

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

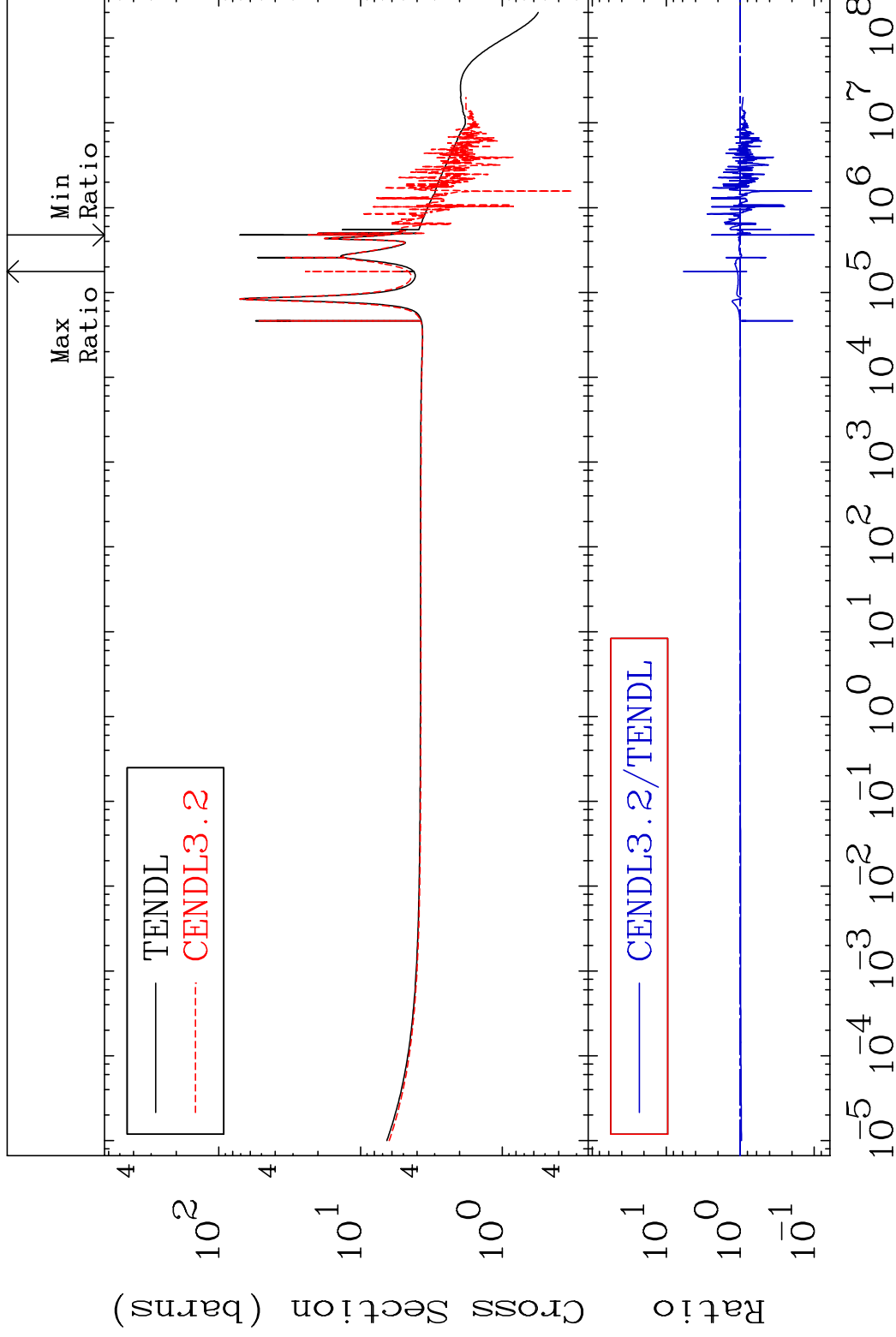
MAT 1225

Total

12-Mg-24

Cross Section

-89.99 To 481.5 %



1

Incident Energy (eV)

12-Mg-24

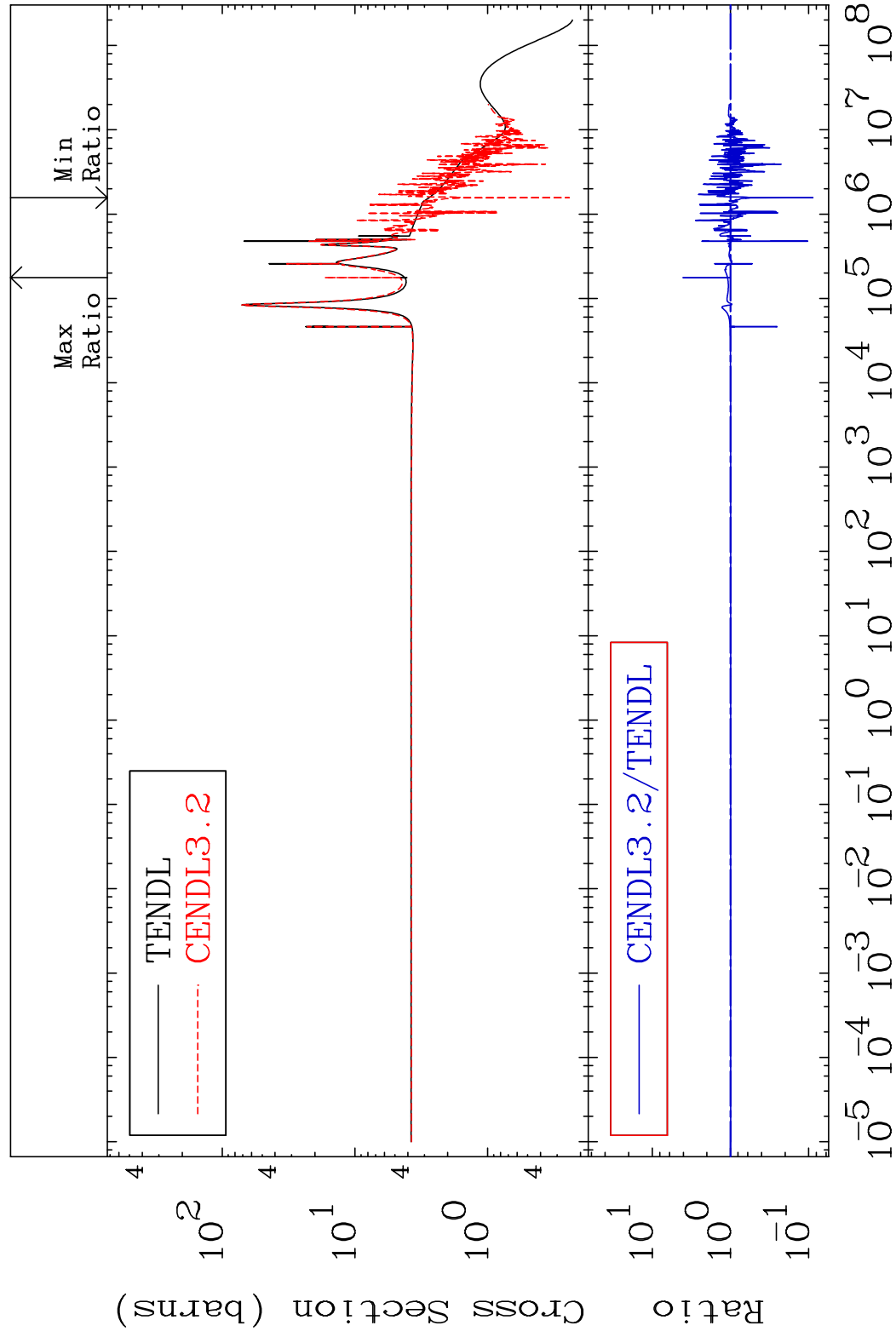
MAT 1225

Elastic

12-Mg-24

Cross Section

-91.15 To 302.2 %

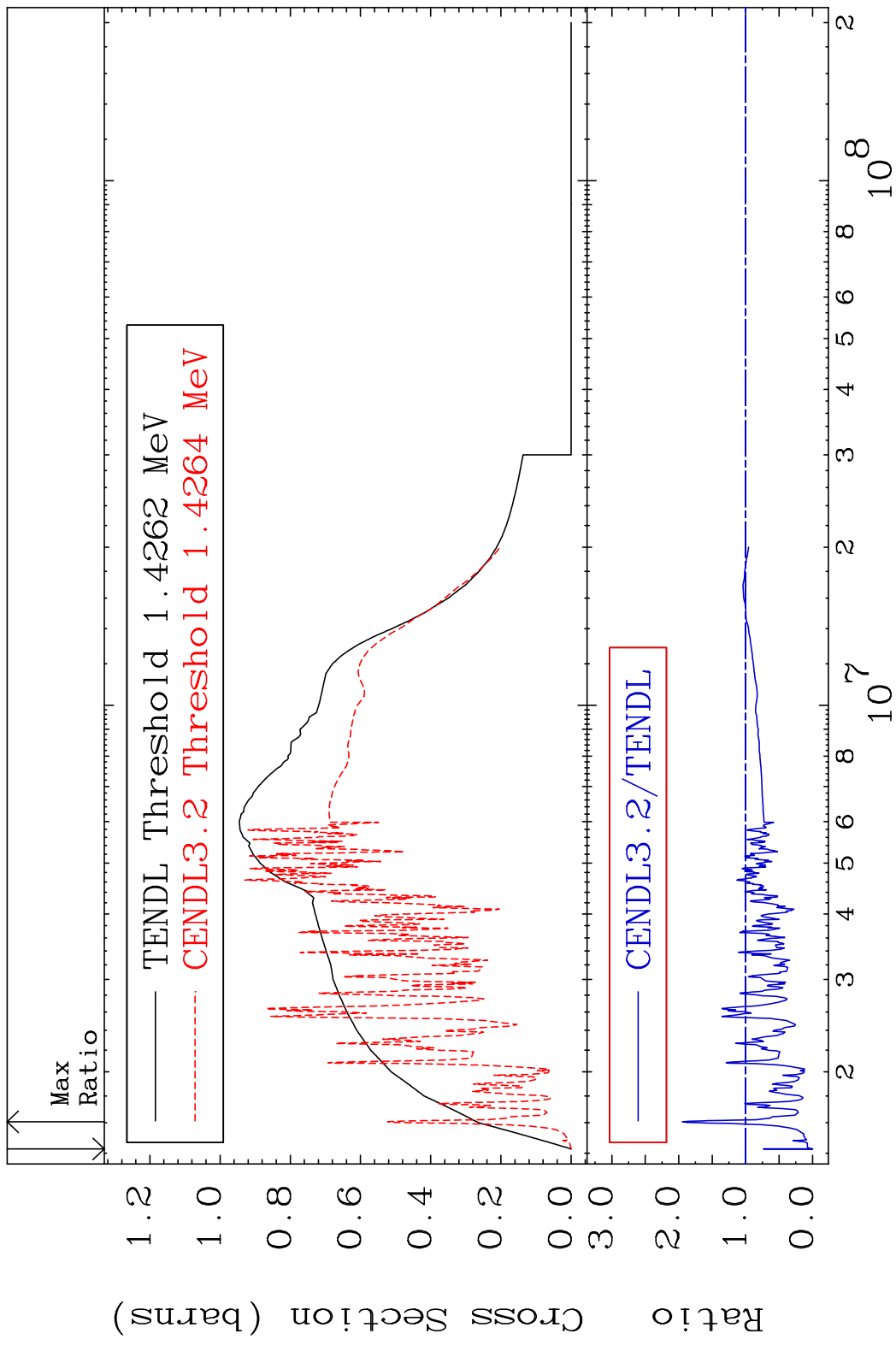


2

Incident Energy (eV)

