

Program Complot
(Version 2018-1)

by

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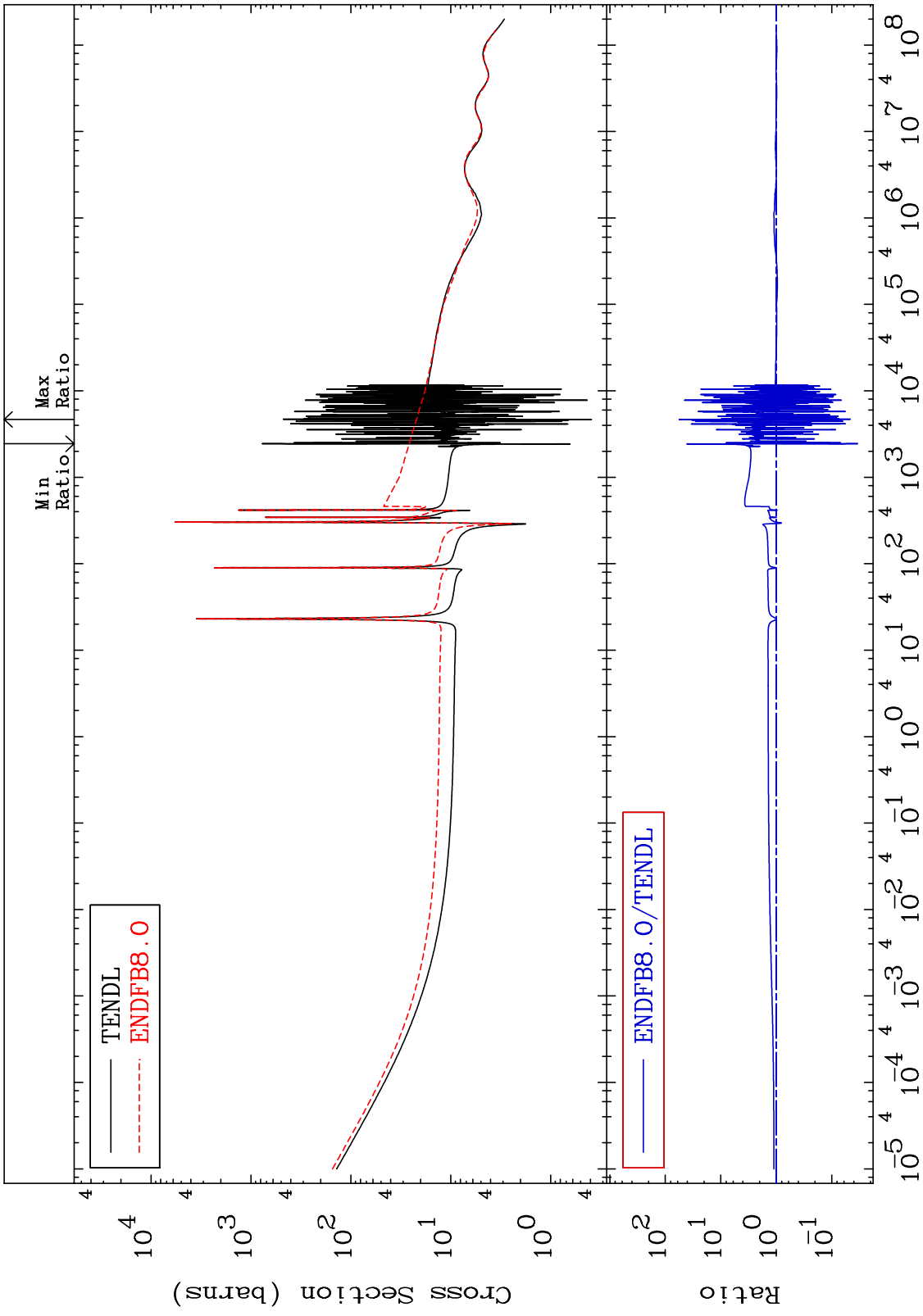
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8031 80-Hg-198
Total -96.61 To 5555. %
Cross Section

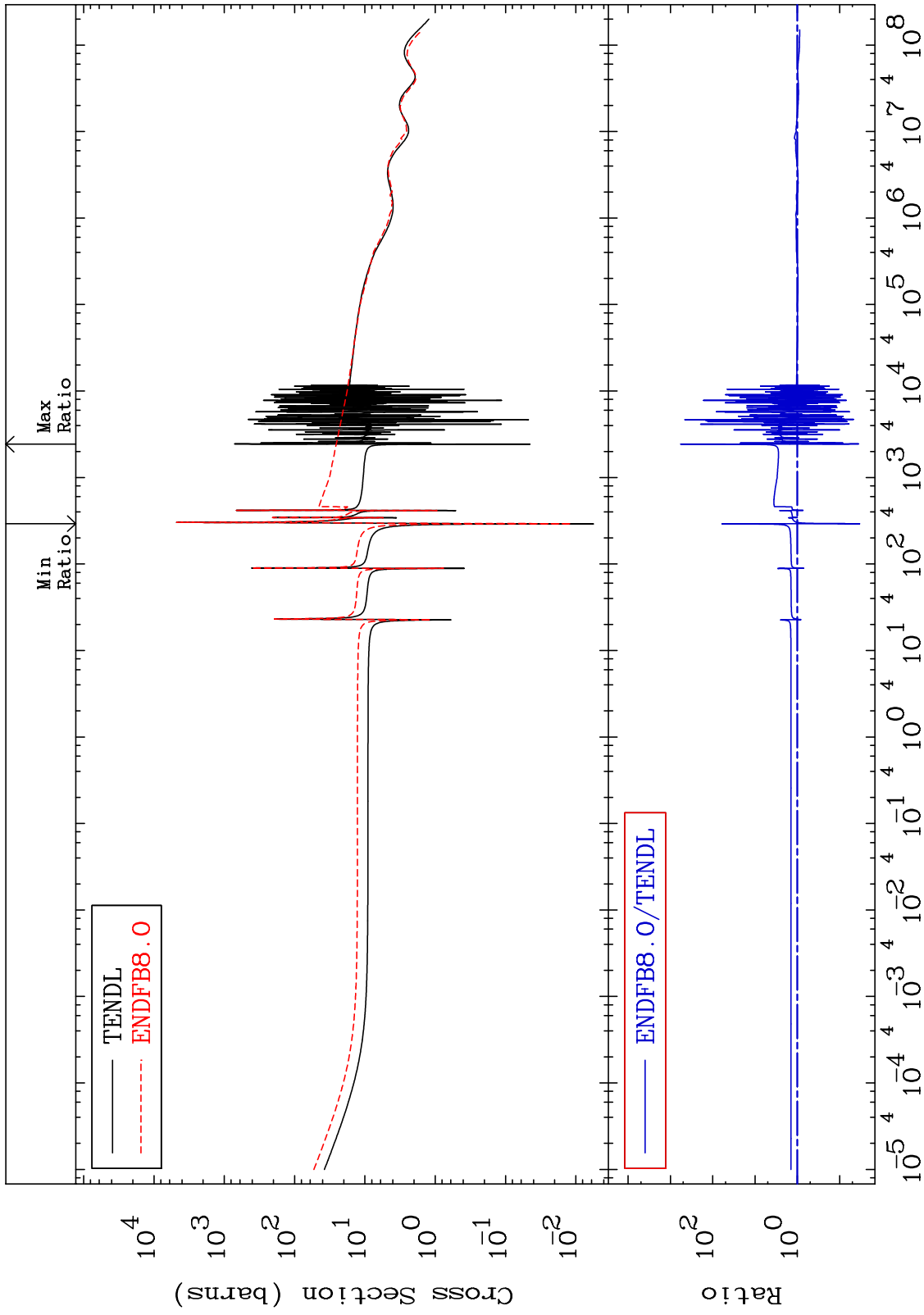


1 80-Hg-198

MAT 8031

Elastic
Cross Section

80-Hg-198
-96.63 To 9999. %

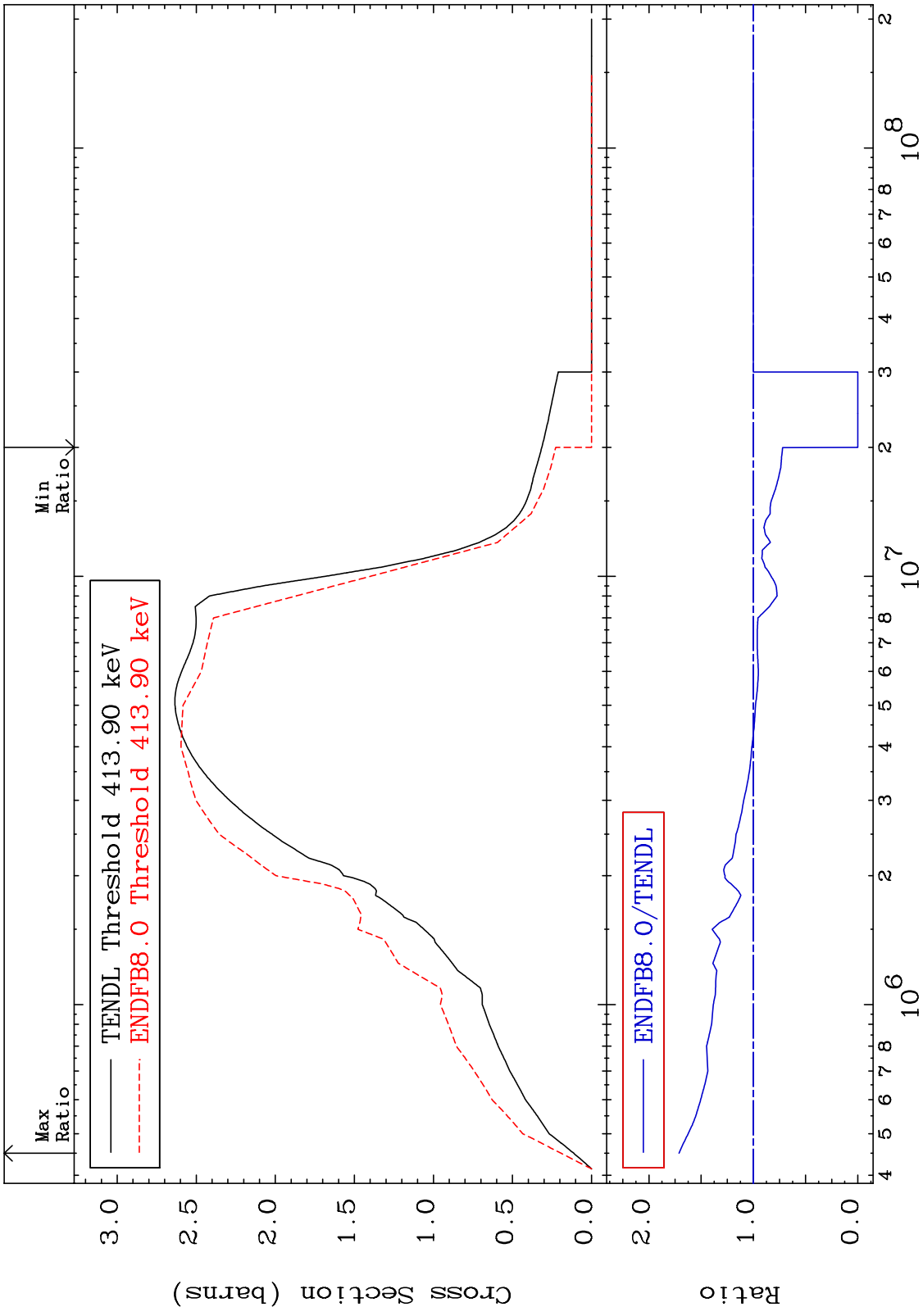


2

Incident Energy (eV)

80-Hg-198

MAT 8031 Inelastic Cross Section 80-Hg-198 -100.0 To 71.17 %

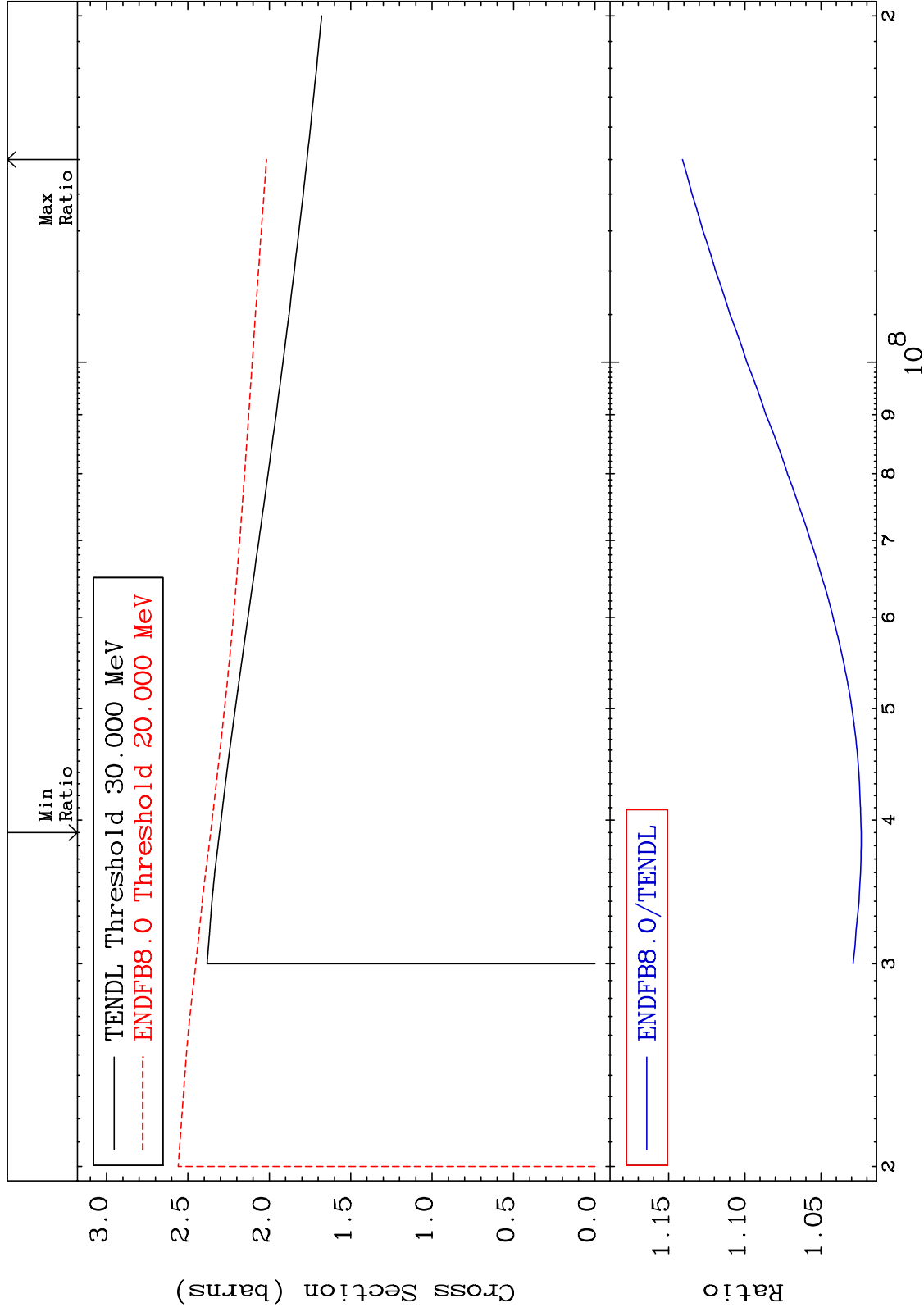


3 Incident Energy (eV) 80-Hg-198

MAT 8031

(n, remainder)
Cross Section

80-Hg-198
To 14.09 %

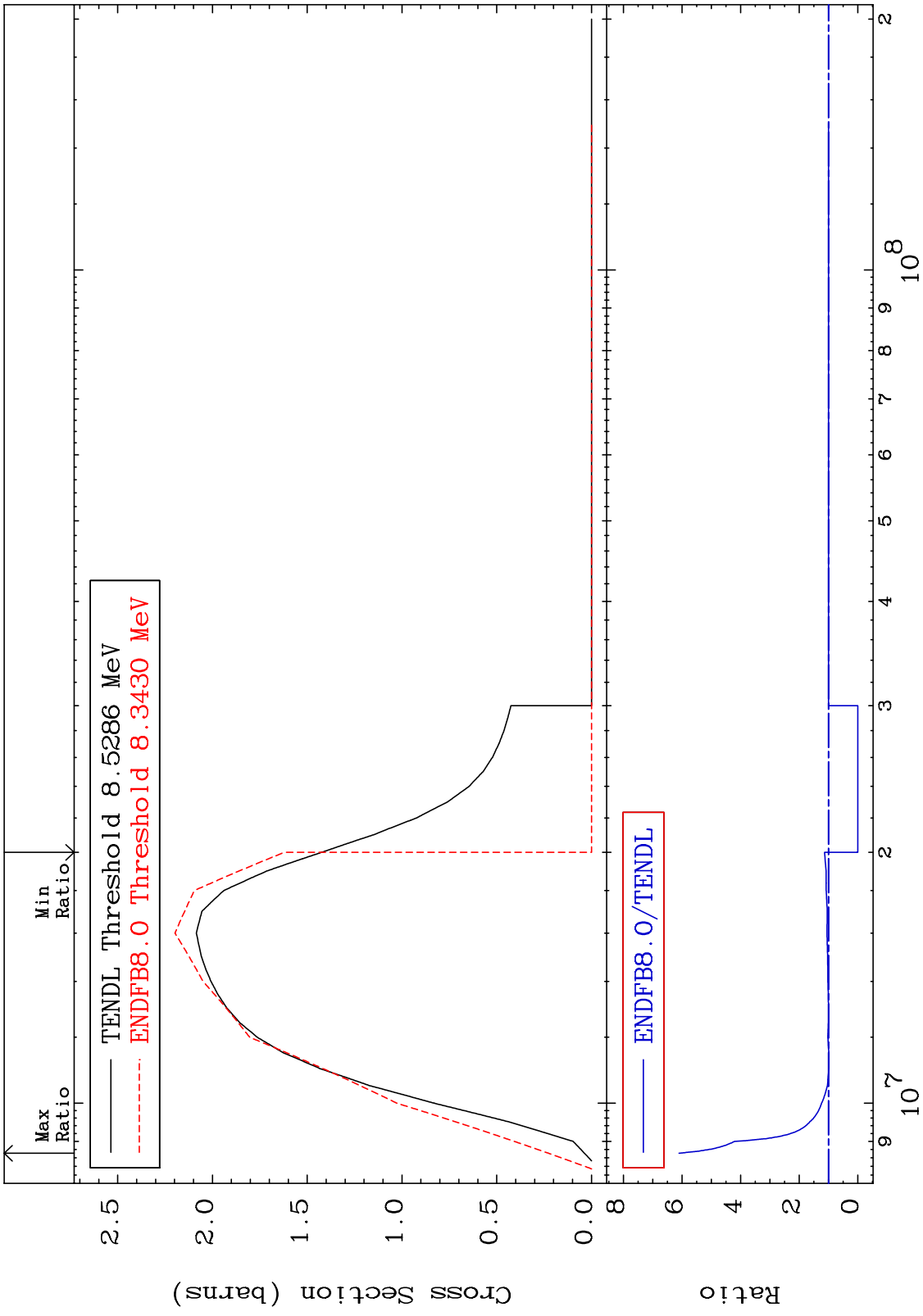


4

Incident Energy (eV)

