

Program Complot
(Version 2018-1)

by

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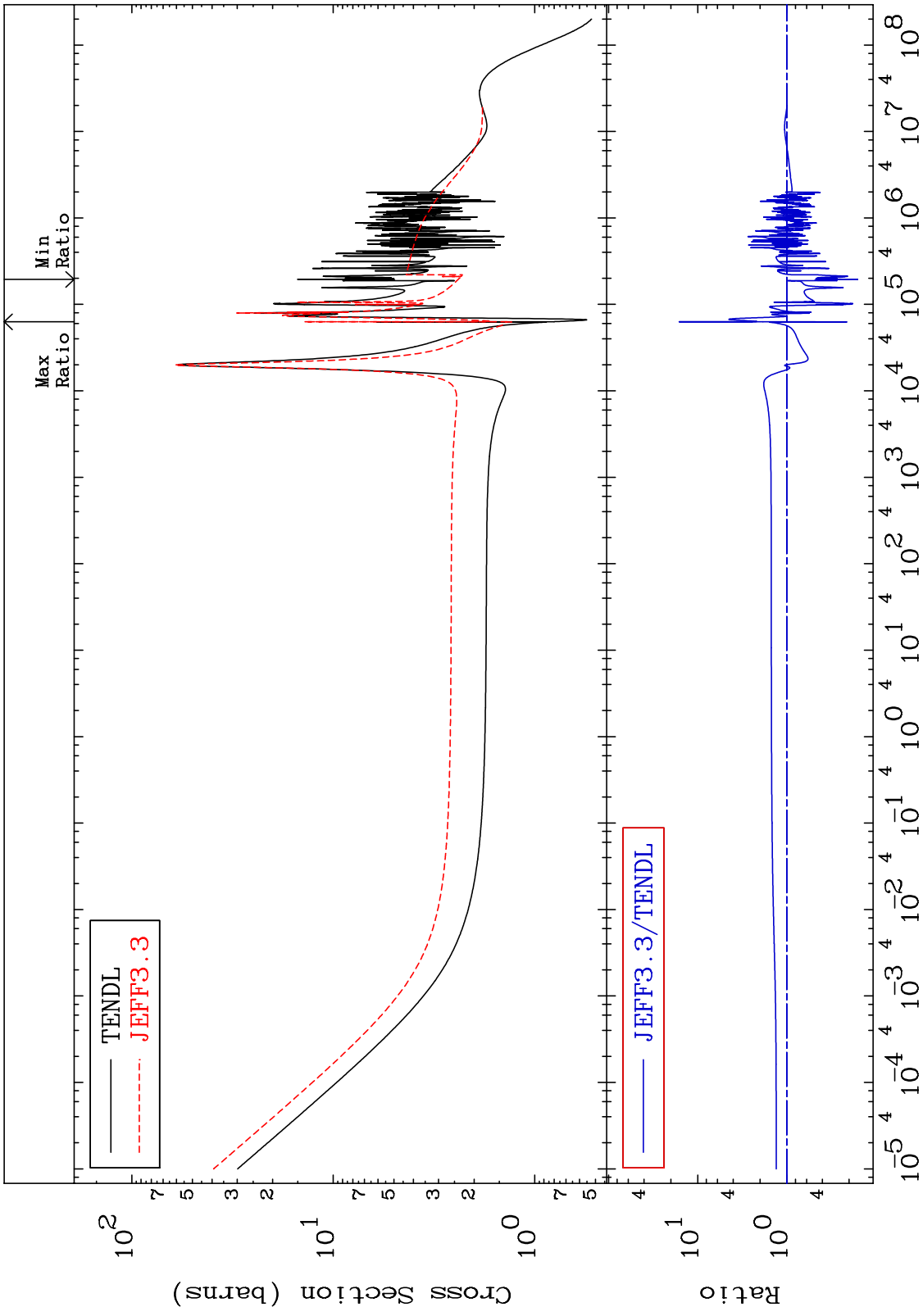
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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

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

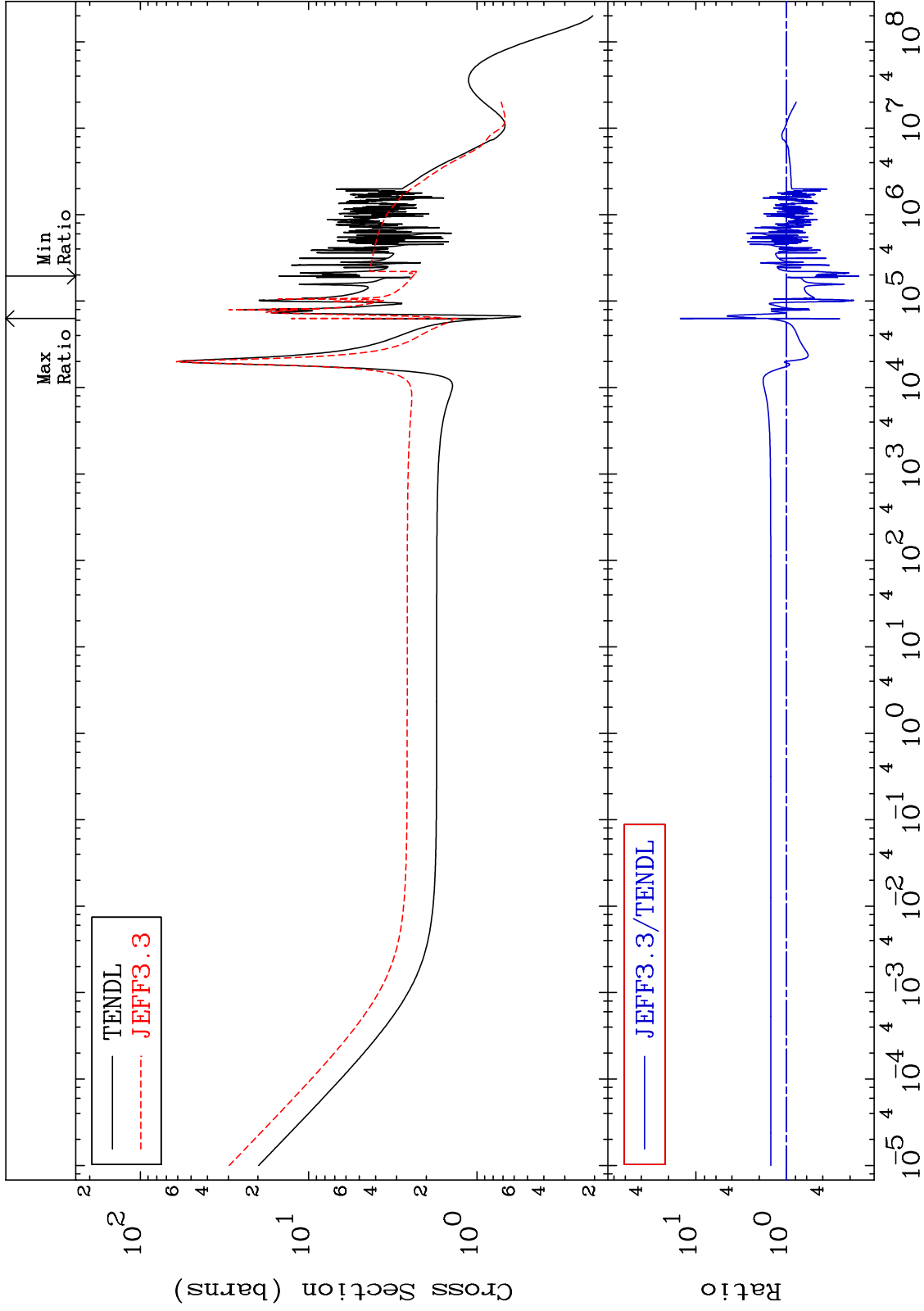


1 Incident Energy (eV) 12-Mg-25

MAT 1228

Elastic
Cross Section

12-Mg-25
-84.03 To 1388. %



2

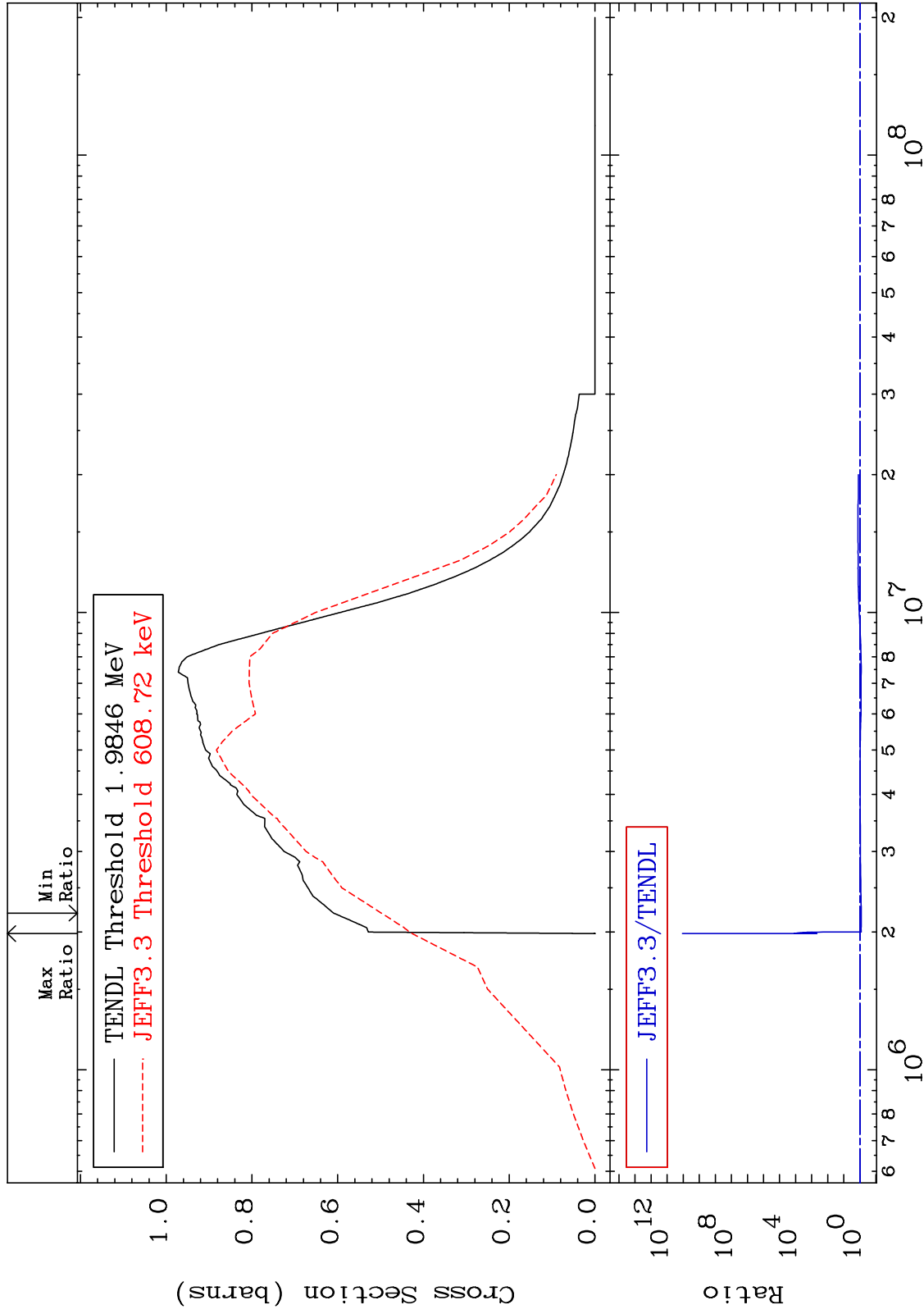
Incident Energy (eV)

12-Mg-25

MAT 1228

Inelastic
Cross Section

12-Mg-25
-18.31 To 9999. %

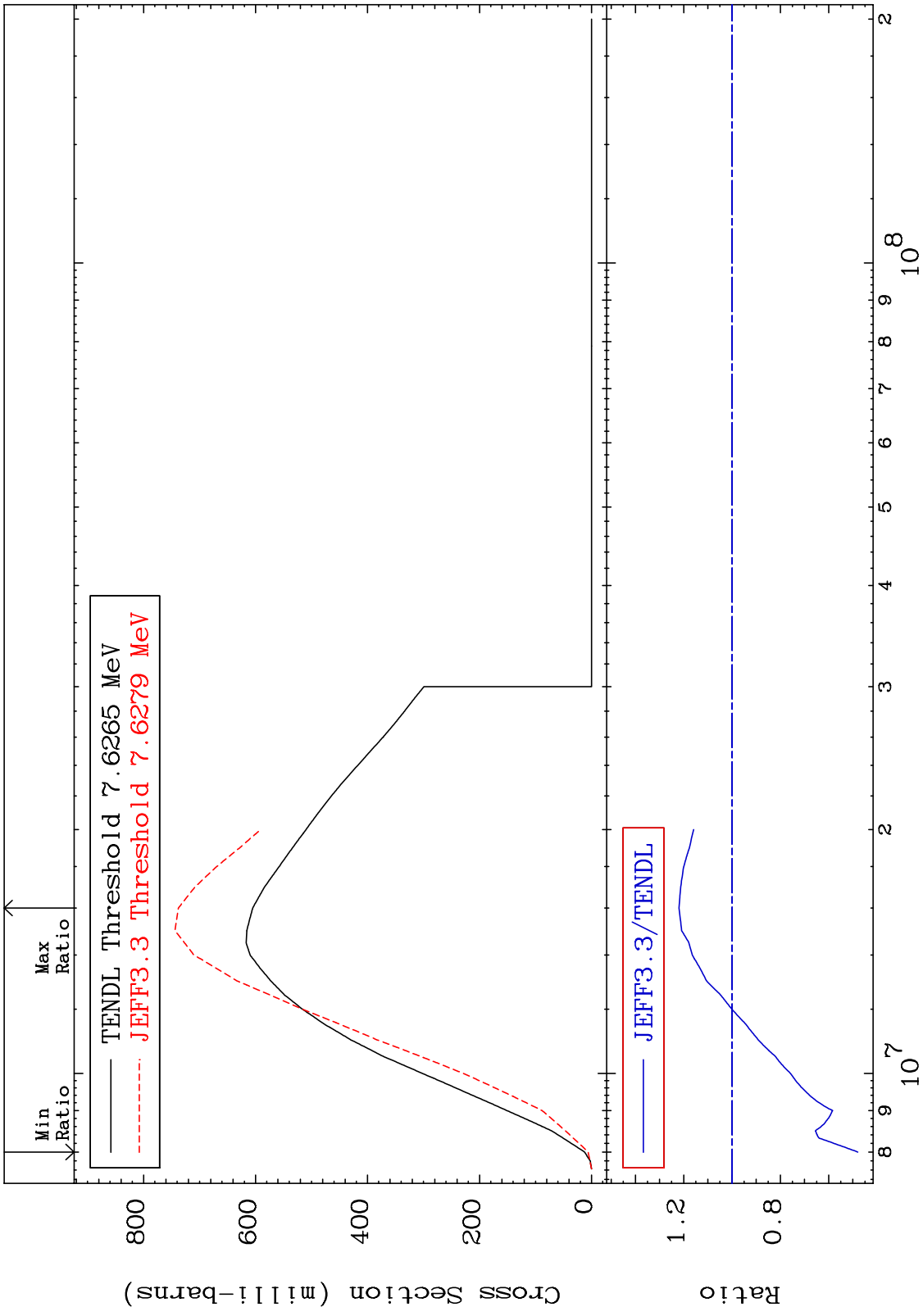


3

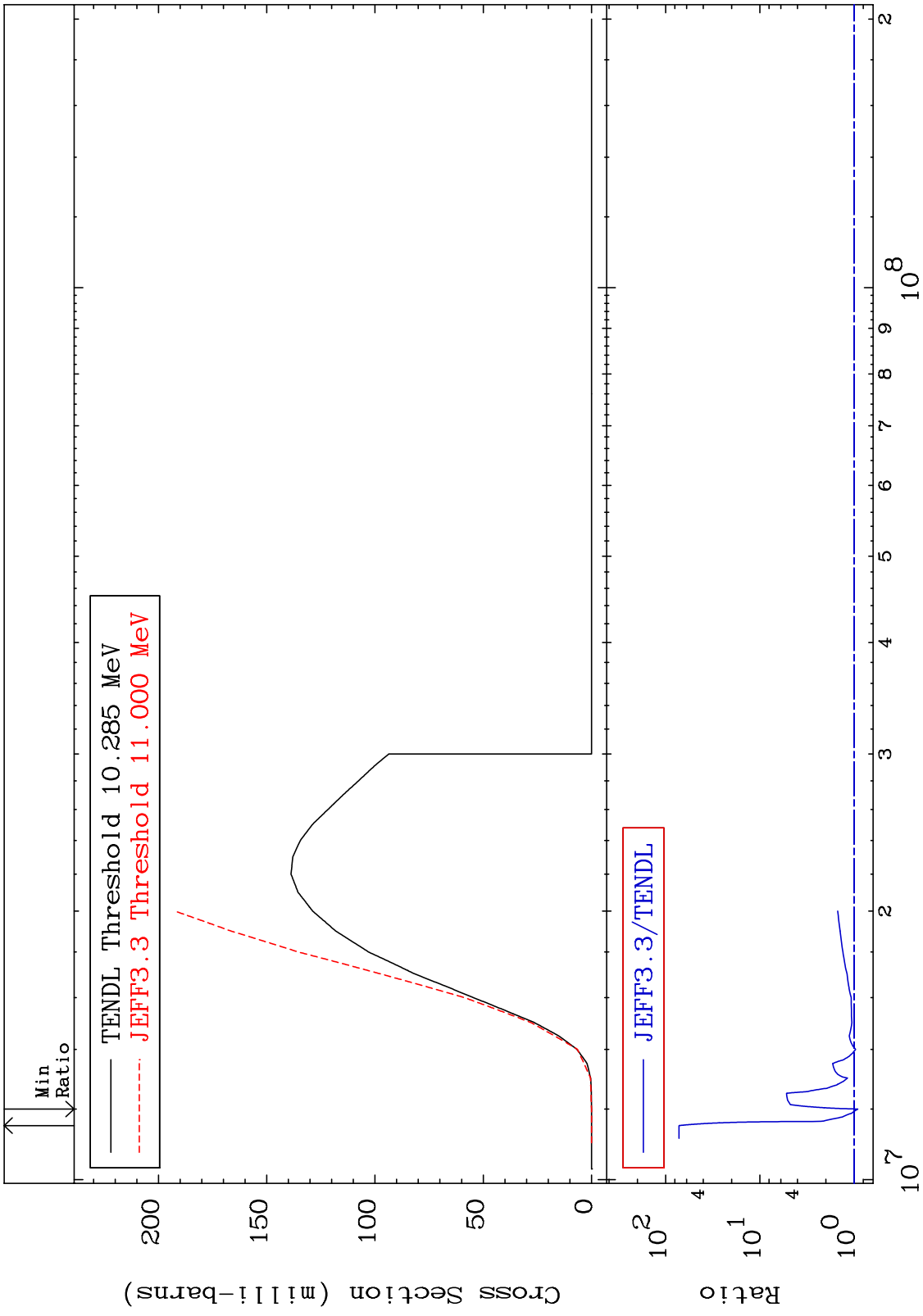
Incident Energy (eV)

