

Program Complot
(Version 2021-1)

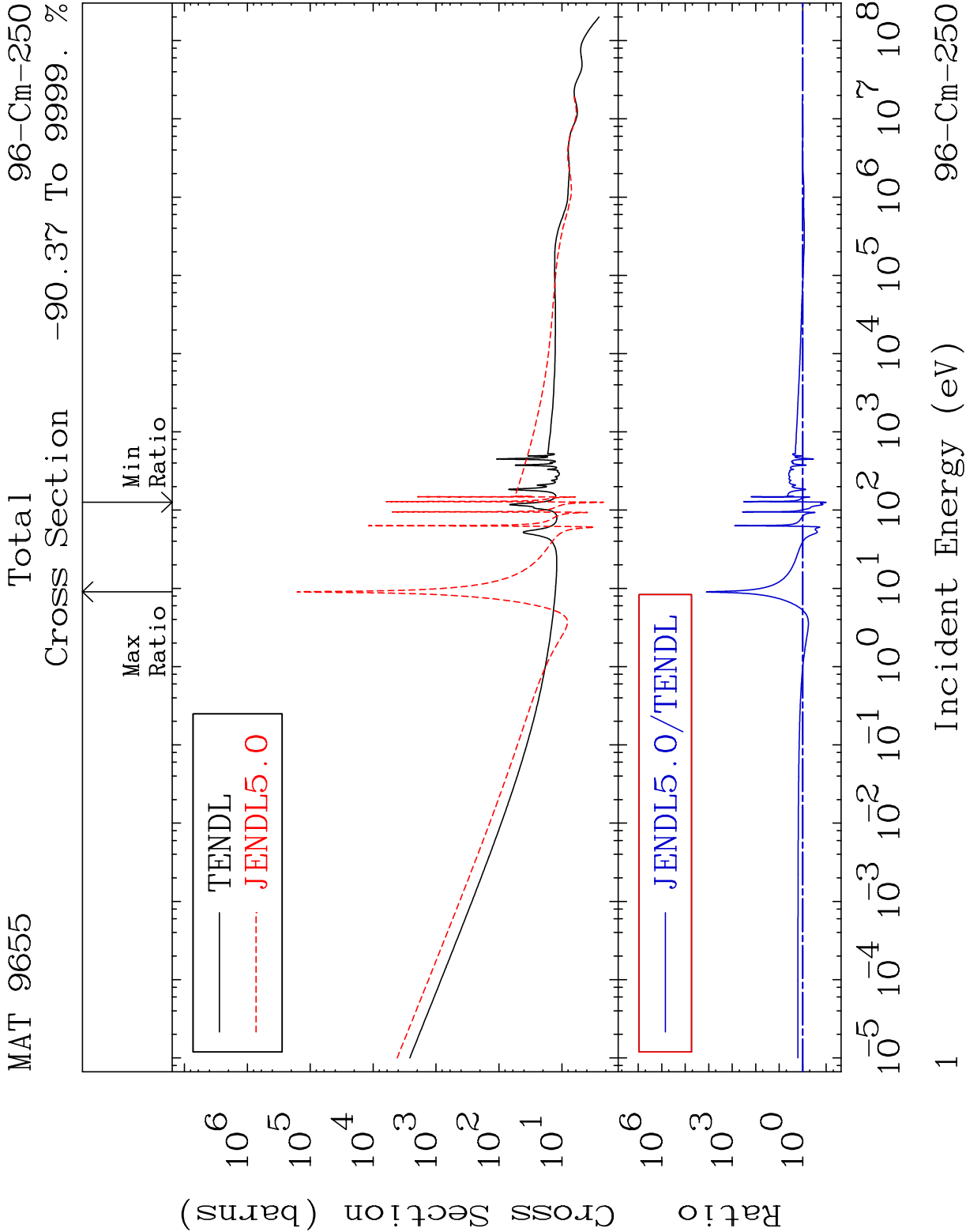
by

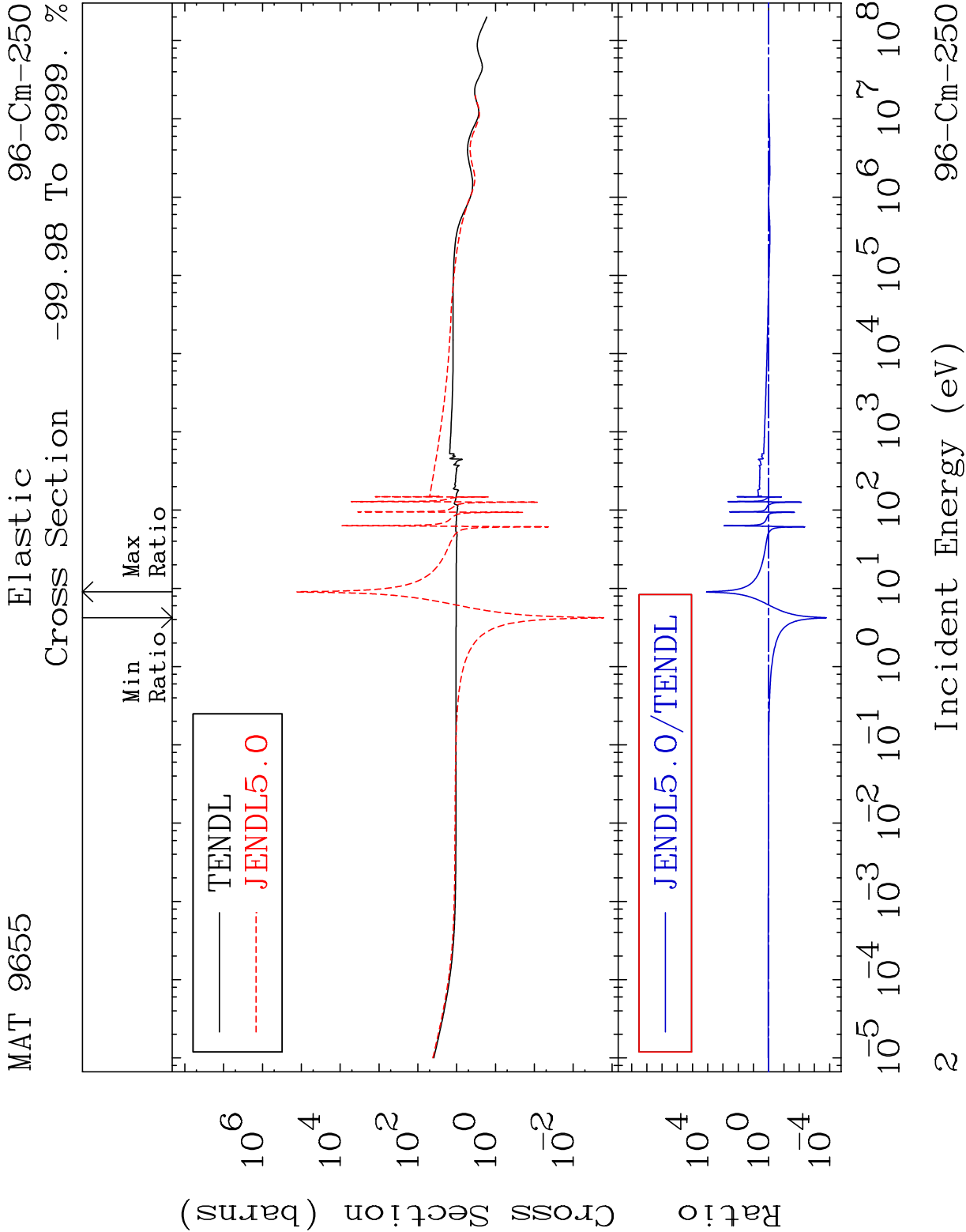
Dermott E. Cullen
(Present Contact Information)

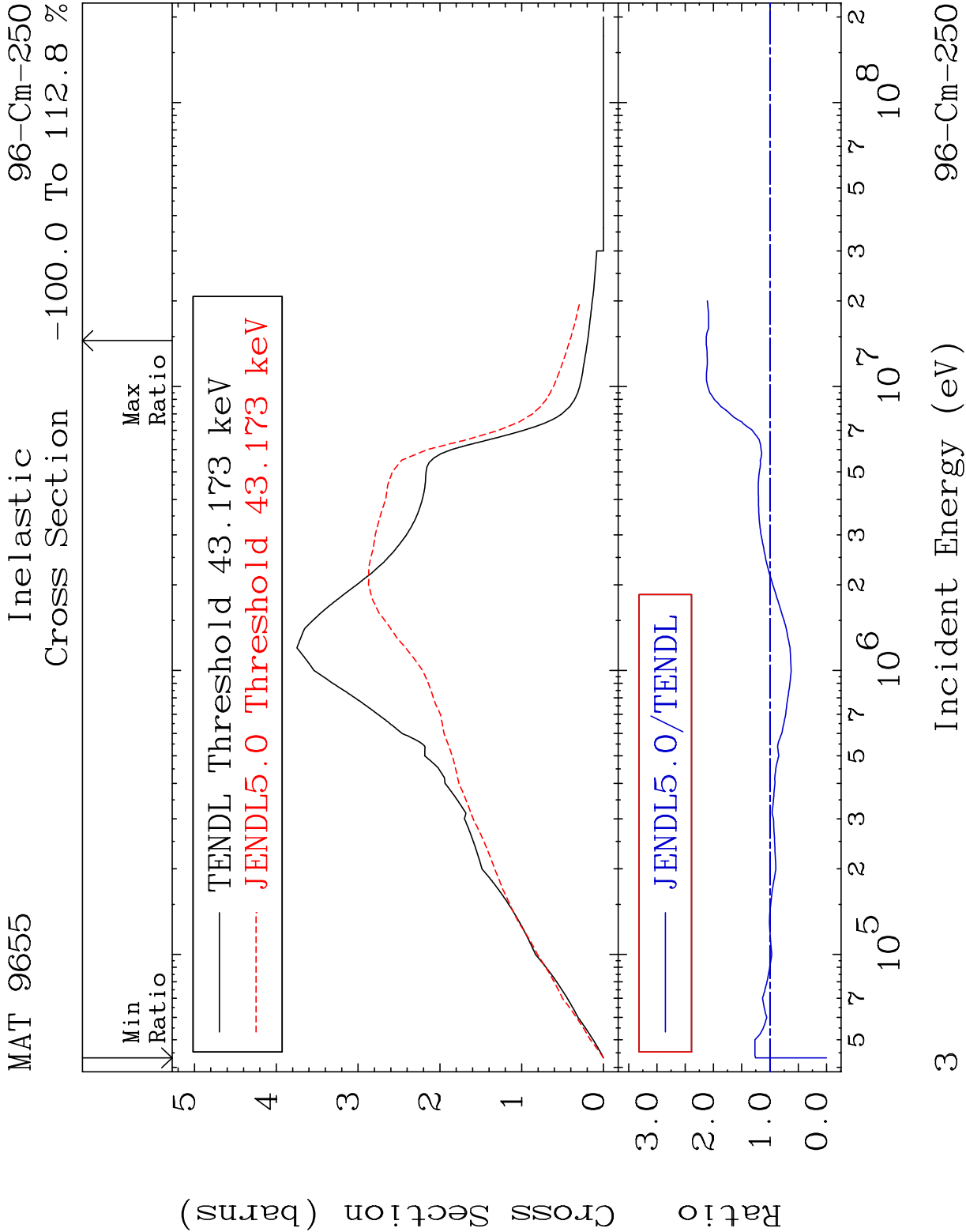
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

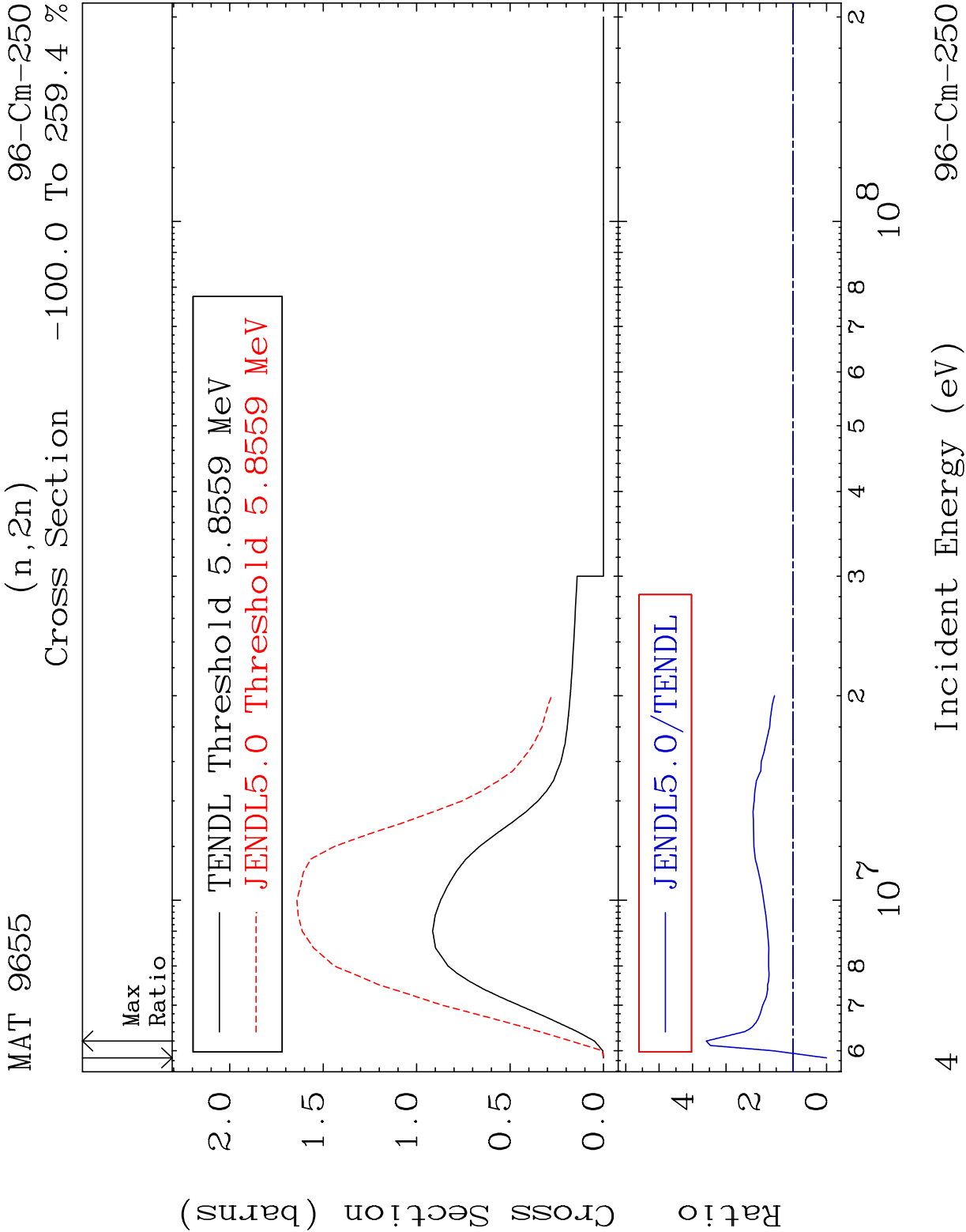
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start







