

Program Complot
(Version 2018-1)

by

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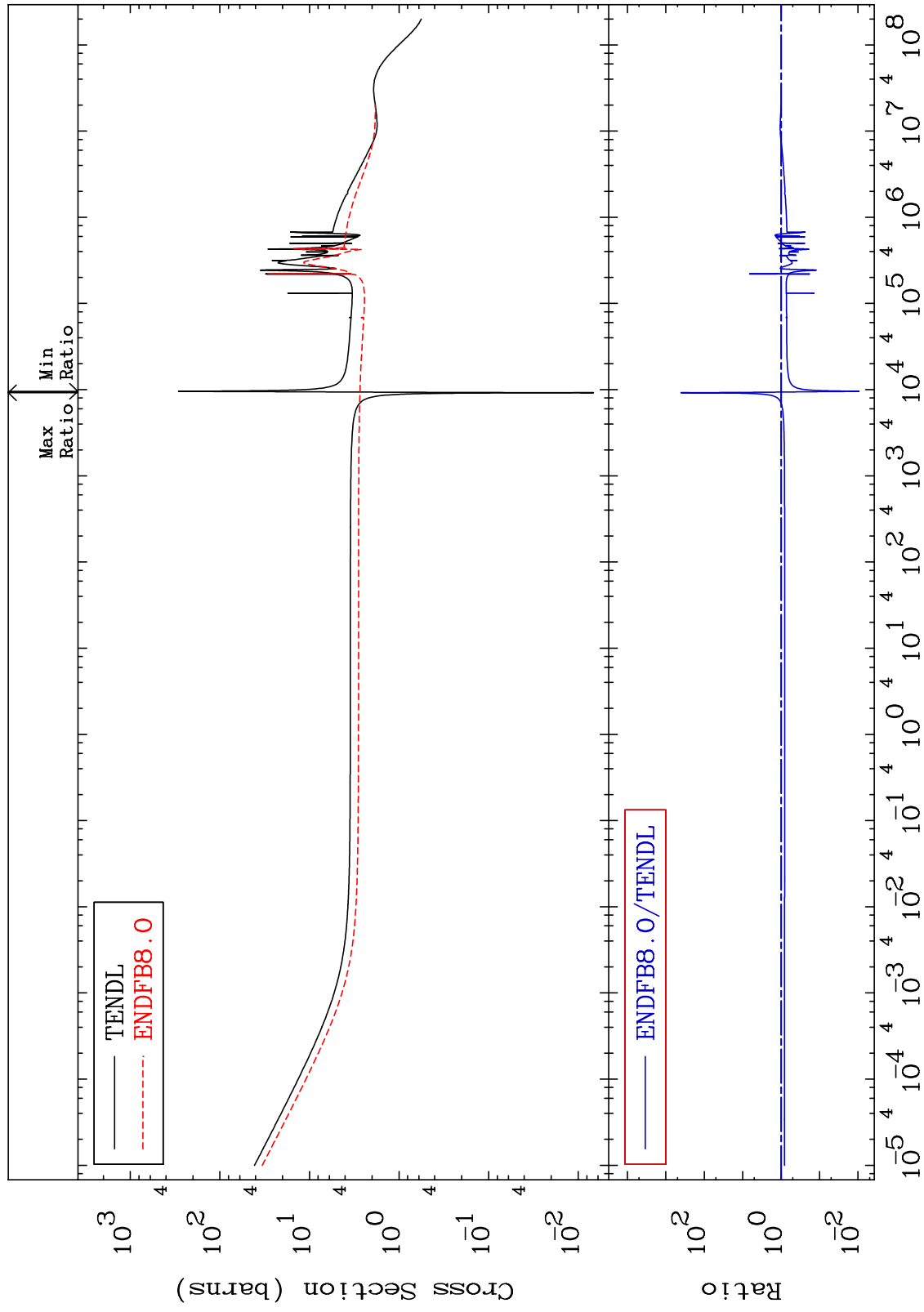
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1231 Total Cross Section 12-Mg-26 -99.06 To 9999. %



12-Mg-26

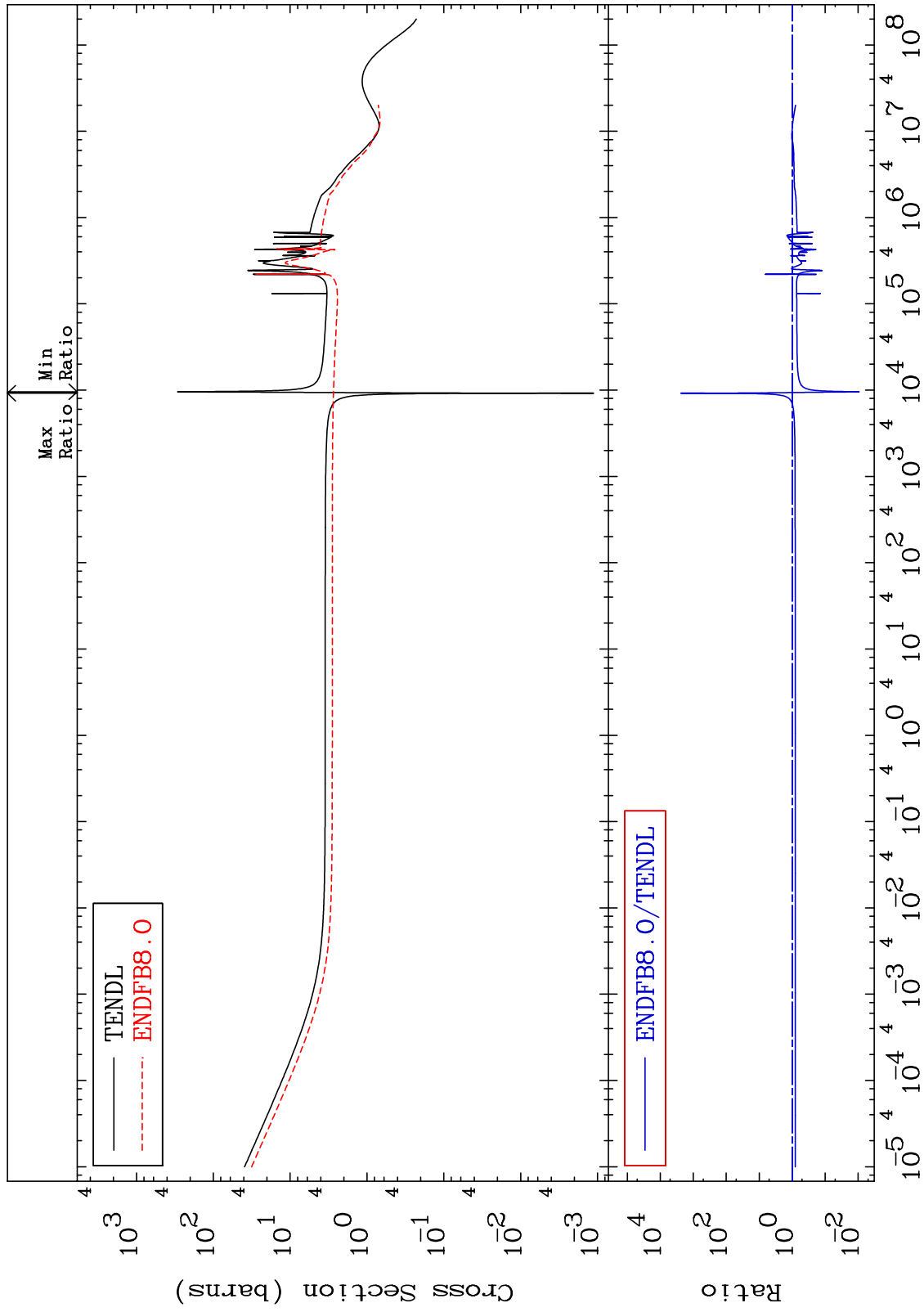
Incident Energy (eV)

1

MAT 1231

Elastic
Cross Section

12-Mg-26
-99.06 To 9999. %

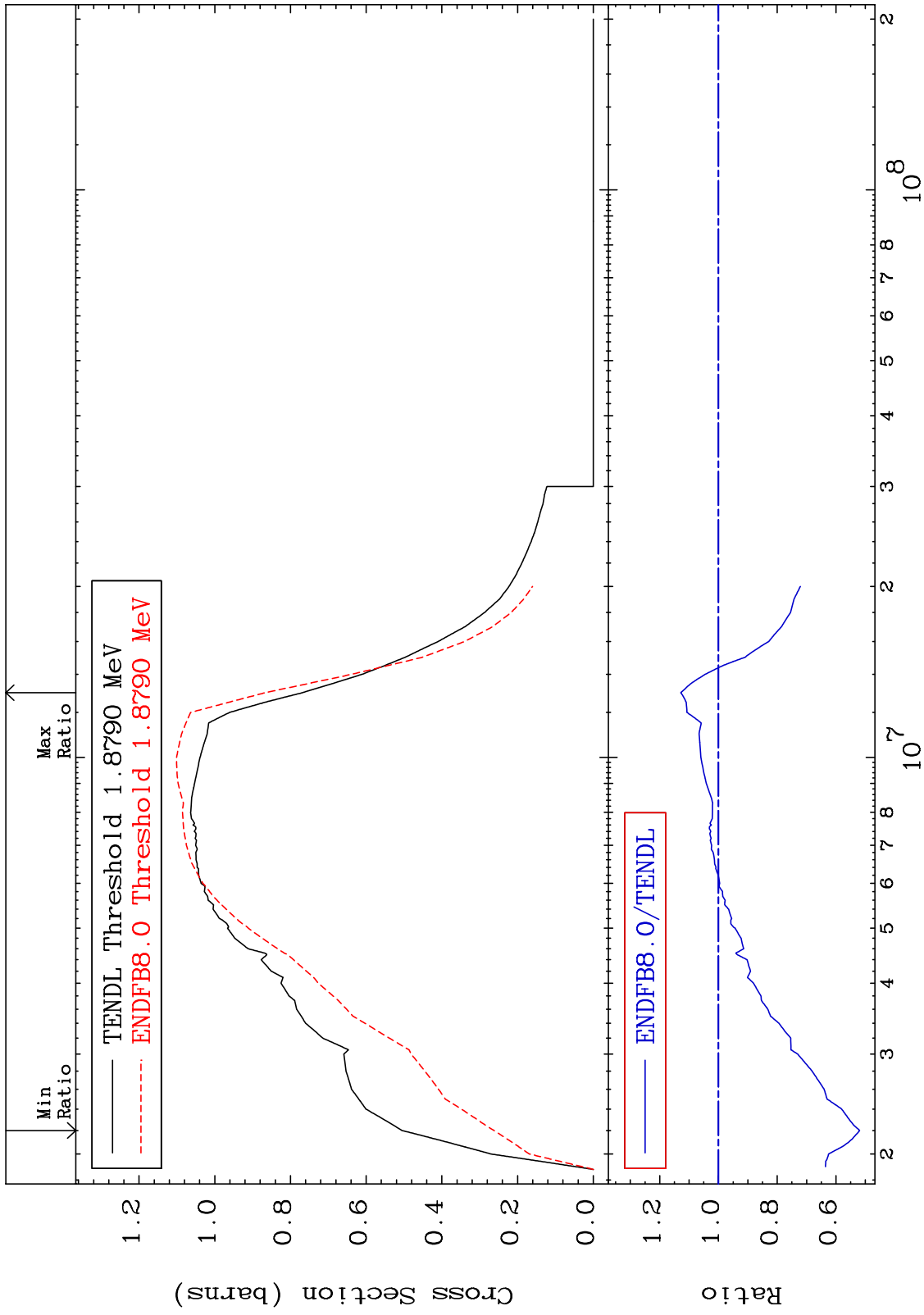


2

Incident Energy (eV)

