

Program Complot
(Version 2018-1)

by

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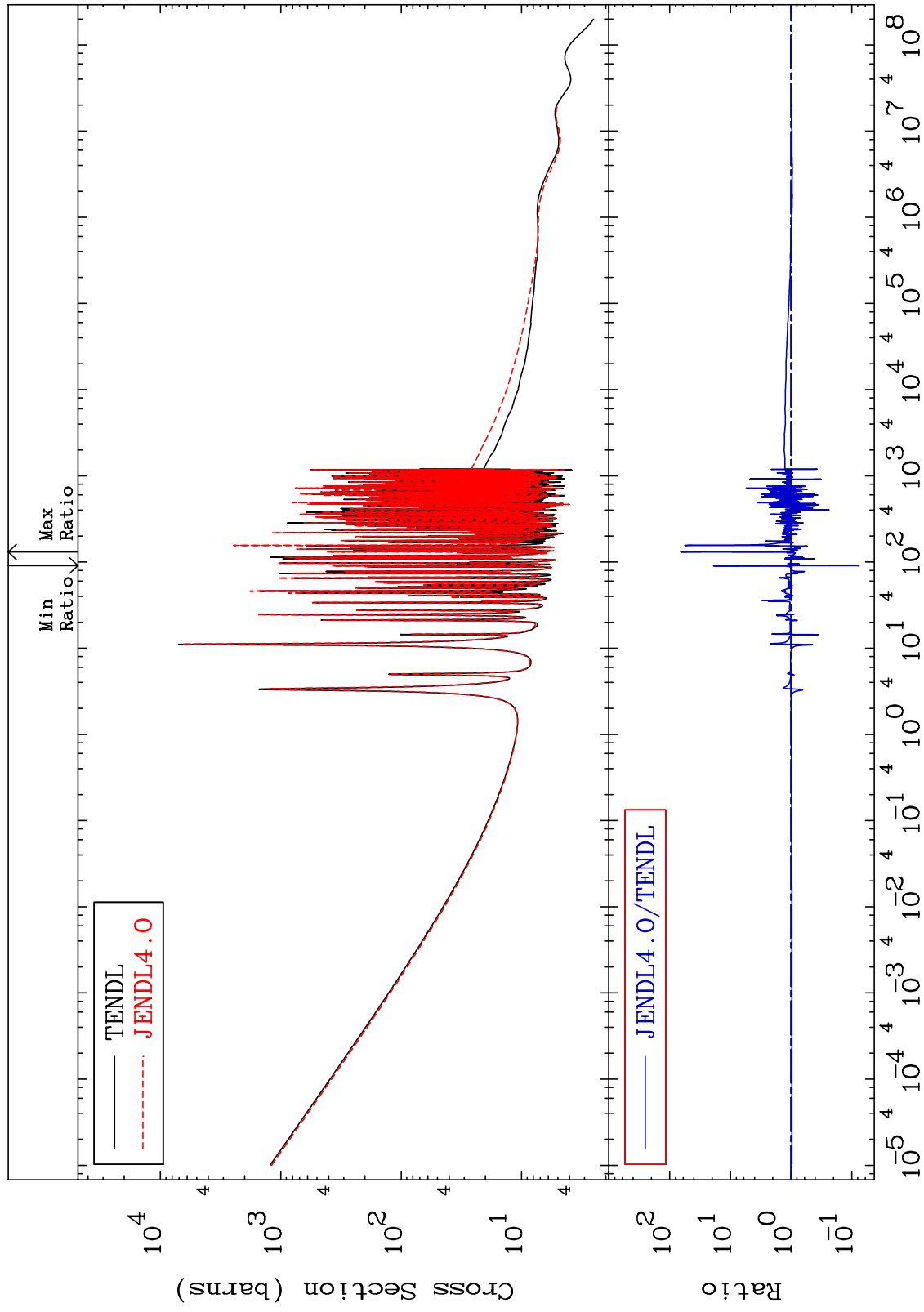
U.S.A.

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Press Mouse Button to Start

MAT 6525 65-Tb-159
Total -92.38 To 6434. %
Cross Section



Incident Energy (eV) 65-Tb-159

MAT 6525

Elastic
Cross Section

65-Tb-159
-79.43 To 7395. %

Min
Ratio
Max

— TENDL
- - - JENDL4.0

Cross Section (barns)

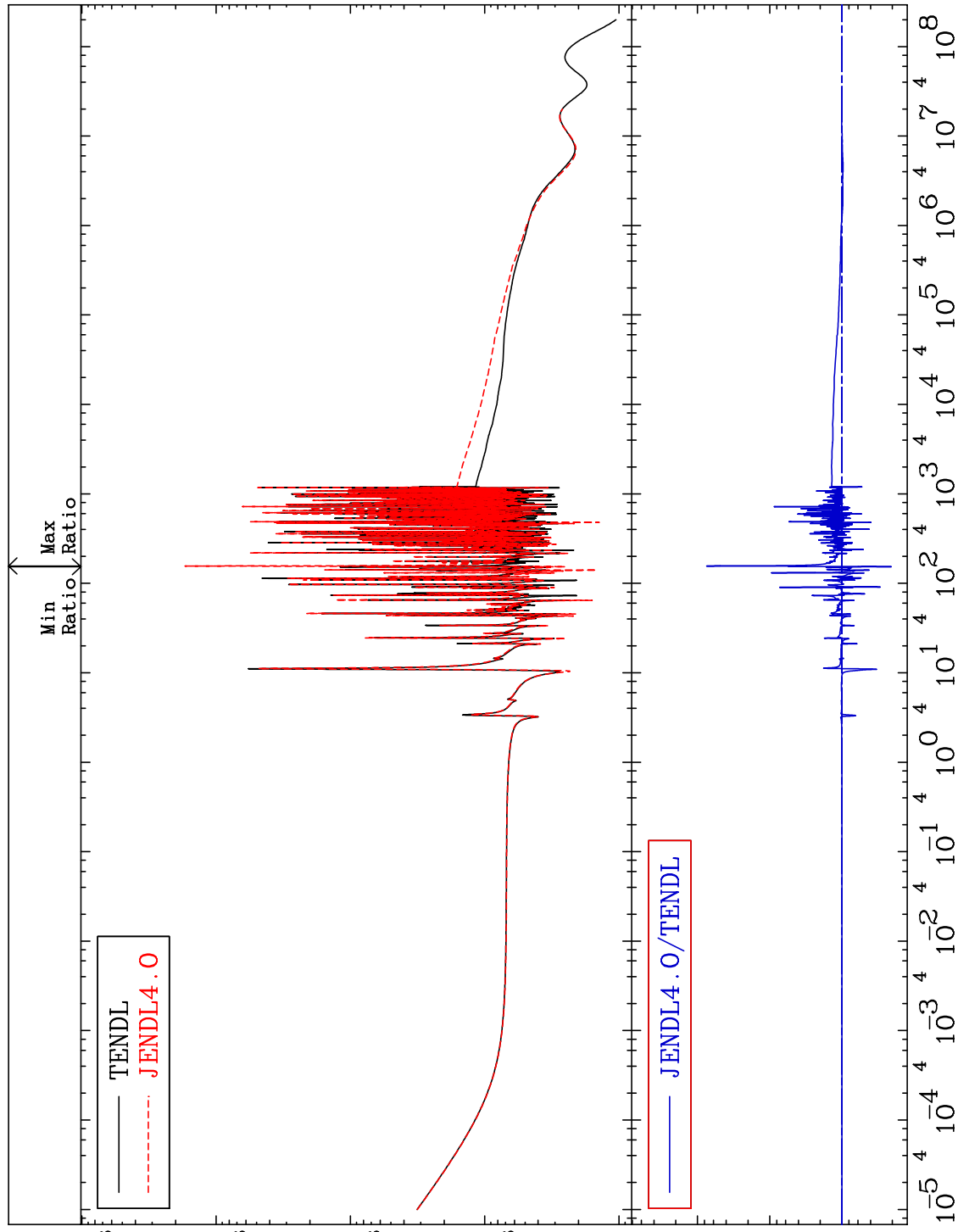
— JENDL4.0/TENDL

Ratio

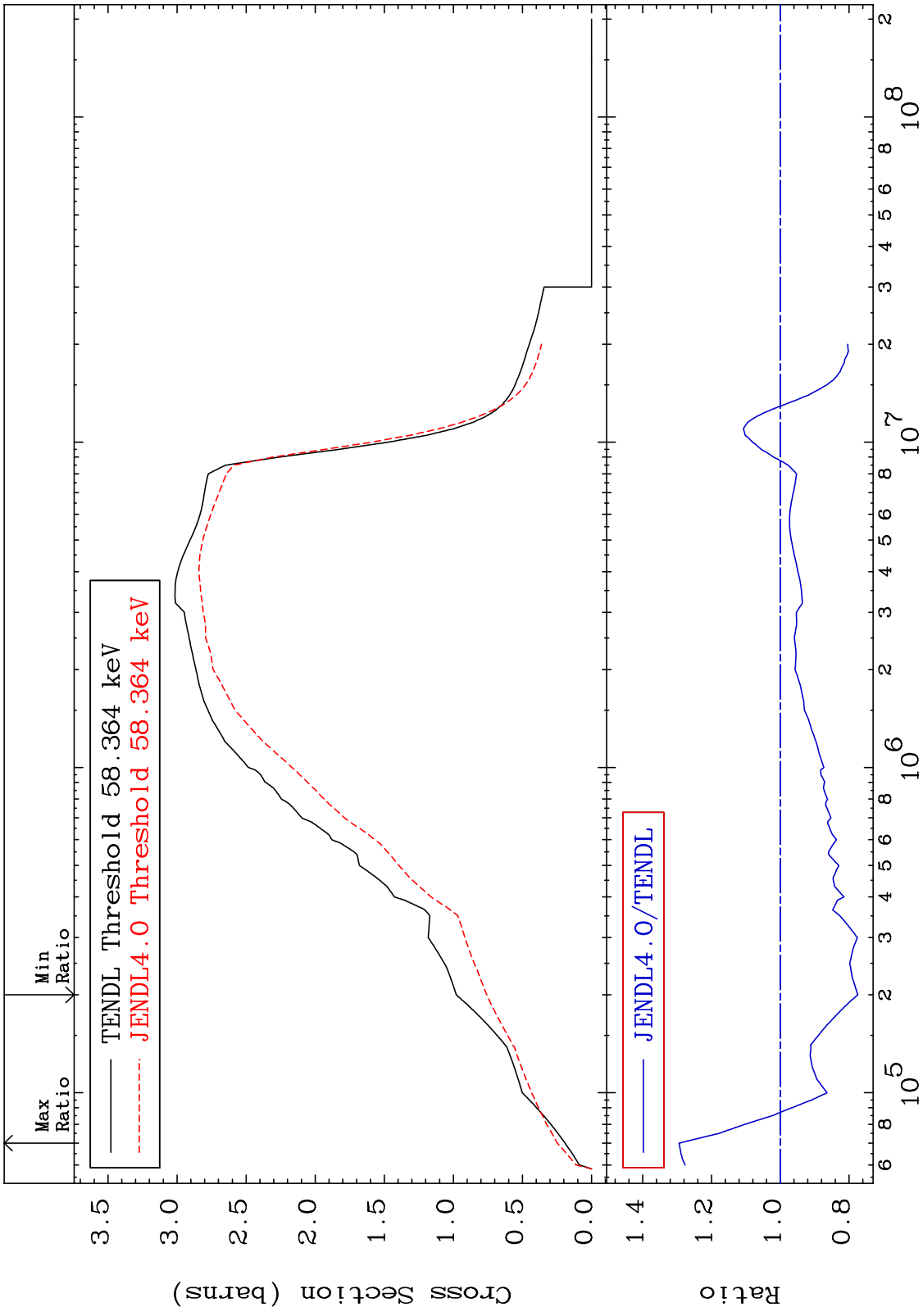
2

Incident Energy (eV)

