

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

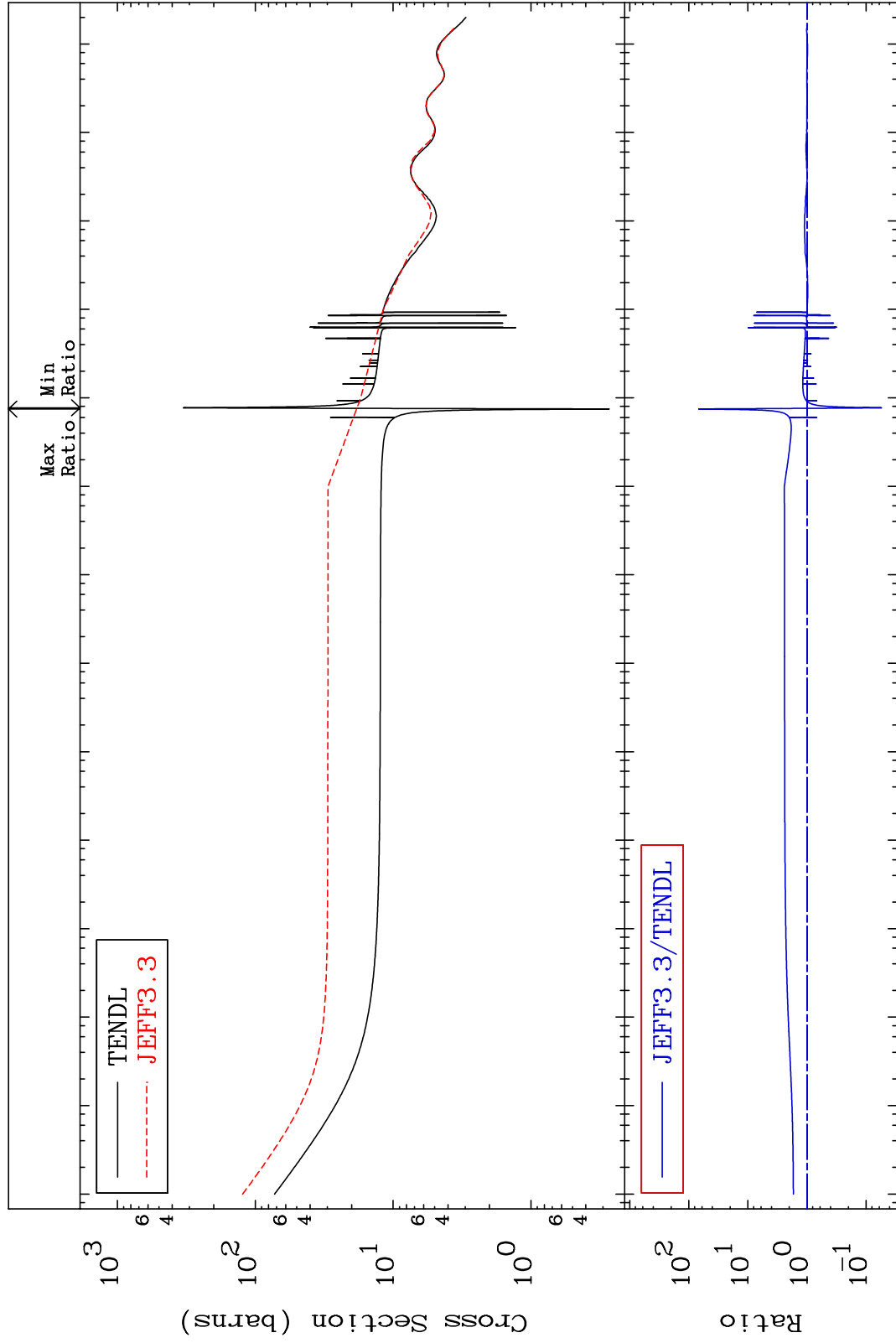
MAT 8049

Total

80-Hg-204

Cross Section

-94.52 To 6703. %



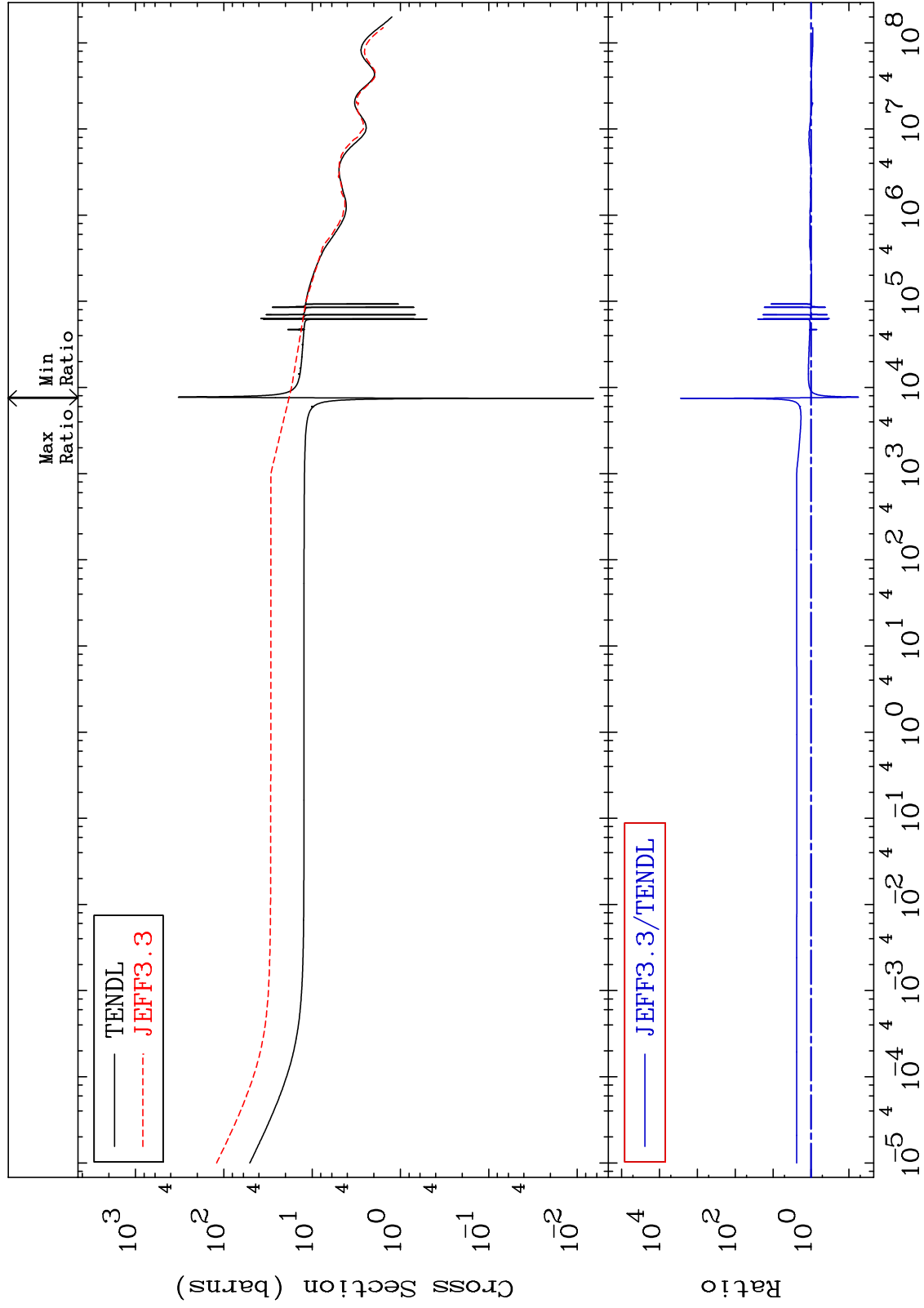
Incident Energy (eV)

80-Hg-204

MAT 8049

Elastic  
Cross Section

80-Hg-204  
-94.44 To 9999. %



2

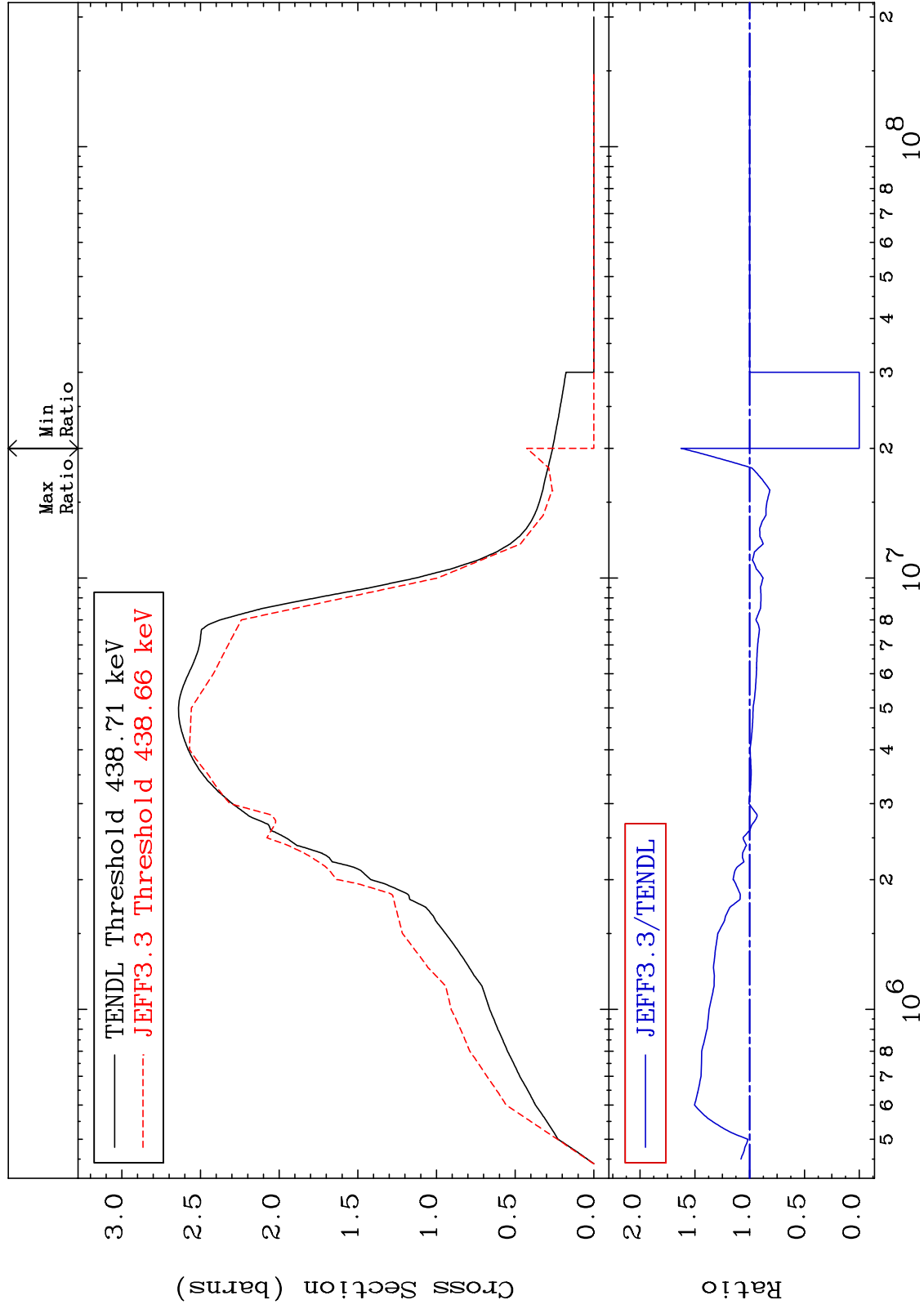
Incident Energy (eV)

80-Hg-204

MAT 8049

Inelastic  
Cross Section

80-Hg-204  
-100.0 To 62.62 %



3

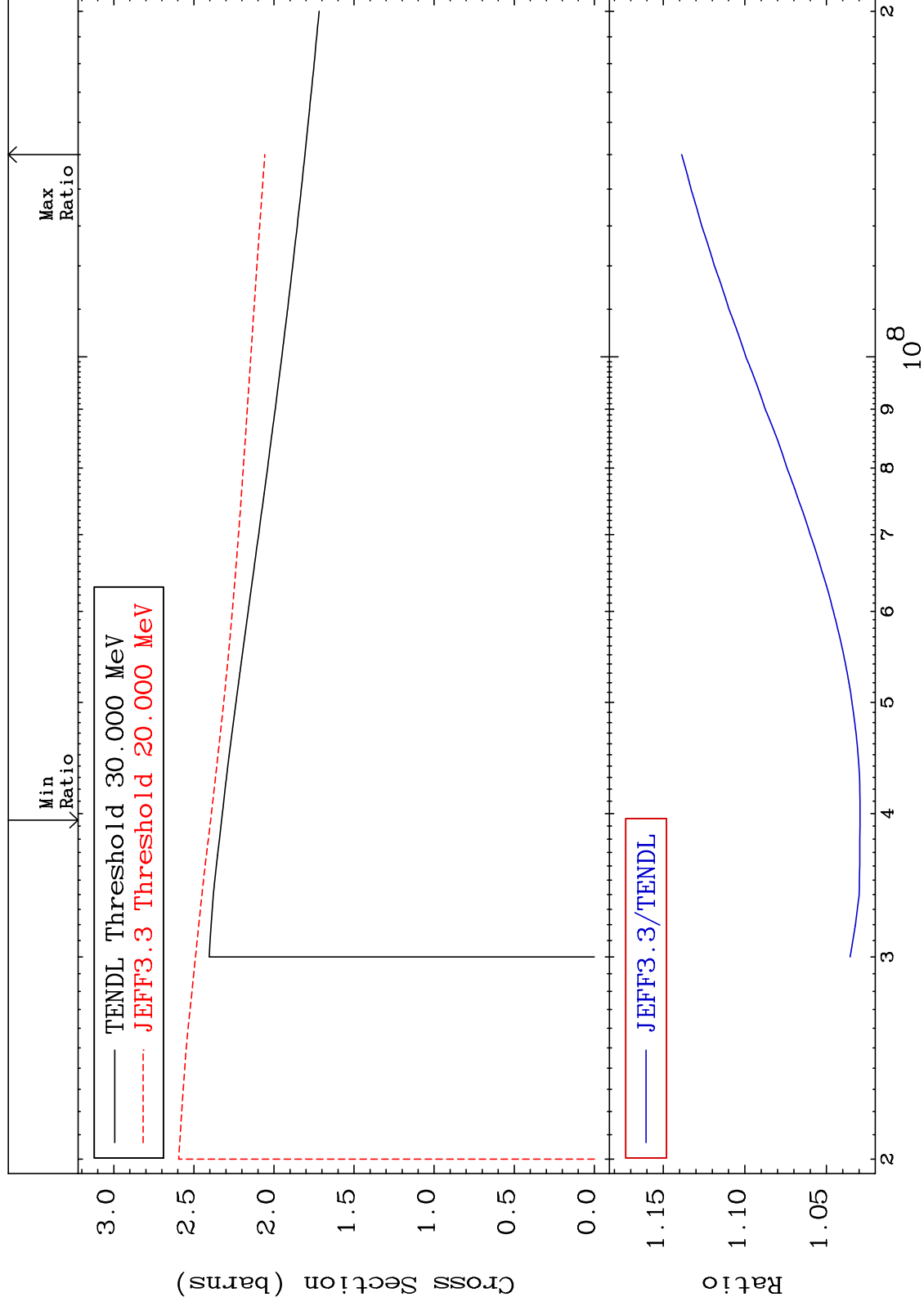
Incident Energy (eV)

80-Hg-204

MAT 8049

(n, remainder)  
Cross Section

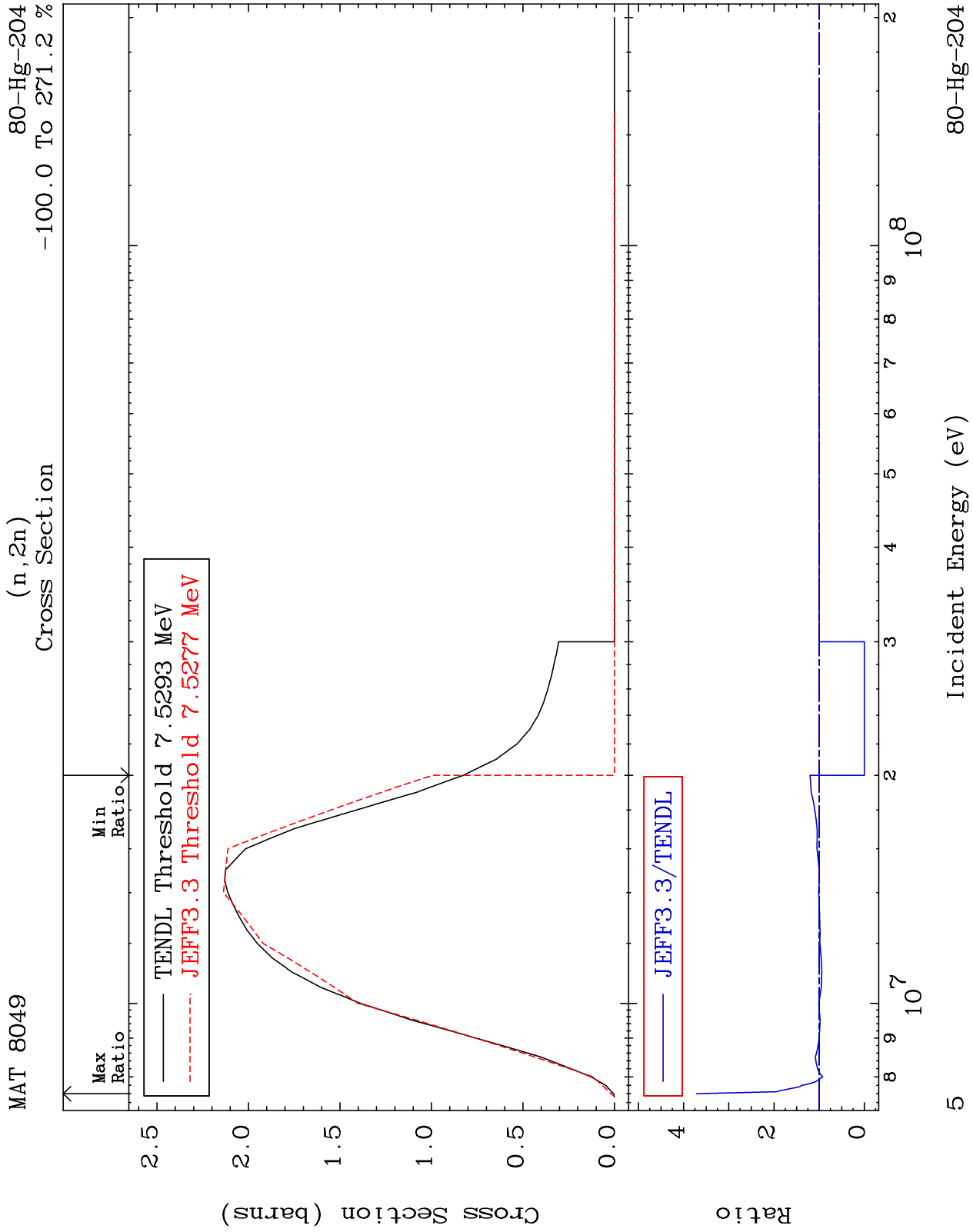
80-Hg-204  
2.943 To 13.88 %



80-Hg-204

Incident Energy (eV)

4



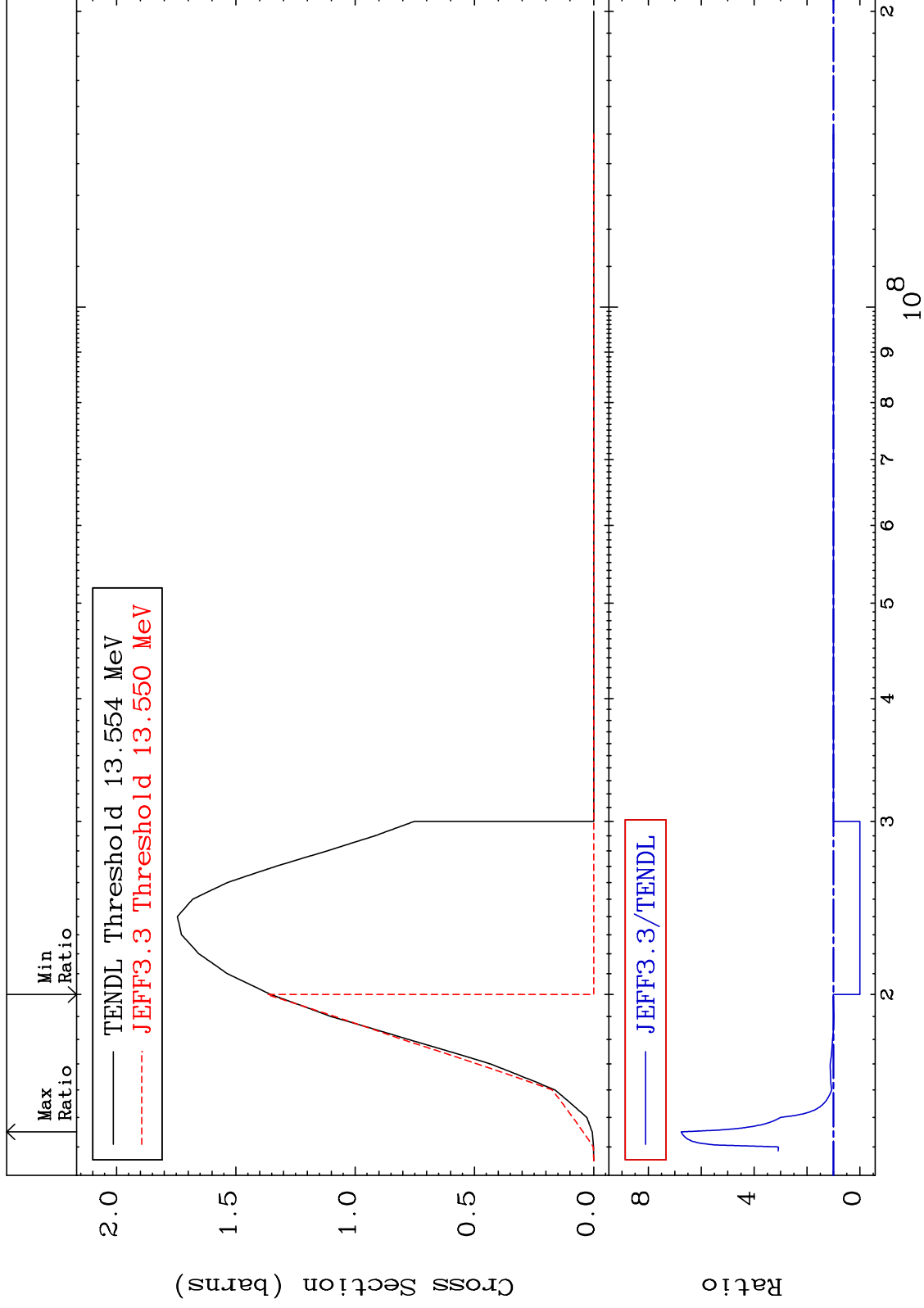
MAT 8049

(n, 3n)

