

Program Complot
(Version 2021-1)

by

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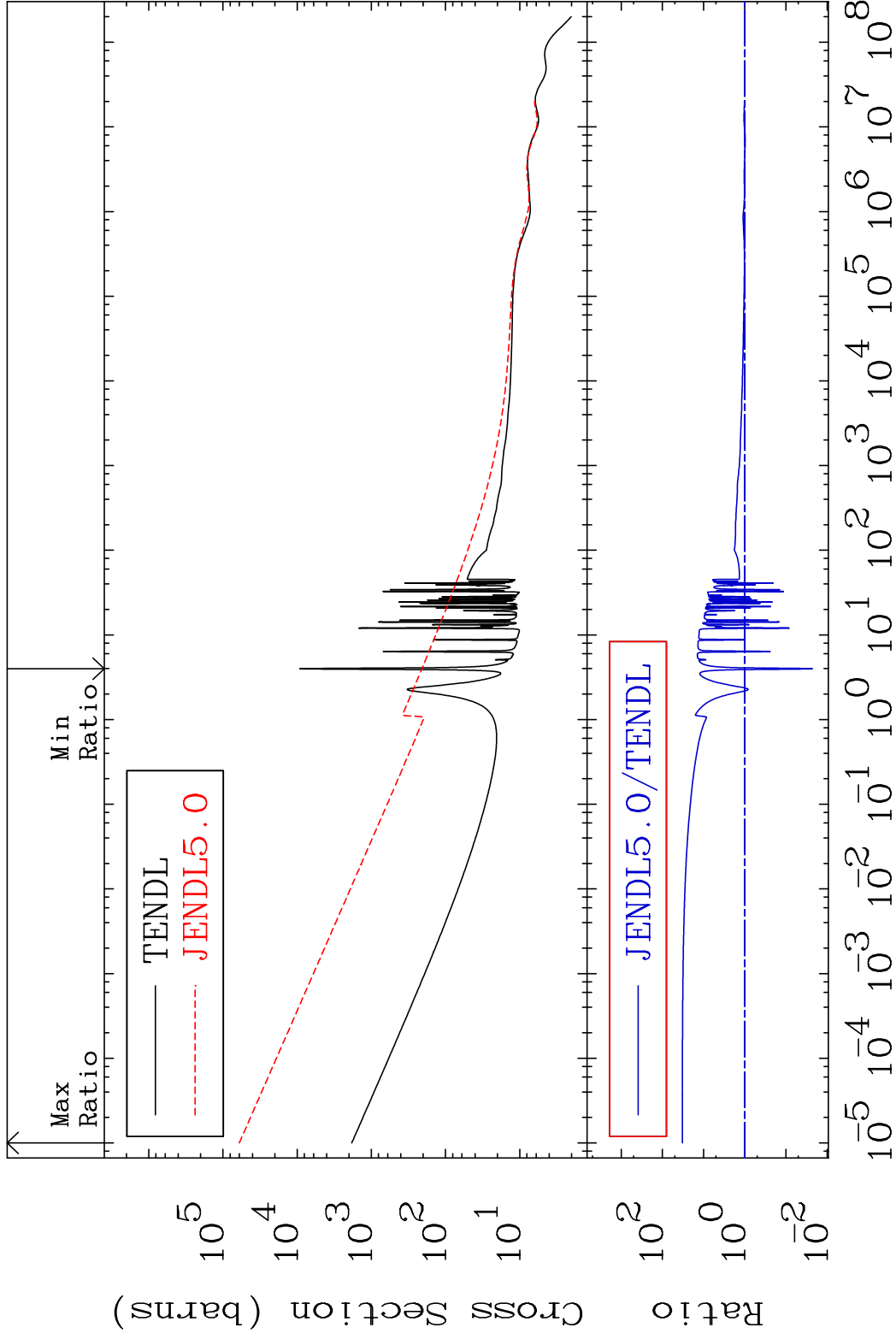
Press Mouse Button to Start

MAT 9628

Total

96-Cm-241

Cross Section -97.74 To 3179. %



1

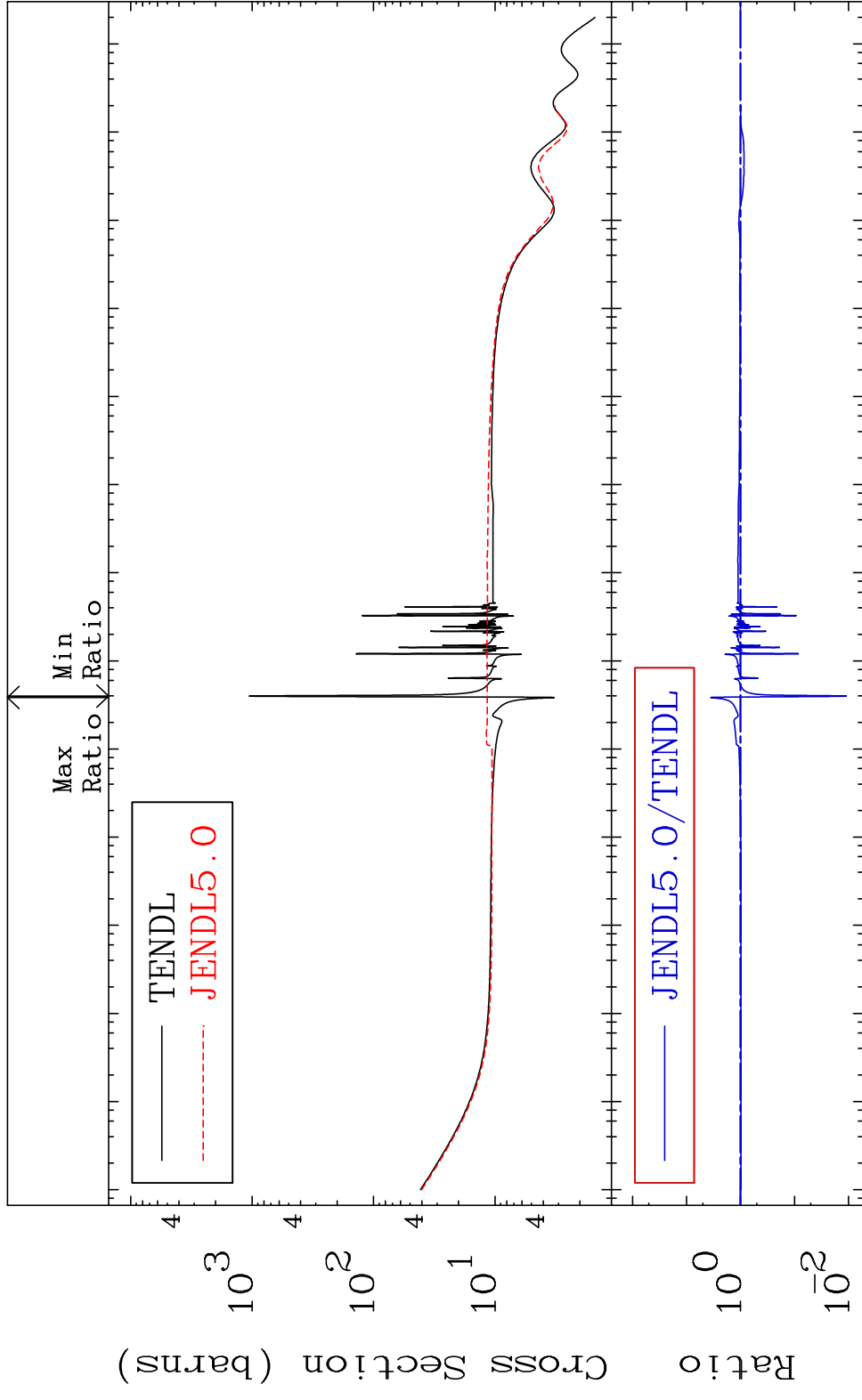
Incident Energy (eV)

96-Cm-241

MAT 9628

Elastic Cross Section -98.90 To 256.8 %

96-Cm-241

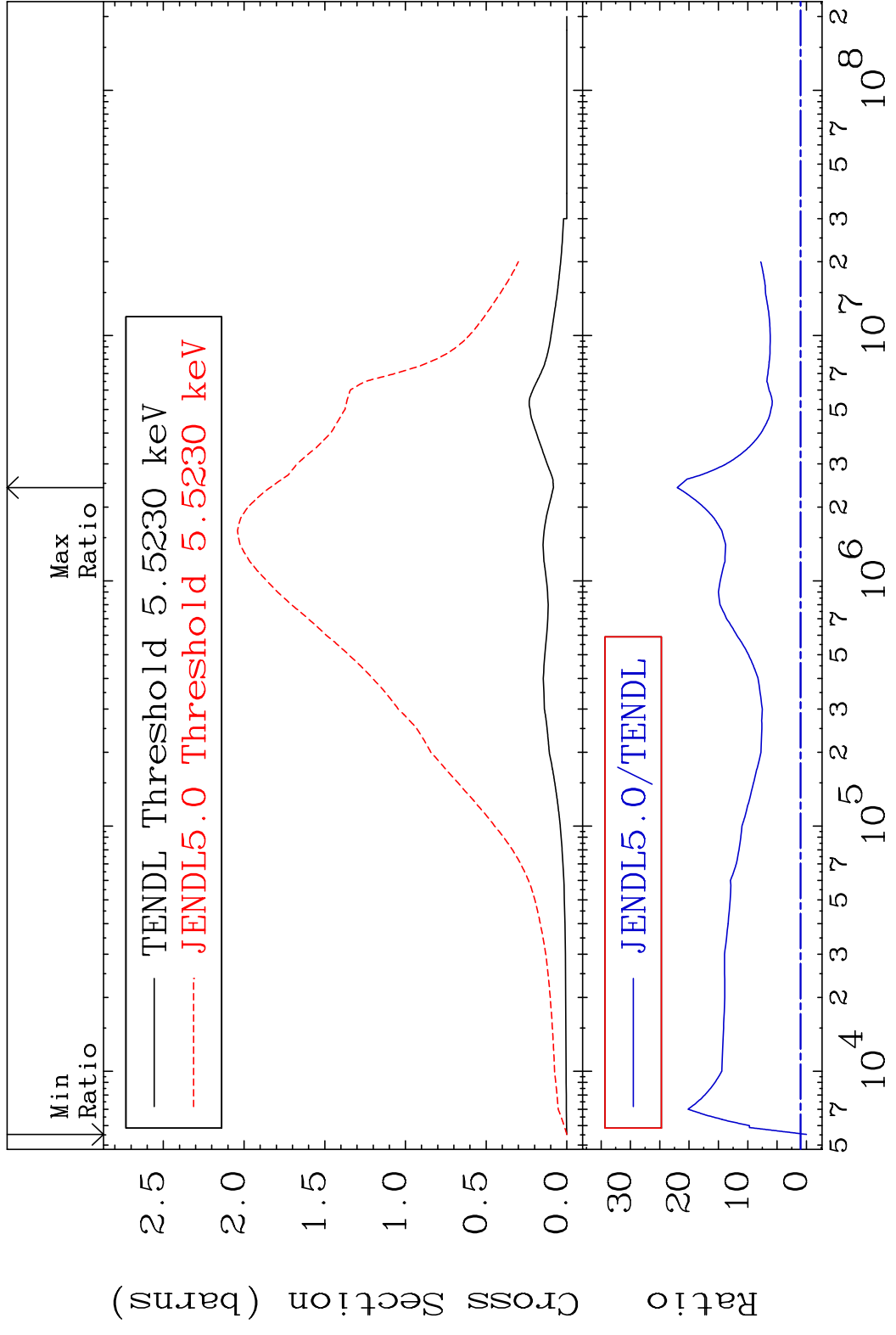


2

Incident Energy (eV)

