

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

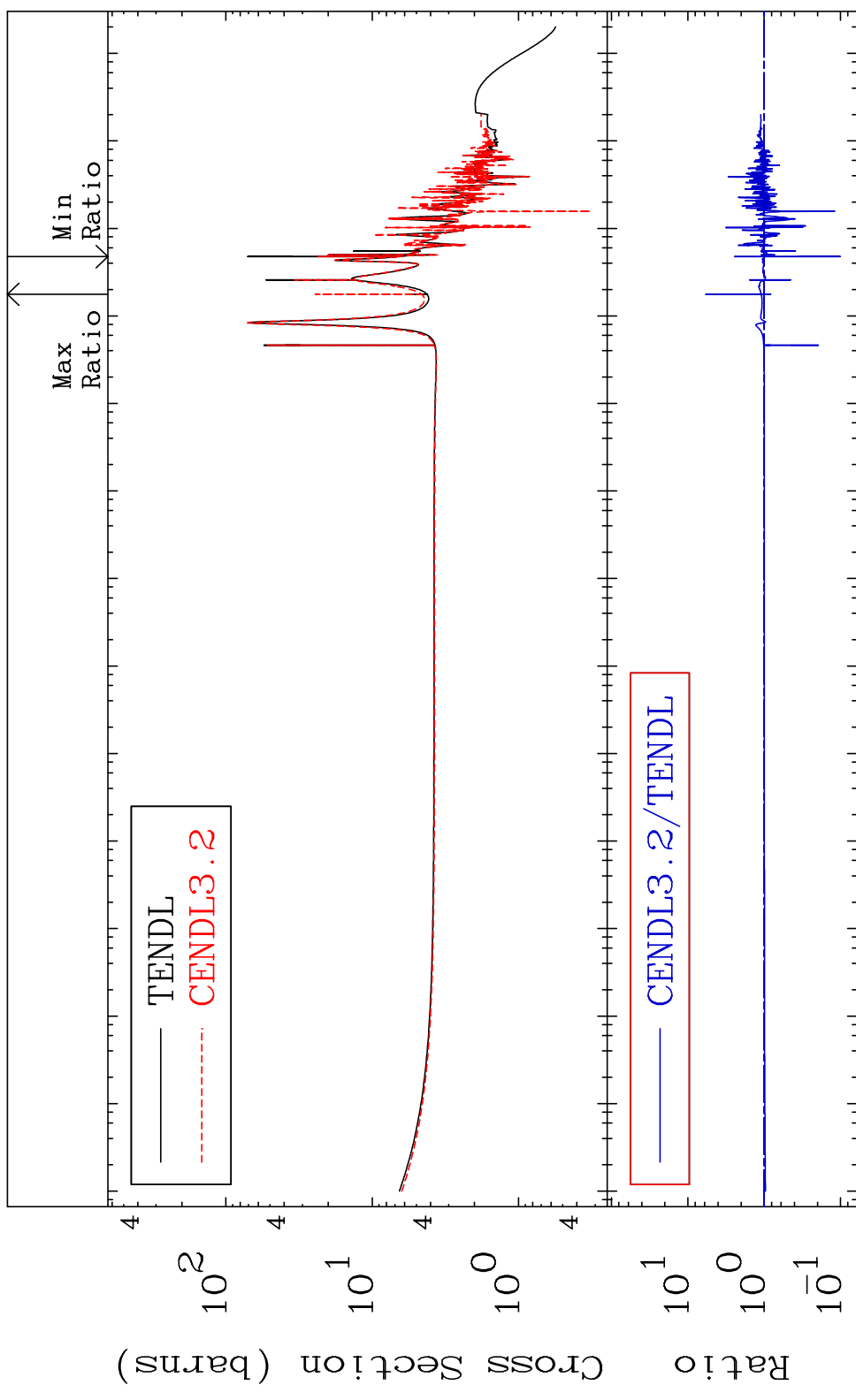
MAT 1225

Total

12-Mg-24

Cross Section

-89.99 To 481.5 %



1

Incident Energy (eV)

12-Mg-24

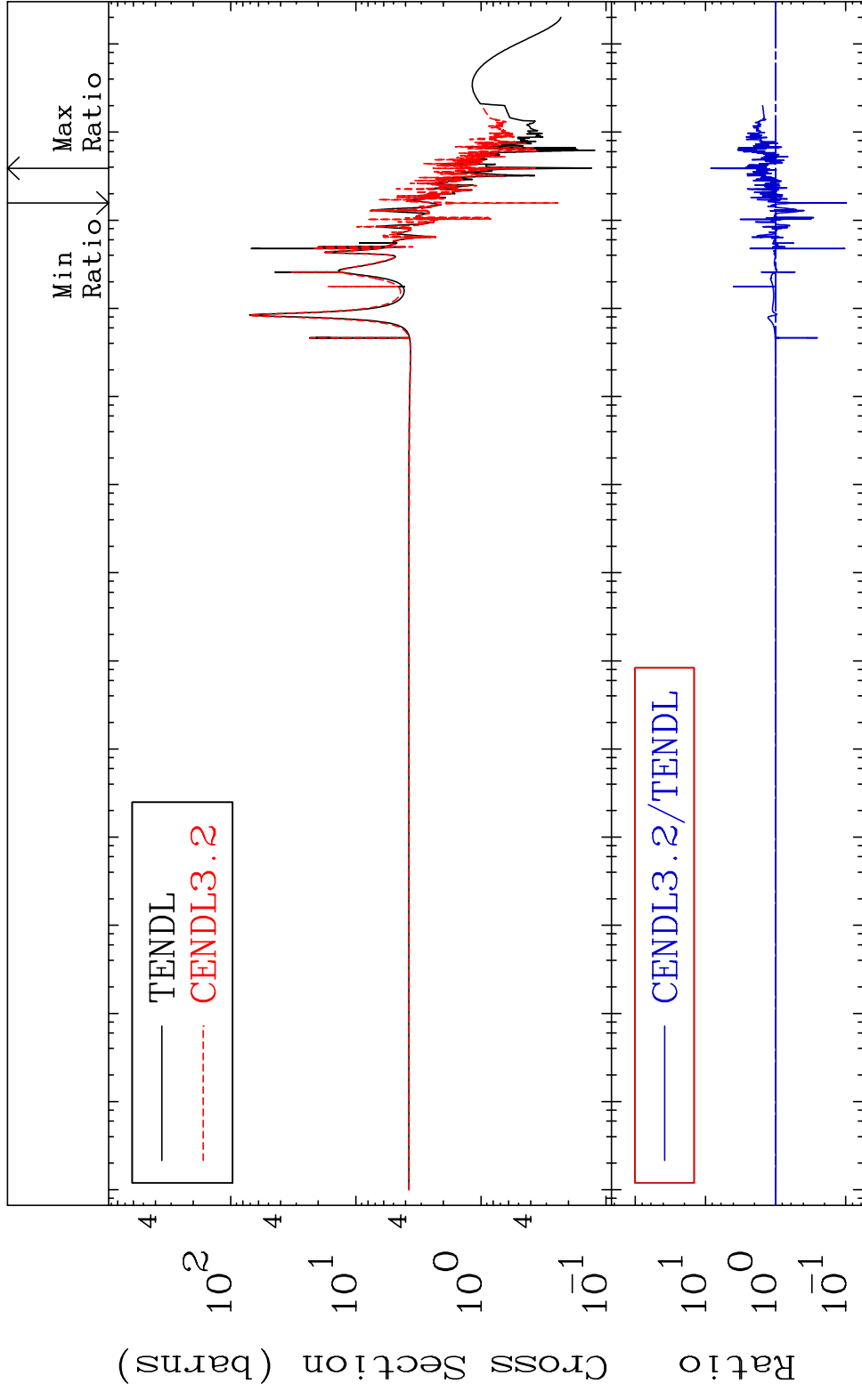
MAT 1225

Elastic

12-Mg-24

Cross Section

-90.21 To 741.0 %

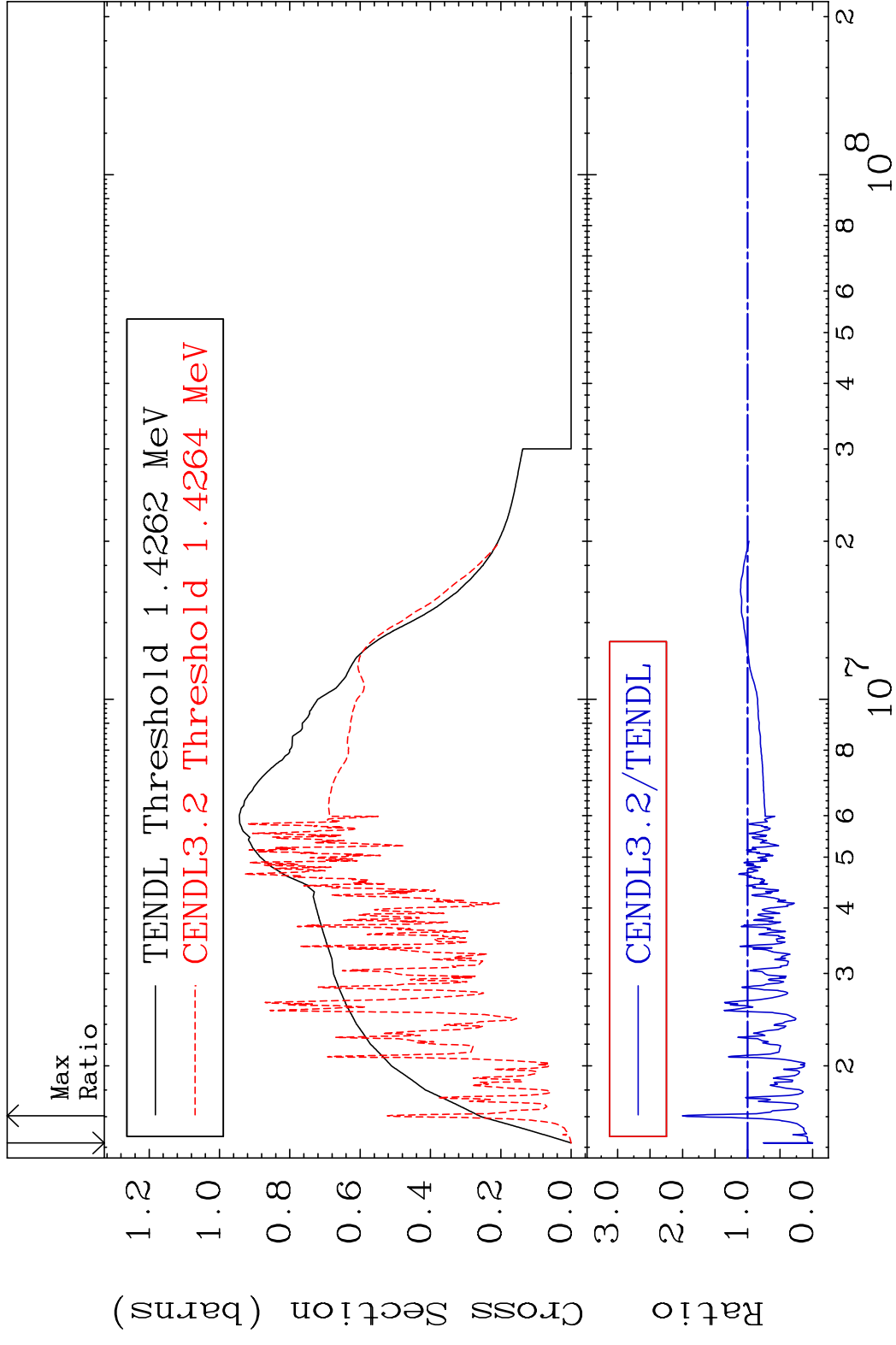


2

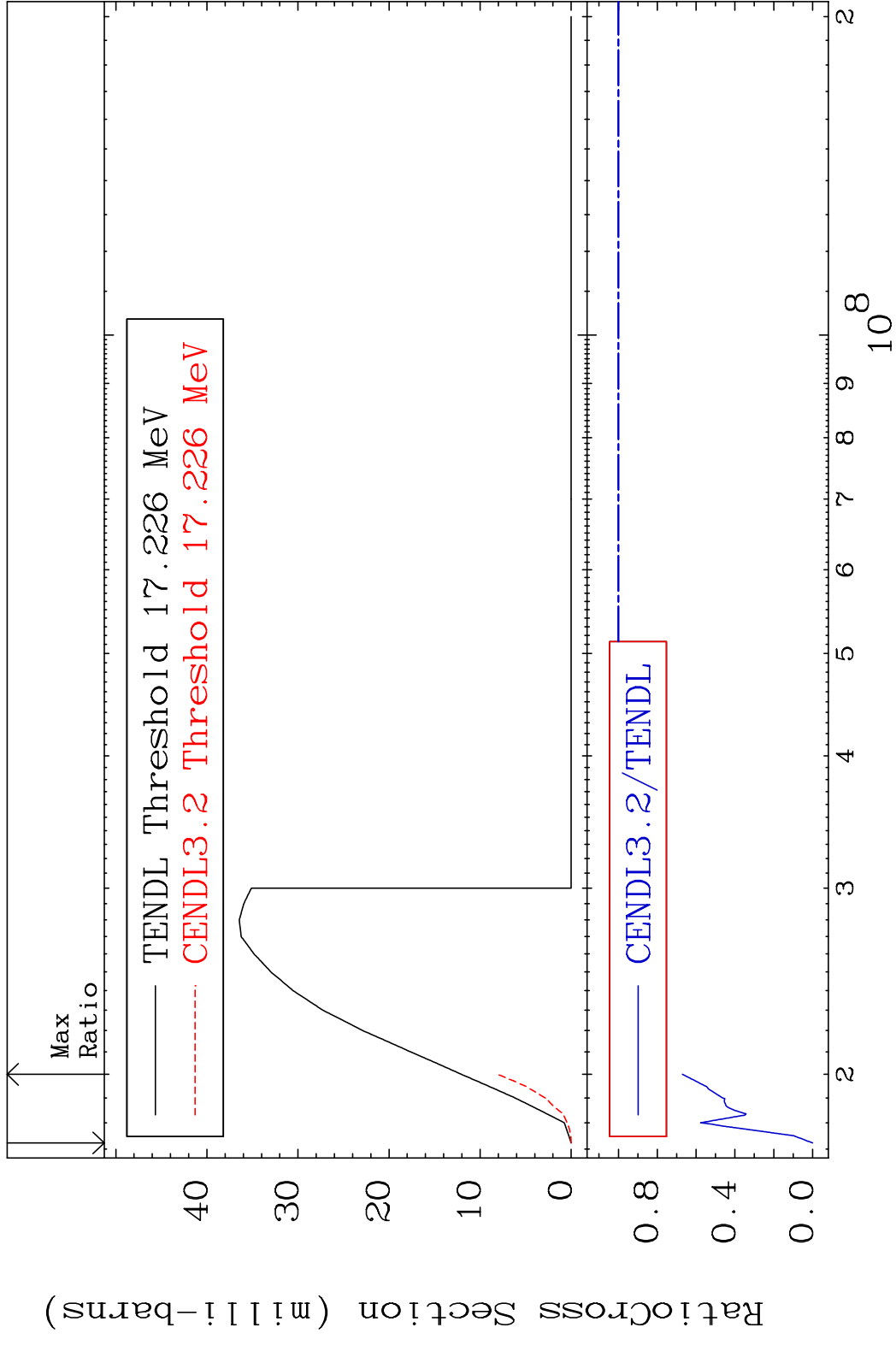
Incident Energy (eV)

