

Program Complot  
(Version 2018-1)

by

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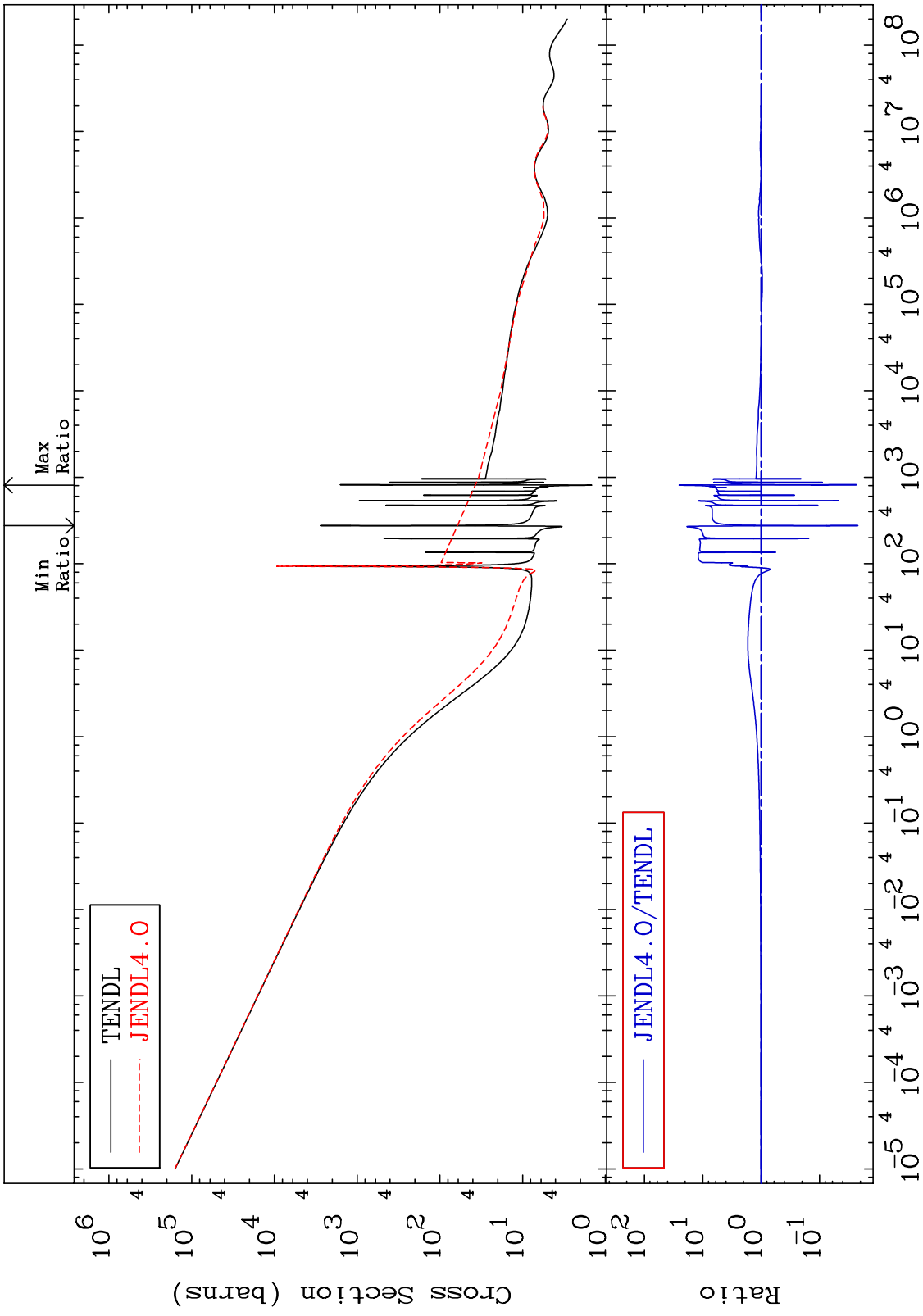
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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8025 80-Hg-196  
Total Cross Section -97.79 To 2445. %



1 80-Hg-196

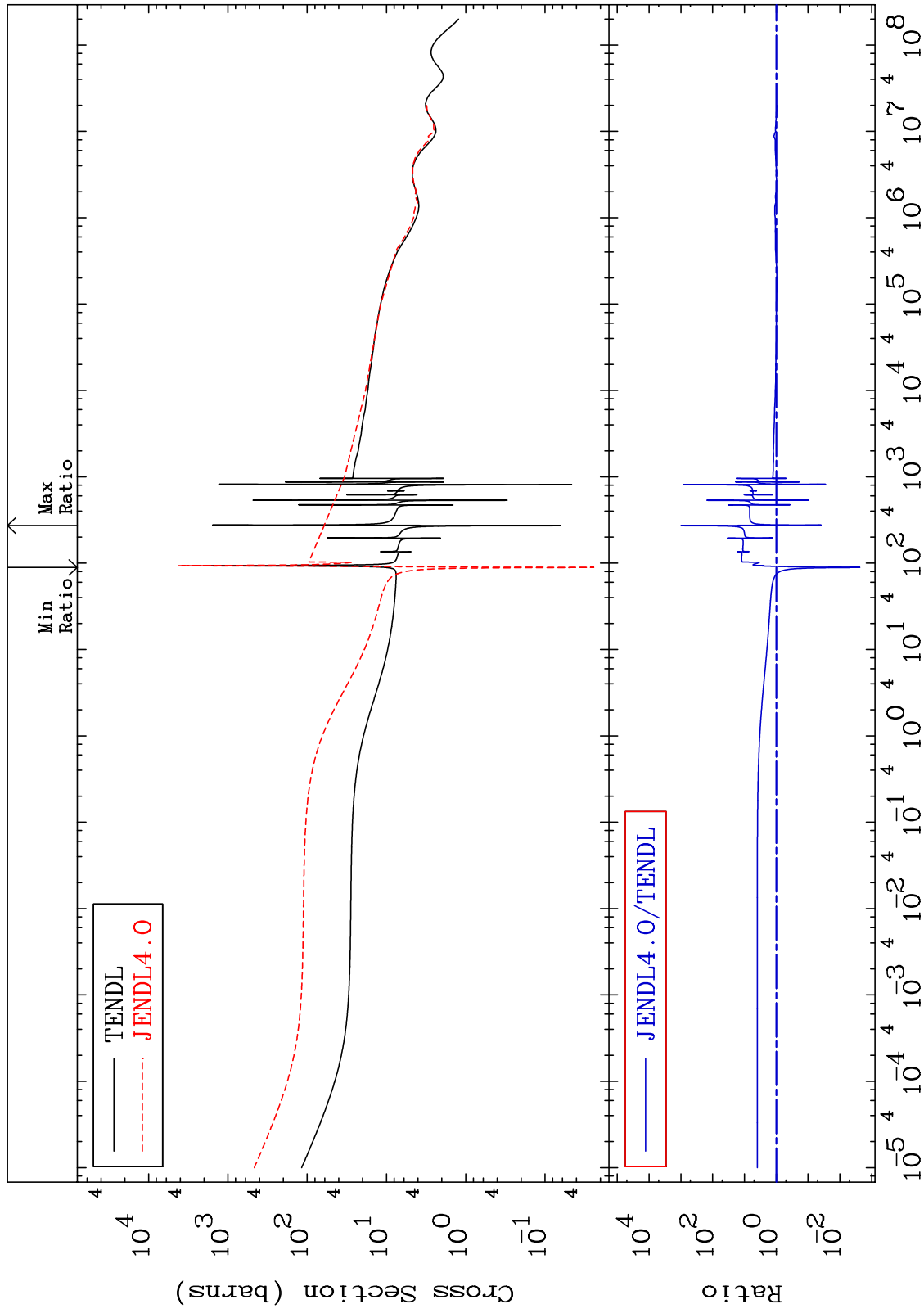
MAT 8025

Elastic

80-Hg-196

Cross Section

-99.76 To 9999. %

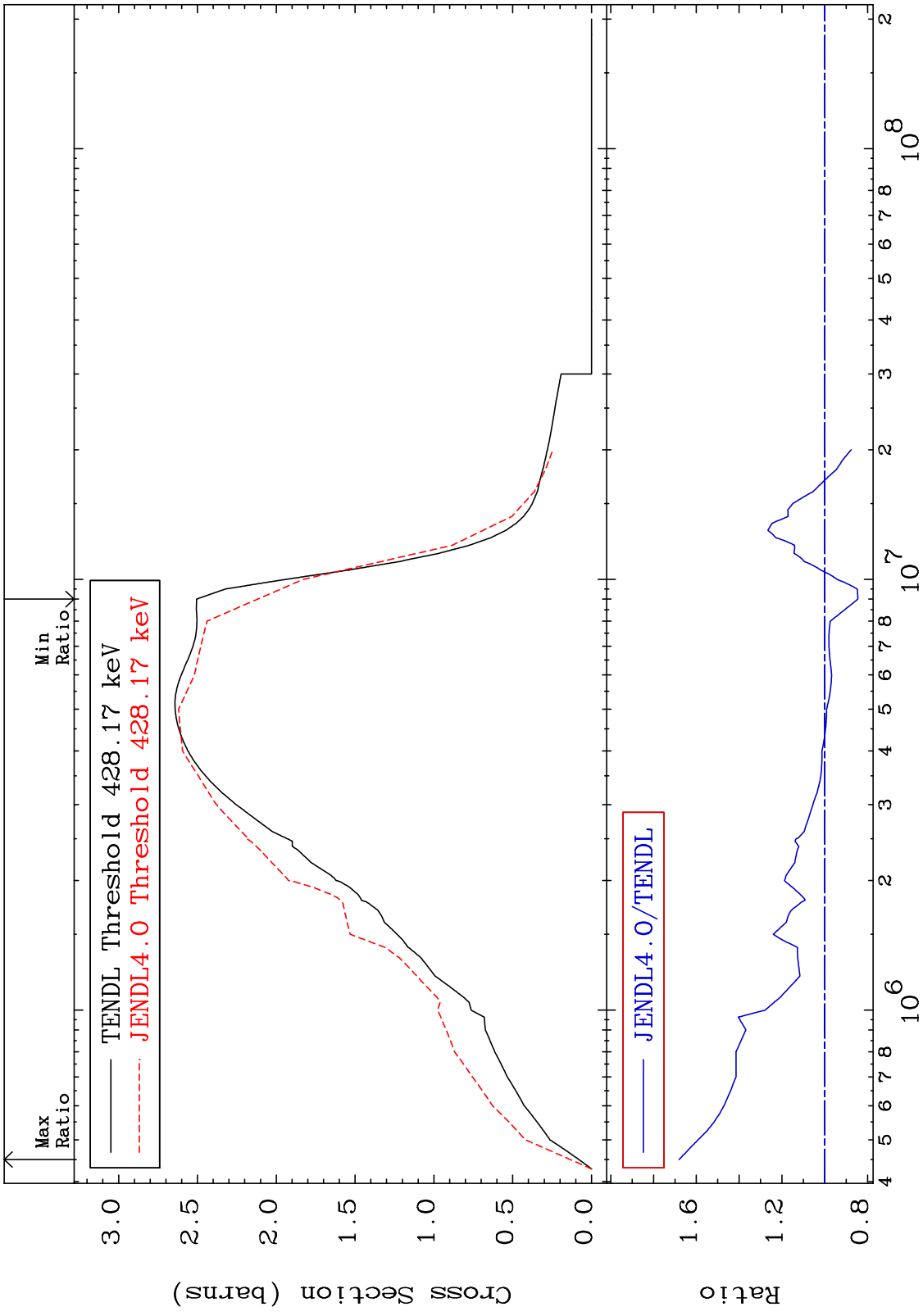


2

Incident Energy (eV)