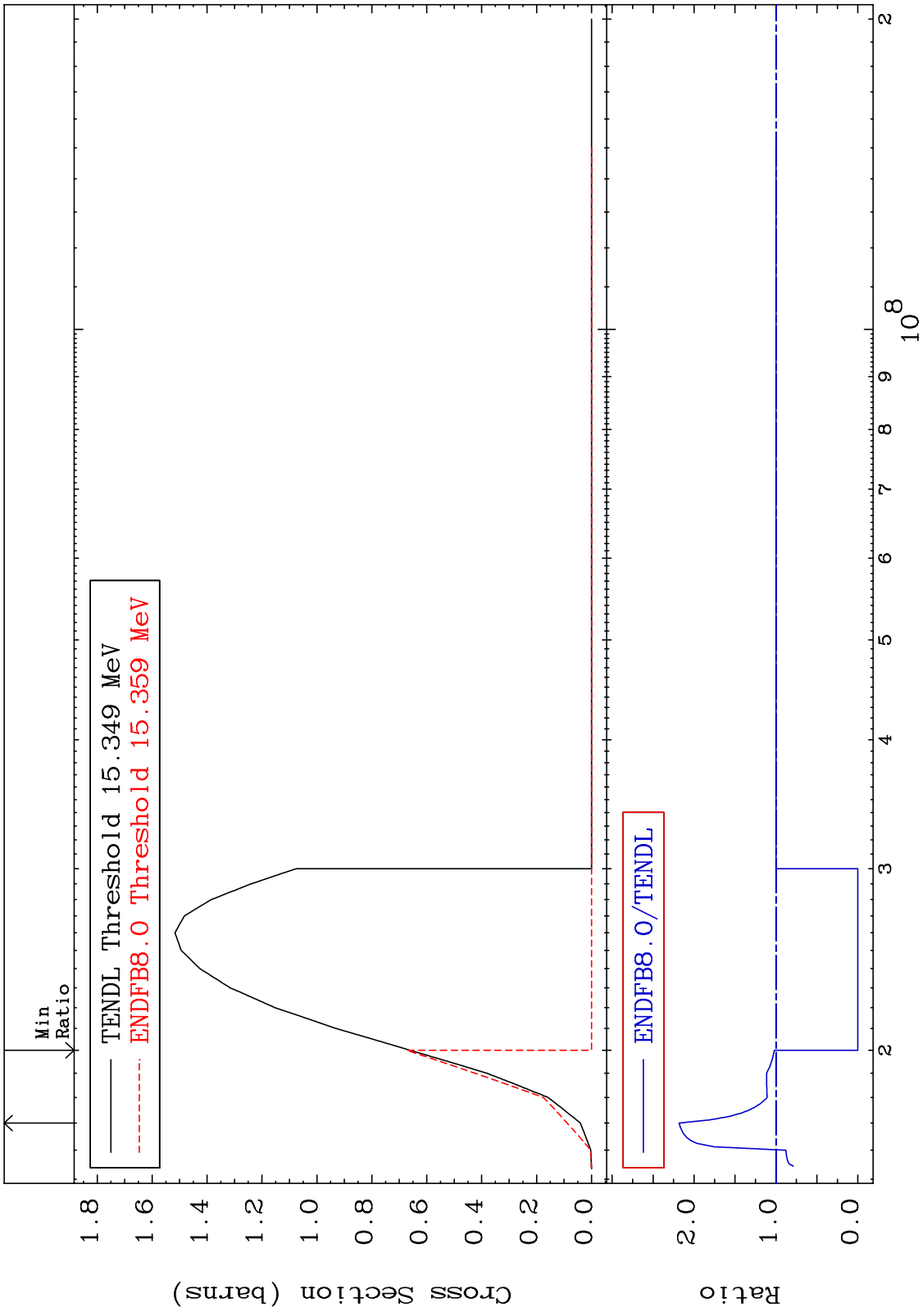
80-Hg-198

MAT 8031 (n,2n) Cross Section 80-Hg-198 -100.0 To 510.1 %



5 80-Hg-198

MAT 8031 (n,3n) Cross Section 80-Hg-198
 -100.0 To 118.3 %



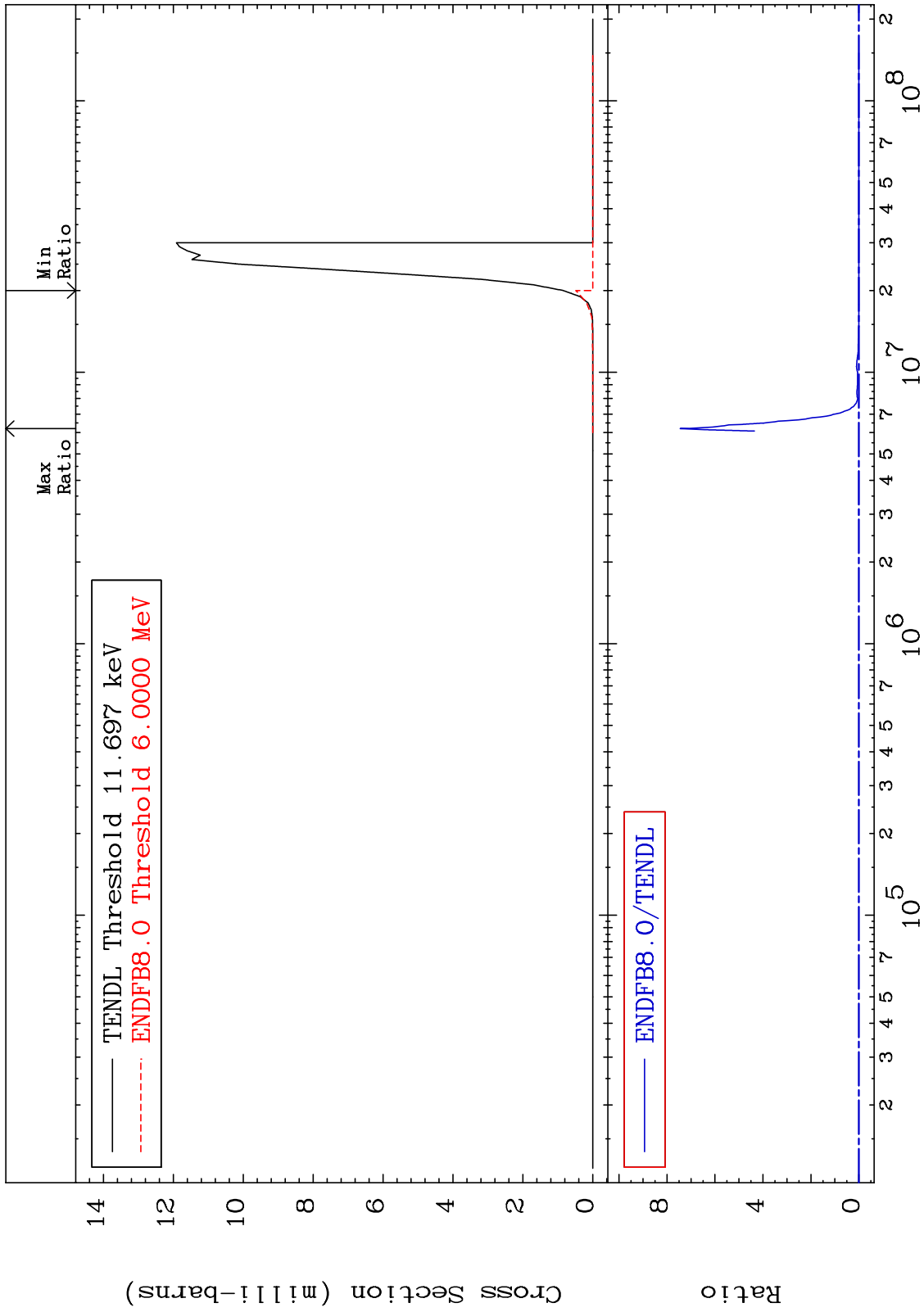
MAT 8031

(n, n') α

80-Hg-198

Cross Section

-100.0 To 9999. %

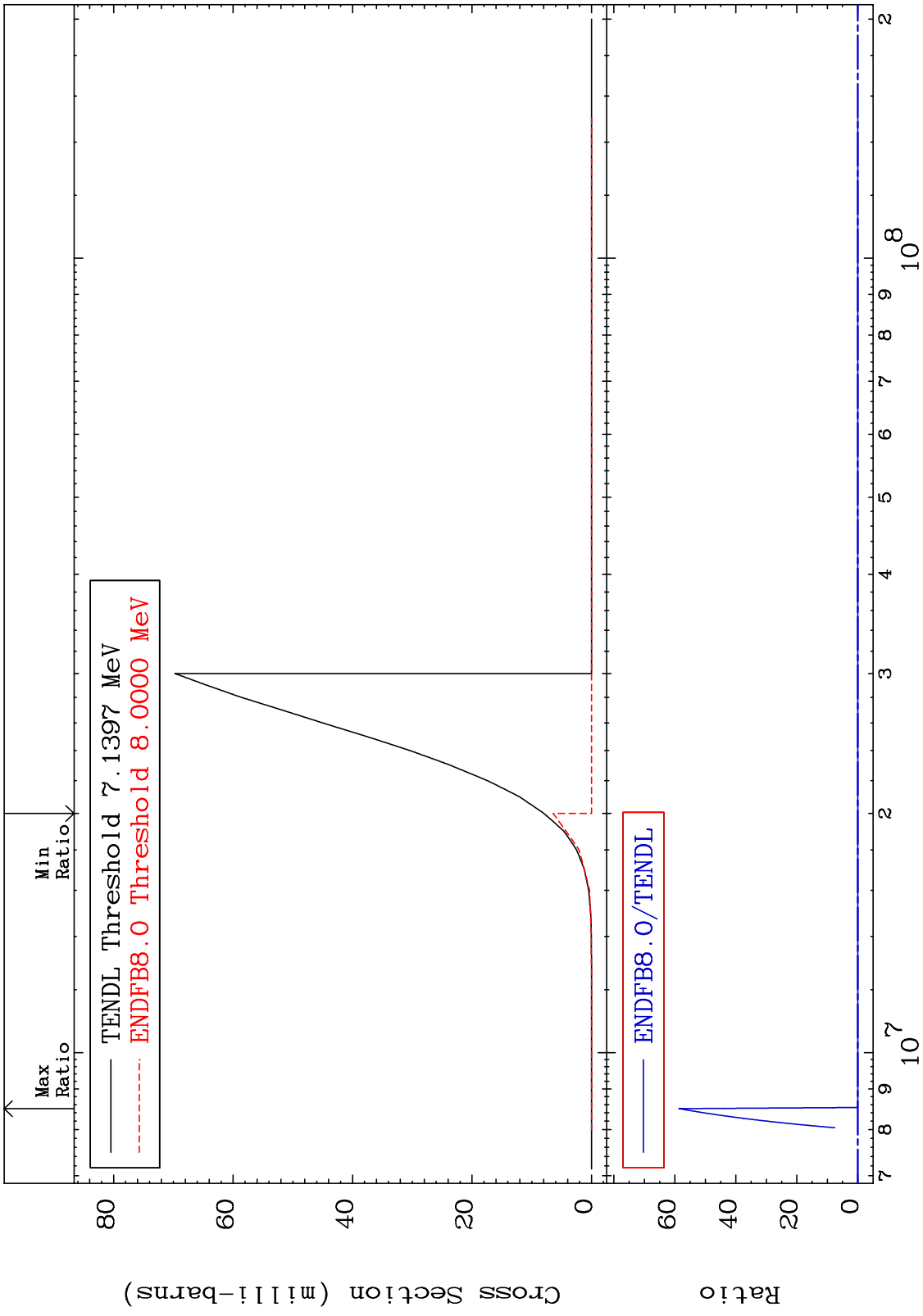


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Incident Energy (eV)