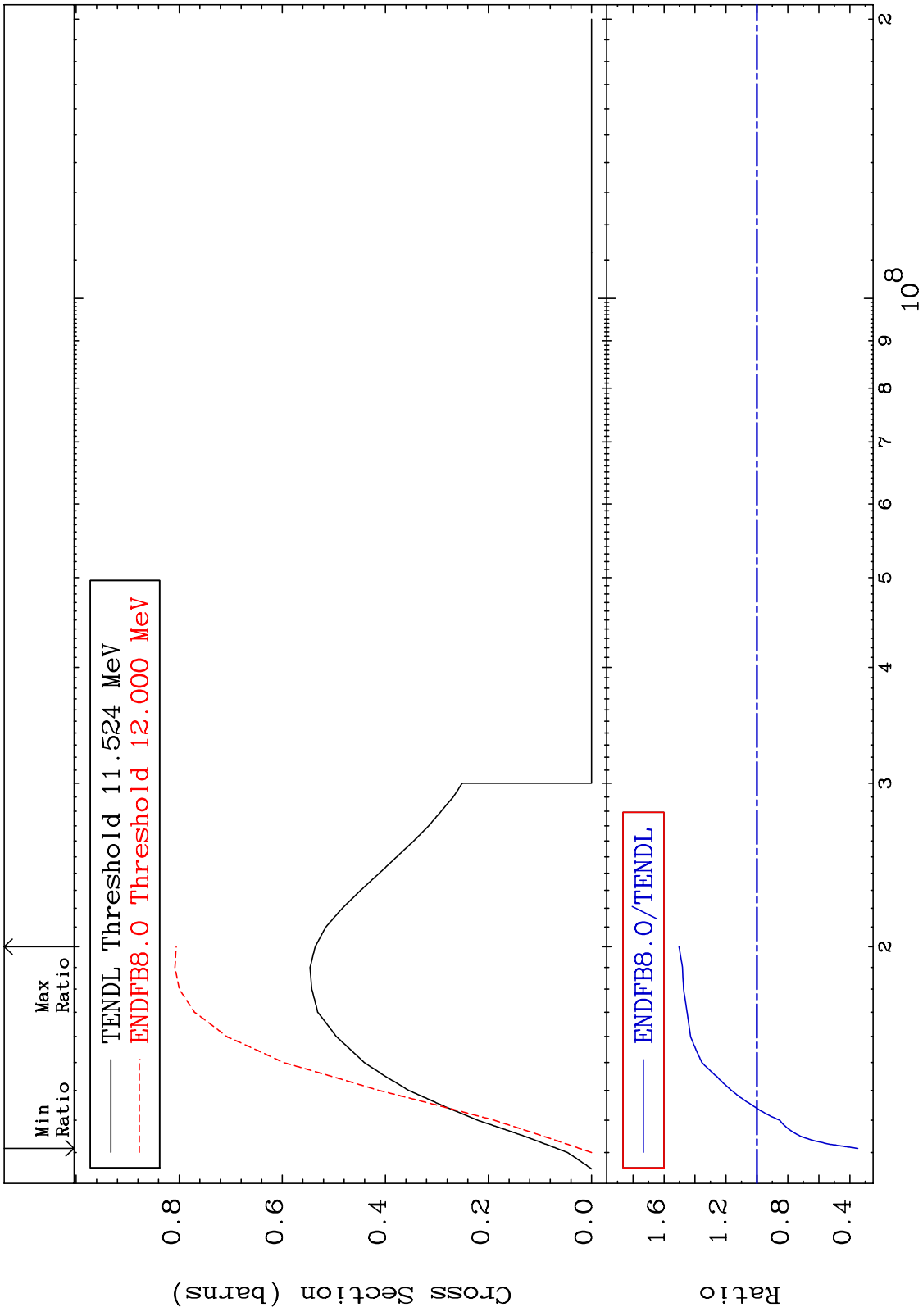
12-Mg-26

MAT 1231 Inelastic Cross Section 12-Mg-26 -48.06 To 12.81 %



3 12-Mg-26

MAT 1231 $(n,2n)$ Cross Section 12-Mg-26
 -65.18 To 50.29 %



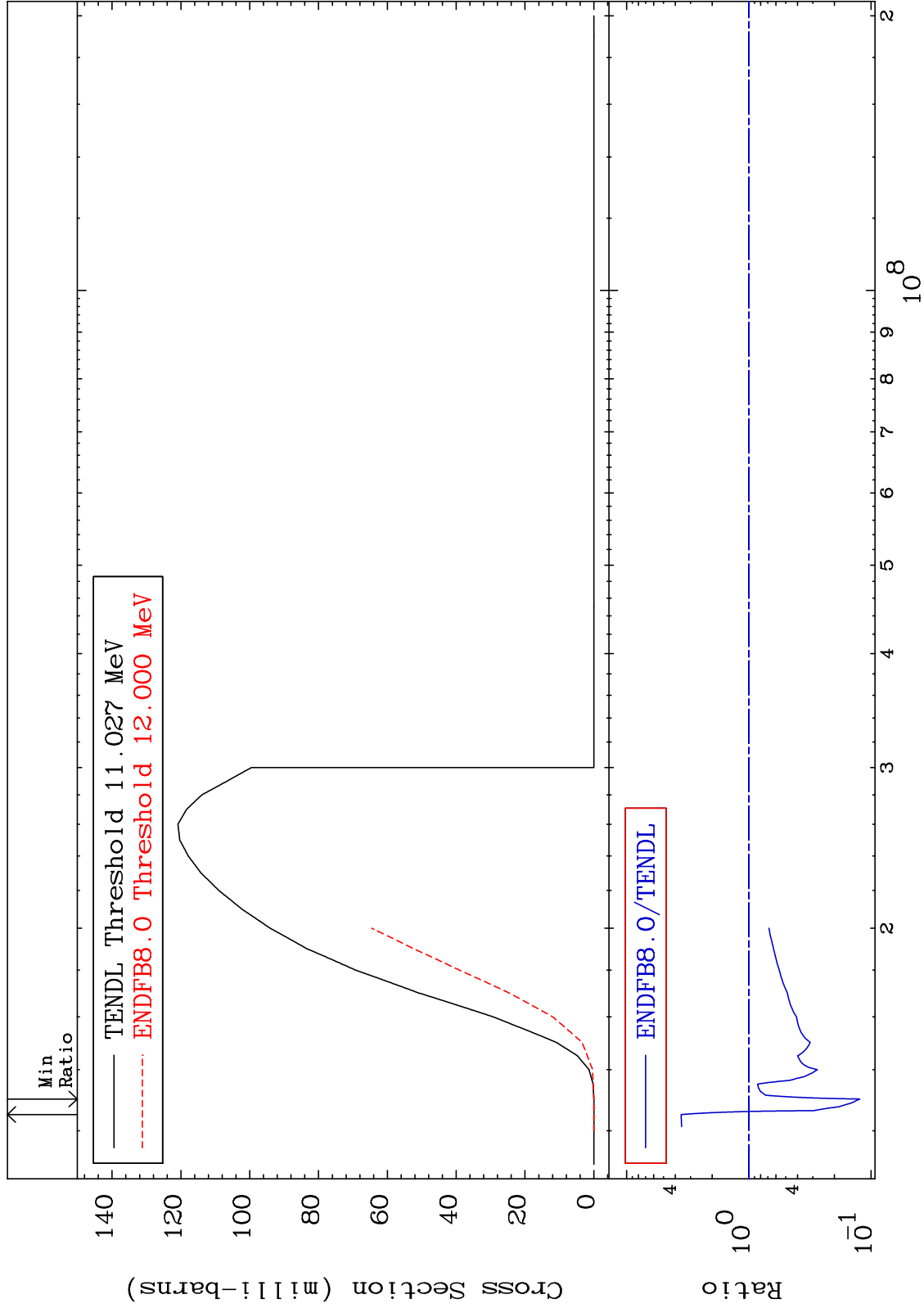
MAT 1231

(n,n') α

12-Mg-26

Cross Section

-87.62 To 257.4 %

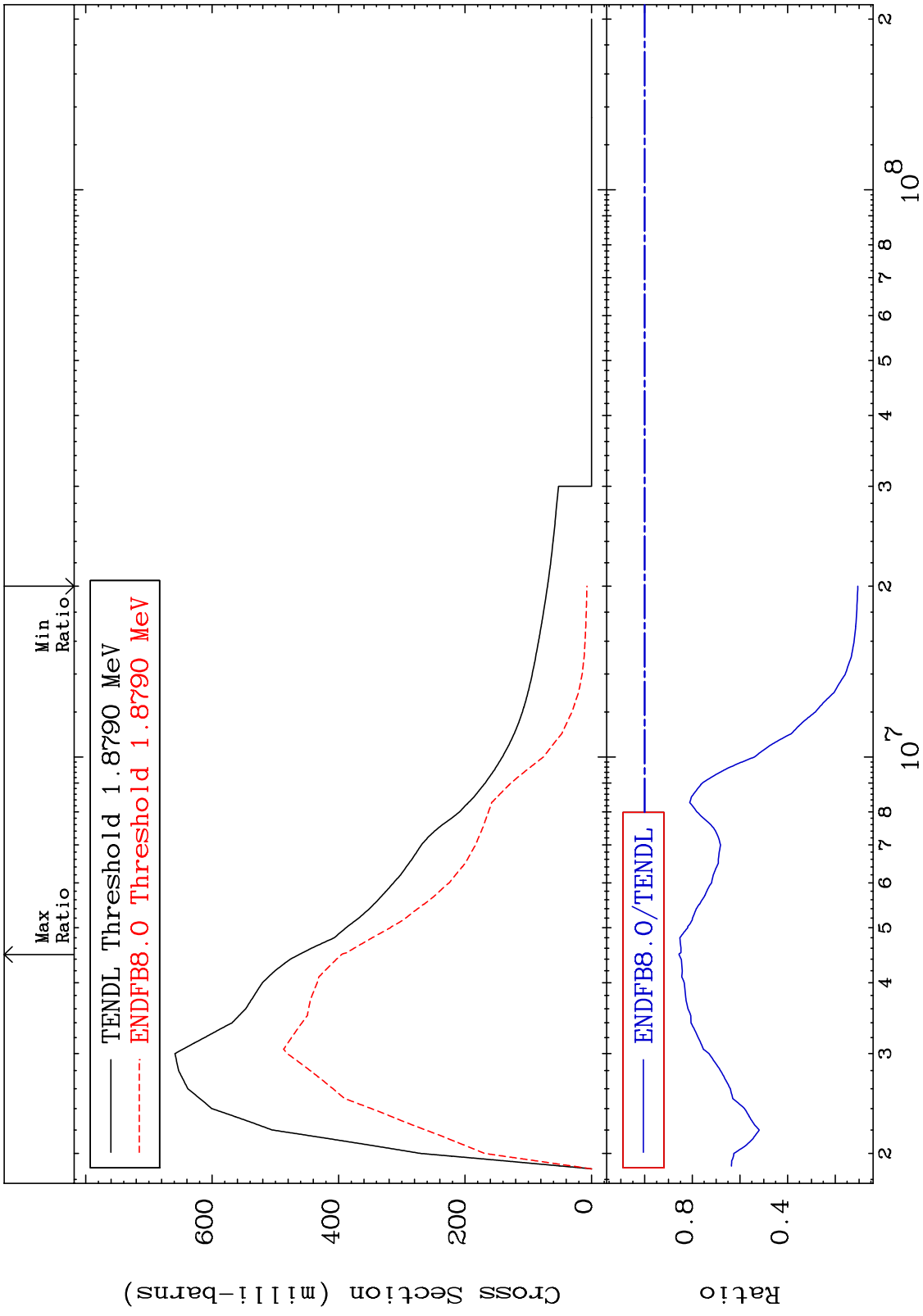


5

Incident Energy (eV)

12-Mg-26

MAT 1231 MT= 51 (n,n') Level Cross Section 12-Mg-26 -89.50 To -14.43%

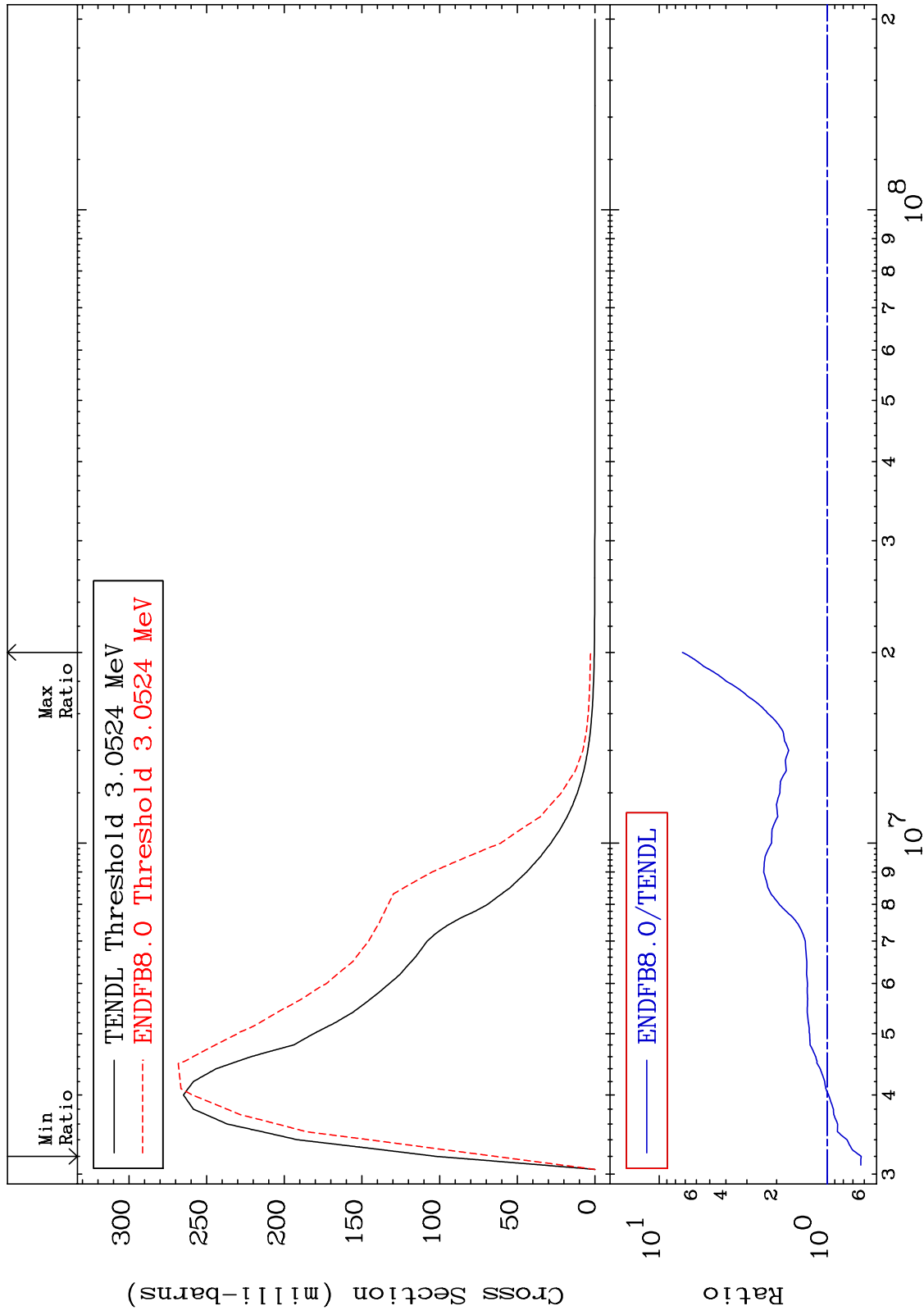


7 Incident Energy (eV) 12-Mg-26

MAT 1231

MT= 52 (n,n') Level
Cross Section

12-Mg-26
-37.49 To 626.9 %



8

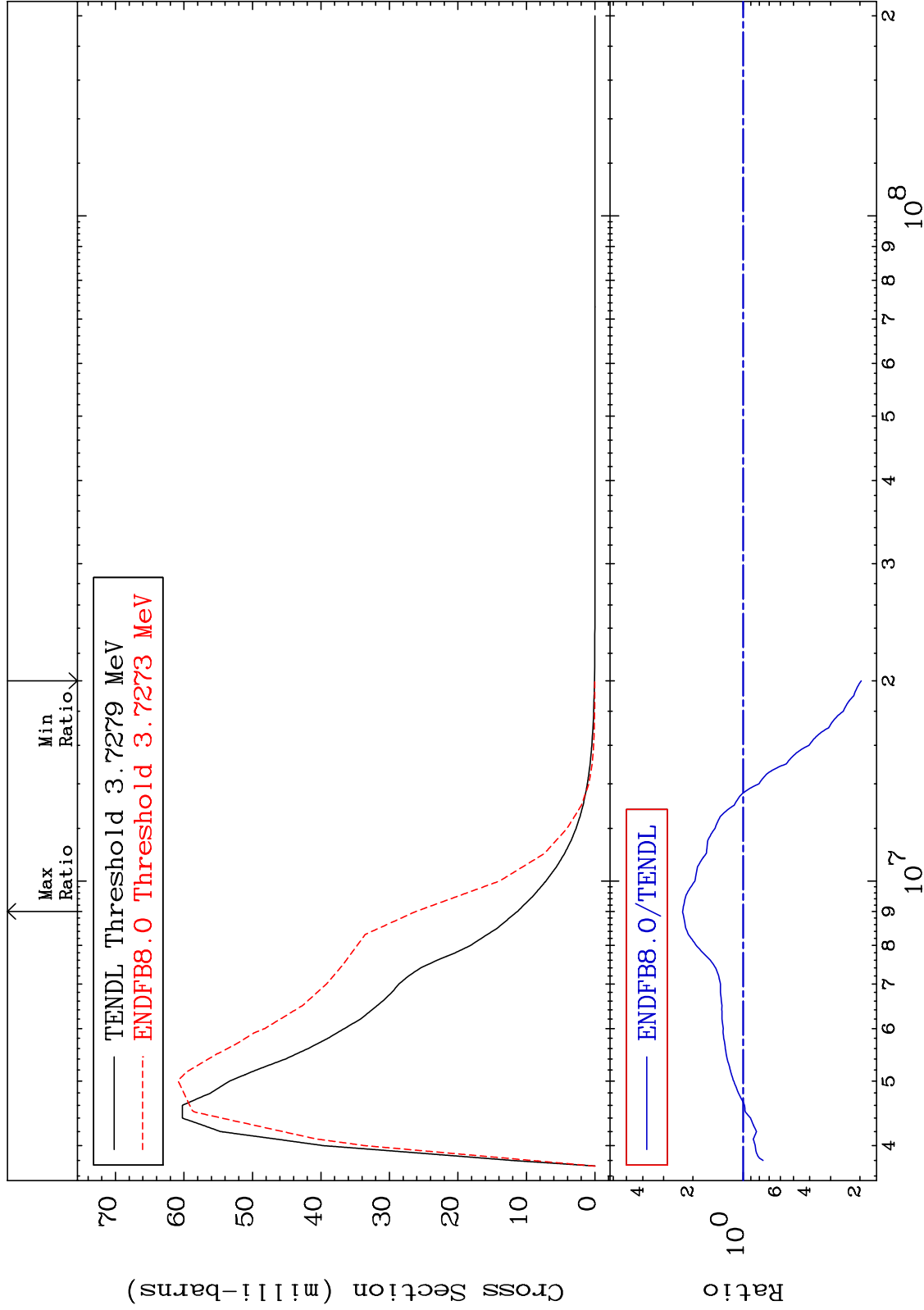
Incident Energy (eV)