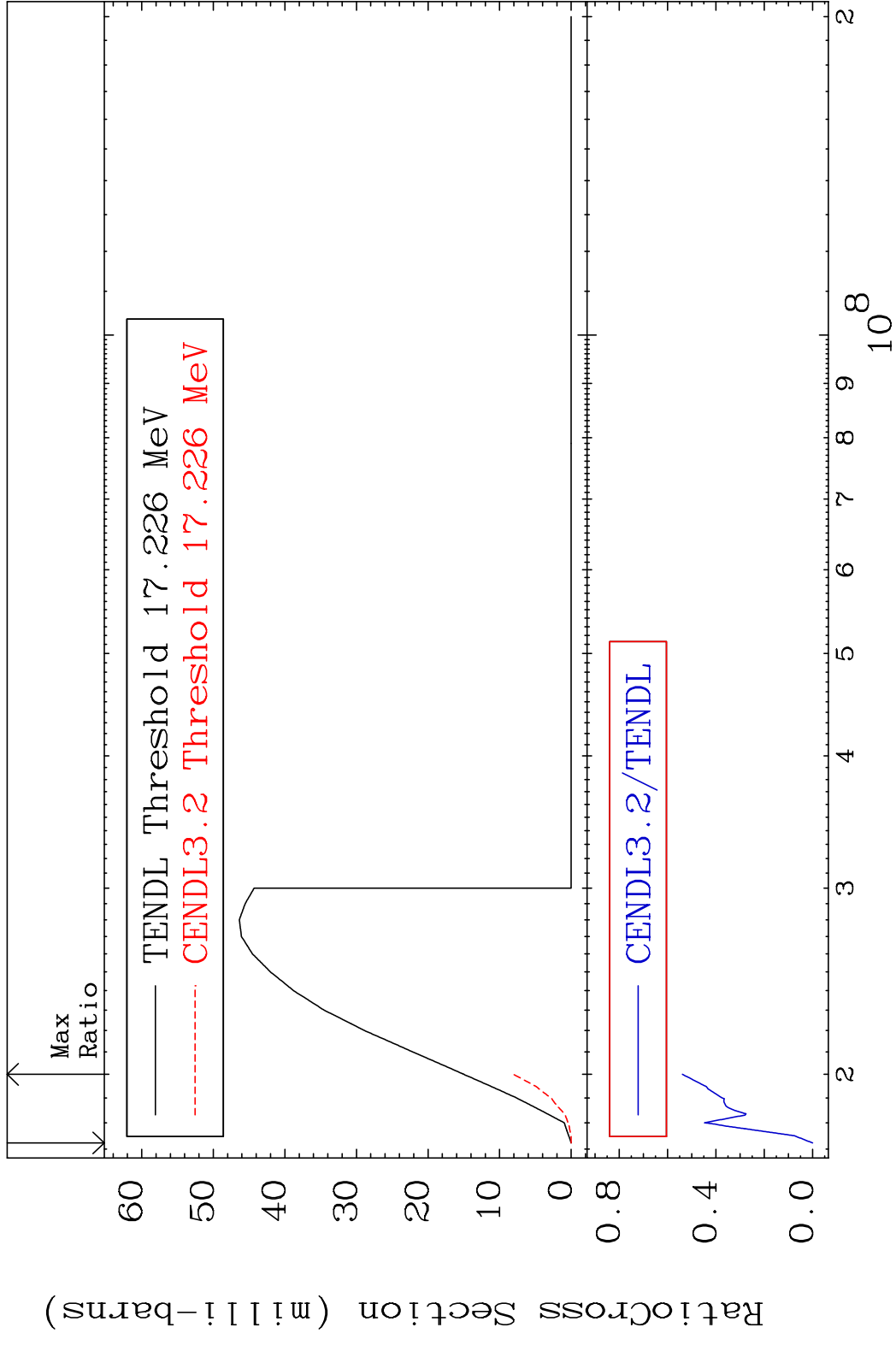
12-Mg-24

MAT 1225 Inelastic 12-Mg-24
 Cross Section -100.0 To 94.58 %



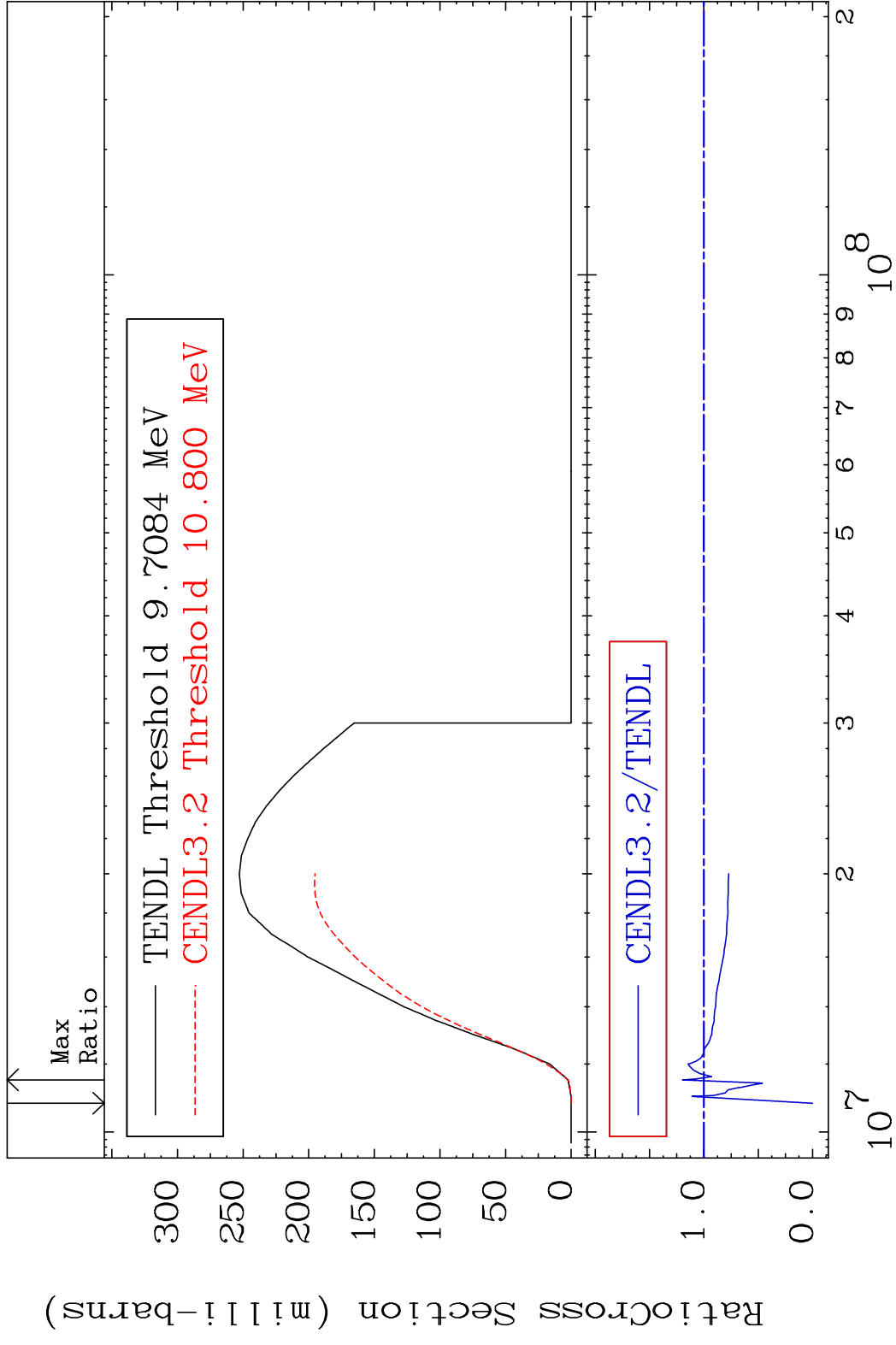
3 Incident Energy (eV) 12-Mg-24

MAT 1225 (n,2n) 12-Mg-24
 Cross Section -100.0 To -46.11%



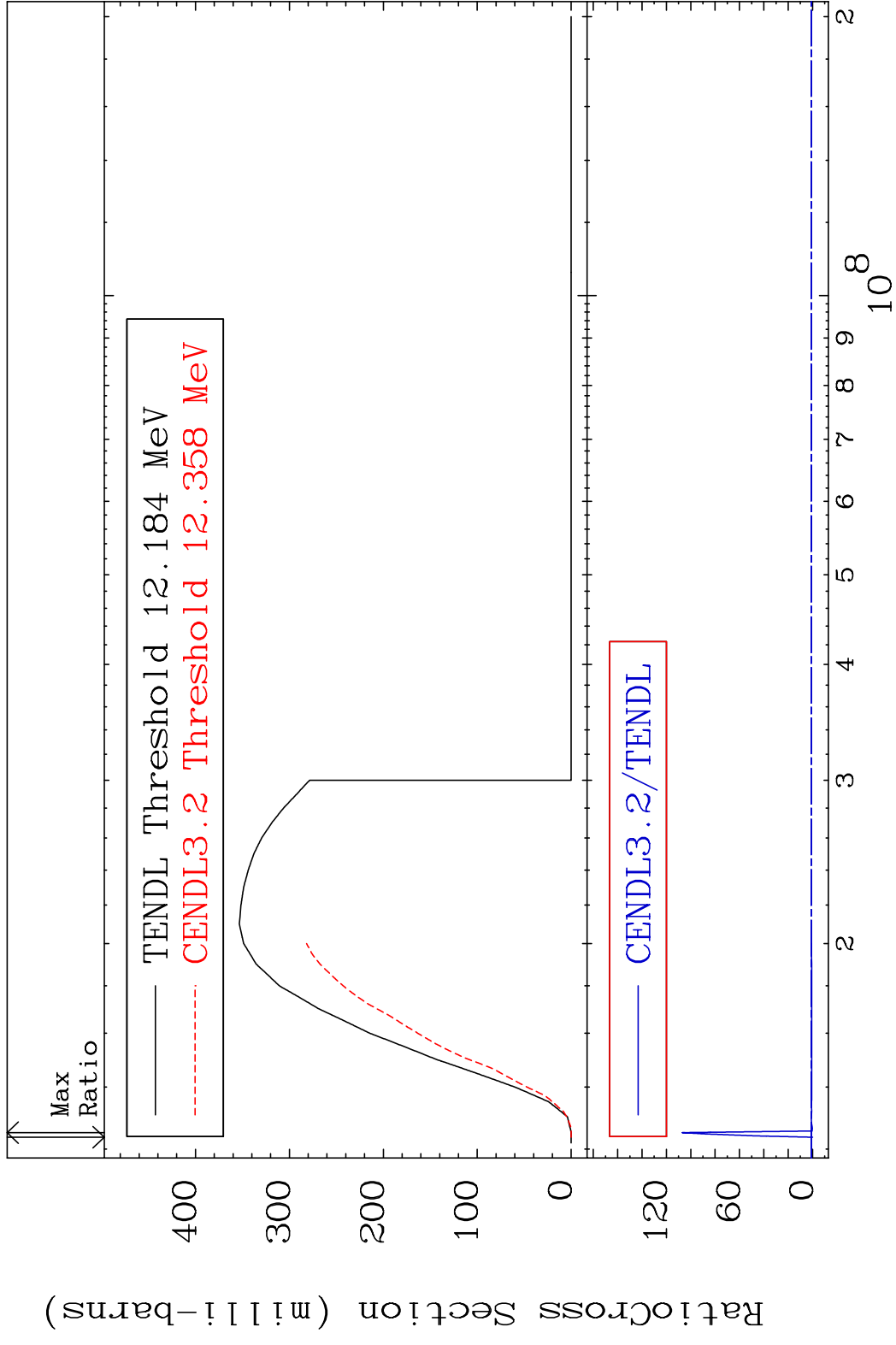
4 Incident Energy (eV) 12-Mg-24

MAT 1225 (n, n') α 12-Mg-24
 Cross Section -100.0 To 19.87 %



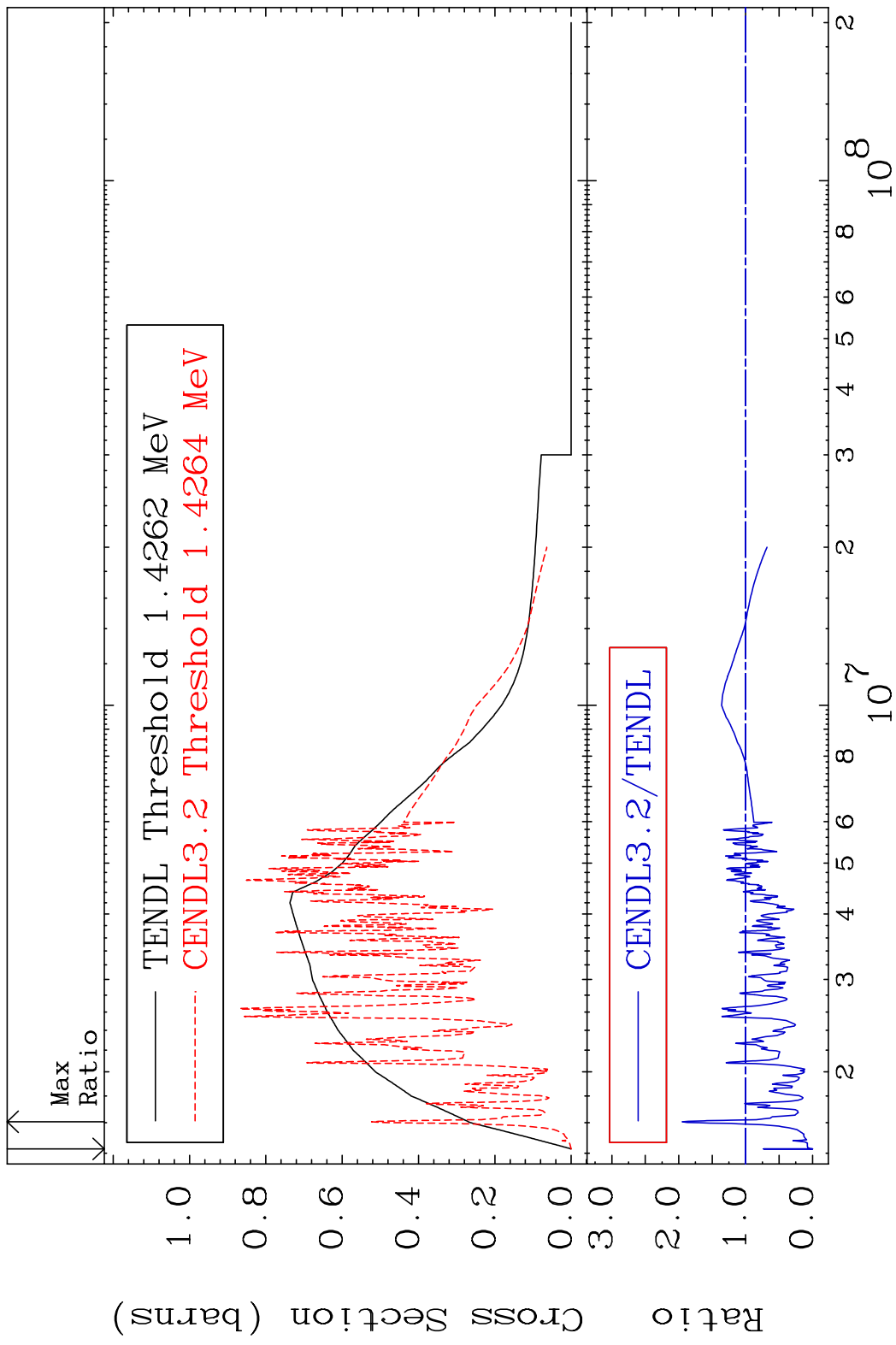
5 Incident Energy (eV) 12-Mg-24

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

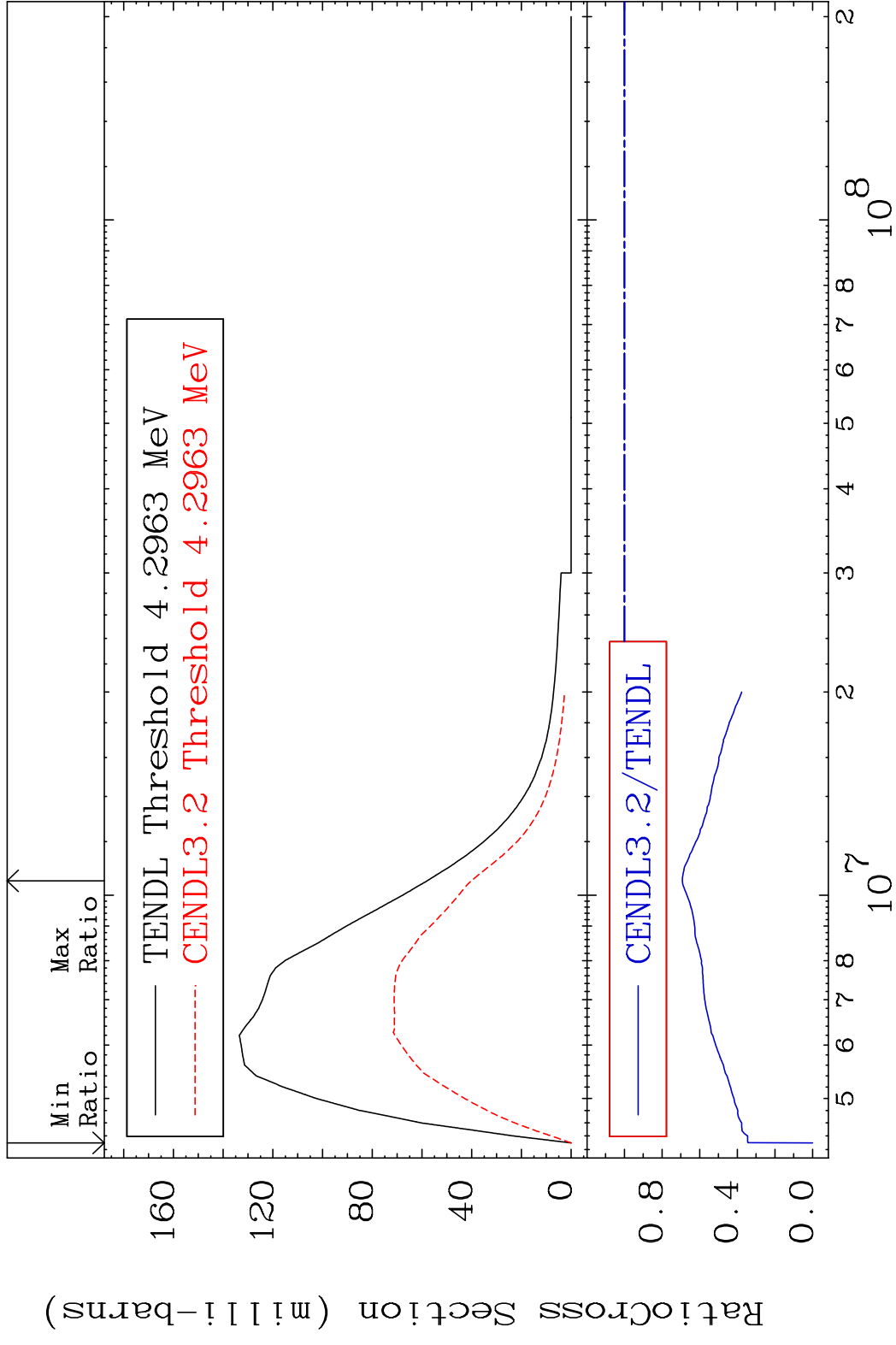


6 12-Mg-24

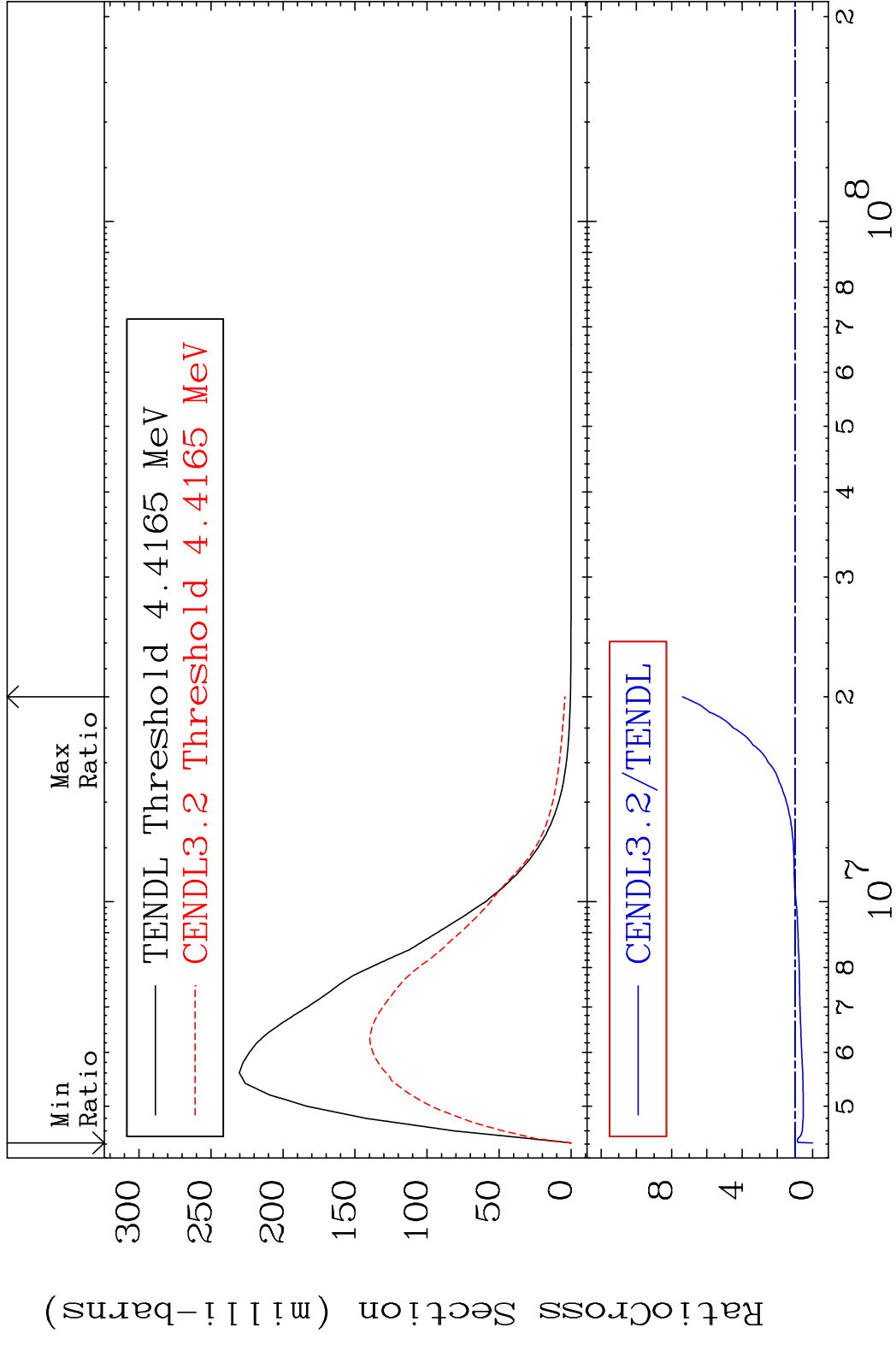
MAT 1225 MT= 51 (n,n') Level 12-Mg-24
 Cross Section -100.0 To 94.58 %



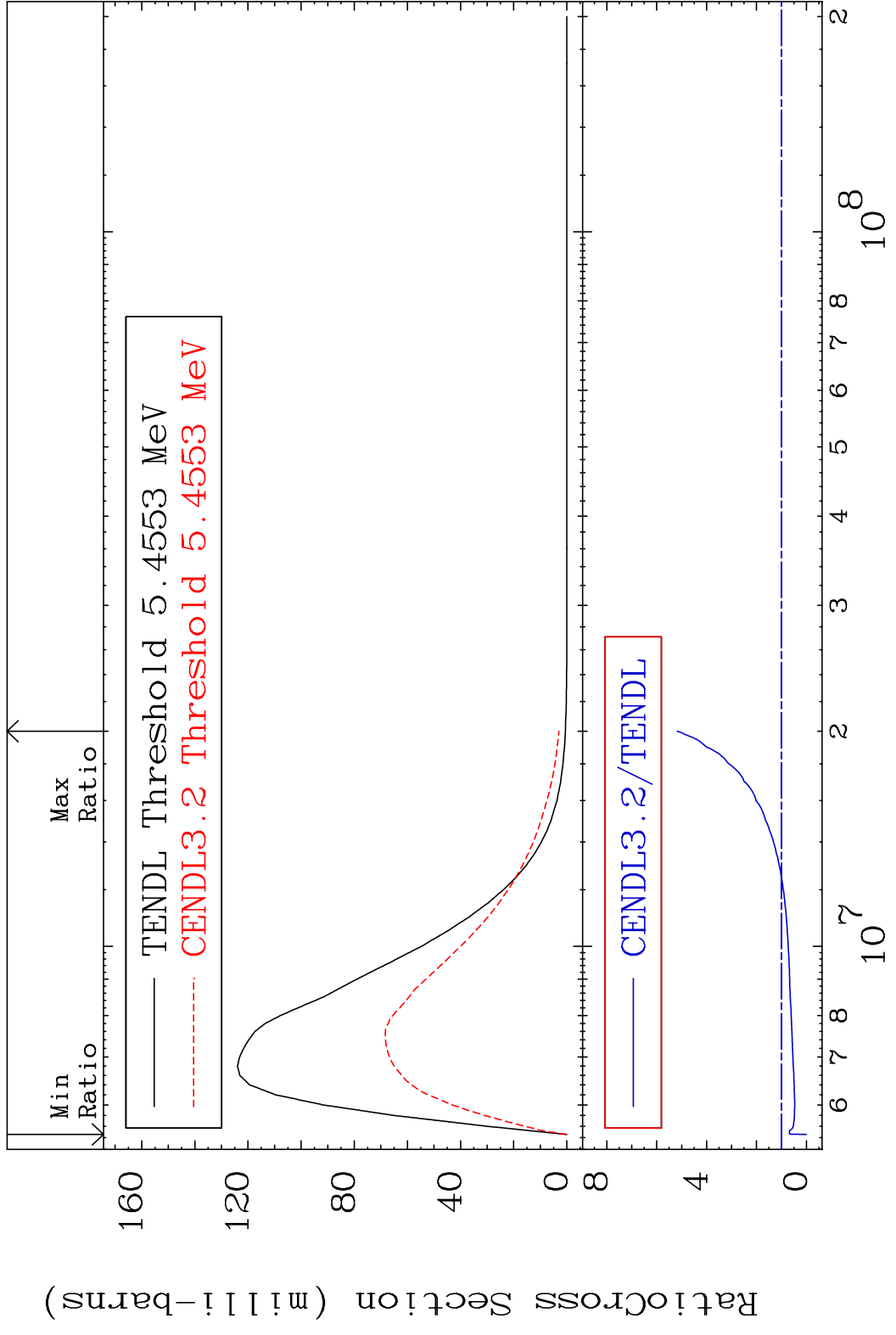
MAT 1225 MT= 52 (n, n') Level 12-Mg-24
 Cross Section -100.0 To -30.79%



