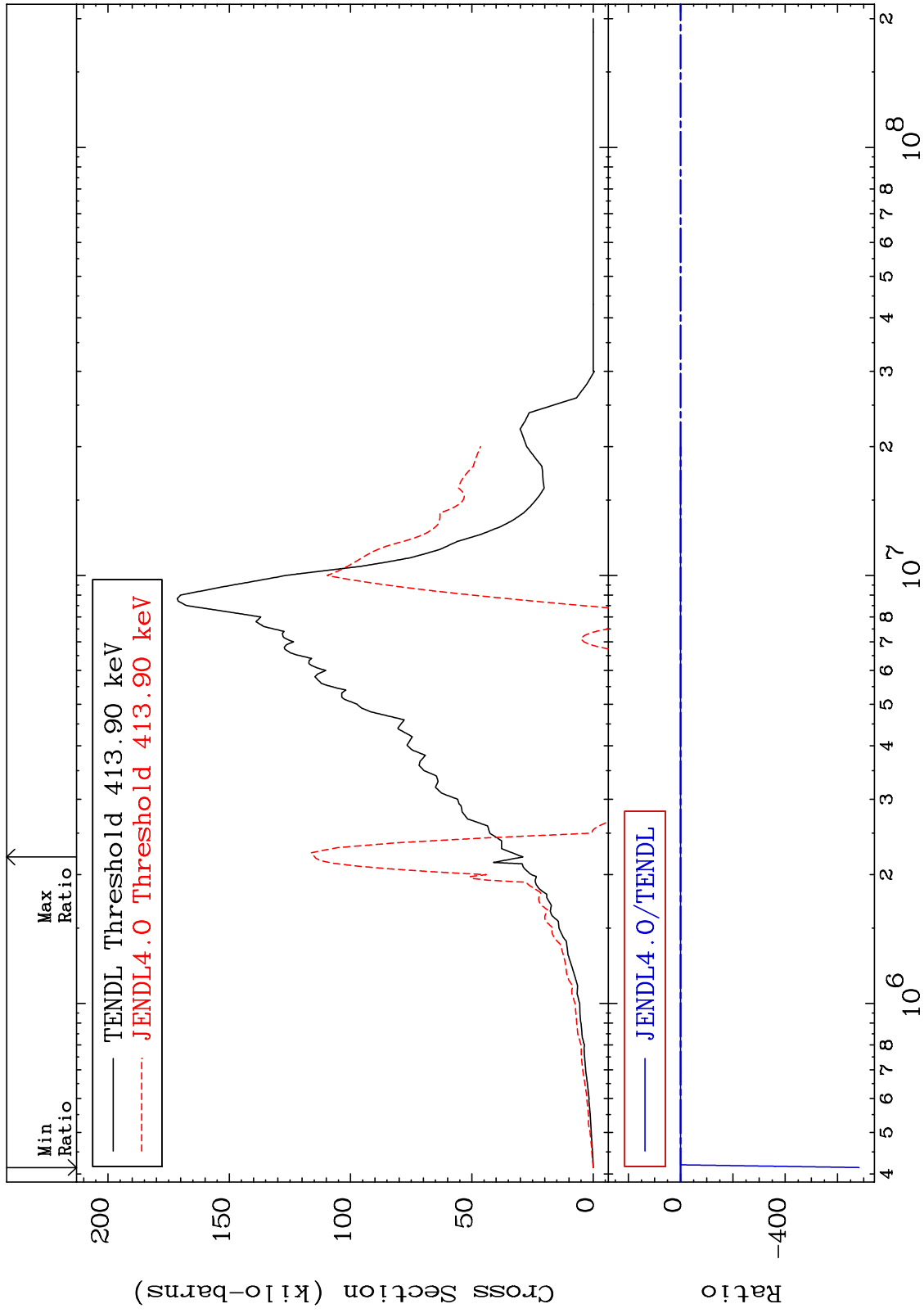
Incident Energy (eV)

80-Hg-198

MAT 8031

Kerma inelastic (mt51-91)
Cross Section

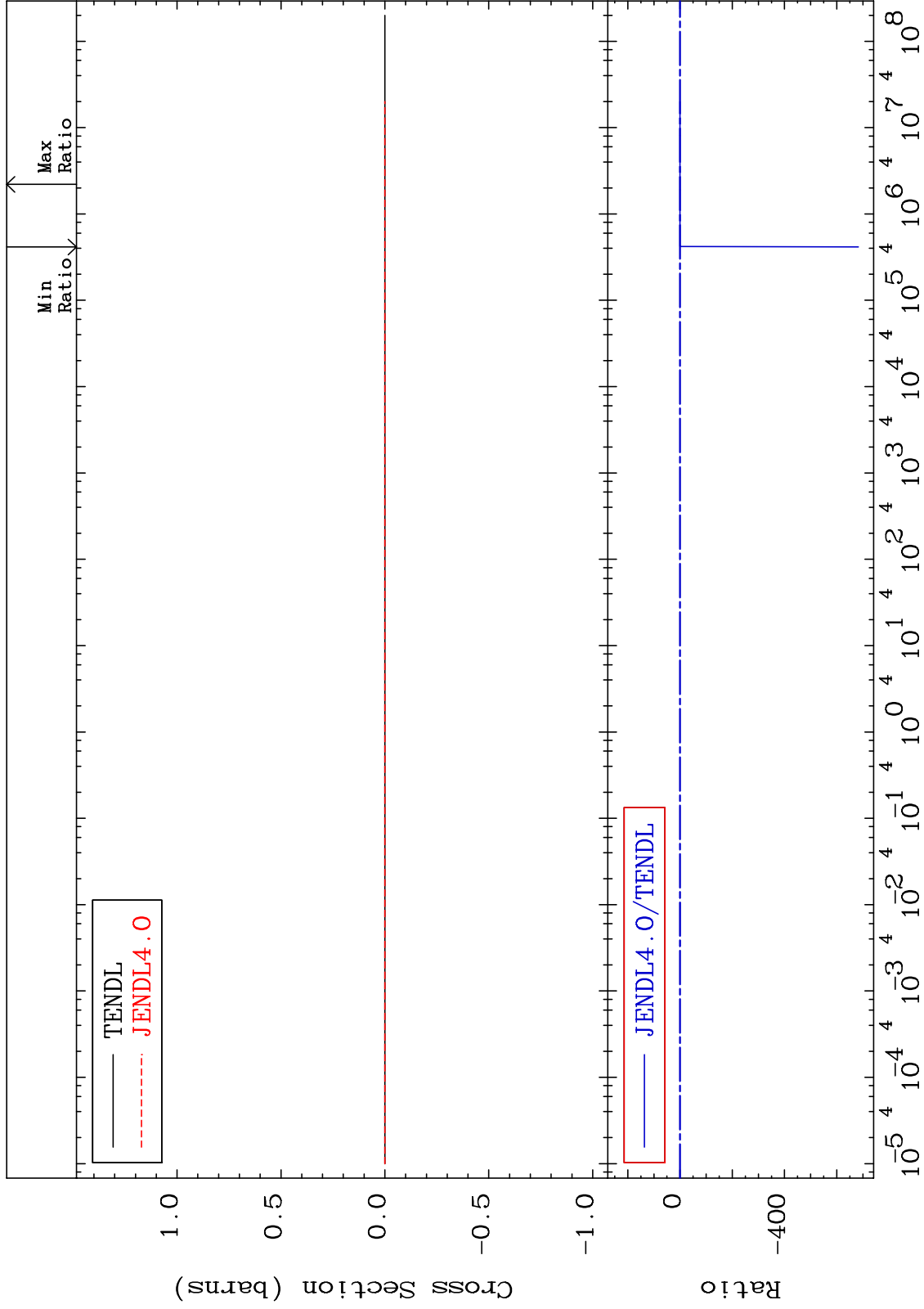
80-Hg-198
-9999. To 295.8 %



MAT 8031

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

80-Hg-198
-9999. To 295.8 %



39

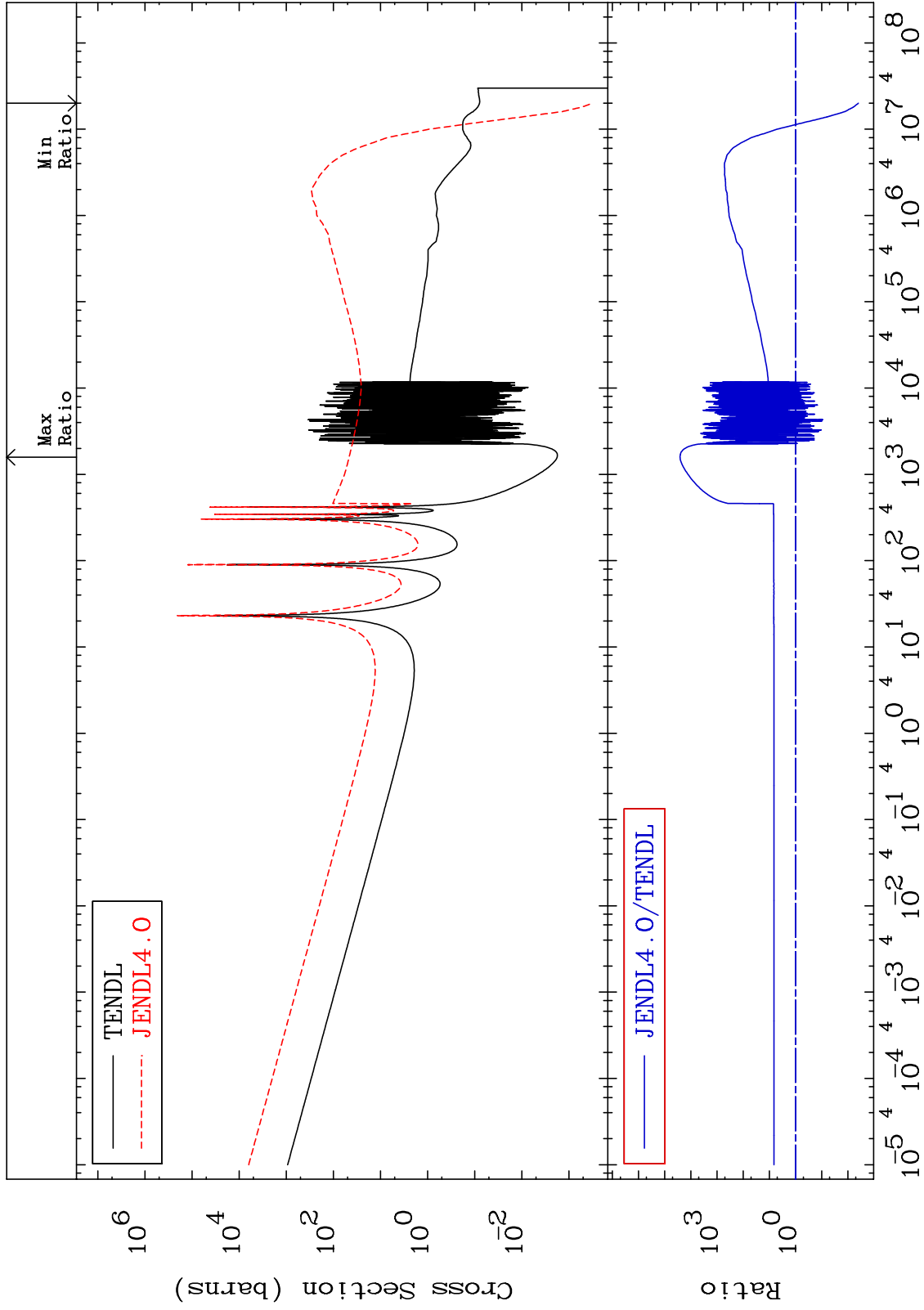
Incident Energy (eV)

80-Hg-198

MAT 8031

Kerma capture (mt102)
Cross Section

80-Hg-198
-99.60 To 9999. %



40

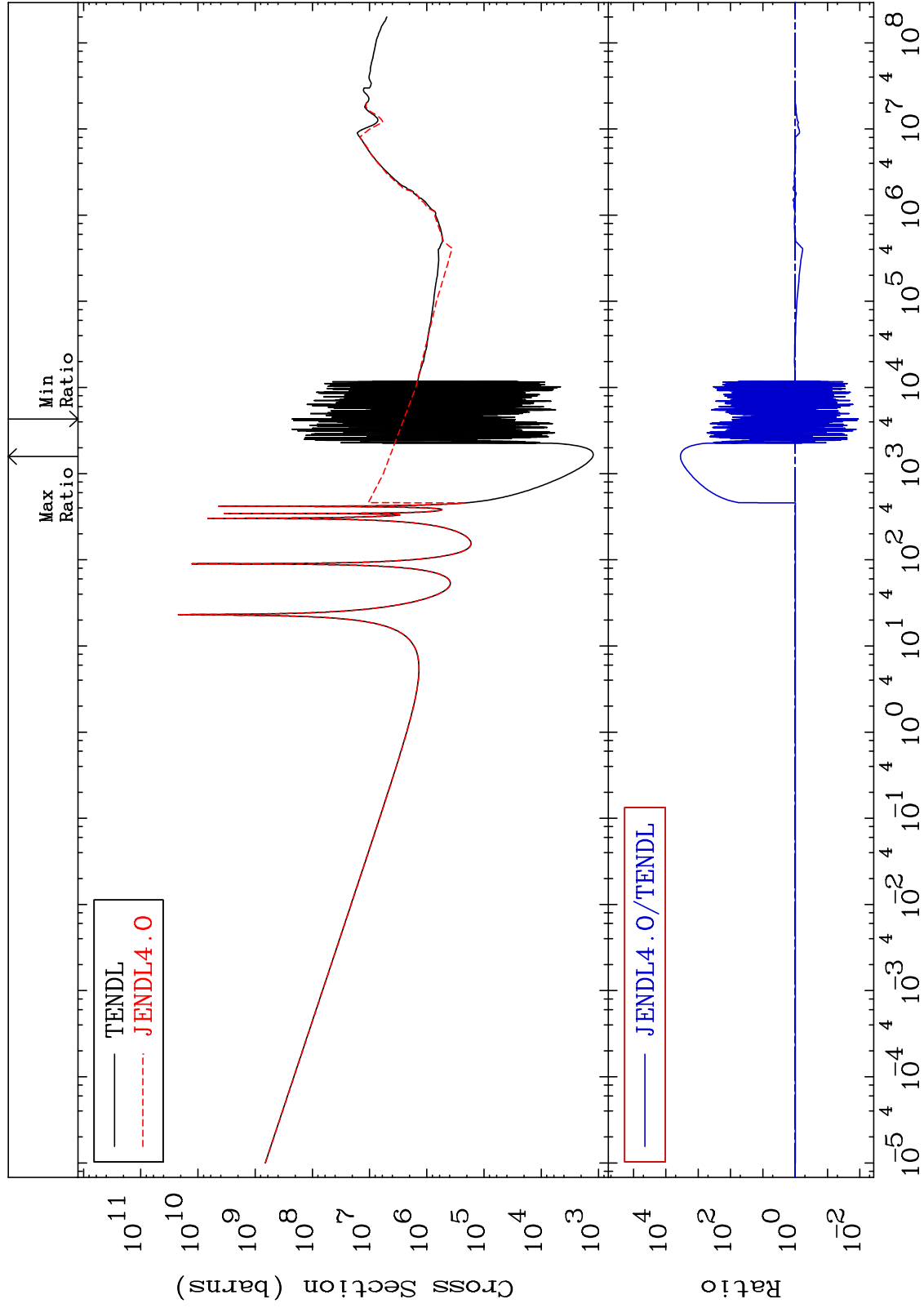
Incident Energy (eV)

80-Hg-198

MAT 8031

Total photon (eV-barns)
Cross Section

80-Hg-198
-98.90 To 9999. %



41

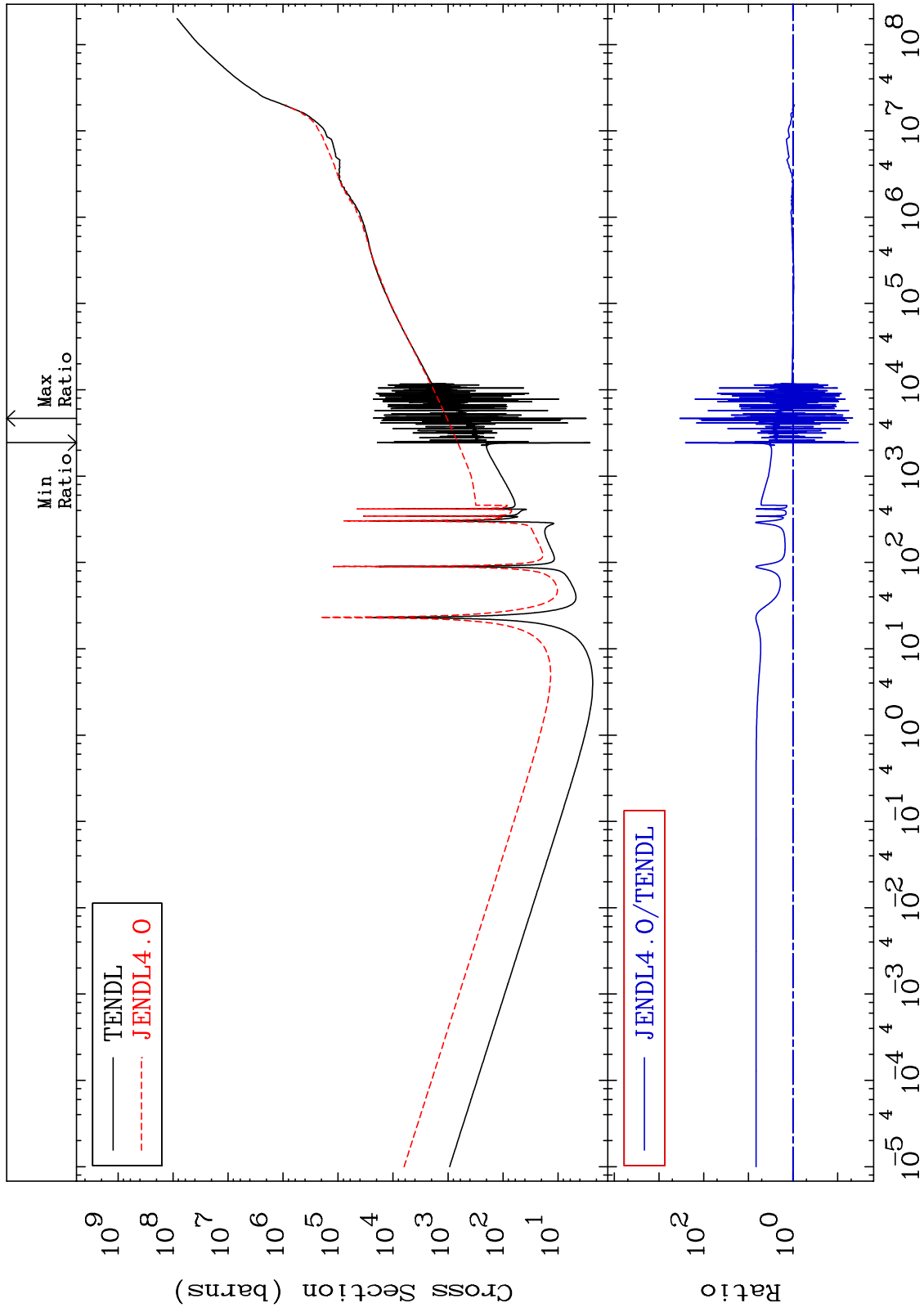
Incident Energy (eV)

80-Hg-198

MAT 8031

Total kinematic kerma (high limit)
Cross Section

80-Hg-198
-96.55 To 9999. %



42

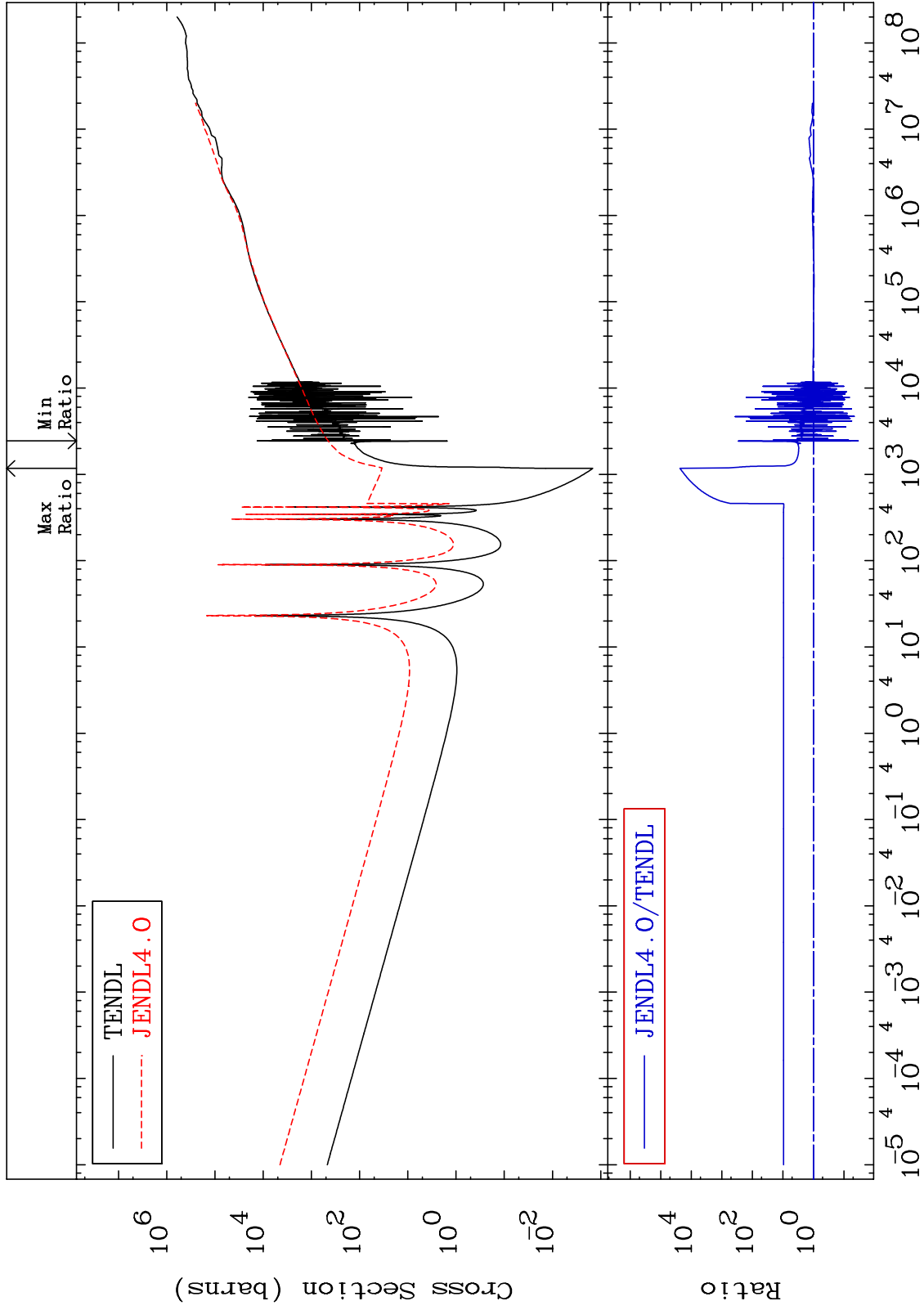
Incident Energy (eV)

80-Hg-198

MAT 8031

Dpa total (eV-barns)
Cross Section

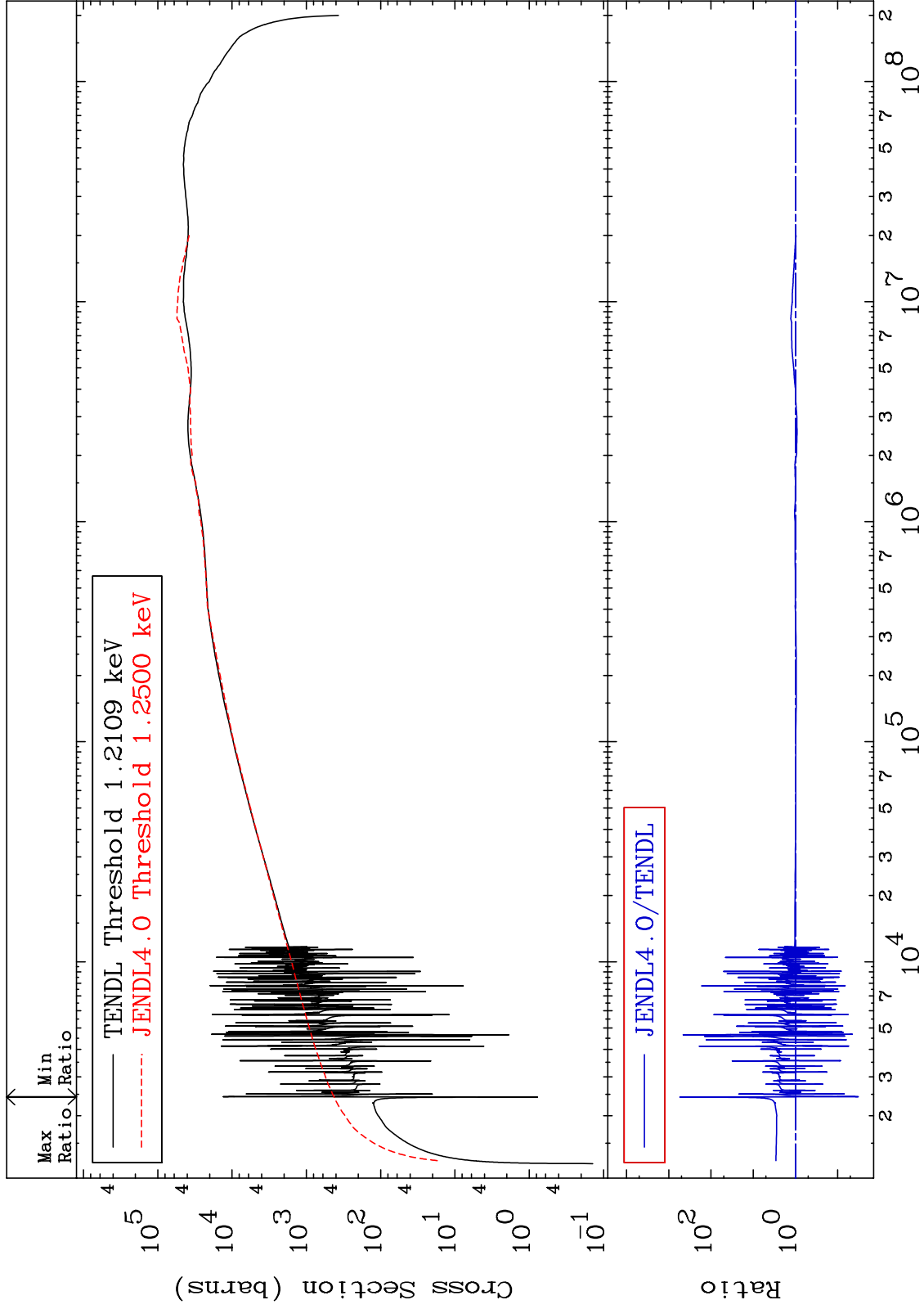
80-Hg-198
-96.62 To 9999. %



MAT 8031

Dpa elastic (mt2)
Cross Section

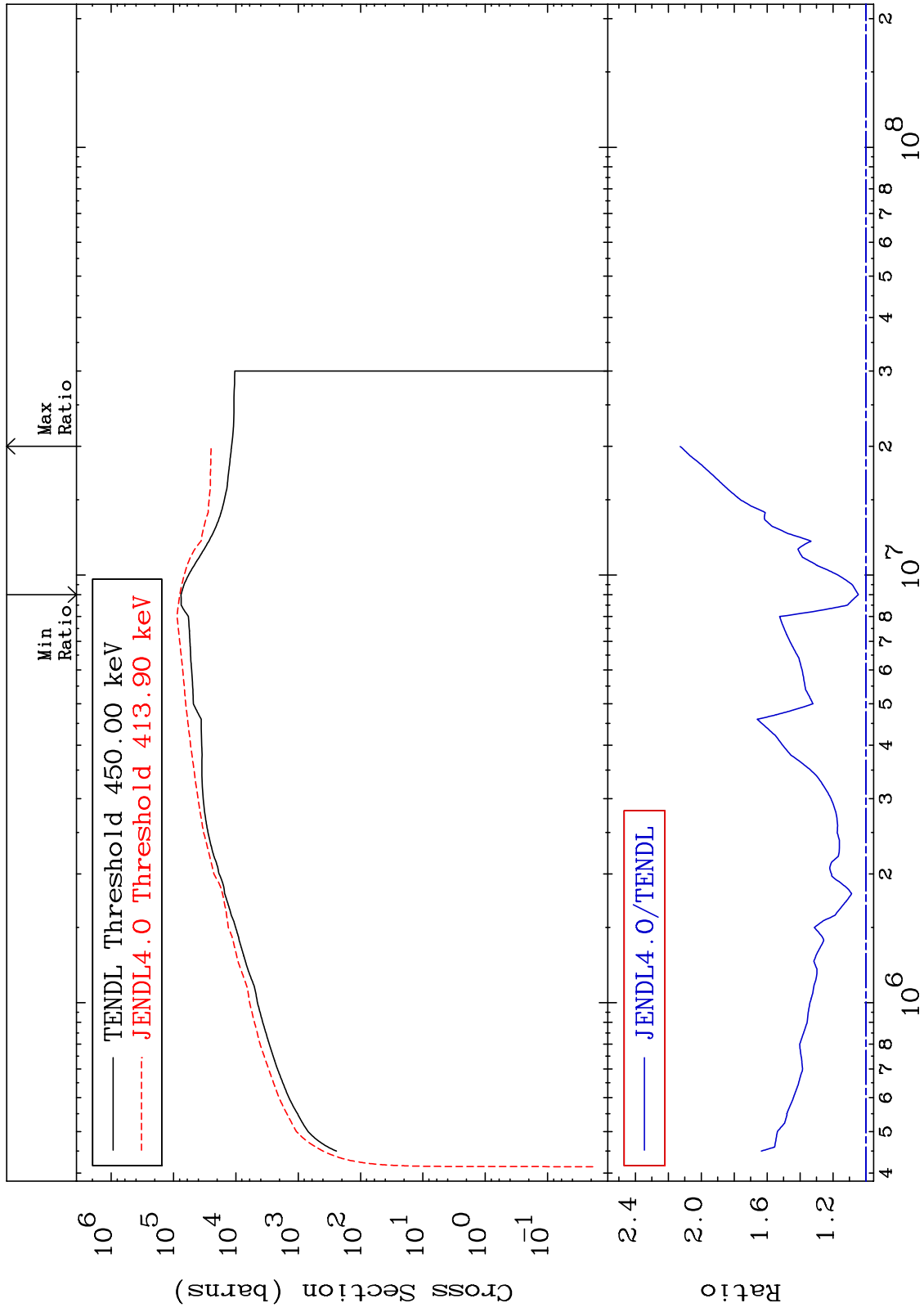
80-Hg-198
-96.77 To 9999. %



MAT 8031

Dpa inelastic (mt51-91)
Cross Section

80-Hg-198
4.570 To 112.9 %



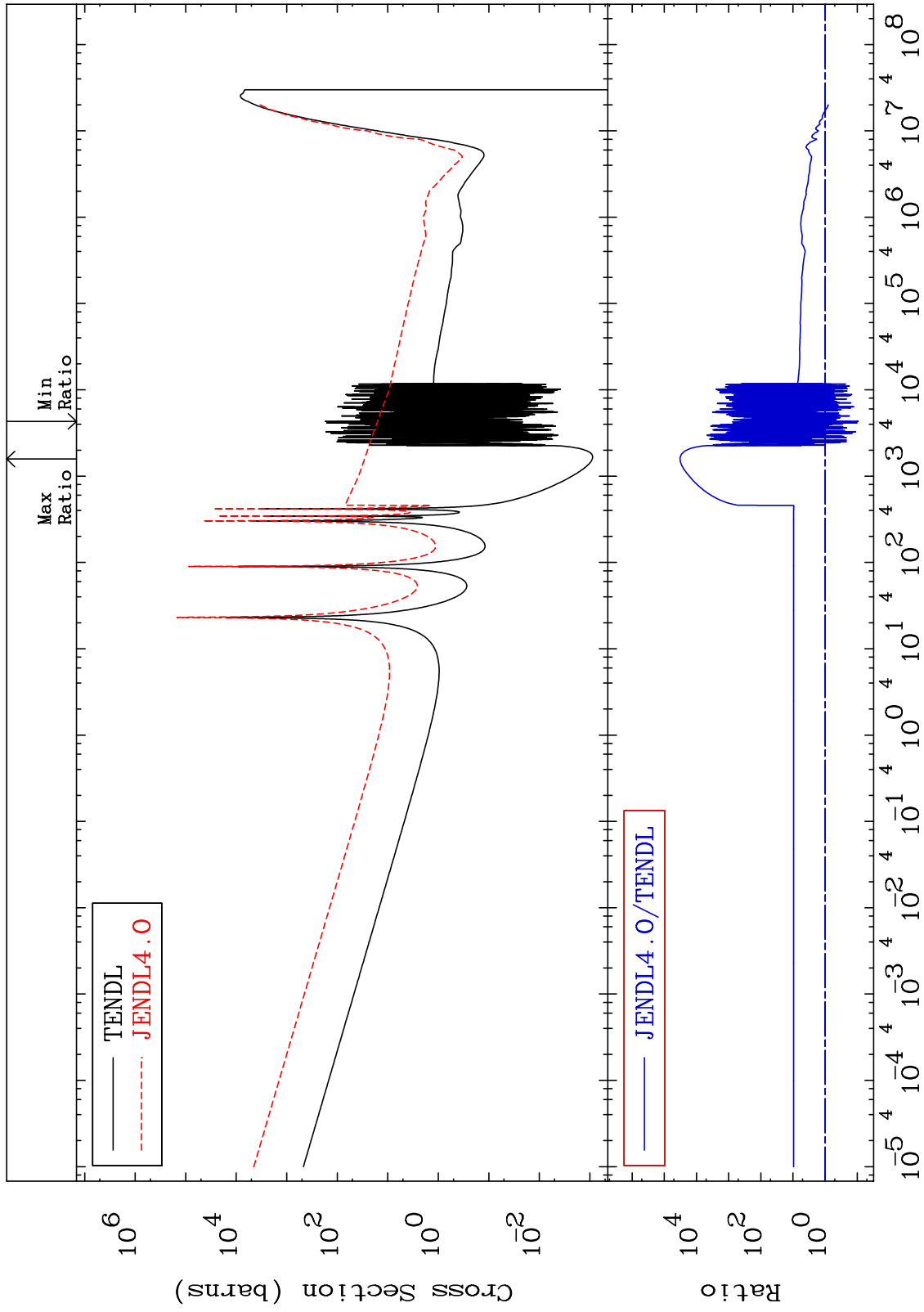
45

80-Hg-198

MAT 8031

Dpa disappearance (mt102 -120)
Cross Section

80-Hg-198
-90.78 To 9999. %



46

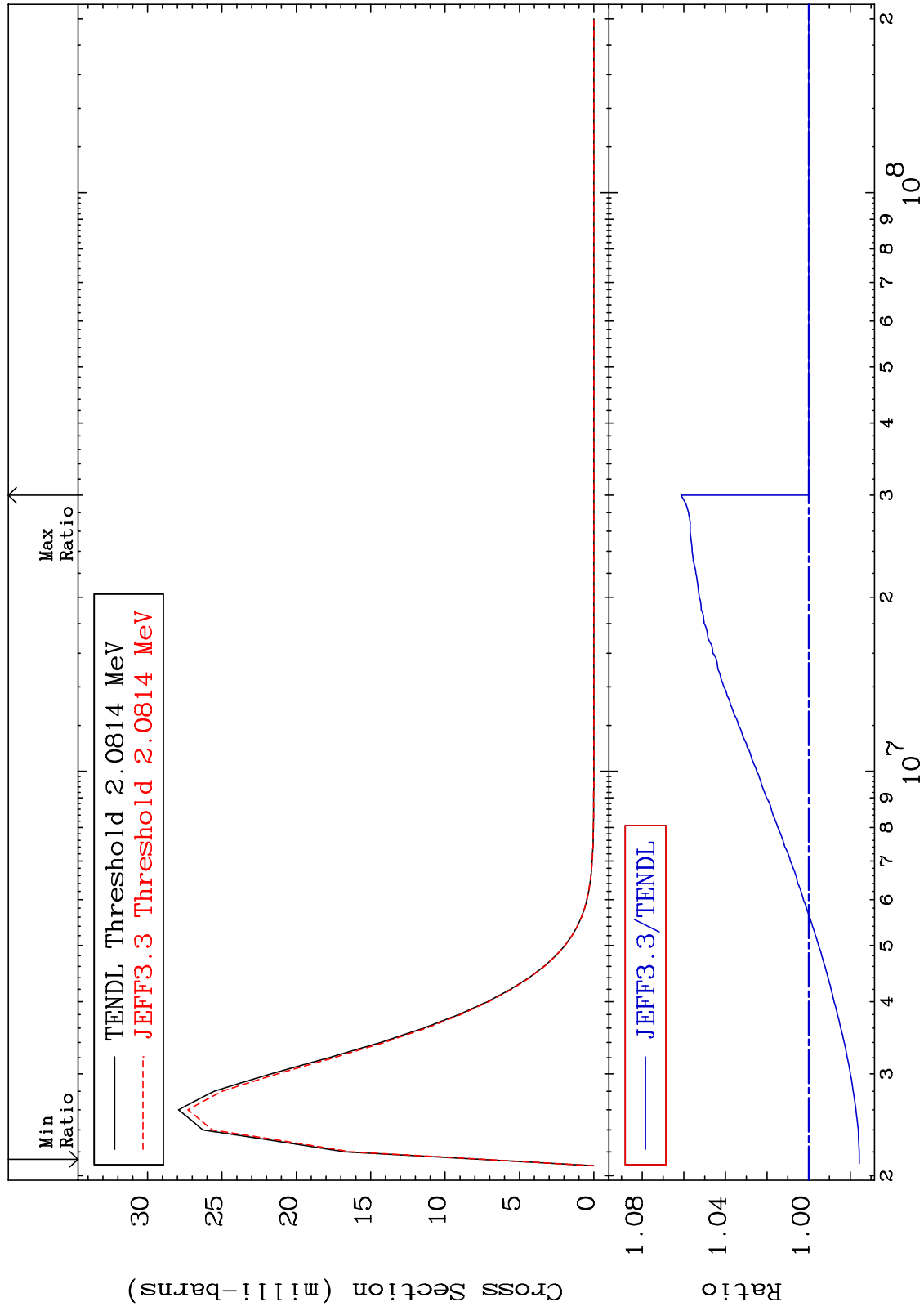
Incident Energy (eV)