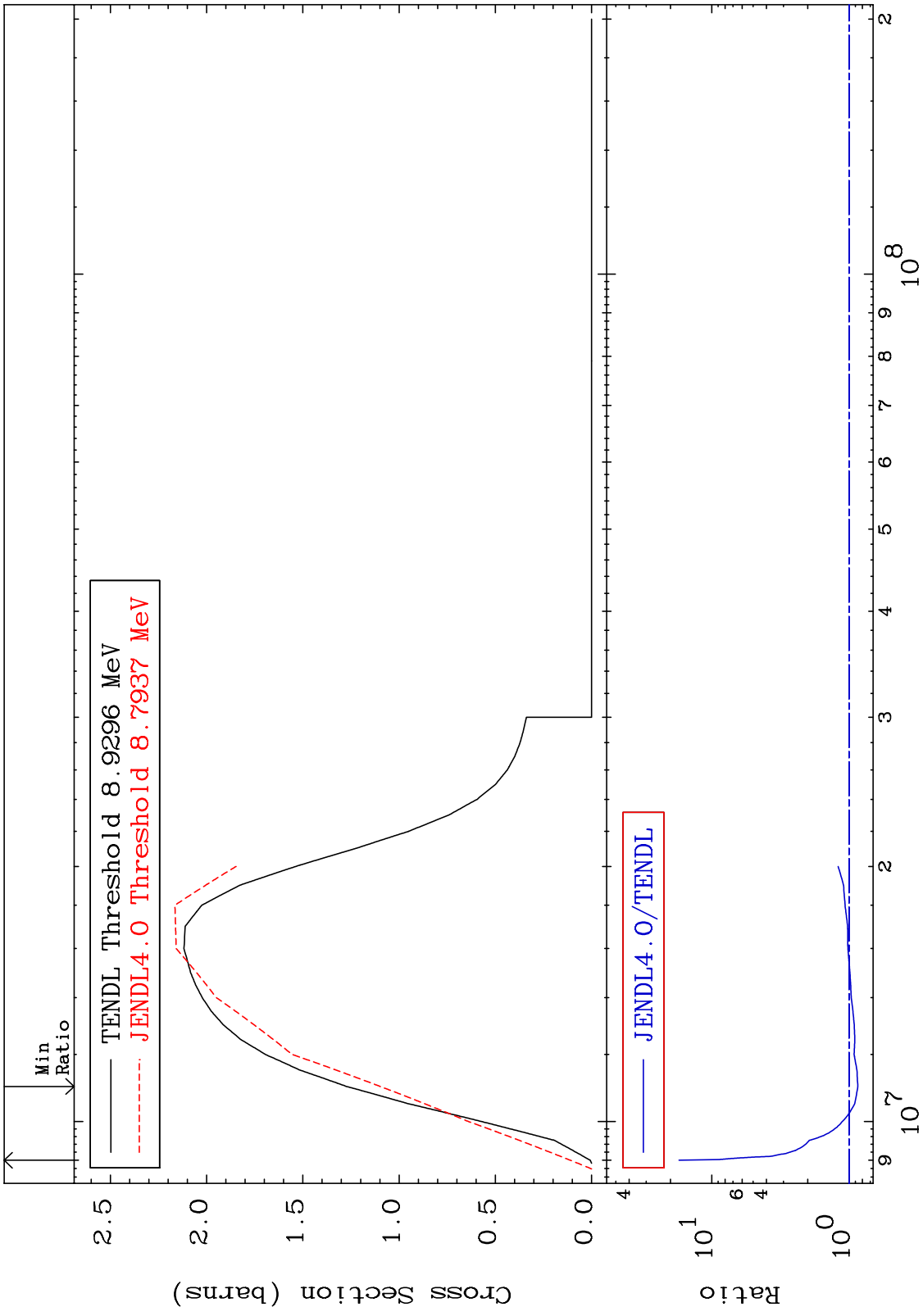
80-Hg-196

MAT 8025 Inelastic Cross Section 80-Hg-196 -15.46 To 68.09 %

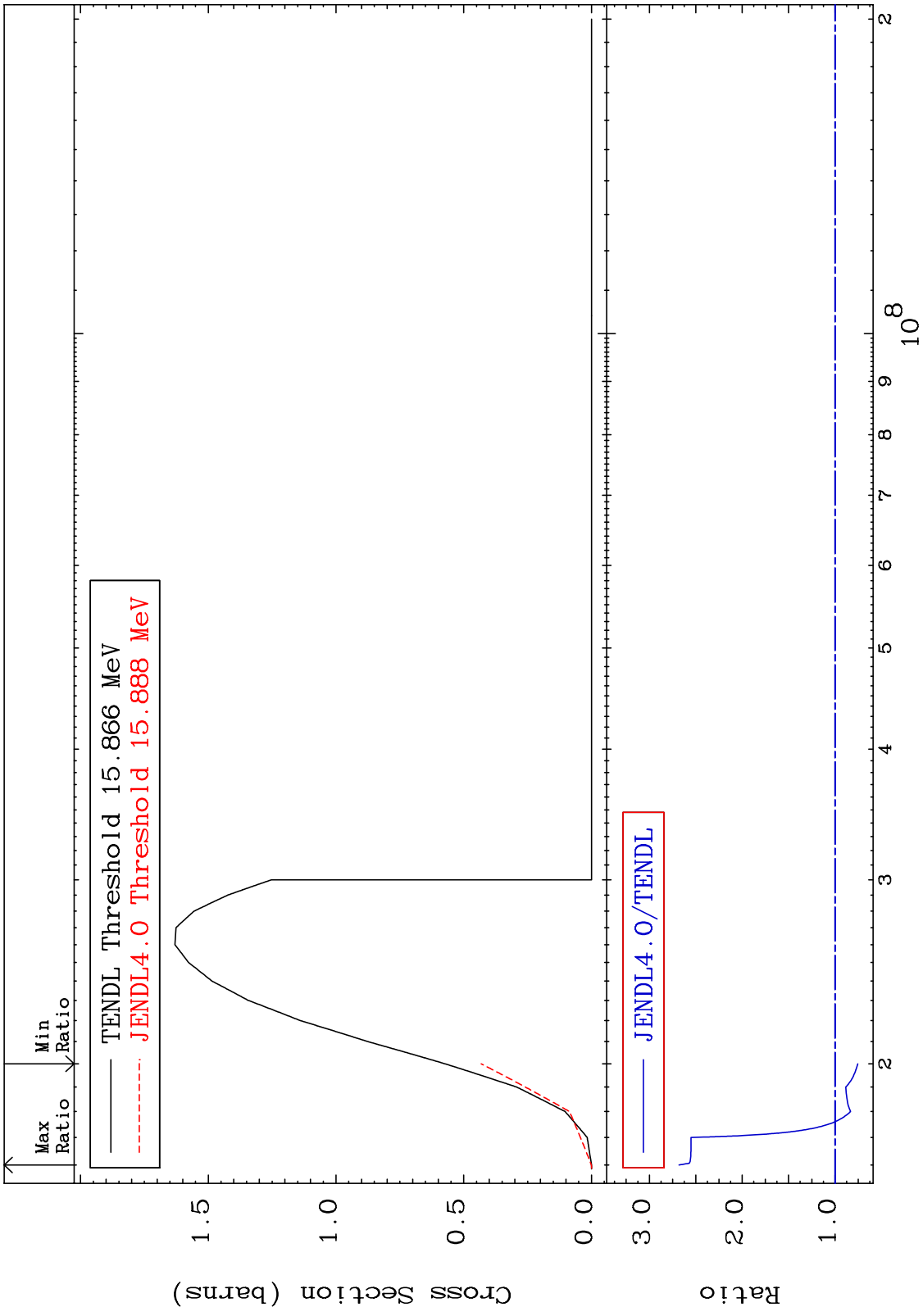


3 80-Hg-196

MAT 8025 (n,2n) Cross Section 80-Hg-196 -13.76 To 1630. %



MAT 8025 (n,3n) Cross Section 80-Hg-196 -24.63 To 168.0 %



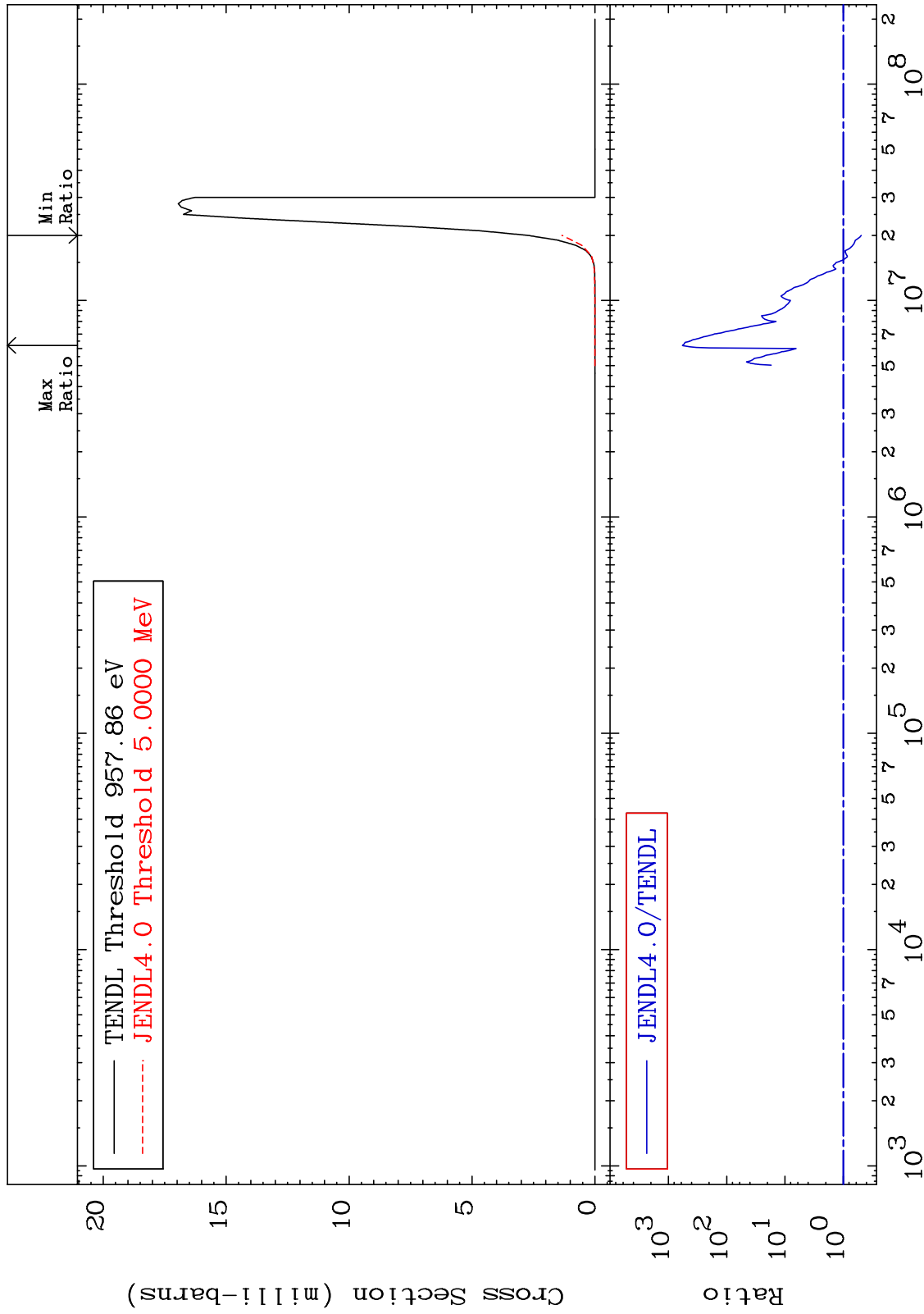
MAT 8025

$(n, n') \alpha$

80-Hg-196

Cross Section

-50.88 To 9999. %

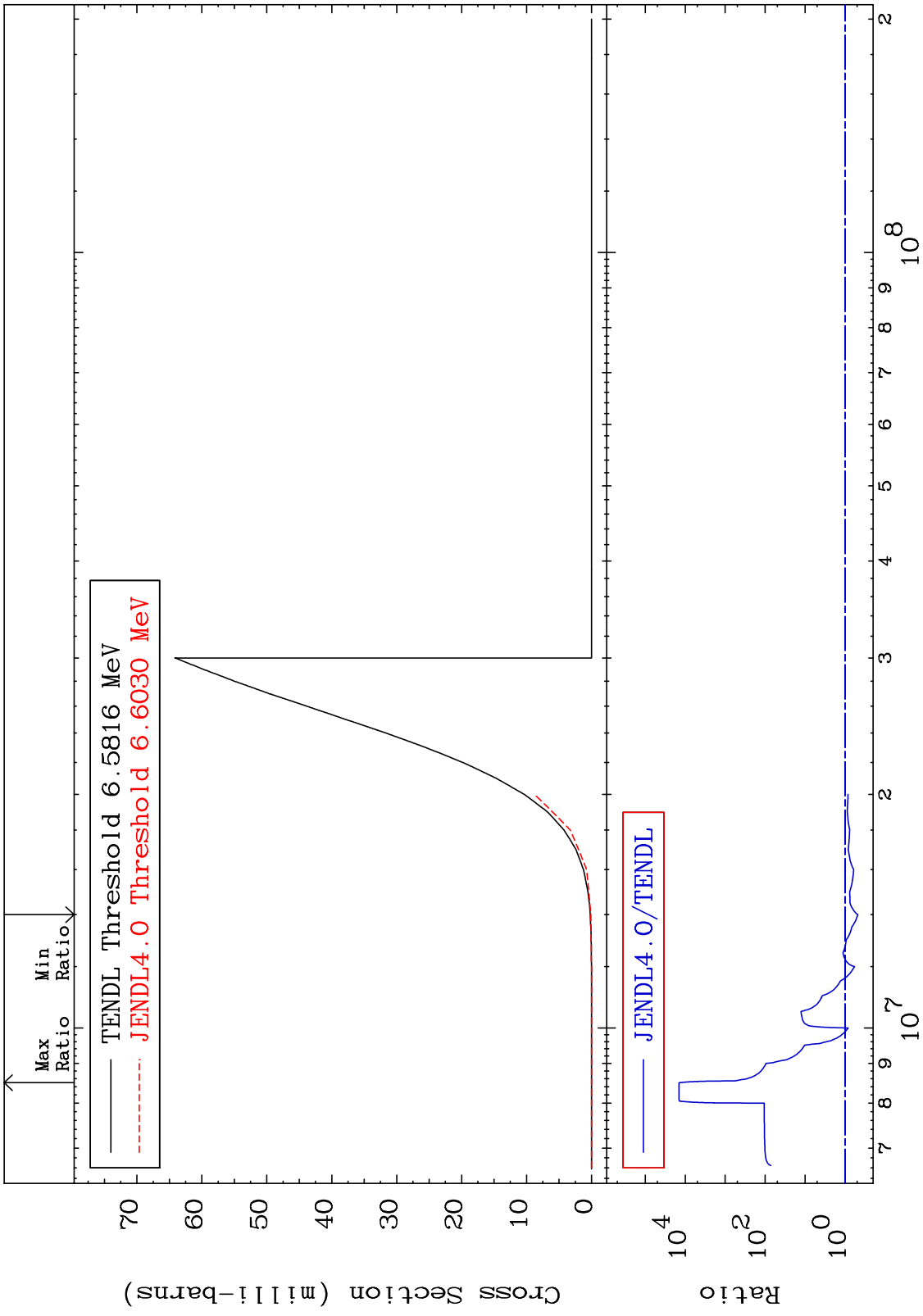


Incident Energy (eV)

80-Hg-196

6

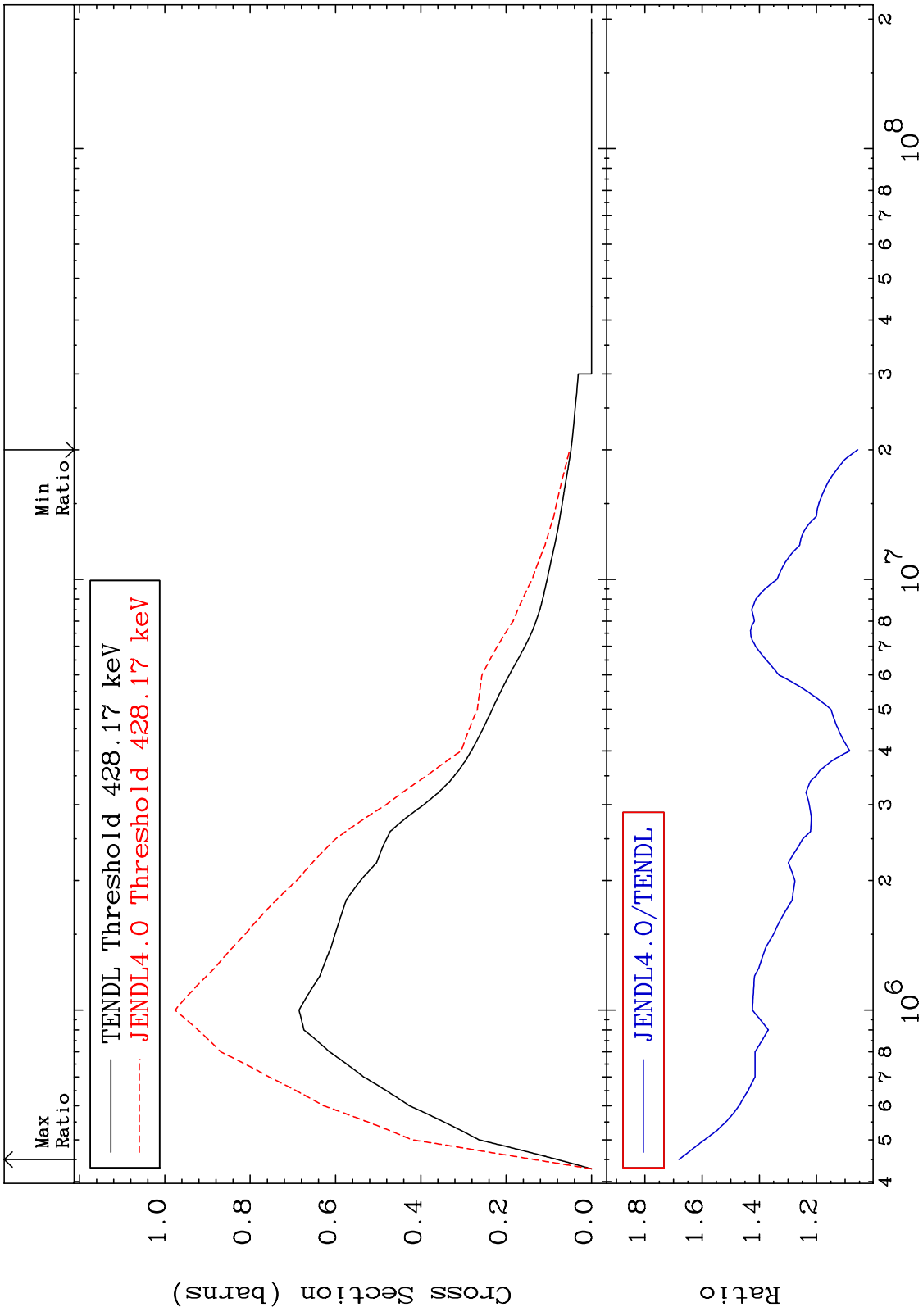
MAT 8025  $(n, n')$  p  $^{80}\text{Hg-196}$   
 Cross Section -51.73 To 9999. %



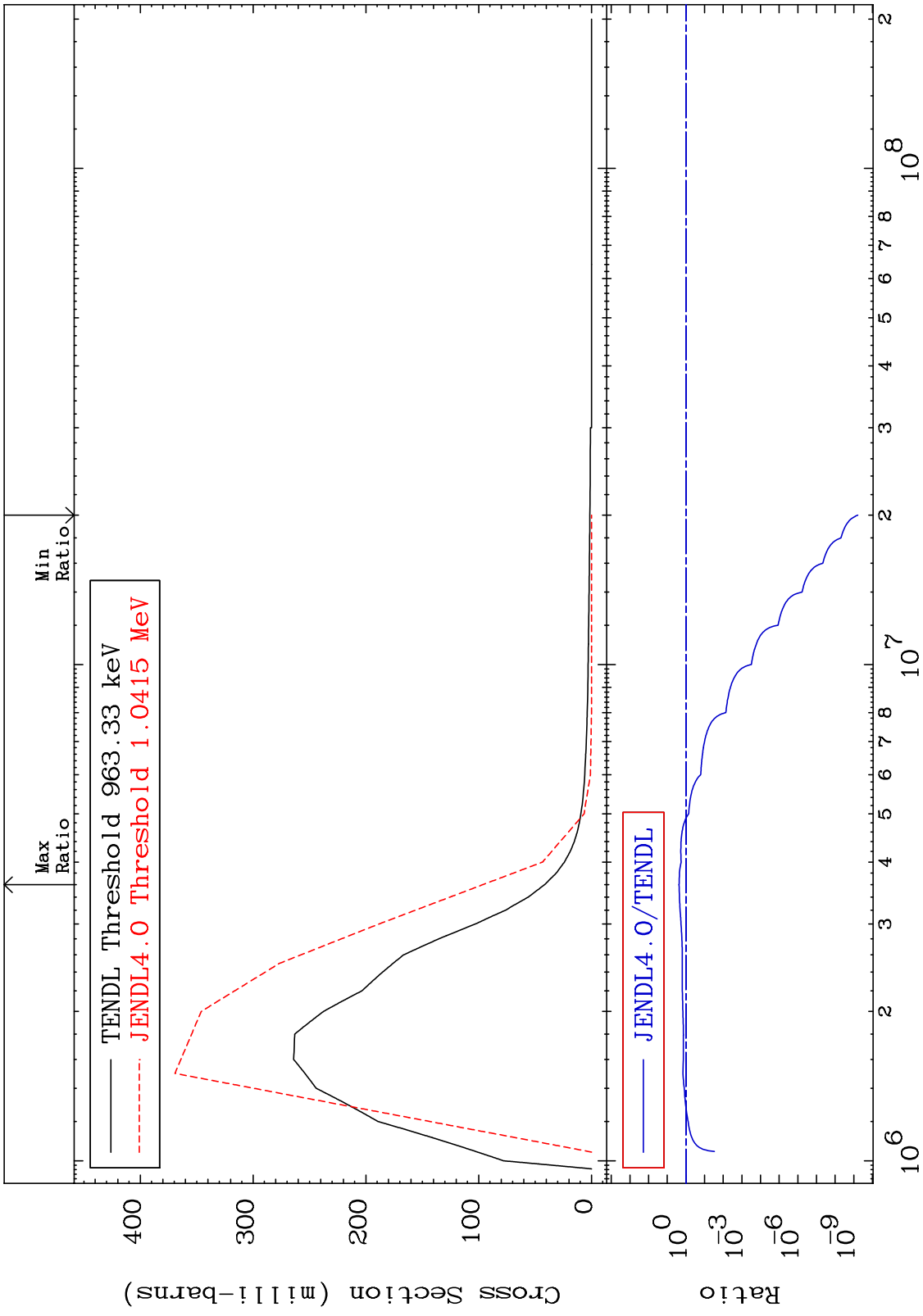
7 Incident Energy (eV)  $^{80}\text{Hg-196}$