12-Mg-26

MAT 1231

MT= 53 (n,n') Level
Cross Section

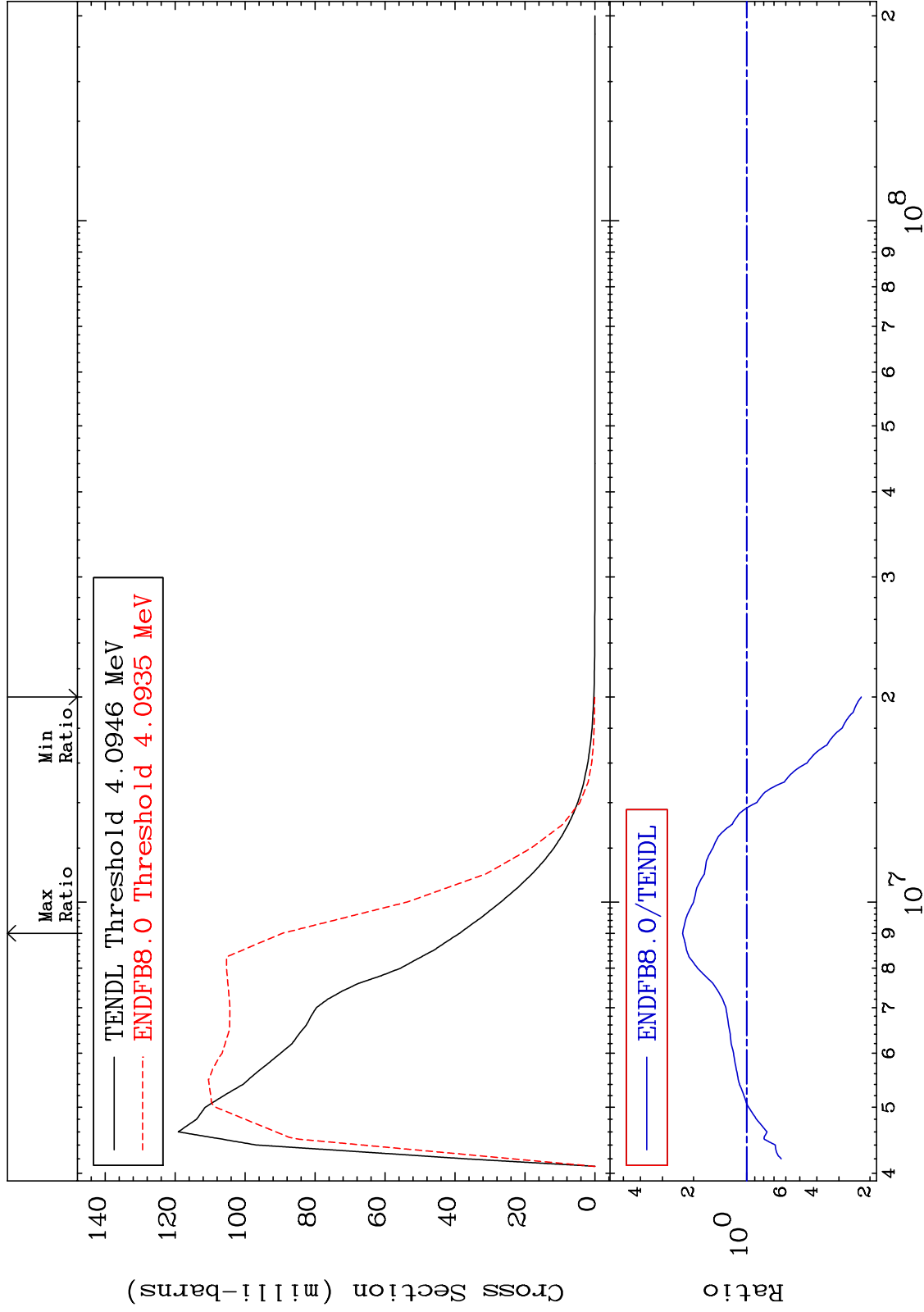
12-Mg-26
-80.35 To 131.3 %



MAT 1231

MT= 54 (n,n') Level
Cross Section

12-Mg-26
-77.61 To 130.9 %

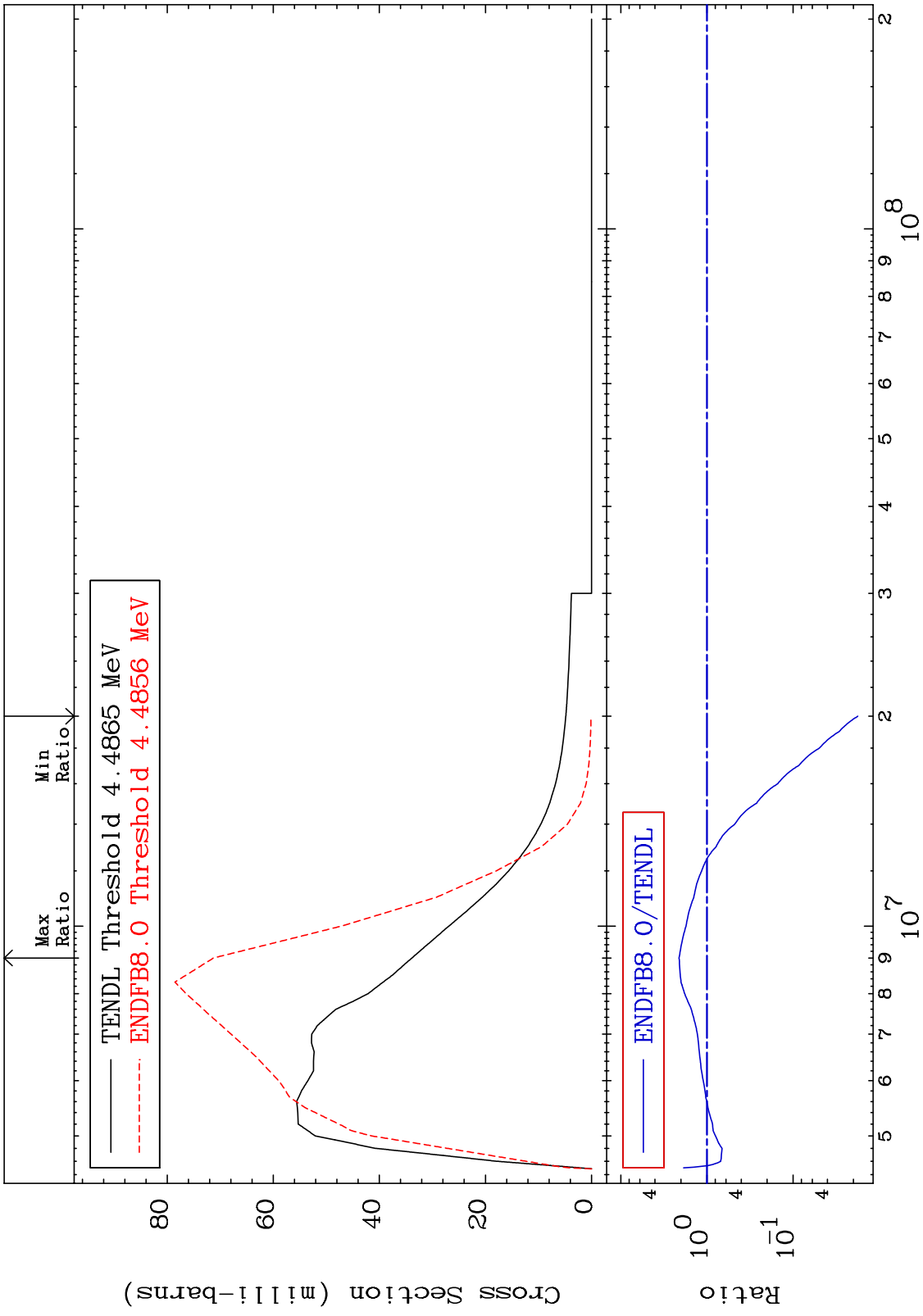


10

12-Mg-26

12-Mg-26

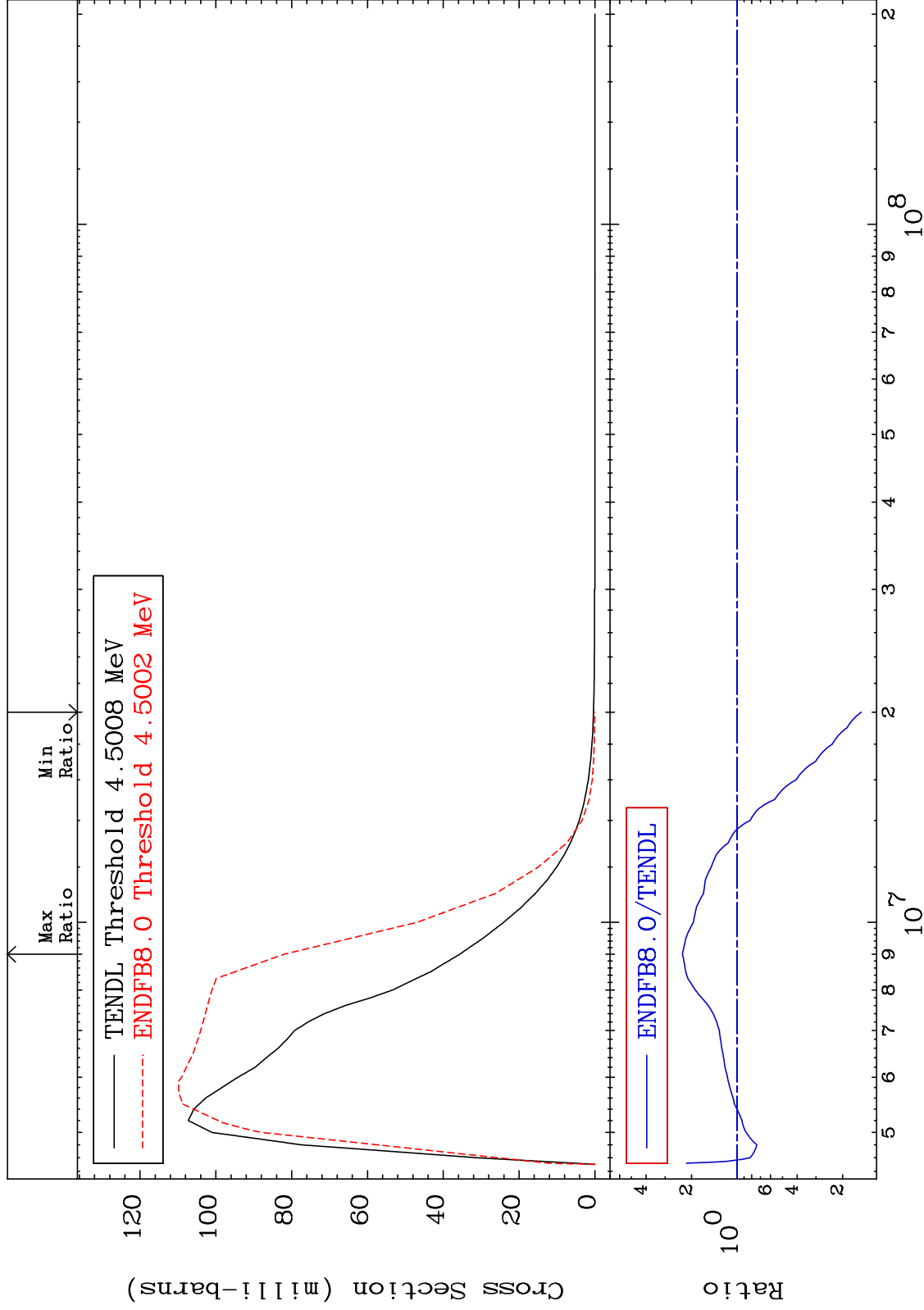
MAT 1231 MT= 55 (n,n') Level Cross Section 12-Mg-26
 -98.23 To 110.6 %



