

Program Complot
(Version 2021-1)

by

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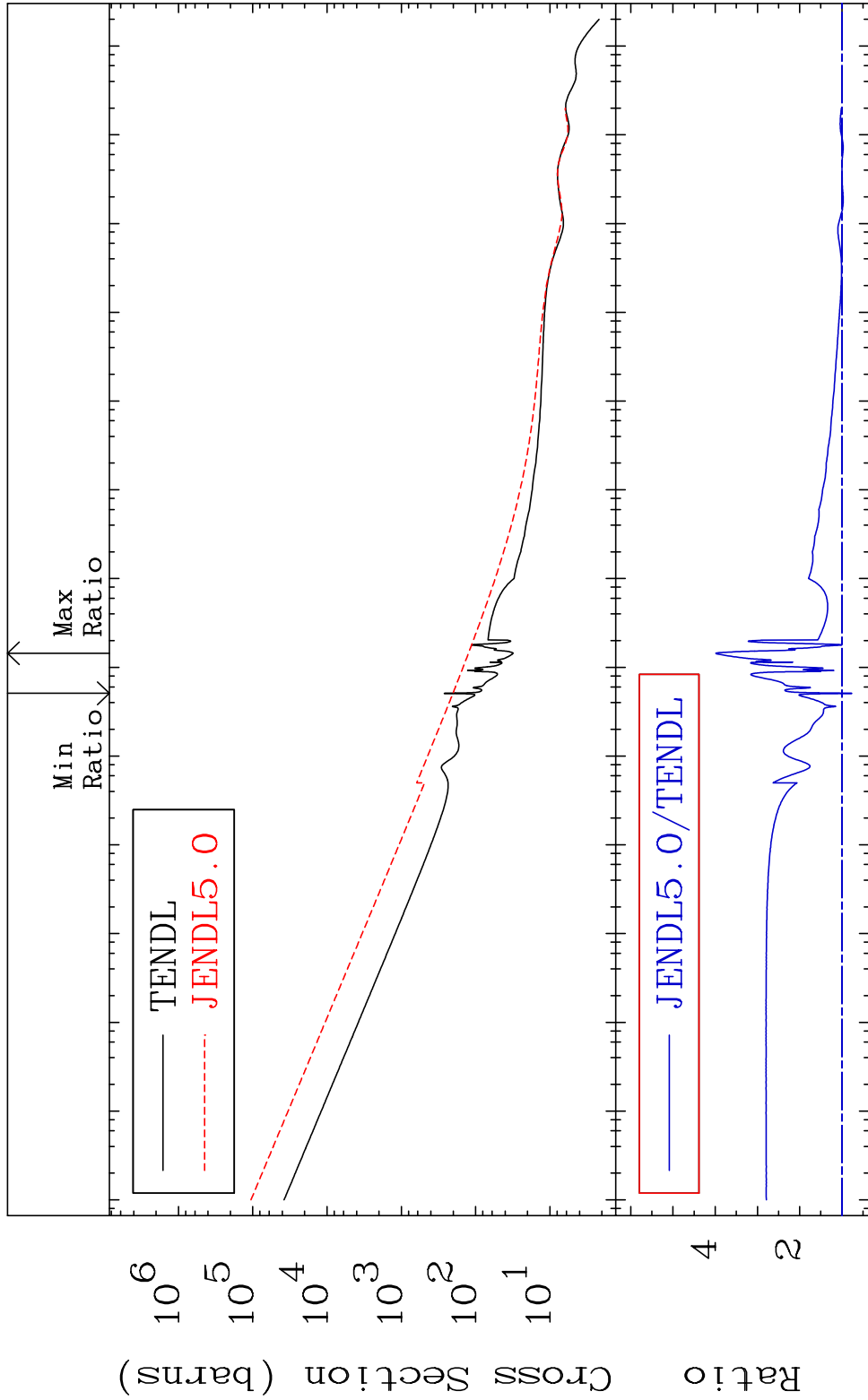
Press Mouse Button to Start

MAT 9337

Total

93-Np-234

Cross Section -24.40 To 299.0 %



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

1

Incident Energy (eV)