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

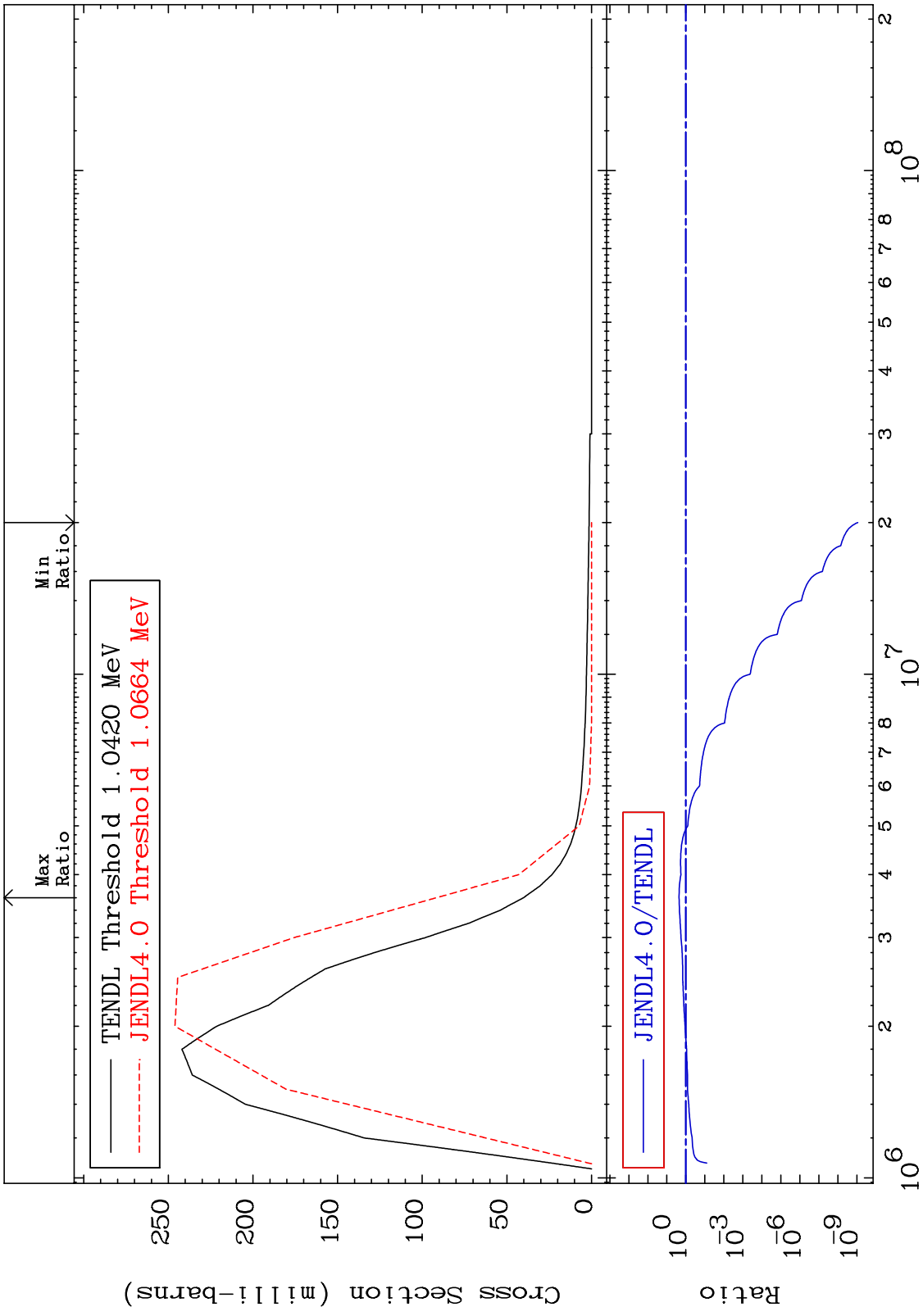


MAT 8025 MT= 52 (n,n') Level Cross Section -100.0 To 132.4 % 80-Hg-196



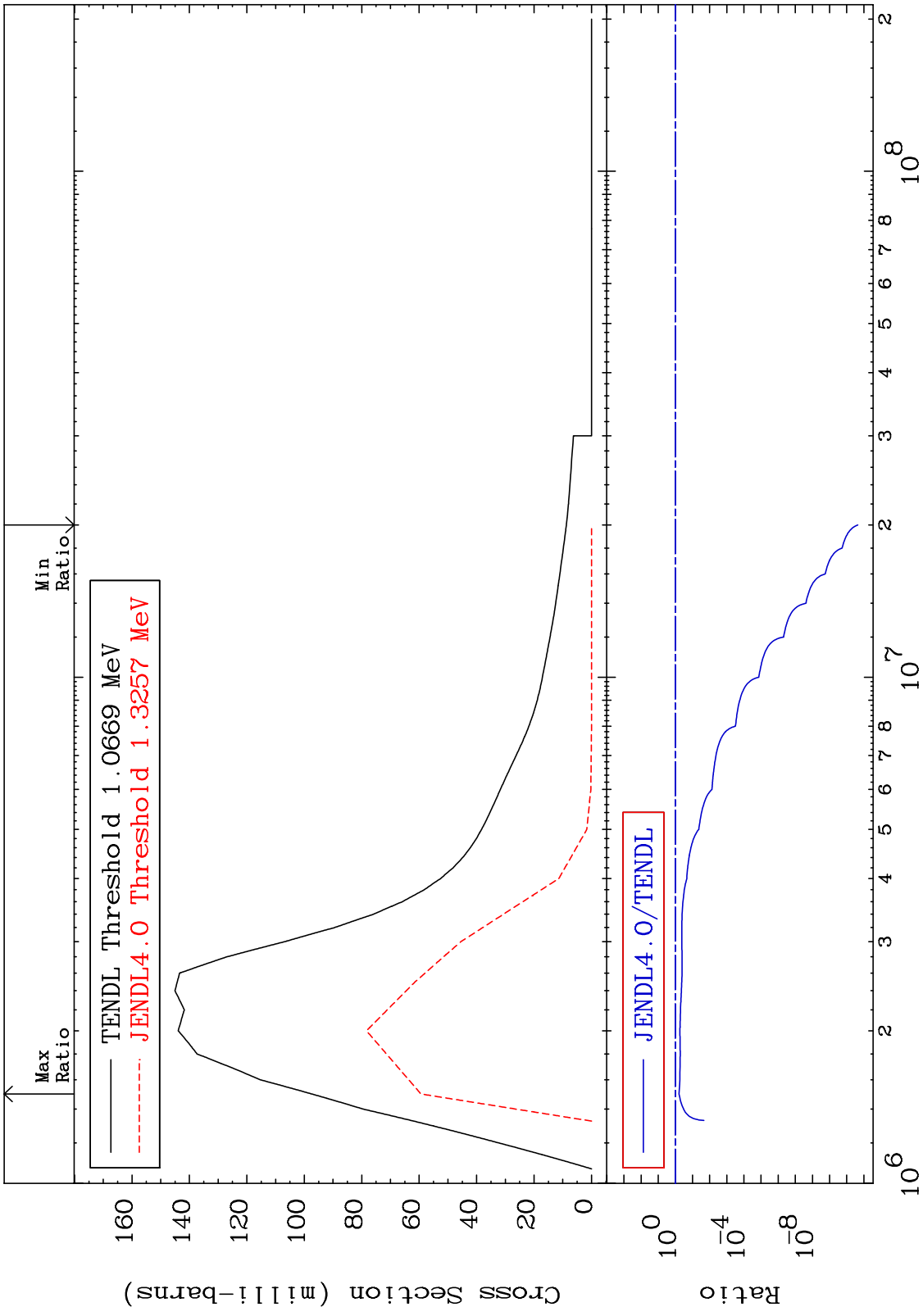
80-Hg-196

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

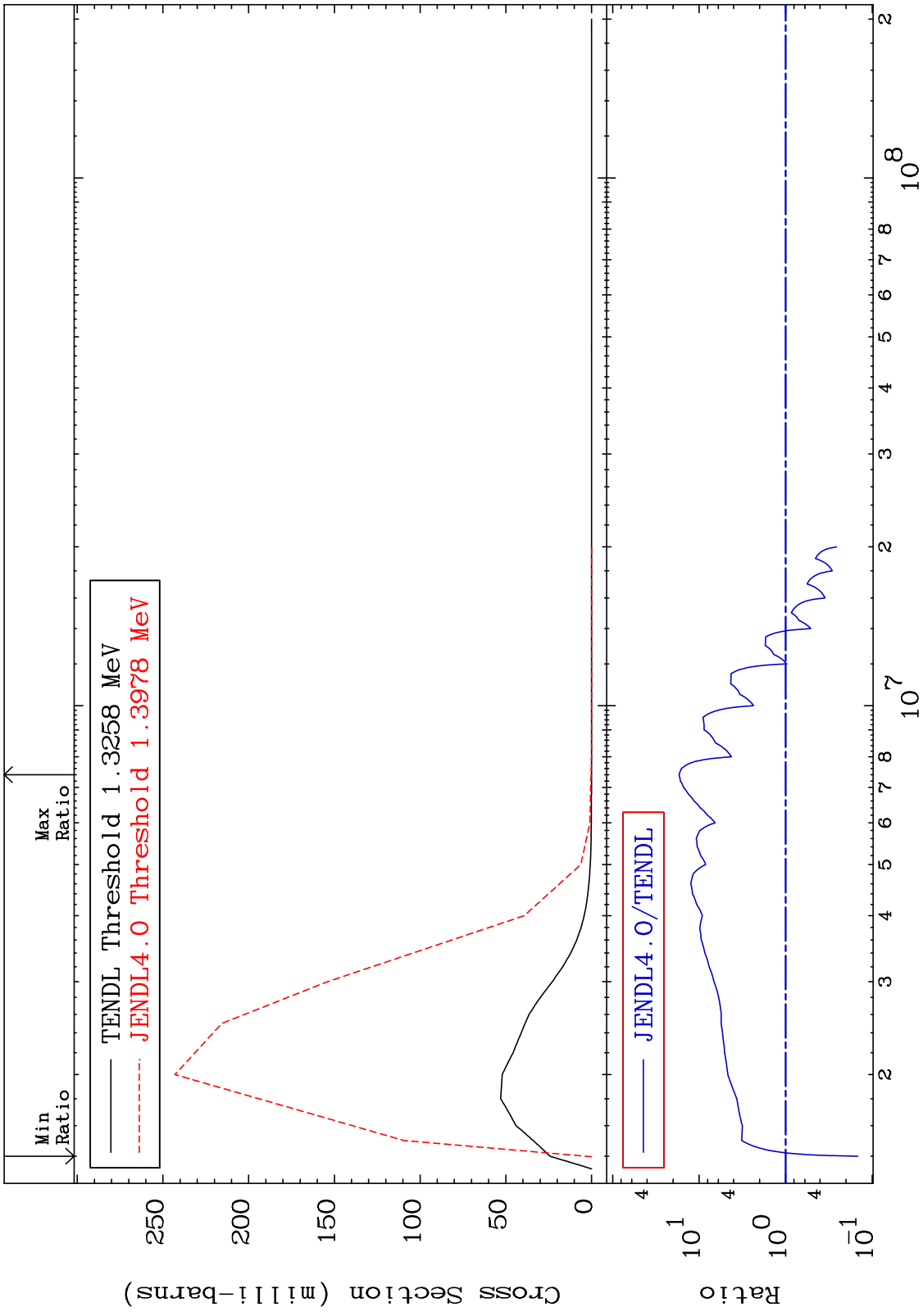


80-Hg-196

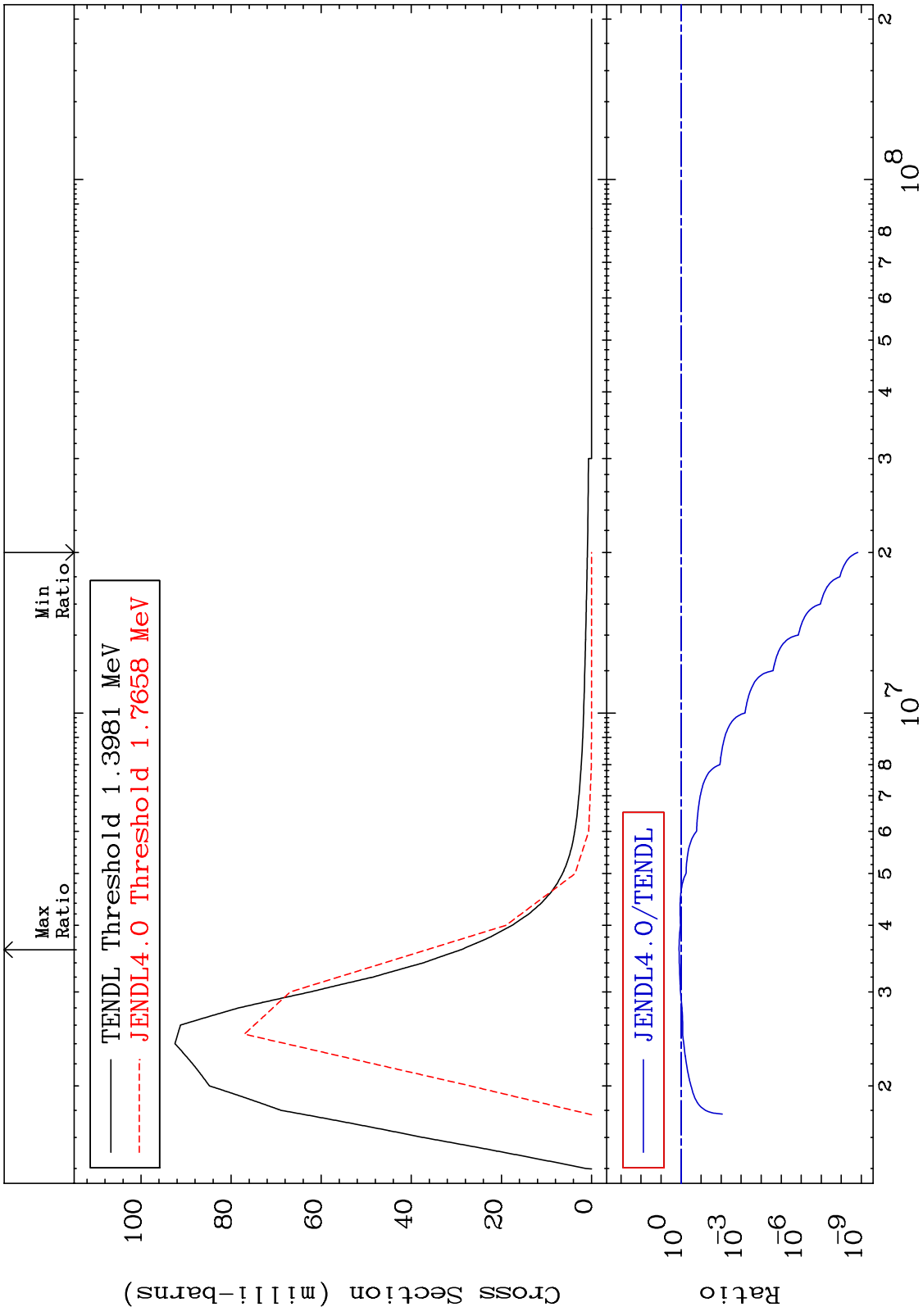
MAT 8025 MT= 54 (n,n') Level Cross Section -100.0 To -39.01% 80-Hg-196



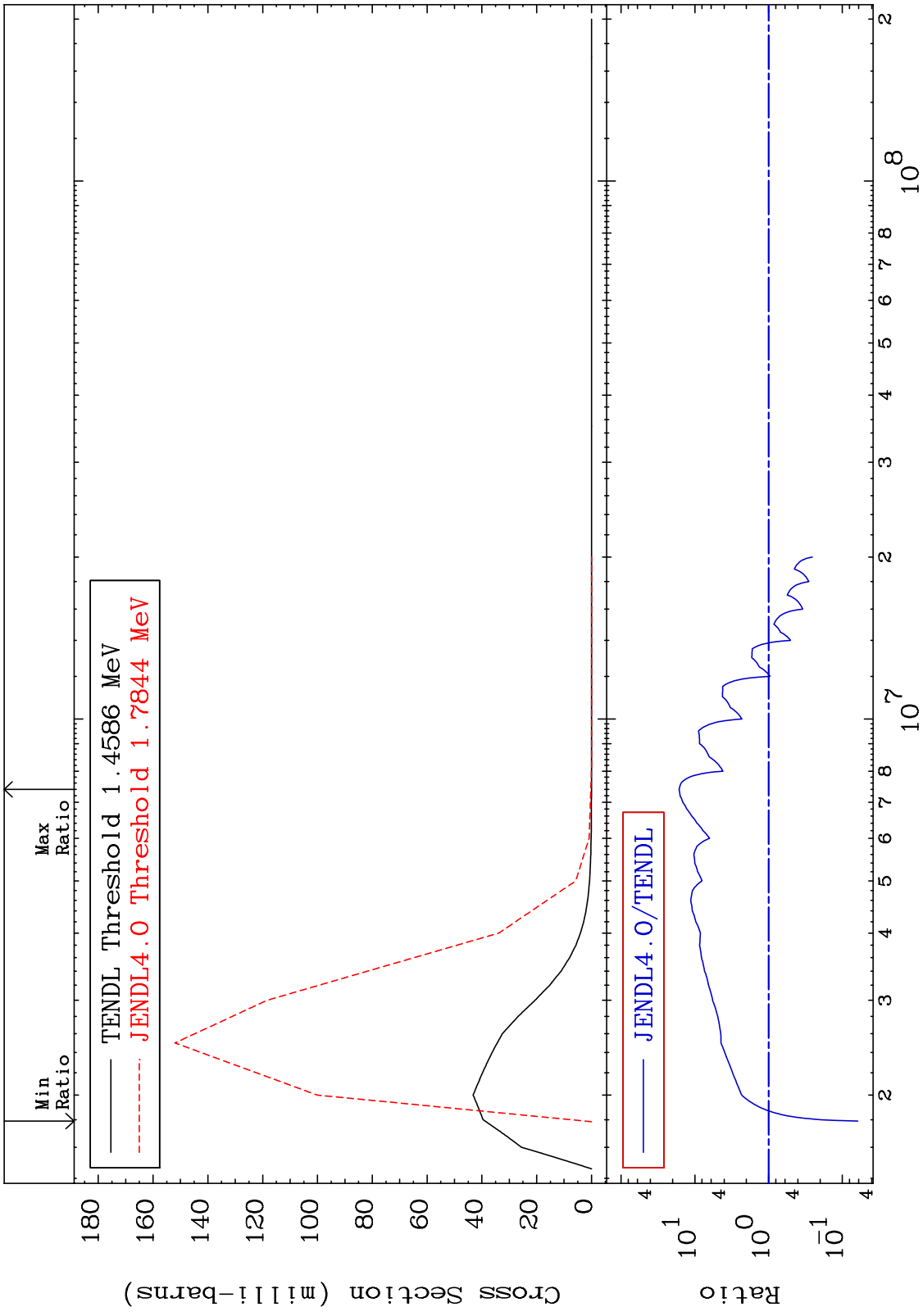
MAT 8025 MT= 55 (n,n') Level Cross Section -85.38 To 1607. % 80-Hg-196



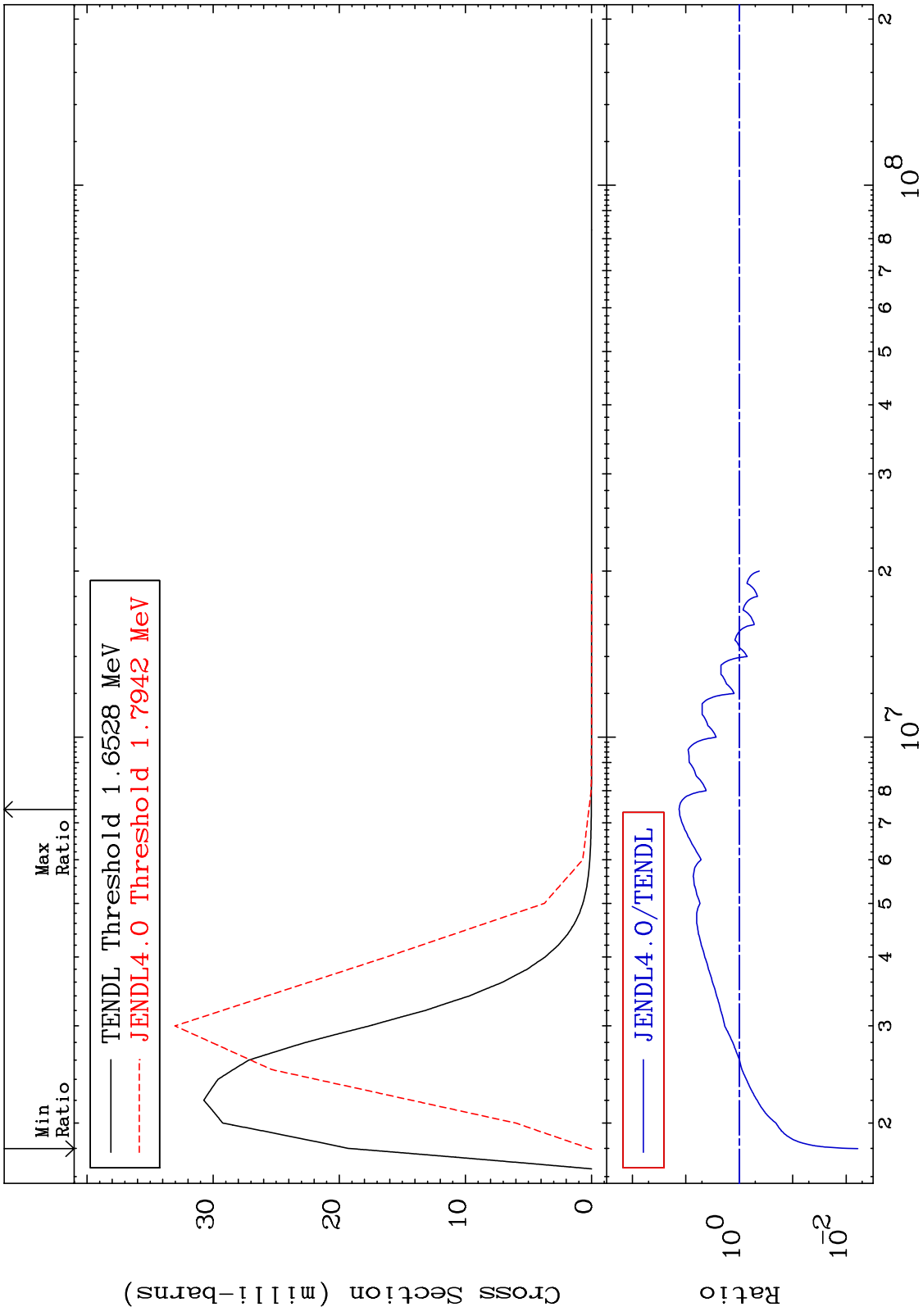
MAT 8025 MT= 56 (n,n') Level Cross Section -100.0 To 26.17 % 80-Hg-196



MAT 8025 MT= 57 (n,n') Level Cross Section 80-Hg-196 -93.84 To 1537. %

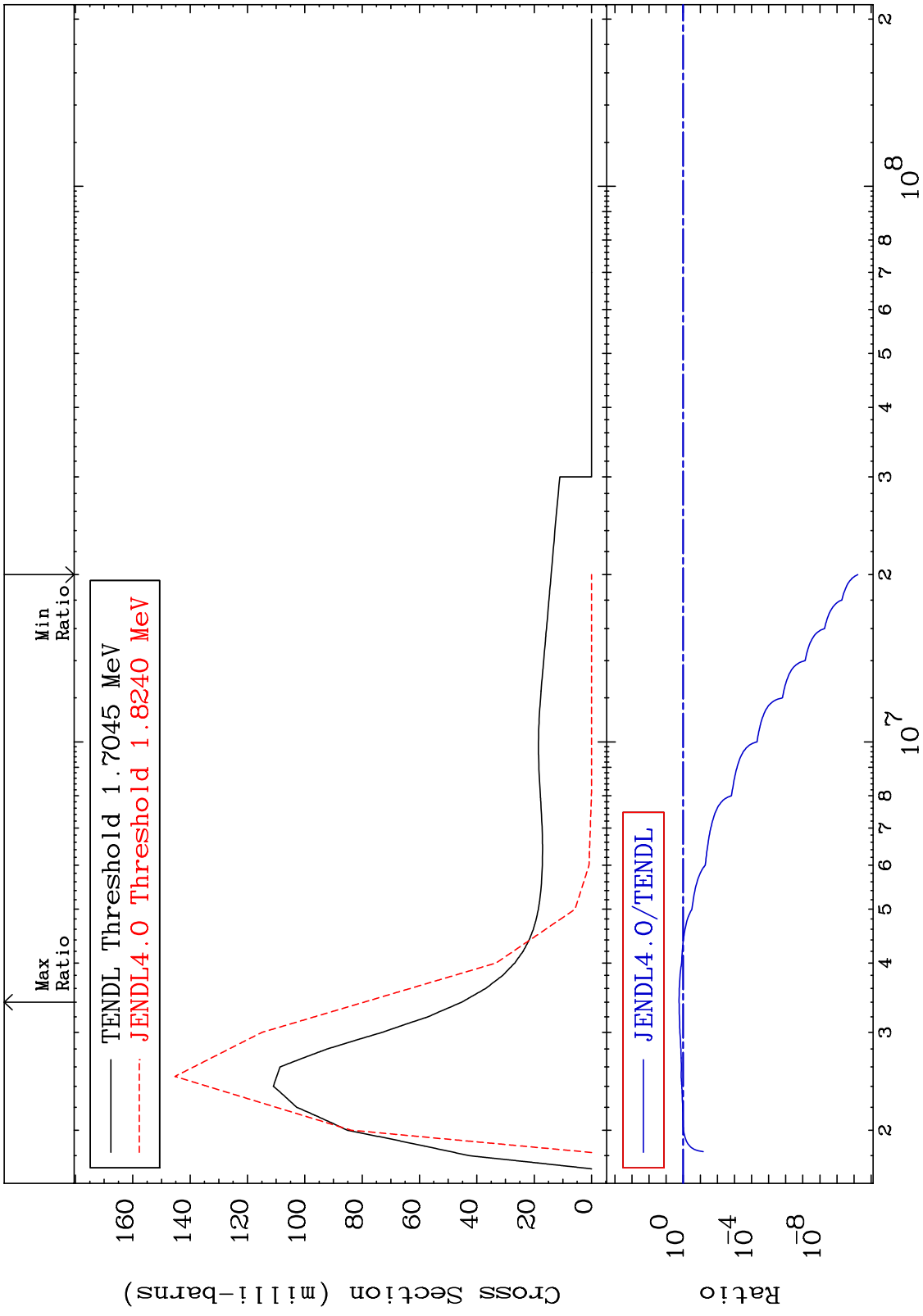


MAT 8025 MT= 58 (n,n') Level Cross Section -99.40 To 1241. % 80-Hg-196

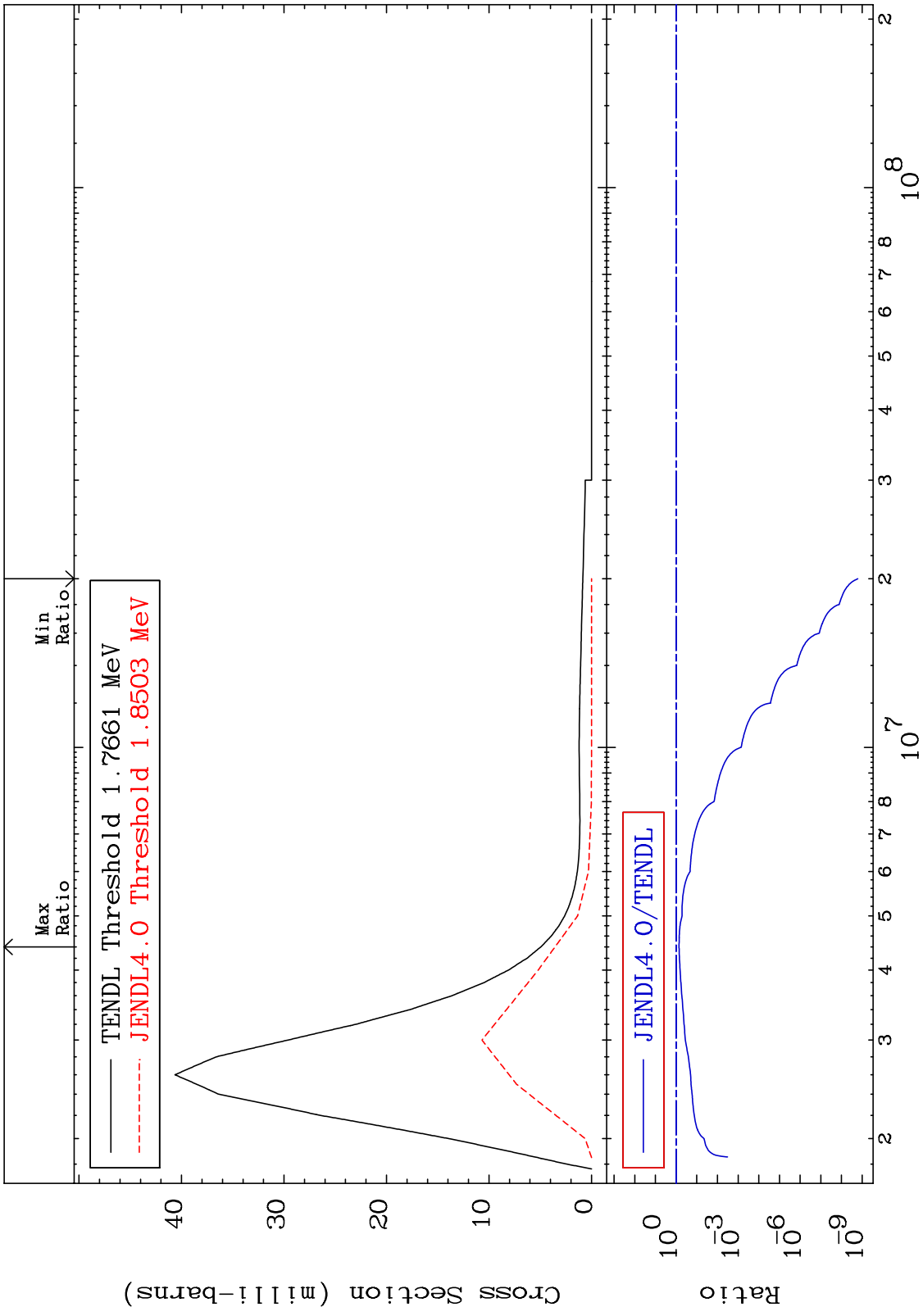




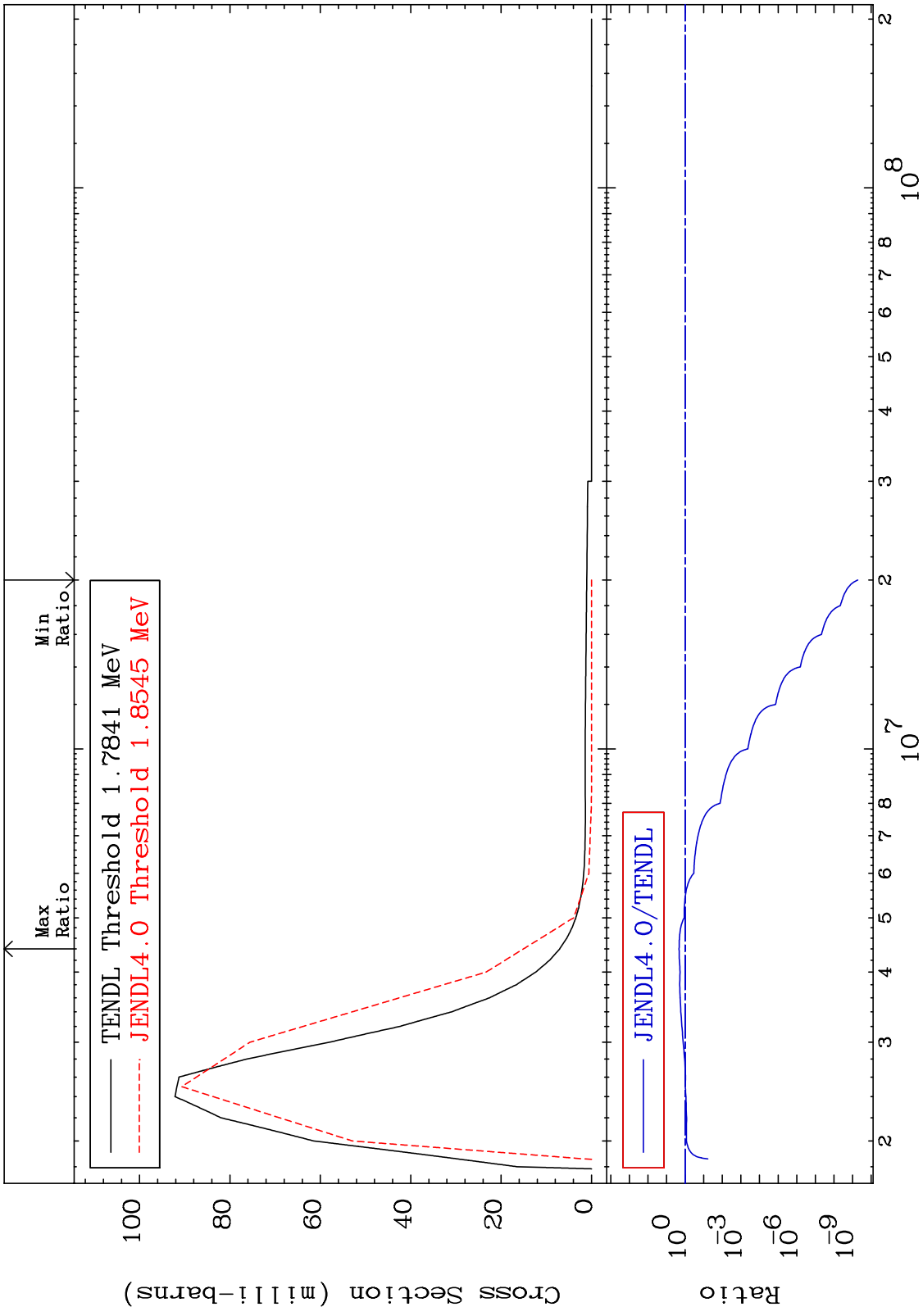
MAT 8025 MT= 59 (n,n') Level Cross Section -100.0 To 75.56 % 80-Hg-196



