

Program Complot
(Version 2021-1)

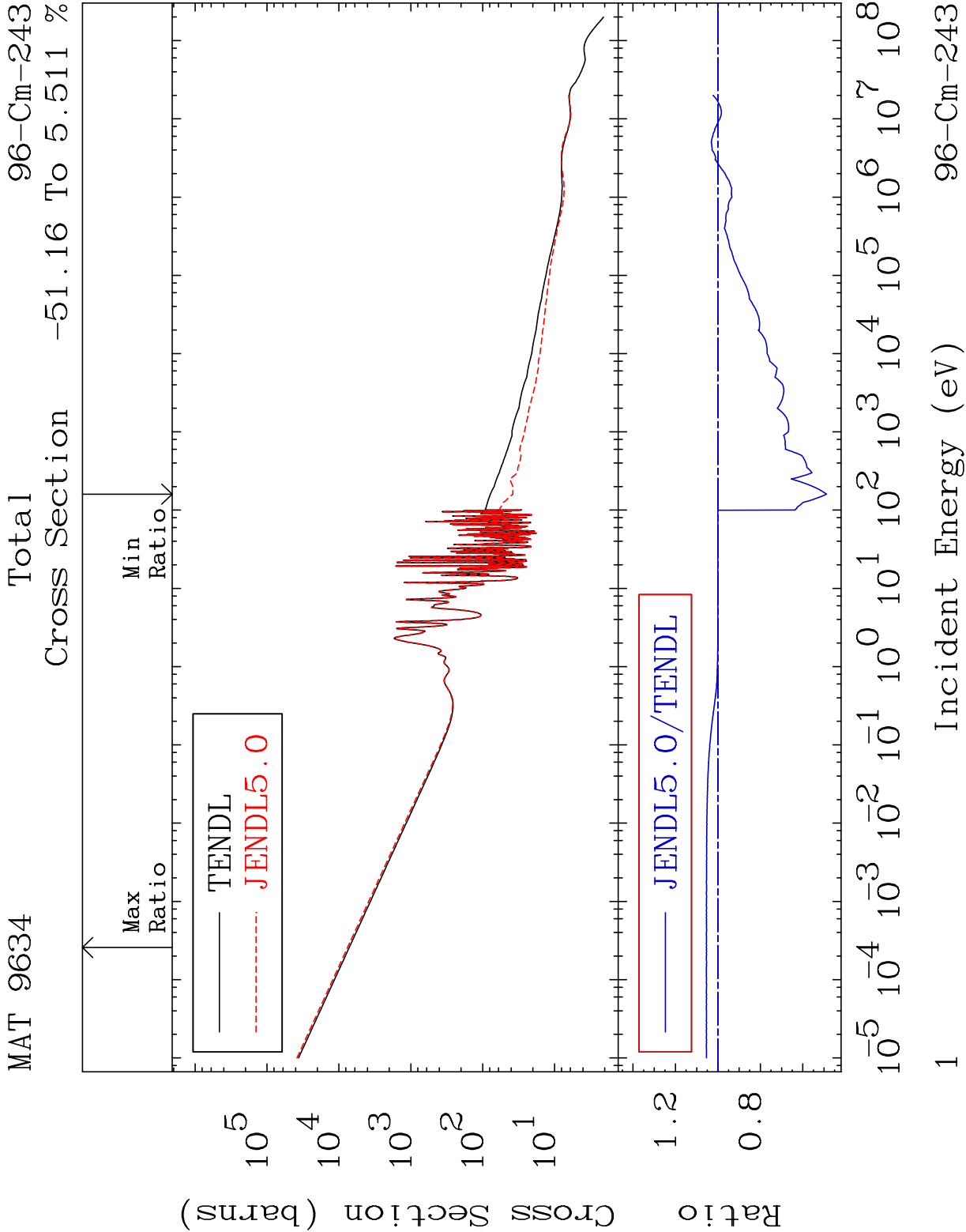
by

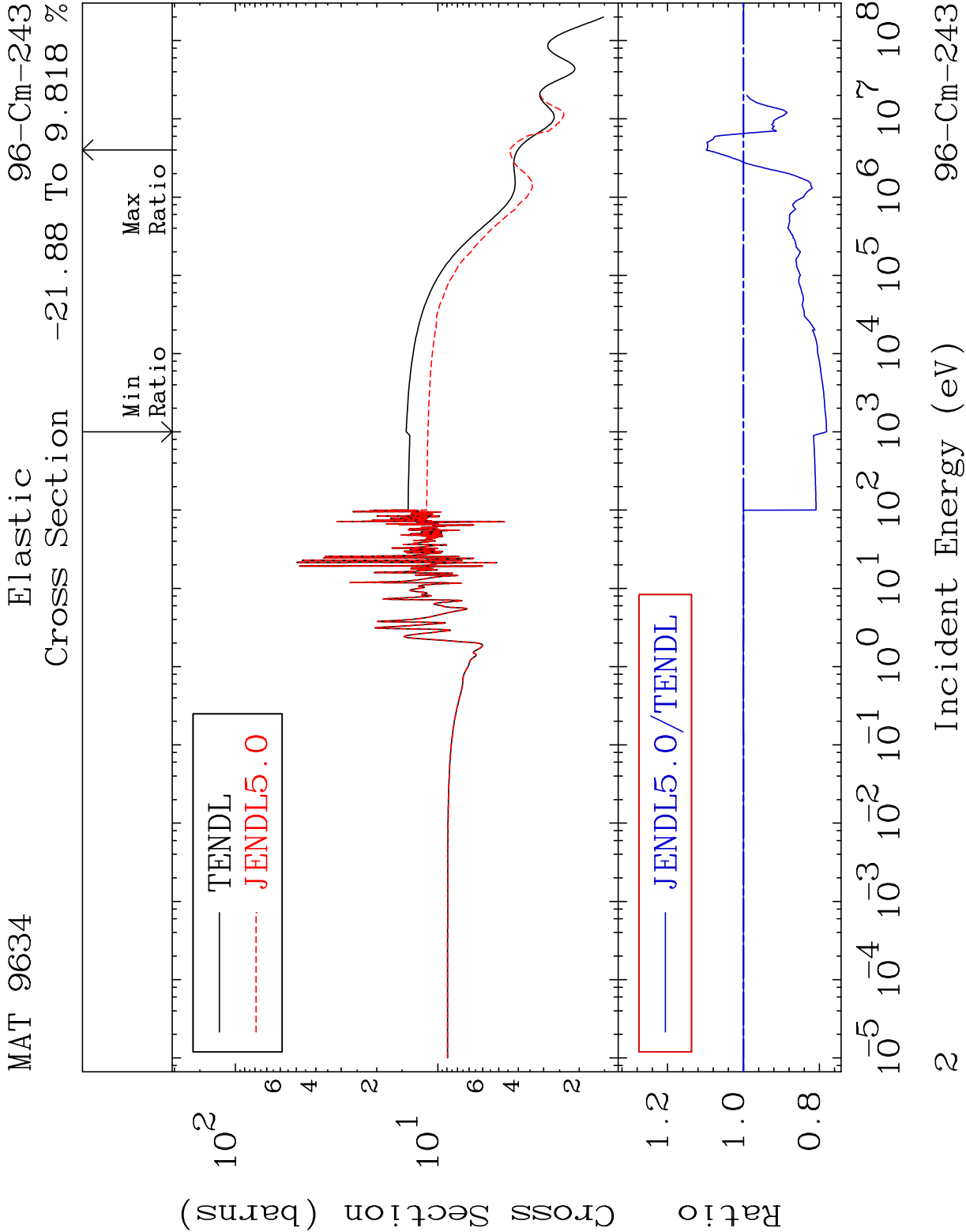
Dermott E. Cullen
(Present Contact Information)

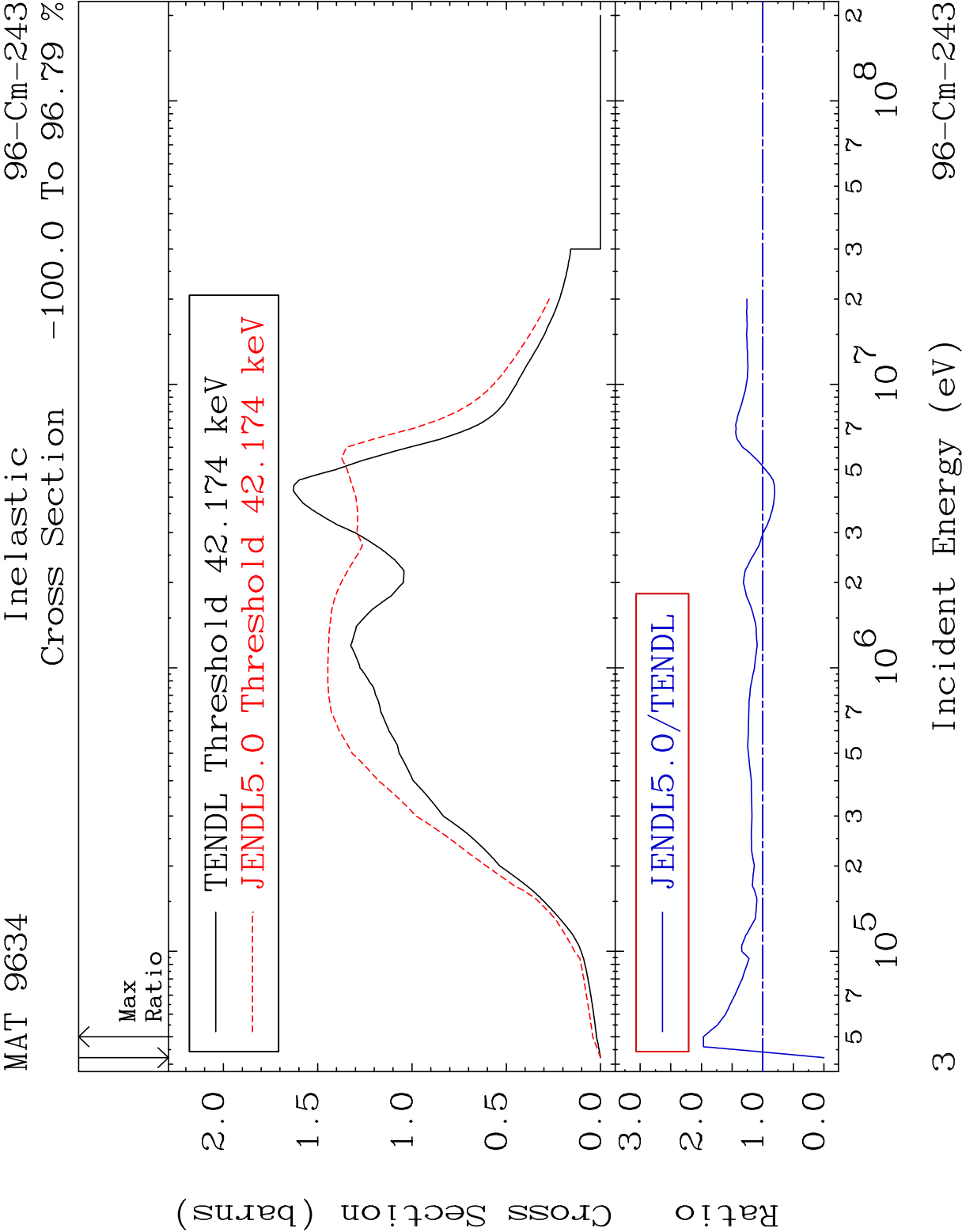
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

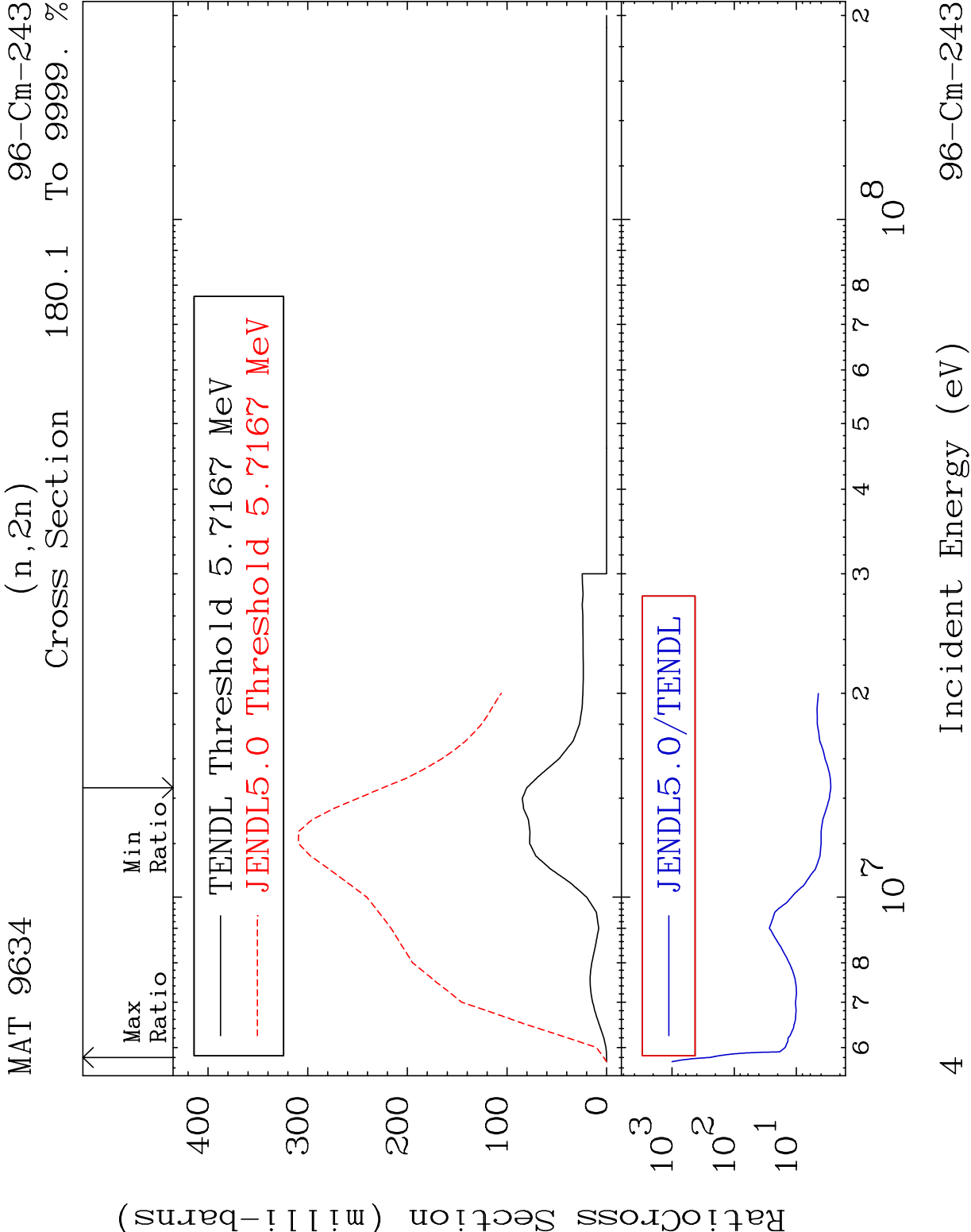
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

