

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

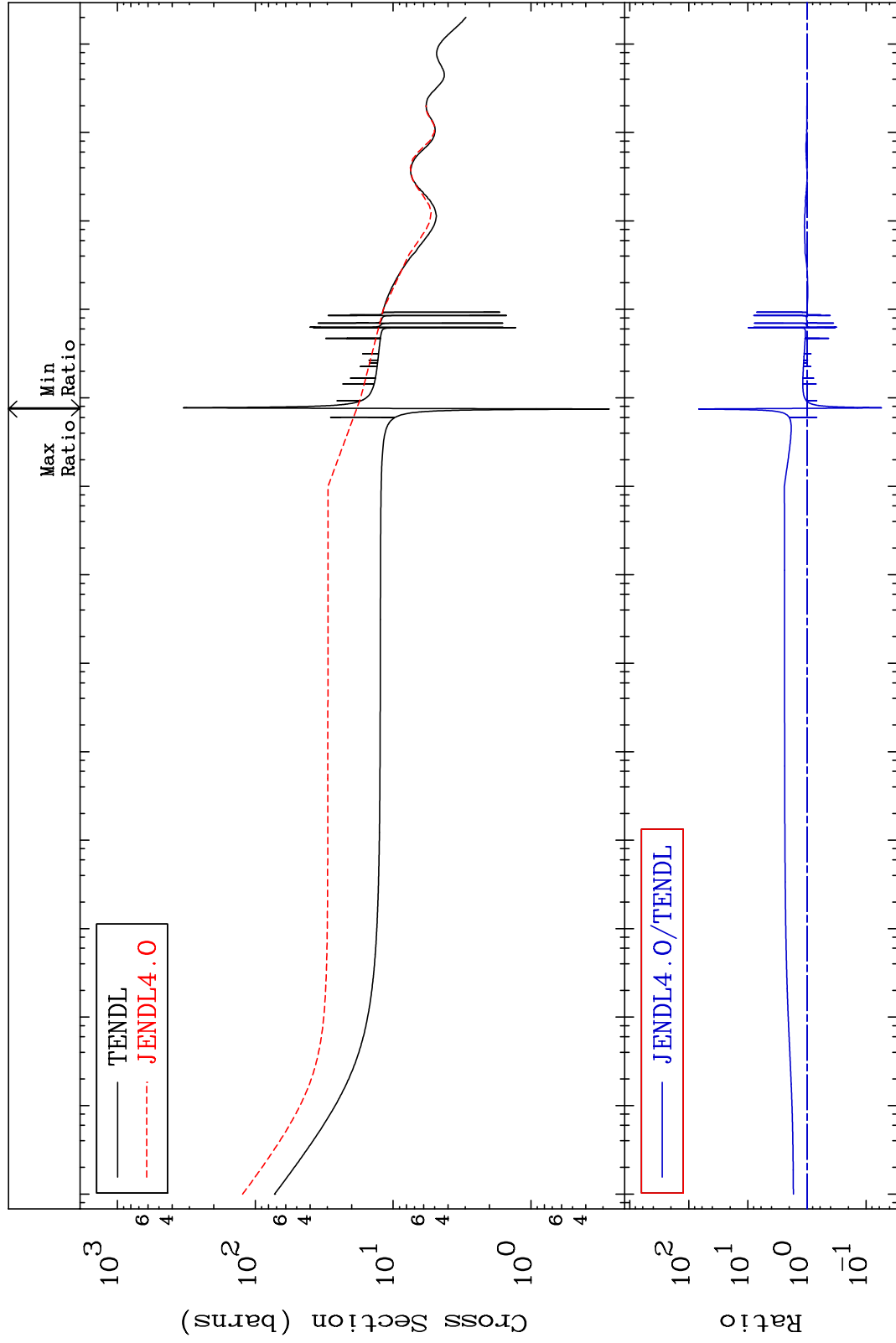
MAT 8049

Total

80-Hg-204

Cross Section

-94.52 To 6702. %



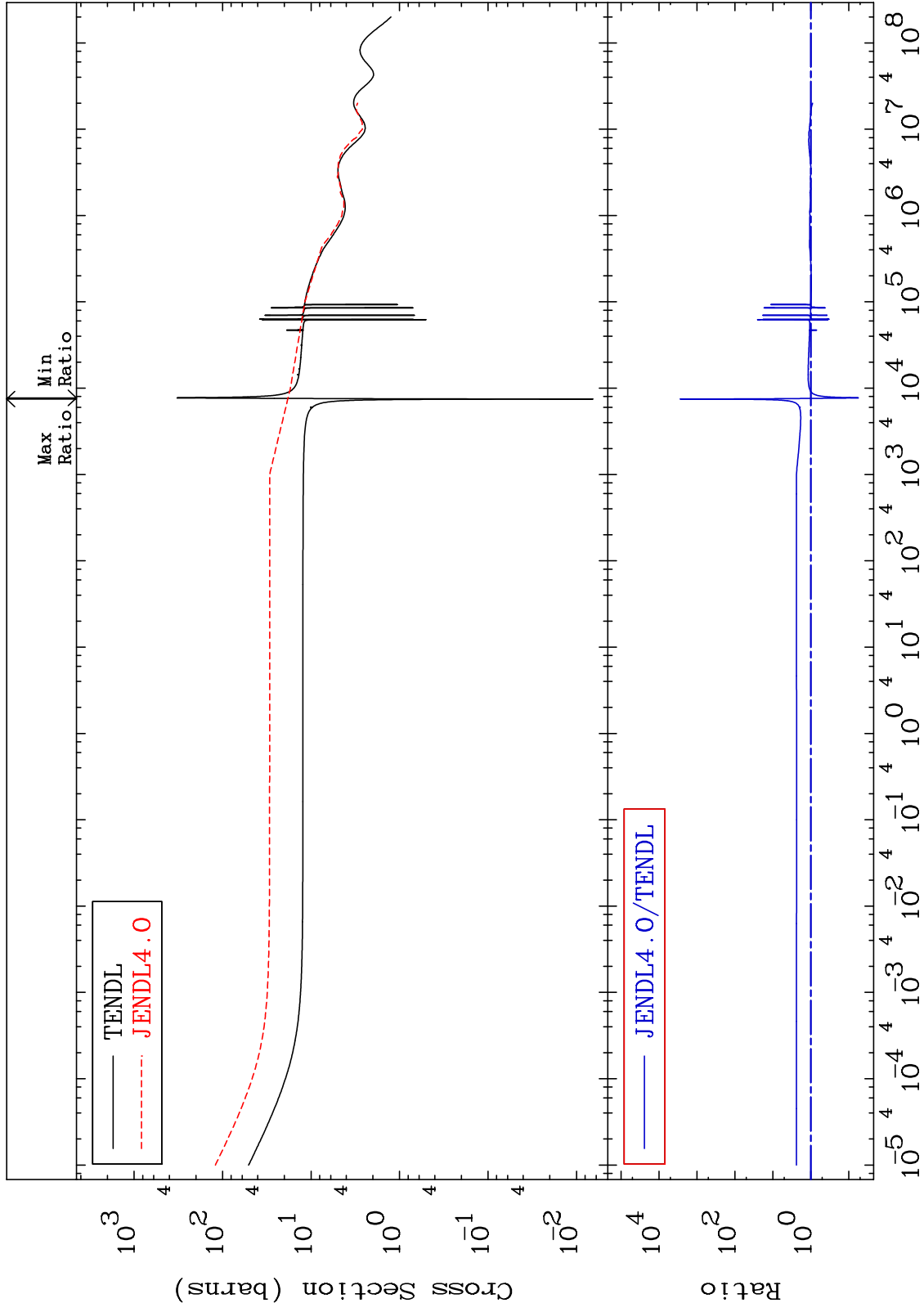
Incident Energy (eV)

80-Hg-204

MAT 8049

Elastic  
Cross Section

80-Hg-204  
-94.44 To 9999. %



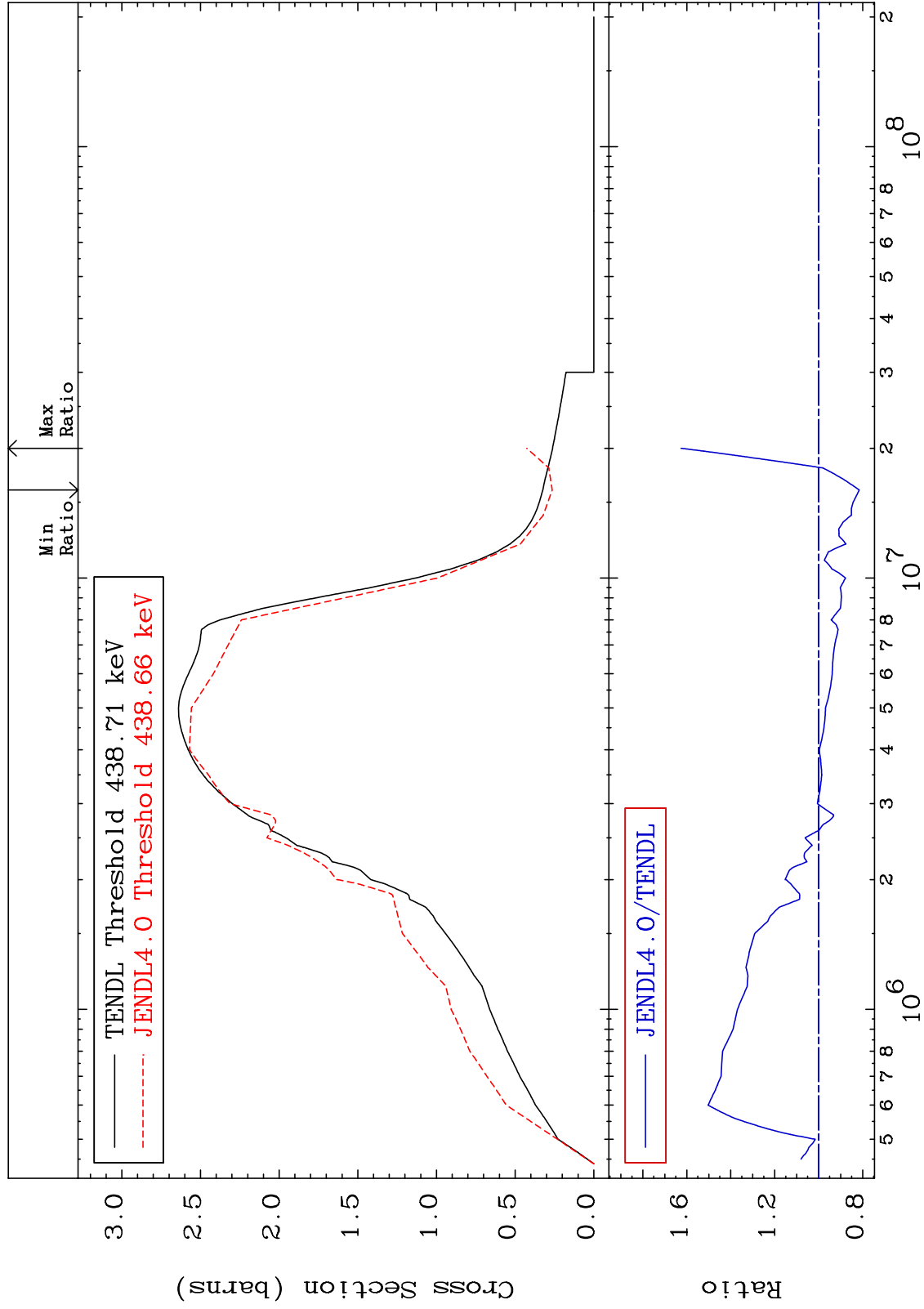
MAT 8049

Inelastic

80-Hg-204

Cross Section

-18.47 To 62.62 %



3

Incident Energy (eV)

80-Hg-204

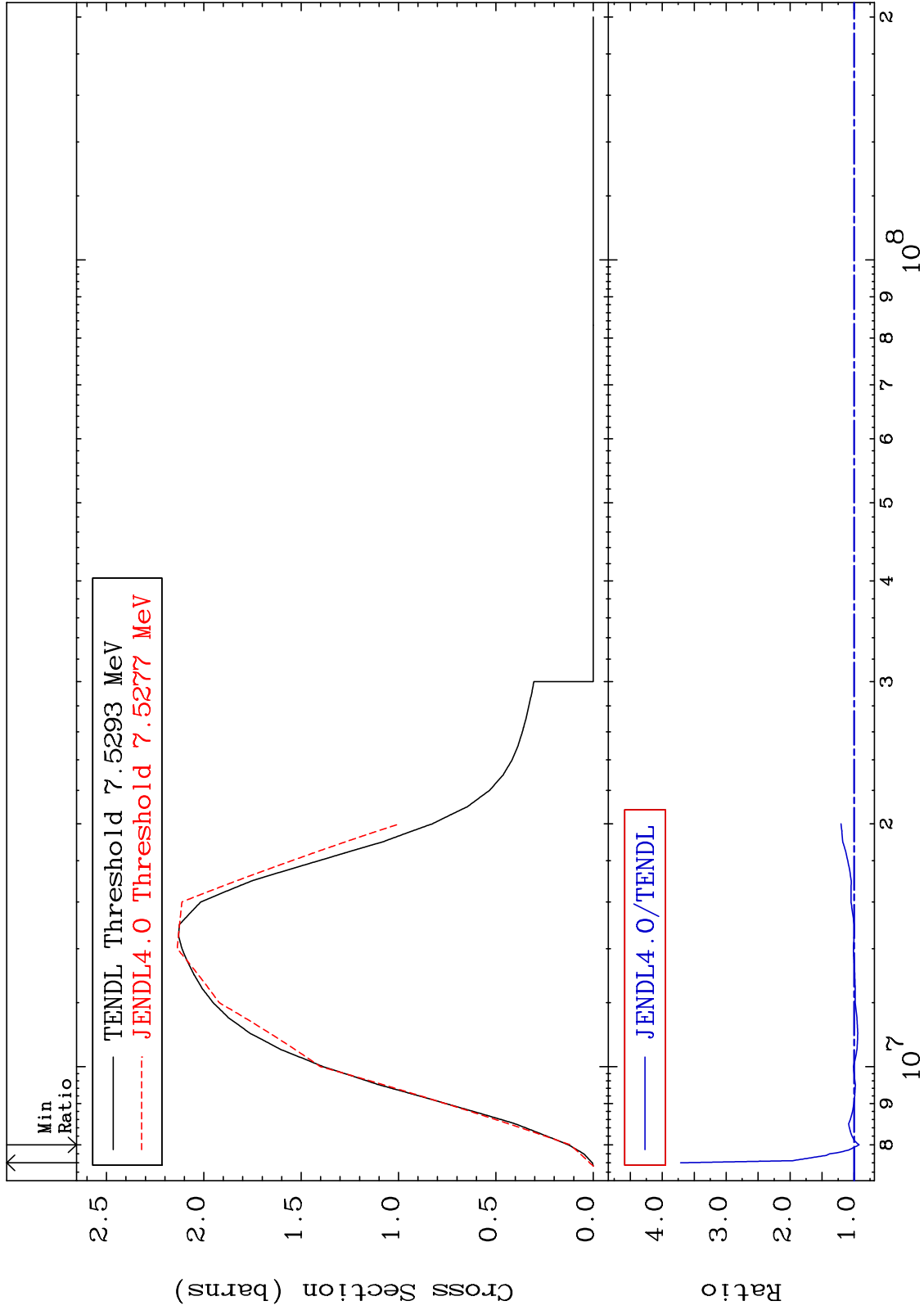
MAT 8049

(n,2n)

80-Hg-204

Cross Section

-7.965 To 271.2 %



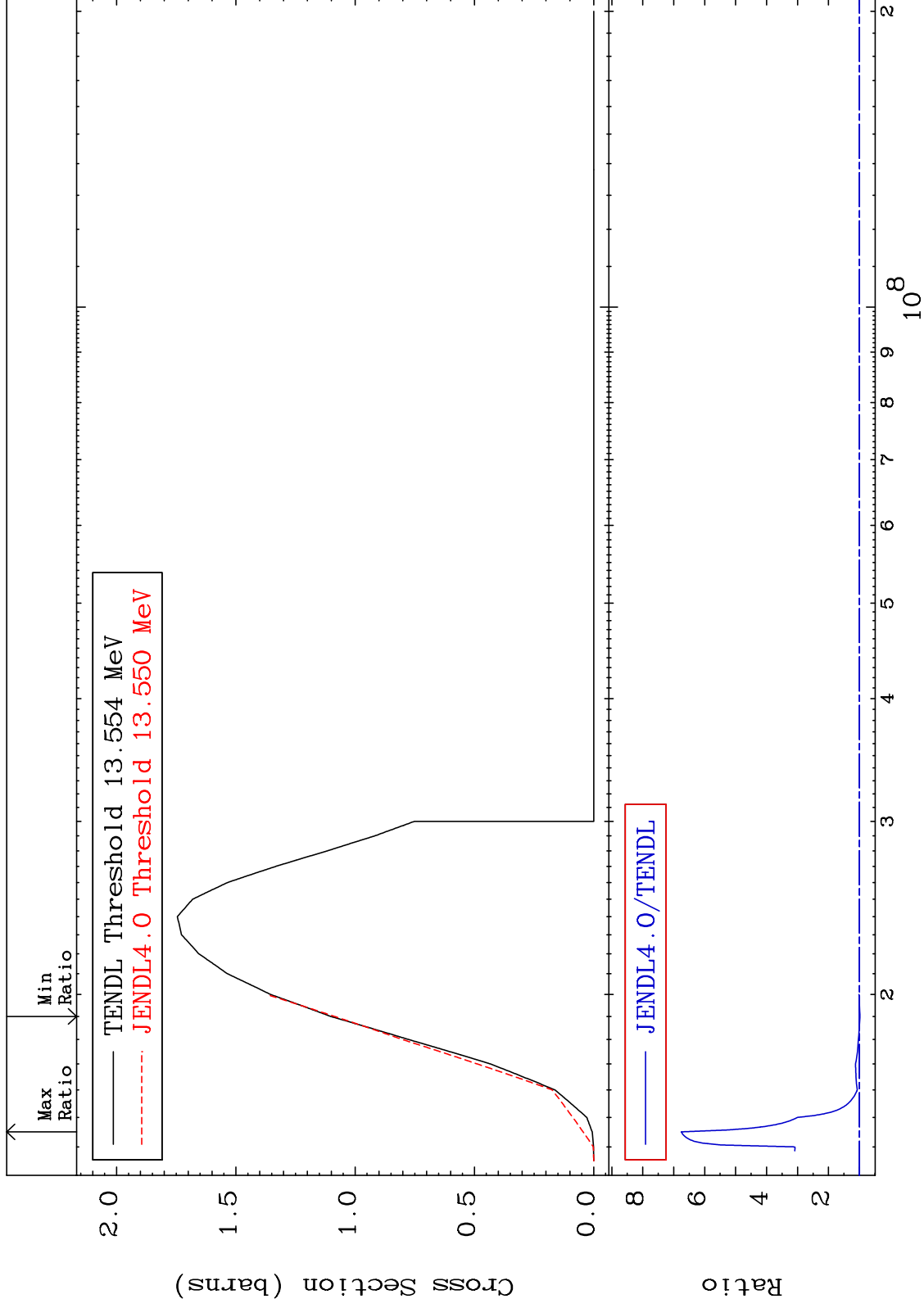
MAT 8049

(n,3n)

