

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

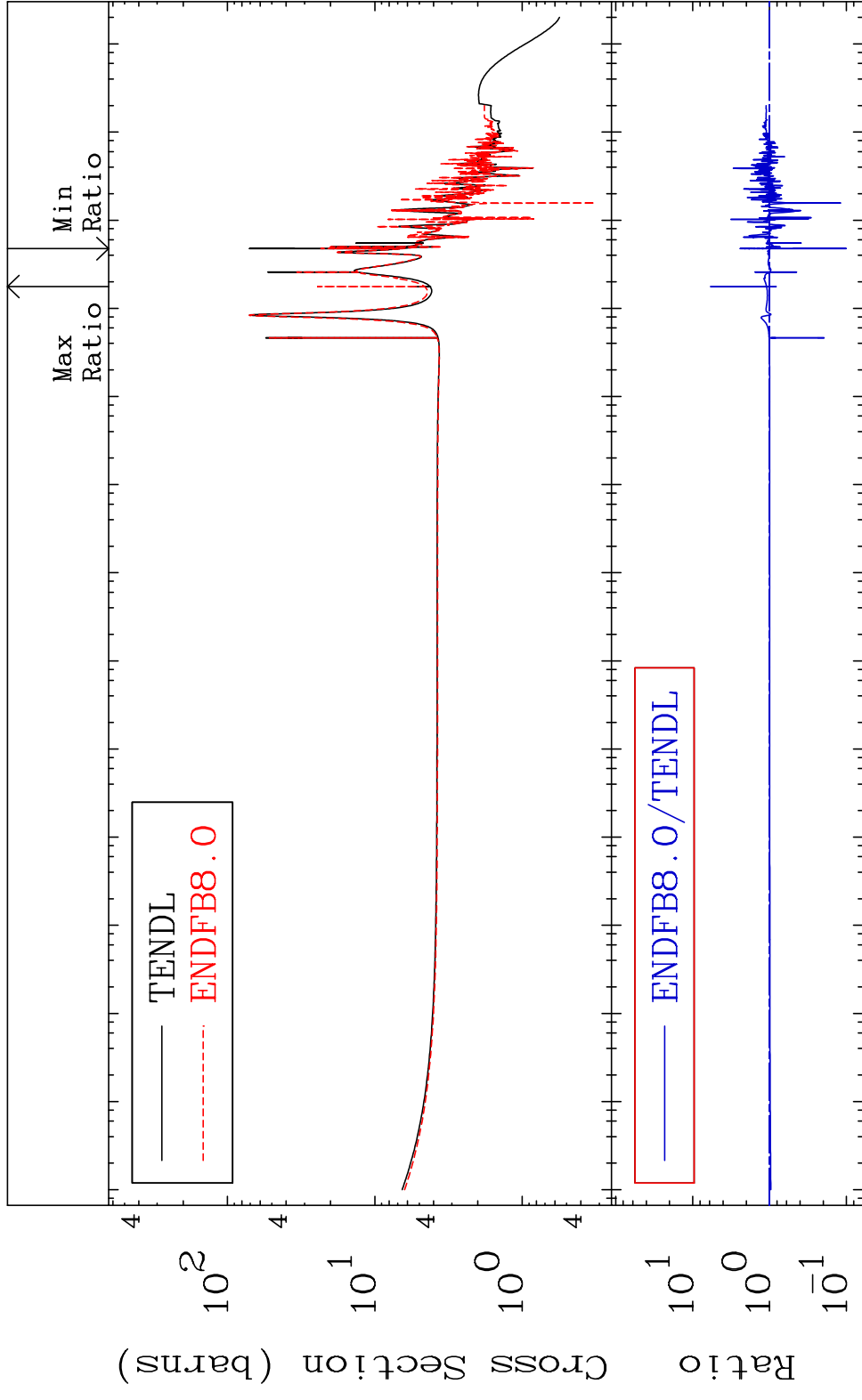
MAT 1225

Total

12-Mg-24

Cross Section

-89.99 To 481.5 %



1

Incident Energy (eV)

12-Mg-24

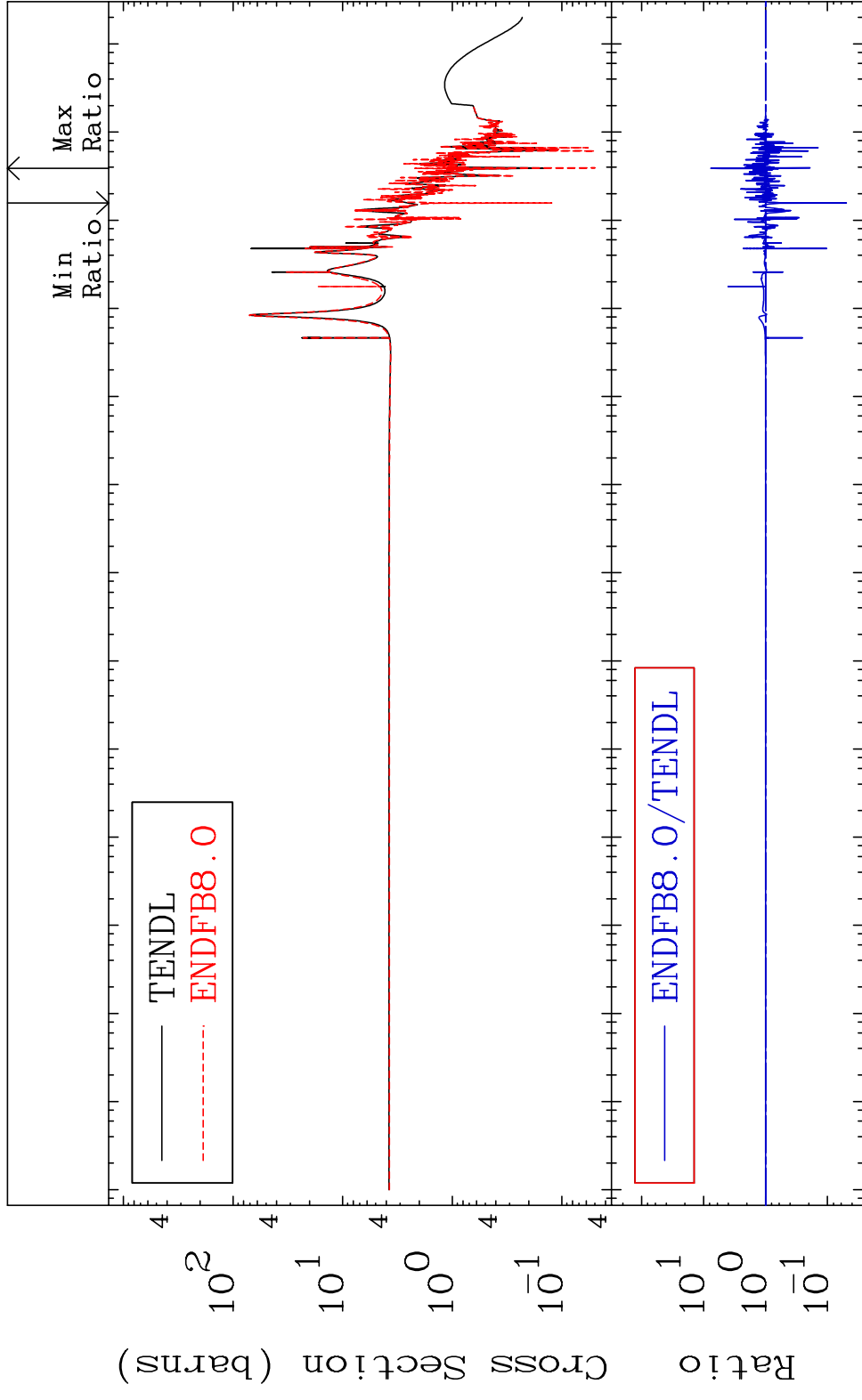
MAT 1225

Elastic

12-Mg-24

Cross Section

-95.03 To 666.3 %

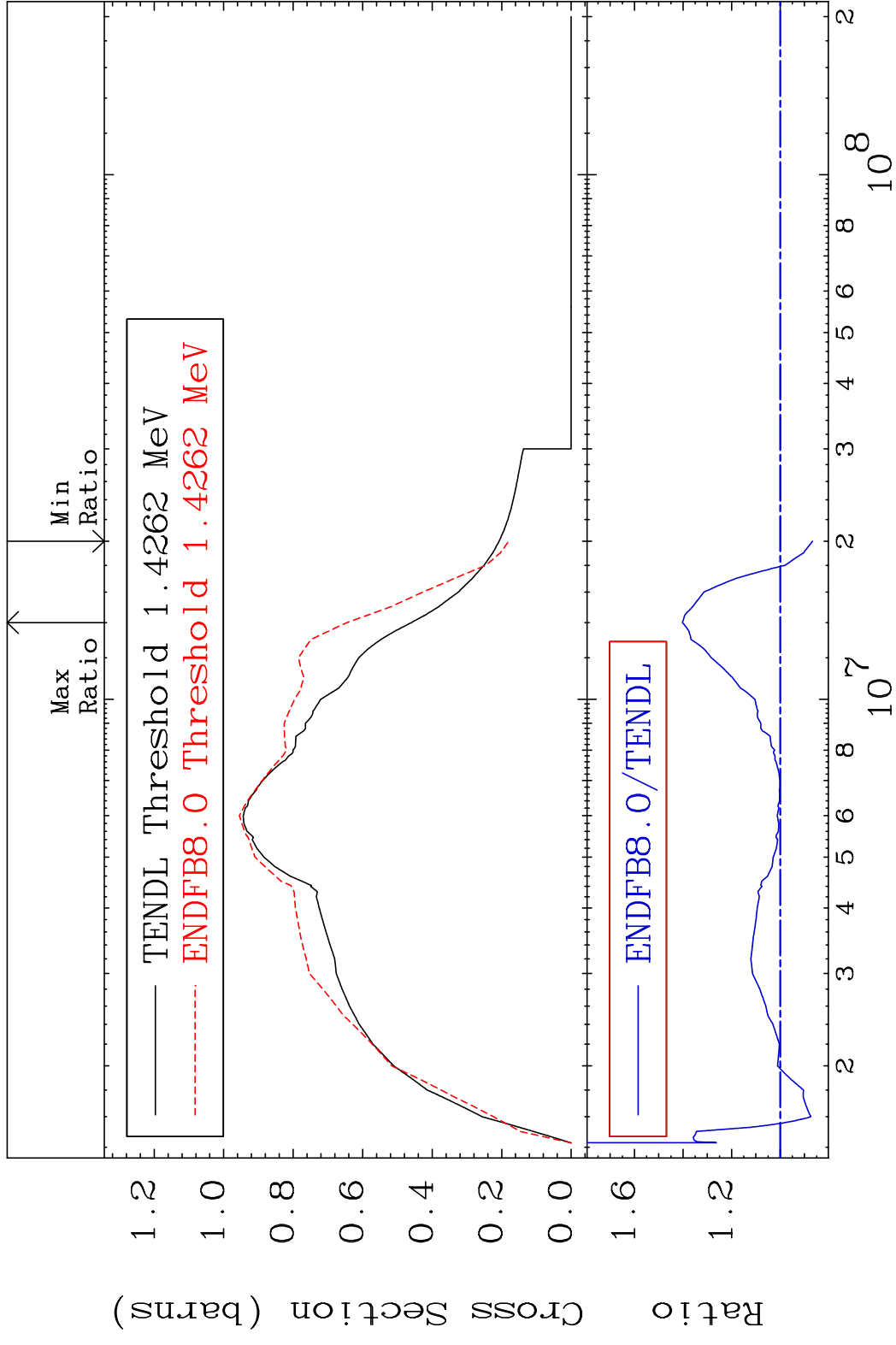


2

Incident Energy (eV)

12-Mg-24

MAT 1225 Inelastic 12-Mg-24
 Cross Section -13.31 To 40.29 %



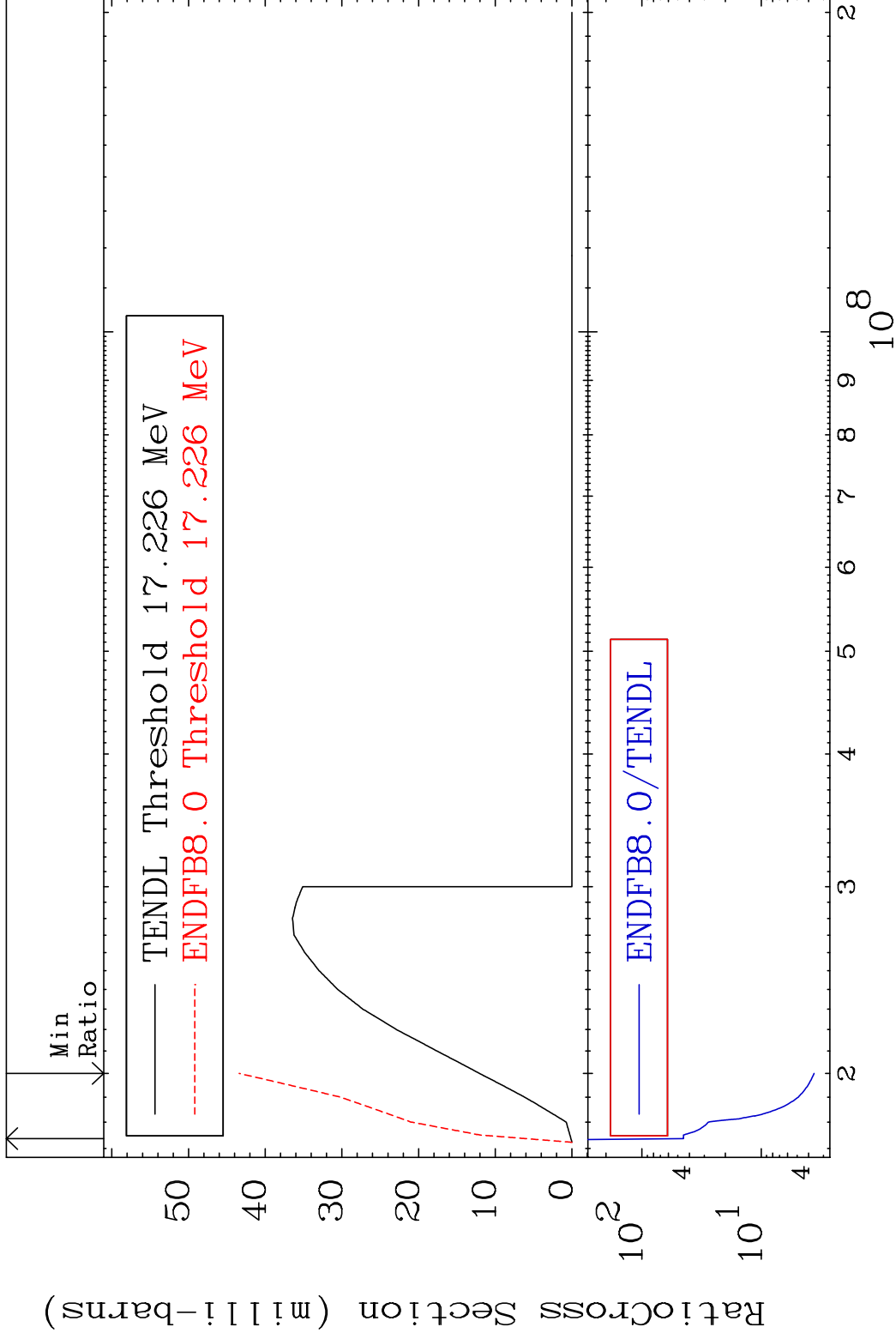
3 Incident Energy (eV) 12-Mg-24

MAT 1225

(n,2n)

12-Mg-24

Cross Section 260.2 To 4382. %



4

Incident Energy (eV)