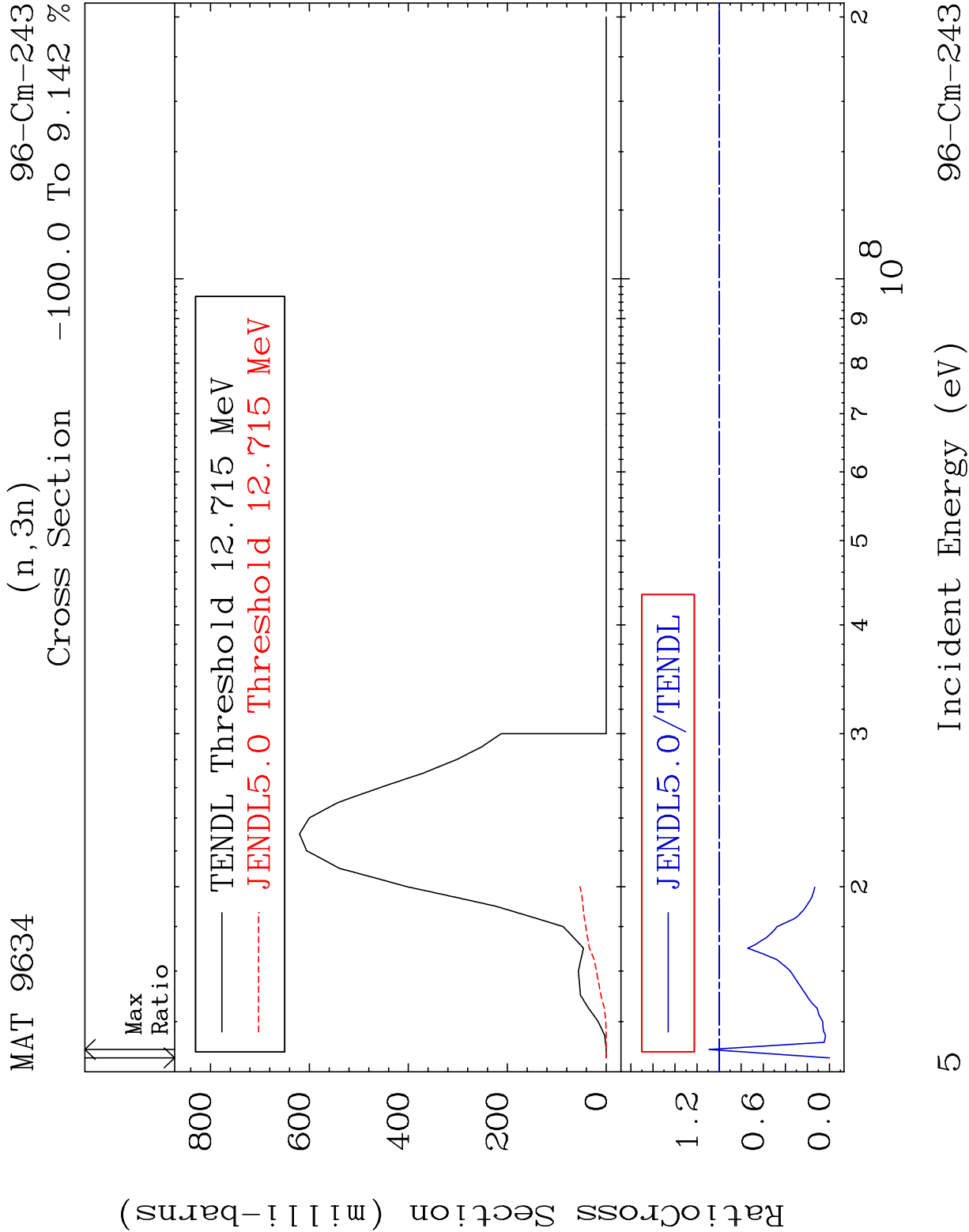
Press Mouse Button to Start

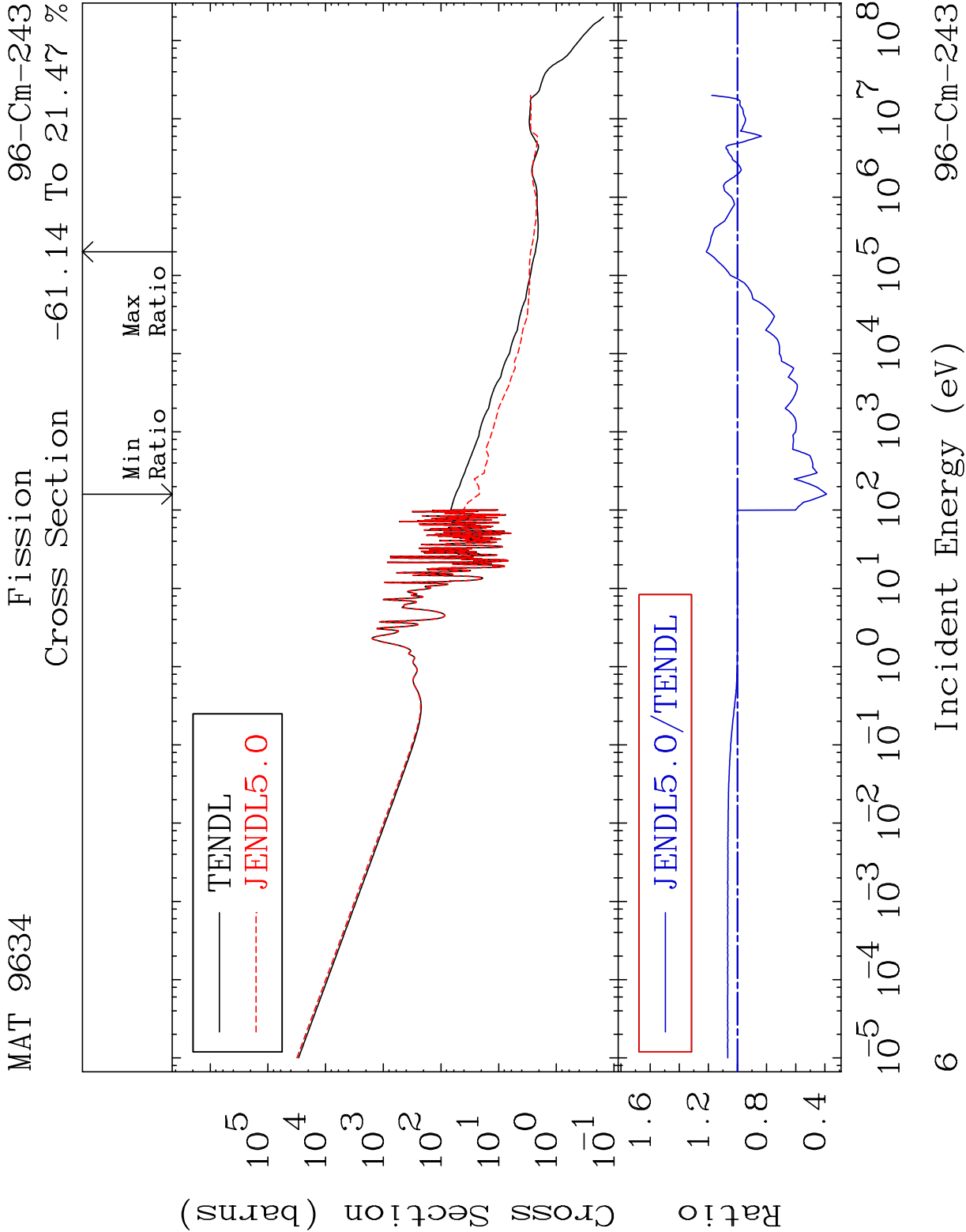




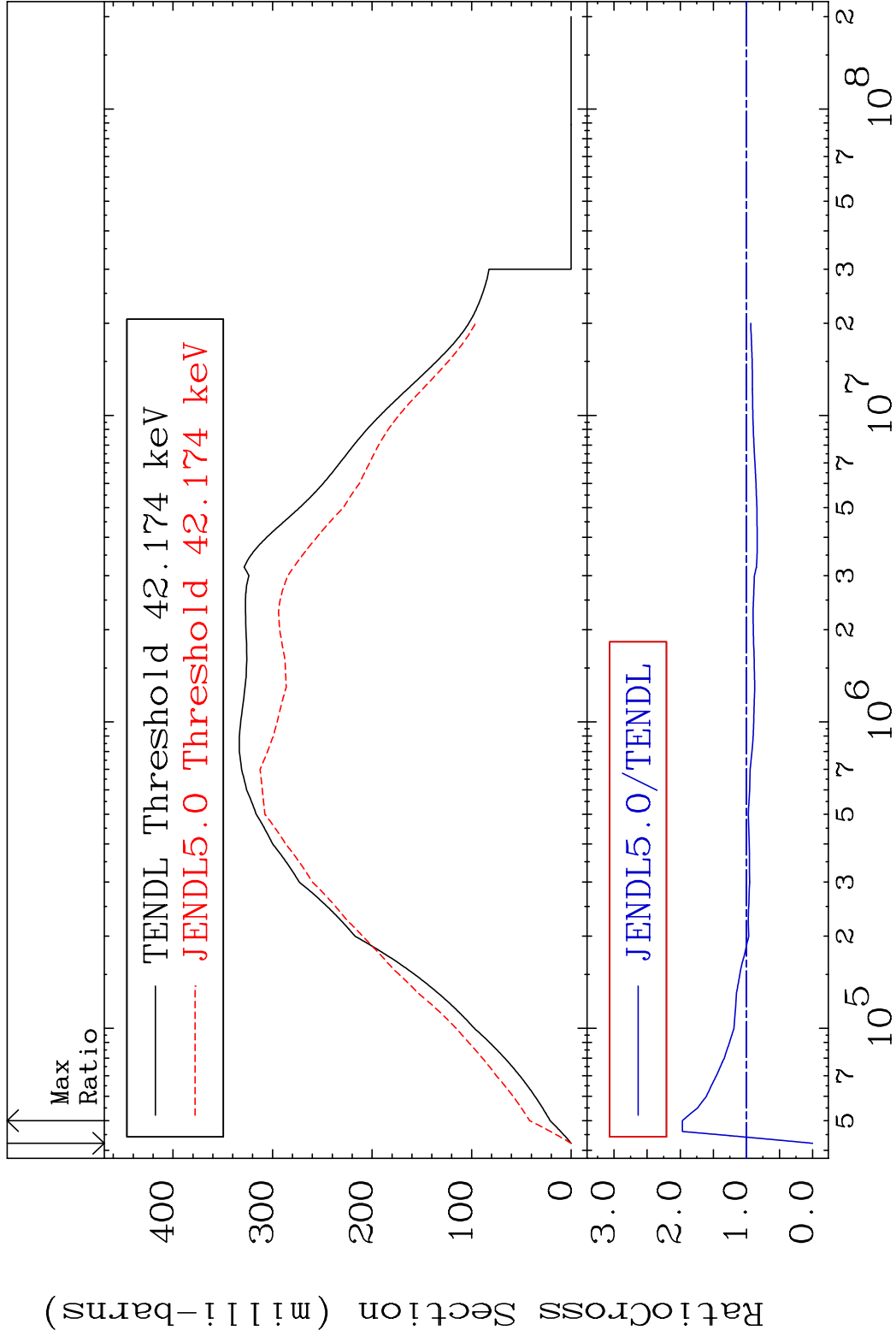




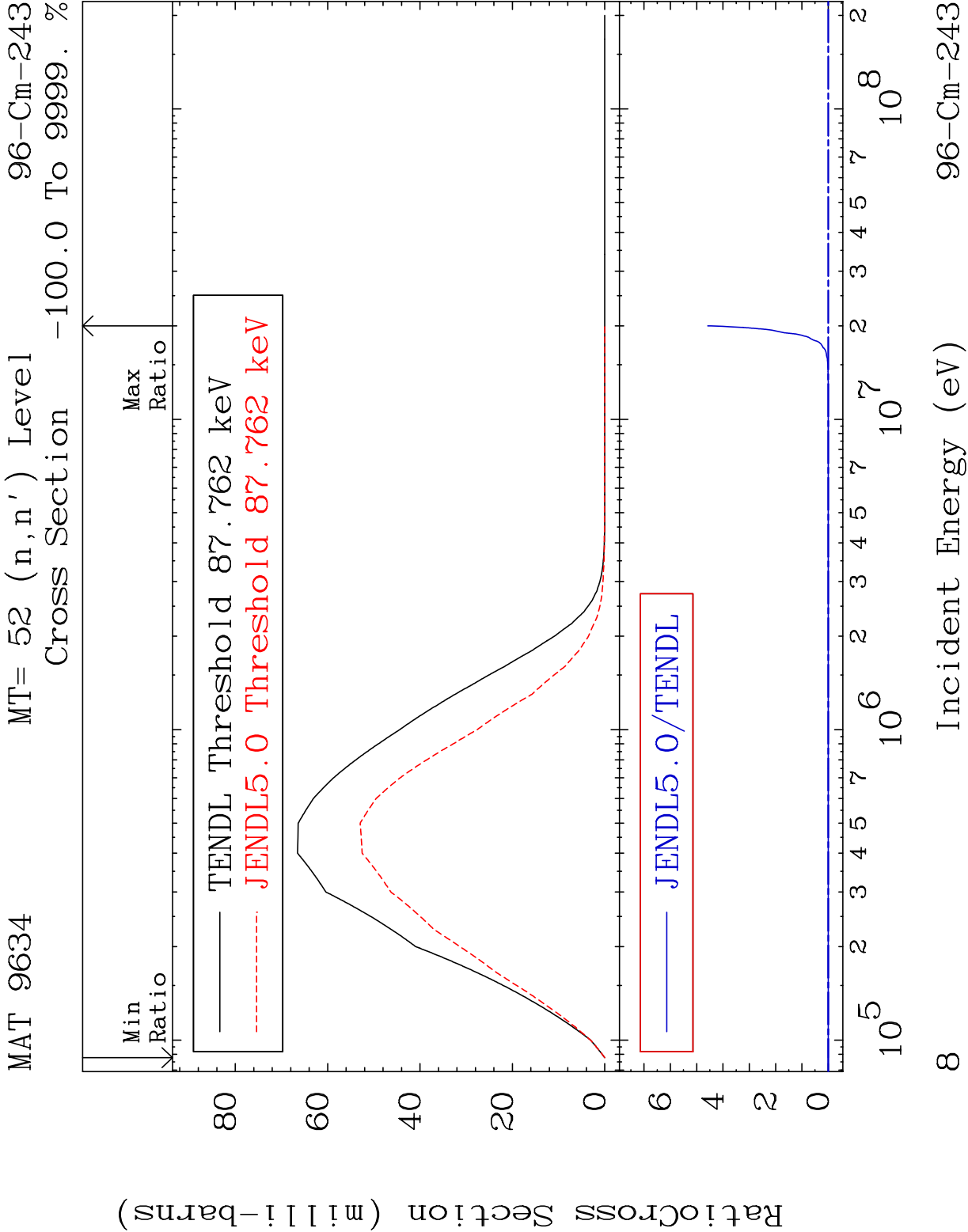




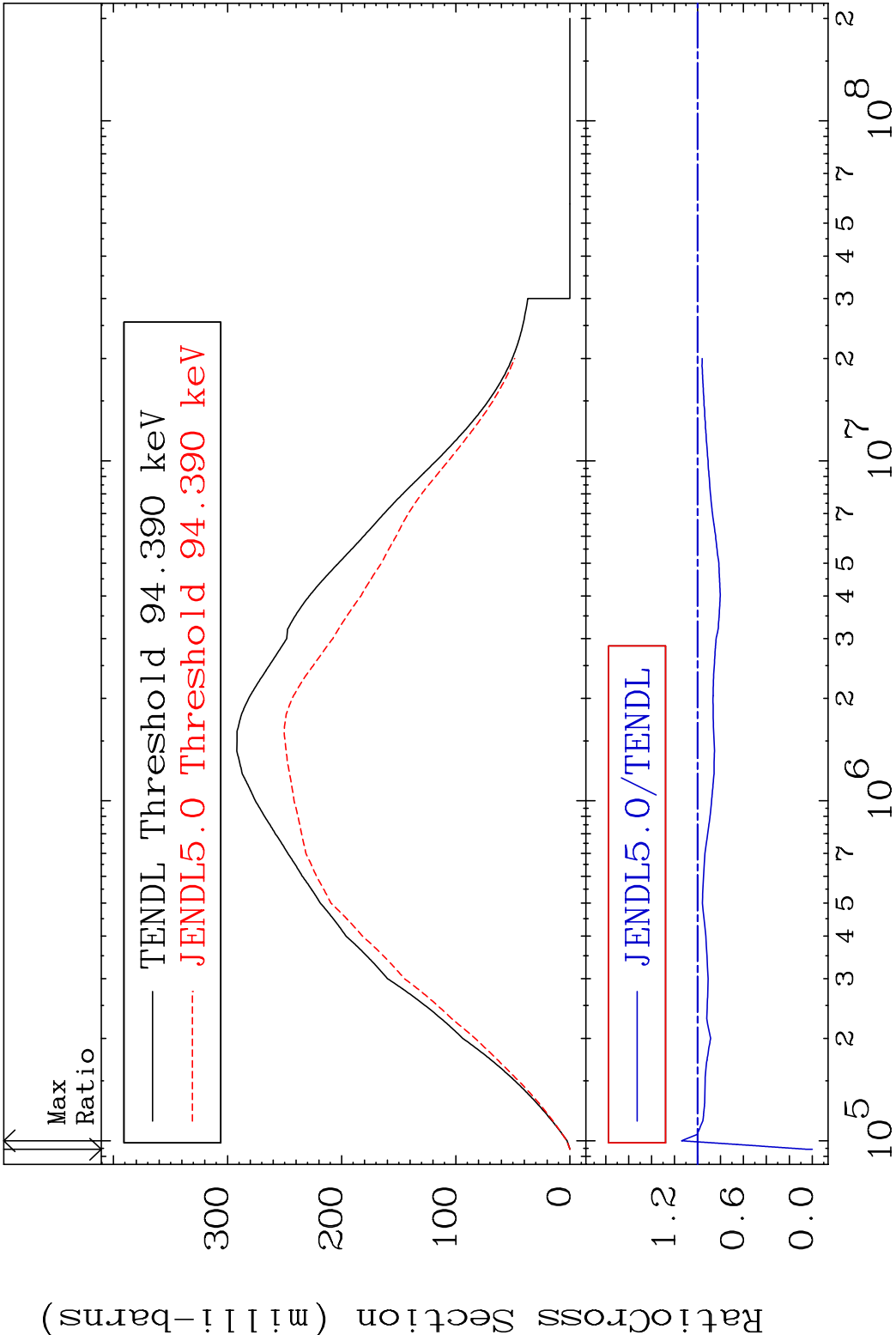
MAT 9634 MT= 51 (n,n') Level 96-Cm-243
Cross Section -100.0 To 96.79 %



