

Program Complot
(Version 2021-1)

by

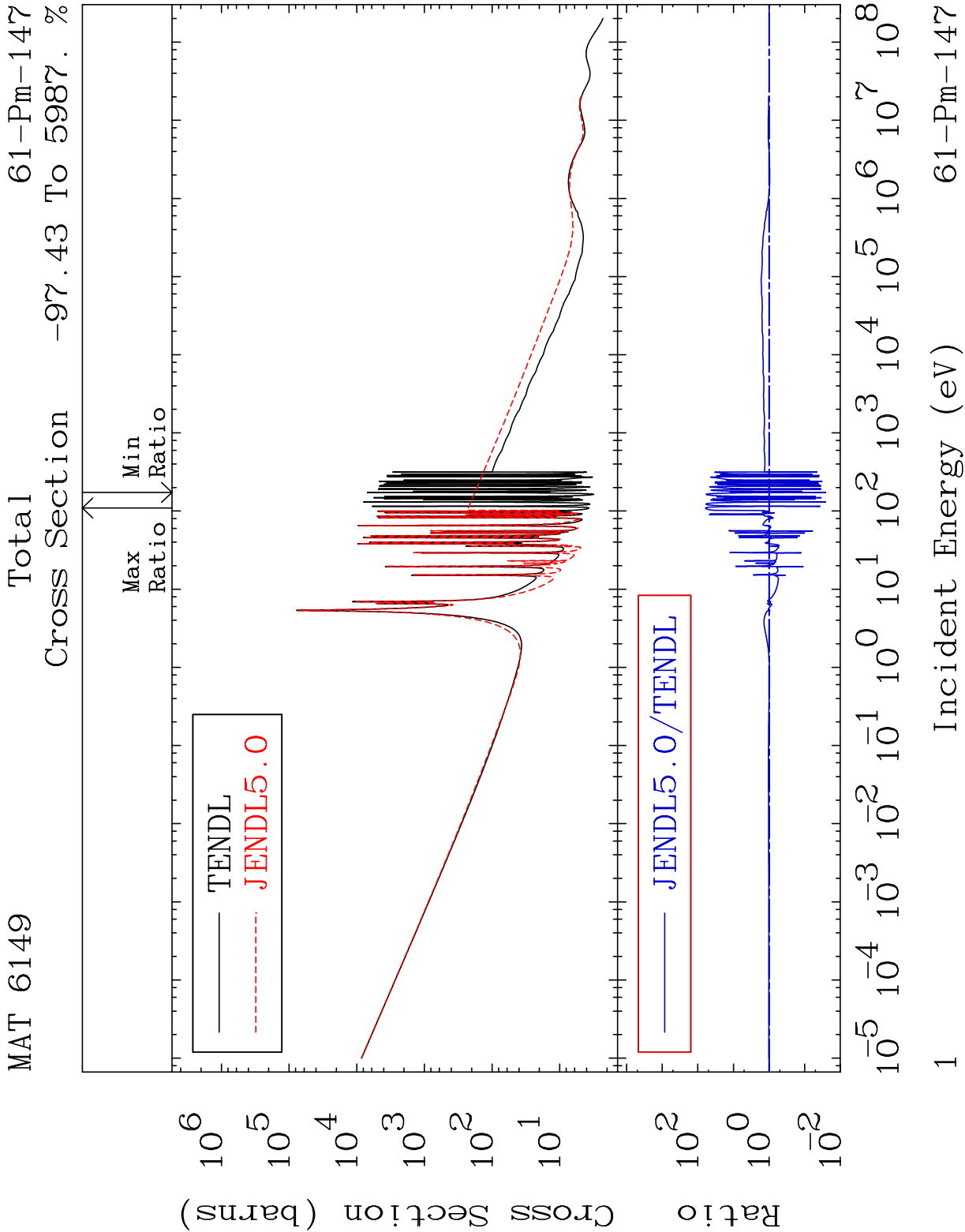
Dermott E. Cullen