MAT 1231

MT= 56 (n,n') Level
Cross Section

12-Mg-26
-84.94 To 130.1 %

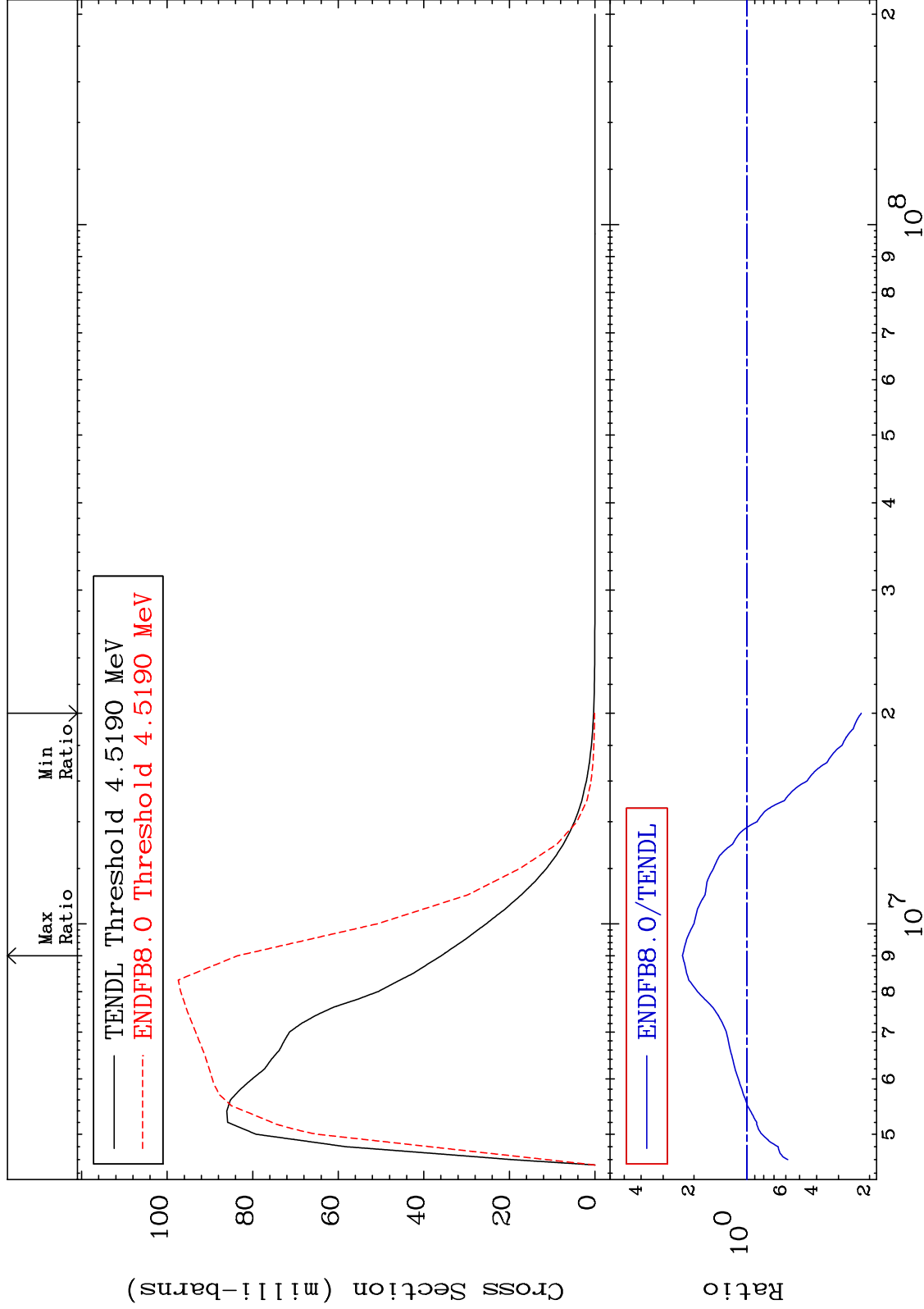


12

MAT 1231

MT= 57 (n,n') Level
Cross Section

12-Mg-26
-77.74 To 132.6 %



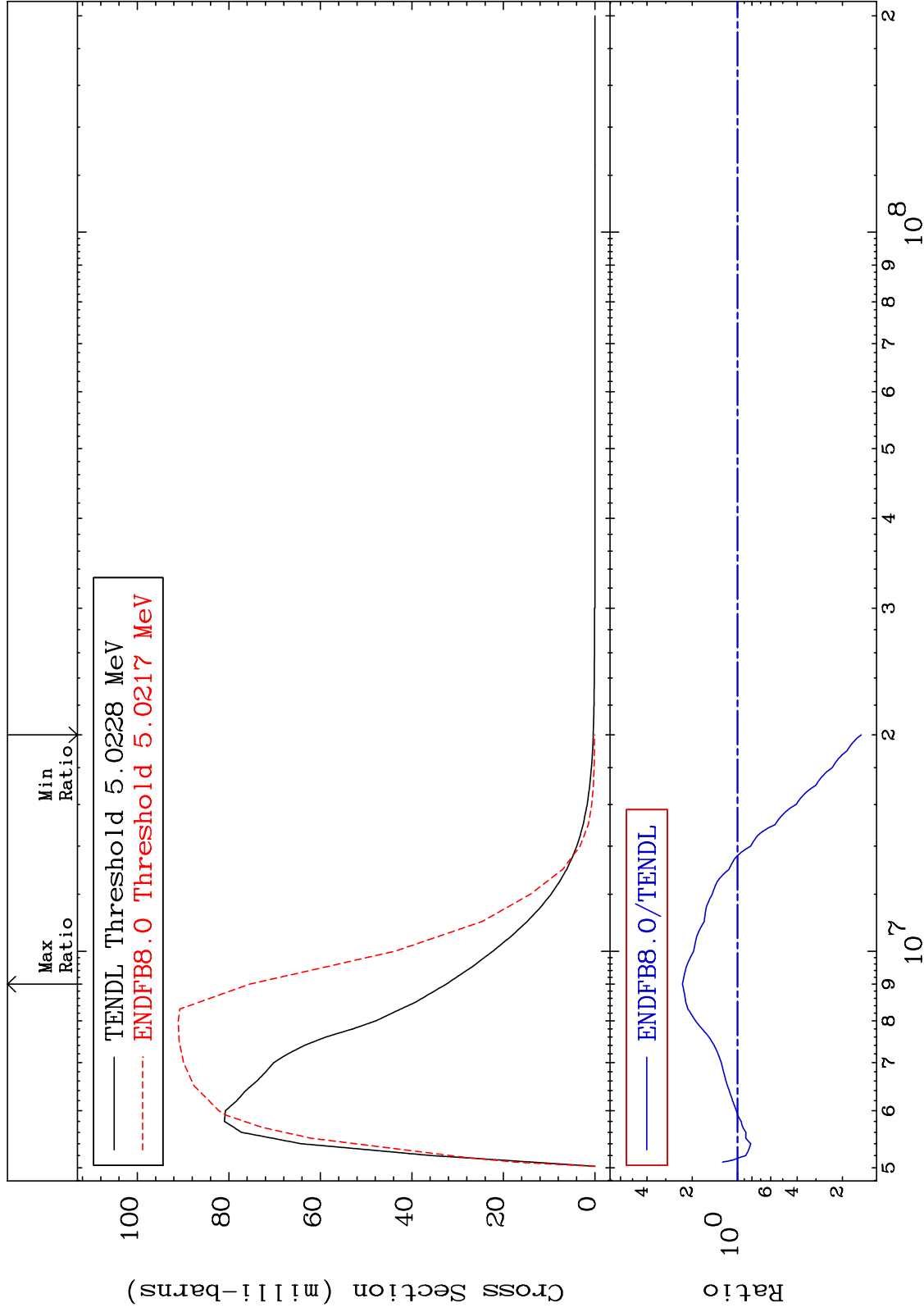
13

12-Mg-26

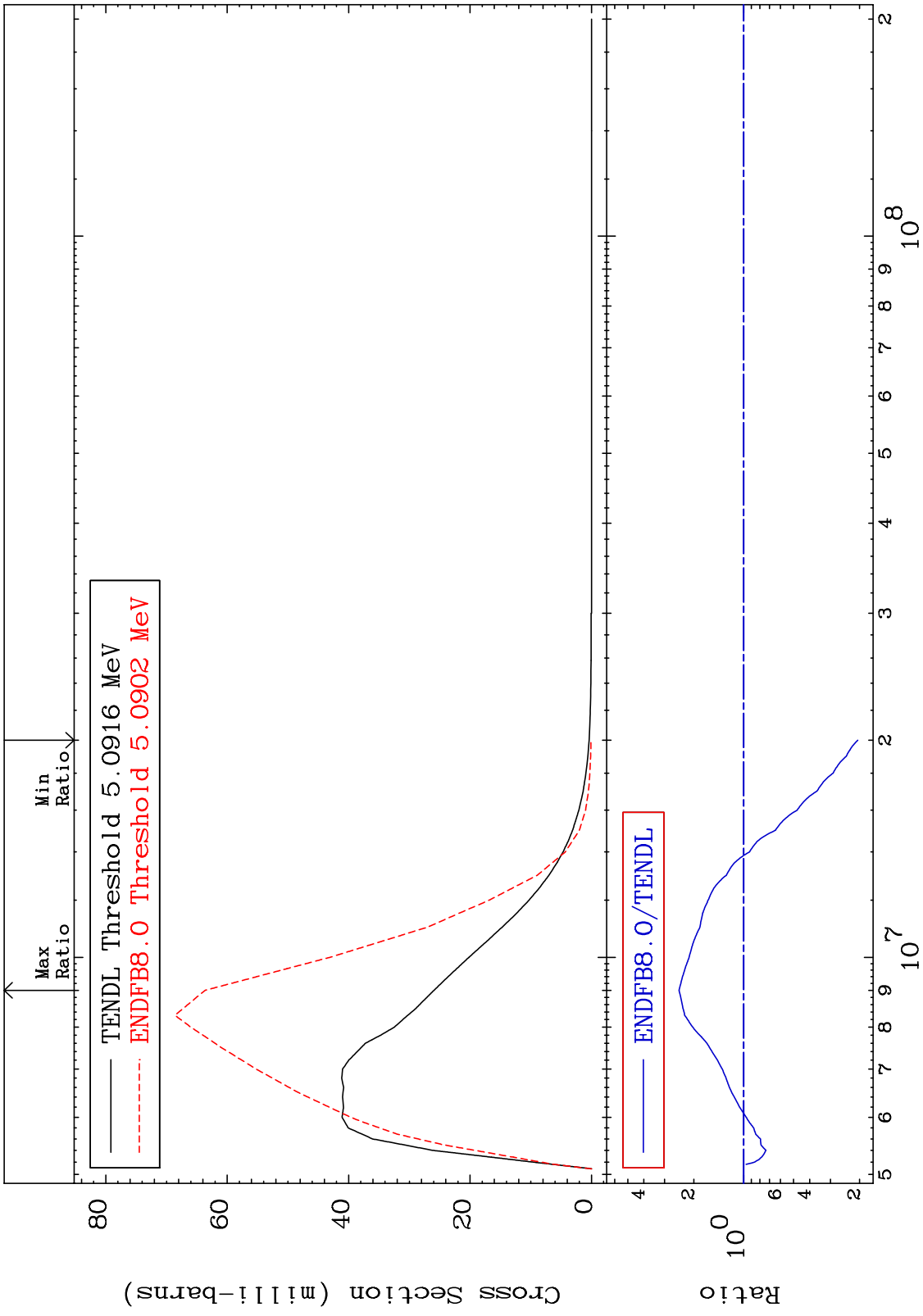
MAT 1231

MT= 58 (n,n') Level
Cross Section

12-Mg-26
-85.01 To 132.3 %



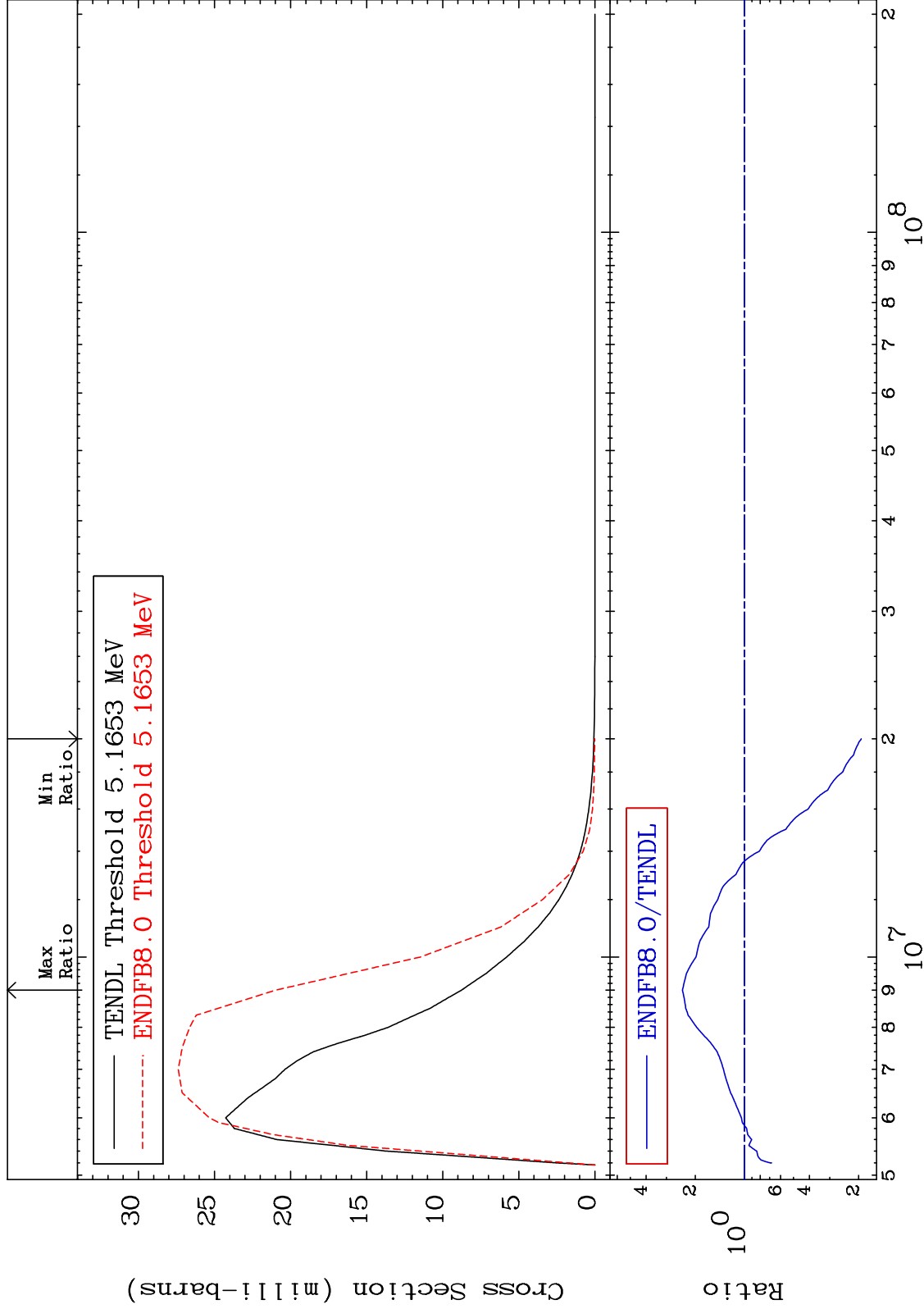
MAT 1231 MT= 59 (n,n') Level Cross Section 12-Mg-26
 -79.50 To 145.4 %



MAT 1231

MT= 60 (n,n') Level
Cross Section

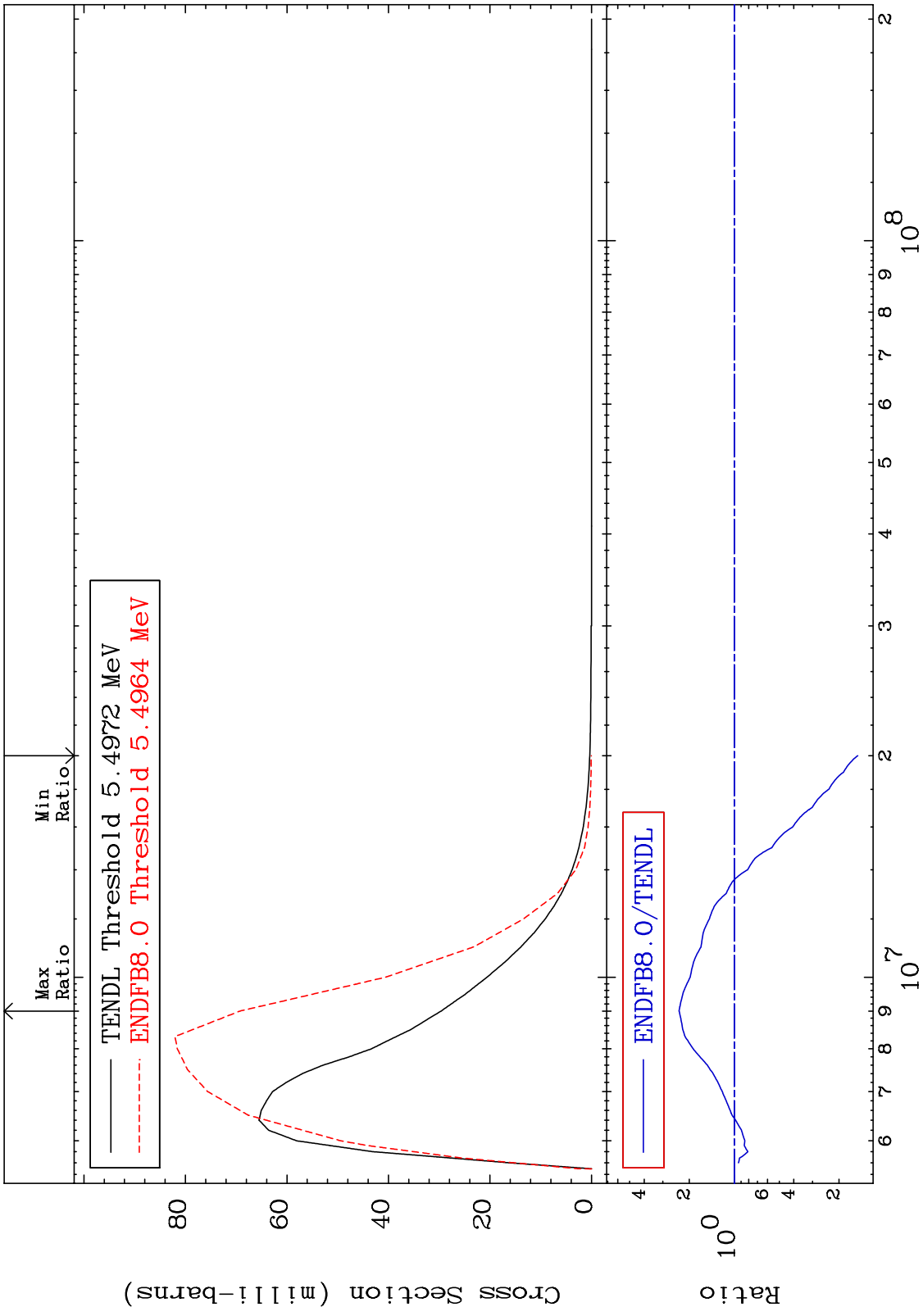
12-Mg-26
-80.76 To 139.5 %



16

12-Mg-26

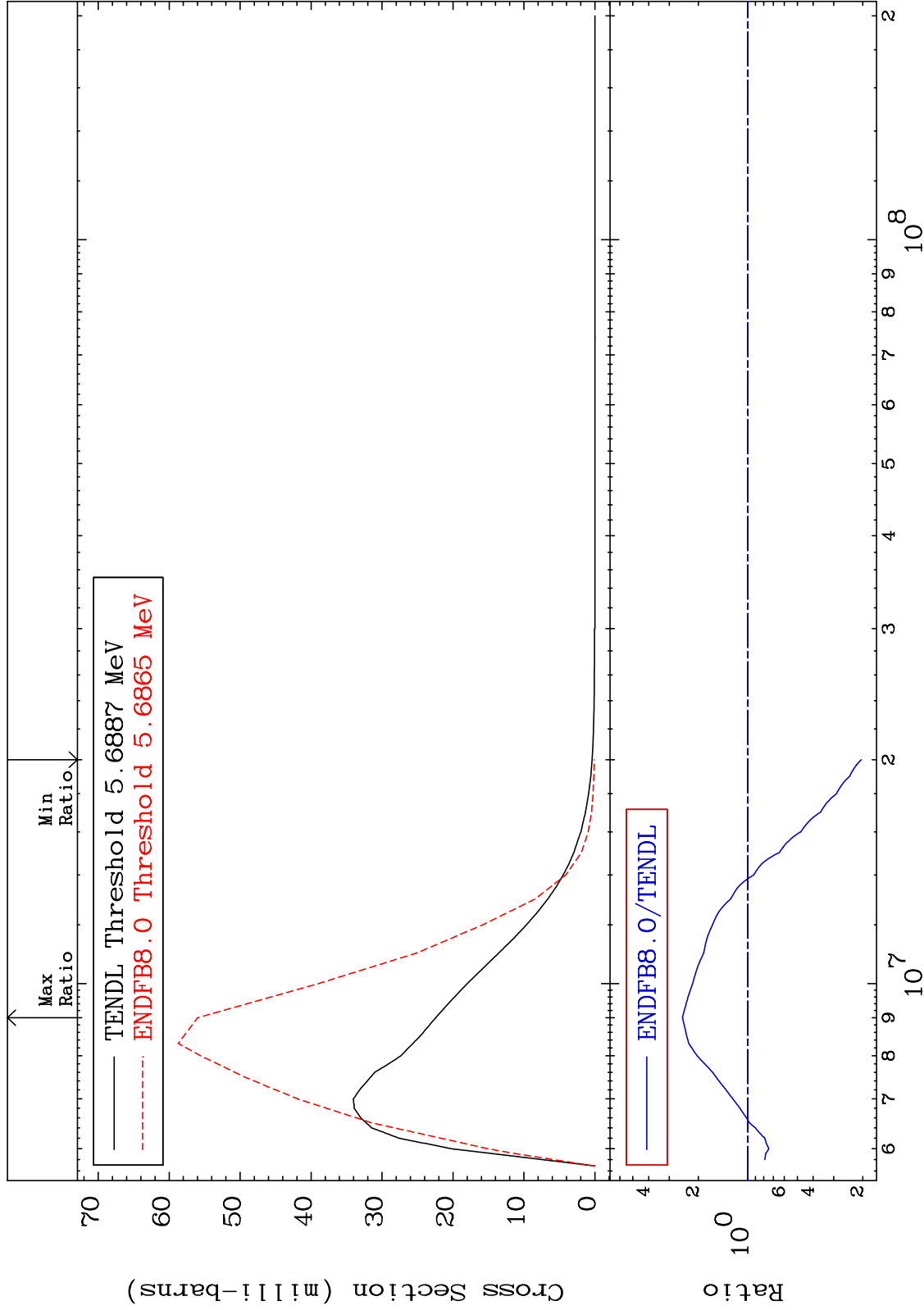
MAT 1231 MT= 61 (n,n') Level Cross Section 12-Mg-26
 -85.05 To 133.7 %



MAT 1231

MT= 62 (n,n') Level
Cross Section

12-Mg-26
-79.59 To 149.6 %



18

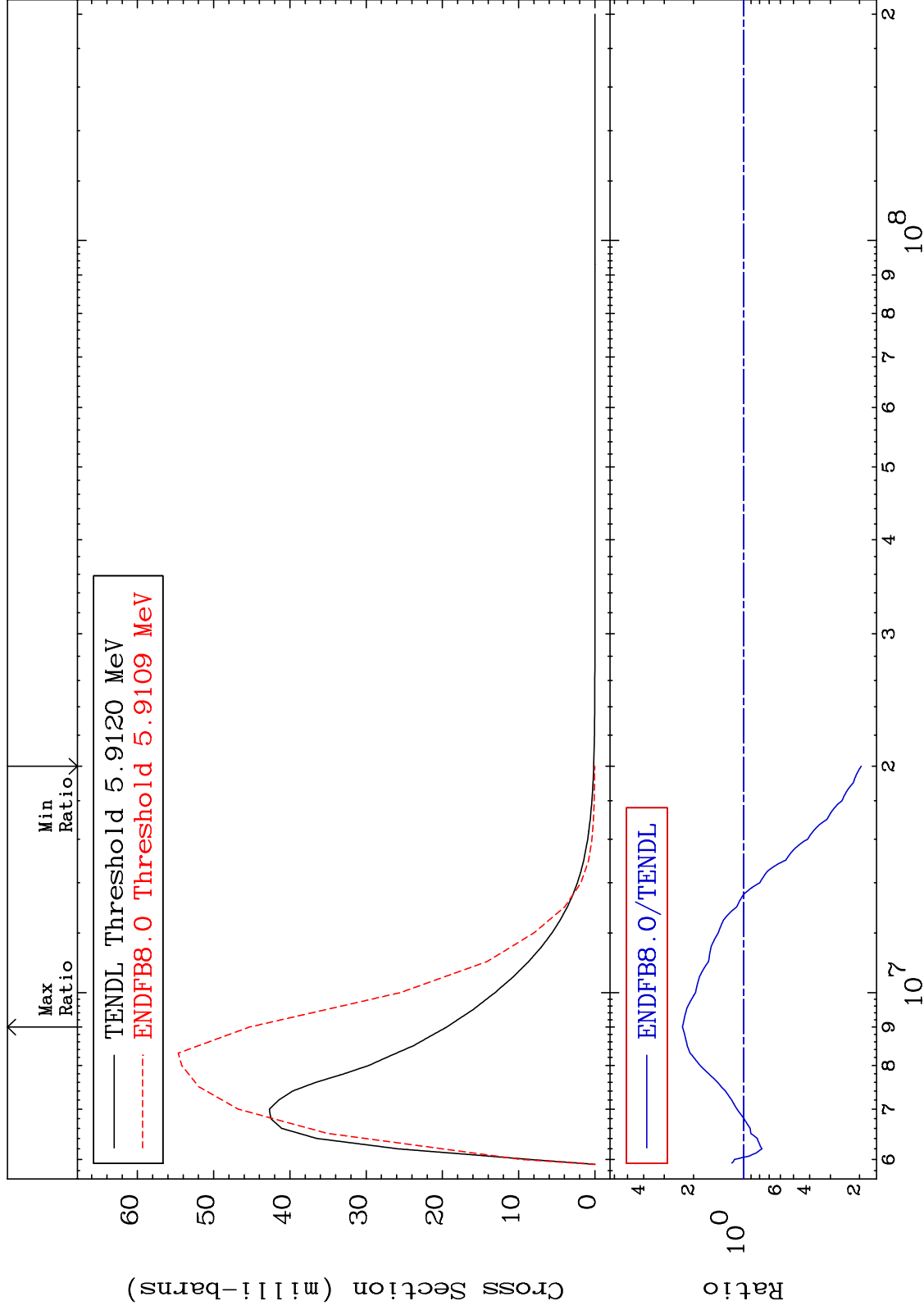
Incident Energy (eV)