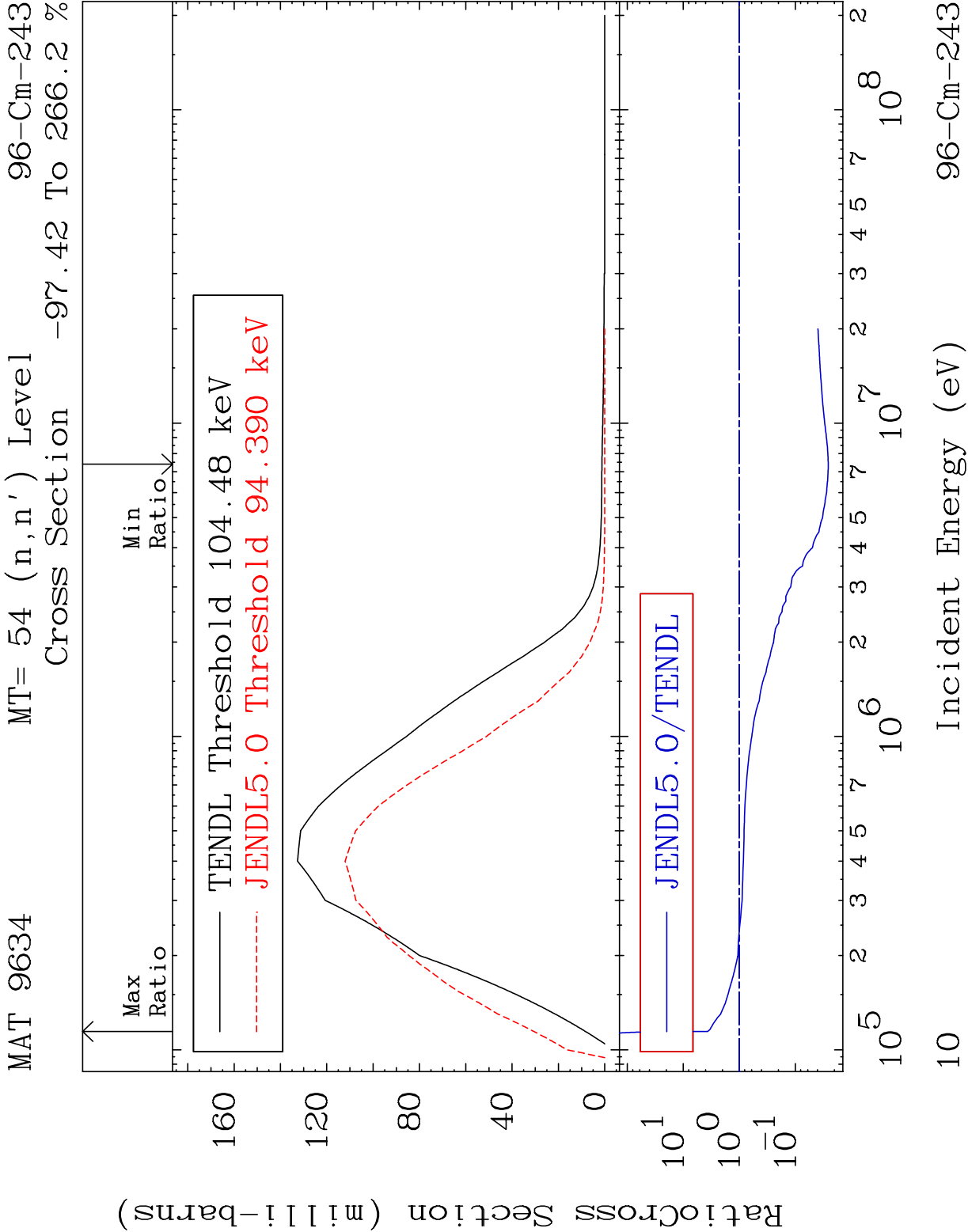
7 Incident Energy (eV) 96-Cm-243



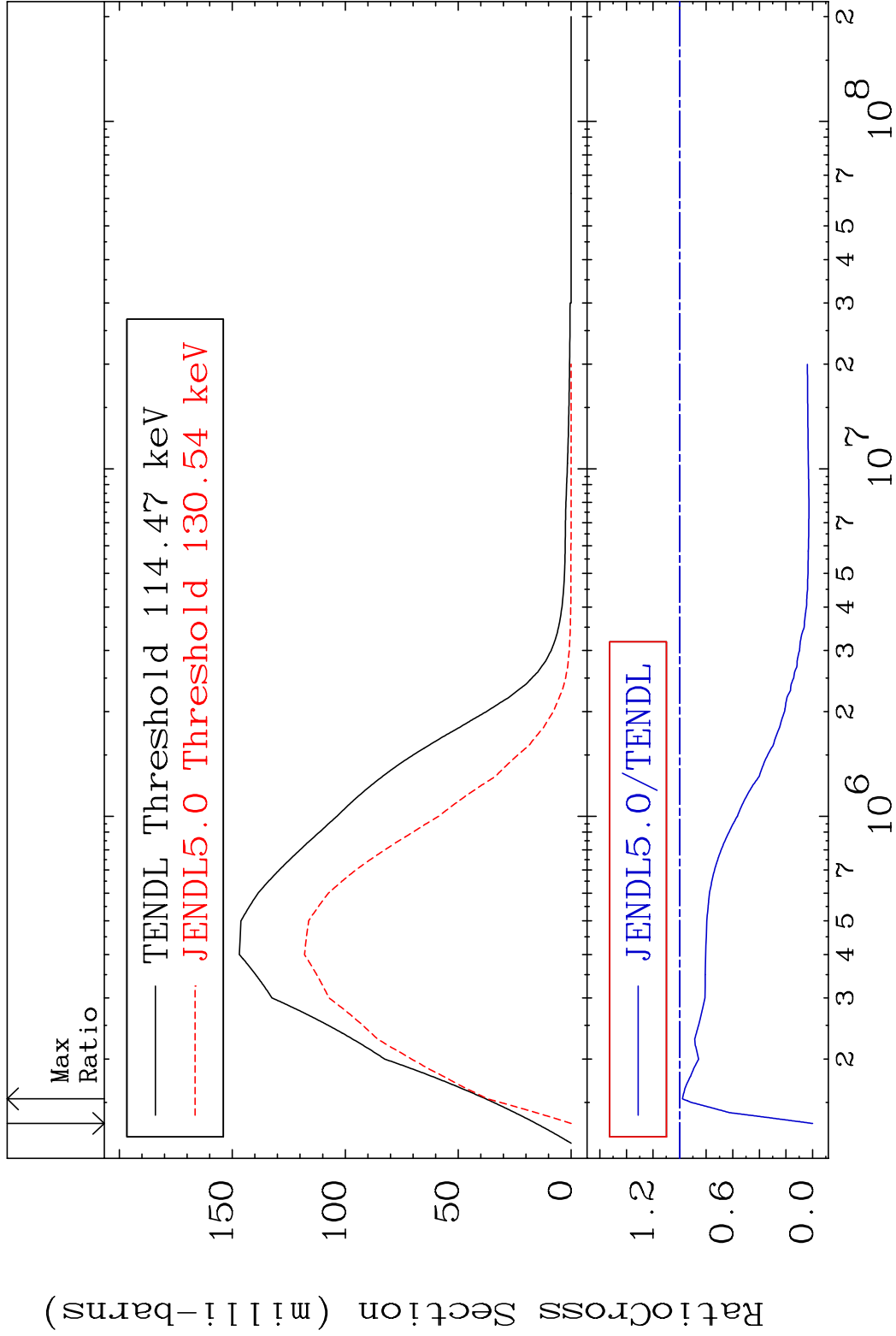
MAT 9634 MT= 53 (n,n') Level 96-Cm-243
 Cross Section -100.0 To 13.90 %



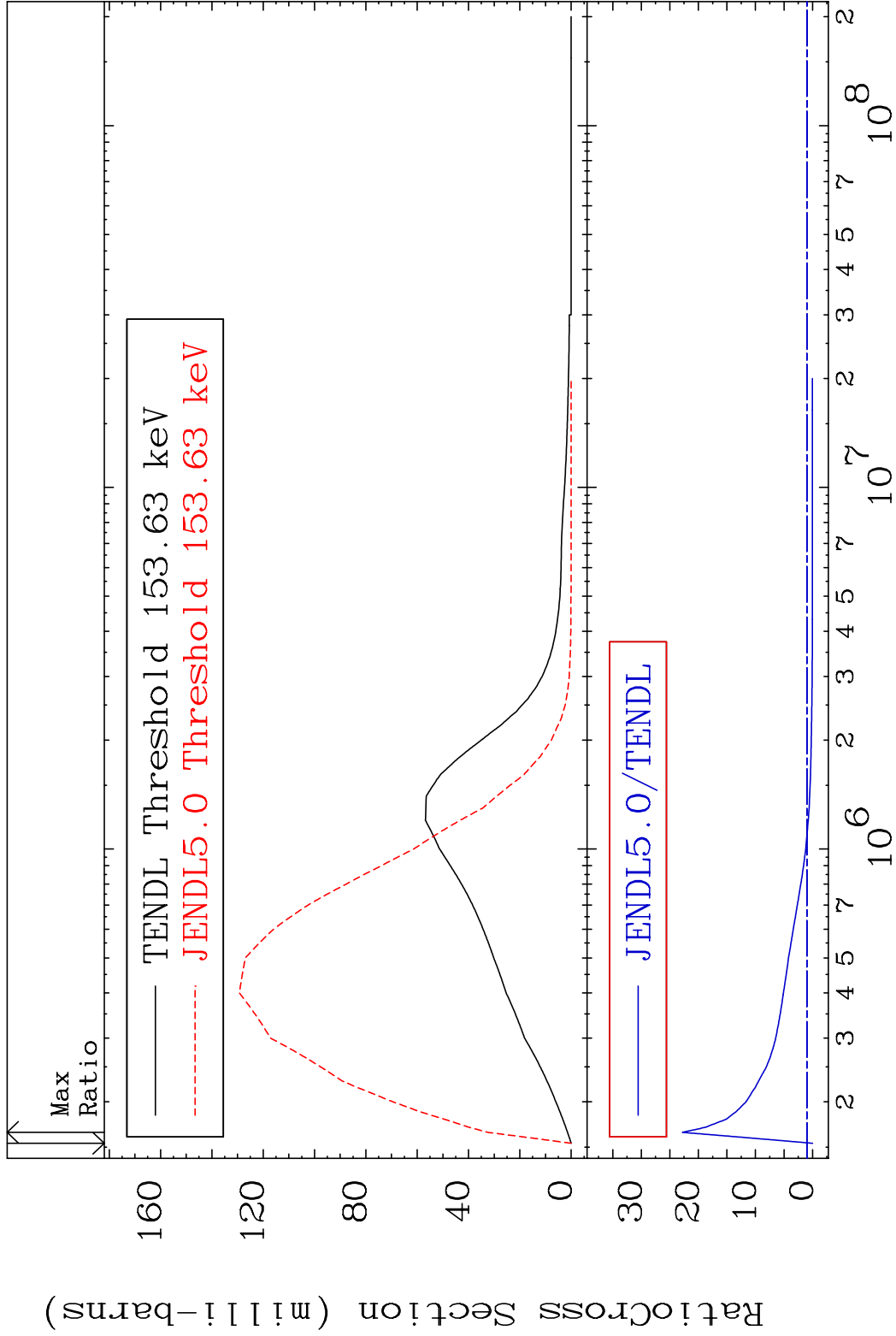
9 Incident Energy (eV) 96-Cm-243



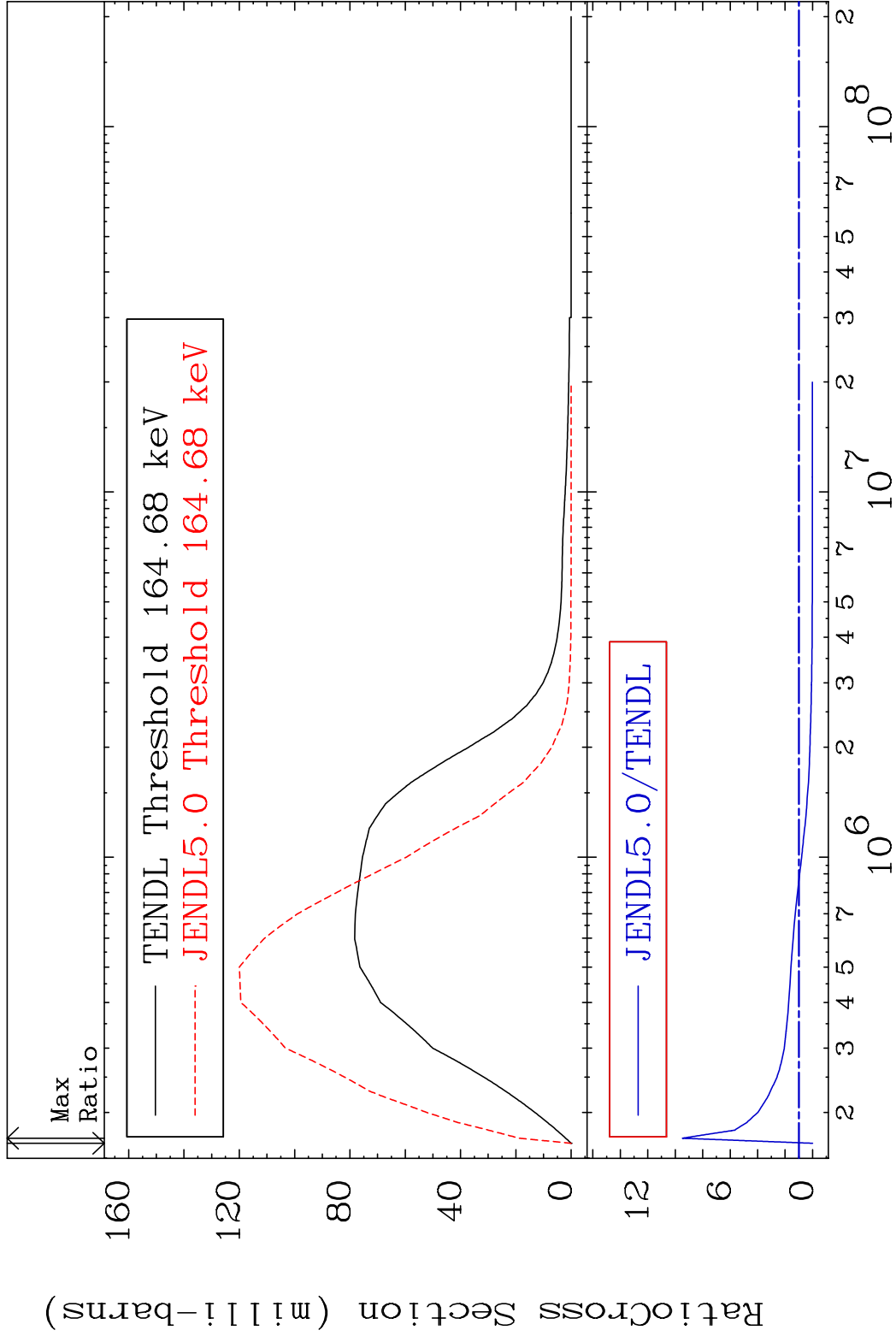
MAT 9634 MT= 55 (n,n') Level 96-Cm-243
Cross Section -100.0 To -2.077%