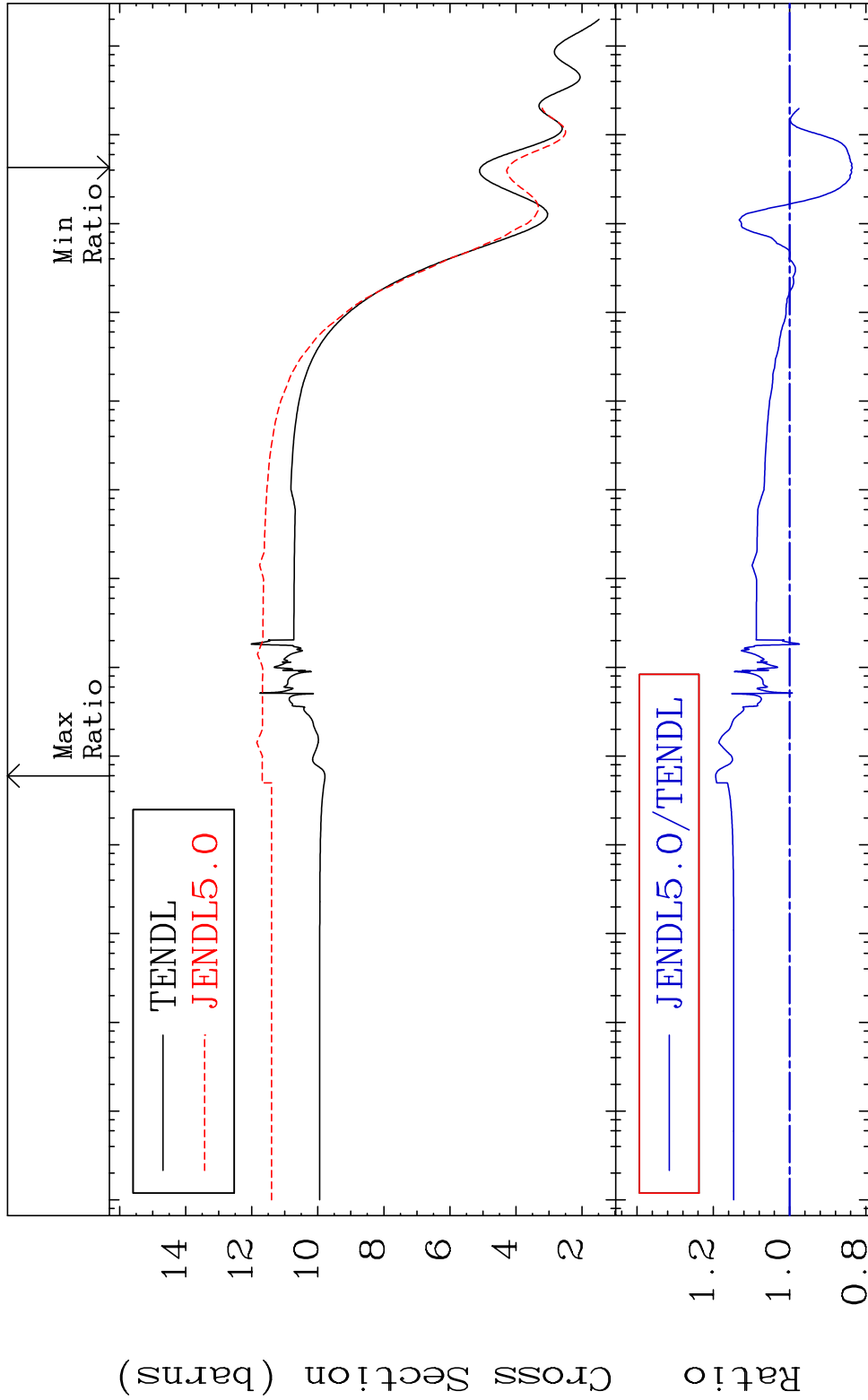
93-Np-234

MAT 9337

Elastic

93-Np-234

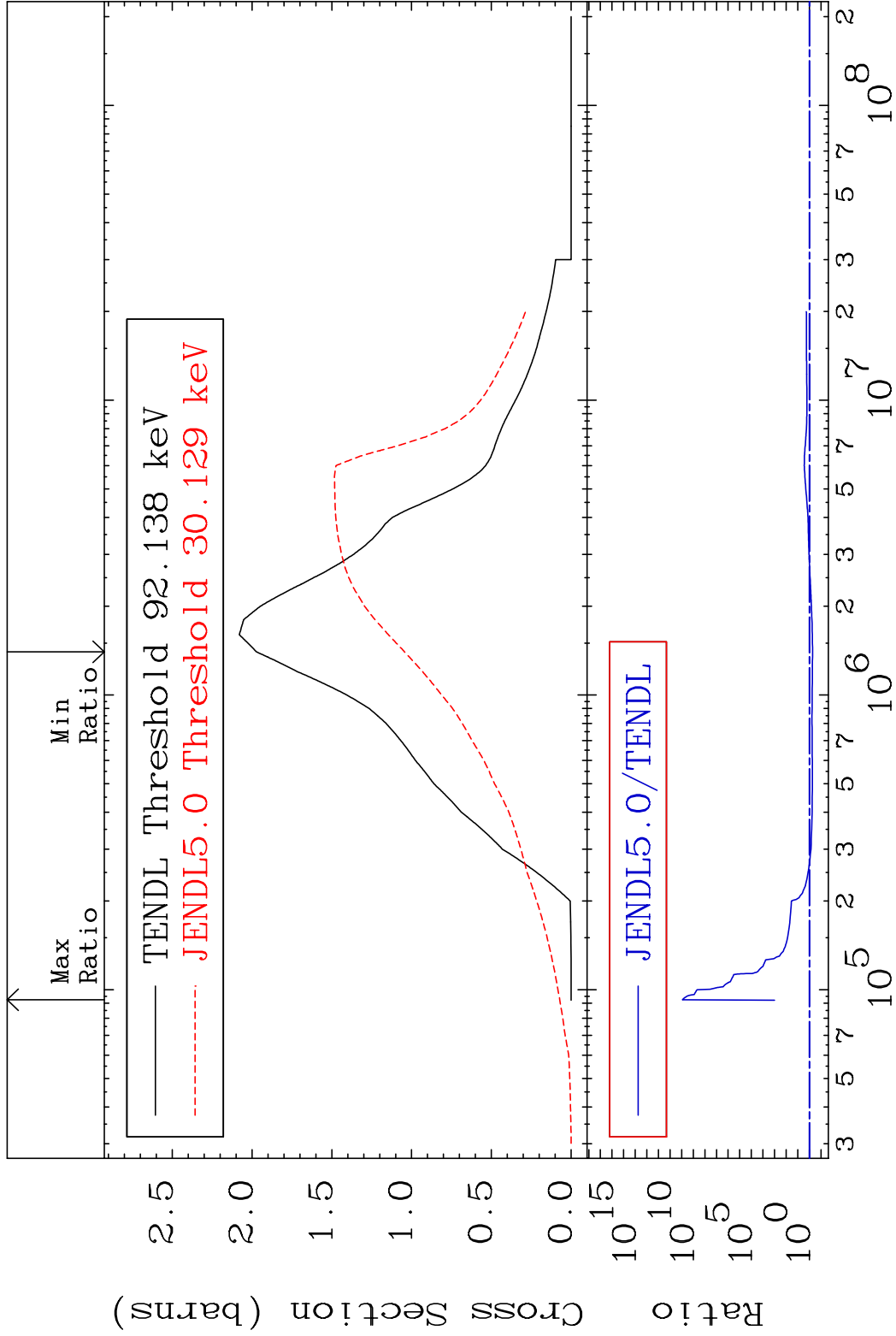
Cross Section -16.40 To 19.39 %

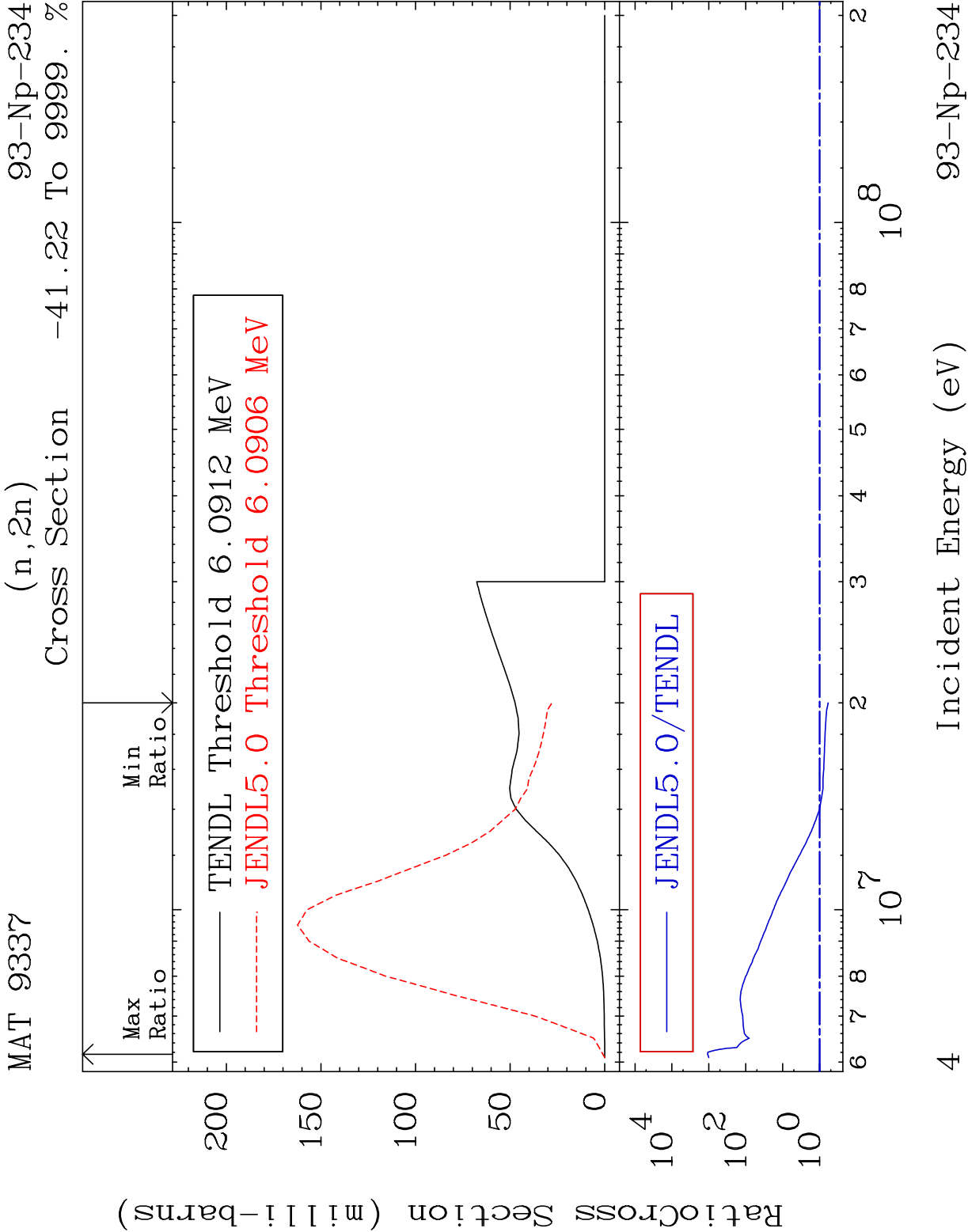


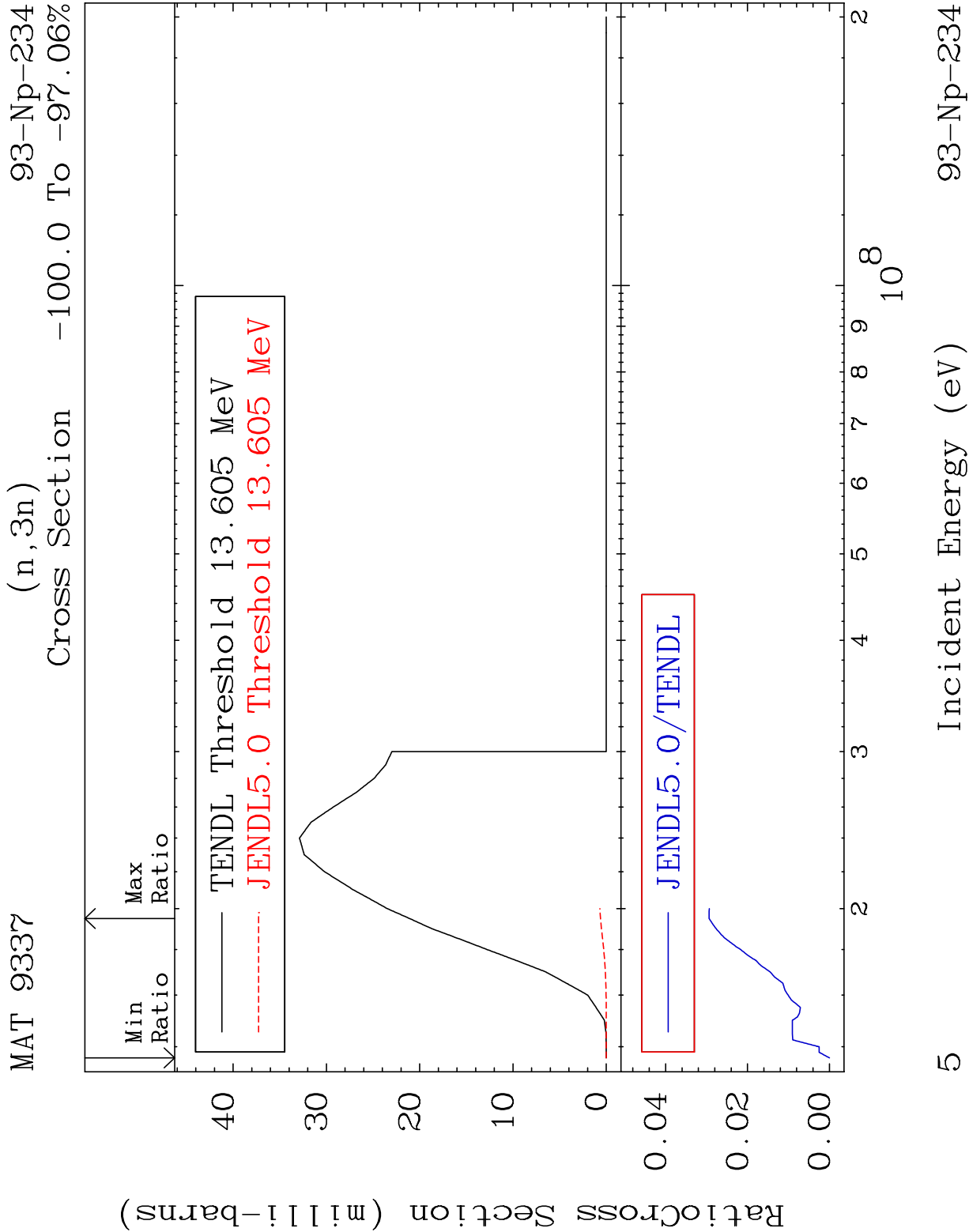
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

Incident Energy (eV)