MAT 1225 MT= 53 (n, n') Level 12-Mg-24
 Cross Section -100.0 To 639.2 %

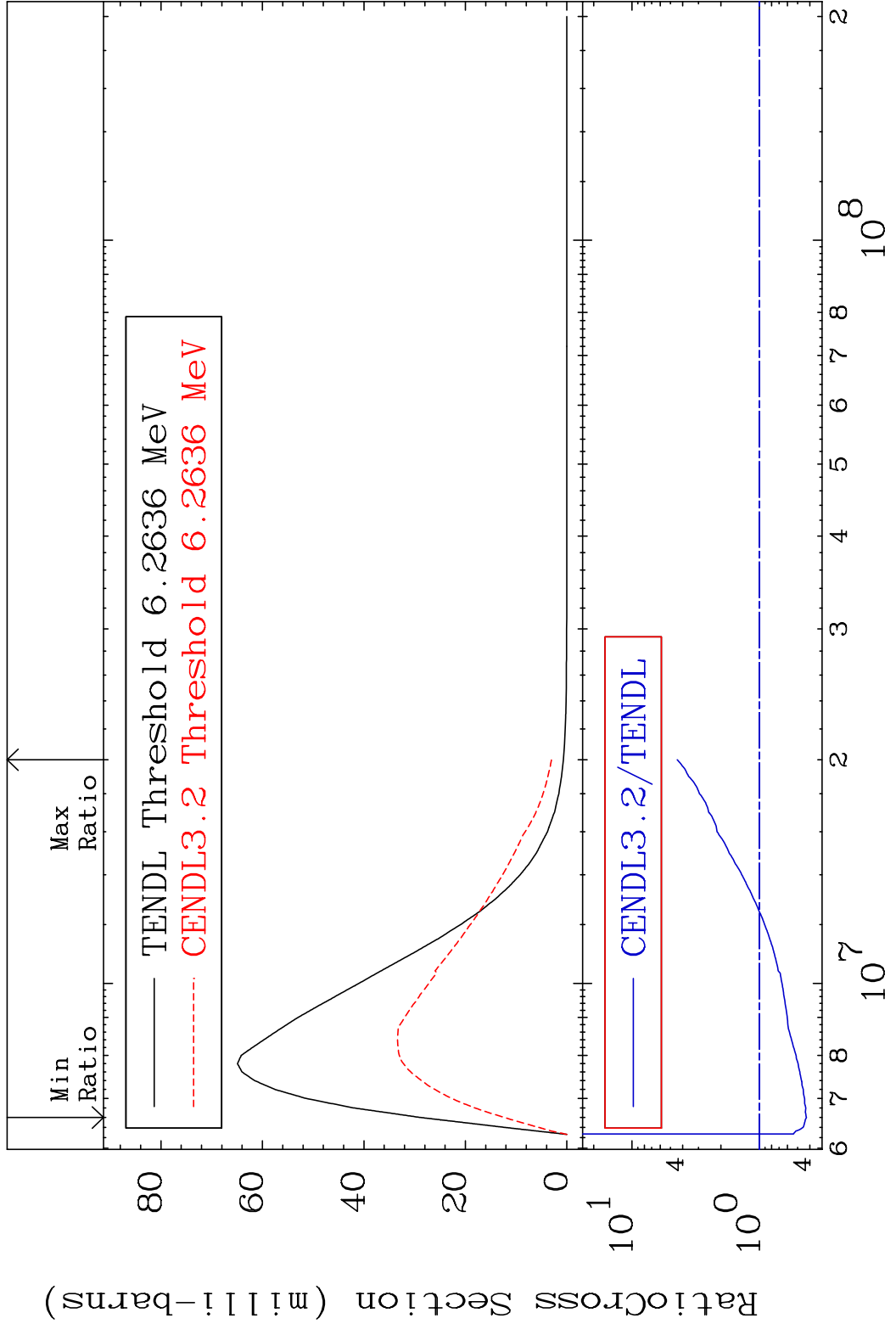


MAT 1225 MT= 54 (n,n') Level 12-Mg-24
 Cross Section -100.0 To 417.9 %

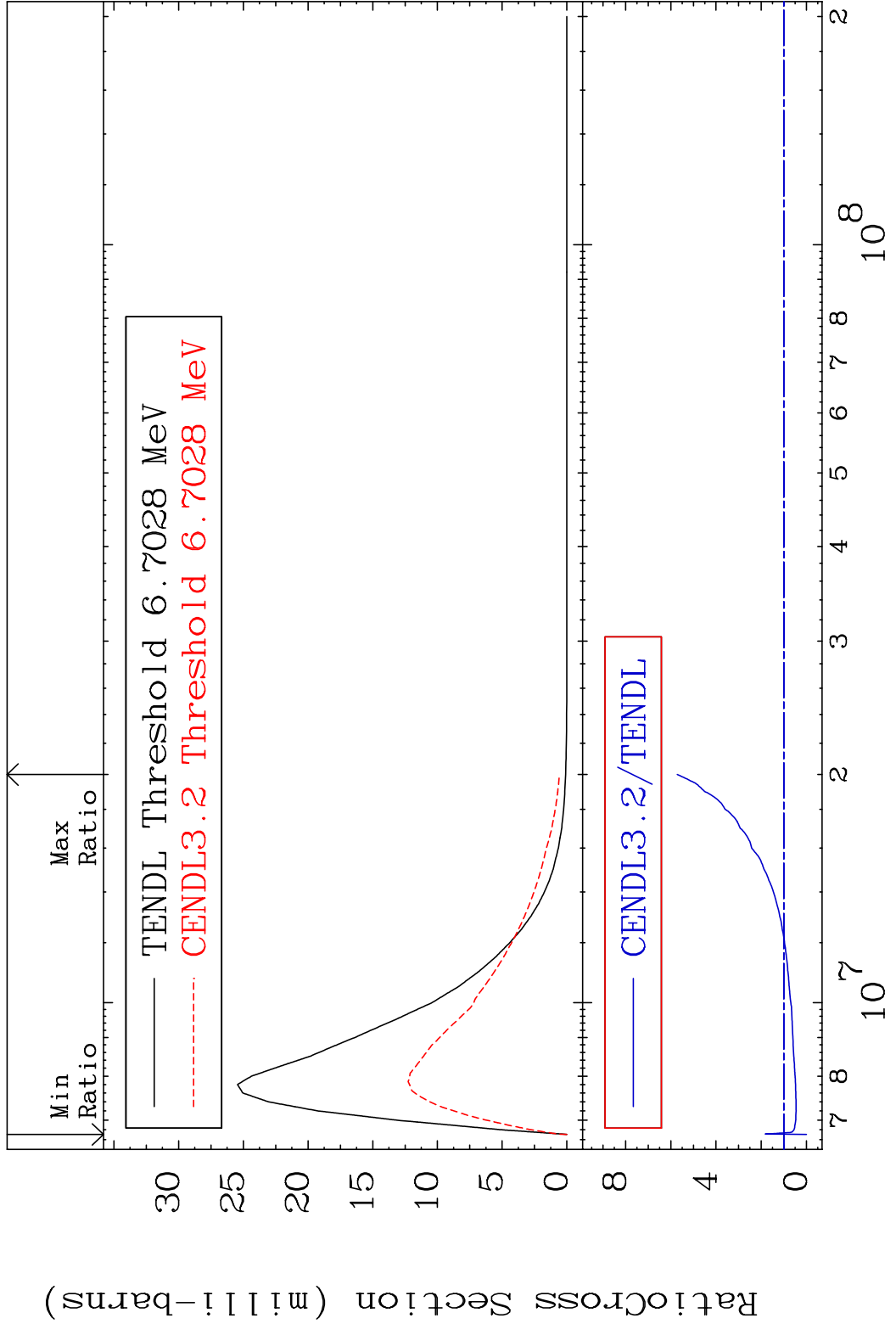


10 10 10 2

MAT 1225 MT= 55 (n, n') Level 12-Mg-24
 Cross Section -57.35 To 341.7 %

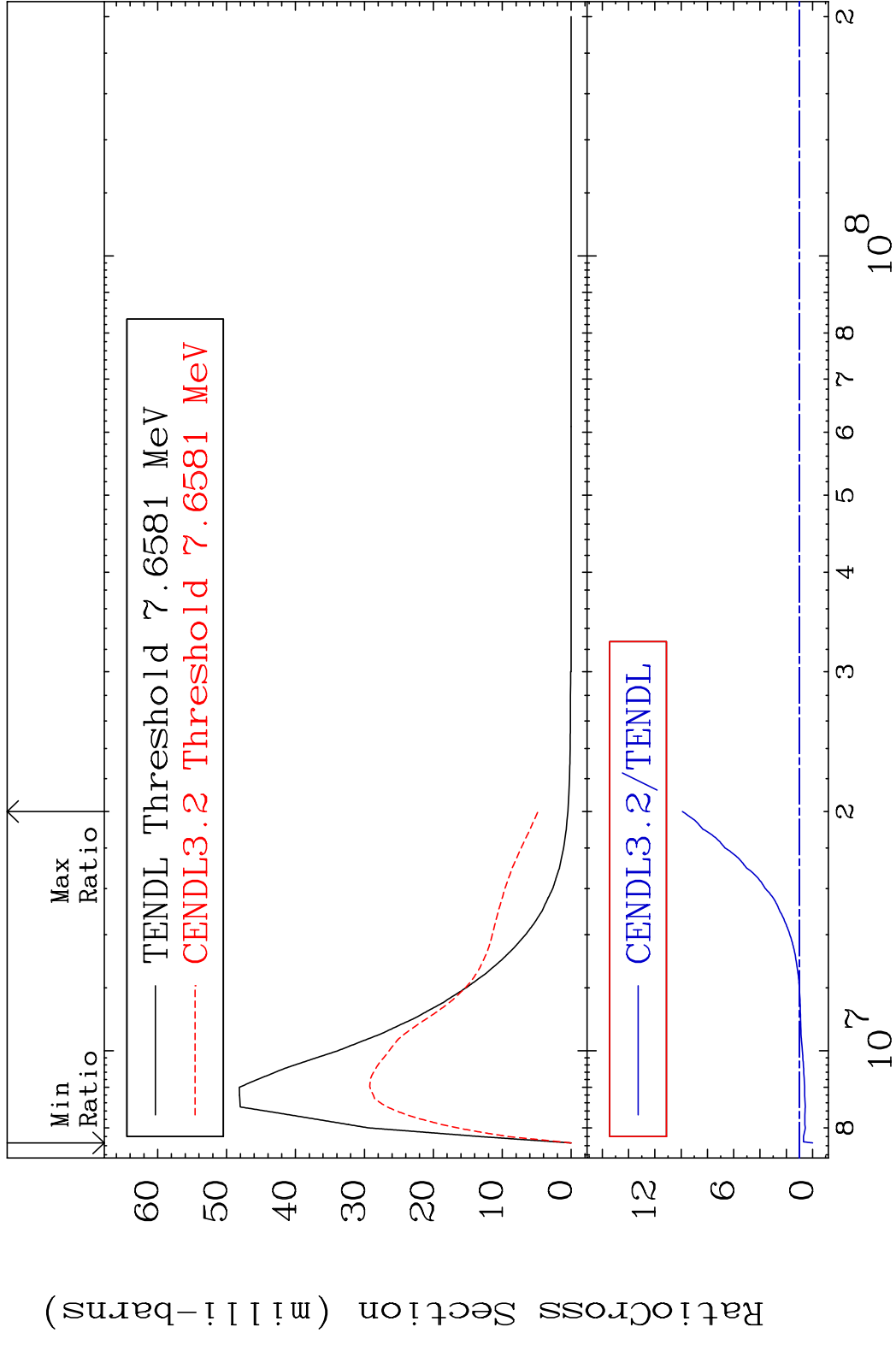


MAT 1225 MT= 56 (n,n') Level 12-Mg-24
 Cross Section -100.0 To 471.9 %

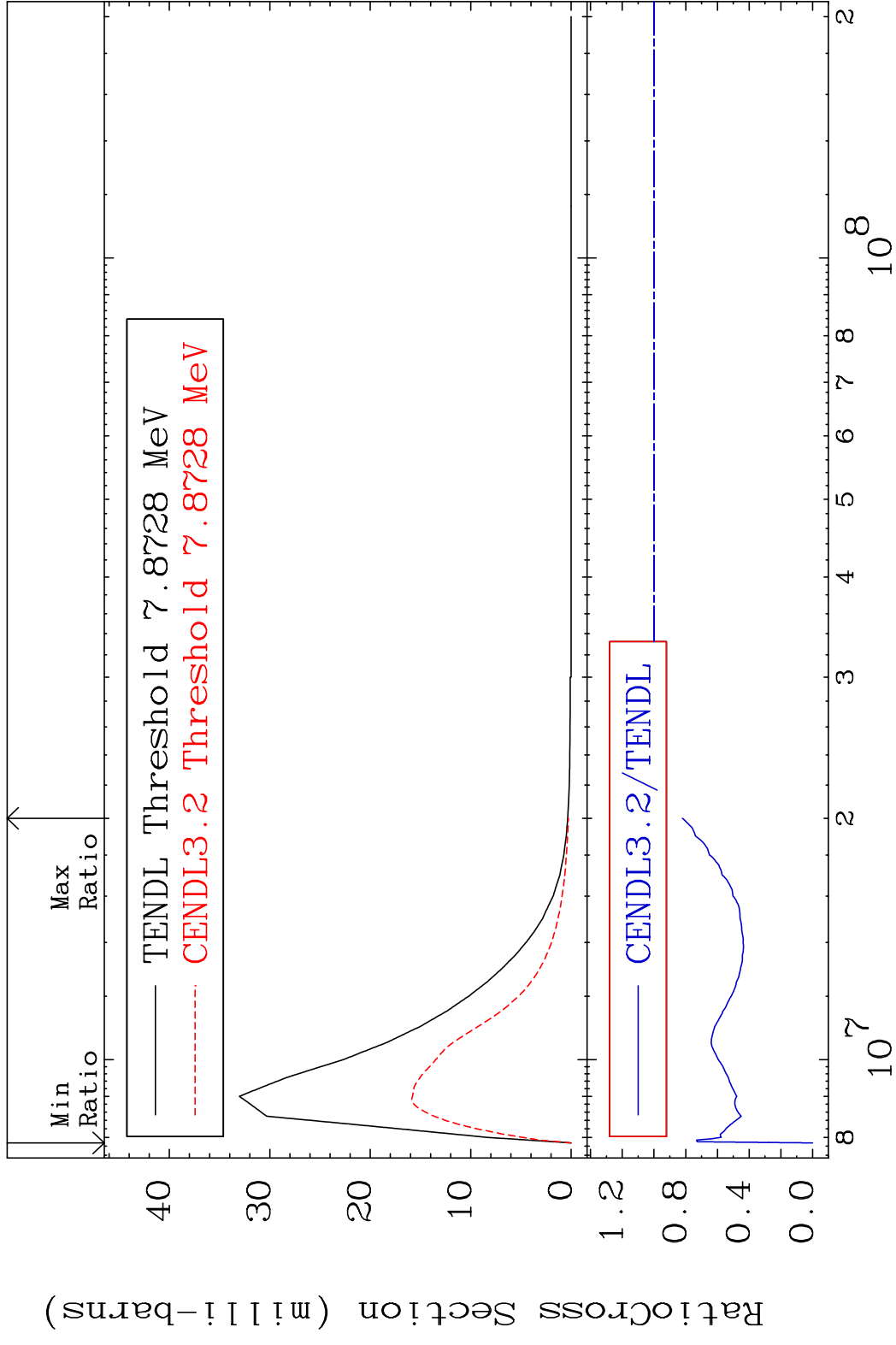


12 12-Mg-24

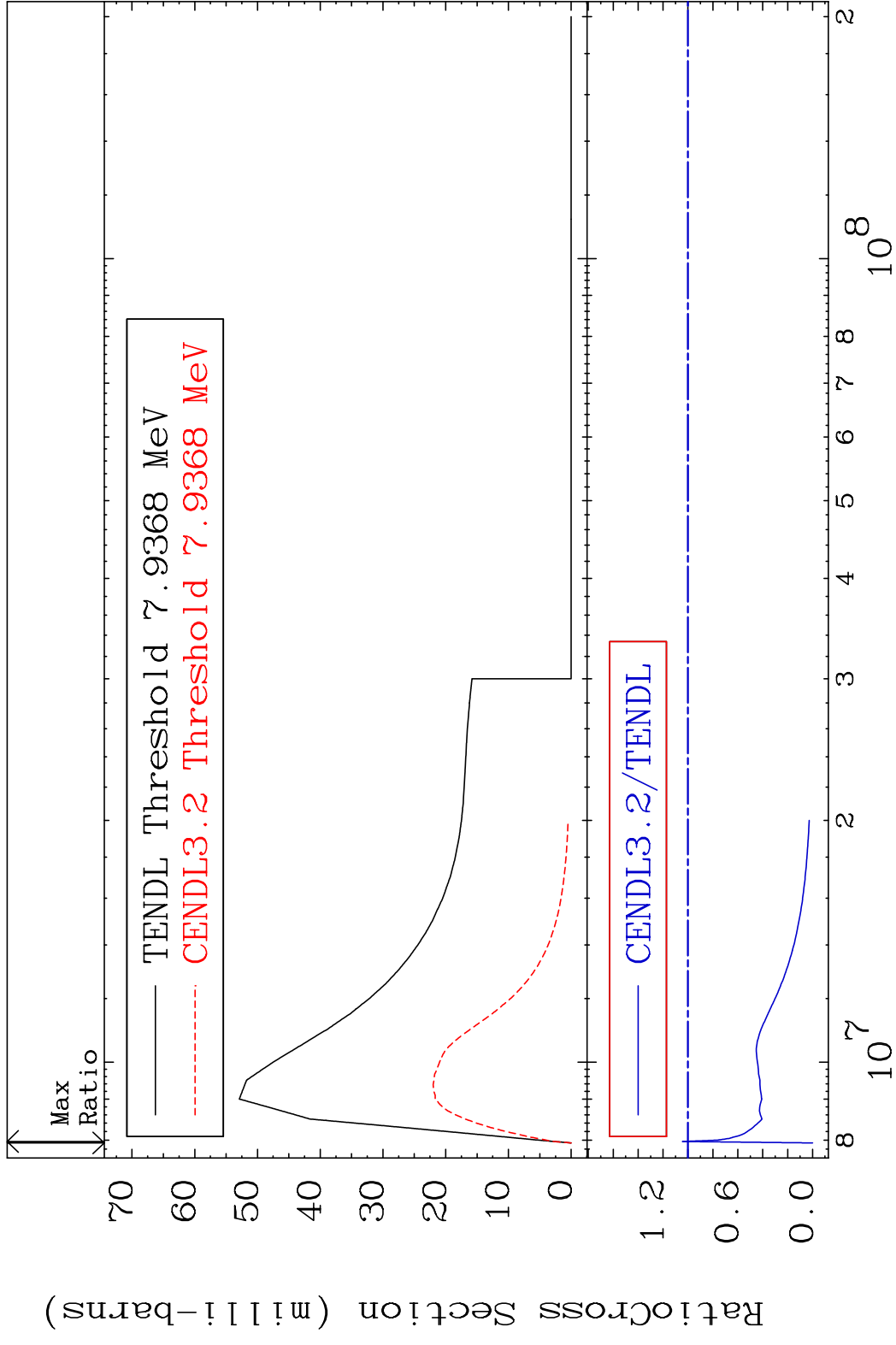
MAT 1225 MT= 57 (n, n') Level 12-Mg-24
 Cross Section -100.0 To 891.1 %



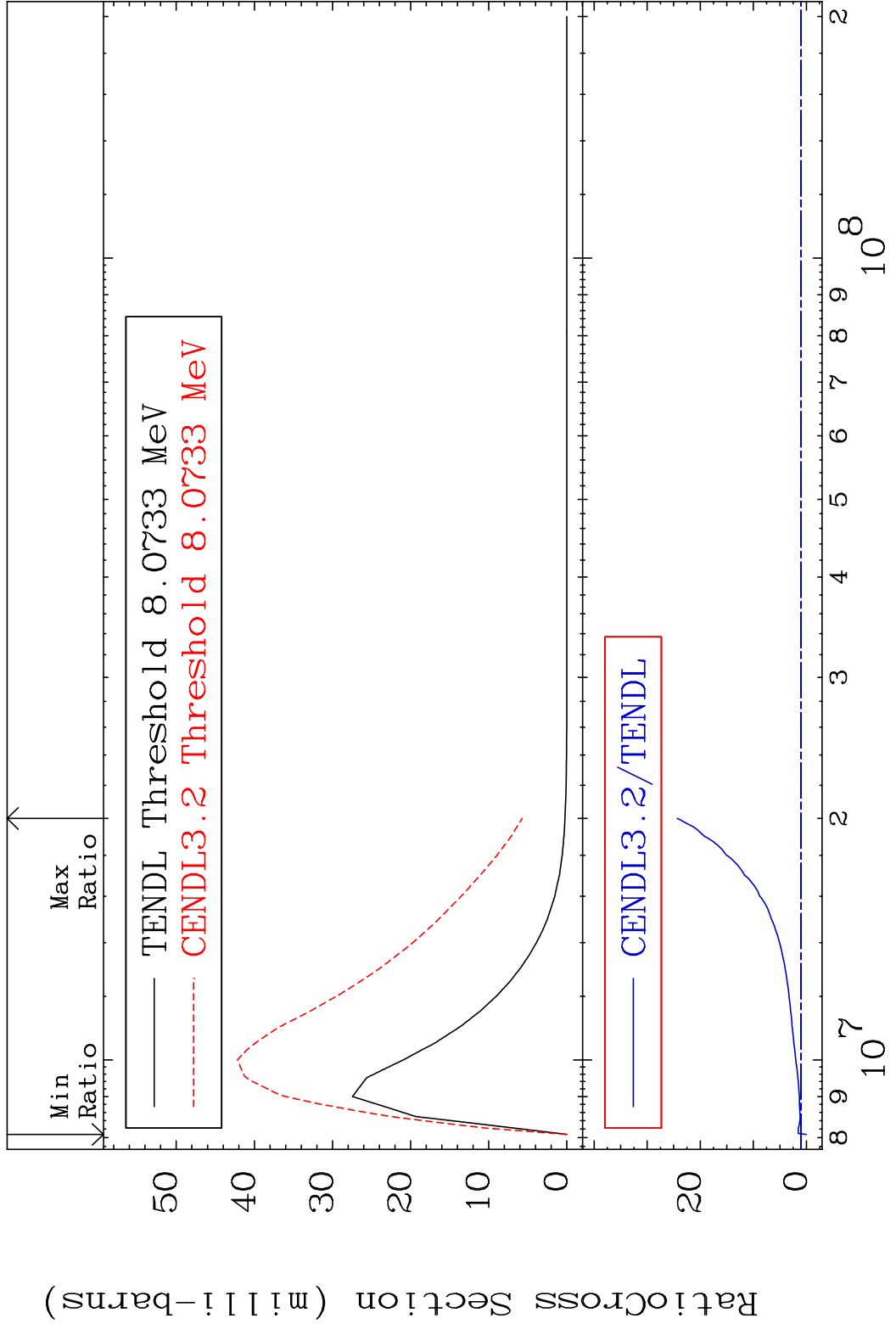
MAT 1225 MT= 58 (n,n') Level 12-Mg-24
 Cross Section -100.0 To -17.89%