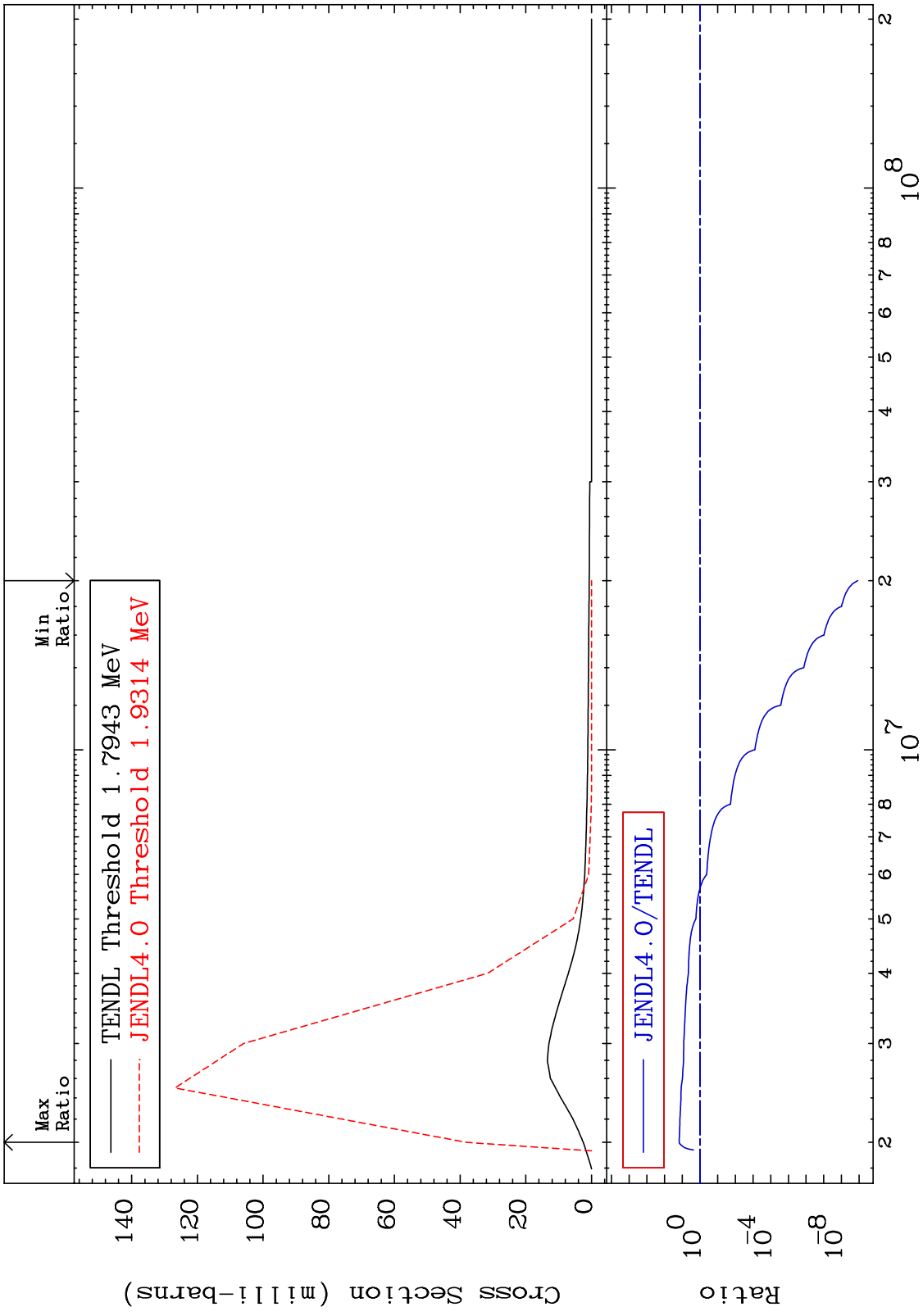
MAT 8025 MT= 60 (n,n') Level Cross Section 80-Hg-196  
 -100.0 To -27.92%



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



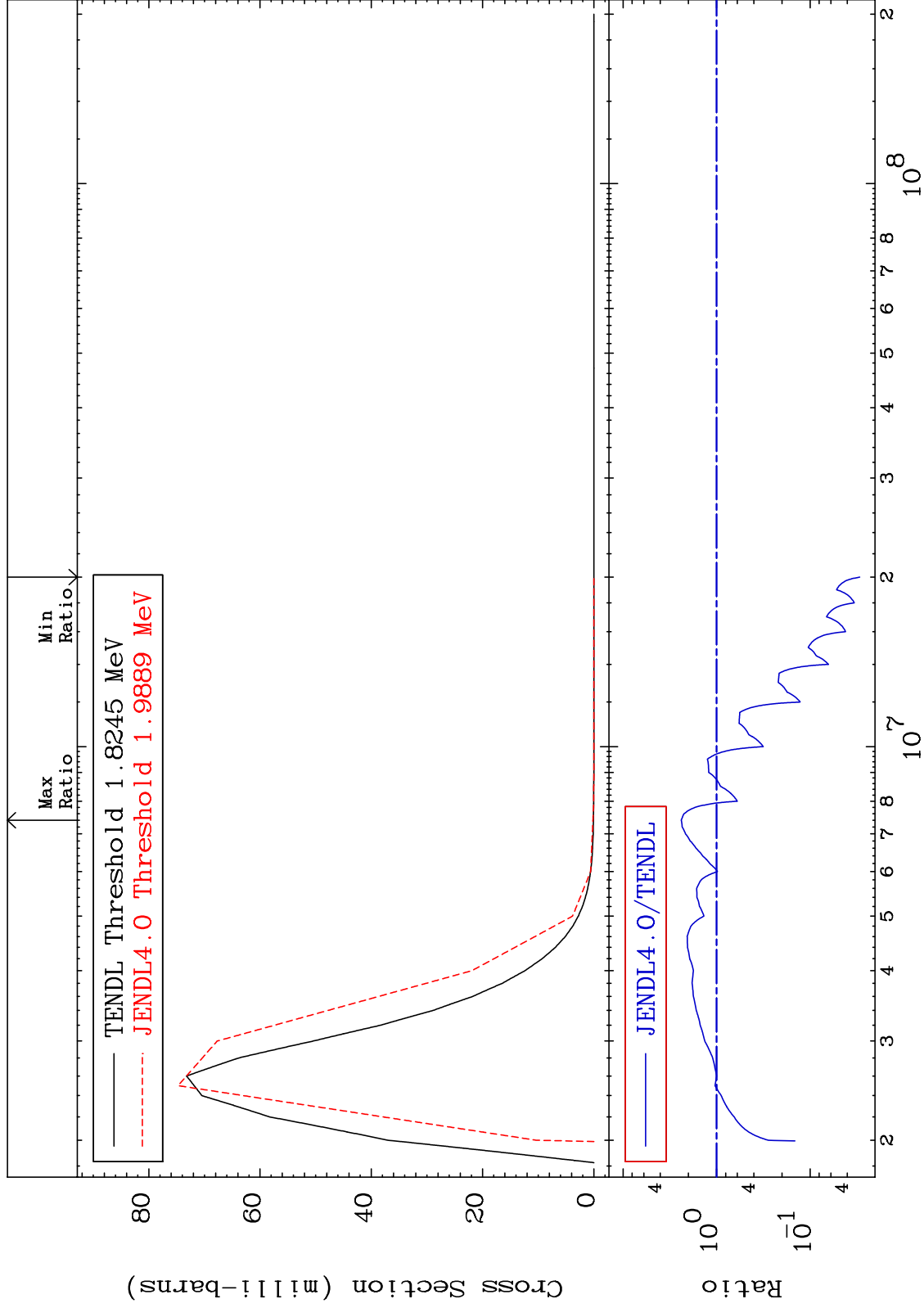
MAT 8025 MT= 62 (n,n') Level Cross Section 80-Hg-196  
 -100.0 To 1415. %



MAT 8025

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

80-Hg-196  
-97.05 To 138.9 %

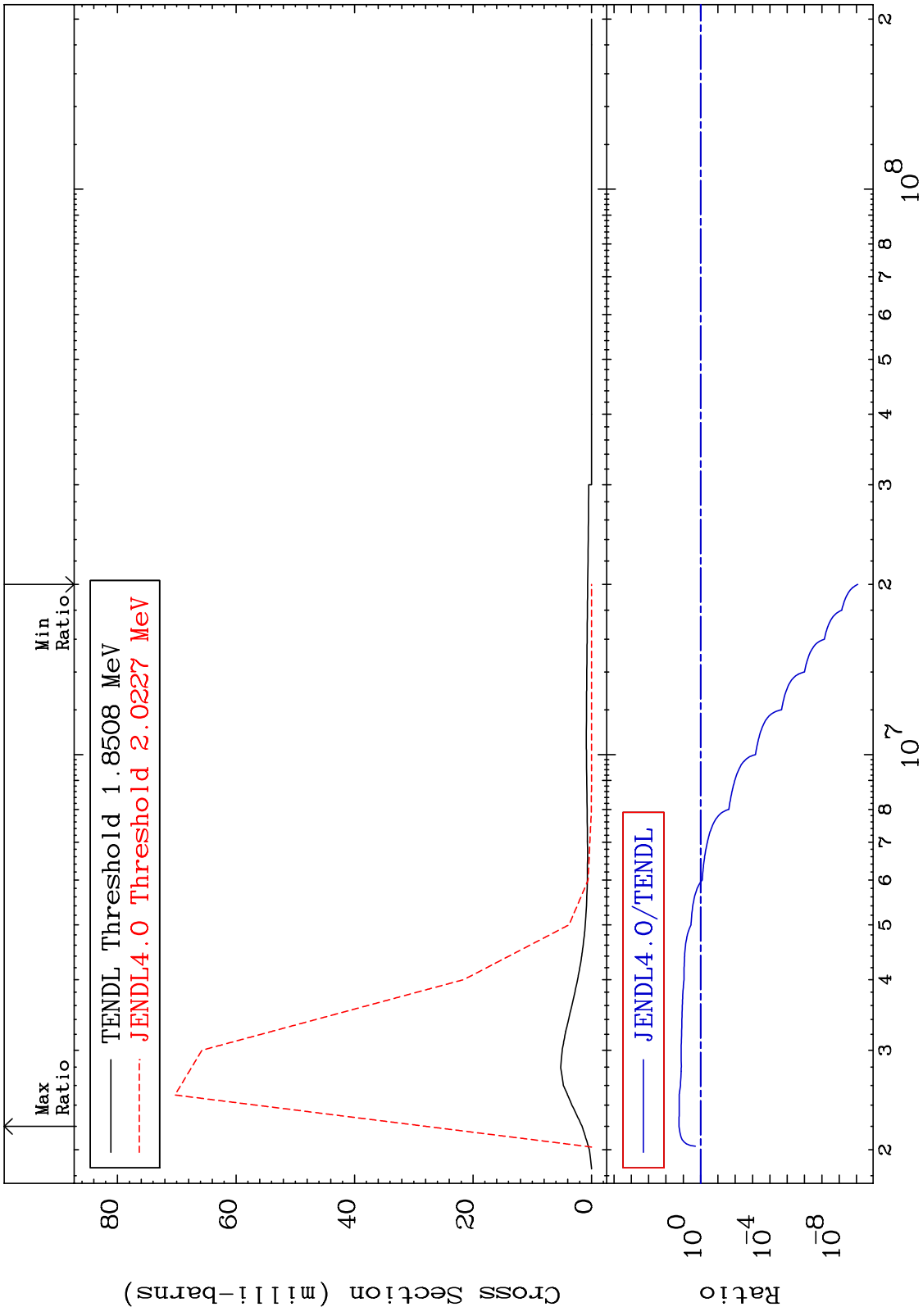


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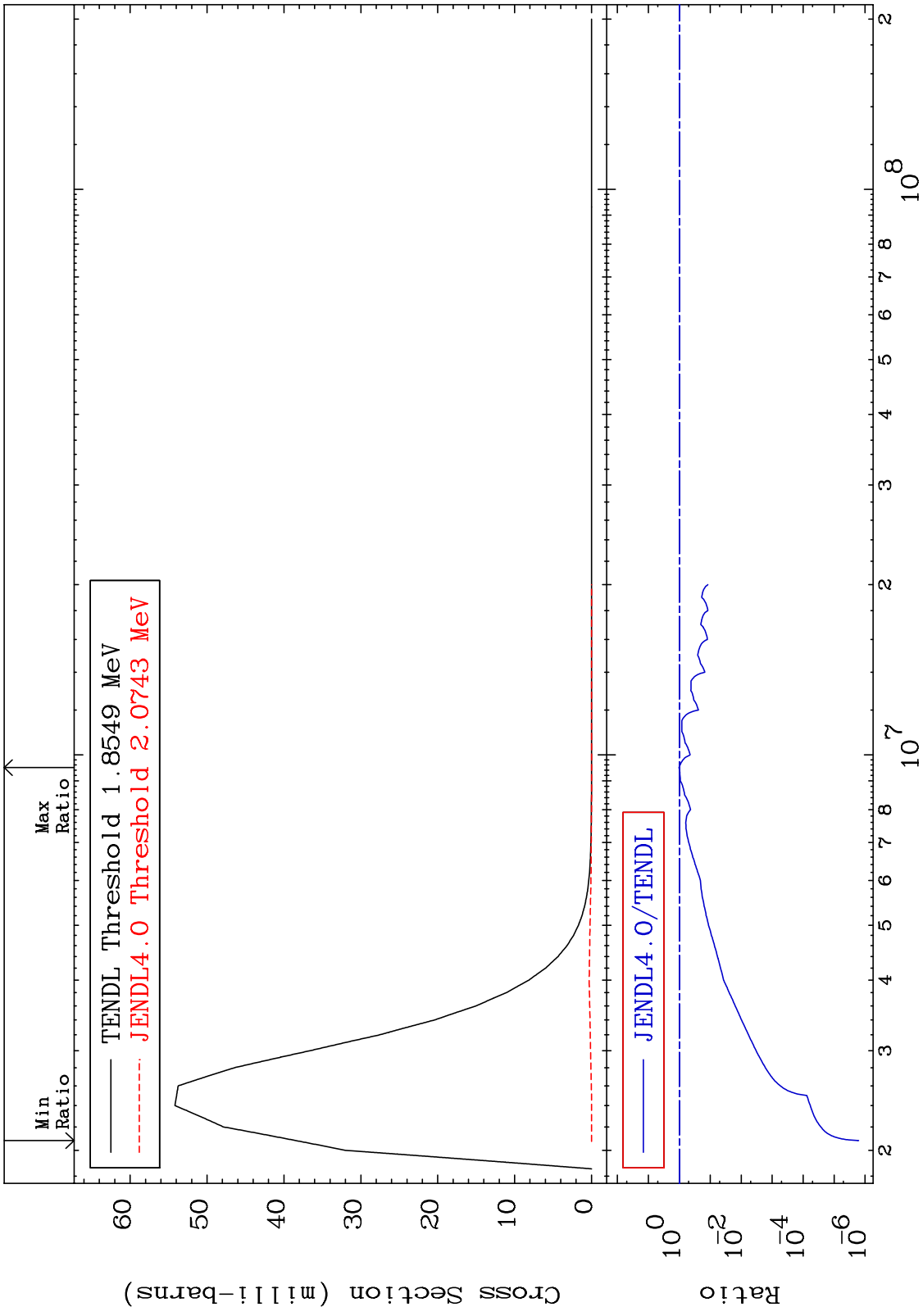
80-Hg-196

80-Hg-196

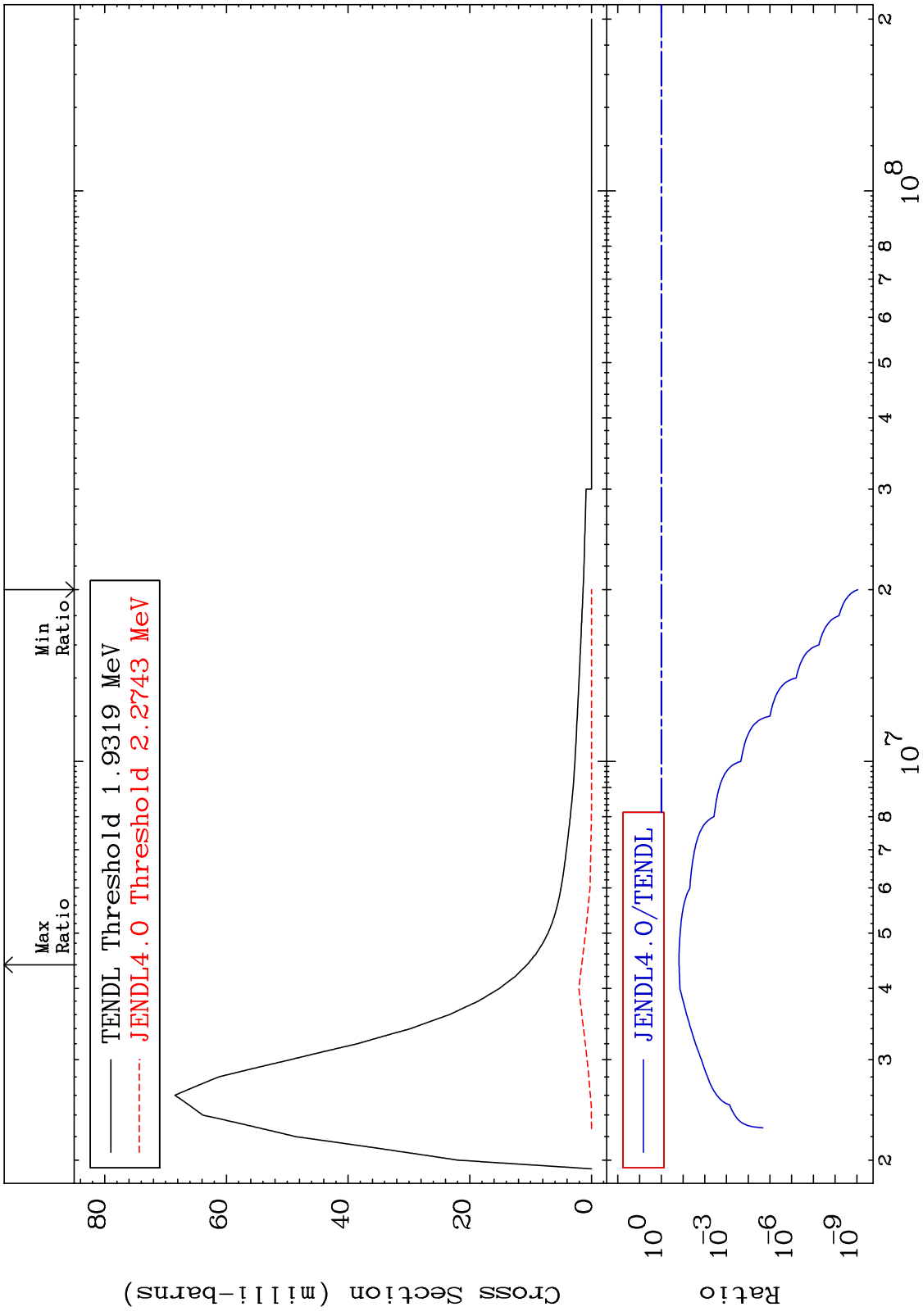
MAT 8025 MT= 64 (n,n') Level Cross Section -100.0 To 1653. % 80-Hg-196



