

Program Complot
(Version 2021-1)

by

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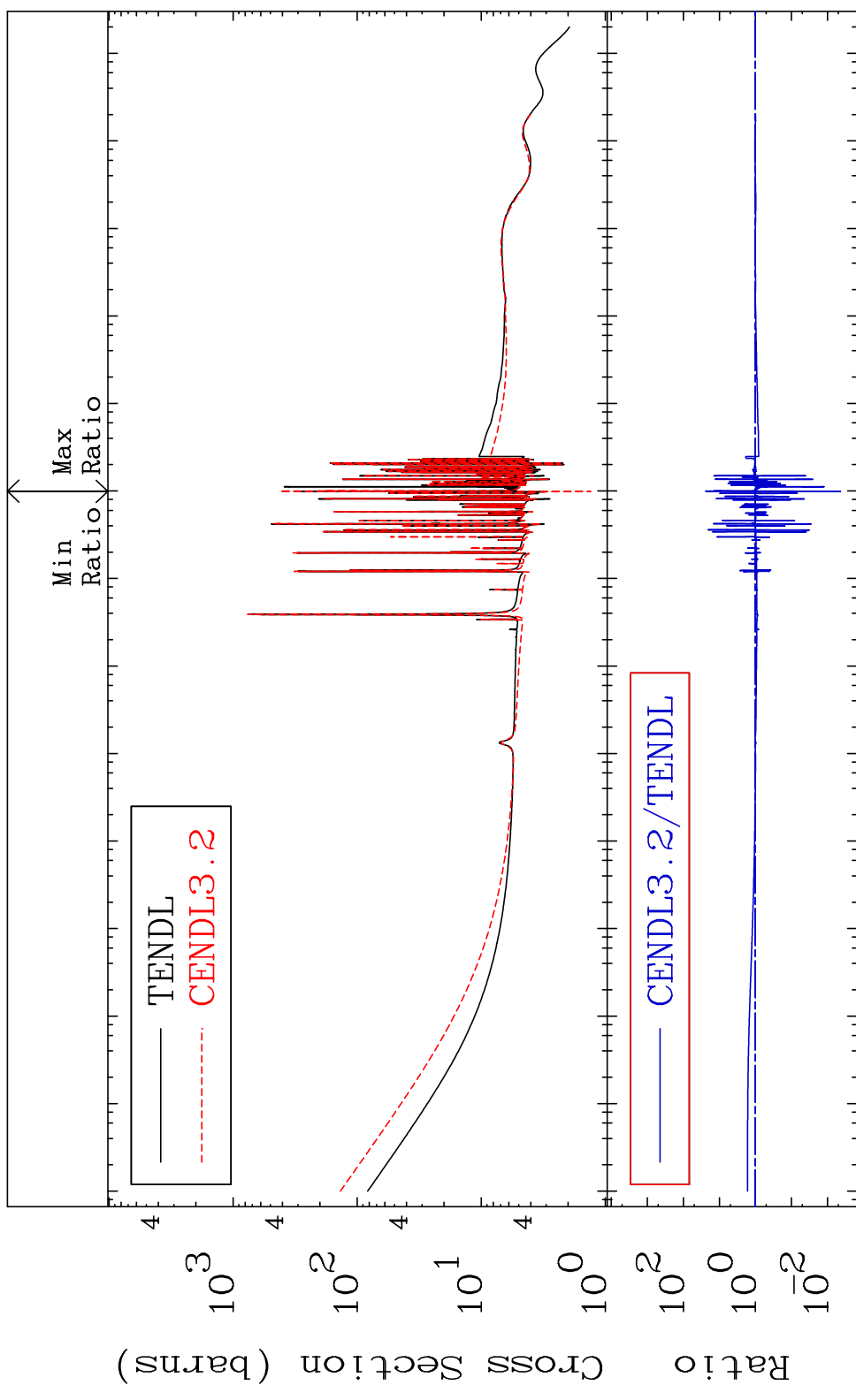
Press Mouse Button to Start

MAT 5040

Total

50-Sn-117

Cross Section -99.56 To 2285. %



1

Incident Energy (eV)

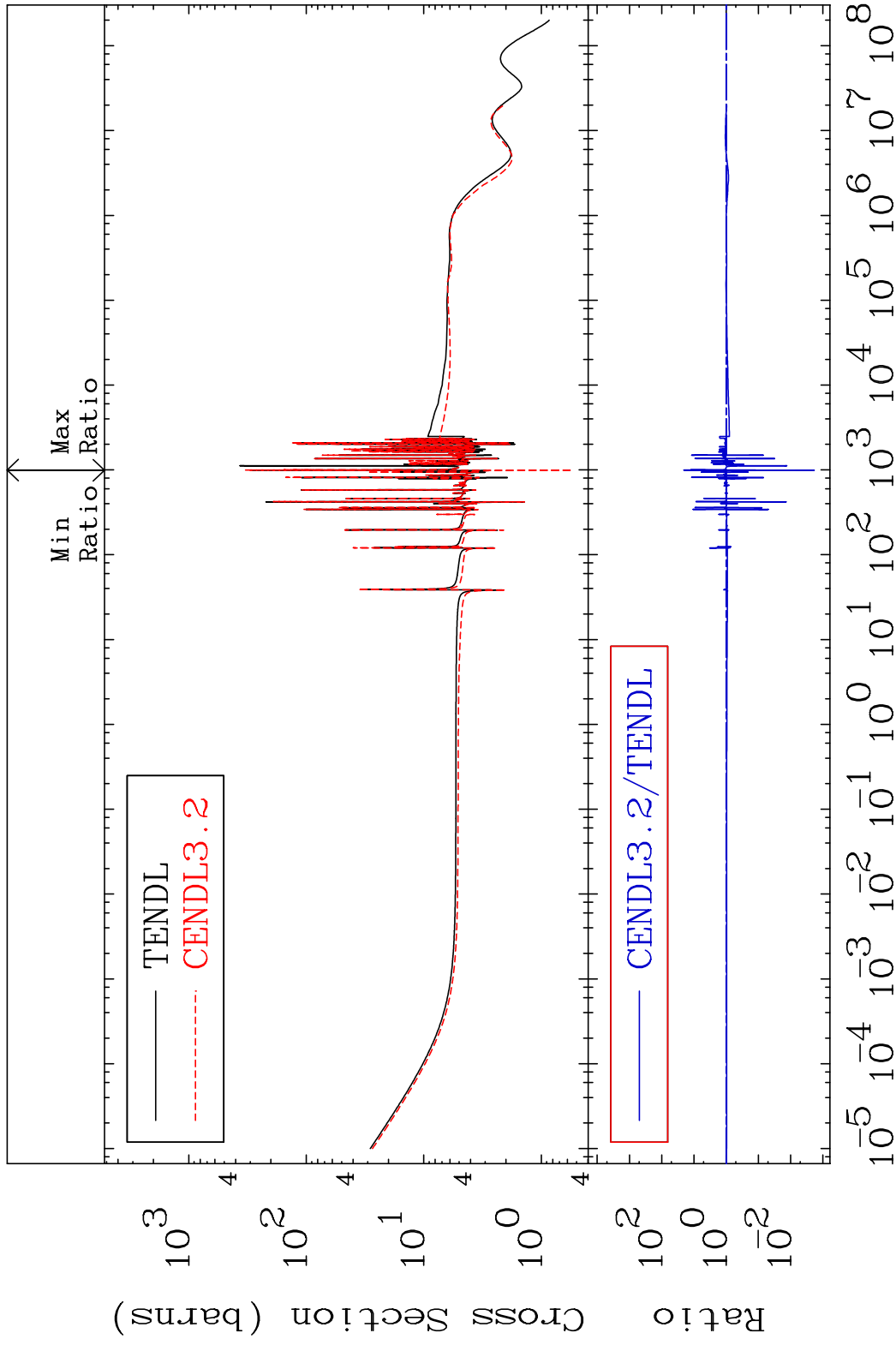
50-Sn-117

MAT 5040

Elastic

50-Sn-117

Cross Section -99.81 To 1978. %

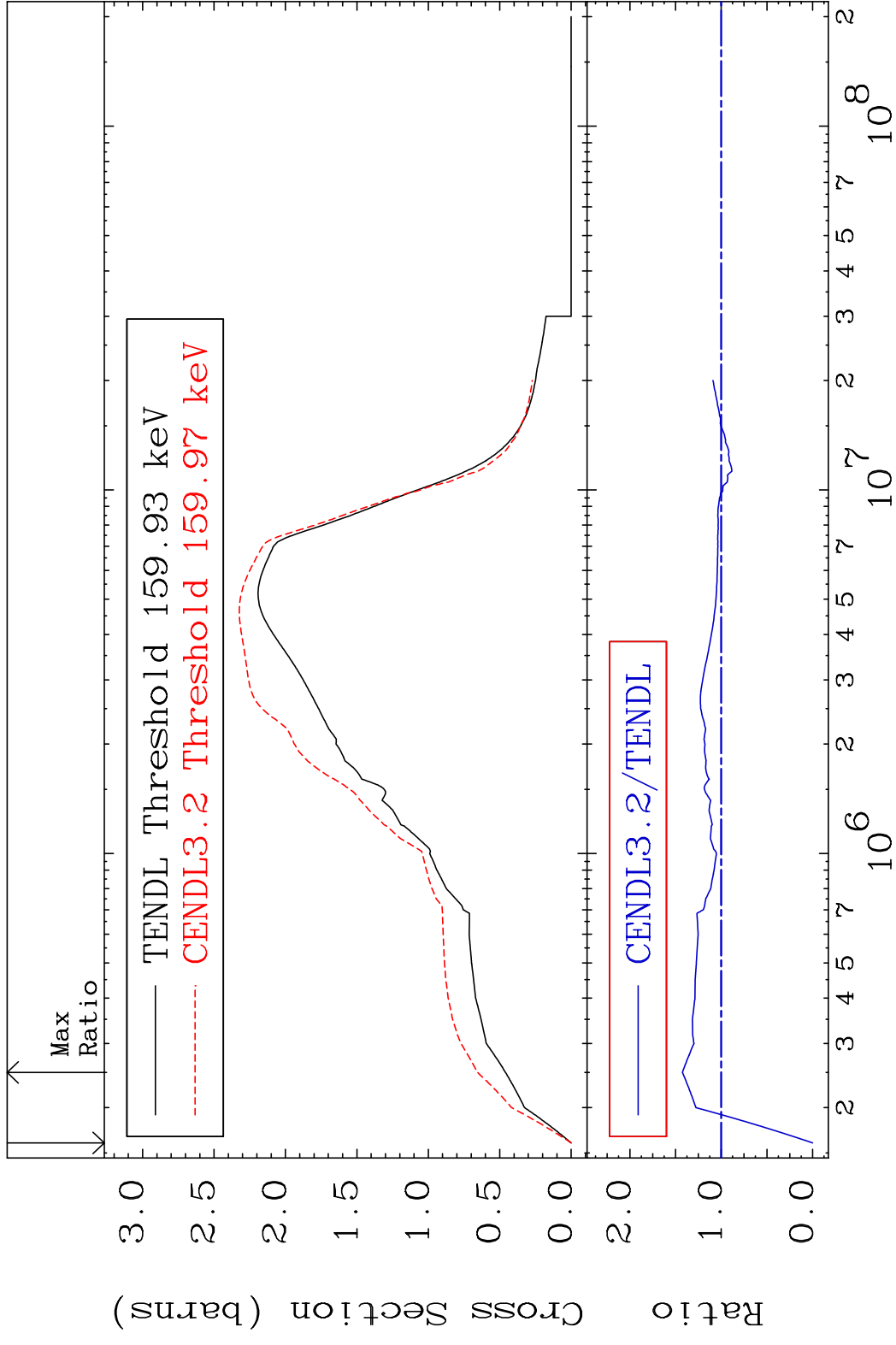


2

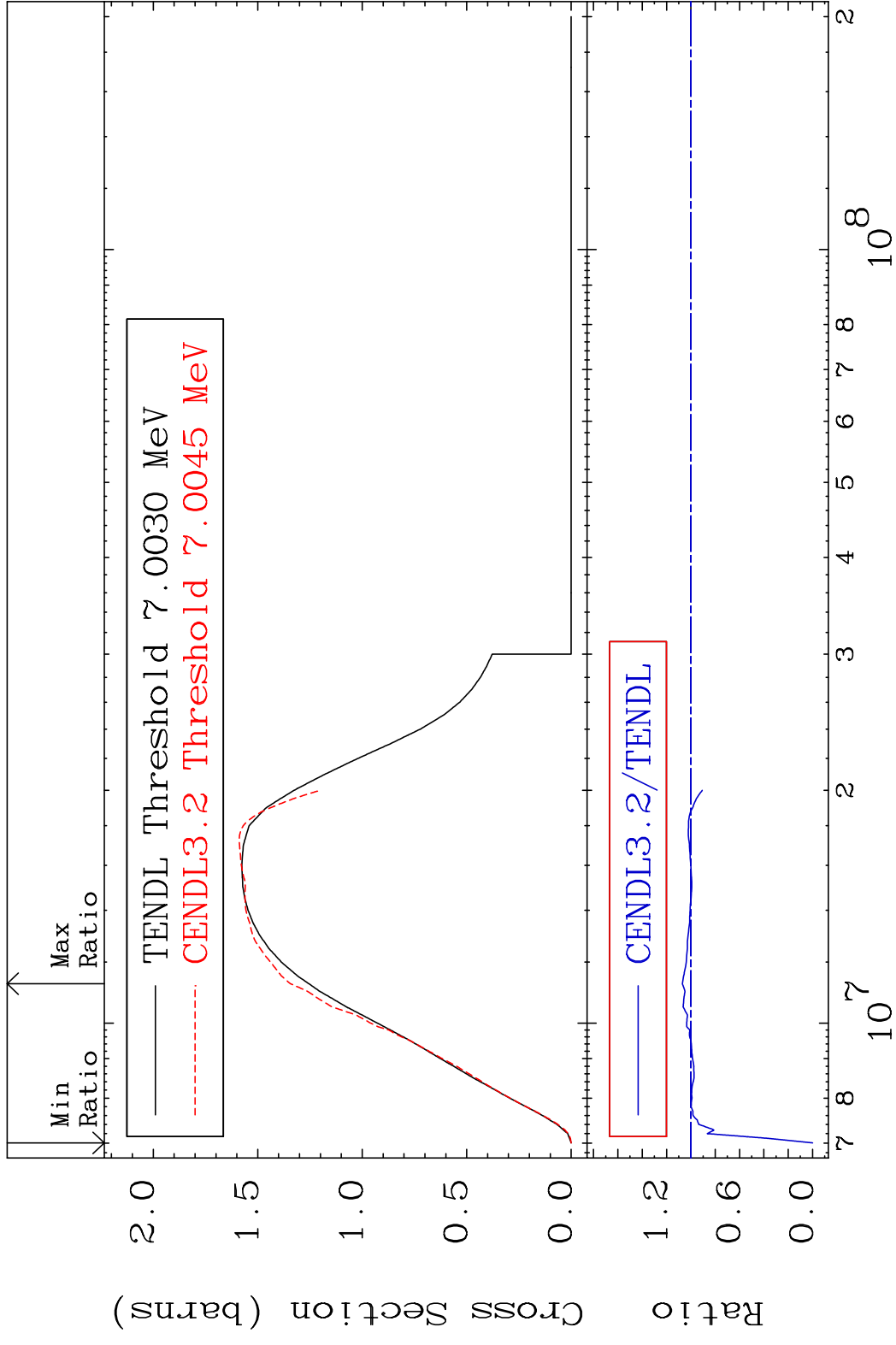
Incident Energy (eV)

50-Sn-117

MAT 5040 Inelastic 50-Sn-117
 Cross Section -100.0 To 42.54 %



MAT 5040 (n,2n) 50-Sn-117
 Cross Section -100.0 To 7.010 %



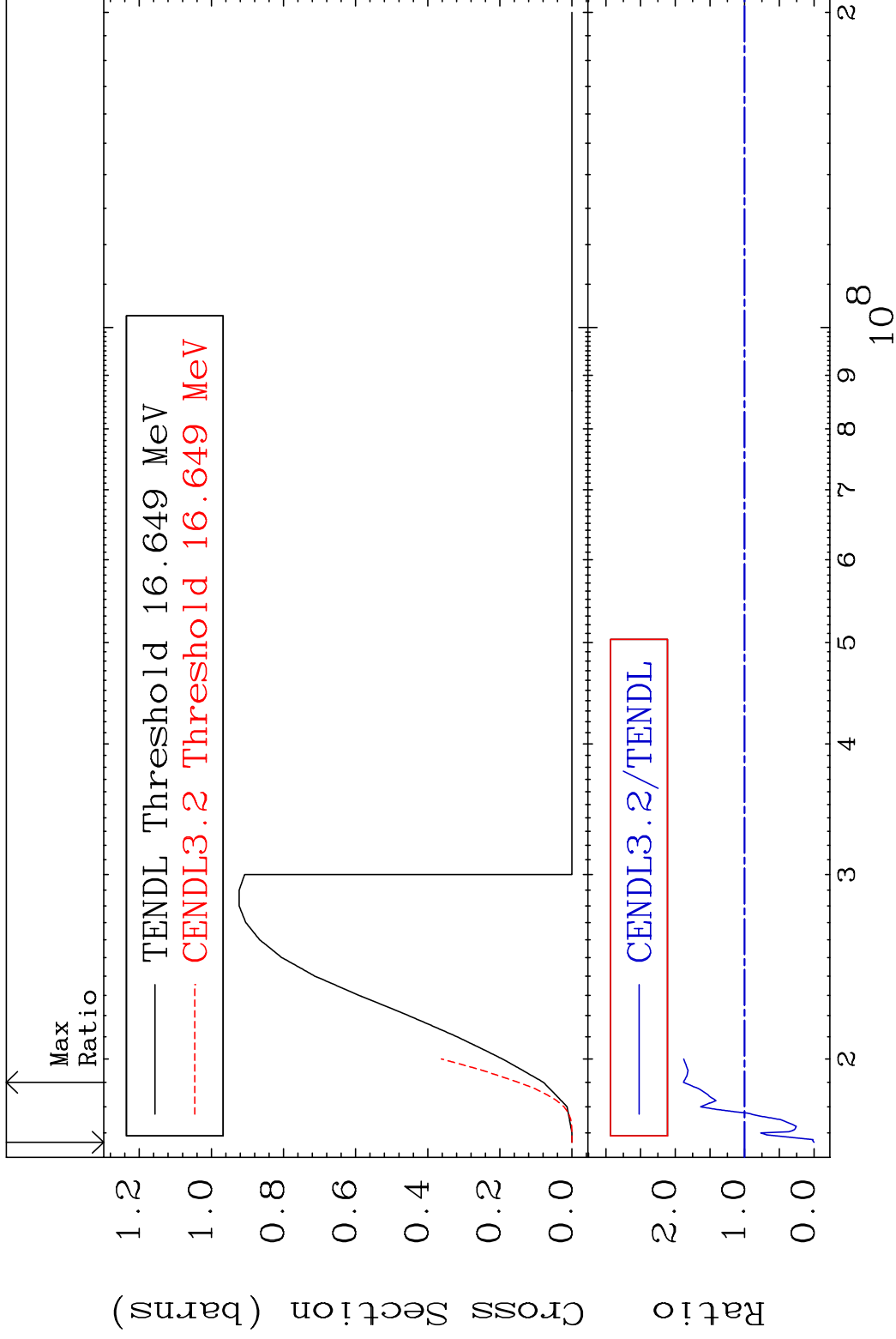
4 Incident Energy (eV) 50-Sn-117

MAT 5040

(n,3n)

50-Sn-117

Cross Section -100.0 To 88.20 %

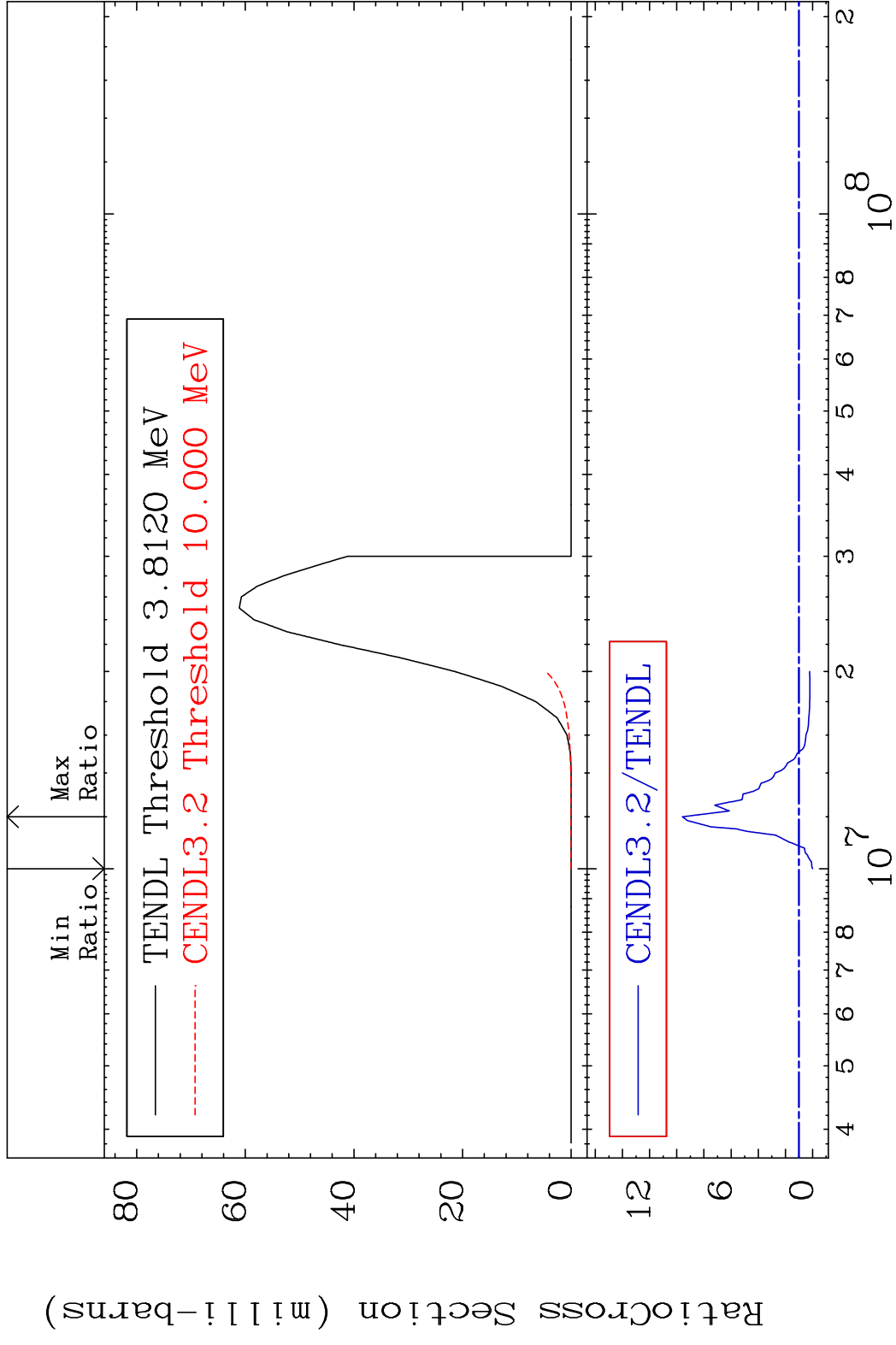


5

Incident Energy (eV)