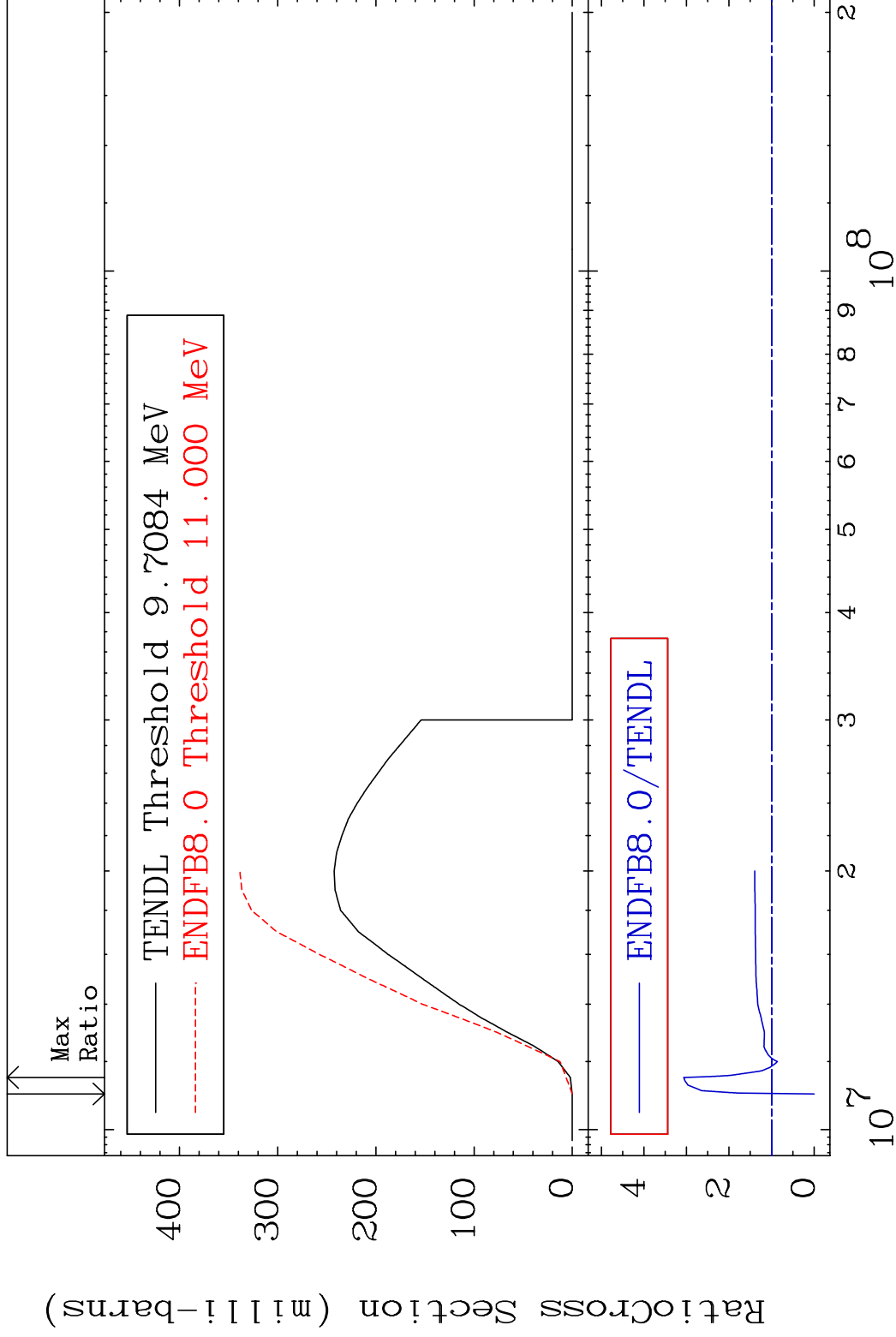
12-Mg-24

MAT 1225

(n, n') α

12-Mg-24

Cross Section -100.0 To 206.6 %



5

Incident Energy (eV)

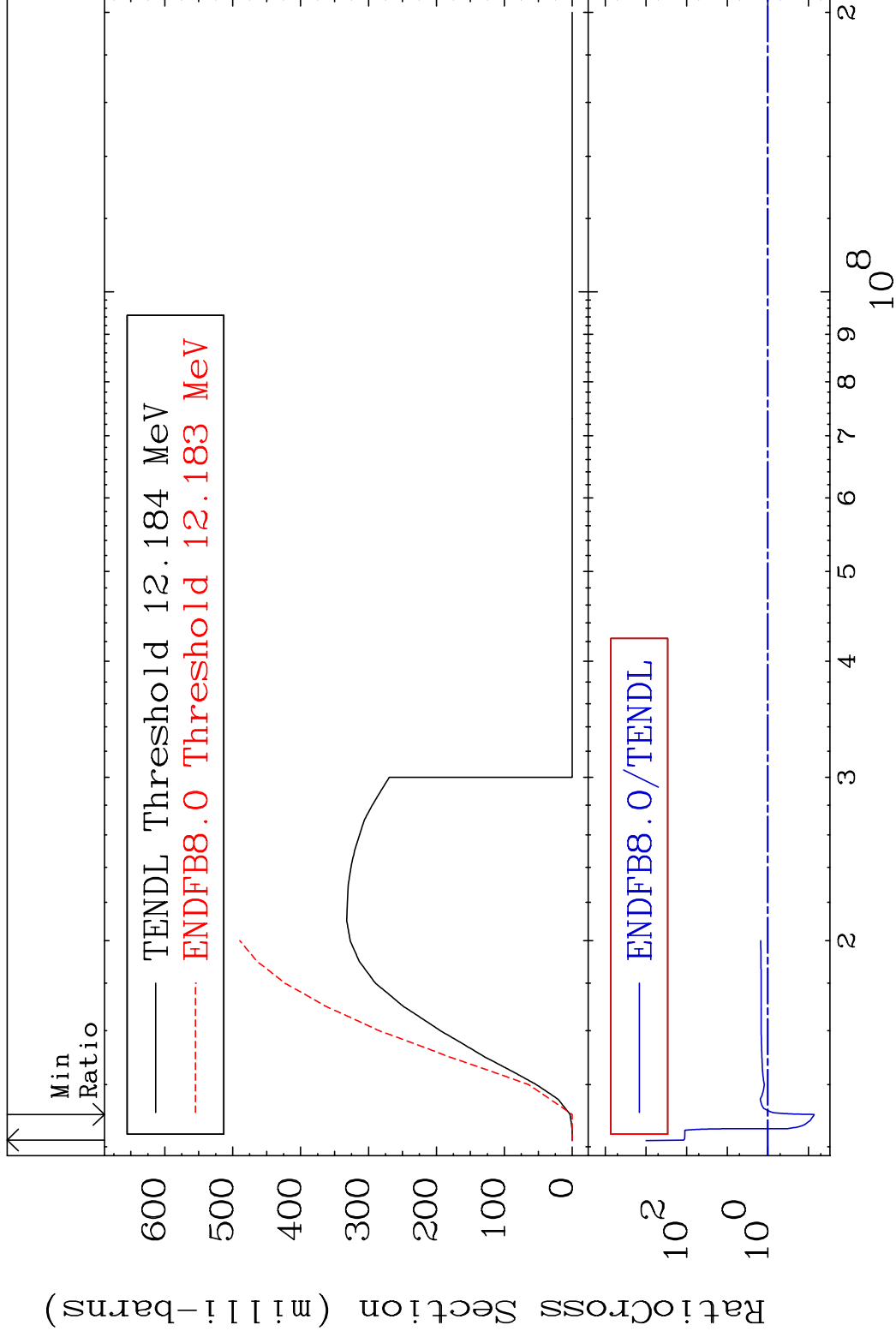
12-Mg-24

MAT 1225

(n, n') p

12-Mg-24

Cross Section -92.71 To 9999. %

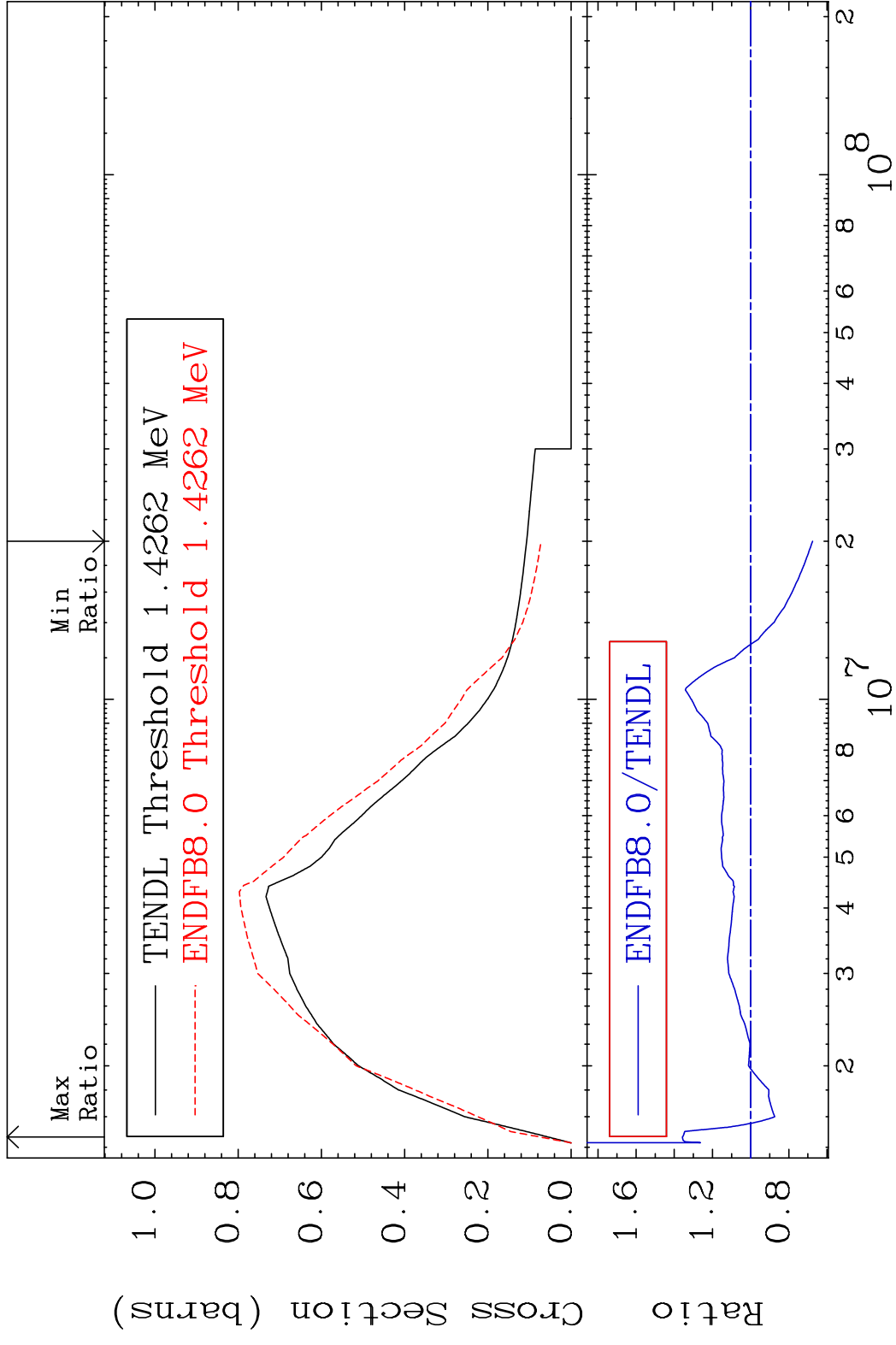


6

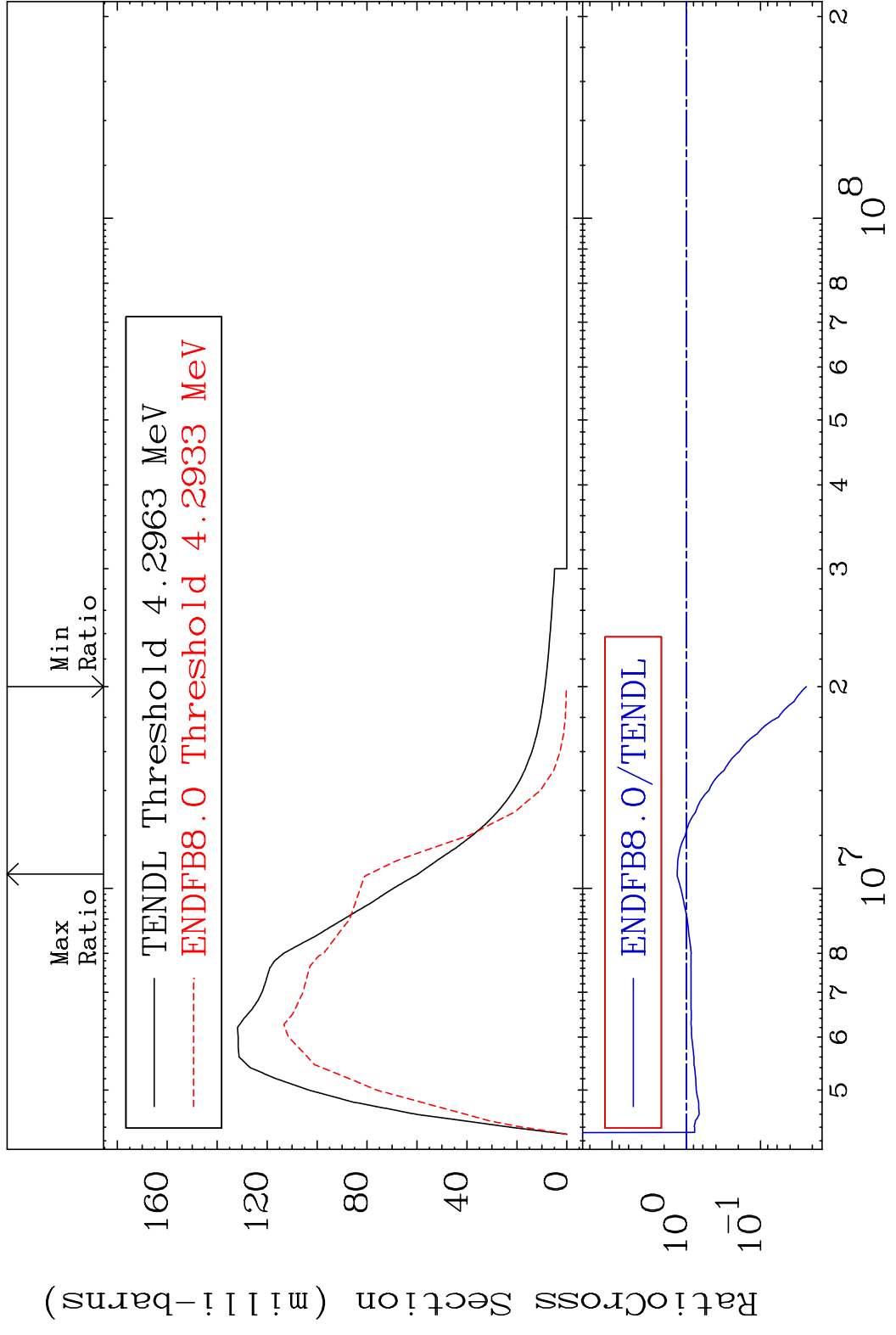
Incident Energy (eV)

12-Mg-24

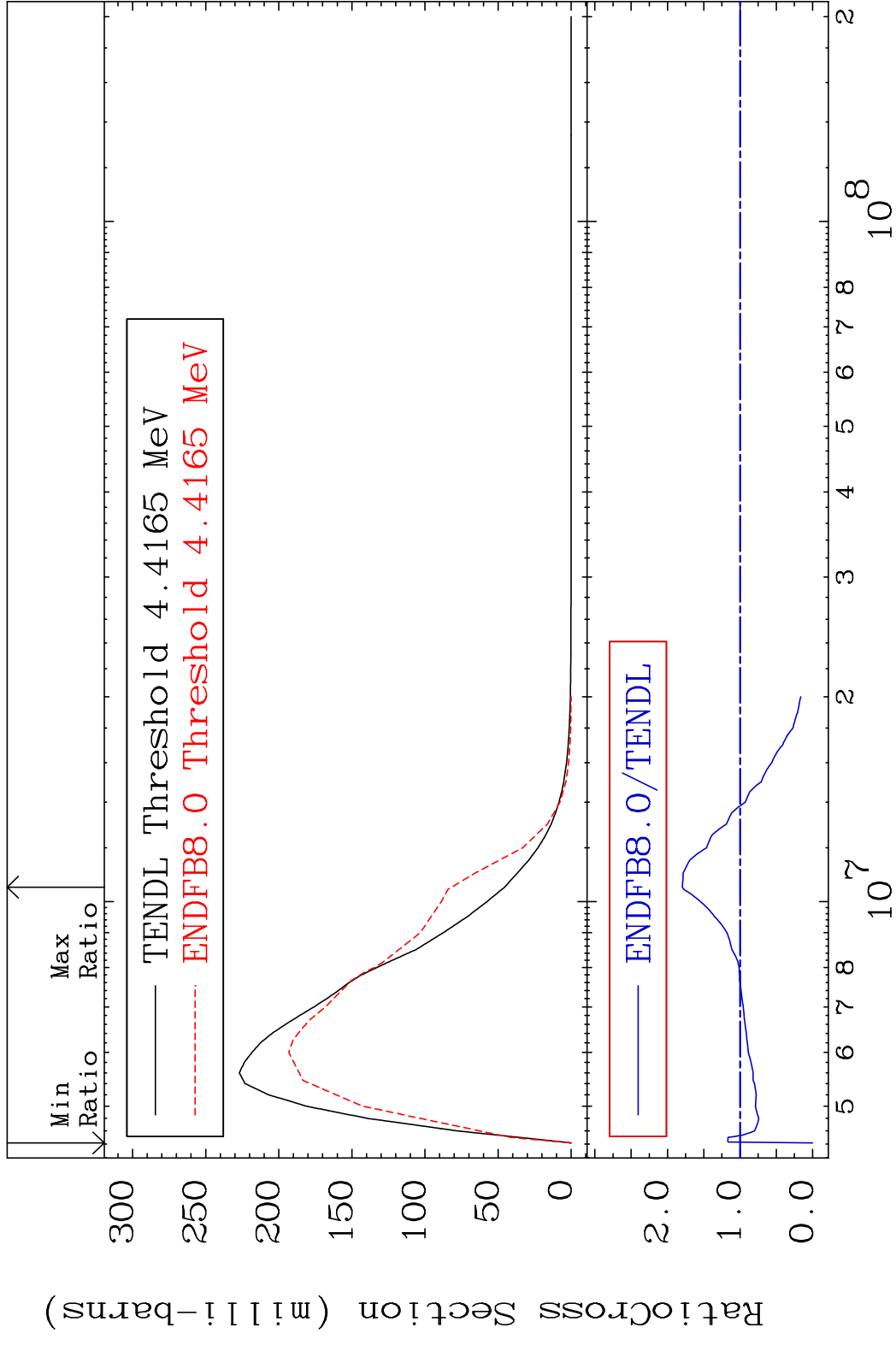
MAT 1225 MT= 51 (n, n') Level 12-Mg-24
 Cross Section -32.45 To 35.78 %