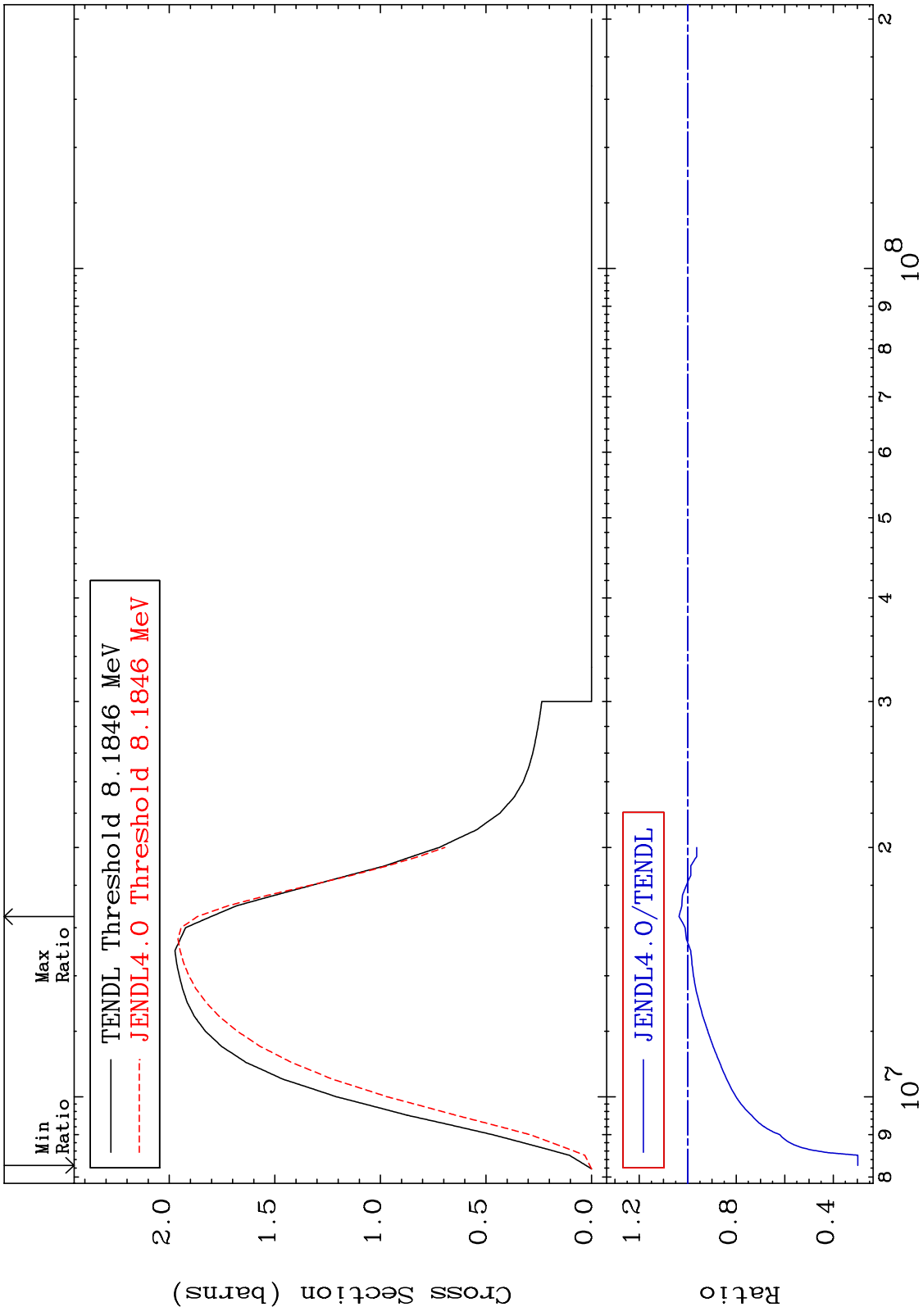
65-Tb-159



MAT 6525 Inelastic Cross Section 65-Tb-159 -22.56 To 29.44 %

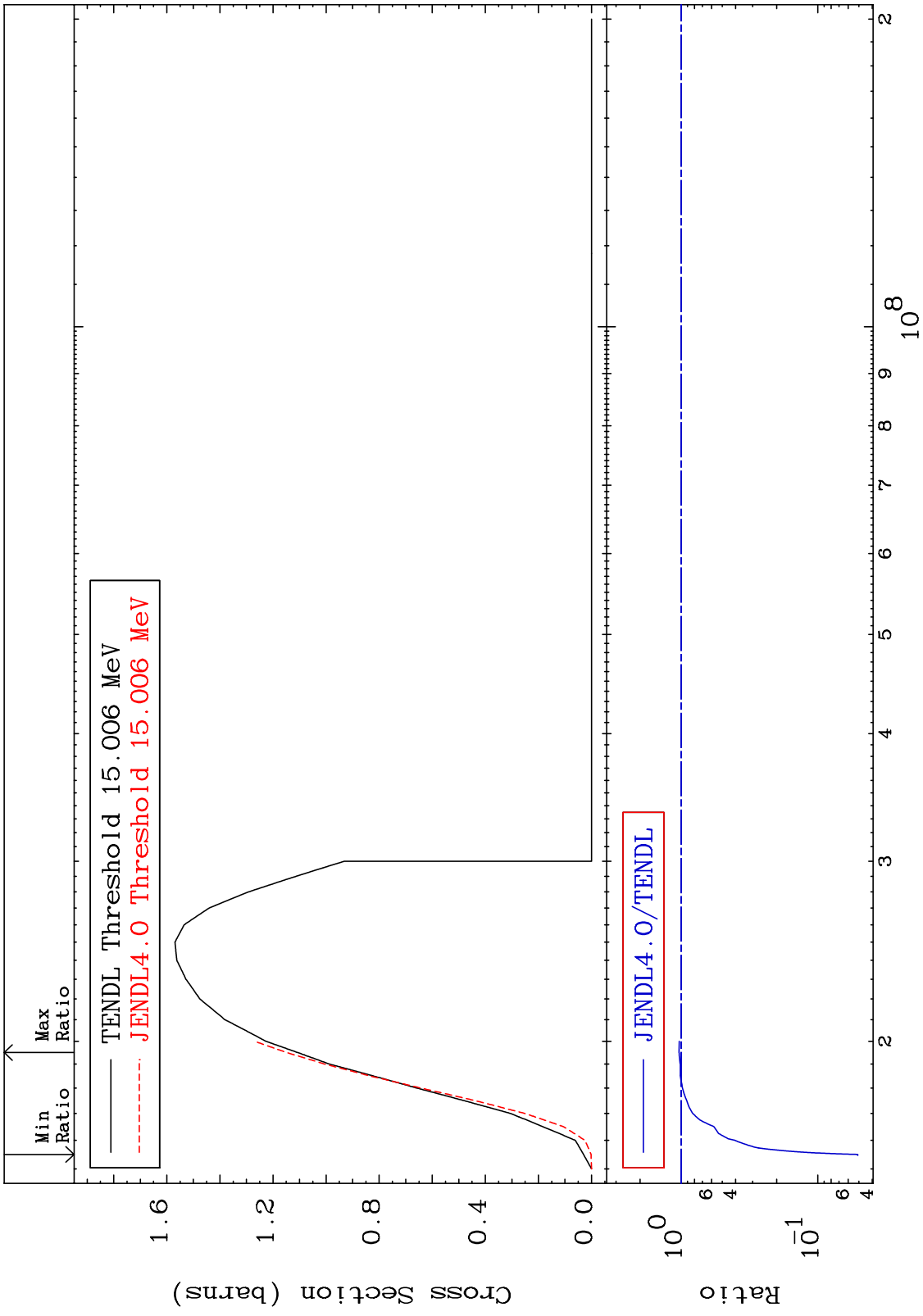


MAT 6525 $(n,2n)$ Cross Section $^{65}\text{Tb-159}$ -70.16 To 3.593 %



4 $^{65}\text{Tb-159}$

MAT 6525 (n,3n) Cross Section 65-Tb-159 -94.90 To 3.743 %

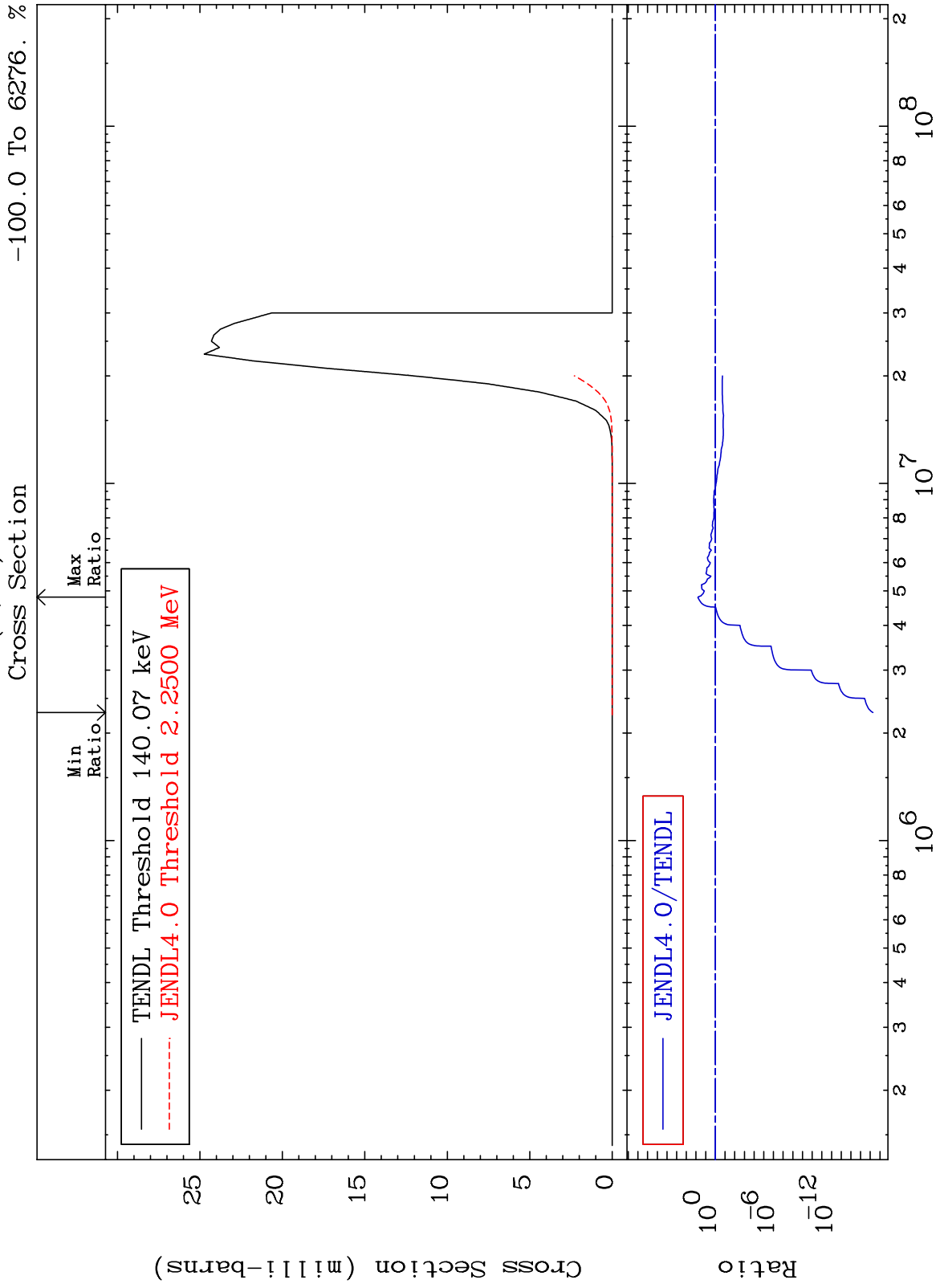


MAT 6525

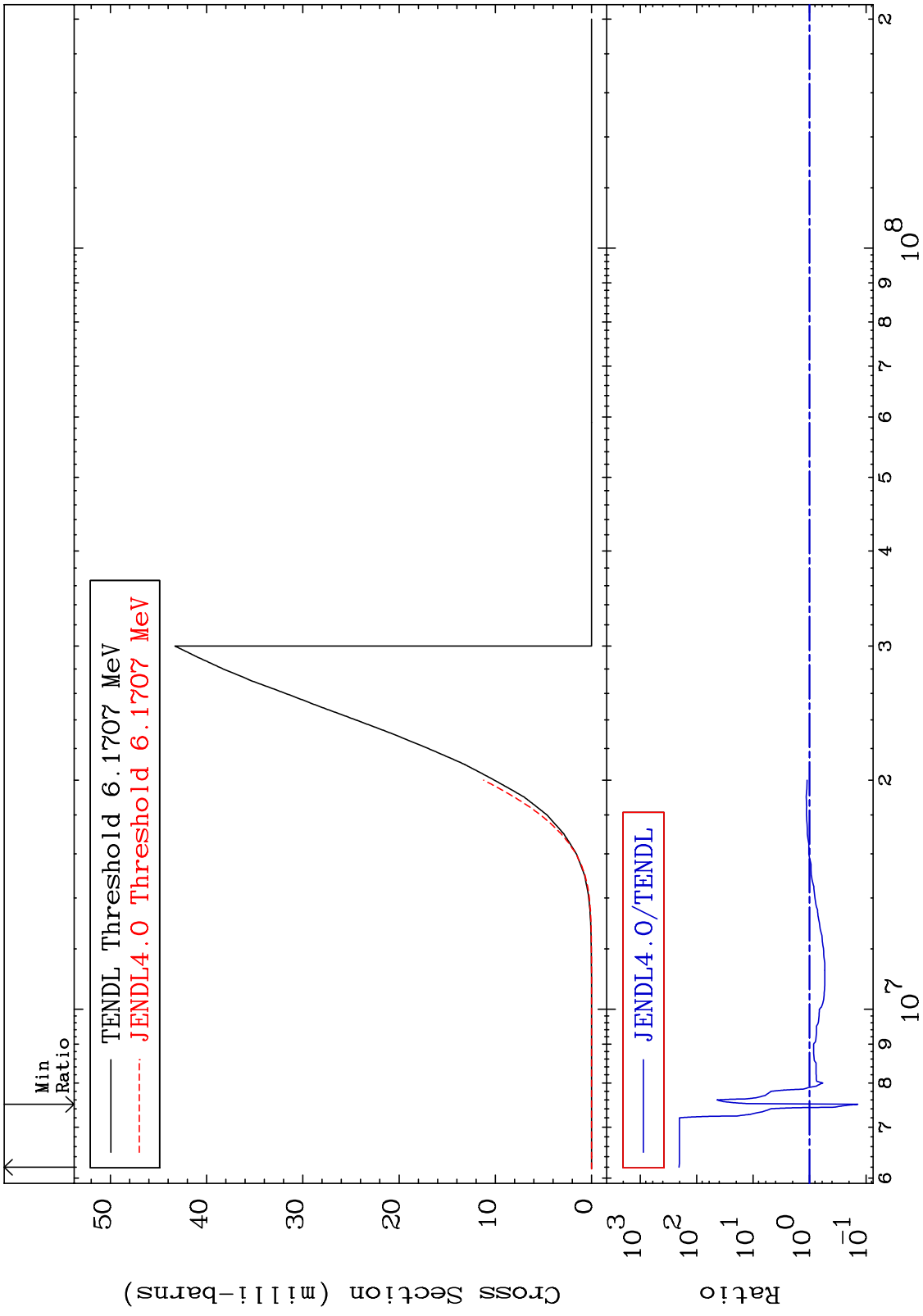
(n, n') α

65-Tb-159

-100.0 To 6276. %

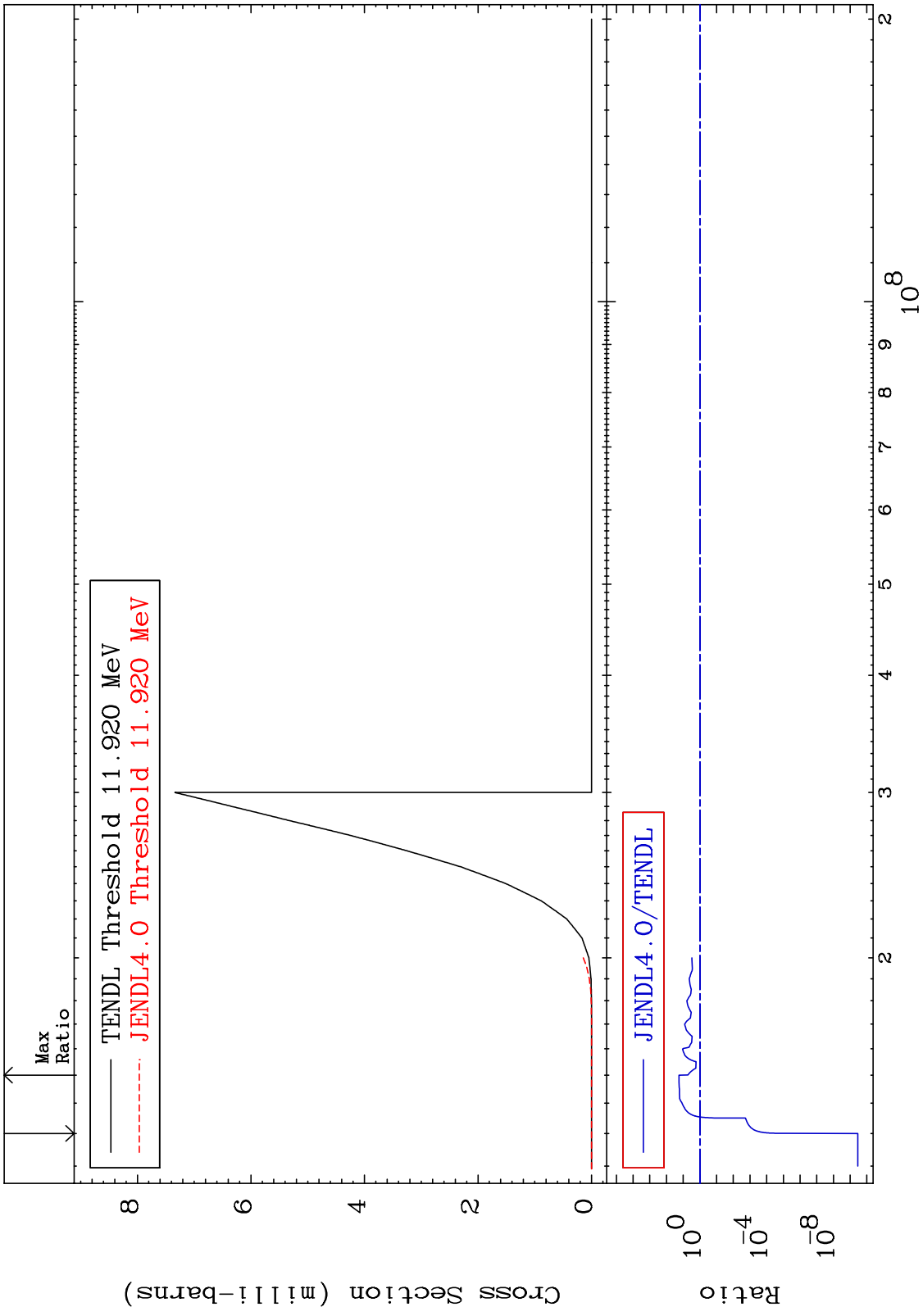


MAT 6525 (n,n') p 65-Tb-159
 Cross Section -86.04 To 9999. %

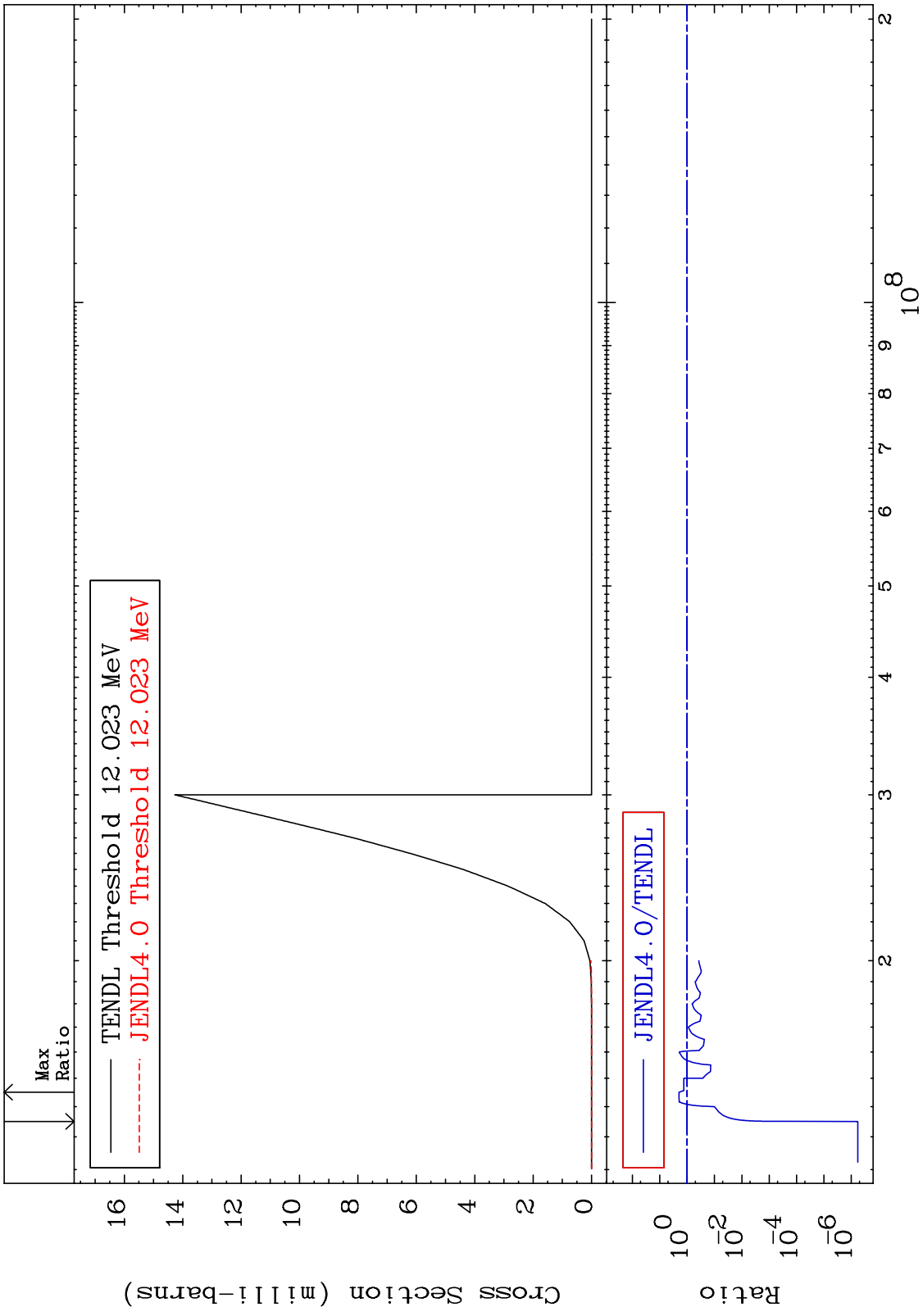


Incident Energy (eV) 65-Tb-159

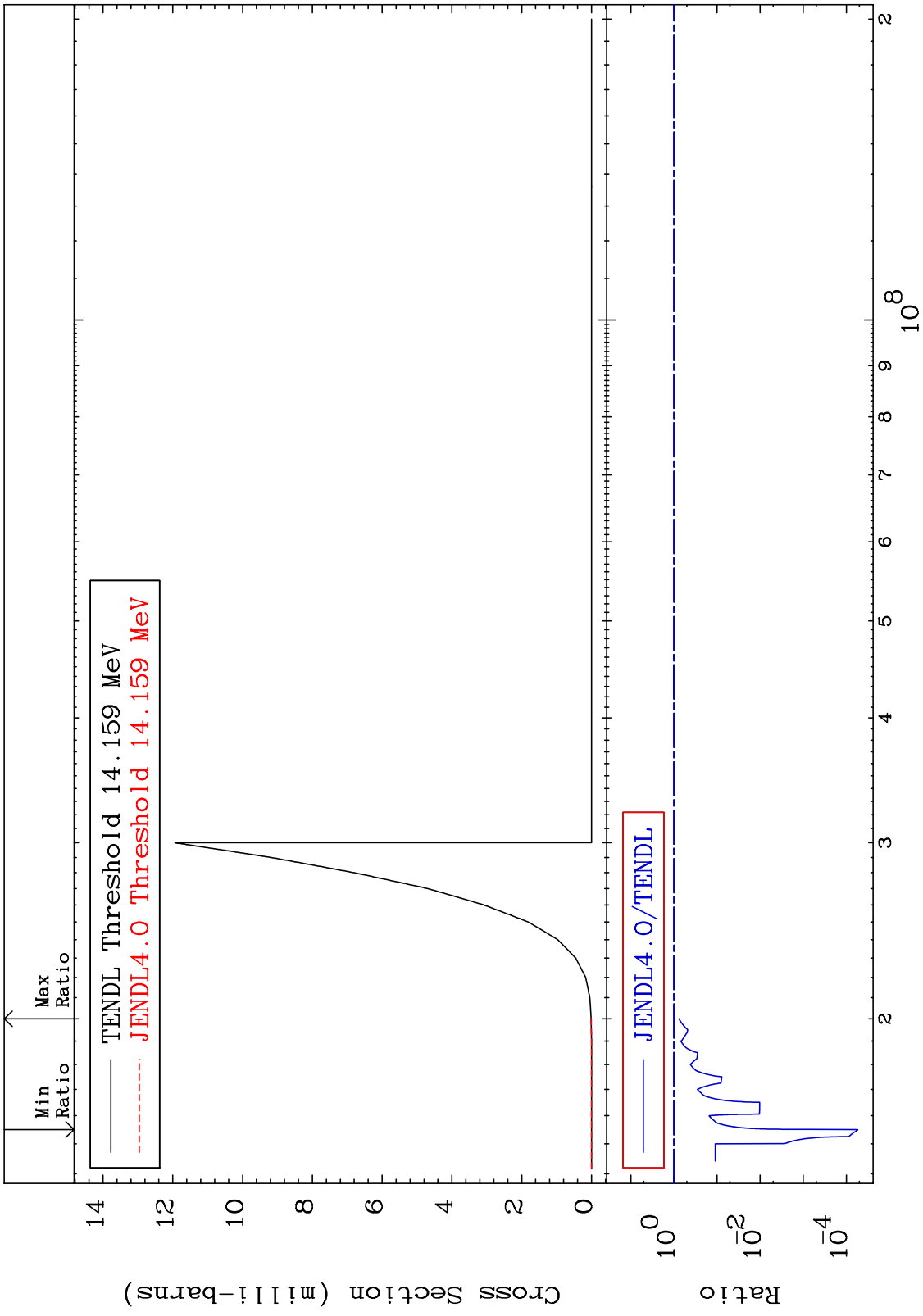
MAT 6525 (n, n') d 65-Tb-159
 Cross Section -100.0 To 1670. %



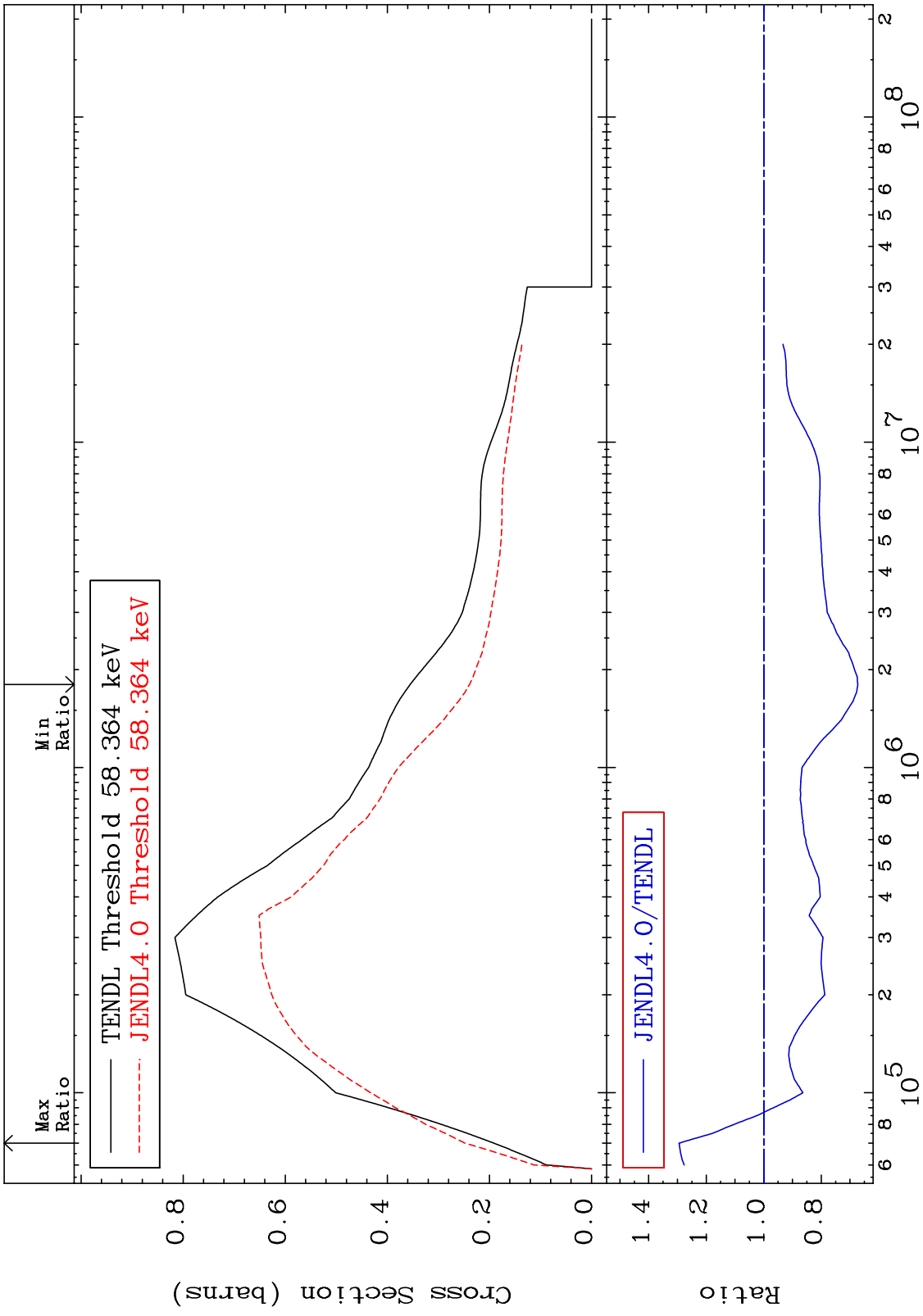
MAT 6525 (n,n') t 65-Tb-159
 Cross Section -100.0 To 97.05 %



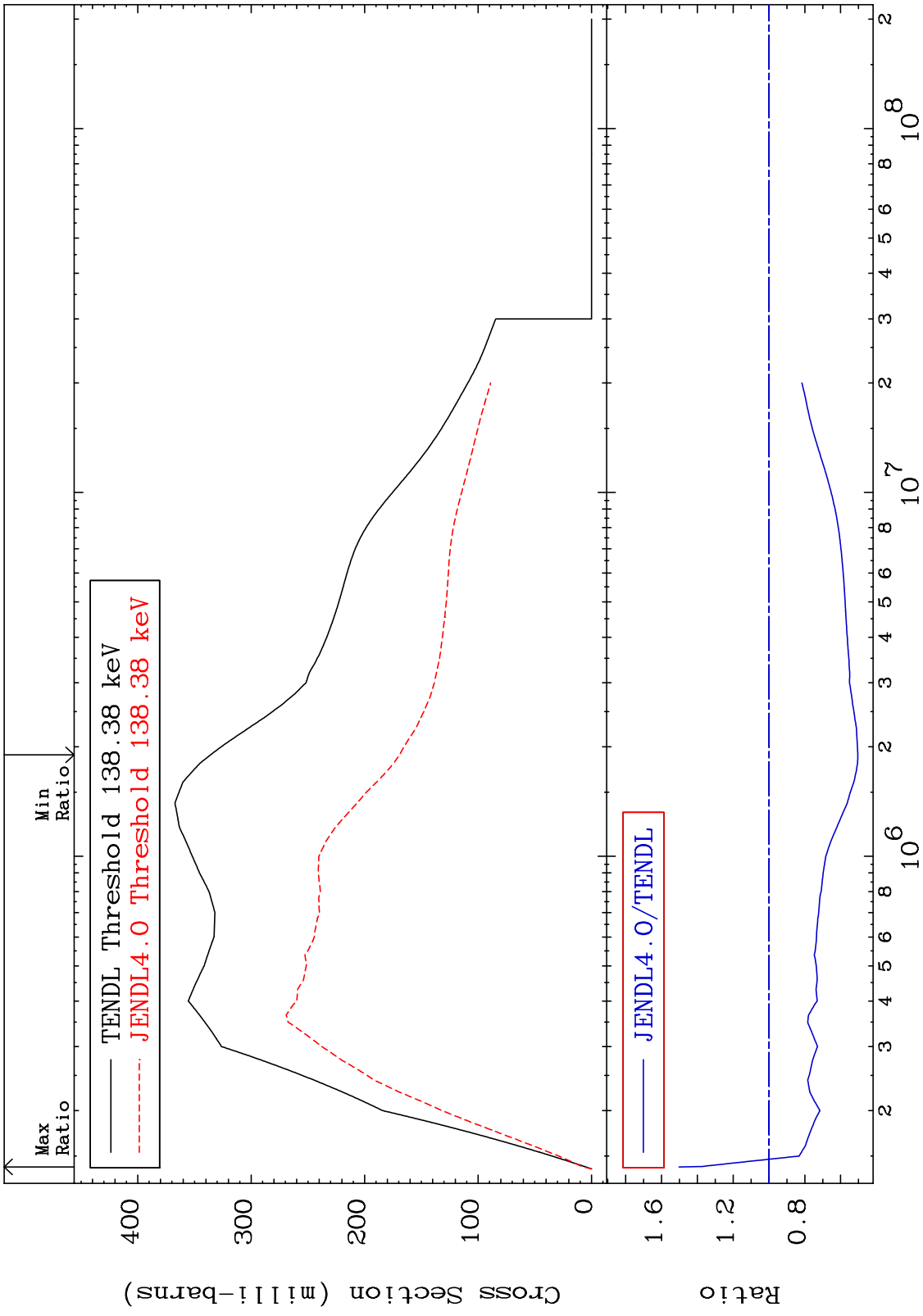
MAT 6525 (n,2n) p 65-Tb-159
 Cross Section -99.99 To -24.04%



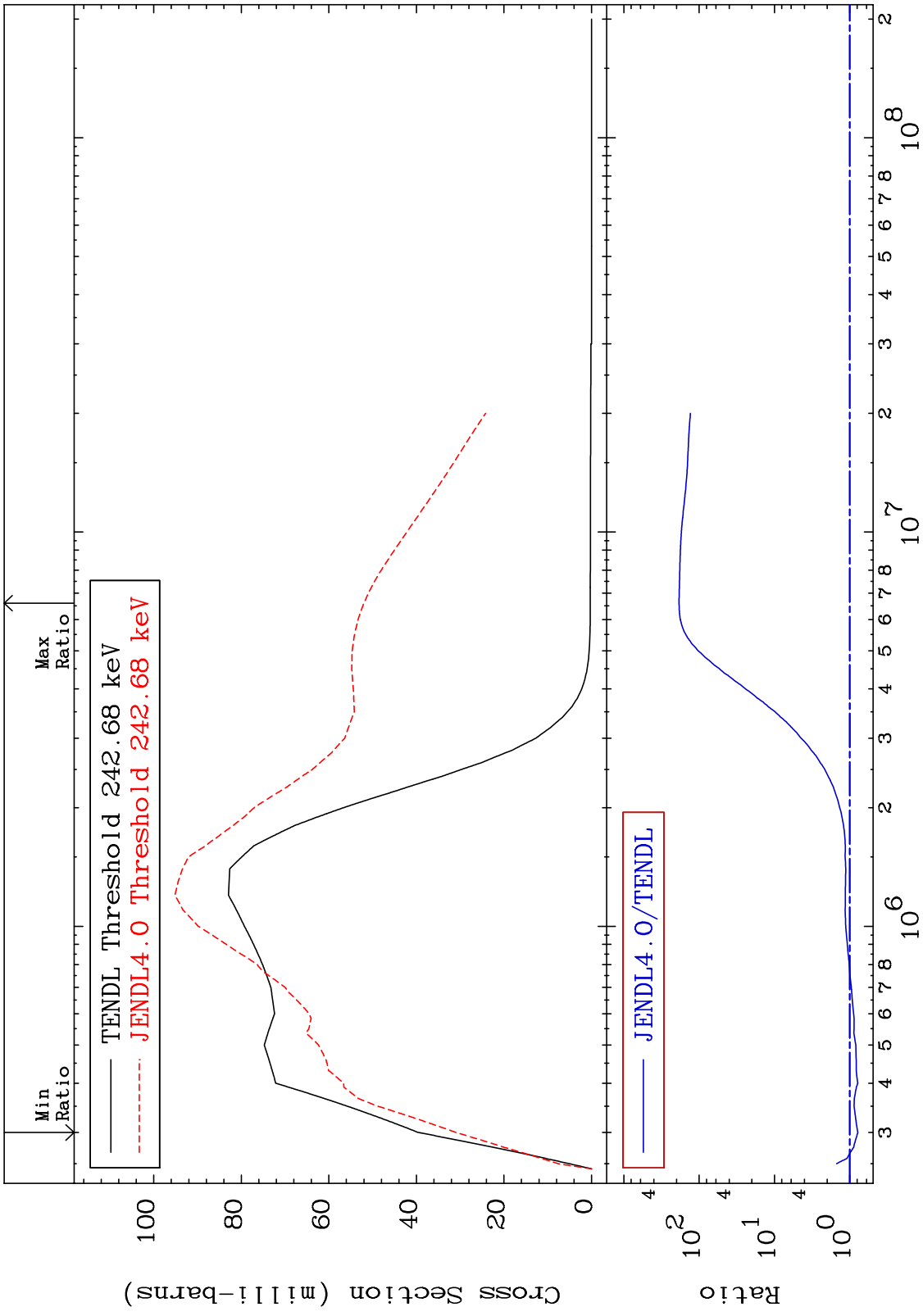
MAT 6525 MT= 51 (n,n') Level Cross Section 65-Tb-159 -32.72 To 29.44 %



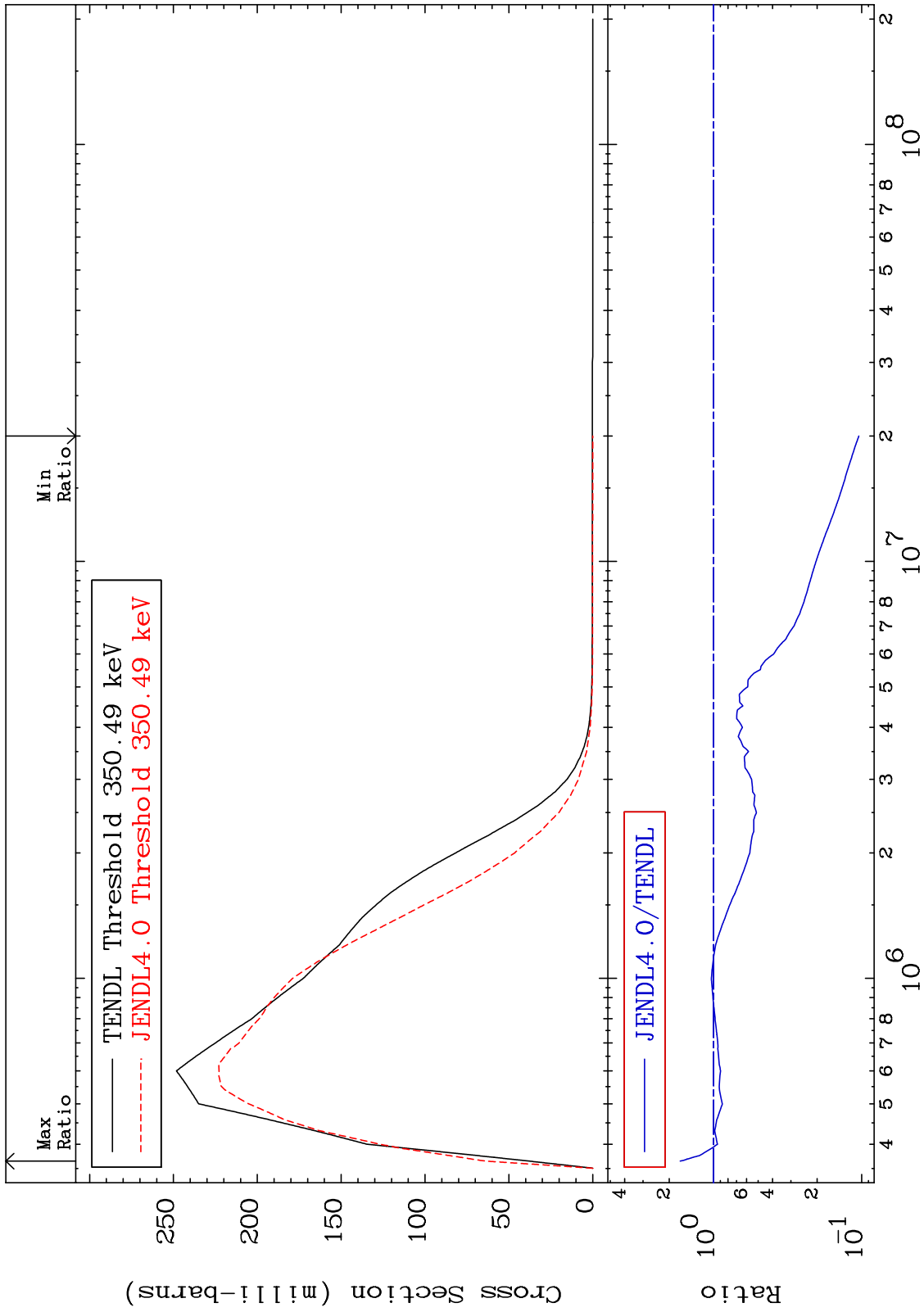
MAT 6525 MT= 52 (n,n') Level Cross Section 65-Tb-159
 -49.61 To 50.19 %