(Present Contact Information)

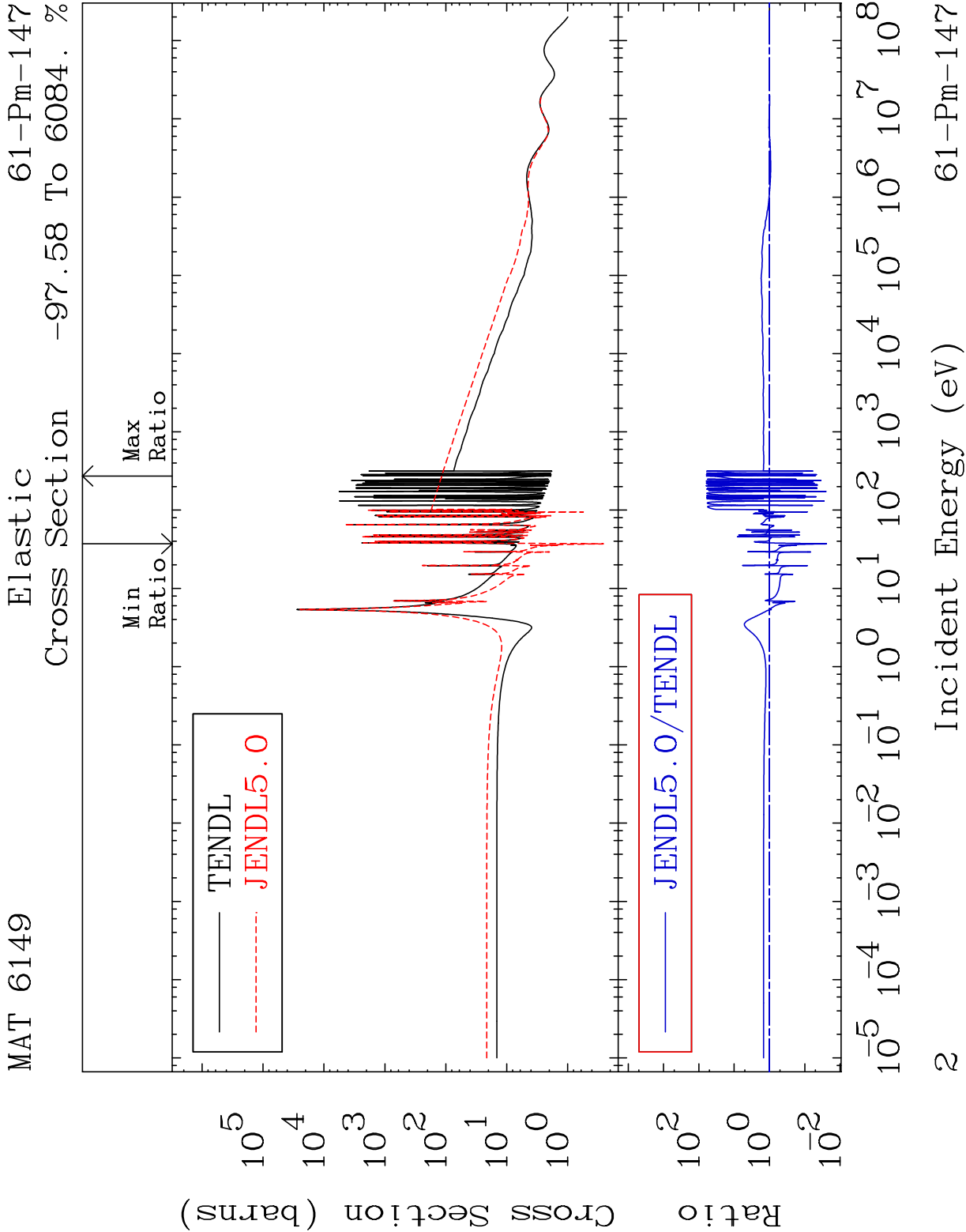
