

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

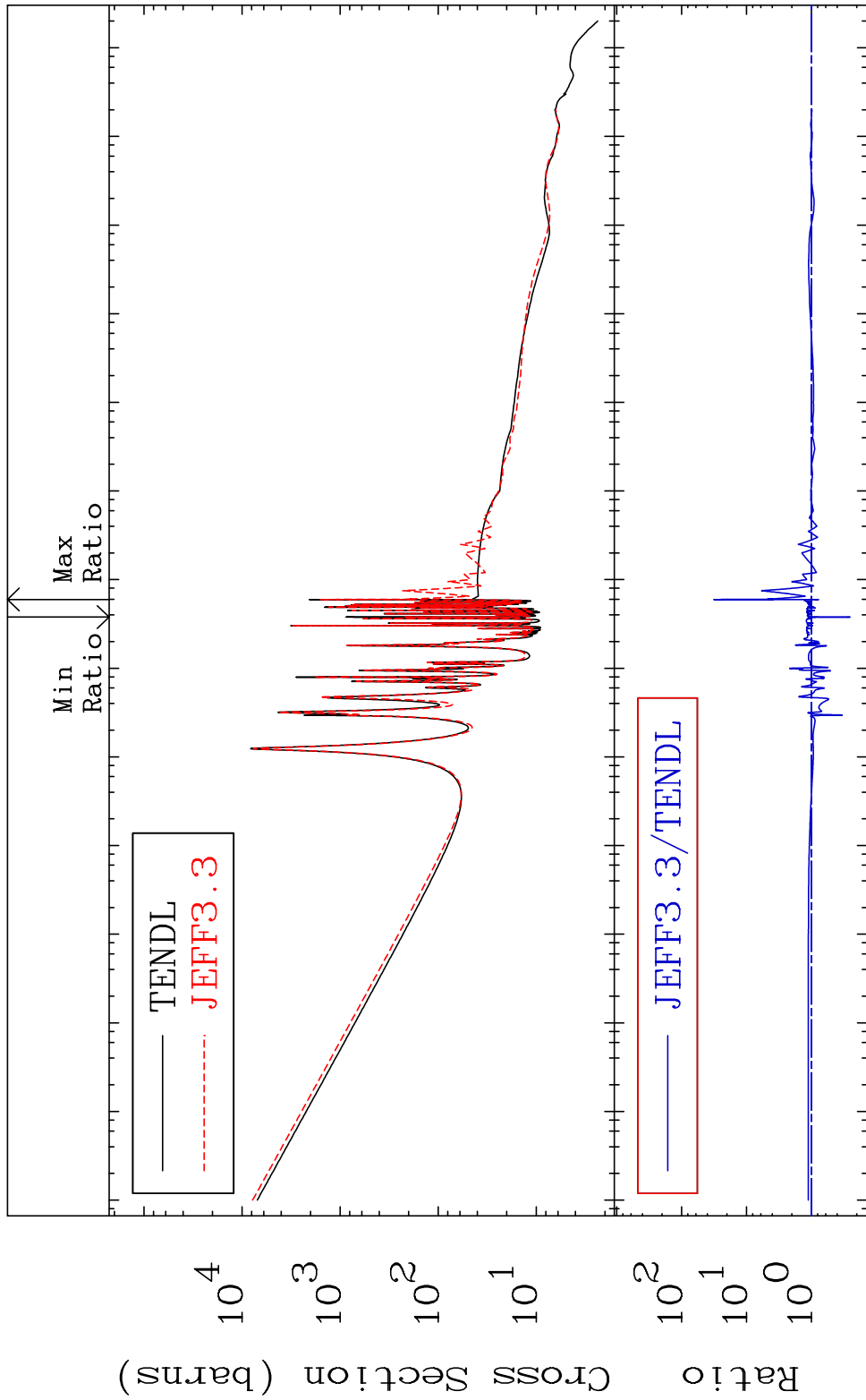
Press Mouse Button to Start

MAT 9646

Total

96-Cm-247

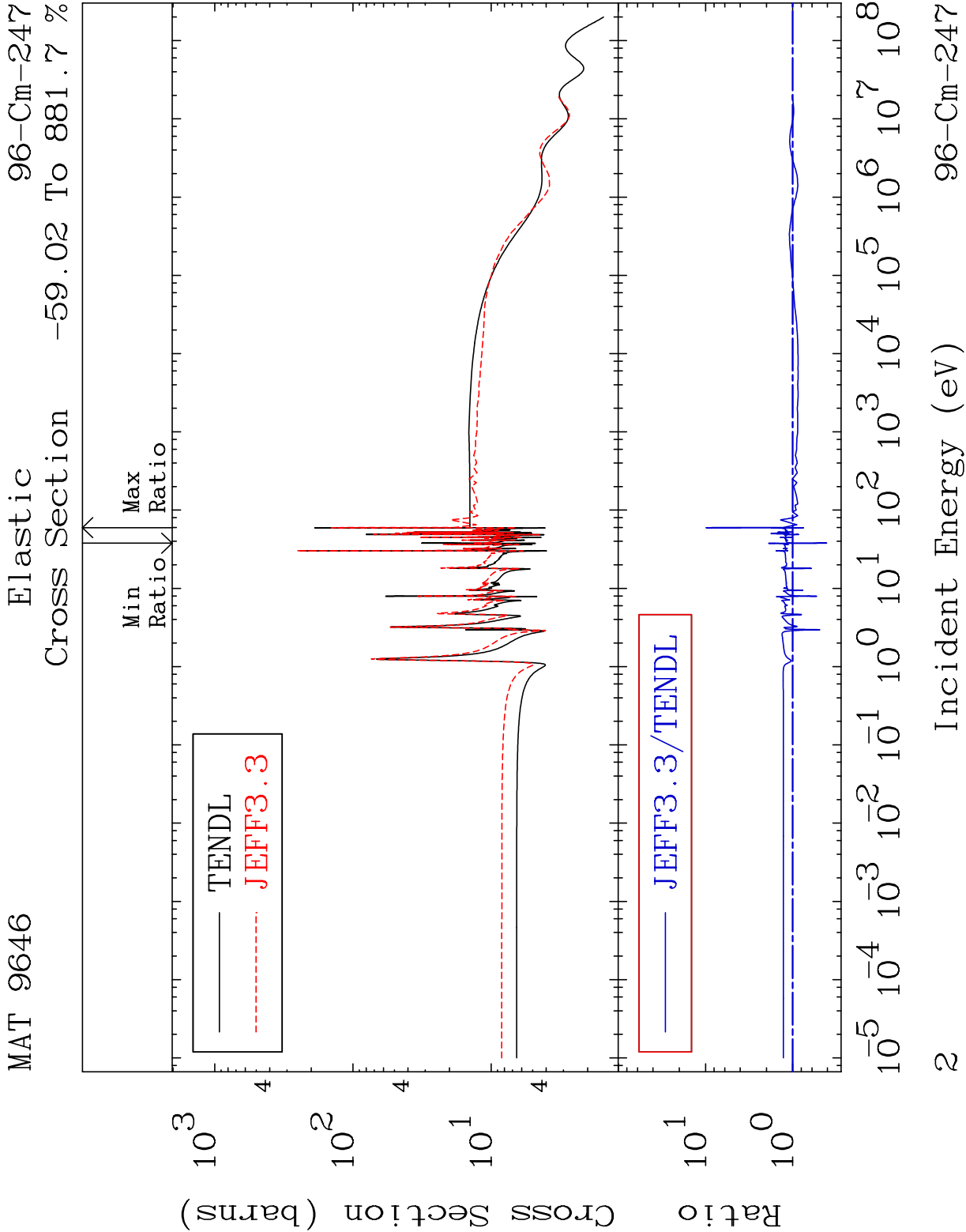
Cross Section -74.77 To 3064. %

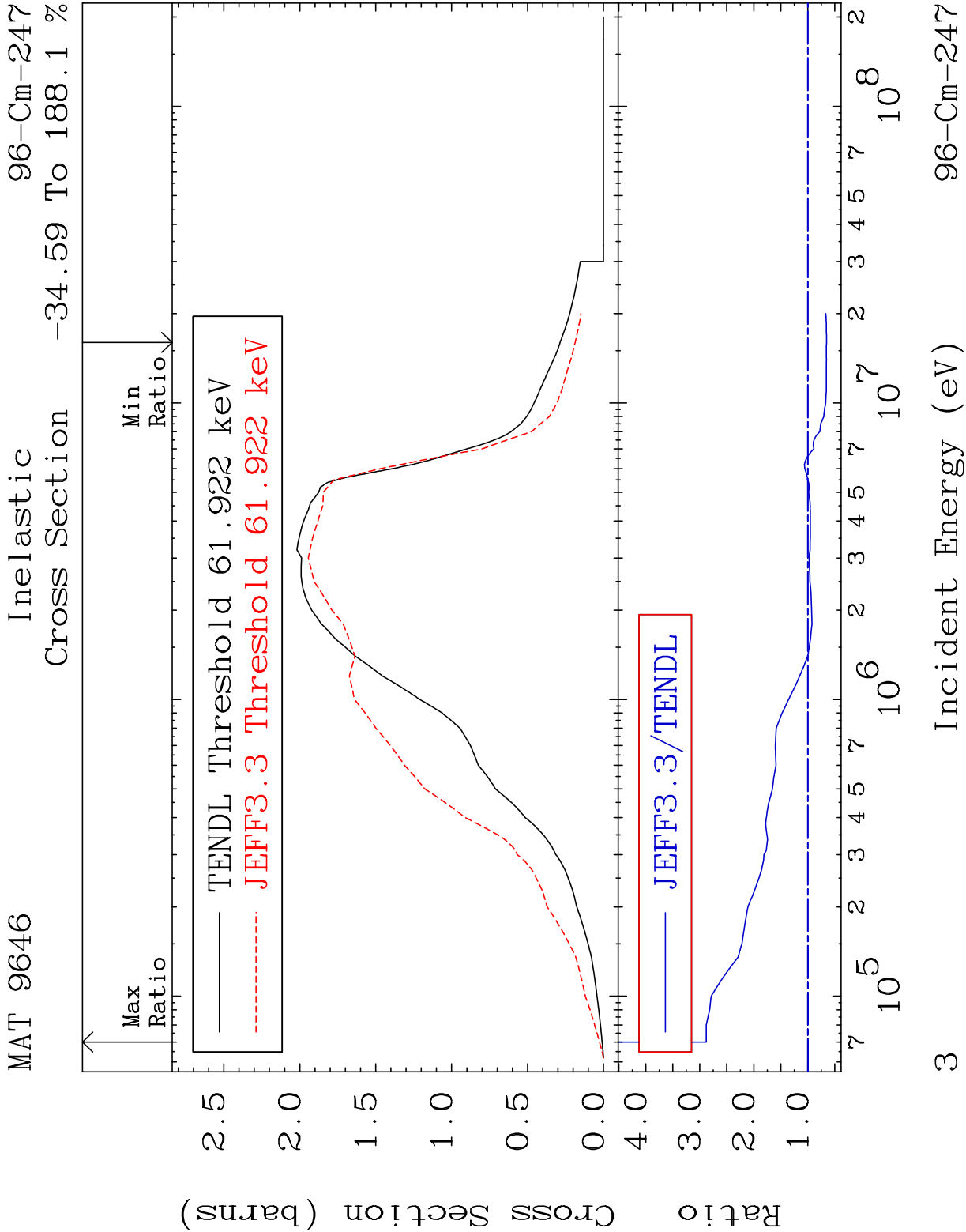


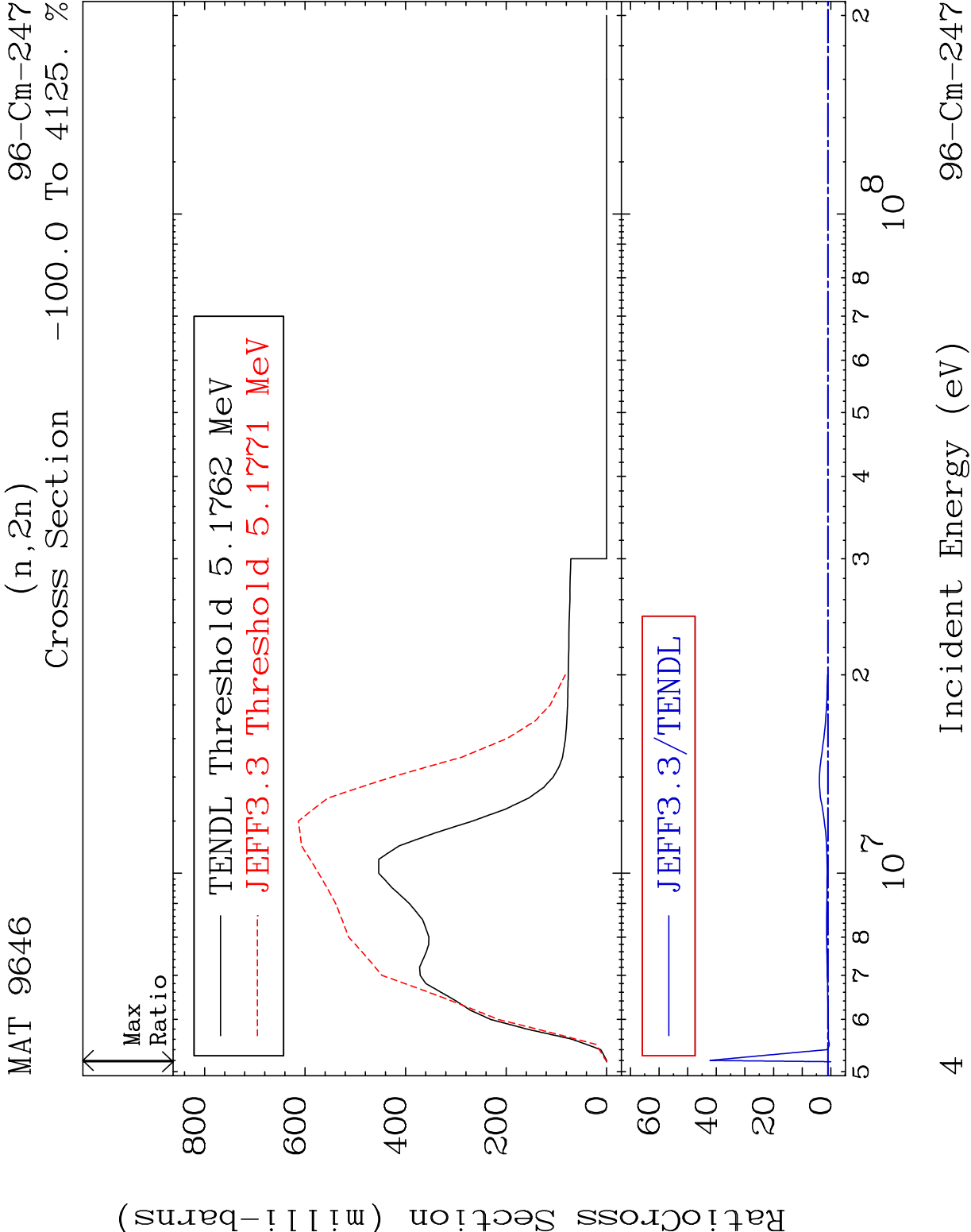
Ratio

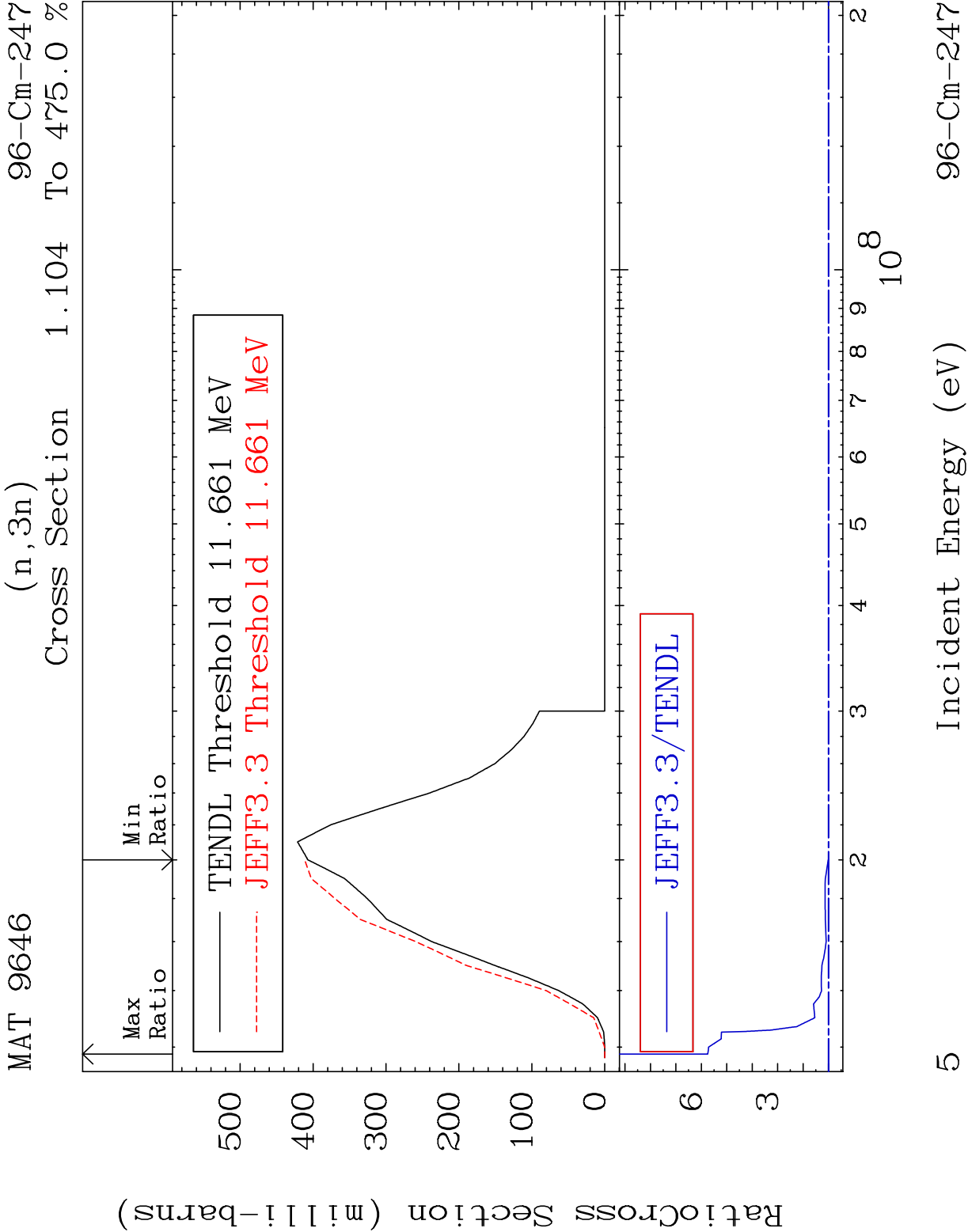
96-Cm-247

Incident Energy (eV)







