

Program Complot
(Version 2018-1)

by

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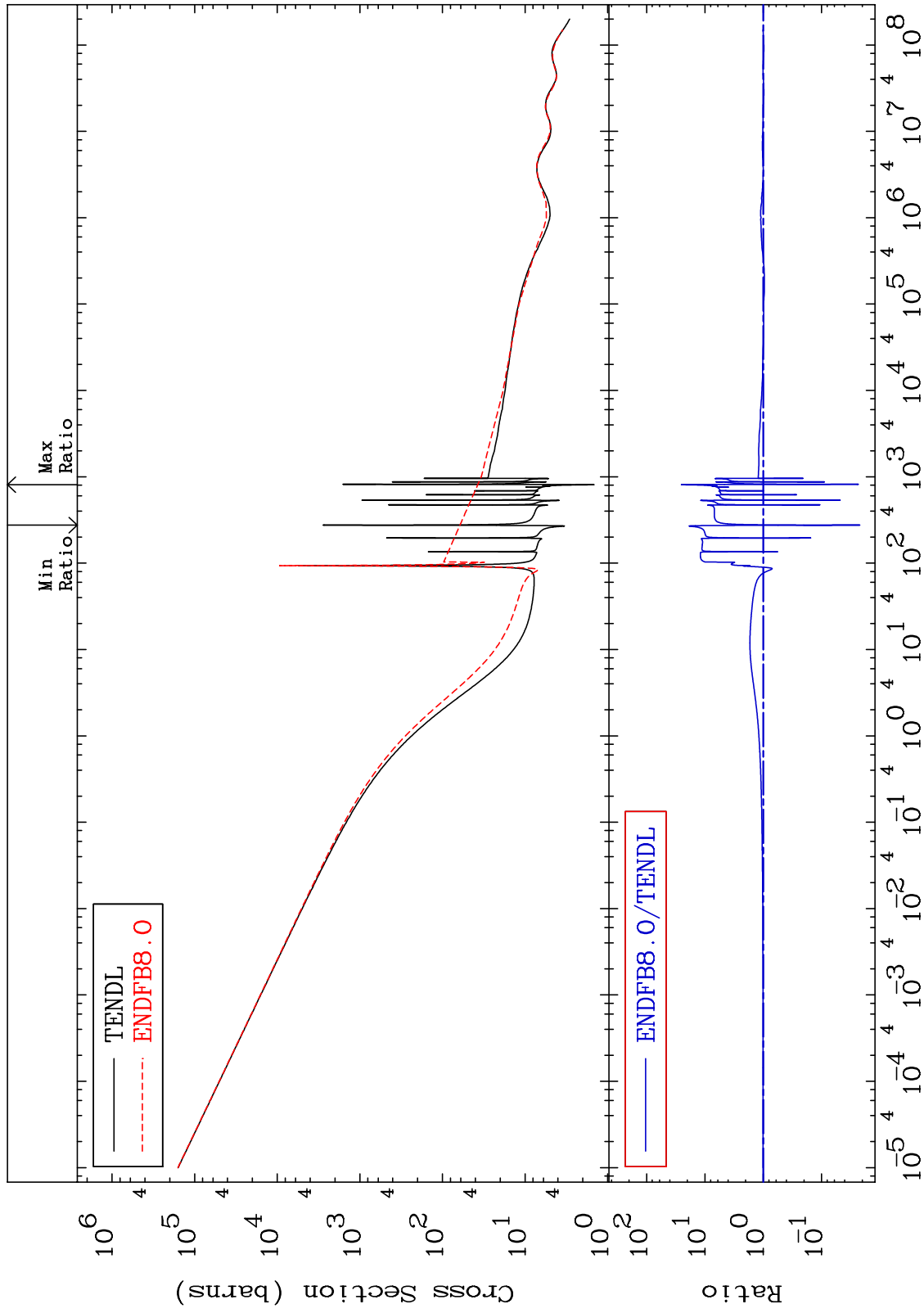
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8025

Total Cross Section

80-Hg-196
-97.79 To 2446. %

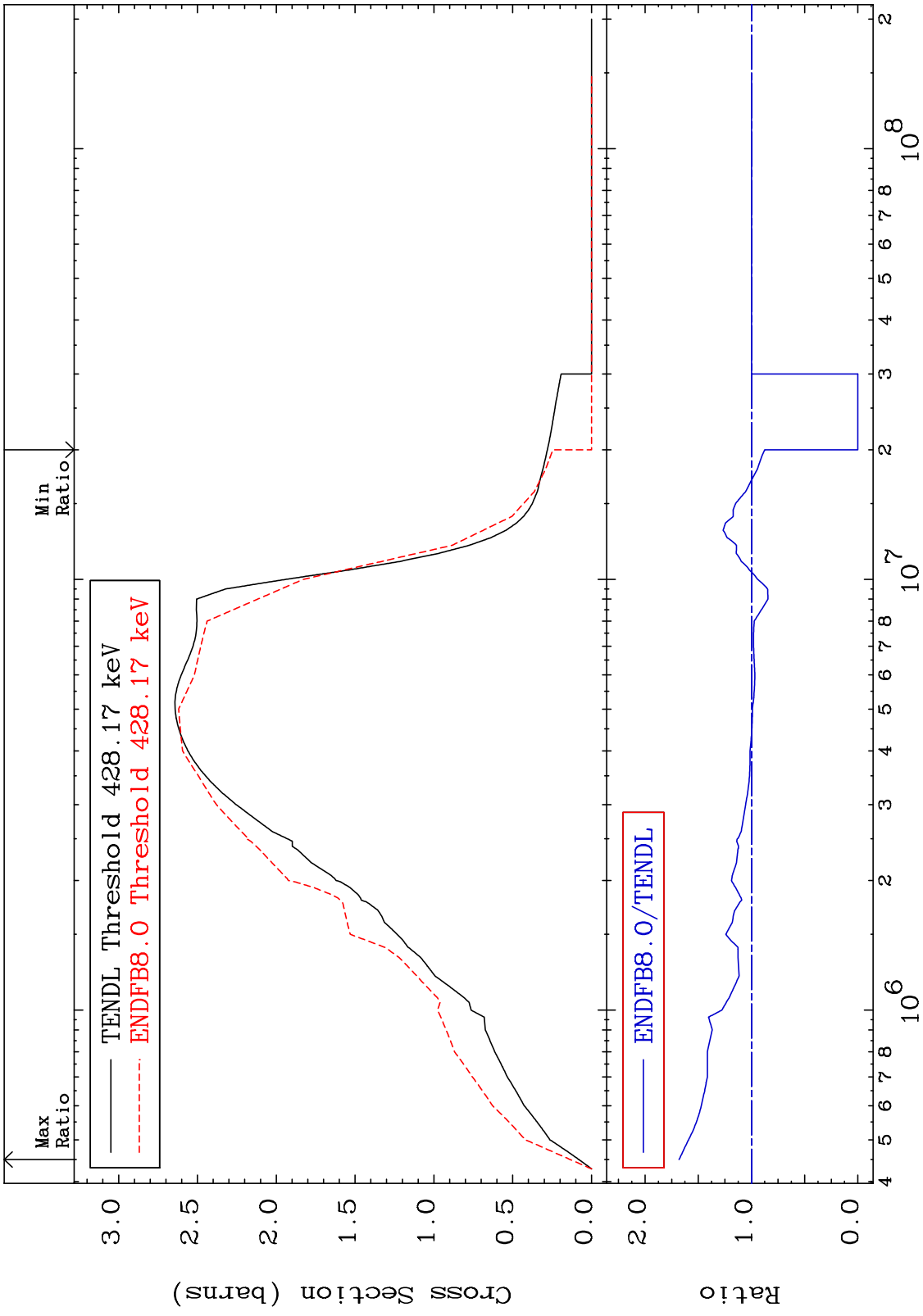


Incident Energy (eV)

80-Hg-196

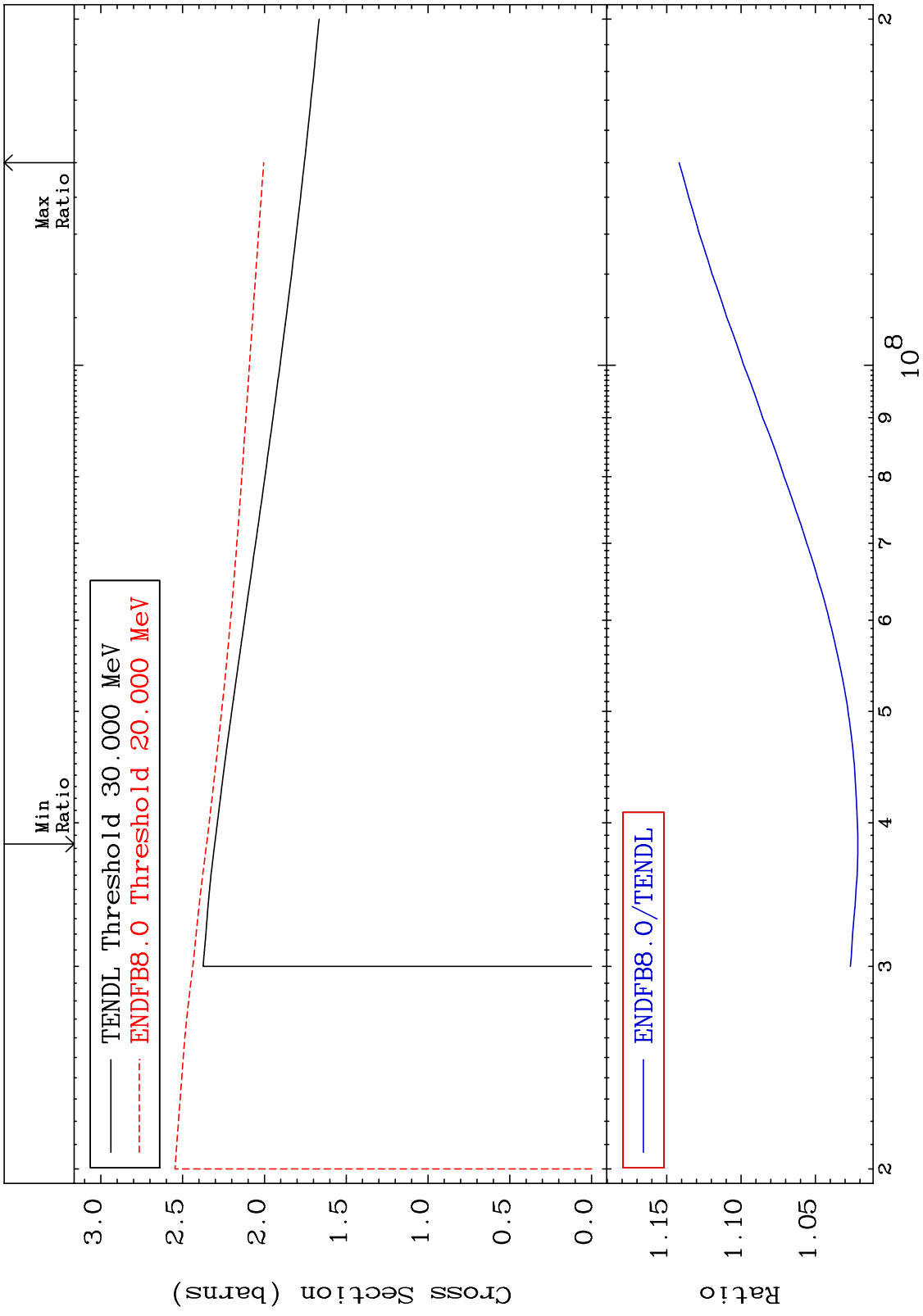
1

MAT 8025 Inelastic Cross Section 80-Hg-196 -100.0 To 68.09 %

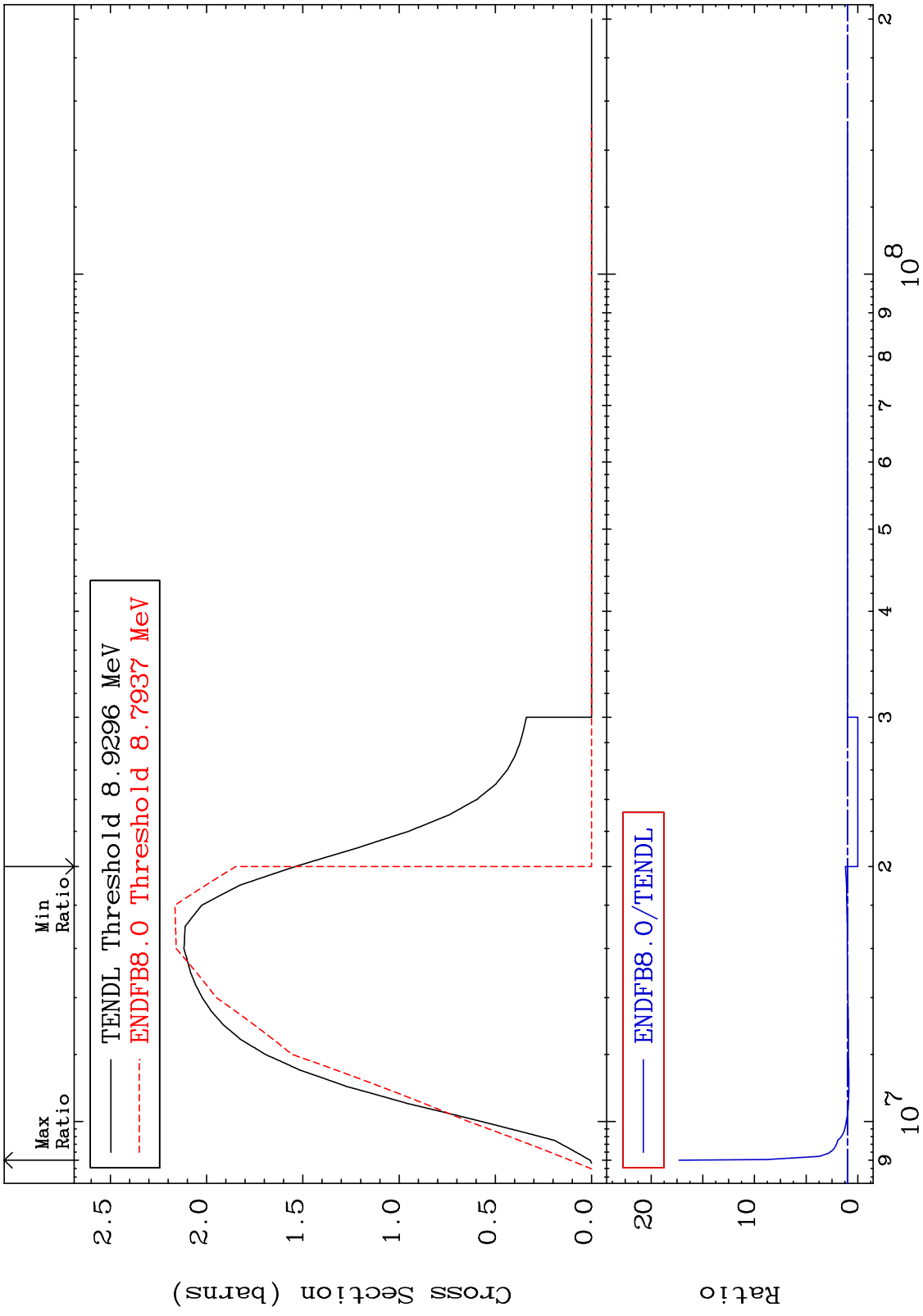


3 Incident Energy (eV) 80-Hg-196

MAT 8025 (n, remainder) Cross Section 80-Hg-196 To 14.17 %

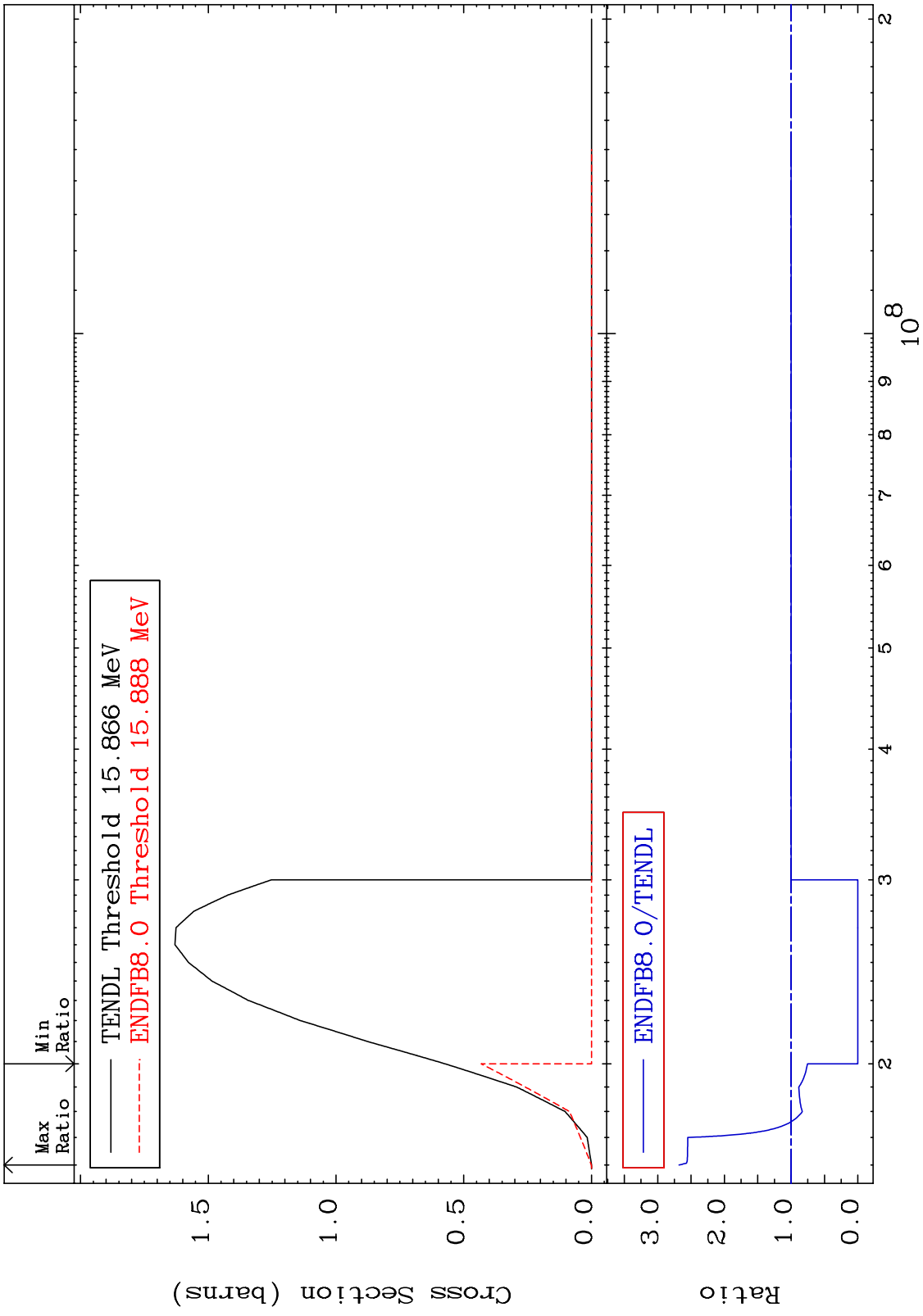


MAT 8025 (n,2n) Cross Section 80-Hg-196 -100.0 To 1630. %



80-Hg-196 Incident Energy (eV)