80-Hg-198

MAT 8031

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

80-Hg-198
-2.434 To 6.136 %



47

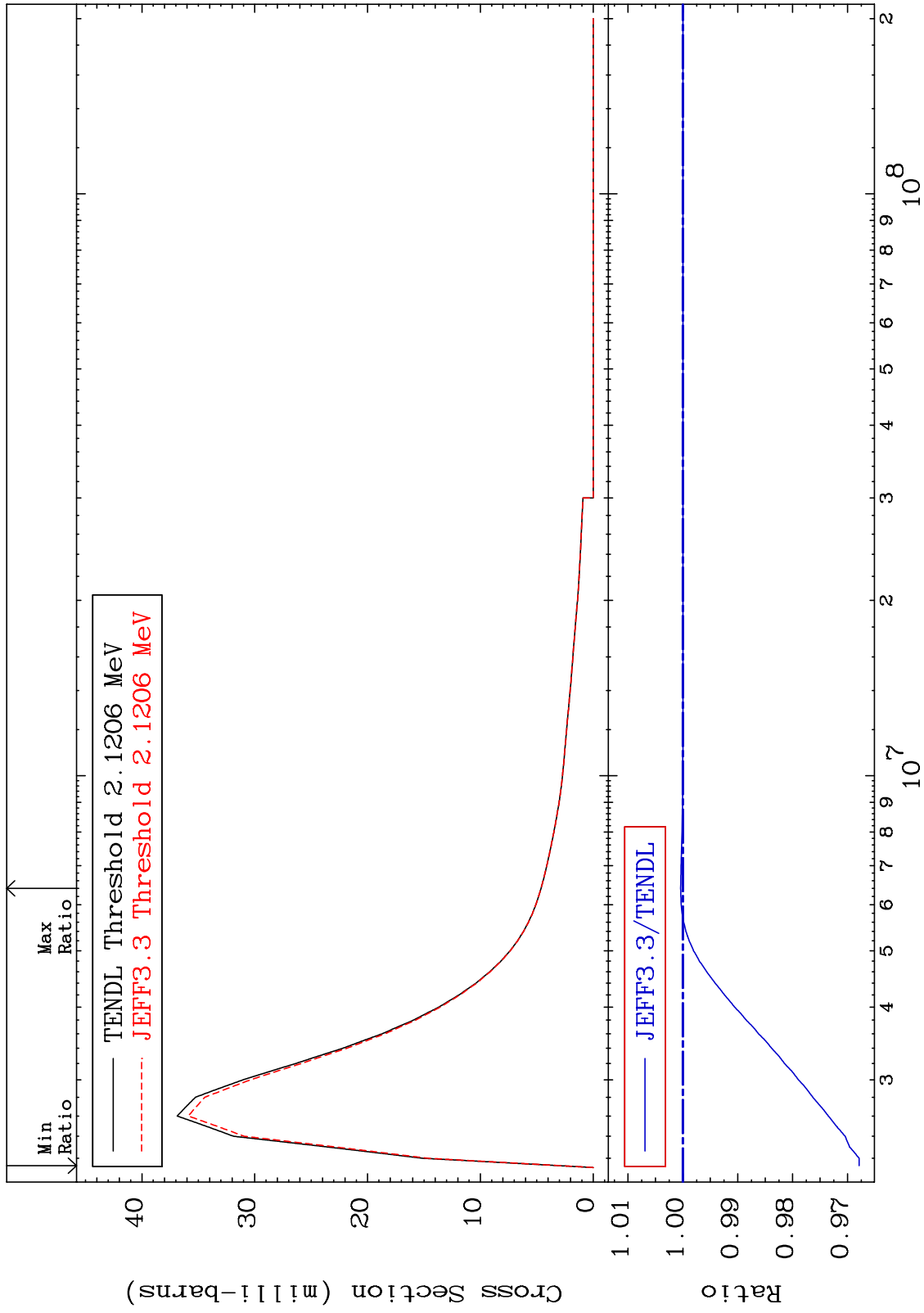
Incident Energy (eV)

80-Hg-198

MAT 8031

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

80-Hg-198
-3.213 To 0.042 %



48

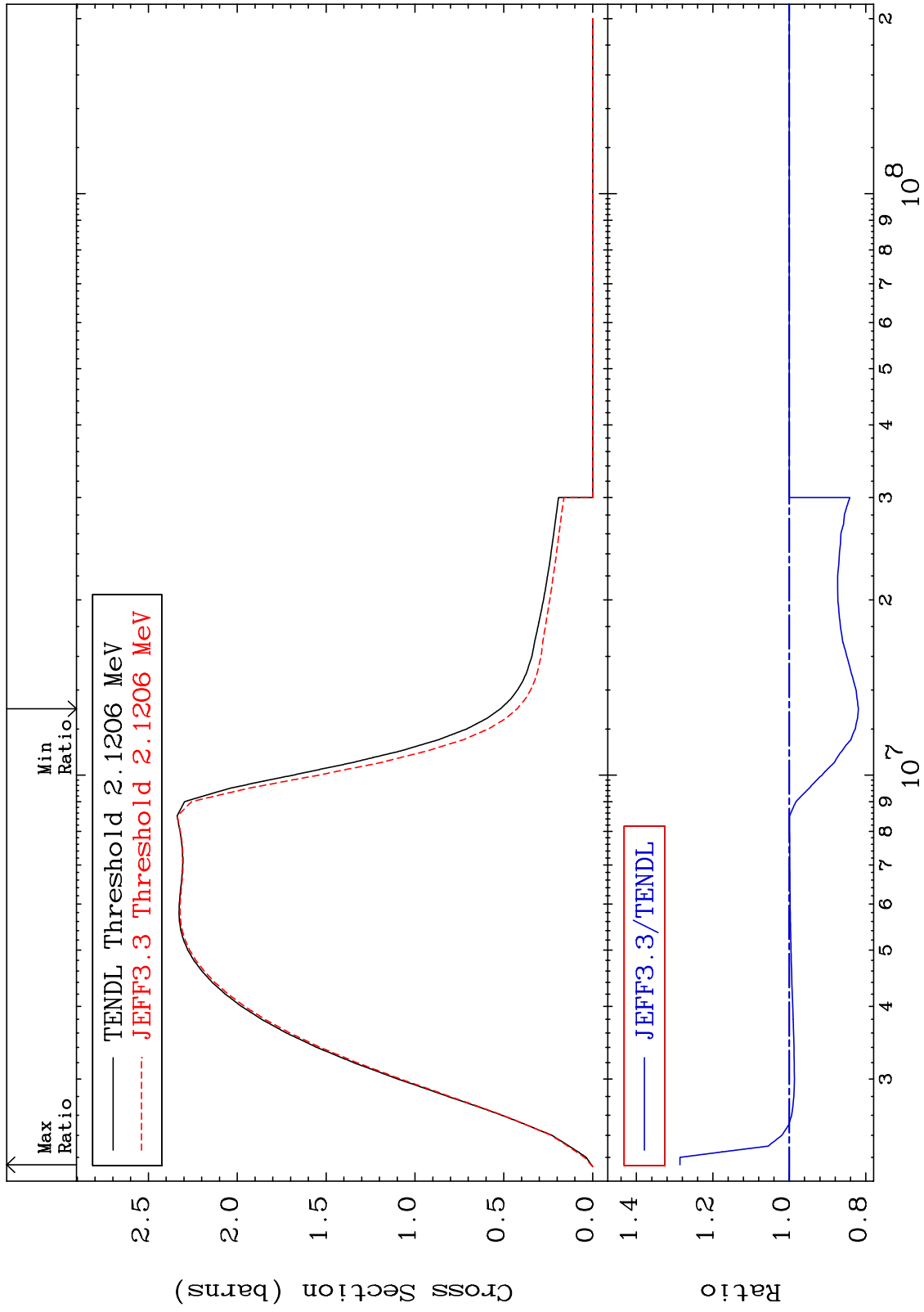
Incident Energy (eV)

80-Hg-198

MAT 8031

(n, n') Continuum
Cross Section

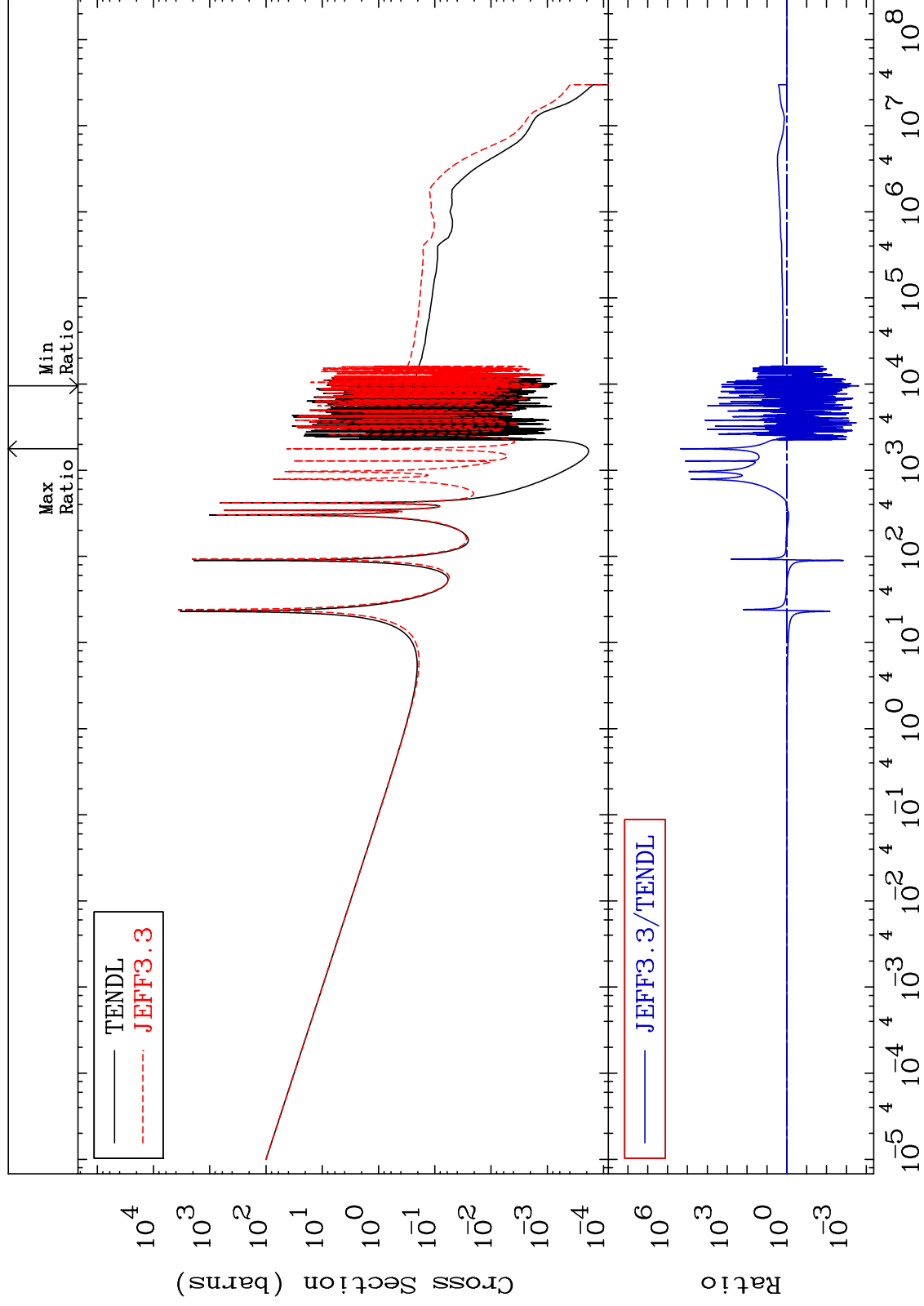
80-Hg-198
-18.08 To 28.59 %



MAT 8031

(n, γ)
Cross Section

80-Hg-198
-99.98 To 9999. %



50

Incident Energy (eV)

80-Hg-198

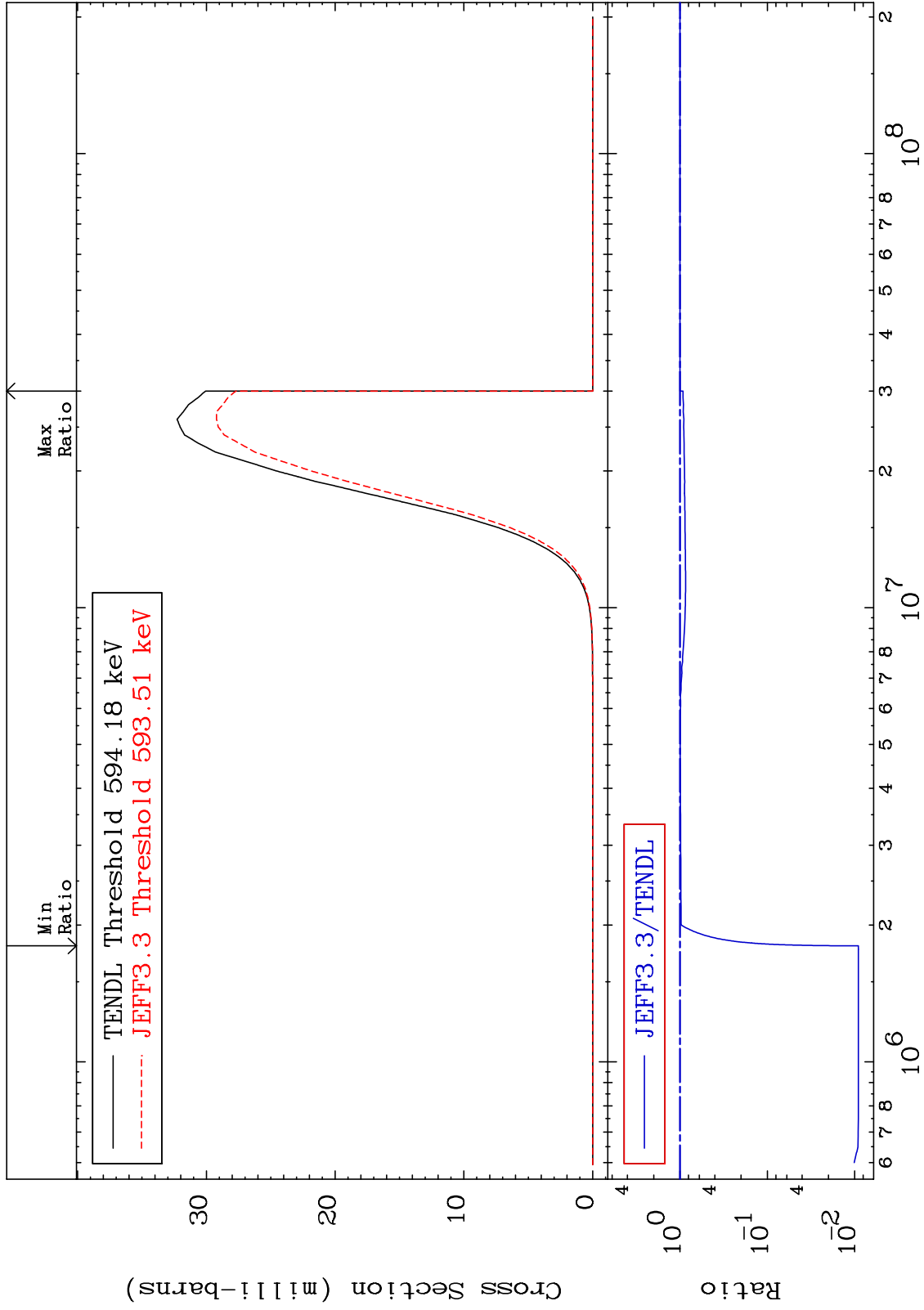
MAT 8031

(n, p)

80-Hg-198

Cross Section

-99.09 To 0.000 %



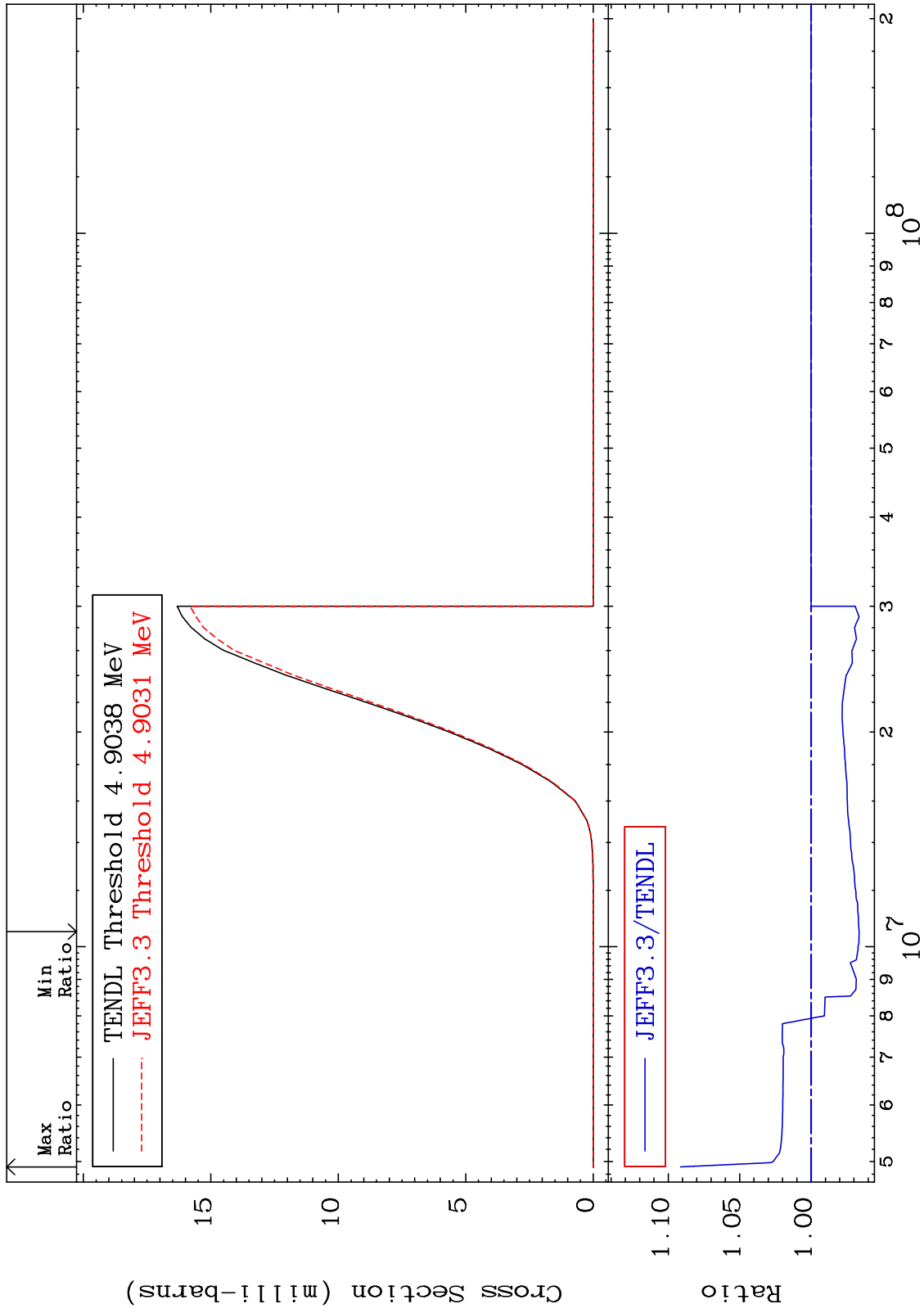
MAT 8031

(n, d)

80-Hg-198

Cross Section

-3.364 To 9.134 %



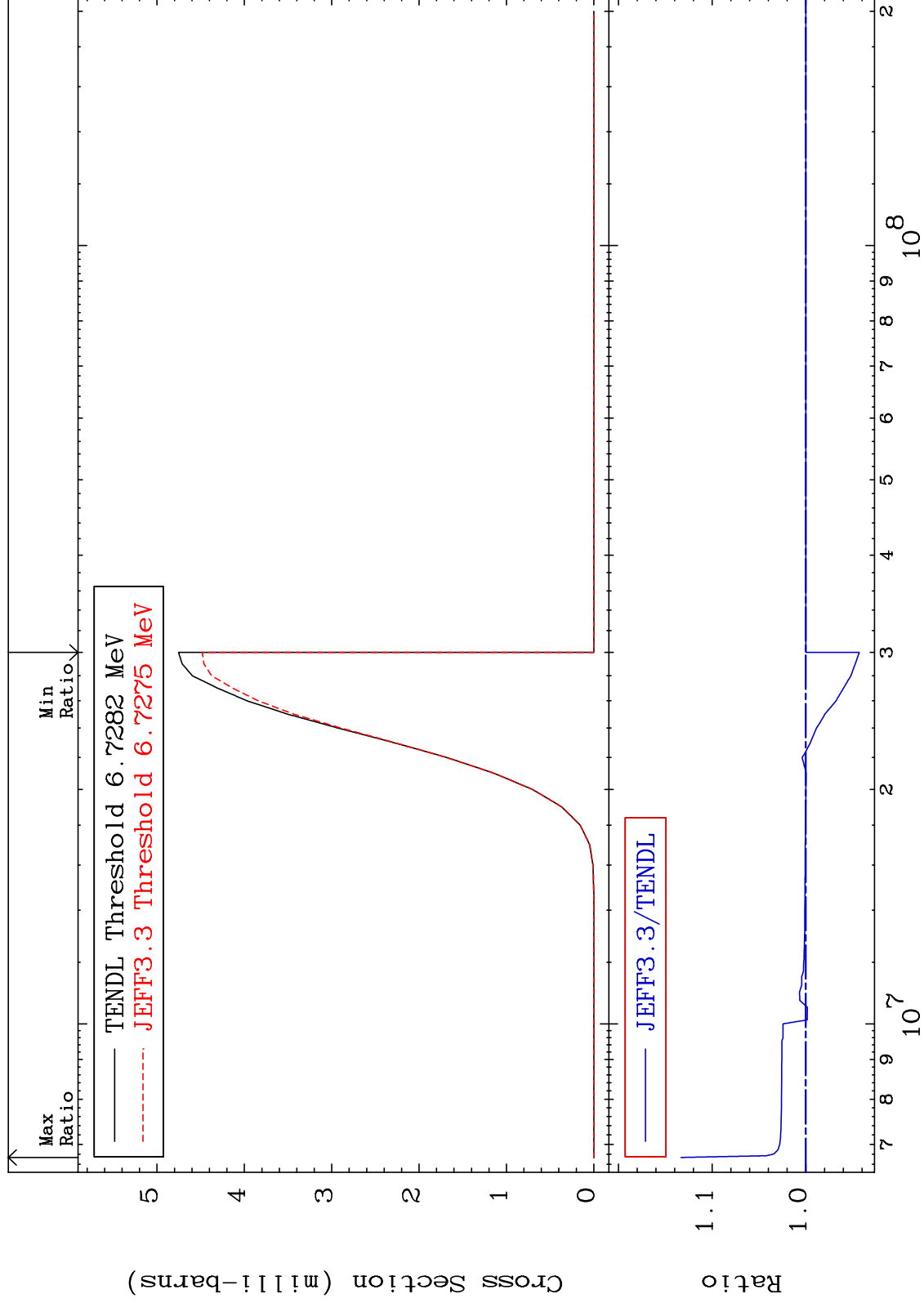
MAT 8031

(n, t)

80-Hg-198

Cross Section

-5.713 To 13.32 %



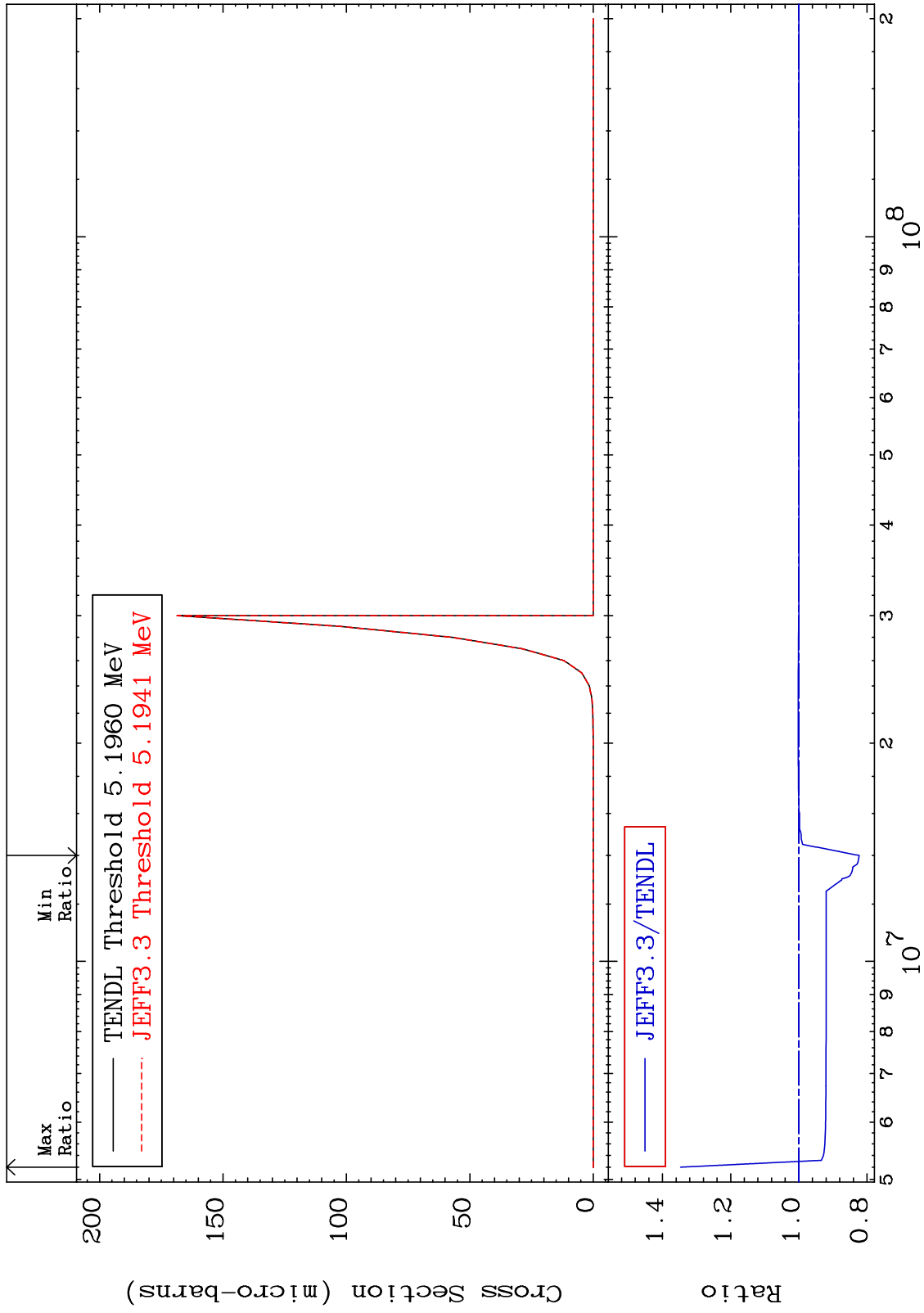
MAT 8031

(n, He-3)

80-Hg-198

Cross Section

-17.71 To 34.68 %

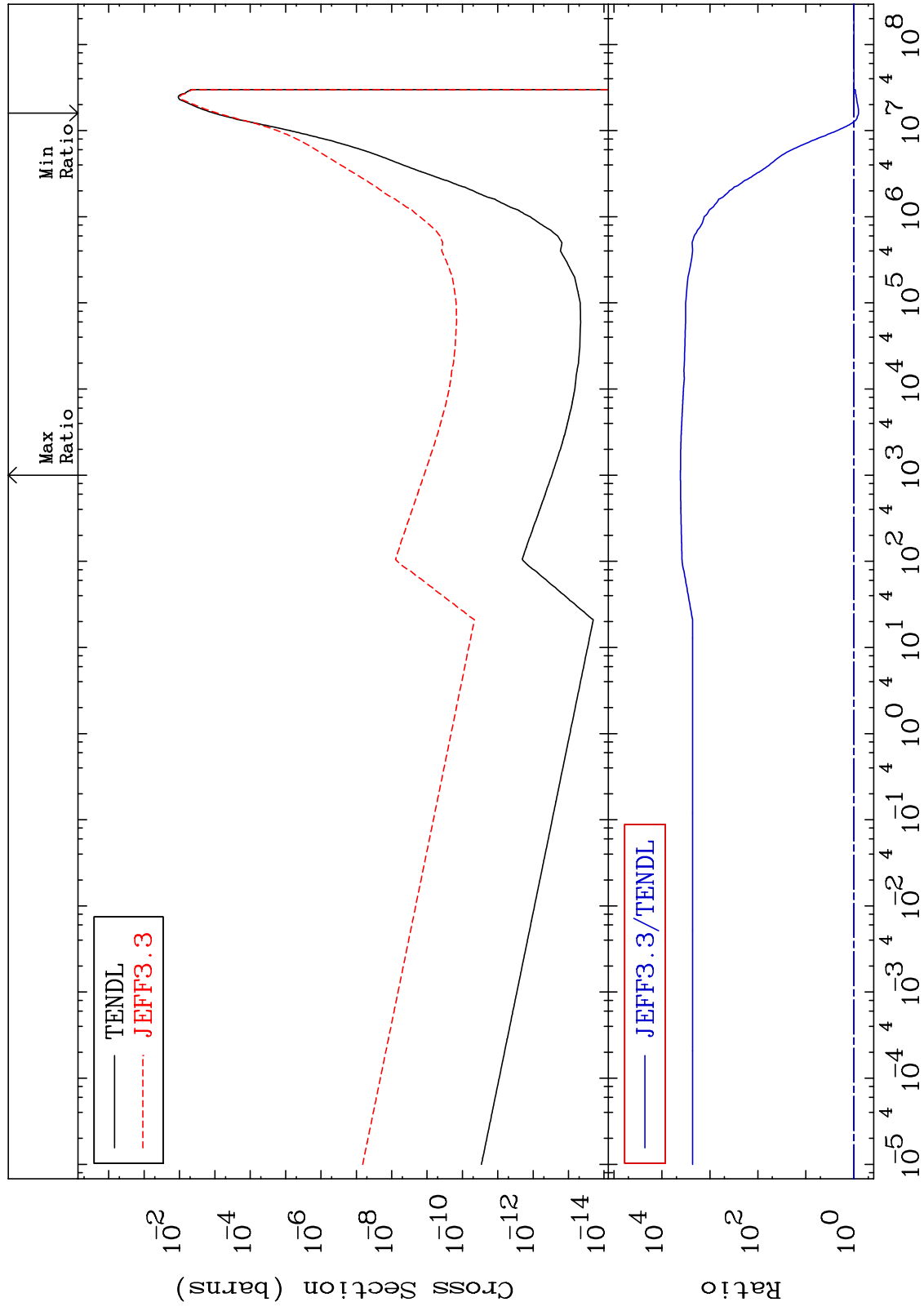


MAT 8031

(n, α)
Cross Section

80-Hg-198

-19.96 To 9999. %



55

Incident Energy (eV)

80-Hg-198

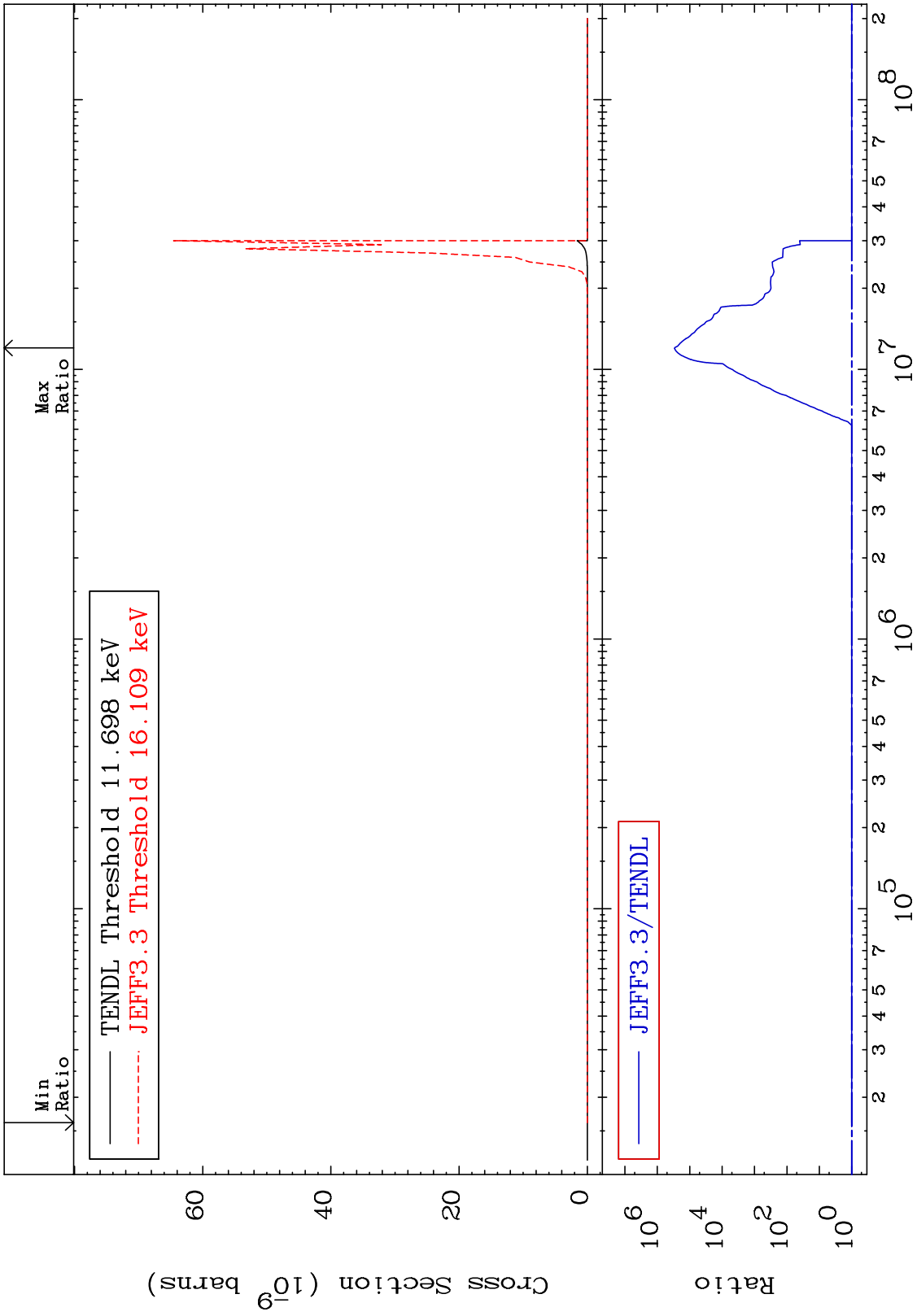
MAT 8031

(n,2α)