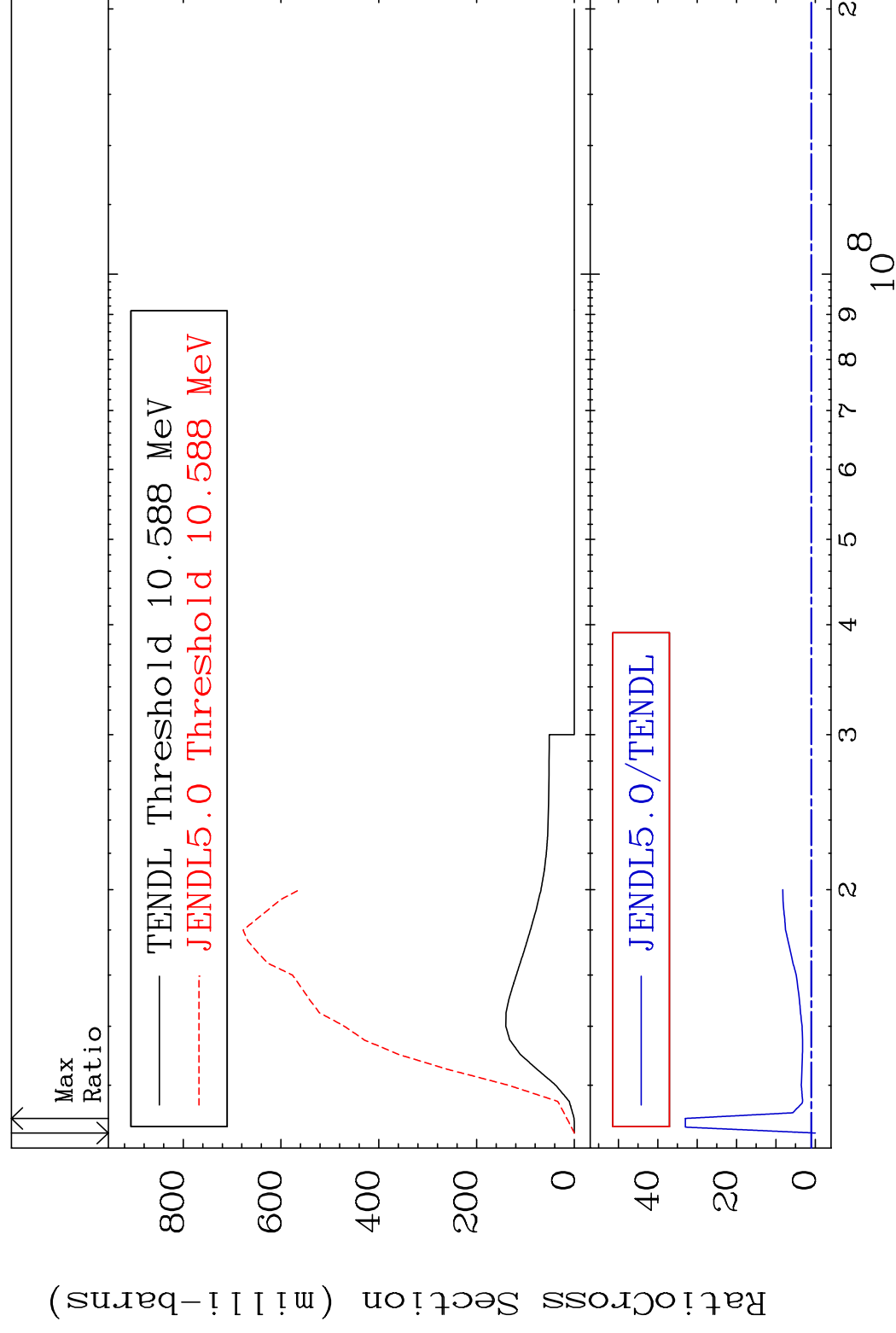


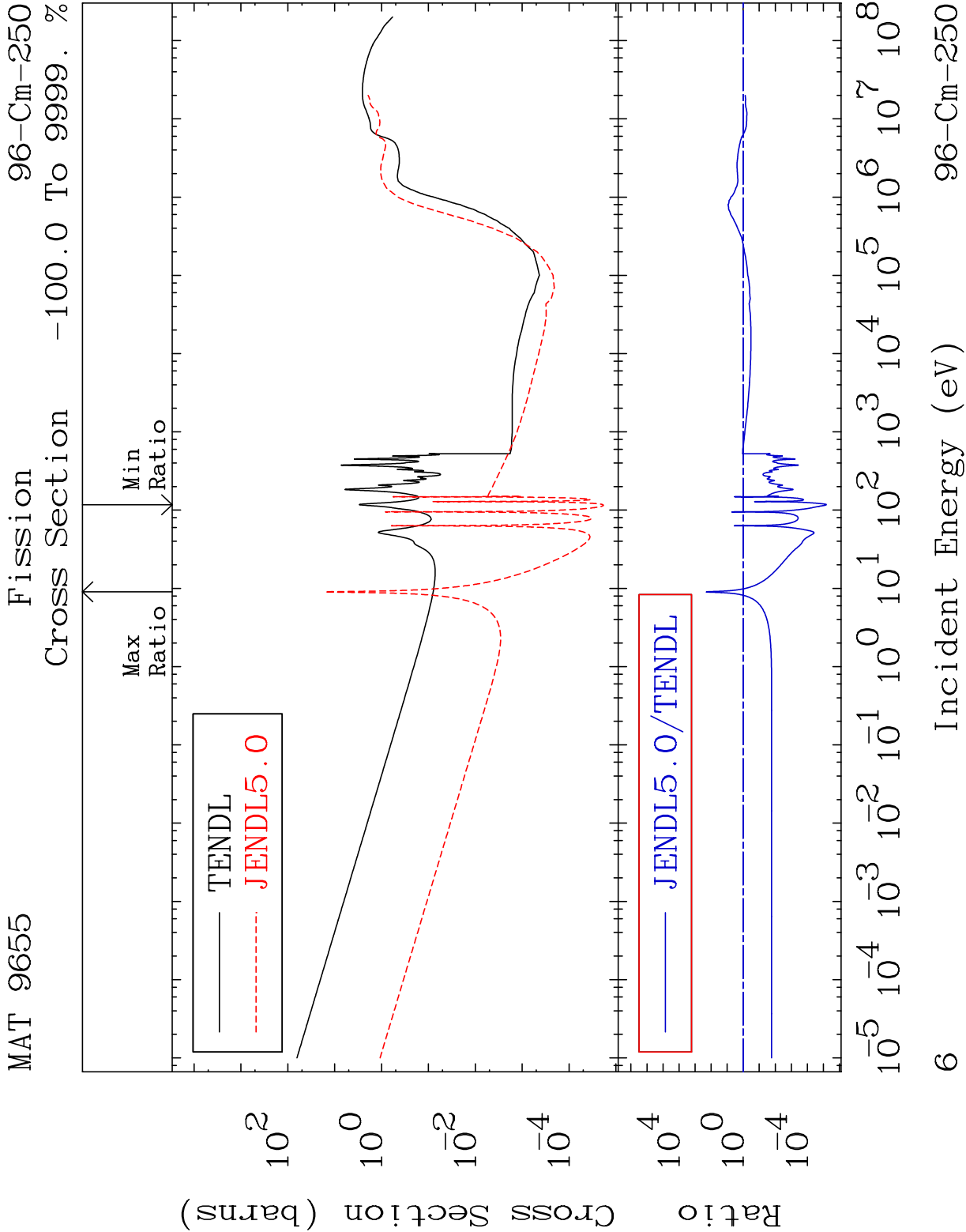
MAT 9655

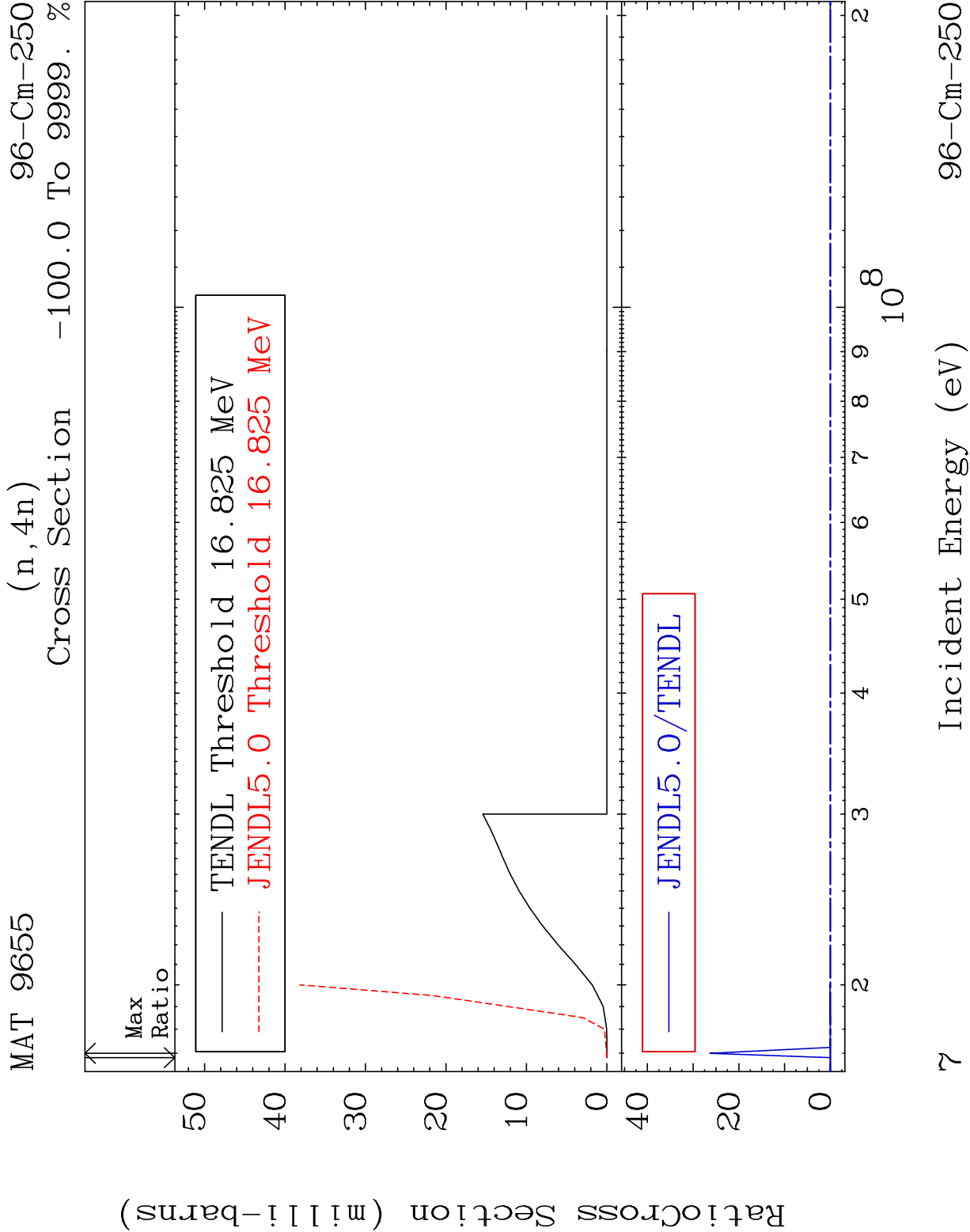
$$(n, 3n)$$

96-Cm-250

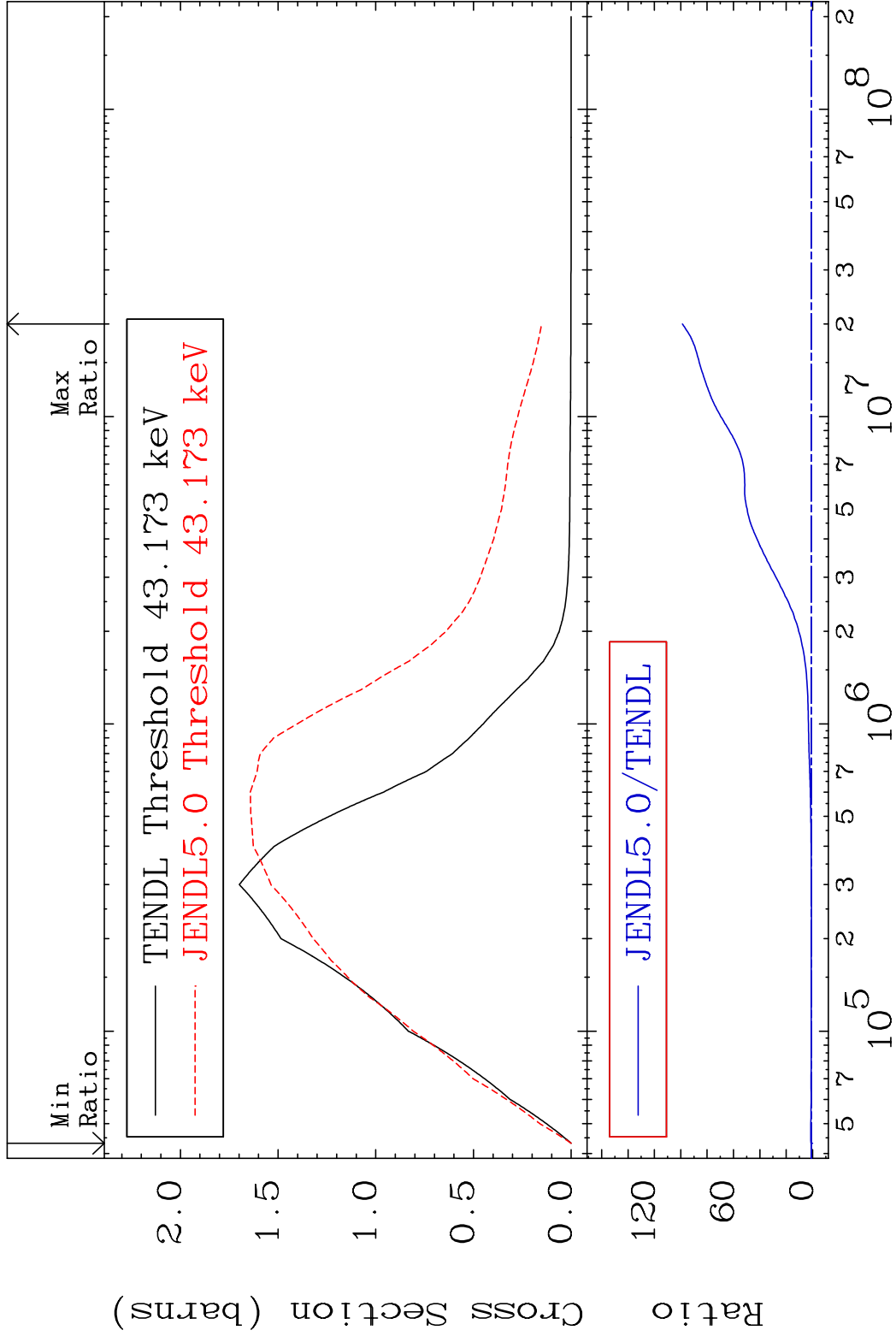
Cross Section -100.0 To 3200. %







MAT 9655 MT= 51 (n,n') Level 96-Cm-250
Cross Section -100.0 To 9777. %



MAT 9655

MT= 52 (n,n')