12-Mg-25

MAT 1228 $(n,2n)$ Cross Section $^{12}\text{Mg-25}$ -52.07 To 21.92 %

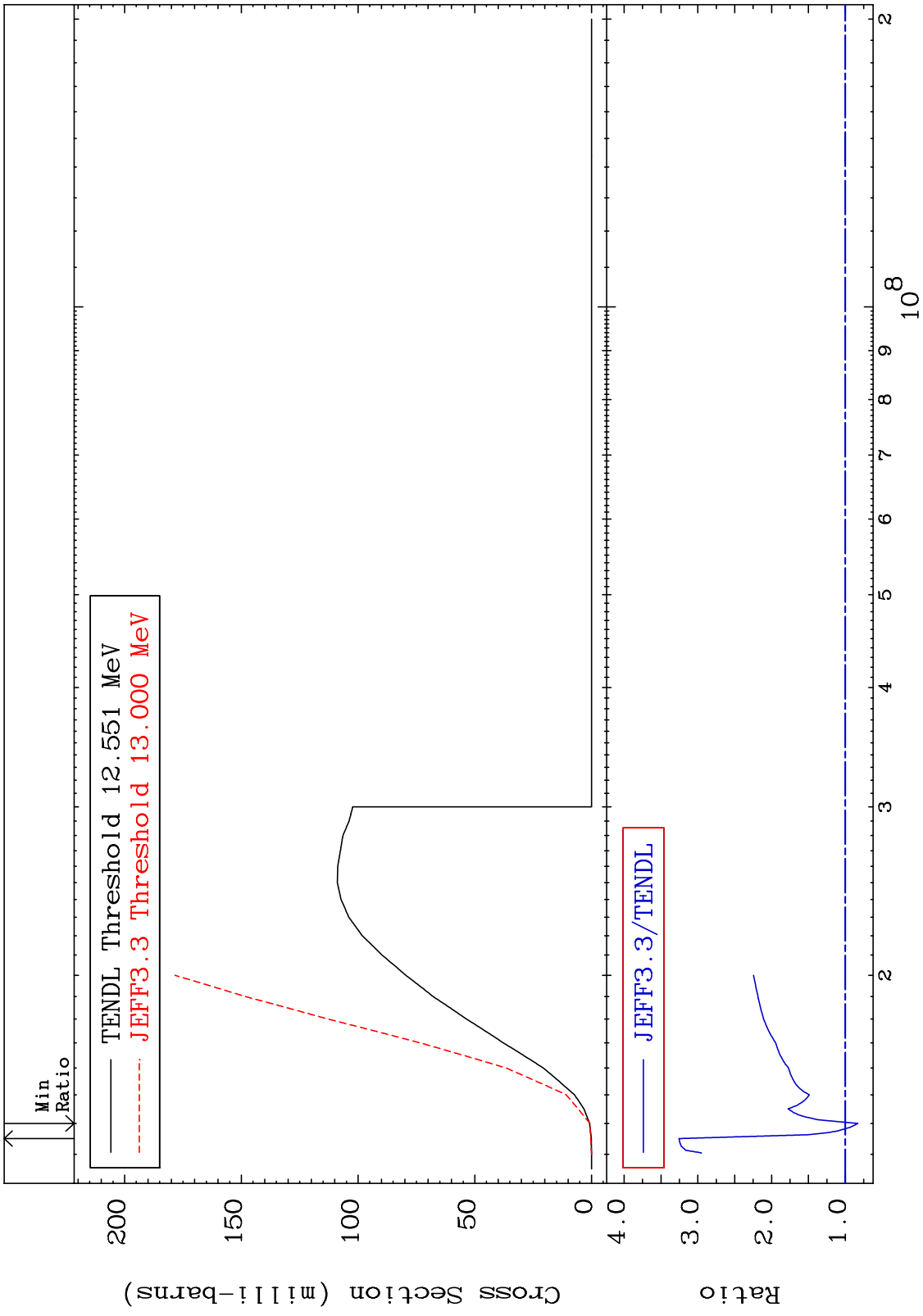


MAT 1228 $(n, n') \alpha$ 12-Mg-25
Cross Section -8.643 To 7122. %

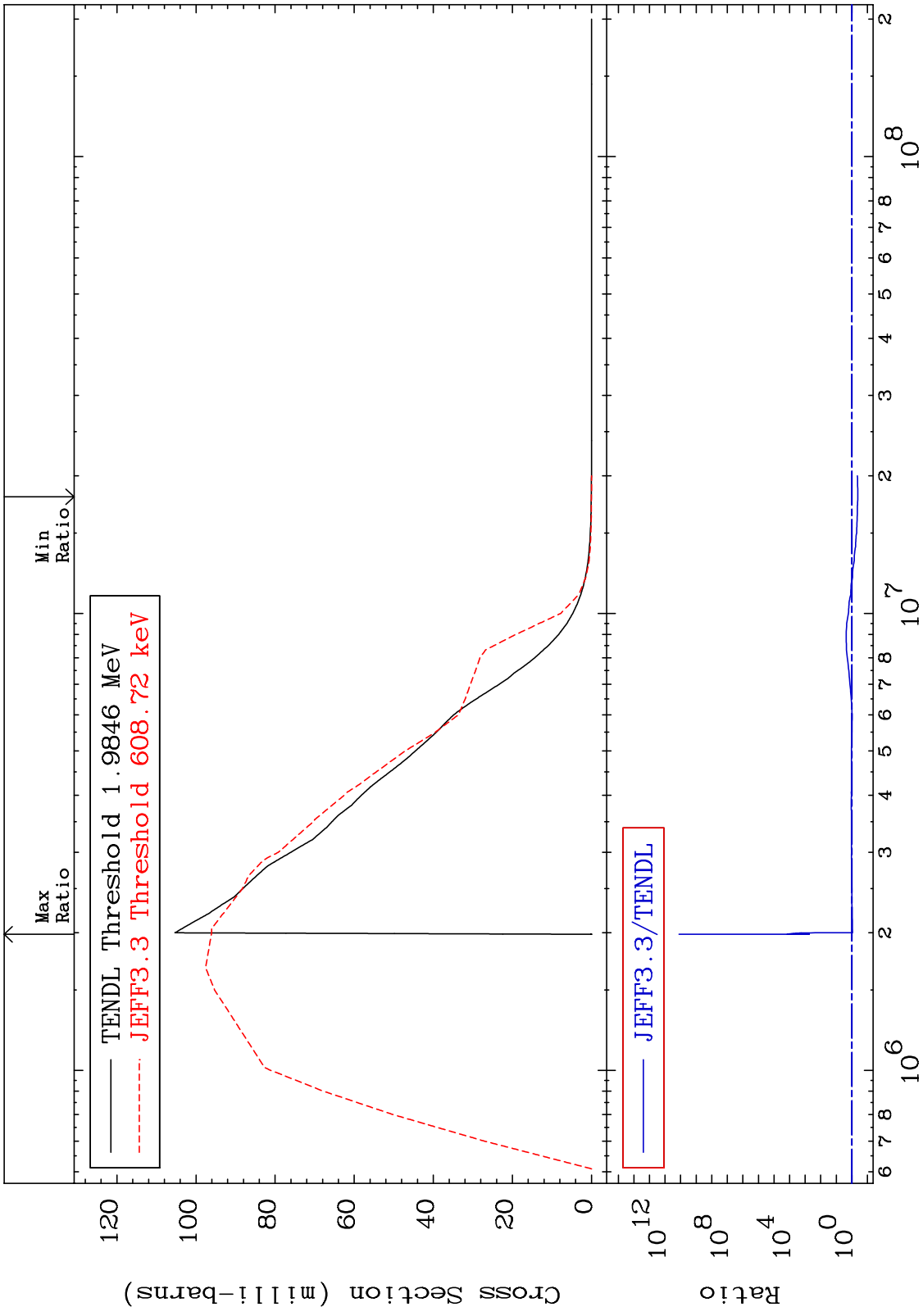


12-Mg-25 Incident Energy (eV)