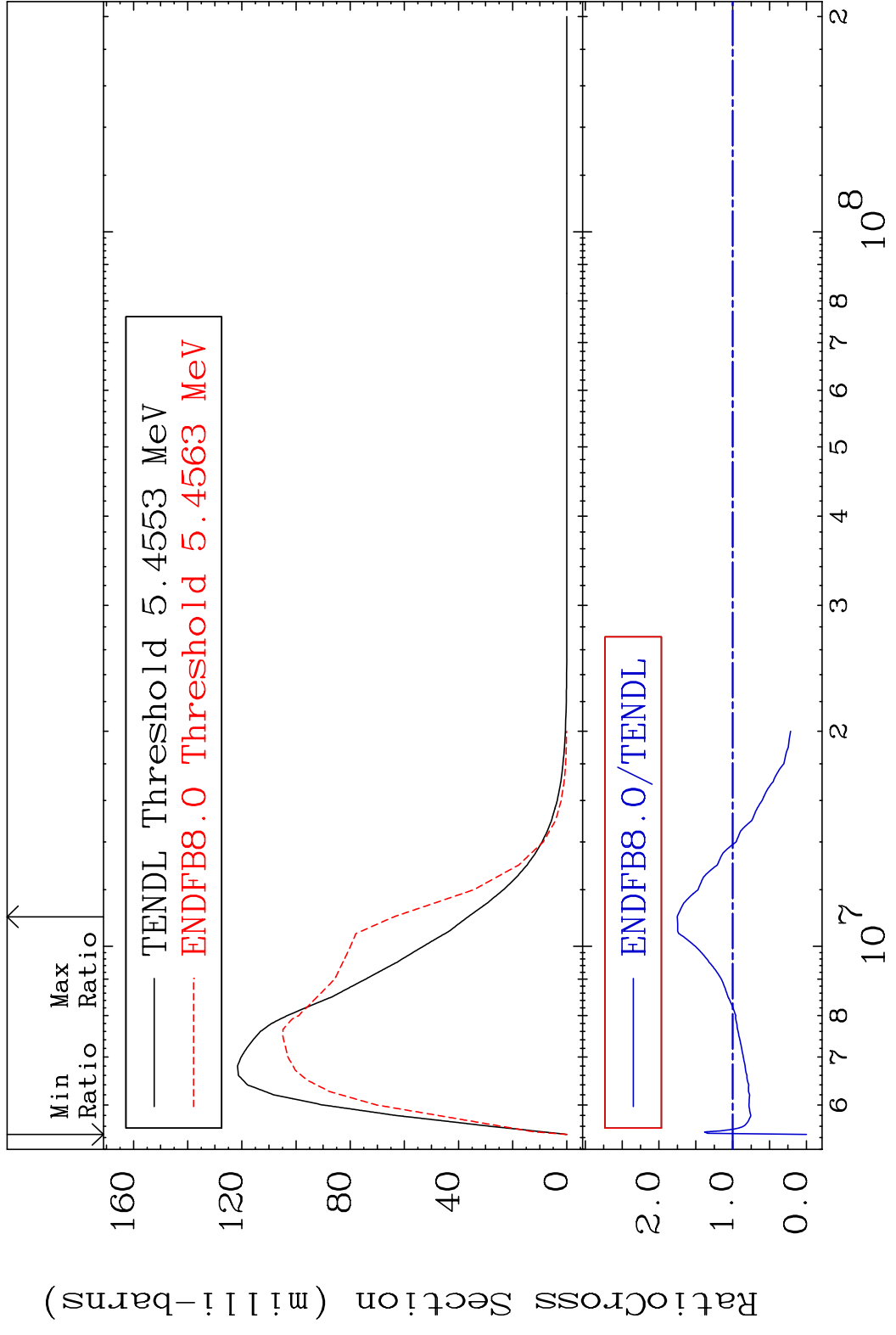
MAT 1225 MT= 52 (n, n') Level 12-Mg-24
 Cross Section -97.59 To 32.86 %



MAT 1225 MT= 53 (n, n') Level 12-Mg-24
 Cross Section -100.0 To 79.46 %

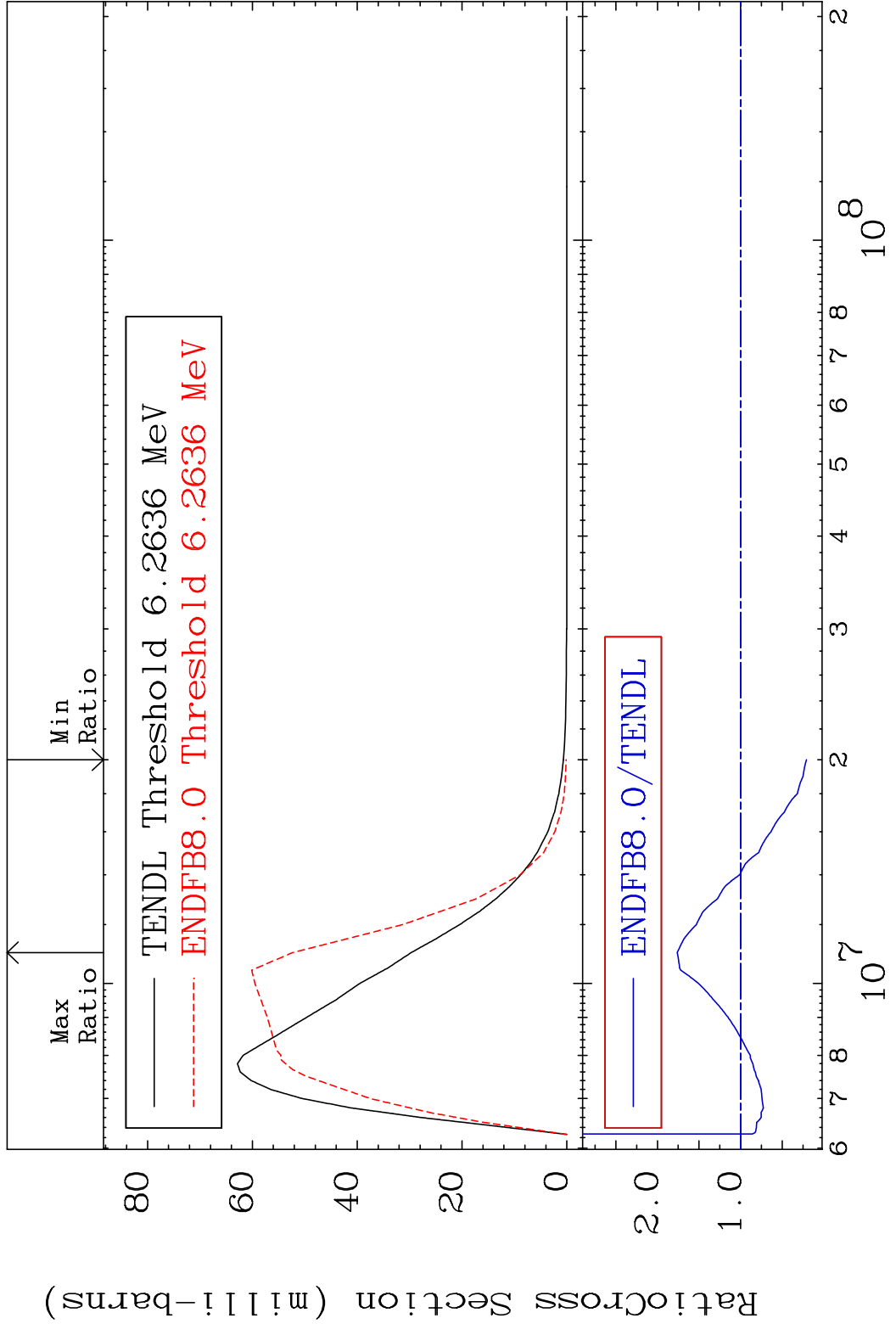


MAT 1225 MT= 54 (n,n') Level 12-Mg-24
 Cross Section -100.0 To 75.29 %

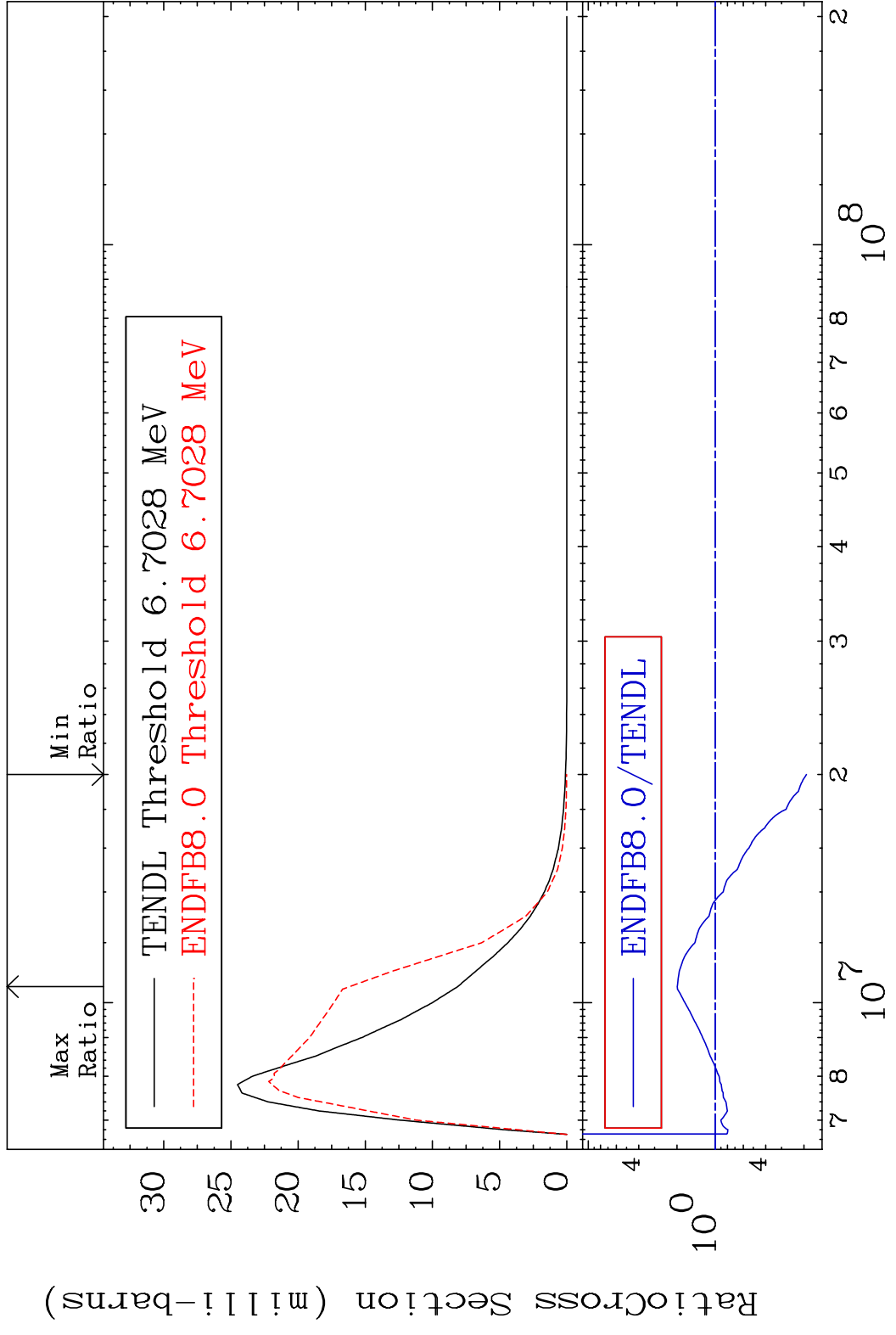


10 10 8 12-Mg-24

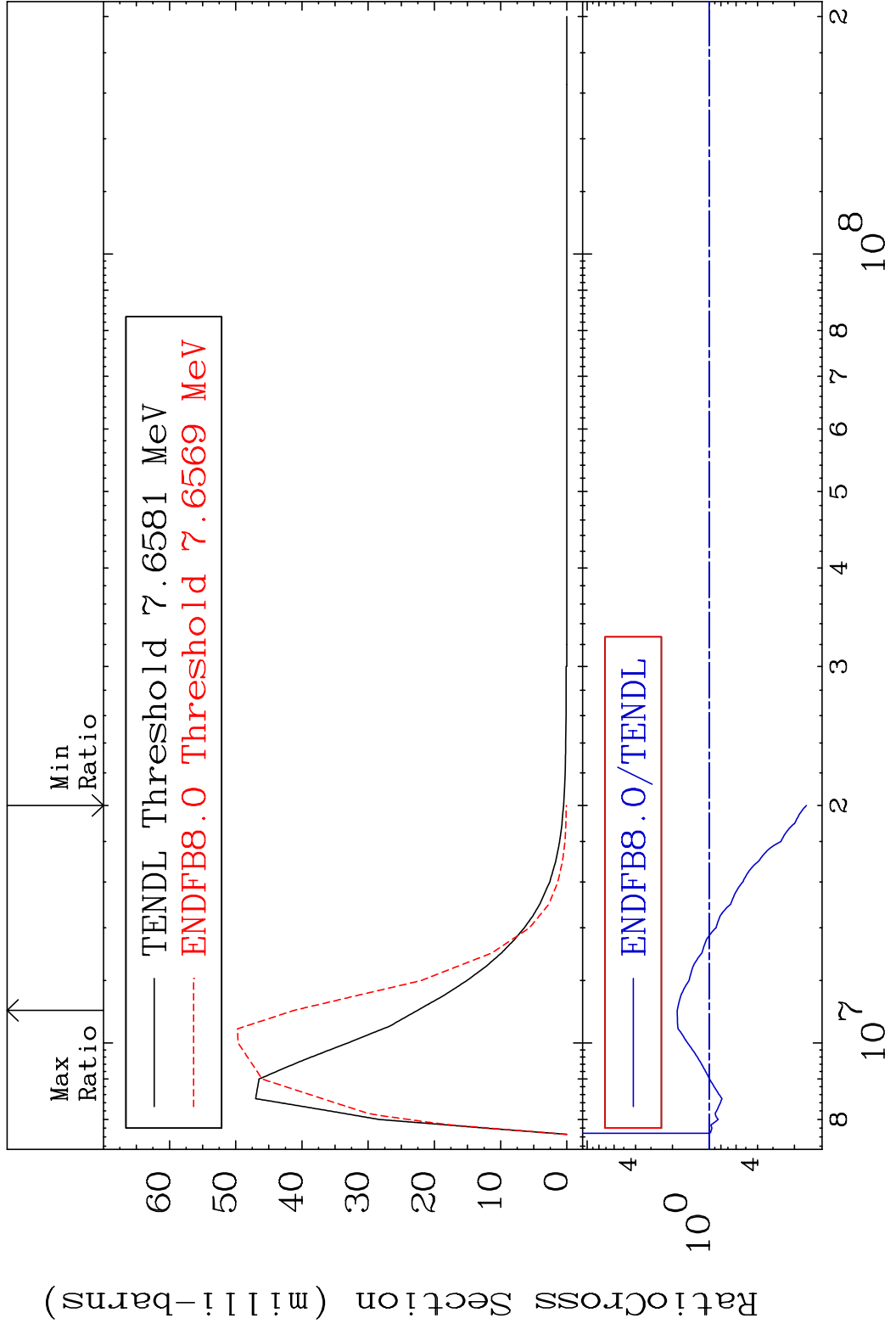
MAT 1225 MT= 55 (n, n') Level 12-Mg-24
 Cross Section -79.12 To 76.26 %



