

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

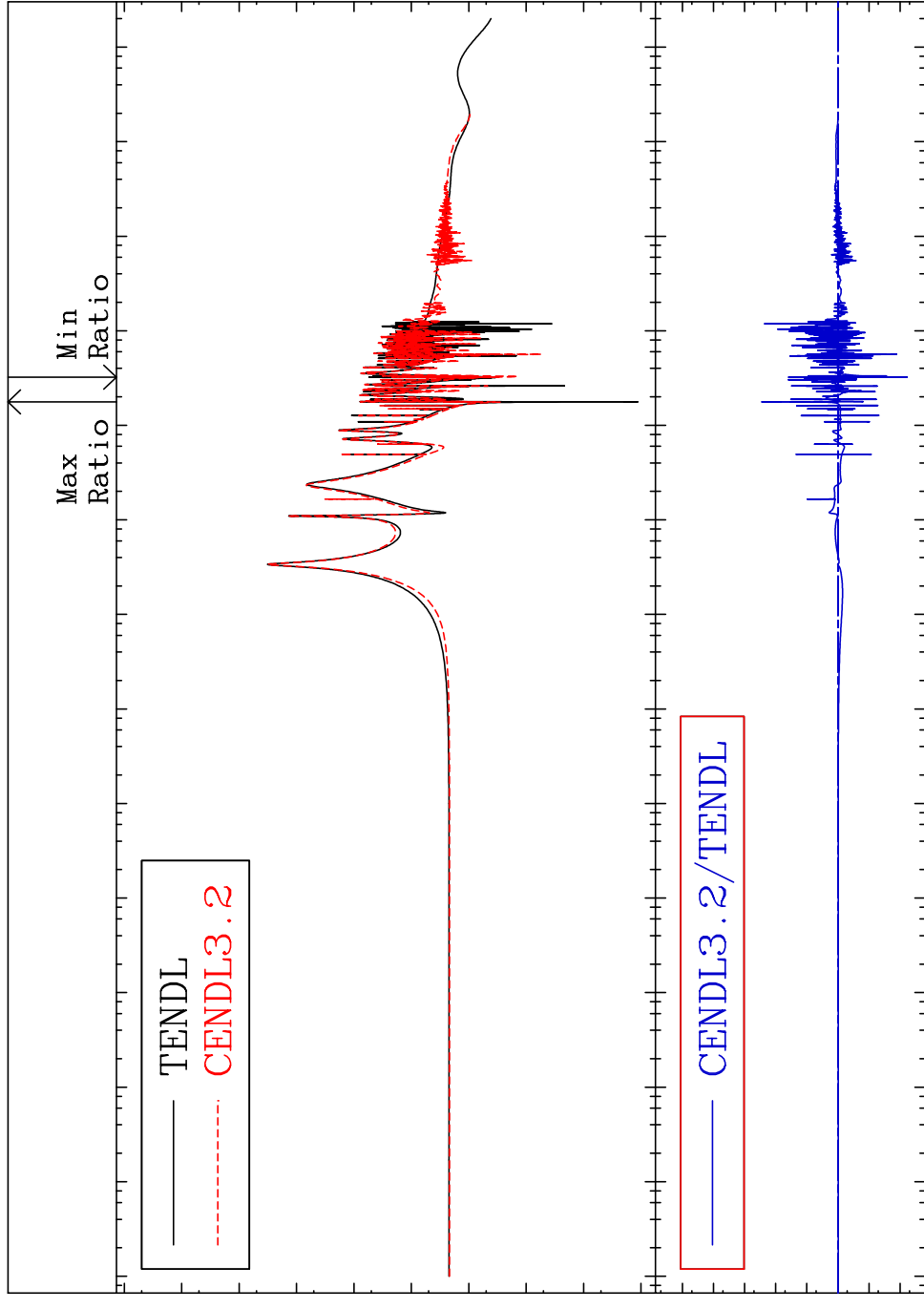
MAT 2525

Elastic

25-Mn-55

Cross Section

-99.41 To 9999. %



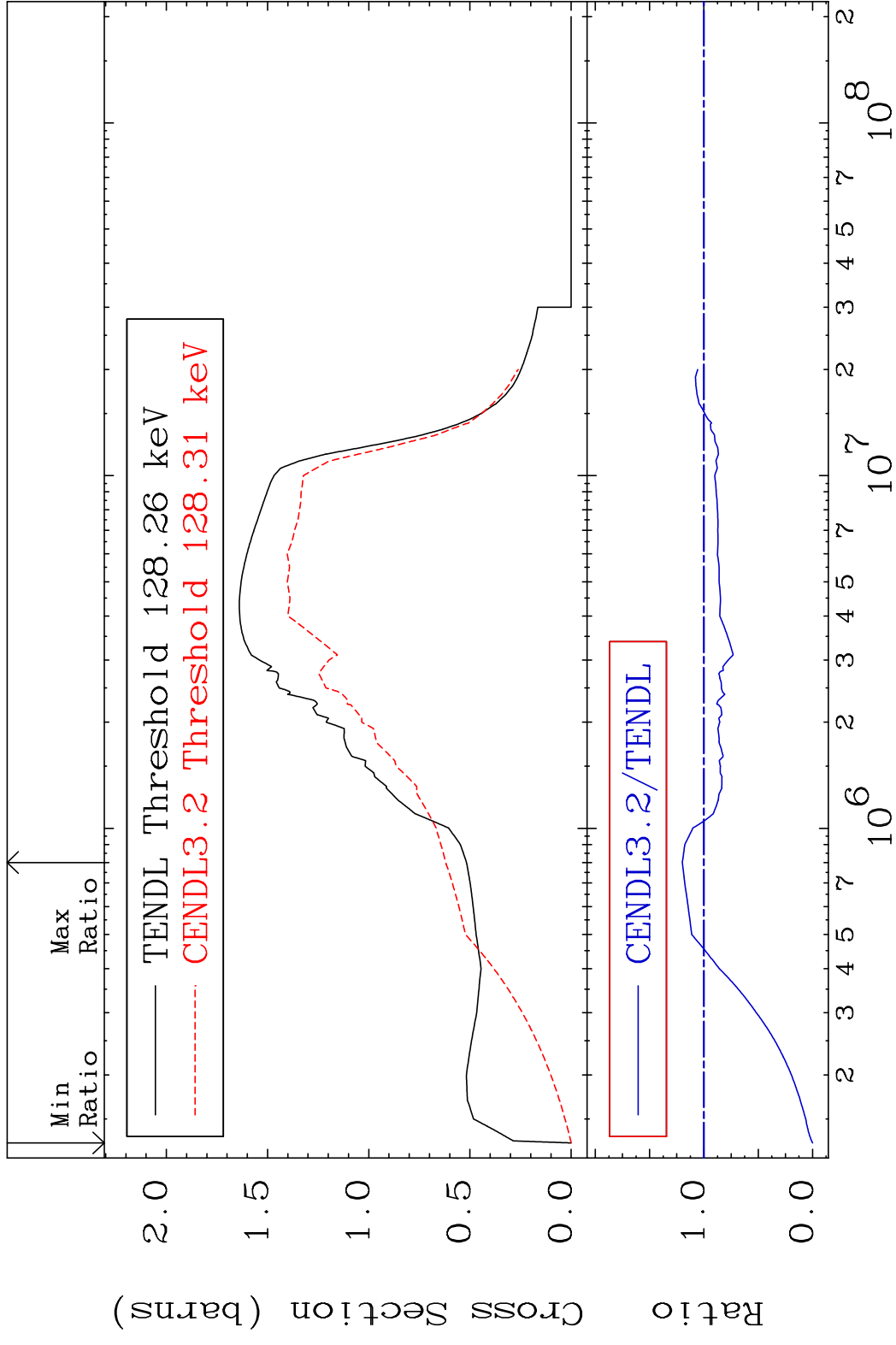
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2

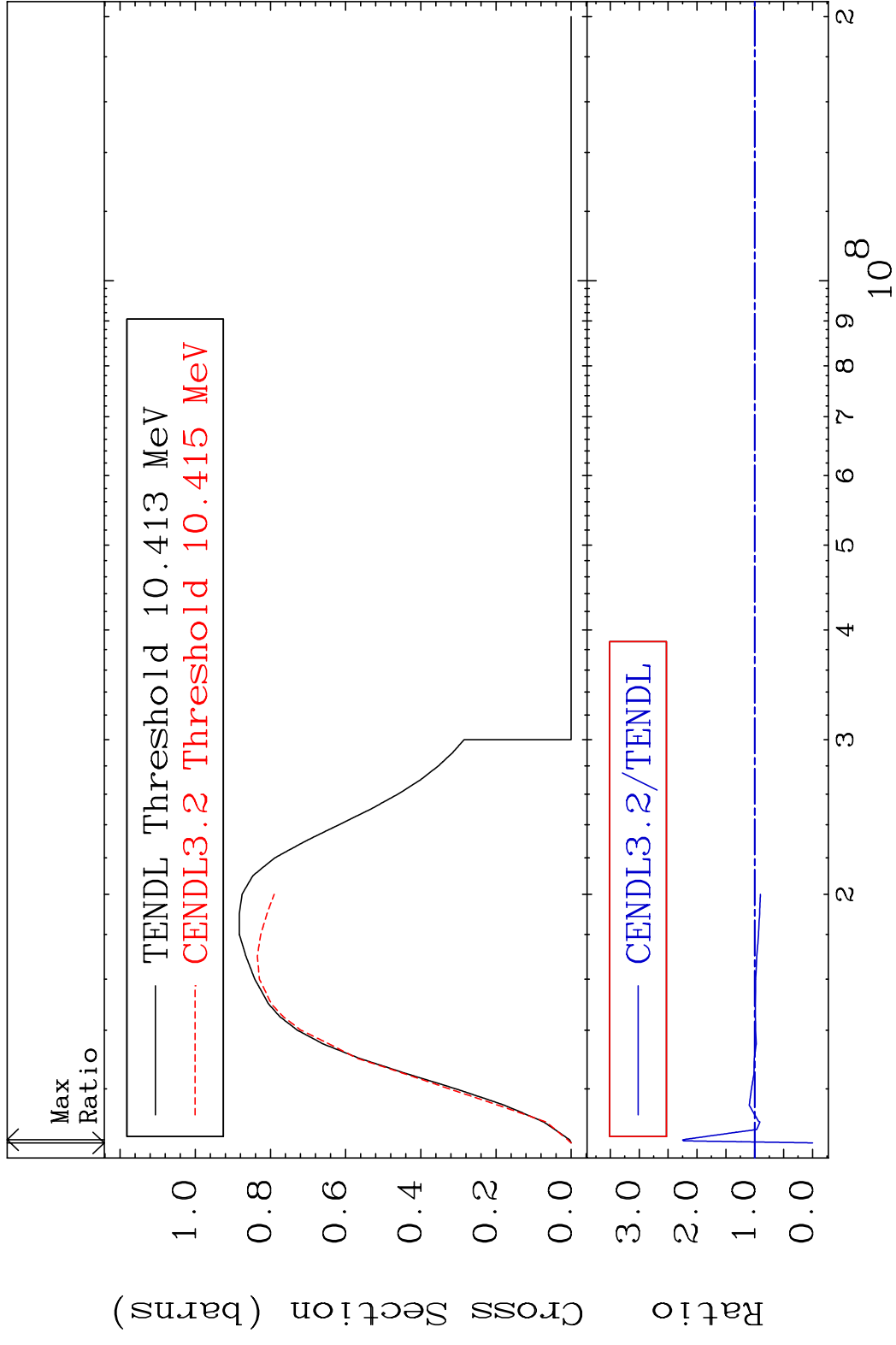
Incident Energy (eV)

25-Mn-55

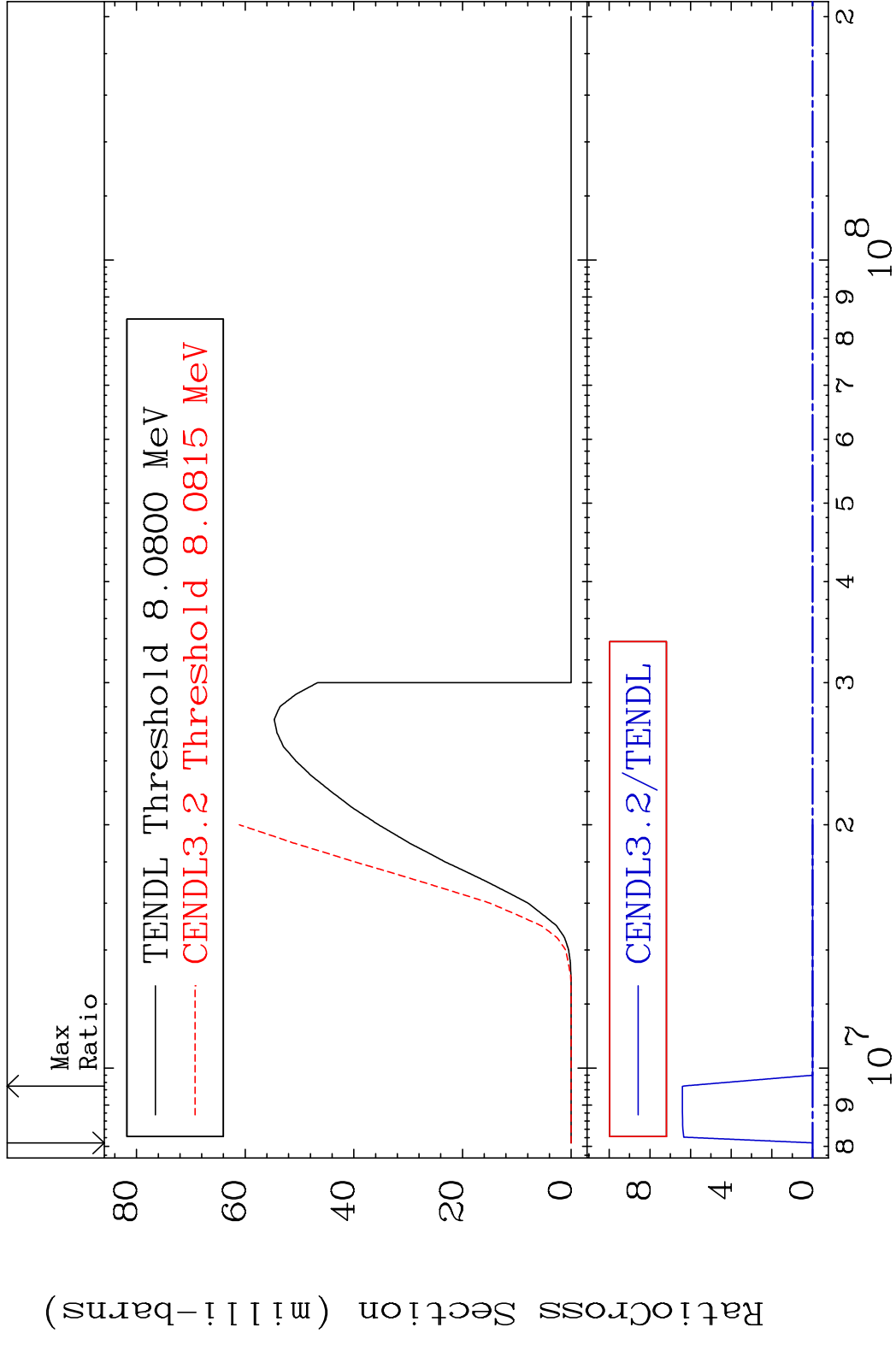
MAT 2525 Inelastic 25-Mn-55
 Cross Section -100.0 To 19.87 %