MAT 1228 (n, n') p 12-Mg-25
 Cross Section -16.92 To 225.5 %

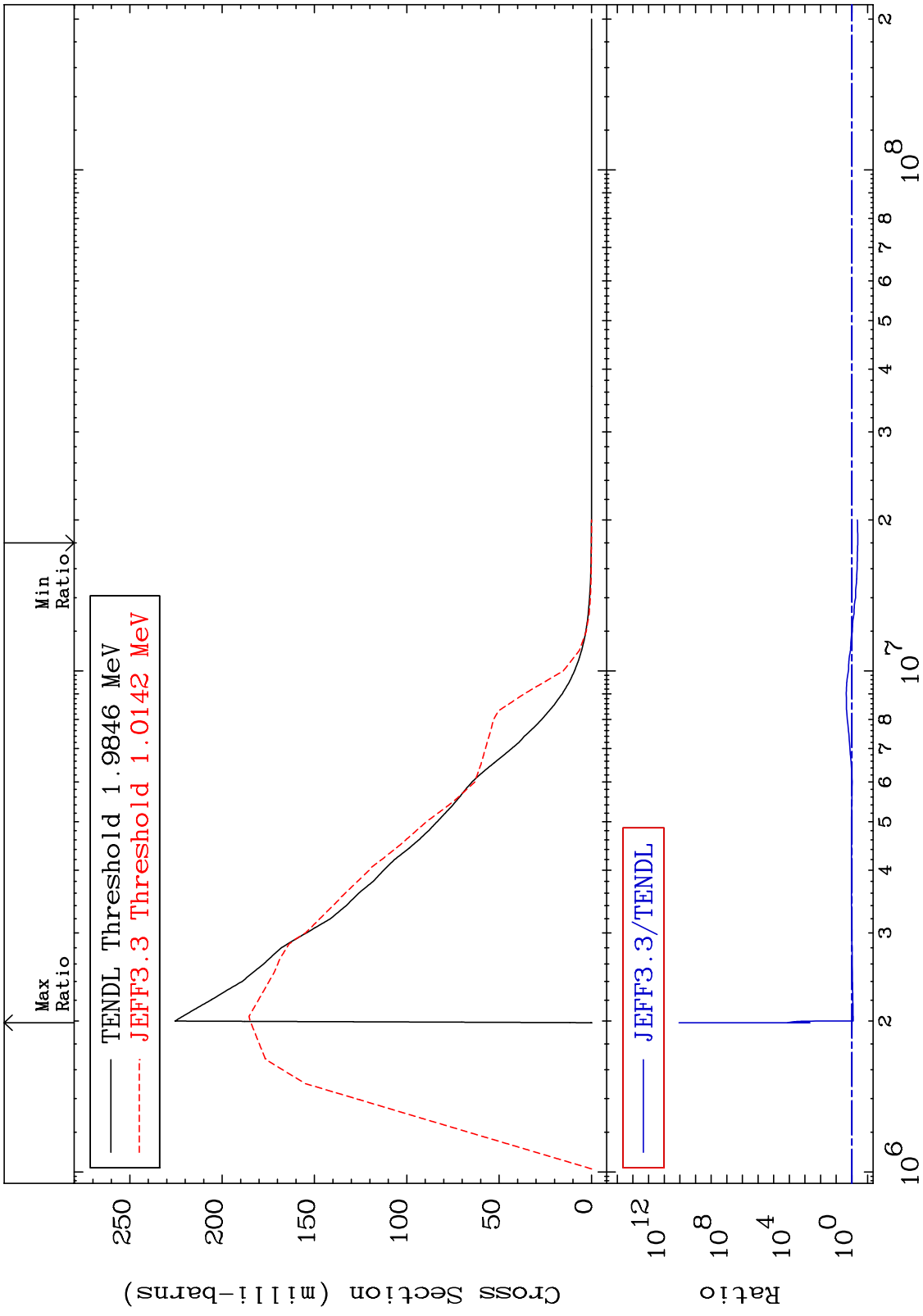


MAT 1228 MT= 51 (n,n') Level Cross Section -58.81 To 9999. % 12-Mg-25



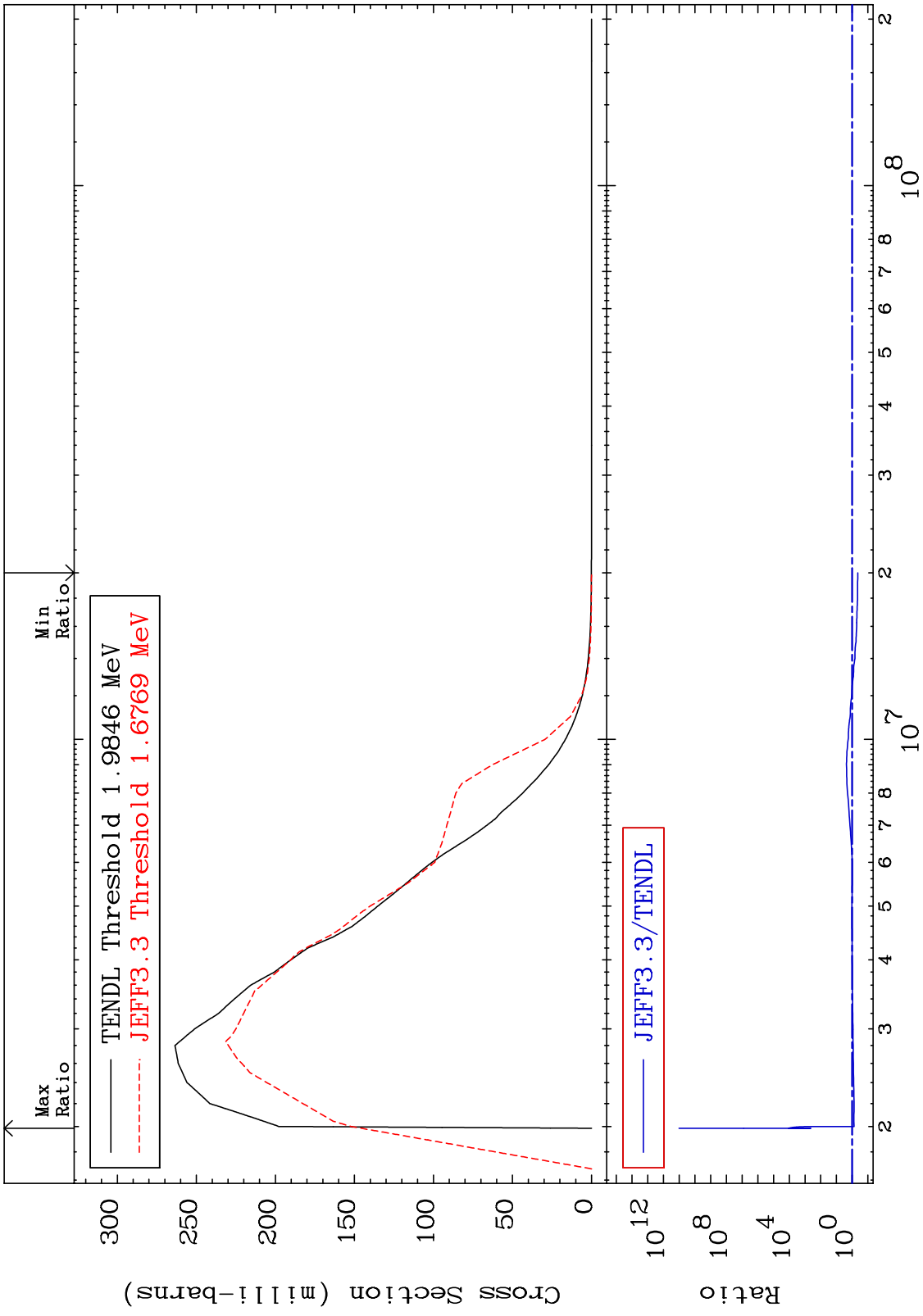
7 12-Mg-25

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

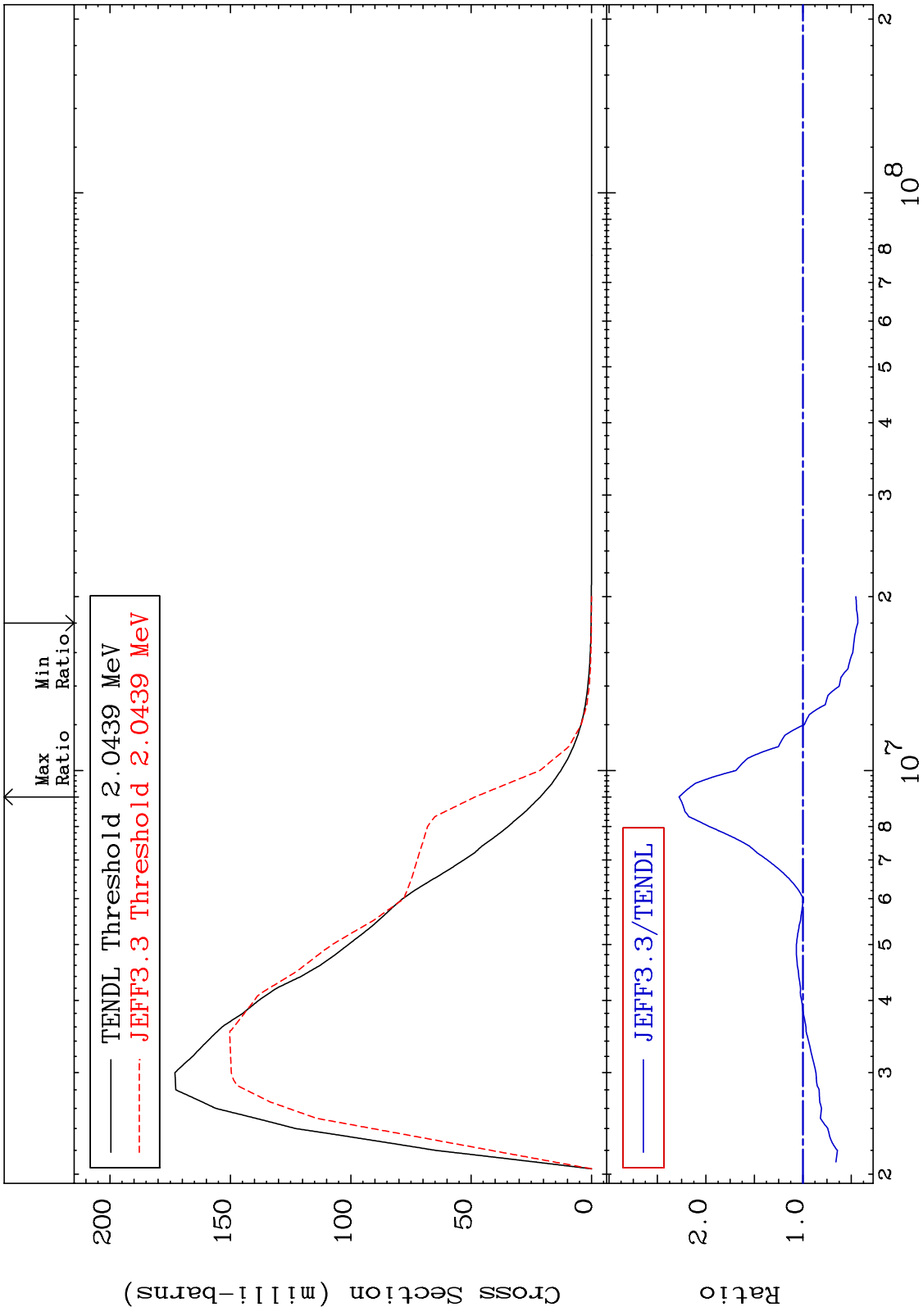


Incident Energy (eV) 12-Mg-25

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

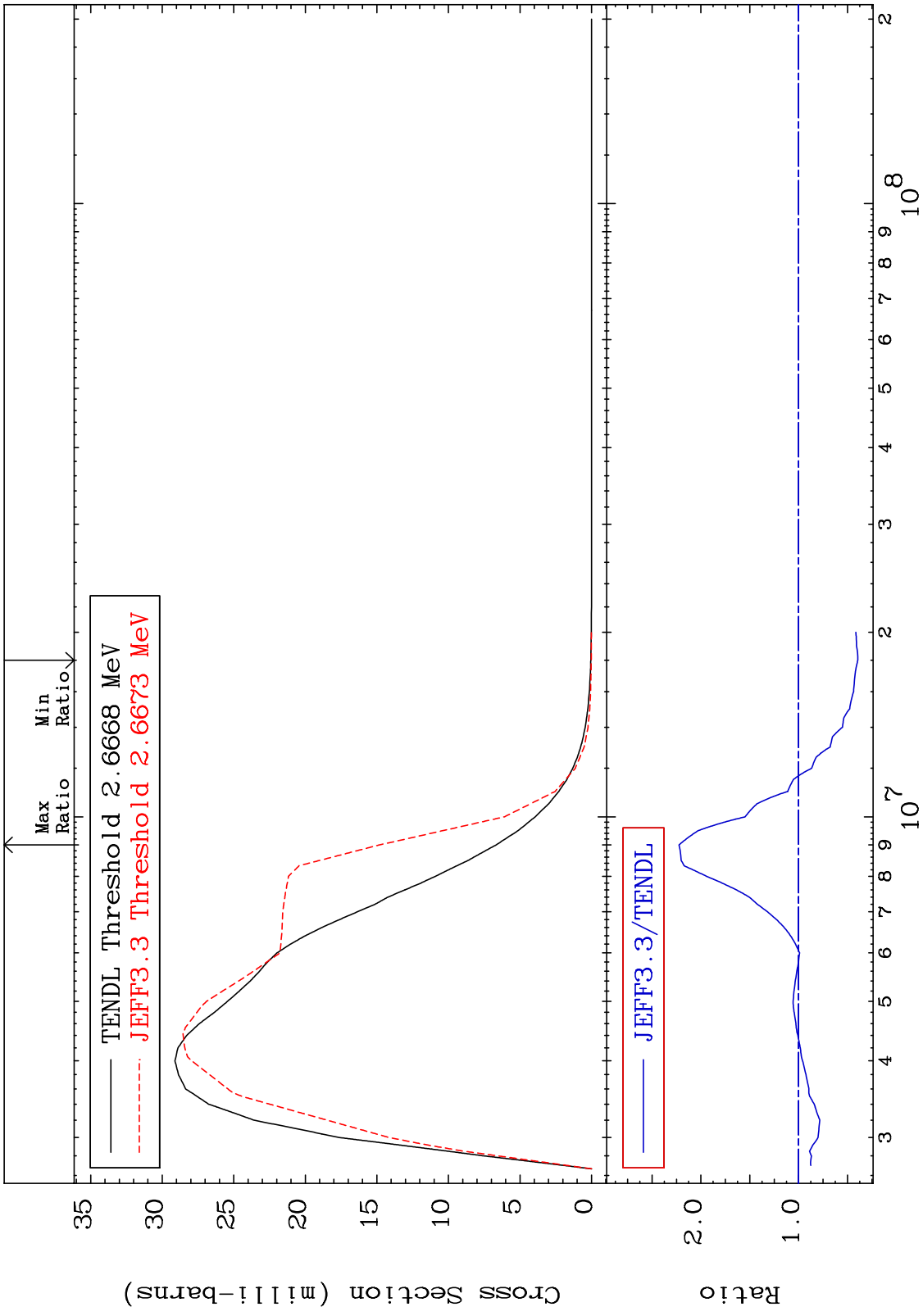


MAT 1228 MT= 54 (n,n') Level Cross Section -56.75 To 127.7 % 12-Mg-25

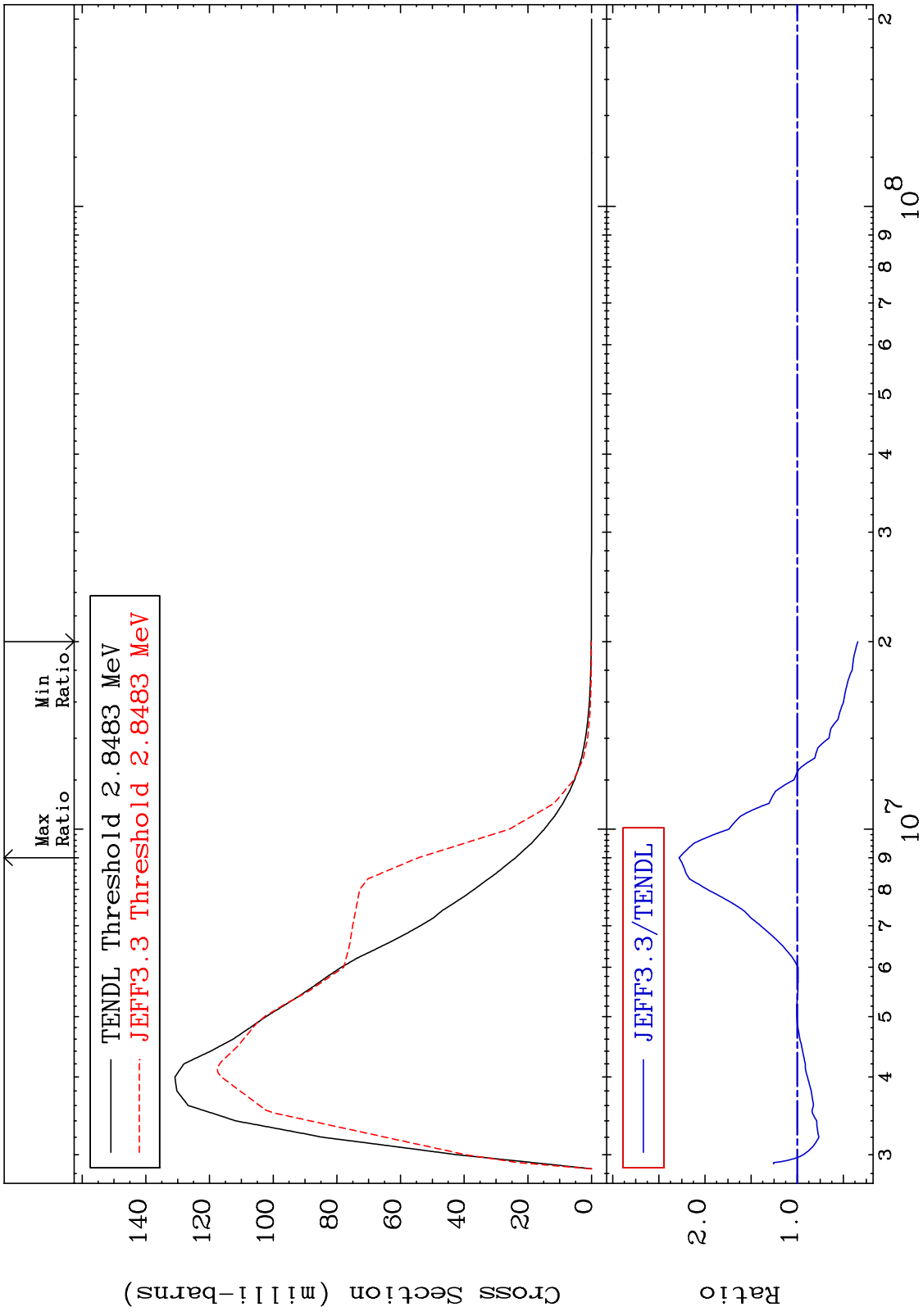


10 Incident Energy (eV) 12-Mg-25

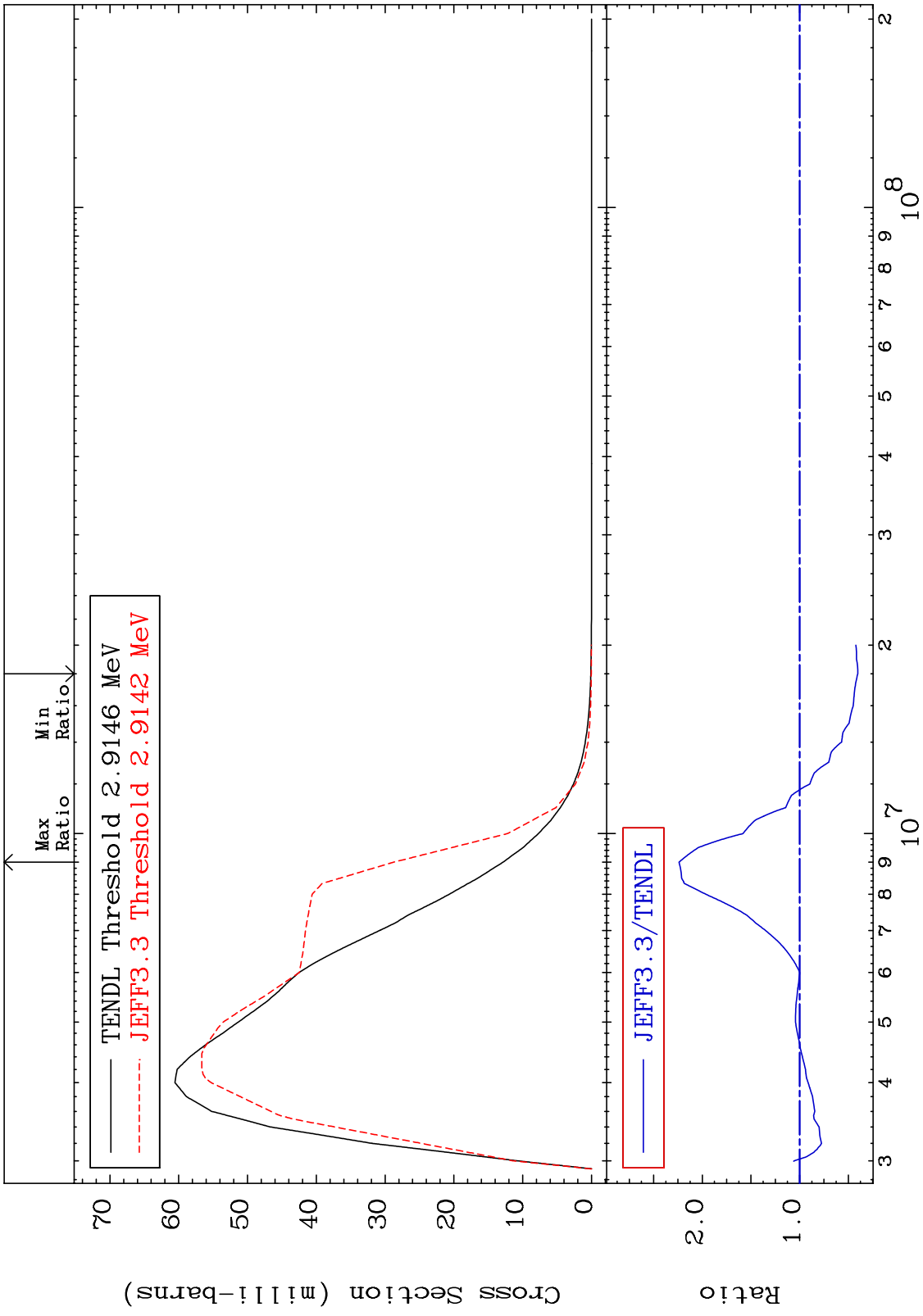
MAT 1228 MT= 55 (n,n') Level Cross Section -60.57 To 122.4 % 12-Mg-25