MAT 8025 (n,3n) Cross Section 80-Hg-196
 -100.0 To 168.0 %



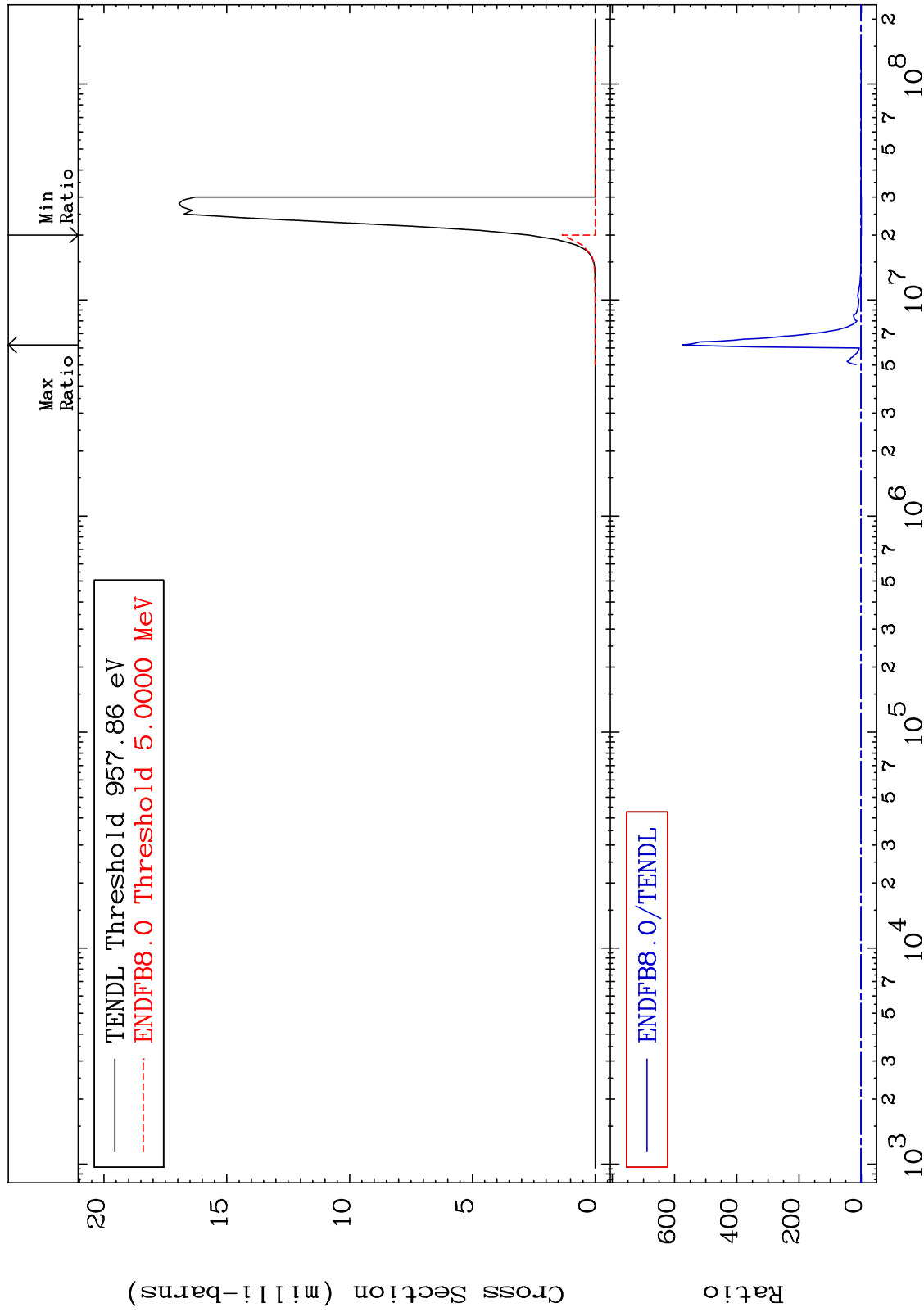
MAT 8025

(n,n') α

80-Hg-196

Cross Section

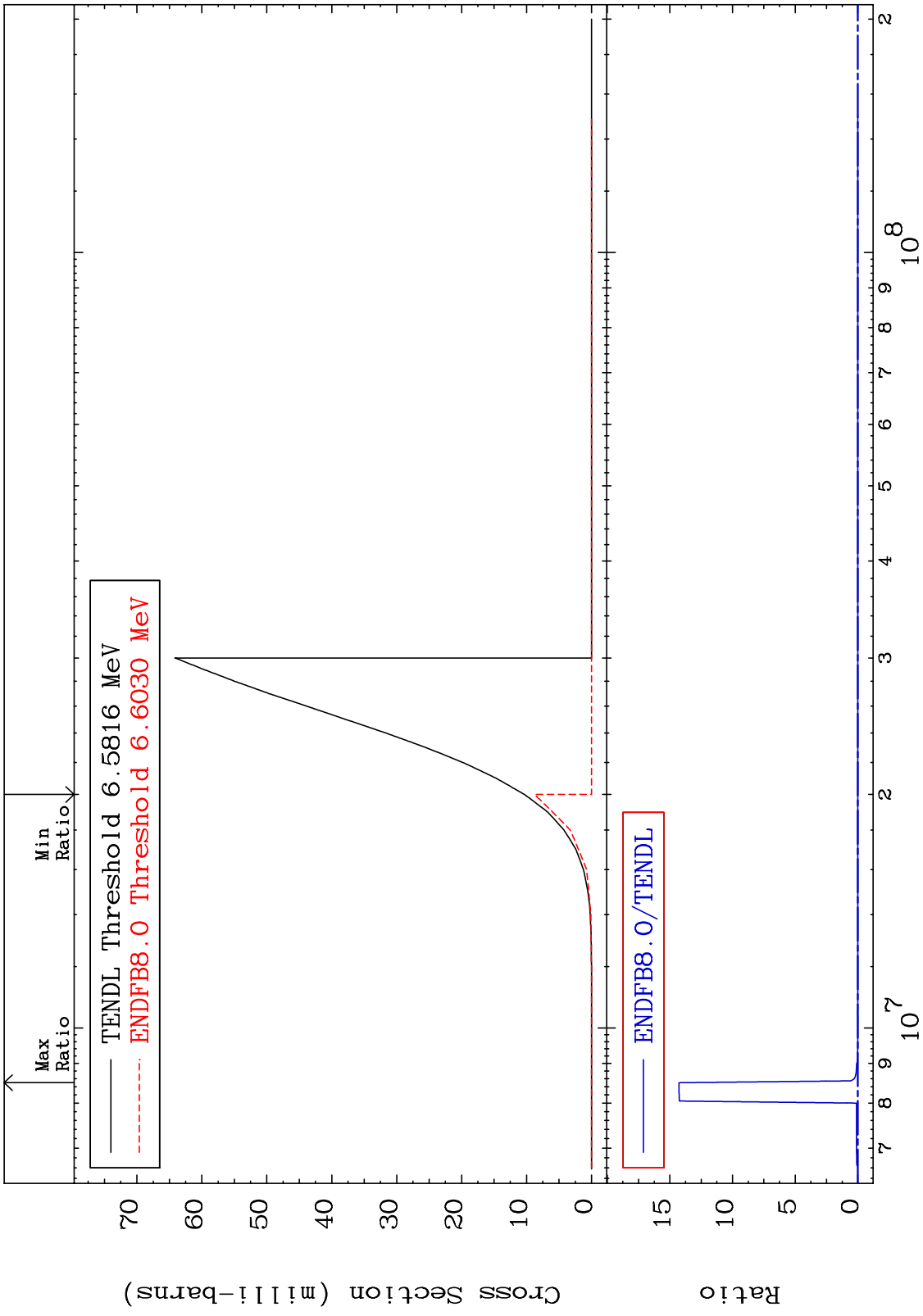
-100.0 To 9999. %



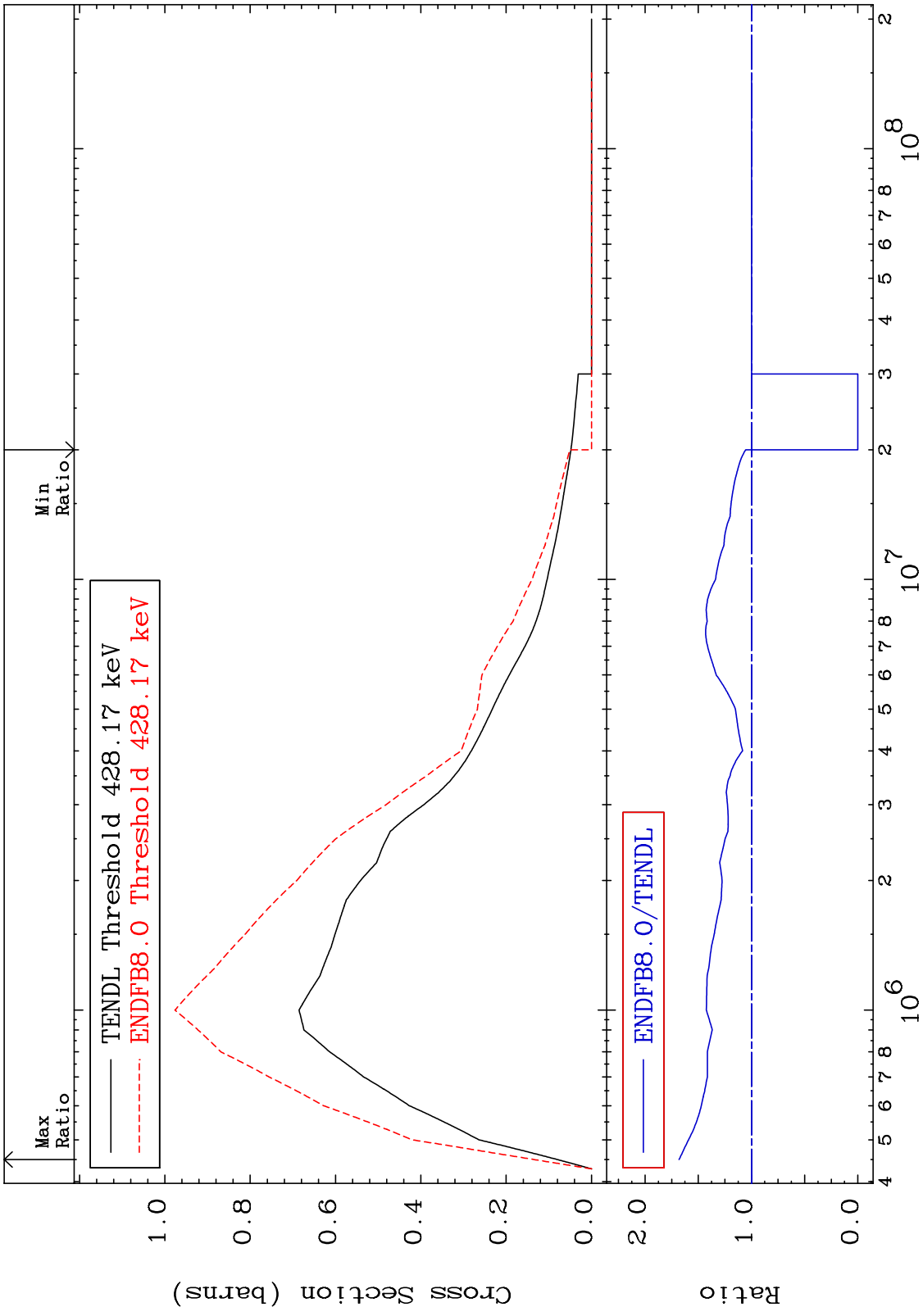
Incident Energy (eV)

80-Hg-196

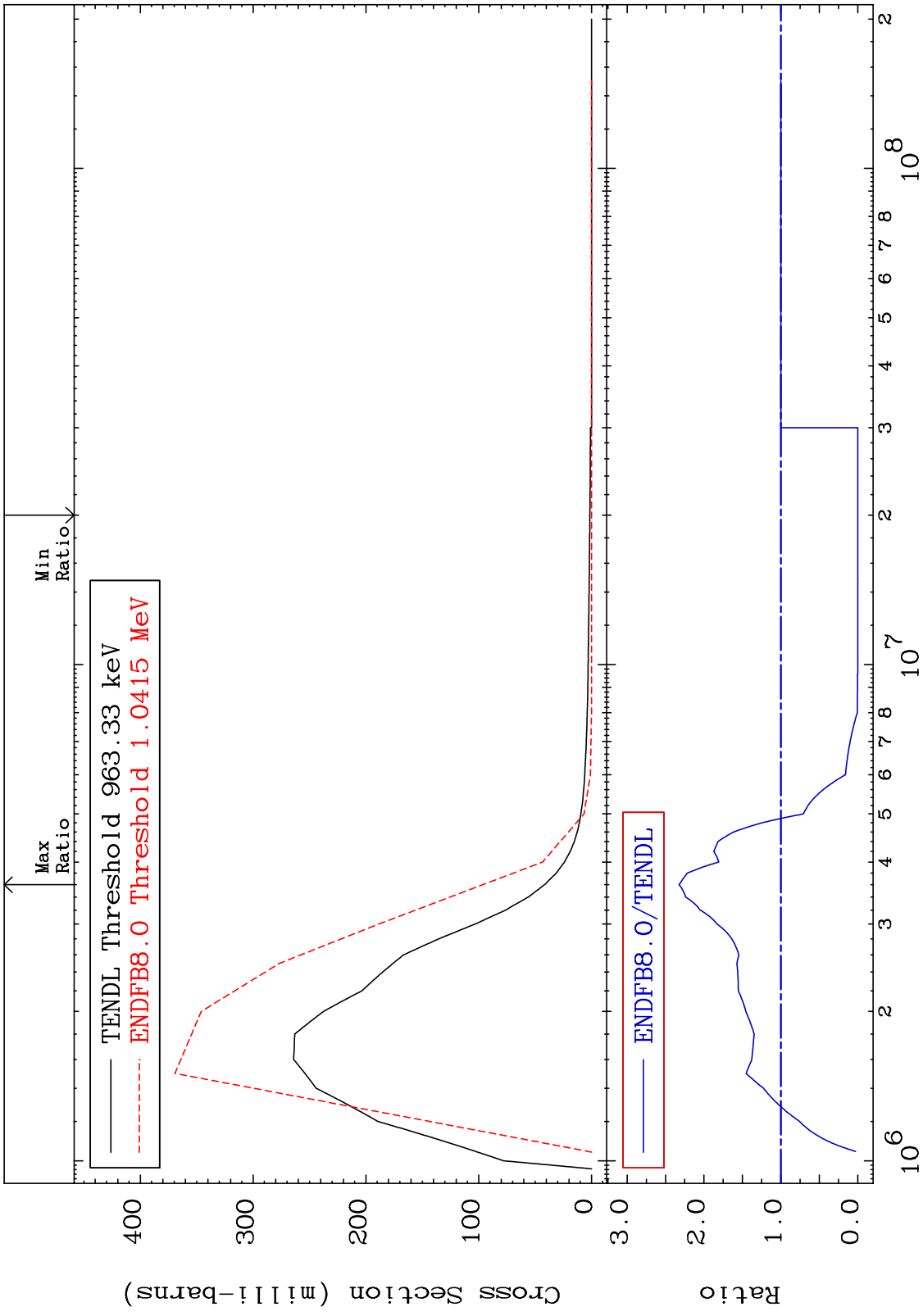
MAT 8025 (n,n') p 80-Hg-196
 Cross Section -100.0 To 9999. %