12-Mg-26

MAT 1231

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

12-Mg-26
-80.48 To 133.4 %



19

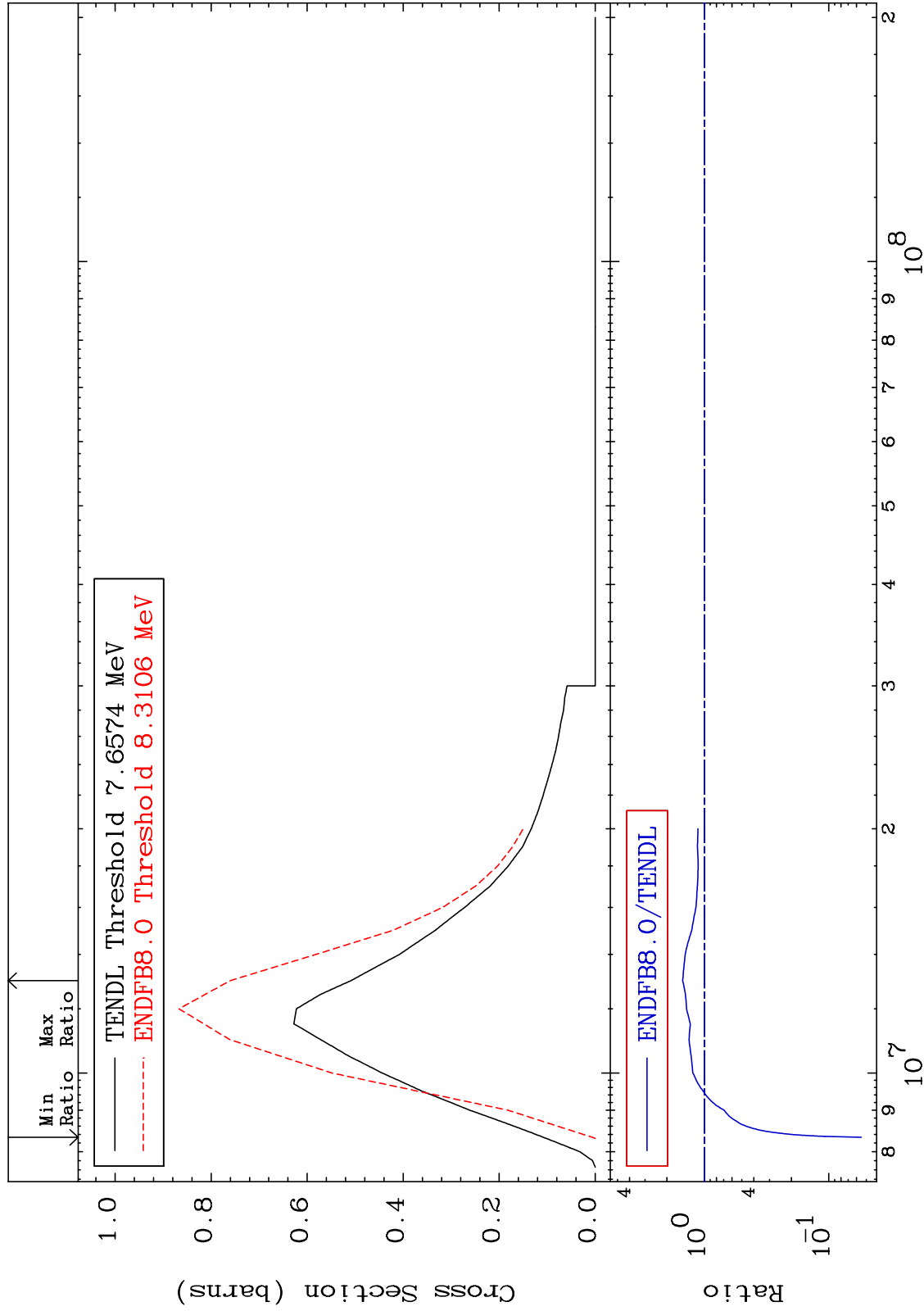
Incident Energy (eV)

12-Mg-26

MAT 1231

(n,n') Continuum
Cross Section

12-Mg-26
-94.52 To 49.49 %



20

12-Mg-26

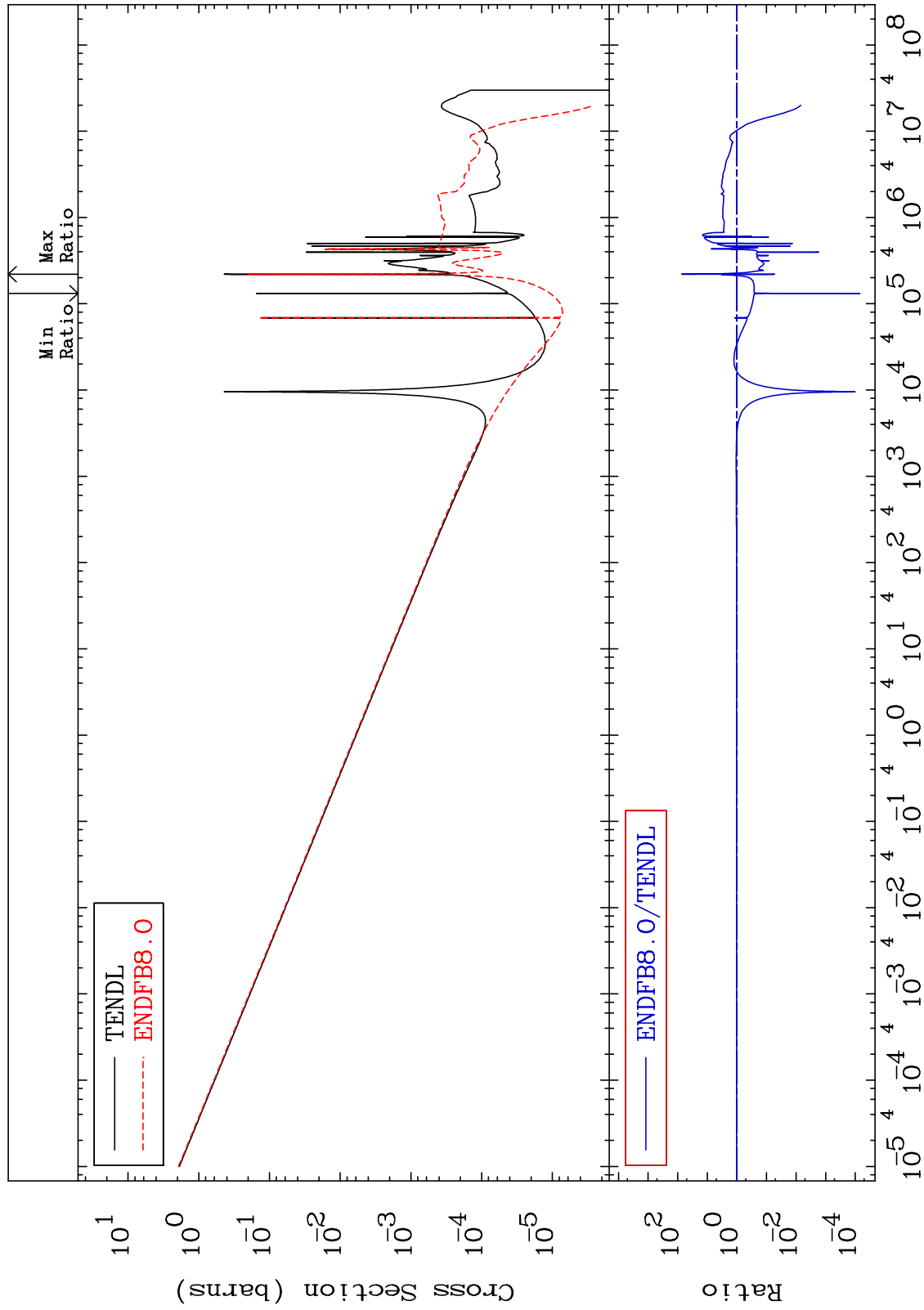
MAT 1231

(n, γ)