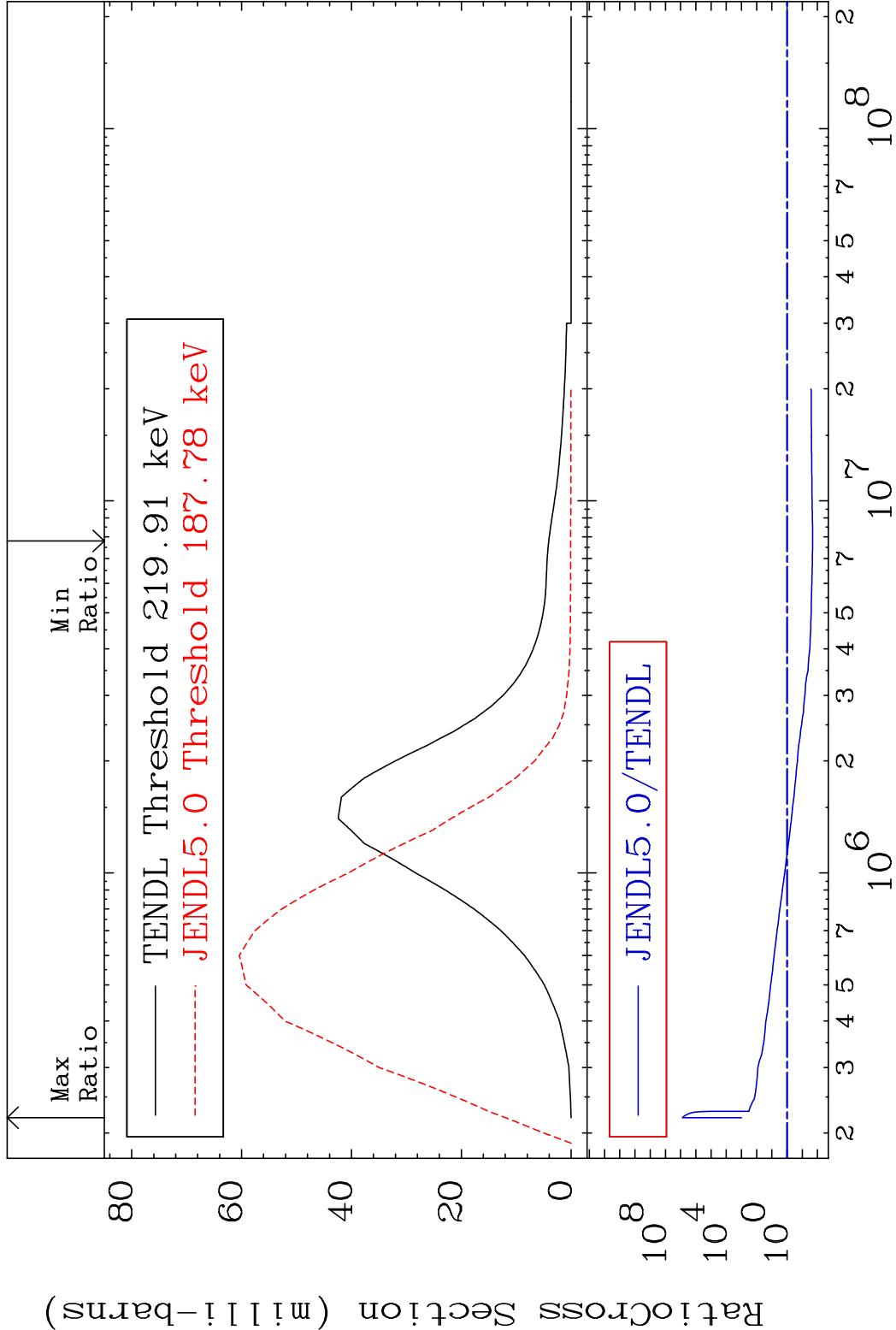


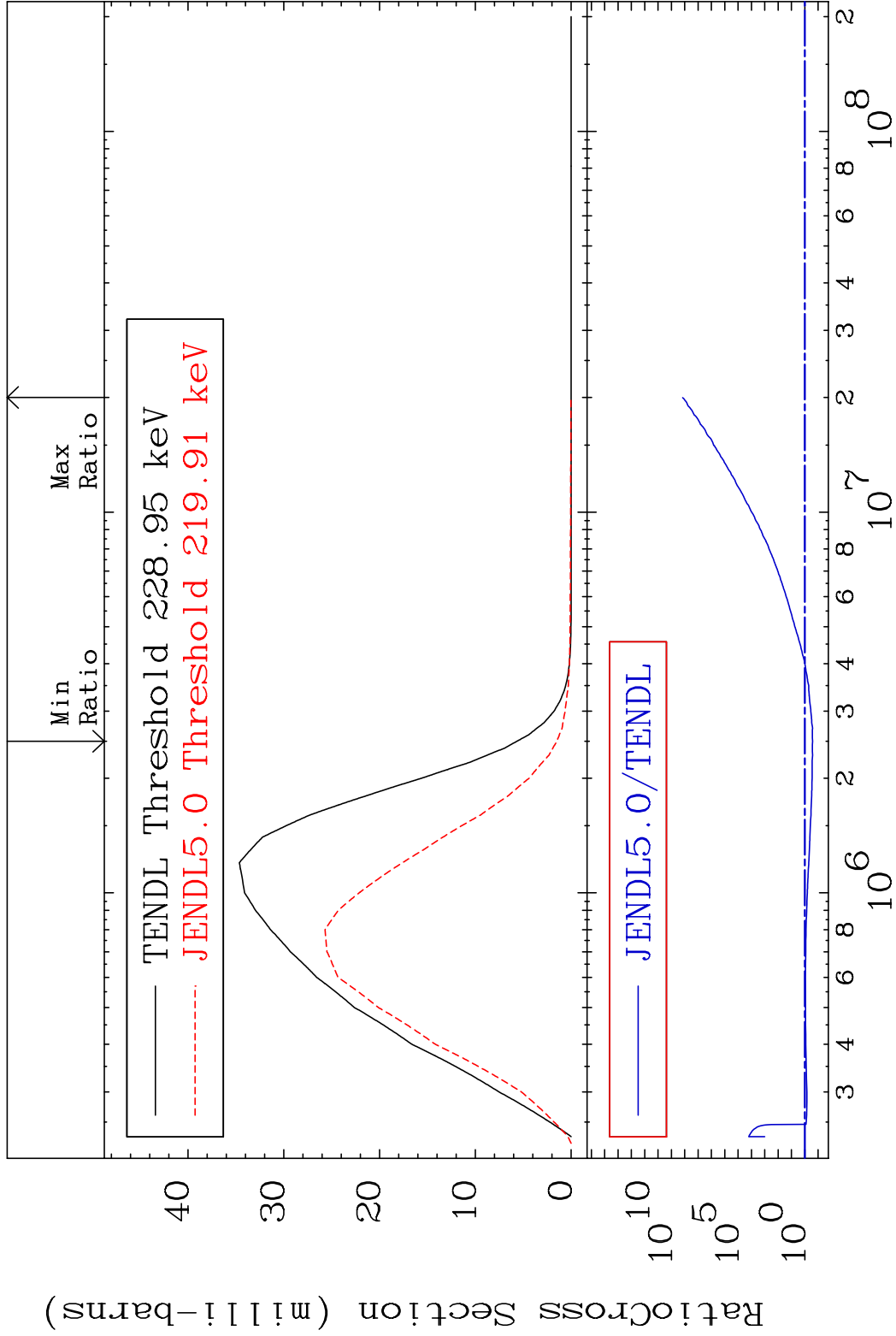
MAT 9634 MT= 56 (n,n') Level 96-Cm-243
Cross Section -100.0 To 2180. %

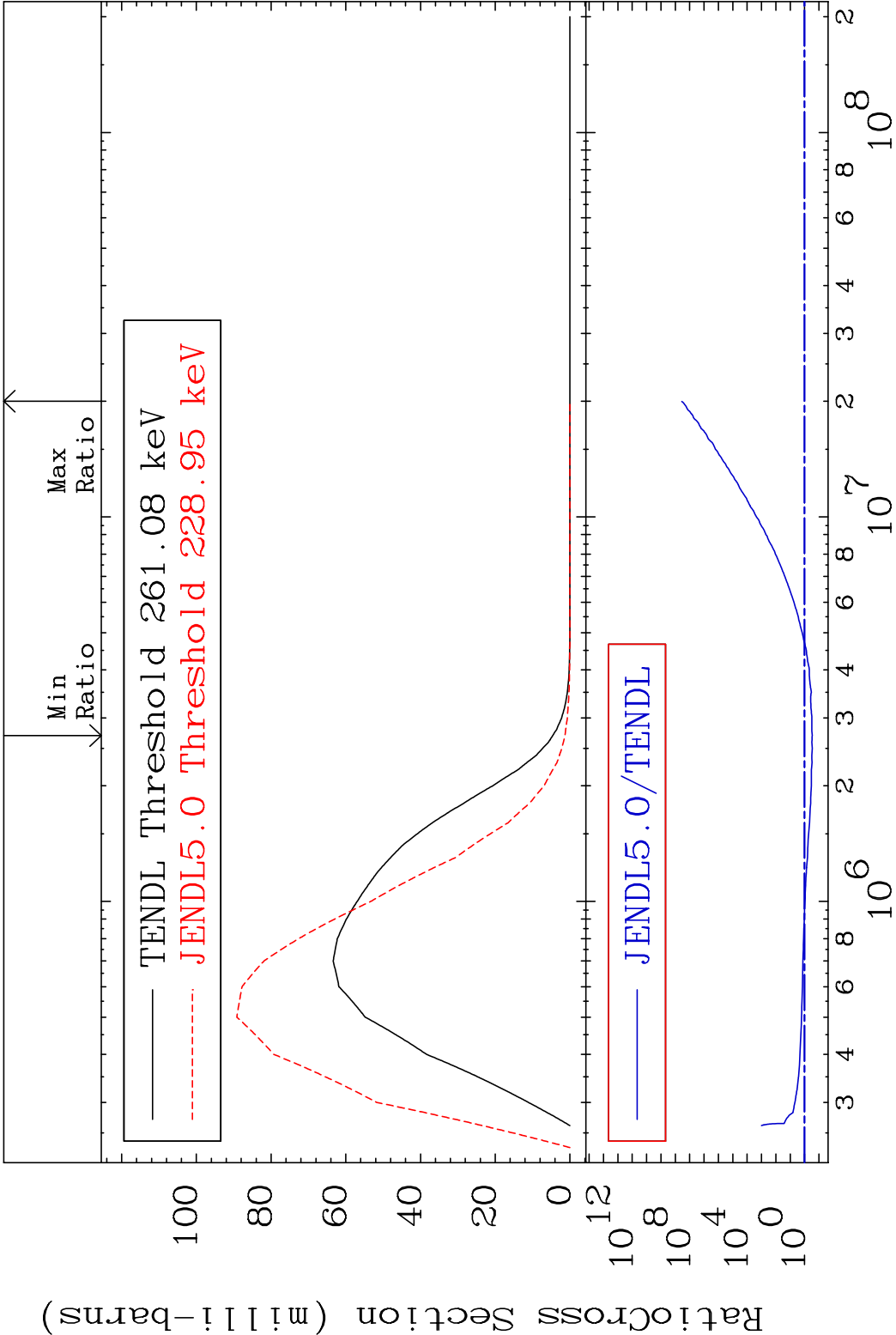


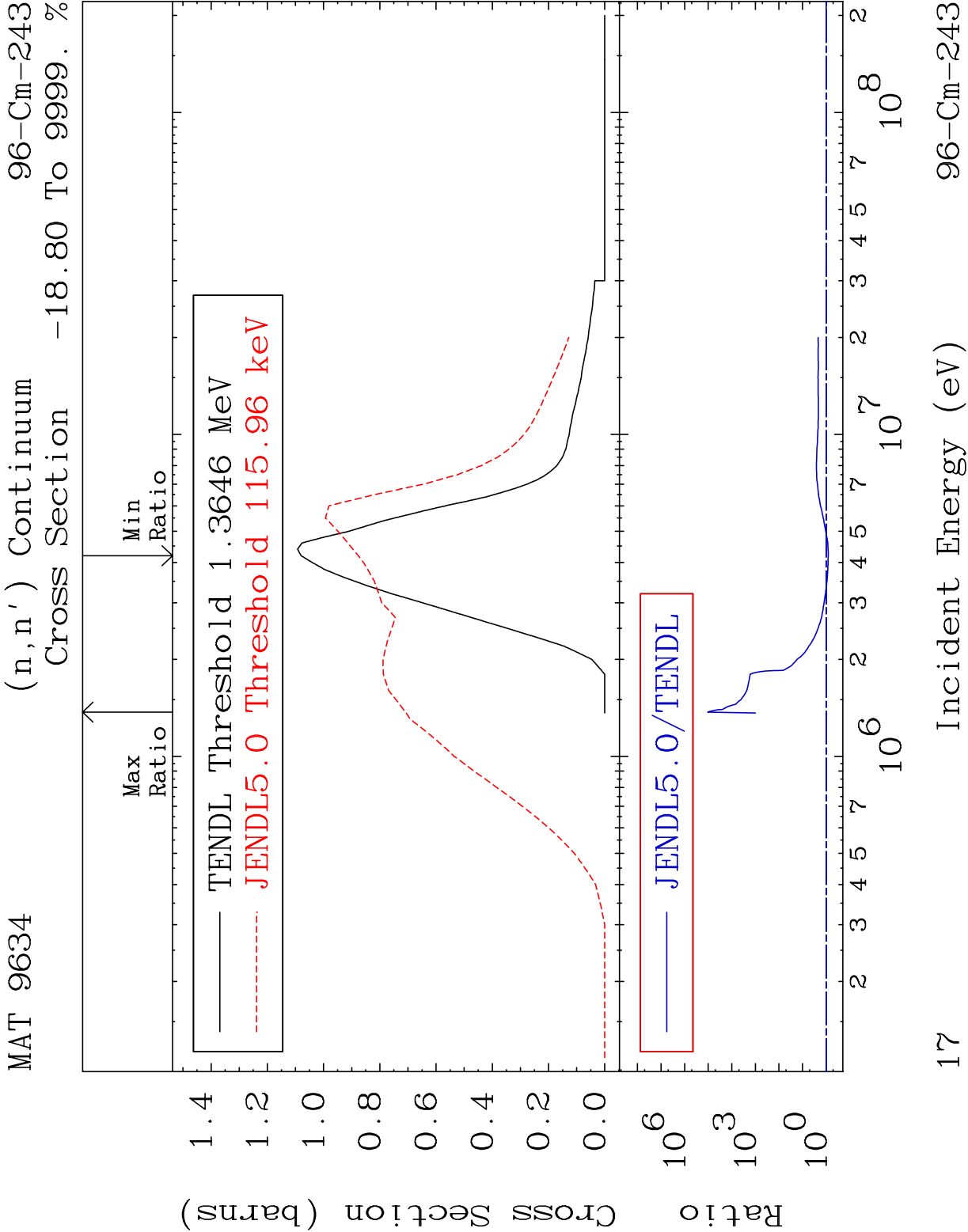
MAT 9634 MT= 57 (n,n') Level 96-Cm-243
Cross Section -100.0 To 848.3 %