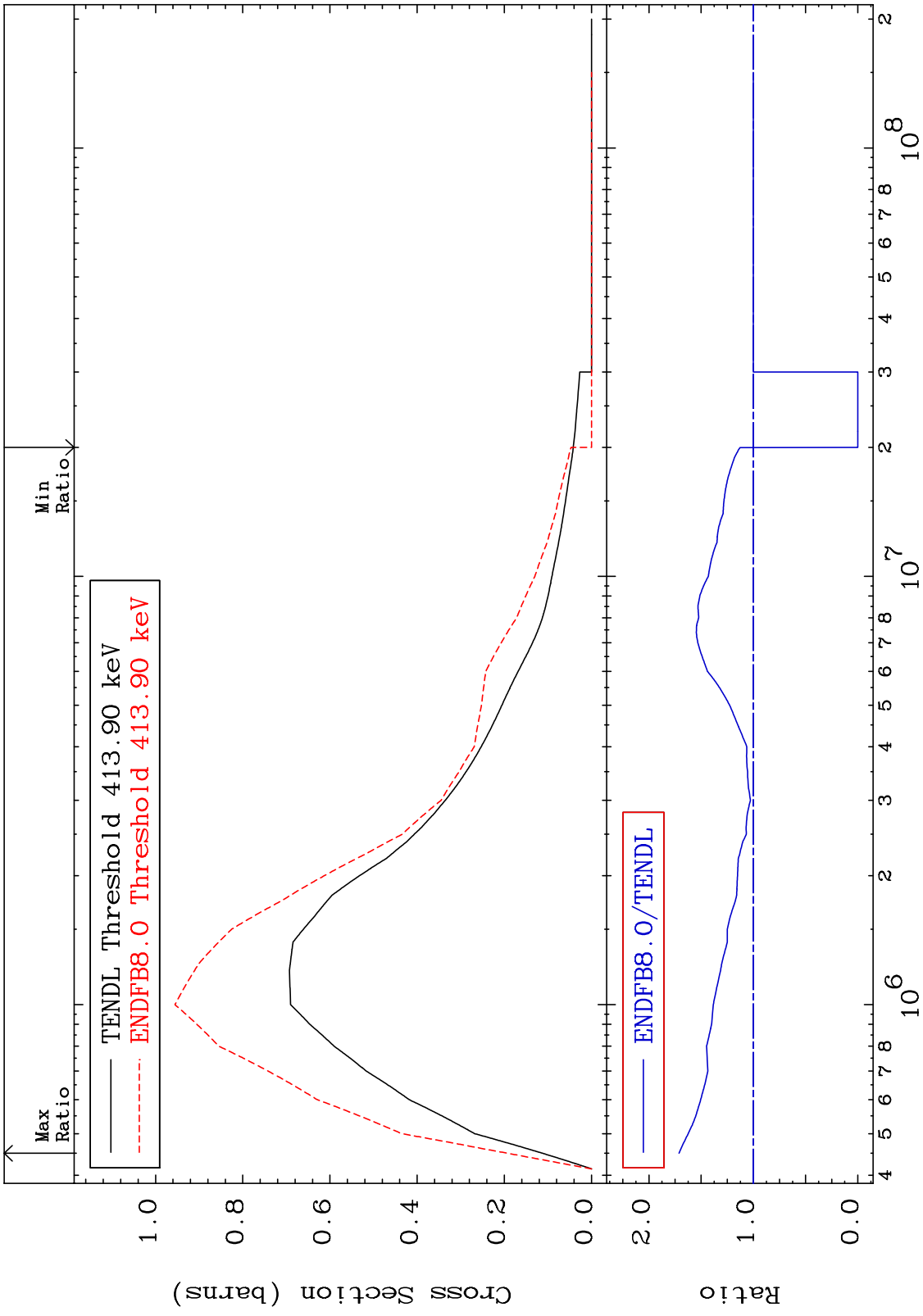
80-Hg-198

MAT 8031 (n,n') p 80-Hg-198
 Cross Section -100.0 To 9999. %

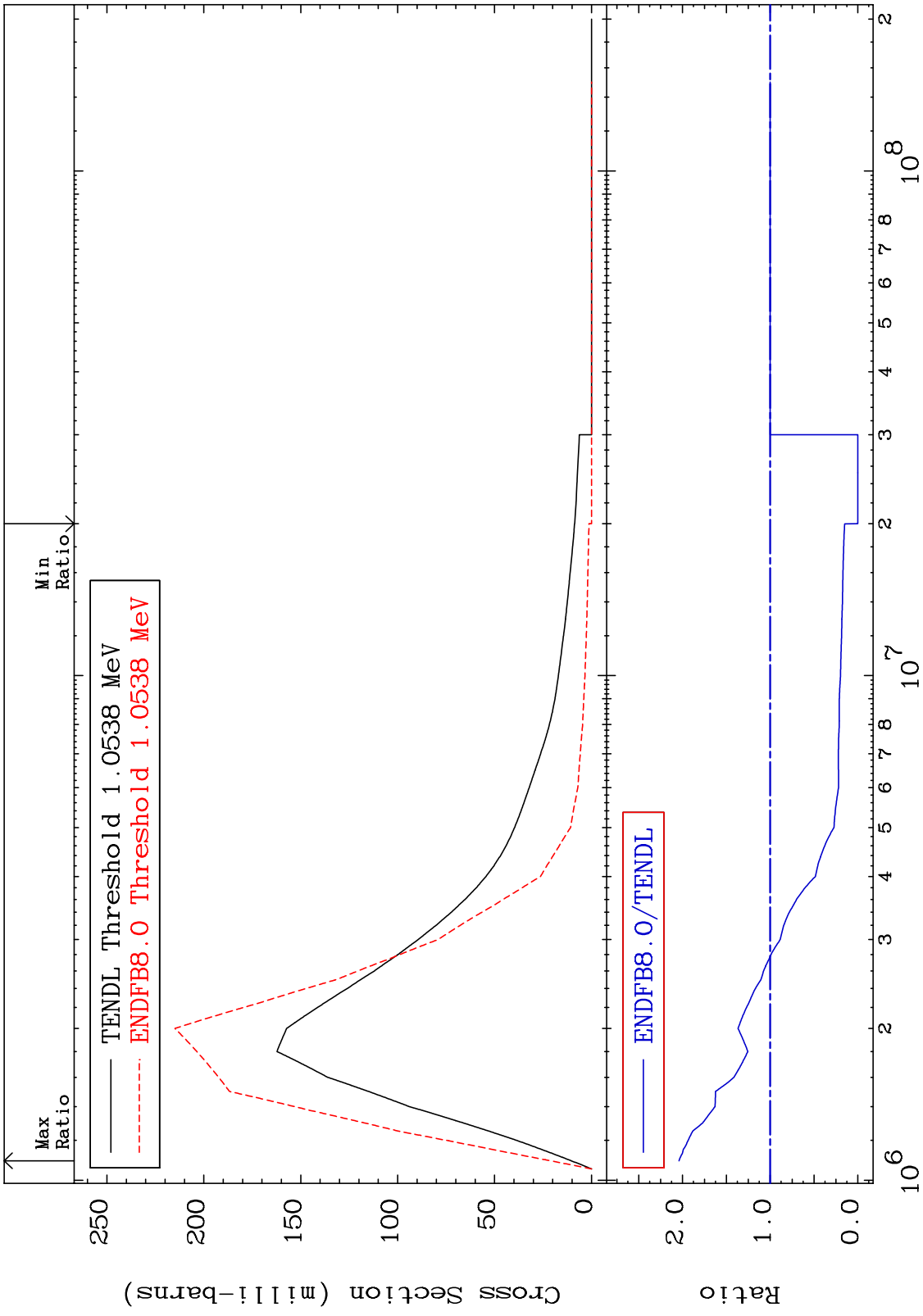


80-Hg-198

MAT 8031 MT= 51 (n,n') Level Cross Section -100.0 To 71.17 % 80-Hg-198

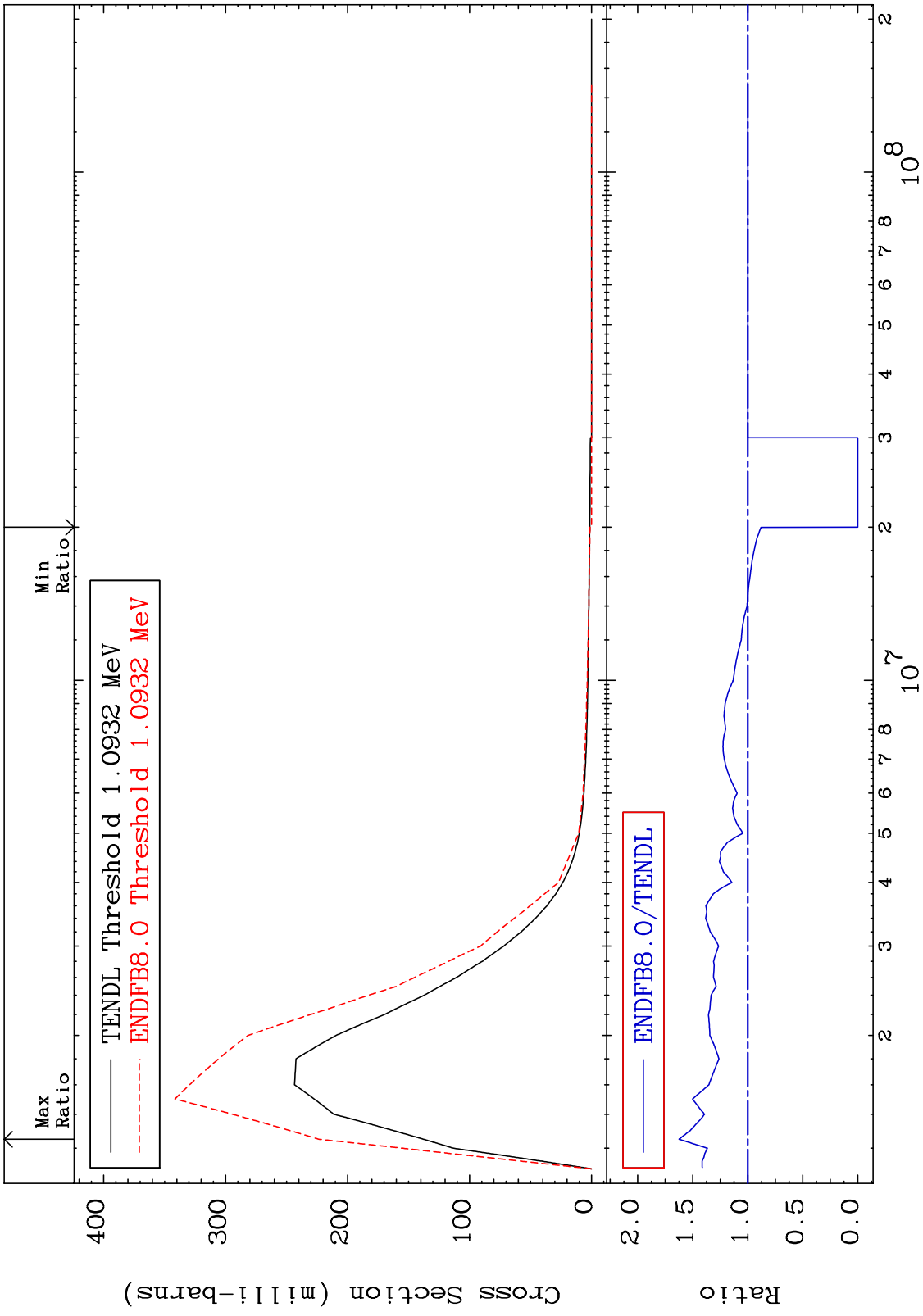


MAT 8031 MT= 52 (n,n') Level Cross Section -100.0 To 104.0 % 80-Hg-198

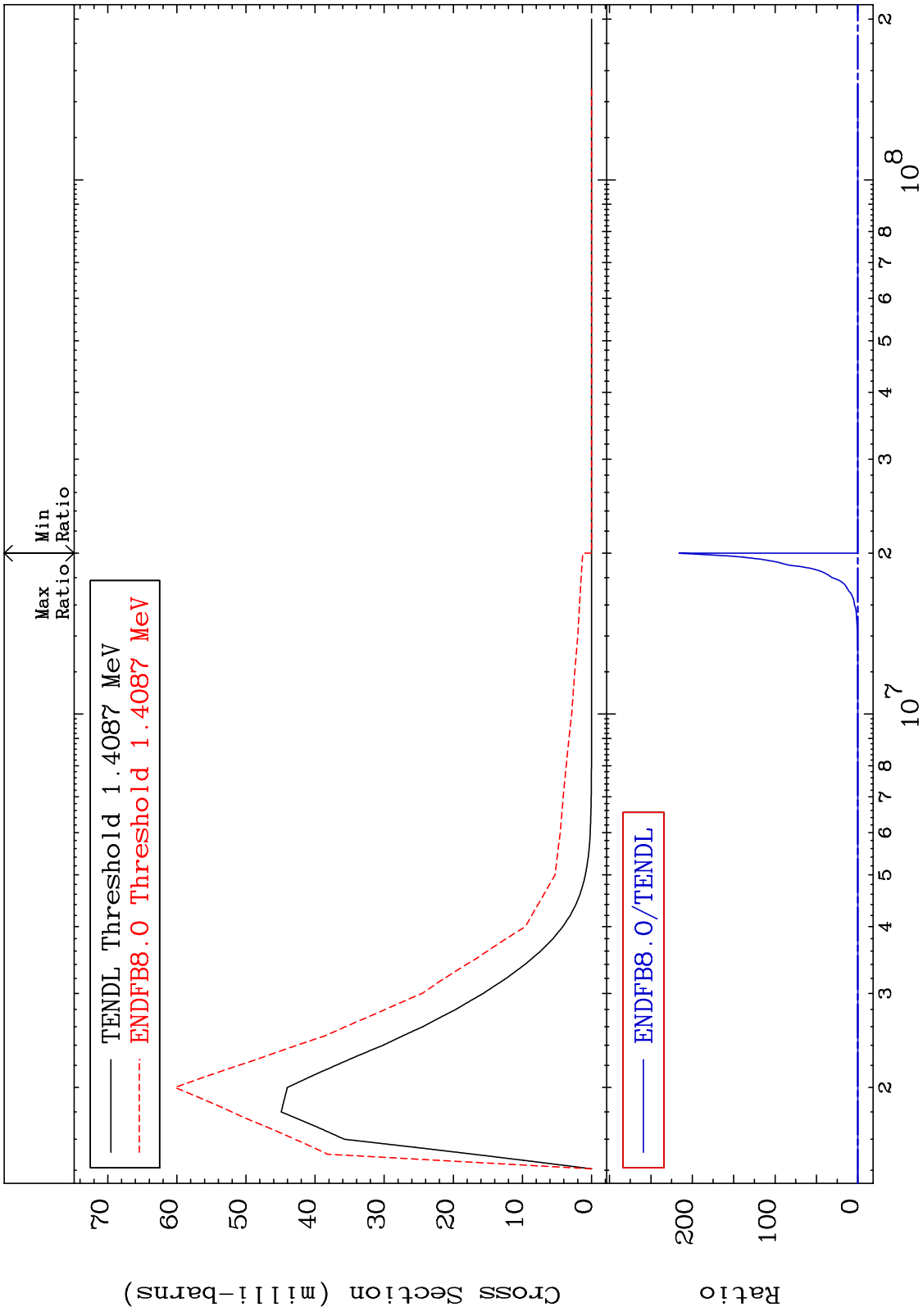


Incident Energy (eV) 80-Hg-198

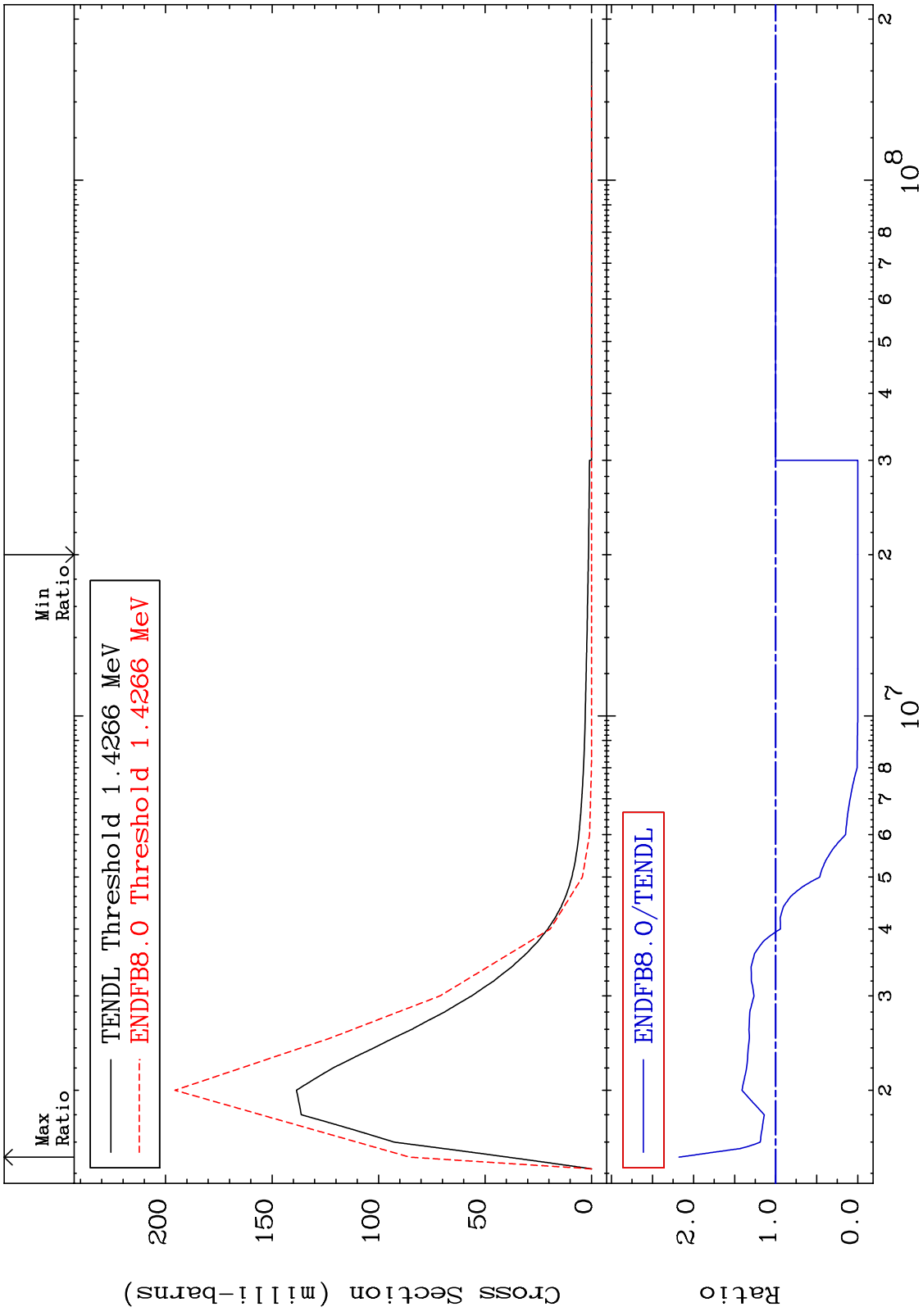
MAT 8031 MT= 53 (n,n') Level Cross Section -100.0 To 62.44 % 80-Hg-198



MAT 8031 MT= 54 (n,n') Level Cross Section -100.0 To 9999. % 80-Hg-198



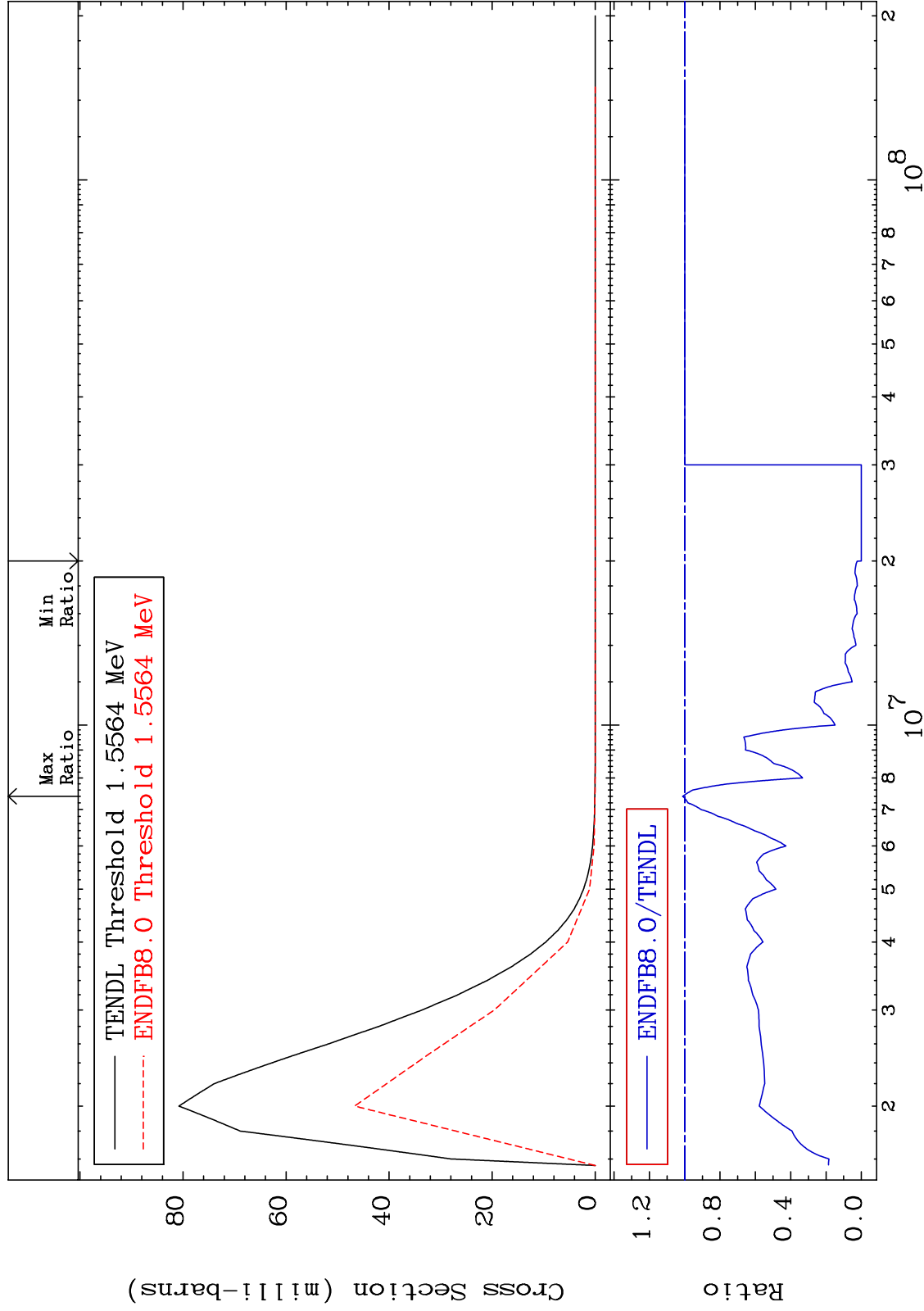
MAT 8031 MT= 55 (n,n') Level Cross Section 80-Hg-198
 -100.0 To 117.7 %



MAT 8031

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

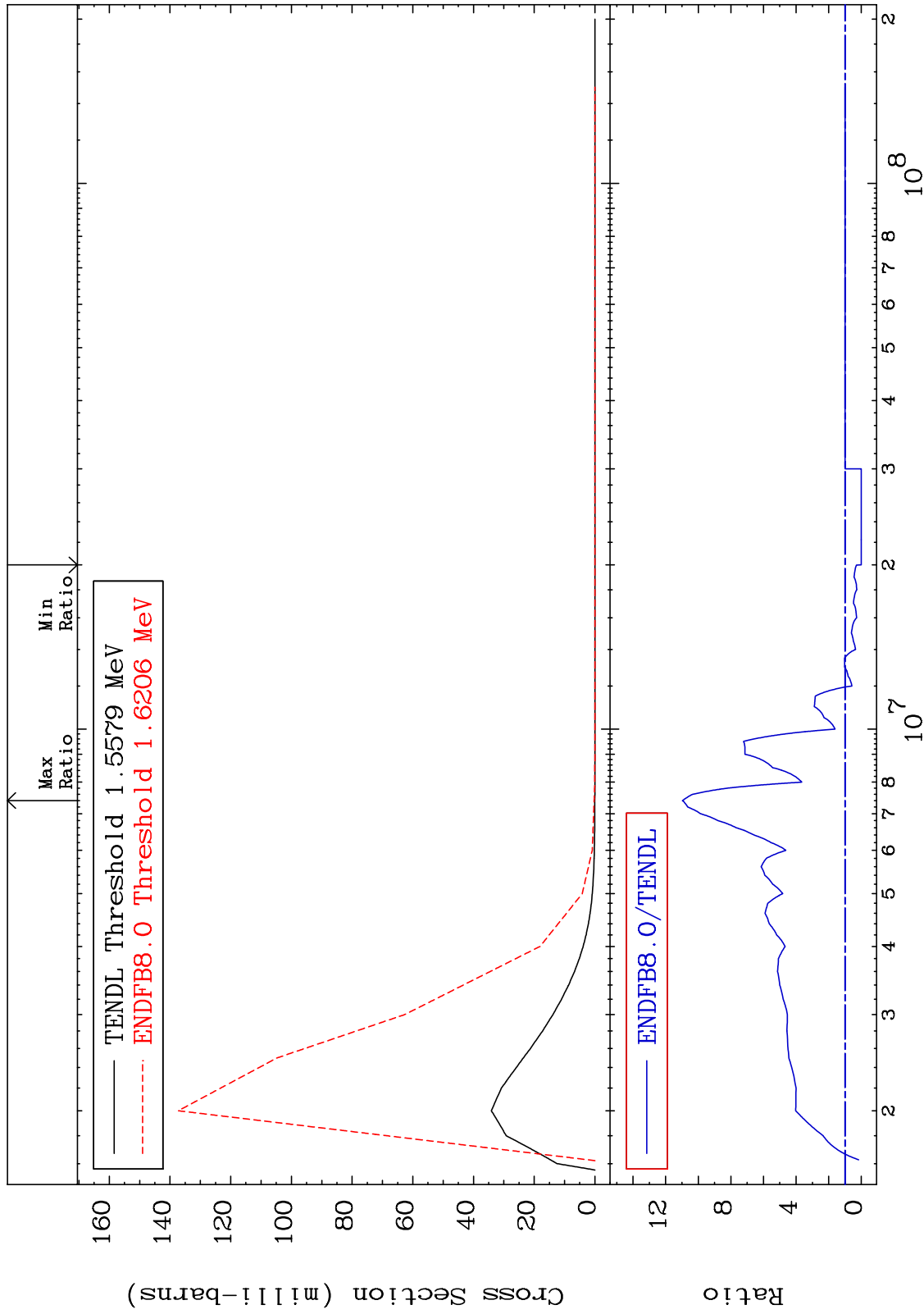
80-Hg-198
-100.0 To 1.167 %



MAT 8031

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

80-Hg-198
-100.0 To 997.0 %

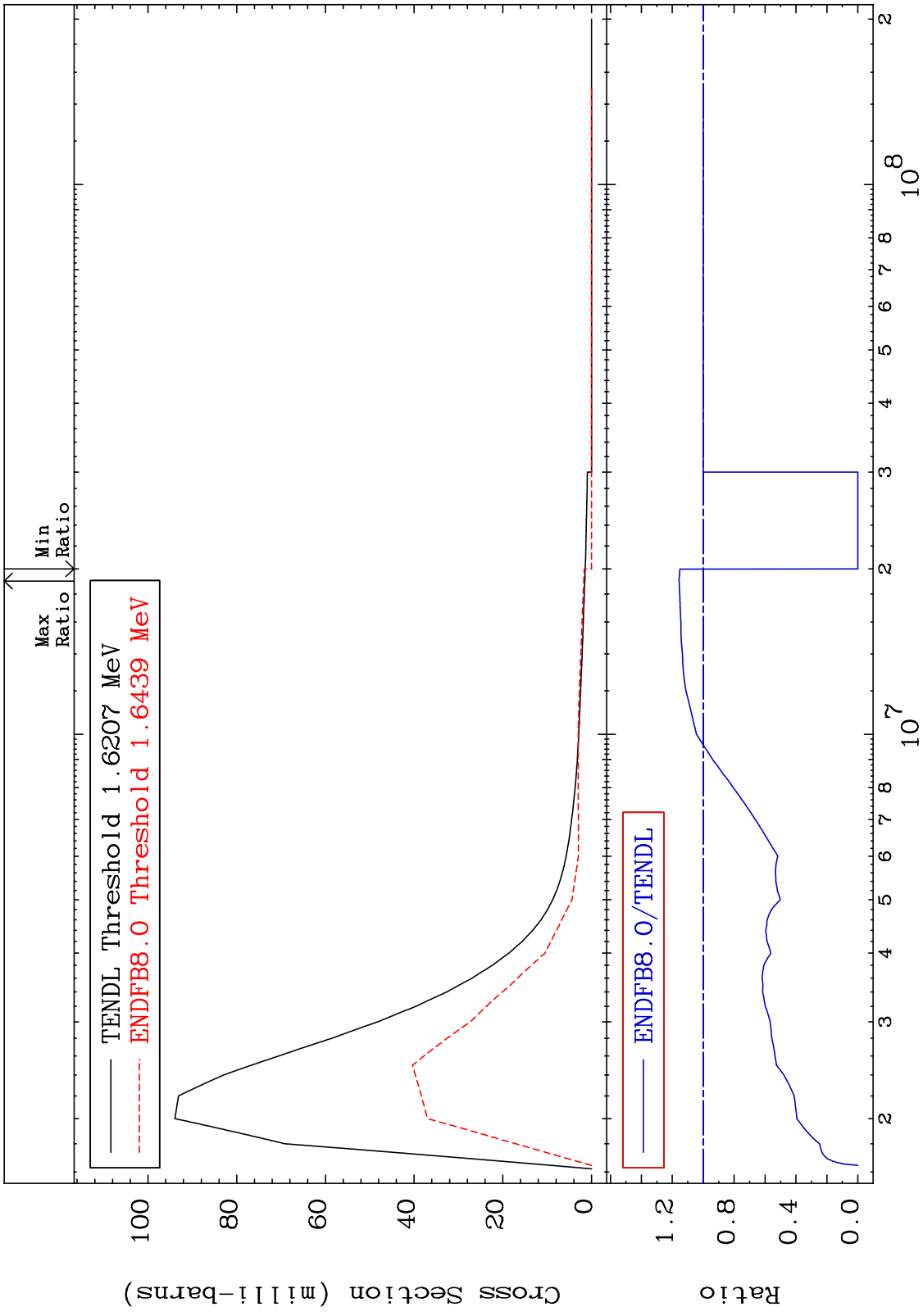


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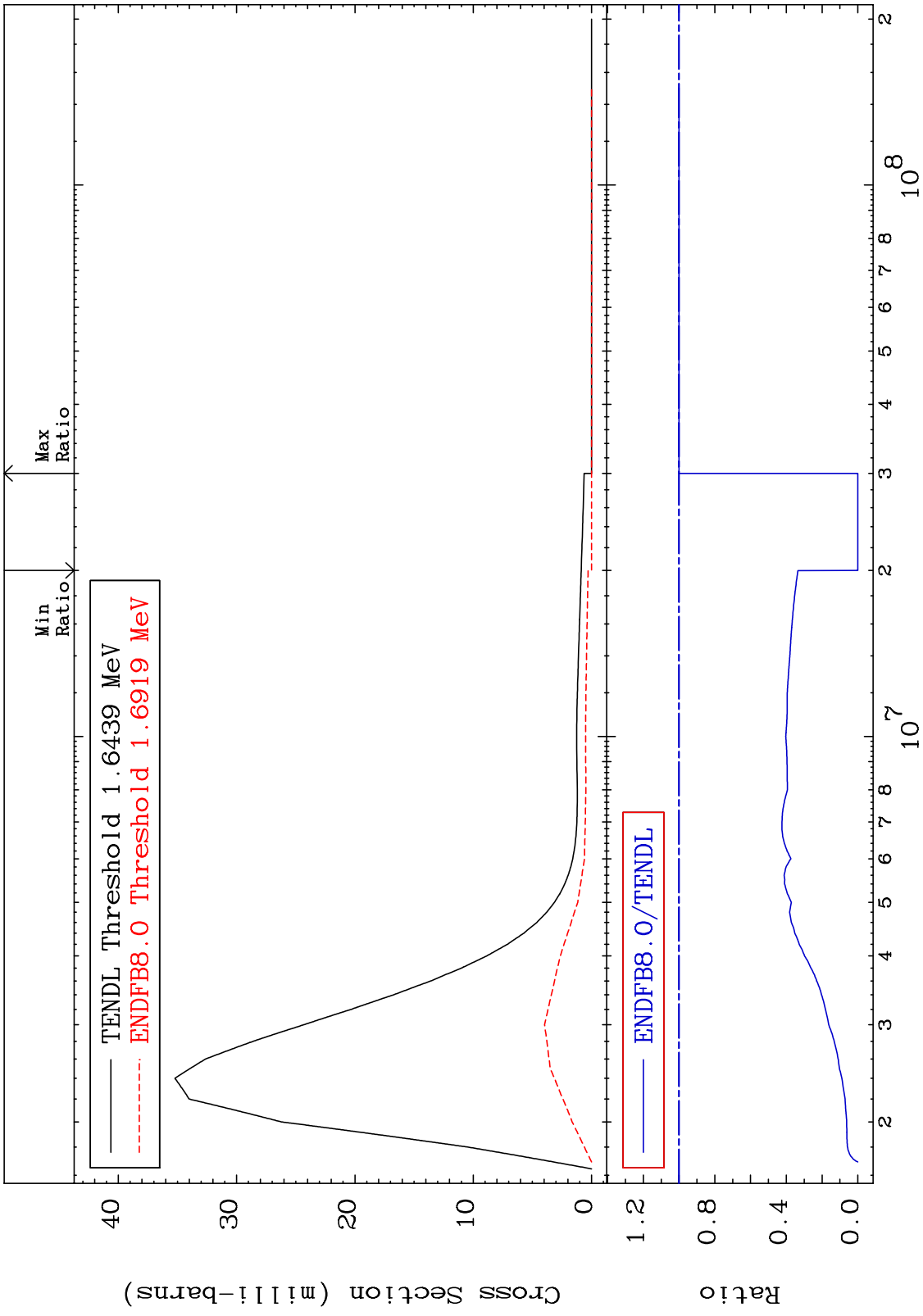
Incident Energy (eV)

80-Hg-198

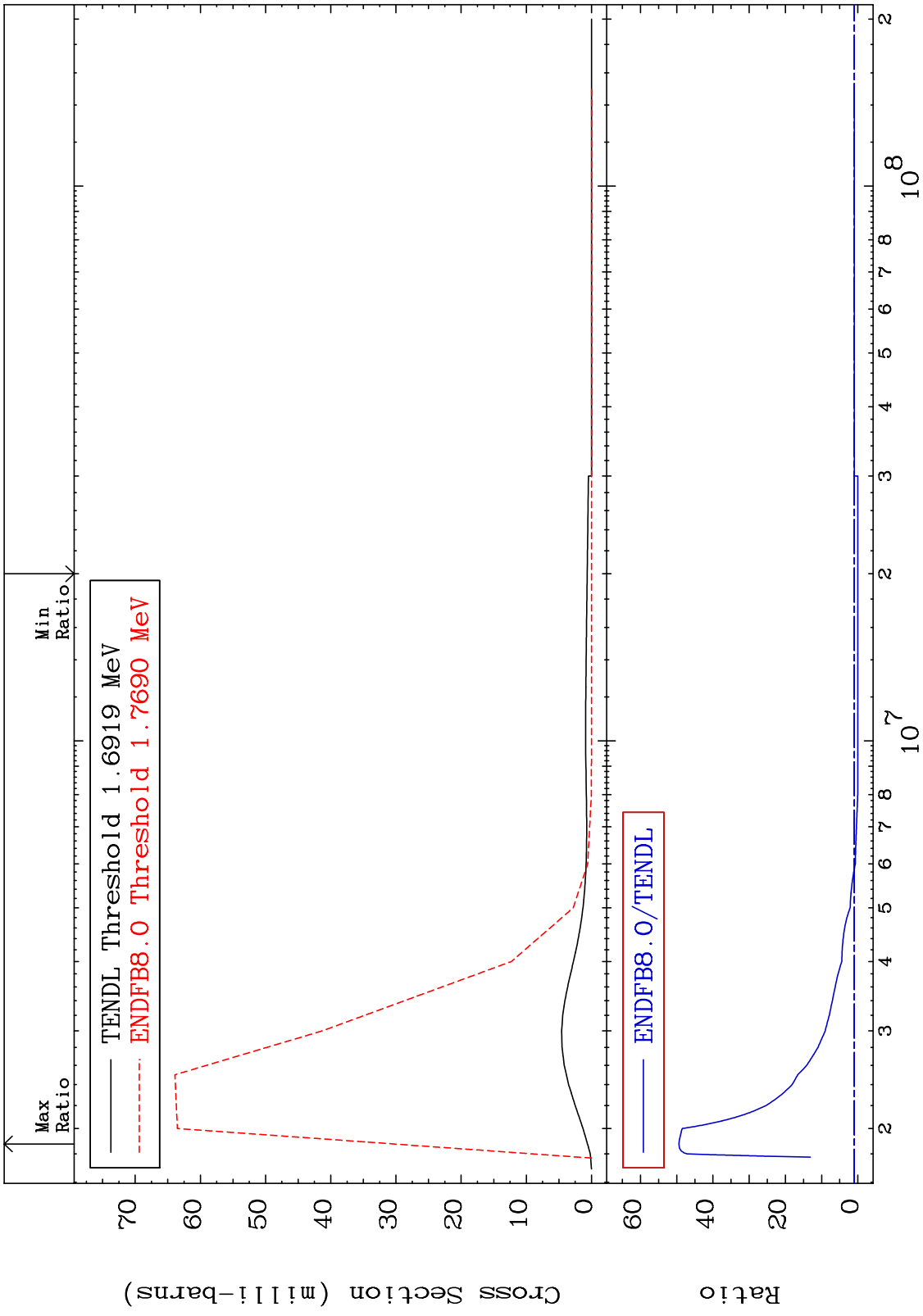
MAT 8031 MT= 58 (n,n') Level Cross Section 80-Hg-198
 -100.0 To 15.64 %