MAT 6525 MT= 53 (n,n') Level 65-Tb-159
 Cross Section -21.80 To 9999. %

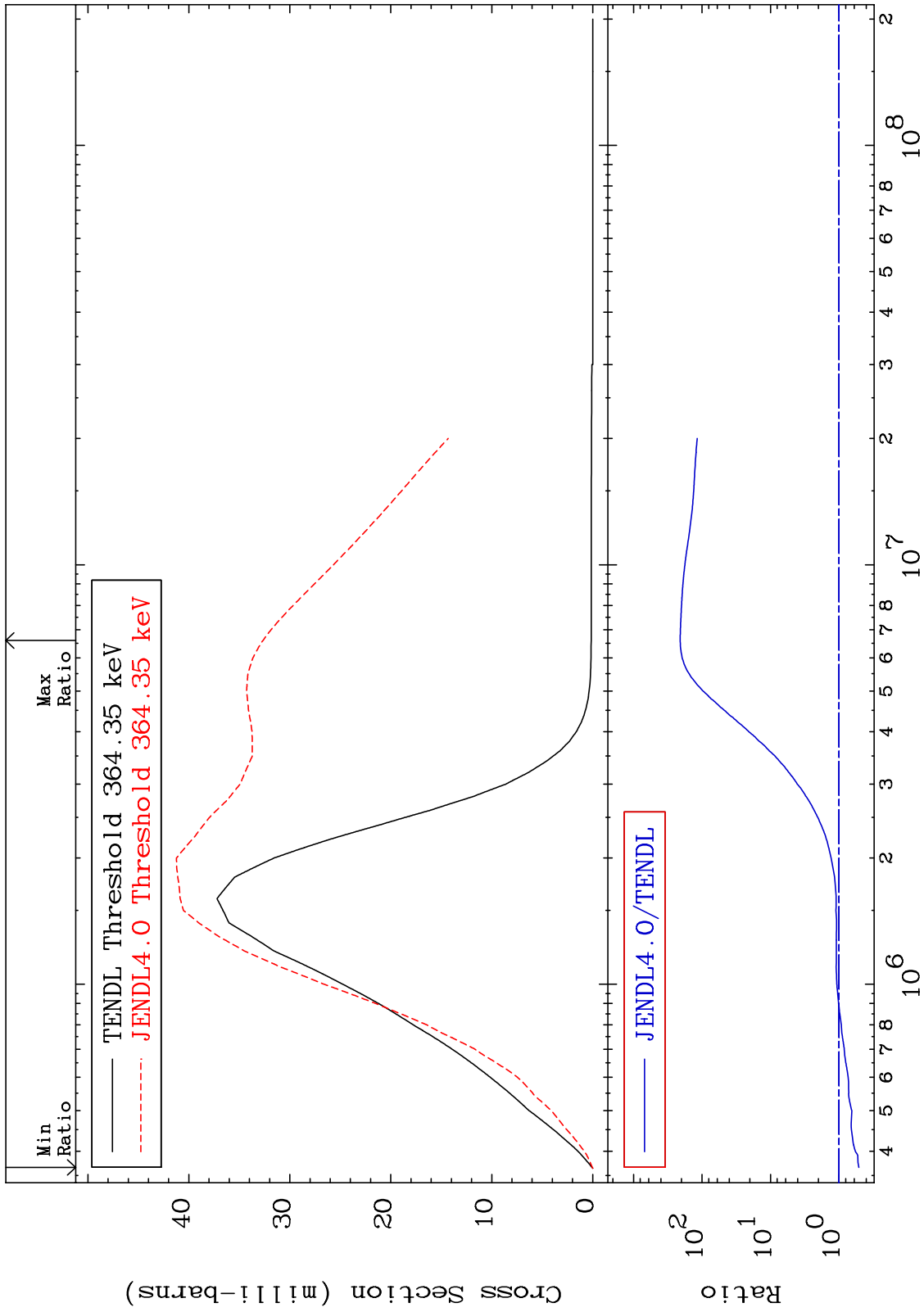


MAT 6525 MT= 54 (n,n') Level Cross Section 65-Tb-159 -89.57 To 68.31 %

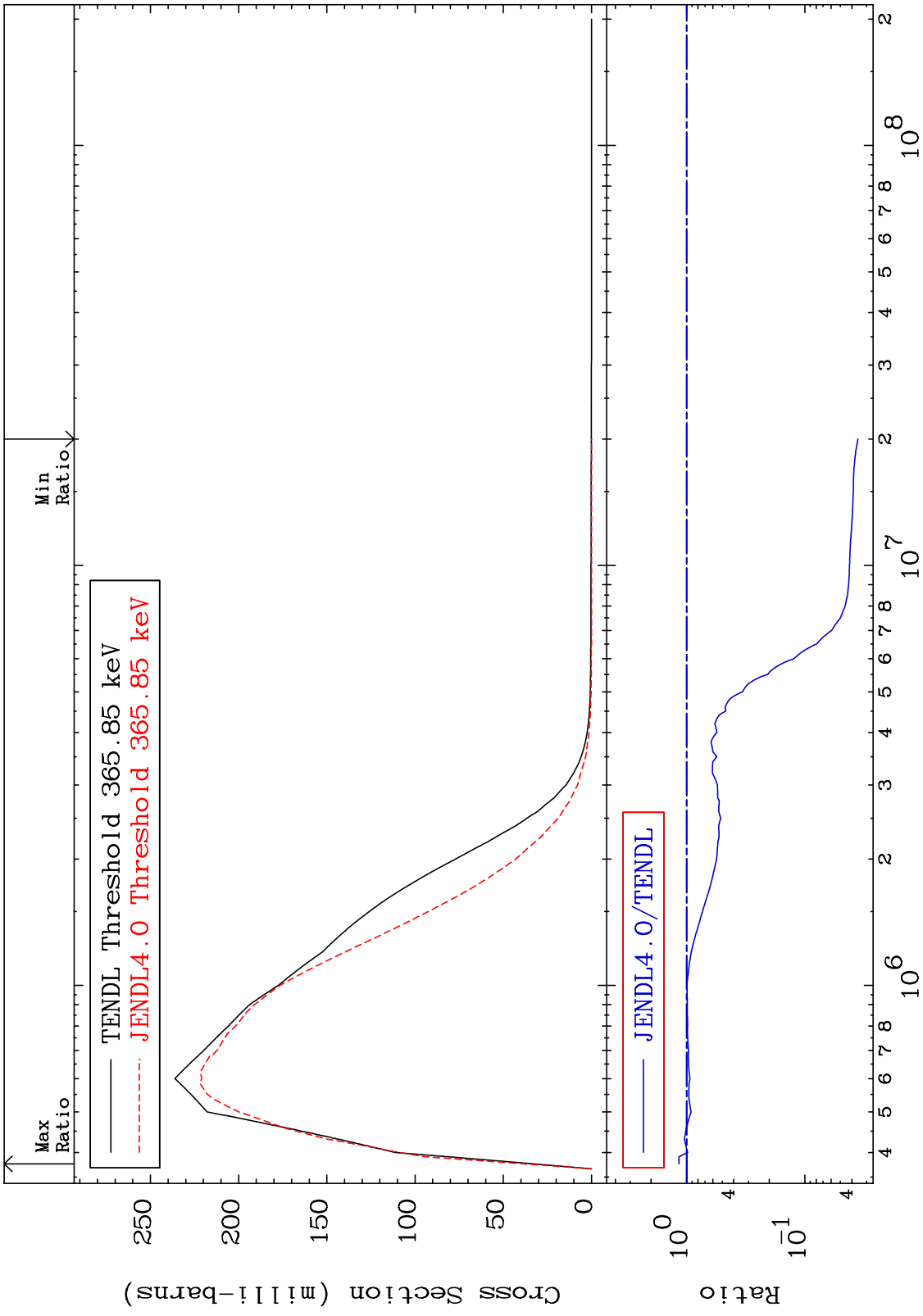


14 65-Tb-159

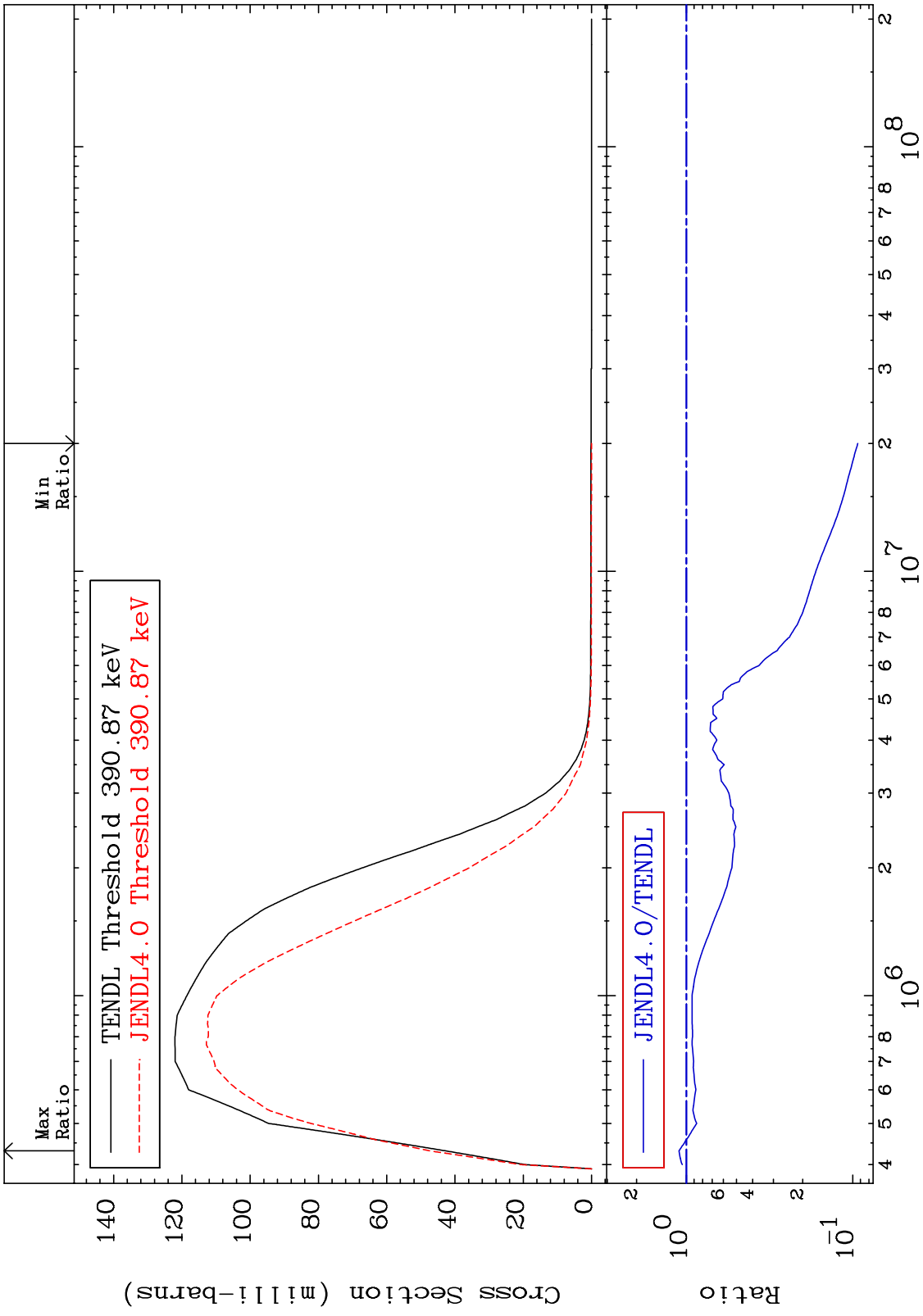
MAT 6525 MT= 55 (n,n') Level Cross Section 65-Tb-159
 -48.75 To 9999. %



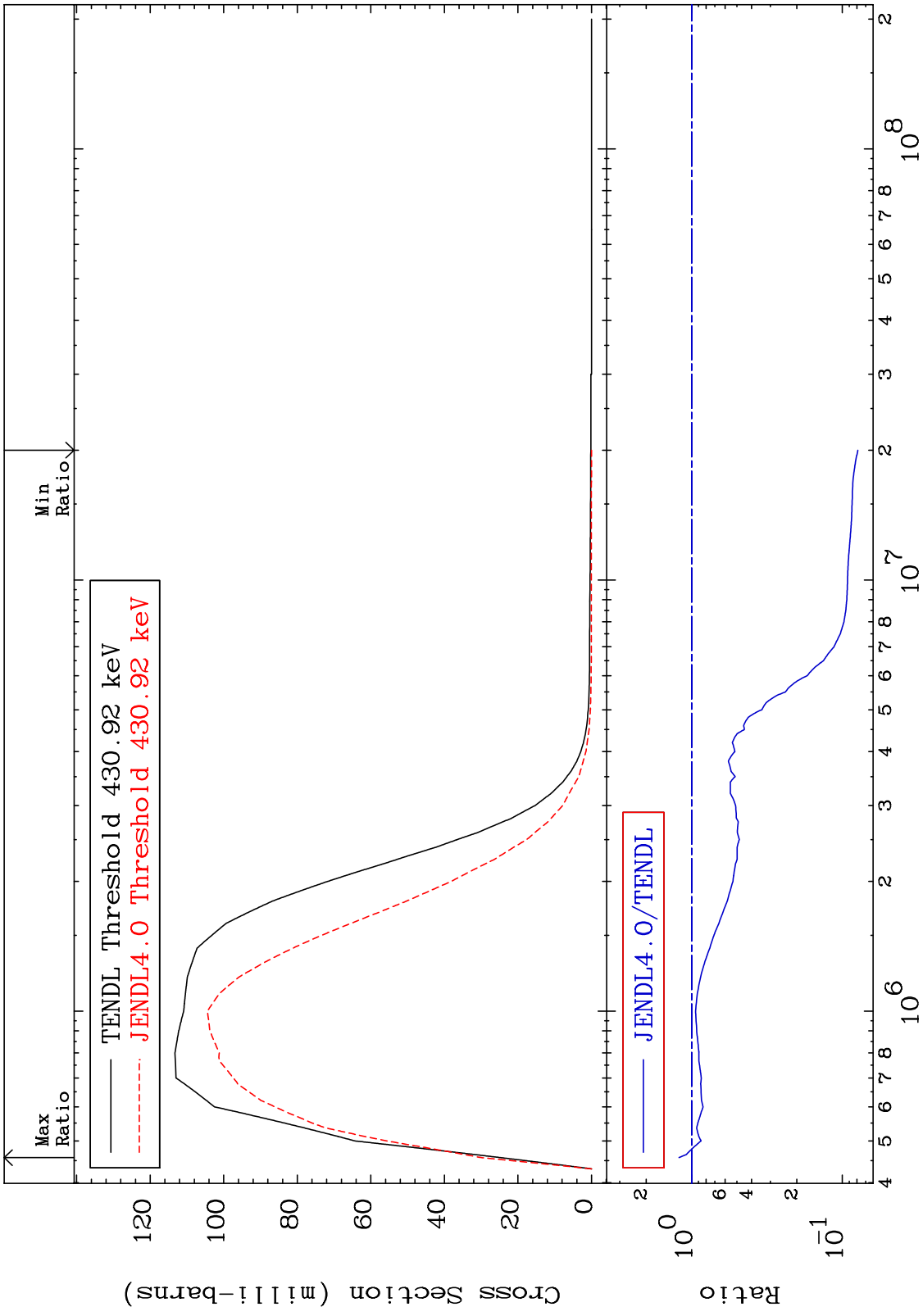
MAT 6525 MT= 56 (n,n') Level Cross Section 65-Tb-159 -96.44 To 15.83 %



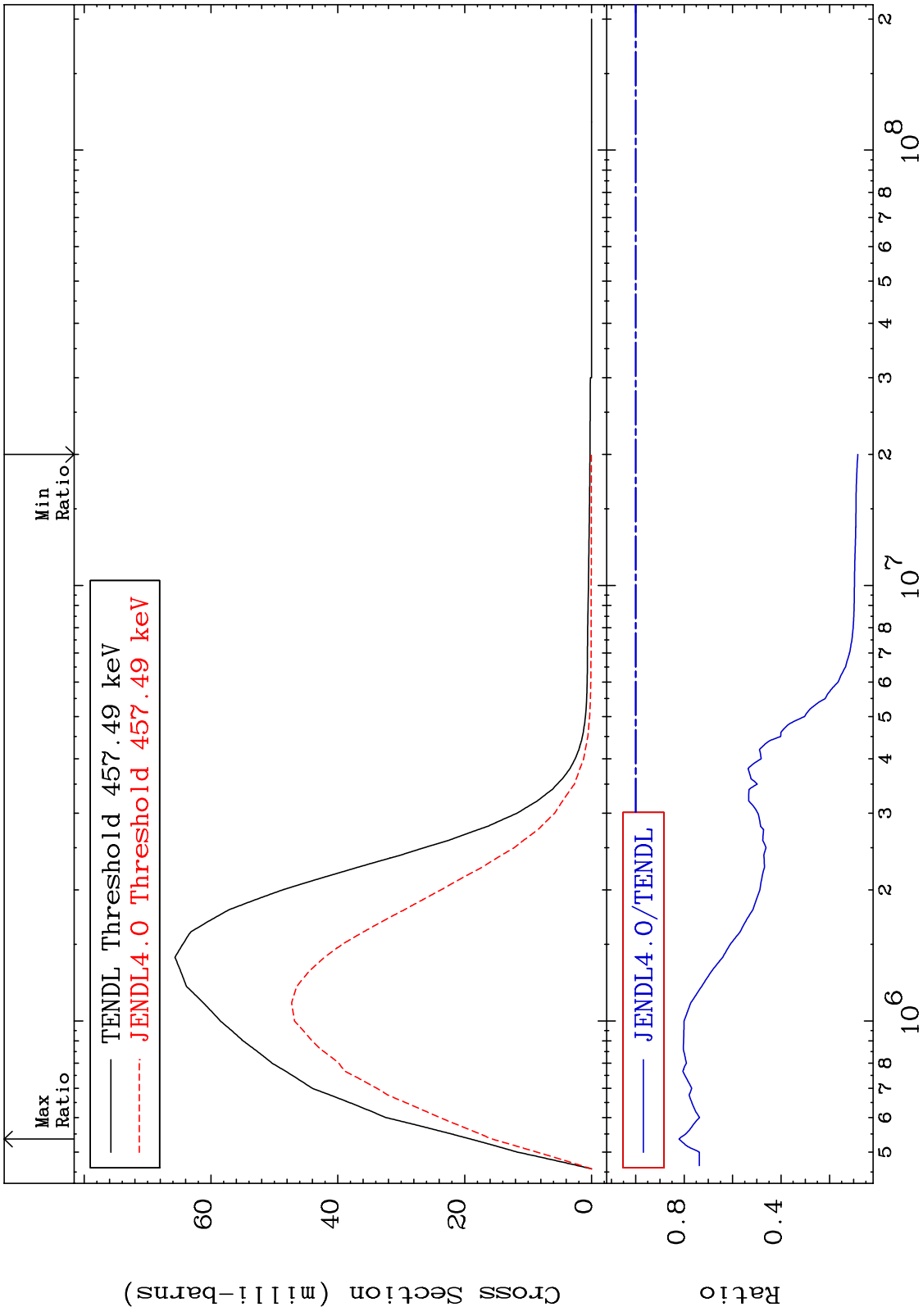
MAT 6525 MT= 57 (n,n') Level Cross Section 65-Tb-159 -90.68 To 10.88 %



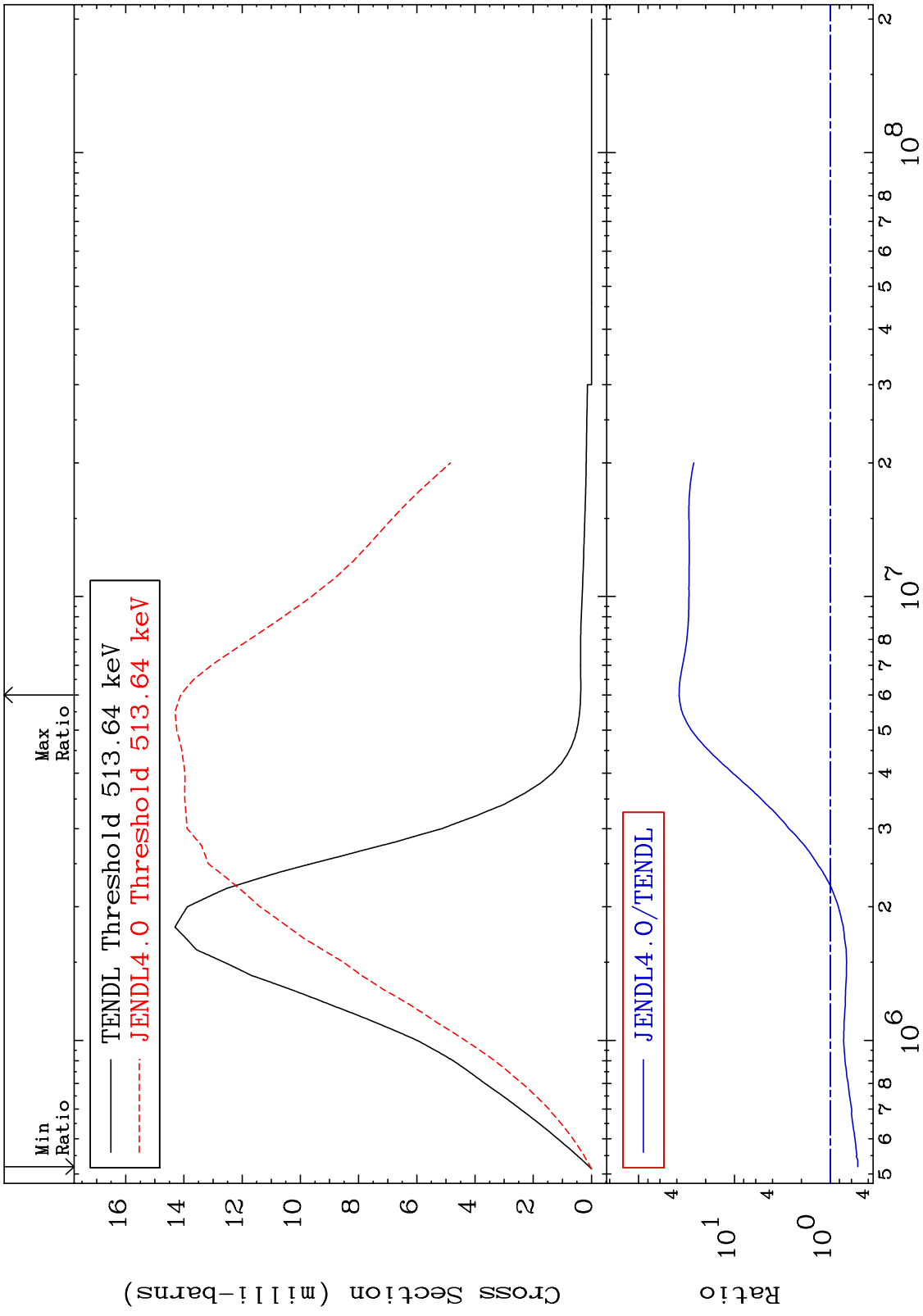
MAT 6525 MT= 58 (n,n') Level Cross Section 65-Tb-159 -92.12 To 21.13 %



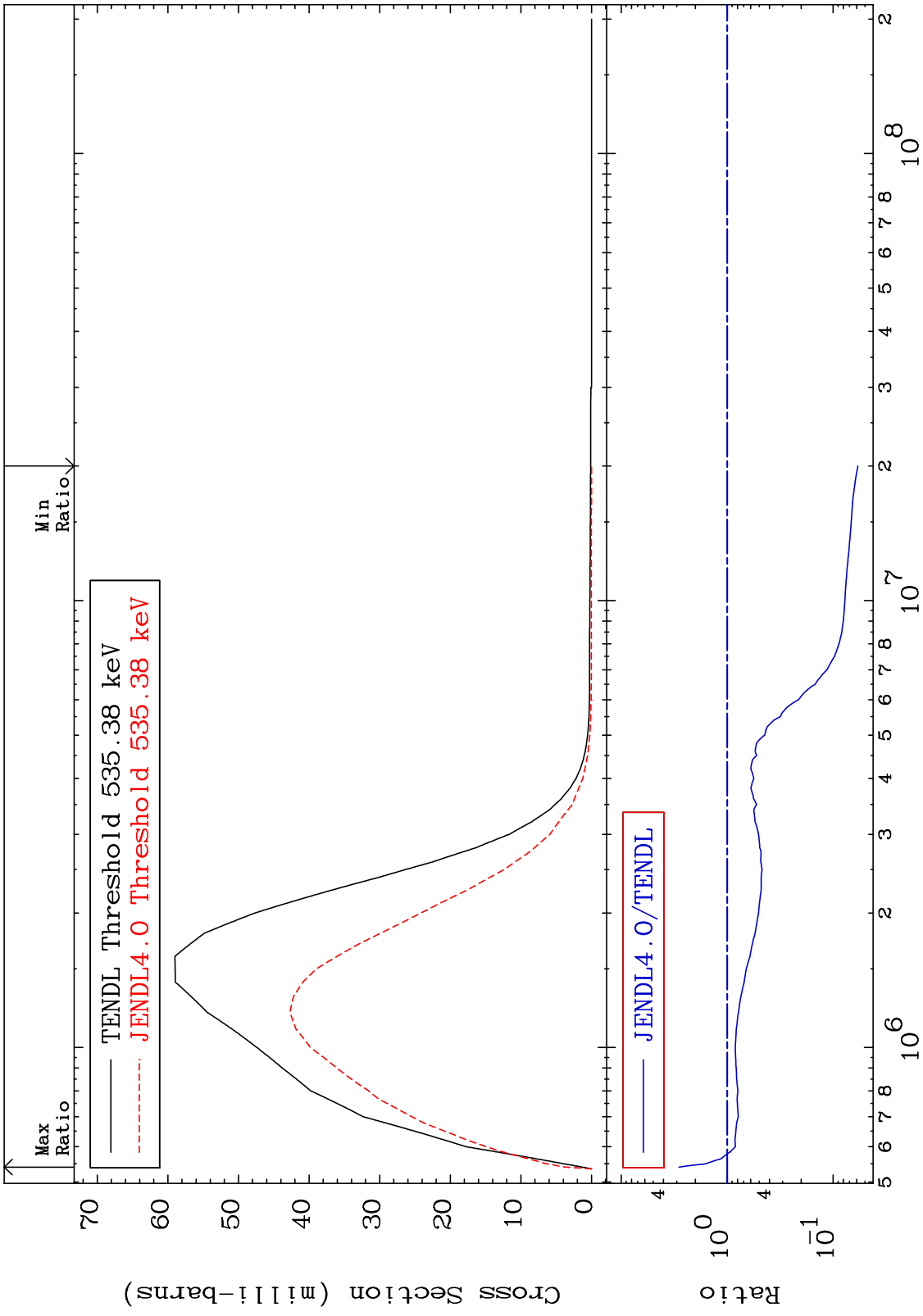
MAT 6525 MT= 59 (n,n') Level Cross Section 65-Tb-159 -91.69 To -17.90%



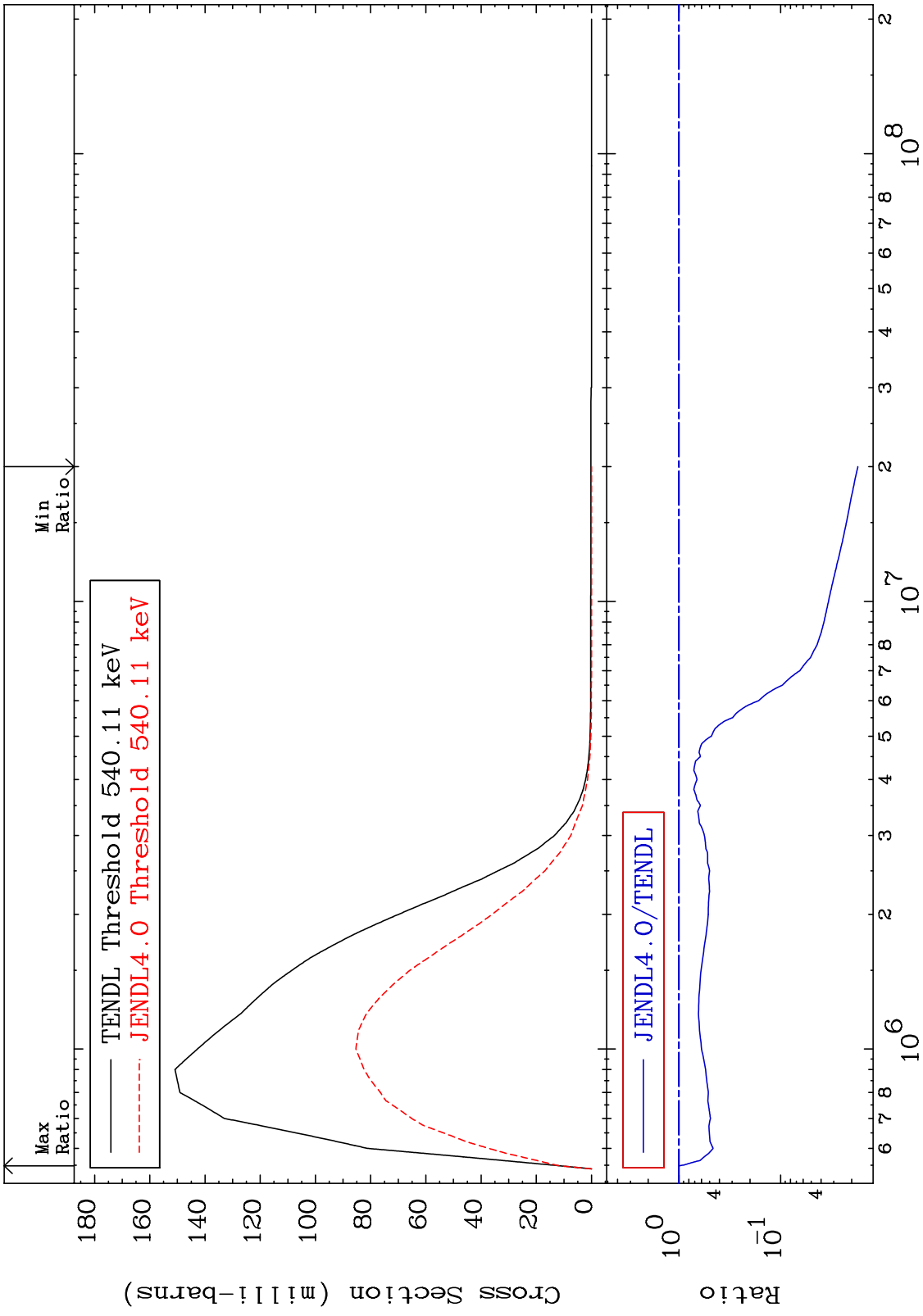
MAT 6525 MT= 60 (n,n') Level 65-Tb-159
 Cross Section -48.52 To 3685. %



