

Program Complot
(Version 2018-1)

by

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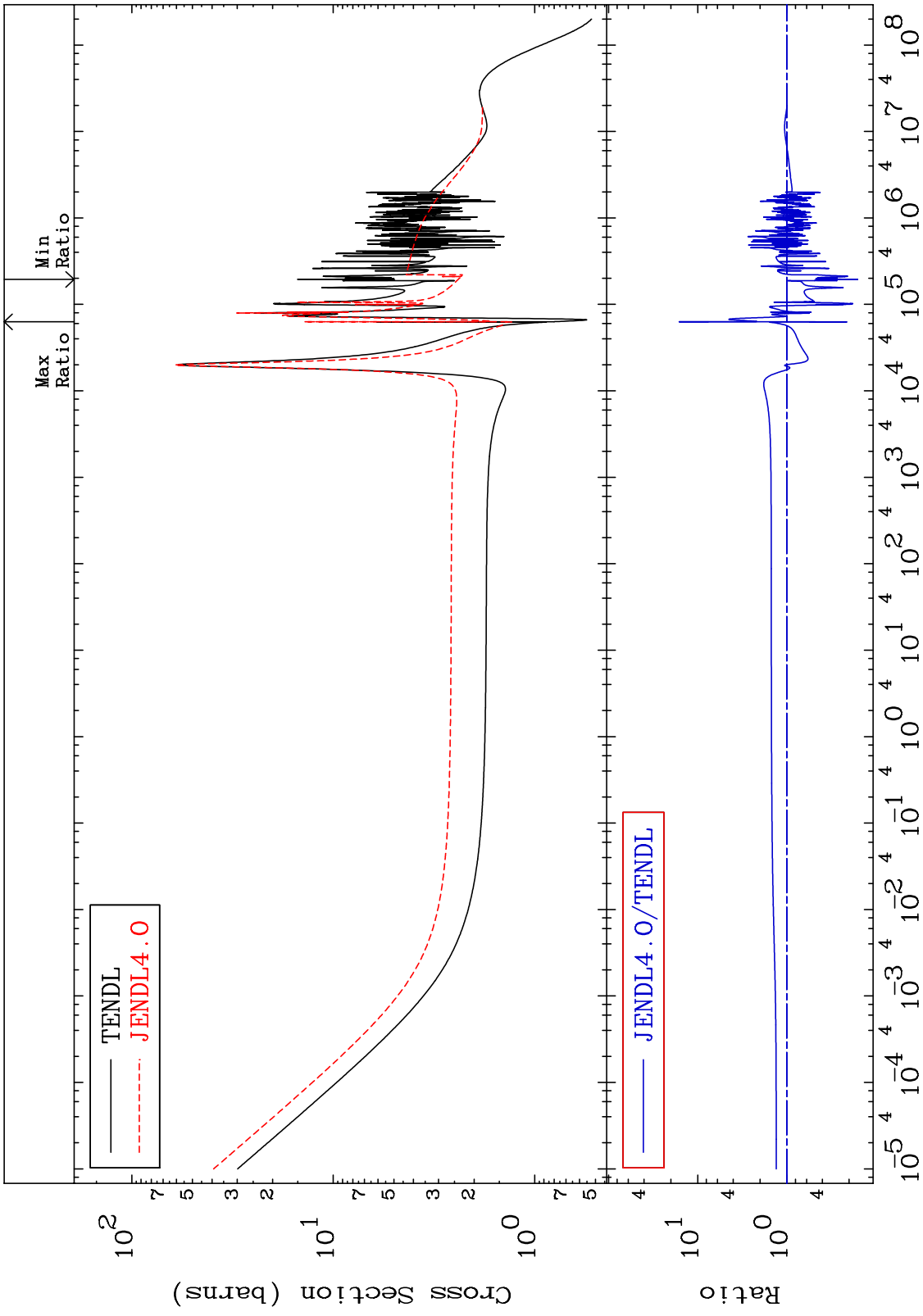
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

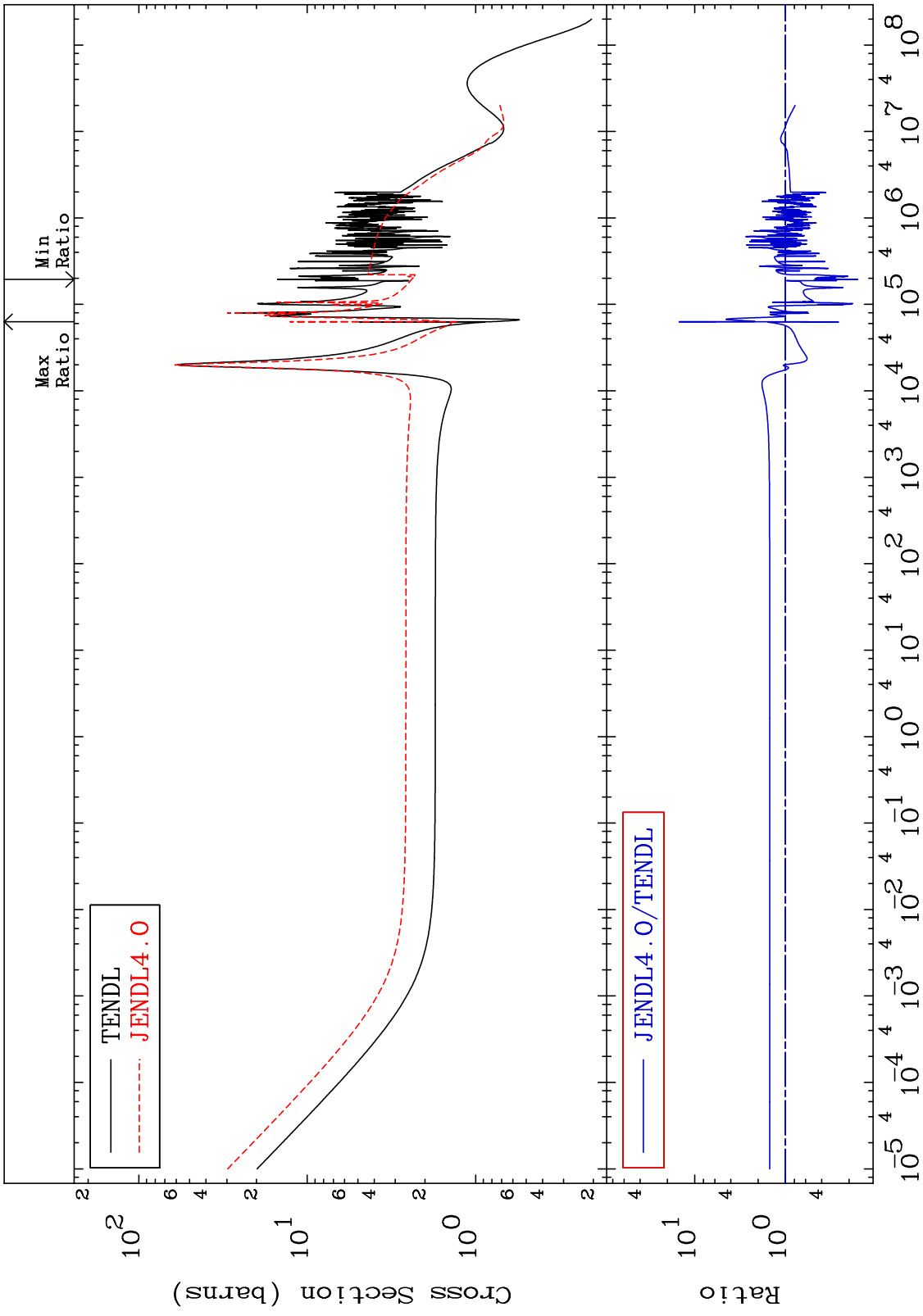
Press Mouse Button to Start

MAT 1228 Total Cross Section 12-Mg-25 -84.03 To 1519. %

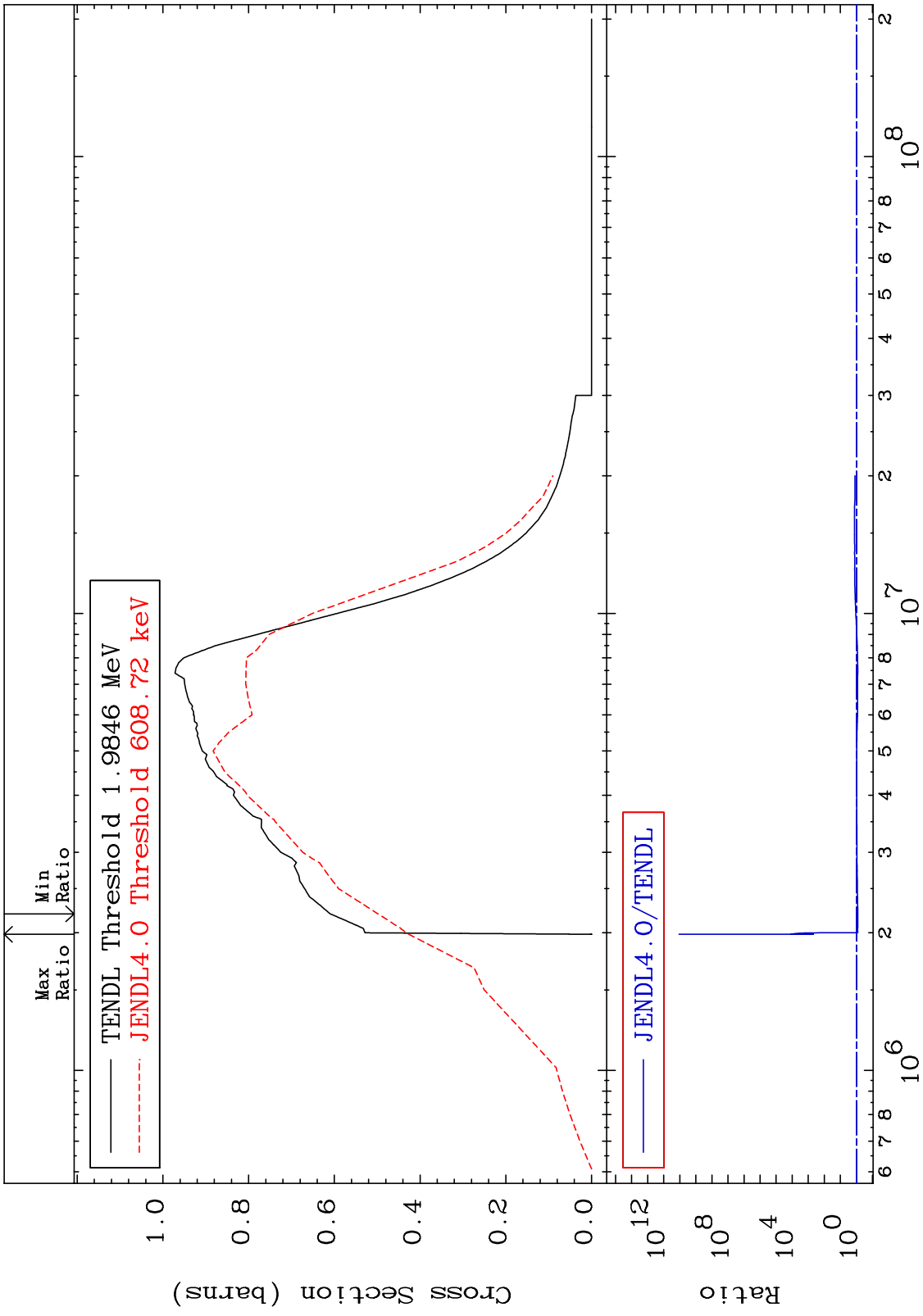


1 12-Mg-25

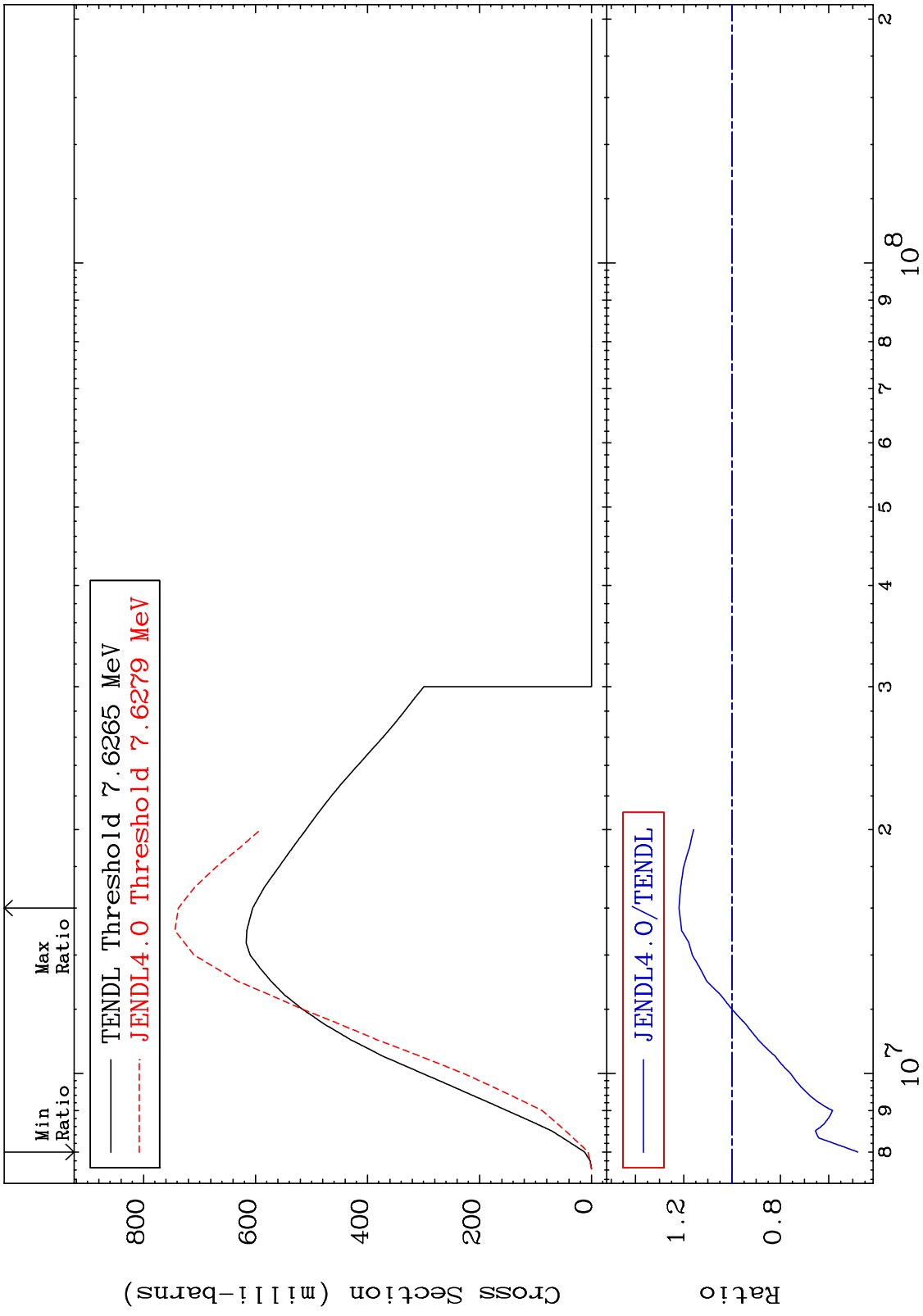
MAT 1228 Elastic Cross Section 12-Mg-25 -84.03 To 1388. %