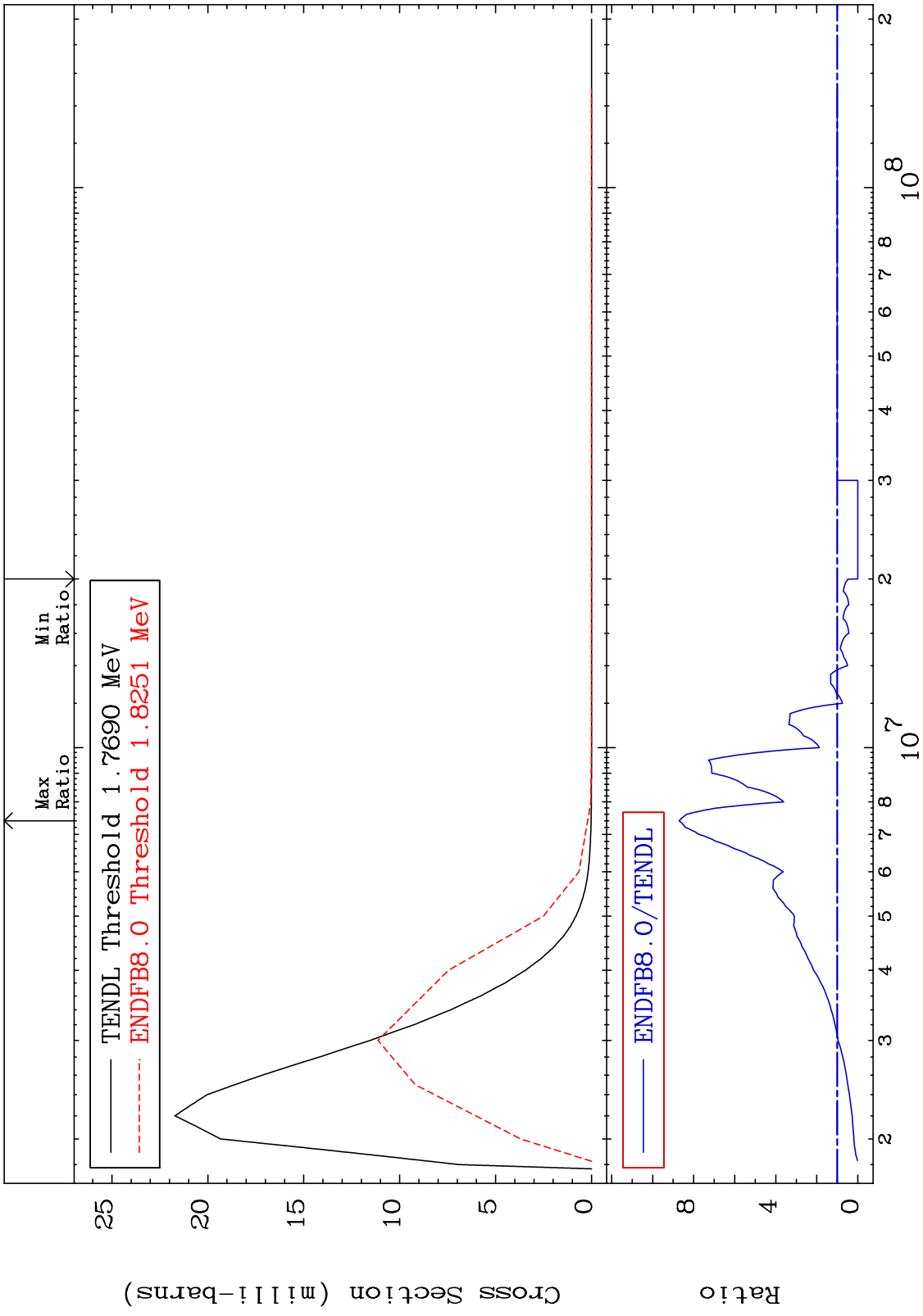
MAT 8031 MT= 59 (n,n') Level Cross Section -100.0 To 0.000 % 80-Hg-198



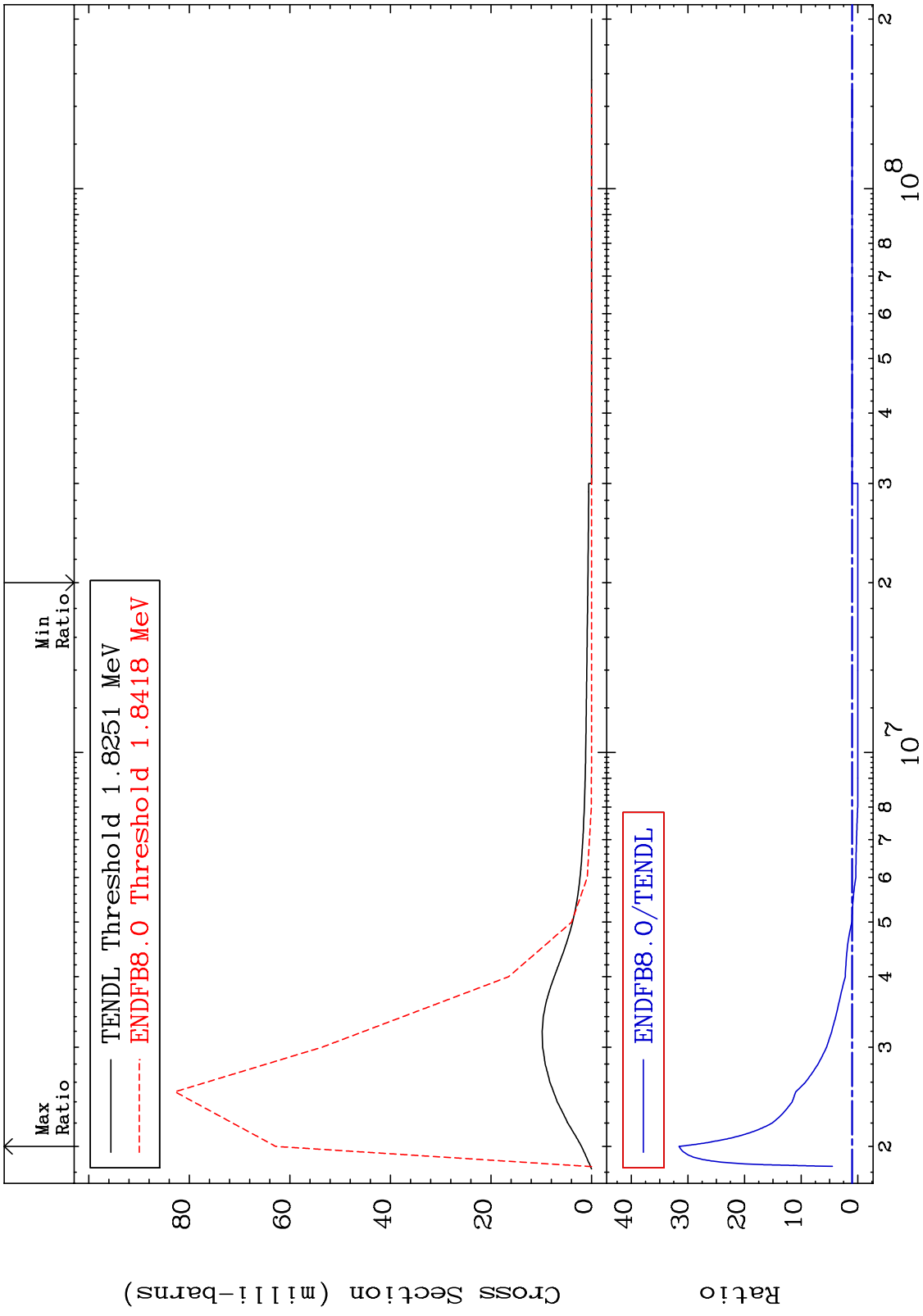
MAT 8031 MT= 60 (n,n') Level Cross Section -100.0 To 4836. % 80-Hg-198



MAT 8031 MT= 61 (n,n') Level Cross Section 80-Hg-198
 -100.0 To 771.4 %

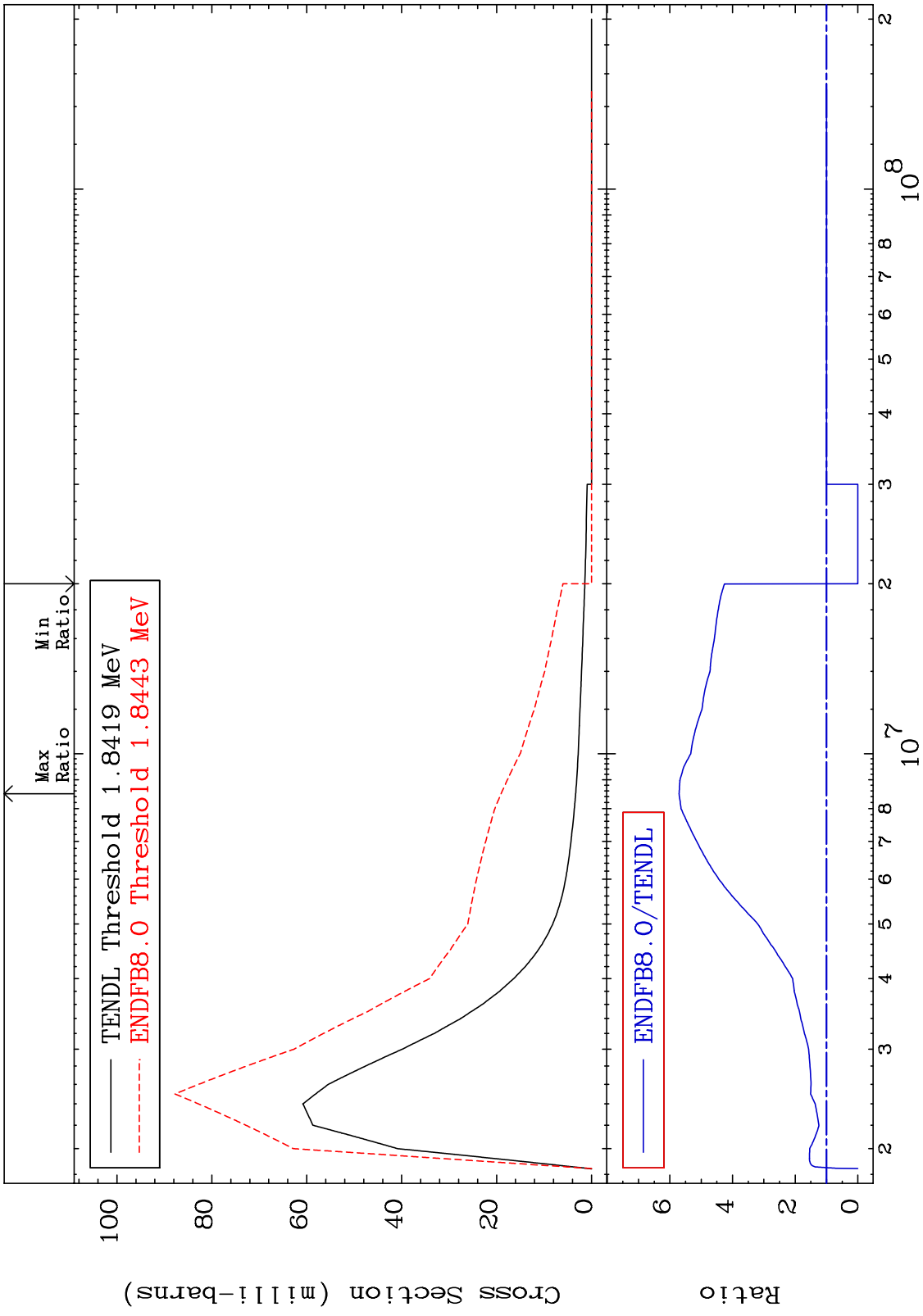


MAT 8031 MT= 62 (n,n') Level Cross Section 80-Hg-198
 -100.0 To 3057. %

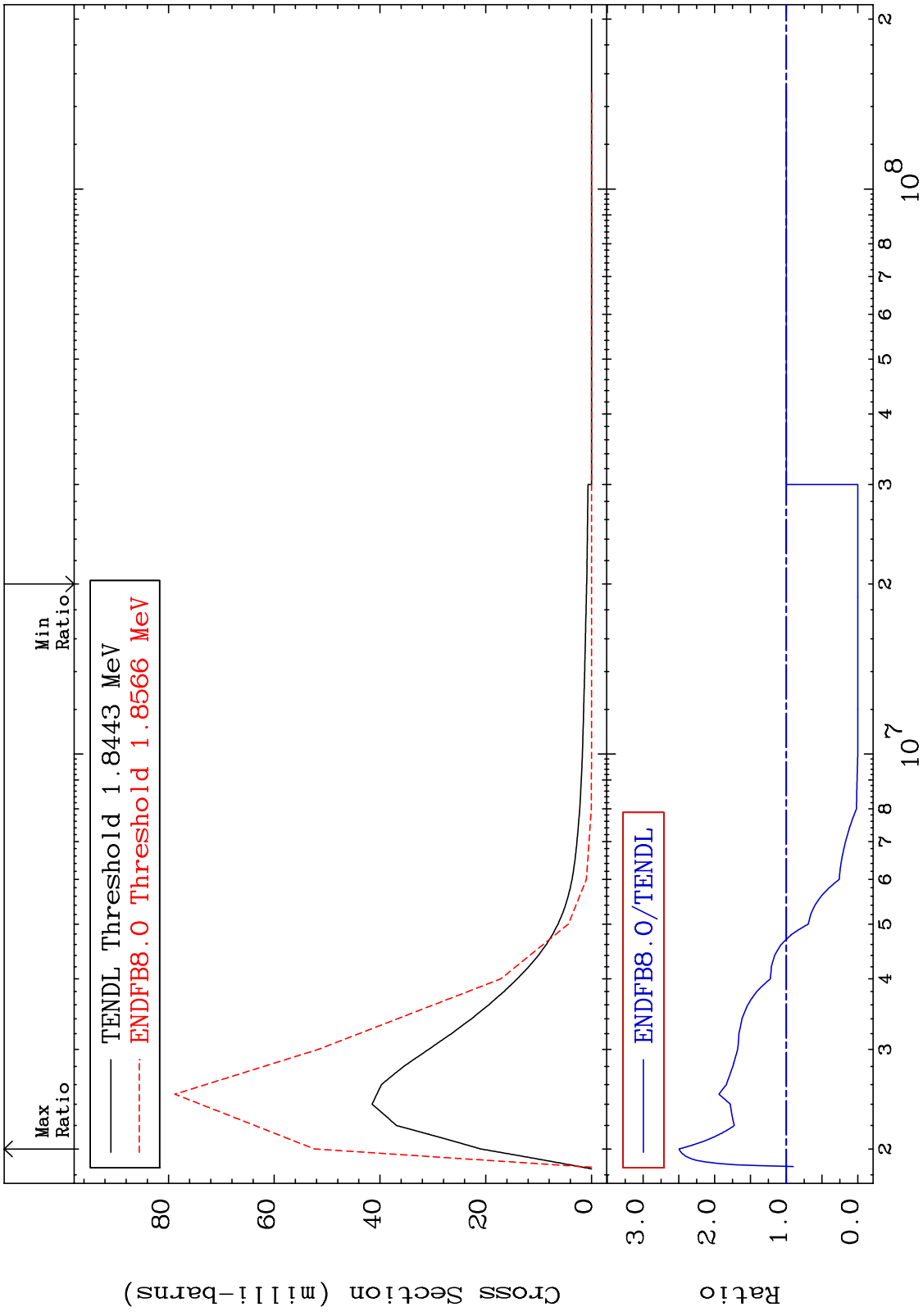


20 80-Hg-198

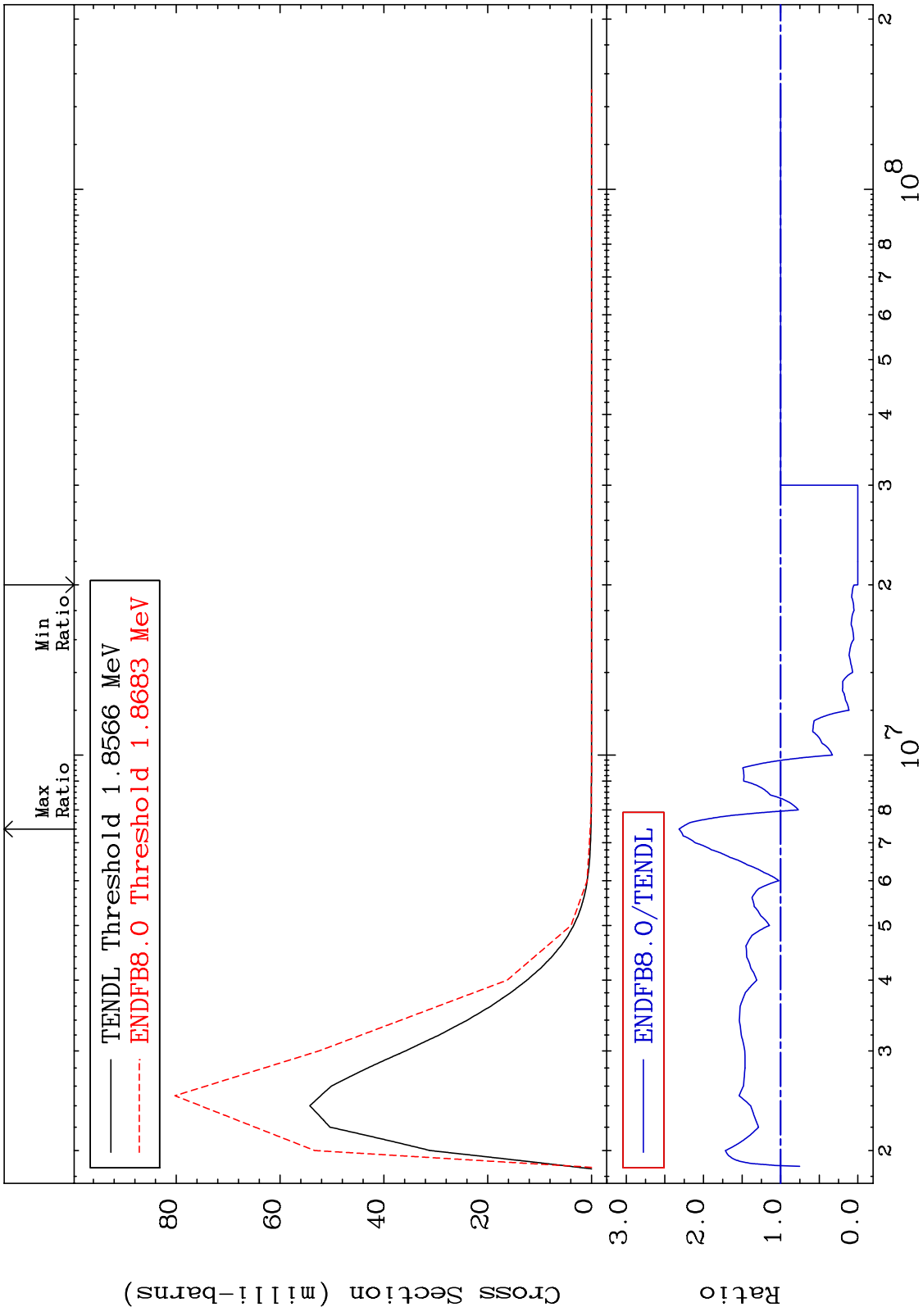
MAT 8031 MT= 63 (n,n') Level Cross Section 80-Hg-198
 -100.0 To 470.6 %



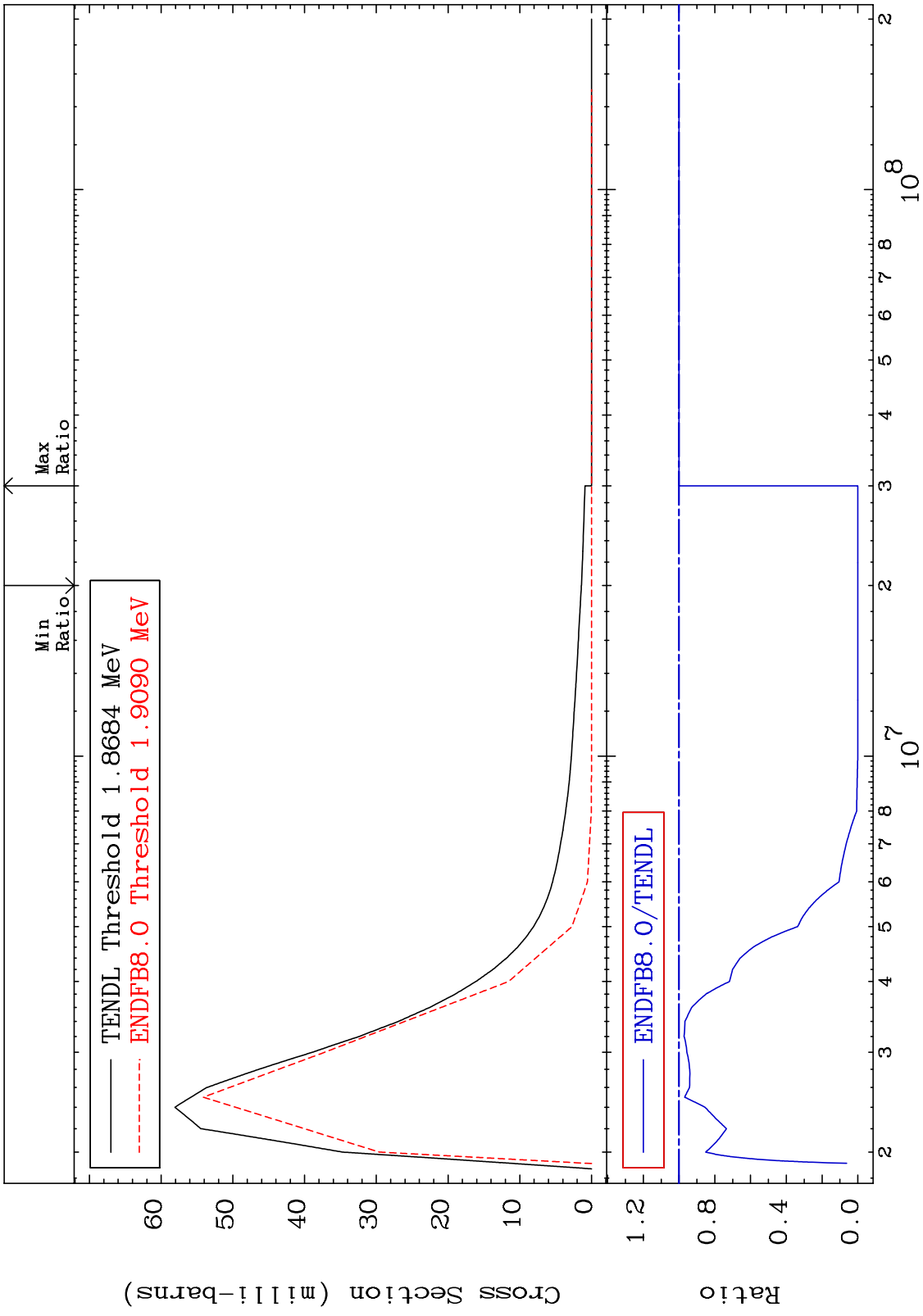
MAT 8031 MT= 64 (n,n') Level Cross Section -100.0 To 149.7 % 80-Hg-198