12-Mg-24

MAT 1225 Inelastic 12-Mg-24
 Cross Section -100.0 To 100.3 %

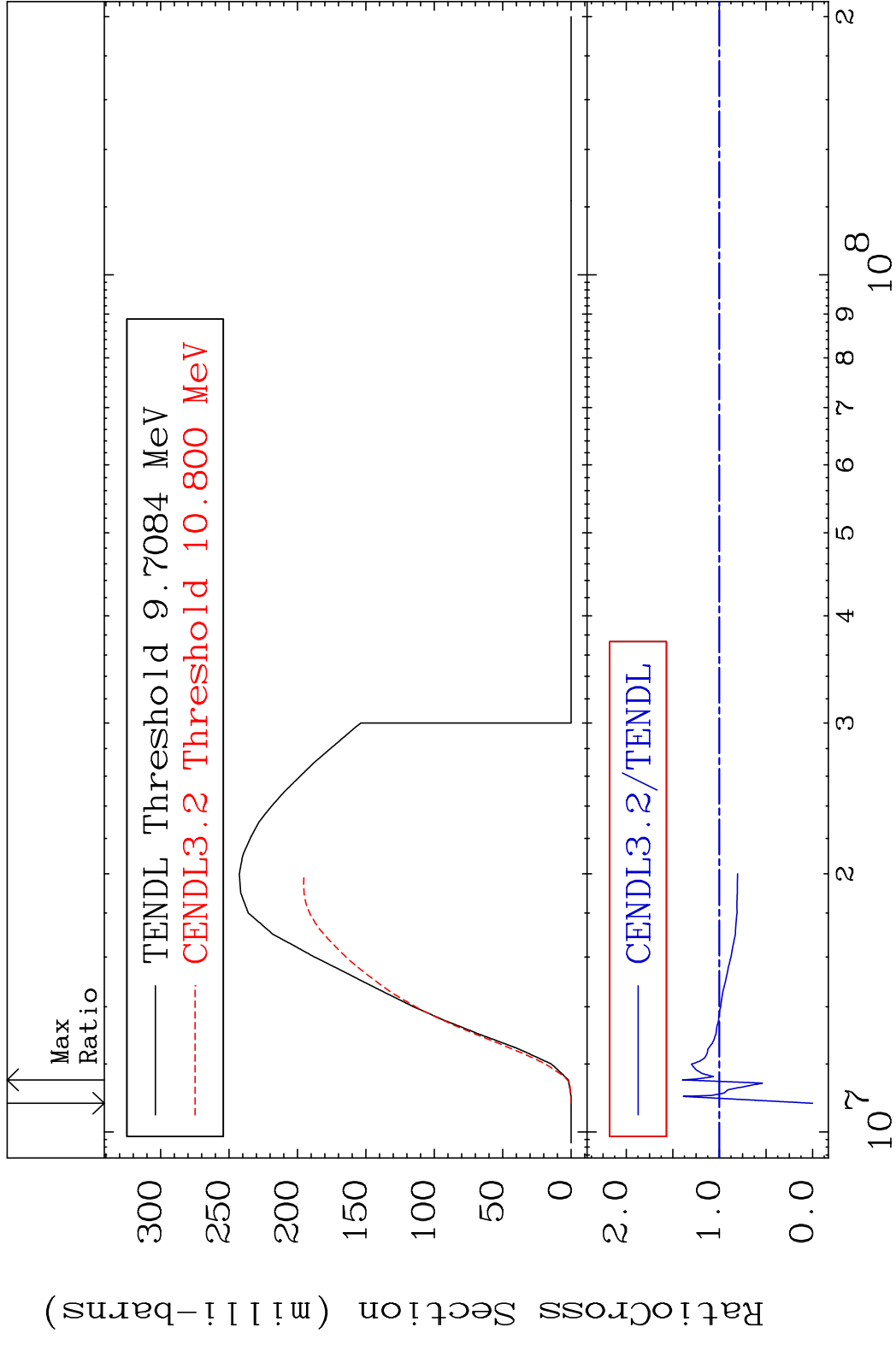


MAT 1225 (n,2n) 12-Mg-24
 Cross Section -100.0 To -32.93%



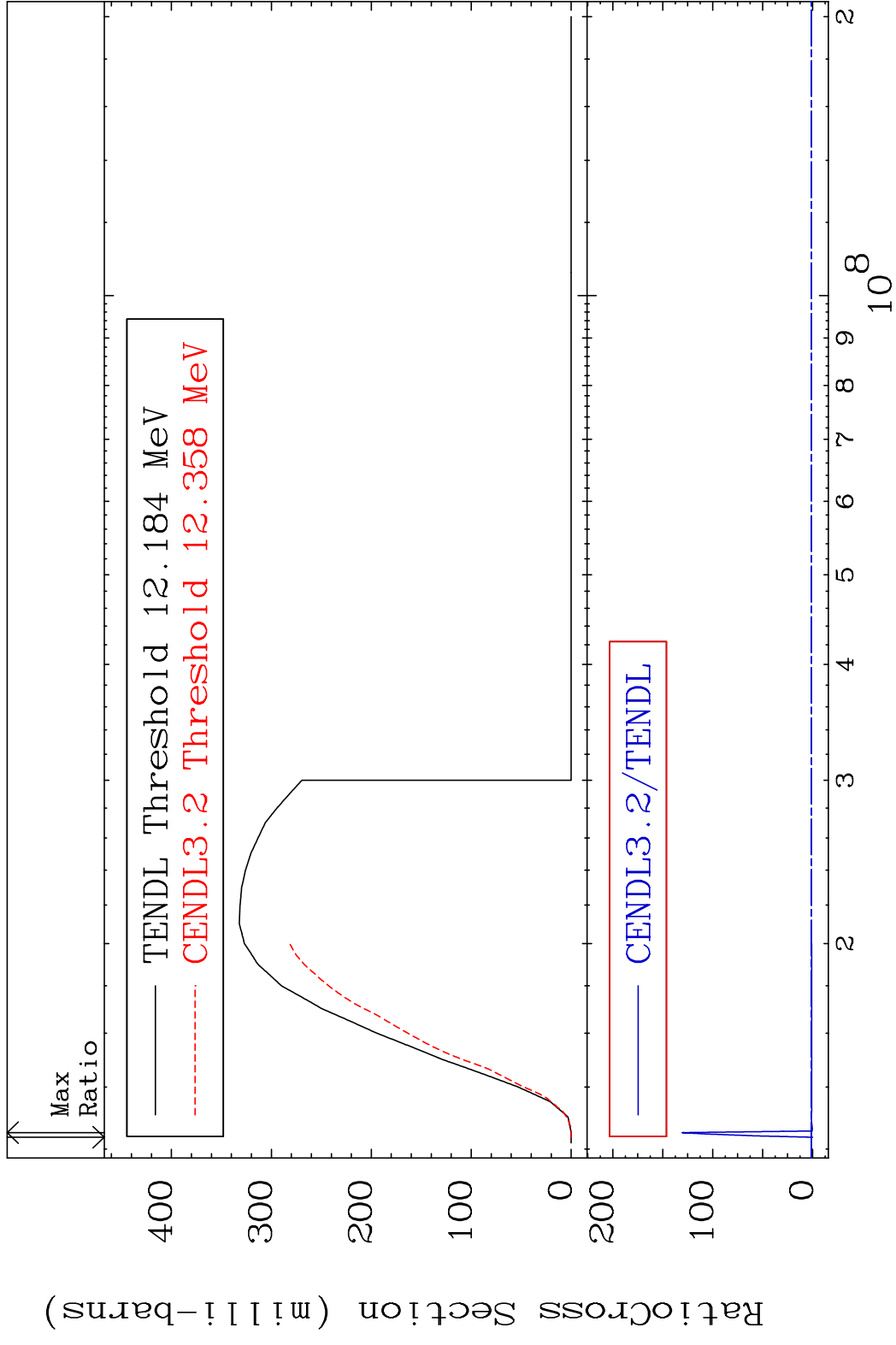
4 12-Mg-24

MAT 1225 (n, n') α 12-Mg-24
 Cross Section -100.0 To 39.75 %

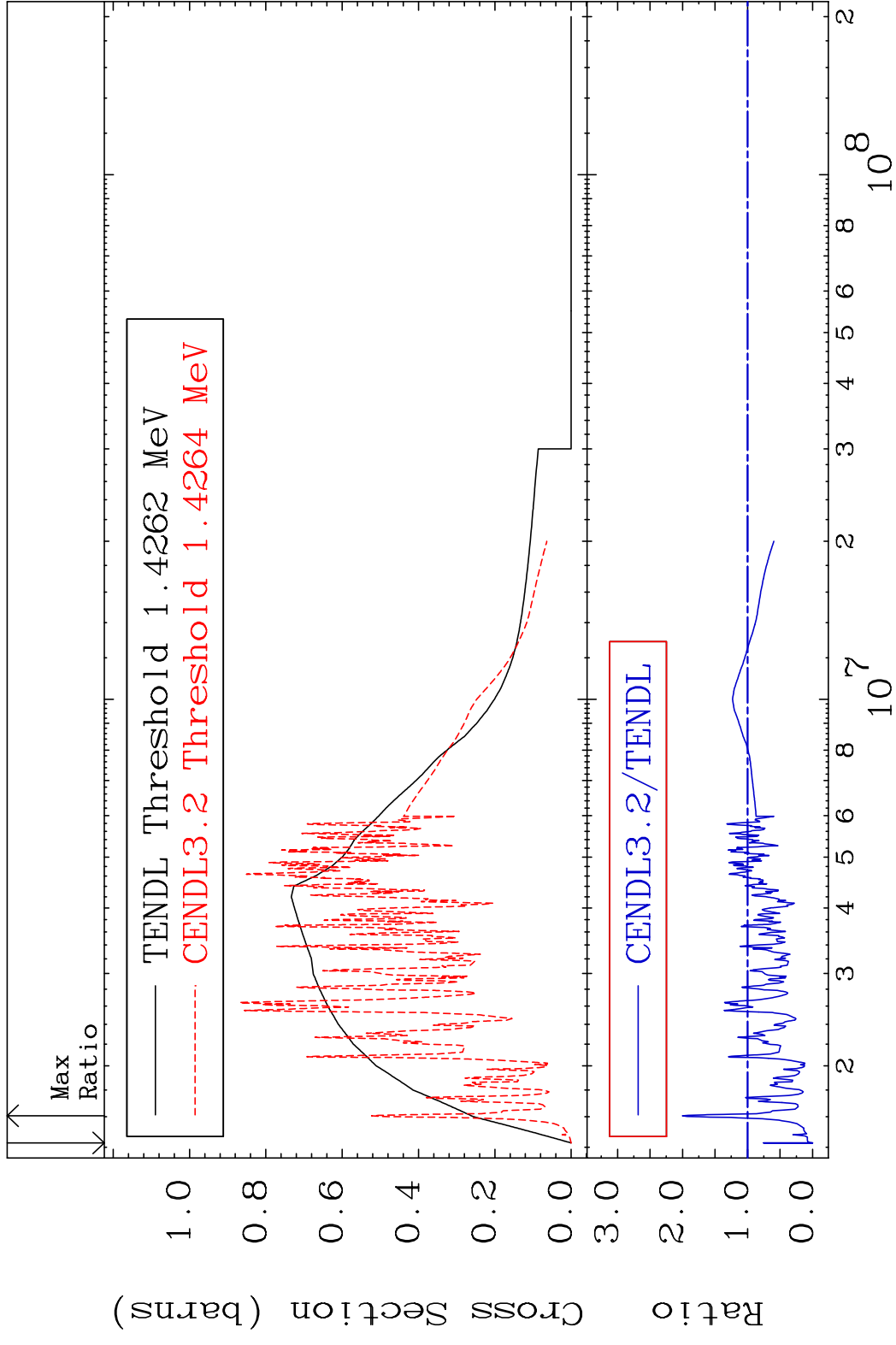


5 12-Mg-24

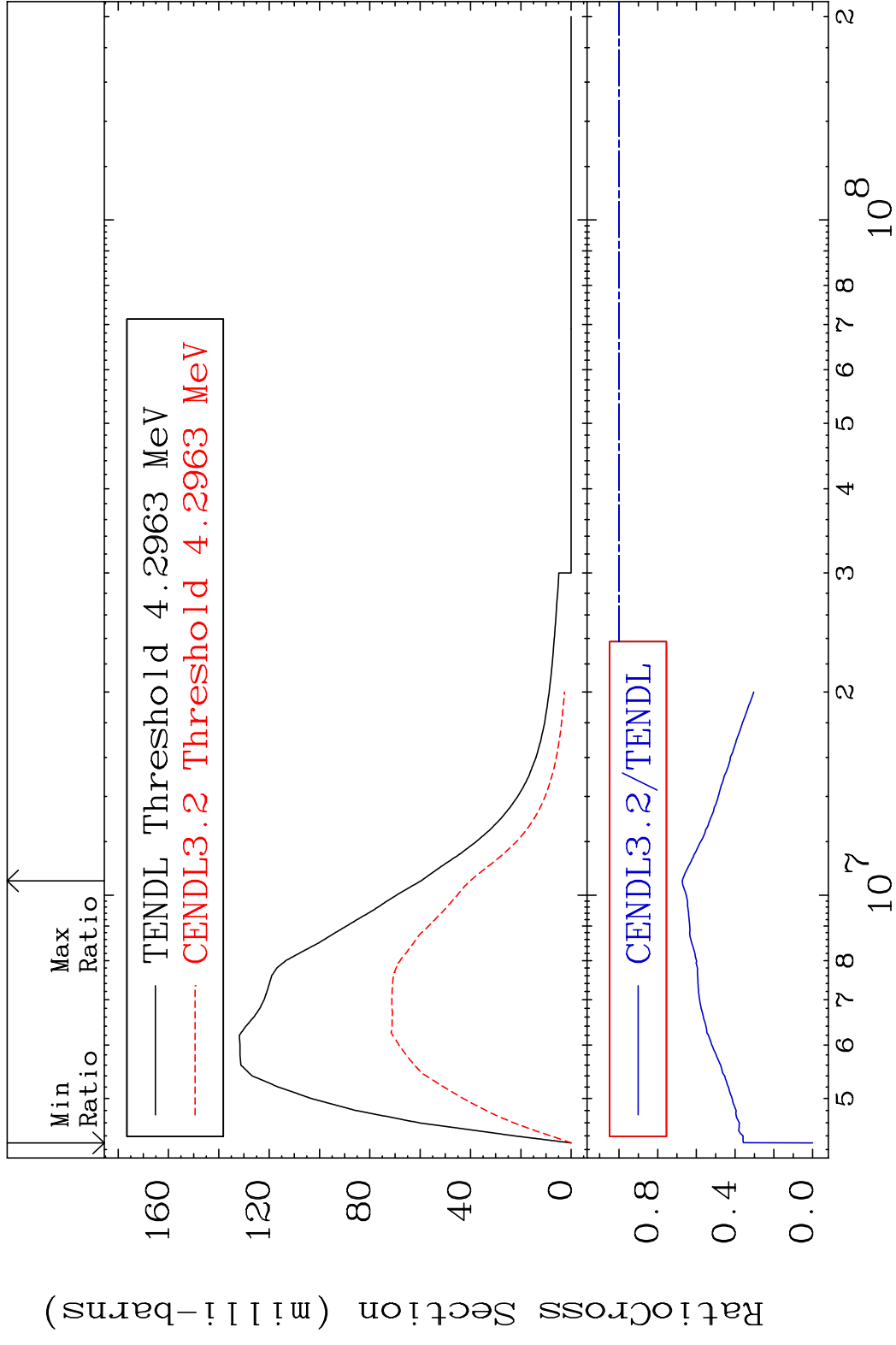
MAT 1225 (n, n') p 12-Mg-24
 Cross Section -100.0 To 9999. %



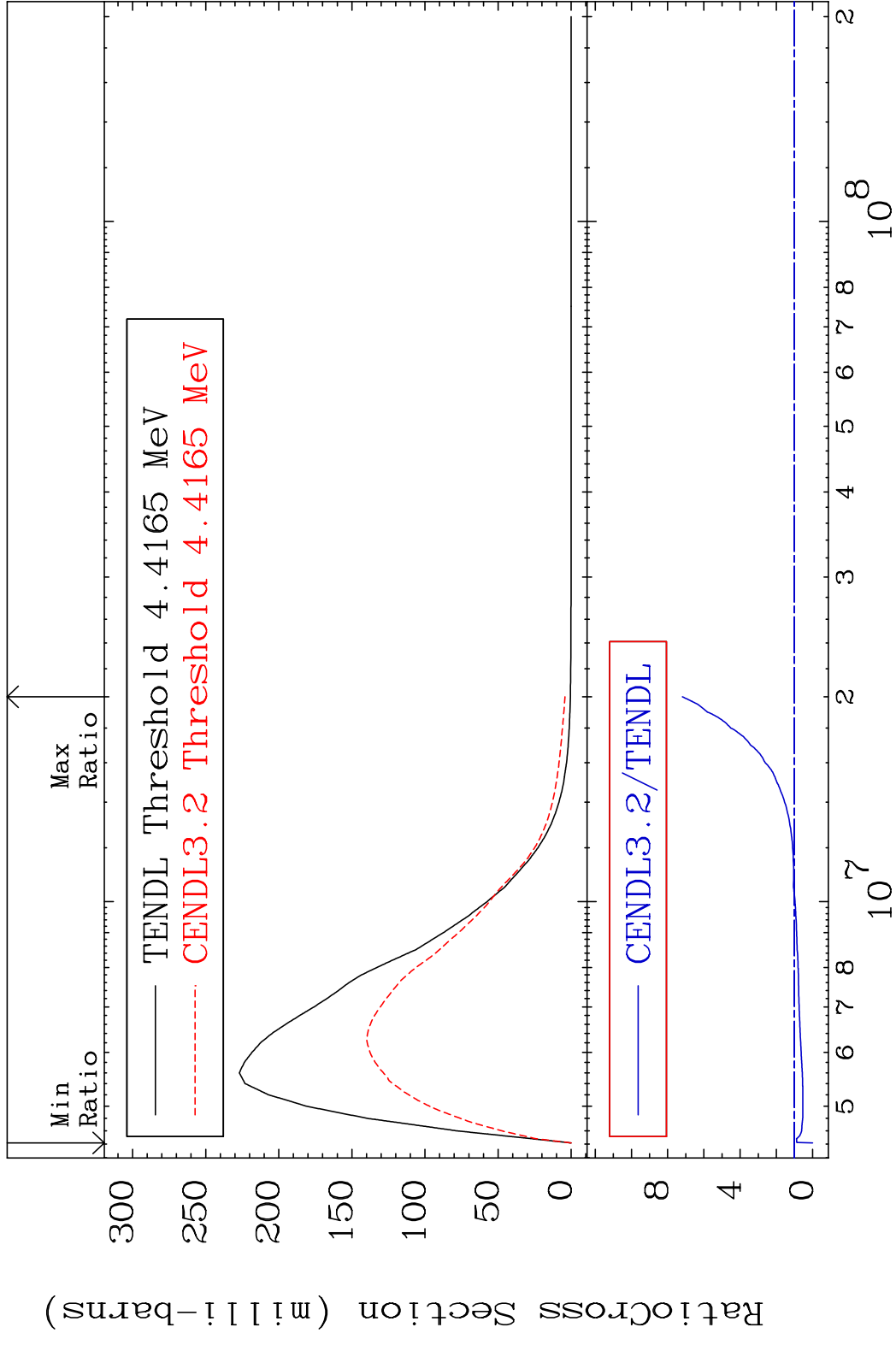
MAT 1225 MT= 51 (n,n') Level 12-Mg-24
 Cross Section -100.0 To 100.3 %



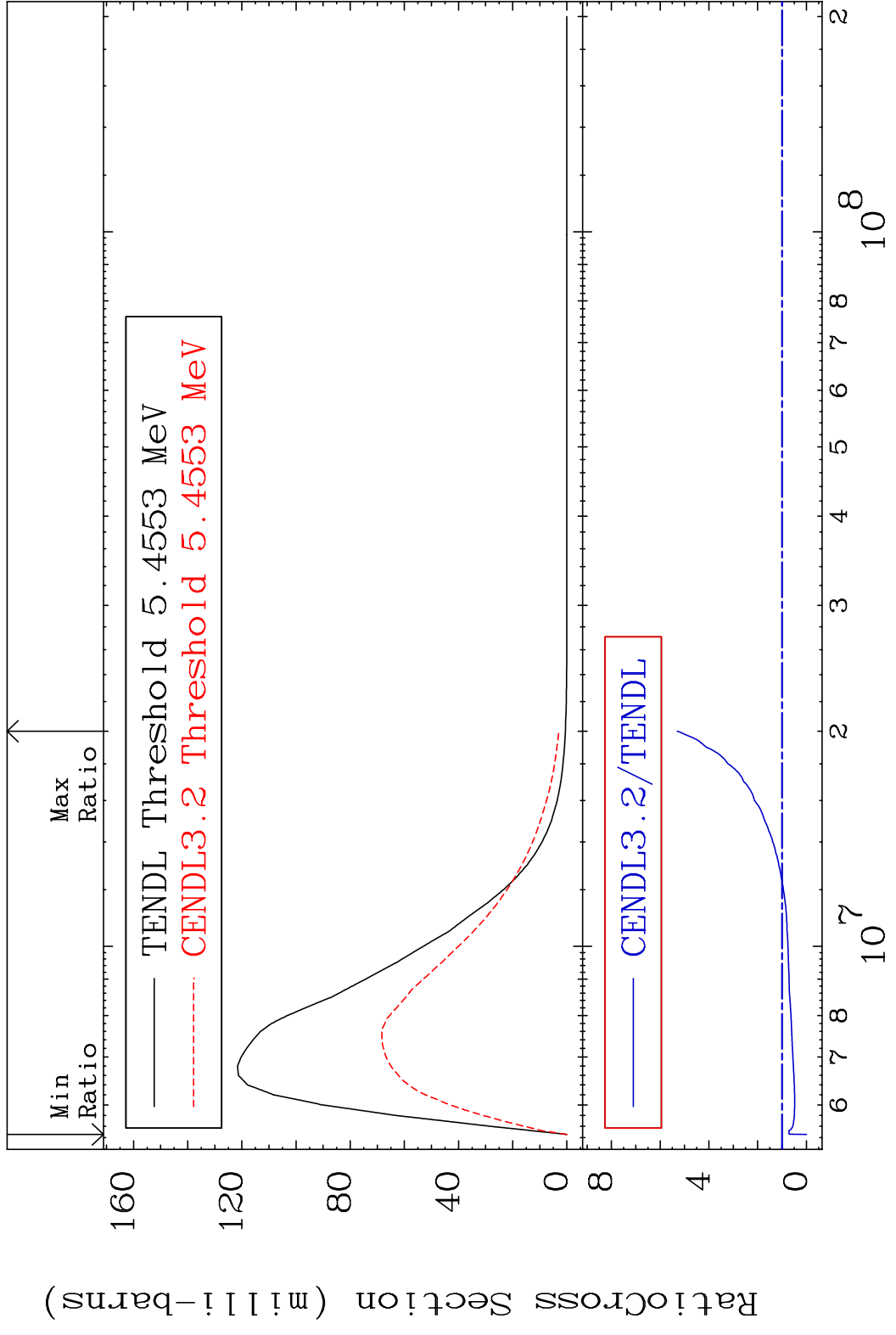
MAT 1225 MT= 52 (n, n') Level 12-Mg-24
 Cross Section -100.0 To -32.75%



MAT 1225 MT= 53 (n, n') Level 12-Mg-24
 Cross Section -100.0 To 618.8 %

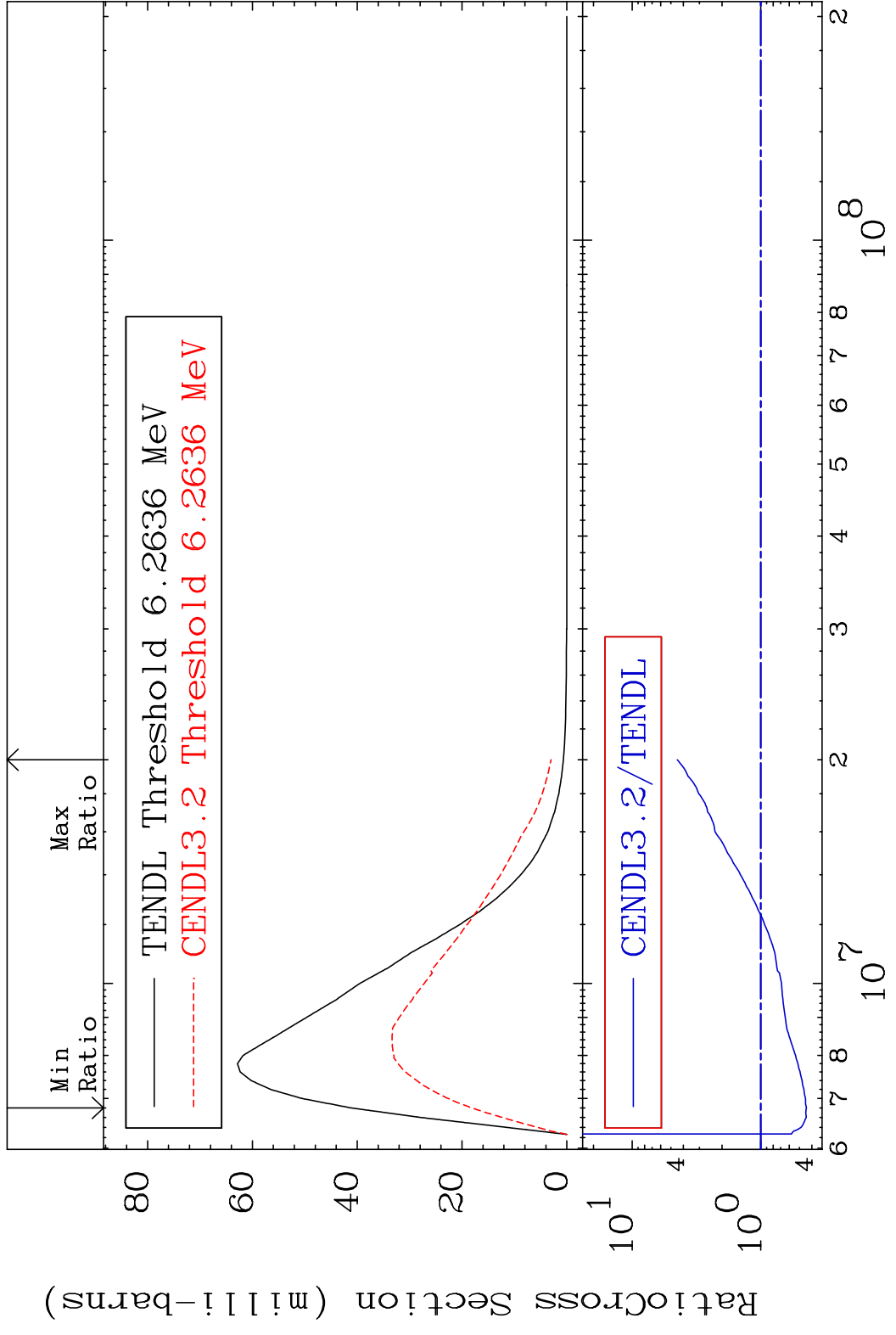


MAT 1225 MT= 54 (n,n') Level 12-Mg-24
 Cross Section -100.0 To 430.2 %

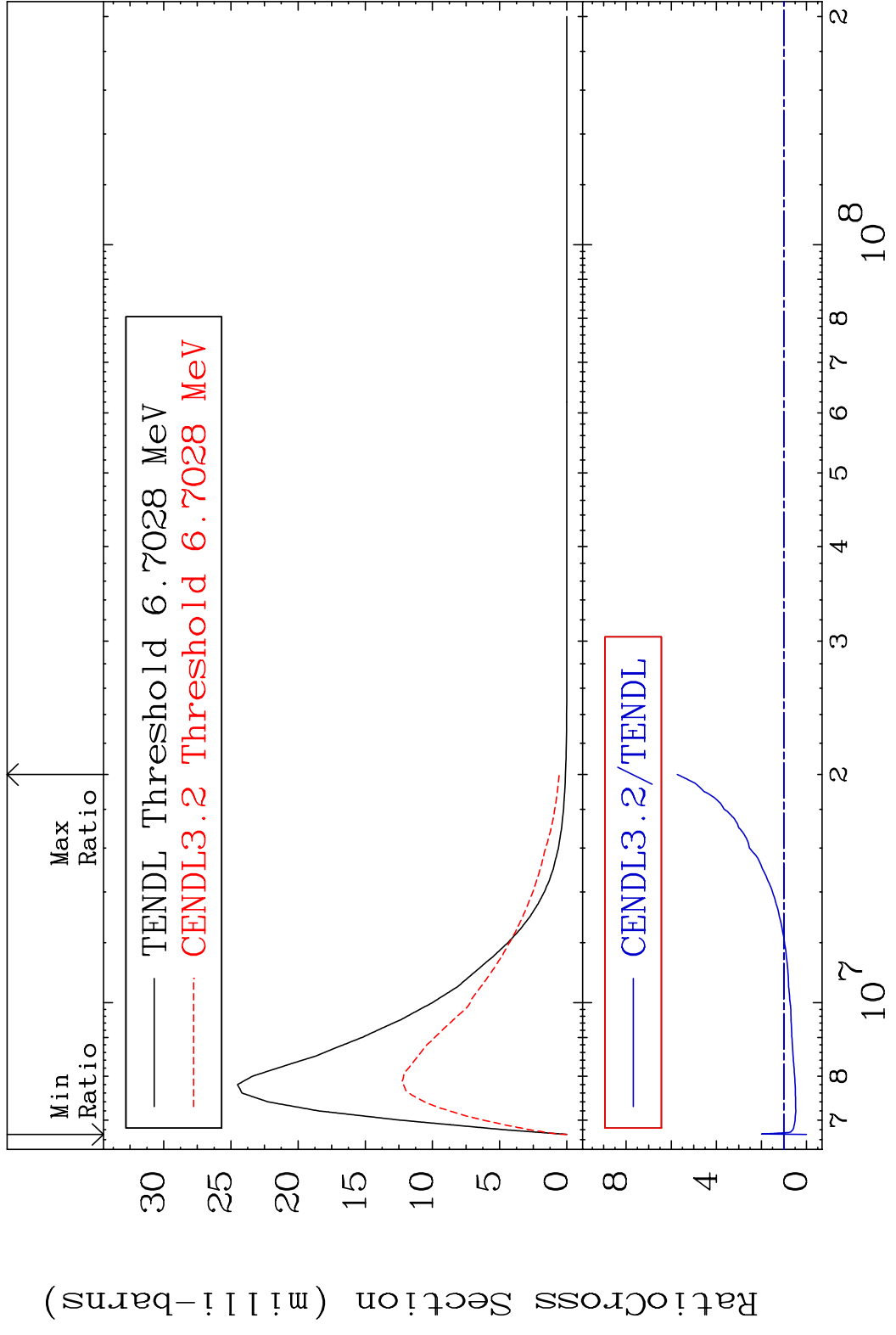


10 10 10 2

MAT 1225 MT= 55 (n, n') Level 12-Mg-24
 Cross Section -55.96 To 346.6 %



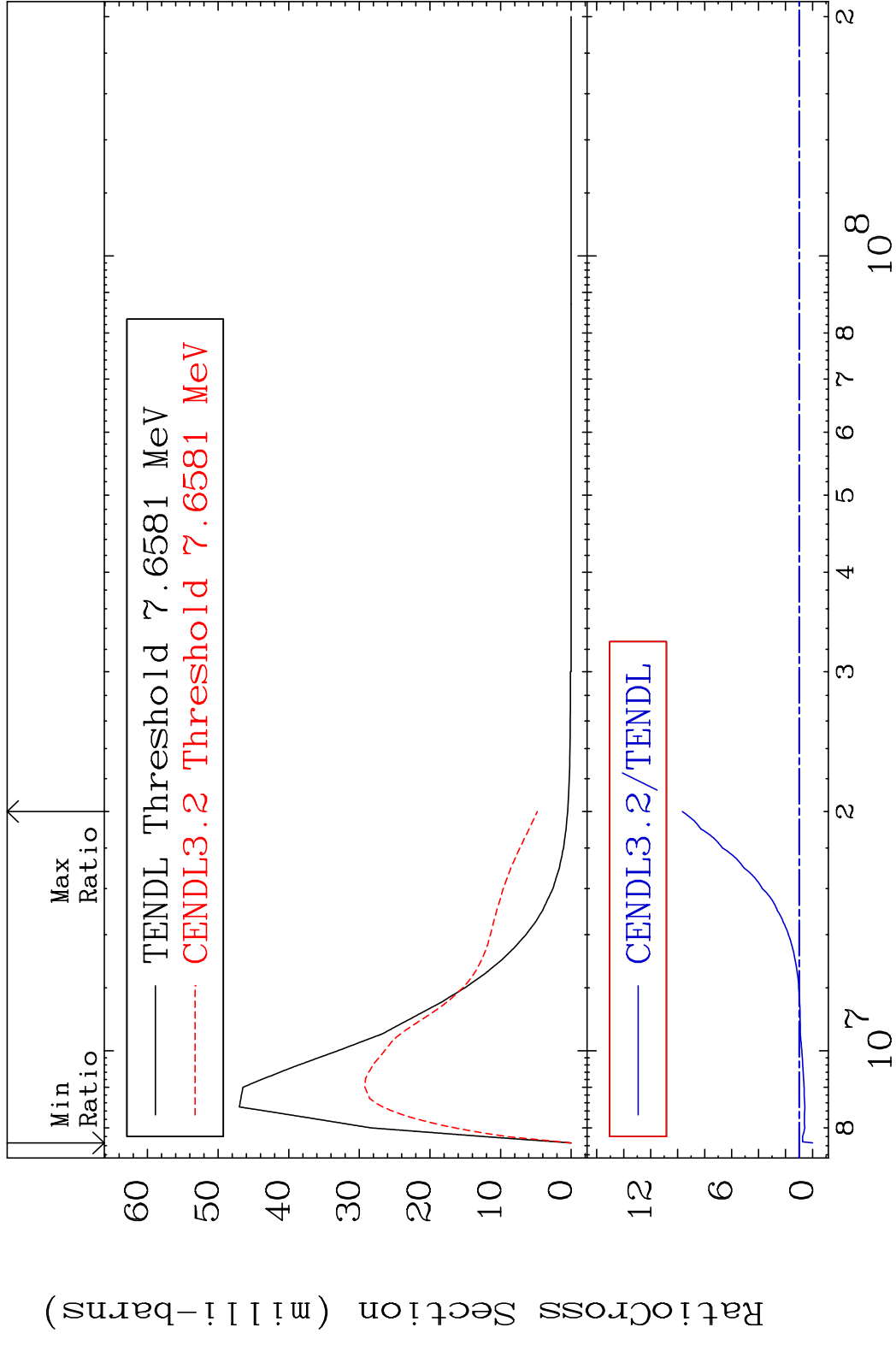
MAT 1225 MT= 56 (n,n') Level 12-Mg-24
 Cross Section -100.0 To 473.6 %