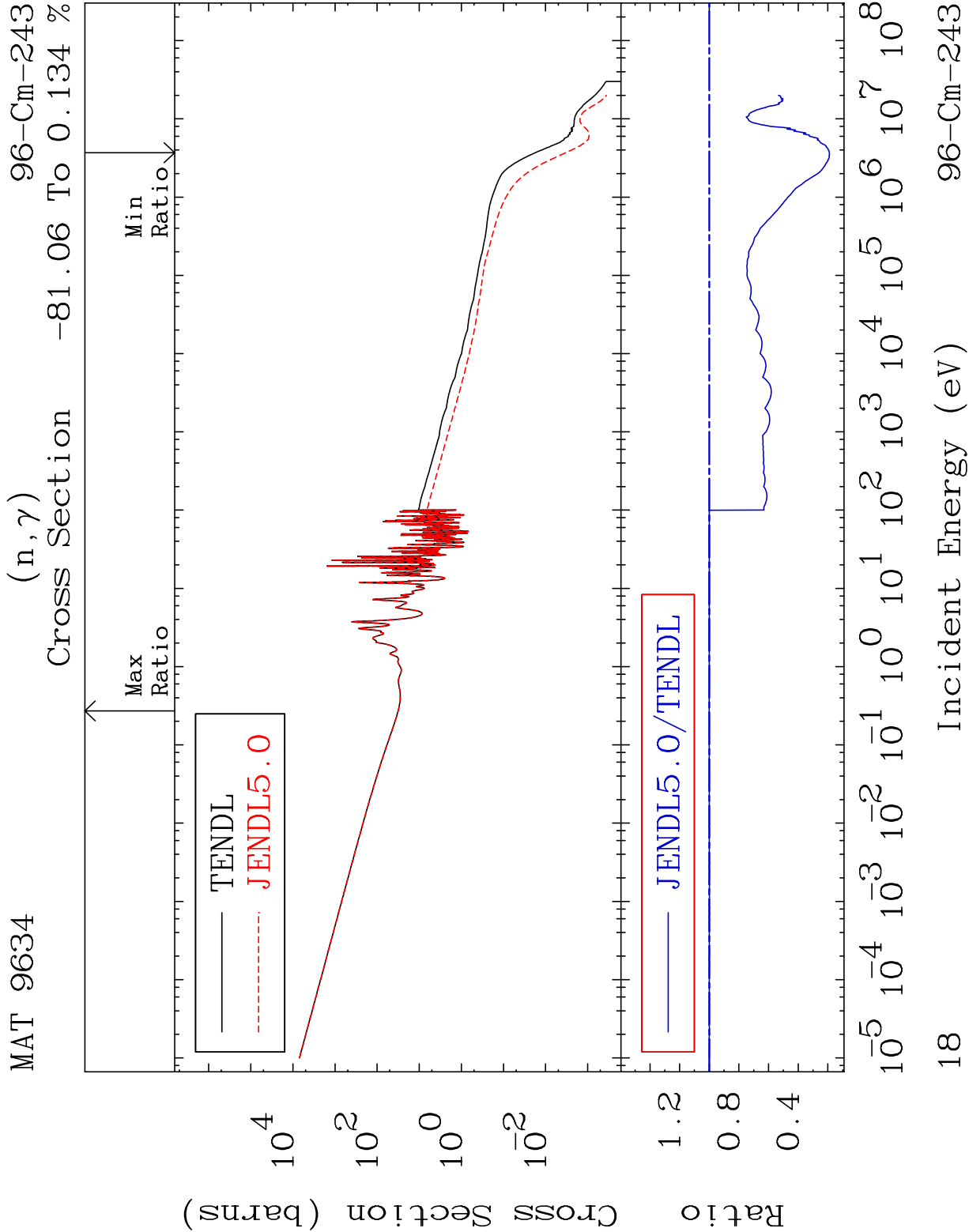


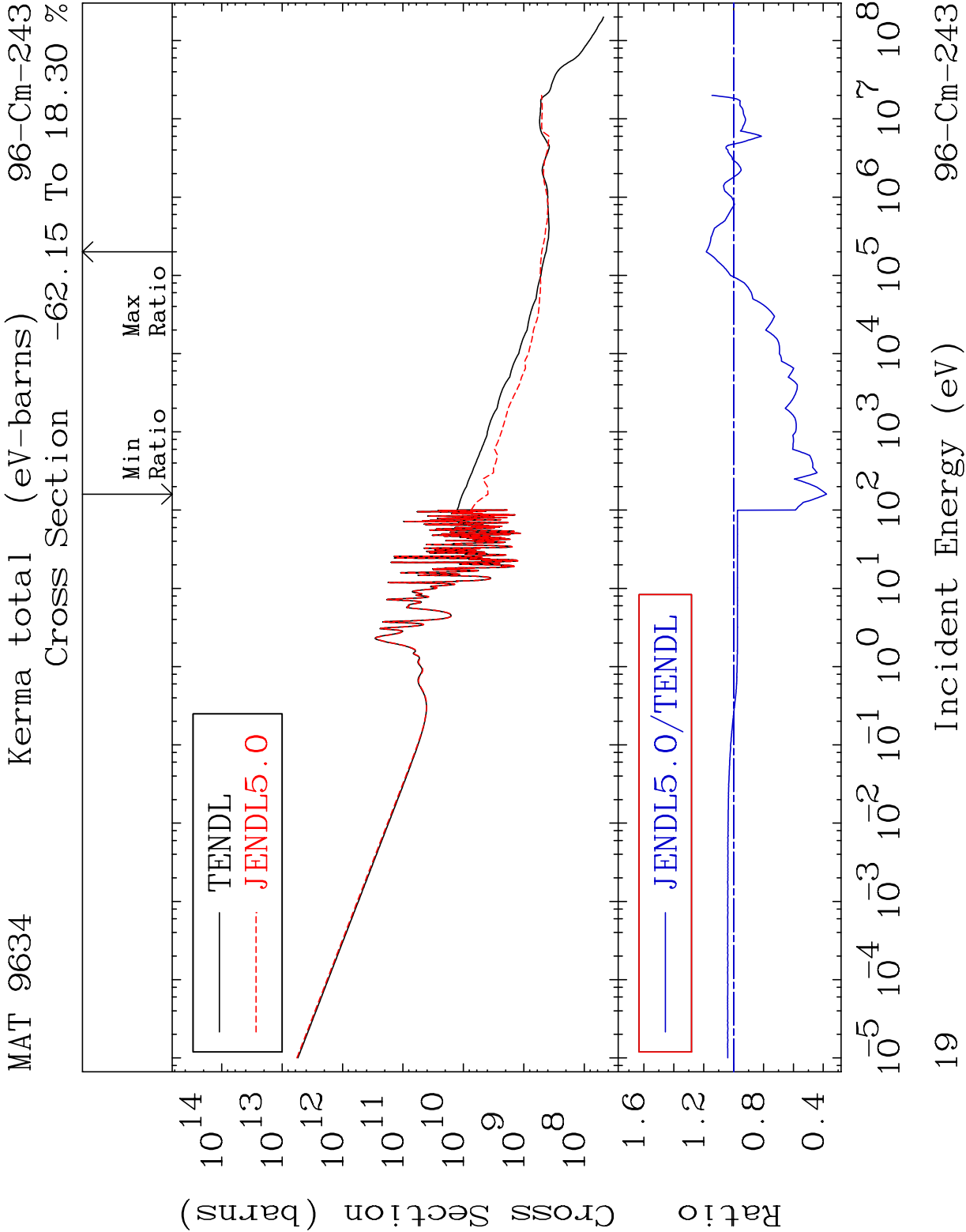


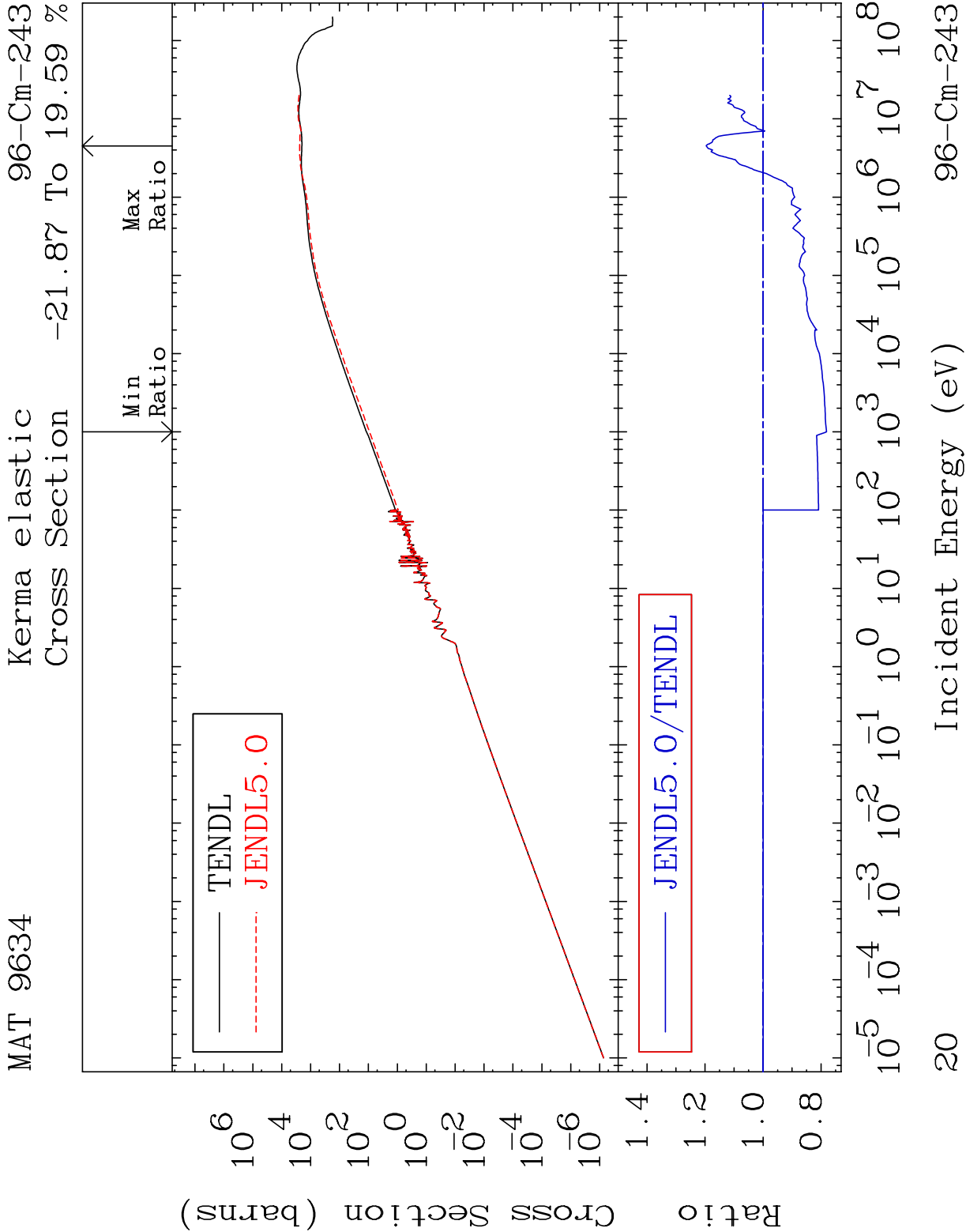




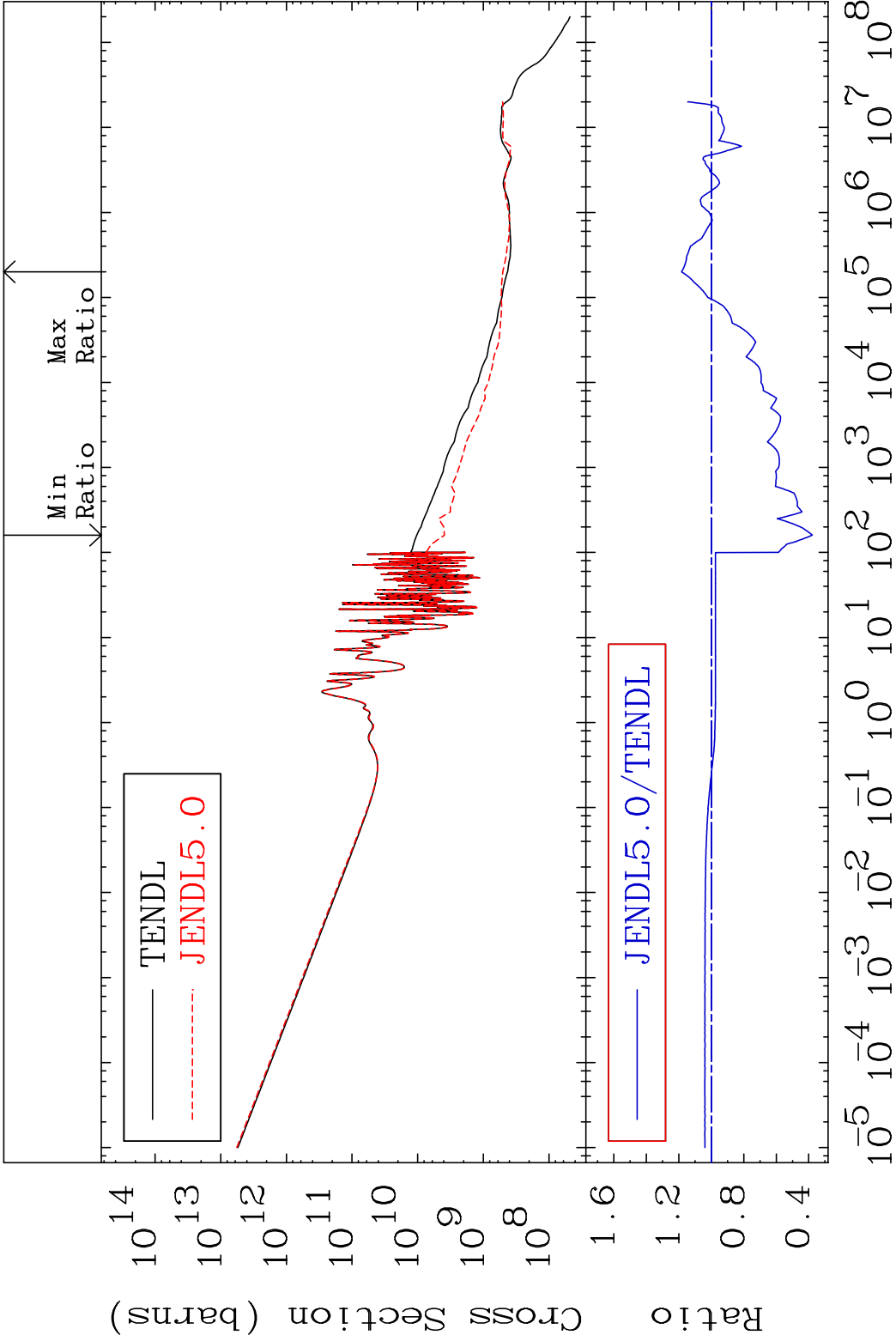




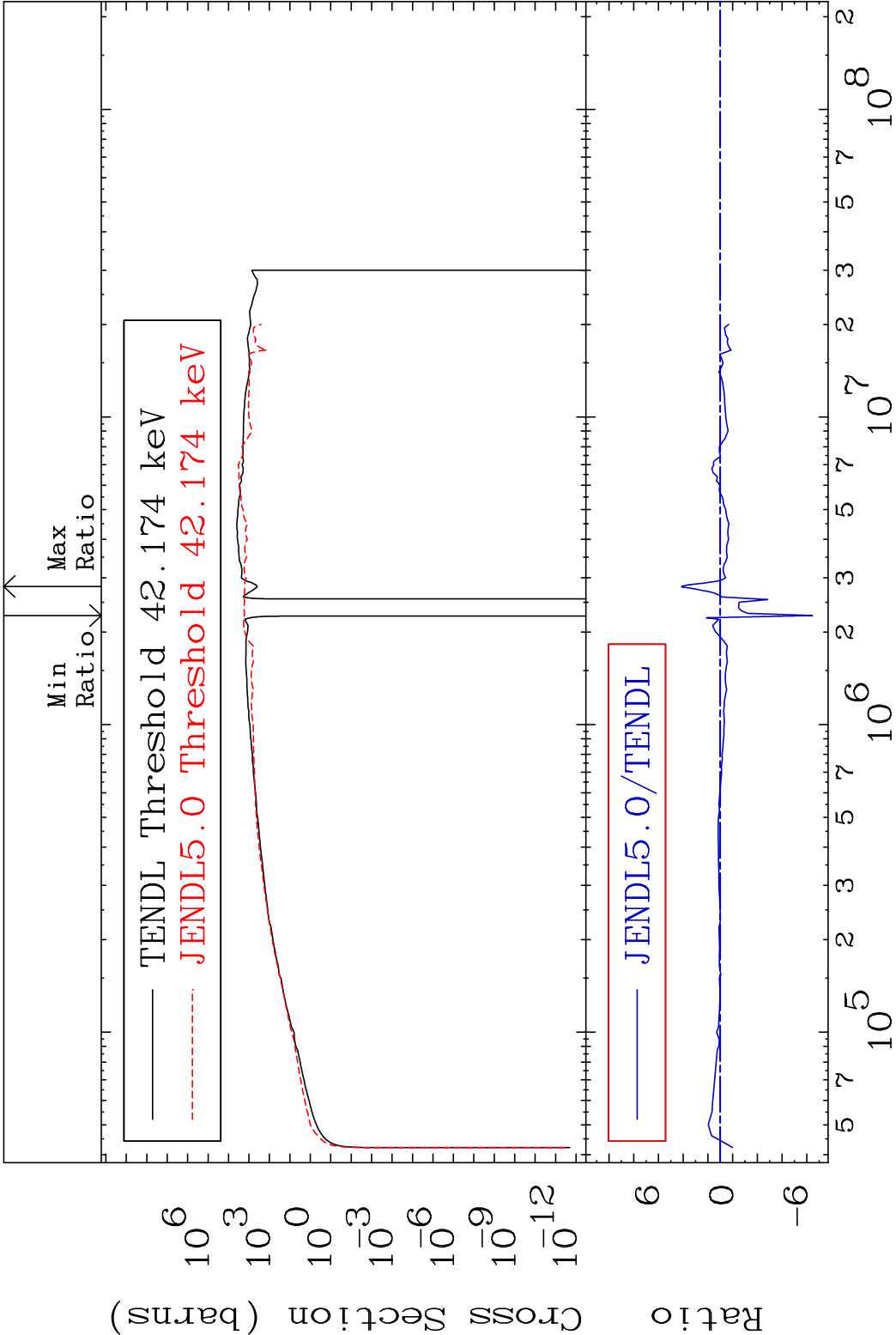




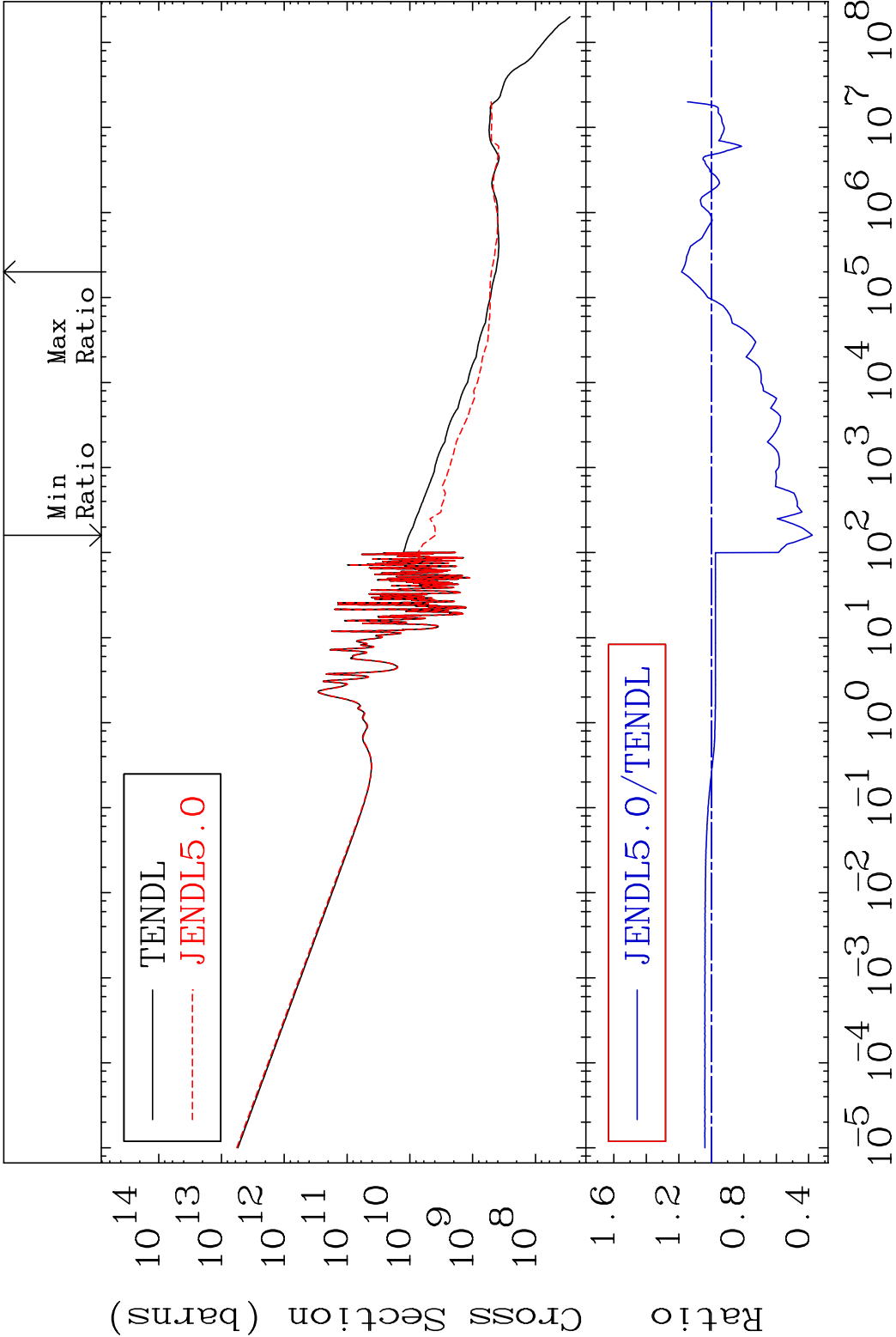