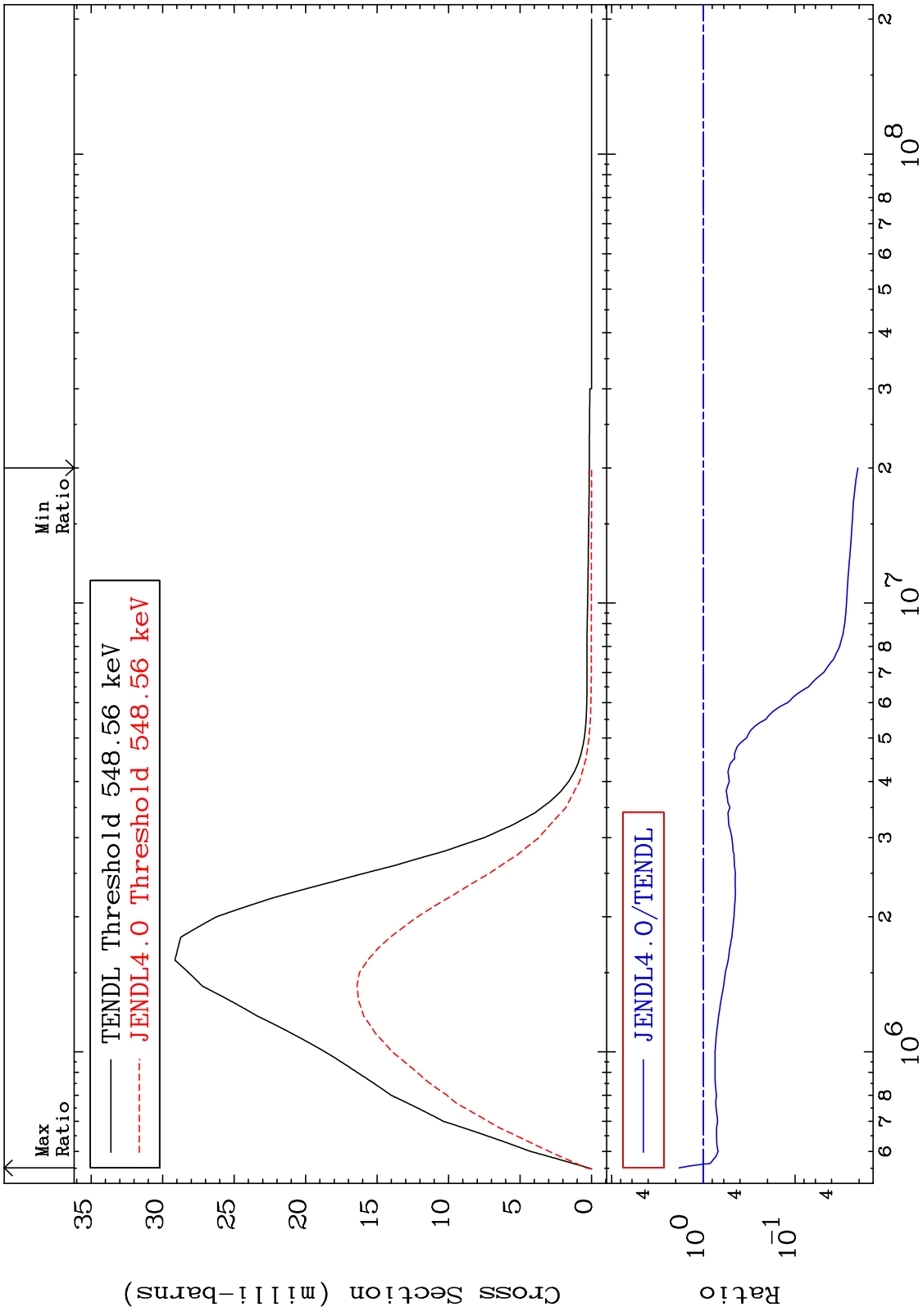
MAT 6525 MT= 61 (n,n') Level Cross Section 65-Tb-159 -94.15 To 185.1 %



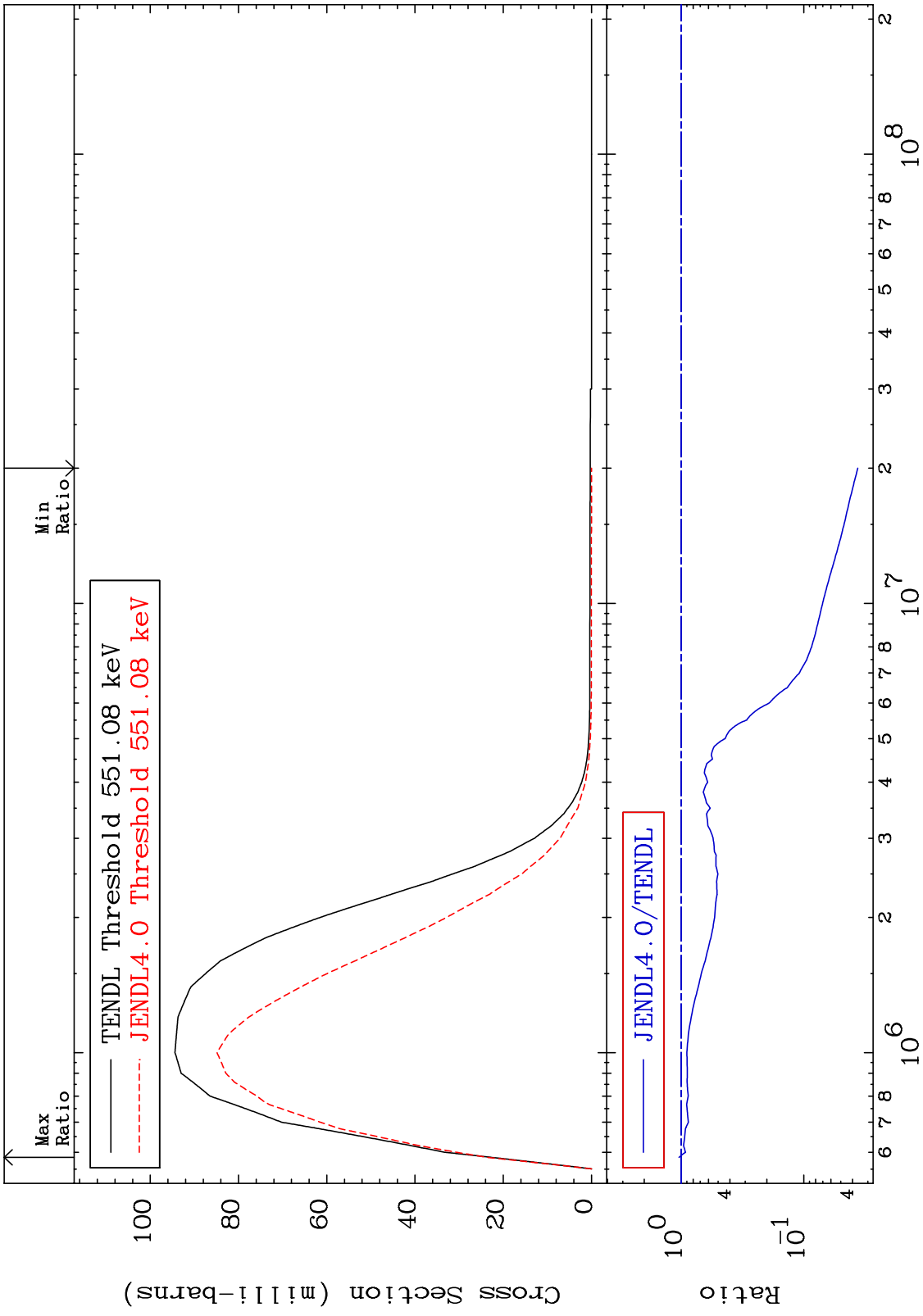
MAT 6525 MT= 62 (n,n') Level Cross Section 65-Tb-159 -98.26 To -0.401%



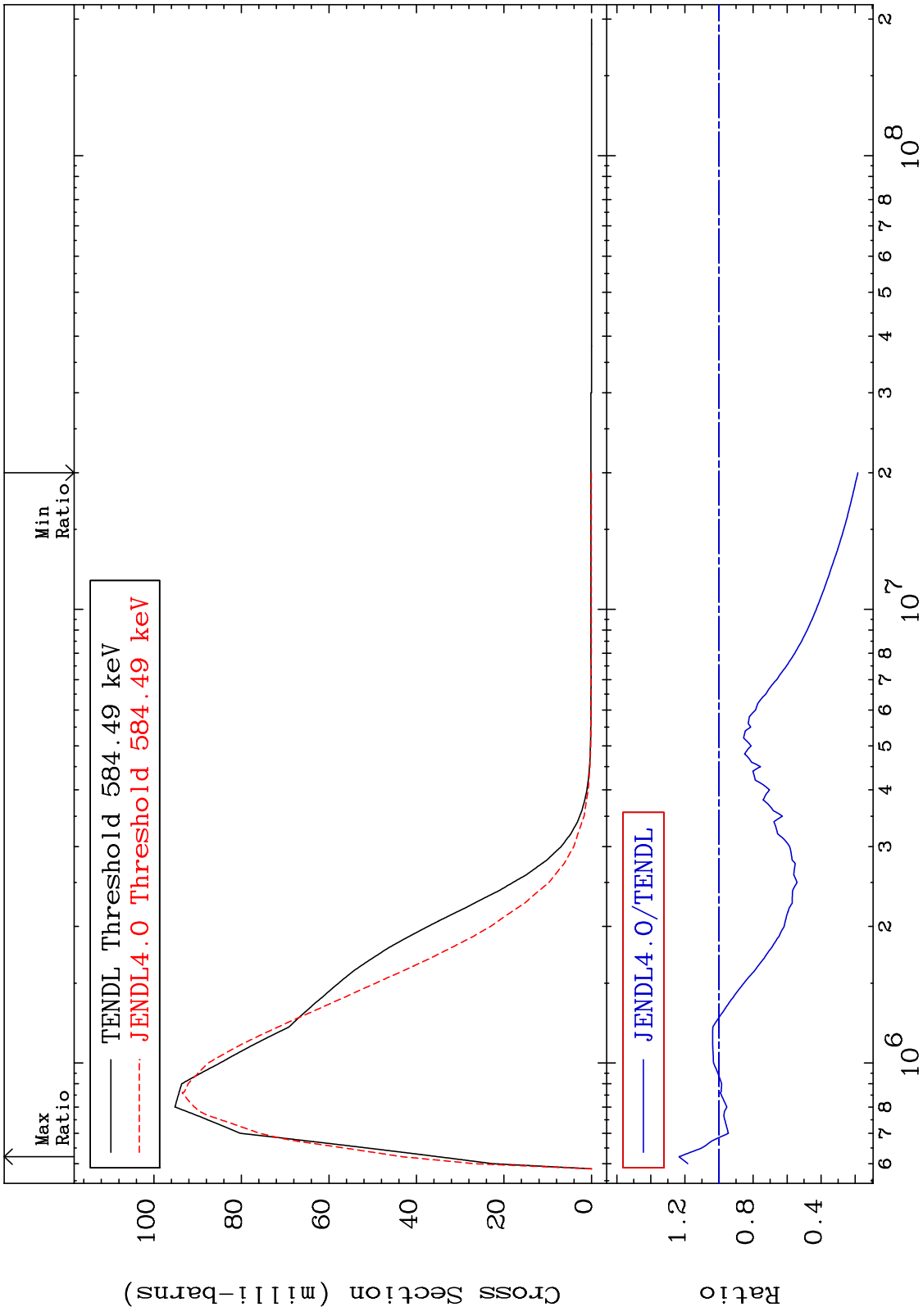
MAT 6525 MT= 63 (n,n') Level Cross Section 65-Tb-159 -97.93 To 84.36 %



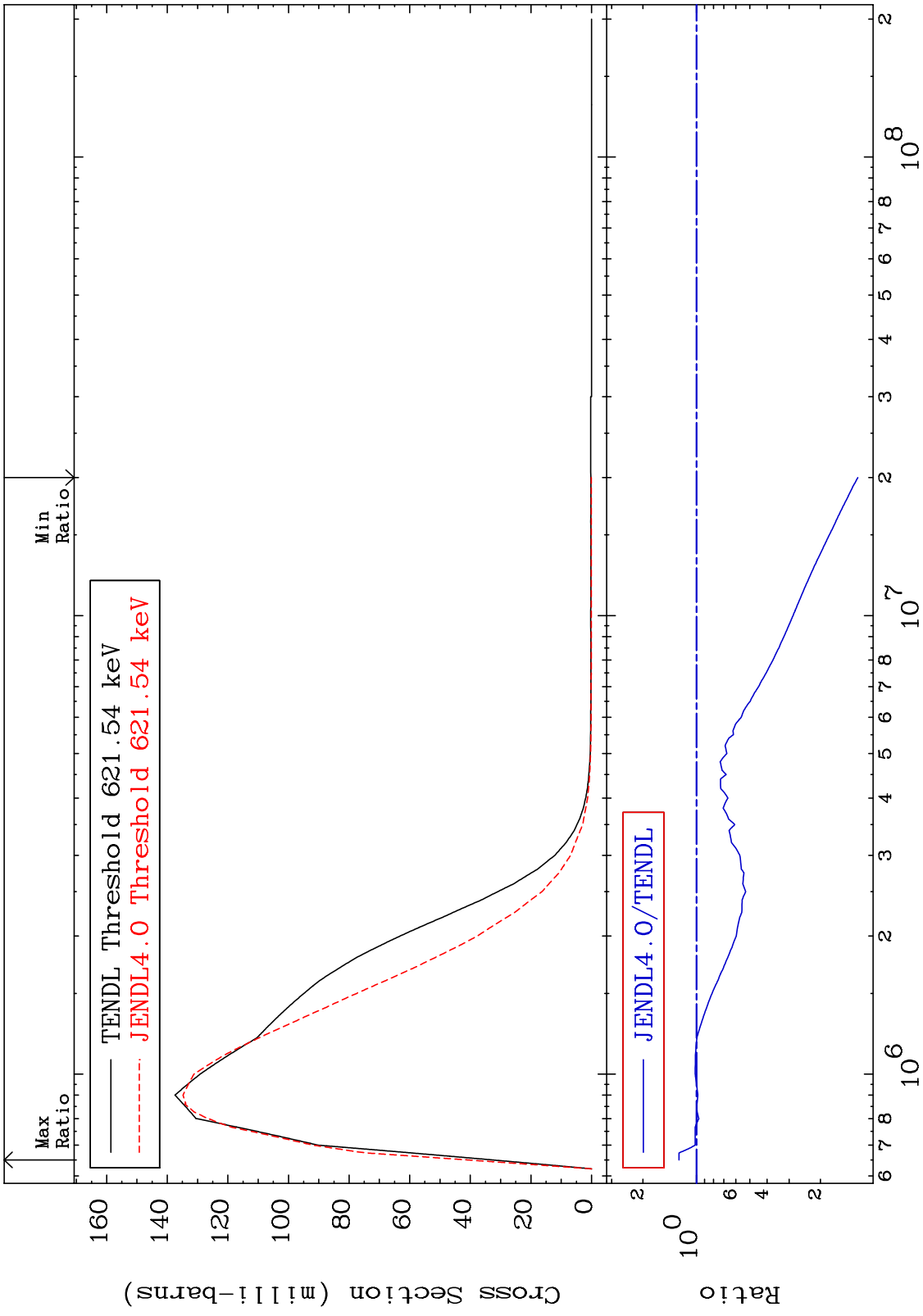
MAT 6525 MT= 64 (n,n') Level Cross Section 65-Tb-159 -96.38 To 4.136 %



MAT 6525 MT= 65 (n,n') Level Cross Section 65-Tb-159
 -81.55 To 23.45 %

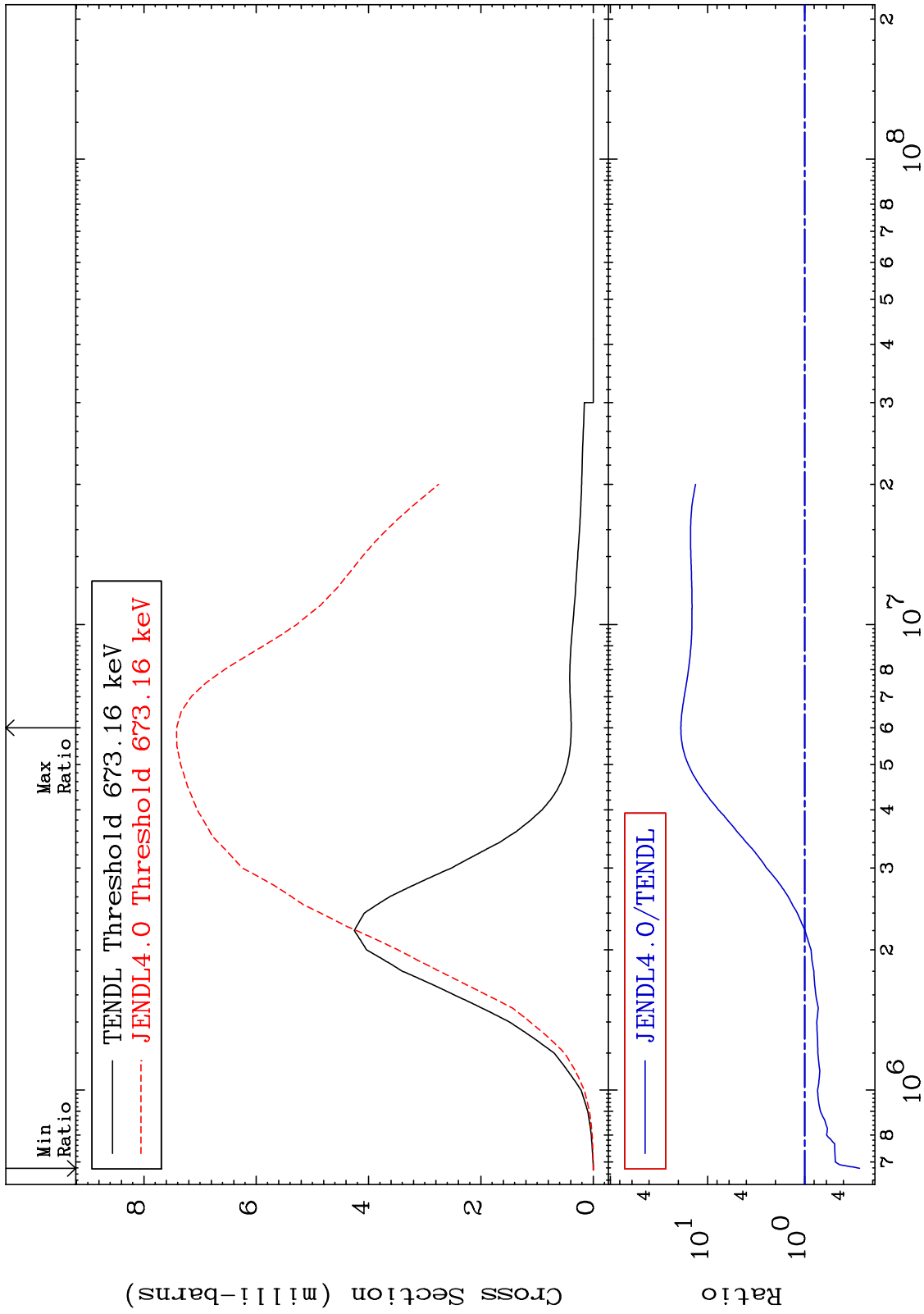


MAT 6525 MT= 66 (n,n') Level Cross Section 65-Tb-159
 -87.69 To 25.22 %

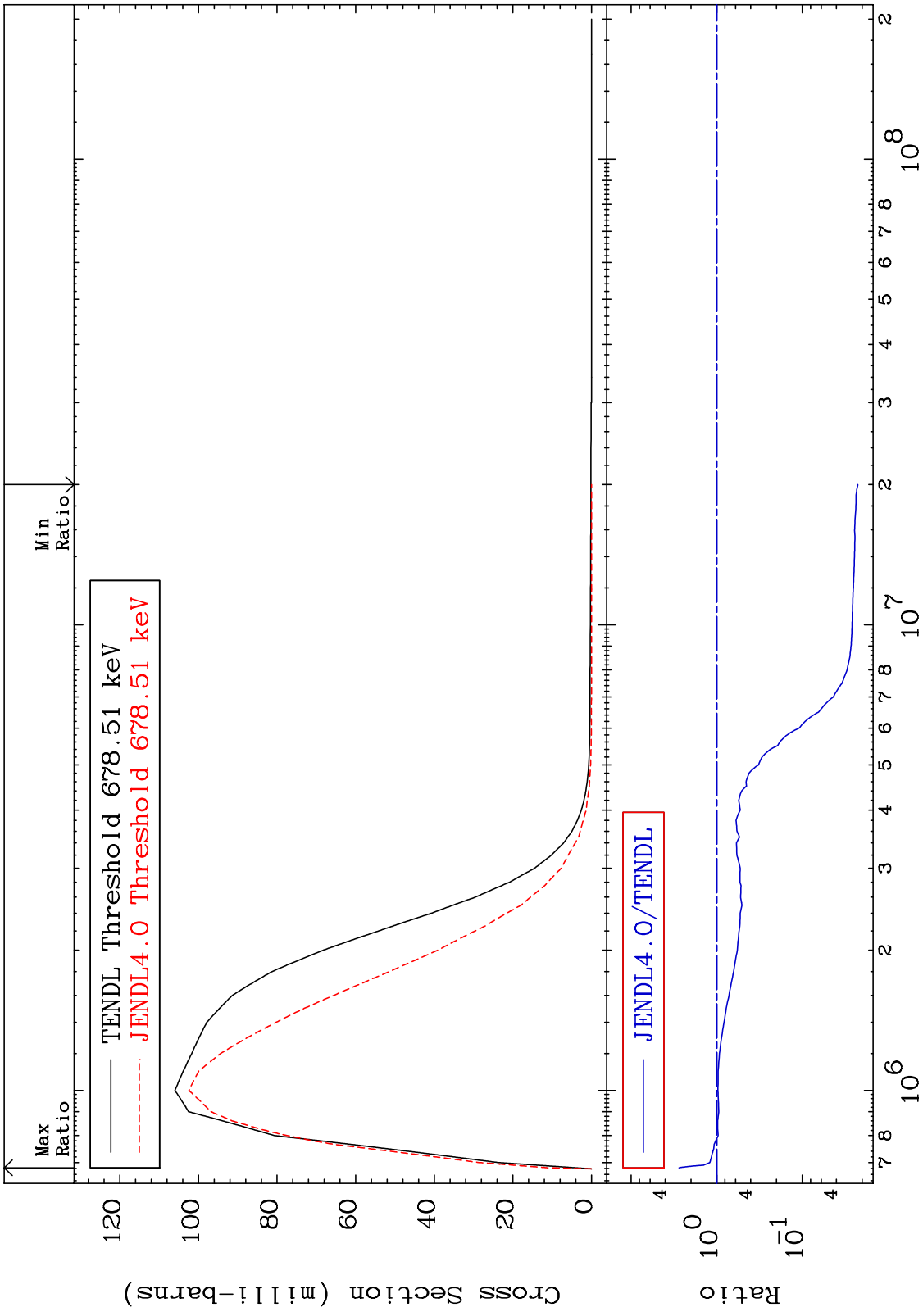


26 65-Tb-159

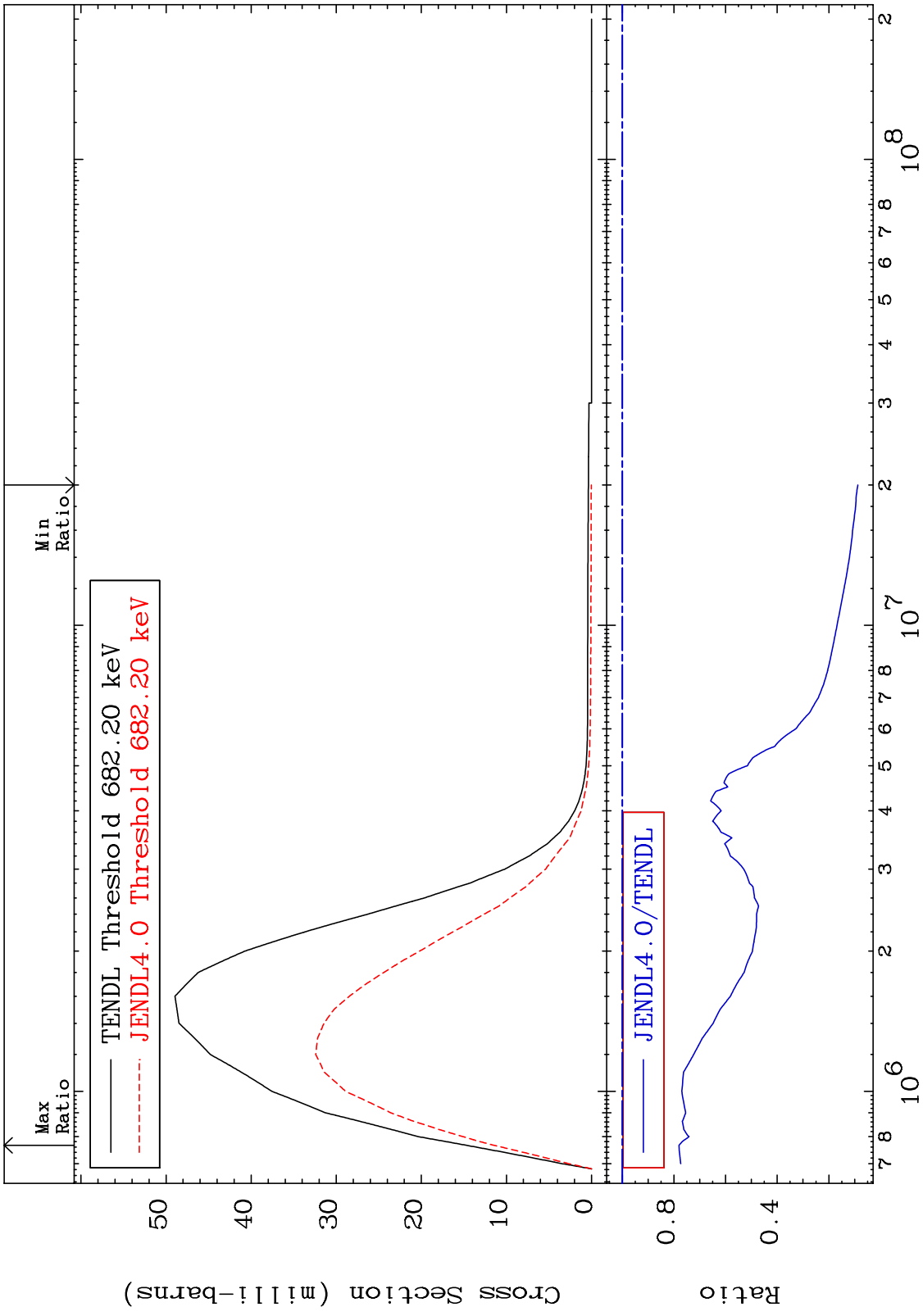
MAT 6525 MT= 67 (n,n') Level Cross Section 65-Tb-159
 -72.78 To 1785. %