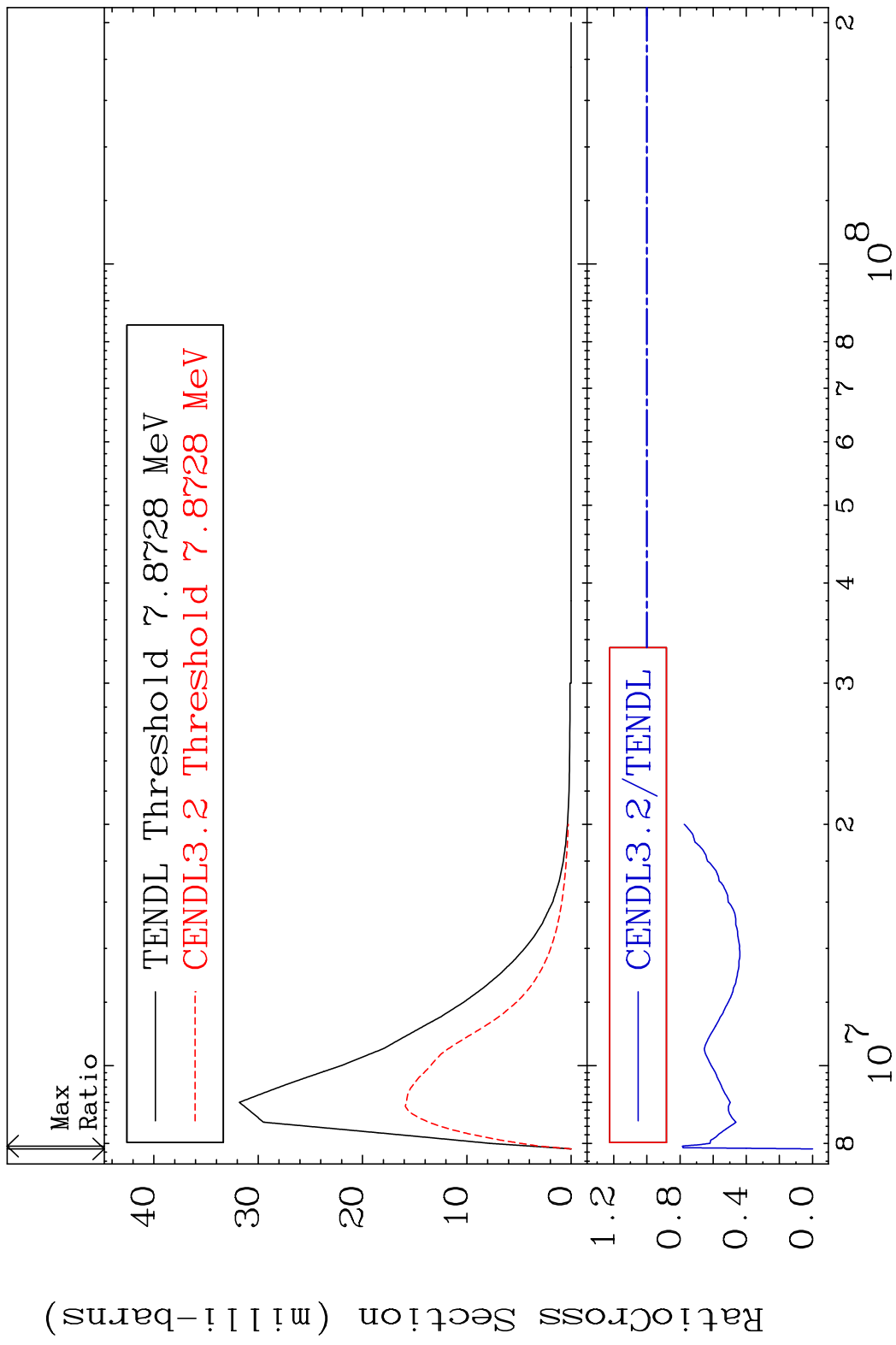
12

Incident Energy (eV) 12-Mg-24

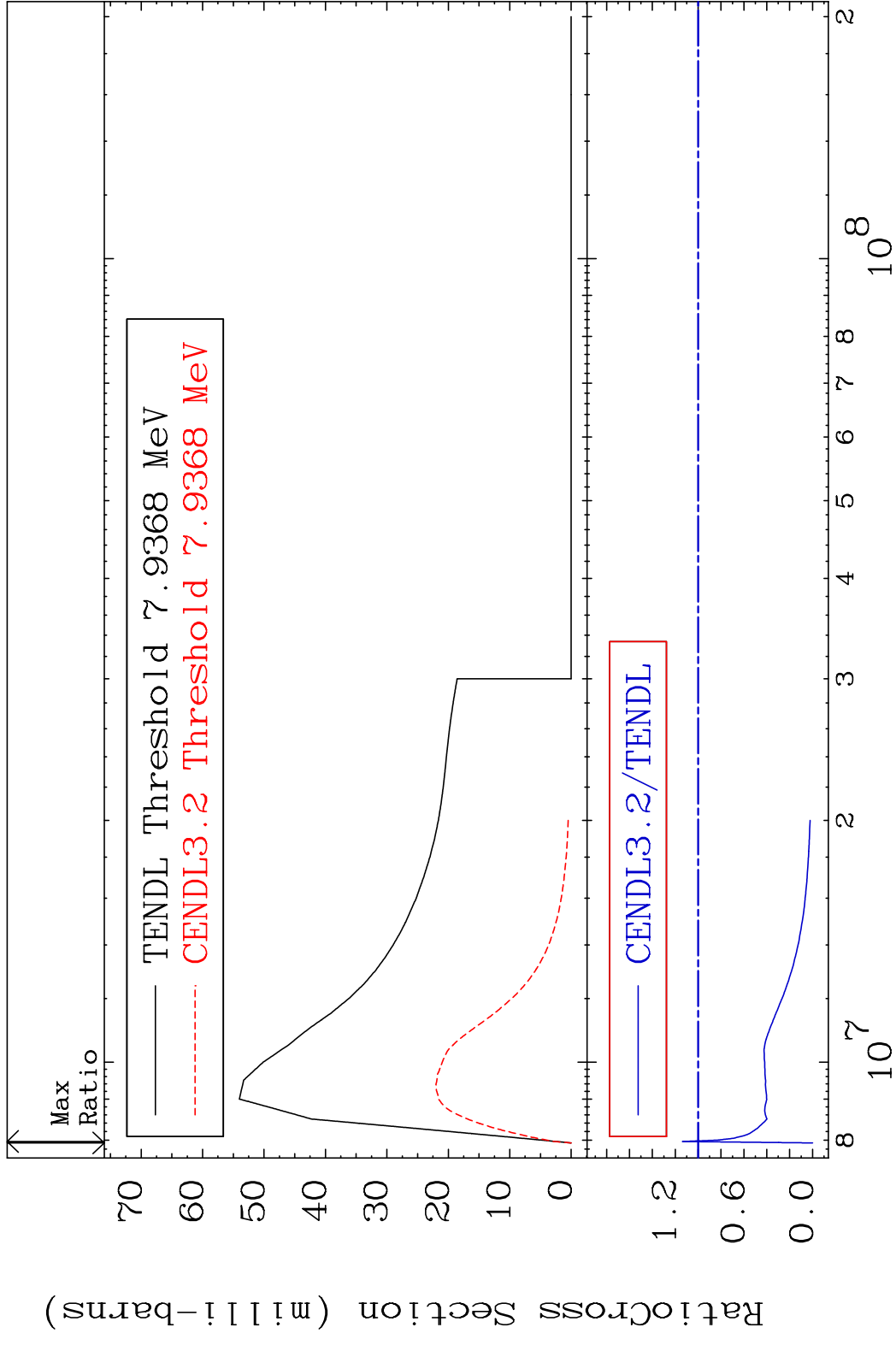
MAT 1225 MT= 57 (n, n') Level 12-Mg-24
 Cross Section -100.0 To 865.3 %