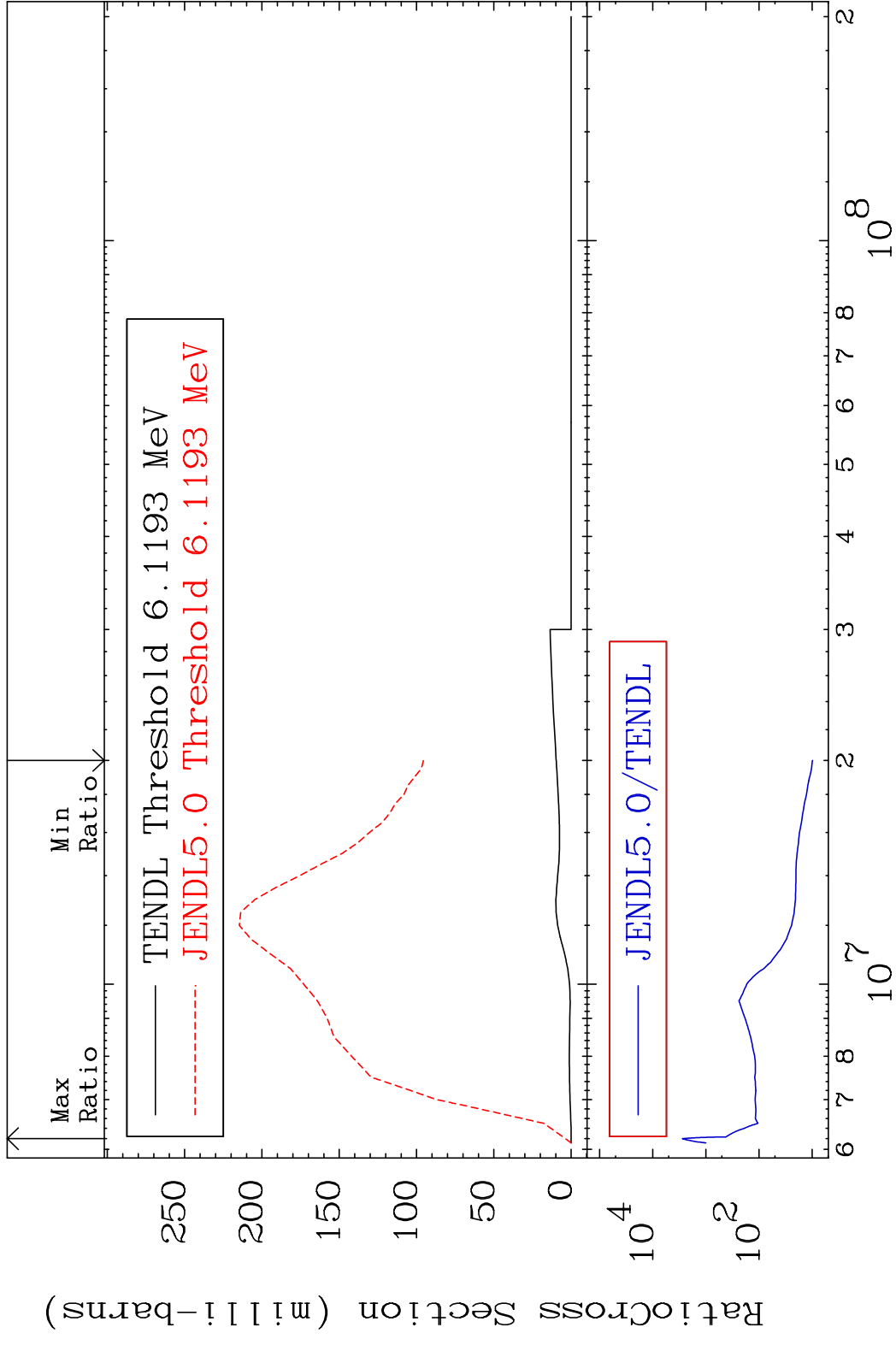
96-Cm-241

MAT 9628 Inelastic 96-Cm-241
 Cross Section -100.0 To 2103. %



3 Incident Energy (eV) 96-Cm-241

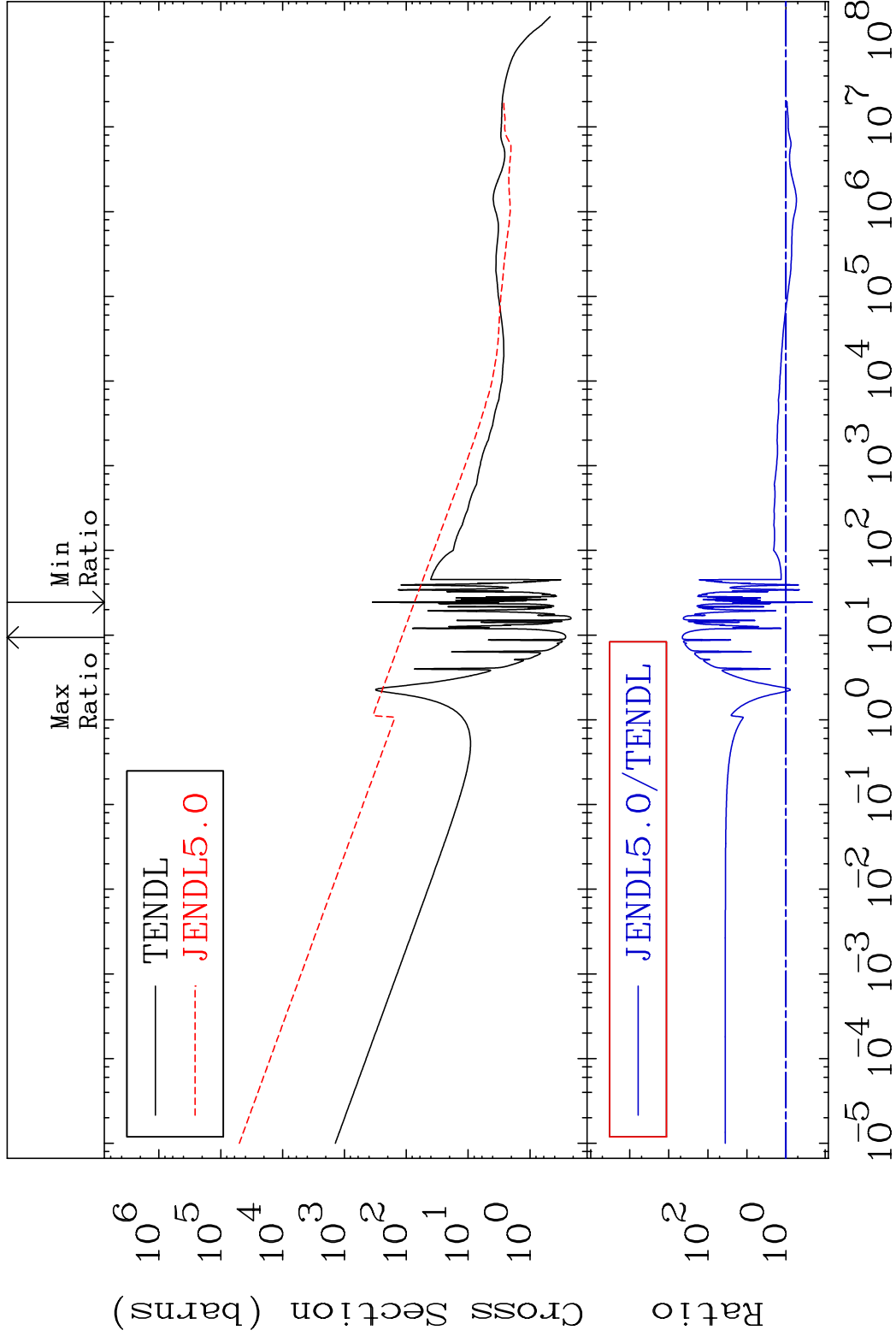
MAT 9628 (n,2n) 96-Cm-241
 Cross Section 885.7 To 9999. %



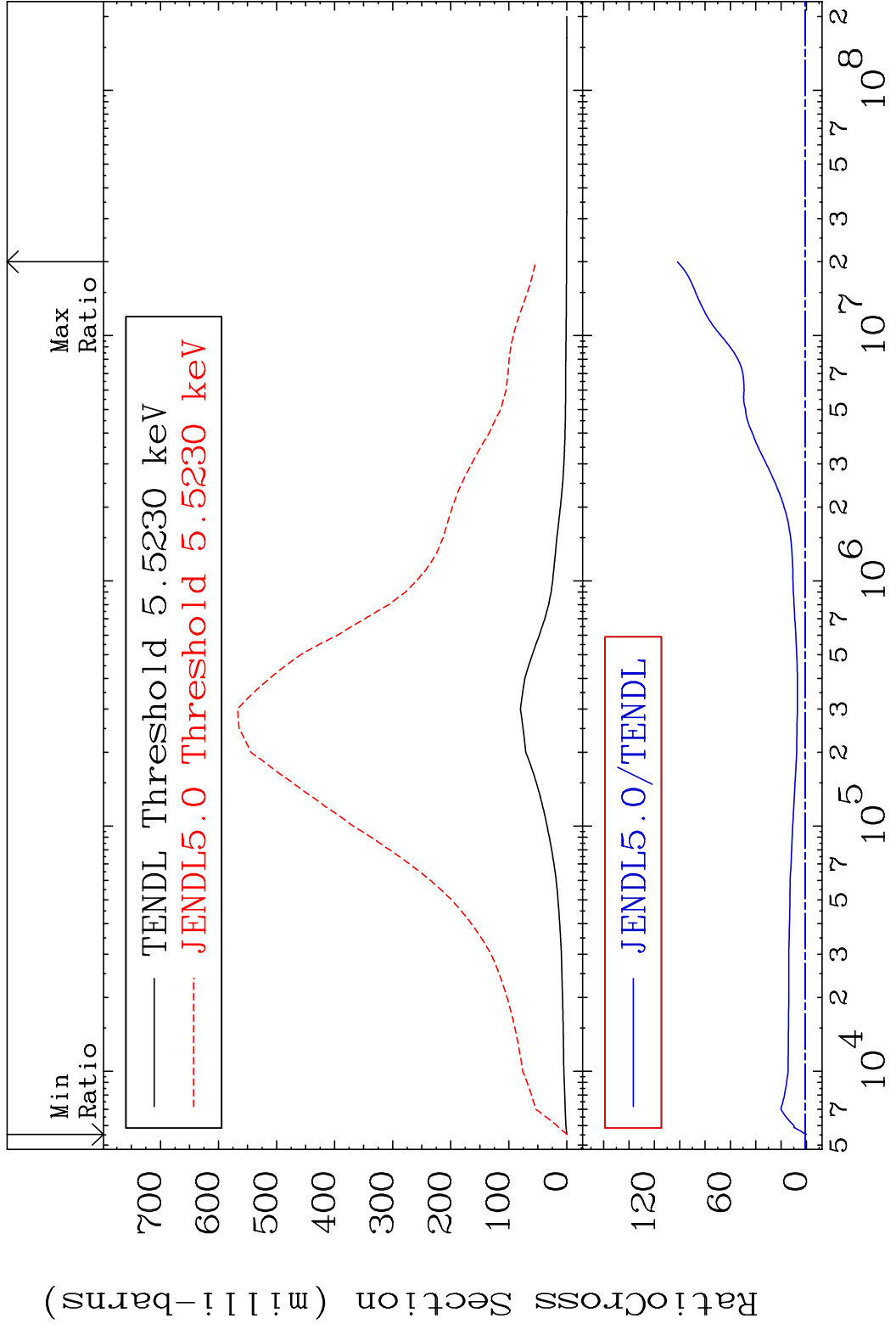
4 6 7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 2 96-Cm-241