MAT 2525 (n,2n) 25-Mn-55
 Cross Section -100.0 To 125.4 %

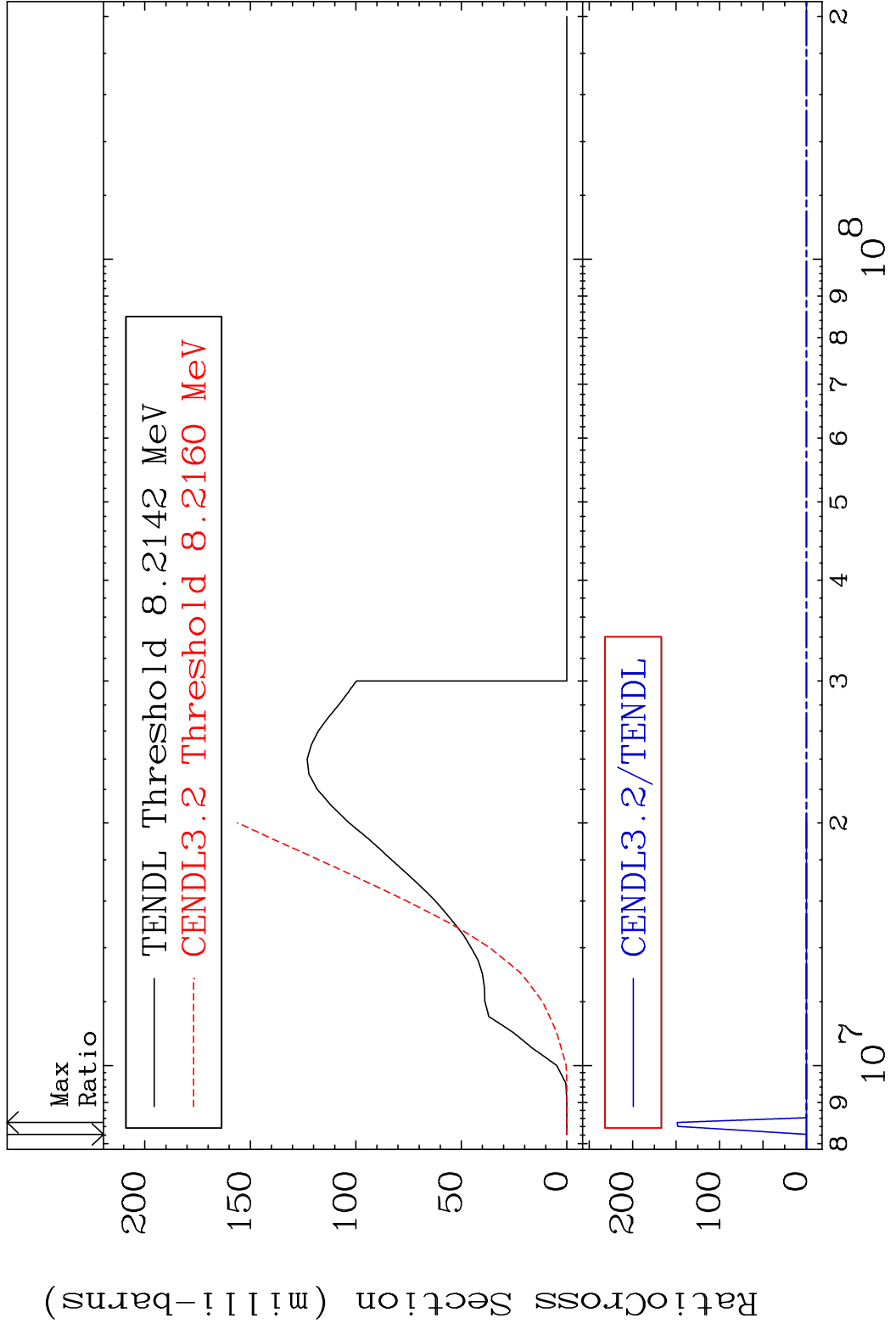


MAT 2525 (n, n') α 25-Mn-55
 Cross Section -100.0 To 9999. %



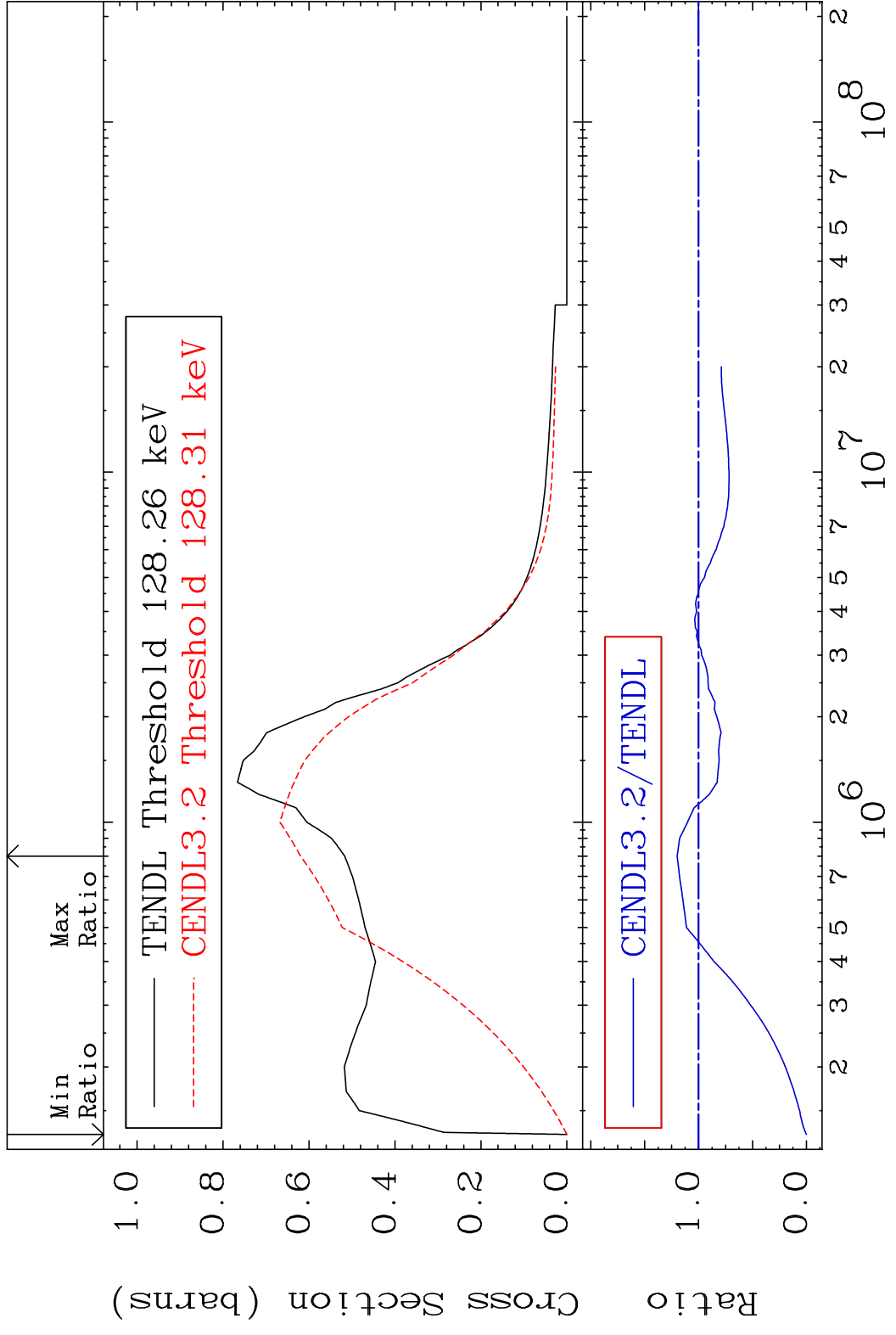
5 8 9 10⁷ 2 3 4 5 6 7 8 9 10⁸ 25-Mn-55

MAT 2525 (n, n') p 25-Mn-55
 Cross Section -100.0 To 9999. %

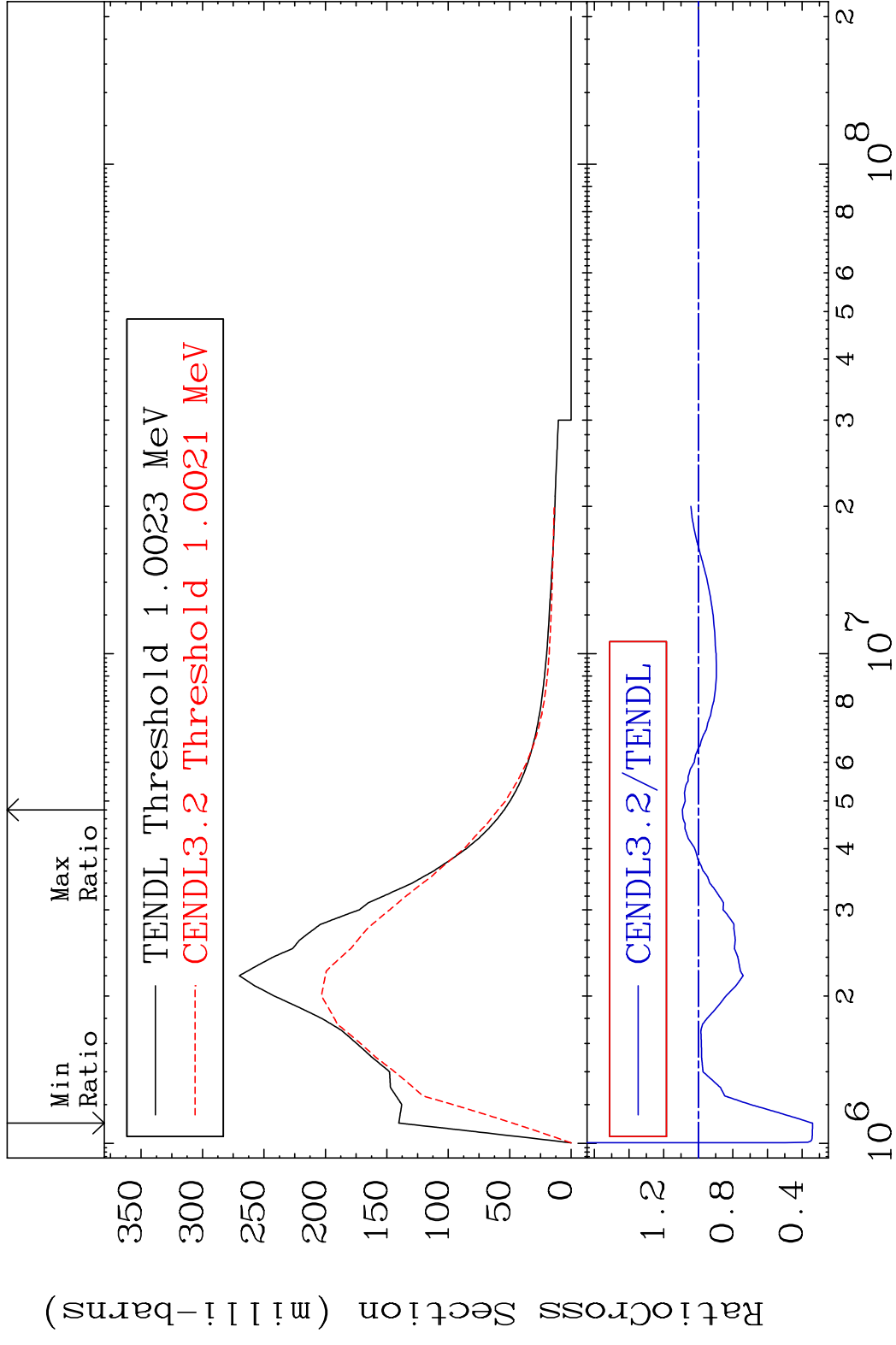


6 Incident Energy (eV) 25-Mn-55

MAT 2525 MT= 51 (n, n') Level 25-Mn-55
 Cross Section -100.0 To 19.87 %

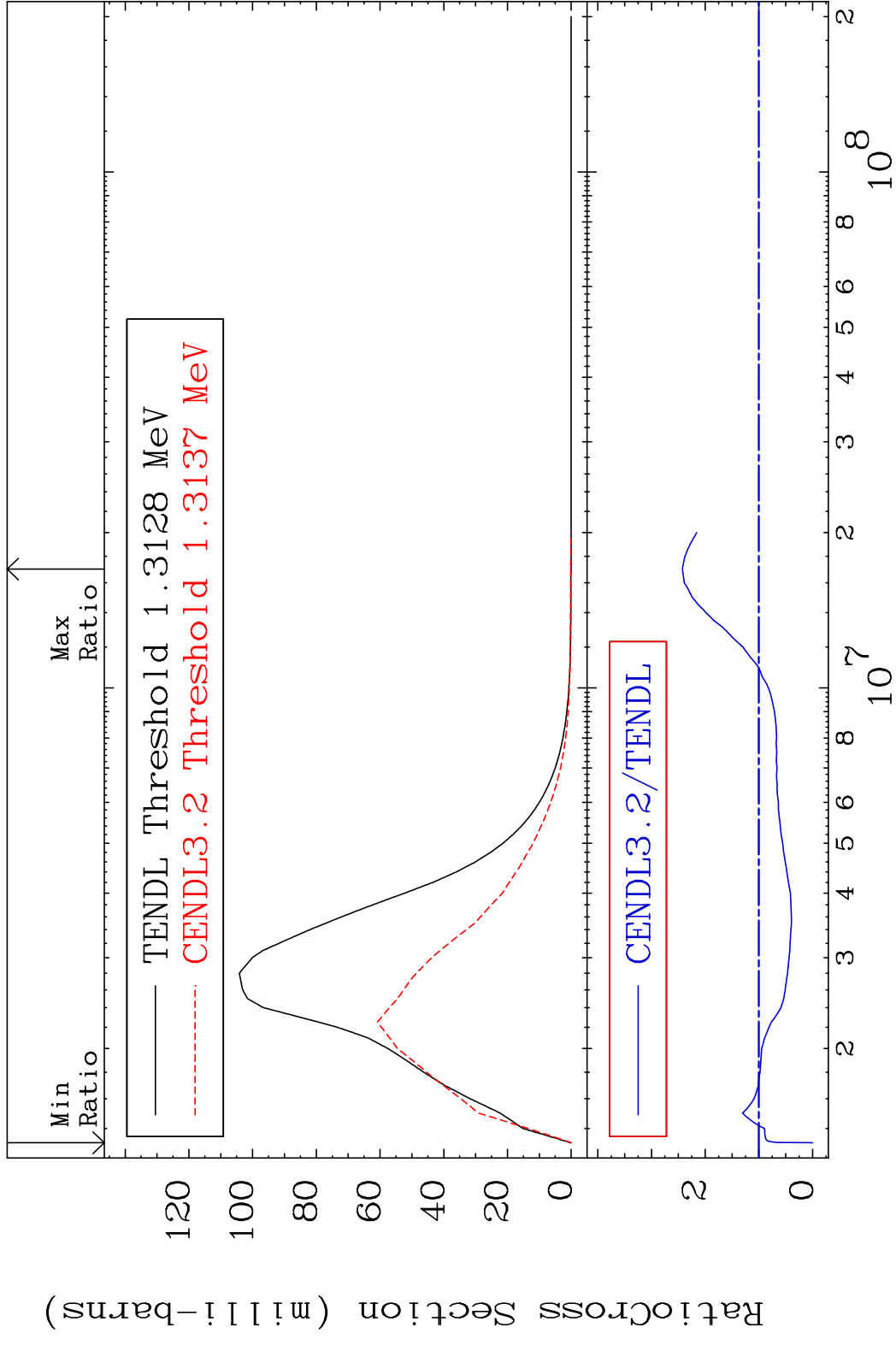


MAT 2525 MT= 52 (n, n') Level 25-Mn-55
 Cross Section -66.04 To 9.204 %

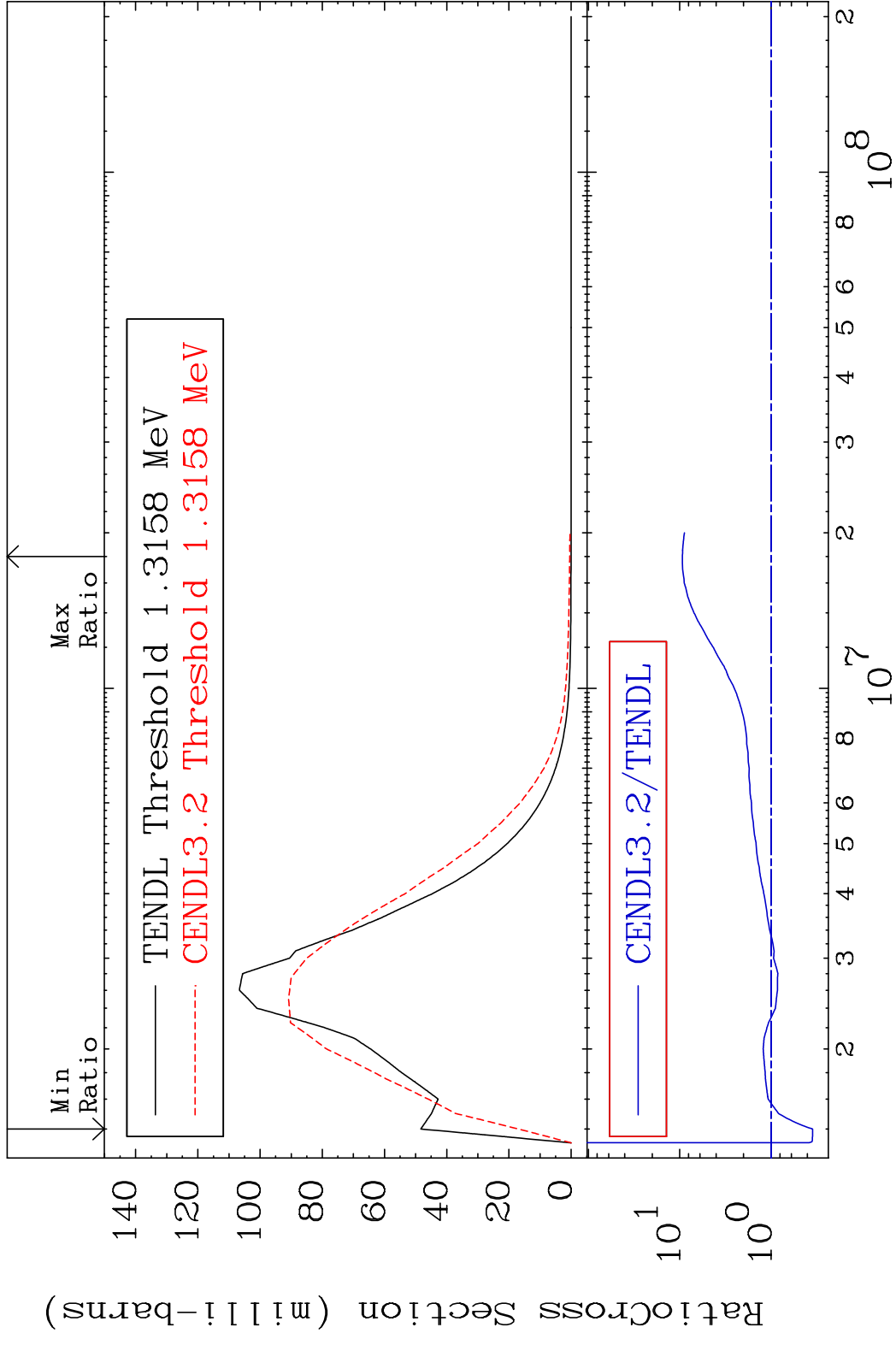


8 8 Incident Energy (eV) 25-Mn-55

MAT 2525 MT= 53 (n, n') Level 25-Mn-55
 Cross Section -100.0 To 142.5 %

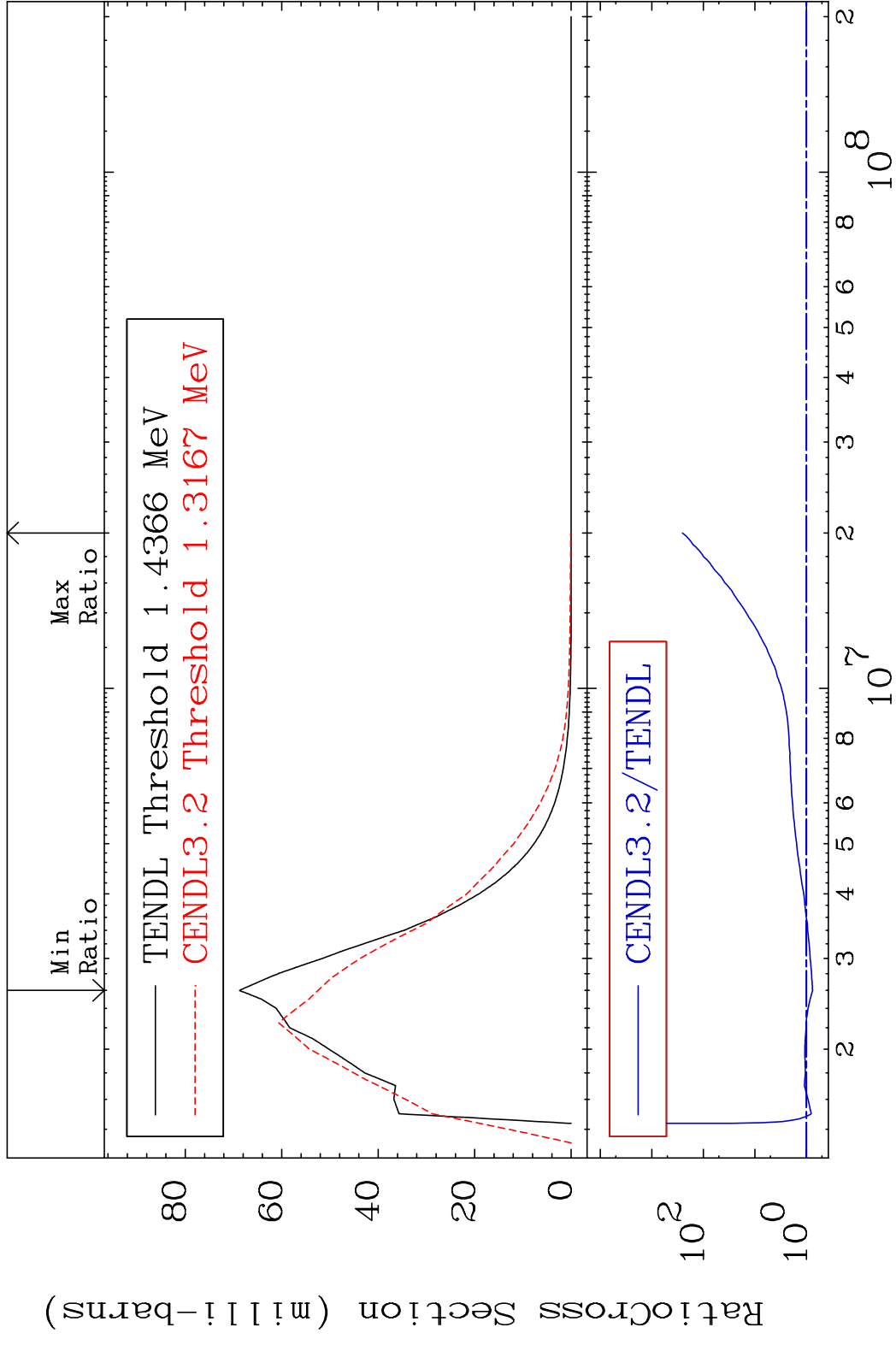


MAT 2525 MT= 54 (n, n') Level 25-Mn-55
 Cross Section -64.87 To 835.4 %

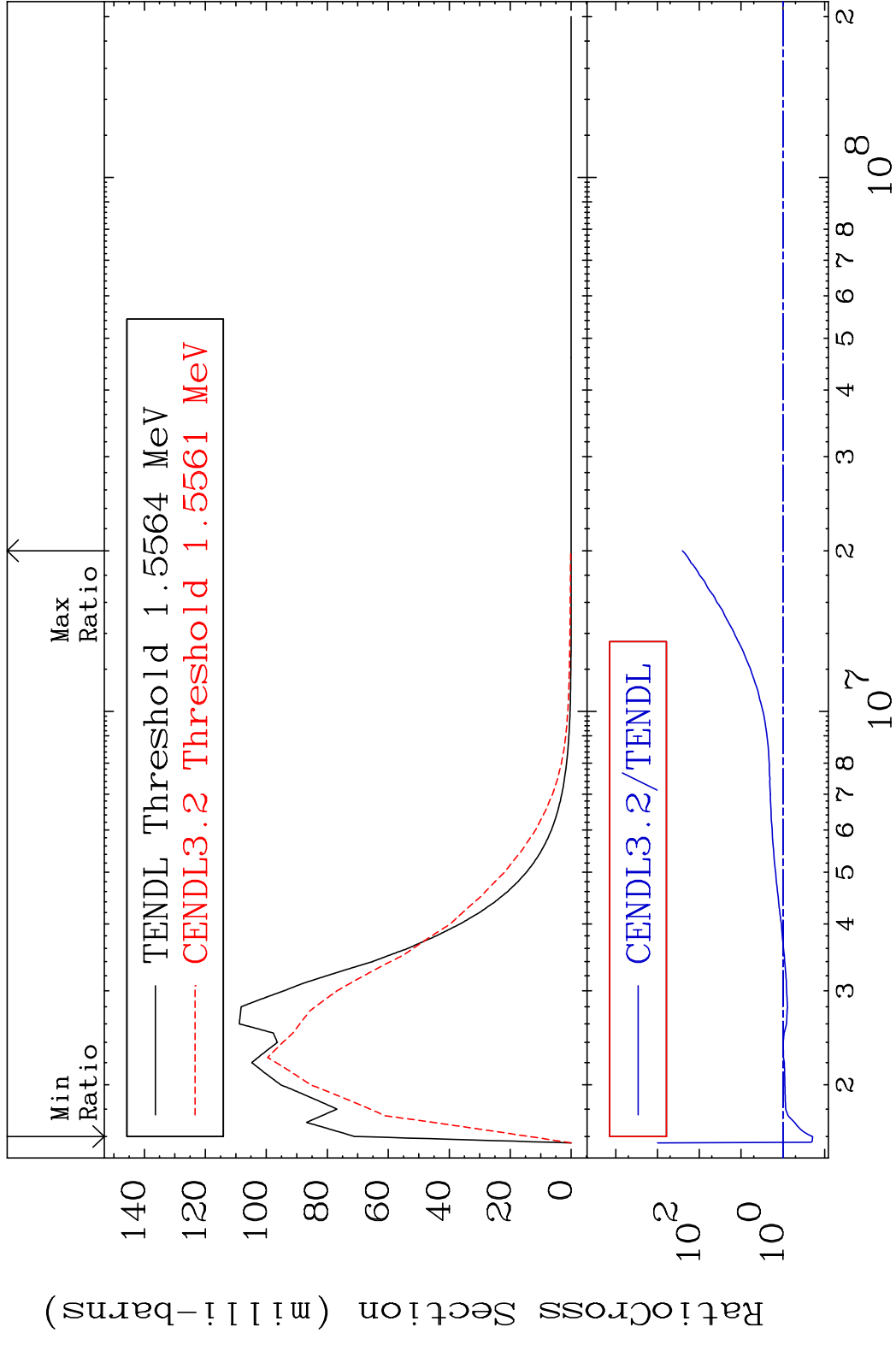


10 Incident Energy (eV) 25-Mn-55

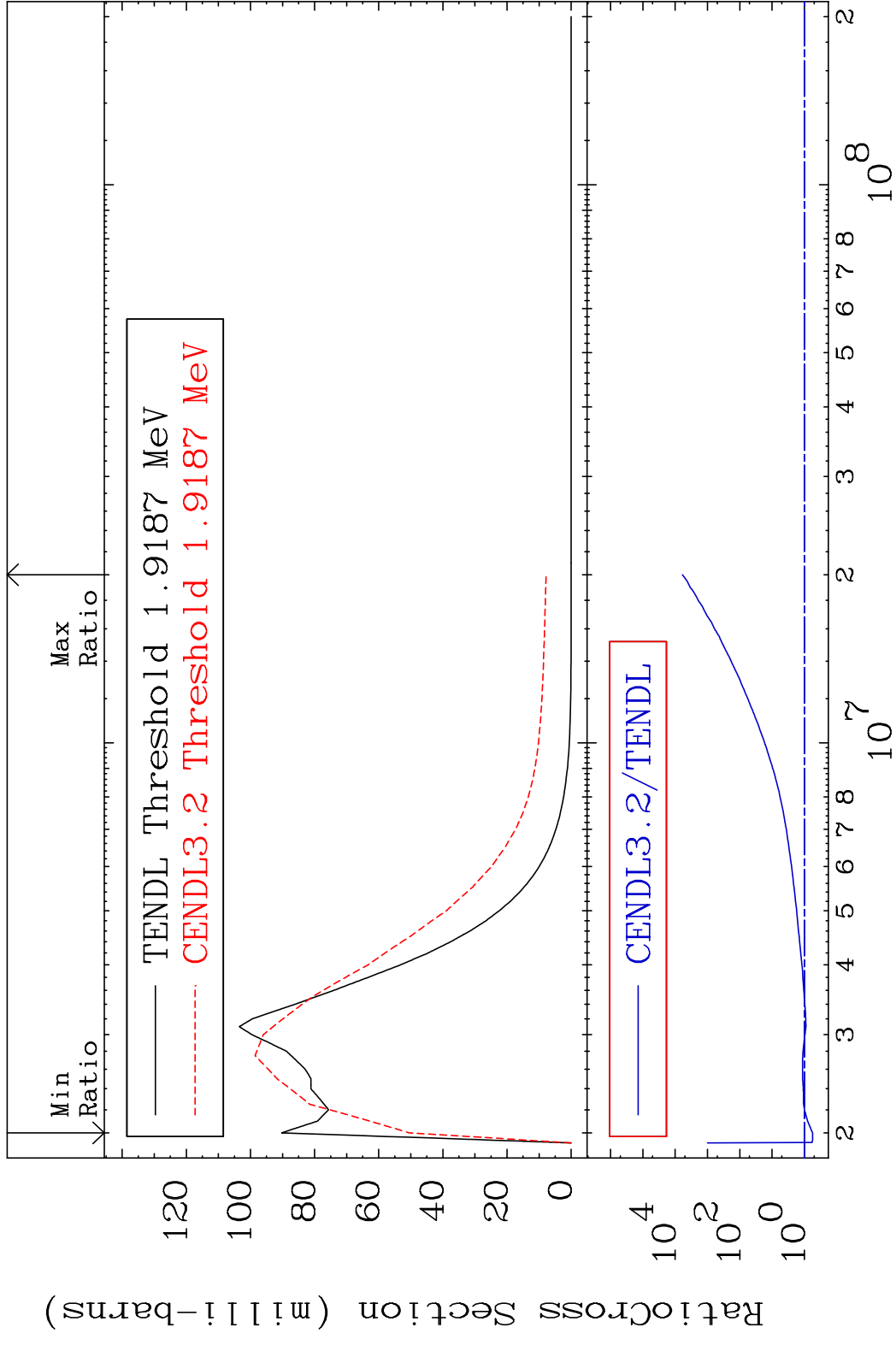
MAT 2525 MT= 55 (n, n') Level 25-Mn-55
 Cross Section -23.71 To 9999. %



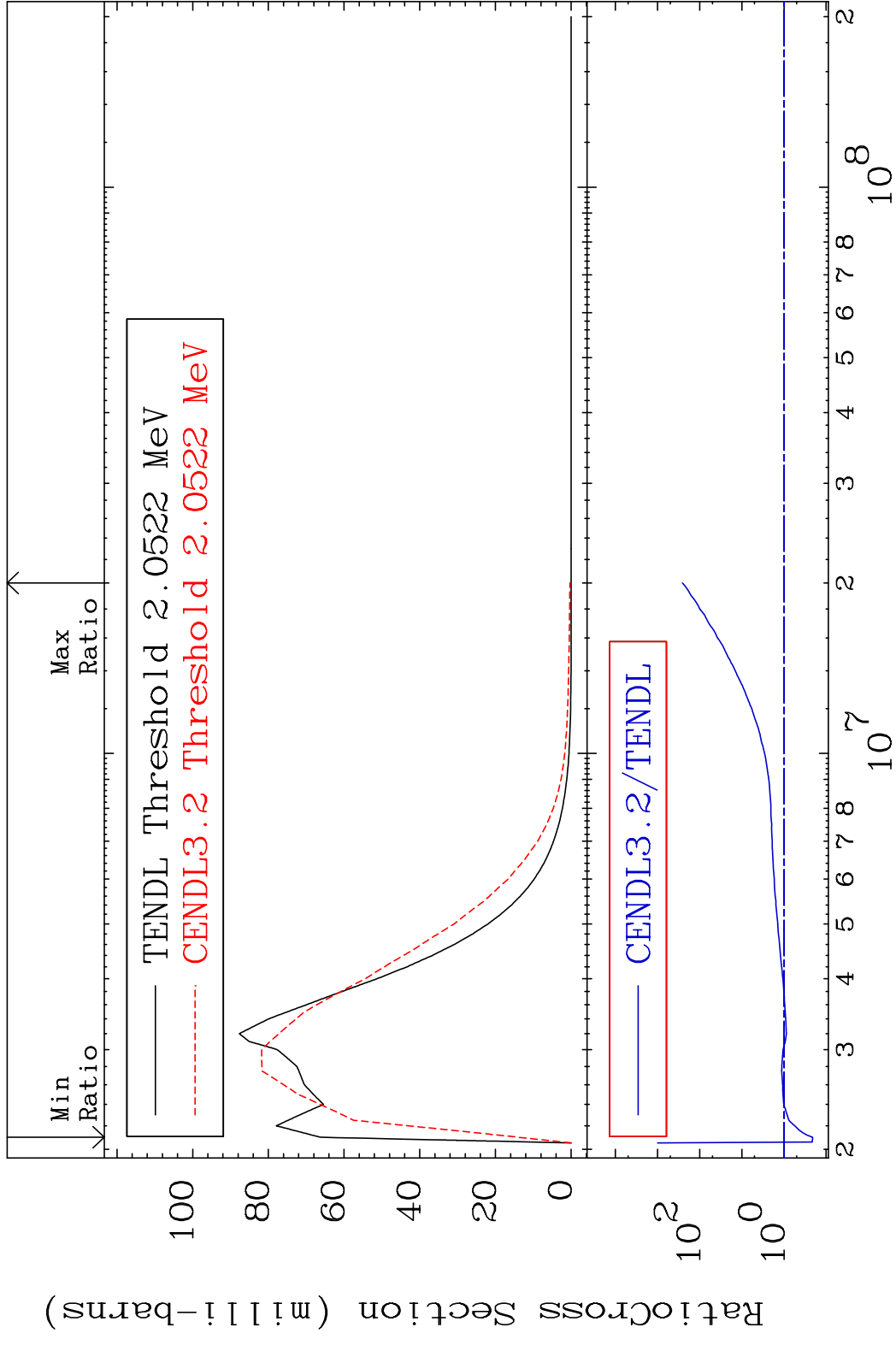
MAT 2525 MT= 56 (n, n') Level 25-Mn-55
 Cross Section -80.55 To 9999. %



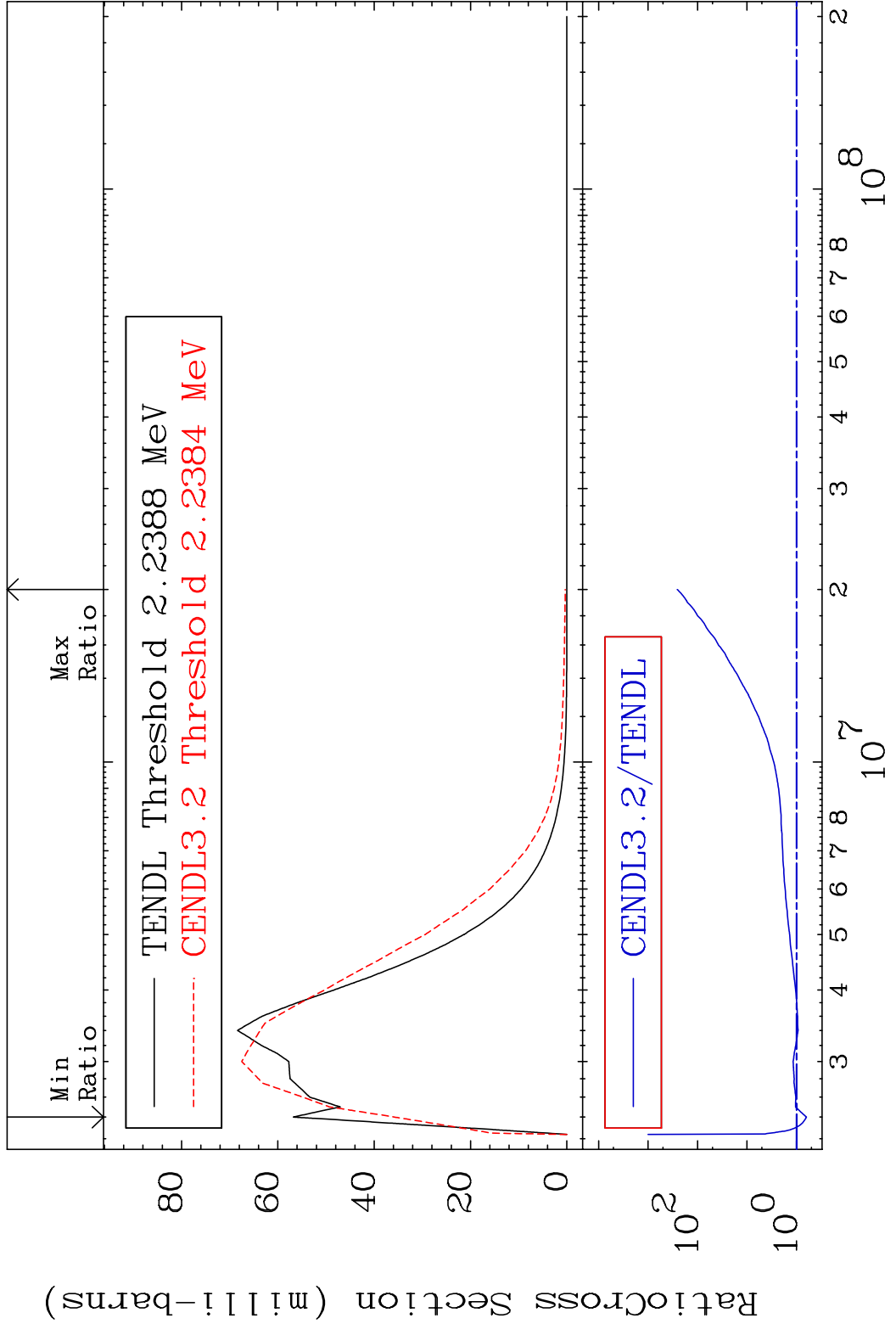
MAT 2525 MT= 57 (n, n') Level 25-Mn-55
 Cross Section -44.10 To 9999. %



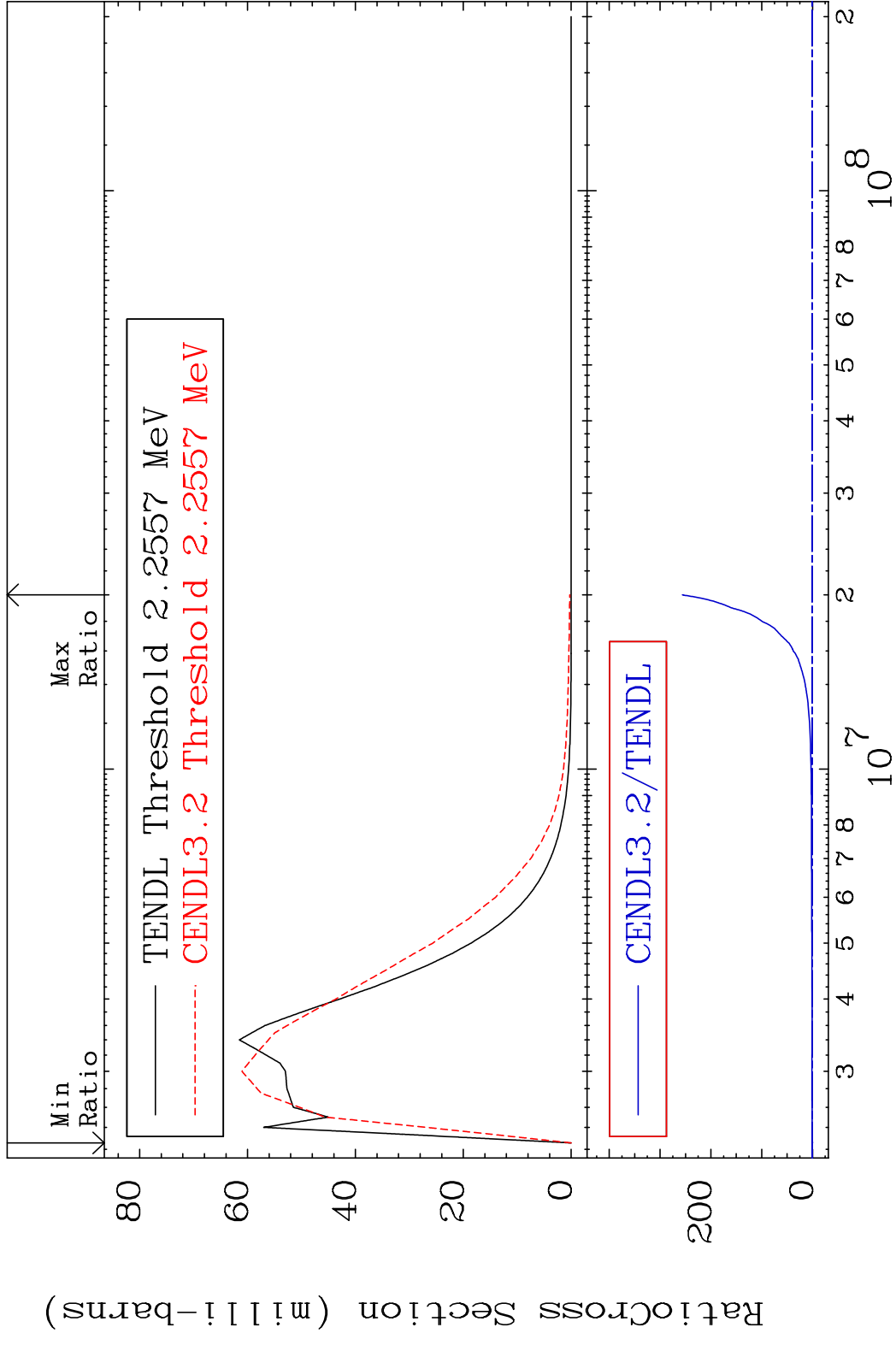
MAT 2525 MT= 58 (n, n') Level 25-Mn-55
 Cross Section -78.99 To 9999. %