80-Hg-204

Cross Section

-100.0 To 575.7 %



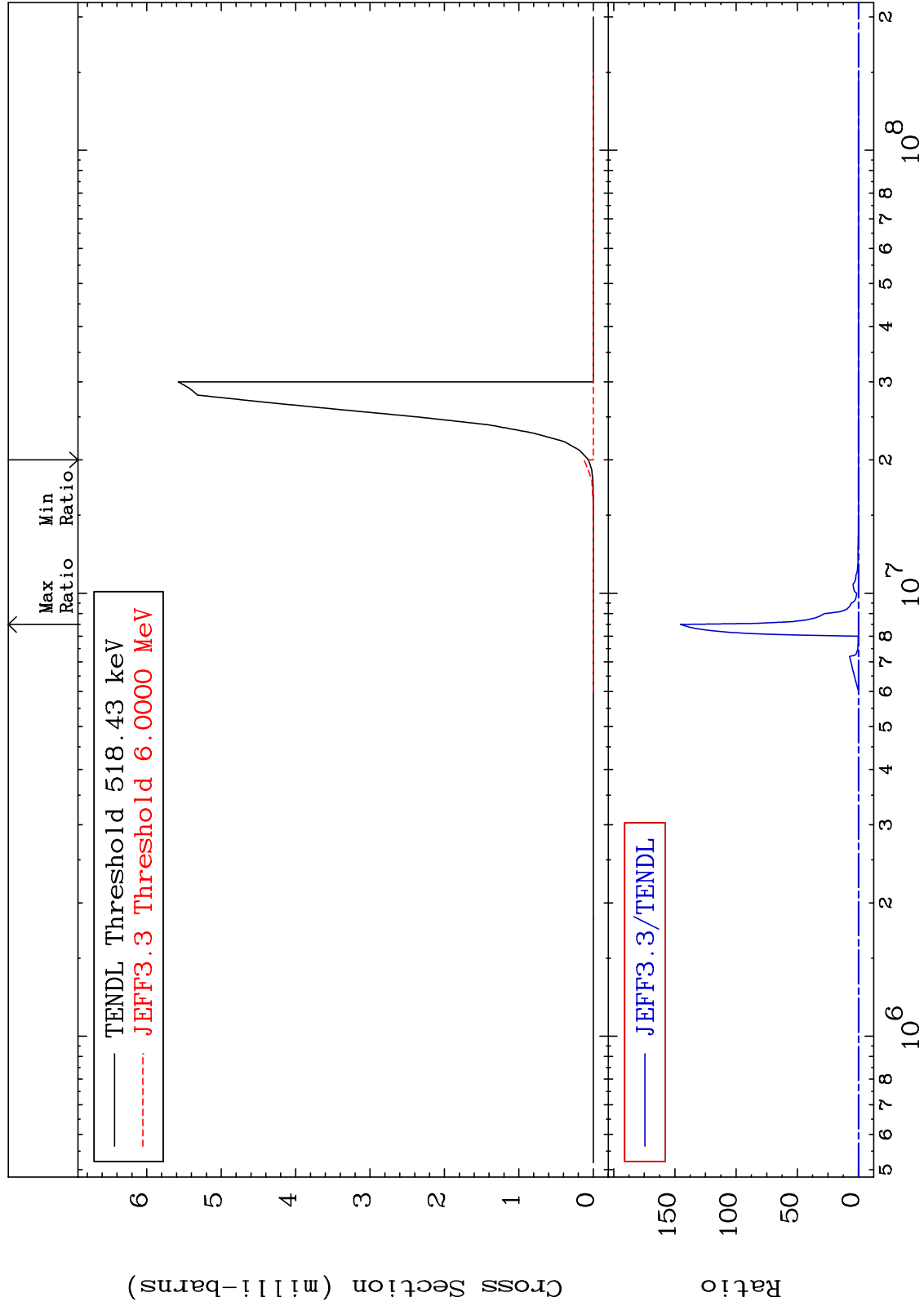
MAT 8049

(n, n')  $\alpha$

80-Hg-204

-100.0 To 9999. %

Cross Section



7

Incident Energy (eV)