12-Mg-25

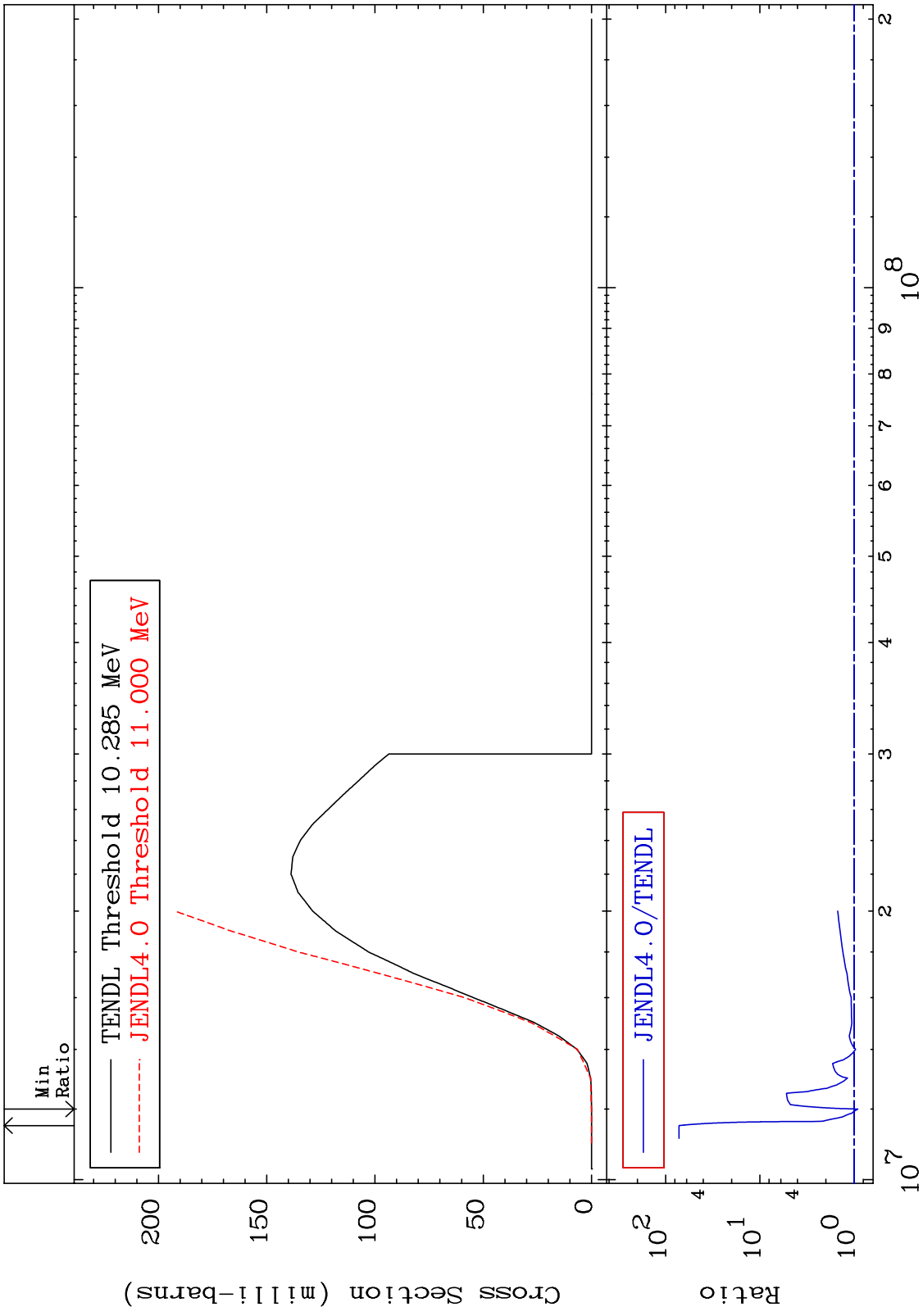


MAT 1228 (n,2n) Cross Section 12-Mg-25 -52.07 To 21.92 %

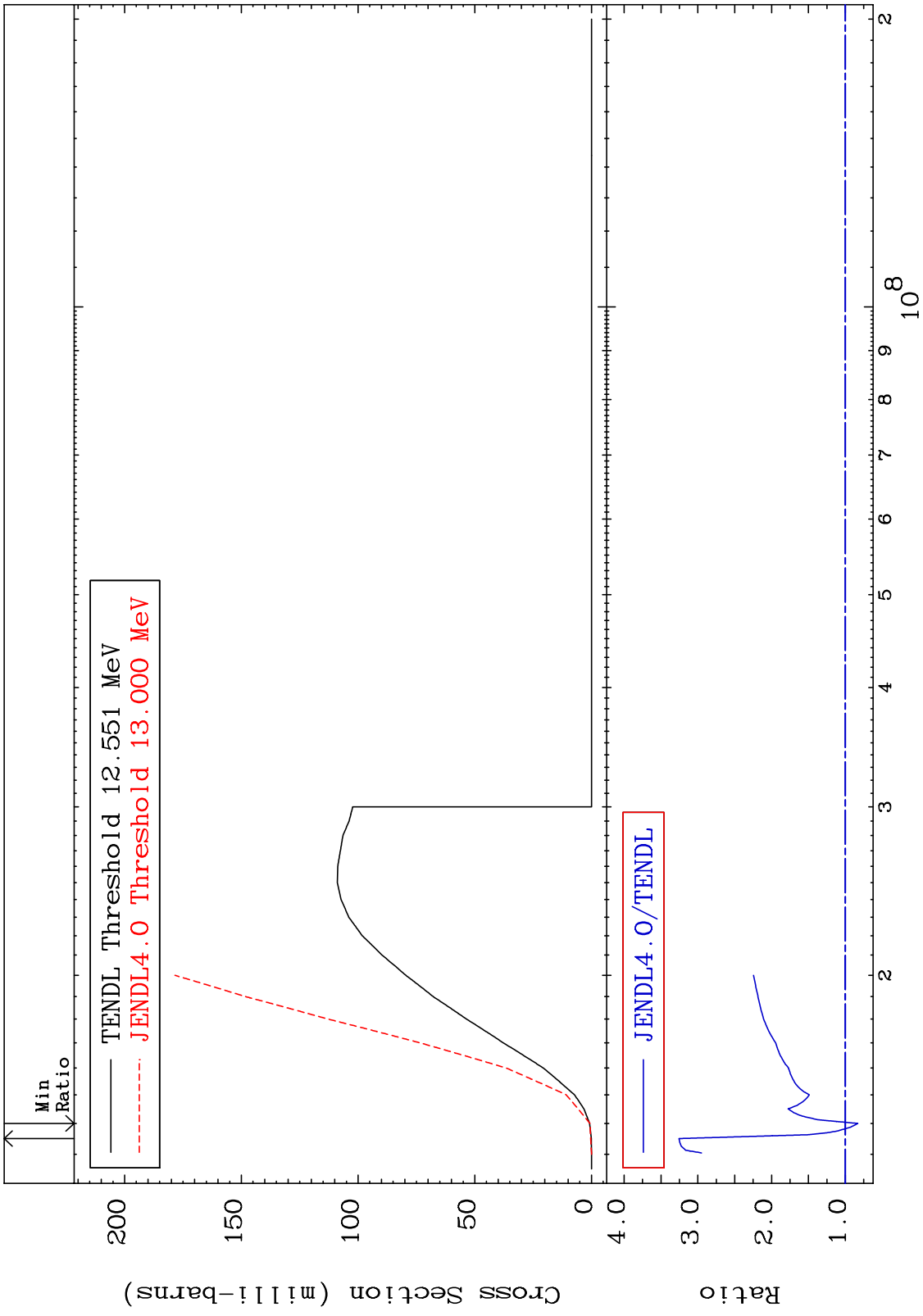


4 12-Mg-25

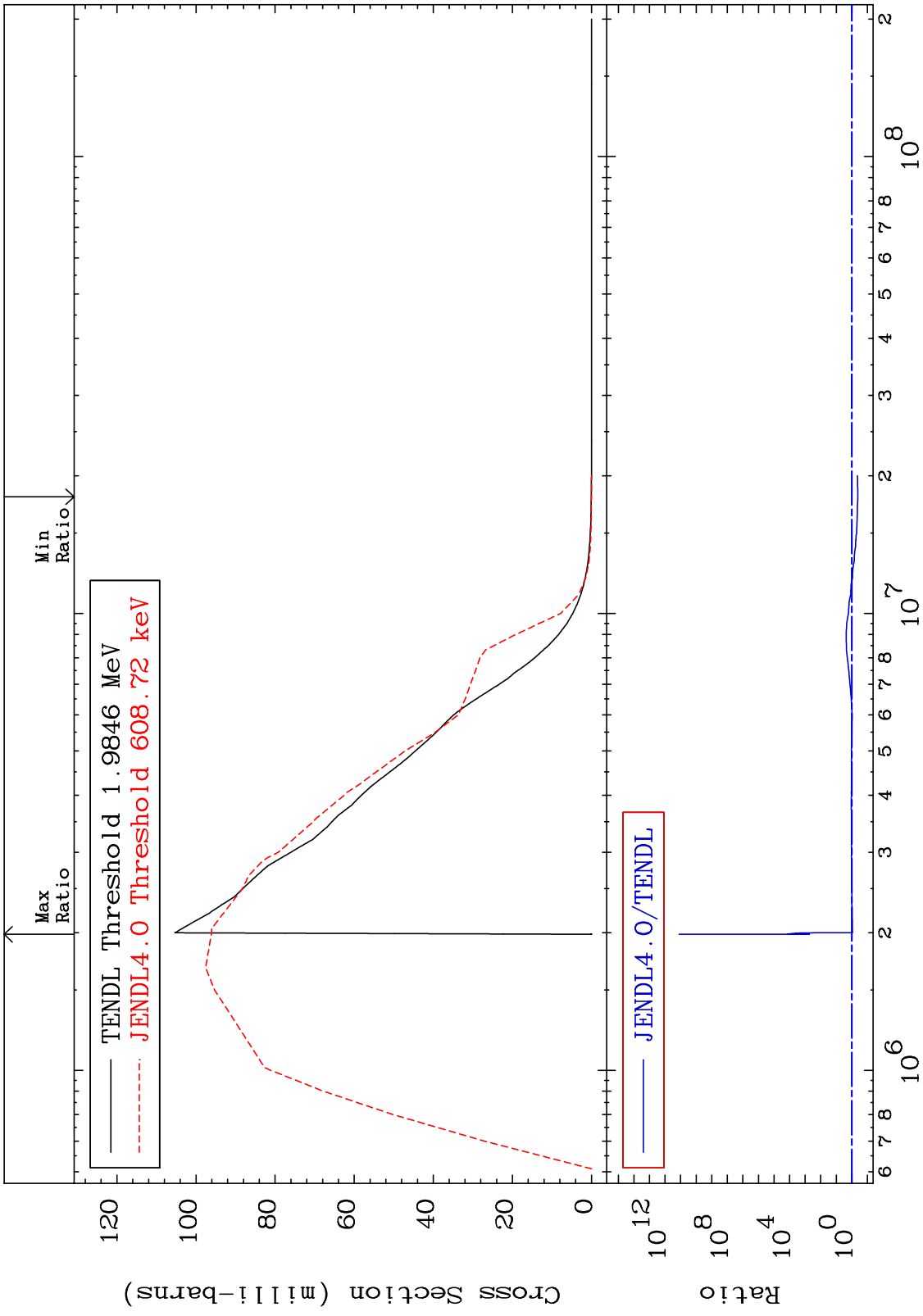
MAT 1228 $(n, n') \alpha$ 12-Mg-25
 Cross Section -8.643 To 7122. %