93-Np-234





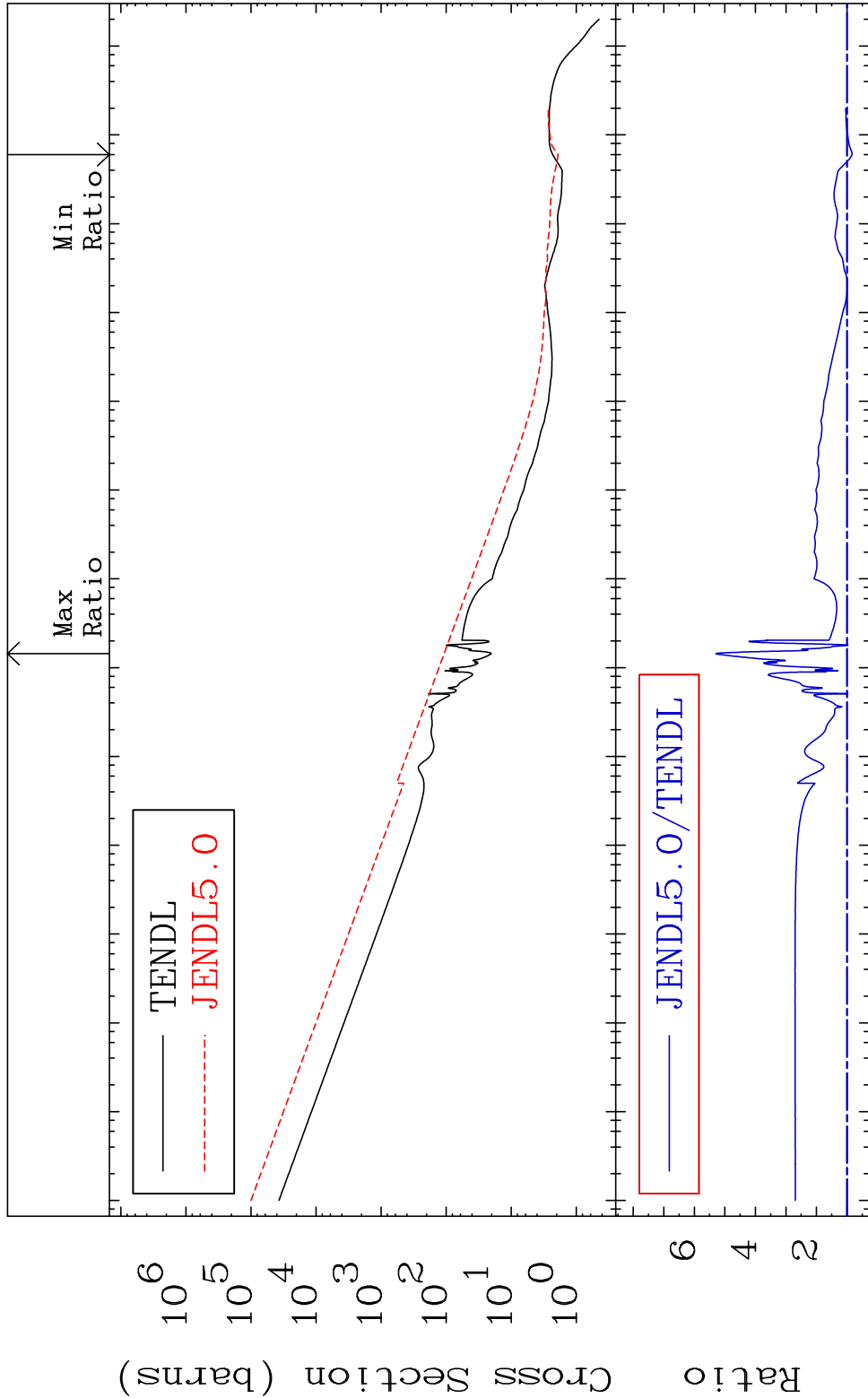


MAT 9337

Fission

93-Np-234

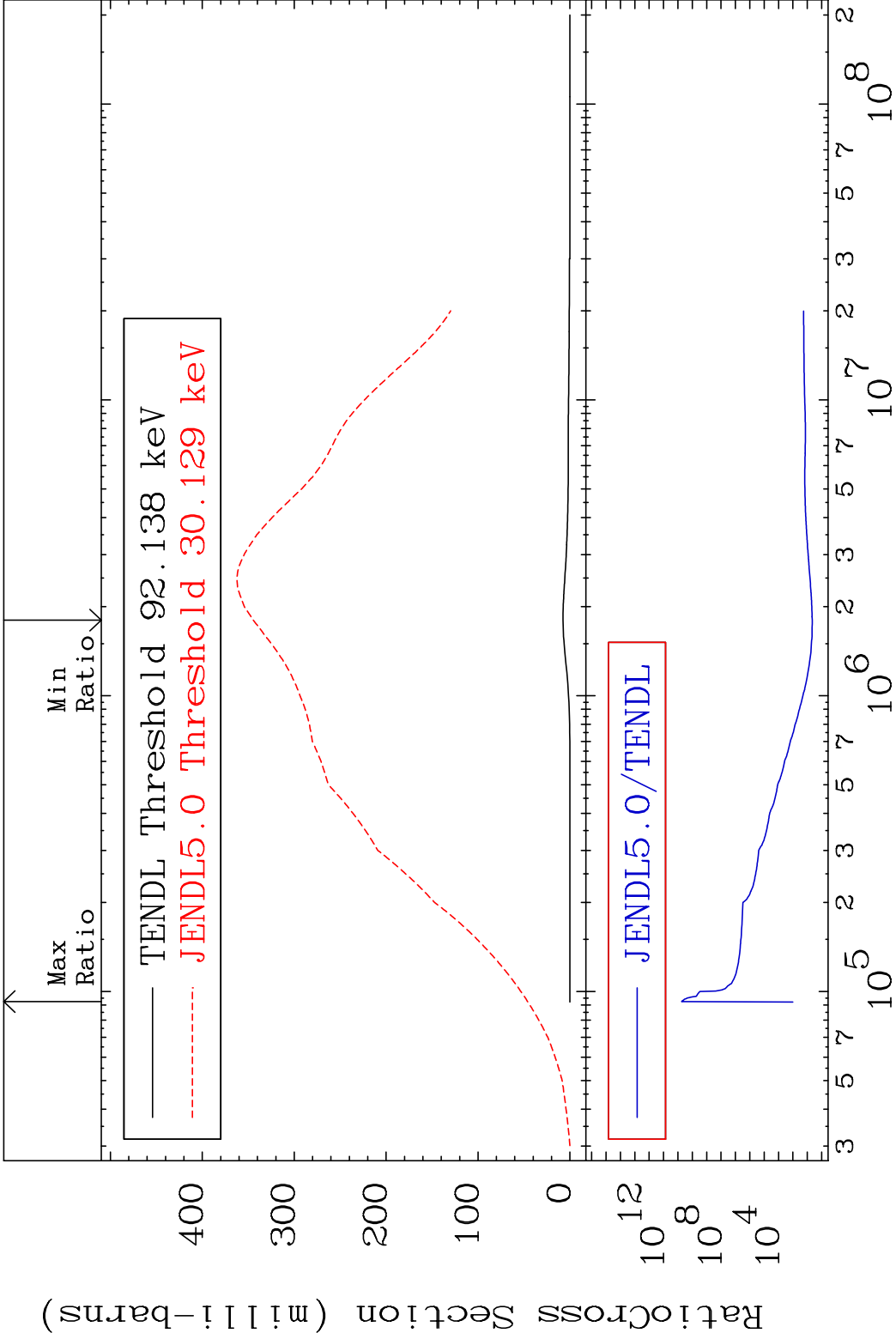
Cross Section -17.17 To 430.1 %



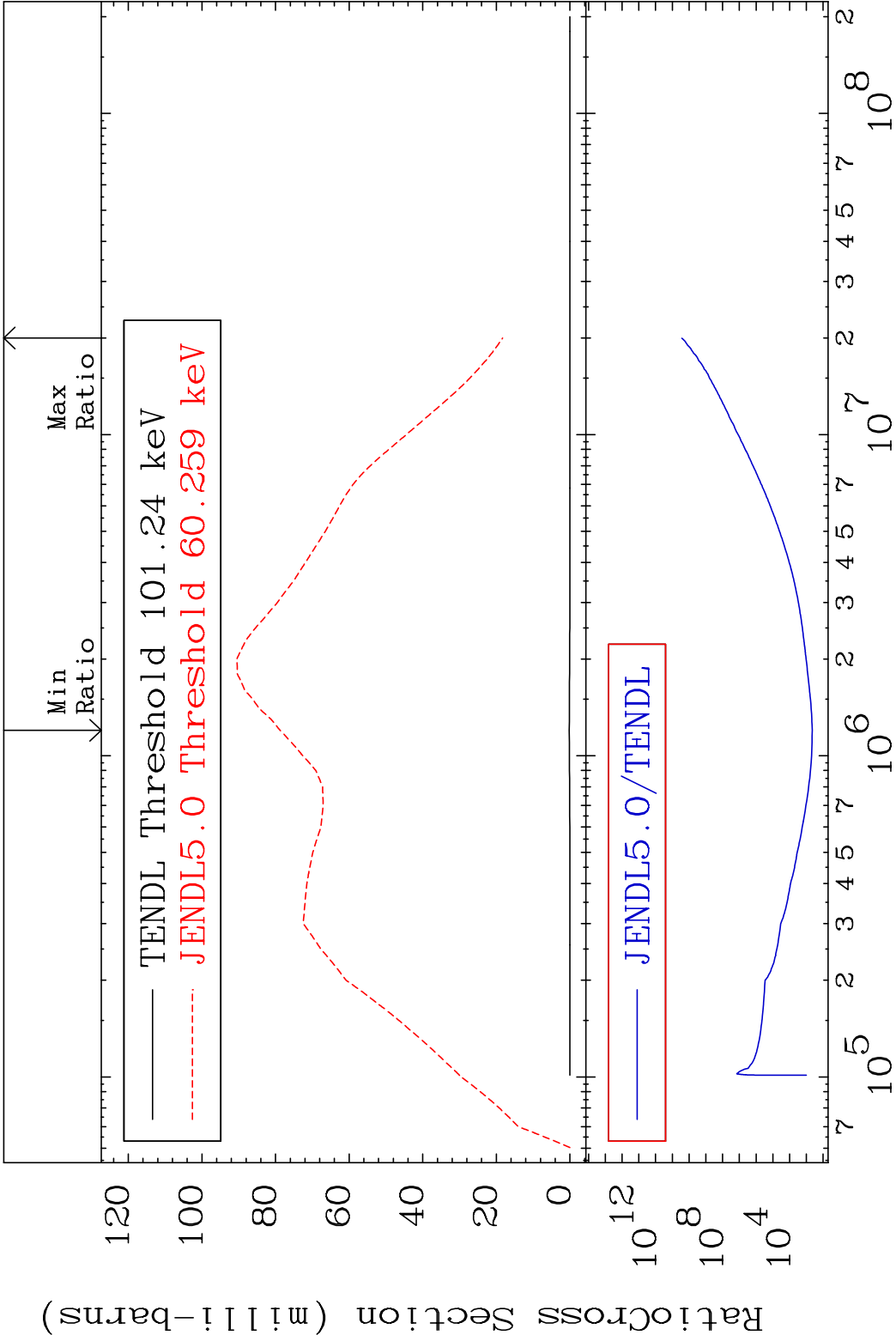
Incident Energy (eV)

93-Np-234

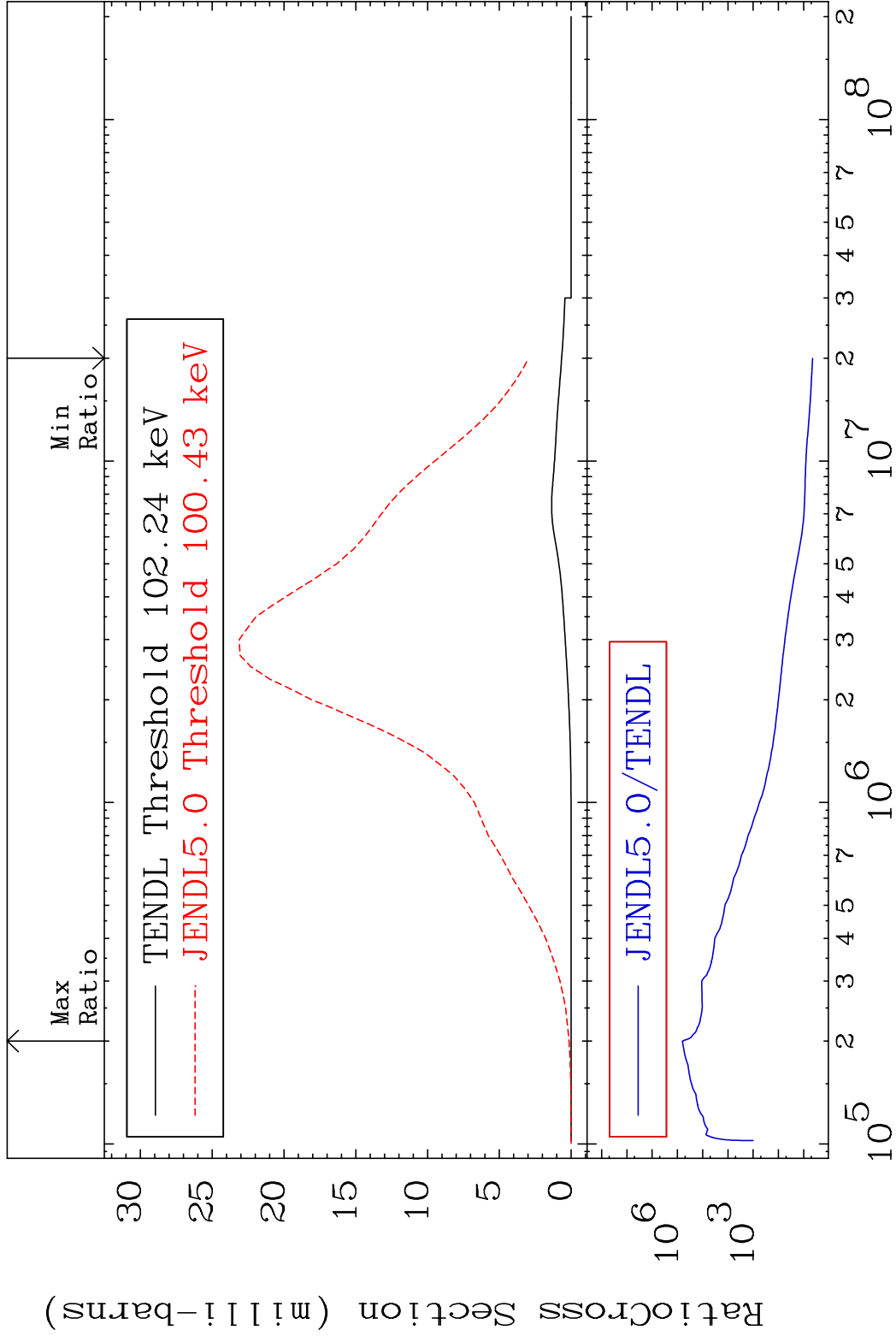
MAT 9337 MT= 51 (n,n') Level 93-Np-234
Cross Section 4416. To 9999. %