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

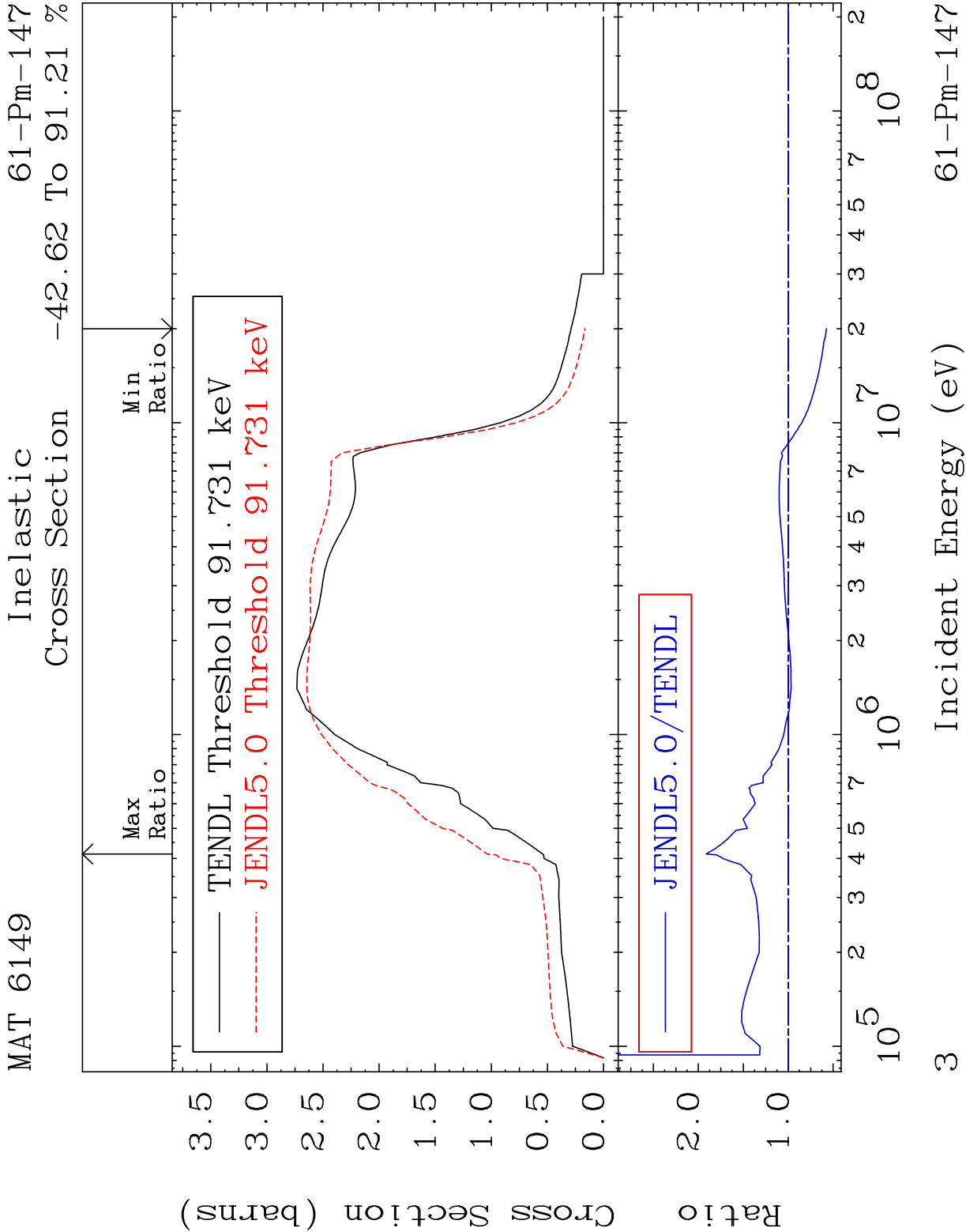