MAT 1225 MT= 59 (n, n') Level 12-Mg-24
 Cross Section -100.0 To 4.497 %

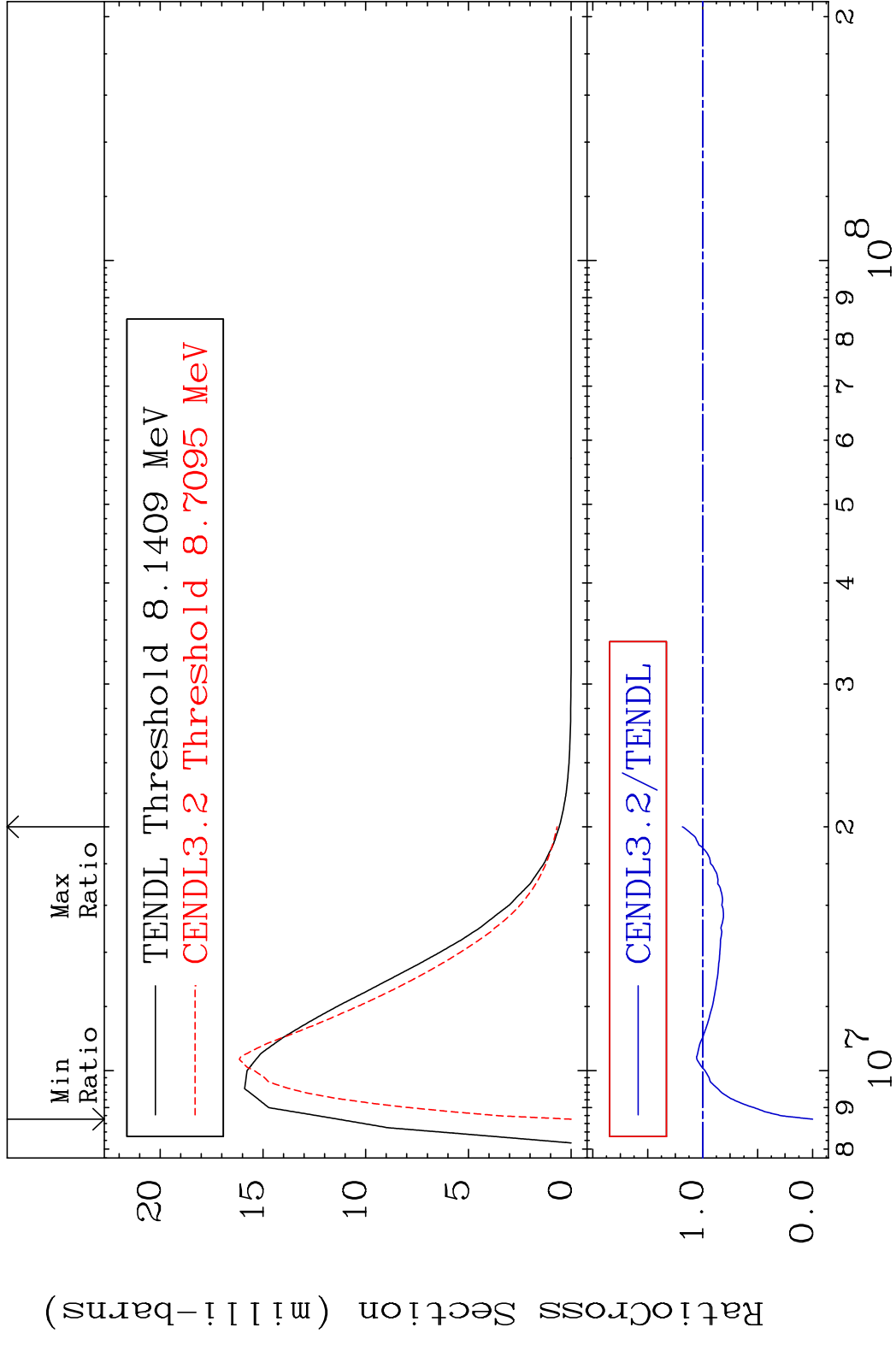


MAT 1225 MT= 60 (n, n') Level 12-Mg-24
 Cross Section -100.0 To 2334. %



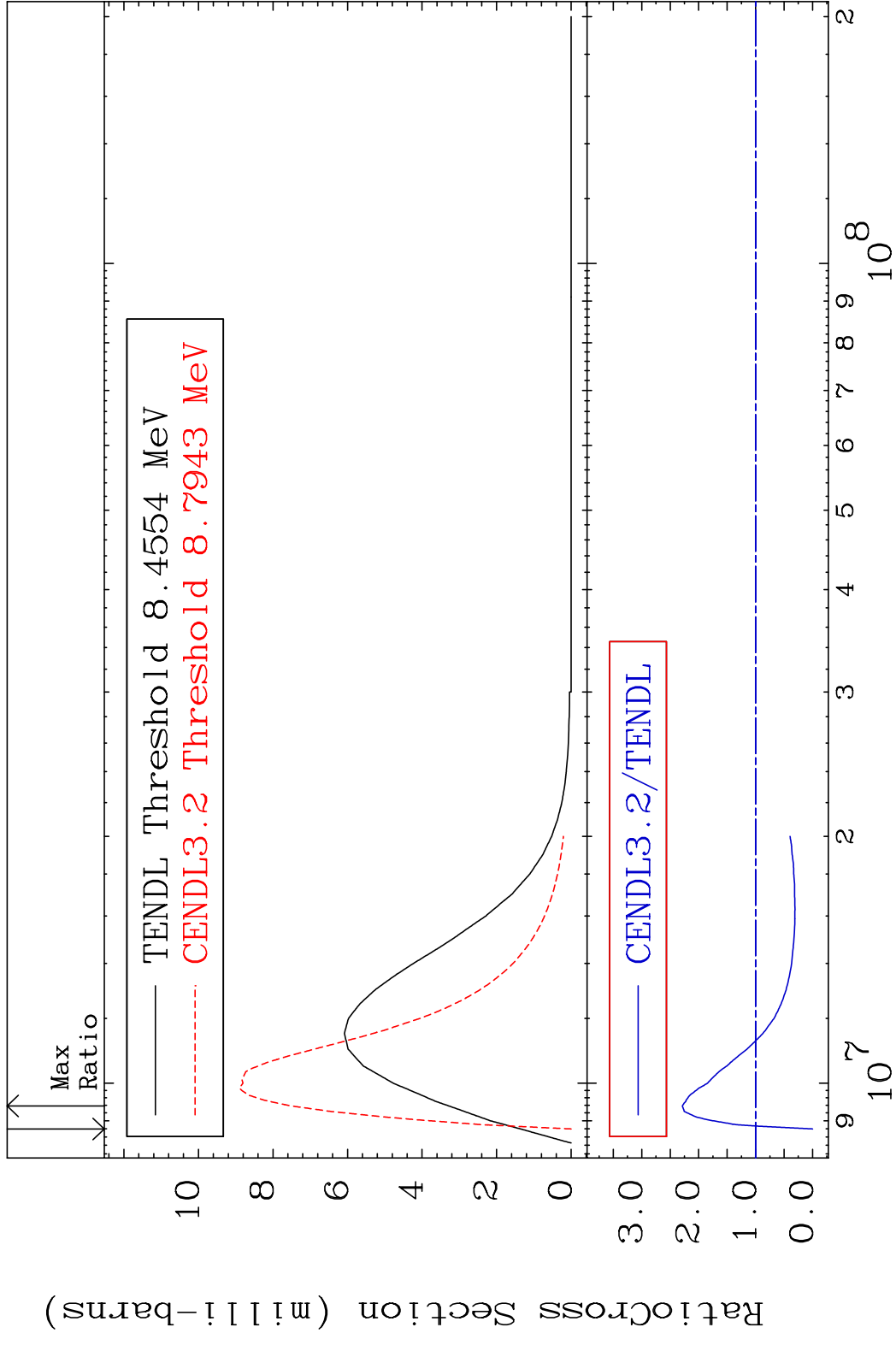
16 Incident Energy (eV) 12-Mg-24

MAT 1225 MT= 61 (n, n') Level 12-Mg-24
 Cross Section -100.0 To 18.51 %



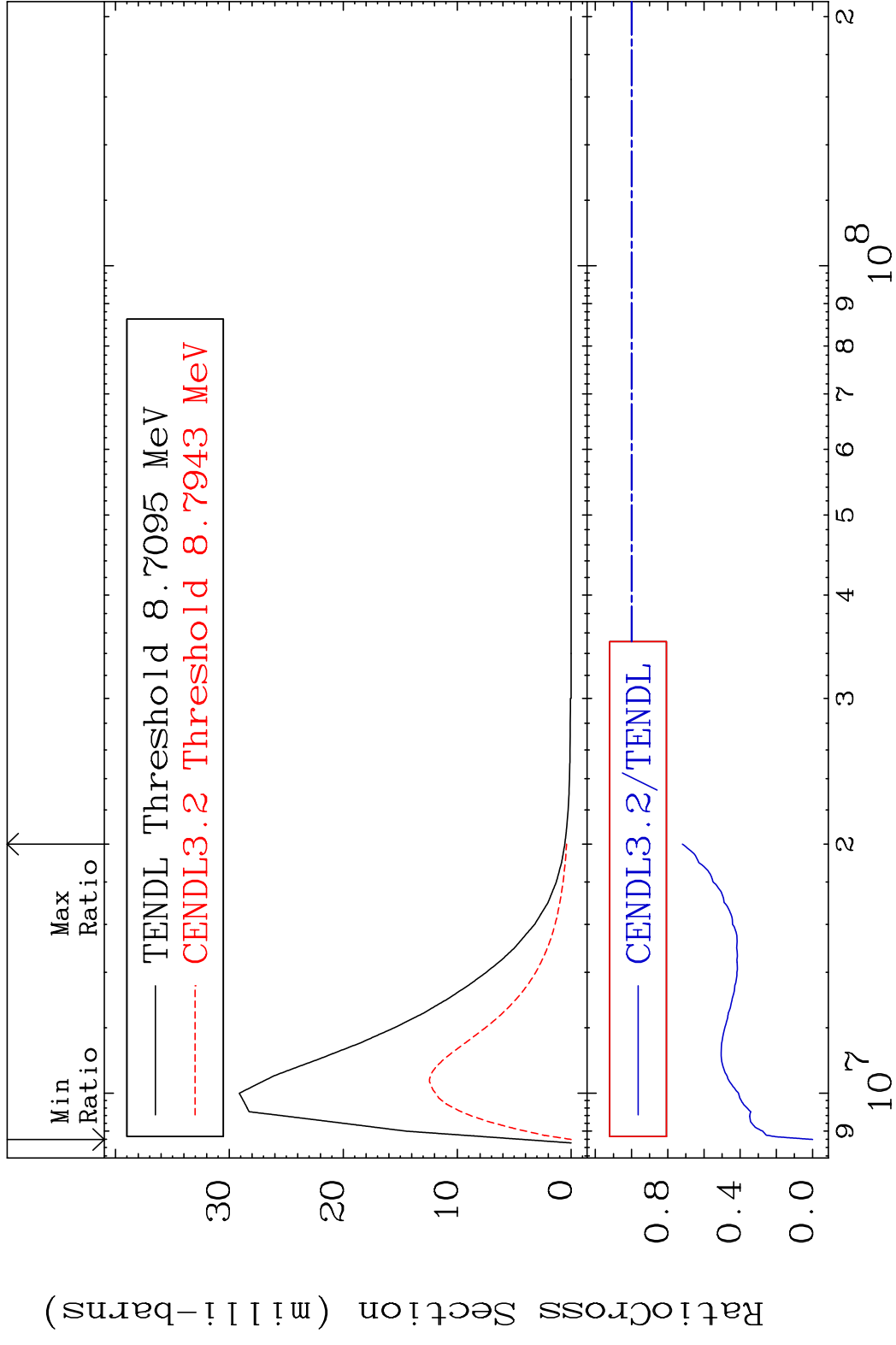
17 12-Mg-24

MAT 1225 MT= 62 (n, n') Level 12-Mg-24
 Cross Section -100.0 To 128.7 %



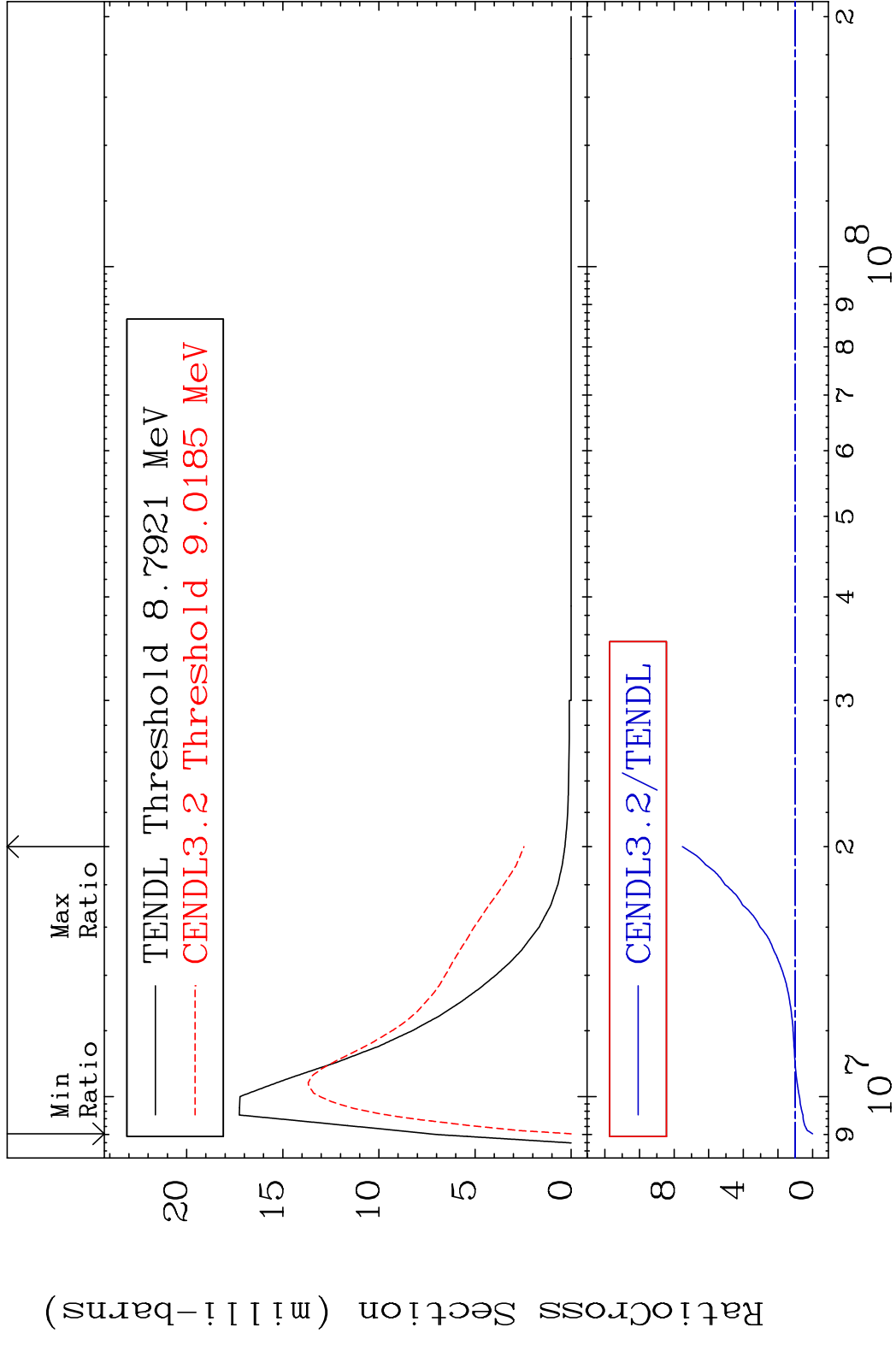
18 Incident Energy (eV) 12-Mg-24

MAT 1225 MT= 63 (n, n') Level 12-Mg-24
 Cross Section -100.0 To -28.07%



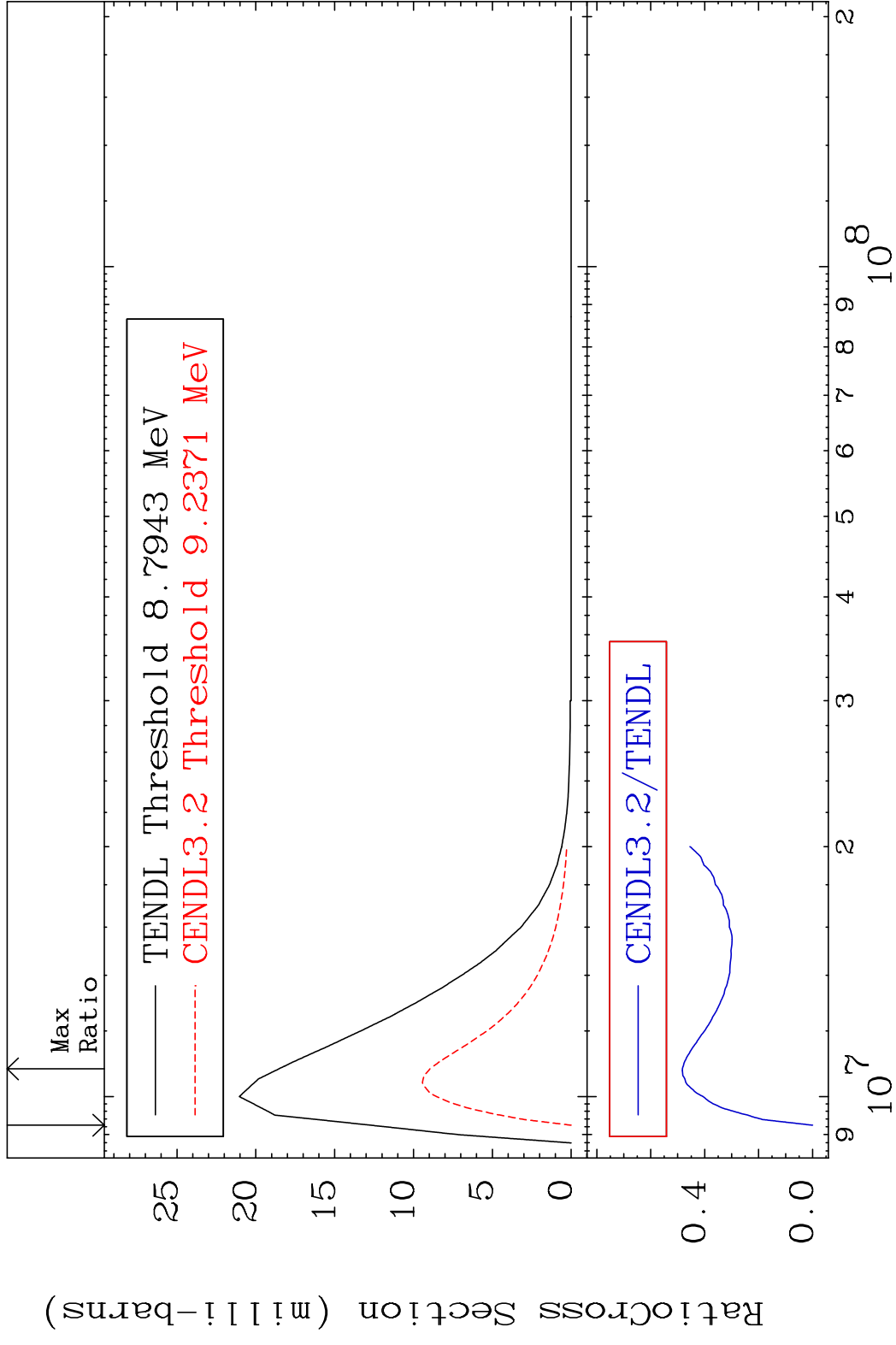
19 19 Incident Energy (eV) 12-Mg-24

MAT 1225 MT= 64 (n, n') Level 12-Mg-24
 Cross Section -100.0 To 652.3 %



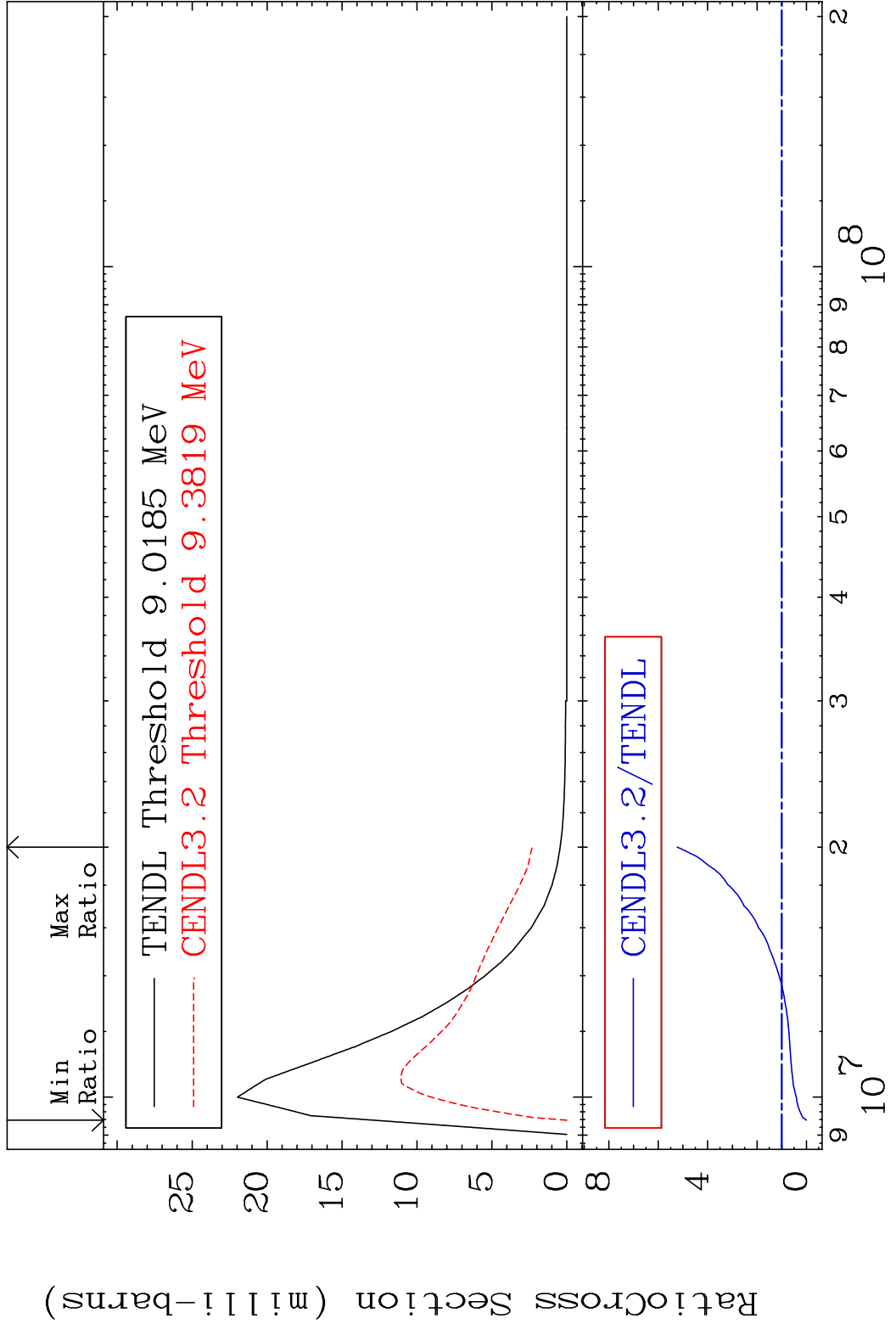
20 15 10 5 0 8 4 0 9 10⁷ 10⁸ 2

MAT 1225 MT= 65 (n,n') Level 12-Mg-24
 Cross Section -100.0 To -51.72%



21 12-Mg-24

MAT 1225 MT= 66 (n, n') Level 12-Mg-24
 Cross Section -100.0 To 423.4 %



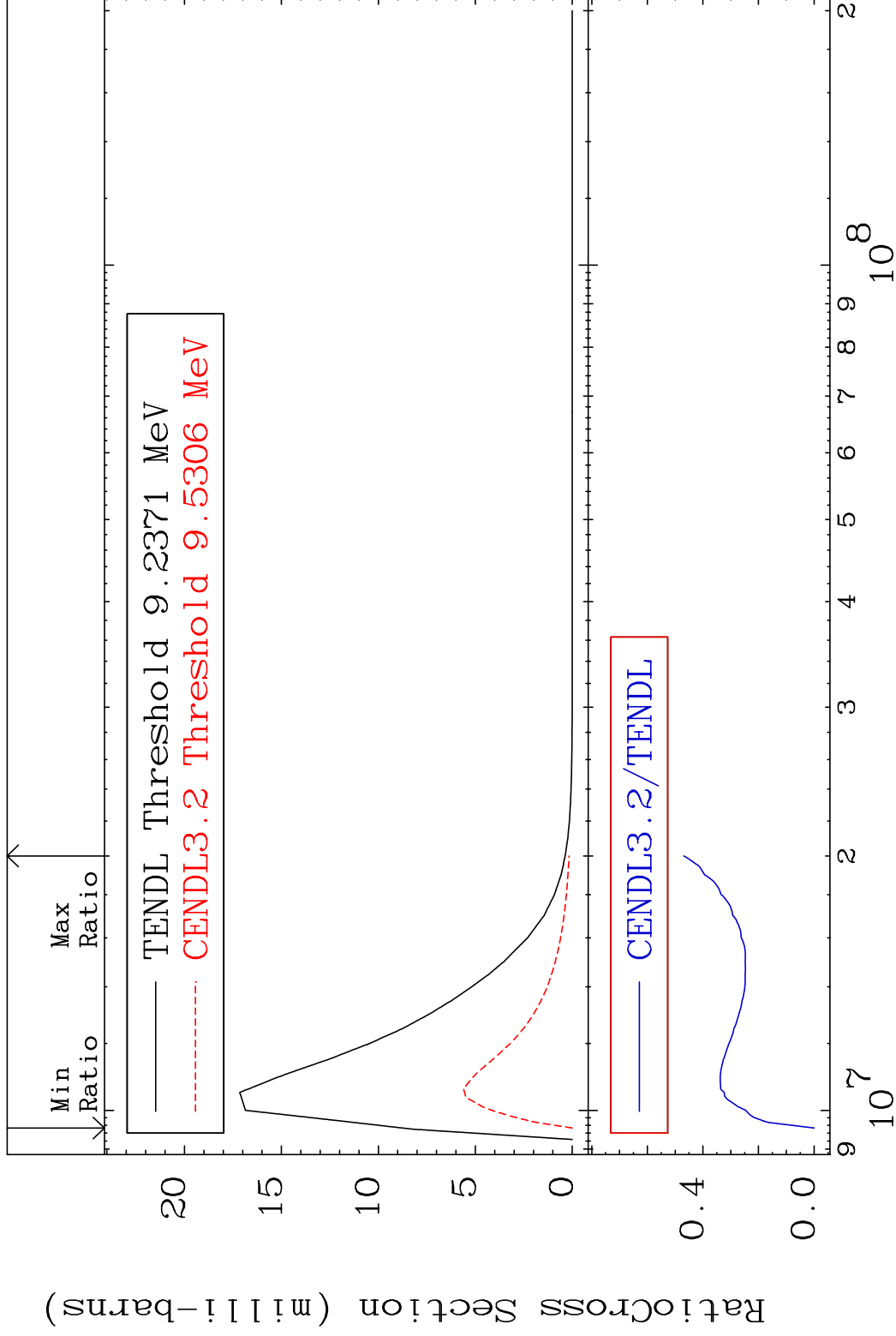