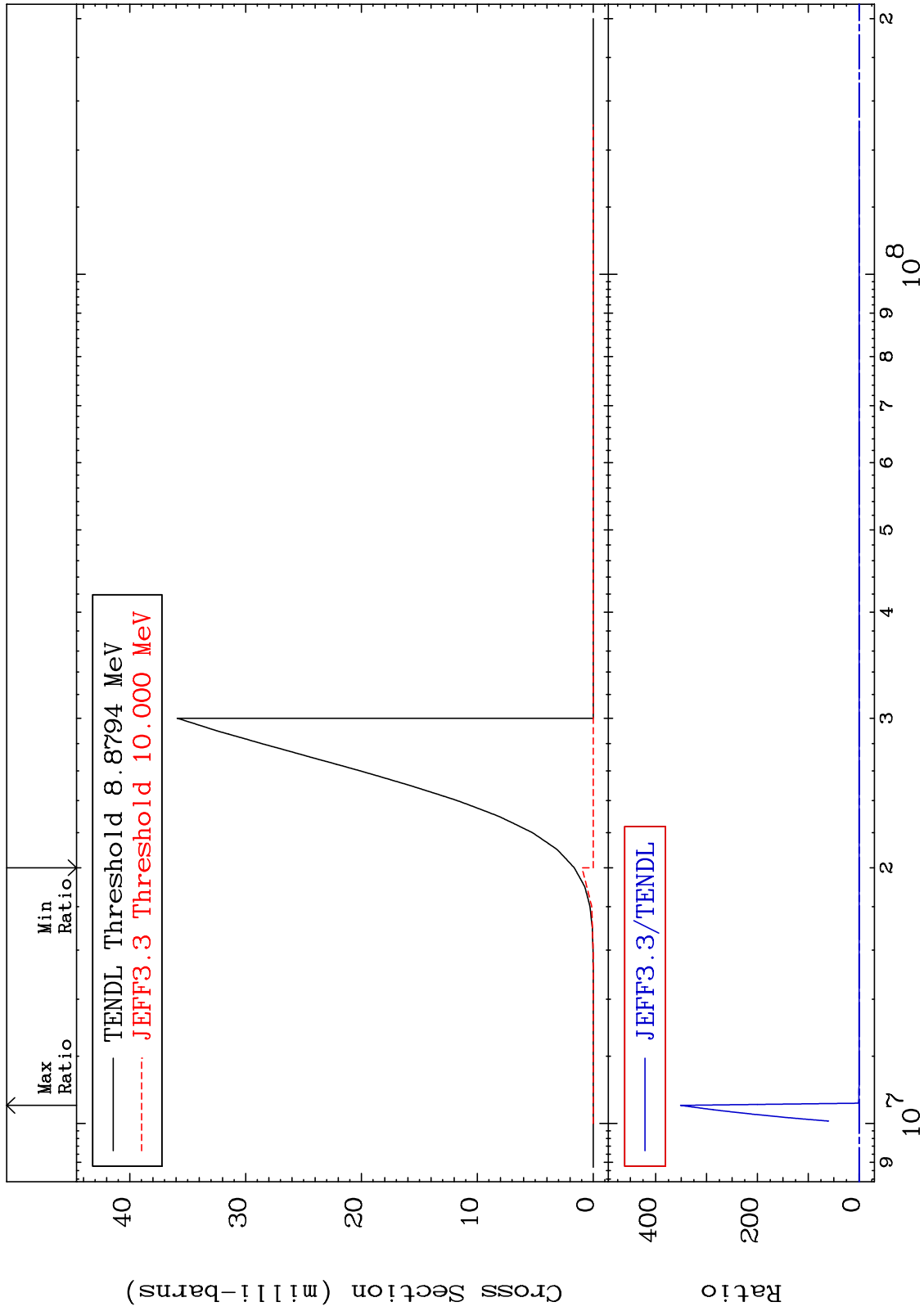
80-Hg-204

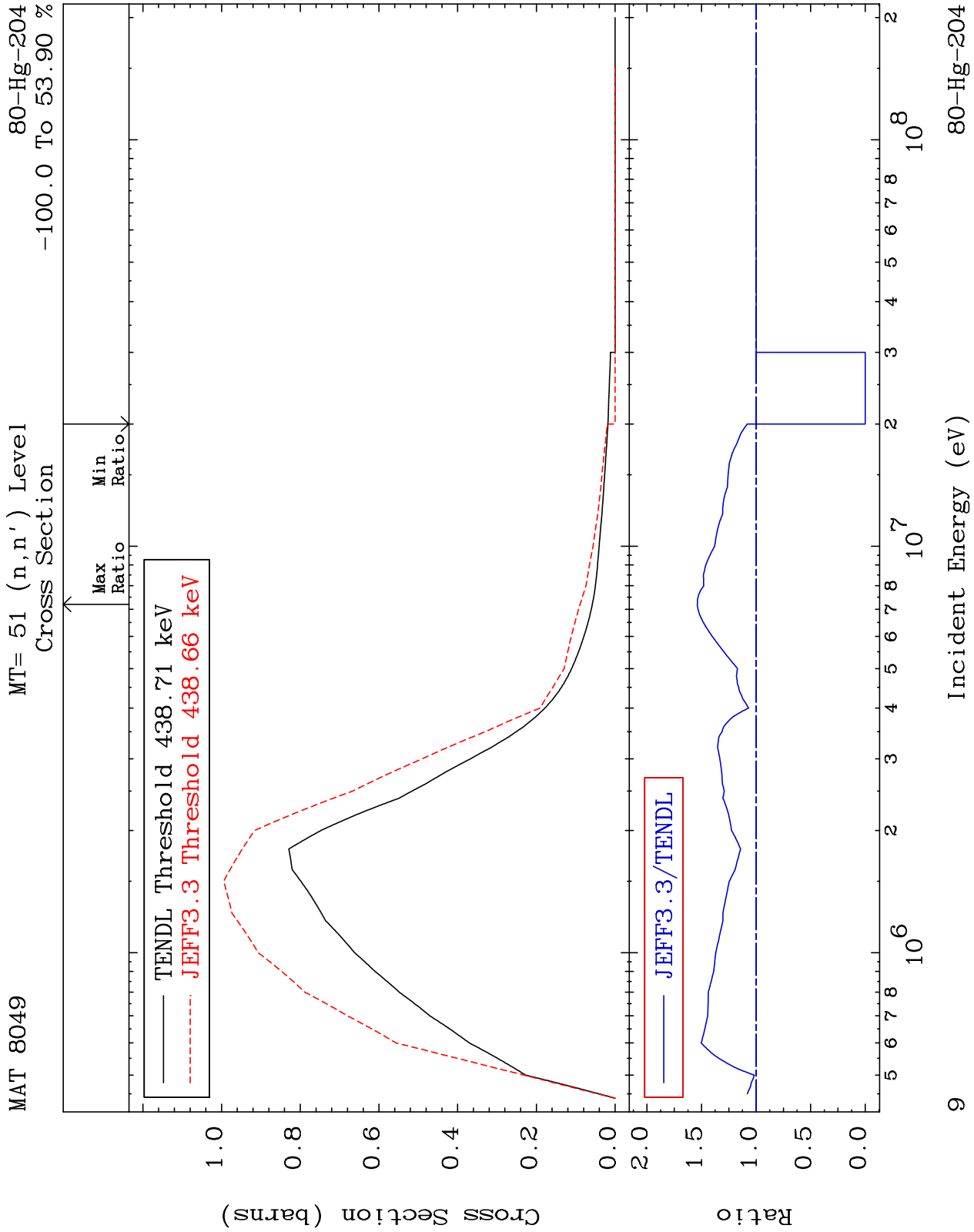


MAT 8049

(n,n') p  
Cross Section

80-Hg-204  
-100.0 To 9999. %

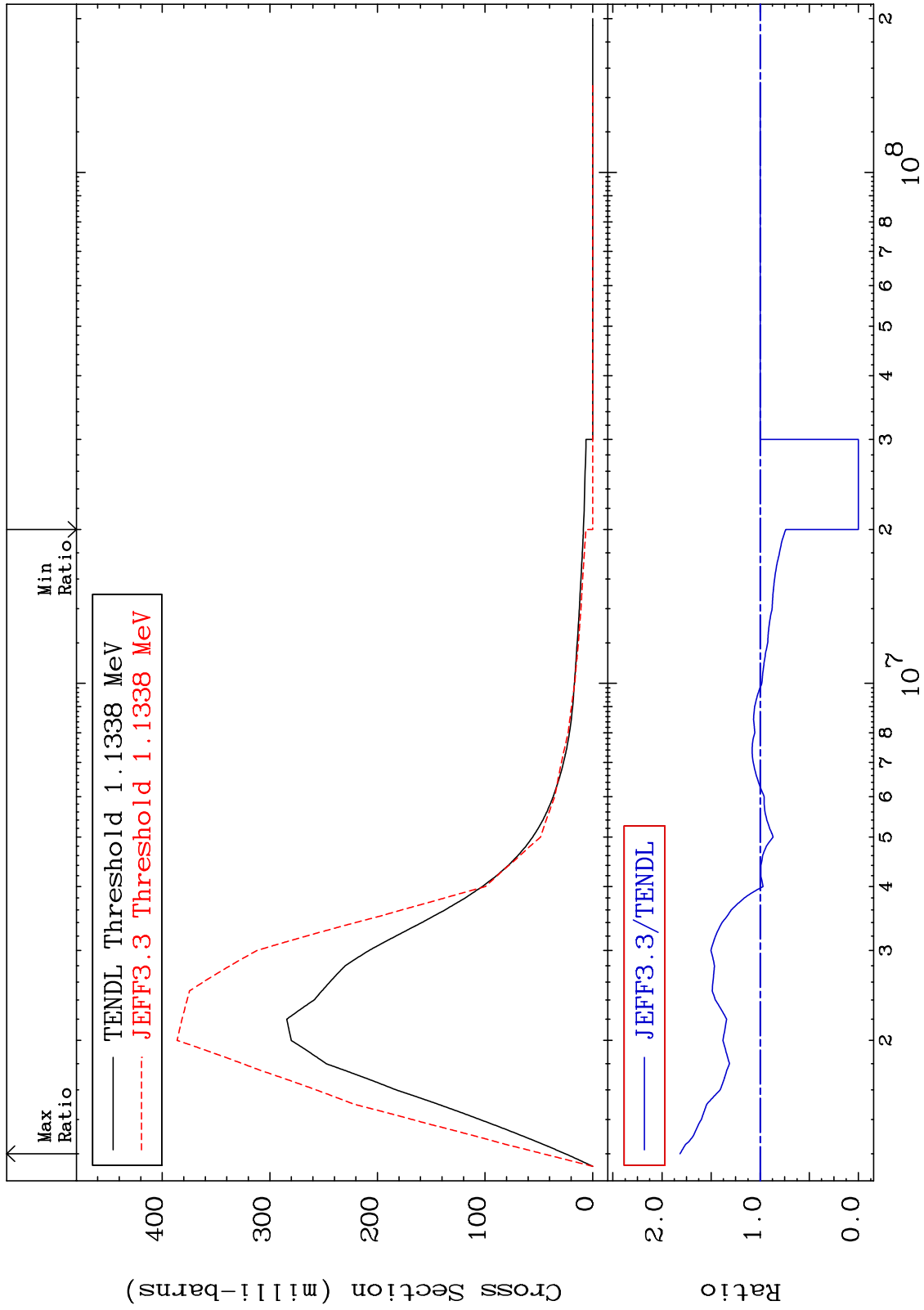




MAT 8049

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

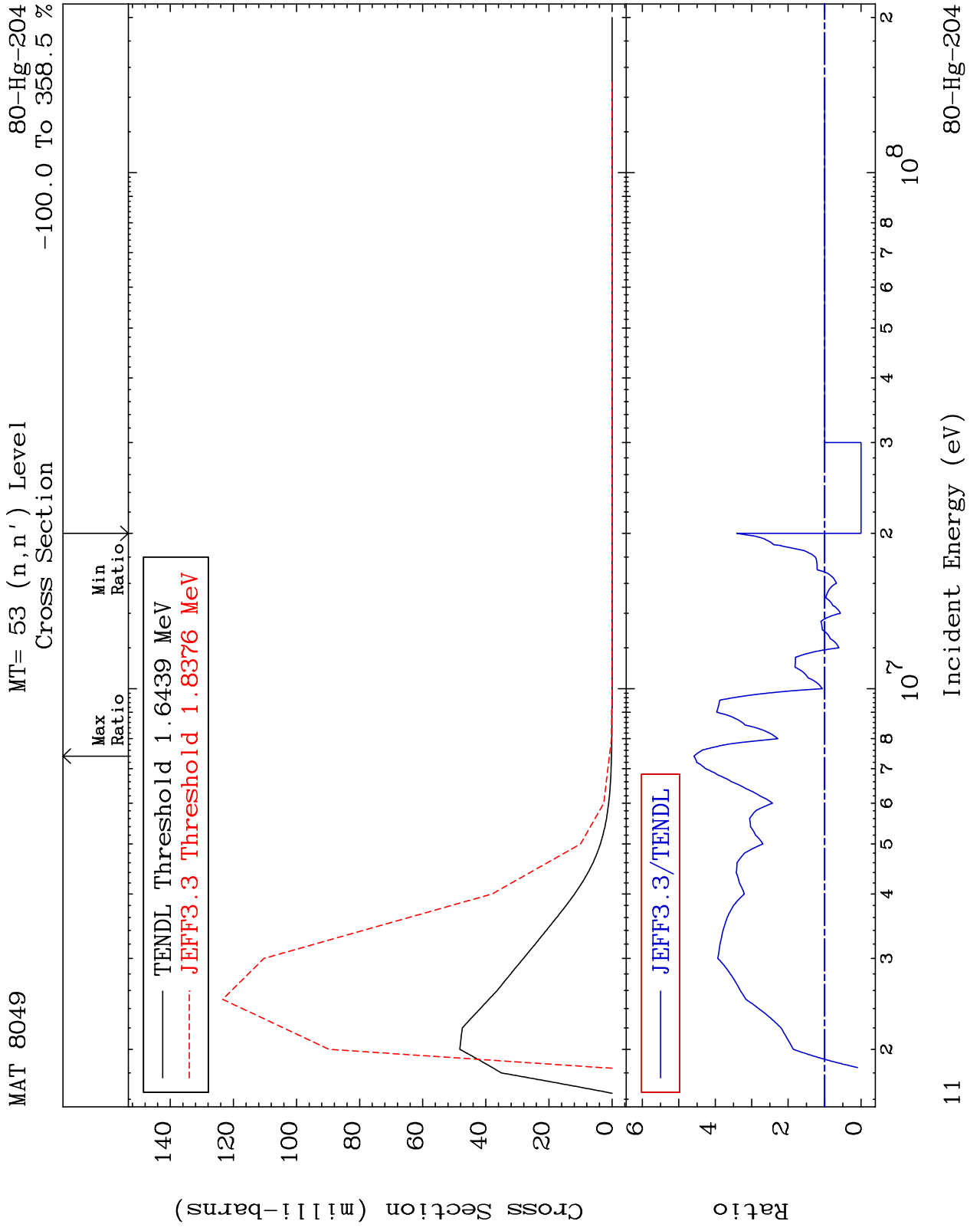
80-Hg-204  
-100.0 To 81.61 %



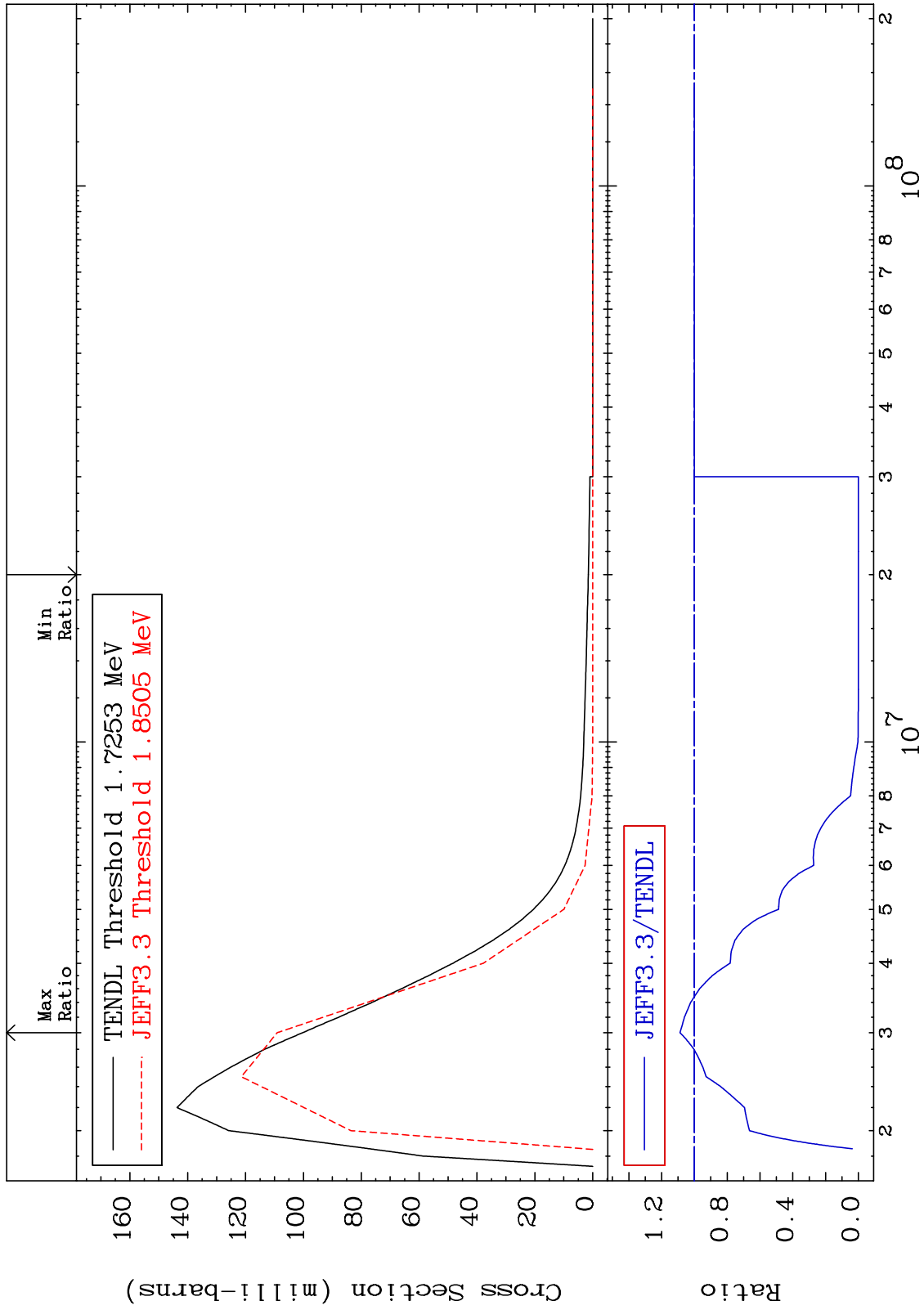
10

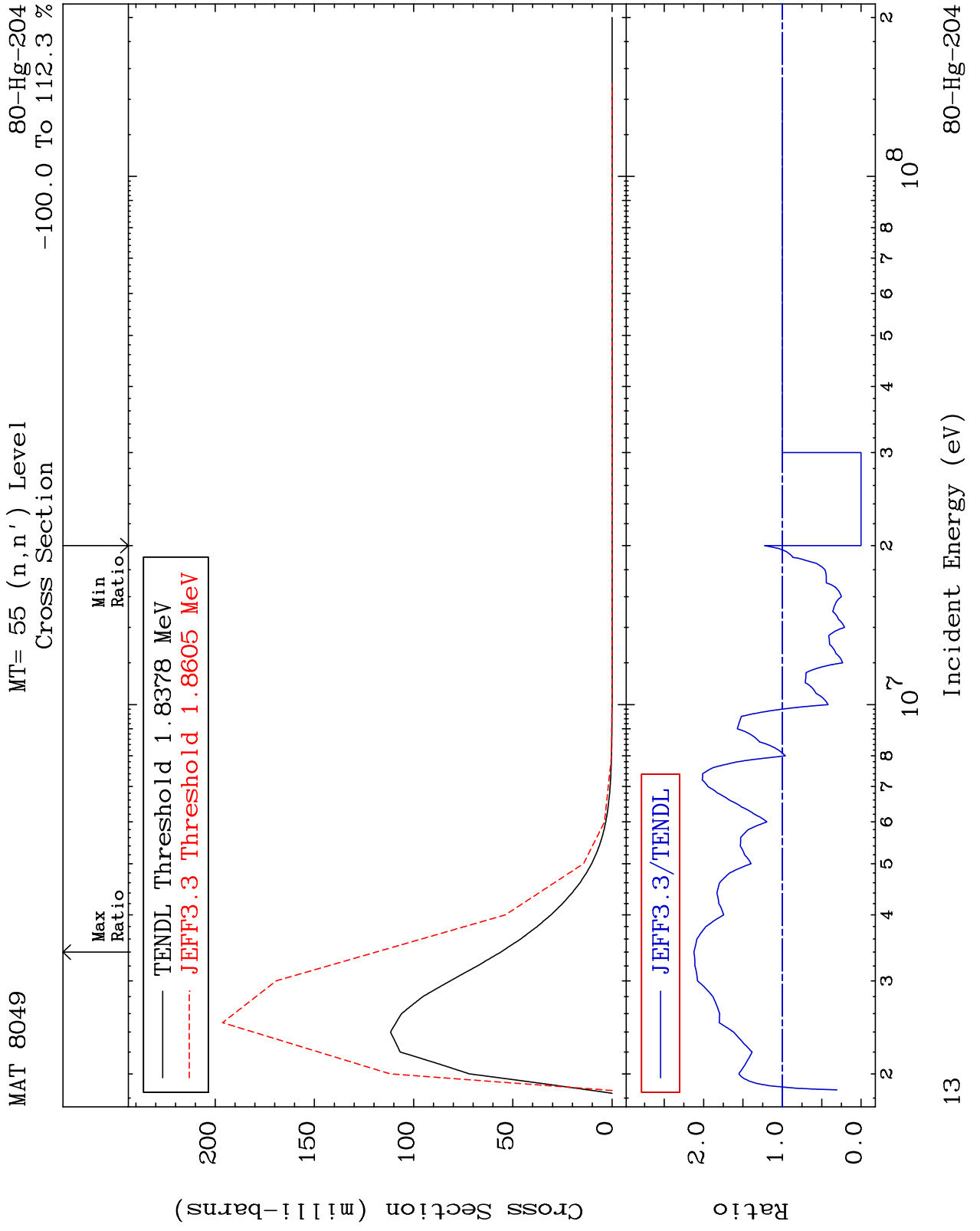
Incident Energy (eV)

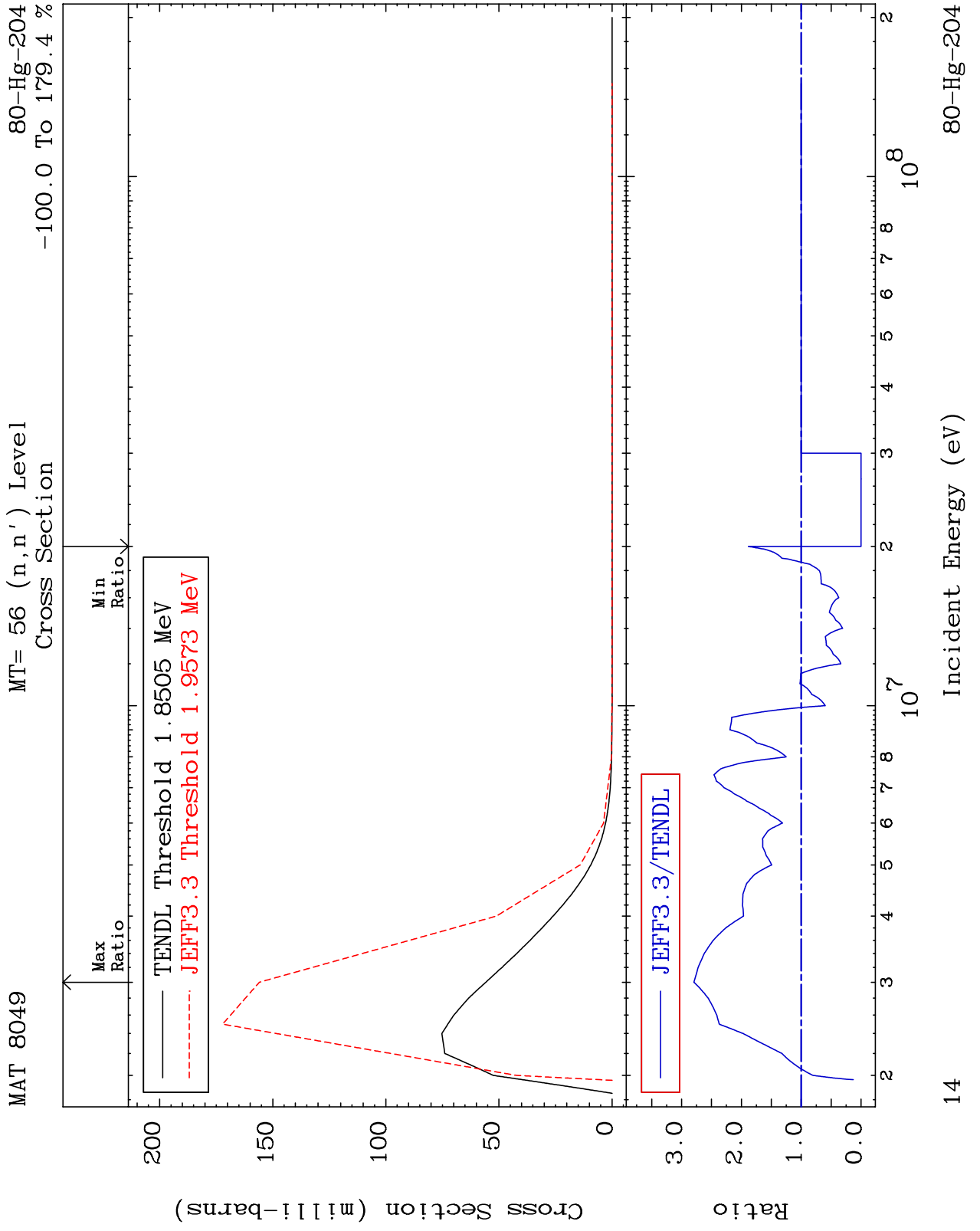
80-Hg-204



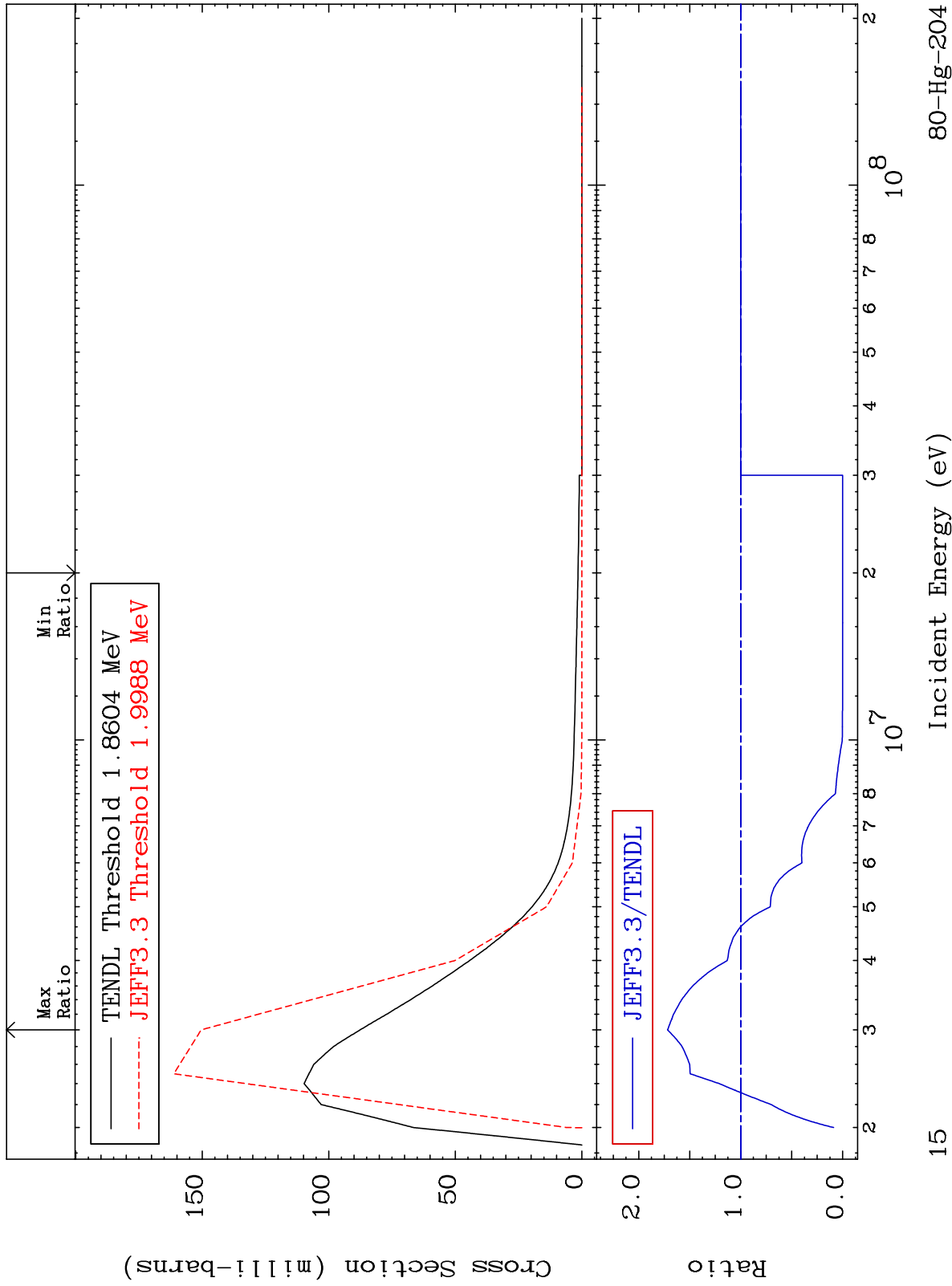
MAT 8049      MT= 54 (n,n') Level      80-Hg-204  
 Cross Section      -100.0 To 8.773 %





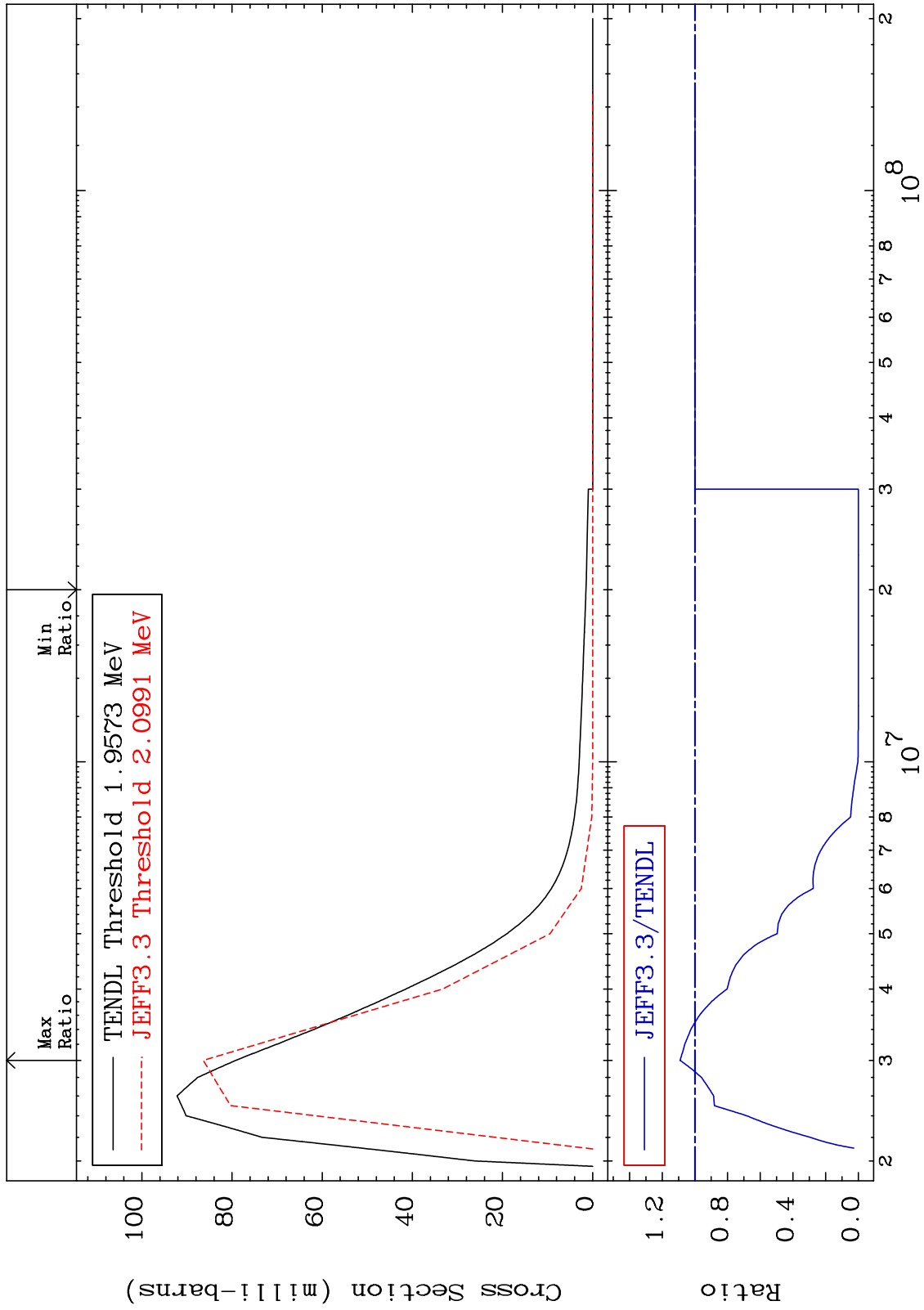


MAT 8049      MT= 57 (n, n') Level Cross Section      80-Hg-204  
 -100.0 To 71.72 %





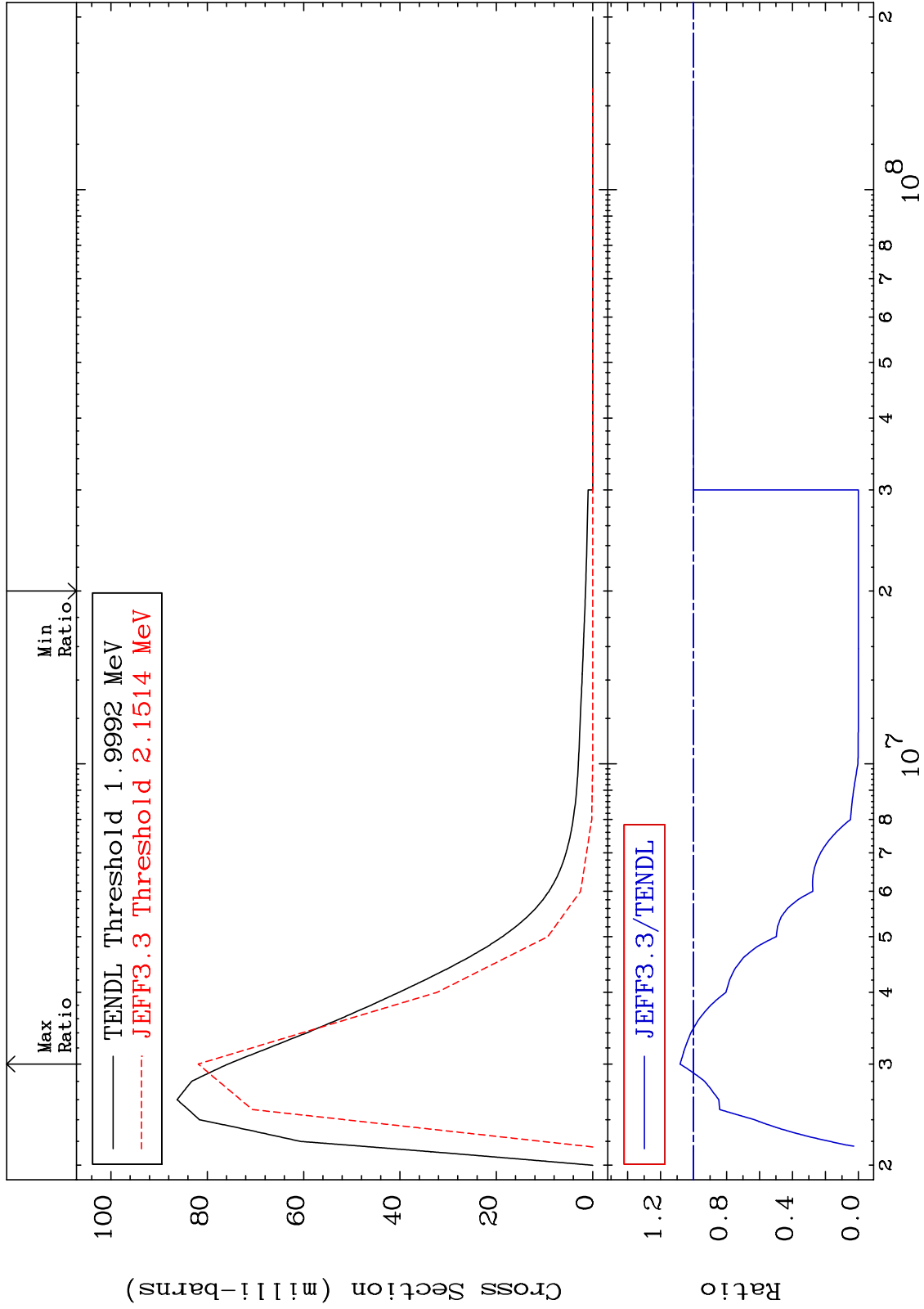
MAT 8049 MT= 58 (n,n') Level Cross Section 80-Hg-204  
-100.0 To 9.098 %