80-Hg-198

Cross Section

0.000 To 9999. %



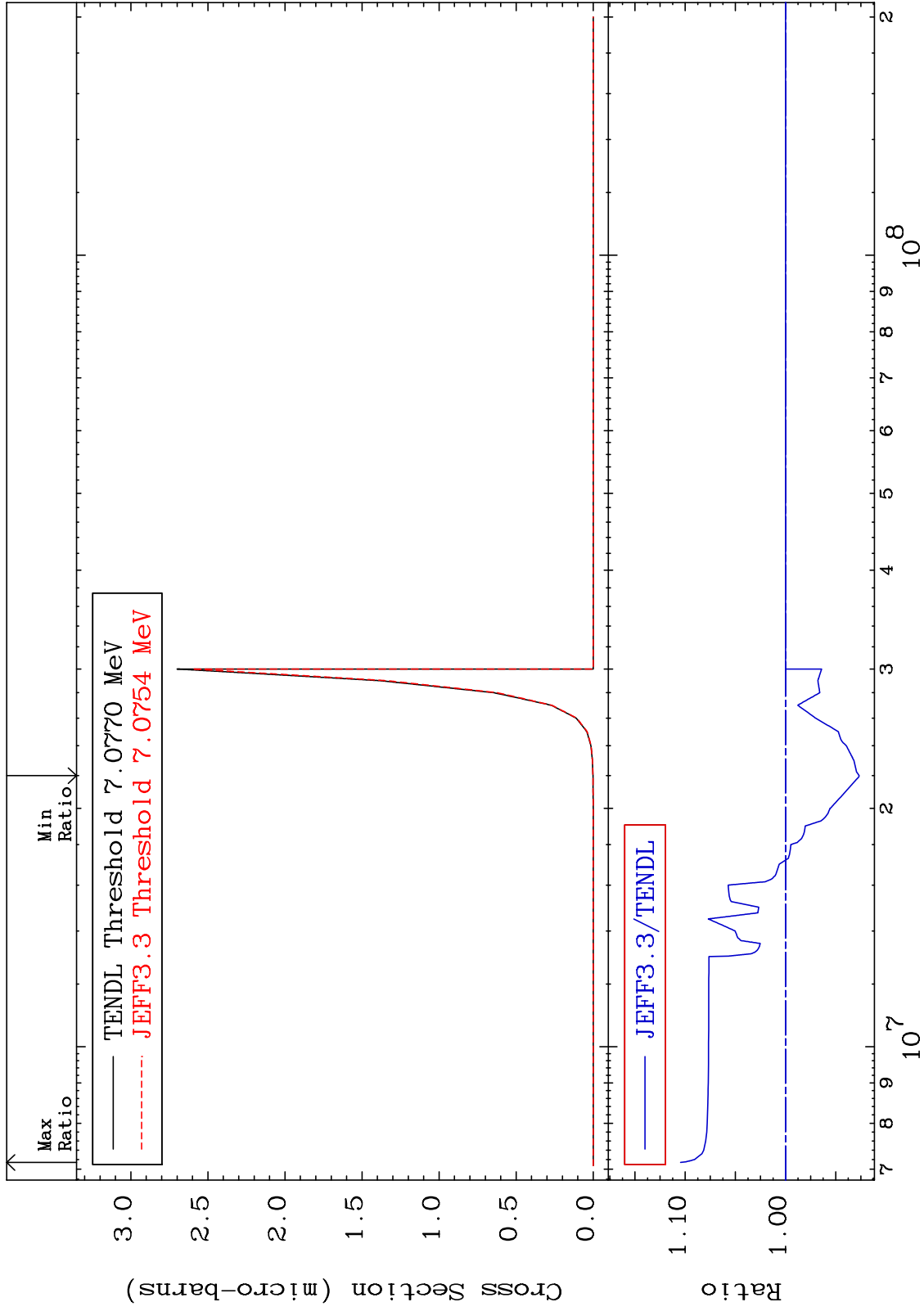
MAT 8031

(n,2p)

80-Hg-198

Cross Section

-7.335 To 10.46 %



57

Incident Energy (eV)

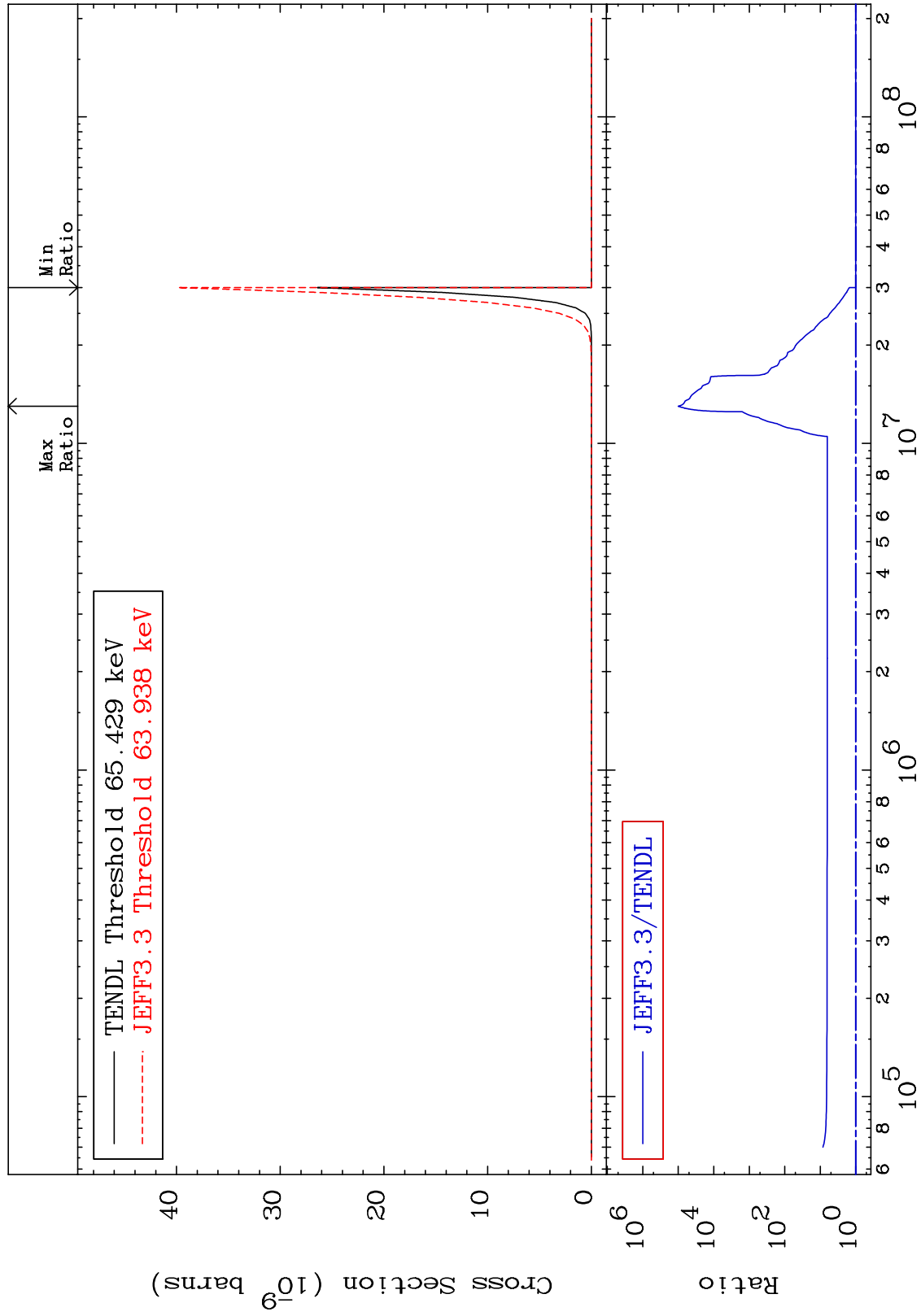
80-Hg-198

MAT 8031

(n,p) α

80-Hg-198
To 9999. %
0.000

Cross Section



58

Incident Energy (eV)

80-Hg-198

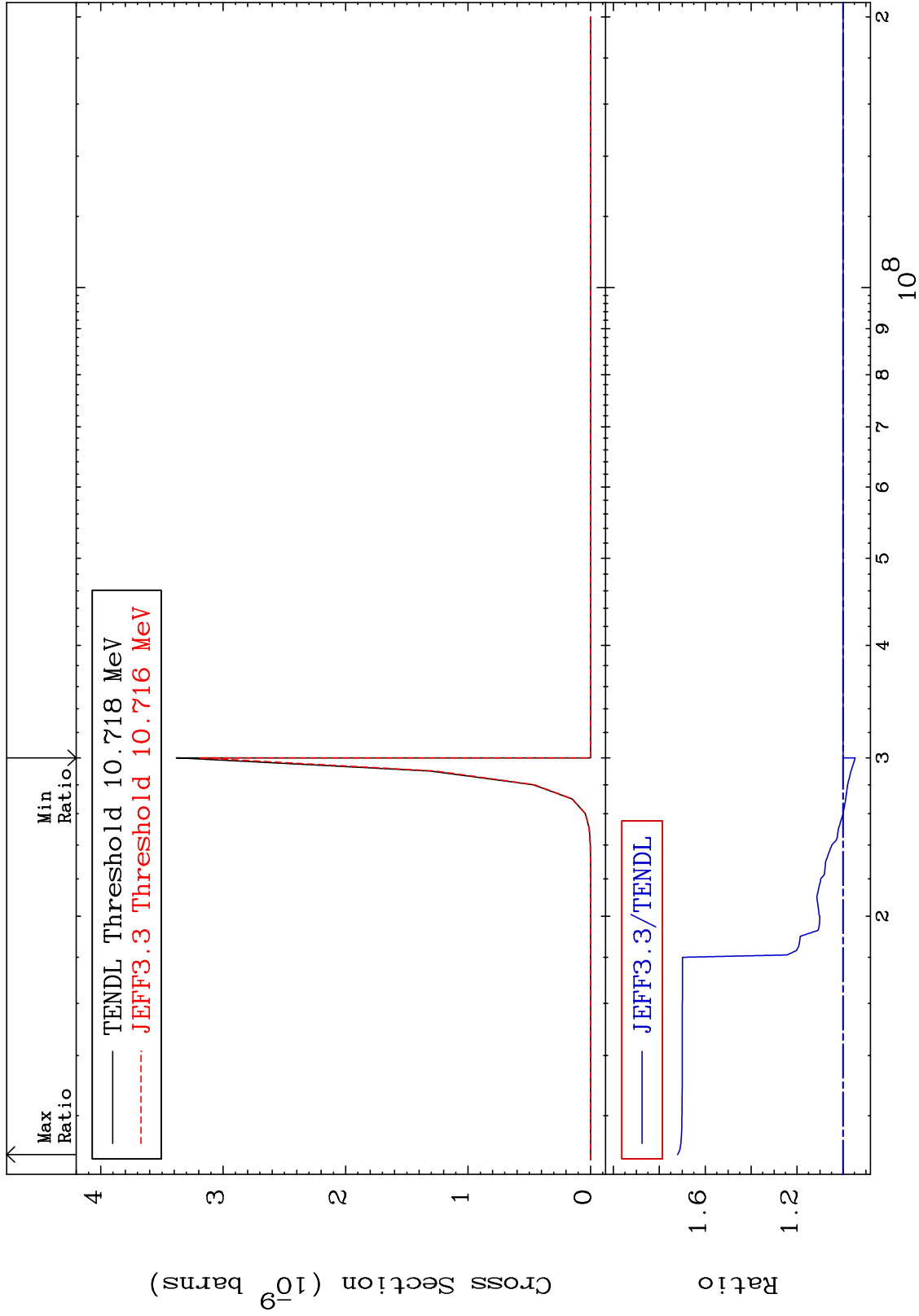
MAT 8031

(n,p) d

80-Hg-198

Cross Section

-5.363 To 72.07 %



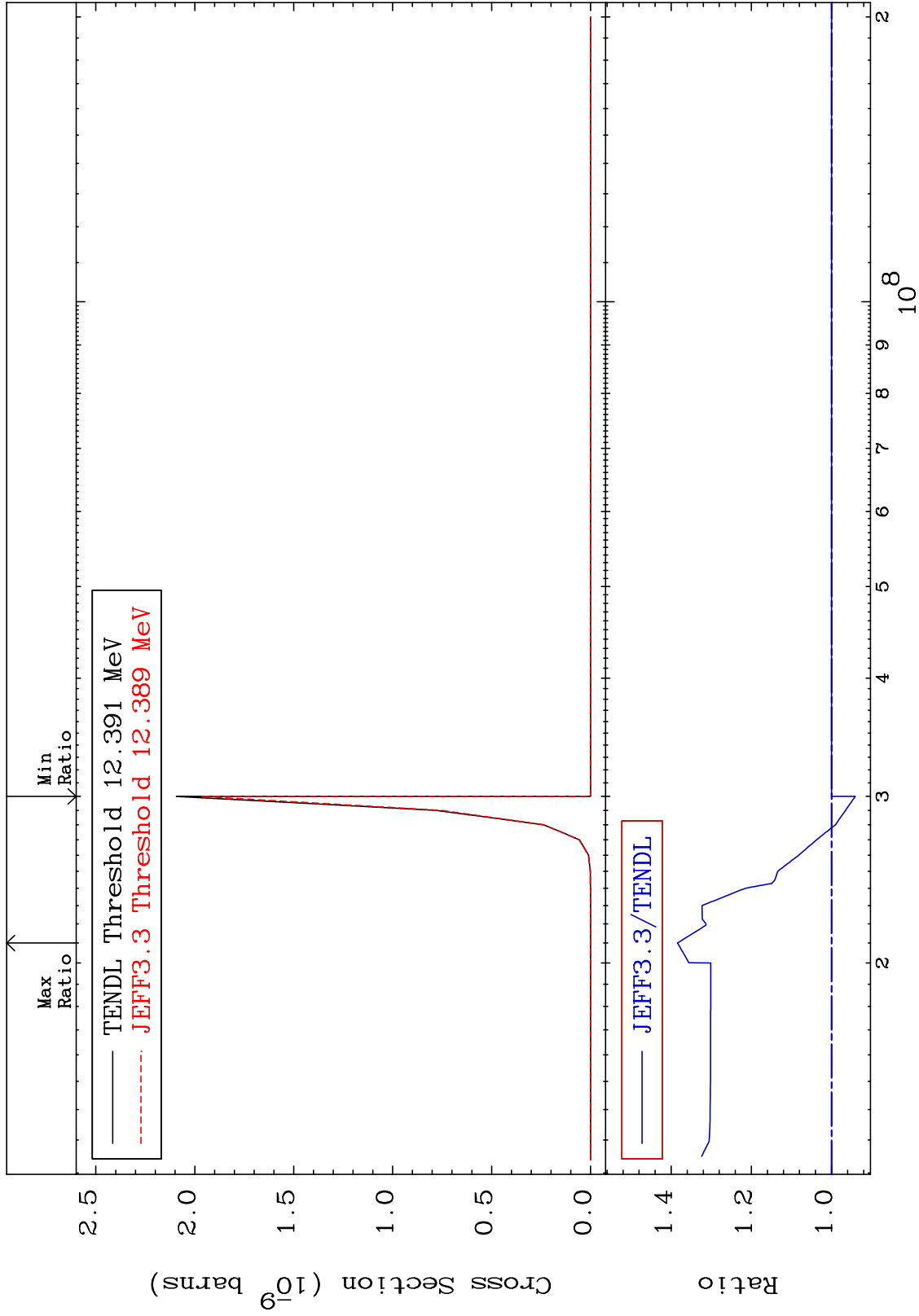
MAT 8031

(n,p) t

80-Hg-198

Cross Section

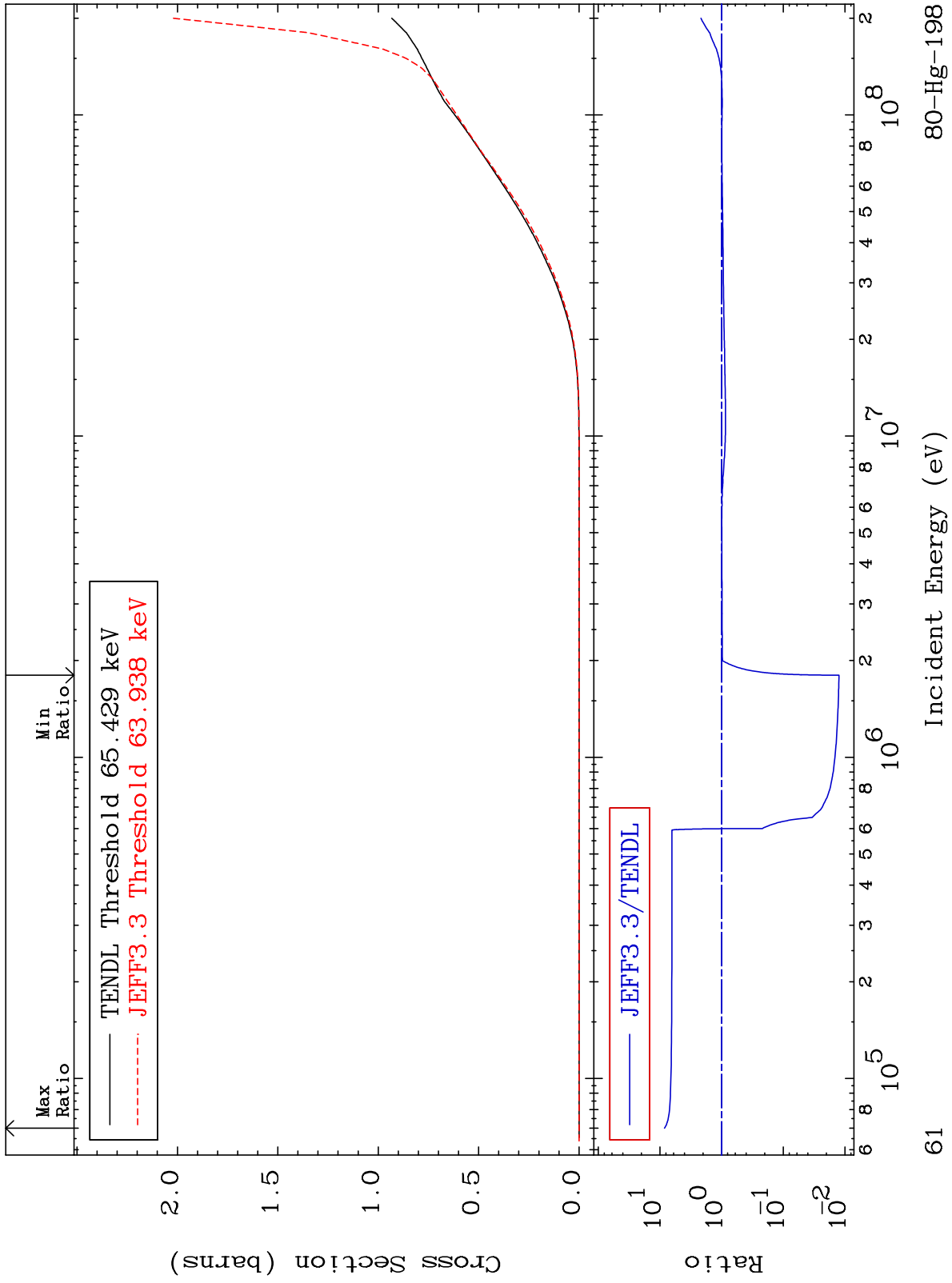
-5.923 To 38.41 %



MAT 8031

Hydrogen Production
Cross Section

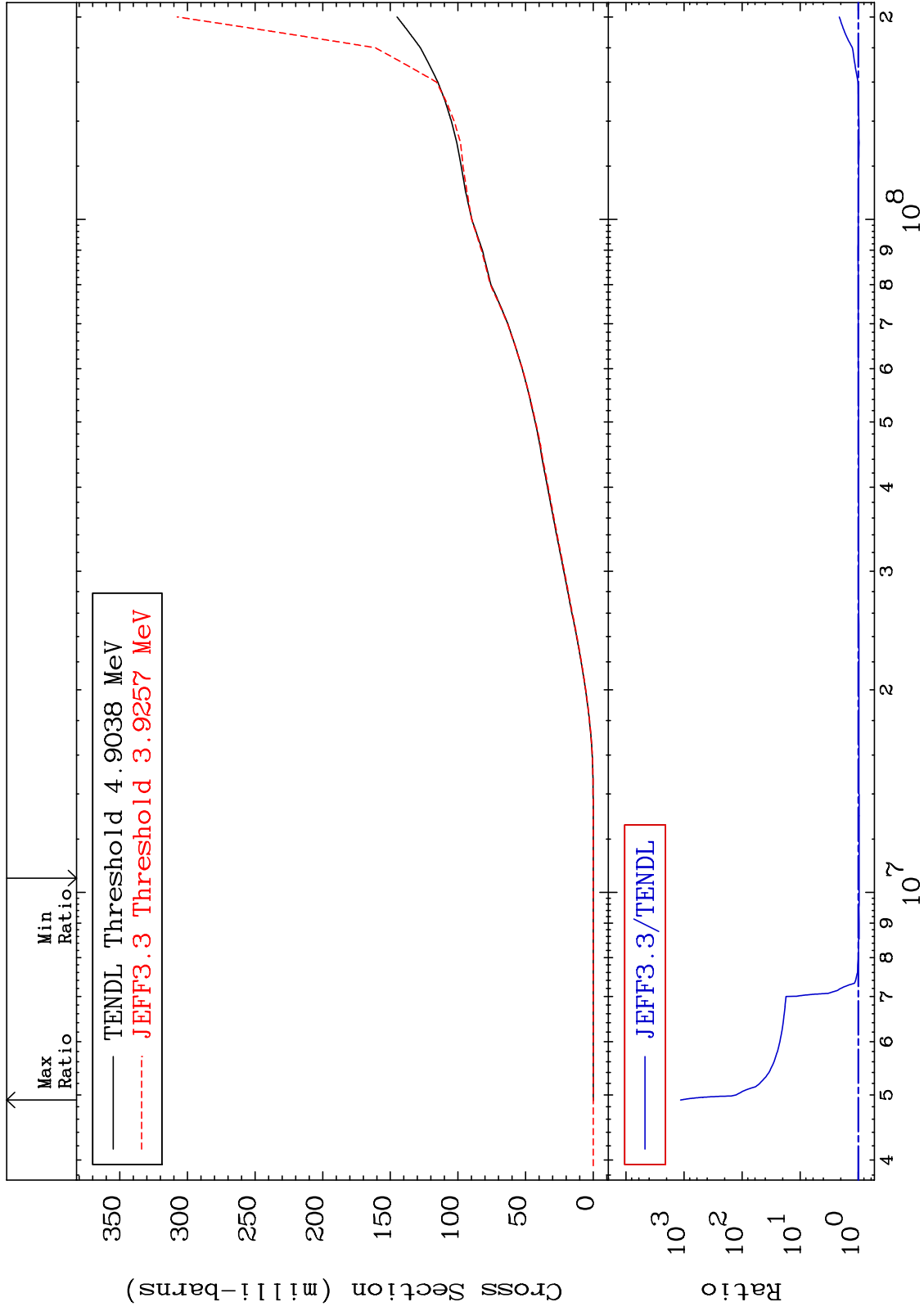
80-Hg-198
-98.76 To 744.4 %



MAT 8031

Deuterium Production
Cross Section

80-Hg-198
-3.364 To 9999. %



62

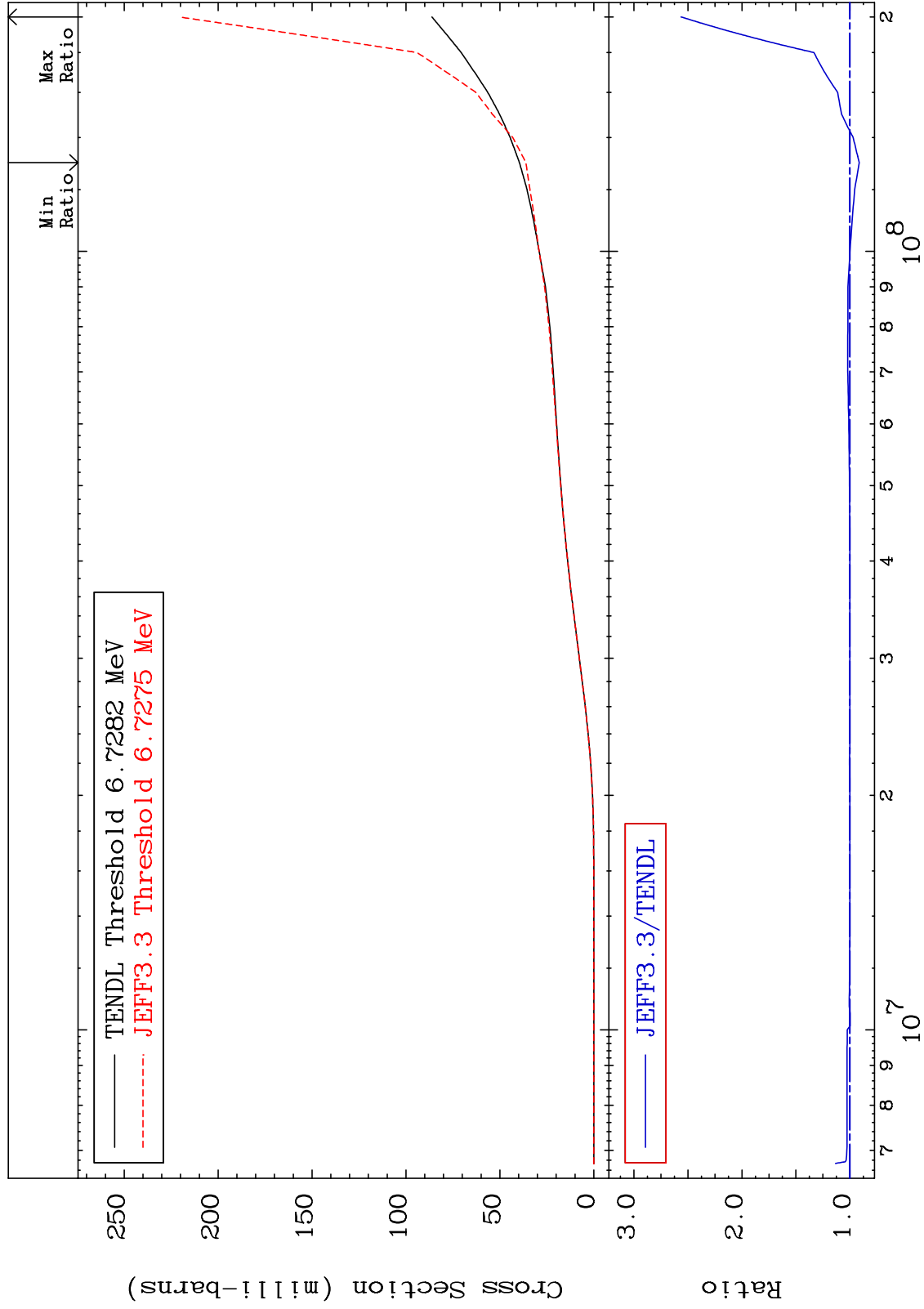
Incident Energy (eV)

80-Hg-198

MAT 8031

Tritium Production
Cross Section

80-Hg-198
-8.693 To 156.4 %



63

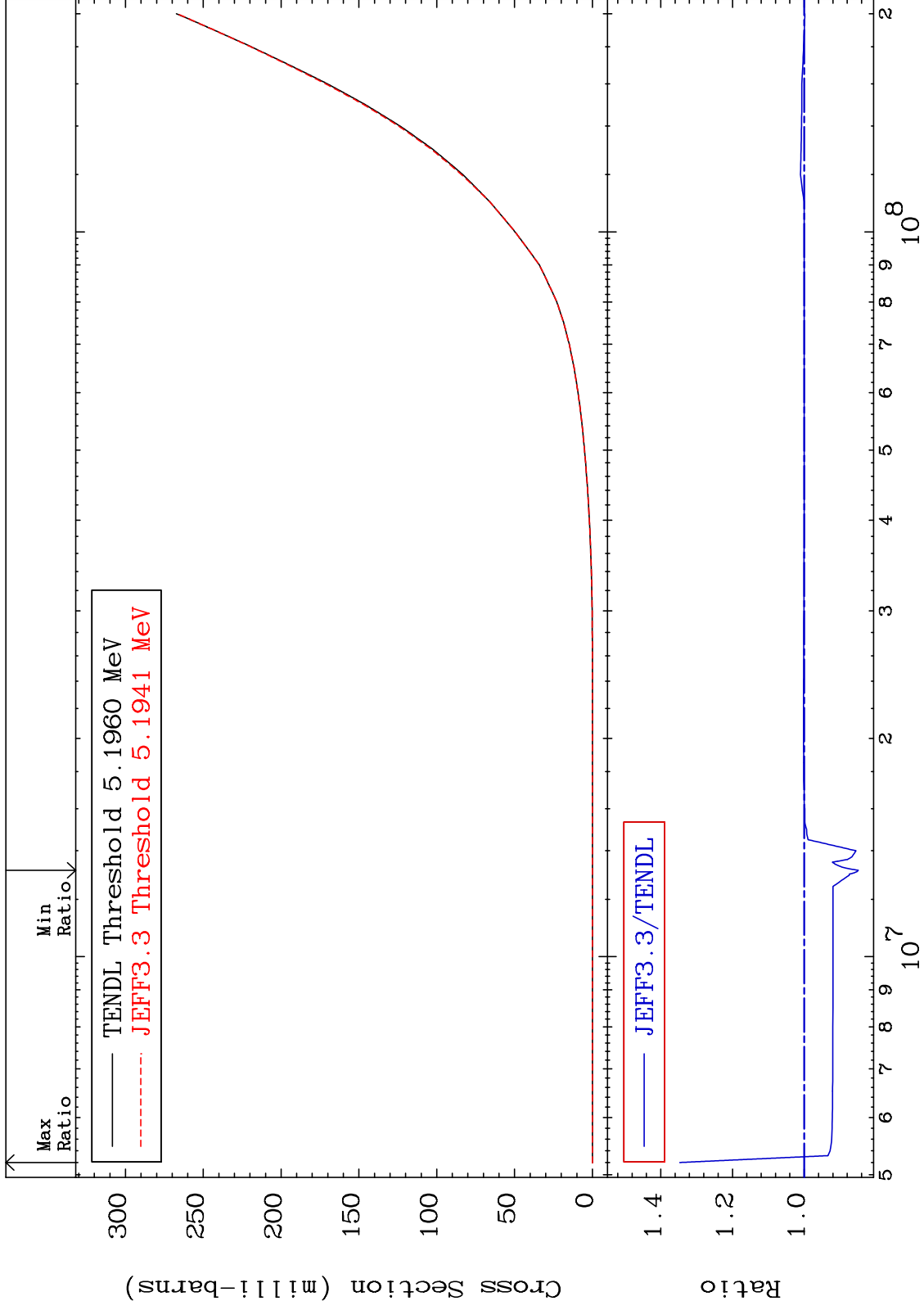
Incident Energy (eV)

80-Hg-198

MAT 8031

He-3 Production
Cross Section

80-Hg-198
-15.10 To 34.68 %



64

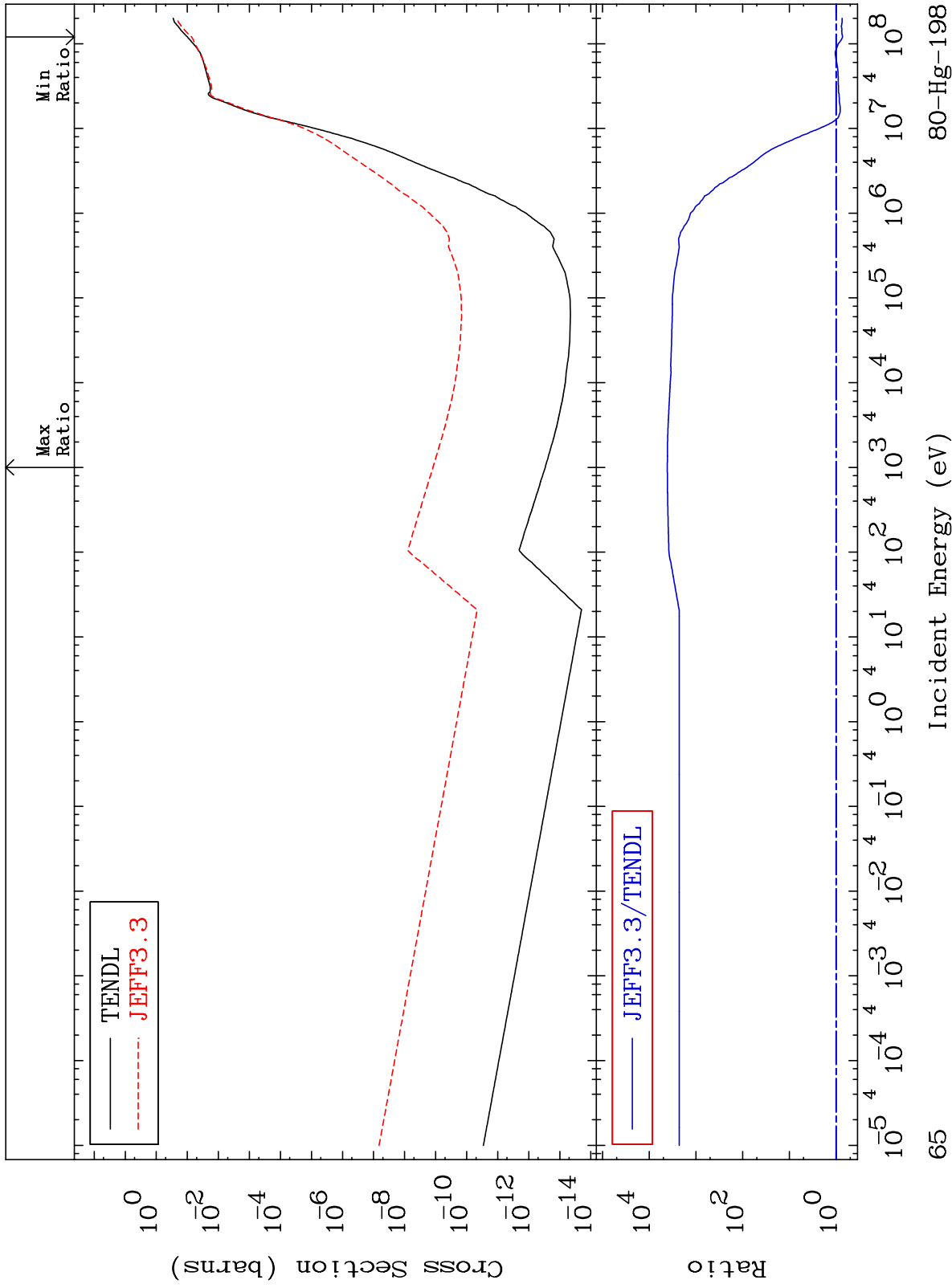
Incident Energy (eV)

80-Hg-198

MAT 8031

He-4 Production
Cross Section

80-Hg-198
-27.16 To 9999. %



65

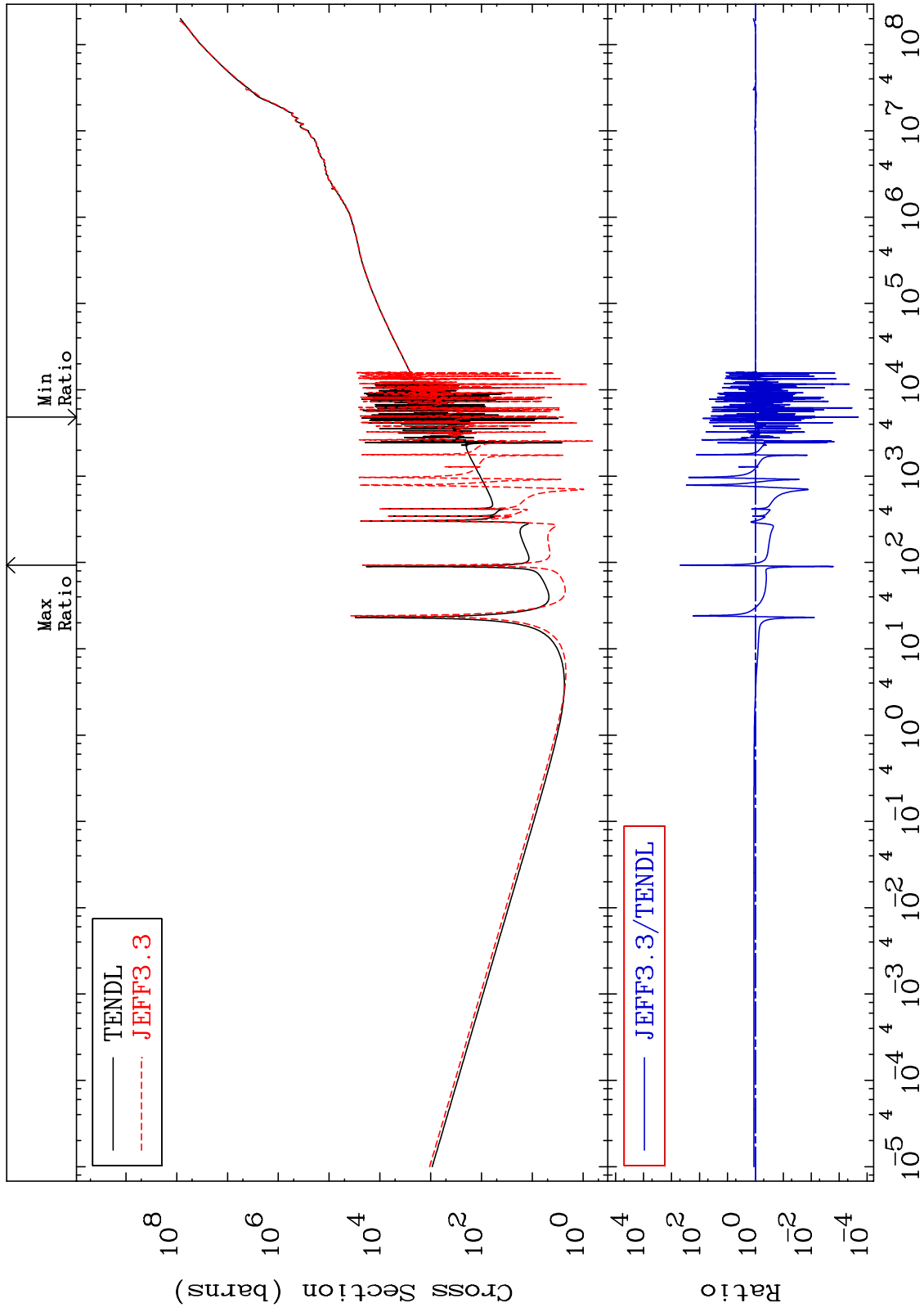
Incident Energy (eV)