12-Mg-25

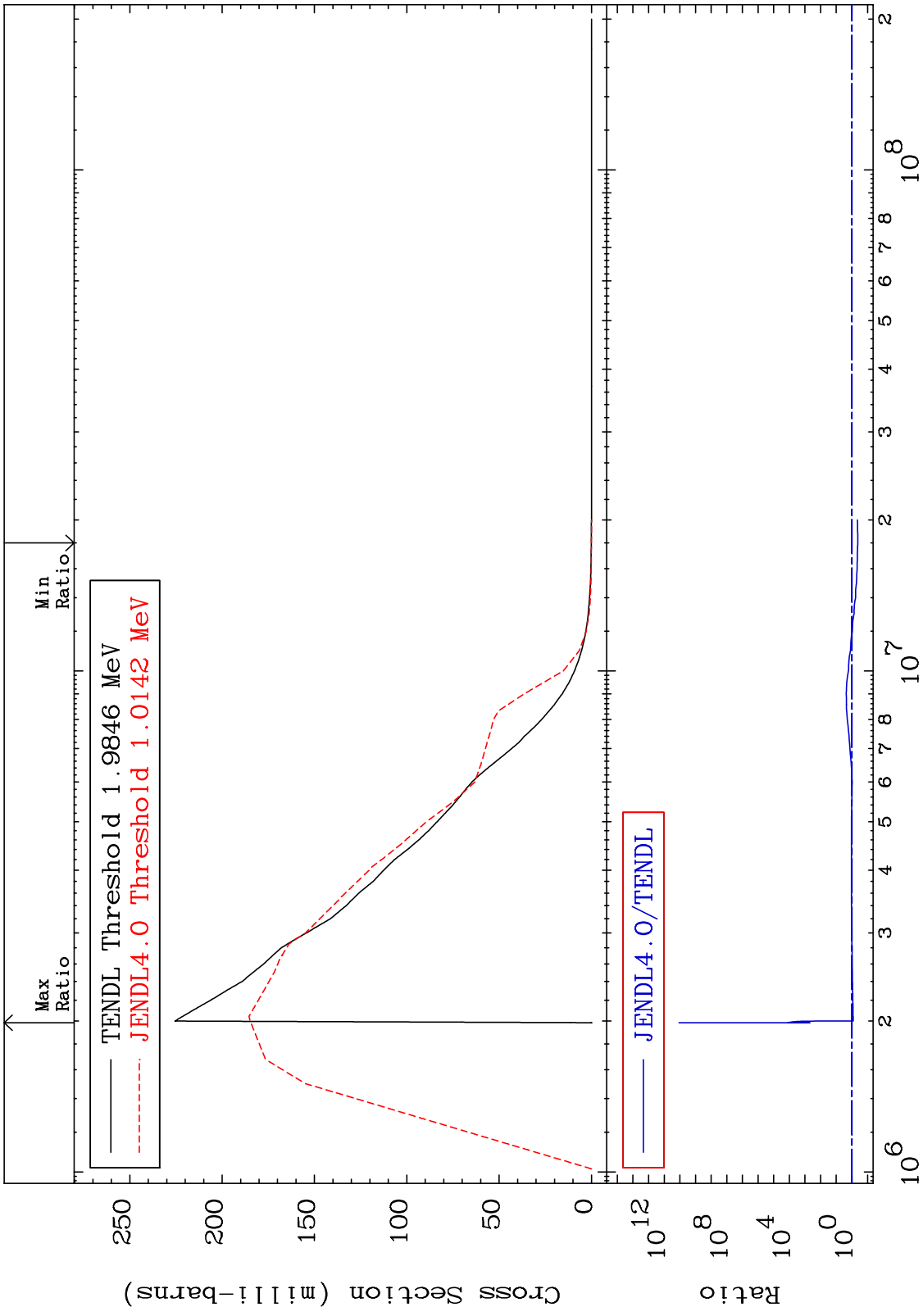


MAT 1228 MT= 51 (n,n') Level Cross Section -58.81 To 9999. % 12-Mg-25



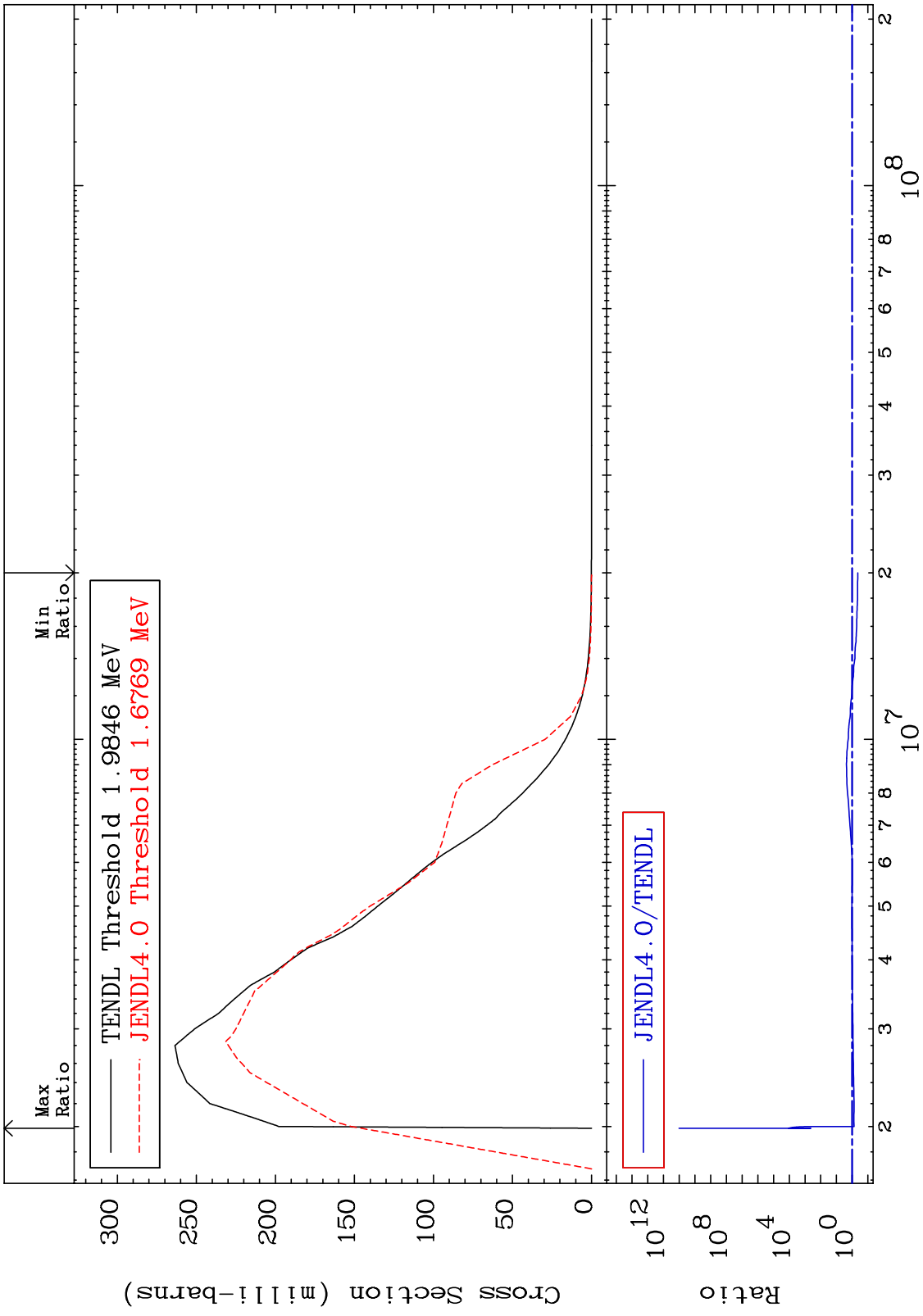
7 Incident Energy (eV) 12-Mg-25

MAT 1228 MT= 52 (n,n') Level Cross Section 12-Mg-25 -58.33 To 9999. %

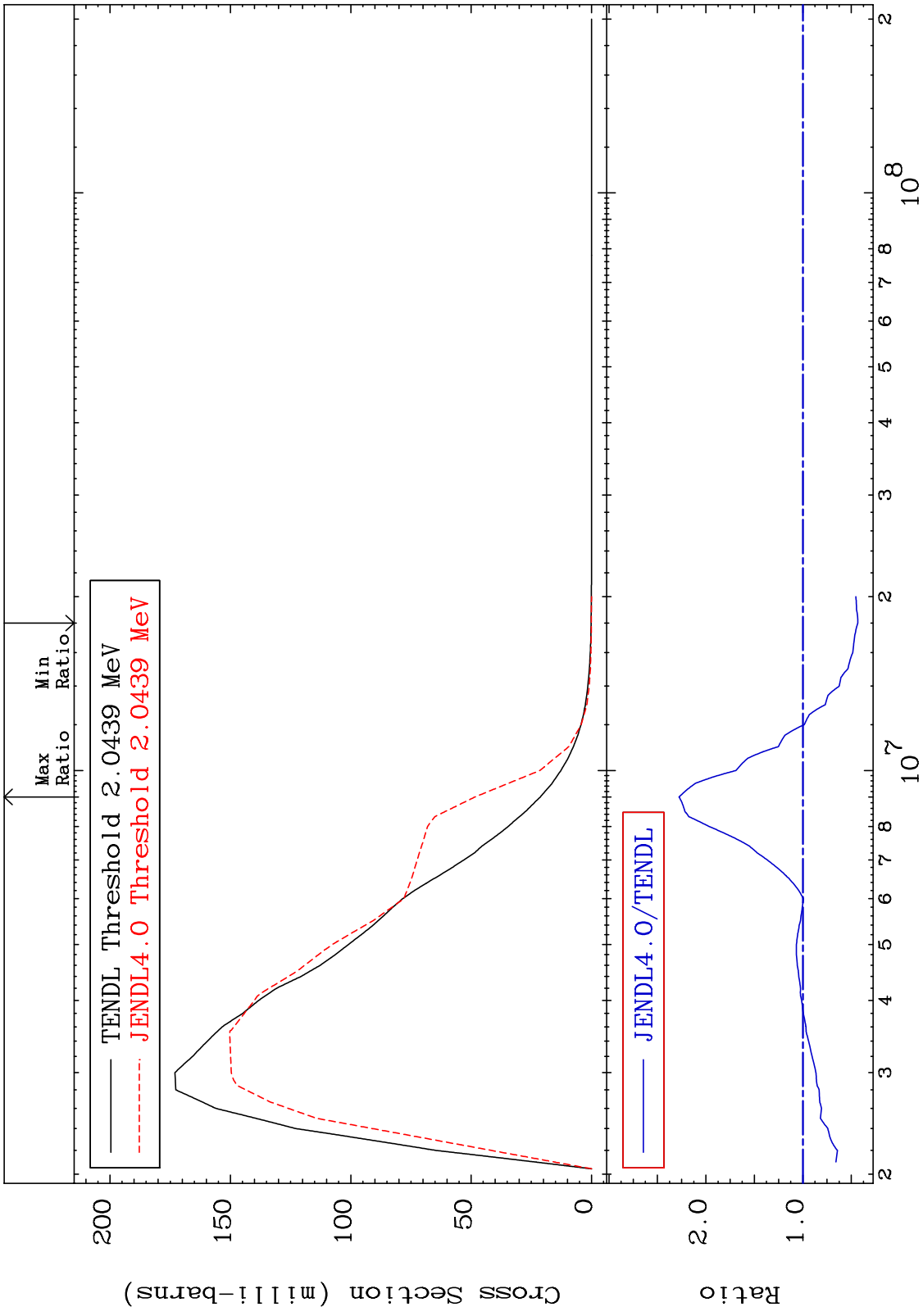


12-Mg-25

MAT 1228 MT= 53 (n,n') Level Cross Section -56.20 To 9999. % 12-Mg-25

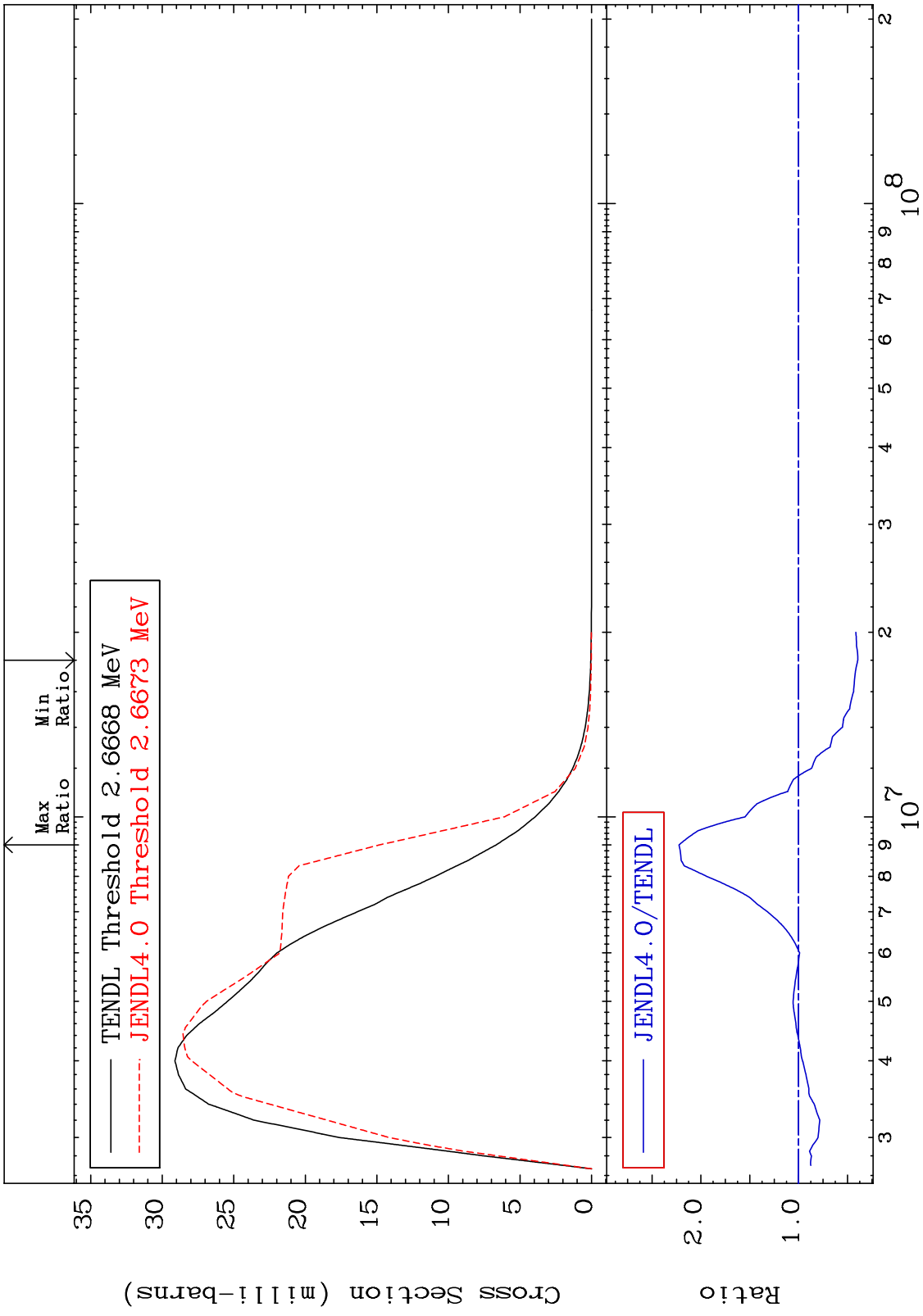


MAT 1228 MT= 54 (n,n') Level Cross Section -56.75 To 127.7 % 12-Mg-25

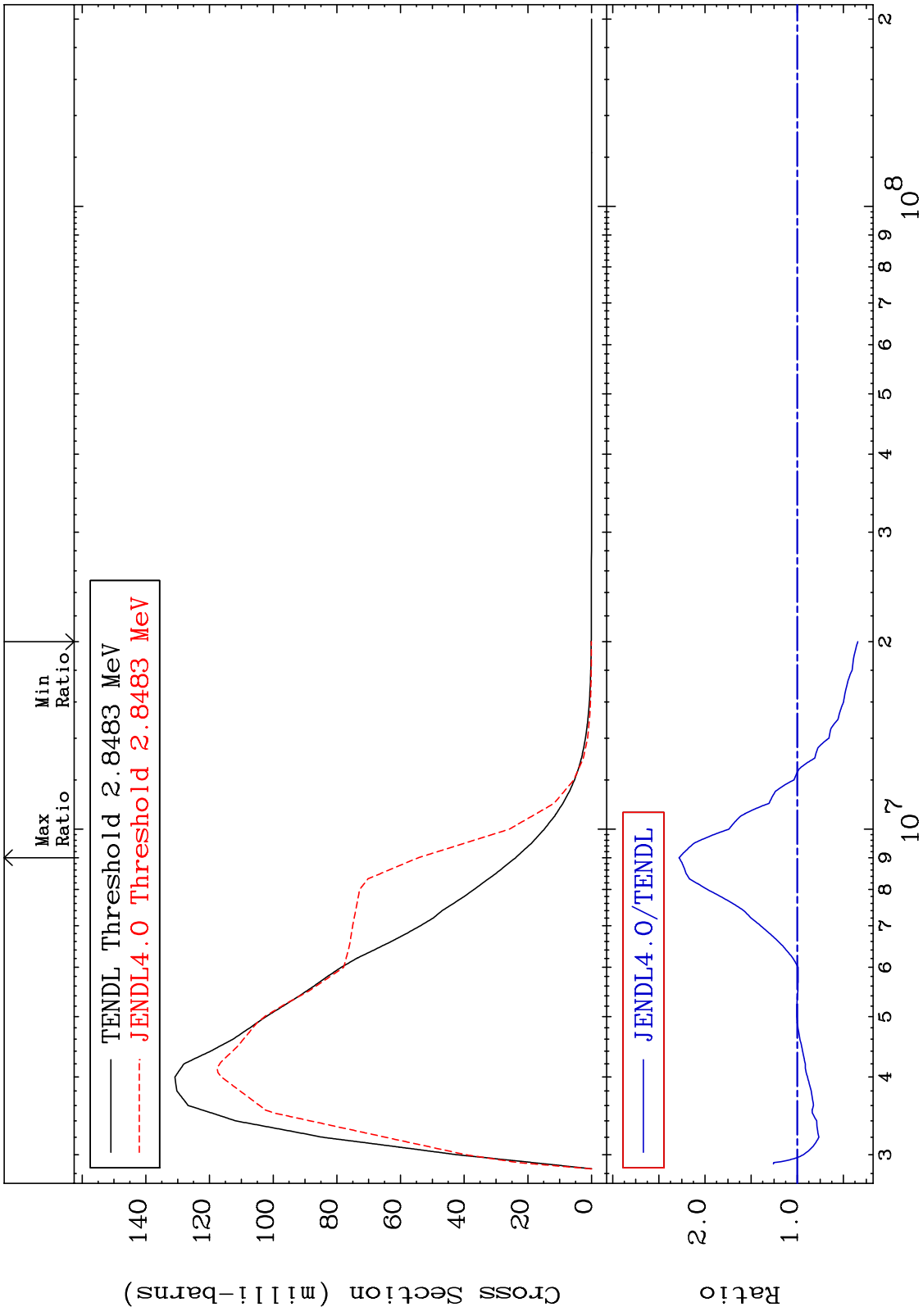


10 Incident Energy (eV) 12-Mg-25

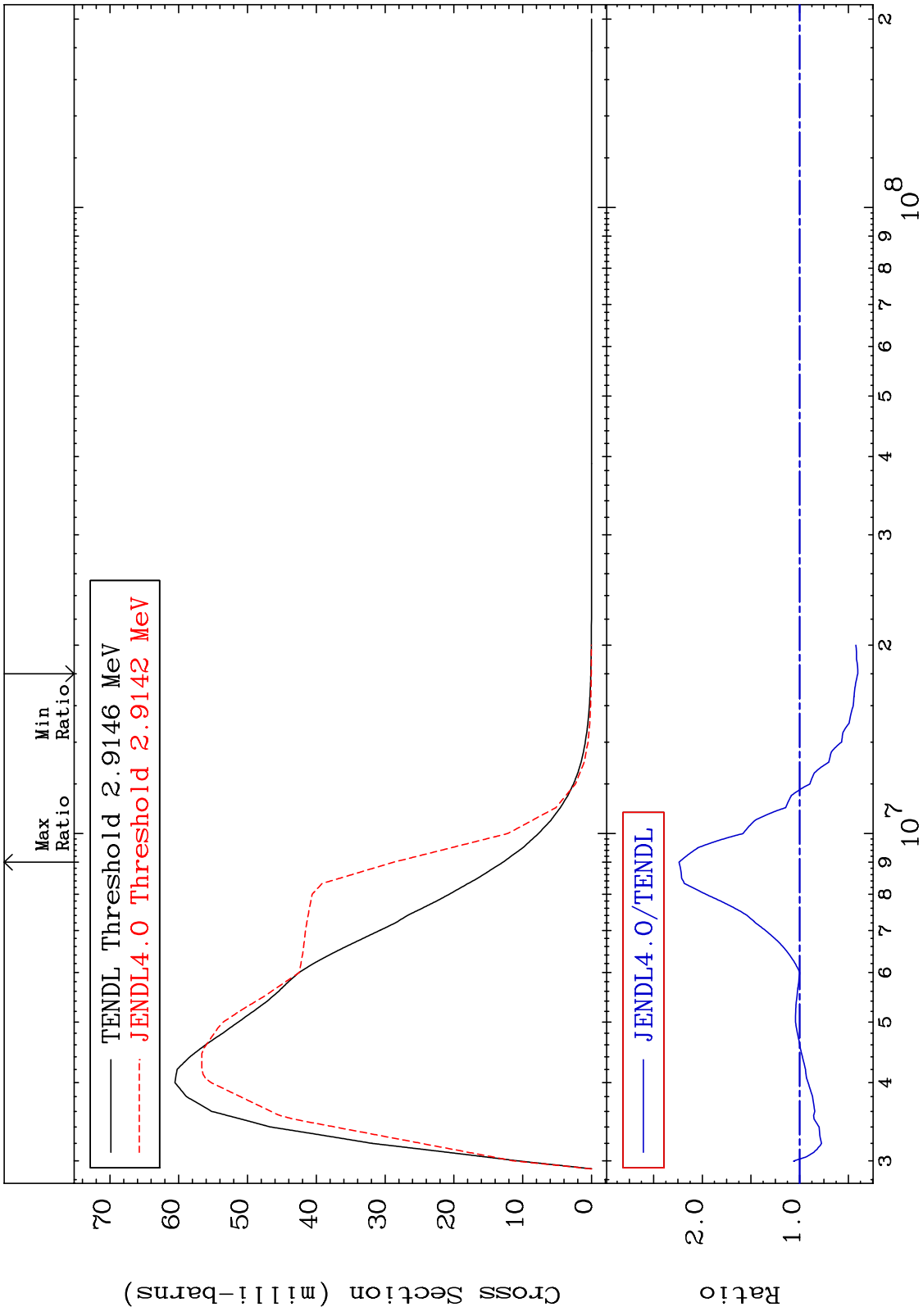
MAT 1228 MT= 55 (n,n') Level Cross Section -60.57 To 122.4 % 12-Mg-25



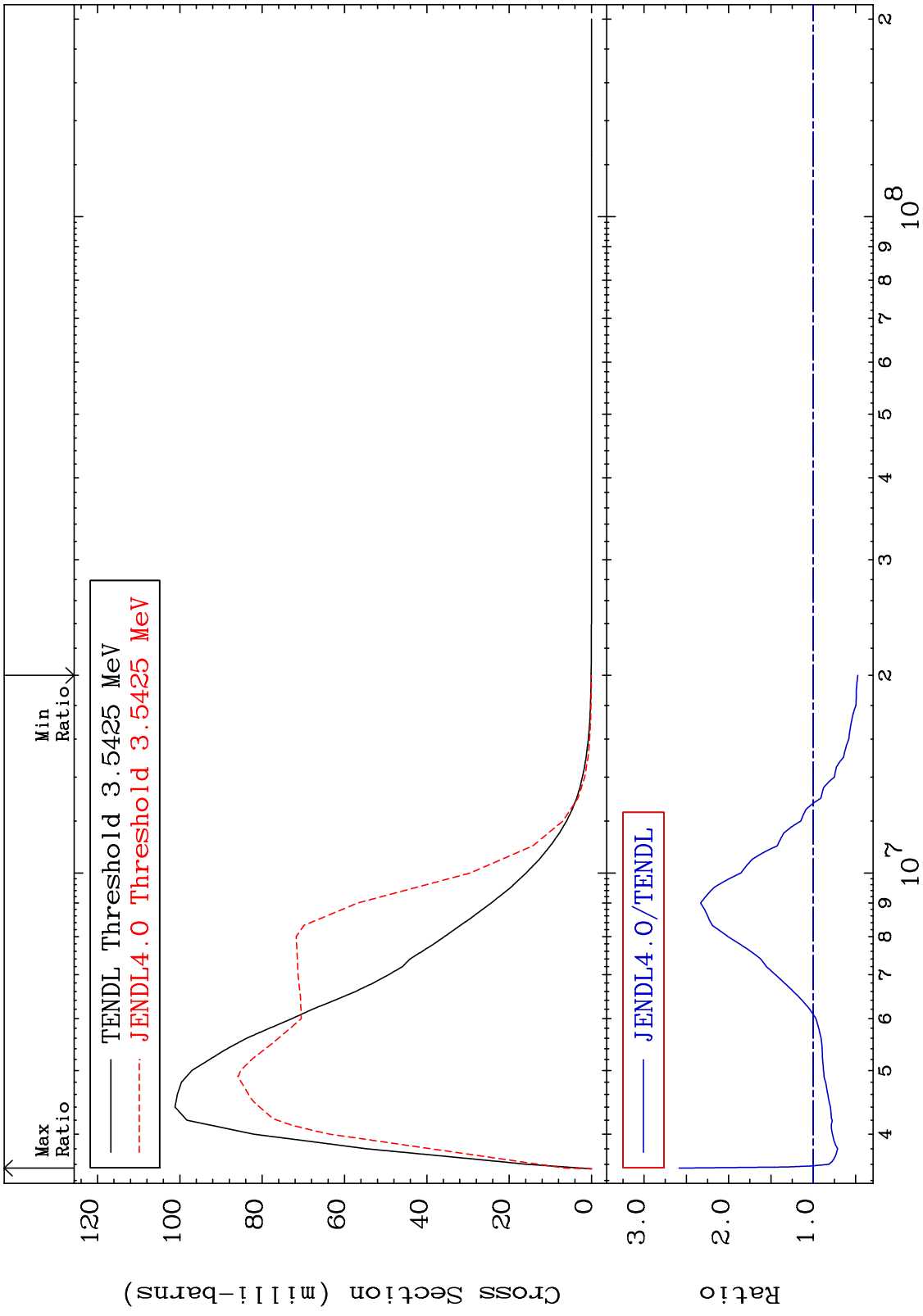
MAT 1228 MT= 56 (n,n') Level Cross Section -65.74 To 128.1 % 12-Mg-25



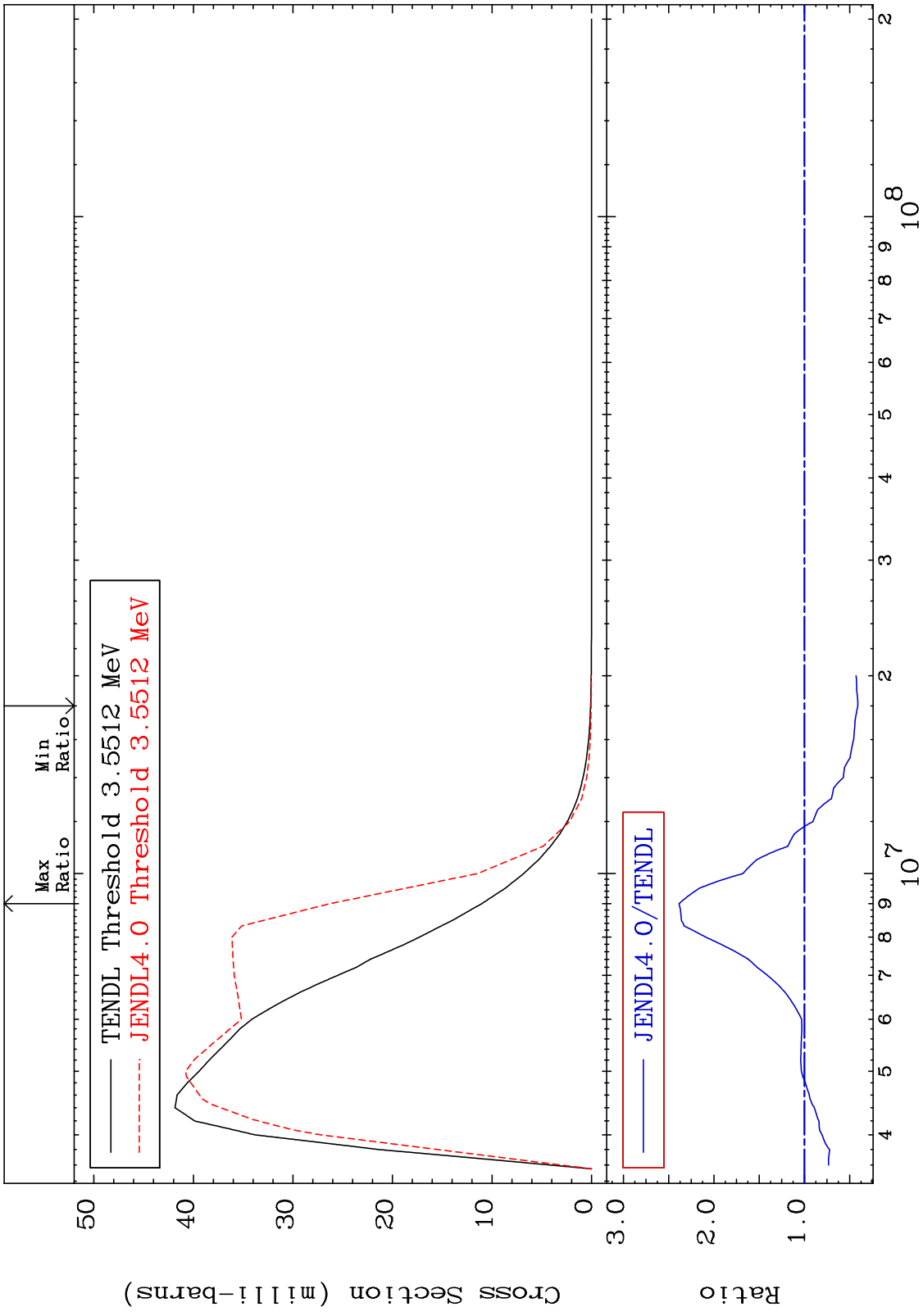
MAT 1228 MT= 57 (n,n') Level Cross Section 12-Mg-25
 -59.82 To 123.9 %