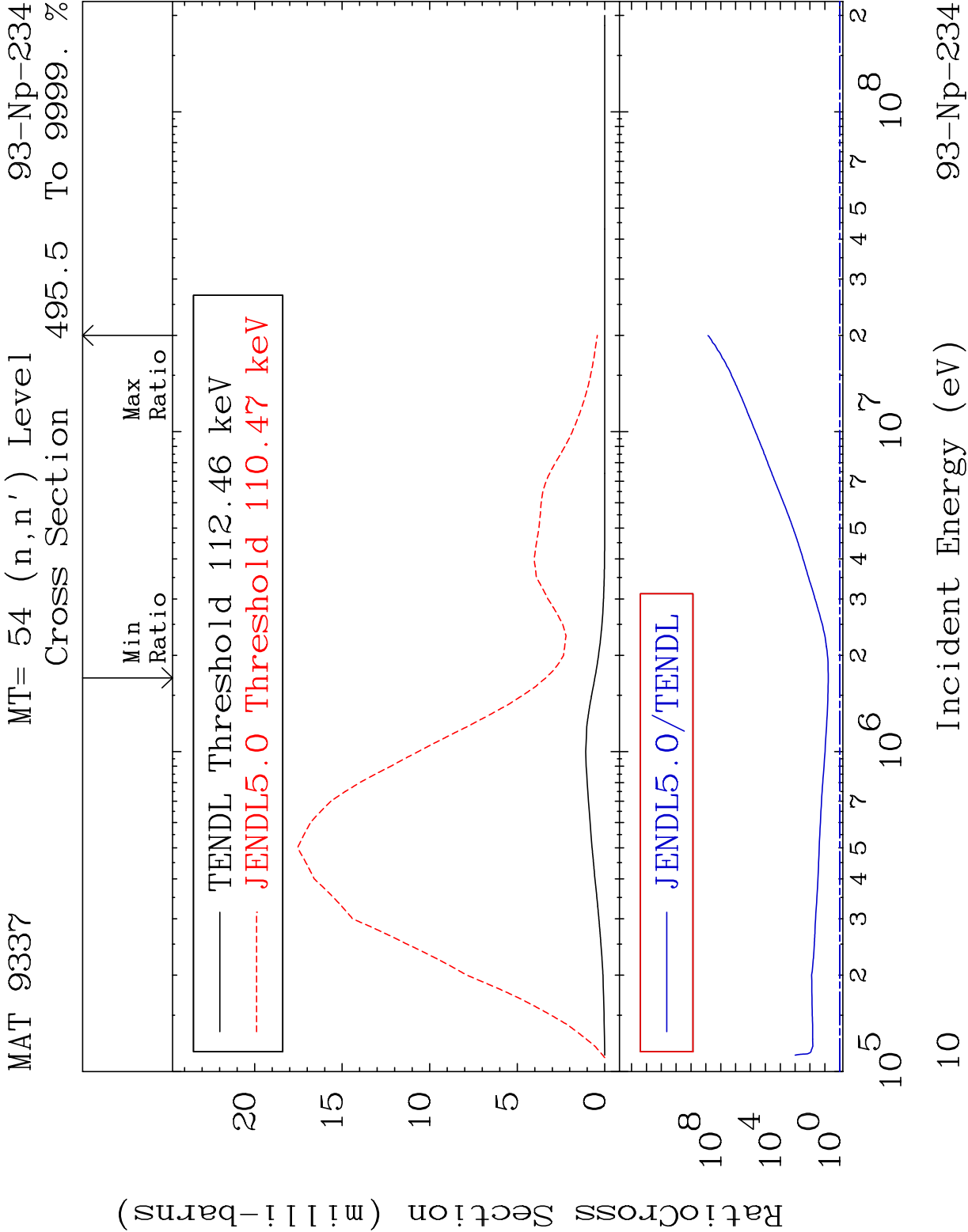
7 Incident Energy (eV) 93-Np-234

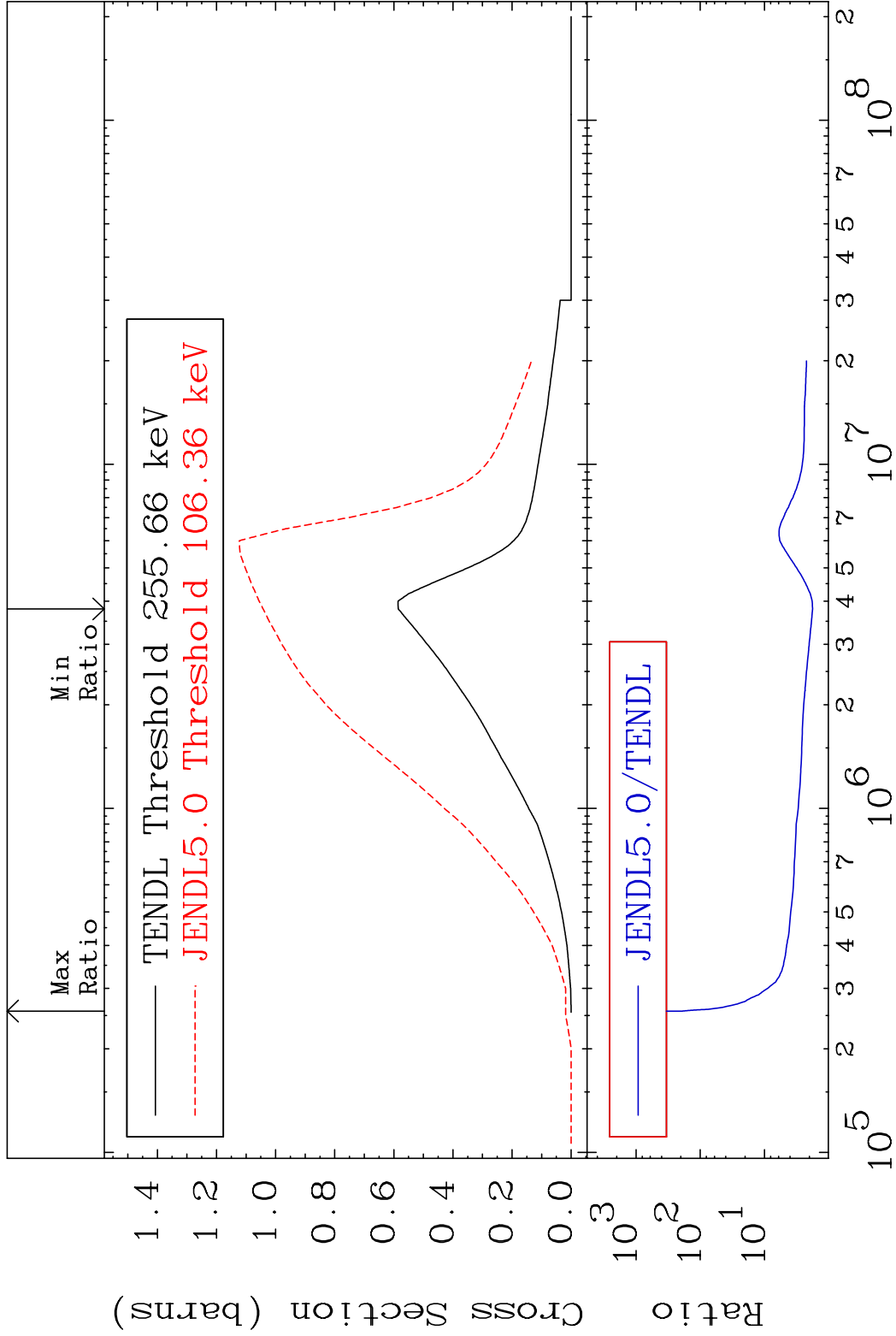


MAT 9337 MT= 53 (n,n') Level 93-Np-234
Cross Section 346.0 To 9999. %



9 Incident Energy (eV) 93-Np-234



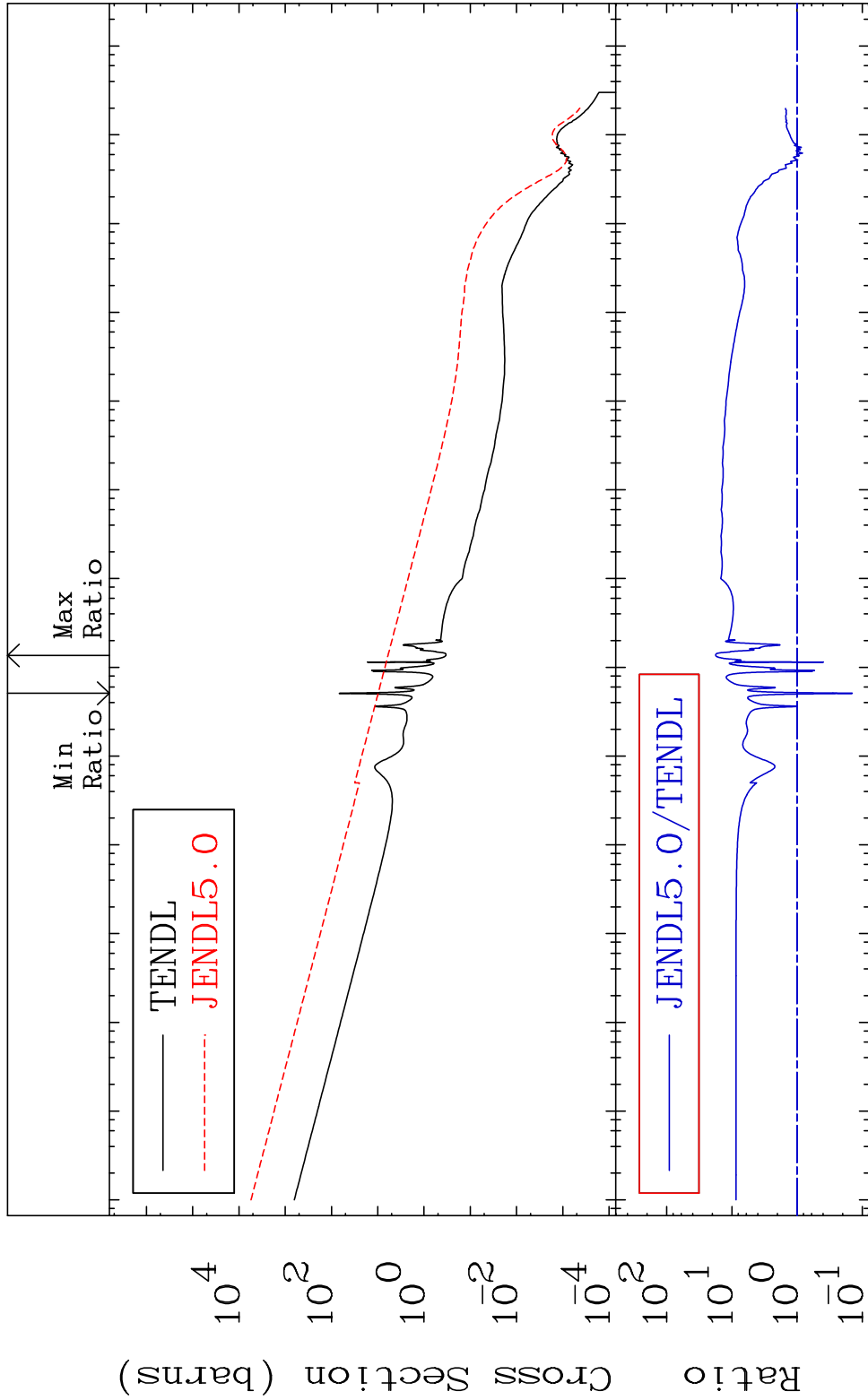


MAT 9337

(n, γ)

93-Np-234

Cross Section -85.73 To 1676. %

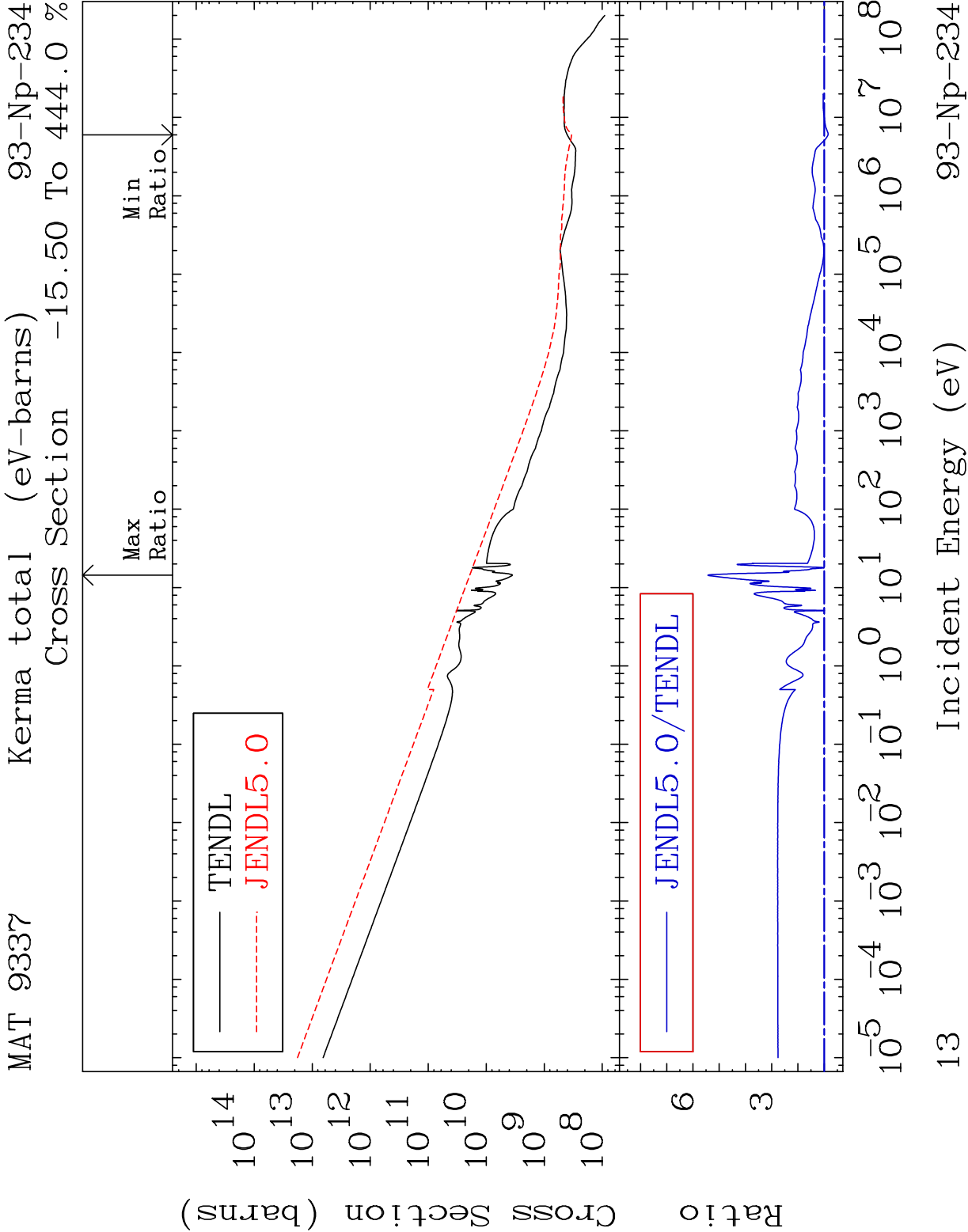


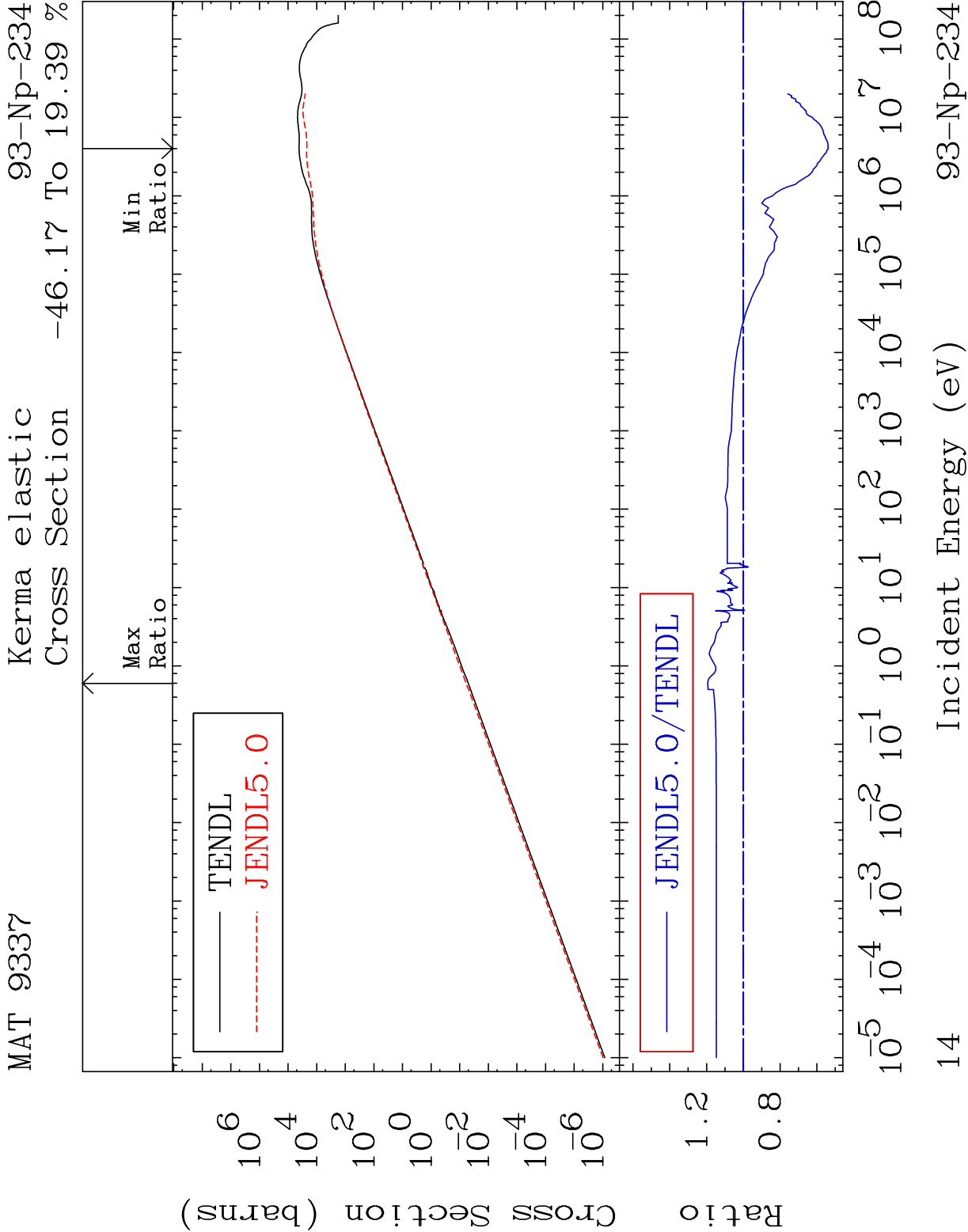
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