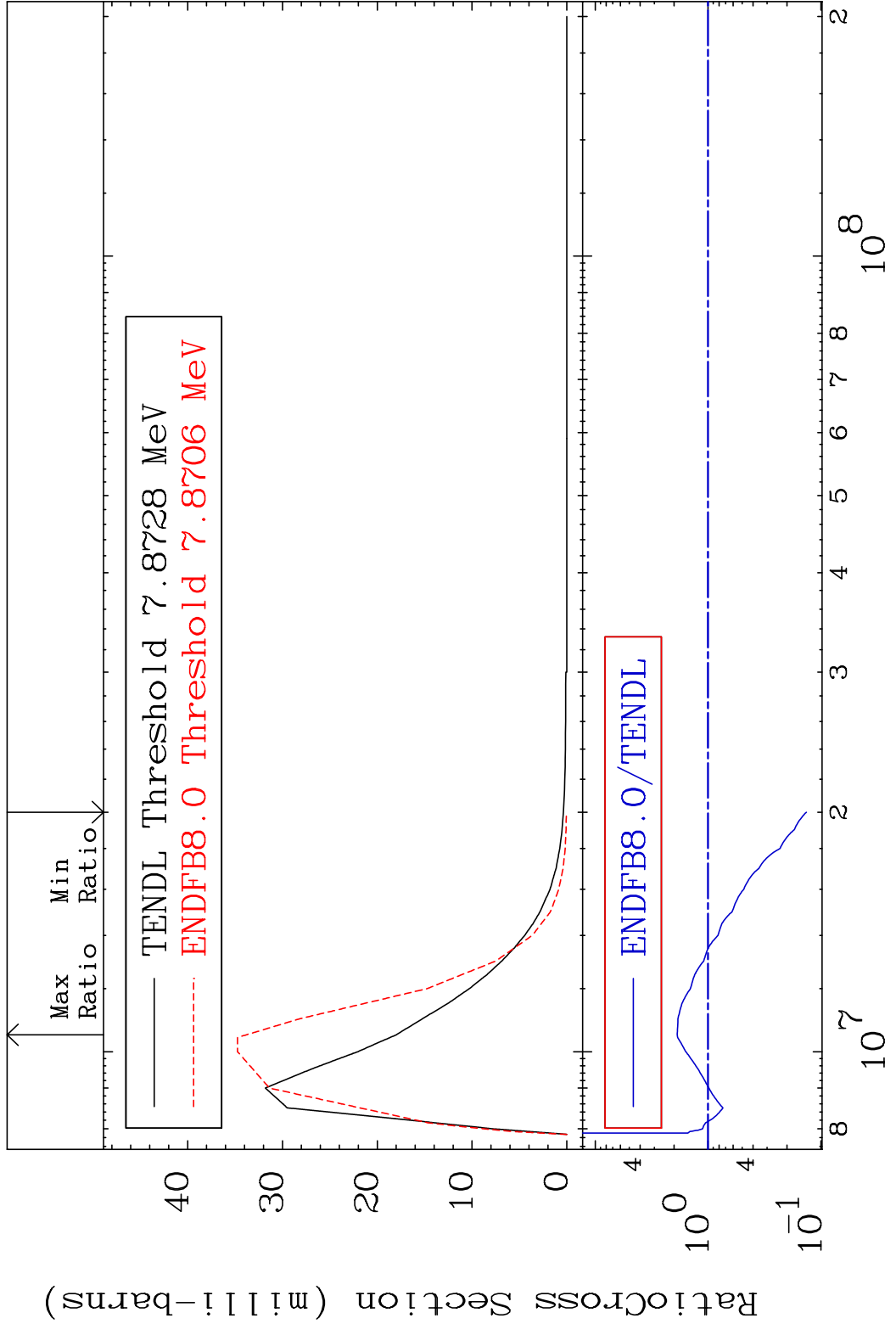
MAT 1225 MT= 56 (n, n') Level 12-Mg-24
 Cross Section -80.90 To 99.21 %



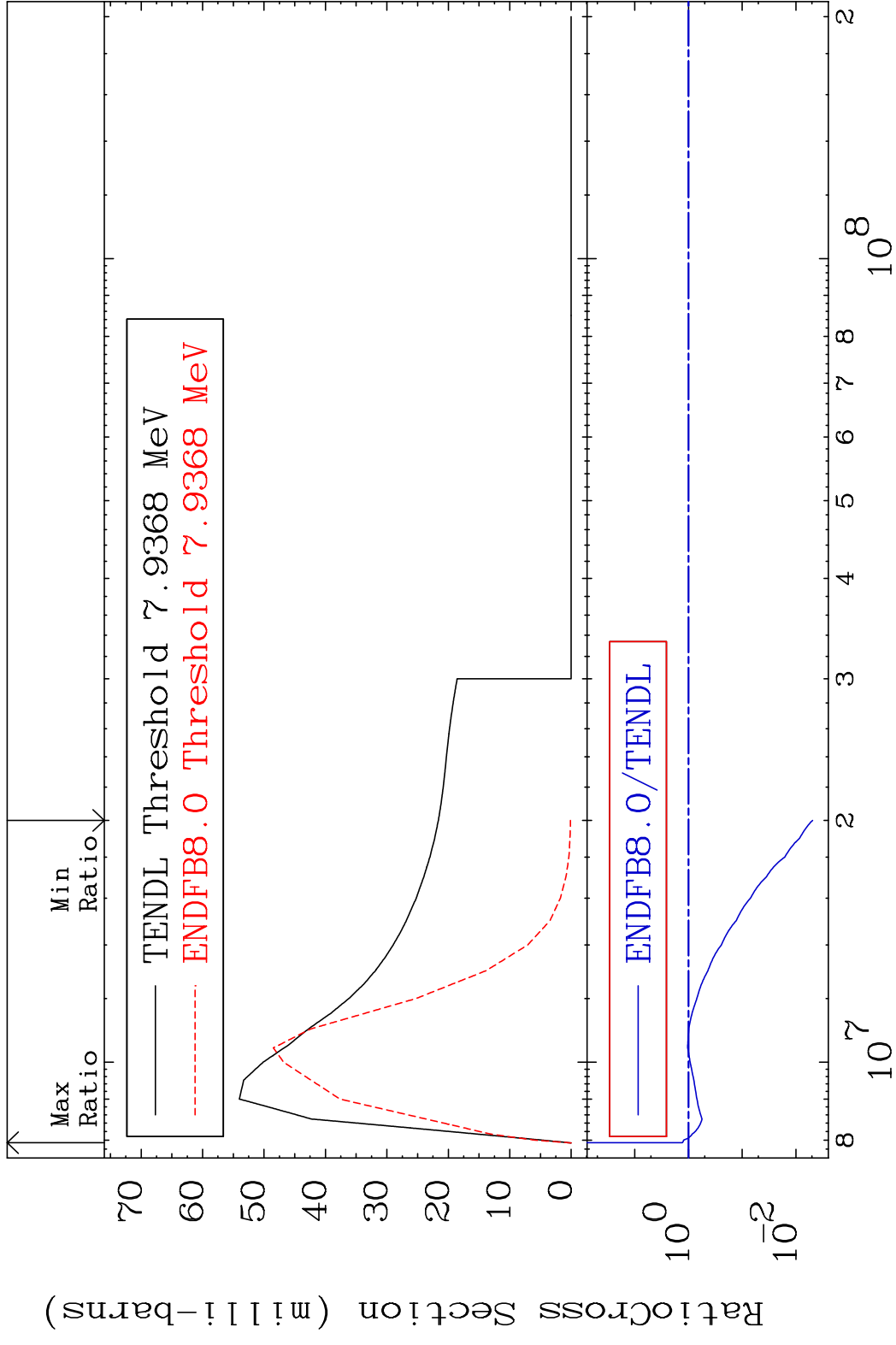
MAT 1225 MT= 57 (n, n') Level 12-Mg-24
 Cross Section -84.06 To 82.70 %