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

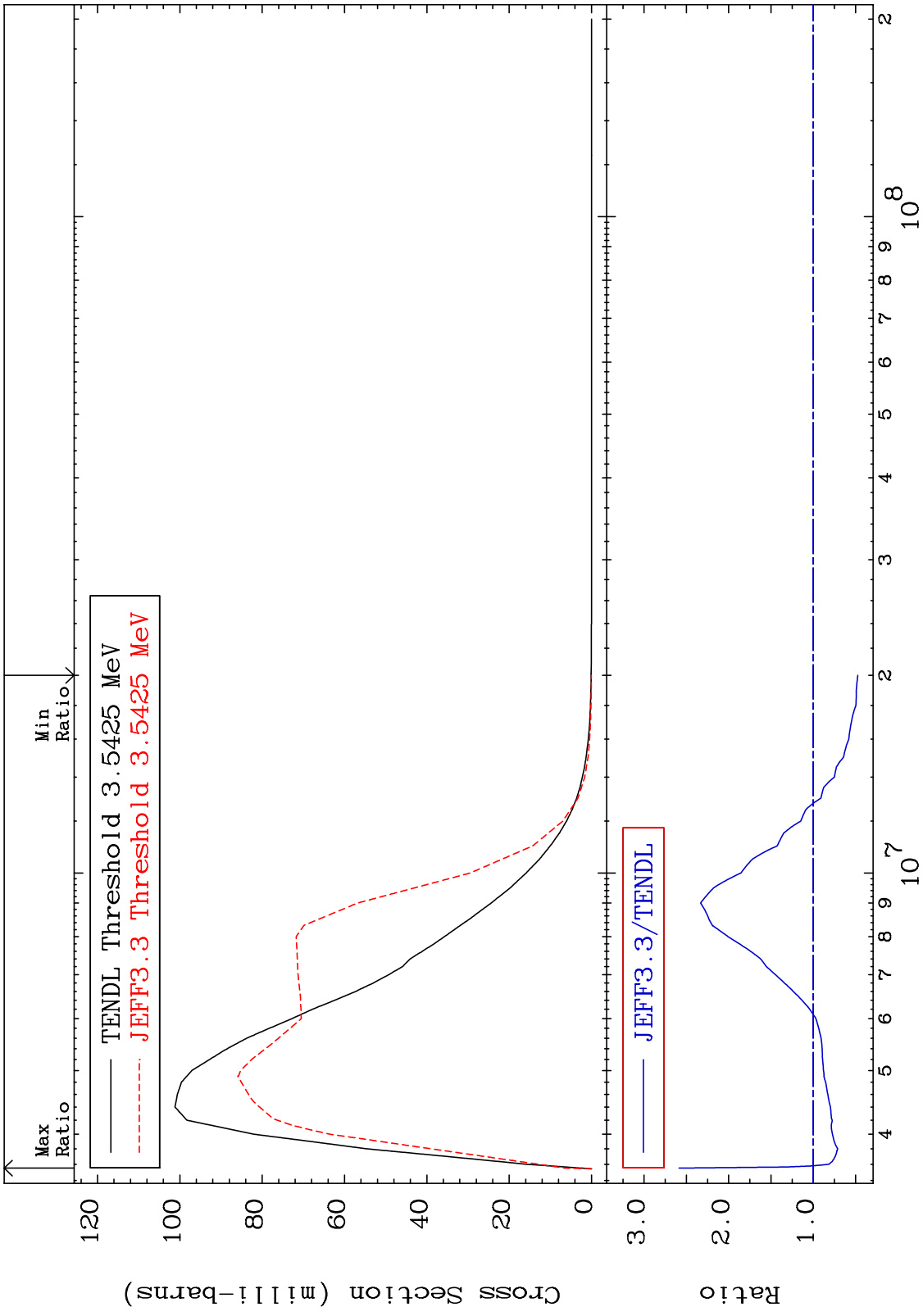


MAT 1228 MT= 57 (n,n') Level Cross Section 12-Mg-25
 -59.82 To 123.9 %

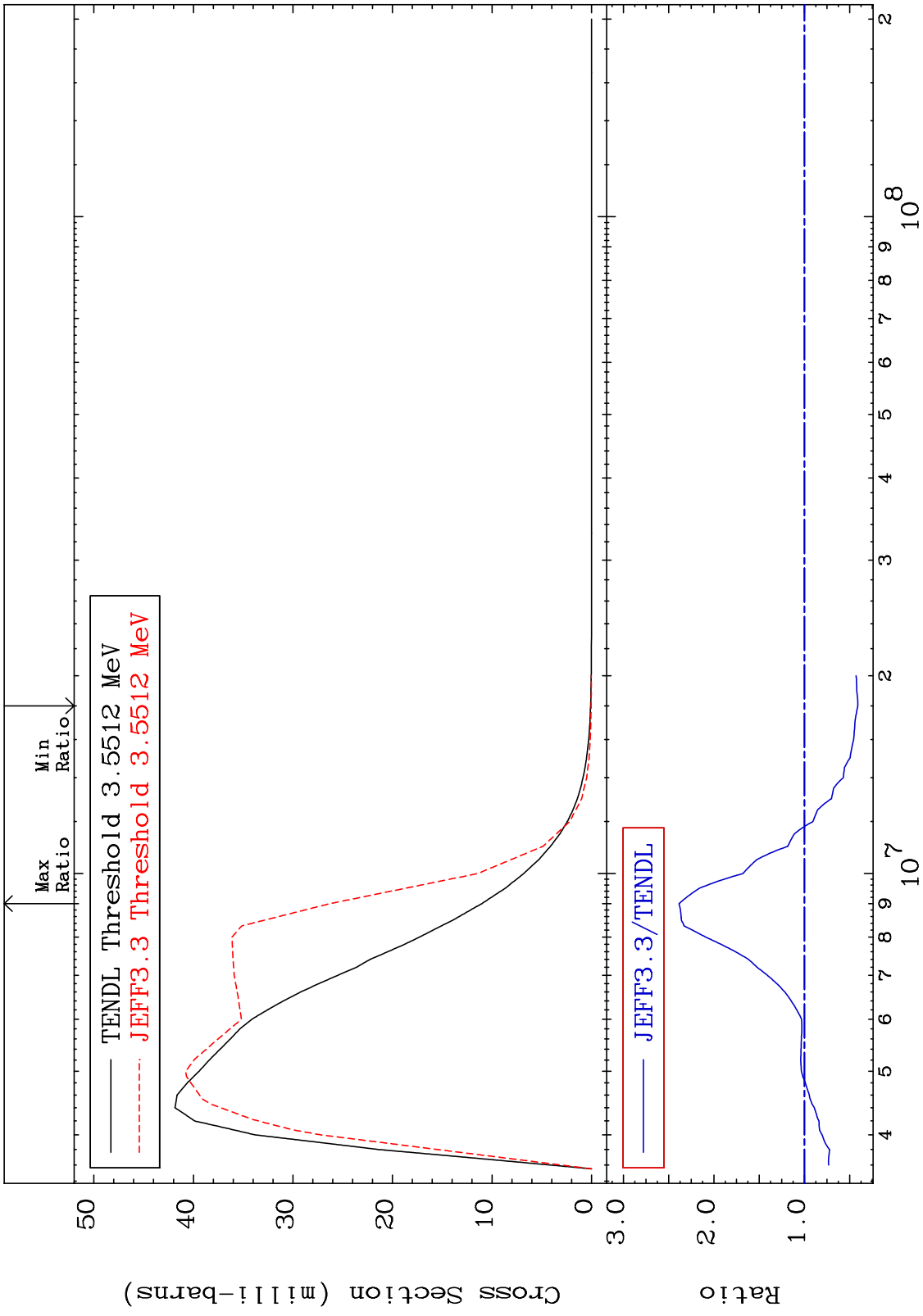


13 12-Mg-25

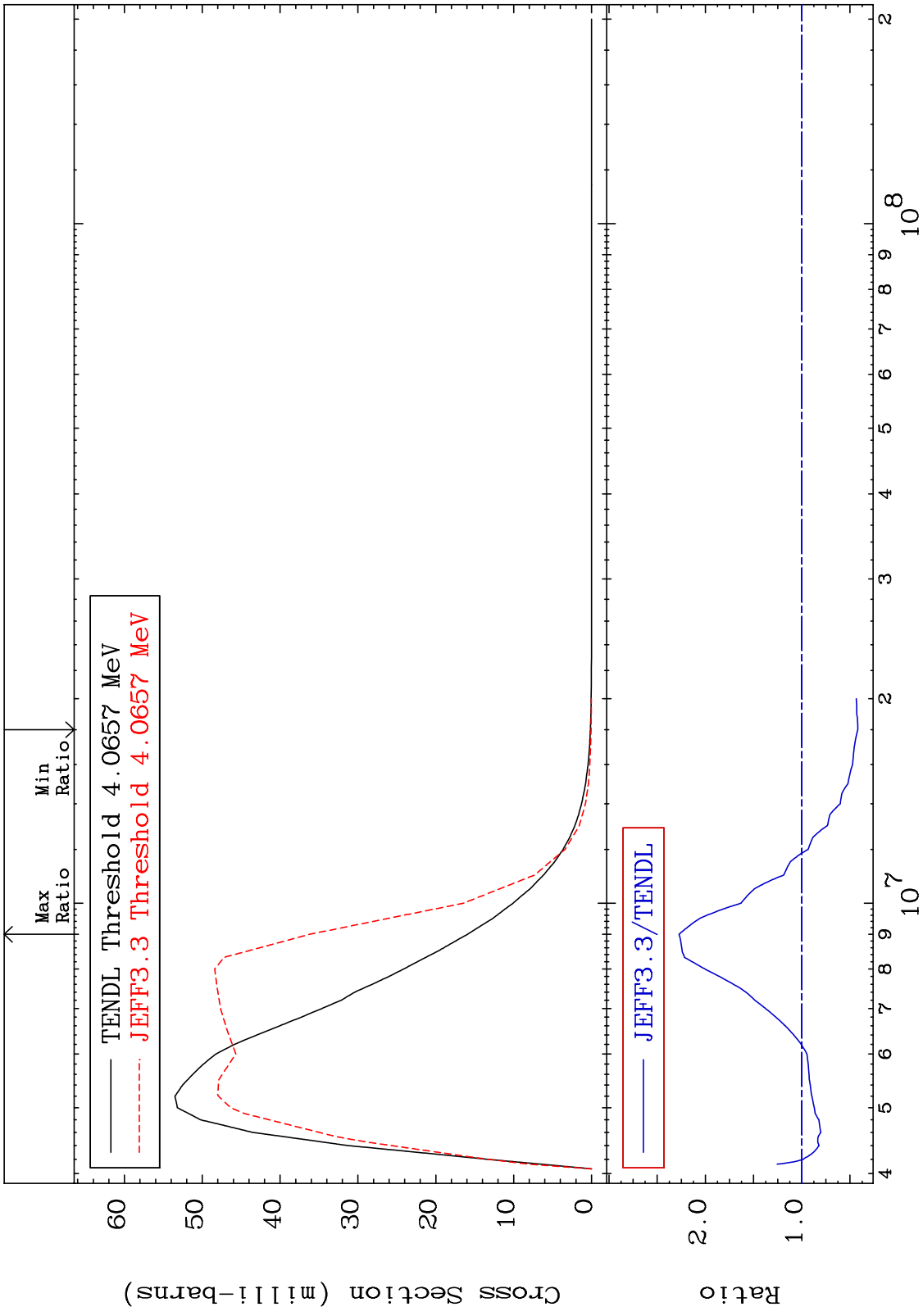
MAT 1228 MT= 58 (n,n') Level Cross Section -52.70 To 158.7 % 12-Mg-25



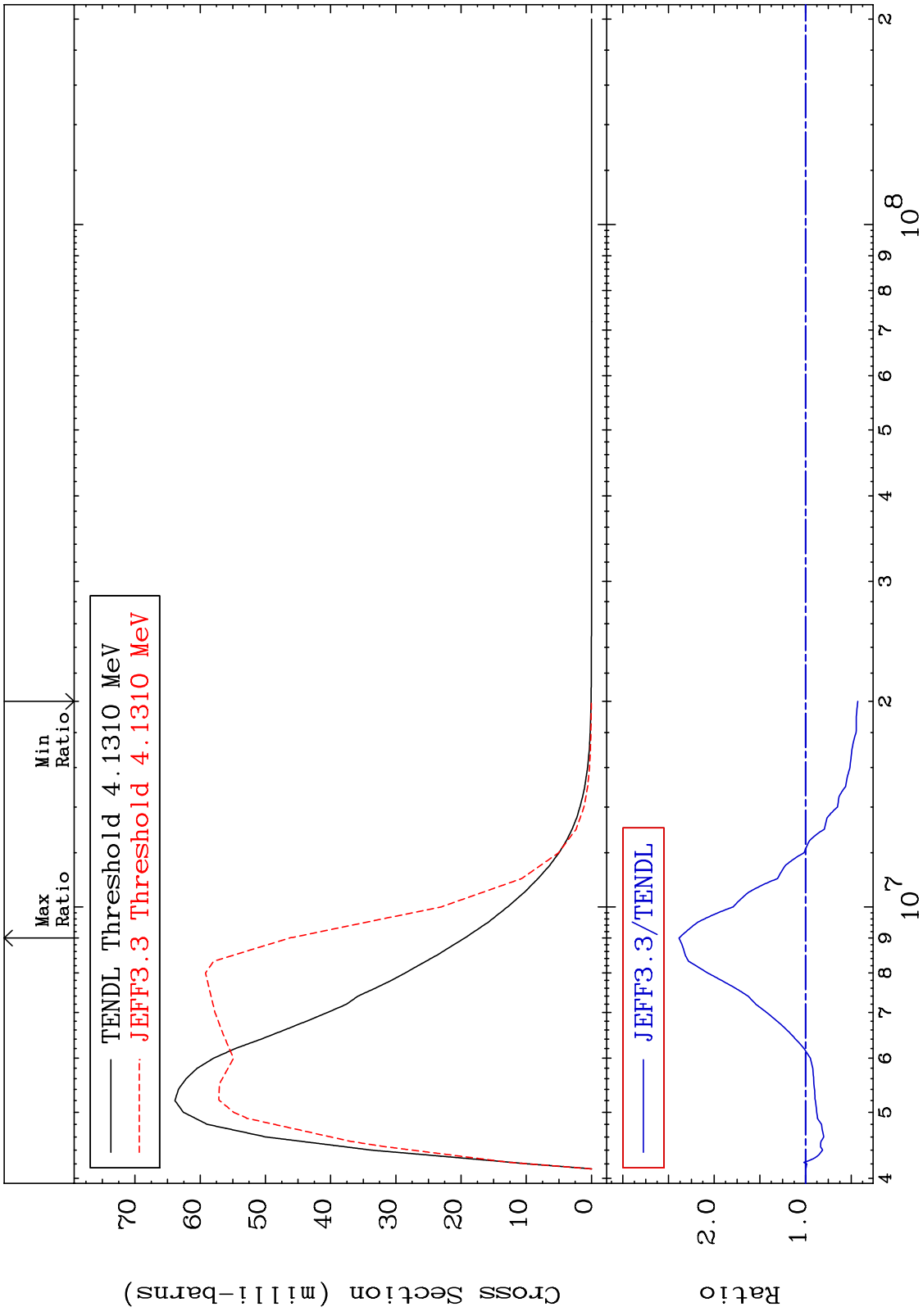
MAT 1228 MT= 59 (n,n') Level Cross Section 12-Mg-25
 -59.03 To 138.6 %



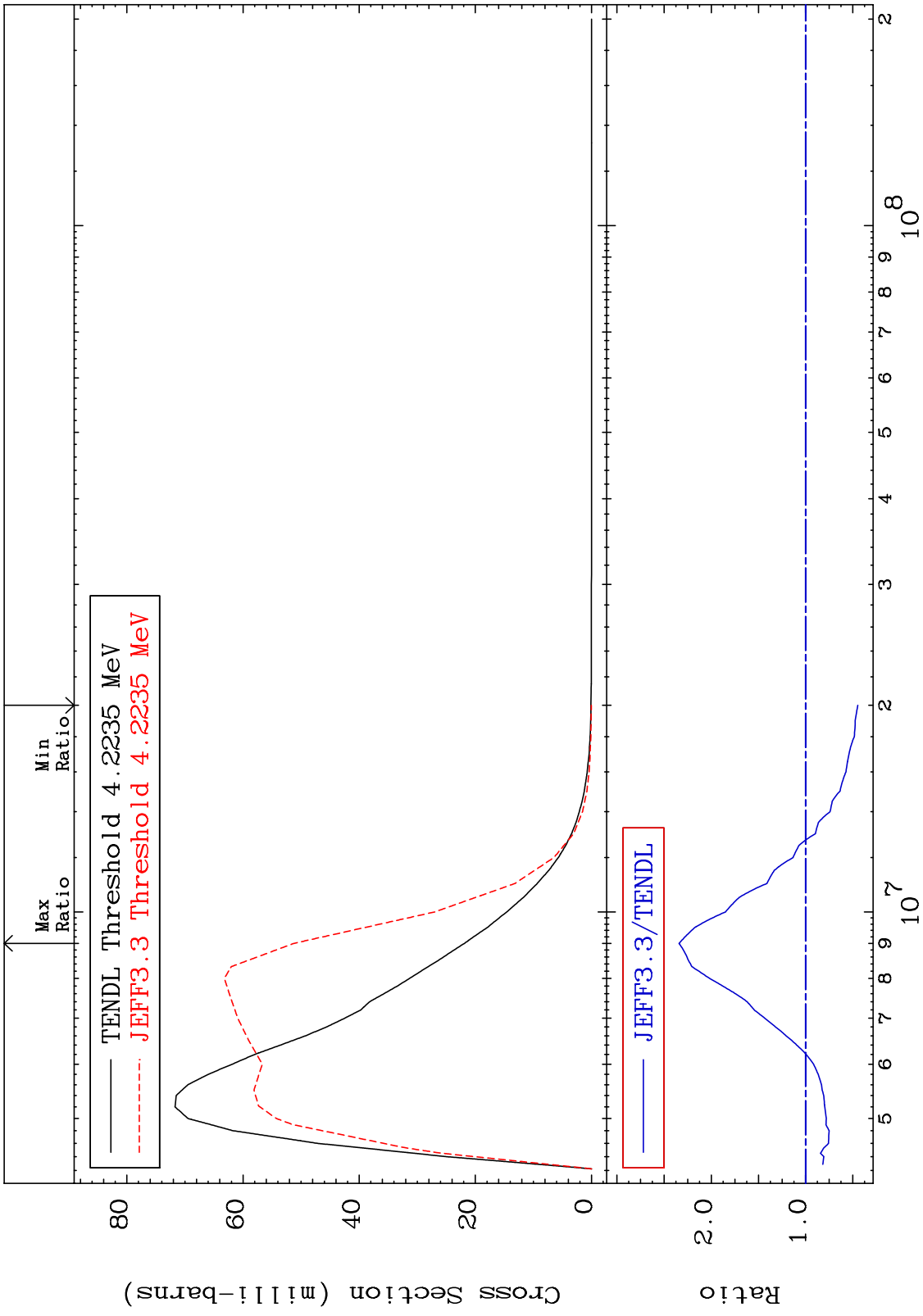
MAT 1228 MT= 60 (n,n') Level Cross Section 12-Mg-25
 -58.12 To 127.4 %



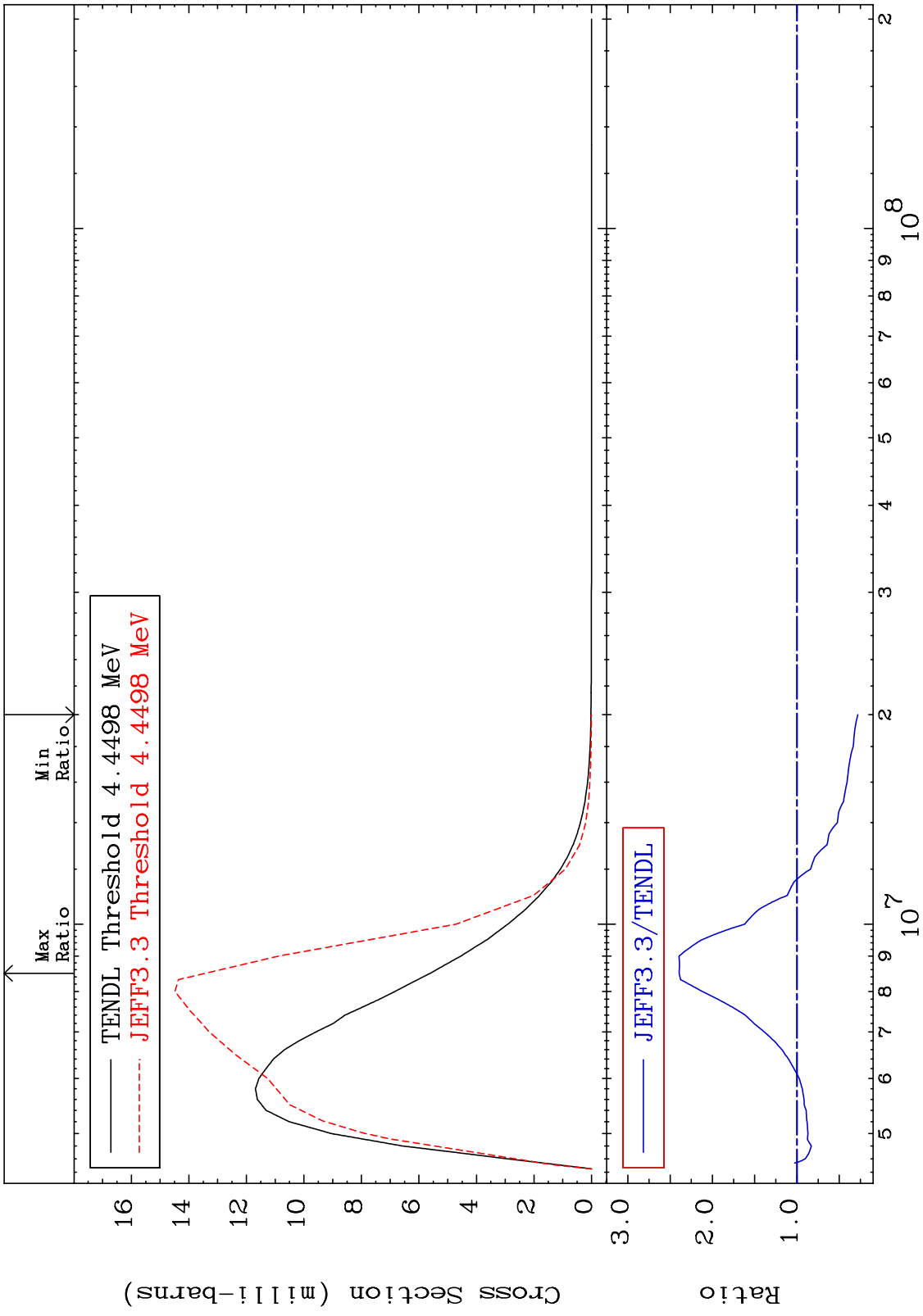
MAT 1228 MT= 61 (n,n') Level Cross Section -57.28 To 138.5 % 12-Mg-25