22 Incident Energy (eV) 12-Mg-24

MAT 1225

MT= 67 (n,n') Level

12-Mg-24

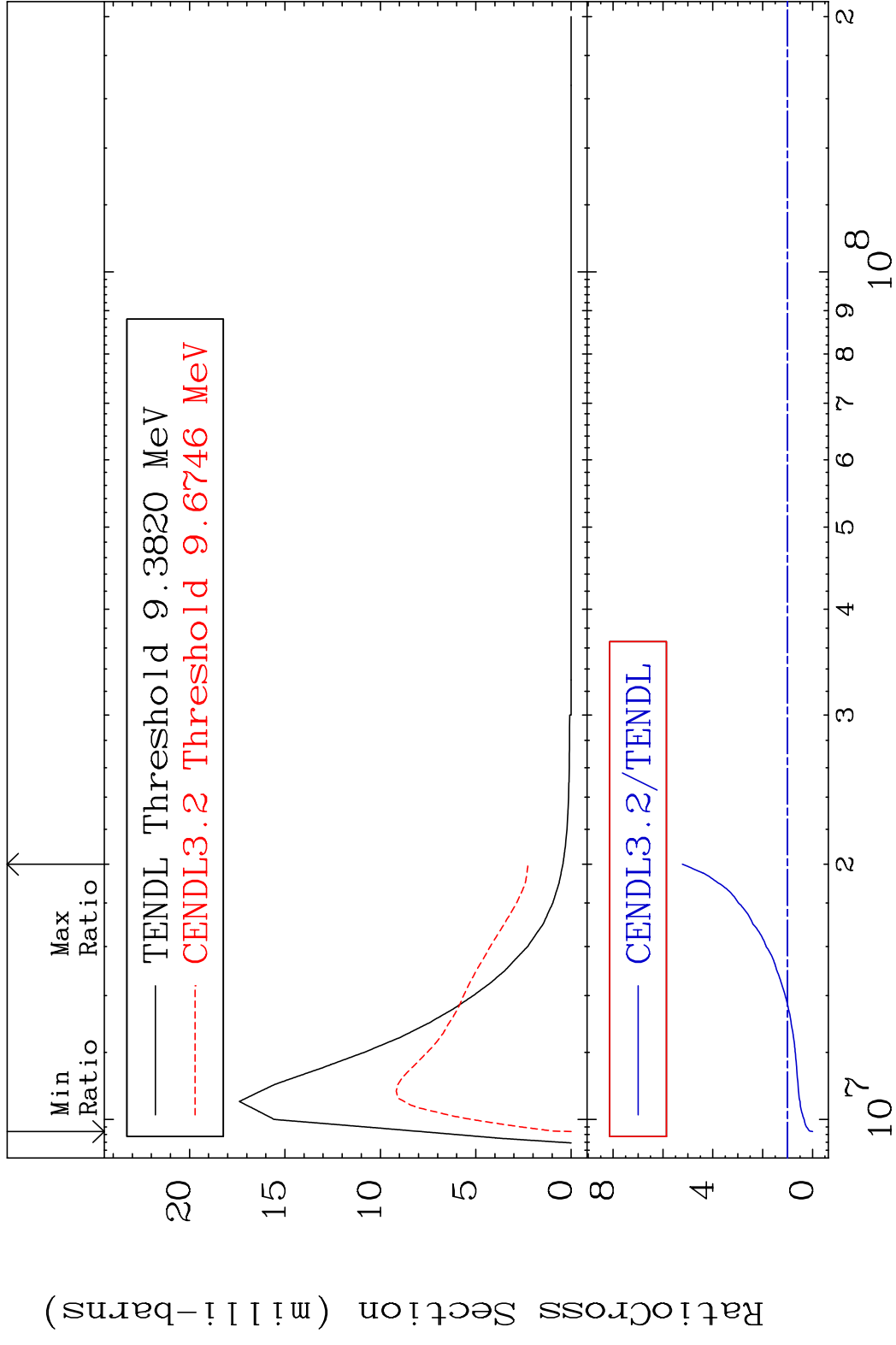
Cross Section -100.0 To -53.07%



23

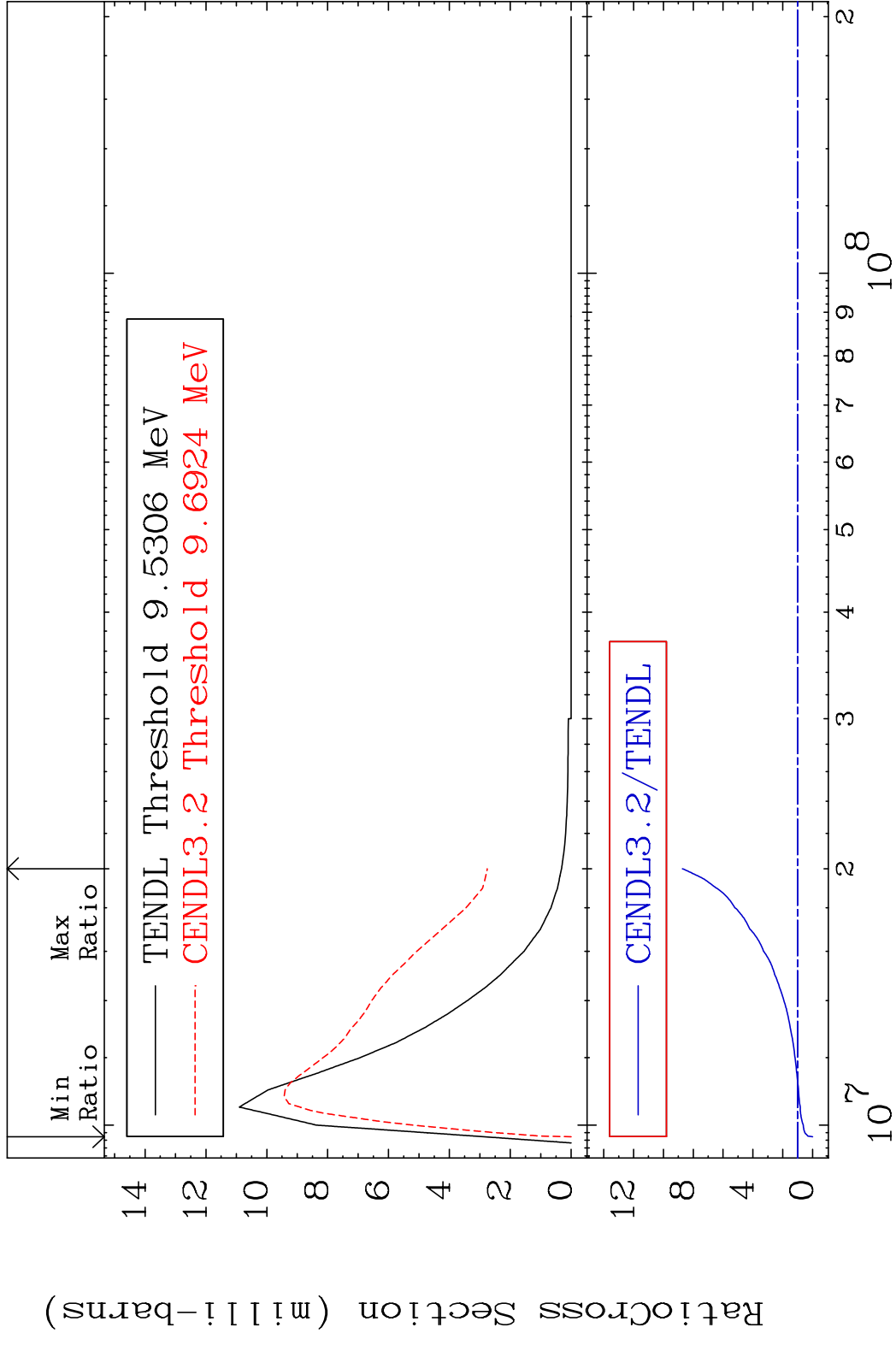
12-Mg-24

MAT 1225 MT= 68 (n, n') Level 12-Mg-24
 Cross Section -100.0 To 422.3 %



24 Incident Energy (eV) 12-Mg-24

MAT 1225 MT= 69 (n, n') Level 12-Mg-24
 Cross Section -100.0 To 773.1 %

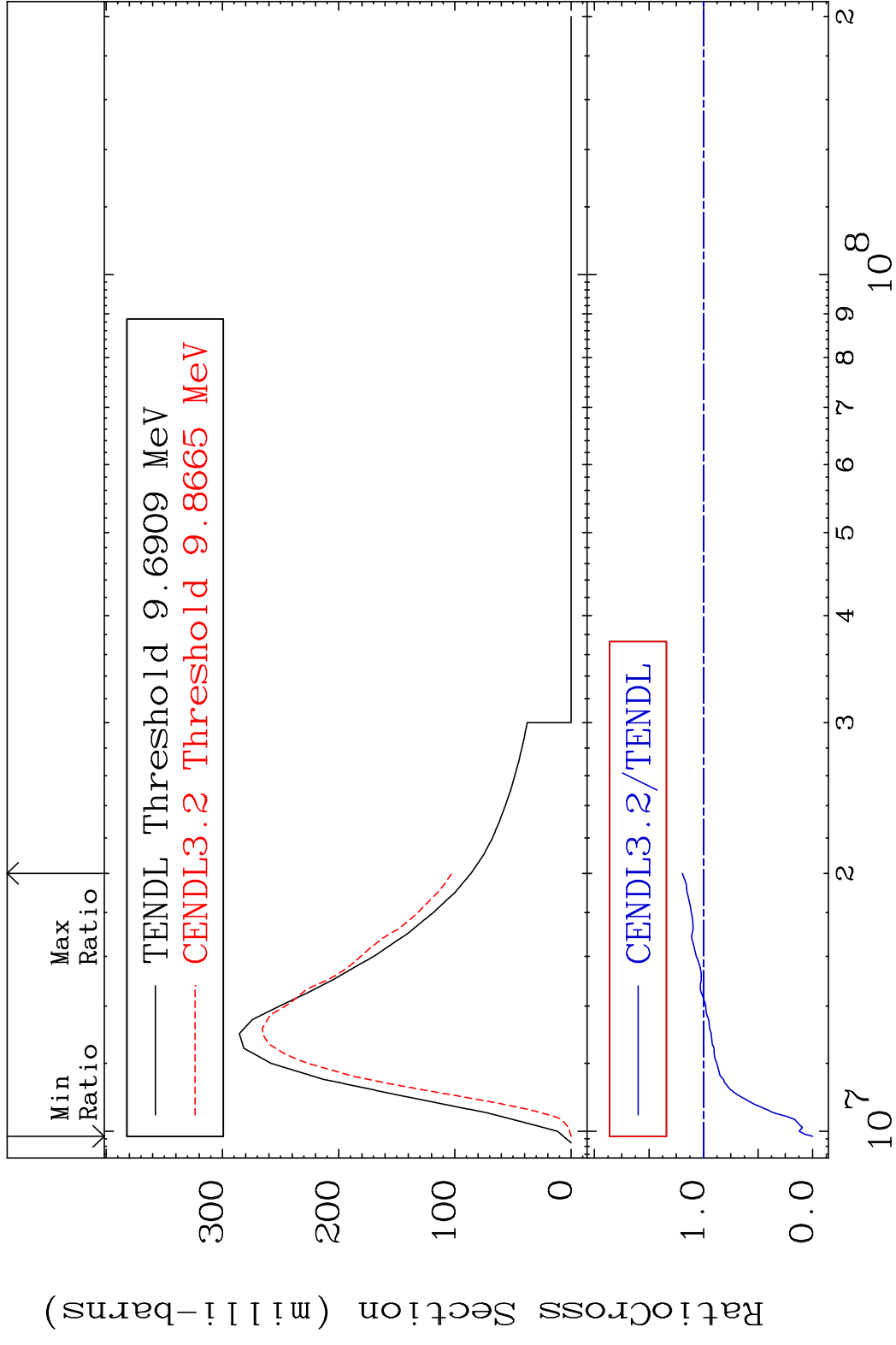


MAT 1225

(n,n') Continuum

¹²Mg-24

Cross Section -100.0 To 19.40 %



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Incident Energy (eV)

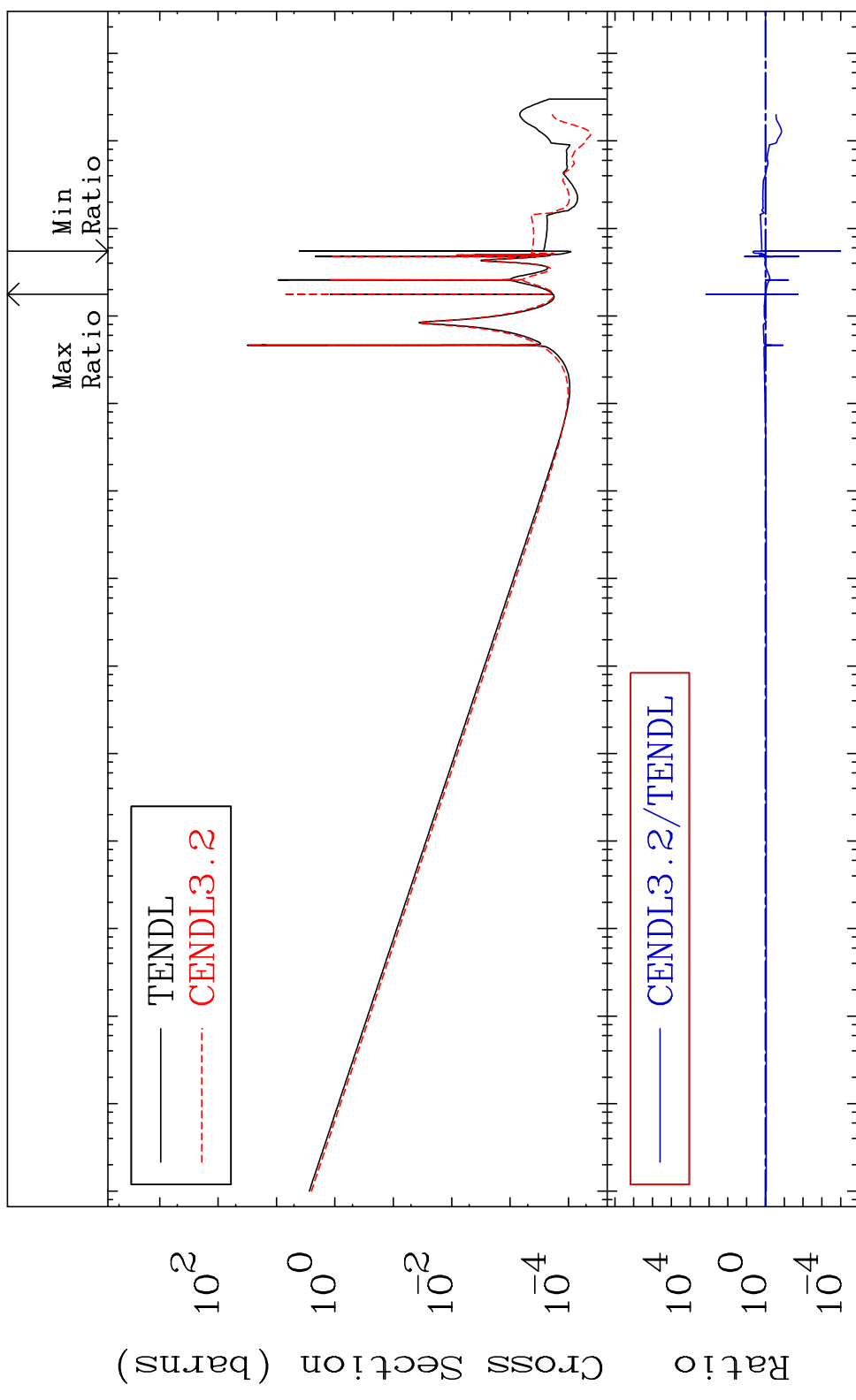
¹²Mg-24

MAT 1225

(n, γ)

12-Mg-24

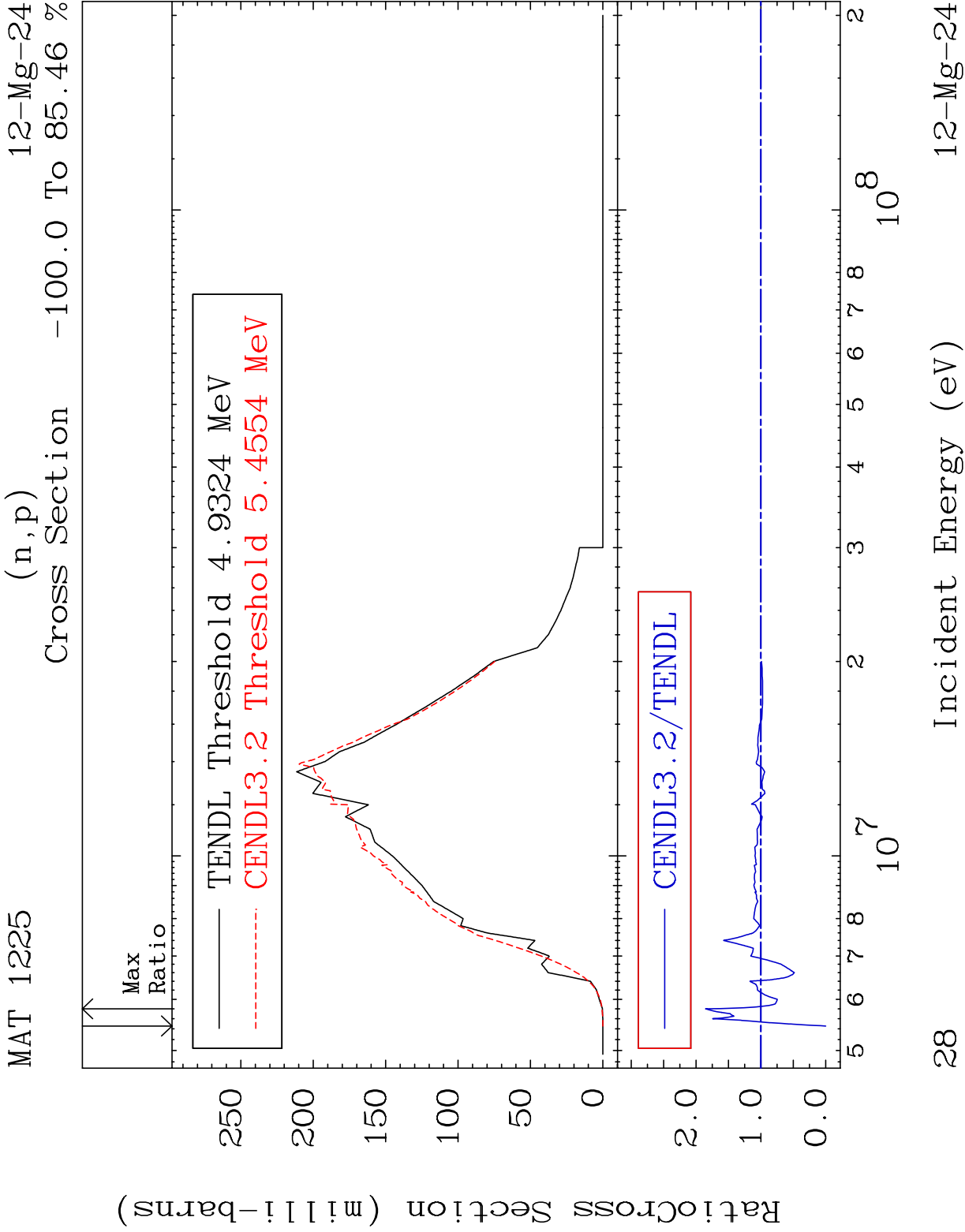
Cross Section -99.99 To 9999. %



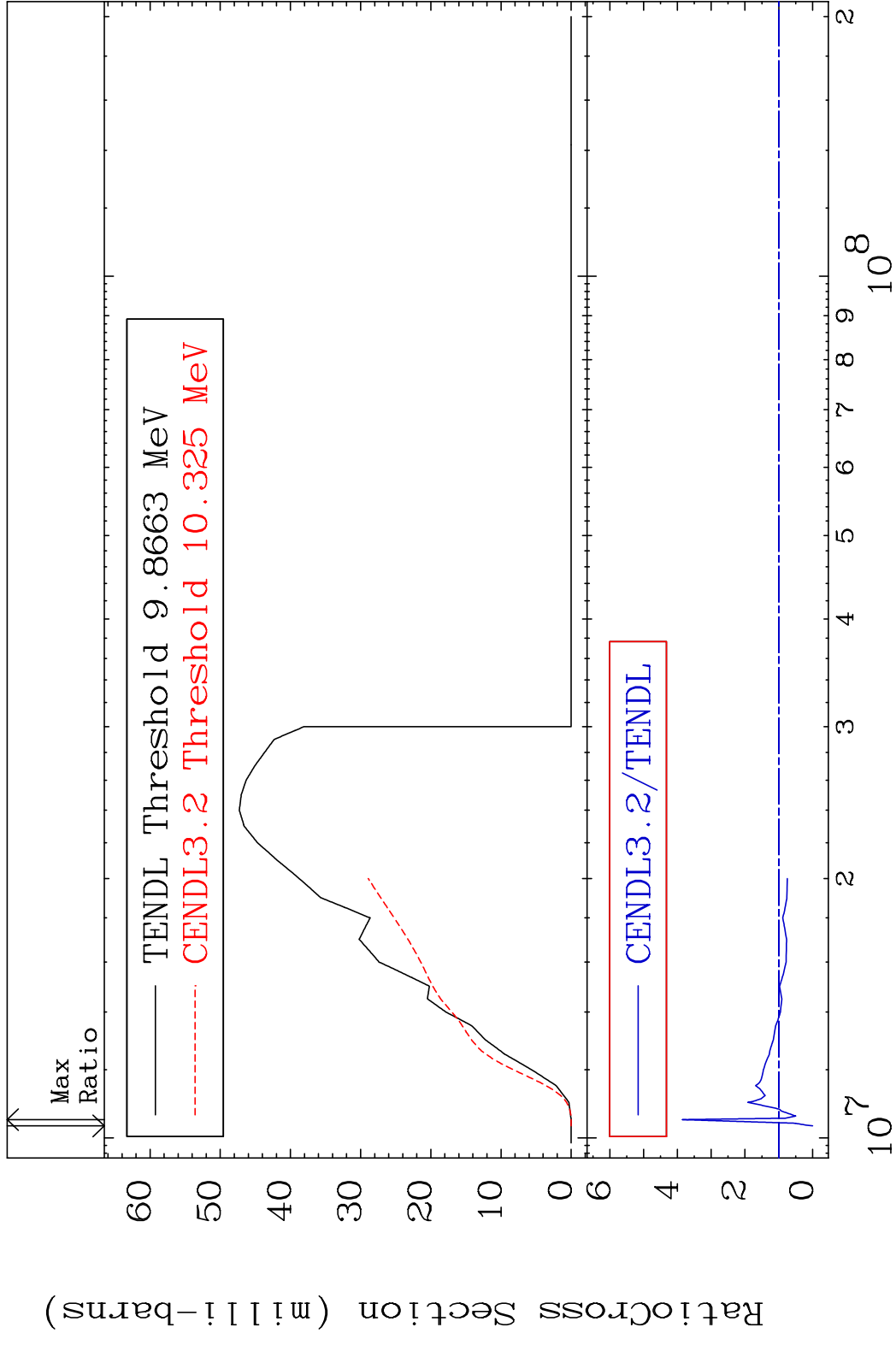
27

Incident Energy (eV)

12-Mg-24

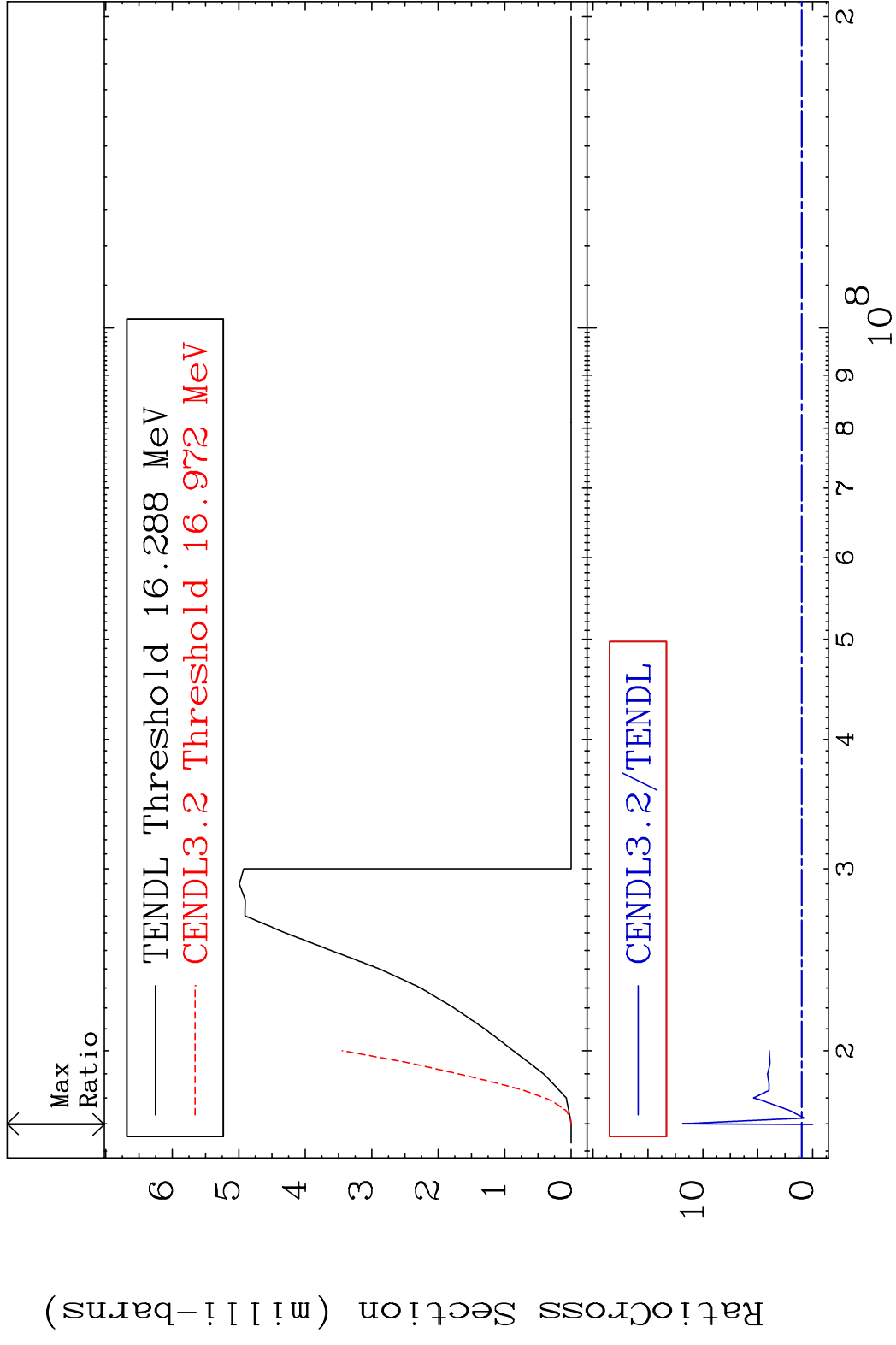


MAT 1225 (n,d) 12-Mg-24
 Cross Section -100.0 To 285.4 %



29 12-Mg-24

MAT 1225 (n, t) 12-Mg-24
 Cross Section -100.0 To 1086. %

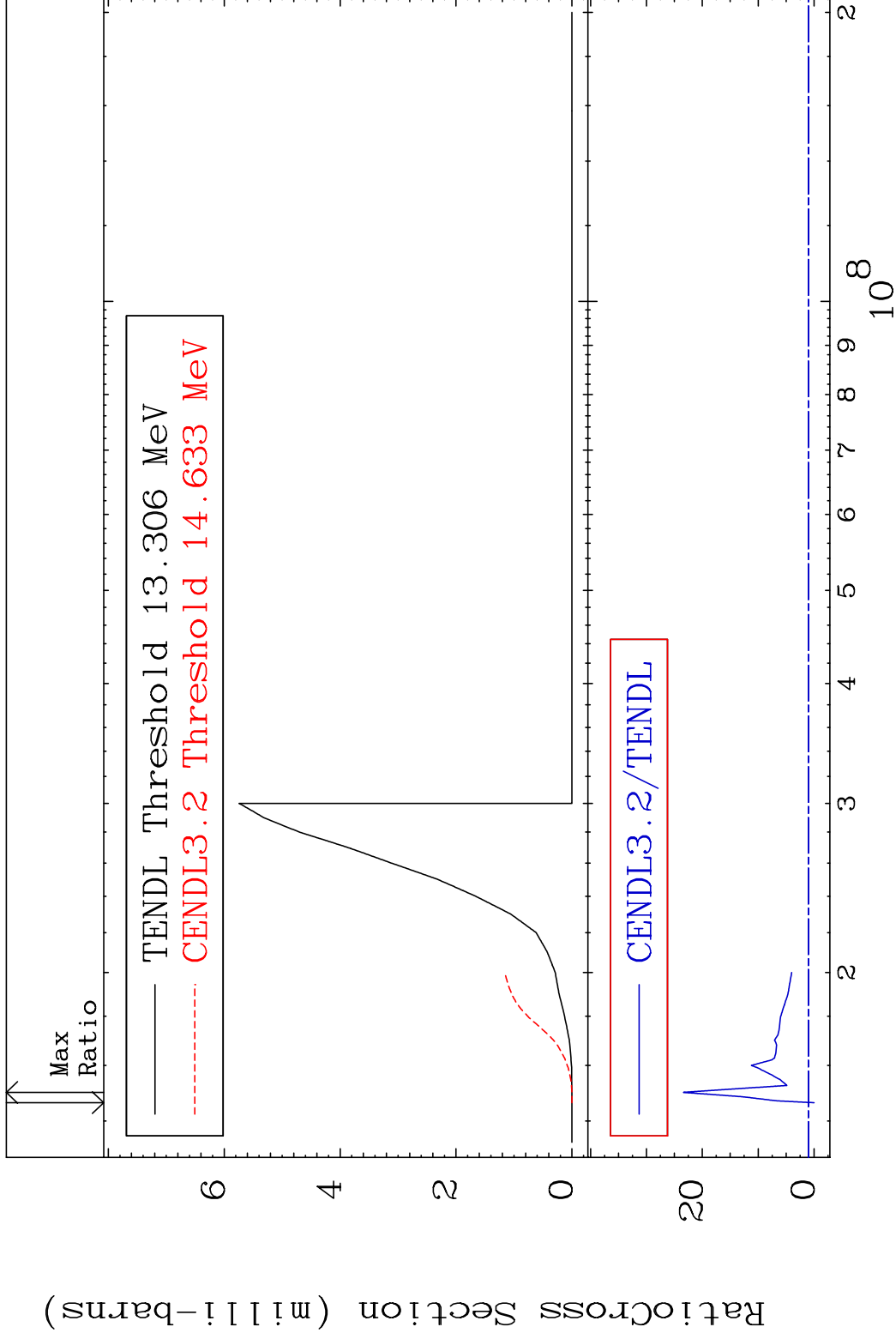


MAT 1225

(n, He-3)