12

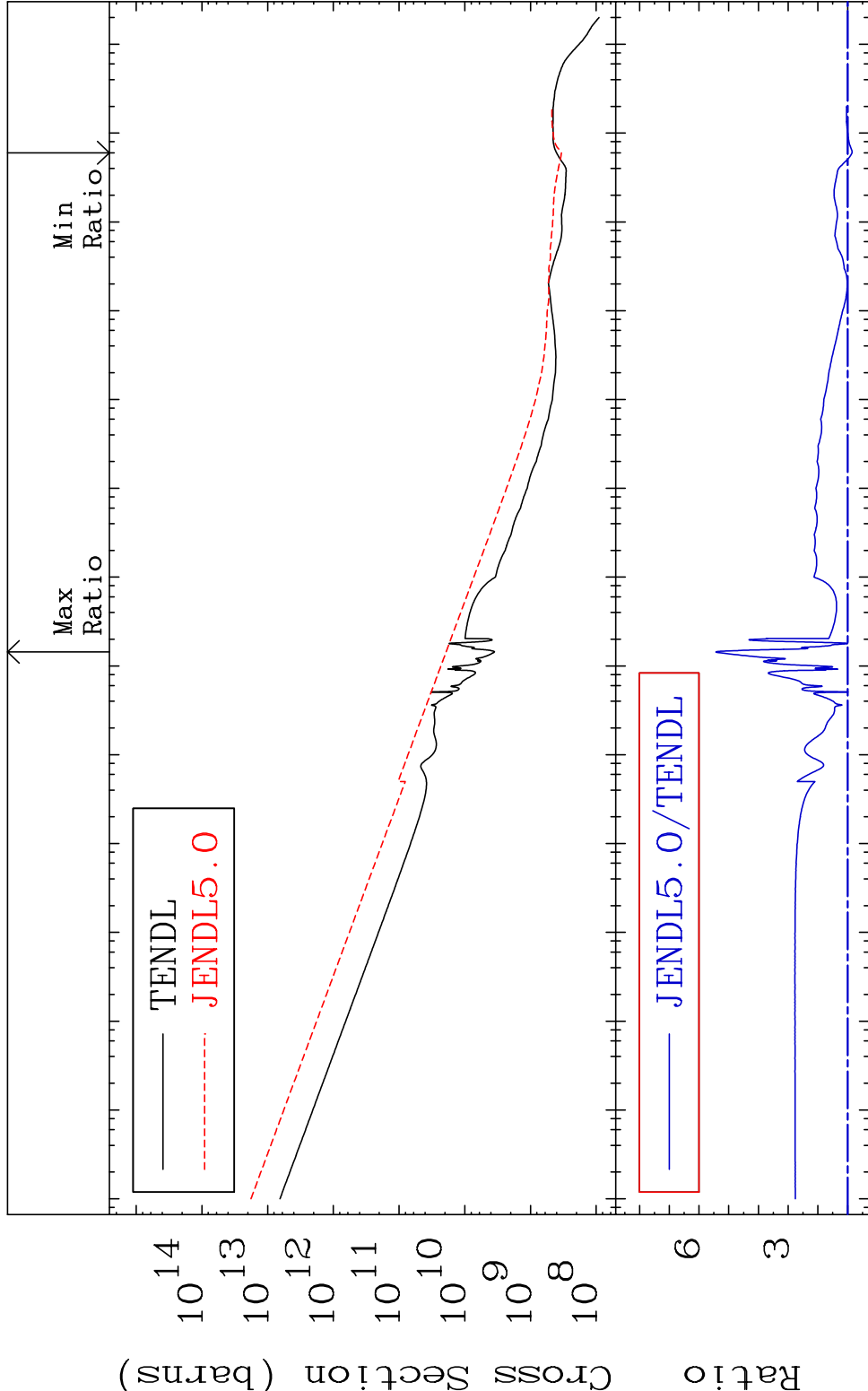
Incident Energy (eV)

93-Np-234

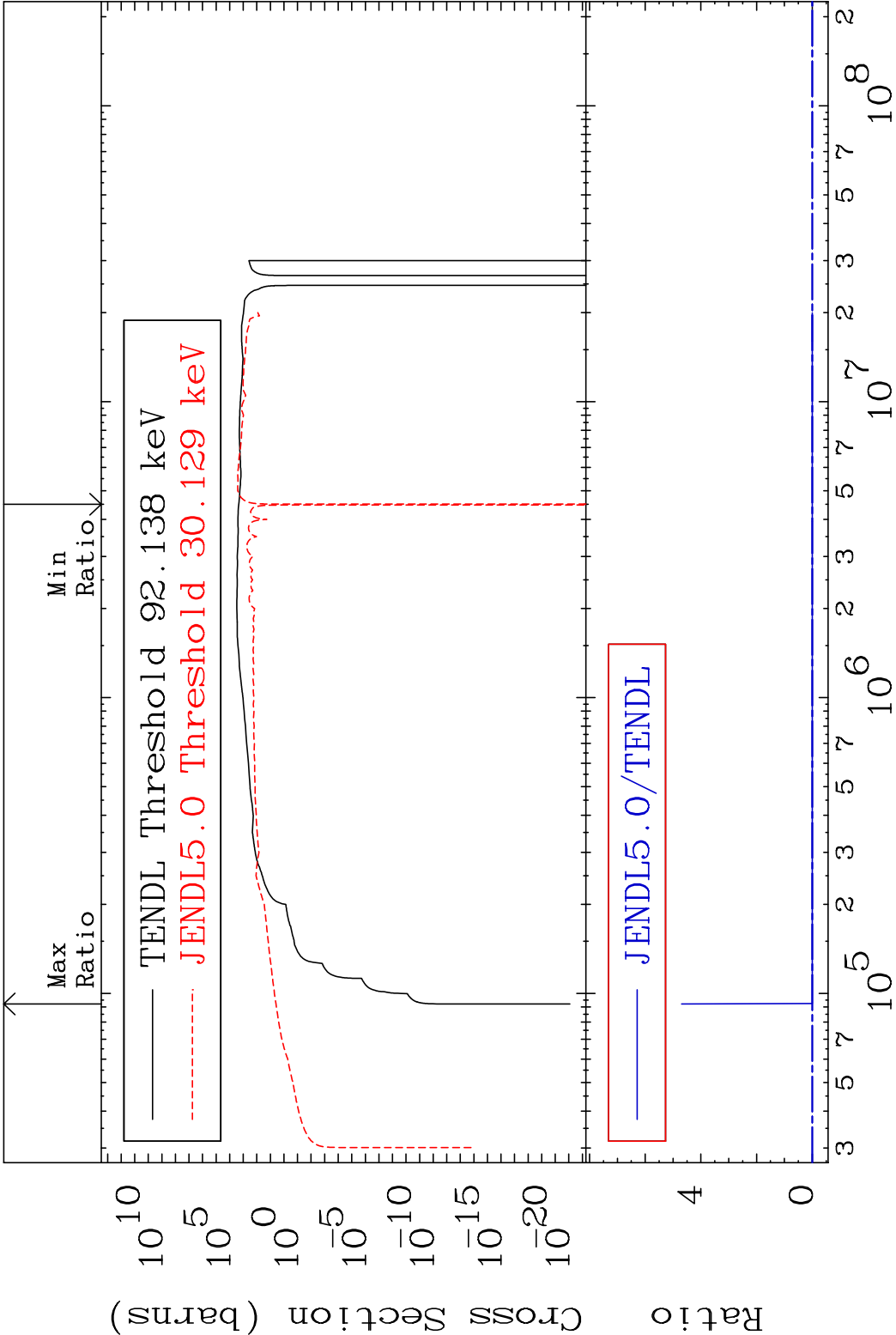




MAT 9337 Kerma non-elastic (all but mt2) 93-Np-234
Cross Section -15.50 To 444.0 %