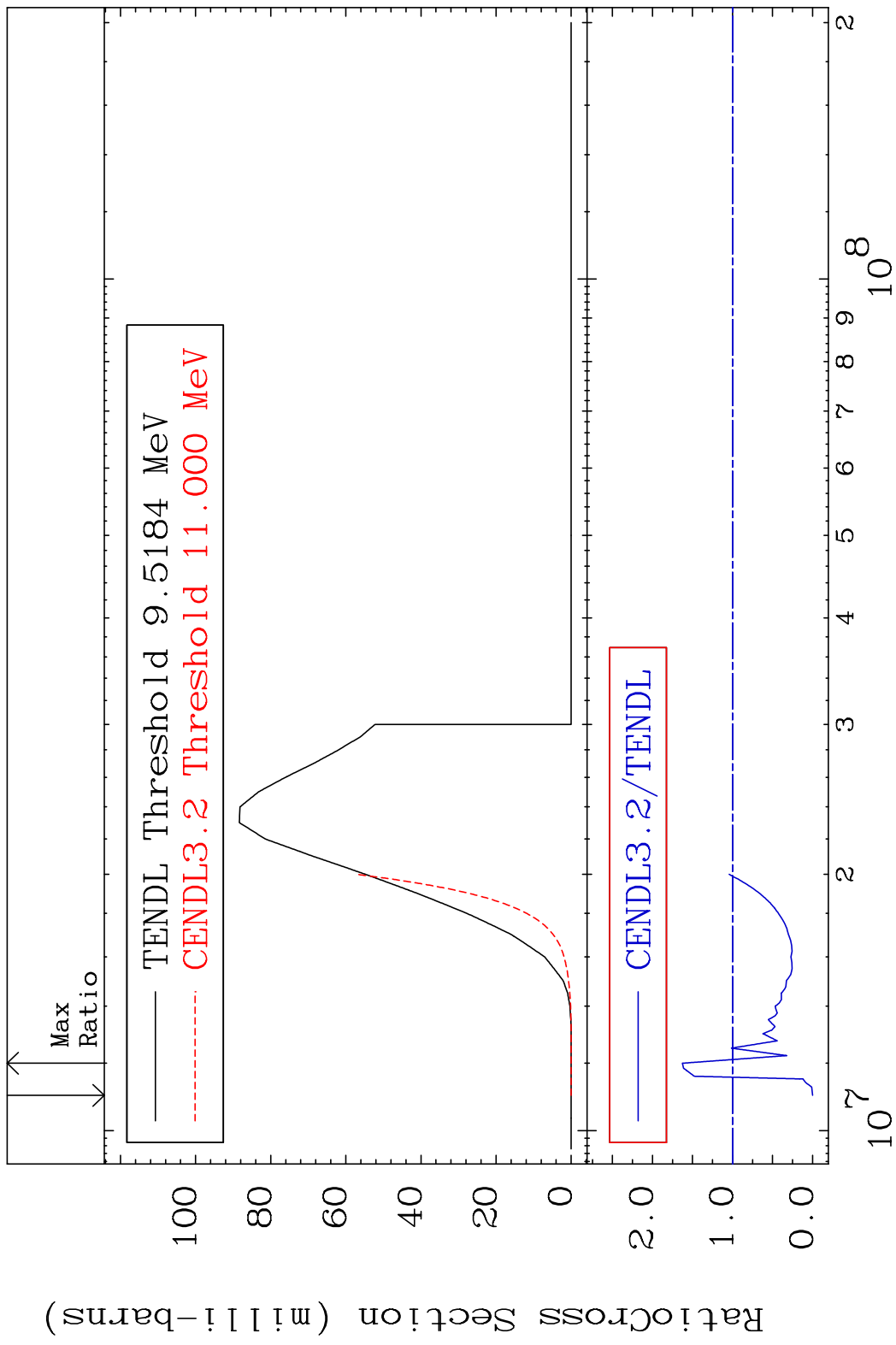
50-Sn-117

MAT 5040 (n, n') α 50-Sn-117
 Cross Section -100.0 To 858.8 %



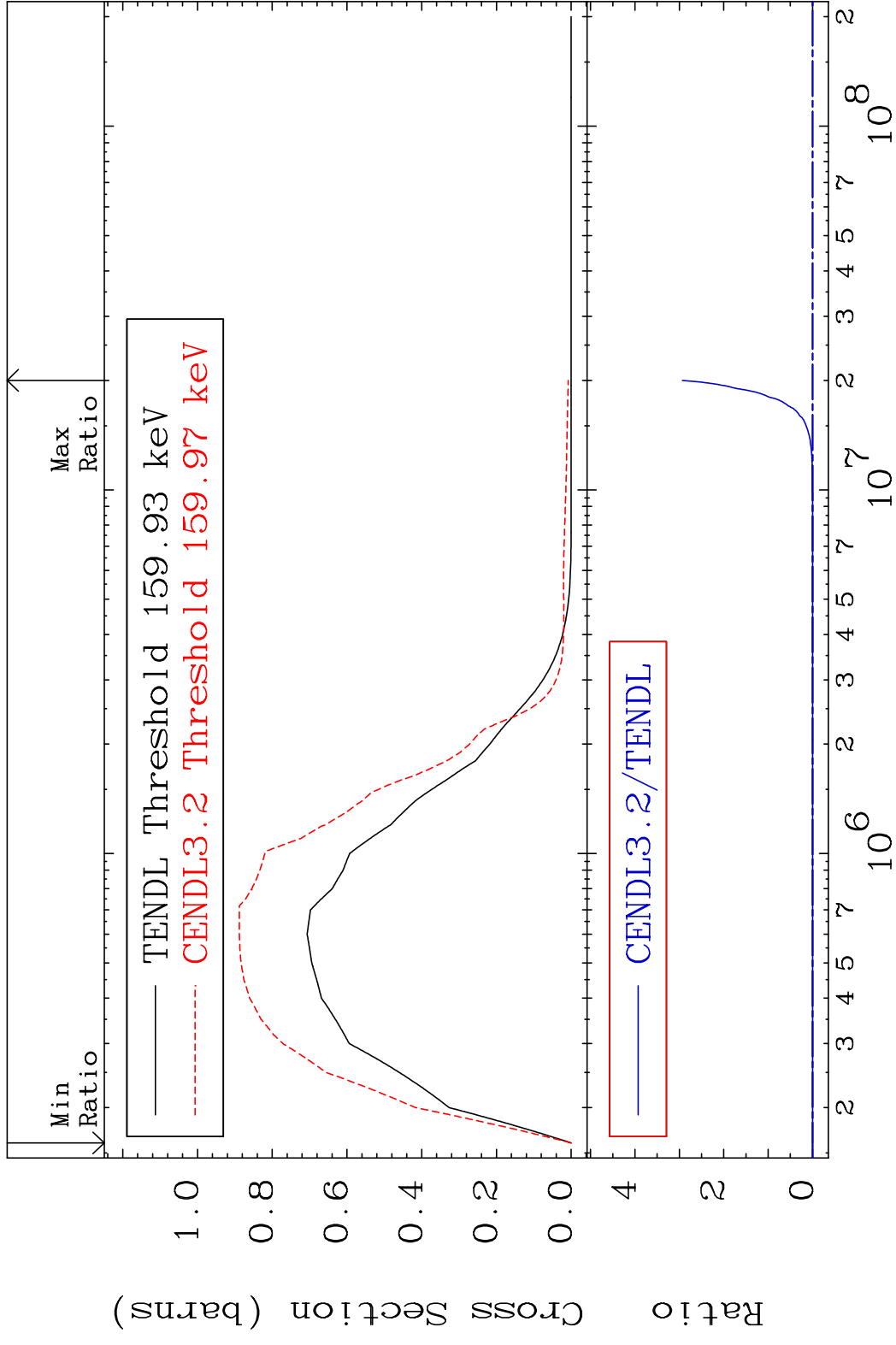
6 50-Sn-117

MAT 5040 (n, n') p 50-Sn-117
 Cross Section -100.0 To 62.67 %

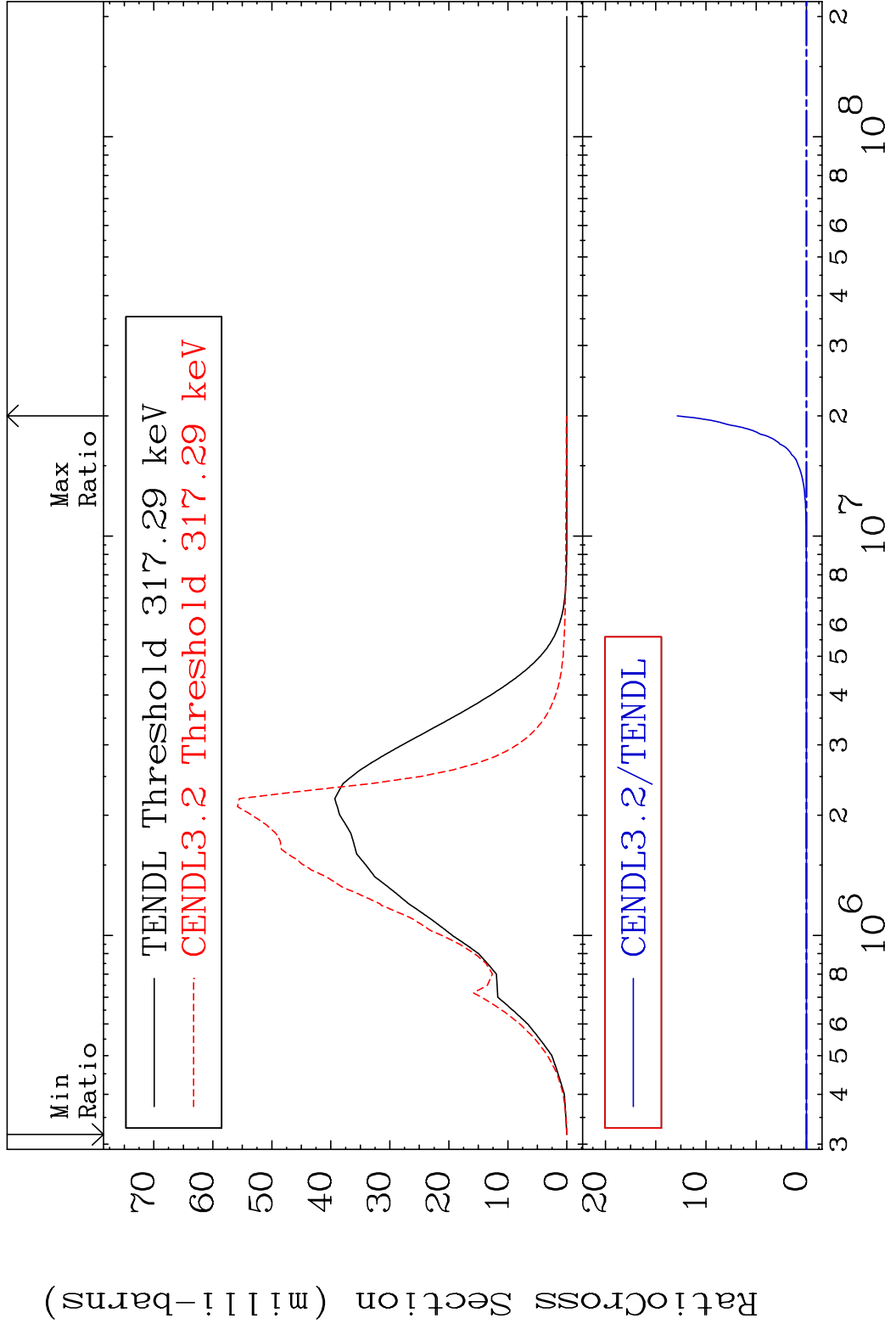


7 10⁷ 2 10⁸ 50-Sn-117

MAT 5040 MT= 51 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %

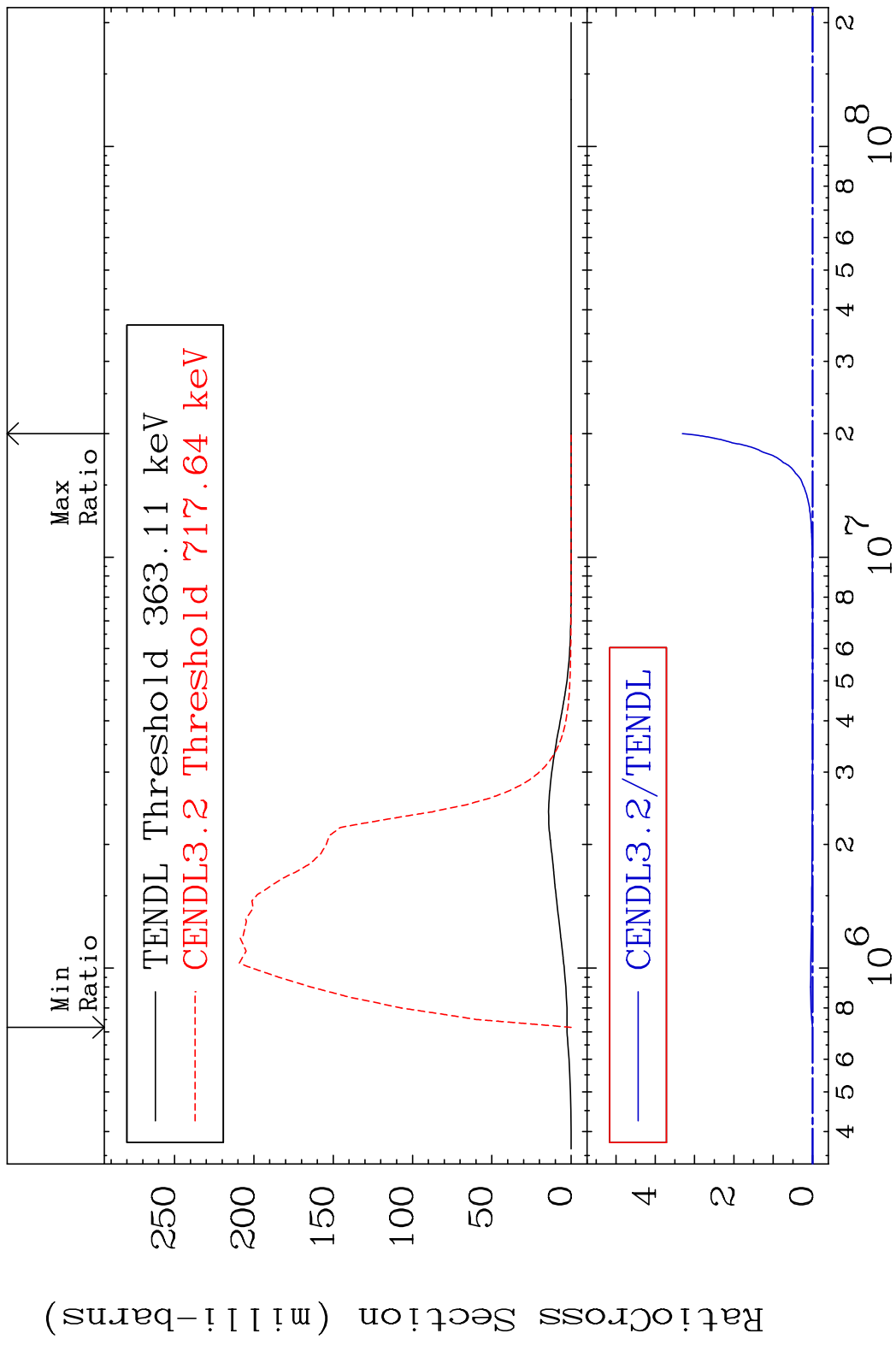


MAT 5040 MT= 52 (n,n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



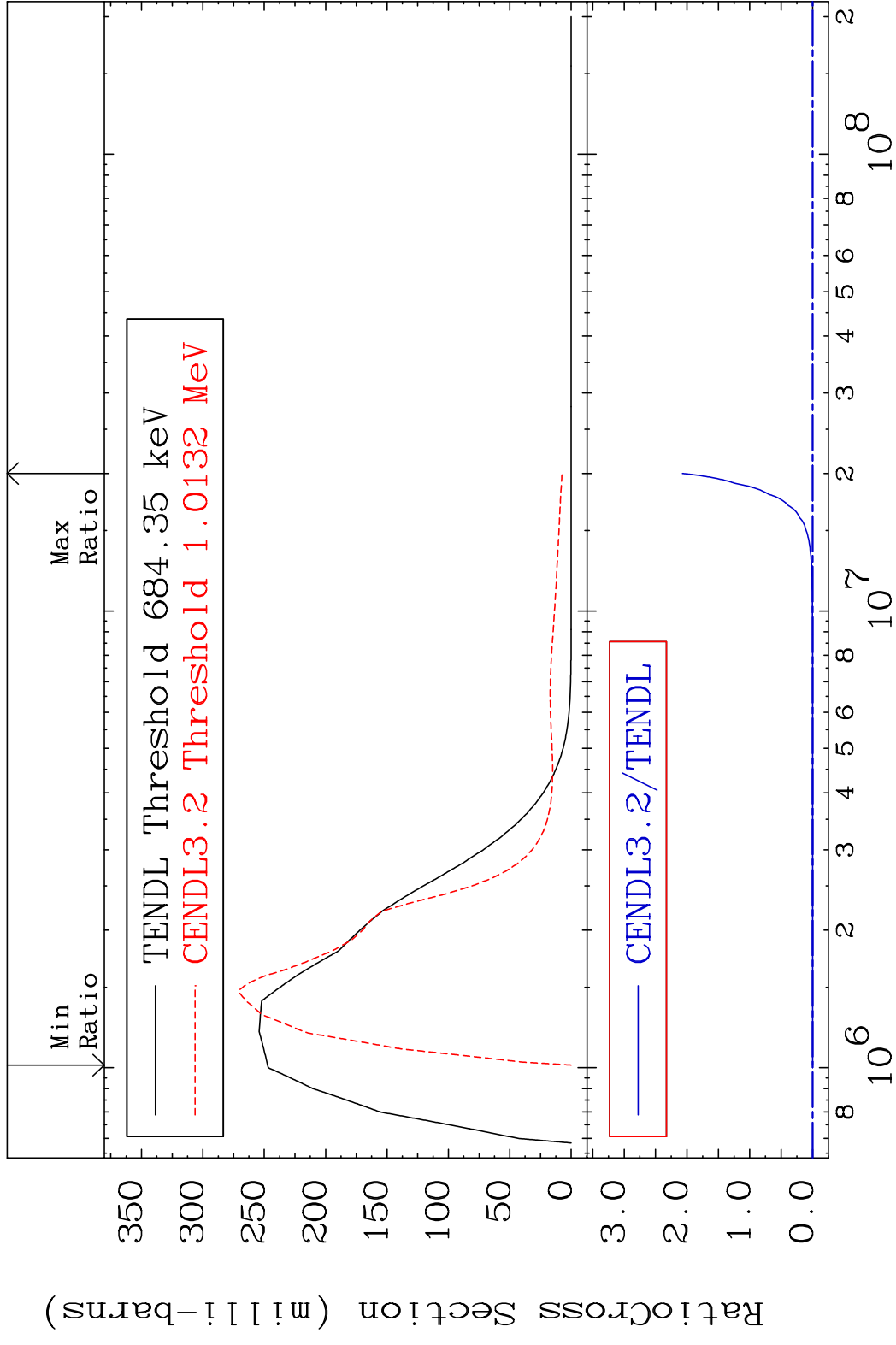
9 Incident Energy (eV) 50-Sn-117

MAT 5040 MT= 53 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %

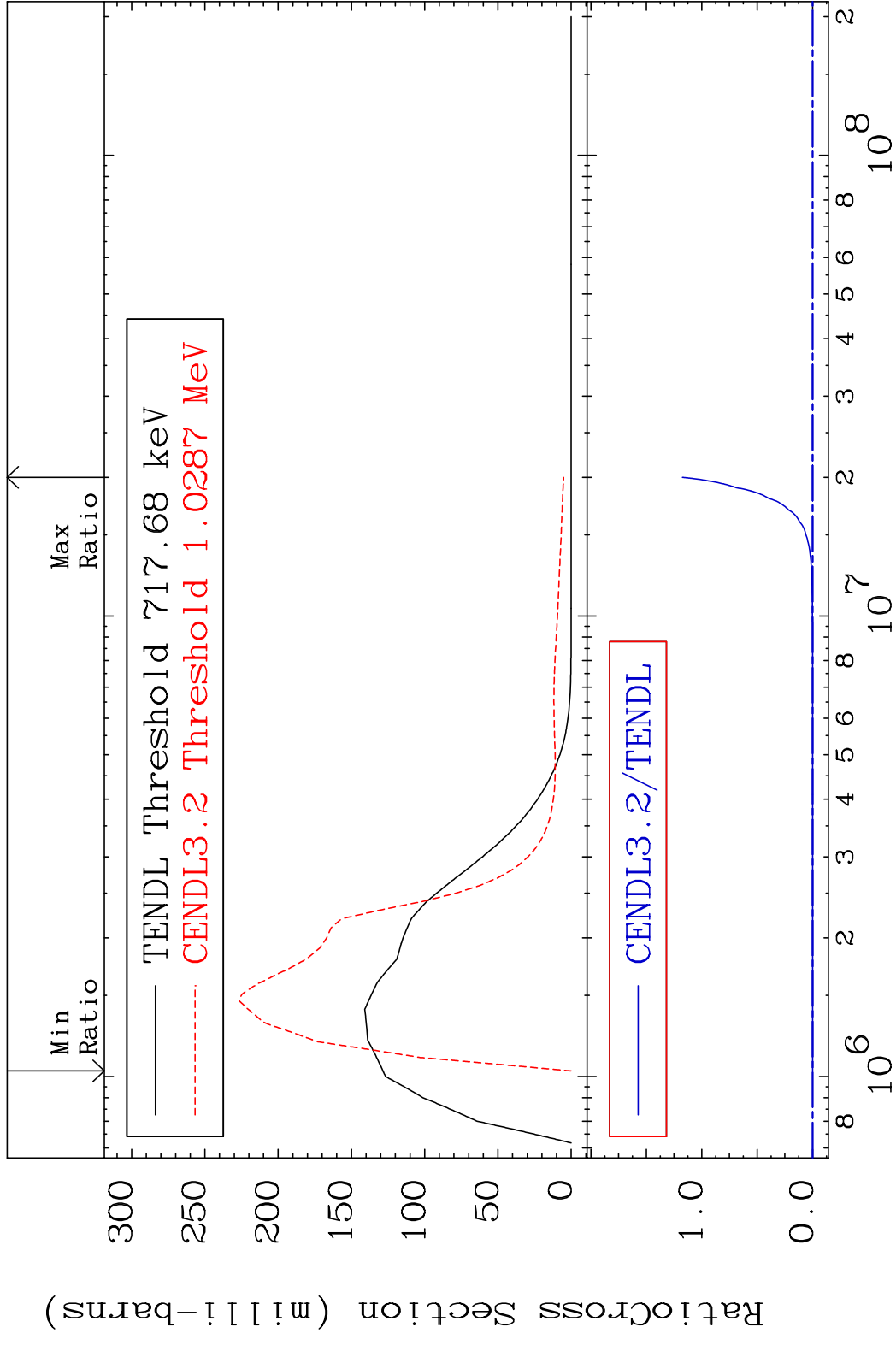


10 Incident Energy (eV) 50-Sn-117

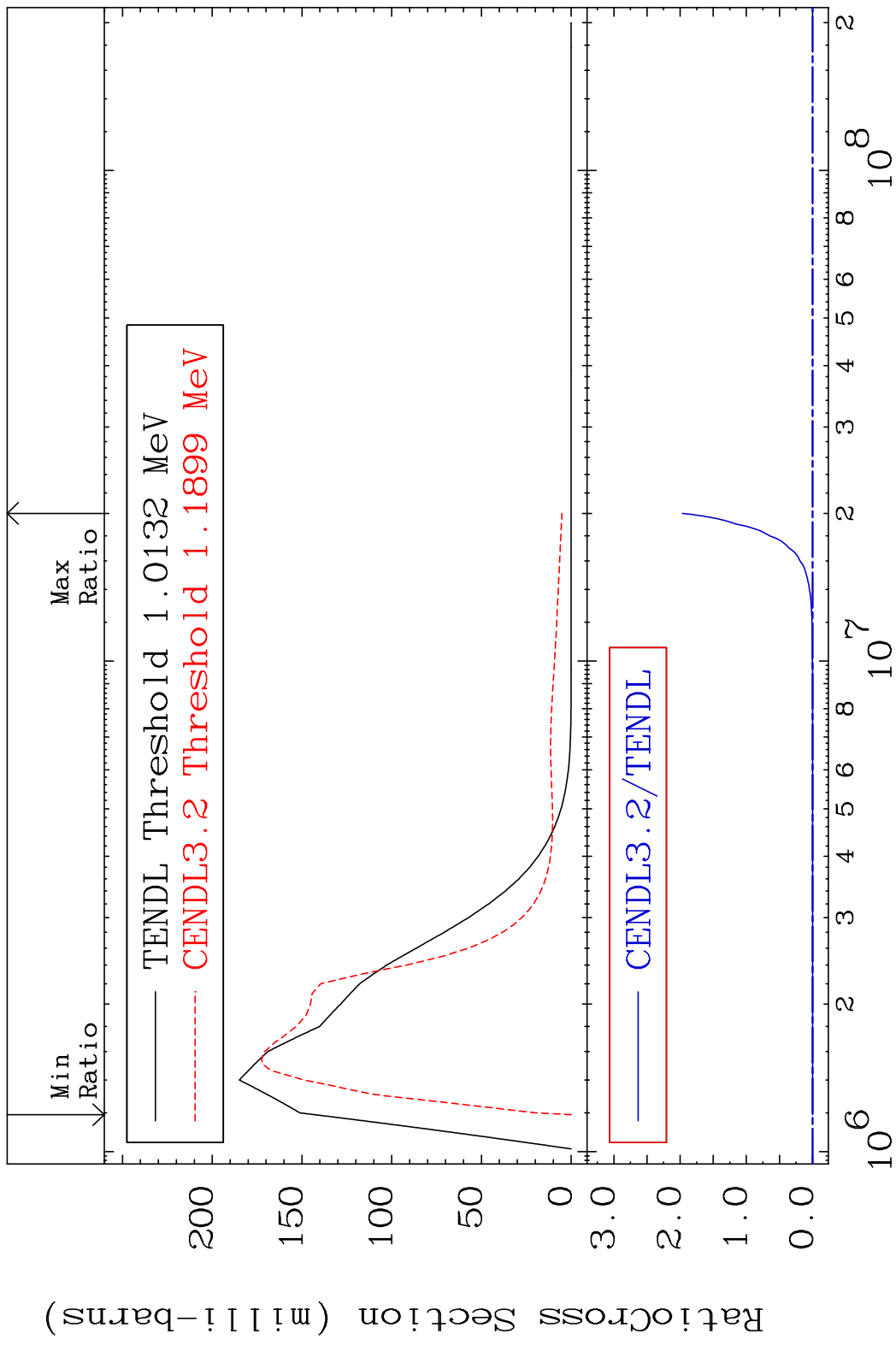
MAT 5040 MT= 54 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