MAT 8025 MT= 51 (n,n') Level Cross Section -100.0 To 68.09 % 80-Hg-196

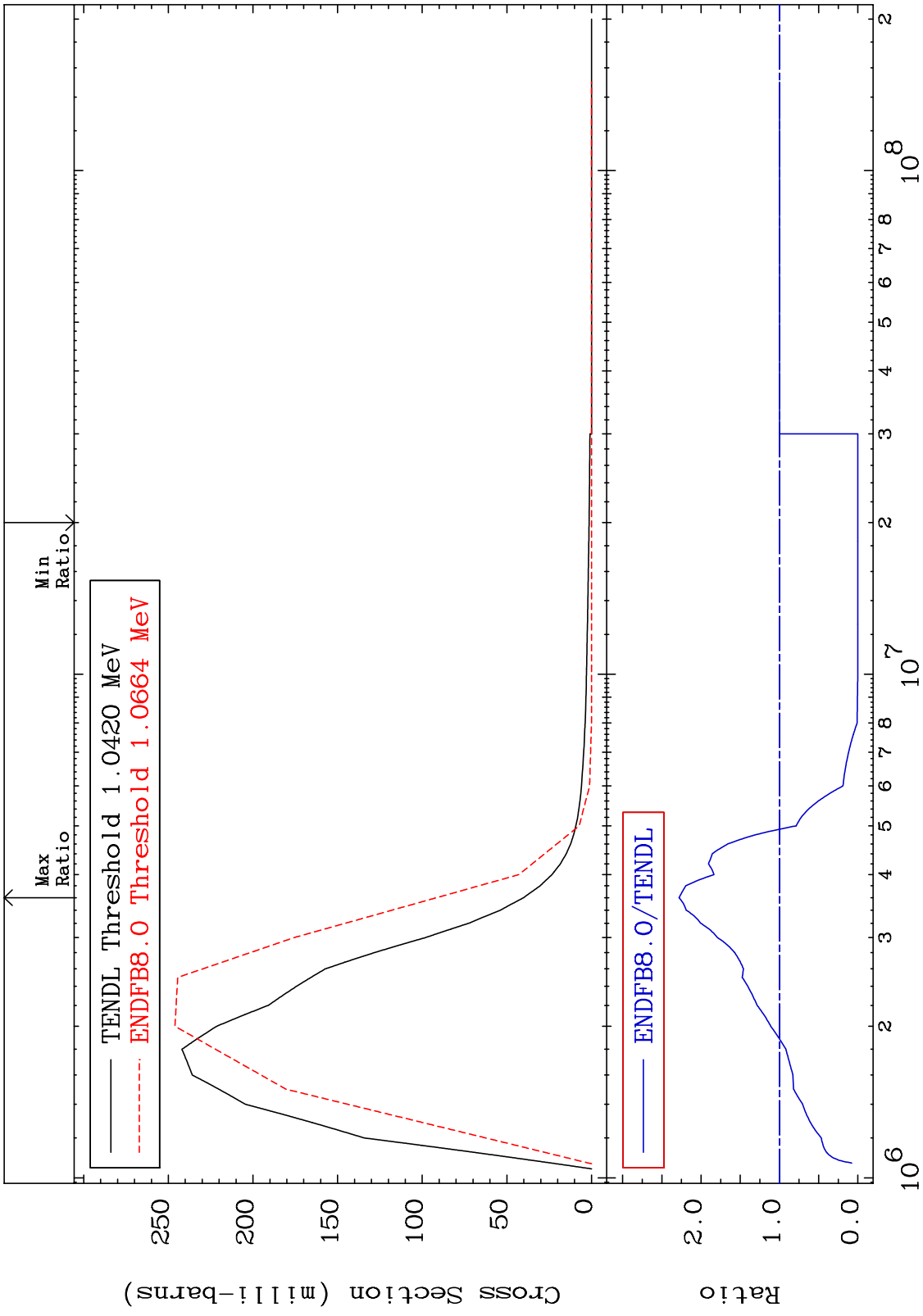


MAT 8025 MT= 52 (n,n') Level Cross Section -100.0 To 132.4 % 80-Hg-196



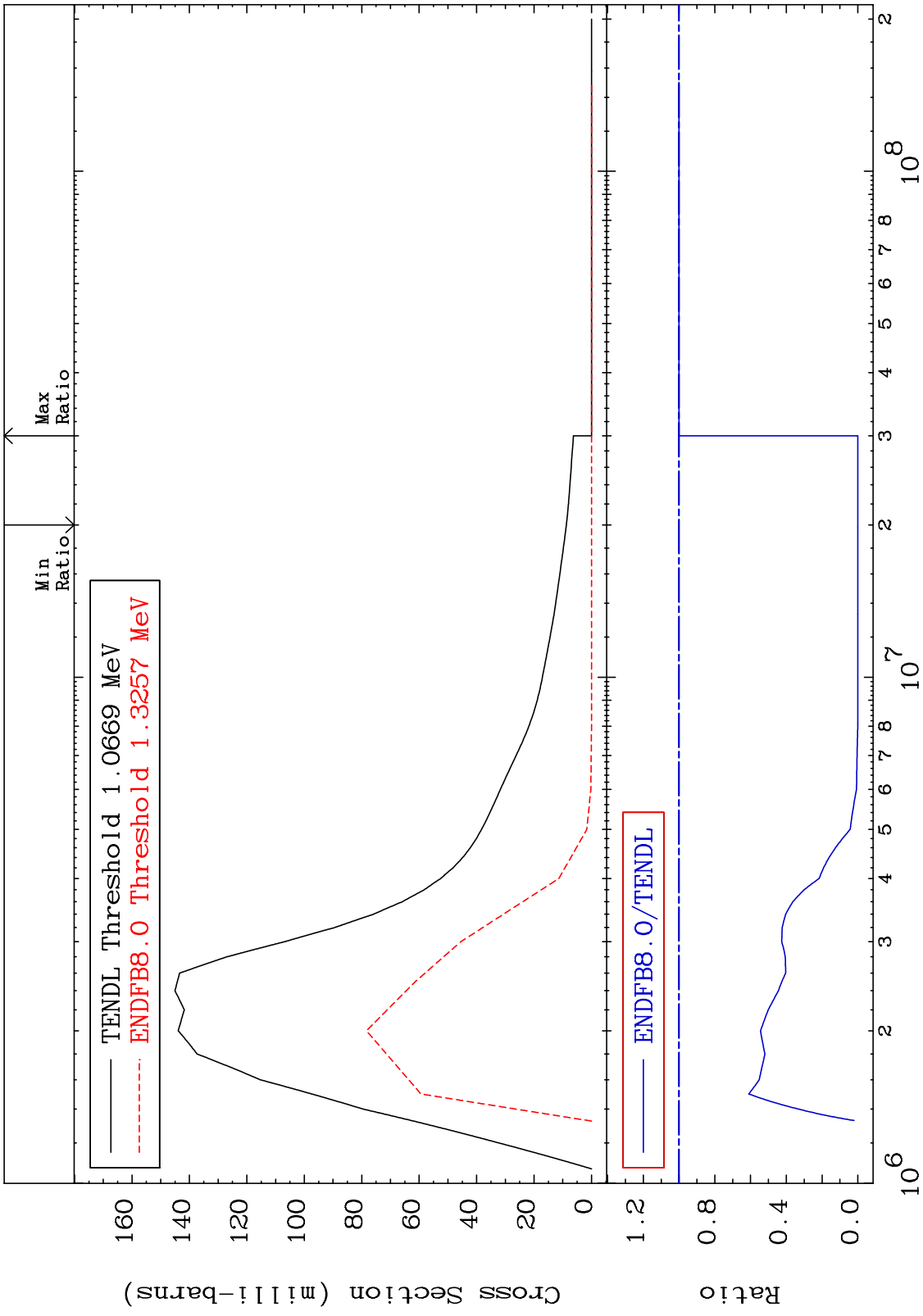
Incident Energy (eV) 80-Hg-196

MAT 8025 MT= 53 (n,n') Level Cross Section -100.0 To 128.1 % 80-Hg-196



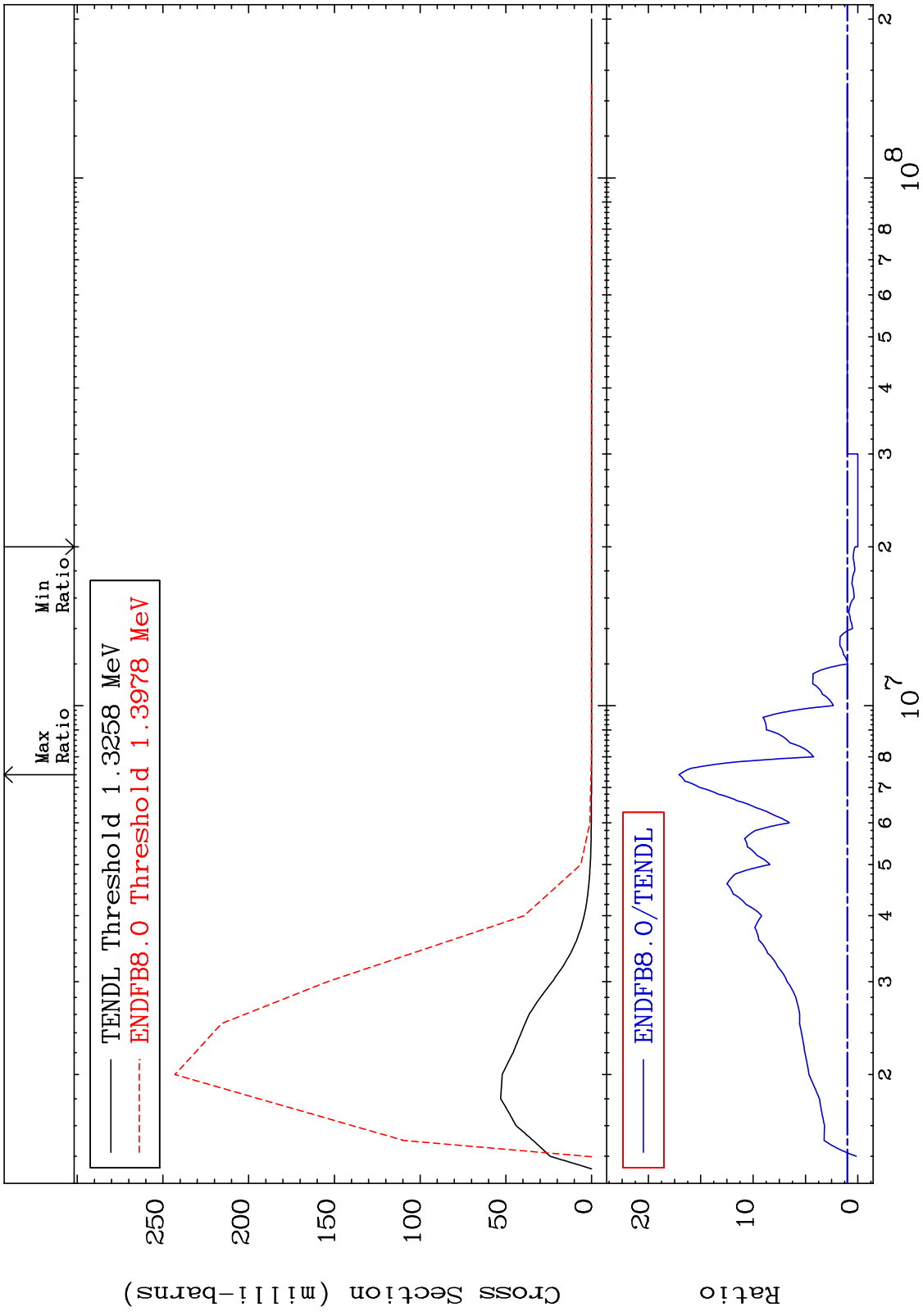
11 Incident Energy (eV) 80-Hg-196

MAT 8025 MT= 54 (n,n') Level Cross Section 80-Hg-196
 -100.0 To 0.000 %

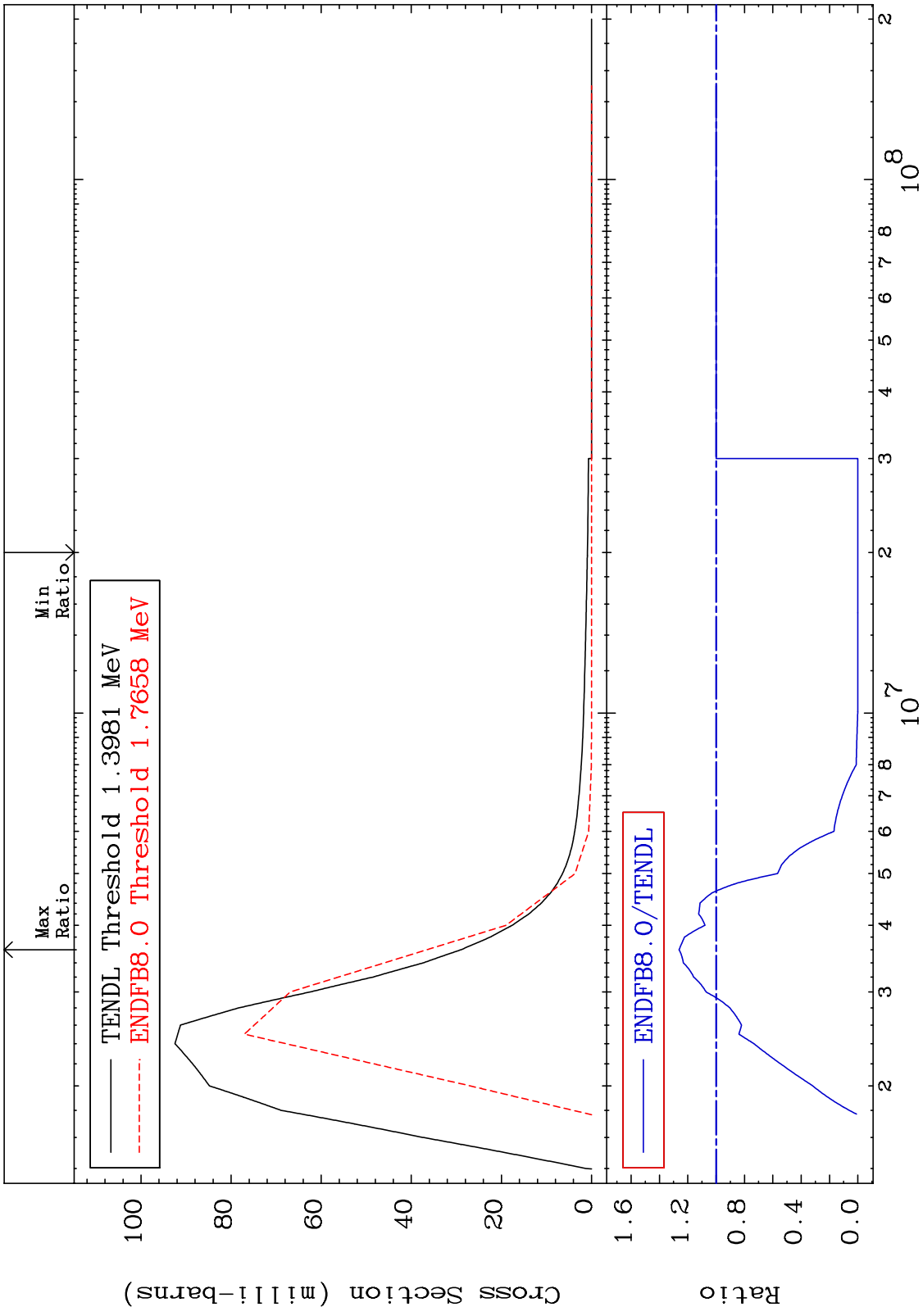


12 Incident Energy (eV) 80-Hg-196

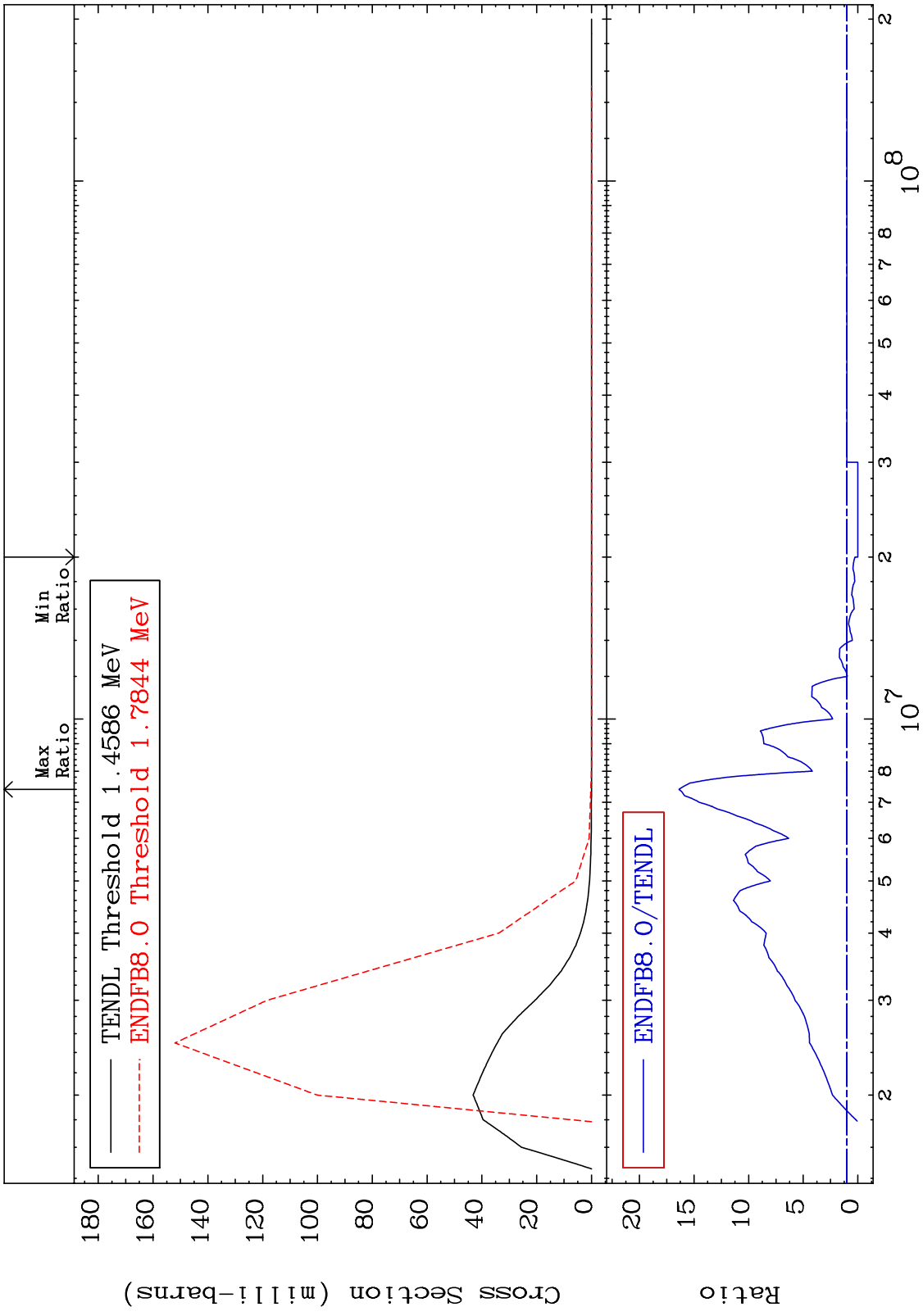
MAT 8025 MT= 55 (n,n') Level Cross Section -100.0 To 1607. % 80-Hg-196



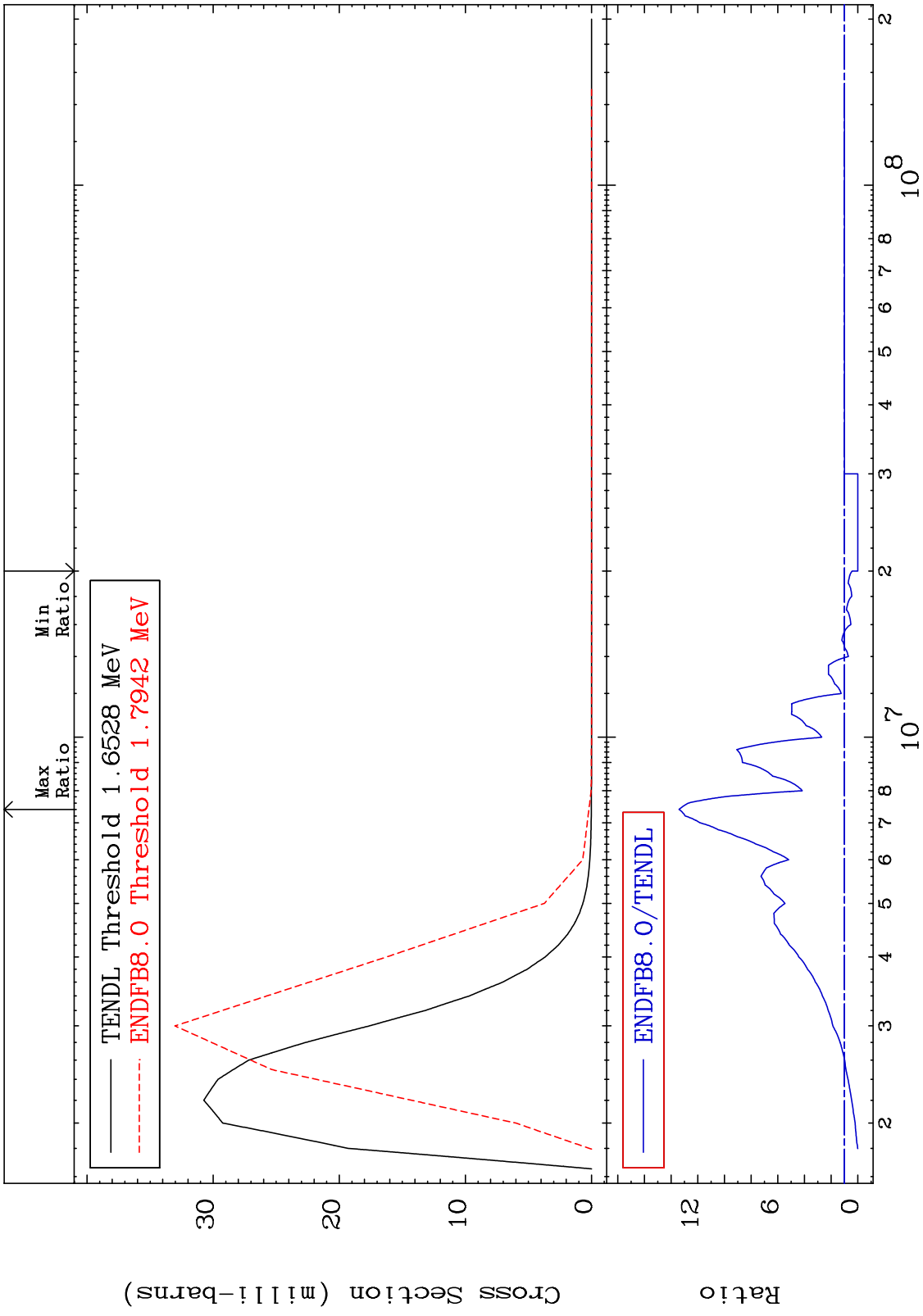
MAT 8025 MT= 56 (n,n') Level Cross Section -100.0 To 26.17 % 80-Hg-196



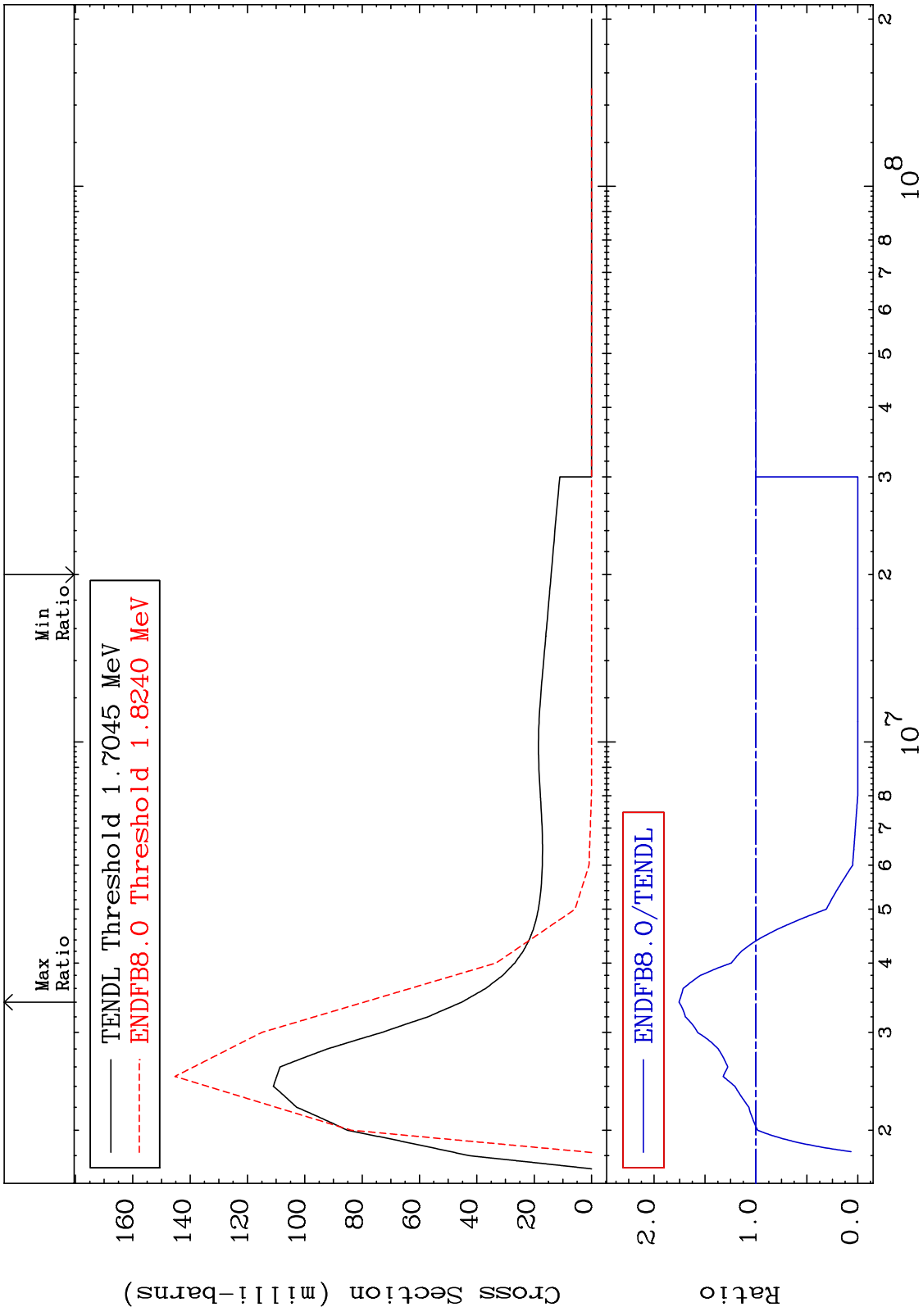
MAT 8025 MT= 57 (n,n') Level Cross Section 80-Hg-196
 -100.0 To 1537. %



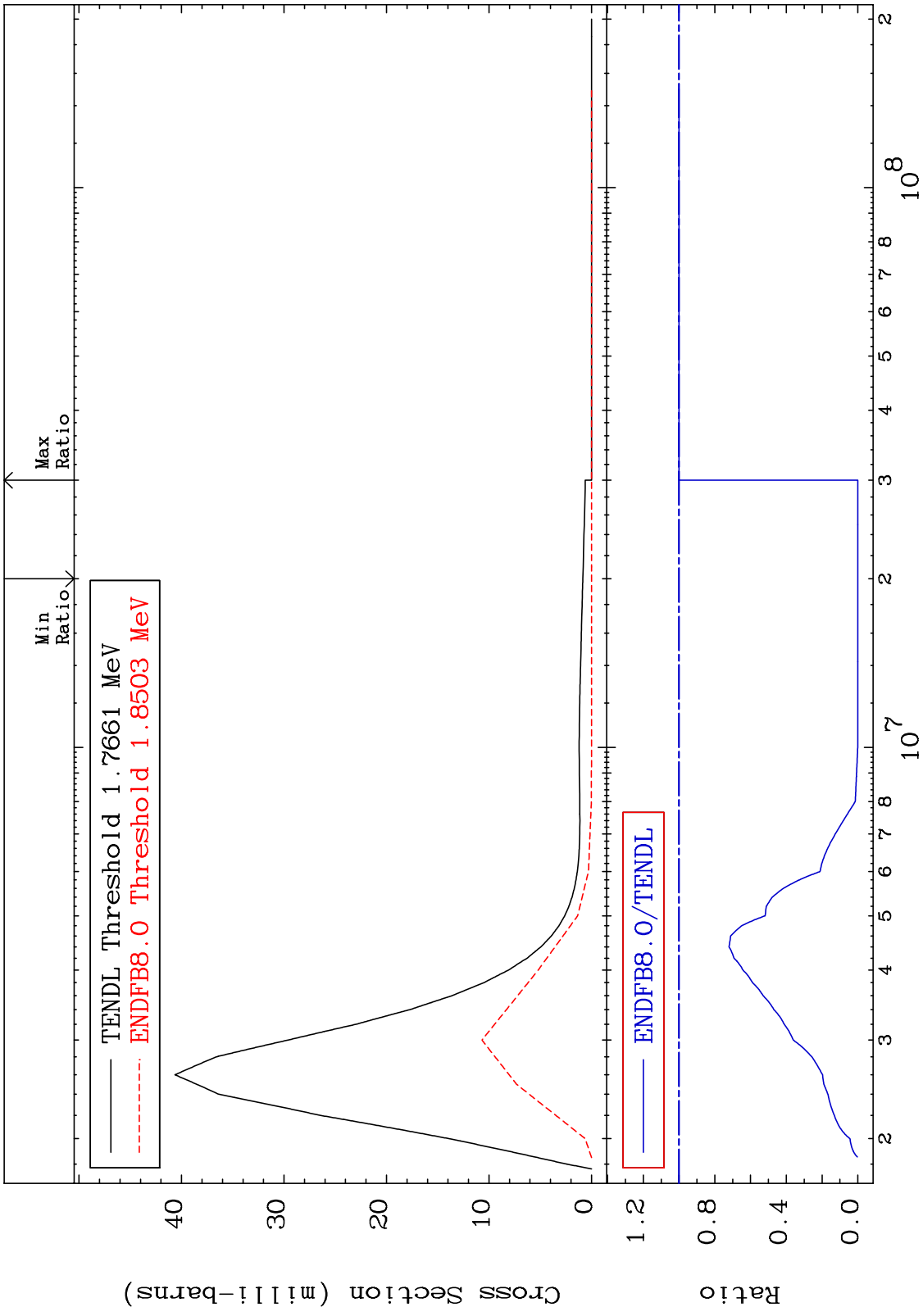
MAT 8025 MT= 58 (n,n') Level Cross Section -100.0 To 1241. % 80-Hg-196



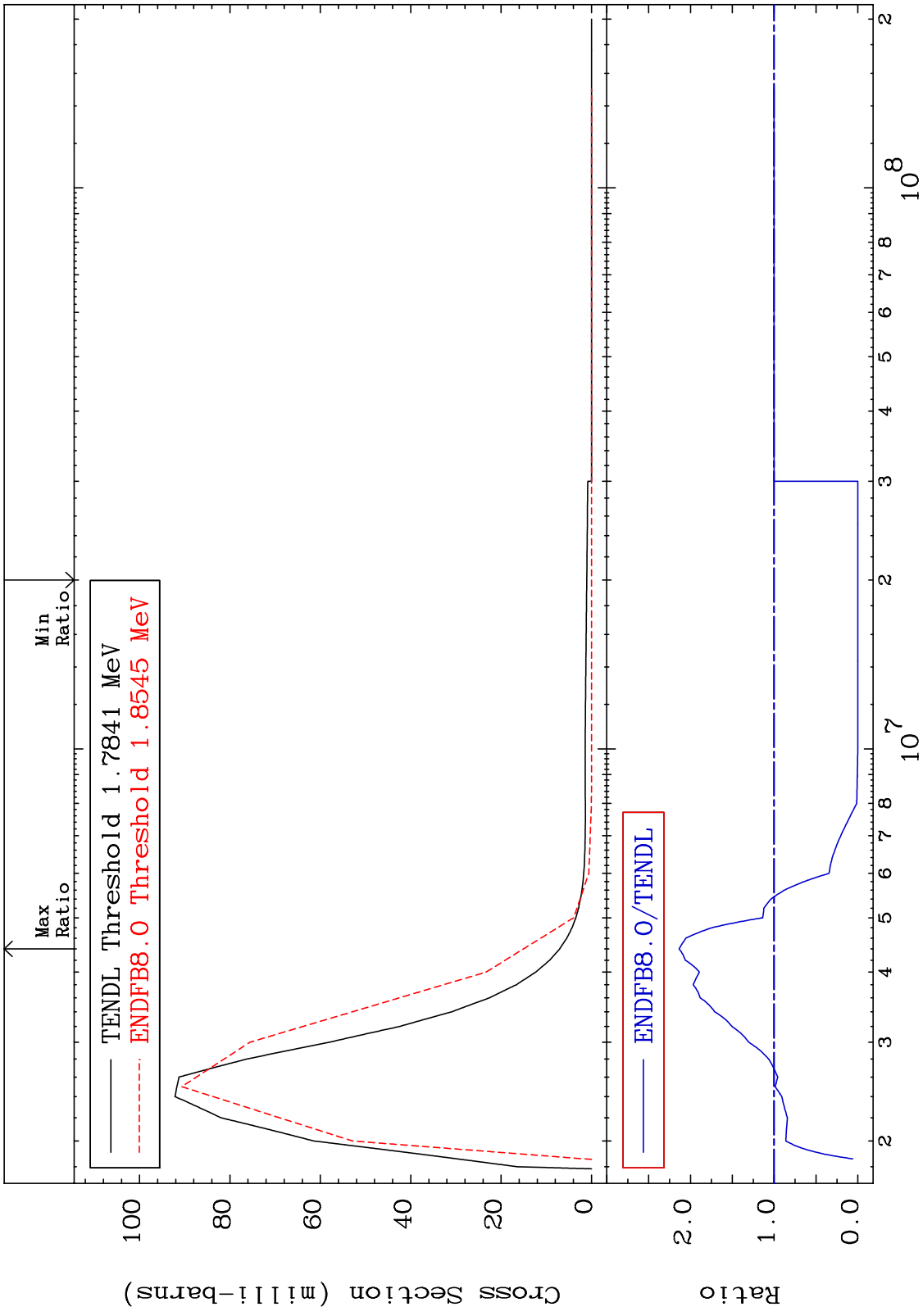
MAT 8025 MT= 59 (n,n') Level Cross Section -100.0 To 75.56 % 80-Hg-196