MAT 9628

Fission Cross Section -79.12 To 9999. %
96-Cm-241

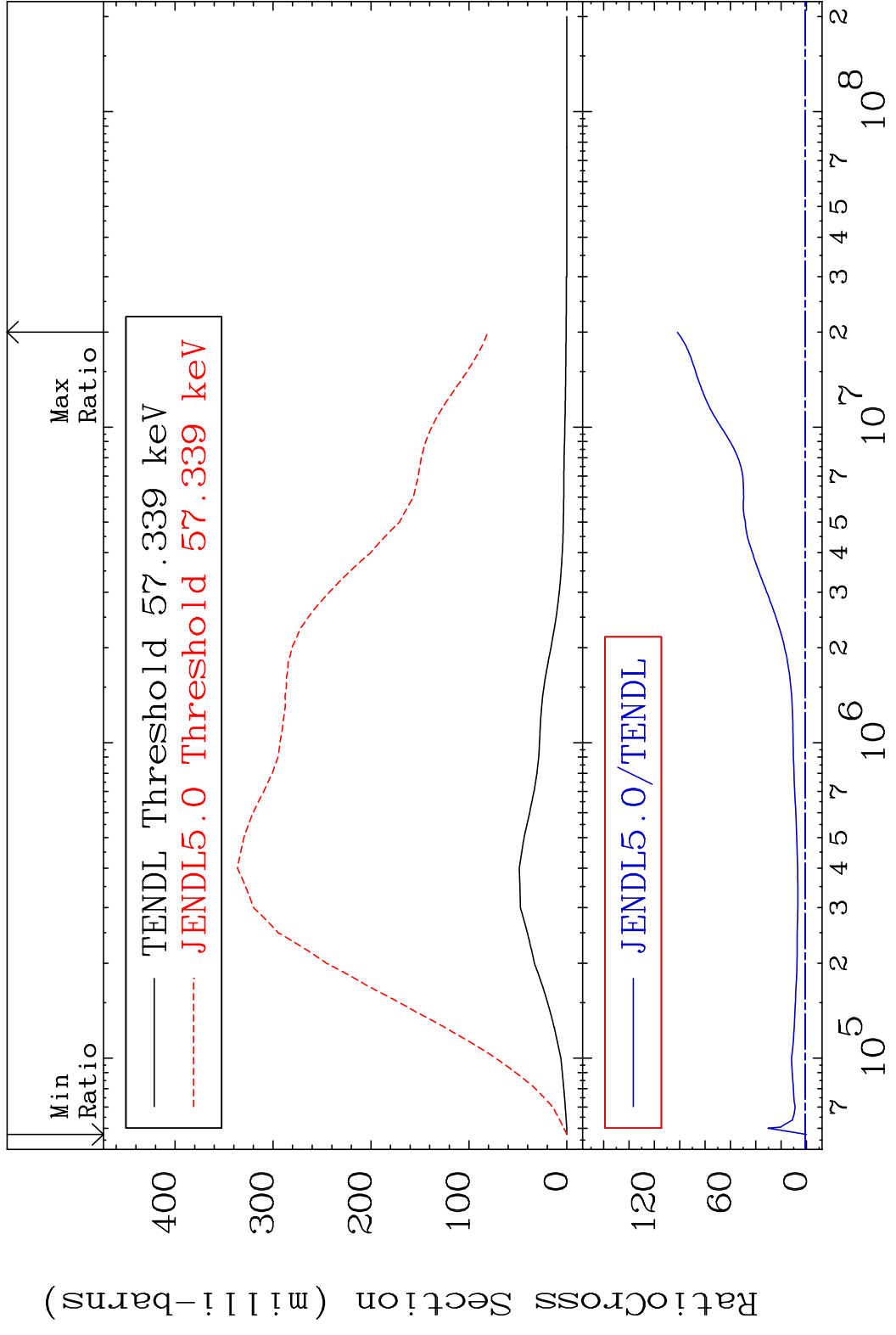


MAT 9628 MT= 51 (n, n') Level 96-Cm-241
 Cross Section -100.0 To 9999. %



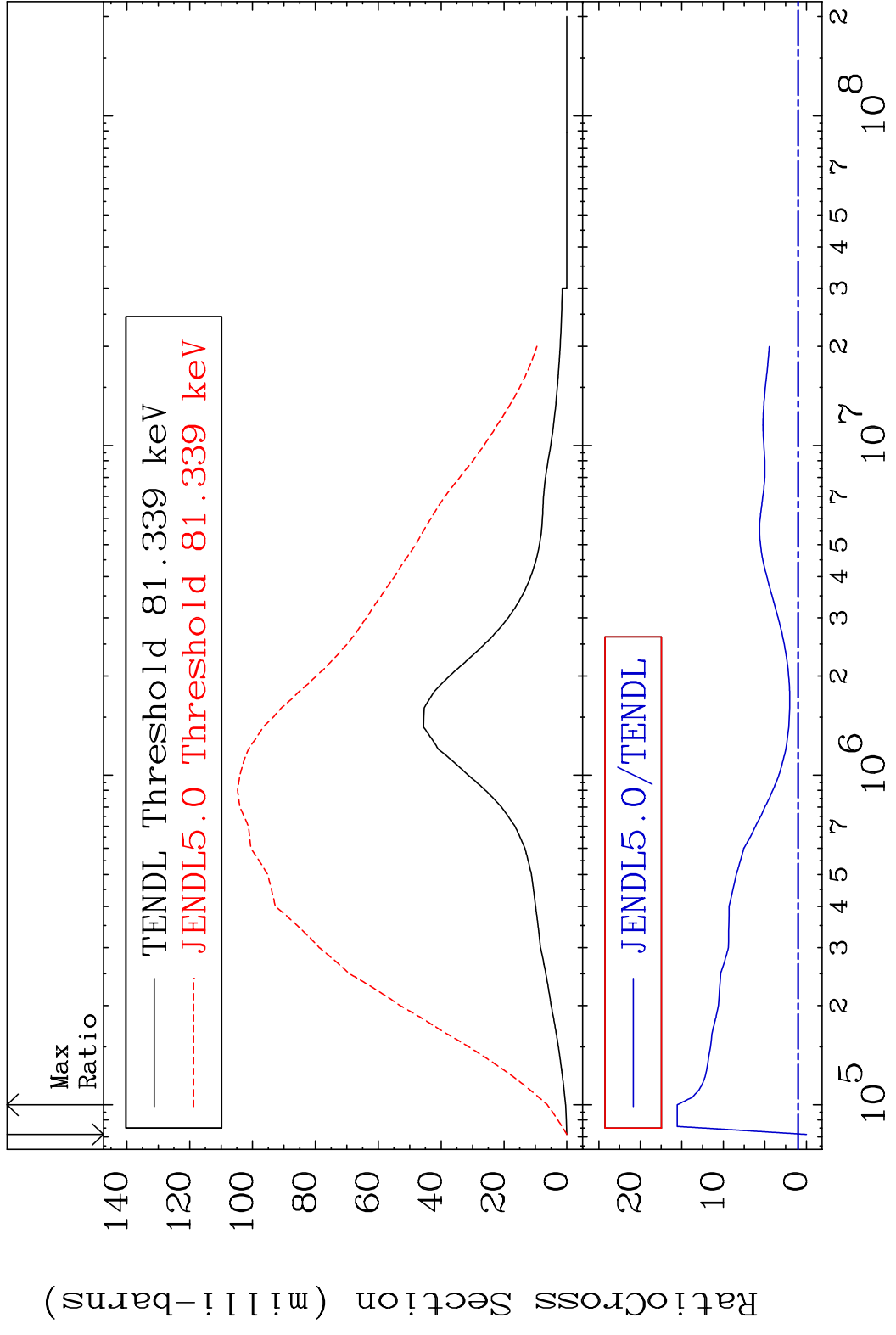
7 Incident Energy (eV) 96-Cm-241

MAT 9628 MT= 52 (n, n') Level 96-Cm-241
 Cross Section -100.0 To 9999. %

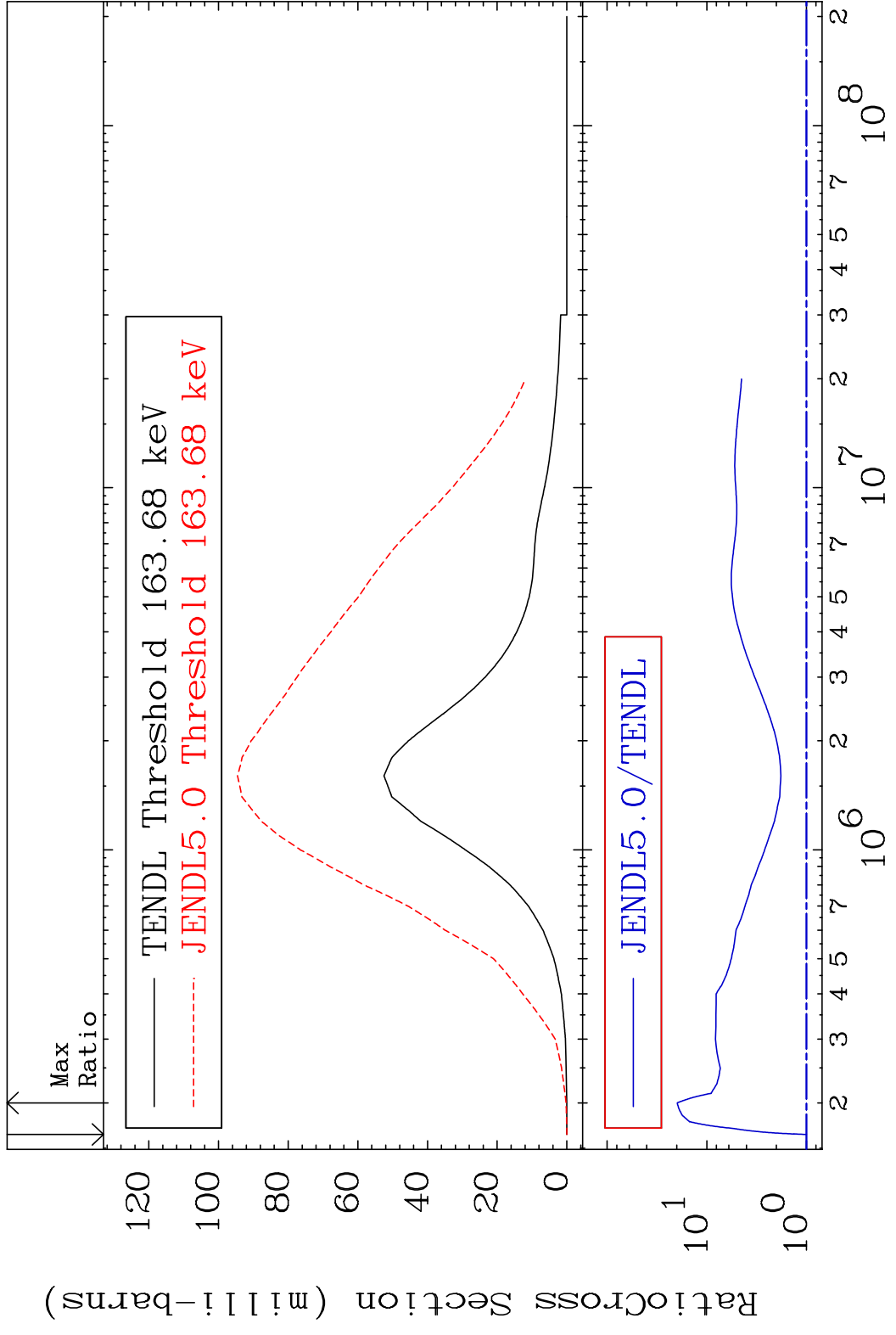


8 8 96-Cm-241

MAT 9628 MT= 53 (n,n') Level 96-Cm-241
 Cross Section -100.0 To 1456. %



MAT 9628 MT= 54 (n, n') Level 96-Cm-241