MAT 9634 Kerma non-elastic (all but mt2) 96-Cm-243
Cross Section -62.15 To 18.30 %



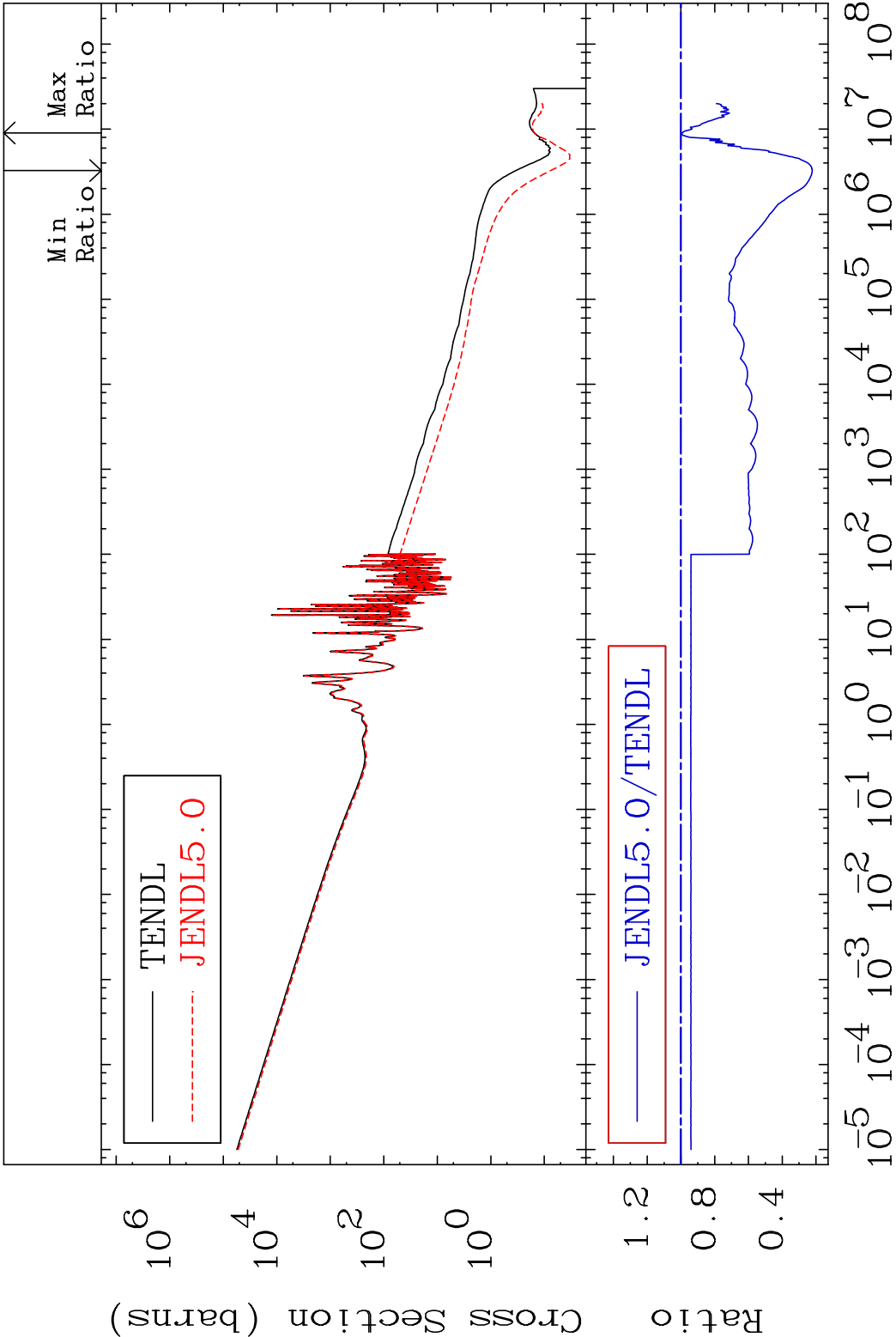
21 Incident Energy (eV) 96-Cm-243

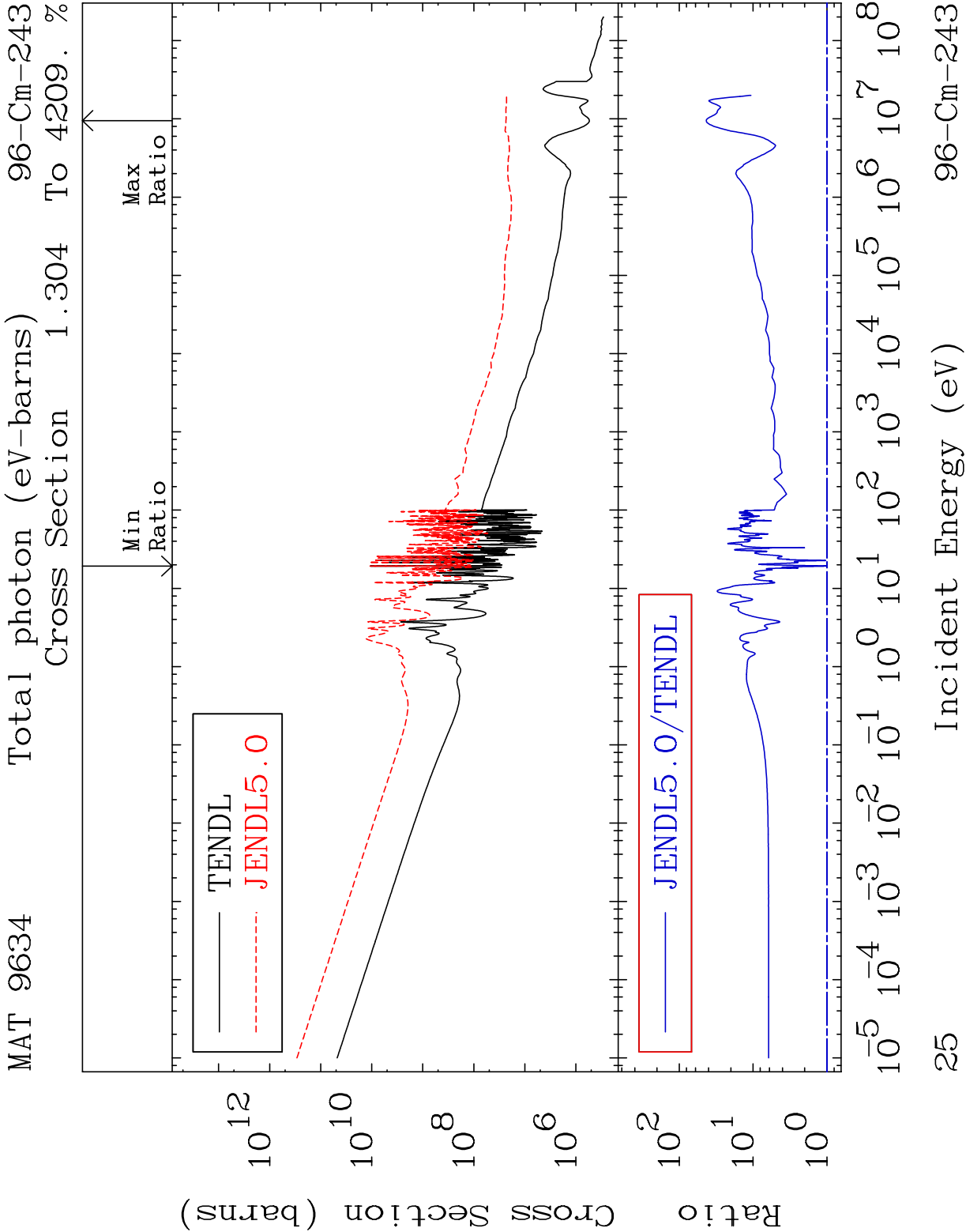


MAT 9634 Kerma fission (mt18 or mt19-20-21-38) 96-Cm-243
Cross Section -62.15 To 18.30 %