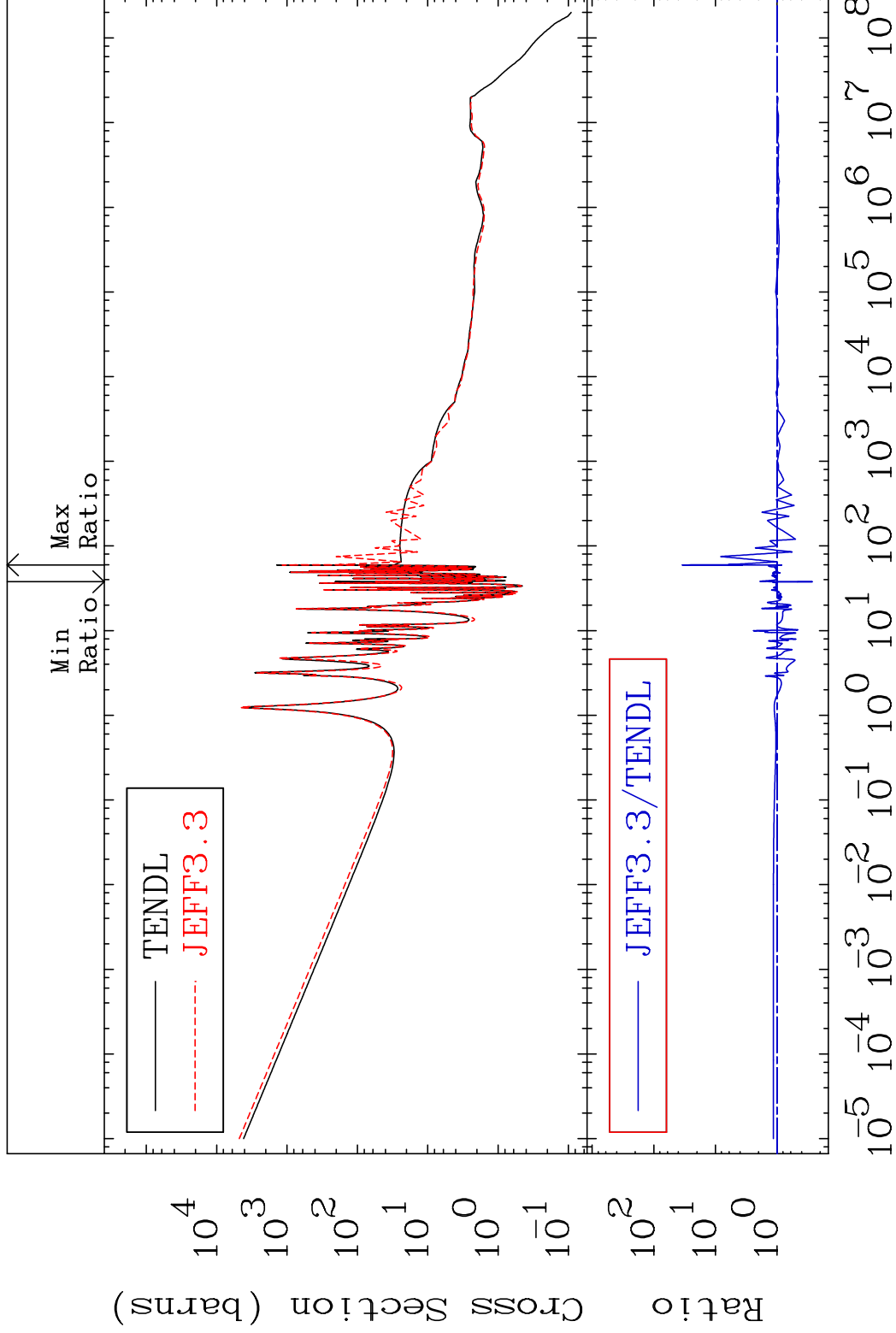


MAT 9646

Fission

96-Cm-247

Cross Section -73.43 To 3343. %

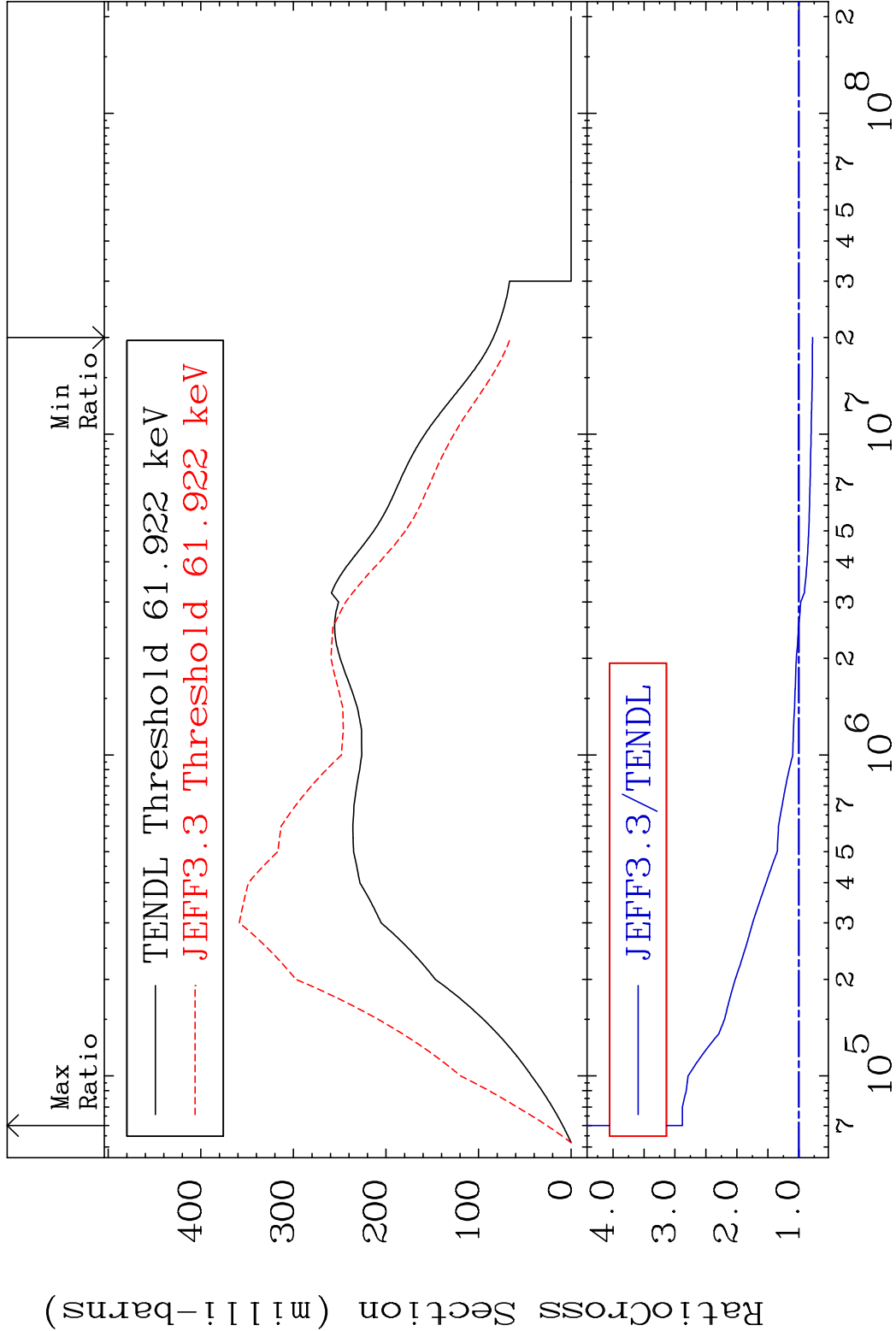


6

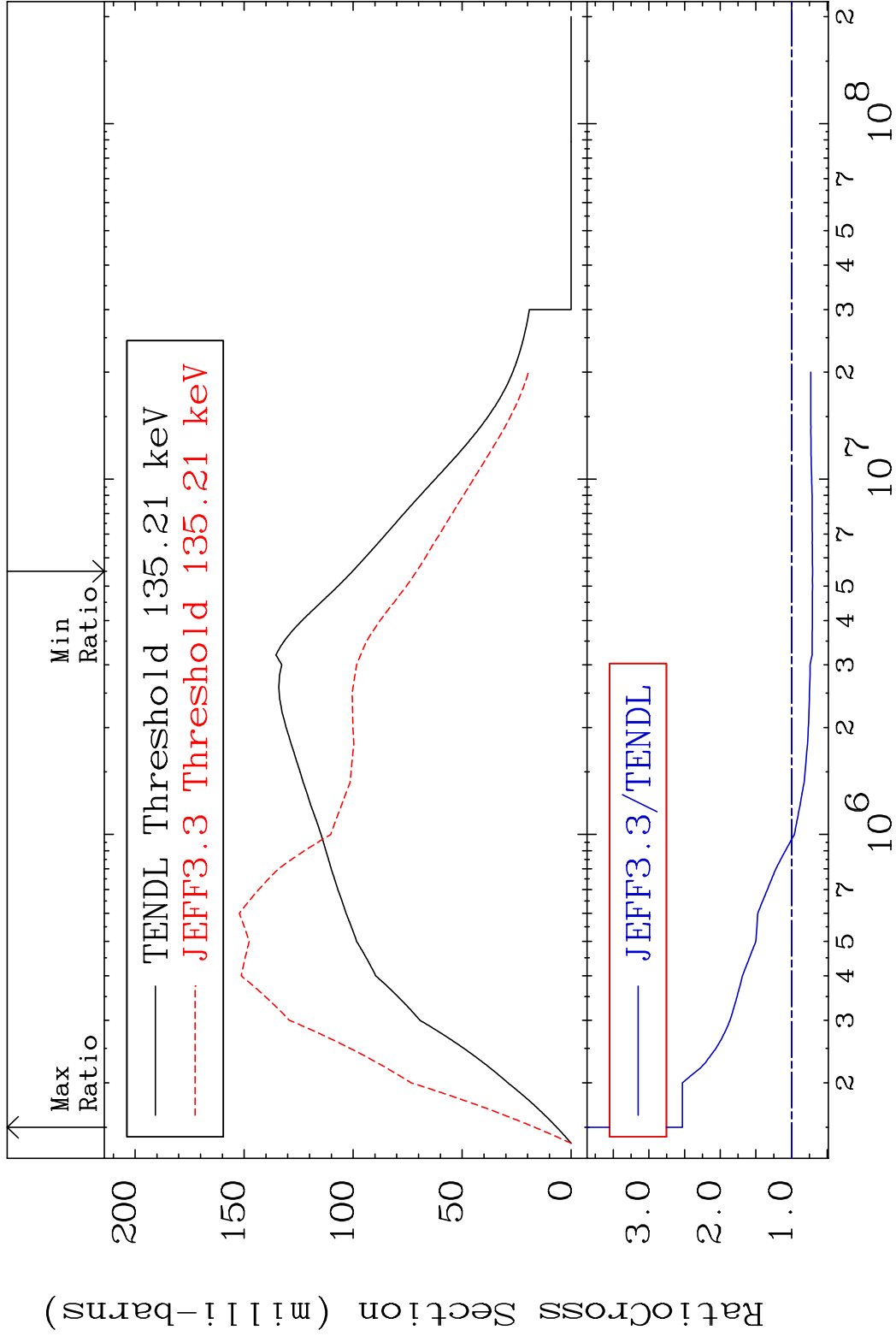
Incident Energy (eV)

96-Cm-247

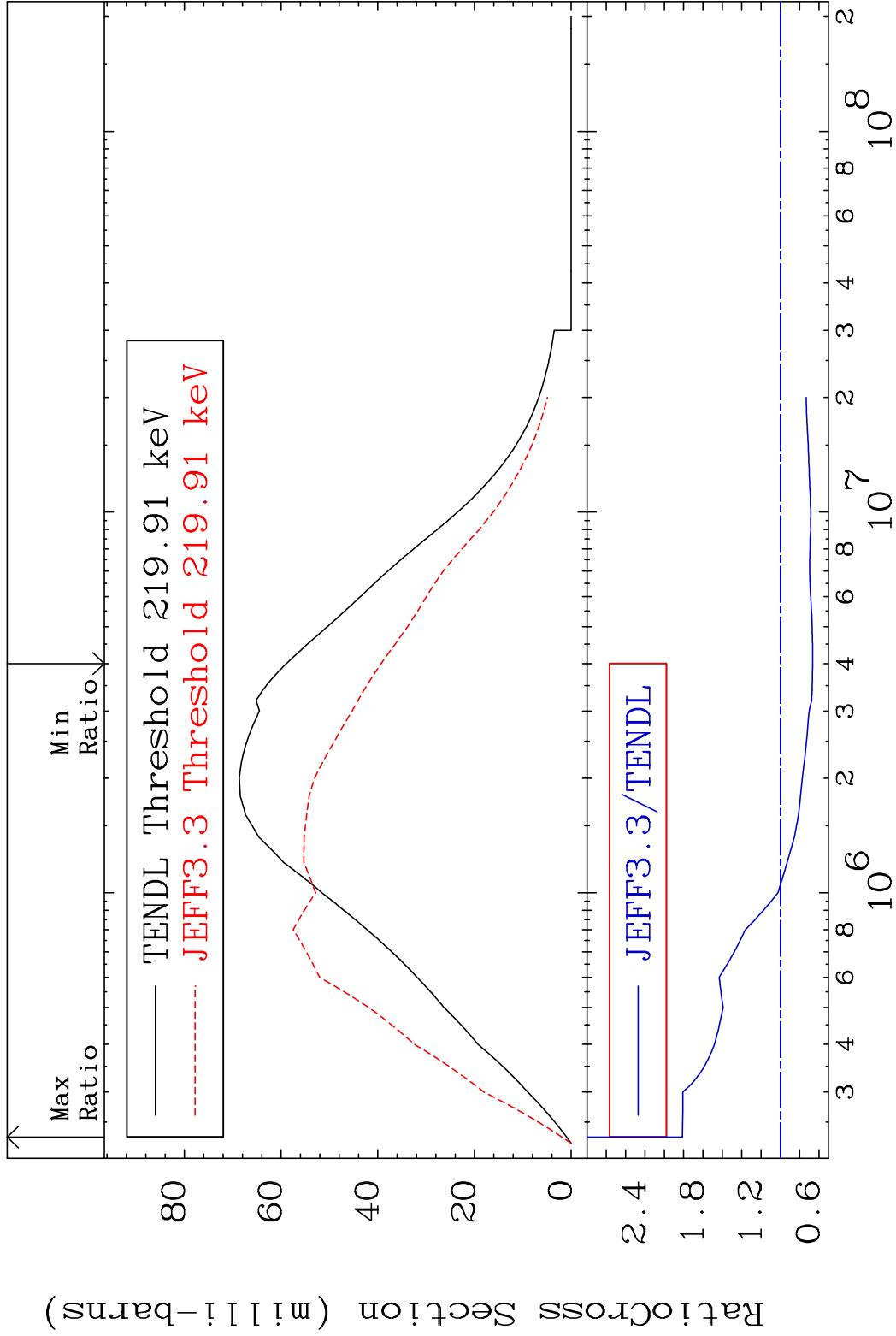
MAT 9646 MT= 51 (n,n') Level 96-Cm-247
Cross Section -22.20 To 188.1 %

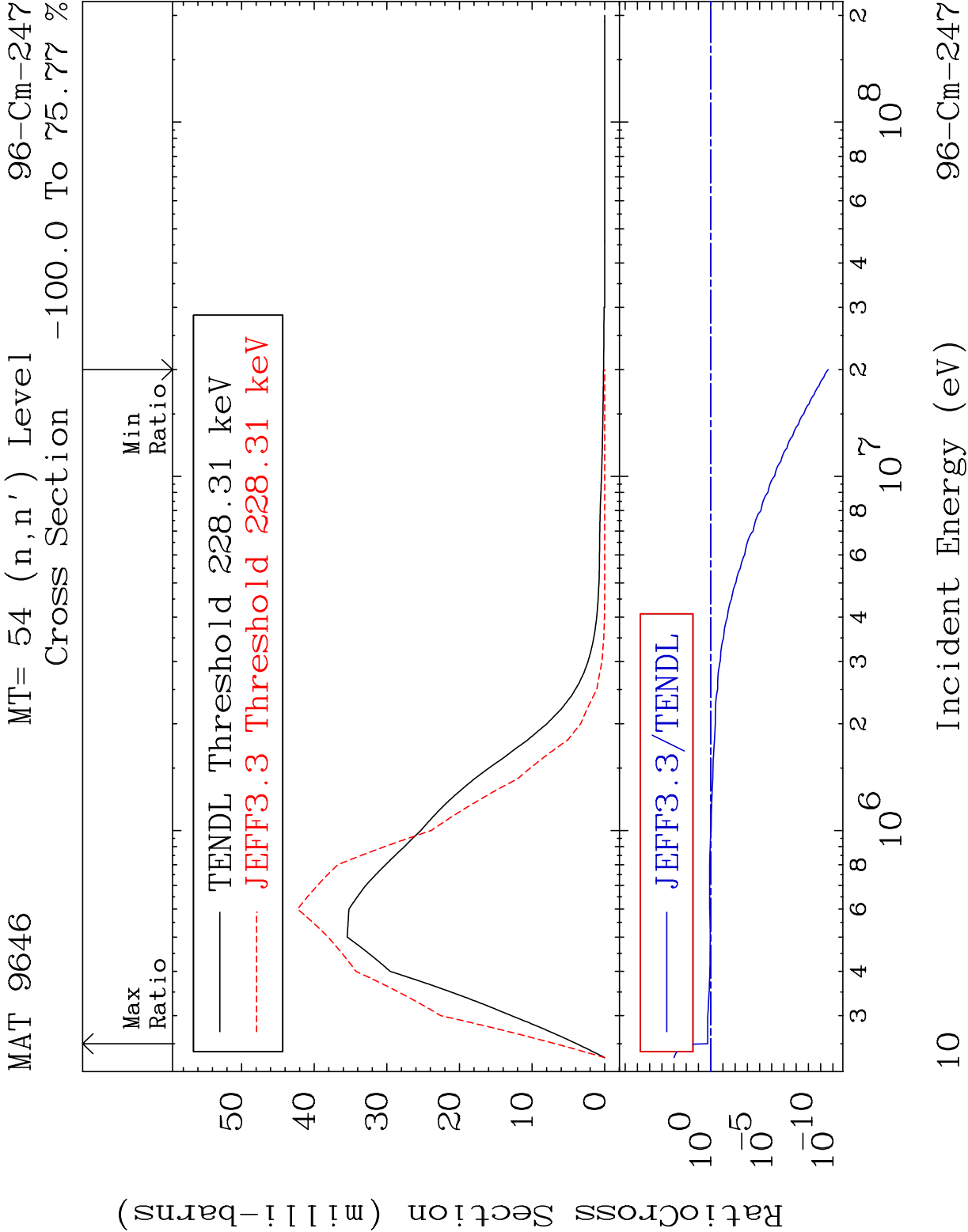


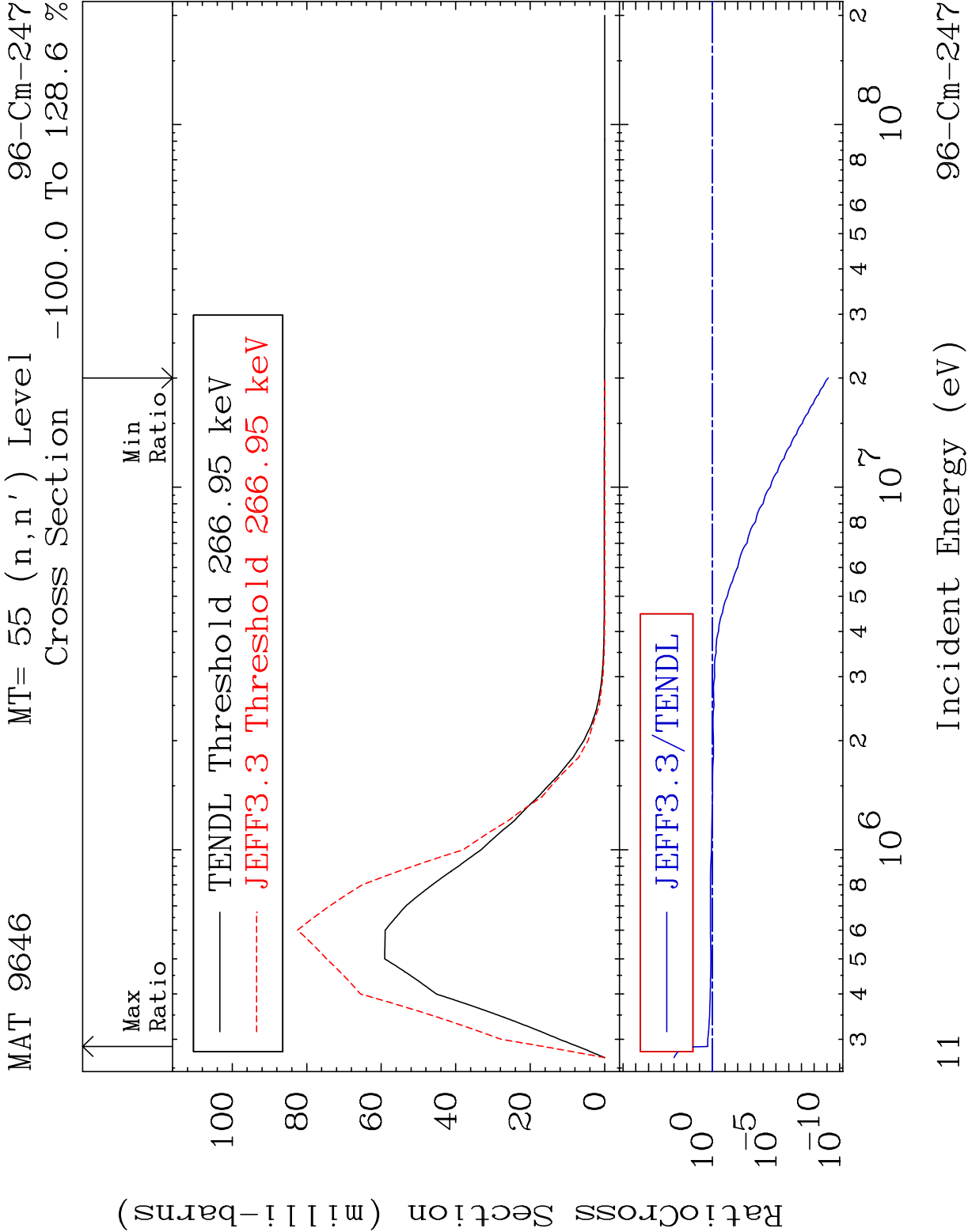
MAT 9646 MT= 52 (n,n') Level 96-Cm-247
Cross Section -29.38 To 153.1 %