 Cross Section 0.000 To 1881. %



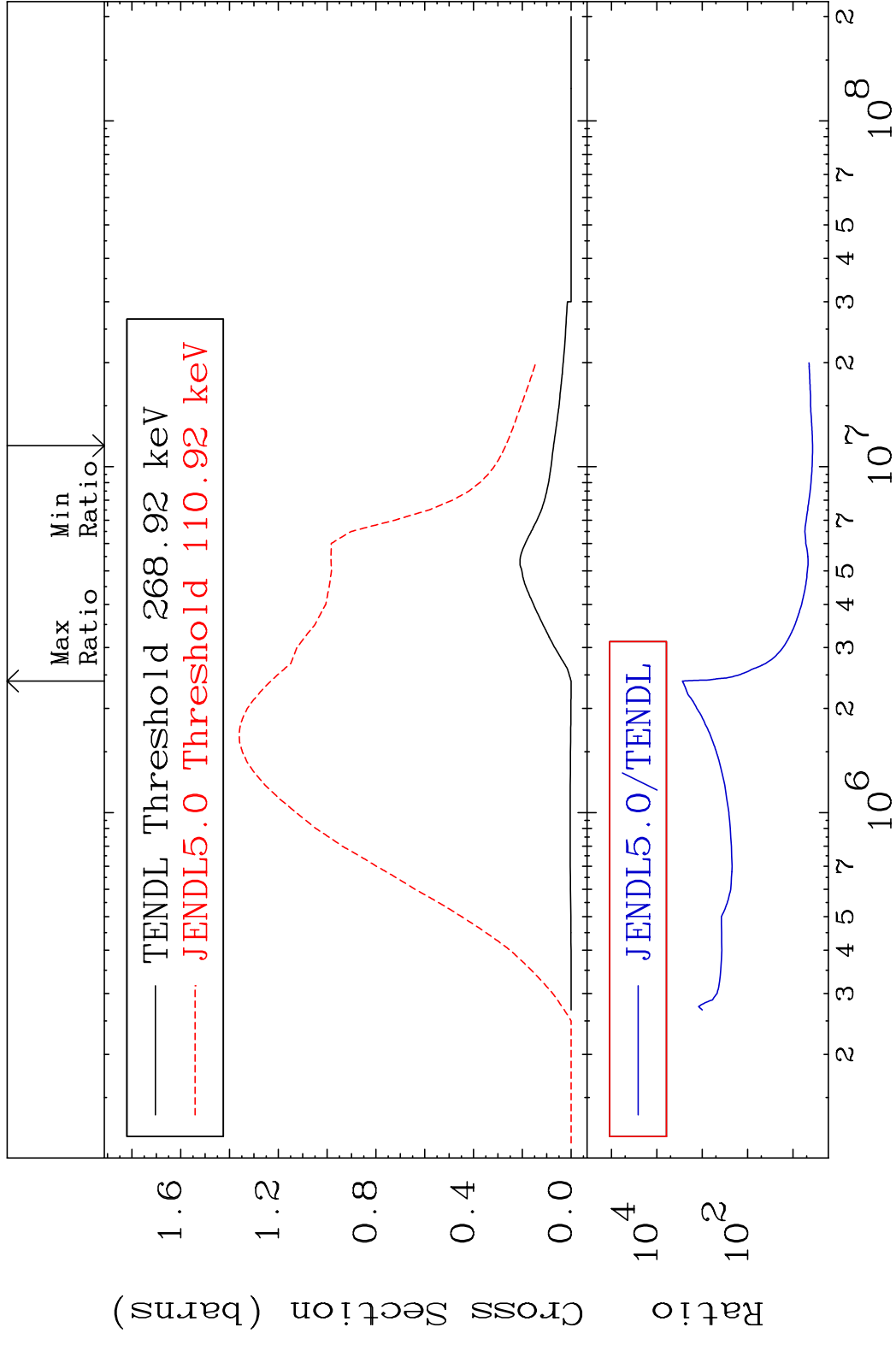
10 Incident Energy (eV) 96-Cm-241

MAT 9628

(n, n') Continuum

96-Cm-241

Cross Section 272.2 To 9999. %

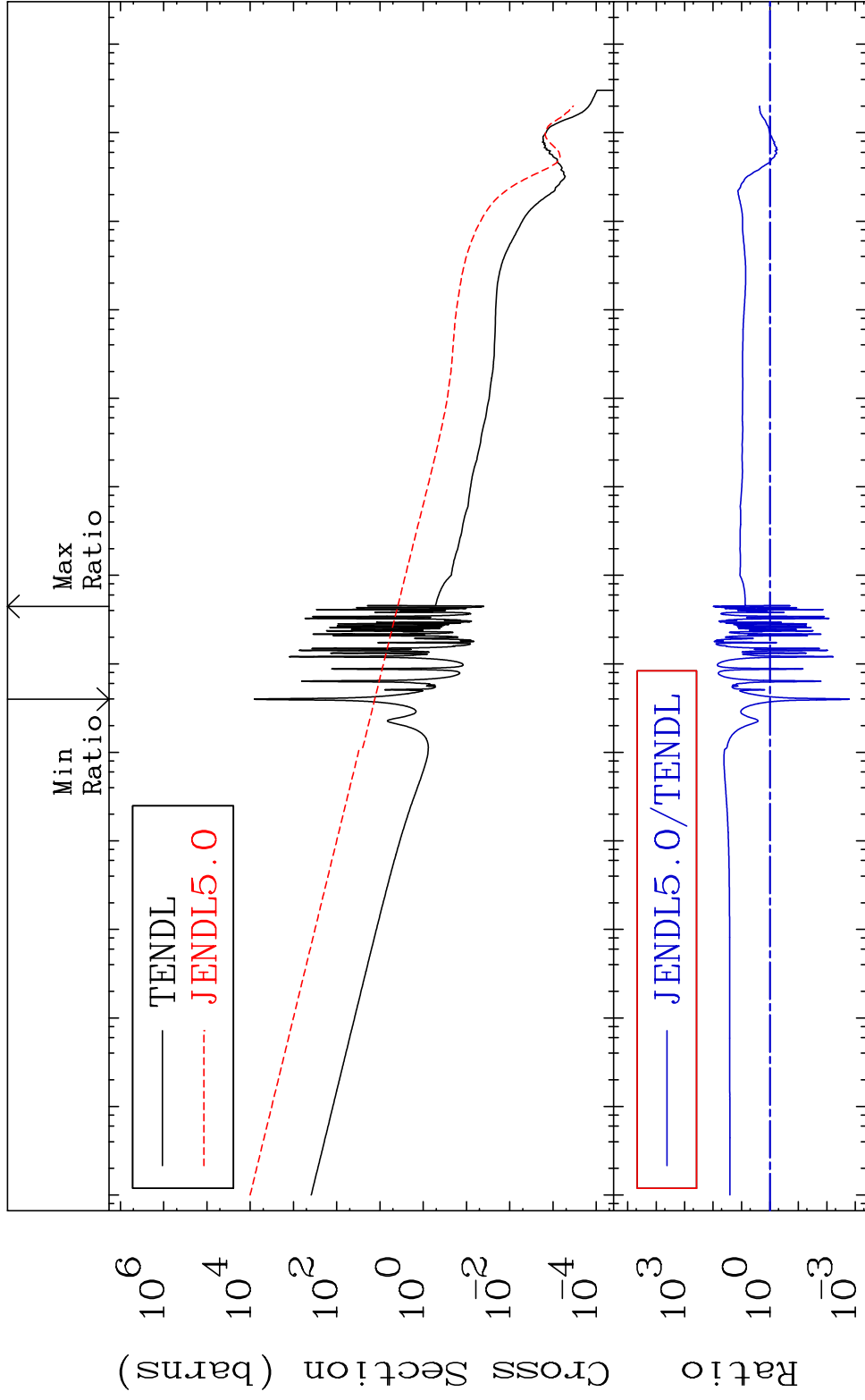


MAT 9628

(n, γ)

96-Cm-241

Cross Section -99.84 To 9819. %

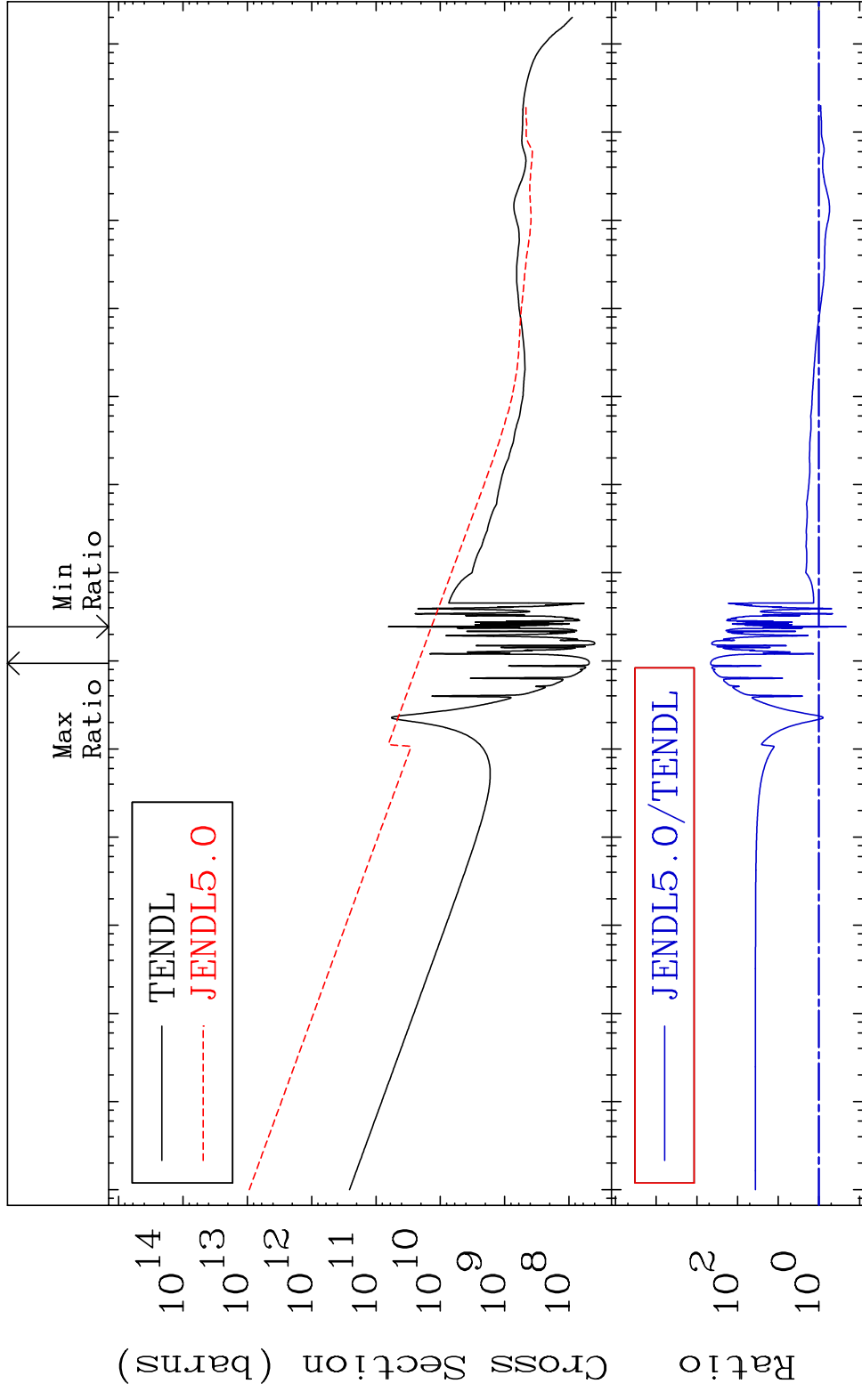


12

Incident Energy (eV)

96-Cm-241

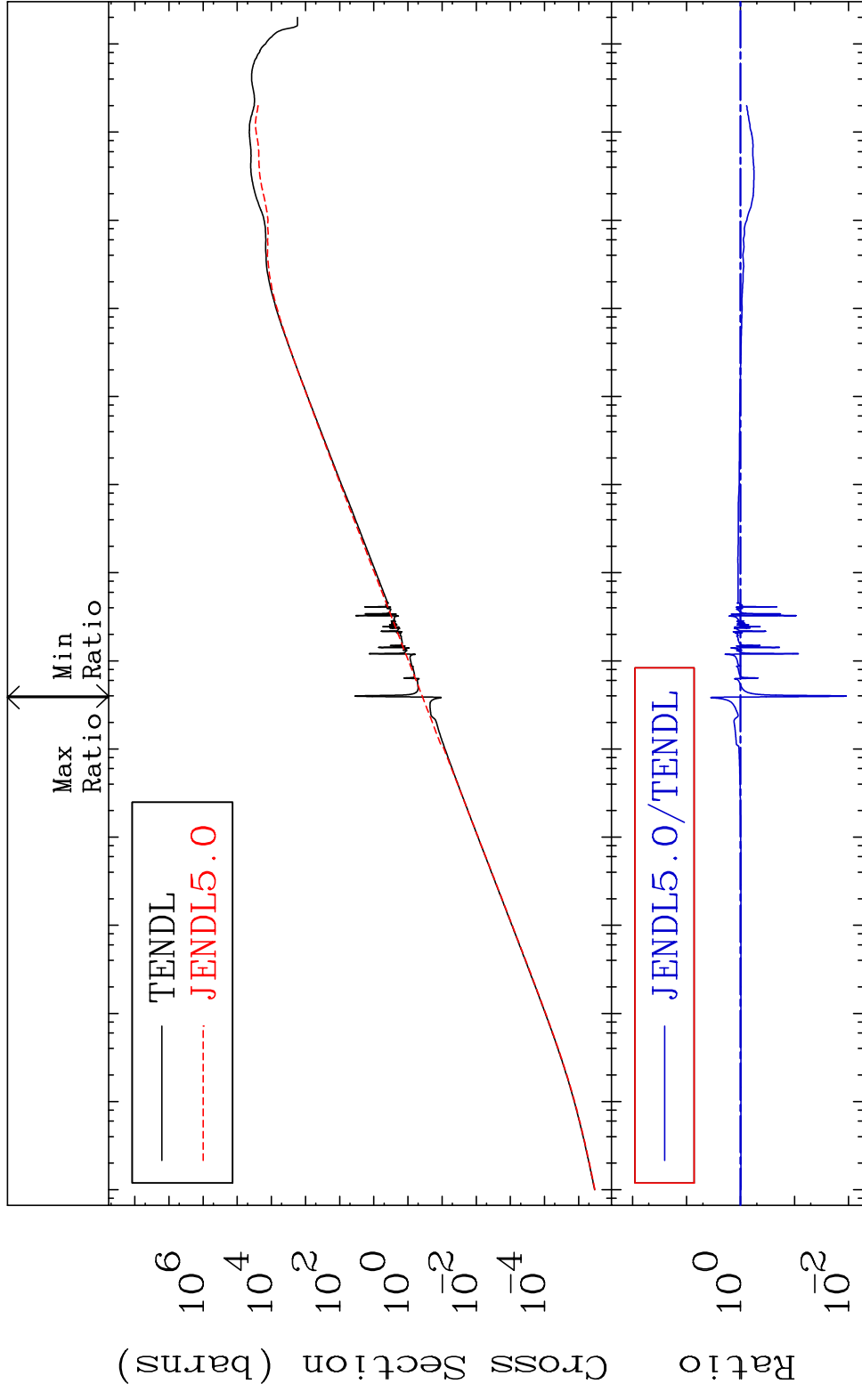
MAT 9628 Kerma total (eV-barns) 96-Cm-241
 Cross Section -78.79 To 9999. %