12-Mg-24

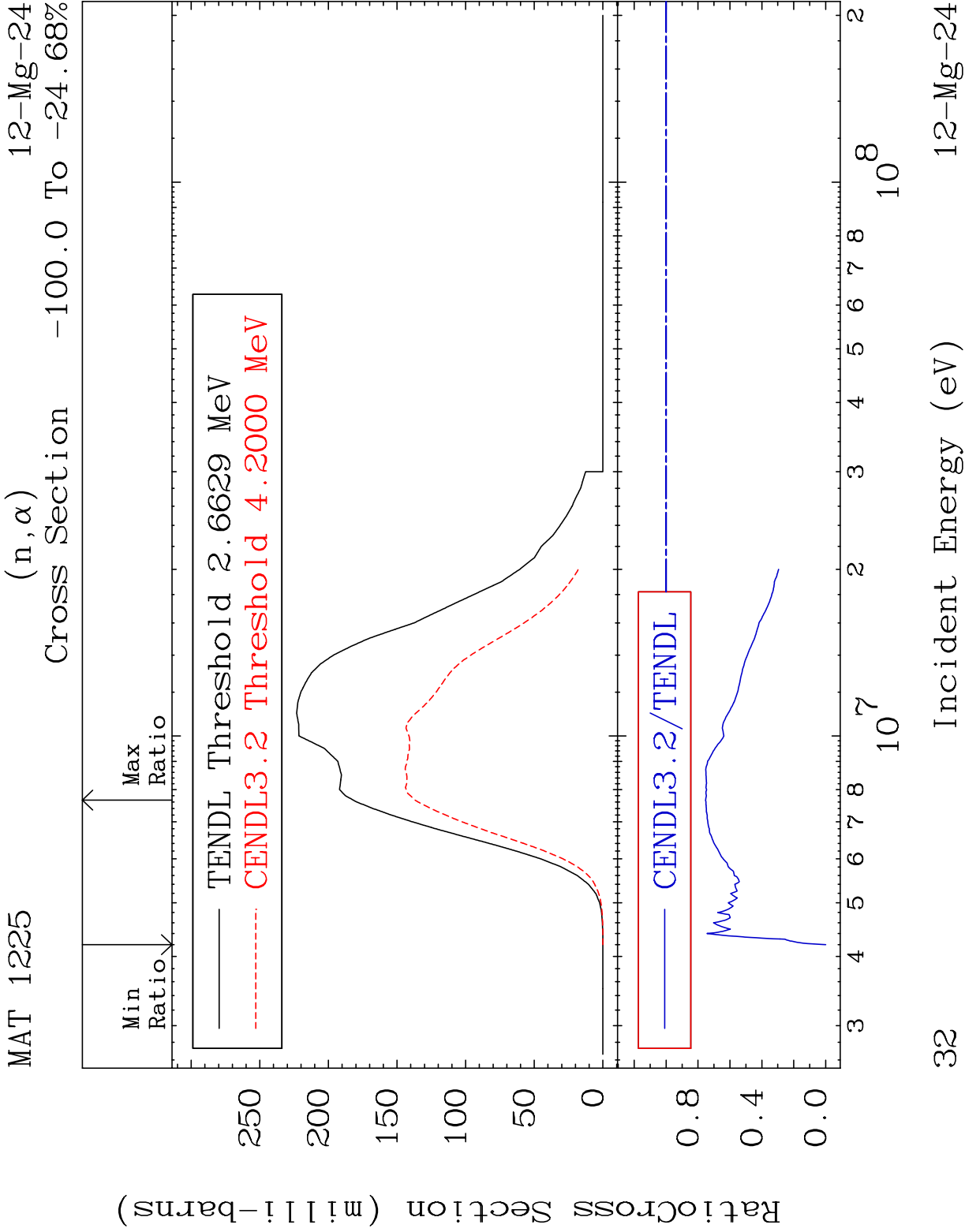
Cross Section -100.0 To 2238. %



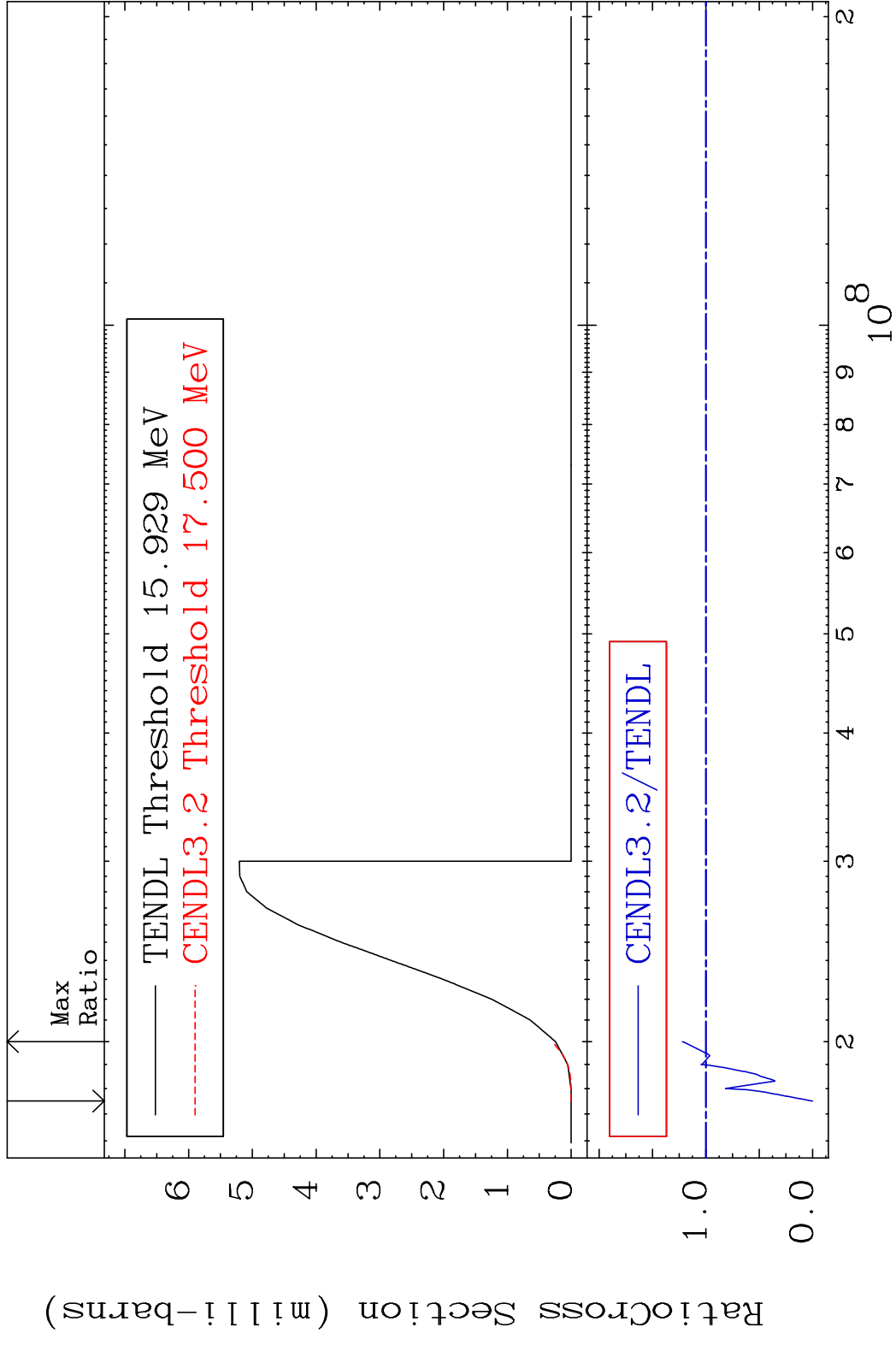
31

Incident Energy (eV)

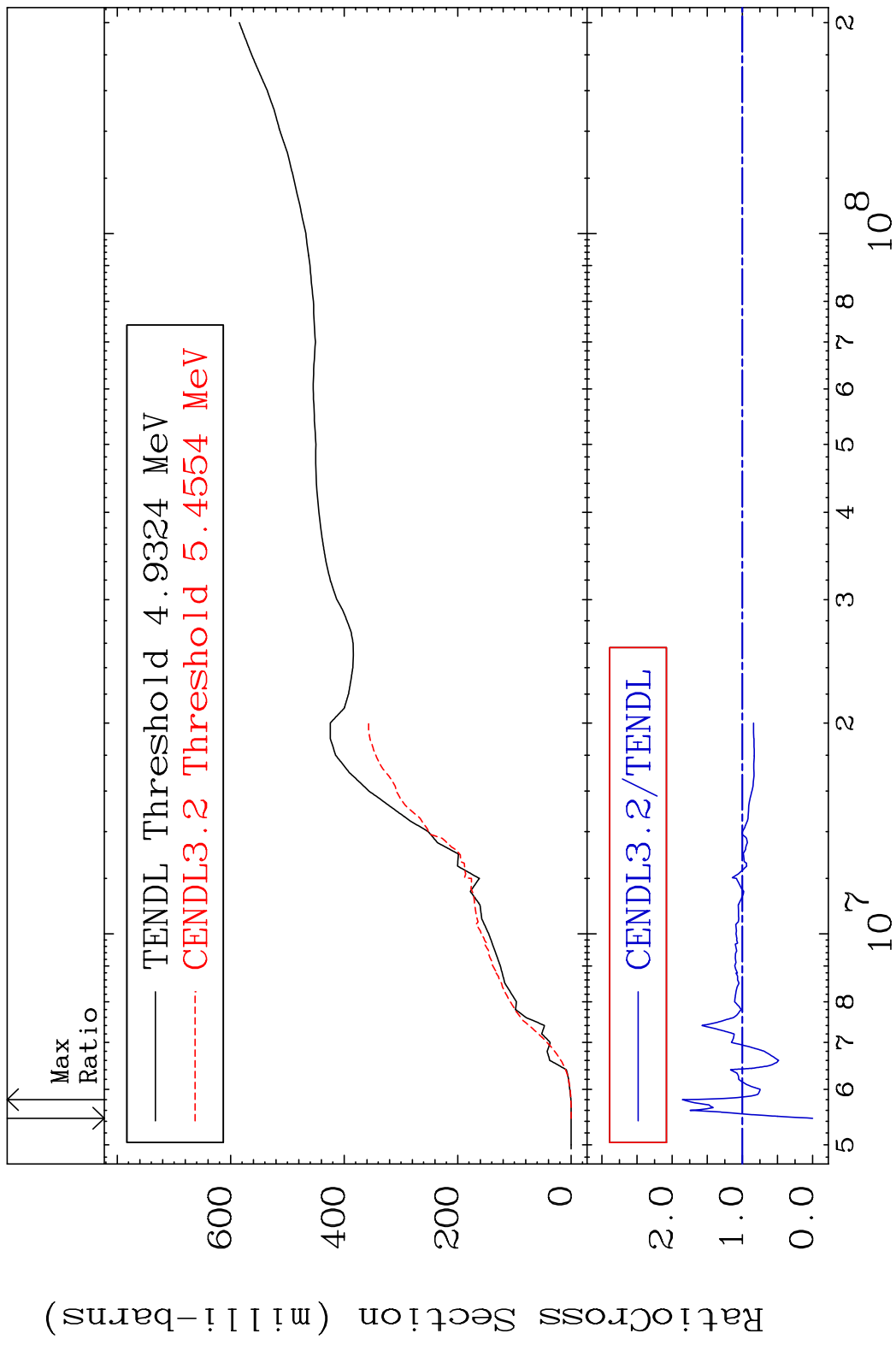
12-Mg-24



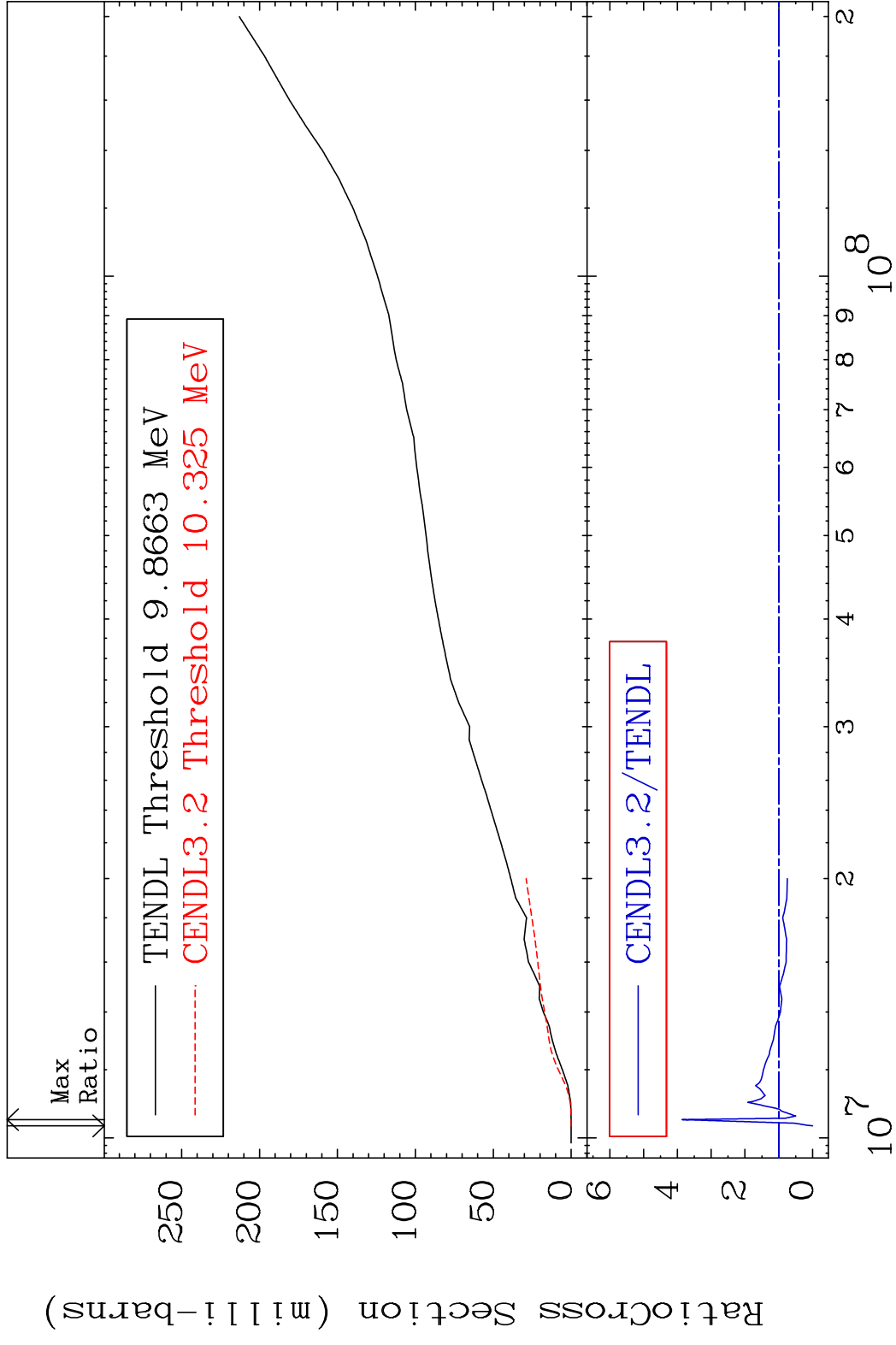
MAT 1225 (n,2p) 12-Mg-24
 Cross Section -100.0 To 21.99 %



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

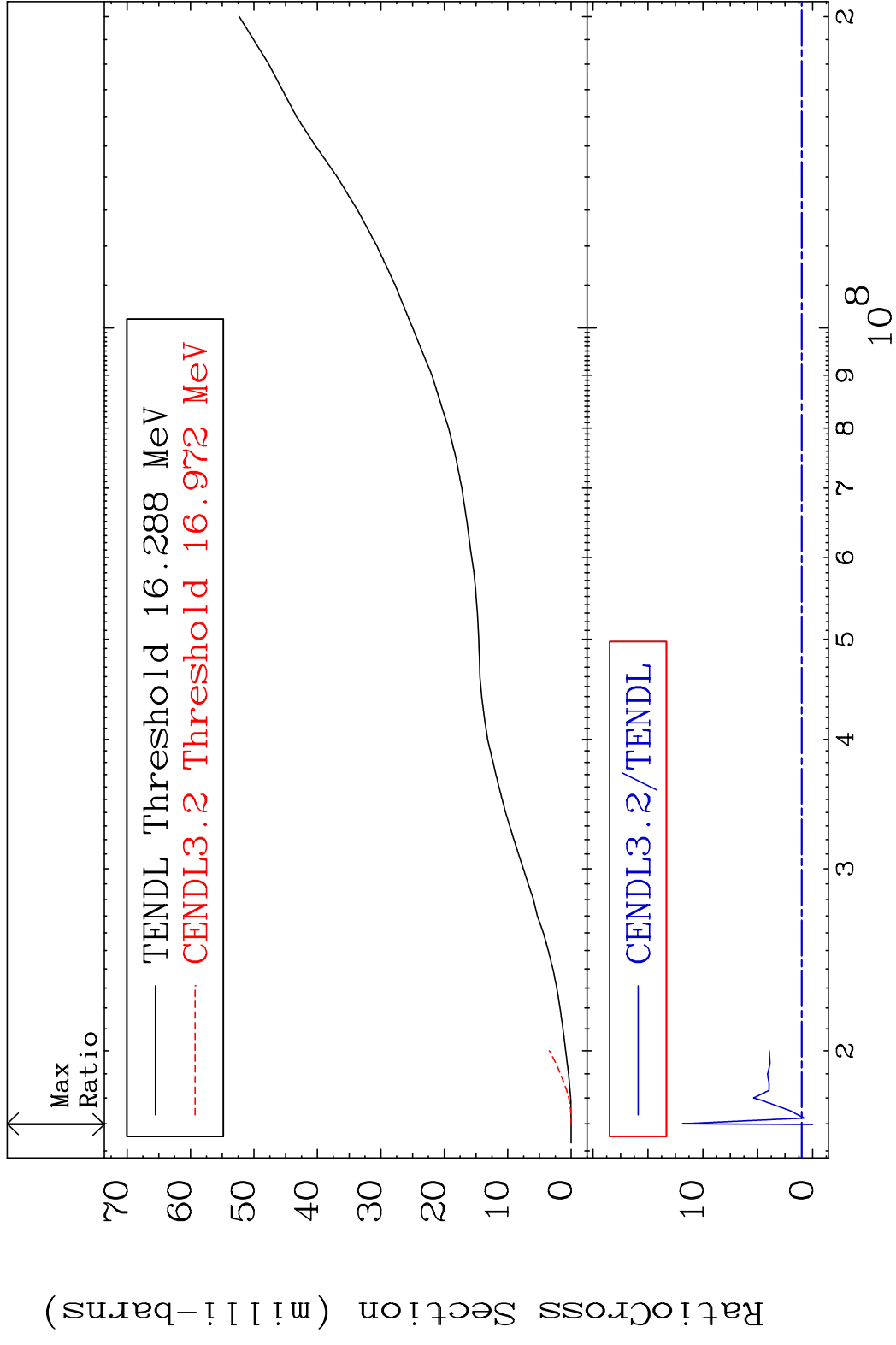


MAT 1225 Deuterium Production 12-Mg-24
 Cross Section -100.0 To 285.4 %



35 Incident Energy (eV) 12-Mg-24

MAT 1225 Tritium Production 12-Mg-24
 Cross Section -100.0 To 1086. %

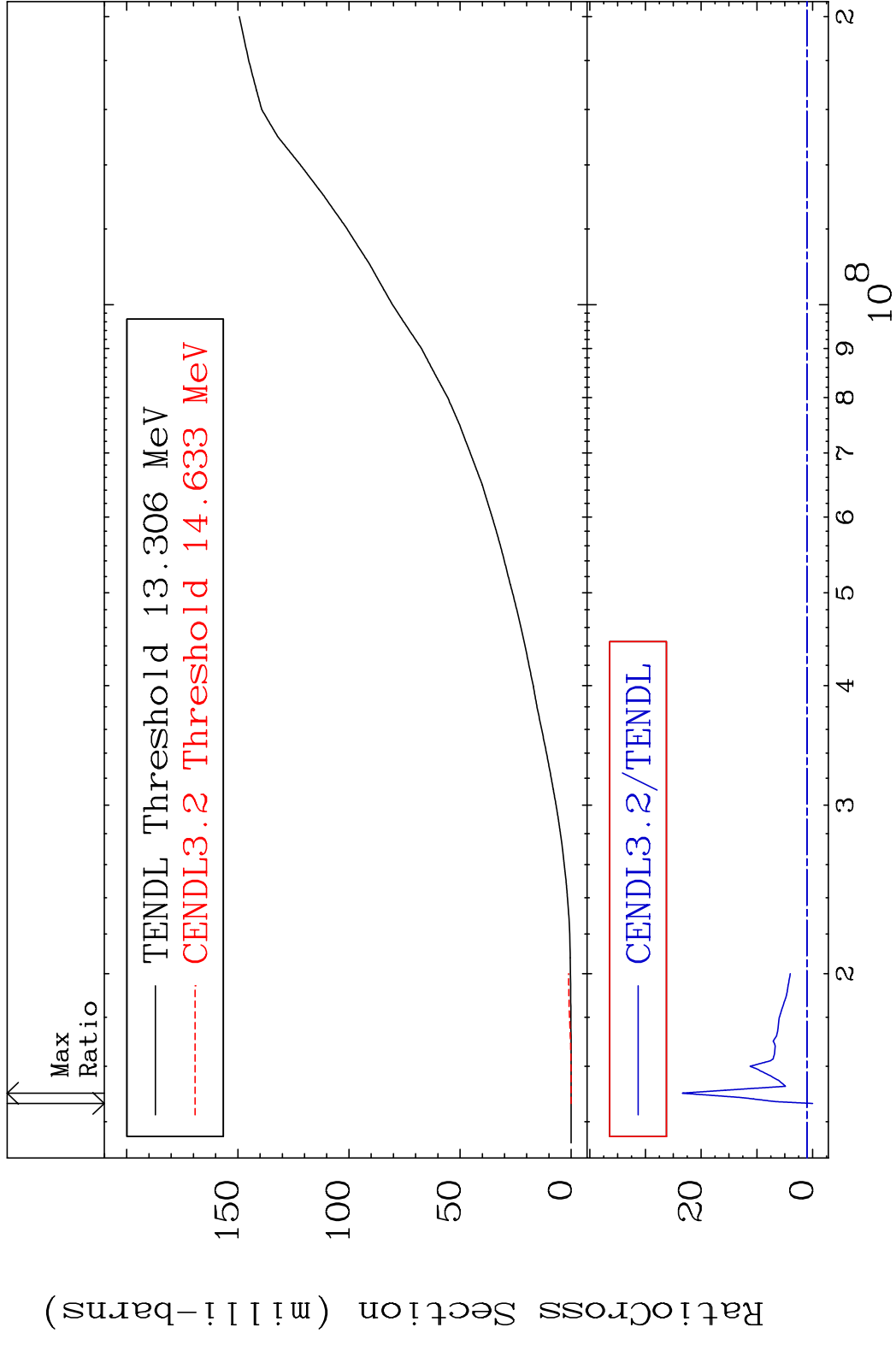


MAT 1225

He-3 Production

12-Mg-24

Cross Section -100.0 To 2238. %



37

Incident Energy (eV)