80-Hg-204

Cross Section

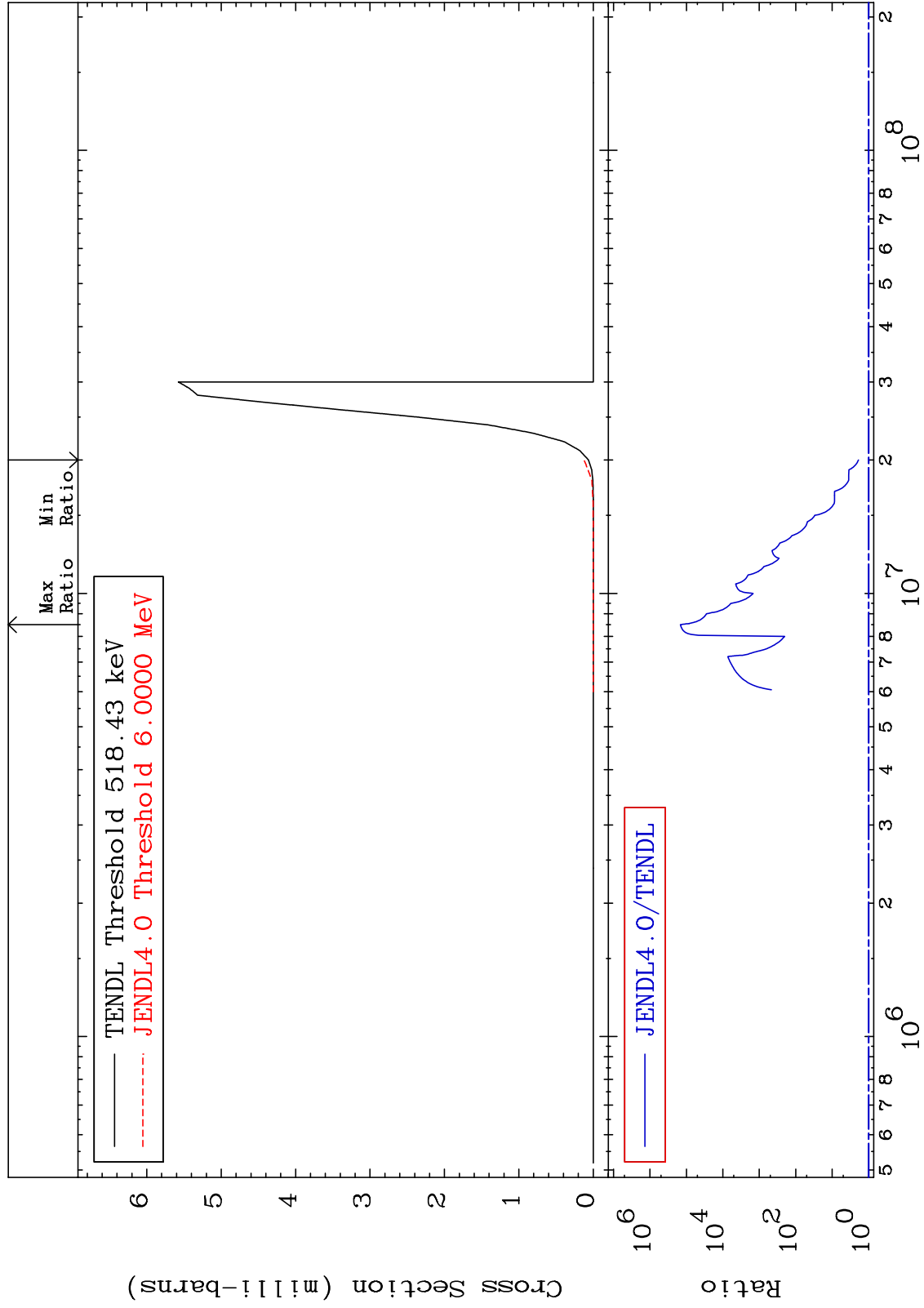
-1.492 To 575.7 %



MAT 8049

(n, n')  $\alpha$   
Cross Section

80-Hg-204  
89.65 To 9999. %



6

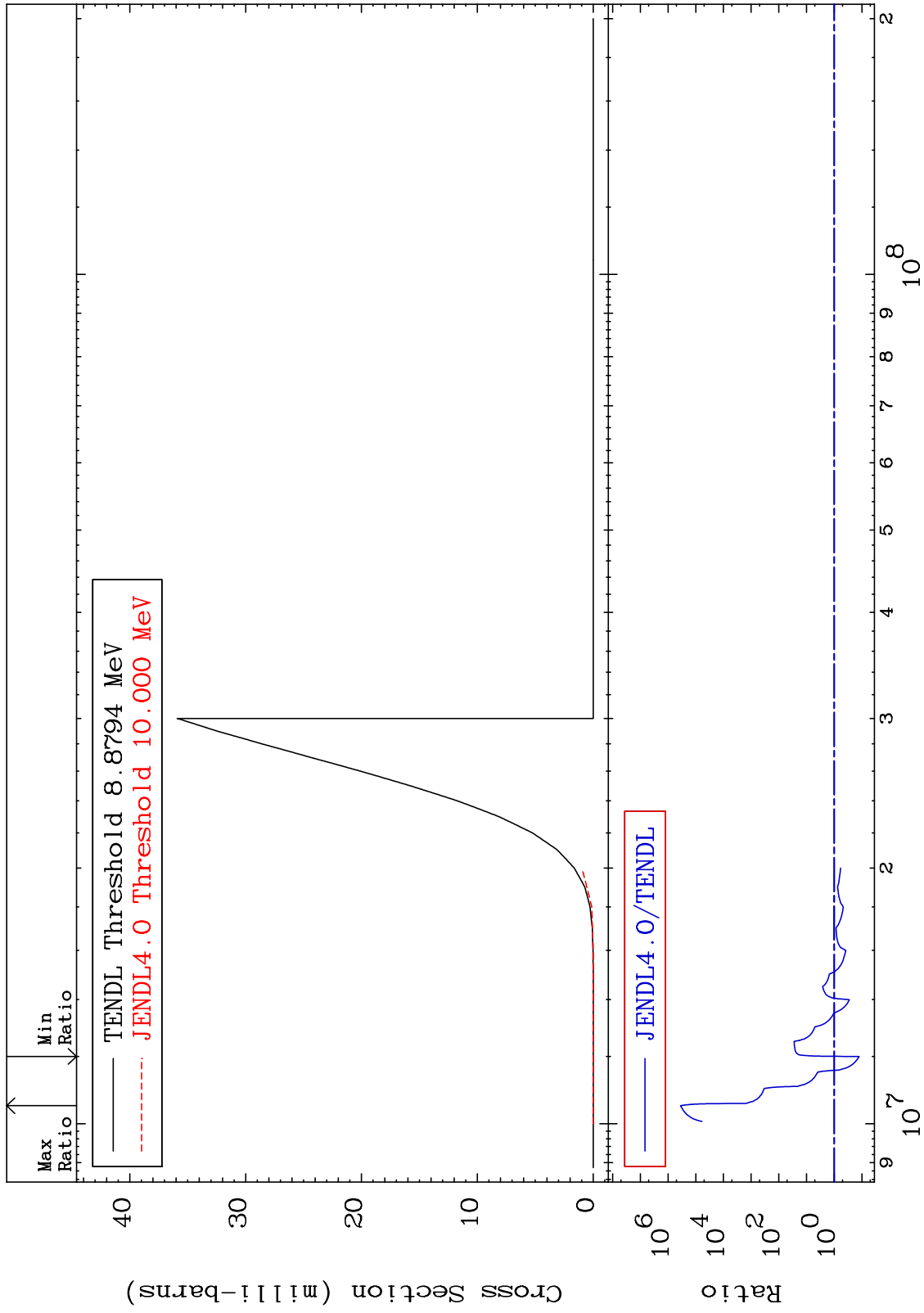
Incident Energy (eV)

80-Hg-204

MAT 8049

(n,n') p  
Cross Section

80-Hg-204  
-87.40 To 9999. %

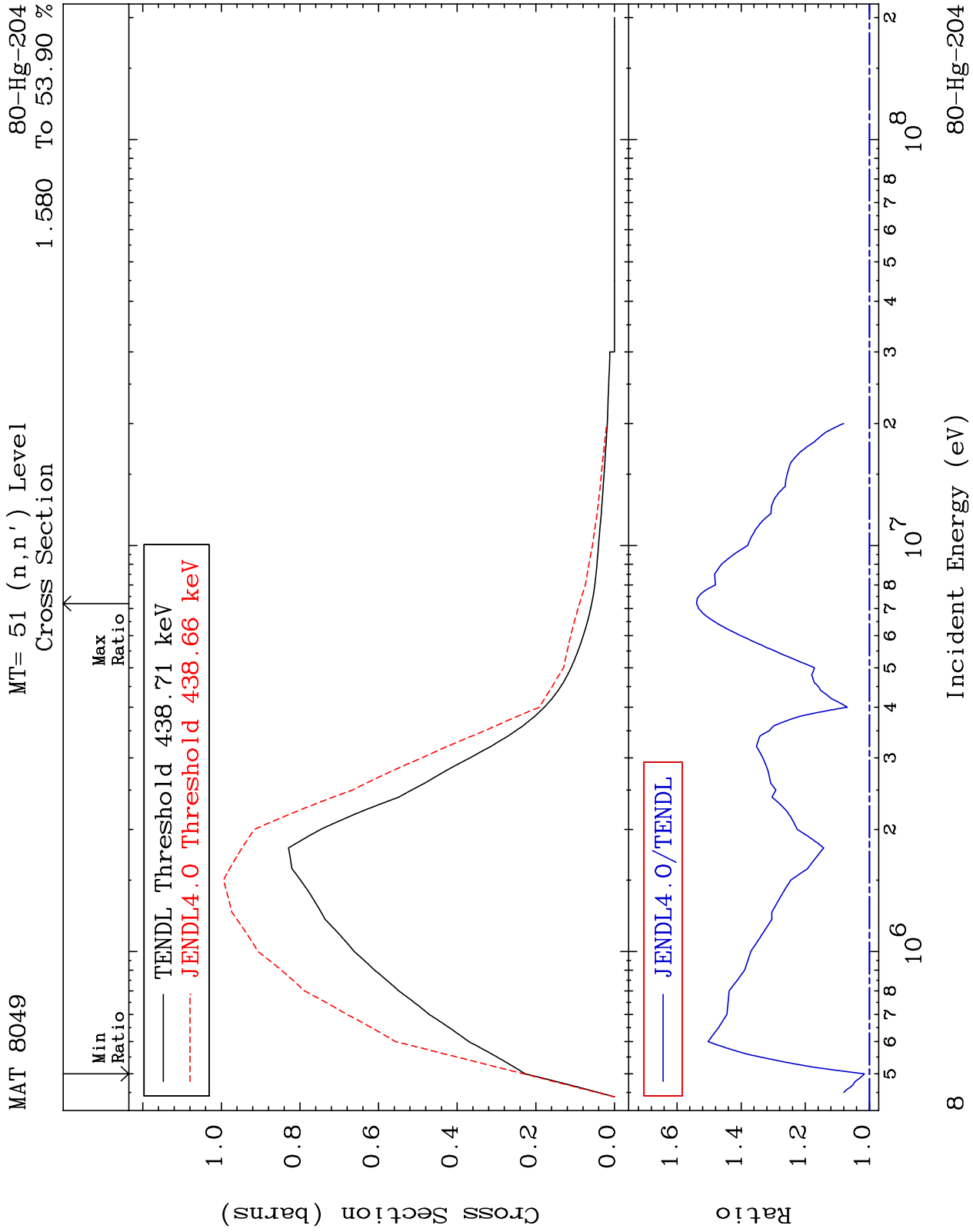


80-Hg-204

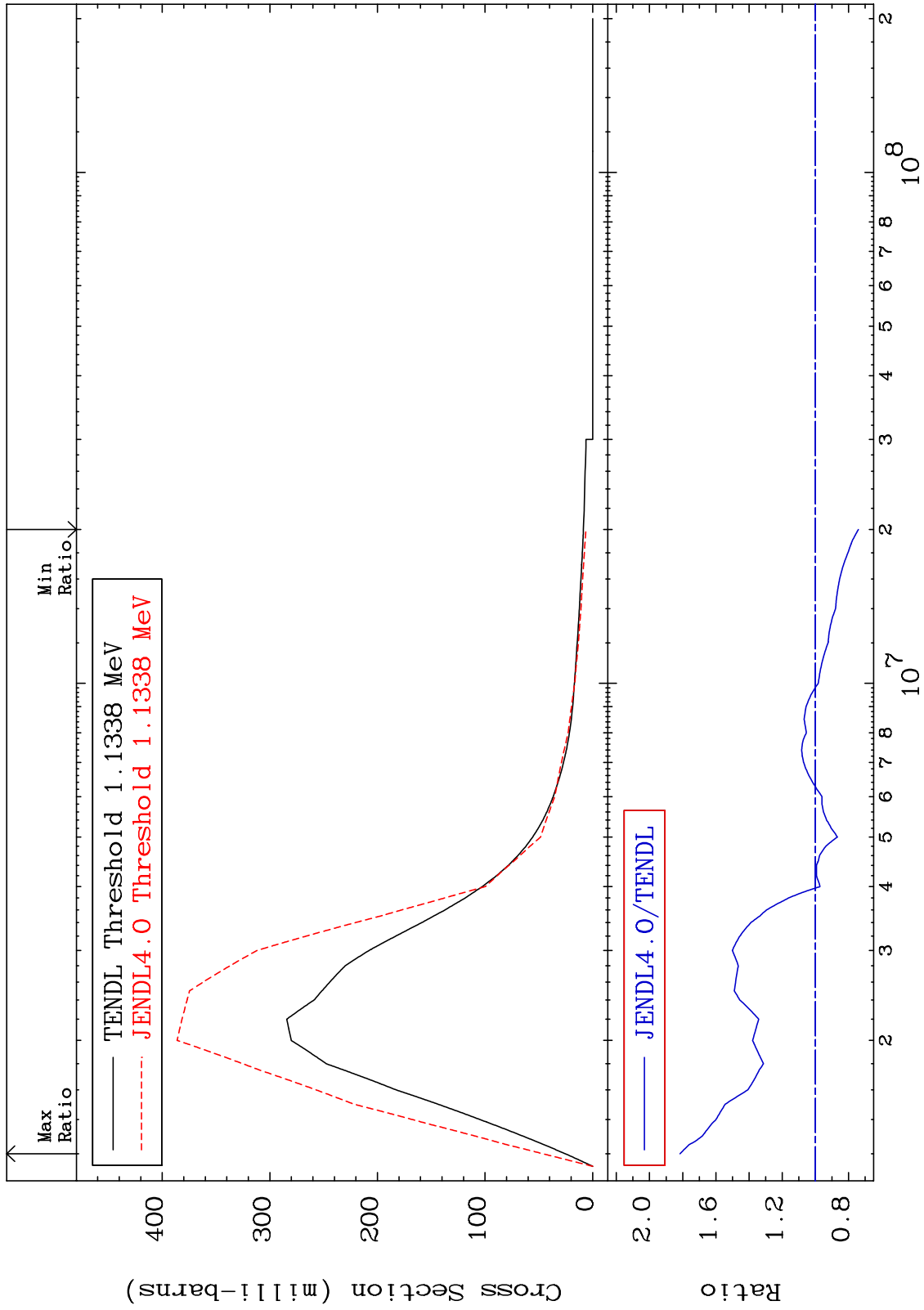
Incident Energy (eV)

7





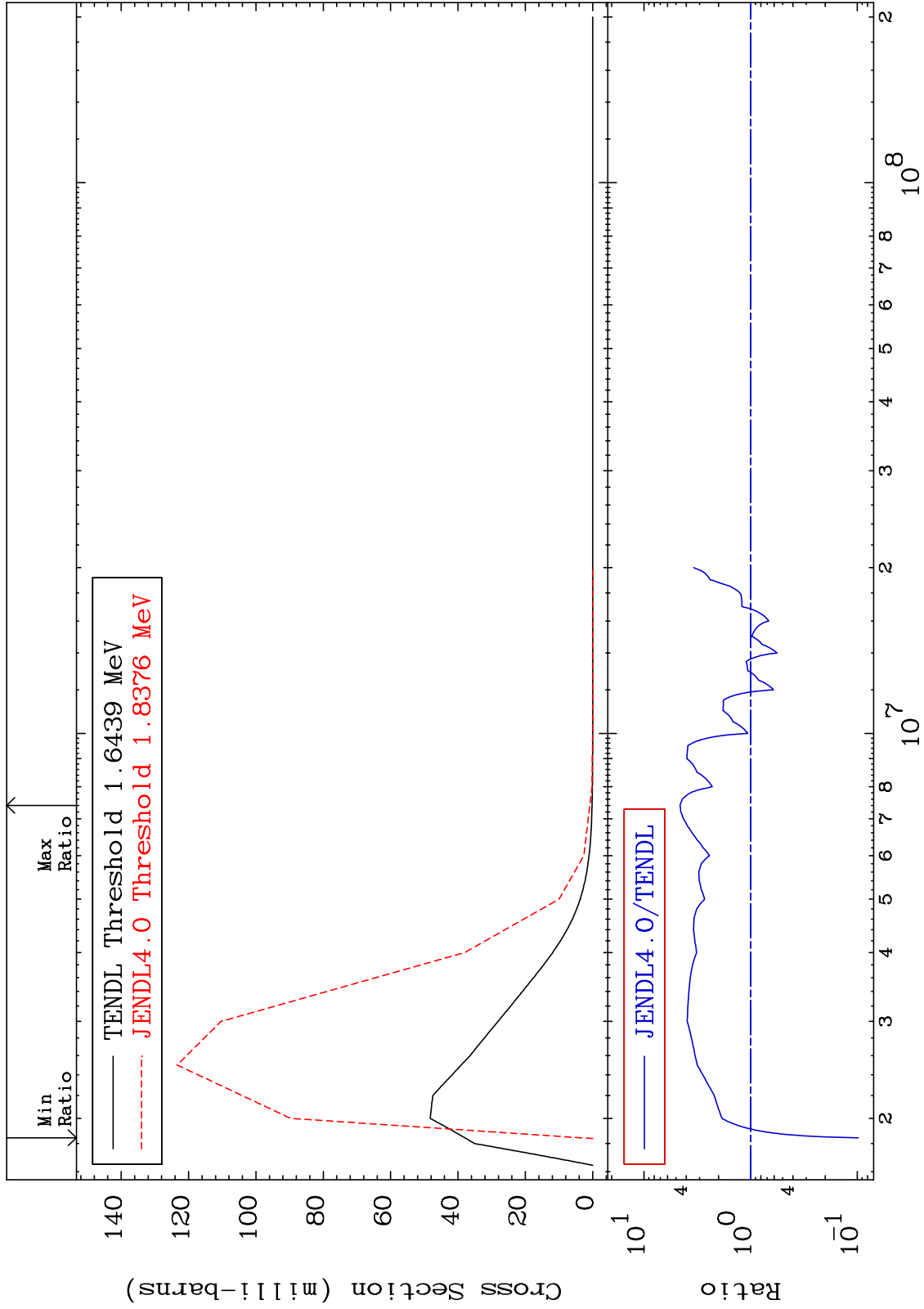
MAT 8049      MT= 52 (n,n') Level Cross Section      80-Hg-204  
 -25.92 To 81.61 %



MAT 8049

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

80-Hg-204  
-90.25 To 358.5 %

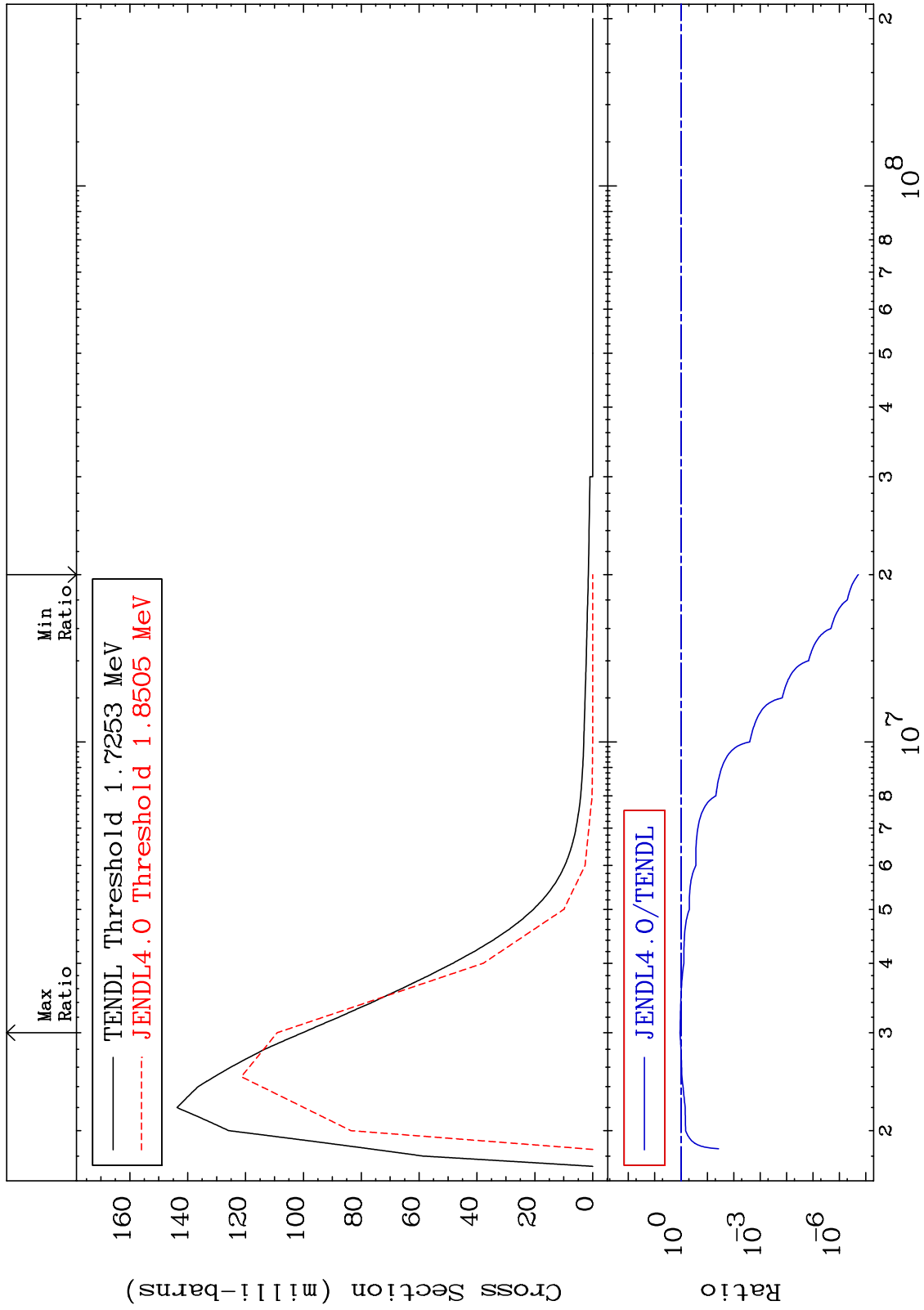


10

Incident Energy (eV)