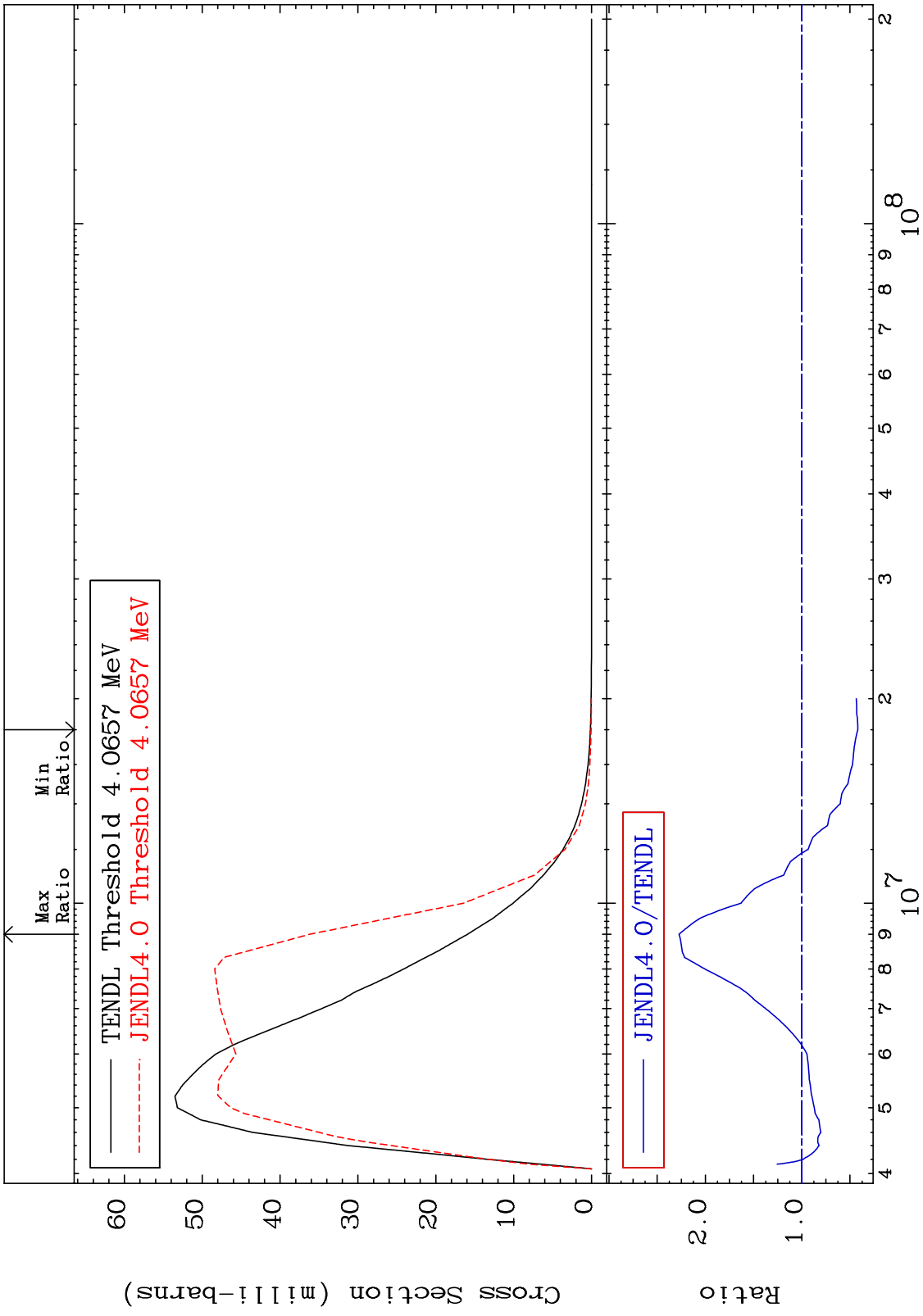
MAT 1228 MT= 58 (n,n') Level Cross Section -52.70 To 158.7 % 12-Mg-25



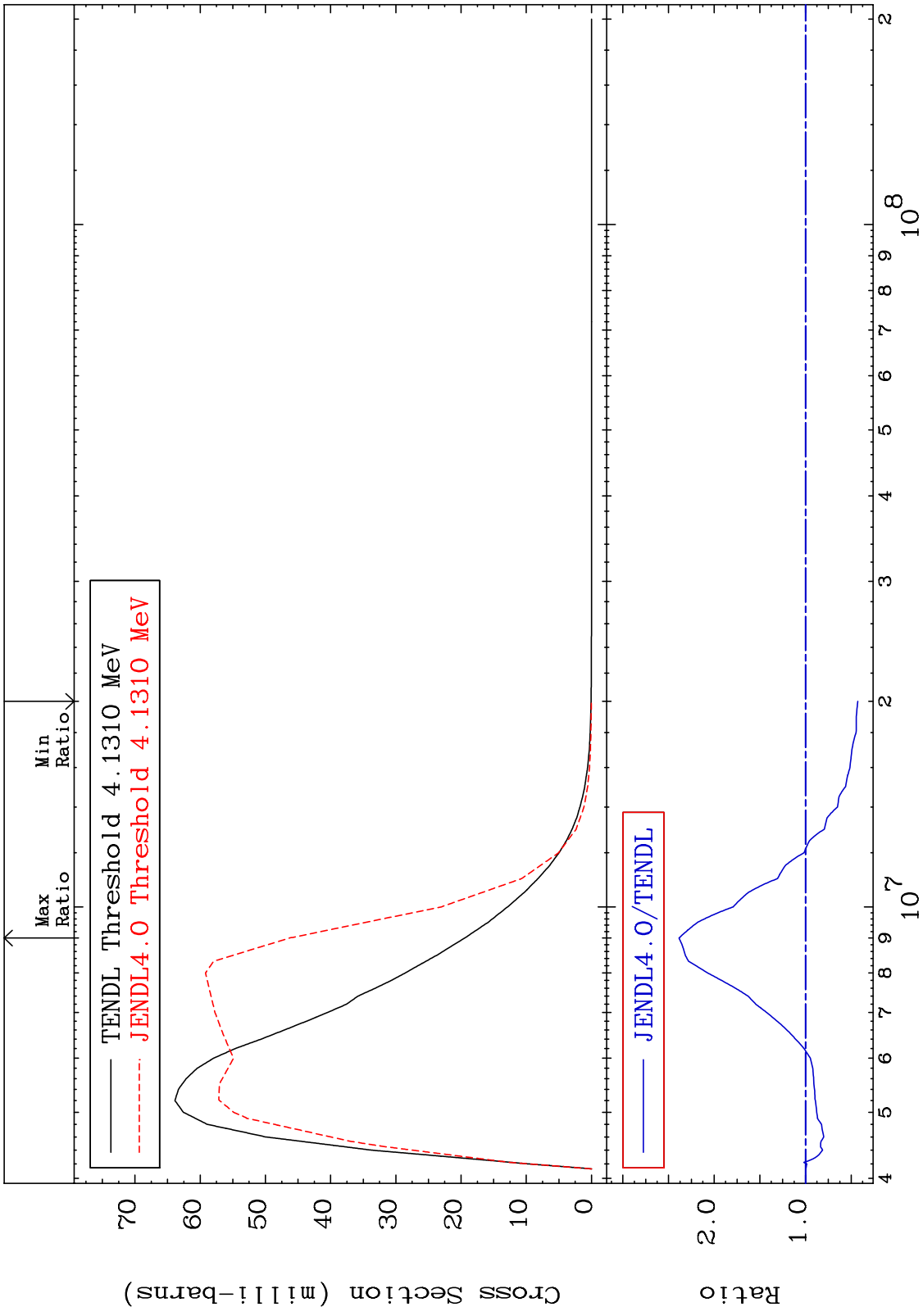
MAT 1228 MT= 59 (n,n') Level Cross Section 12-Mg-25
 -59.03 To 138.6 %



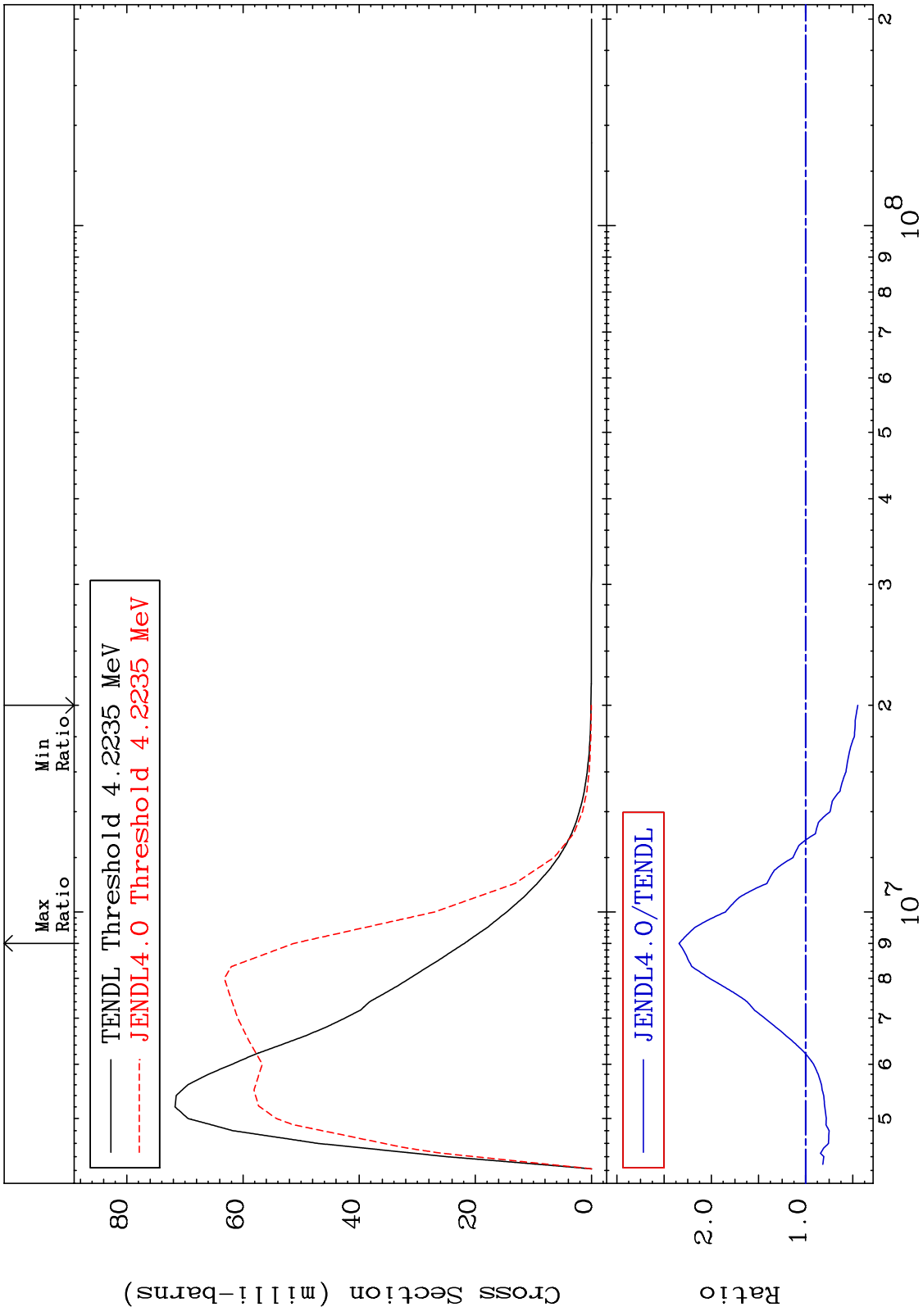
MAT 1228 MT= 60 (n,n') Level Cross Section -58.12 To 127.4 % 12-Mg-25



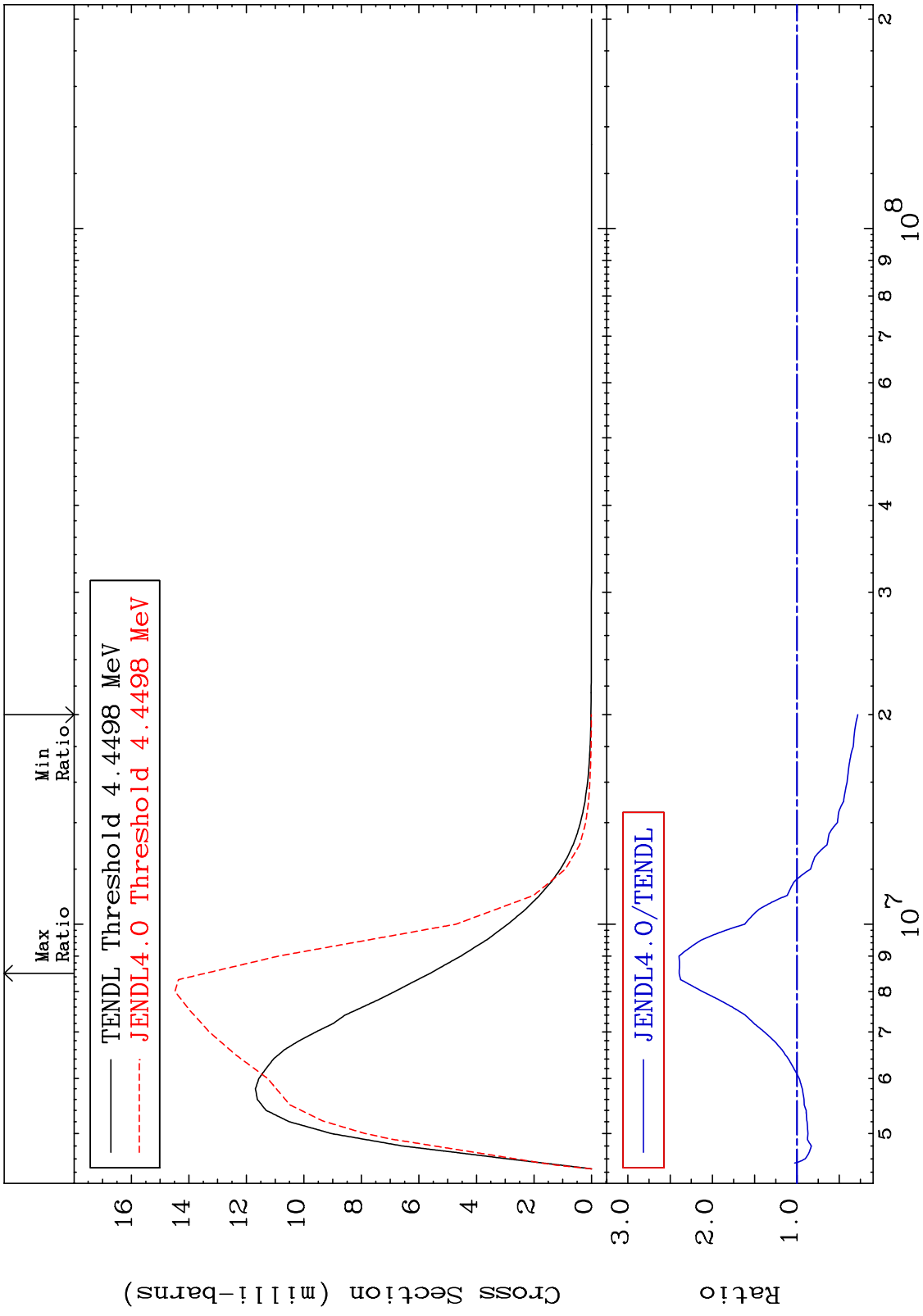
MAT 1228 MT= 61 (n,n') Level Cross Section -57.28 To 138.5 % 12-Mg-25



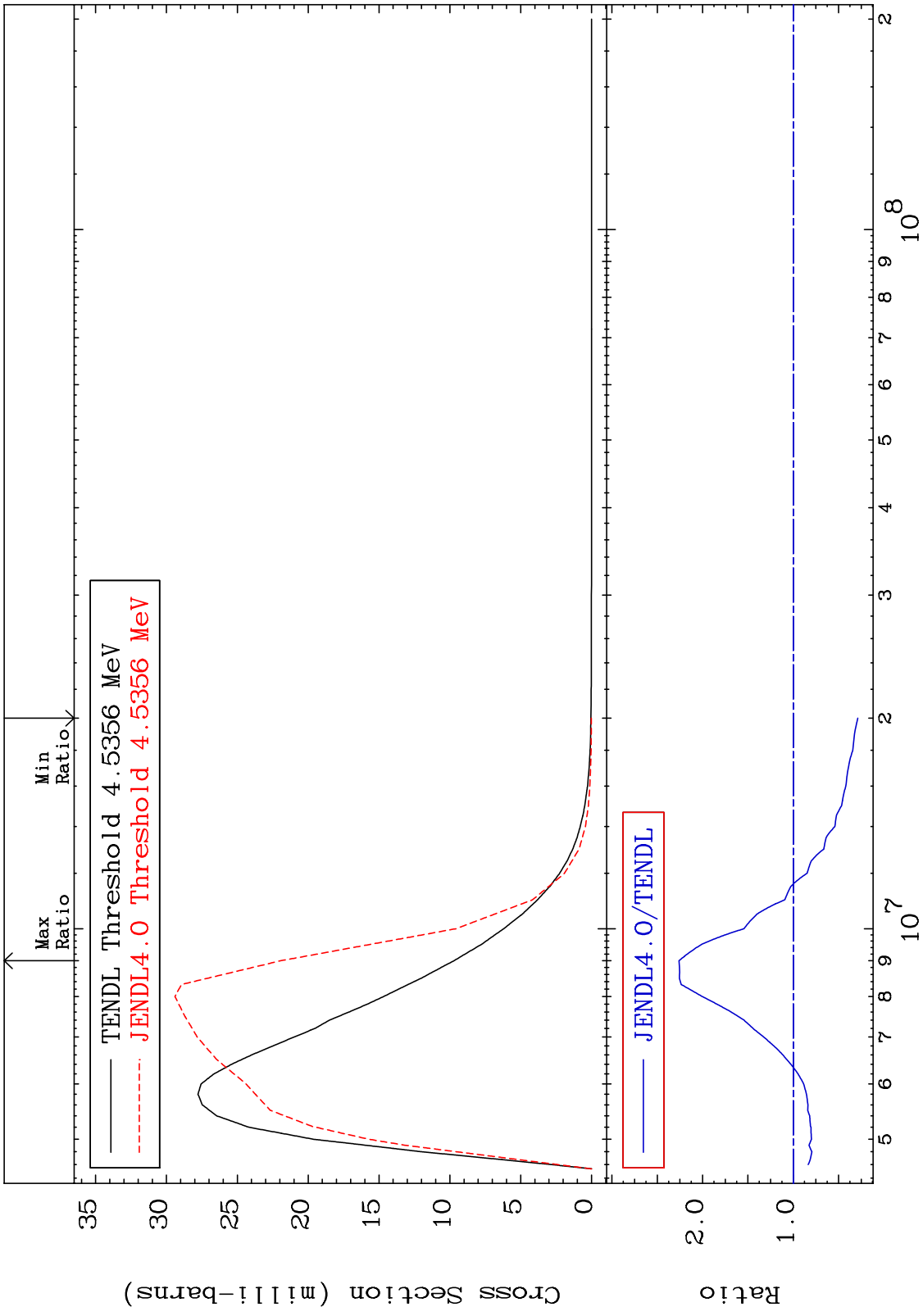
MAT 1228 MT= 62 (n,n') Level Cross Section 12-Mg-25
 -55.30 To 134.2 %