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

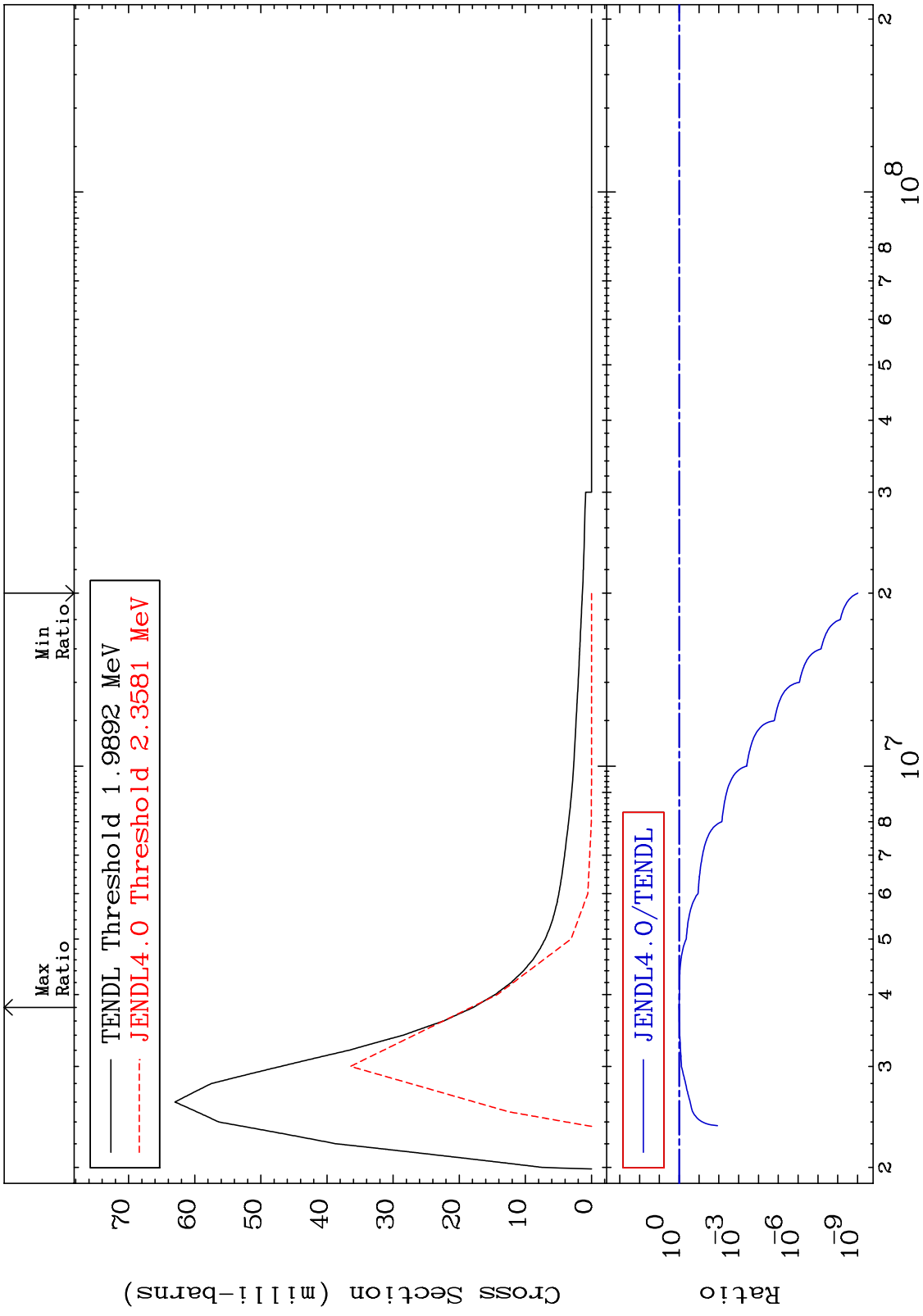


MAT 8025 MT= 66 (n,n') Level Cross Section 80-Hg-196  
 -100.0 To -84.75%

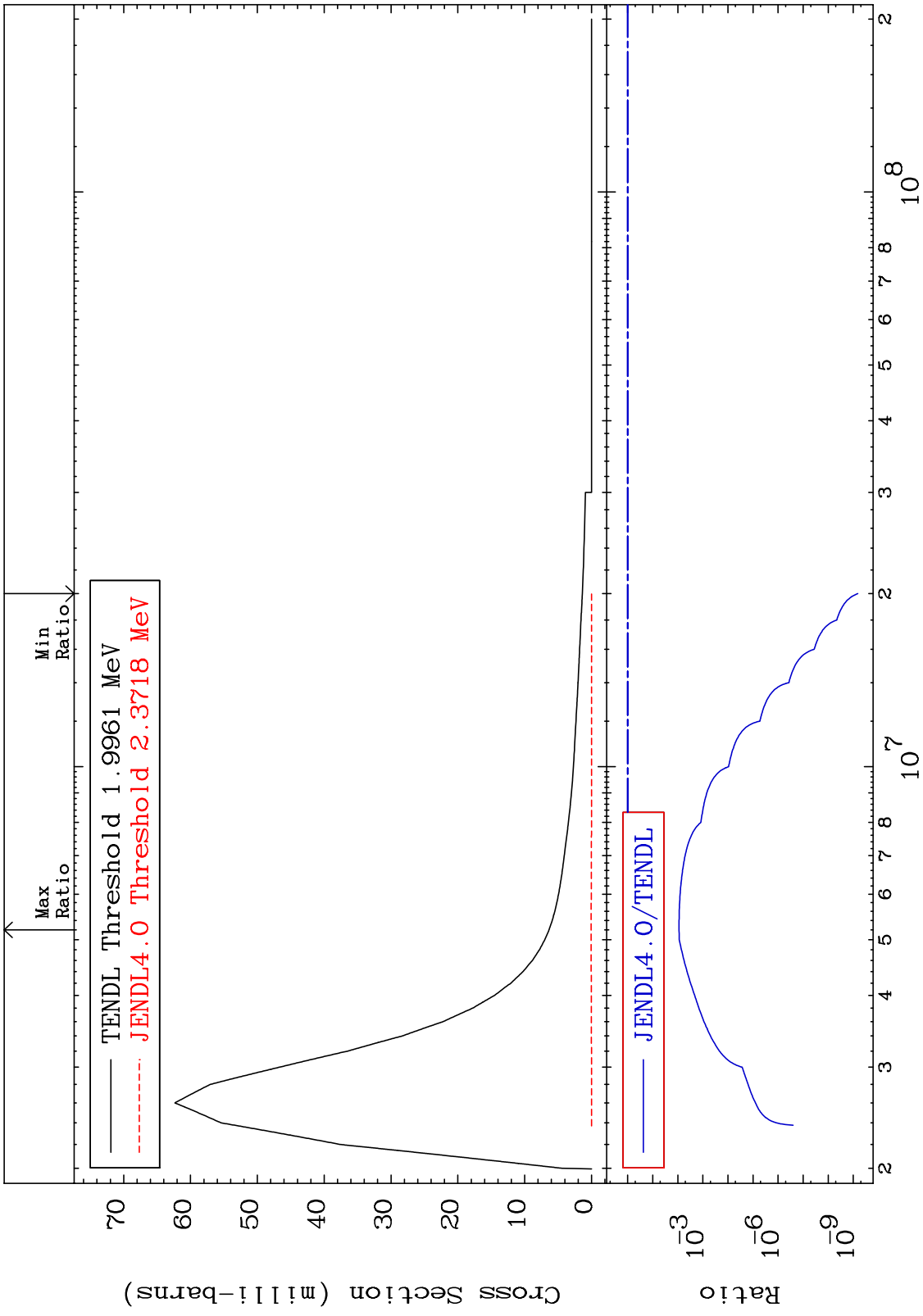




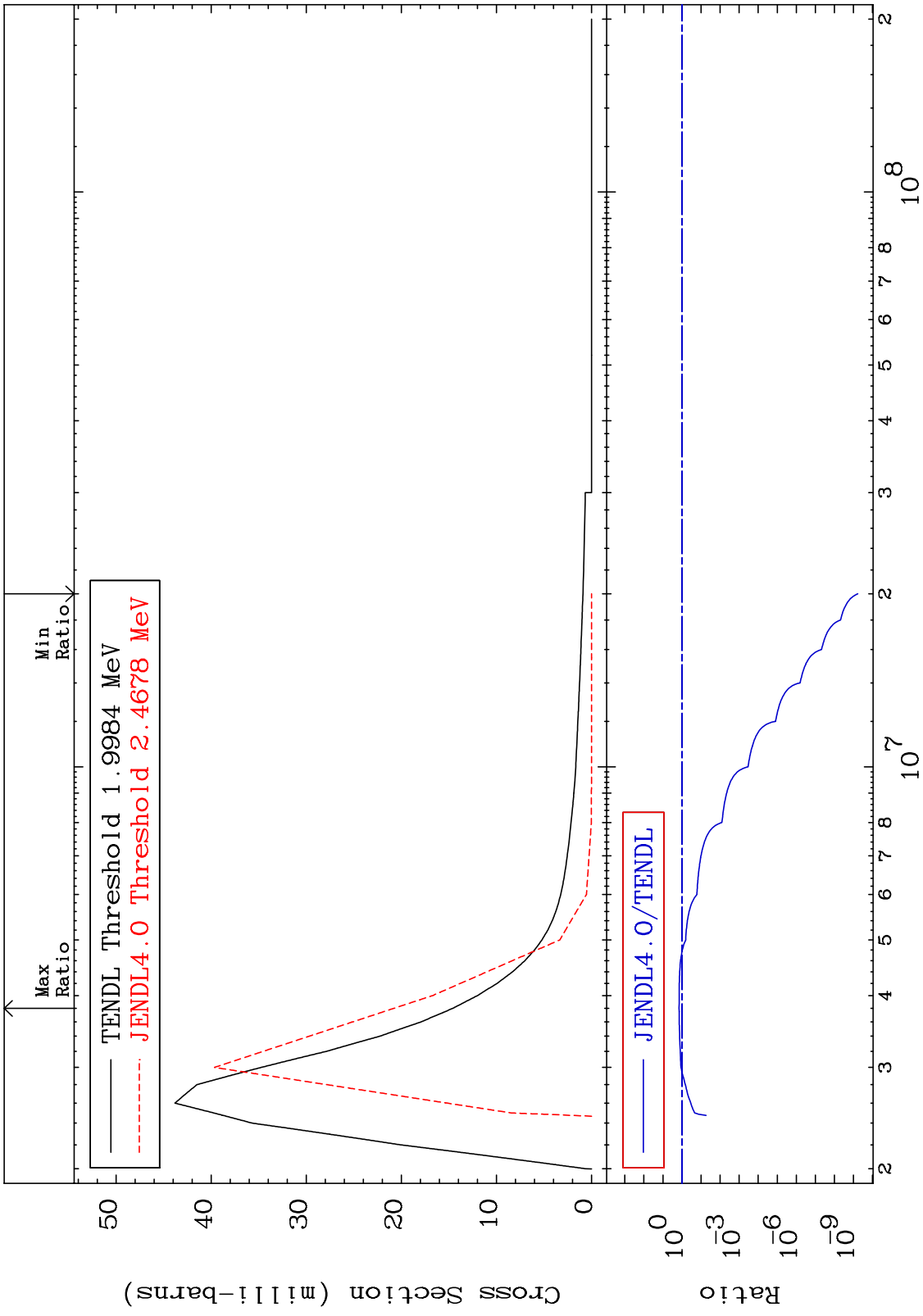
MAT 8025 MT= 67 (n,n') Level Cross Section 80-Hg-196  
 -100.0 To 1.972 %



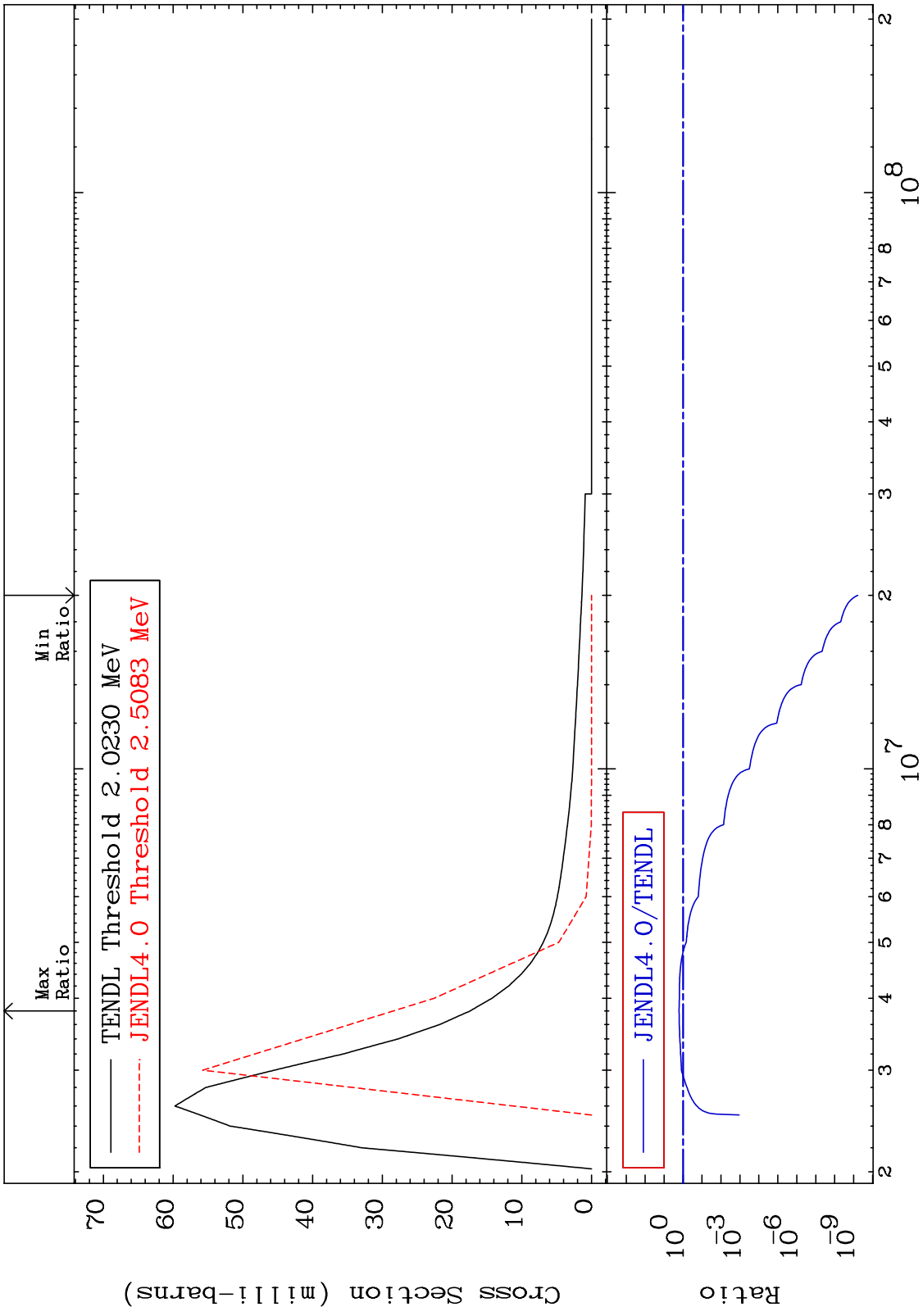
MAT 8025 MT= 68 (n,n') Level Cross Section -100.0 To -99.11% 80-Hg-196



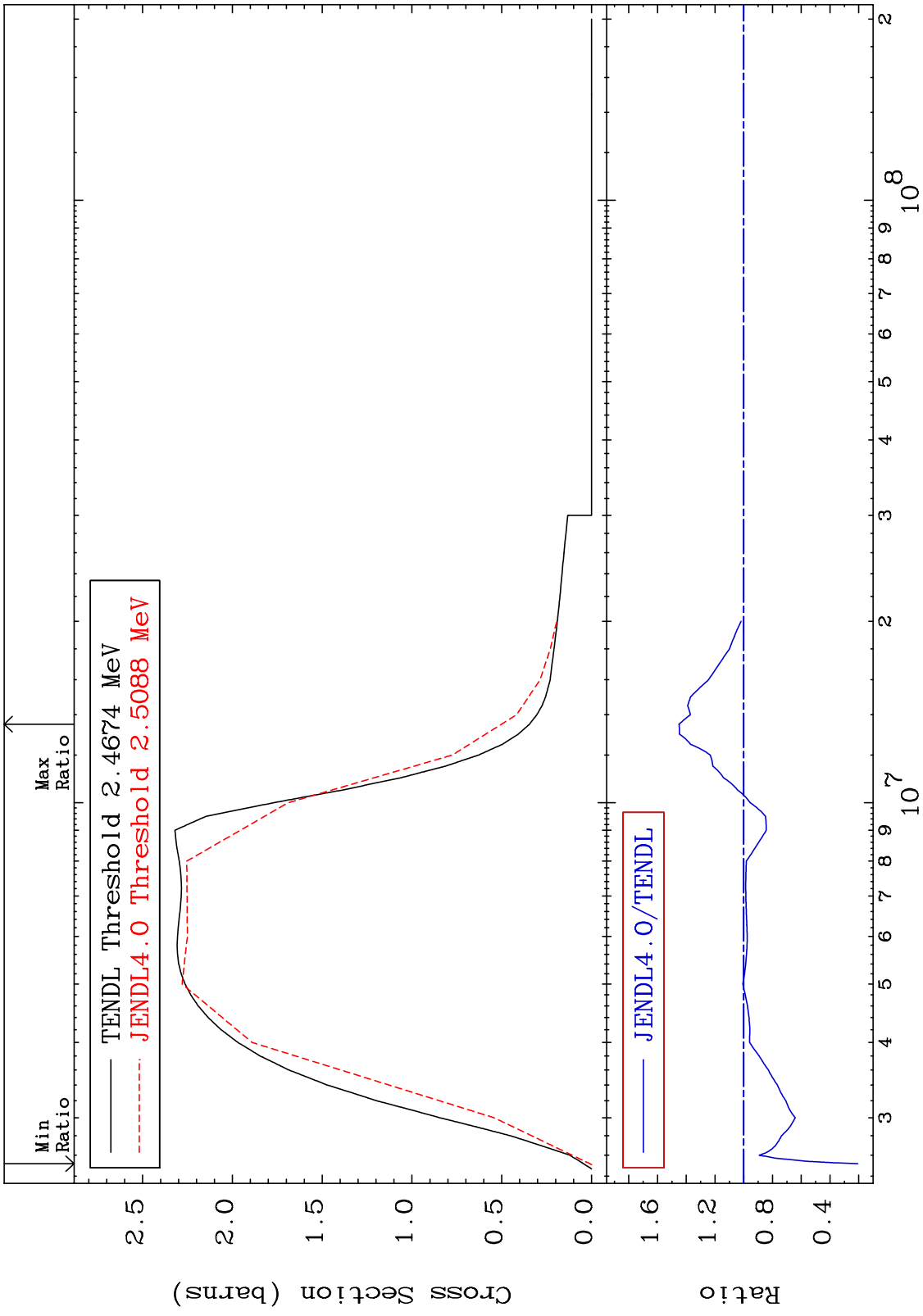
MAT 8025 MT= 69 (n,n') Level Cross Section -100.0 To 42.61 % 80-Hg-196



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



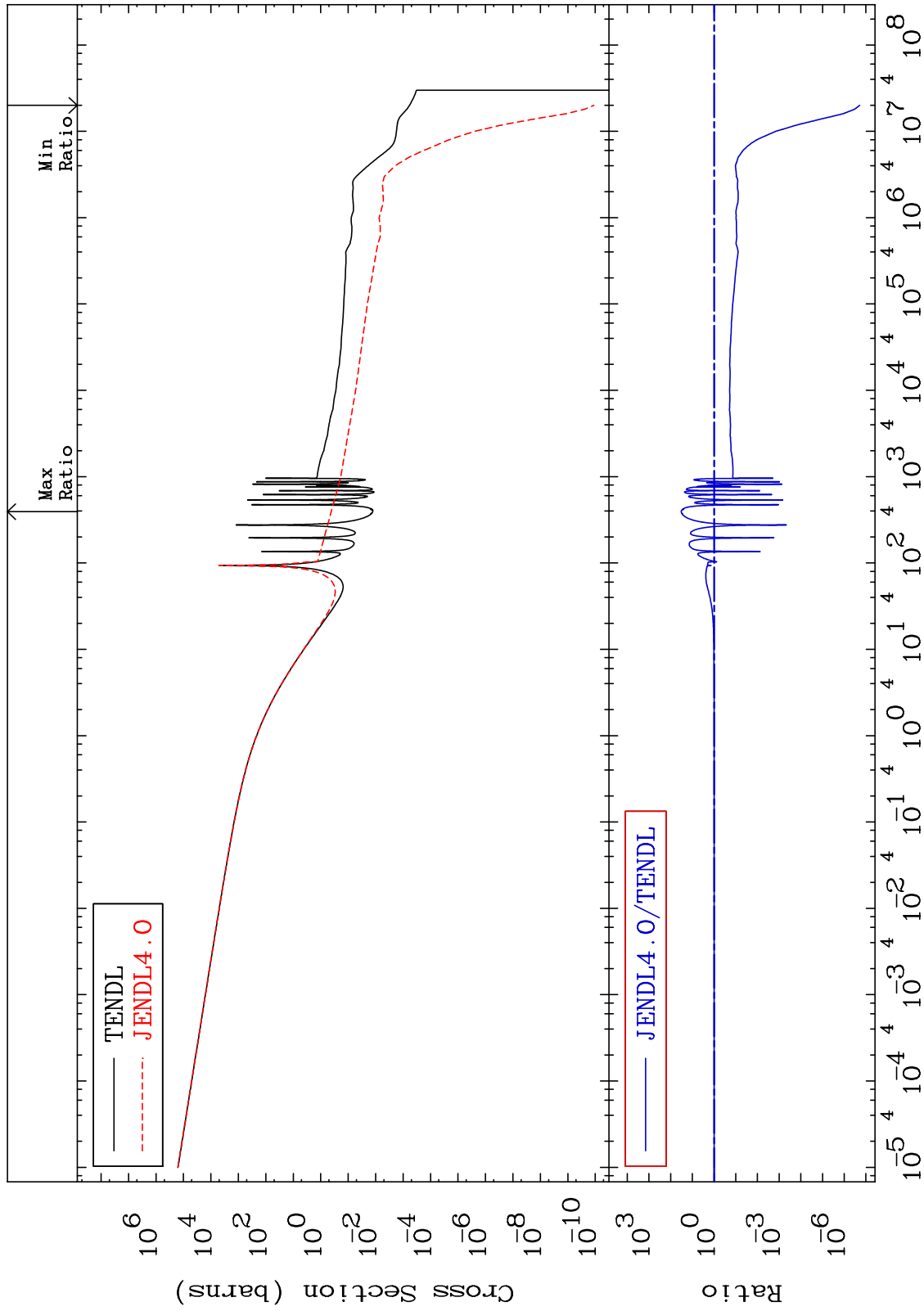
MAT 8025 (n,n') Continuum Cross Section 80-Hg-196  
 -79.38 To 45.03 %