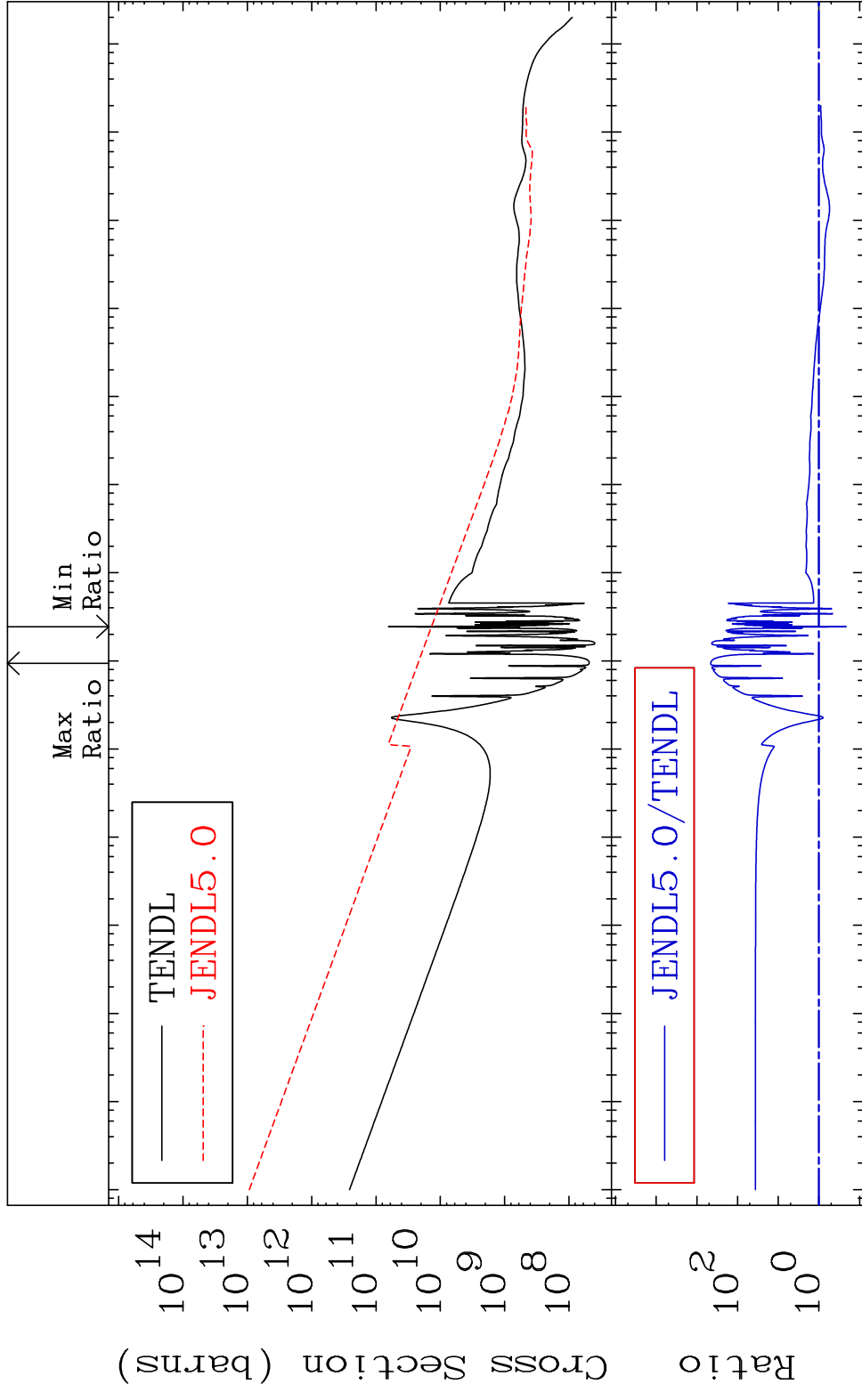
MAT 9628

Kerma elastic
Cross Section -98.90 To 256.8 %

96-Cm-241

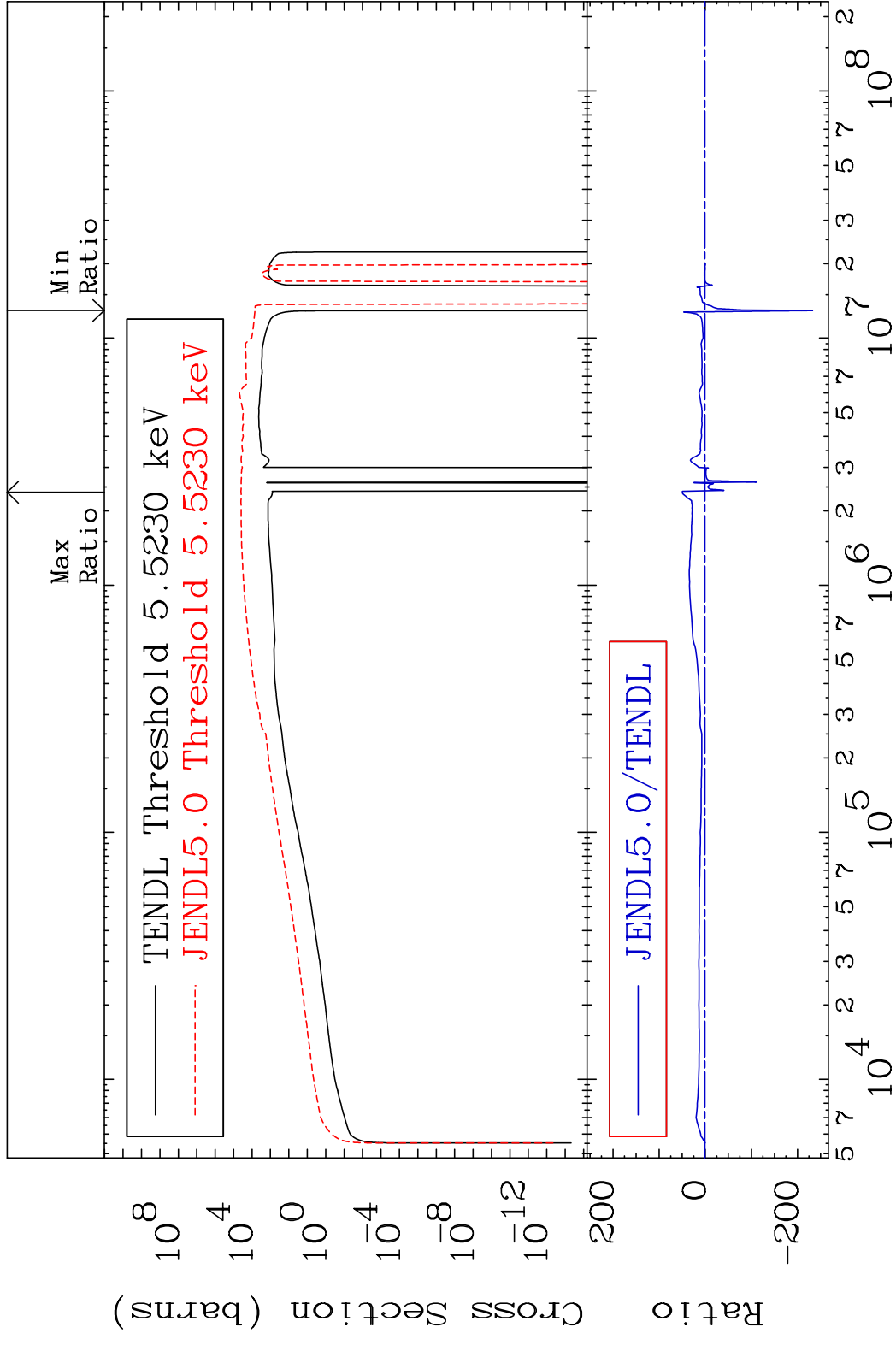


MAT 9628 Kerma non-elastic (all but mt2) 96-Cm-241
 Cross Section -78.79 To 9999. %