80-Hg-198

MAT 8031

Kerma total (eV-barns)
Cross Section

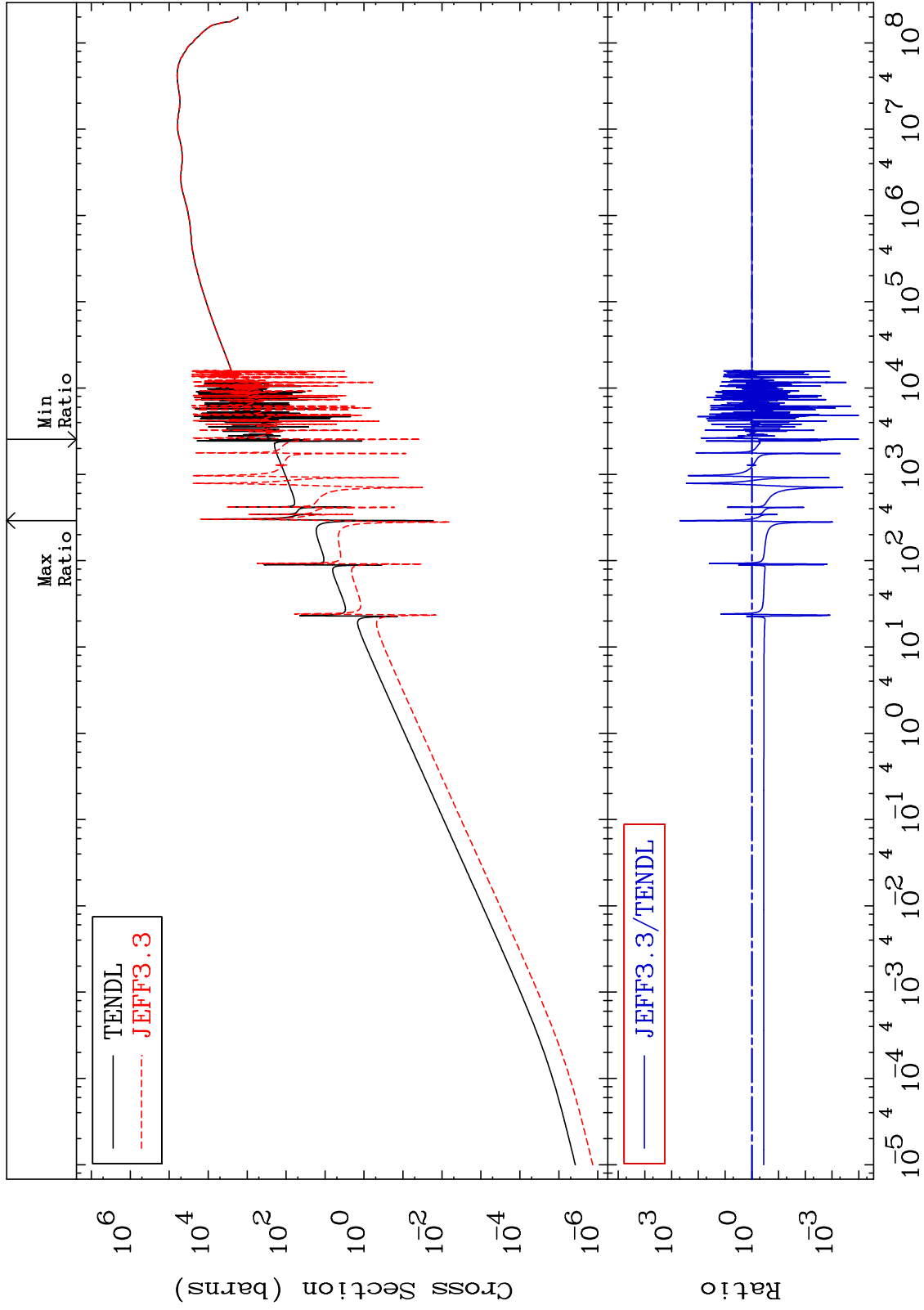
80-Hg-198
-99.98 To 9999. %



MAT 8031

Kerma elastic
Cross Section

80-Hg-198
-99.99 To 9999. %



67

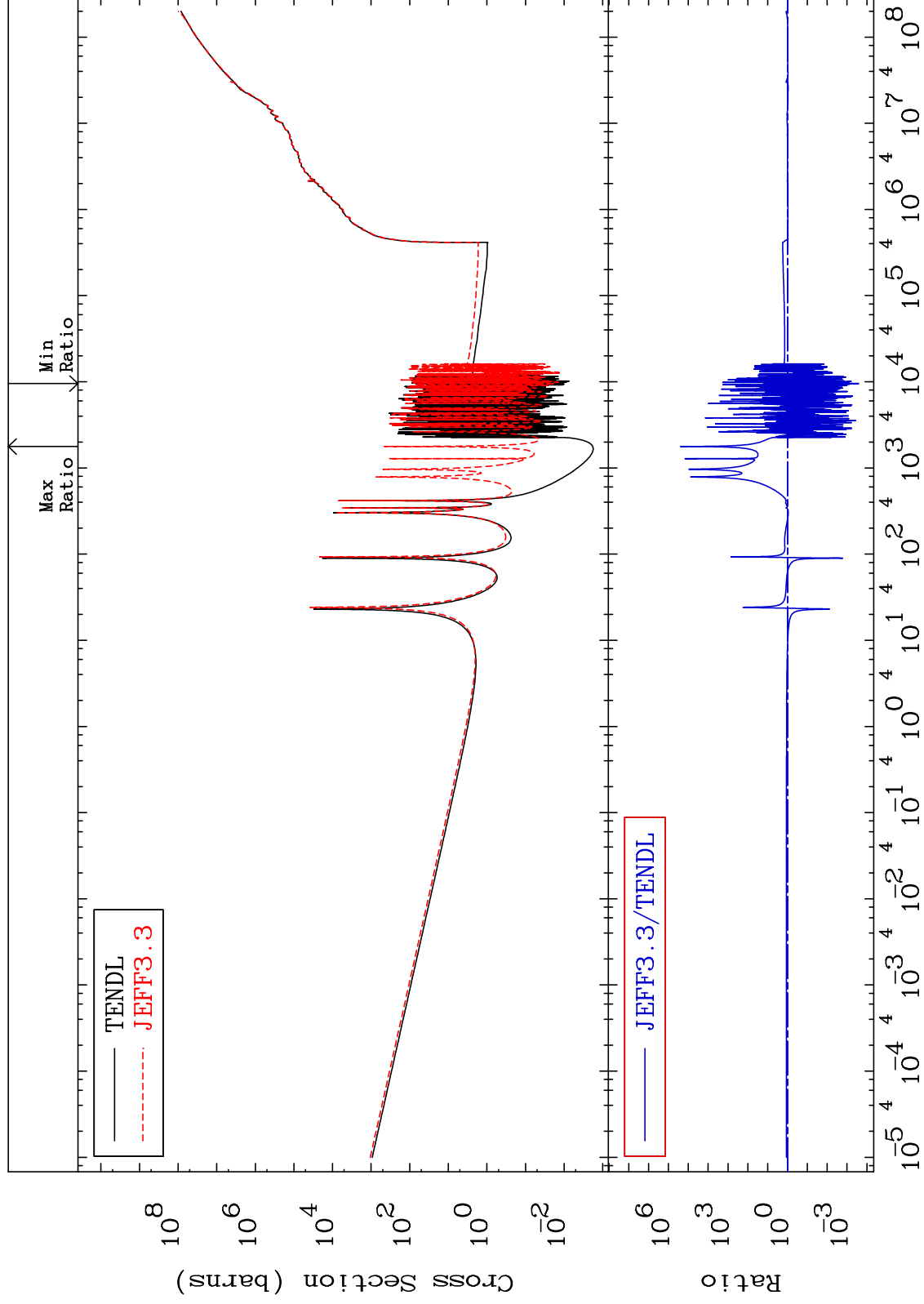
Incident Energy (eV)

80-Hg-198

MAT 8031

Kerma non-elastic (all but mt2)
Cross Section

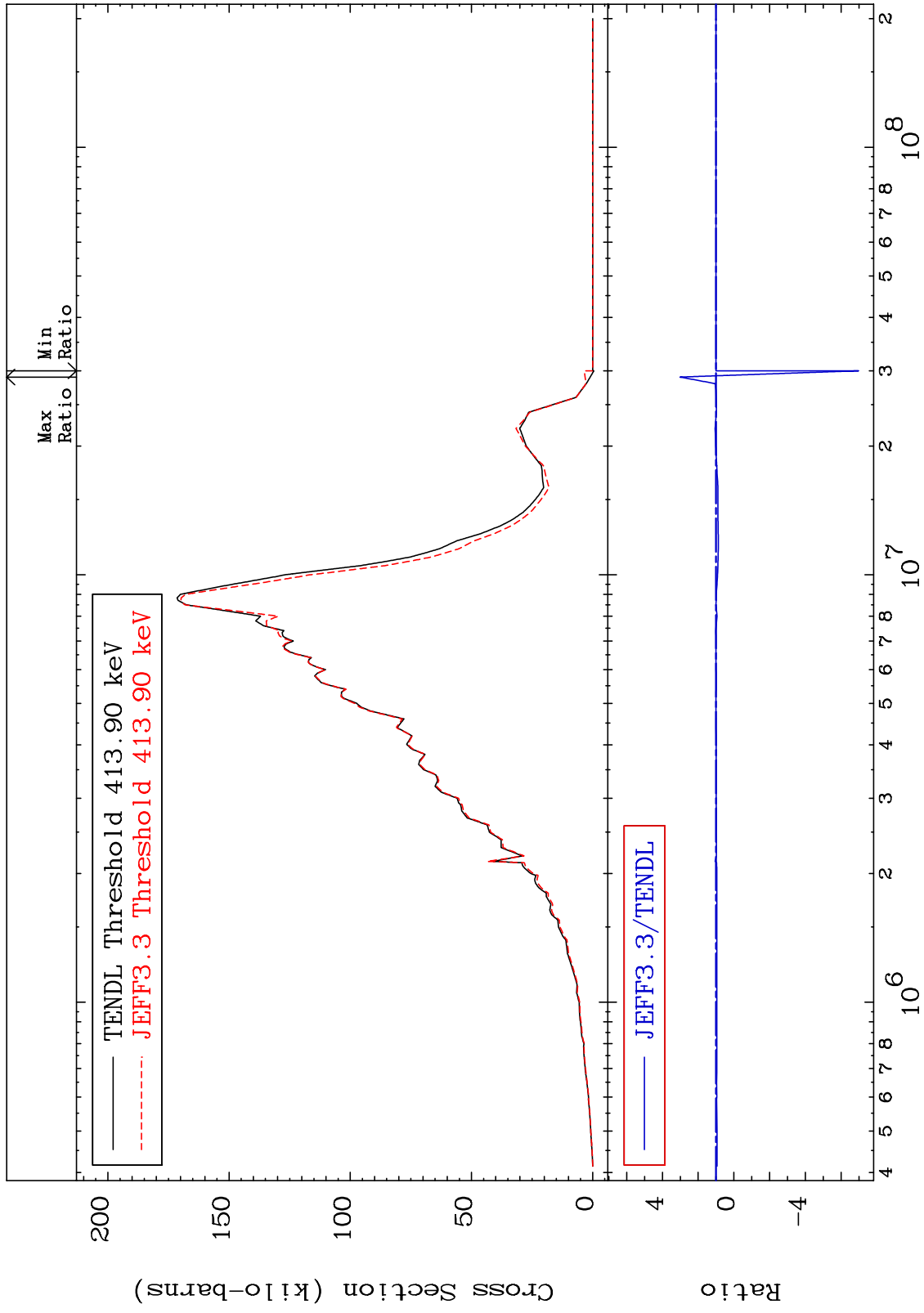
80-Hg-198
-99.97 To 9999. %



MAT 8031

Kerma inelastic (mt51-91)
Cross Section

80-Hg-198
-796.5 To 201.5 %



69

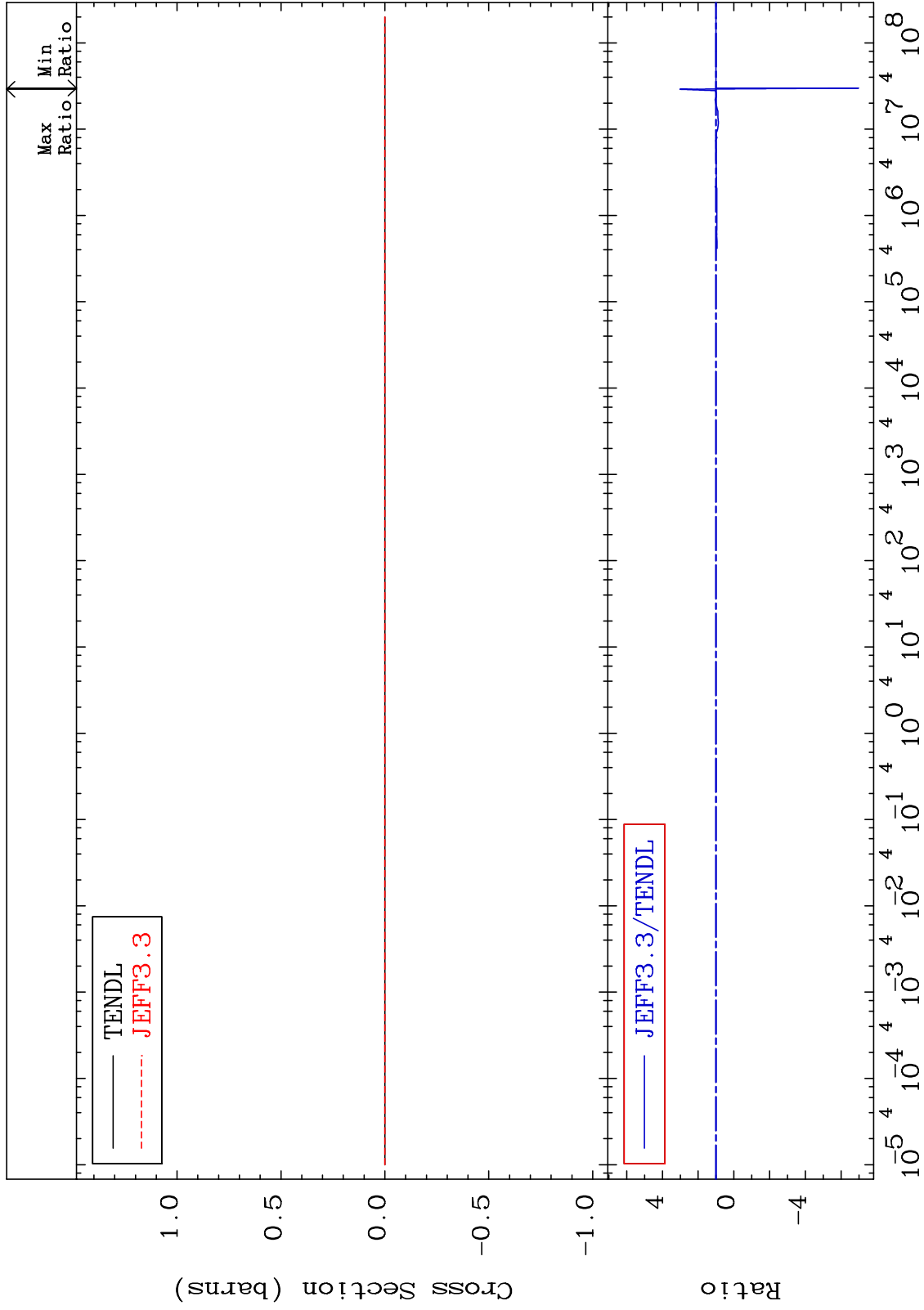
Incident Energy (eV)

80-Hg-198

MAT 8031

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

80-Hg-198
-796.5 To 201.5 %



70

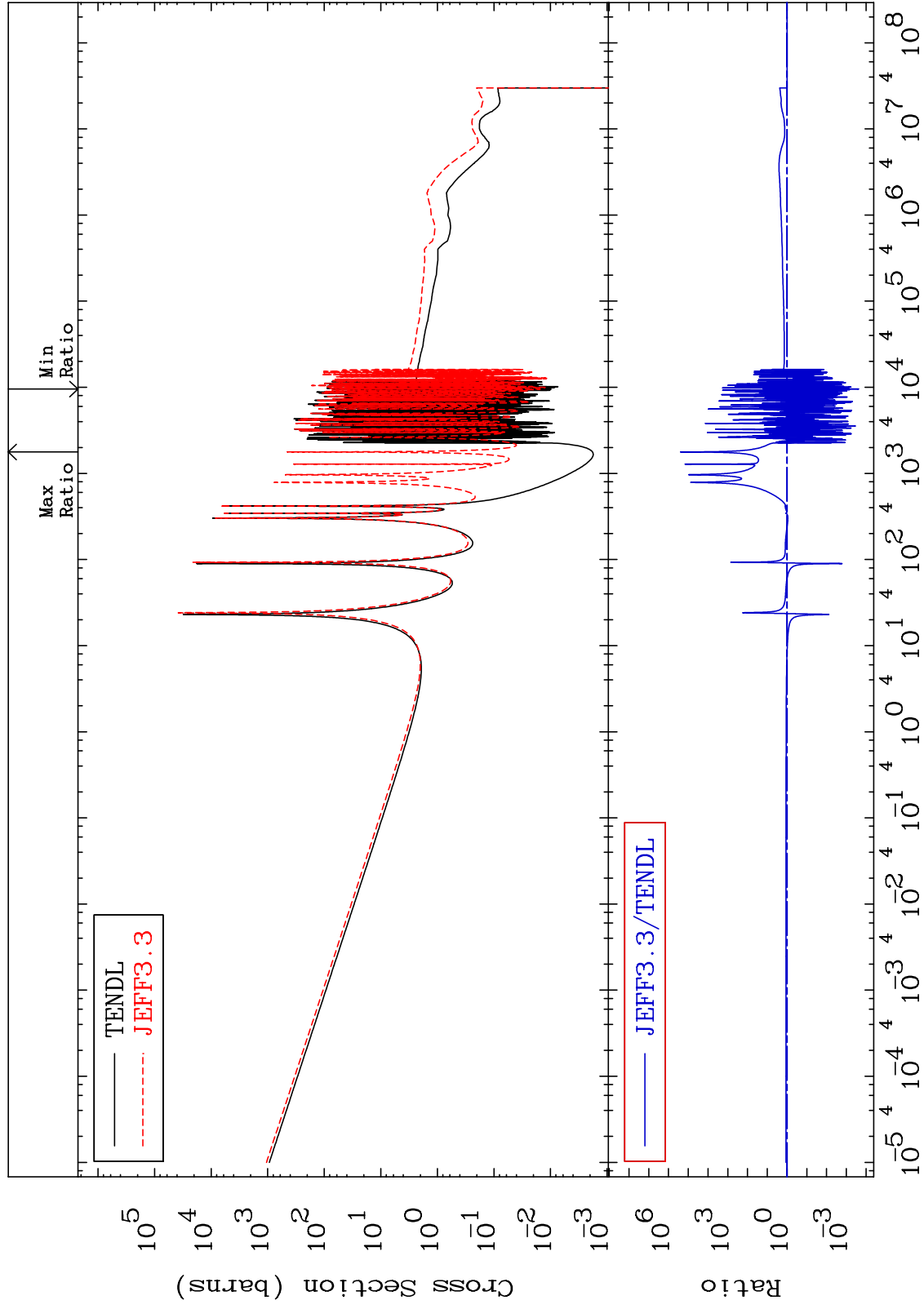
Incident Energy (eV)

80-Hg-198

MAT 8031

Kerma capture (mt102)
Cross Section

80-Hg-198
-99.98 To 9999. %



71

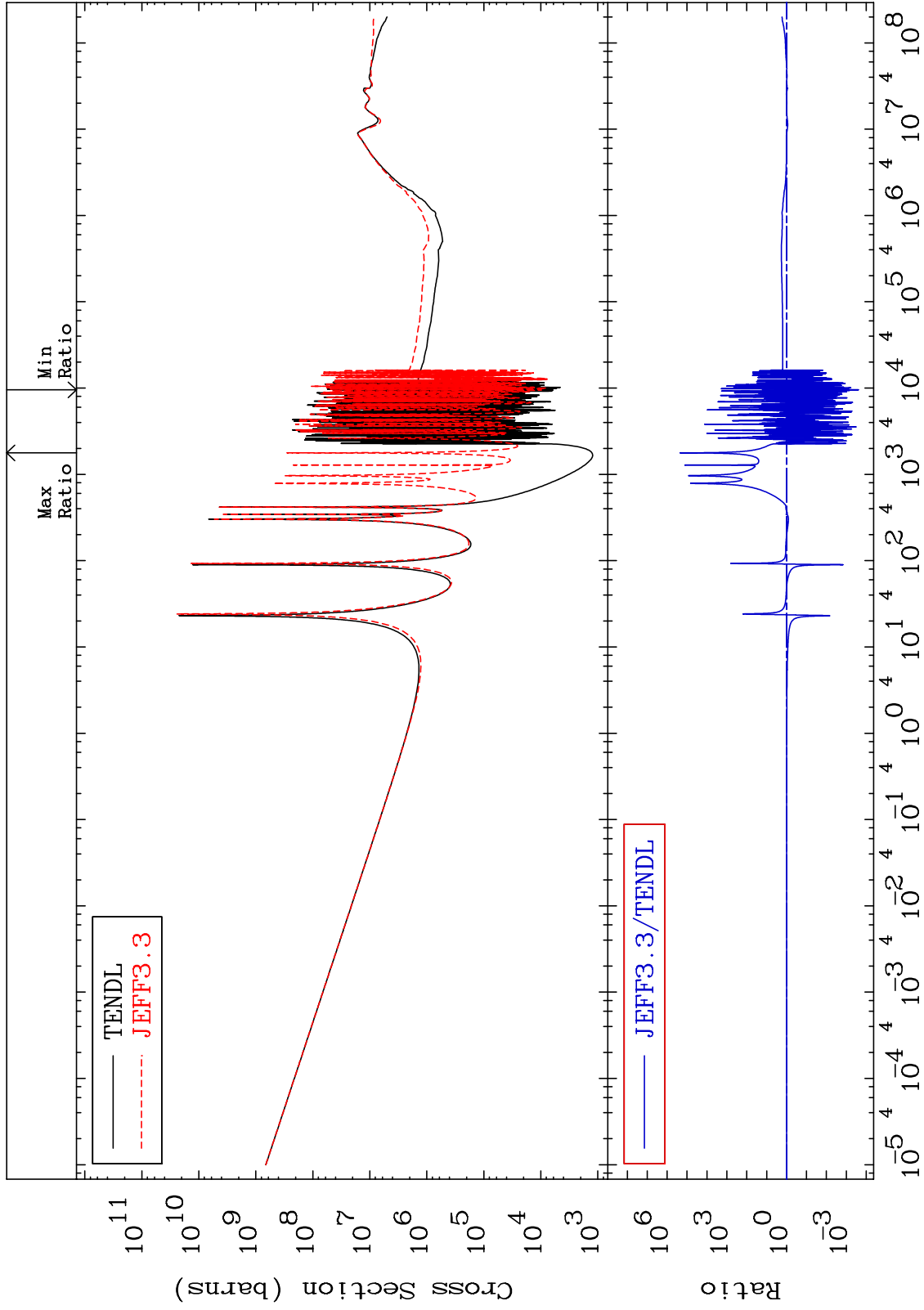
Incident Energy (eV)

80-Hg-198

MAT 8031

Total photon (eV-barns)
Cross Section

80-Hg-198
-99.98 To 9999. %



72

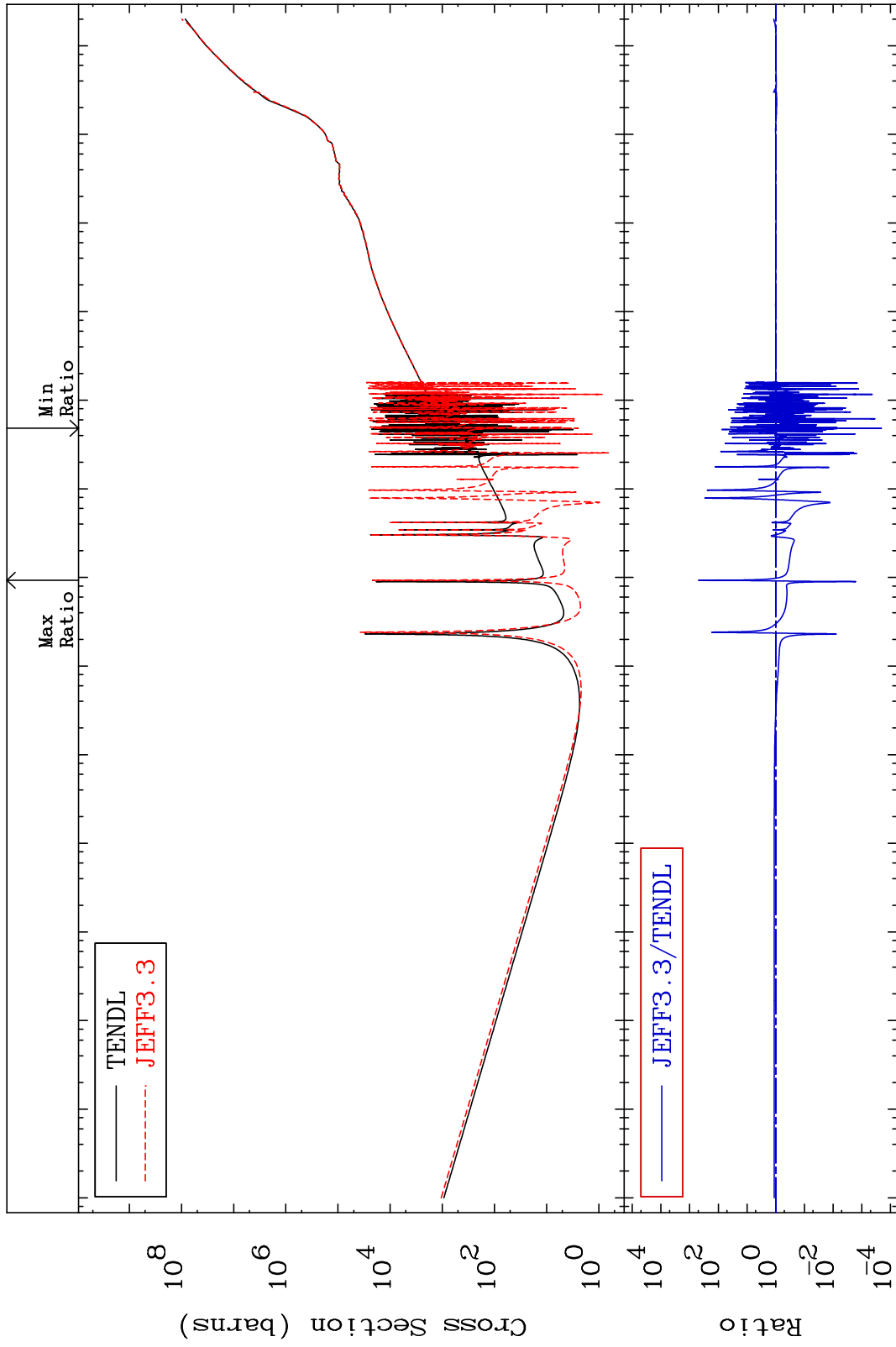
Incident Energy (eV)

80-Hg-198

MAT 8031

Total kinematic kerma (high limit)
Cross Section

80-Hg-198
-99.98 To 9999. %



73

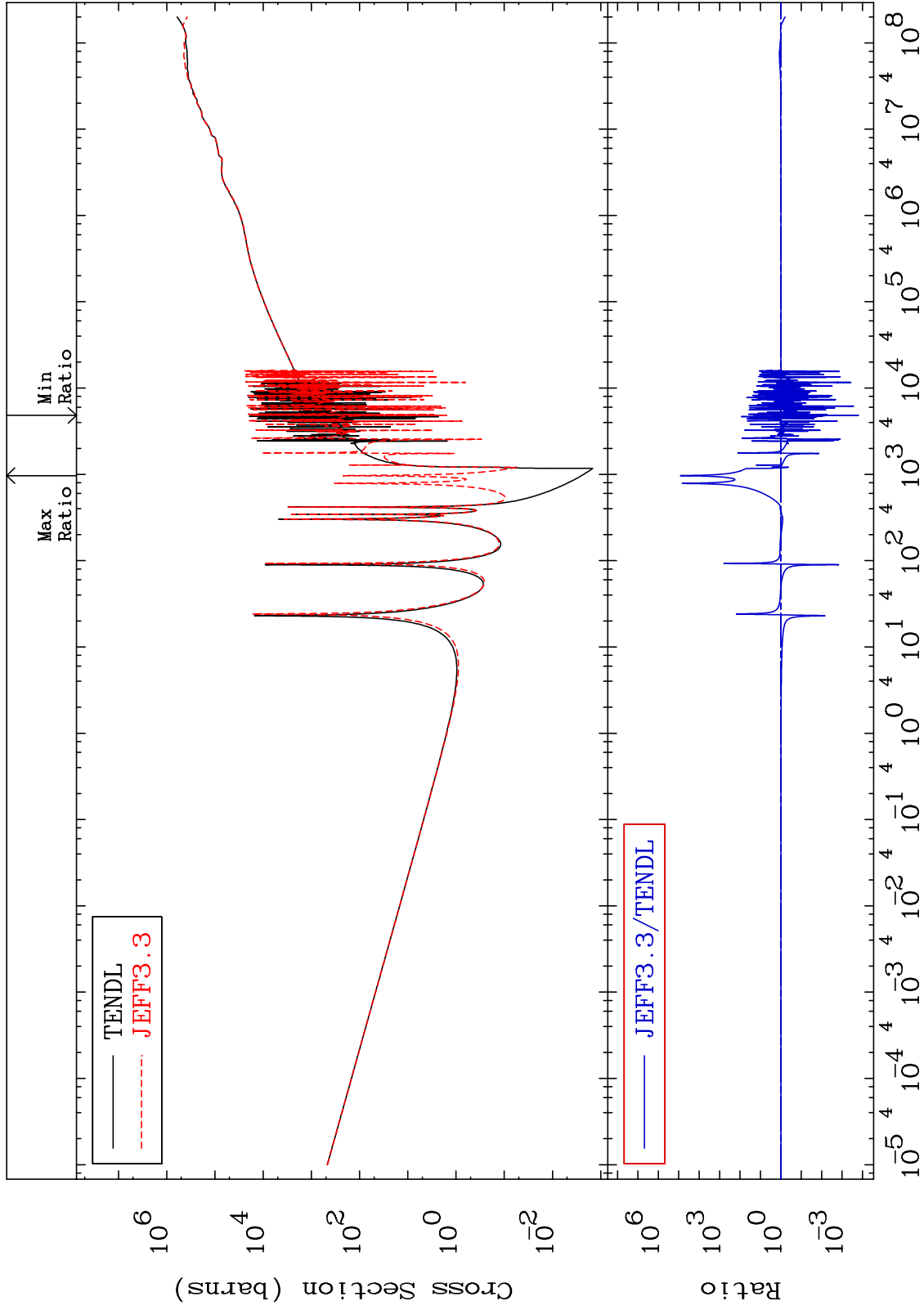
Incident Energy (eV)

80-Hg-198

MAT 8031

Dpa total (eV-barns)
Cross Section

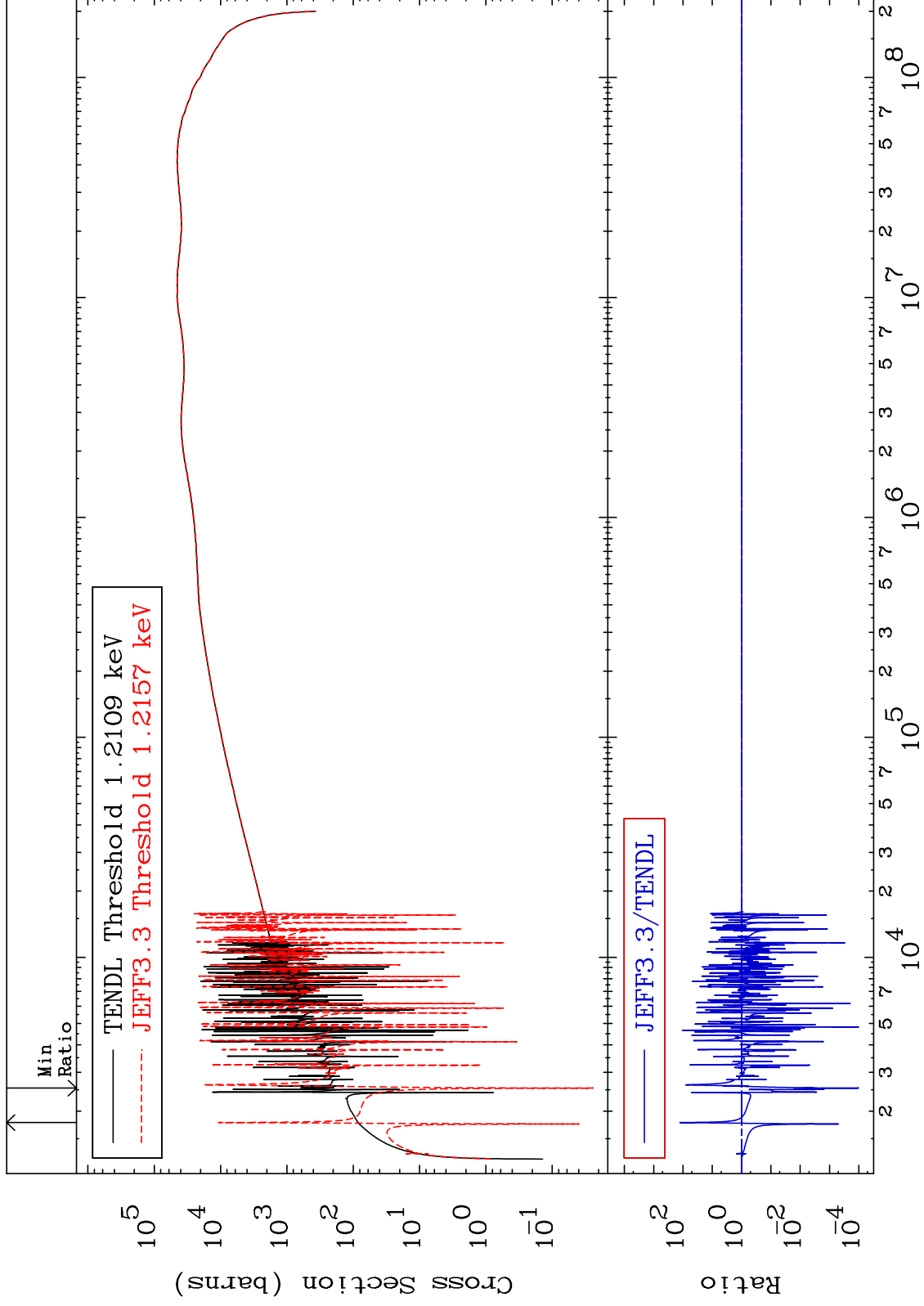
80-Hg-198
-99.98 To 9999. %



MAT 8031

Dpa elastic (mt2)
Cross Section

80-Hg-198
-99.99 To 9999. %



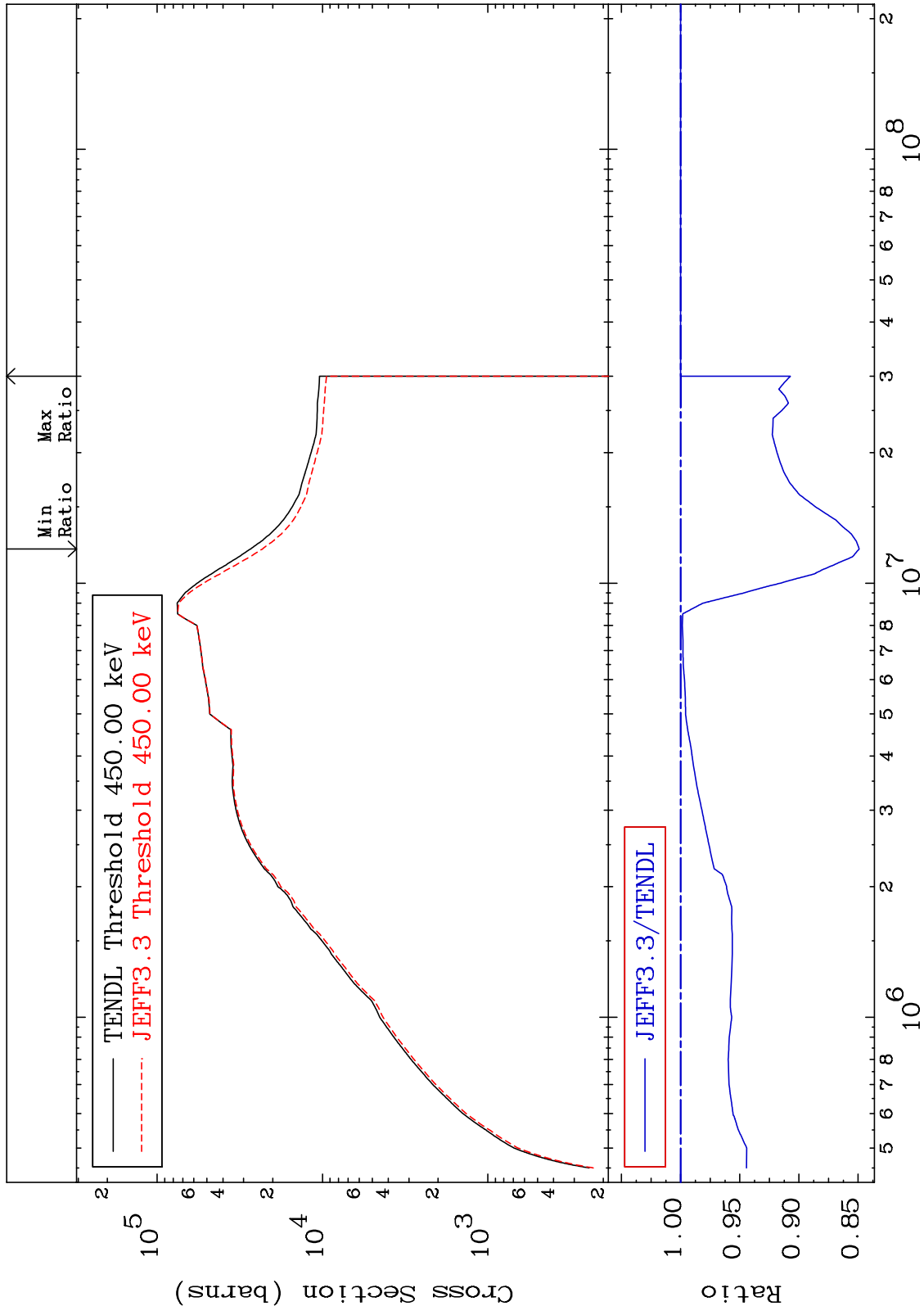
MAT 8031

Dpa inelastic (mt51-91)