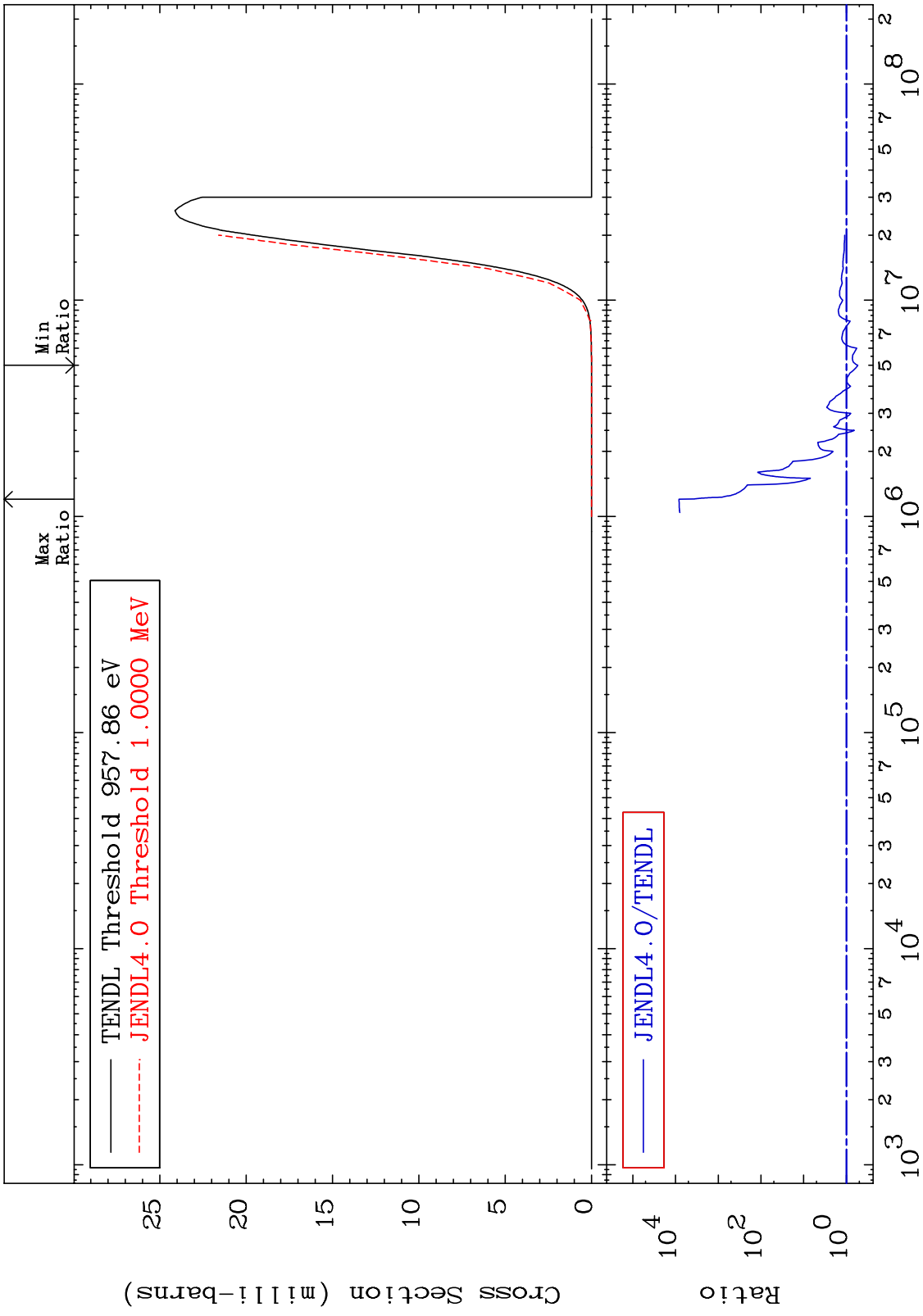
MAT 8025

(n,  $\gamma$ )  
Cross Section

80-Hg-196  
-100.0 To 3157. %

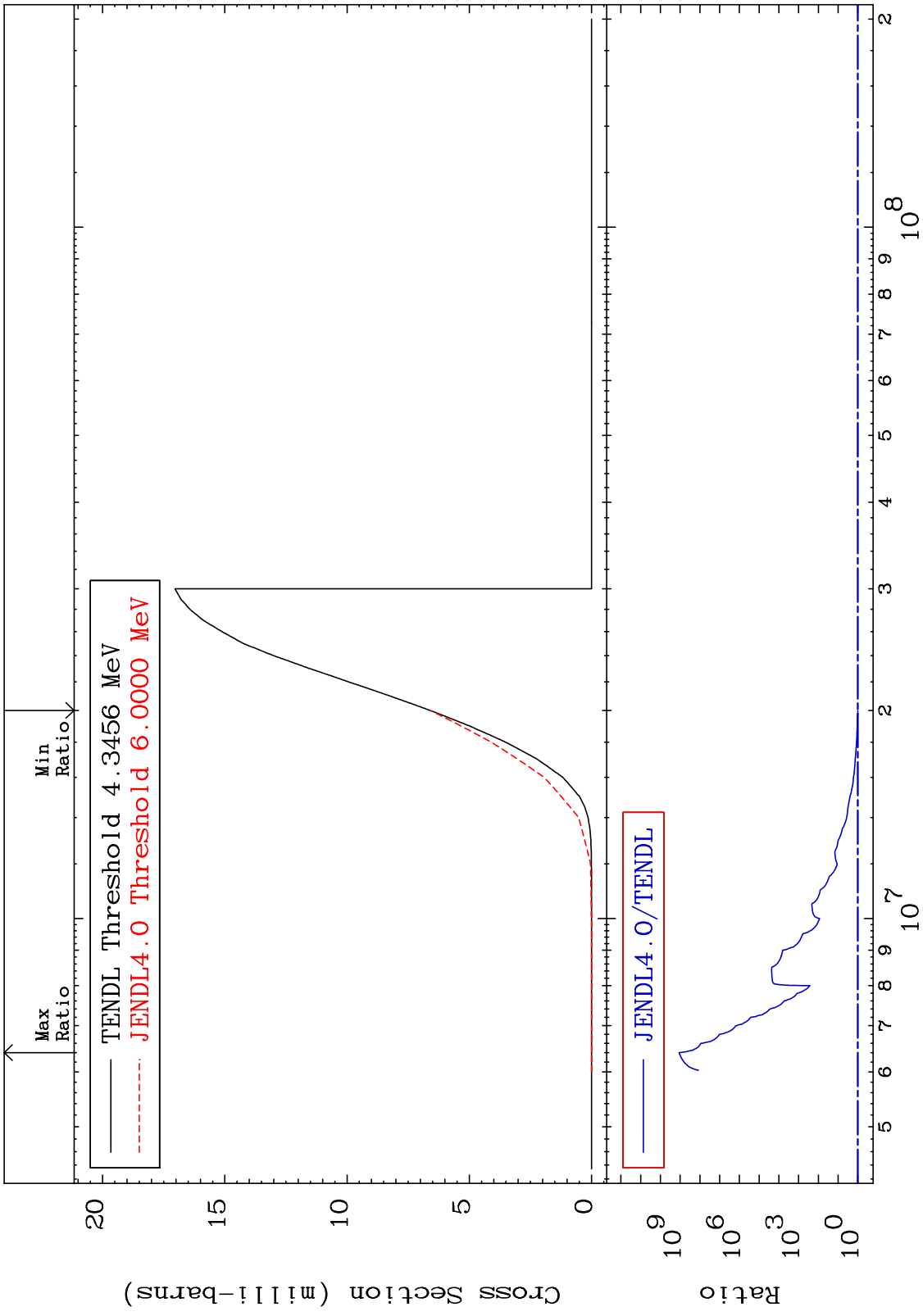


MAT 8025 (n,p) Cross Section 80-Hg-196  
 -46.03 To 9999. %



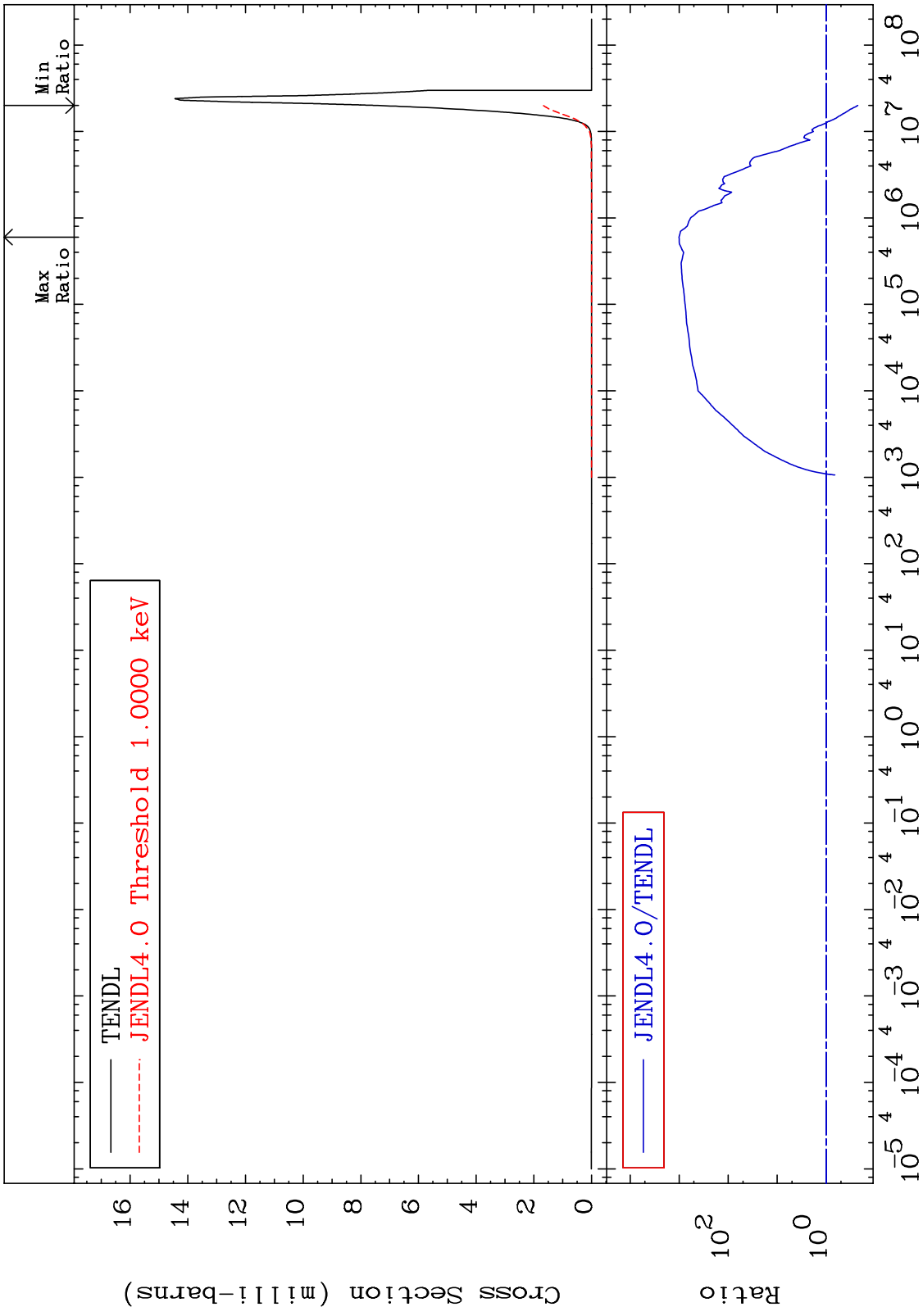
30 Incident Energy (eV) 80-Hg-196

MAT 8025 (n,d) Cross Section 80-Hg-196  
 -0.164 To 9999. %





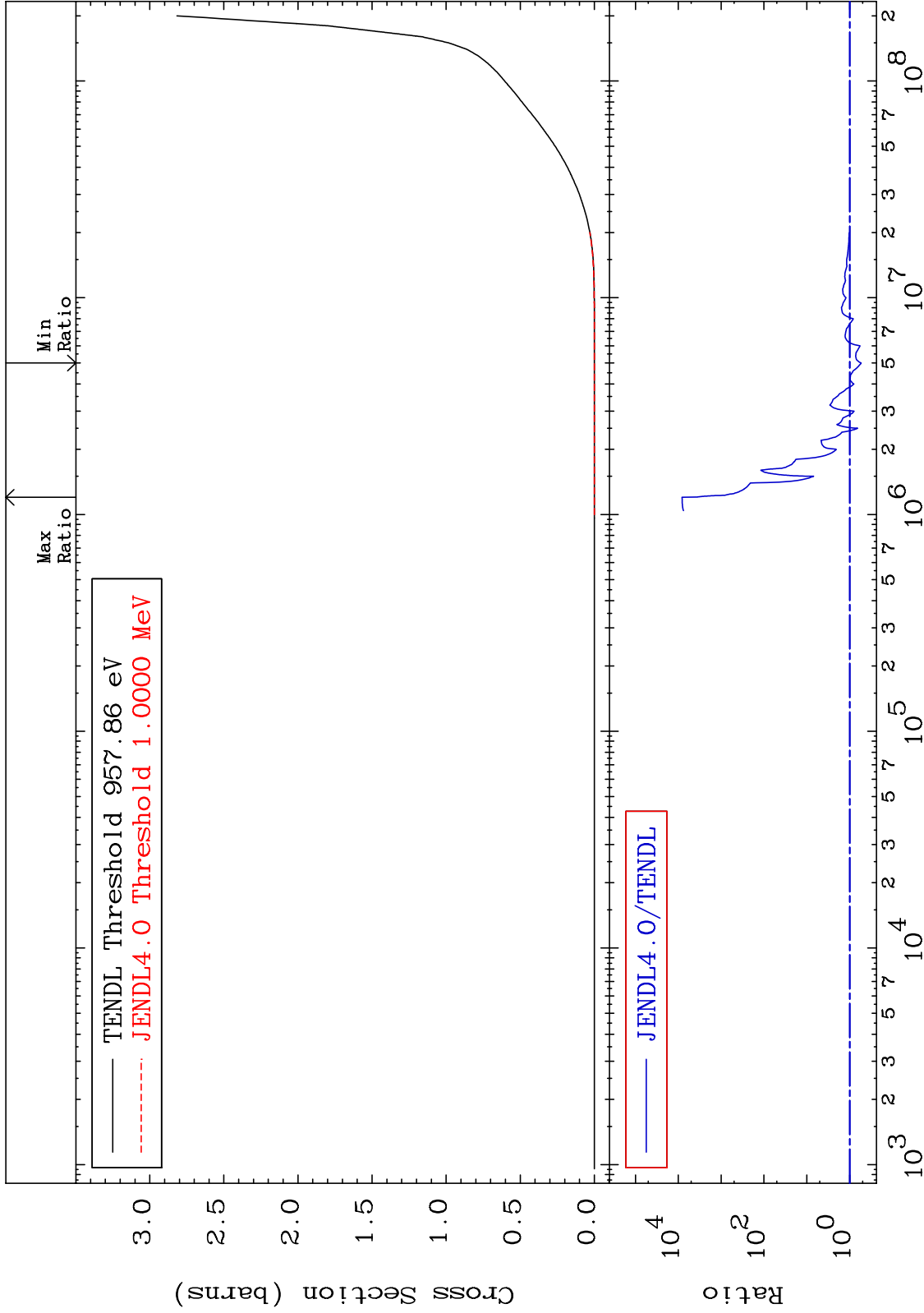
MAT 8025 (n,α) Cross Section 80-Hg-196  
 -77.38 To 9999. %



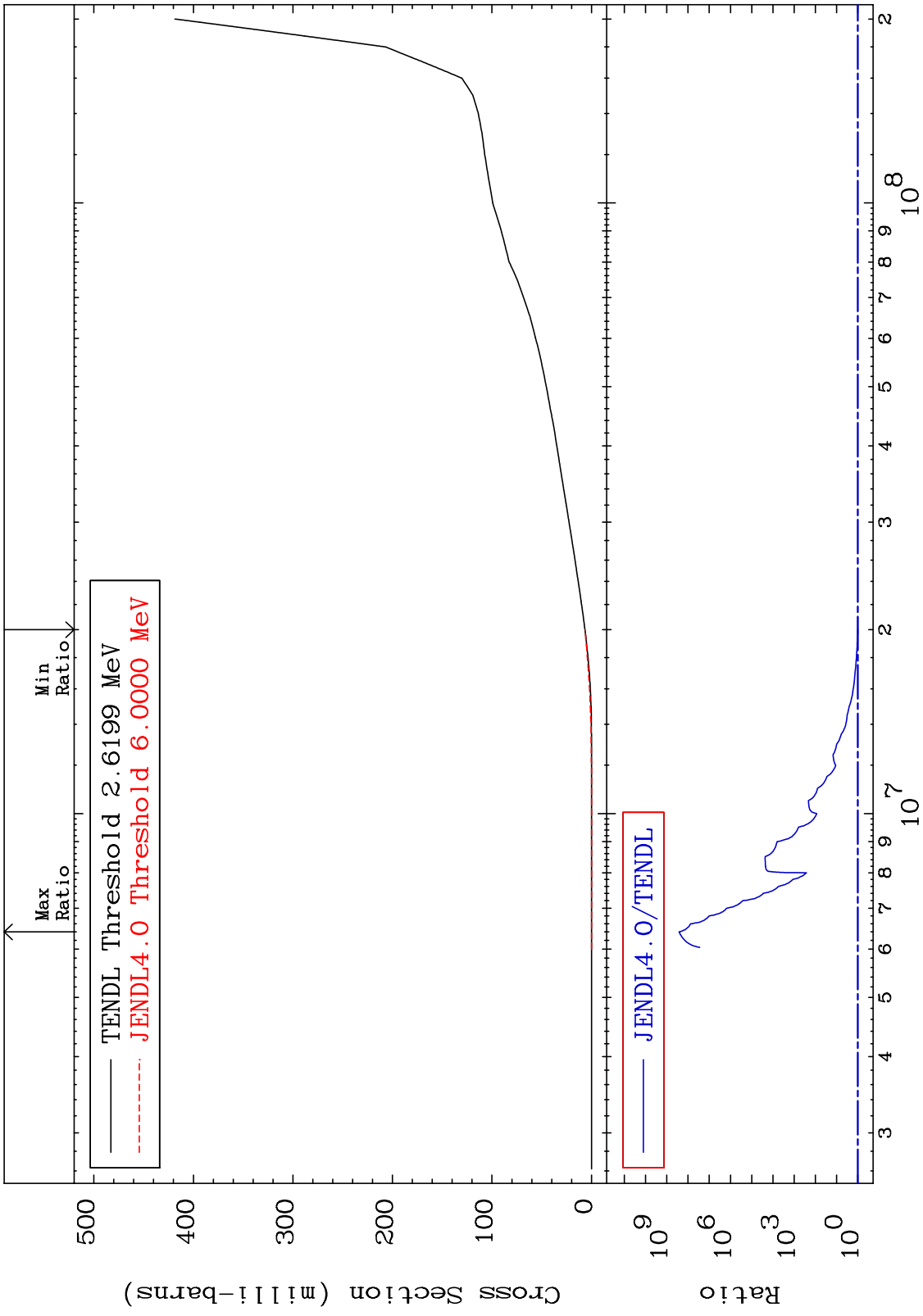
MAT 8025

Hydrogen Production  
Cross Section

80-Hg-196  
-46.03 To 9999. %



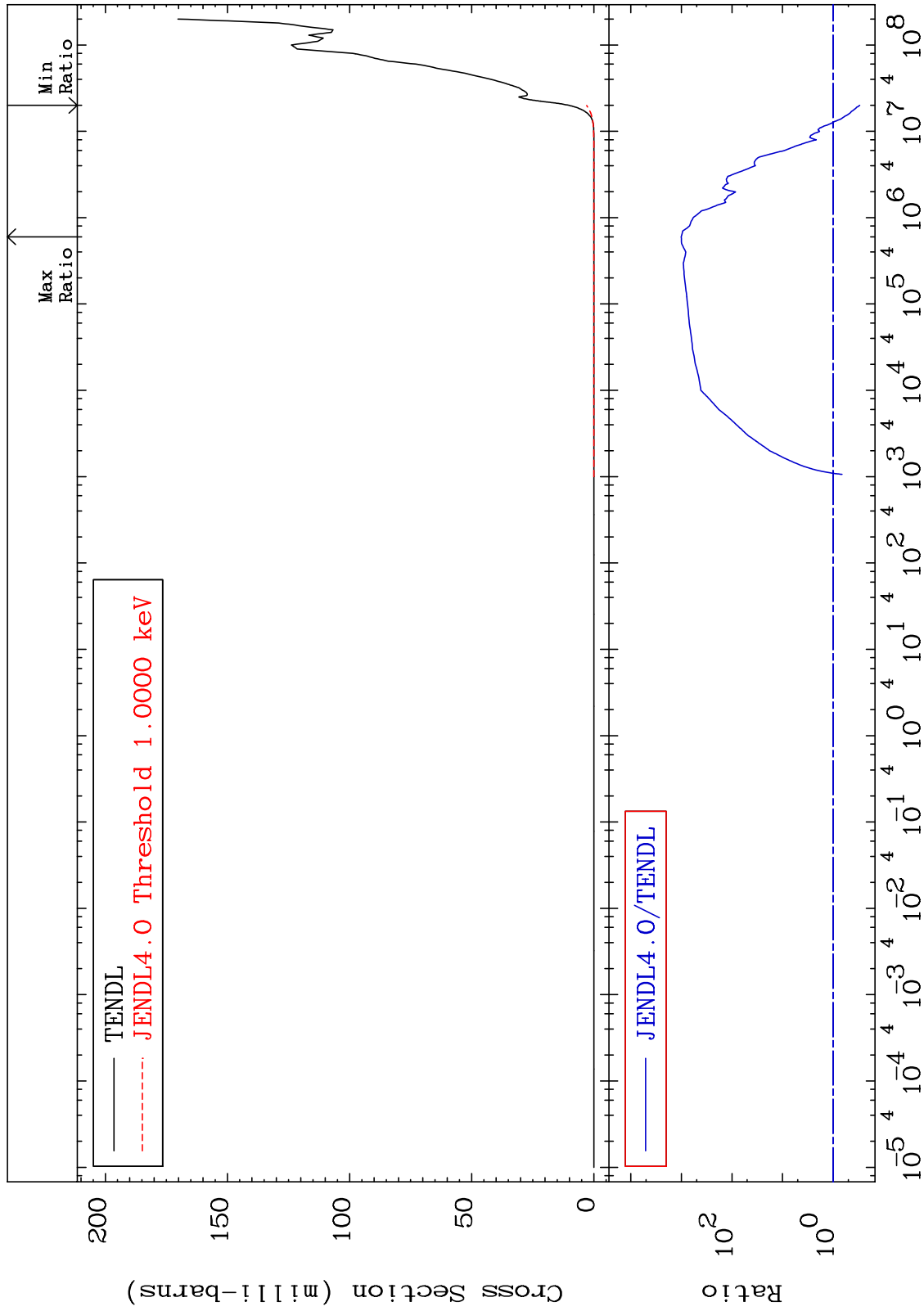
MAT 8025 Deuterium Production Cross Section 80-Hg-196  
 -0.178 To 9999. %



MAT 8025

He-4 Production  
Cross Section

80-Hg-196  
-70.25 To 9999. %

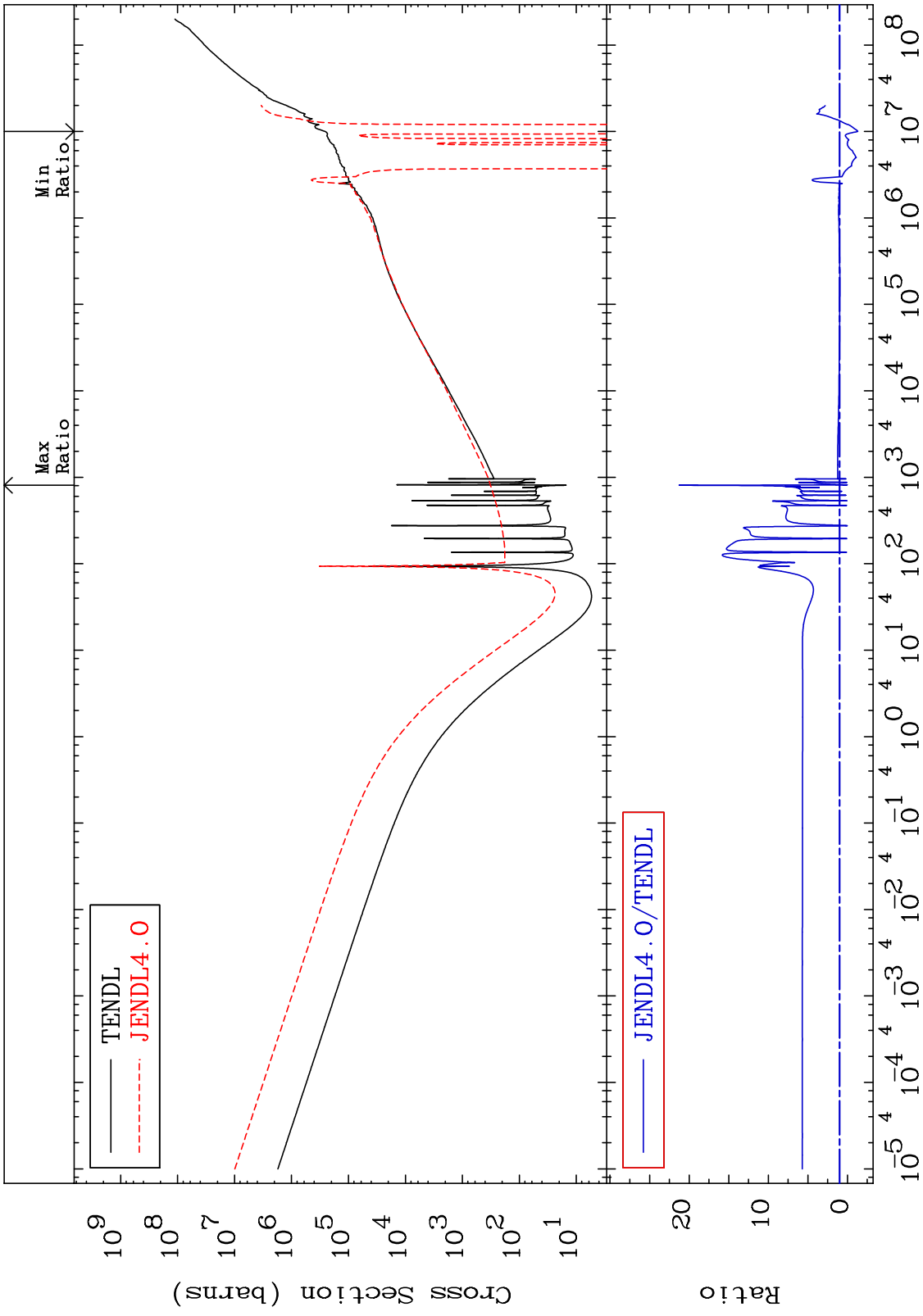


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Incident Energy (eV)