MAT 5040 MT= 55 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %

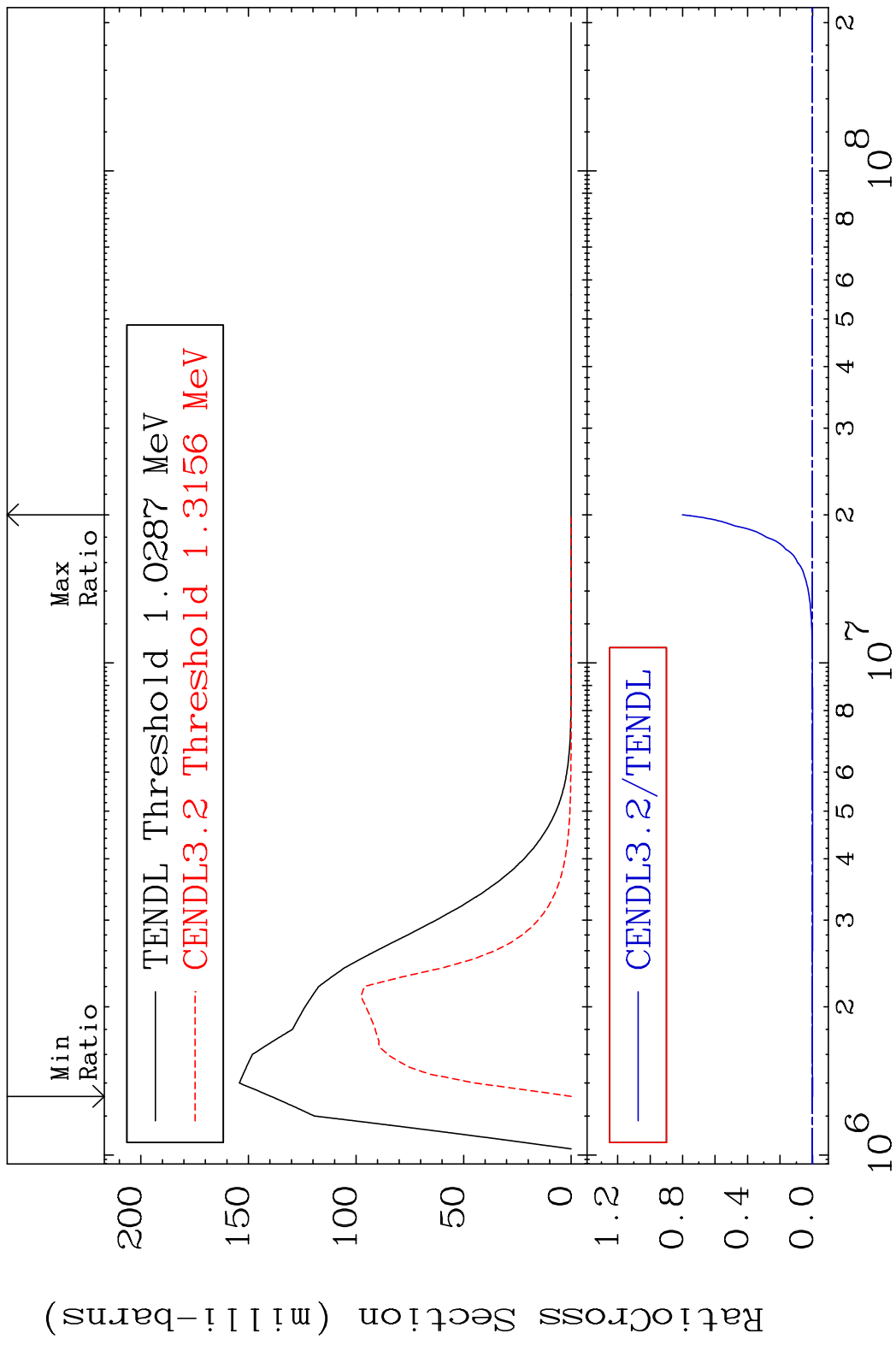


MAT 5040 MT= 56 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



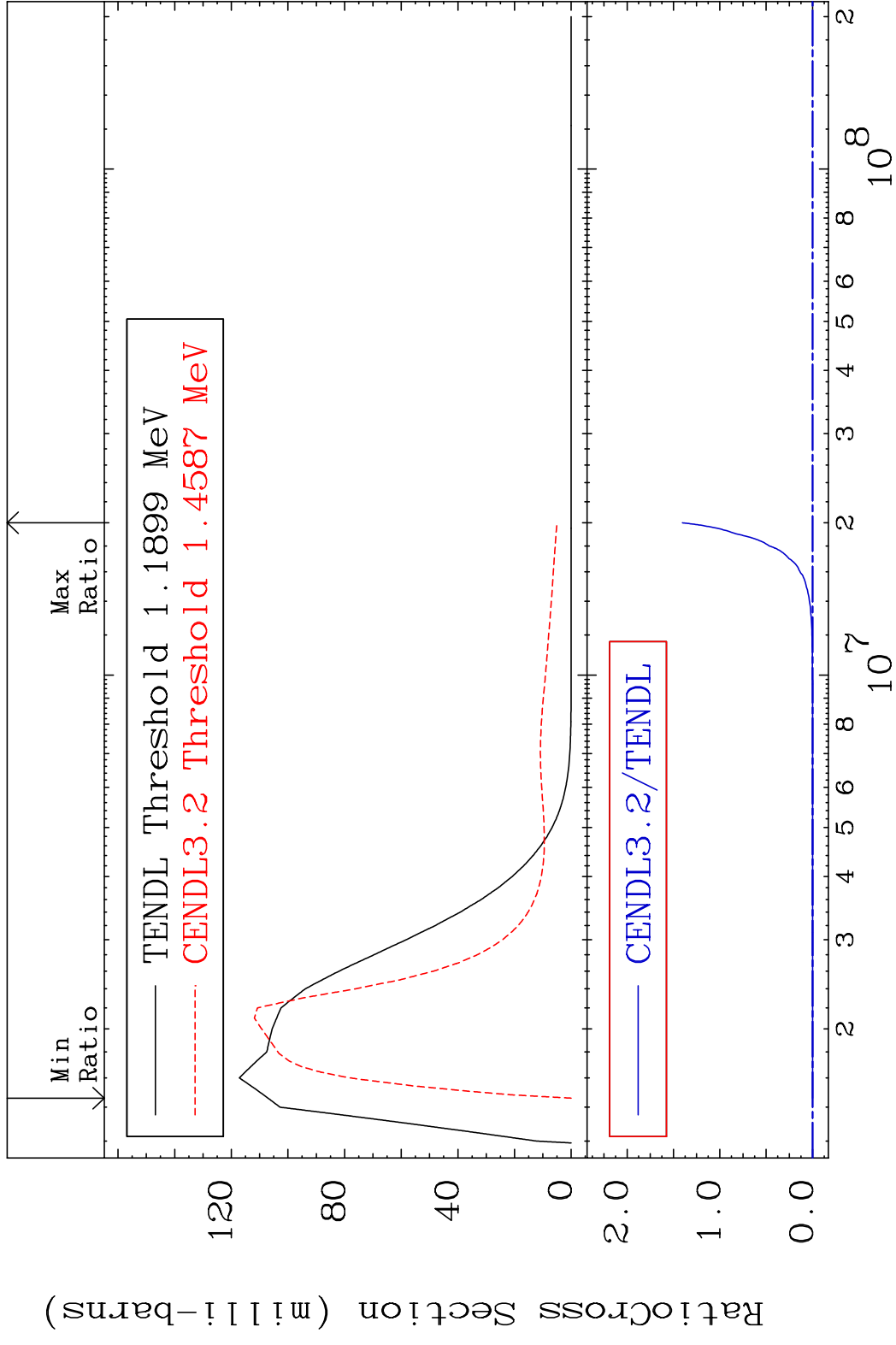
13 Incident Energy (eV) 50-Sn-117

MAT 5040 MT= 57 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %

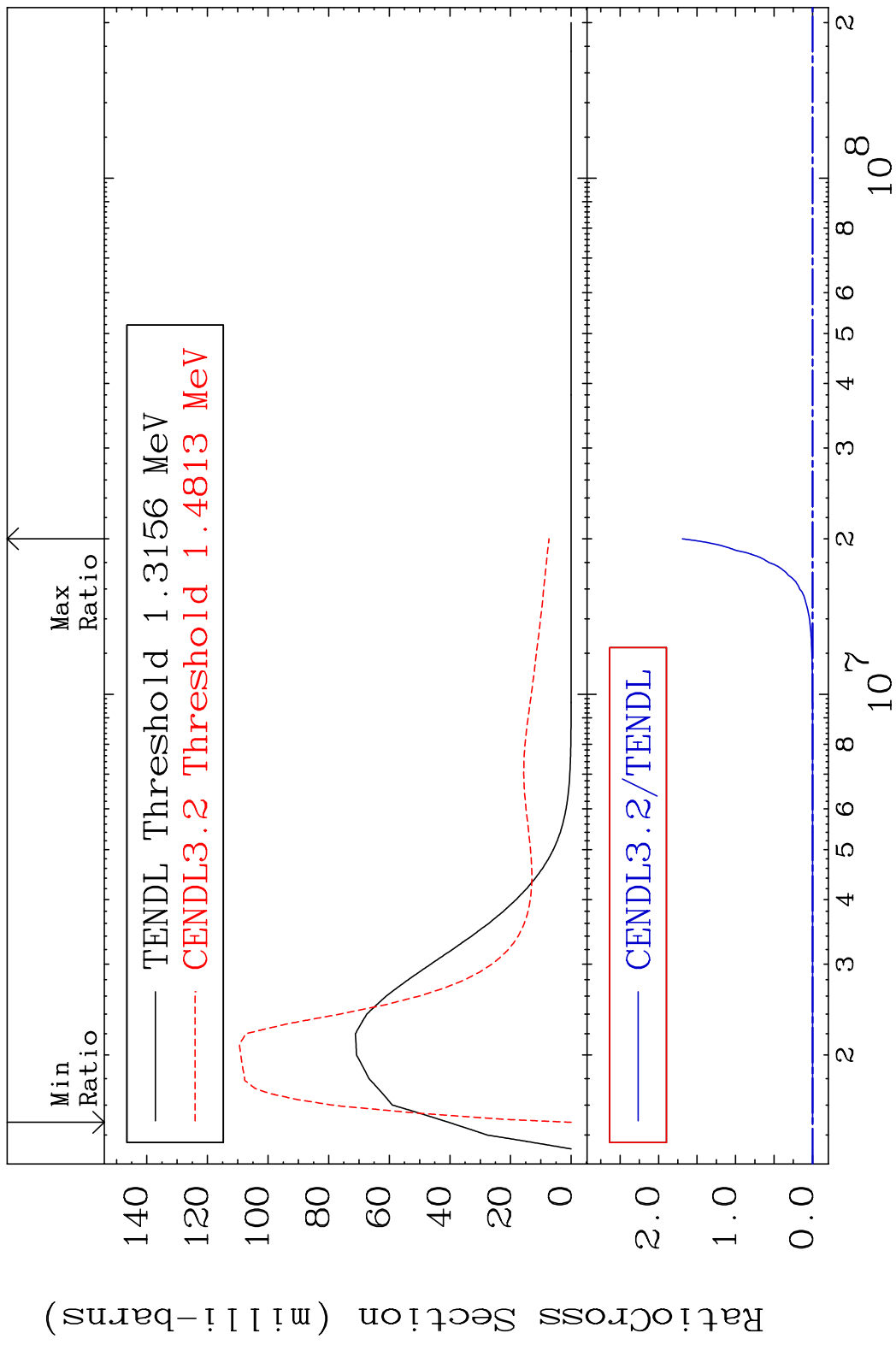


14 Incident Energy (eV) 50-Sn-117

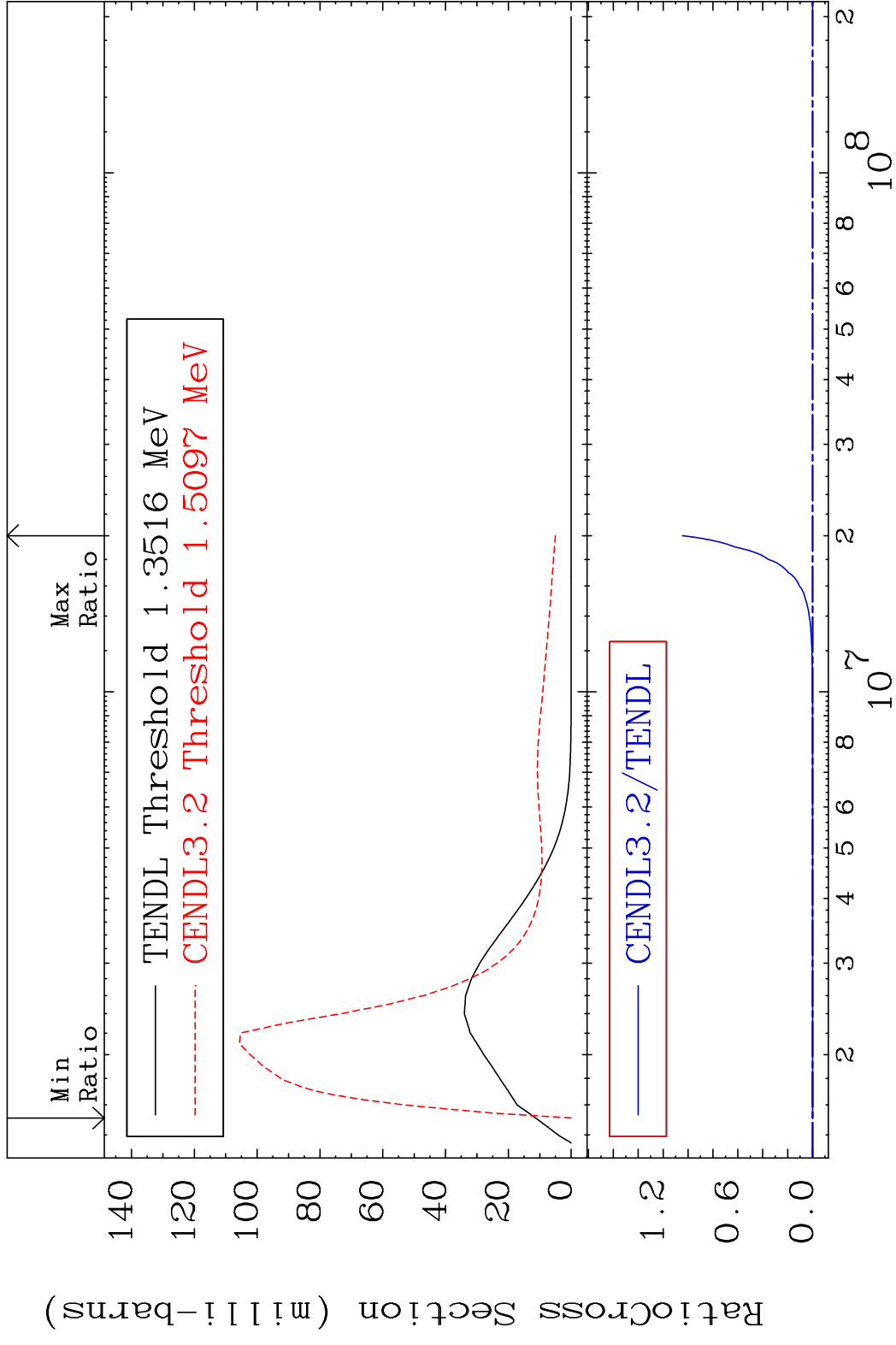
MAT 5040 MT= 58 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



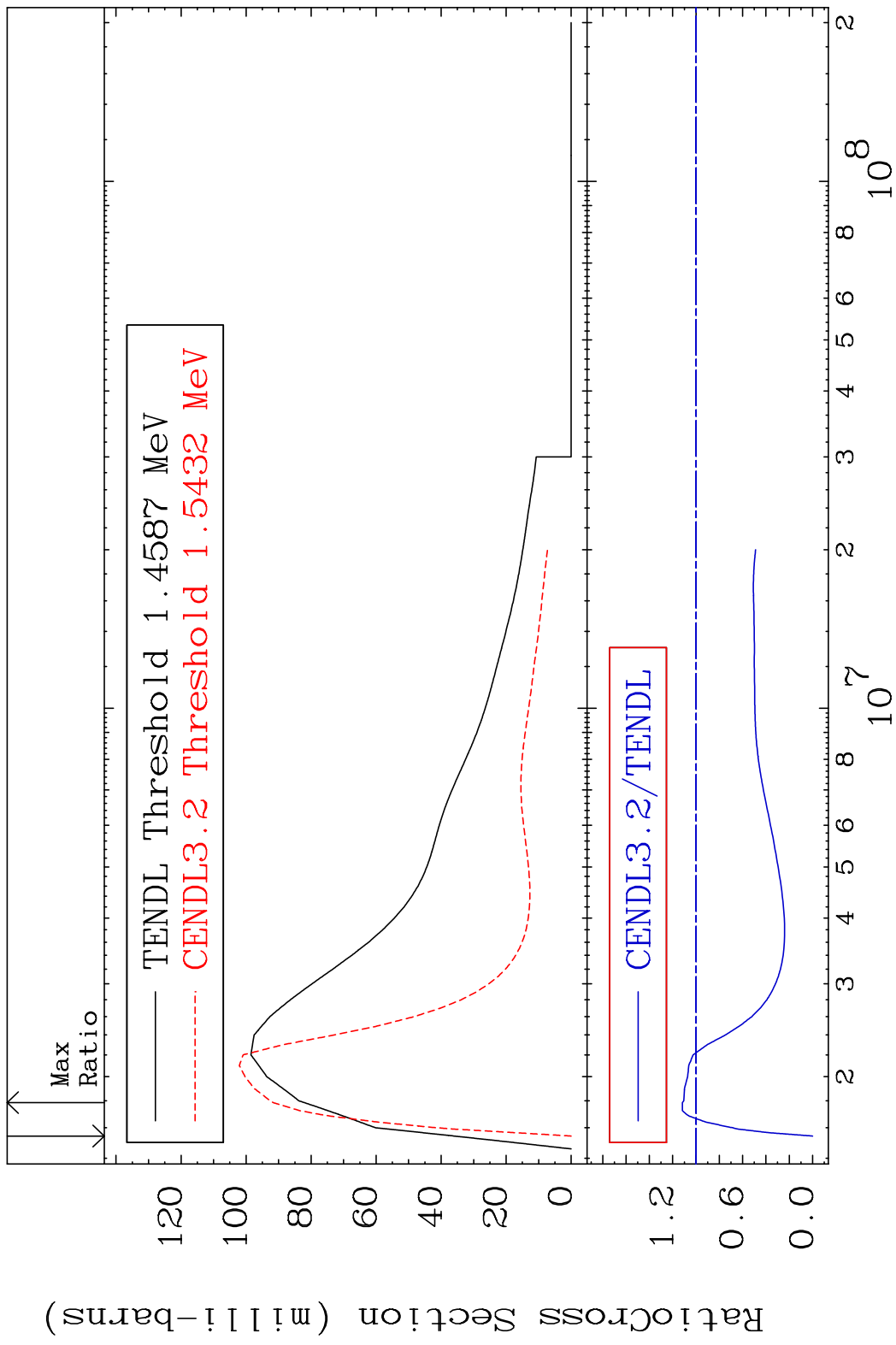
MAT 5040 MT= 59 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



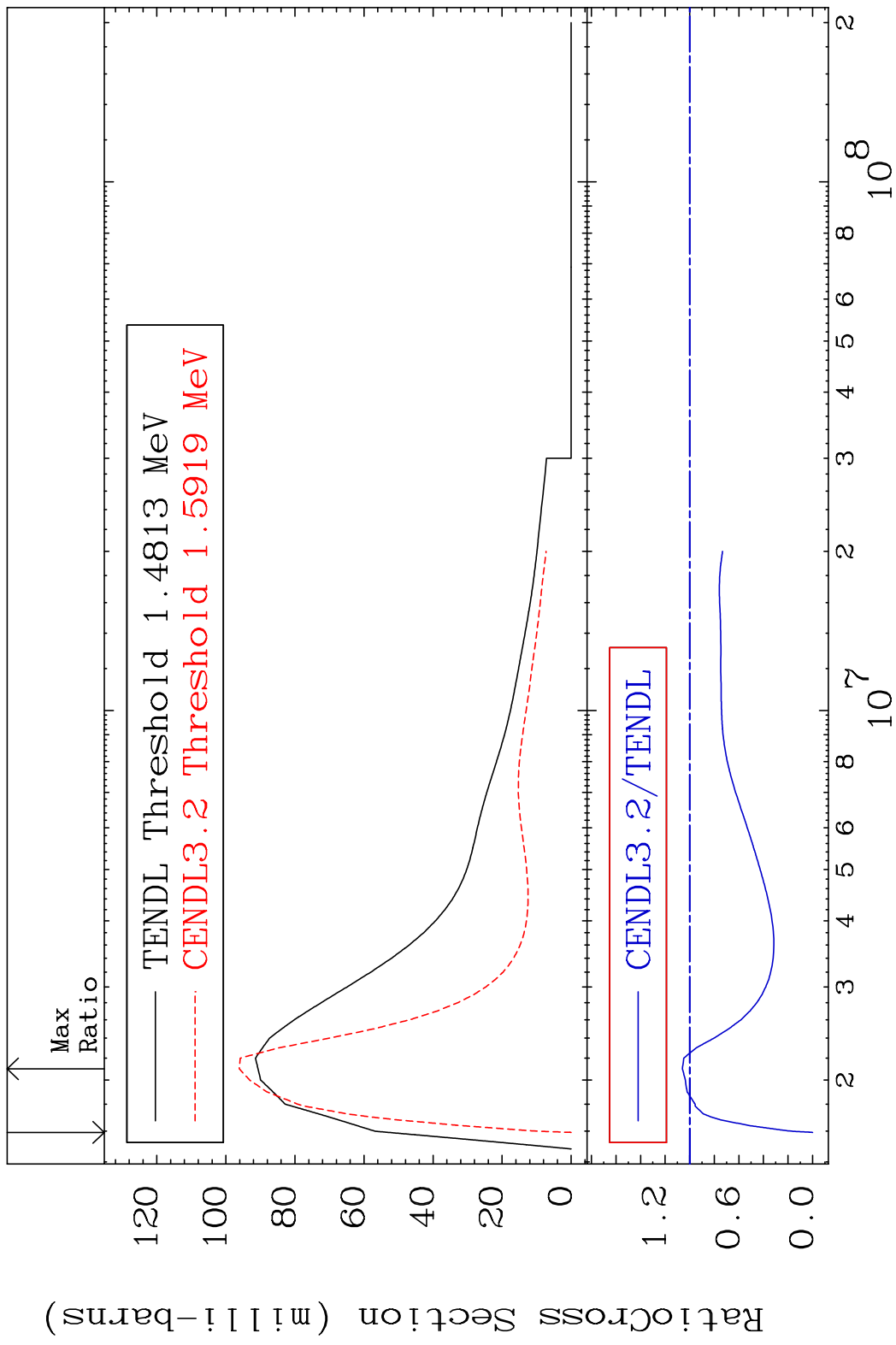
MAT 5040 MT= 60 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