80-Hg-204

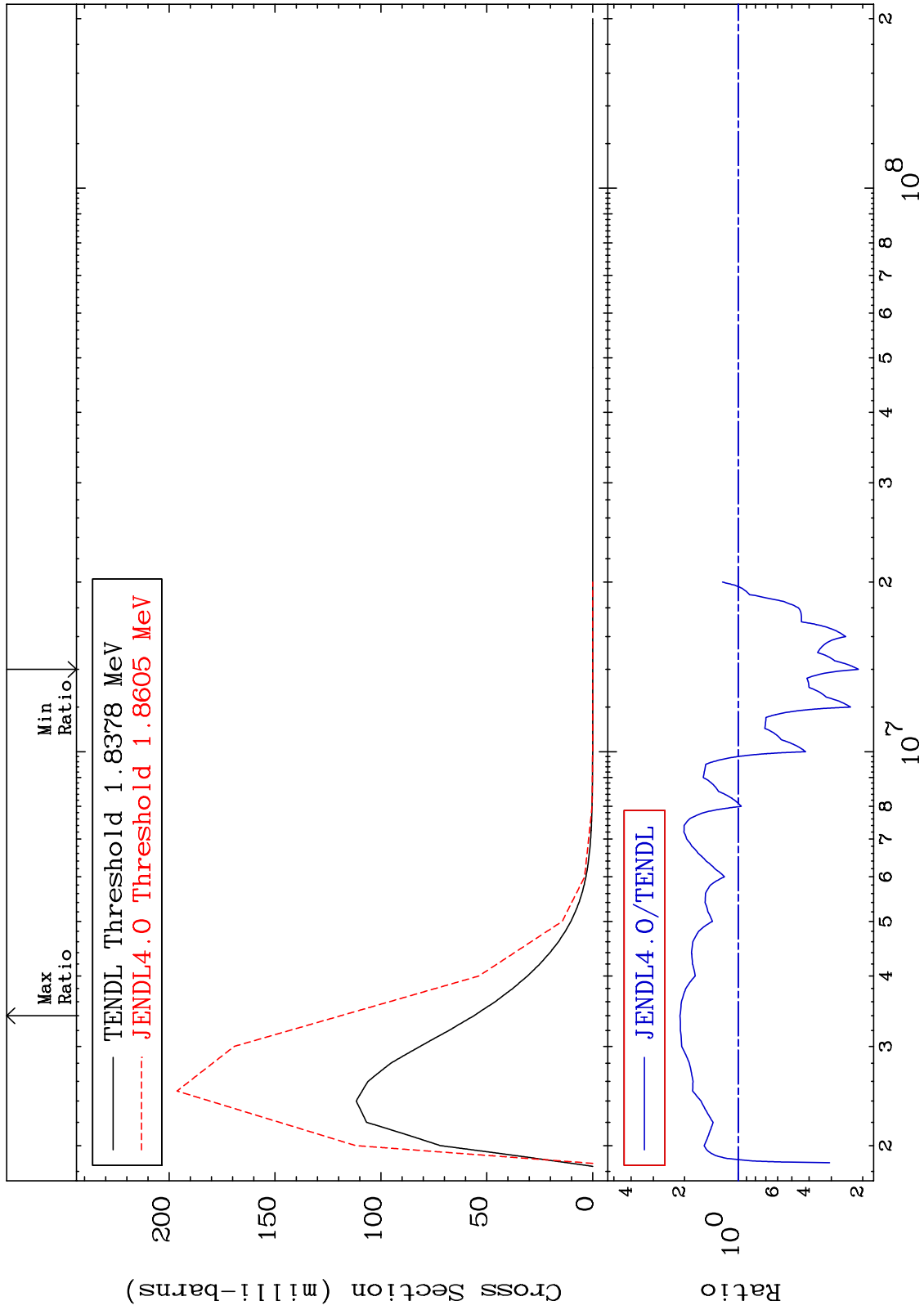
MAT 8049 MT= 54 (n,n') Level Cross Section 80-Hg-204  
 -100.0 To 8.773 %



MAT 8049

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

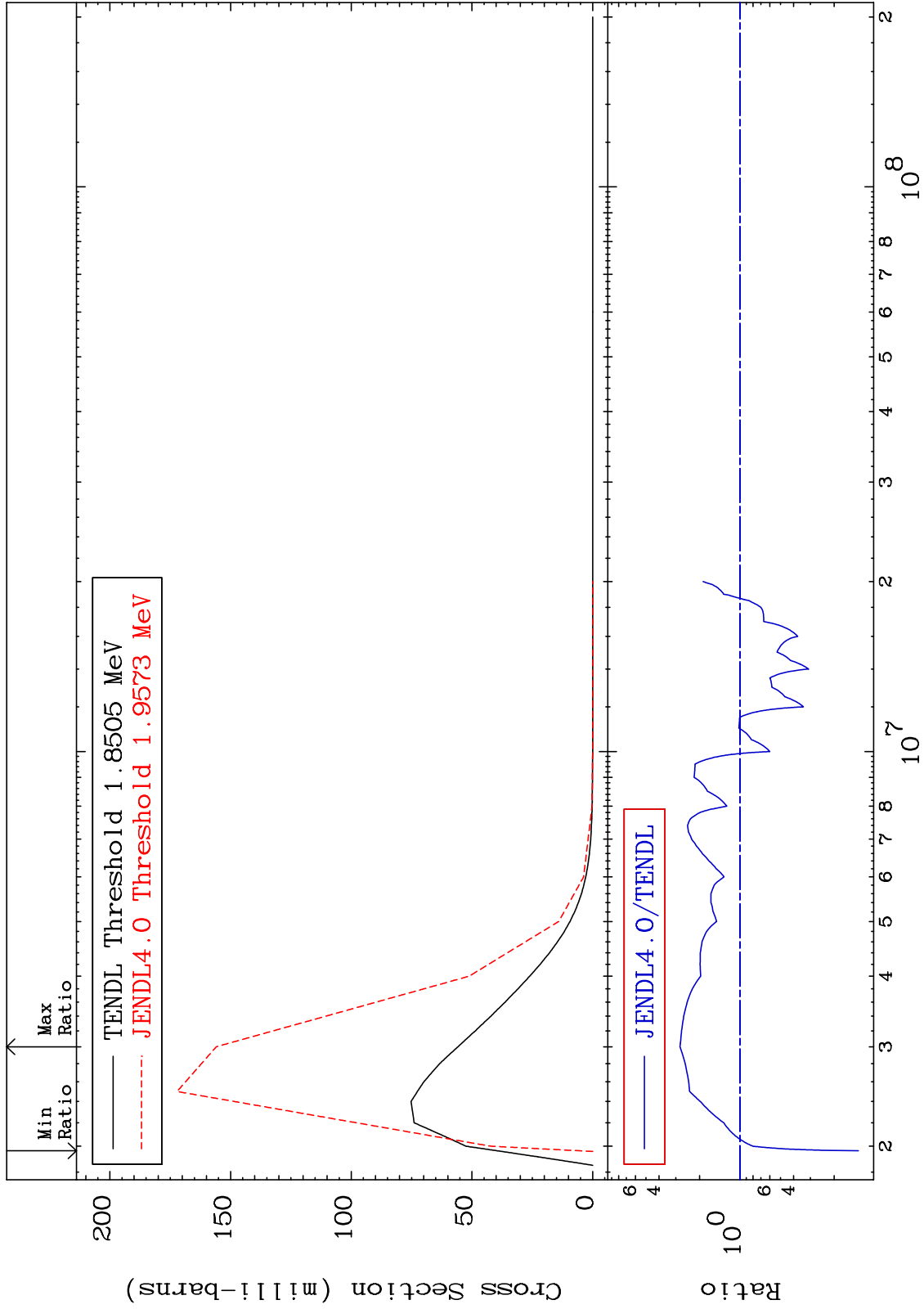
80-Hg-204  
-78.87 To 112.3 %



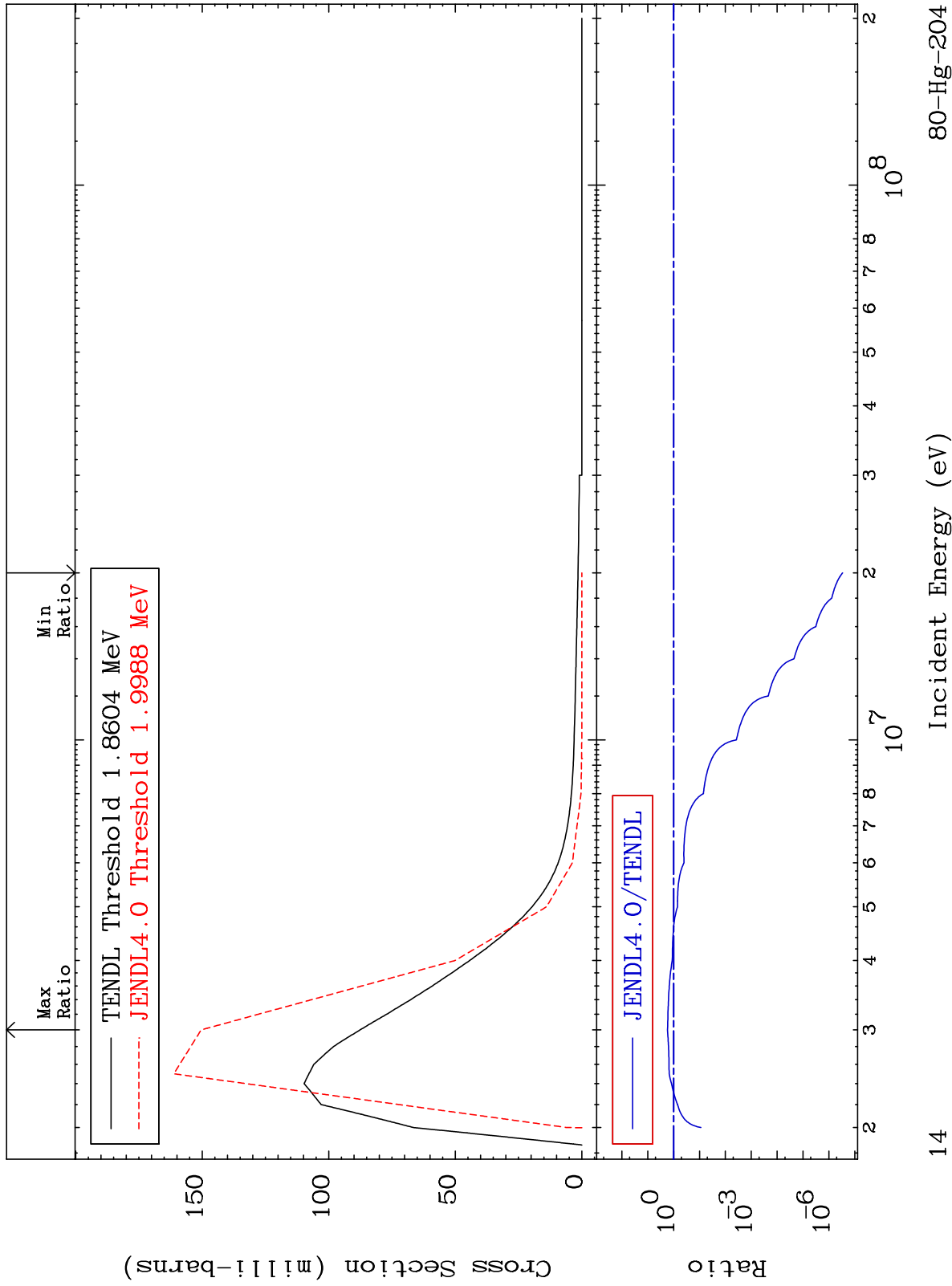
MAT 8049

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

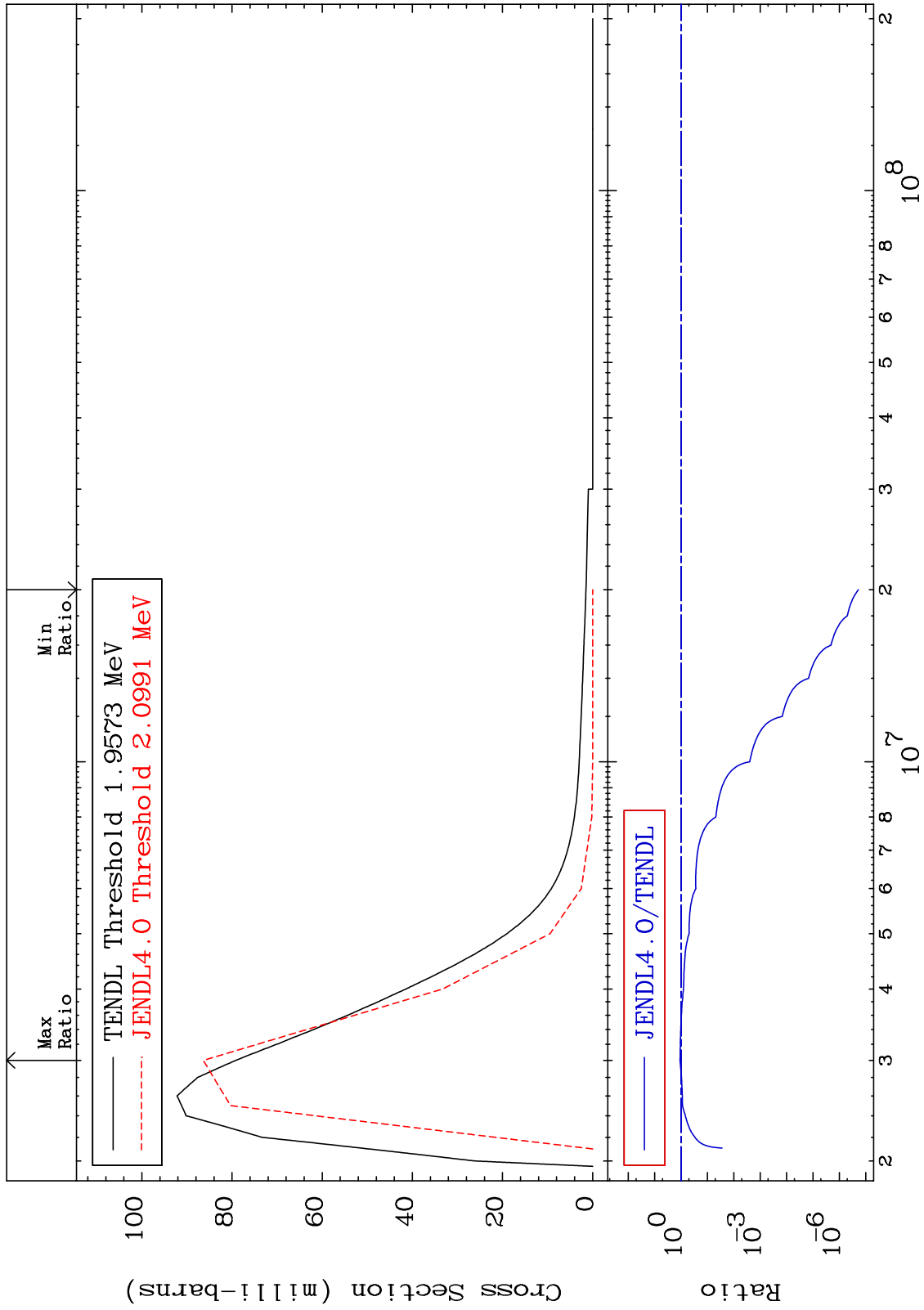
80-Hg-204  
-86.82 To 179.4 %



MAT 8049      MT= 57 (n,n') Level Cross Section      80-Hg-204  
 -100.0 To 71.72 %



MAT 8049      MT= 58 (n,n') Level Cross Section      80-Hg-204  
 -100.0 To 9.098 %