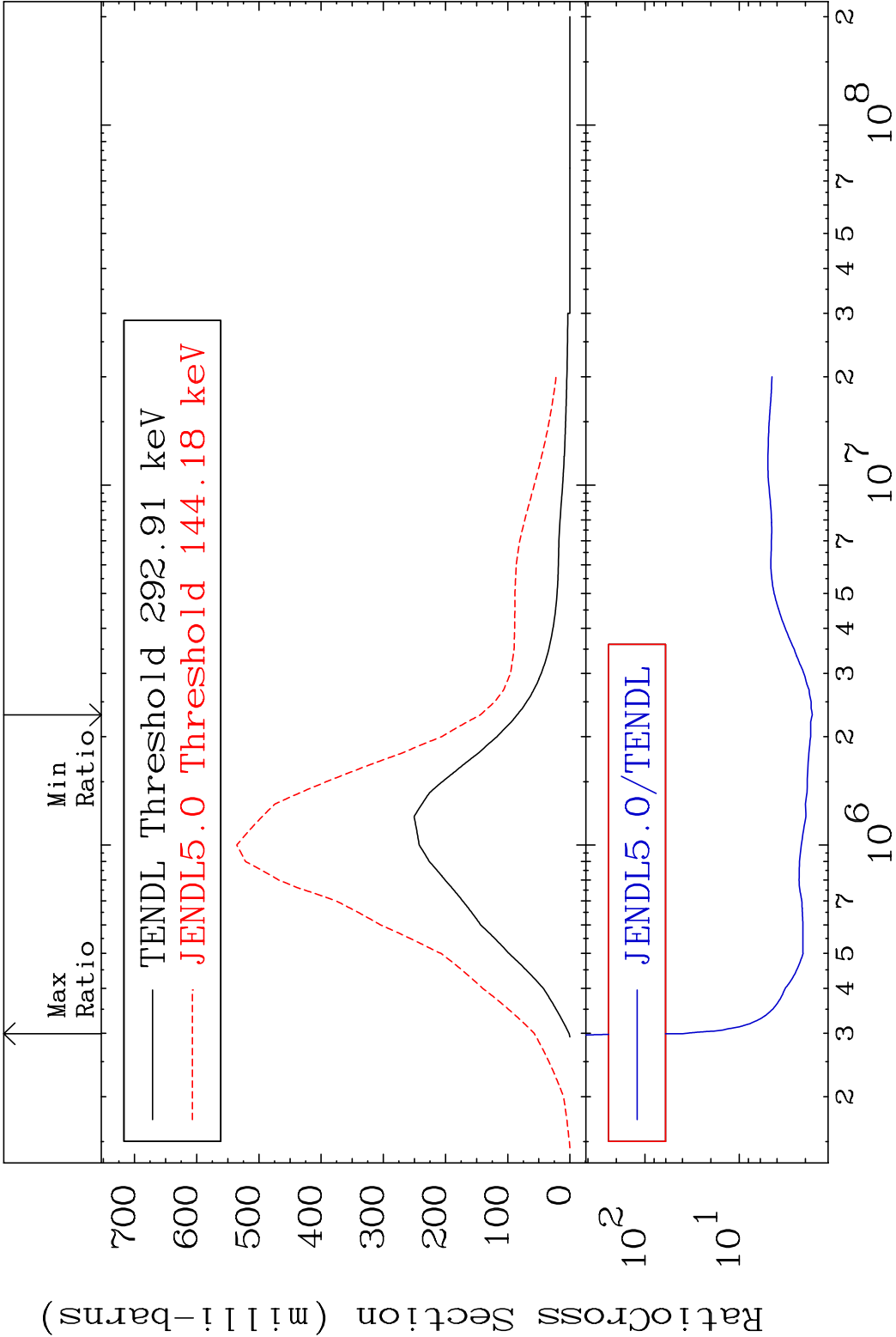
Level

96-Cm-250

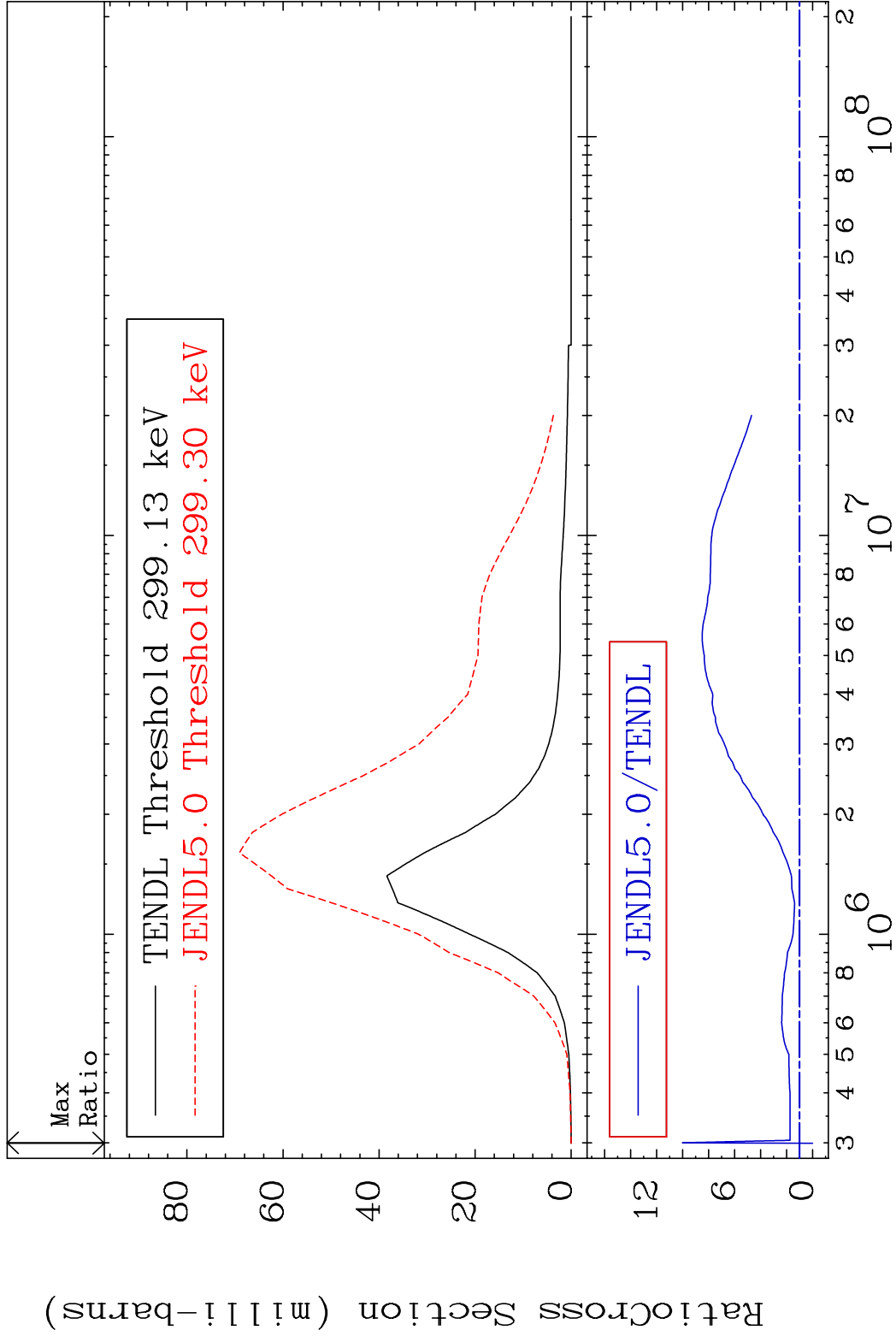
Cross Section

69.18

To 3988. %



MAT 9655 MT= 53 (n,n') Level 96-Cm-250
Cross Section -100.0 To 902.3 %



10 Incident Energy (eV) 96-Cm-250

MAT 9655

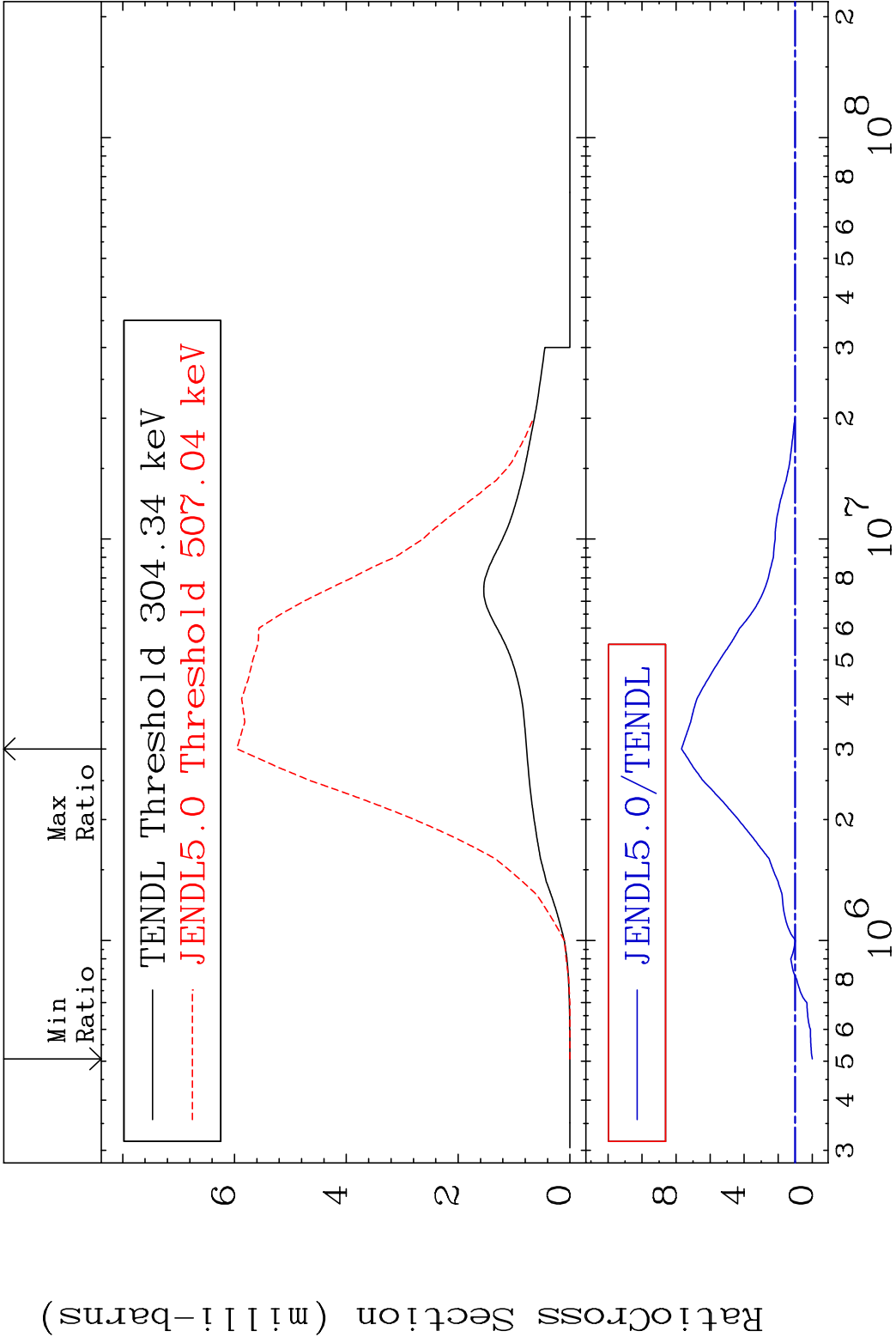
MT= 54 (n,n')