MAT 1225 MT= 58 (n, n') Level 12-Mg-24
 Cross Section -86.55 To 87.96 %

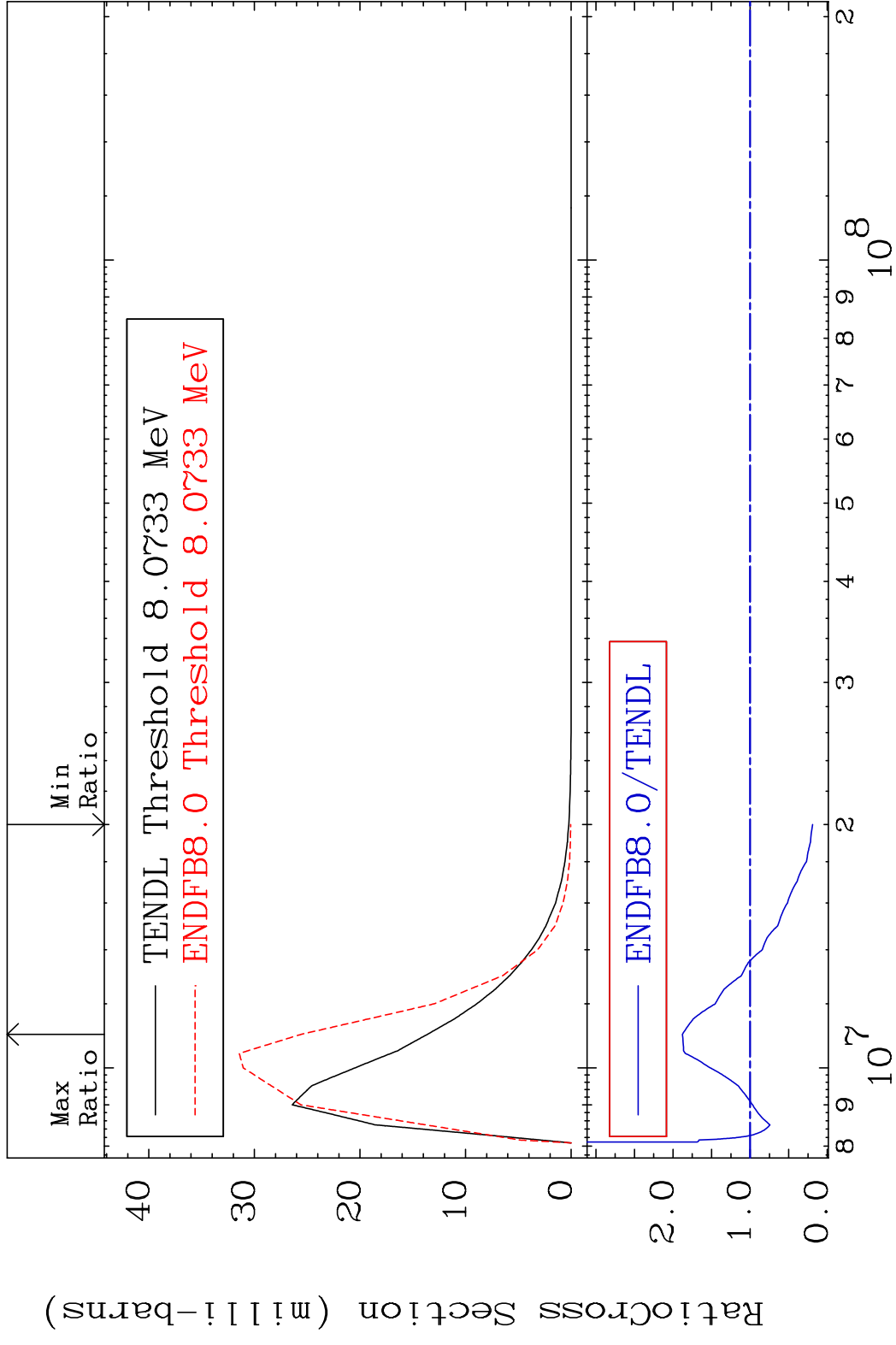


MAT 1225 MT= 59 (n, n') Level 12-Mg-24
 Cross Section -99.51 To 30.22 %

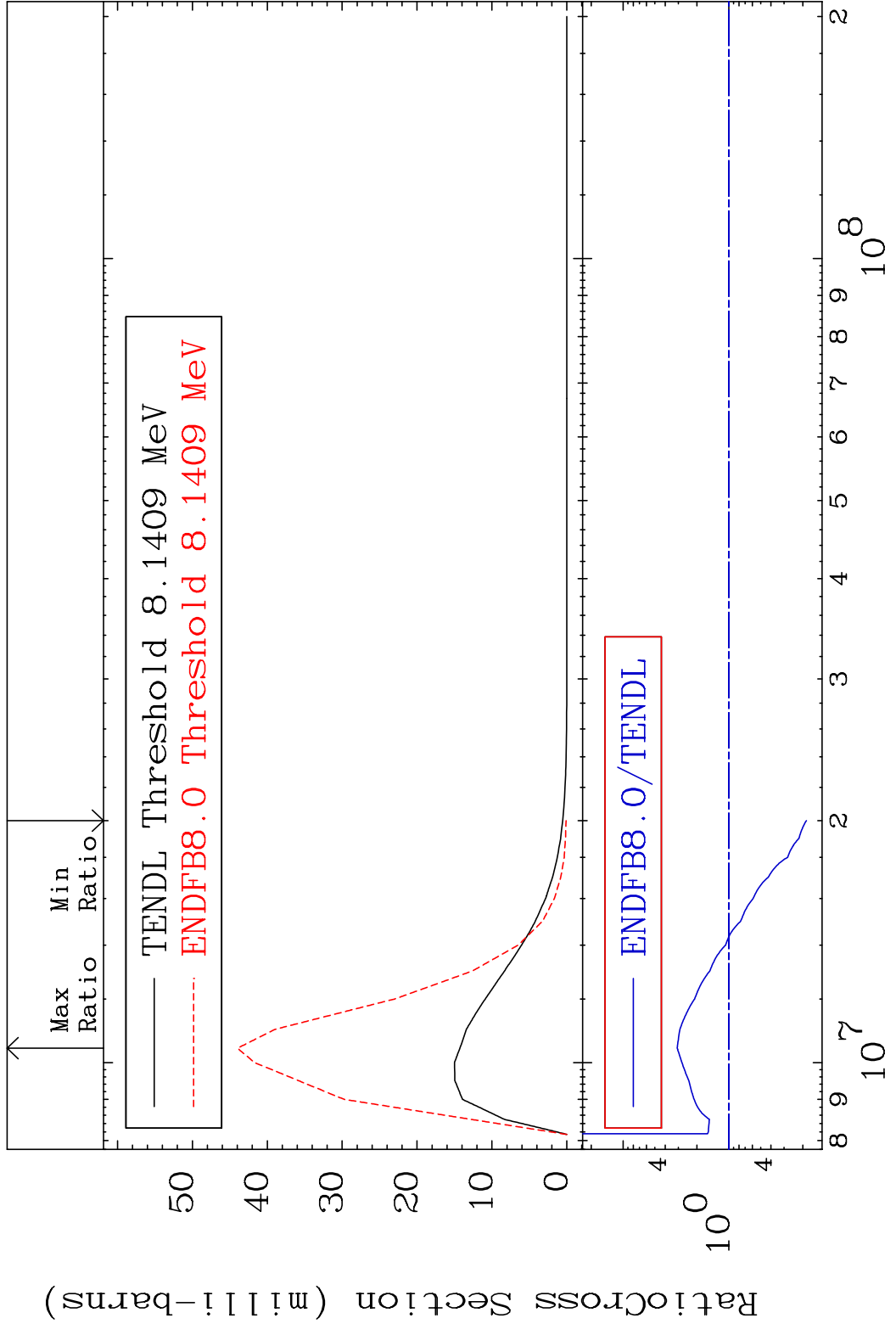


15 12-Mg-24

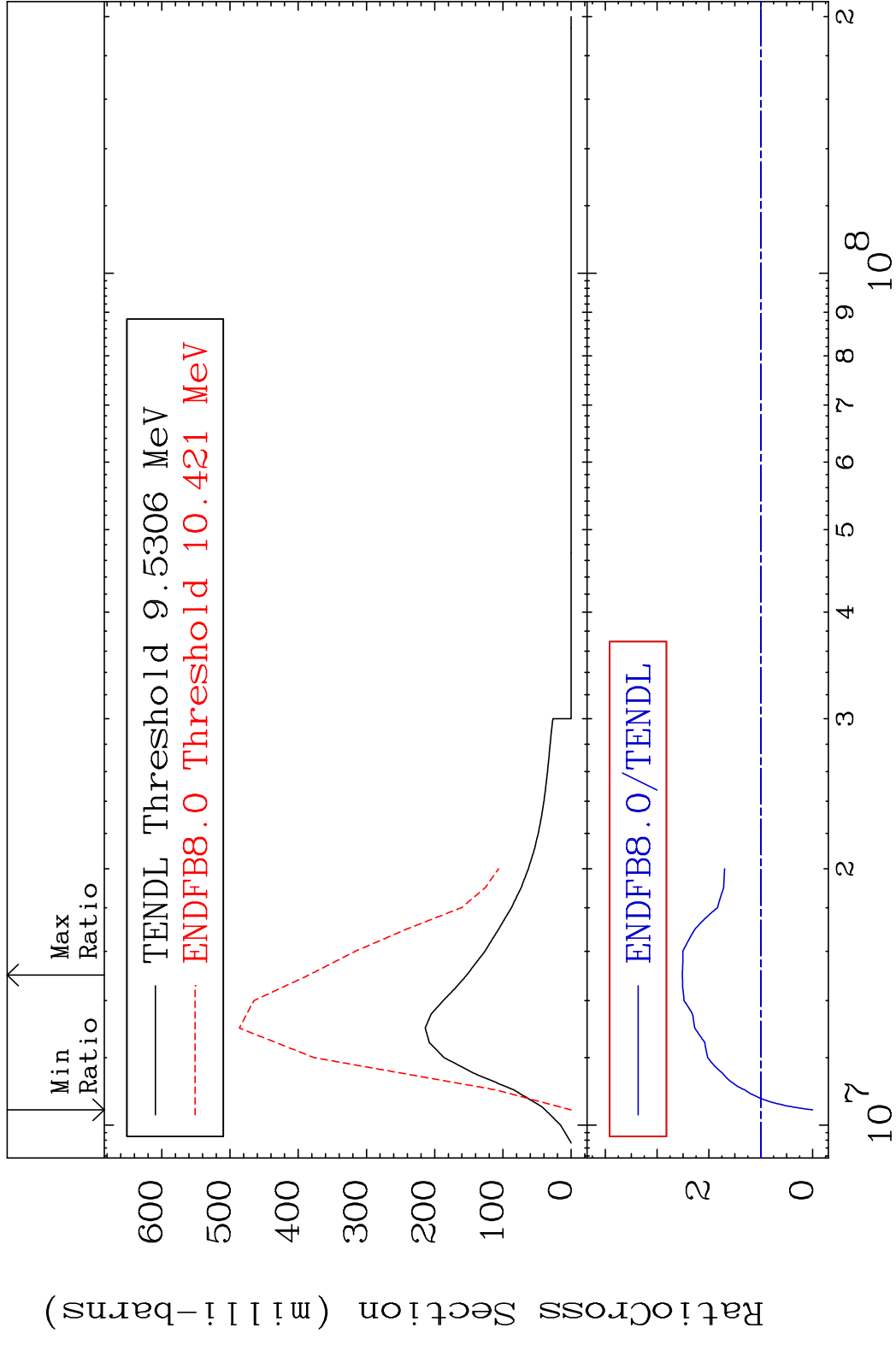
MAT 1225 MT= 60 (n, n') Level 12-Mg-24
 Cross Section -80.96 To 87.91 %



MAT 1225 MT= 61 (n, n') Level 12-Mg-24
 Cross Section -81.53 To 207.9 %



MAT 1225 (n, n') Continuum ¹²Mg-24
 Cross Section -100.0 To 151.3 %



18 12-Mg-24

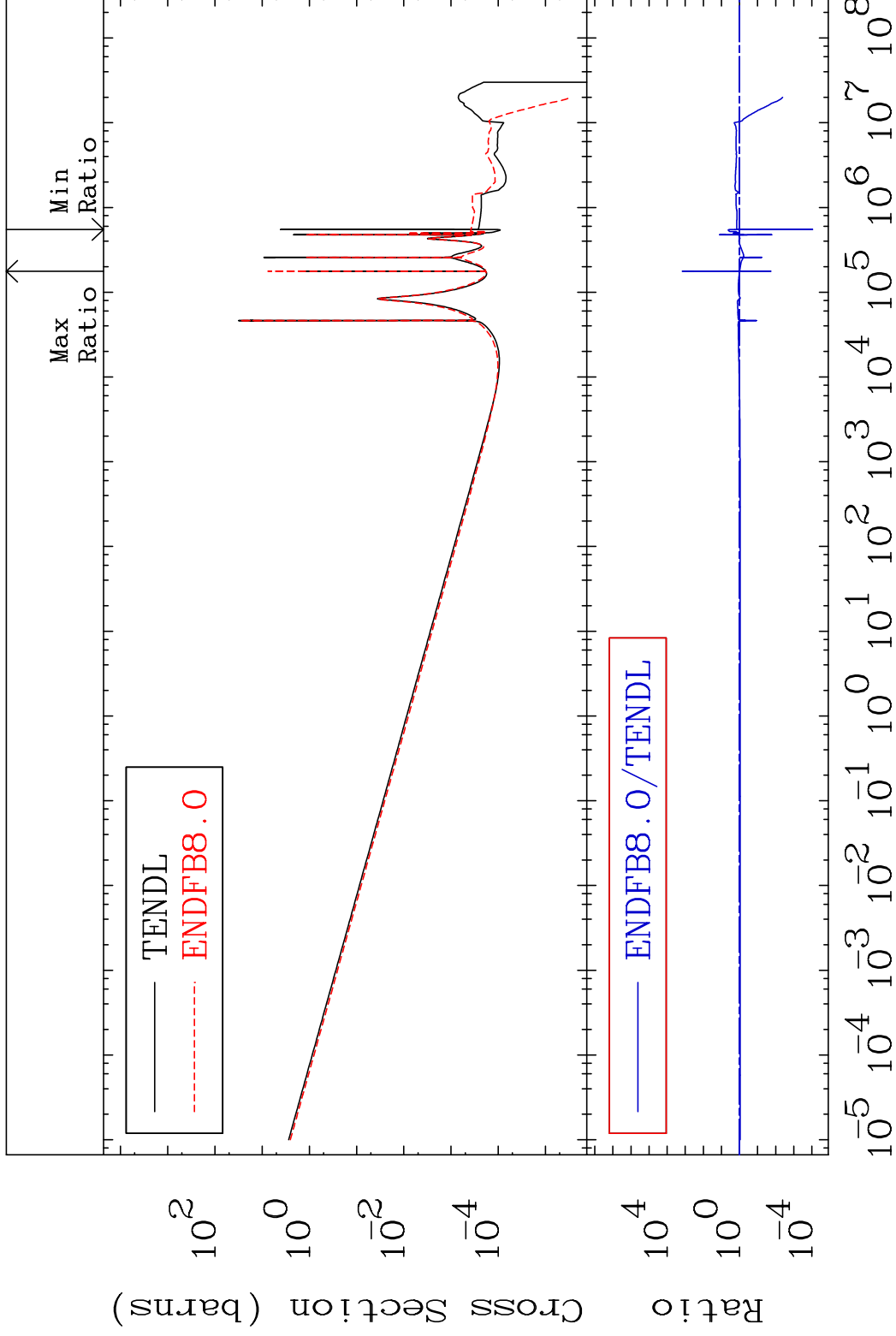
MAT 1225

(n, γ)

12-Mg-24

Cross Section

-99.99 To 9999. %

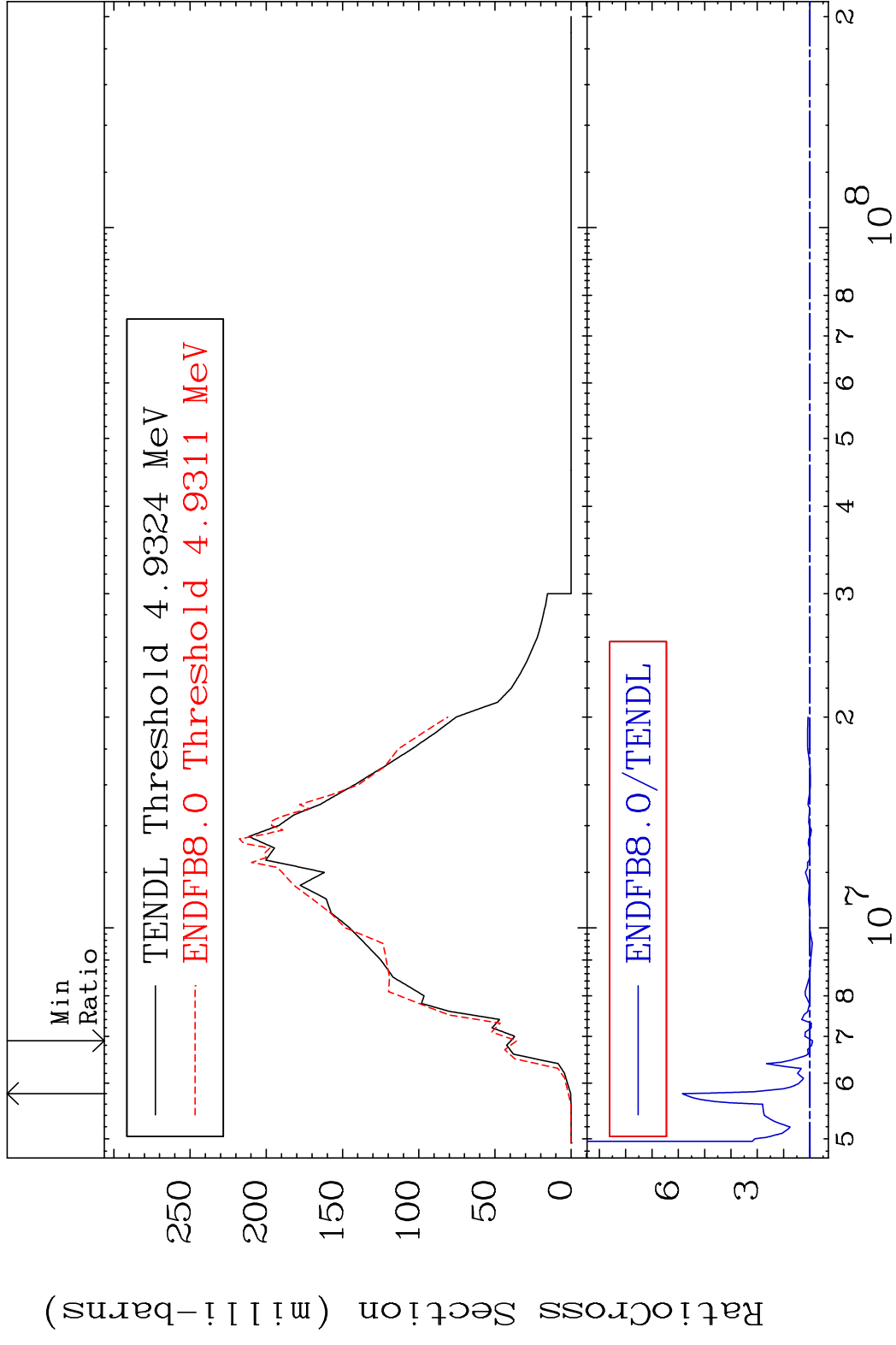


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Incident Energy (eV)

12-Mg-24

MAT 1225 (n,p) 12-Mg-24
 Cross Section -9.858 To 484.6 %

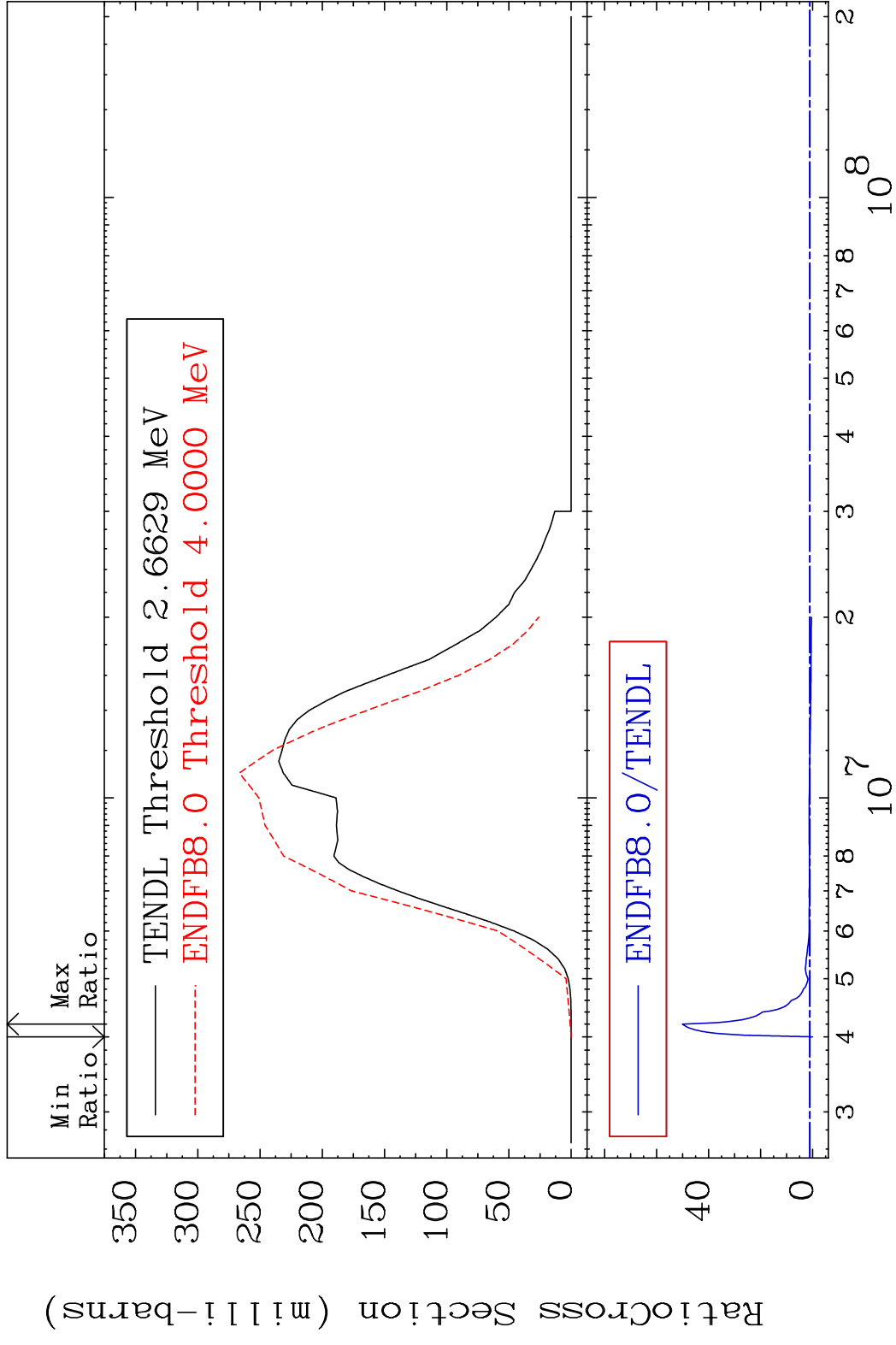


20

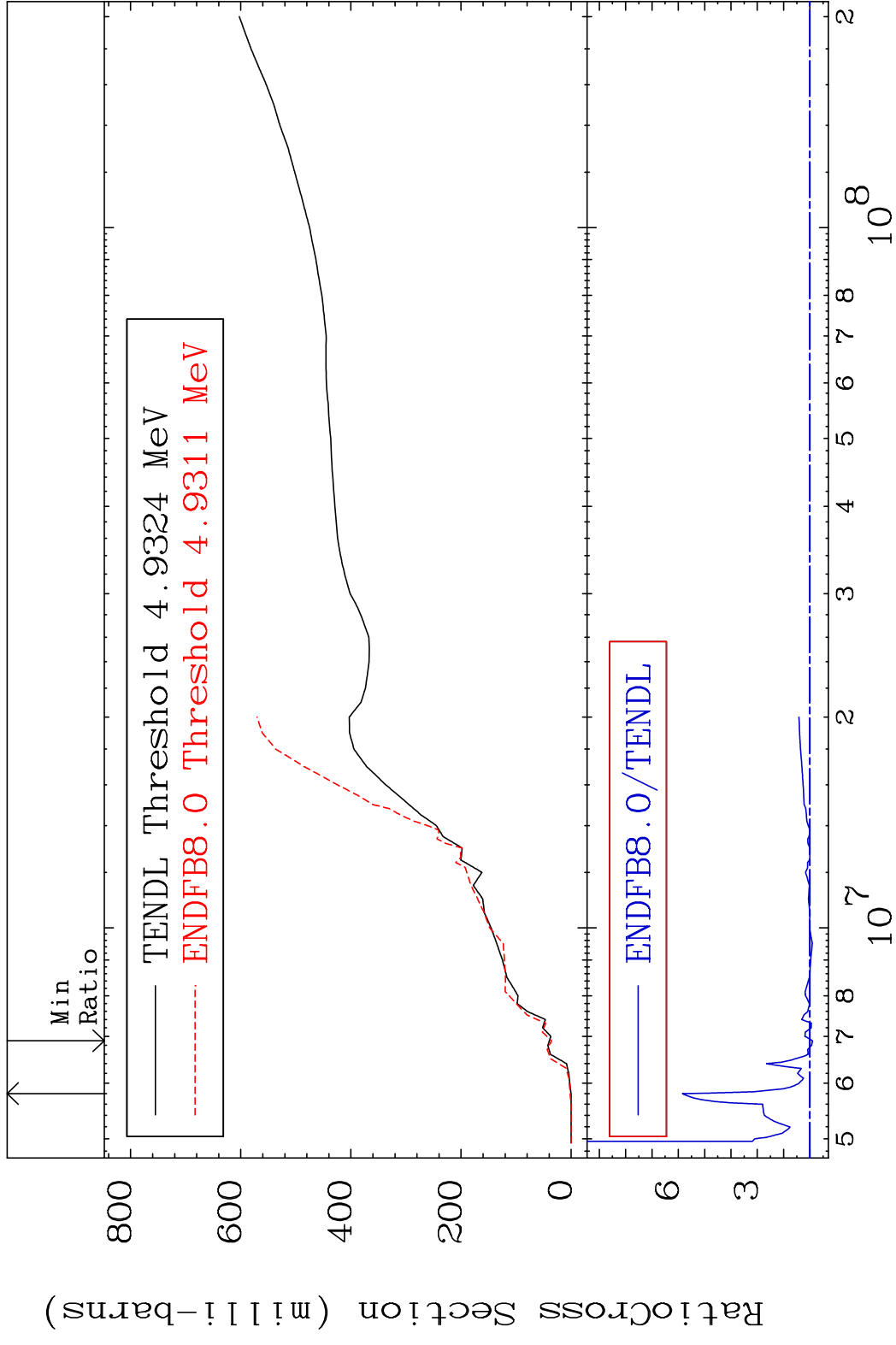
Incident Energy (eV)