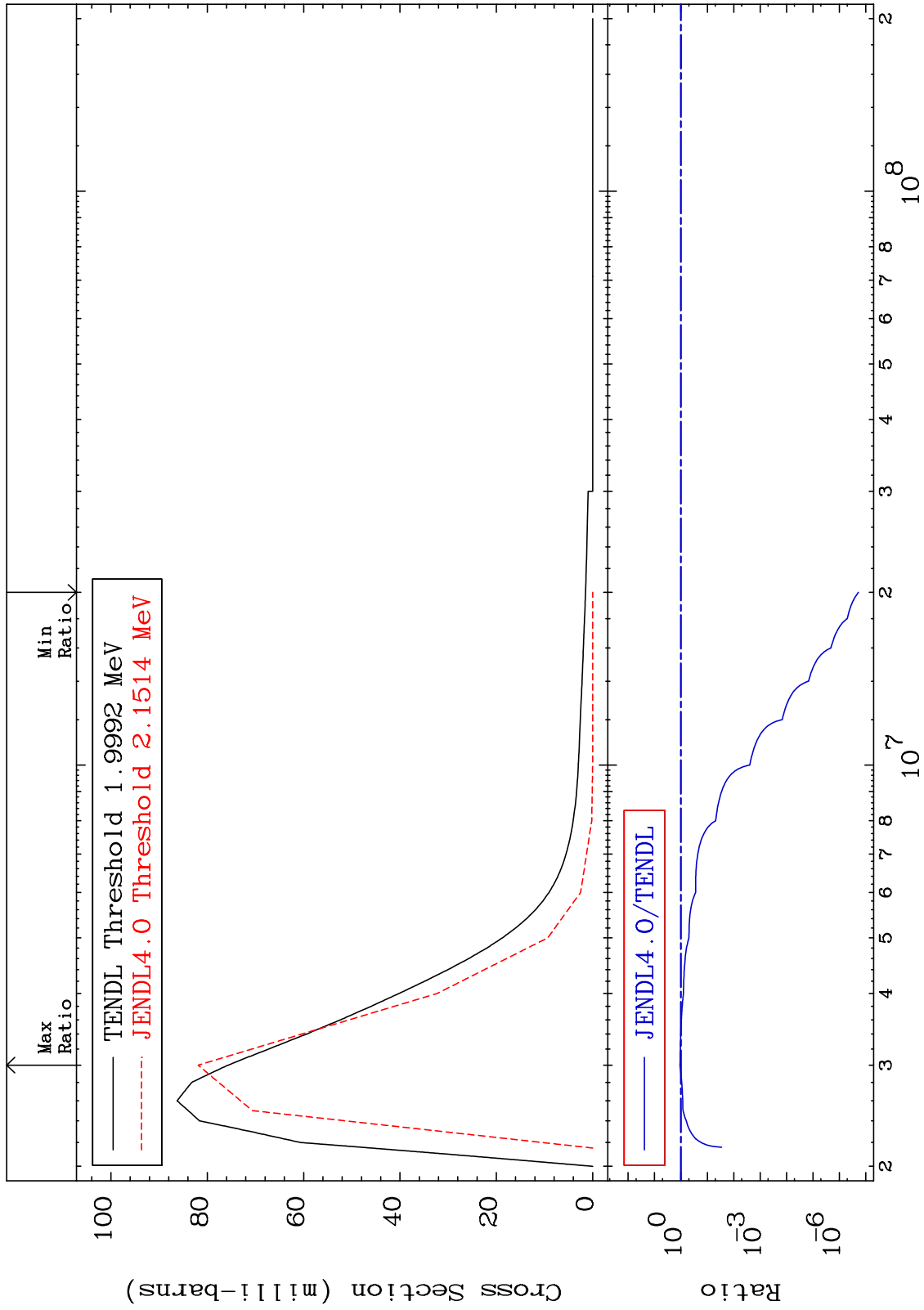




MAT 8049

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

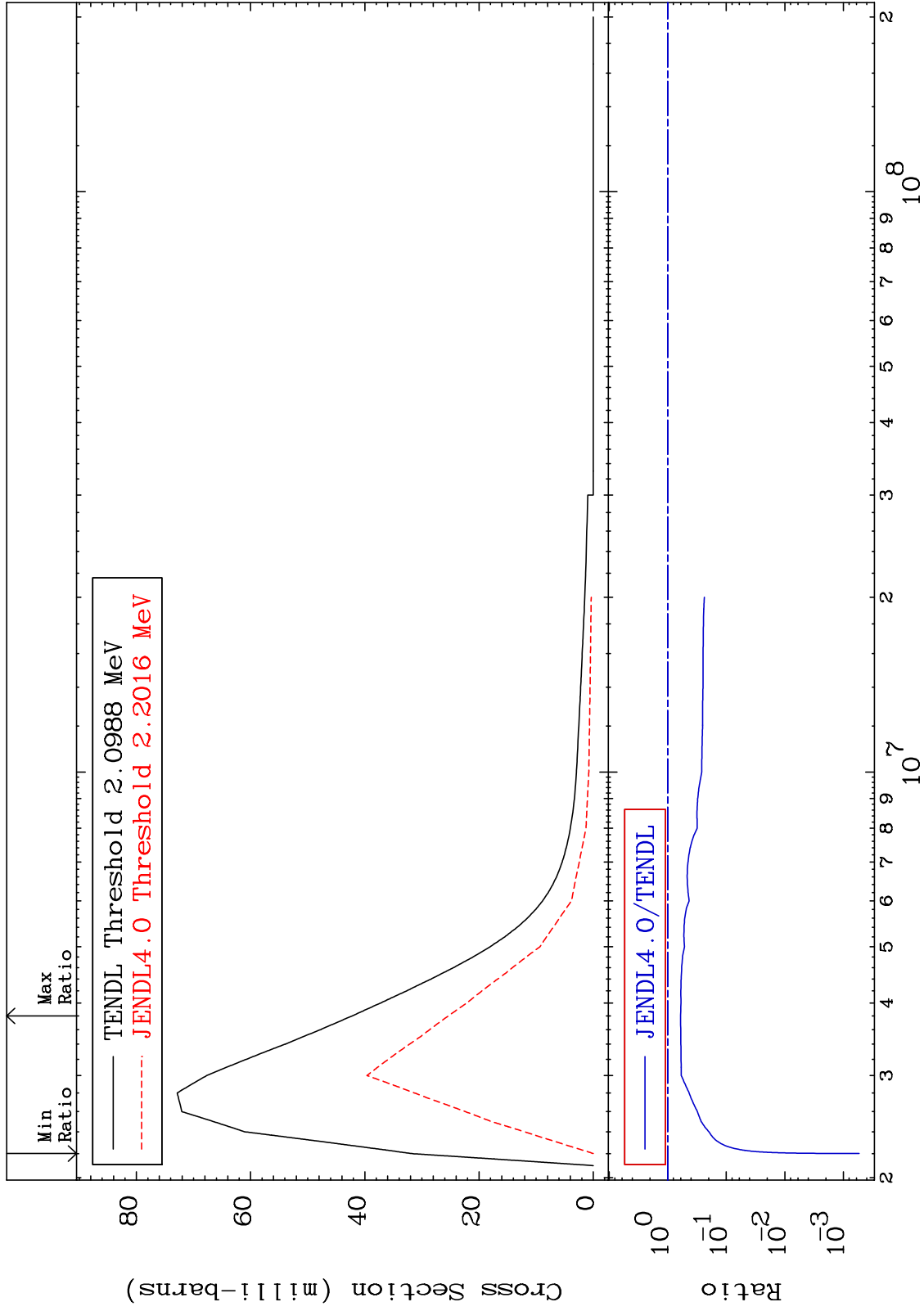
80-Hg-204  
-100.0 To 8.214 %



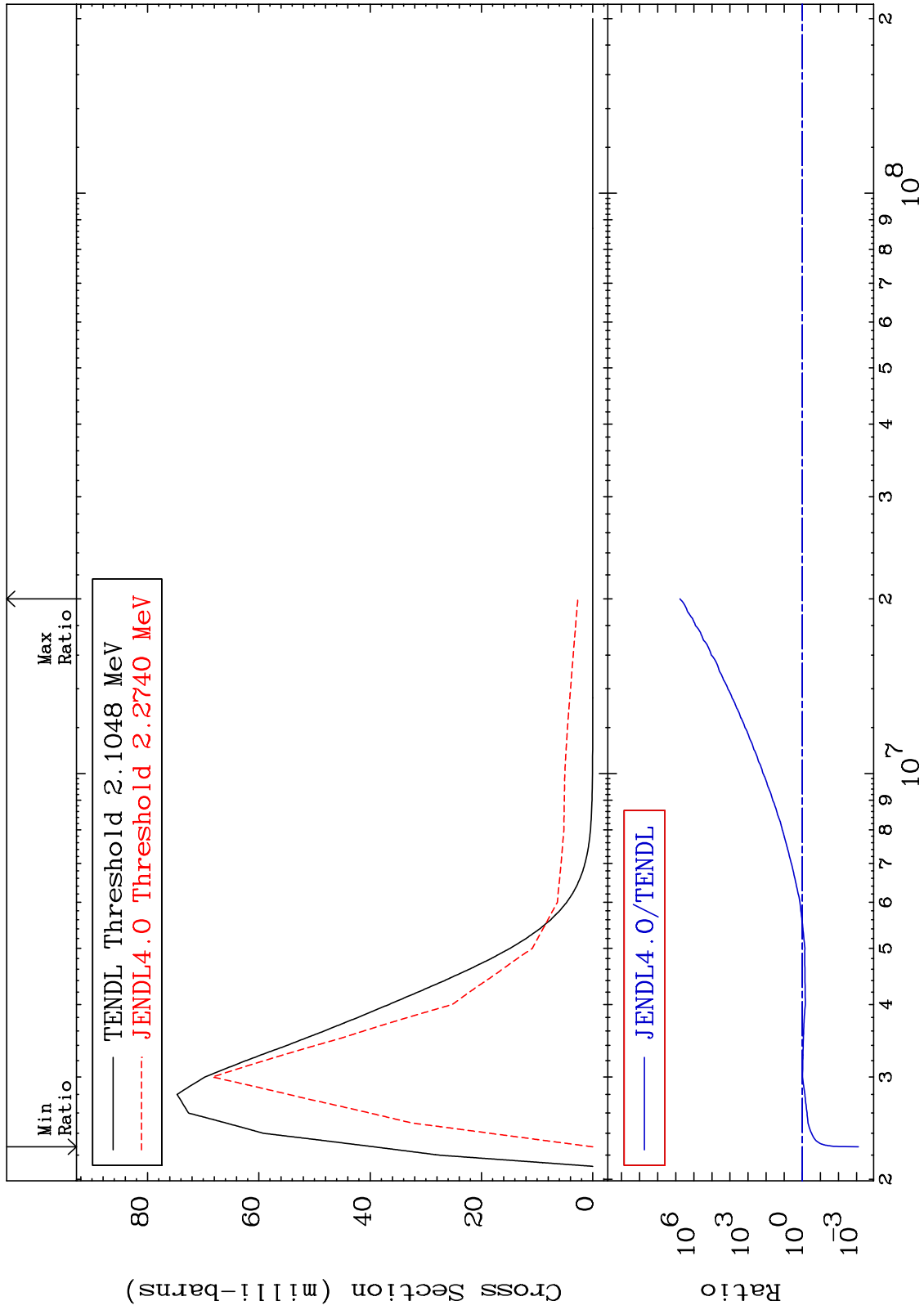
MAT 8049

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

80-Hg-204  
-99.95 To -39.87%



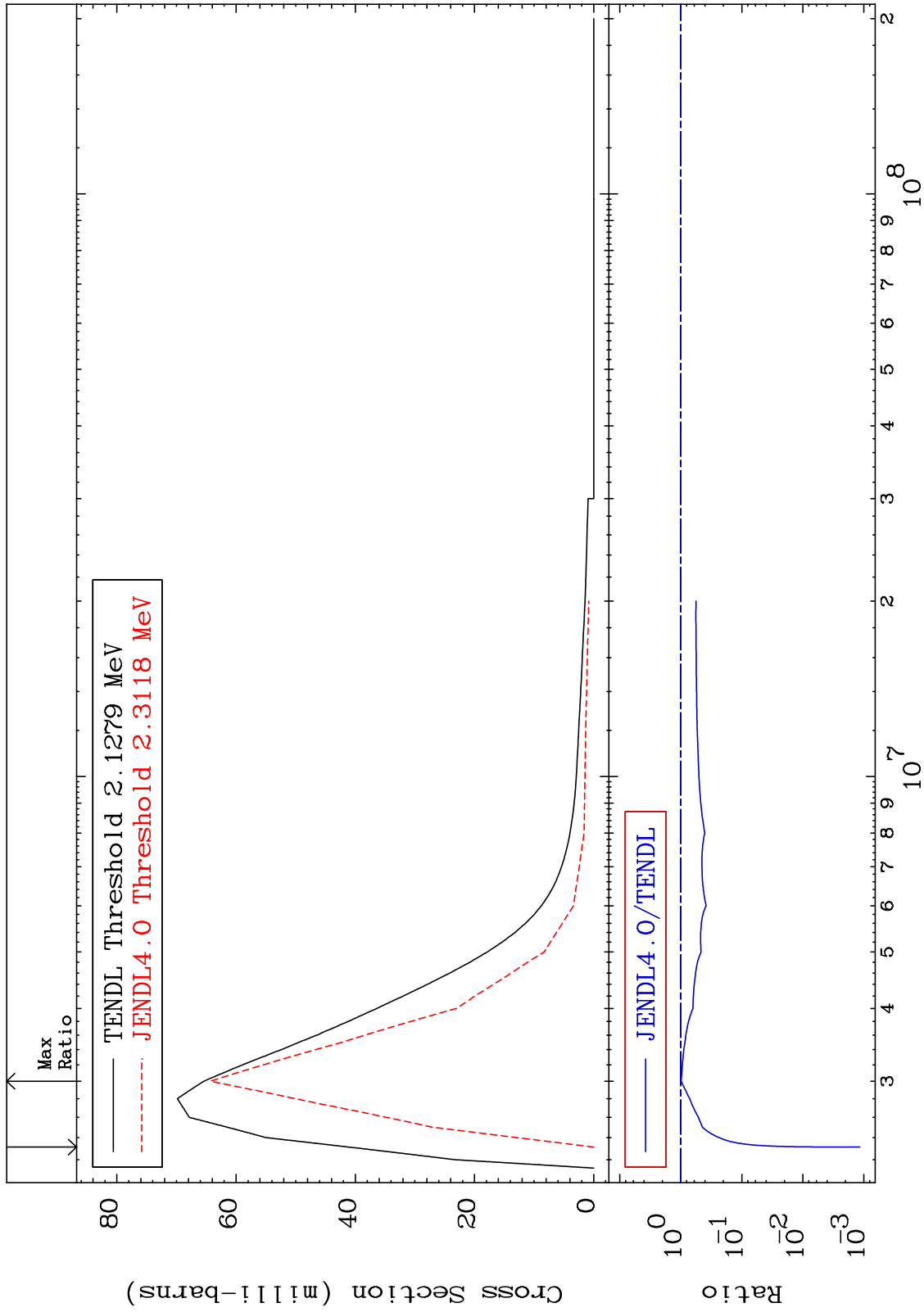
MAT 8049      MT= 61 (n,n') Level Cross Section      80-Hg-204  
 -99.92 To 9999. %

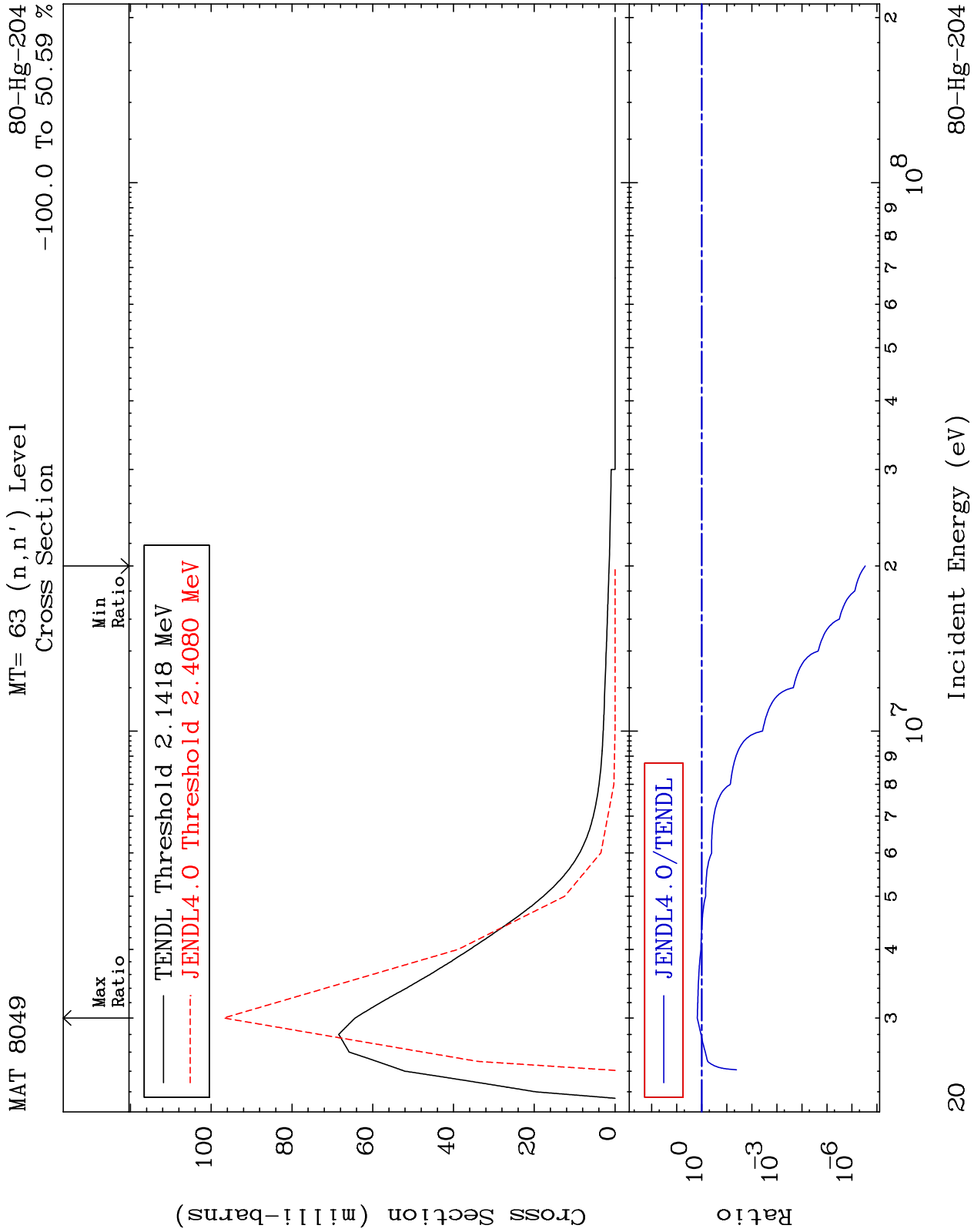


MAT 8049

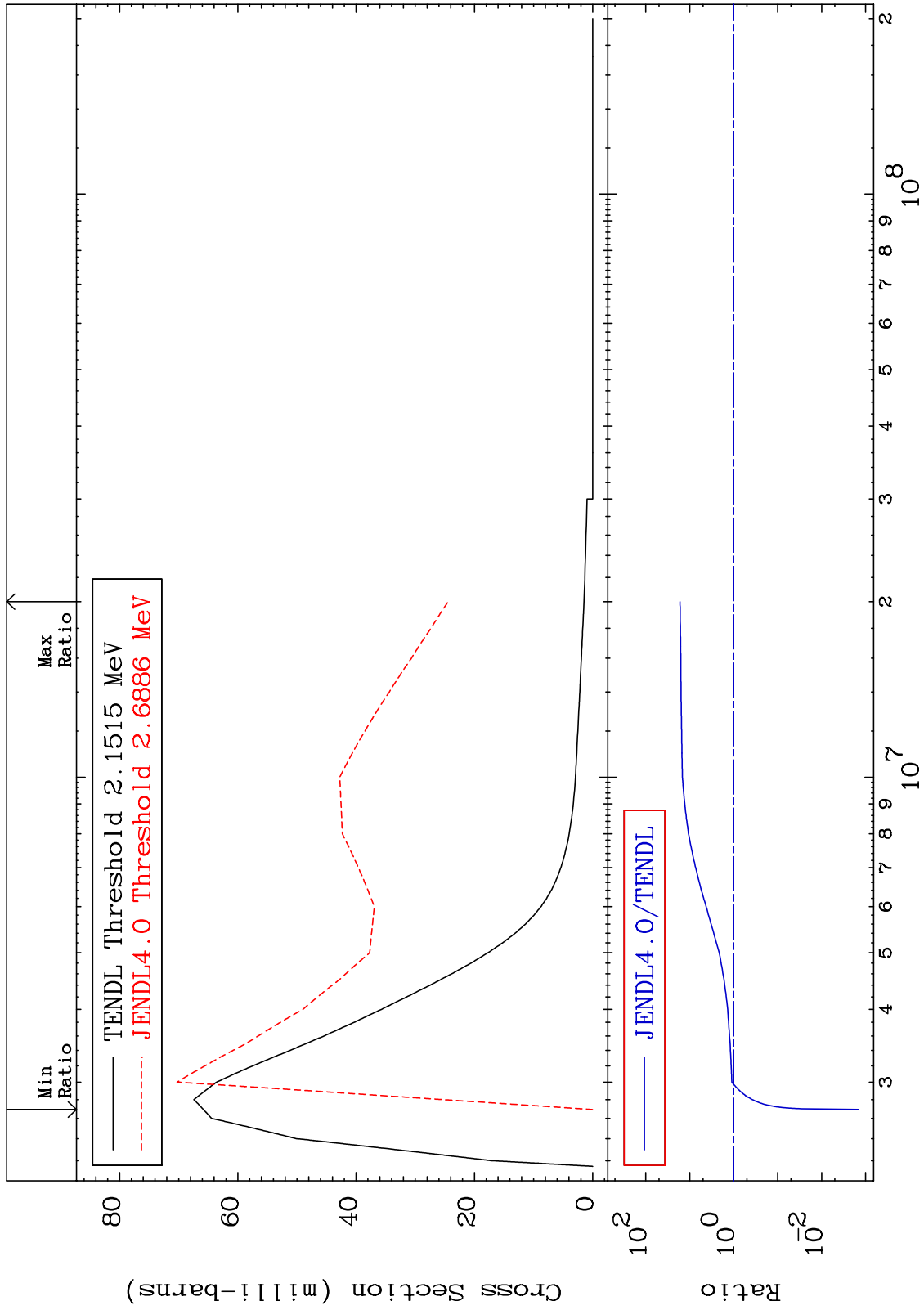
MT= 62 (n,n') Level  
Cross Section

80-Hg-204  
-99.88 To -1.681%

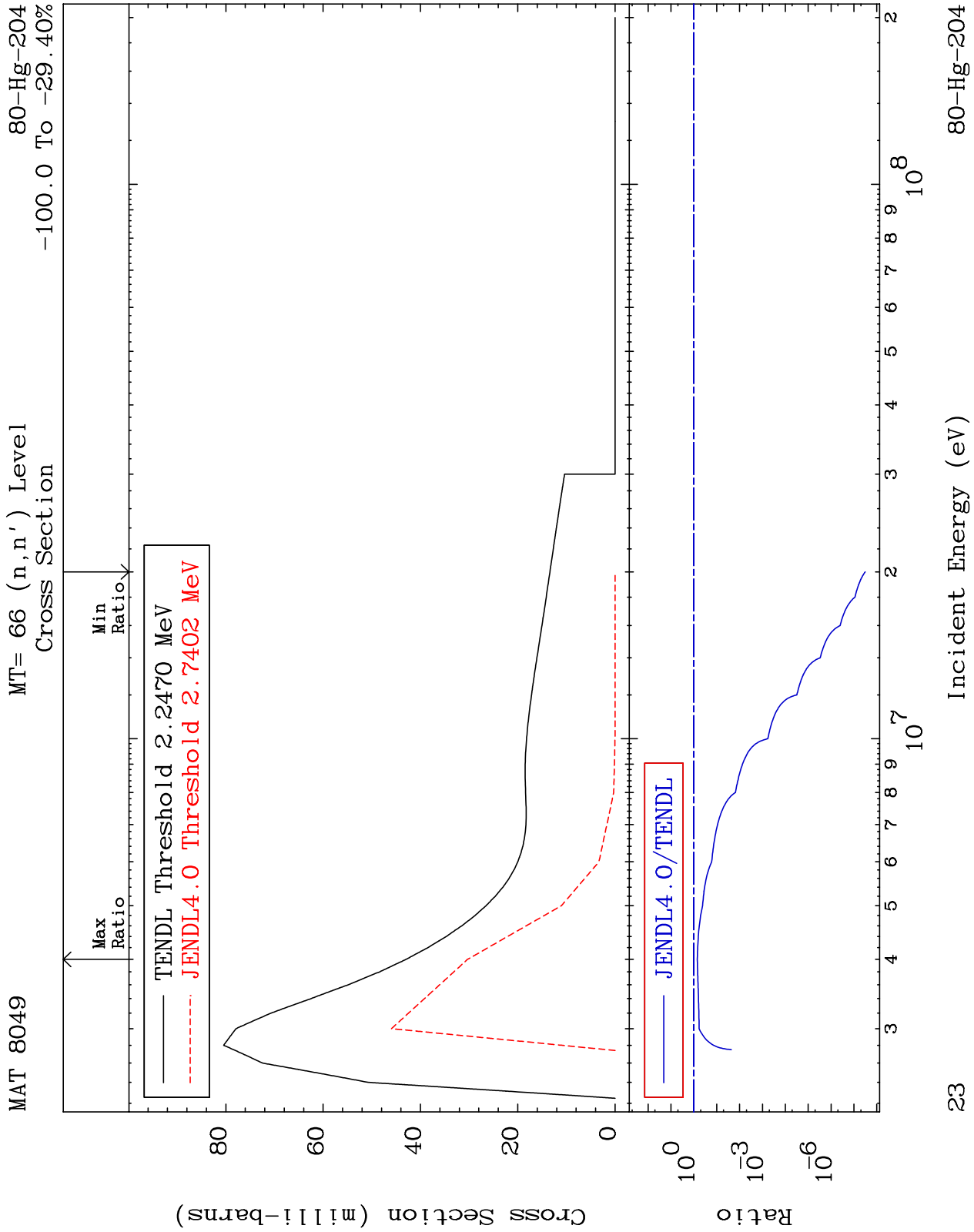




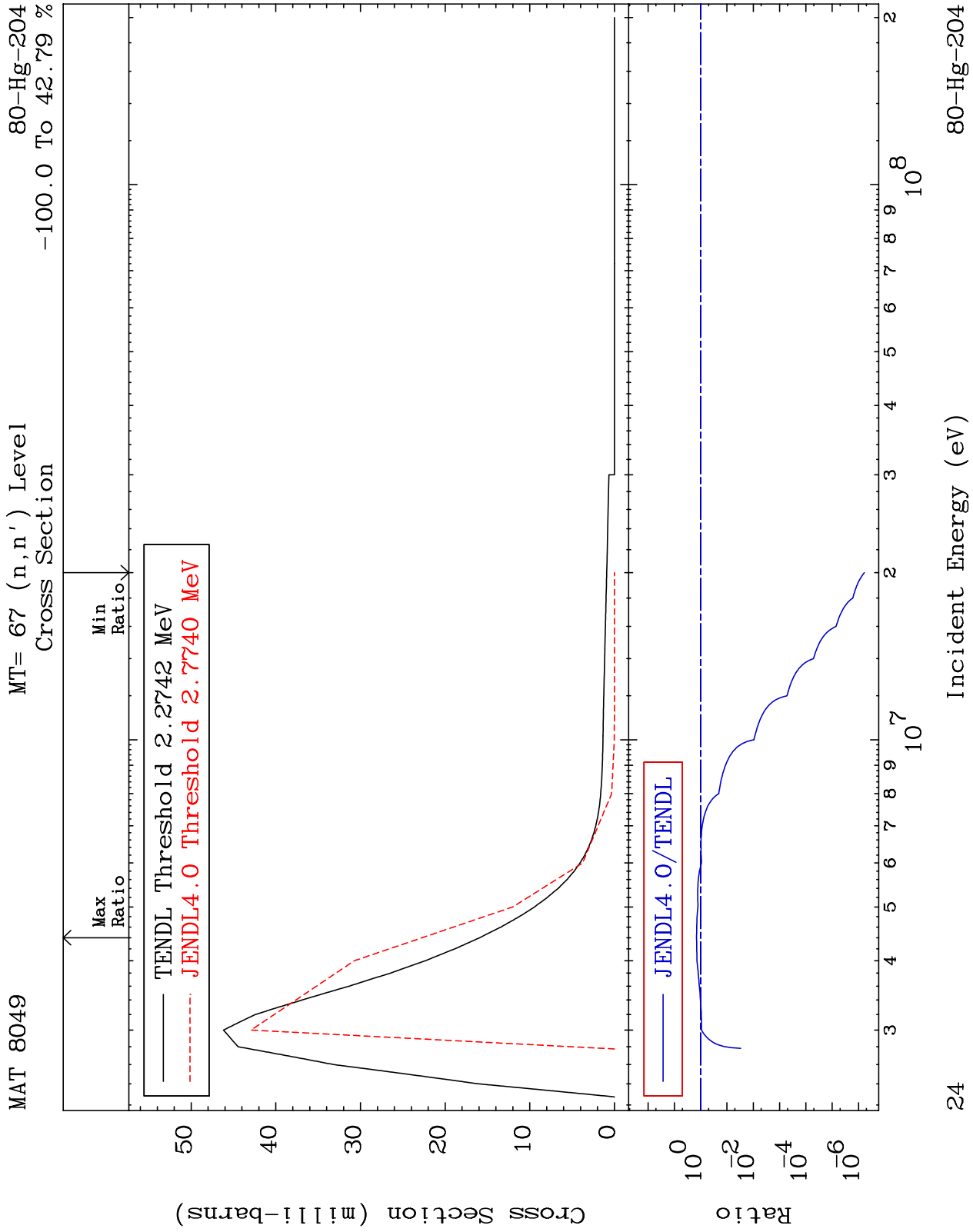
MAT 8049      MT= 64 (n,n') Level Cross Section      80-Hg-204  
 -99.85 To 1563. %