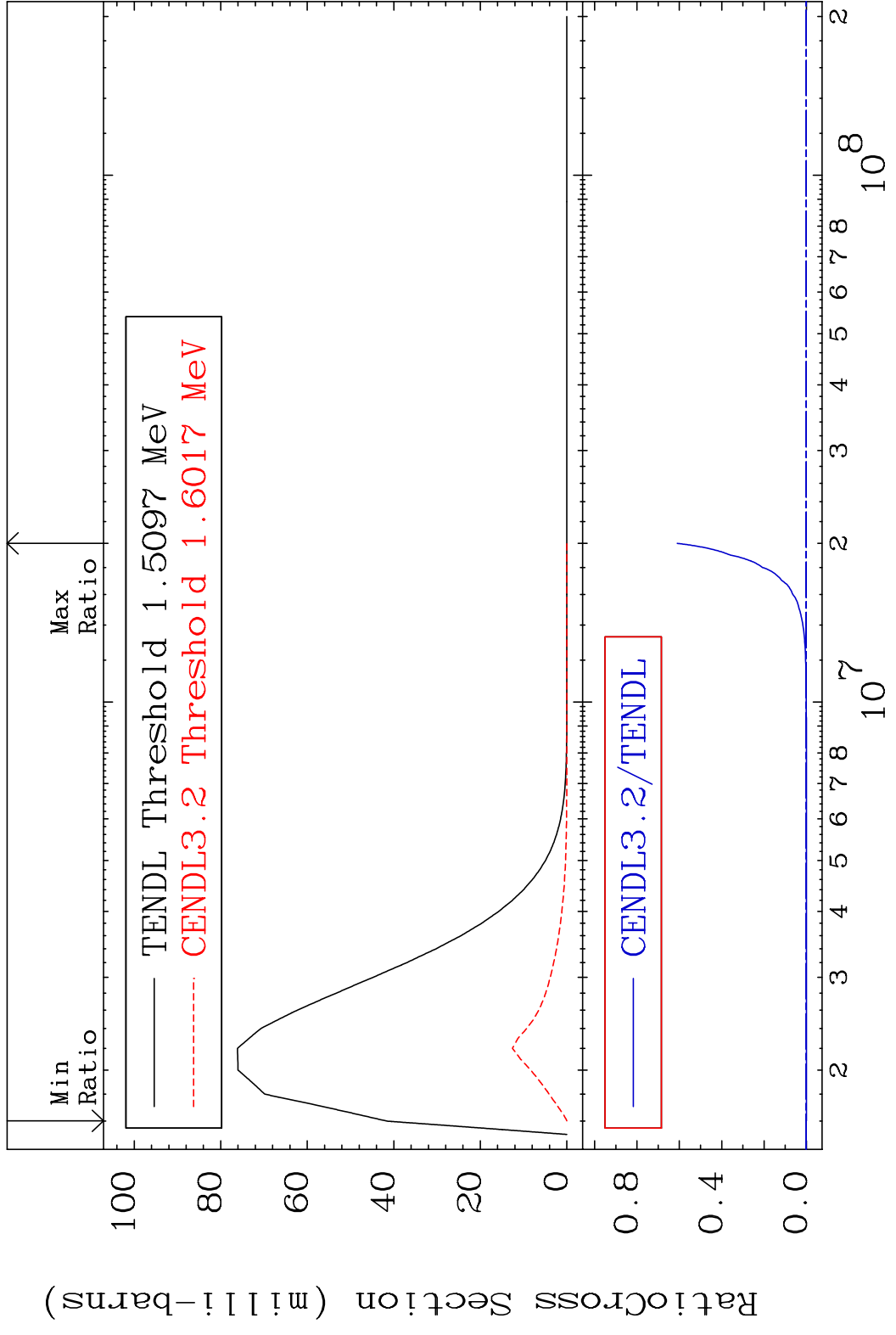
MAT 5040 MT= 61 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 11.70 %



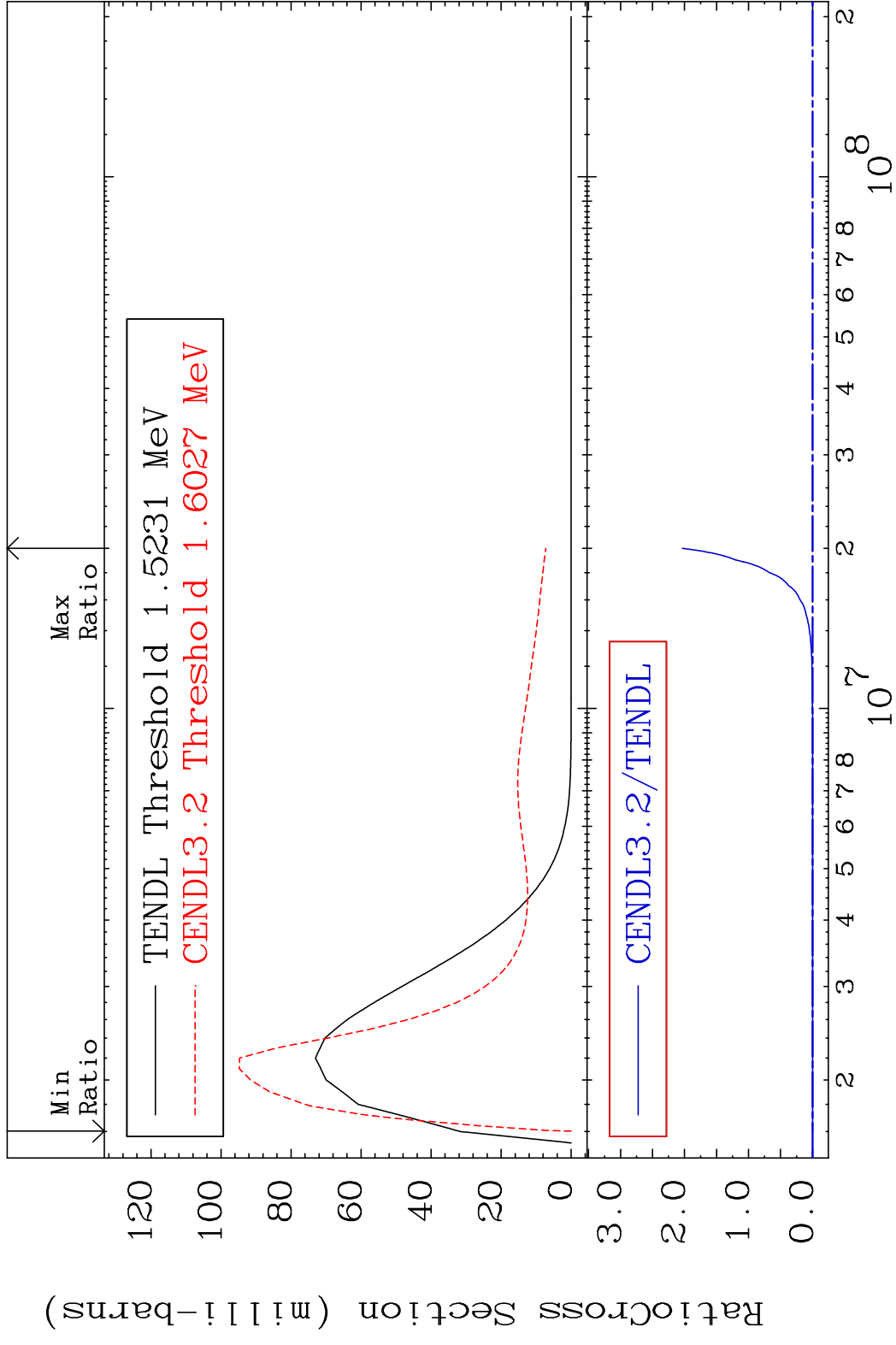
MAT 5040 MT= 62 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 5.971 %



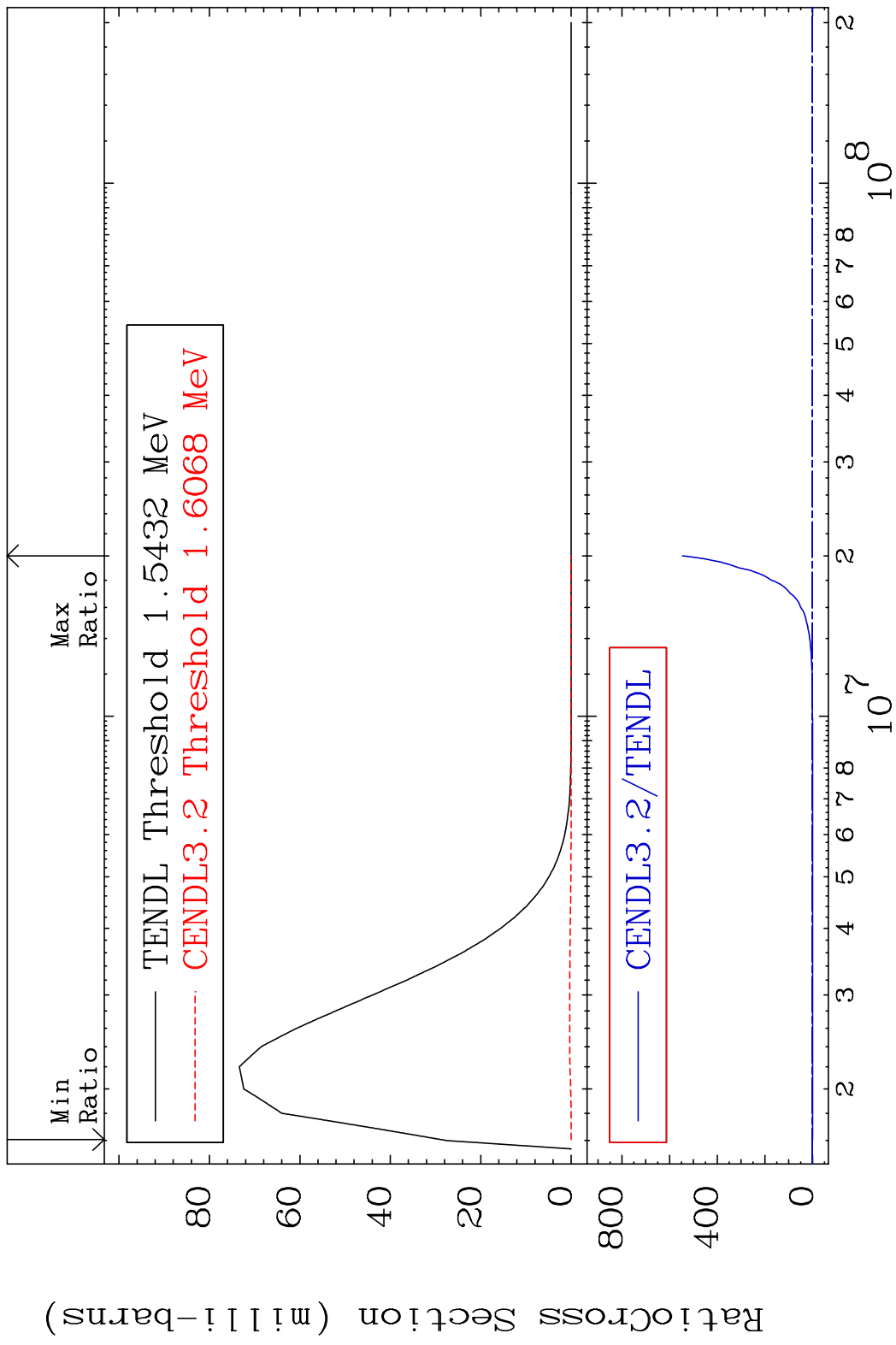
MAT 5040 MT= 63 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



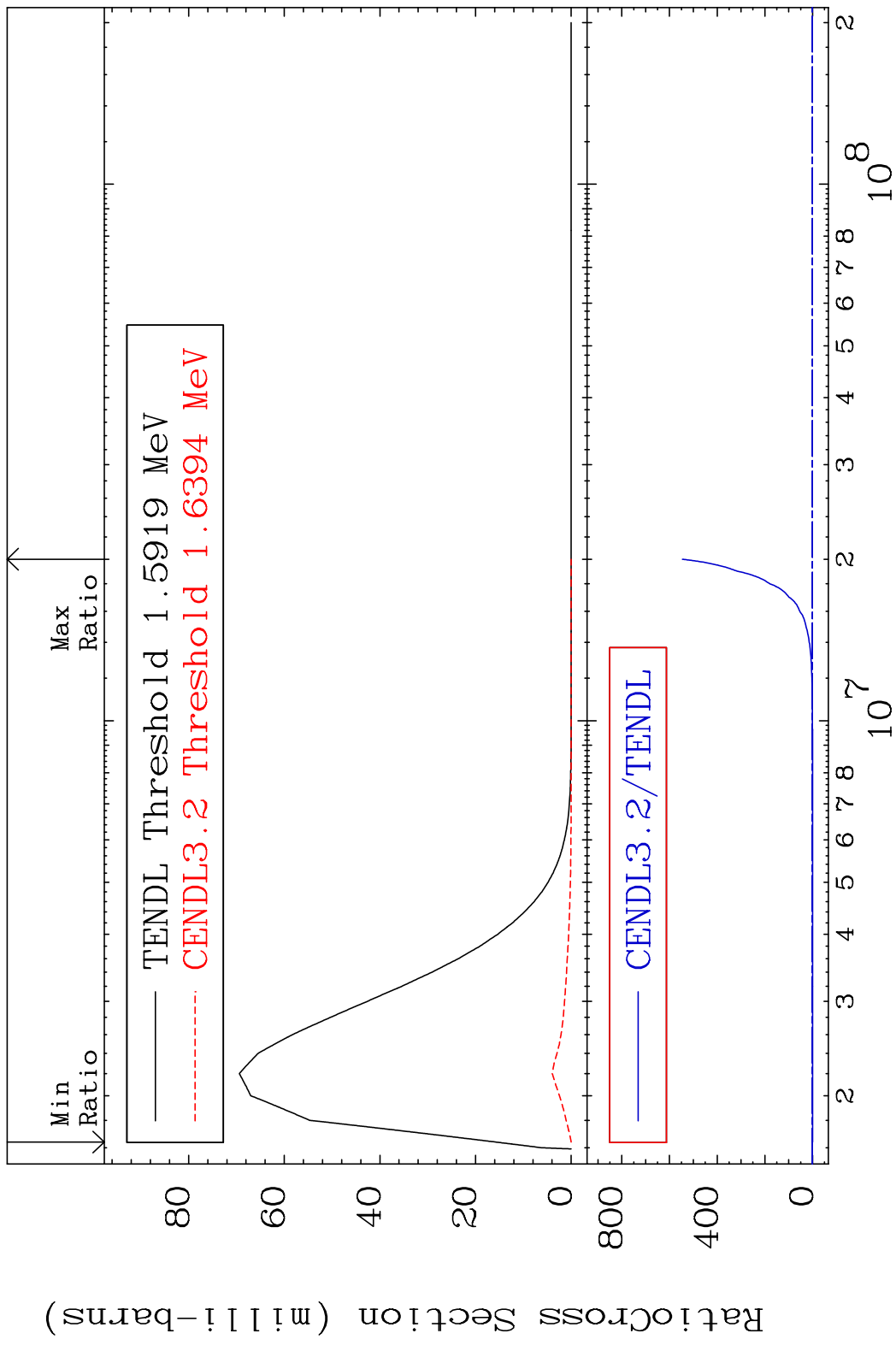
MAT 5040 MT= 64 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



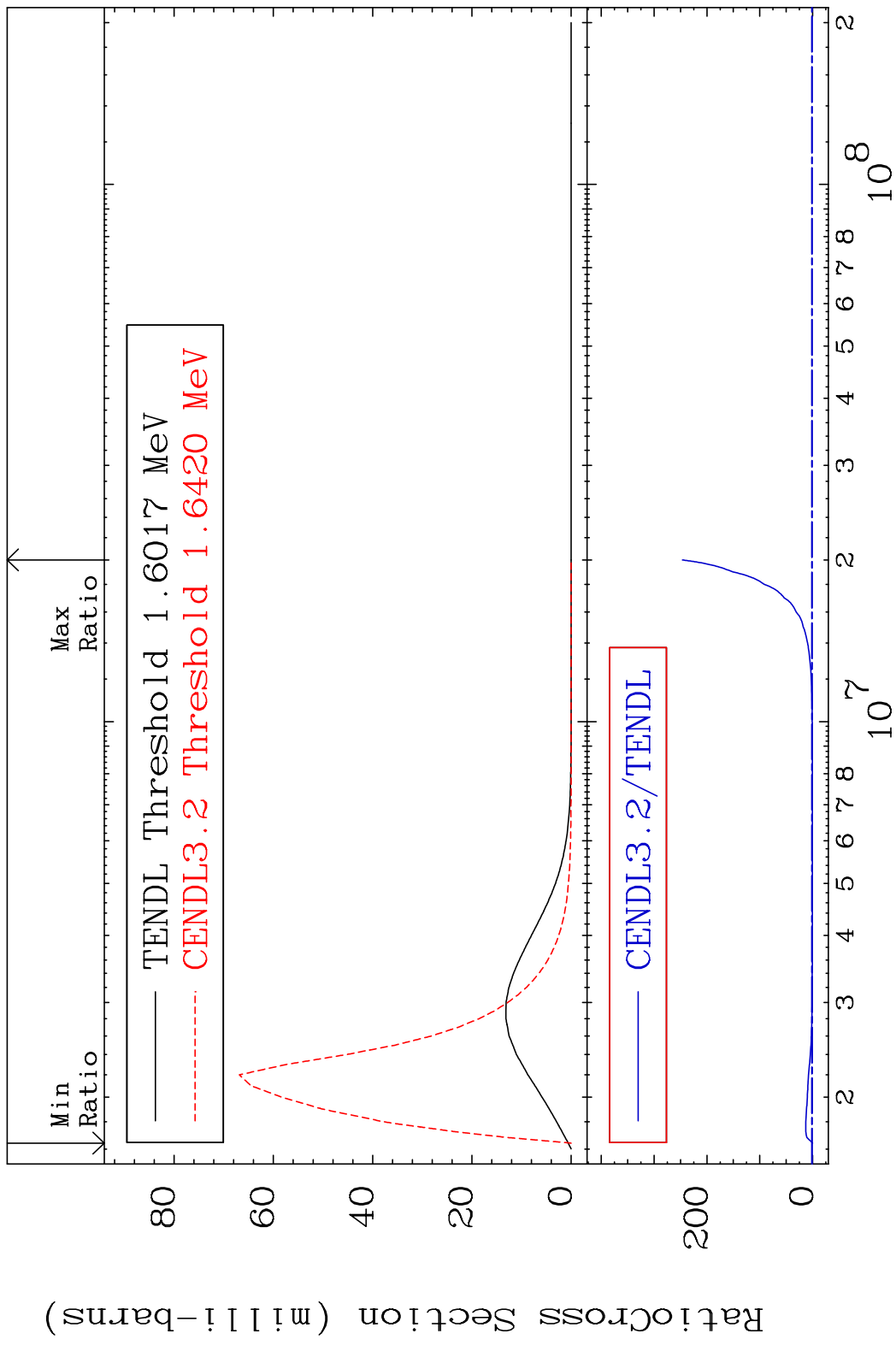
MAT 5040 MT= 65 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



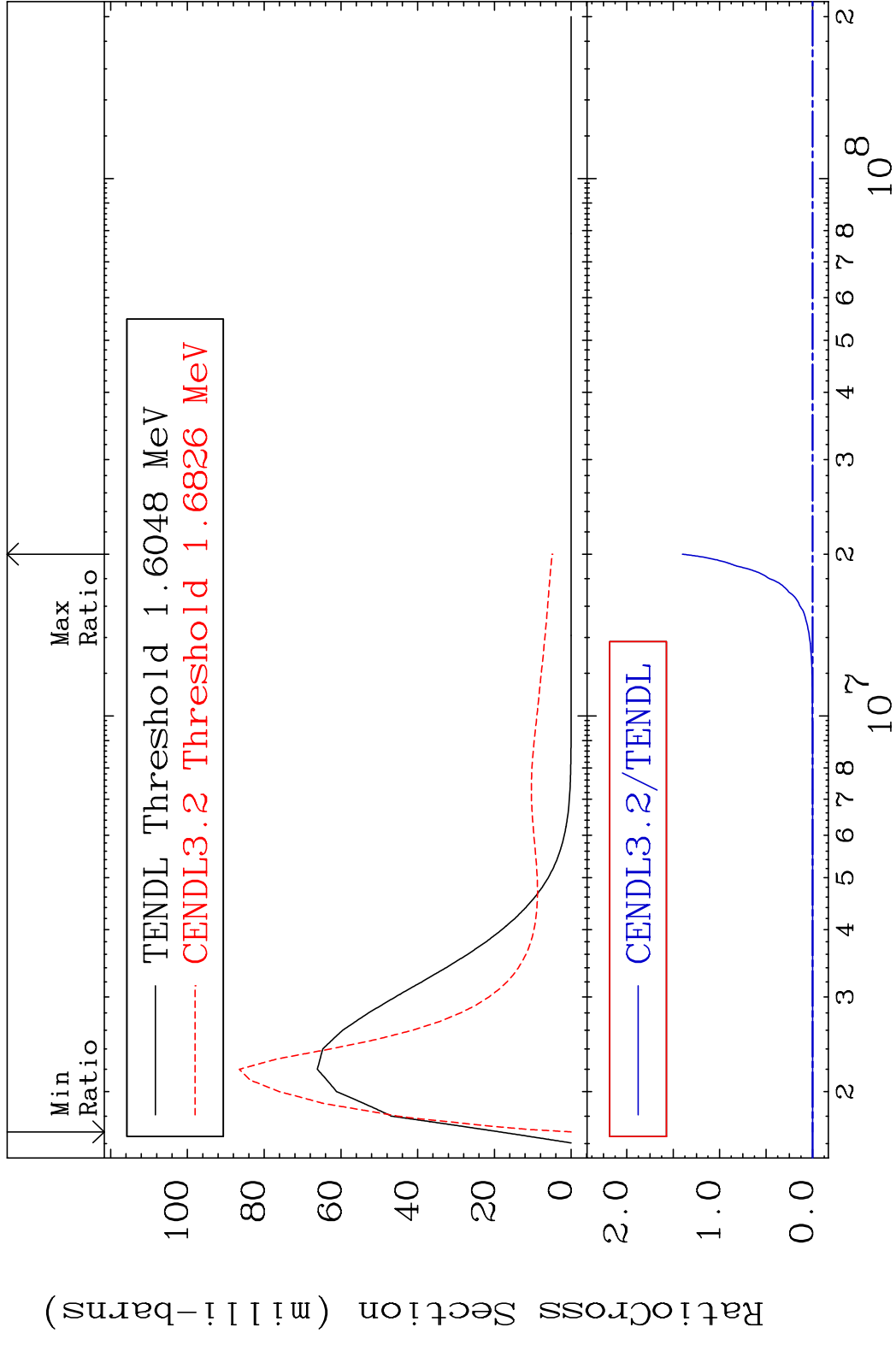
MAT 5040 MT= 66 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



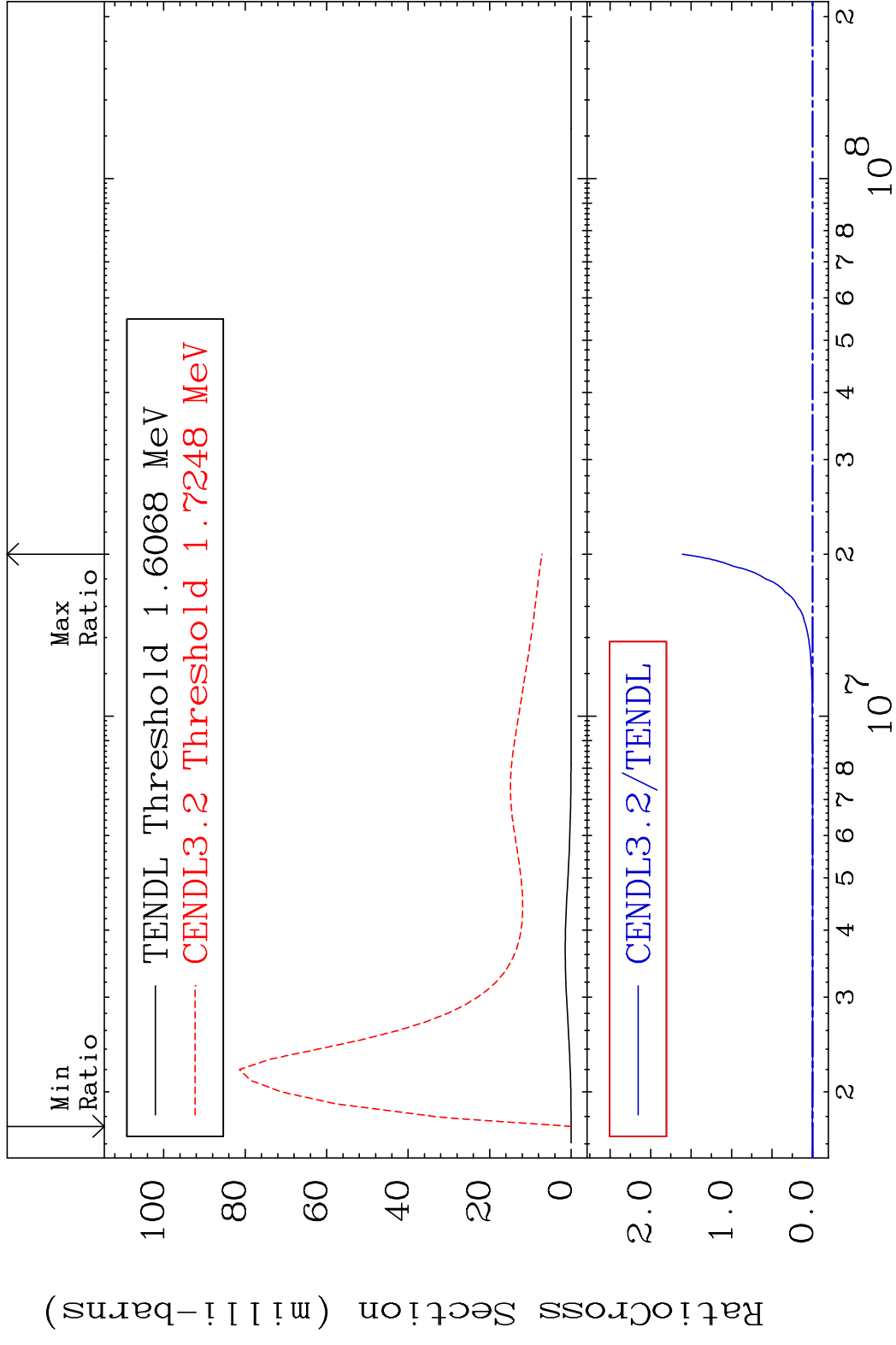
MAT 5040 MT= 67 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