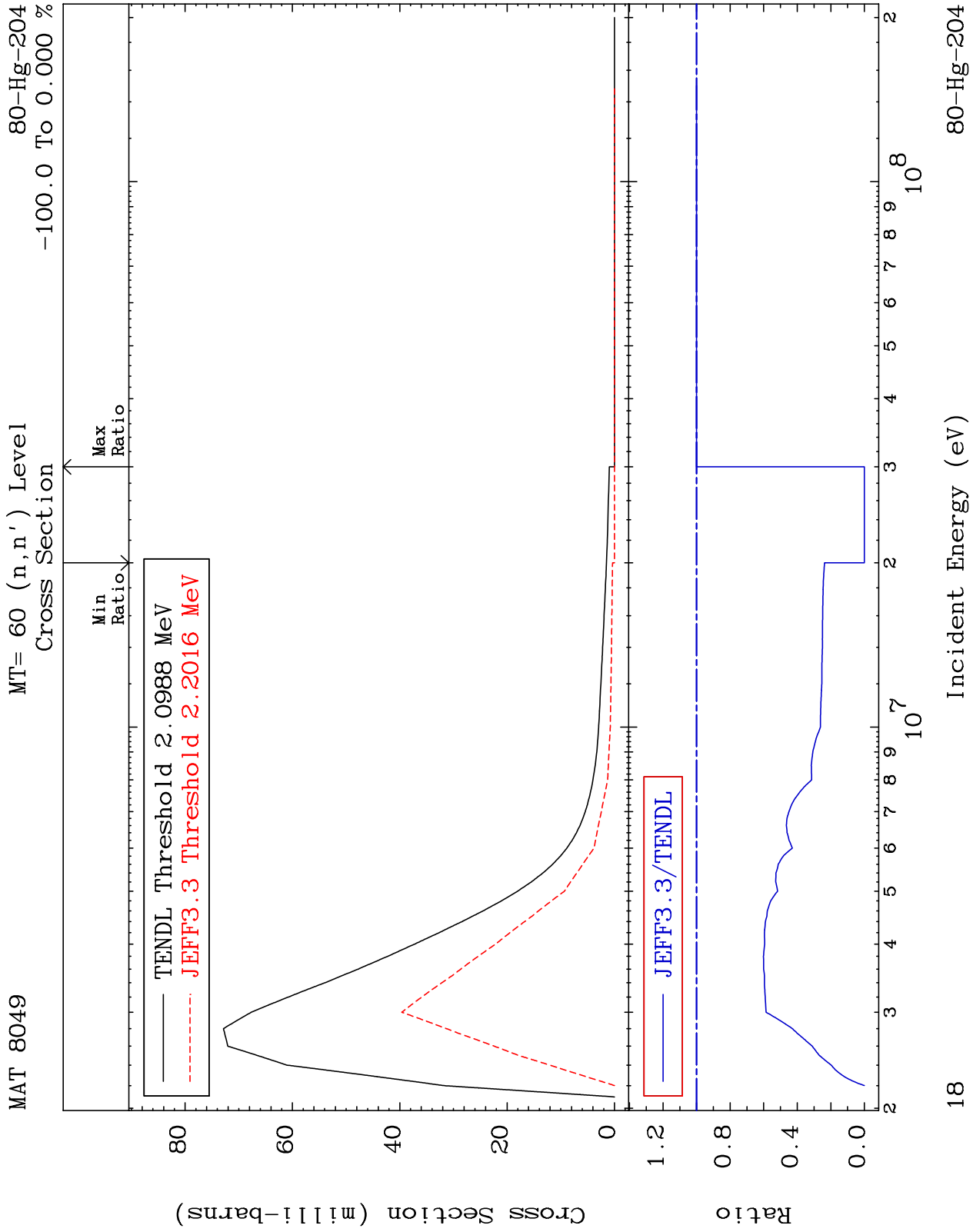


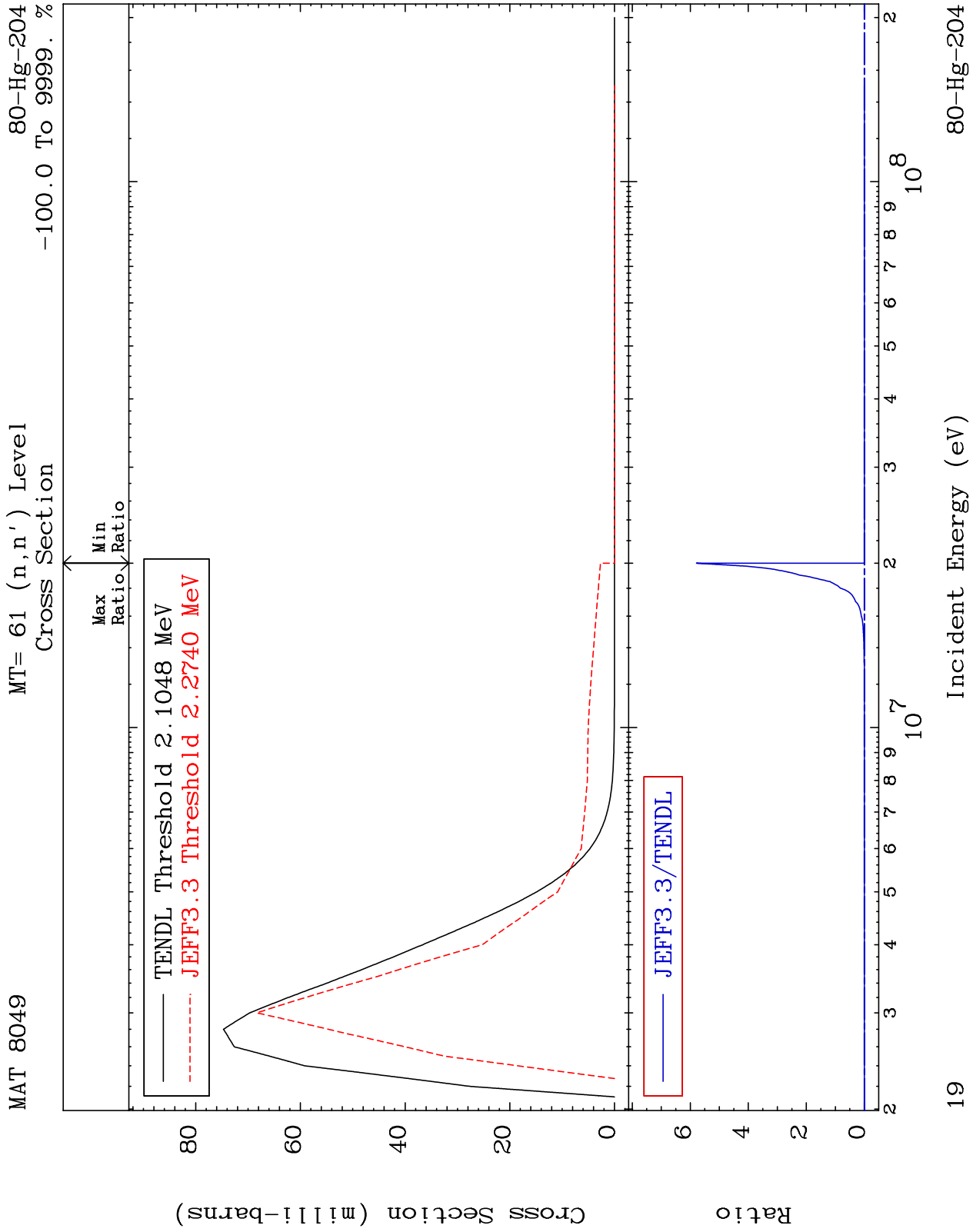
MAT 8049

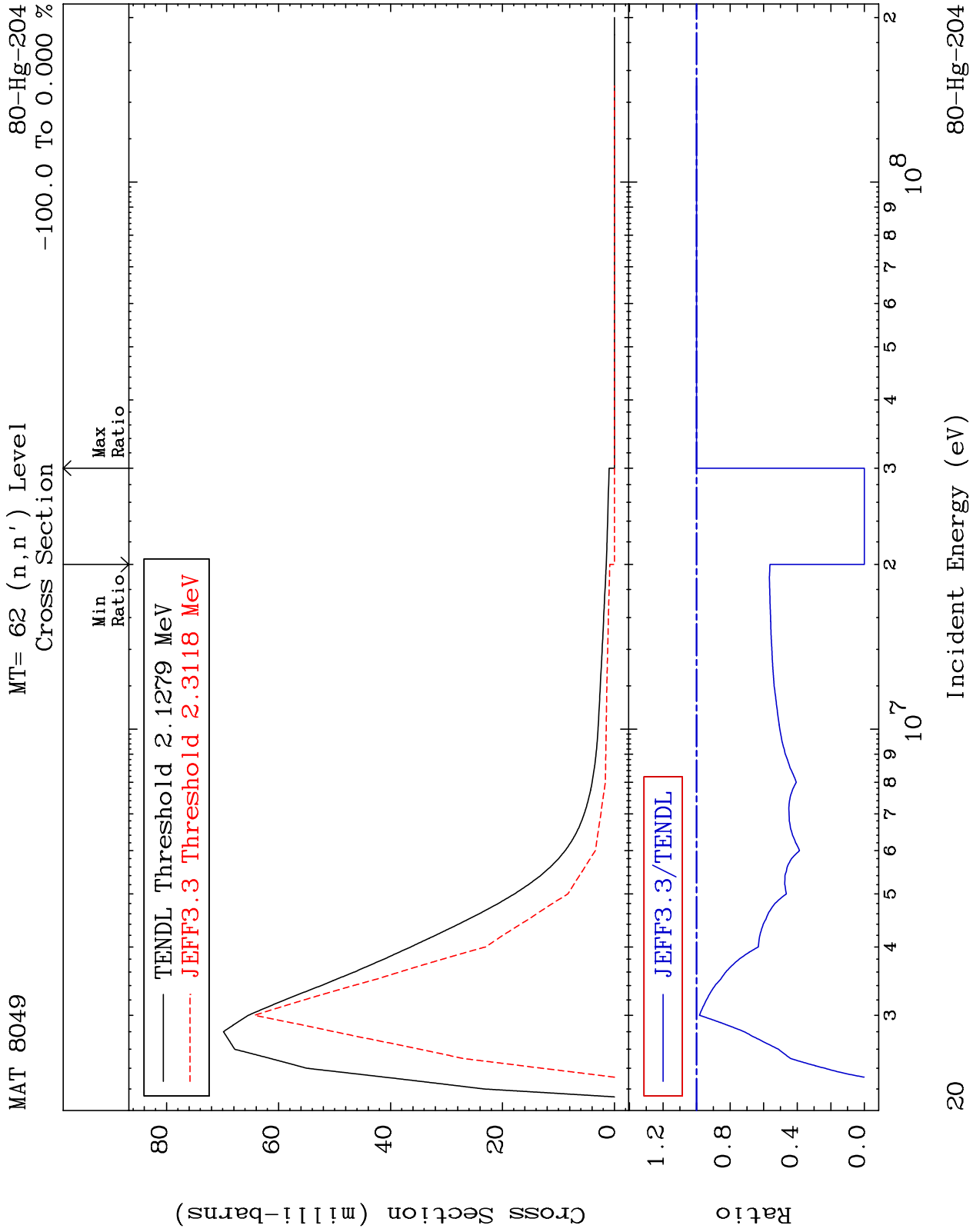
MT= 59 (n, n') Level  
Cross Section

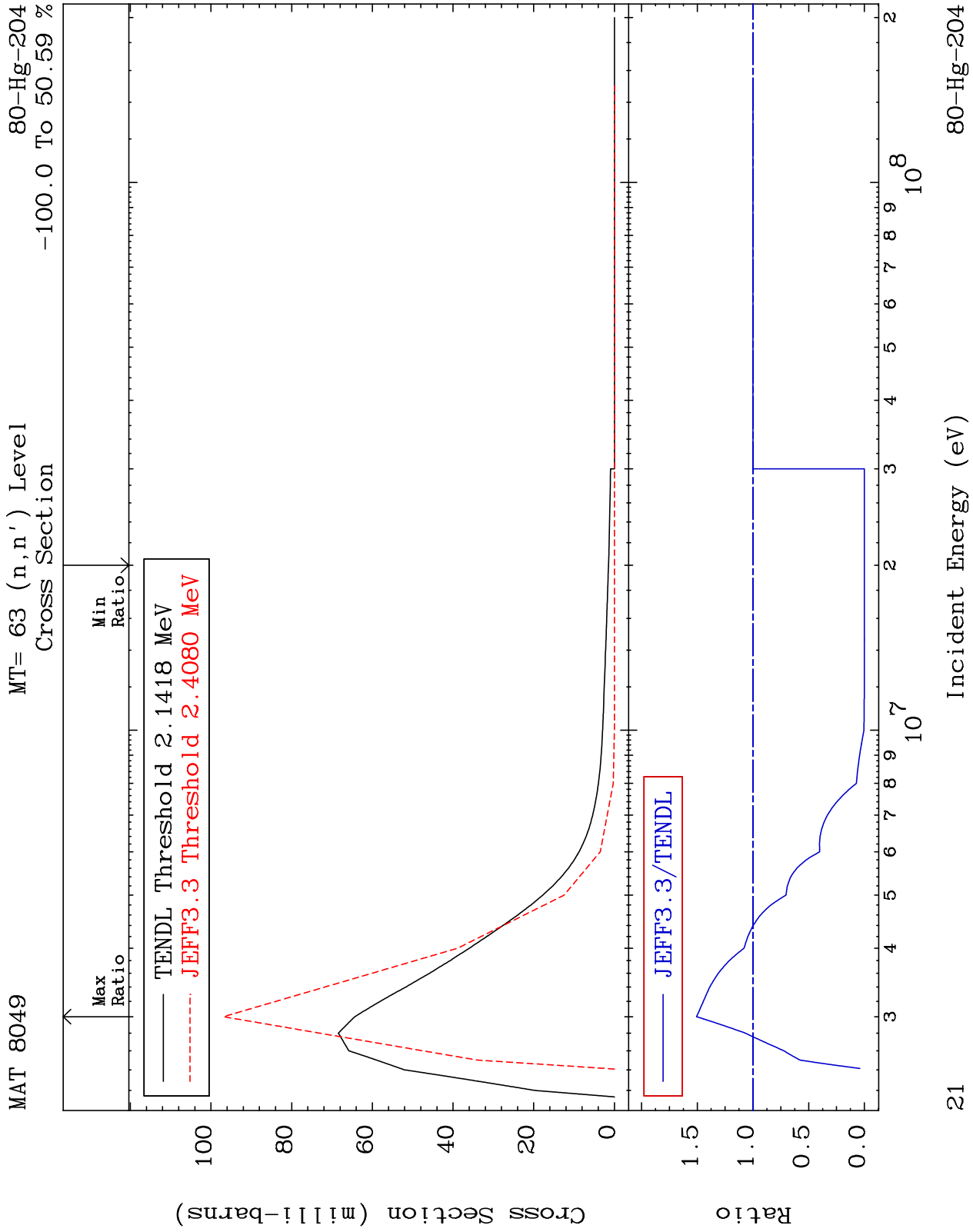
80-Hg-204  
-100.0 To 8.214 %







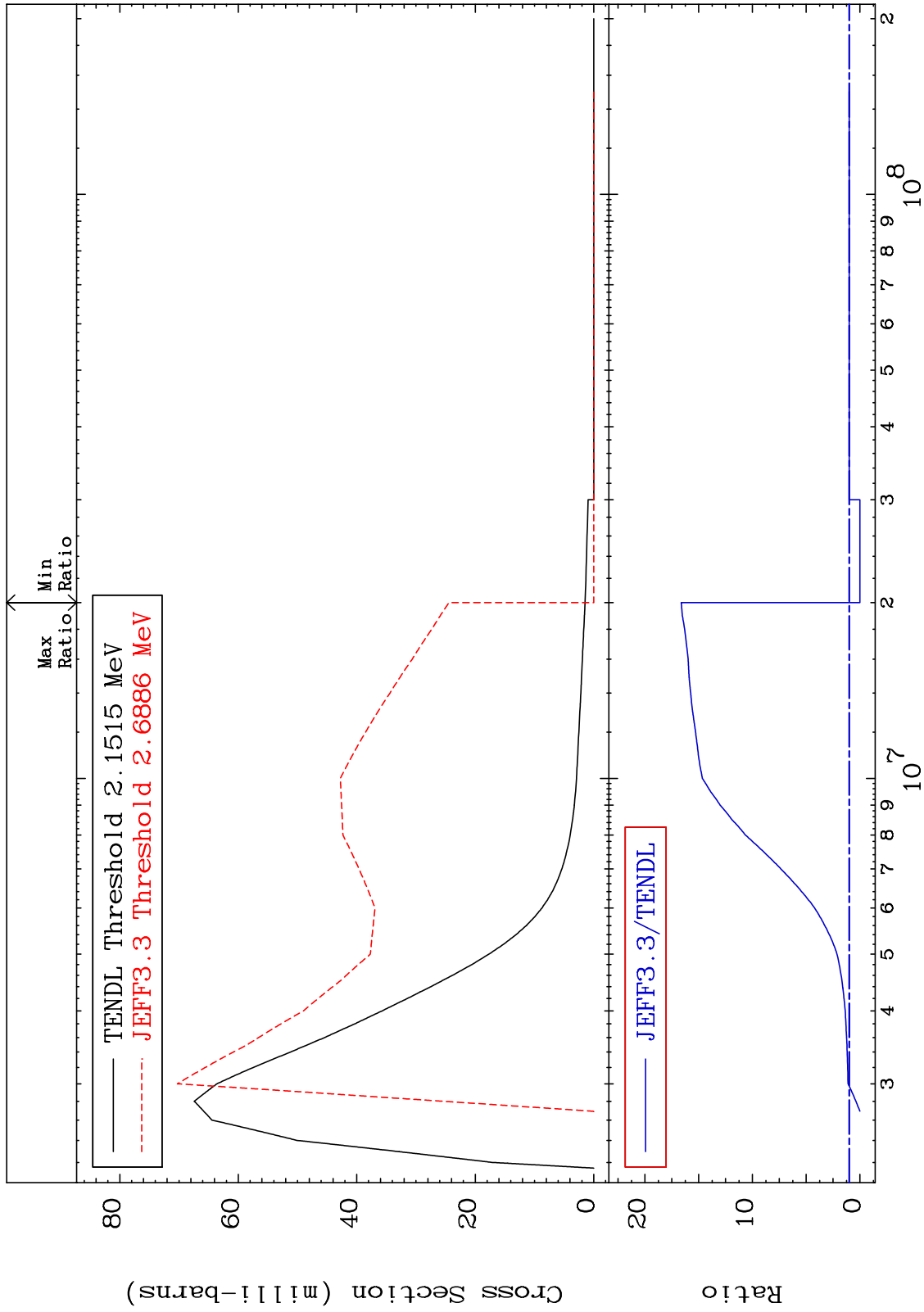




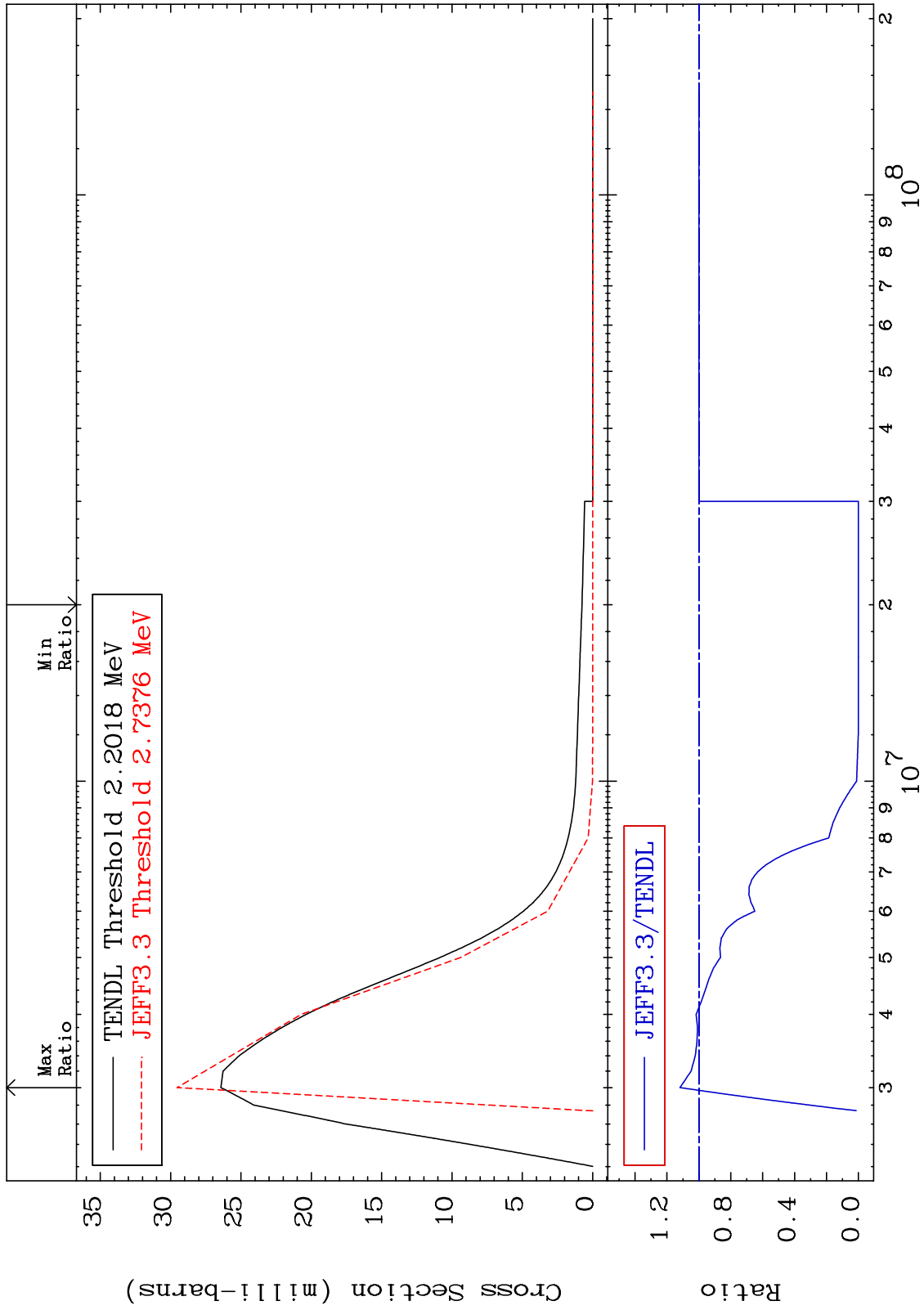
MAT 8049

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

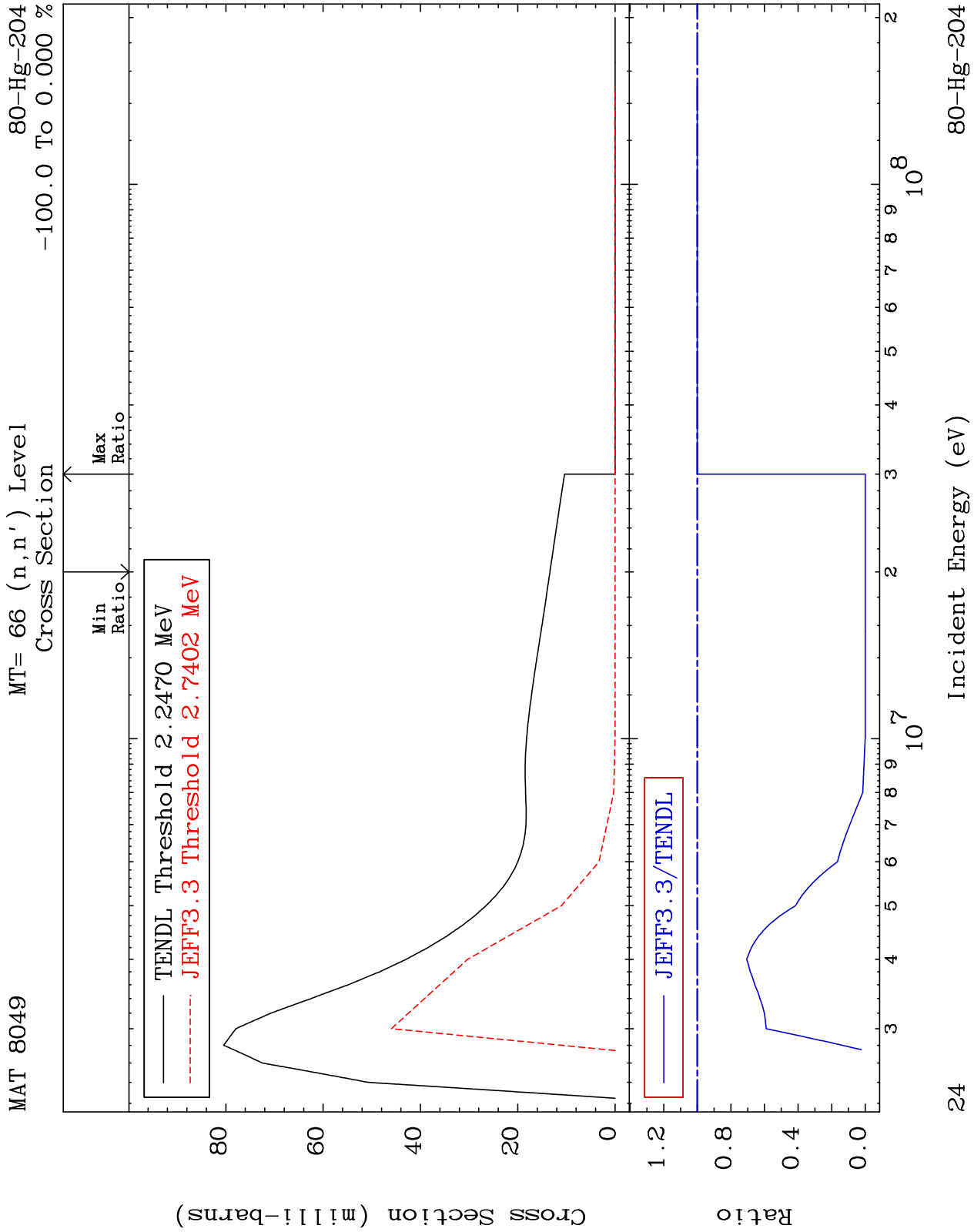
80-Hg-204  
-100.0 To 1563. %

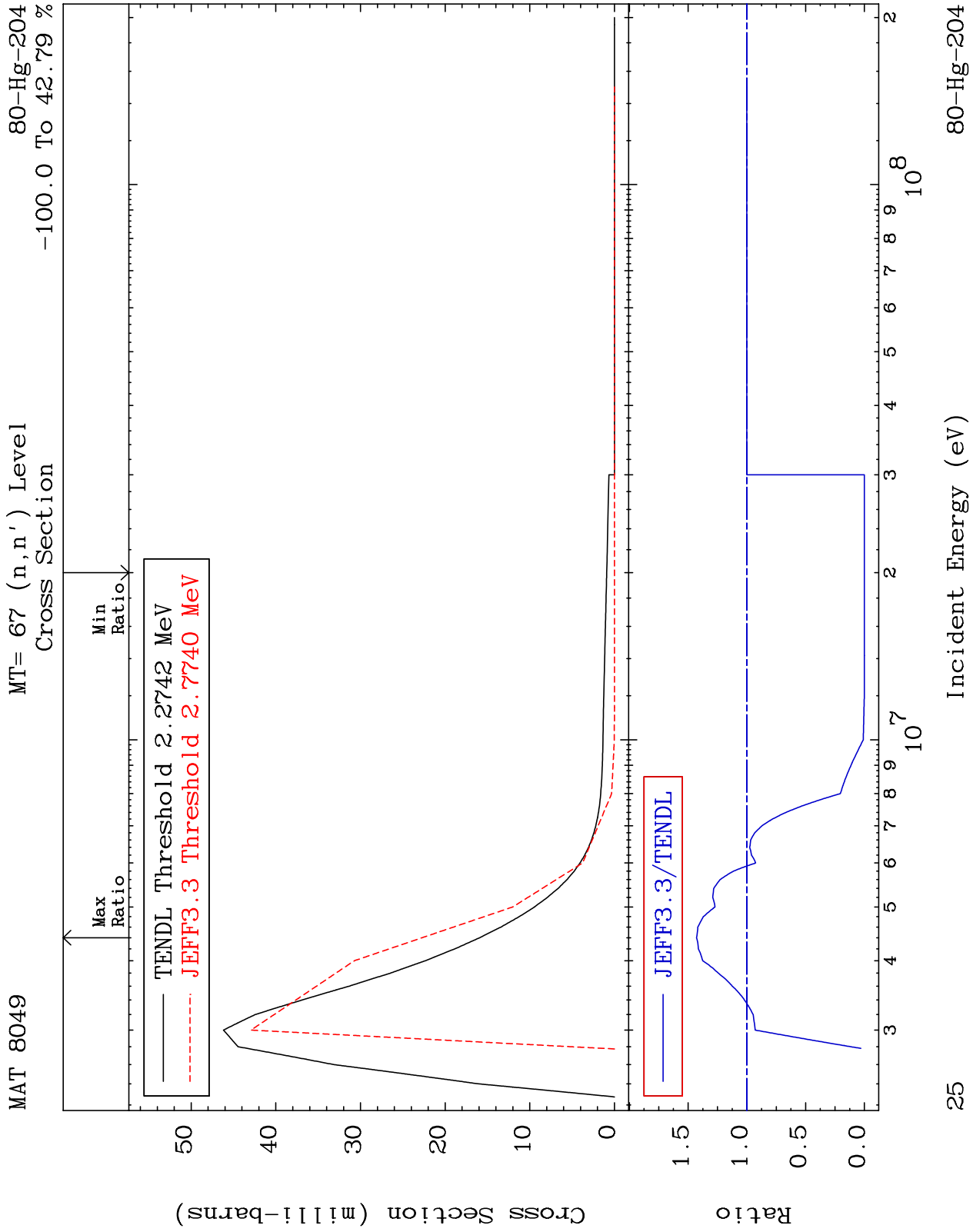