MAT 1225 MT= 58 (n,n') Level 12-Mg-24
 Cross Section -100.0 To -21.42%

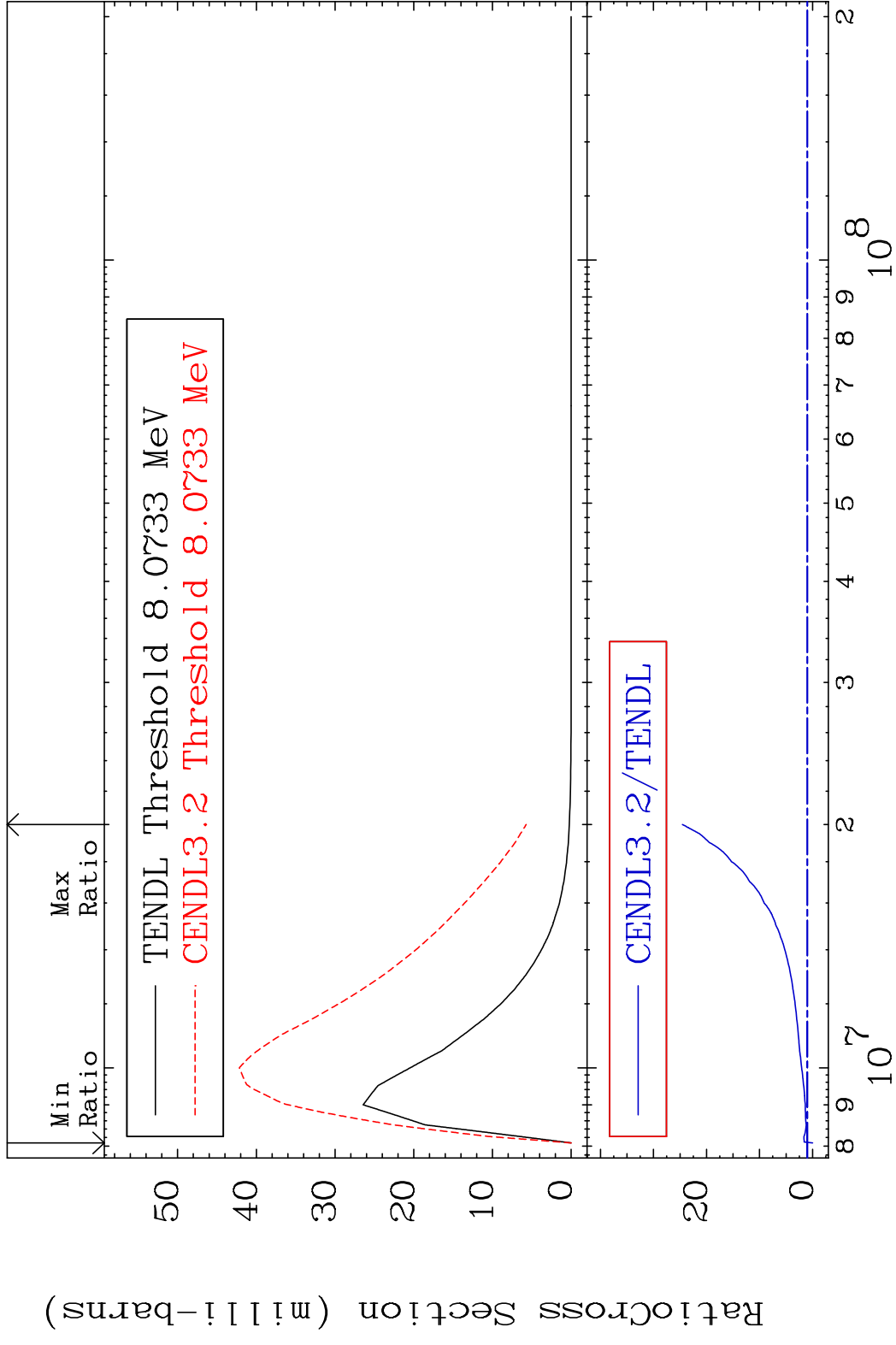


MAT 1225 MT= 59 (n, n') Level 12-Mg-24
 Cross Section -100.0 To 13.81 %



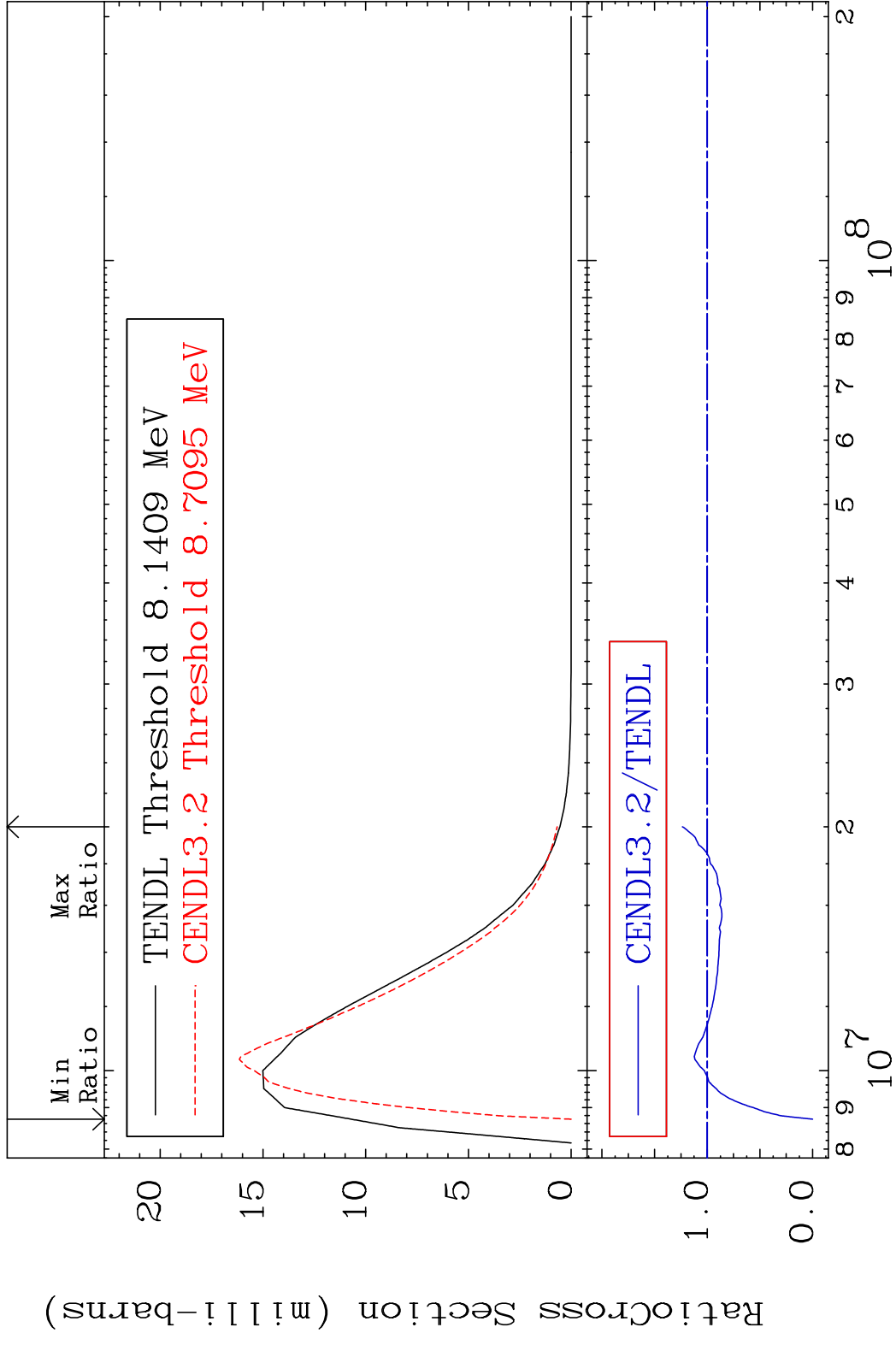
15 12-Mg-24

MAT 1225 MT= 60 (n, n') Level 12-Mg-24
 Cross Section -100.0 To 2356. %



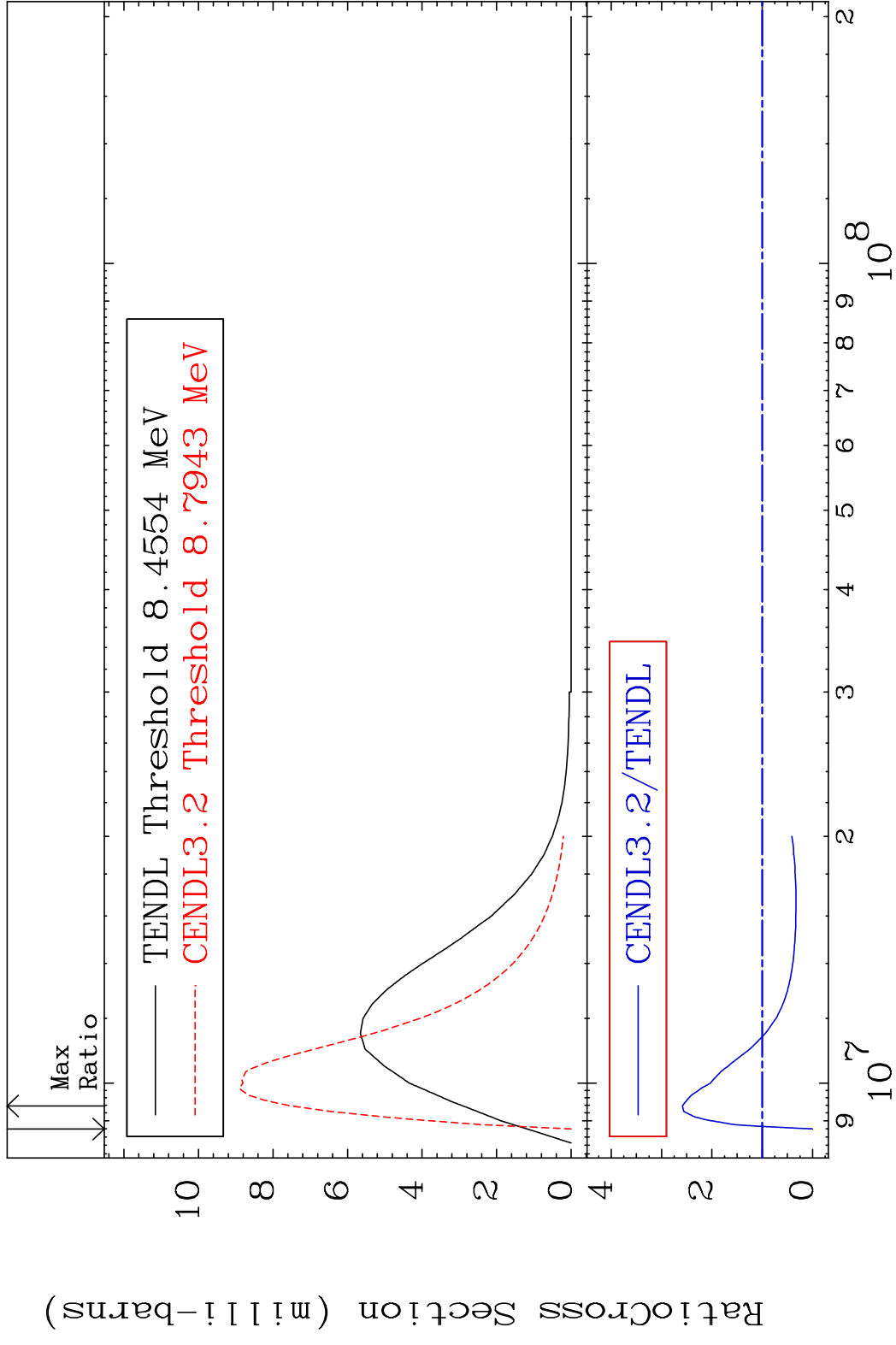
16 Incident Energy (eV) 12-Mg-24

MAT 1225 MT= 61 (n, n') Level 12-Mg-24
 Cross Section -100.0 To 23.63 %



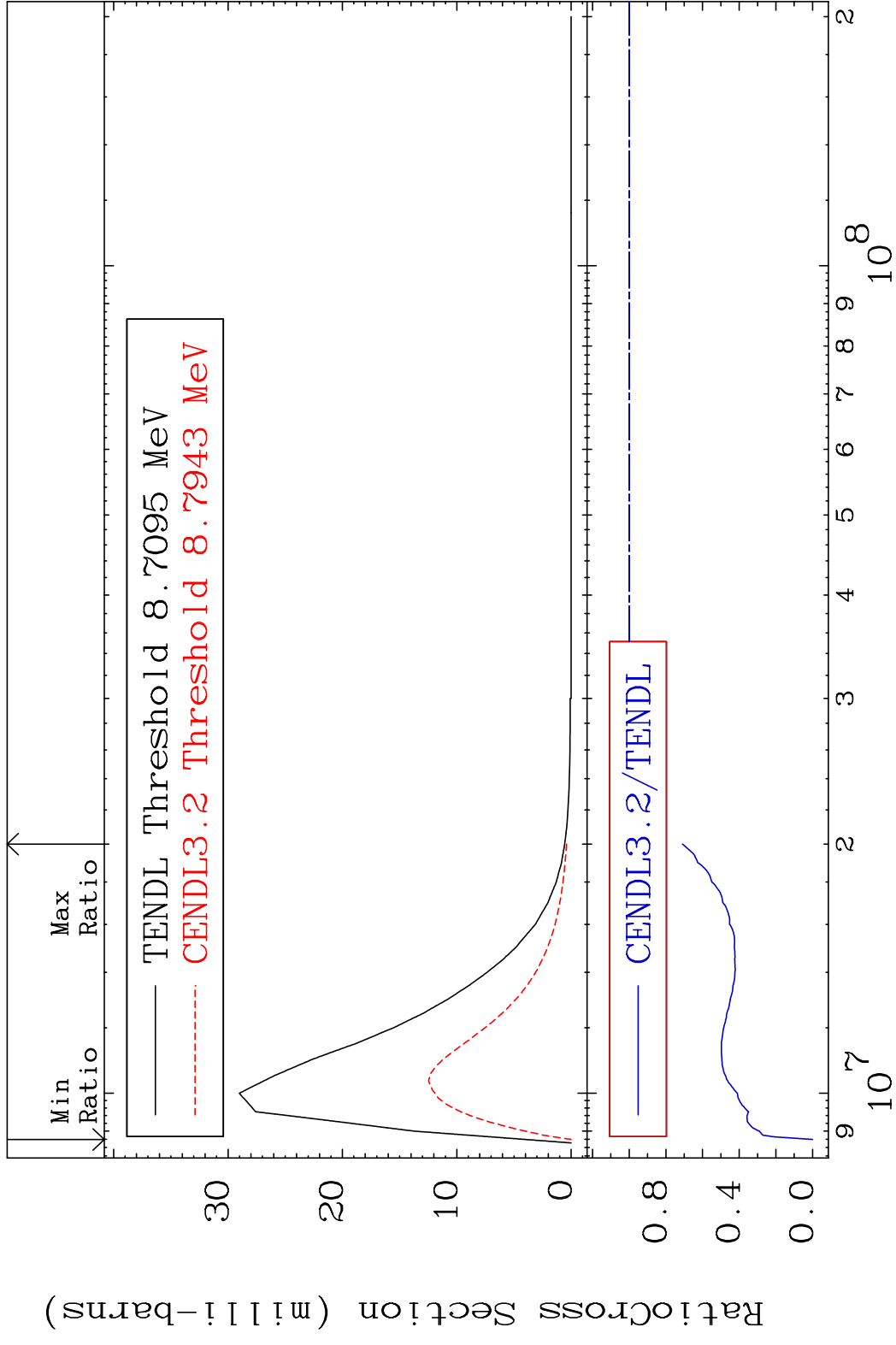
17 12-Mg-24

MAT 1225 MT= 62 (n, n') Level 12-Mg-24
 Cross Section -100.0 To 158.7 %



18 12-Mg-24

MAT 1225 MT= 63 (n,n') Level 12-Mg-24
 Cross Section -100.0 To -28.99%



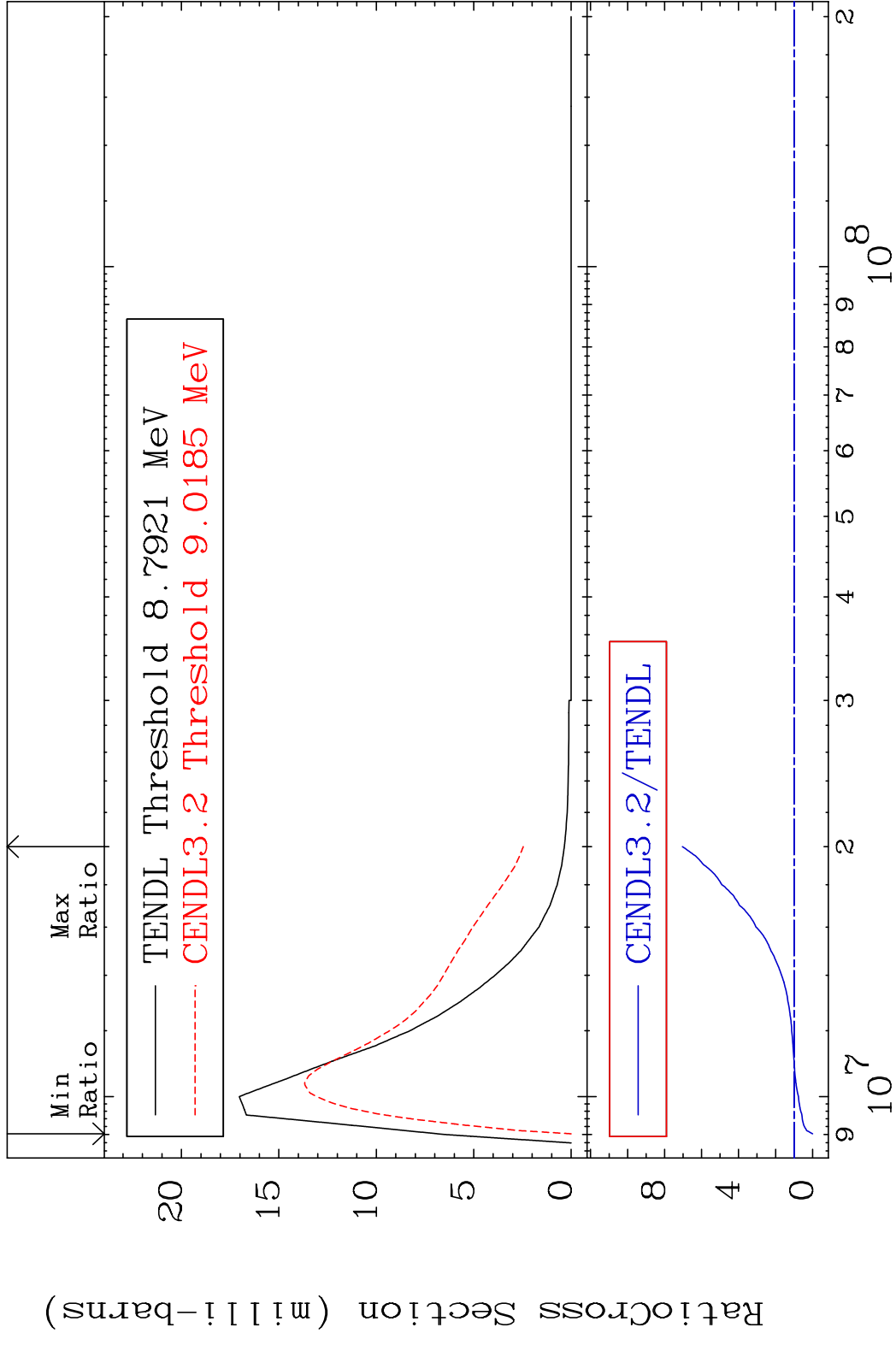
19 19 Incident Energy (eV) 12-Mg-24

MAT 1225

MT= 64 (n, n') Level

12-Mg-24

Cross Section -100.0 To 603.9 %

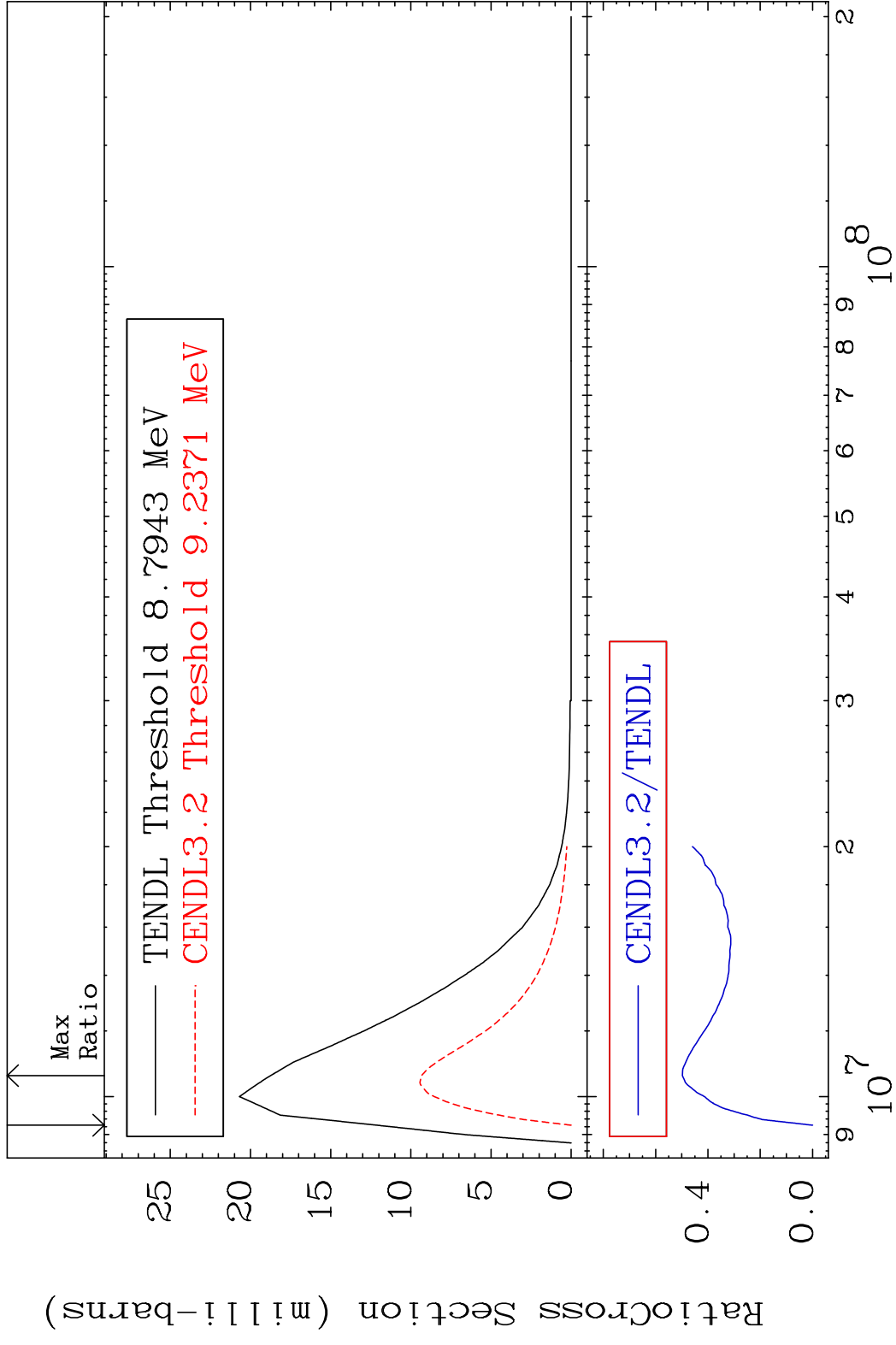


20

Incident Energy (eV)