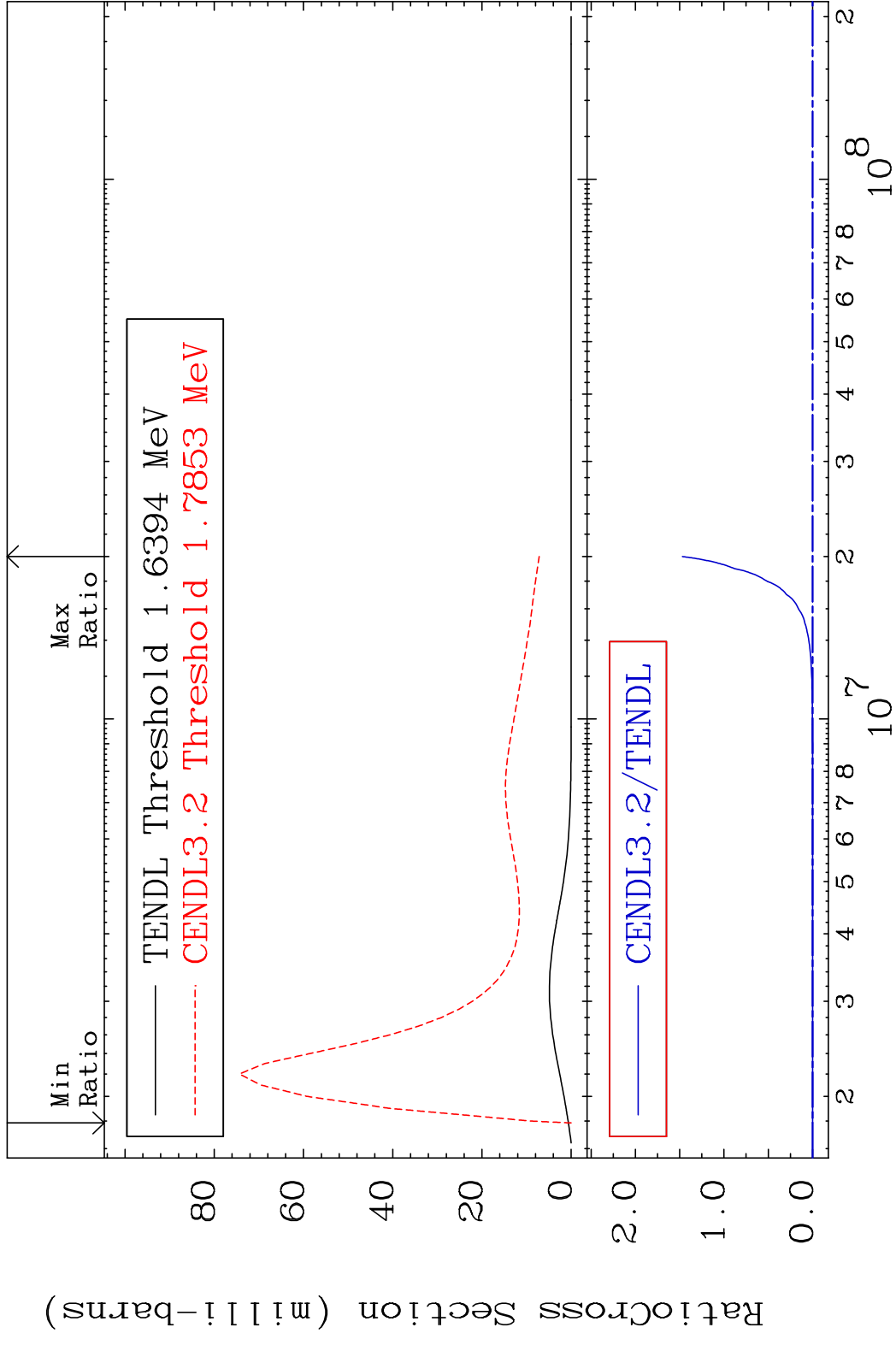
MAT 5040 MT= 68 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



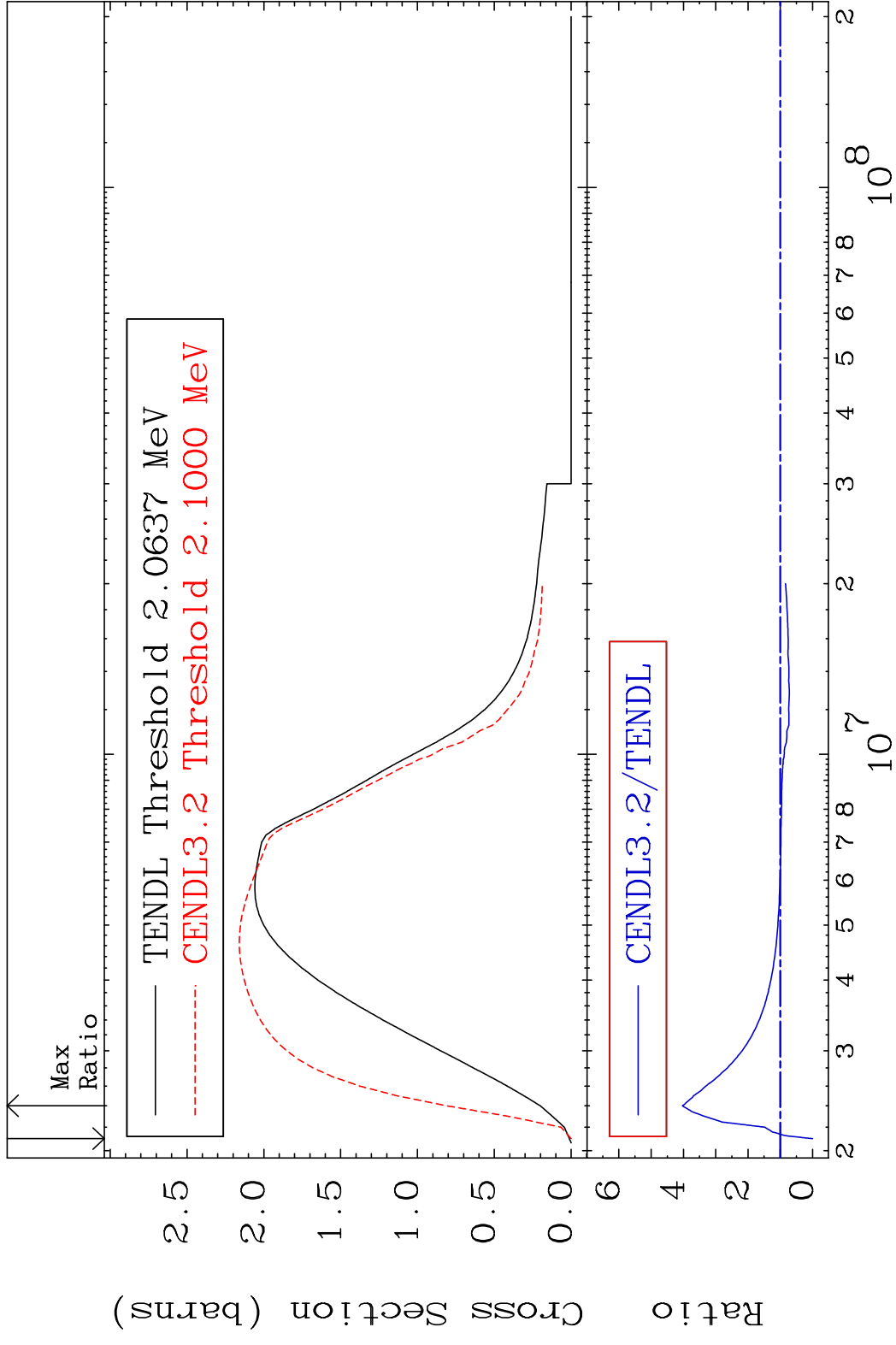
MAT 5040 MT= 69 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



MAT 5040 MT= 70 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



MAT 5040 (n,n') Continuum 50-Sn-117
 Cross Section -100.0 To 303.3 %

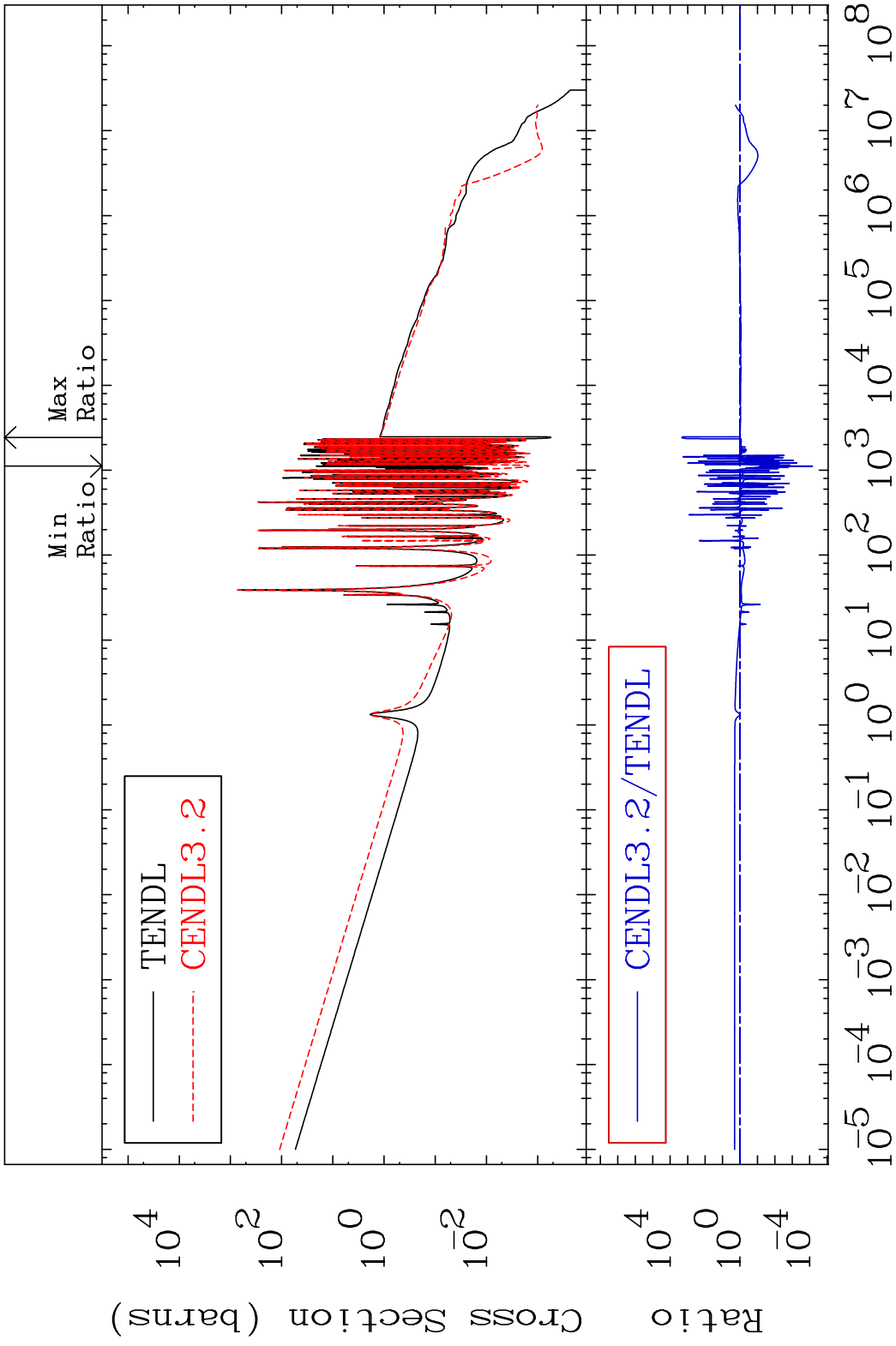


MAT 5040

(n, γ)

50-Sn-117

Cross Section -99.99 To 9999. %

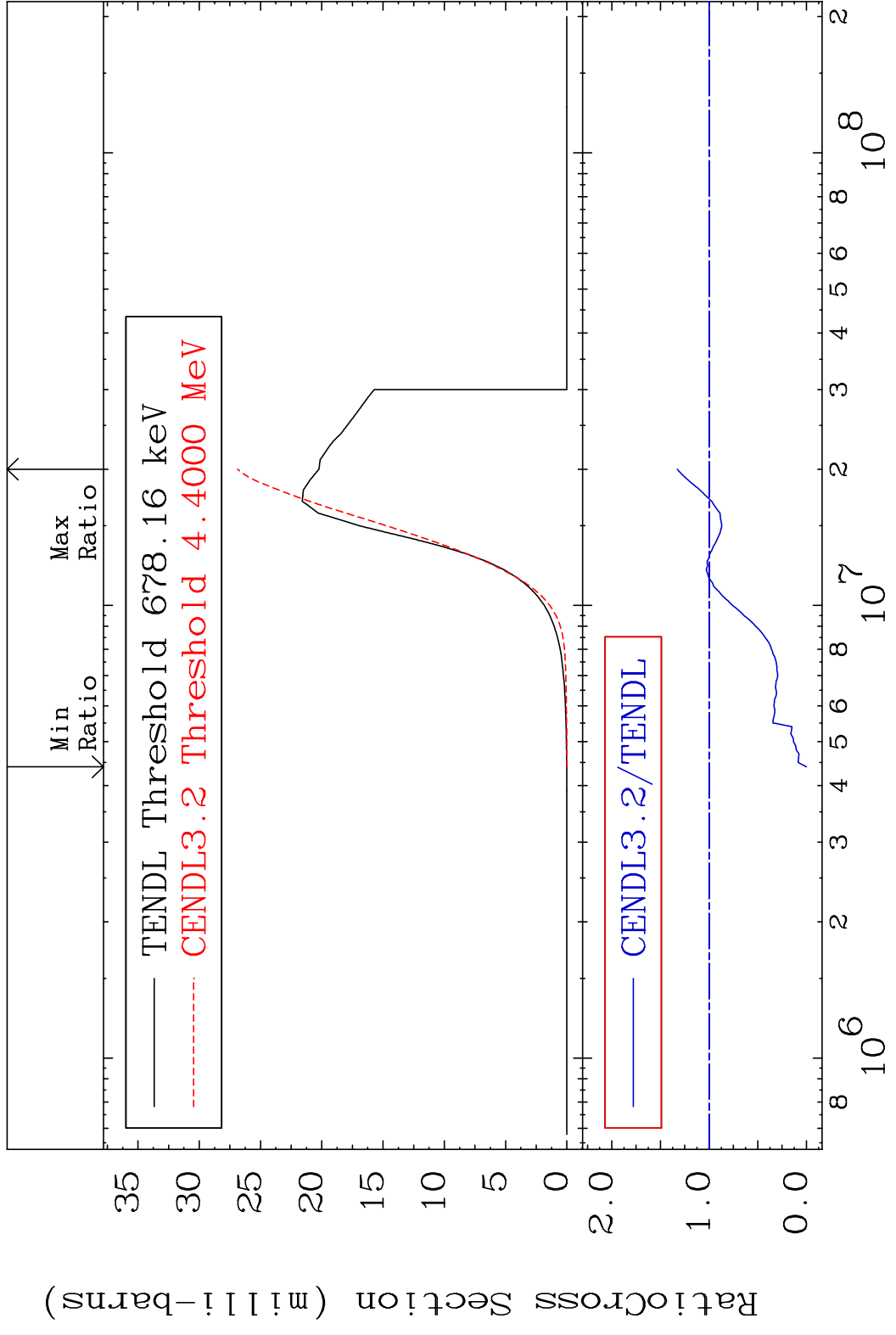


29

Incident Energy (eV)