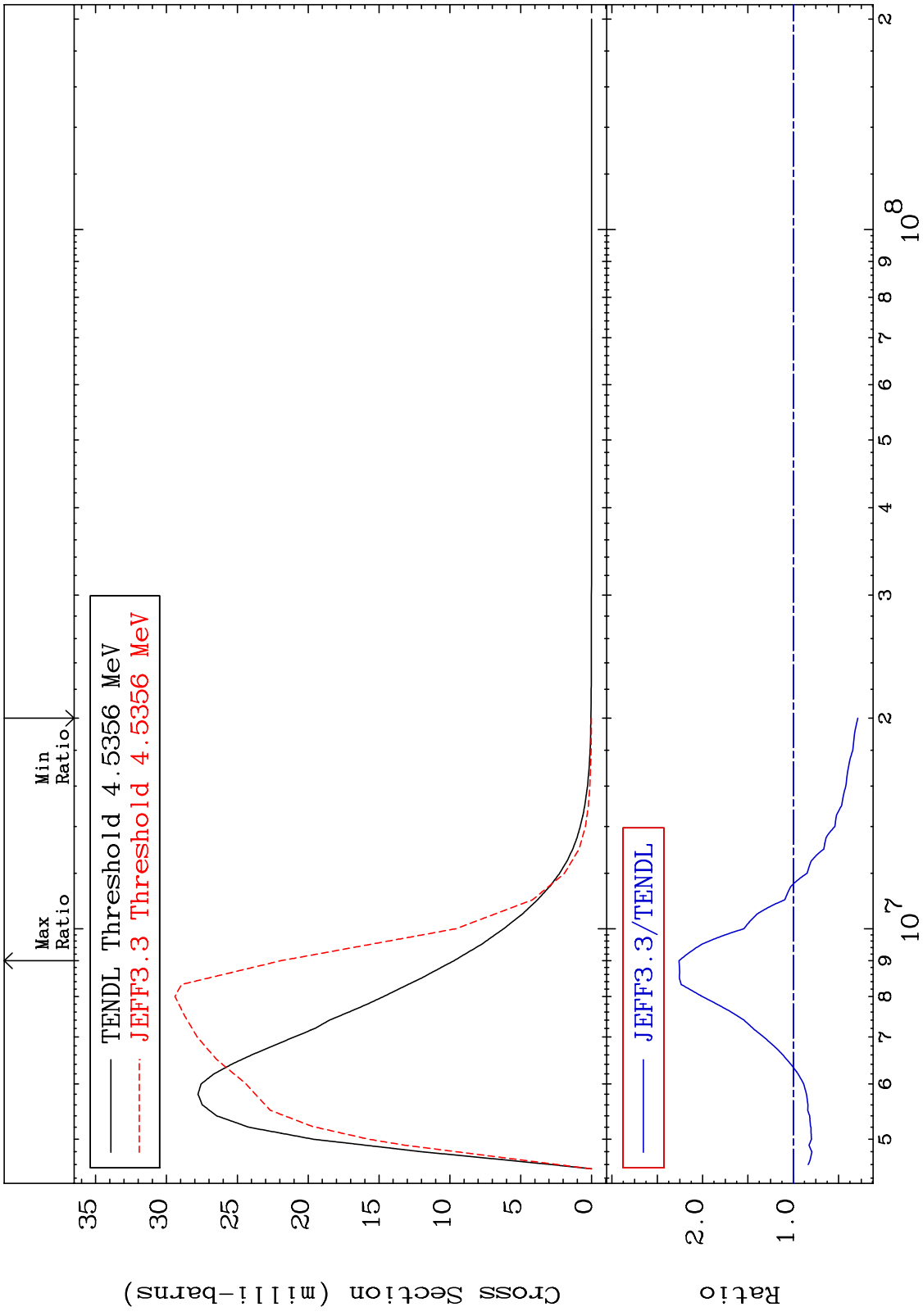
MAT 1228 MT= 62 (n,n') Level Cross Section -55.30 To 134.2 % 12-Mg-25



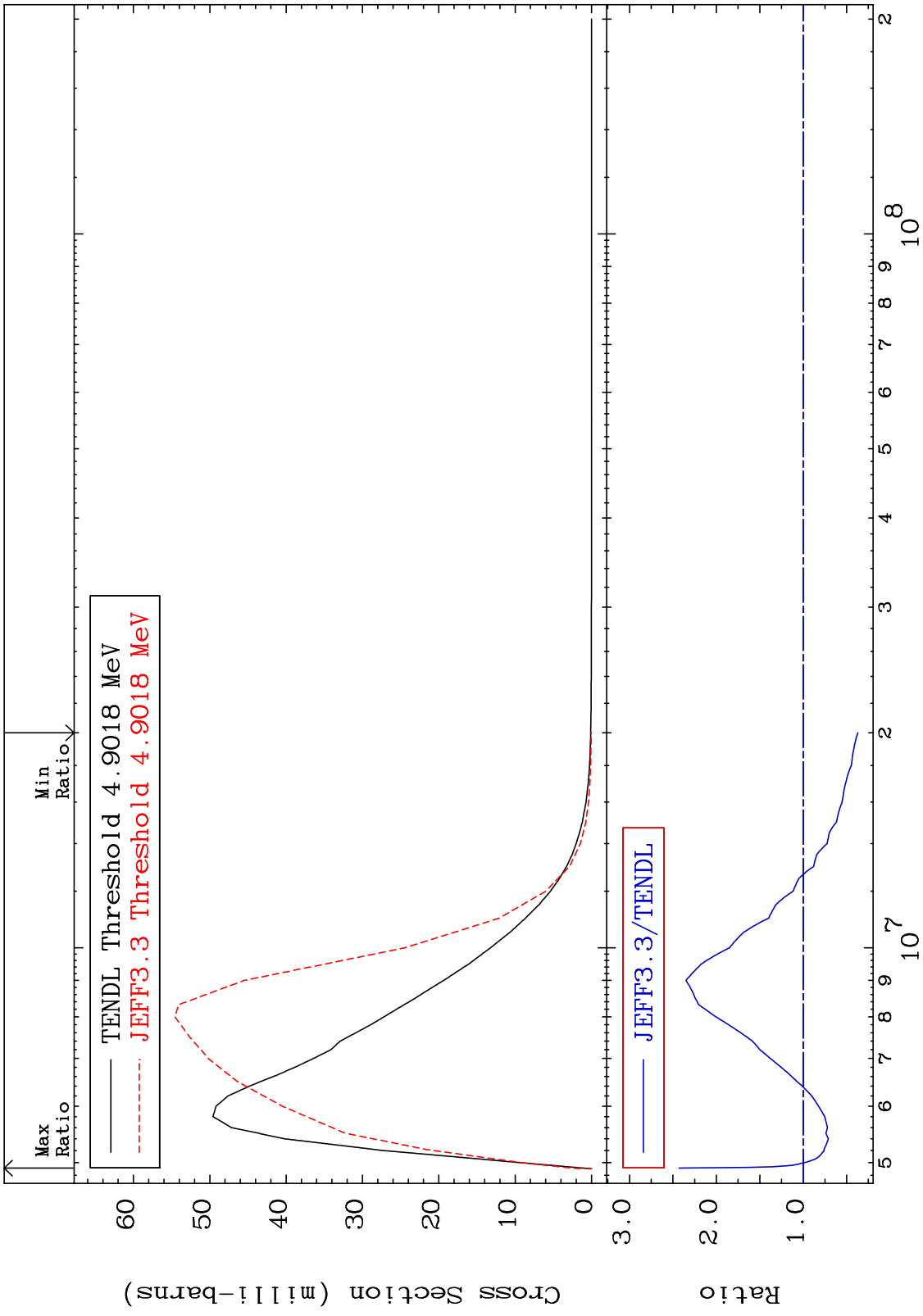
MAT 1228 MT= 63 (n,n') Level Cross Section -71.96 To 139.5 % 12-Mg-25



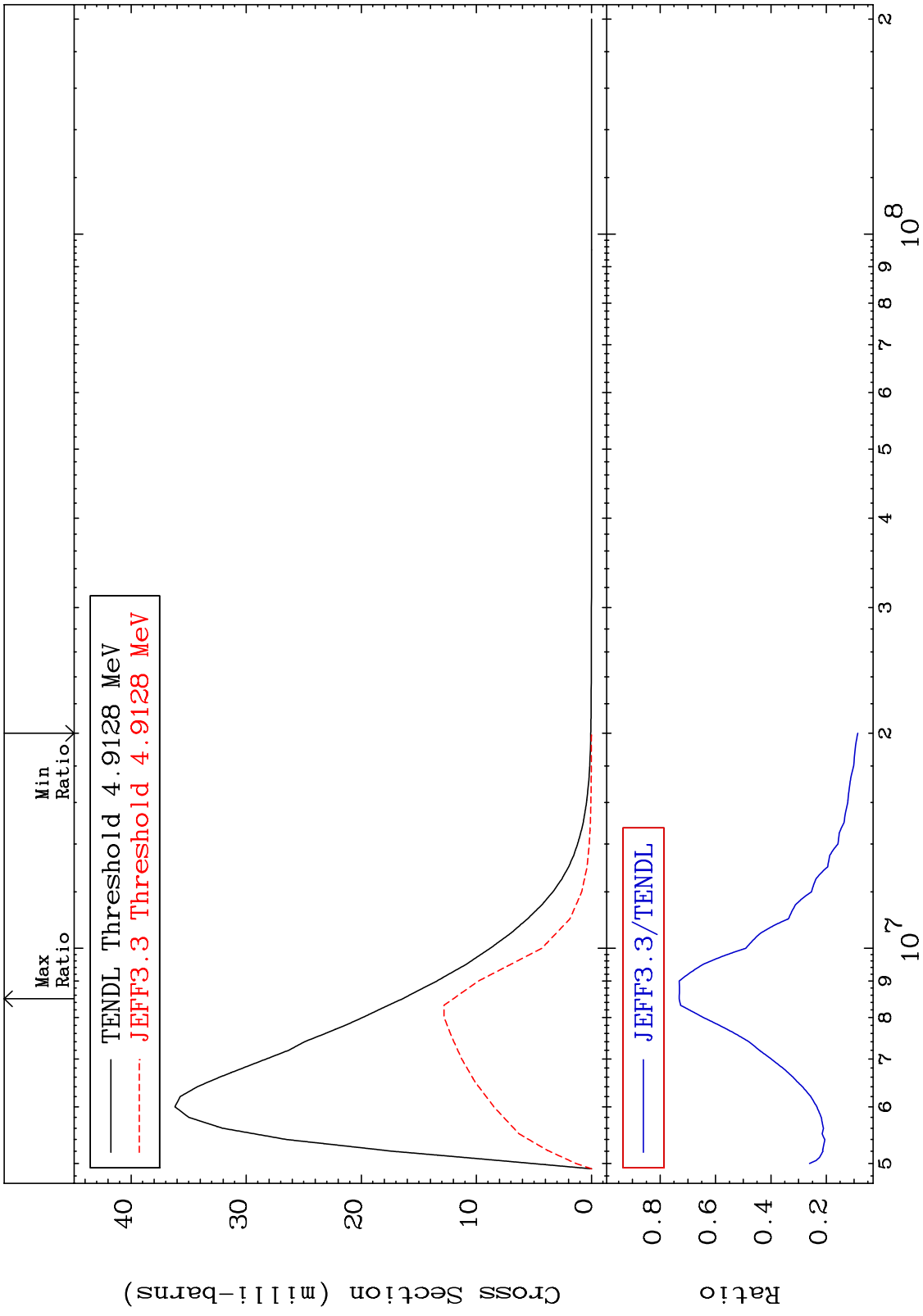
MAT 1228 MT= 64 (n,n') Level Cross Section -71.28 To 126.0 % 12-Mg-25



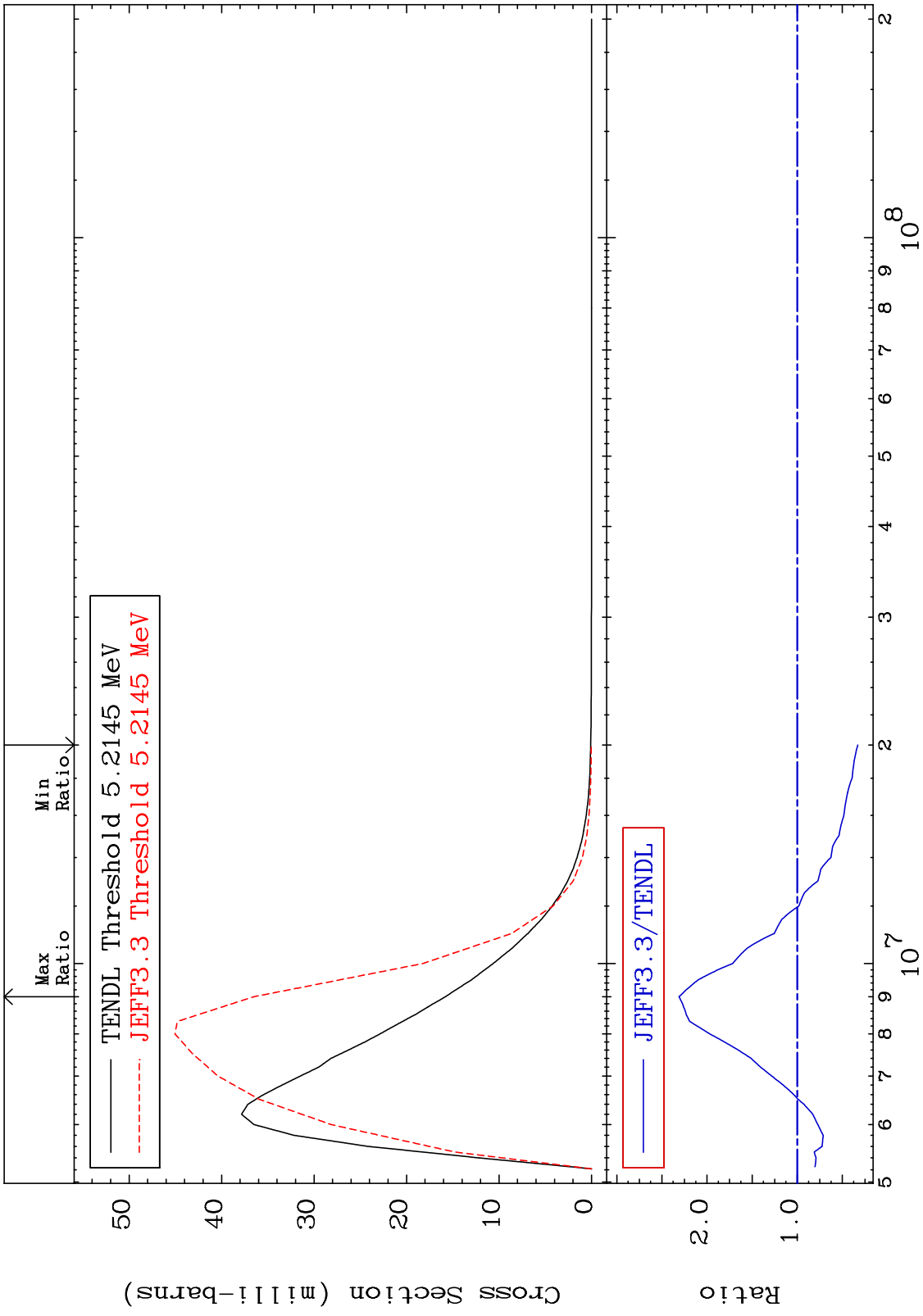
MAT 1228 MT= 65 (n,n') Level Cross Section 12-Mg-25
 -62.85 To 142.9 %

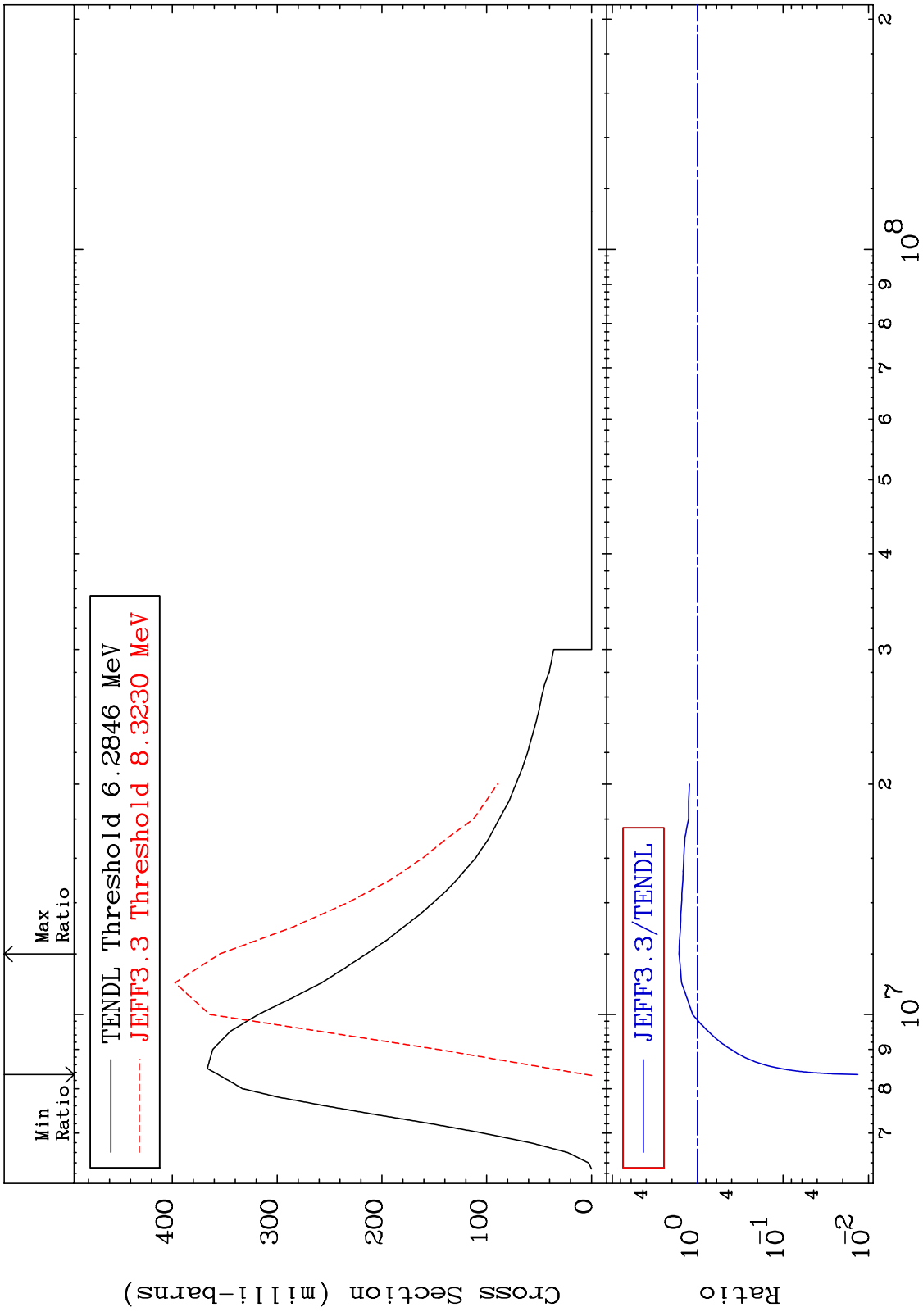


MAT 1228 MT= 66 (n,n') Level Cross Section 12-Mg-25
 -91.39 To -26.82%



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





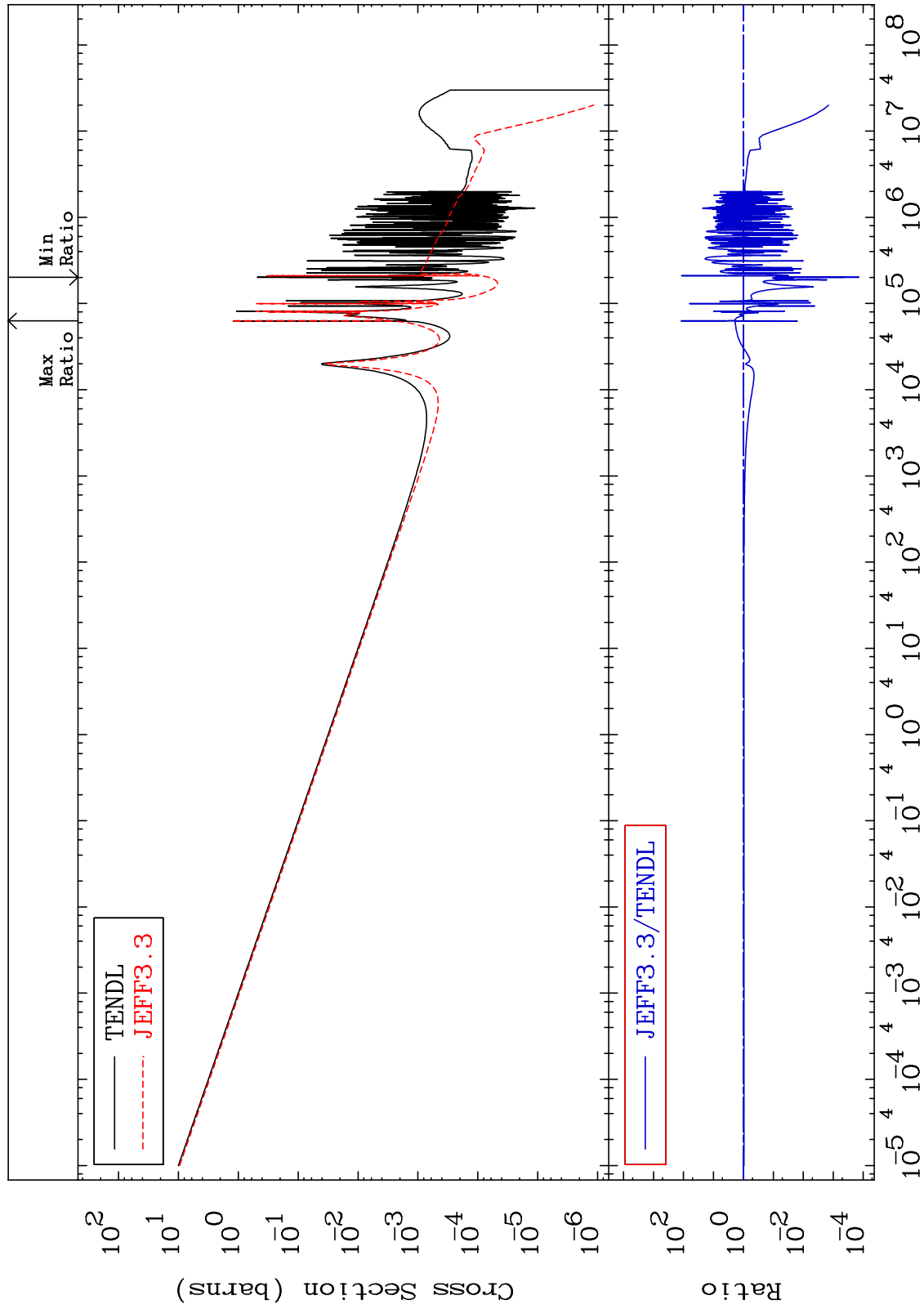
MAT 1228

(n, γ)