12-Mg-24

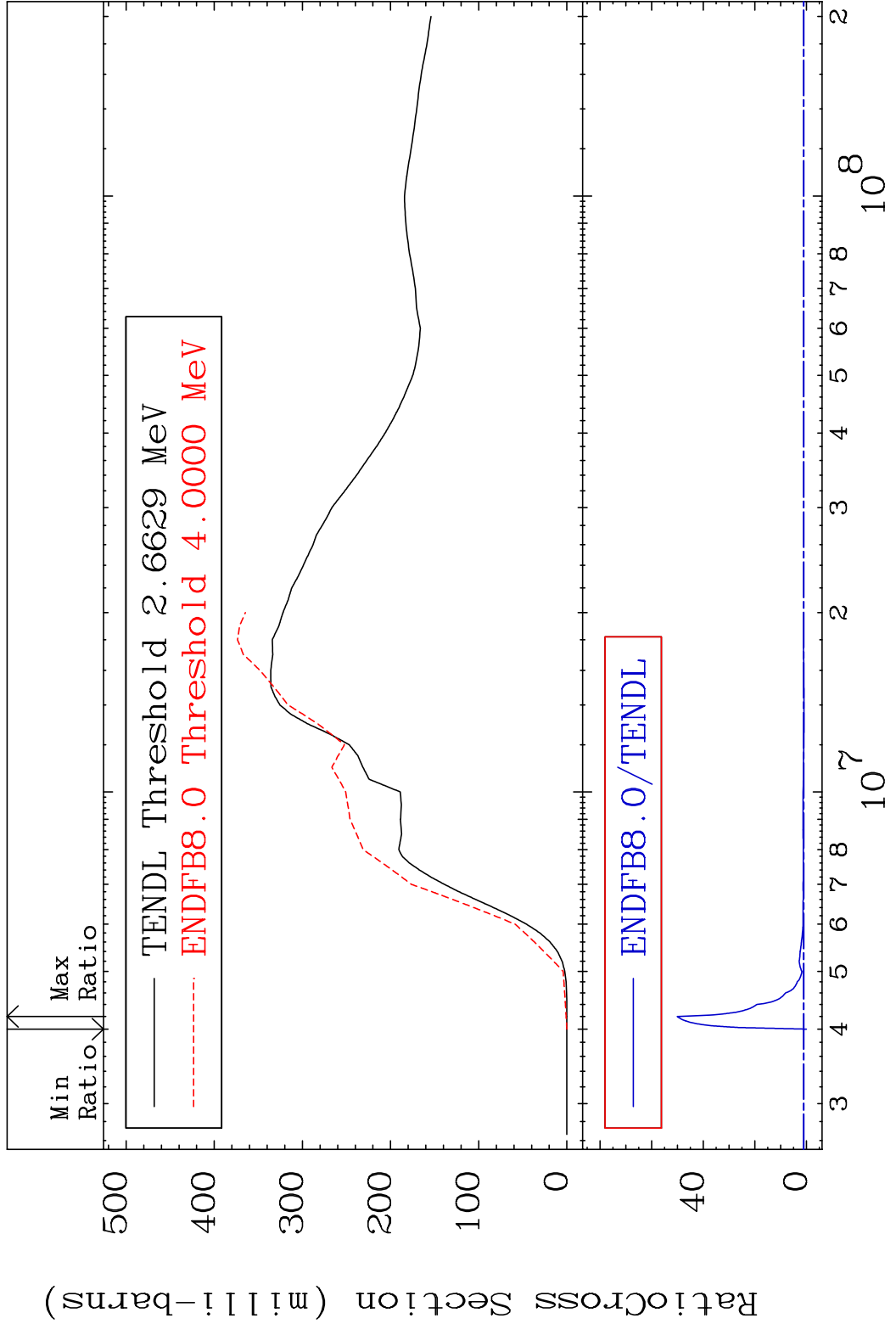
MAT 1225 (n, α) 12-Mg-24
 Cross Section -100.0 To 4909. %



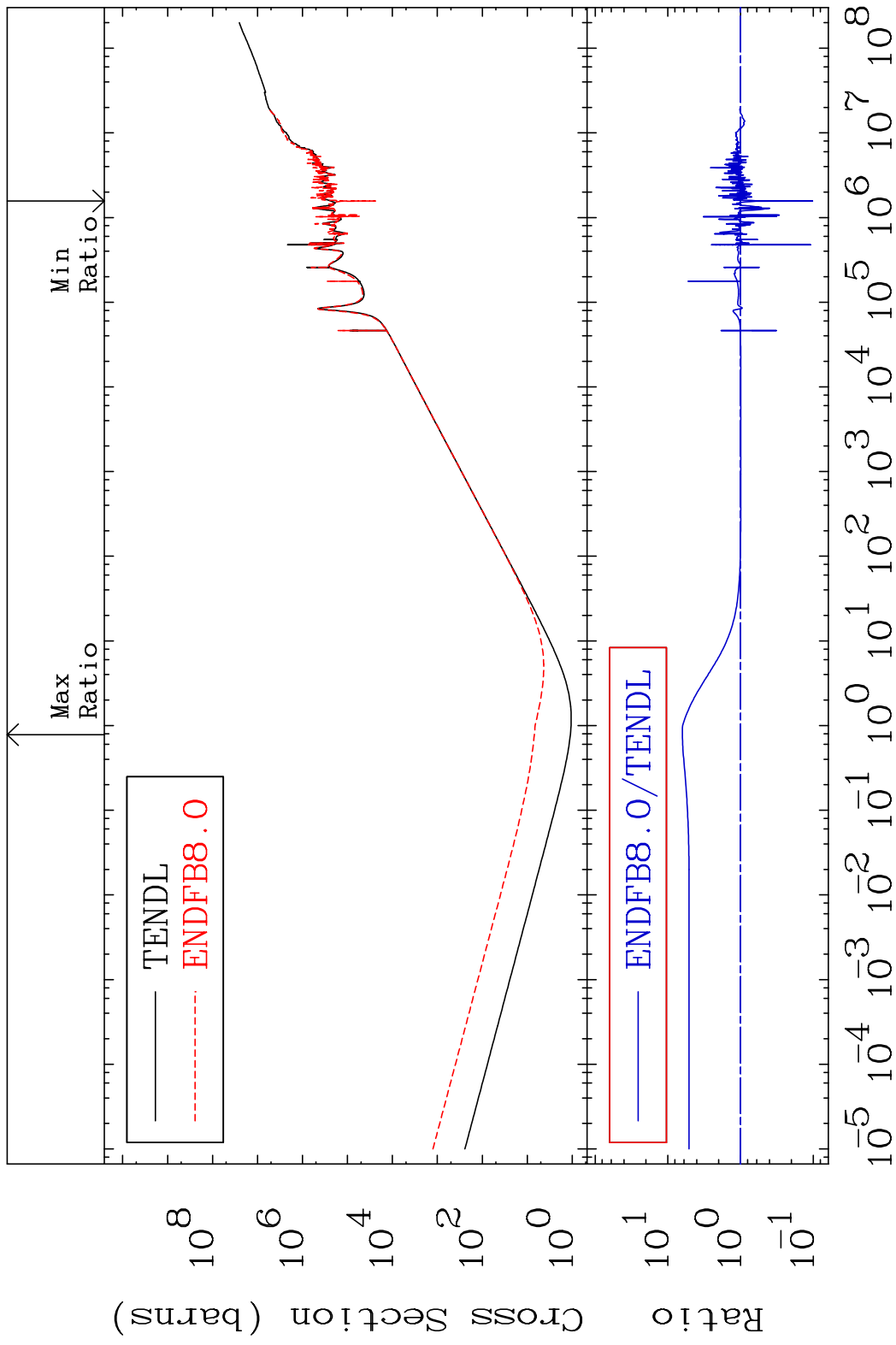
MAT 1225 Hydrogen Production 12-Mg-24
 Cross Section -9.858 To 484.6 %



MAT 1225 He-4 Production 12-Mg-24
 Cross Section -100.0 To 4909. %



MAT 1225 Kerma total (eV-barns) 12-Mg-24
 Cross Section -89.74 To 532.9 %

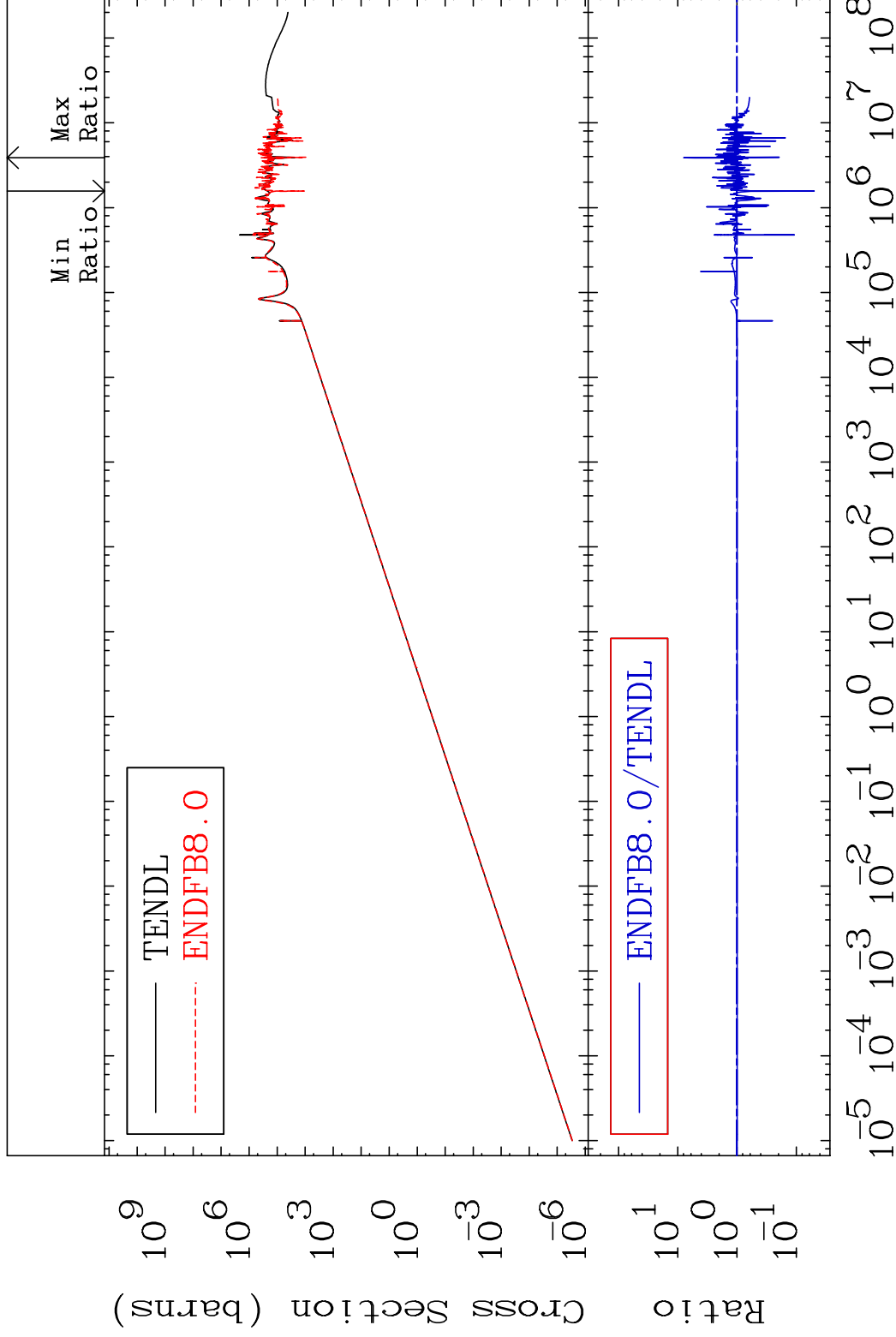


24 Incident Energy (eV) 12-Mg-24

MAT 1225

Kerma elastic
Cross Section

12-Mg-24
-95.00 To 694.7 %

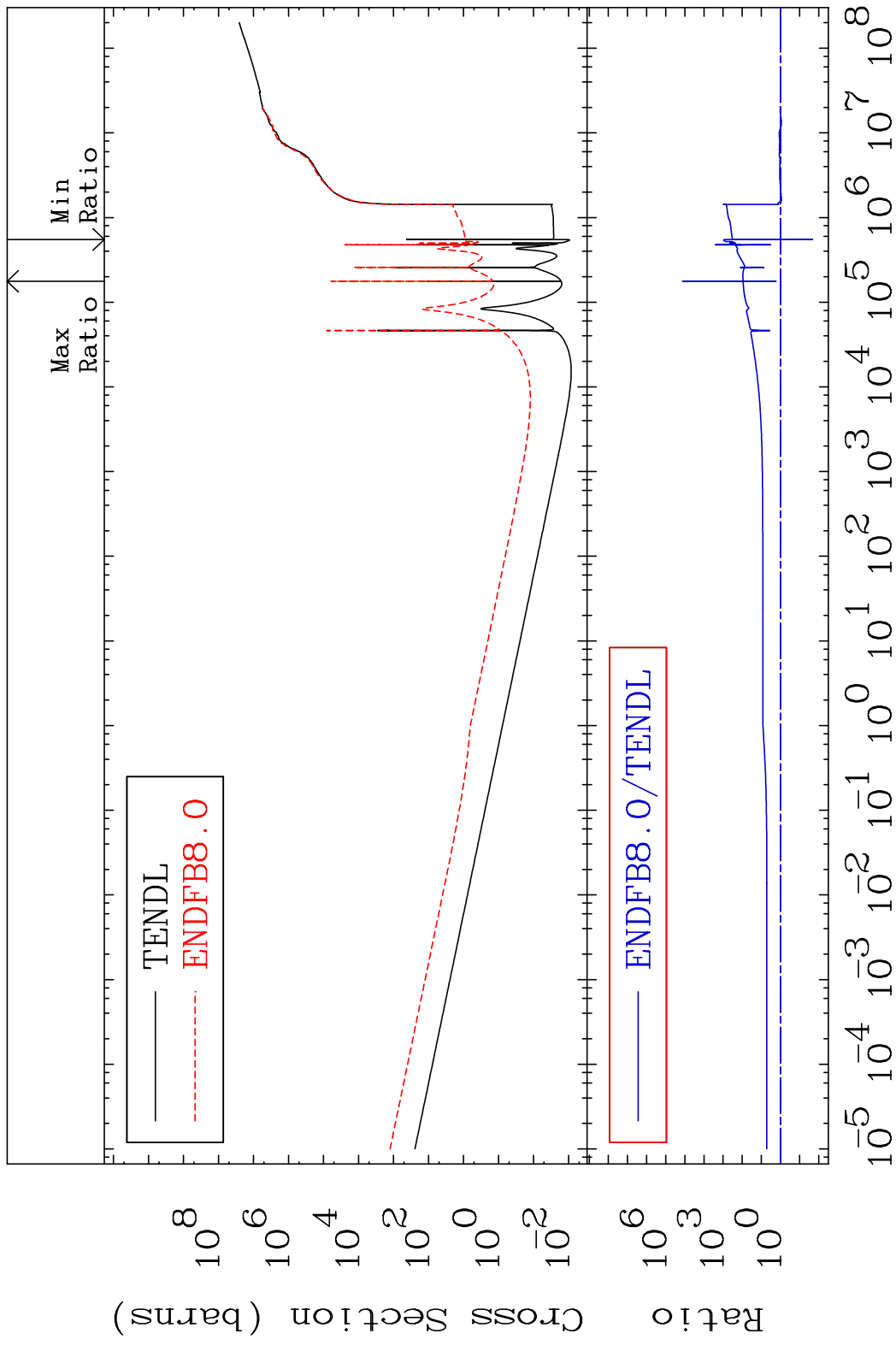


25

Incident Energy (eV)