80-Hg-198

-15.09 To 0.000 %

Cross Section



76

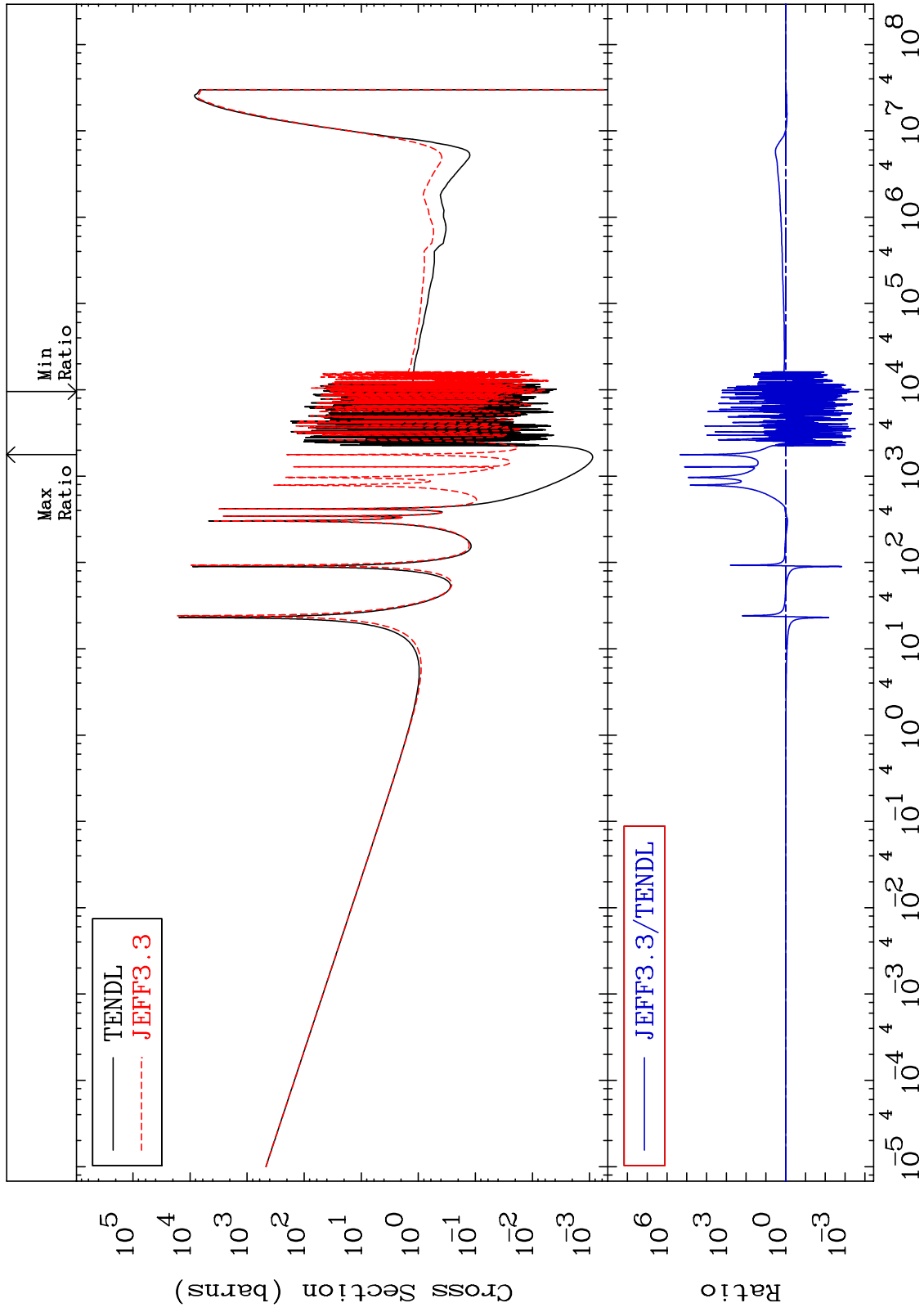
Incident Energy (eV)

80-Hg-198

MAT 8031

Dpa disappearance (mt102 -120)
Cross Section

80-Hg-198
-99.98 To 9999. %



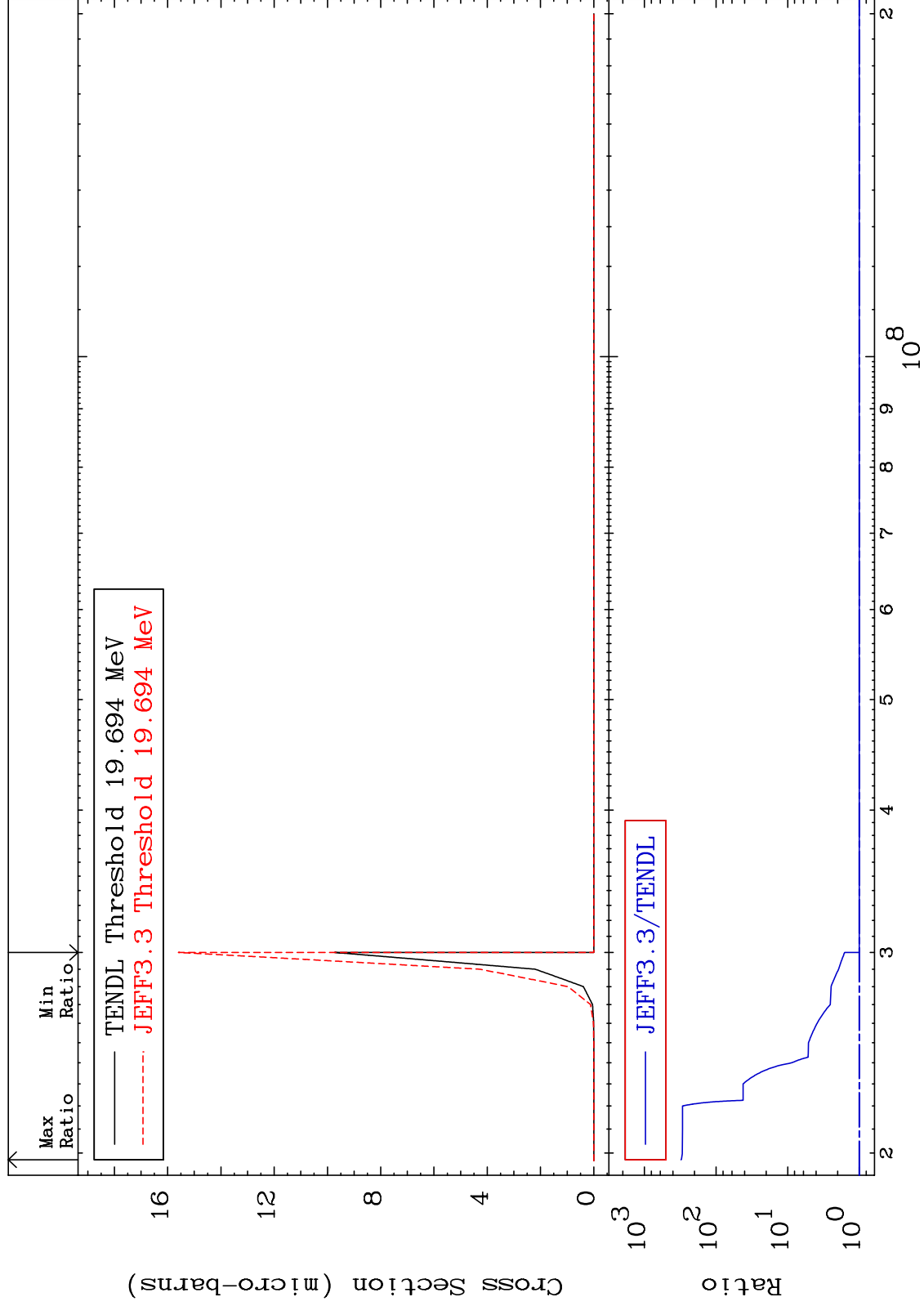
77

Incident Energy (eV)

80-Hg-198

MAT 8031

(n,2n) d:79-Au-195g 80-Hg-198
Radionuclide Production Cross Section 0.000 To 9999. %



78

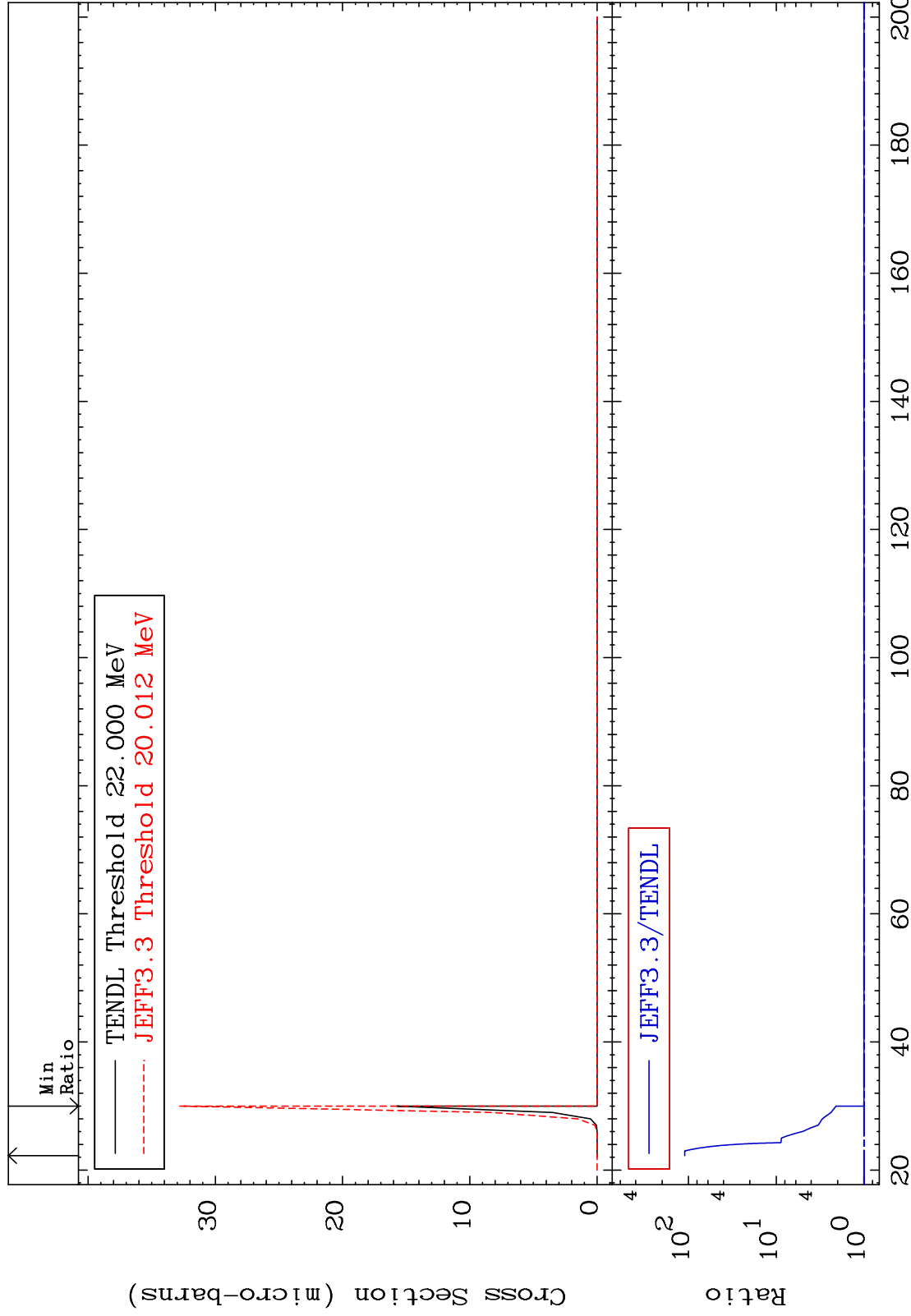
80-Hg-198

MAT 8031

(n,2n) d:79-Au-195m4

80-Hg-198

Radionuclide Production Cross Section 0.000 To 9999. %



79

Incident Energy (MeV)

80-Hg-198

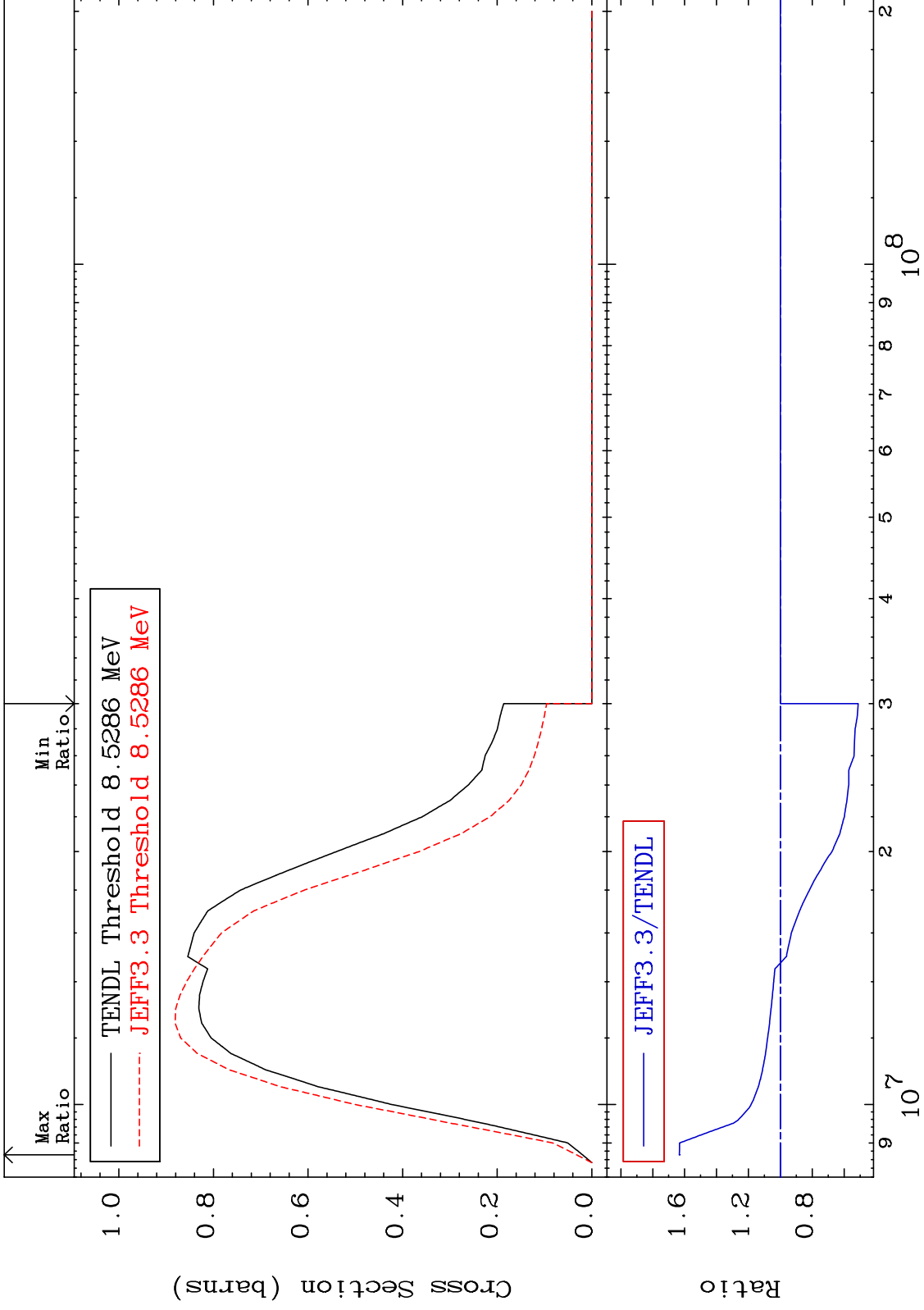
MAT 8031

(n,2n):80-Hg-197g

80-Hg-198

Radionuclide Production Cross Section

-48.76 To 63.31 %



80

Incident Energy (eV)

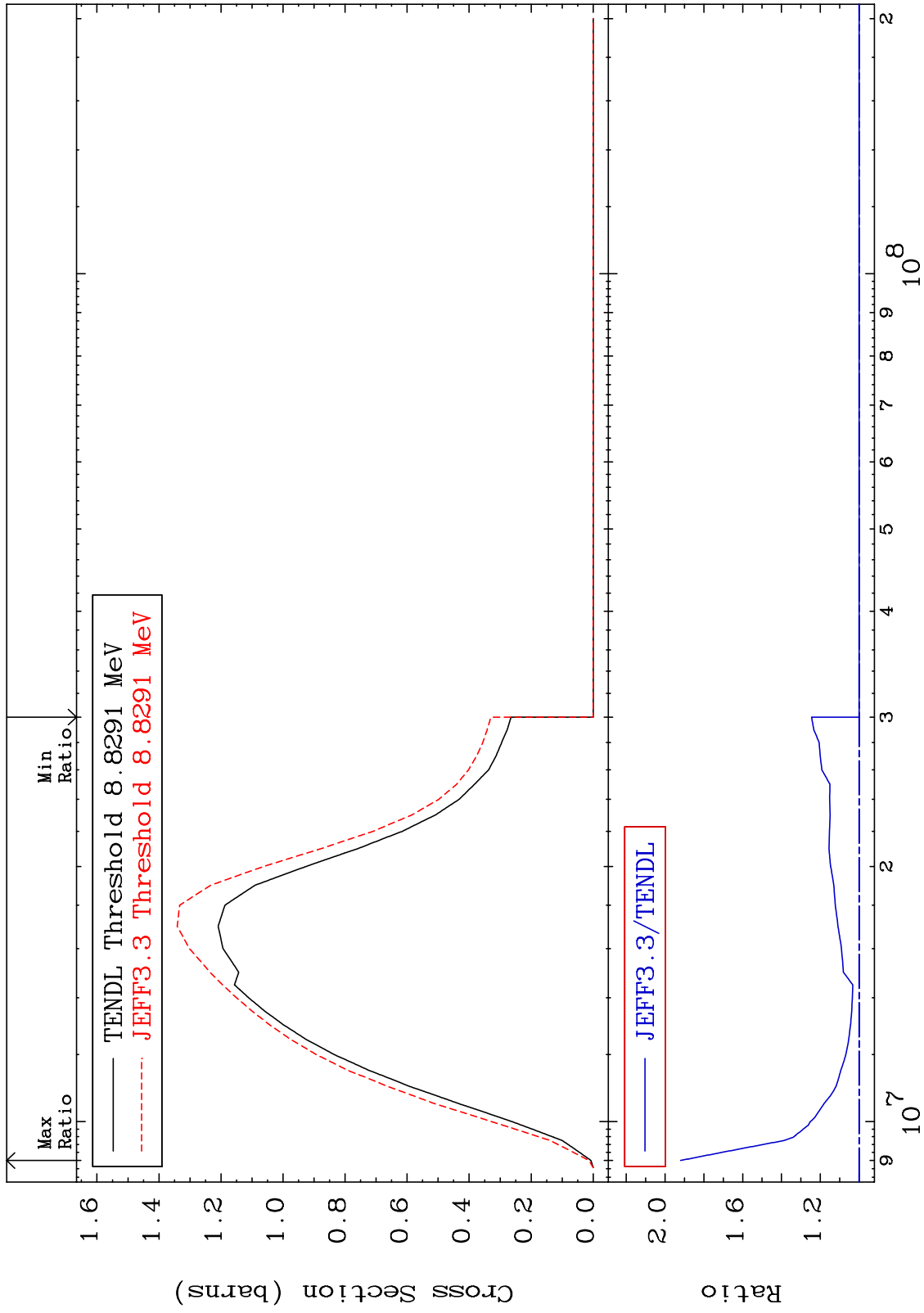
80-Hg-198

MAT 8031

(n,2n):80-Hg-197m4

80-Hg-198

Radionuclide Production Cross Section 0.000 To 91.96 %



81

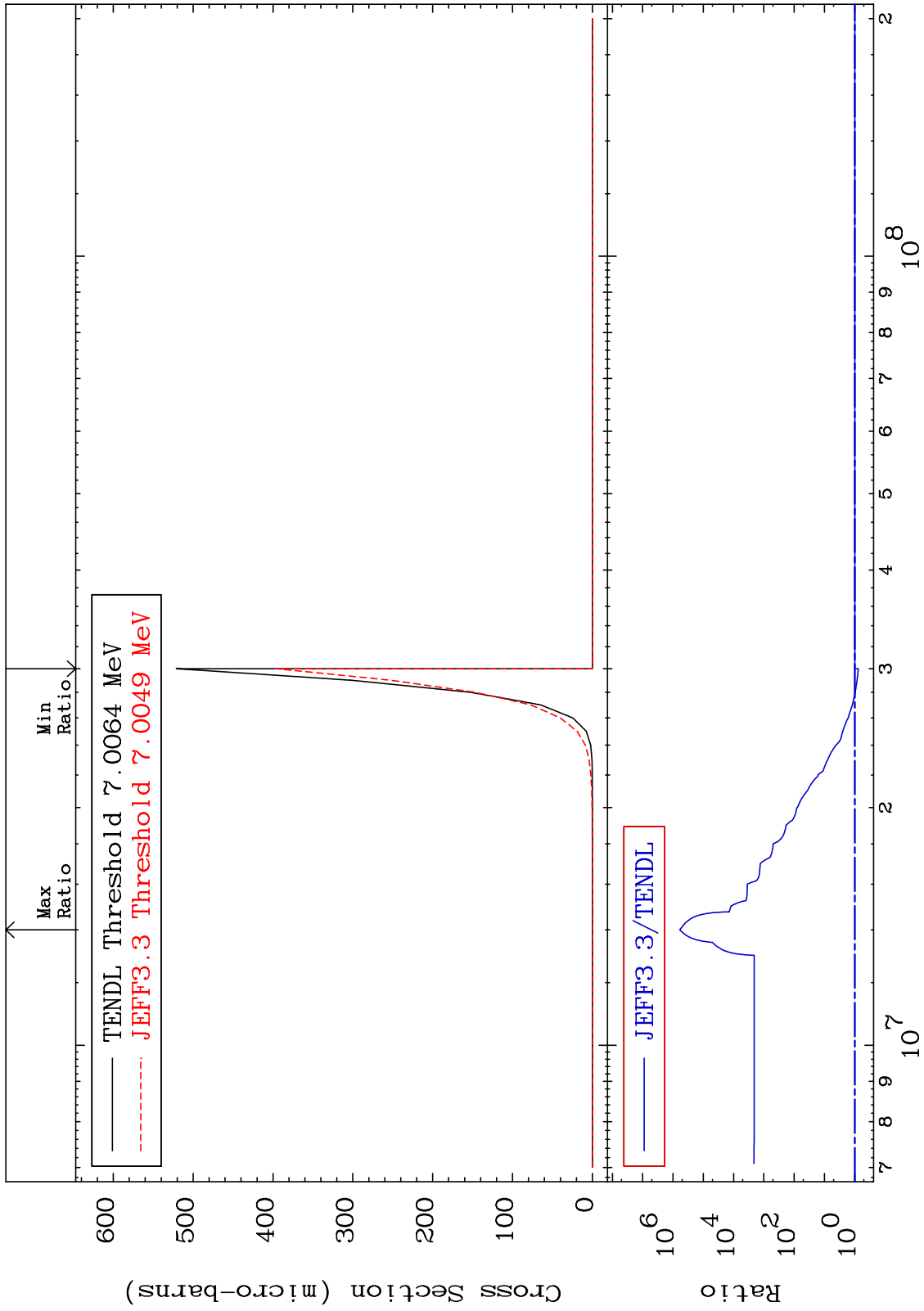
Incident Energy (eV)

80-Hg-198

MAT 8031

80-Hg-198

(n,2n) α :78-Pt-193g
Radionuclide Production Cross Section -23.98 To 9999. %

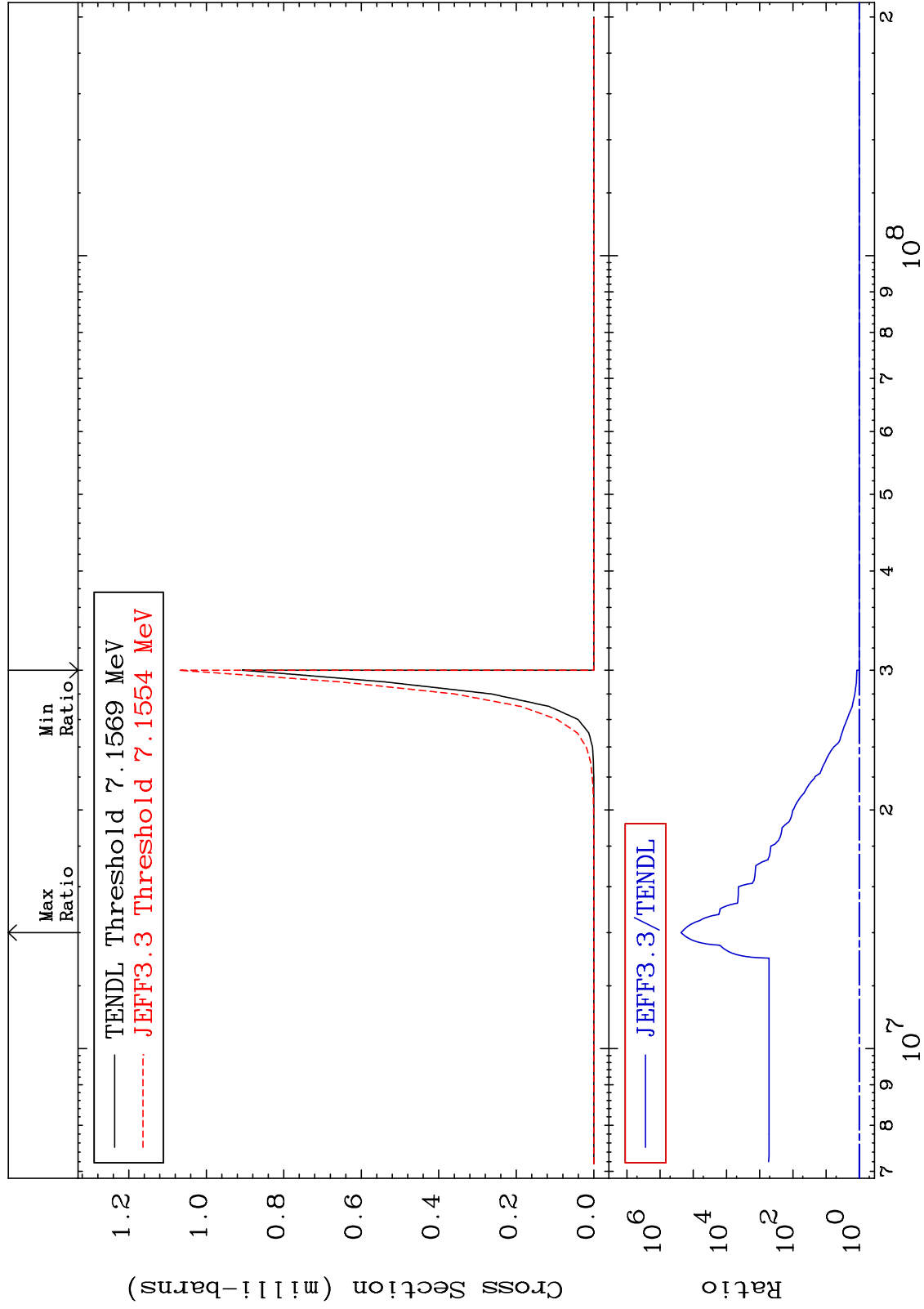


MAT 8031

(n,2n) α :78-Pt-193m5

80-Hg-198

Radionuclide Production Cross Section 0.000 To 9999. %



83

Incident Energy (eV)

80-Hg-198

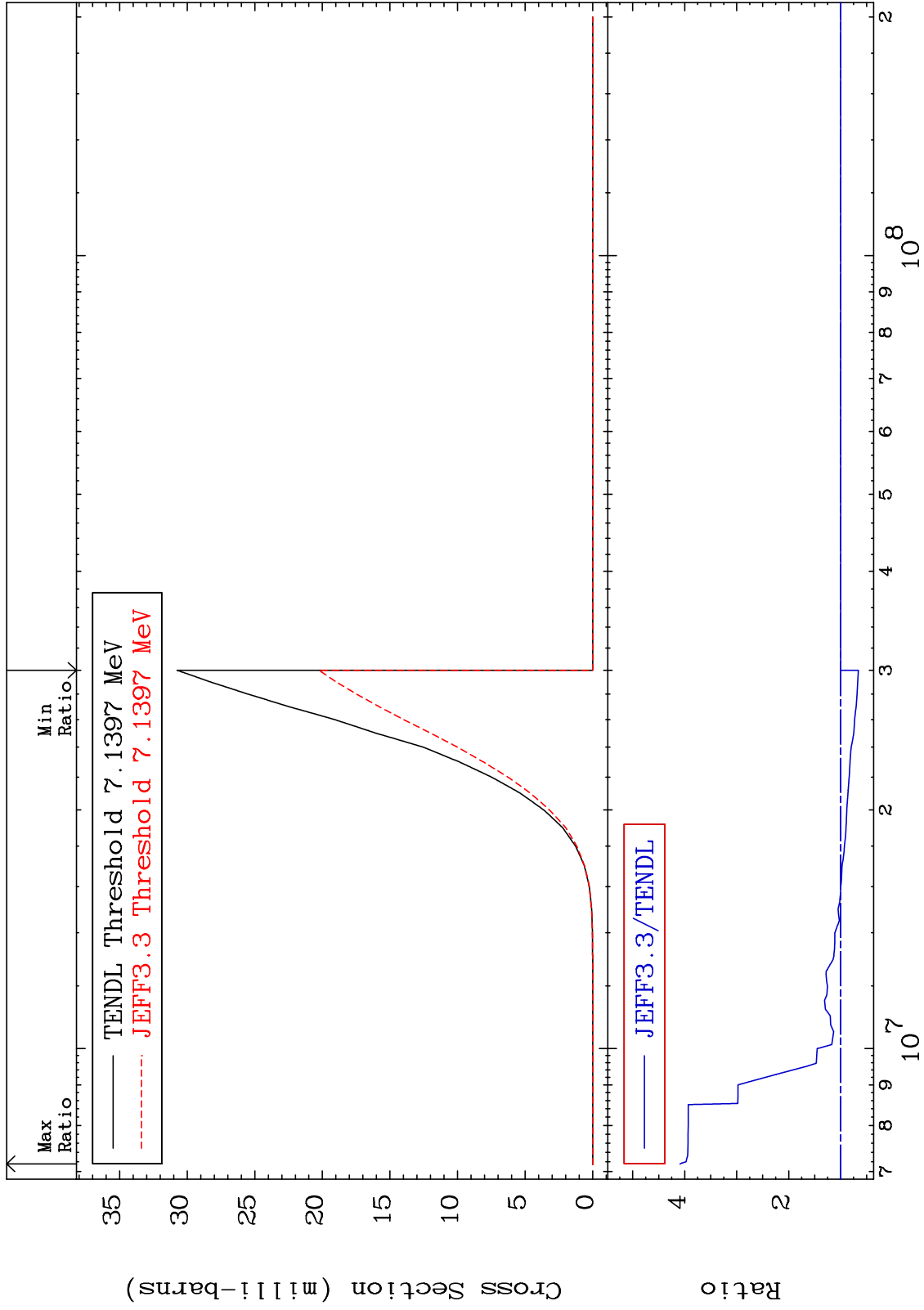
MAT 8031

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

80-Hg-198

Radionuclide Production Cross Section

-34.14 To 309.0 %



84

Incident Energy (eV)