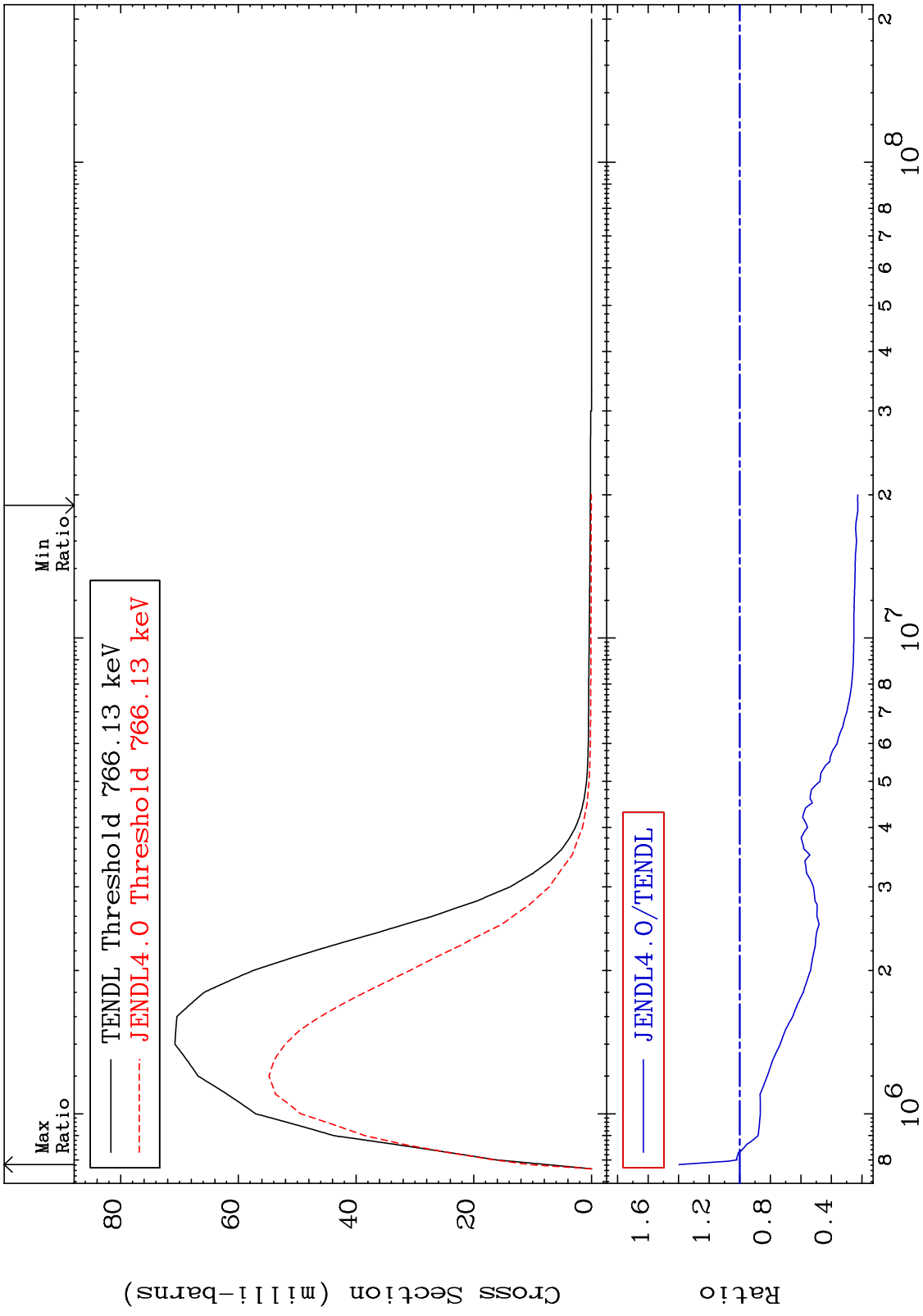
MAT 6525 MT= 68 (n,n') Level Cross Section 65-Tb-159 -97.76 To 175.4 %



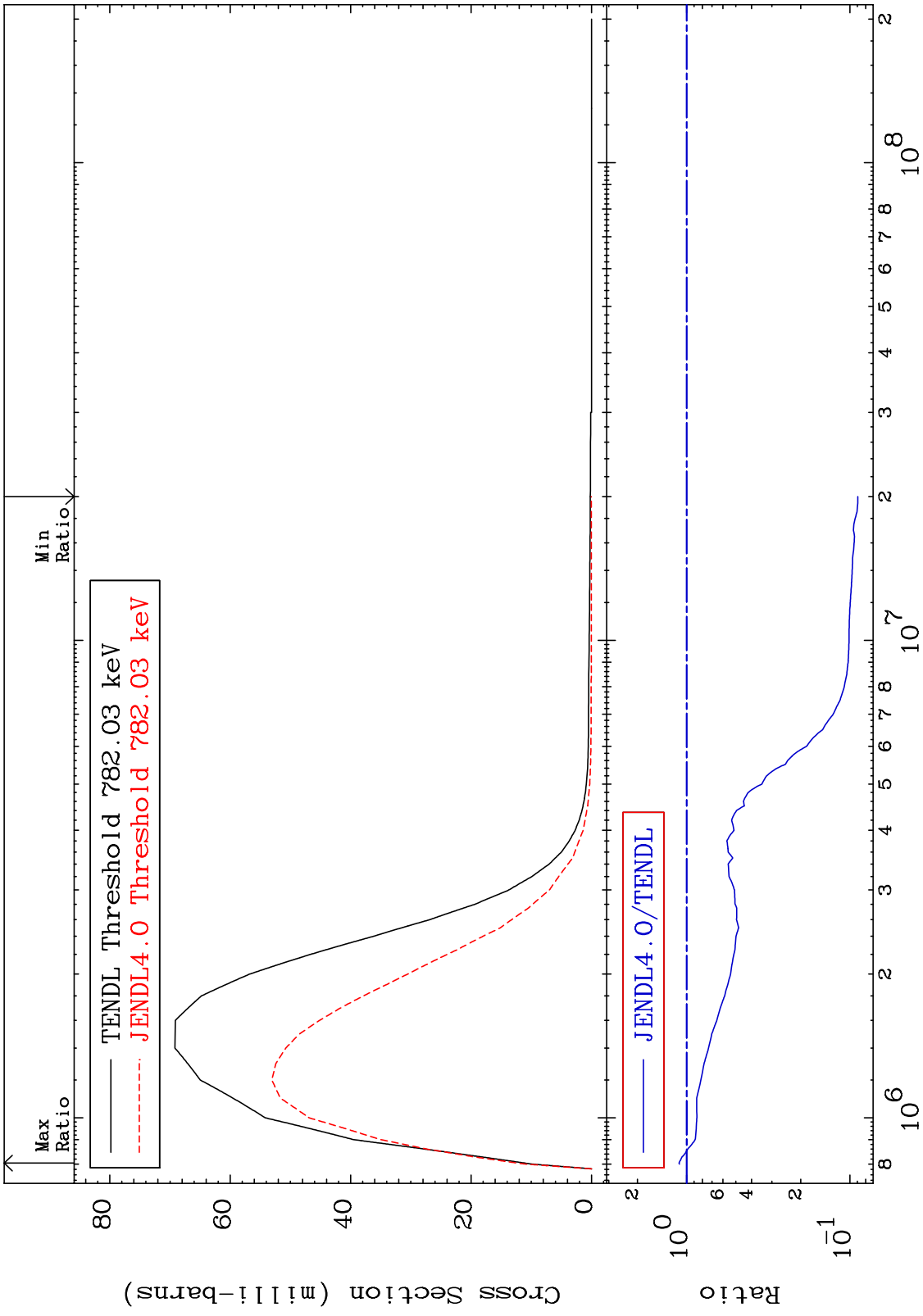
MAT 6525 MT= 69 (n,n') Level Cross Section 65-Tb-159 -91.23 To -21.98%



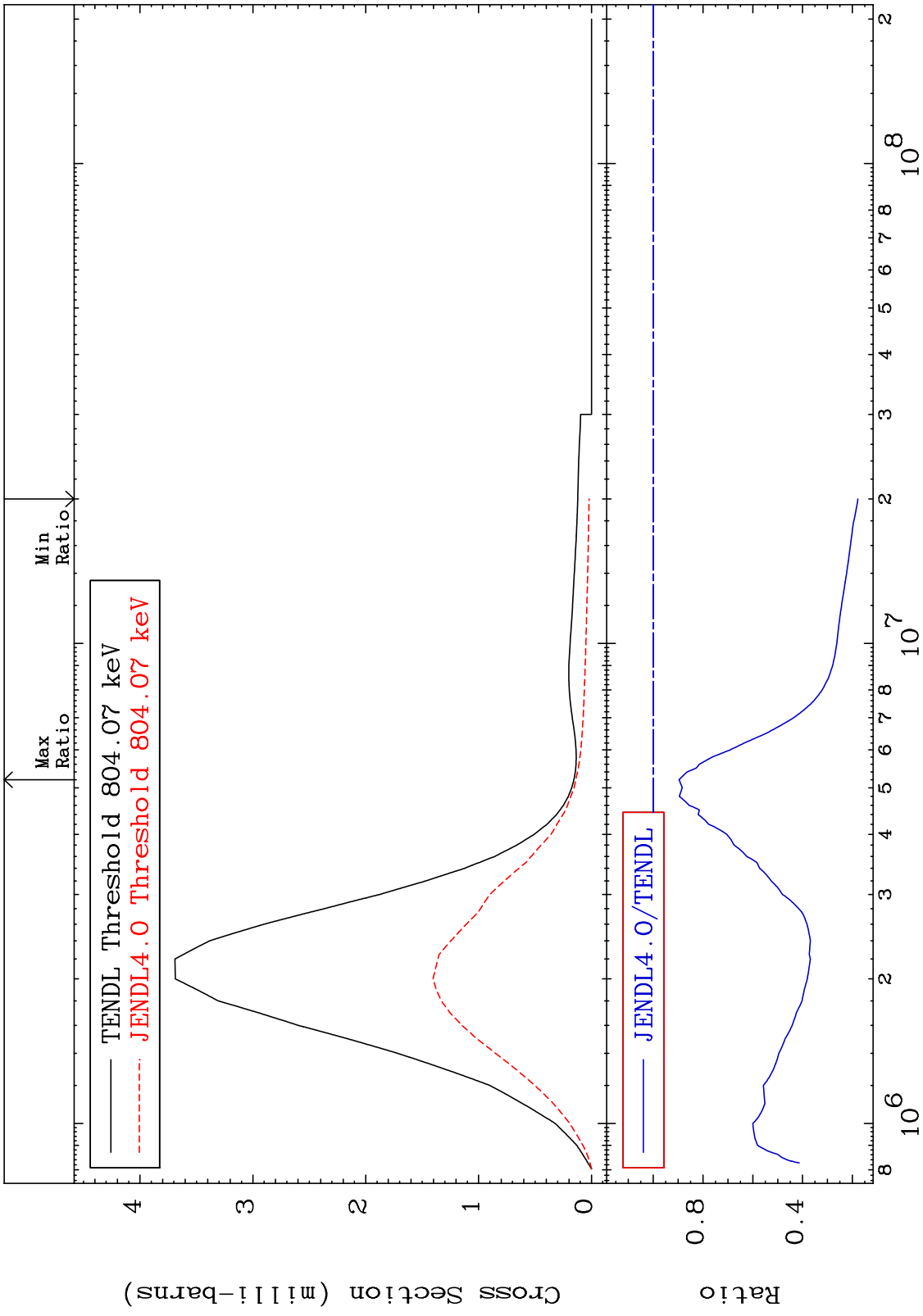
MAT 6525 MT= 70 (n,n') Level Cross Section 65-Tb-159 -77.29 To 39.74 %



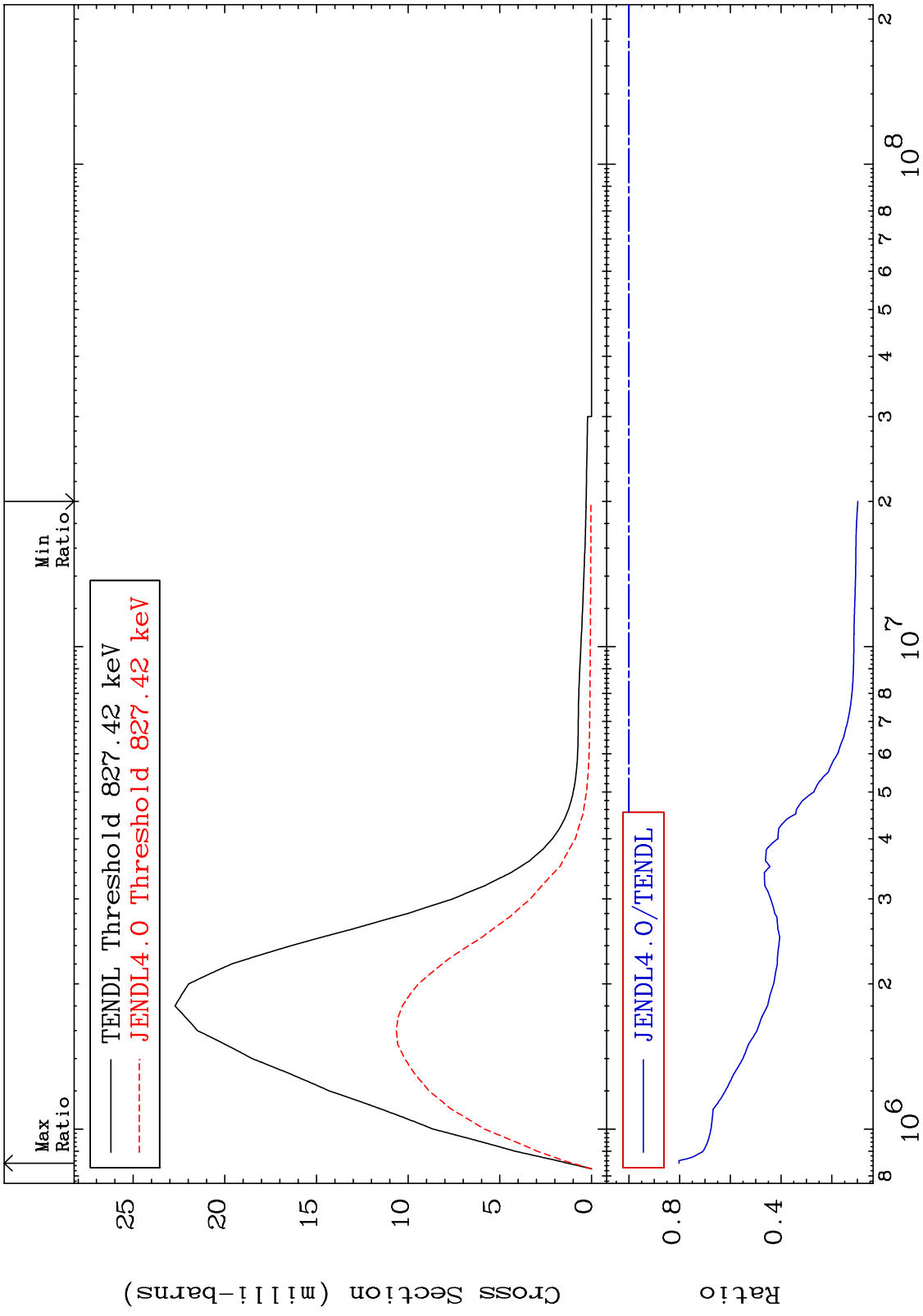
MAT 6525 MT= 71 (n,n') Level Cross Section 65-Tb-159 -91.07 To 11.30 %



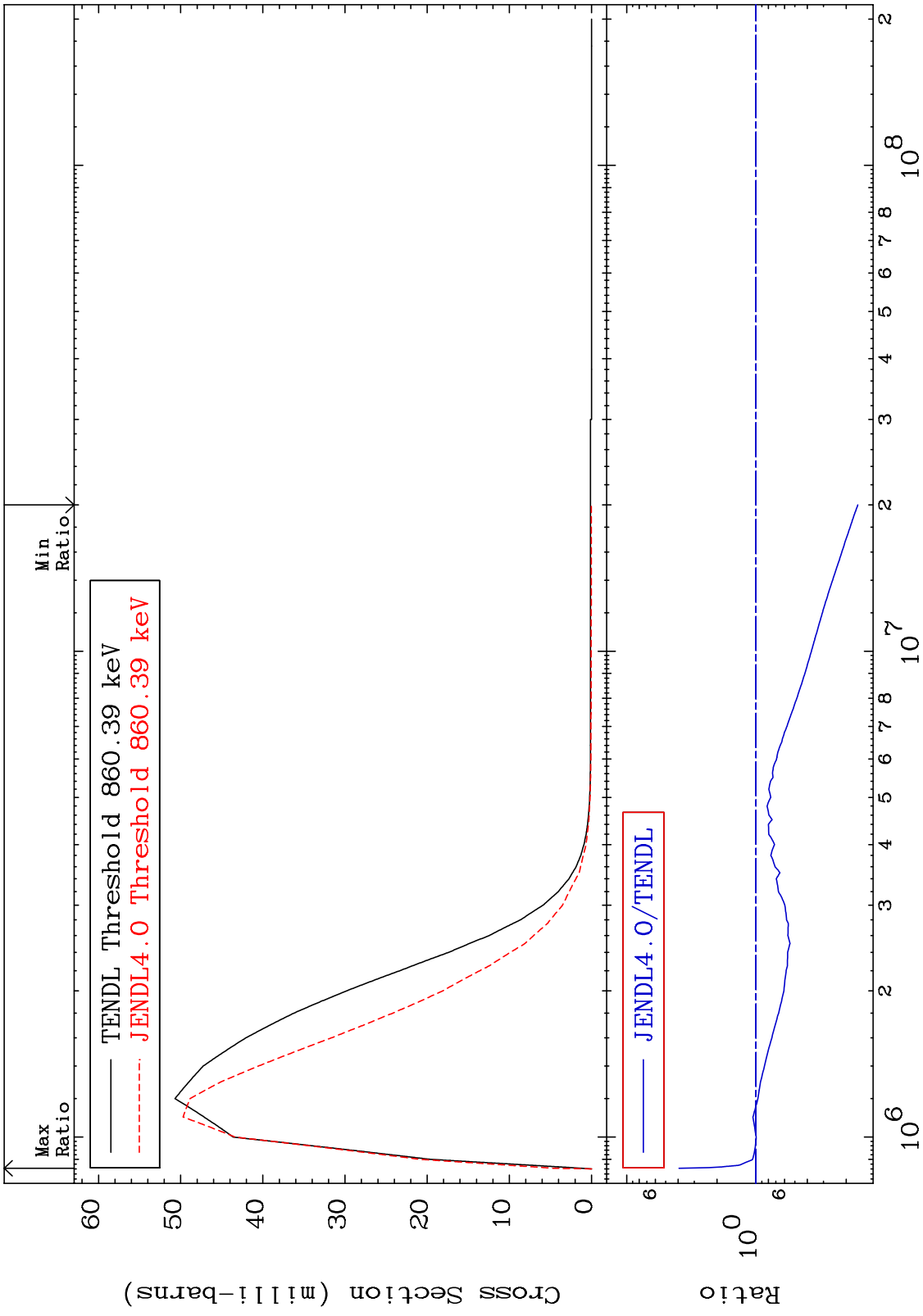
MAT 6525 MT= 72 (n,n') Level Cross Section 65-Tb-159 -82.19 To -10.38%



MAT 6525 MT= 73 (n,n') Level Cross Section 65-Tb-159 -90.23 To -19.77%

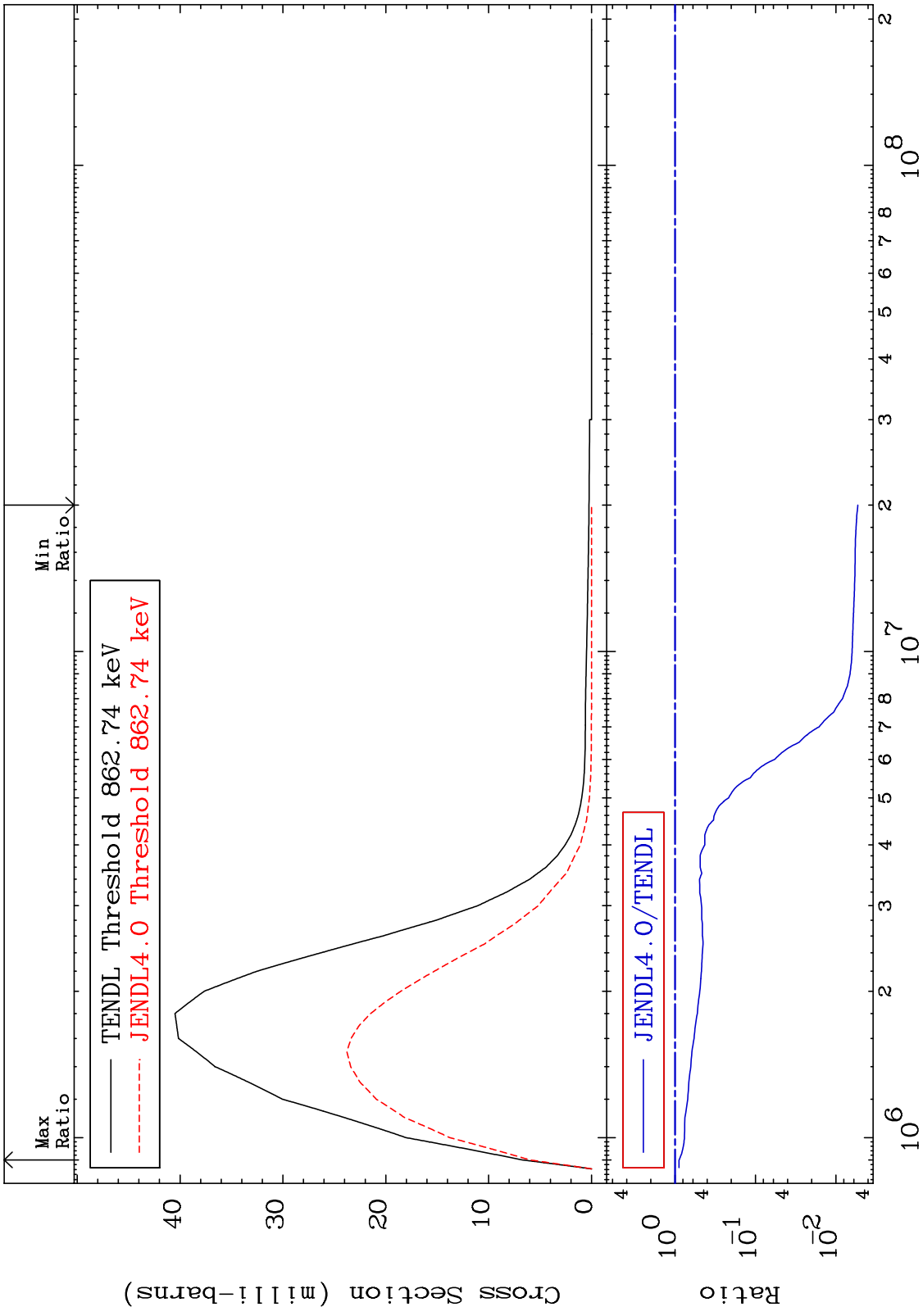


MAT 6525 MT= 74 (n,n') Level Cross Section 65-Tb-159 -83.75 To 293.8 %



34 65-Tb-159

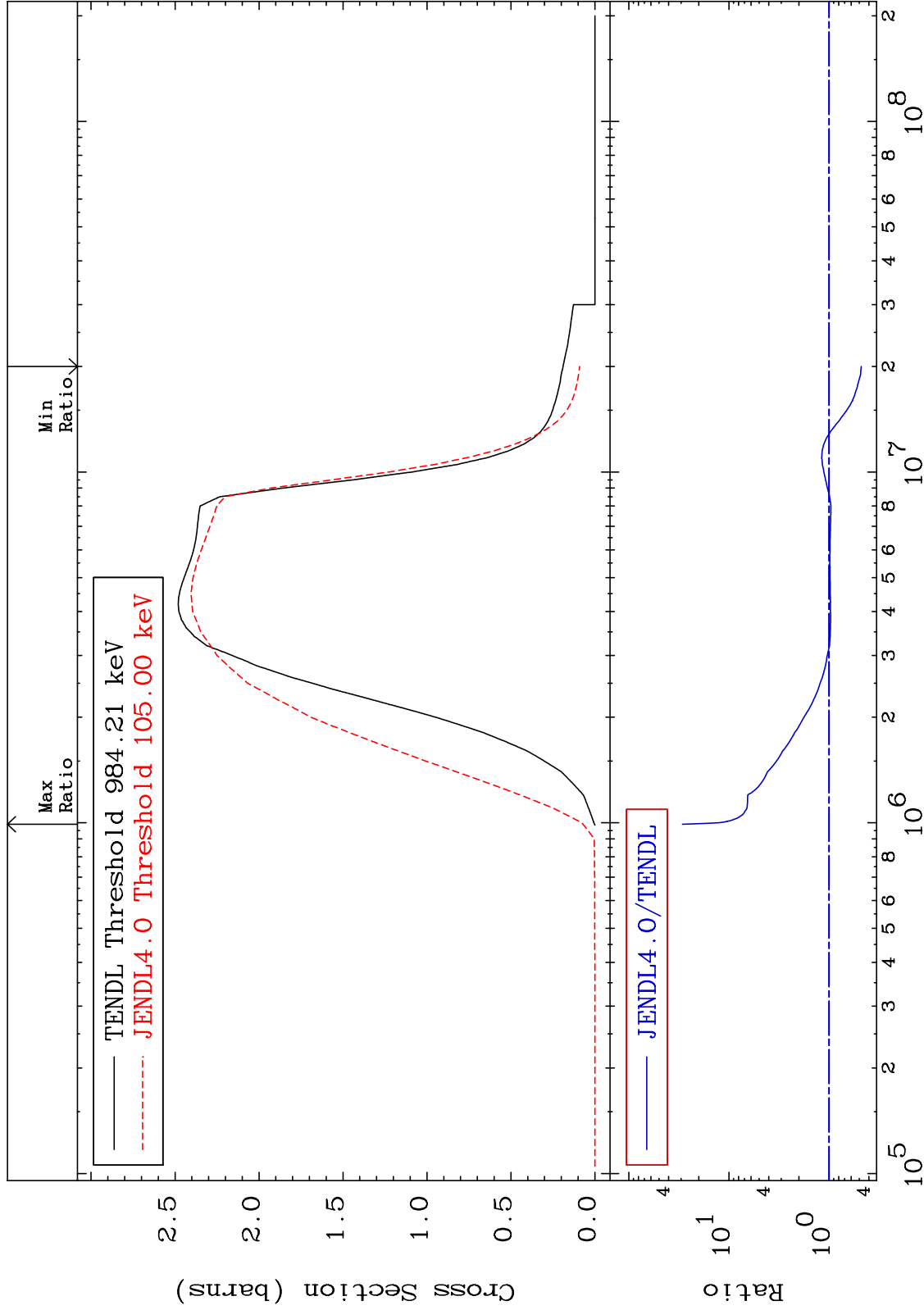
MAT 6525 MT= 75 (n,n') Level Cross Section 65-Tb-159 -99.46 To -10.68%



MAT 6525

(n, n') Continuum
Cross Section

65-Tb-159
-52.35 To 2809. %



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Incident Energy (eV)