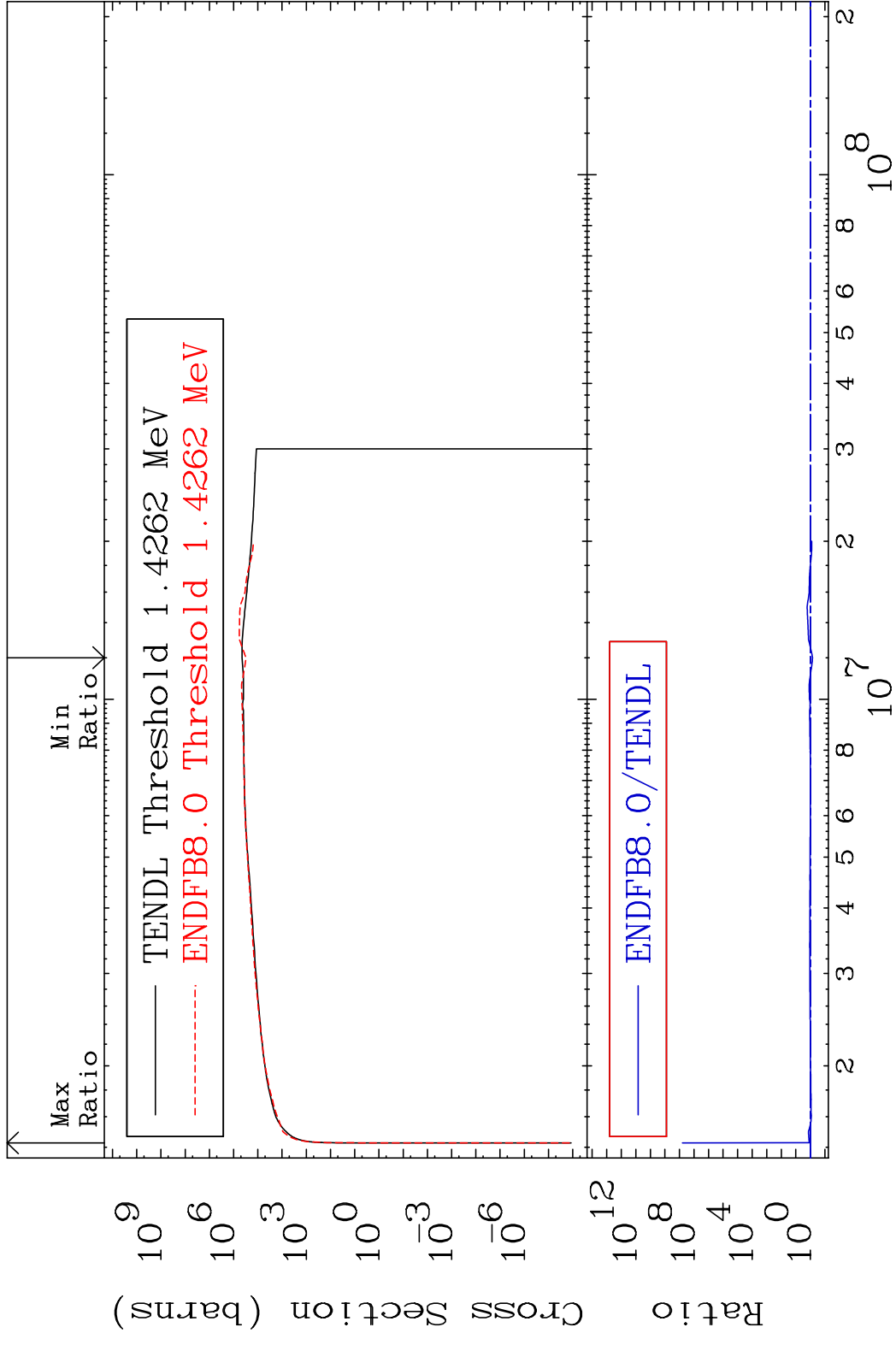
12-Mg-24

MAT 1225 Kerma non-elastic (all but mt2) 12-Mg-24
 Cross Section -97.91 To 9999. %

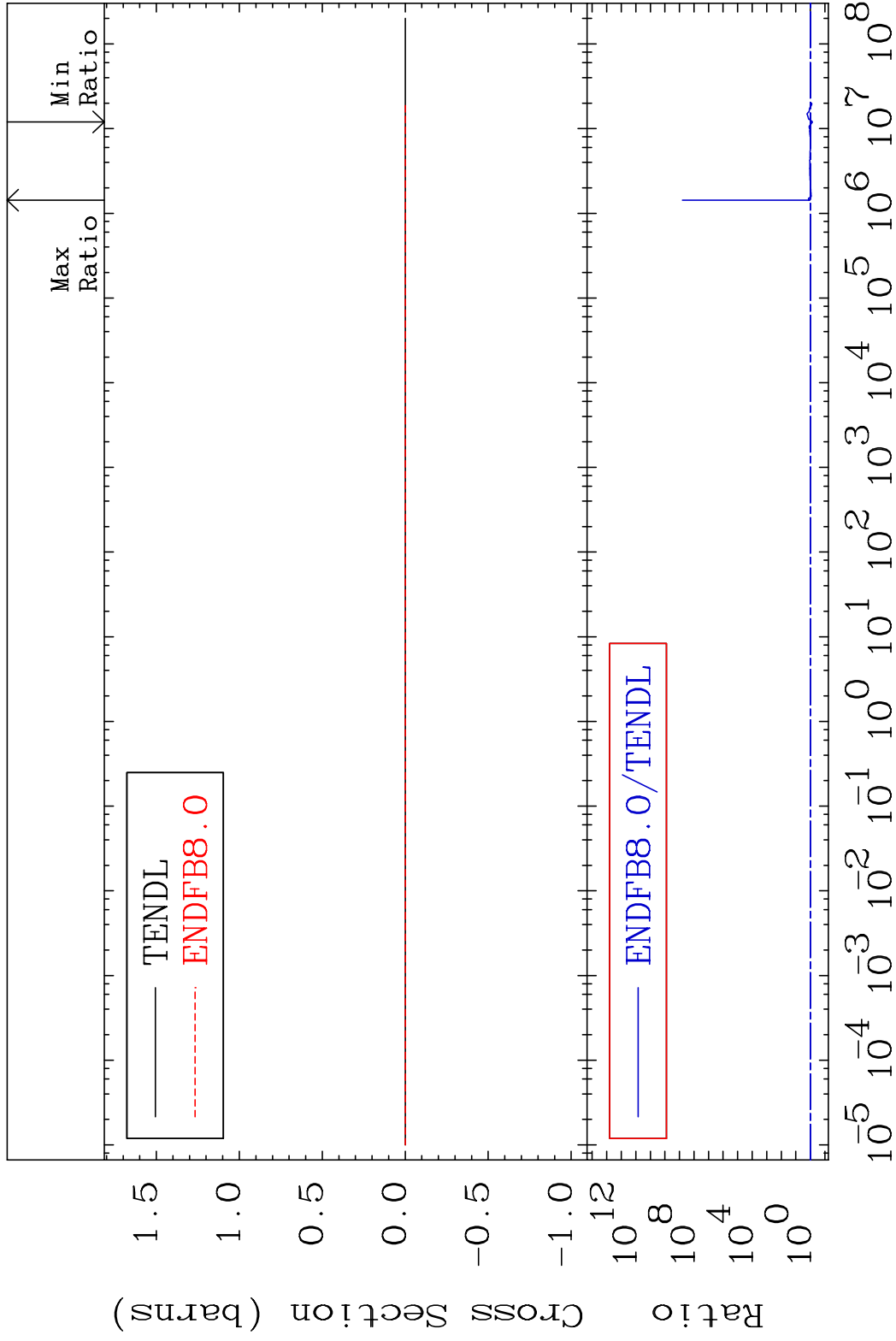


26 Incident Energy (eV) 12-Mg-24

MAT 1225 Kerma inelastic (mt51-91) 12-Mg-24
 Cross Section -29.62 To 9999. %

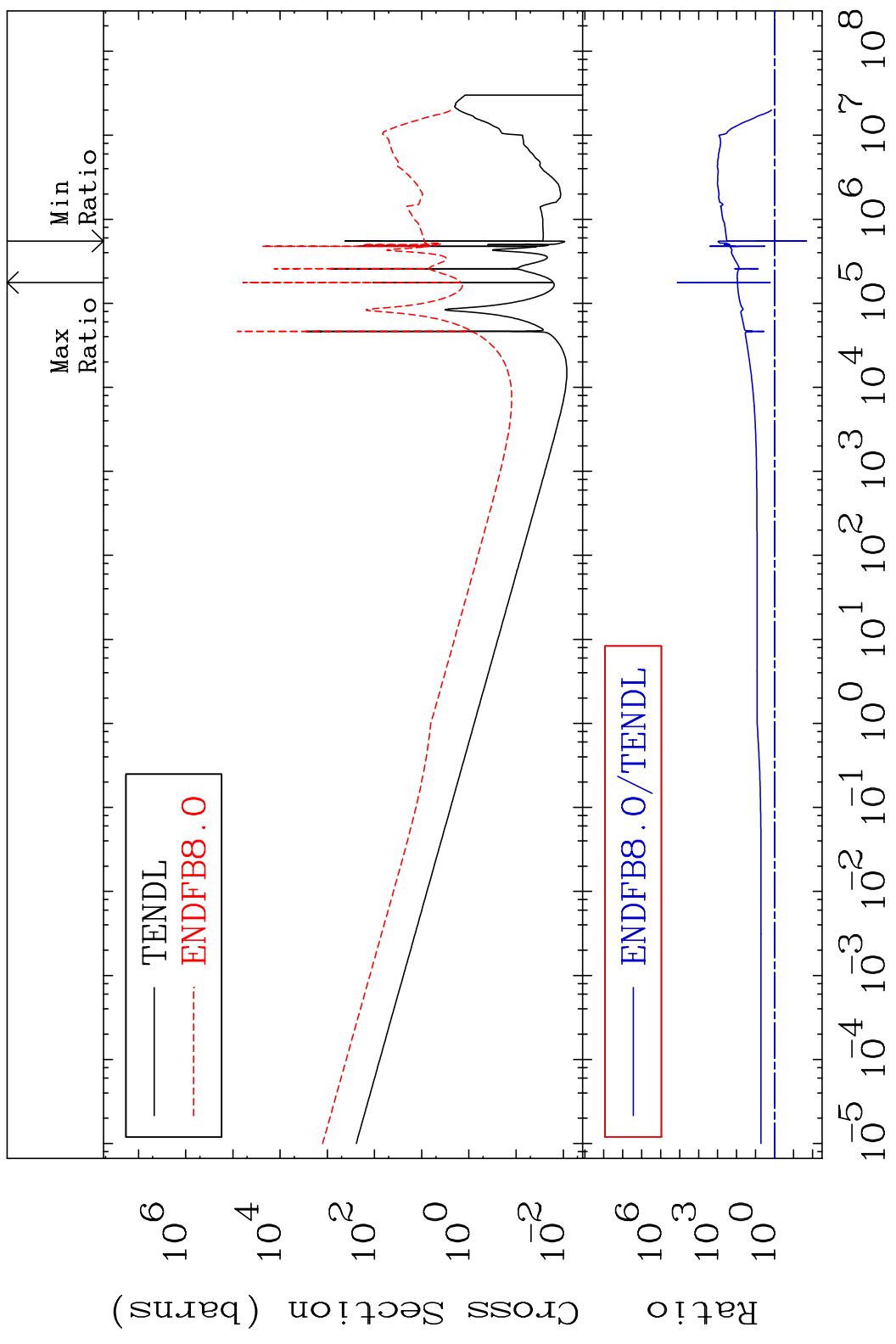


MAT 1225 Kerma fission (mt18 or mt19-20-21-38) 12-Mg-24
 Cross Section -29.62 To 9999. %



MAT 1225

Kerma capture (mt102) 12-Mg-24
Cross Section -97.91 To 9999. %



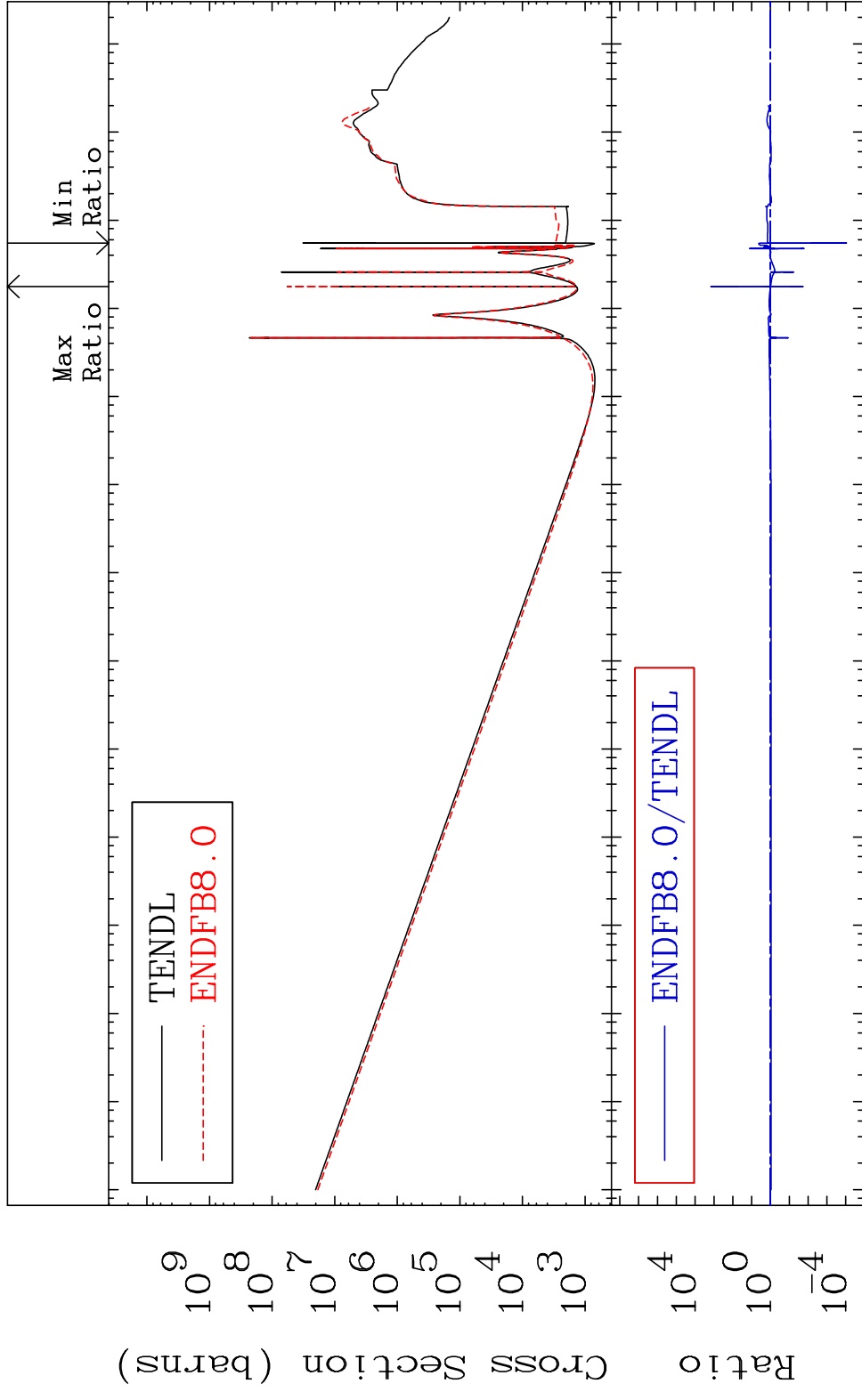
29

Incident Energy (eV)