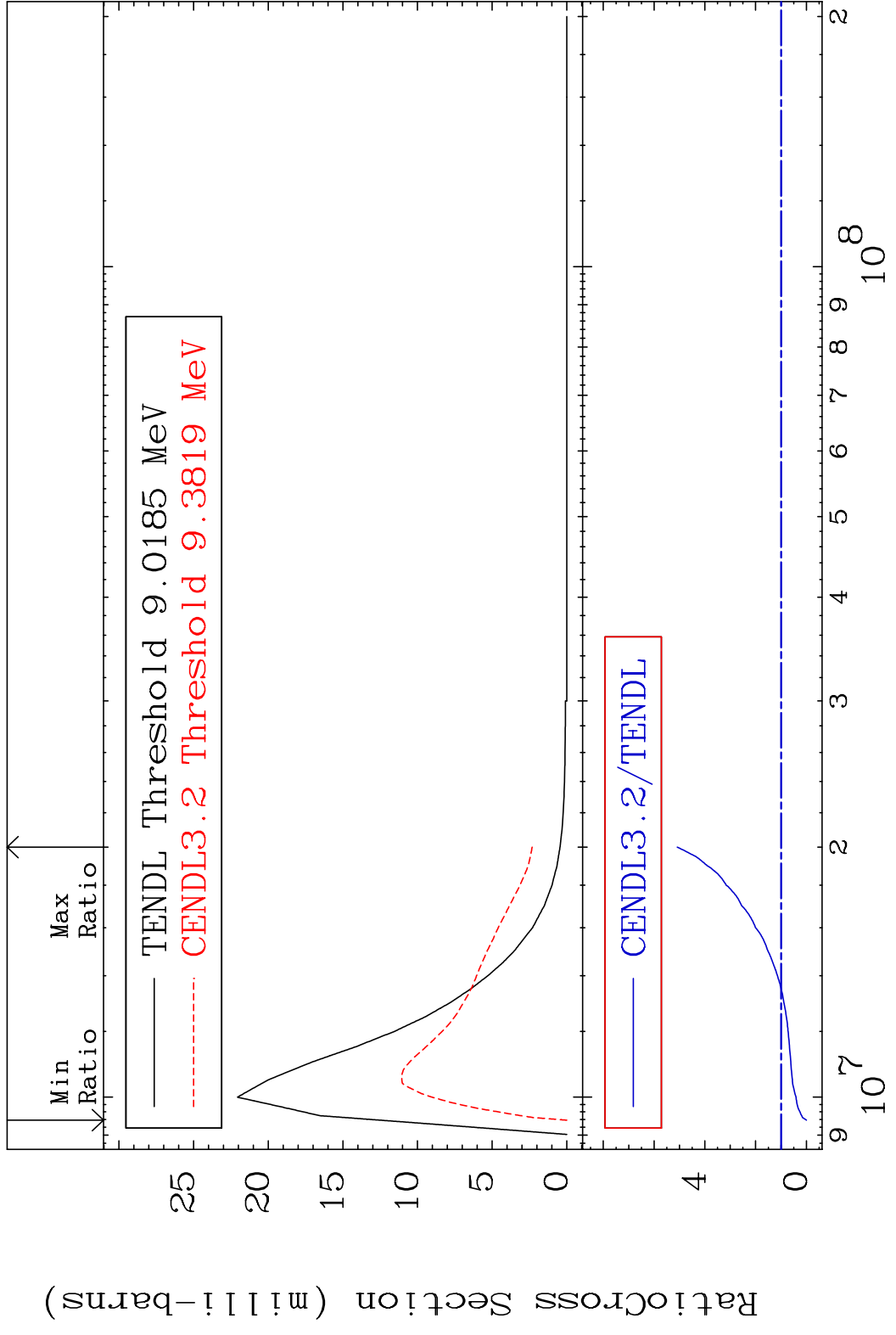
12-Mg-24

MAT 1225 MT= 65 (n,n') Level 12-Mg-24
 Cross Section -100.0 To -50.21%



21 12-Mg-24

MAT 1225 MT= 66 (n,n') Level 12-Mg-24
 Cross Section -100.0 To 409.0 %



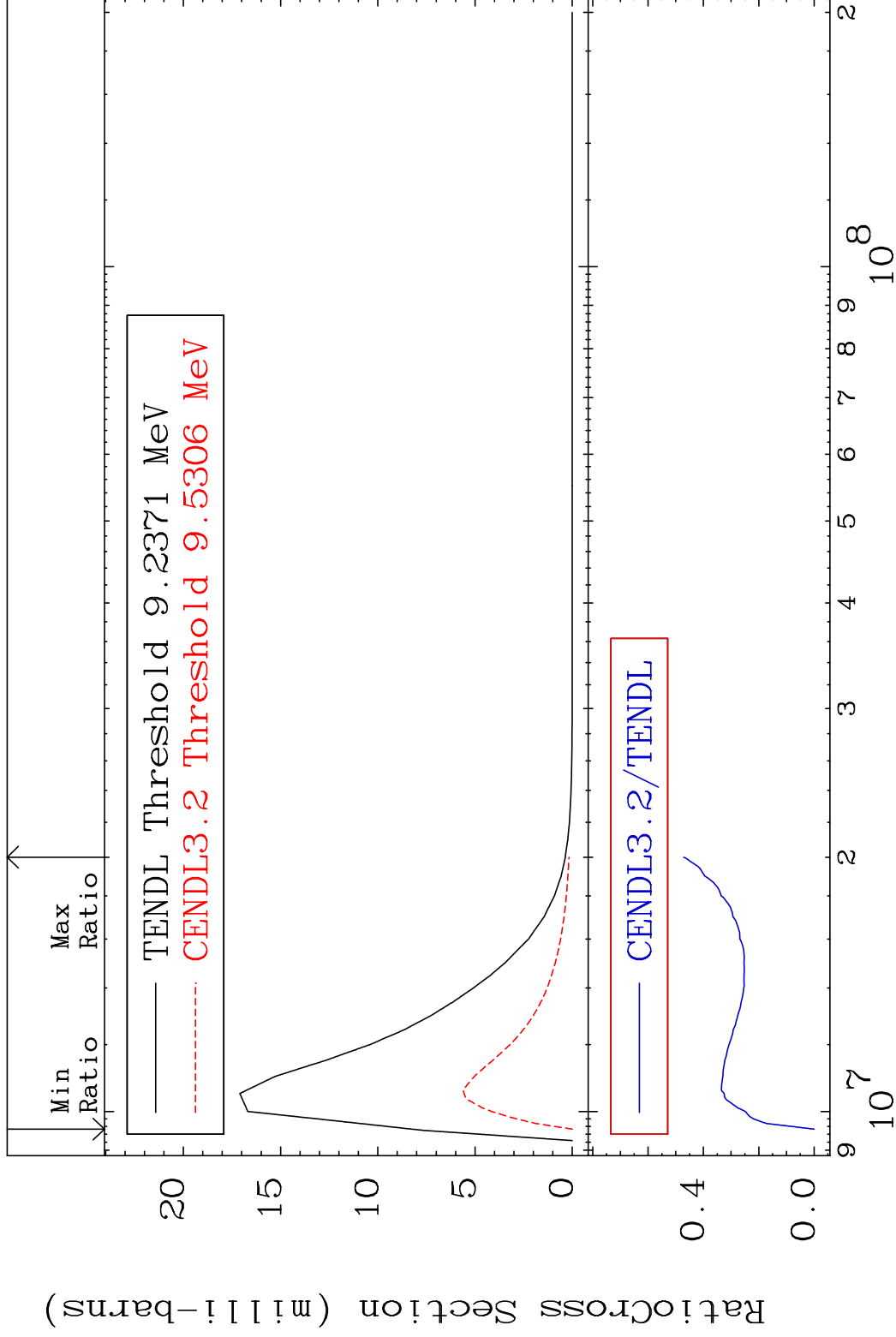
22 Incident Energy (eV) 12-Mg-24

MAT 1225

MT= 67 (n, n') Level

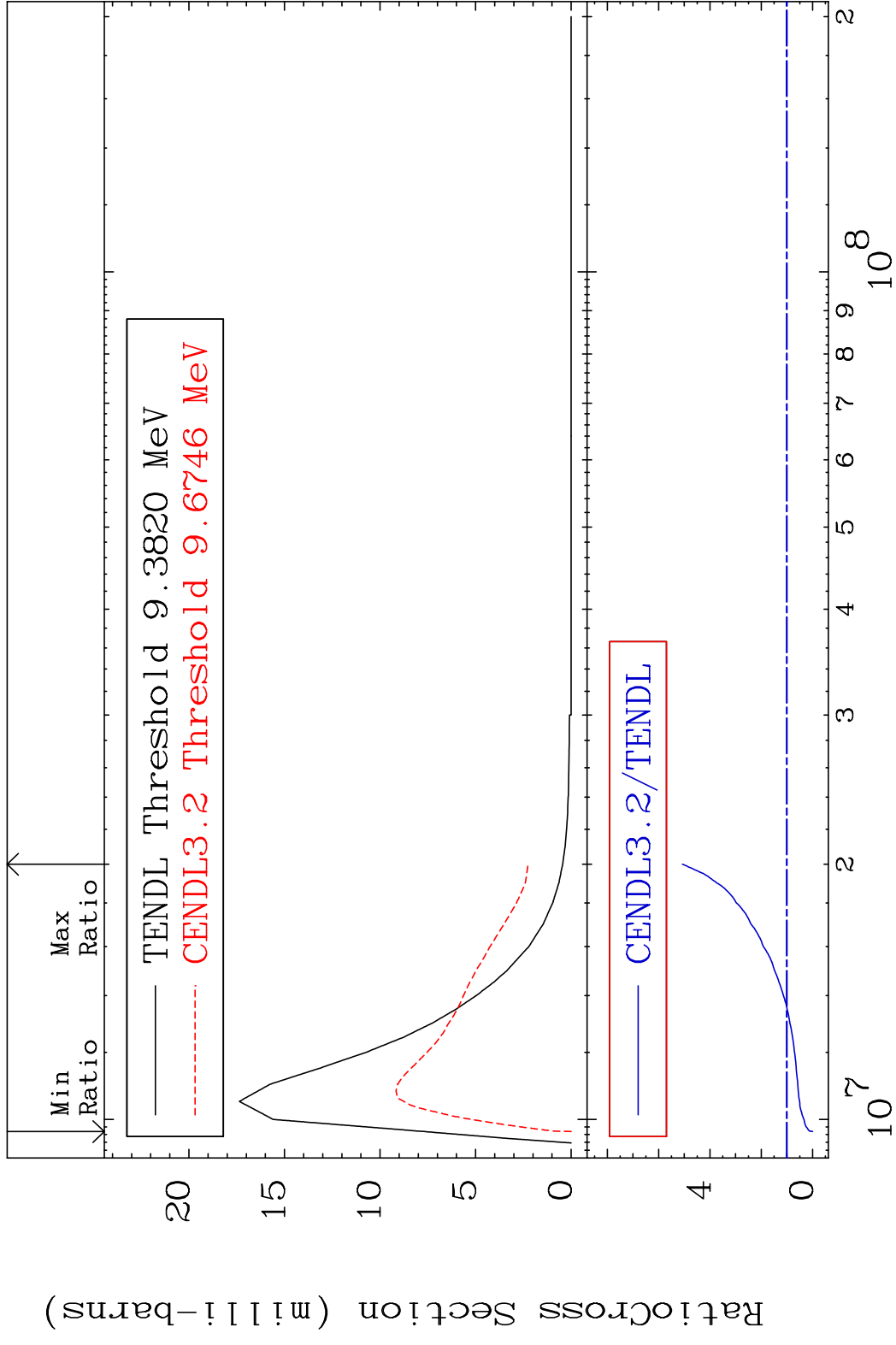
12-Mg-24

Cross Section -100.0 To -52.87%



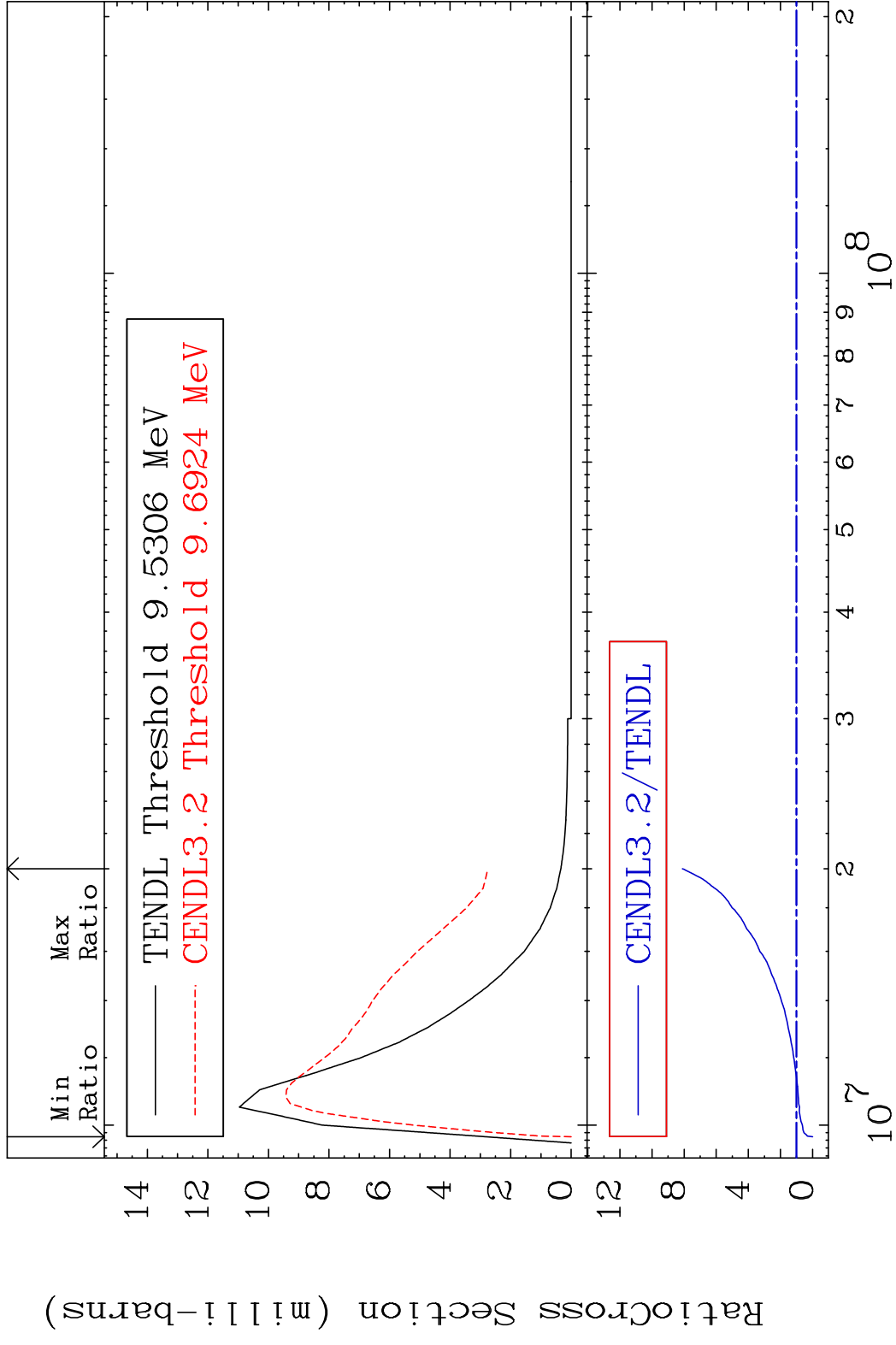
23

MAT 1225 MT= 68 (n, n') Level 12-Mg-24
 Cross Section -100.0 To 407.5 %



24 12-Mg-24

MAT 1225 MT= 69 (n,n') Level 12-Mg-24
 Cross Section -100.0 To 711.0 %



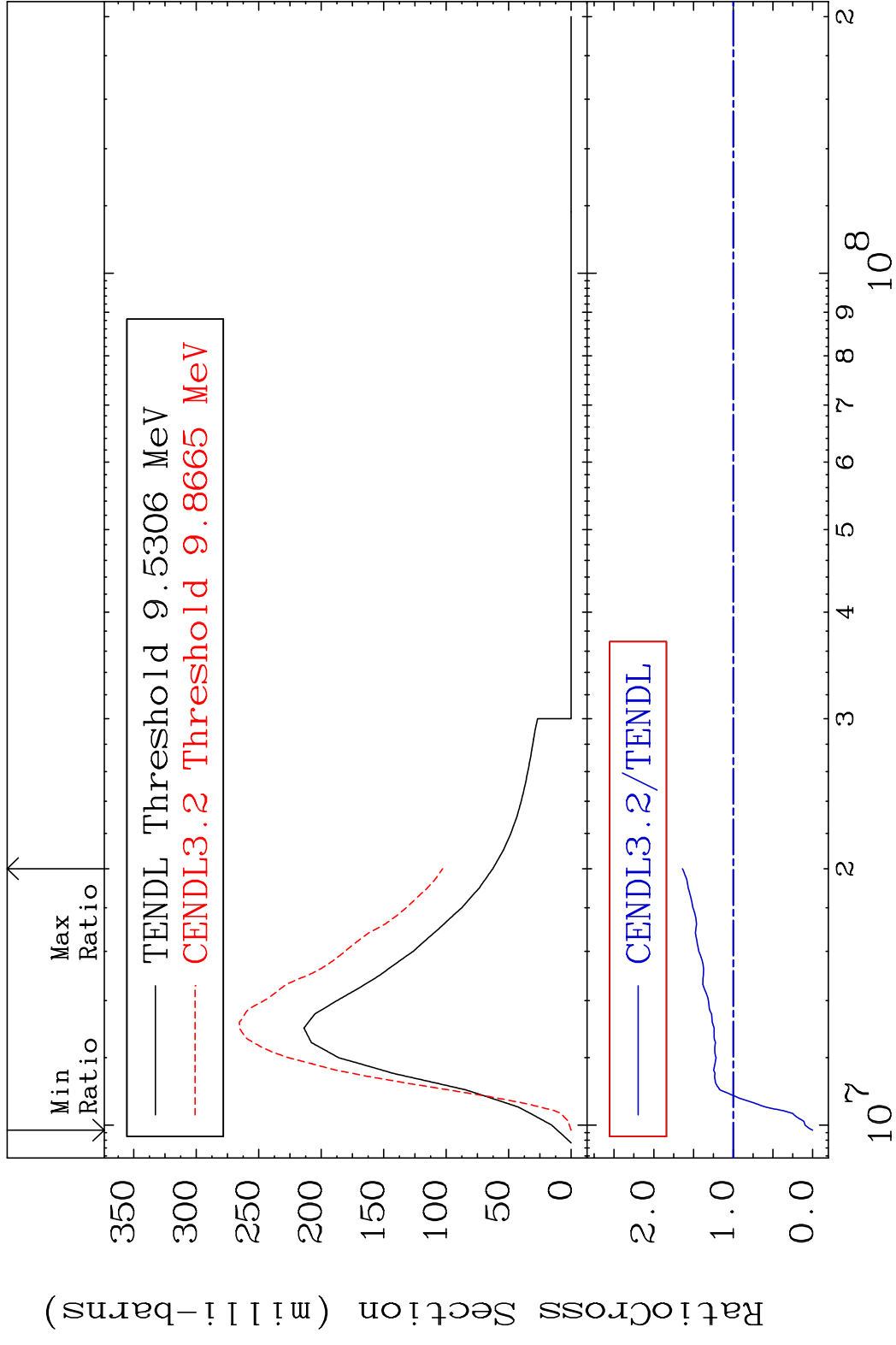
25 12-Mg-24

MAT 1225

(n,n') Continuum

¹²Mg-24

Cross Section -100.0 To 64.00 %



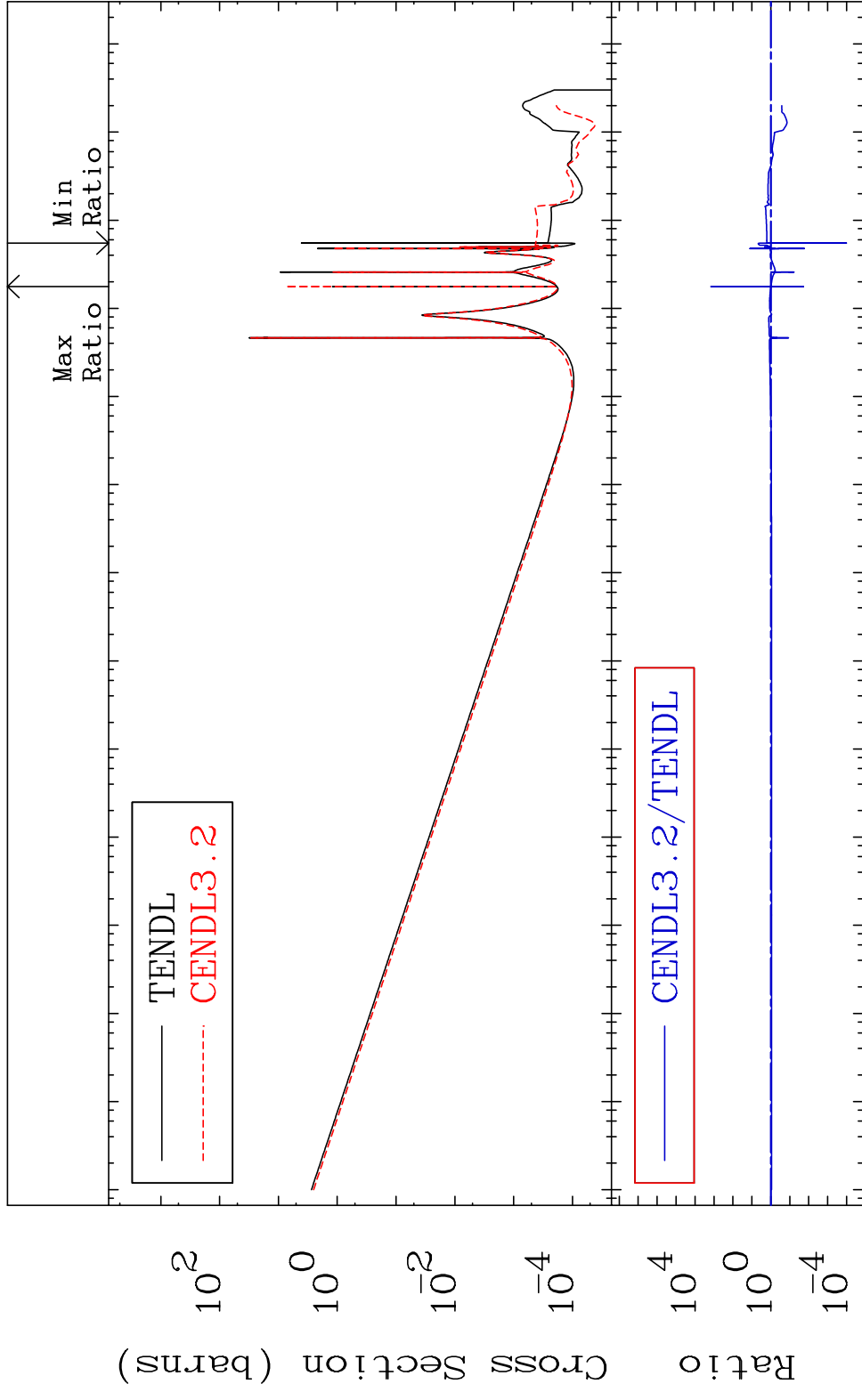
26

Incident Energy (eV)

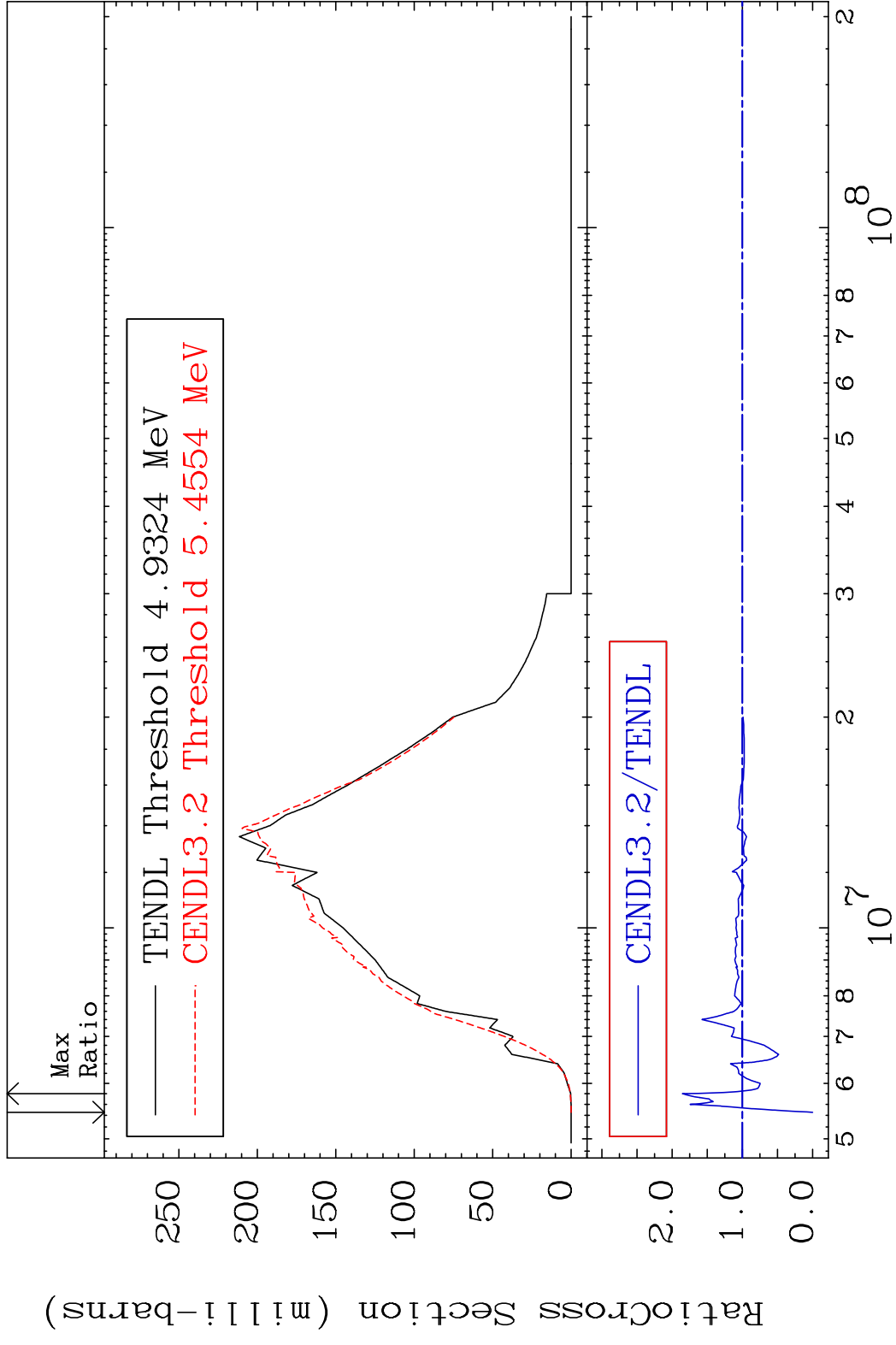
¹²Mg-24

MAT 1225

(n, γ)
Cross Section -99.99 To 9999. % 12-Mg-24



MAT 1225 (n,p) 12-Mg-24
 Cross Section -100.0 To 85.46 %

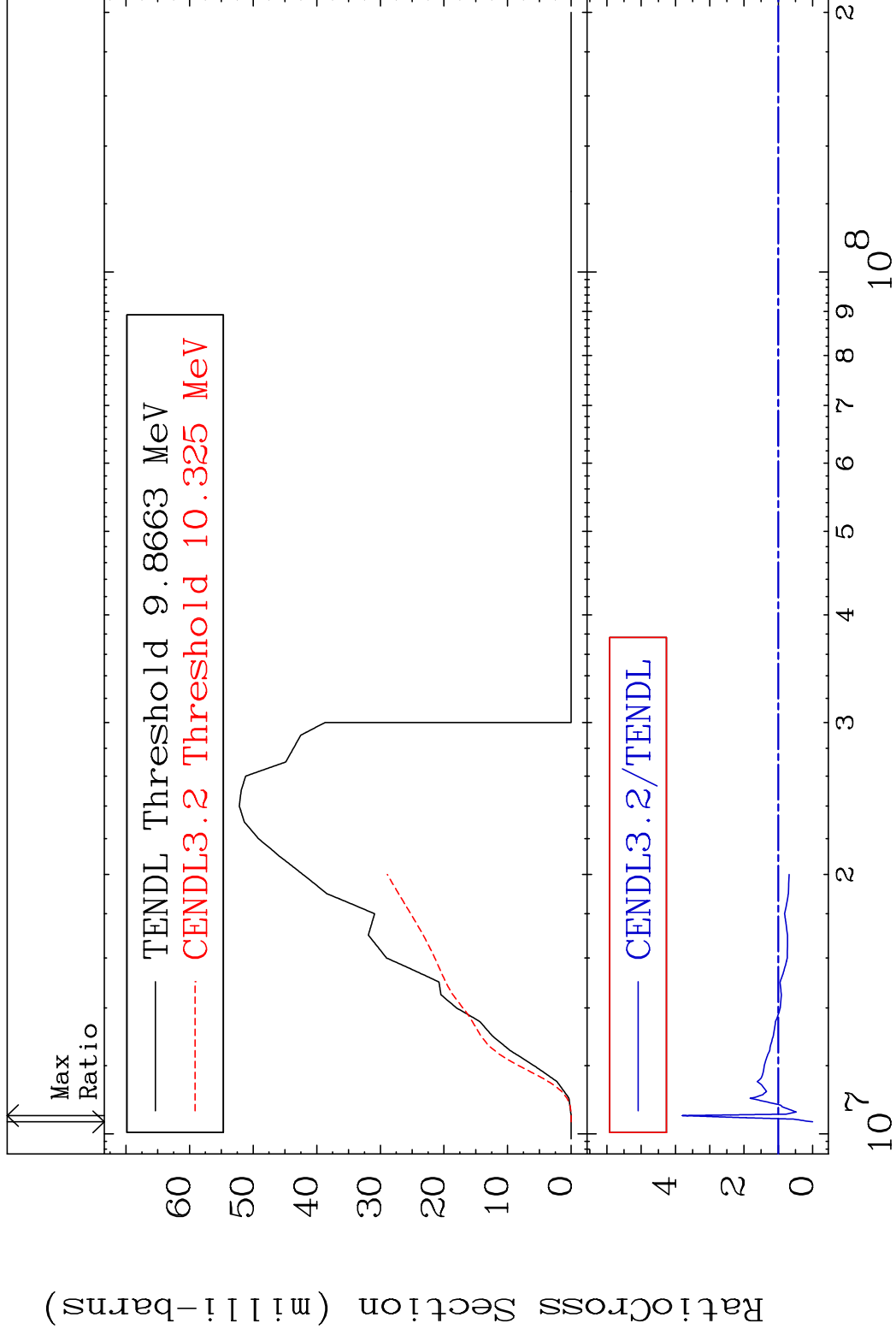


MAT 1225

(n,d)

¹²Mg-24

Cross Section -100.0 To 279.9 %

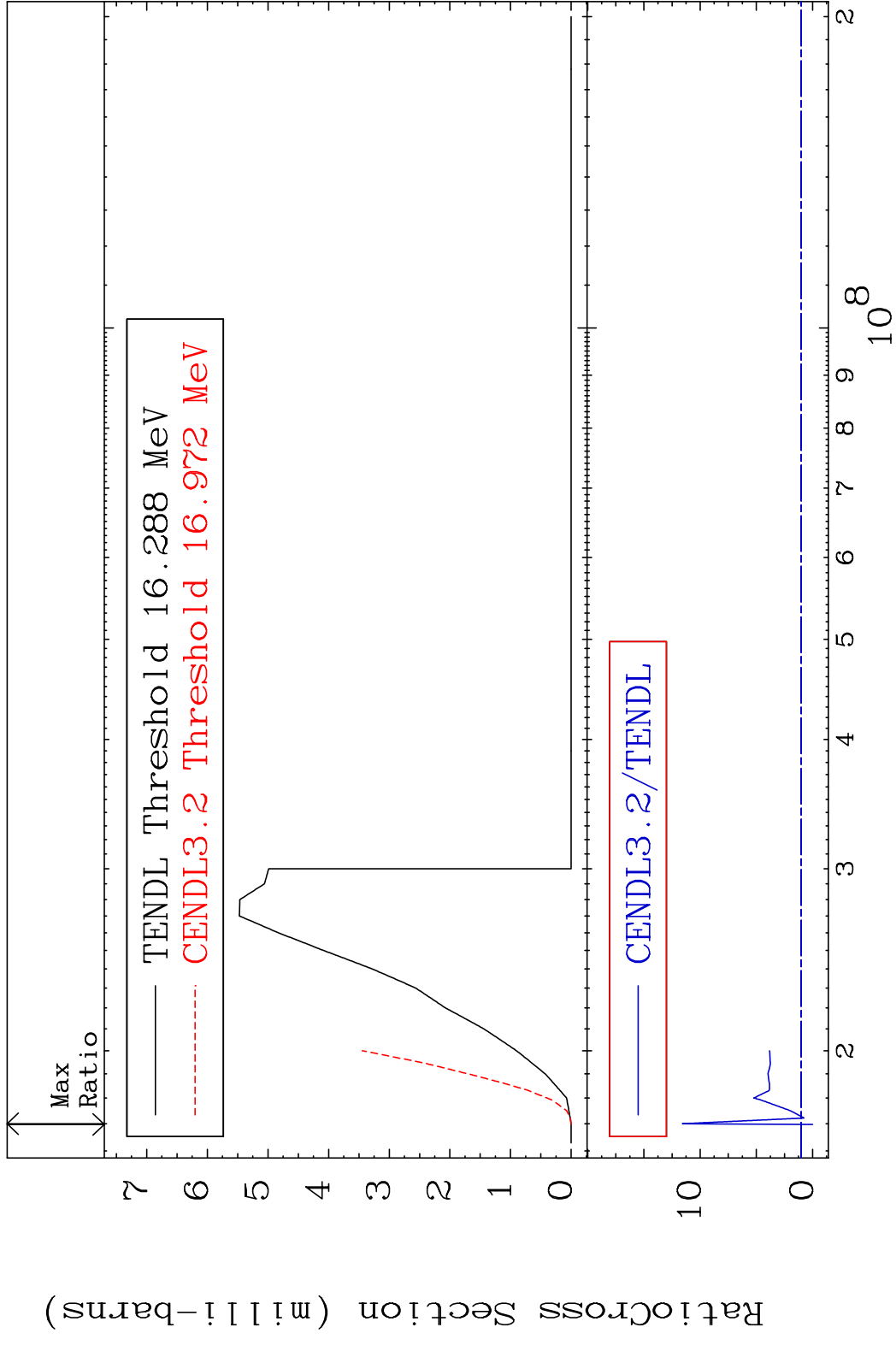


29

Incident Energy (eV)

¹²Mg-24

MAT 1225 (n, t) 12-Mg-24
 Cross Section -100.0 To 1058. %



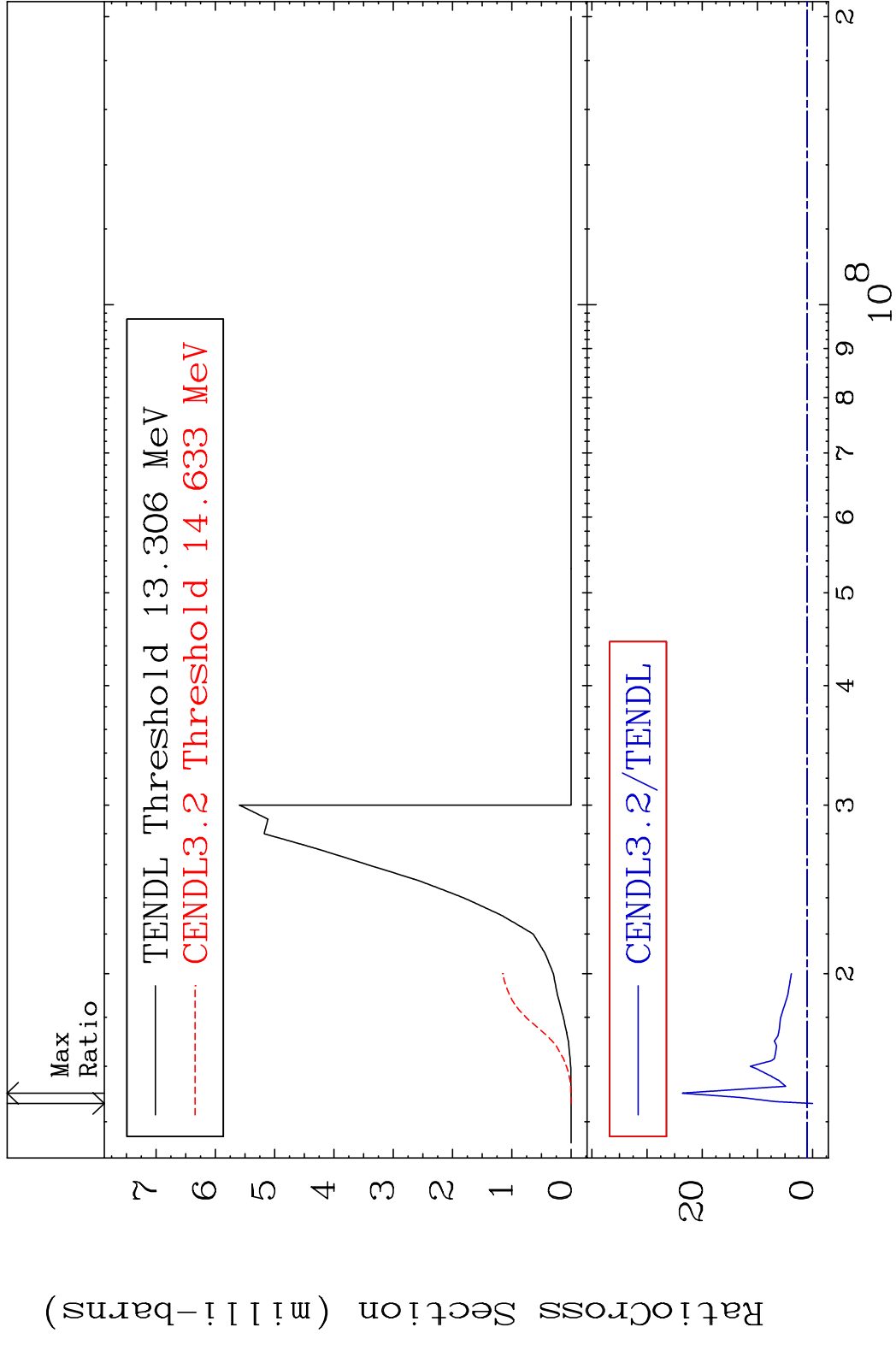
30 Incident Energy (eV) 12-Mg-24

MAT 1225

(n, He-3)