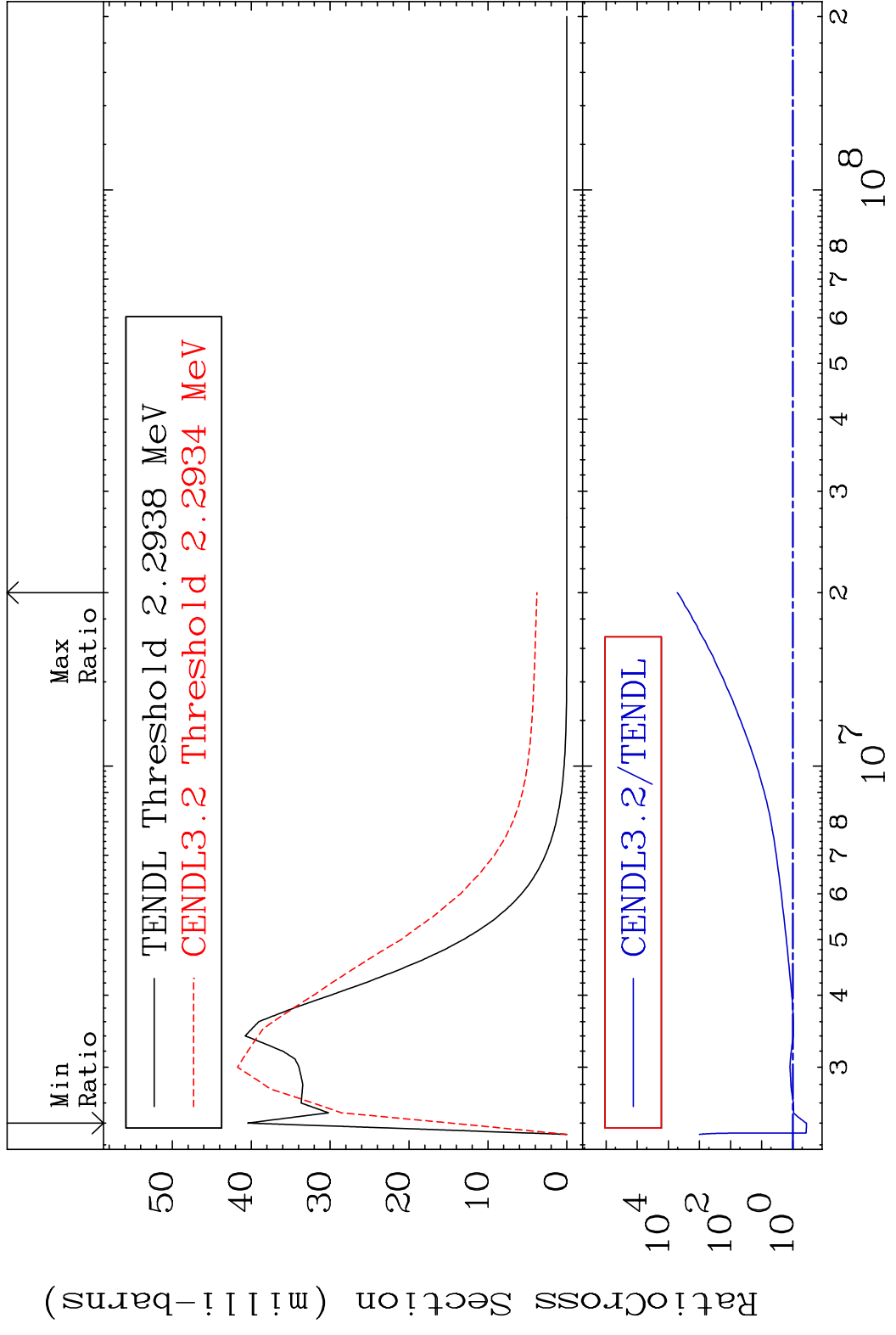
MAT 2525 MT= 59 (n, n') Level 25-Mn-55
 Cross Section -36.99 To 9999. %



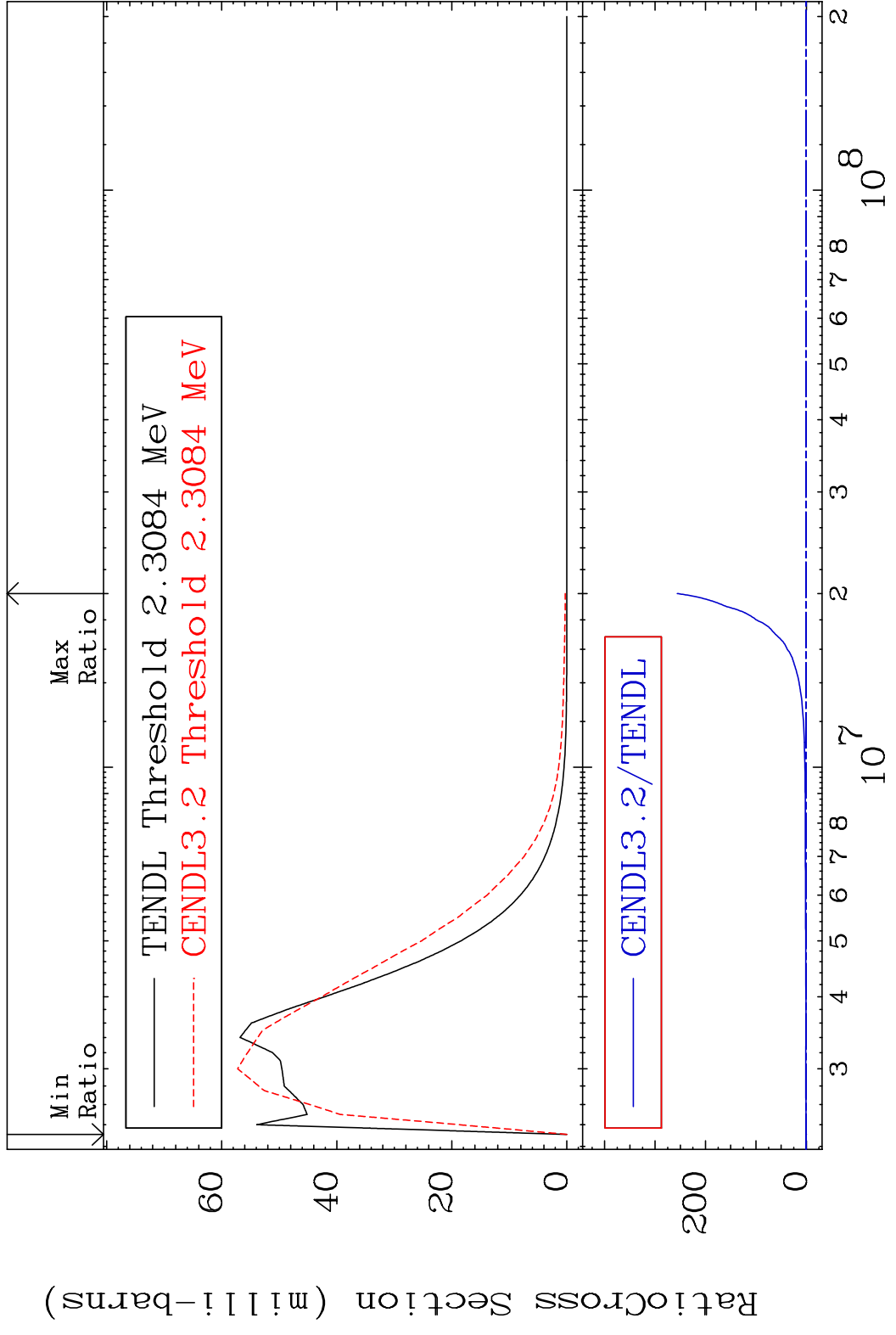
MAT 2525 MT= 60 (n, n') Level 25-Mn-55
 Cross Section -100.0 To 9999. %



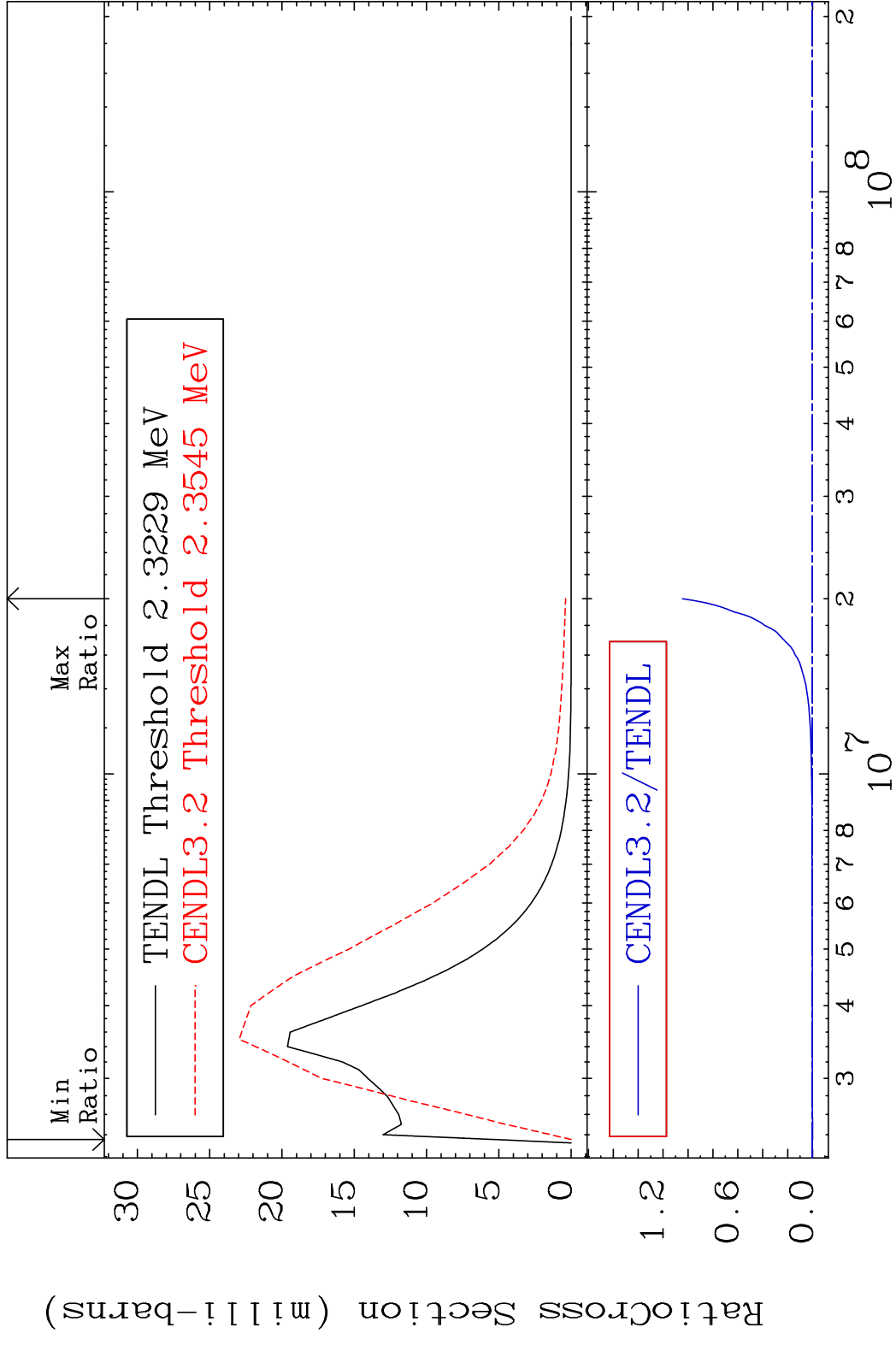
MAT 2525 MT= 61 (n, n') Level 25-Mn-55
 Cross Section -63.57 To 9999. %



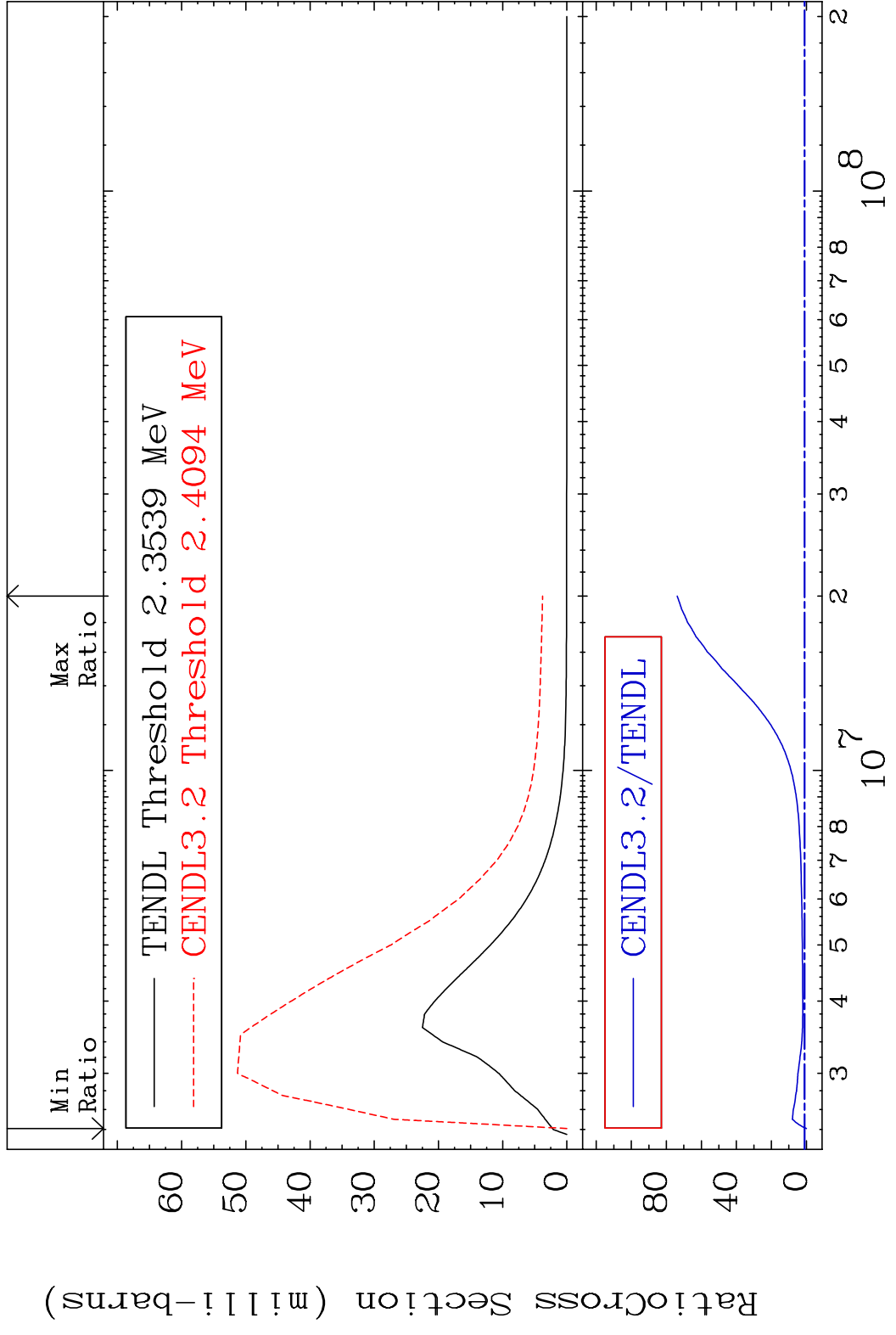
MAT 2525 MT= 62 (n, n') Level 25-Mn-55
 Cross Section -100.0 To 9999. %



MAT 2525 MT= 63 (n, n') Level 25-Mn-55
 Cross Section -100.0 To 9999. %

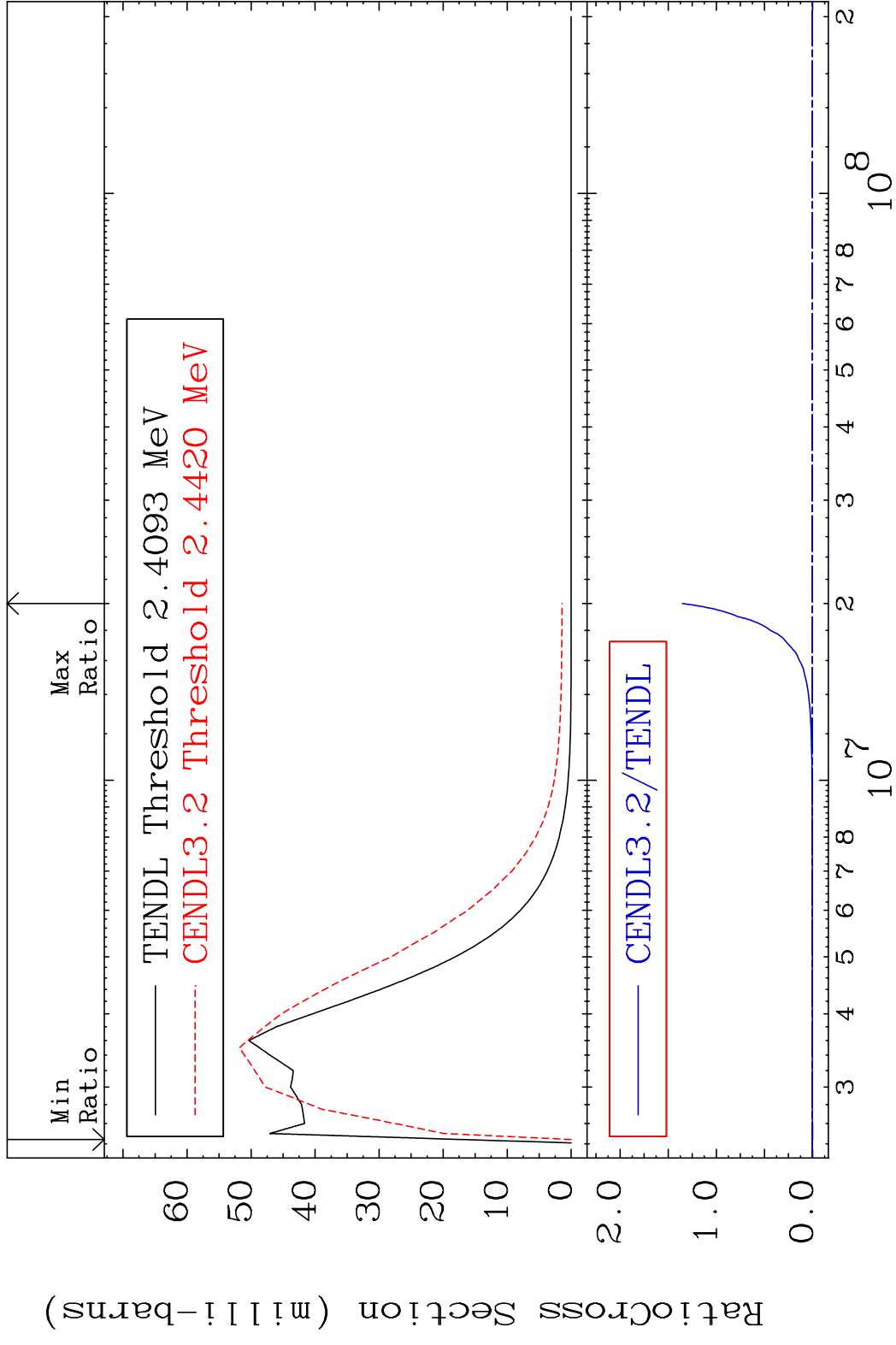


MAT 2525 MT= 64 (n, n') Level 25-Mn-55
 Cross Section -100.0 To 7280. %

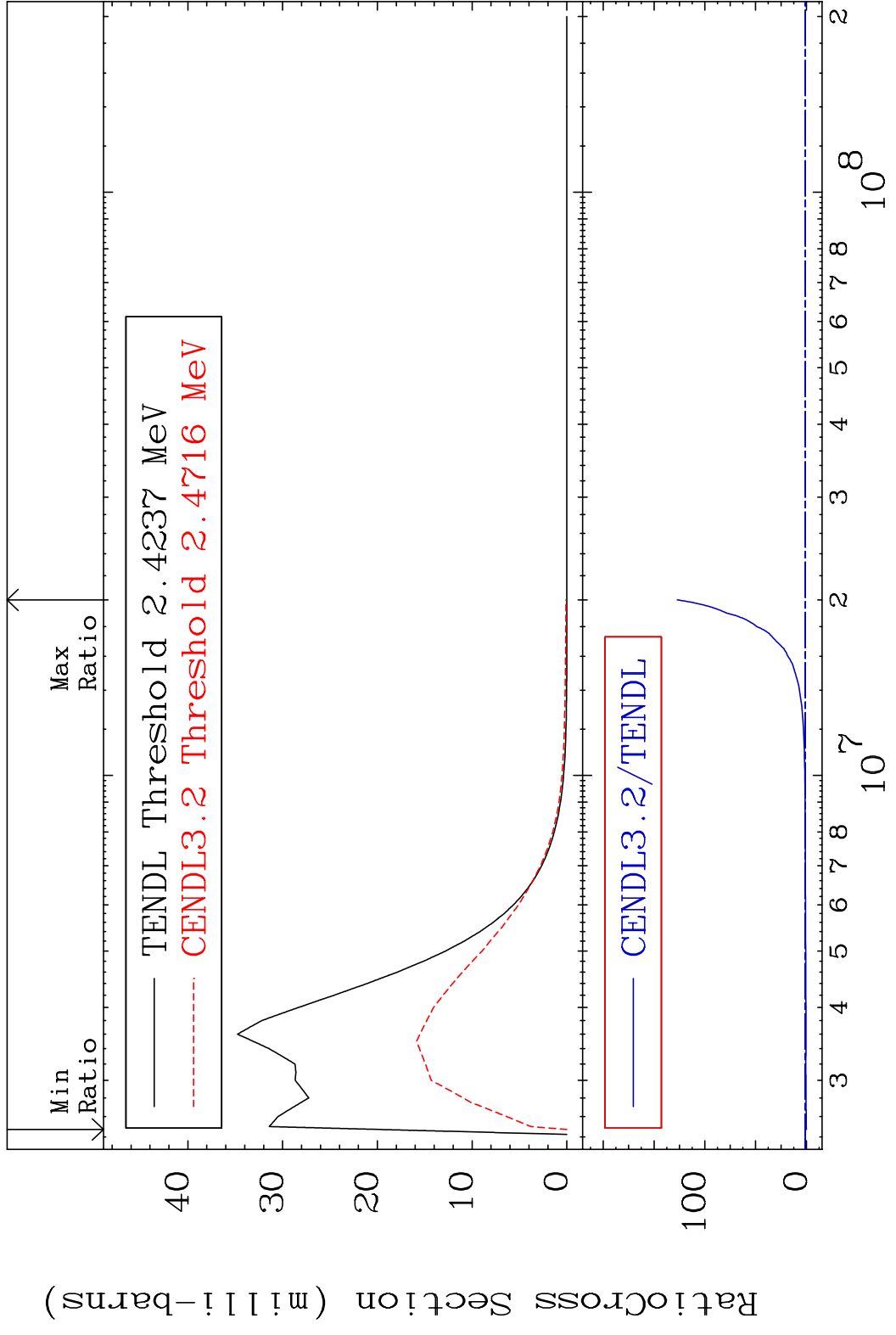


20 Incident Energy (eV) 25-Mn-55

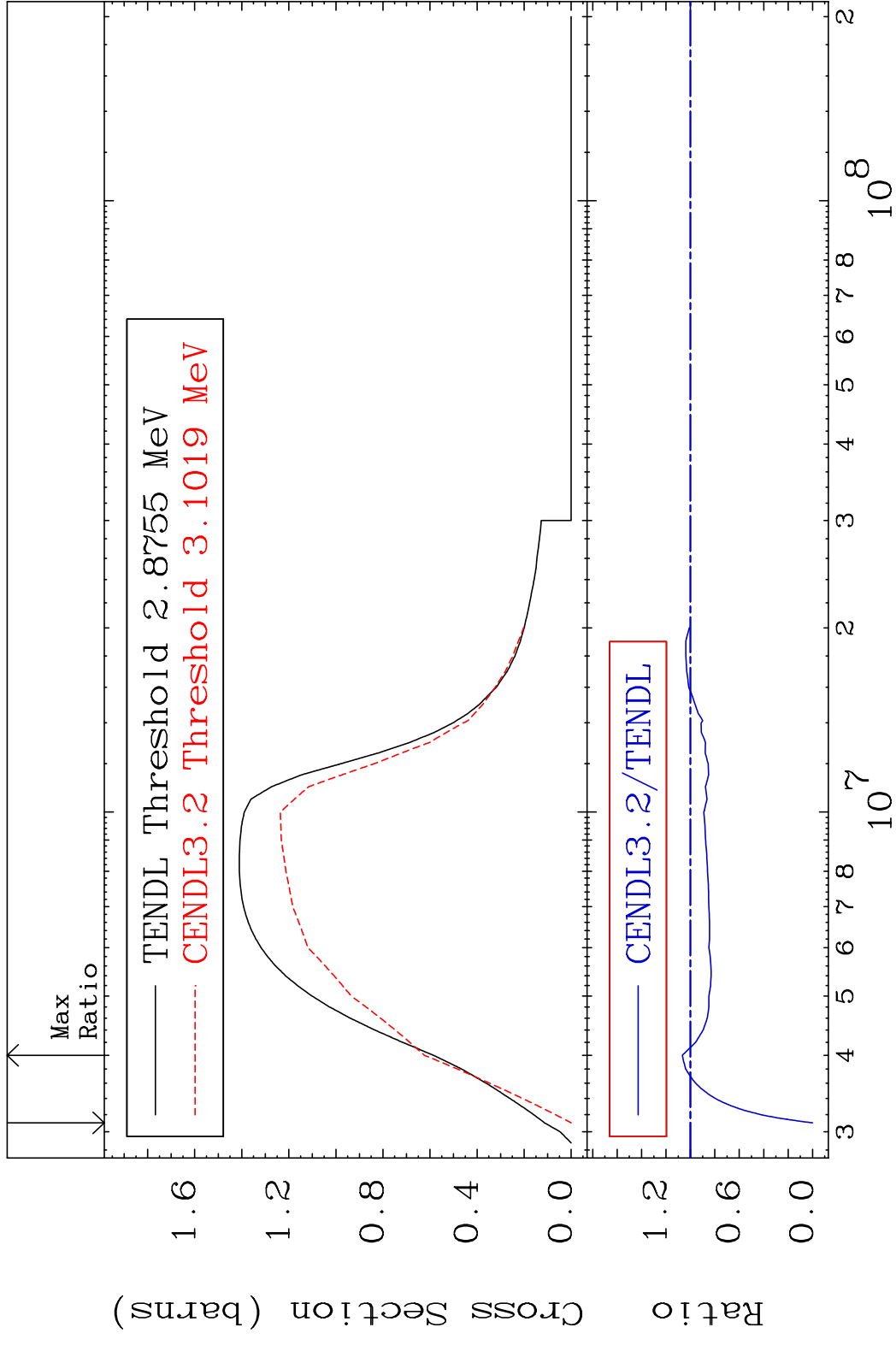
MAT 2525 MT= 65 (n, n') Level 25-Mn-55
 Cross Section -100.0 To 9999. %



MAT 2525 MT= 66 (n, n') Level 25-Mn-55
 Cross Section -100.0 To 9999. %



MAT 2525 (n, n') Continuum 25-Mn-55
 Cross Section -100.0 To 6.607 %

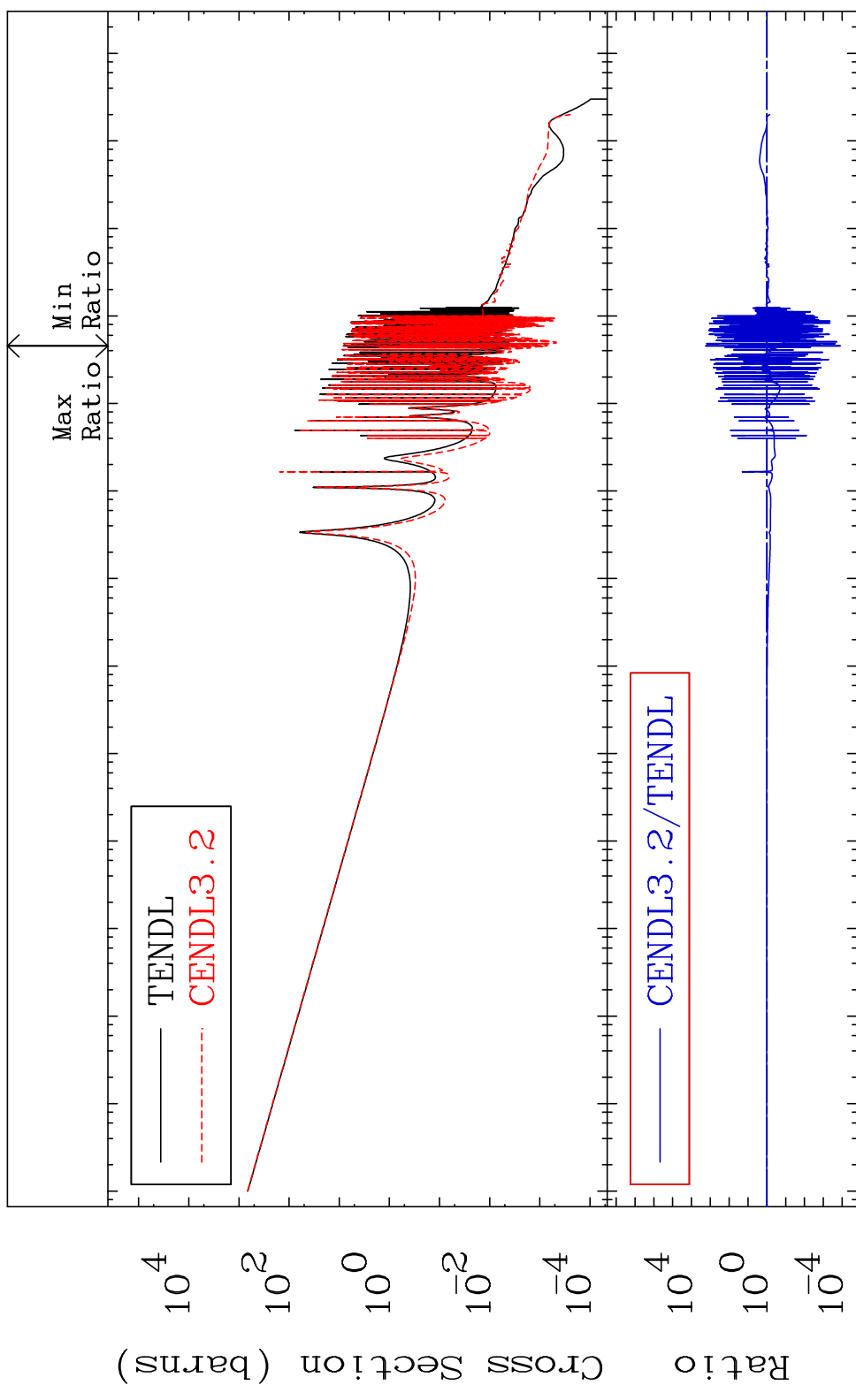


MAT 2525

(n, γ)