12-Mg-24

MAT 1225

Total photon (eV-barns) 12-Mg-24
Cross Section -99.99 To 9999. %

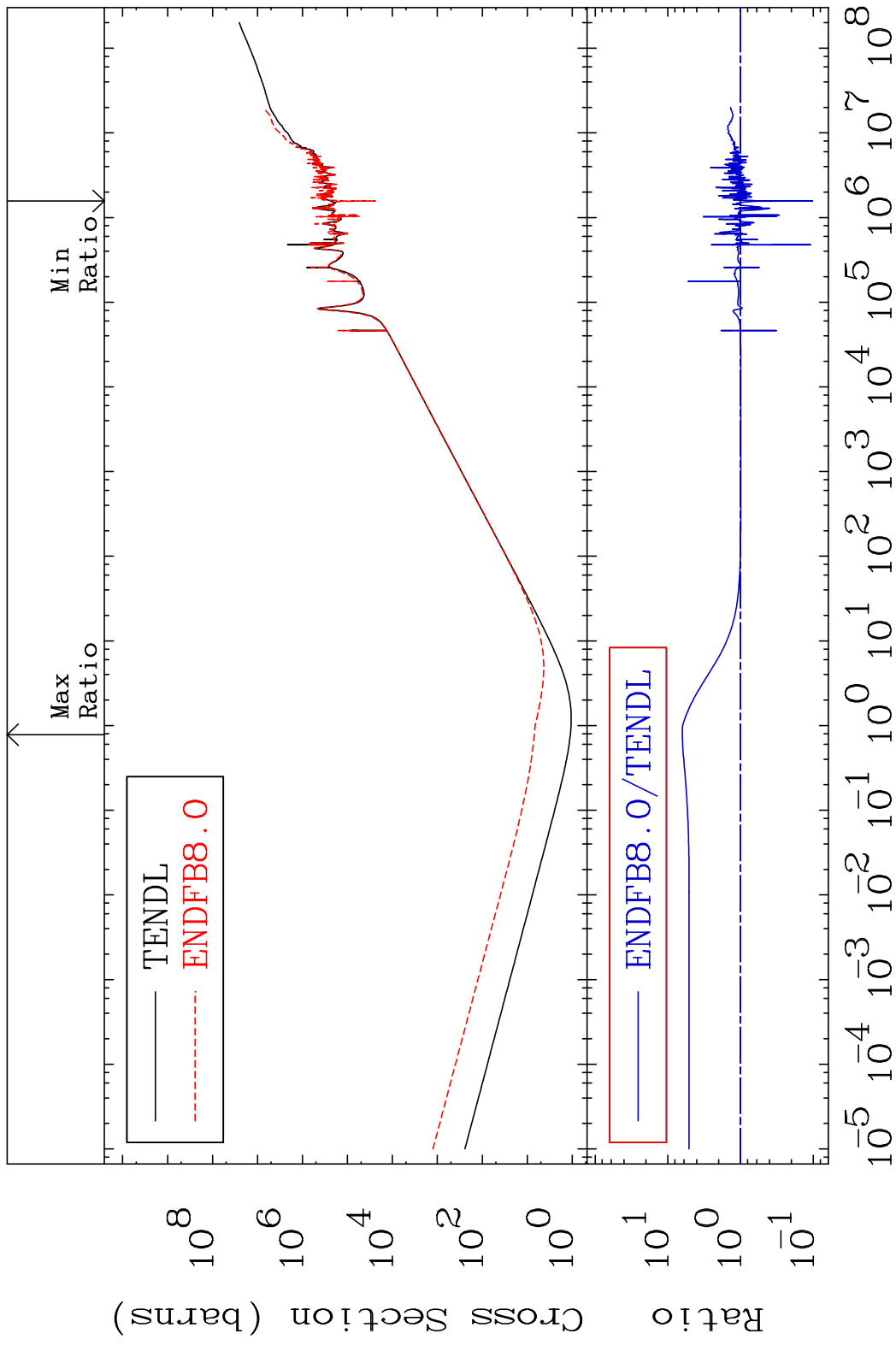


30

Incident Energy (eV)

12-Mg-24

MAT 1225 Total kinematic kerma (high limit) 12-Mg-24
 Cross Section -89.74 To 532.9 %

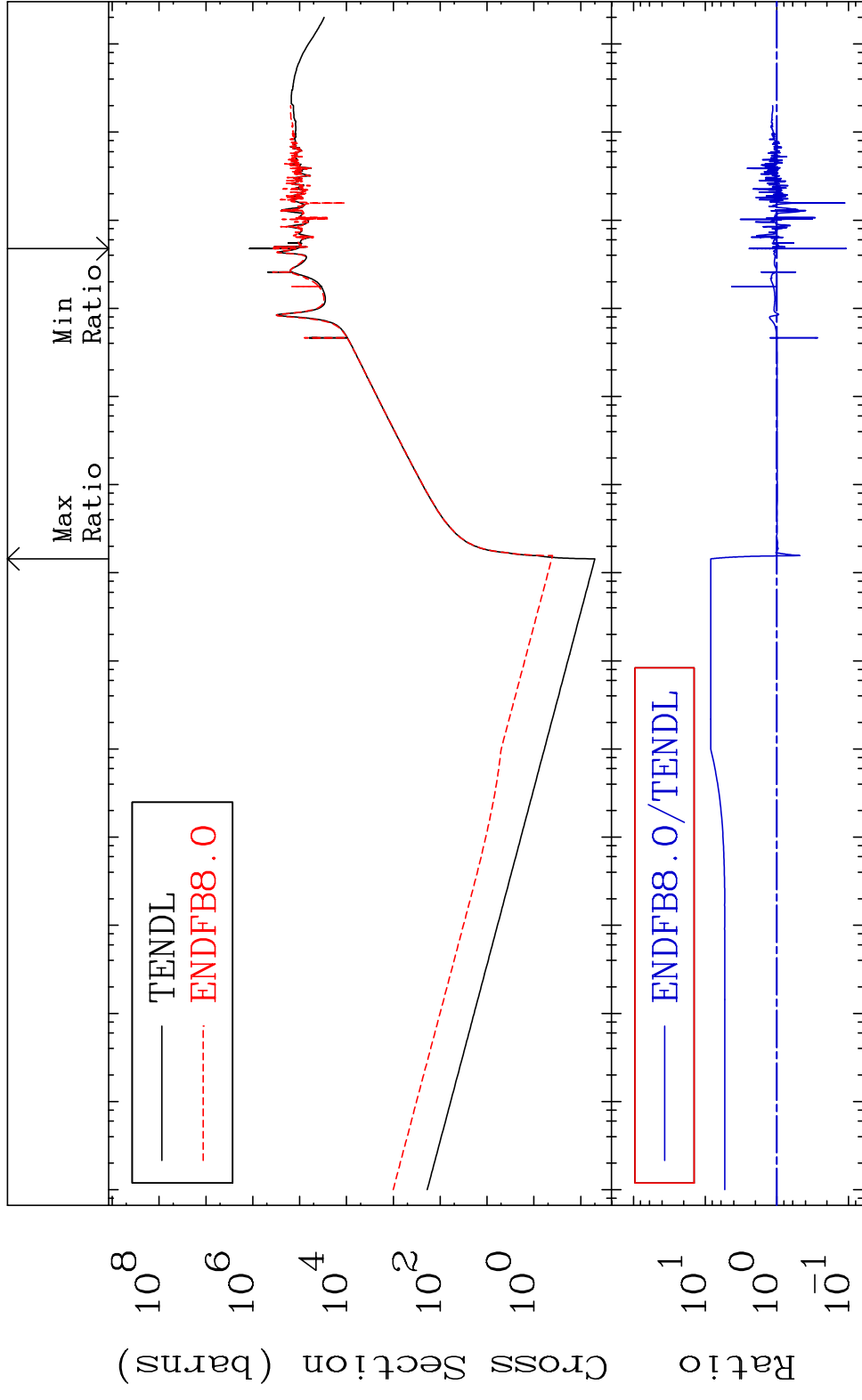


MAT 1225

Dpa total (eV-barns)

12-Mg-24

Cross Section -89.24 To 737.0 %

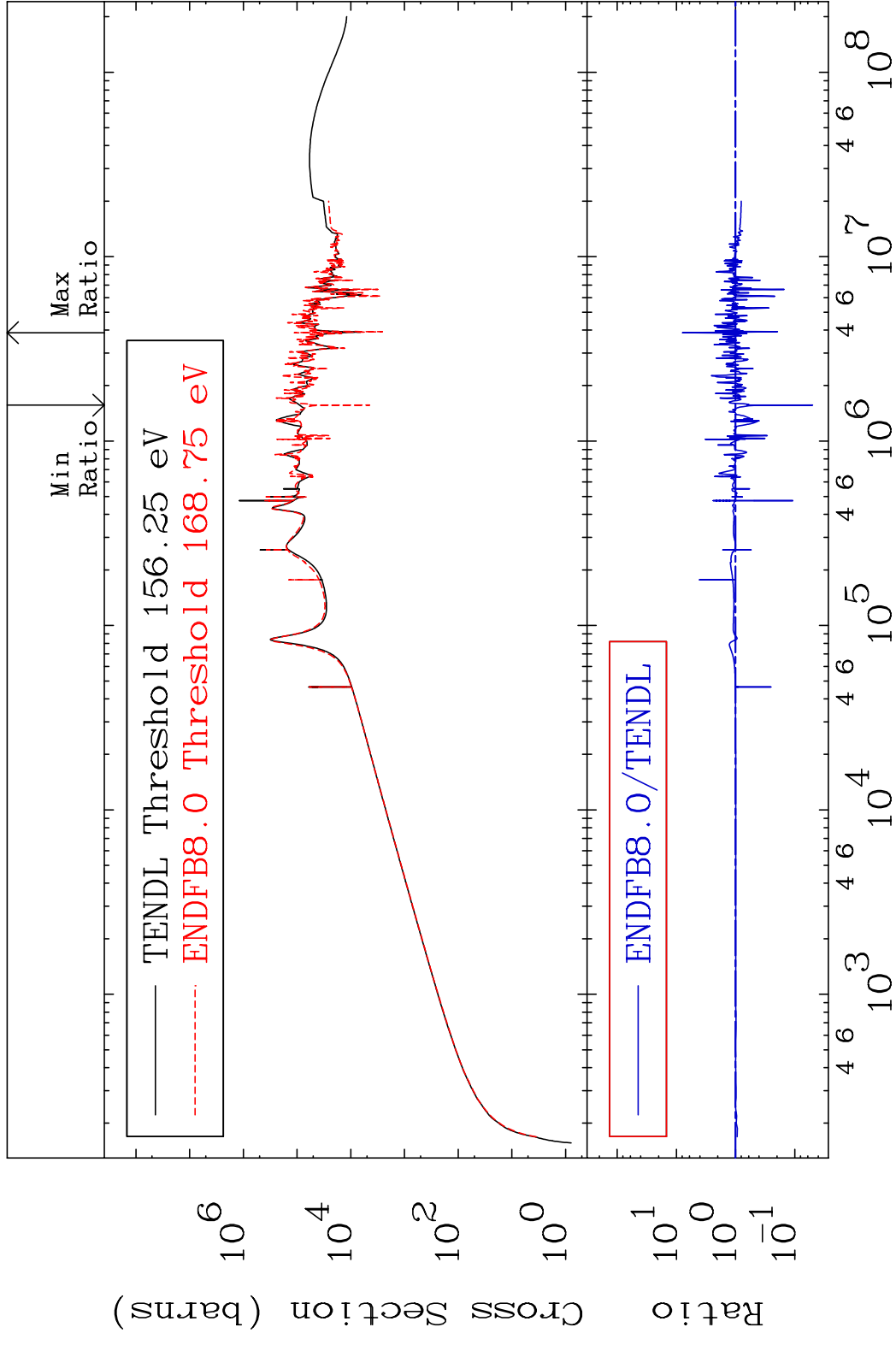


32

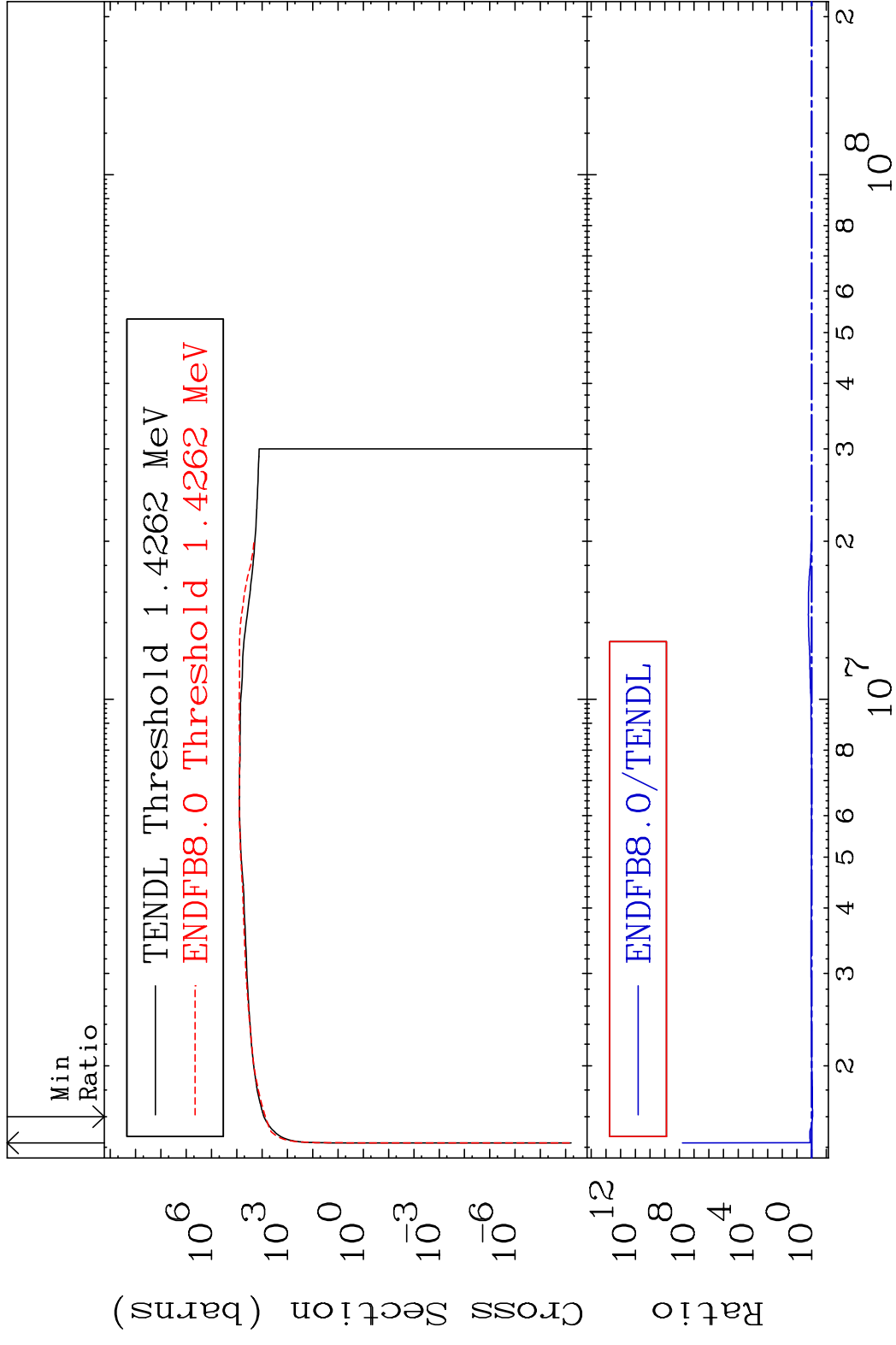
Incident Energy (eV)

12-Mg-24

MAT 1225 Dpa elastic (mt2) 12-Mg-24
 Cross Section -95.00 To 692.9 %



MAT 1225 Dpa inelastic (mt51-91) 12-Mg-24
 Cross Section -12.85 To 9999. %



MAT 1225 Dpa disappearance (mt102 -120) 12-Mg-24
 Cross Section -99.92 To 9999. %