12-Mg-24

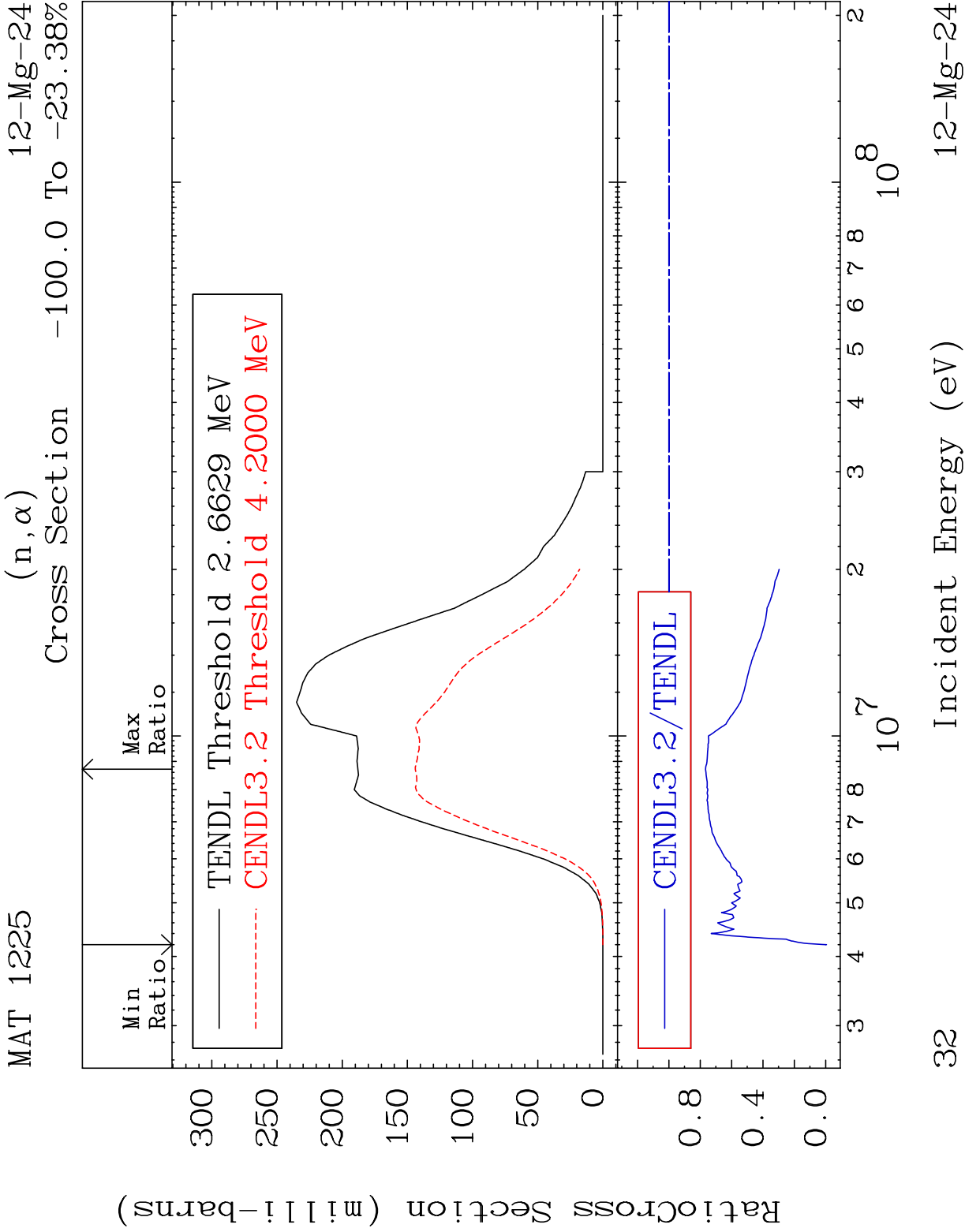
Cross Section -100.0 To 2259. %



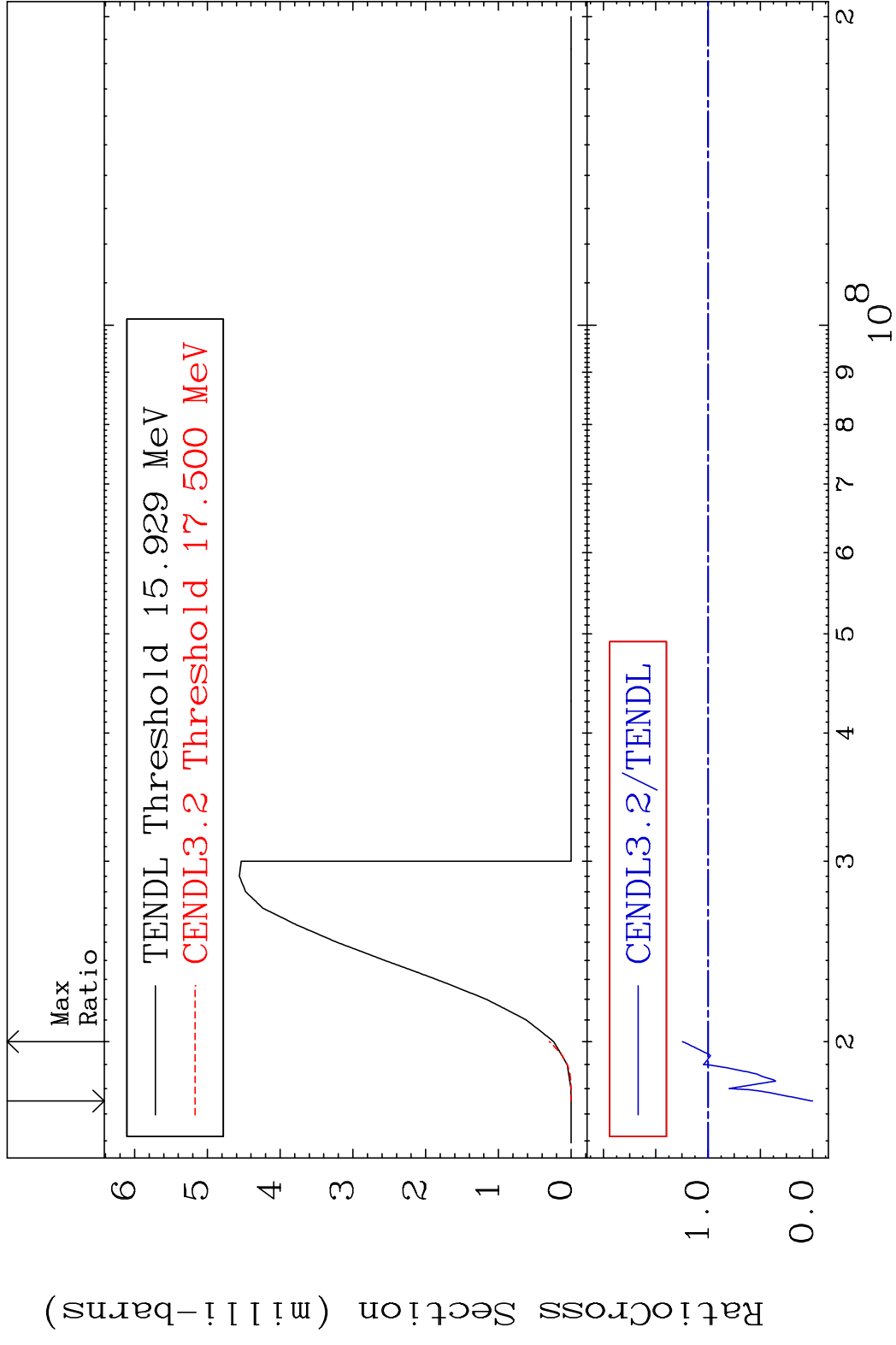
31

Incident Energy (eV)

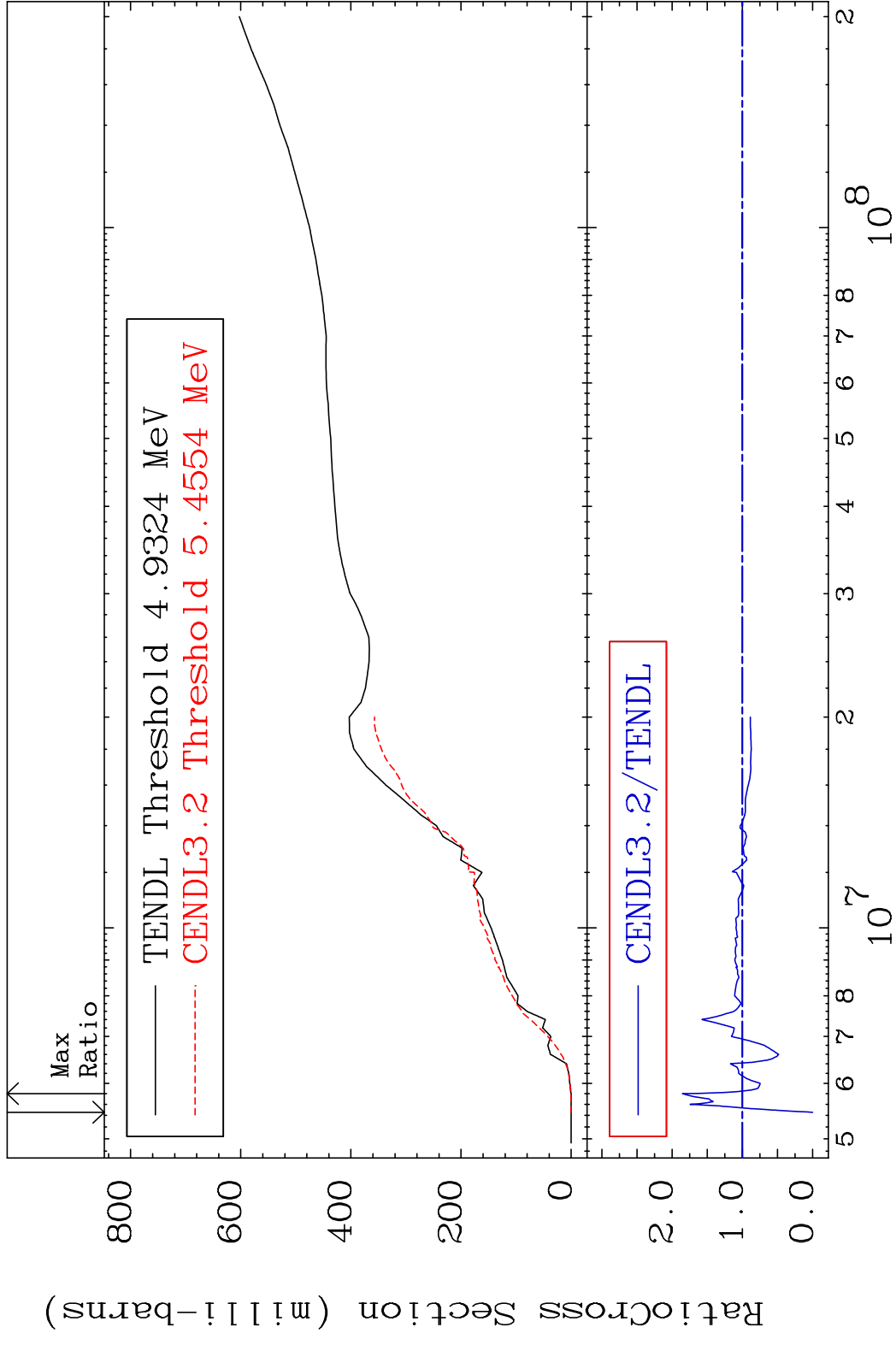
12-Mg-24



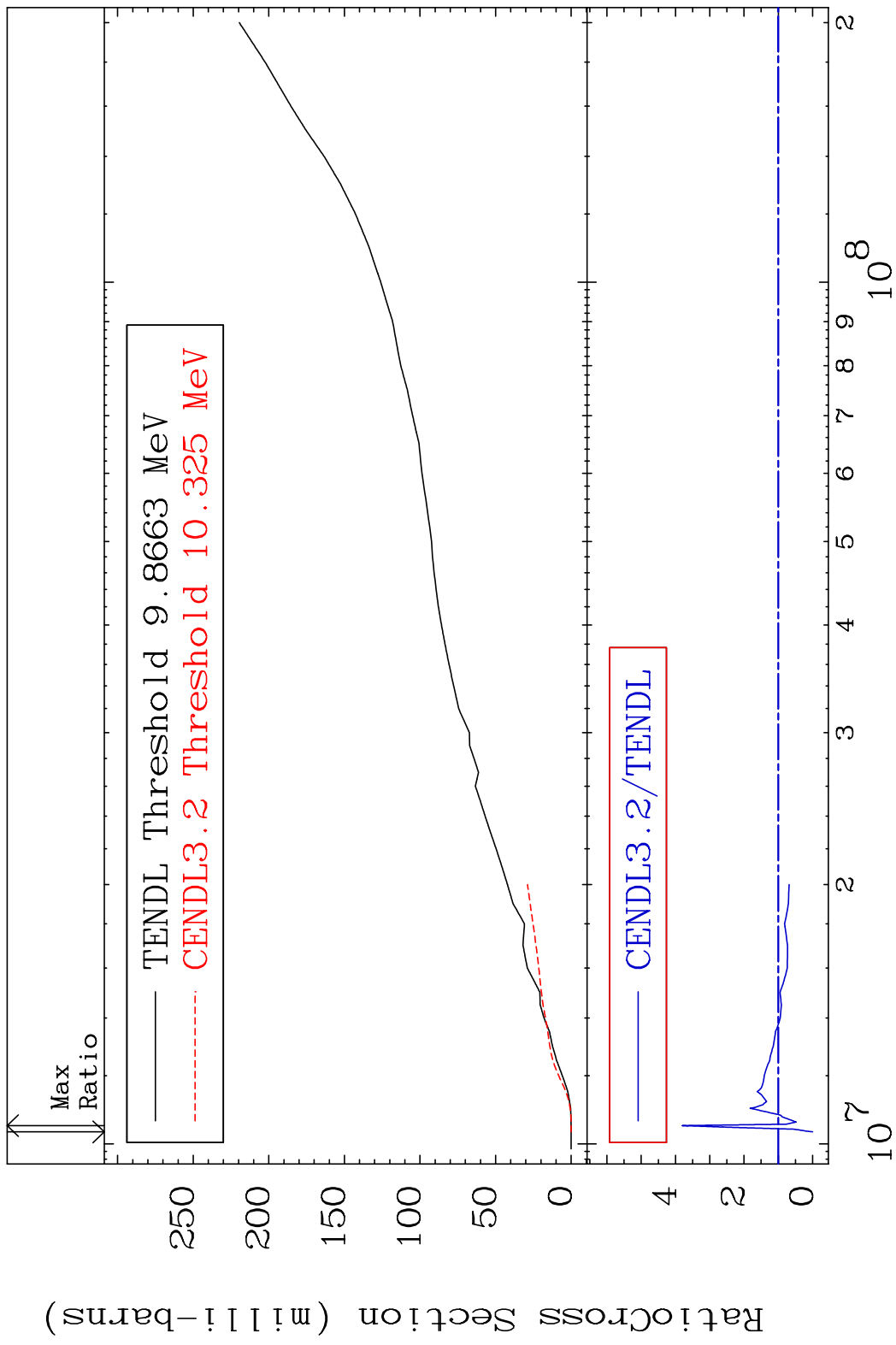
MAT 1225 (n,2p) 12-Mg-24
 Cross Section -100.0 To 24.60 %



MAT 1225 Hydrogen Production 12-Mg-24
 Cross Section -100.0 To 85.46 %

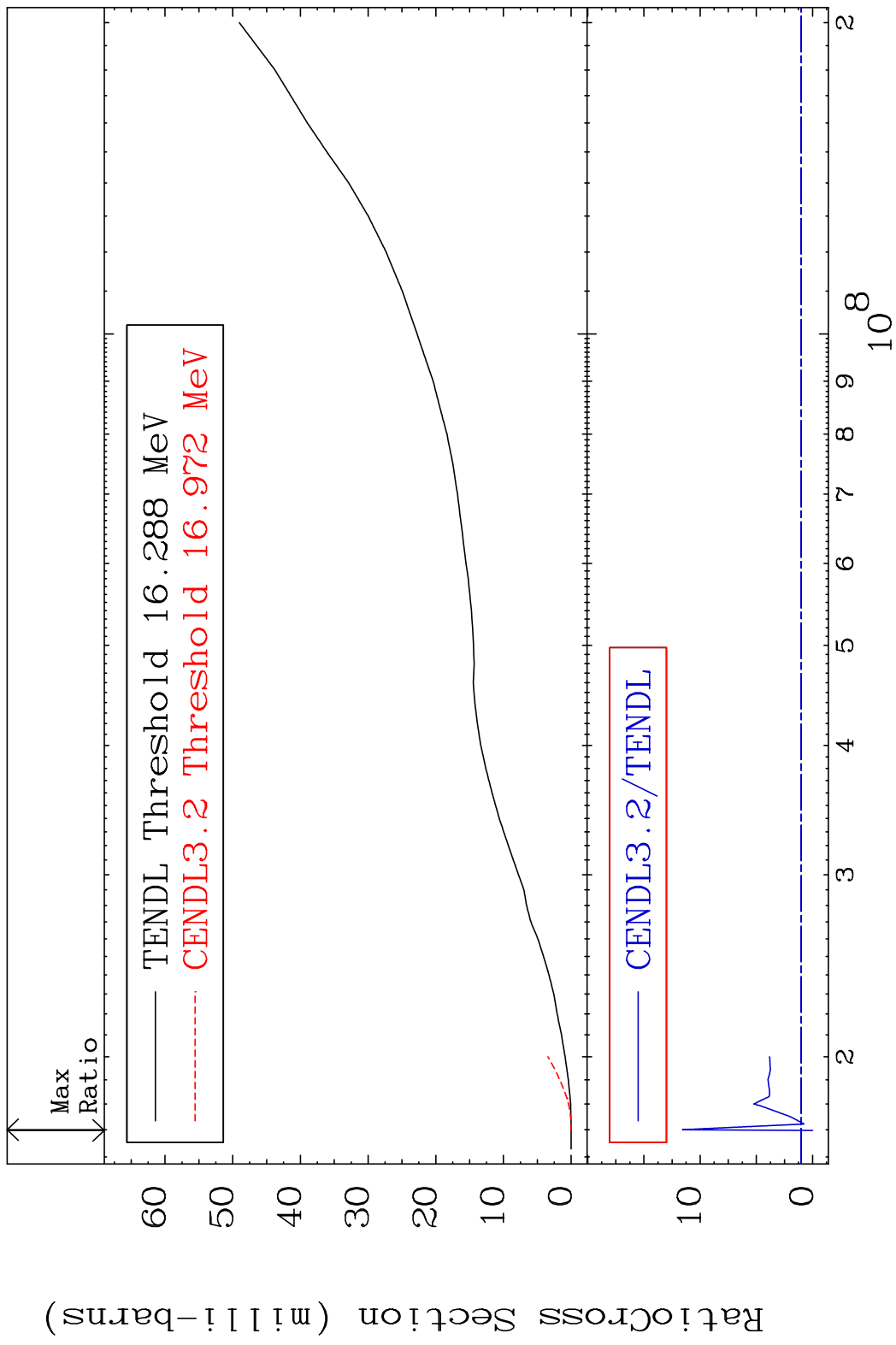


MAT 1225 Deuterium Production 12-Mg-24
 Cross Section -100.0 To 279.9 %



35 12-Mg-24

MAT 1225 Tritium Production 12-Mg-24
 Cross Section -100.0 To 1058. %

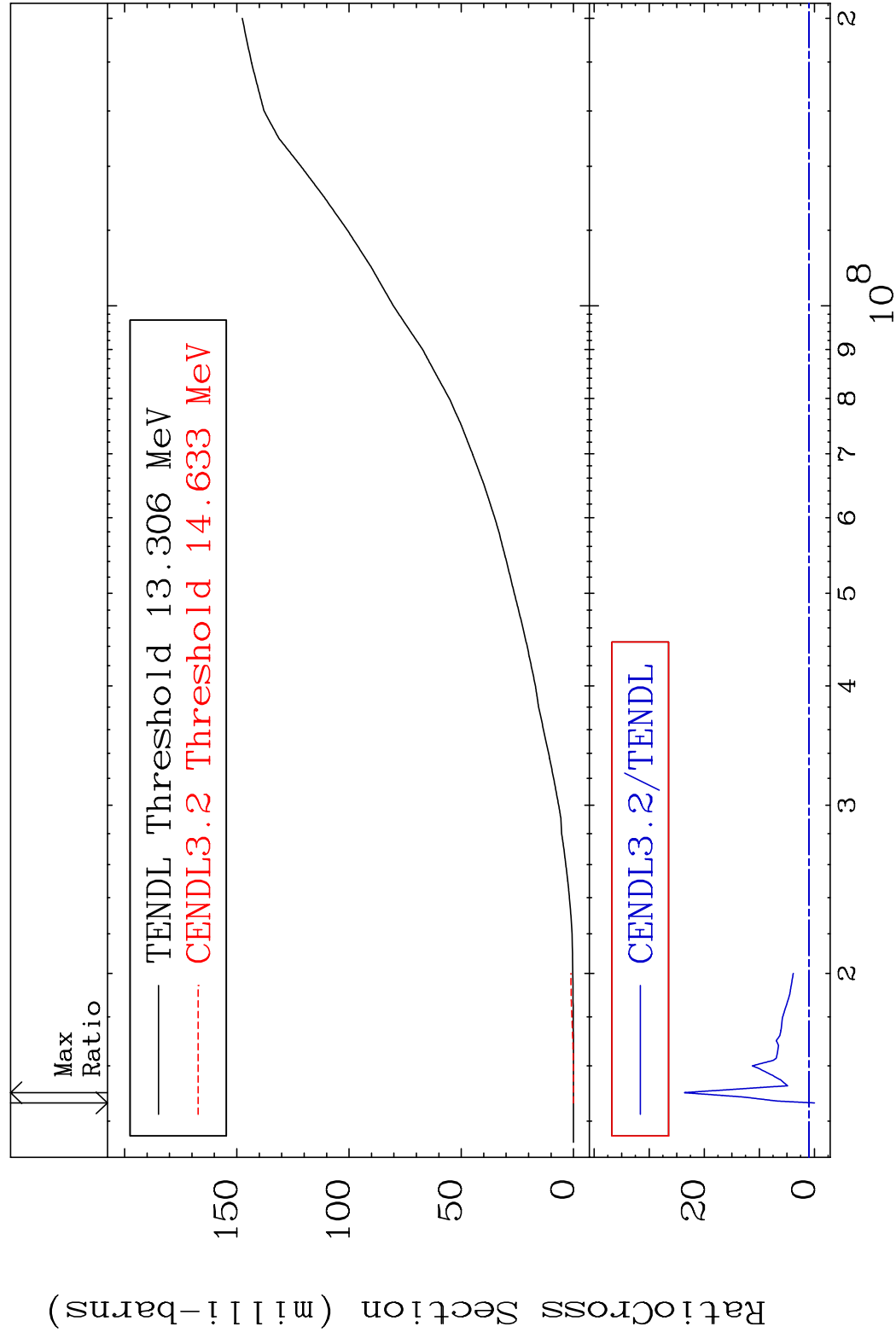


MAT 1225

He-3 Production

12-Mg-24

Cross Section -100.0 To 2259. %



37

Incident Energy (eV)