MAT 8049      MT= 65 (n,n') Level      80-Hg-204  
 Cross Section      -100.0 To 11.81 %





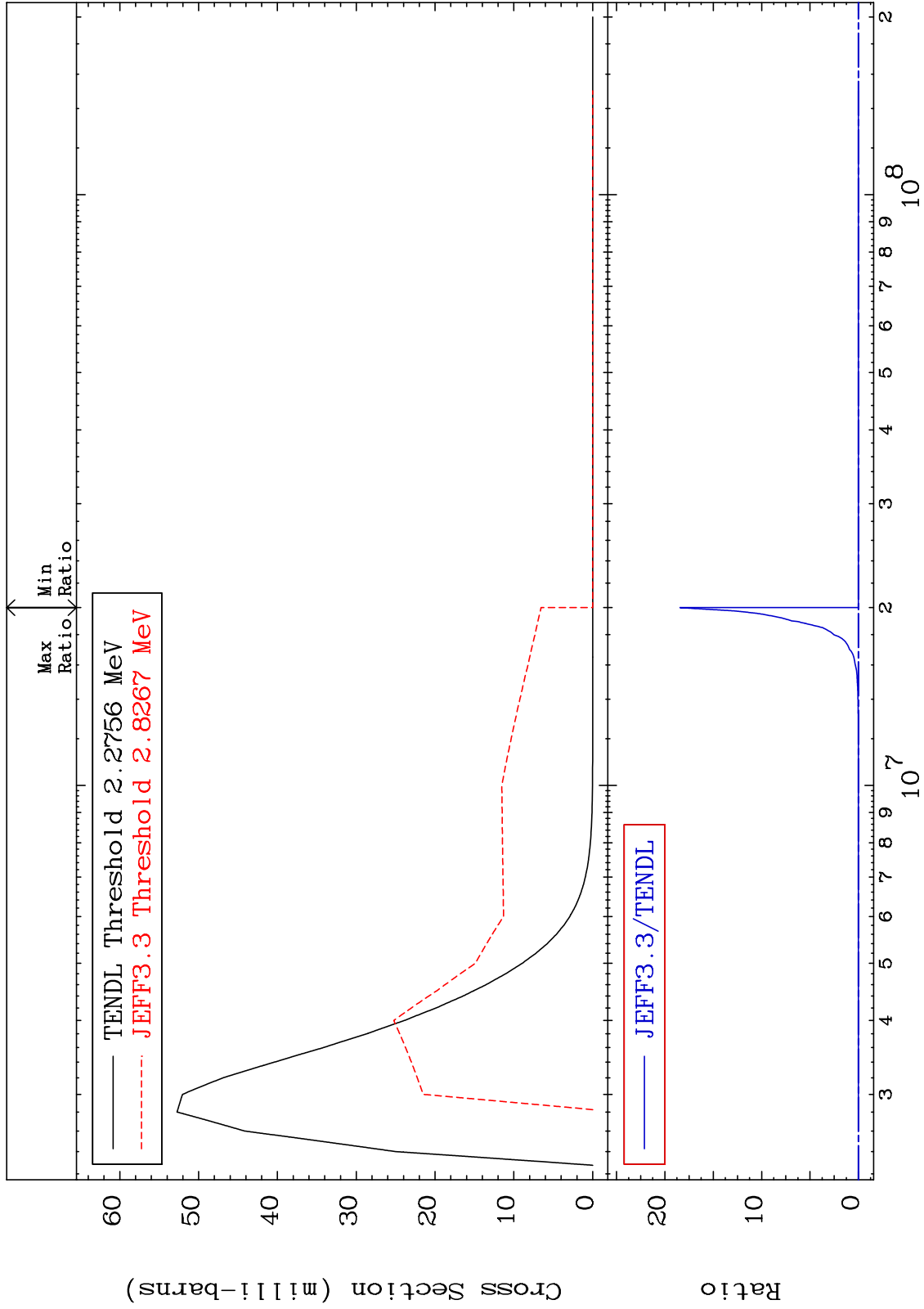




MAT 8049

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

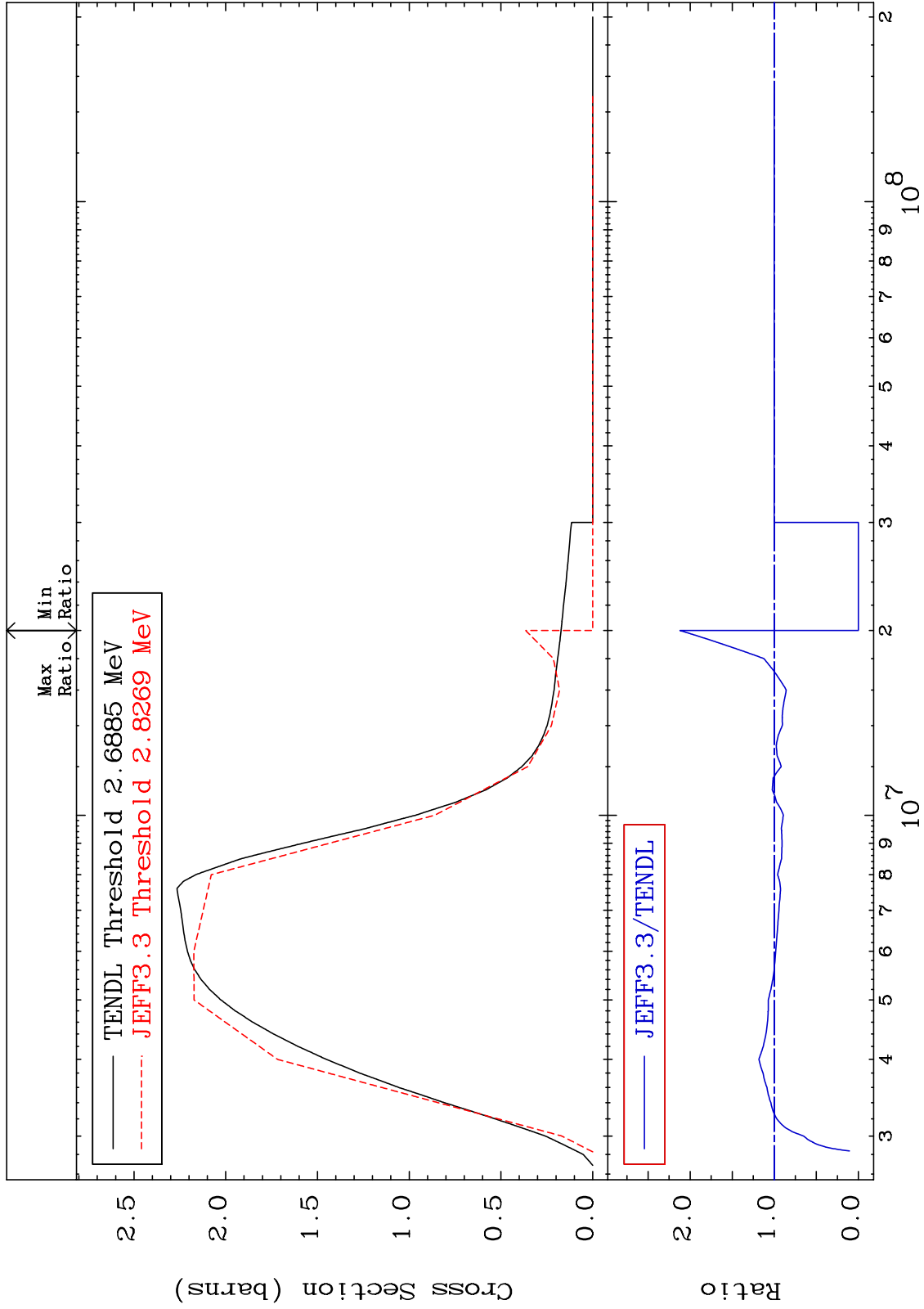
80-Hg-204  
-100.0 To 9999. %



MAT 8049

(n, n') Continuum  
Cross Section

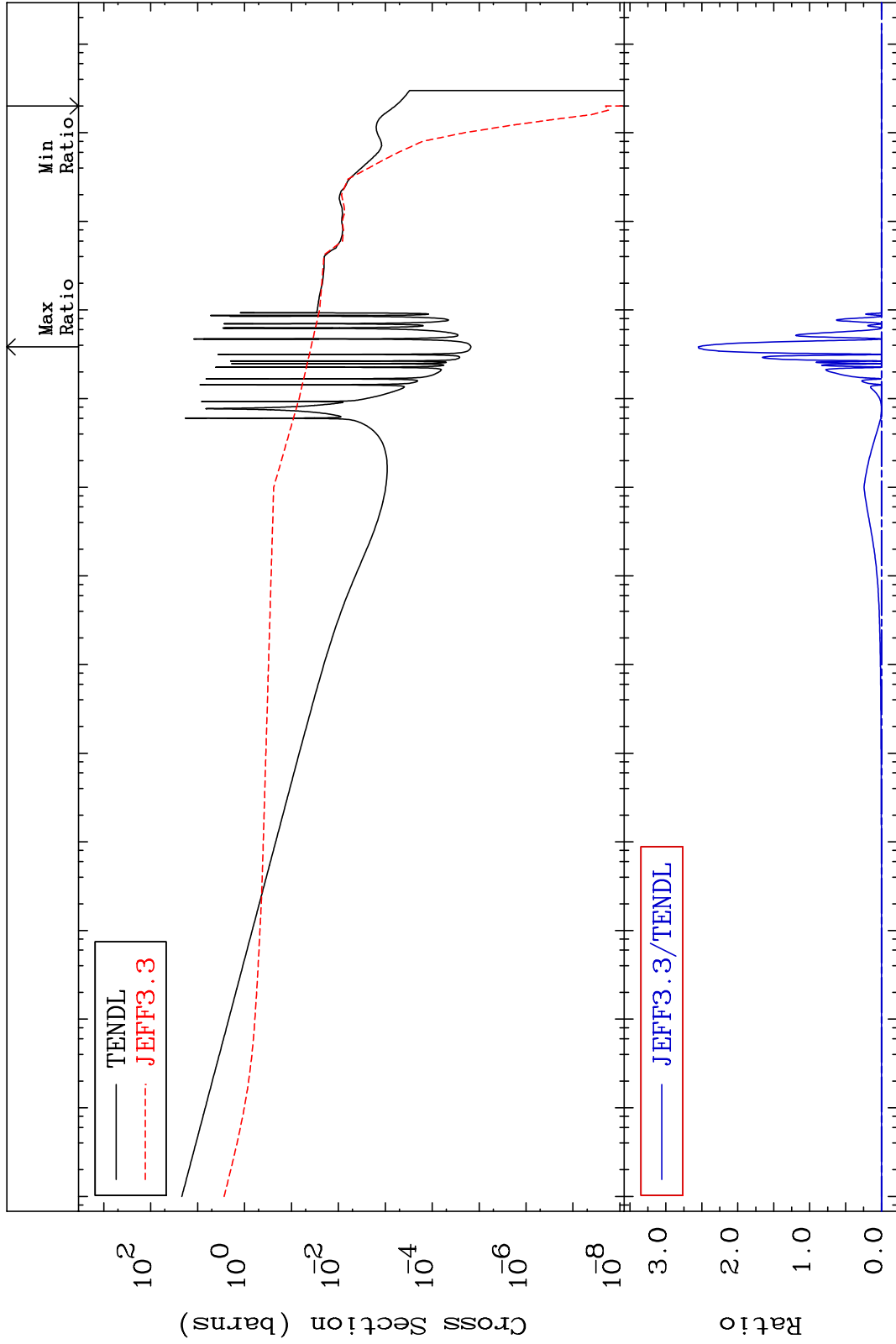
80-Hg-204  
-100.0 To 112.0 %



MAT 8049

(n,  $\gamma$ )  
Cross Section

80-Hg-204  
-100.0 To 9999. %

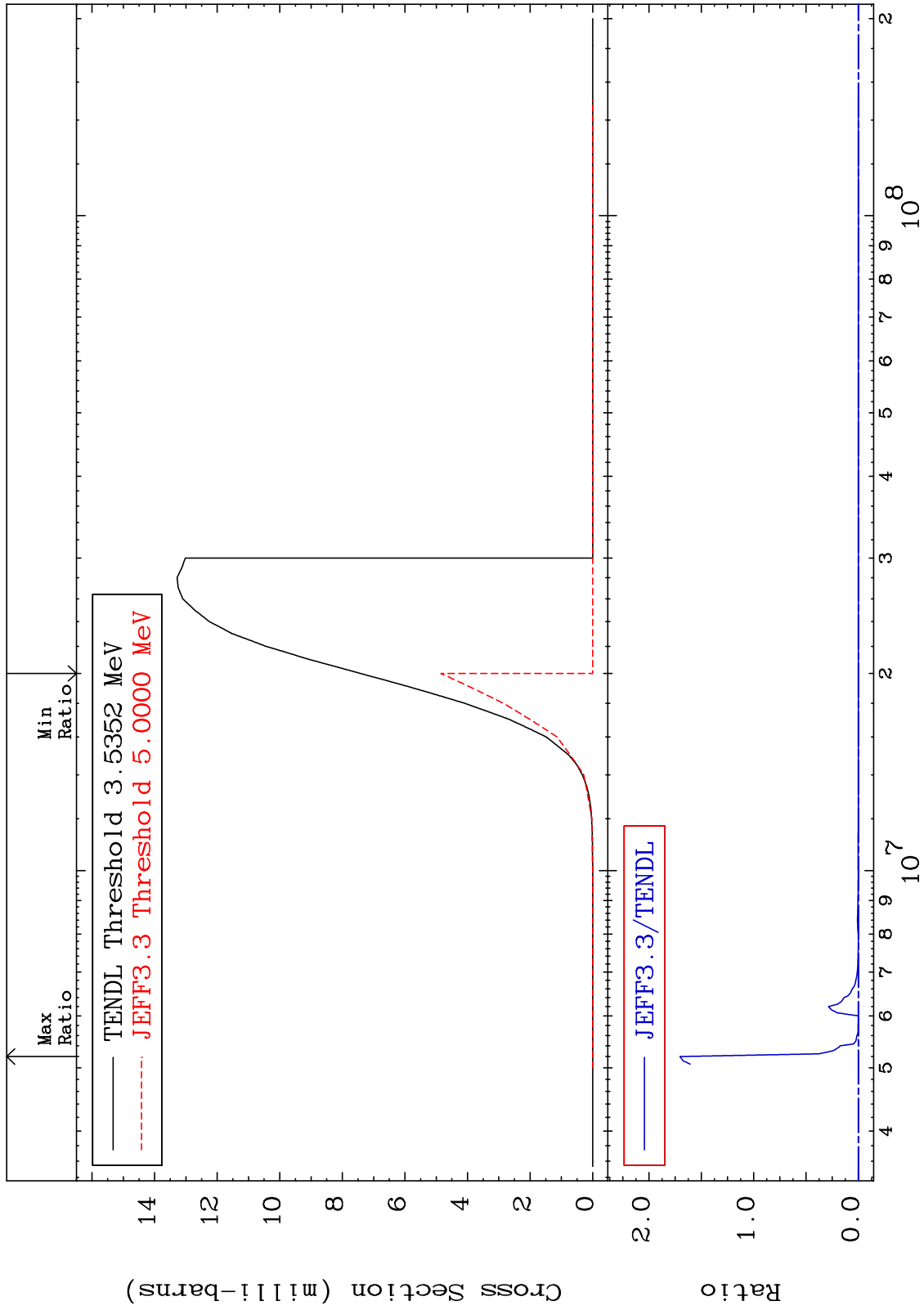


Incident Energy (eV)