12-Mg-25

Cross Section

-99.99 To 9999. %

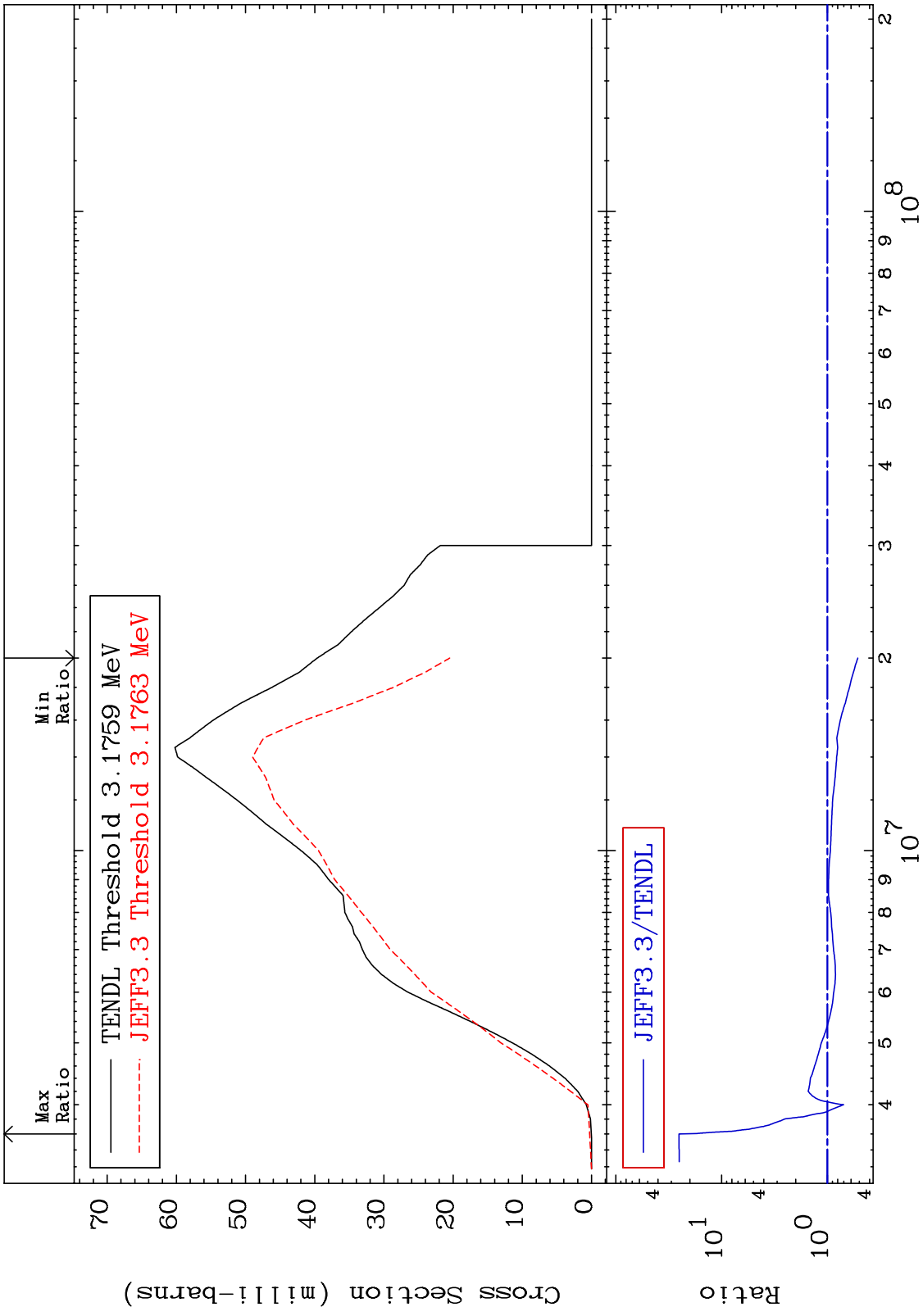


25

Incident Energy (eV)

12-Mg-25

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



Incident Energy (eV) 12-Mg-25

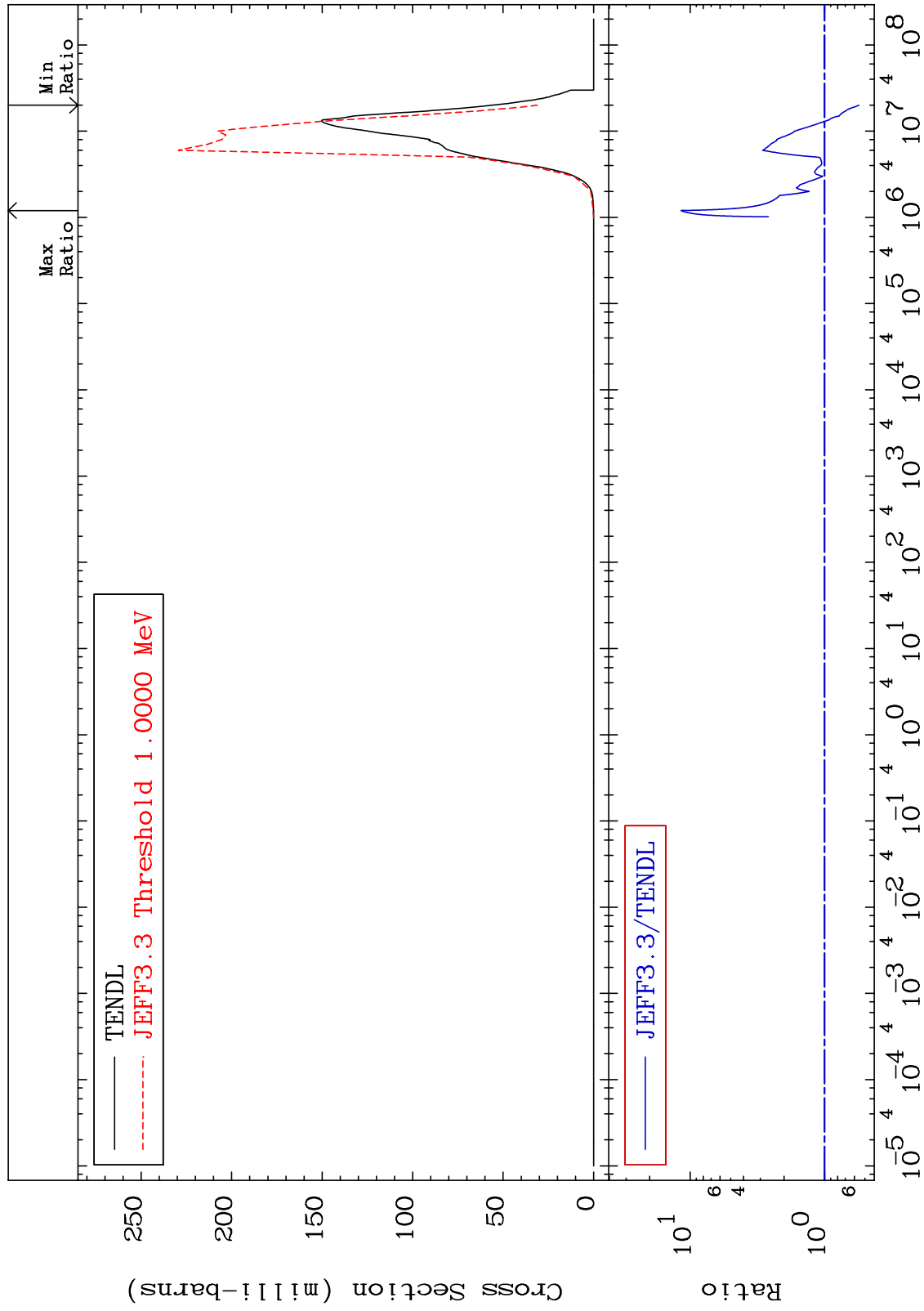
MAT 1228

(n, α)