Tele: 925-443-1911

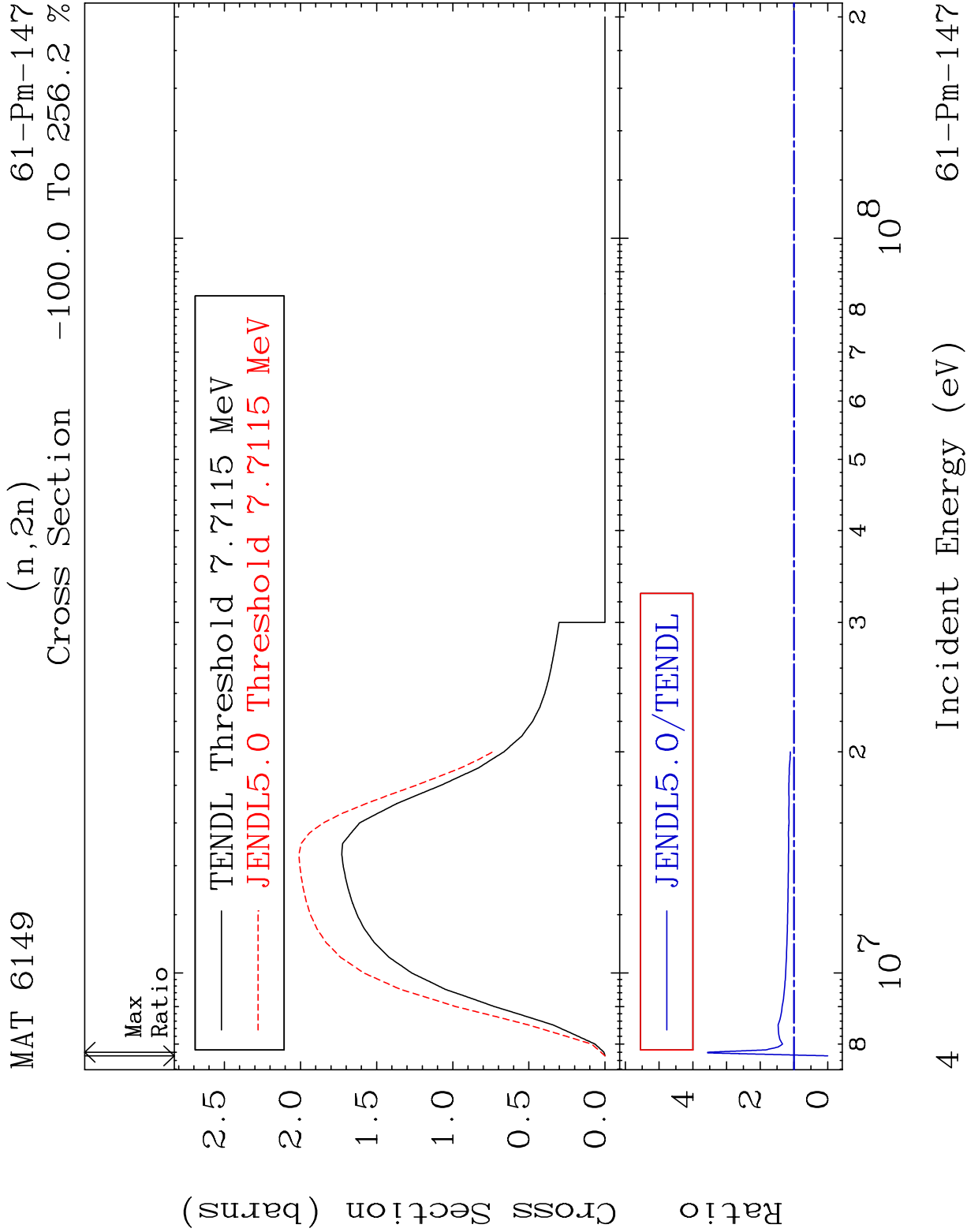
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