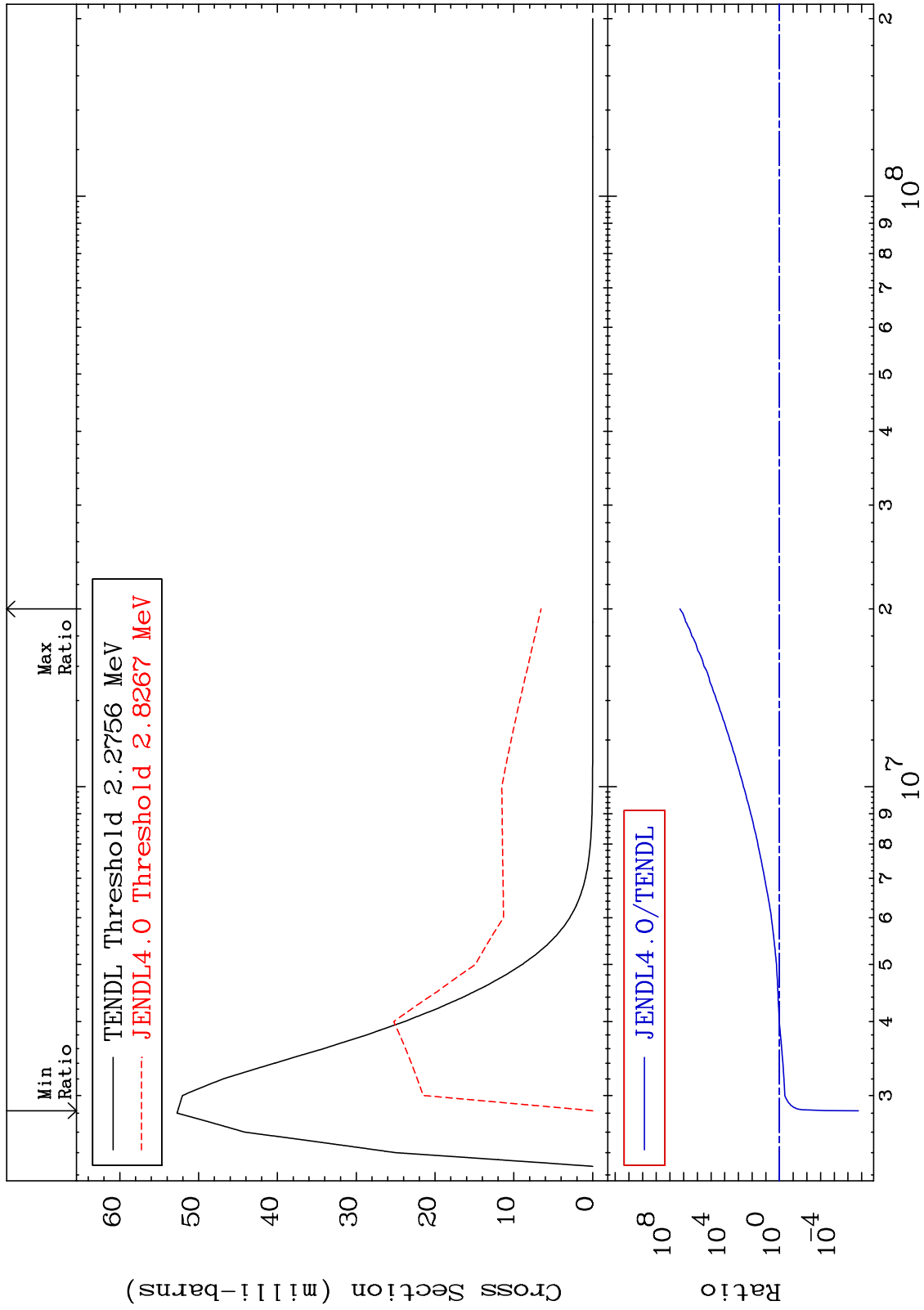








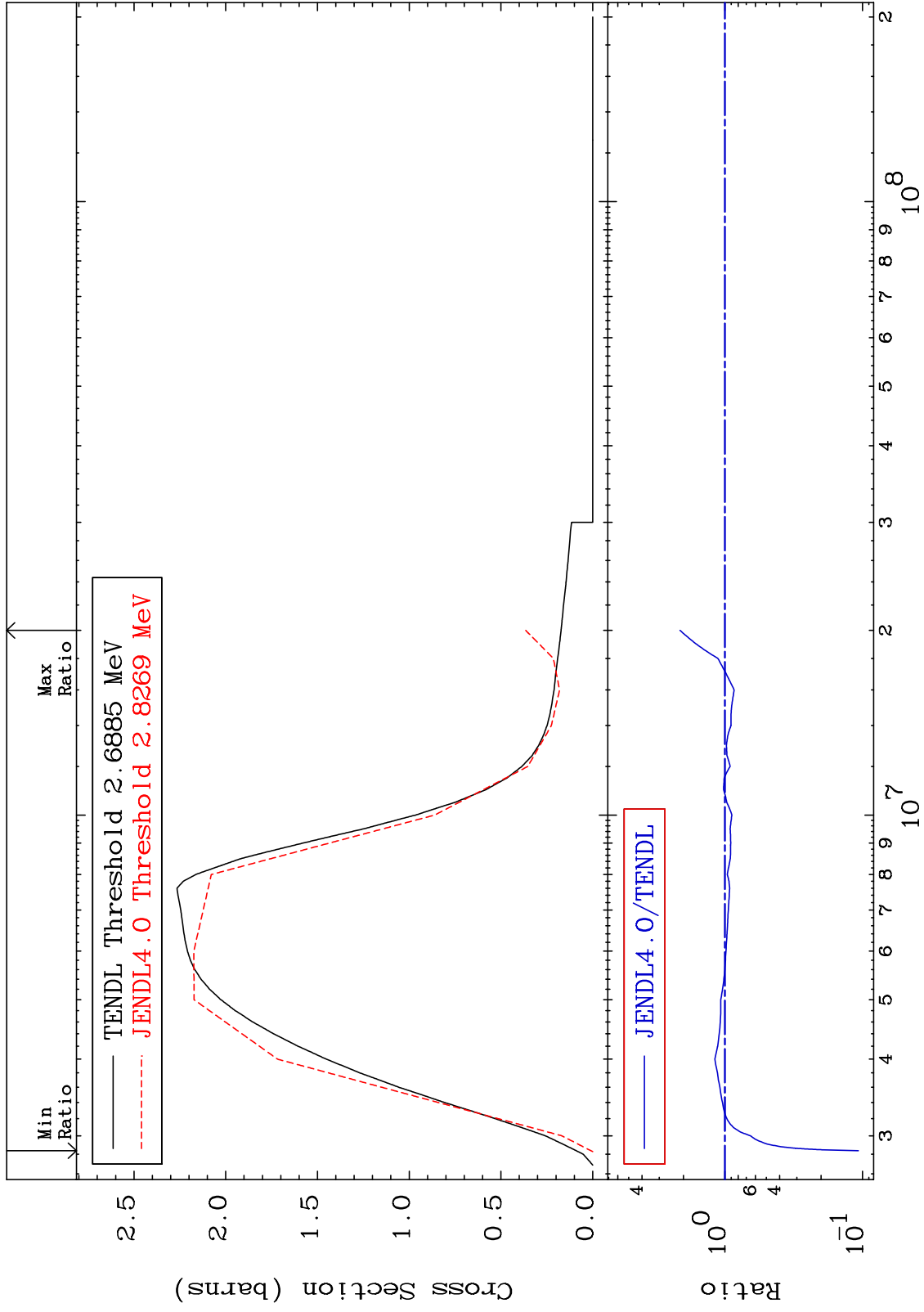
MAT 8049      MT= 68 (n,n') Level      80-Hg-204  
 Cross Section      -100.0 To 9999. %



MAT 8049

(n, n') Continuum  
Cross Section

80-Hg-204  
-89.27 To 112.0 %

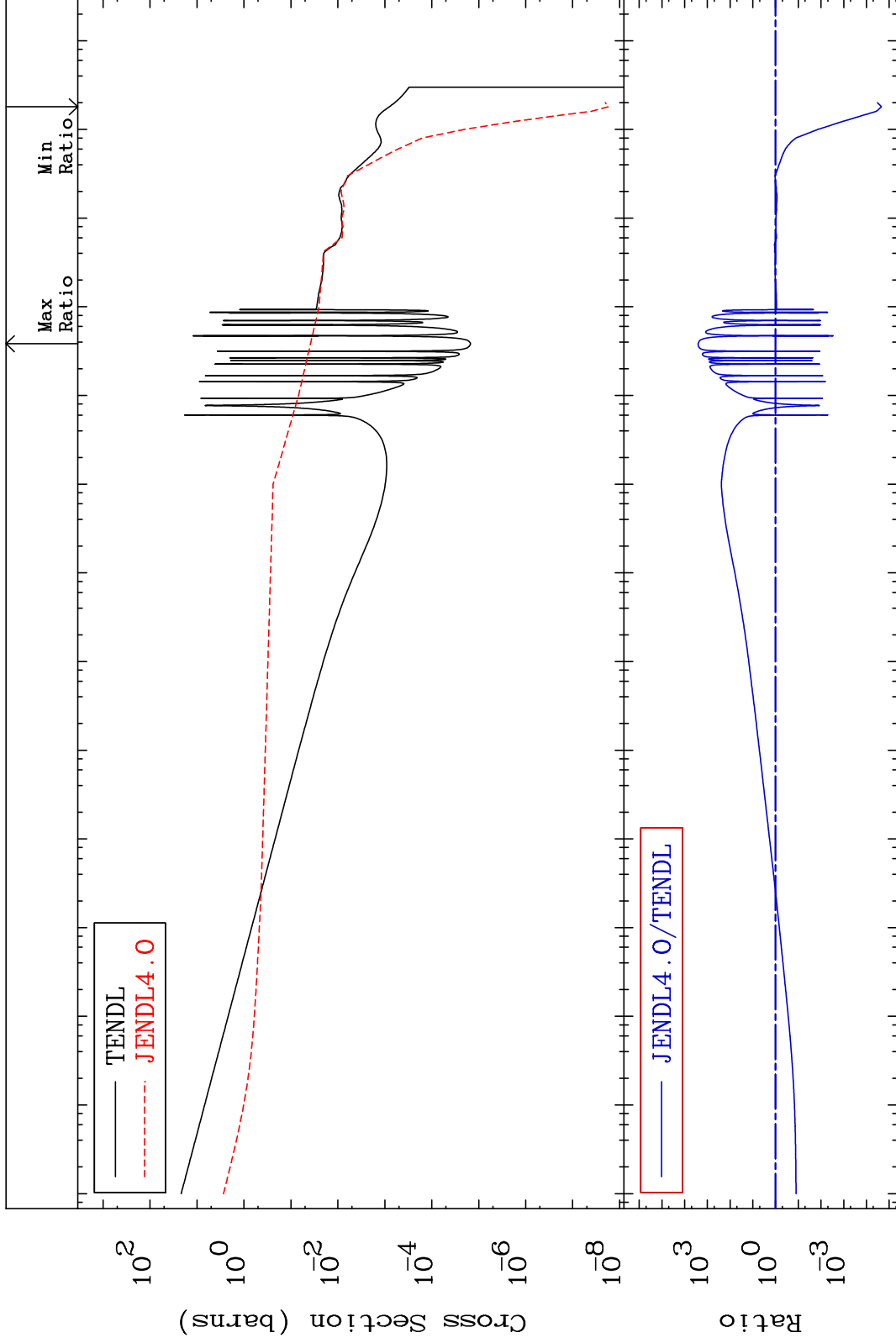


MAT 8049

(n,  $\gamma$ )

80-Hg-204  
-100.0 To 9999. %

Cross Section



27

Incident Energy (eV)

80-Hg-204

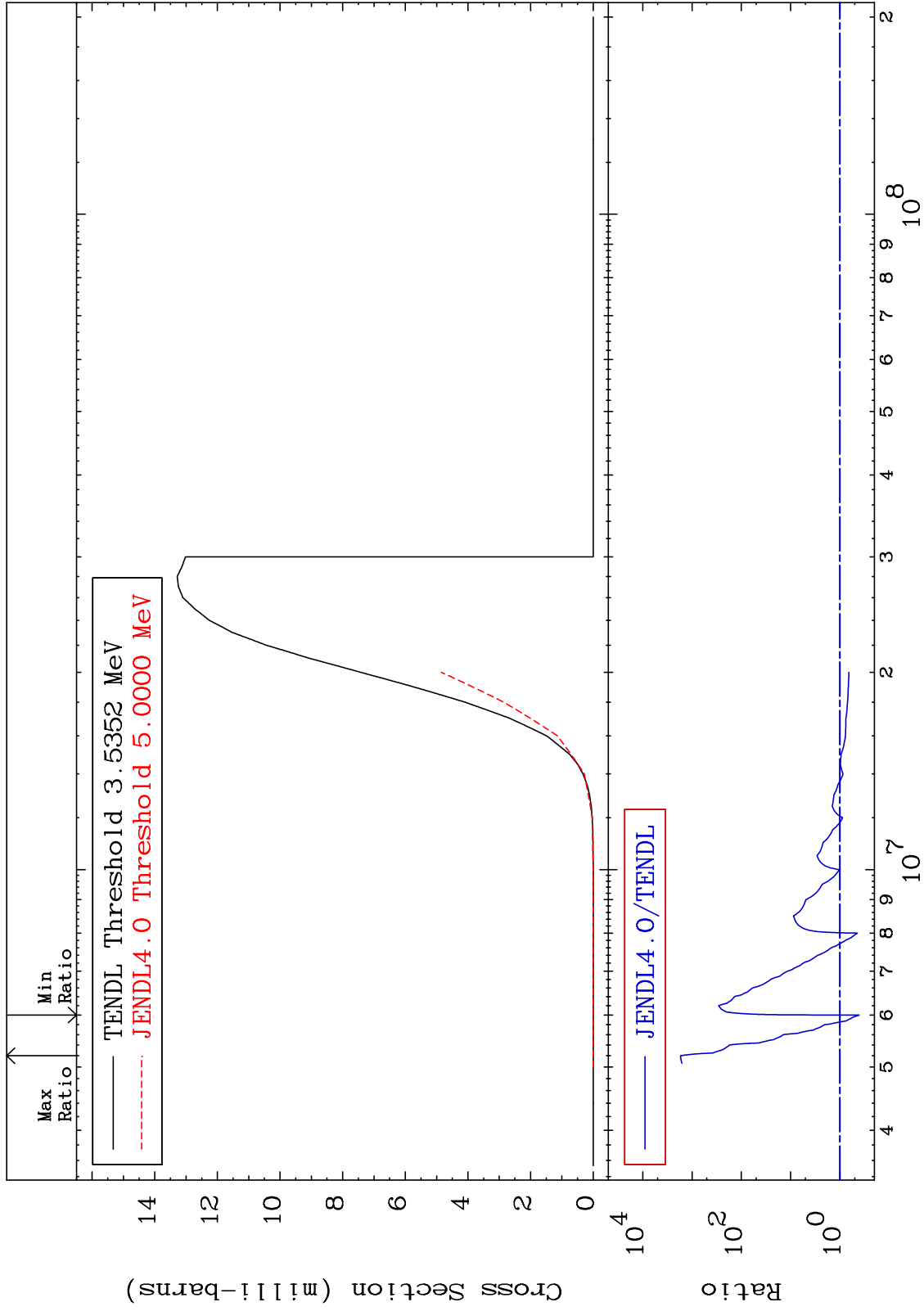
MAT 8049

(n,p)

80-Hg-204

Cross Section

-59.49 To 9999. %

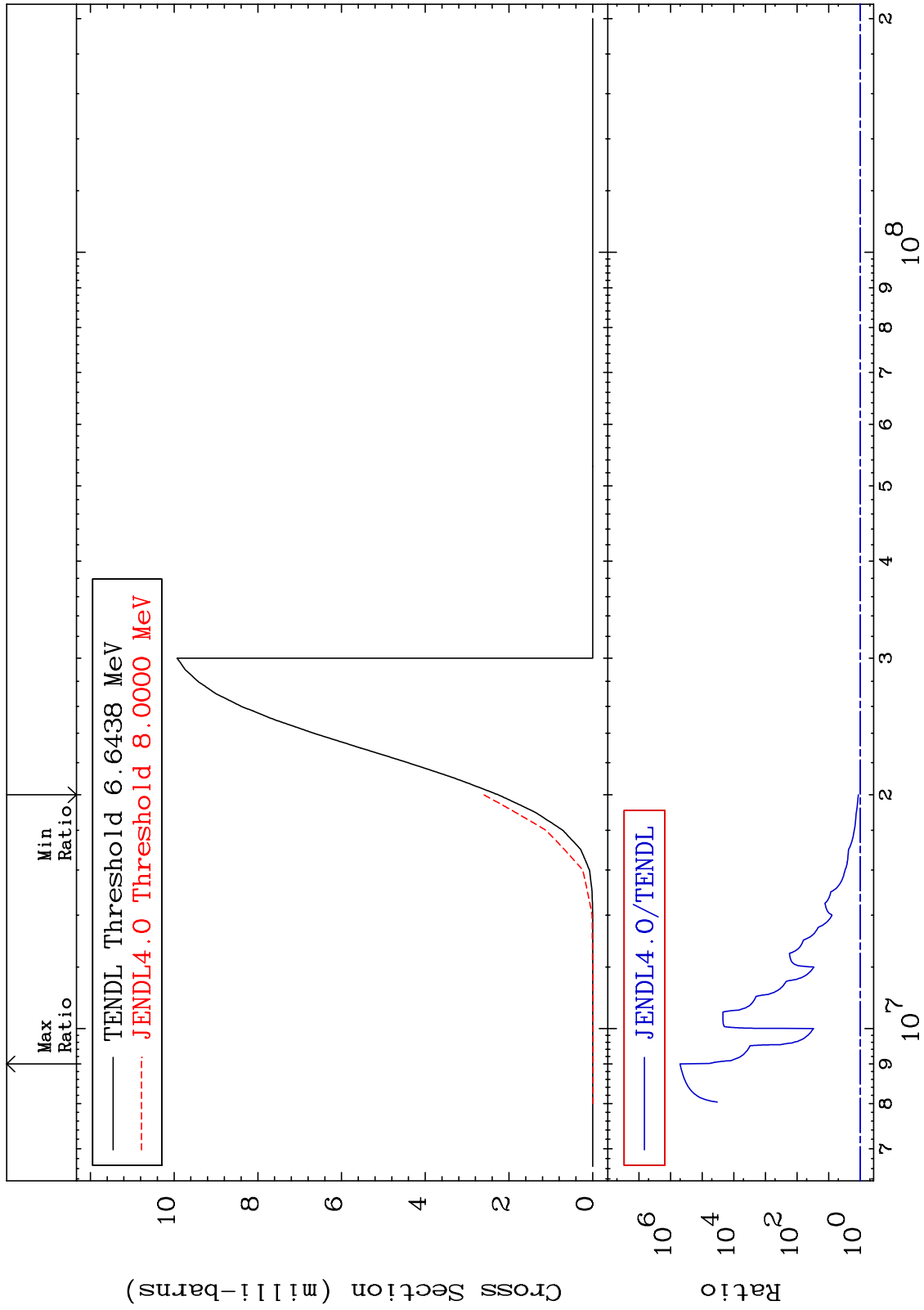


MAT 8049

(n, d)