65-Tb-159

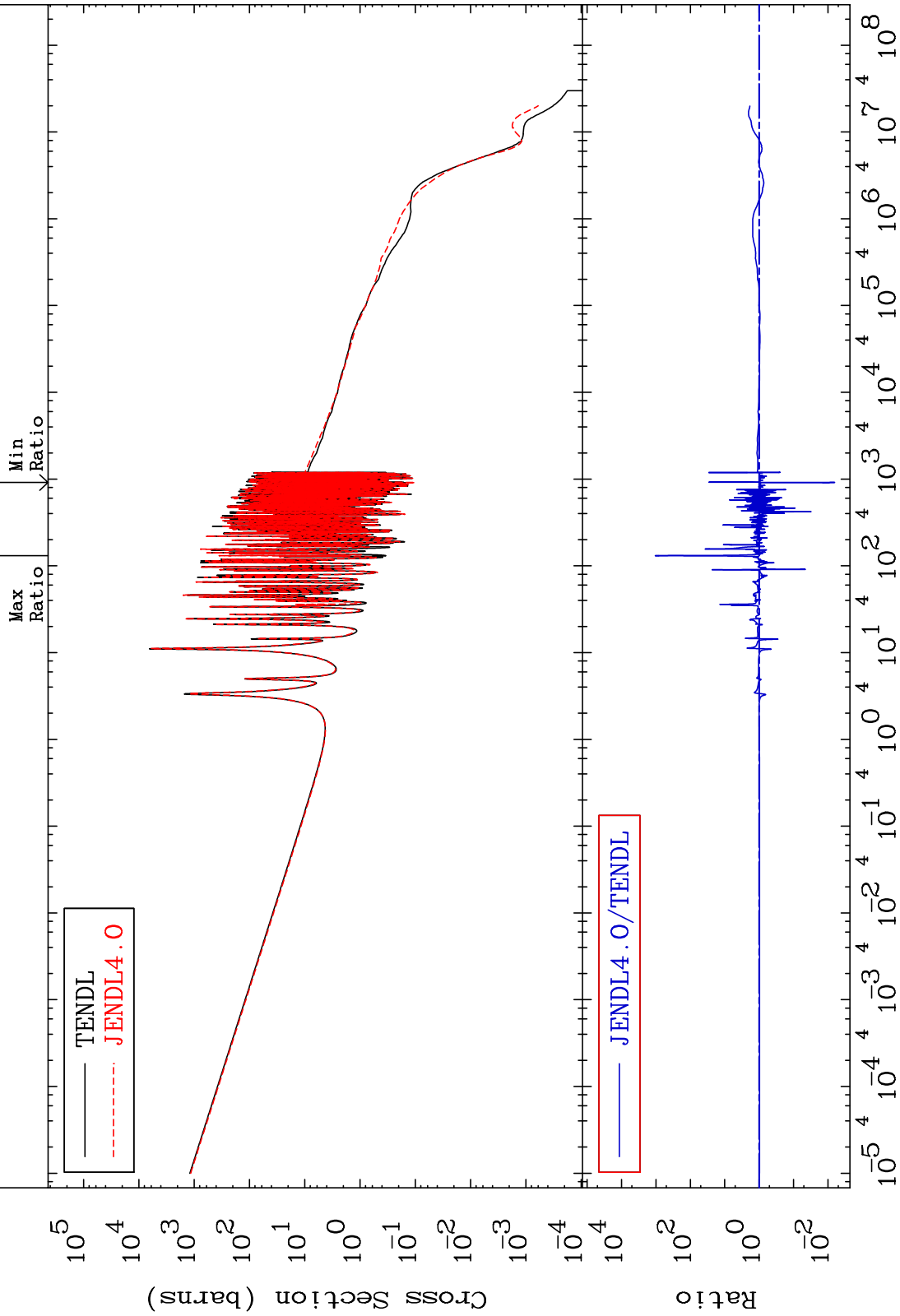
MAT 6525

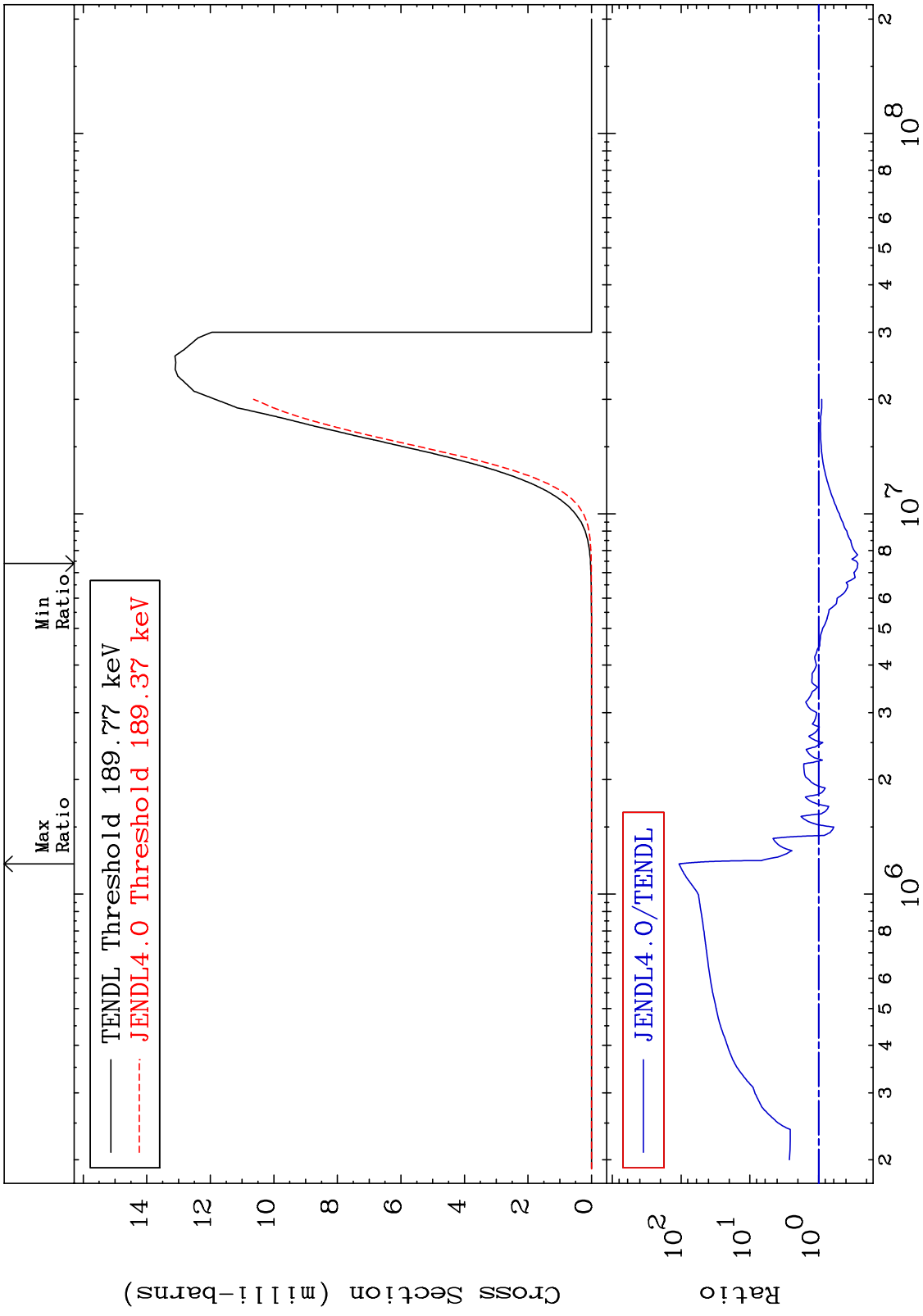
(n, γ)

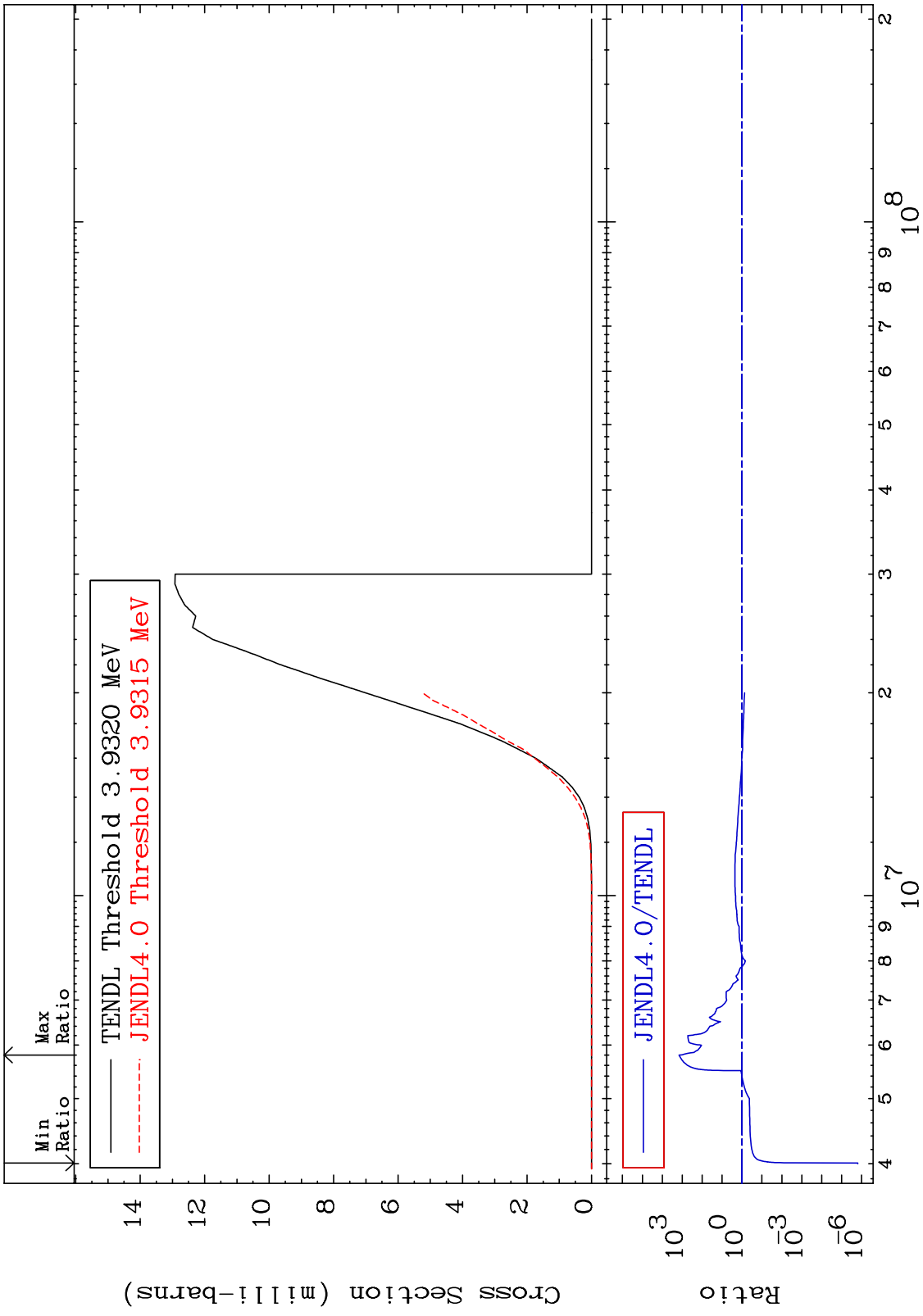
65-Tb-159

-99.36 To 9999. %

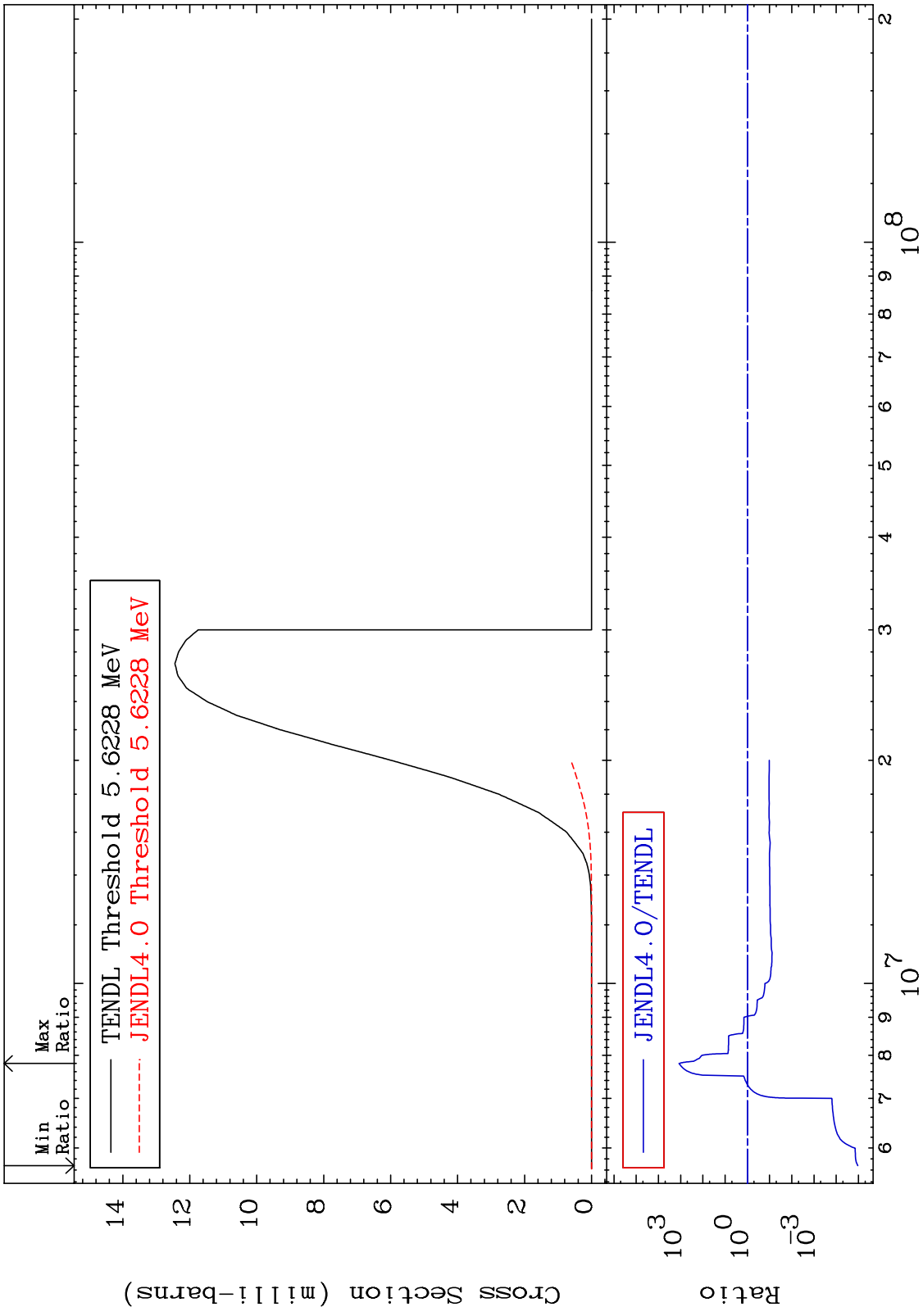
Cross Section





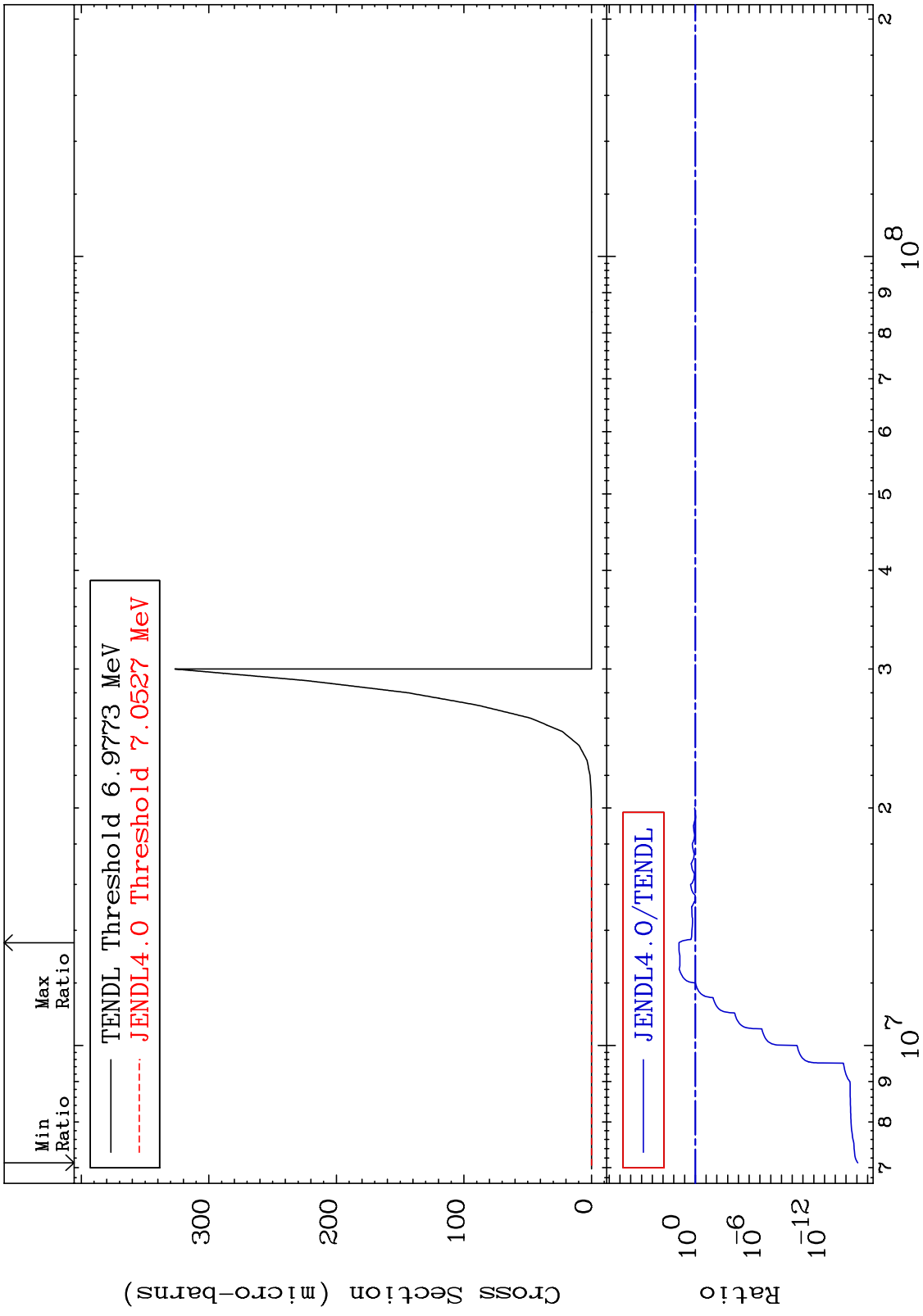


MAT 6525 (n,t) 65-Tb-159
 Cross Section -100.0 To 9999. %



40 65-Tb-159

MAT 6525 (n, He-3) 65-Tb-159
 Cross Section -100.0 To 3155. %



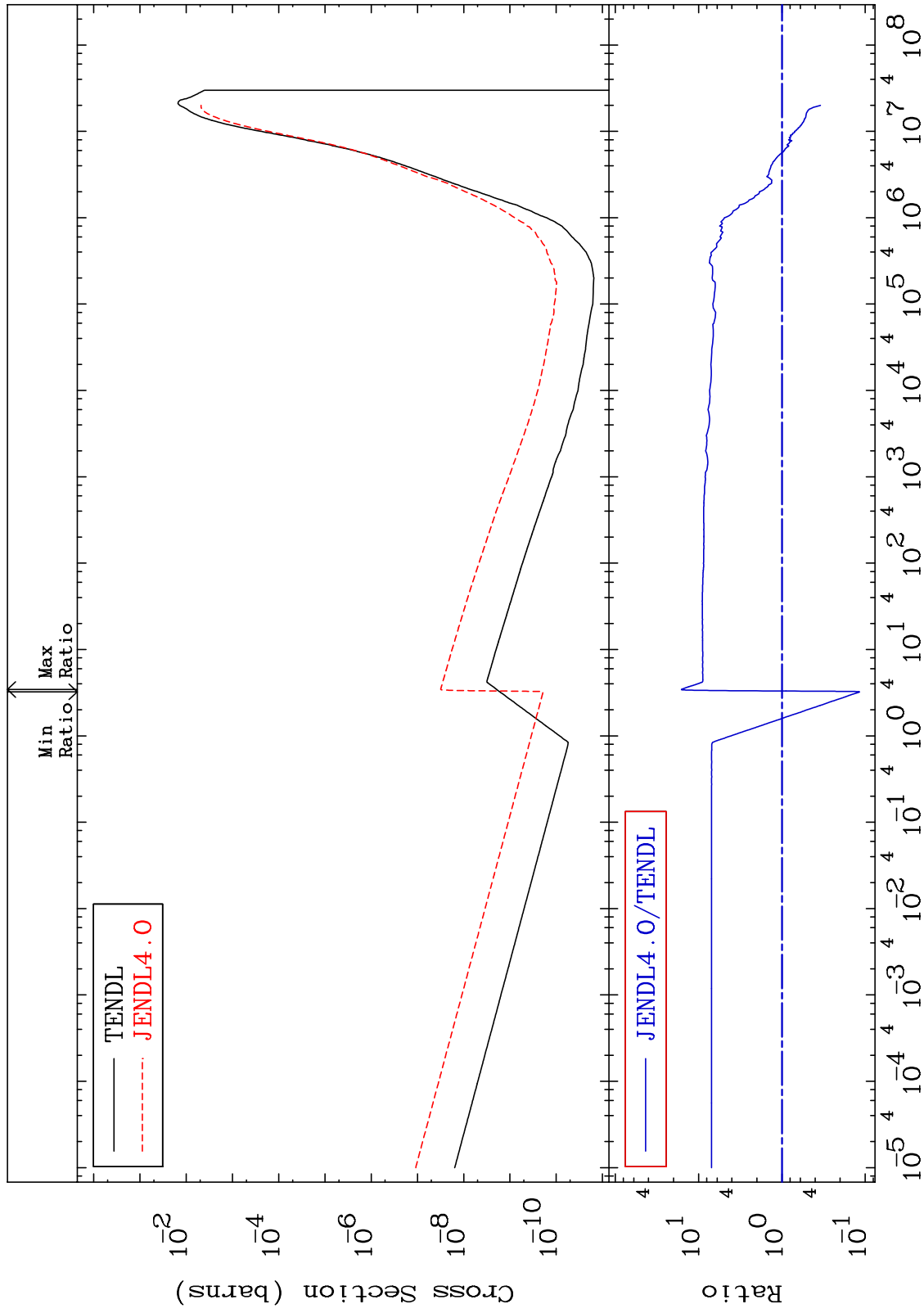
MAT 6525

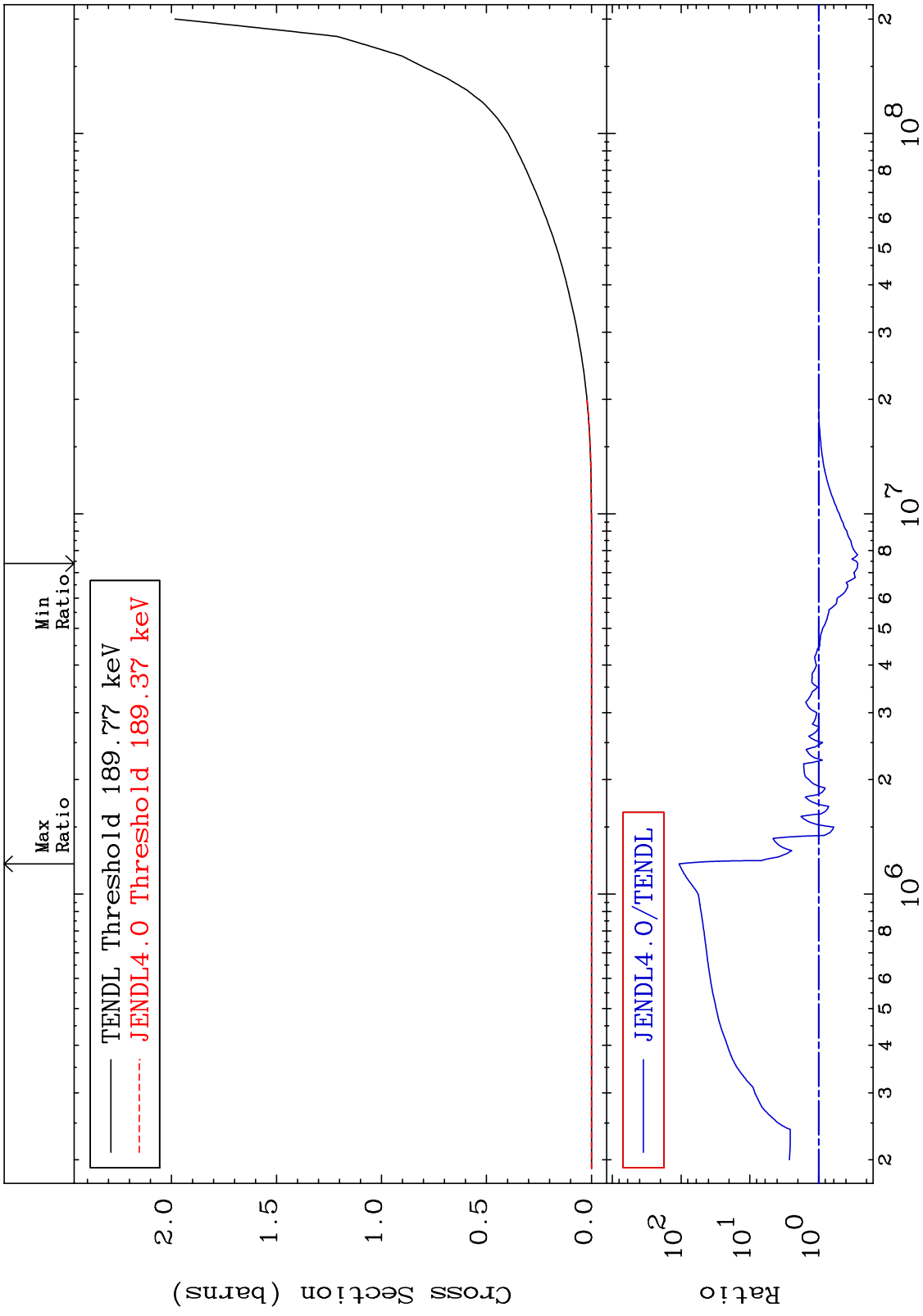
(n, α)