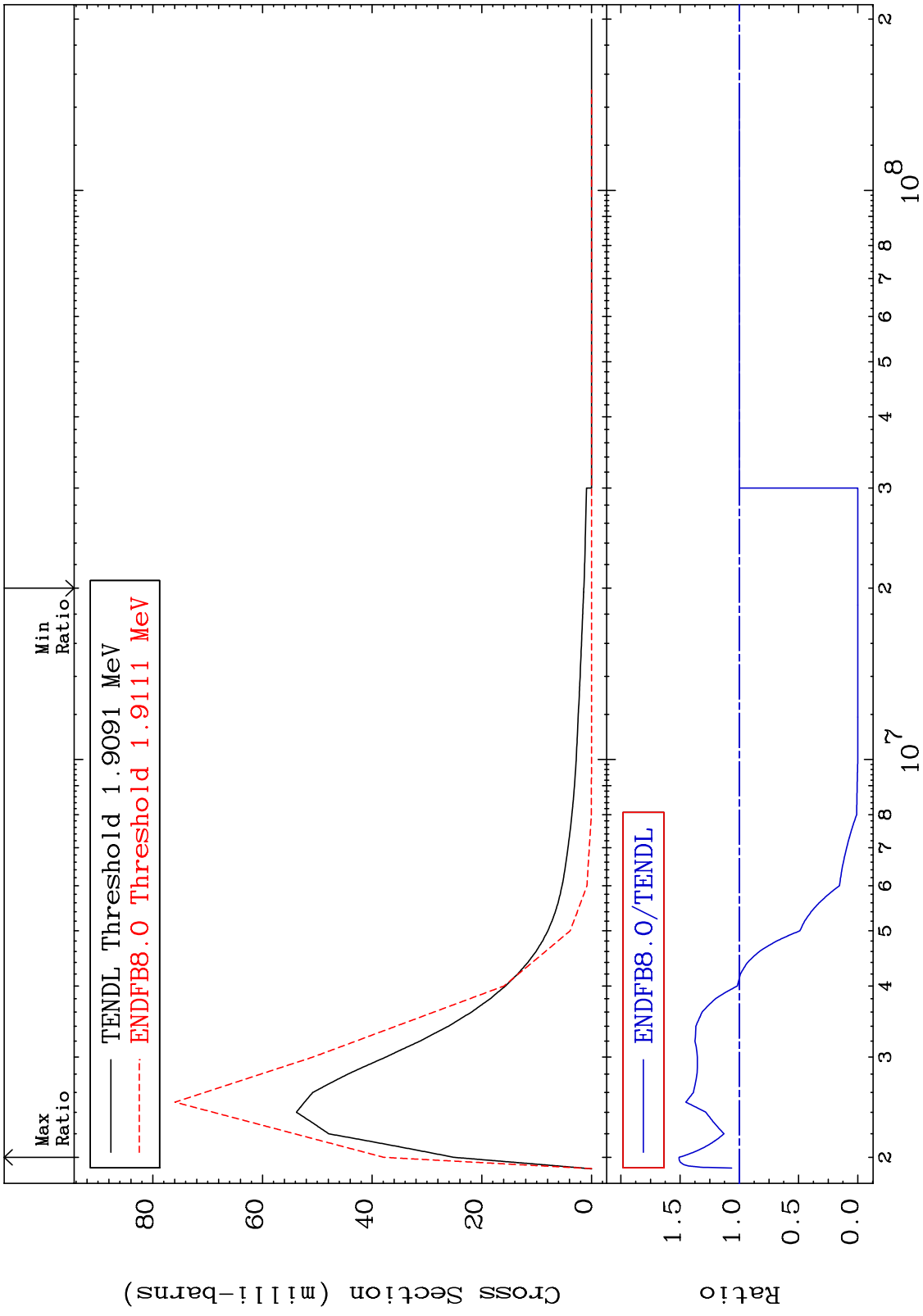
MAT 8031 MT= 65 (n,n') Level Cross Section 80-Hg-198
 -100.0 To 131.6 %



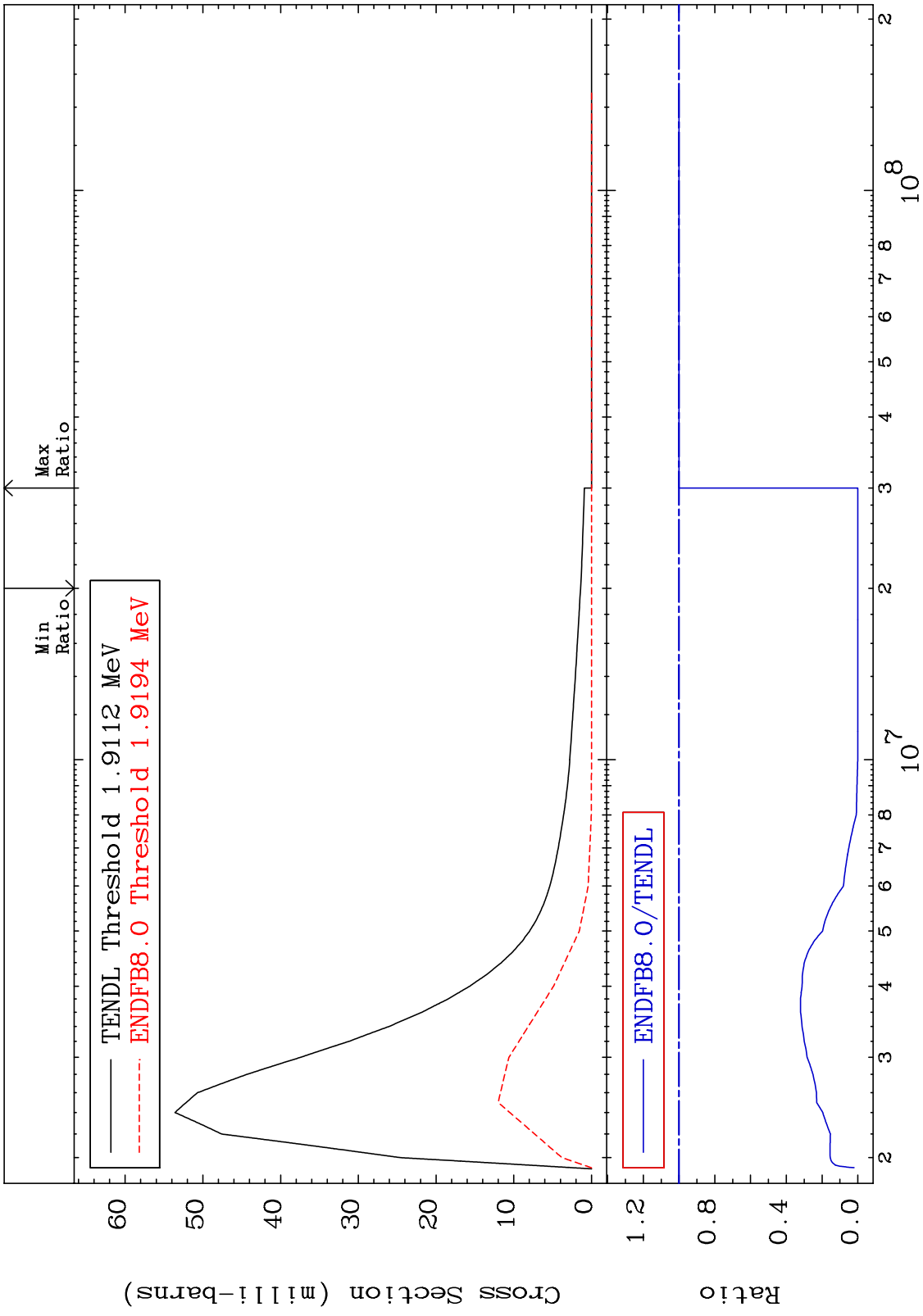
MAT 8031 MT= 66 (n,n') Level Cross Section 80-Hg-198
 -100.0 To 0.000 %



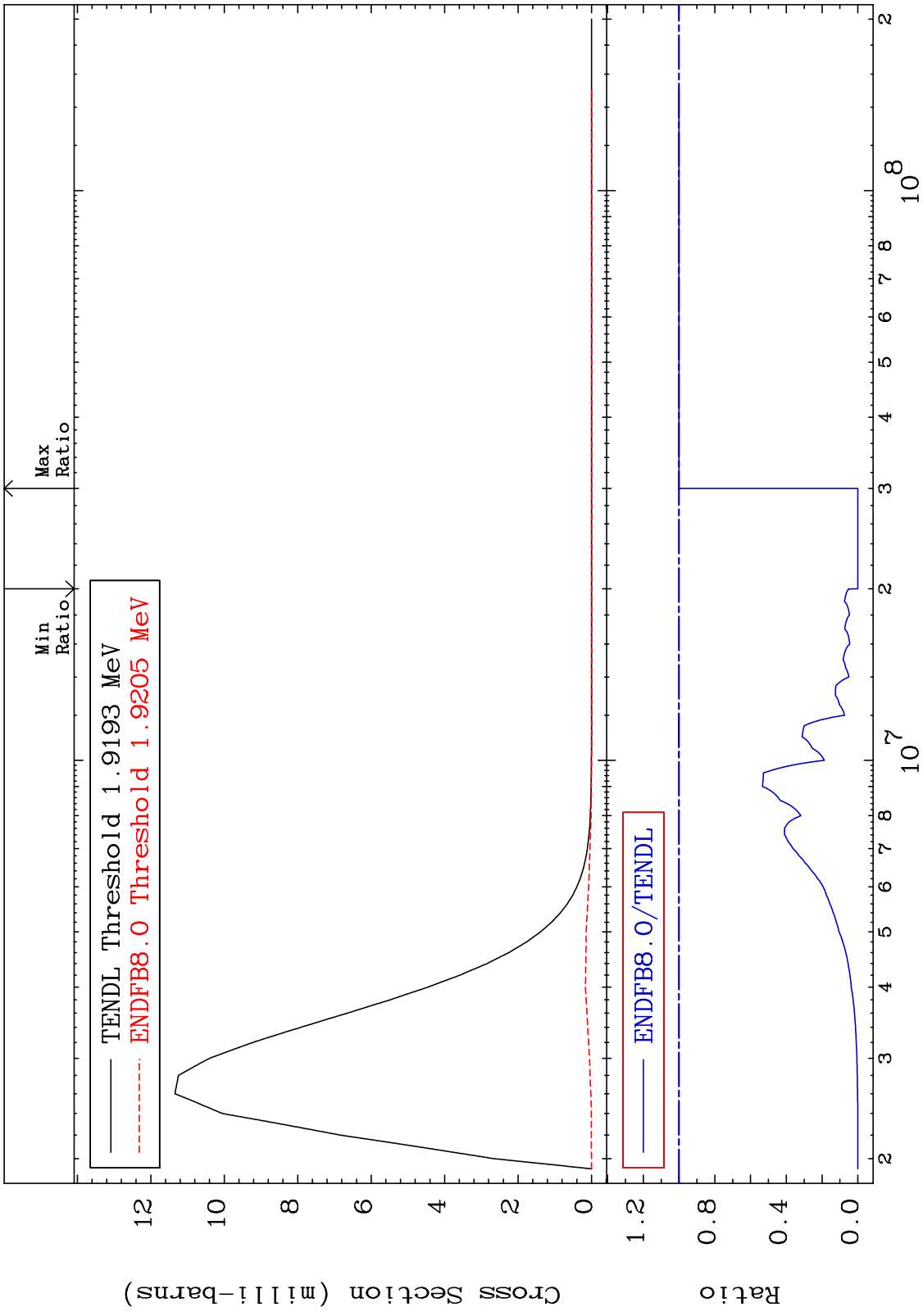
MAT 8031 MT= 67 (n,n') Level Cross Section 80-Hg-198
 -100.0 To 50.90 %



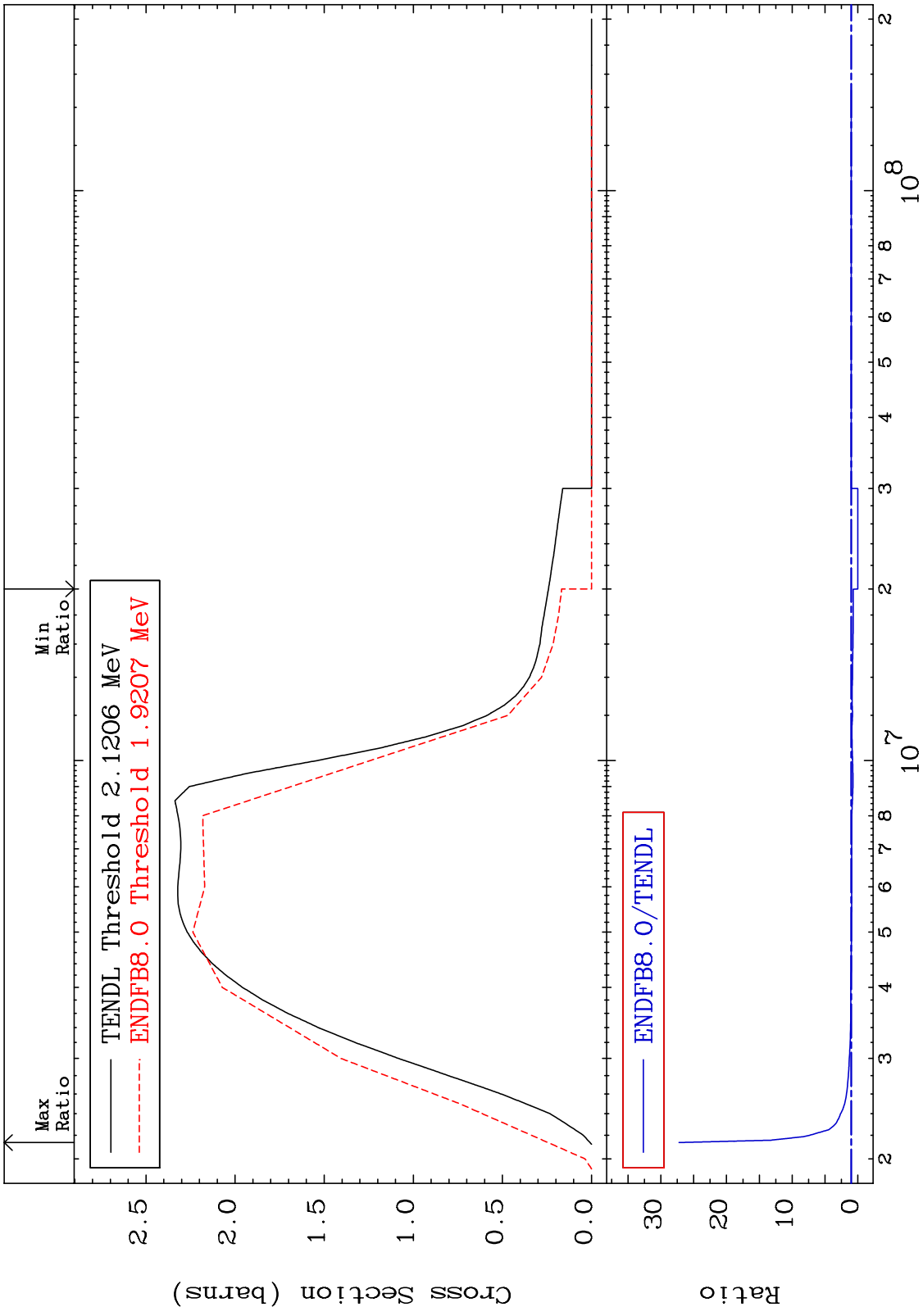
MAT 8031 MT= 68 (n,n') Level Cross Section 80-Hg-198
 -100.0 To 0.000 %



MAT 8031 MT= 69 (n,n') Level Cross Section 80-Hg-198
 -100.0 To 0.000 %



MAT 8031 (n, n') Continuum Cross Section 80-Hg-198 -100.0 To 2623. %



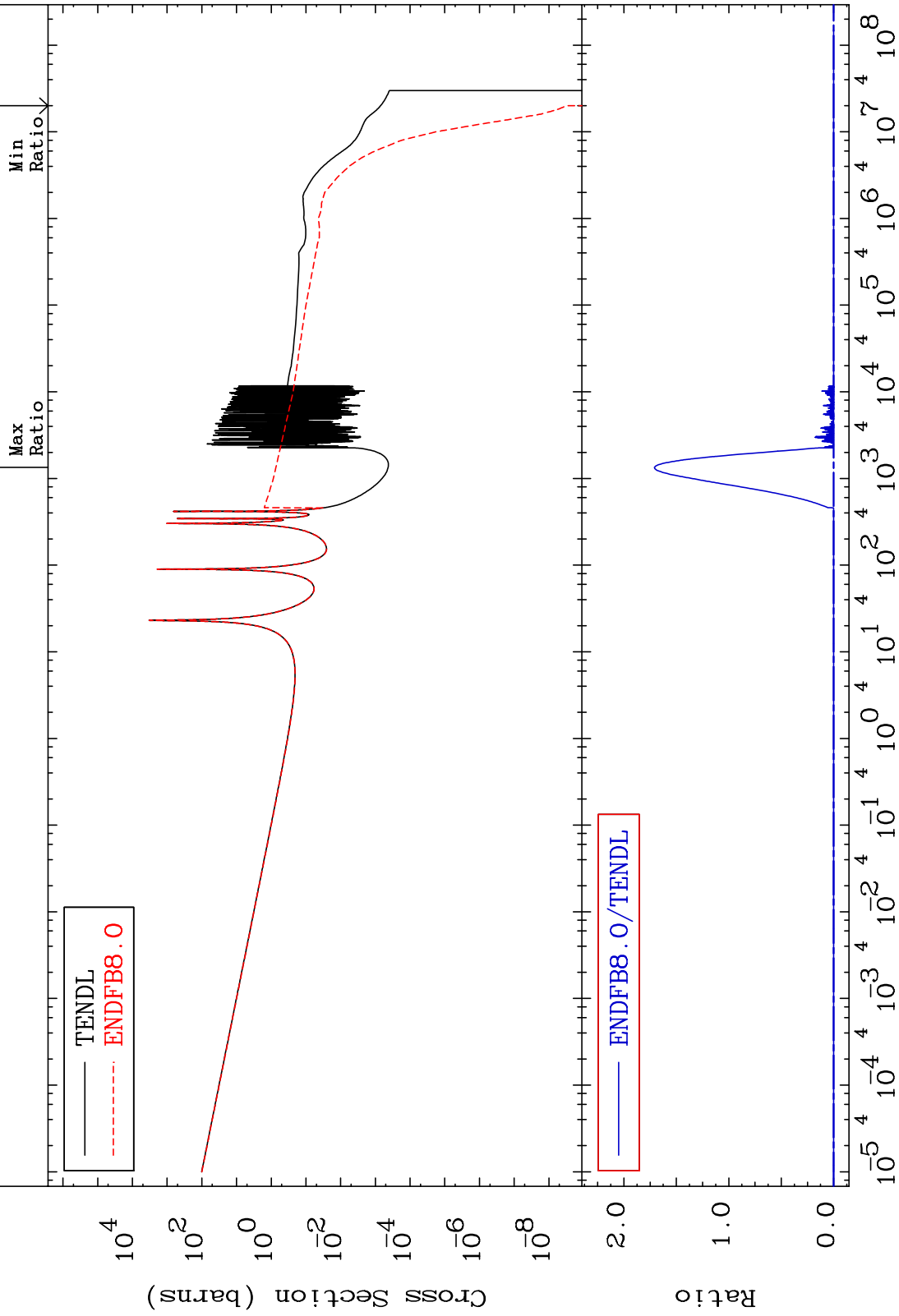
MAT 8031

(n, γ)