Cross Section

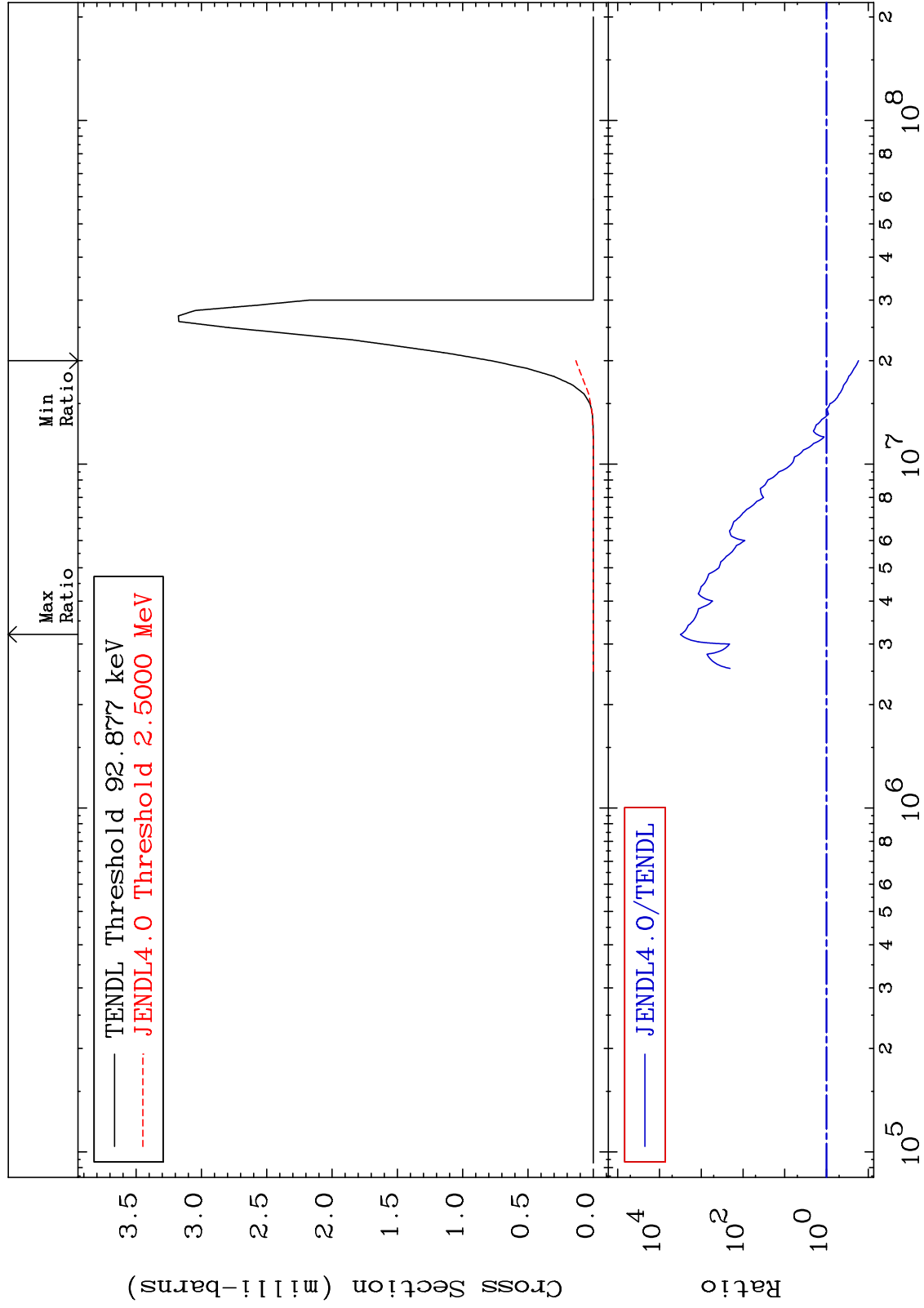
80-Hg-204  
15.31 To 9999. %



MAT 8049

(n,  $\alpha$ )  
Cross Section

80-Hg-204  
-82.91 To 9999. %



80-Hg-204

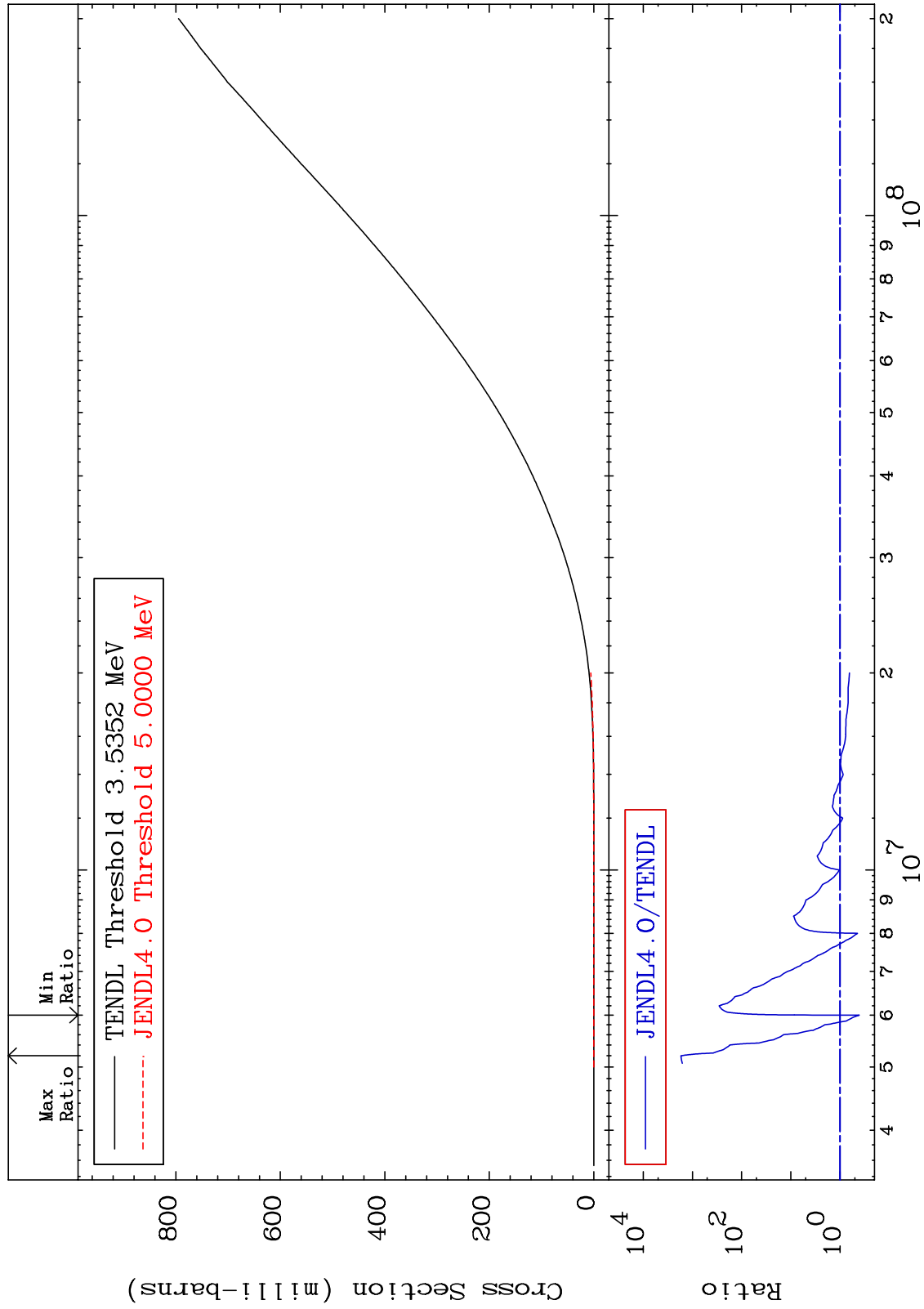
Incident Energy (eV)