MAT 9646 MT= 53 (n,n') Level 96-Cm-247
Cross Section -33.29 To 101.3 %







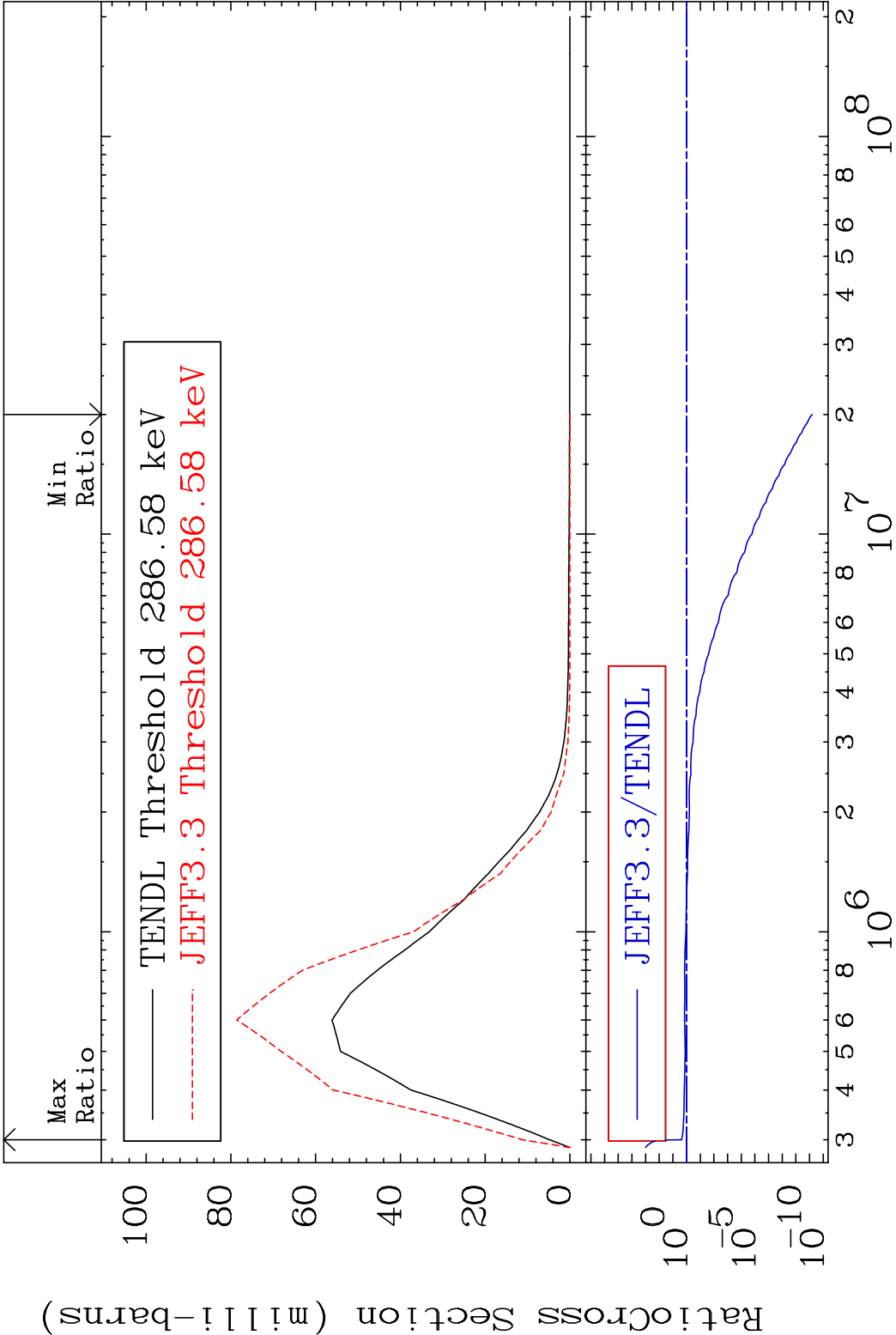
MAT 9646

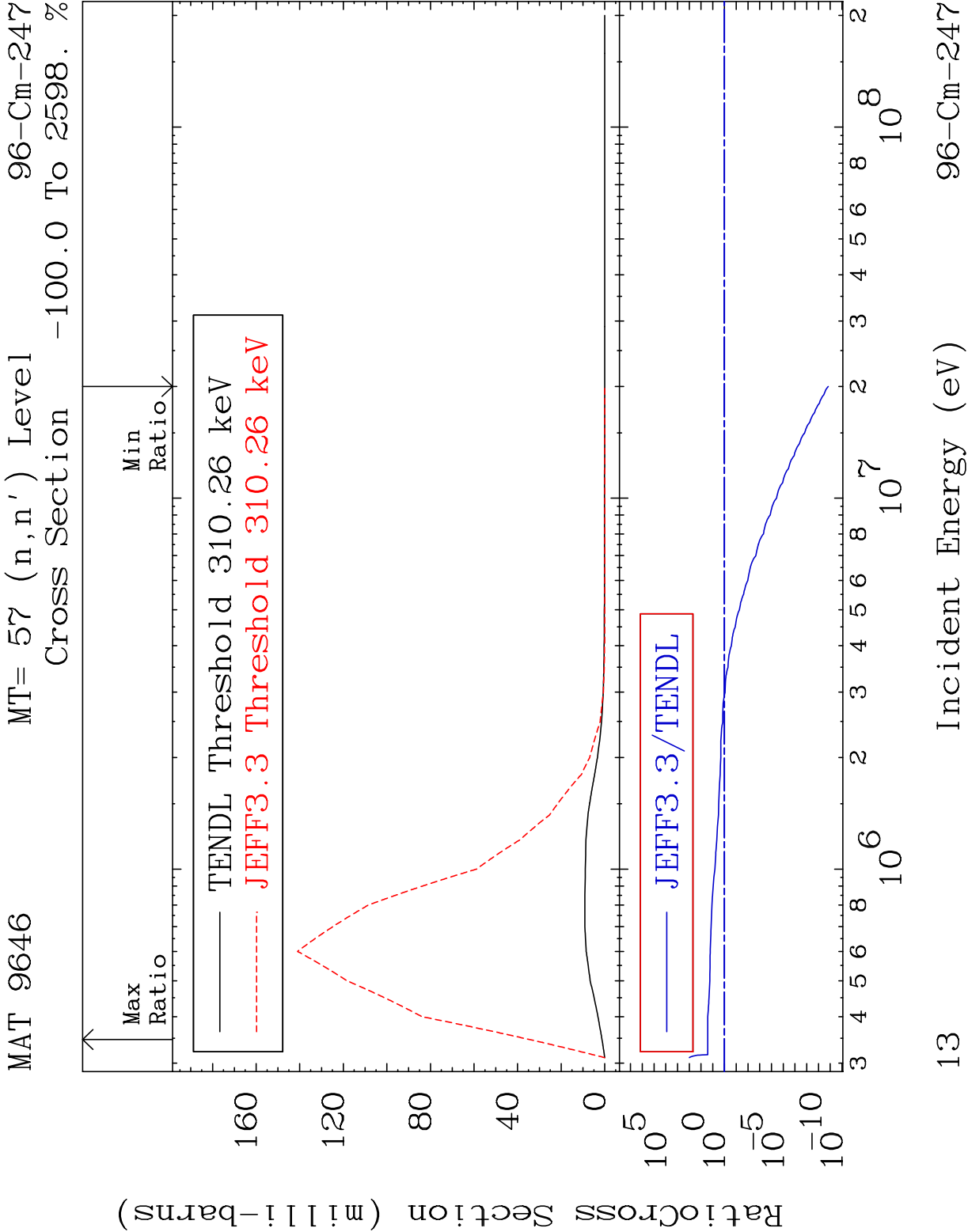
MT= 56 (n,n') Level

96-Cm-247

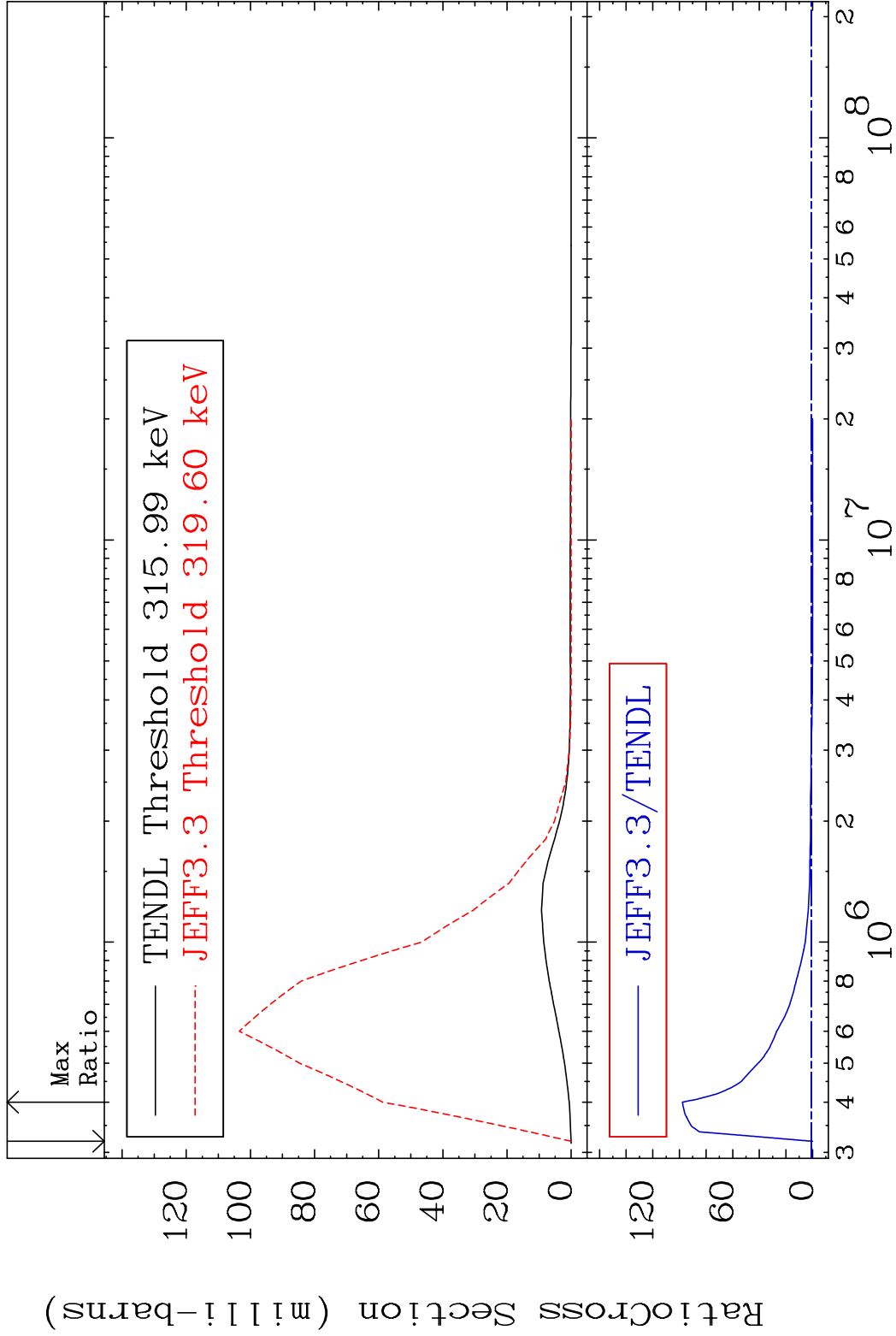
Cross Section

-100.0 To 133.6 %

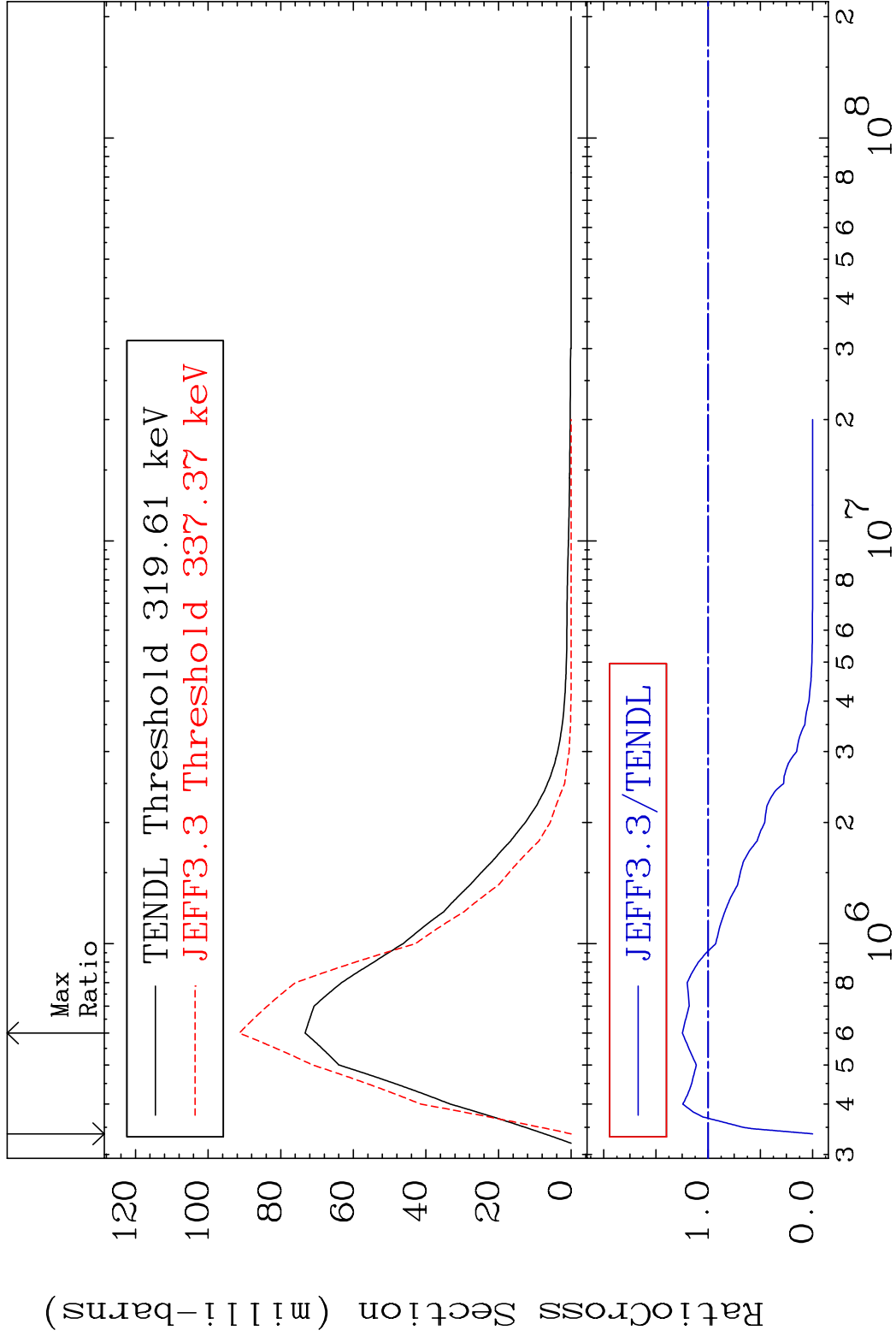




MAT 9646 MT= 58 (n,n') Level 96-Cm-247
Cross Section -100.0 To 9680. %

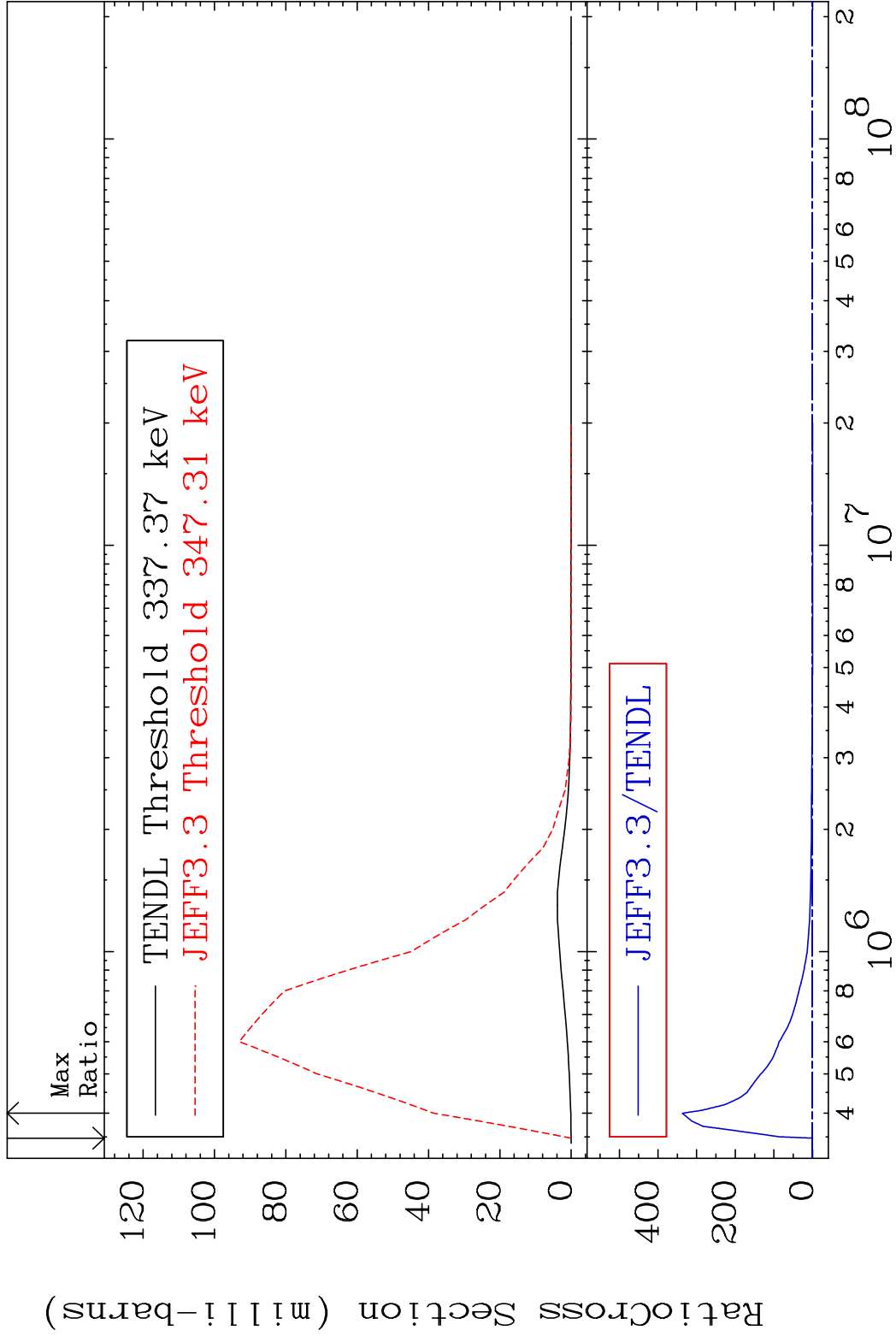


MAT 9646 MT= 59 (n,n') Level 96-Cm-247
Cross Section -100.0 To 24.73 %

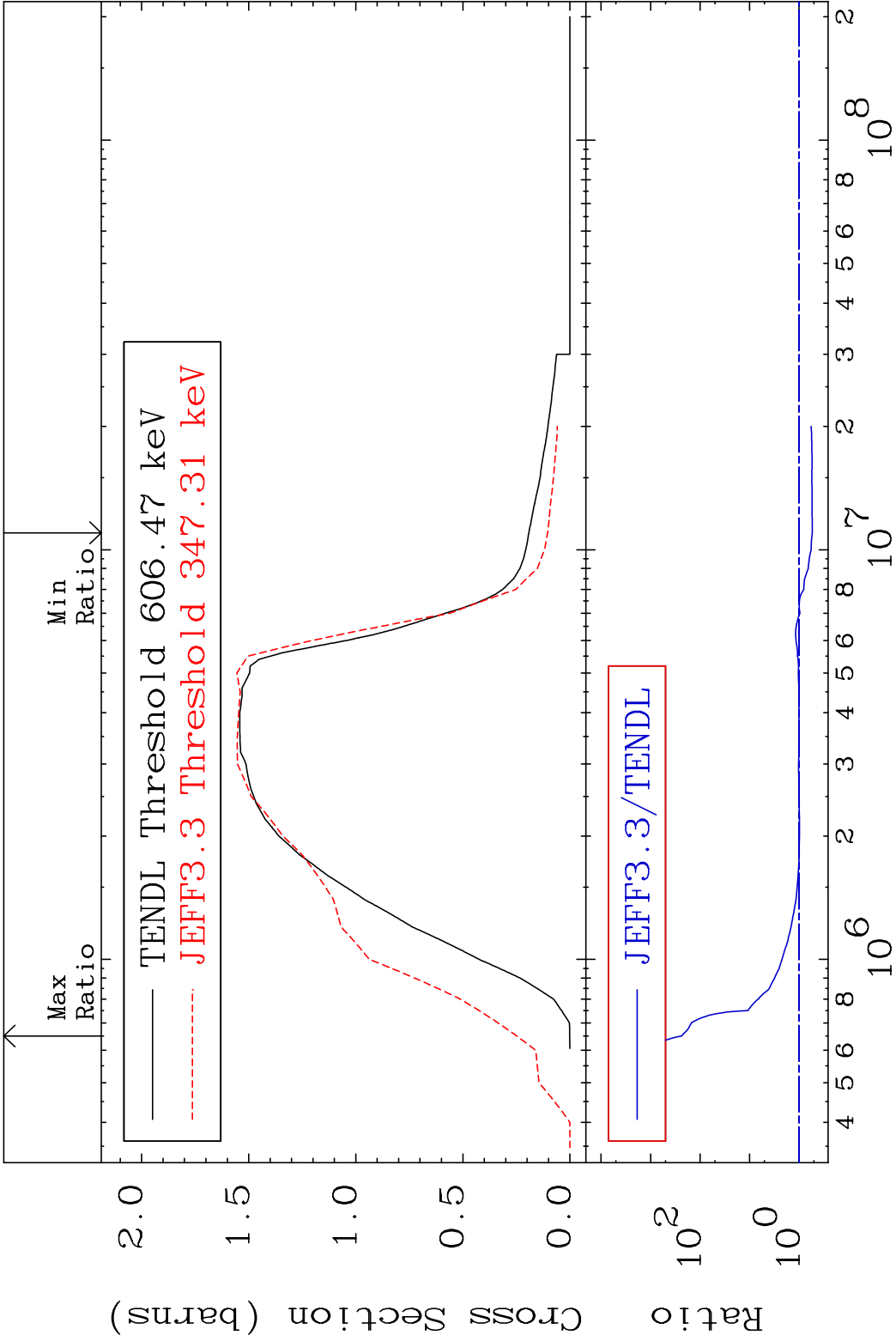


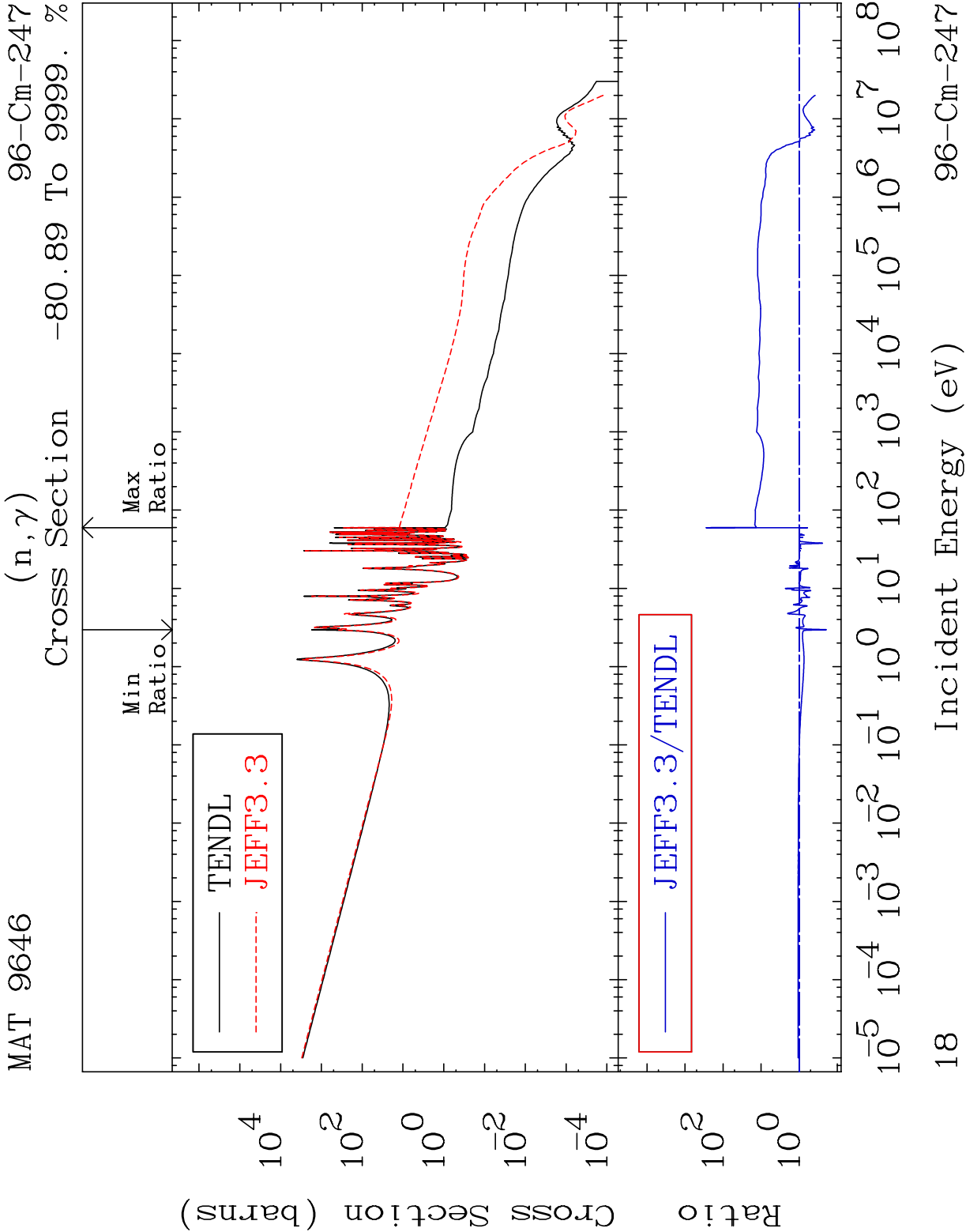
15 Incident Energy (eV) 96-Cm-247

MAT 9646 MT= 60 (n,n') Level 96-Cm-247
Cross Section -100.0 To 9999. %

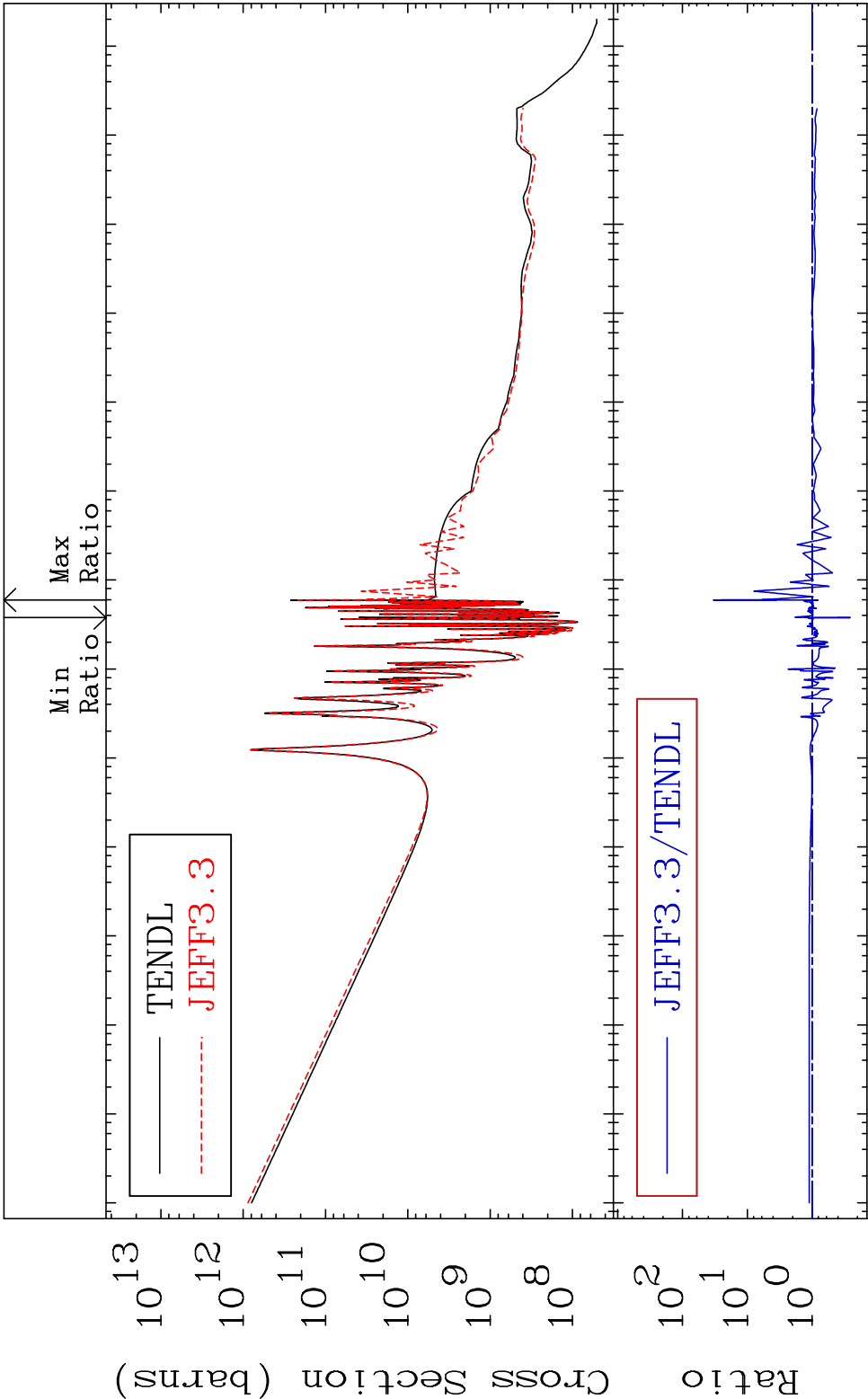


16 Incident Energy (eV) 96-Cm-247