MAT 1228 MT= 63 (n,n') Level Cross Section 12-Mg-25
 -71.96 To 139.5 %

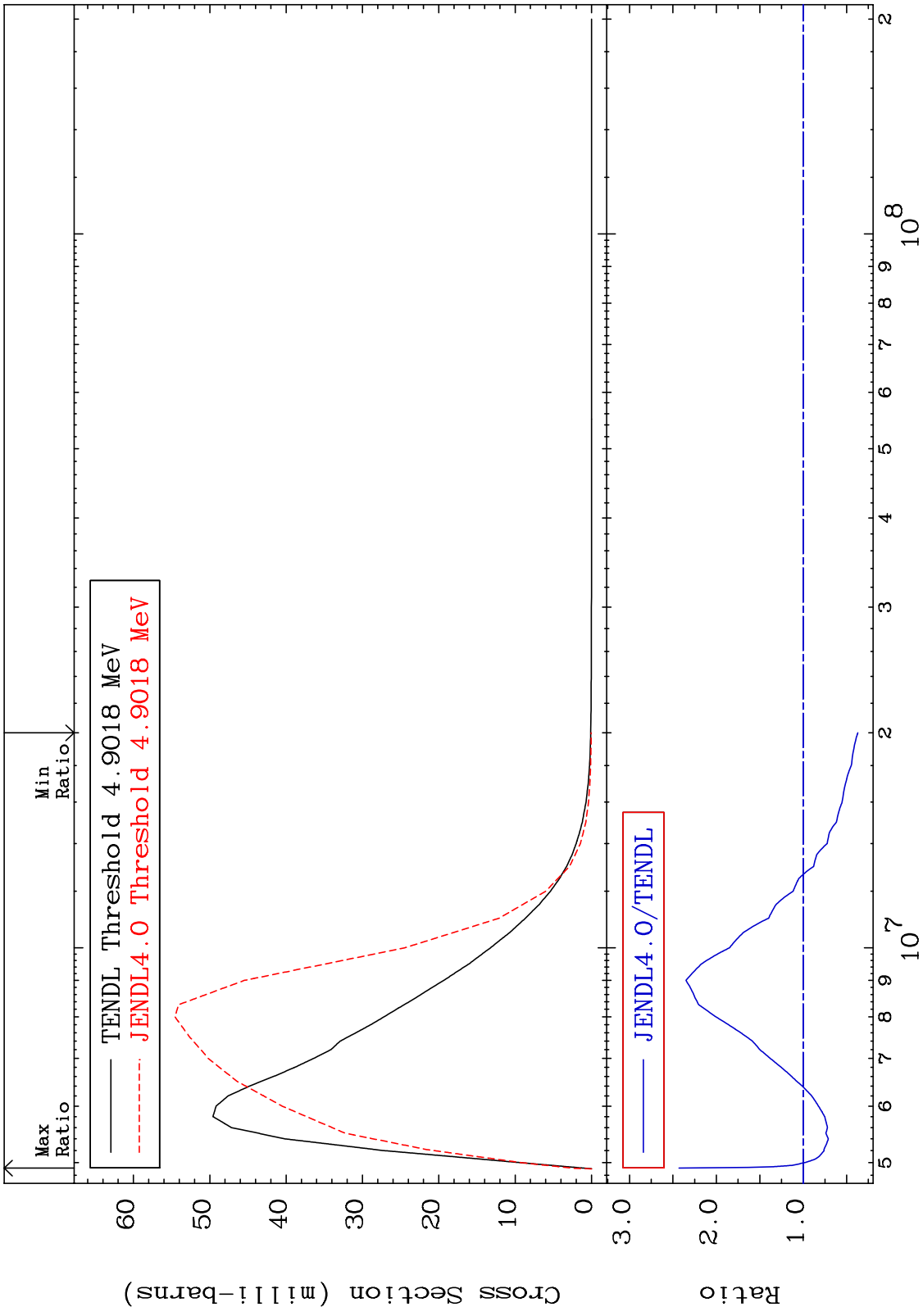


MAT 1228 MT= 64 (n,n') Level Cross Section -71.28 To 126.0 % 12-Mg-25

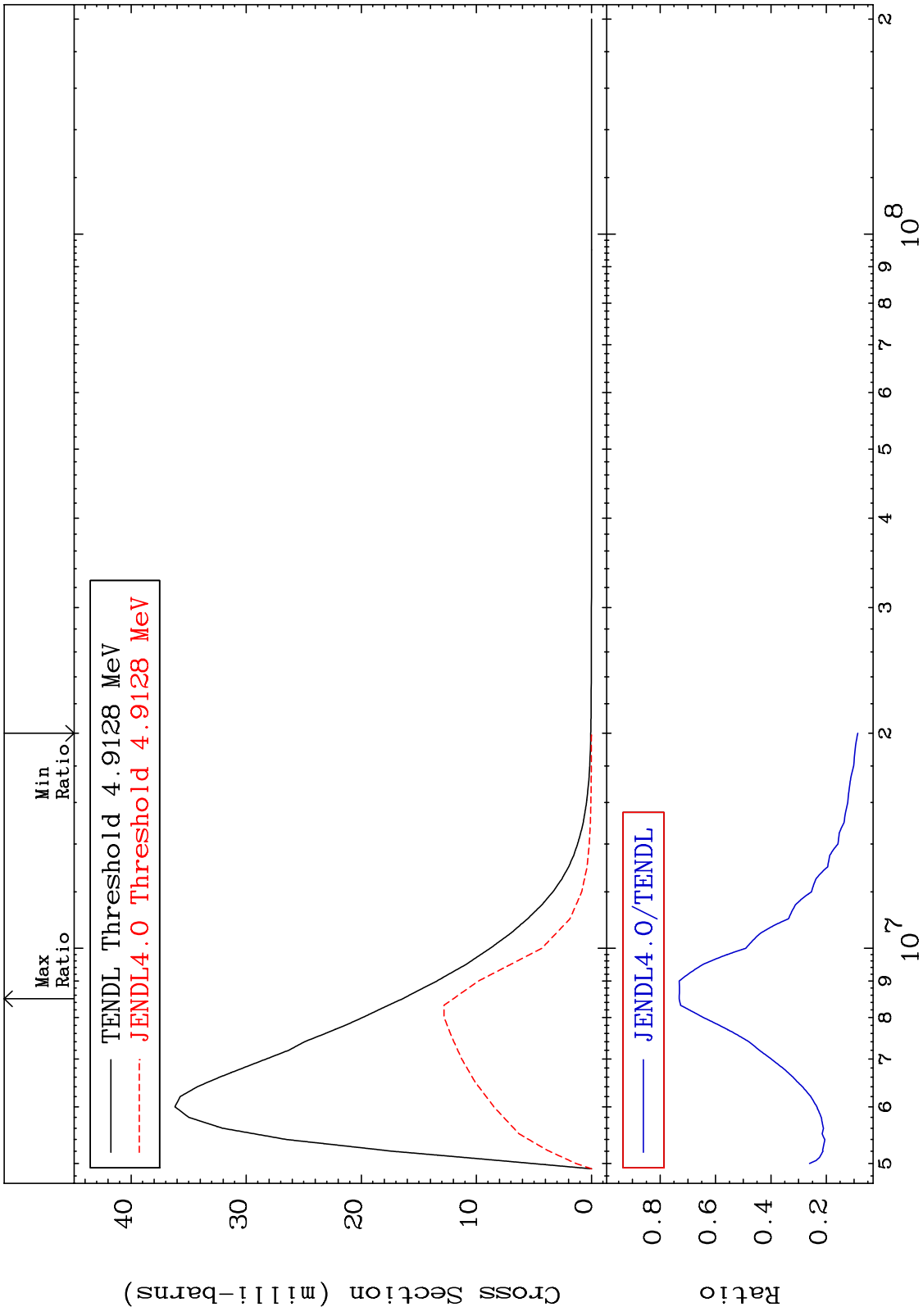


20 Incident Energy (eV) 12-Mg-25

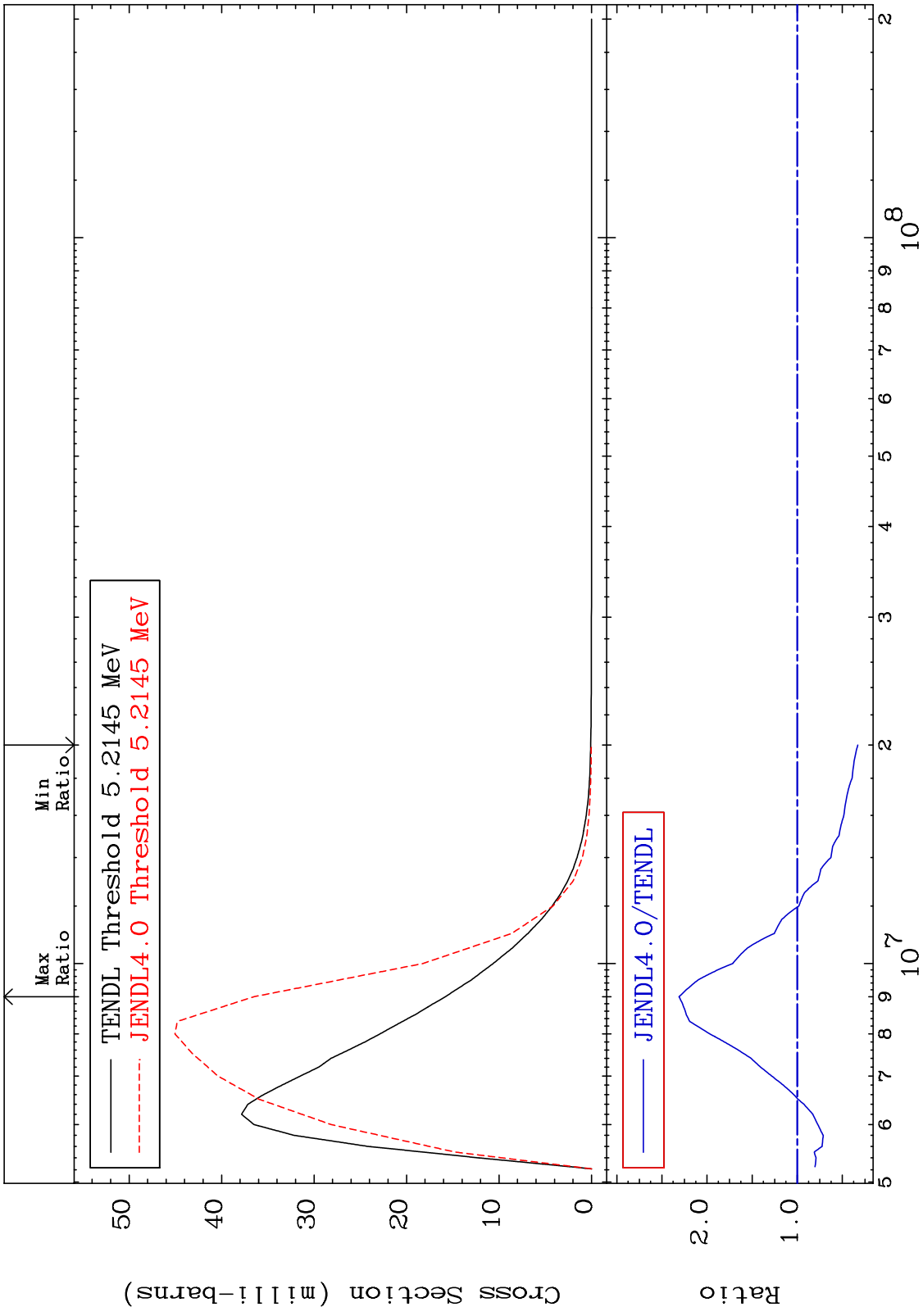
MAT 1228 MT= 65 (n,n') Level Cross Section 12-Mg-25
 -62.85 To 142.9 %



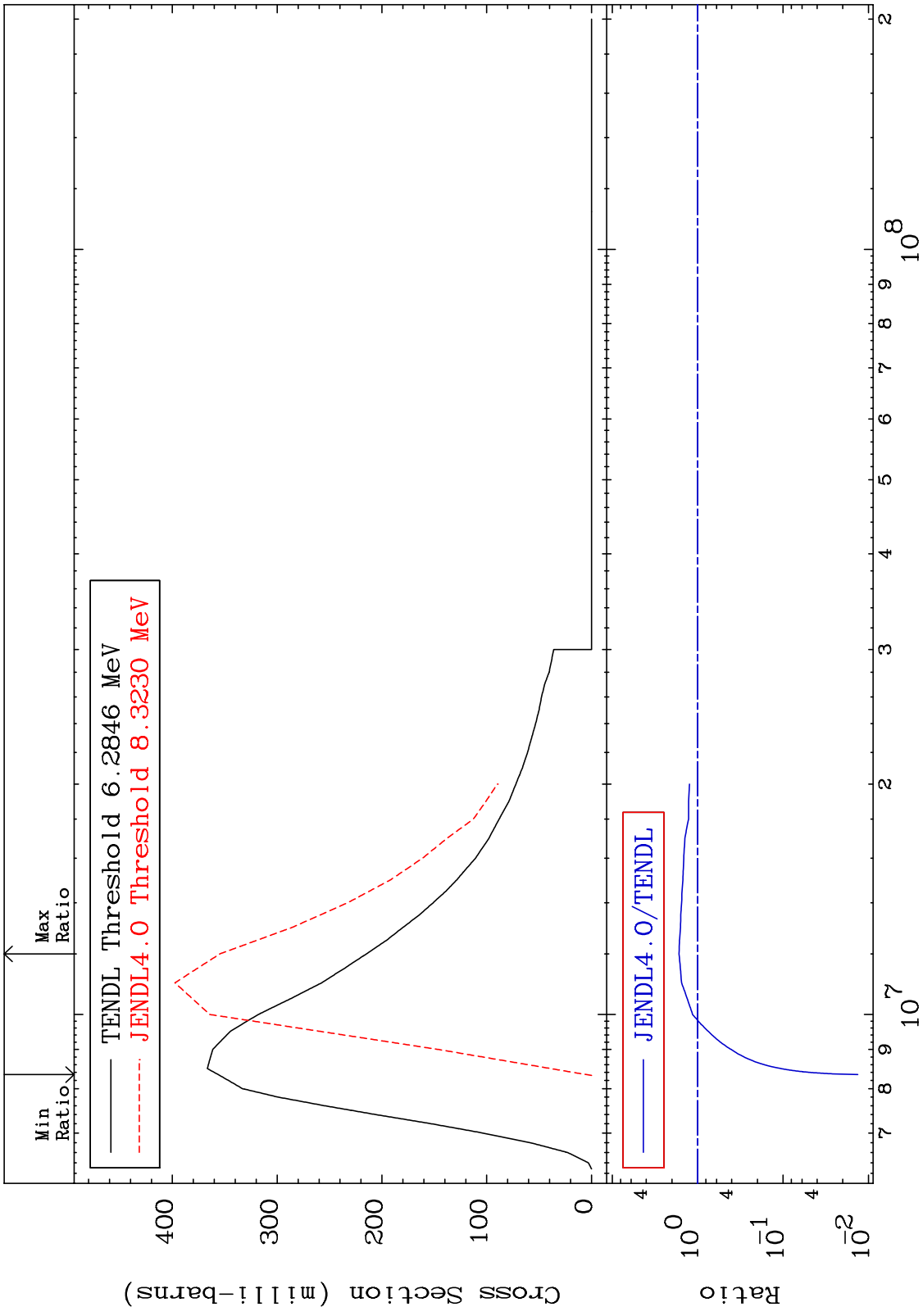
MAT 1228 MT= 66 (n,n') Level Cross Section 12-Mg-25
 -91.39 To -26.82%



MAT 1228 MT= 67 (n,n') Level Cross Section 12-Mg-25
 -67.16 To 131.0 %



MAT 1228 (n,n') Continuum Cross Section 12-Mg-25 -98.67 To 65.19 %



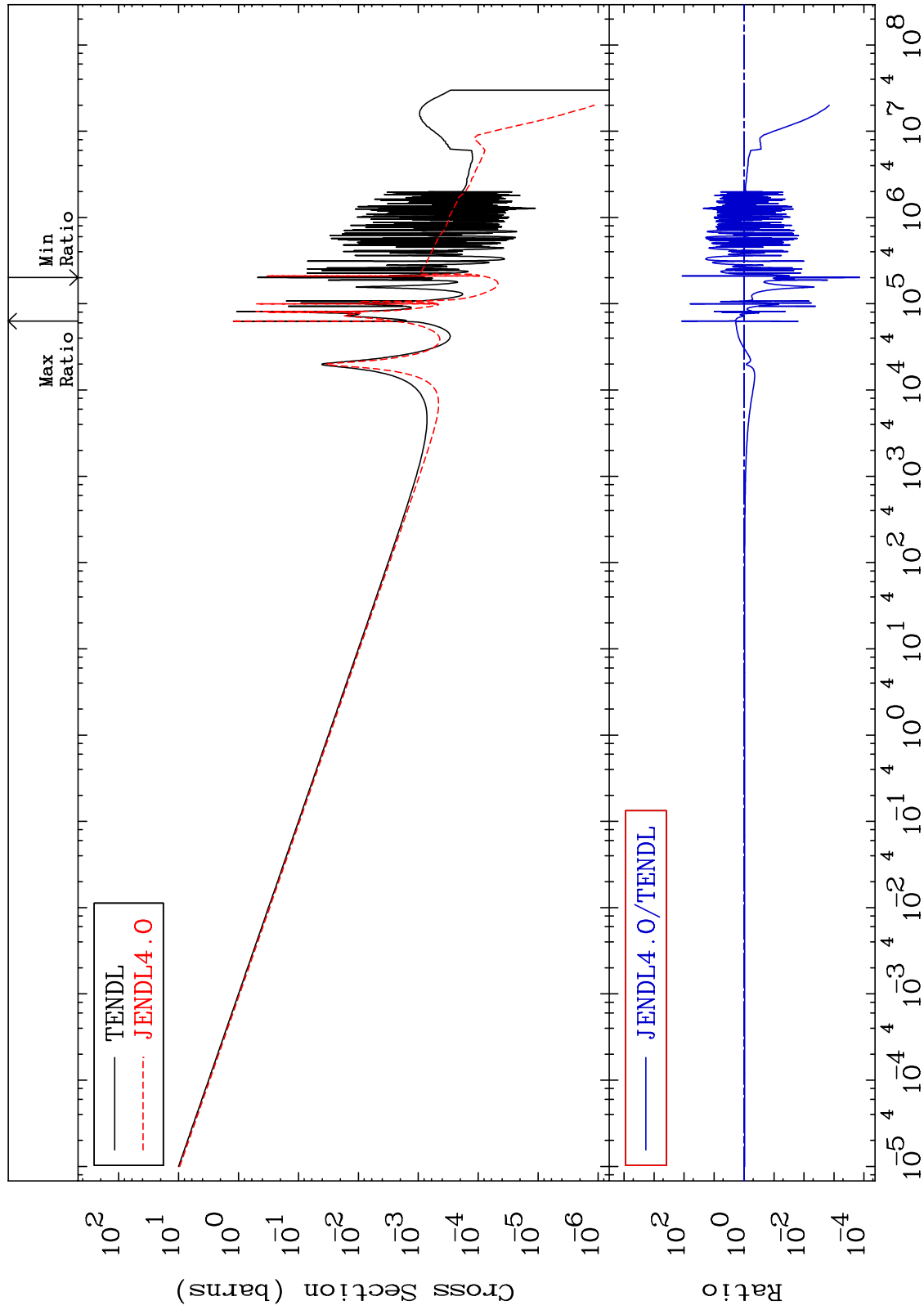
MAT 1228

(n, γ)