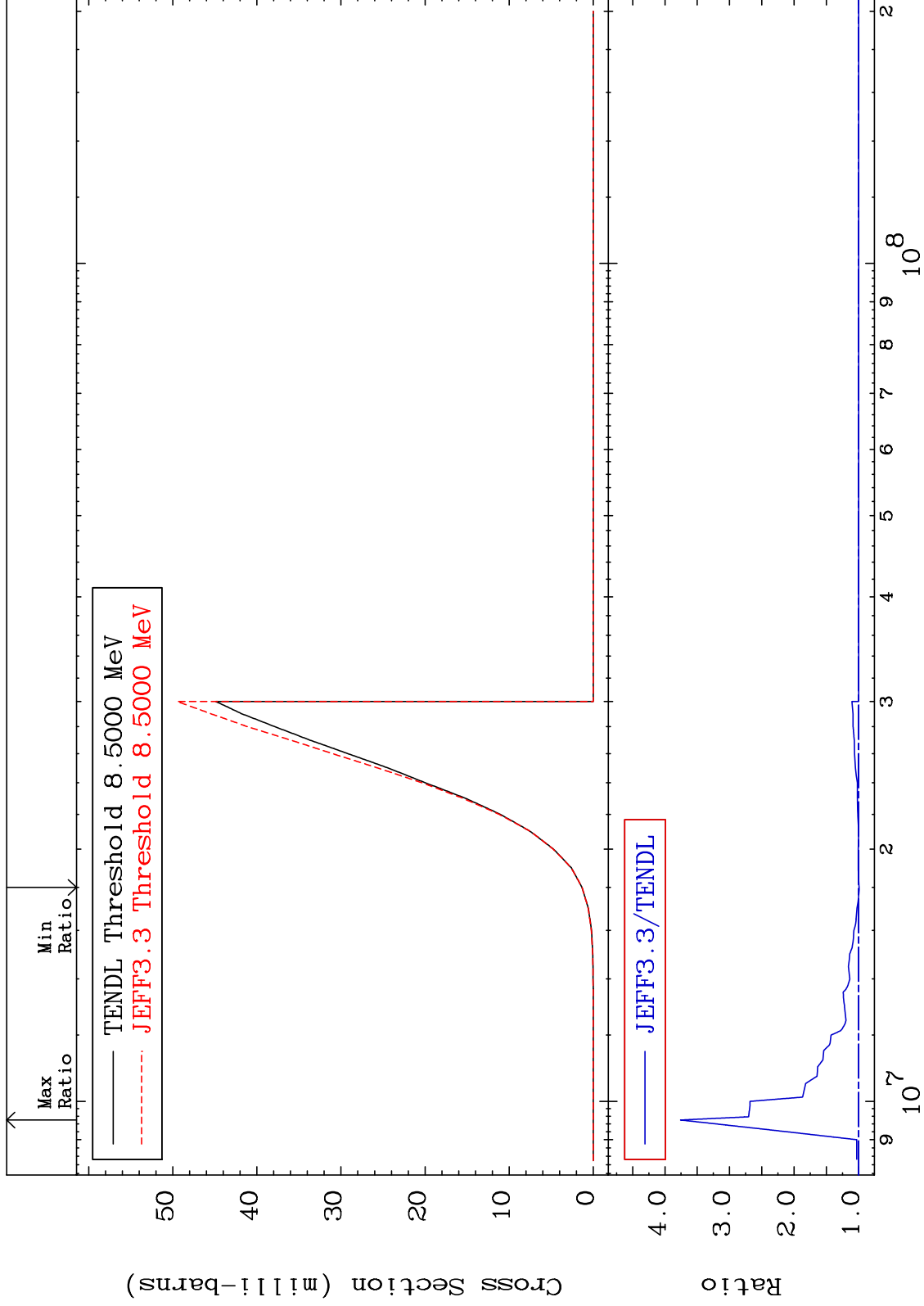
80-Hg-198

MAT 8031

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

80-Hg-198

Radionuclide Production Cross Section -0.835 To 275.7 %



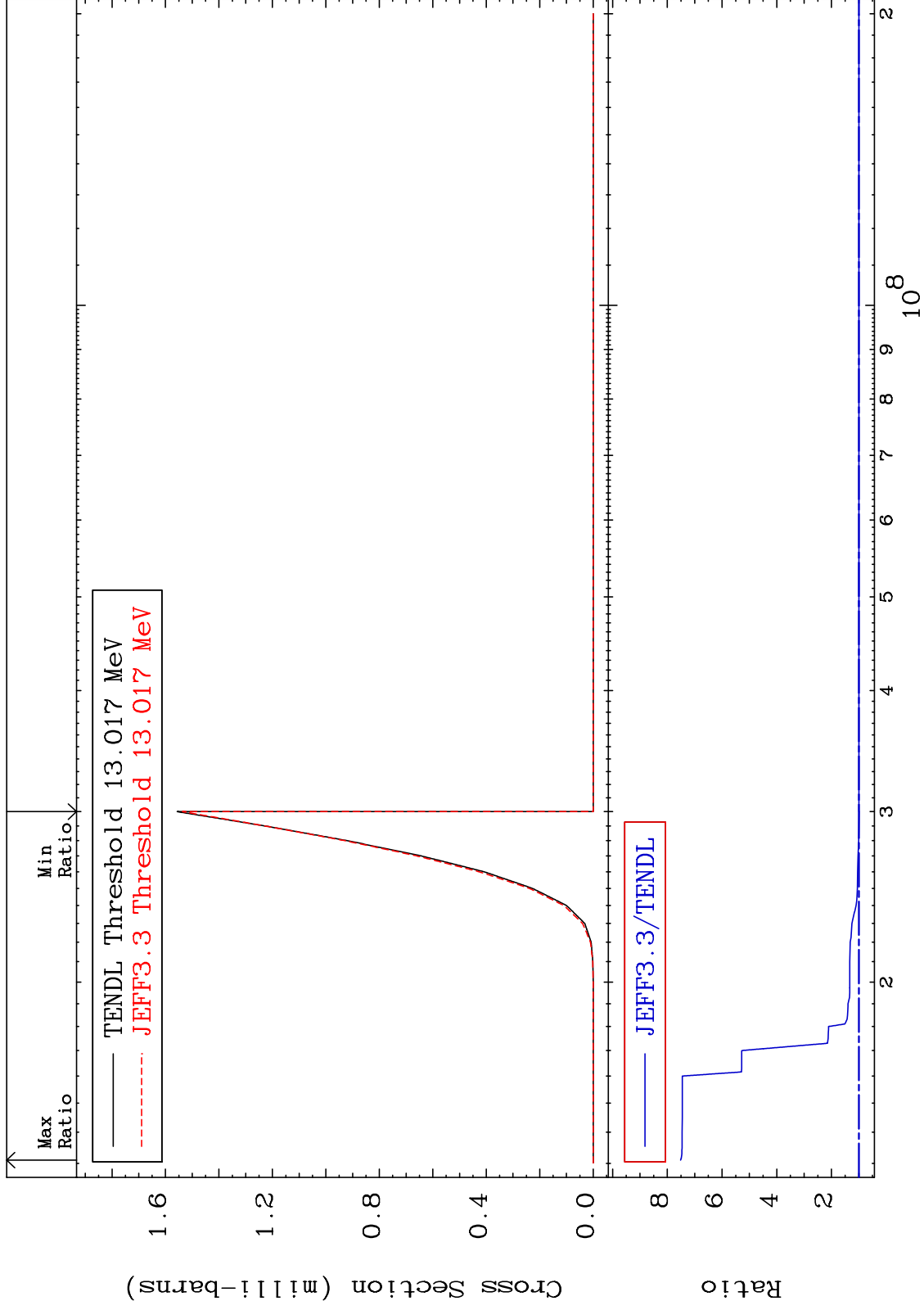
85

Incident Energy (eV)

80-Hg-198

MAT 8031

(n, n') d:79-Au-196g 80-Hg-198
Radionuclide Production Cross Section -1.254 To 651.3 %

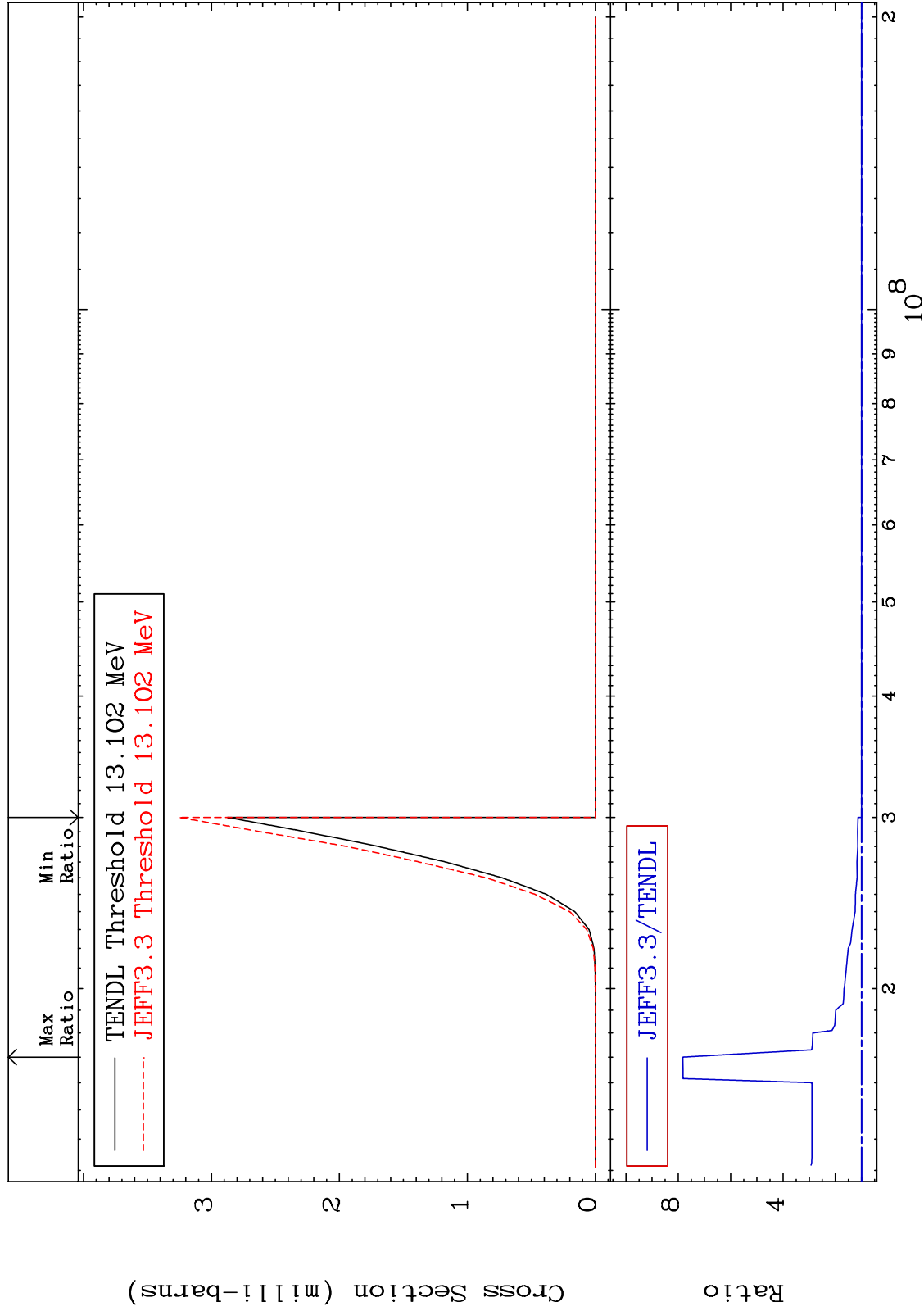


MAT 8031

(n, n') d:79-Au-196m3

80-Hg-198

Radionuclide Production Cross Section 0.000 To 682.5 %

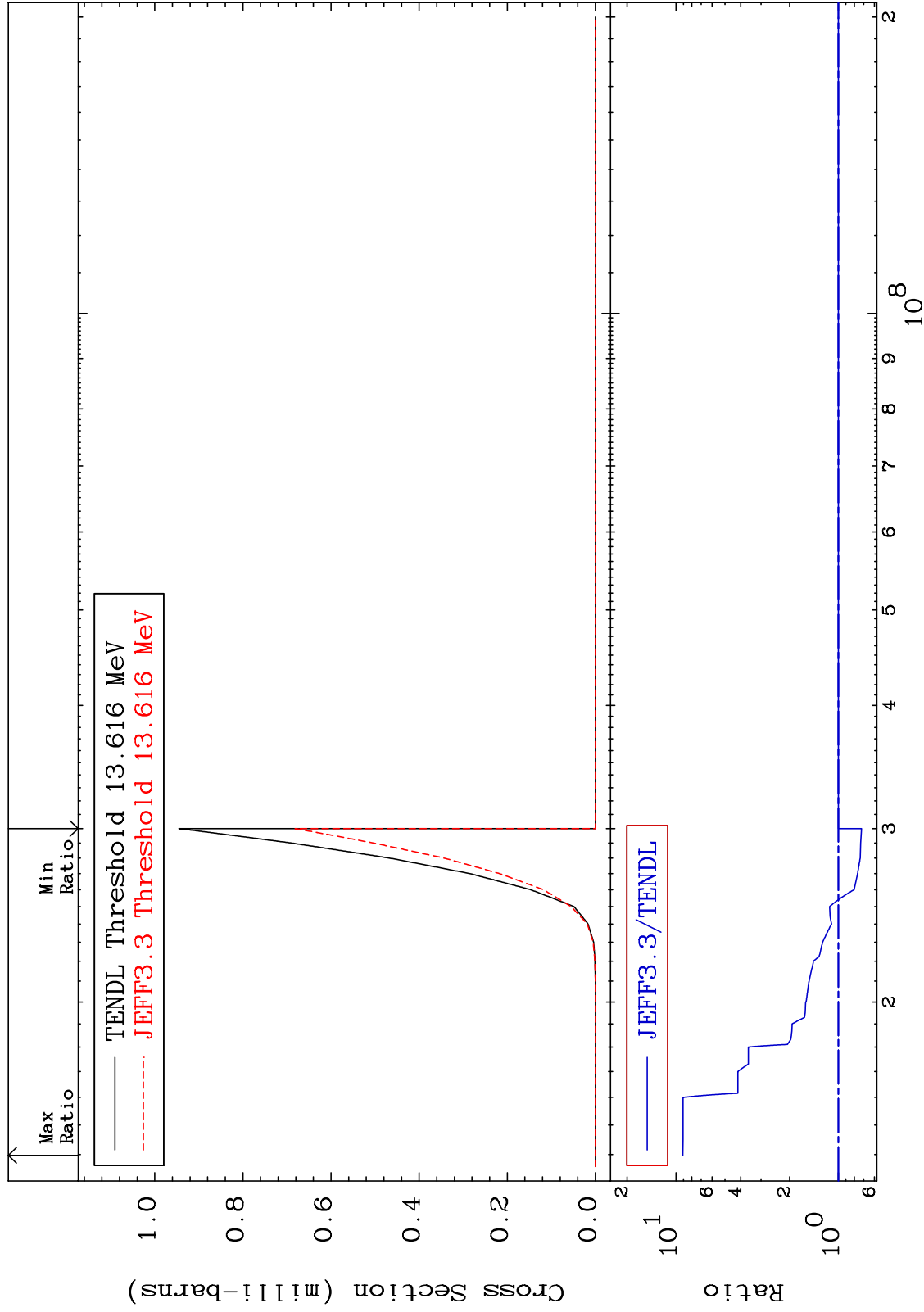


MAT 8031

(n, n') d:79-Au-196m5

80-Hg-198

Radionuclide Production Cross Section -27.93 To 807.3 %

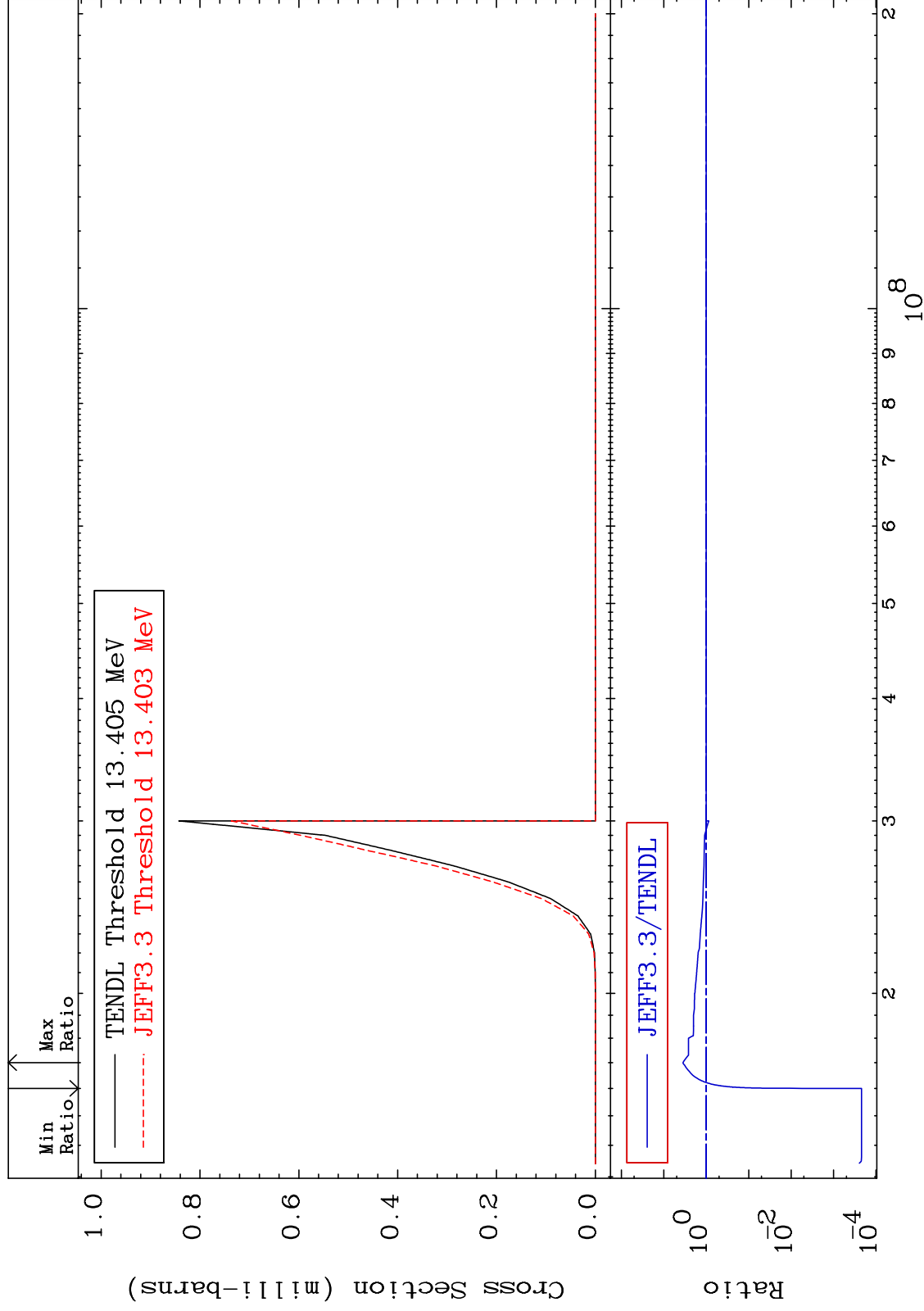


MAT 8031

(n, n') t:79-Au-195g

80-Hg-198

Radionuclide Production Cross Section -99.98 To 255.6 %

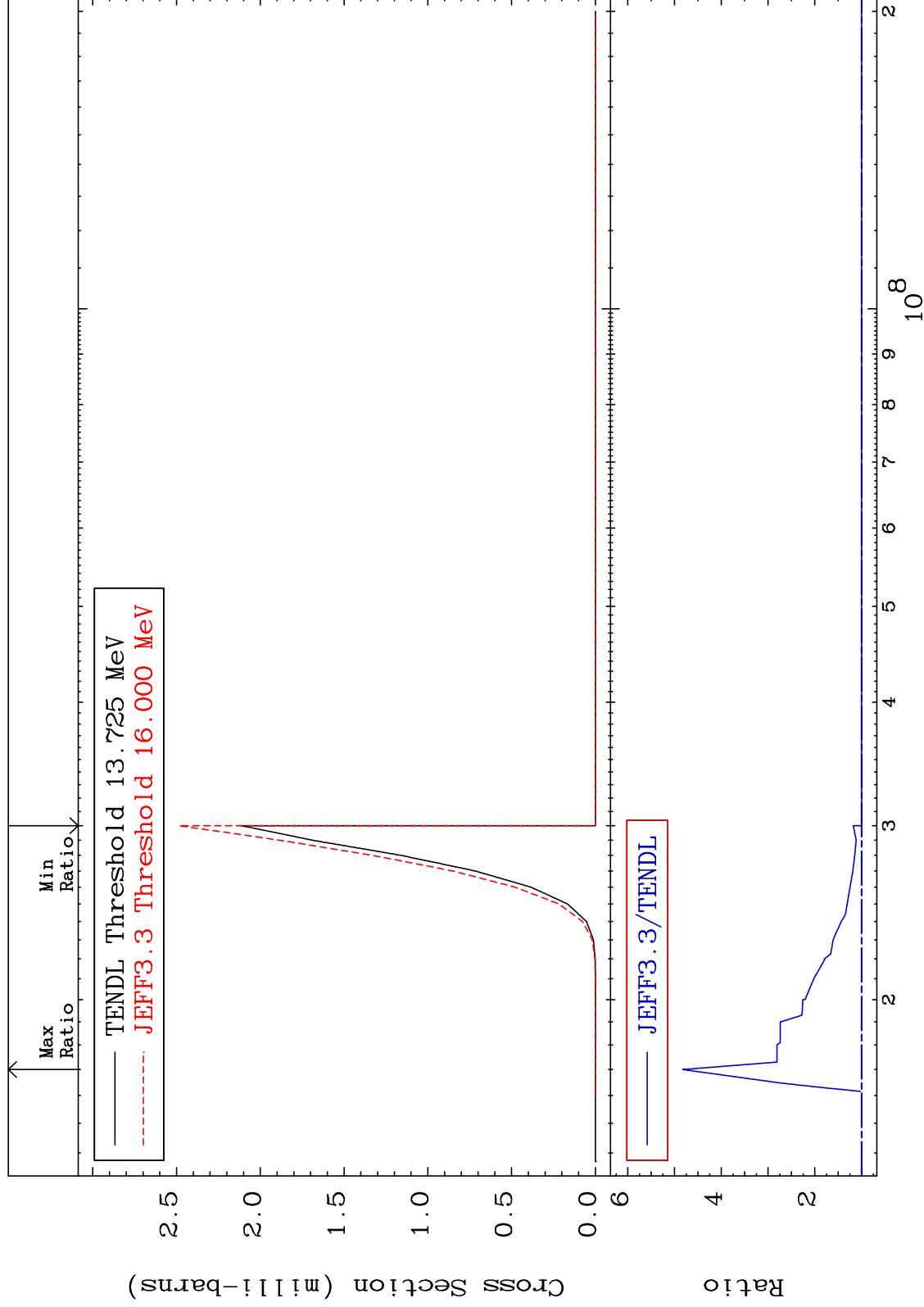


MAT 8031

(n, n') t:79-Au-195m4

80-Hg-198

Radionuclide Production Cross Section 0.000 To 382.1 %



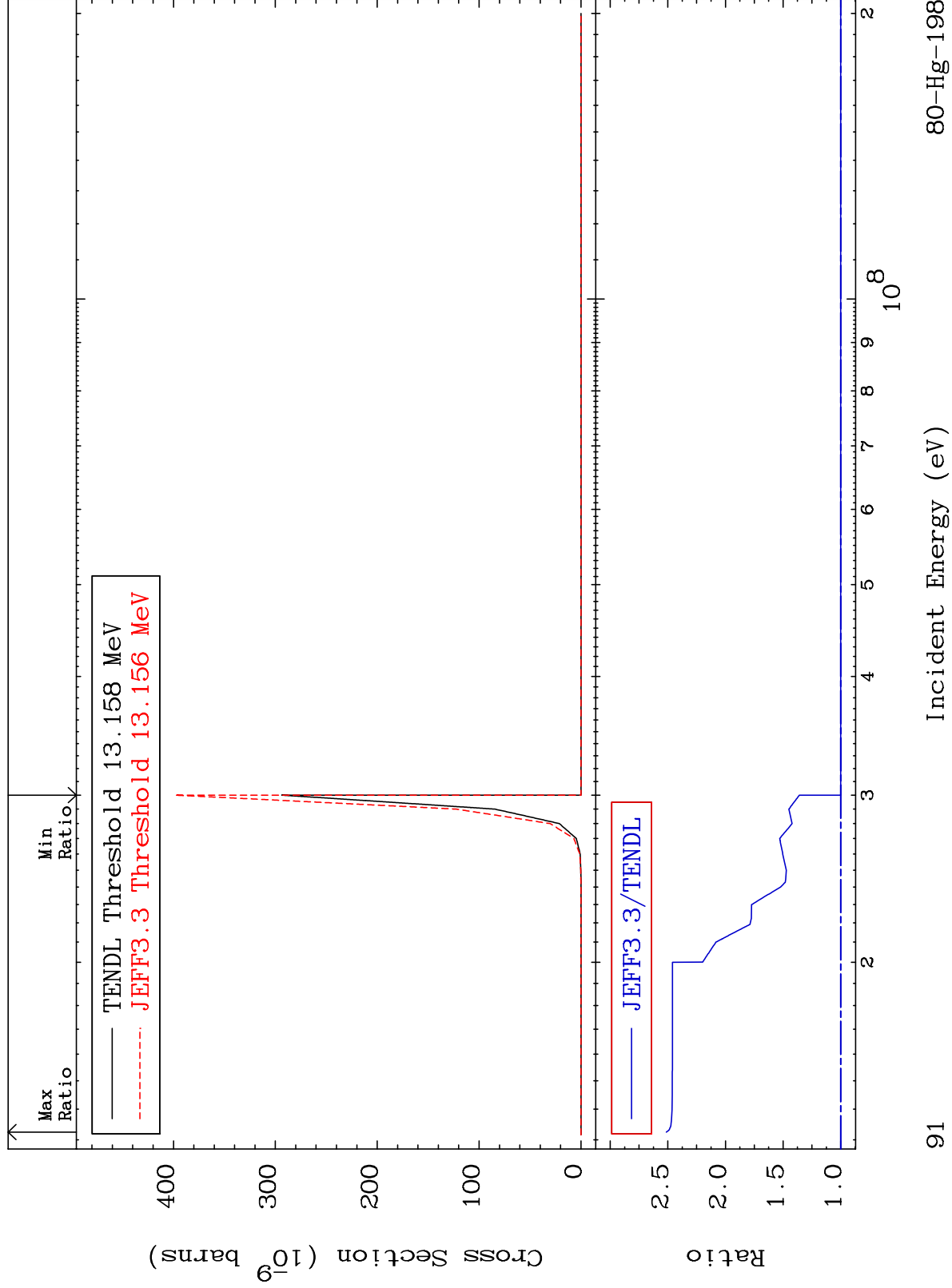
90

Incident Energy (eV)

80-Hg-198

MAT 8031

(n, n') He-3:78-Pt-195g 80-Hg-198
Radionuclide Production Cross Section 0.000 To 151.3 %

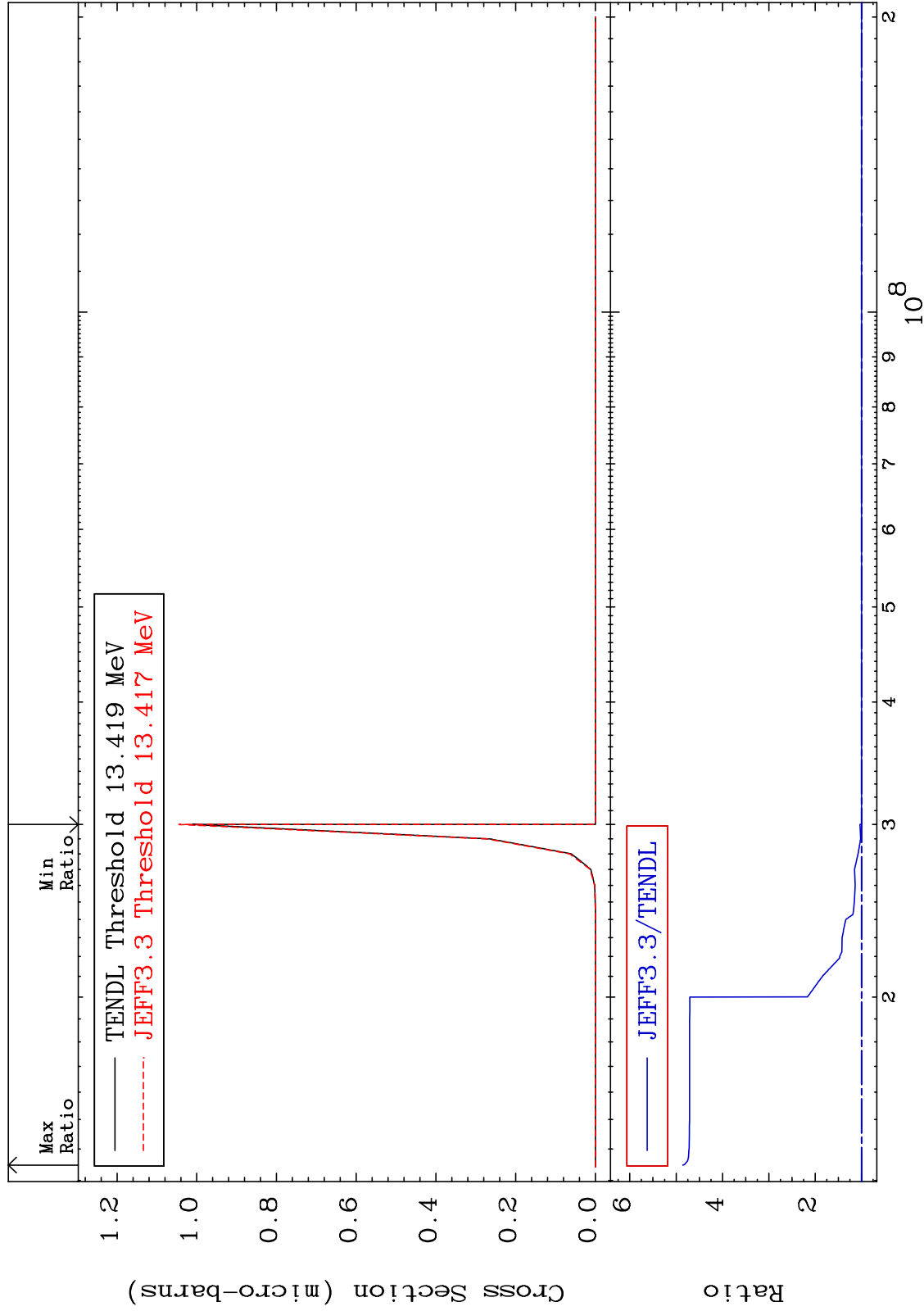


MAT 8031

(n, n') He-3:78-Pt-195m7

80-Hg-198

Radionuclide Production Cross Section 0.000 To 385.5 %



92

Incident Energy (eV)