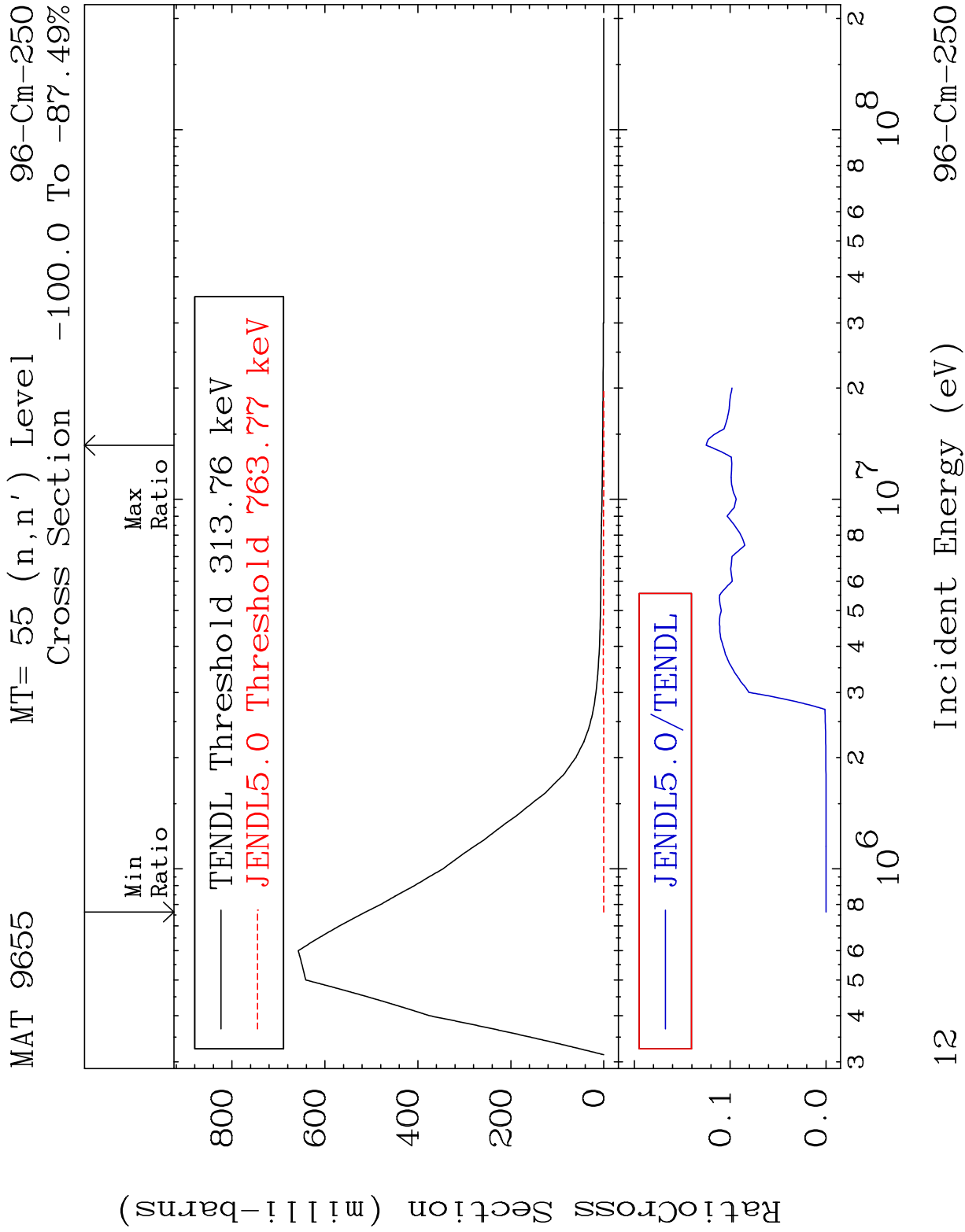
Level

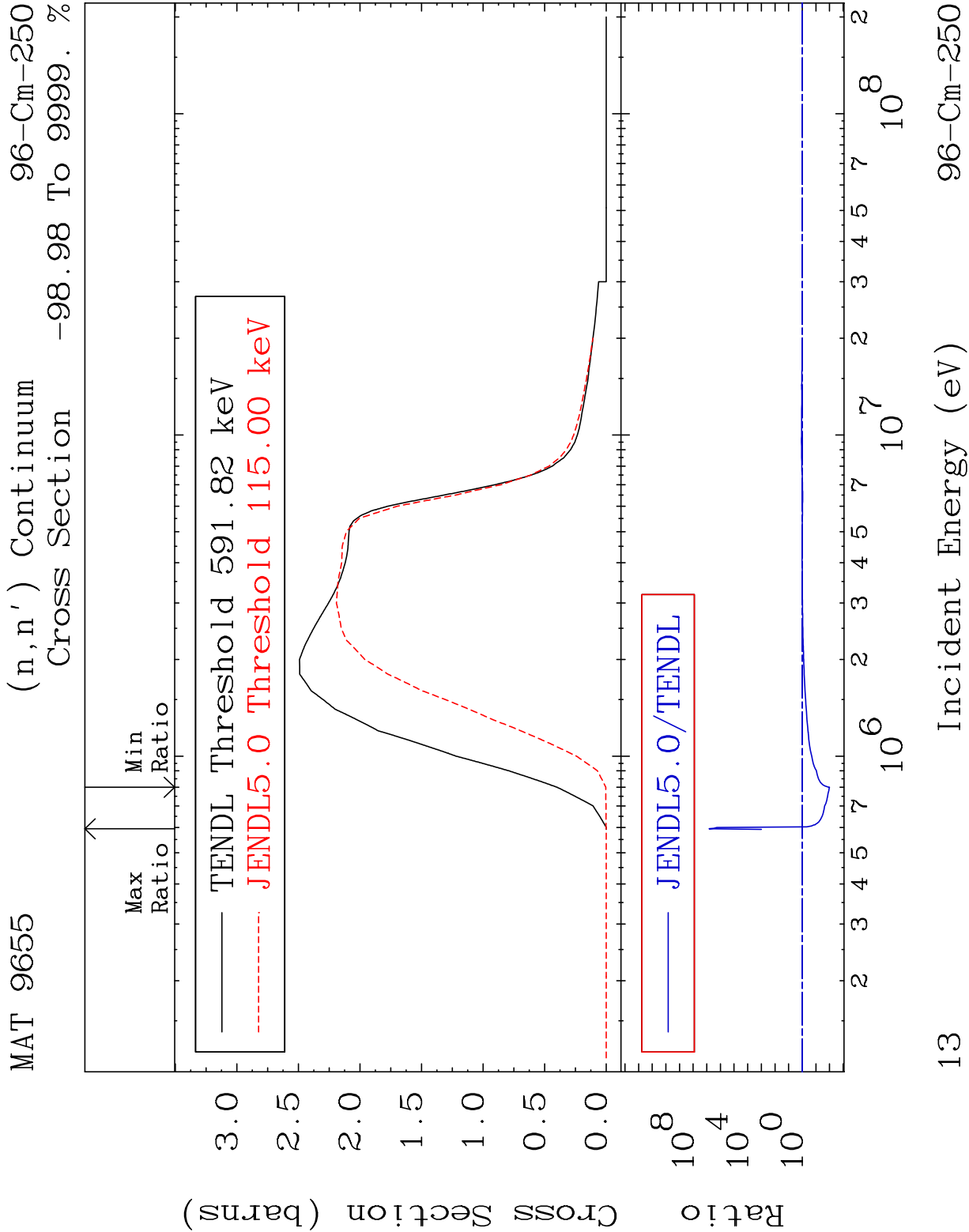
96-Cm-250

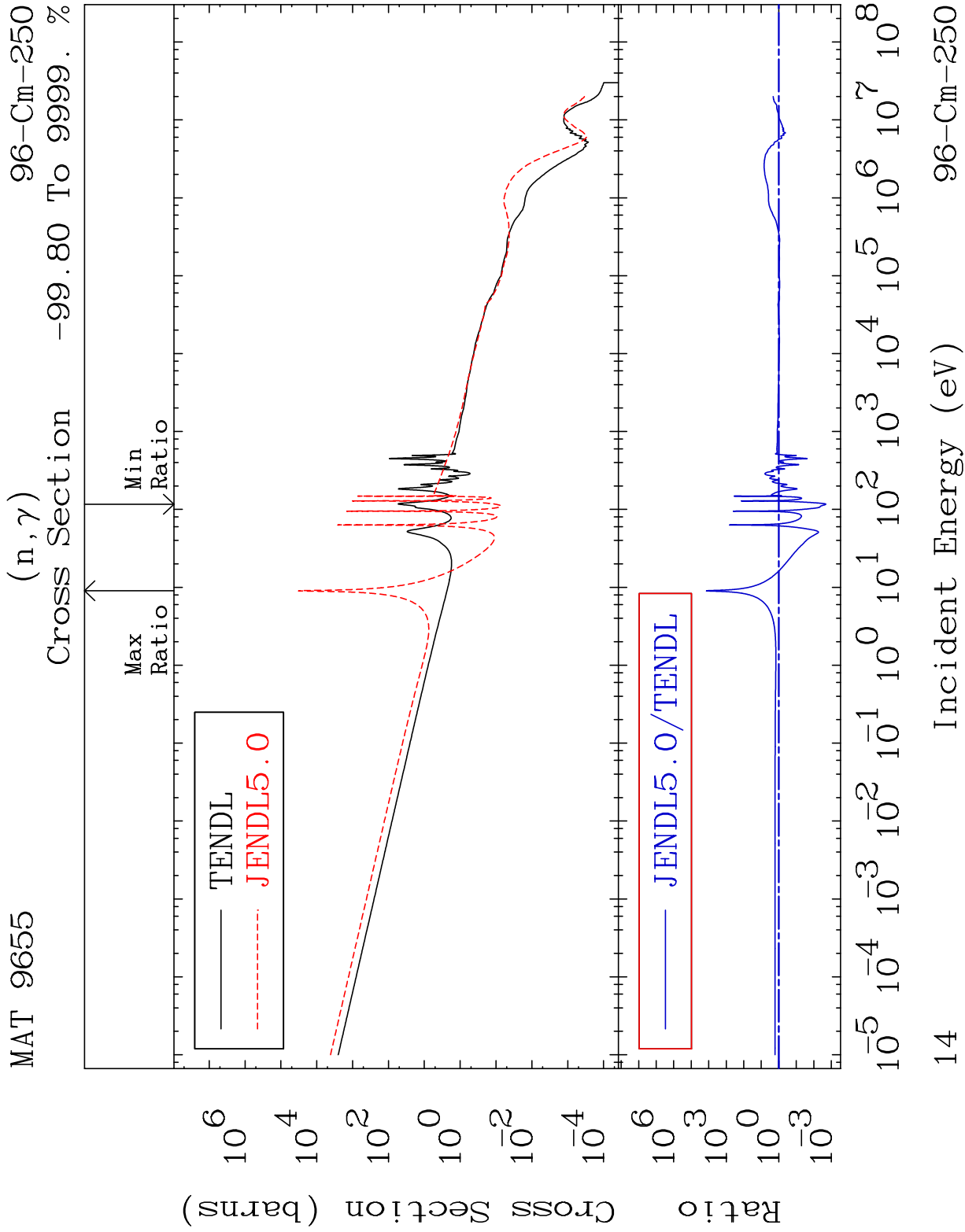
Cross Section

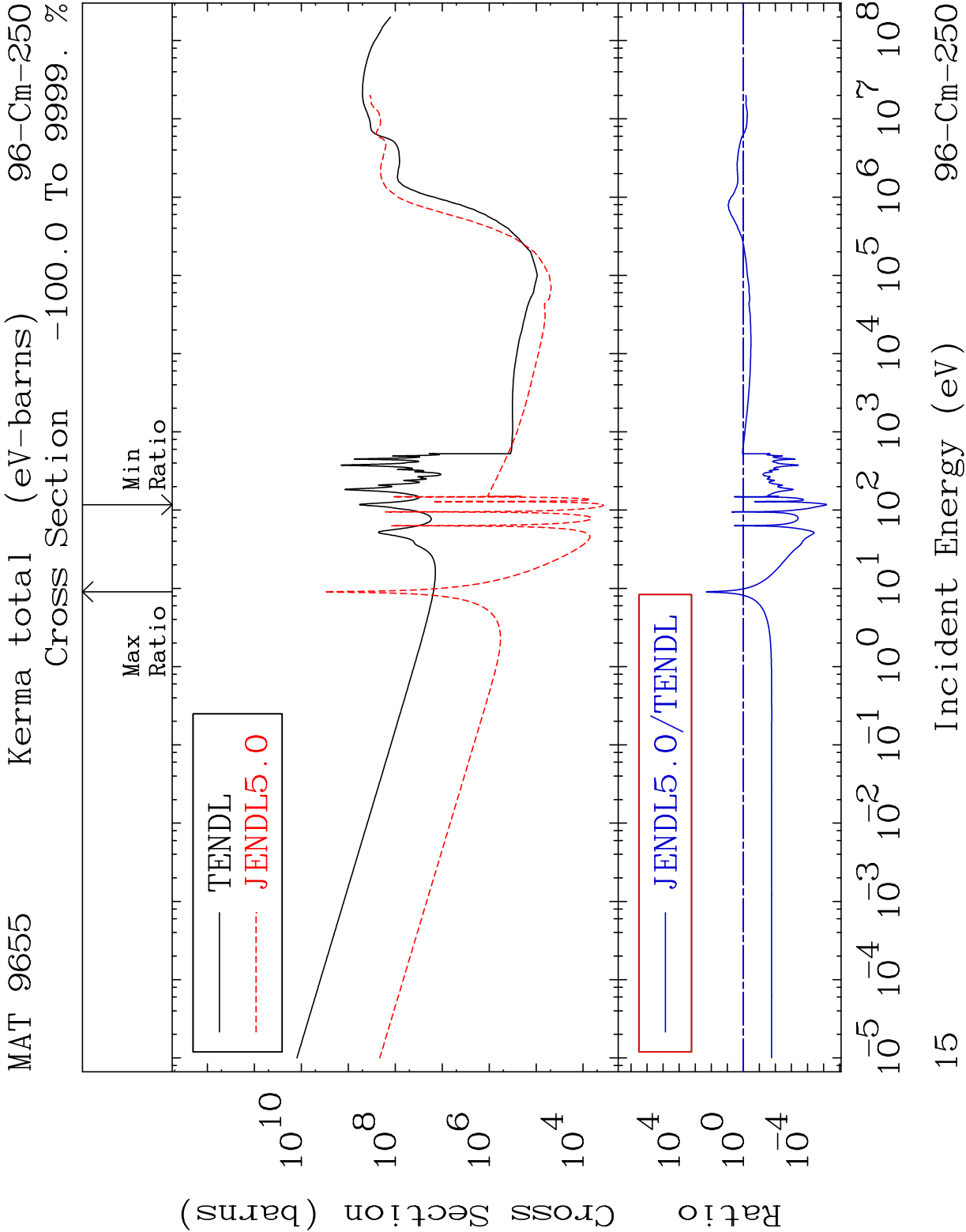
-100.0 To 668.0 %

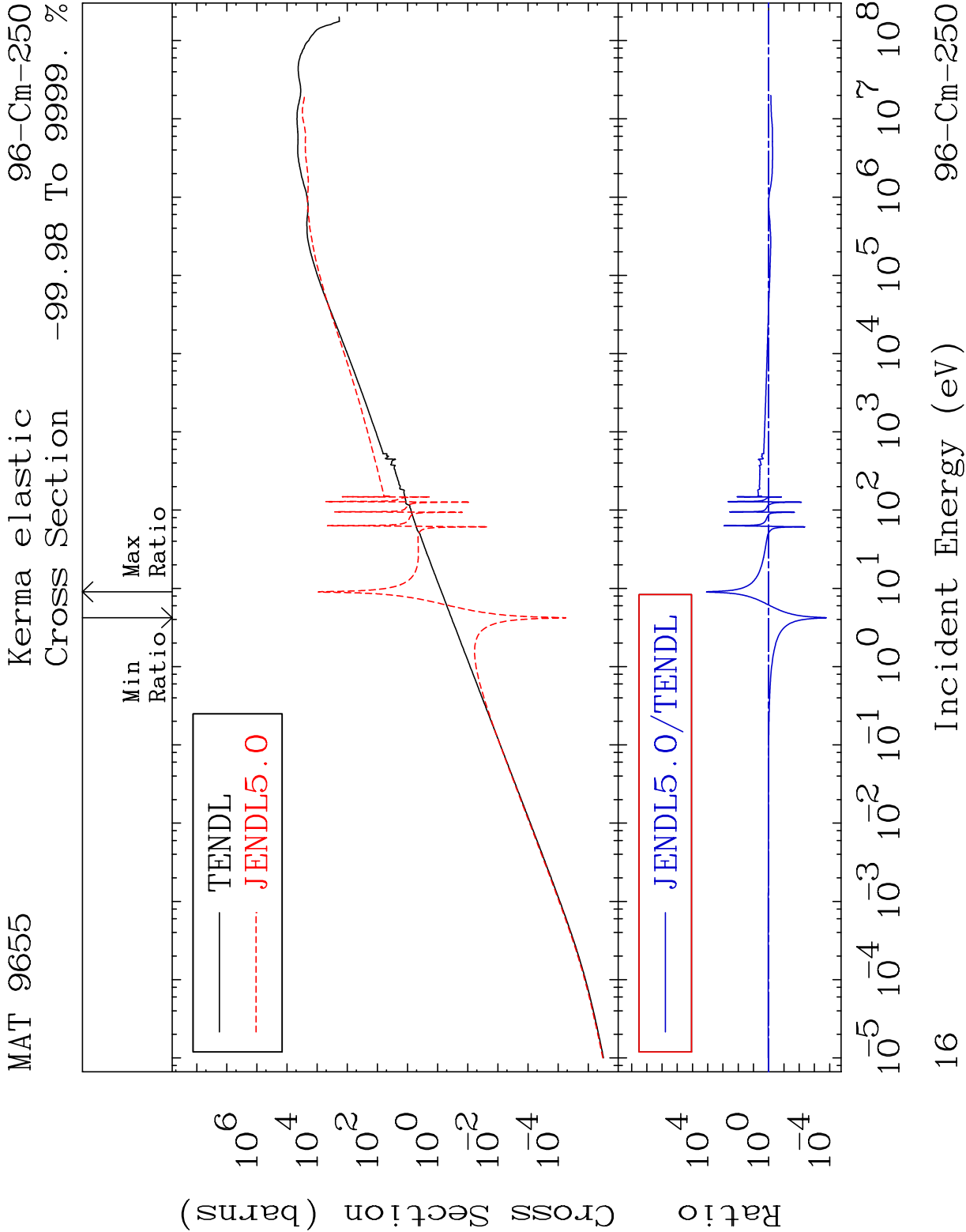






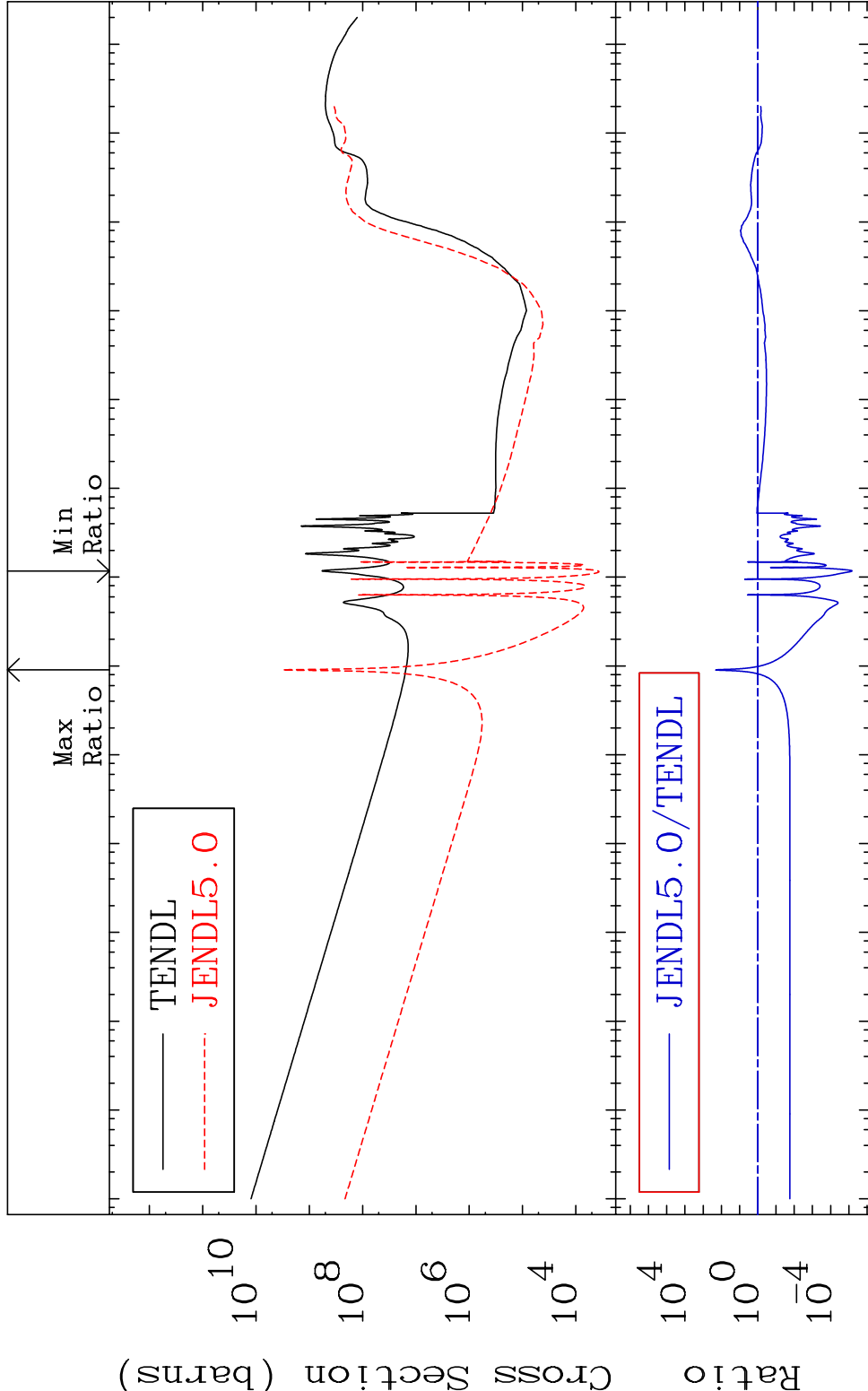




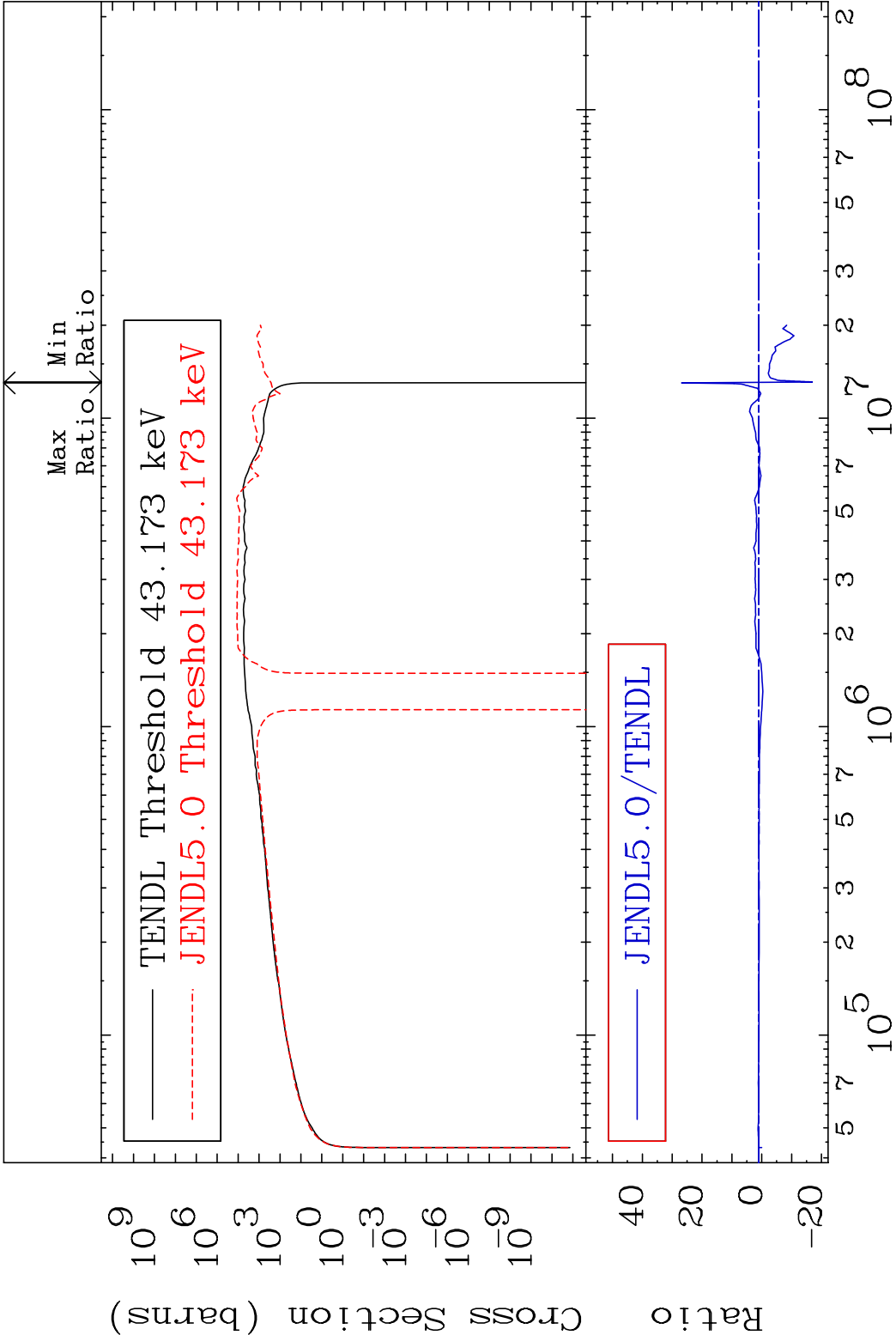