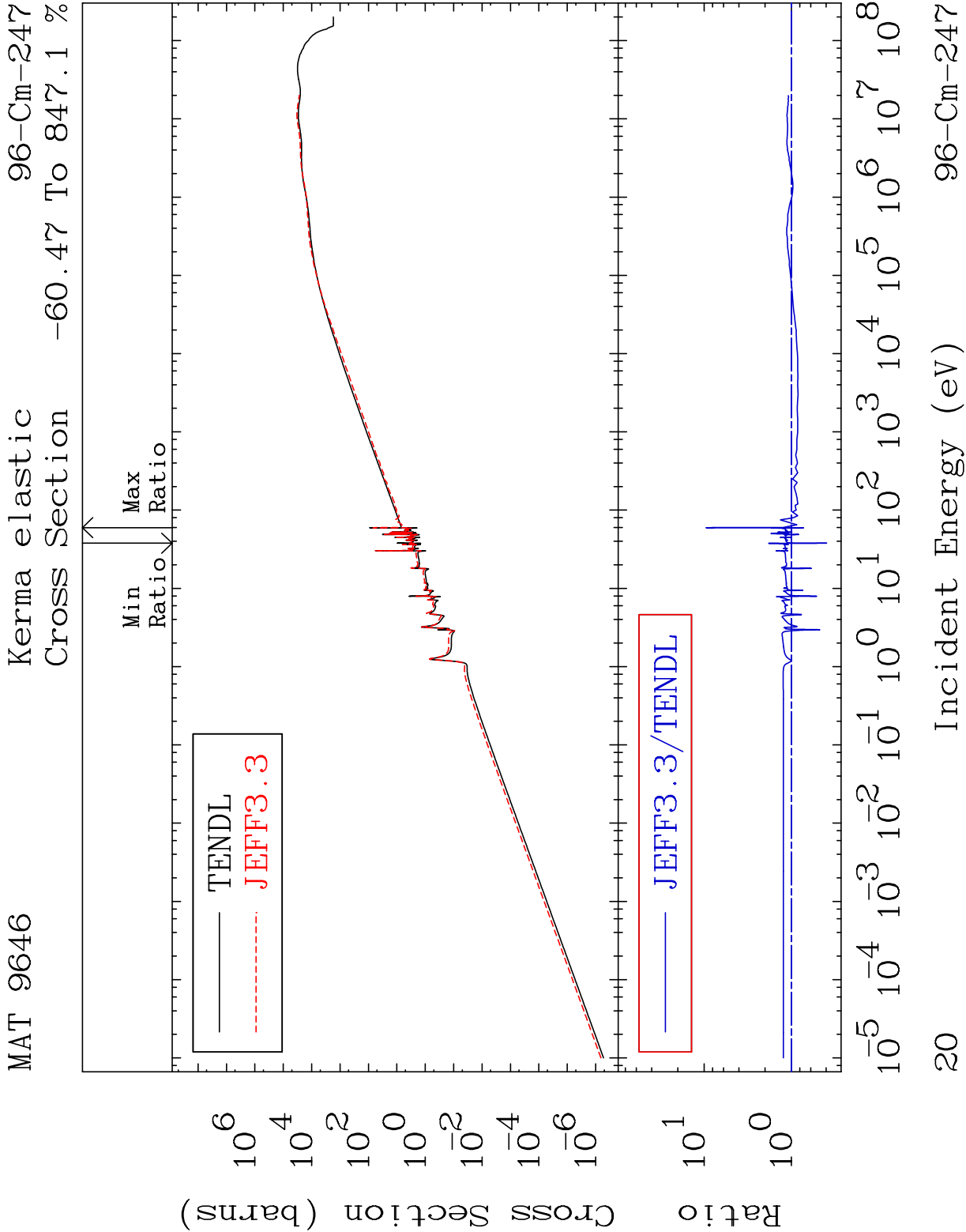


MAT 9646 Kerma total (eV-barns) 96-Cm-247
Cross Section -74.37 To 3221. %

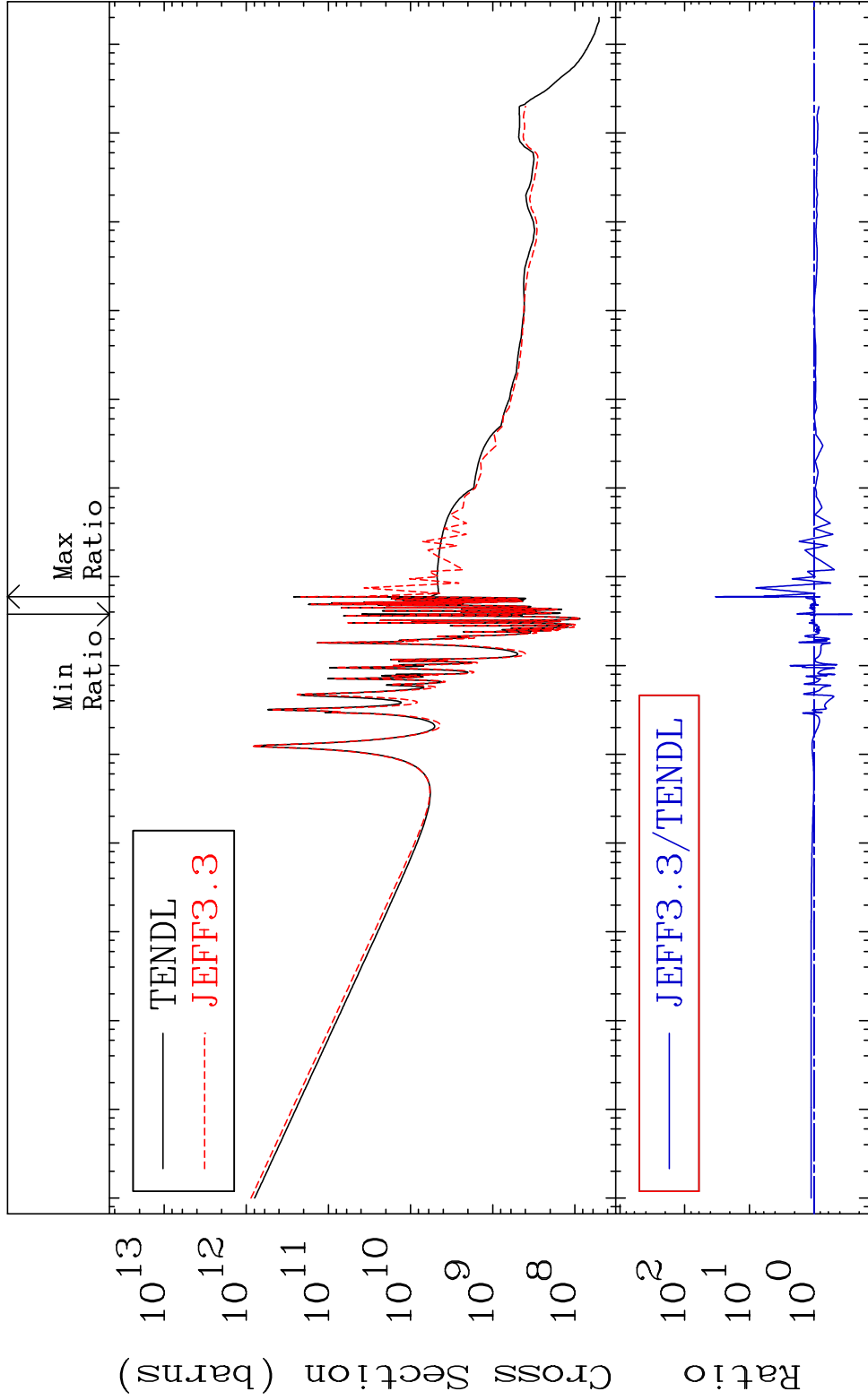


10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

19 Incident Energy (eV) 96-Cm-247

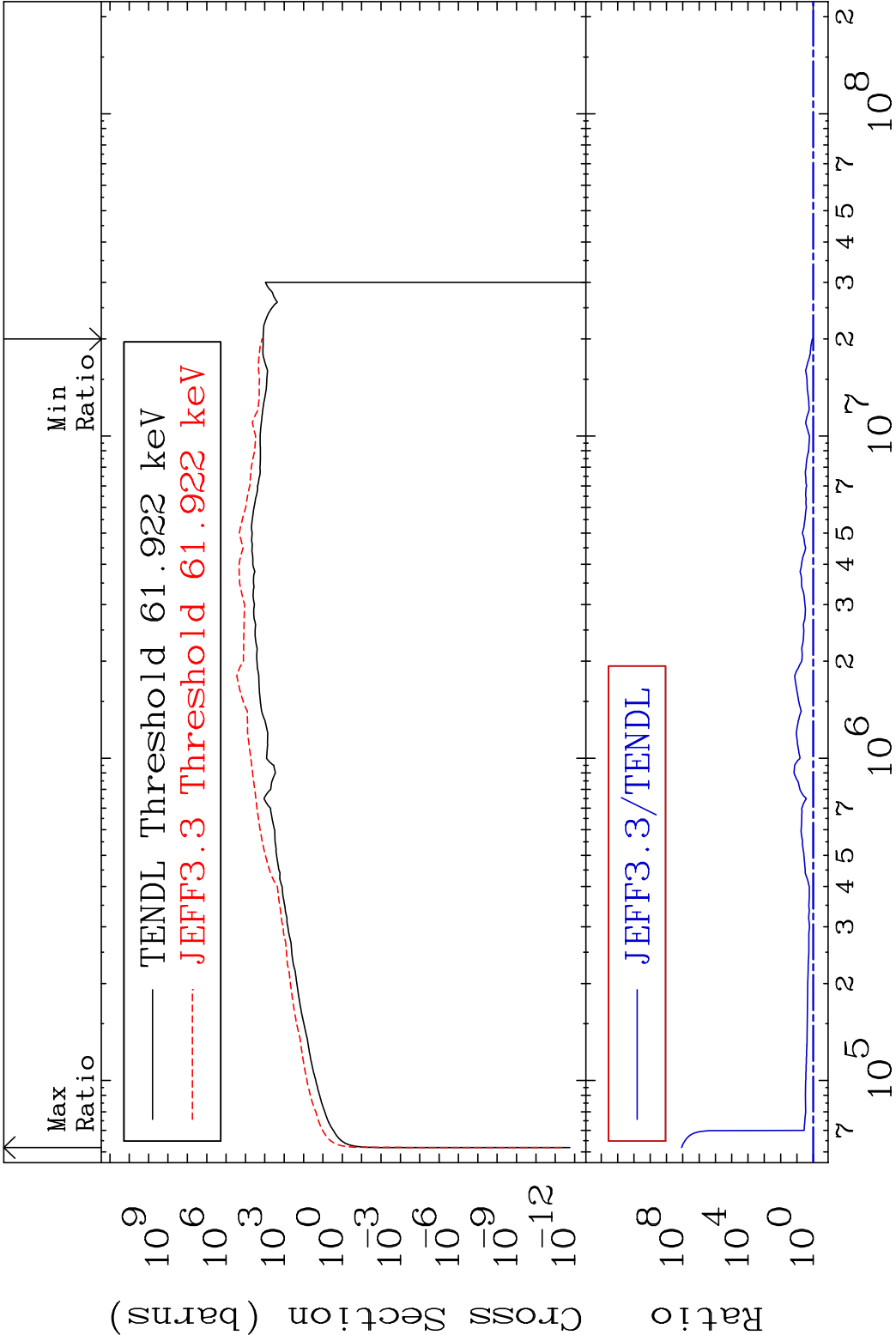


MAT 9646 Kerma non-elastic (all but mt2) 96-Cm-247
Cross Section -74.37 To 3221. %

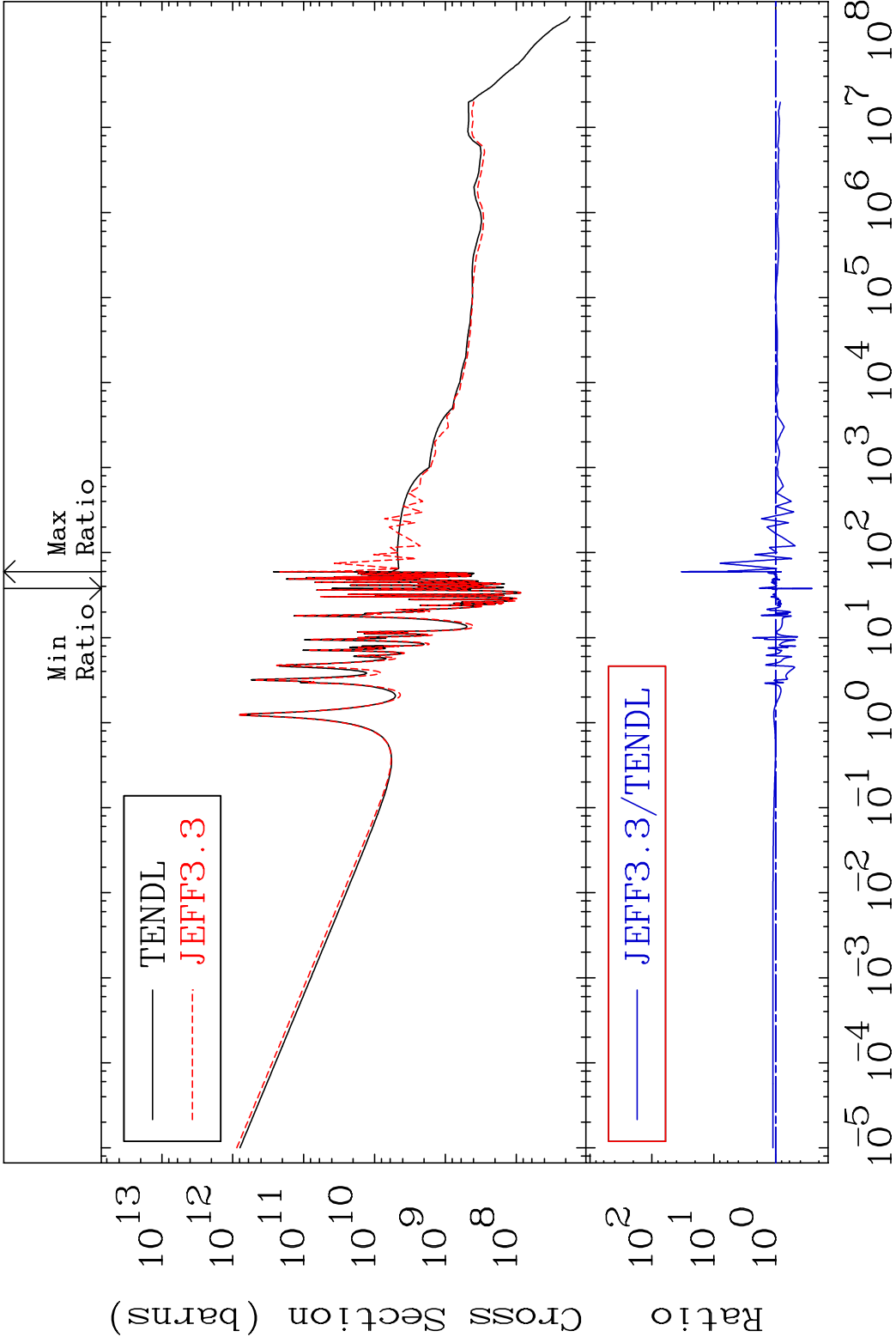


21 Incident Energy (eV) 96-Cm-247

MAT 9646 Kerma inelastic (mt51-91) 96-Cm-247
Cross Section 14.69 To 9999. %

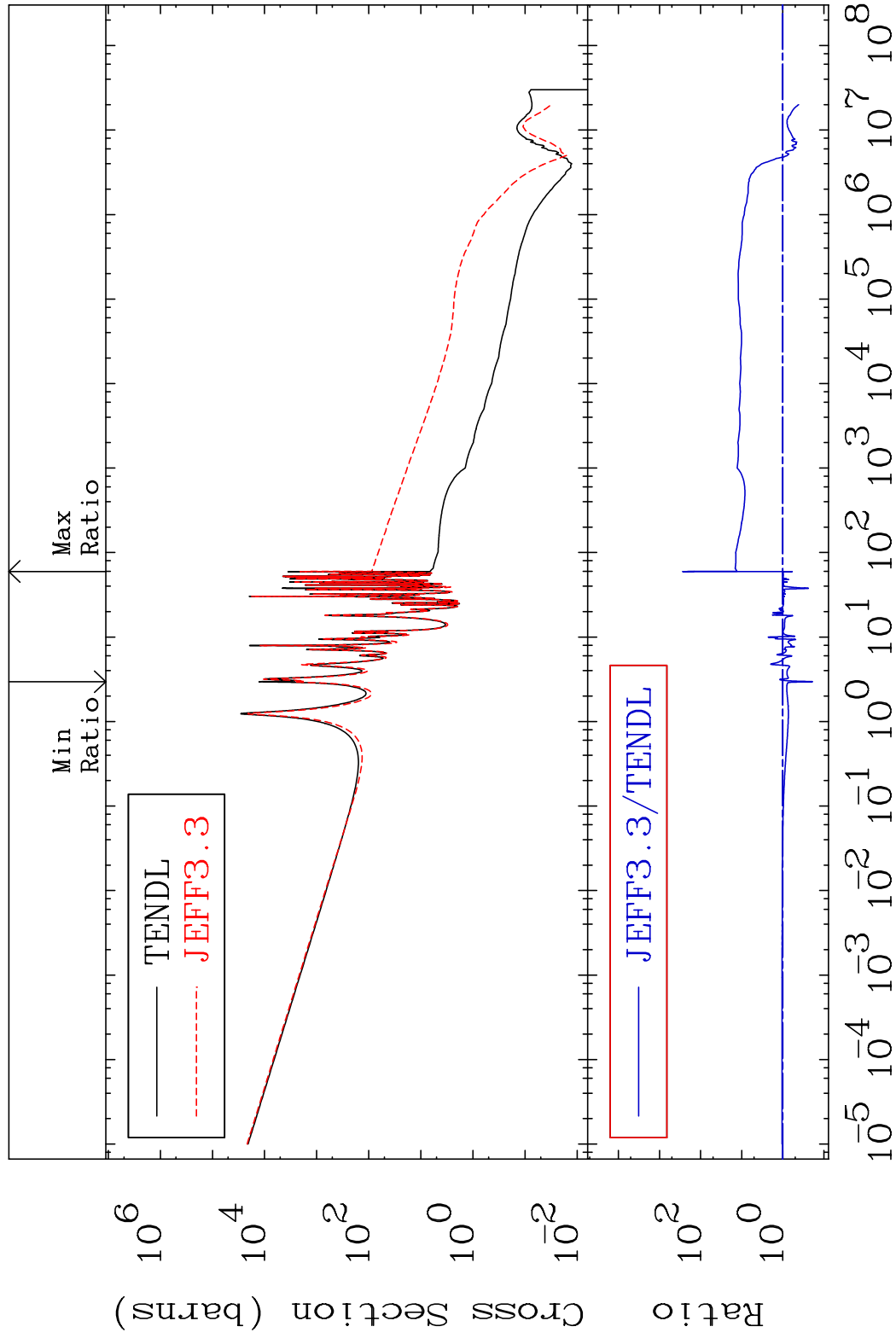


MAT 9646 Kerma fission (mt18 or mt19-20-21-38) 96-Cm-247
Cross Section -74.37 To 3221. %



MAT 9646

Kerma capture (mt102)	96-Cm-247
Cross Section	-81.27 To 9999. %

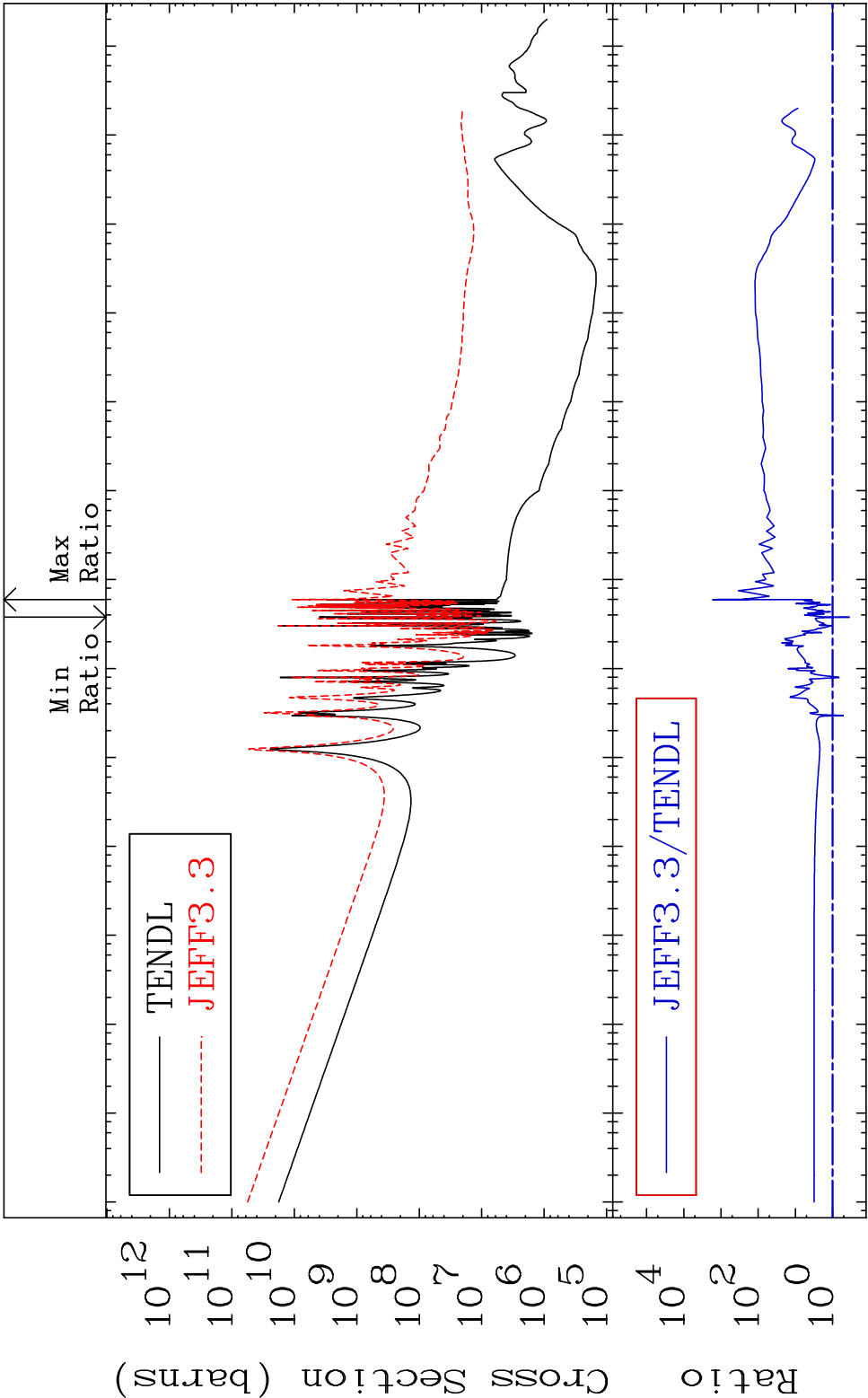


24

Incident Energy (eV)