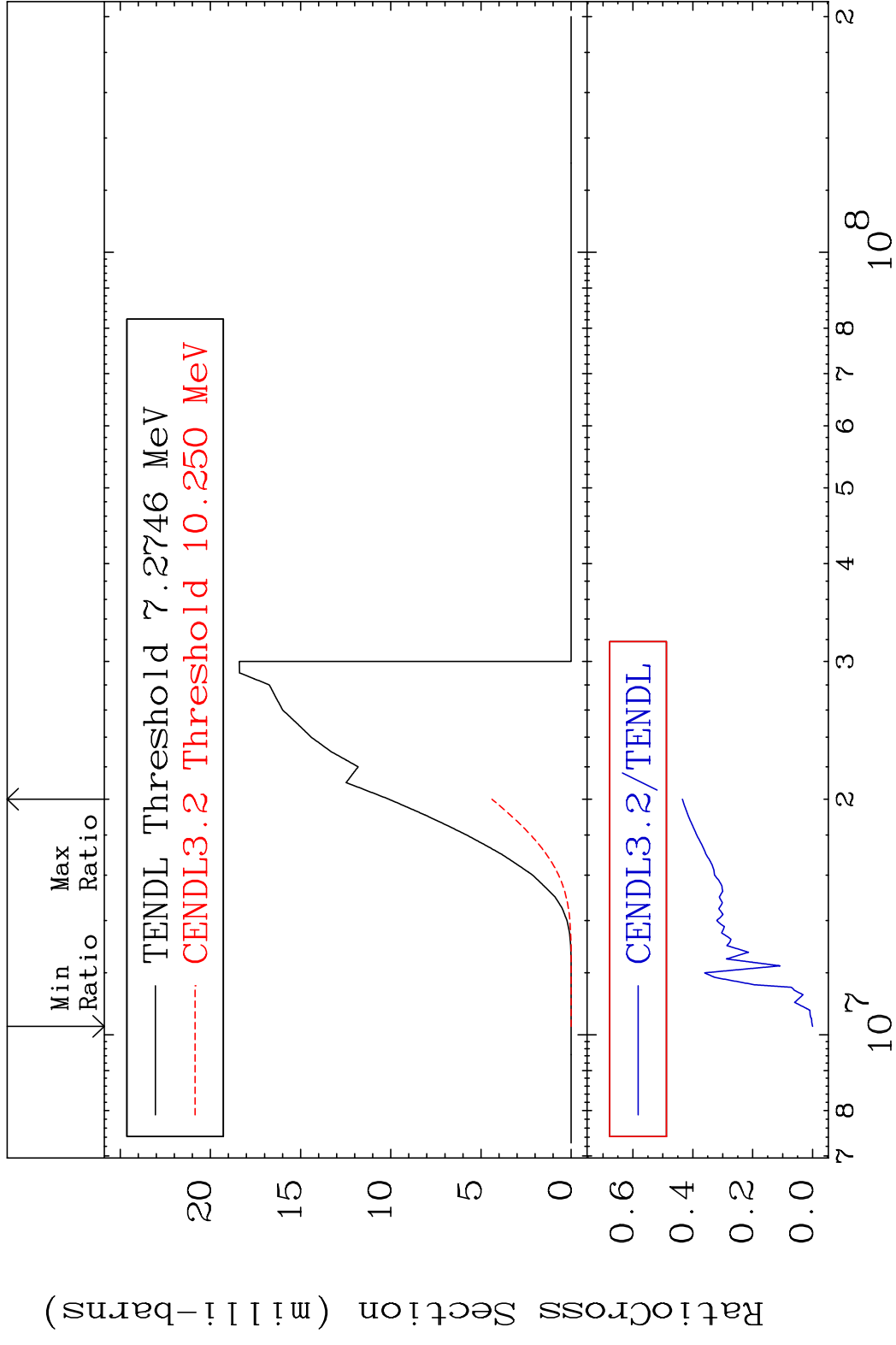
50-Sn-117

MAT 5040 (n,p) 50-Sn-117
 Cross Section -100.0 To 32.81 %

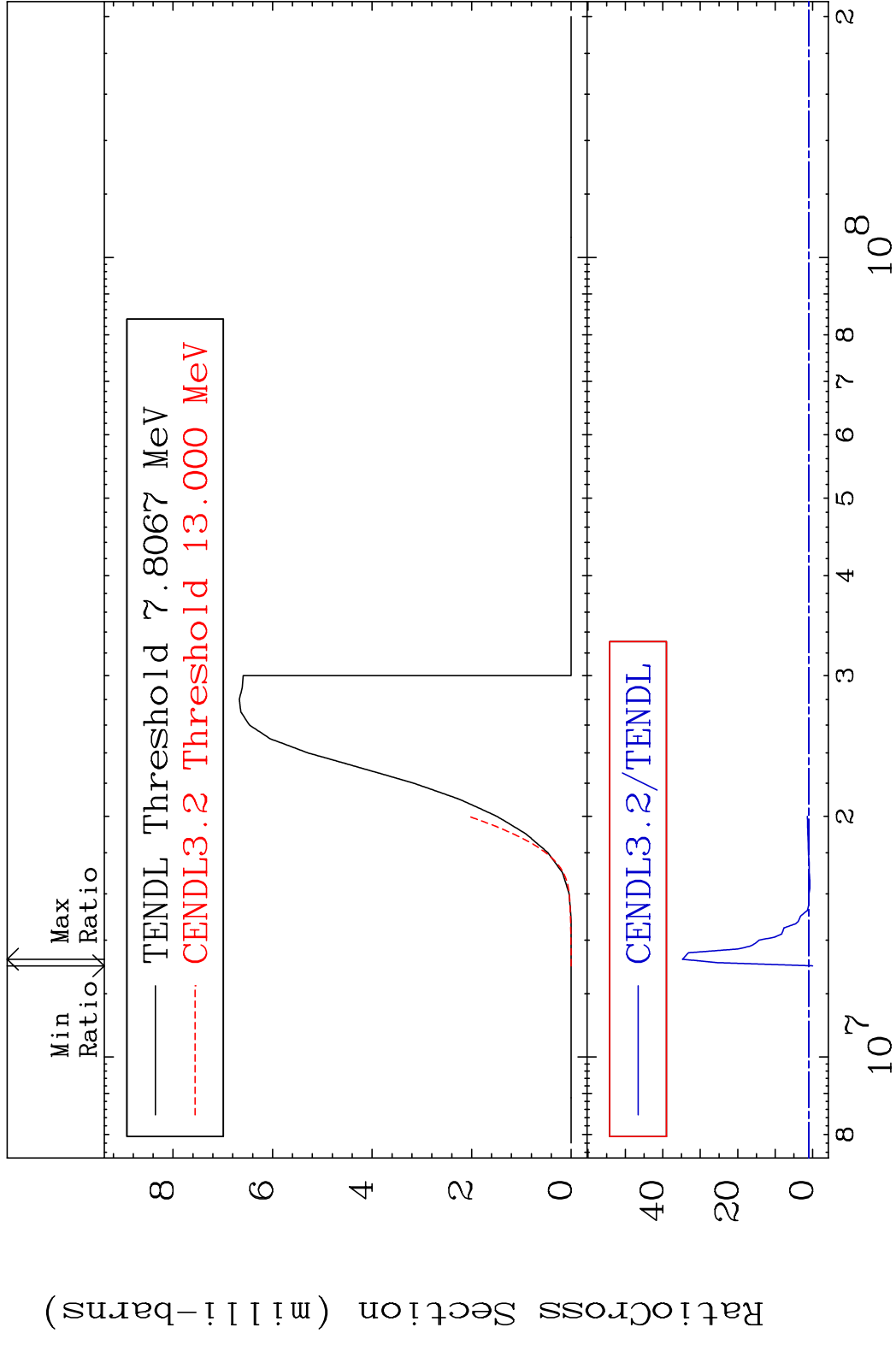


30 Incident Energy (eV) 50-Sn-117

MAT 5040 (n,d) 50-Sn-117
 Cross Section -100.0 To -56.51%



MAT 5040 (n, t) 50-Sn-117
 Cross Section -100.0 To 3379. %



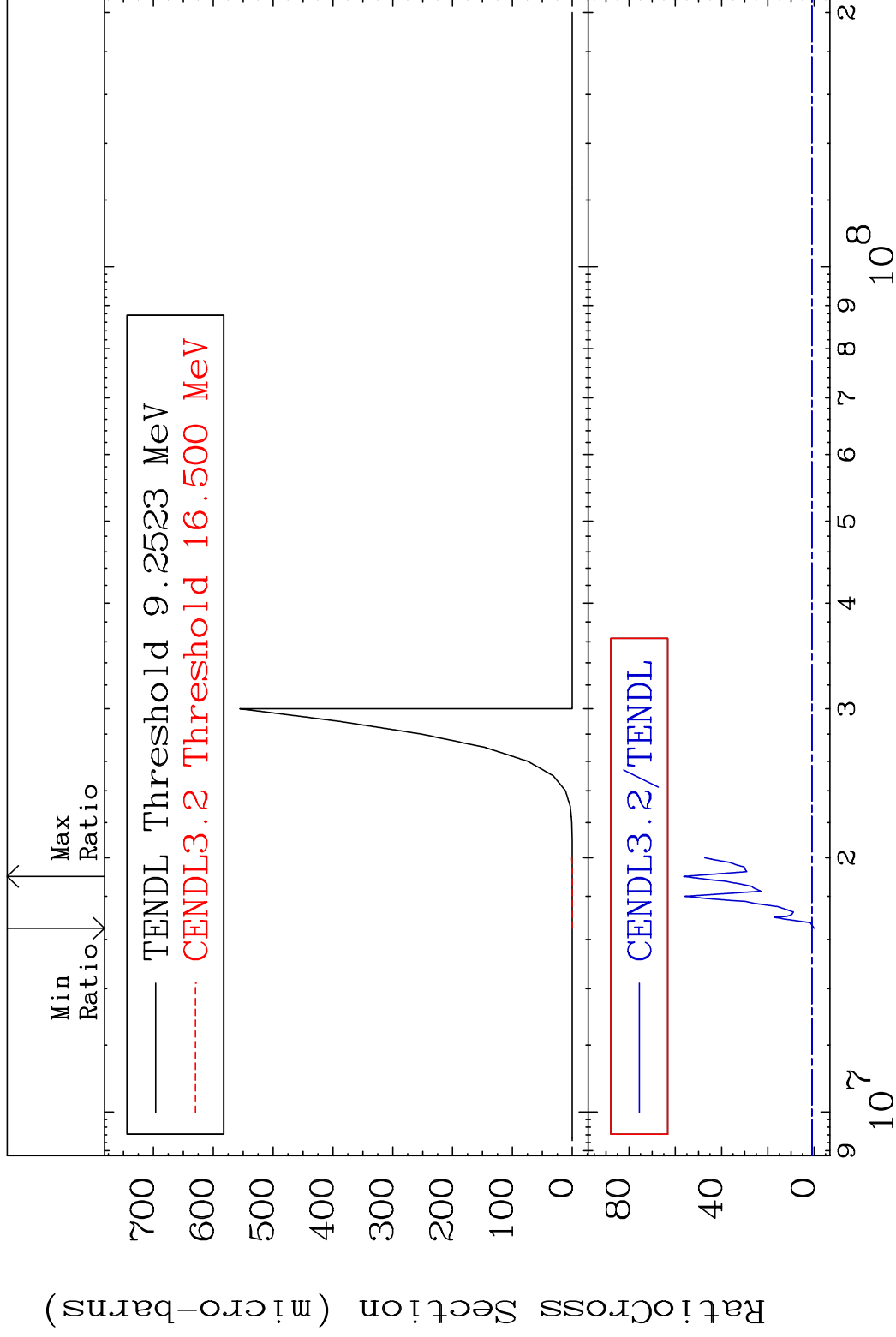
32 Incident Energy (eV) 50-Sn-117

MAT 5040

(n, He-3)

50-Sn-117

Cross Section -100.0 To 5539. %



33

Incident Energy (eV)

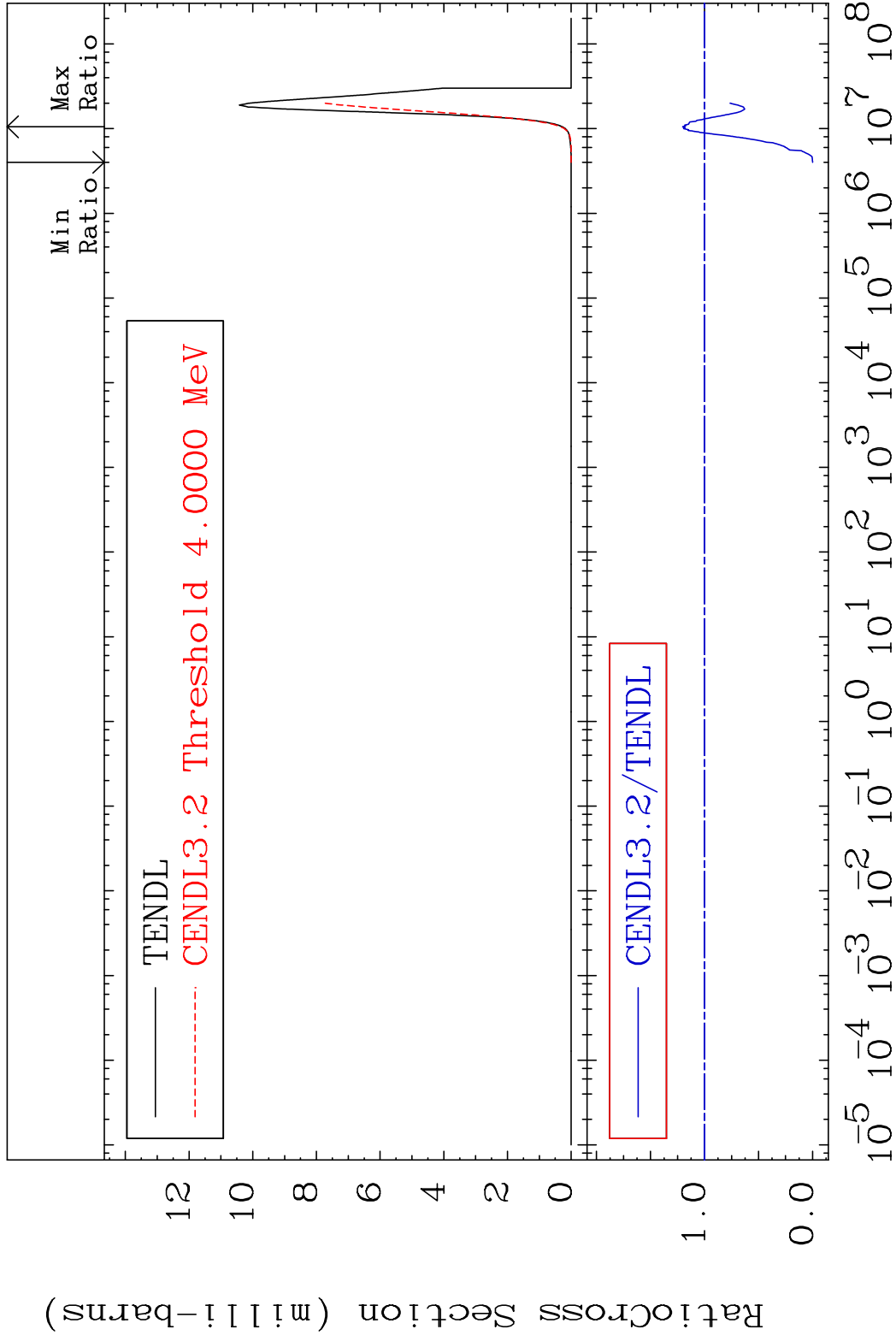
50-Sn-117

MAT 5040

(n, α)

50-Sn-117

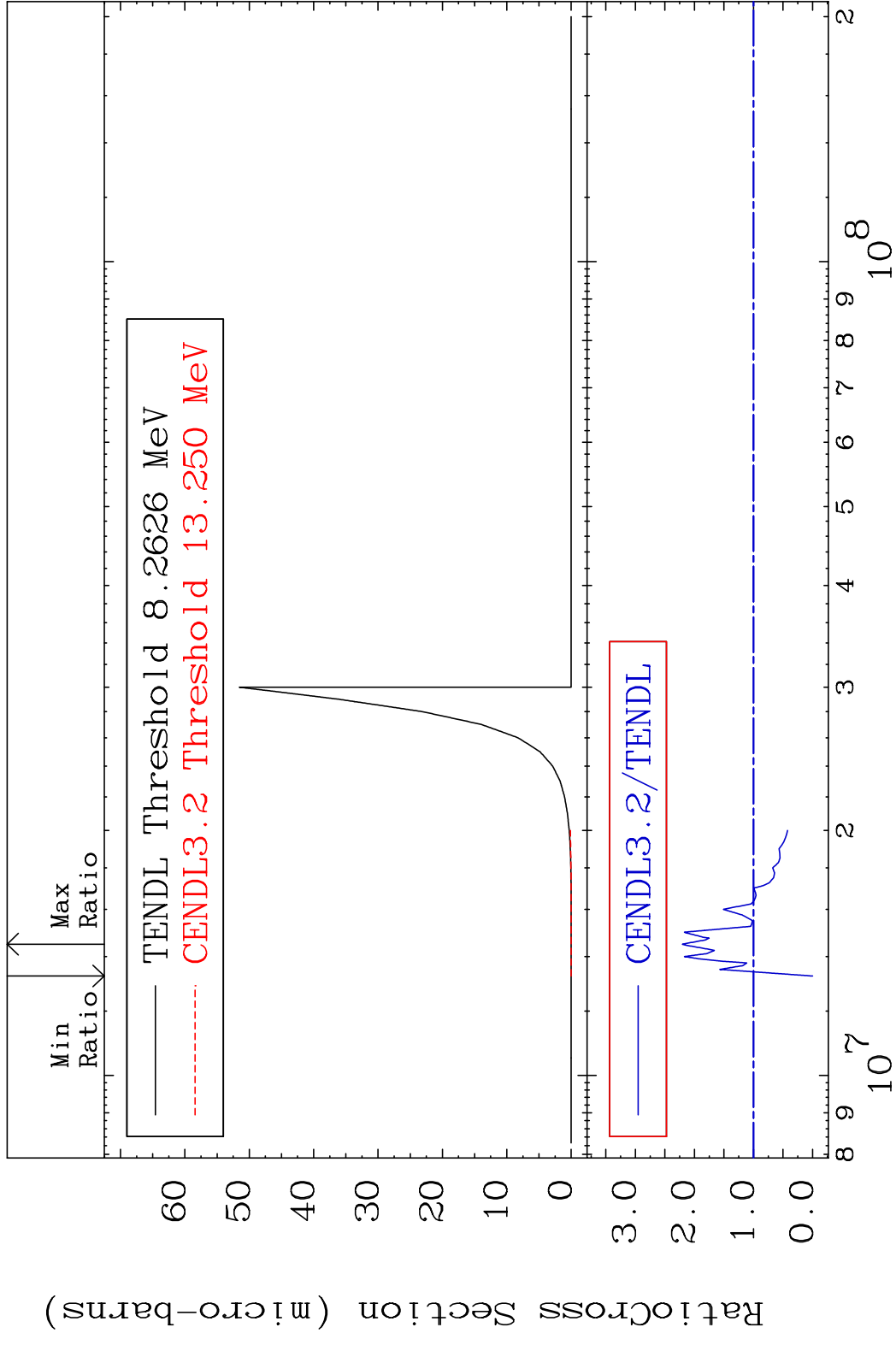
Cross Section -100.0 To 20.54 %



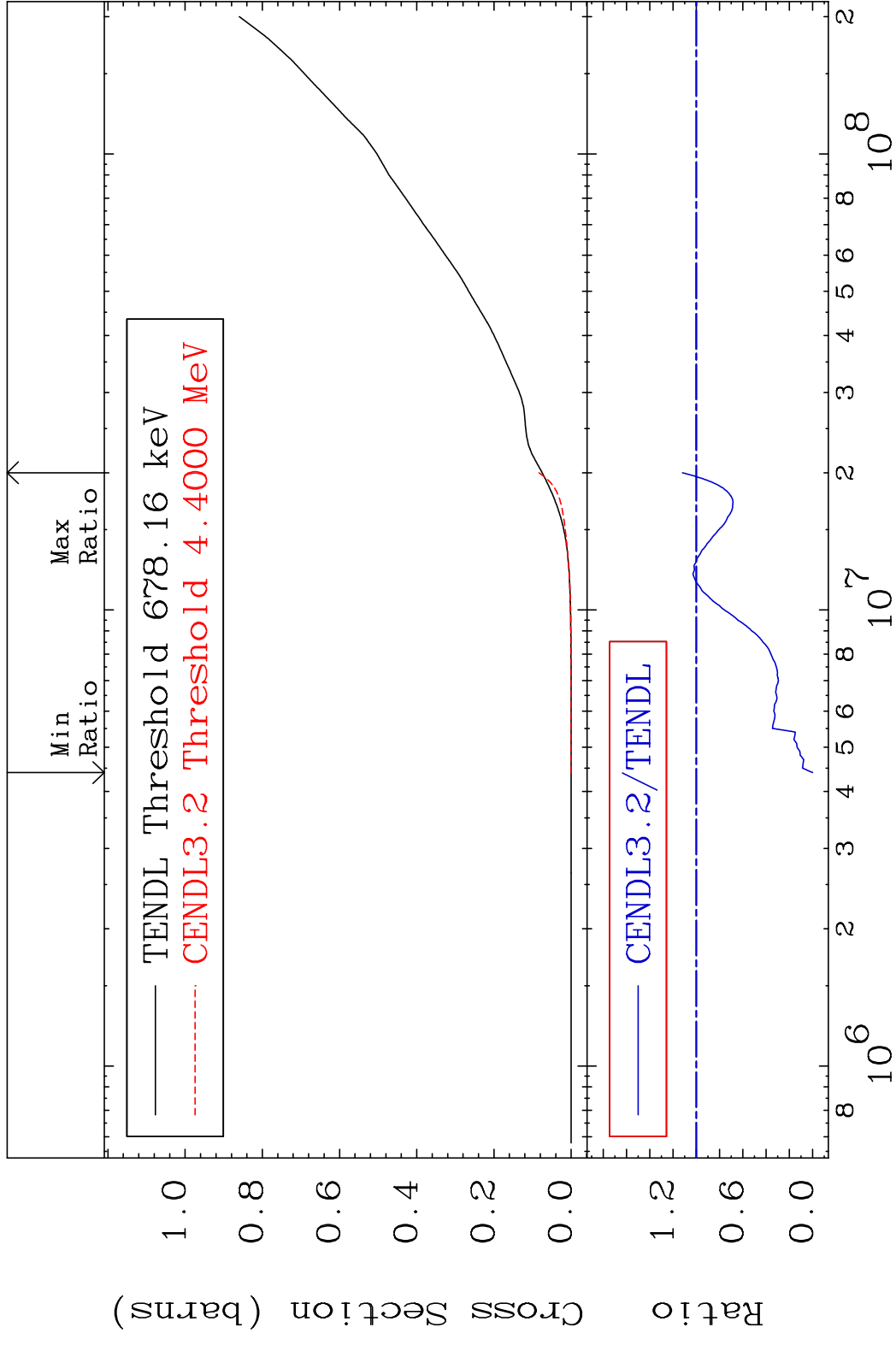
34

Incident Energy (eV)

50-Sn-117



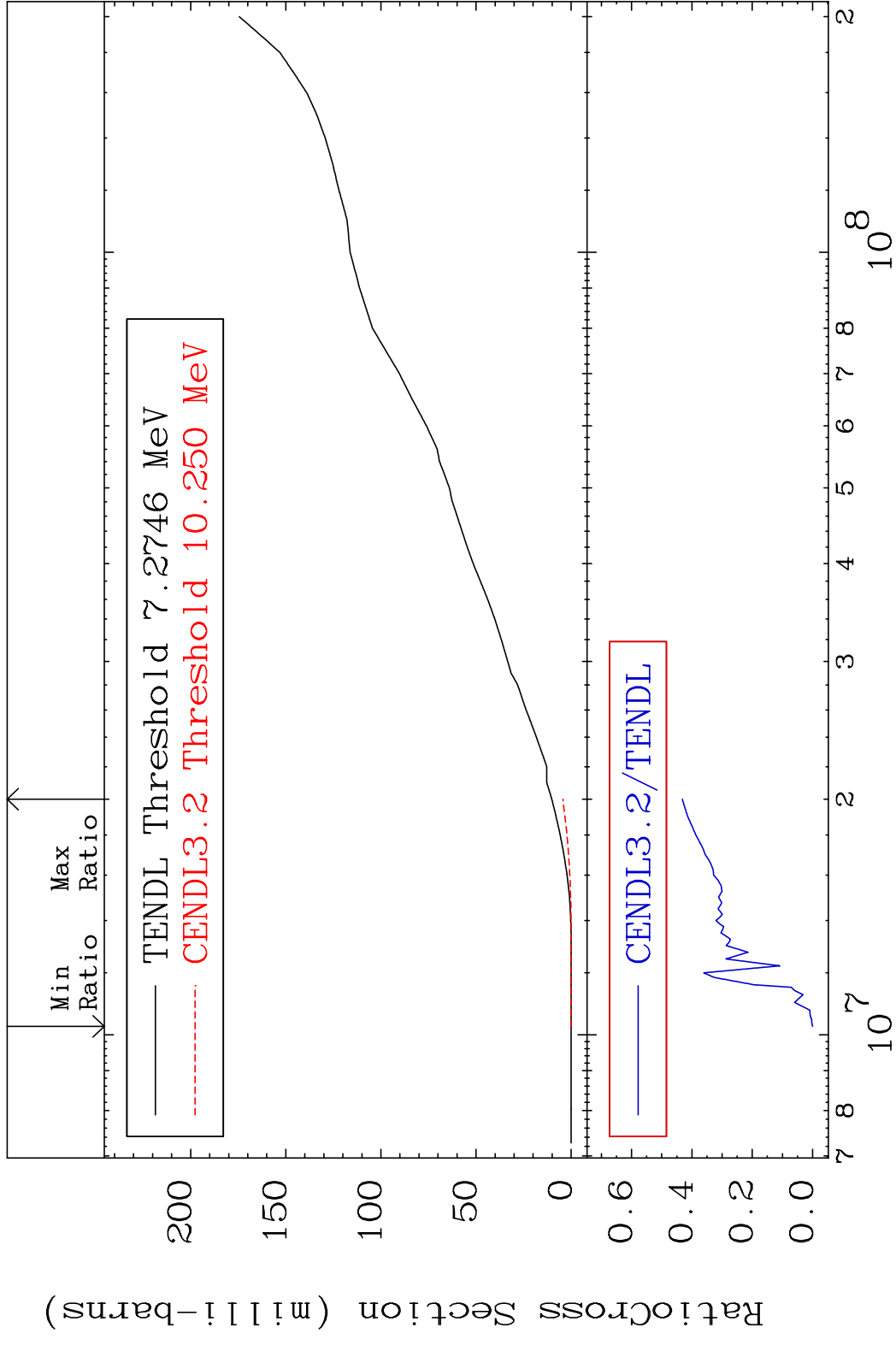
MAT 5040 Hydrogen Production 50-Sn-117
 Cross Section -100.0 To 12.01 %