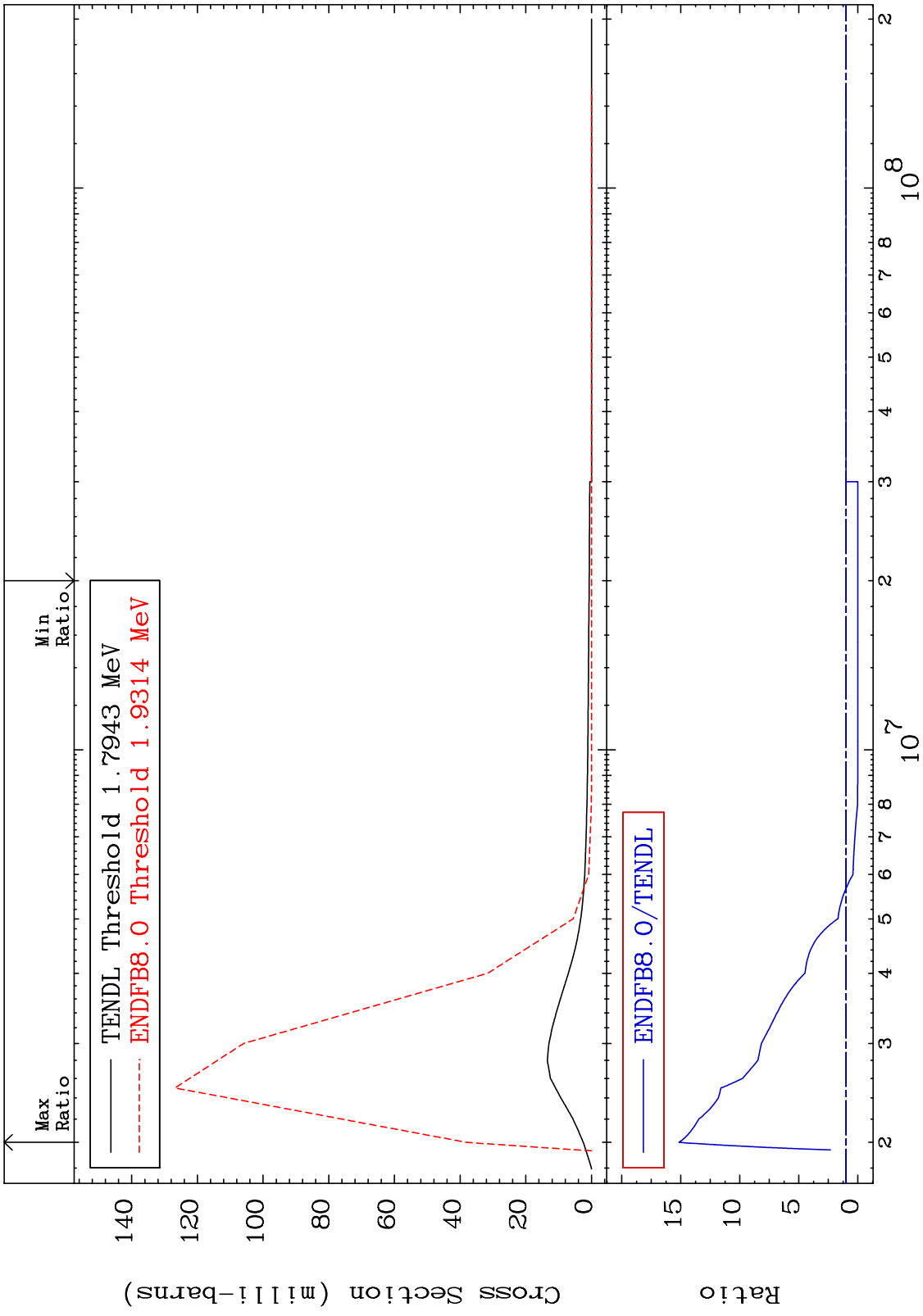
MAT 8025 MT= 60 (n,n') Level Cross Section 80-Hg-196
 -100.0 To 0.000 %



MAT 8025 MT= 61 (n,n') Level Cross Section 80-Hg-196
 -100.0 To 113.7 %

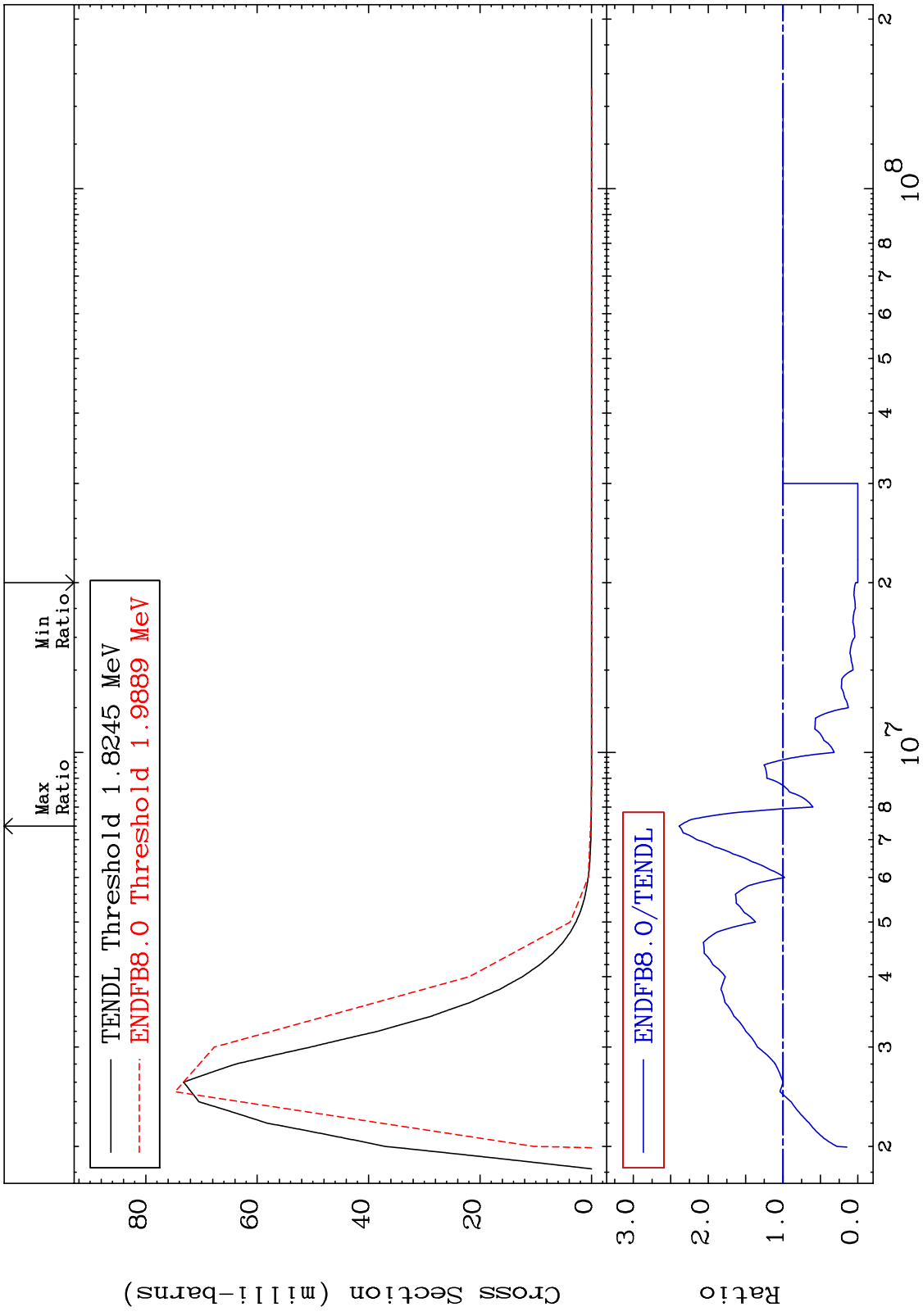


MAT 8025 MT= 62 (n,n') Level Cross Section 80-Hg-196 -100.0 To 1415. %

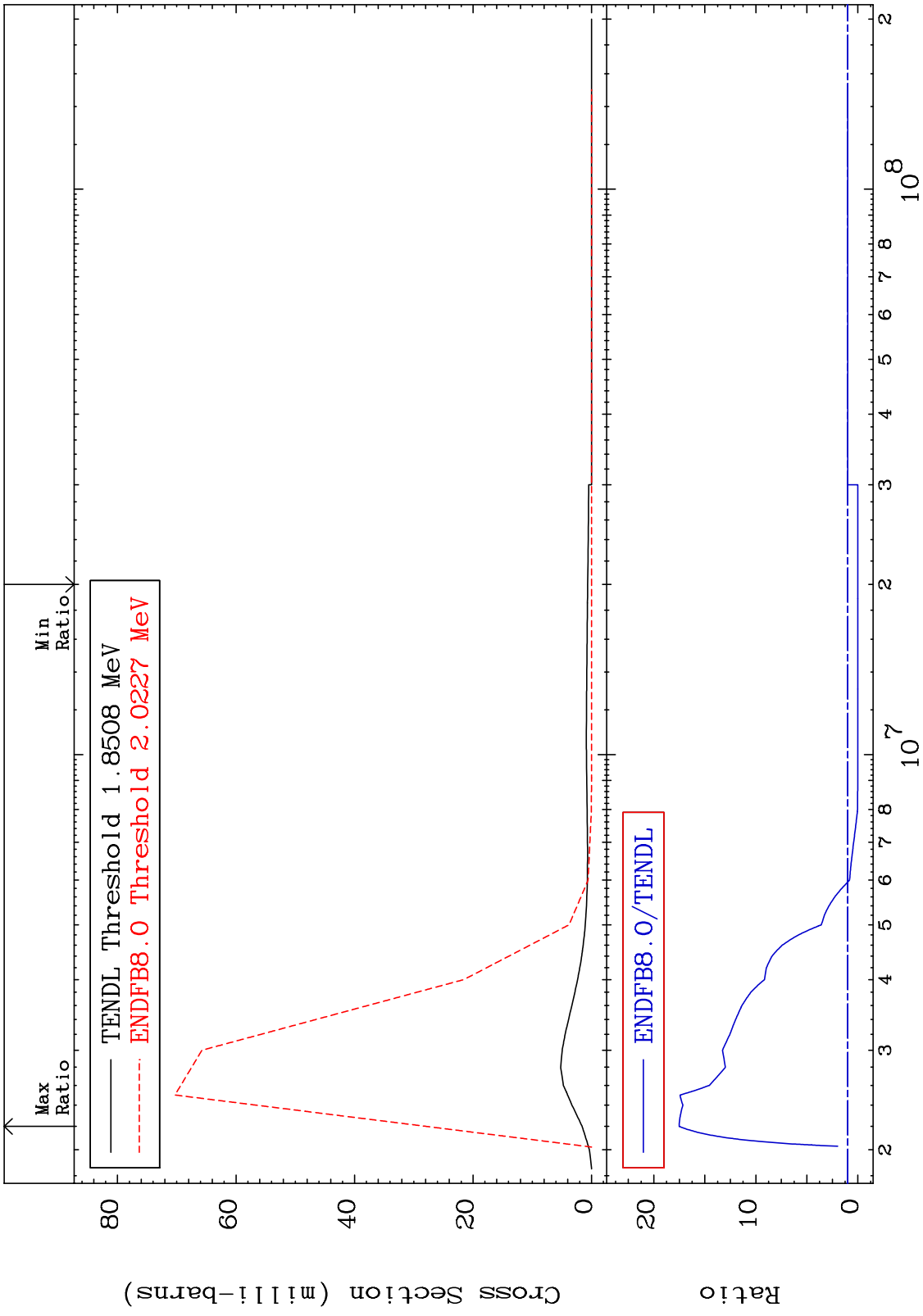


20 80-Hg-196

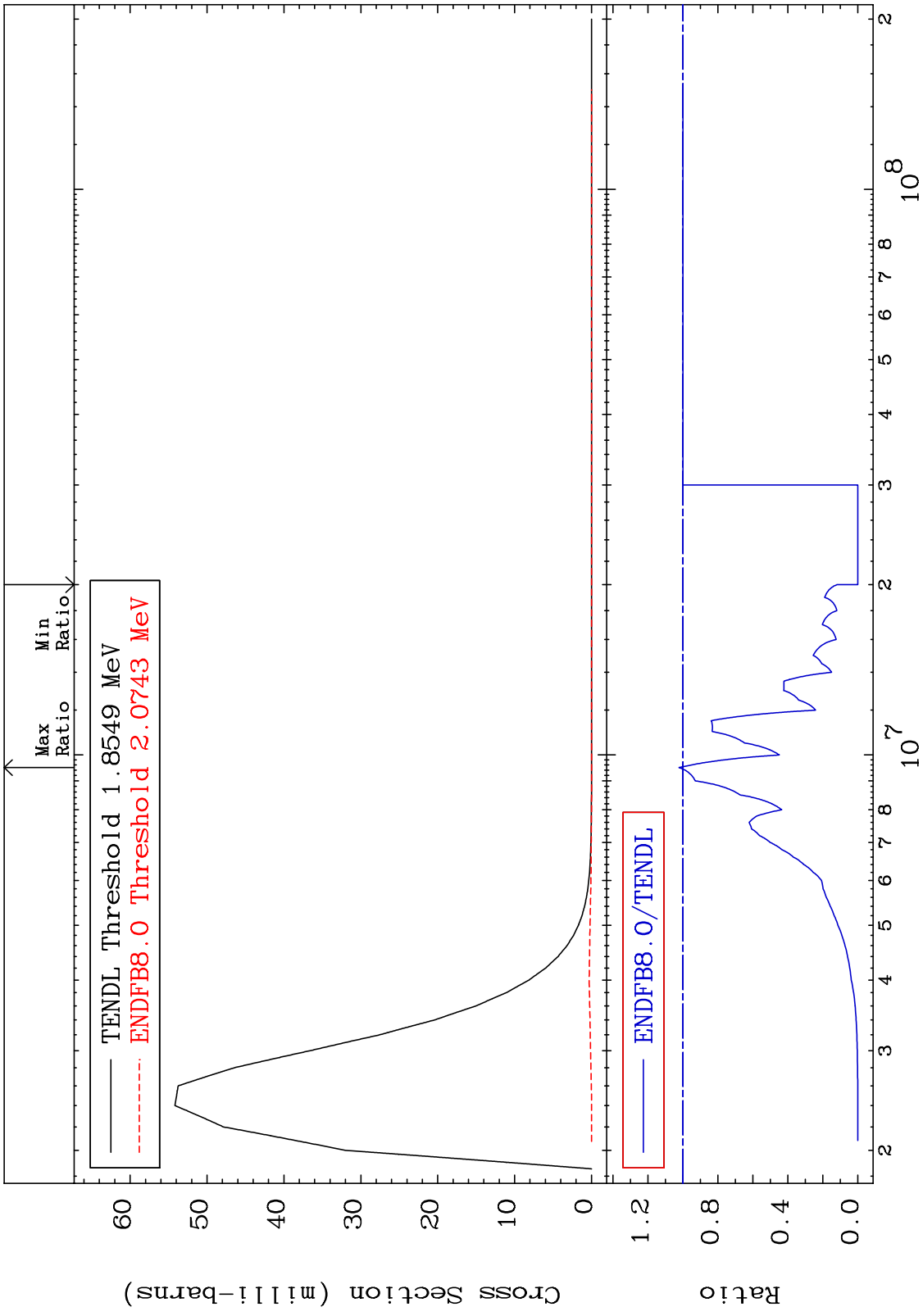
MAT 8025 MT= 63 (n,n') Level Cross Section -100.0 To 138.9 % 80-Hg-196



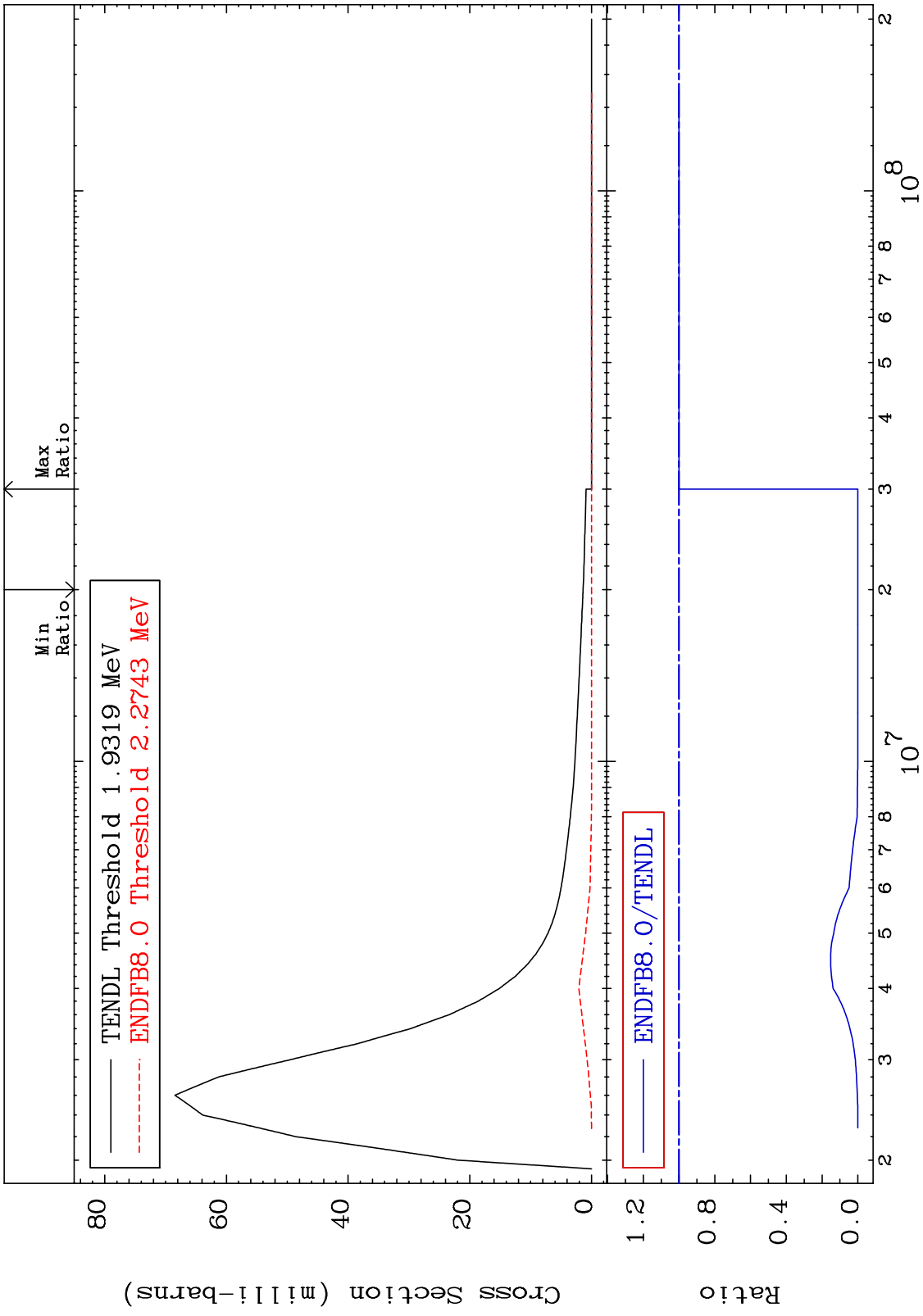
MAT 8025 MT= 64 (n,n') Level Cross Section -100.0 To 1653. % 80-Hg-196



MAT 8025 MT= 65 (n,n') Level Cross Section 80-Hg-196
 -100.0 To 2.262 %



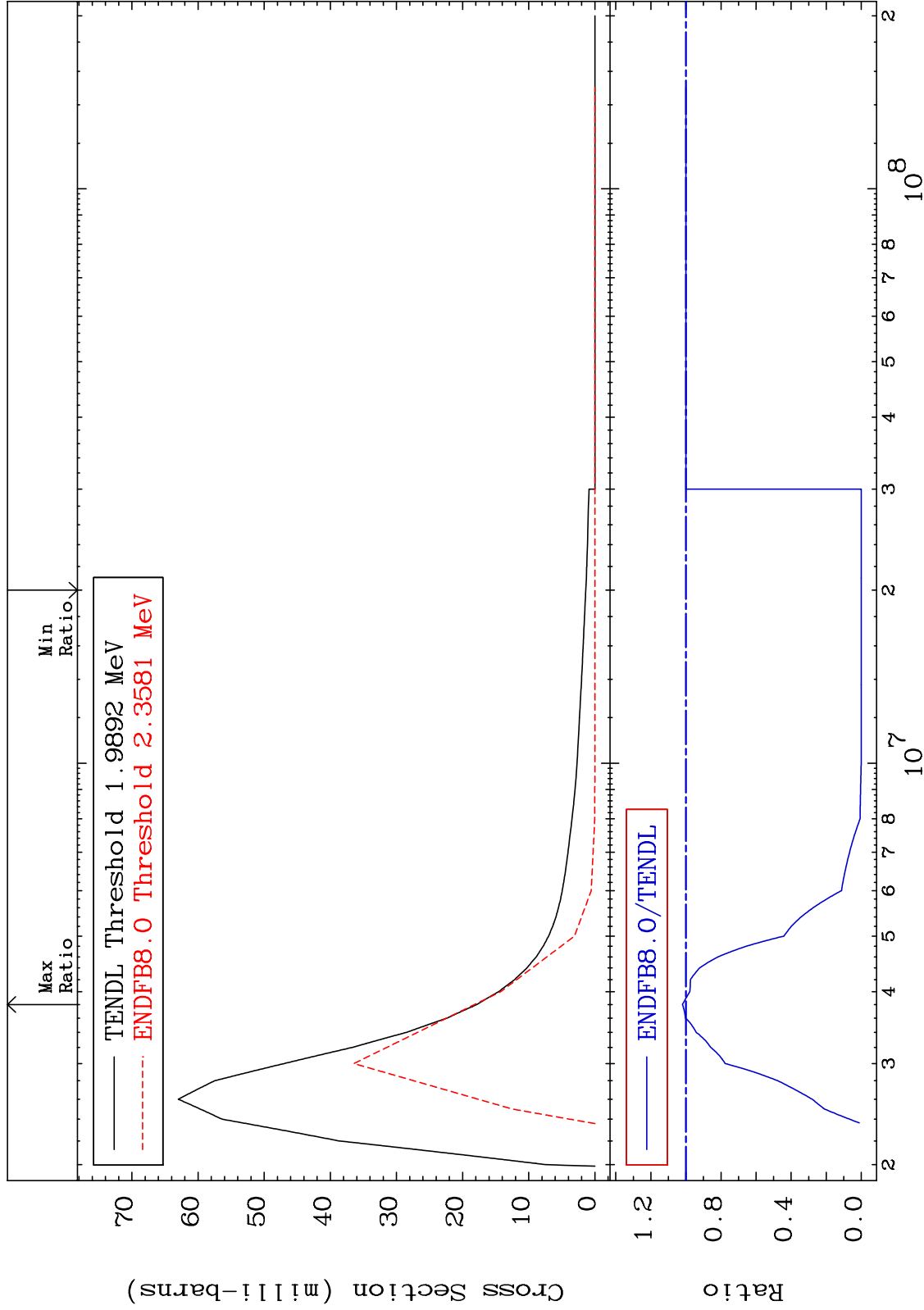
MAT 8025 MT= 66 (n,n') Level Cross Section 80-Hg-196
 -100.0 To 0.000 %