80-Hg-204

28

MAT 8049 (n,p) Cross Section 80-Hg-204 -100.0 To 9999. %



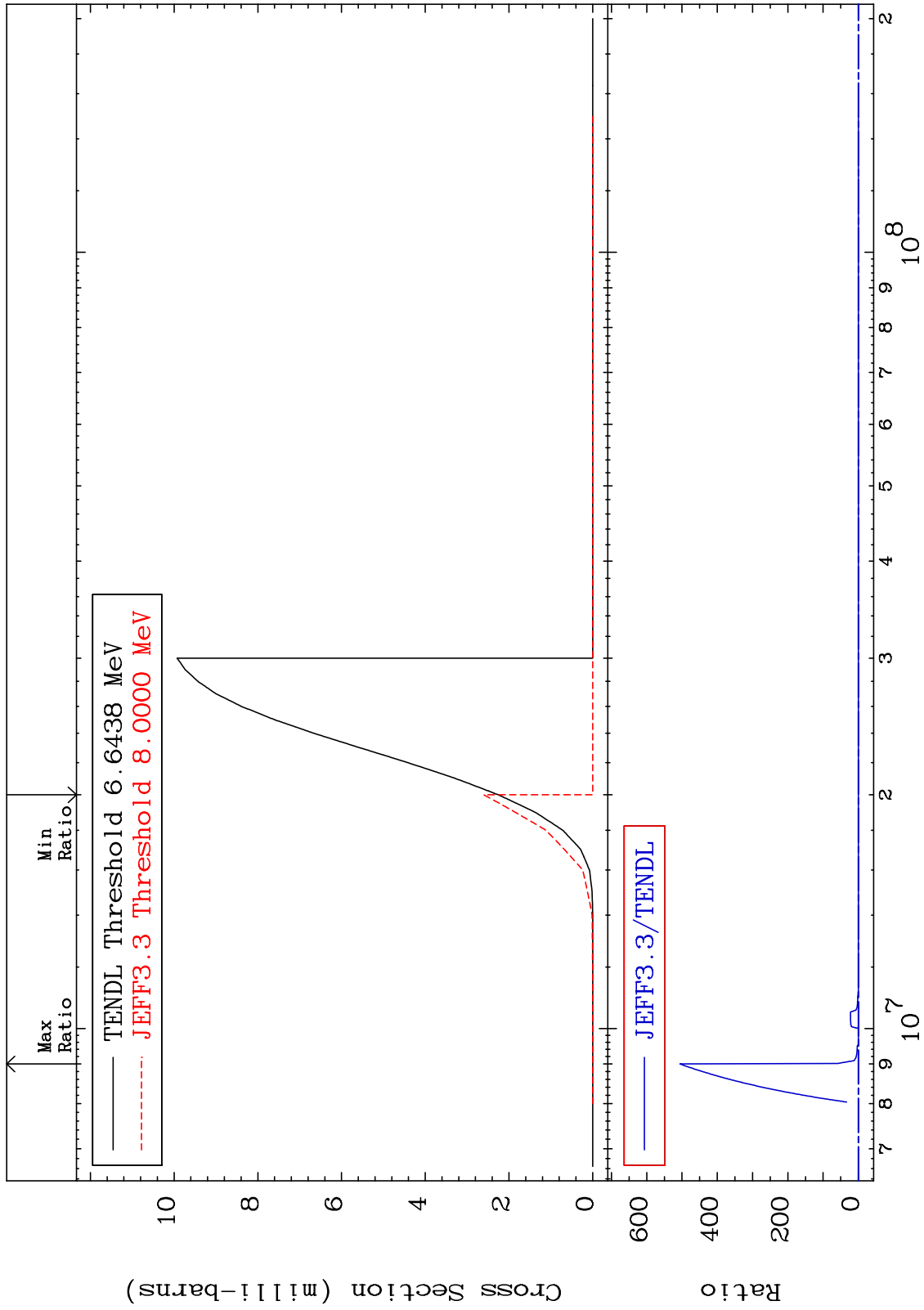
MAT 8049

(n, d)

80-Hg-204

Cross Section

-100.0 To 9999. %



— TENDL Threshold 6.6438 MeV  
- - - JEFF3.3 Threshold 8.0000 MeV

JEFF3.3/TENDL

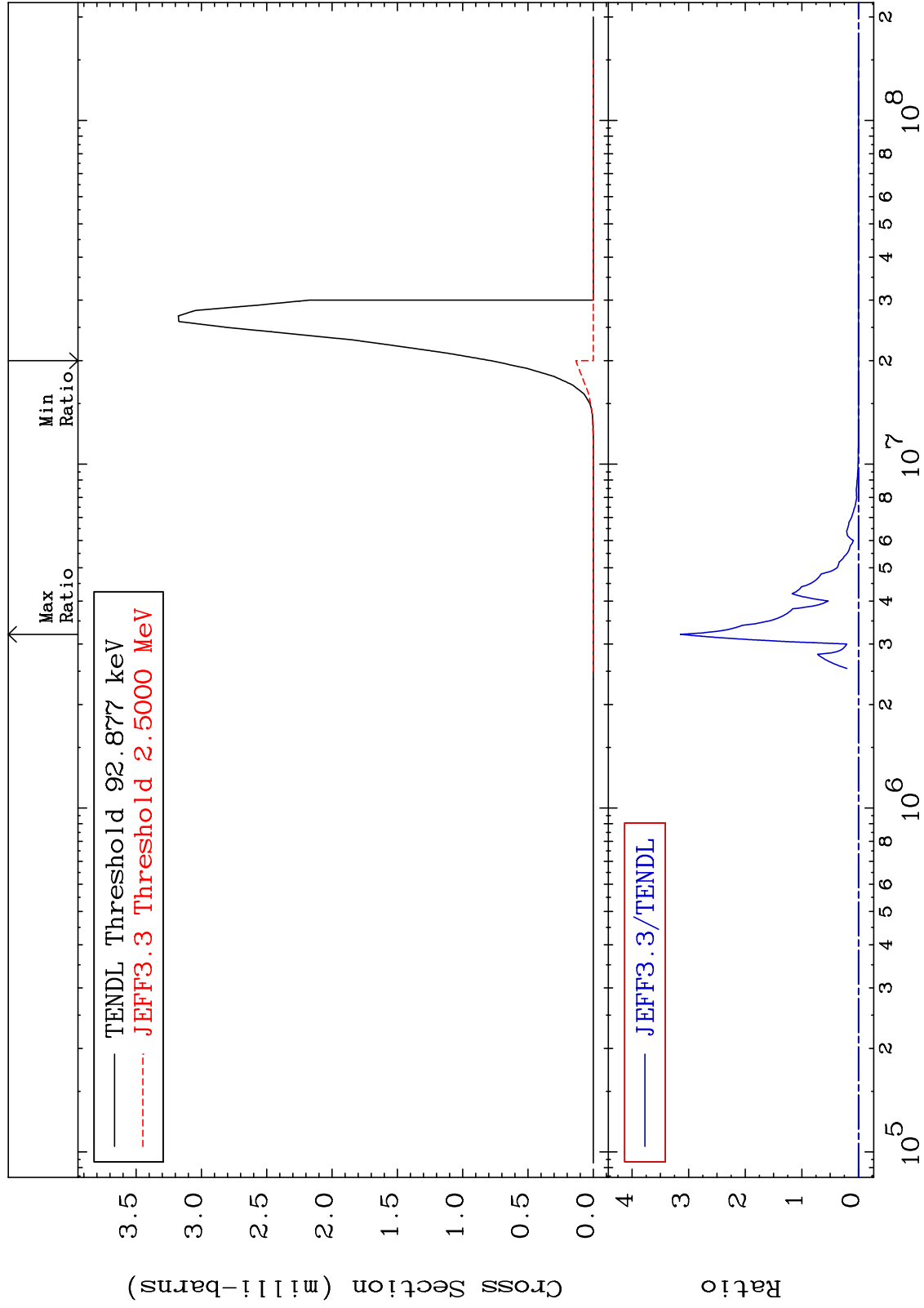
30

Incident Energy (eV)

80-Hg-204

MAT 8049

(n,  $\alpha$ ) Cross Section  
80-Hg-204  
-100.0 To 9999. %



31

Incident Energy (eV)