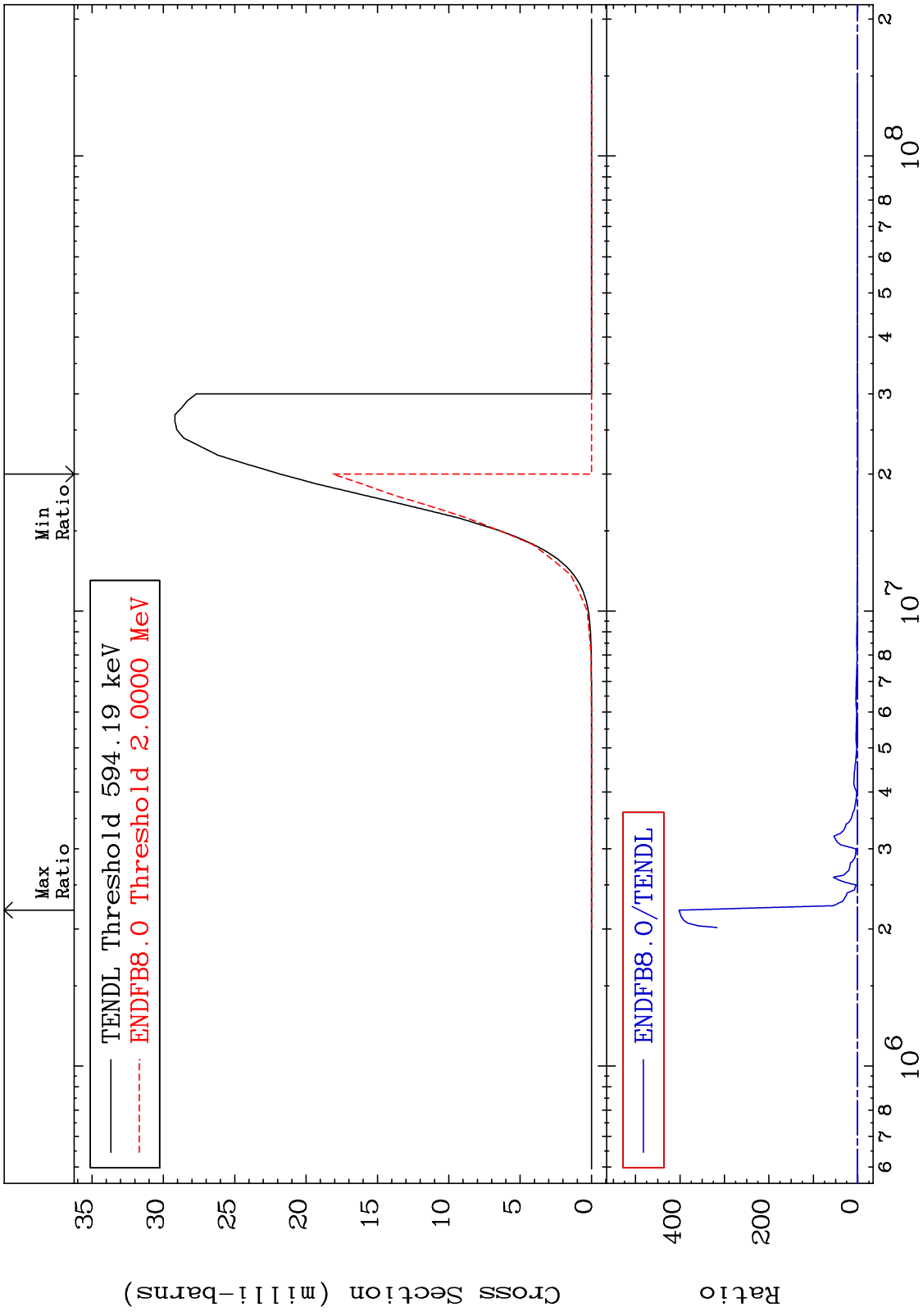
80-Hg-198

-100.0 To 9999. %

Cross Section

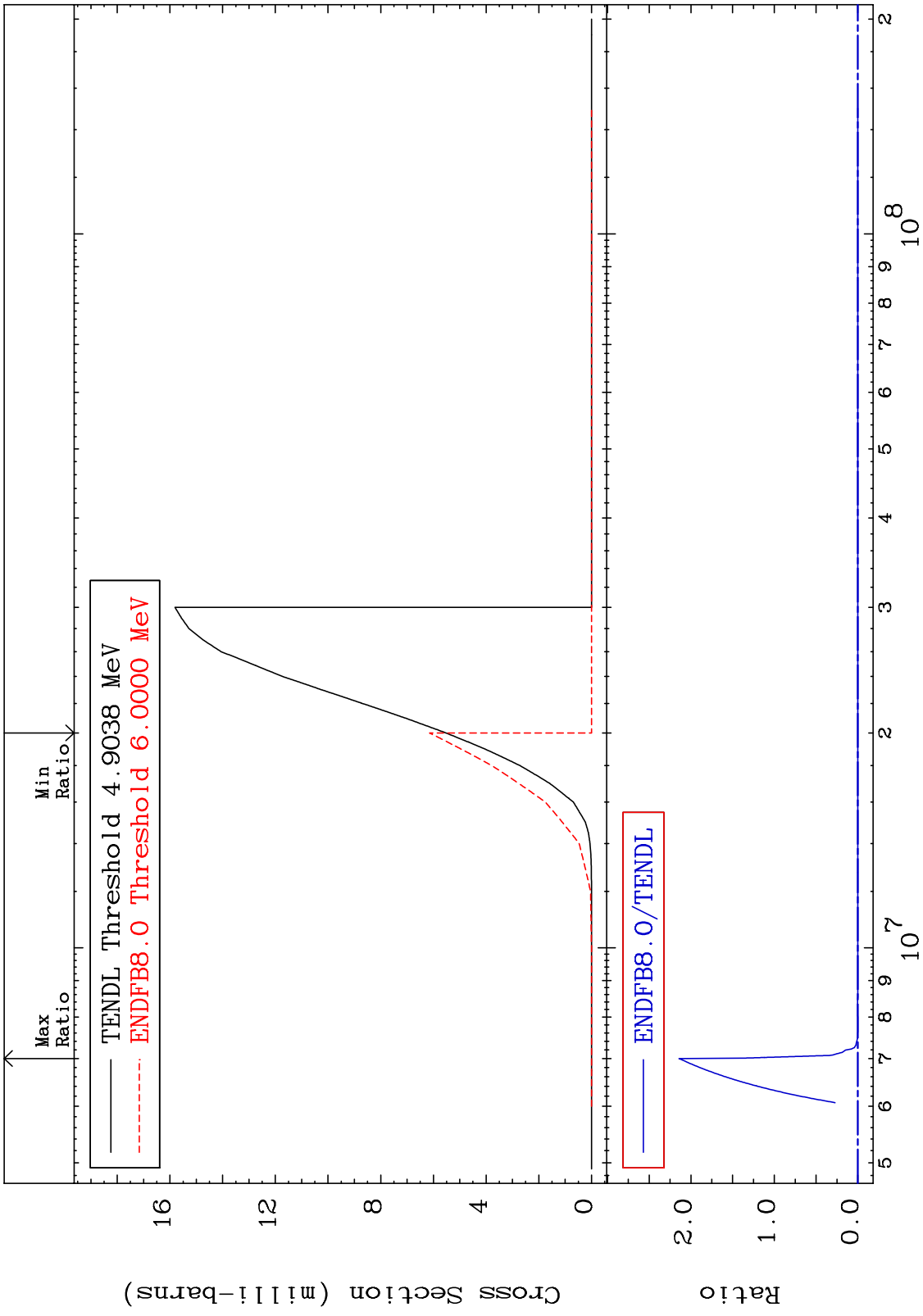


MAT 8031 (n,p) Cross Section 80-Hg-198
 -100.0 To 9999. %

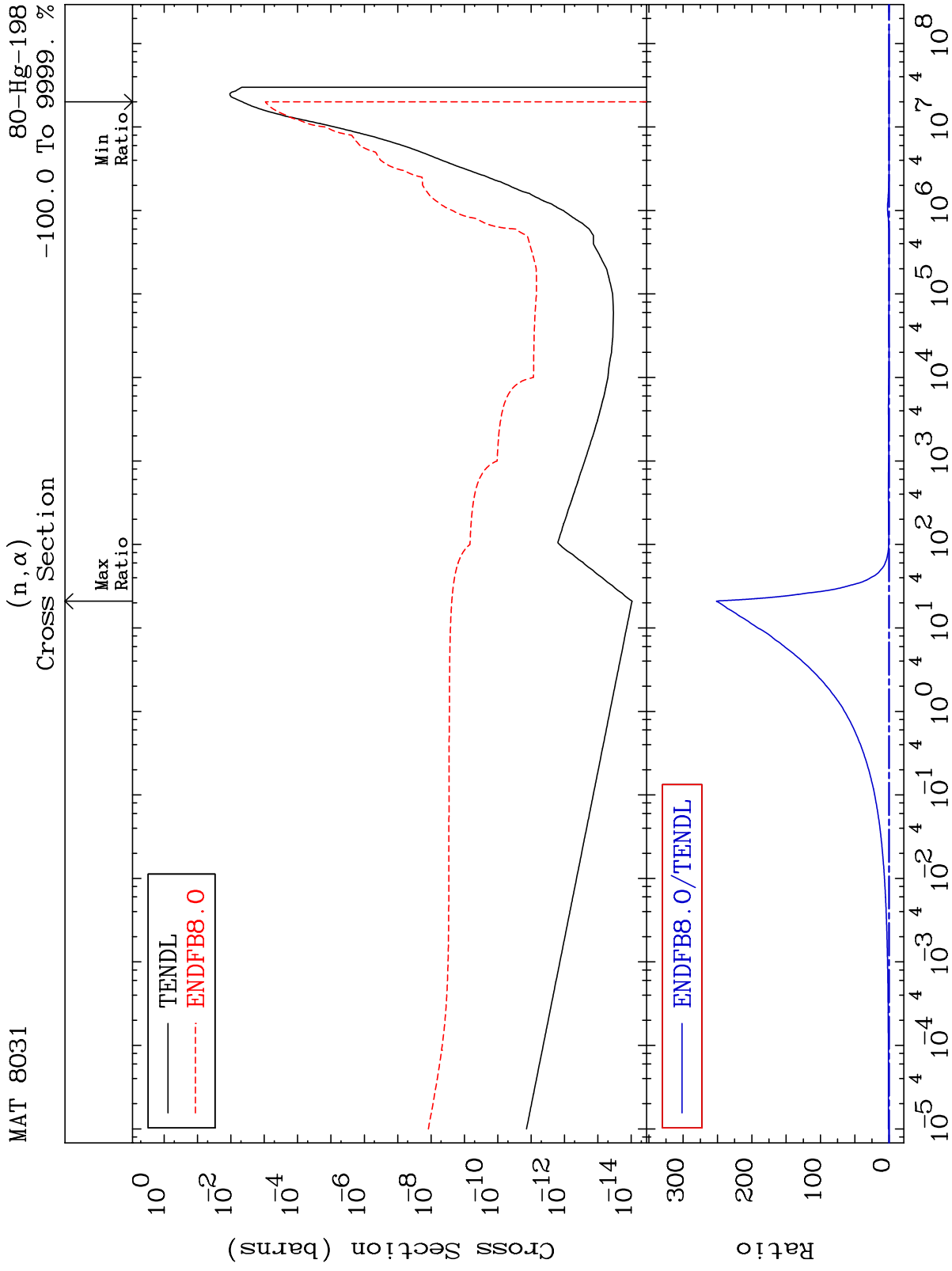


30 80-Hg-198

MAT 8031 (n,d) Cross Section 80-Hg-198
 -100.0 To 9999. %



MAT 8031 80-Hg-198
-100.0 To 9999. %

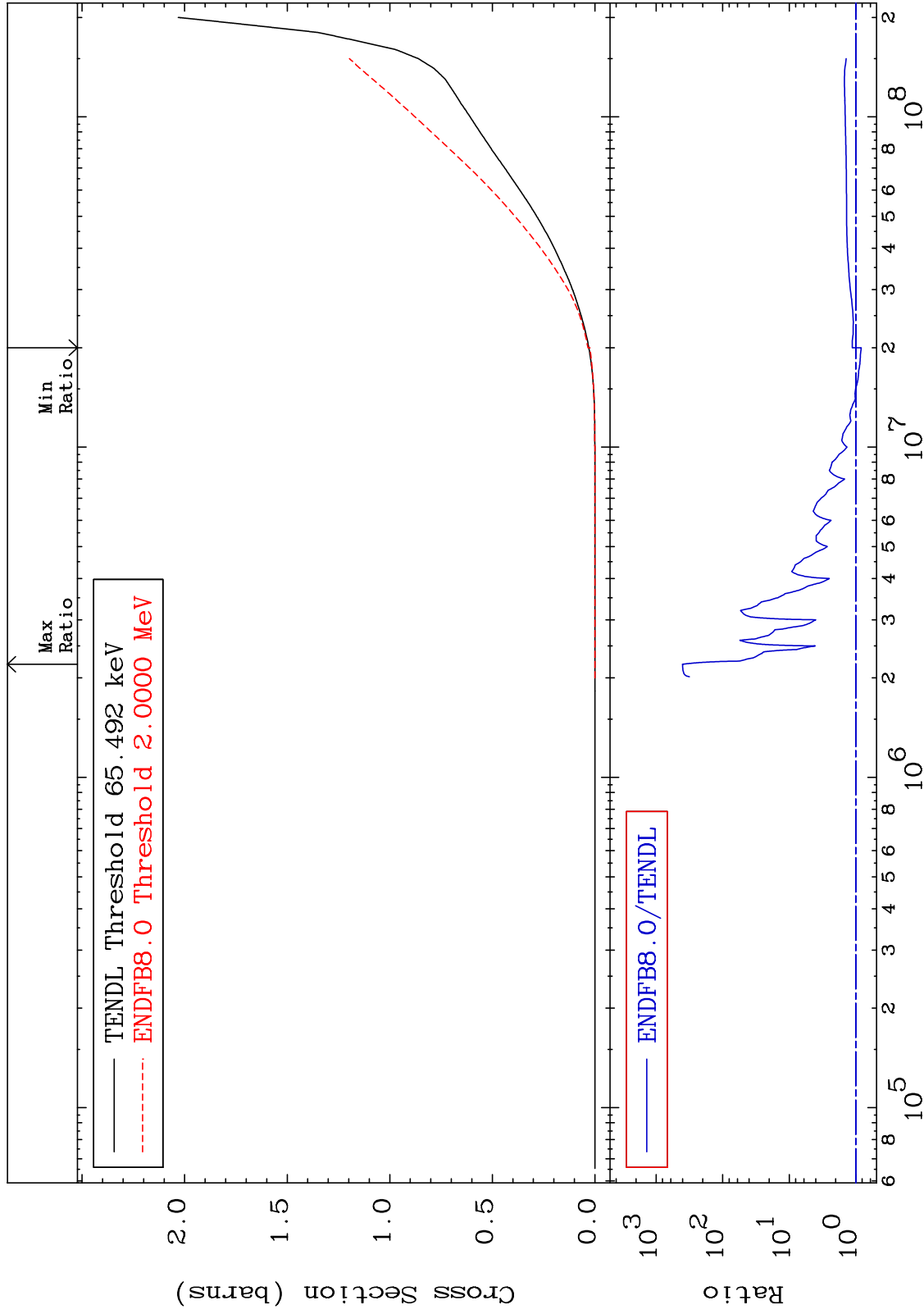


80-Hg-198

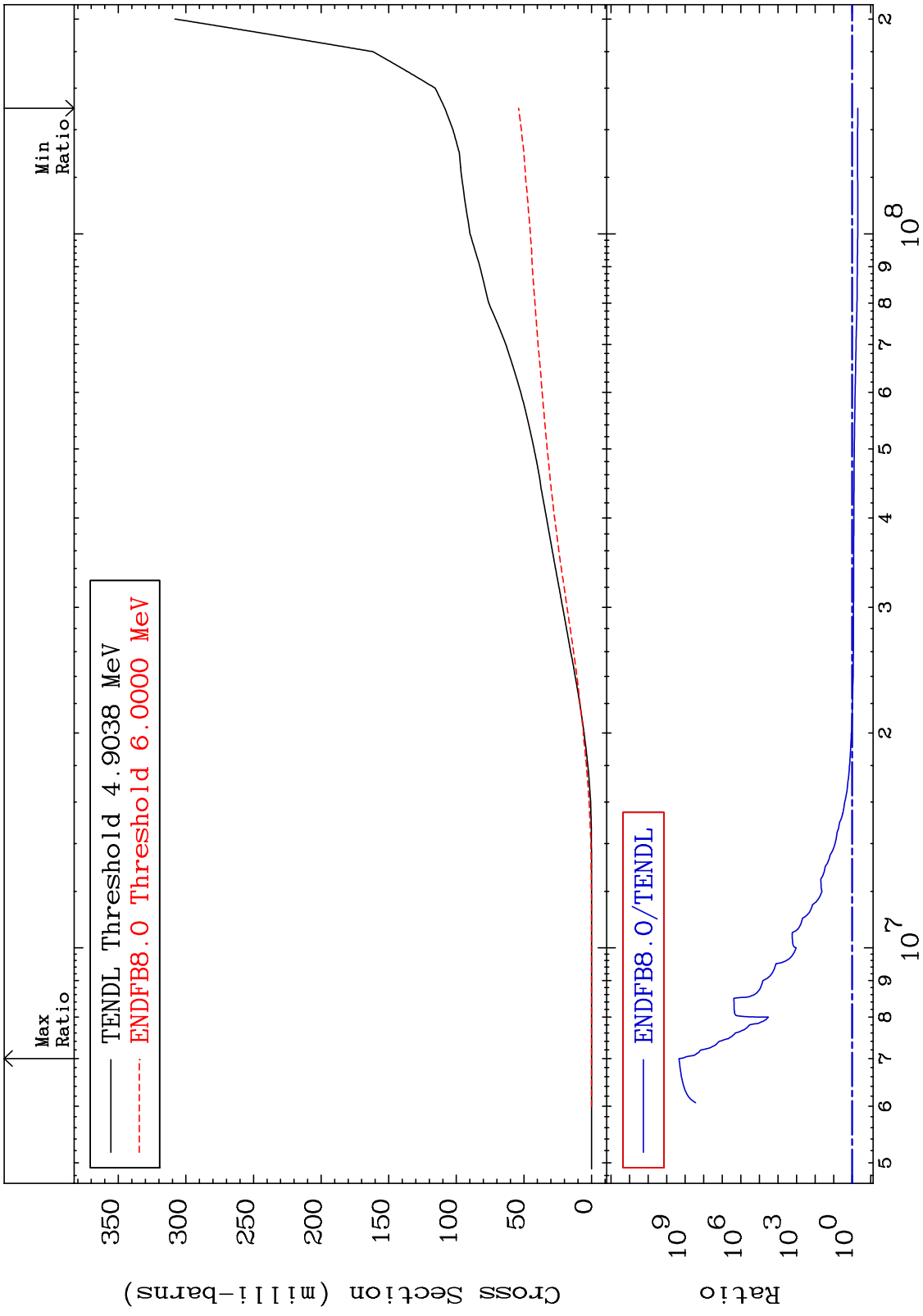
MAT 8031

Hydrogen Production
Cross Section

80-Hg-198
-17.45 To 9999. %



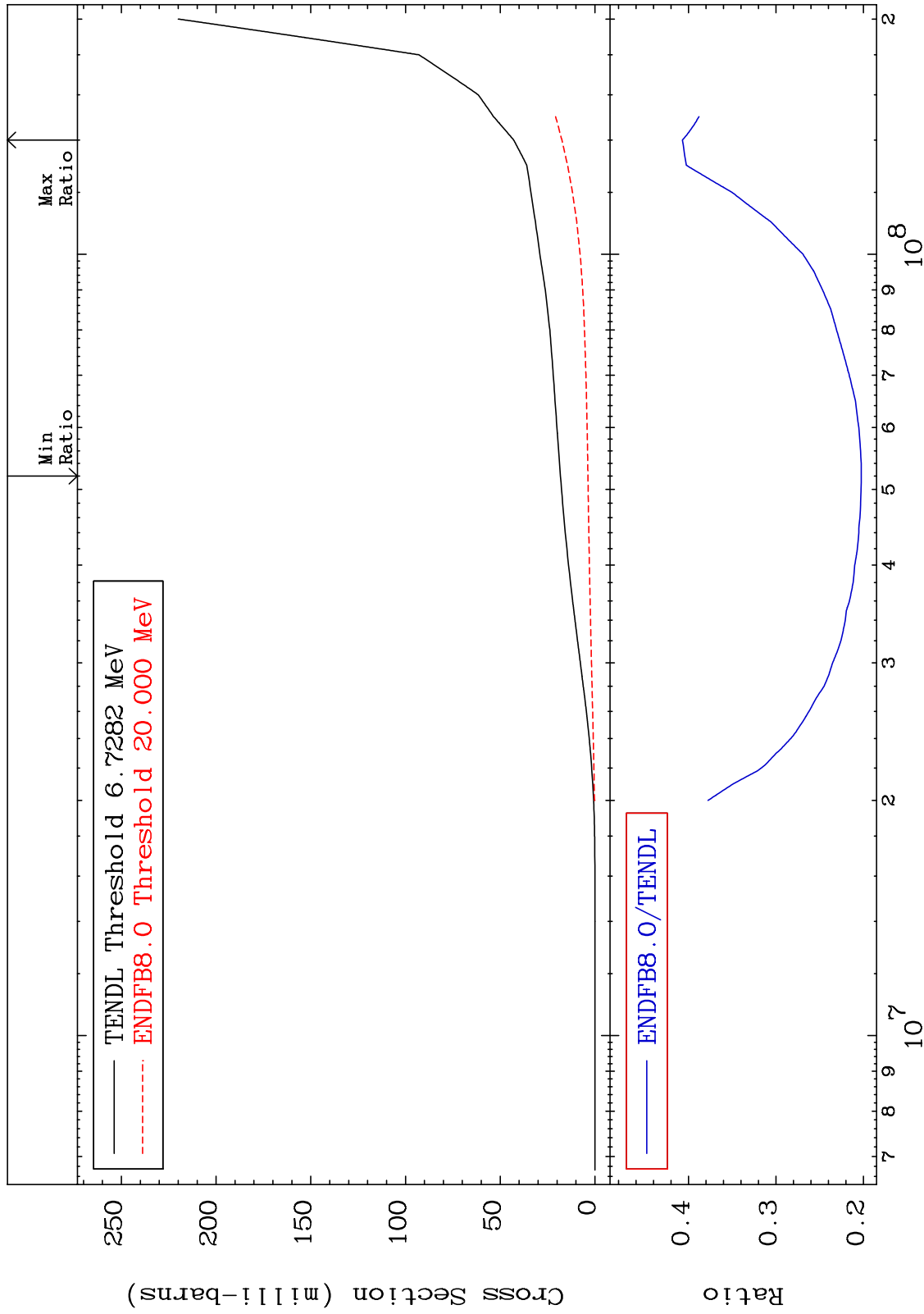
MAT 8031 Deuterium Production Cross Section 80-Hg-198
 -50.31 To 9999. %