25-Mn-55

Cross Section -99.99 To 9999. %

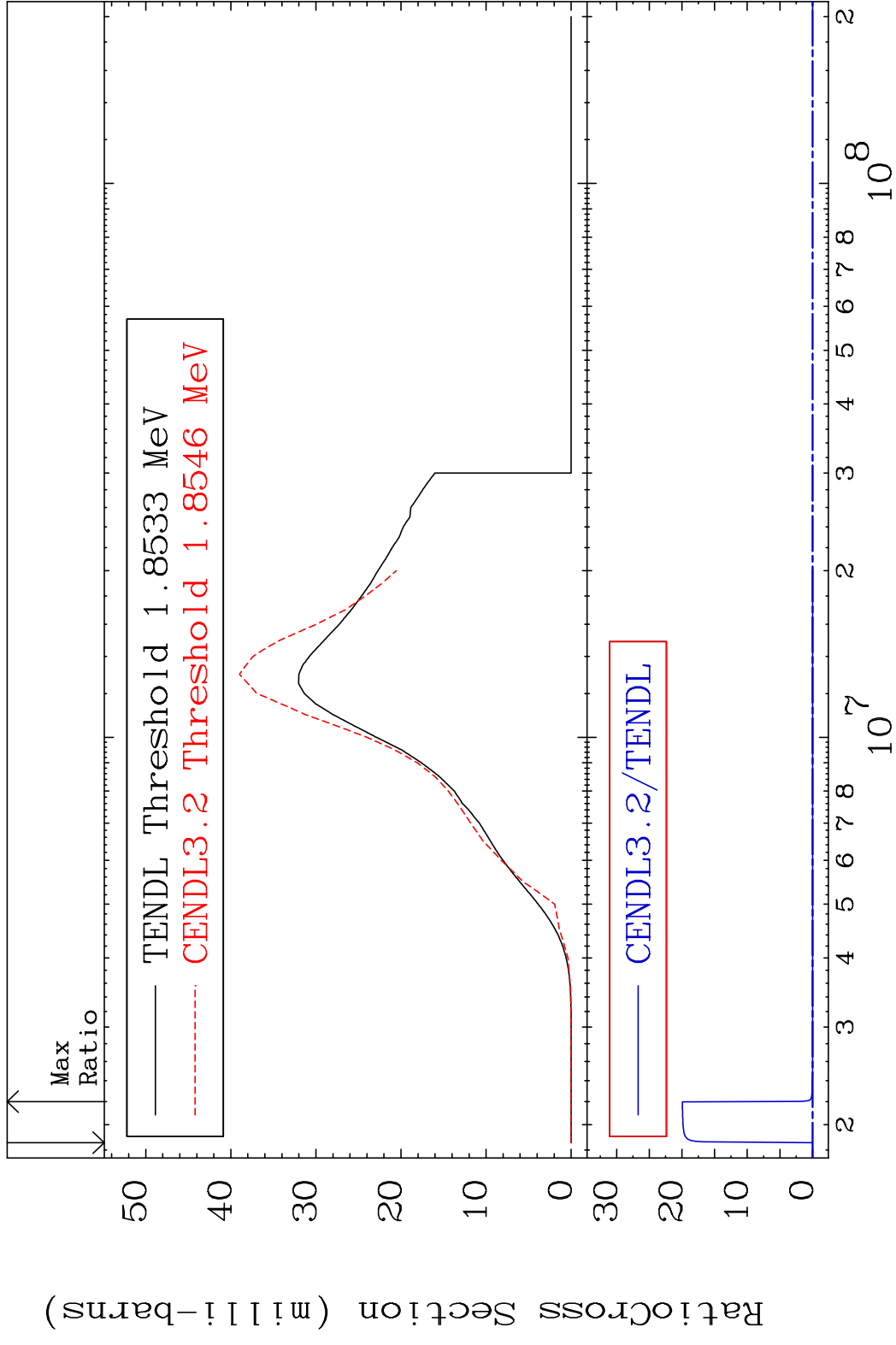


24

Incident Energy (eV)

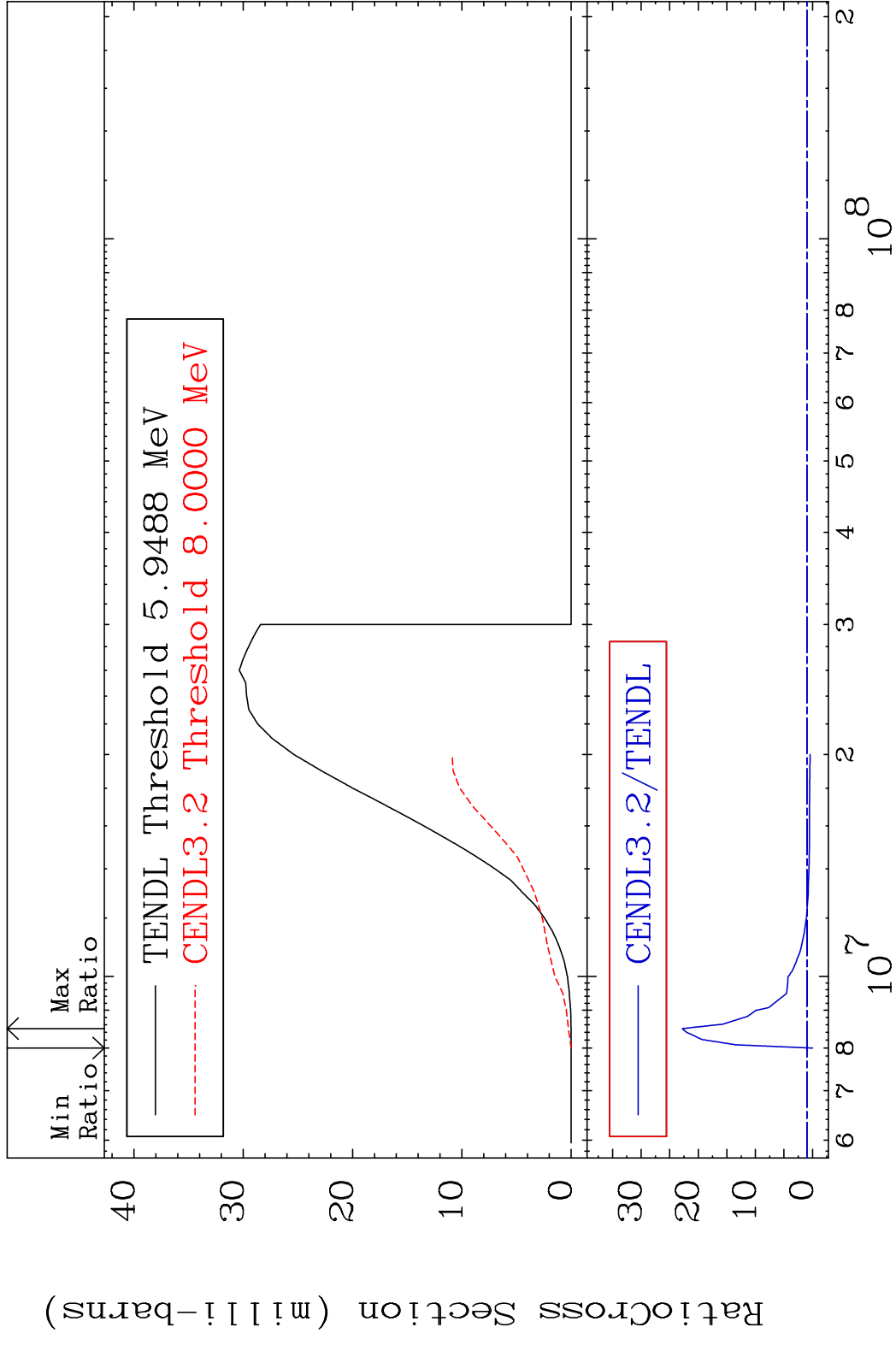
25-Mn-55

MAT 2525 (n,p) 25-Mn-55
 Cross Section -100.0 To 9999. %

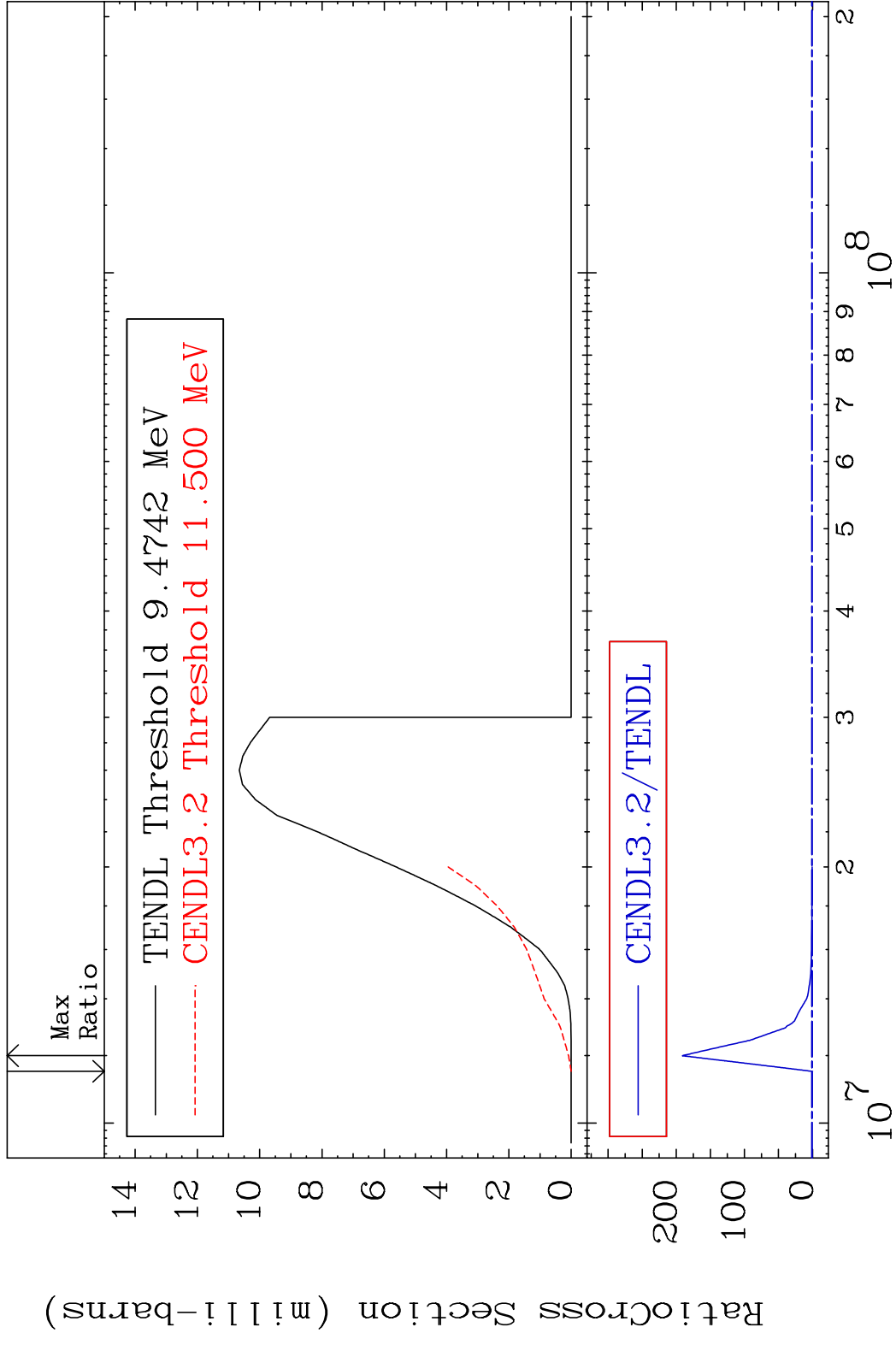


25 25-Mn-55

MAT 2525 (n,d) 25-Mn-55
 Cross Section -100.0 To 2179. %



MAT 2525 (n, t) 25-Mn-55
 Cross Section -100.0 To 9999. %



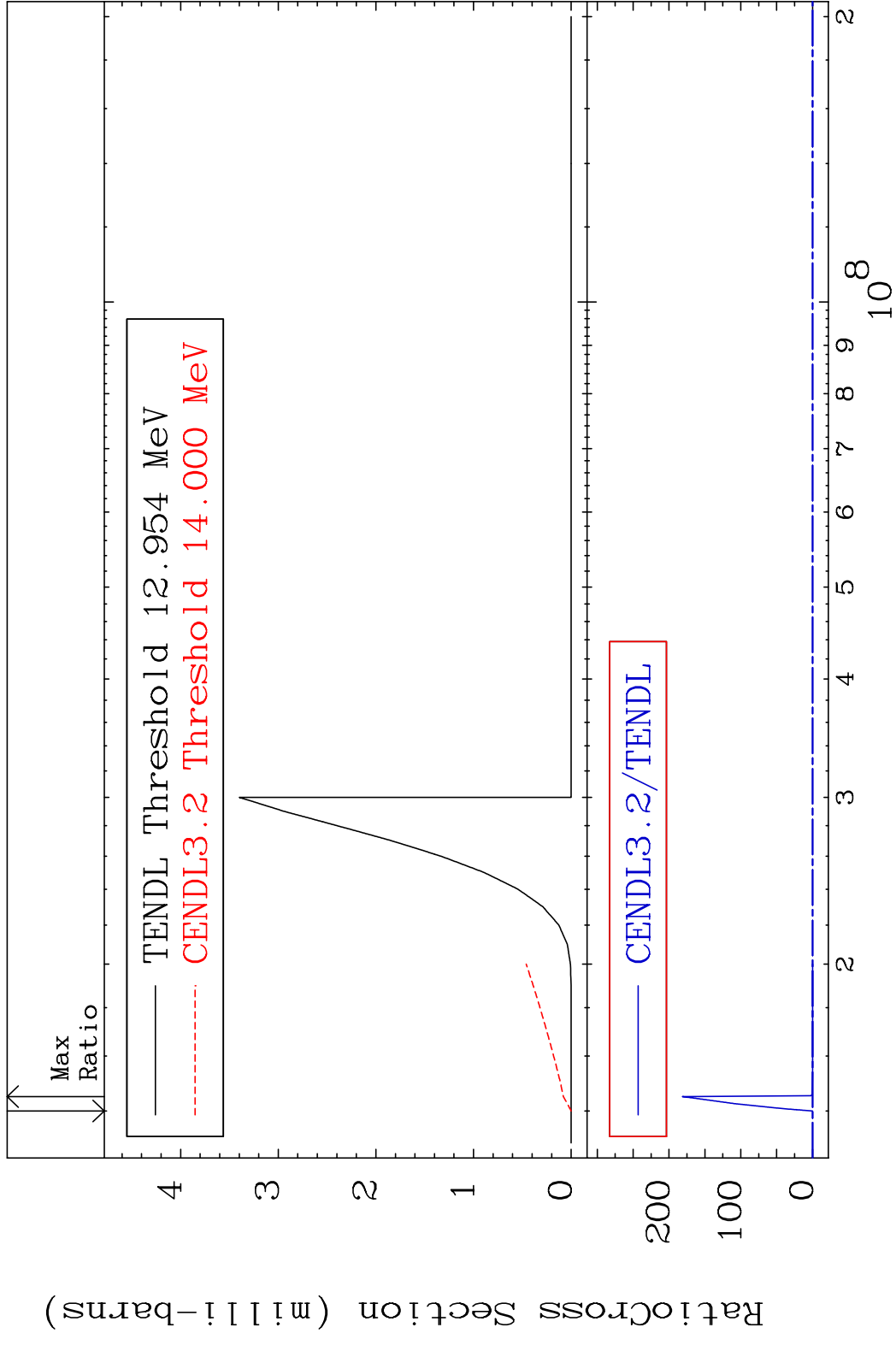
27 25-Mn-55

MAT 2525

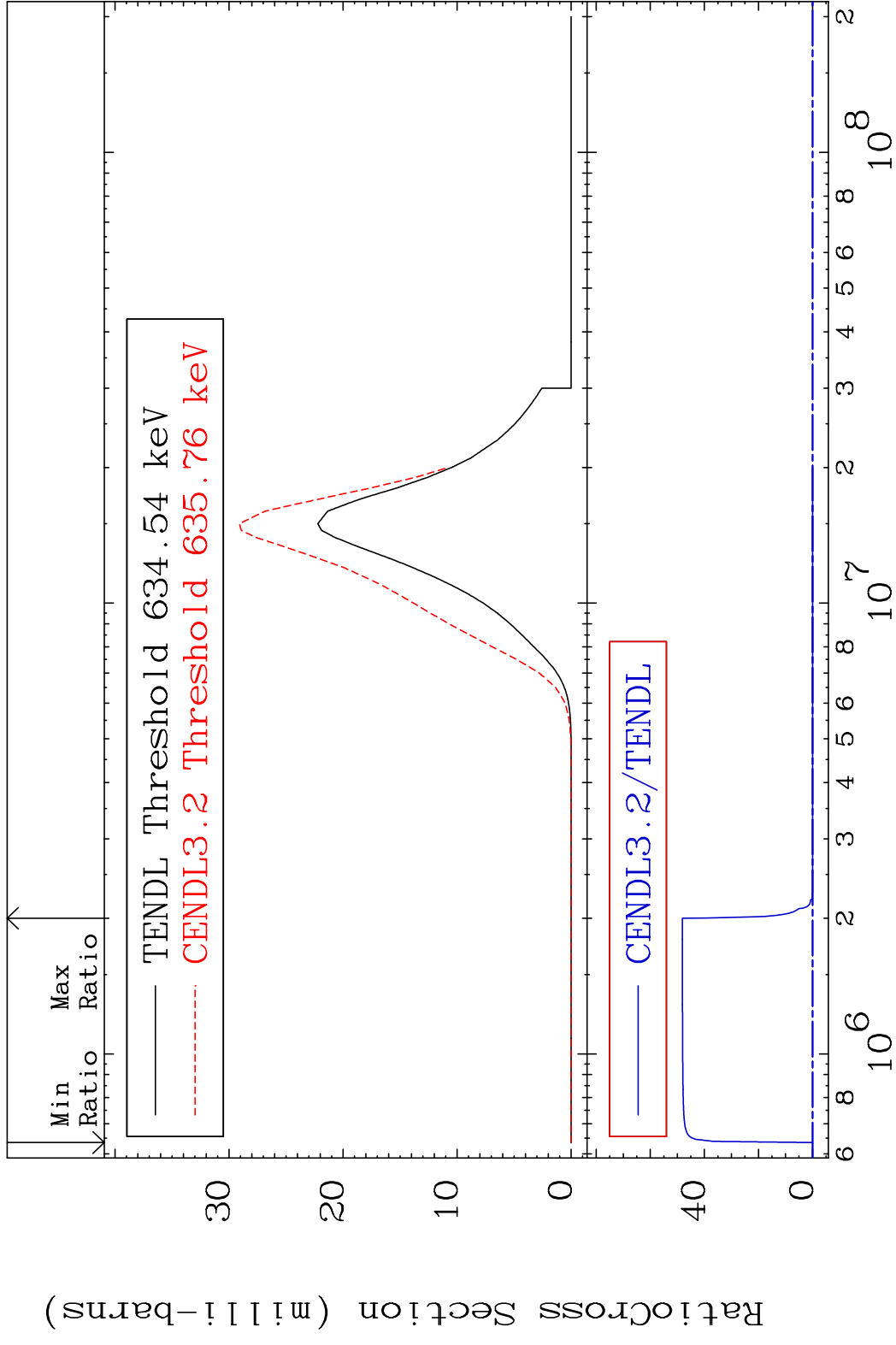
(n, He-3)