30

MAT 8049

Hydrogen Production  
Cross Section

80-Hg-204  
-59.49 To 9999. %

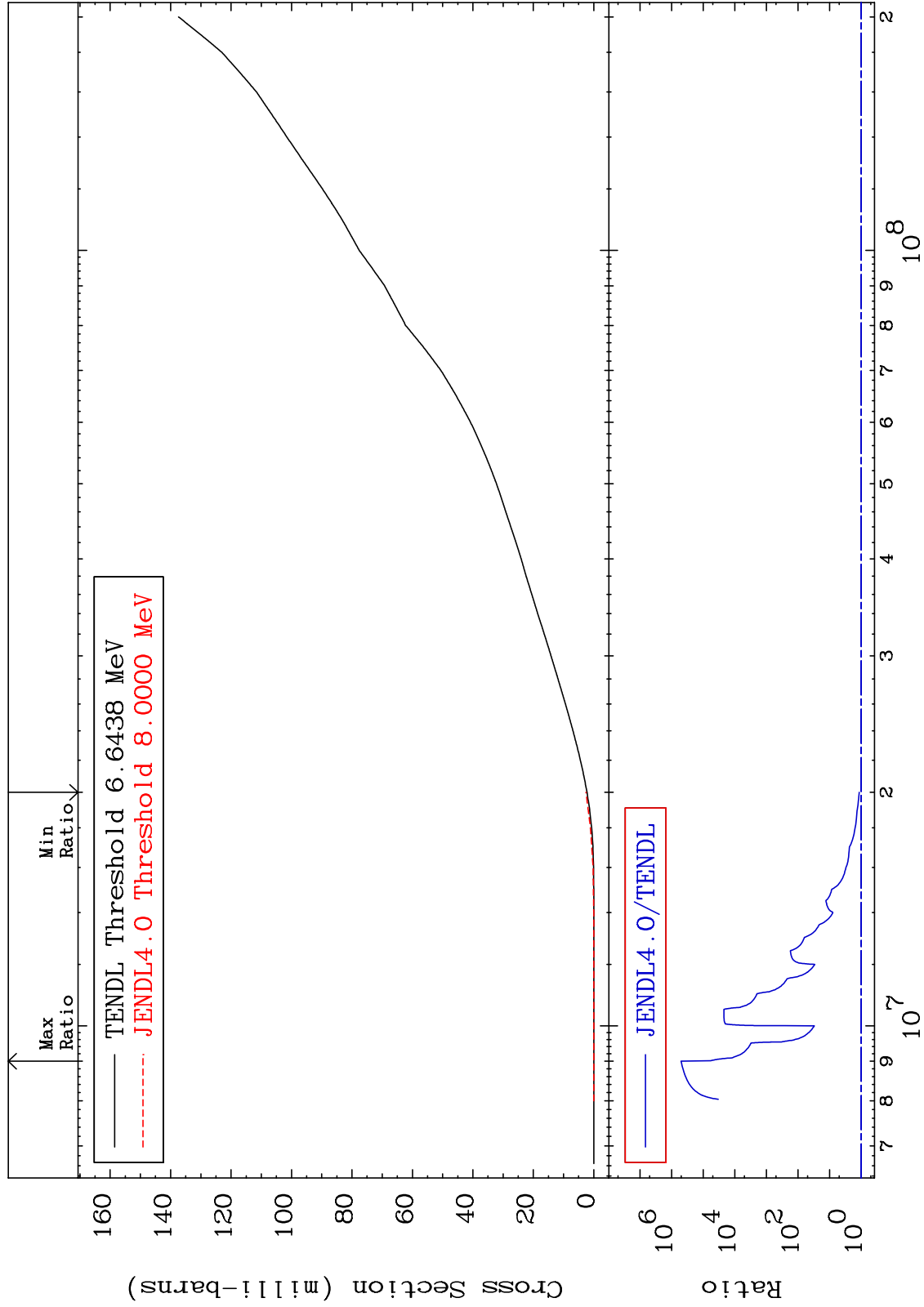




MAT 8049

Deuterium Production  
Cross Section

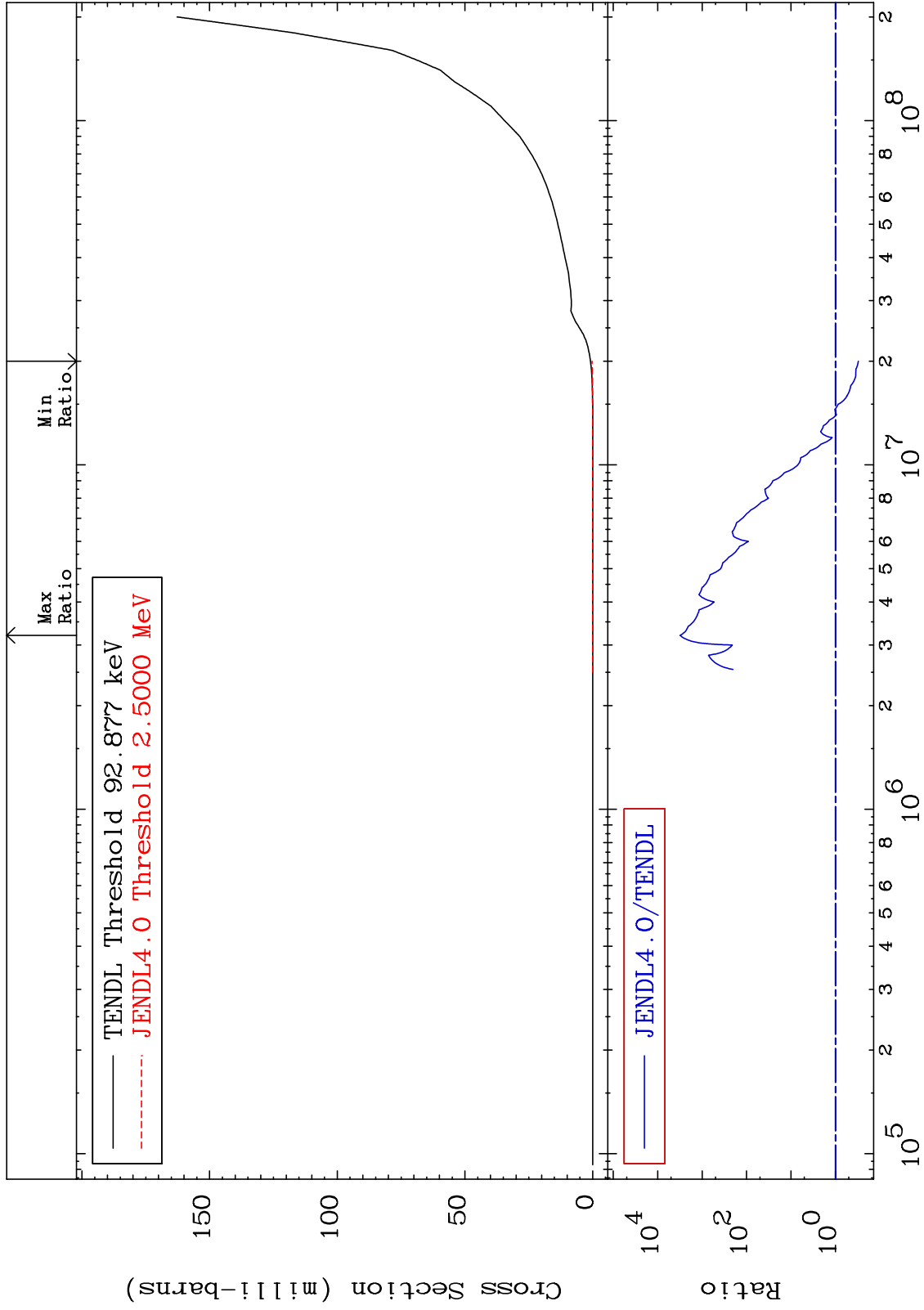
80-Hg-204  
15.30 To 9999. %



MAT 8049

He-4 Production  
Cross Section

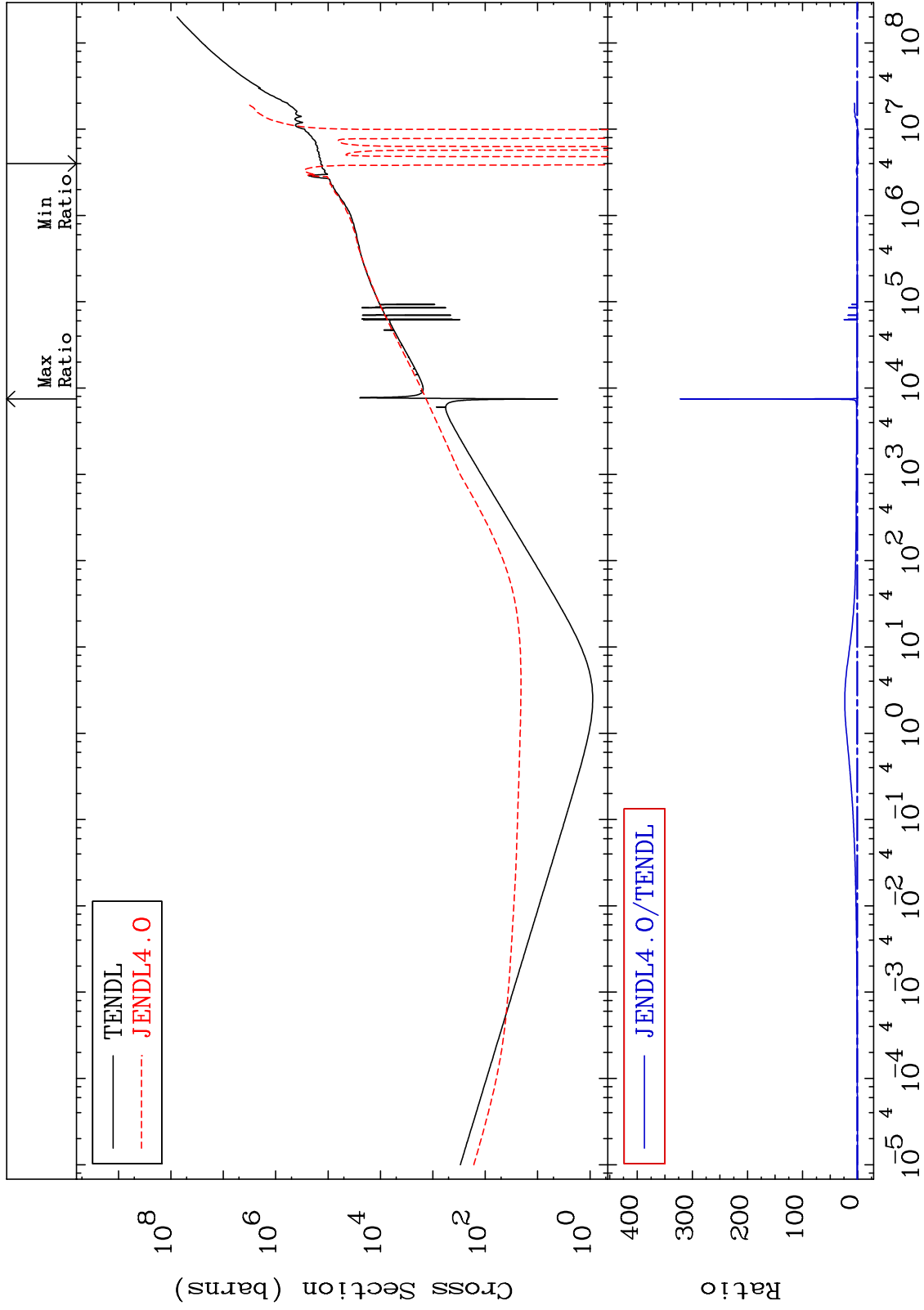
80-Hg-204  
-69.72 To 9999. %



MAT 8049

Kerma total (eV-barns)  
Cross Section

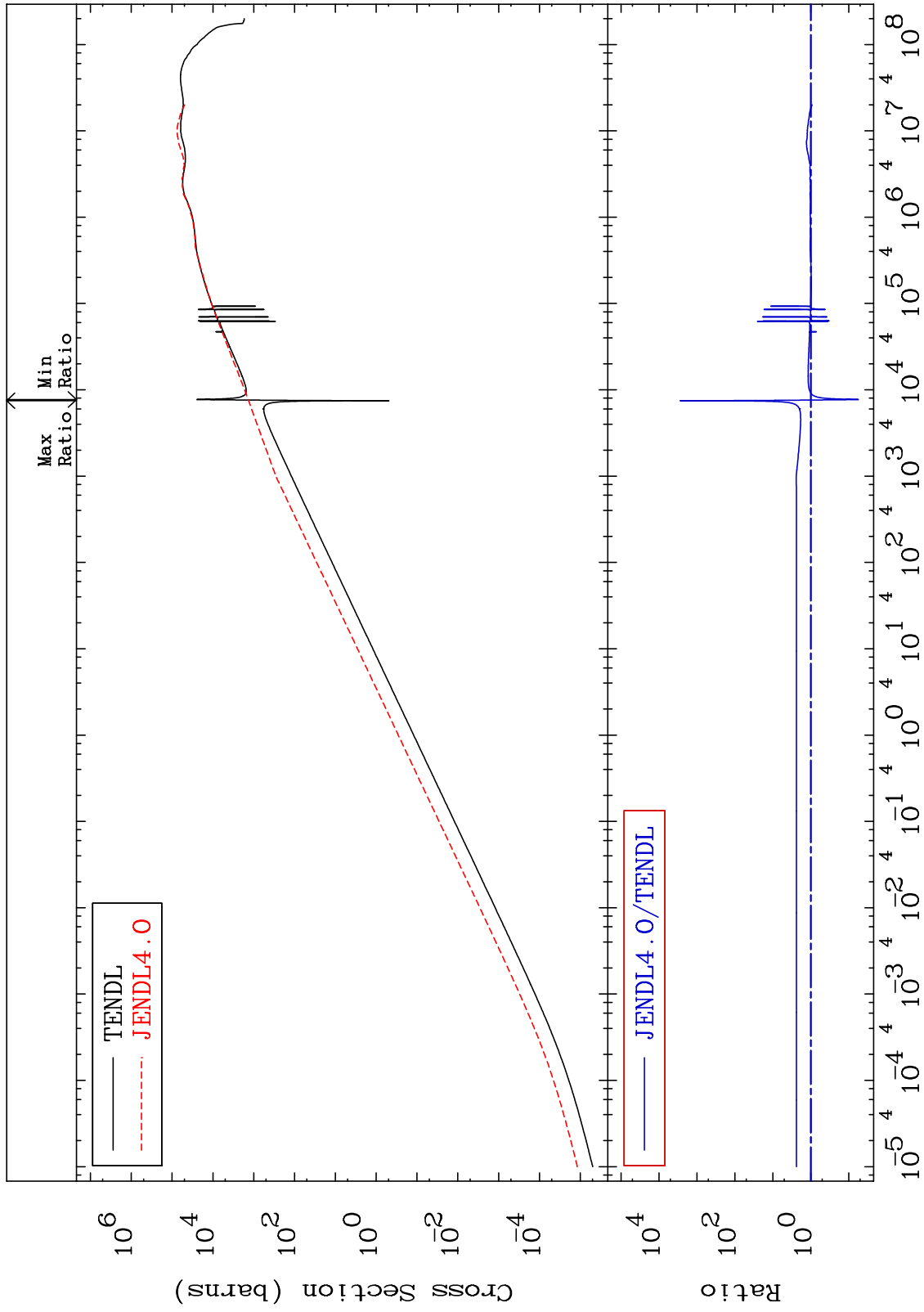
80-Hg-204  
-225.2 To 9999. %



MAT 8049

Kerma elastic  
Cross Section

80-Hg-204  
-94.45 To 9999. %



35

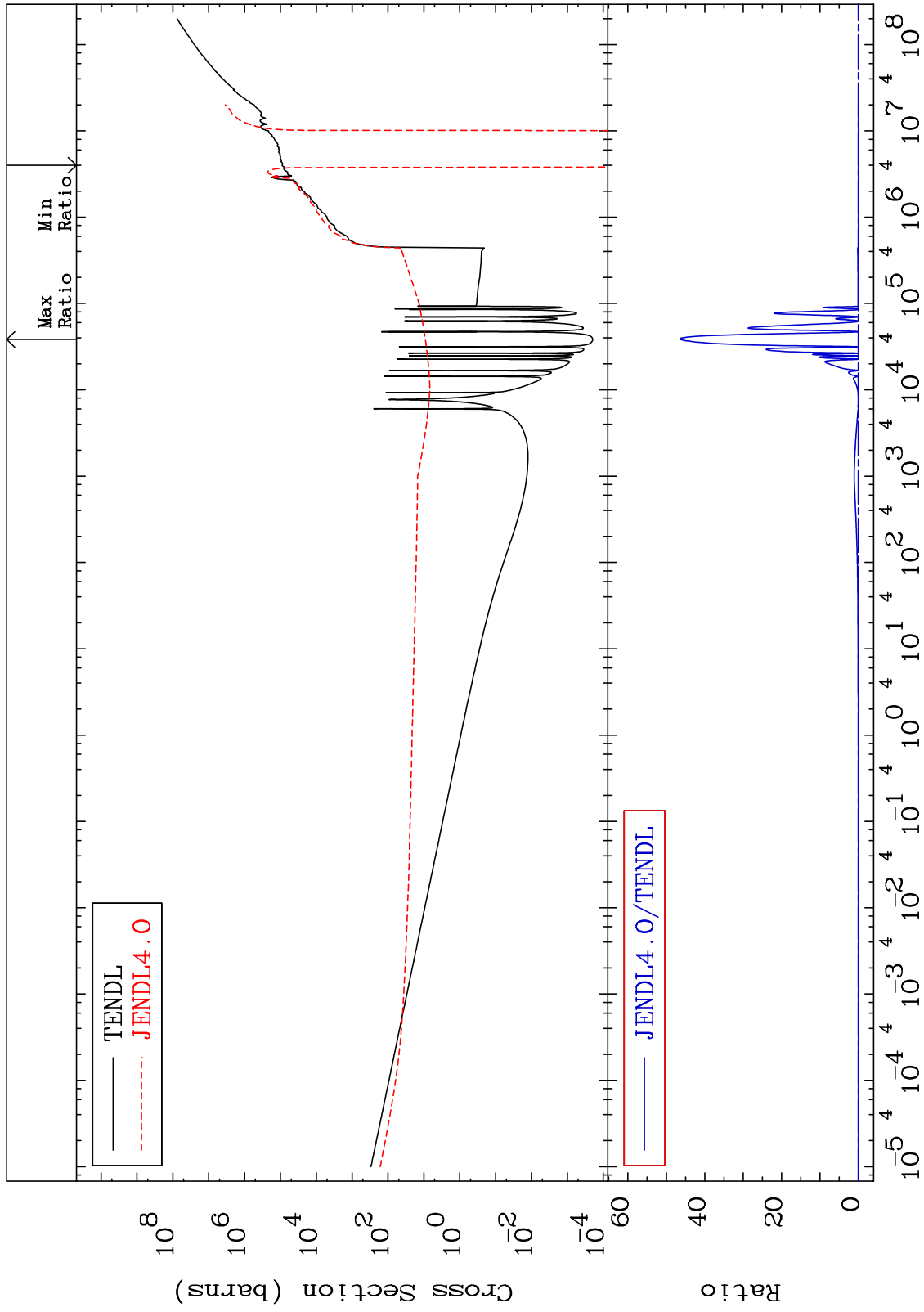
Incident Energy (eV)

80-Hg-204

MAT 8049

Kerma non-elastic (all but mt2)  
Cross Section

80-Hg-204  
-349.3 To 9999. %



36

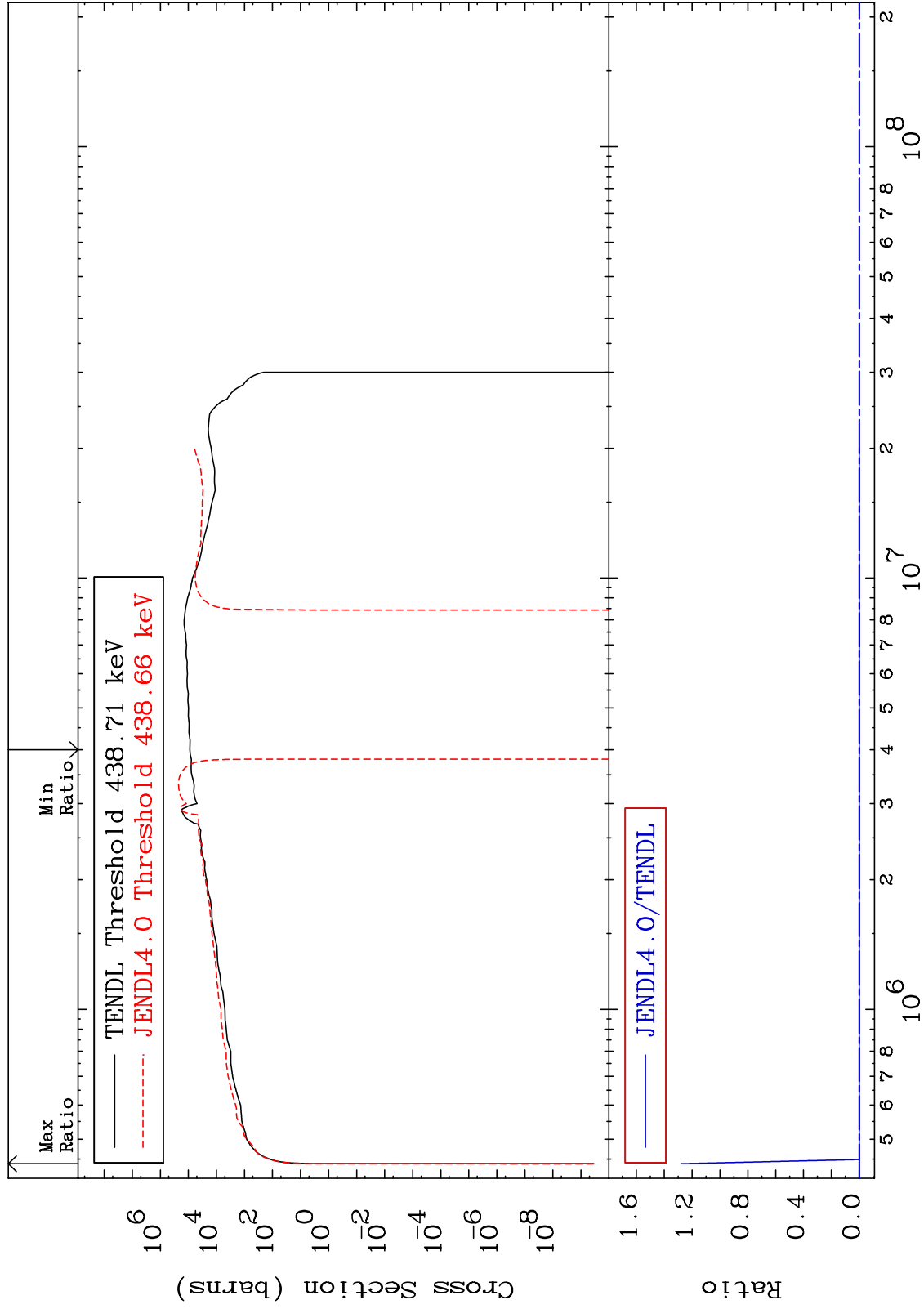
Incident Energy (eV)

80-Hg-204

MAT 8049

Kerma inelastic (mt51-91)  
Cross Section

80-Hg-204  
-349.4 To 9999. %



37

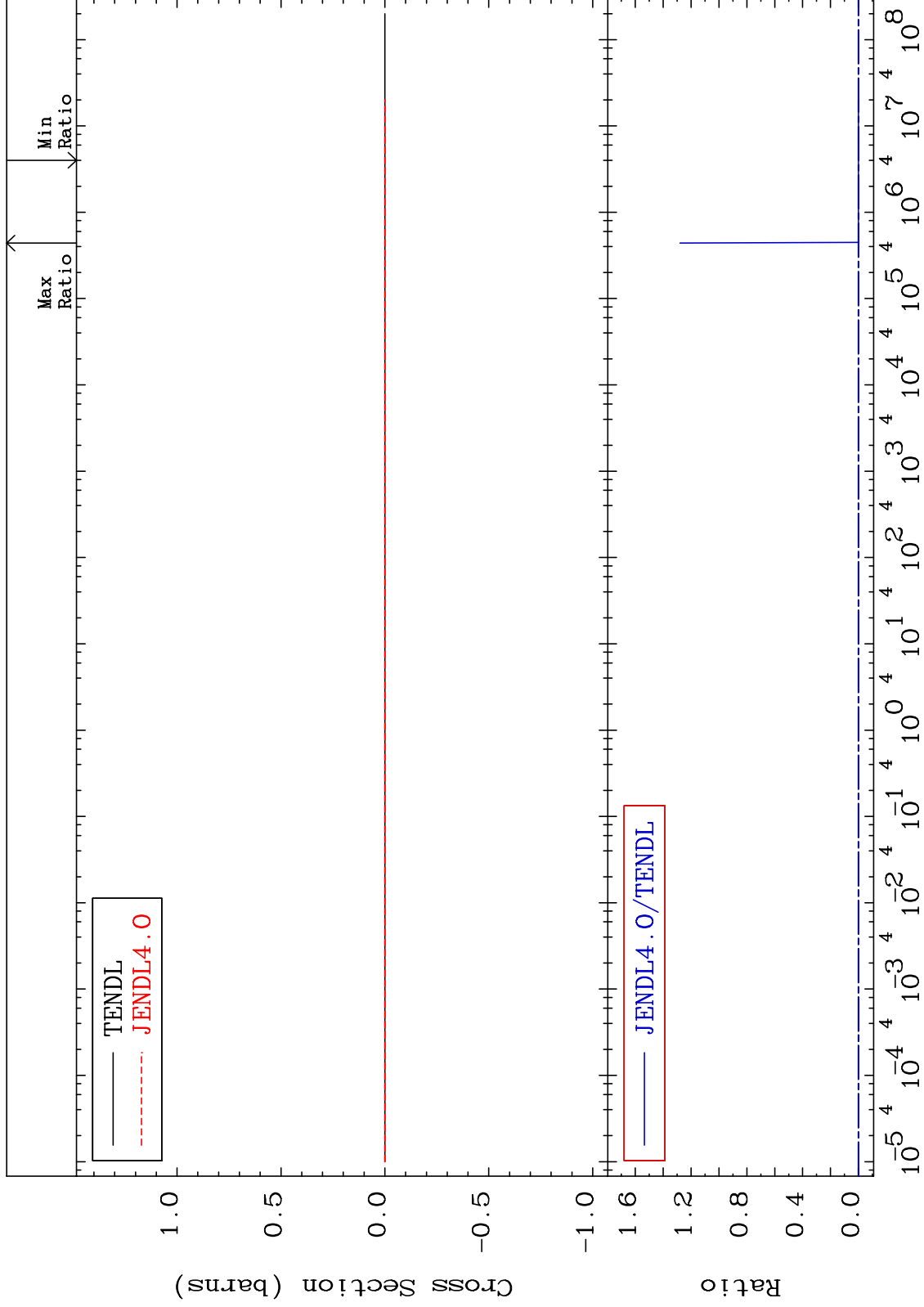
Incident Energy (eV)

80-Hg-204

MAT 8049

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

80-Hg-204  
-349.4 To 9999. %



38

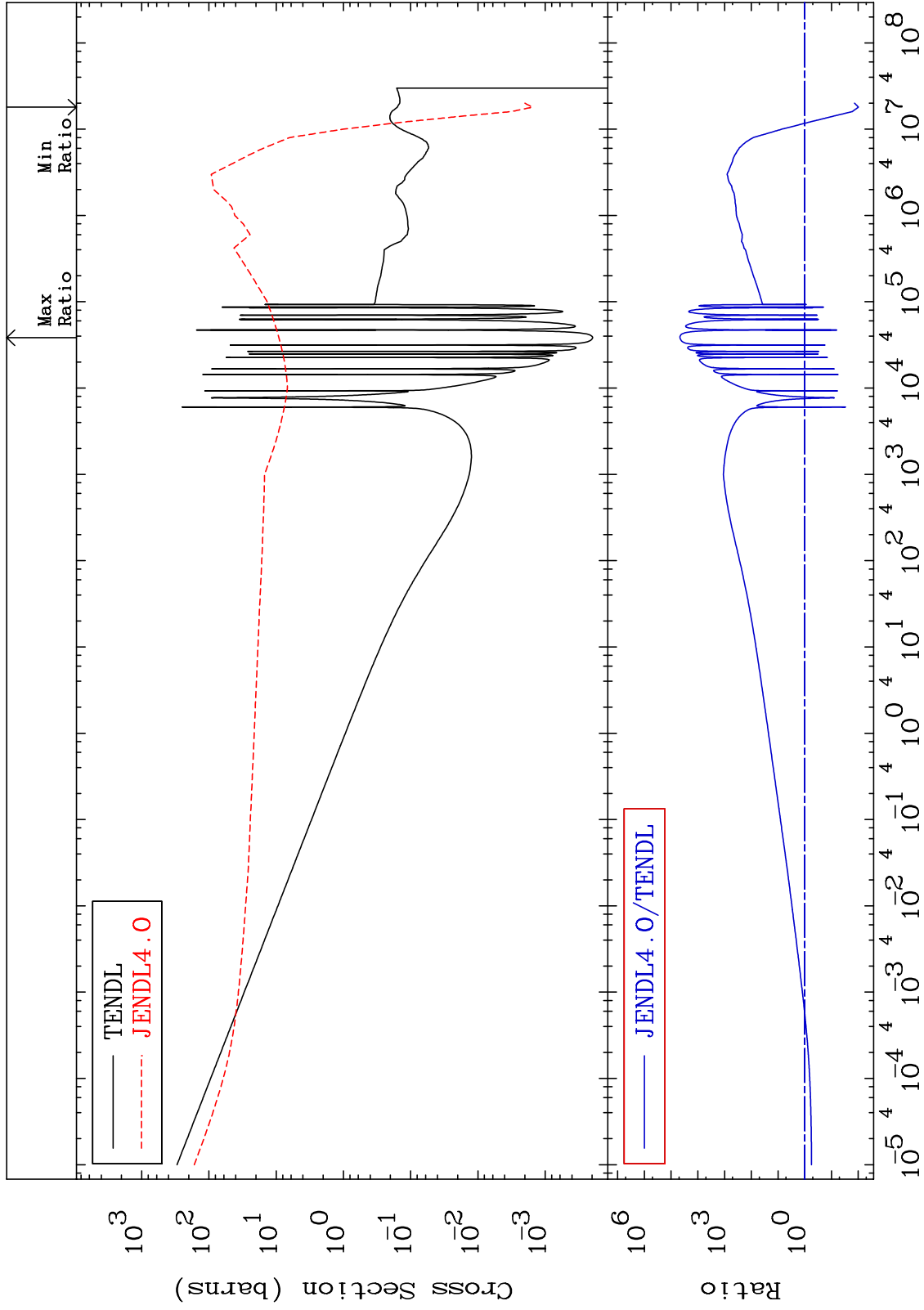
Incident Energy (eV)

80-Hg-204

MAT 8049

Kerma capture (mt102)  
Cross Section

80-Hg-204  
-99.02 To 9999. %



39

Incident Energy (eV)