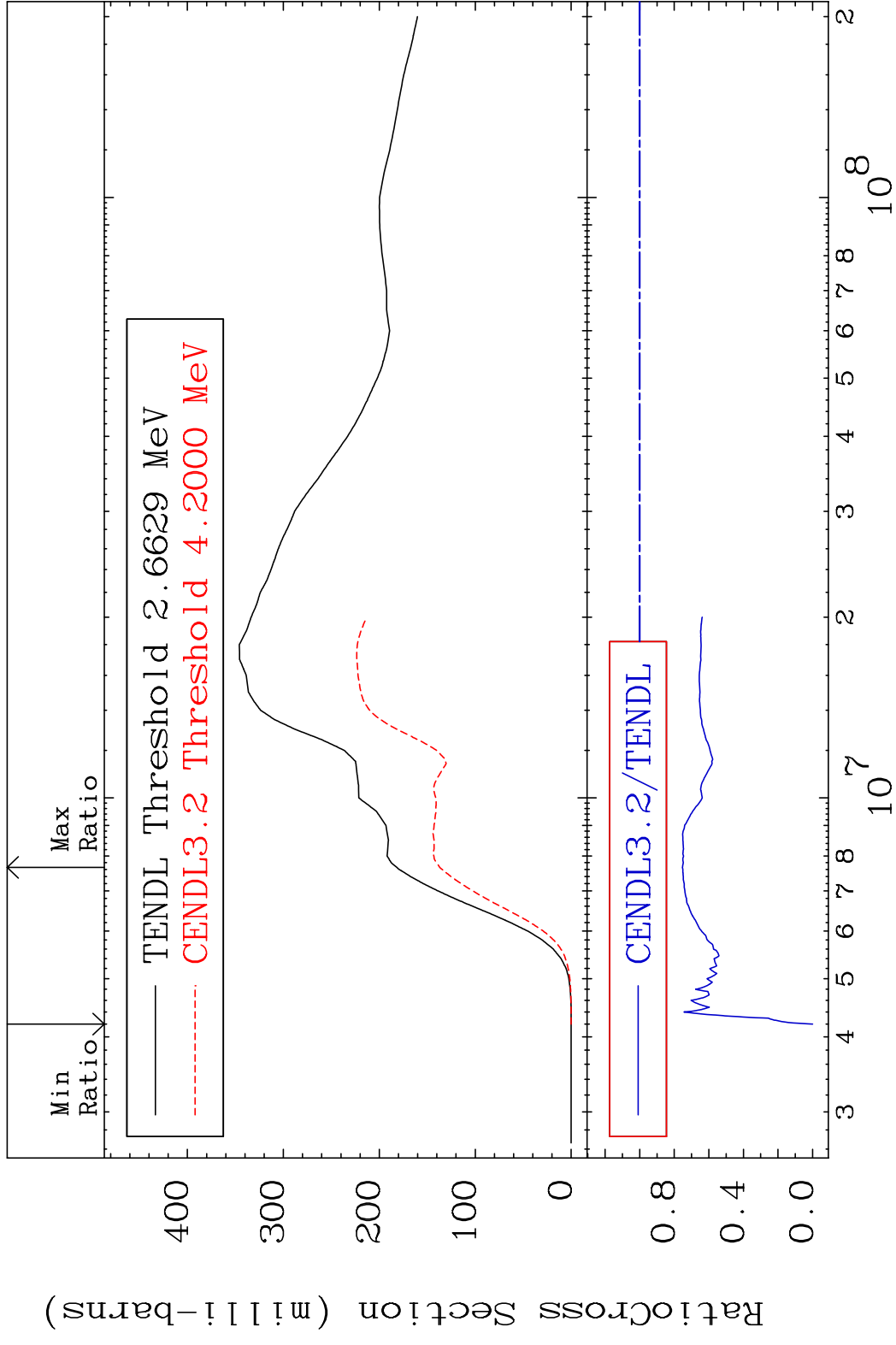
12-Mg-24

MAT 1225

He-4 Production

¹²Mg-24

Cross Section -100.0 To -24.68%

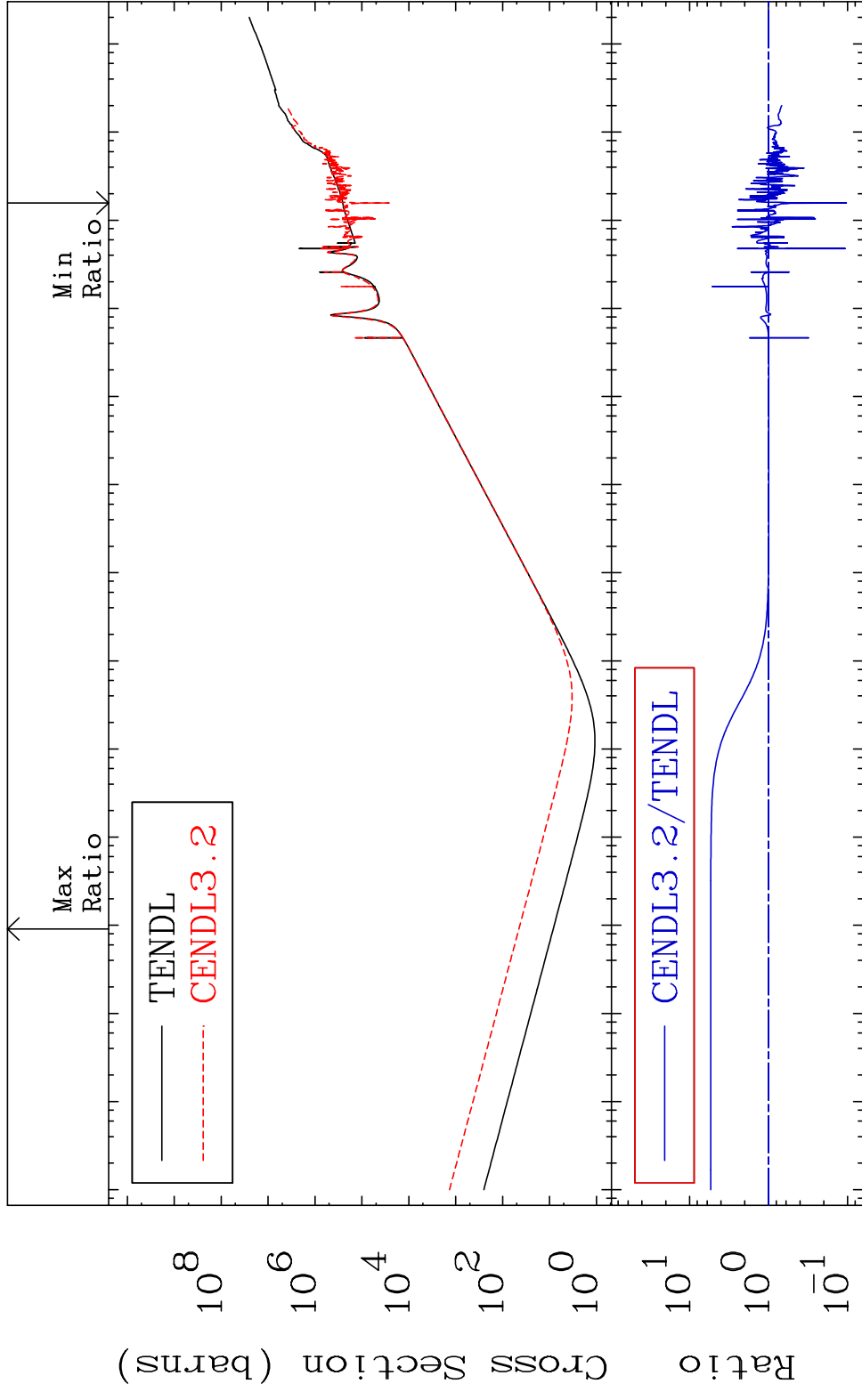


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Incident Energy (eV)

¹²Mg-24

MAT 1225 Kerma total (eV-barns) 12-Mg-24
 Cross Section -89.62 To 439.8 %

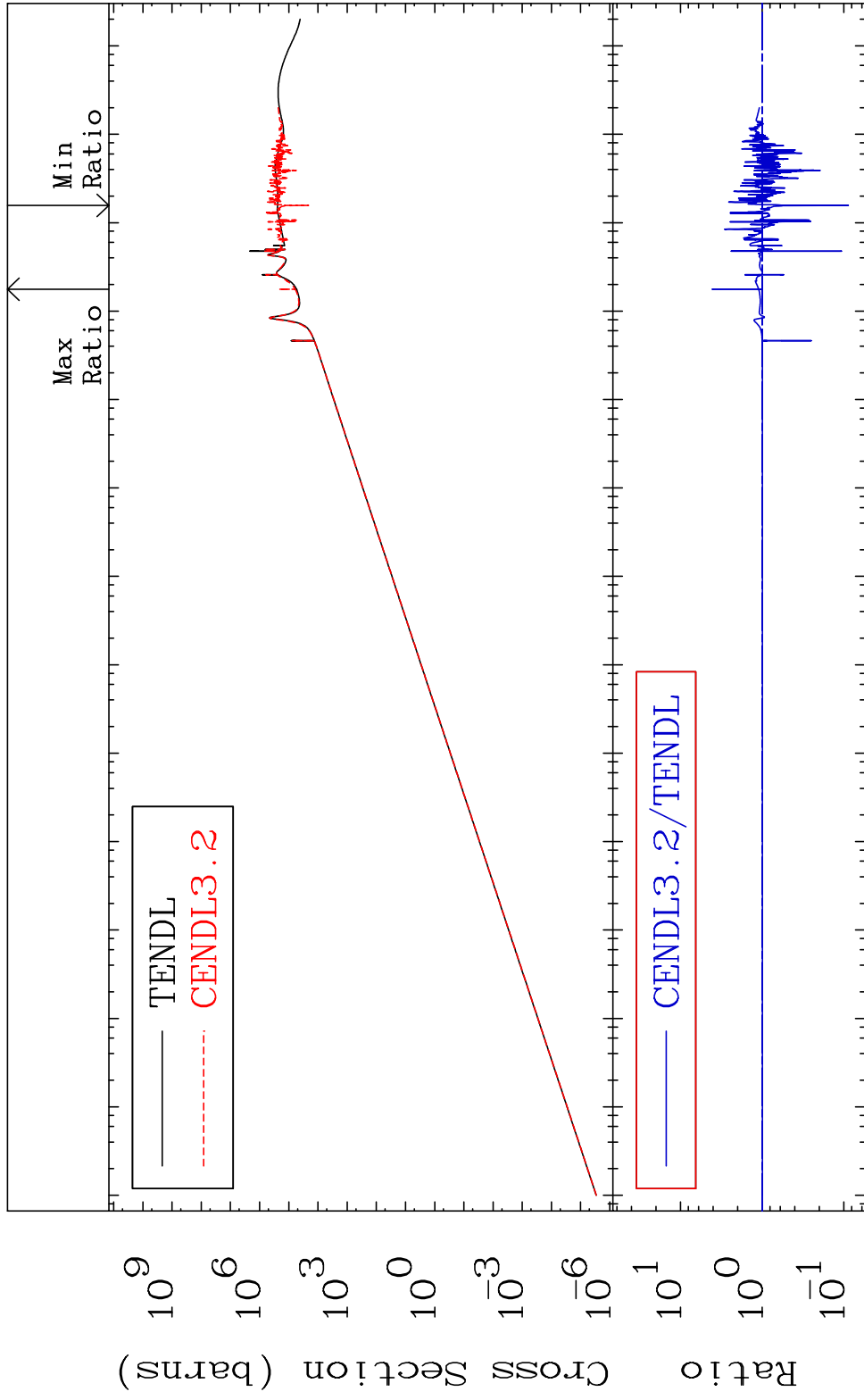


39 Incident Energy (eV) 12-Mg-24

MAT 1225

Kerma elastic
Cross Section

12-Mg-24
-91.18 To 307.8 %

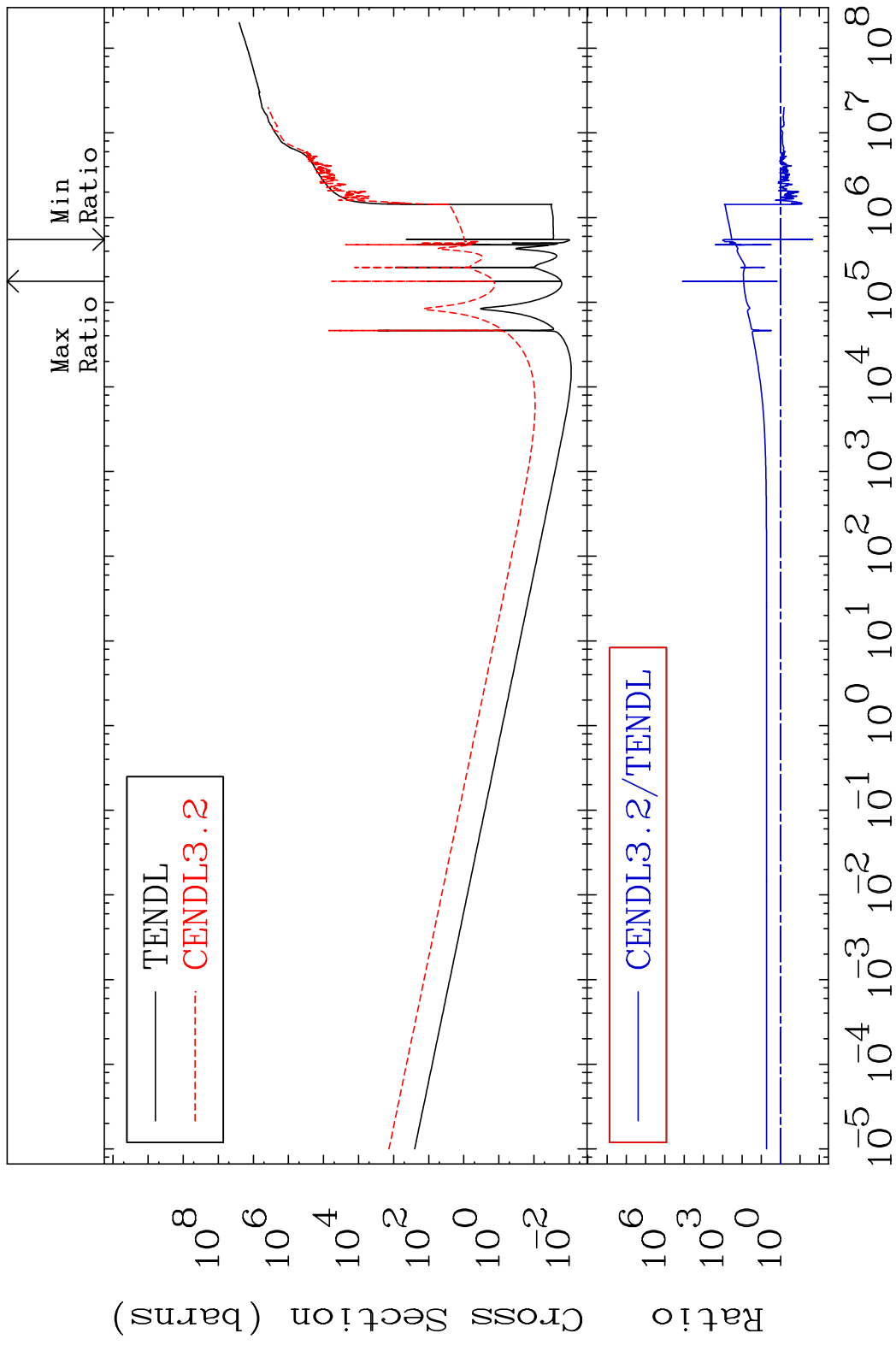


40

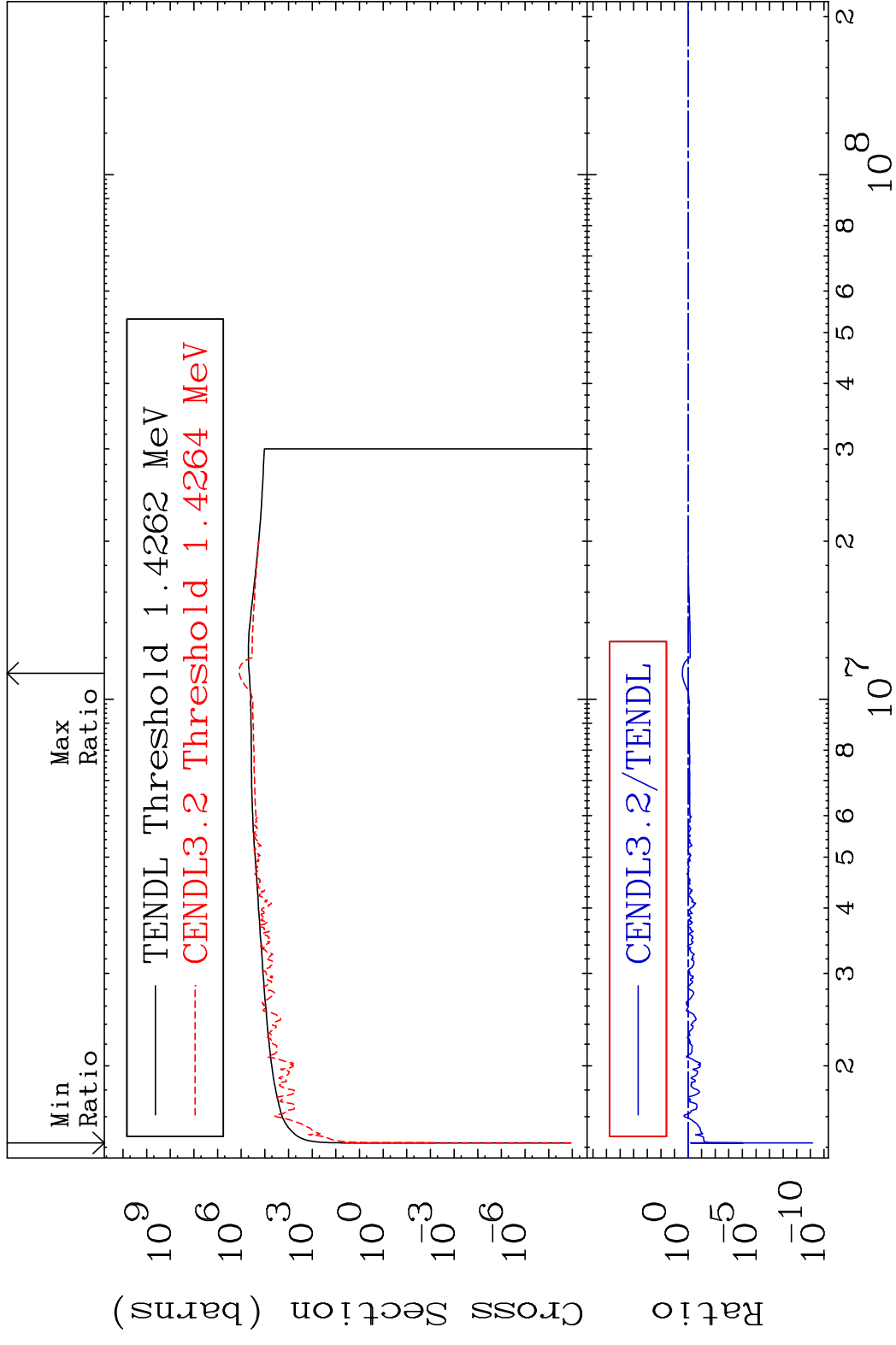
Incident Energy (eV)

12-Mg-24

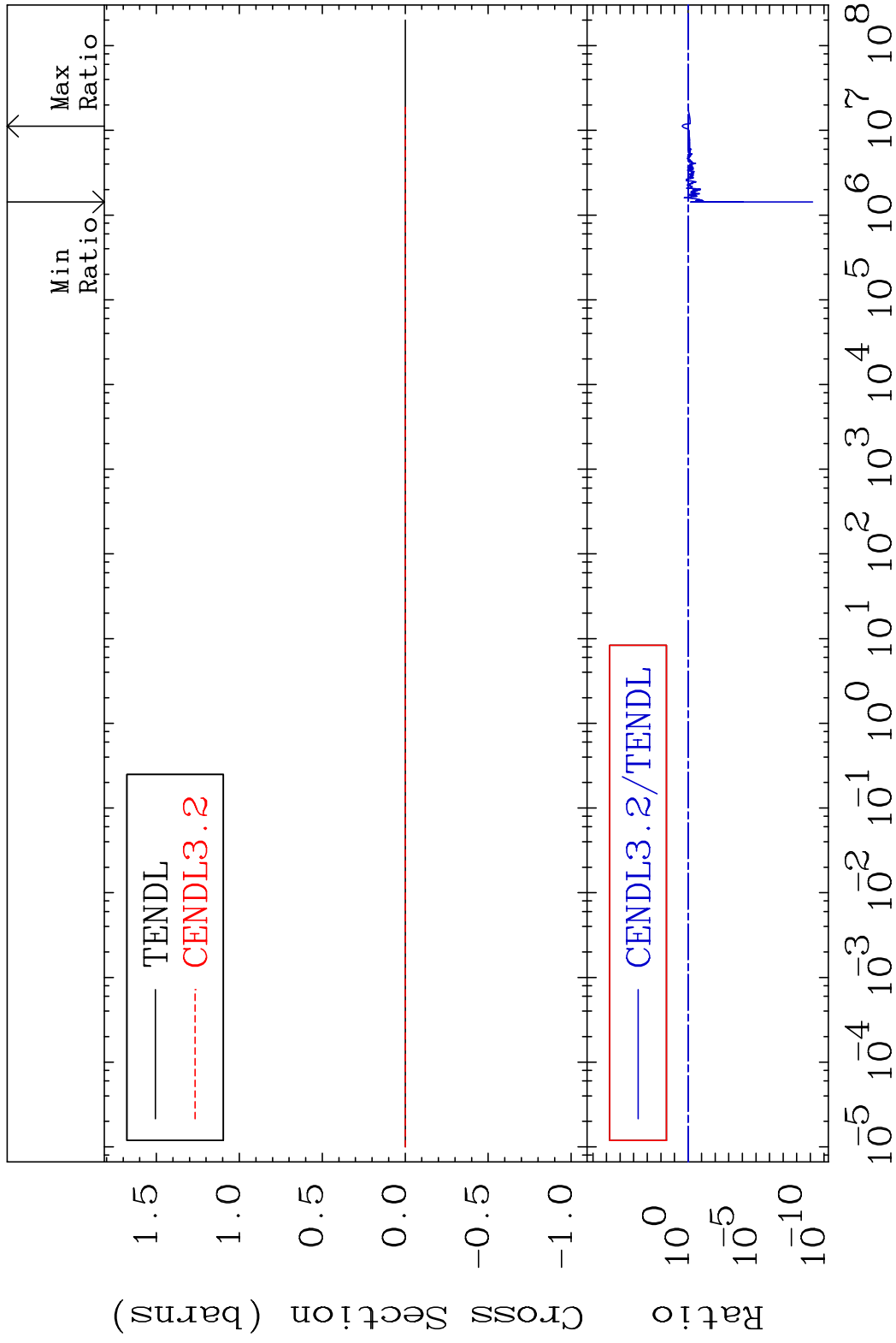
MAT 1225 Kerma non-elastic (all but mt2) 12-Mg-24
 Cross Section -97.77 To 9999. %



MAT 1225 Kerma inelastic (mt51-91) 12-Mg-24
 Cross Section -100.0 To 161.1 %

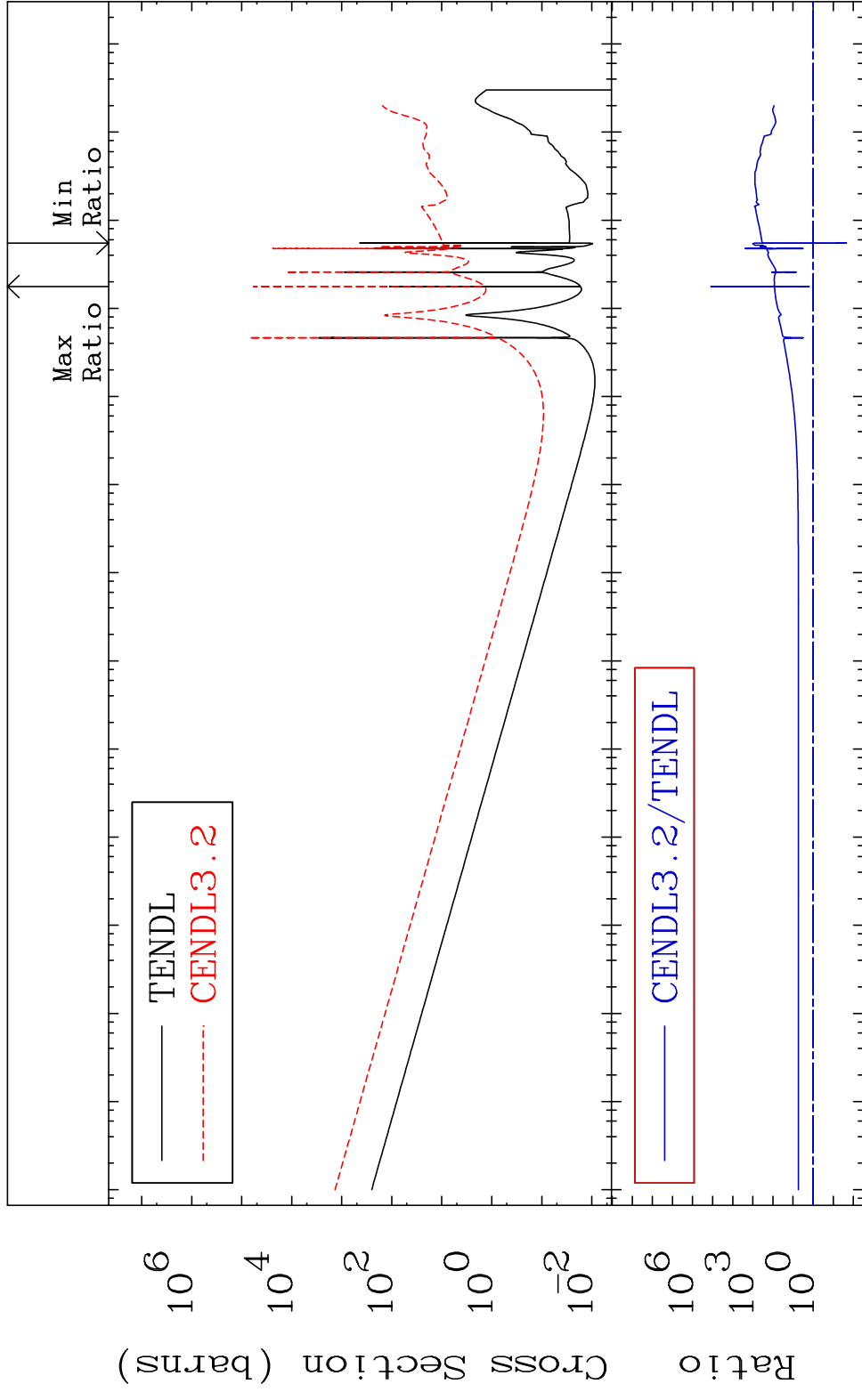


MAT 1225 Kerma fission (mt18 or mt19-20-21-38) 12-Mg-24
 Cross Section -100.0 To 161.1 %