25-Mn-55

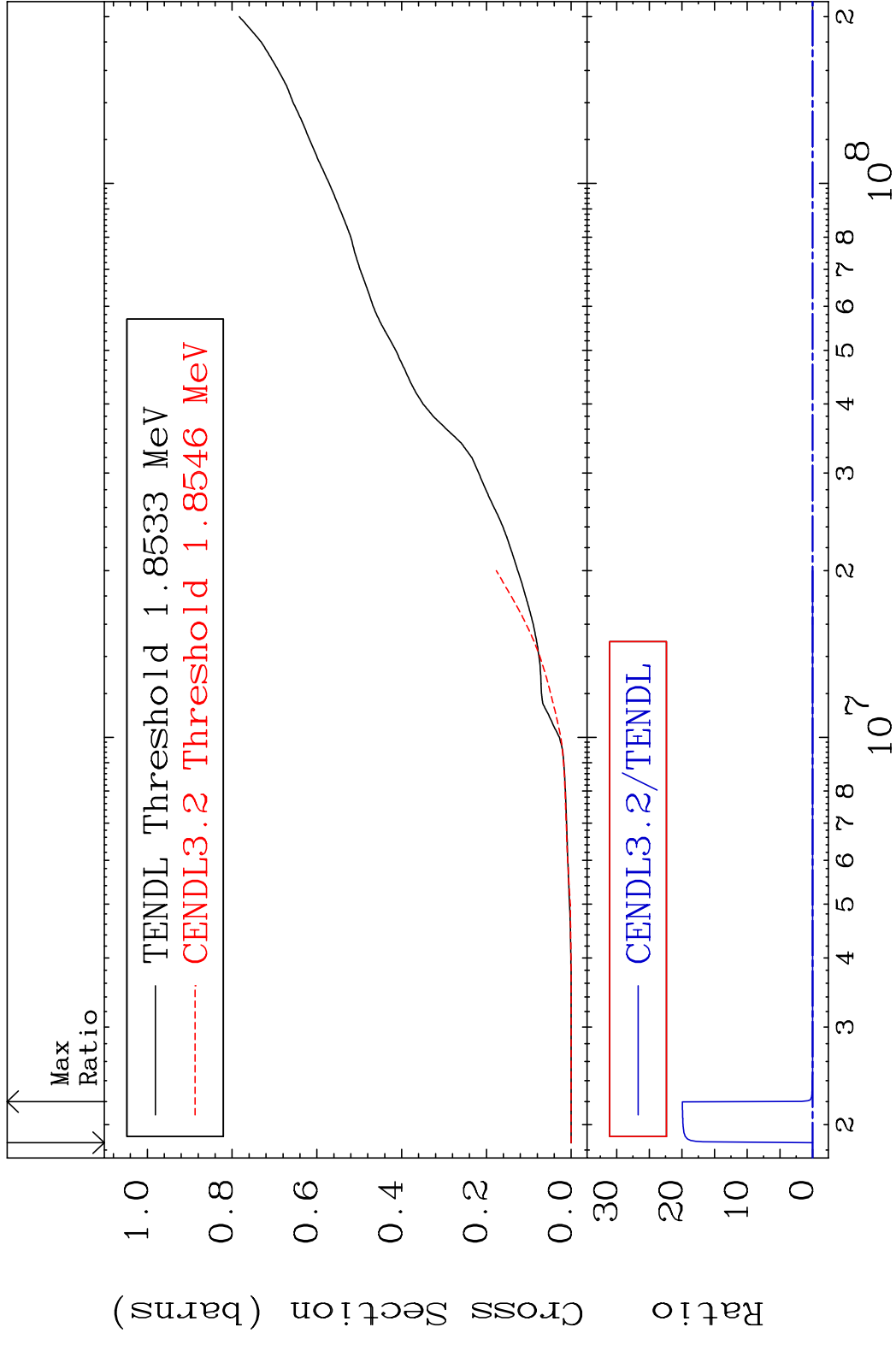
Cross Section -100.0 To 9999. %



MAT 2525 (n, α) 25-Mn-55
 Cross Section -100.0 To 9999. %

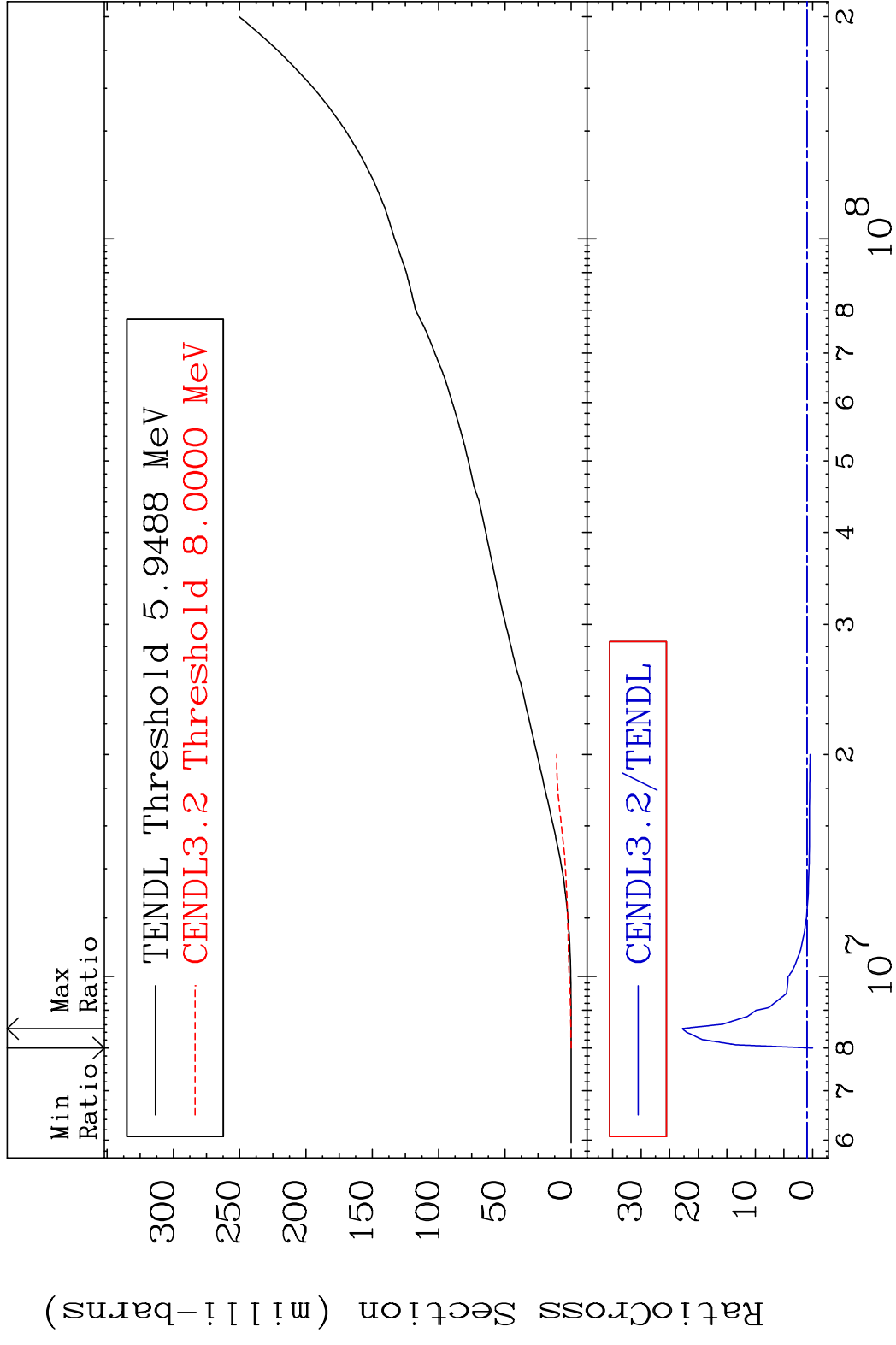


MAT 2525 Hydrogen Production 25-Mn-55
 Cross Section -100.0 To 9999. %

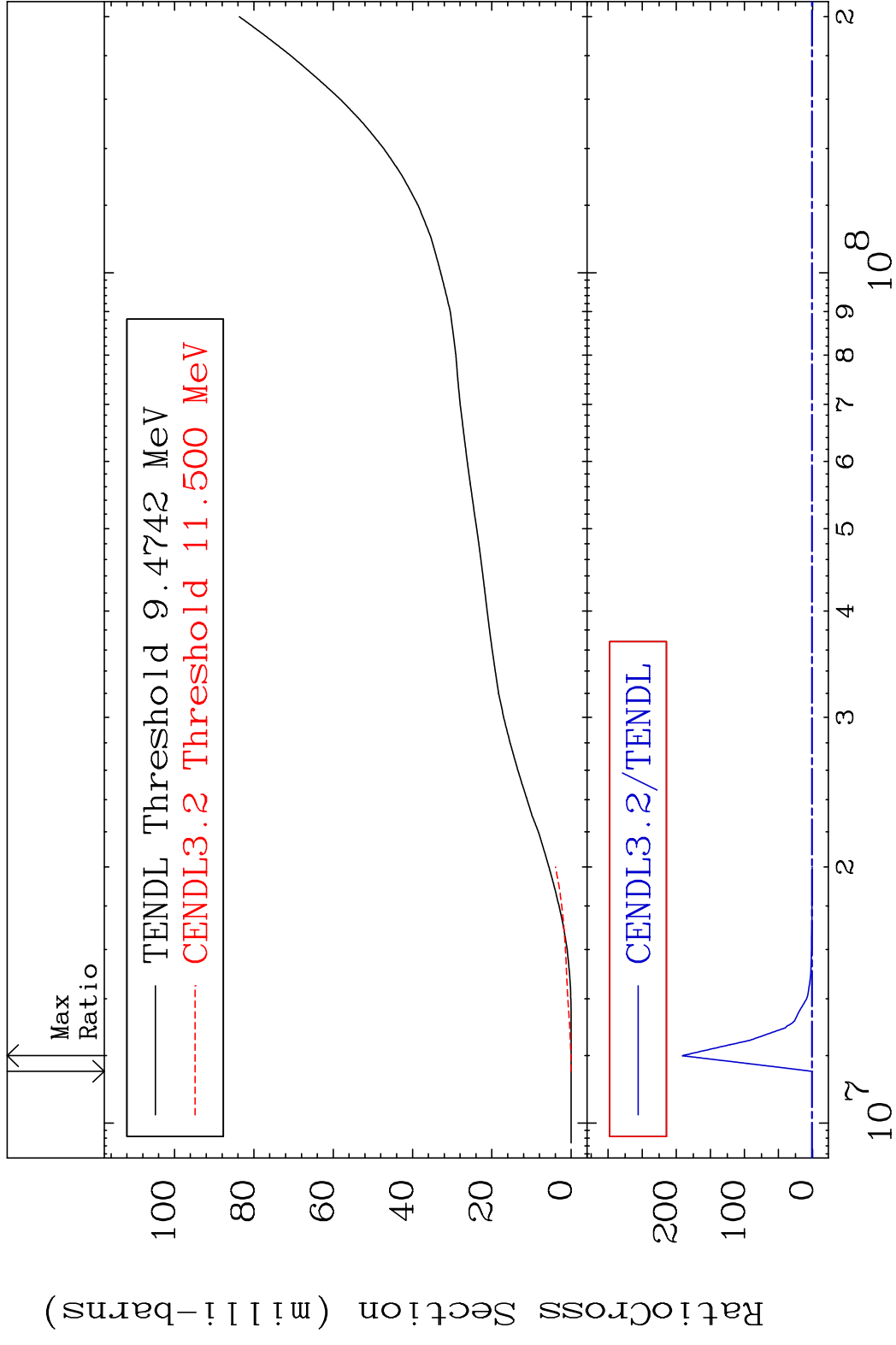


30 Incident Energy (eV) 25-Mn-55

MAT 2525 Deuterium Production 25-Mn-55
 Cross Section -100.0 To 2179. %

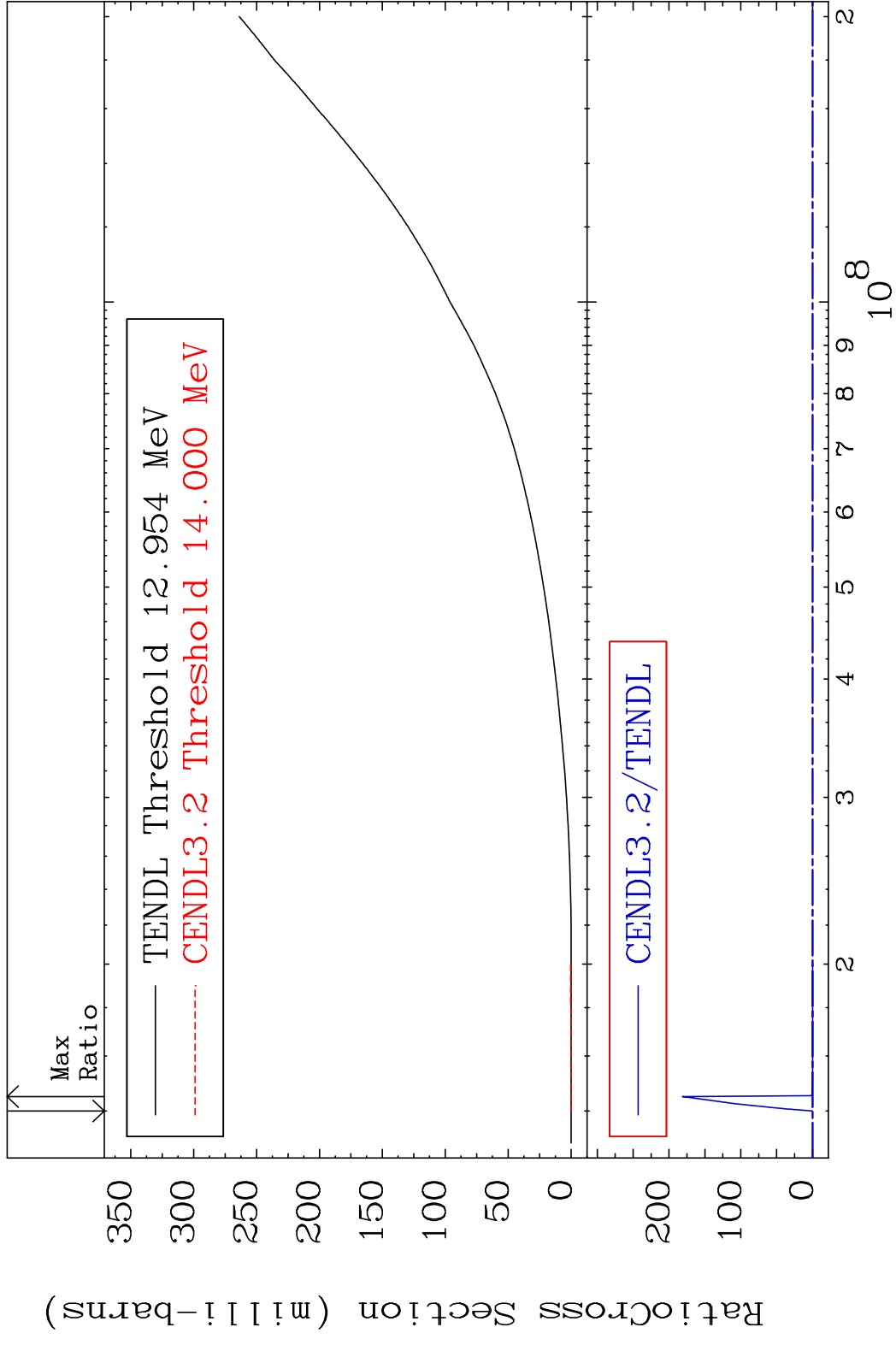


MAT 2525 Tritium Production 25-Mn-55
Cross Section -100.0 To 9999. %

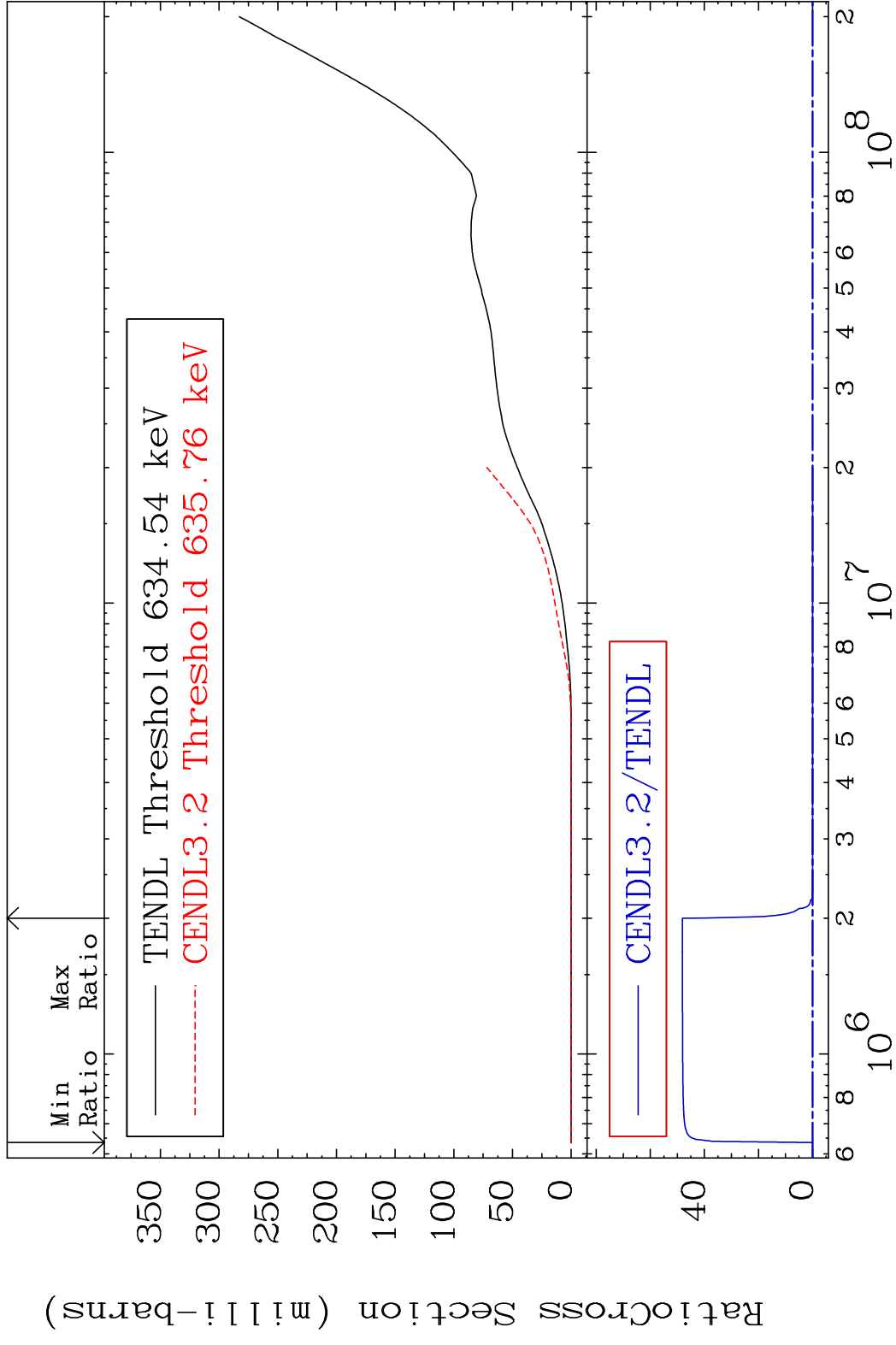


32 Incident Energy (eV) 25-Mn-55

MAT 2525 He-3 Production 25-Mn-55
 Cross Section -100.0 To 9999. %

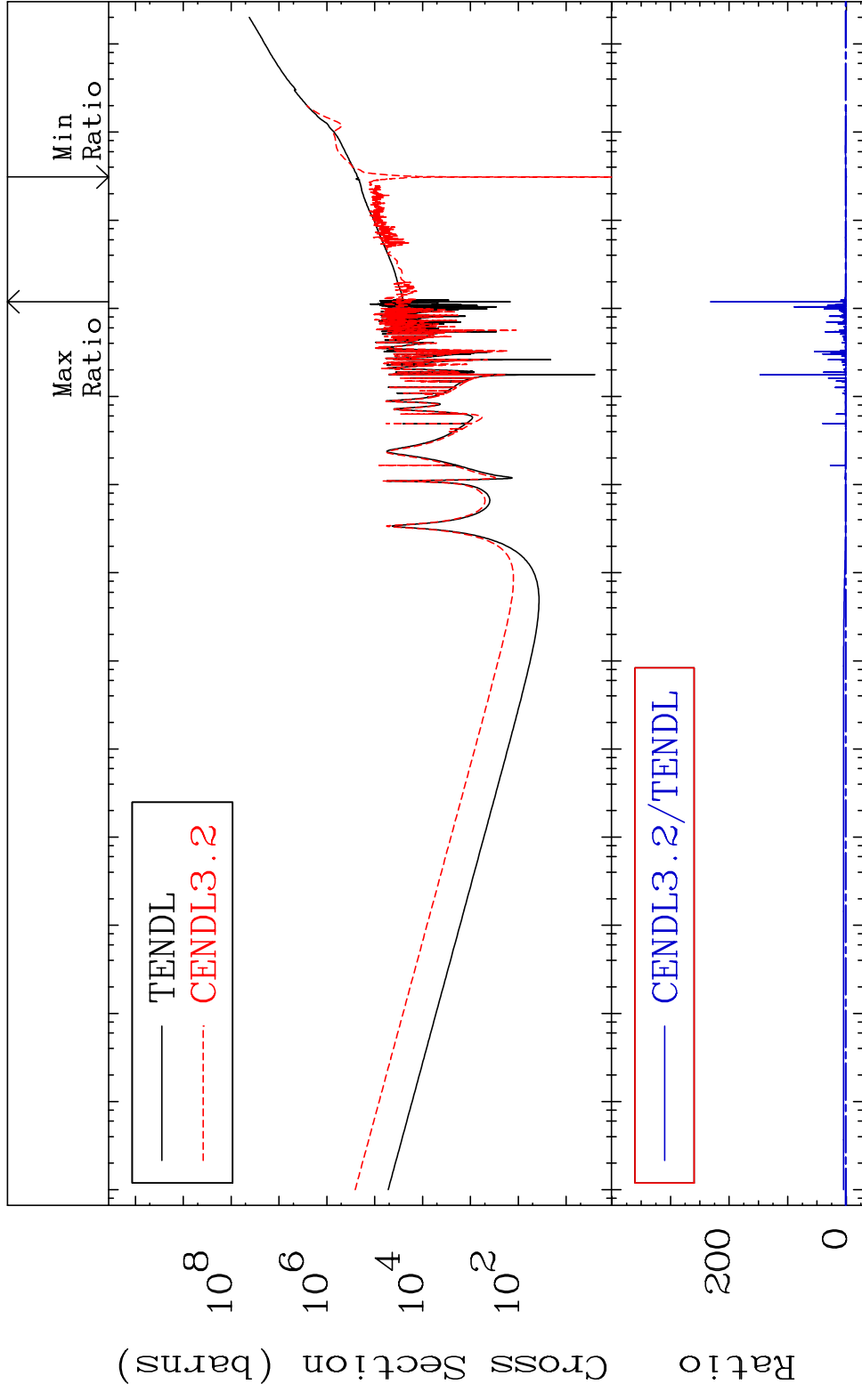


MAT 2525 He-4 Production 25-Mn-55
 Cross Section -100.0 To 9999. %



34 Incident Energy (eV) 25-Mn-55

MAT 2525 Kerma total (eV-barns) 25-Mn-55
 Cross Section -101.0 To 9999. %

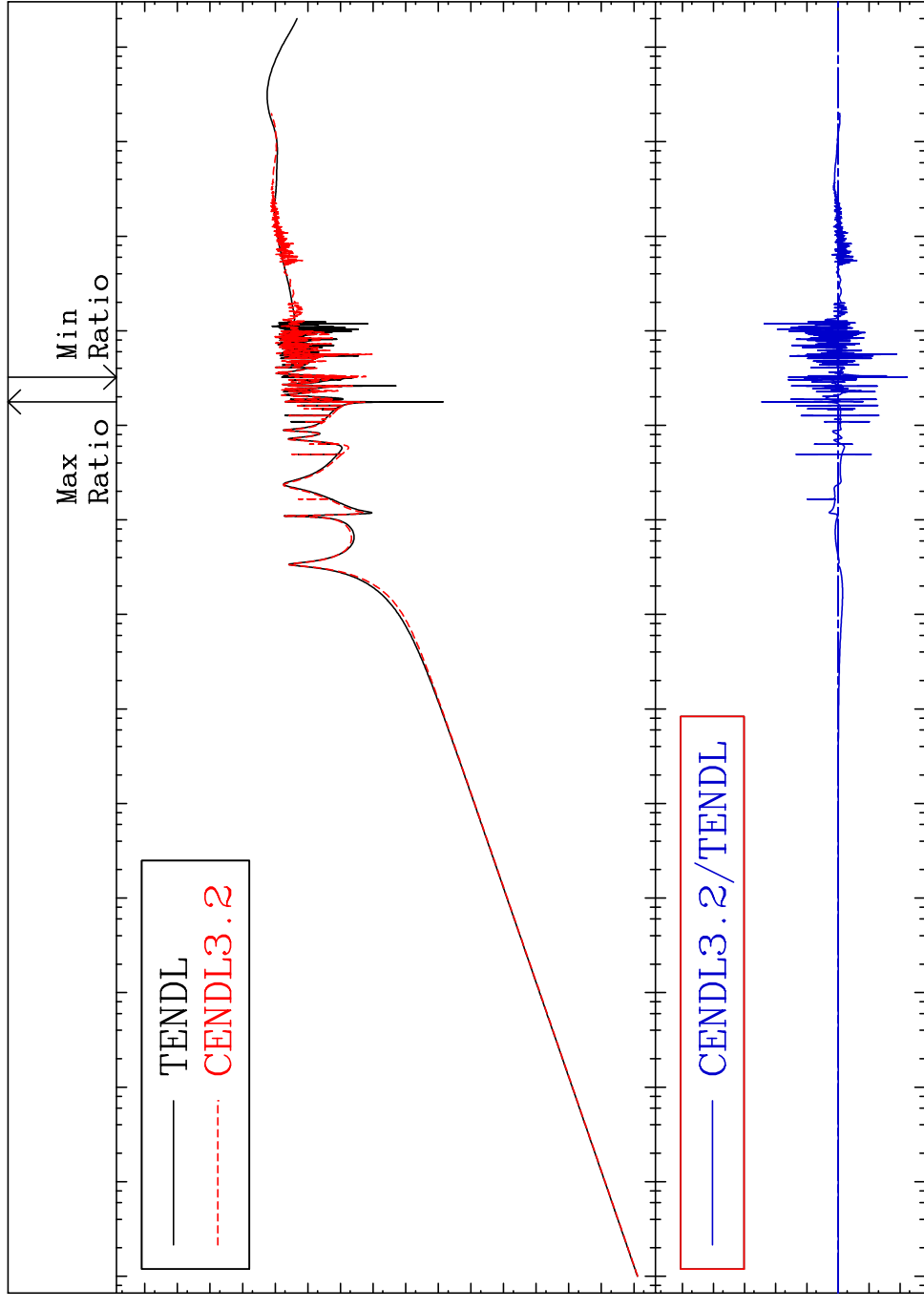


35 Incident Energy (eV) 25-Mn-55

MAT 2525

Kerma elastic
Cross Section

25-Mn-55
-99.41 To 9999. %

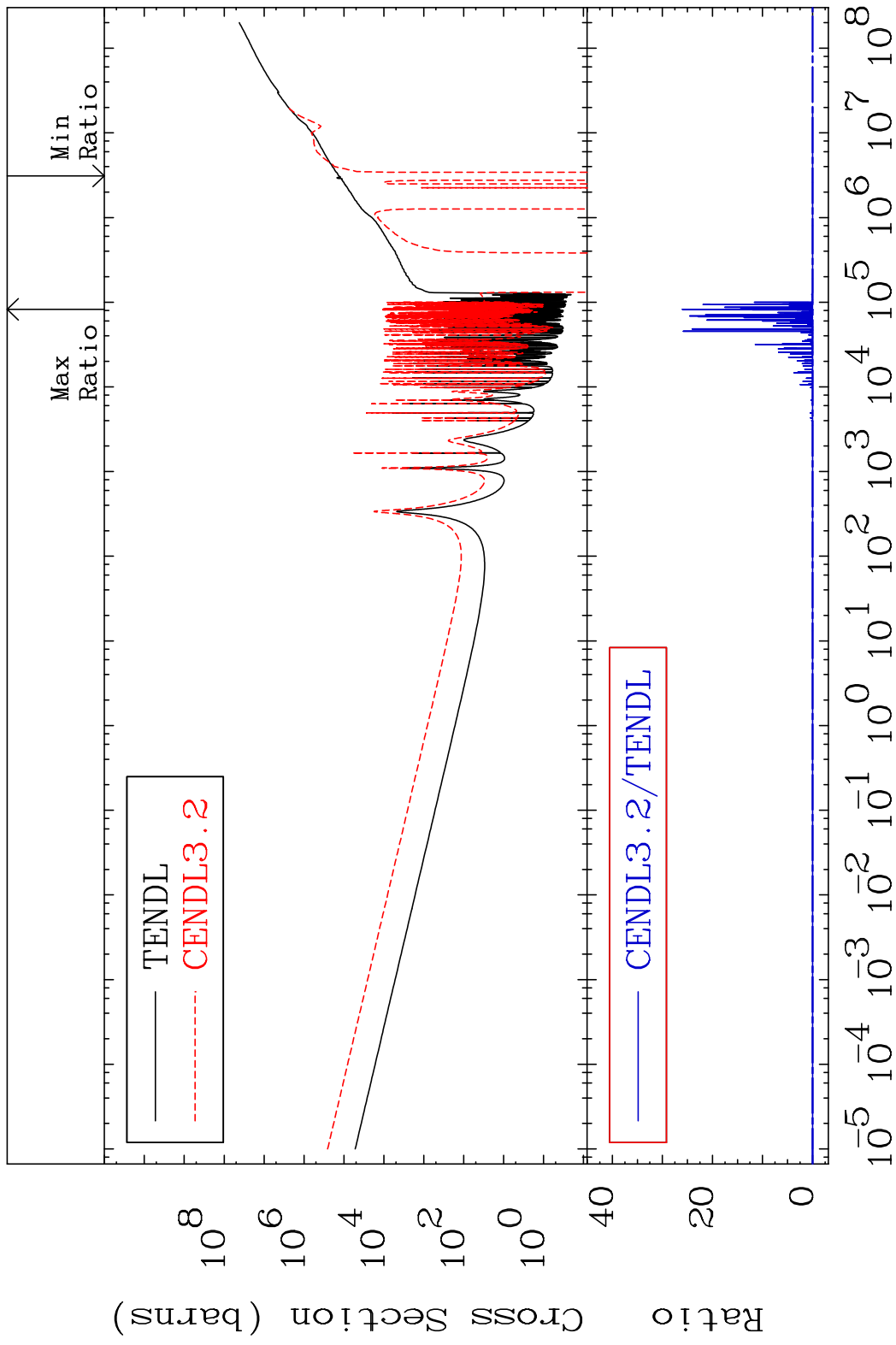


Incident Energy (eV)

36

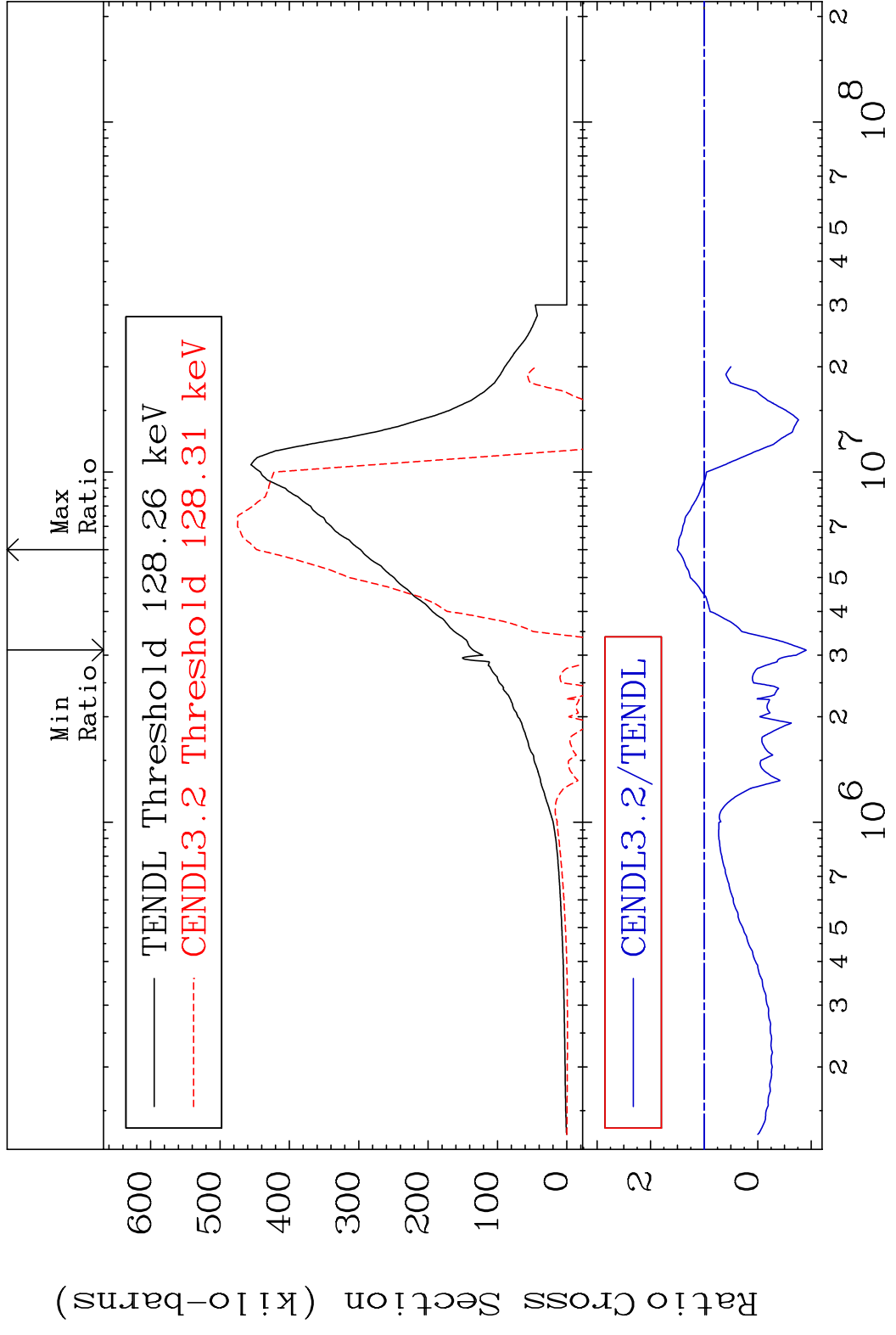
25-Mn-55

MAT 2525 Kerma non-elastic (all but mt2) 25-Mn-55
 Cross Section -190.8 To 9999. %

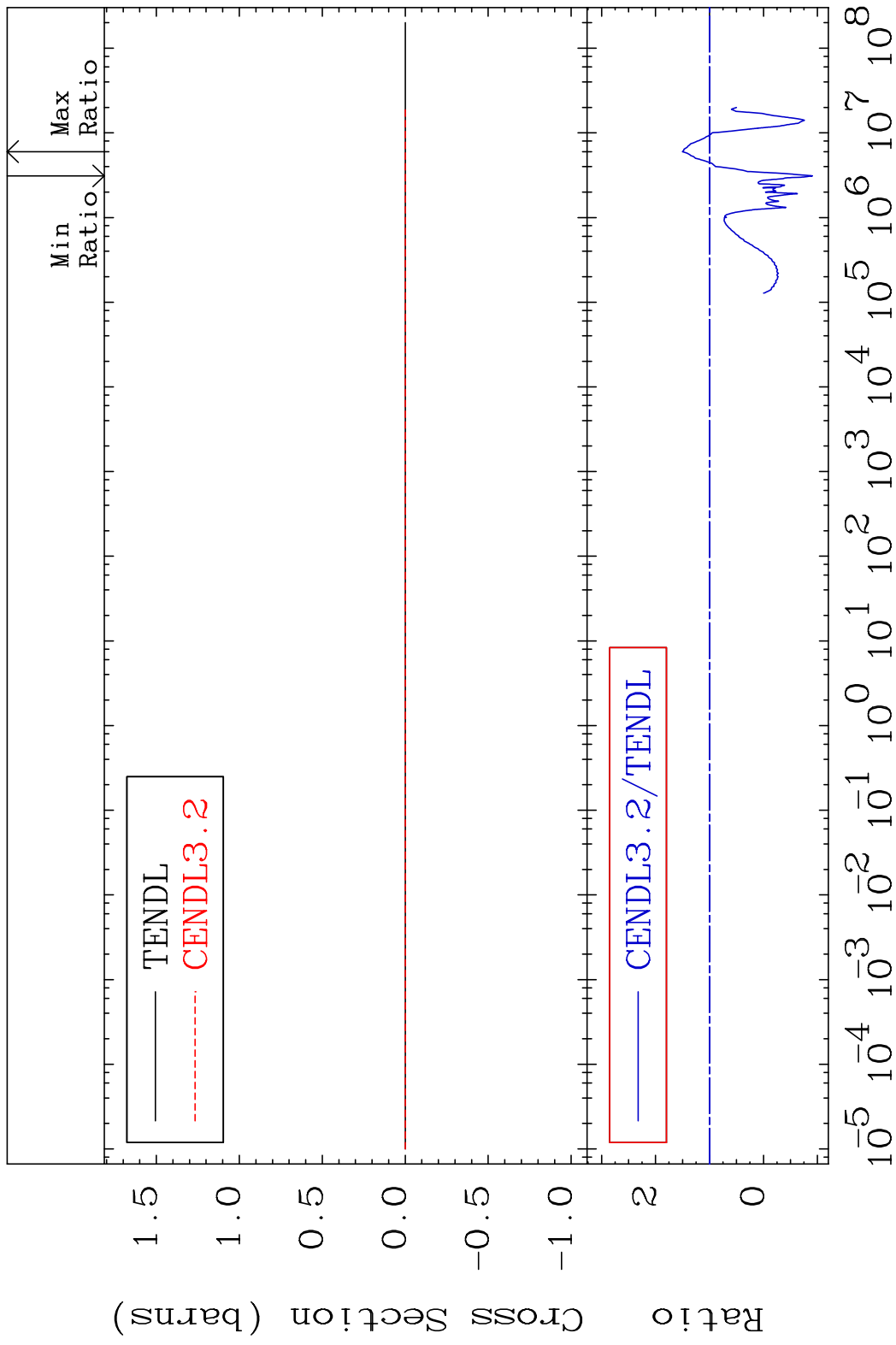


37 Incident Energy (eV) 25-Mn-55

MAT 2525 Kerma inelastic (mt51-91) 25-Mn-55
 Cross Section -190.9 To 50.33 %

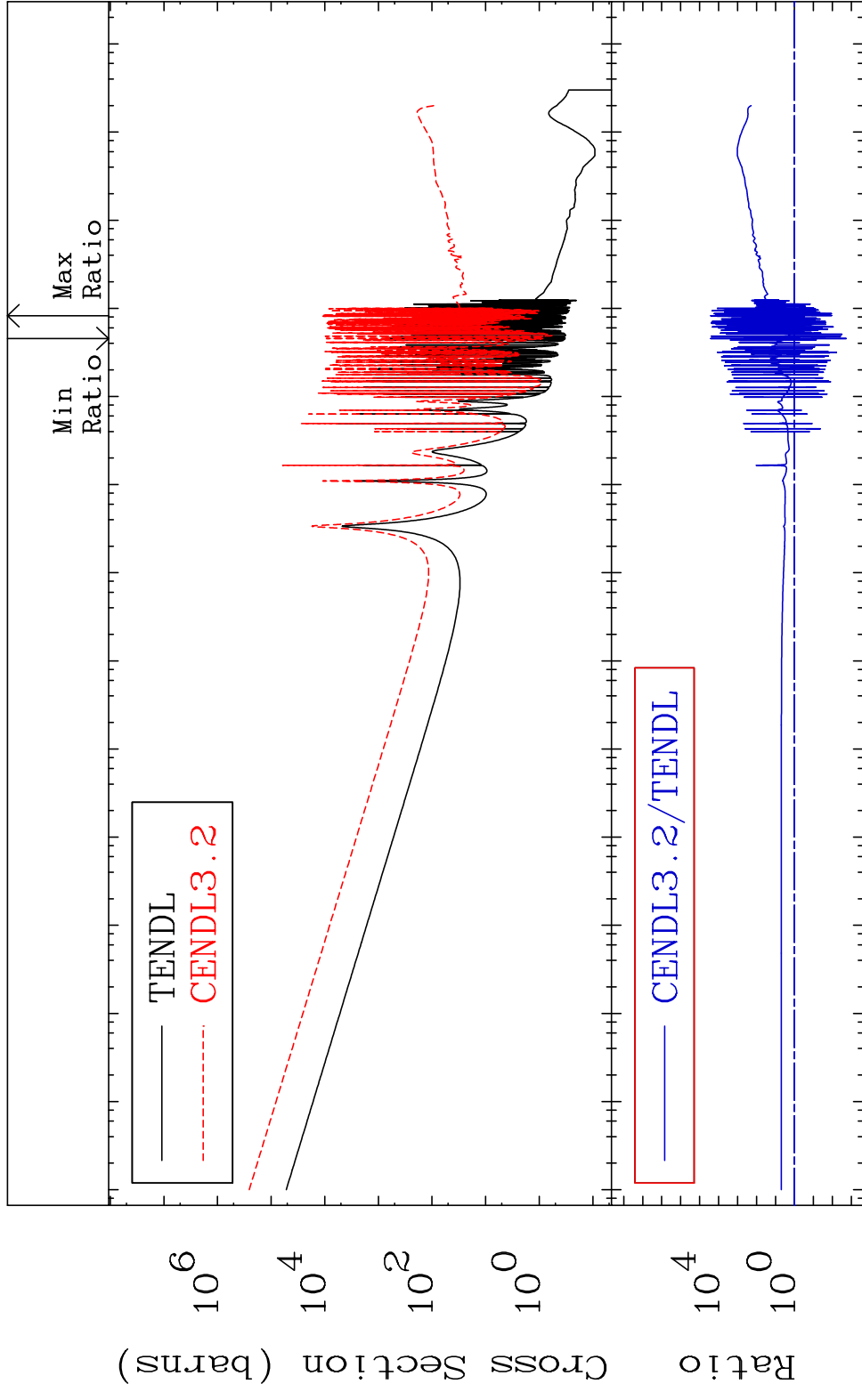


MAT 2525 Kerma fission (mt18 or mt19-20-21-38) 25-Mn-55
 Cross Section -190.9 To 50.33 %