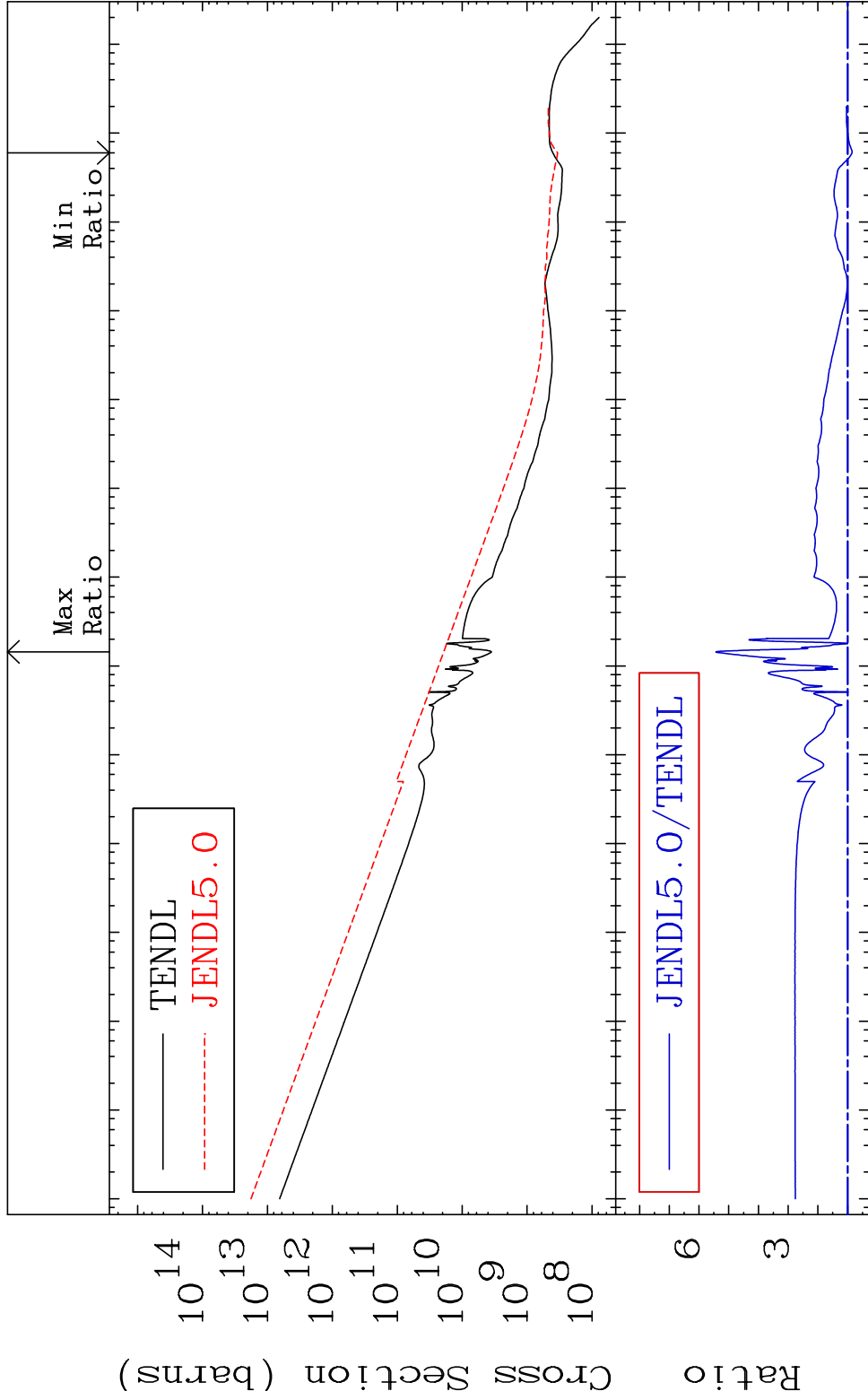


15 Incident Energy (eV) 93-Np-234

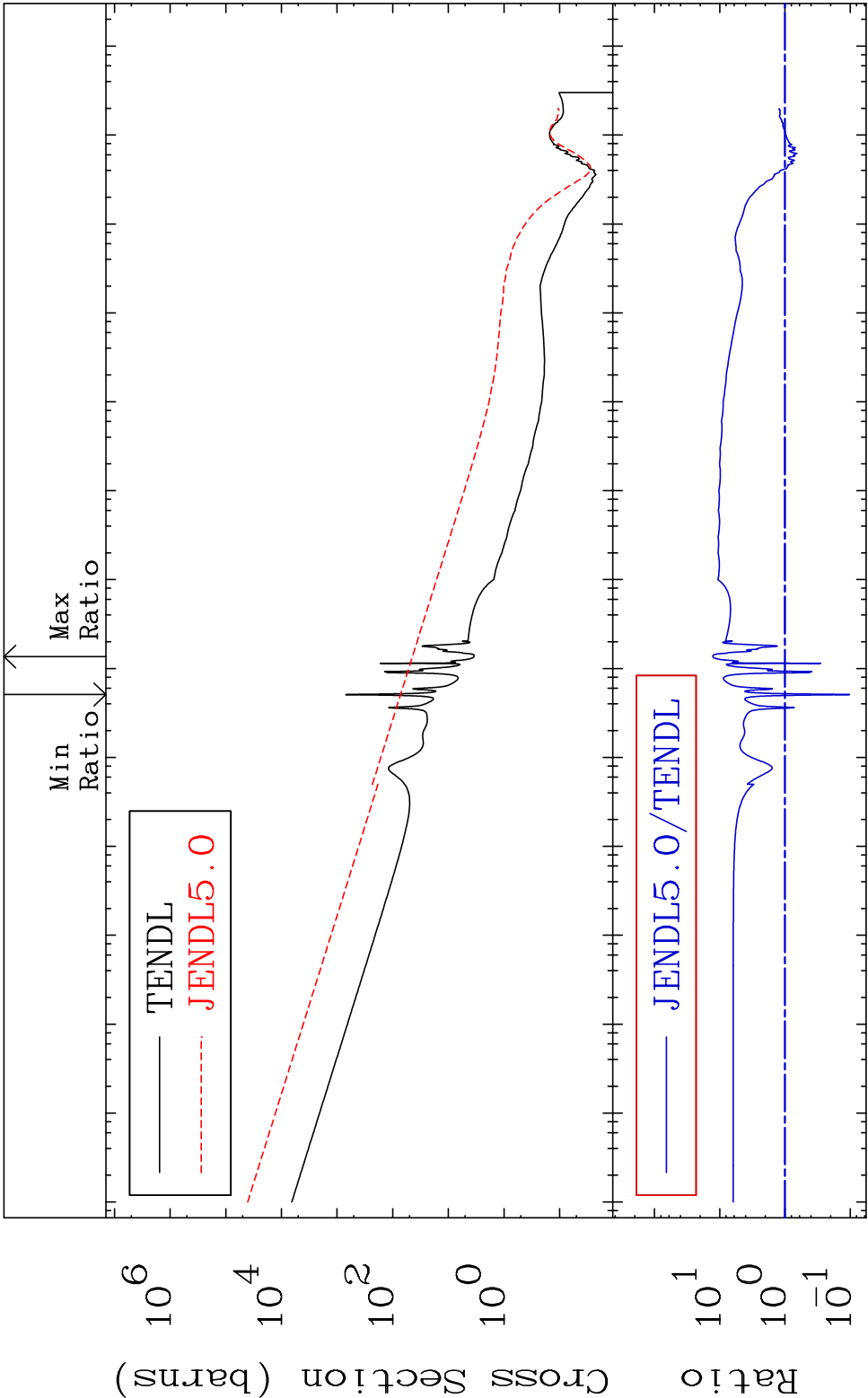


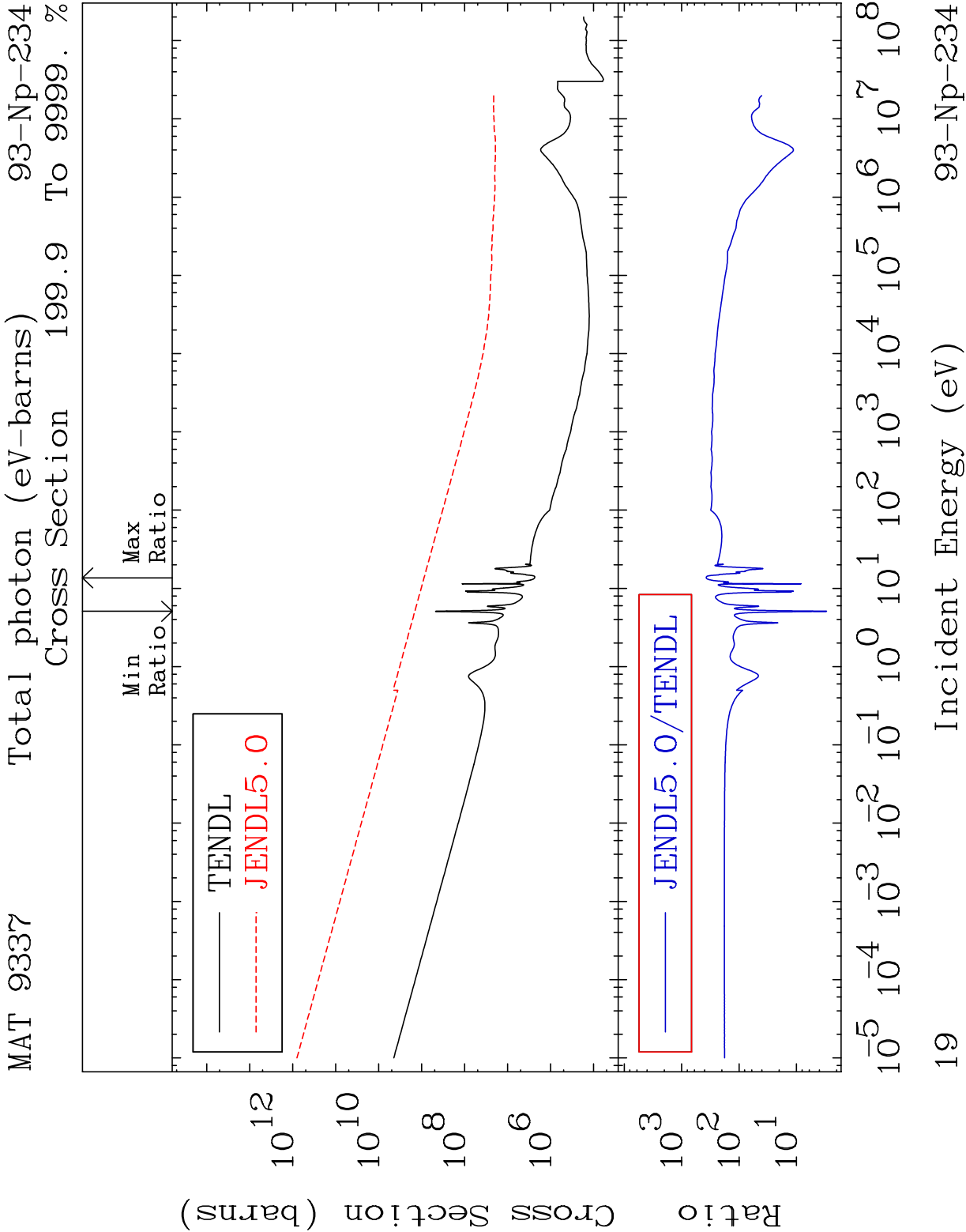
MAT 9337 Kerma fission (mt18 or mt19-20-21-38) 93-Np-234