12-Mg-25

Cross Section

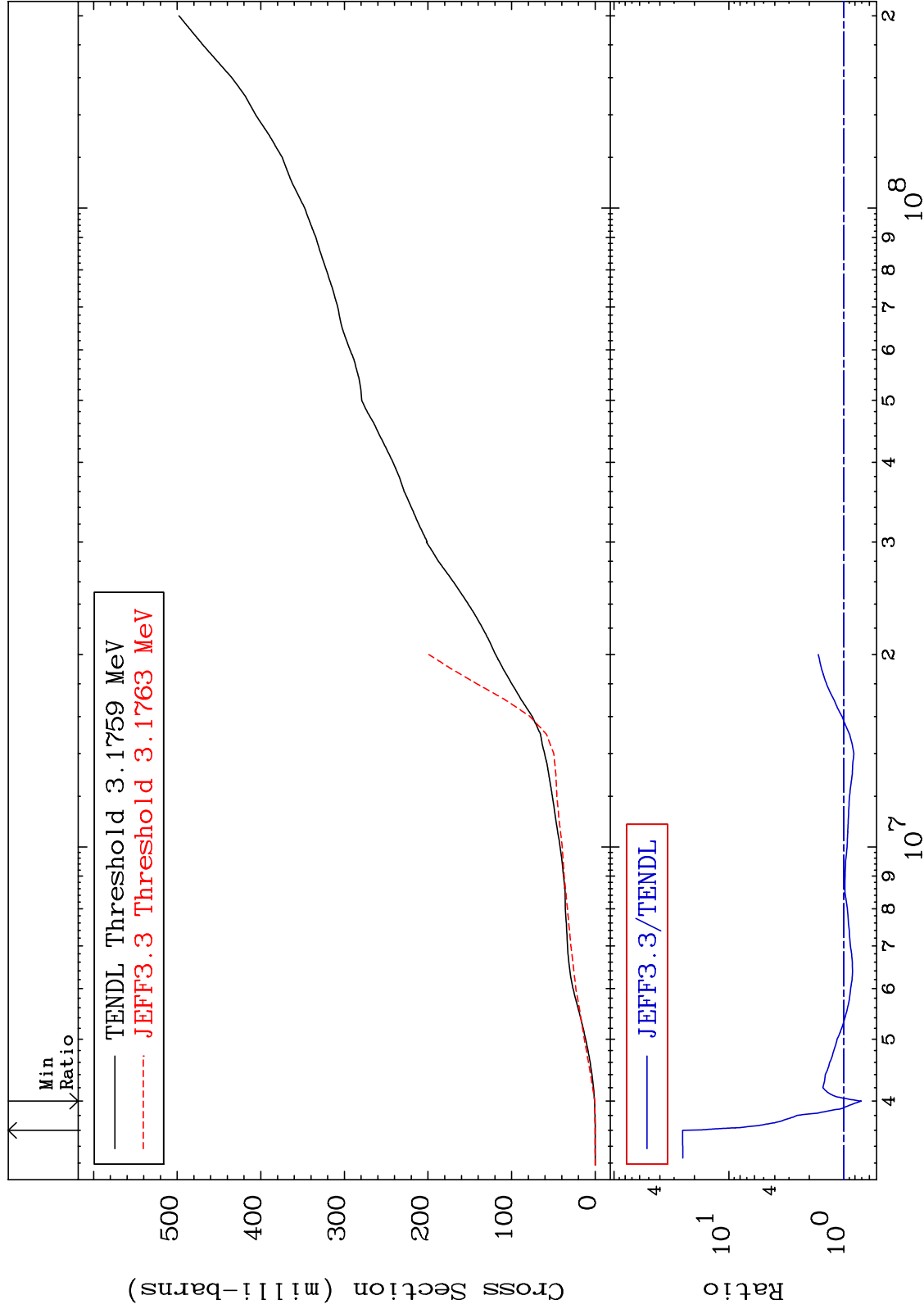
-44.64 To 1073. %



MAT 1228

Hydrogen Production
Cross Section

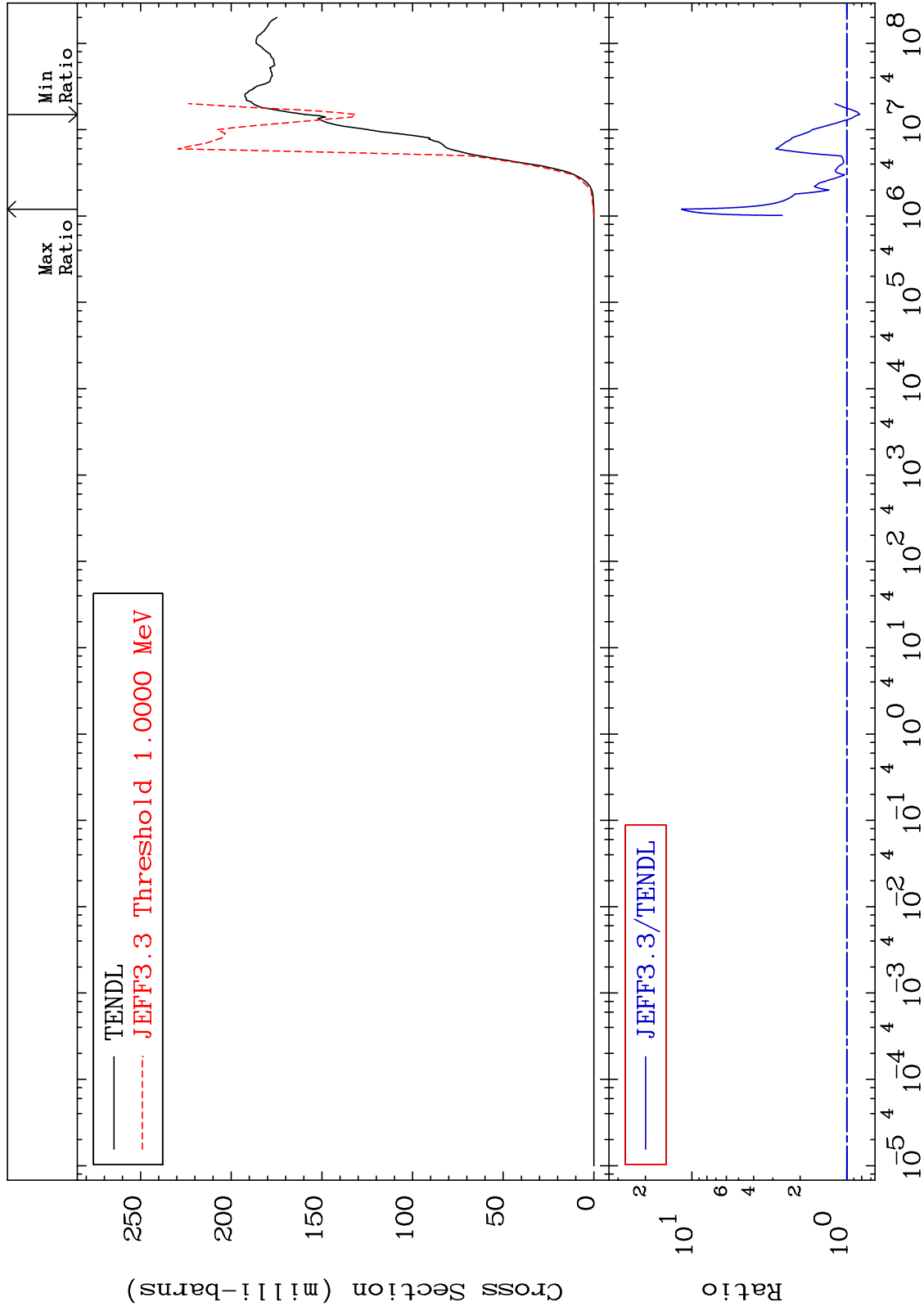
12-Mg-25
-29.48 To 2430. %

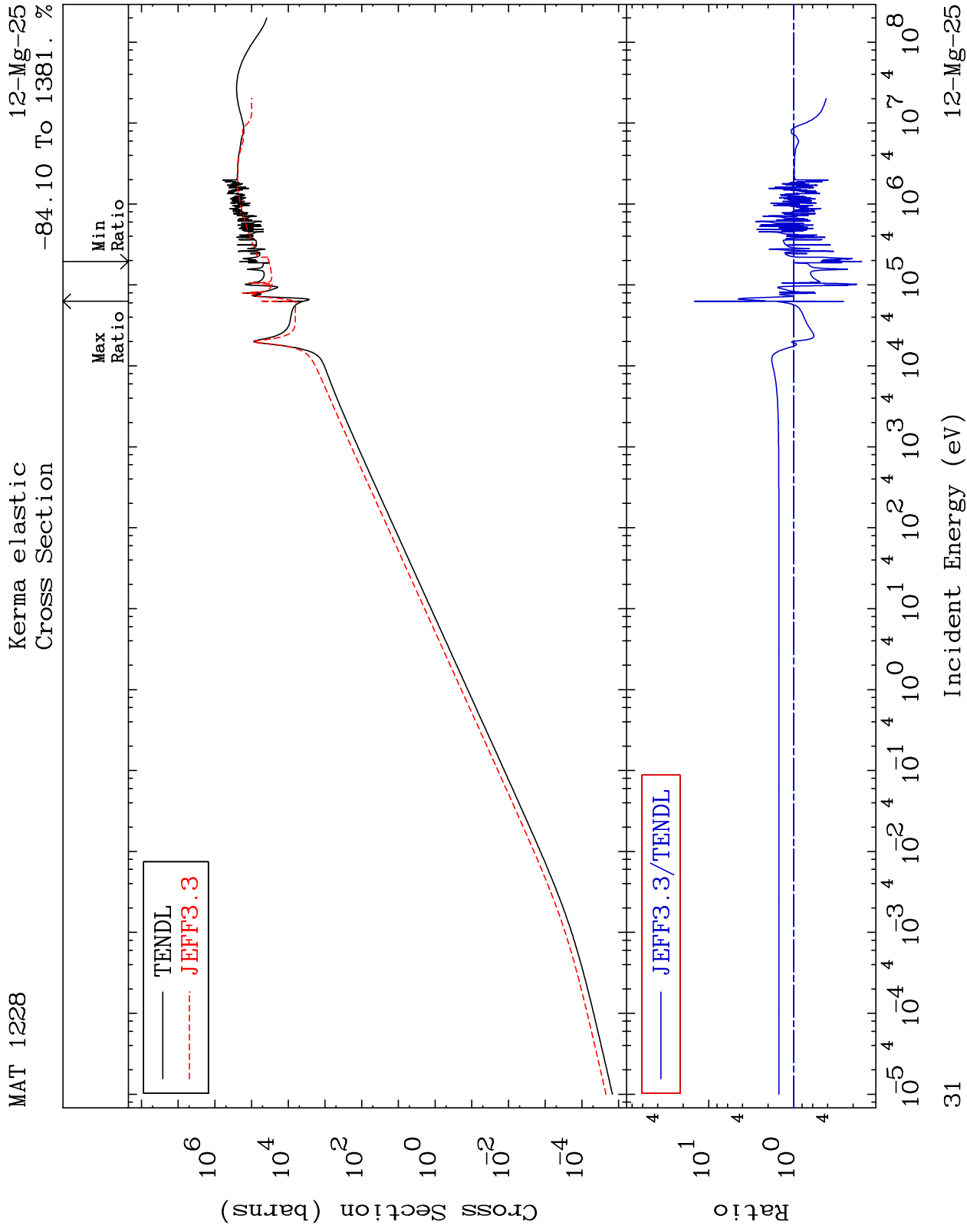


MAT 1228

He-4 Production
Cross Section

12-Mg-25
-17.55 To 1073. %

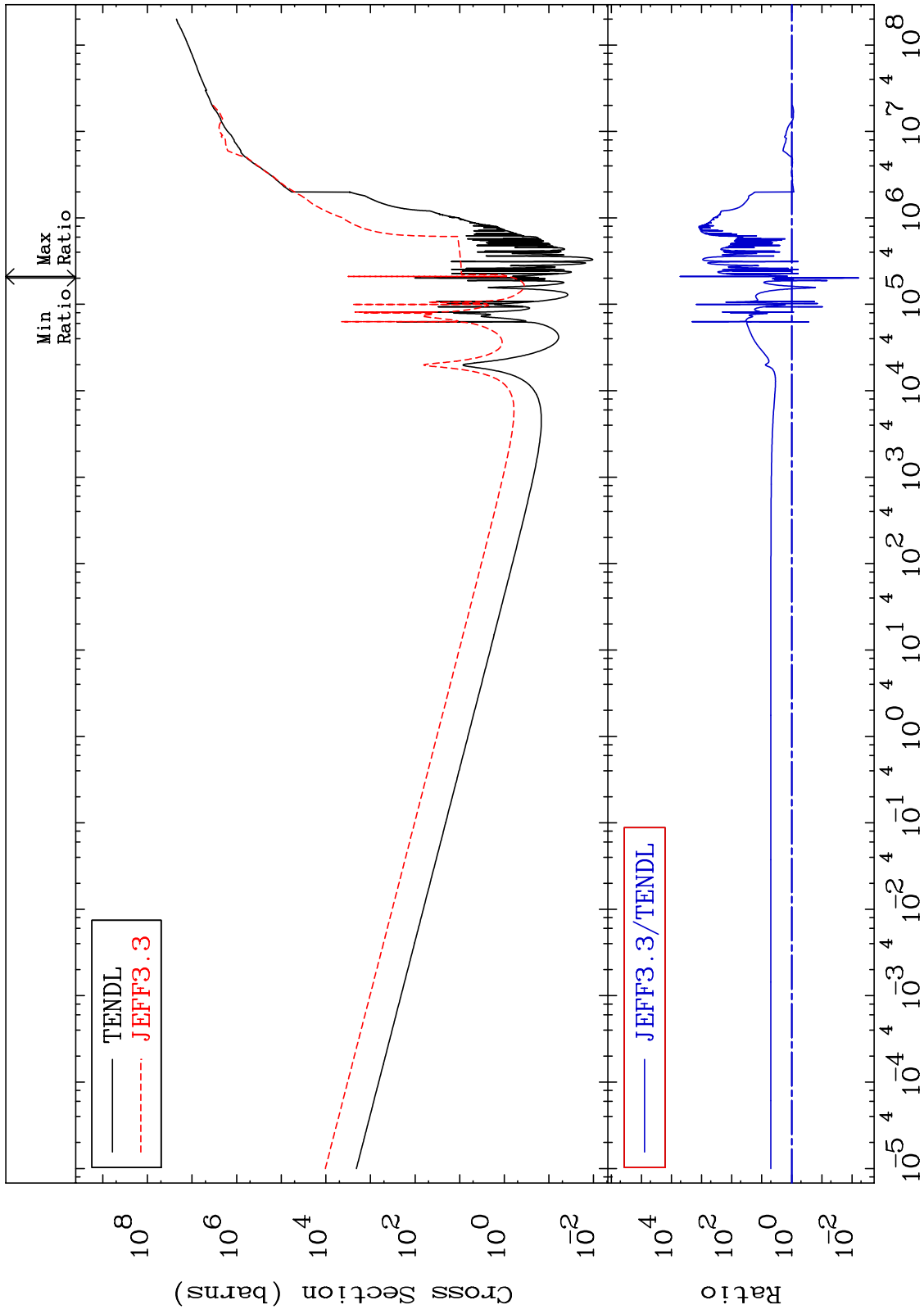


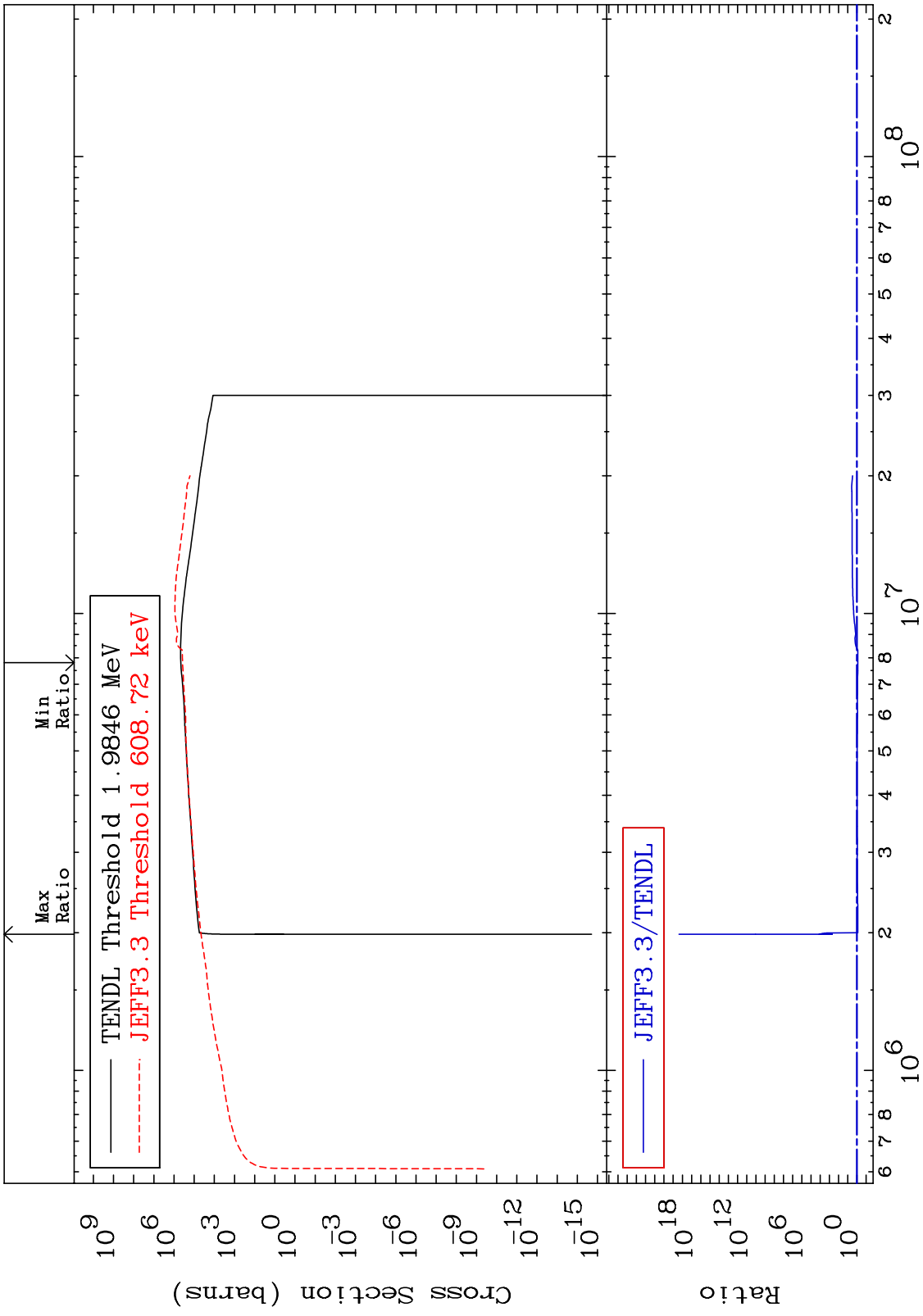


MAT 1228

Kerma non-elastic (all but mt2)
Cross Section

12-Mg-25
-99.41 To 9999. %

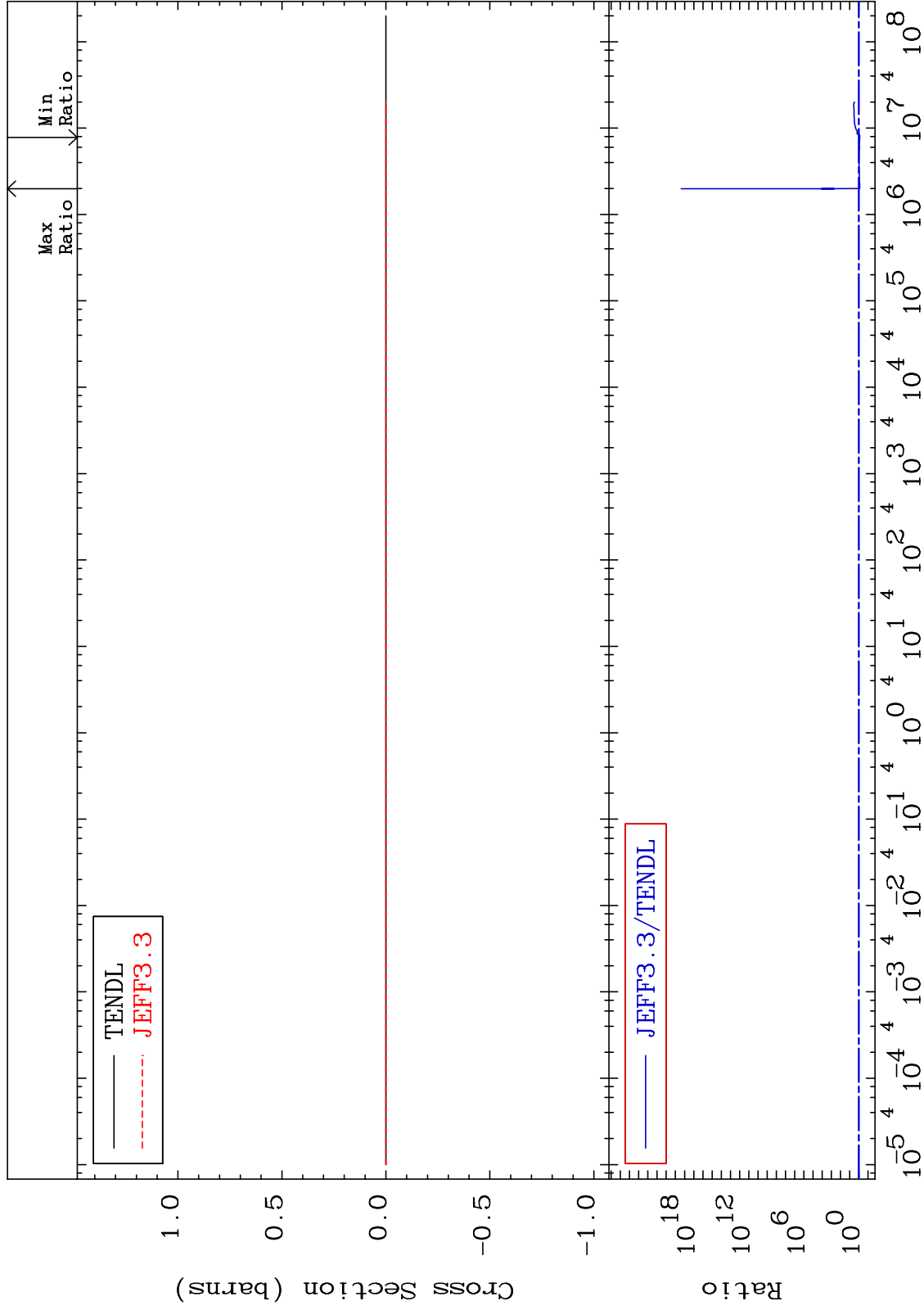




MAT 1228

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

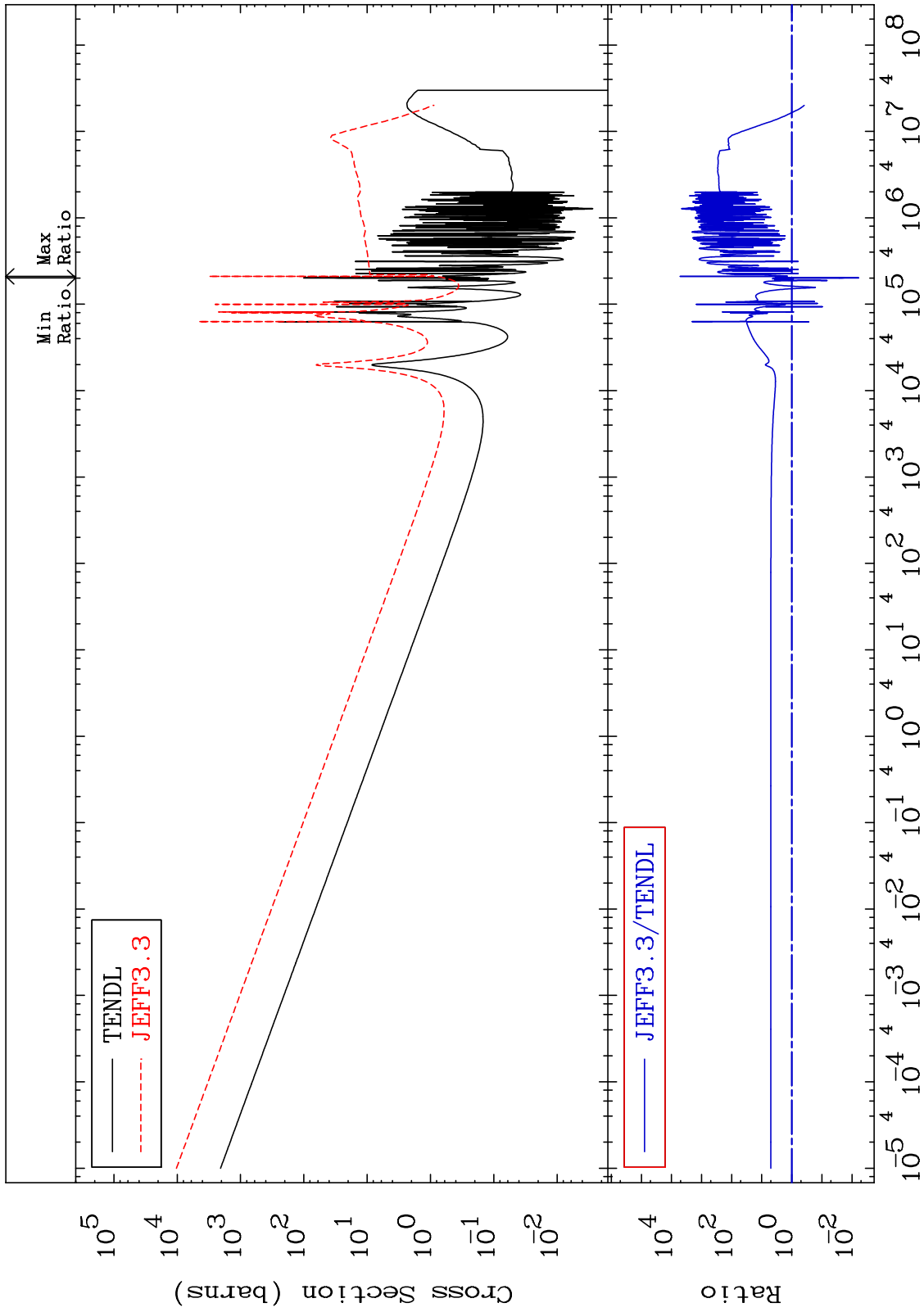
12-Mg-25
-18.64 To 9999. %