MAT 2525

Kerma capture (mt102) 25-Mn-55
Cross Section -99.82 To 9999. %

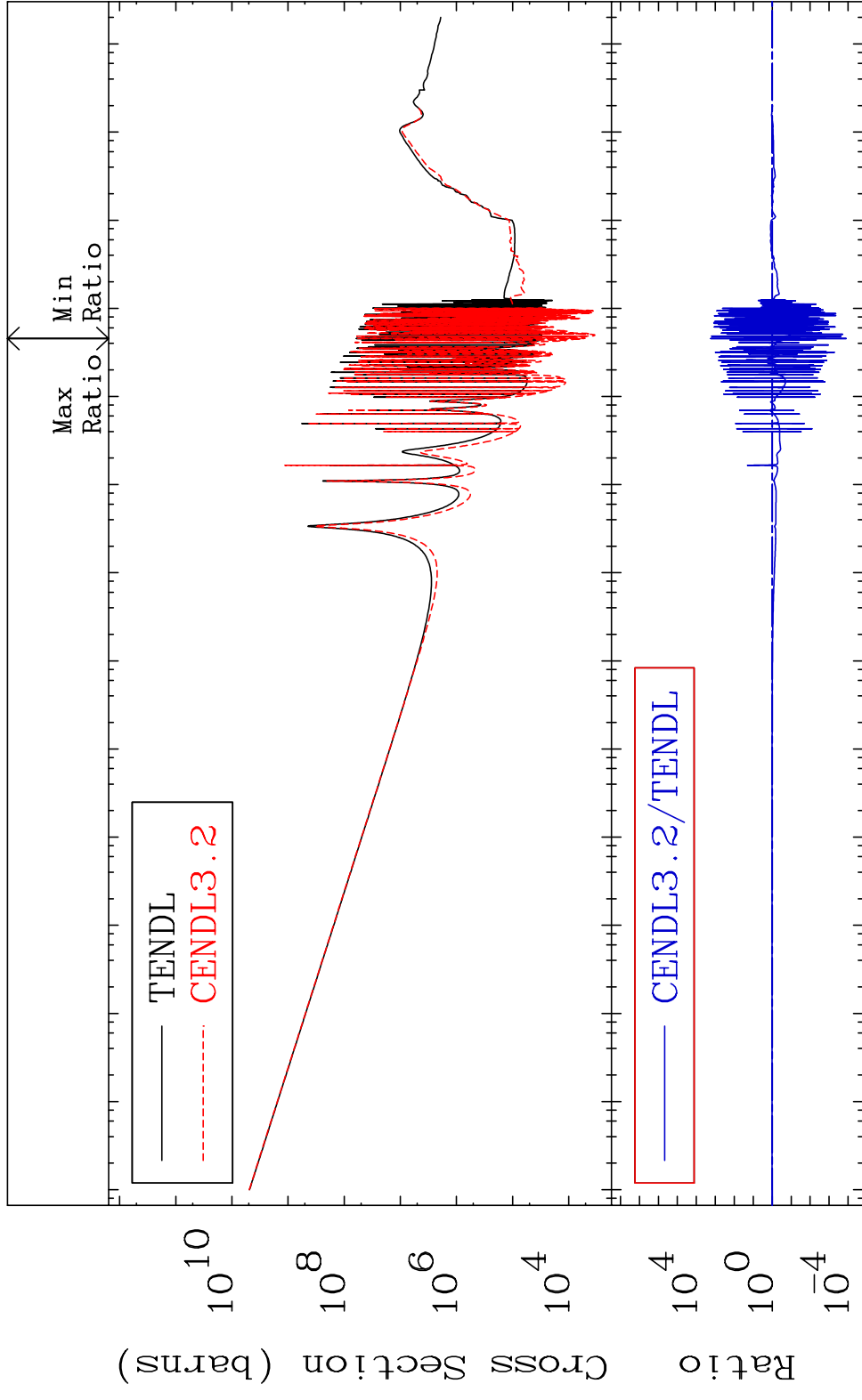


40

Incident Energy (eV)

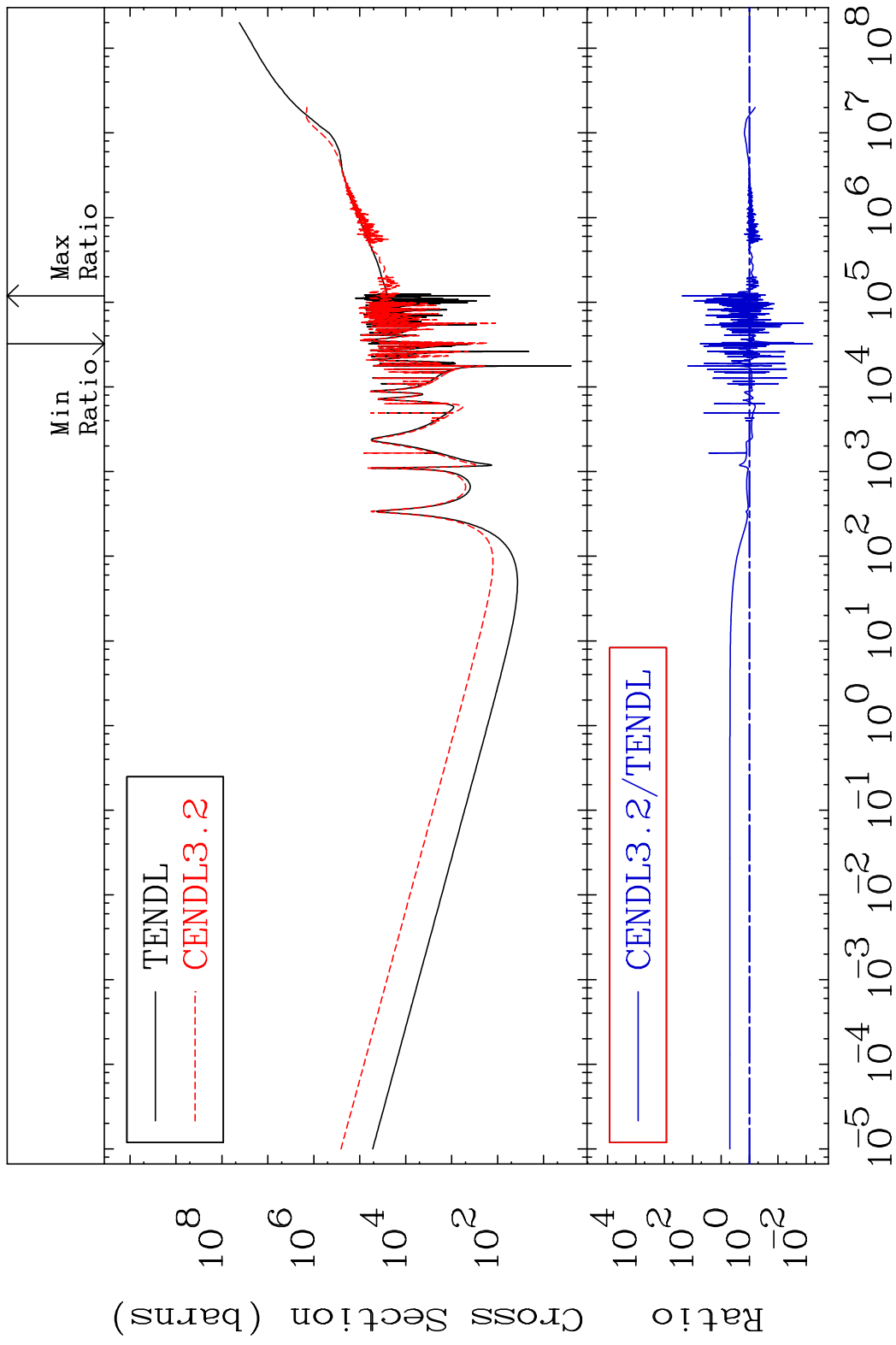
25-Mn-55

MAT 2525 Total photon (eV-barns) 25-Mn-55
 Cross Section -99.99 To 9999. %

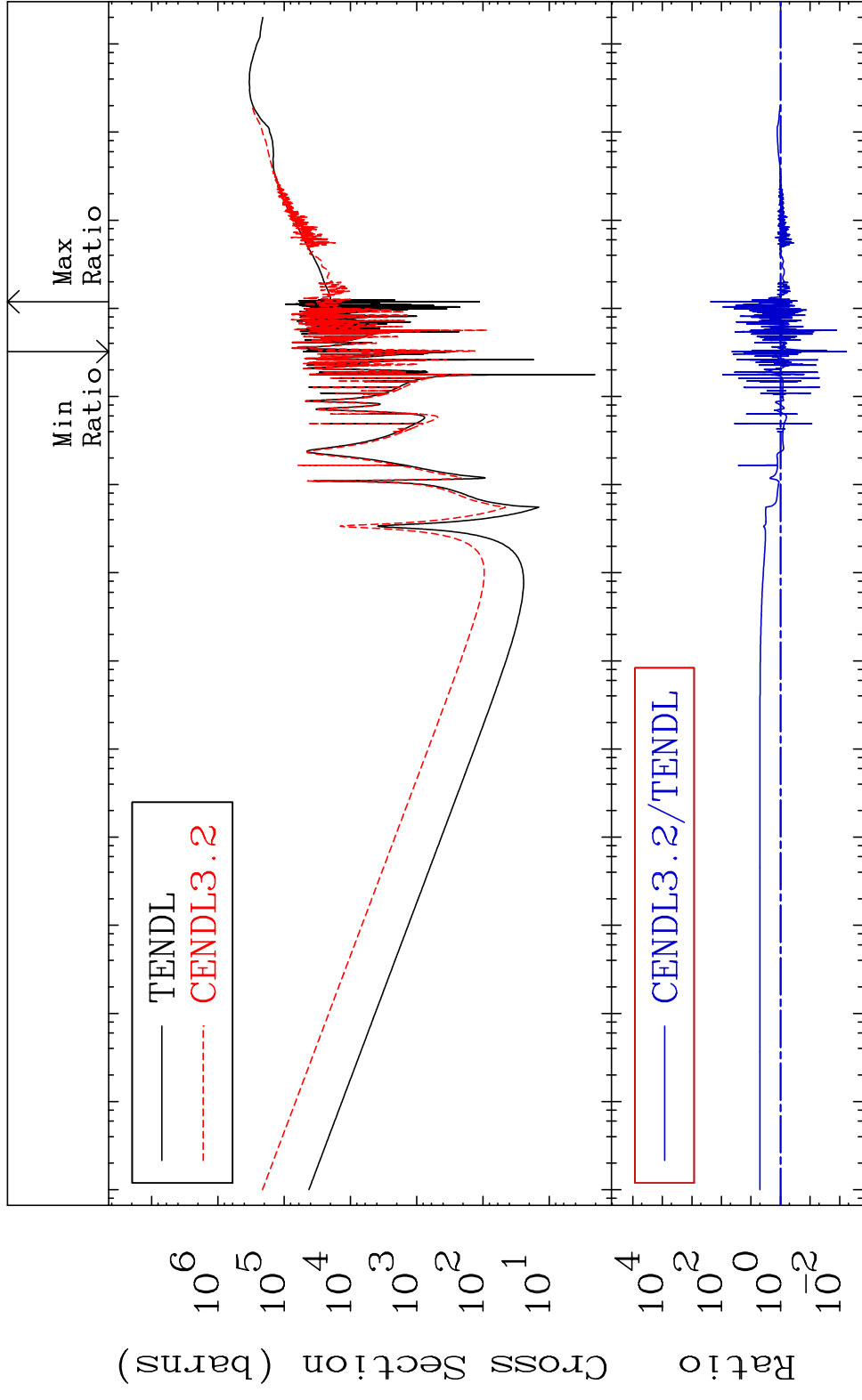


41 Incident Energy (eV) 25-Mn-55

MAT 2525 Total kinematic kerma (high limit) 25-Mn-55
Cross Section -99.40 To 9999. %



MAT 2525 Dpa total (eV-barns) 25-Mn-55
 Cross Section -99.41 To 9999. %



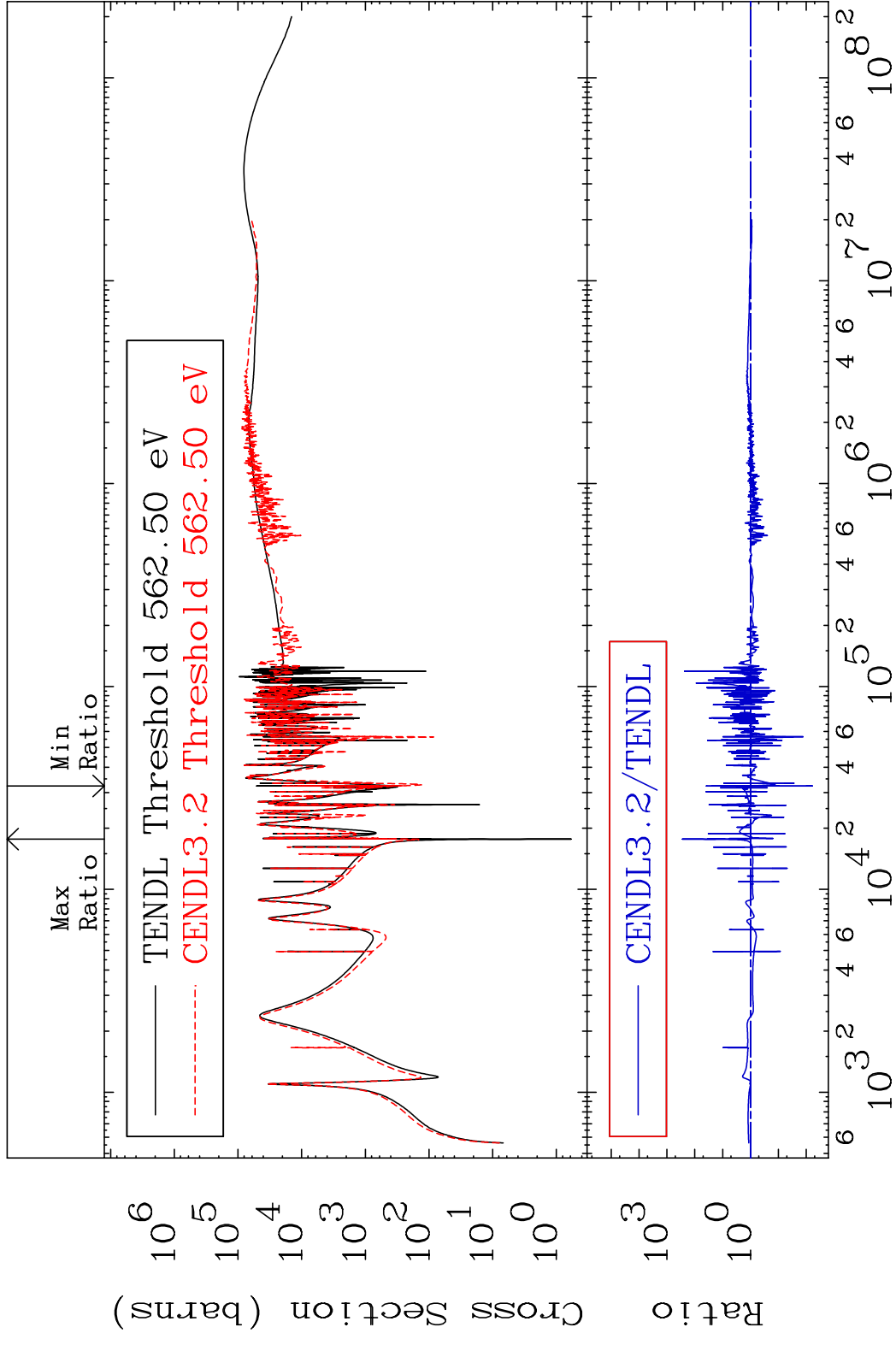
43 Incident Energy (eV) 25-Mn-55

MAT 2525

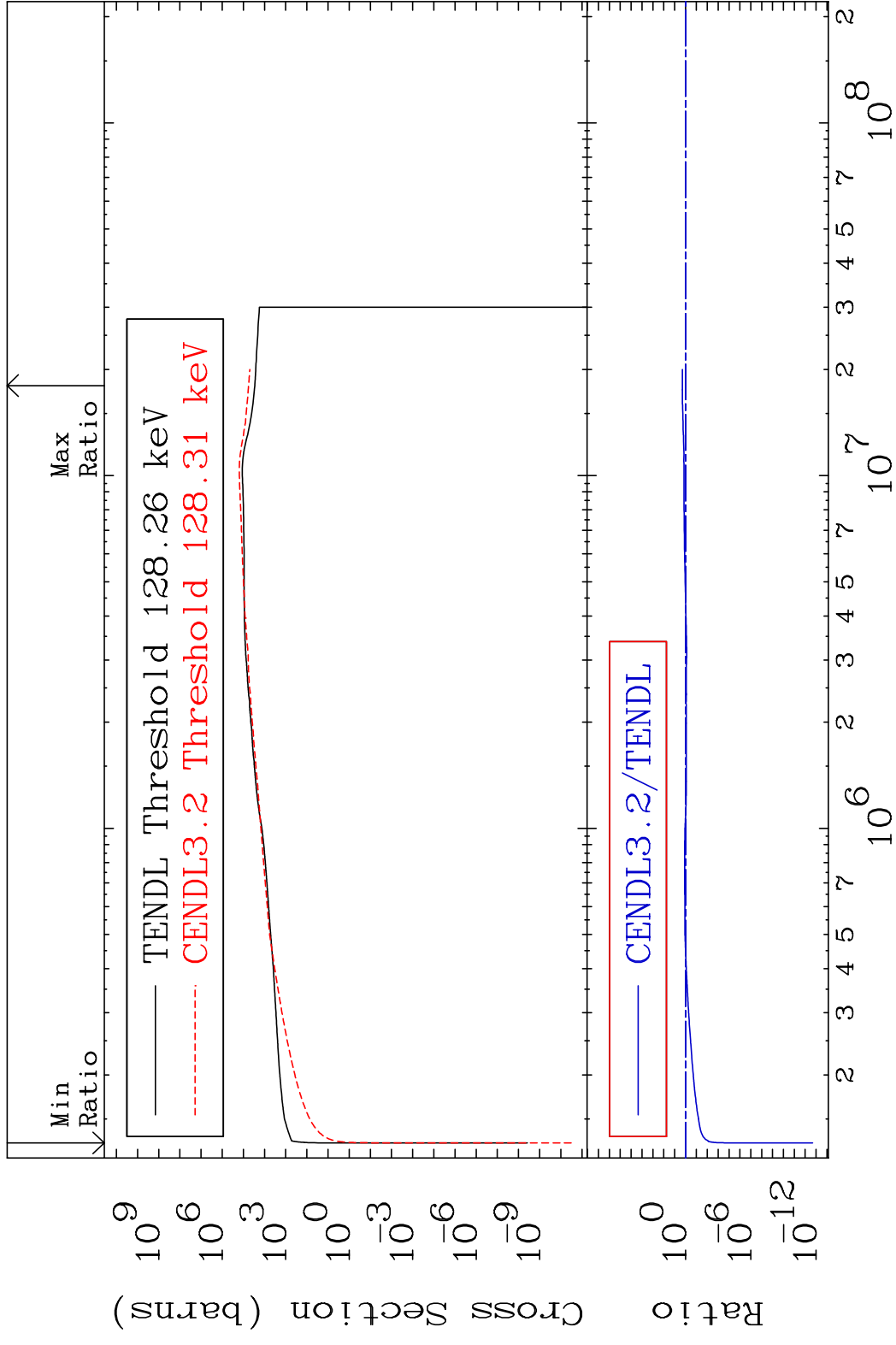
Dpa elastic (mt2)

25-Mn-55

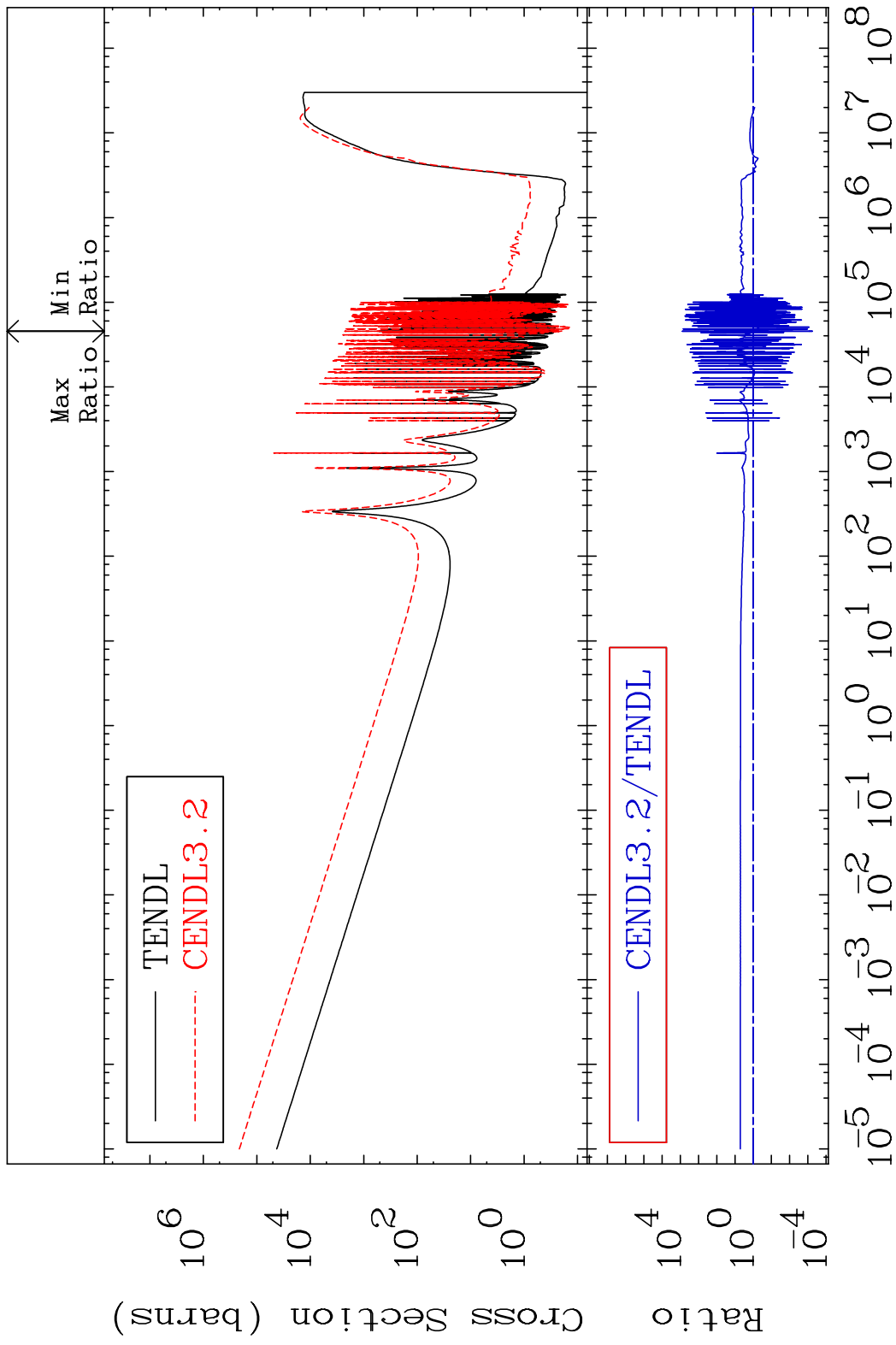
Cross Section -99.41 To 9999. %



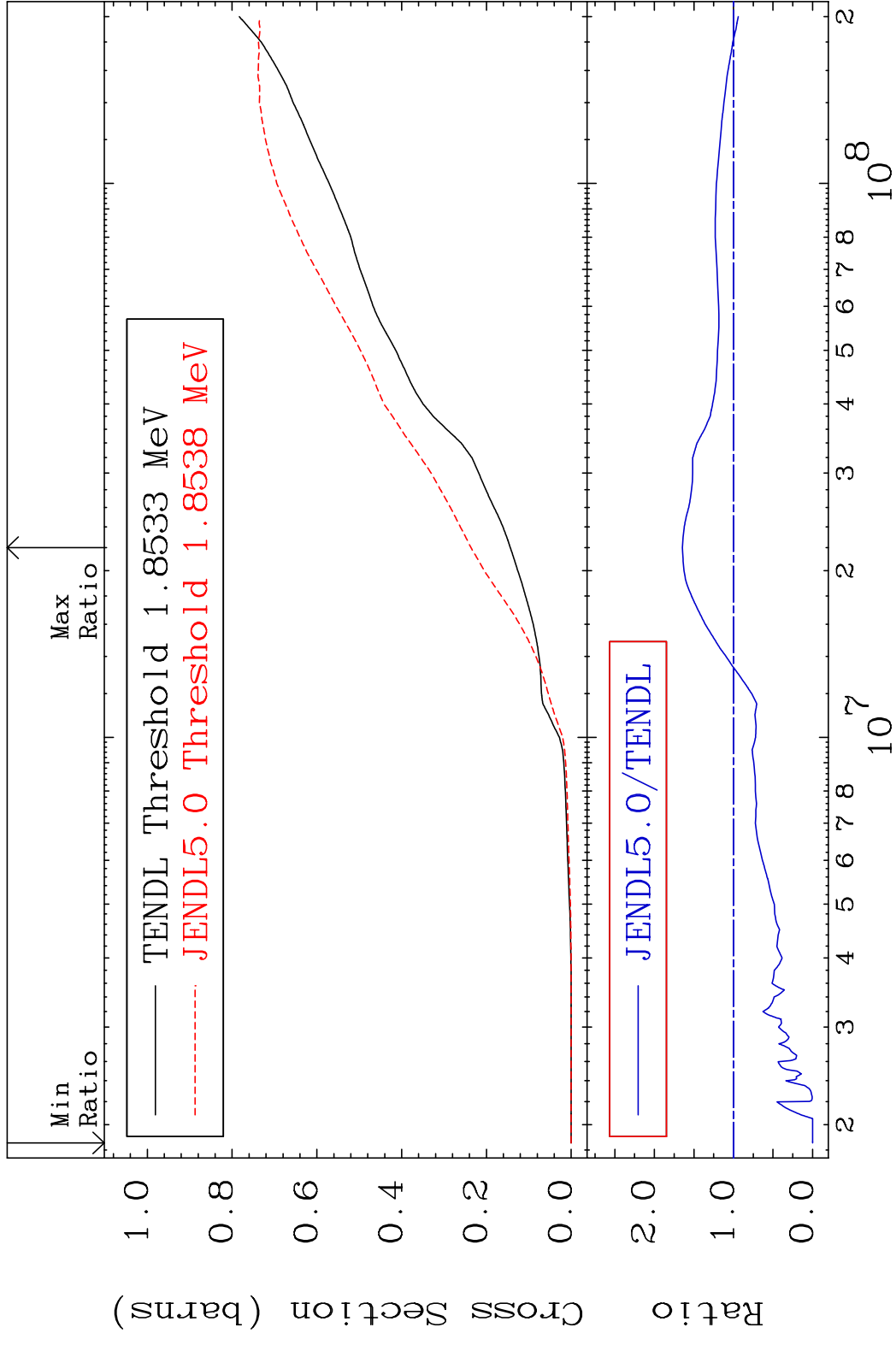
MAT 2525 Dpa inelastic (mt51-91) 25-Mn-55
 Cross Section -100.0 To 94.95 %