MAT 8025

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

80-Hg-196
-100.0 To 1.972 %

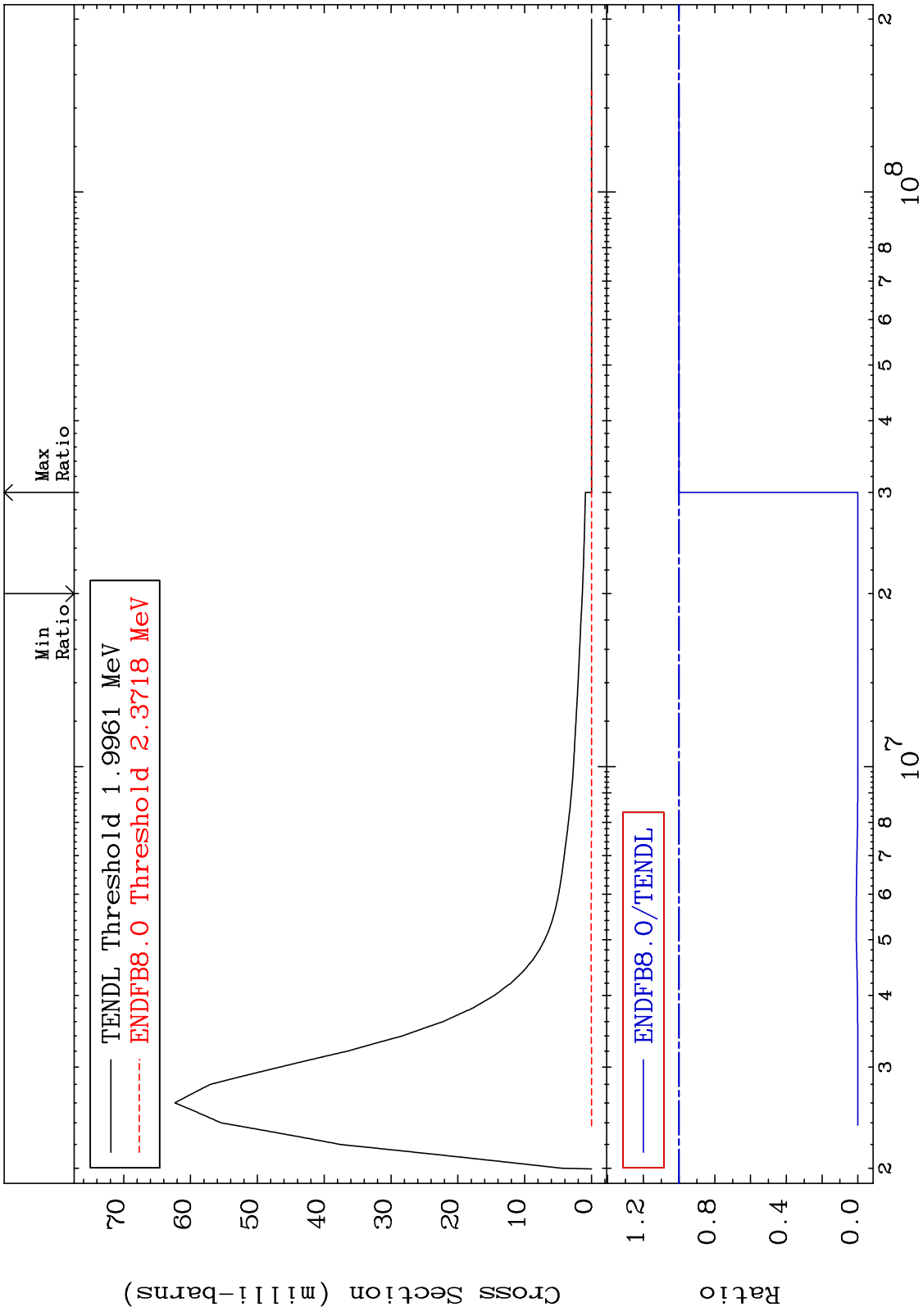


25

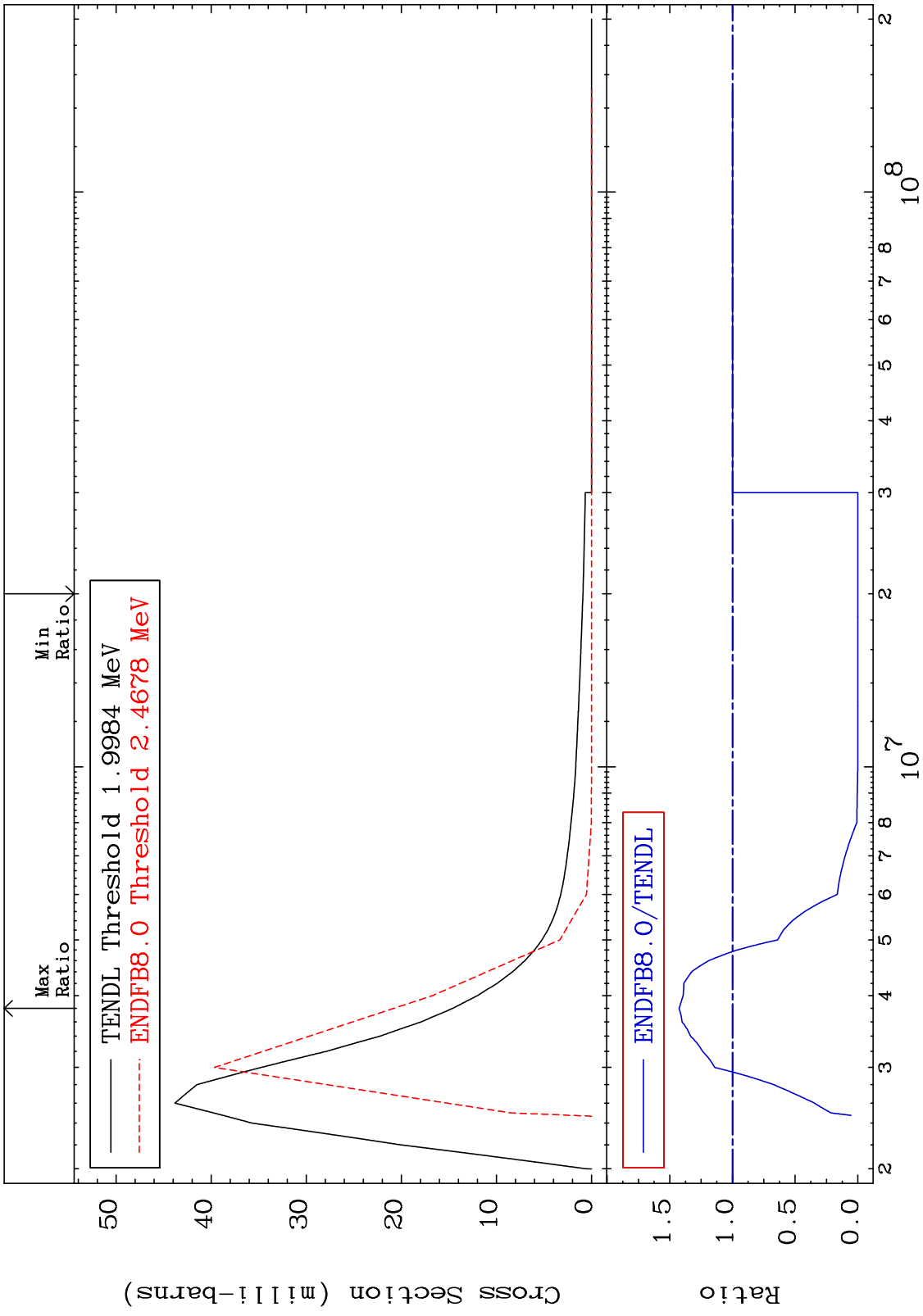
Incident Energy (eV)

80-Hg-196

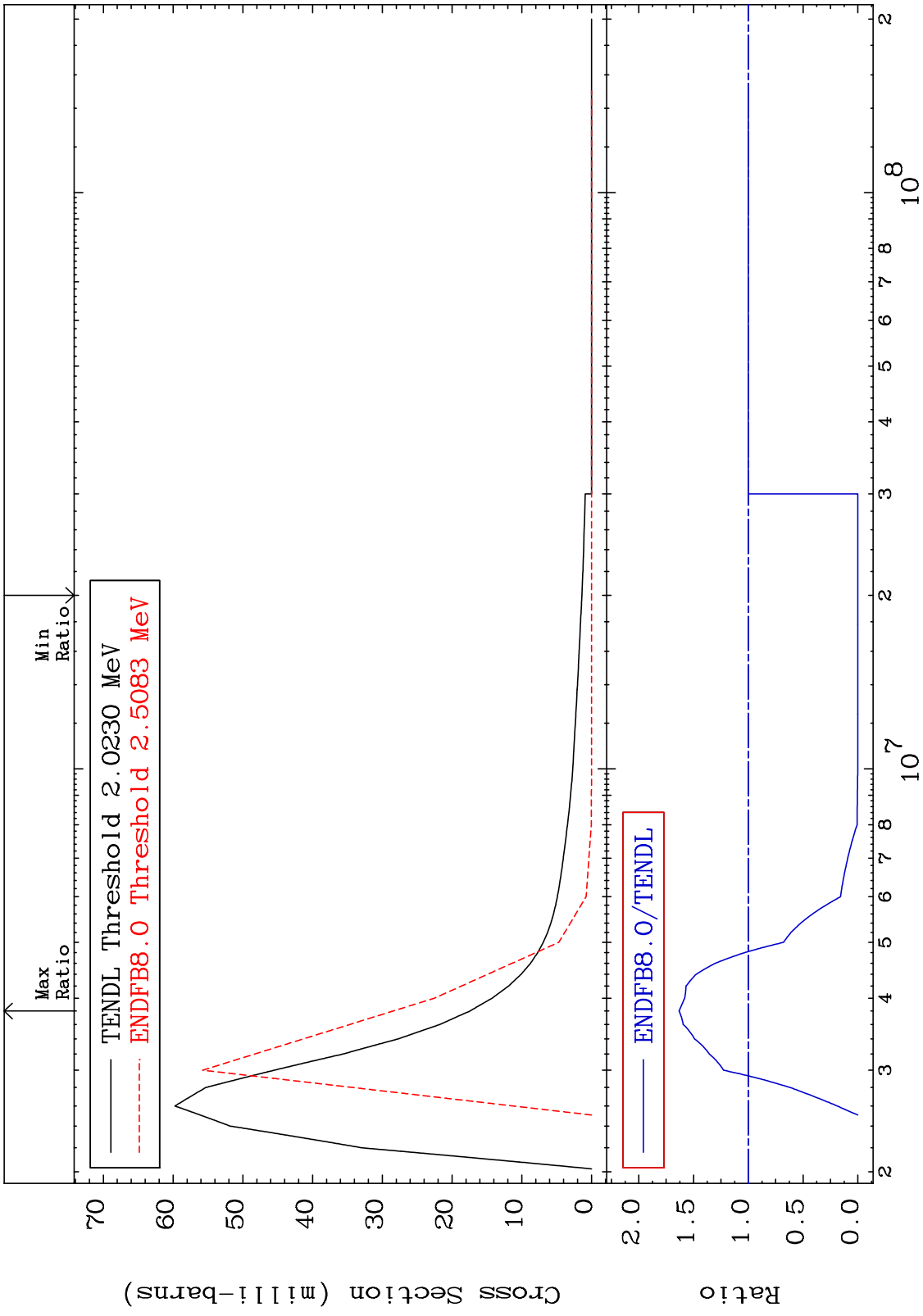
MAT 8025 MT= 68 (n,n') Level Cross Section 80-Hg-196 -100.0 To 0.000 %



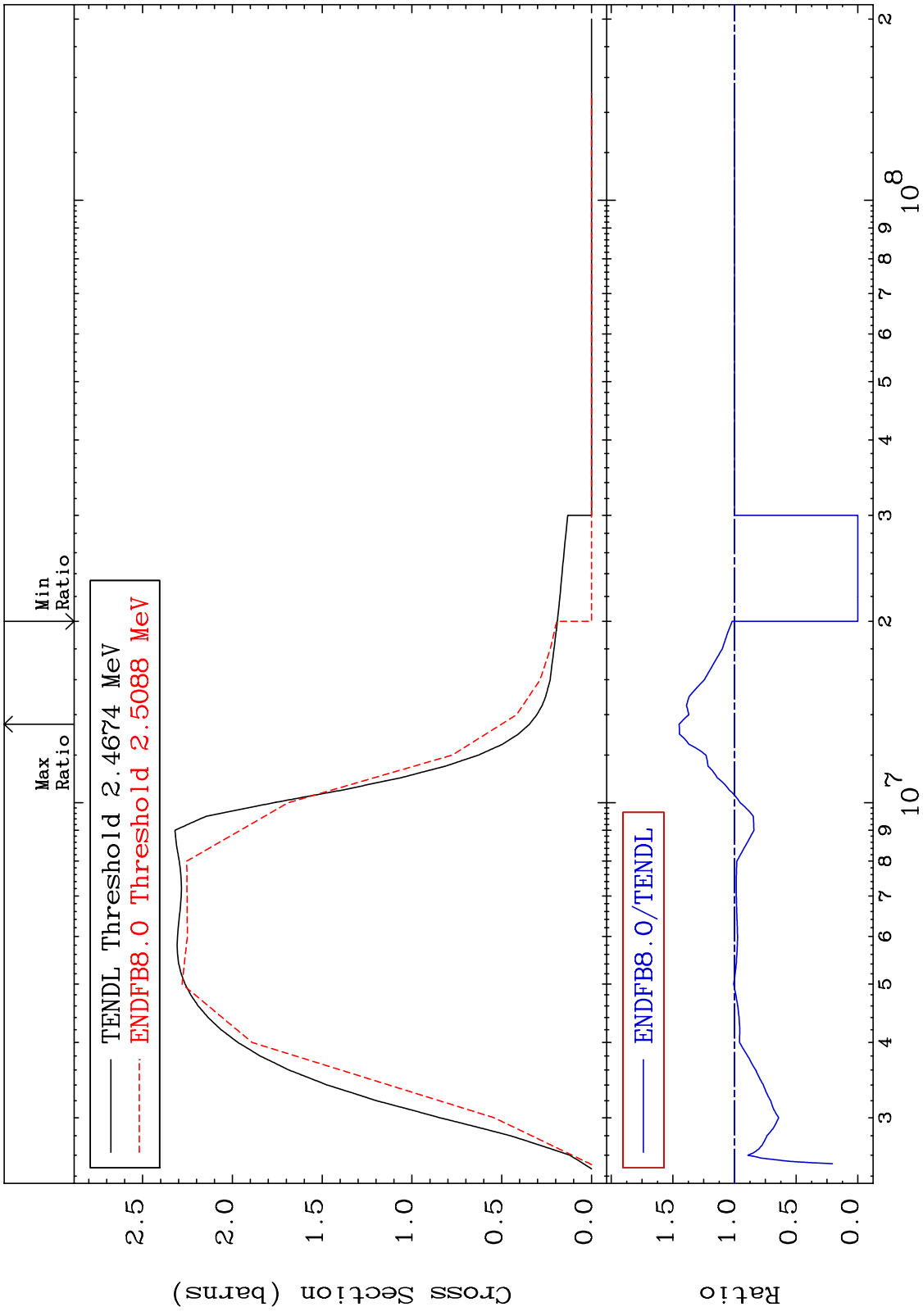
MAT 8025 MT= 69 (n,n') Level Cross Section 80-Hg-196
 -100.0 To 42.61 %



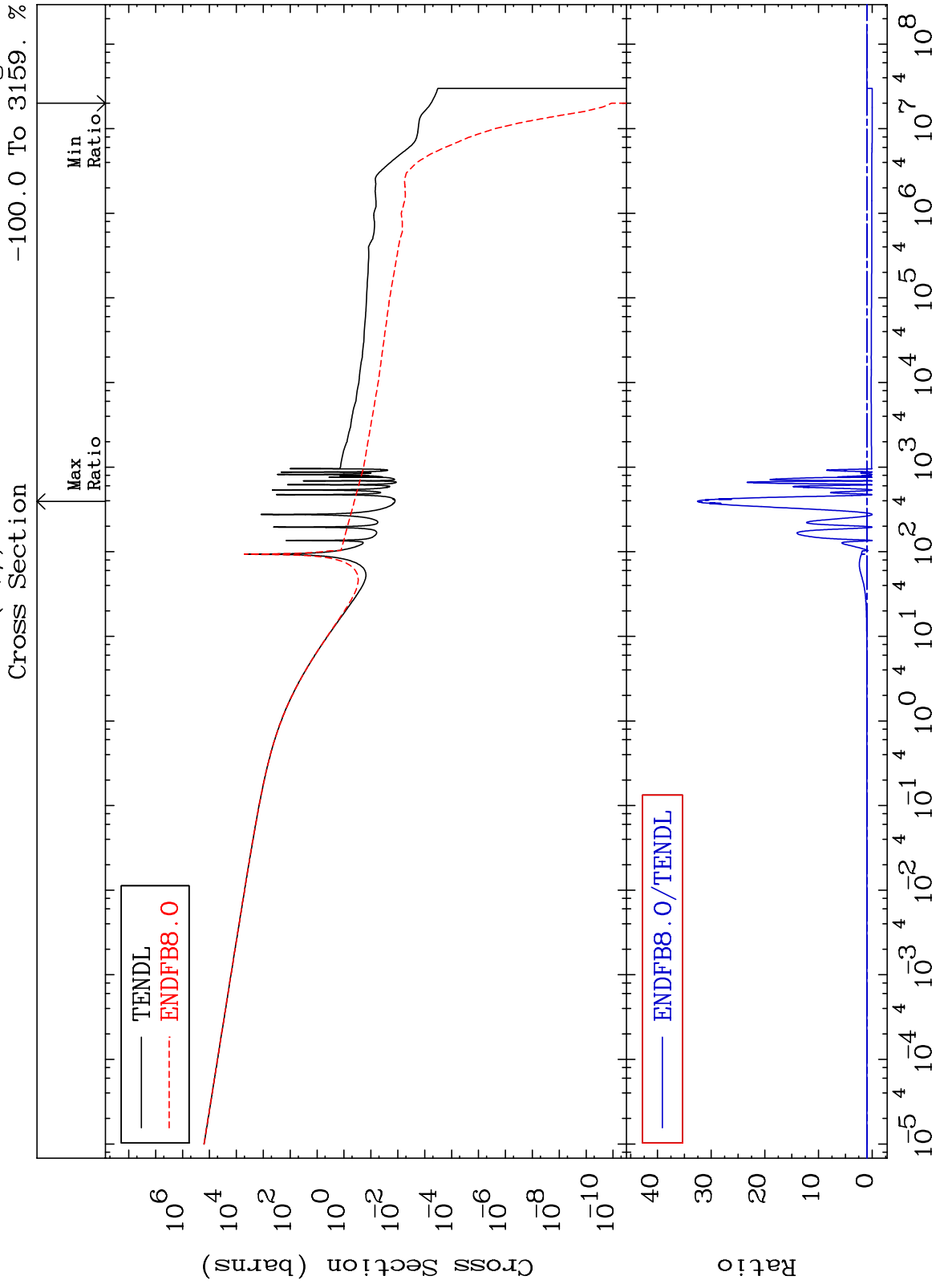
MAT 8025 MT= 70 (n,n') Level Cross Section 80-Hg-196
 -100.0 To 63.25 %