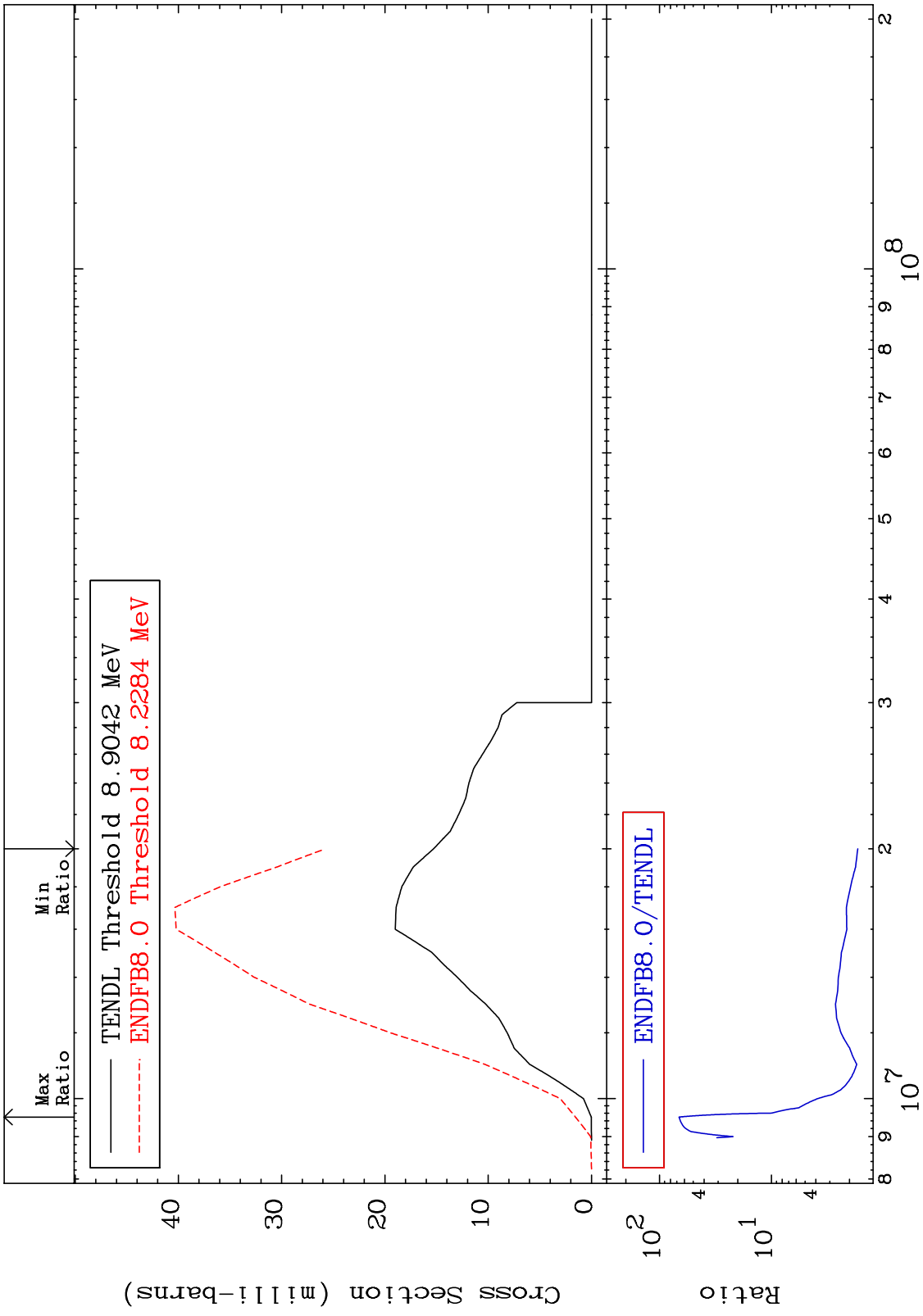
12-Mg-26

Cross Section

-99.99 To 7363. %

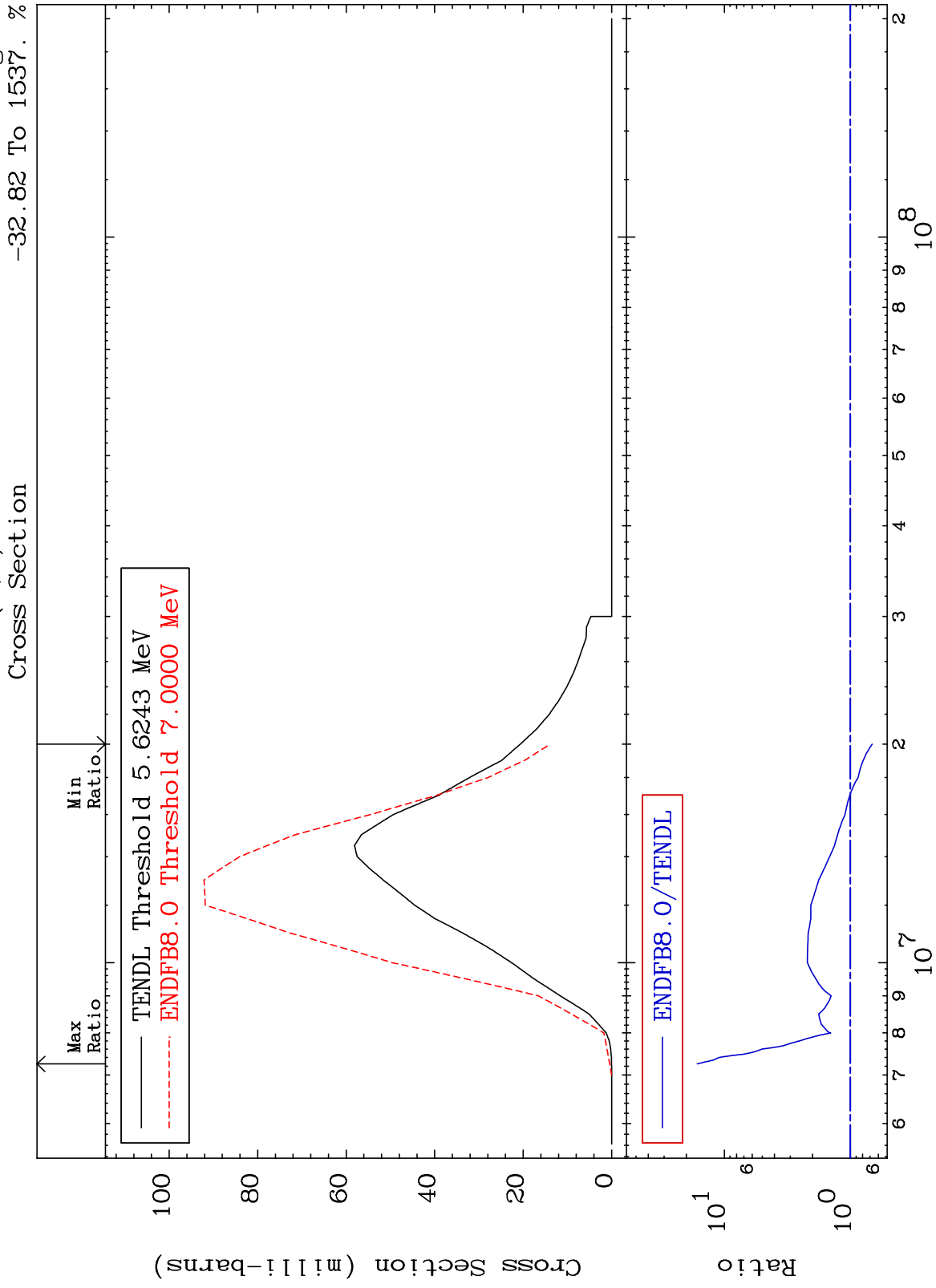


MAT 1231 (n,p) Cross Section 12-Mg-26 68.45 To 6592. %



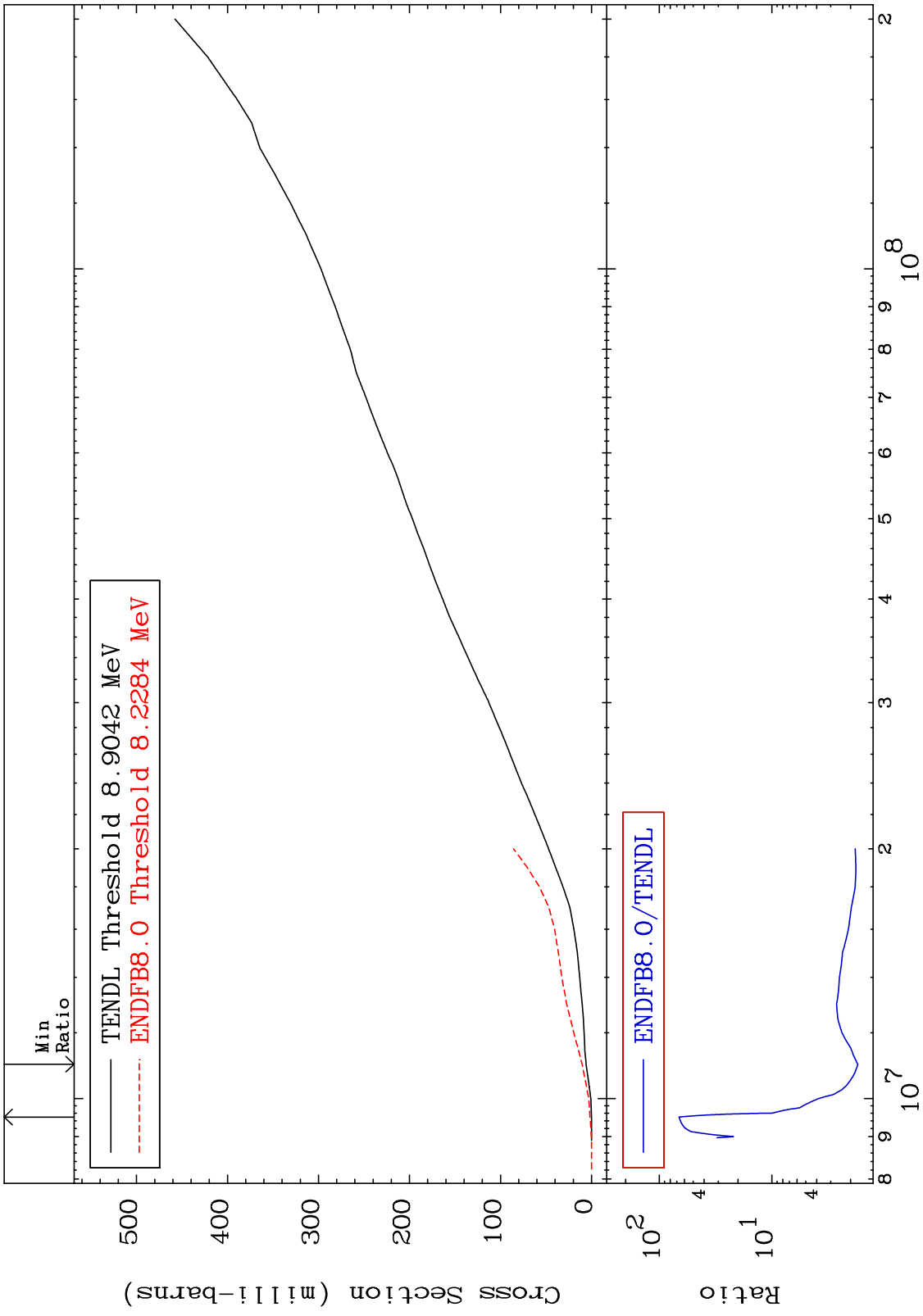
22 Incident Energy (eV) 12-Mg-26

MAT 1231 (n, α) 12-Mg-26 -32.82 To 1537. %

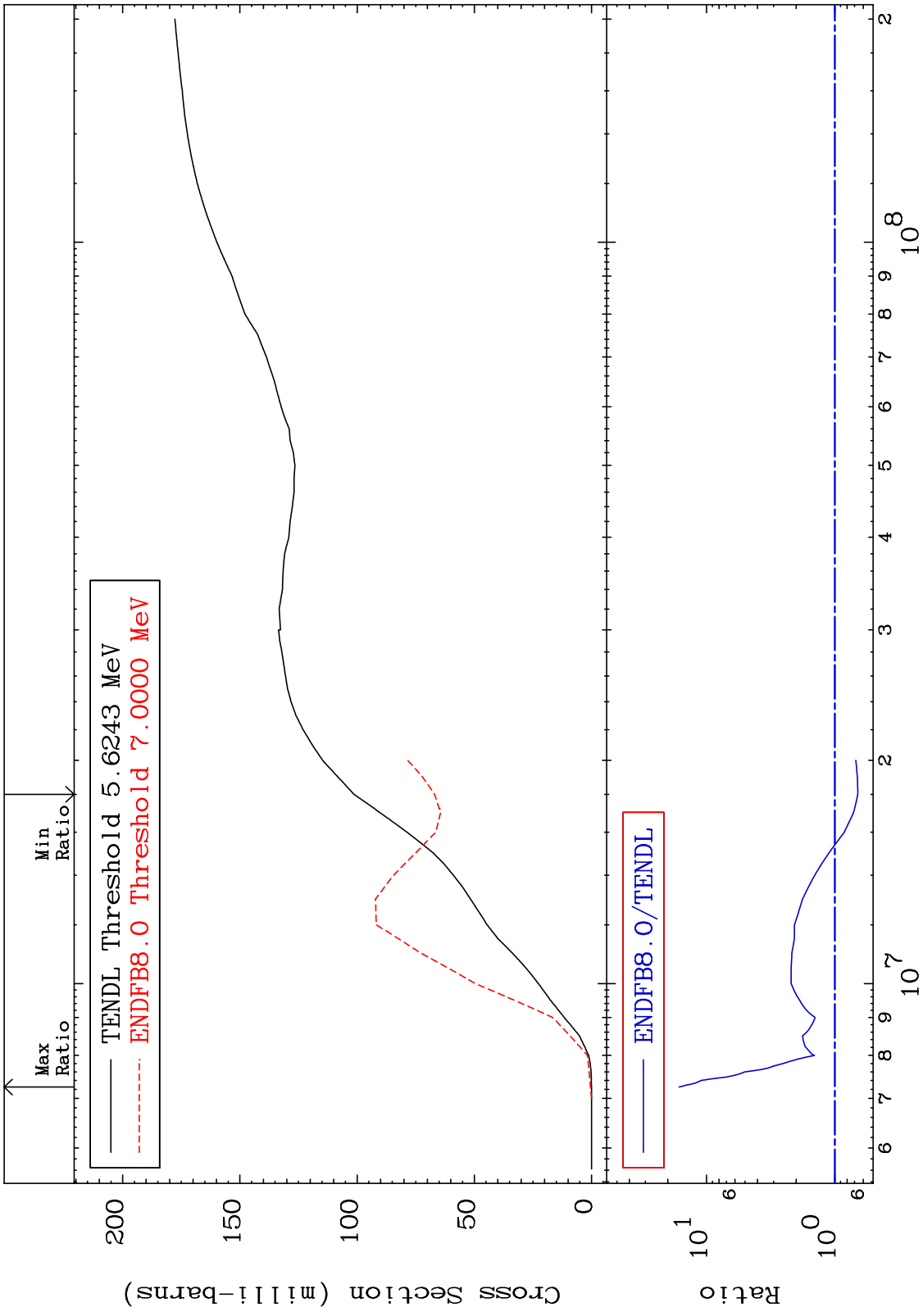


12-Mg-26

Incident Energy (eV)

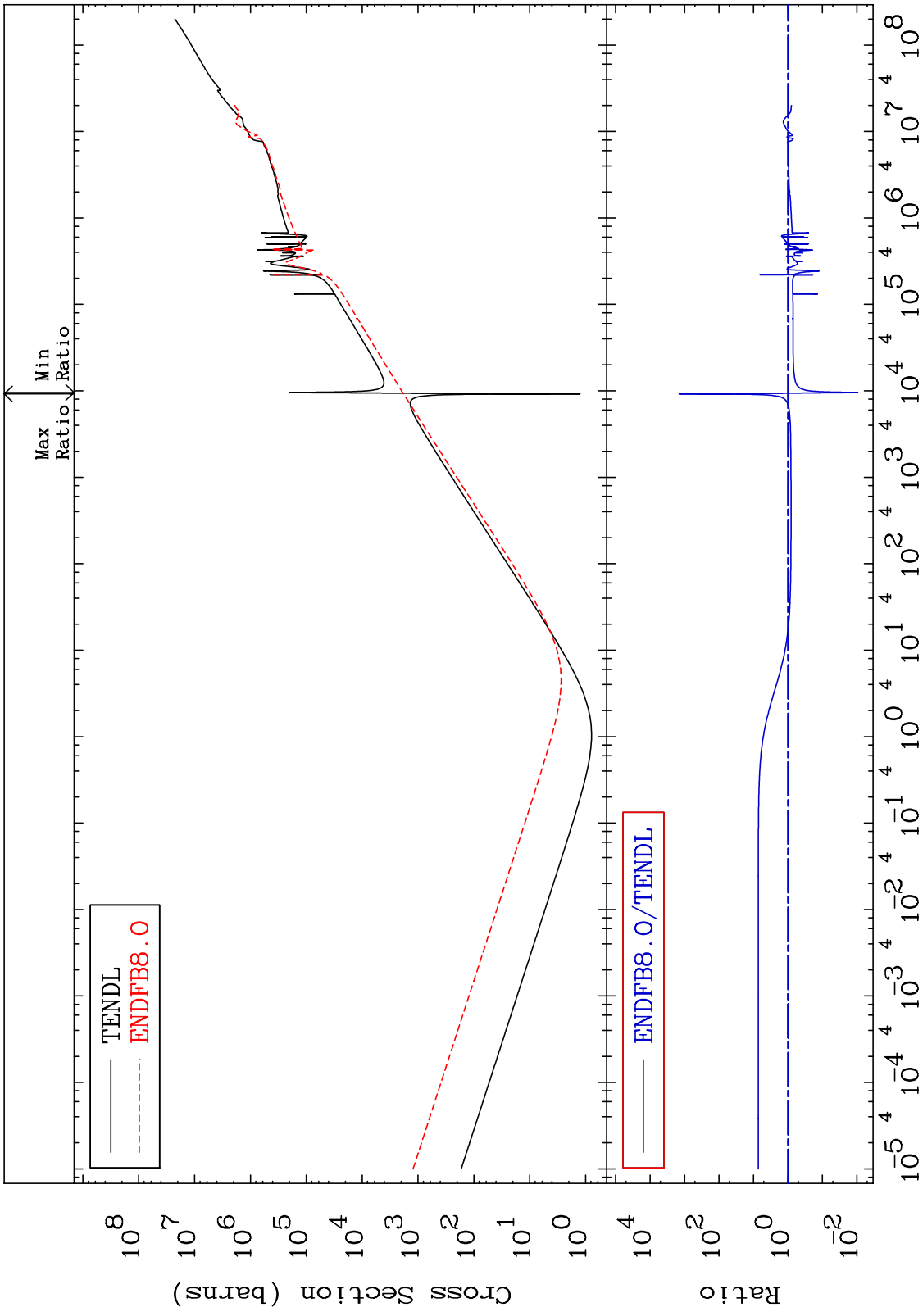


MAT 1231 He-4 Production Cross Section 12-Mg-26
 -33.94 To 1537. %



25 12-Mg-26 Incident Energy (eV)

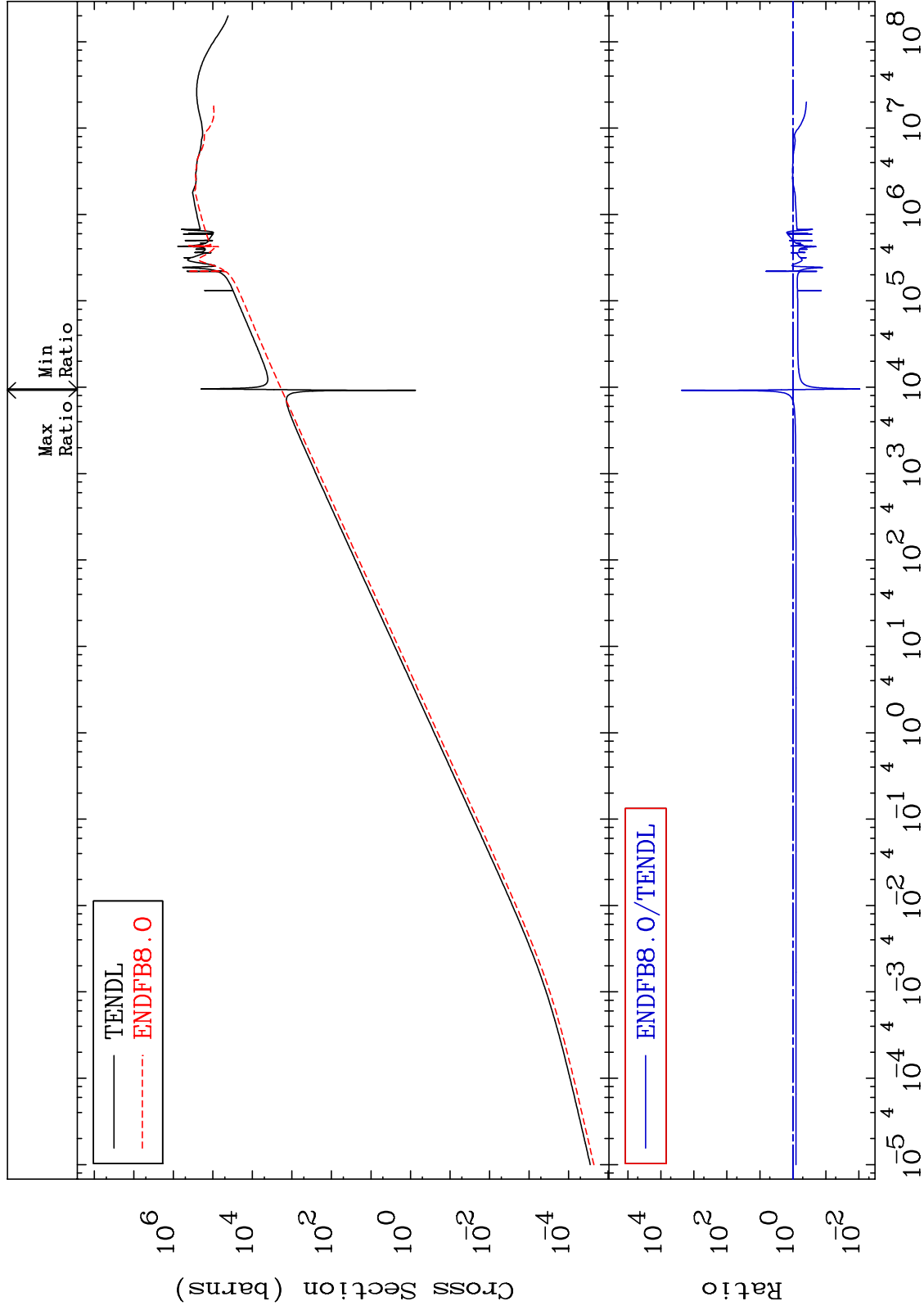
MAT 1231 Kerma total (eV-barns) 12-Mg-26
 Cross Section -99.06 To 9999. %