65-Tb-159

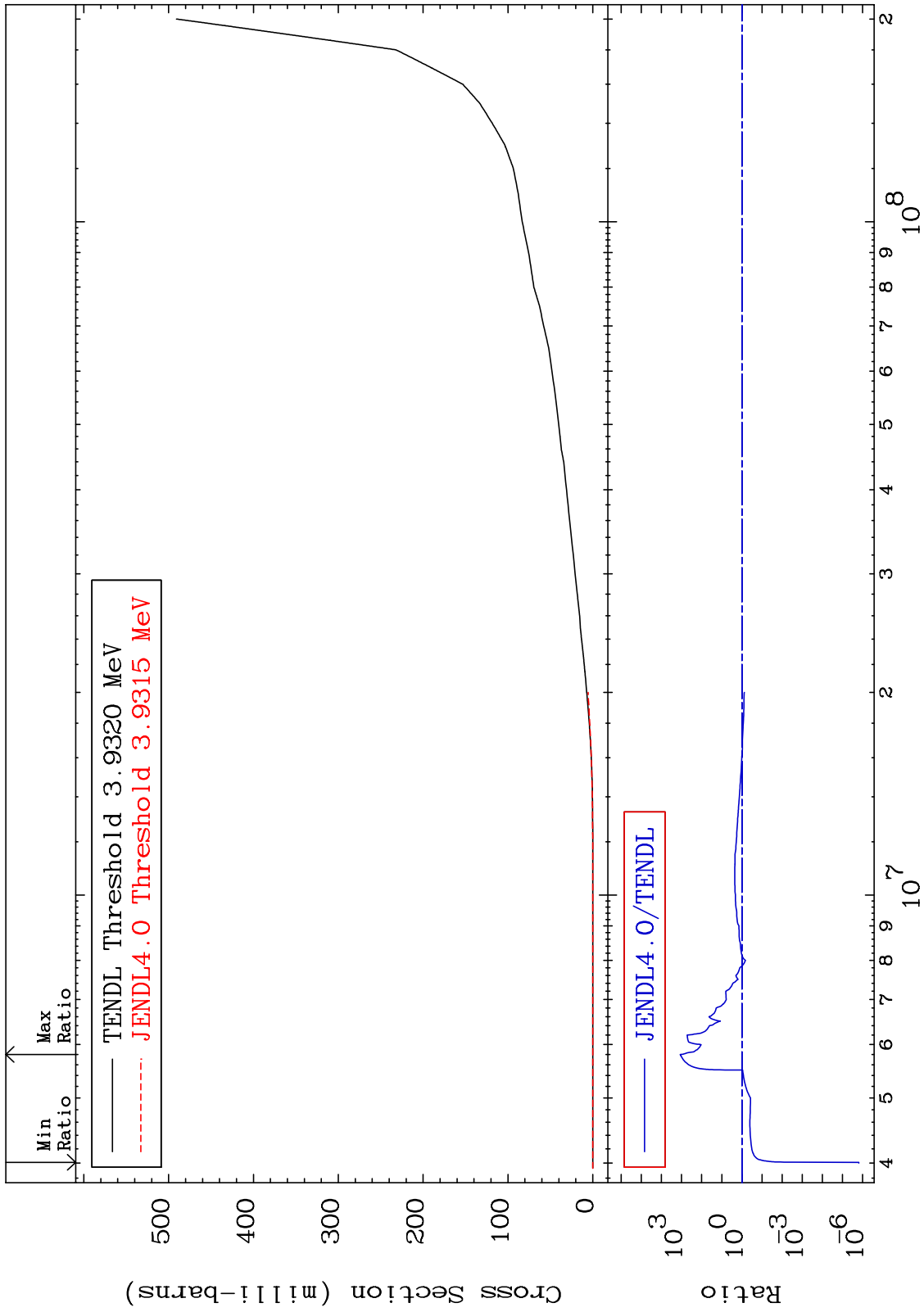
-88.36 To 1516. %

Cross Section

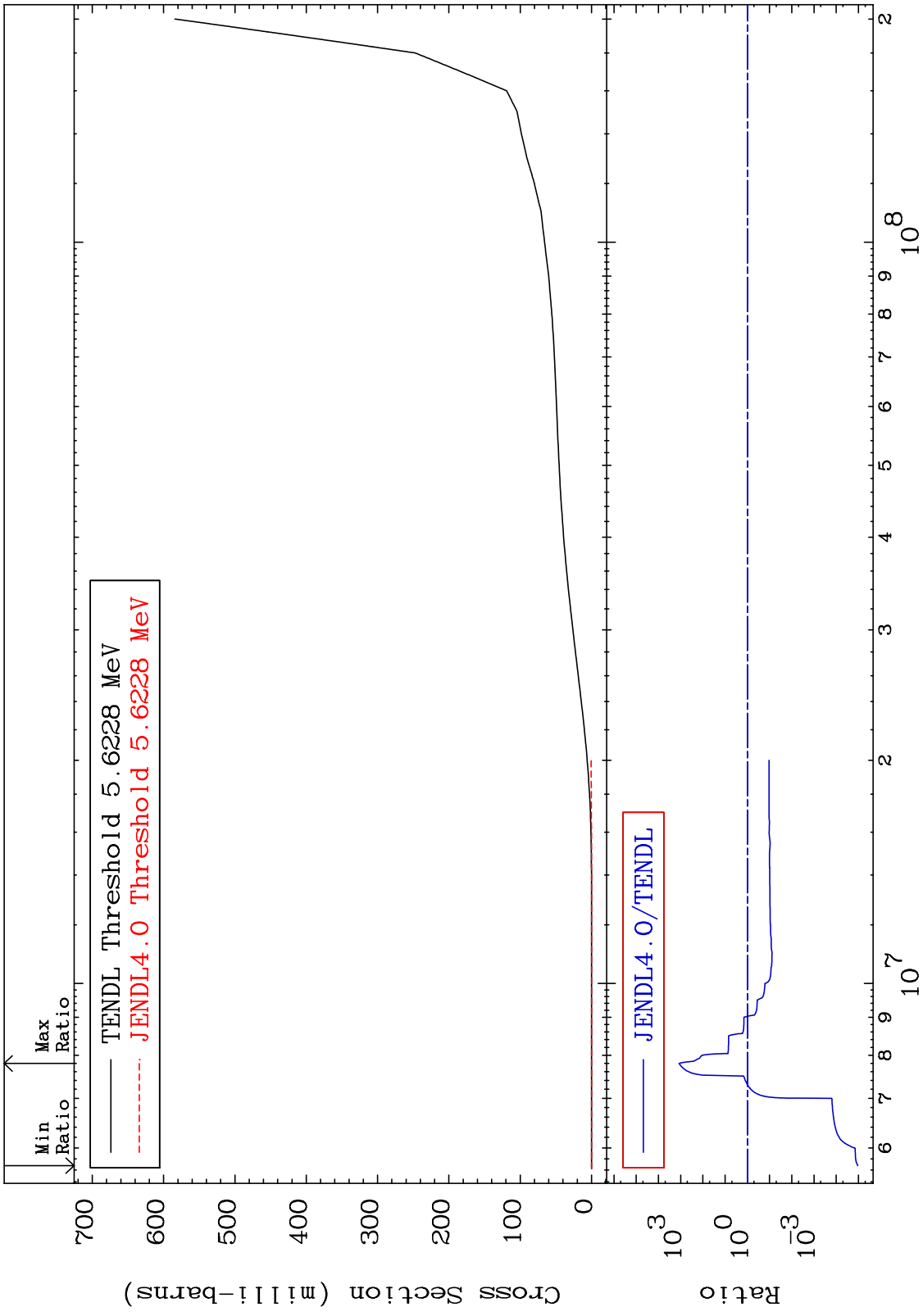




MAT 6525 Deuterium Production Cross Section 65-Tb-159 -100.0 To 9999. %



MAT 6525 Tritium Production Cross Section 65-Tb-159 -100.0 To 9999. %

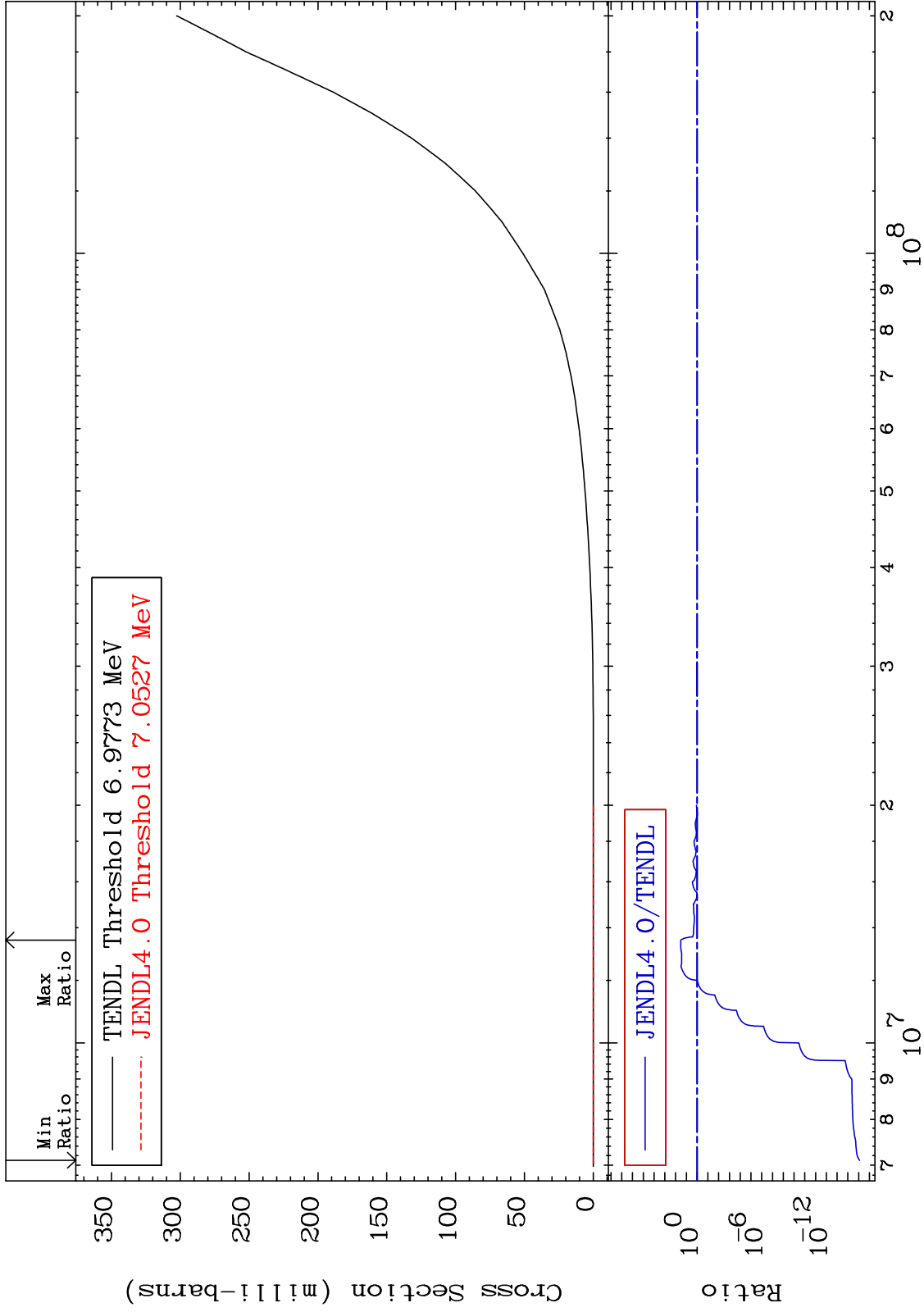


45 65-Tb-159

MAT 6525

He-3 Production
Cross Section

65-Tb-159
-100.0 To 3155. %



46

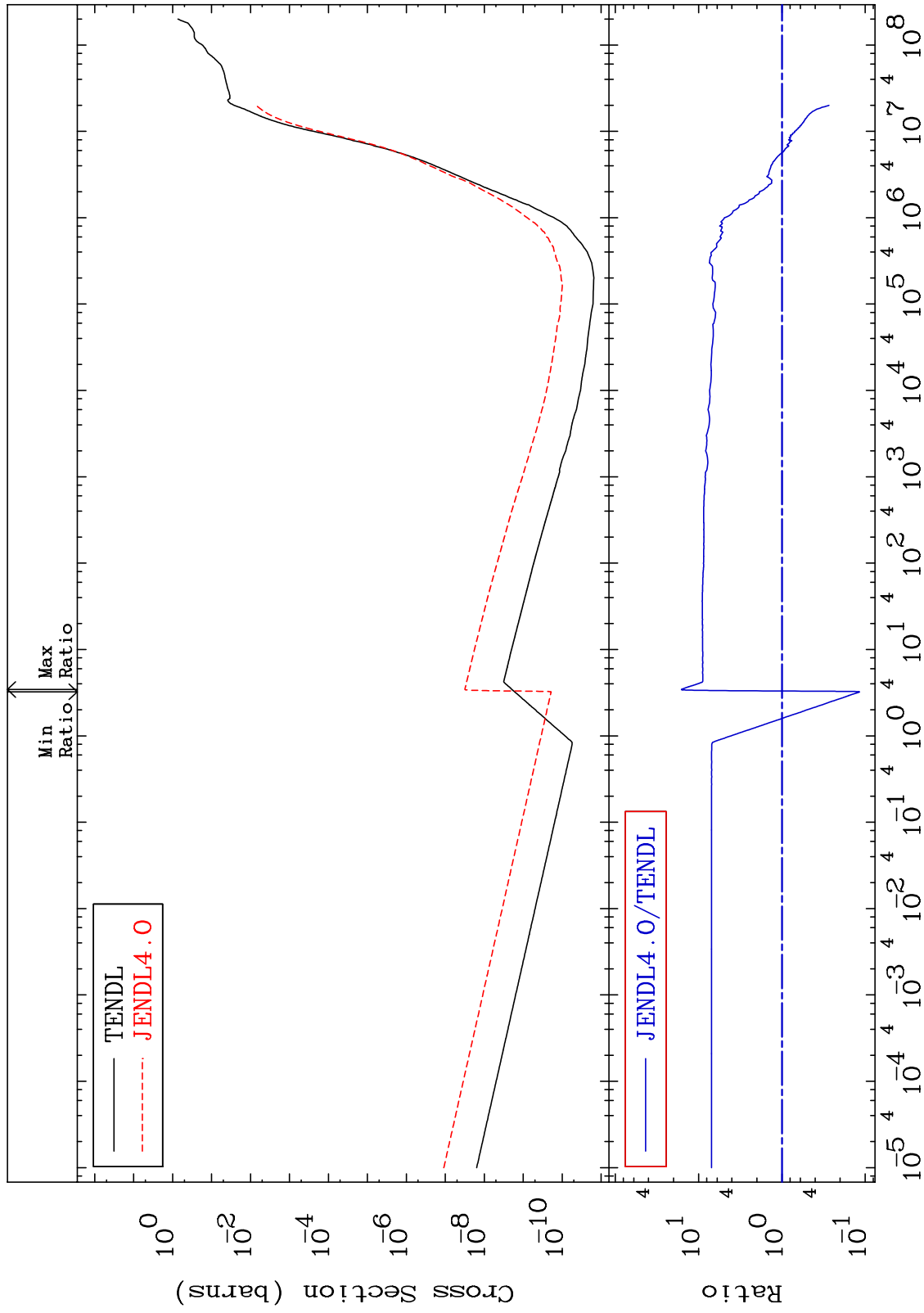
Incident Energy (eV)

65-Tb-159

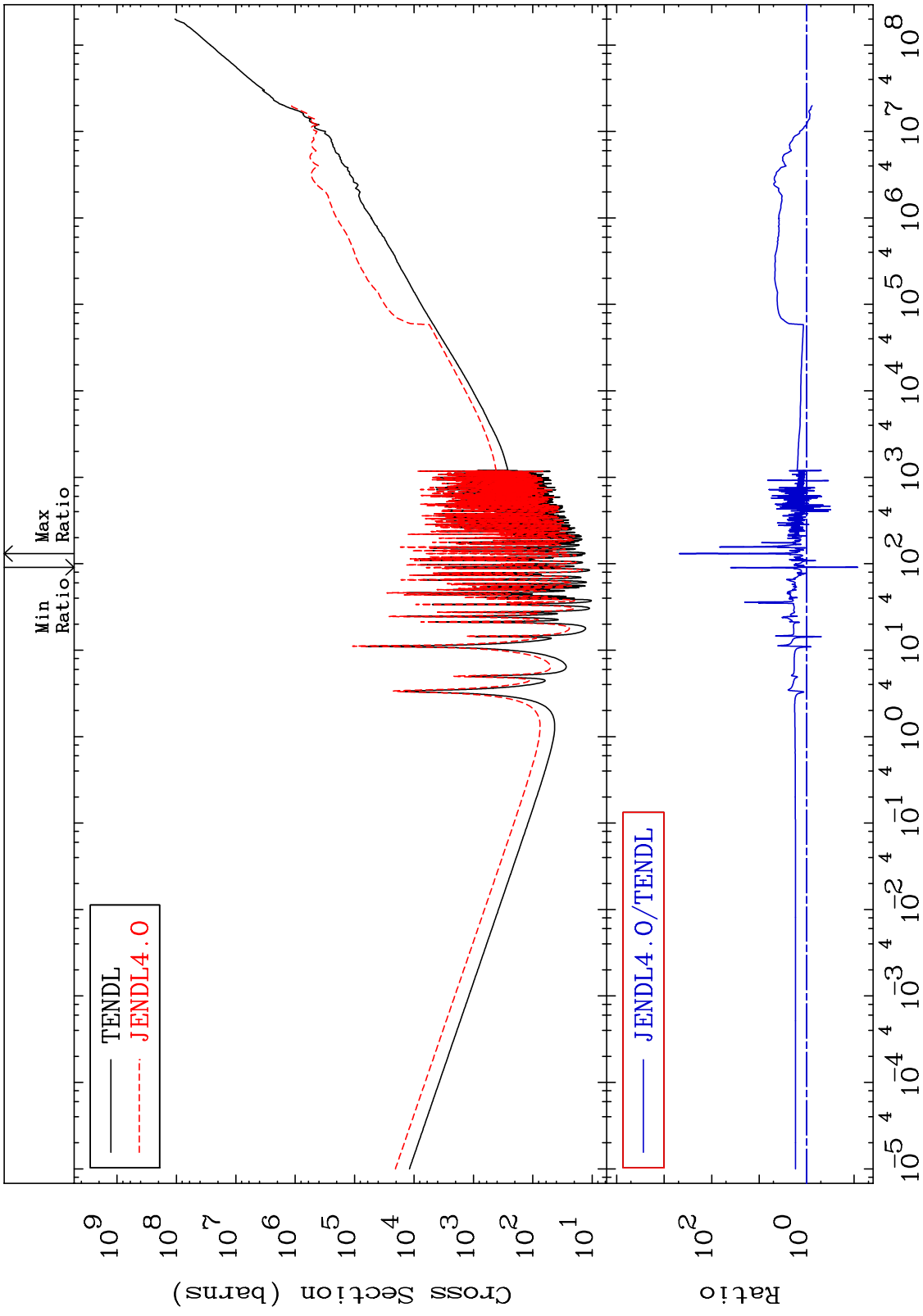
MAT 6525

He-4 Production
Cross Section

65-Tb-159
-88.36 To 1516. %



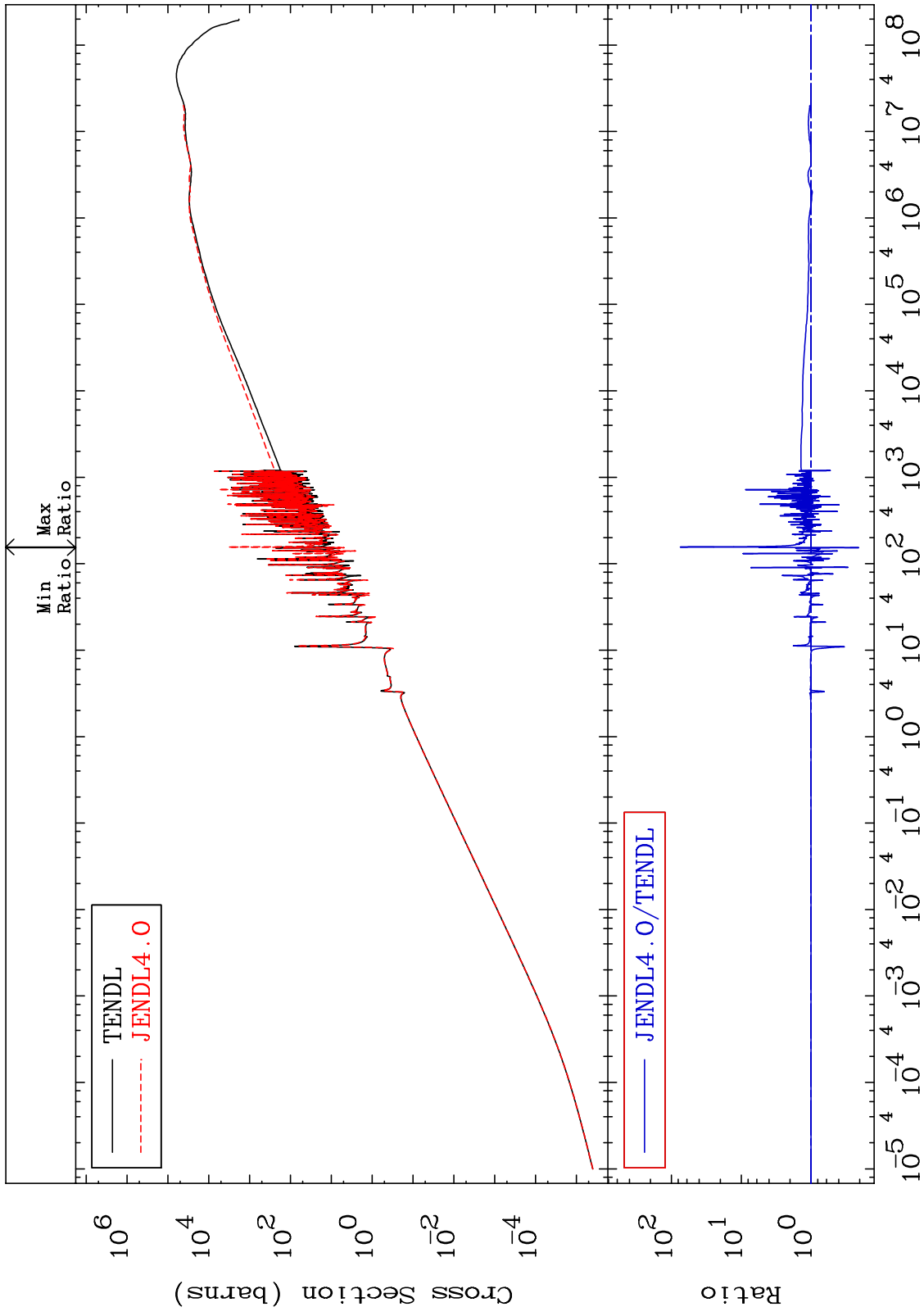
MAT 6525 Kerma total (eV-barns) 65-Tb-159
Cross Section -91.64 To 9999. %



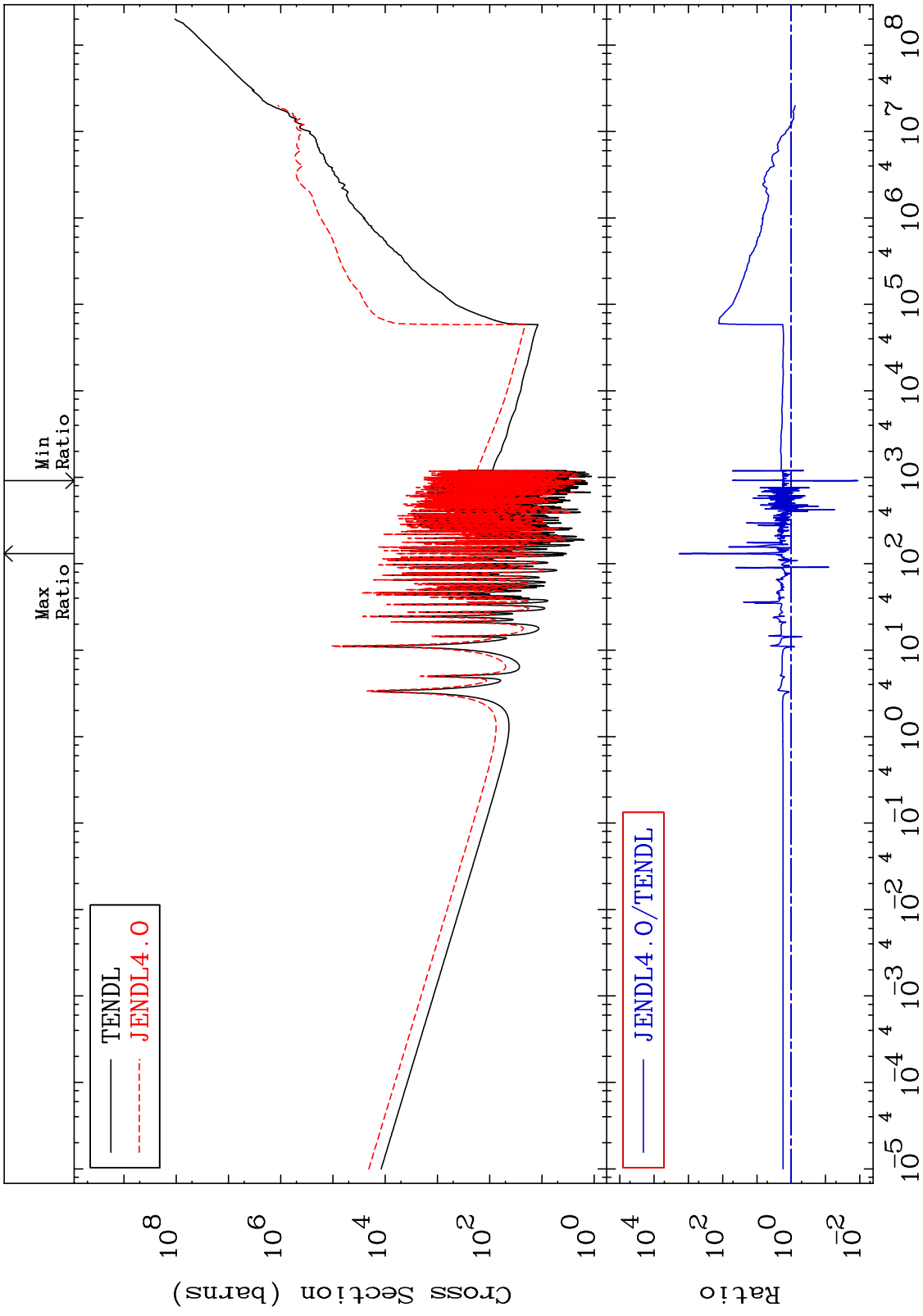
MAT 6525

Kerma elastic
Cross Section

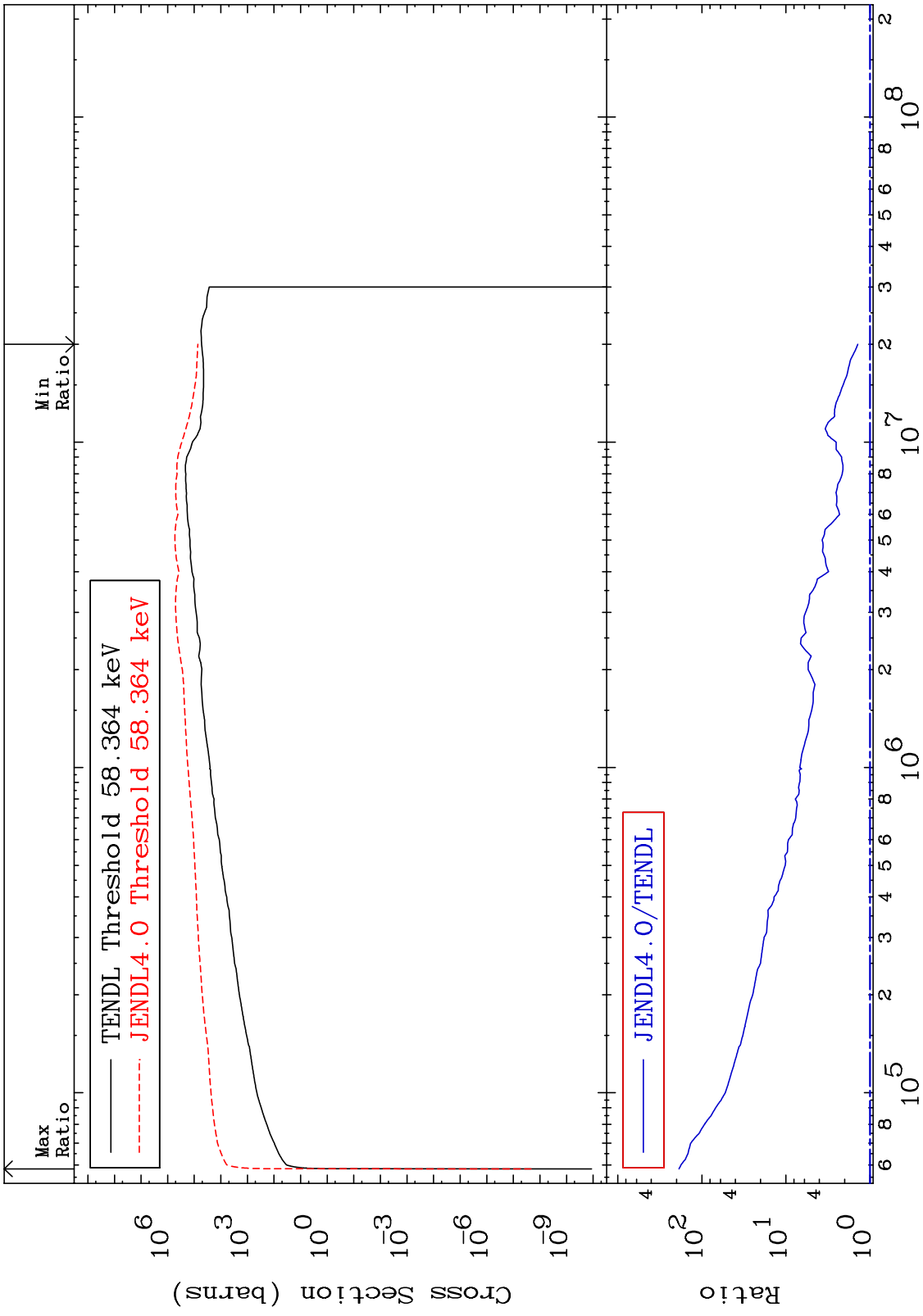
65-Tb-159
-79.42 To 7396. %



MAT 6525 Kerma non-elastic (all but mt2) 65-Tb-159
 Cross Section -98.86 To 9999. %