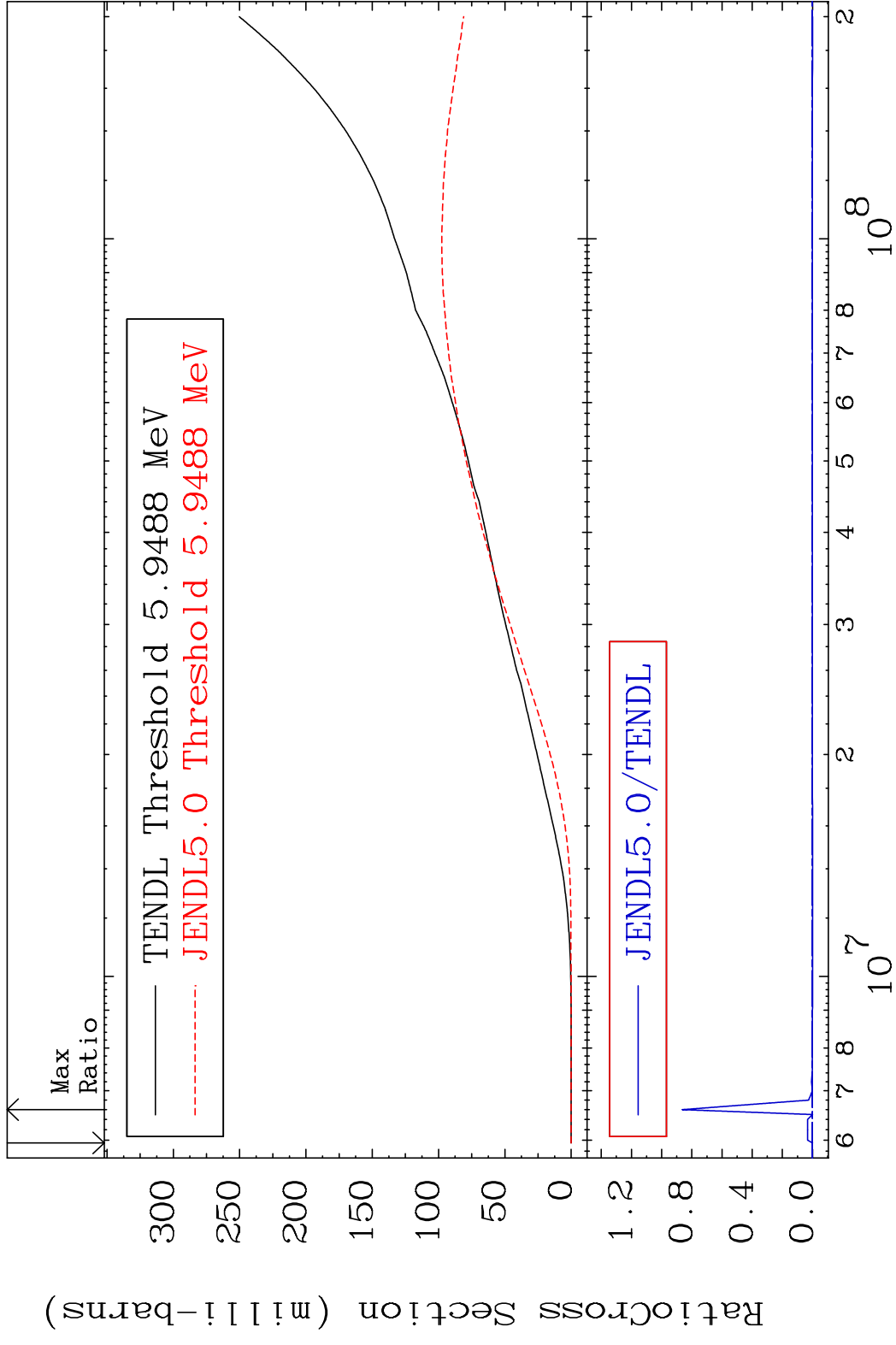
MAT 2525 Dpa disappearance (mt102 -120) 25-Mn-55
 Cross Section -99.95 To 9999. %



MAT 2525 Hydrogen Production 25-Mn-55
 Cross Section -100.0 To 64.63 %

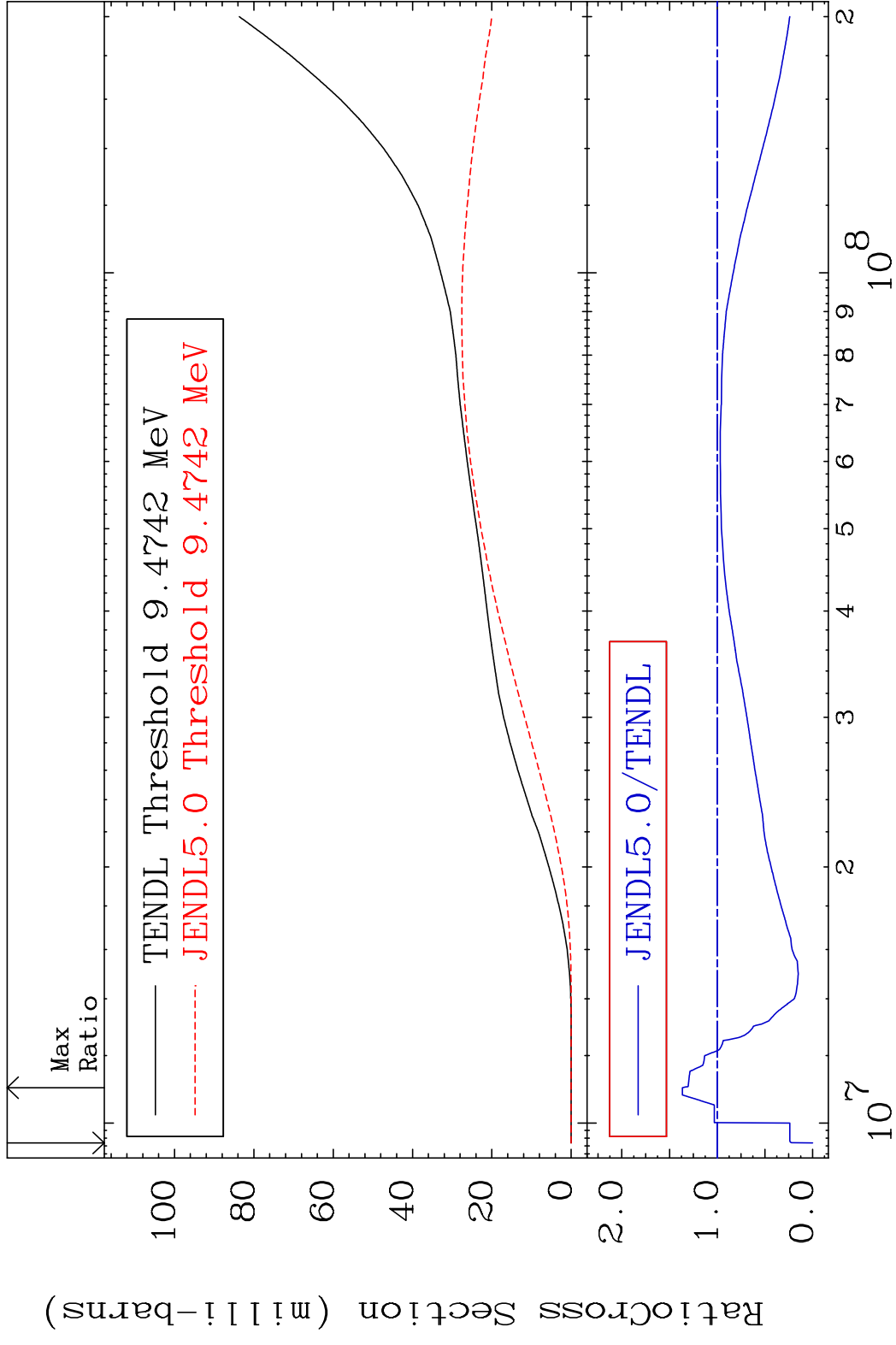


MAT 2525 Deuterium Production 25-Mn-55
 Cross Section -100.0 To 9999. %



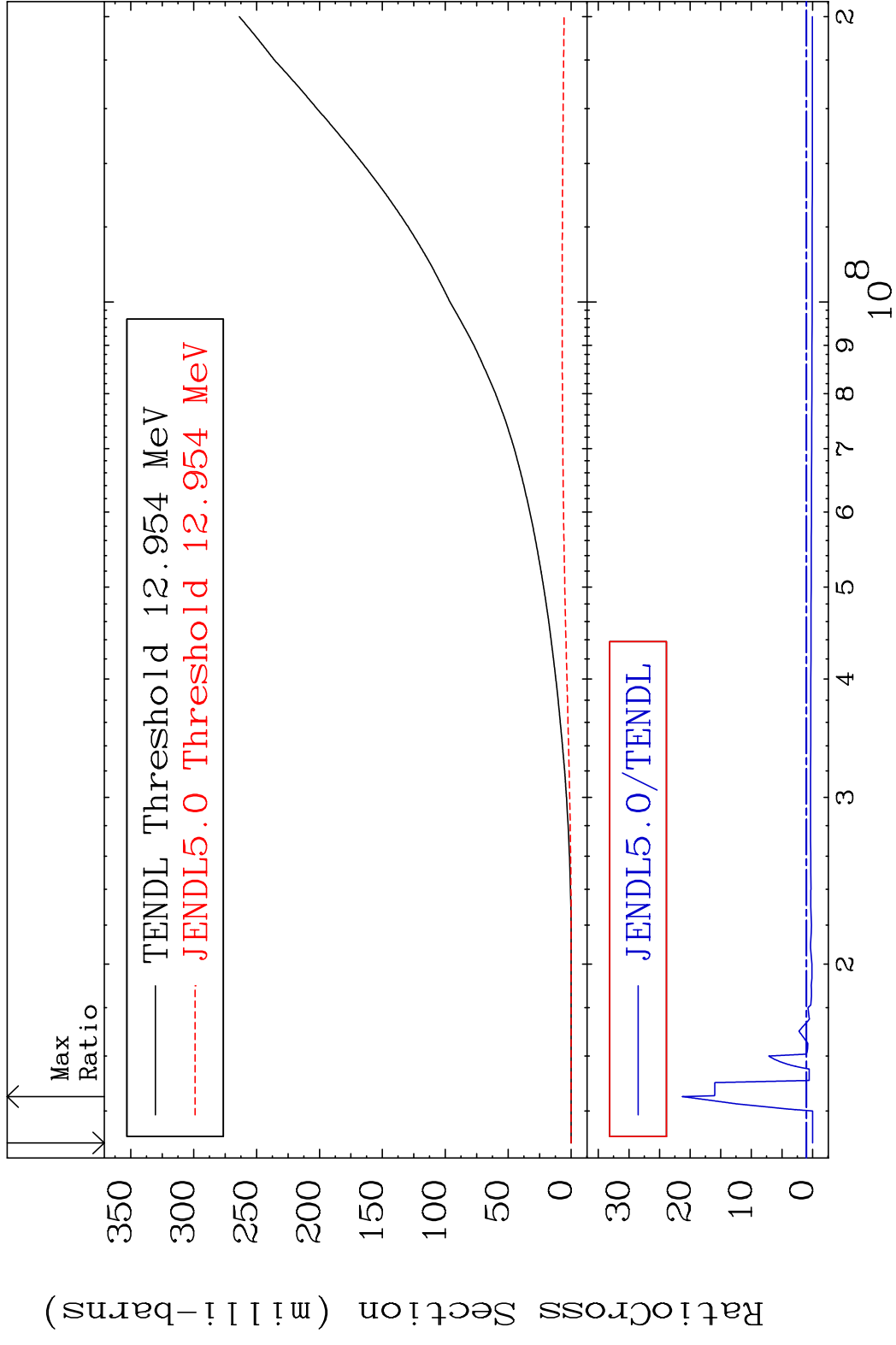
48 Incident Energy (eV) 25-Mn-55

MAT 2525 Tritium Production 25-Mn-55
 Cross Section -100.0 To 36.53 %



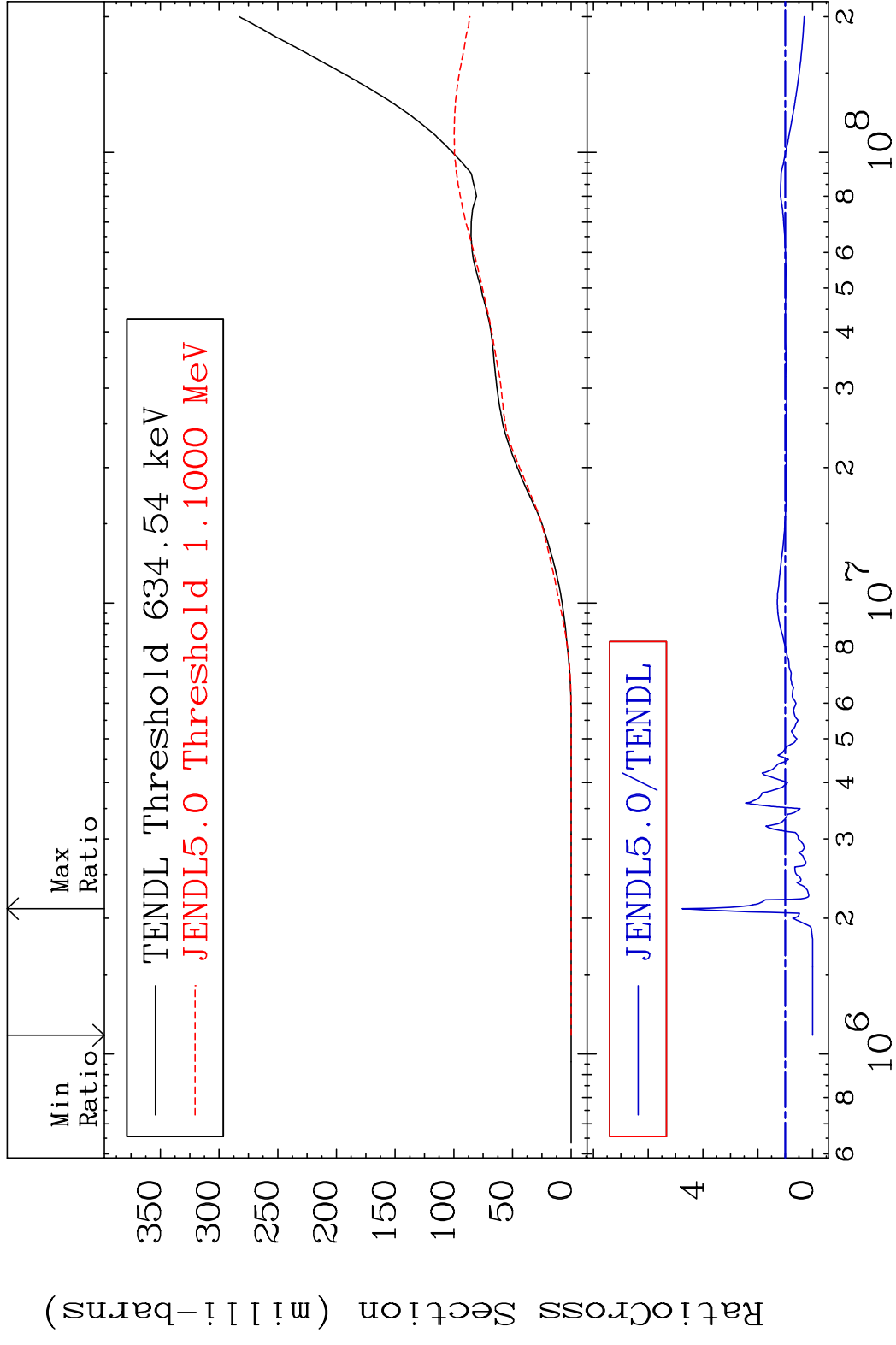
49 Incident Energy (eV) 25-Mn-55

MAT 2525 He-3 Production 25-Mn-55
 Cross Section -100.0 To 2027. %

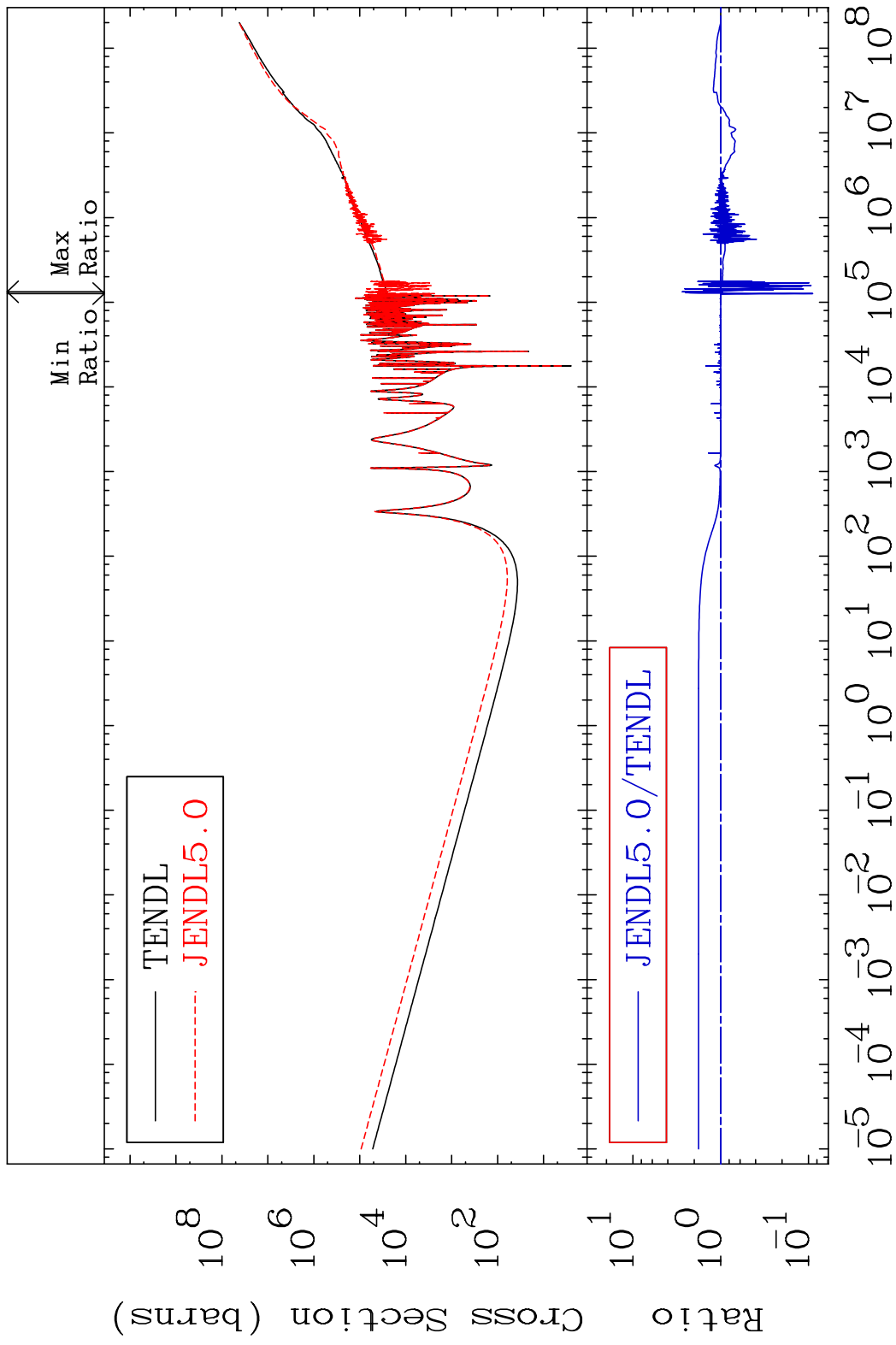


50 25-Mn-55

MAT 2525 He-4 Production 25-Mn-55
 Cross Section -100.0 To 375.4 %

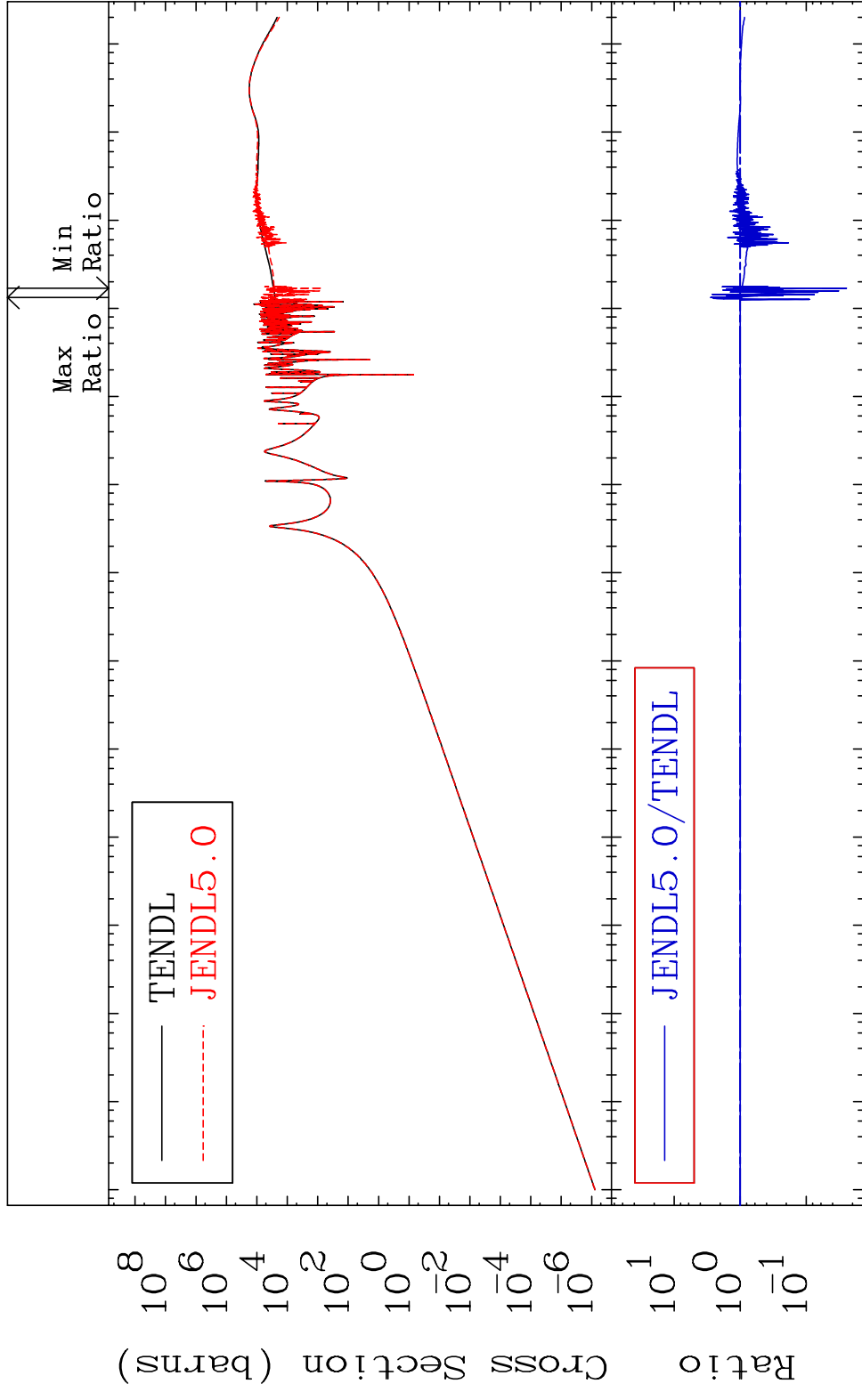


MAT 2525 Kerma total (eV-barns) 25-Mn-55
 Cross Section -91.01 To 173.4 %



52 Incident Energy (eV) 25-Mn-55

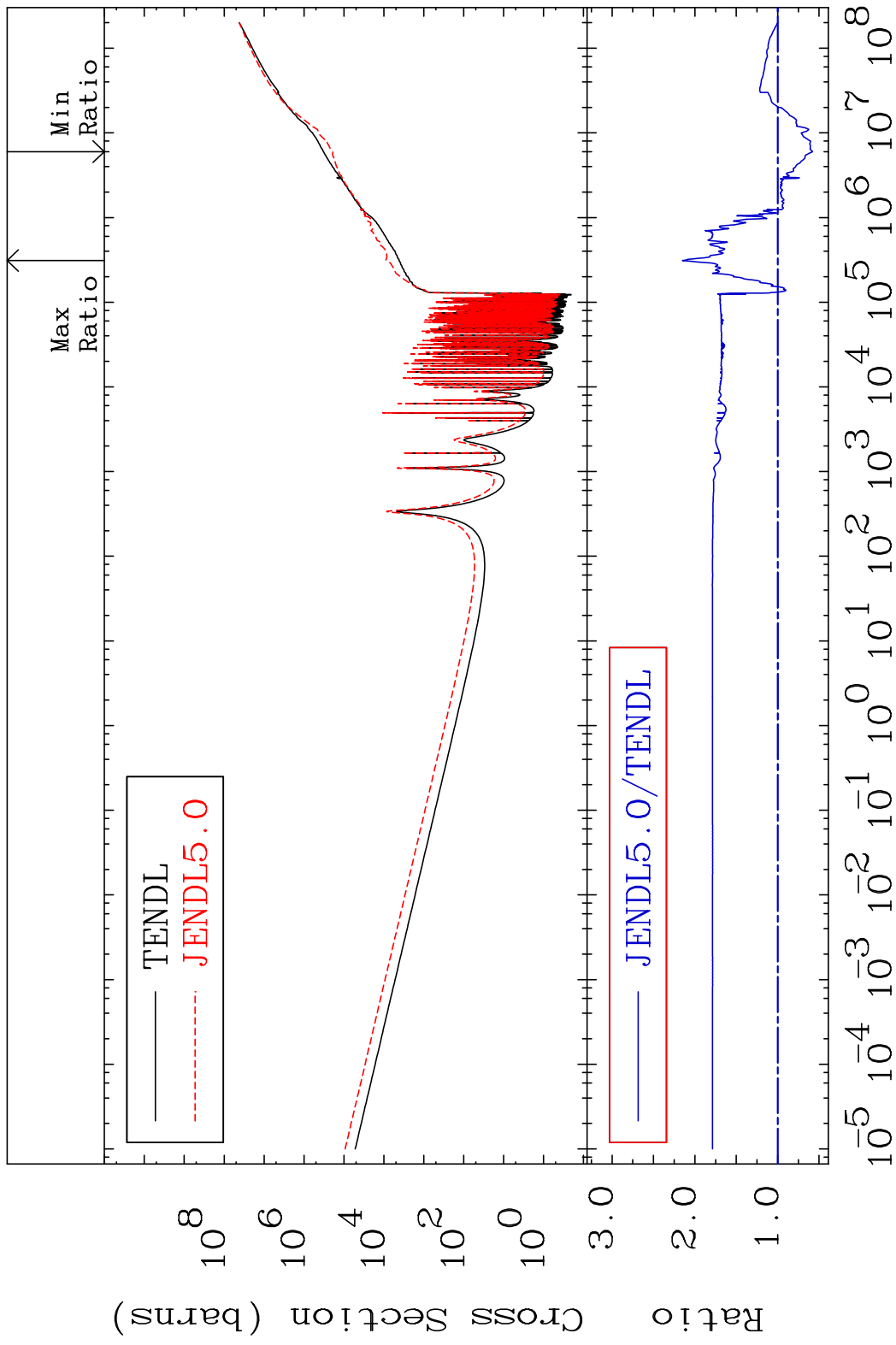
MAT 2525 Kerma elastic 25-Mn-55
 Cross Section -97.52 To 179.2 %



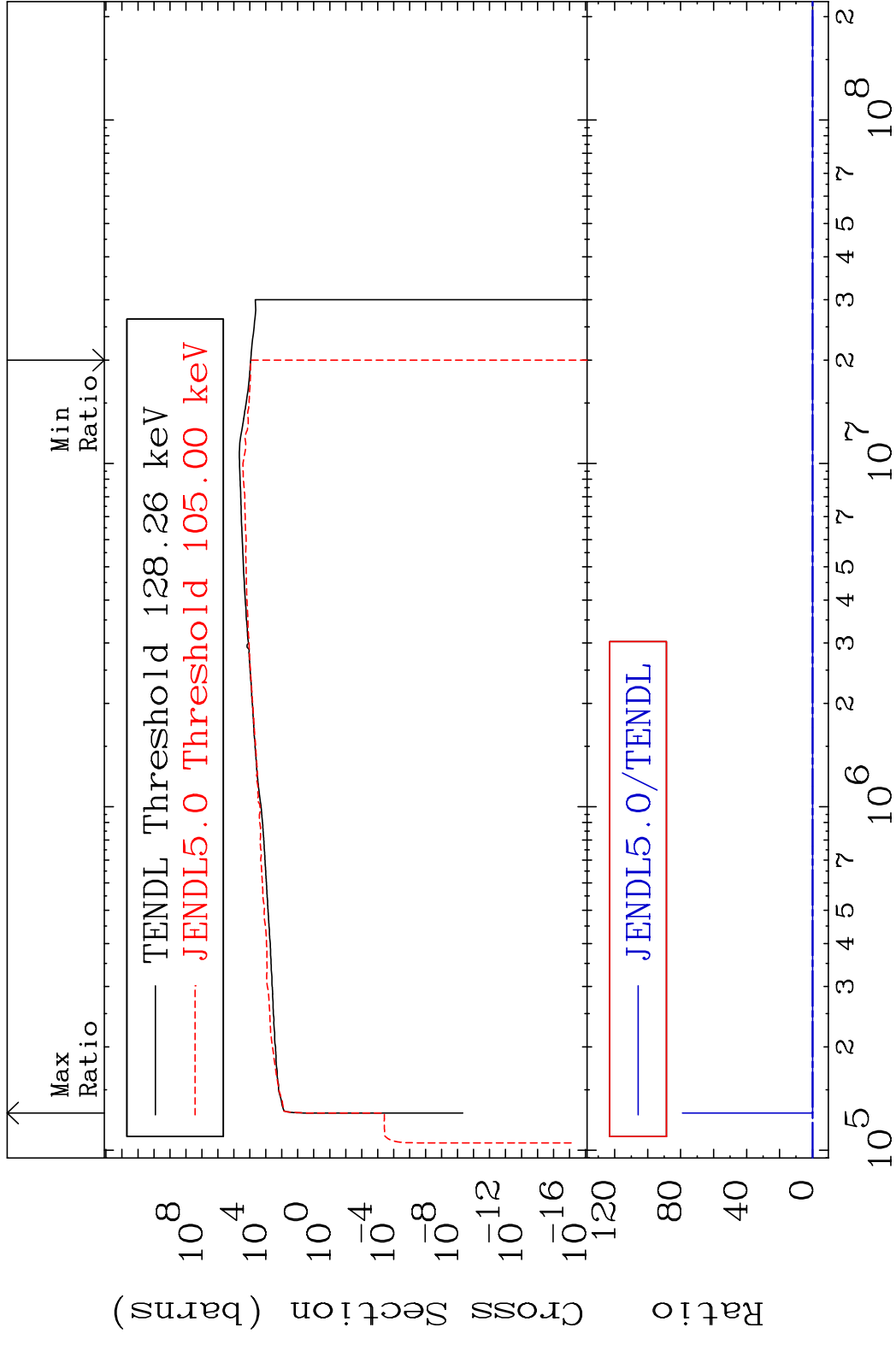
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