MAT 9655 Kerma non-elastic (all but mt2) 96-Cm-250

Cross Section -100.0 To 9999. %

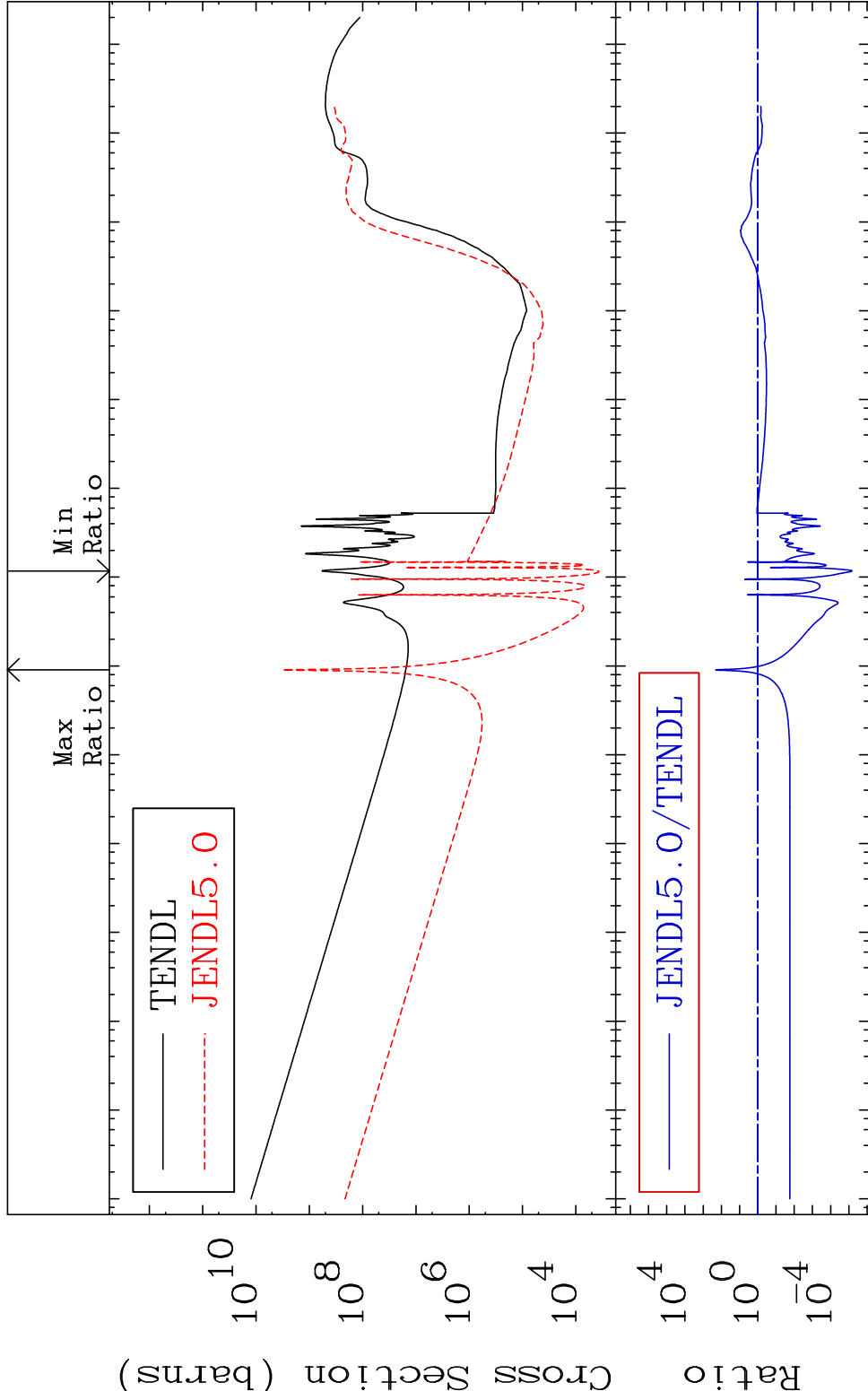


17 Incident Energy (eV) 96-Cm-250



MAT 9655 Kerma fission (mt18 or mt19-20-21-38) 96-Cm-250

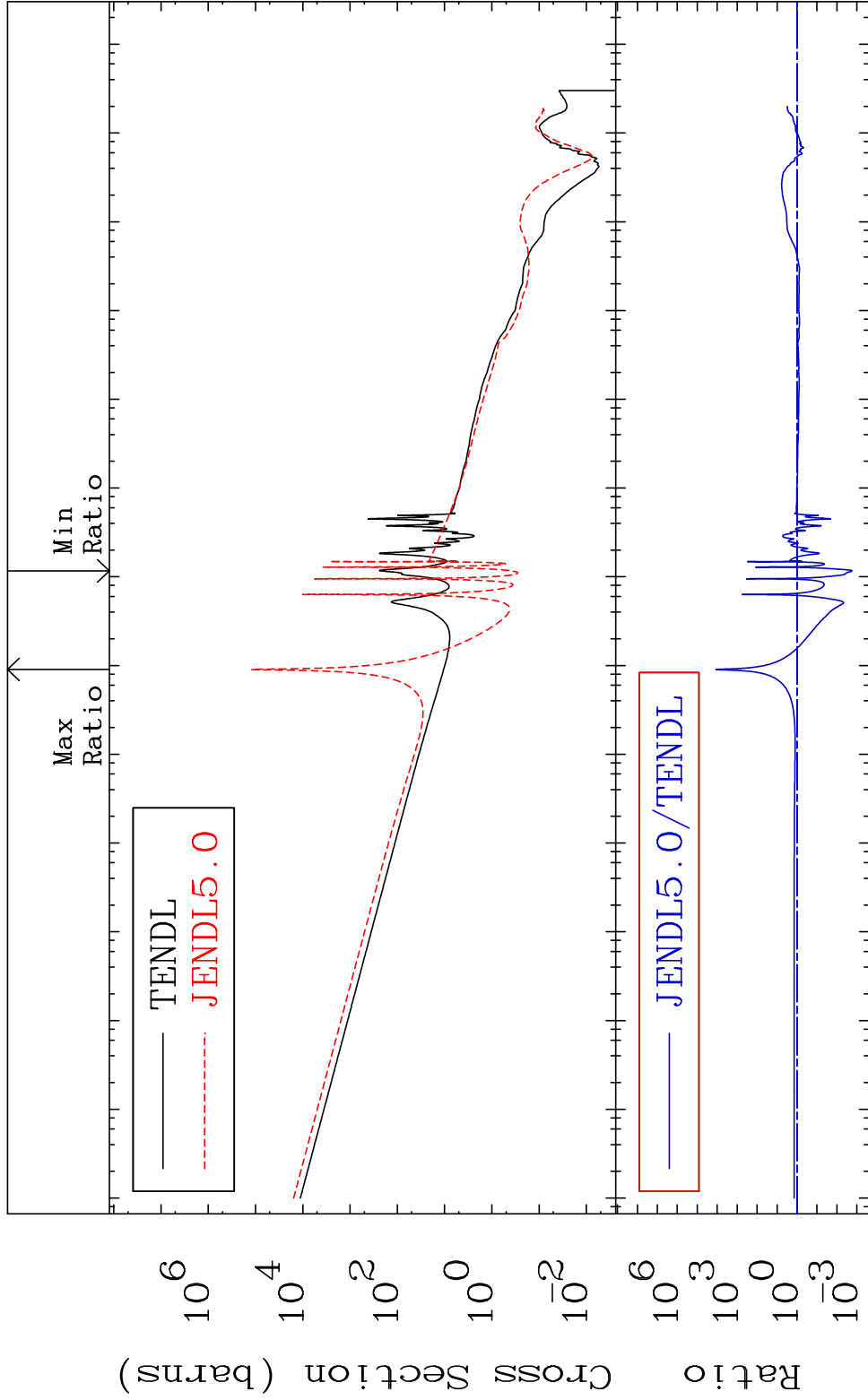
Cross Section -100.0 To 9999. %



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

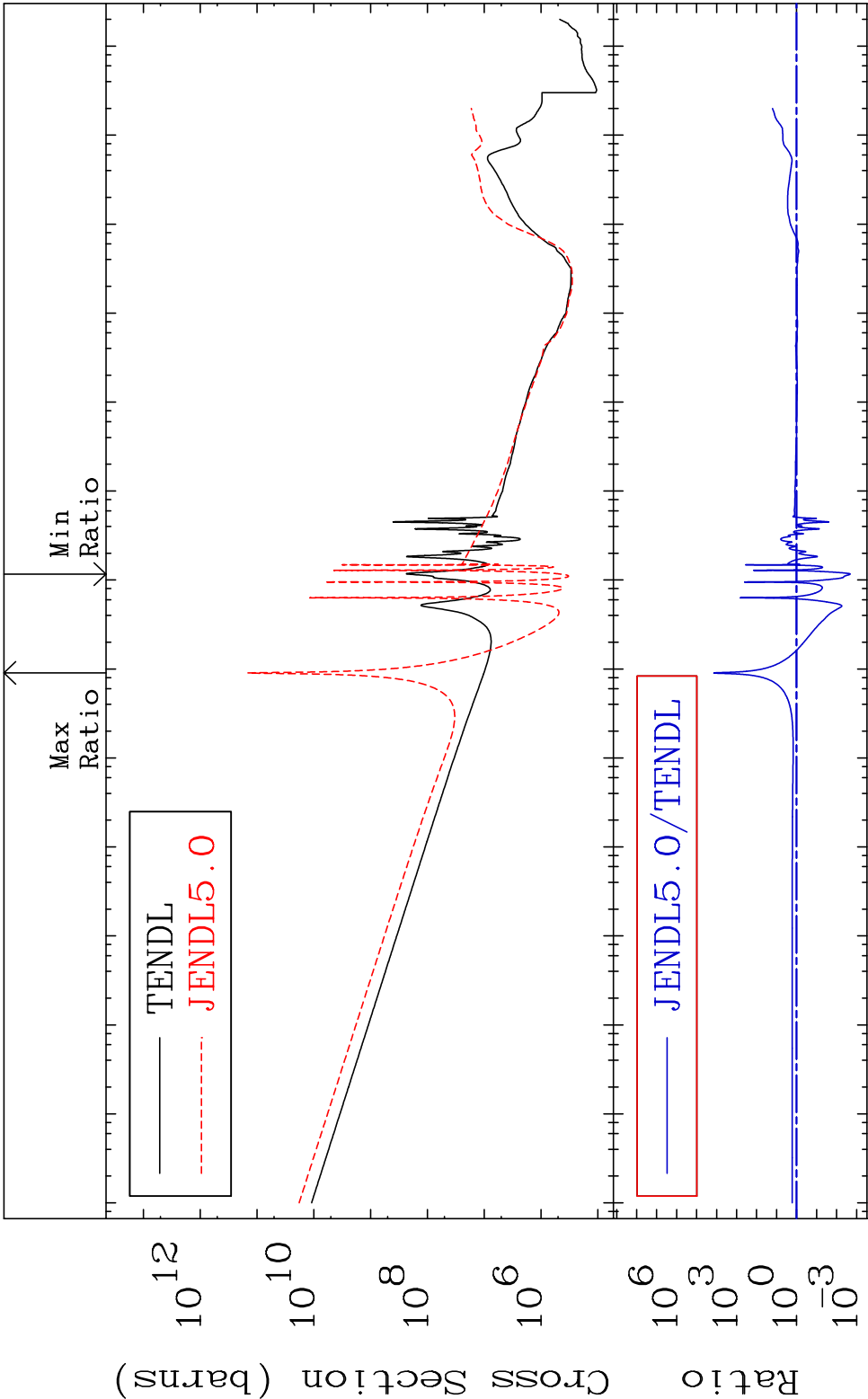