80-Hg-196

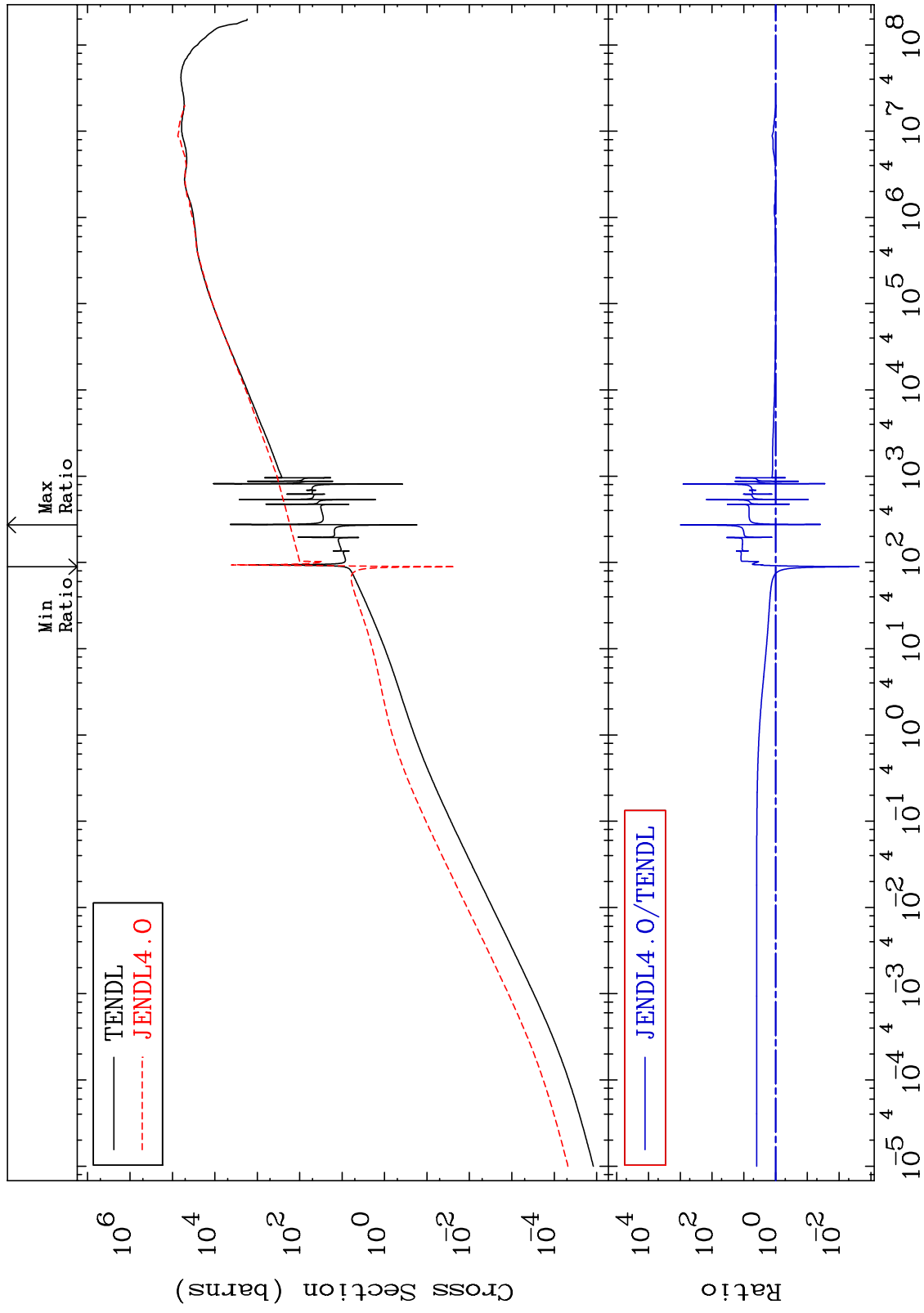
MAT 8025      Kerma total (eV-barns)  
 Cross Section      -230.8 To 2028. %      80-Hg-196



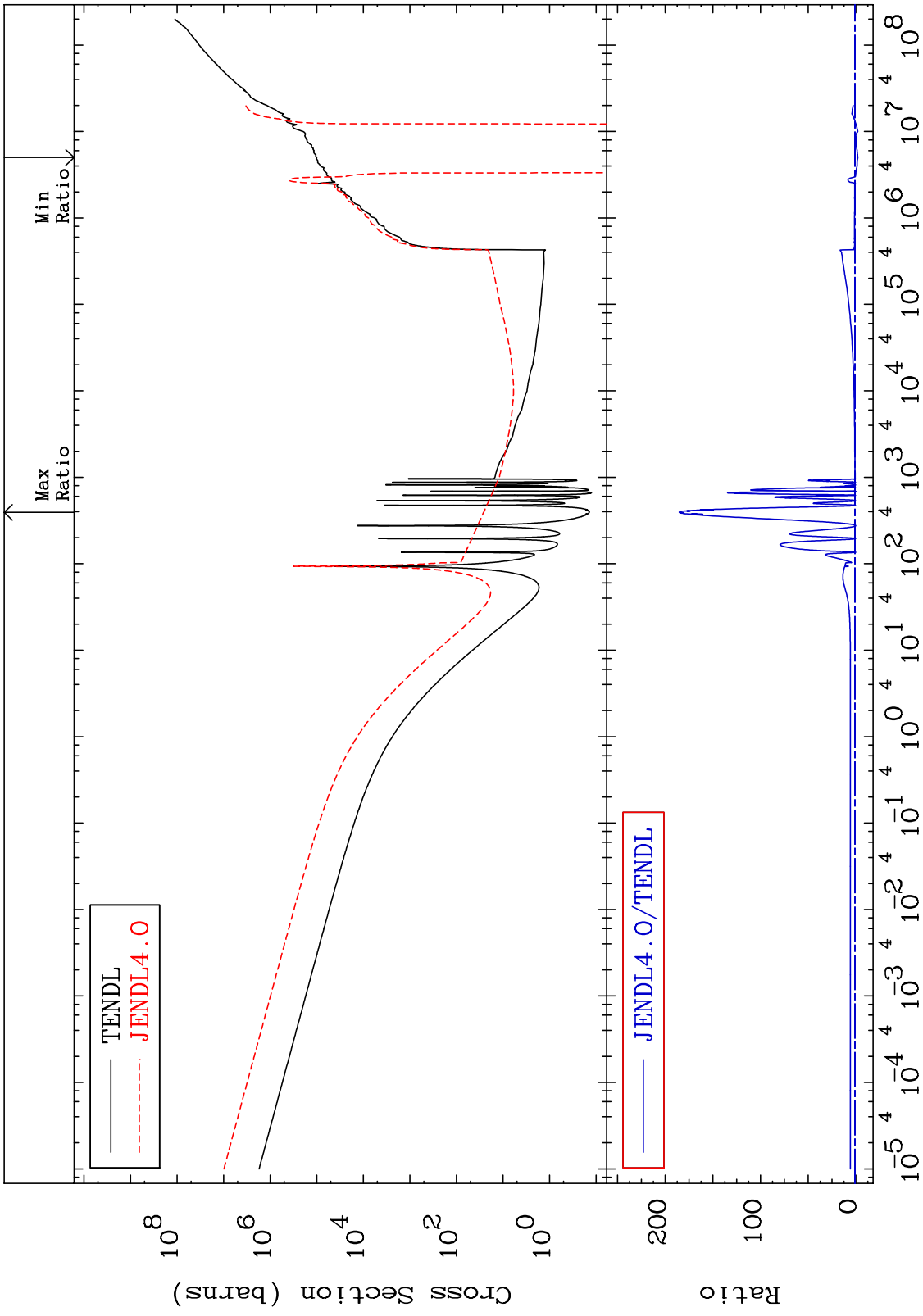
MAT 8025

Kerma elastic  
Cross Section

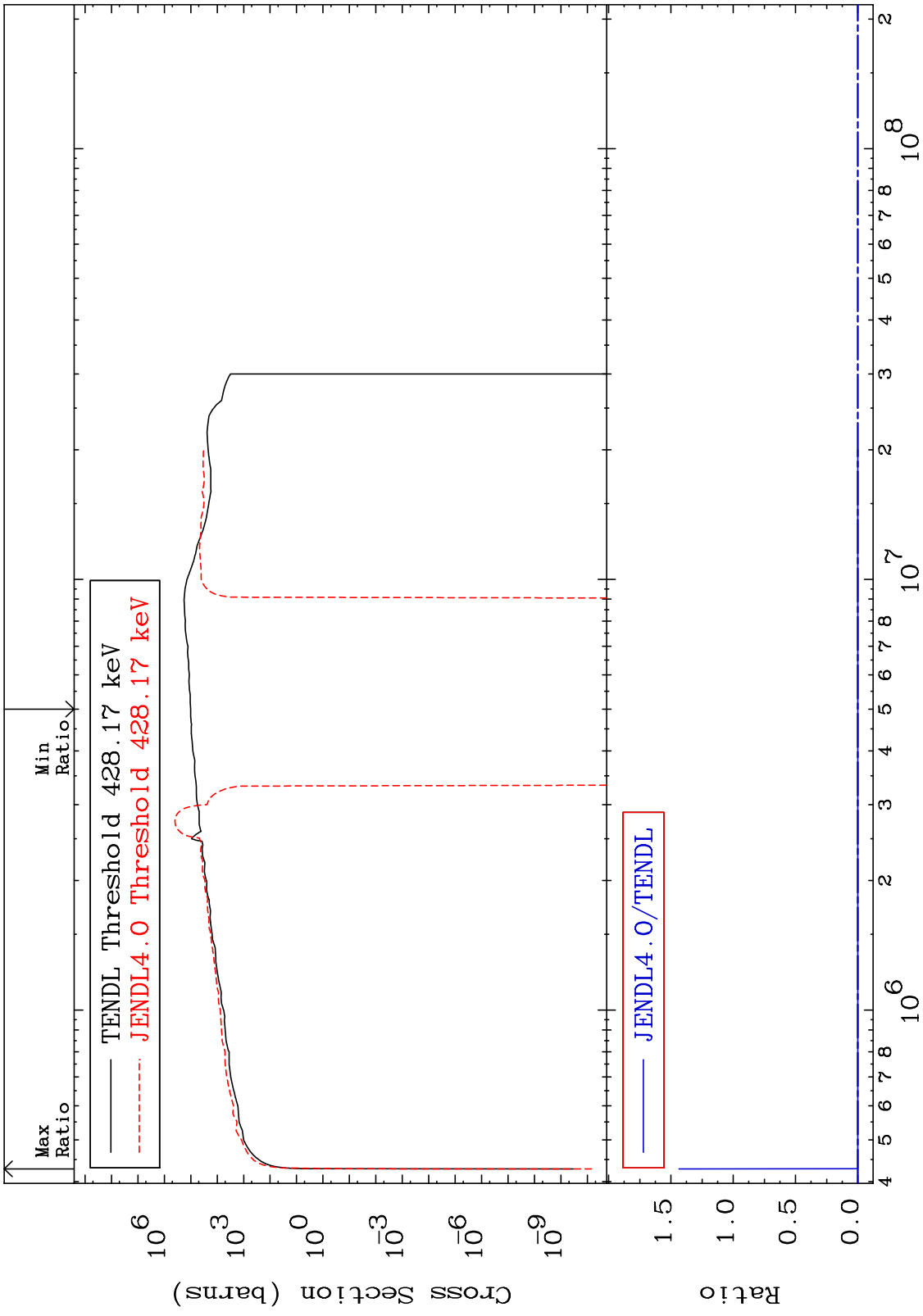
80-Hg-196  
-99.76 To 9999. %



MAT 8025      Kerma non-elastic (all but mt2)      80-Hg-196  
 -310.7 To 9999. %  
 Cross Section



MAT 8025      Kerma inelastic (mt51-91)      80-Hg-196  
 -310.9 To 9999. %  
 Cross Section