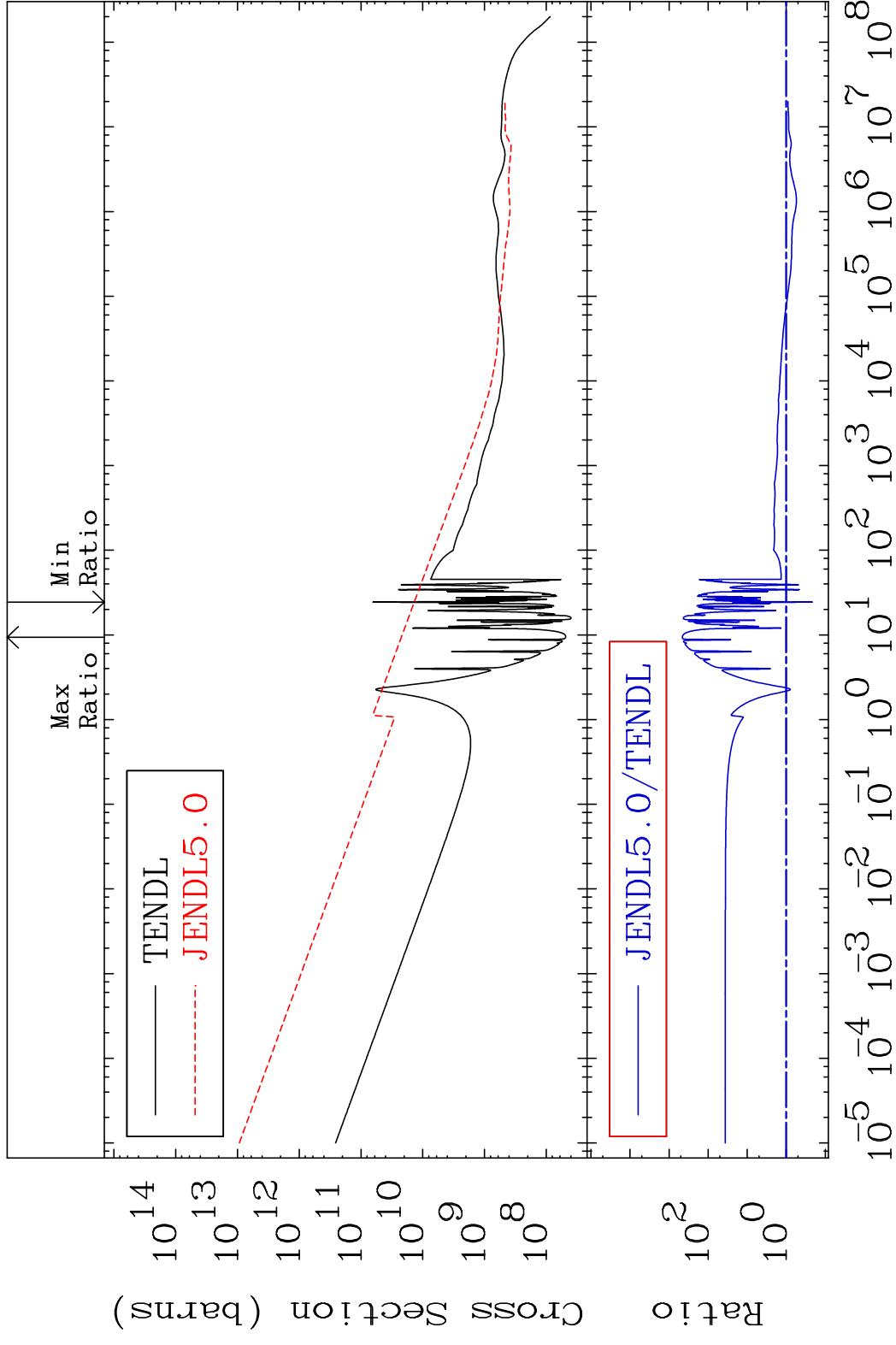


15 Incident Energy (eV) 96-Cm-241

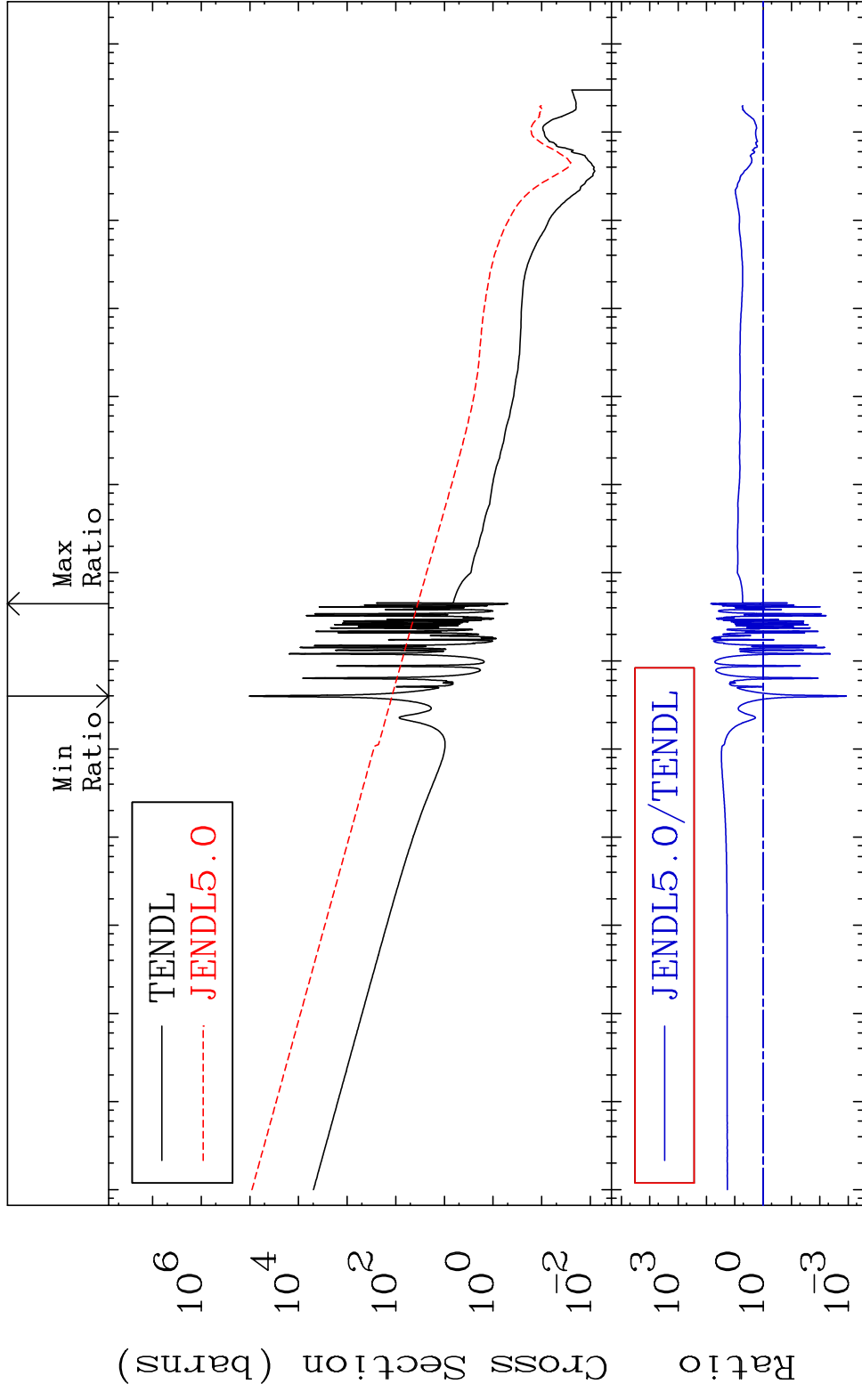
MAT 9628 Kerma inelastic (mt51-91) 96-Cm-241
 Cross Section -9999. To 4870. %



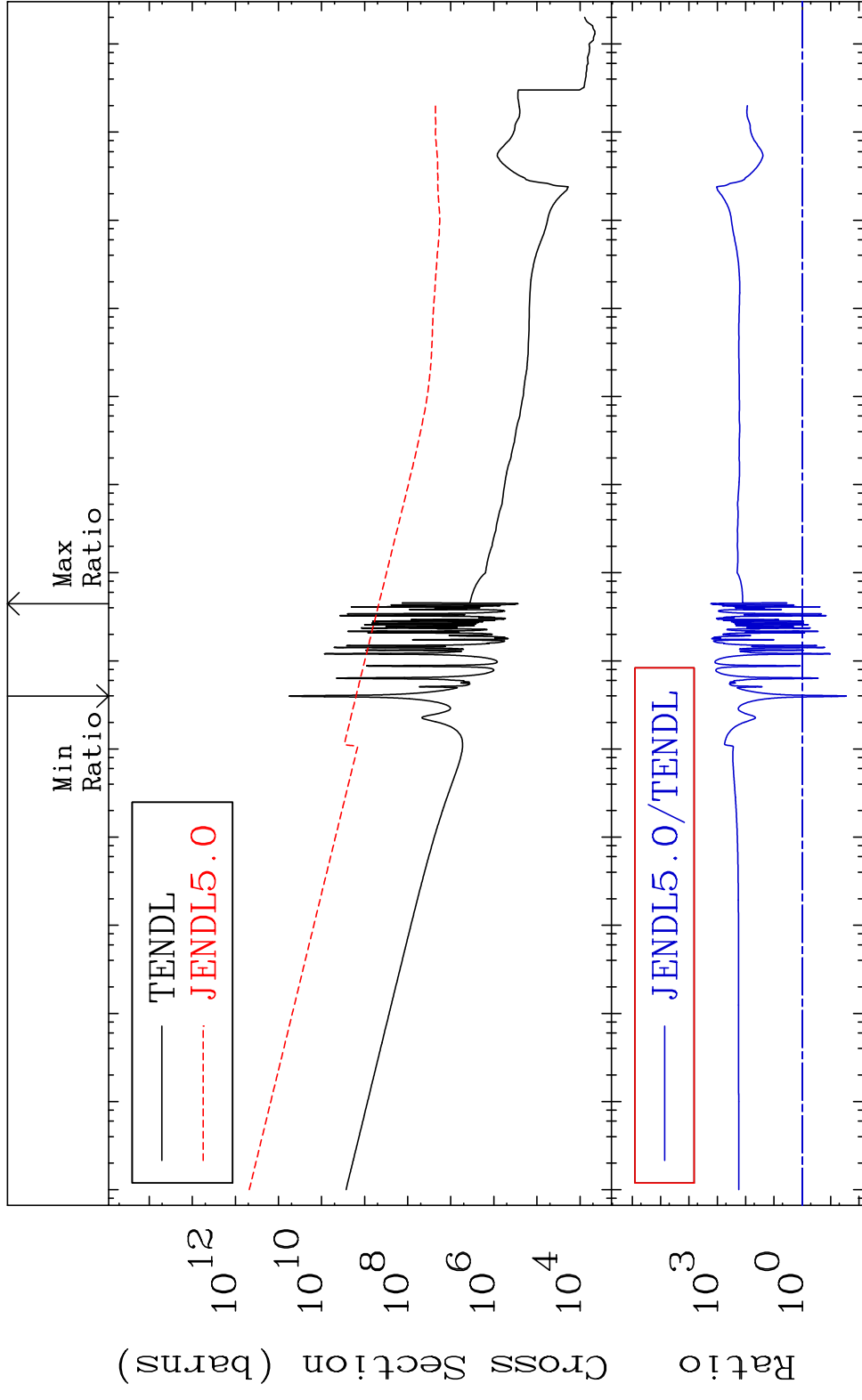
MAT 9628 Kerma fission (mt18 or mt19-20-21-38) 96-Cm-241
 Cross Section -78.79 To 9999. %



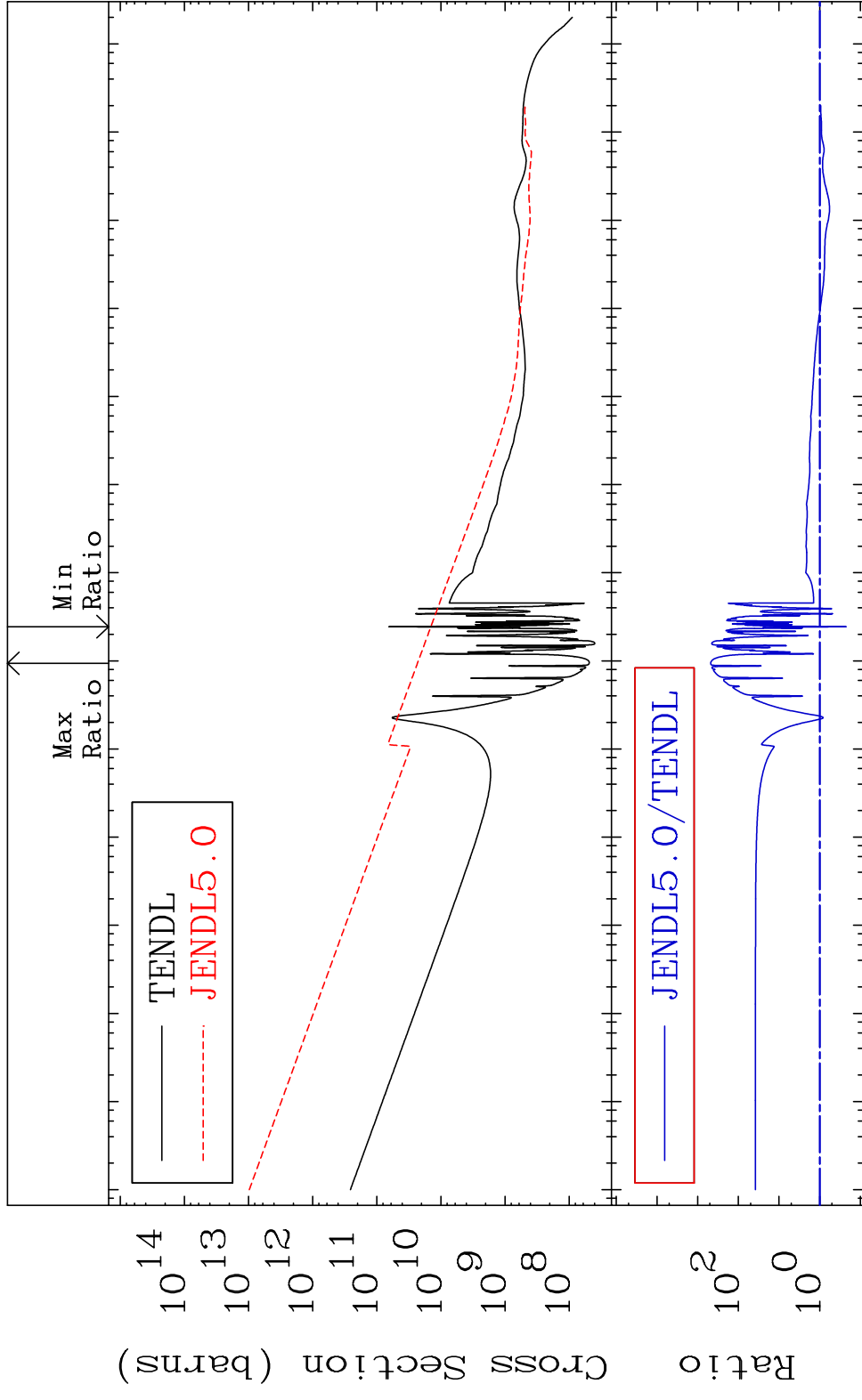
MAT 9628 Kerma capture (mt102) 96-Cm-241
 Cross Section -99.88 To 6967. %



MAT 9628 Total photon (eV-barns) 96-Cm-241
 Cross Section -97.20 To 9999. %

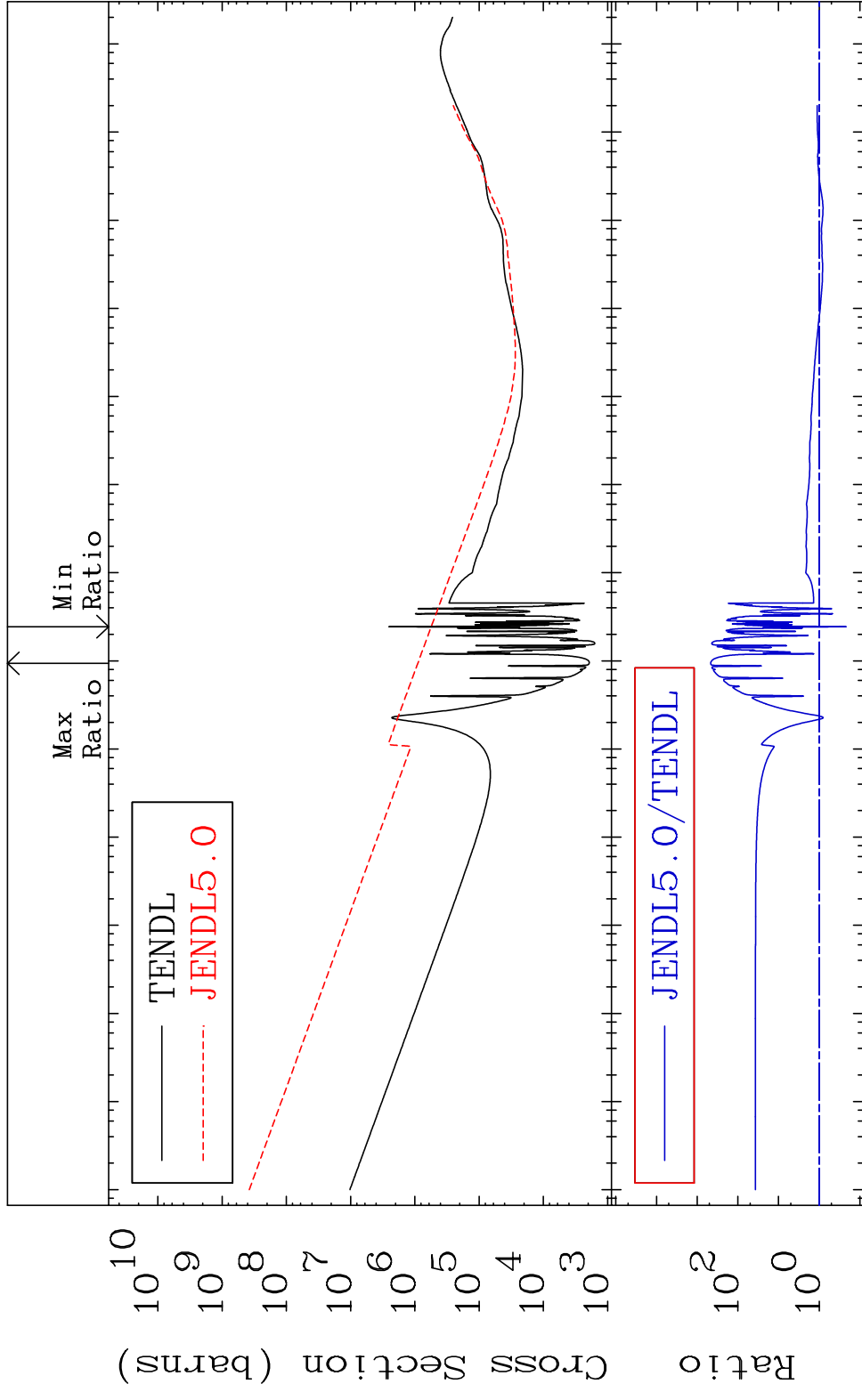


MAT 9628 Total kinematic kerma (high limit) 96-Cm-241
Cross Section -77.87 To 9999. %