Cross Section -15.50 To 444.0 %



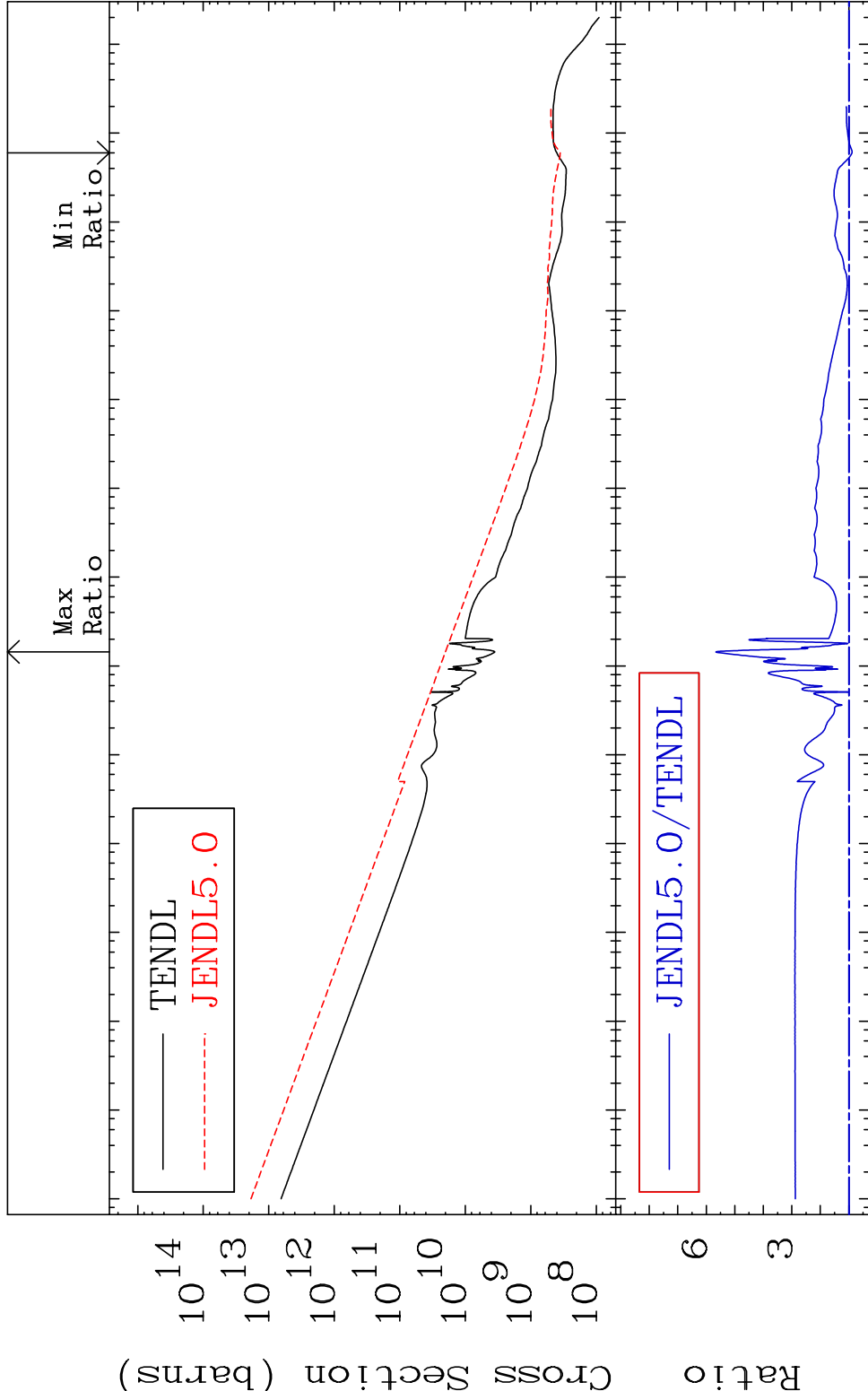
17 Incident Energy (eV) 93-Np-234



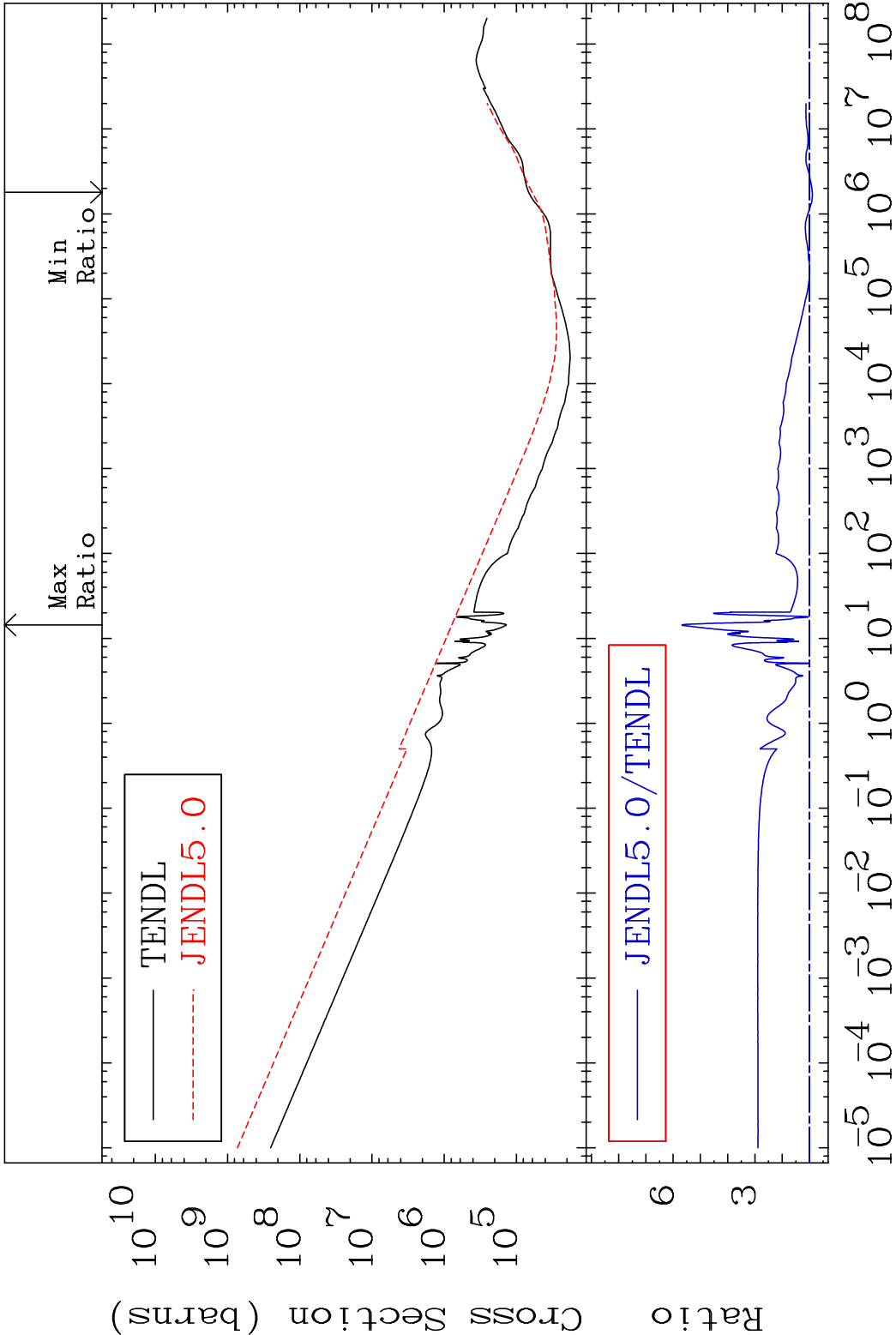


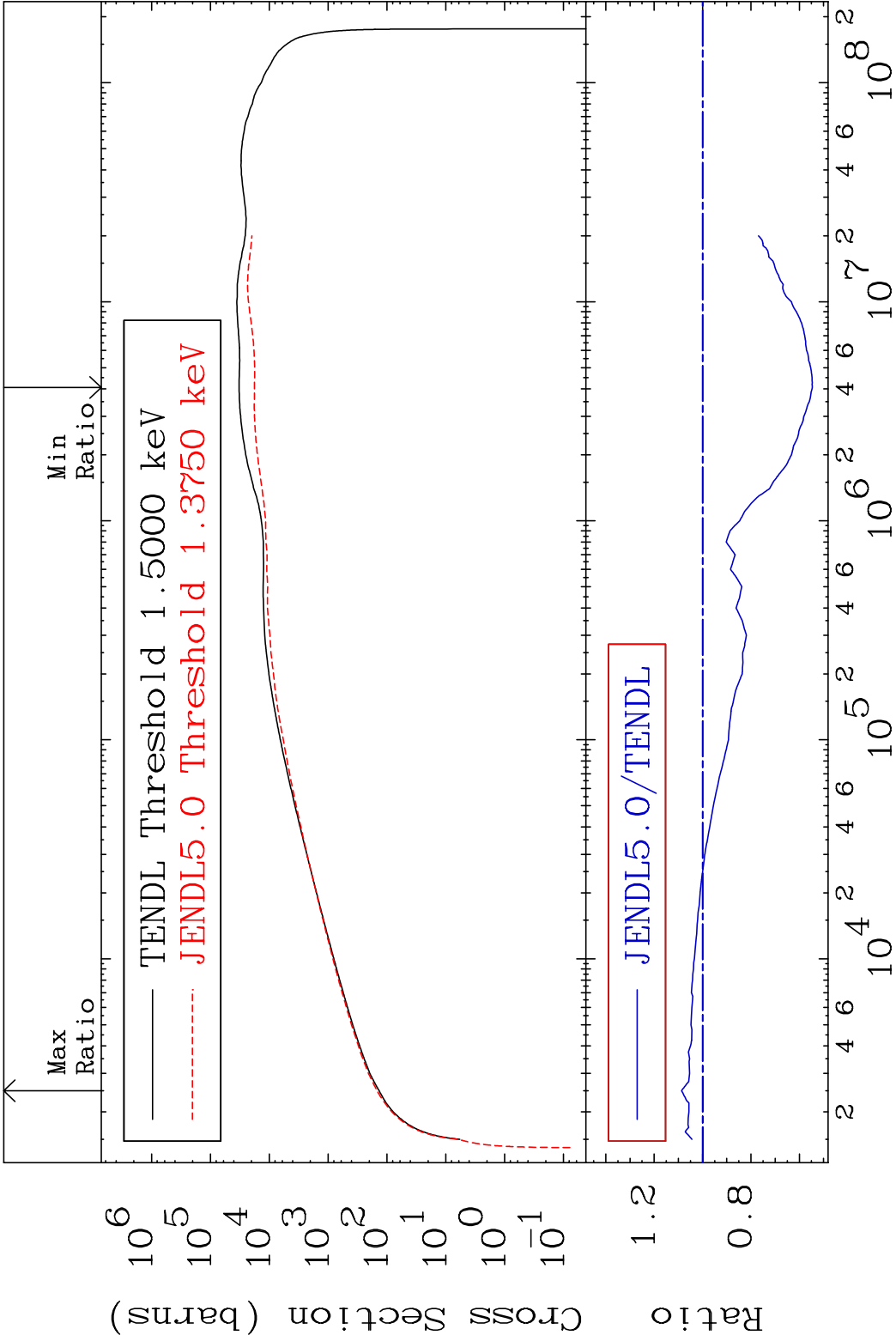
MAT 9337 Total kinematic kerma (high limit) 93-Np-234