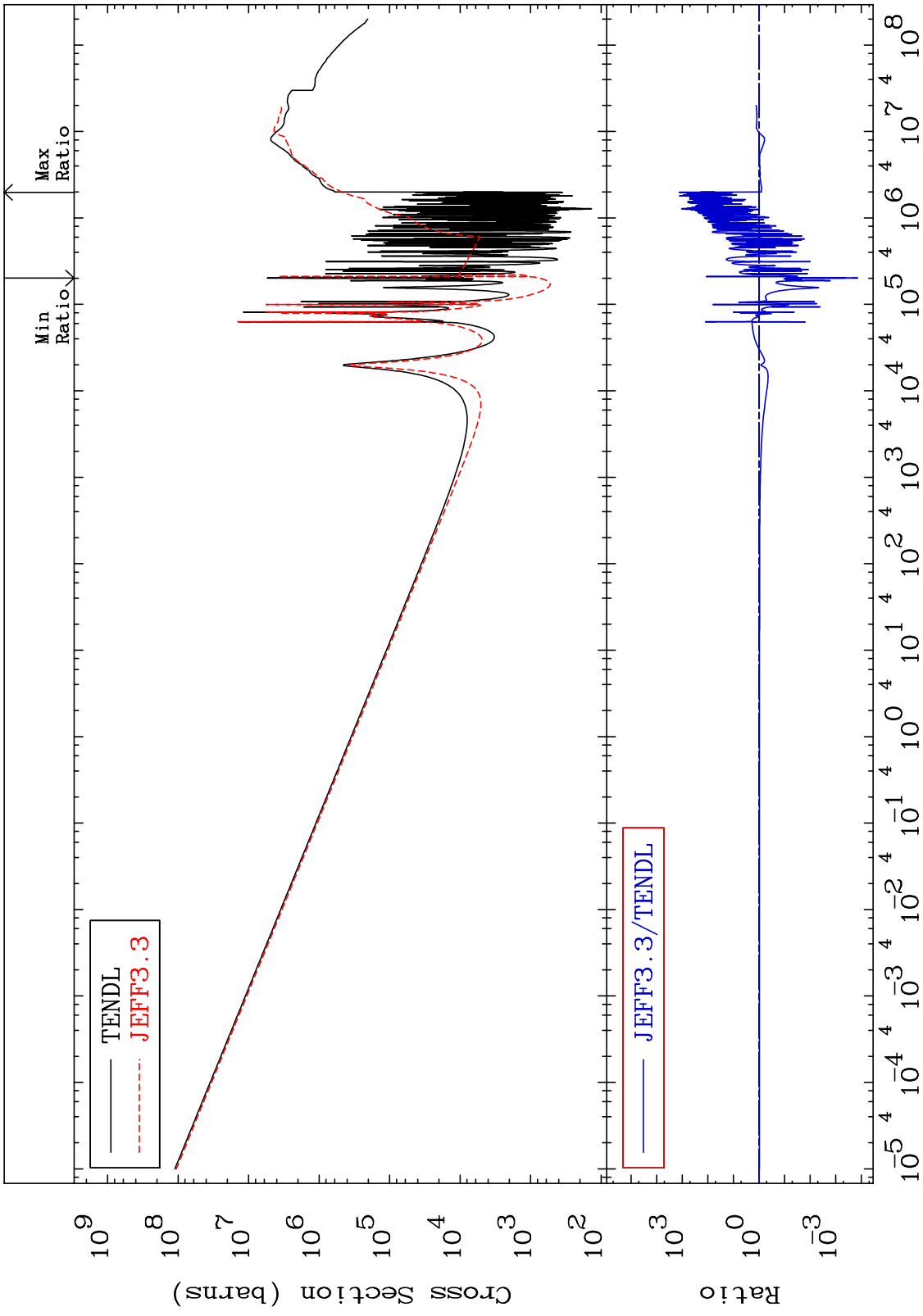
MAT 1228

Kerma capture (mt102)
Cross Section

12-Mg-25
-99.41 To 9999. %

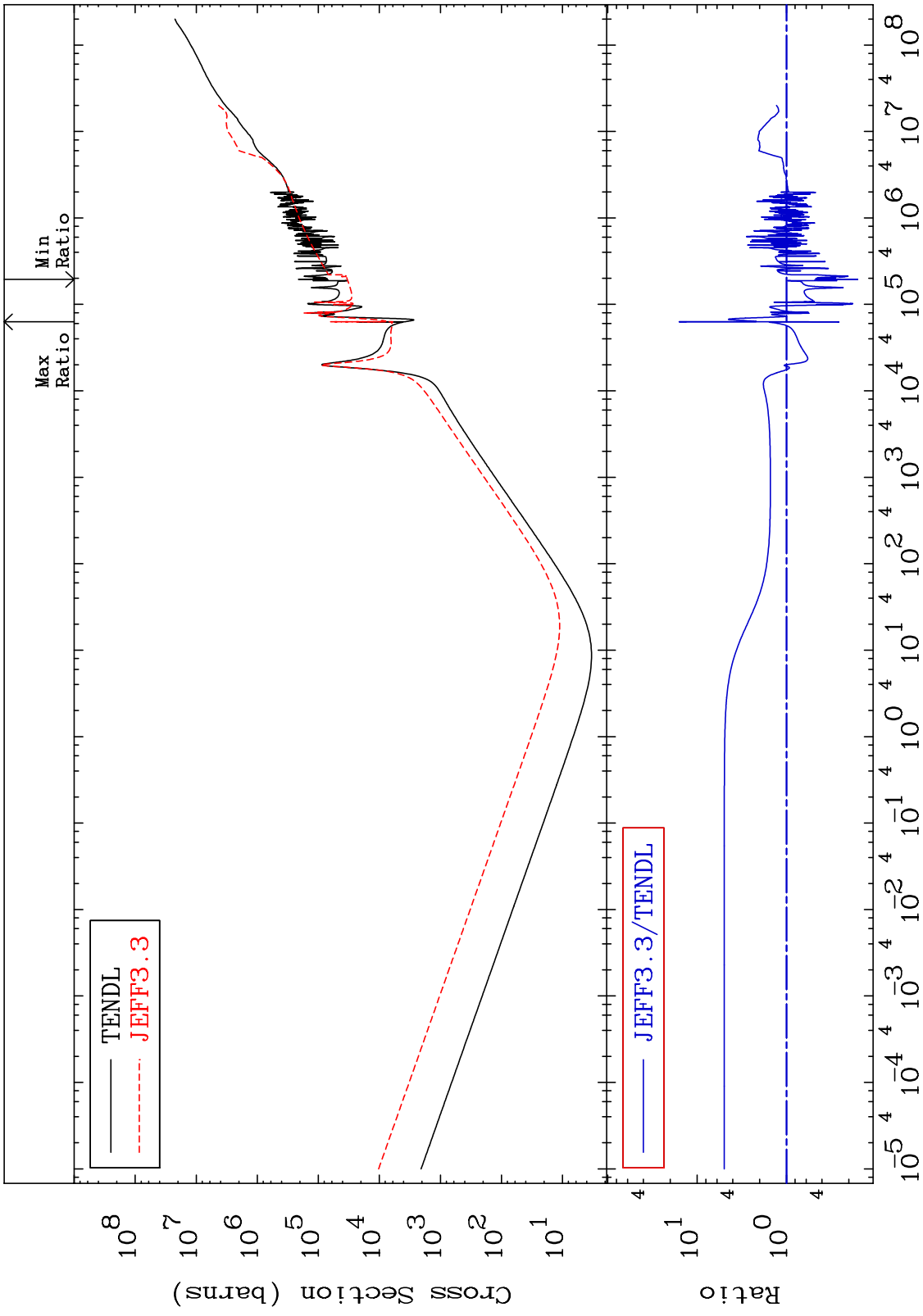


MAT 1228 12-Mg-25
 Total photon (eV-barns) -99.99 To 9999. %
 Cross Section



36 12-Mg-25

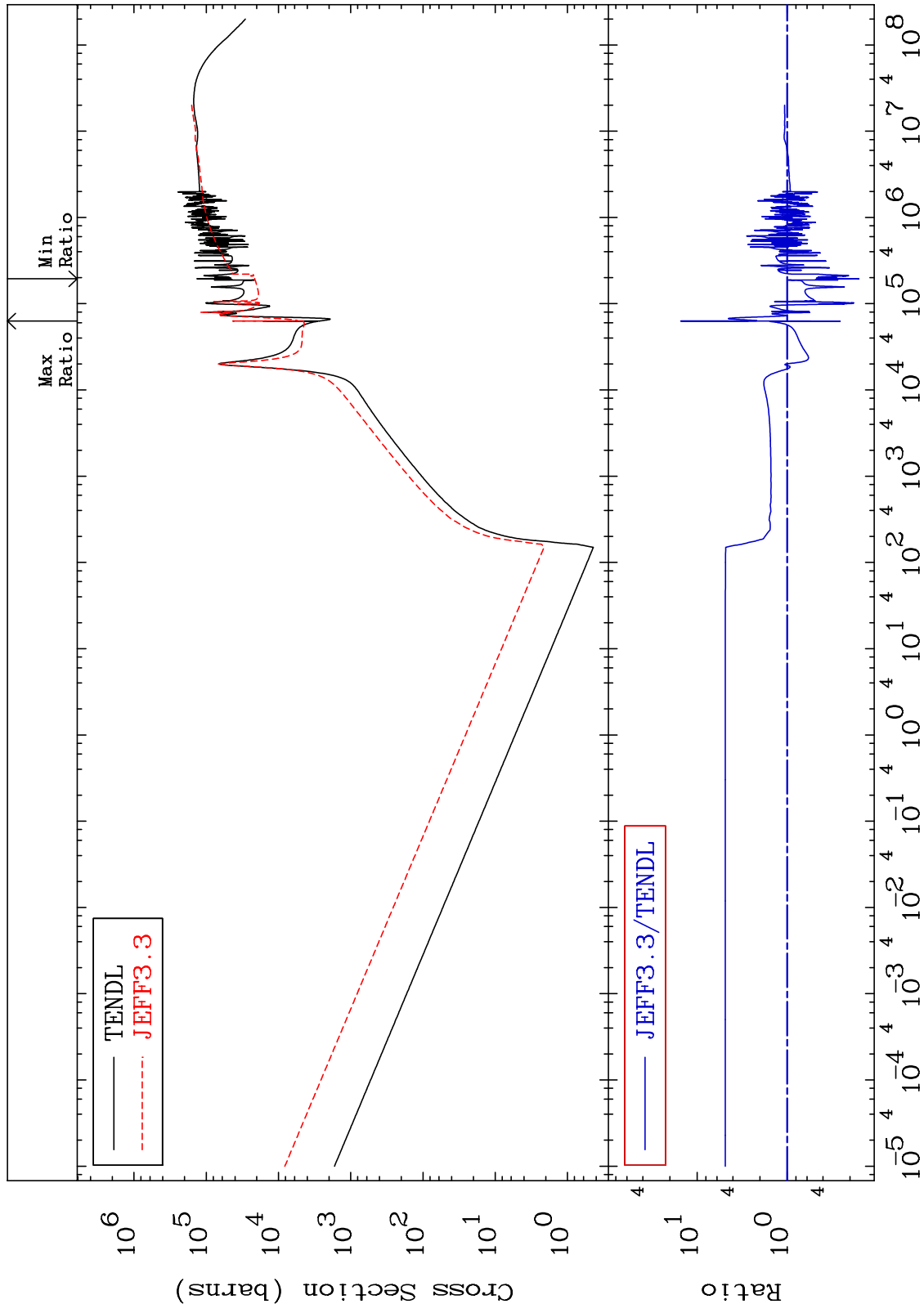
MAT 1228 Total kinematic kerma (high limit) 12-Mg-25
Cross Section -84.10 To 1495. %



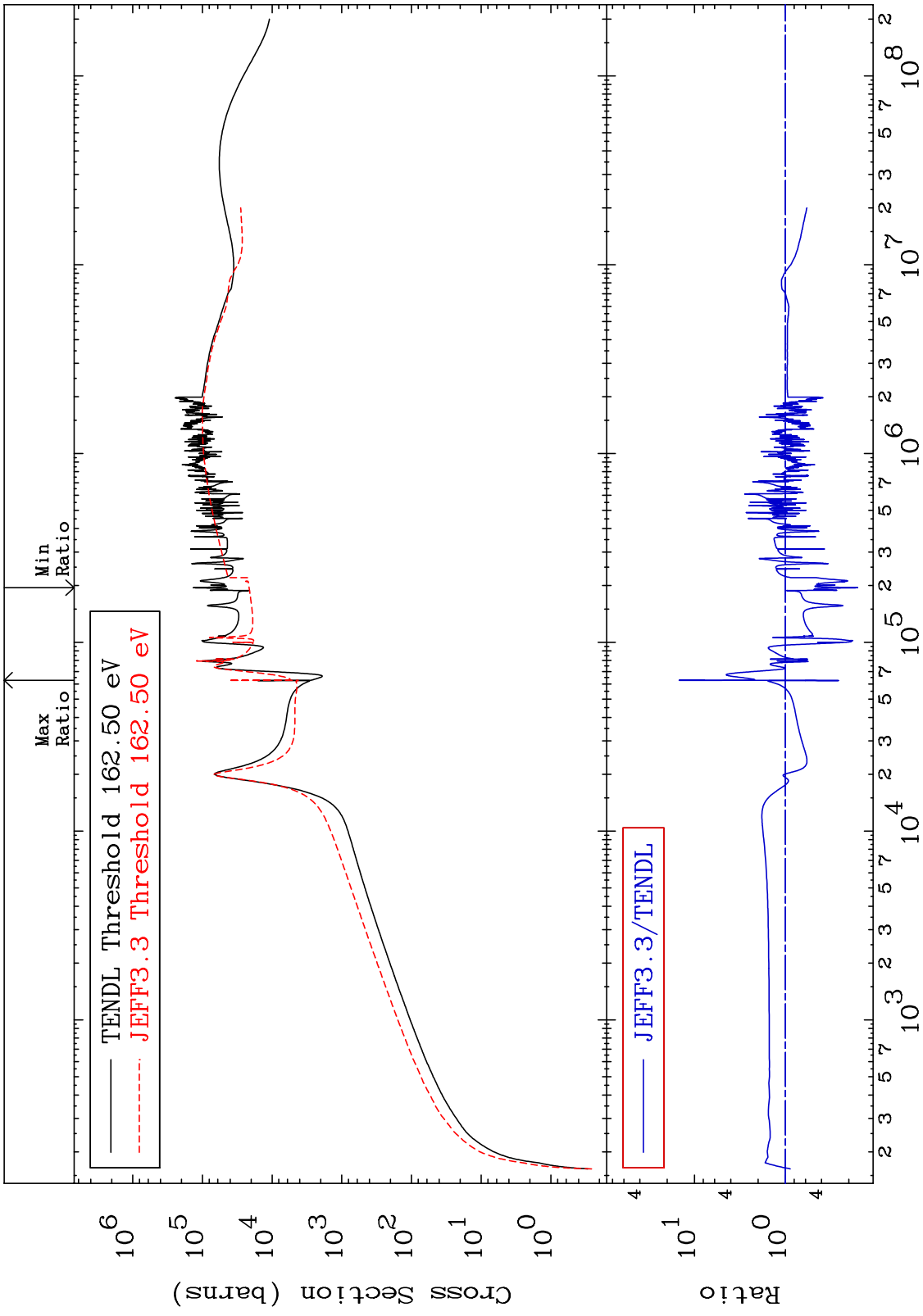
MAT 1228

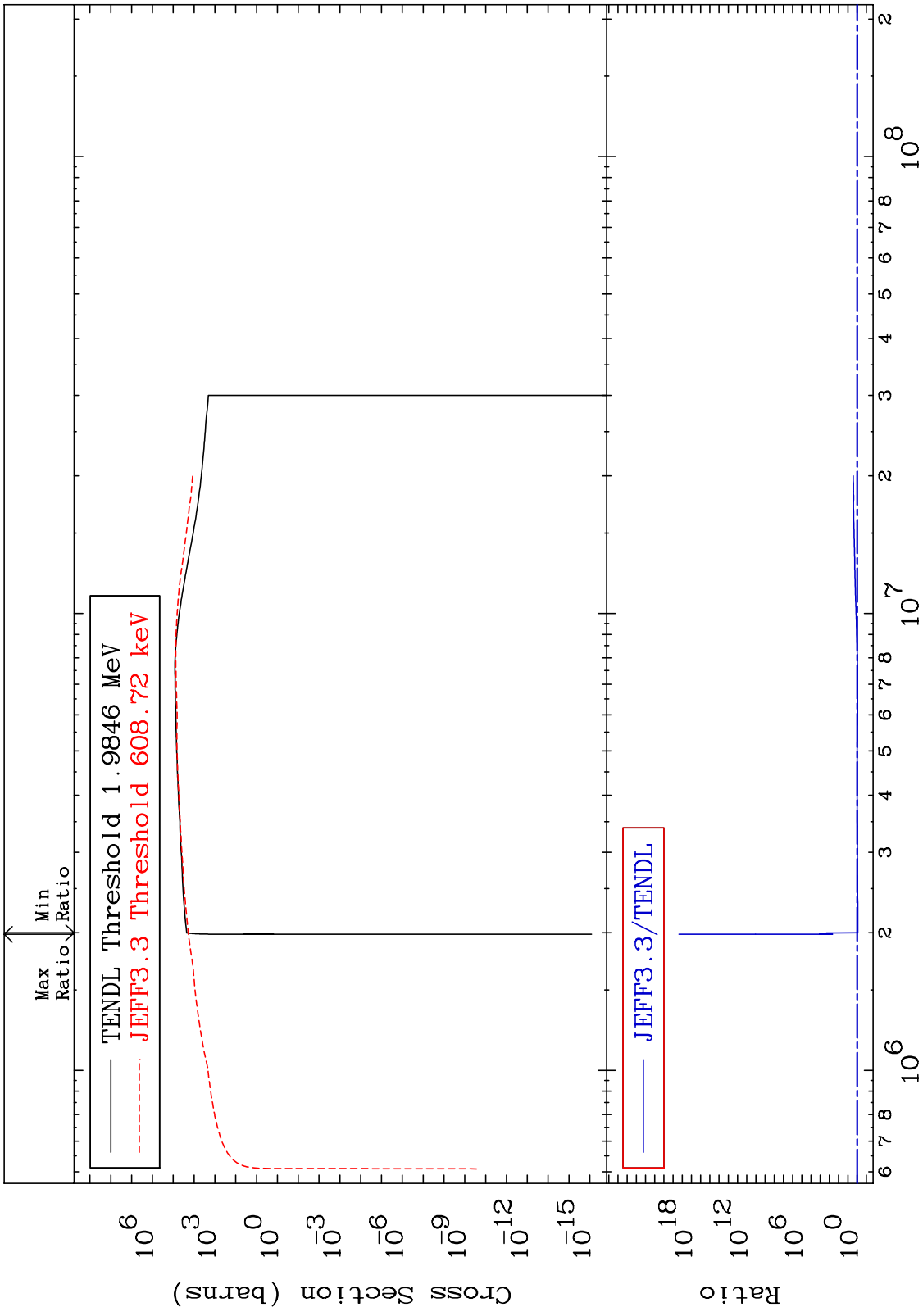
Dpa total (eV-barns)
Cross Section

12-Mg-25
-84.09 To 1421. %



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





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