MAT 8031

Tritium Production
Cross Section

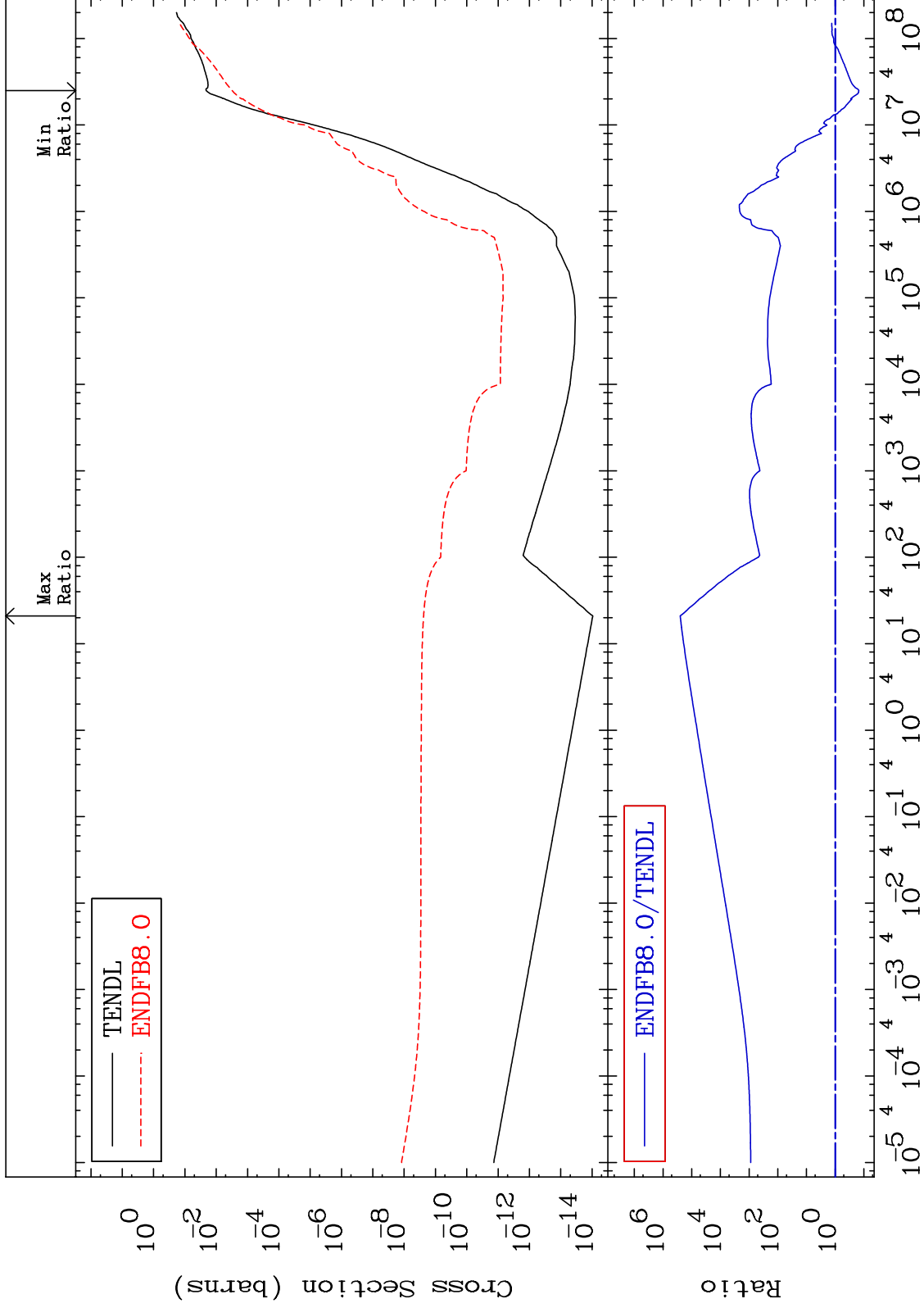
80-Hg-198
-79.75 To -59.31%



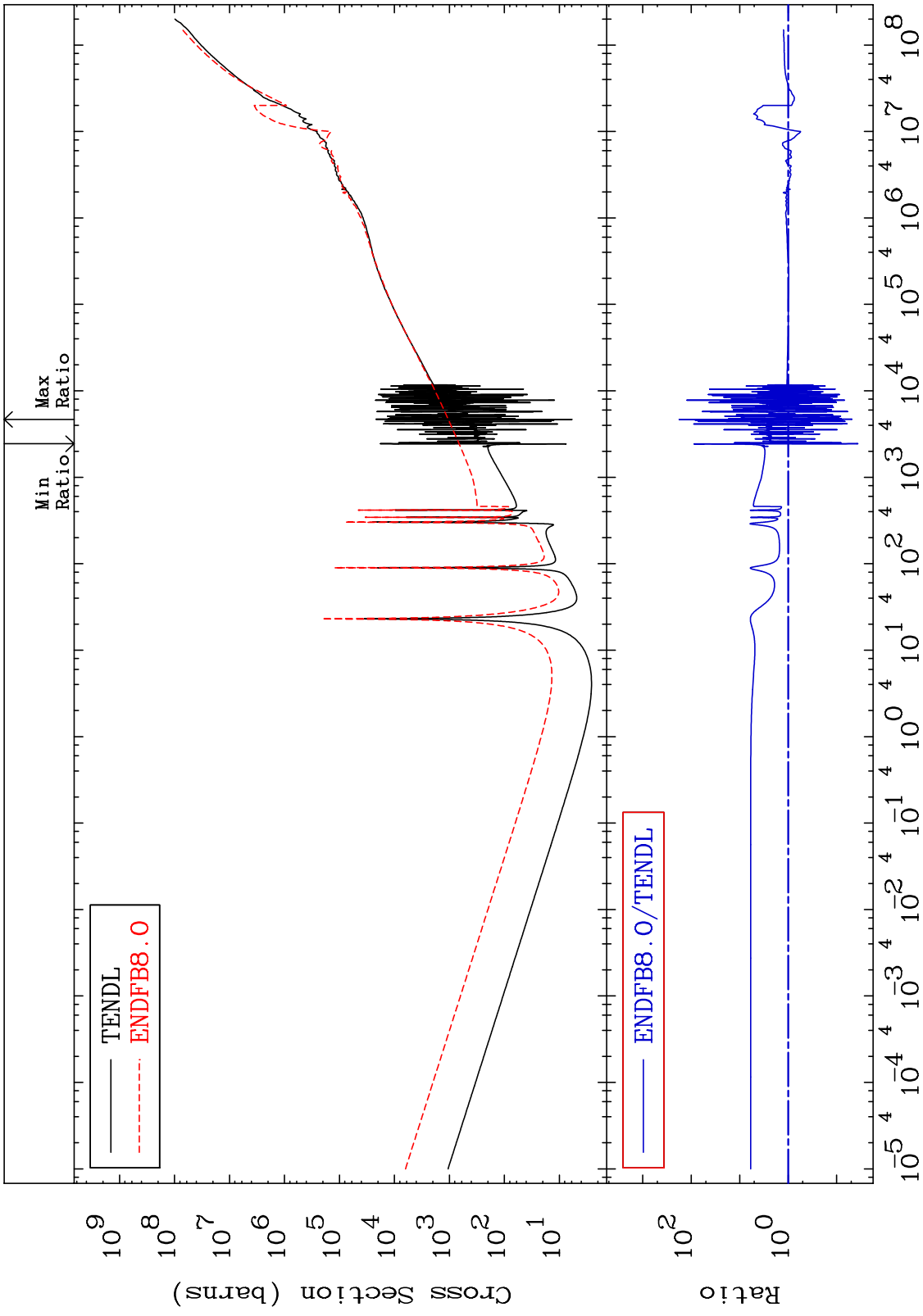
MAT 8031

He-4 Production
Cross Section

80-Hg-198
-85.06 To 9999. %



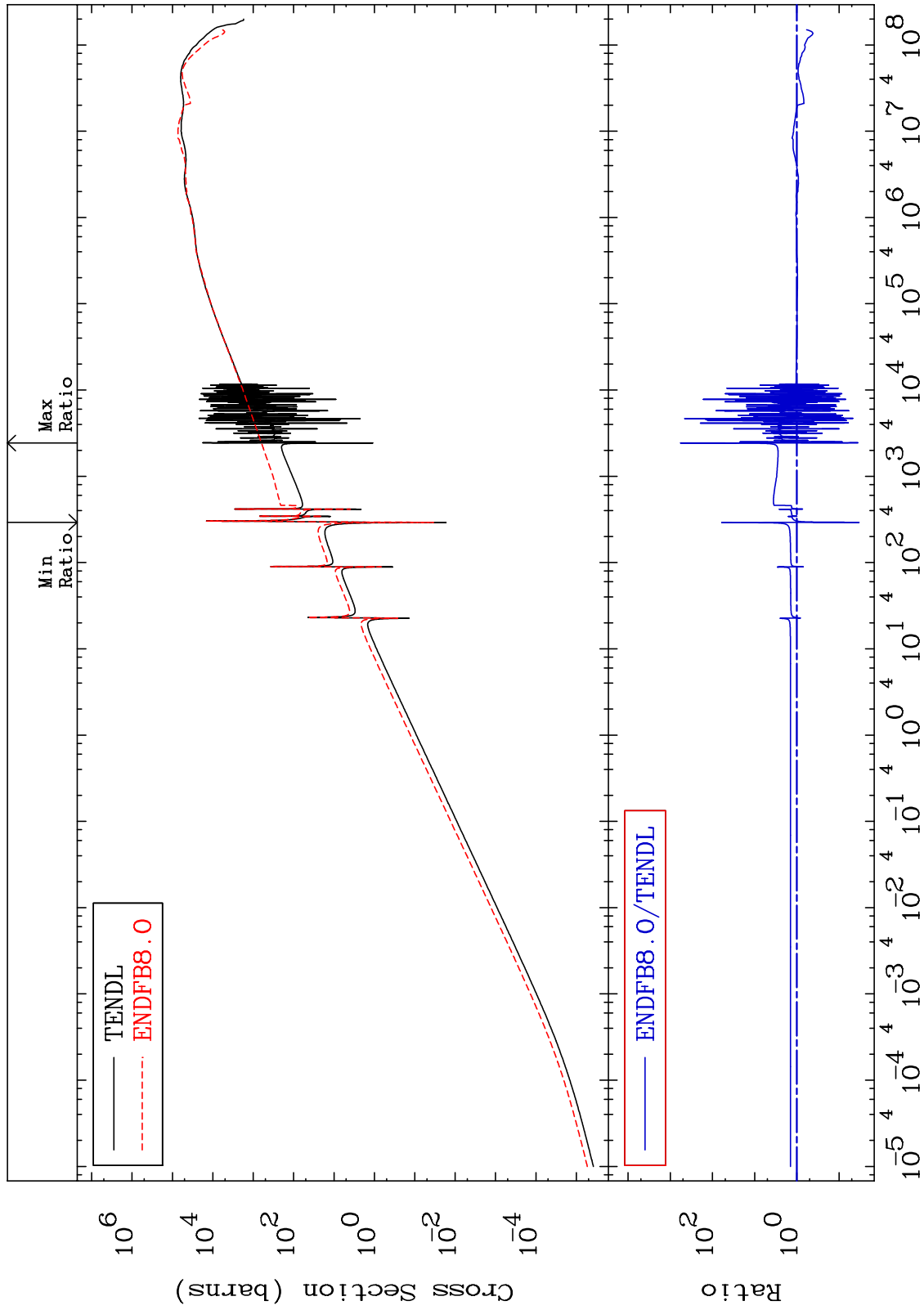
MAT 8031 Kerma total (eV-barns) 80-Hg-198
 Cross Section -96.34 To 9999. %



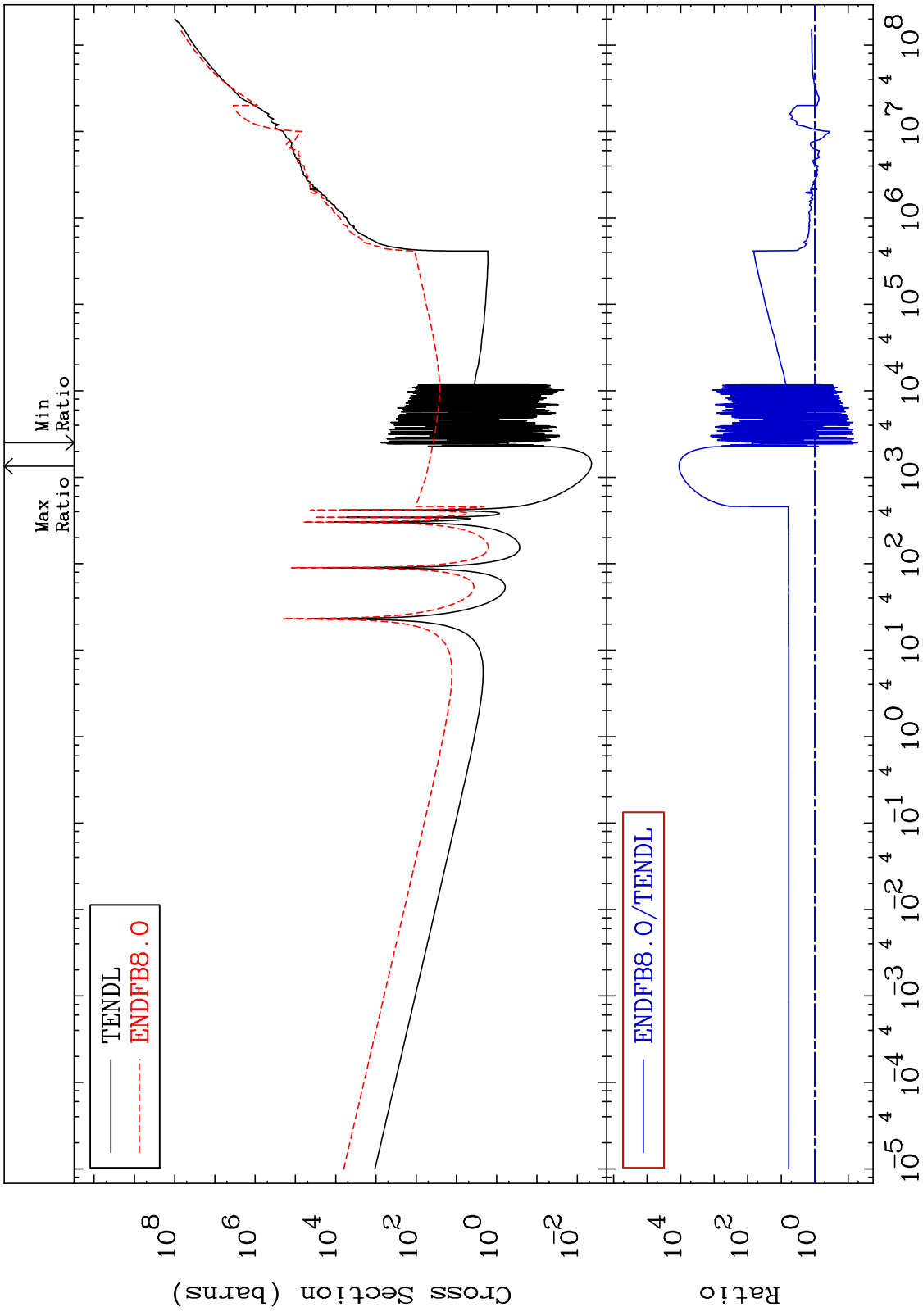
MAT 8031

Kerma elastic
Cross Section

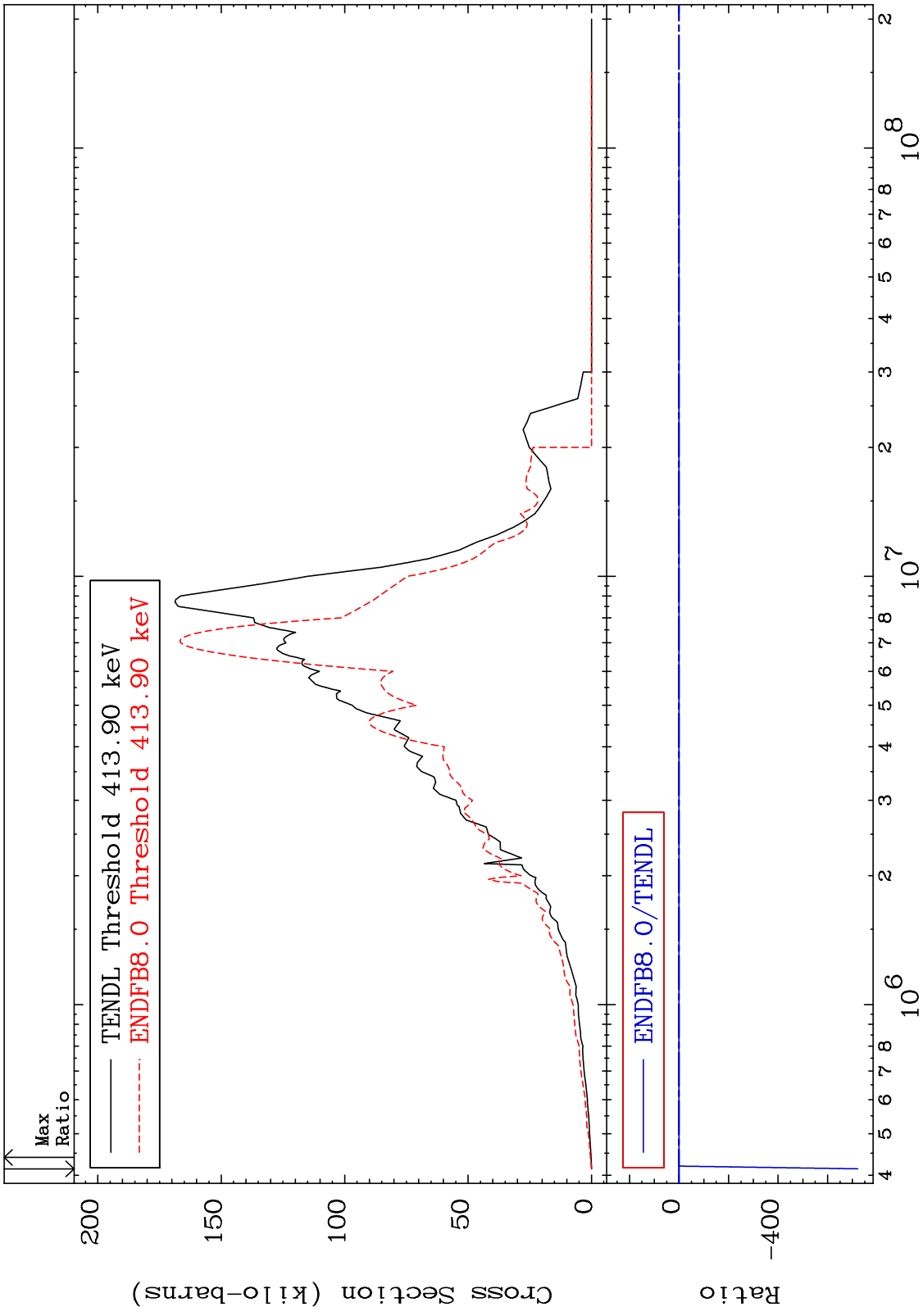
80-Hg-198
-96.63 To 9999. %



MAT 8031 Kerma non-elastic (all but mt.2) 80-Hg-198
 Cross Section -94.84 To 9999. %



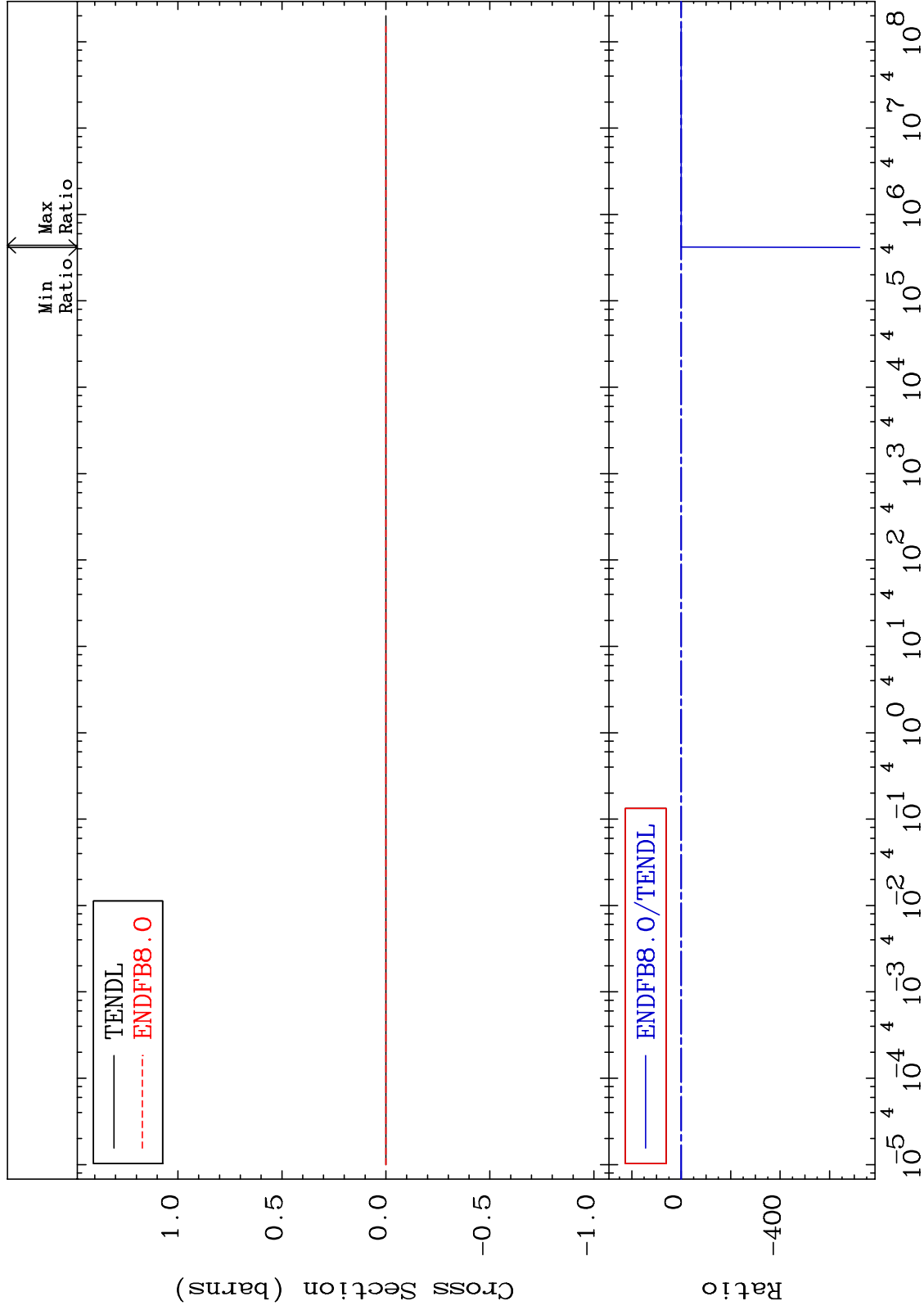
MAT 8031 Kerma inelastic (mt51-91) 80-Hg-198
Cross Section -9999. To 132.8 %