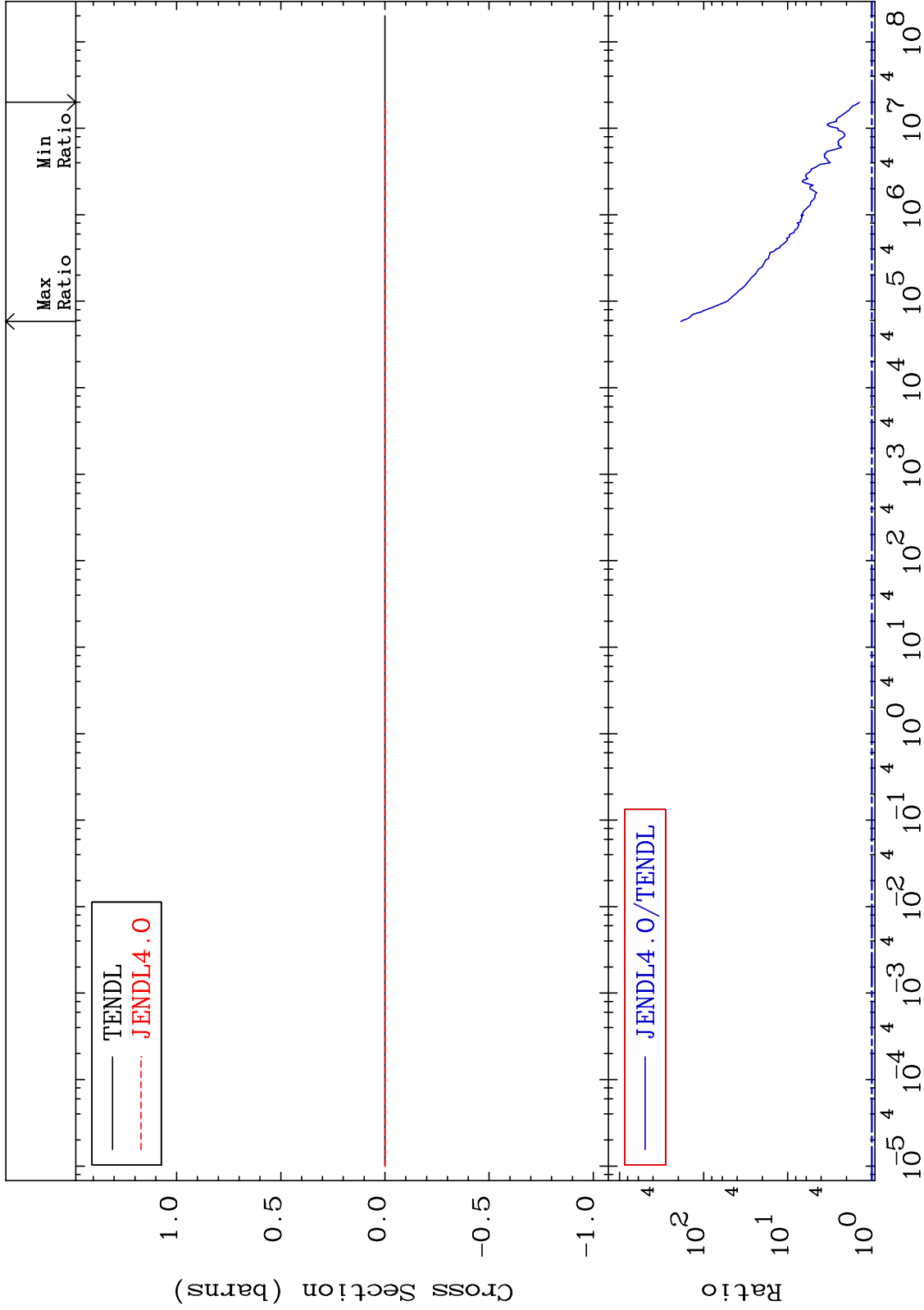
MAT 6525 Kerma inelastic (mt51-91) 65-Tb-159
 Cross Section 39.31 To 9999. %



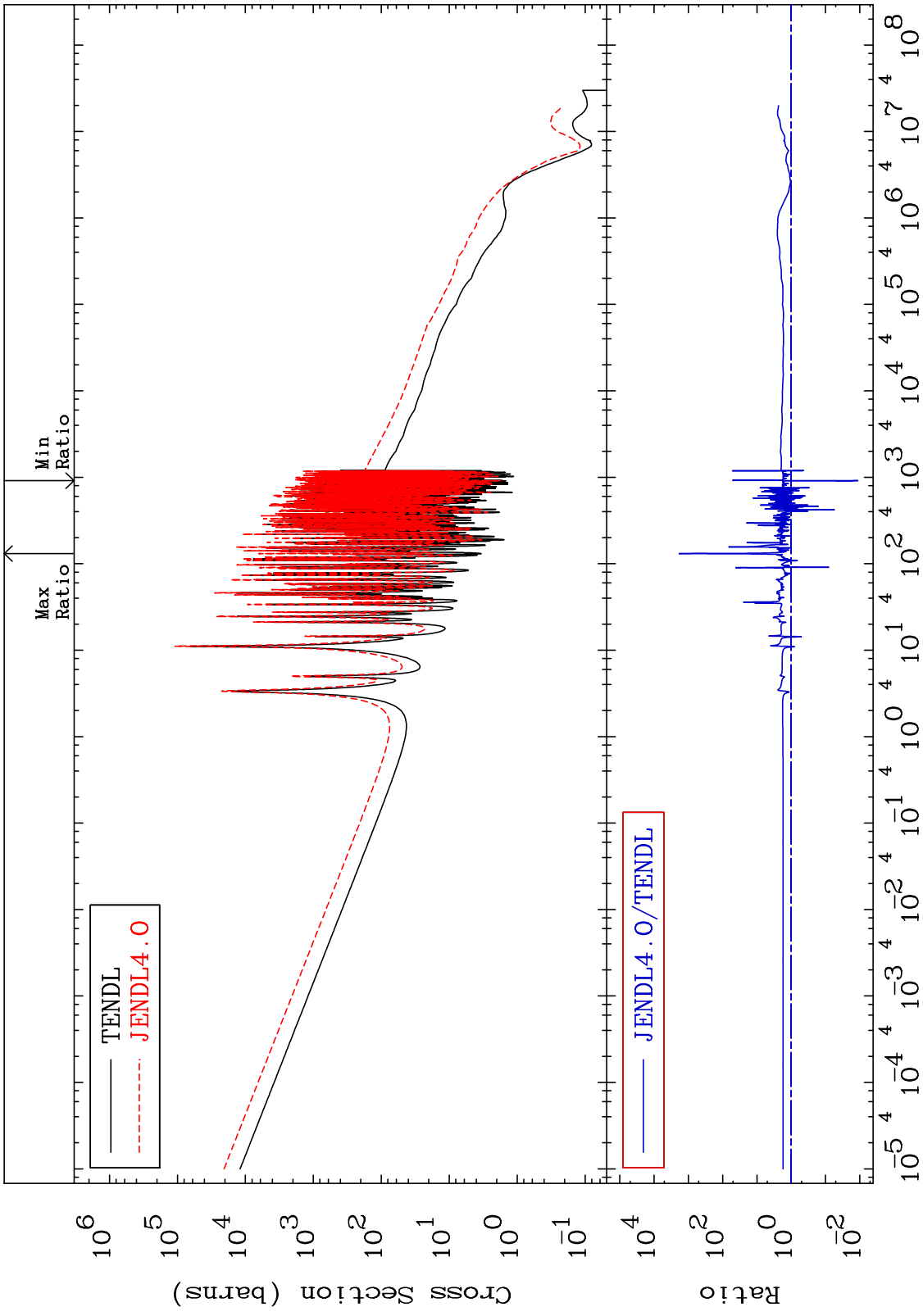
MAT 6525

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

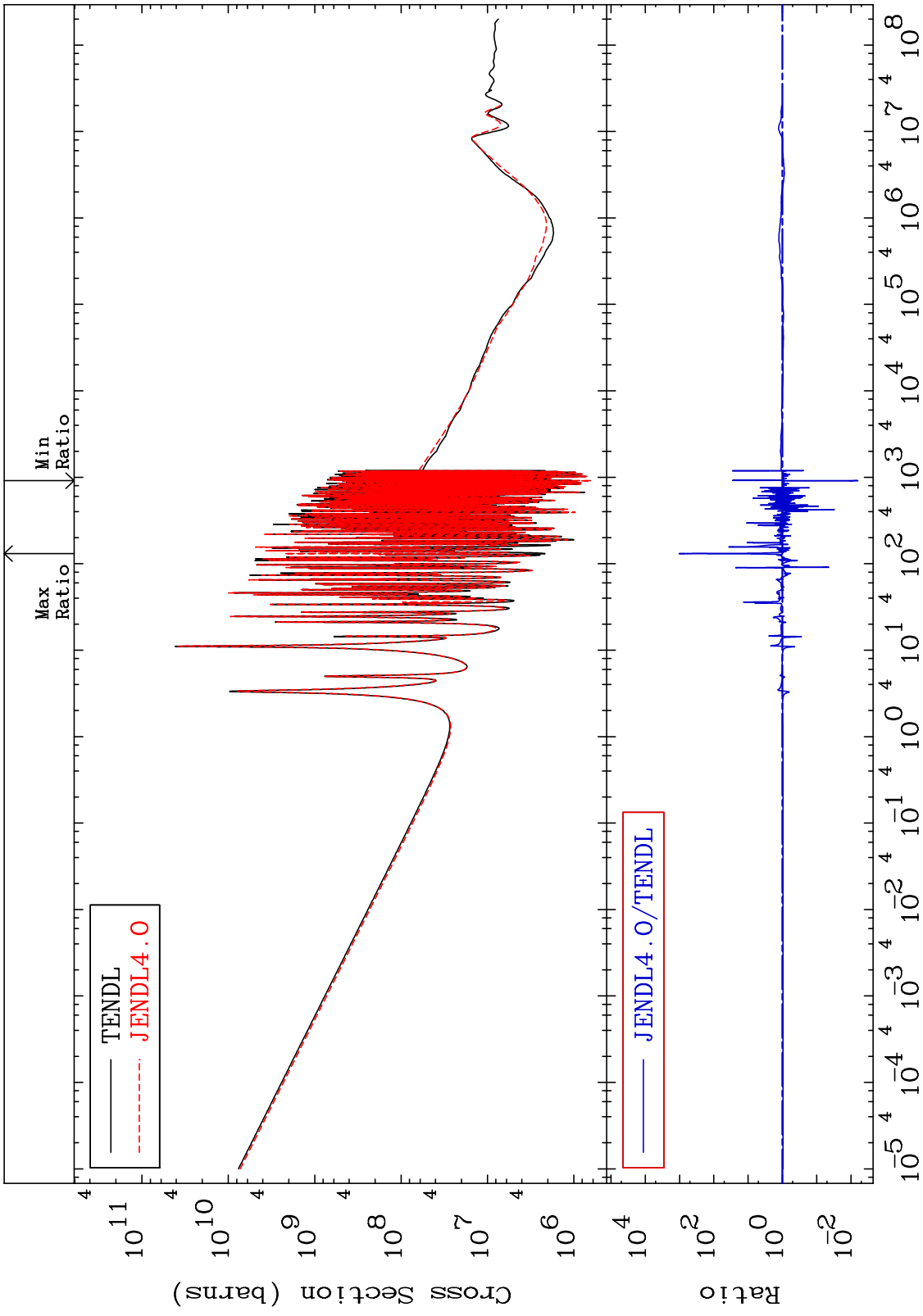
65-Tb-159
39.31 To 9999. %



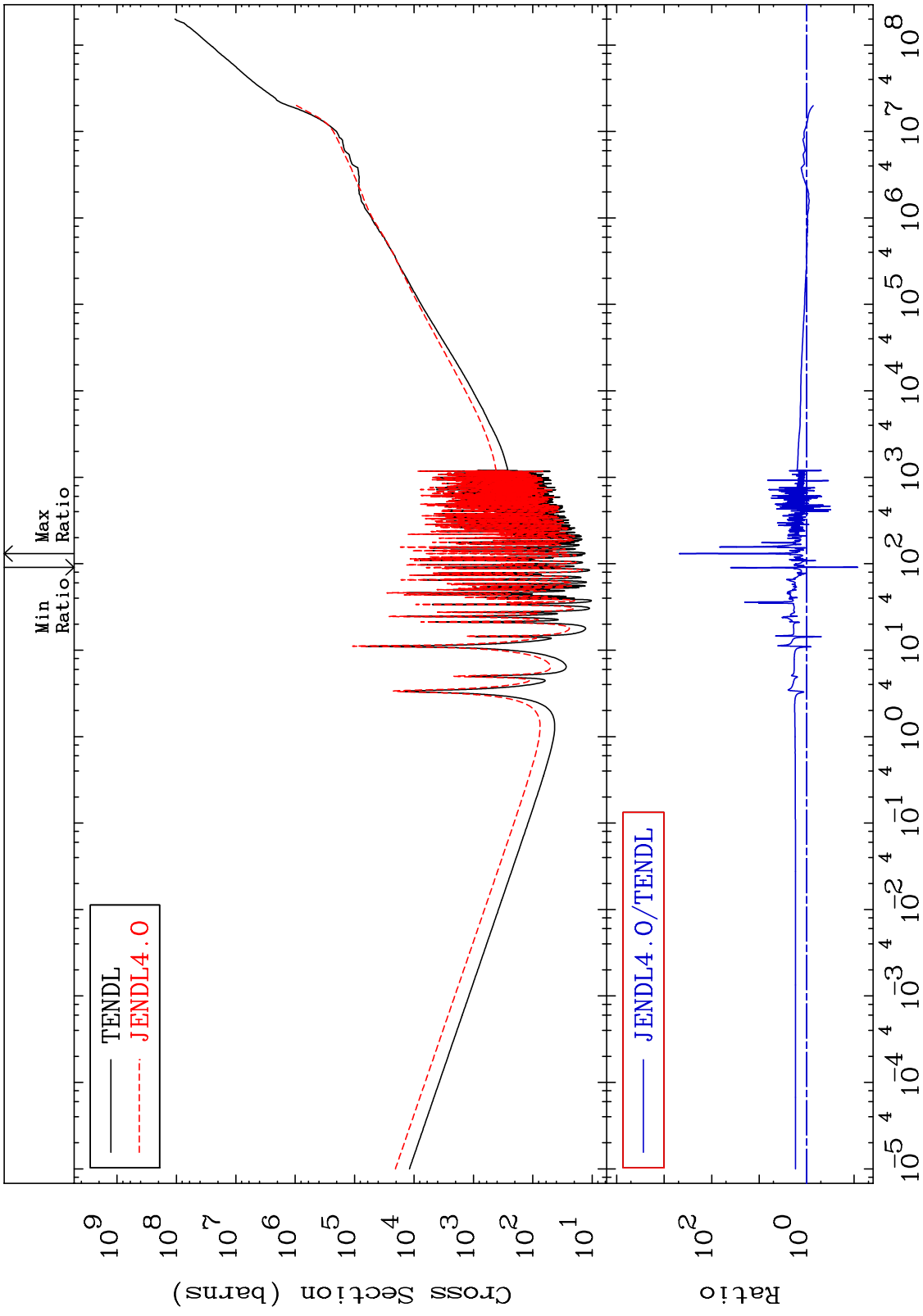
MAT 6525 Kerma capture (mt102) 65-Tb-159
 Cross Section -98.86 To 9999. %



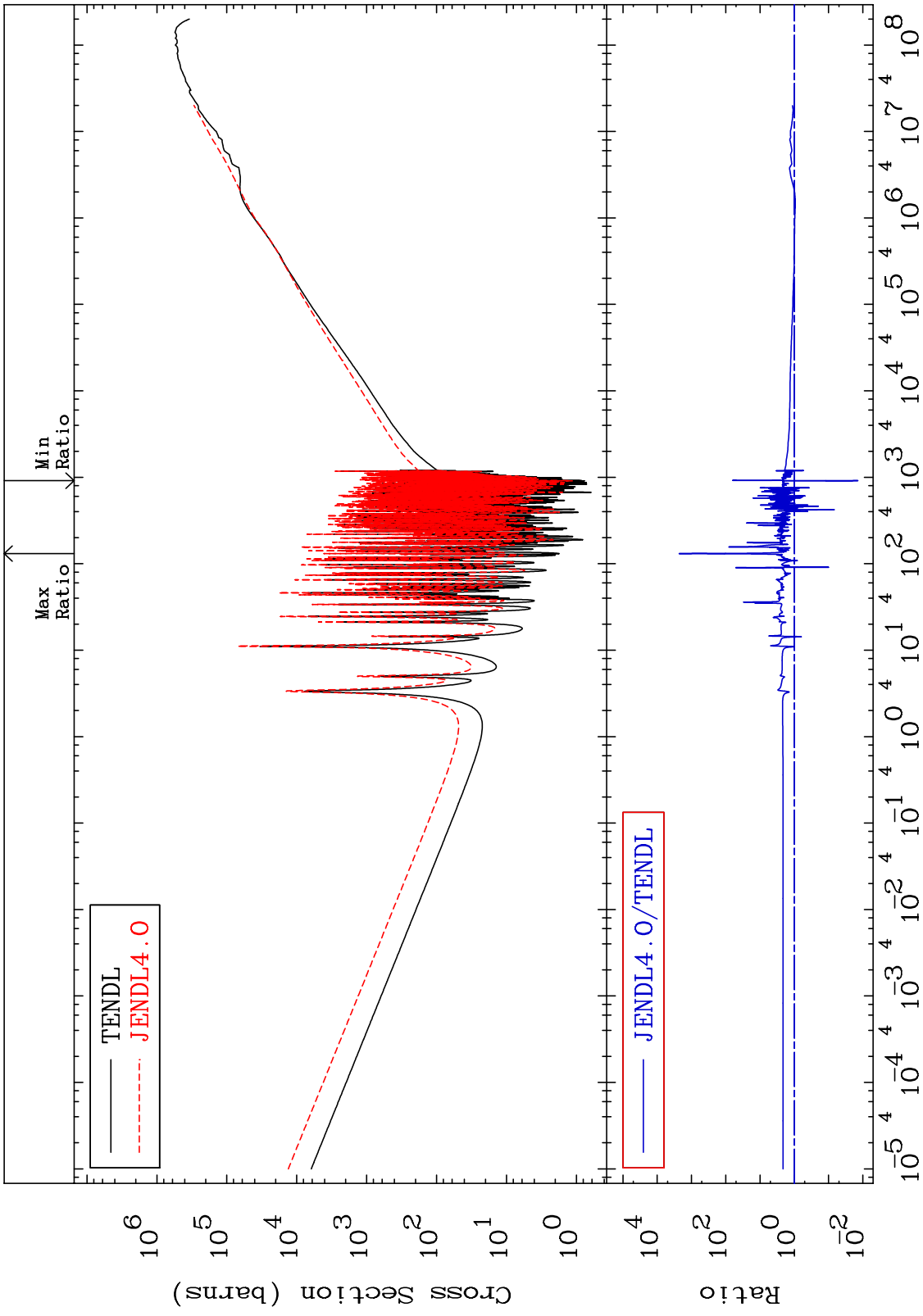
MAT 6525 65-Tb-159
 Total photon (eV-barns) -99.37 To 9999. %
 Cross Section



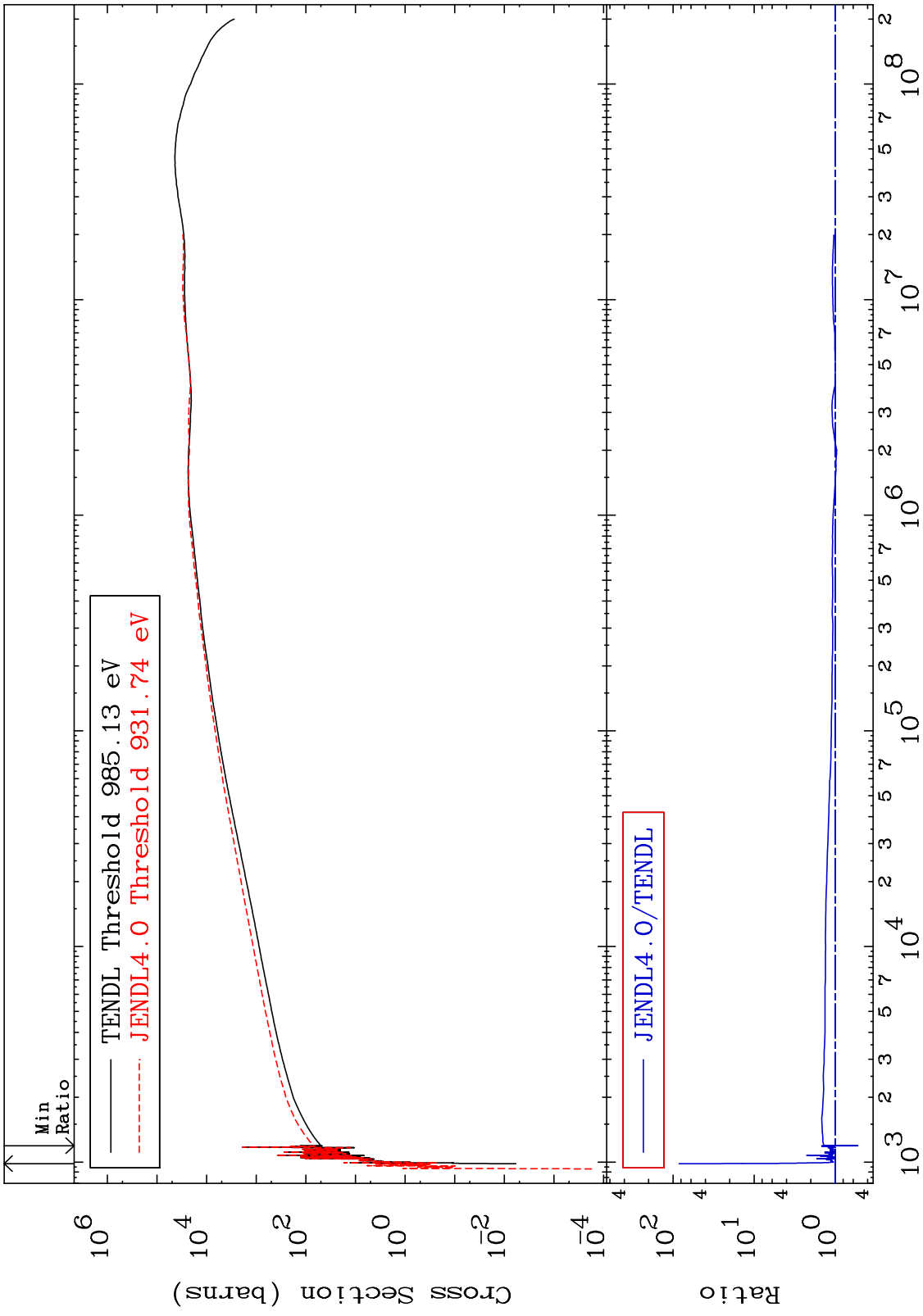
MAT 6525 Total kinematic kerma (high limit) 65-Tb-159
Cross Section -91.64 To 9999. %



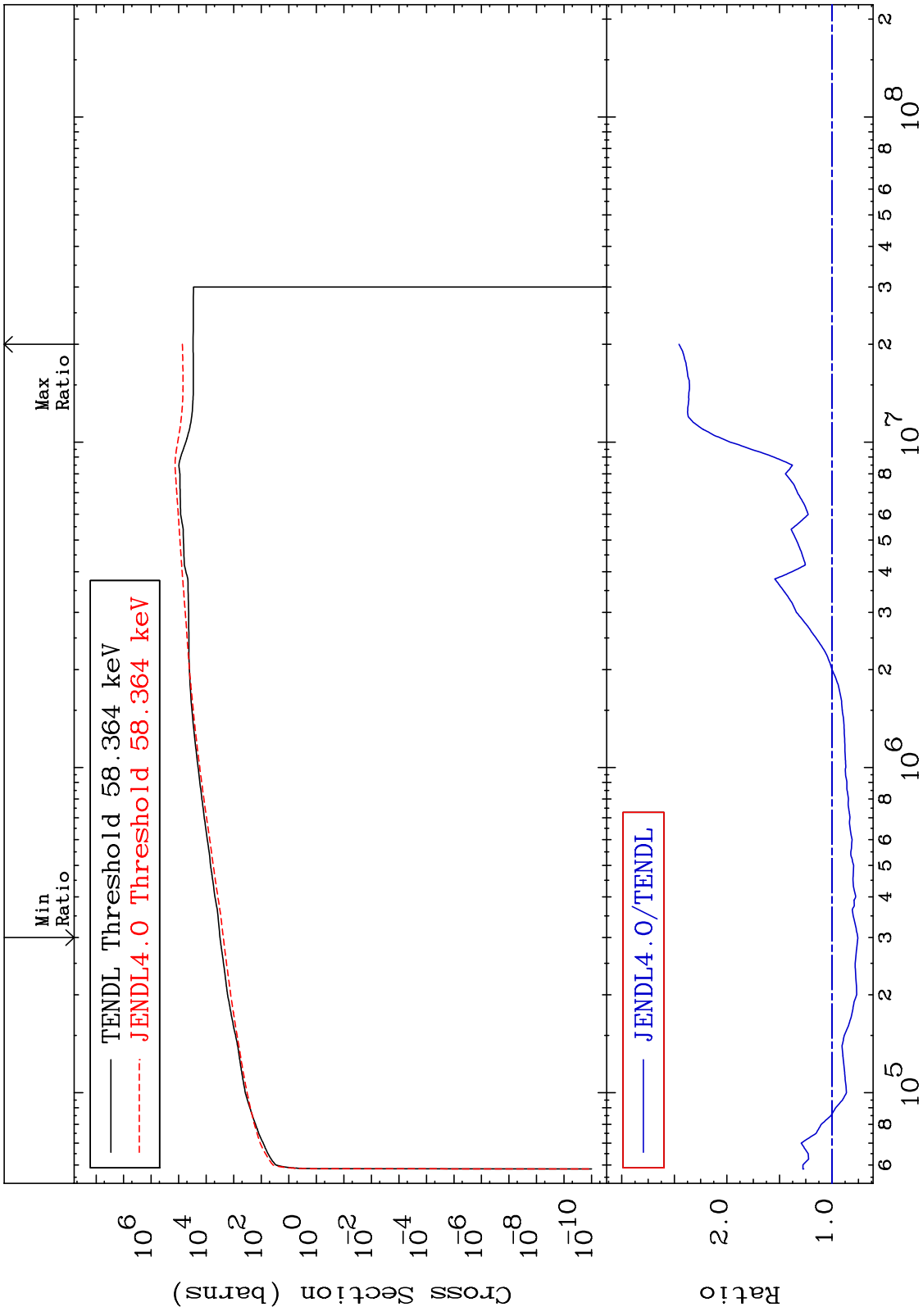
MAT 6525 Dpa total (eV-barns) 65-Tb-159
 Cross Section -98.60 To 9999. %



MAT 6525 Dpa elastic (mt2) 65-Tb-159
Cross Section -47.33 To 8344. %



MAT 6525 Dpa inelastic (mt51-91) 65-Tb-159
 Cross Section -24.52 To 145.5 %



MAT 6525 Dpa disappearance (mt102 -120) 65-Tb-159
 Cross Section -98.60 To 9999. %