19 Incident Energy (eV) 96-Cm-250

MAT 9655 Kerma capture (mt102) 96-Cm-250
Cross Section -99.83 To 9999. %



20 Incident Energy (eV) 96-Cm-250

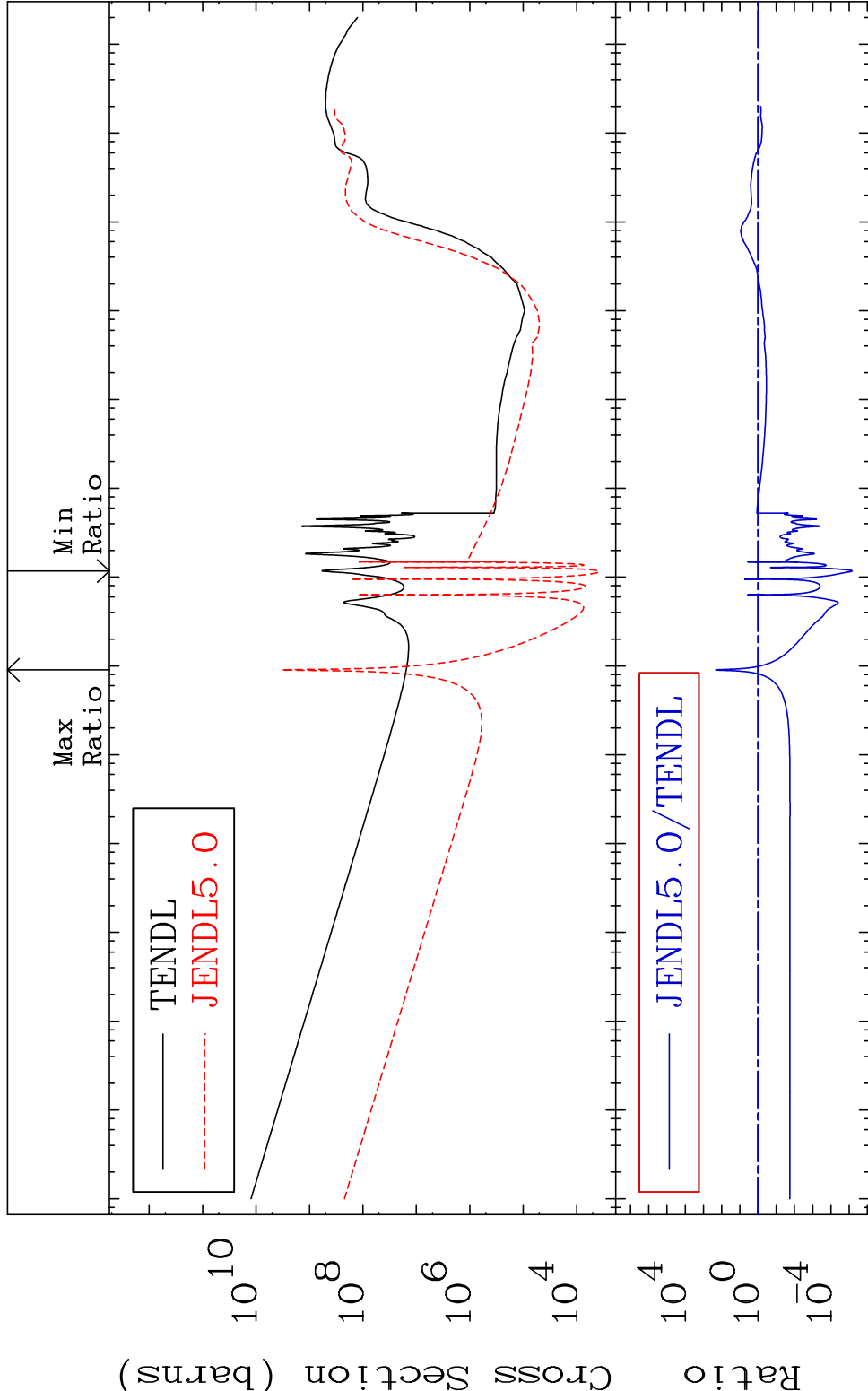
MAT 9655 Total photon (eV-barns) 96-Cm-250
Cross Section -99.80 To 9999. %



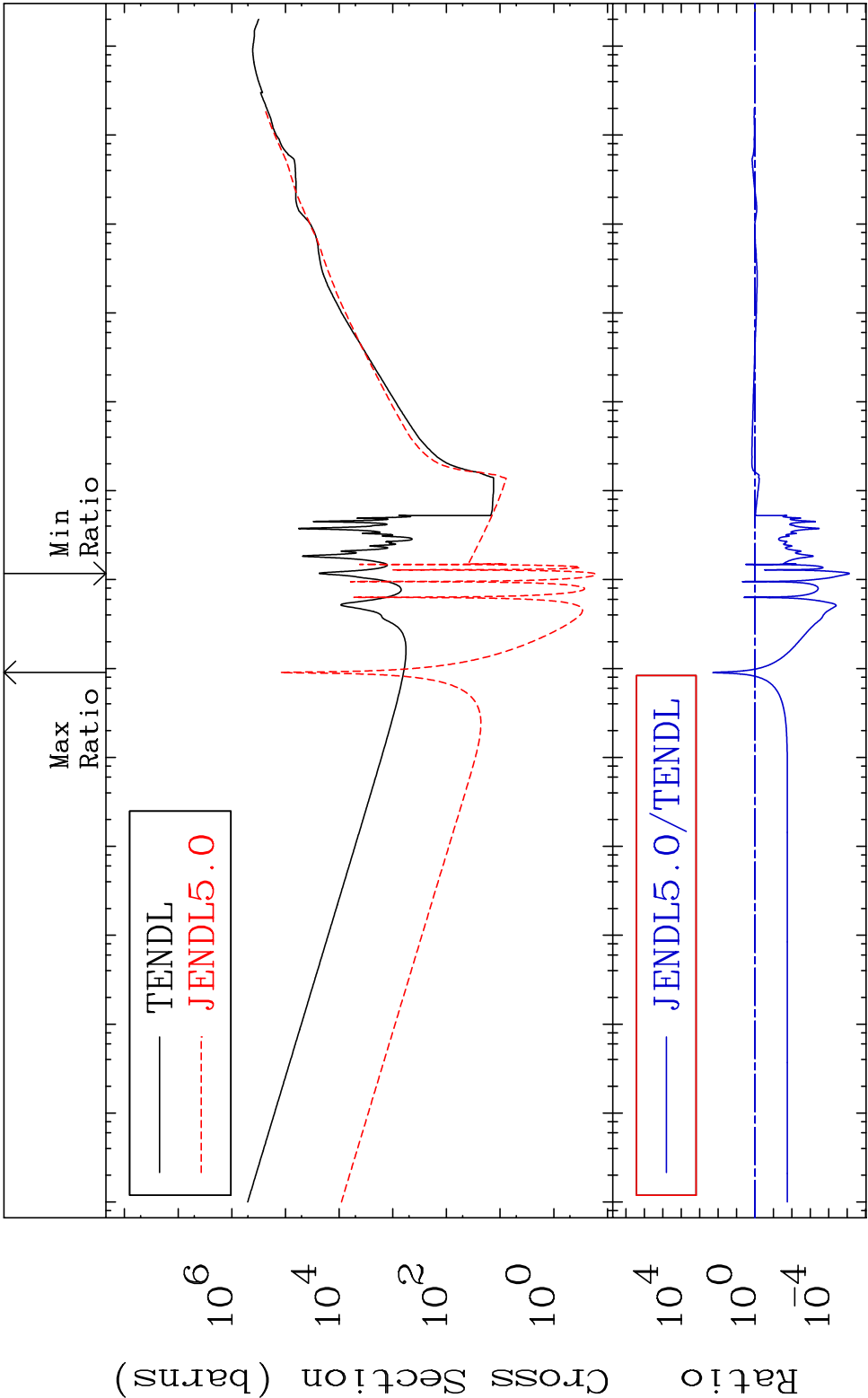
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