12-Mg-25

Cross Section

-99.99 To 9999. %

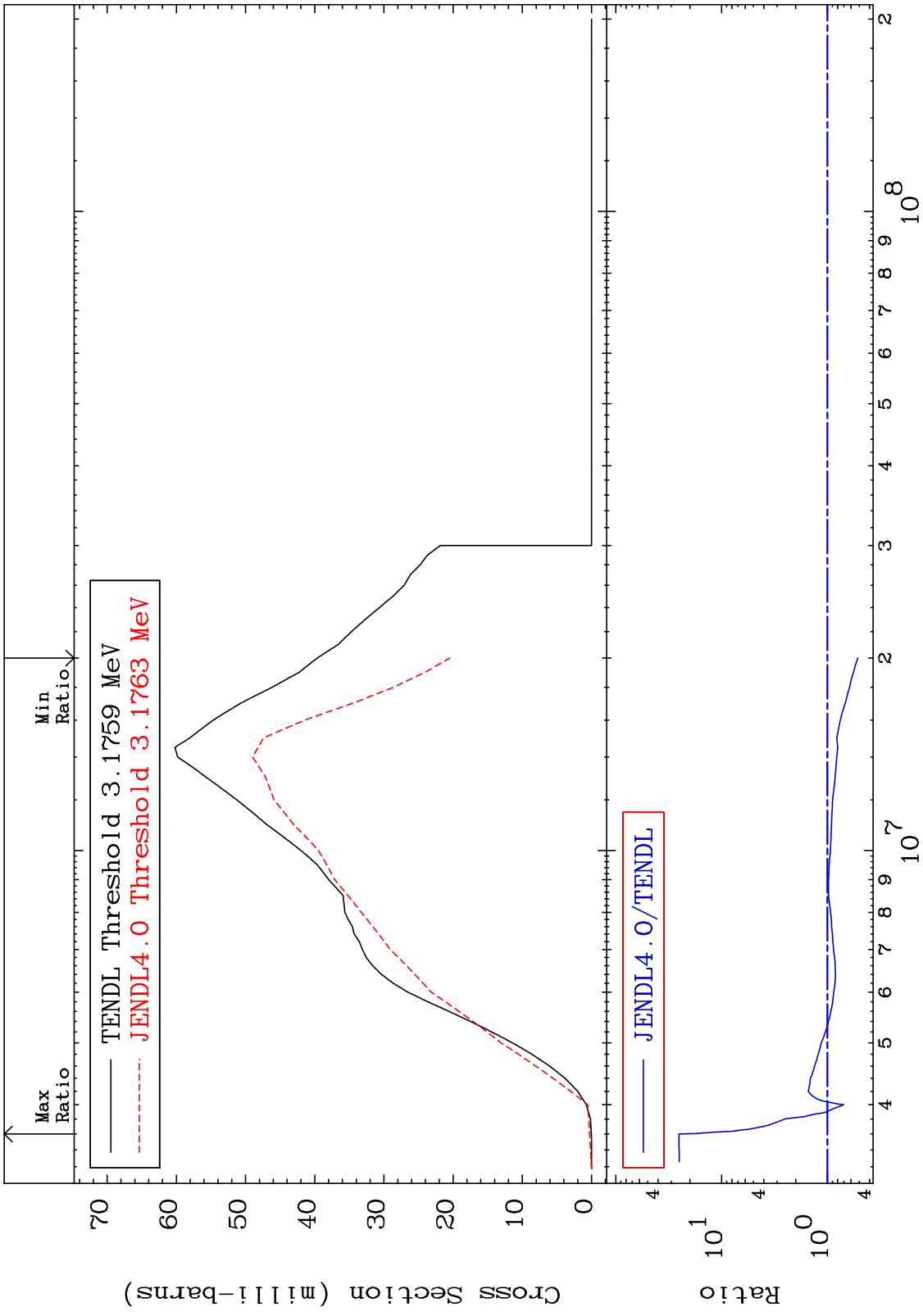


25

Incident Energy (eV)

12-Mg-25

MAT 1228 (n,p) Cross Section 12-Mg-25
 -48.32 To 2430. %



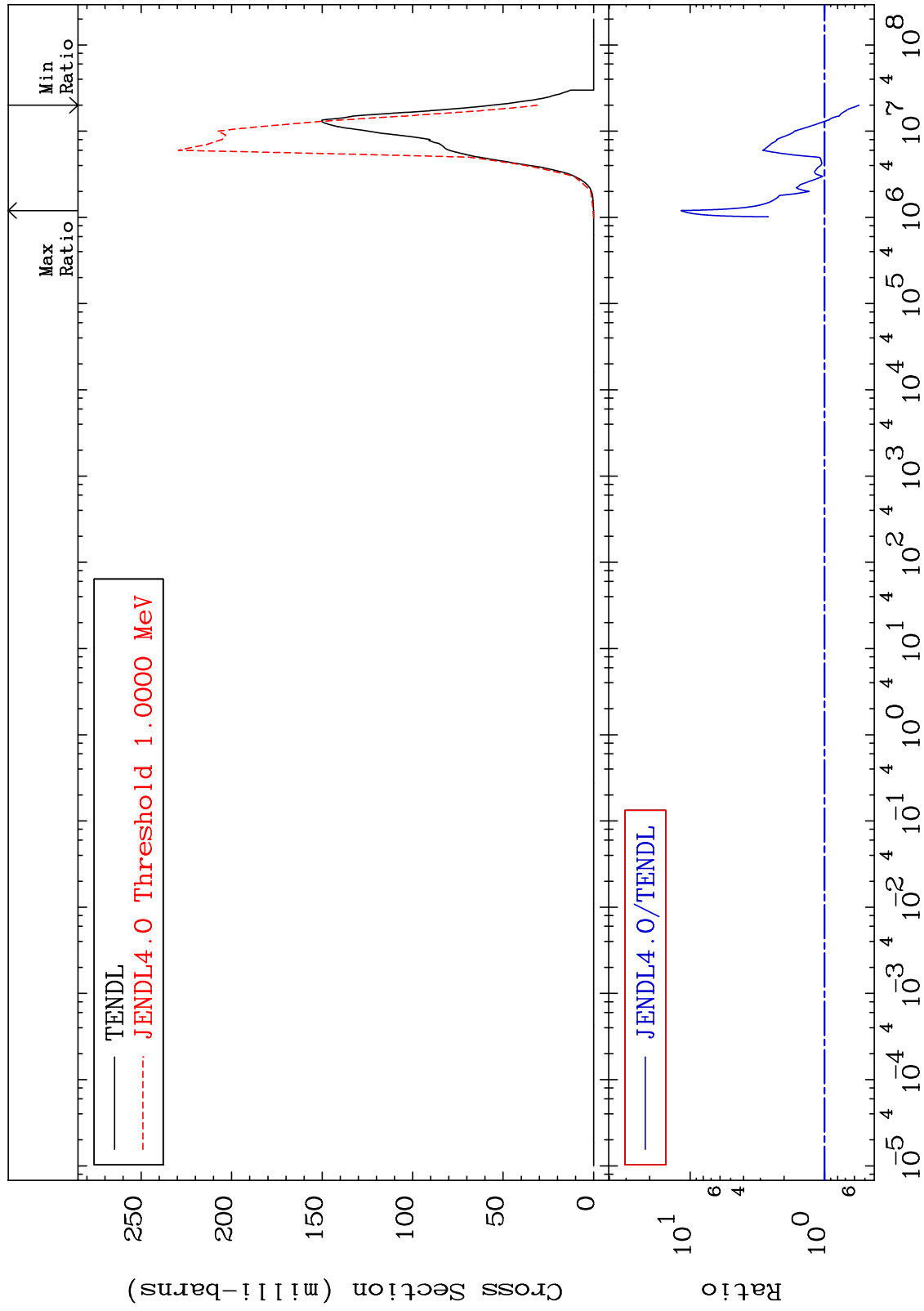
MAT 1228

(n, α)

12-Mg-25

Cross Section

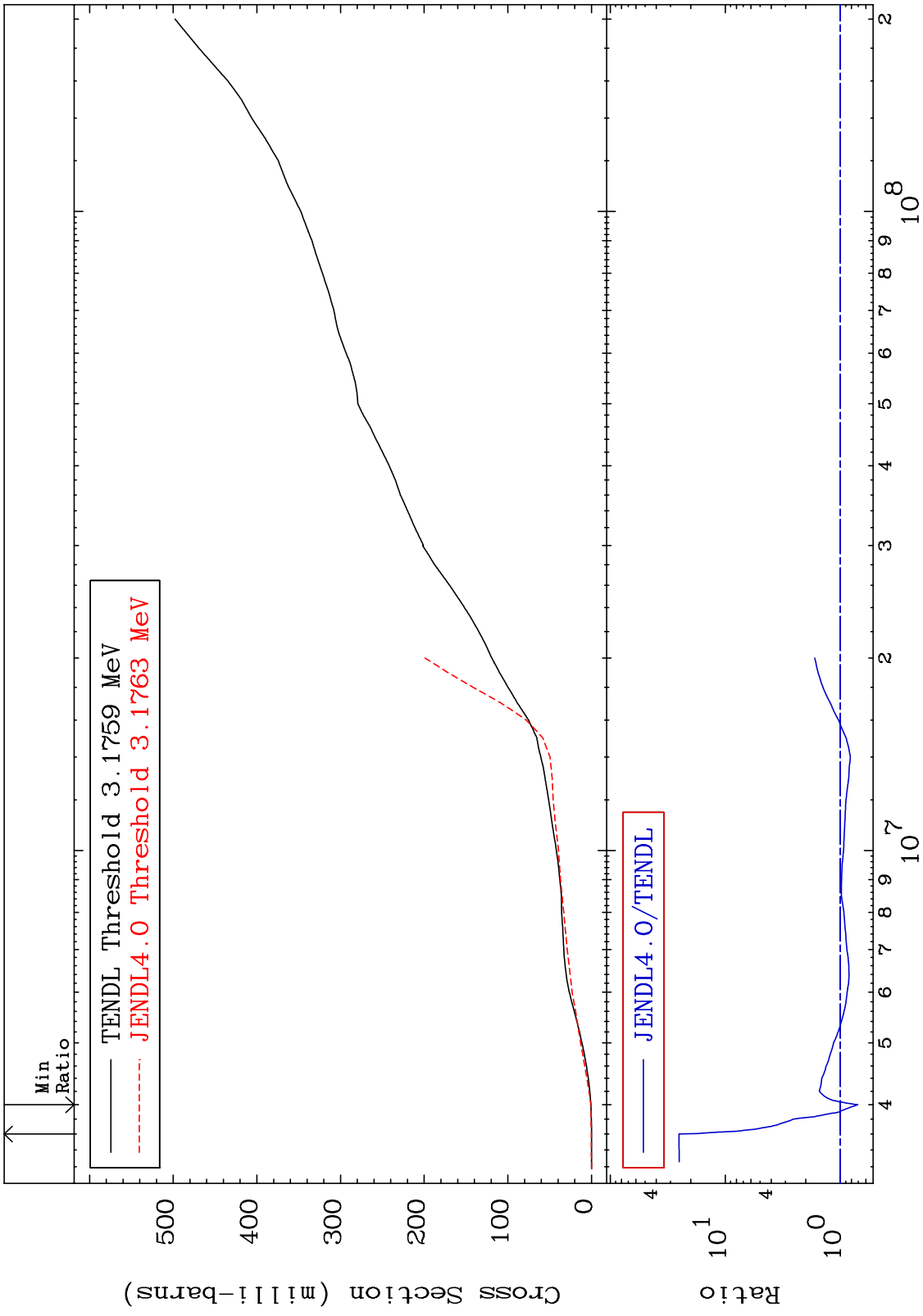
-44.64 To 1073. %



27

Incident Energy (eV)