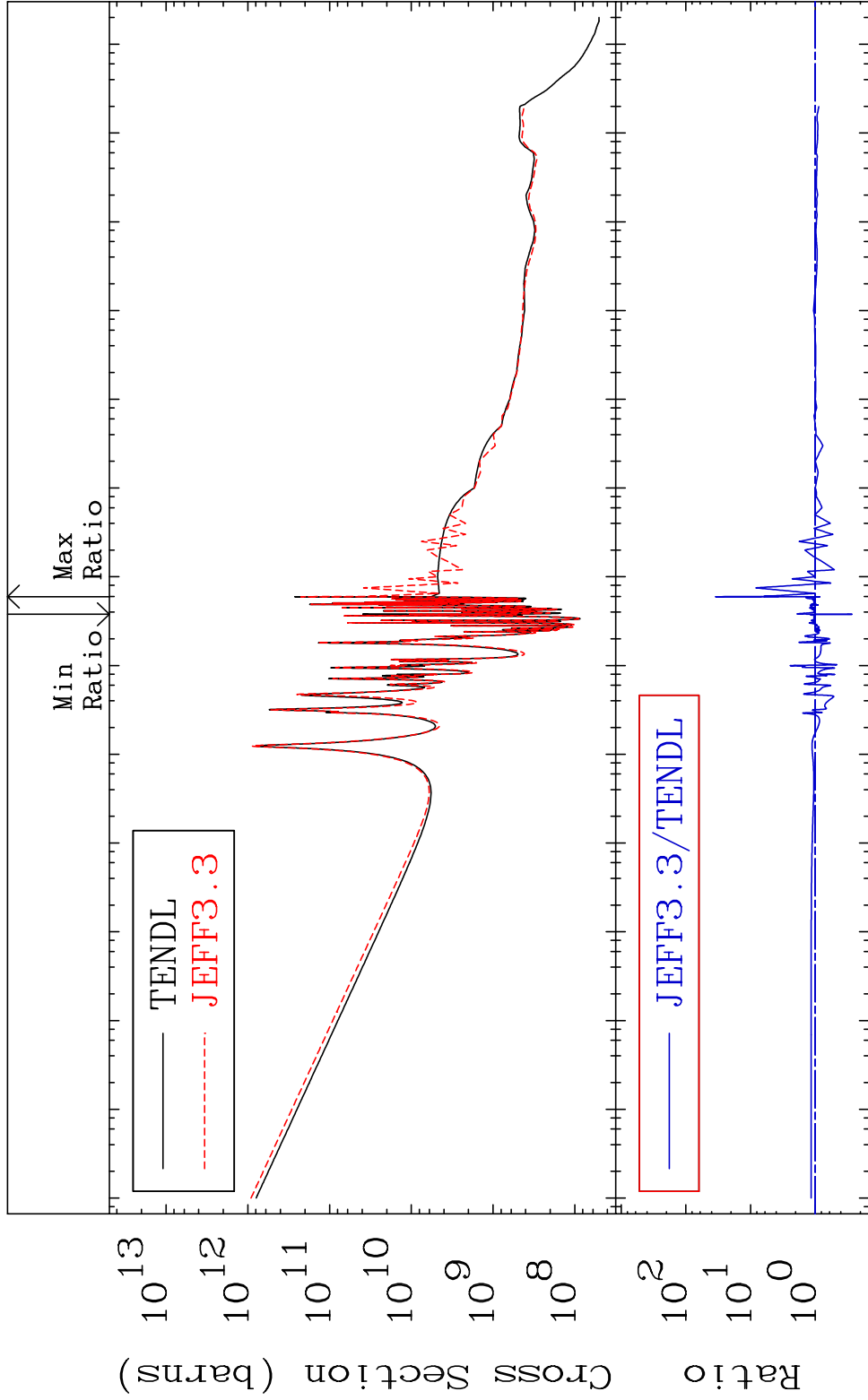
96-Cm-247

MAT 9646 Total photon (eV-barns) 96-Cm-247
 Cross Section -65.00 To 9999. %



25 Incident Energy (eV) 96-Cm-247

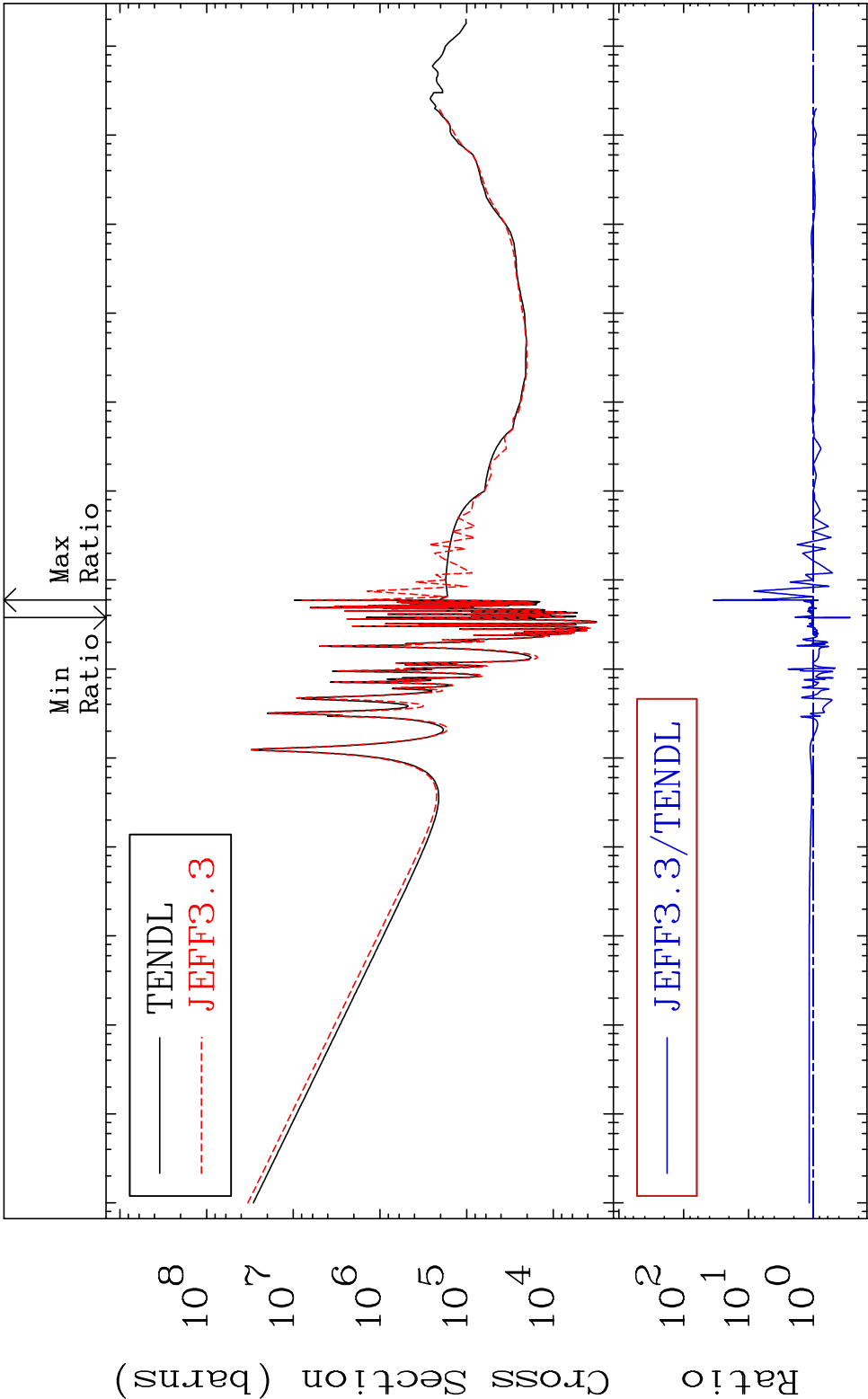
MAT 9646 Total kinematic kerma (high limit) 96-Cm-247
Cross Section -73.29 To 3361. %



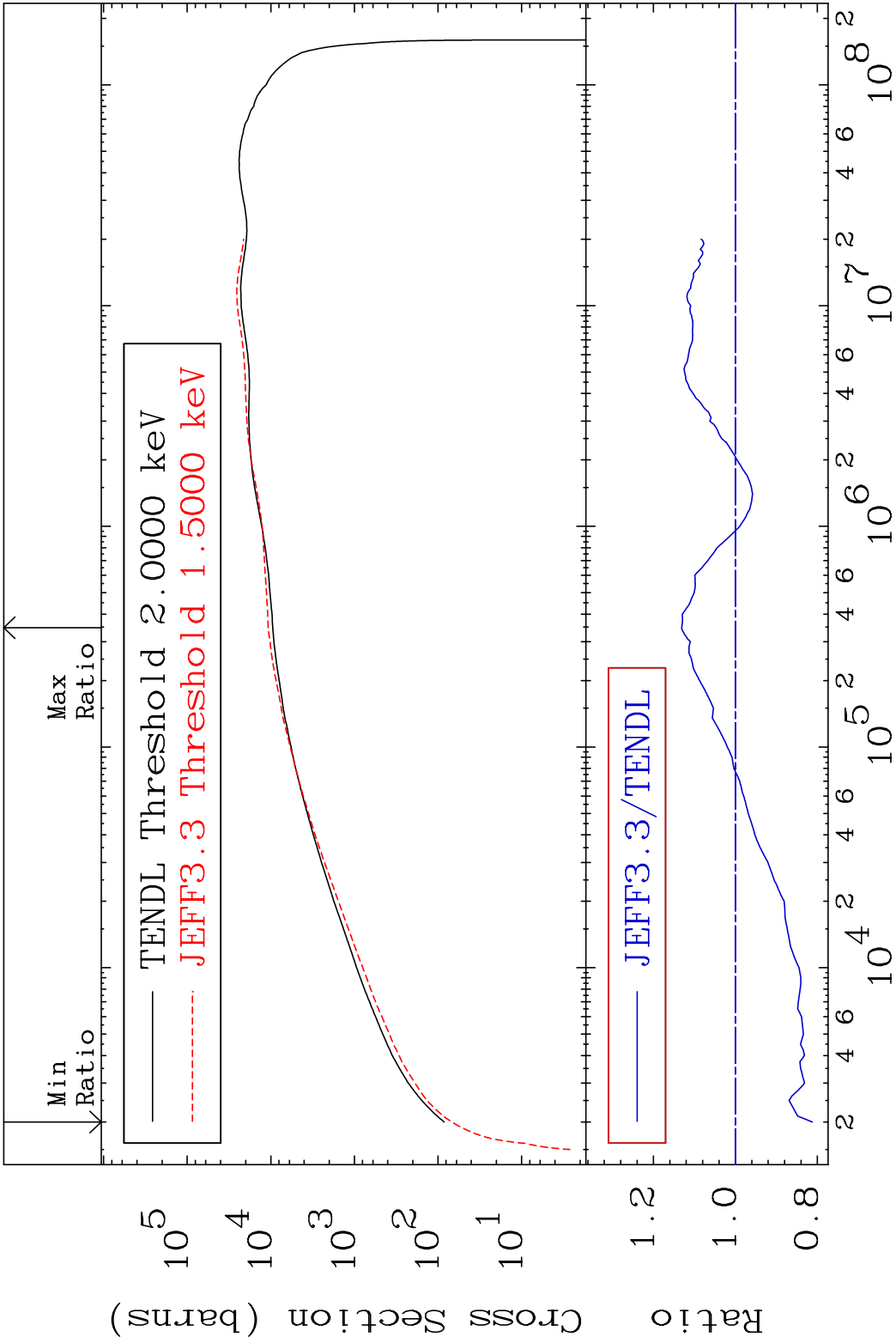
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

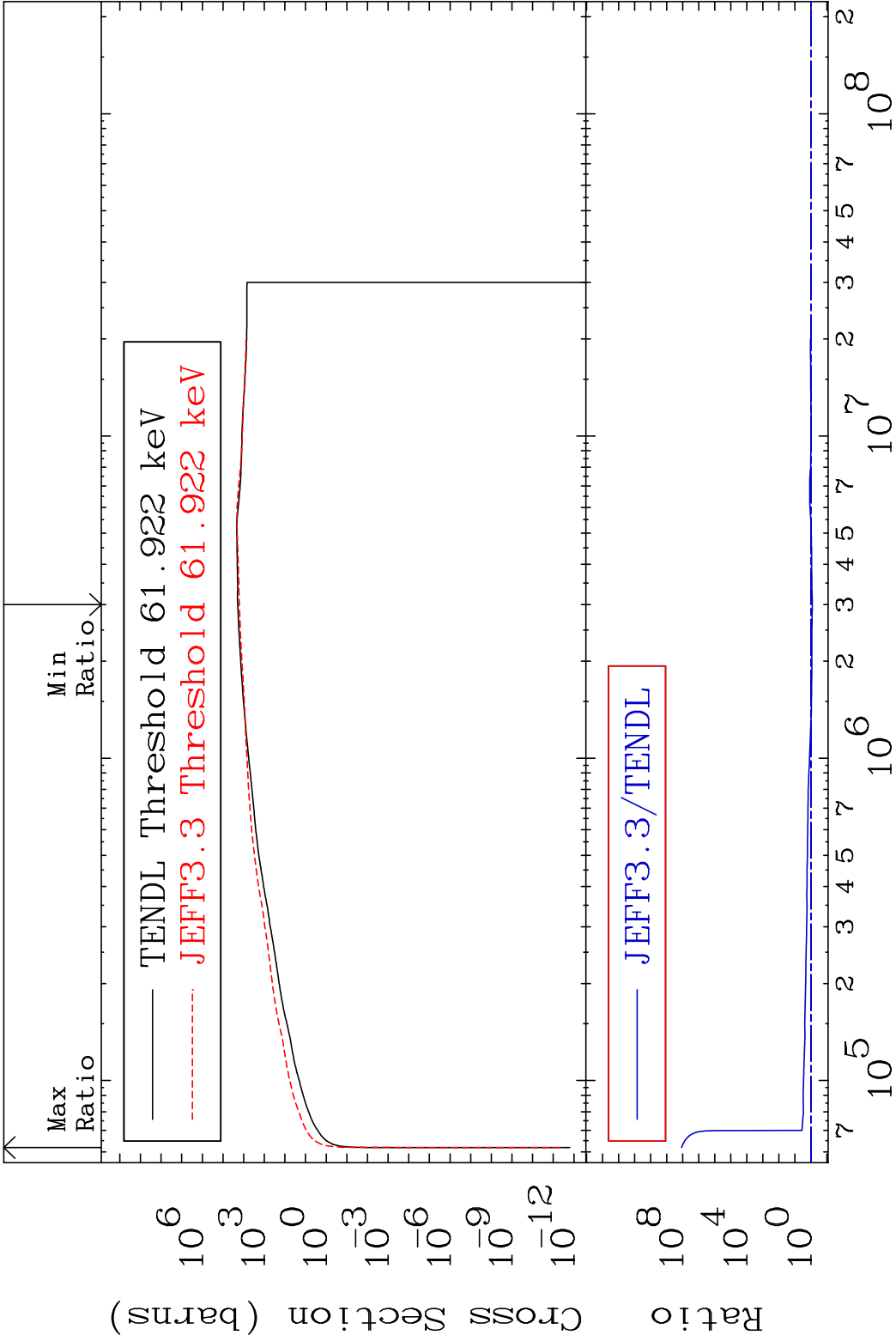
26 Incident Energy (eV) 96-Cm-247

MAT 9646 Dpa total (eV-barns) 96-Cm-247
Cross Section -73.28 To 3363. %

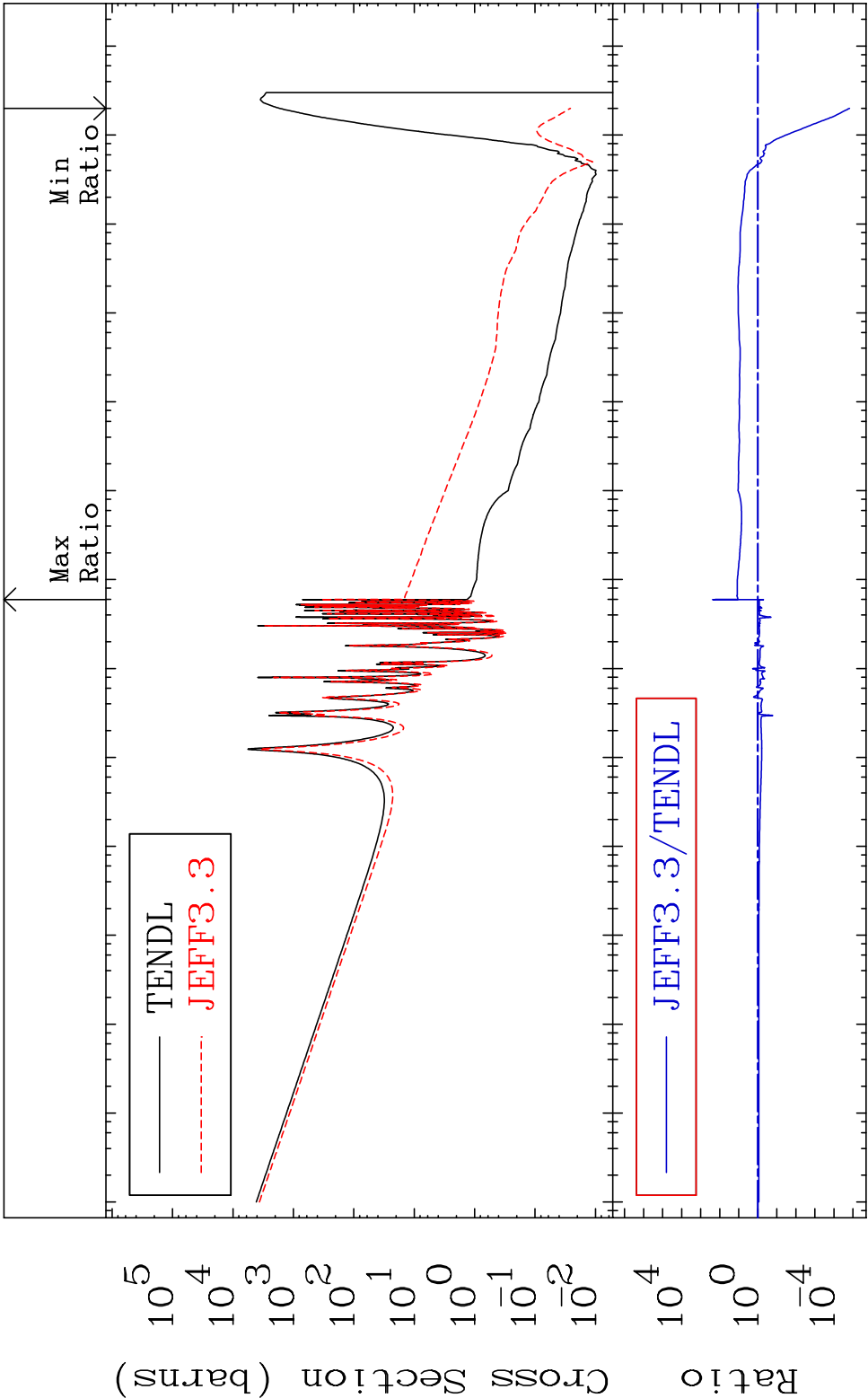


27 Incident Energy (eV) 96-Cm-247



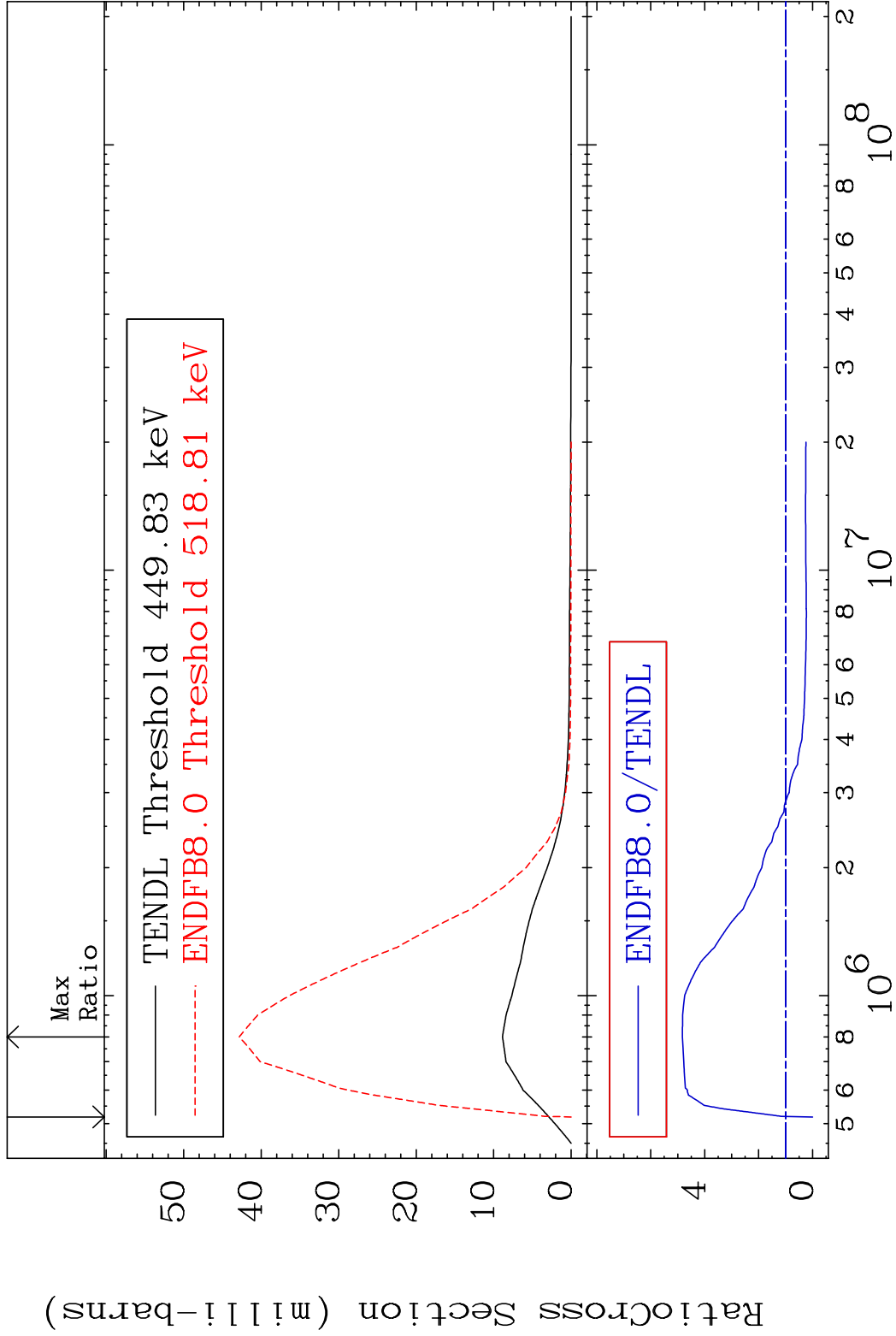


MAT 9646 Dpa disappearance (mt102 -120) 96-Cm-247
Cross Section -100.0 To 9999. %