21 Incident Energy (eV) 96-Cm-250

MAT 9655 Total kinematic kerma (high limit) 96-Cm-250
Cross Section -100.0 To 9999. %

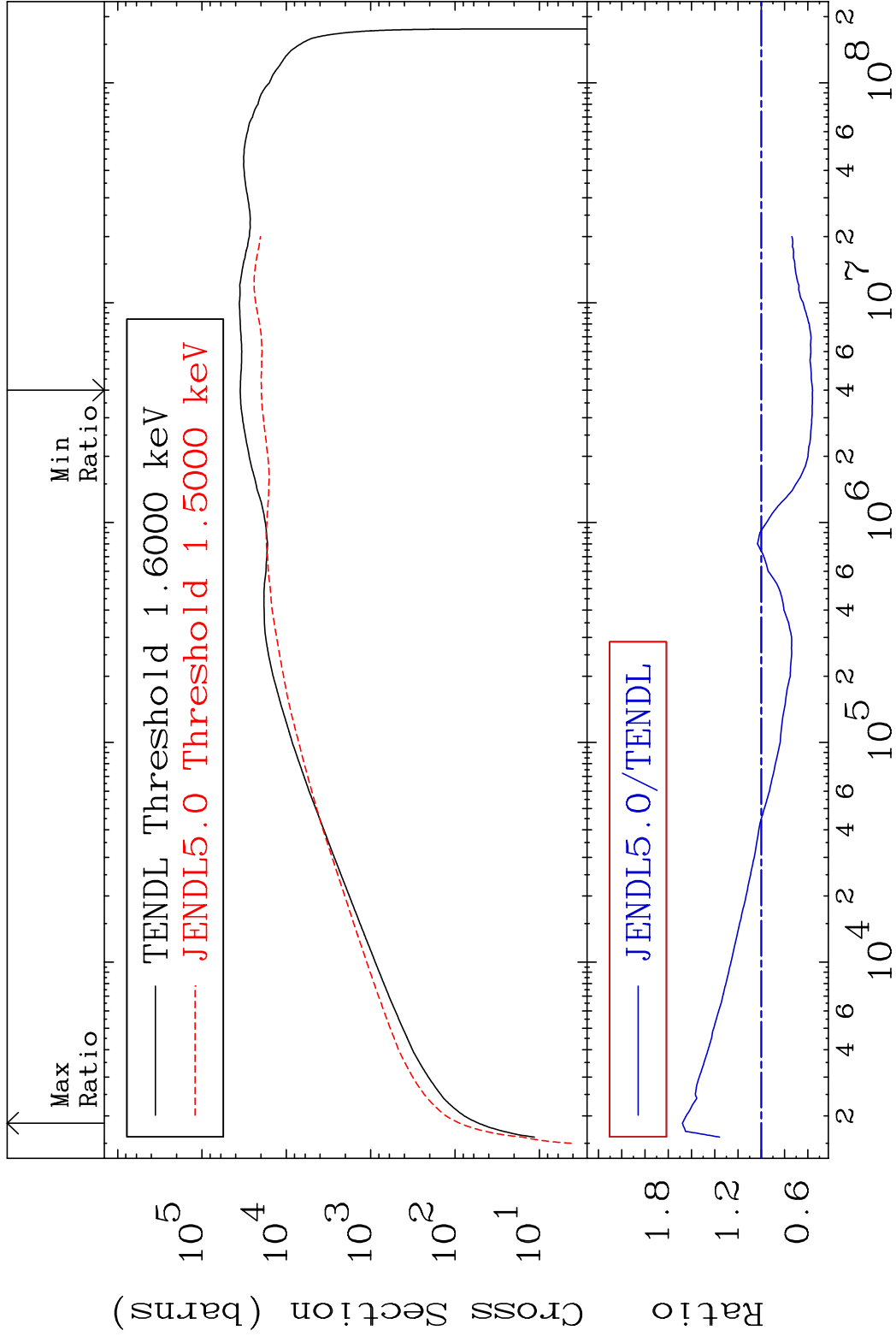


MAT 9655 Dpa total (eV-barns) 96-Cm-250
 Cross Section -100.0 To 9999. %

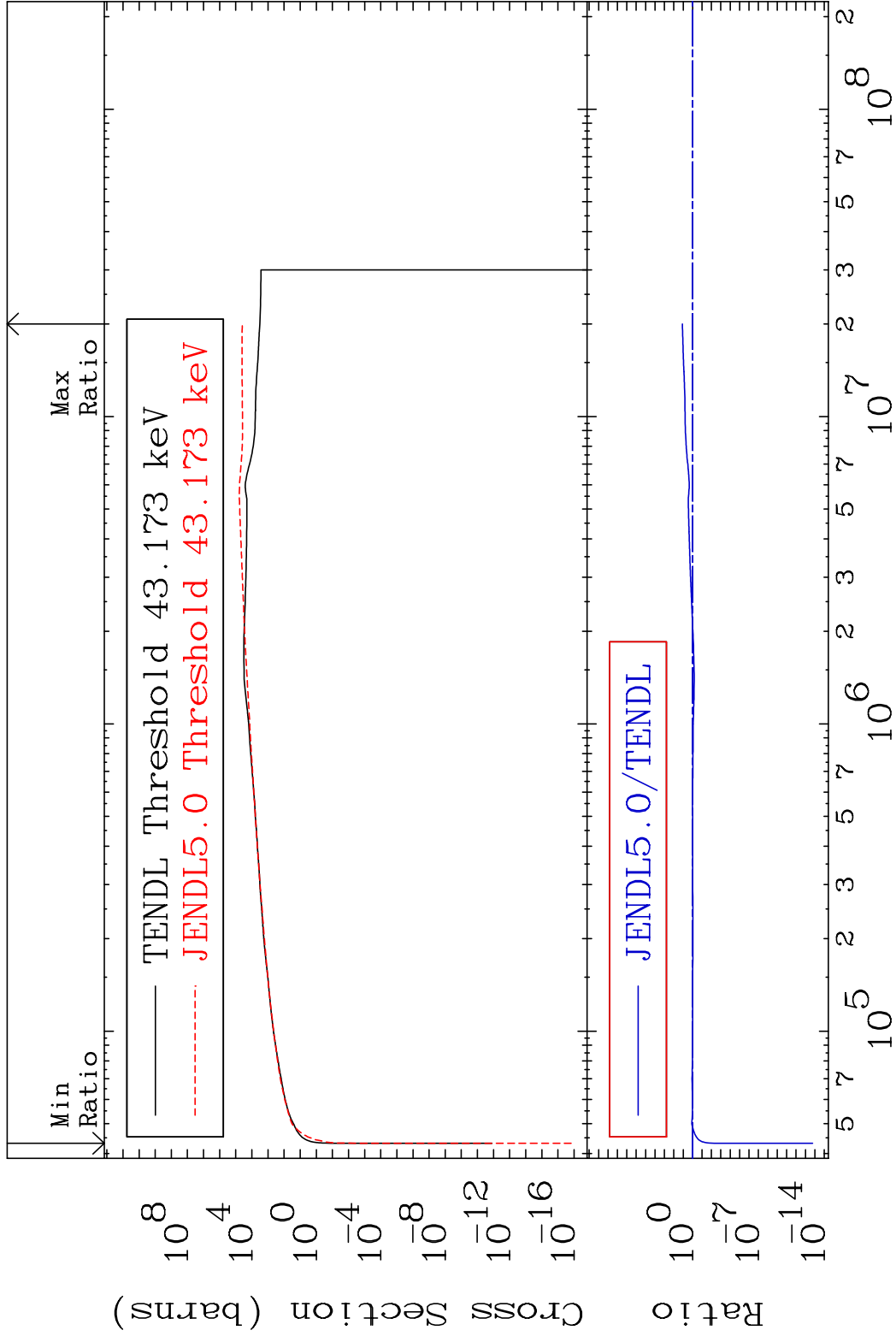


10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
 23 Incident Energy (eV) 96-Cm-250

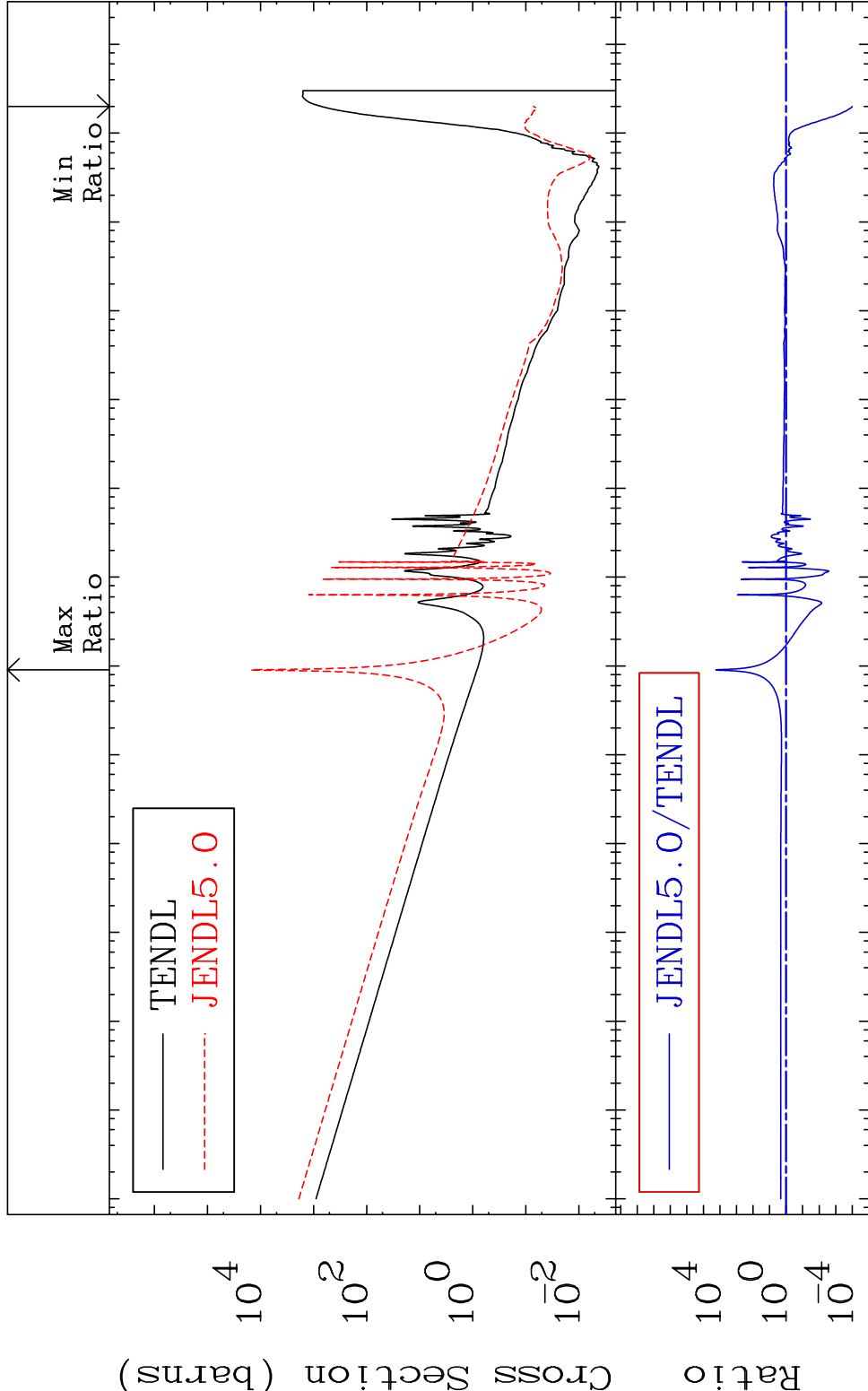
MAT 9655 Dpa elastic (mt2) 96-Cm-250
Cross Section -44.00 To 67.85 %