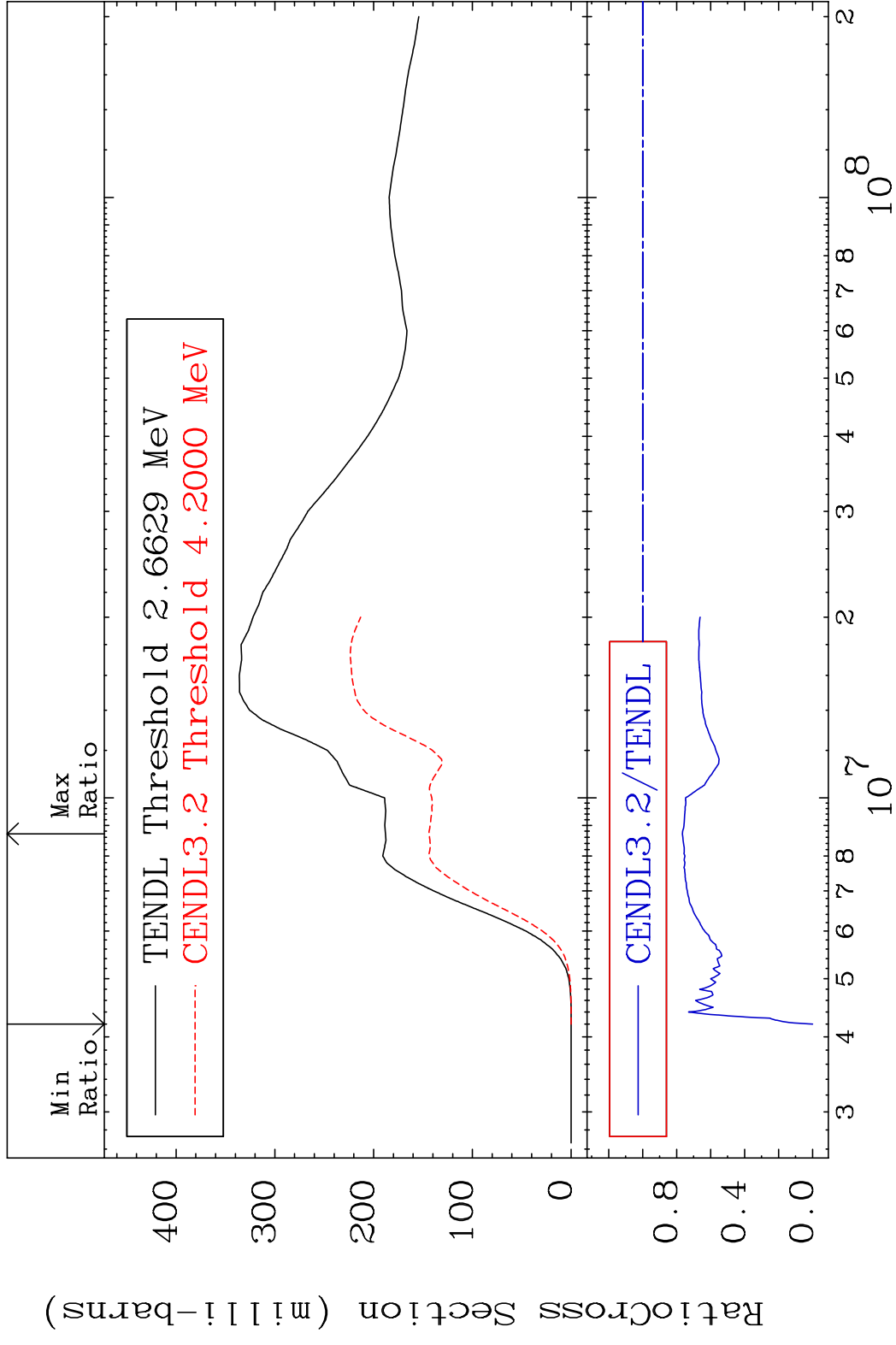
12-Mg-24

MAT 1225

He-4 Production

¹²Mg-24

Cross Section -100.0 To -23.38%

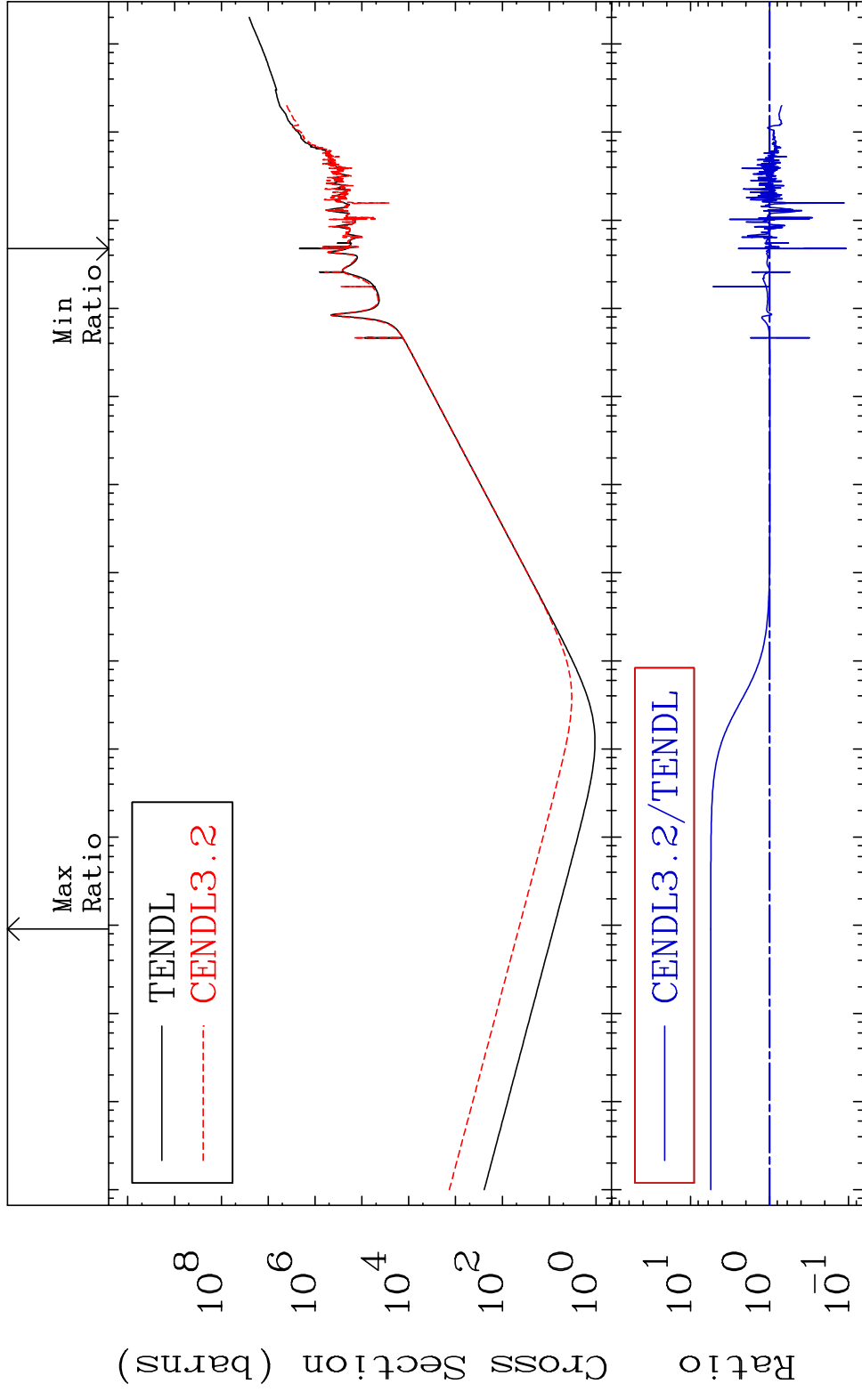


38

Incident Energy (eV)

¹²Mg-24

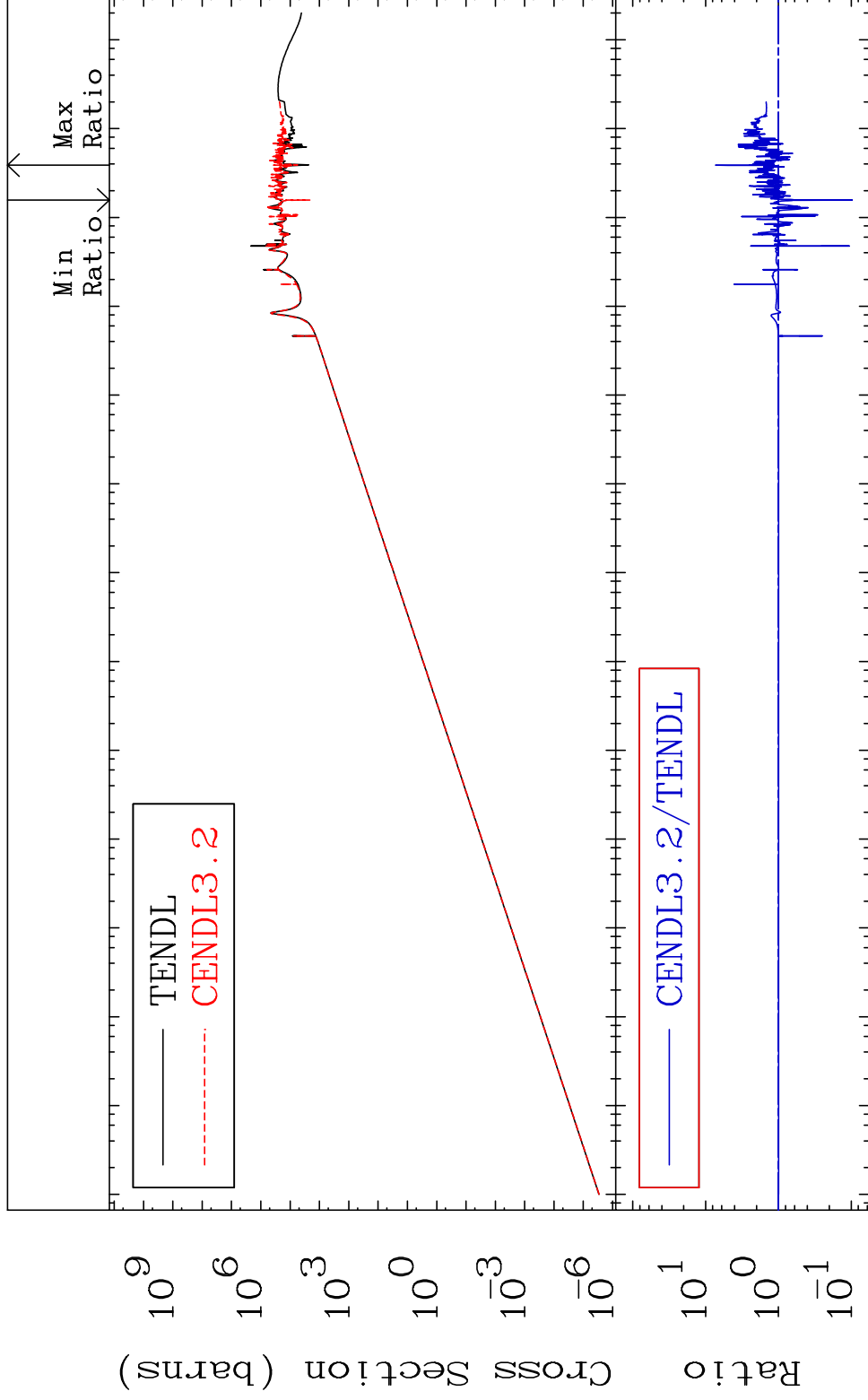
MAT 1225 Kerma total (eV-barns) 12-Mg-24
 Cross Section -89.32 To 456.6 %



MAT 1225

Kerma elastic
Cross Section

12-Mg-24
-90.30 To 627.9 %

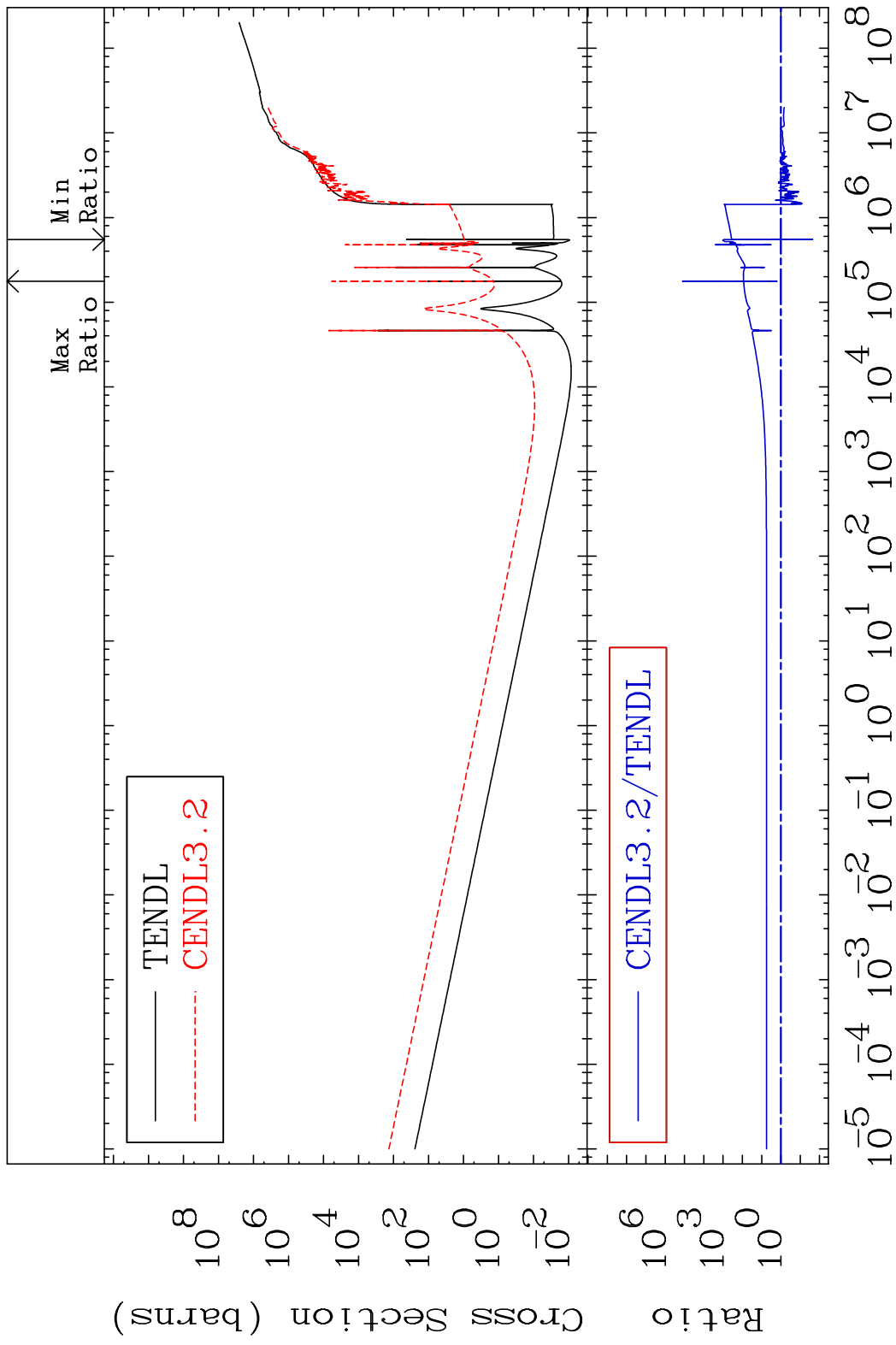


40

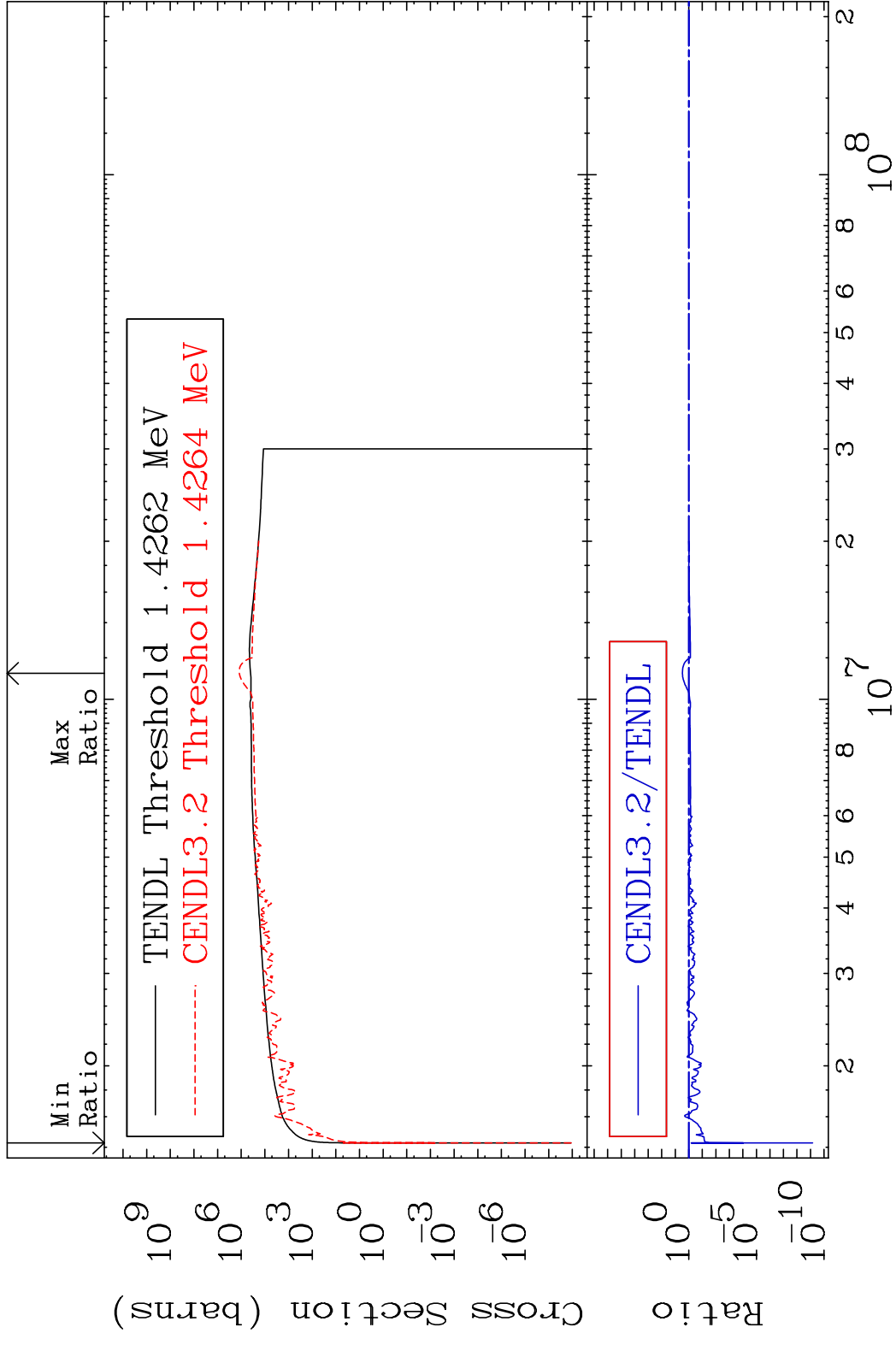
Incident Energy (eV)

12-Mg-24

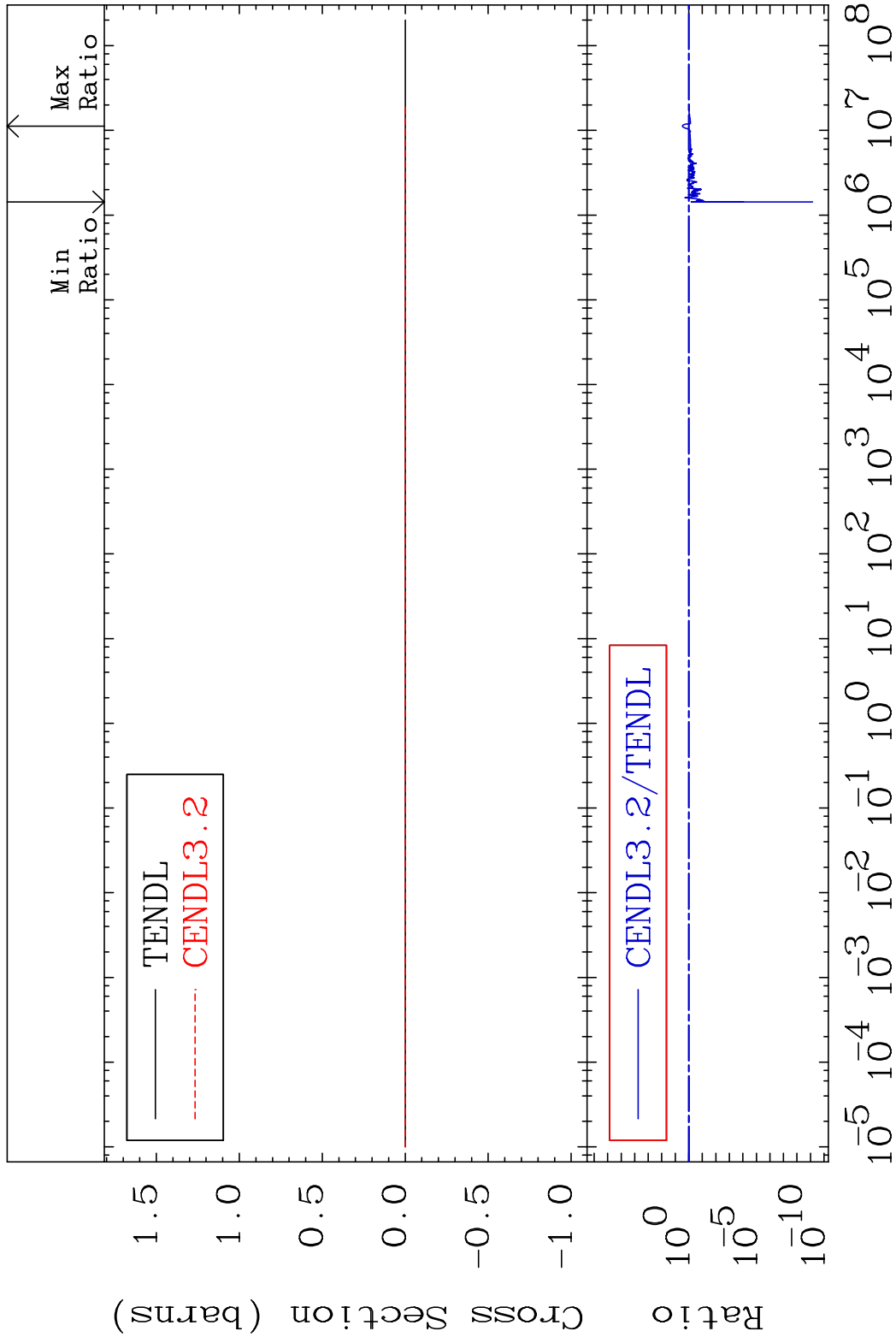
MAT 1225 Kerma non-elastic (all but mt2) 12-Mg-24
 Cross Section -97.69 To 9999. %



MAT 1225 Kerma inelastic (mt51-91) 12-Mg-24
 Cross Section -100.0 To 198.7 %

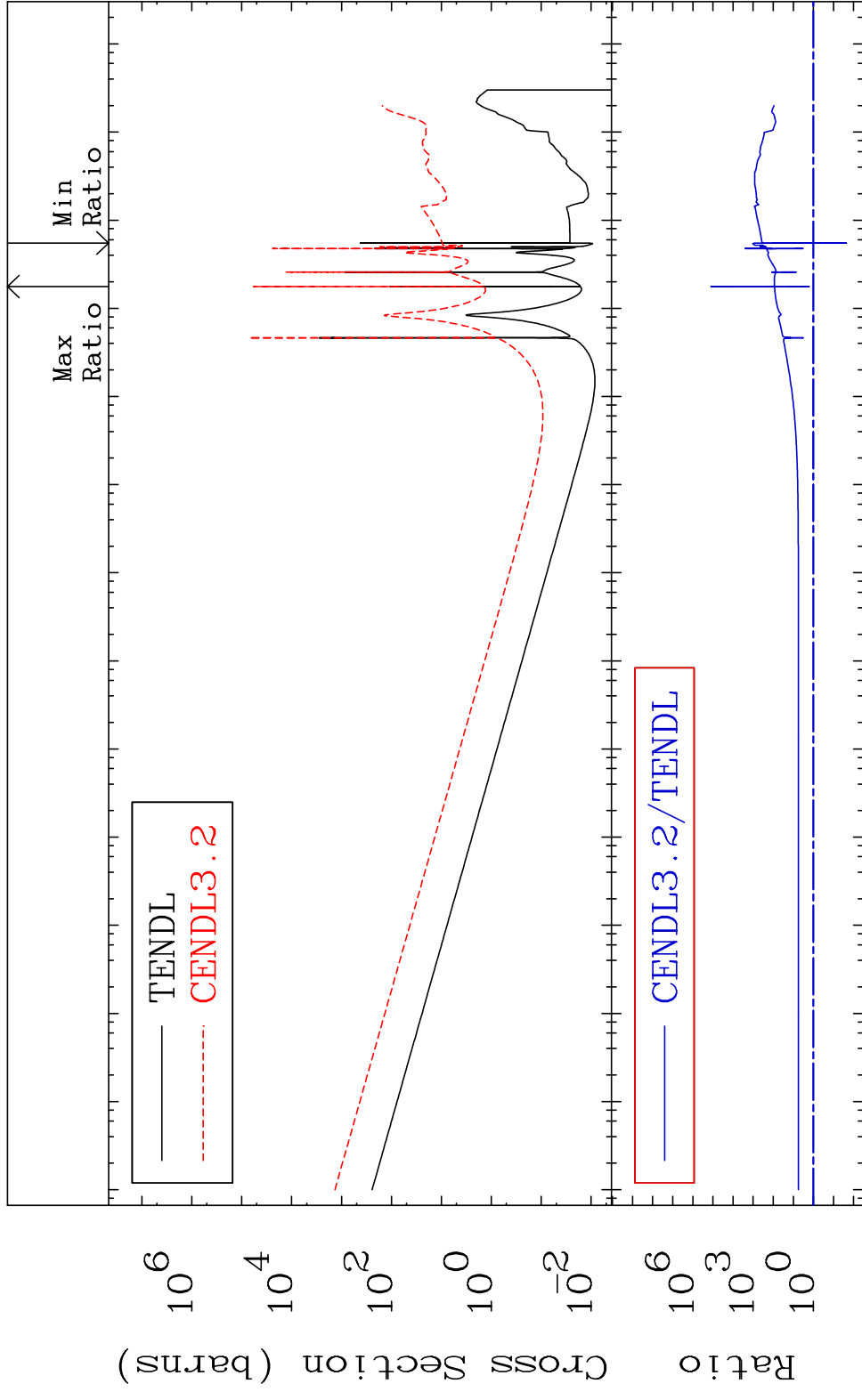


MAT 1225 Kerma fission (mt18 or mt19-20-21-38) 12-Mg-24
 Cross Section -100.0 To 198.7 %