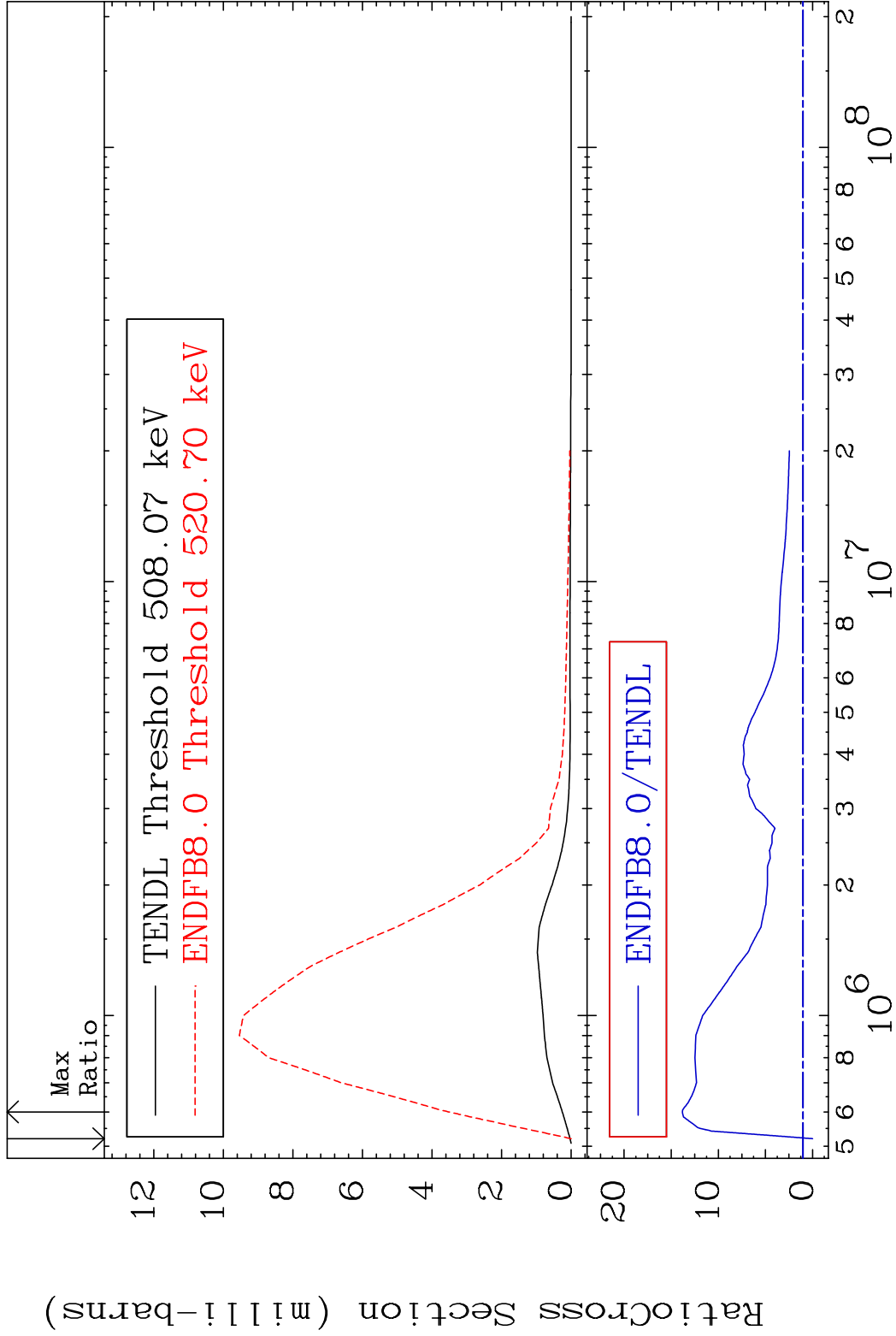


10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
30 Incident Energy (eV) 96-Cm-247

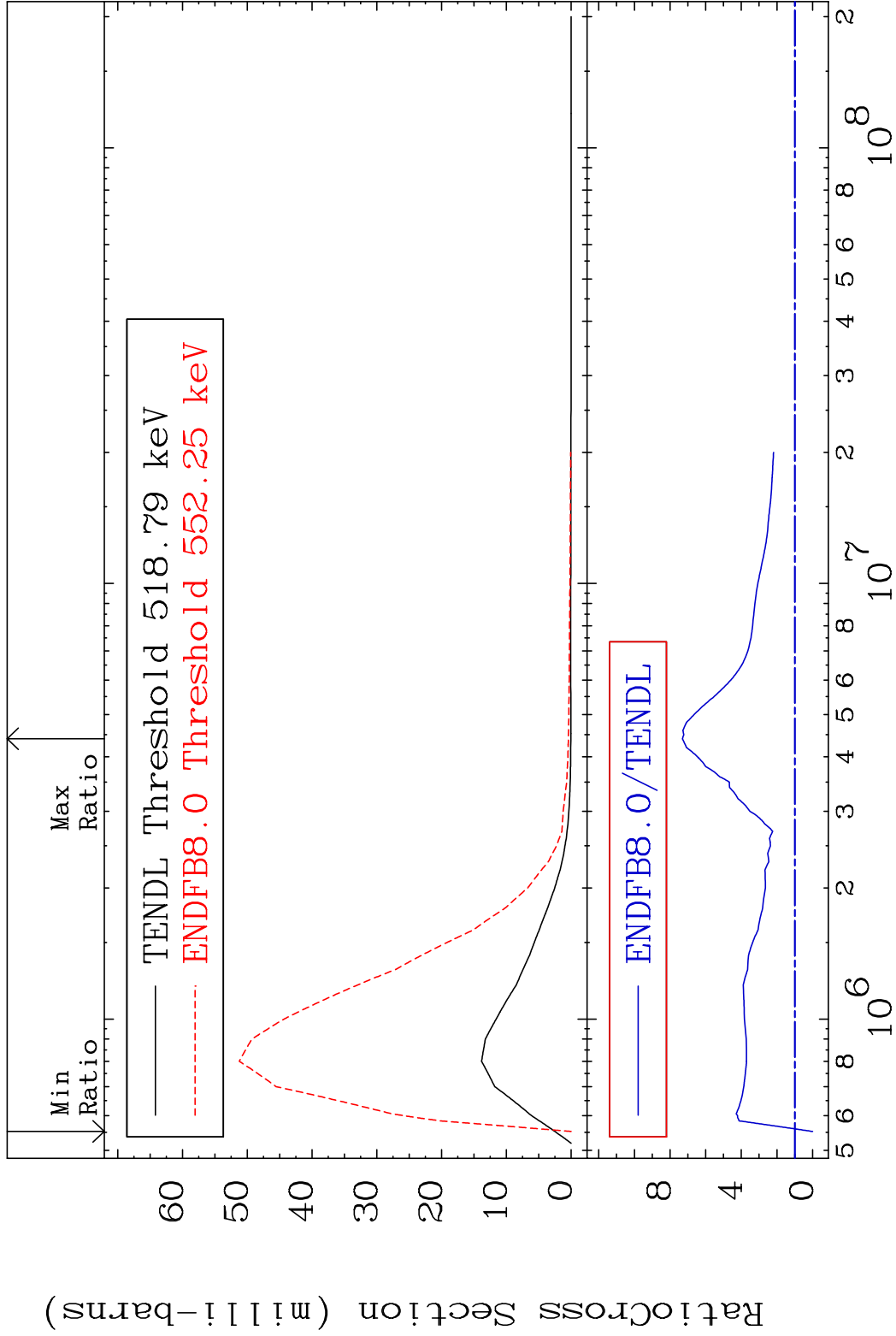
MAT 9646 MT= 70 (n,n') Level 96-Cm-247
Cross Section -100.0 To 382.9 %



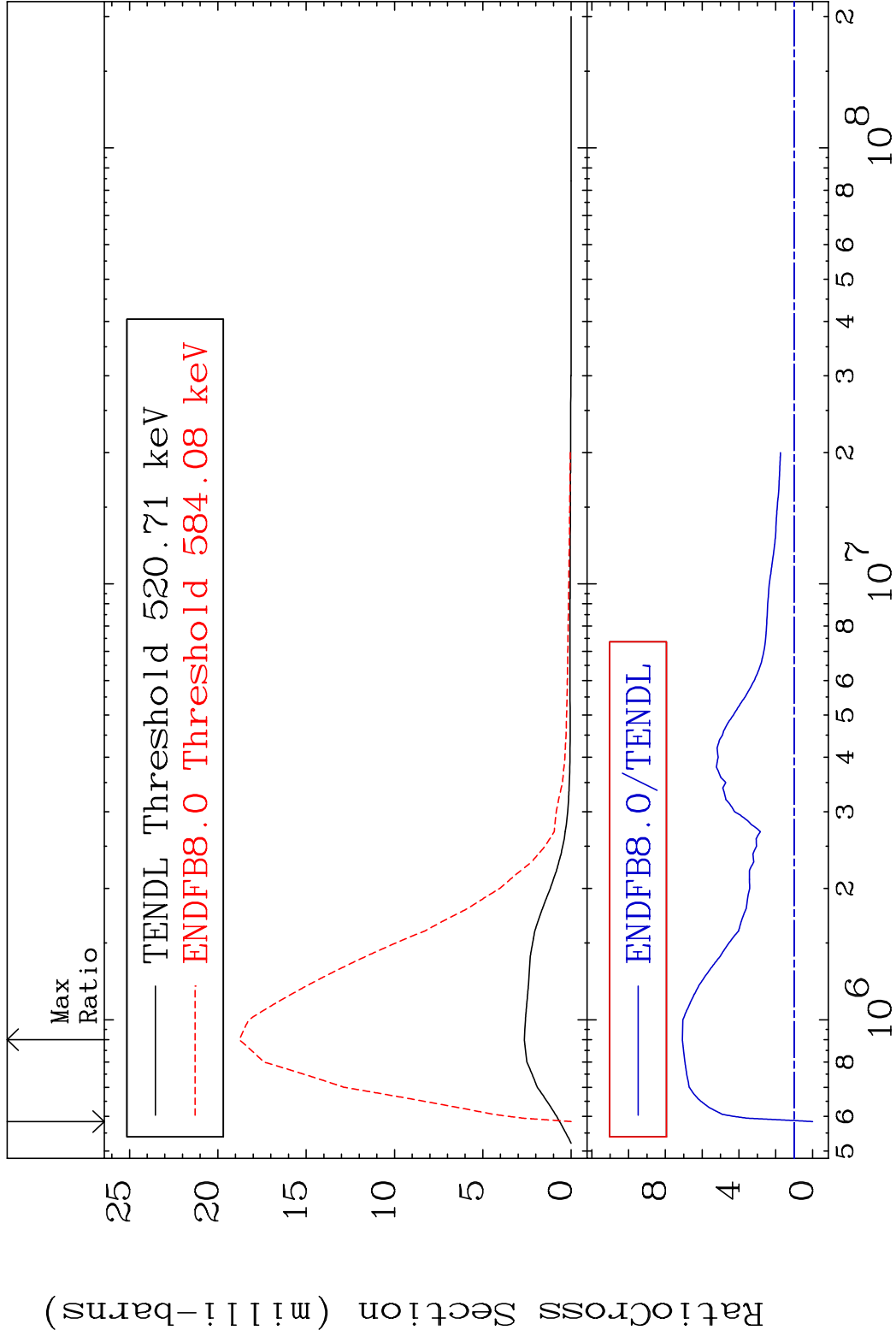
MAT 9646 MT= 71 (n,n') Level 96-Cm-247
Cross Section -100.0 To 1282. %



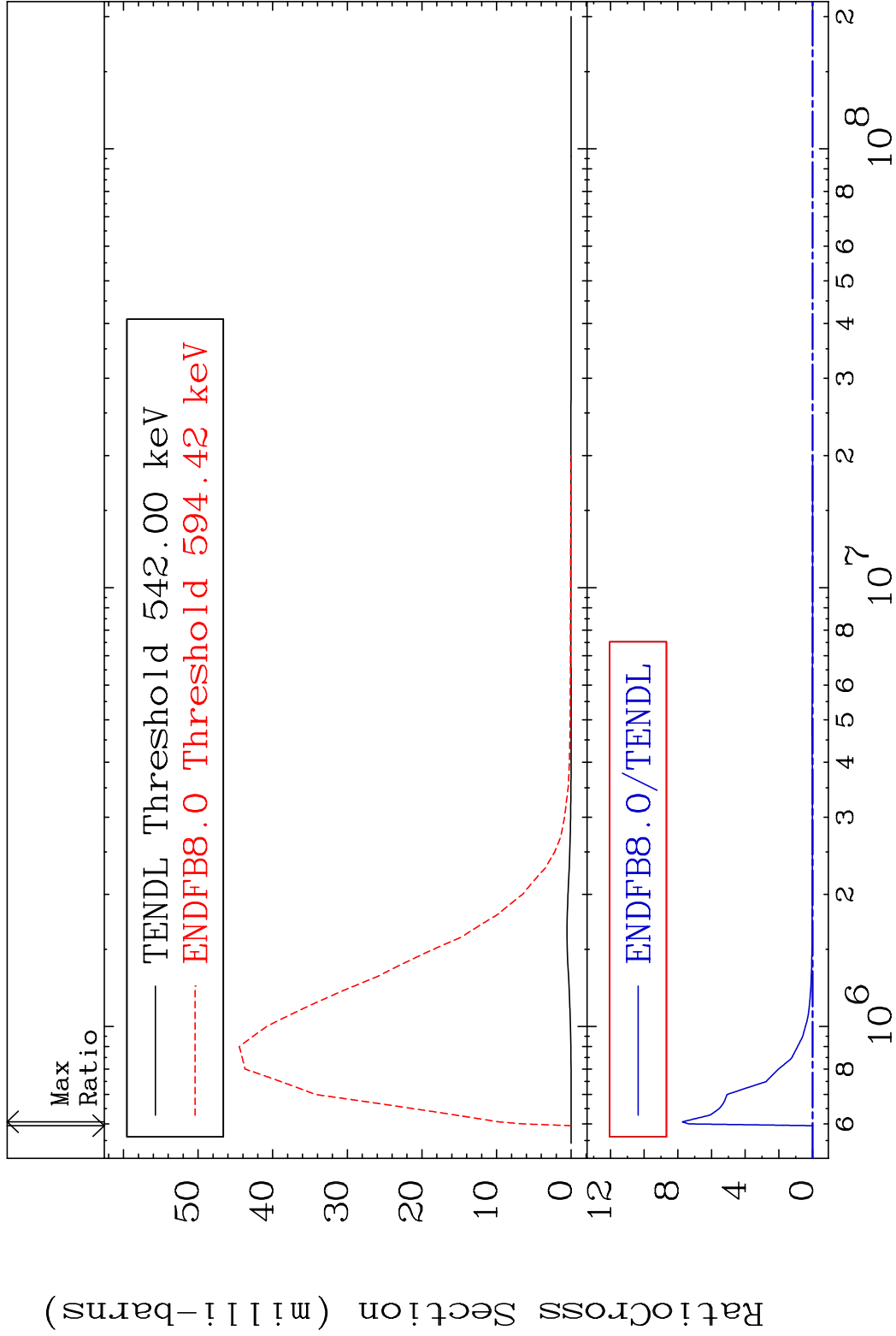
MAT 9646 MT= 72 (n,n') Level 96-Cm-247
Cross Section -100.0 To 630.8 %



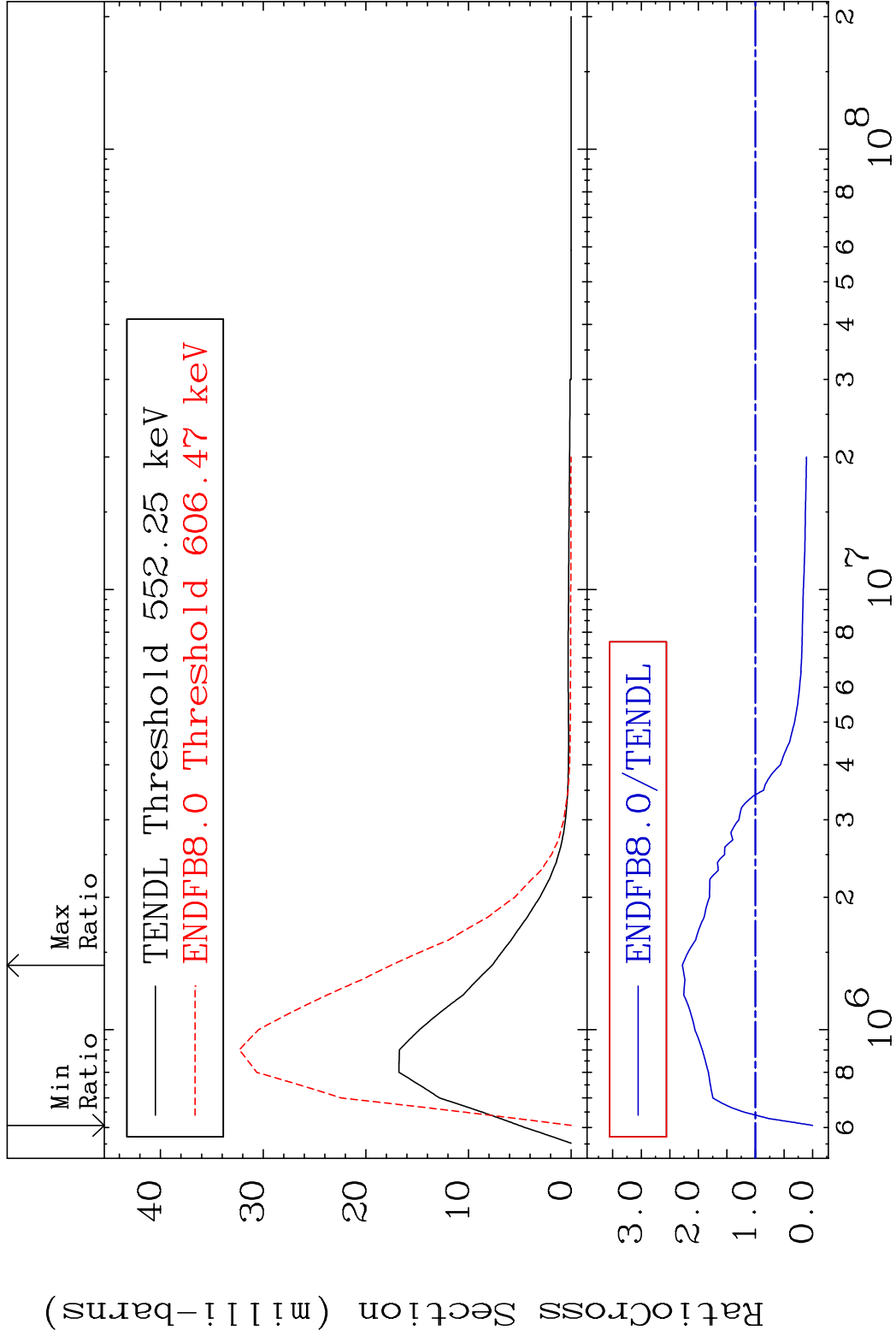
MAT 9646 MT= 73 (n,n') Level 96-Cm-247
Cross Section -100.0 To 607.6 %

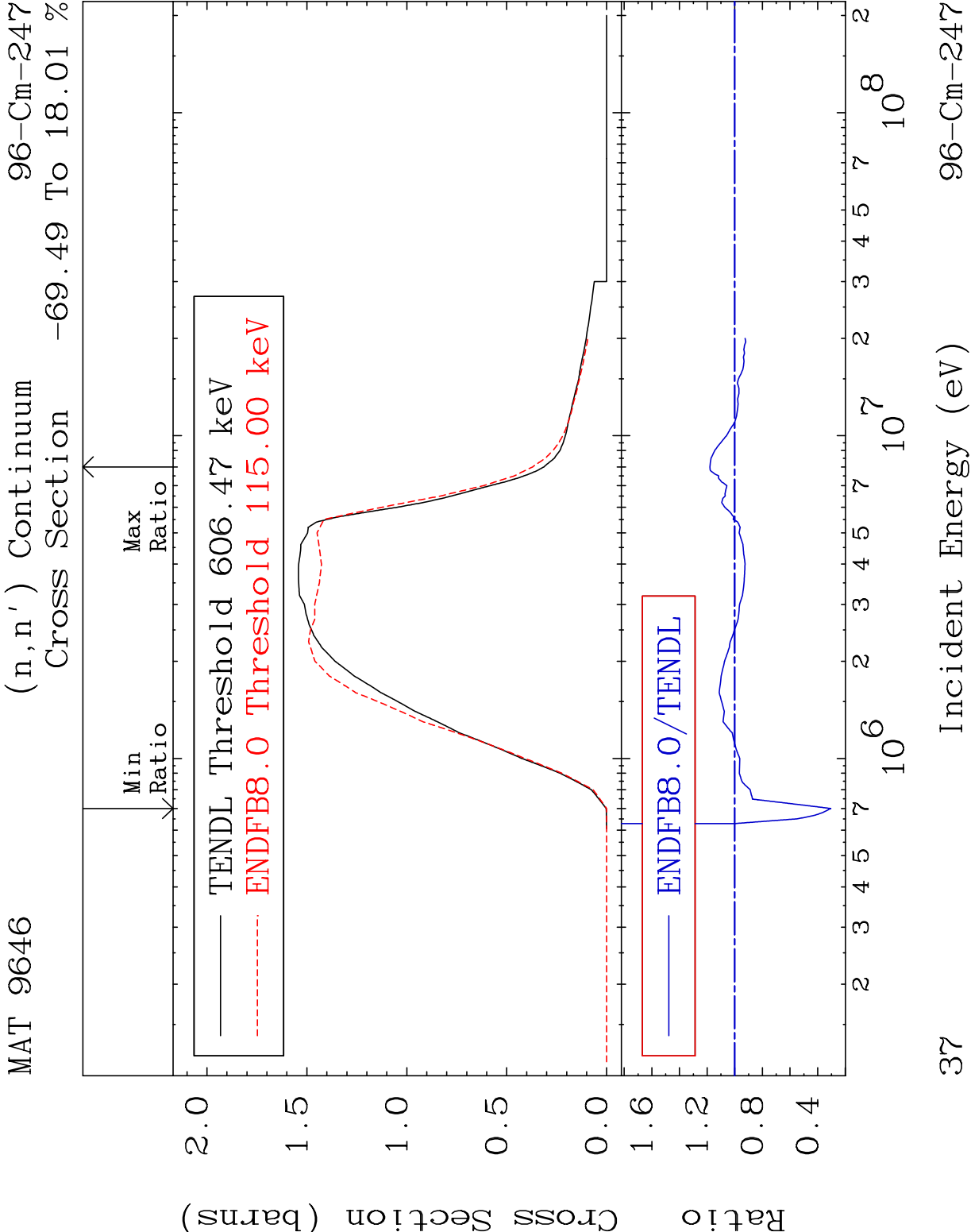


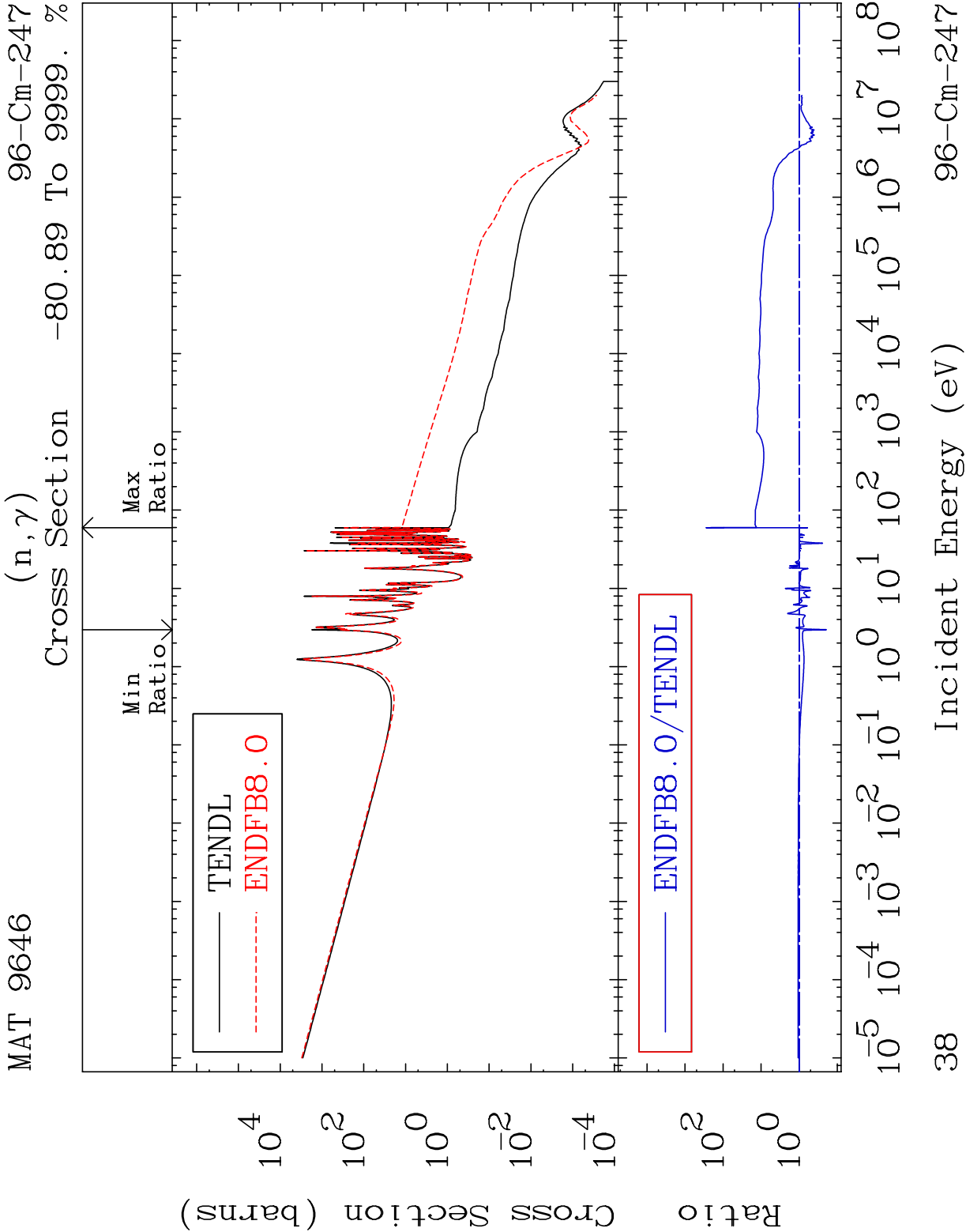
MAT 9646 MT= 74 (n,n') Level 96-Cm-247
Cross Section -100.0 To 9999. %