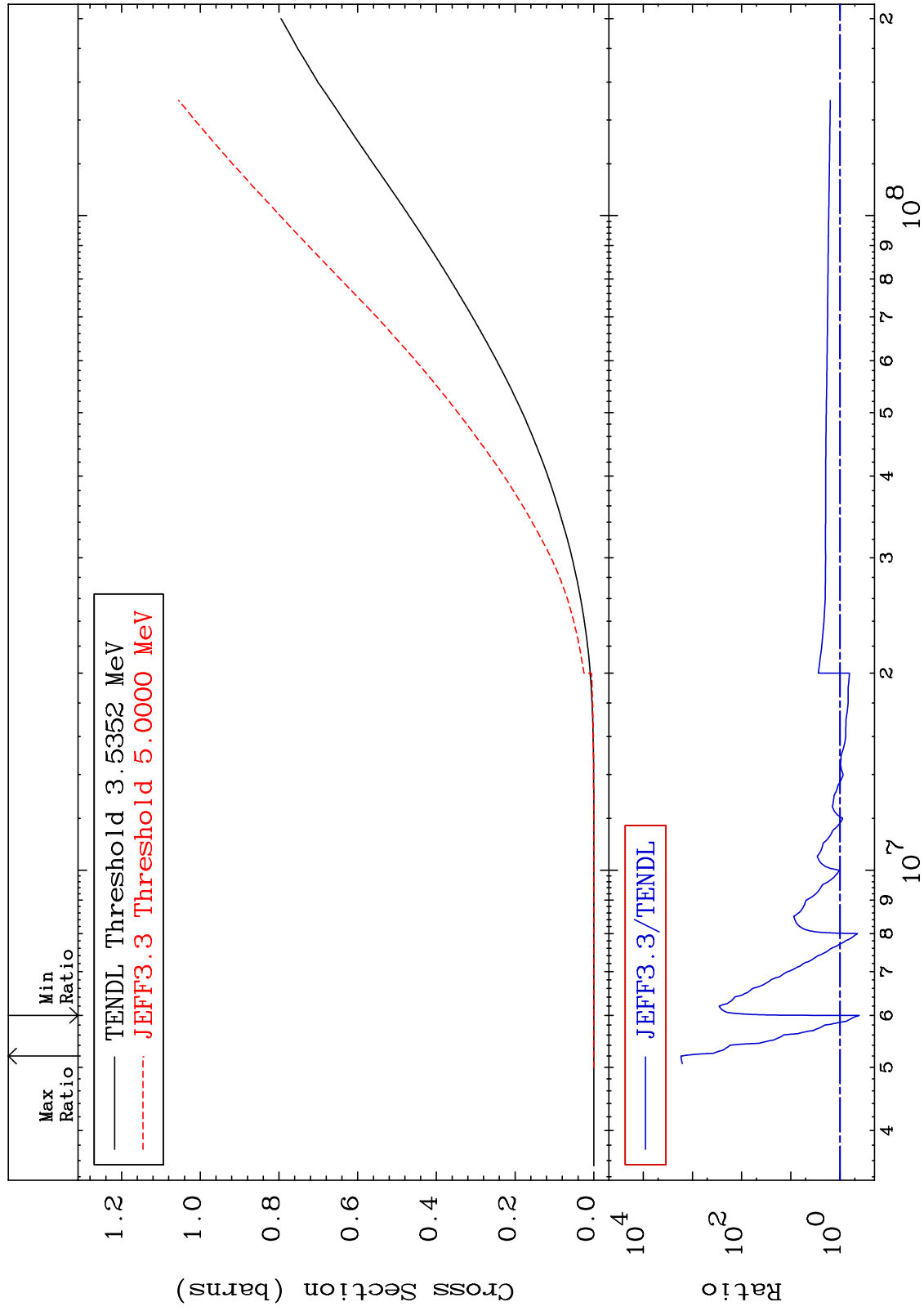
80-Hg-204



MAT 8049

Hydrogen Production  
Cross Section

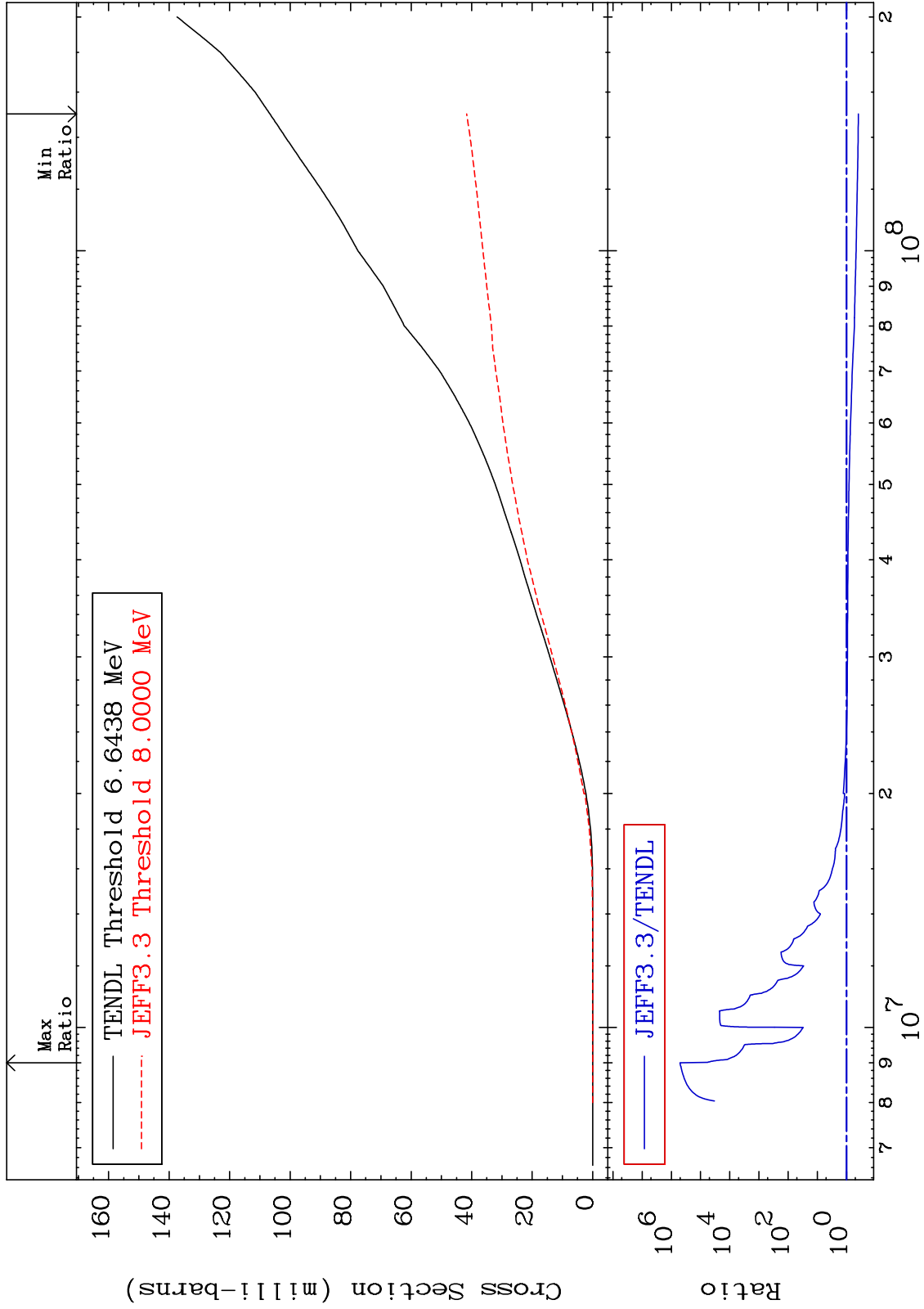
80-Hg-204  
-59.49 To 9999. %



MAT 8049

Deuterium Production  
Cross Section

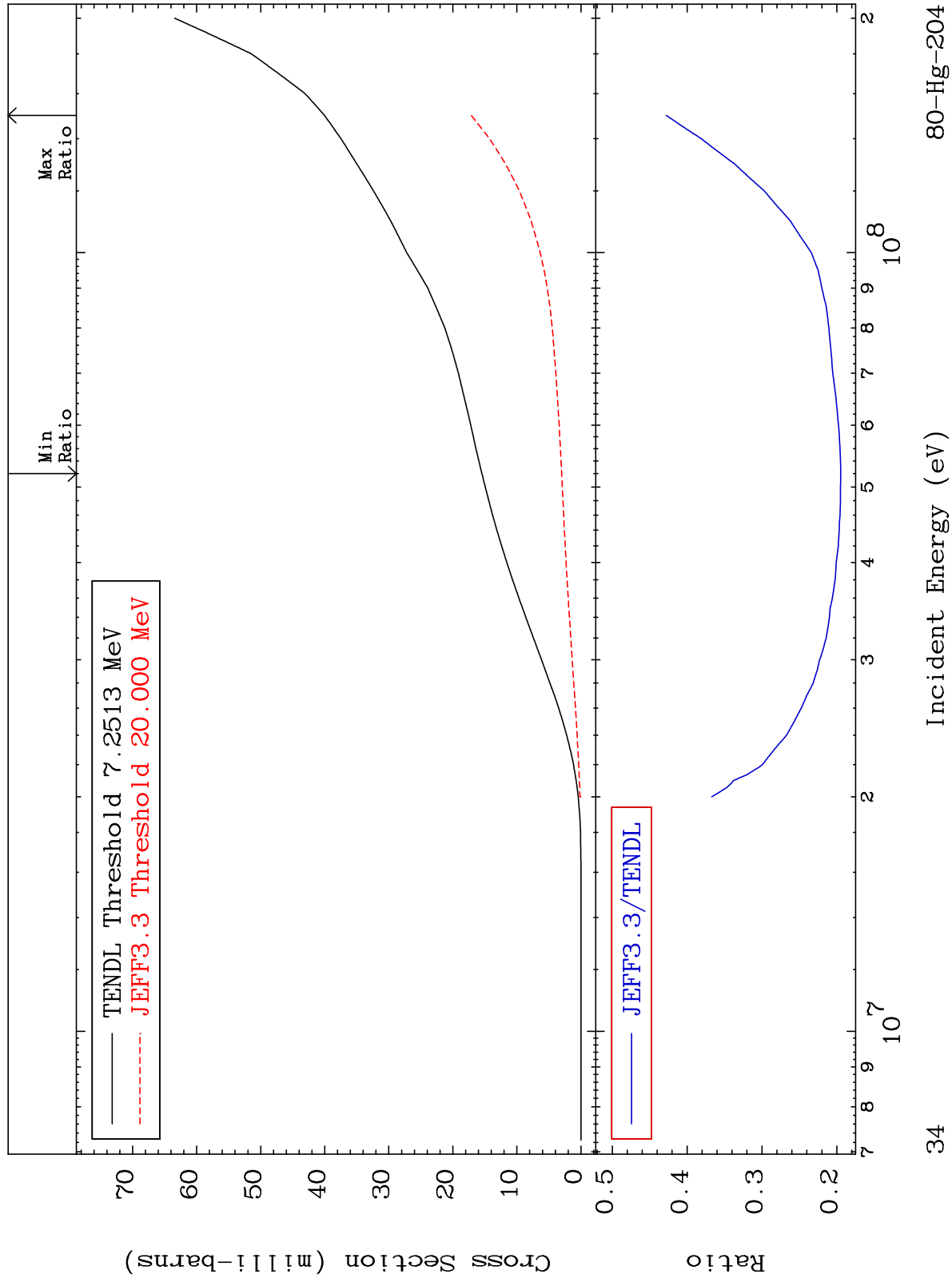
80-Hg-204  
-60.96 To 9999. %



MAT 8049

Tritium Production  
Cross Section

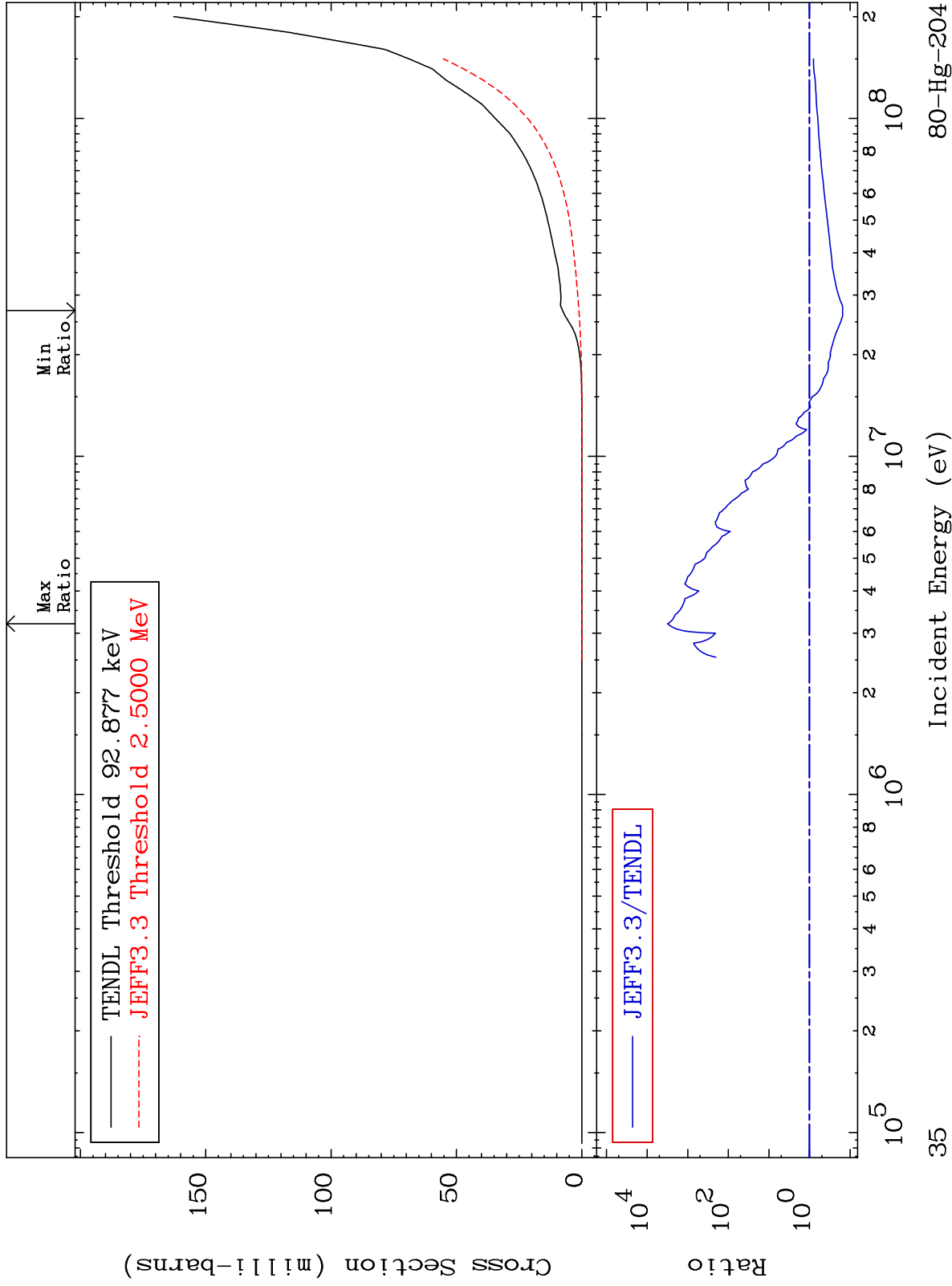
80-Hg-204  
-80.52 To -57.23%



MAT 8049

He-4 Production  
Cross Section

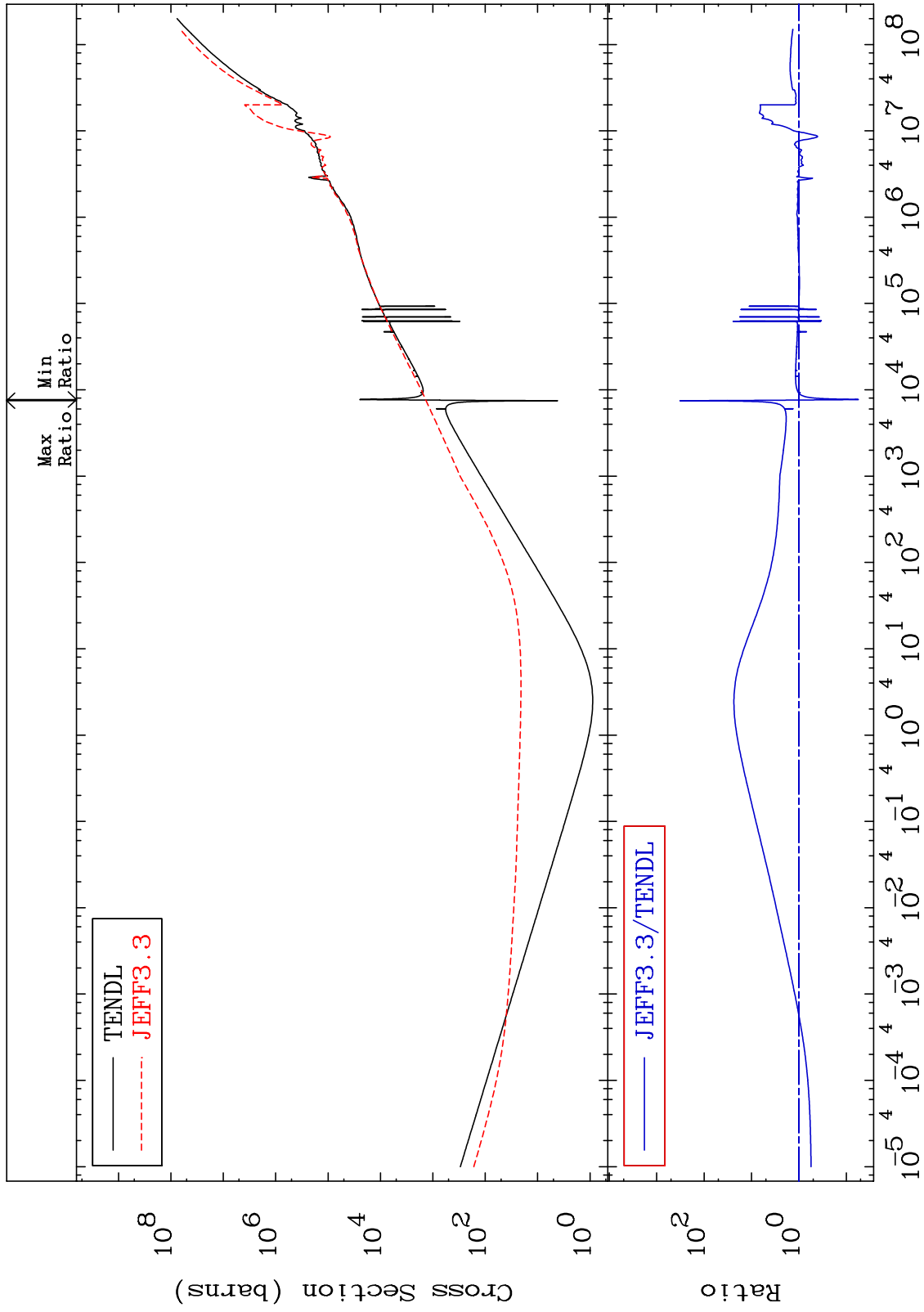
80-Hg-204  
-84.73 To 9999. %



MAT 8049

Kerma total (eV-barns)  
Cross Section

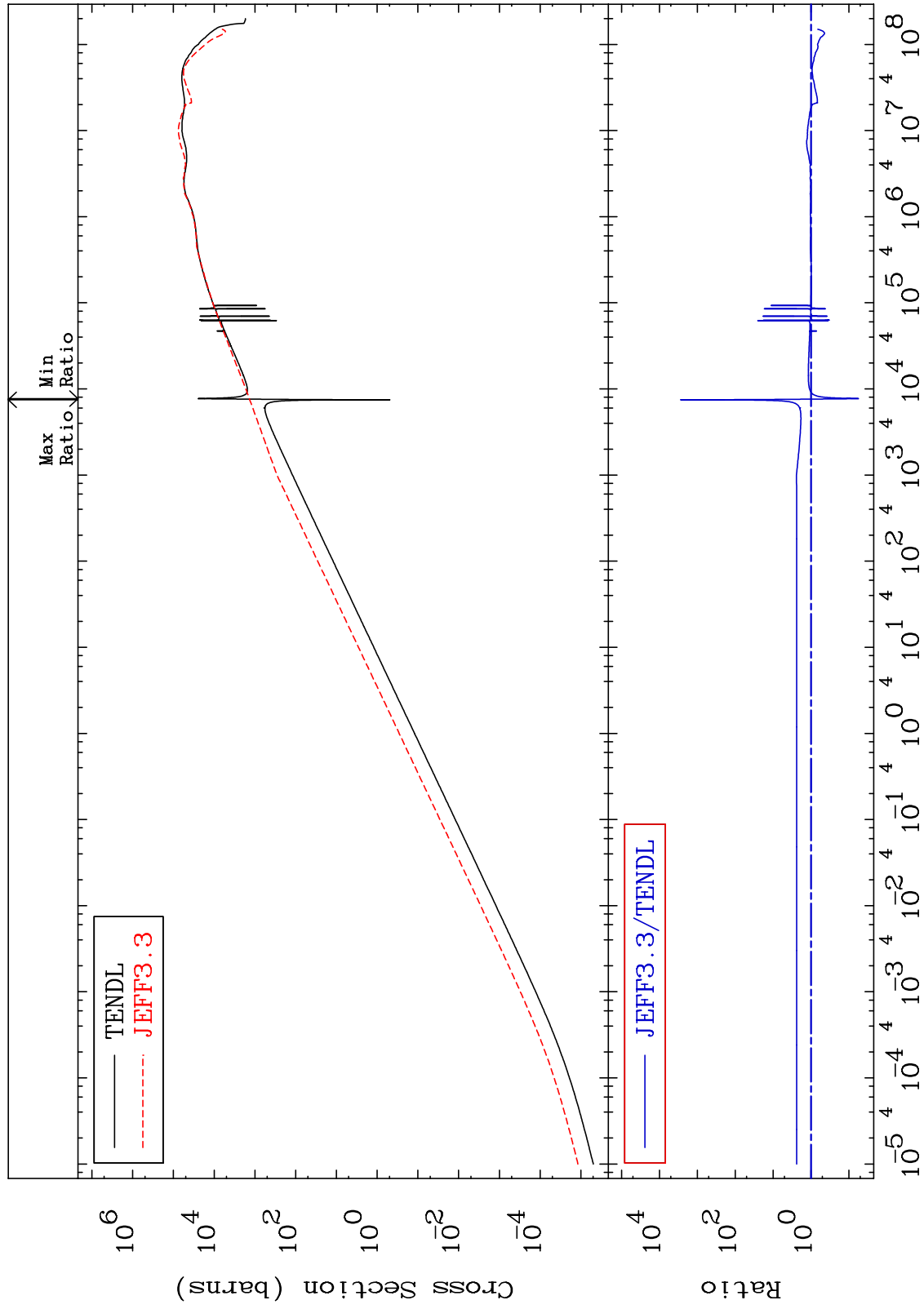
80-Hg-204  
-94.45 To 9999. %



MAT 8049

Kerma elastic  
Cross Section

80-Hg-204  
-94.45 To 9999. %



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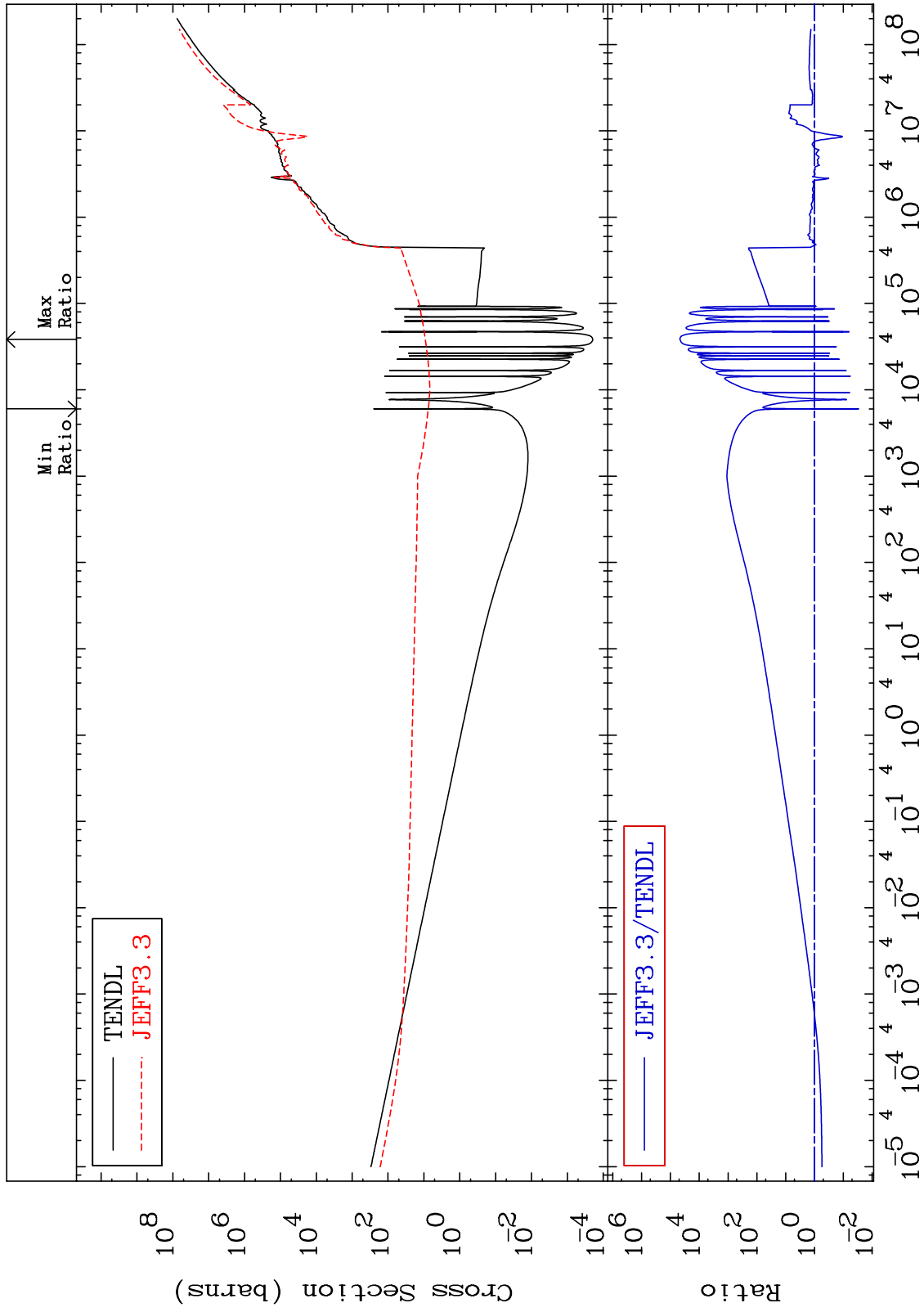
Incident Energy (eV)

80-Hg-204

MAT 8049

Kerma non-elastic (all but mt2)  
Cross Section

80-Hg-204  
-96.99 To 9999. %



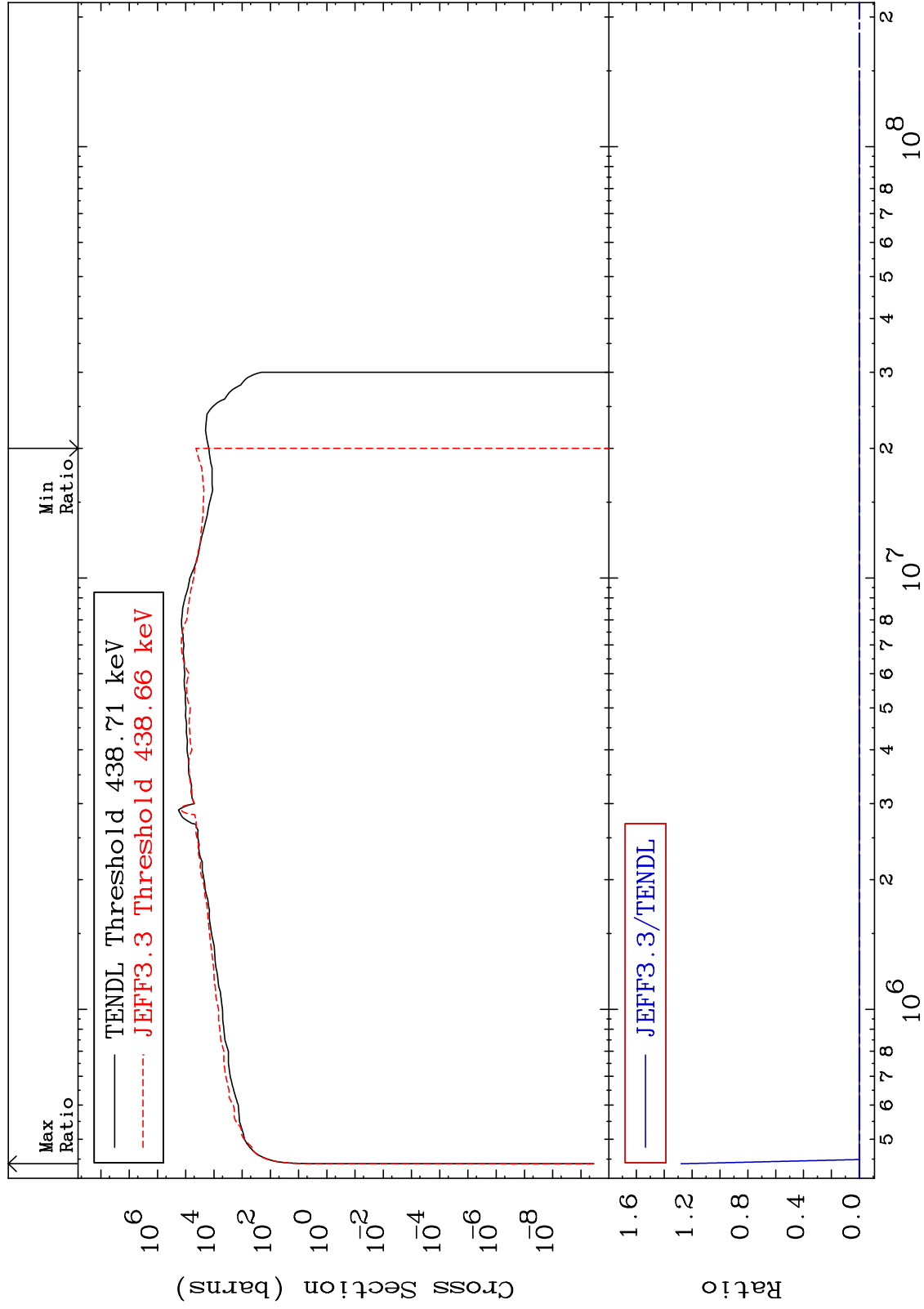
— TENDL  
- - - JEFF3.3

— JEFF3.3/TENDL

MAT 8049

Kerma inelastic (mt51-91)  
Cross Section

80-Hg-204  
-100.0 To 9999. %



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Incident Energy (eV)

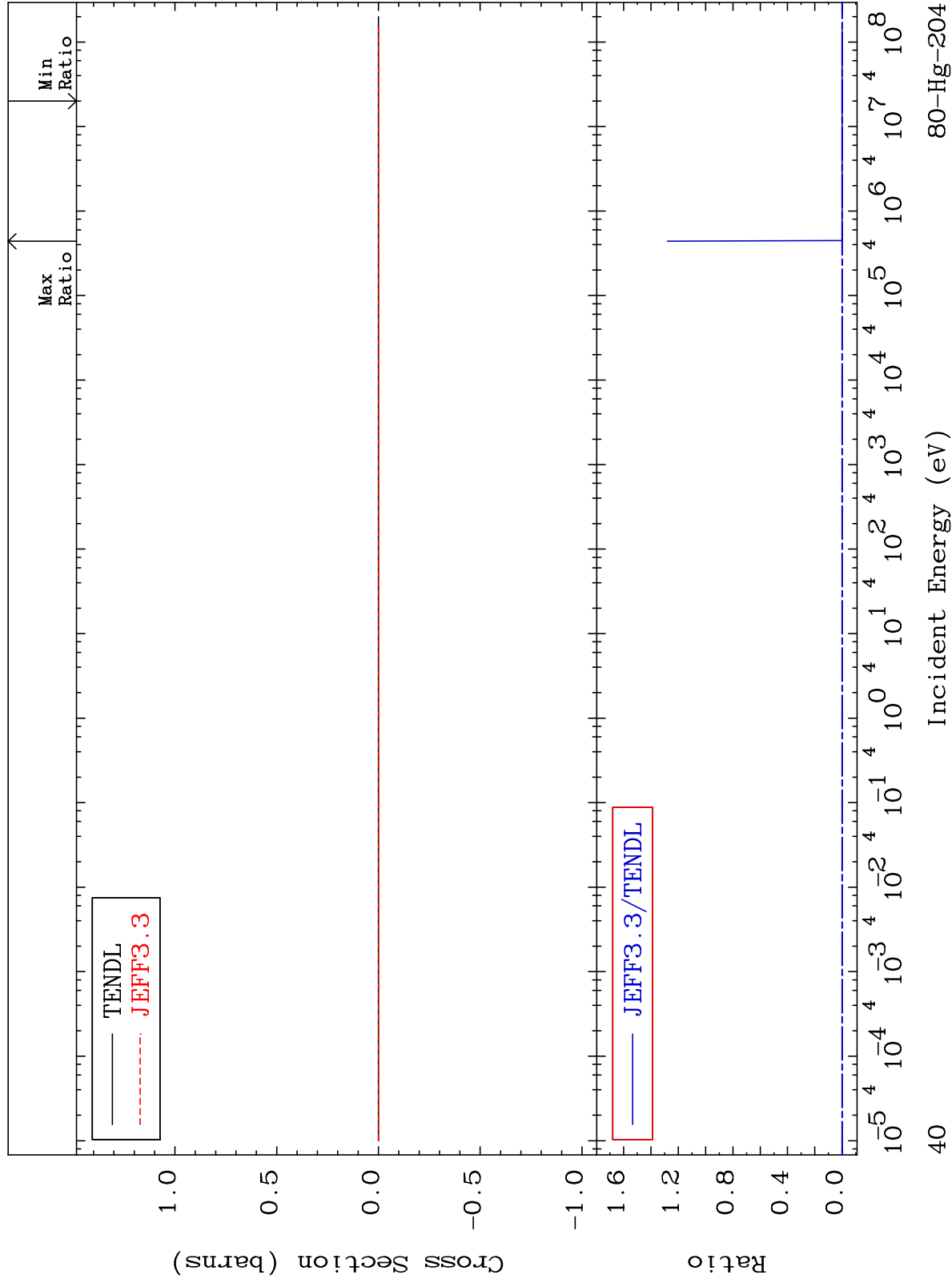
80-Hg-204



MAT 8049

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

80-Hg-204  
-100.0 To 9999. %



40

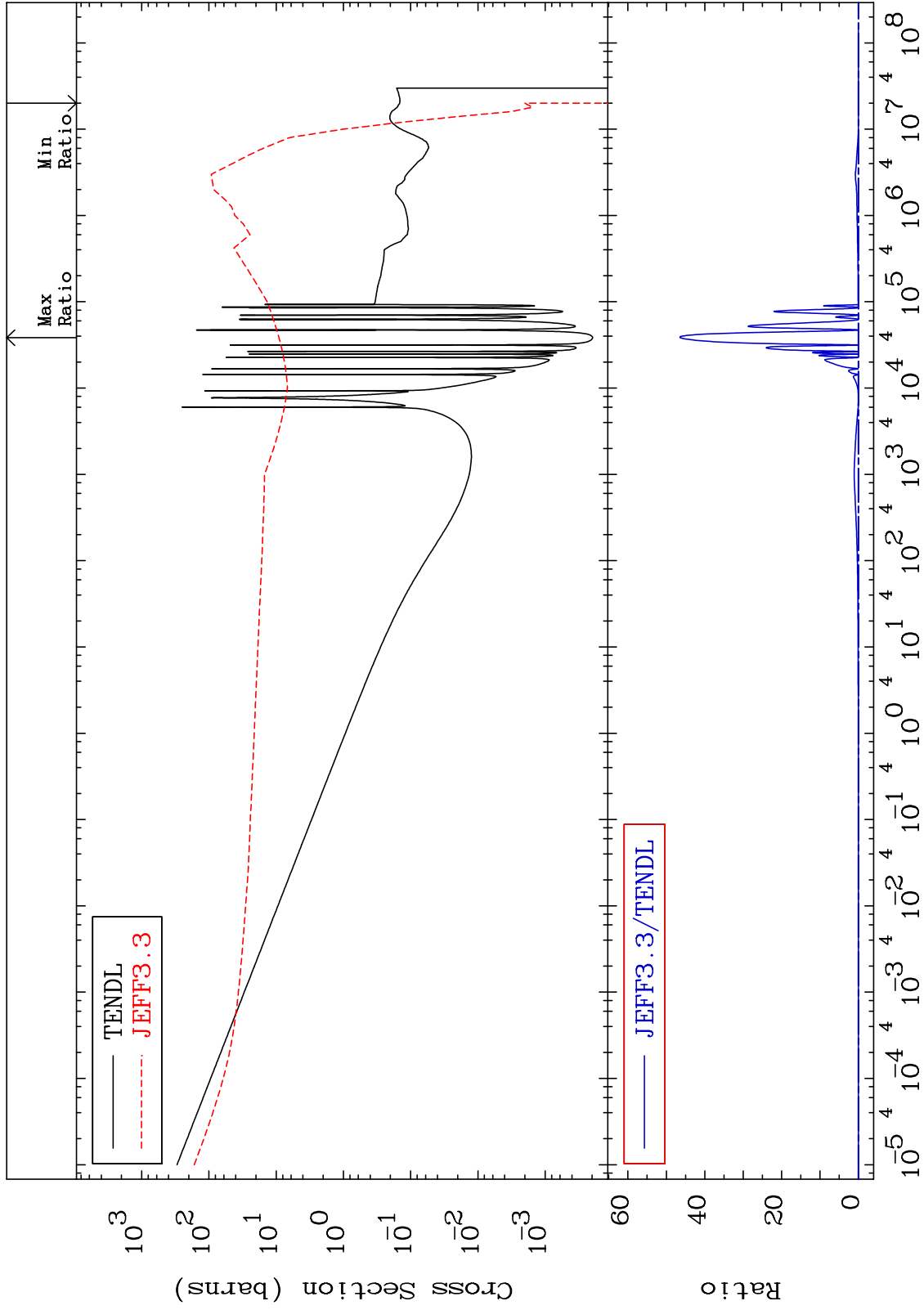
Incident Energy (eV)