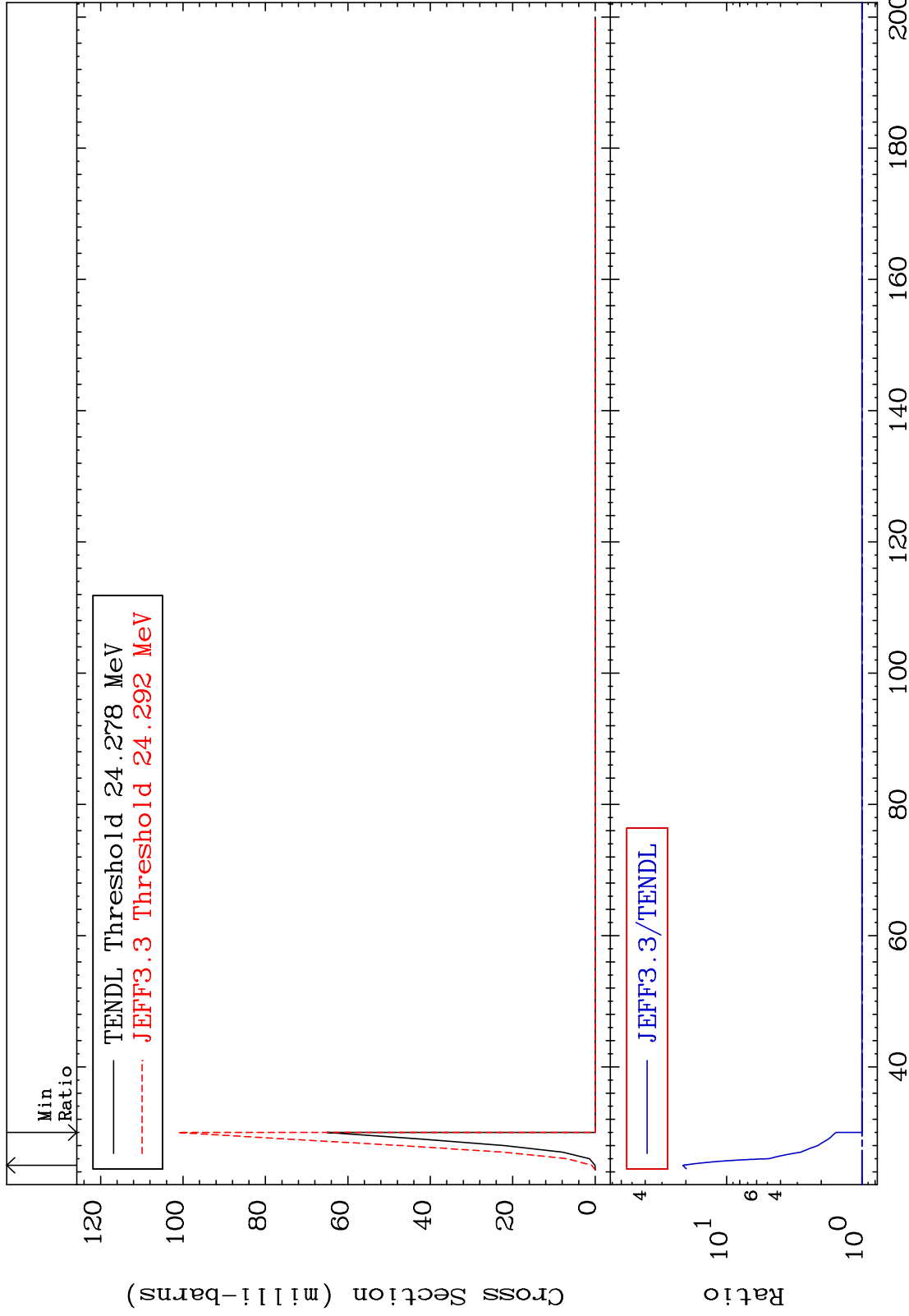
80-Hg-198

MAT 8031

(n,4n):80-Hg-195g

80-Hg-198

Radionuclide Production Cross Section 0.000 To 2006. %

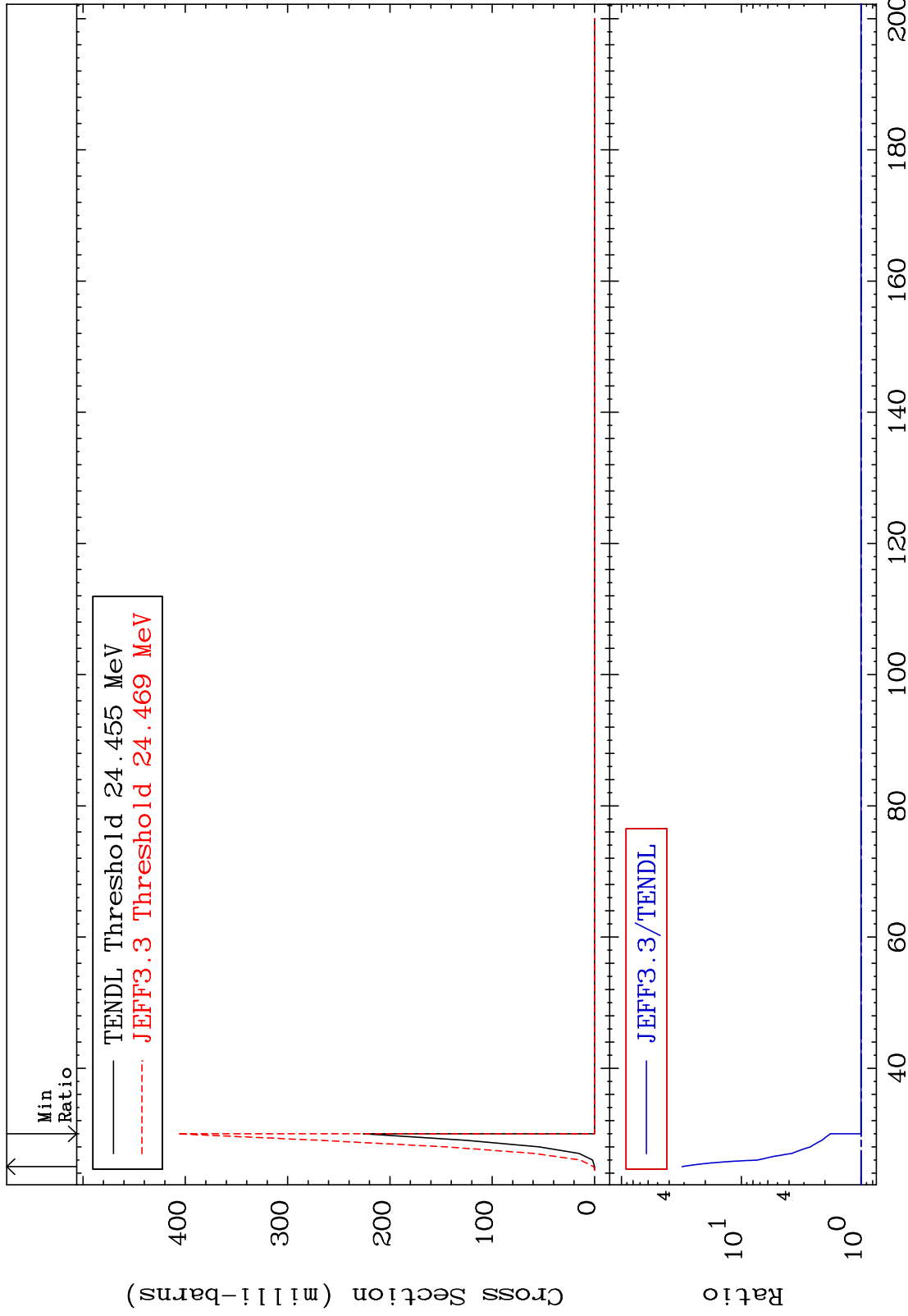


MAT 8031

(n, 4n): 80-Hg-195m3

80-Hg-198

Radionuclide Production Cross Section 0.000 To 3018. %

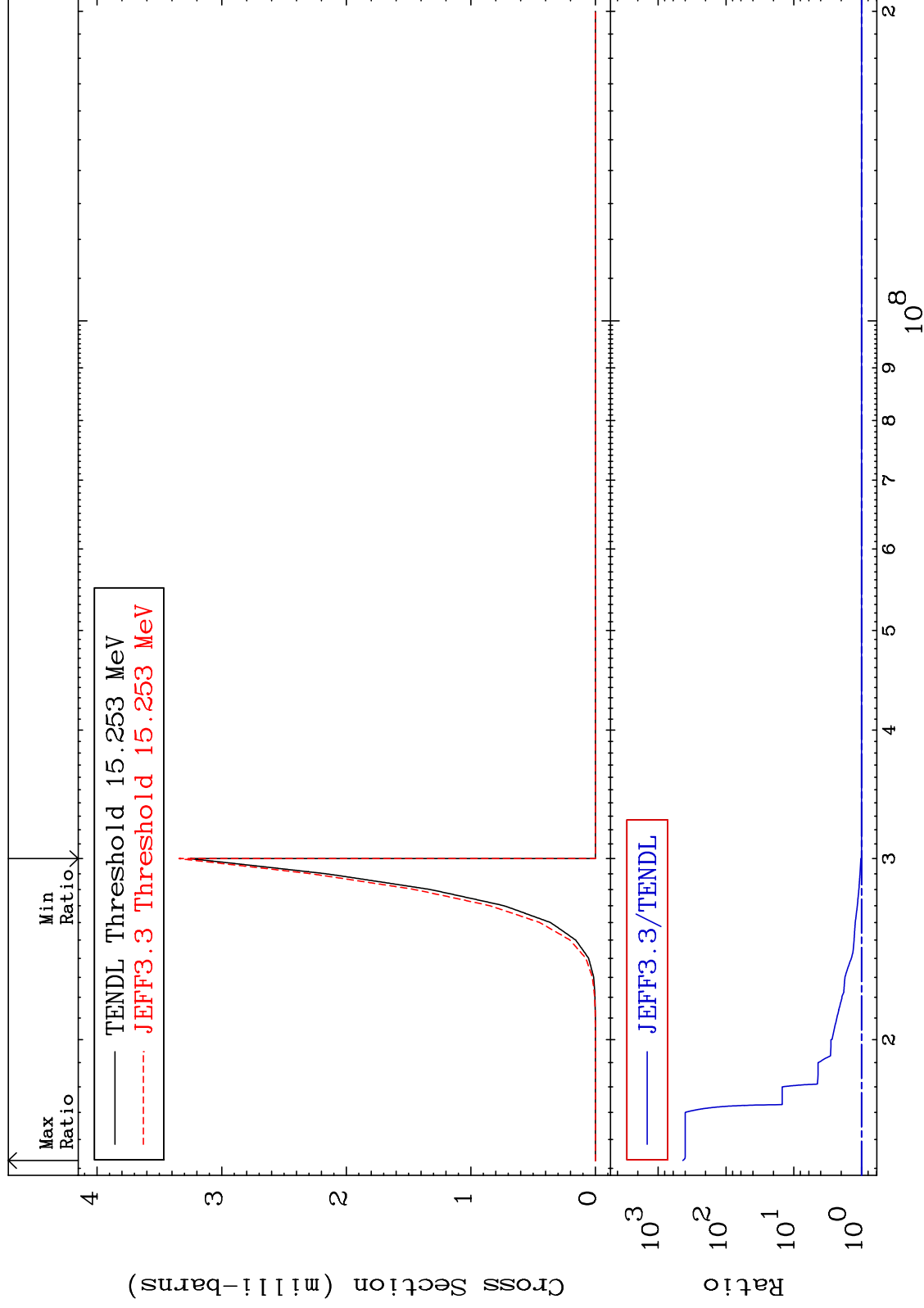


MAT 8031

(n,2n) p:79-Au-196g

80-Hg-198

Radionuclide Production Cross Section 0.000 To 9999. %



95

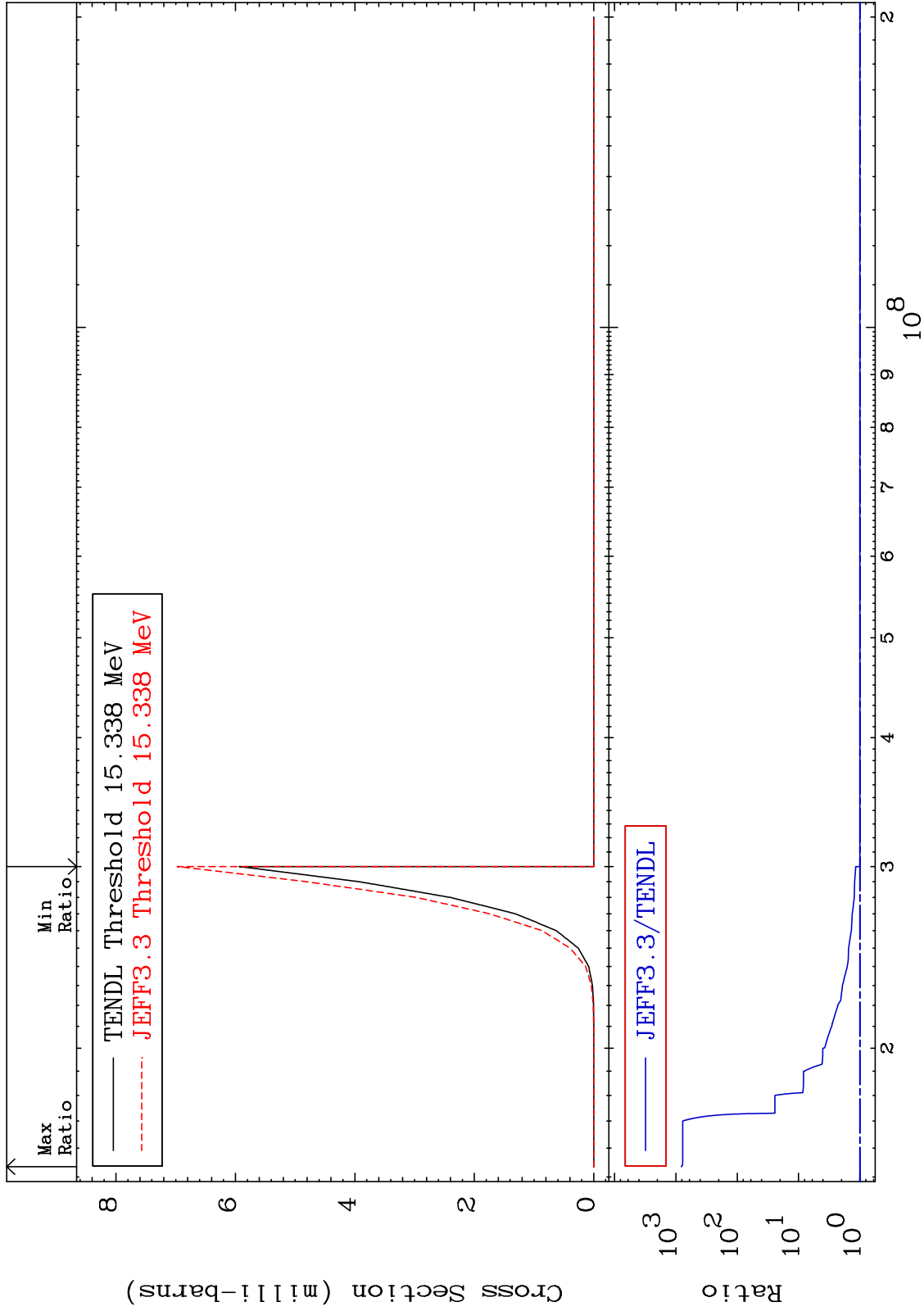
80-Hg-198

MAT 8031

(n,2n) p:79-Au-196m3

80-Hg-198

Radionuclide Production Cross Section 0.000 To 9999. %

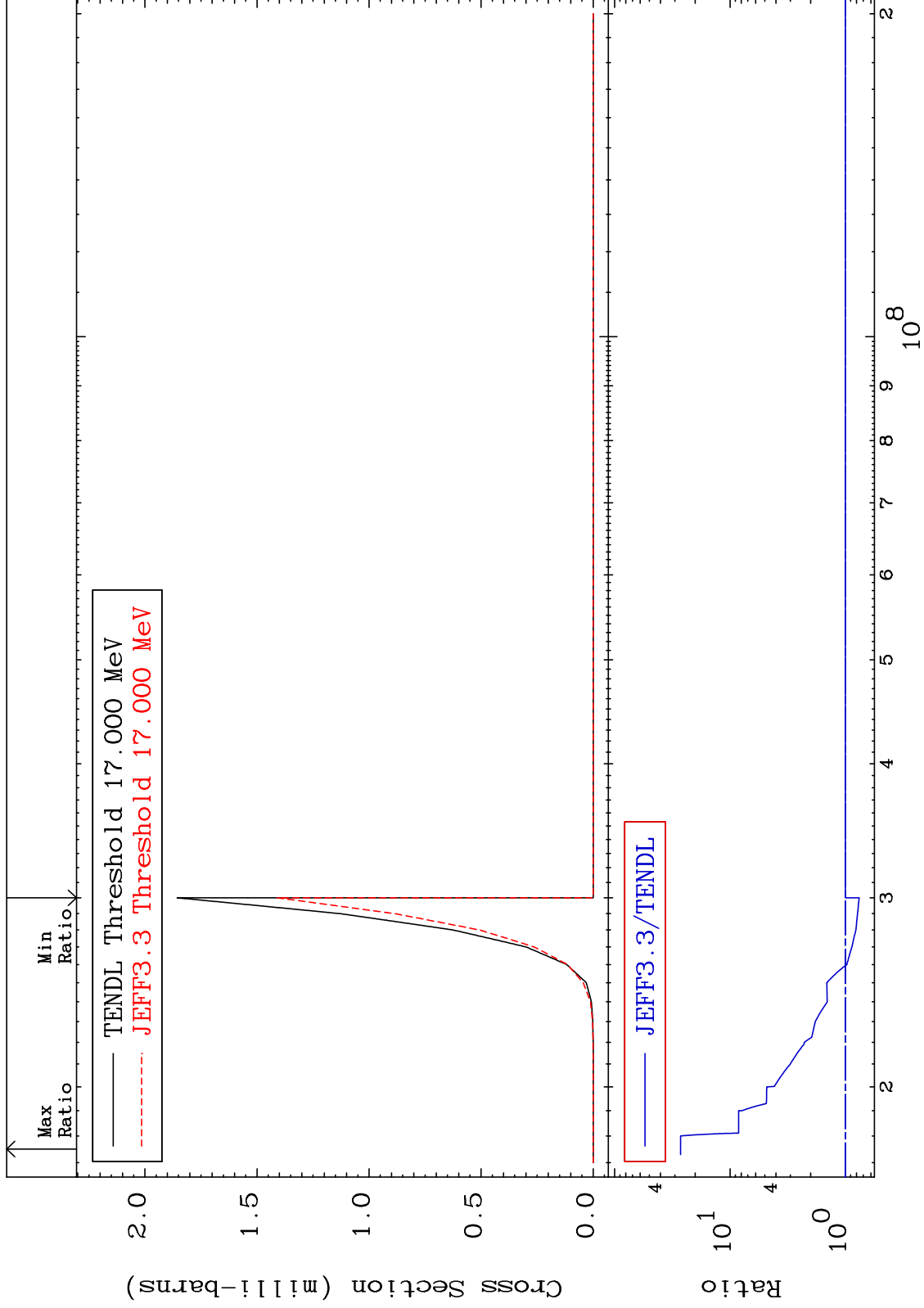


MAT 8031

(n,2n) p:79-Au-196m5

80-Hg-198

Radionuclide Production Cross Section -24.03 To 2580. %



97

Incident Energy (eV)

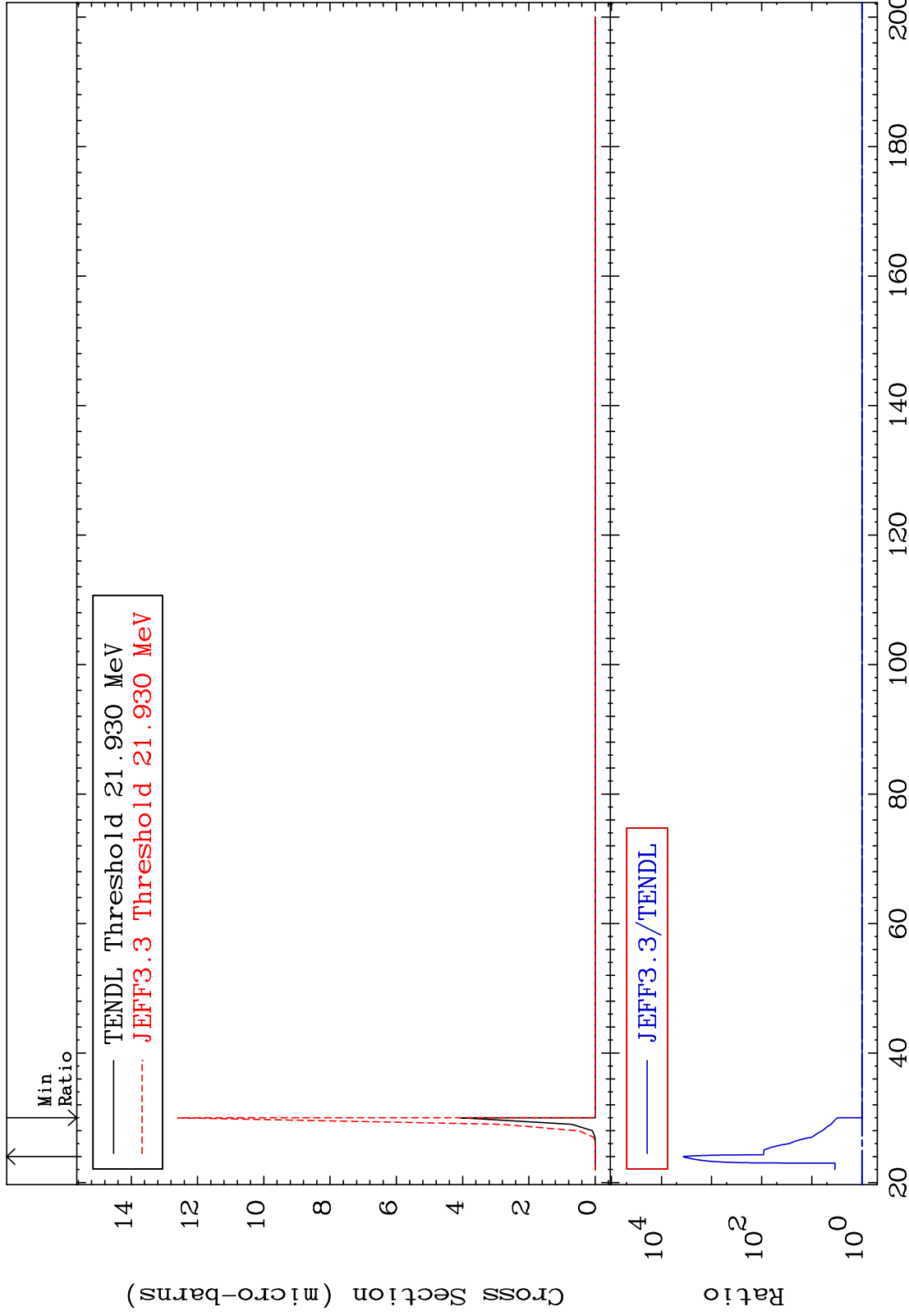
80-Hg-198

MAT 8031

(n,3n) p:79-Au-195g

80-Hg-198

Radionuclide Production Cross Section 0.000 To 9999. %



98

Incident Energy (MeV)

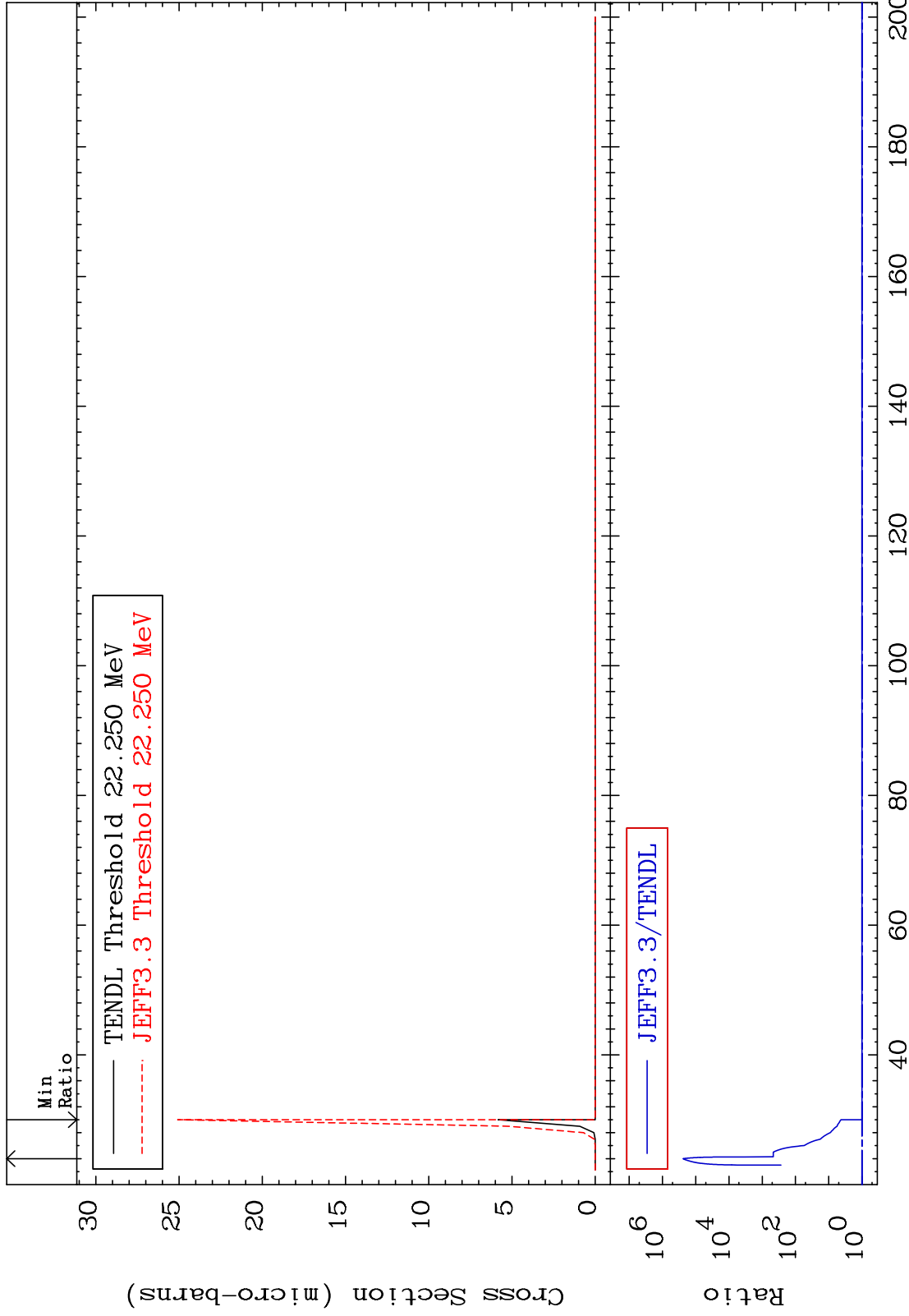
80-Hg-198

MAT 8031

(n,3n) p:79-Au-195m4

80-Hg-198

Radionuclide Production Cross Section 0.000 To 9999. %

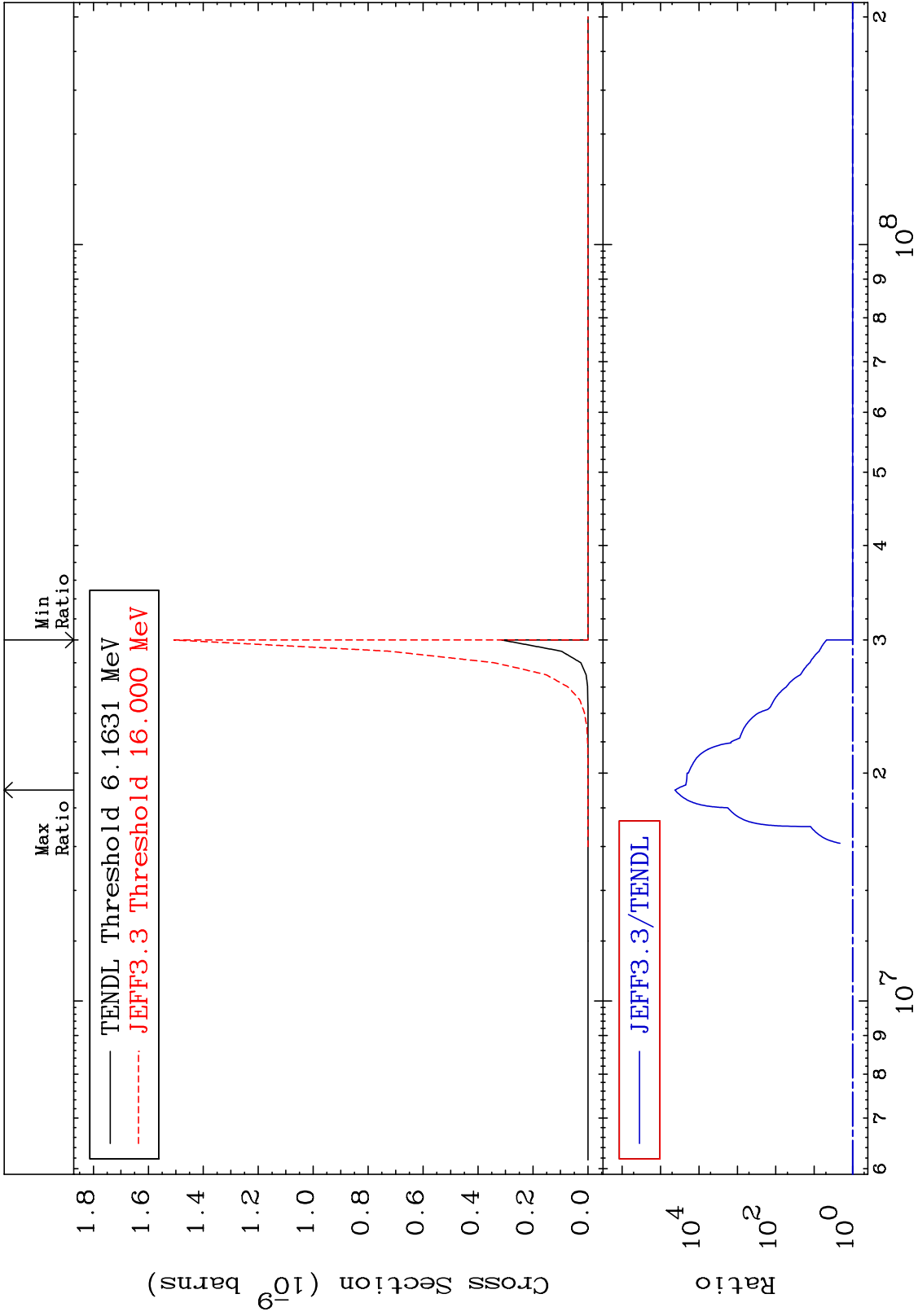


MAT 8031

(n, n') p α : 77-Ir-193g

80-Hg-198

Radionuclide Production Cross Section 0.000 To 9999. %



100

Incident Energy (eV)

80-Hg-198

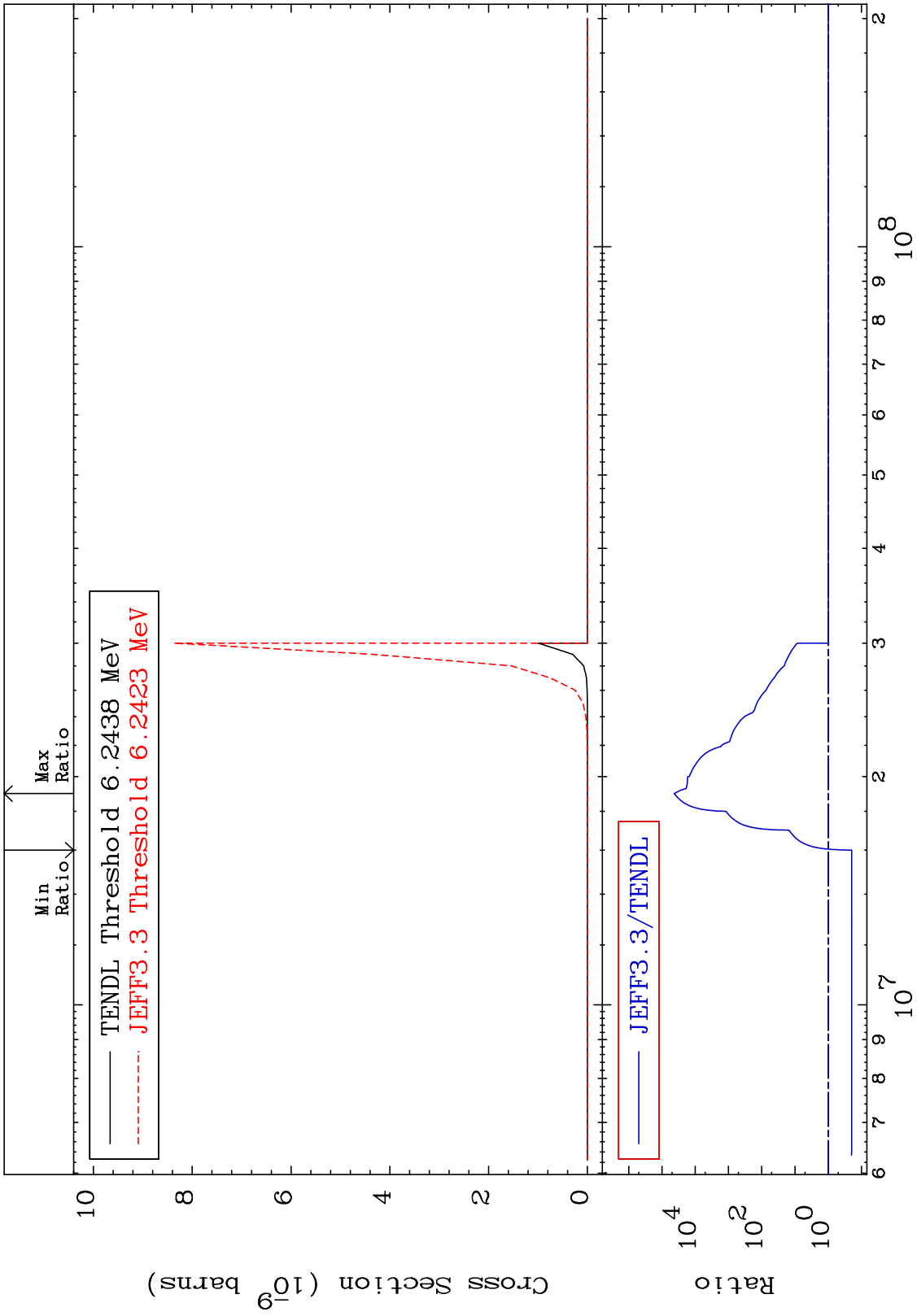
MAT 8031

(n, n') p α : 77-Ir-193m2

80-Hg-198

Radionuclide Production Cross Section

-80.43 To 9999. %

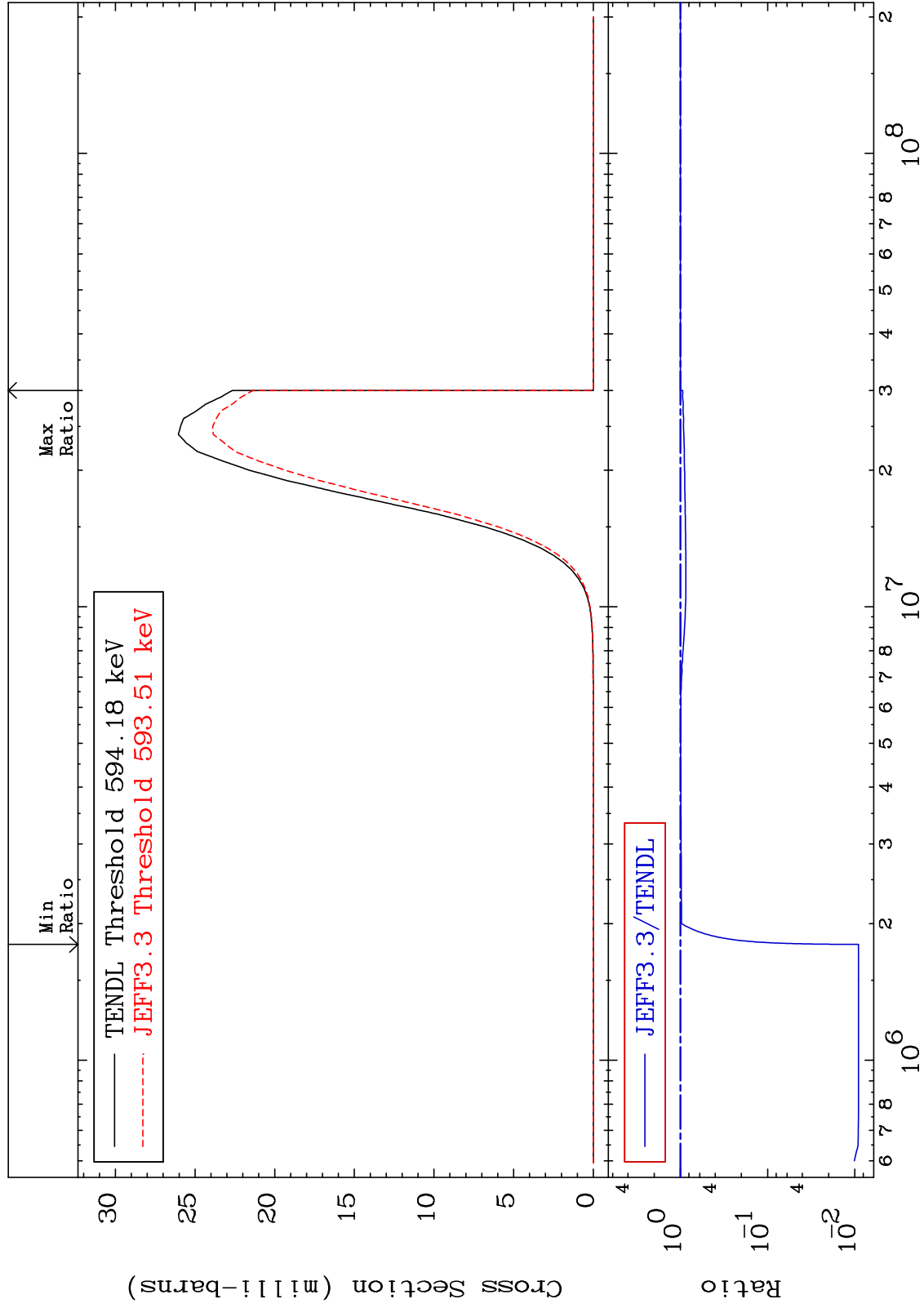


MAT 8031

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

80-Hg-198

Radionuclide Production Cross Section -99.09 To 0.000 %



102

Incident Energy (eV)

80-Hg-198

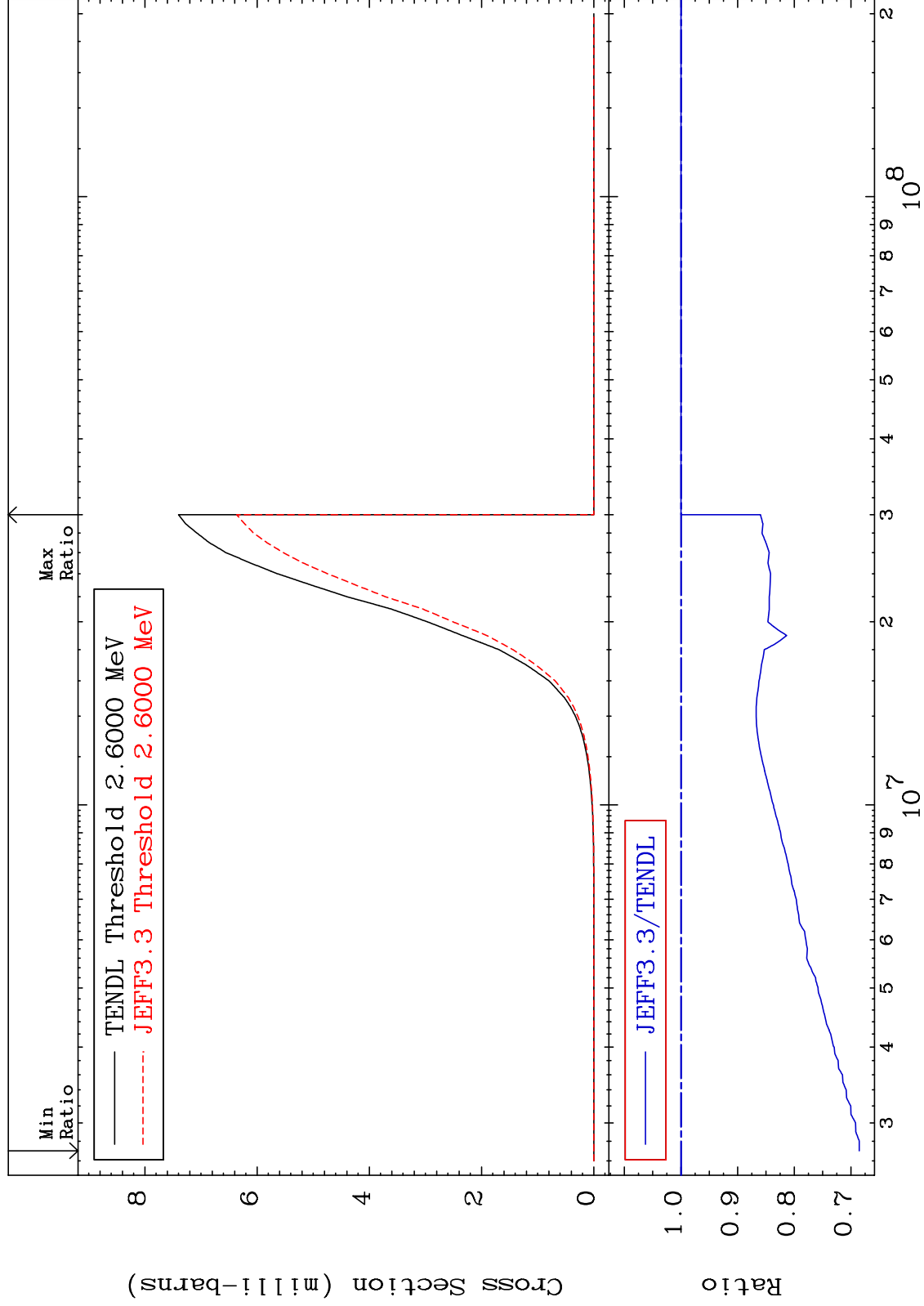
MAT 8031

(n, p):79-Au-198m10

80-Hg-198

Radionuclide Production Cross Section

-31.48 To 0.000 %



103

Incident Energy (eV)