MAT 1225

Kerma capture (mt102) 12-Mg-24
Cross Section -97.77 To 9999. %



44

Incident Energy (eV)

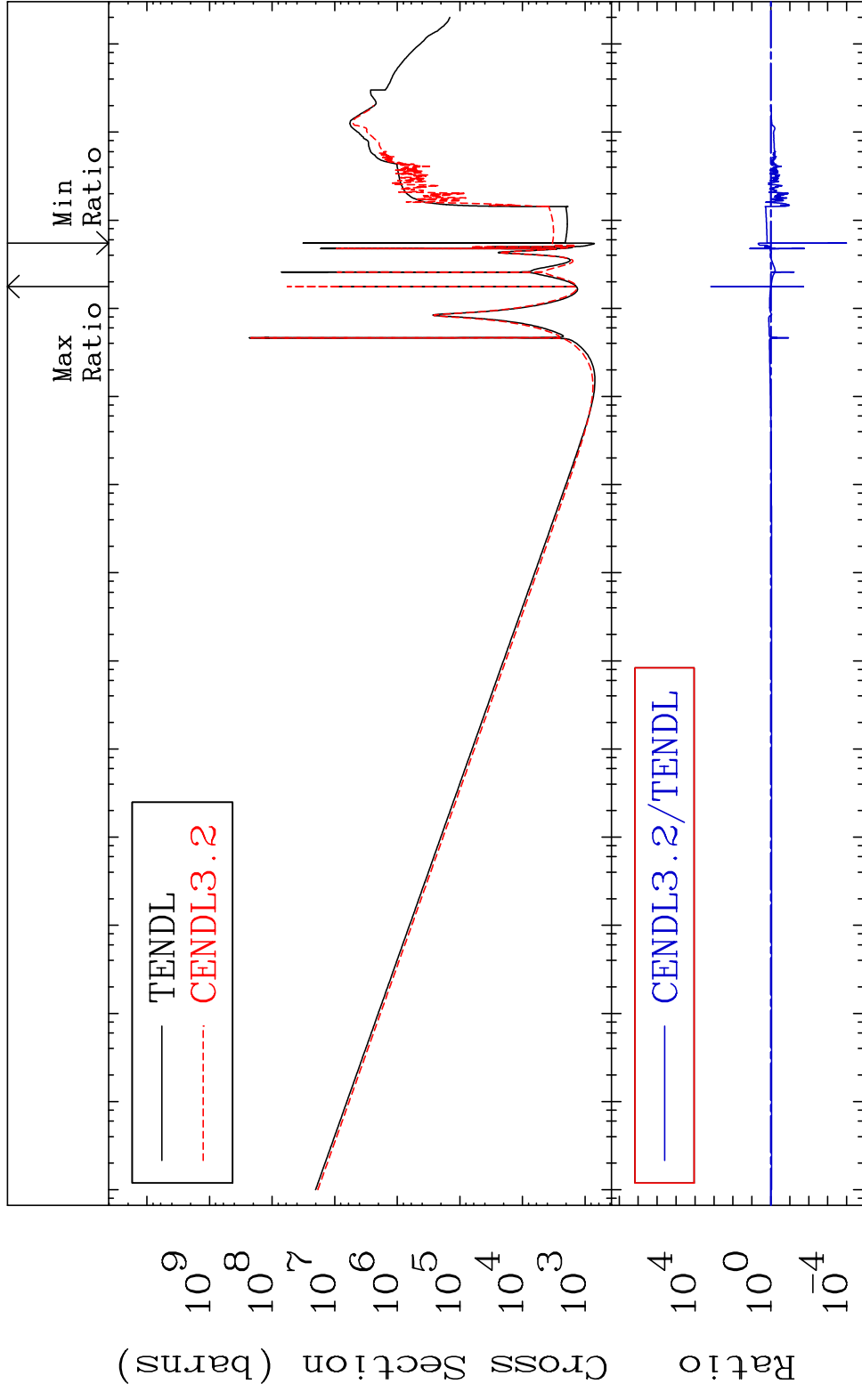
12-Mg-24

MAT 1225

Total photon (eV-barns)

12-Mg-24

Cross Section -99.99 To 9999. %

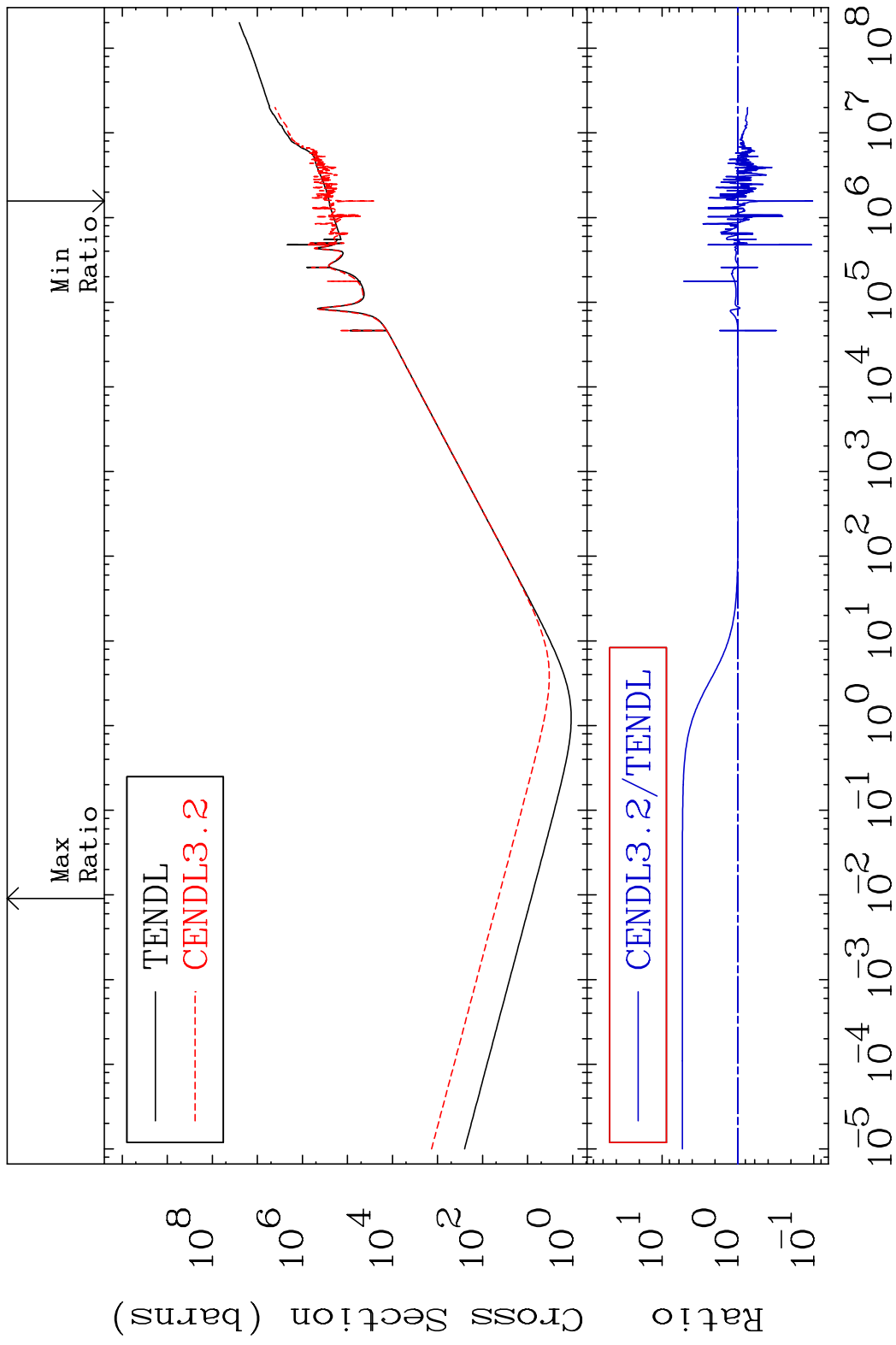


45

Incident Energy (eV)

12-Mg-24

MAT 1225 Total kinematic kerma (high limit) 12-Mg-24
 Cross Section -89.62 To 439.8 %

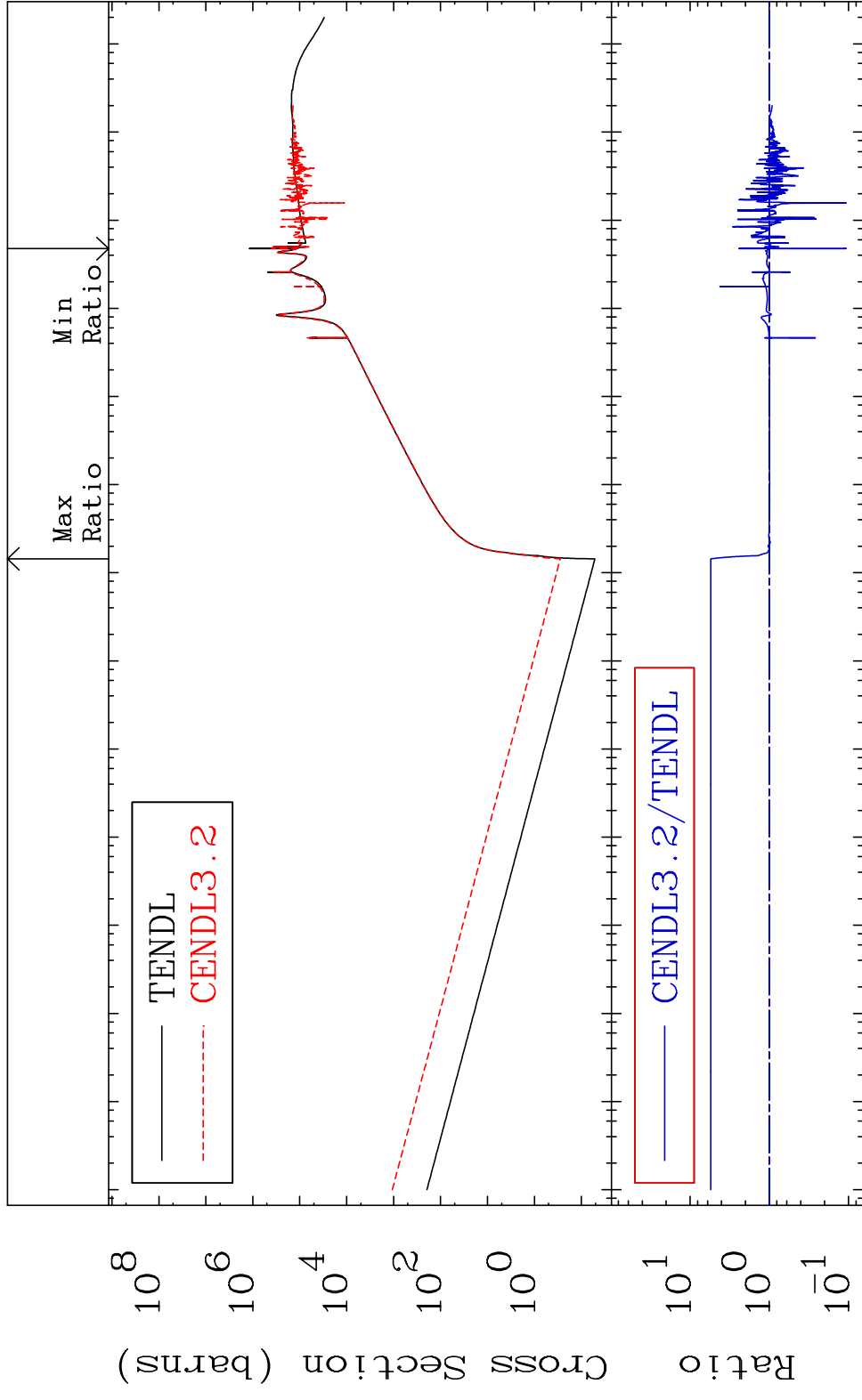


MAT 1225

Dpa total (eV-barns)

12-Mg-24

Cross Section -89.36 To 447.3 %

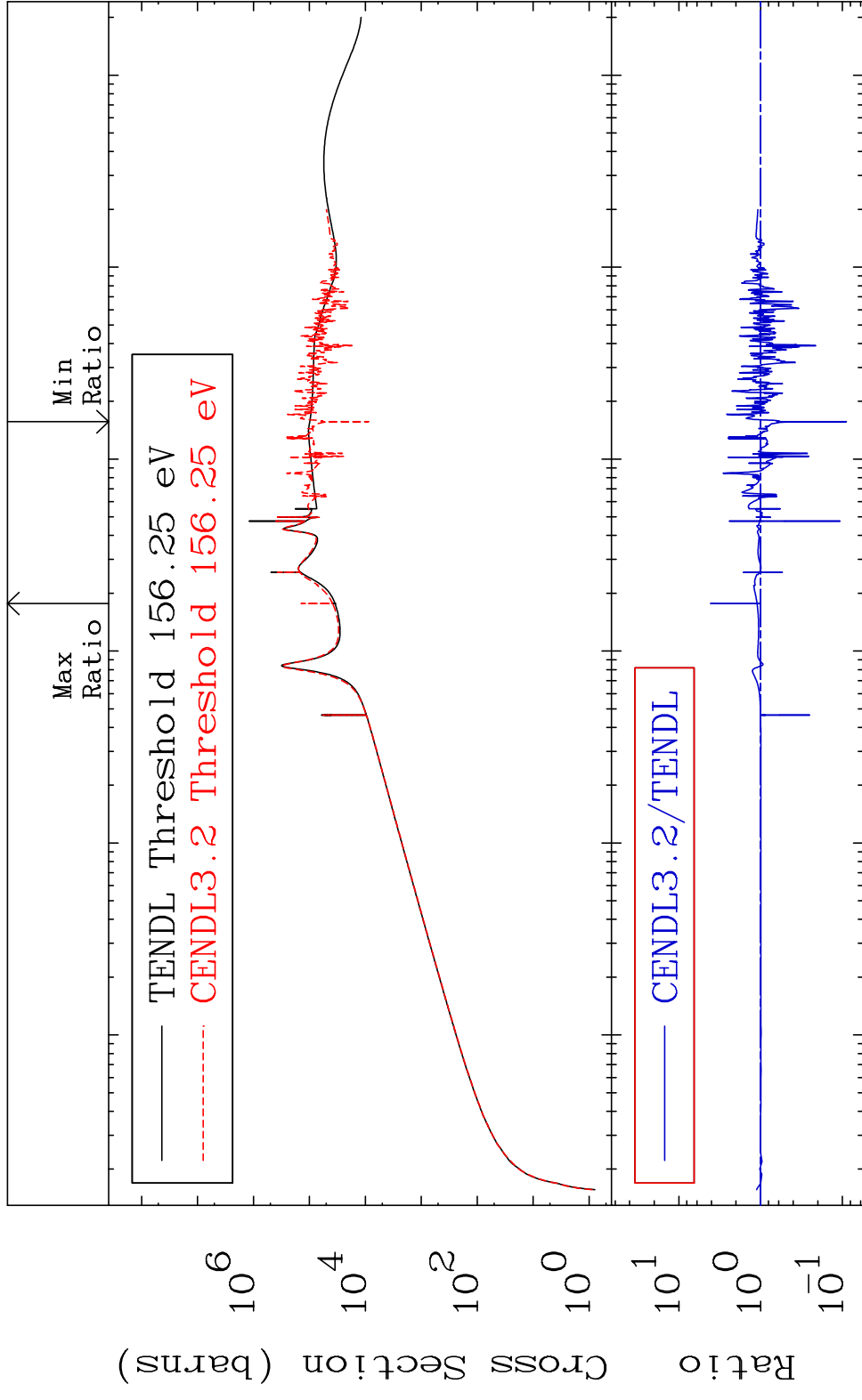


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Incident Energy (eV)

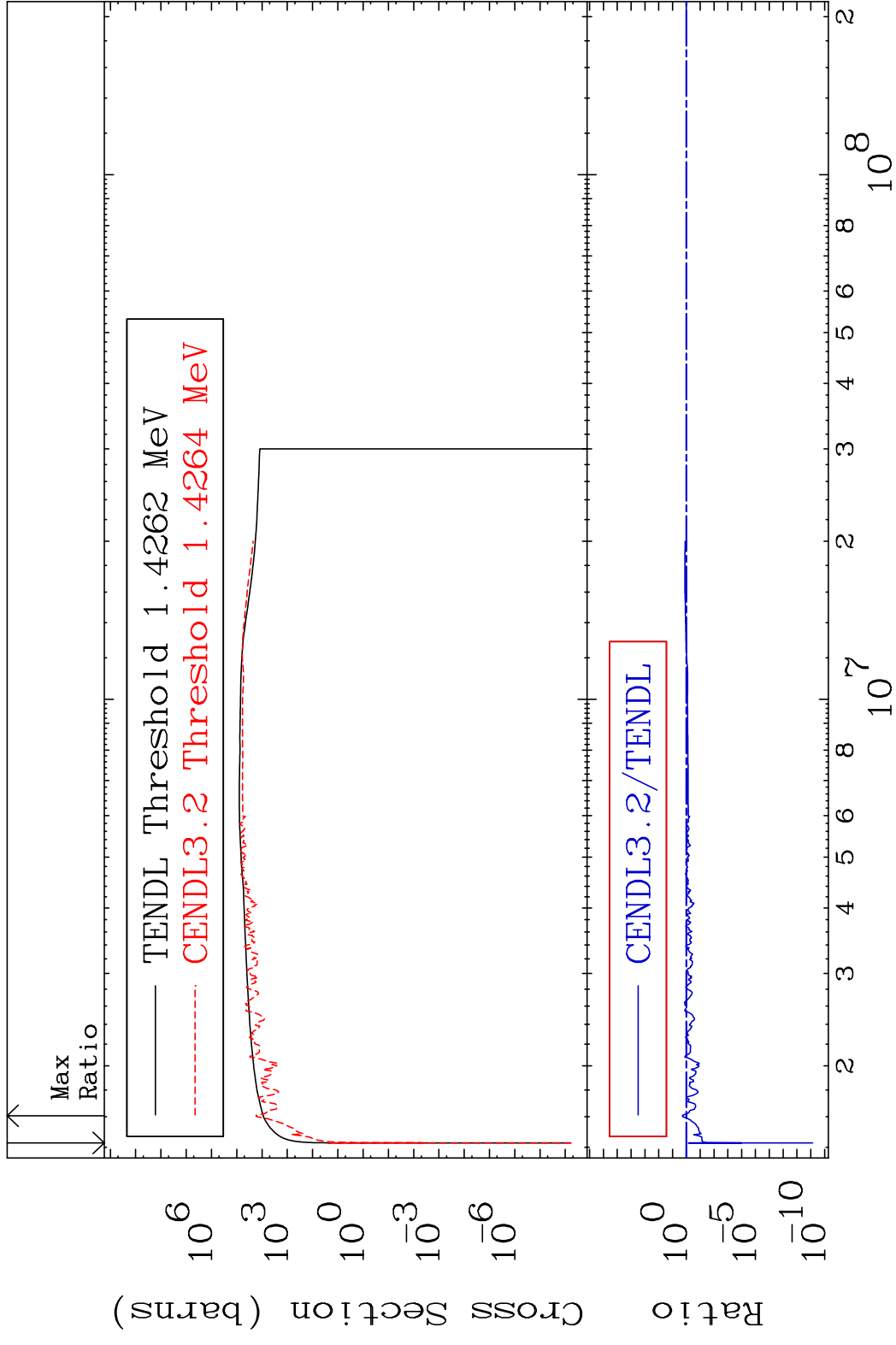
12-Mg-24

MAT 1225 Dpa elastic (mt2) 12-Mg-24
 Cross Section -91.04 To 307.9 %

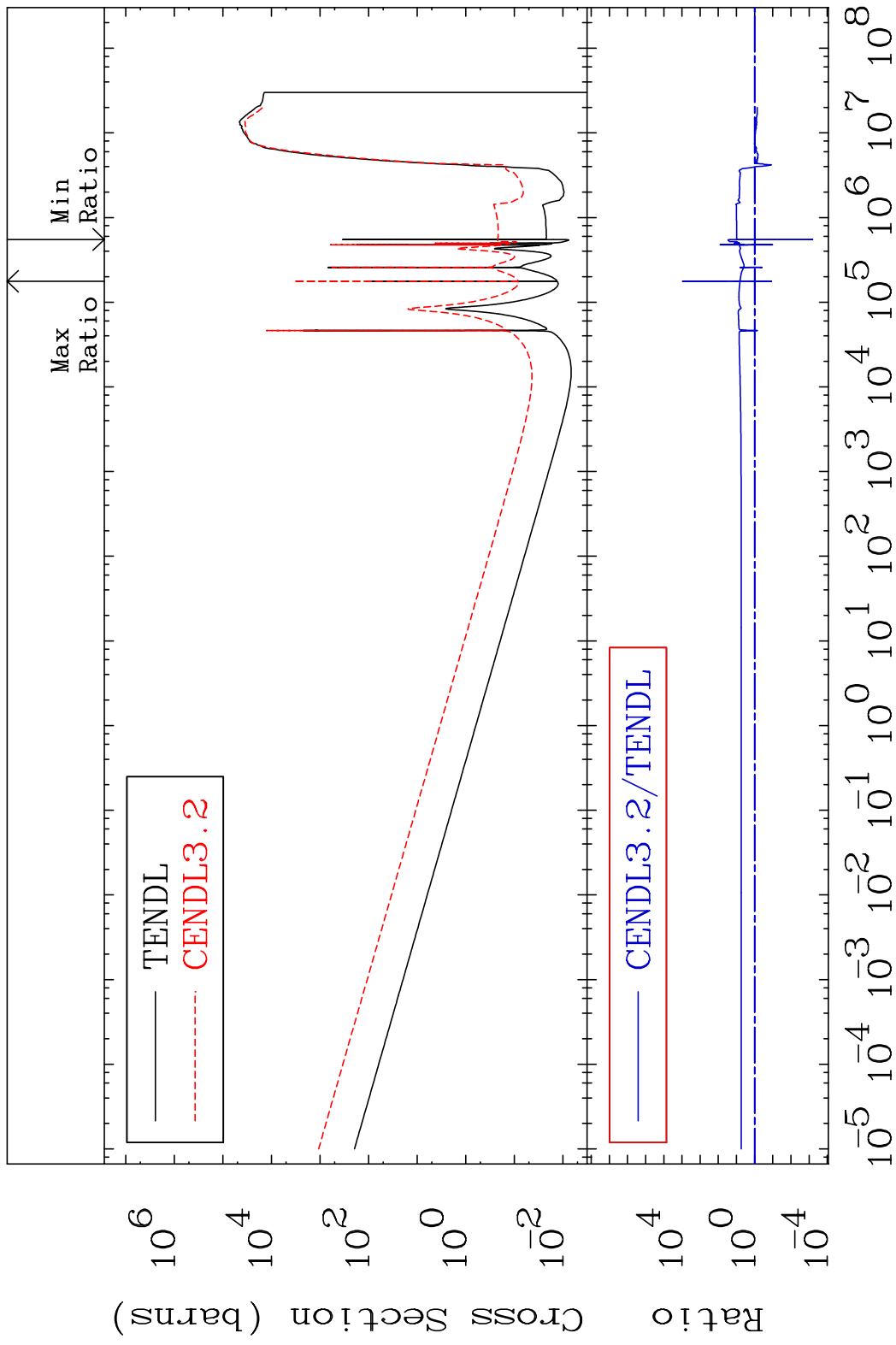


48 Incident Energy (eV) 12-Mg-24

MAT 1225 Dpa inelastic (mt51-91) 12-Mg-24
 Cross Section -100.0 To 94.98 %



MAT 1225 Dpa disappearance (mt102 -120) 12-Mg-24
 Cross Section -99.94 To 9999. %



50 Incident Energy (eV) 12-Mg-24