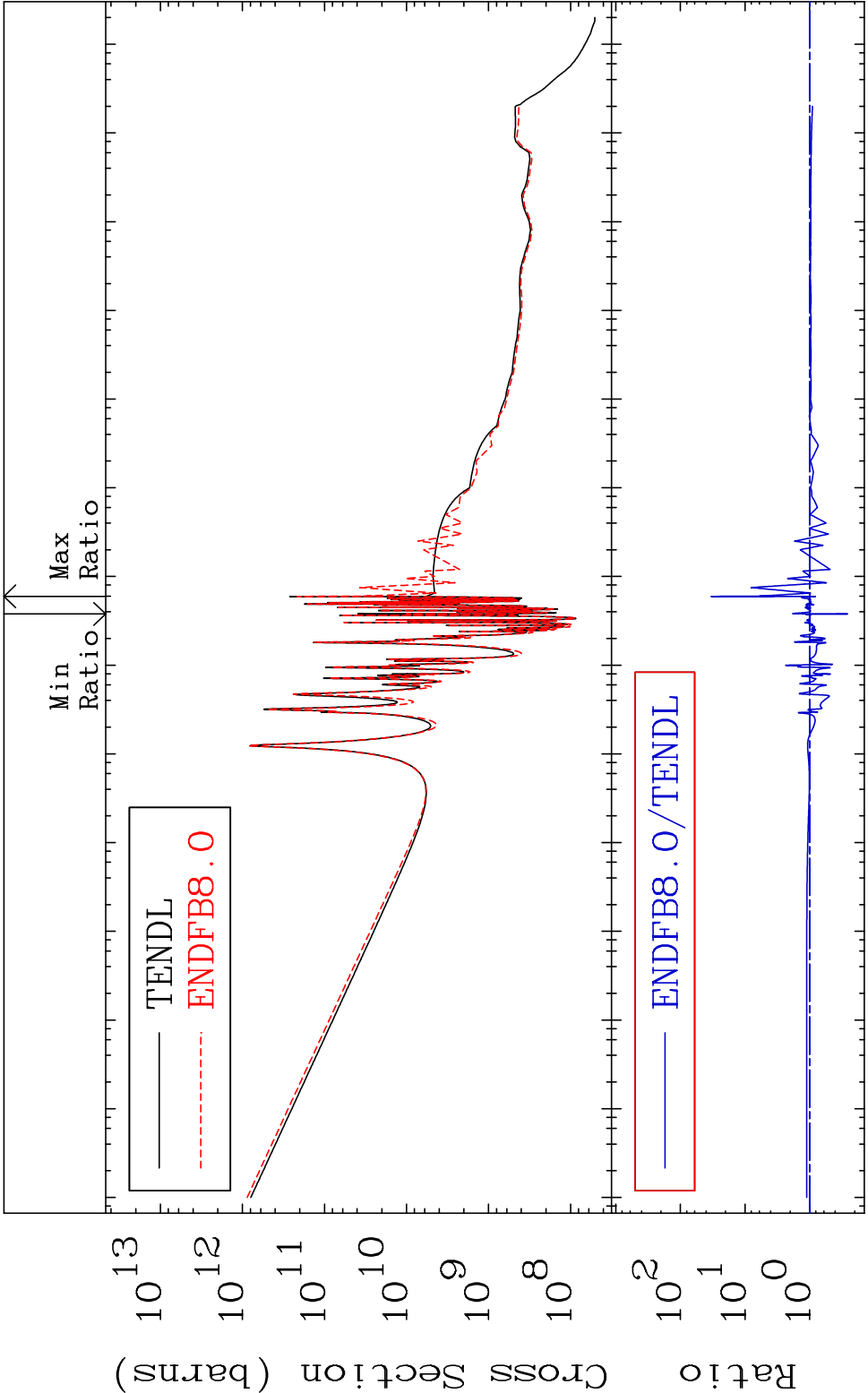
MAT 9646 MT= 75 (n,n') Level 96-Cm-247
Cross Section -100.0 To 128.0 %



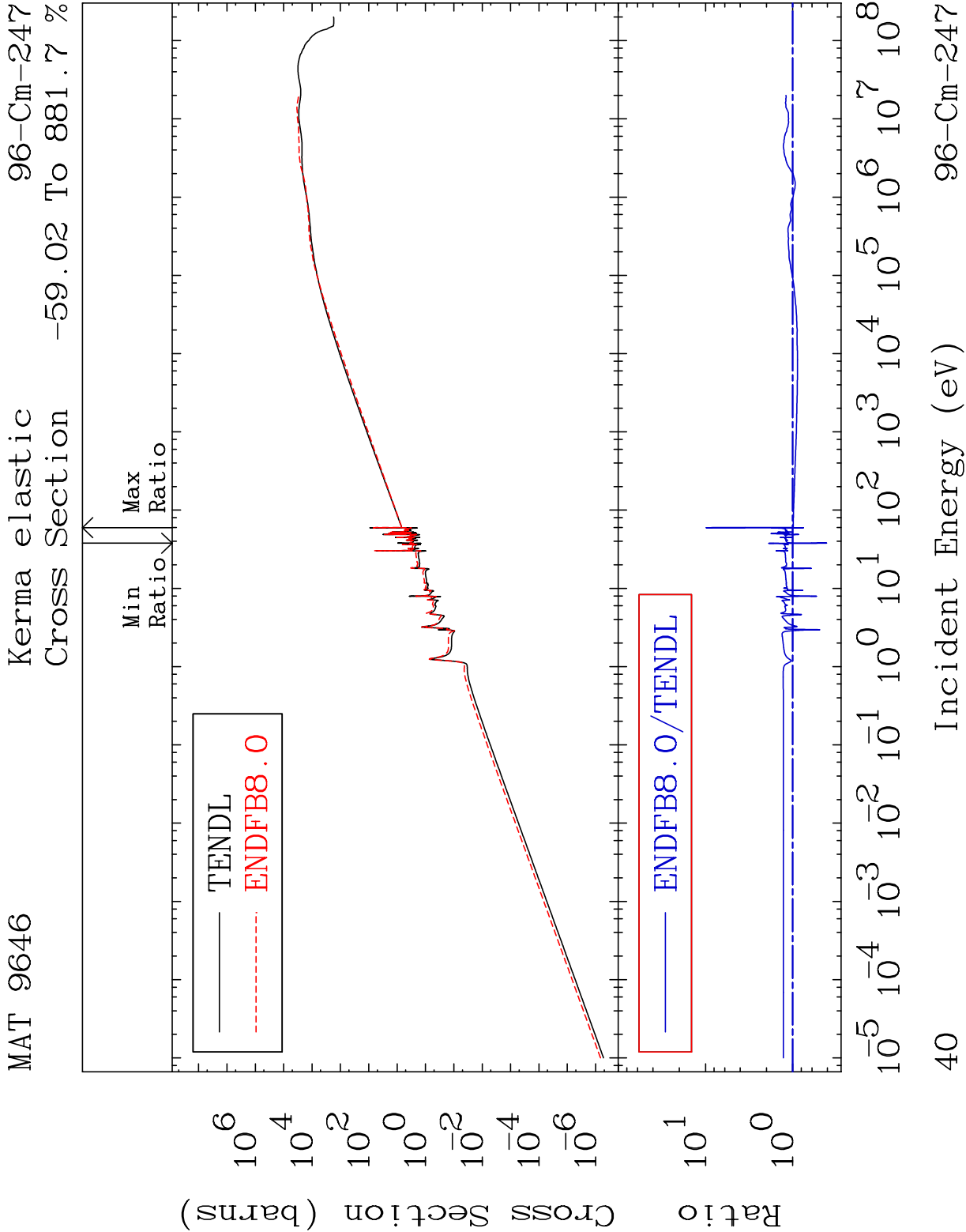




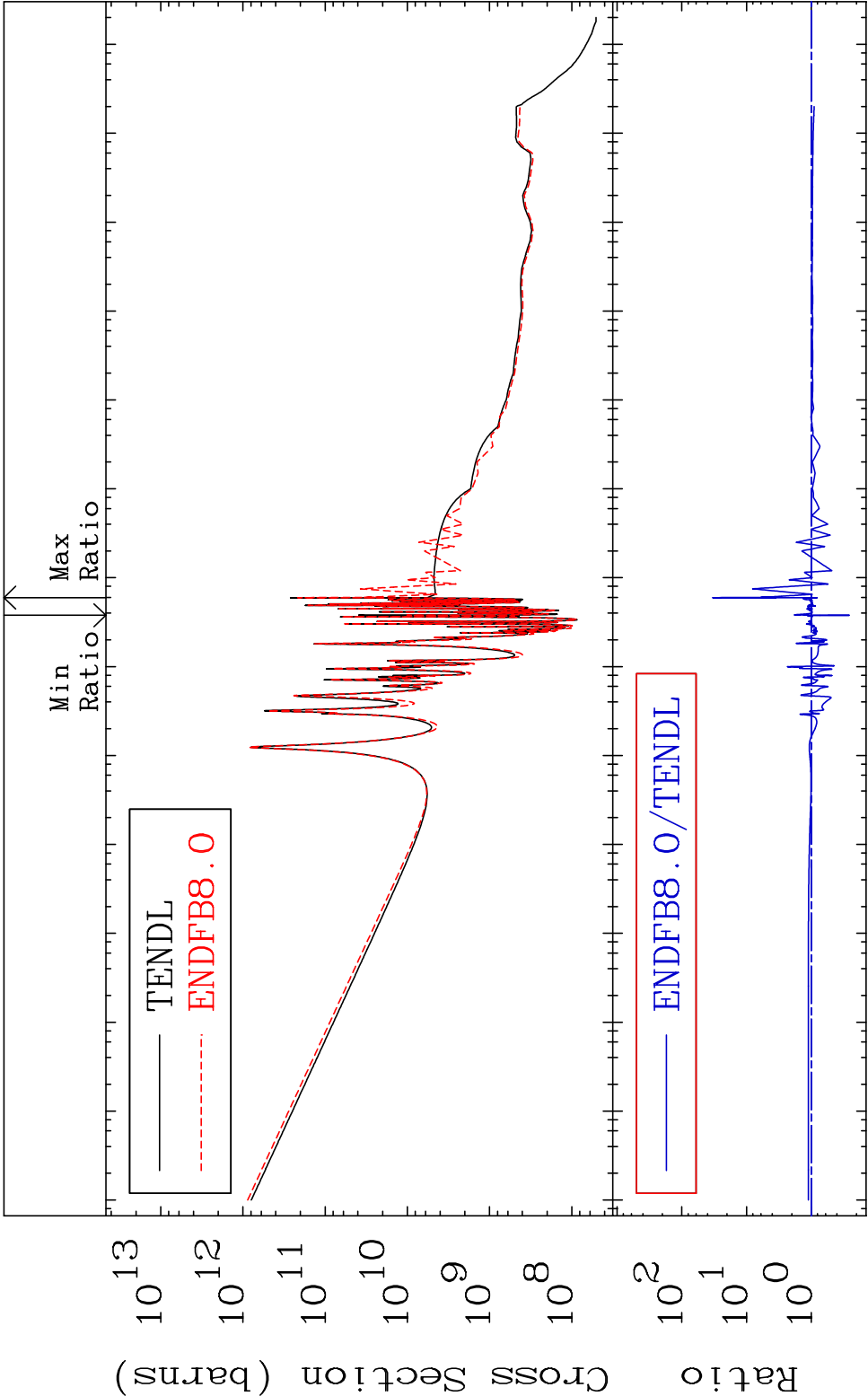
MAT 9646 Kerma total (eV-barns) 96-Cm-247
Cross Section -74.38 To 3220. %



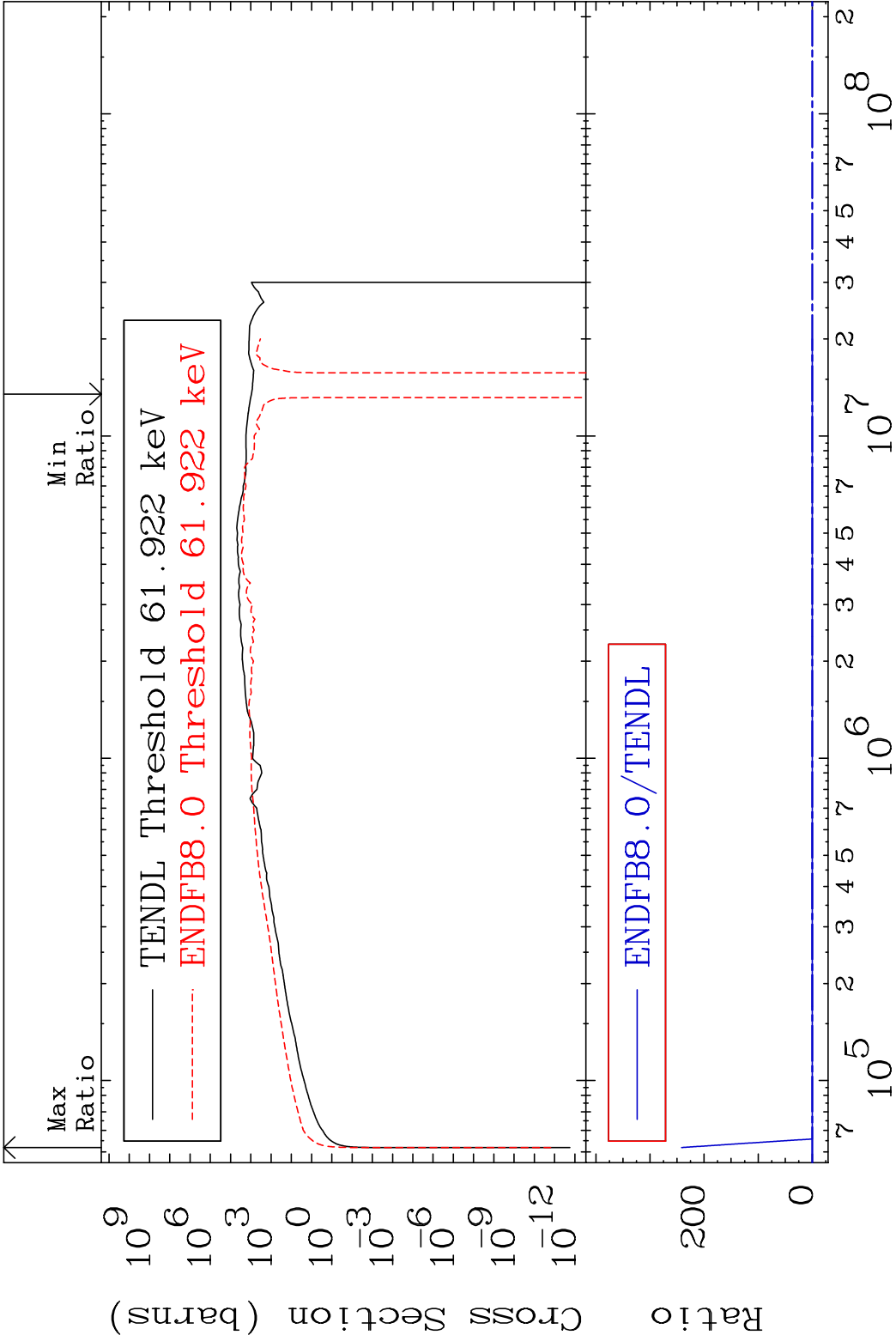
39 Incident Energy (eV) 96-Cm-247



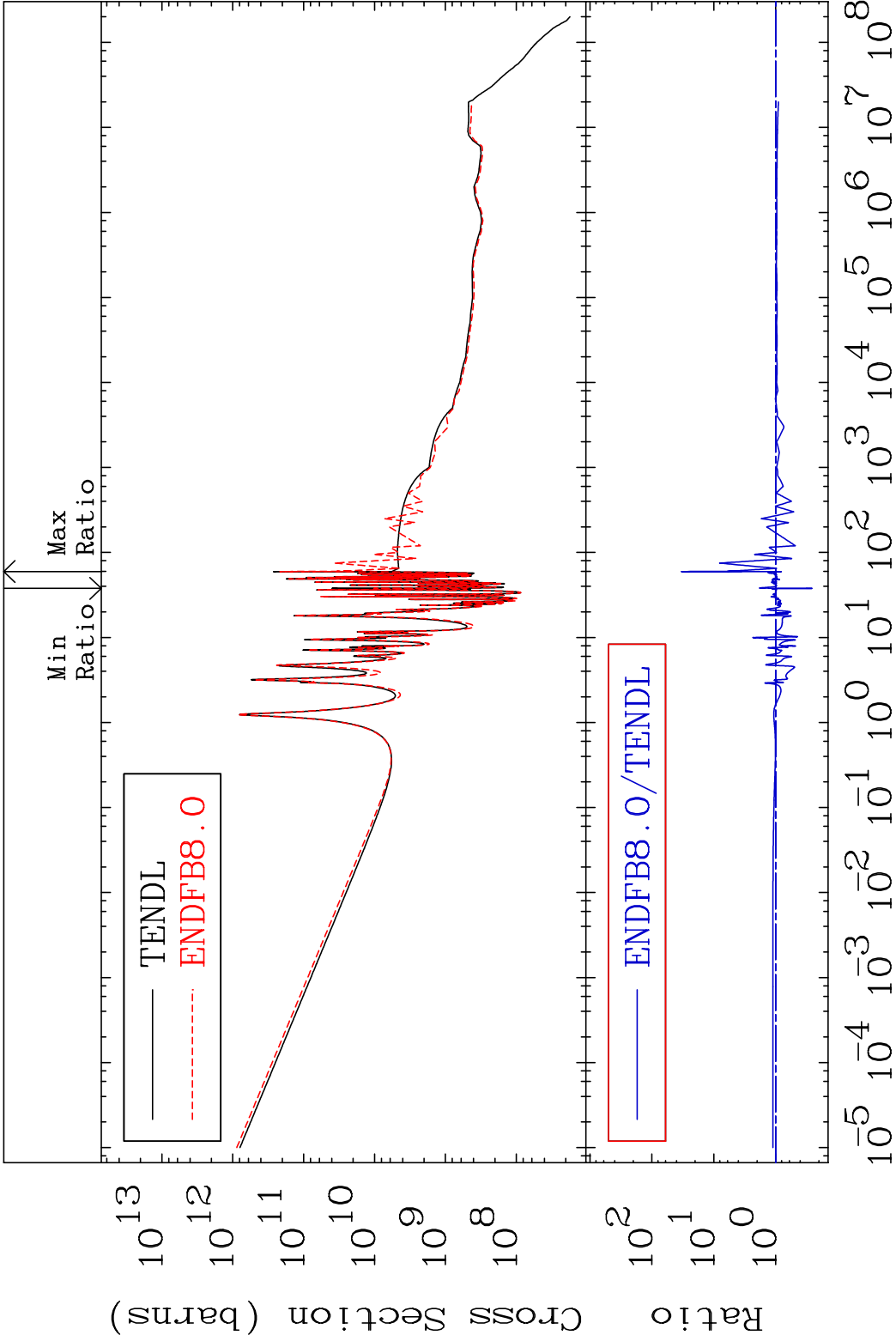
MAT 9646 Kerma non-elastic (all but mt2) 96-Cm-247
Cross Section -74.38 To 3220. %