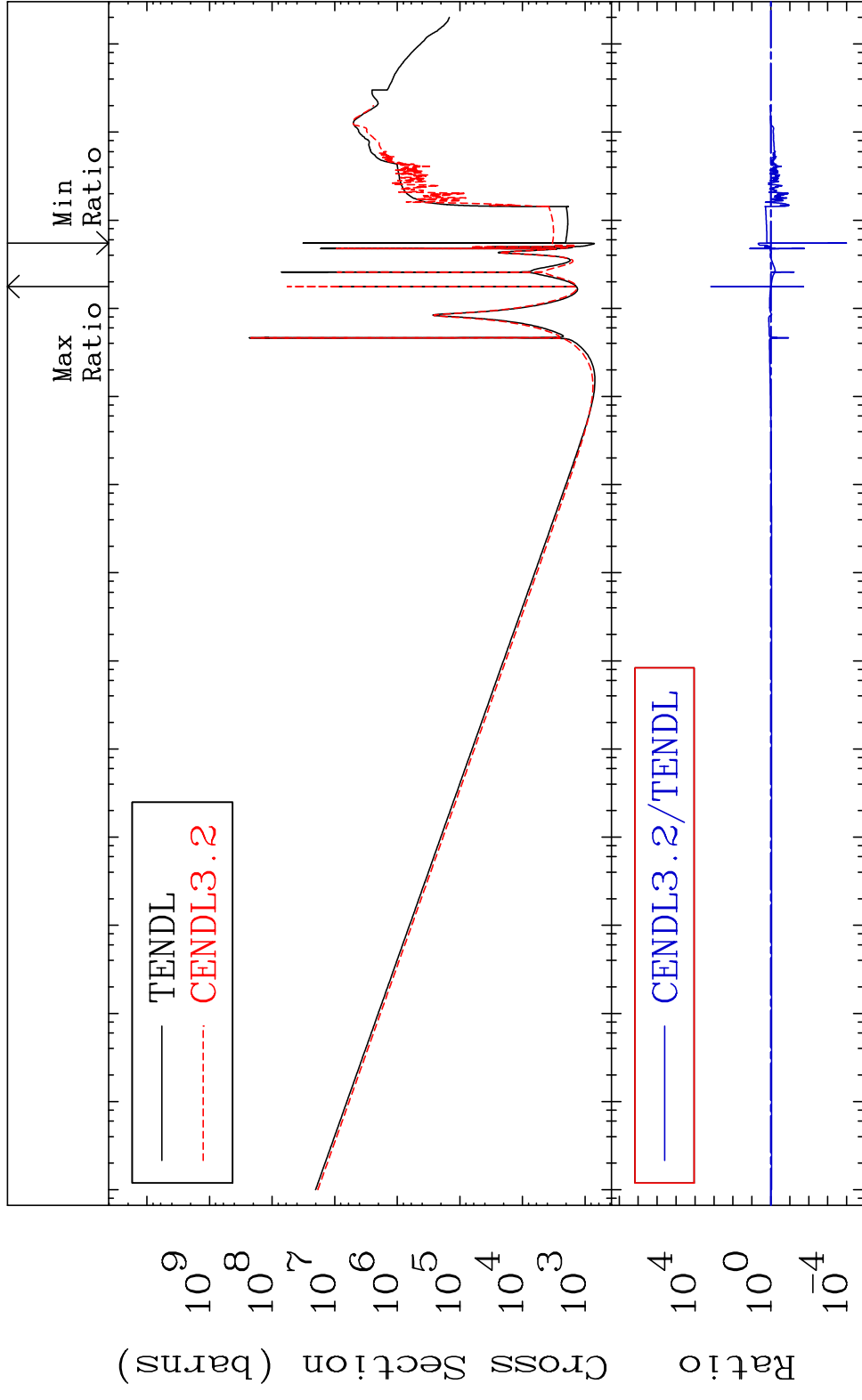


MAT 1225

Kerma capture (mt102) 12-Mg-24
Cross Section -97.69 To 9999. %

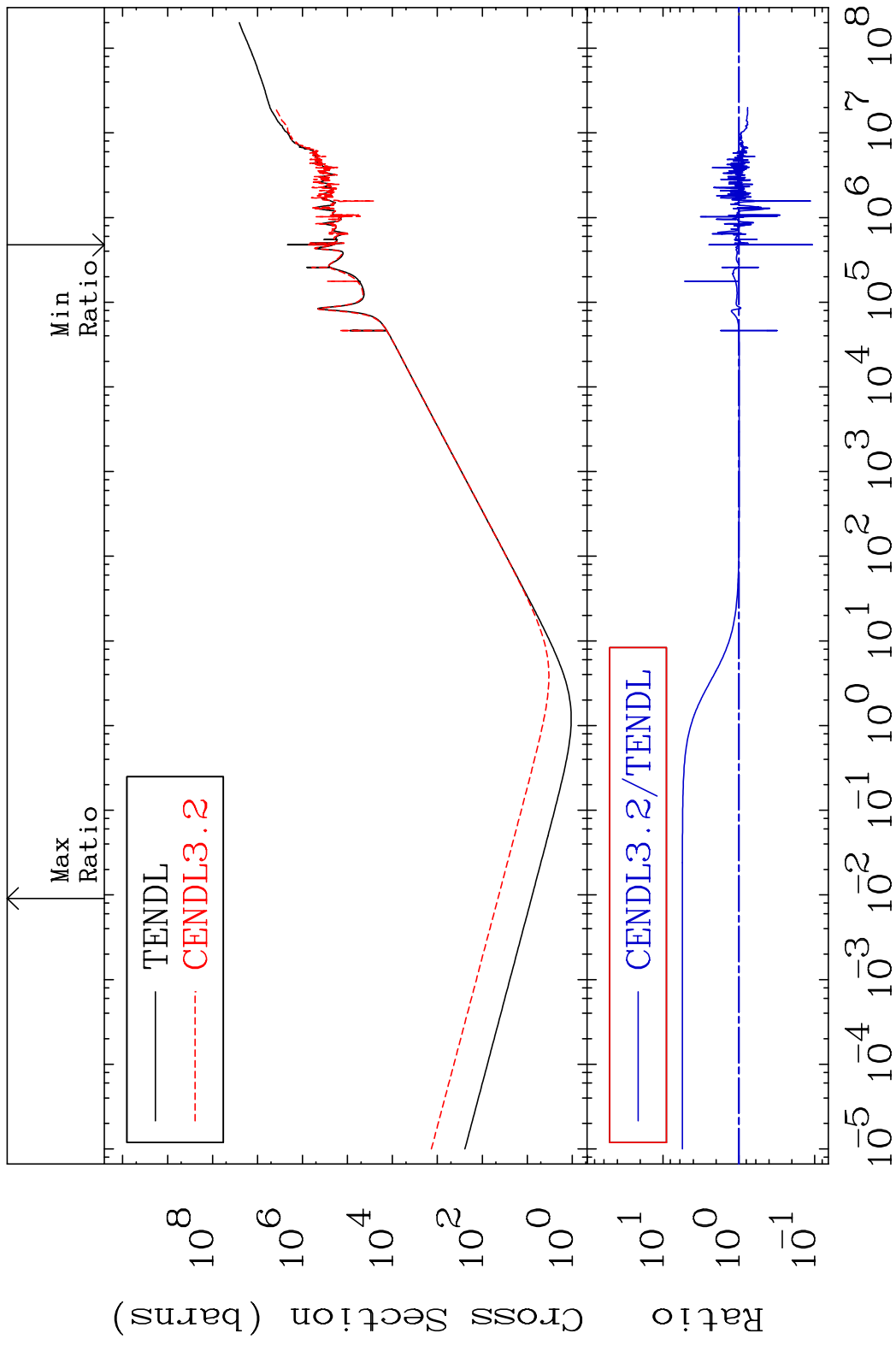


MAT 1225 Total photon (eV-barns) 12-Mg-24
 Cross Section -99.99 To 9999. %

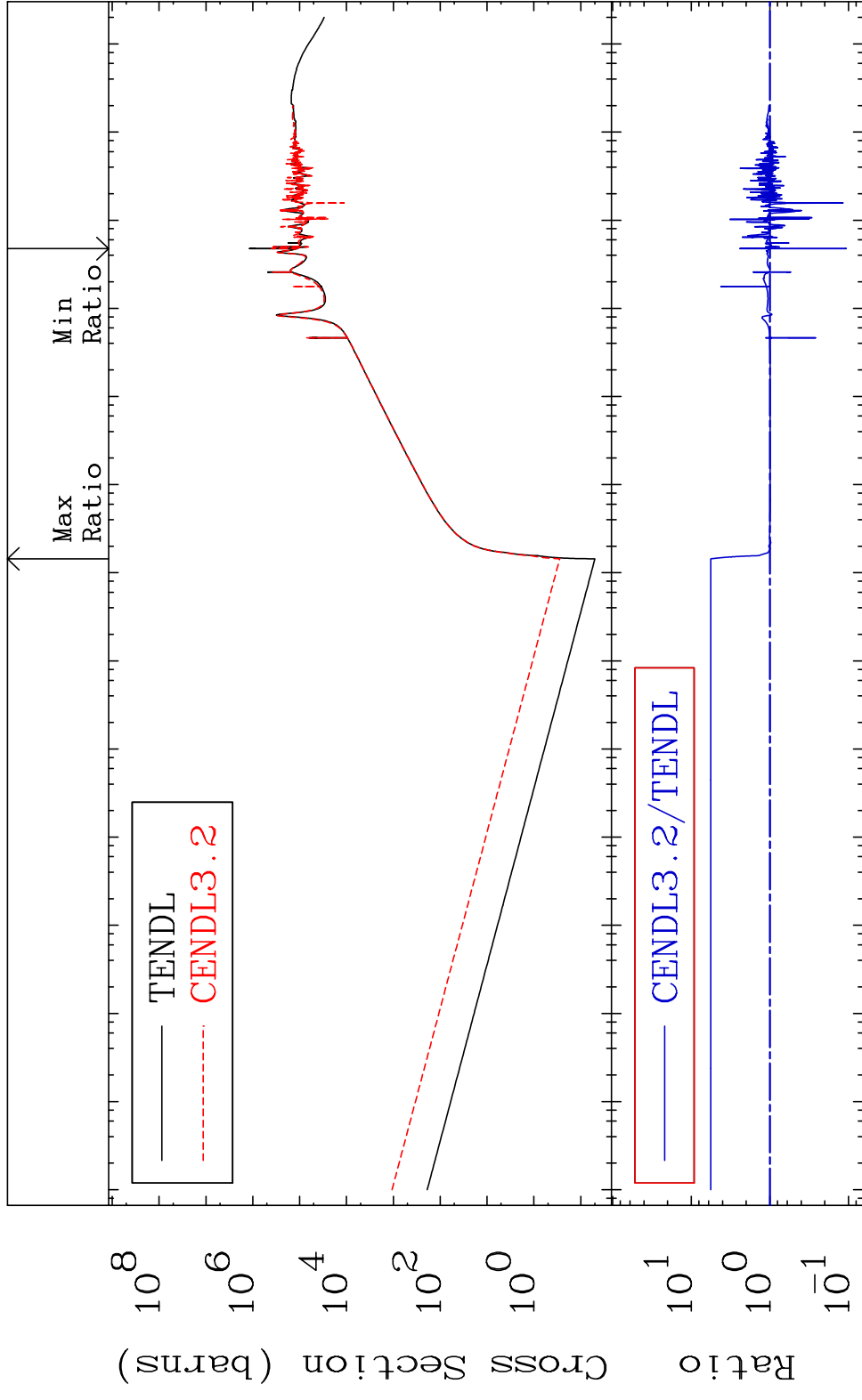


45 Incident Energy (eV) 12-Mg-24

MAT 1225 Total kinematic kerma (high limit) 12-Mg-24
 Cross Section -89.32 To 456.6 %



MAT 1225 Dpa total (eV-barns) 12-Mg-24
 Cross Section -89.36 To 465.5 %



47 Incident Energy (eV) 12-Mg-24

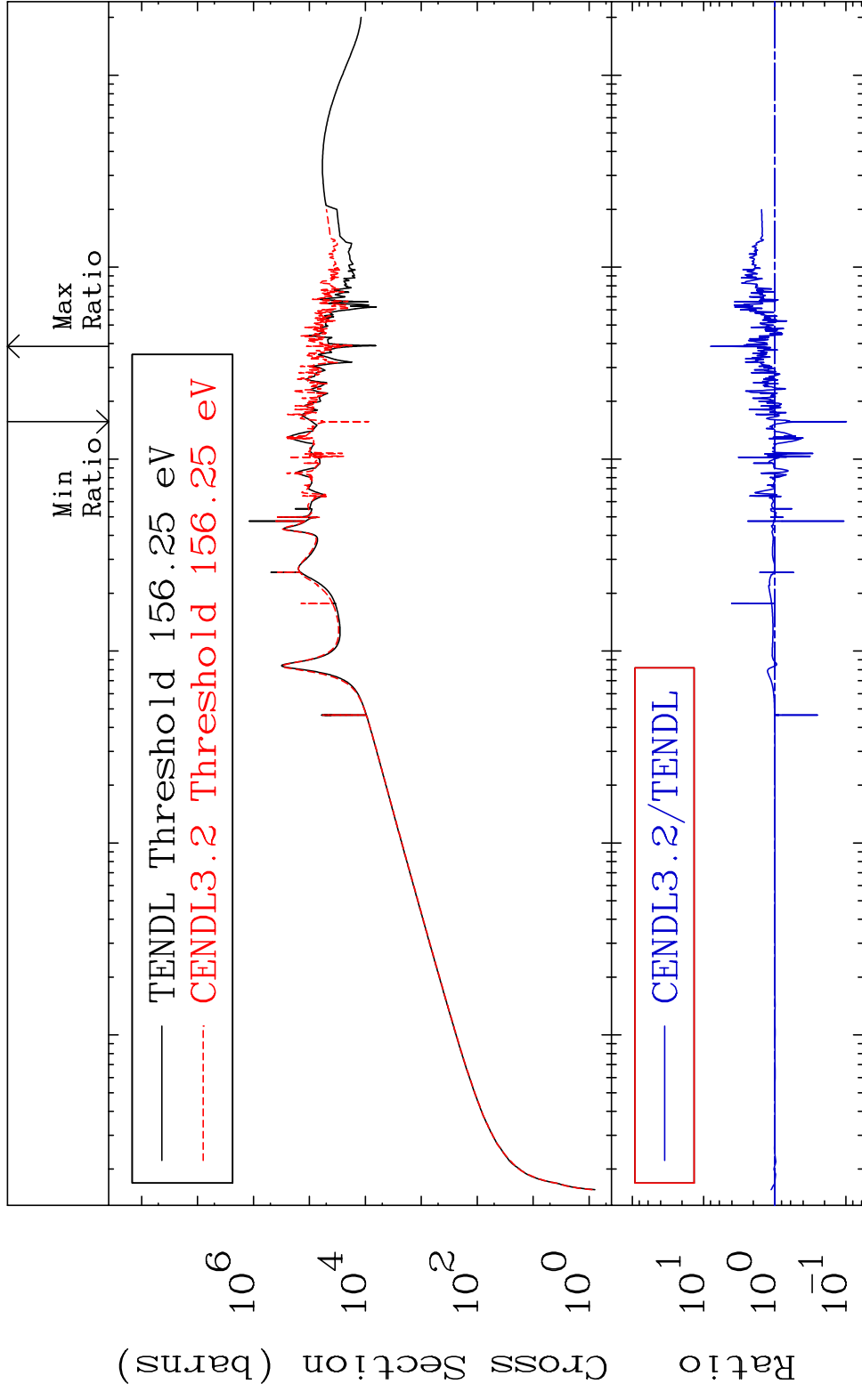
MAT 1225

Dpa elastic (mt2)

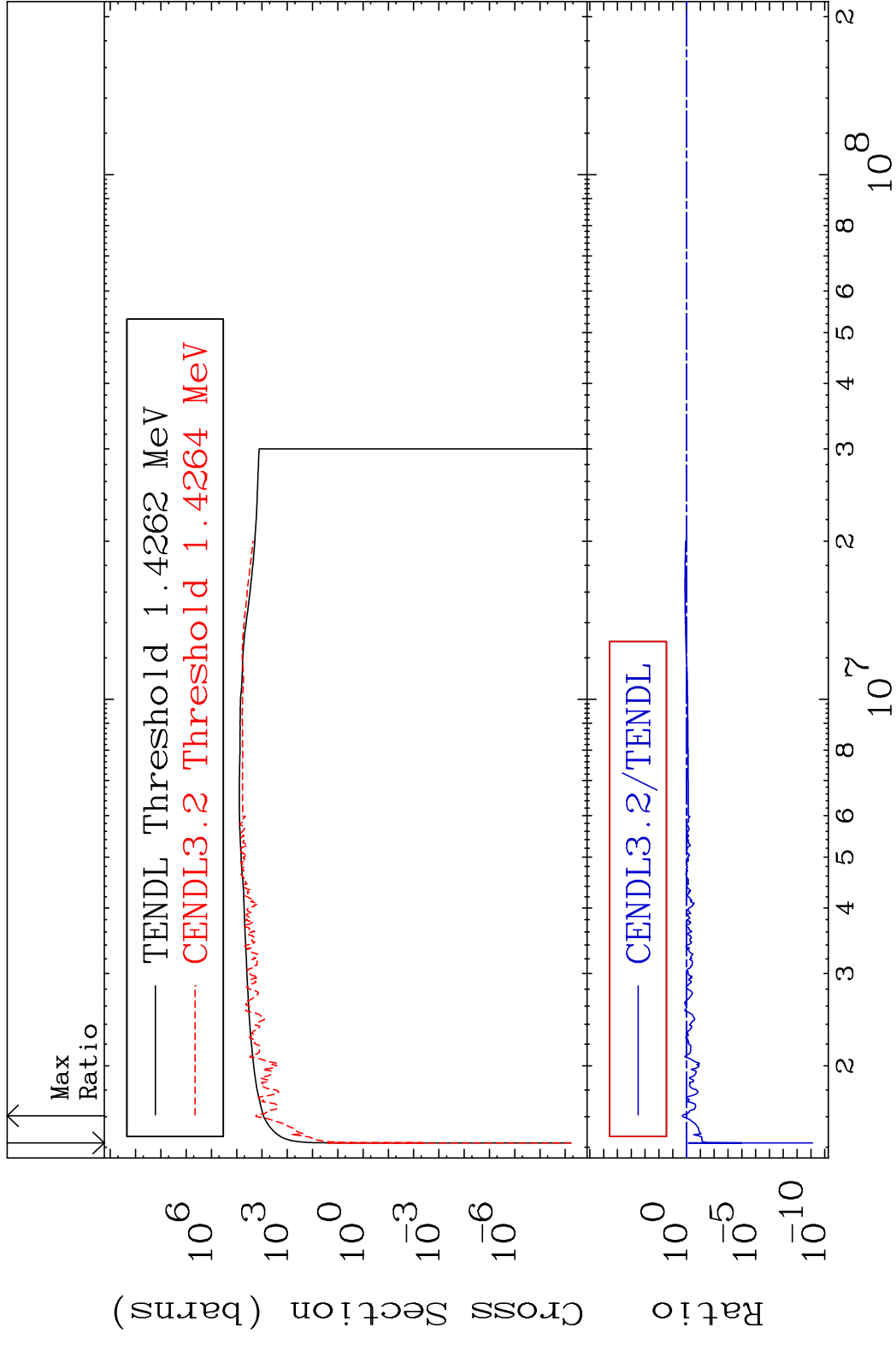
12-Mg-24

Cross Section

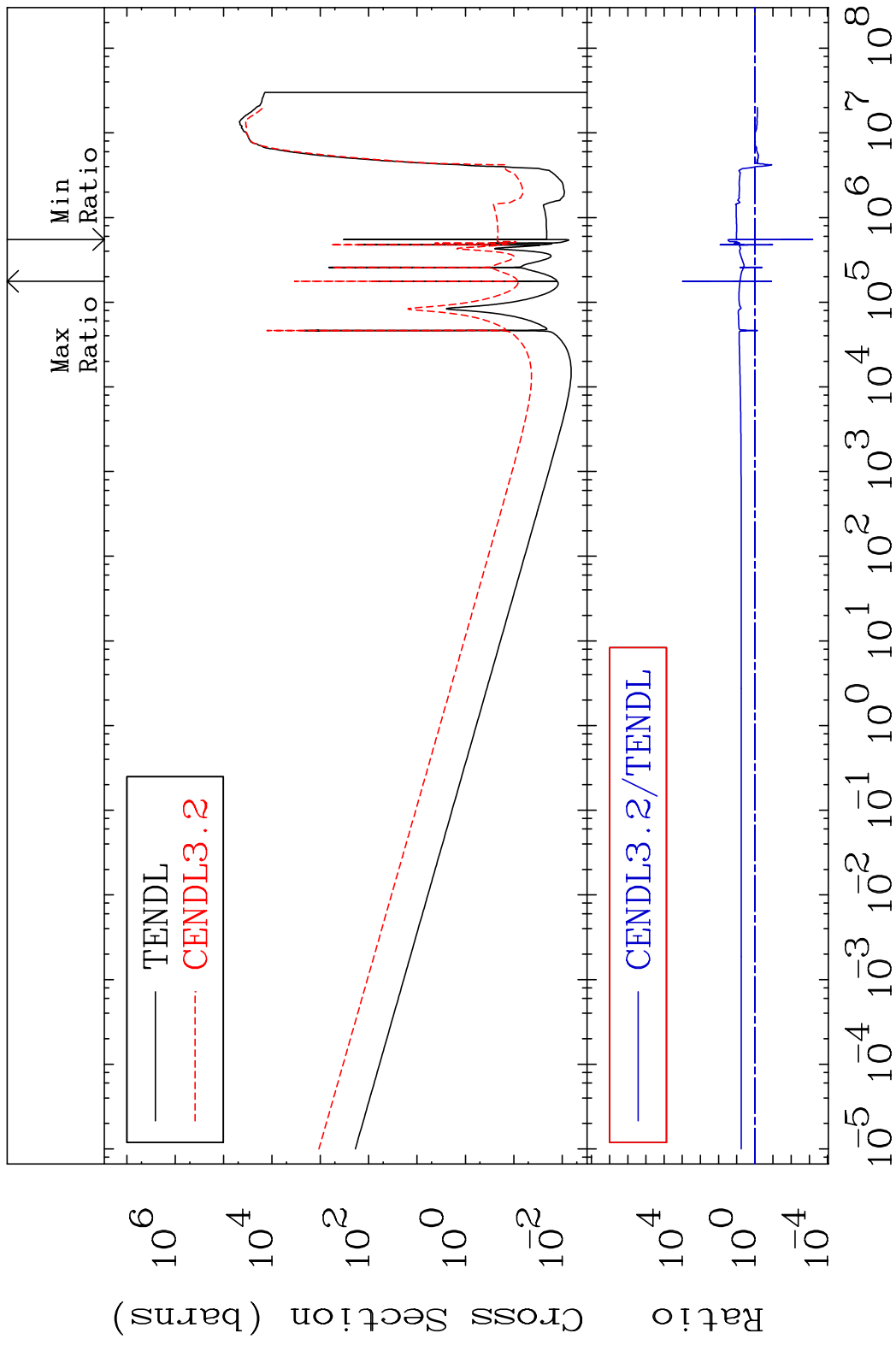
-90.14 To 692.9 %



MAT 1225 Dpa inelastic (mt51-91) 12-Mg-24
 Cross Section -100.0 To 100.7 %



MAT 1225 Dpa disappearance (mt102 -120) 12-Mg-24
 Cross Section -99.93 To 9999. %



50 Incident Energy (eV) 12-Mg-24