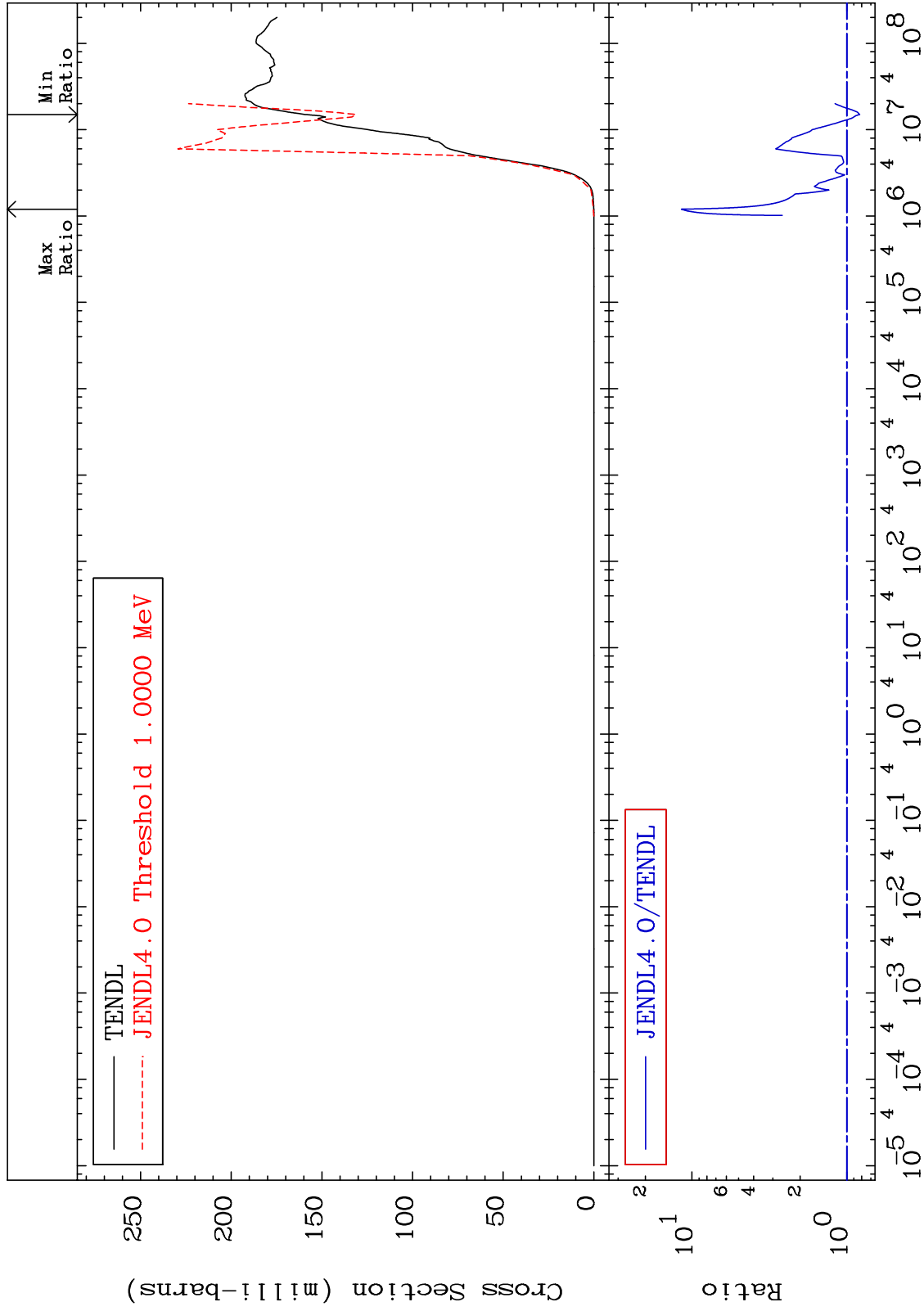
12-Mg-25

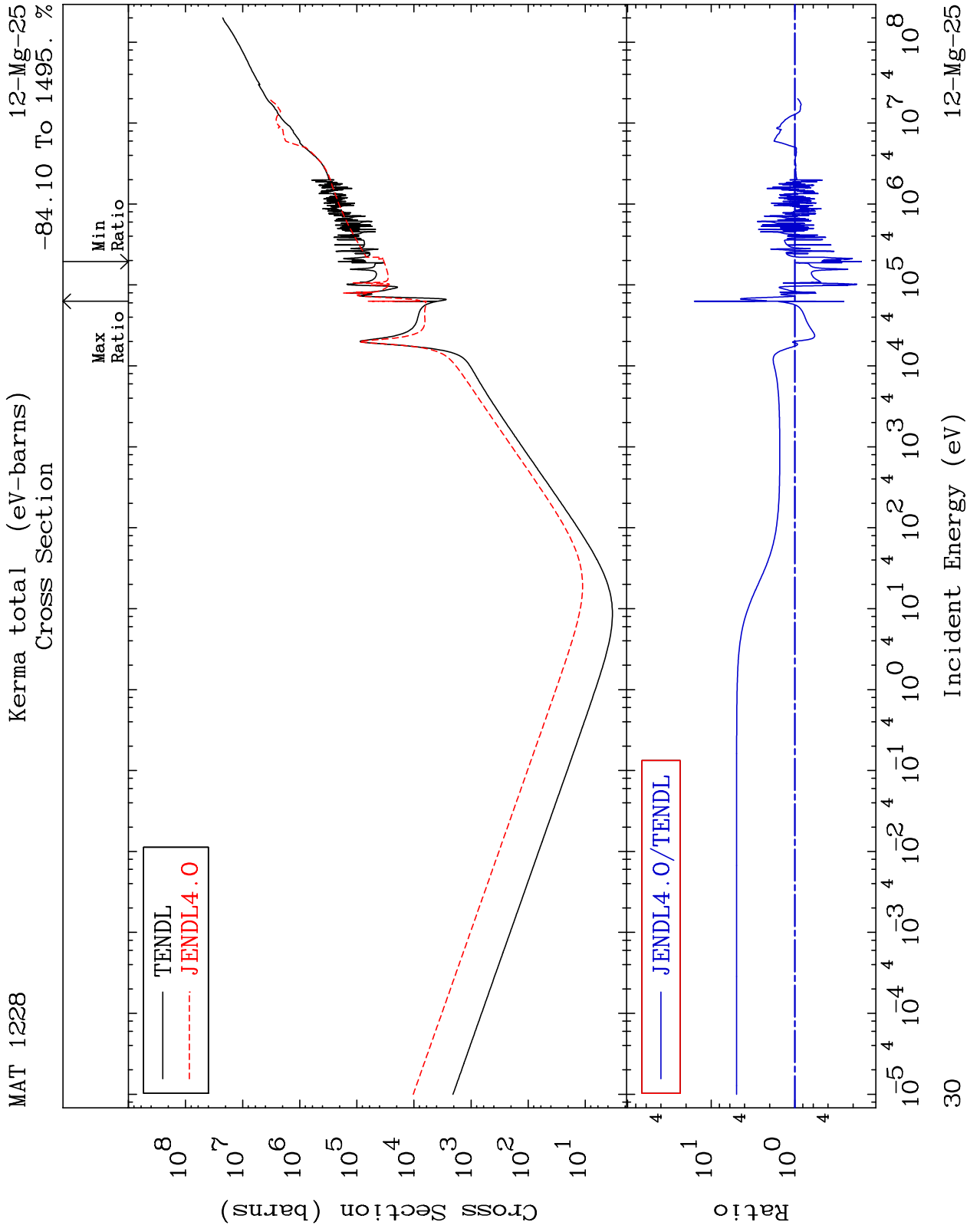


MAT 1228

He-4 Production
Cross Section

12-Mg-25
-17.55 To 1073. %

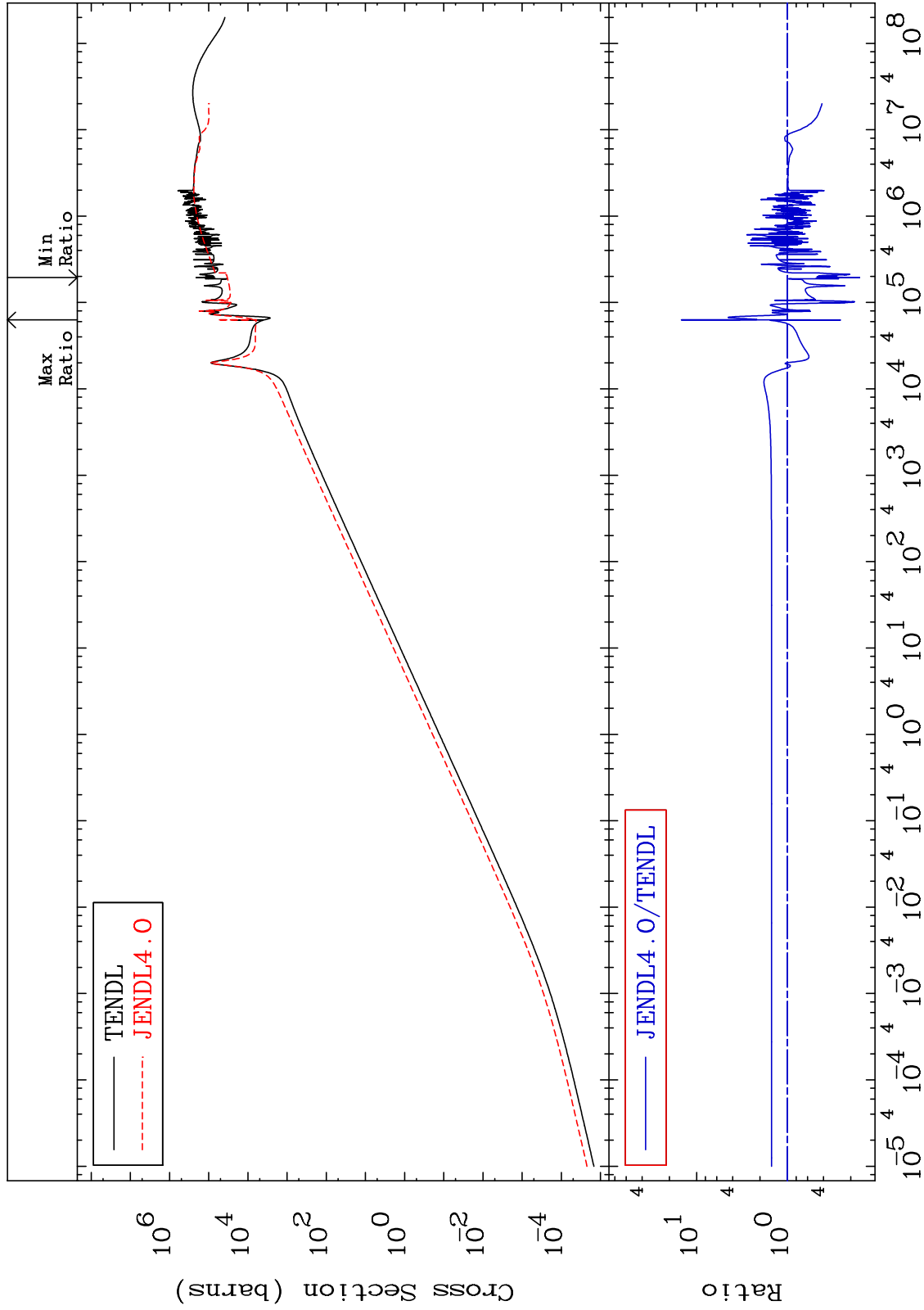




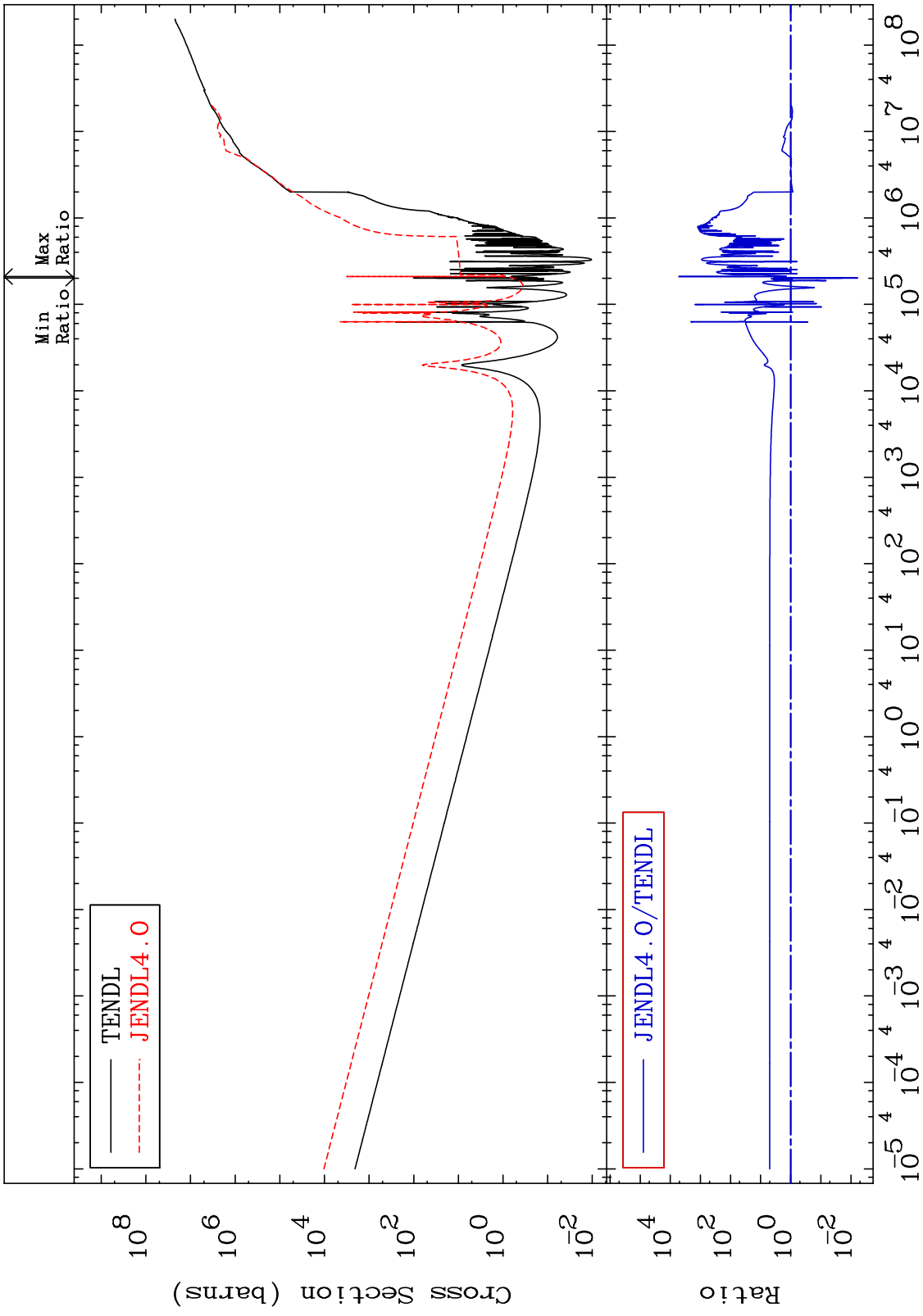
MAT 1228

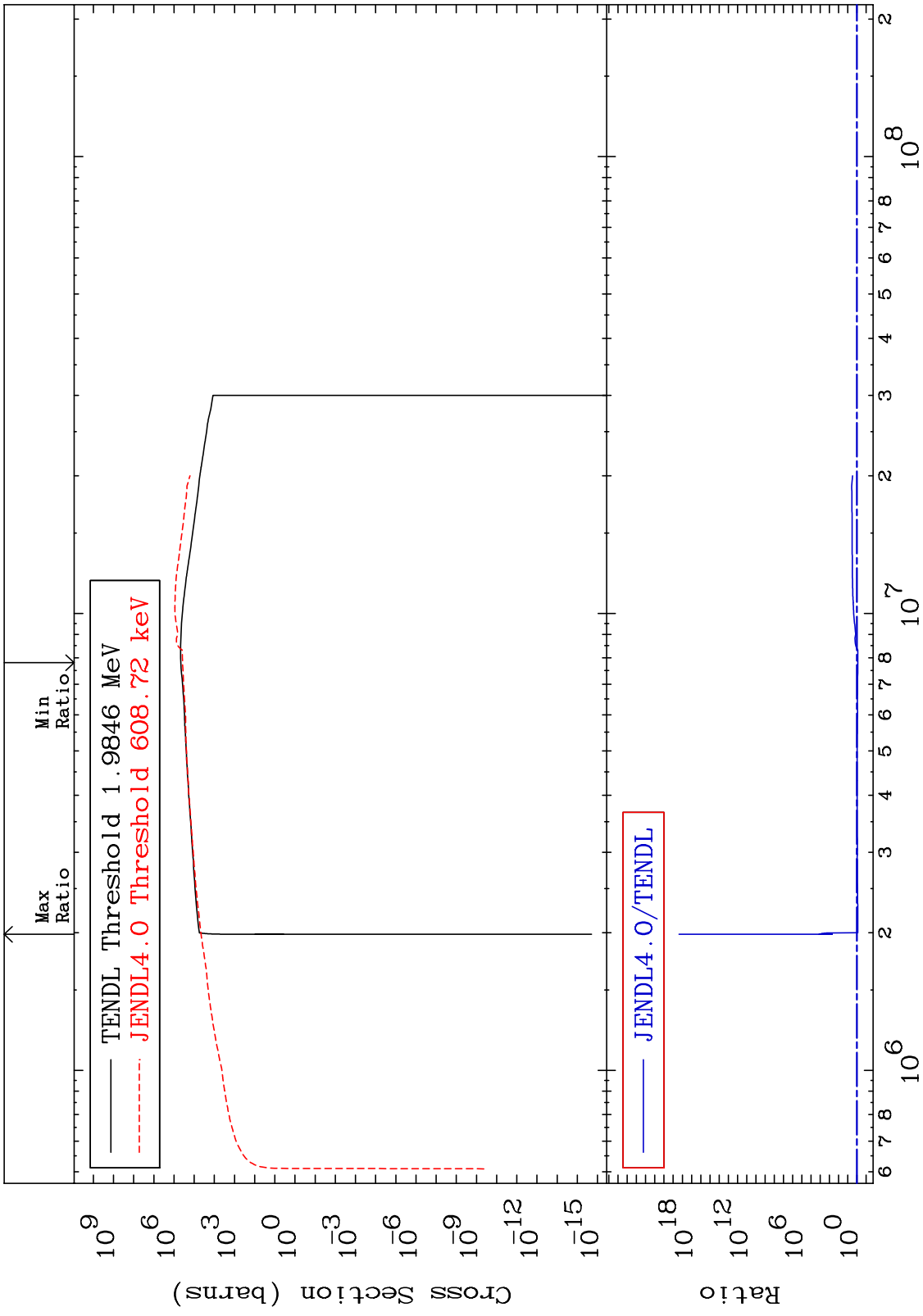
Kerma elastic
Cross Section

12-Mg-25
-84.10 To 1381. %



MAT 1228 Kerma non-elastic (all but mt2) Cross Section 12-Mg-25
 -99.41 To 9999. %