53 Incident Energy (eV) 25-Mn-55

MAT 2525 Kerma non-elastic (all but mt2) 25-Mn-55
 Cross Section -42.12 To 115.1 %

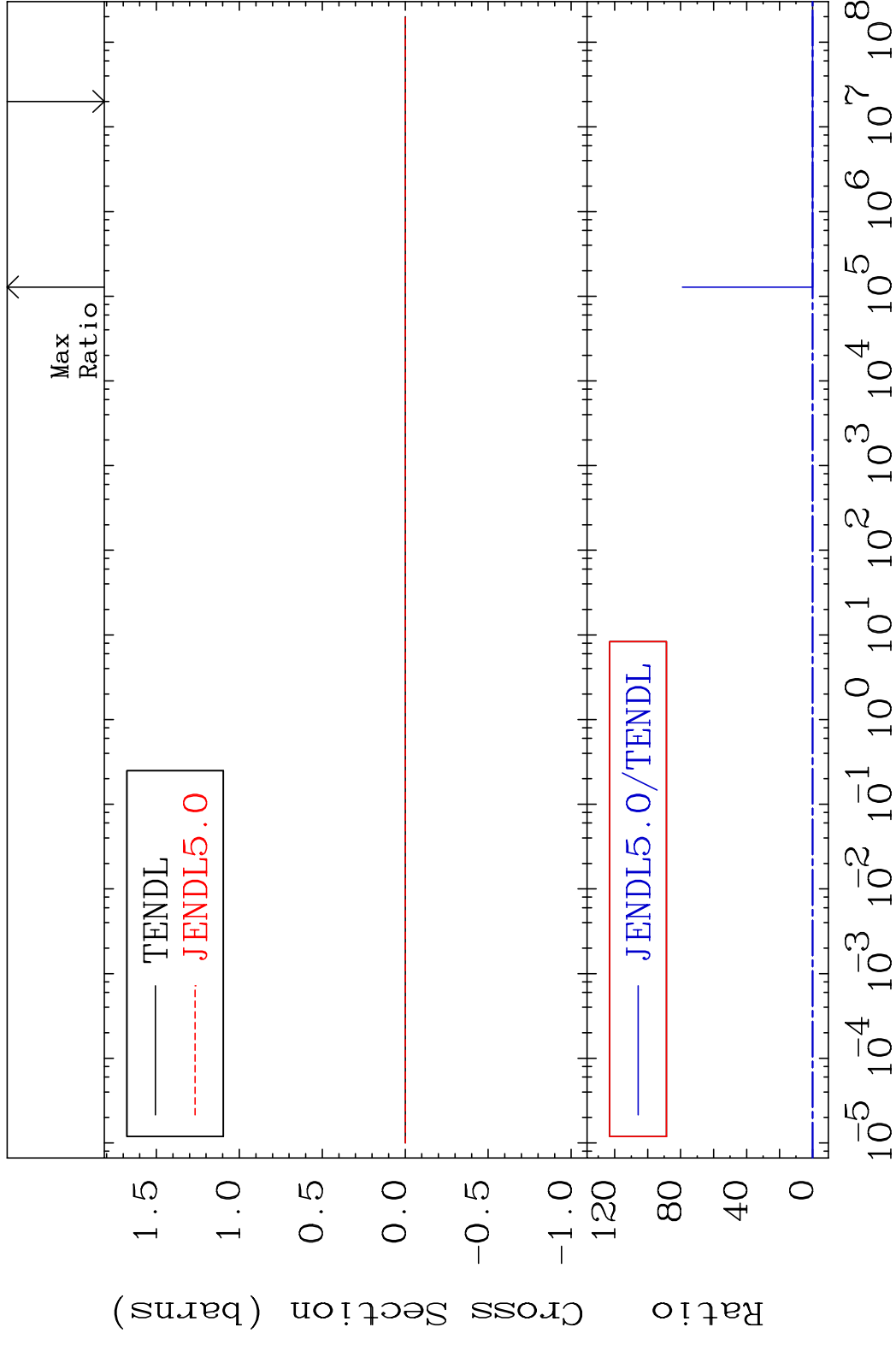


MAT 2525 Kerma inelastic (mt51-91) 25-Mn-55
 Cross Section -100.0 To 9999. %

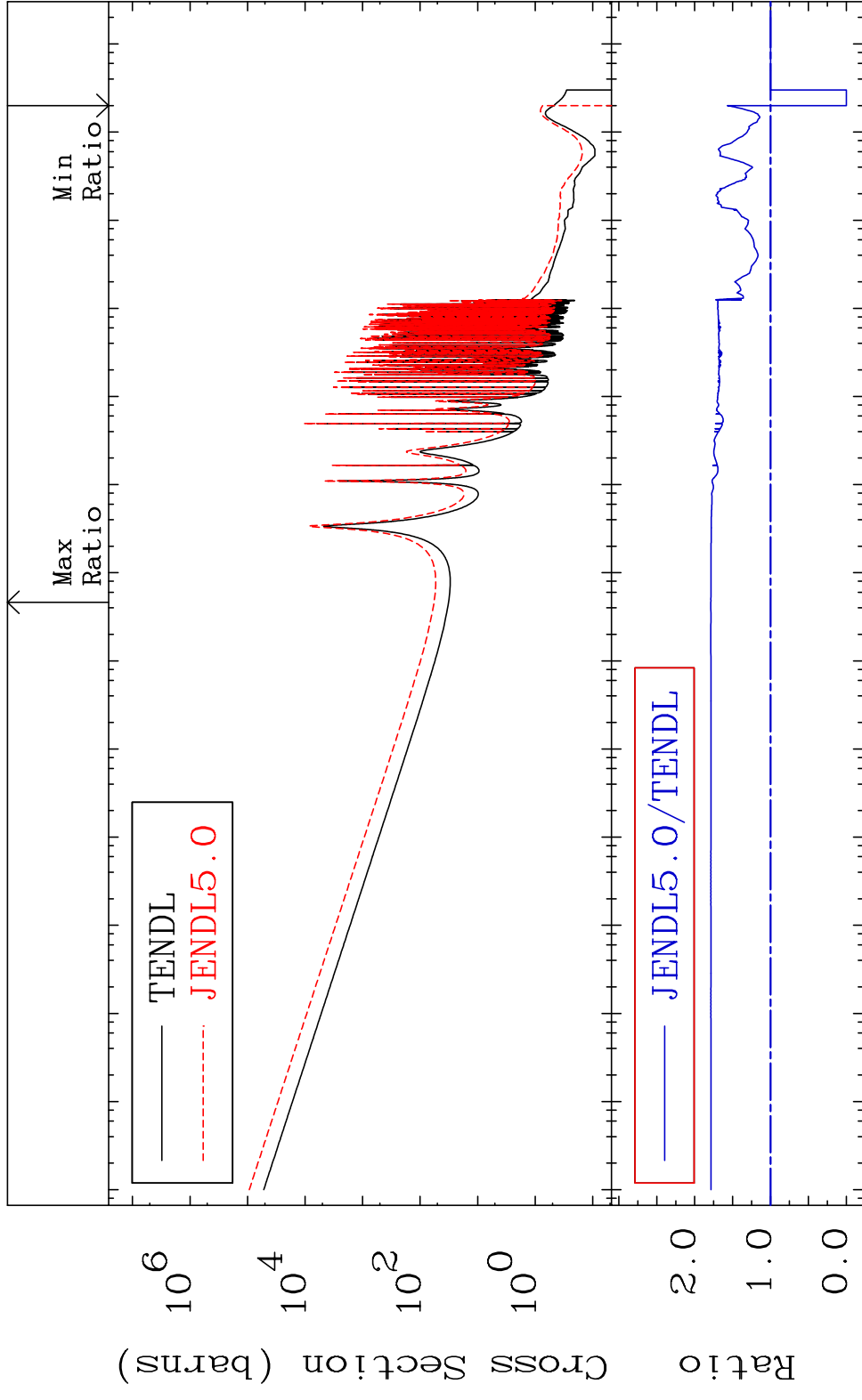


55 Incident Energy (eV) 25-Mn-55

MAT 2525 Kerma fission (mt18 or mt19-20-21-38) 25-Mn-55
 Cross Section -100.0 To 9999. %

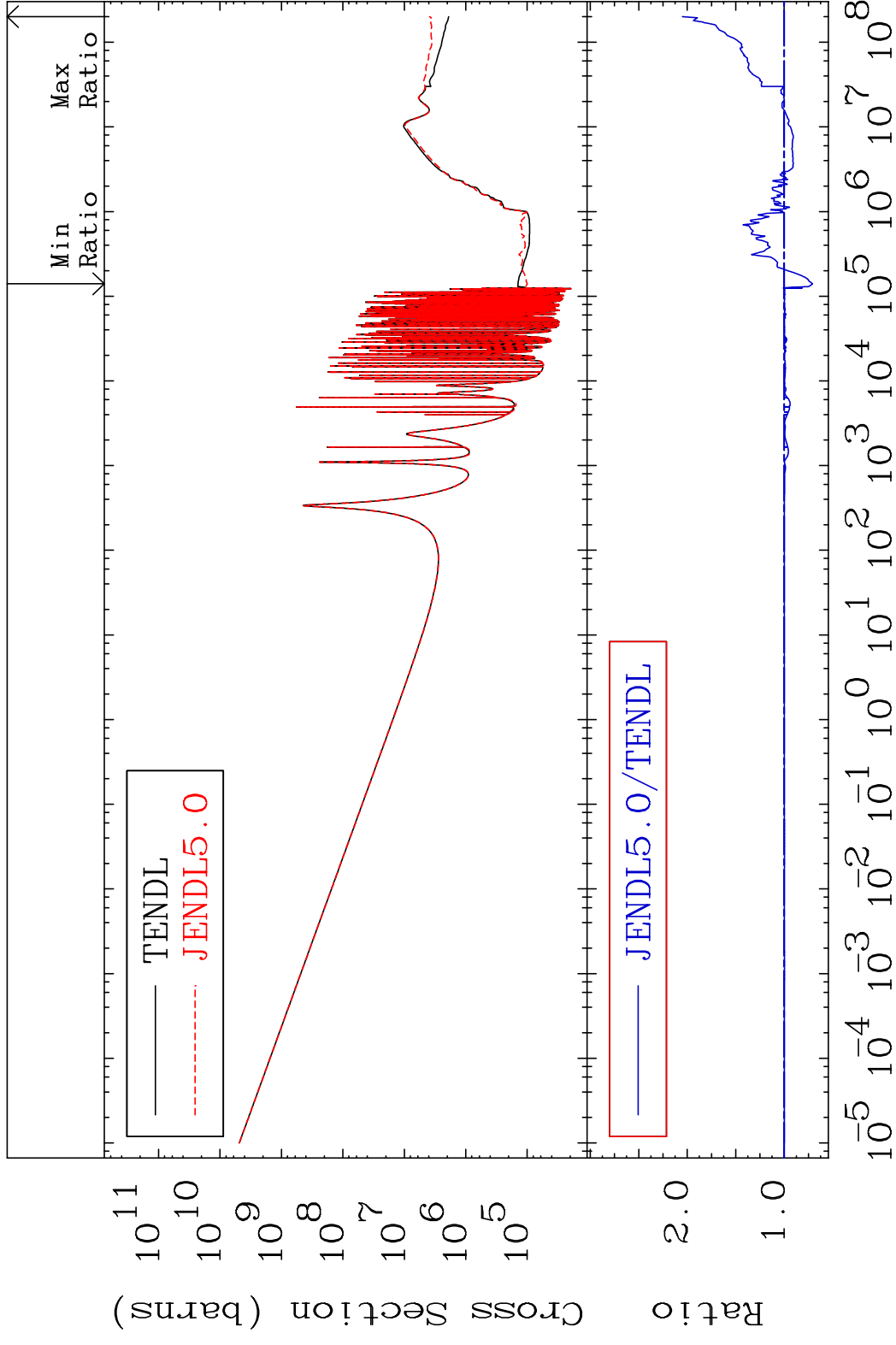


MAT 2525 Kerma capture (mt102) 25-Mn-55
 Cross Section -100.0 To 78.87 %

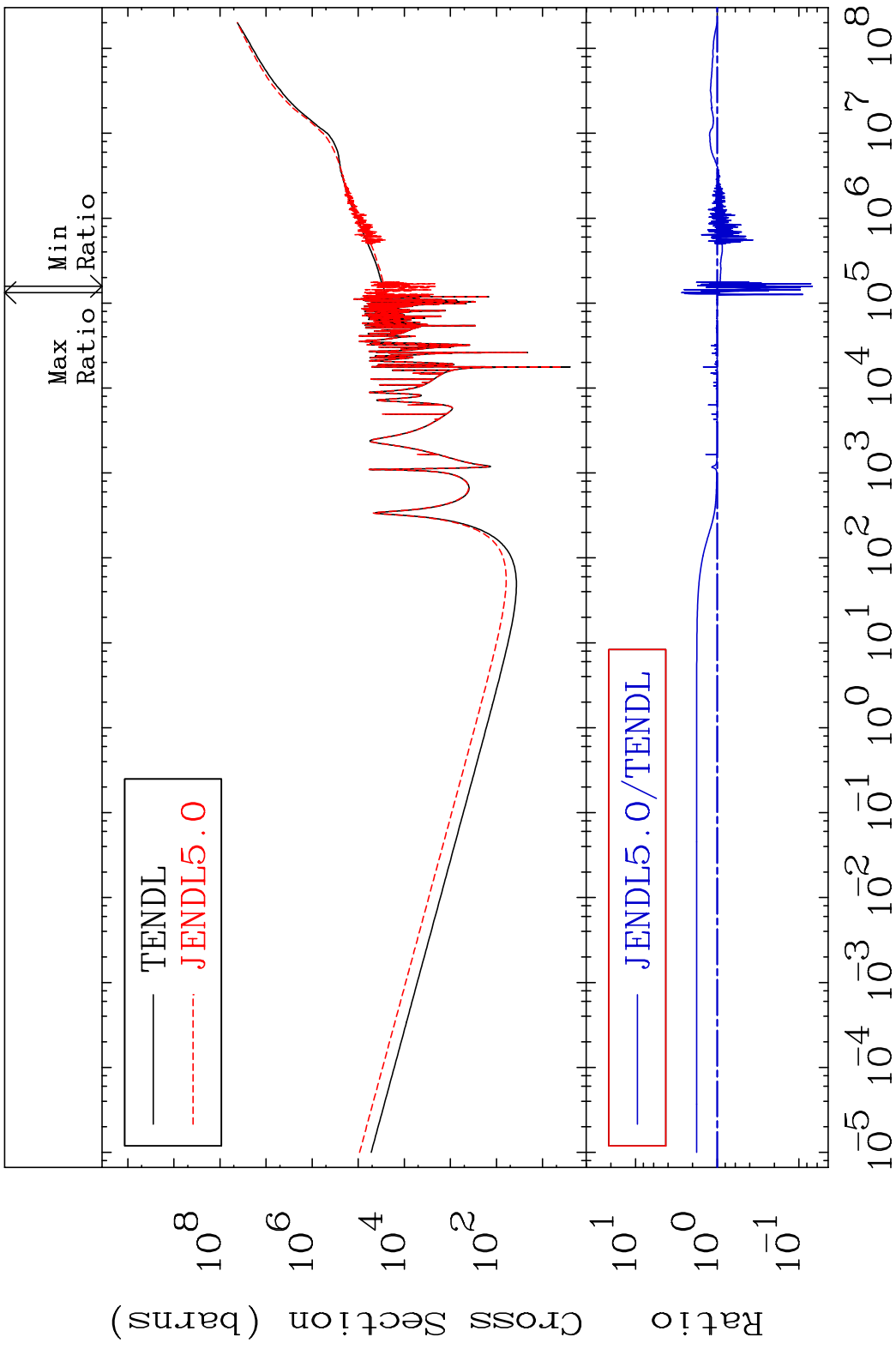


57 Incident Energy (eV) 25-Mn-55

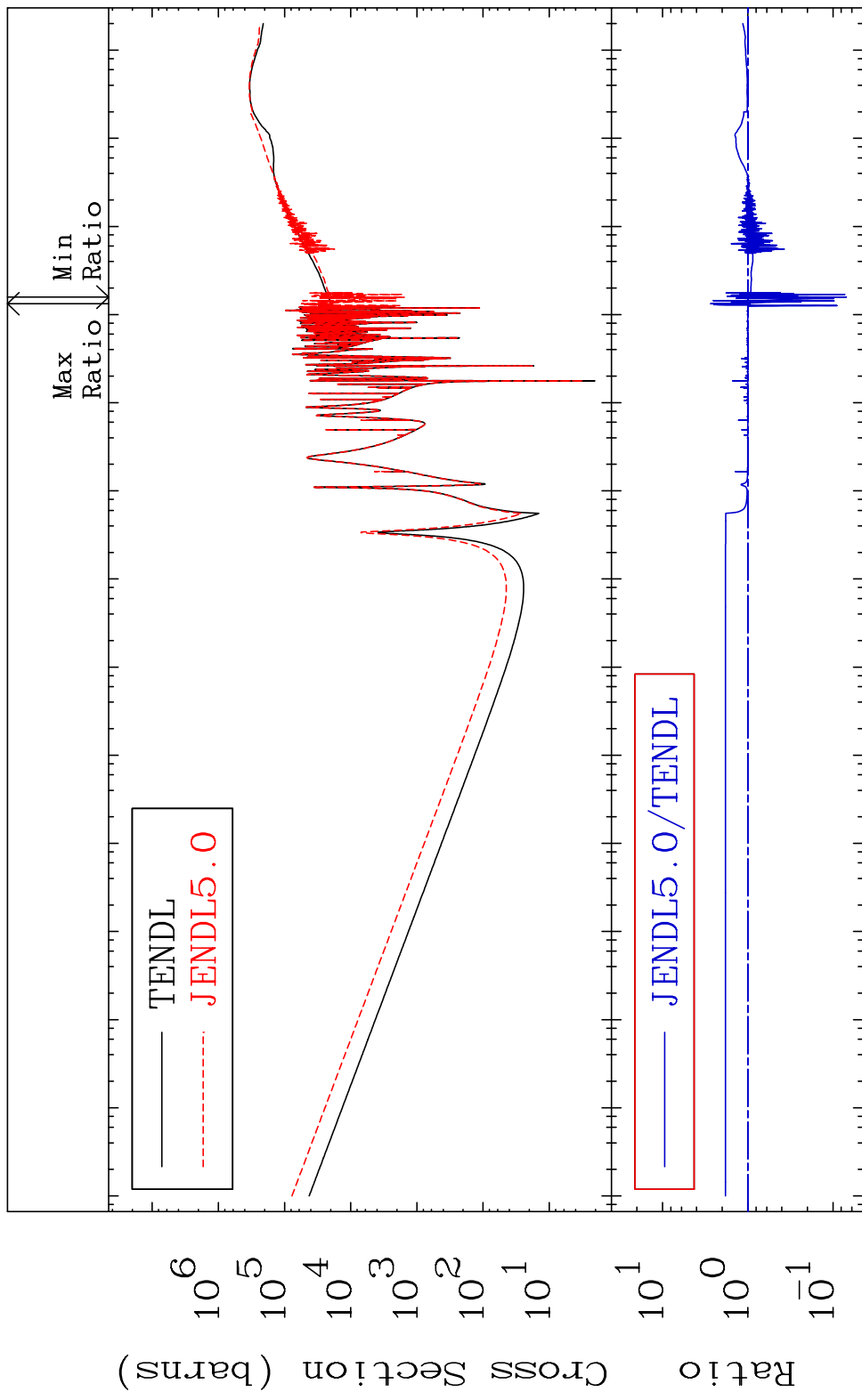
MAT 2525 Total photon (eV-barns) 25-Mn-55
 Cross Section -29.23 To 105.0 %



MAT 2525 Total kinematic kerma (high limit) 25-Mn-55
Cross Section -93.14 To 171.9 %



MAT 2525 Dpa total (eV-barns) 25-Mn-55
 Cross Section -93.03 To 172.5 %



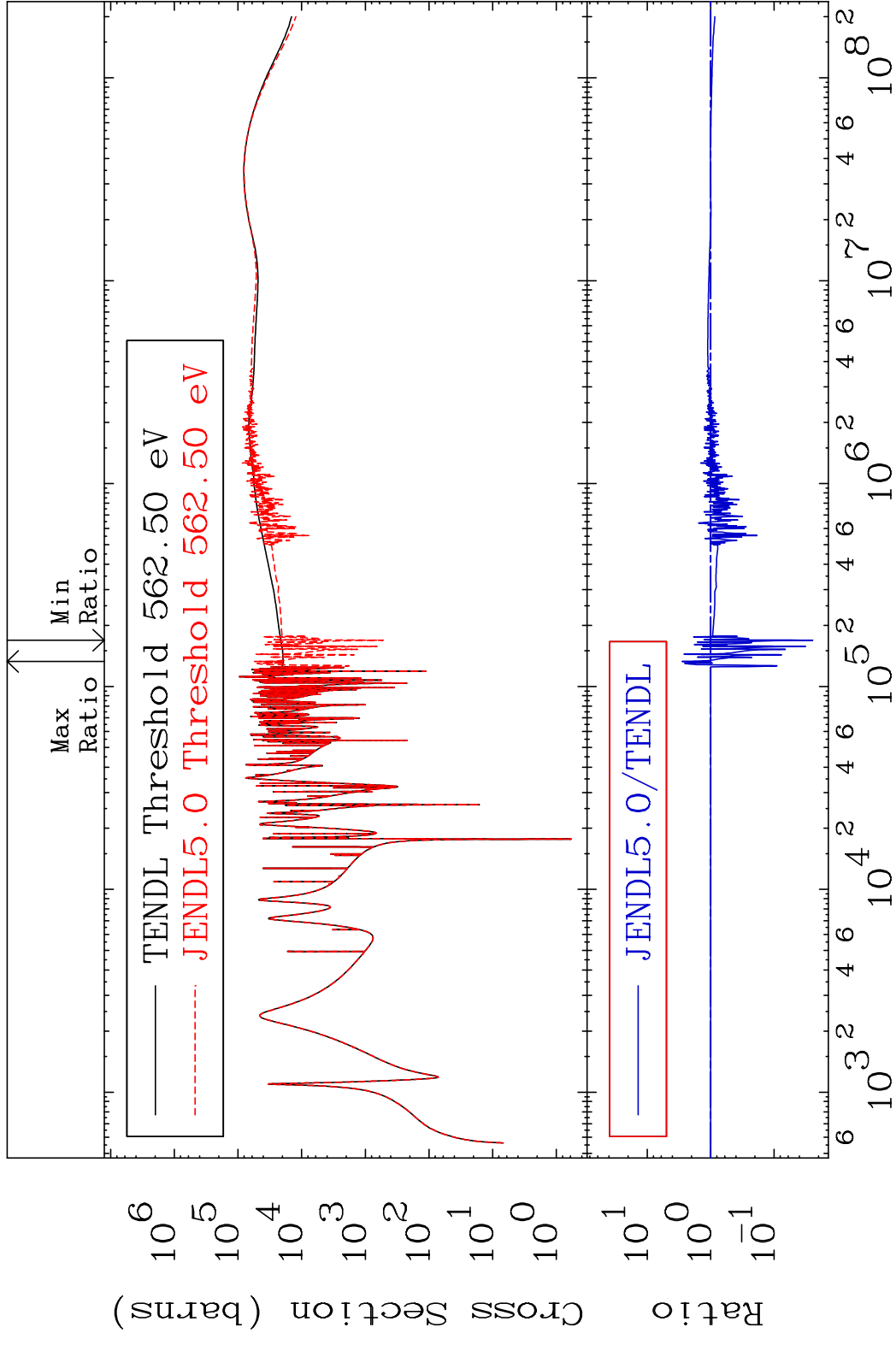
60 Incident Energy (eV) 25-Mn-55

MAT 2525

Dpa elastic (mt2)

25-Mn-55

Cross Section -97.52 To 179.2 %

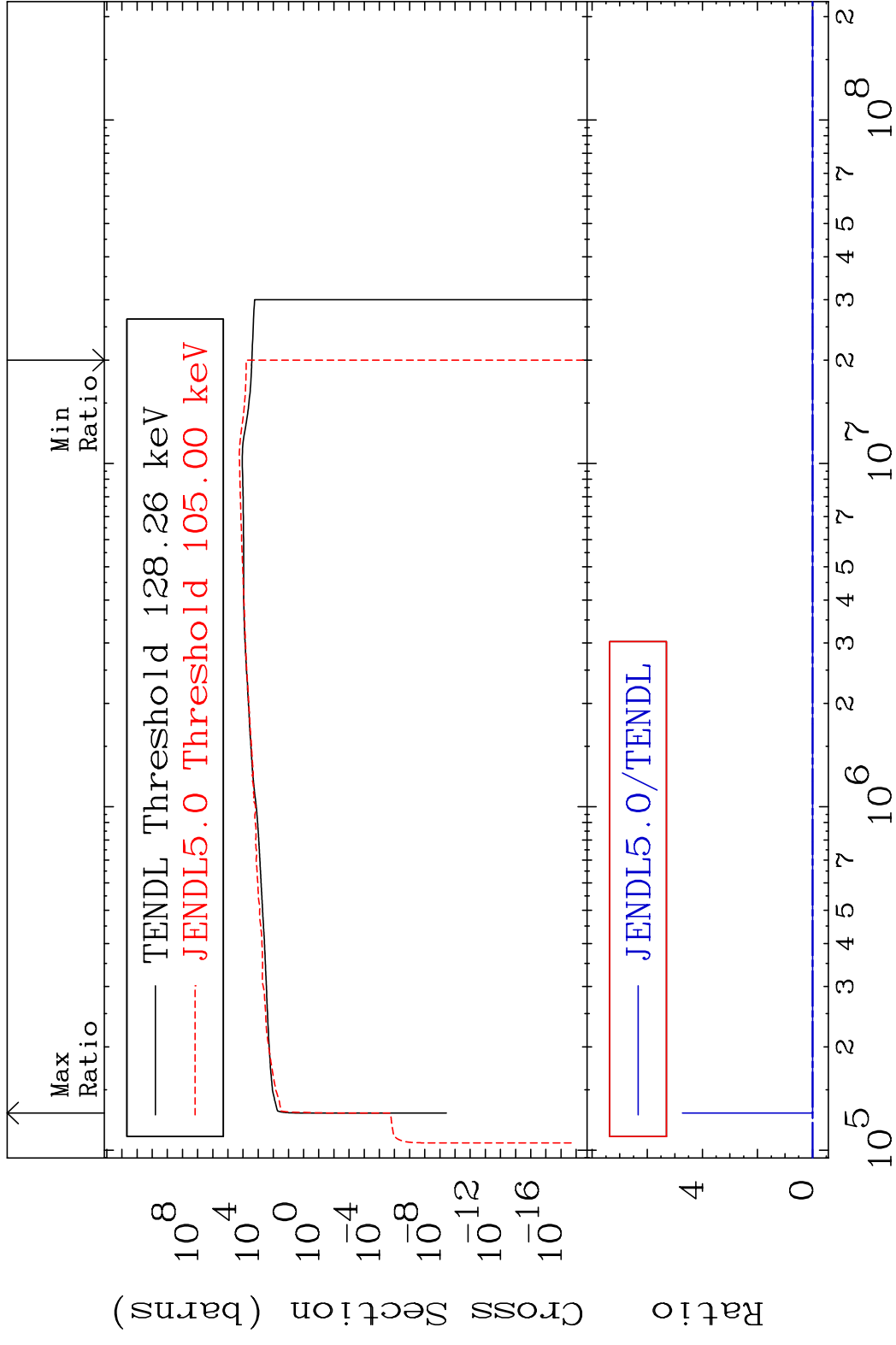


61

Incident Energy (eV)

25-Mn-55

MAT 2525 Dpa inelastic (mt51-91) 25-Mn-55
 Cross Section -100.0 To 9999. %



62 Incident Energy (eV) 25-Mn-55

MAT 2525 Dpa disappearance (mt102 -120) 25-Mn-55
 Cross Section -100.0 To 82.84 %