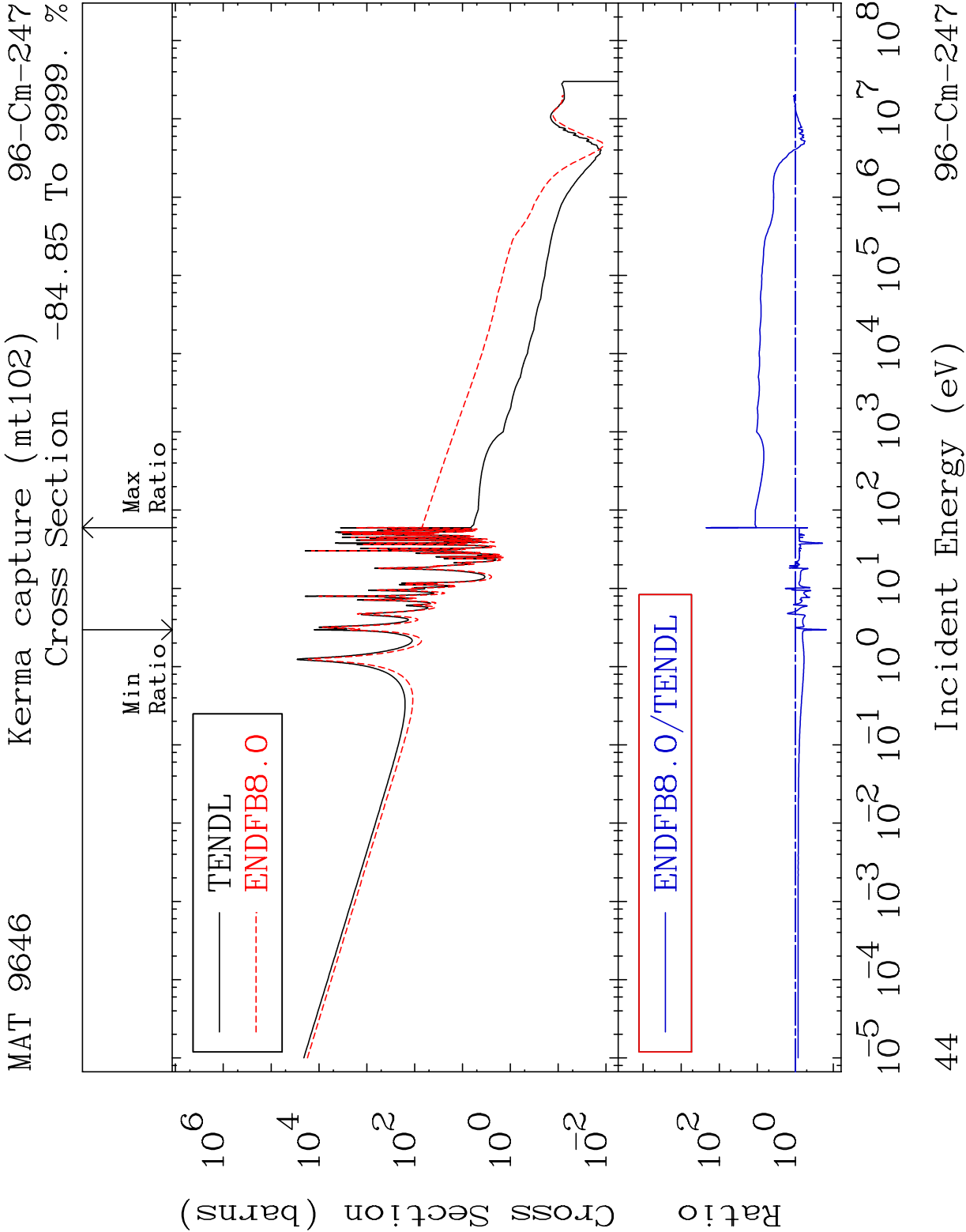
41 Incident Energy (eV) 96-Cm-247



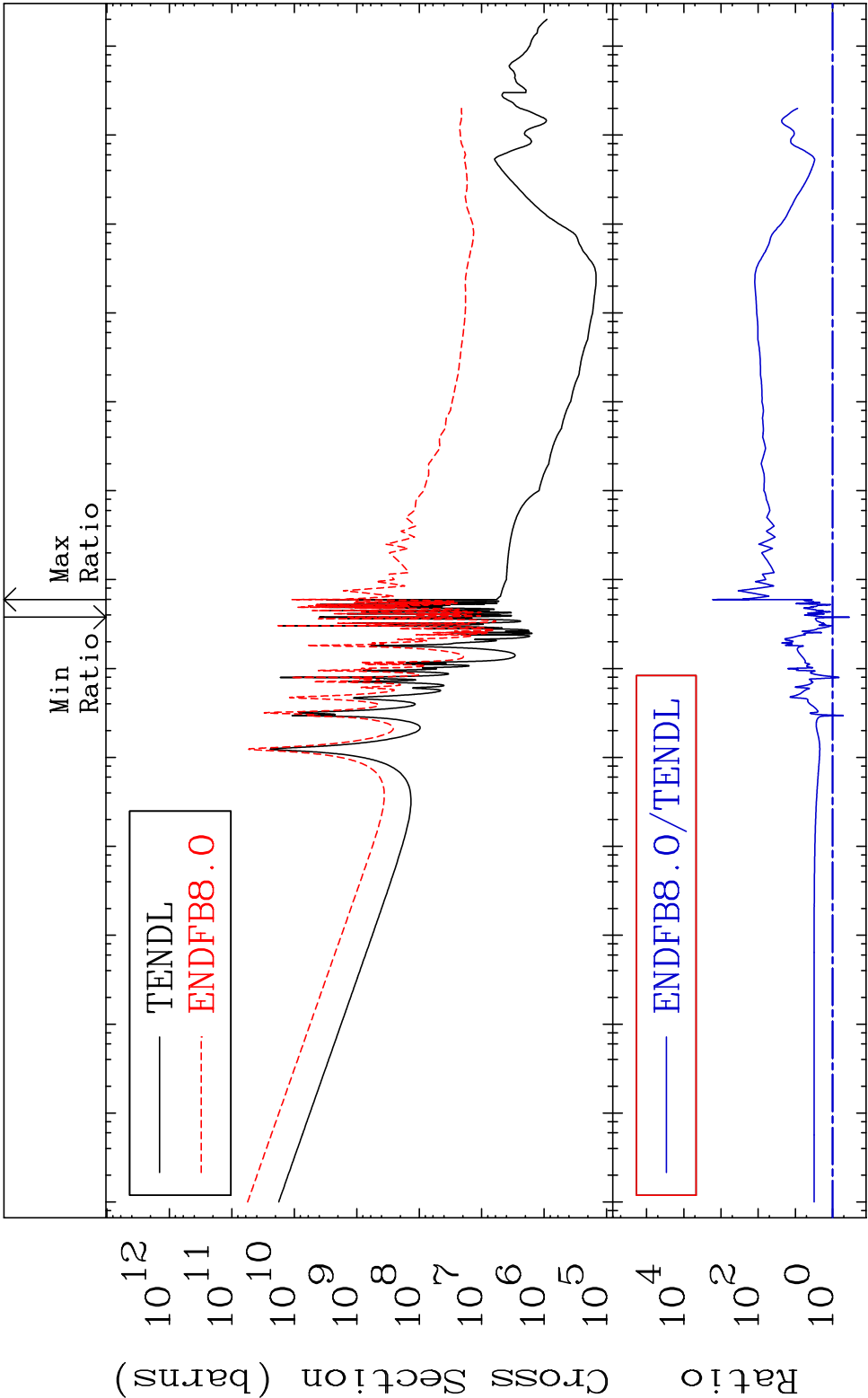
MAT 9646 Kerma fission (mt18 or mt19-20-21-38) 96-Cm-247
Cross Section -74.38 To 3220. %



43 Incident Energy (eV) 96-Cm-247

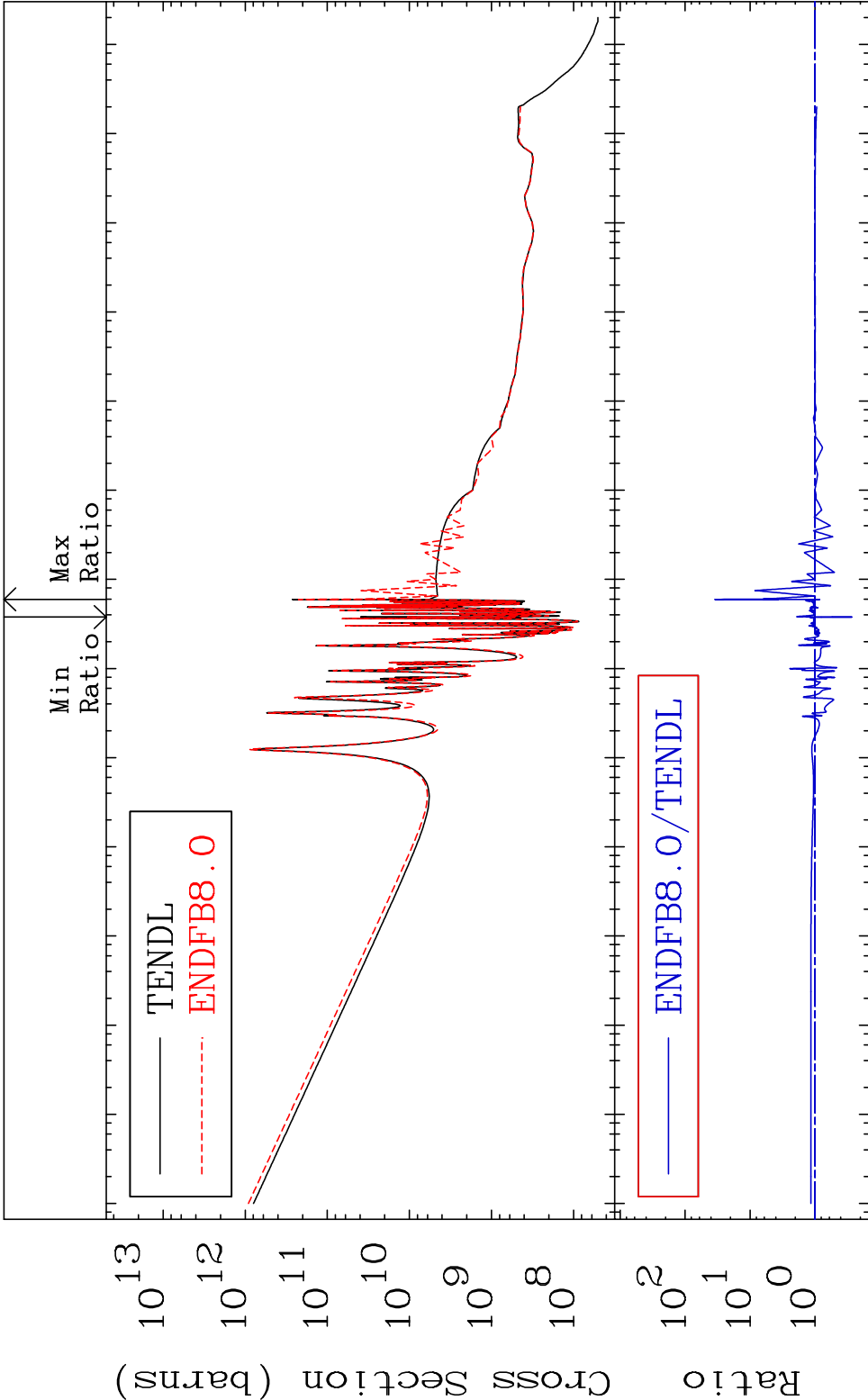


MAT 9646 Total photon (eV-barns) 96-Cm-247
Cross Section -65.04 To 9999. %

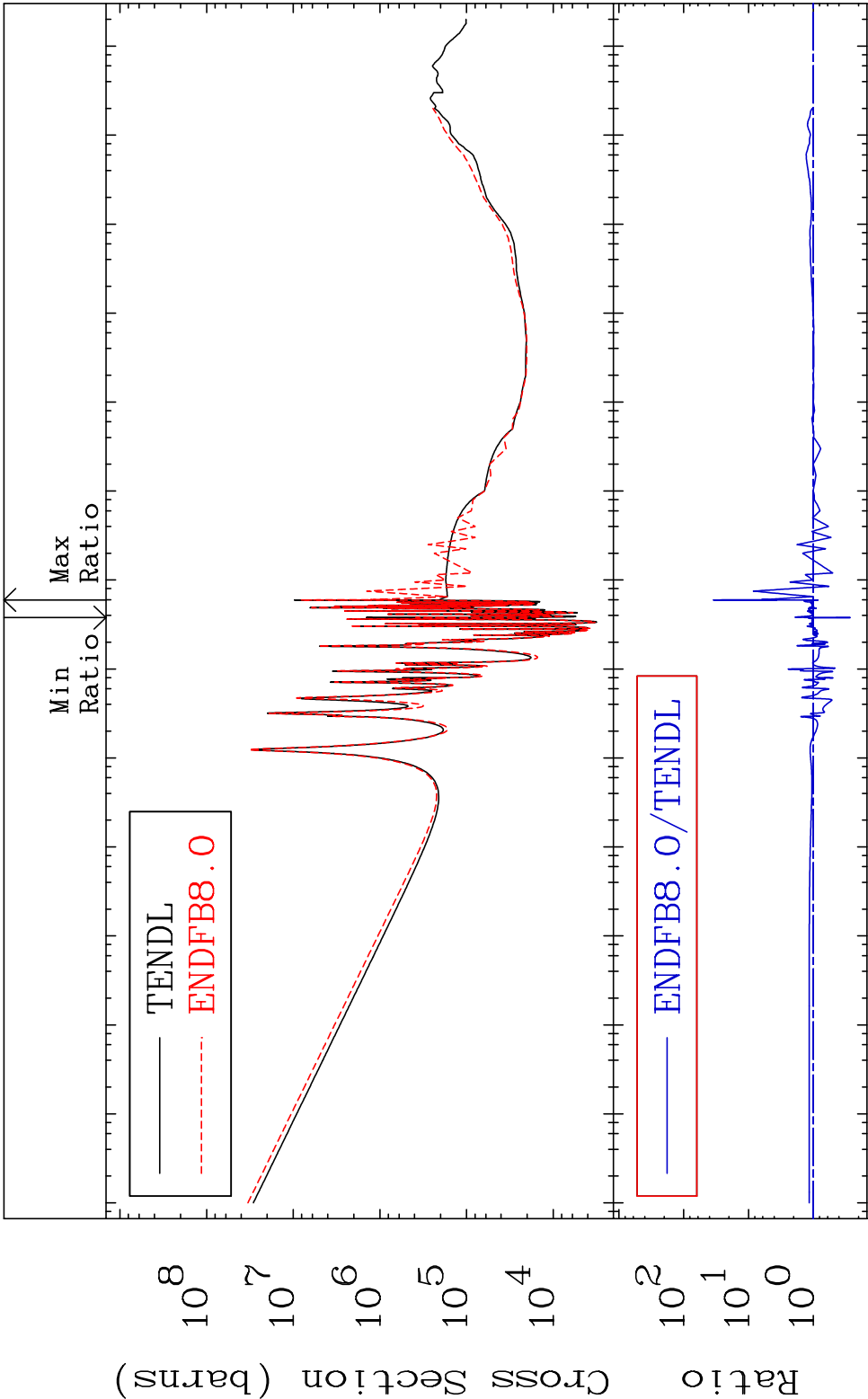


45 Incident Energy (eV) 96-Cm-247

MAT 9646 Total kinematic kerma (high limit) 96-Cm-247
Cross Section -73.31 To 3359. %

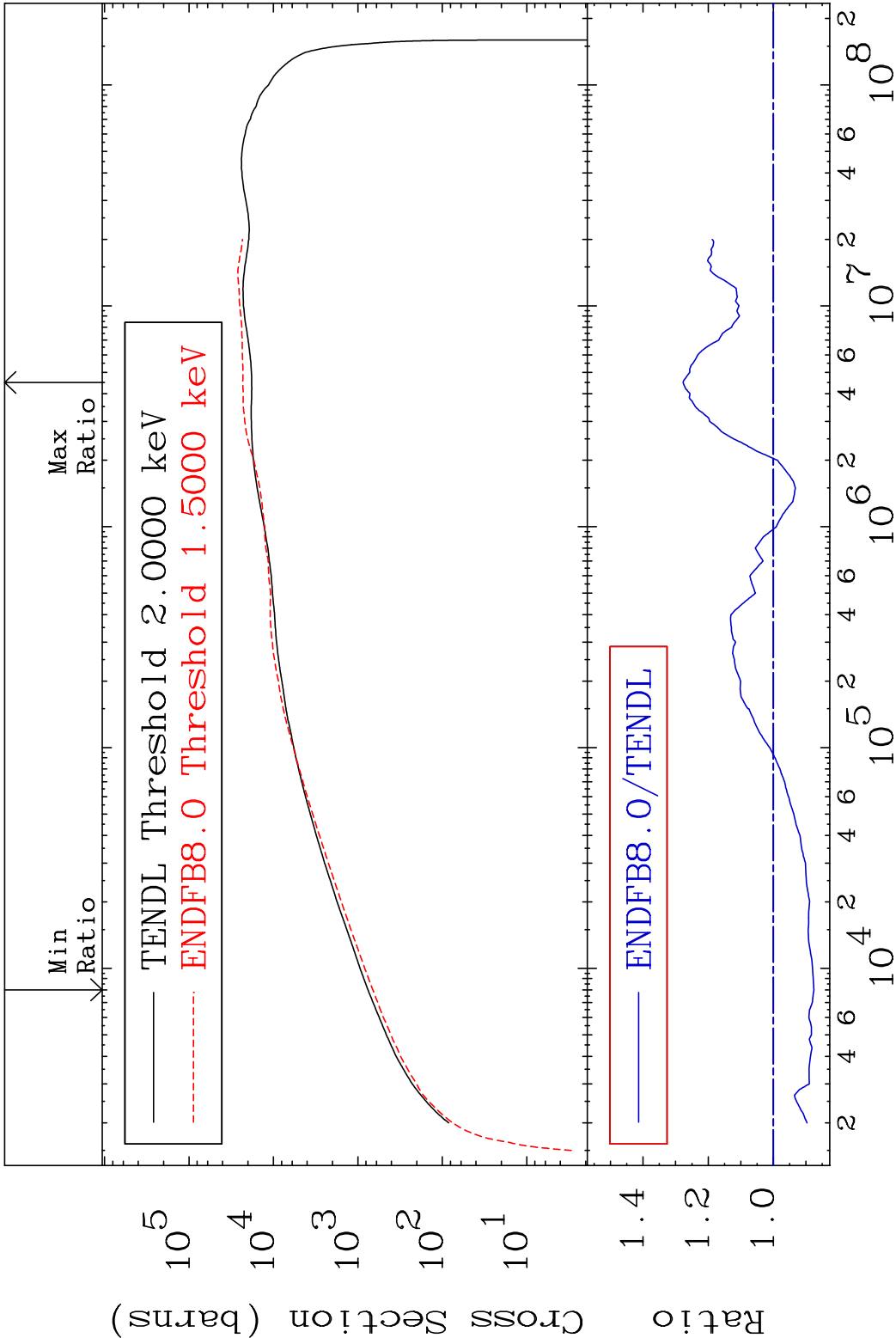


MAT 9646 Dpa total (eV-barns) 96-Cm-247
Cross Section -73.30 To 3360. %

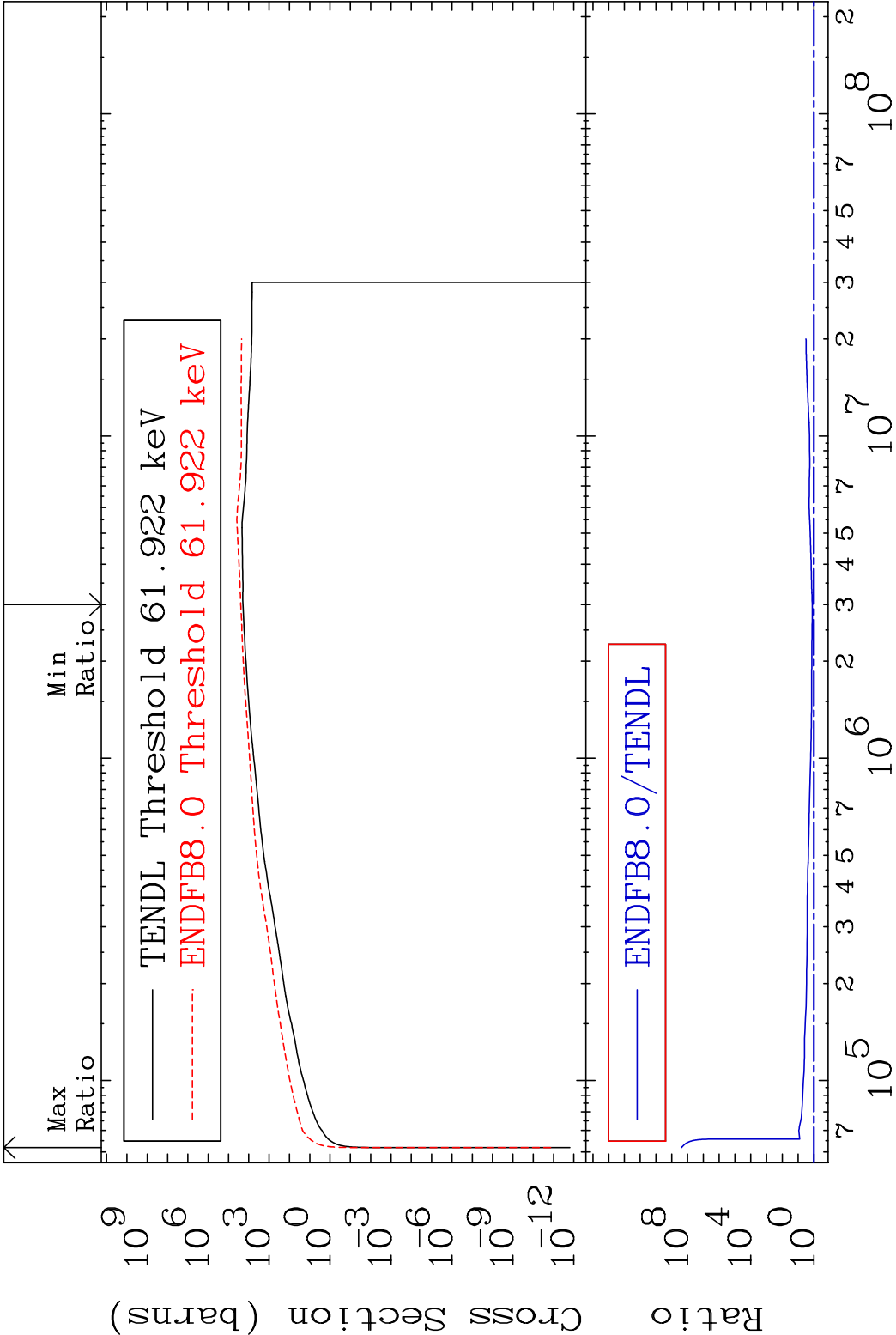


47 Incident Energy (eV) 96-Cm-247

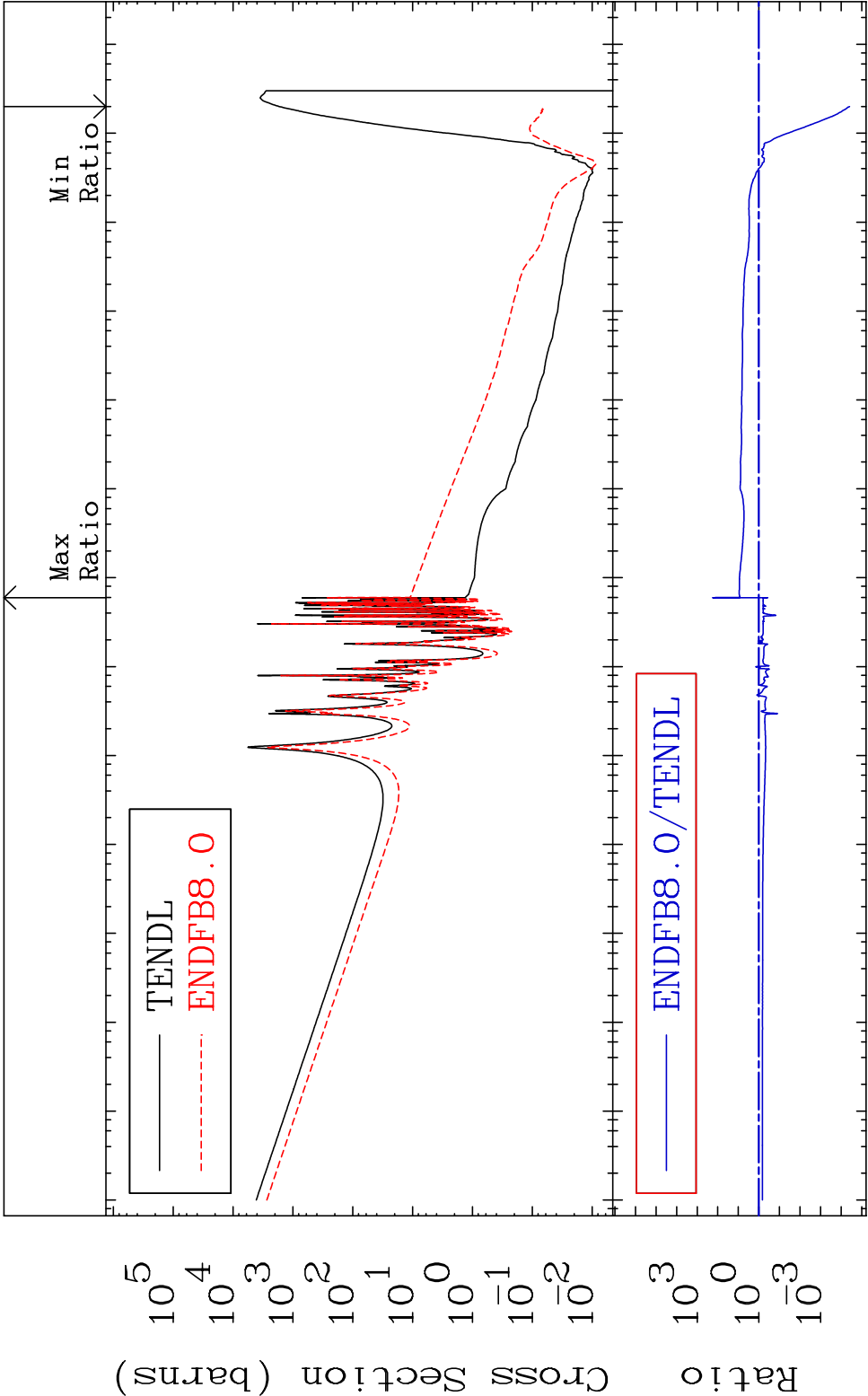
MAT 9646 Dpa elastic (mt2) 96-Cm-247
Cross Section -12.42 To 27.72 %



MAT 9646 Dpa inelastic (mt51-91) 96-Cm-247
Cross Section 26.50 To 9999. %



MAT 9646 Dpa disappearance (mt102 -120) 96-Cm-247
Cross Section -100.0 To 9999. %



50 Incident Energy (eV) 96-Cm-247