80-Hg-204

MAT 8049

Kerma capture (mt102)  
Cross Section

80-Hg-204  
-100.0 To 9999. %



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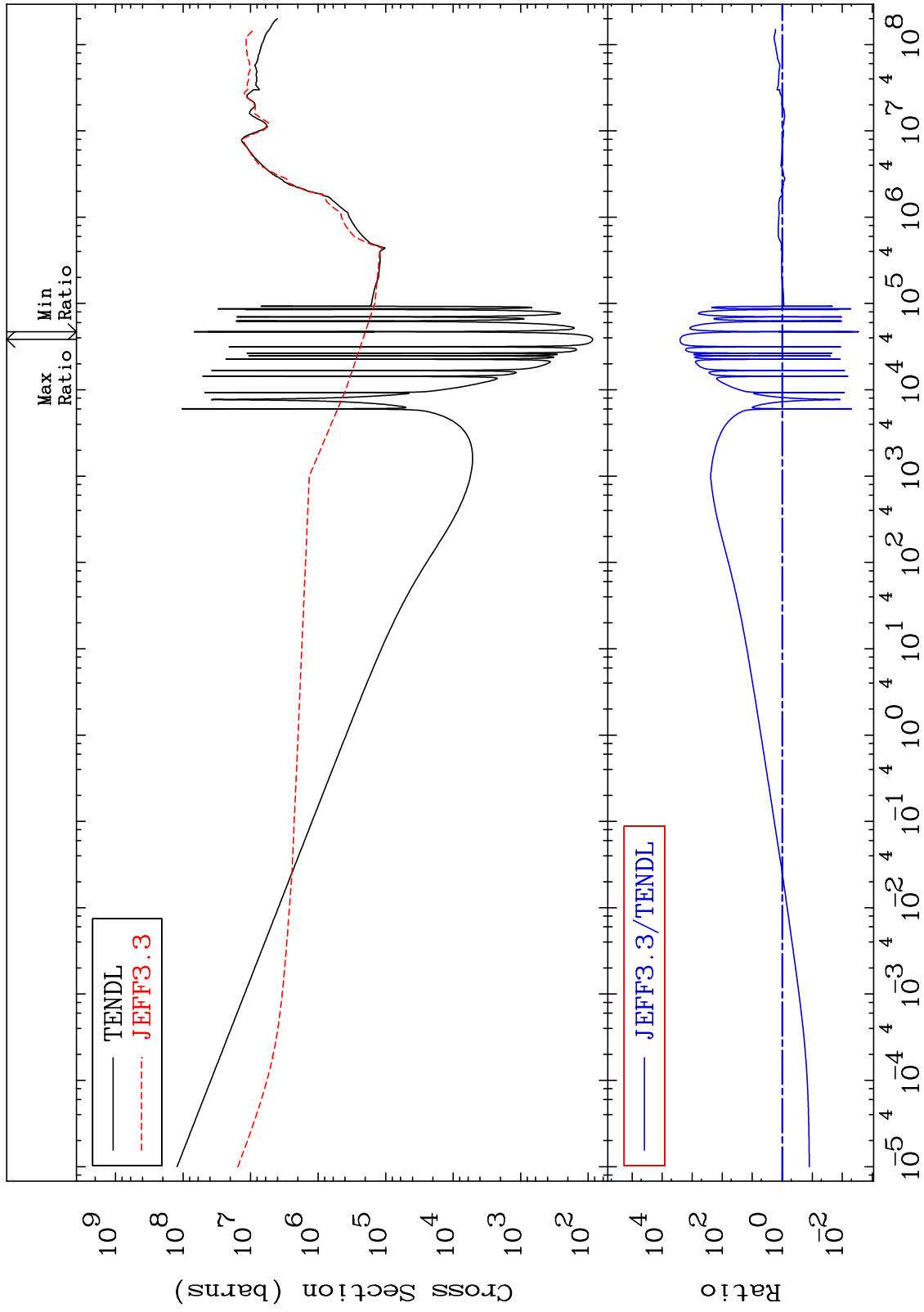
Incident Energy (eV)

80-Hg-204

MAT 8049

Total photon (eV-barns)  
Cross Section

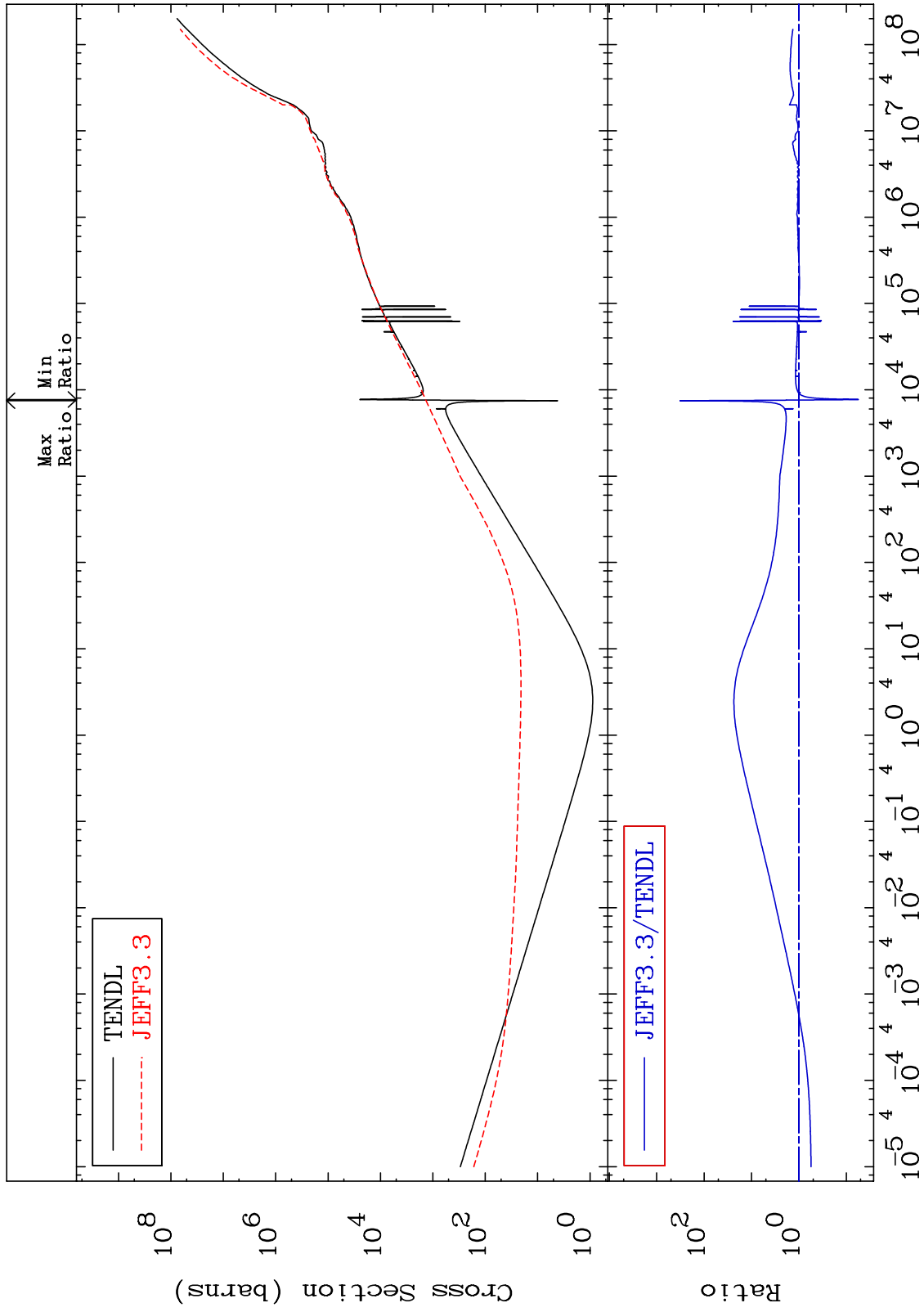
80-Hg-204  
-99.71 To 9999. %



MAT 8049

Total kinematic kerma (high limit)  
Cross Section

80-Hg-204  
-94.45 To 9999. %



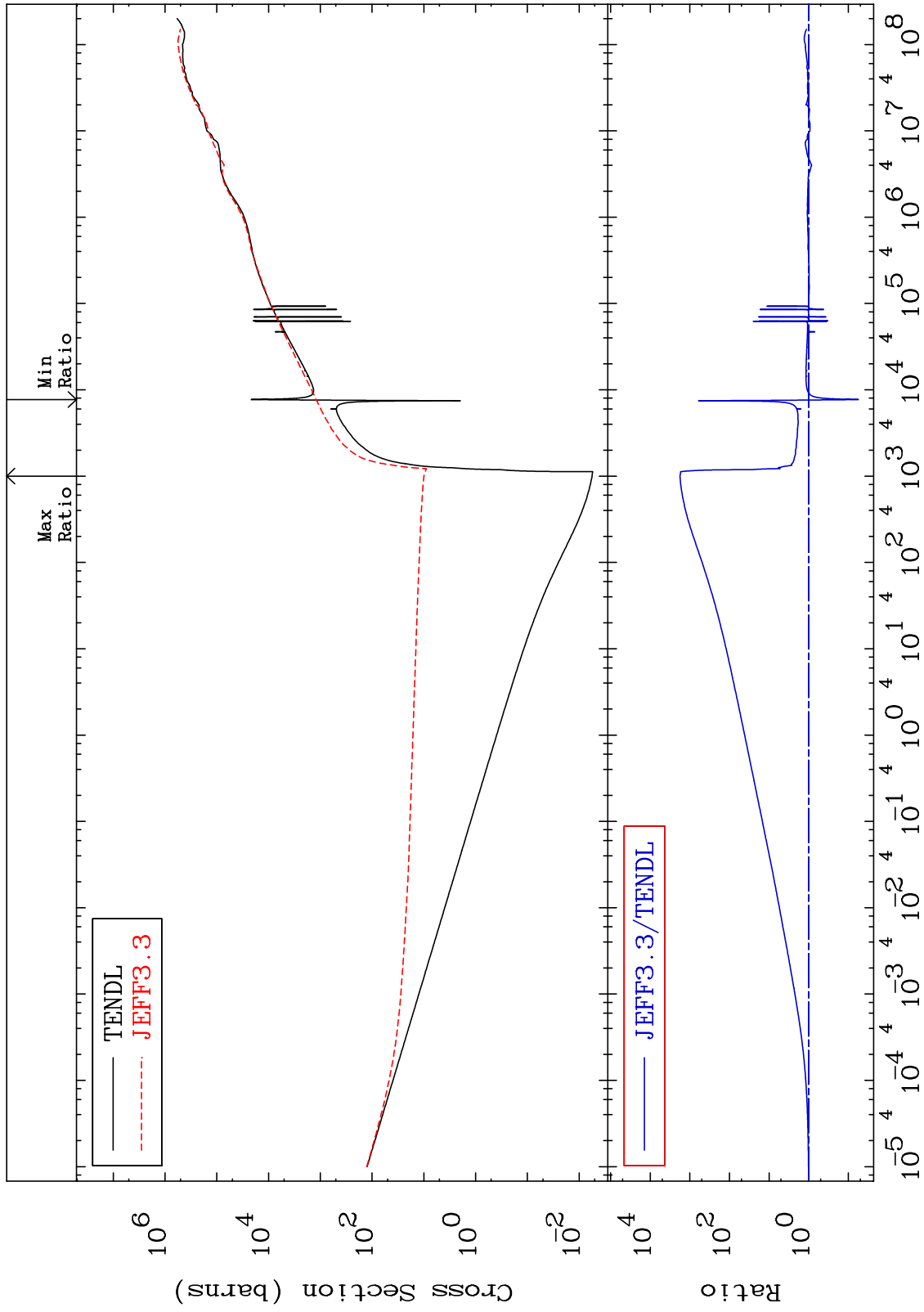
43

80-Hg-204

MAT 8049

Dpa total (eV-barns)  
Cross Section

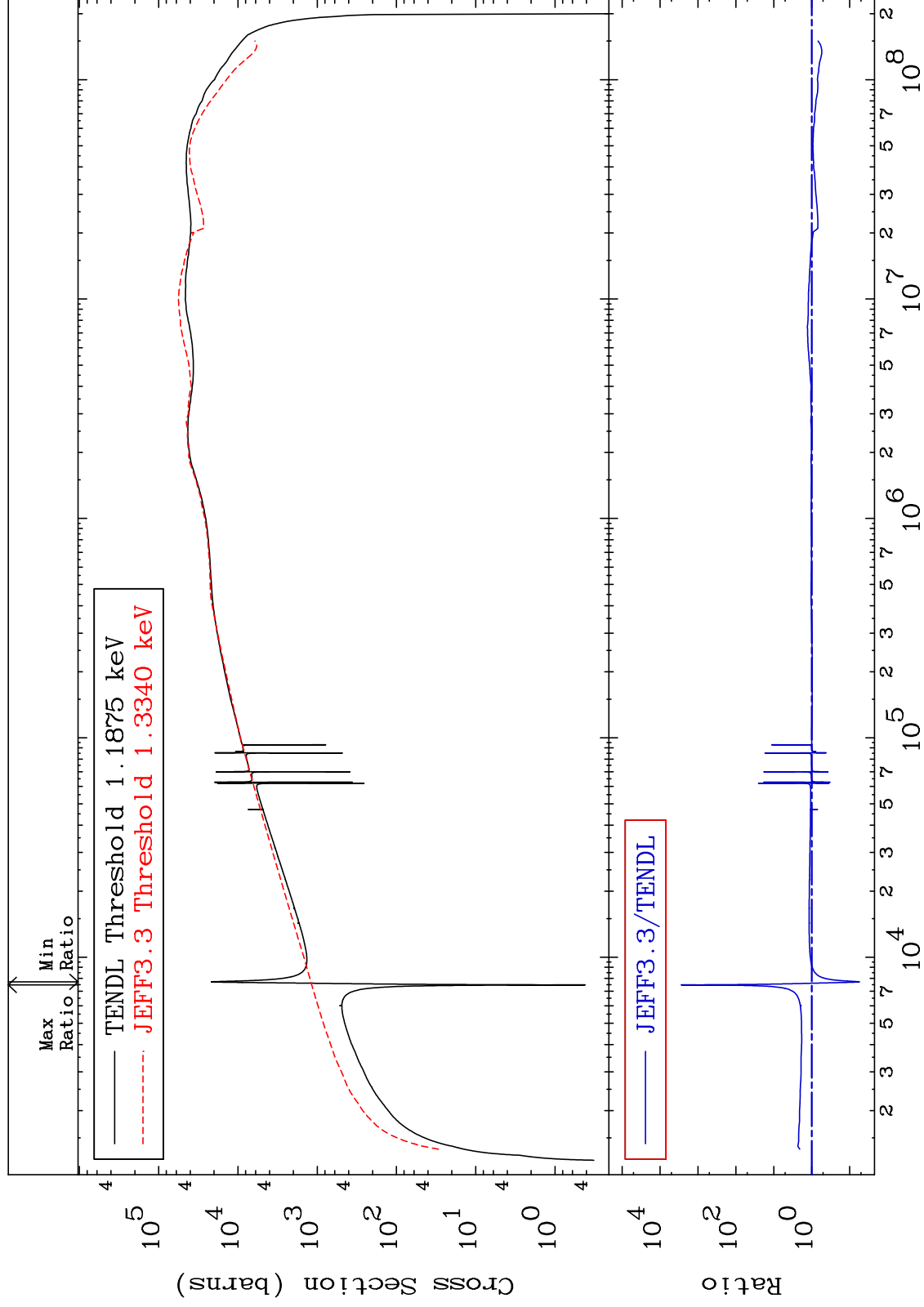
80-Hg-204  
-94.43 To 9999. %



MAT 8049

Dpa elastic (mt2)  
Cross Section

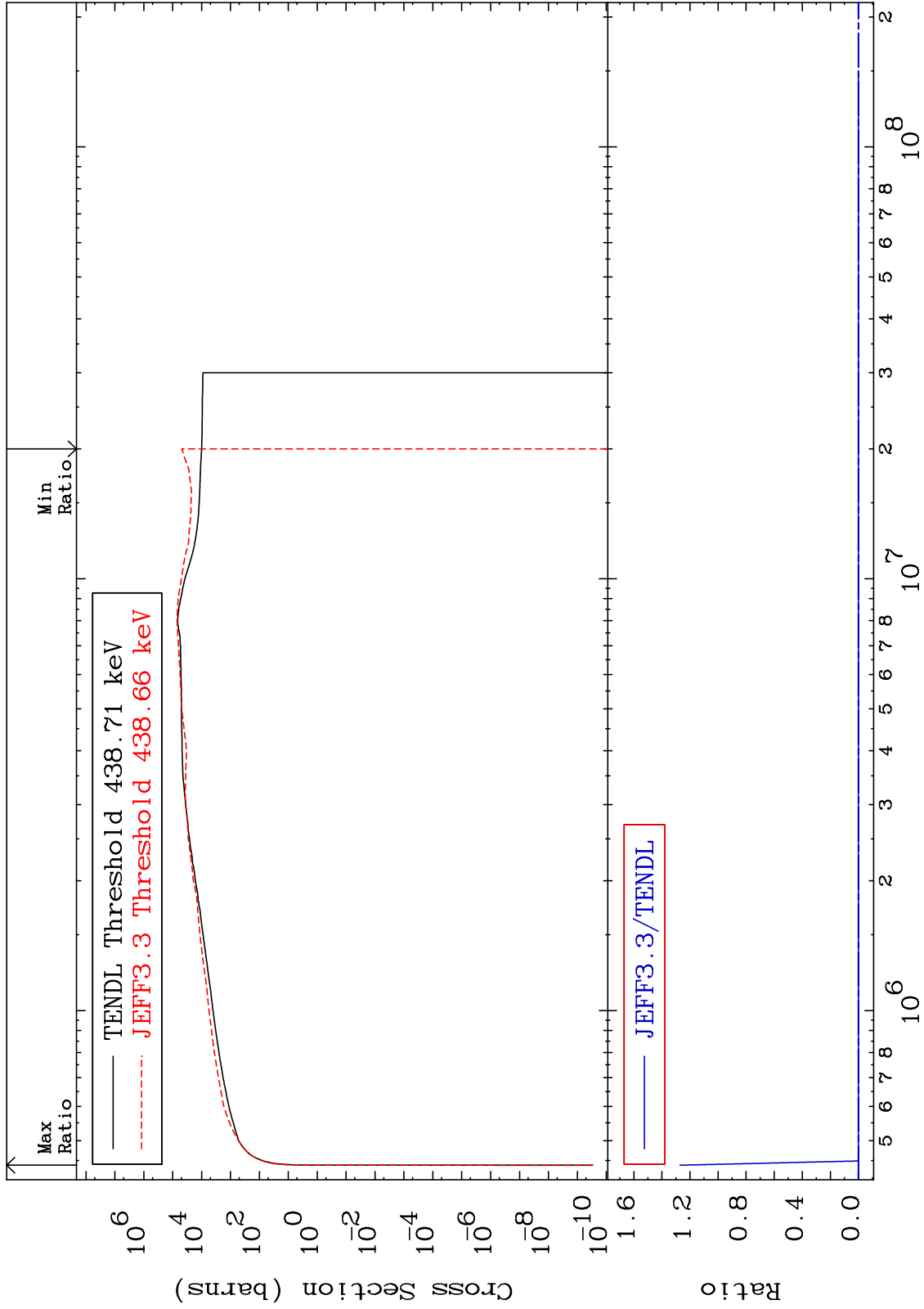
80-Hg-204  
-94.43 To 9999. %



MAT 8049

Dpa inelastic (mt51-91)  
Cross Section

80-Hg-204  
-100.0 To 9999. %



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Incident Energy (eV)

80-Hg-204

MAT 8049

Dpa disappearance (mt102 -120)  
Cross Section

80-Hg-204  
-100.0 To 9999. %