MAT 8025 (n, n') Continuum Cross Section 80-Hg-196
 -100.0 To 45.03 %

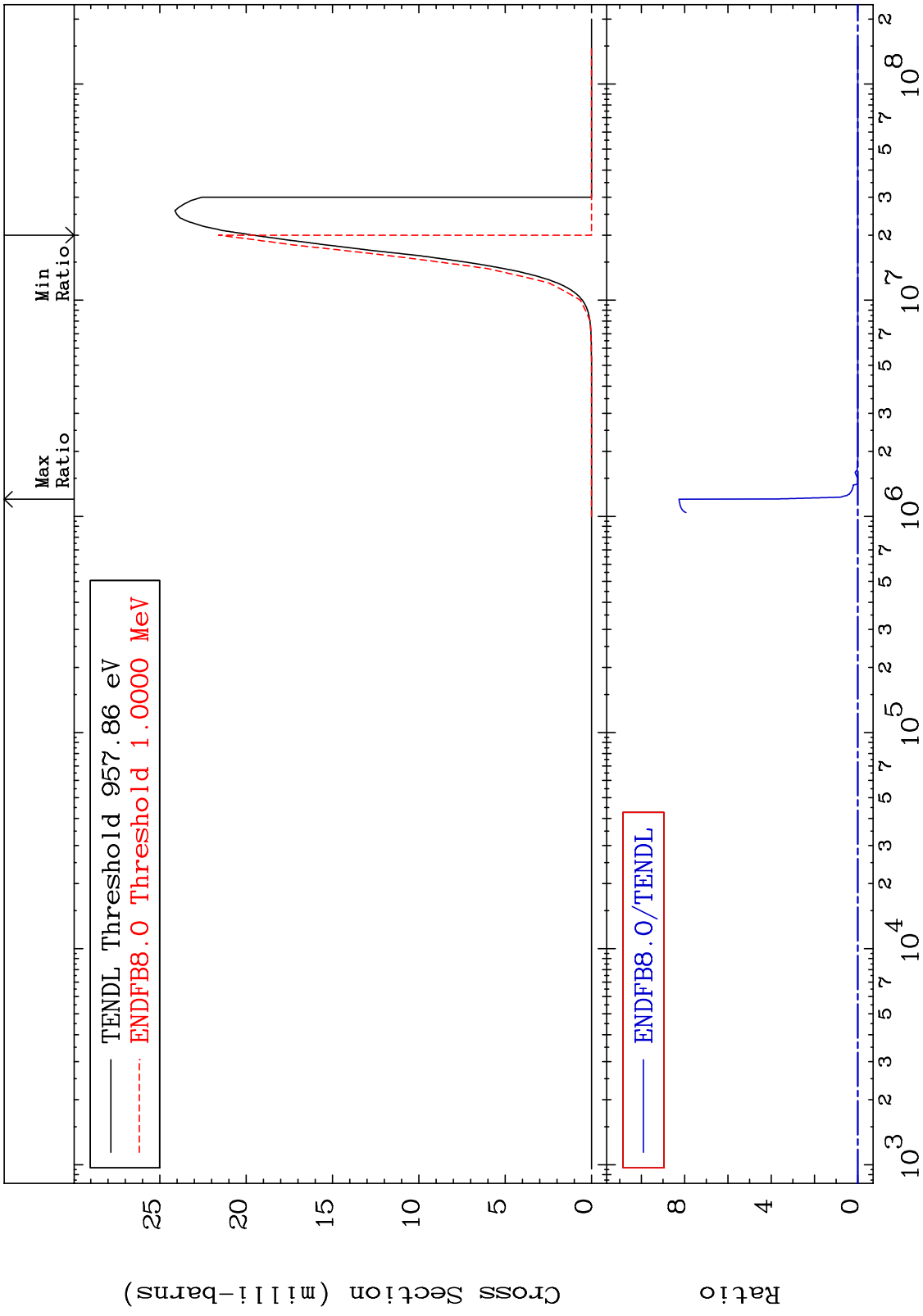


MAT 8025 (n, γ) 80-Hg-196 -100.0 To 3159. %



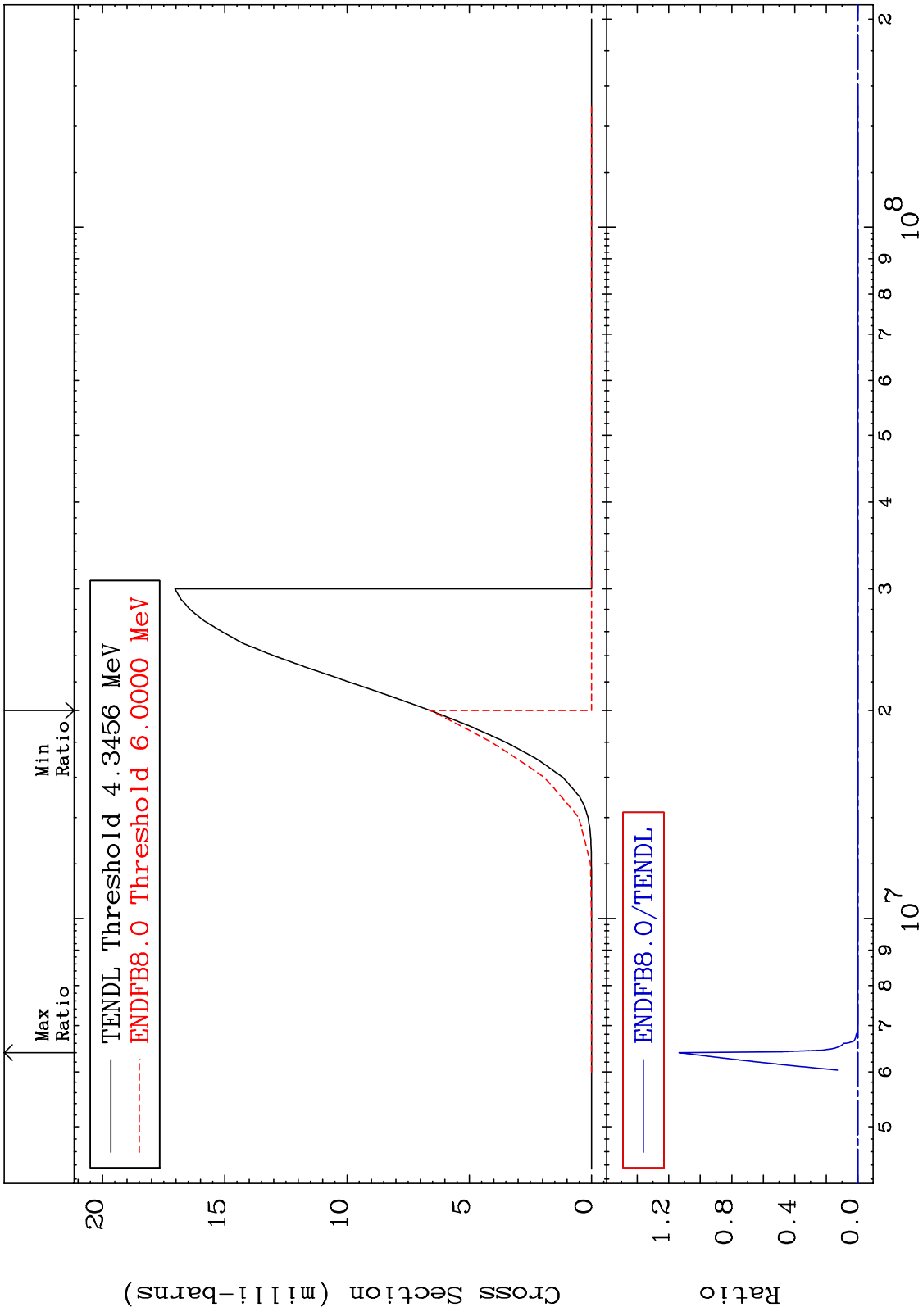
30 Incident Energy (eV) 80-Hg-196

MAT 8025 80-Hg-196
 Cross Section -100.0 To 9999. %

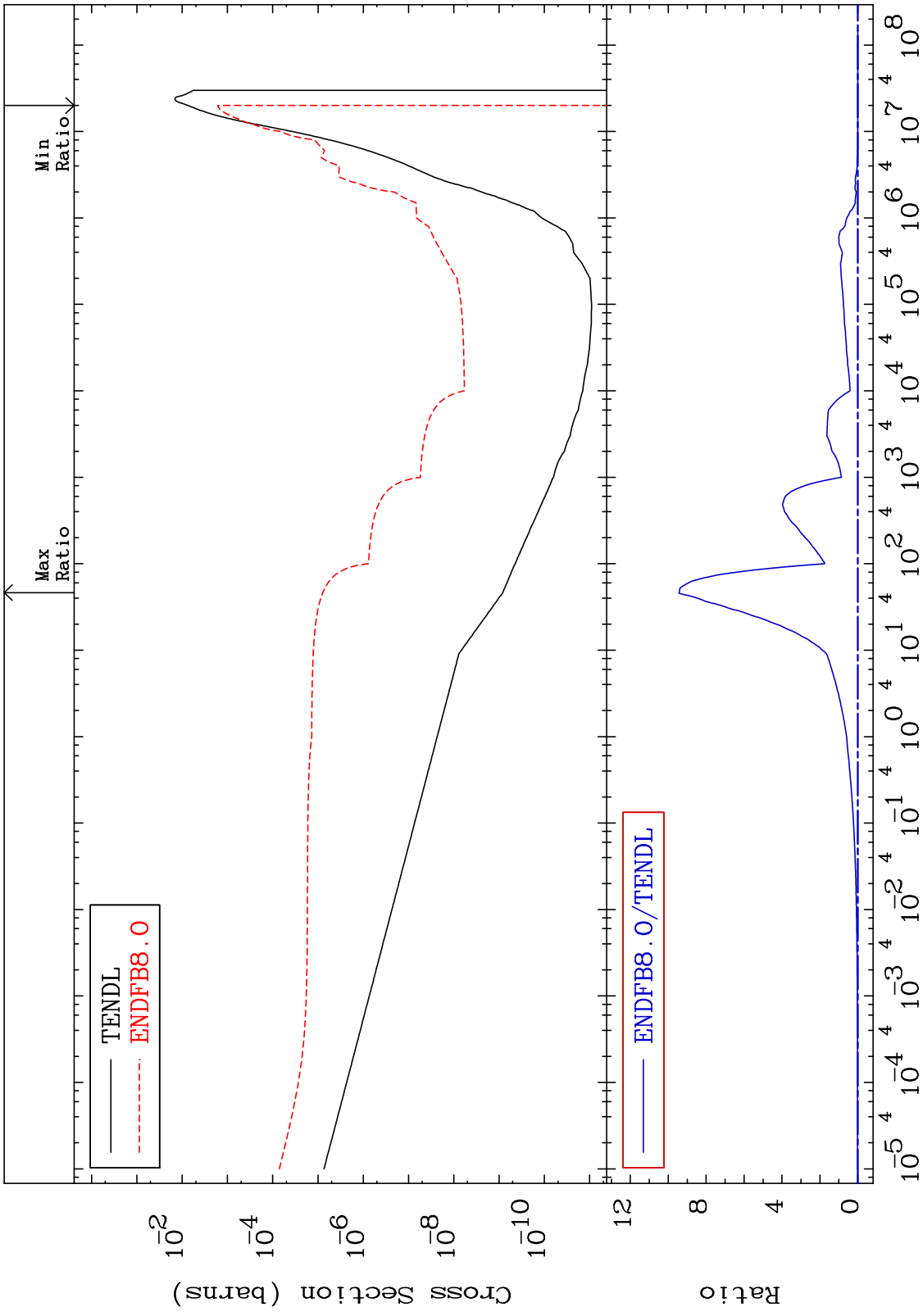


31 80-Hg-196

MAT 8025 (n,d) Cross Section 80-Hg-196
 -100.0 To 9999. %



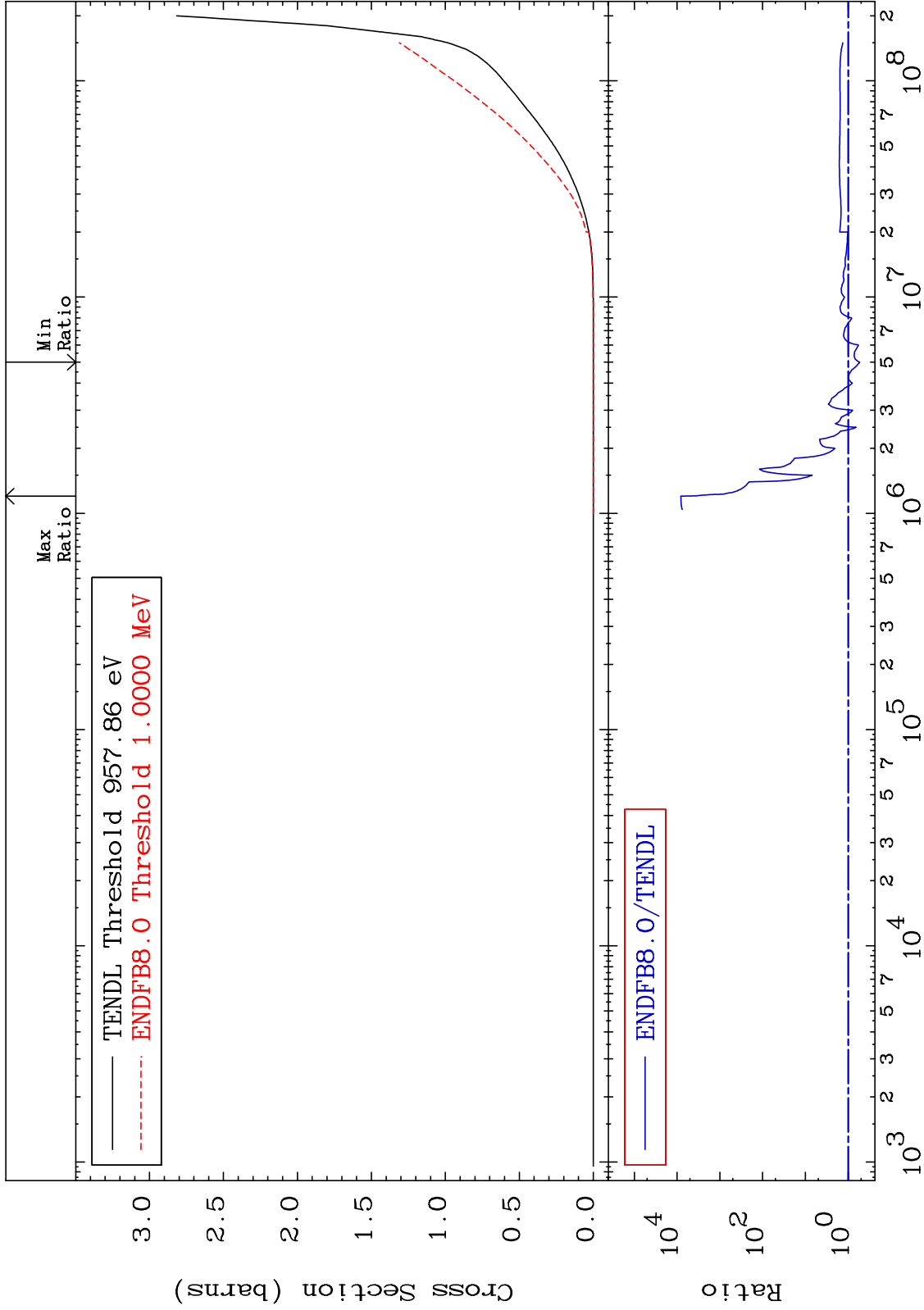
MAT 8025 80-Hg-196
-100.0 To 9999. %
 (n, α)
 Cross Section



MAT 8025

Hydrogen Production
Cross Section

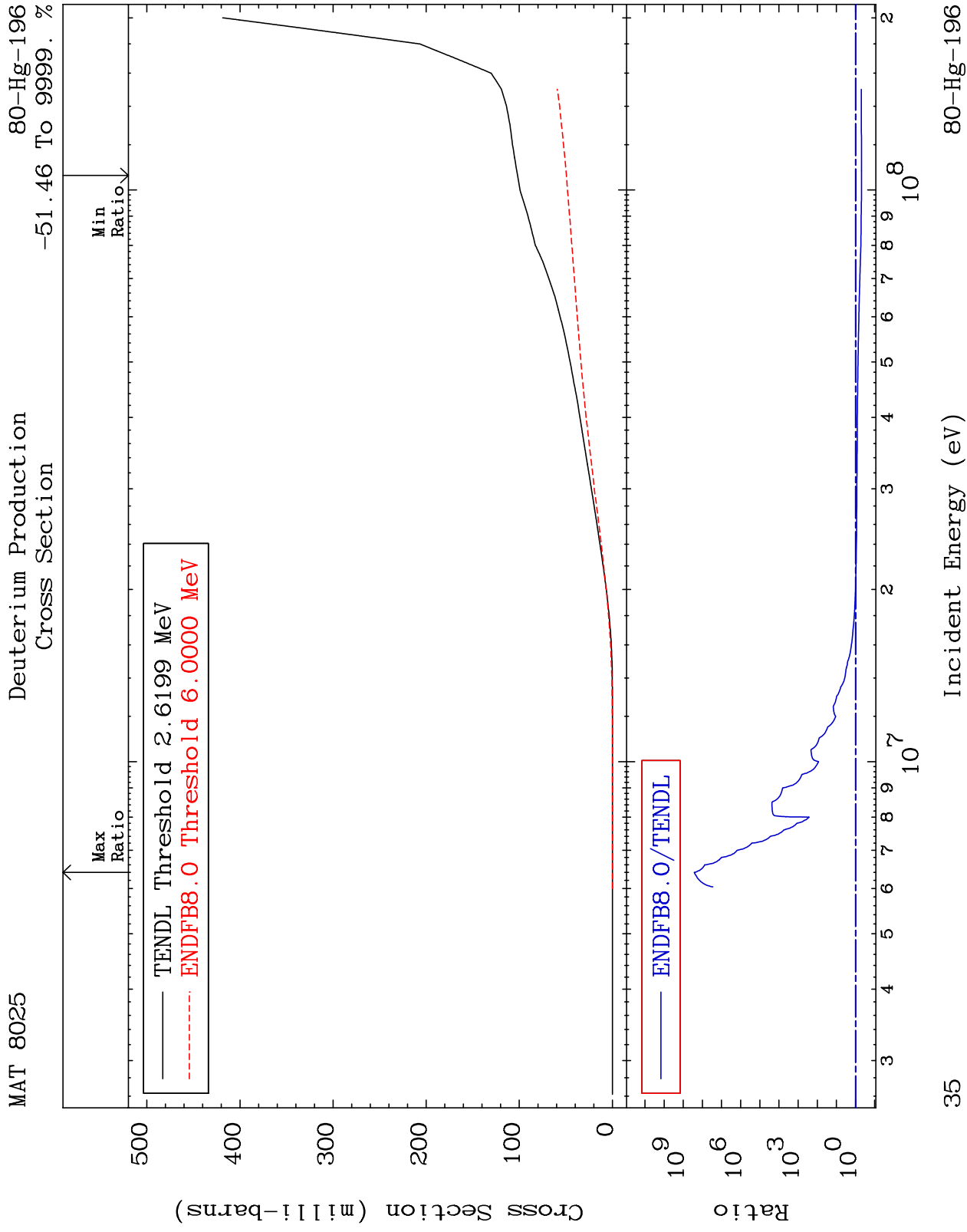
80-Hg-196
-46.03 To 9999. %



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Incident Energy (eV)