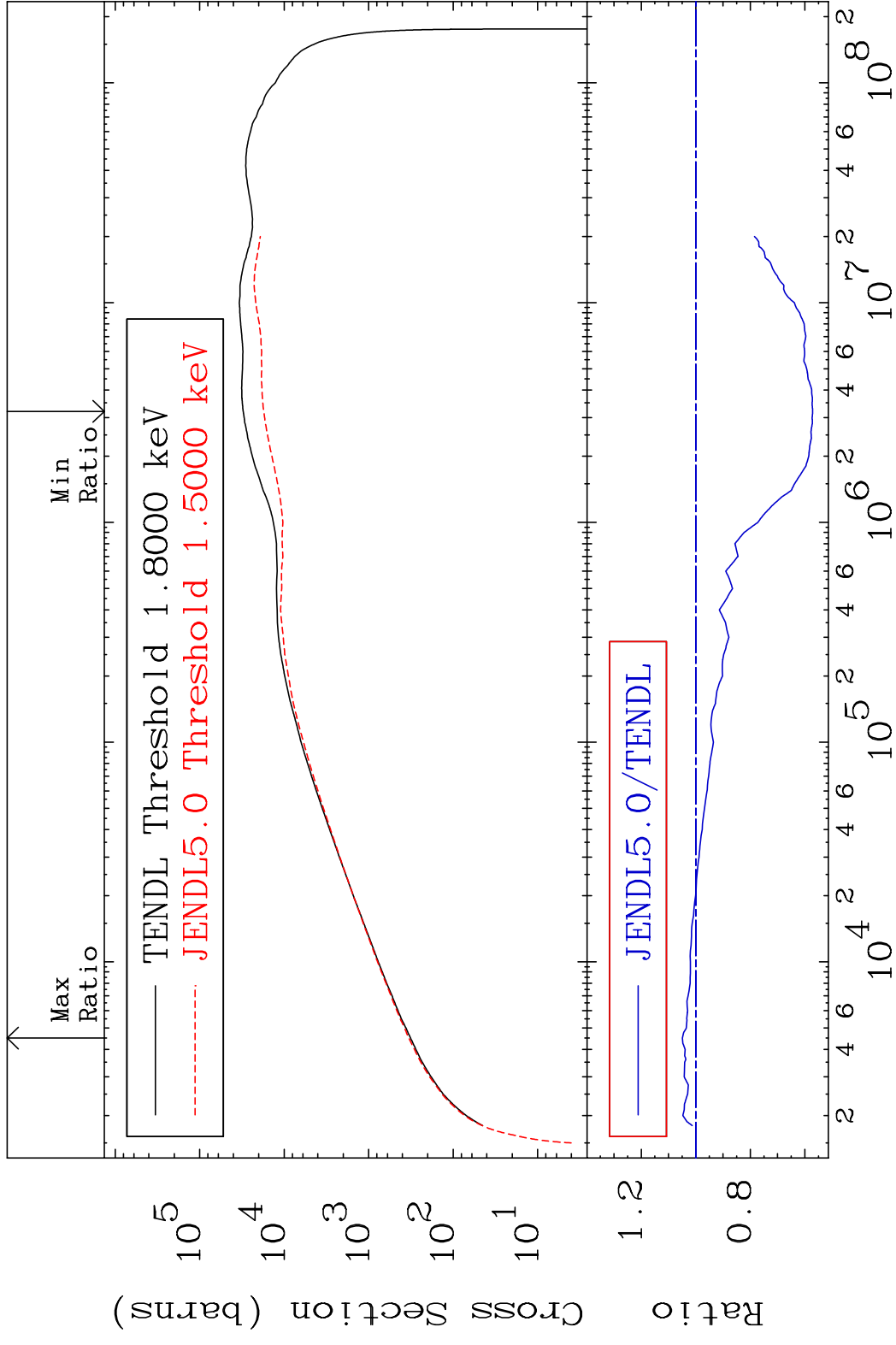


20 Incident Energy (eV) 96-Cm-241

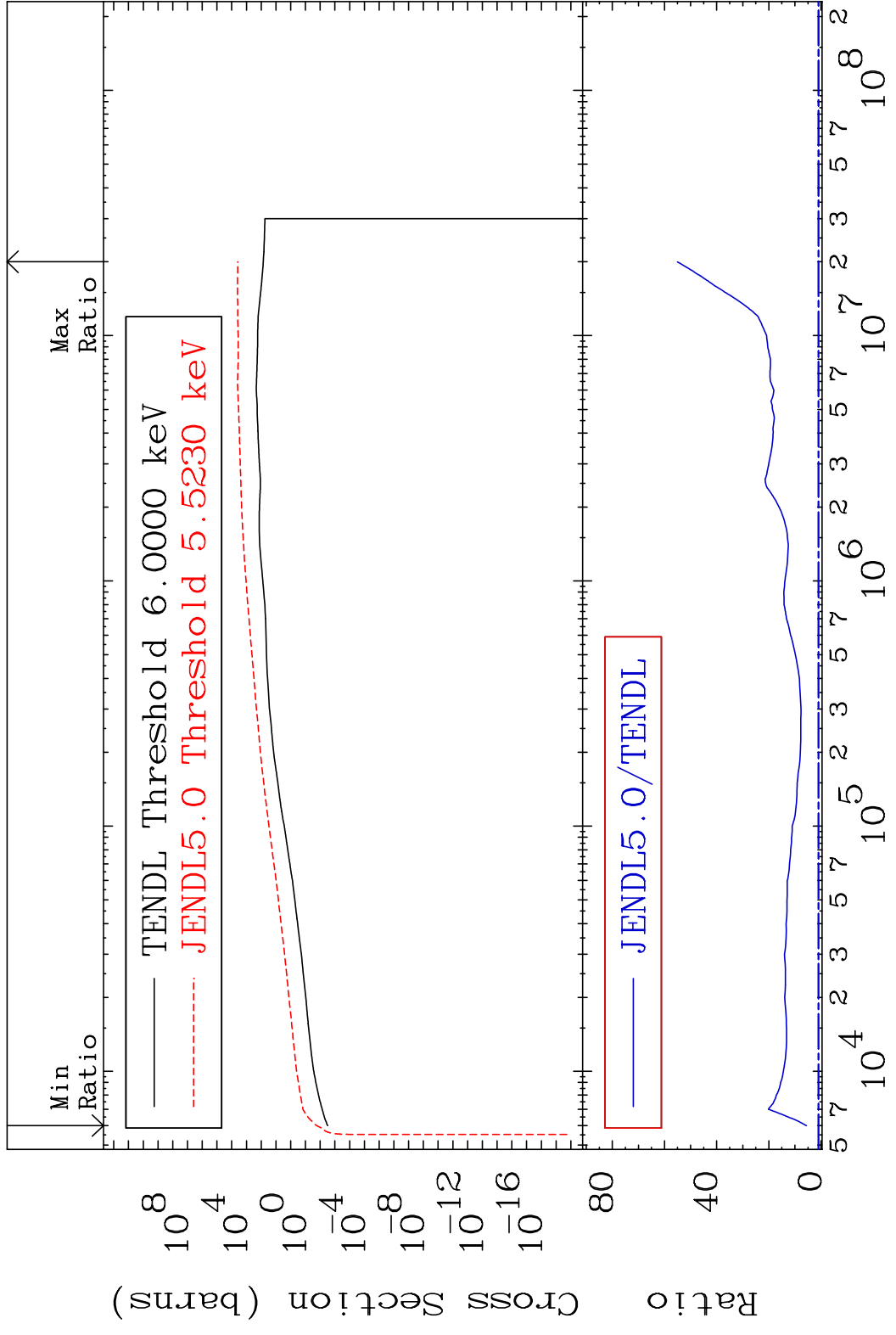
MAT 9628 Dpa total (eV-barns) 96-Cm-241
 Cross Section -78.42 To 9999. %



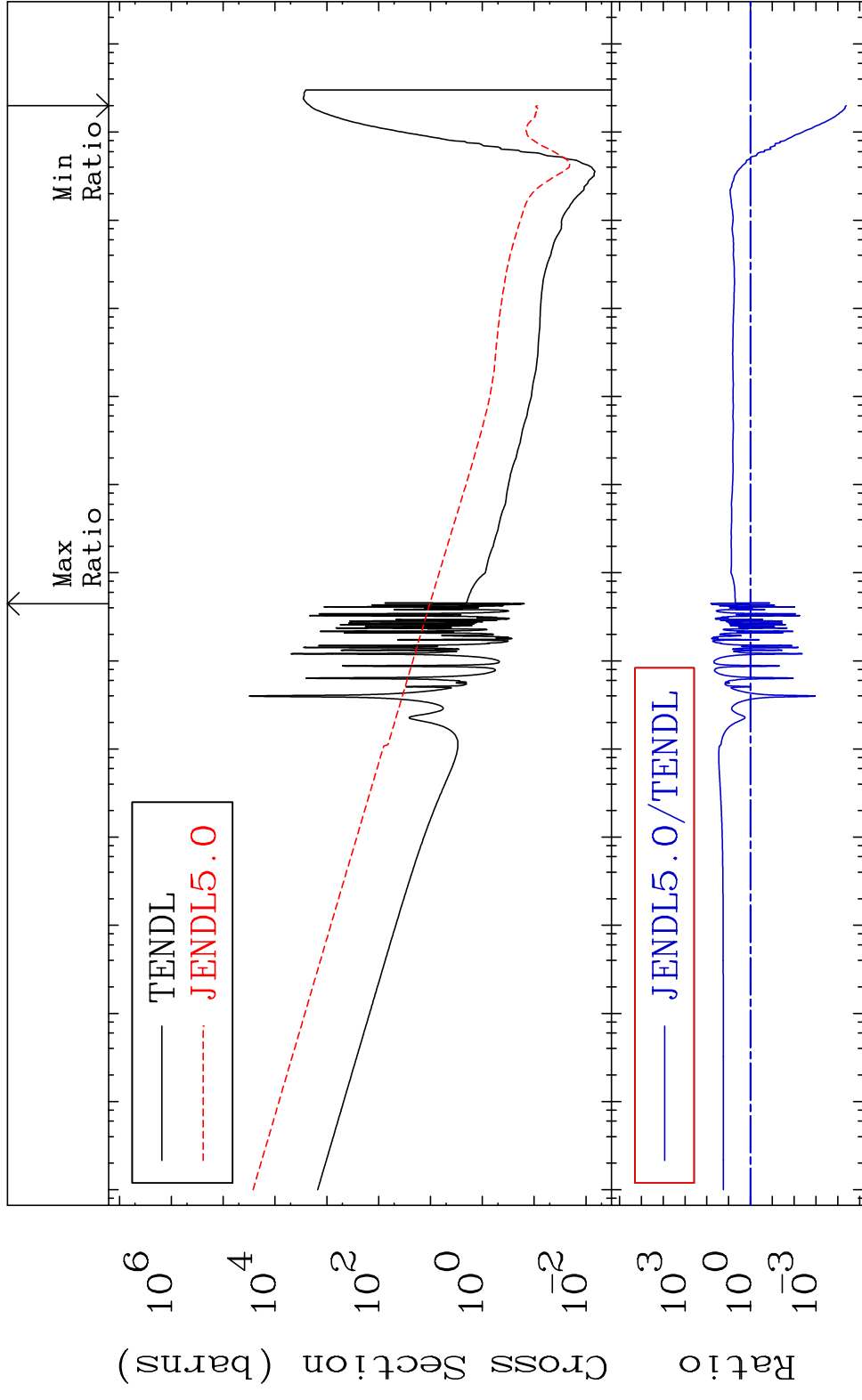
MAT 9628 Dpa elastic (mt2) 96-Cm-241
 Cross Section -42.84 To 4.919 %