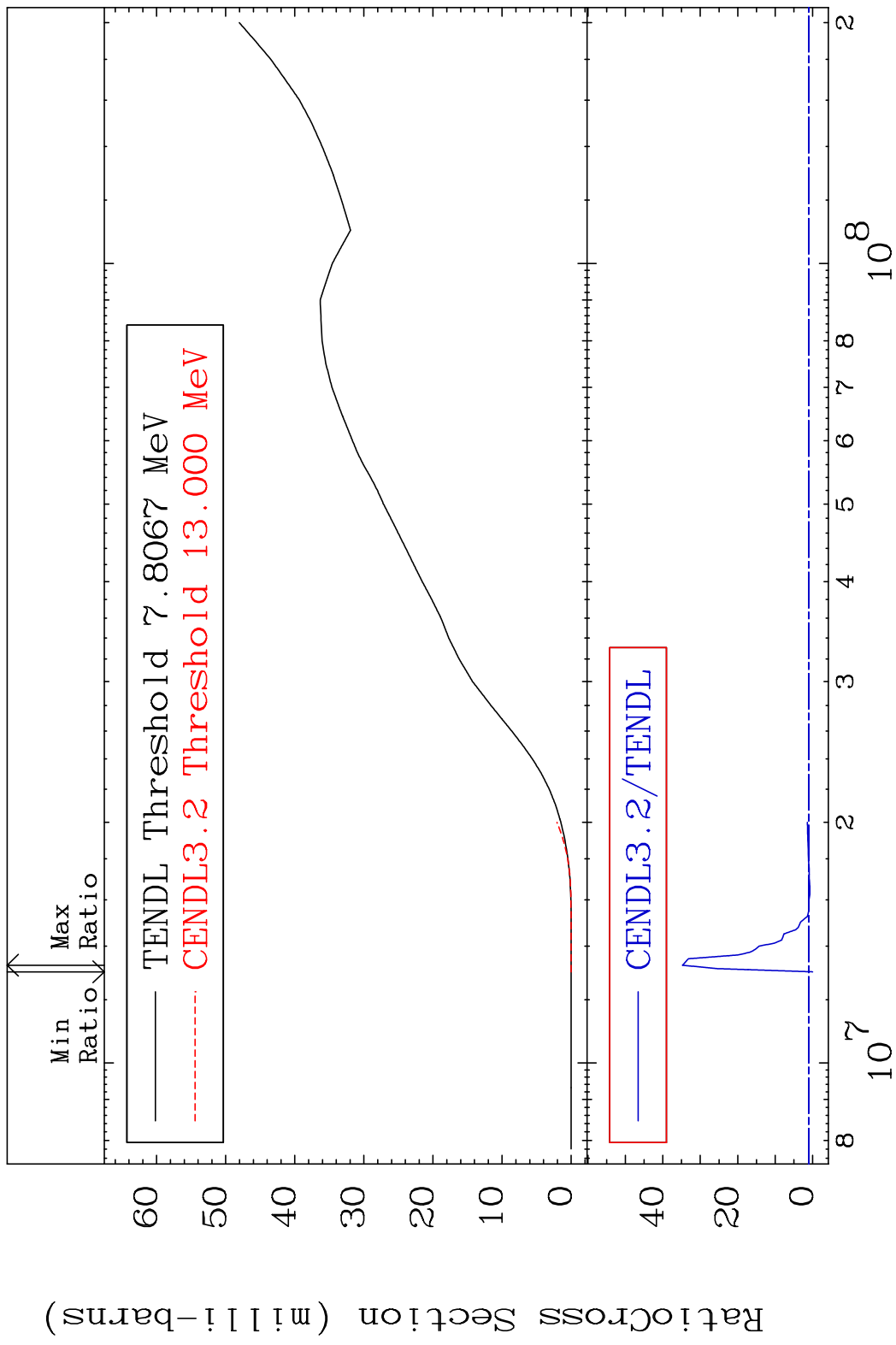
MAT 5040

Deuterium Production 50-Sn-117

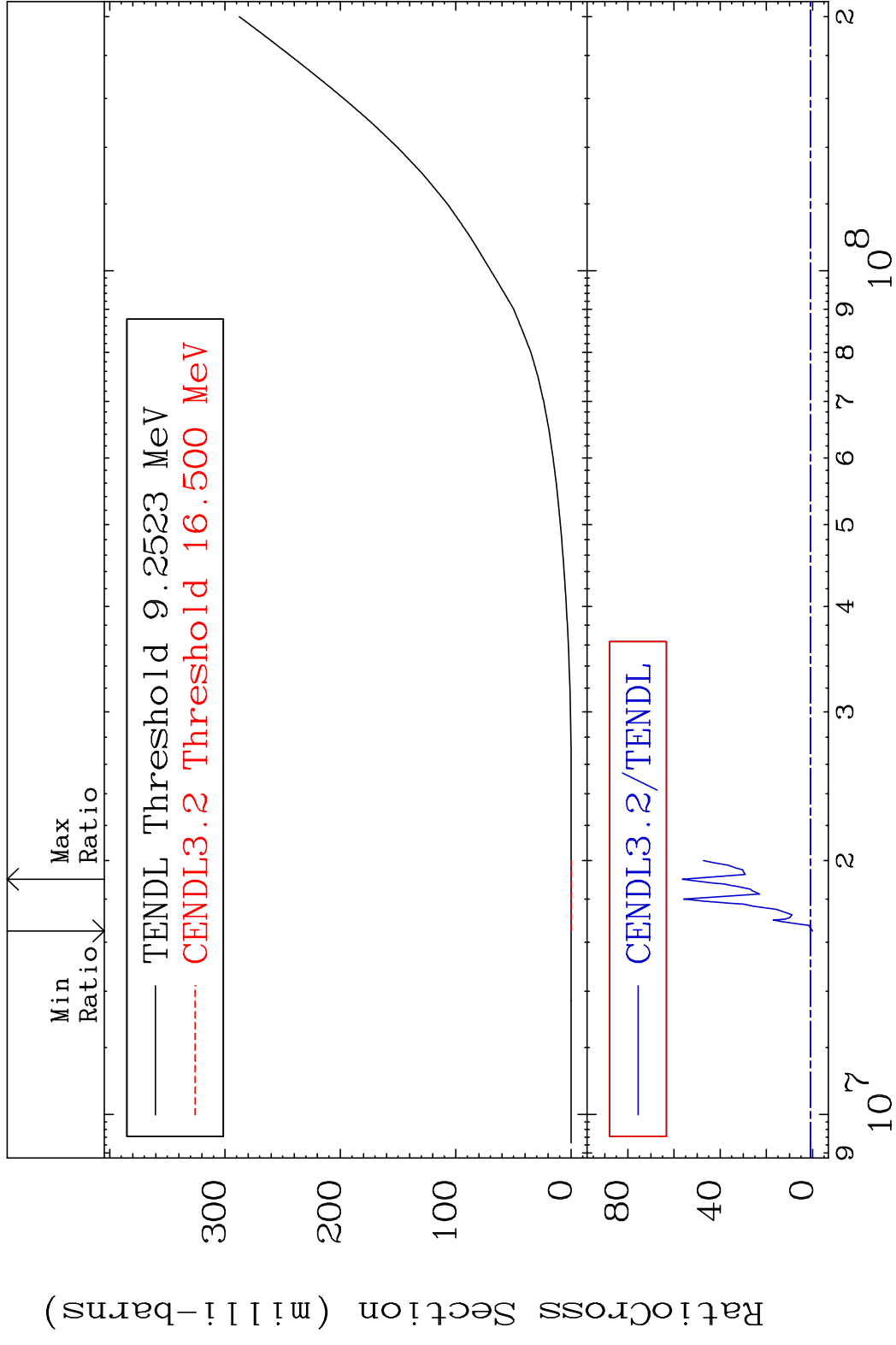
Cross Section -100.0 To -56.84%



MAT 5040 Tritium Production 50-Sn-117
 Cross Section -100.0 To 3379. %



MAT 5040 He-3 Production 50-Sn-117
 Cross Section -100.0 To 5539. %



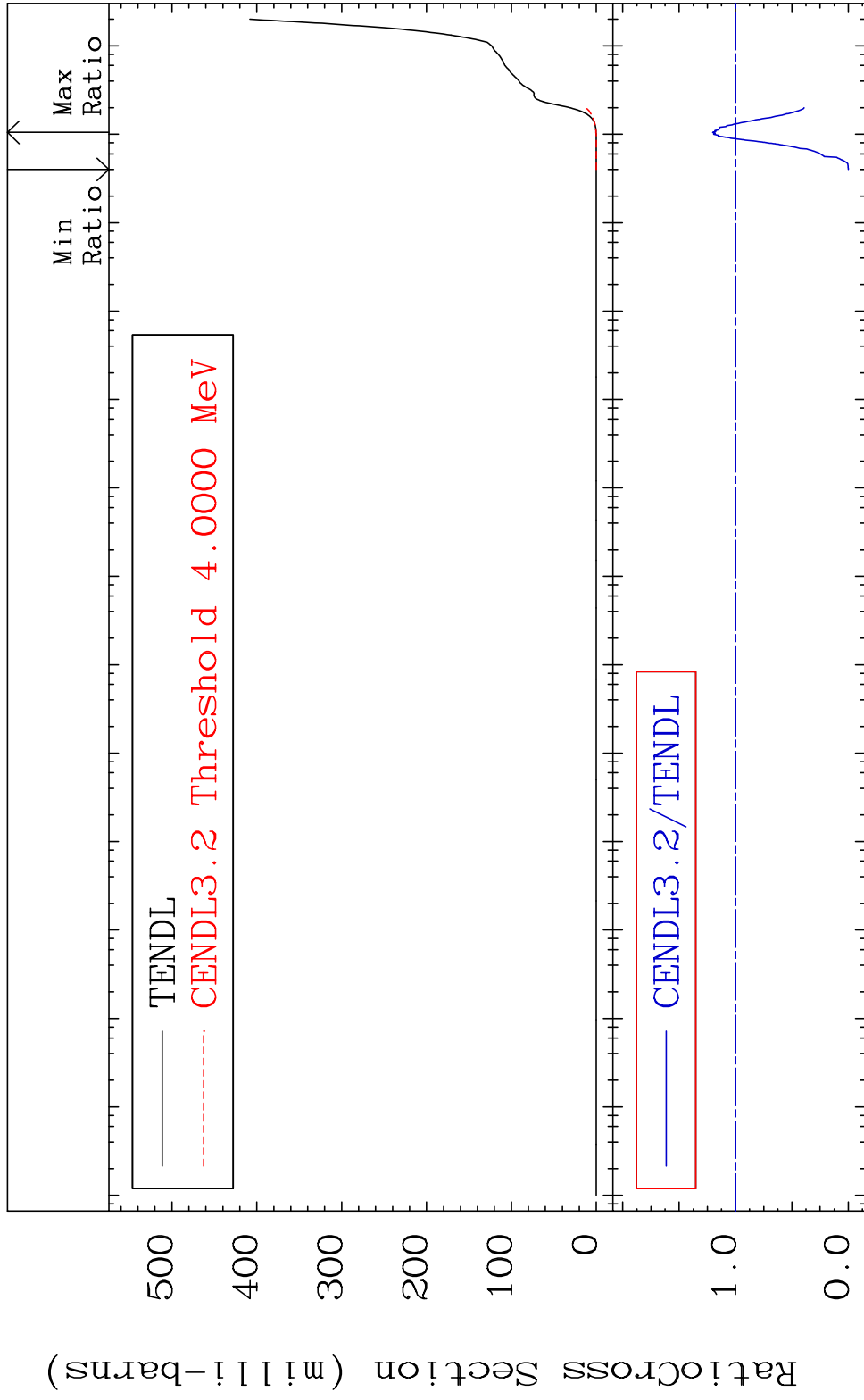
39 50-Sn-117

MAT 5040

He-4 Production

50-Sn-117

Cross Section -100.0 To 20.54 %

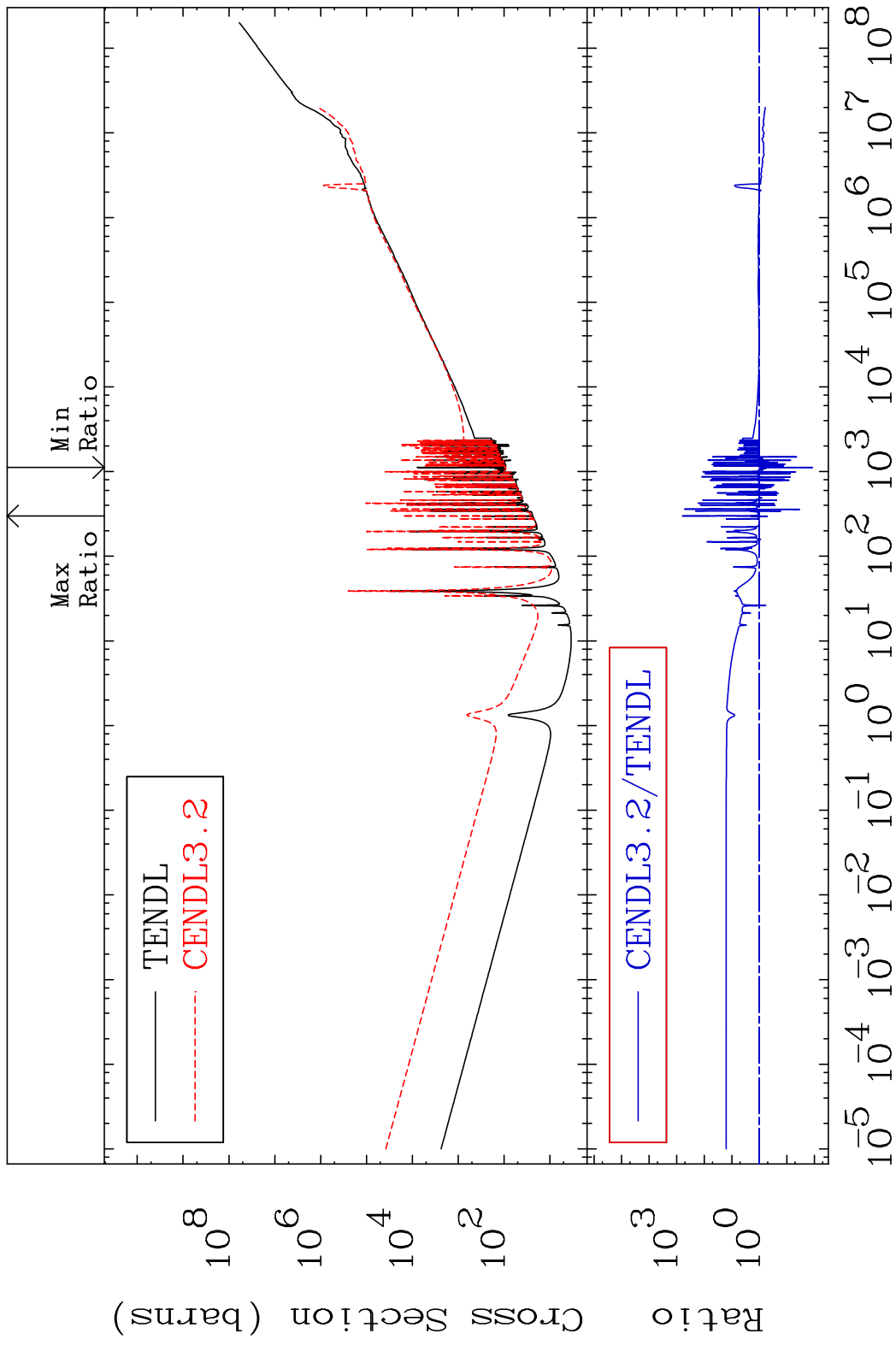


40

Incident Energy (eV)

50-Sn-117

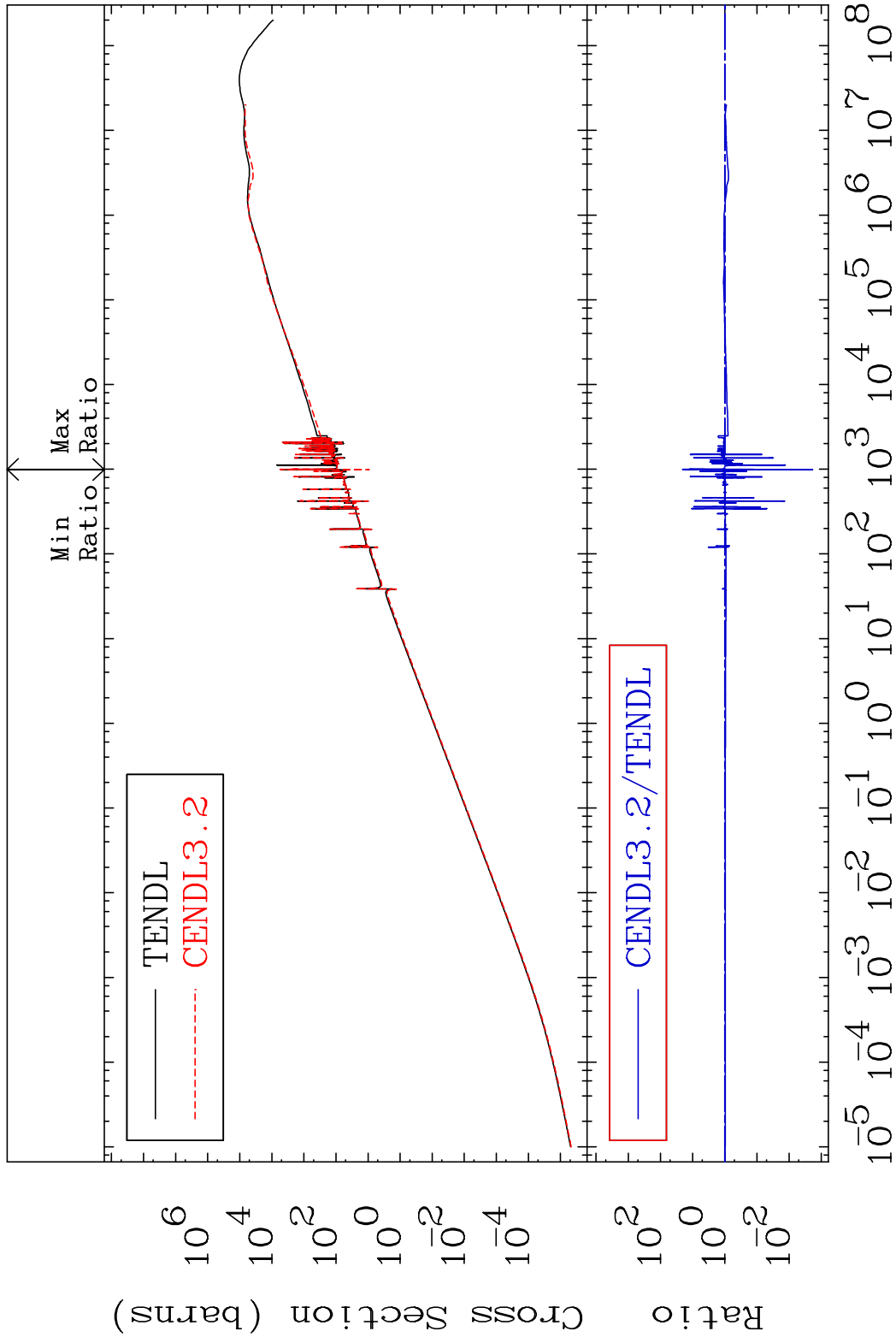
MAT 5040 Kerma total (eV-barns) 50-Sn-117
 Cross Section -98.83 To 9999. %



MAT 5040

Kerma elastic
Cross Section

50-Sn-117
-99.81 To 1978. %

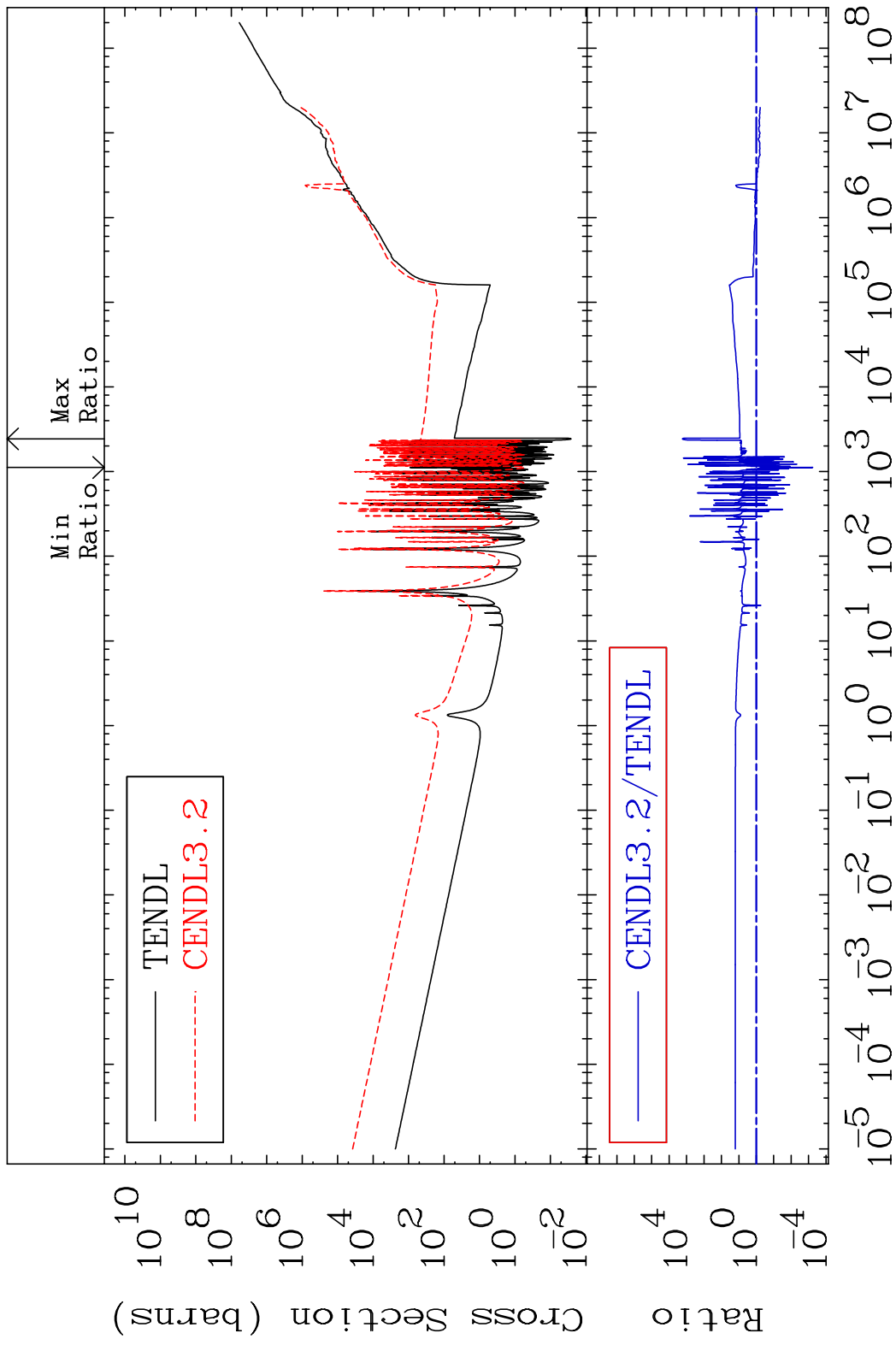


42

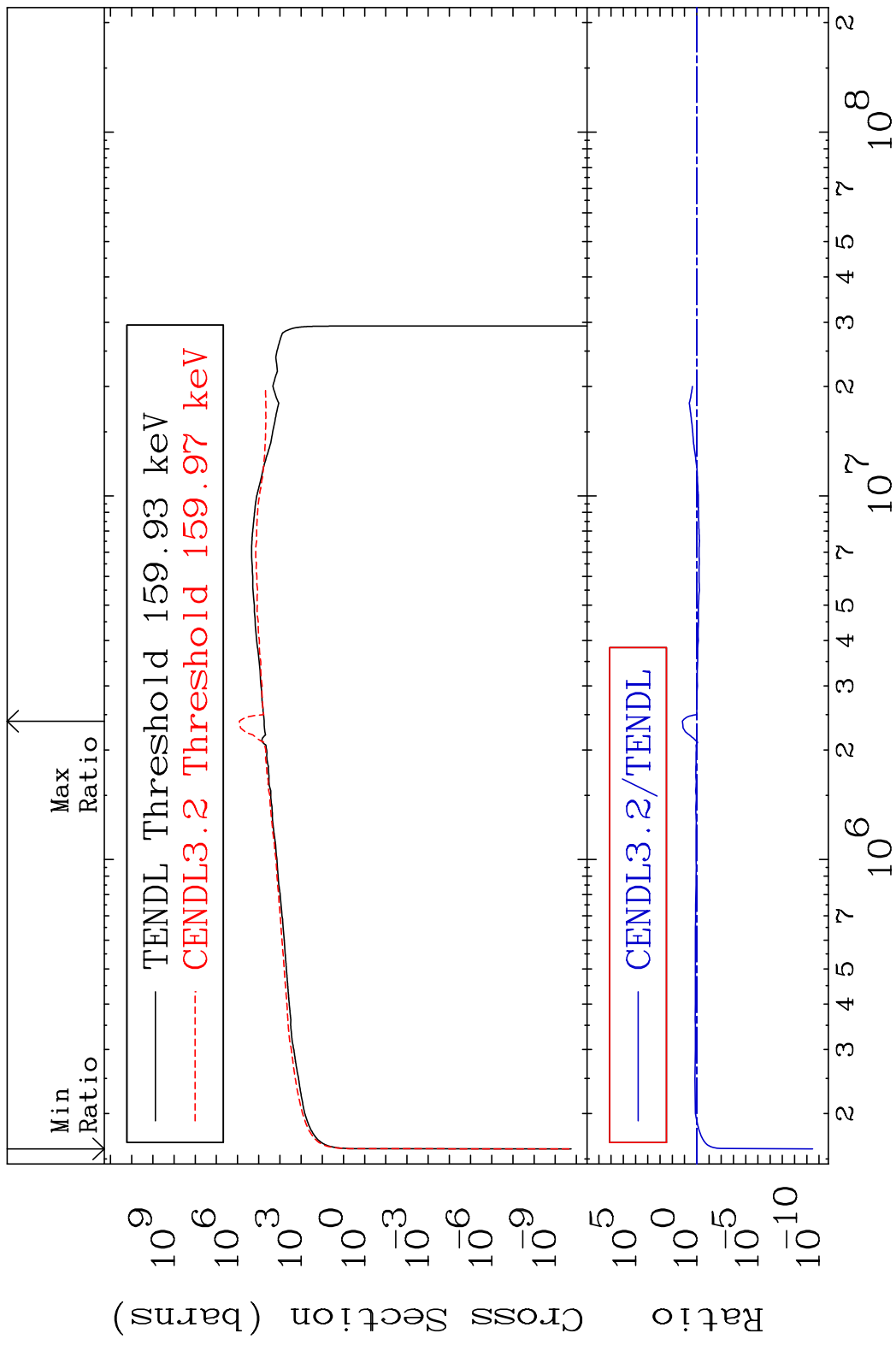
Incident Energy (eV)

50-Sn-117

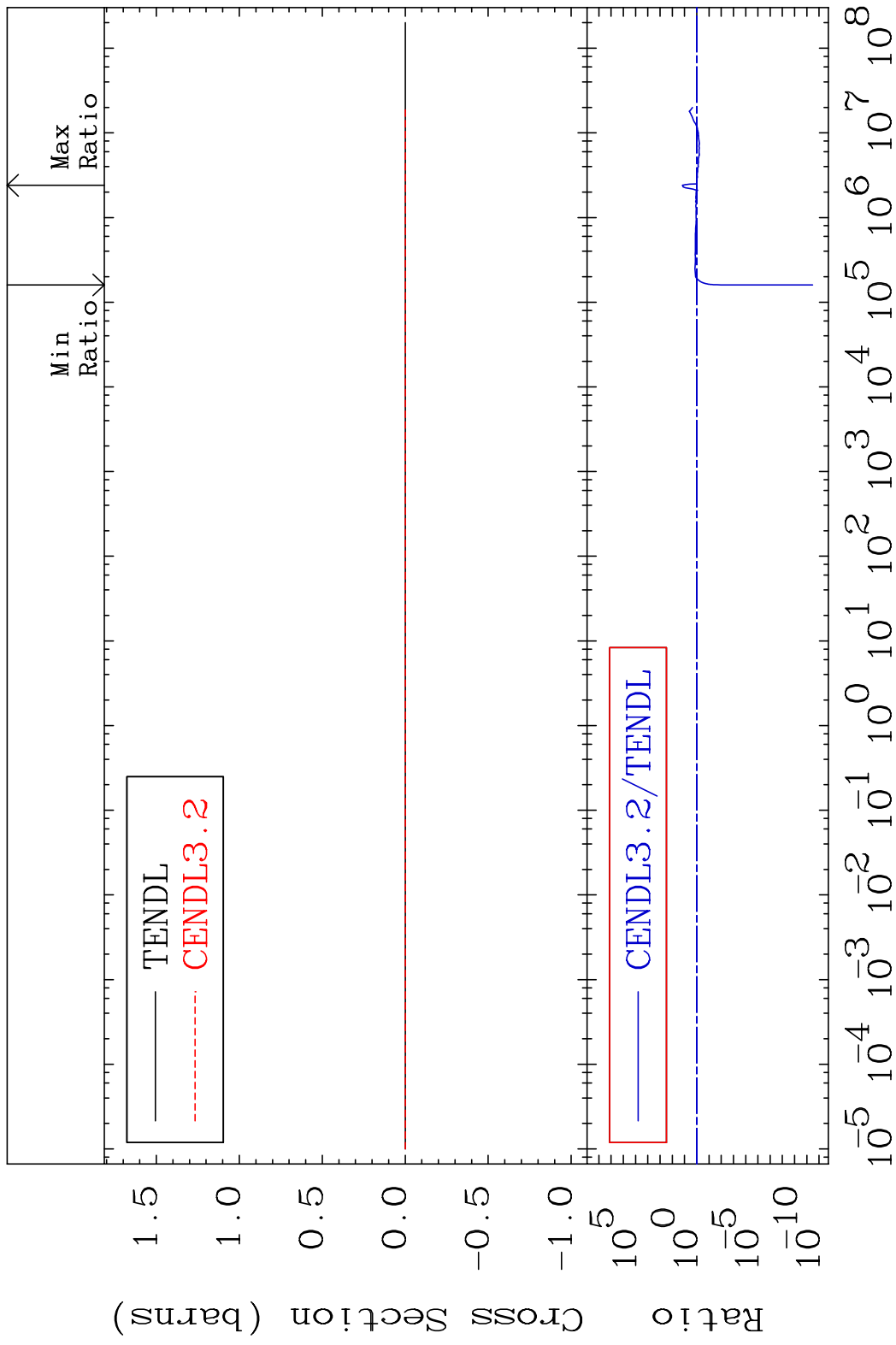
MAT 5040 Kerma non-elastic (all but mt2) 50-Sn-117
 Cross Section -99.94 To 9999. %