80-Hg-198

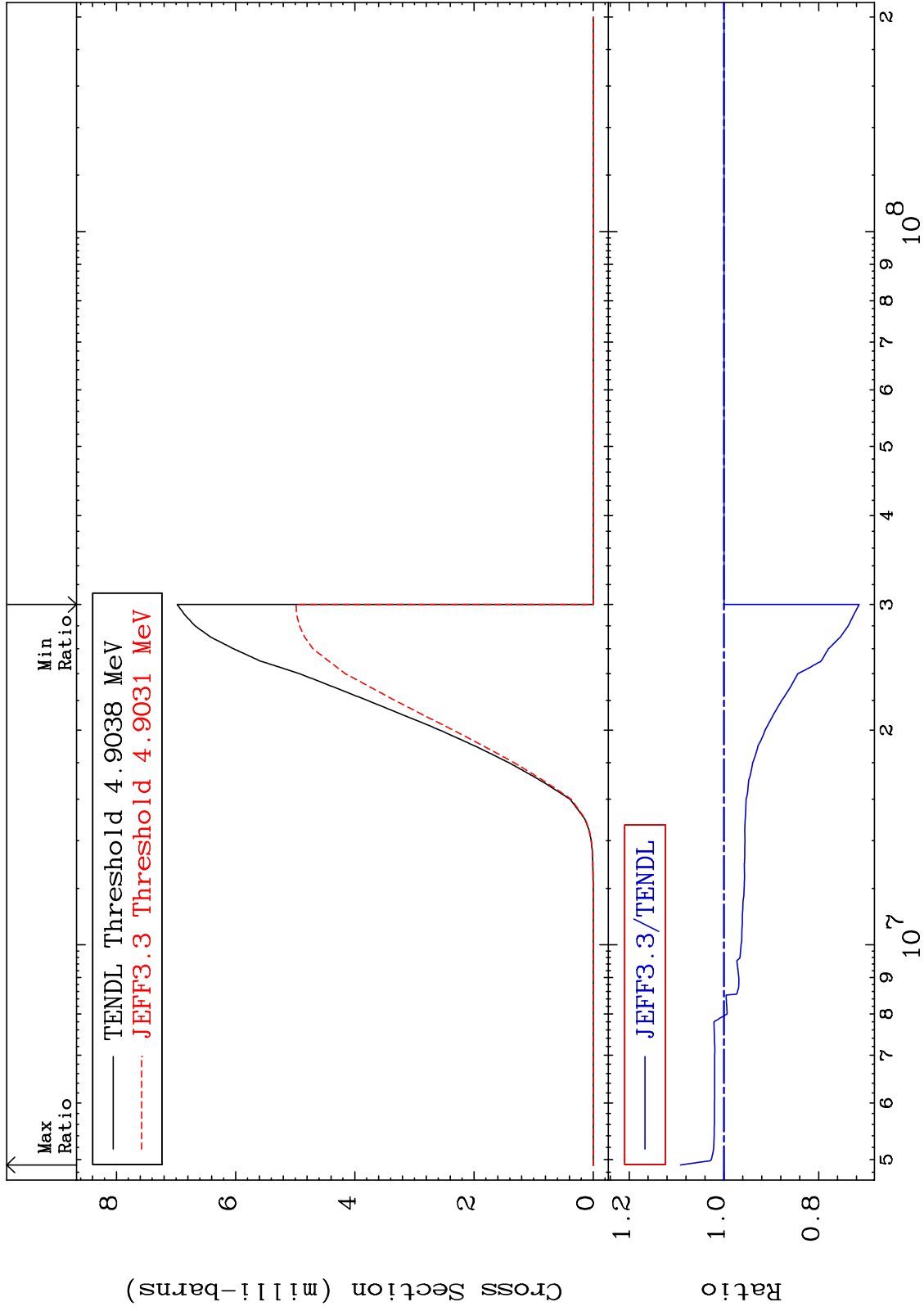
MAT 8031

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

80-Hg-198

Radionuclide Production Cross Section

-28.55 To 9.135 %

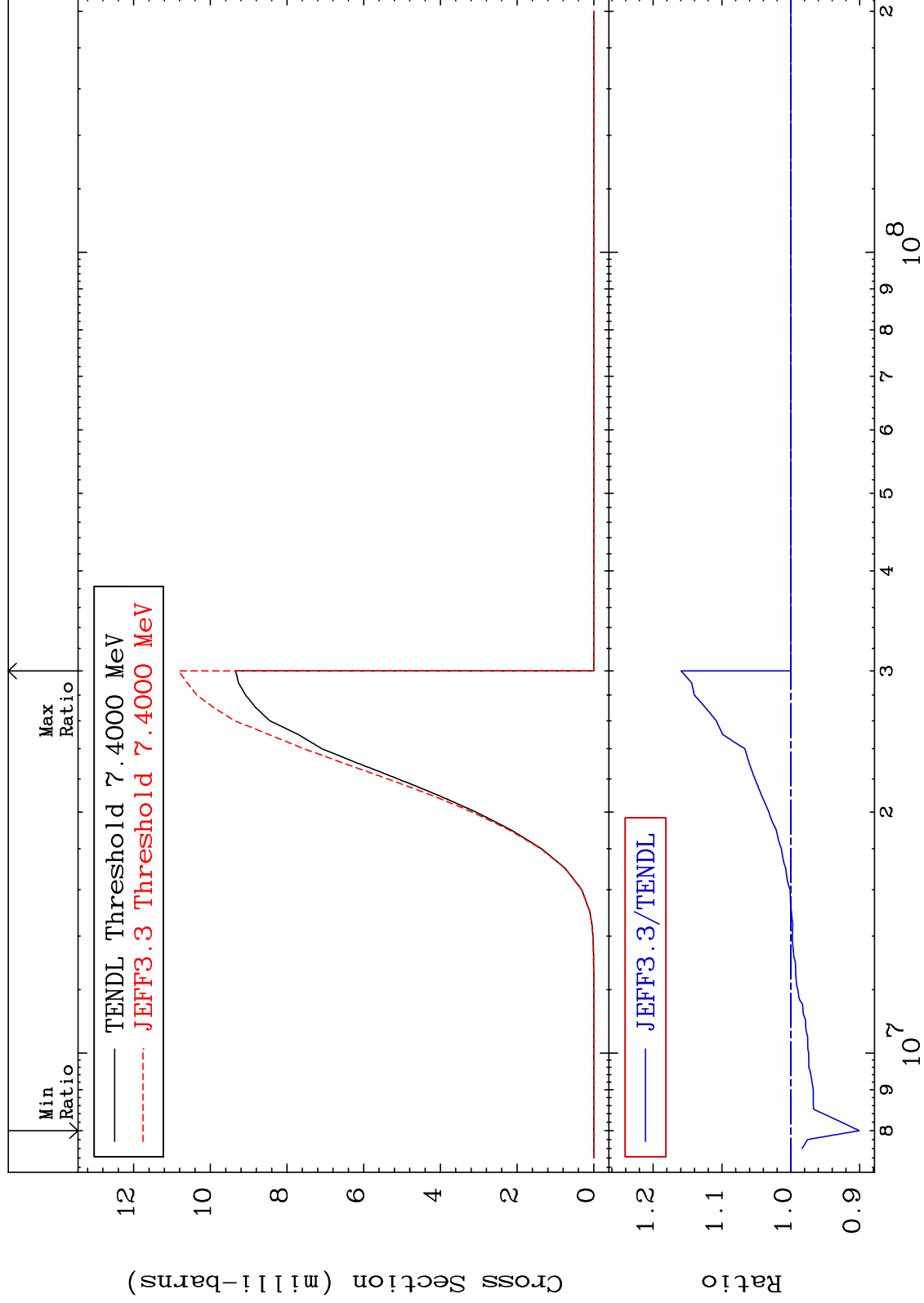


MAT 8031

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

80-Hg-198

Radionuclide Production Cross Section -9.943 To 15.95 %



105

Incident Energy (eV)

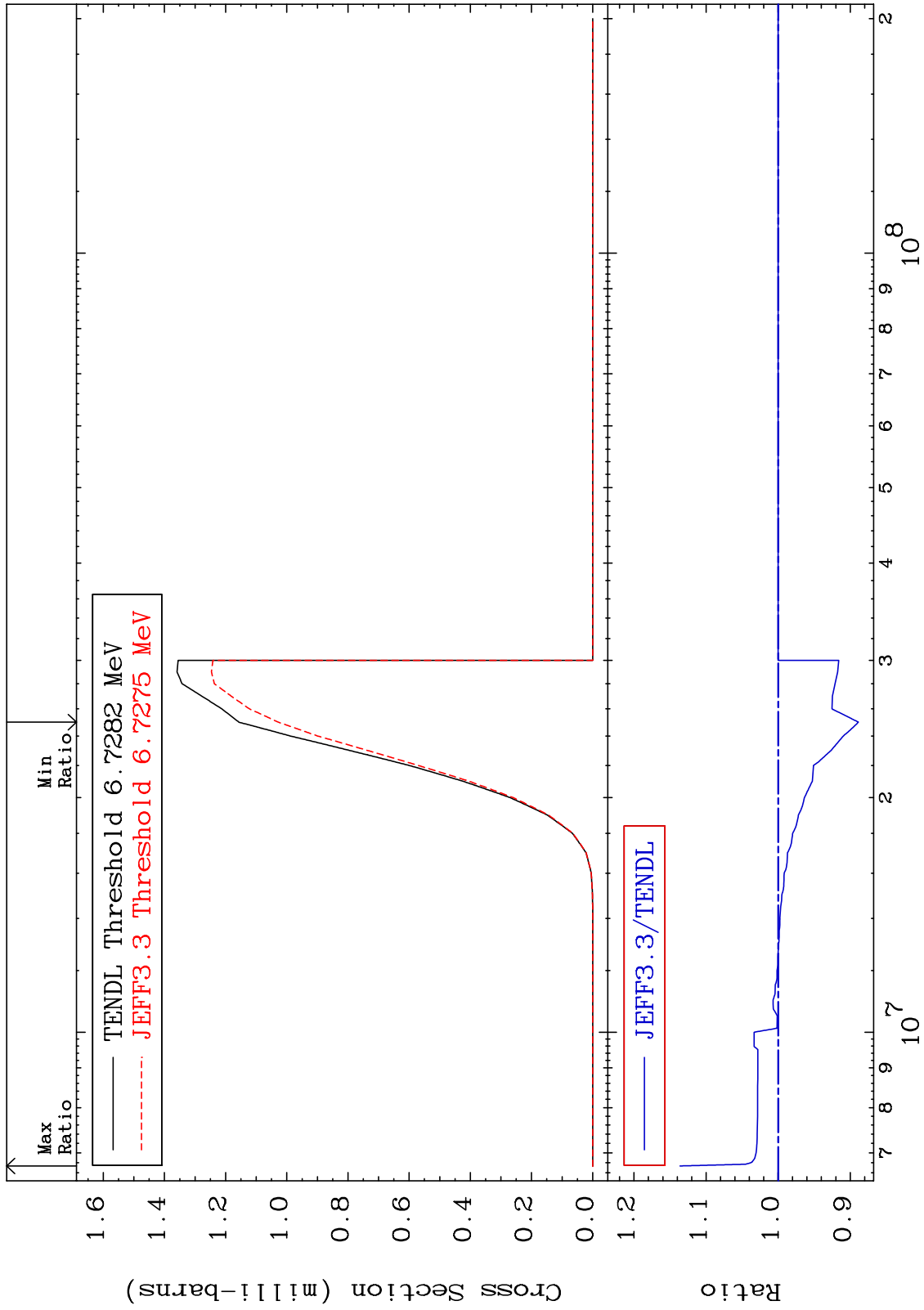
80-Hg-198

MAT 8031

(n, t): 79-Au-196g

80-Hg-198

Radionuclide Production Cross Section -11.14 To 13.62 %



106

Incident Energy (eV)

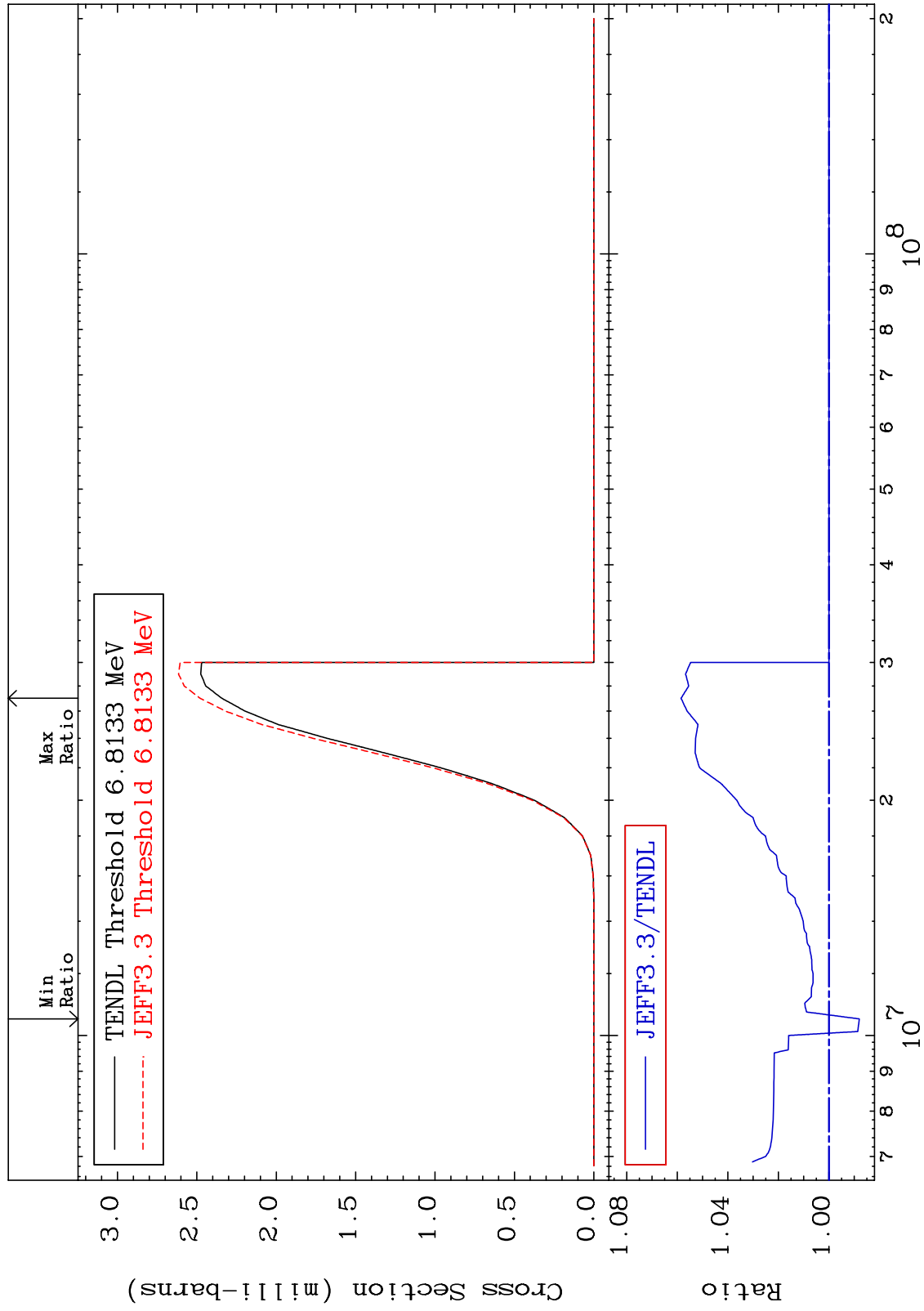
80-Hg-198

MAT 8031

(n, t): 79-Au-196m3

80-Hg-198

Radionuclide Production Cross Section -1.198 To 5.849 %



107

Incident Energy (eV)

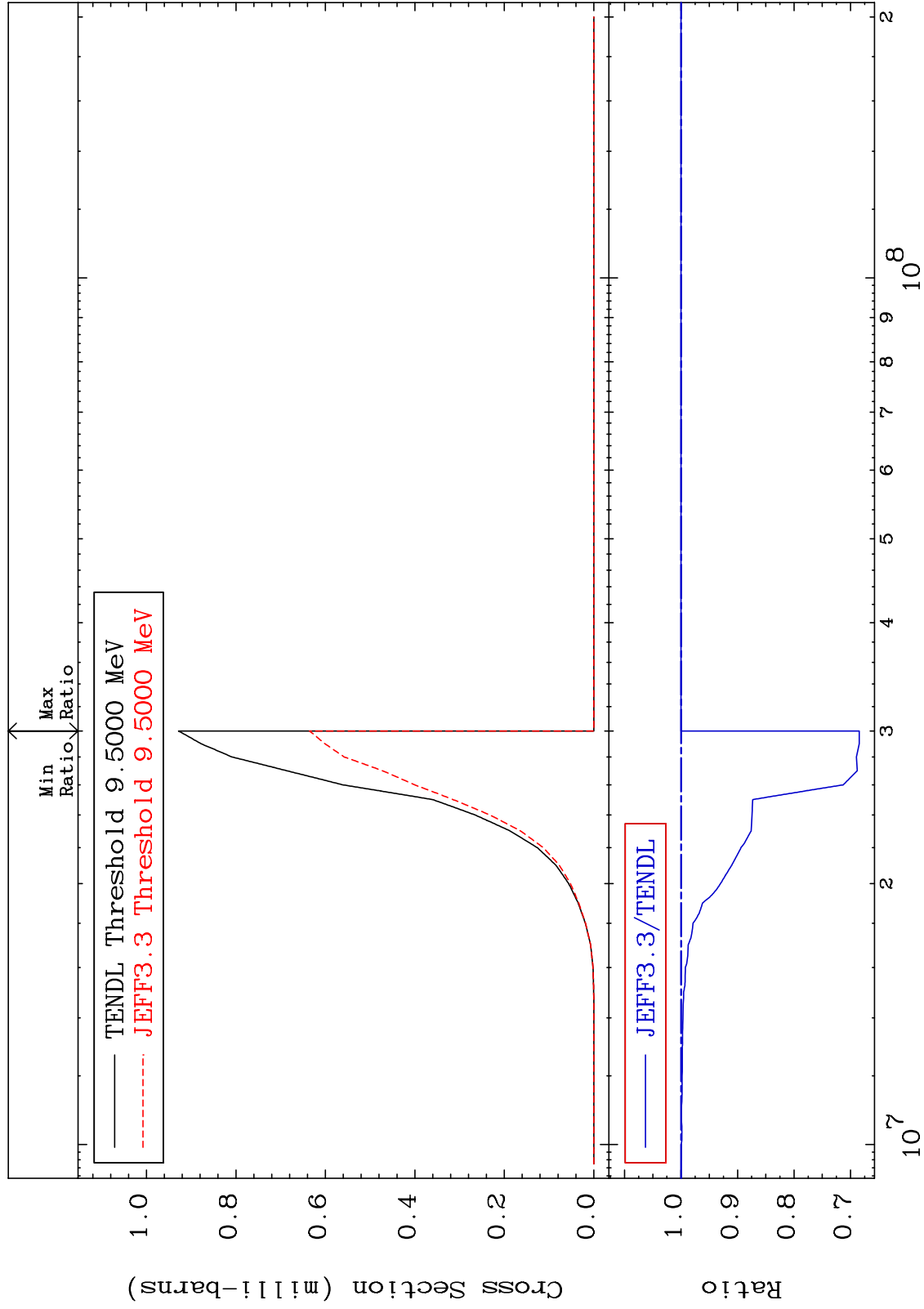
80-Hg-198

MAT 8031

(n, t): 79-Au-196m5

80-Hg-198

Radionuclide Production Cross Section -31.55 To 0.000 %



108

Incident Energy (eV)

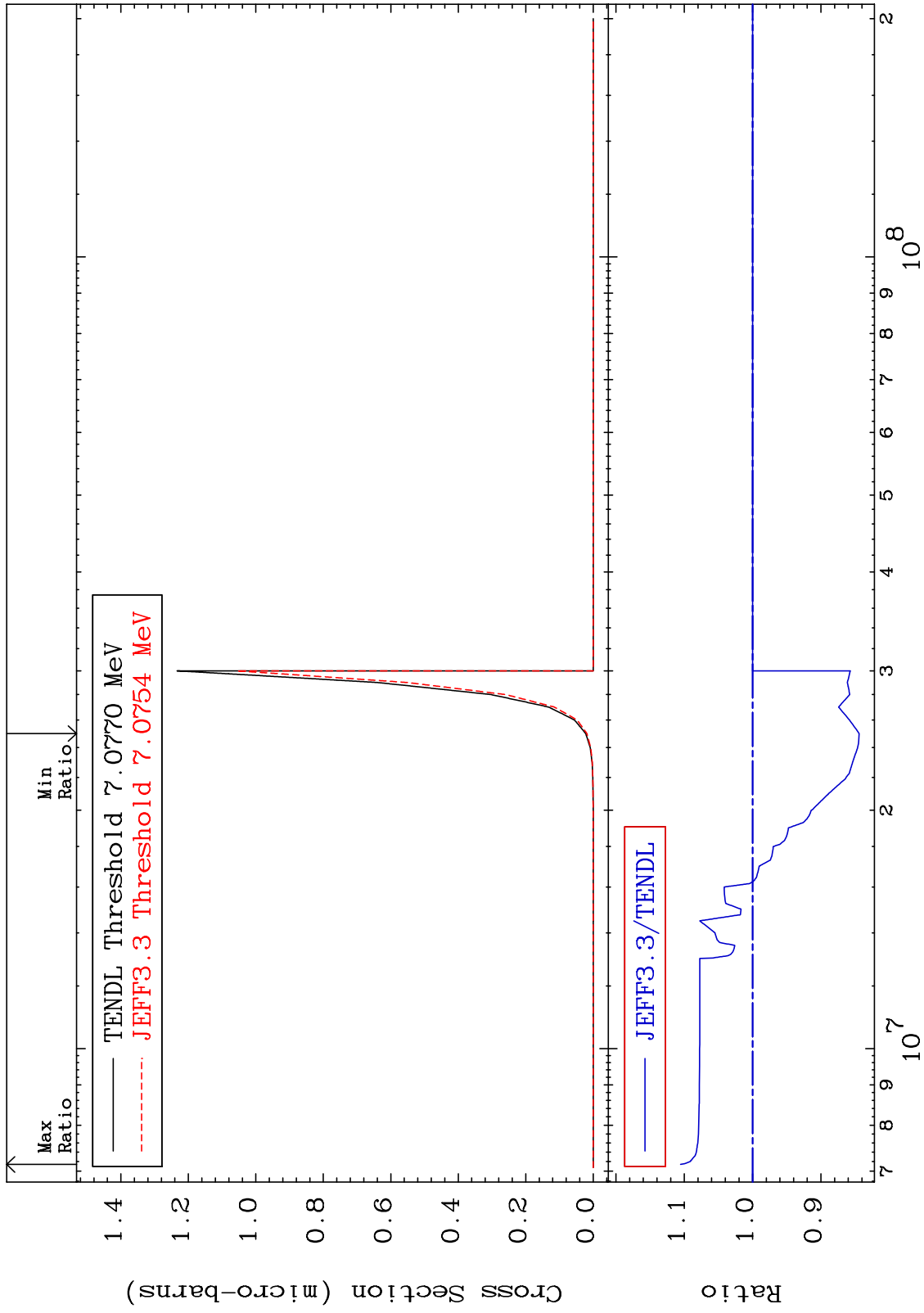
80-Hg-198

MAT 8031

(n,2p) : 78-Pt-197g

80-Hg-198

Radionuclide Production Cross Section -15.60 To 10.54 %



109

Incident Energy (eV)

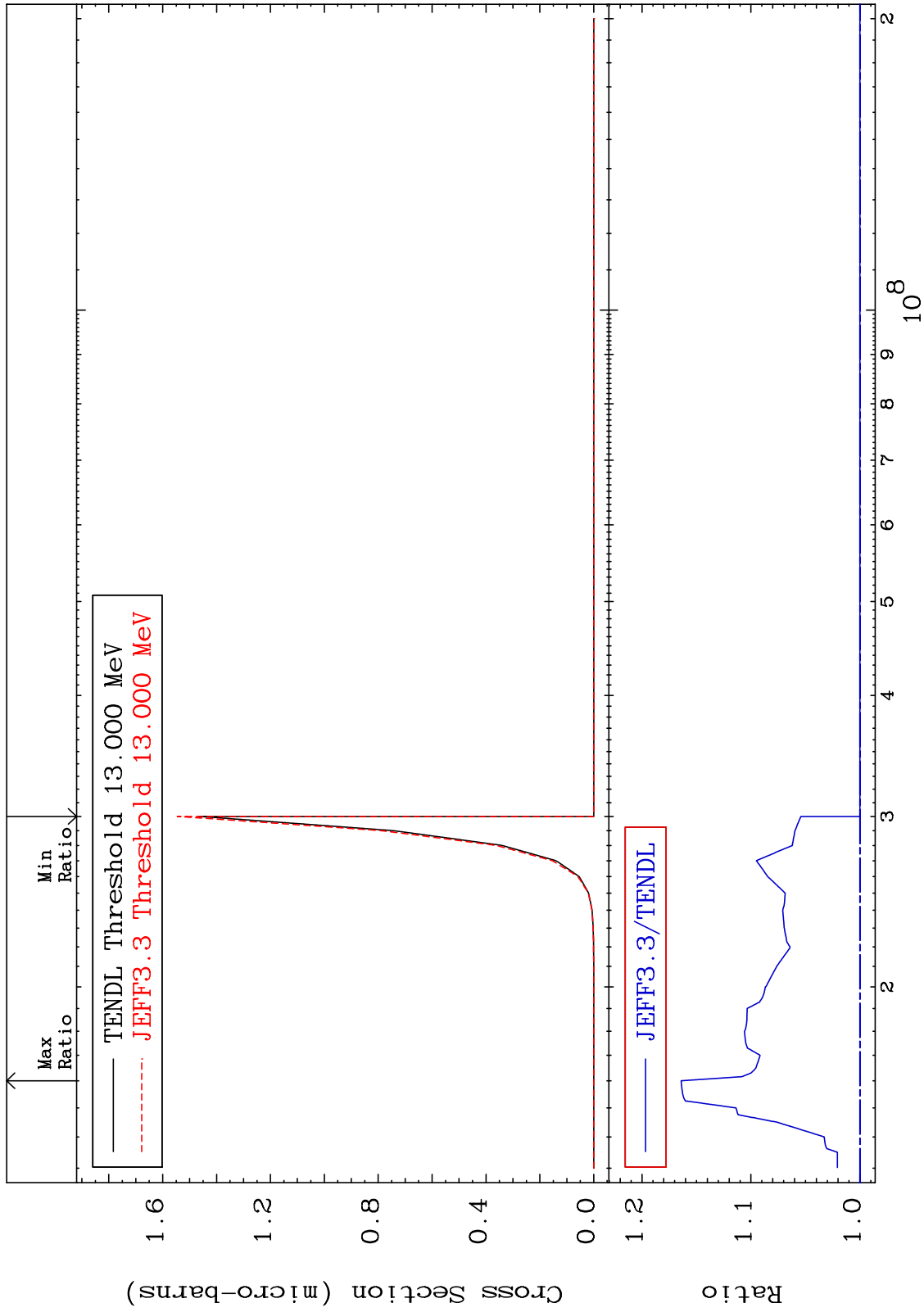
80-Hg-198

MAT 8031

(n,2p):78-Pt-197m9

80-Hg-198

Radionuclide Production Cross Section 0.000 To 16.40 %



110

Incident Energy (eV)

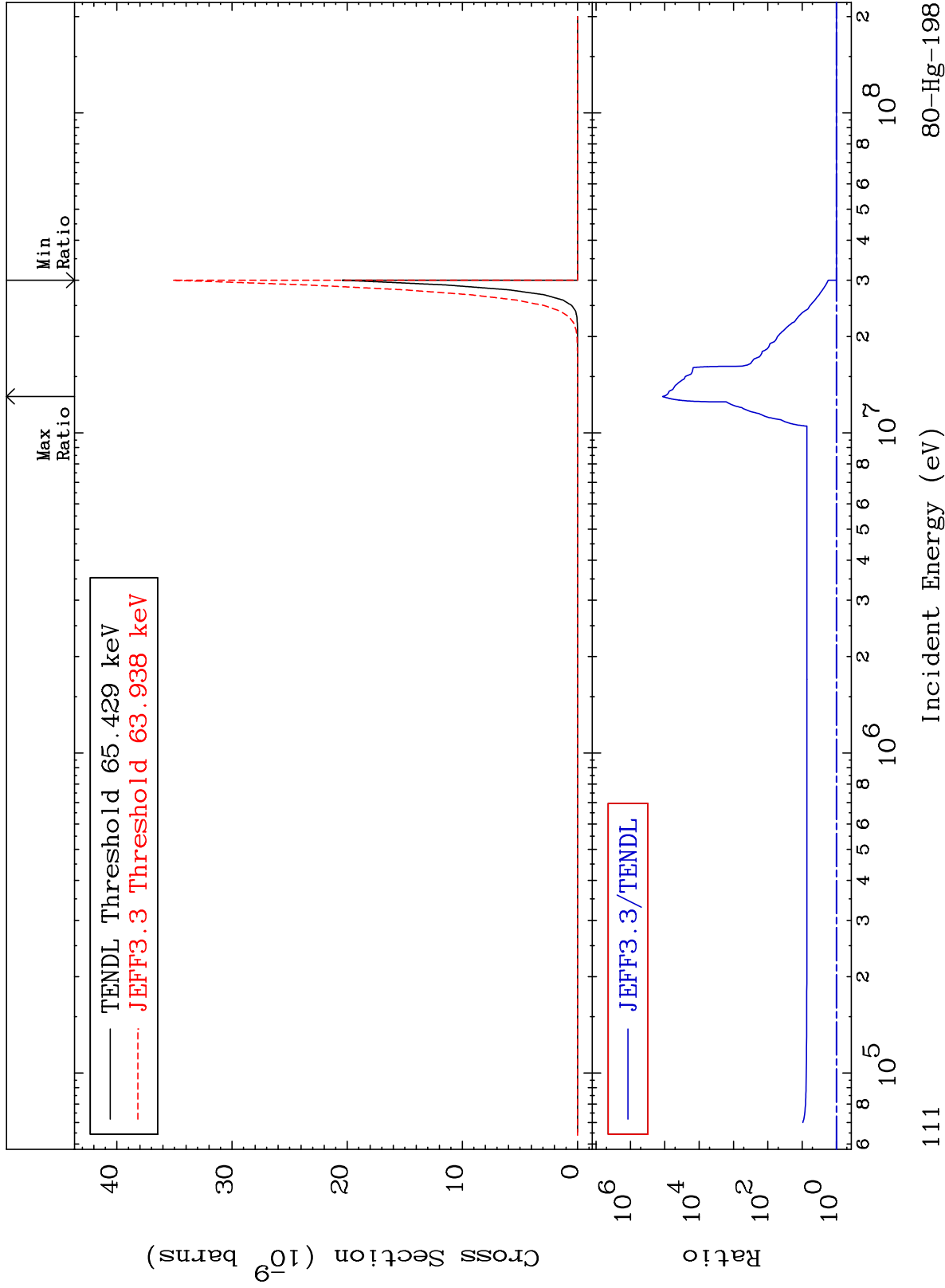
80-Hg-198

MAT 8031

(n, p) α : 77-Ir-194g

80-Hg-198

Radionuclide Production Cross Section 0.000 To 9999. %

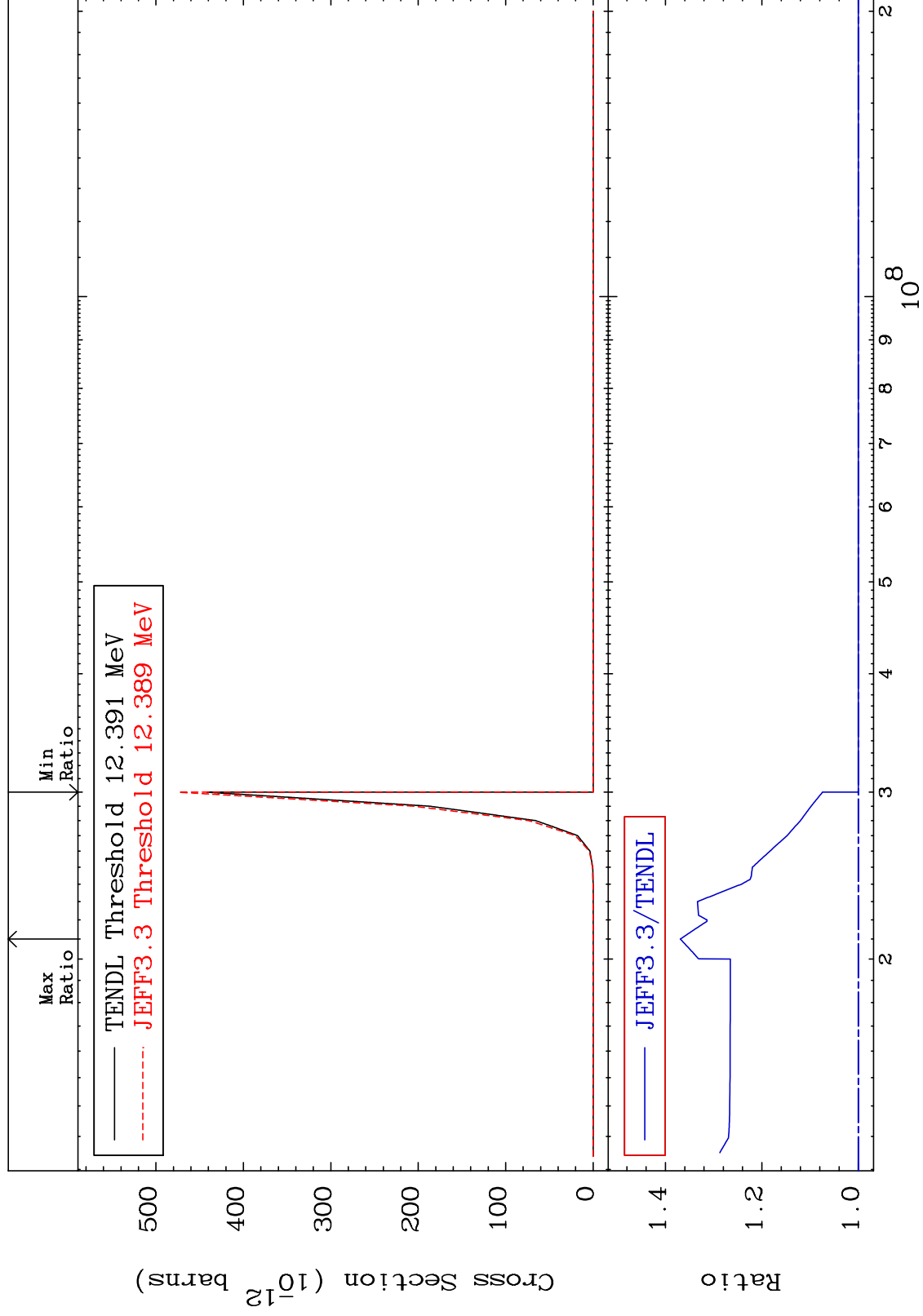


MAT 8031

(n, p) t:78-Pt-195g

80-Hg-198

Radionuclide Production Cross Section 0.000 To 36.91 %

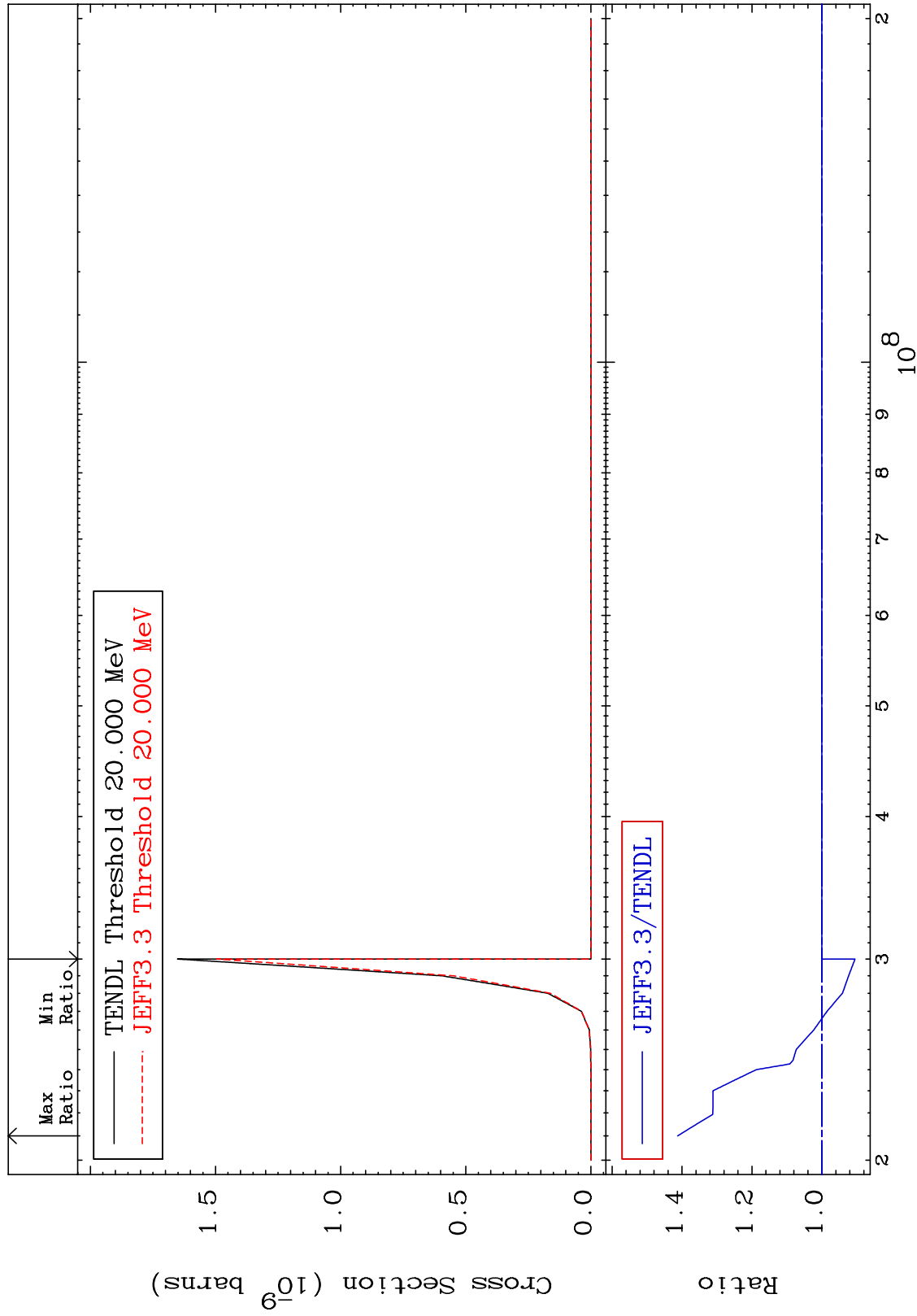


MAT 8031

(n, p) t: 78-Pt-195m7

80-Hg-198

Radionuclide Production Cross Section -9.496 To 41.24 %



113

Incident Energy (eV)

80-Hg-198