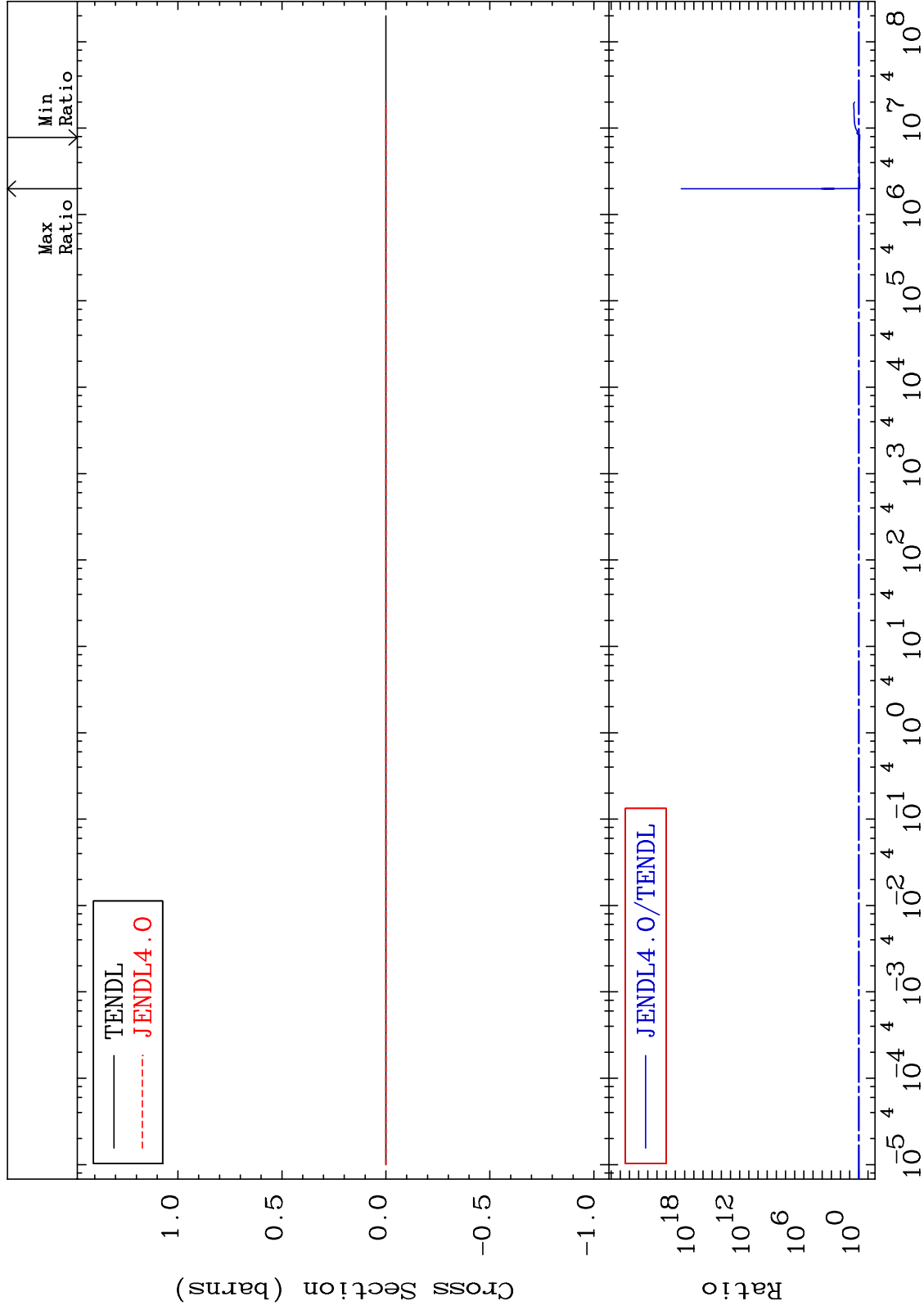




MAT 1228

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

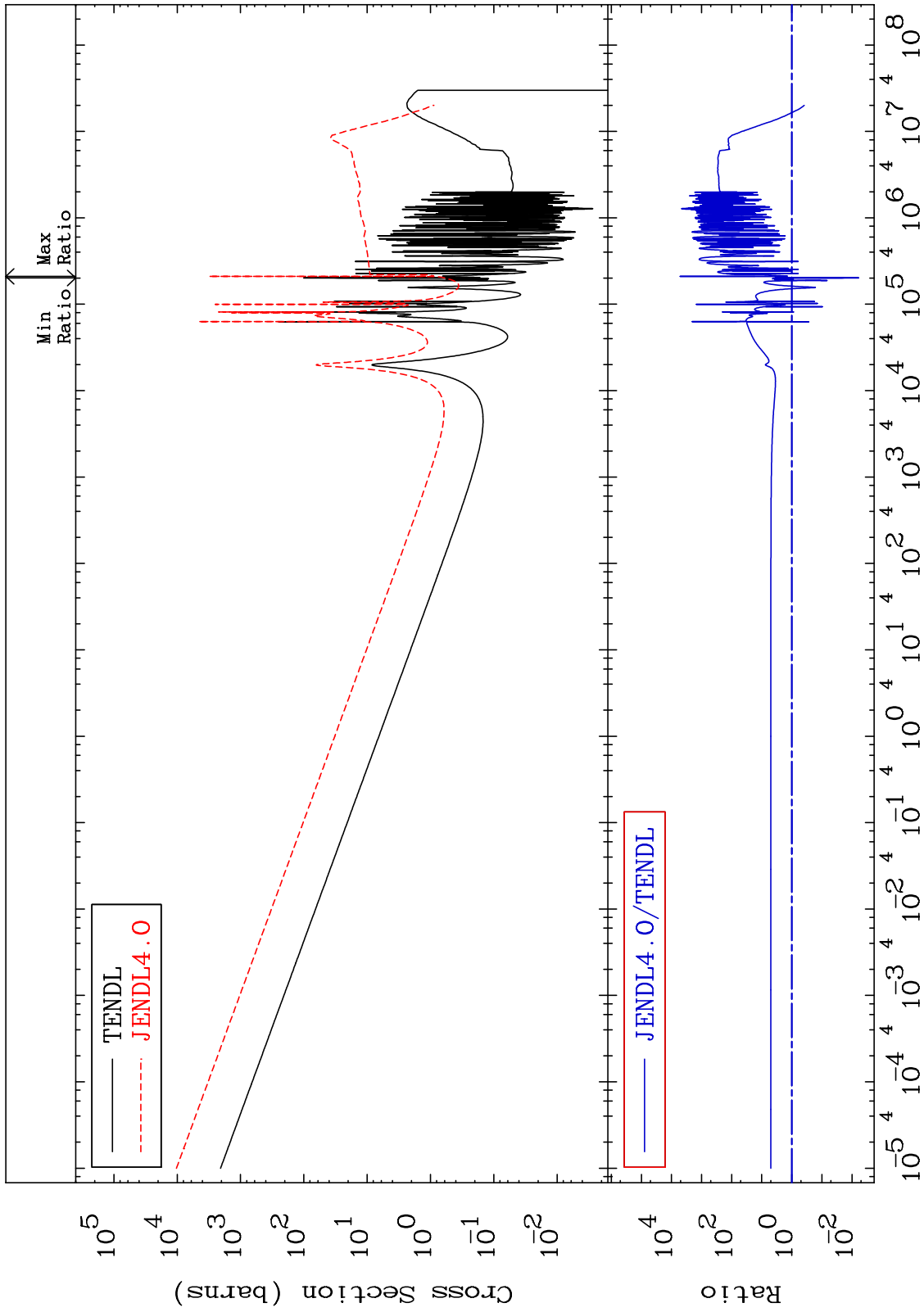
12-Mg-25
-18.64 To 9999. %

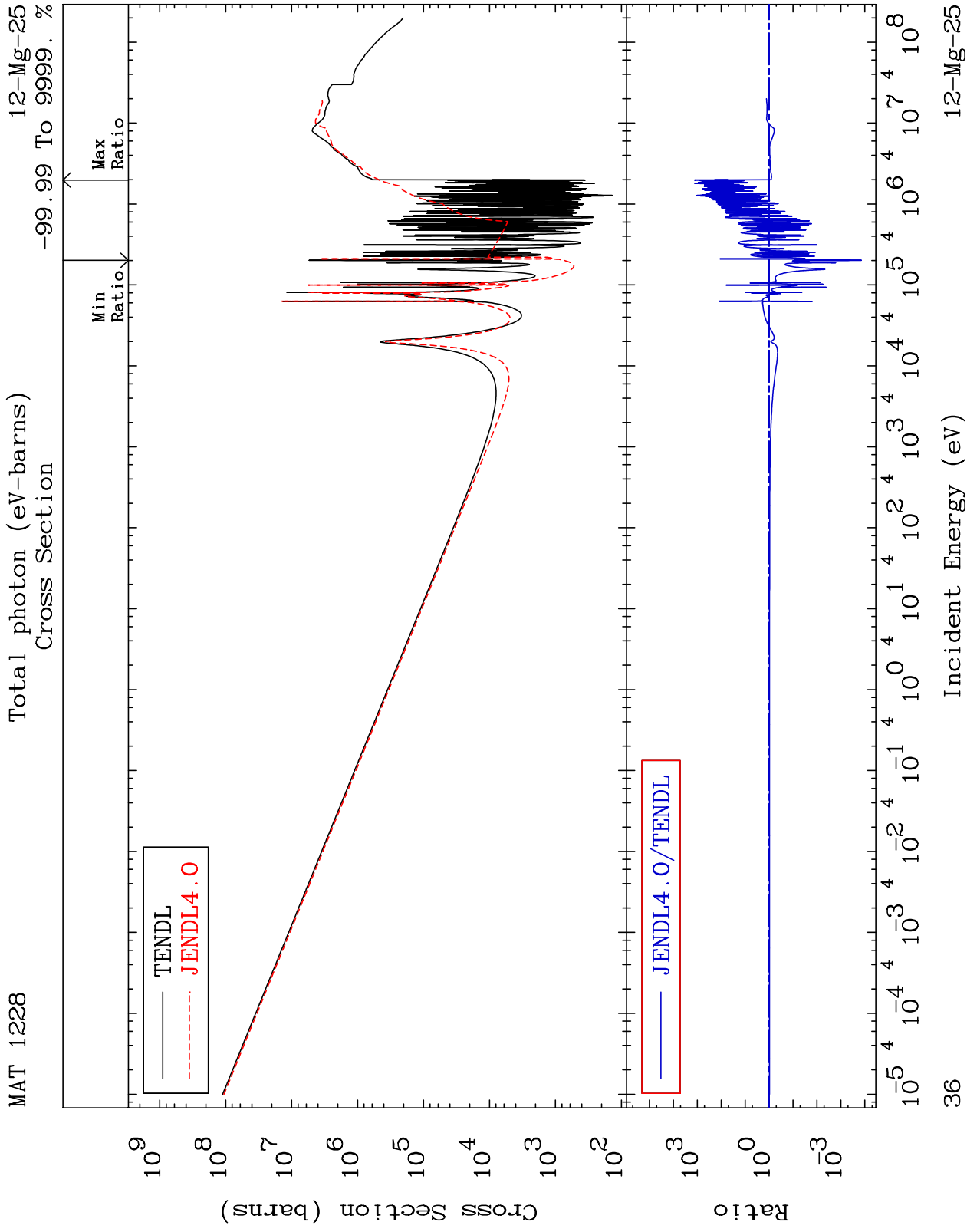


MAT 1228

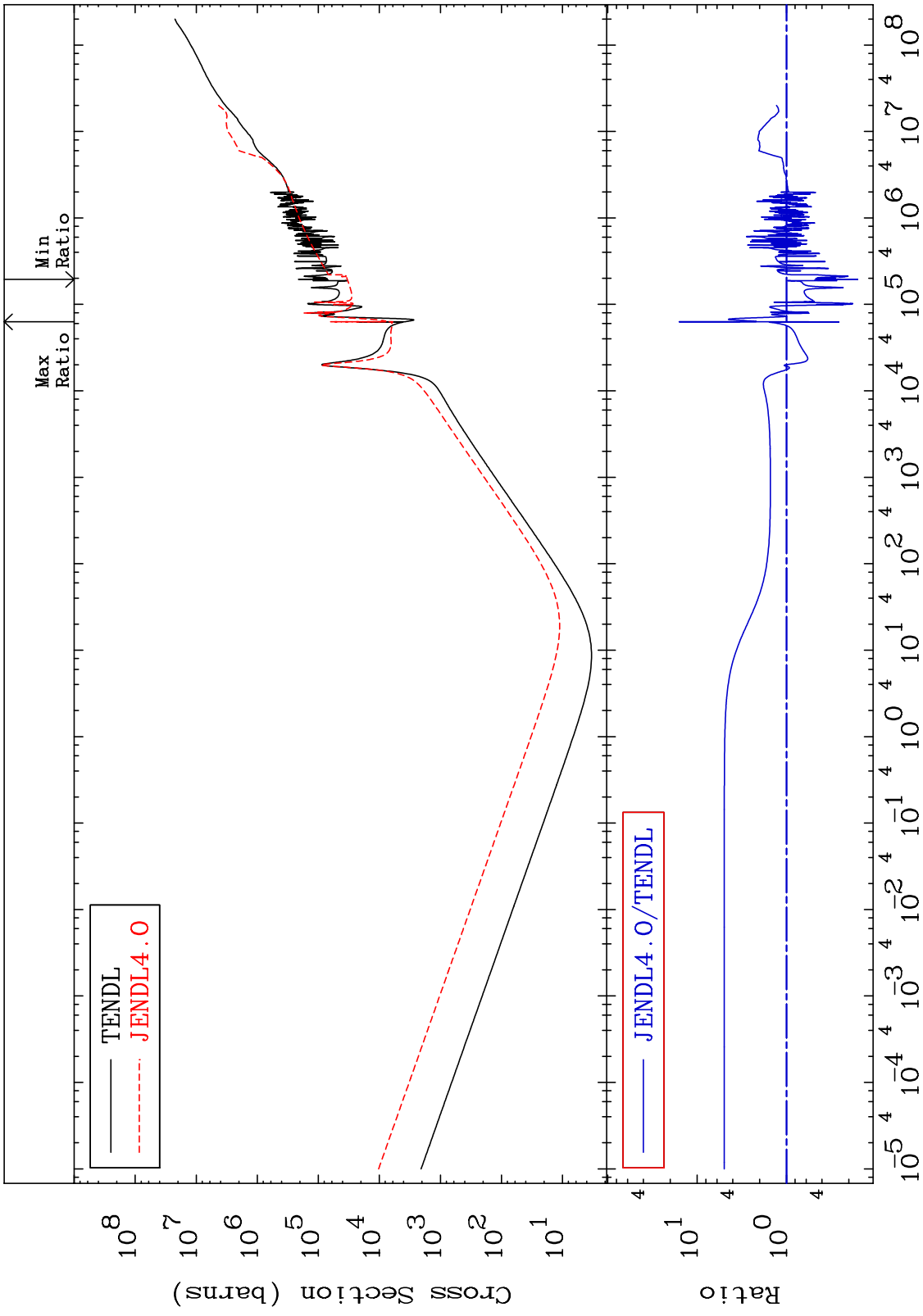
Kerma capture (mt102)
Cross Section

12-Mg-25
-99.41 To 9999. %





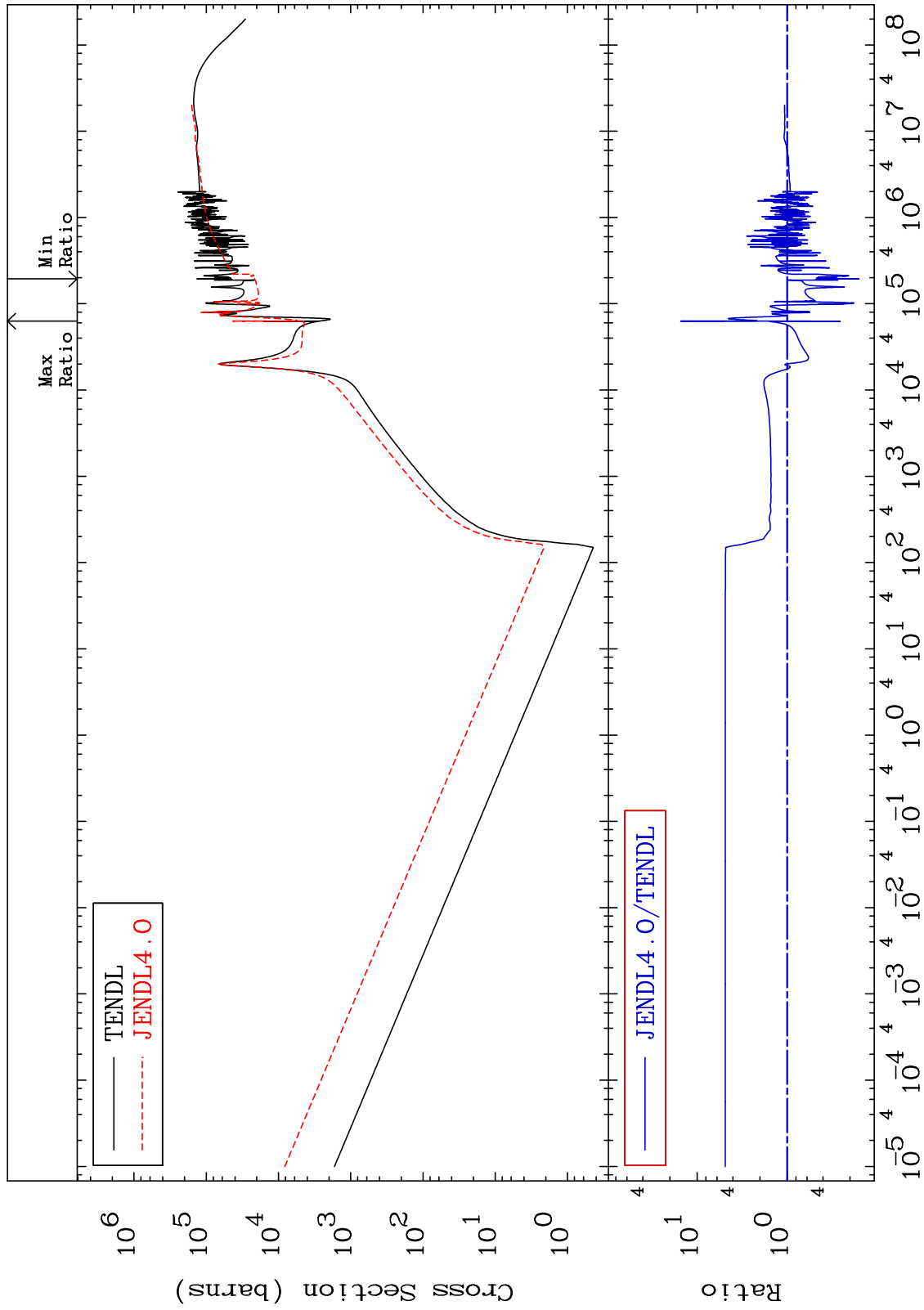
MAT 1228 Total kinematic kerma (high limit) 12-Mg-25
Cross Section -84.10 To 1495. %



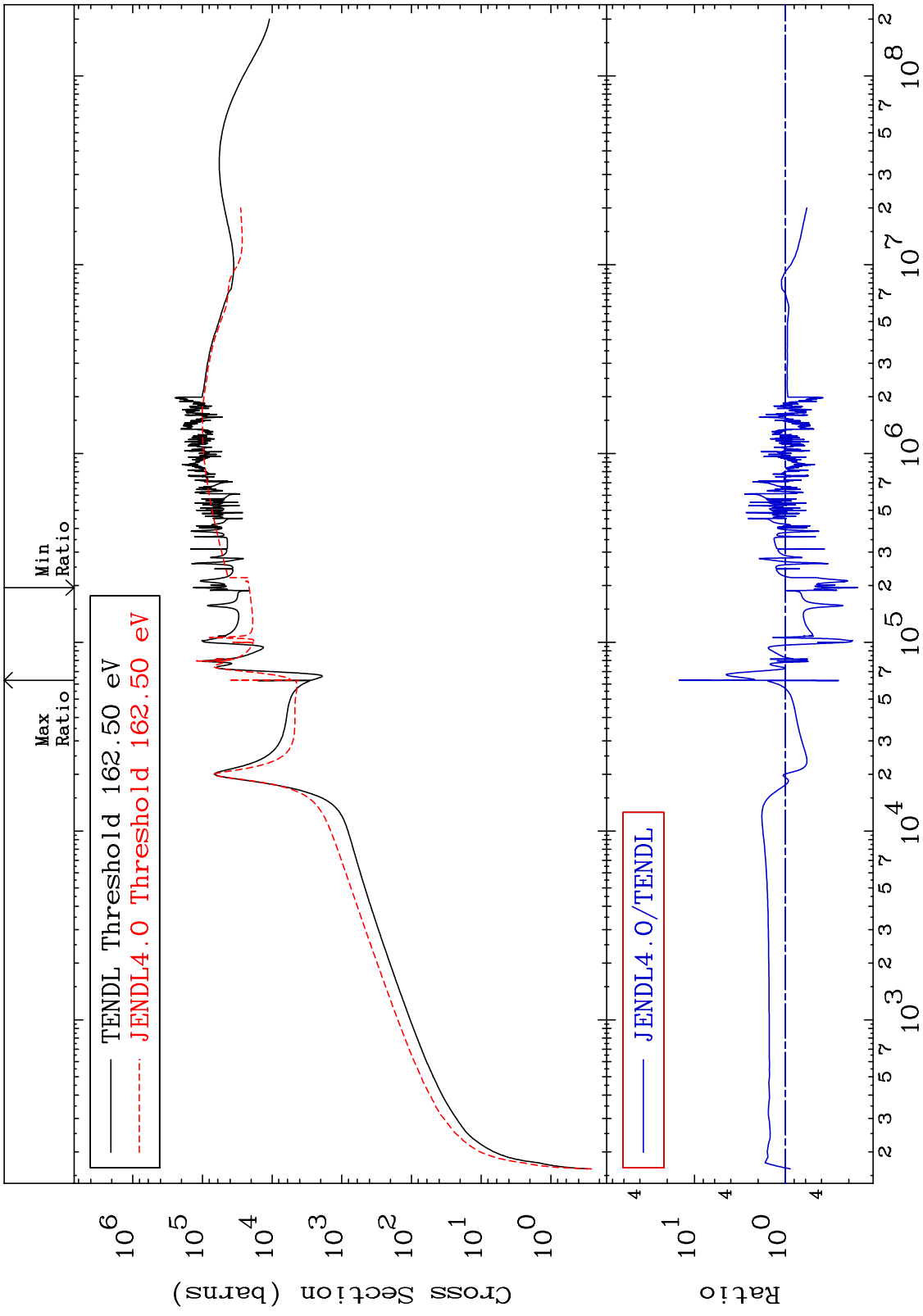
MAT 1228

Dpa total (eV-barns)
Cross Section

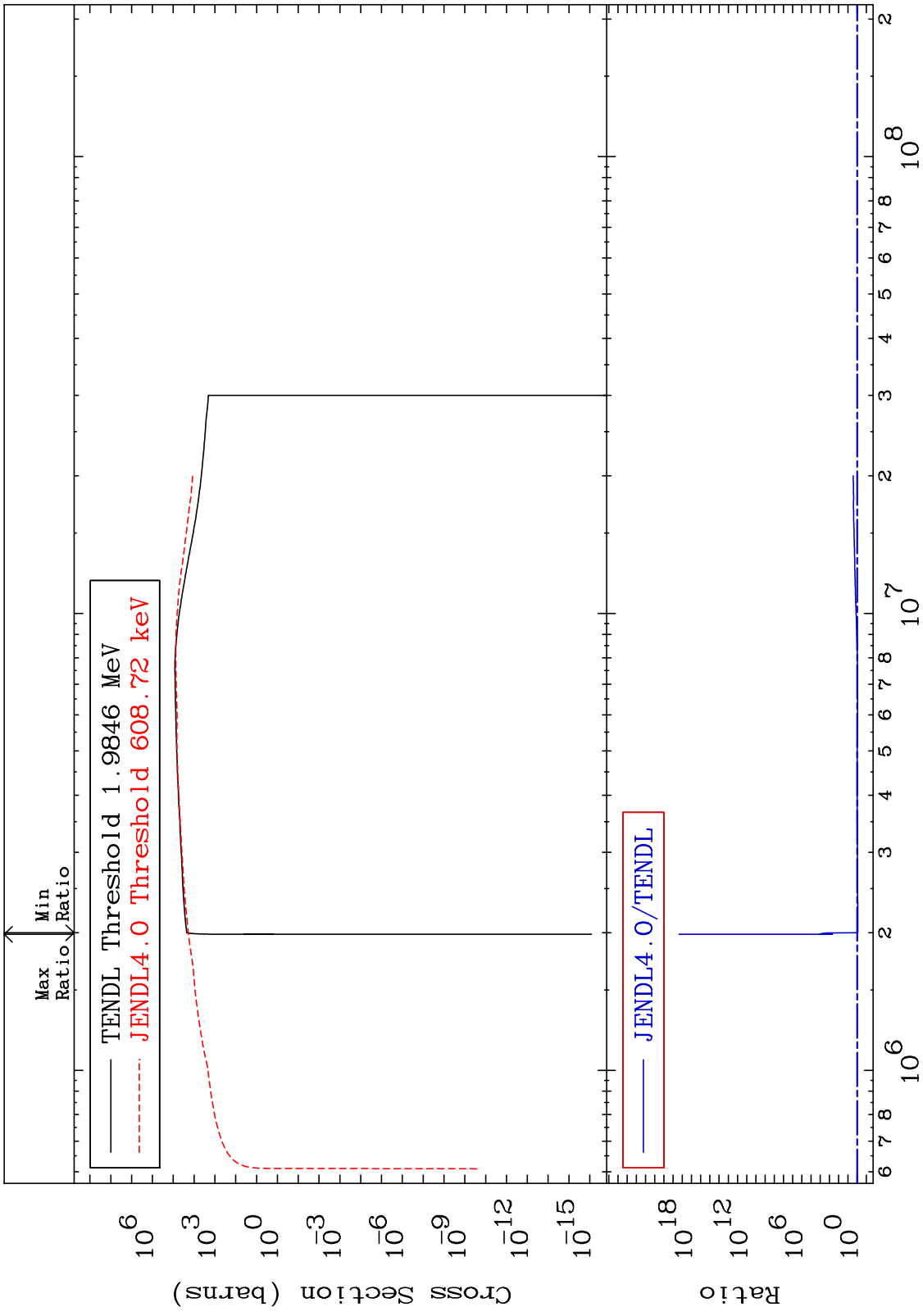
12-Mg-25
-84.09 To 1421. %



MAT 1228 Dpa elastic (mt2) 12-Mg-25
 Cross Section -84.09 To 1381. %



MAT 1228 Dpa inelastic (mt51-91) 12-Mg-25
 Cross Section -17.75 To 9999. %



MAT 1228 Dpa disappearance (mt102 -120) 12-Mg-25
 Cross Section -99.92 To 9999. %