MAT 8031

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

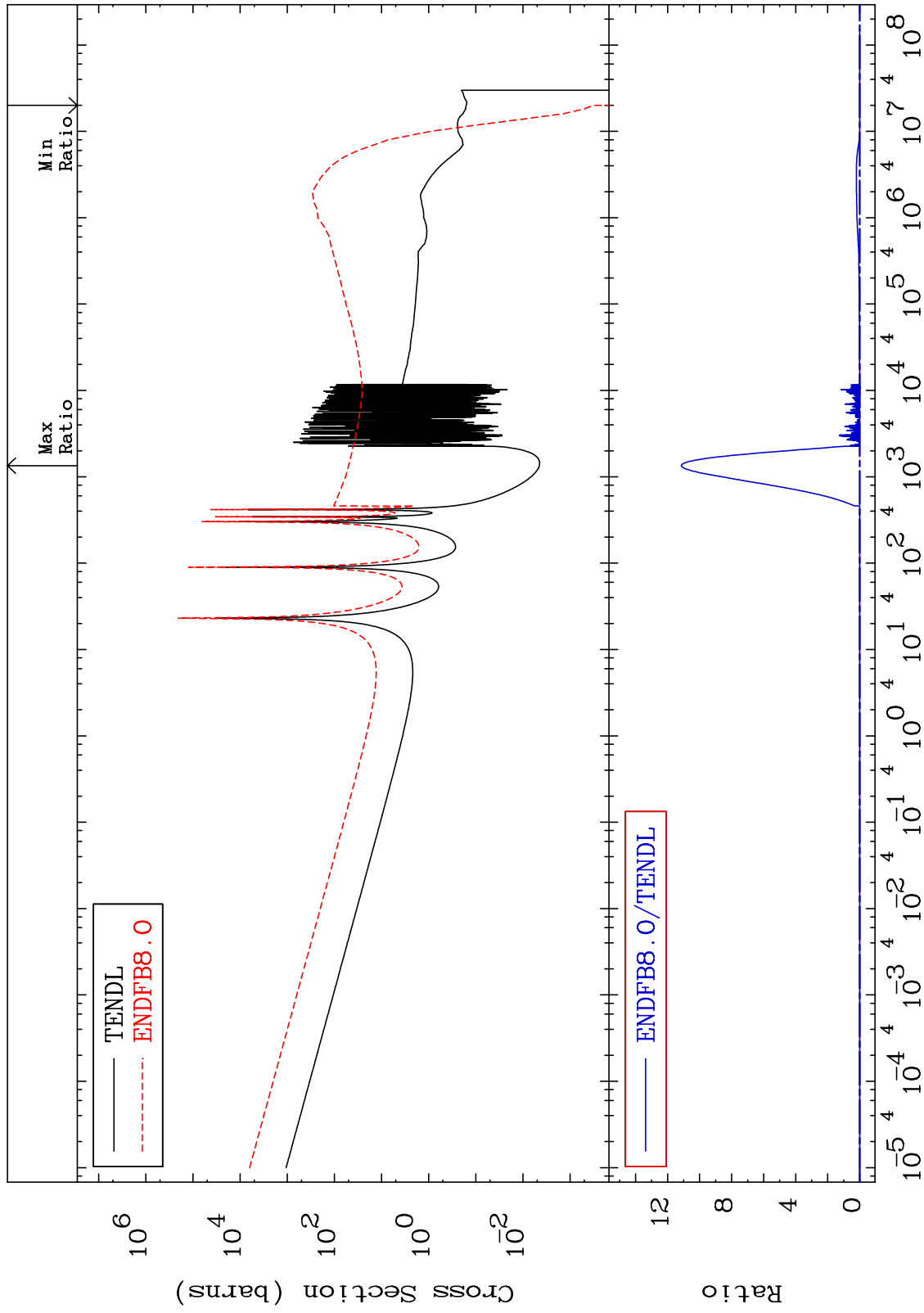
80-Hg-198
-9999. To 132.8 %



MAT 8031

Kerma capture (mt102)
Cross Section

80-Hg-198
-100.0 To 9999. %



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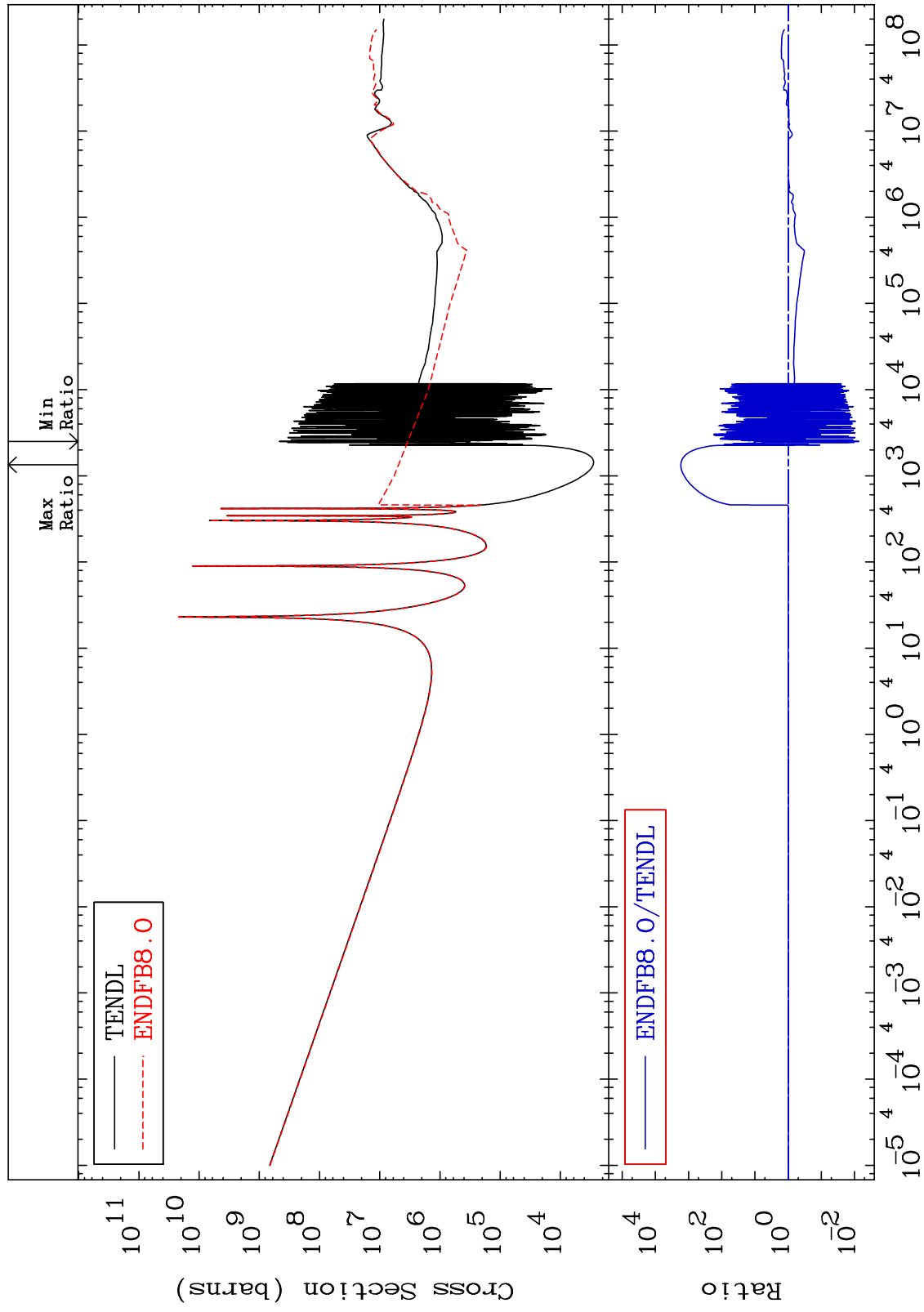
Incident Energy (eV)

80-Hg-198

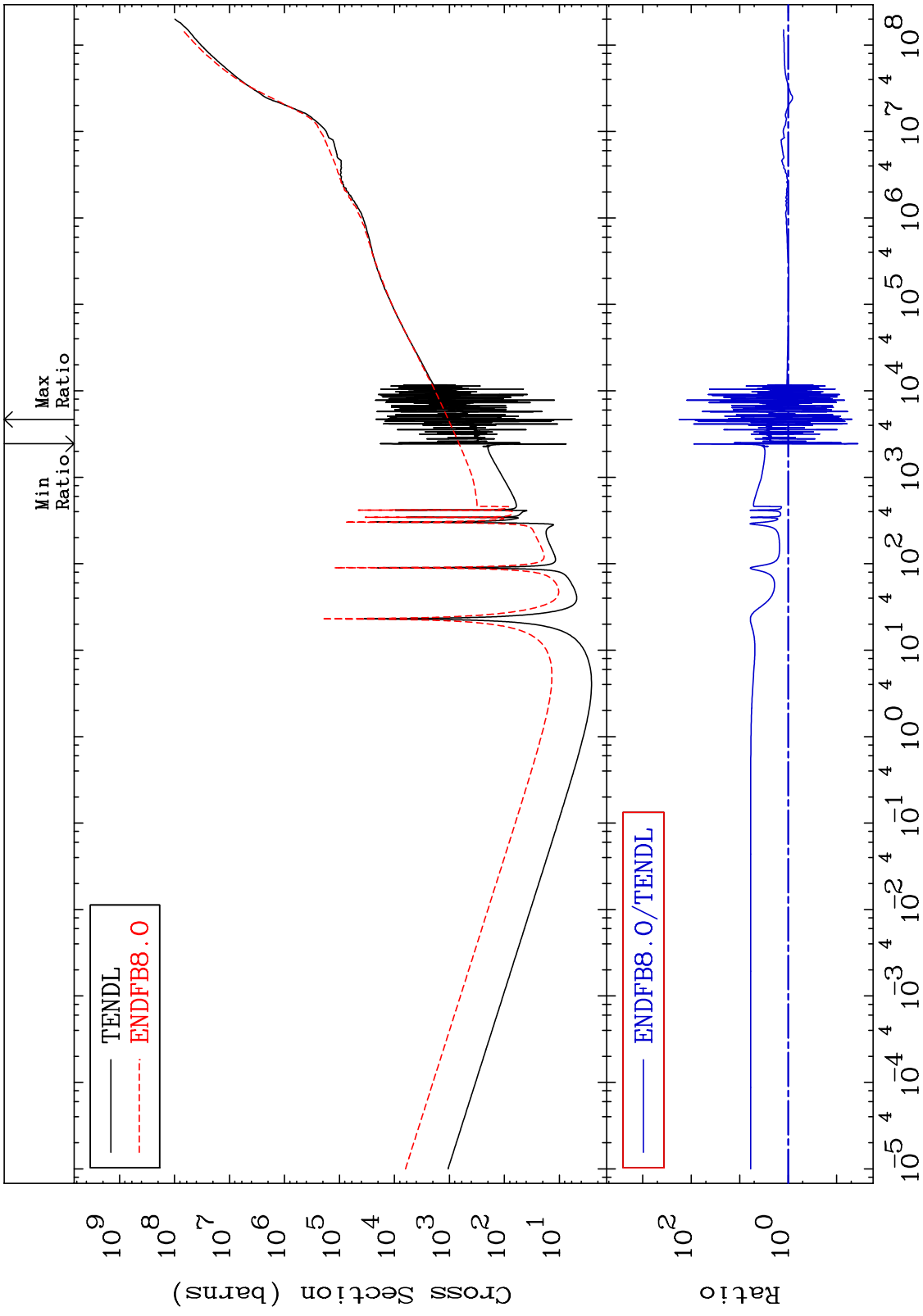
MAT 8031

Total photon (eV-barns)
Cross Section

80-Hg-198
-99.27 To 9999. %



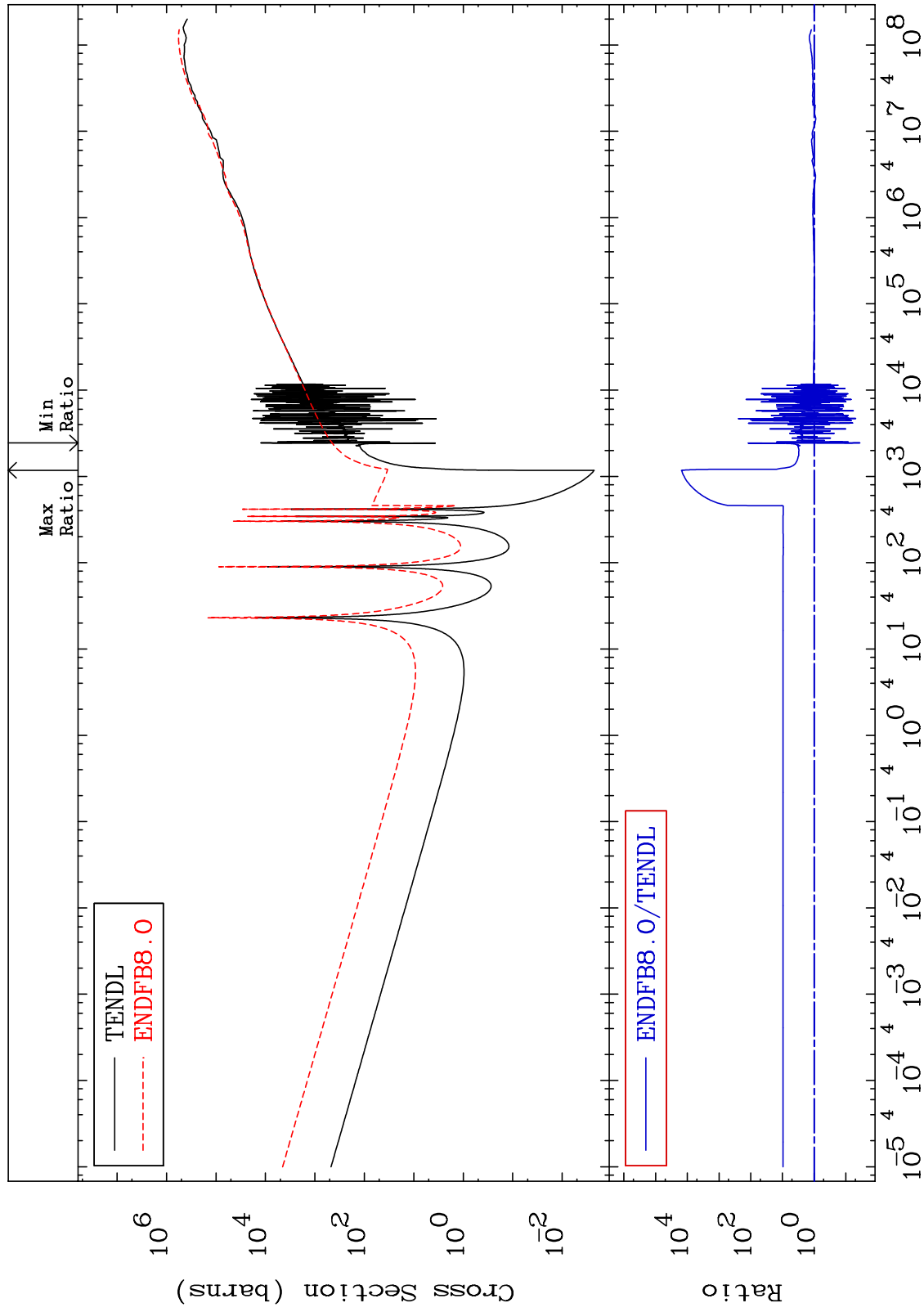
MAT 8031 Total kinematic kerma (high limit) 80-Hg-198
 Cross Section -96.34 To 9999. %



MAT 8031

Dpa total (eV-barns)
Cross Section

80-Hg-198
-96.38 To 9999. %



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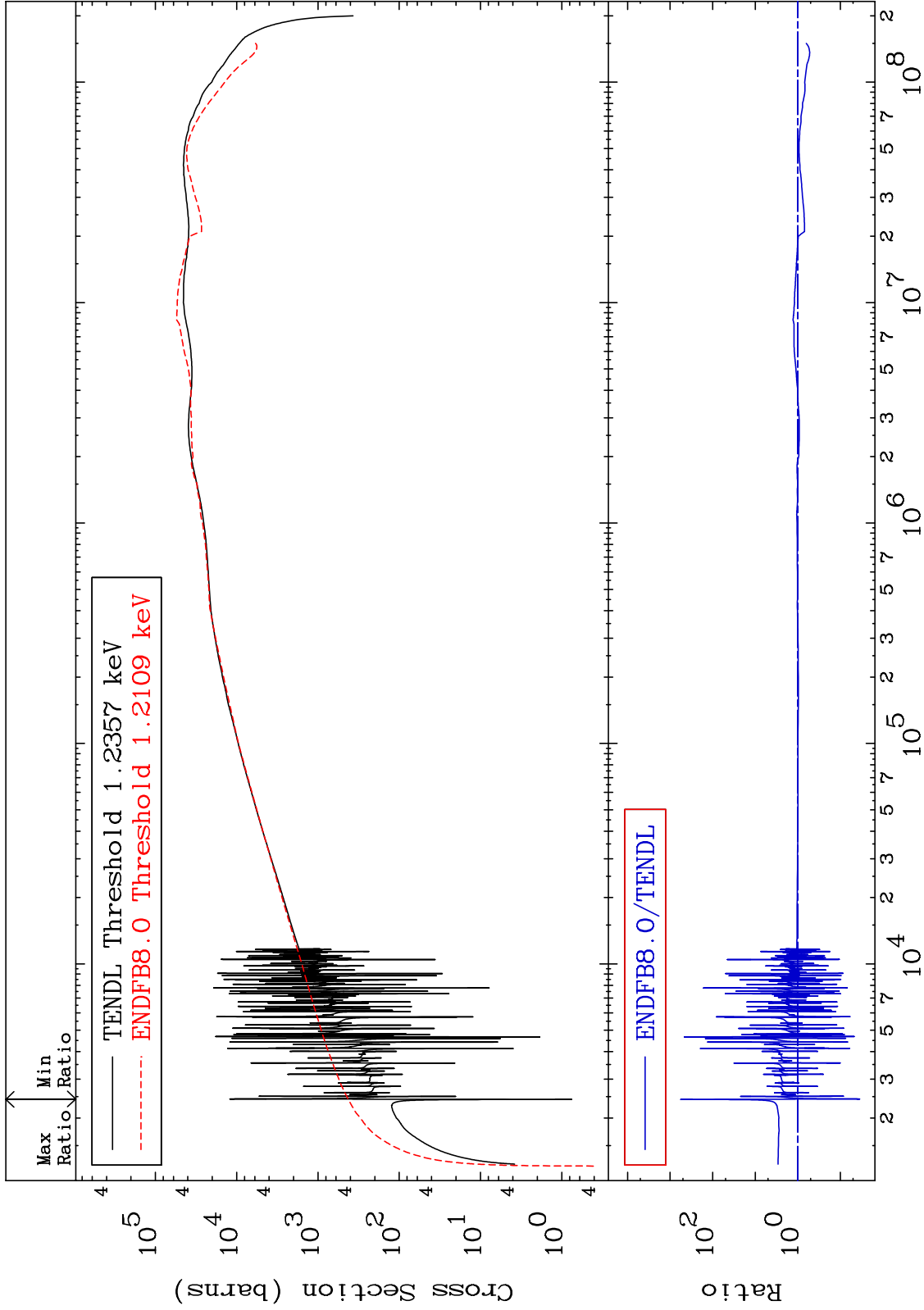
Incident Energy (eV)

80-Hg-198

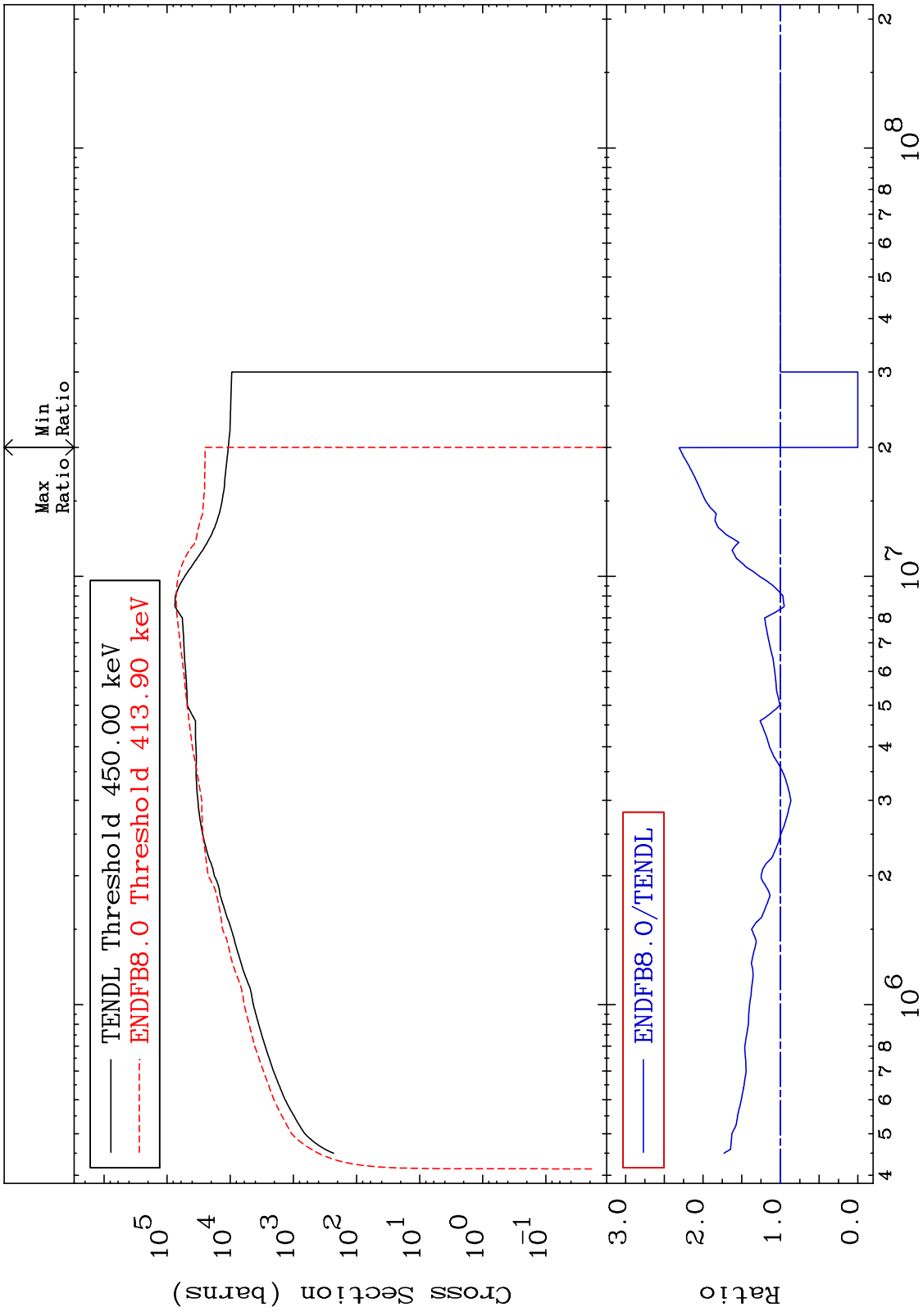
MAT 8031

Dpa elastic (mt2)
Cross Section

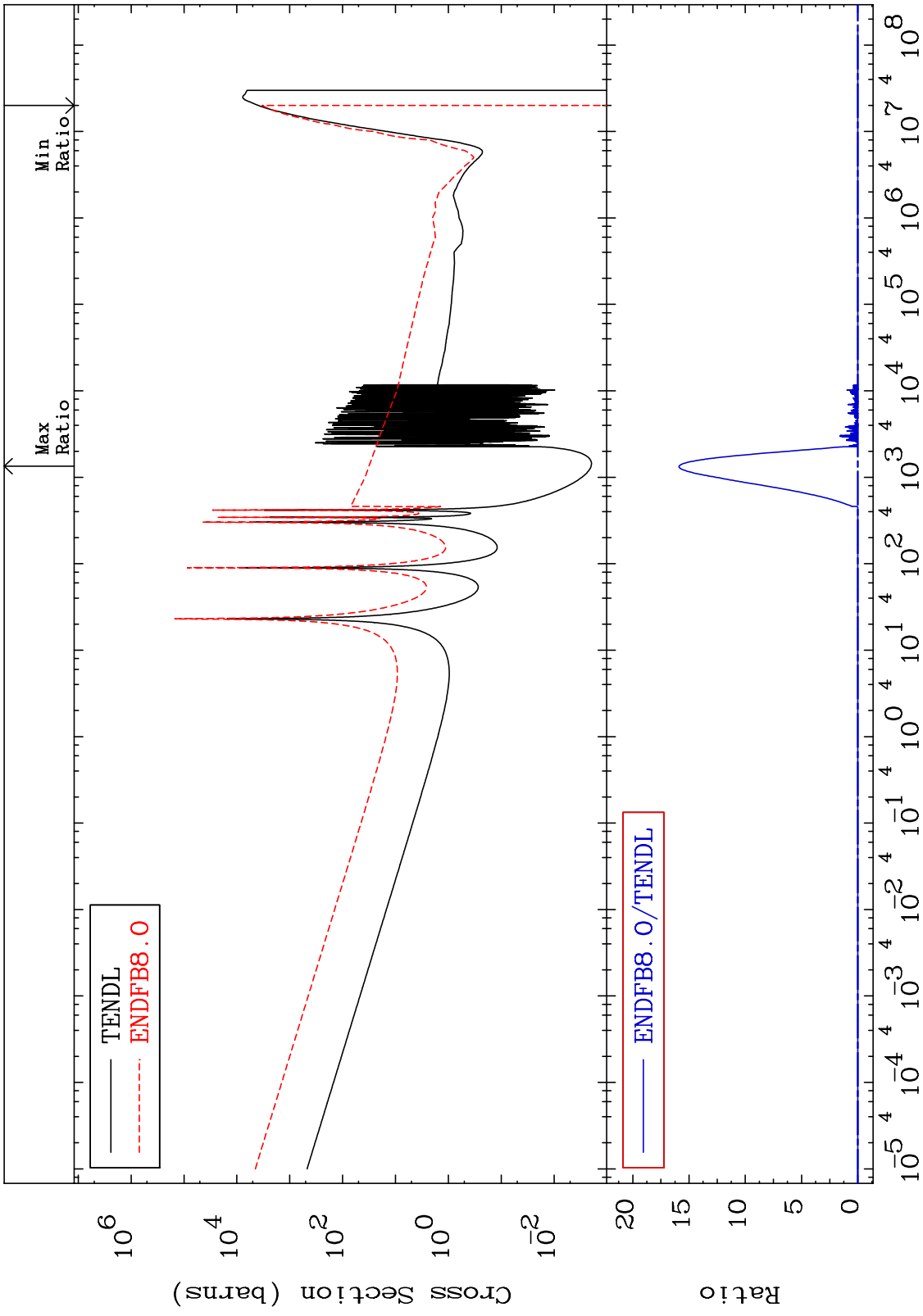
80-Hg-198
-96.49 To 9999. %



MAT 8031 Dpa inelastic (mt51-91) 80-Hg-198
 Cross Section -100.0 To 130.9 %



MAT 8031 Dpa disappearance (mt102 -120) 80-Hg-198
 Cross Section -100.0 To 9999. %



48 Incident Energy (eV) 80-Hg-198