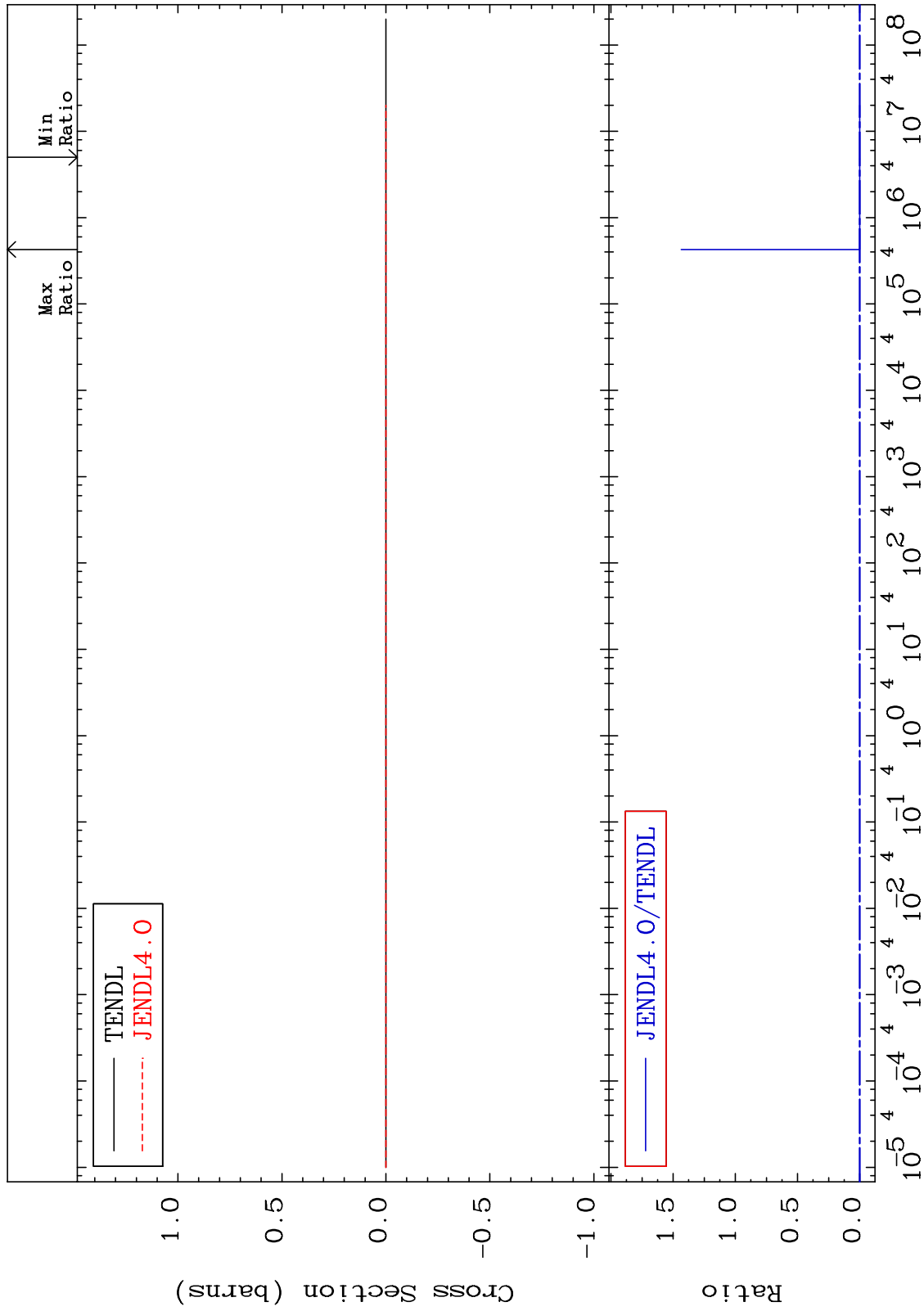




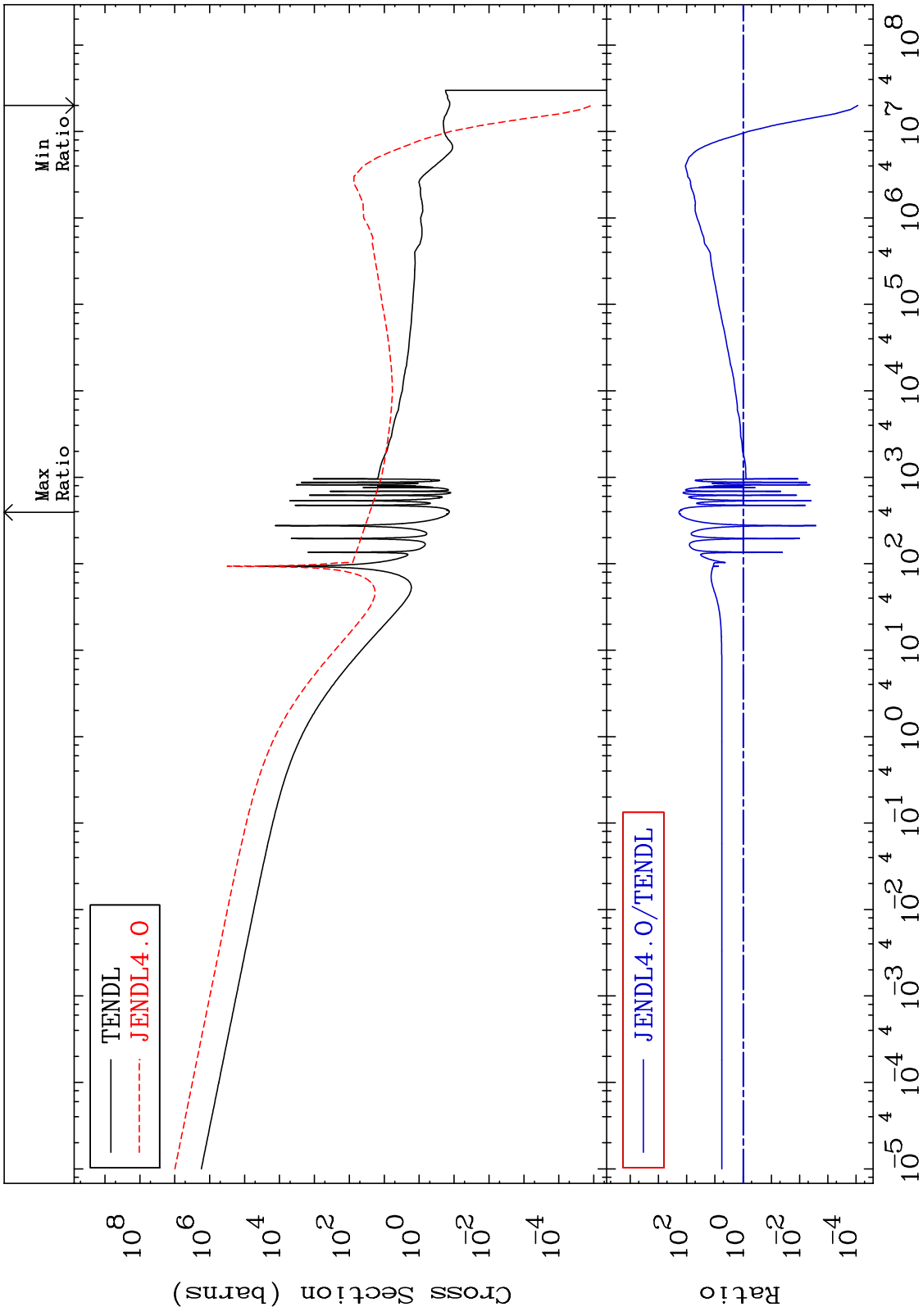
MAT 8025

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

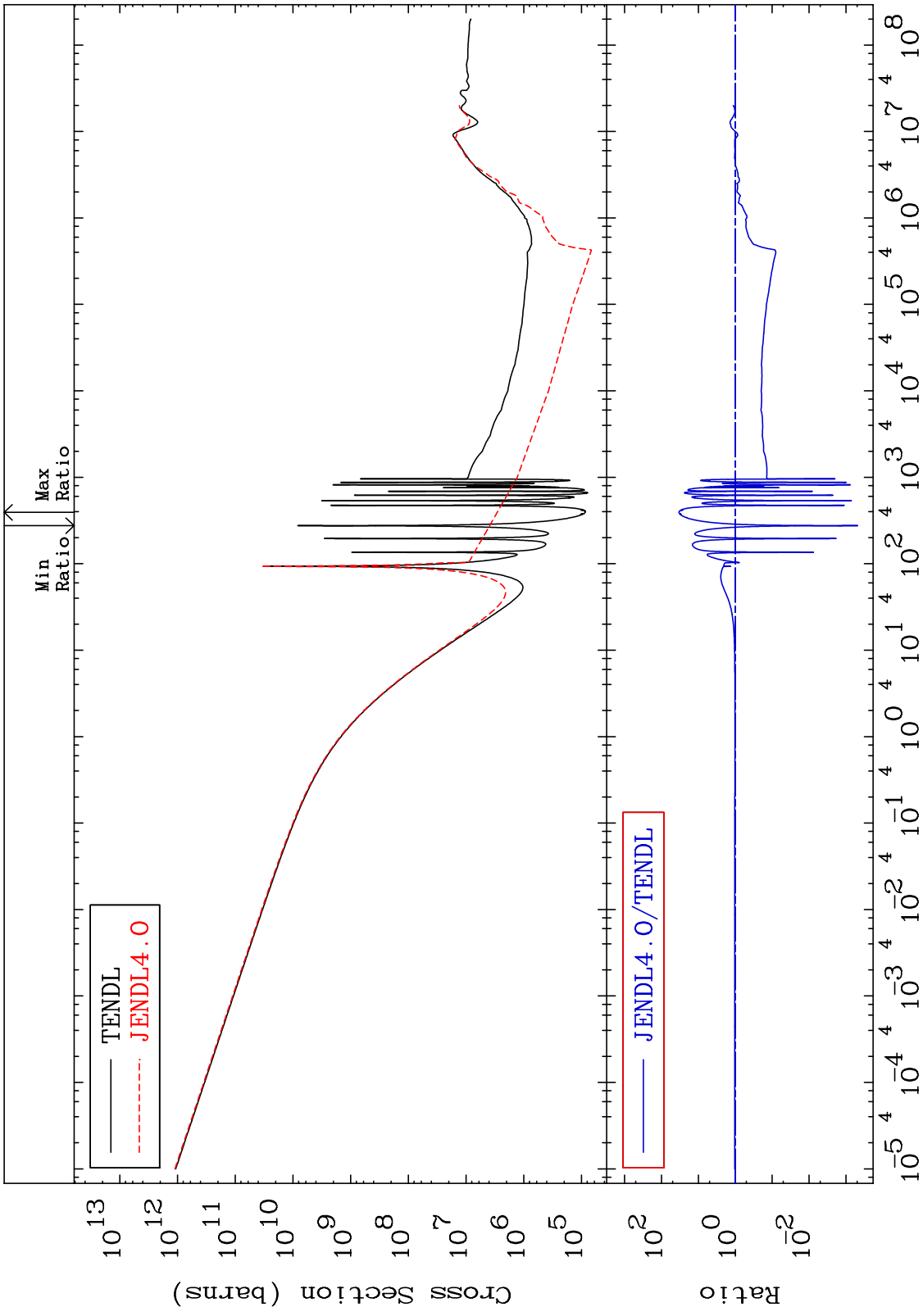
80-Hg-196  
-310.9 To 9999. %



MAT 8025 80-Hg-196  
 Kerma capture (mt102) -99.99 To 9999. %  
 Cross Section

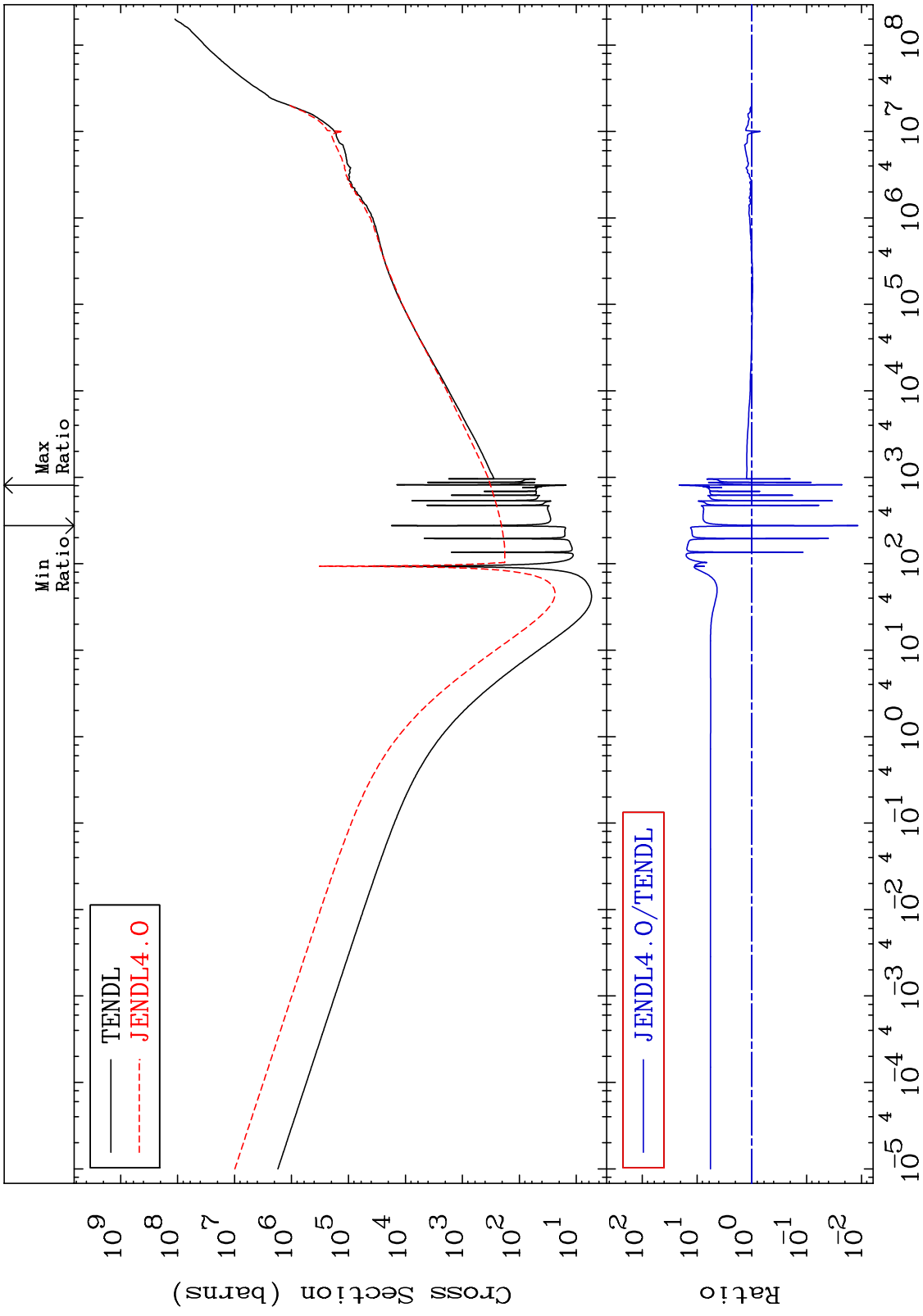


MAT 8025      Total photon (eV-barns) Cross Section      80-Hg-196  
-99.95 To 3251. %

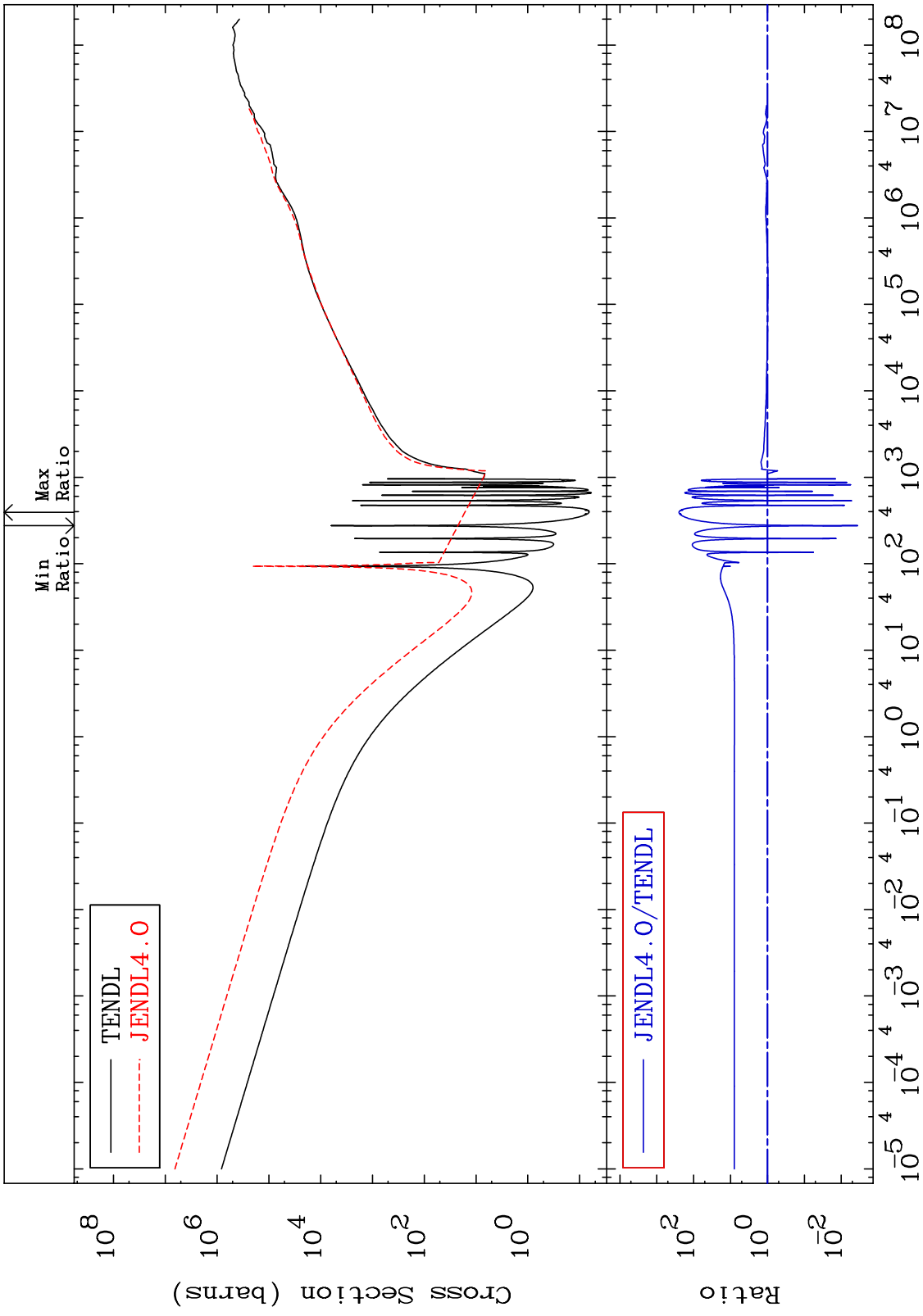


42      Incident Energy (eV)      80-Hg-196

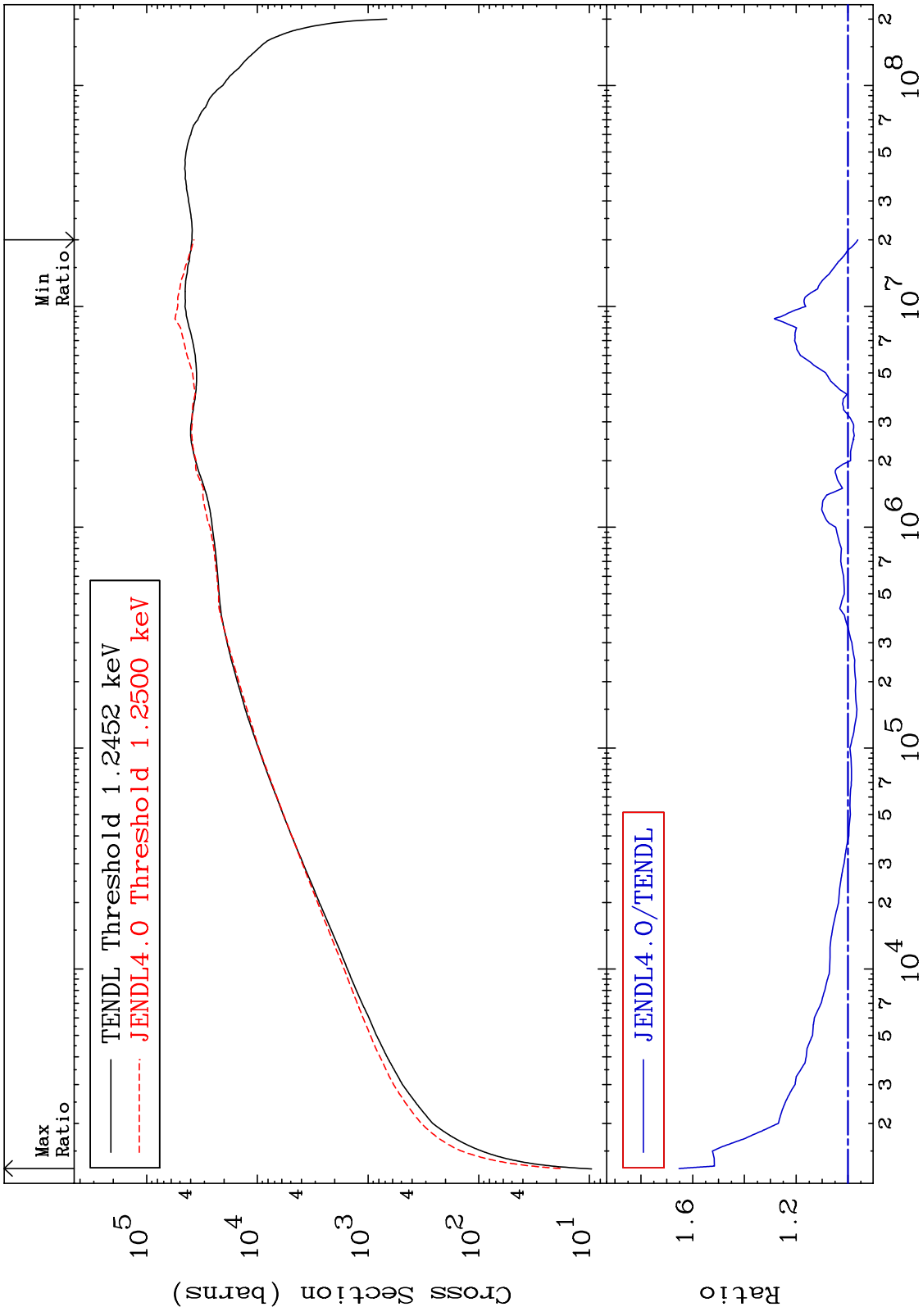
MAT 8025 Total kinematic kerma (high limit) 80-Hg-196  
Cross Section -98.83 To 2028. %



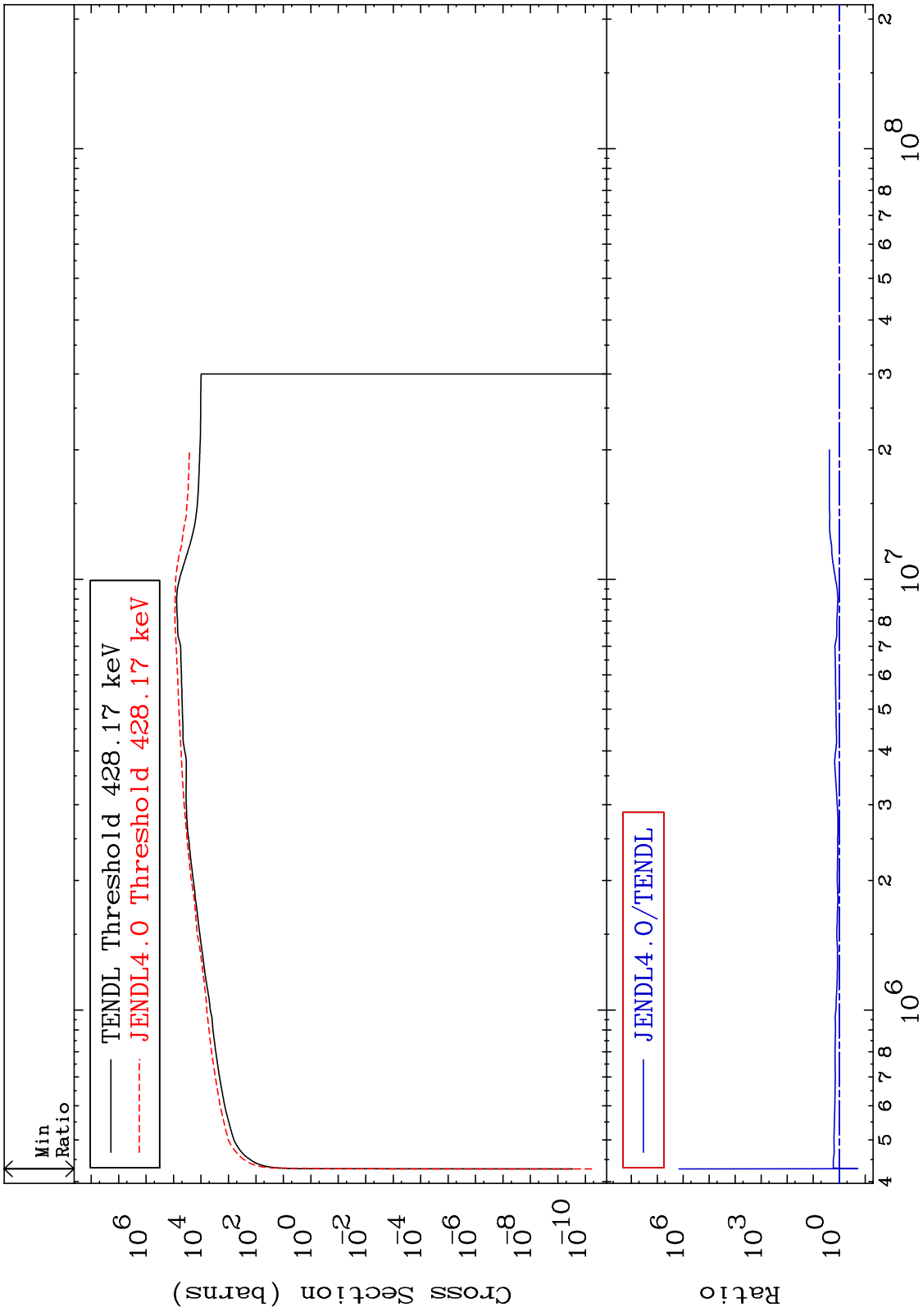
MAT 8025      Dpa total (eV-barns)      80-Hg-196  
 -99.64 To 9999. %



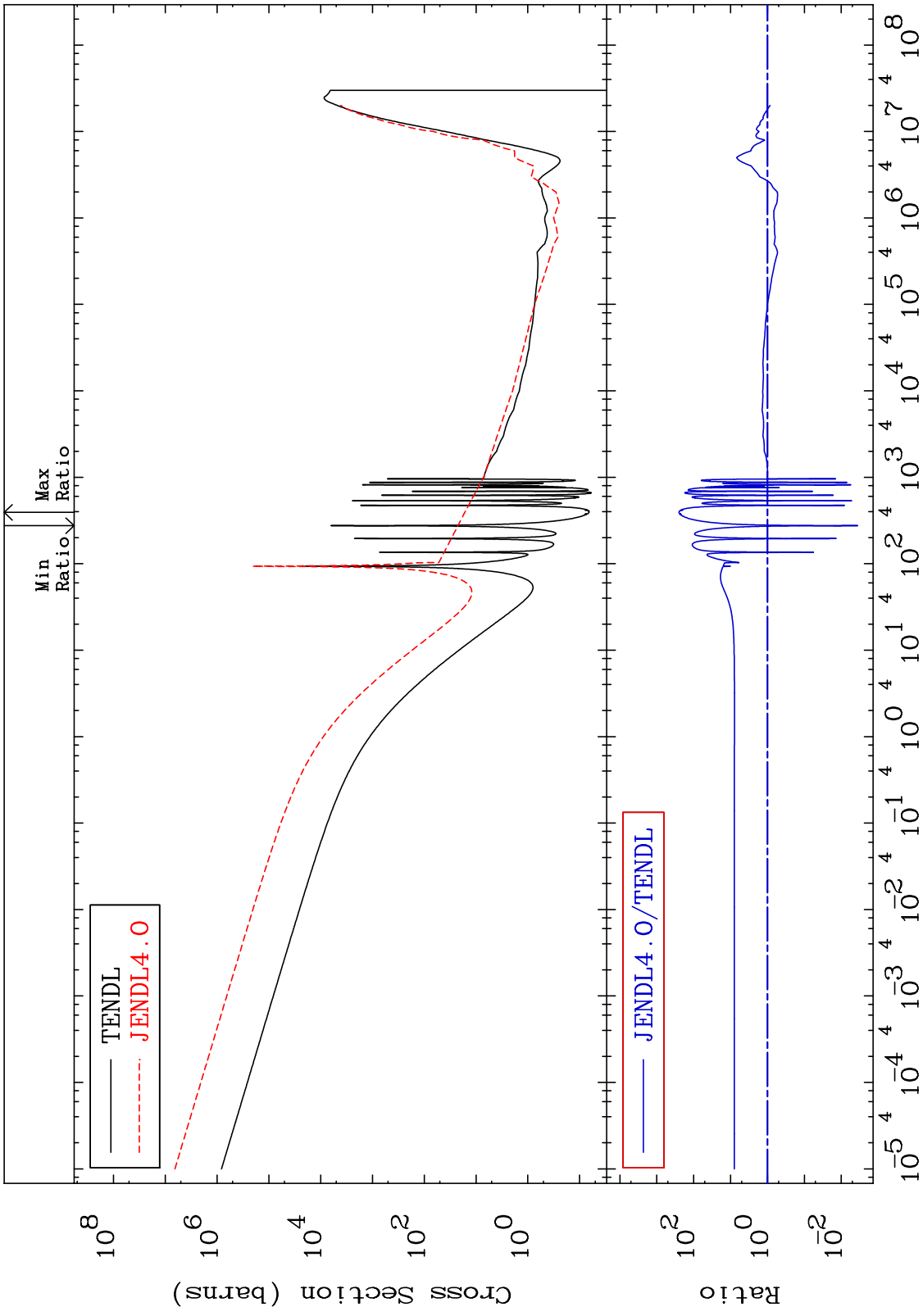
MAT 8025 80-Hg-196  
 Dpa elastic (mt2) -3.809 To 65.27 %  
 Cross Section



MAT 8025 Dpa inelastic (mt51-91) 80-Hg-196  
Cross Section -80.89 To 9999. %

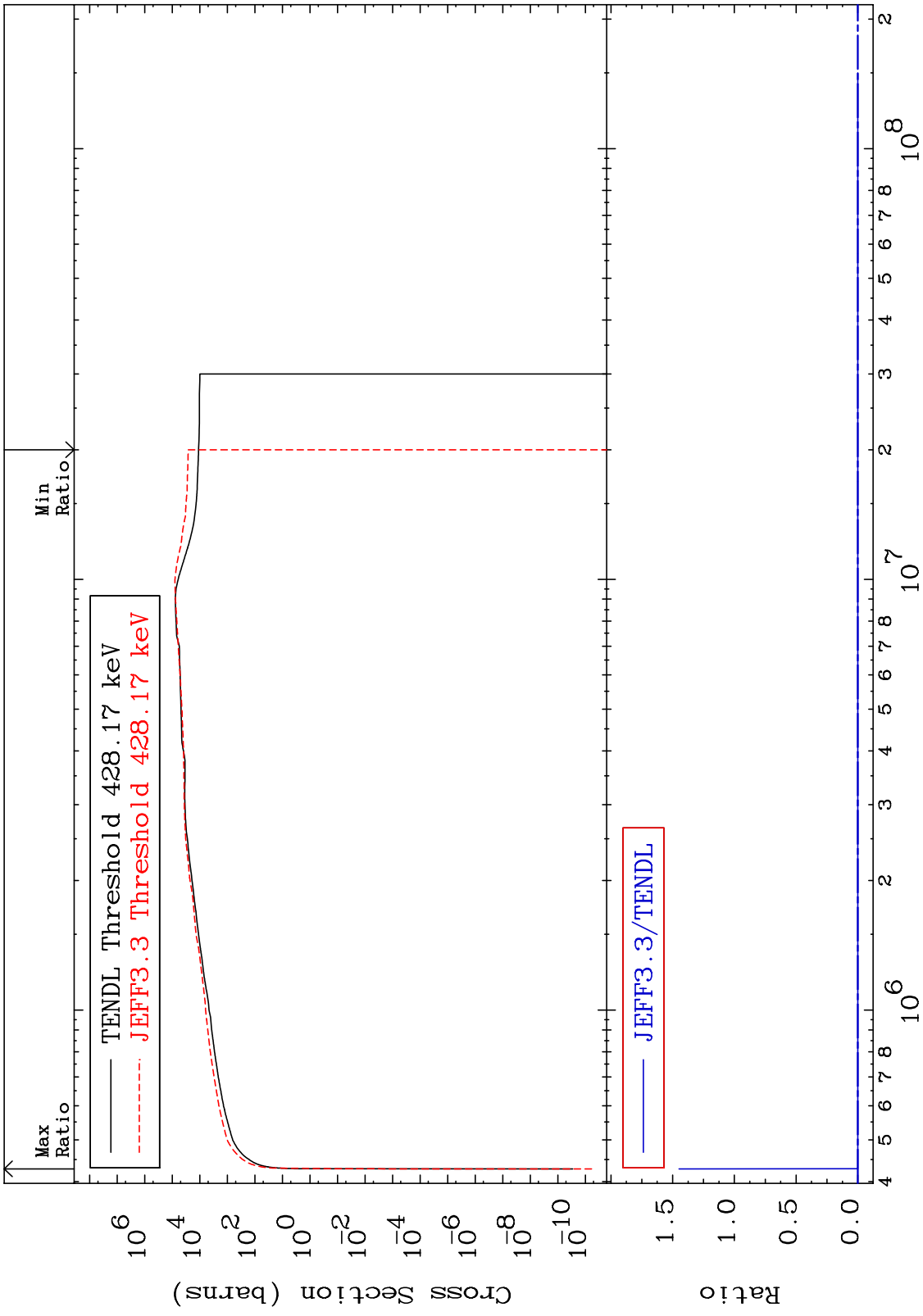


MAT 8025      Dpa disappearance (mt102 -120)      80-Hg-196  
 -99.64 To 9999. %





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. %