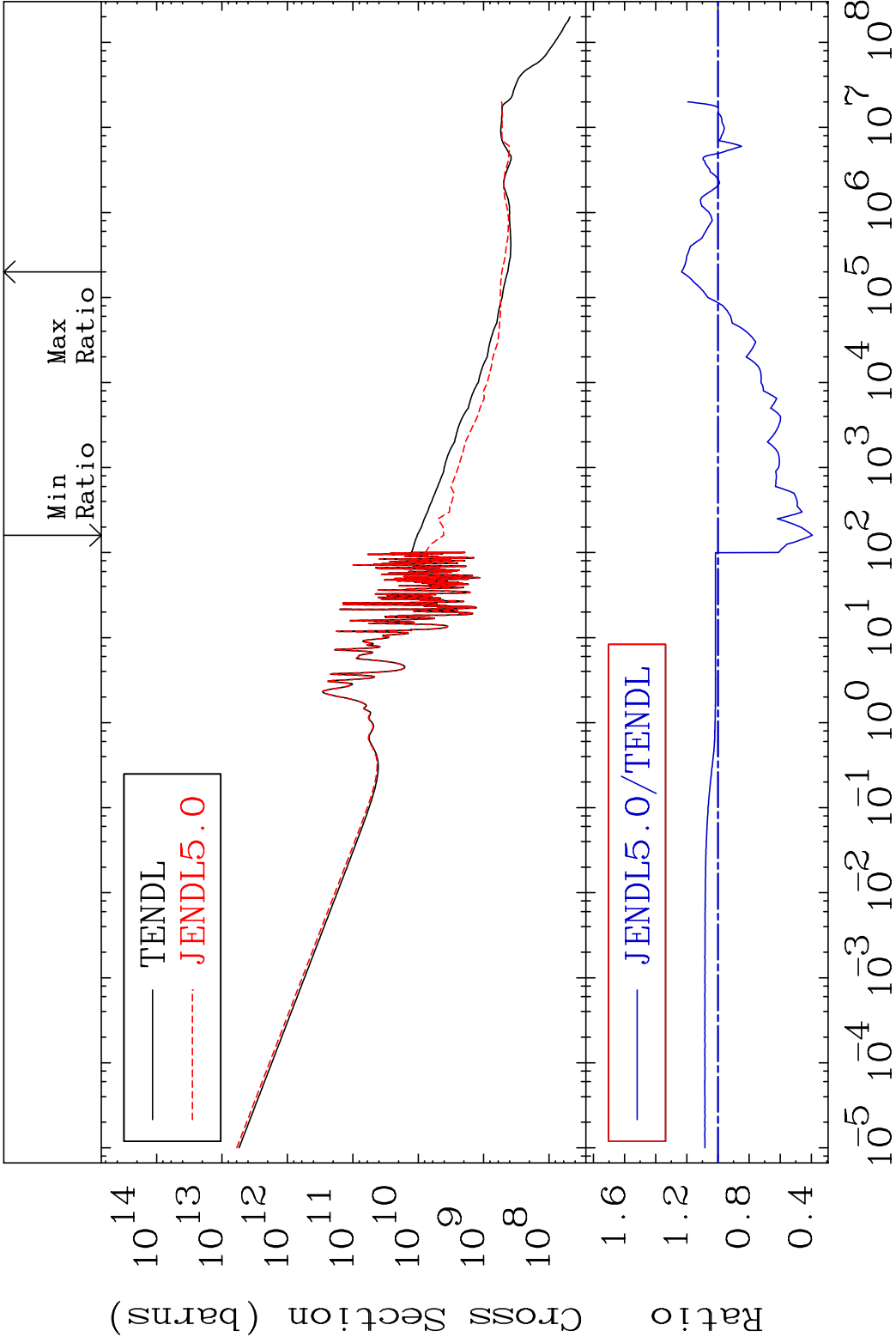


MAT 9634 Kerma capture (mt102) 96-Cm-243
 Cross Section -77.80 To -0.344%

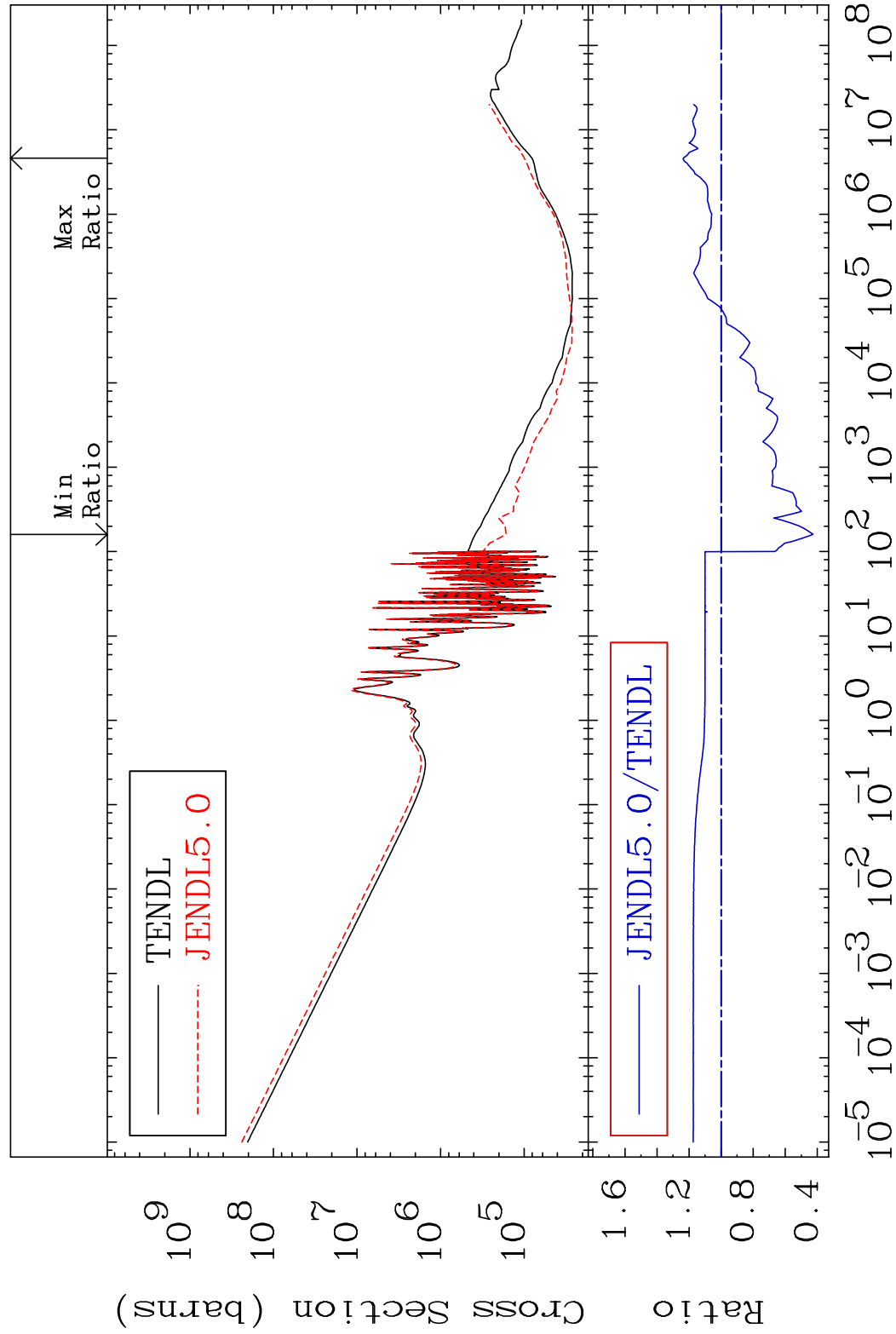




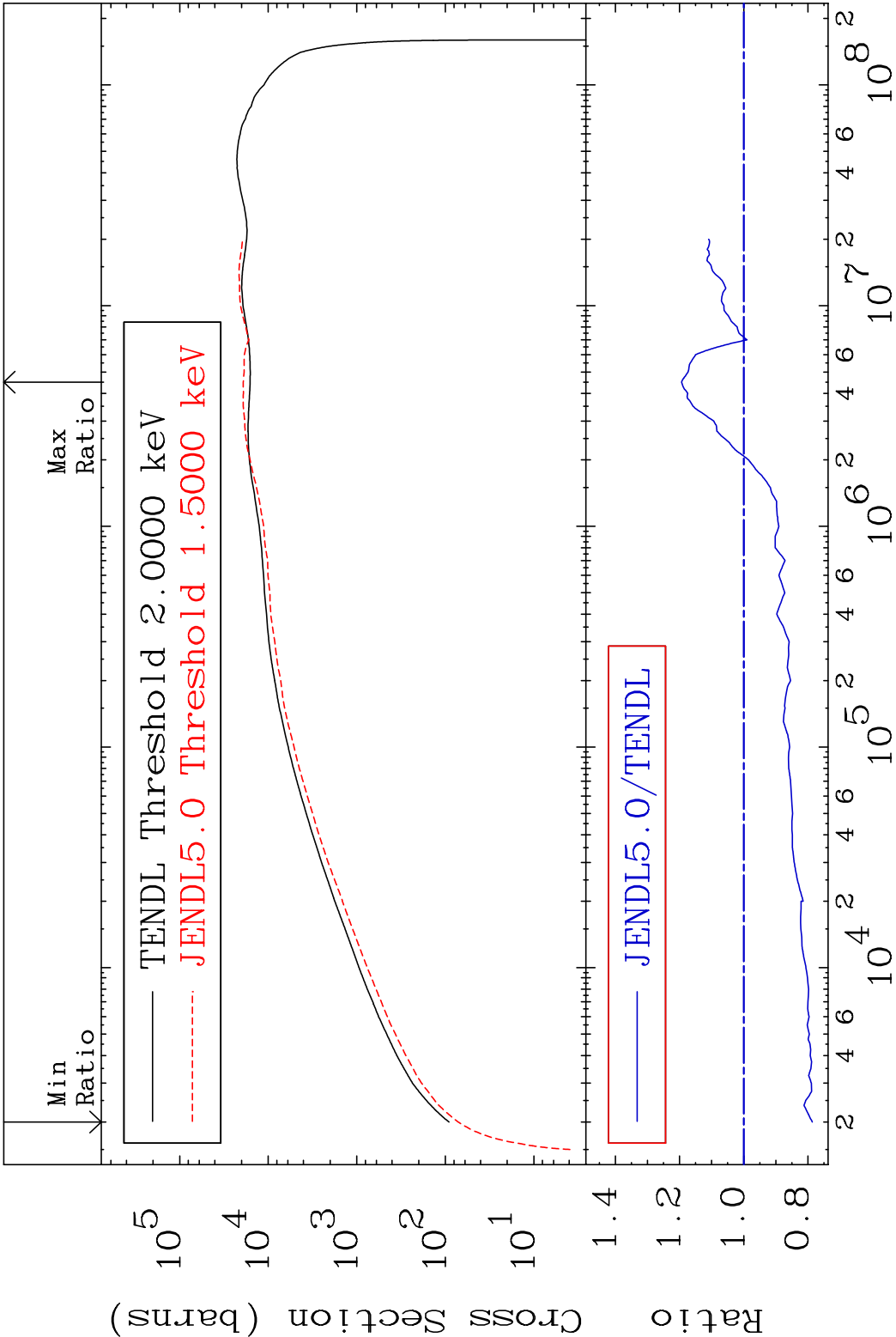
MAT 9634 Total kinematic kerma (high limit) 96-Cm-243
Cross Section -60.53 To 23.39 %

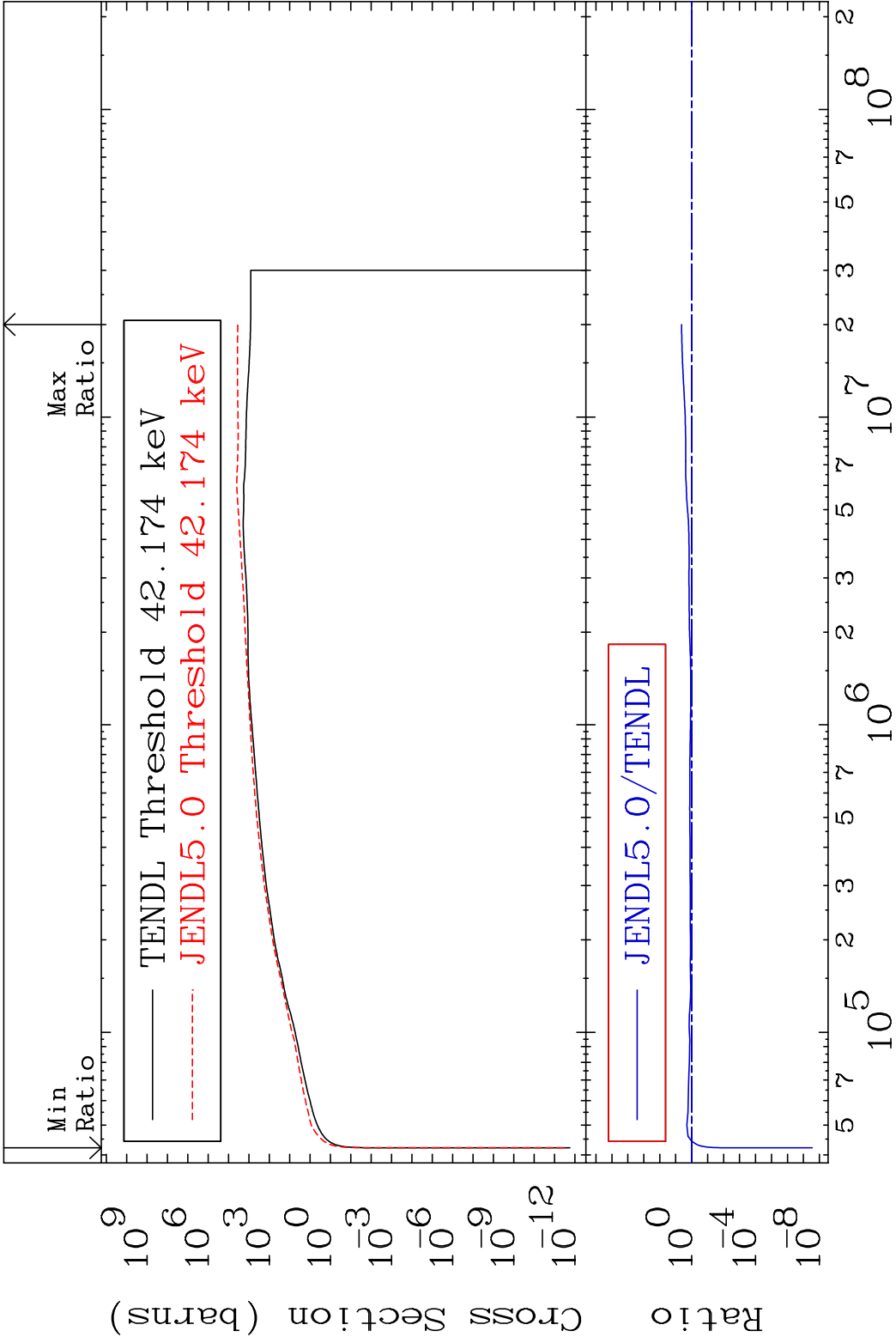


MAT 9634 Dpa total (eV-barns) 96-Cm-243
Cross Section -57.25 To 23.68 %

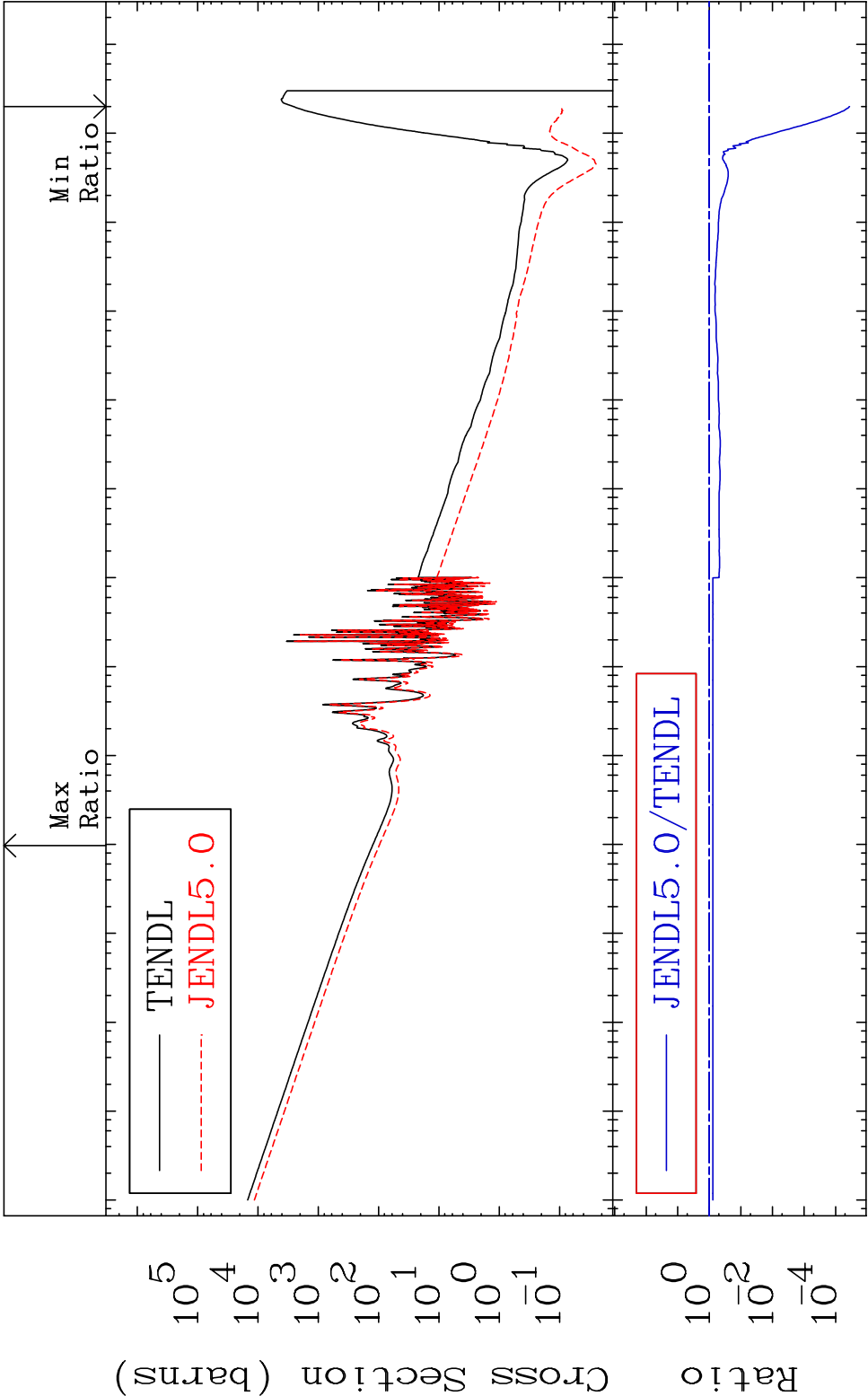


27 Incident Energy (eV) 96-Cm-243





MAT 9634 Dpa disappearance (mt102 -120) 96-Cm-243
Cross Section -100.0 To -22.40%