MAT 9628 Dpa inelastic (mt51-91) 96-Cm-241
 Cross Section 458.6 To 5414. %



MAT 9628 Dpa disappearance (mt102 -120) 96-Cm-241
 Cross Section -100.0 To 6533. %

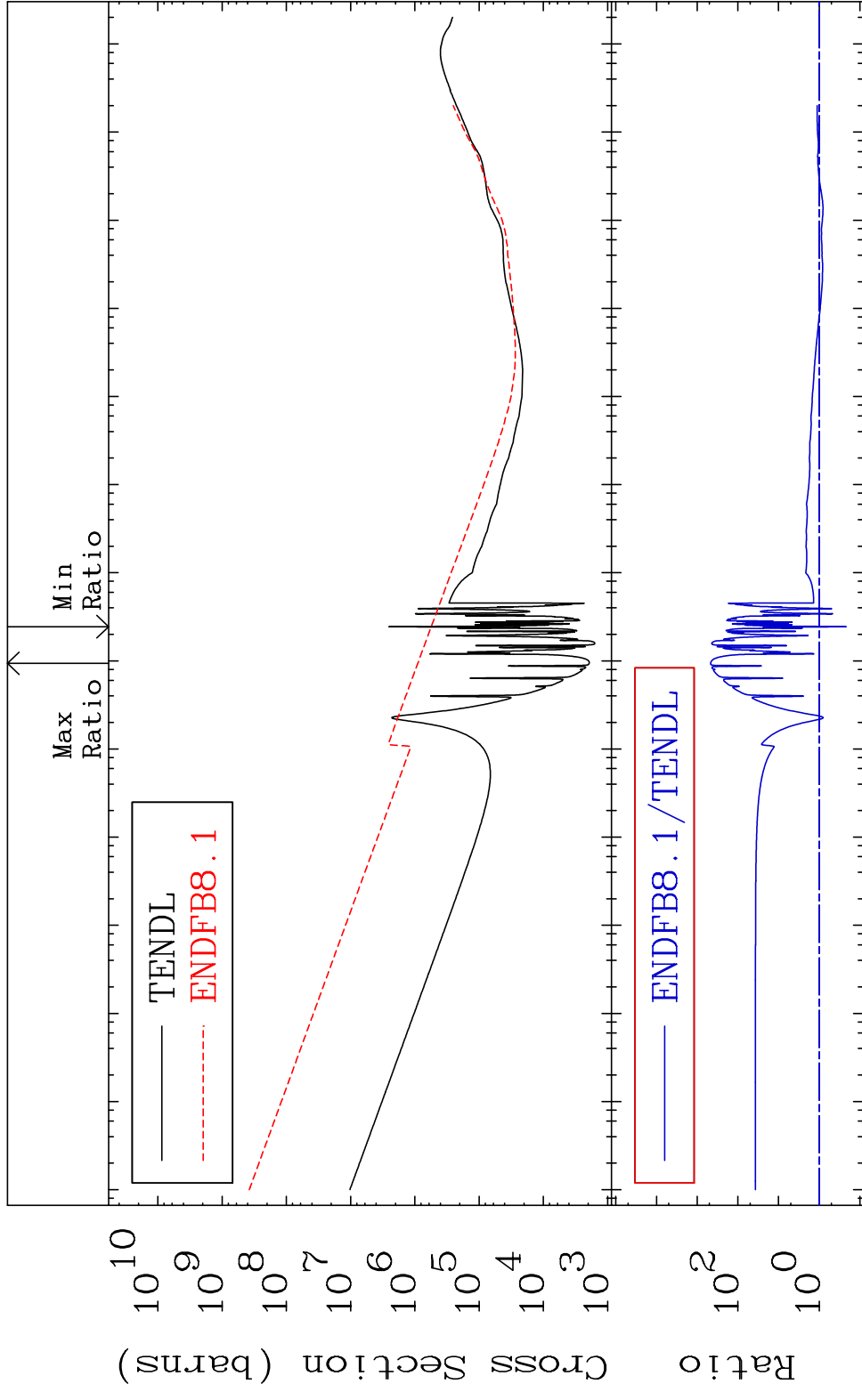


Ratio
 10^6
 10^4
 10^2
 10^0
 10^{-2}
 10^3
 10^0
 10^{-3}

Incident Energy (eV)

10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

MAT 9628 Dpa total (eV-barns) 96-Cm-241
 Cross Section -78.42 To 9999. %

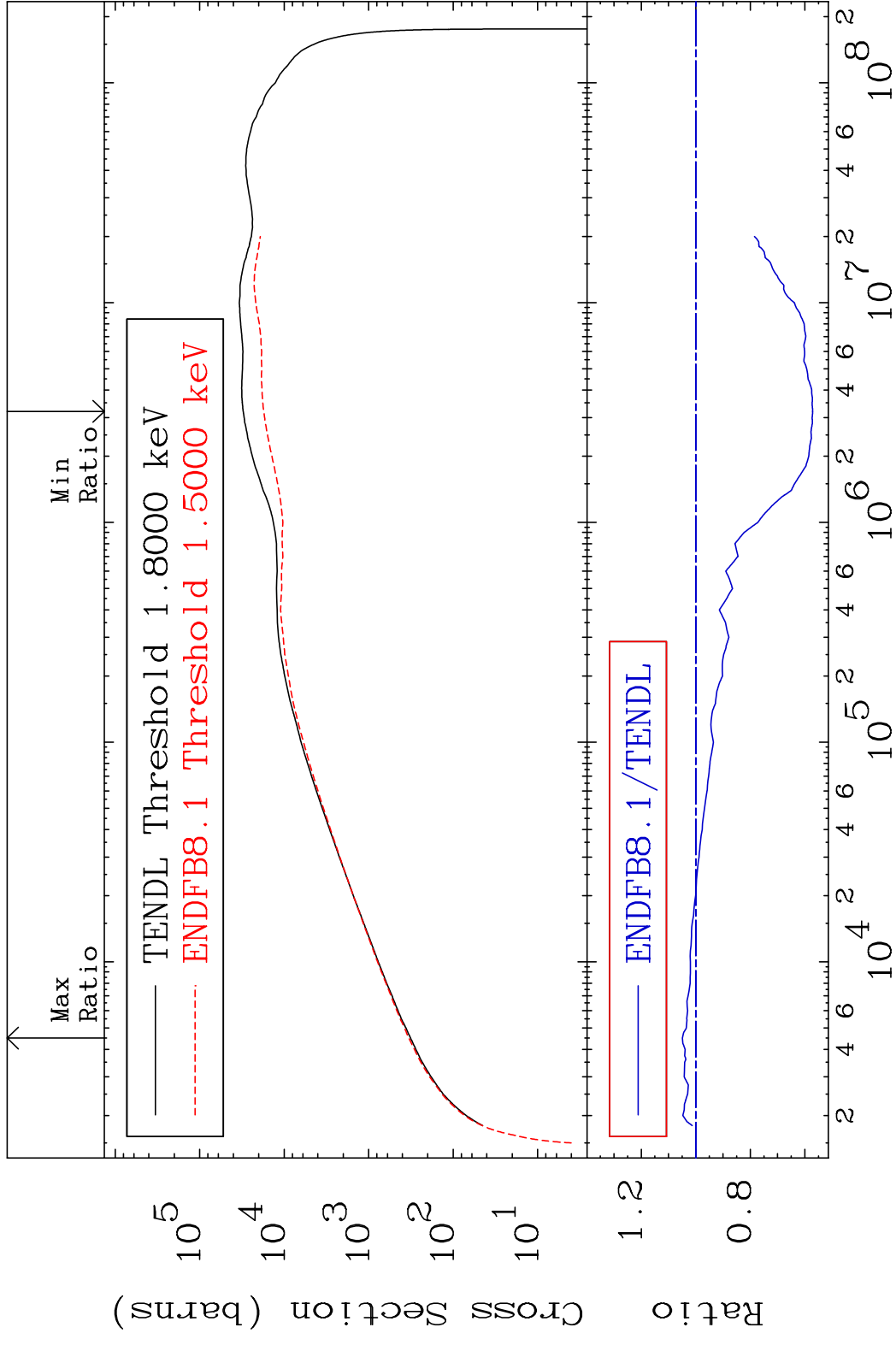


MAT 9628

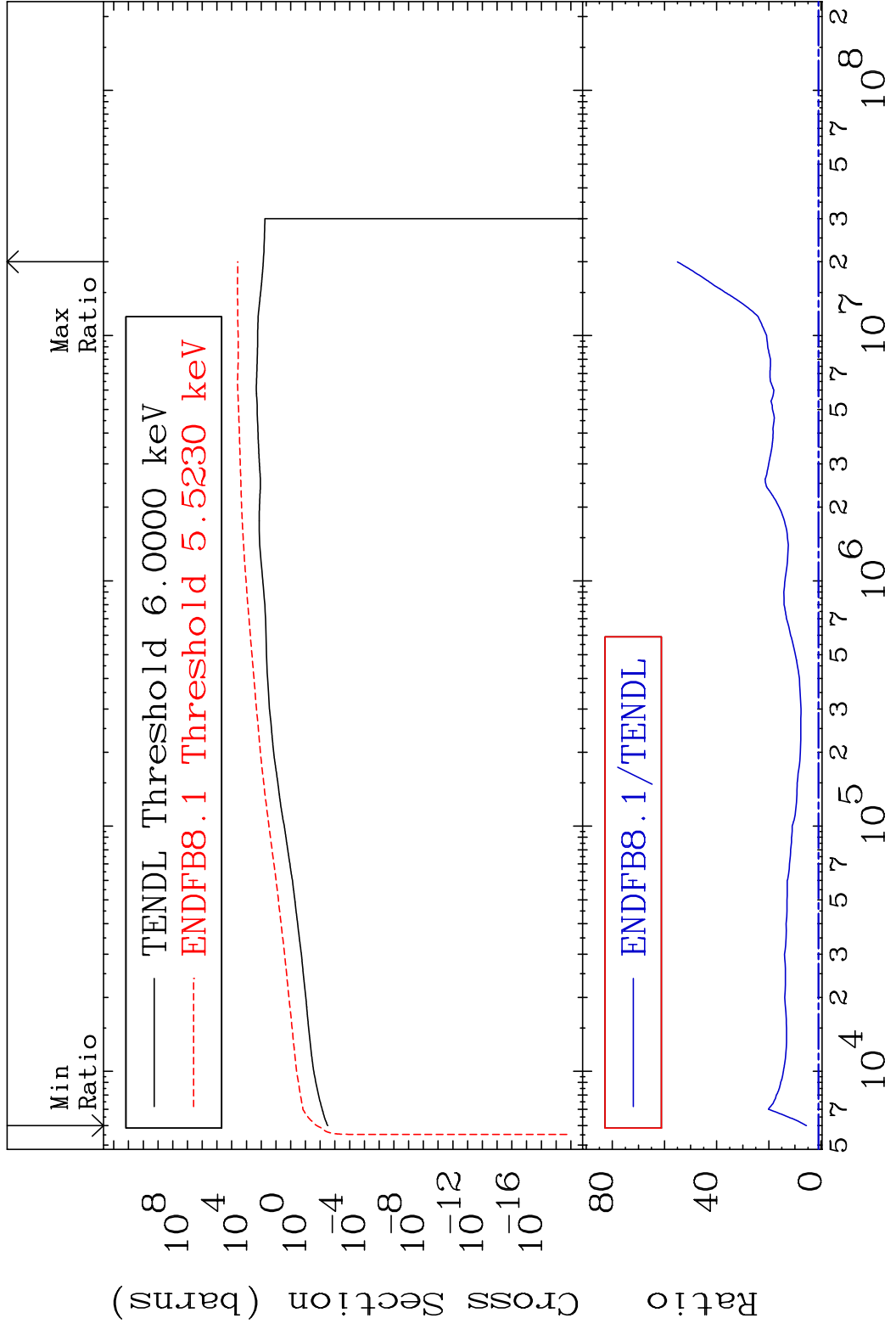
Dpa elastic (mt2)

96-Cm-241

Cross Section -42.84 To 4.919 %



MAT 9628 Dpa inelastic (mt51-91) 96-Cm-241
 Cross Section 458.6 To 5414. %



MAT 9628 Dpa disappearance (mt102 -120) 96-Cm-241
 Cross Section -100.0 To 6533. %