MAT 1231

Kerma elastic
Cross Section

12-Mg-26
-99.06 To 9999. %



27

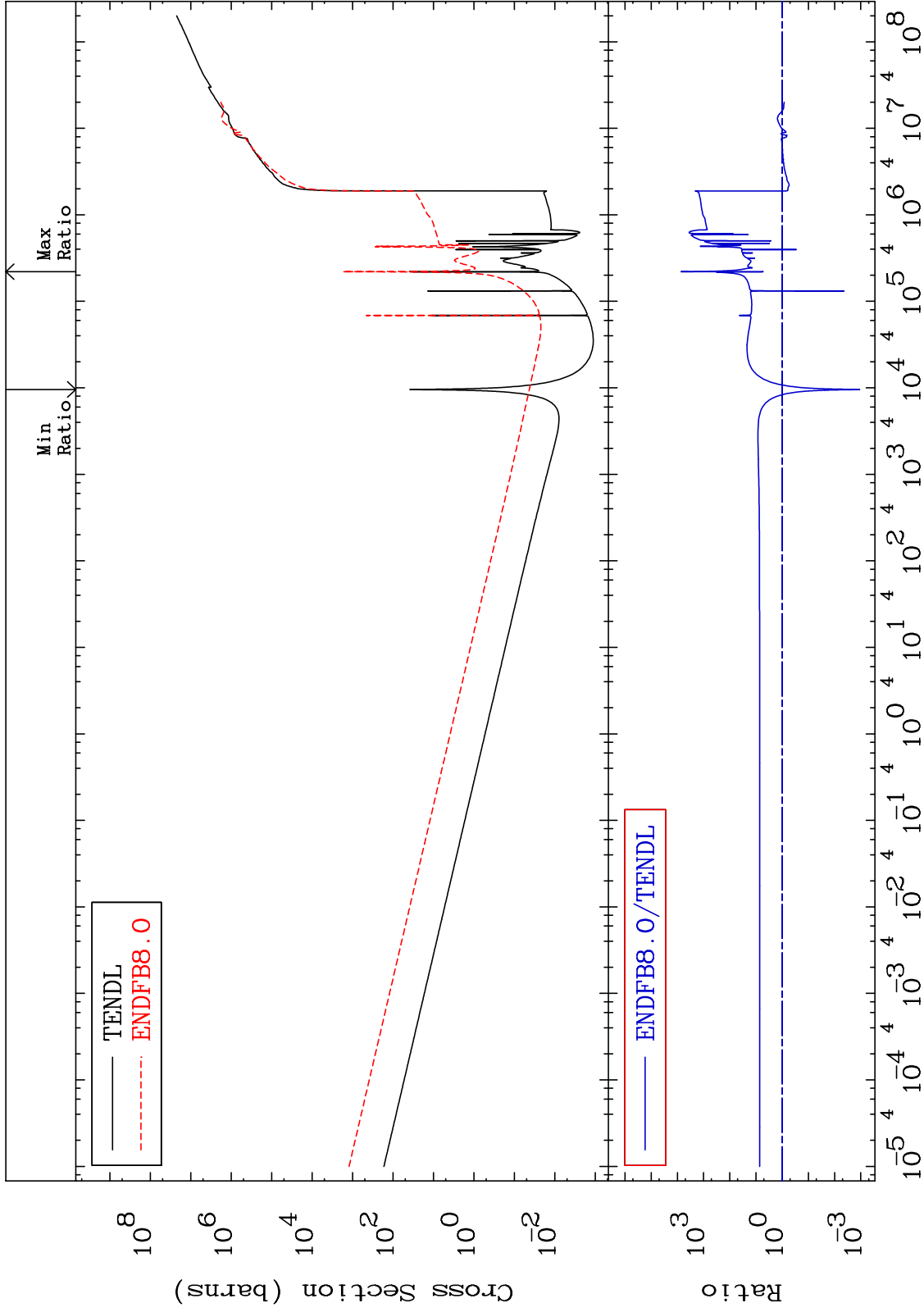
Incident Energy (eV)

12-Mg-26

MAT 1231

Kerma non-elastic (all but mt.2)
Cross Section

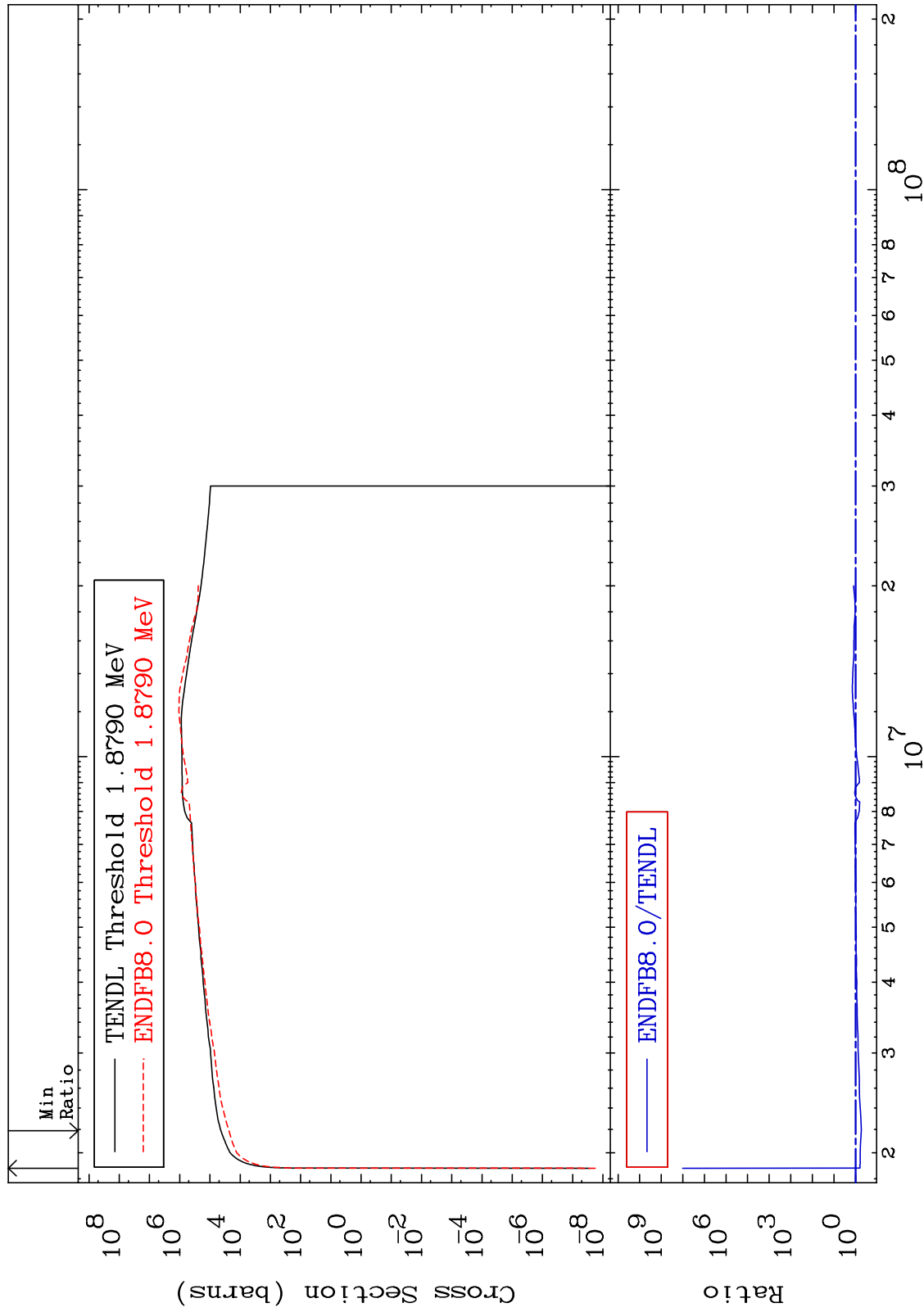
12-Mg-26
-99.89 To 9999. %



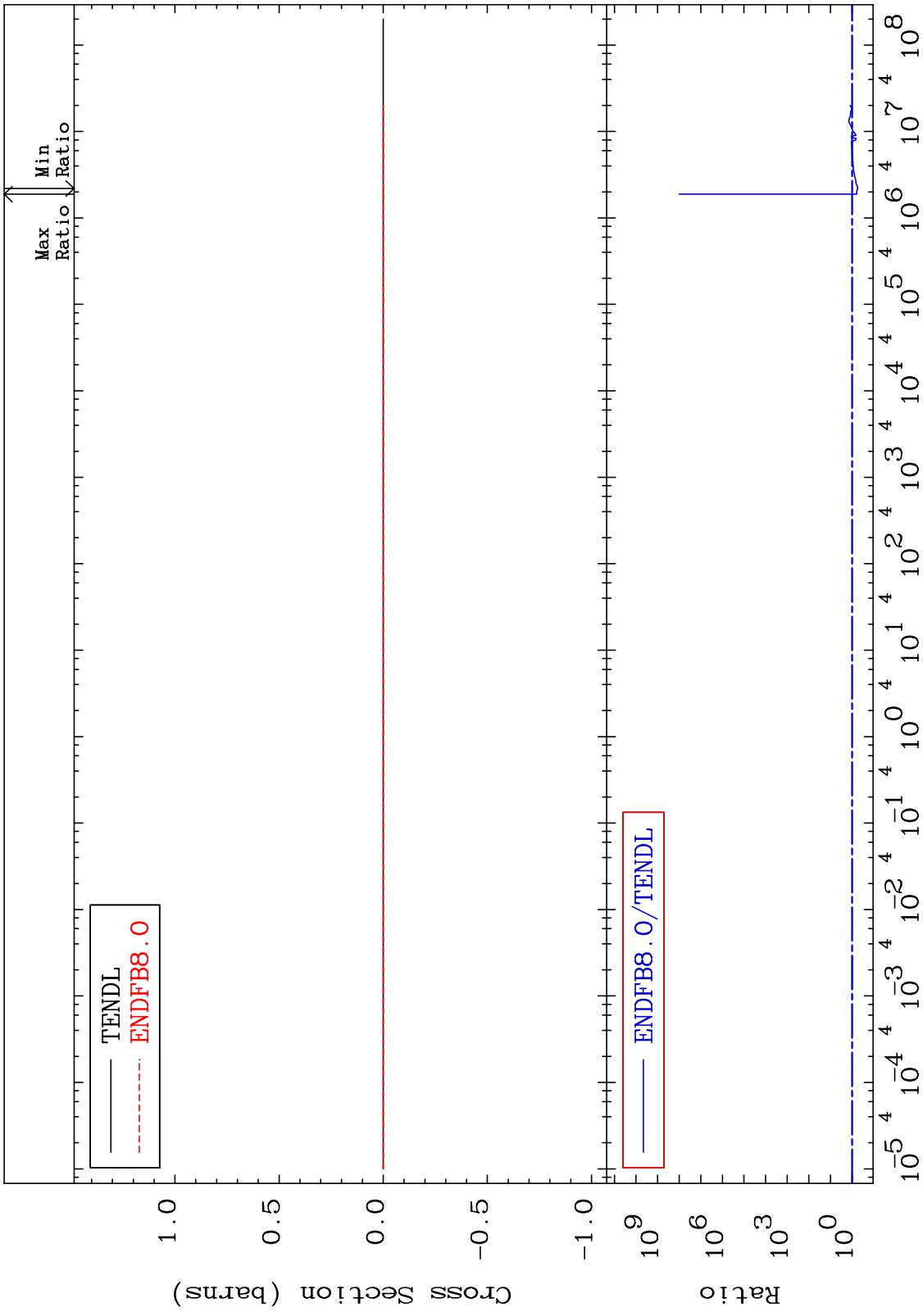
MAT 1231

Kerma inelastic (mt51-91)
Cross Section

12-Mg-26
-46.31 To 9999. %



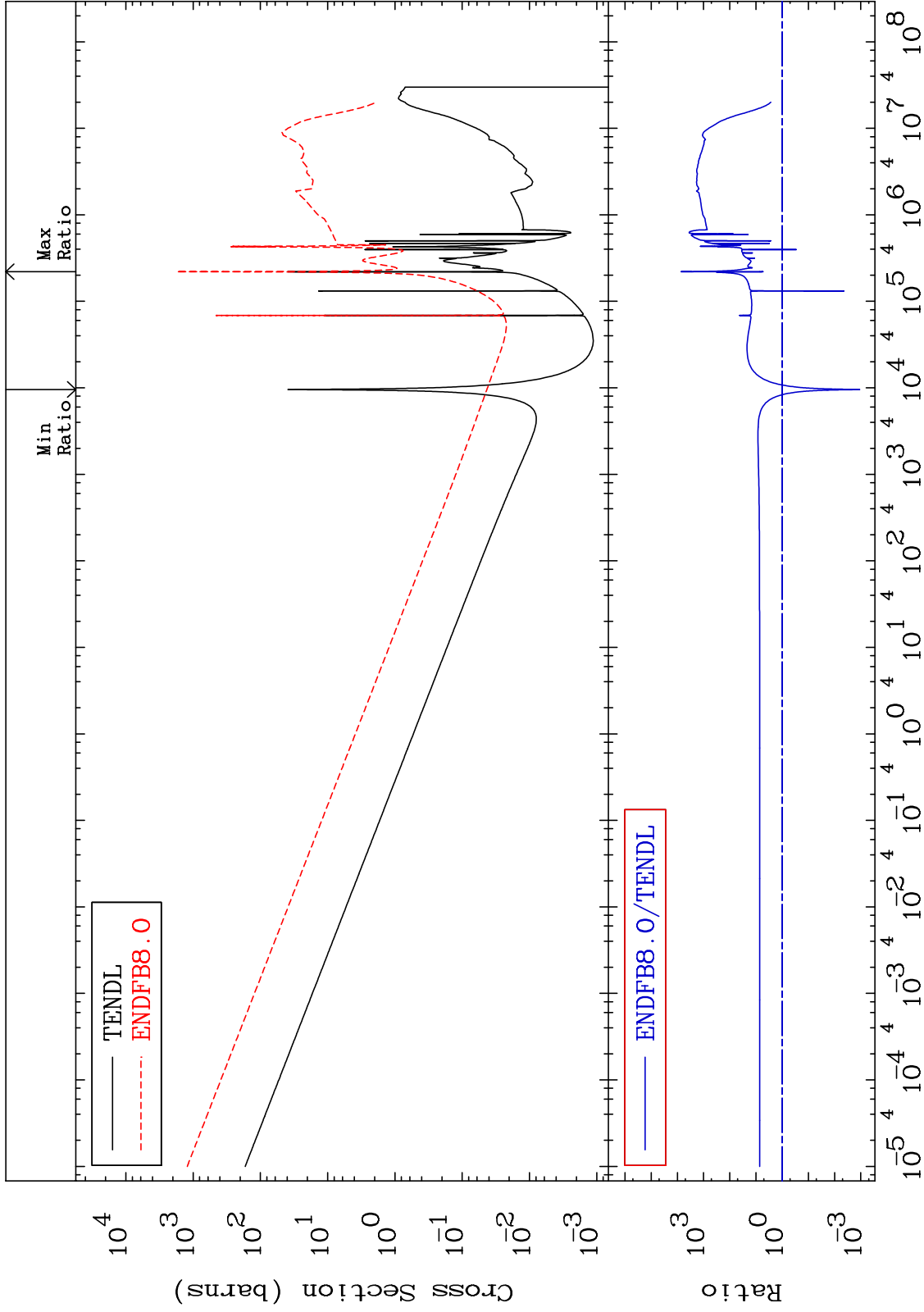
MAT 1231 Kerma fission (mt18 or mt19-20-21-38) 12-Mg-26
 Cross Section -46.31 To 9999. %