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

30 Incident Energy (eV) 96-Cm-243

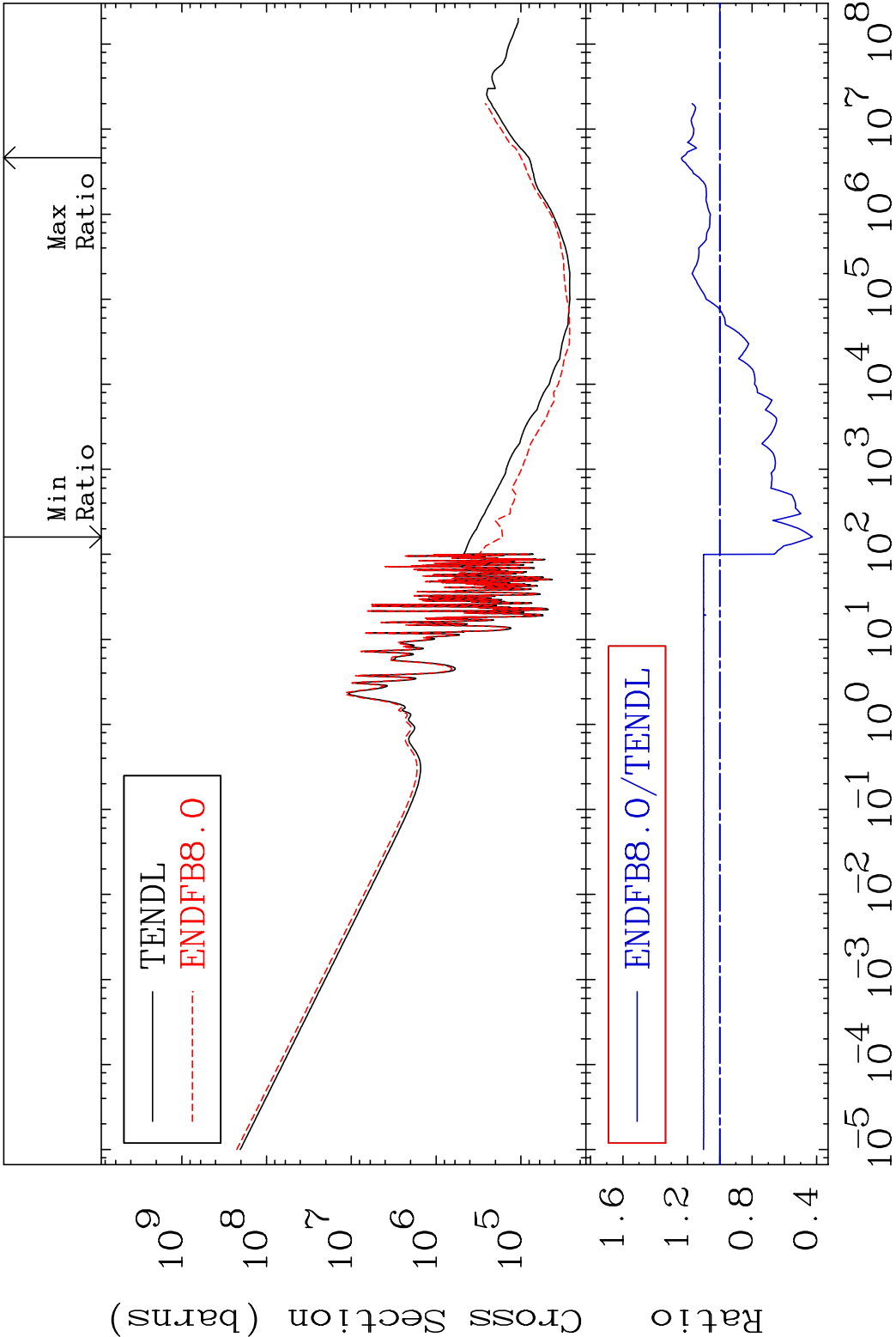
MAT 9634

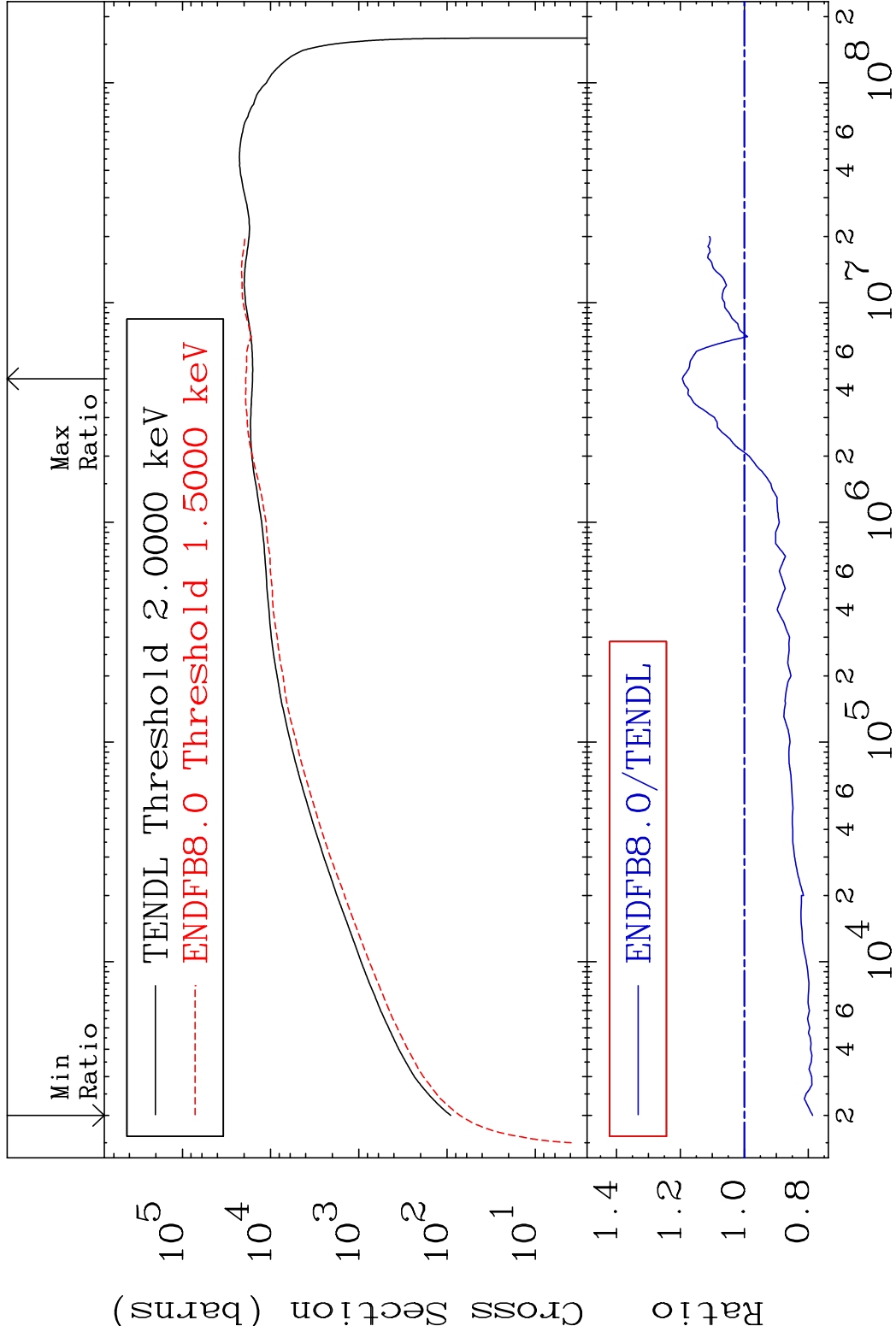
Dpa total (eV-barns)

96-Cm-243

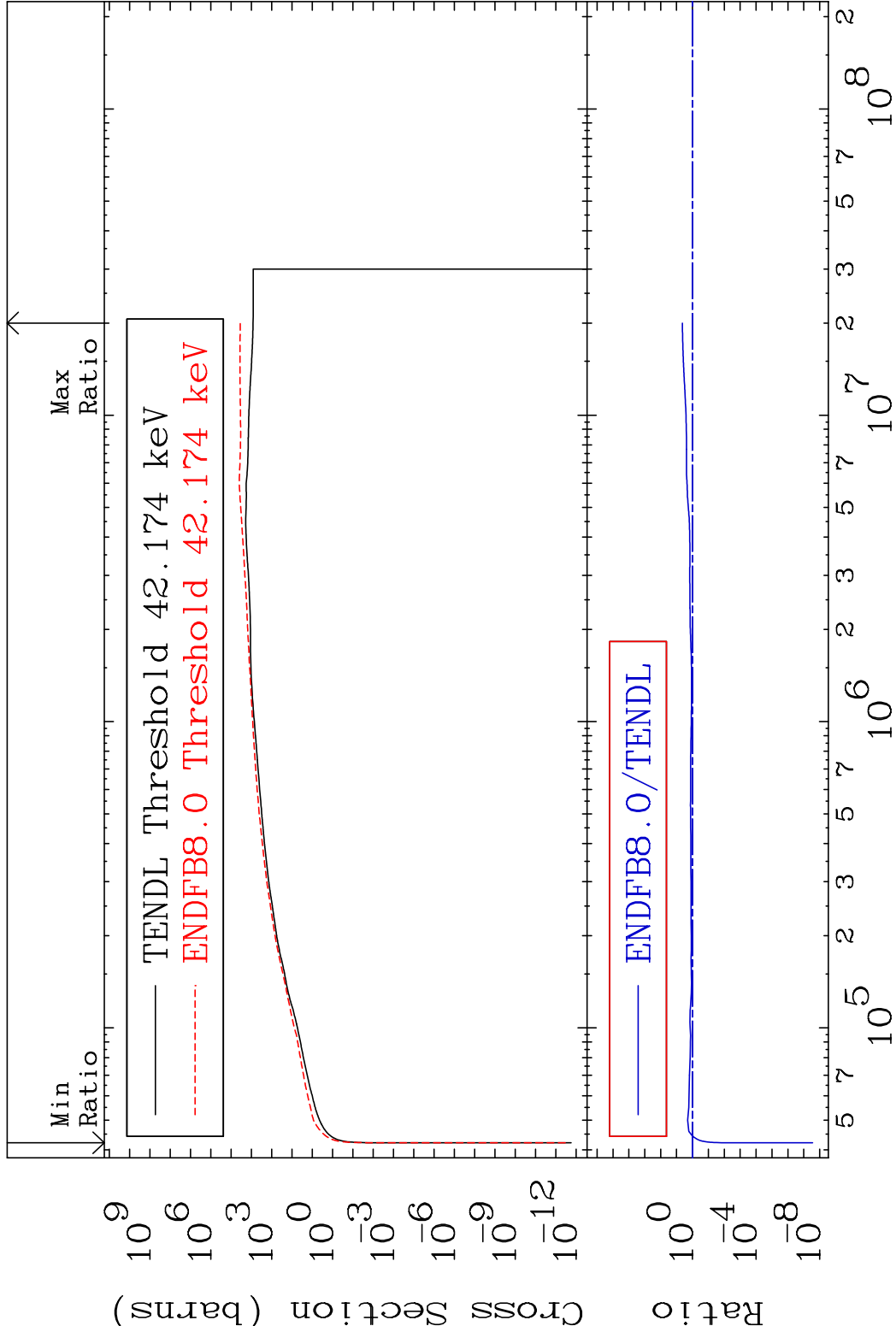
Cross Section

-57.25 To 23.68 %

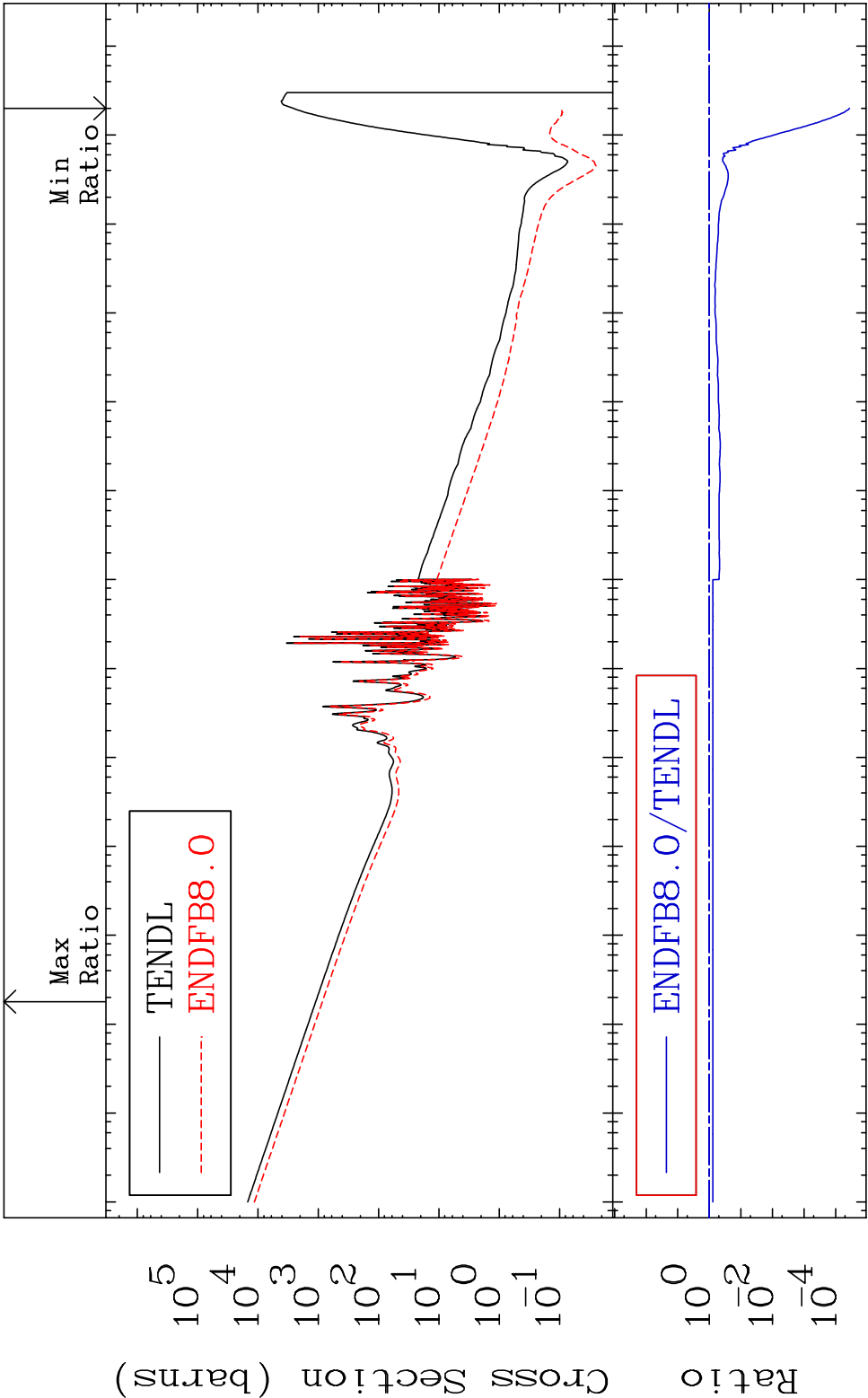




MAT 9634 Dpa inelastic (mt51-91) 96-Cm-243
Cross Section -100.0 To 332.5 %



MAT 9634 Dpa disappearance (mt102 -120) 96-Cm-243
Cross Section -100.0 To -22.40%



34 Incident Energy (eV) 96-Cm-243