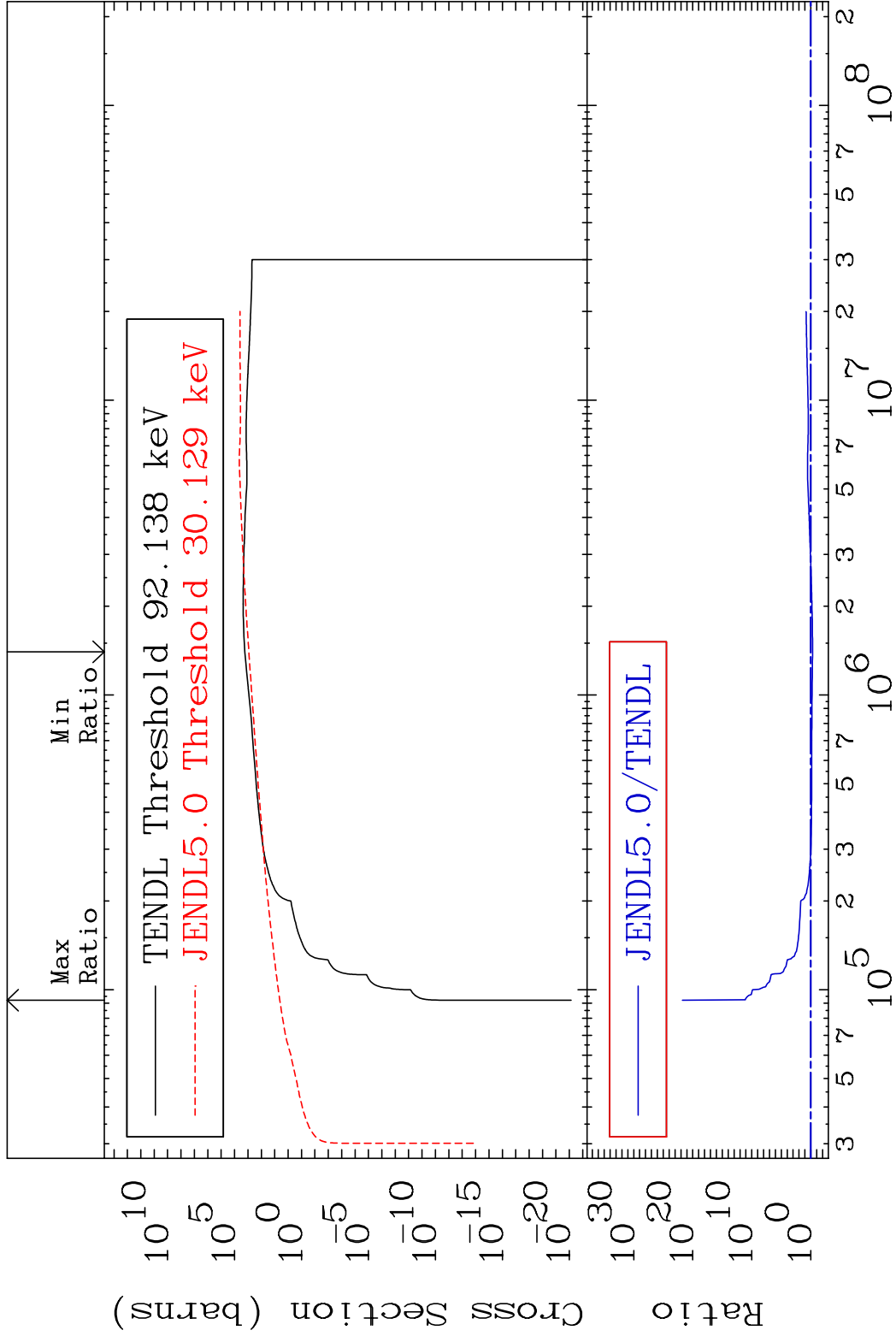
Cross Section -11.89 To 467.0 %



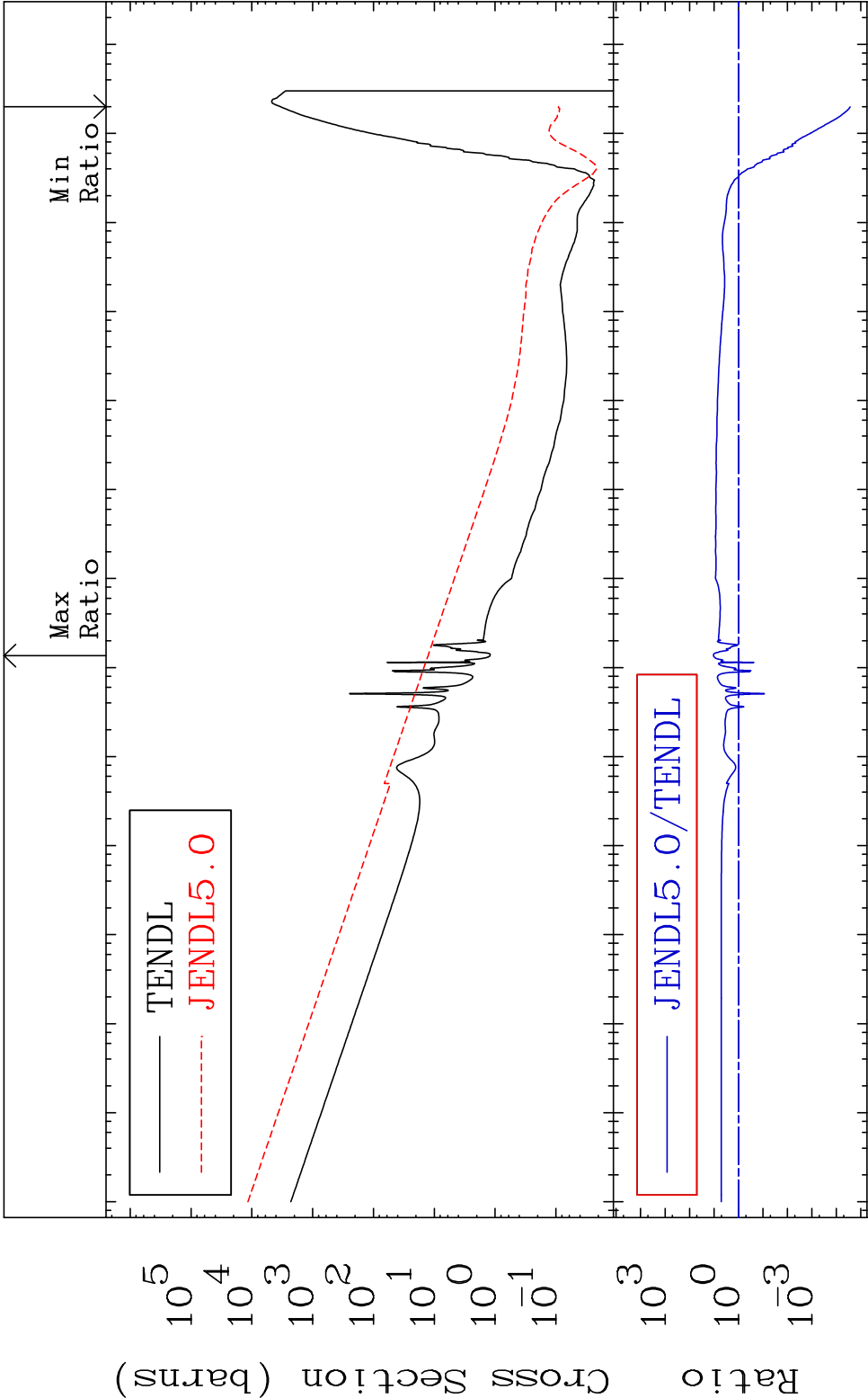
Incident Energy (eV) 93-Np-234



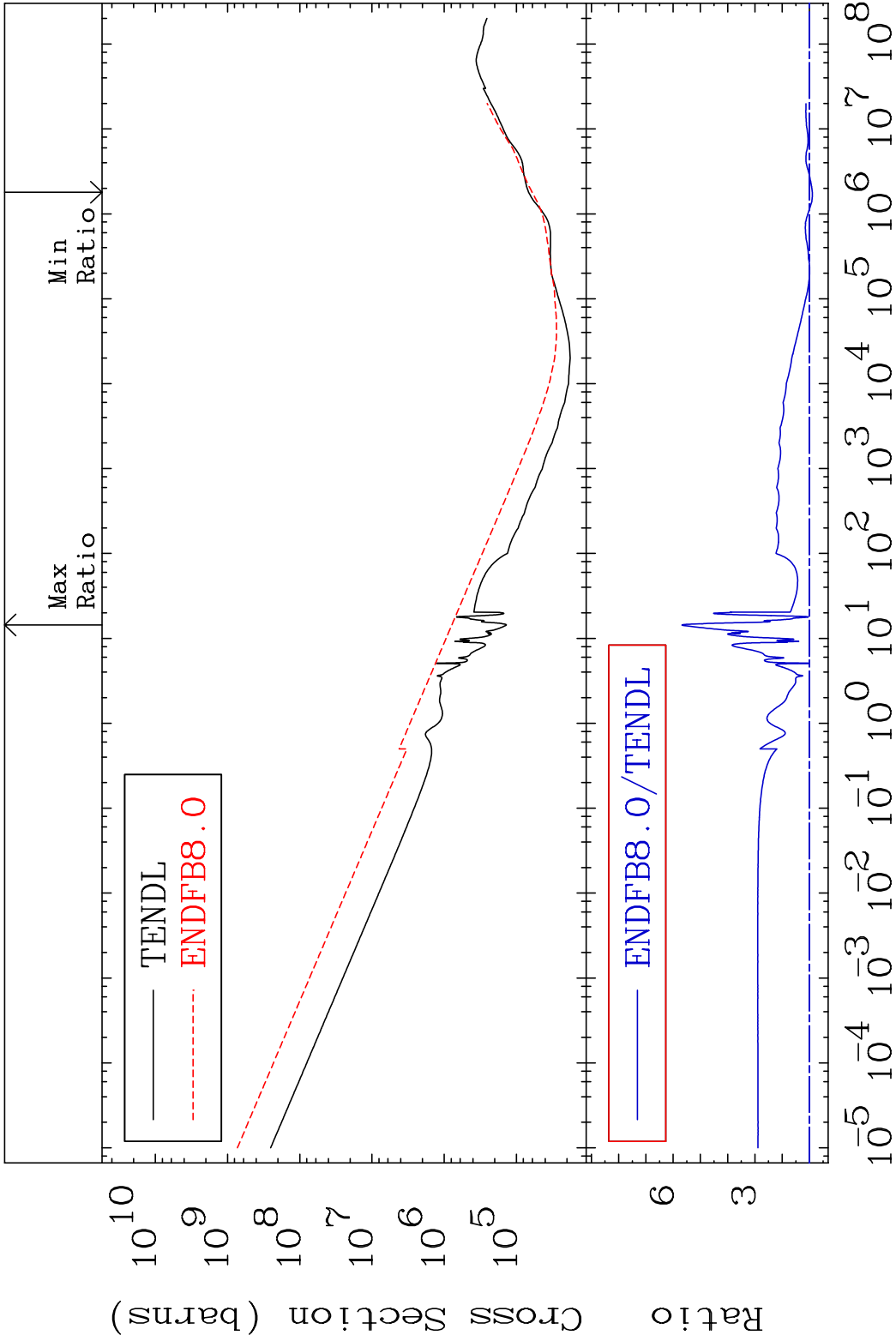




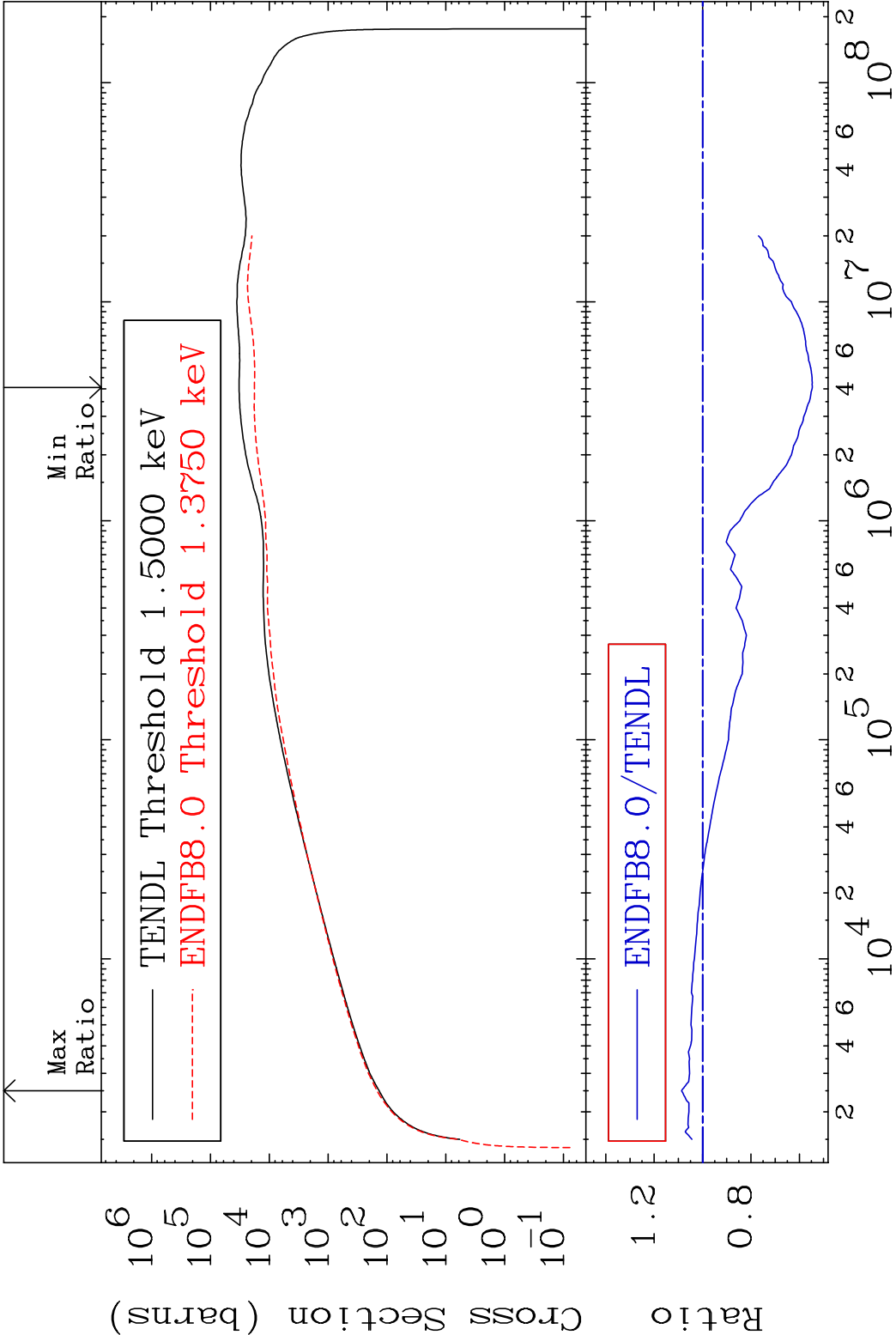
MAT 9337 Dpa disappearance (mt102 -120) 93-Np-234
 Cross Section -100.0 To 944.4 %

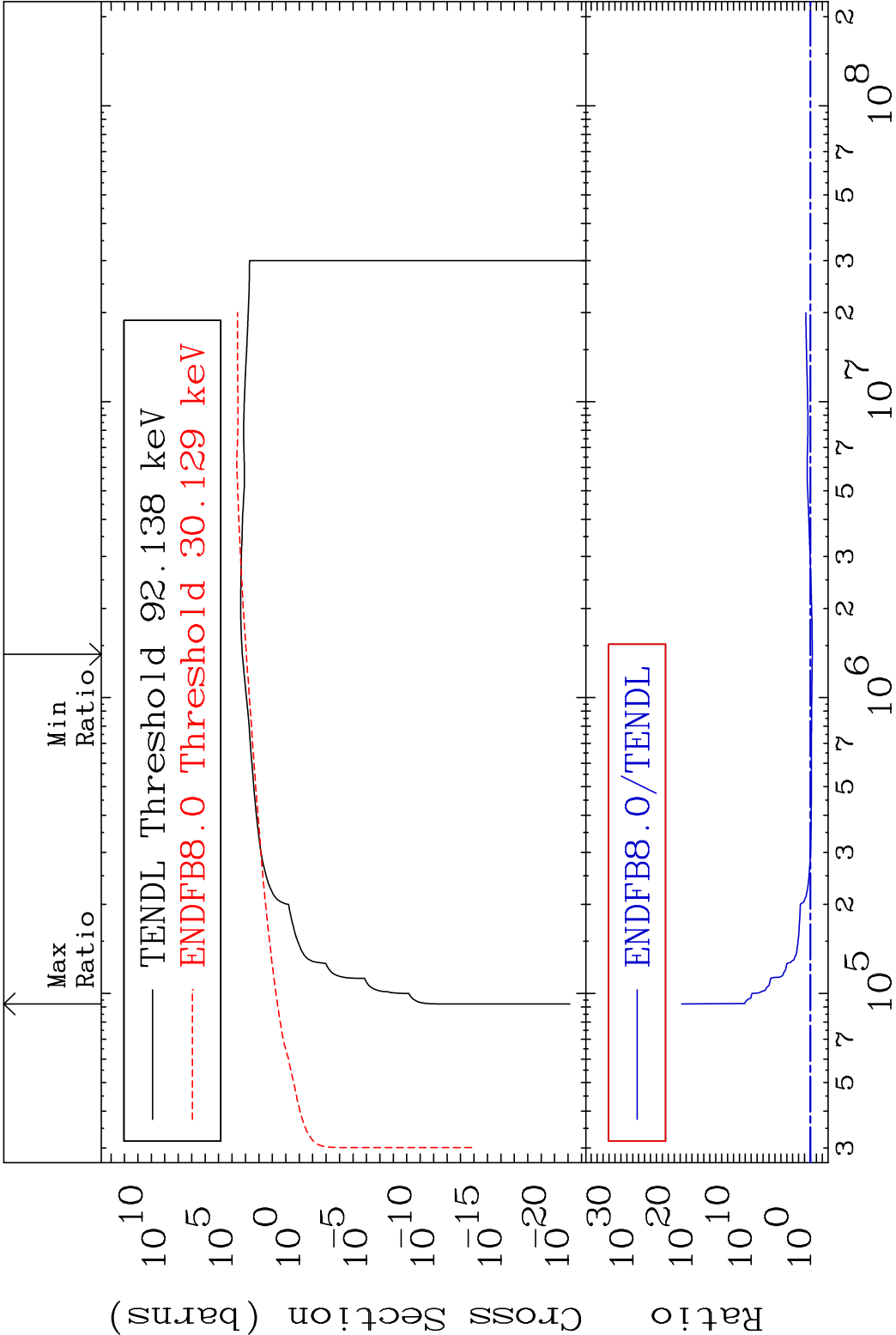


MAT 9337 Dpa total (eV-barns) 93-Np-234
Cross Section -10.58 To 468.5 %



25 Incident Energy (eV) 93-Np-234





MAT 9337 Dpa disappearance (mt102 -120) 93-Np-234
 Cross Section -100.0 To 944.4 %