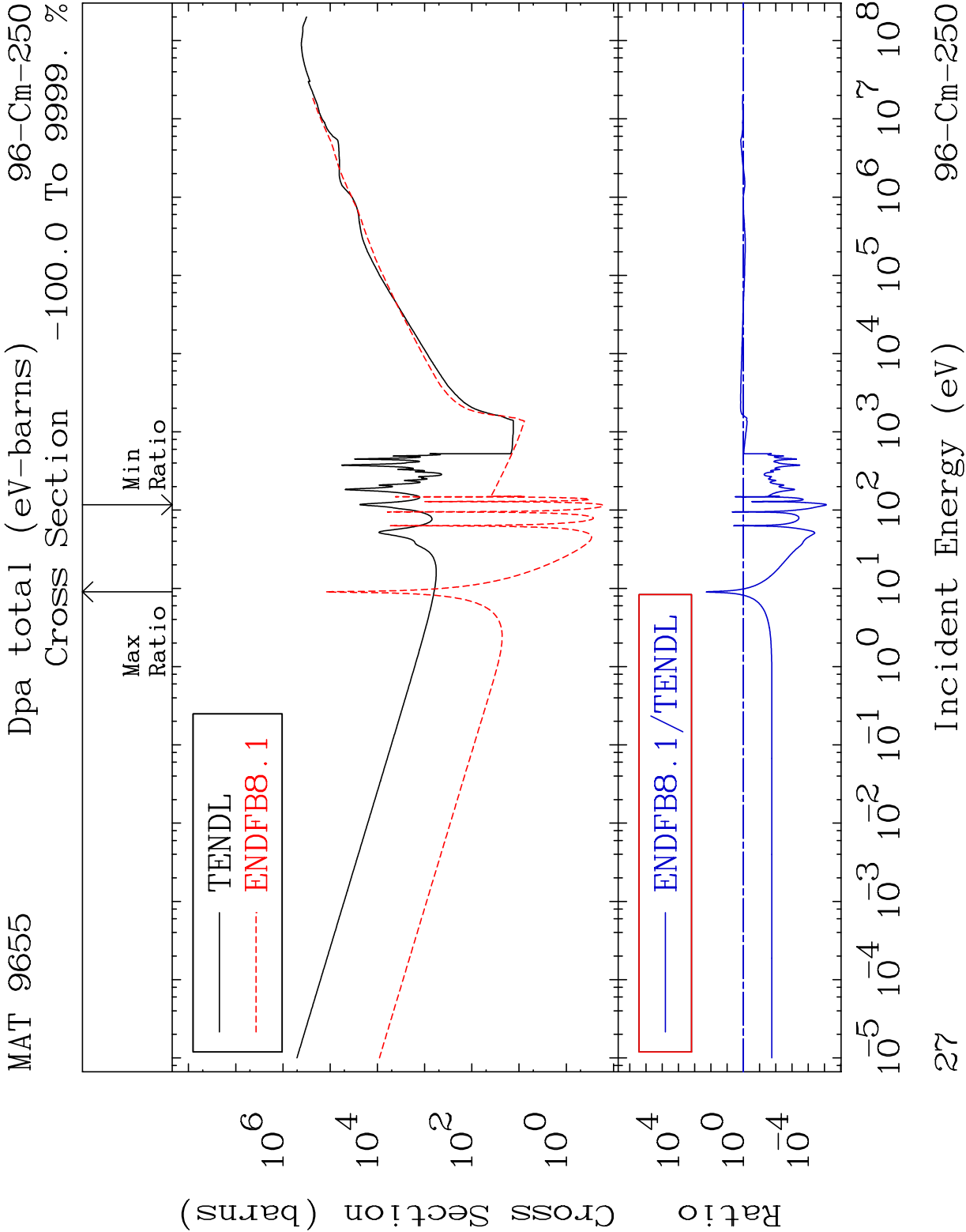


MAT 9655 Dpa inelastic (mt51-91) 96-Cm-250
Cross Section -100.0 To 1132. %

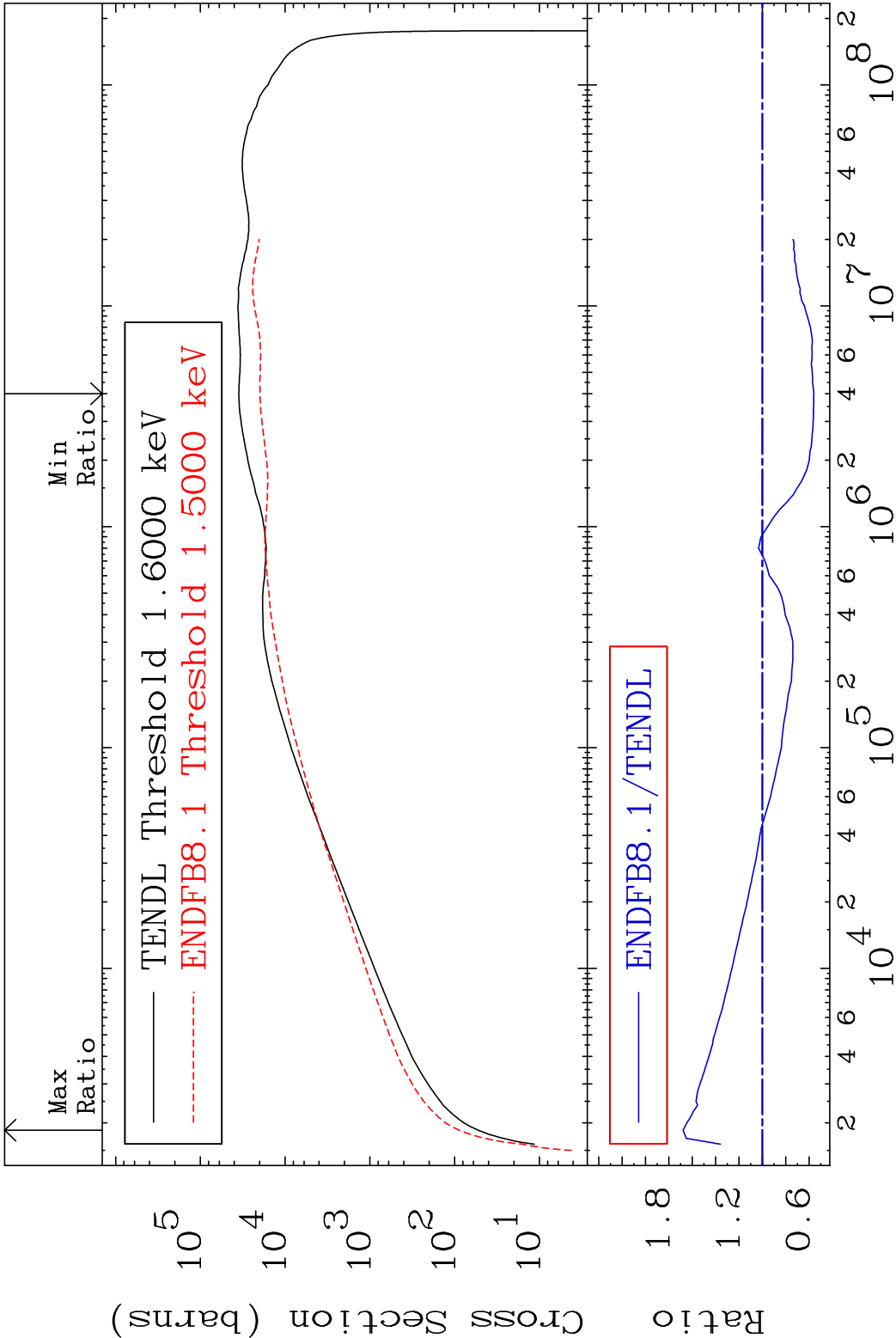


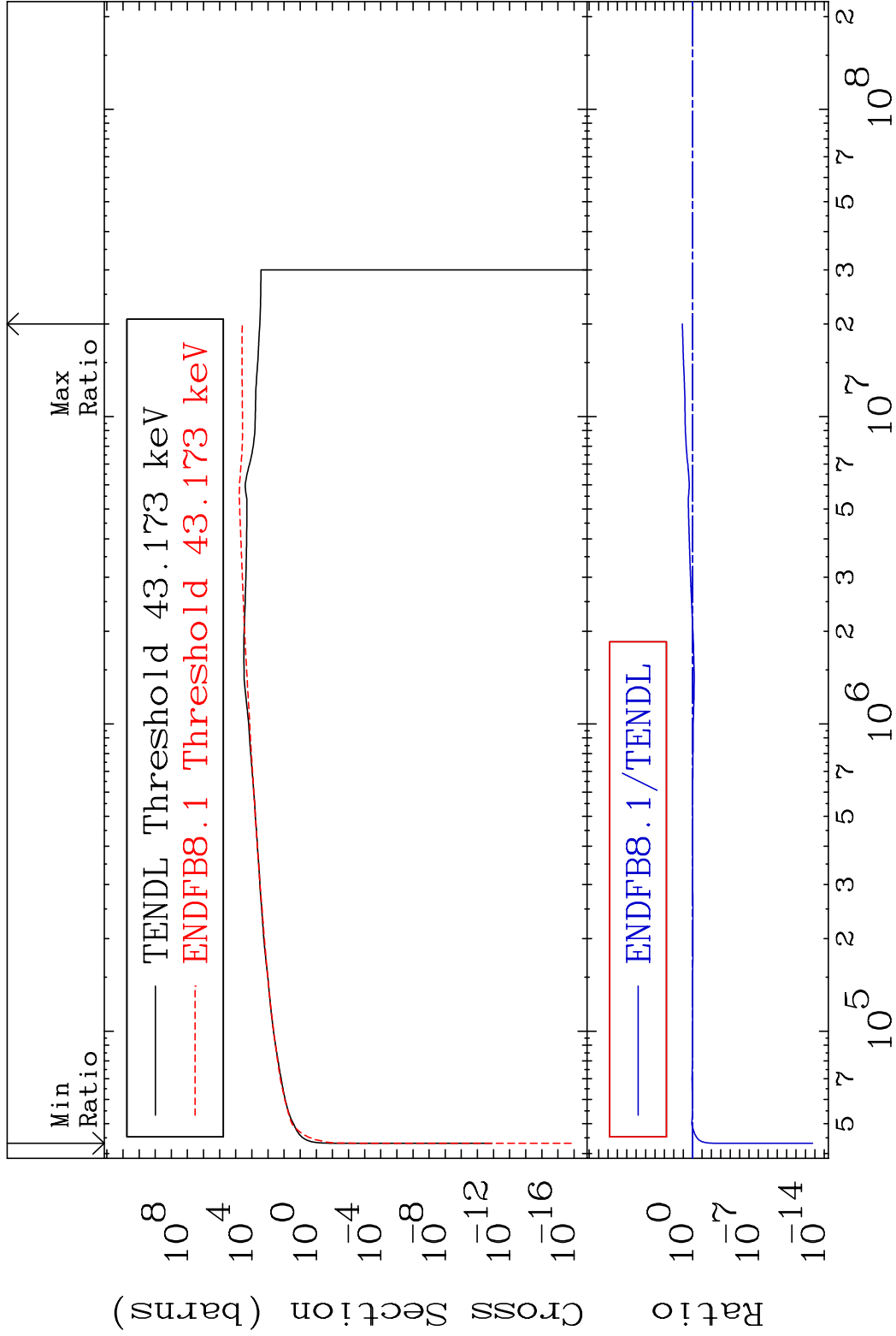
Cross Section -99.99 To 9999. %



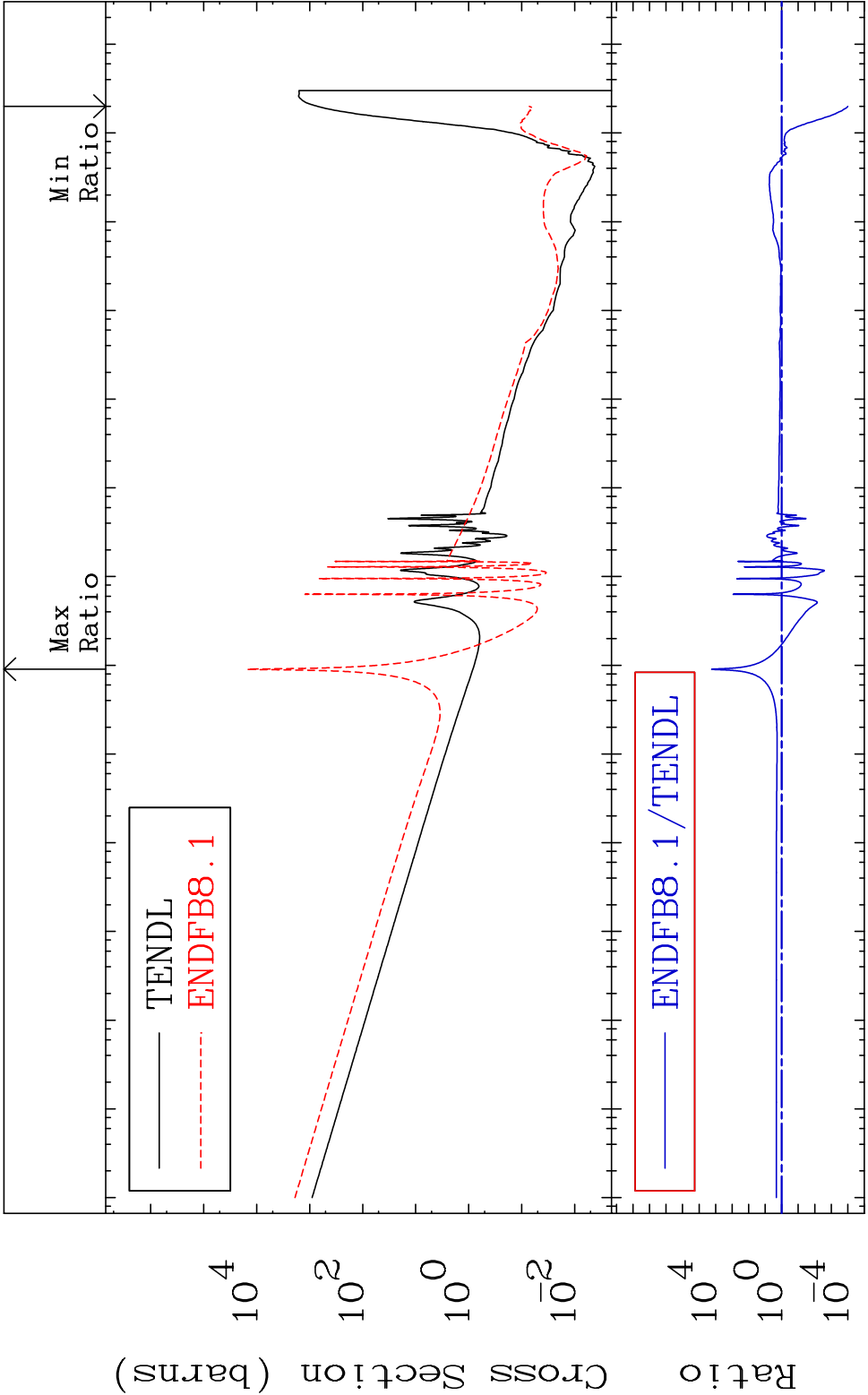


MAT 9655 Dpa elastic (mt2) 96-Cm-250
Cross Section -44.00 To 67.85 %





MAT 9655 Dpa disappearance (mt102 -120) 96-Cm-250
Cross Section -99.99 To 9999. %



30 Incident Energy (eV) 96-Cm-250