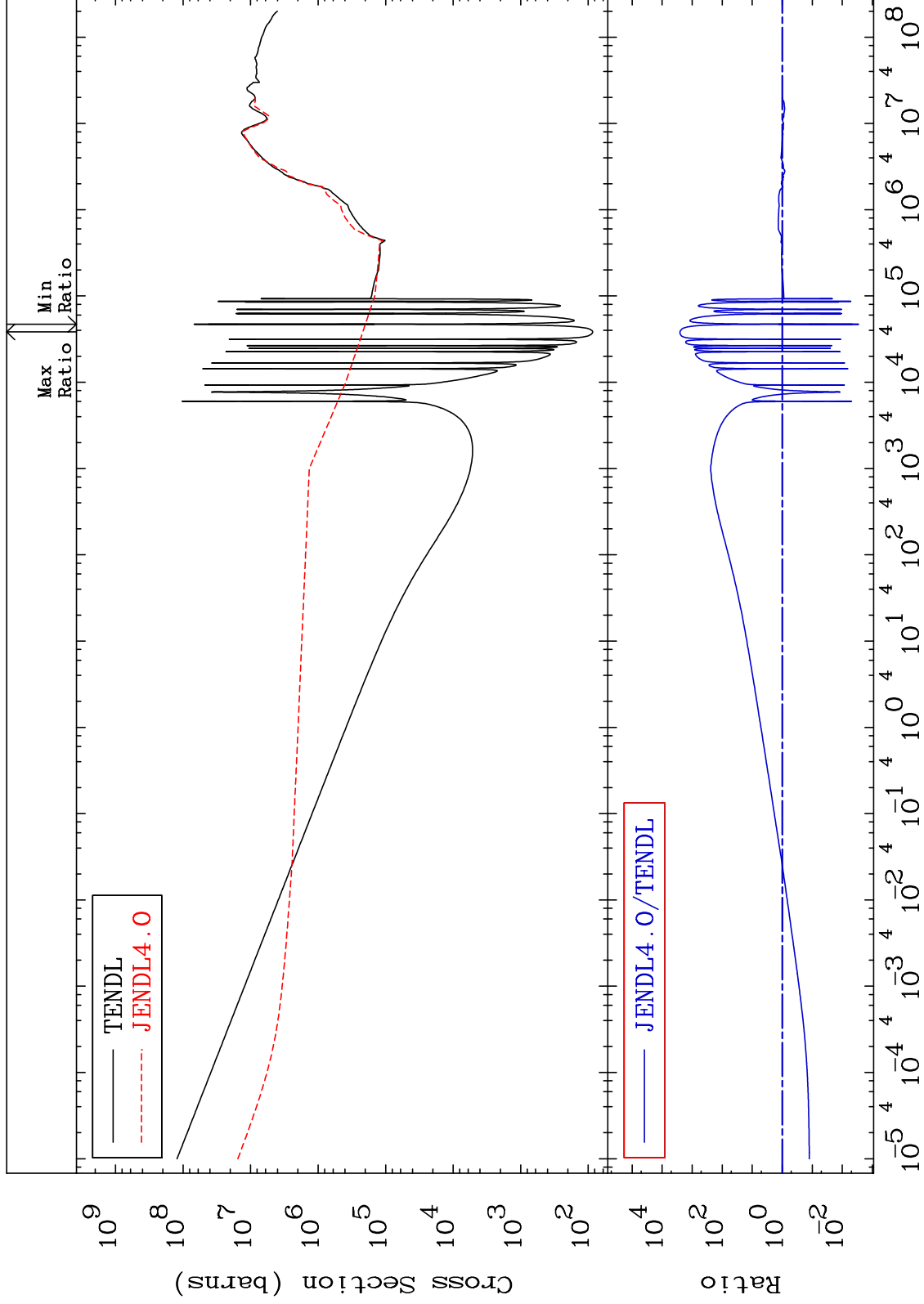
80-Hg-204



MAT 8049

Total photon (eV-barns)  
Cross Section

80-Hg-204  
-99.71 To 9999. %



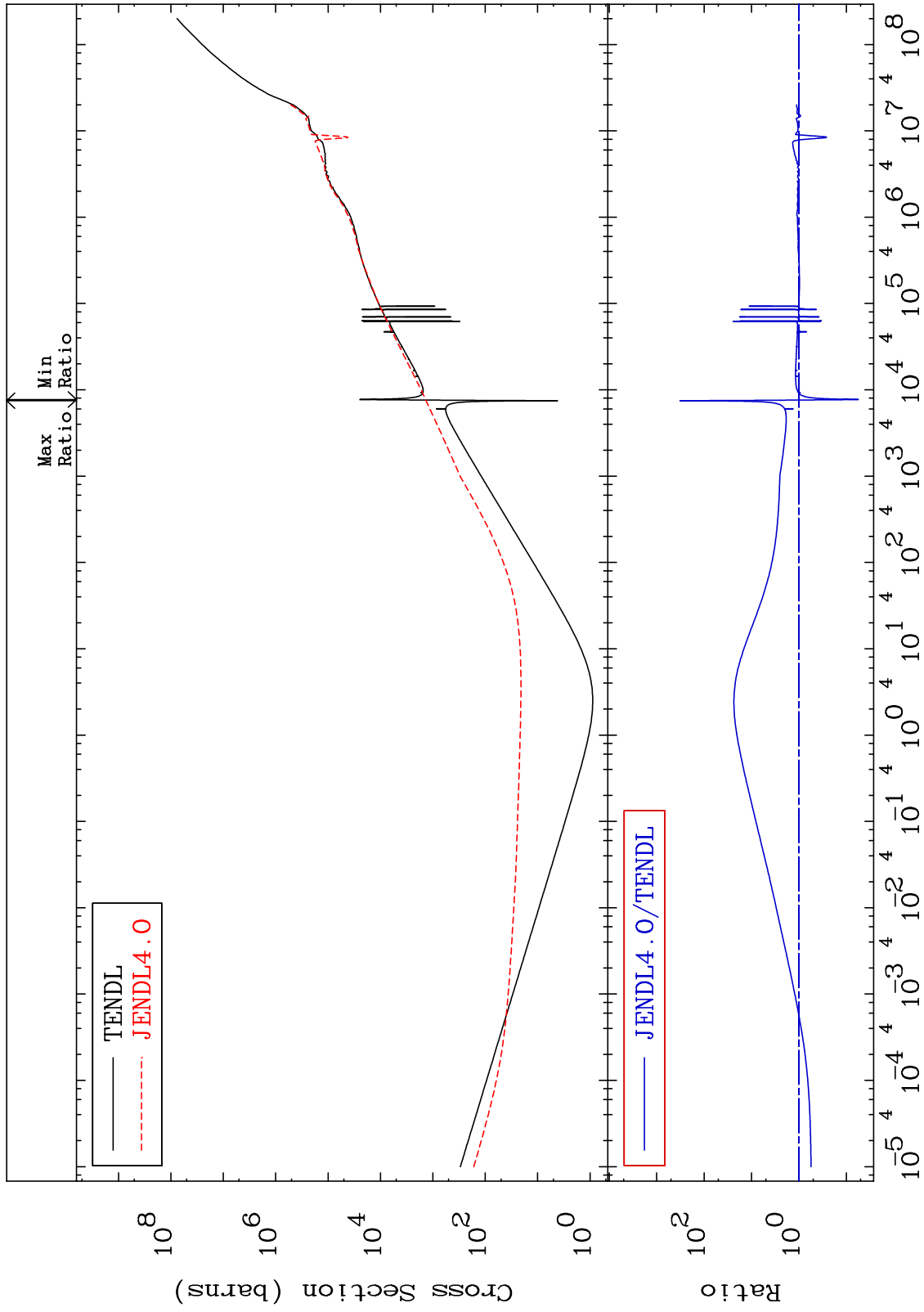
— TENDL  
- - - JENDL4.0

— JENDL4.0/TENDL

MAT 8049

Total kinematic kerma (high limit)  
Cross Section

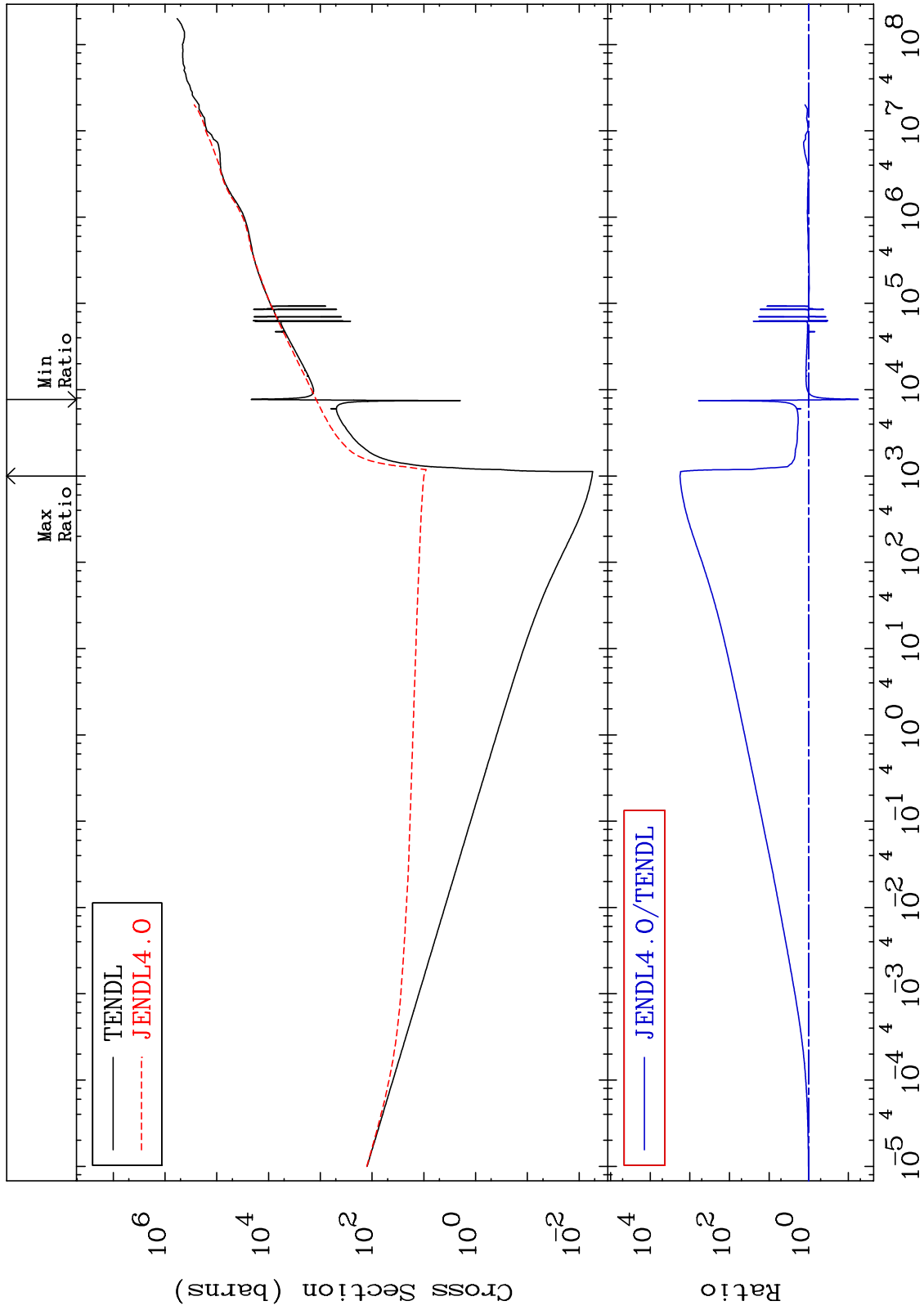
80-Hg-204  
-94.44 To 9999. %



MAT 8049

Dpa total (eV-barns)  
Cross Section

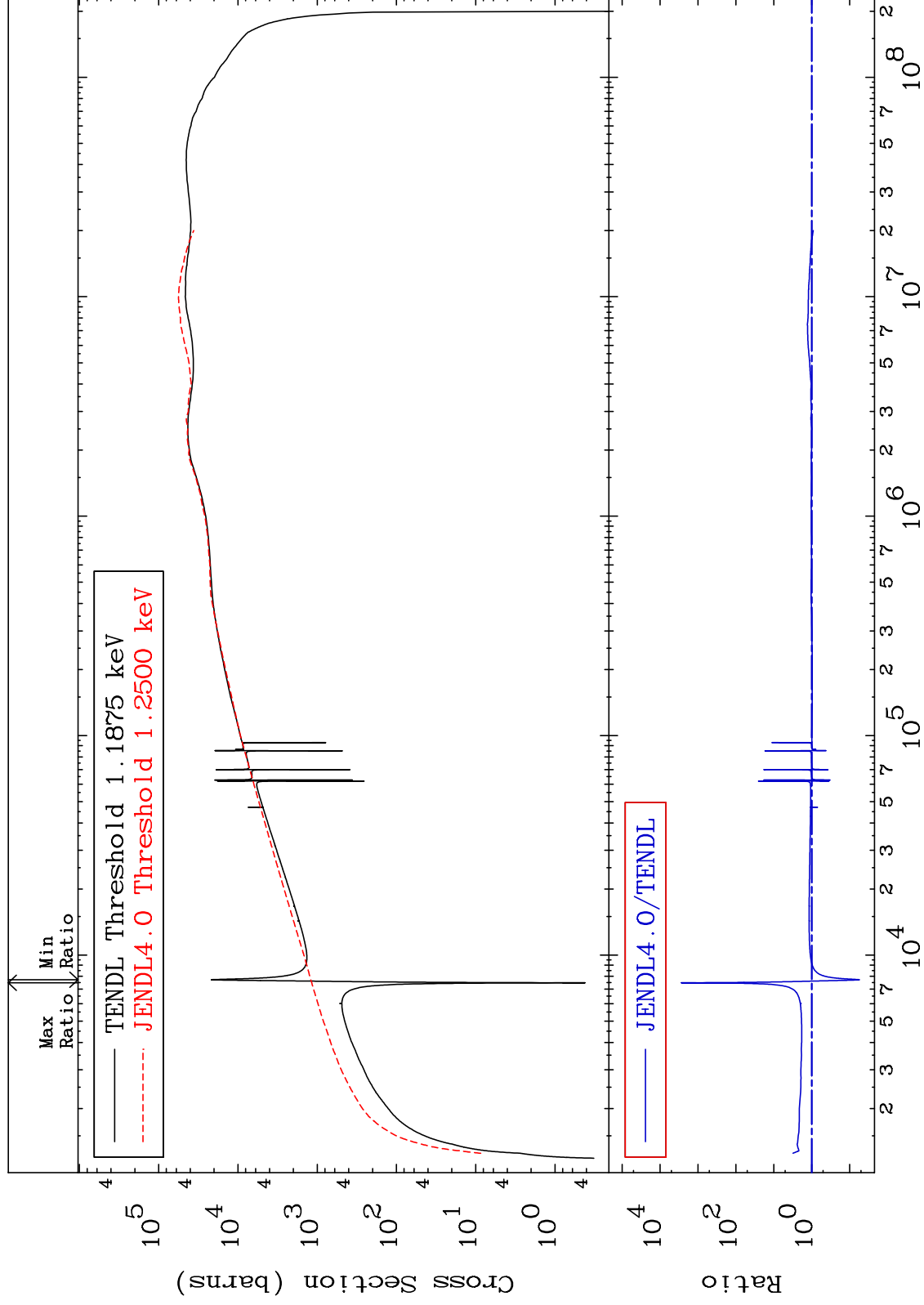
80-Hg-204  
-94.43 To 9999. %



MAT 8049

Dpa elastic (mt2)  
Cross Section

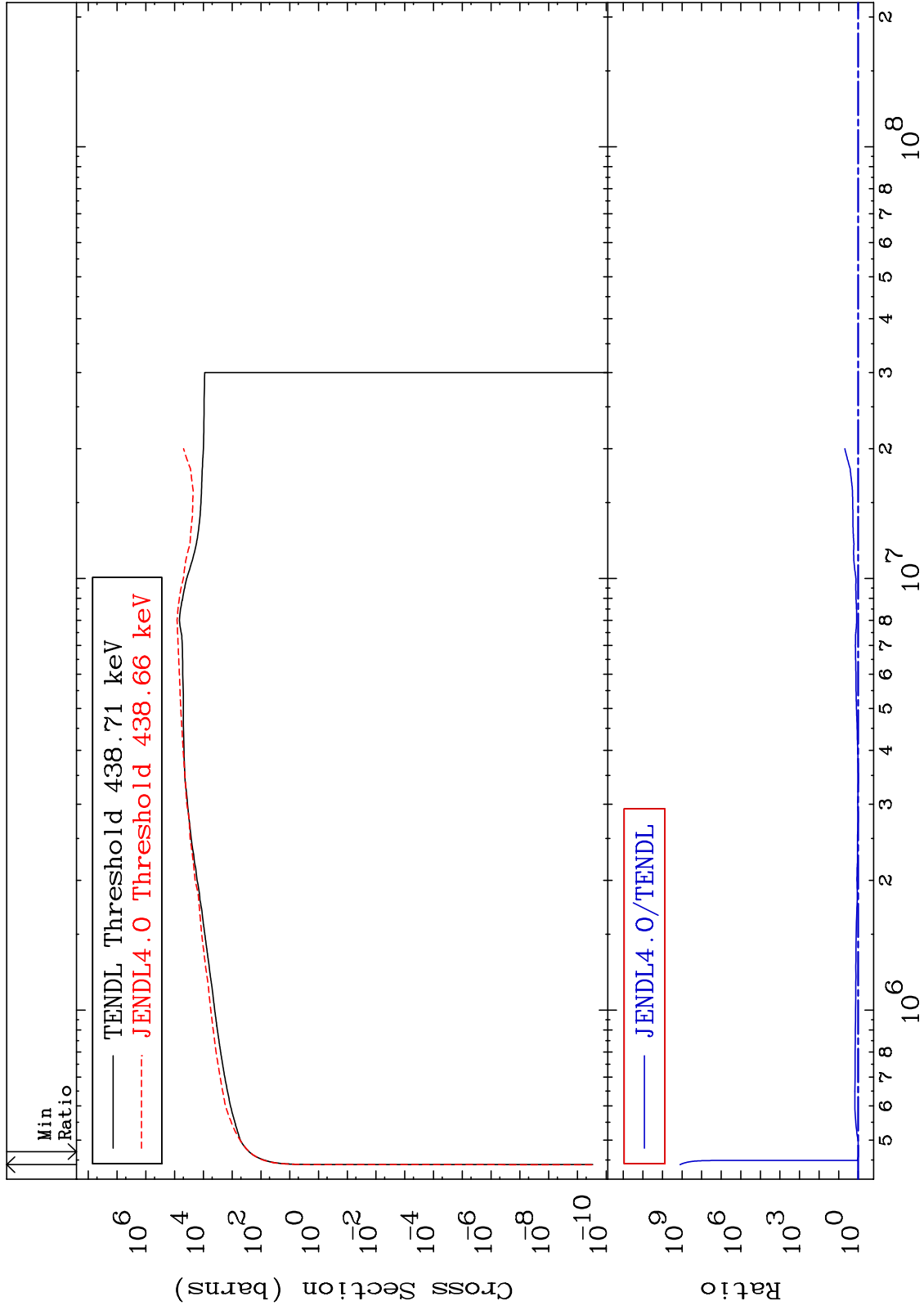
80-Hg-204  
-94.43 To 9999. %



MAT 8049

Dpa inelastic (mt51-91)  
Cross Section

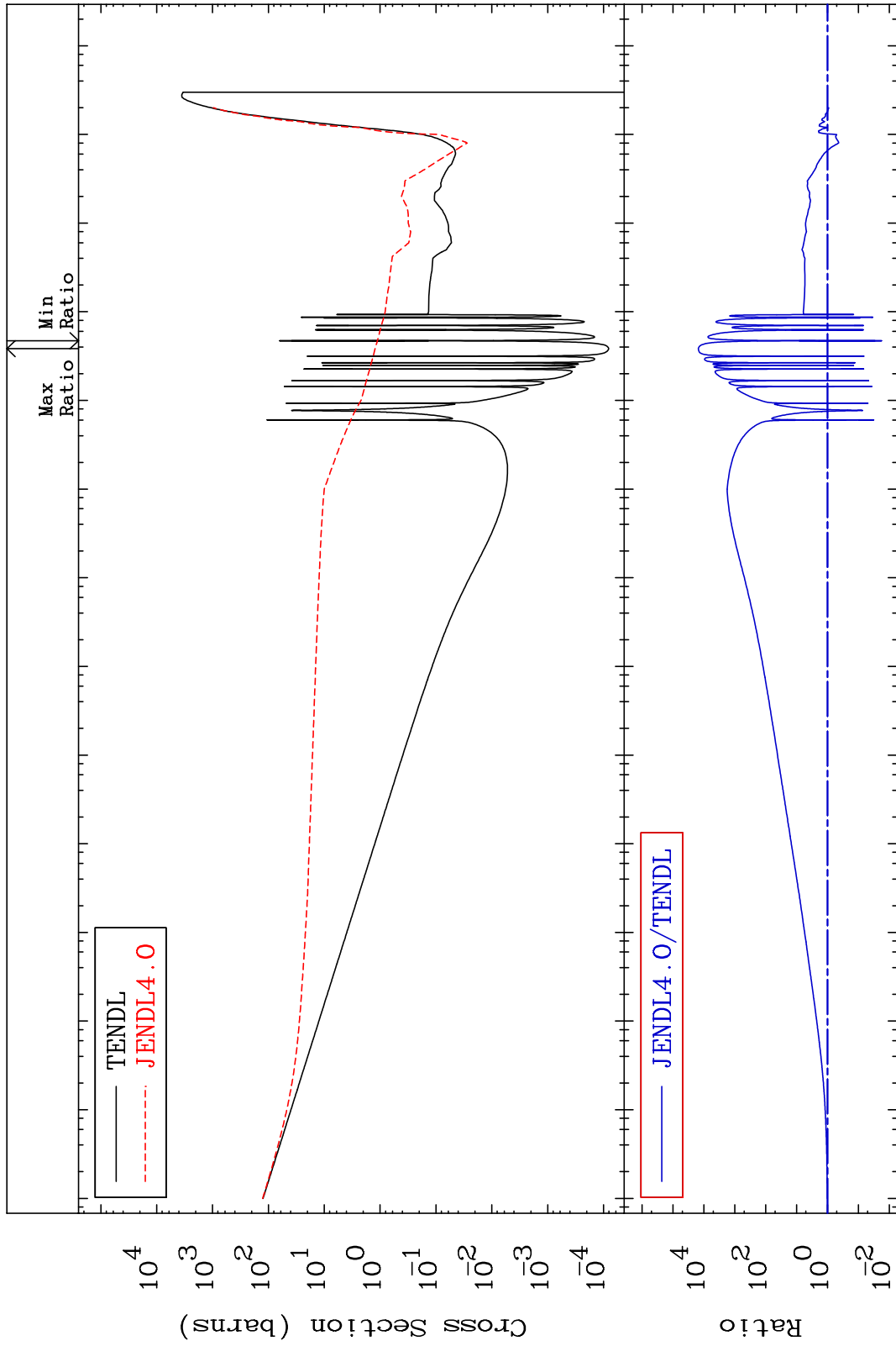
80-Hg-204  
-2.012 To 9999. %



MAT 8049

Dpa disappearance (mt102 -120)  
Cross Section

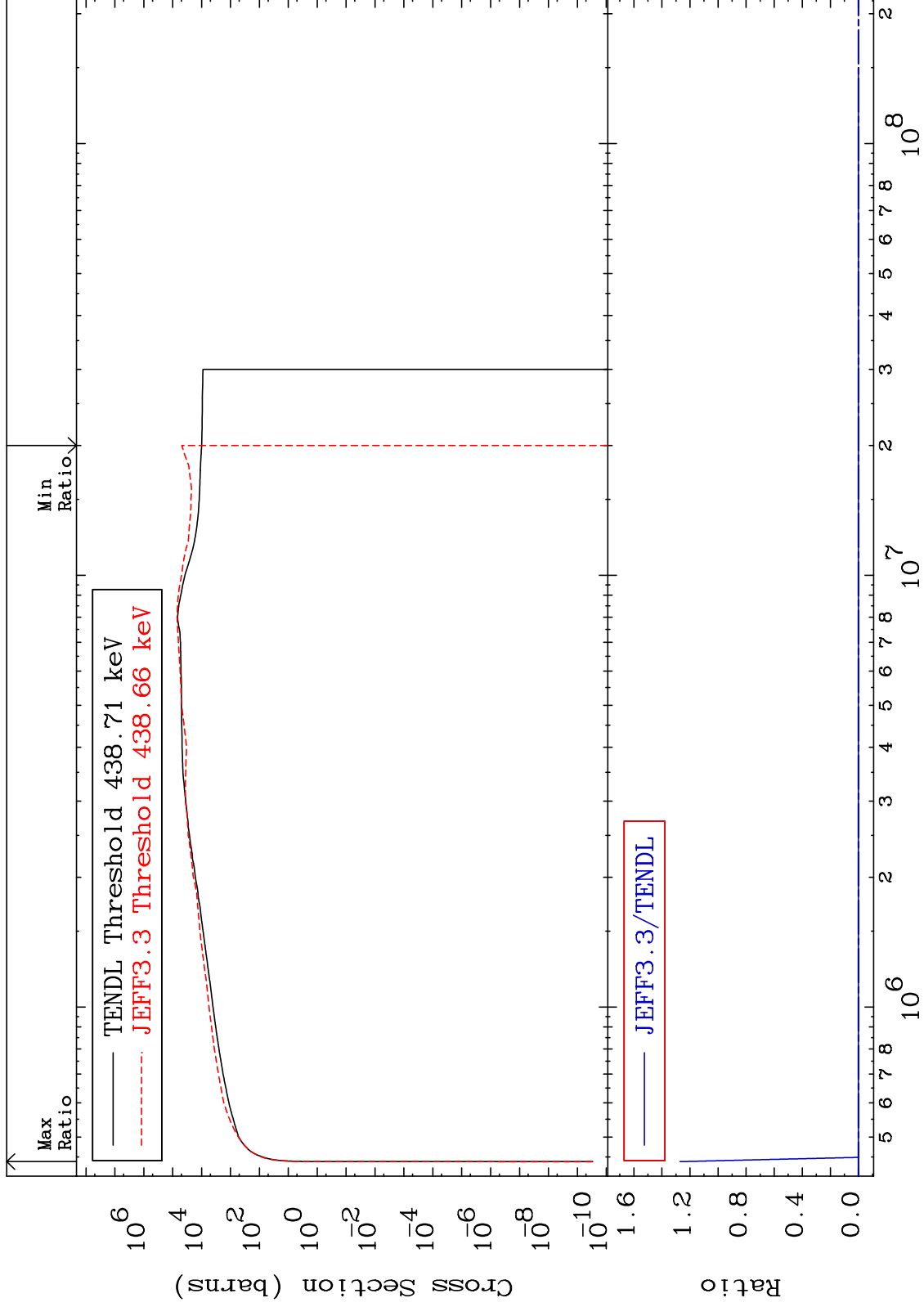
80-Hg-204  
-98.22 To 9999. %



MAT 8049

Dpa inelastic (mt51-91)  
Cross Section

80-Hg-204  
-100.0 To 9999. %



46

Incident Energy (eV)

80-Hg-204

MAT 8049

Dpa disappearance (mt102 -120)  
Cross Section

80-Hg-204  
-100.0 To 9999. %