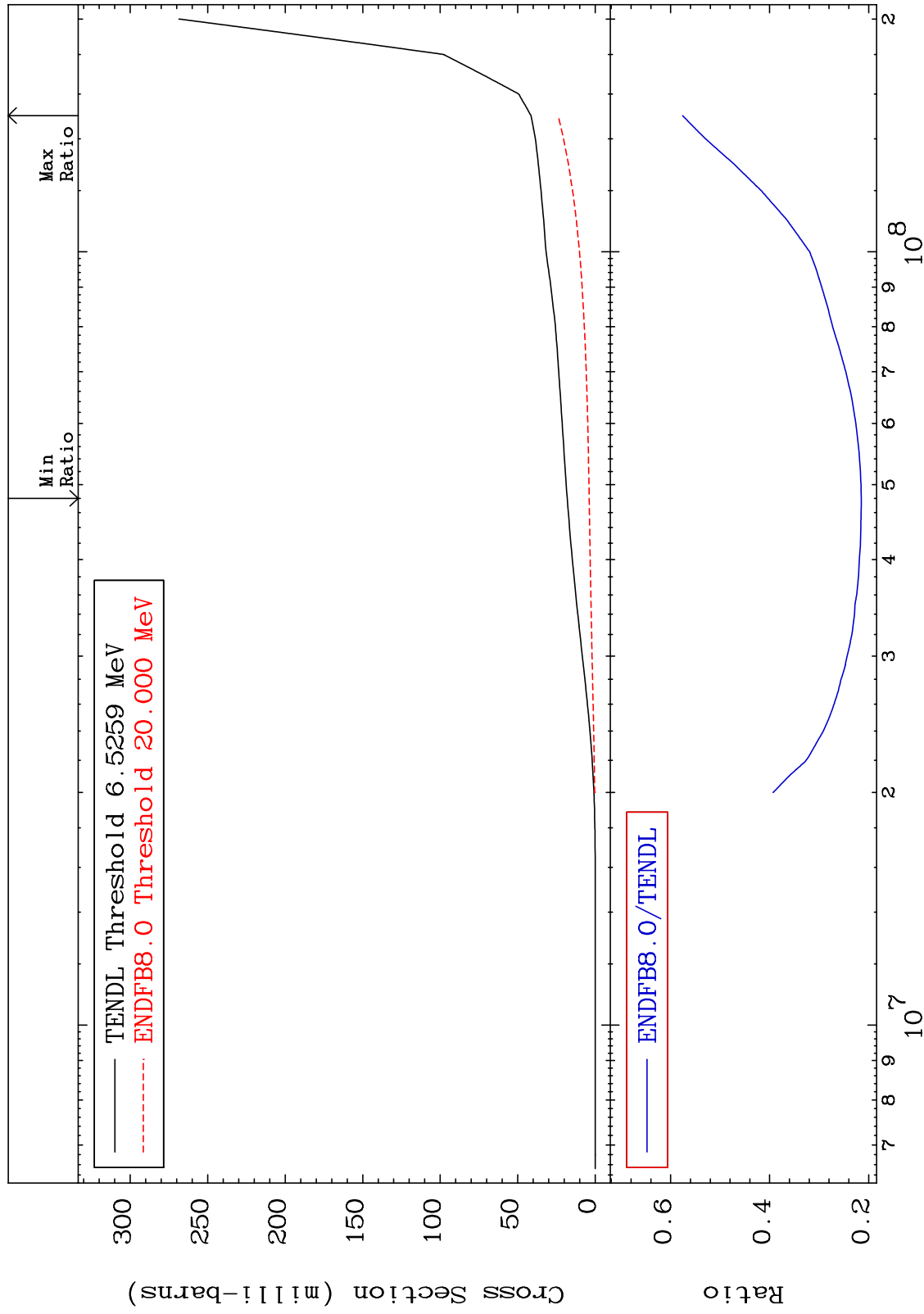
80-Hg-196



MAT 8025

Tritium Production
Cross Section

80-Hg-196
-78.52 To -42.43%

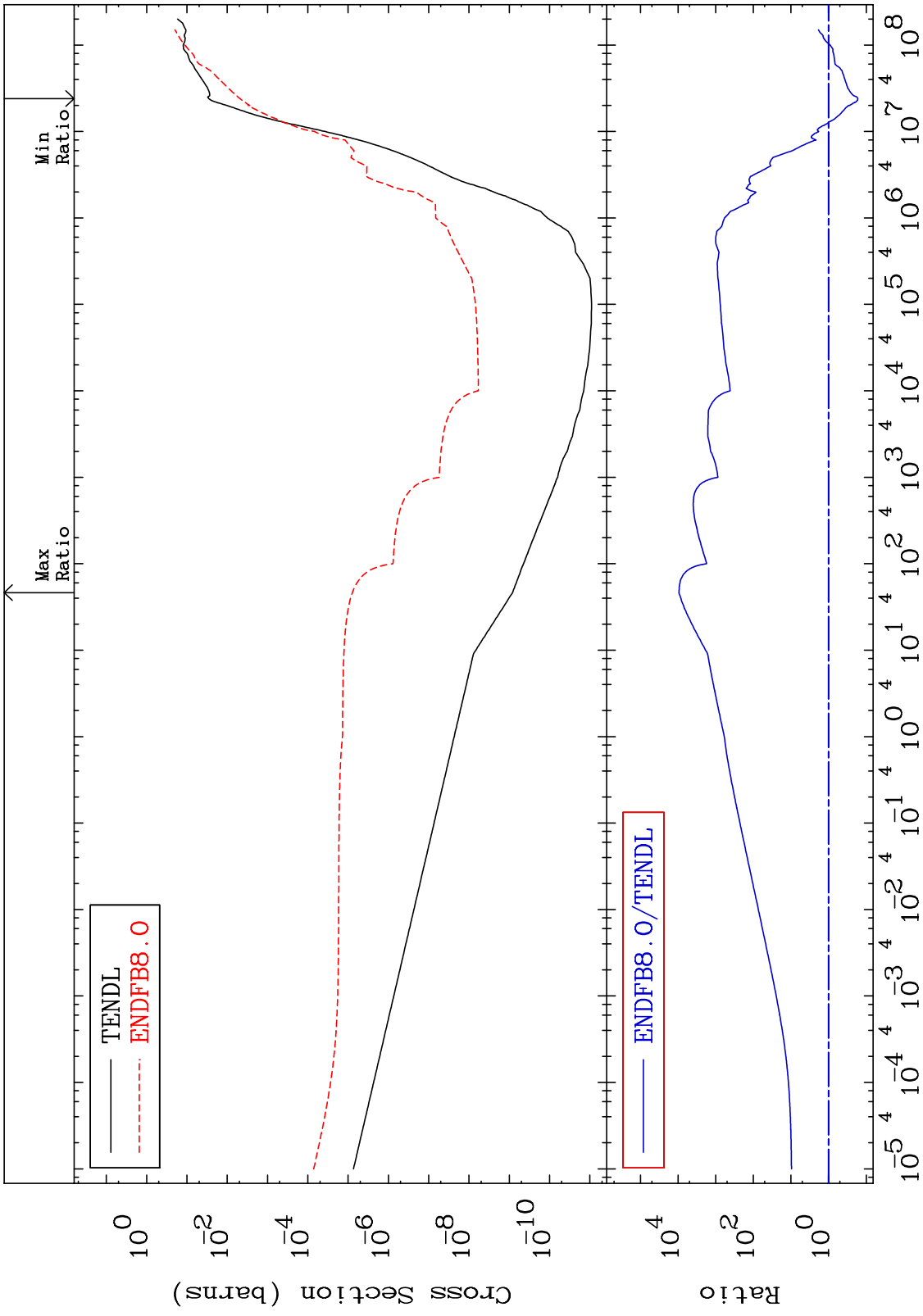


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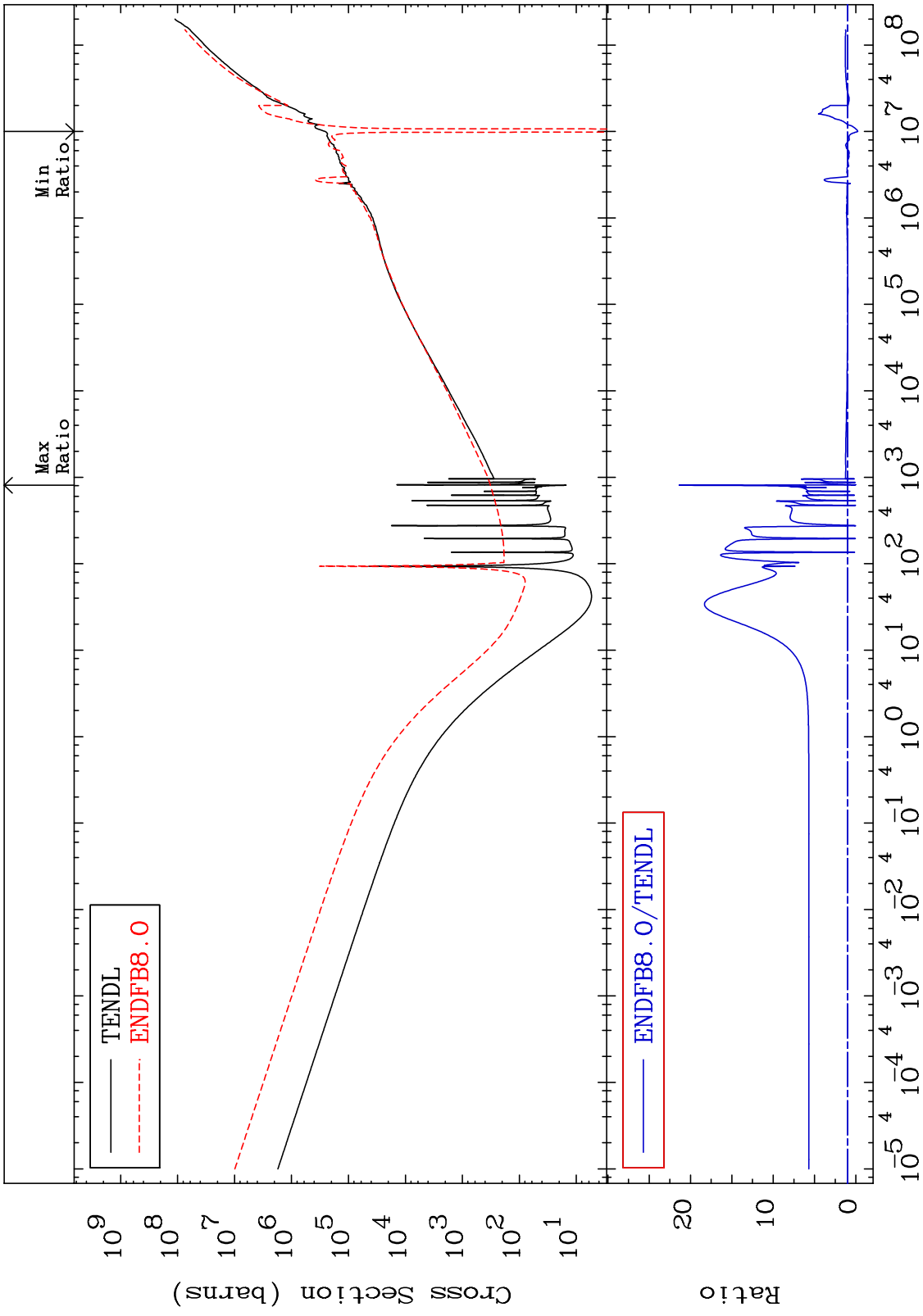
Incident Energy (eV)

80-Hg-196

MAT 8025 He-4 Production Cross Section 80-Hg-196
-83.30 To 9999. %



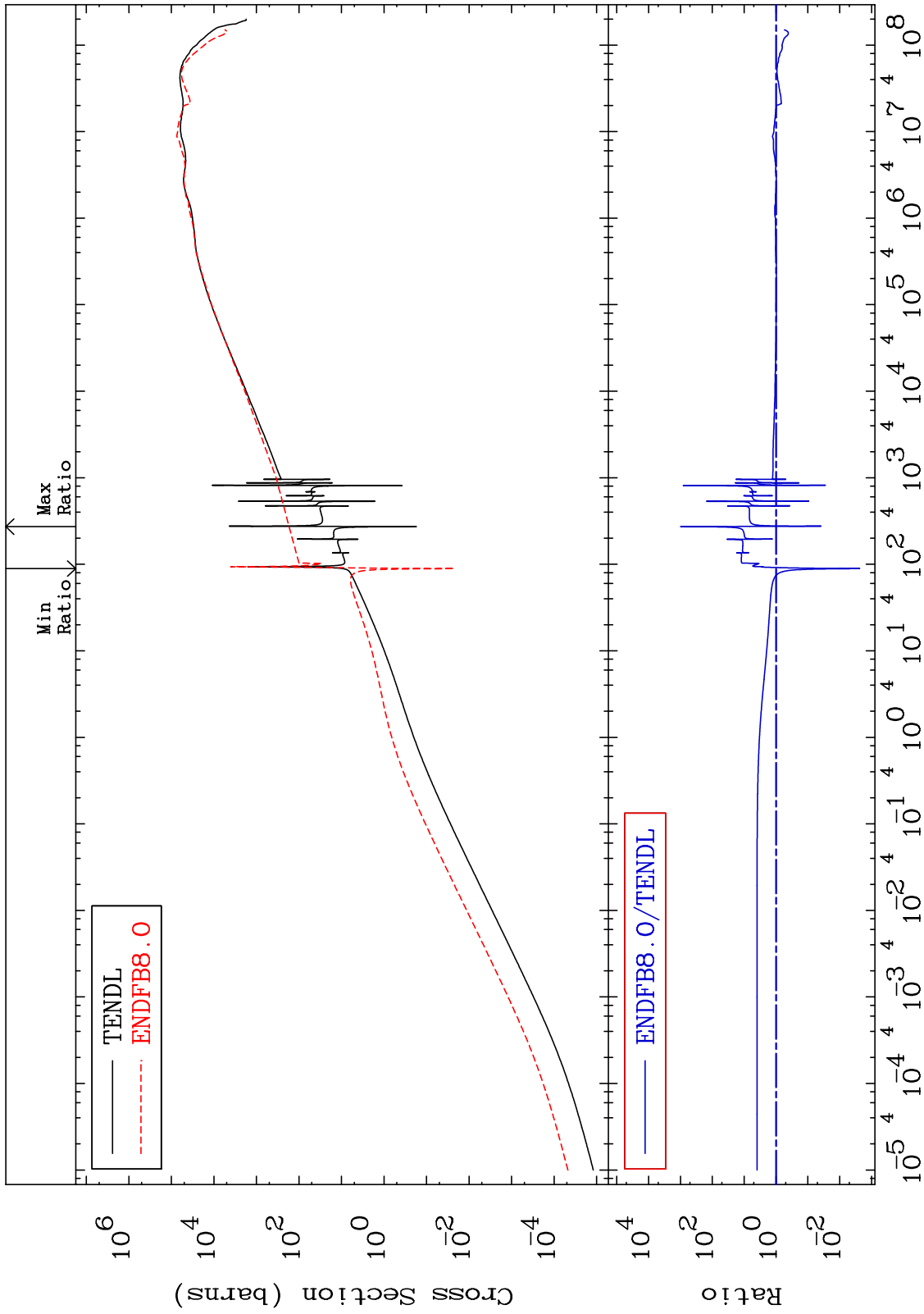
MAT 8025 Kerma total (eV-barns)
 Cross Section -123.9 To 2039. % 80-Hg-196



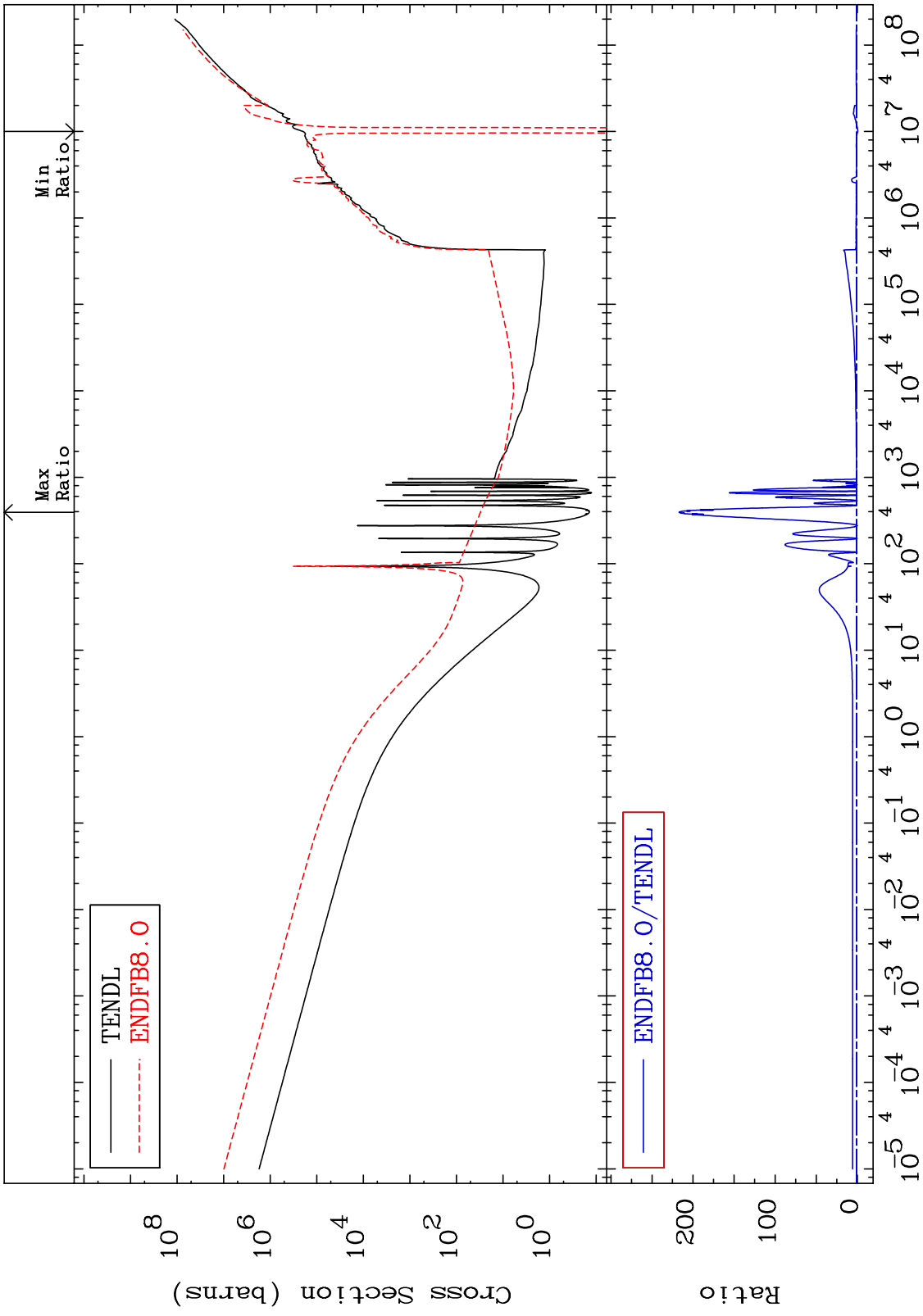
MAT 8025

Kerma elastic
Cross Section

80-Hg-196
-99.76 To 9999. %

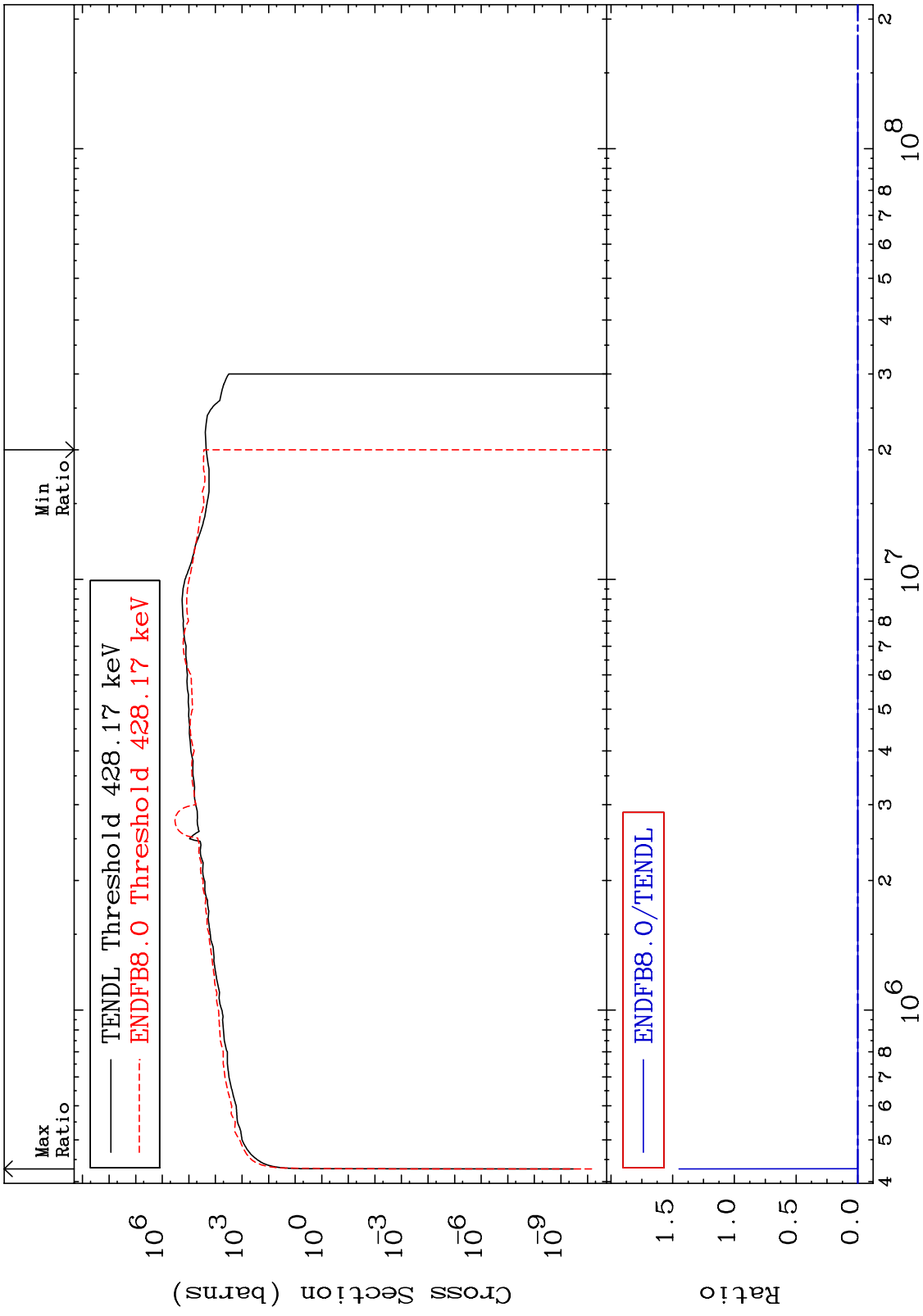


MAT 8025 Kerma non-elastic (all but mt.2) 80-Hg-196
 -167.1 To 9999. %
 Cross Section



40 Incident Energy (eV) 80-Hg-196

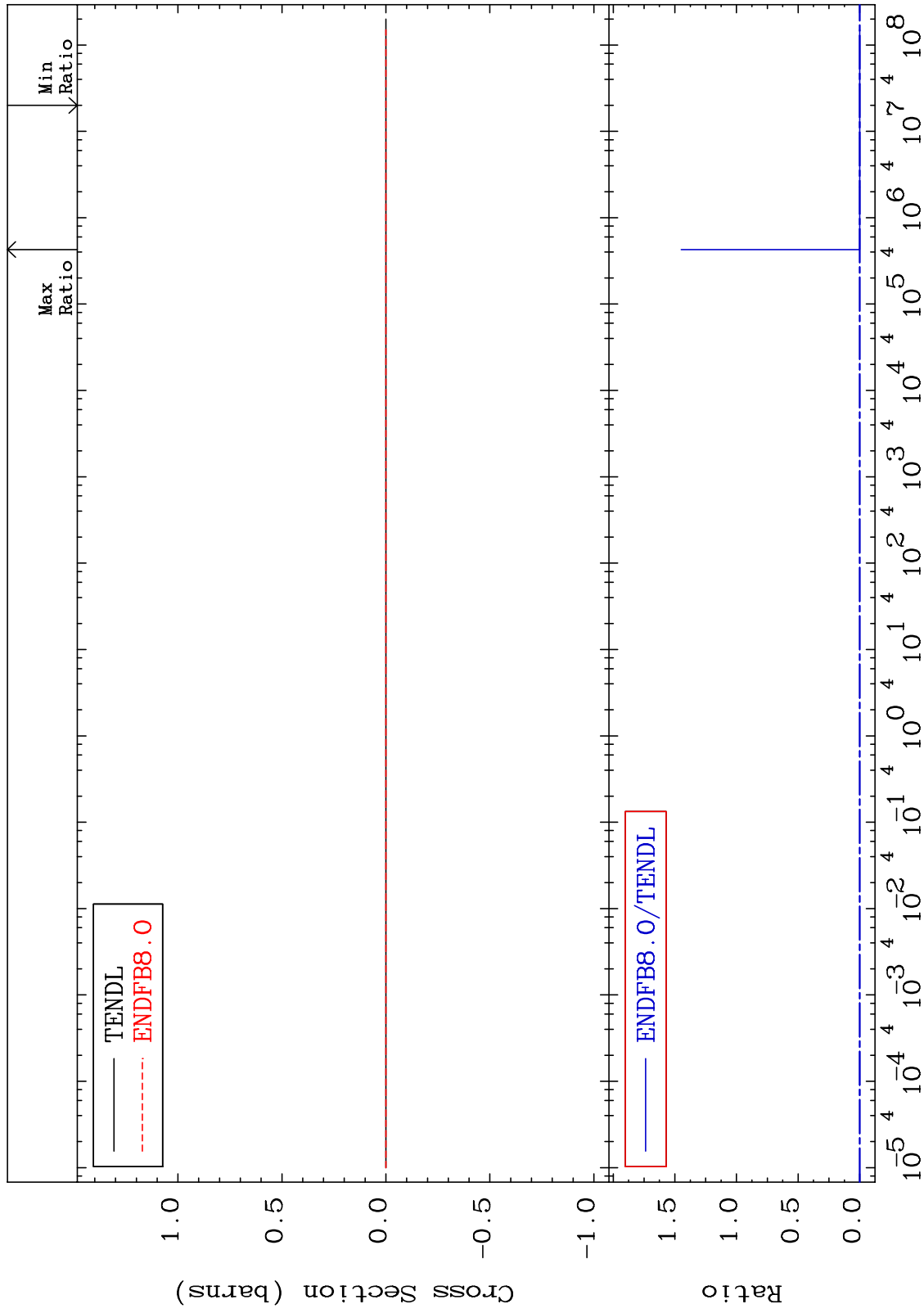
MAT 8025 Kerma inelastic (mt51-91) 80-Hg-196
 Cross Section -100.0 To 9999. %