MAT 1231

Kerma capture (mt102)
Cross Section

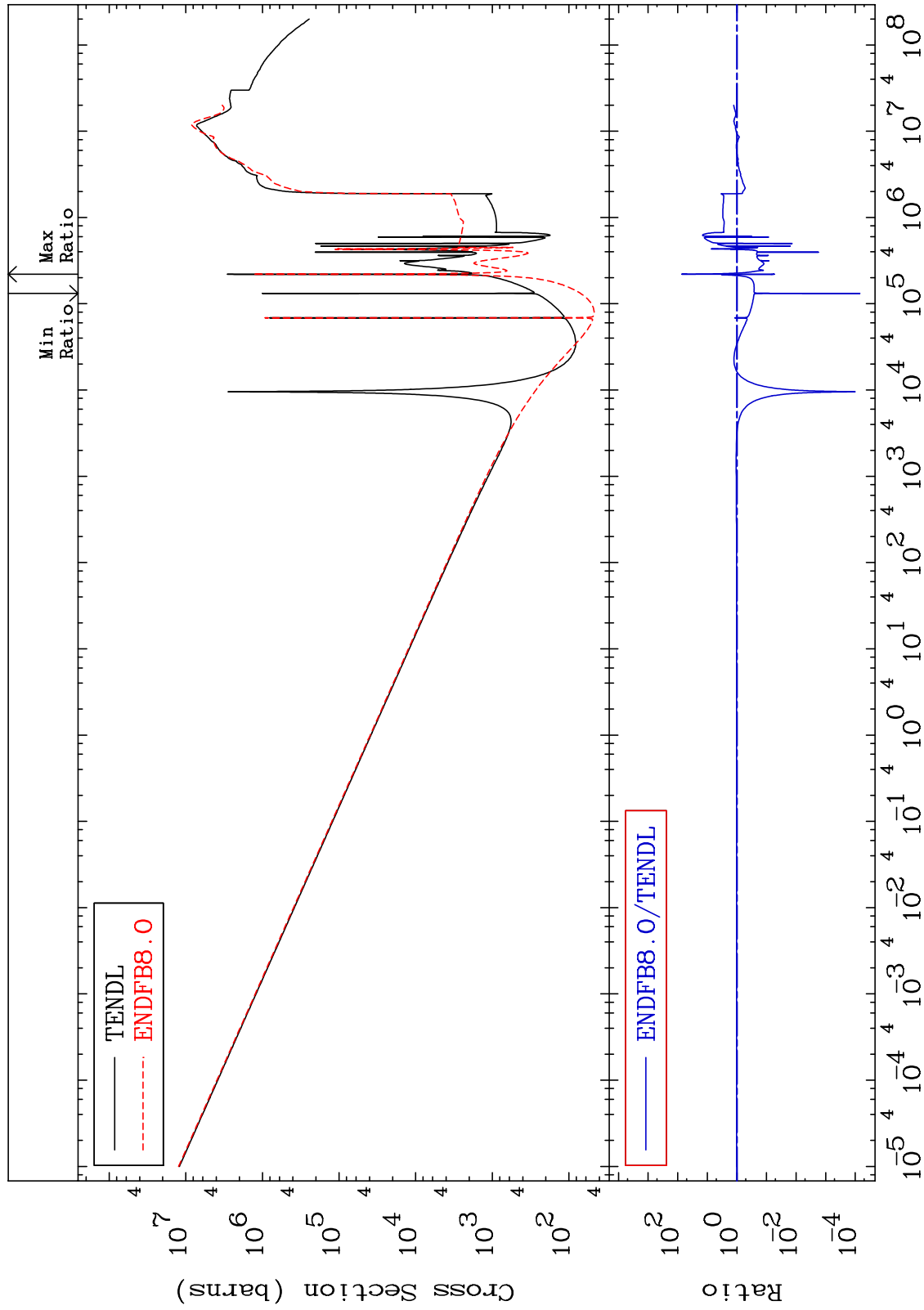
12-Mg-26
-99.89 To 9999. %



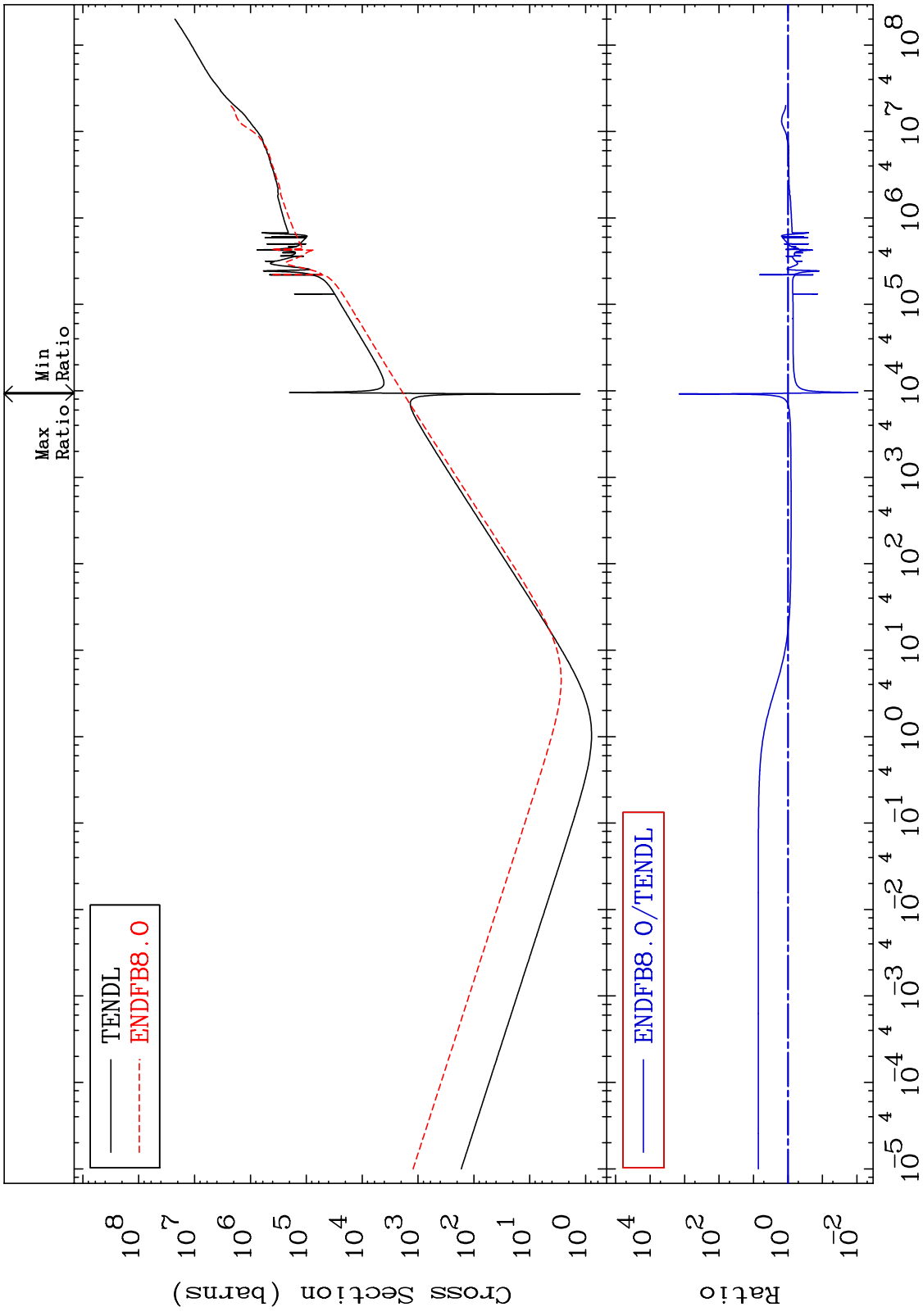
MAT 1231

Total photon (eV-barns)
Cross Section

12-Mg-26
-99.99 To 7373. %



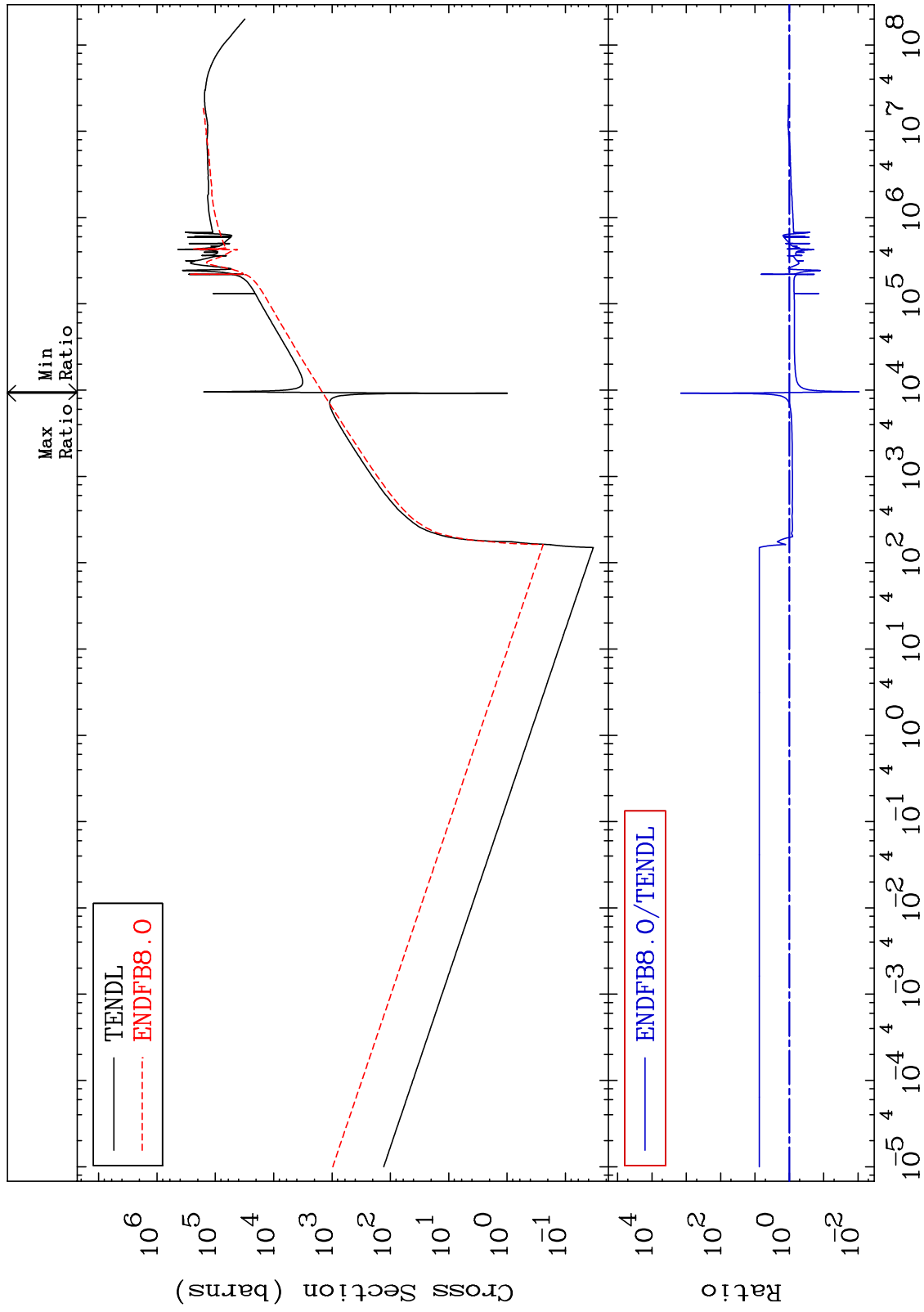
MAT 1231 Total kinematic kerma (high limit) 12-Mg-26
 Cross Section -99.06 To 9999. %



MAT 1231

Dpa total (eV-barns)
Cross Section

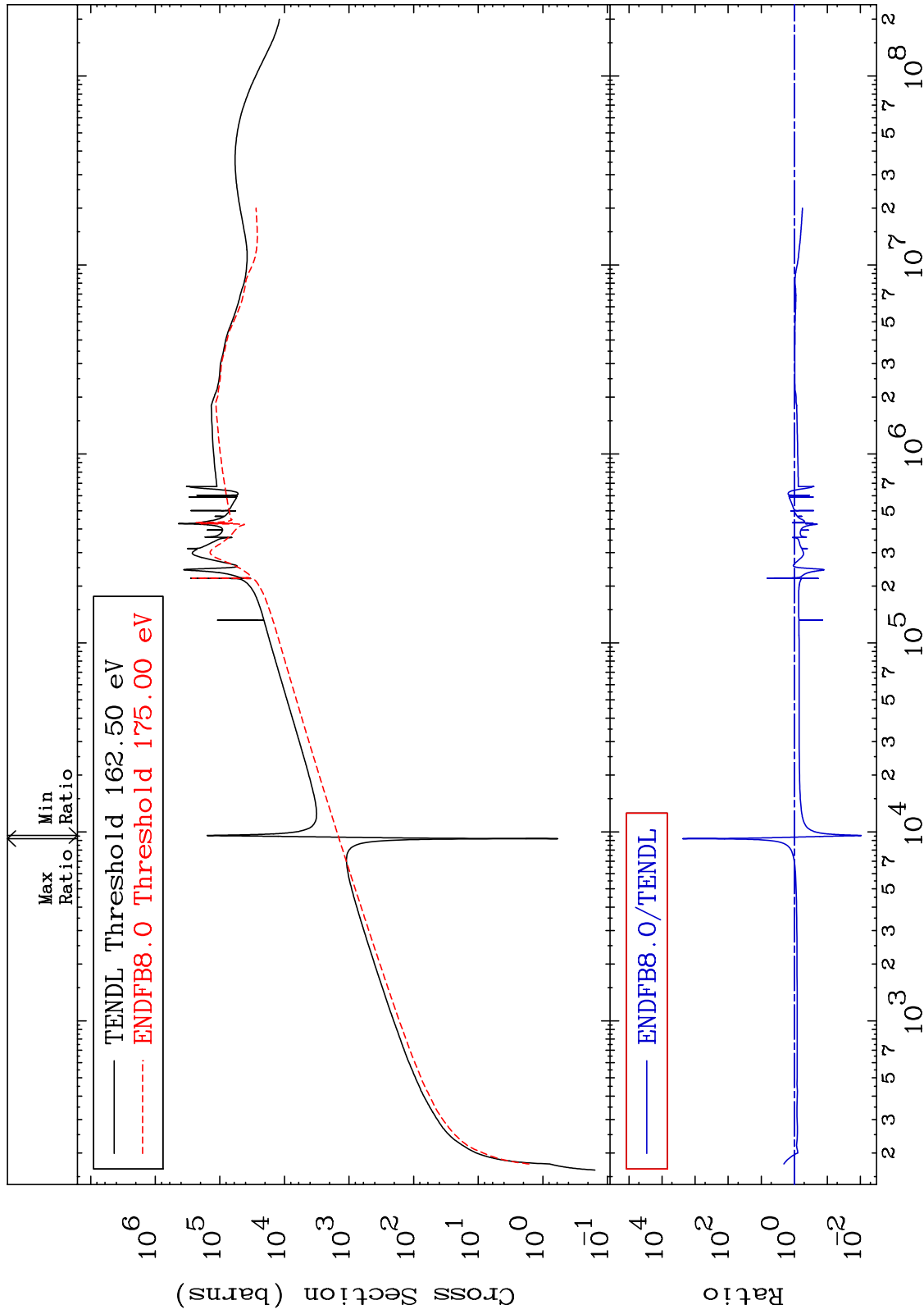
12-Mg-26
-99.06 To 9999. %



MAT 1231

Dpa elastic (mt2)
Cross Section

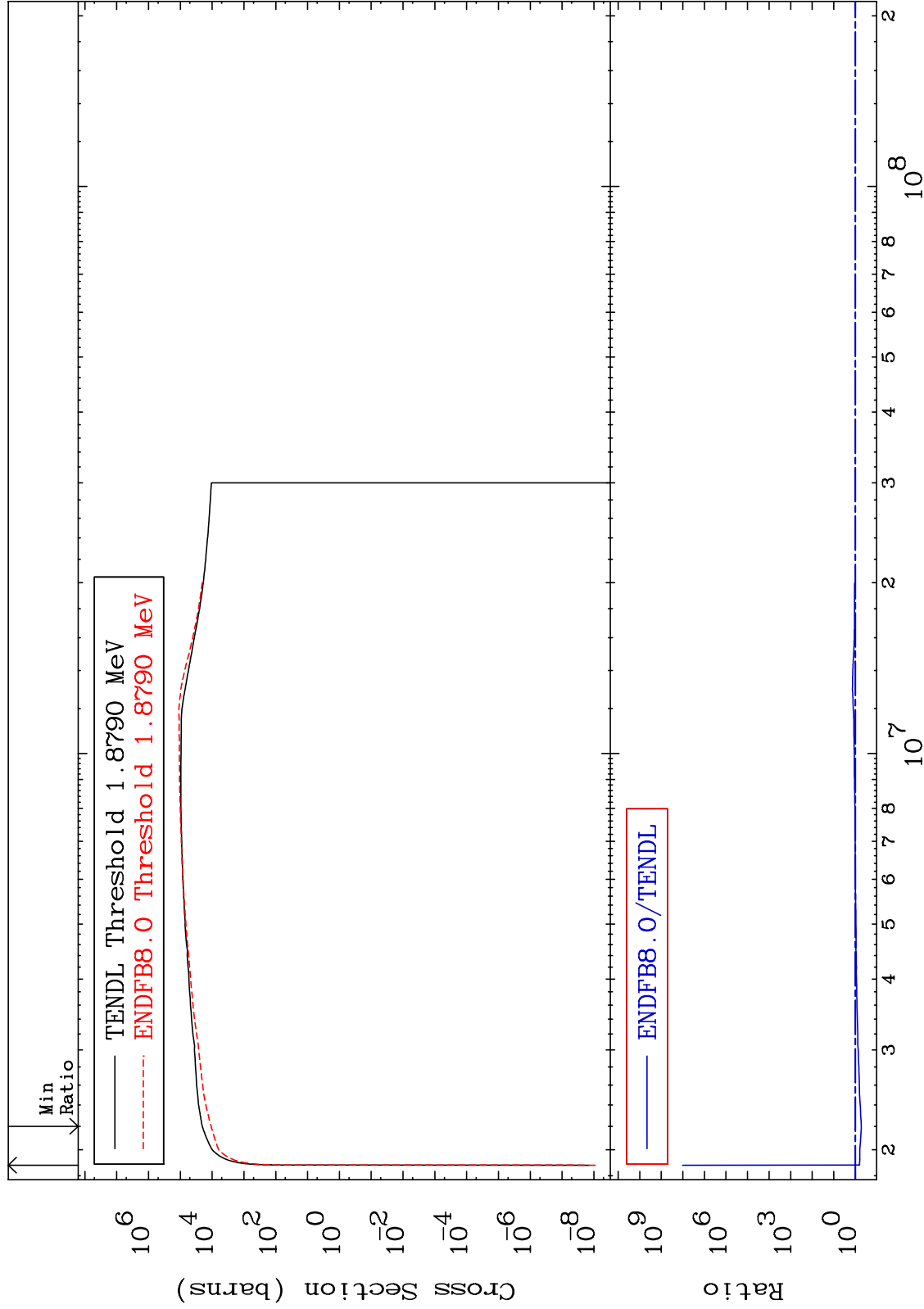
12-Mg-26
-99.06 To 9999. %



MAT 1231

Dpa inelastic (mt51-91)
Cross Section

12-Mg-26
-47.35 To 9999. %



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Incident Energy (eV)

12-Mg-26

MAT 1231

Dpa disappearance (mt102 -120)
Cross Section

12-Mg-26
-99.95 To 9999. %