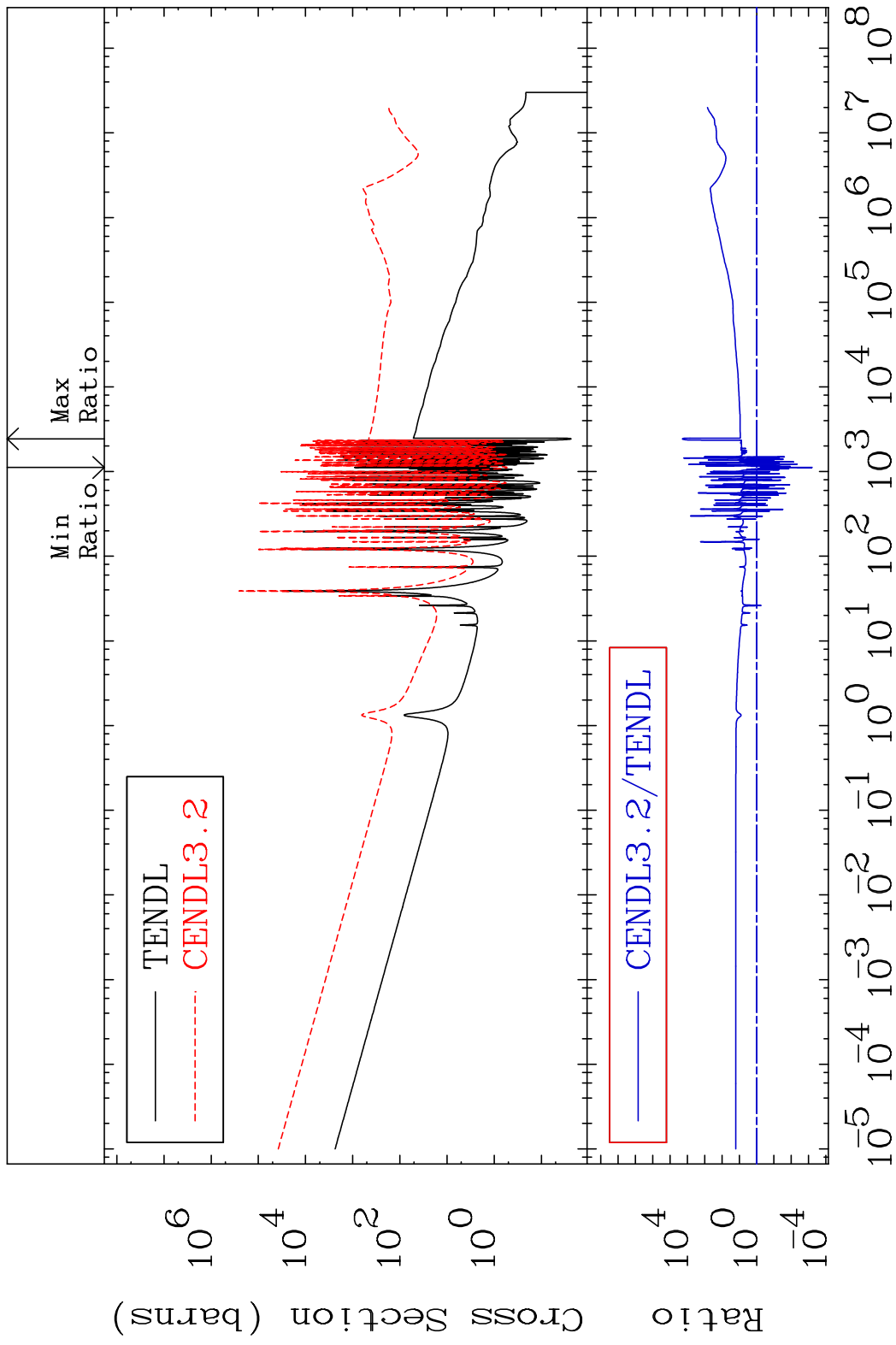
MAT 5040 Kerma inelastic (mt51-91) 50-Sn-117
 Cross Section -100.0 To 1401. %



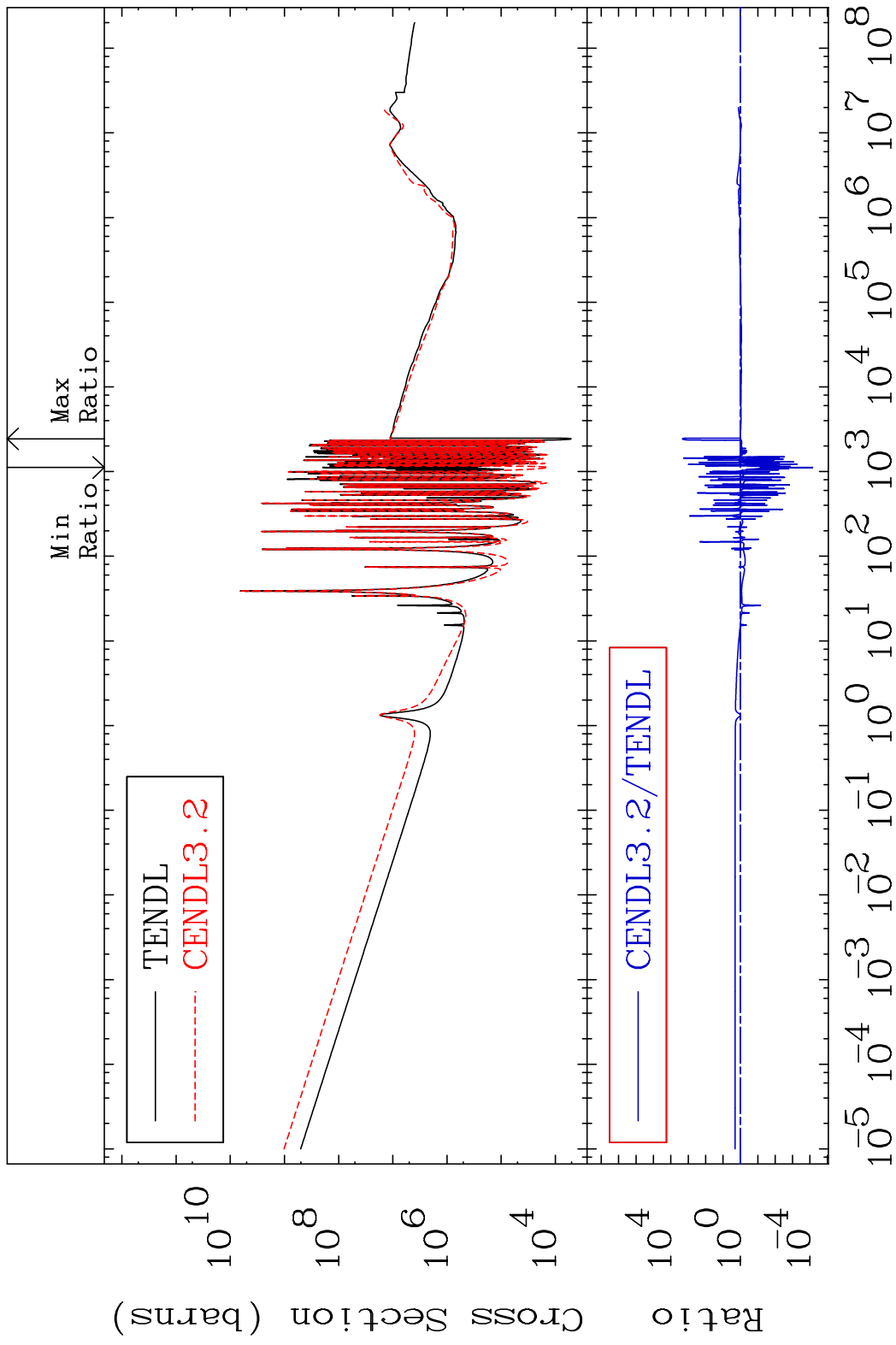
MAT 5040 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-117
 Cross Section -100.0 To 1401. %



MAT 5040 Kerma capture (mt102) 50-Sn-117
 Cross Section -99.94 To 9999. %

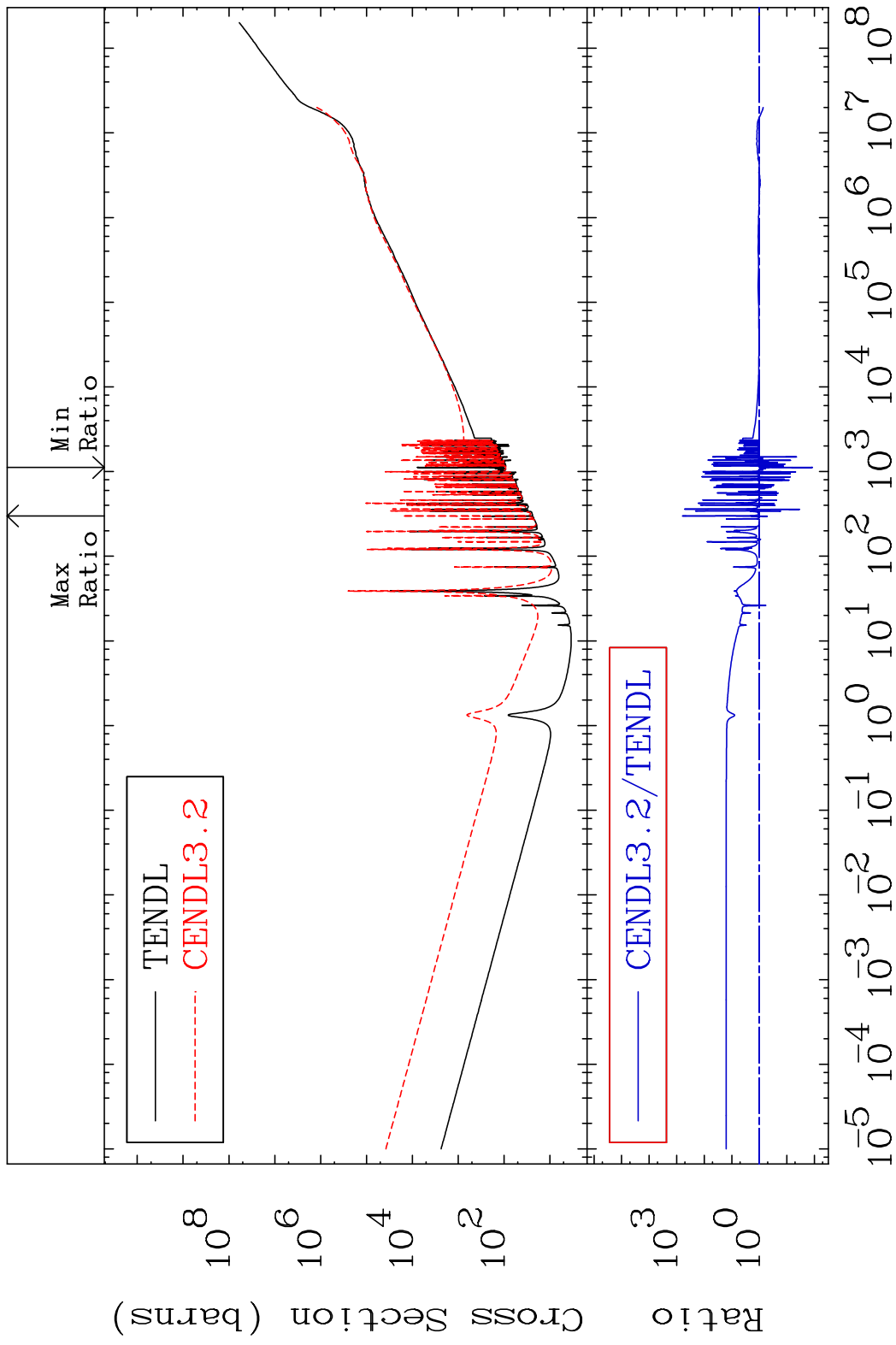


MAT 5040 Total photon (eV-barns) 50-Sn-117
Cross Section -99.99 To 9999. %



47 Incident Energy (eV) 50-Sn-117

MAT 5040 Total kinematic kerma (high limit) 50-Sn-117
 Cross Section -98.83 To 9999. %

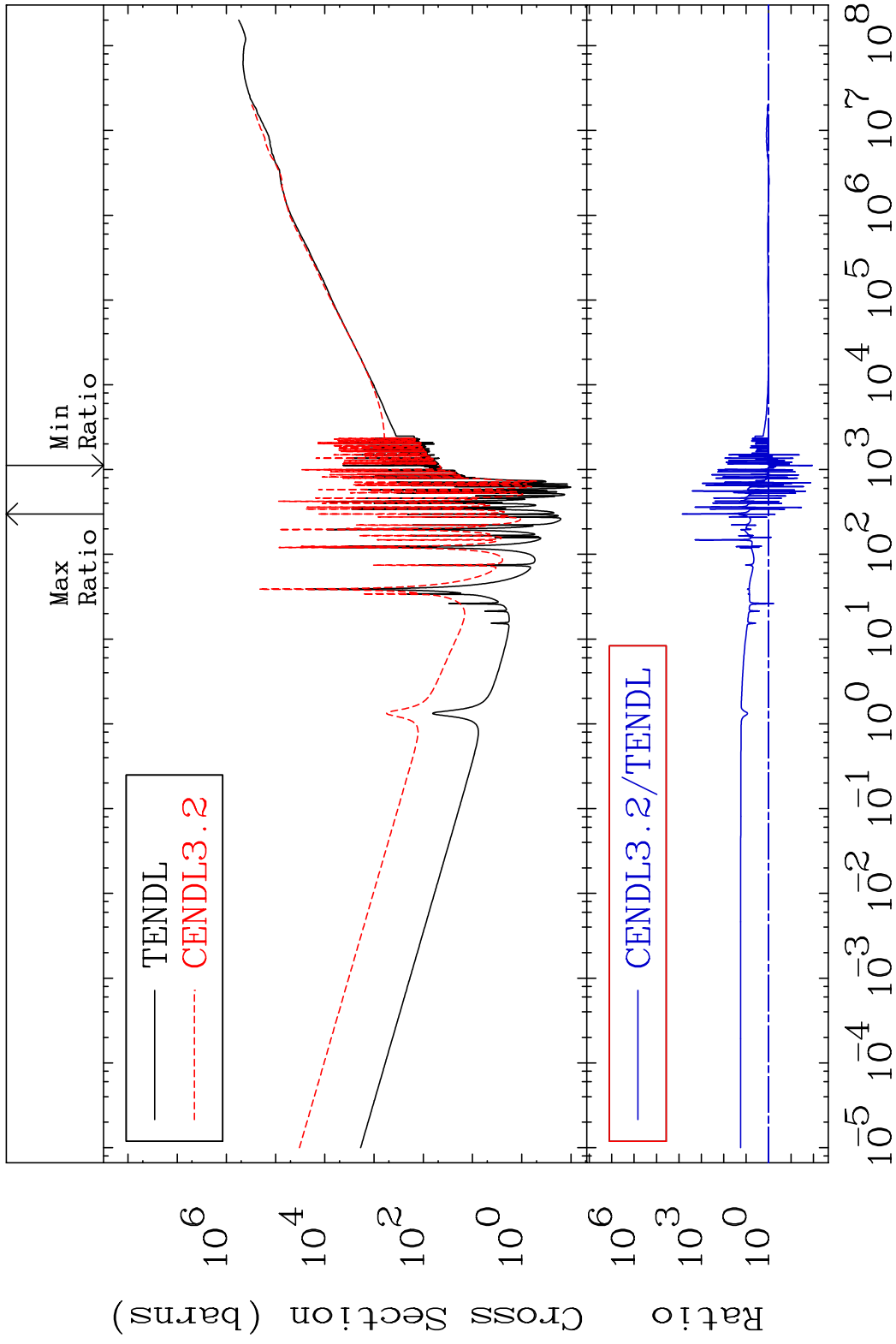


MAT 5040

Dpa total (eV-barns)

50-Sn-117

Cross Section -98.90 To 9999. %



49

Incident Energy (eV)

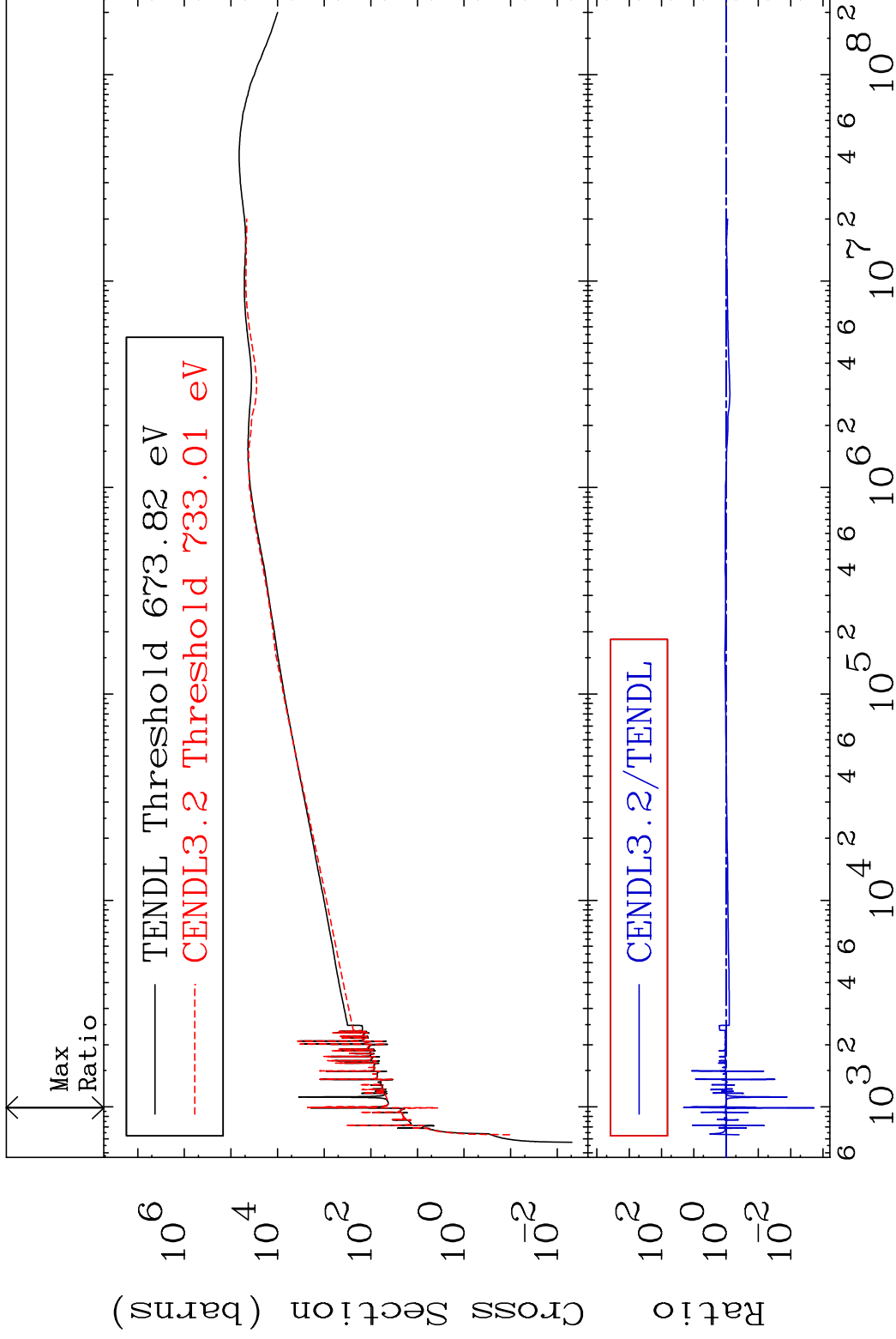
50-Sn-117

MAT 5040

Dpa elastic (mt2)

50-Sn-117

Cross Section -99.81 To 1988. %

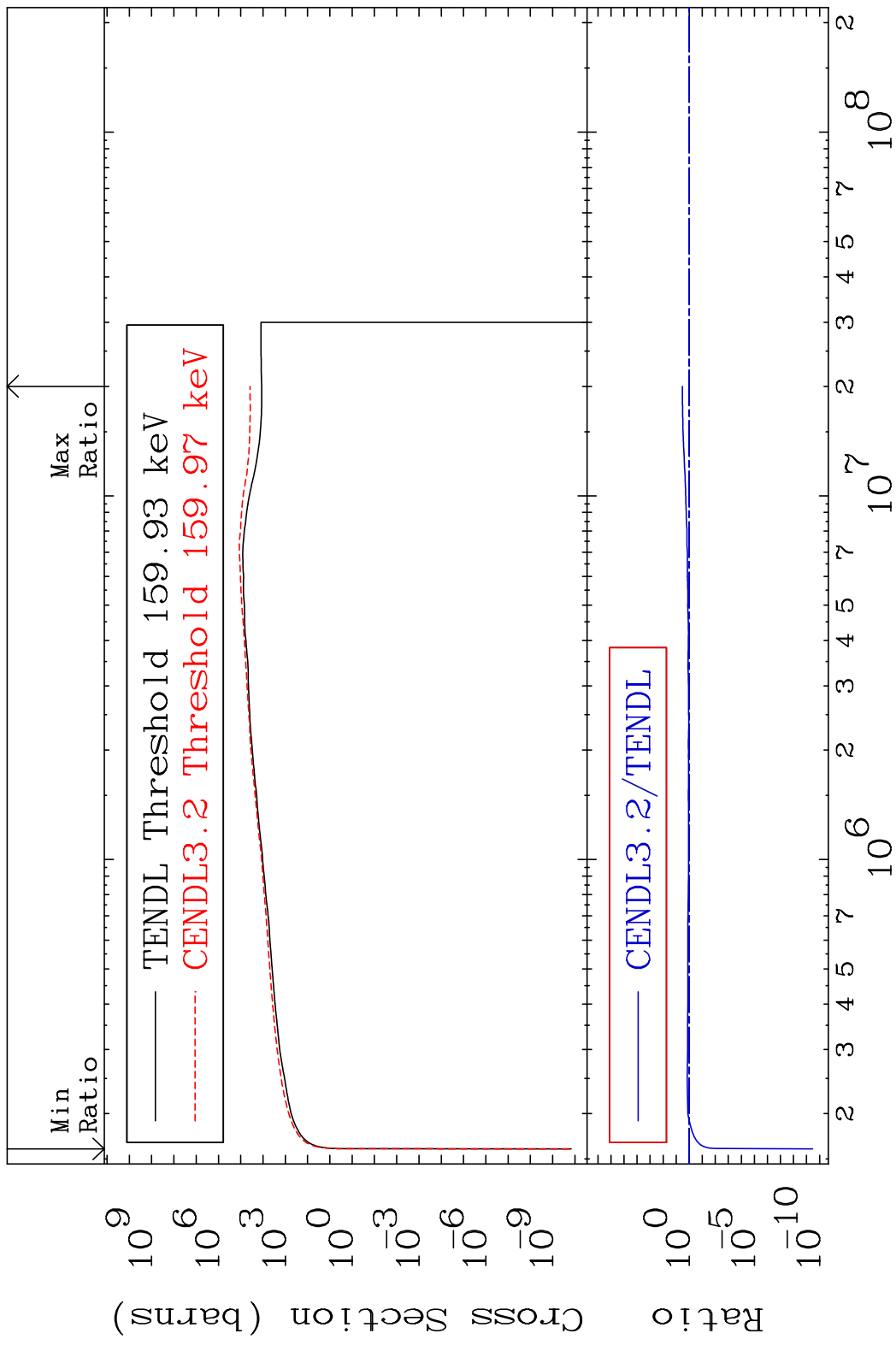


50

Incident Energy (eV)

50-Sn-117

MAT 5040 Dpa inelastic (mt51-91) 50-Sn-117
 Cross Section -100.0 To 236.1 %



MAT 5040 Dpa disappearance (mt102 -120) 50-Sn-117
 Cross Section -99.94 To 9999. %