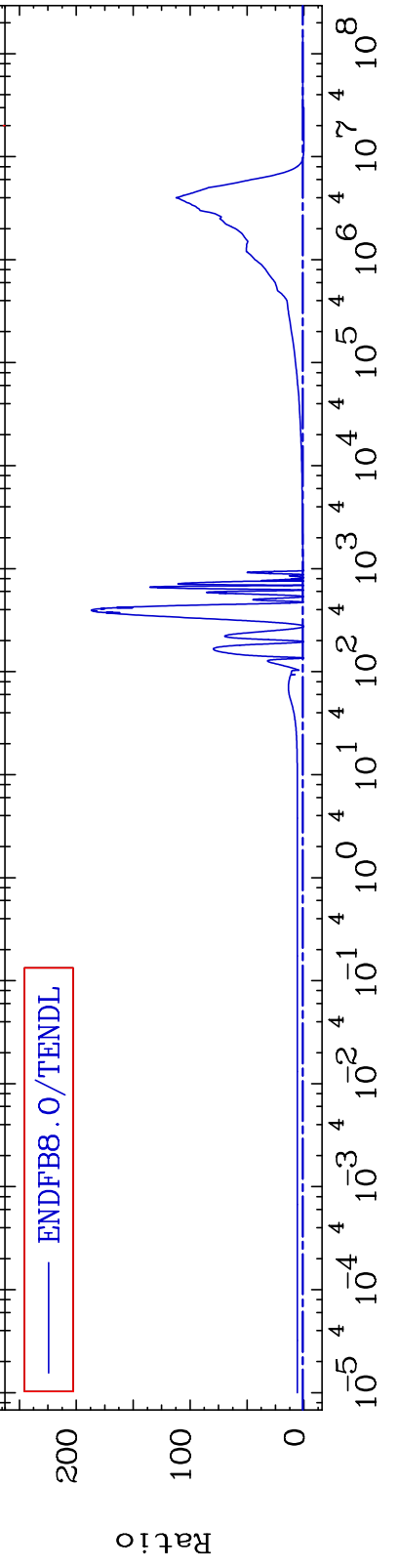
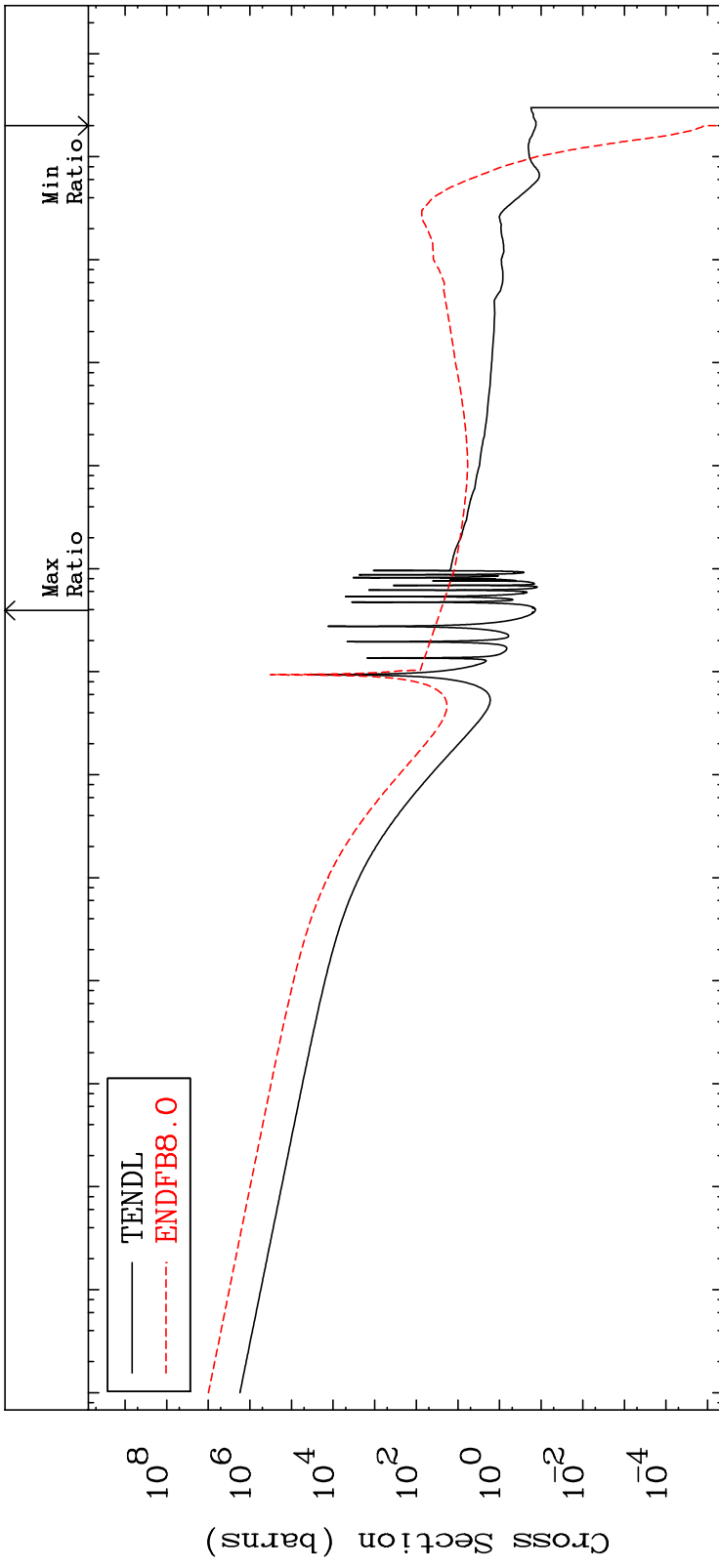
MAT 8025

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

80-Hg-196
-100.0 To 9999. %

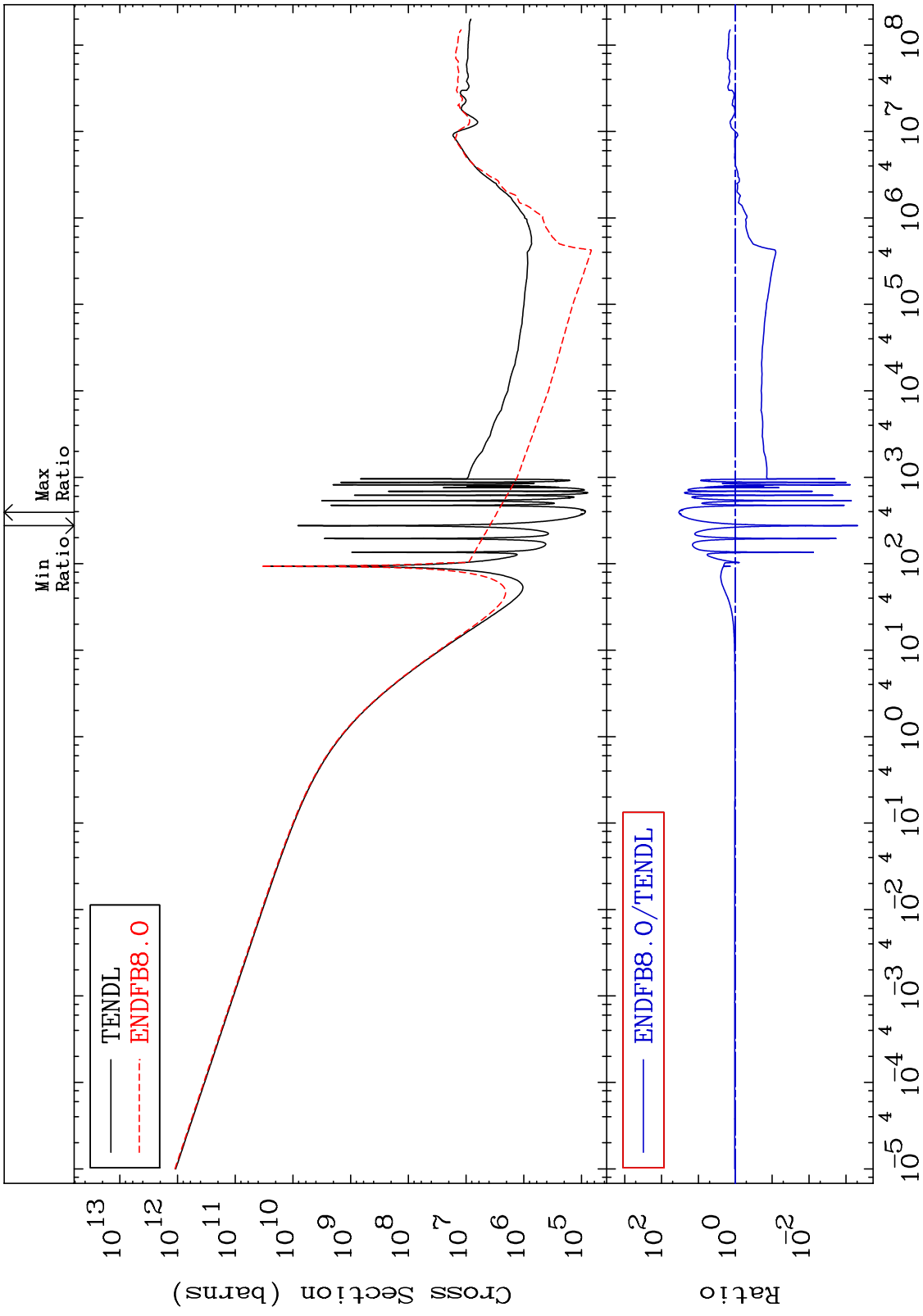


MAT 8025 Kerma capture (mt102) 80-Hg-196
 -100.0 To 9999. %

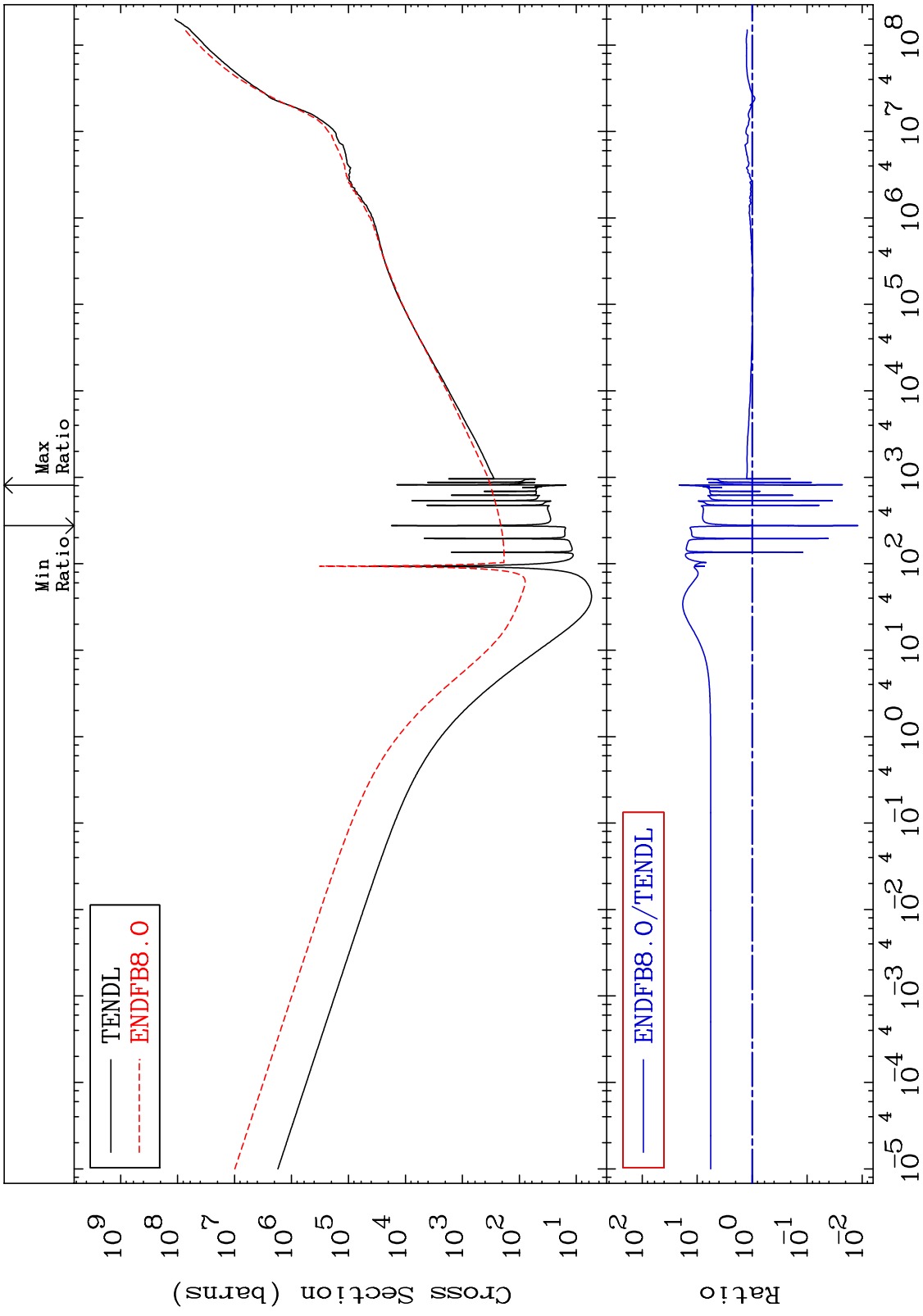


43 80-Hg-196

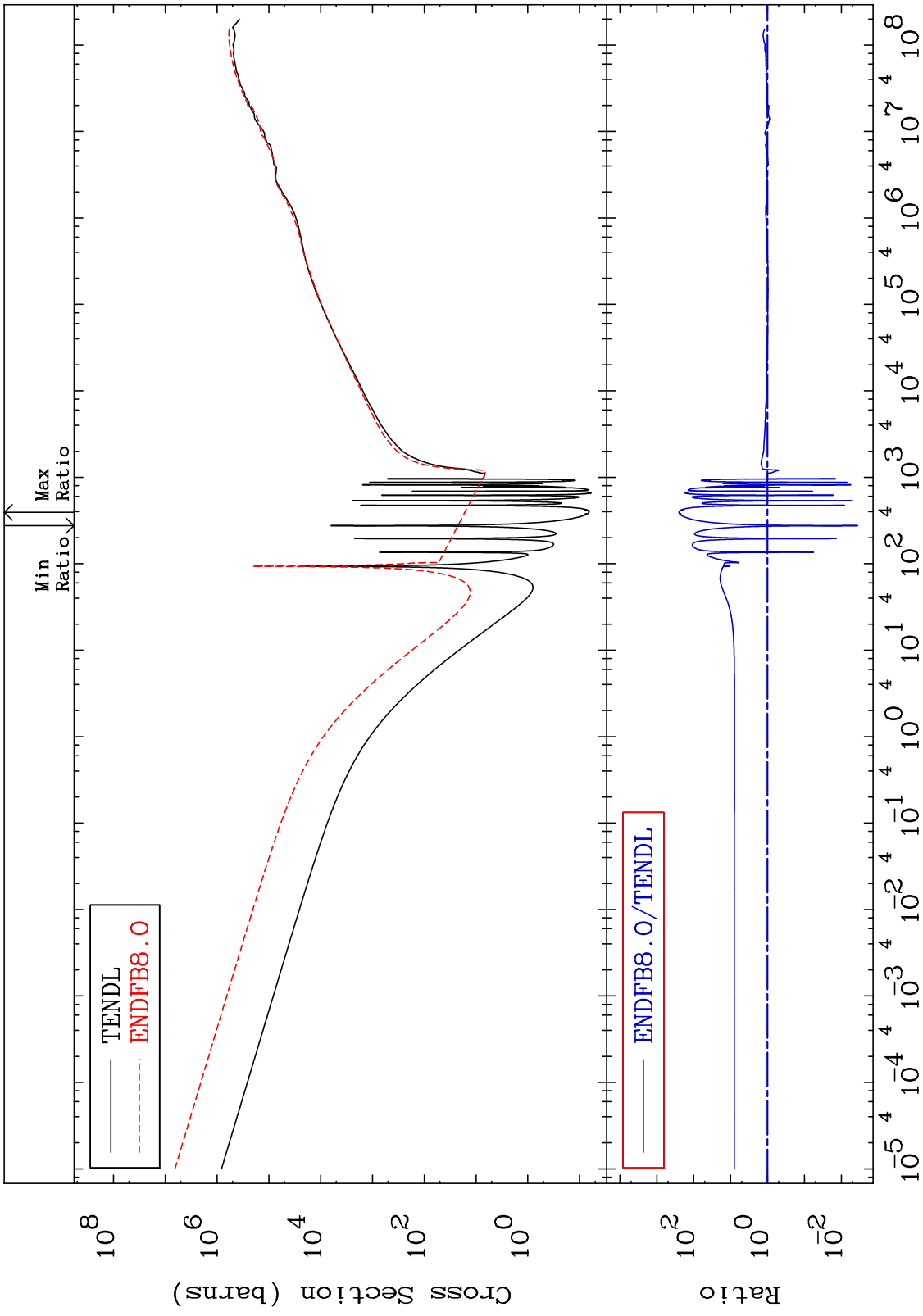
MAT 8025 80-Hg-196
-99.95 To 3253. %
 Total photon (eV-barns)
 Cross Section



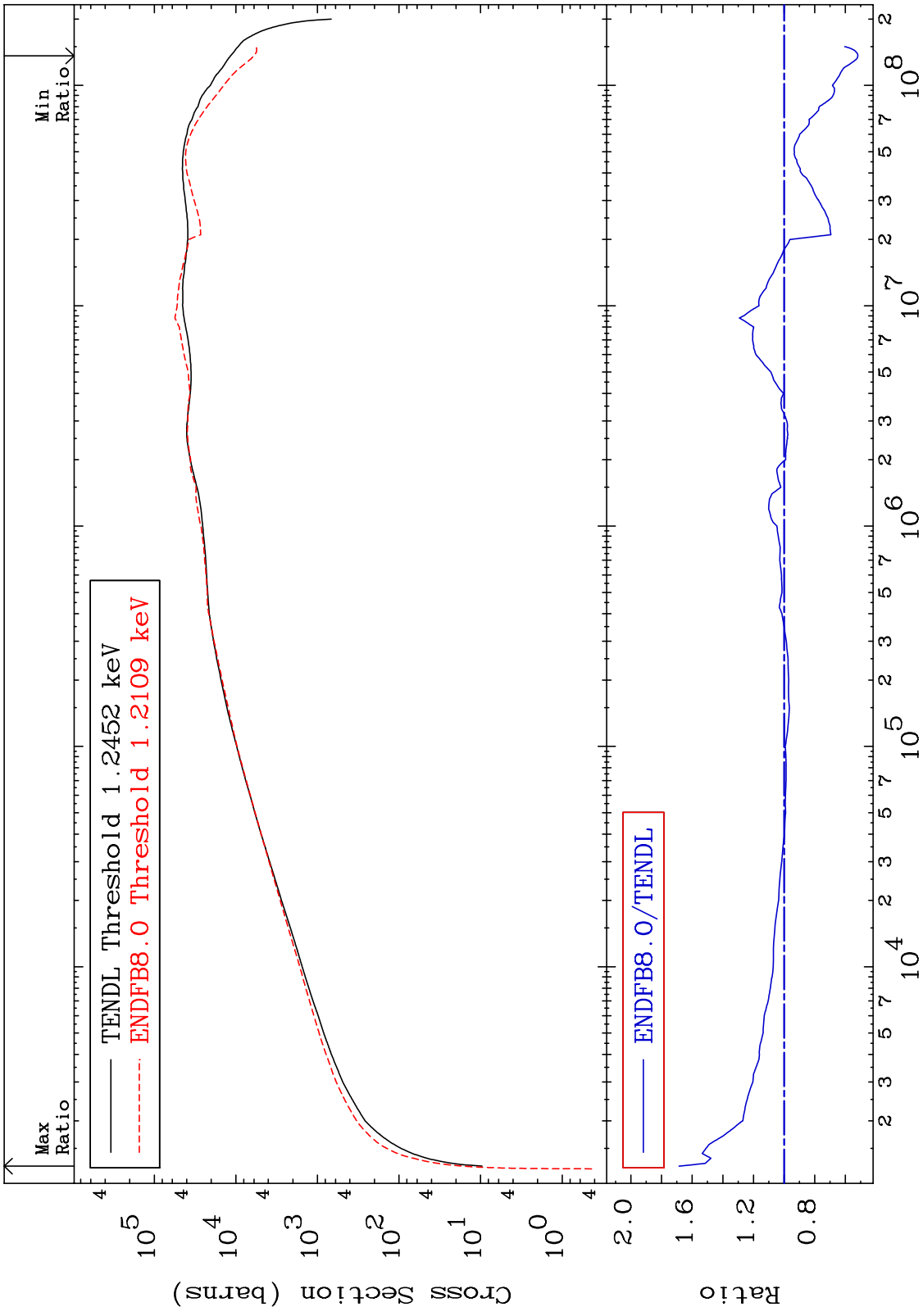
MAT 8025 Total kinematic kerma (high limit) 80-Hg-196
 Cross Section -98.80 To 2039. %



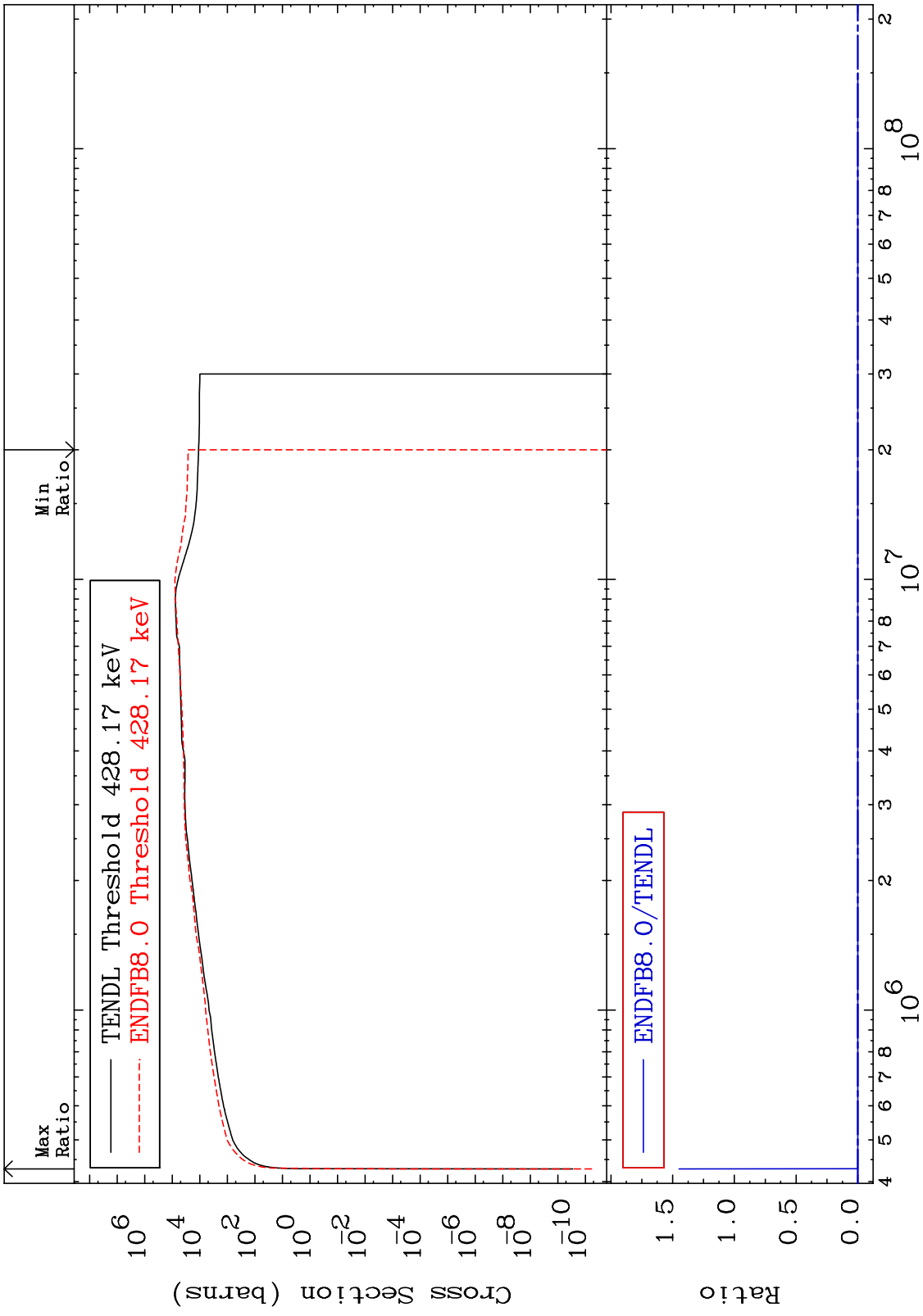
MAT 8025 Dpa total (eV-barns) 80-Hg-196
 -99.64 To 9999. %



MAT 8025 Dpa elastic (mt2) 80-Hg-196
 Cross Section -48.13 To 68.56 %



MAT 8025 Dpa inelastic (mt51-91) 80-Hg-196
 Cross Section -100.0 To 9999. %



MAT 8025 Dpa disappearance (mt102 -120) 80-Hg-196
 Cross Section -100.0 To 9999. %