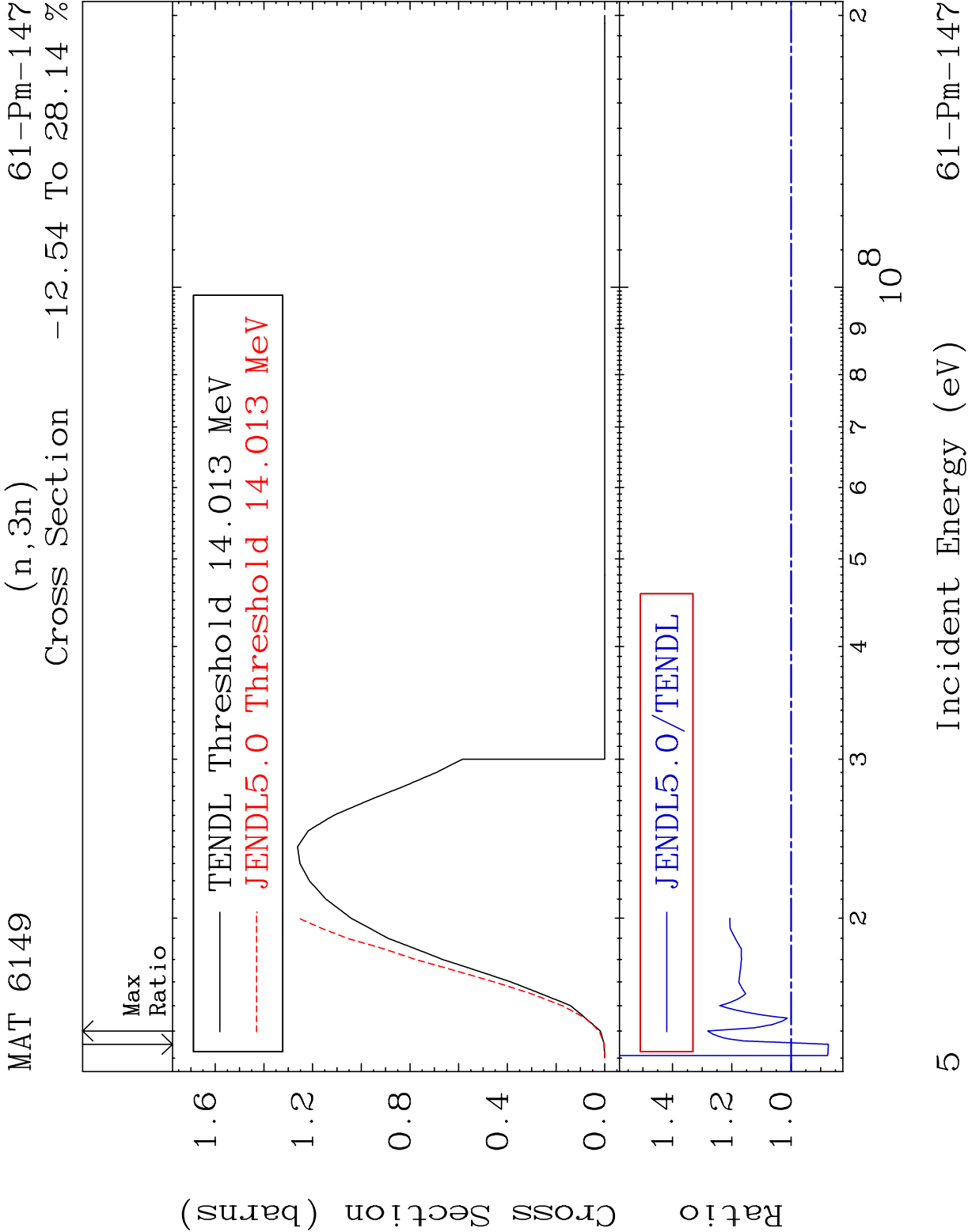
Press Mouse Button to Start



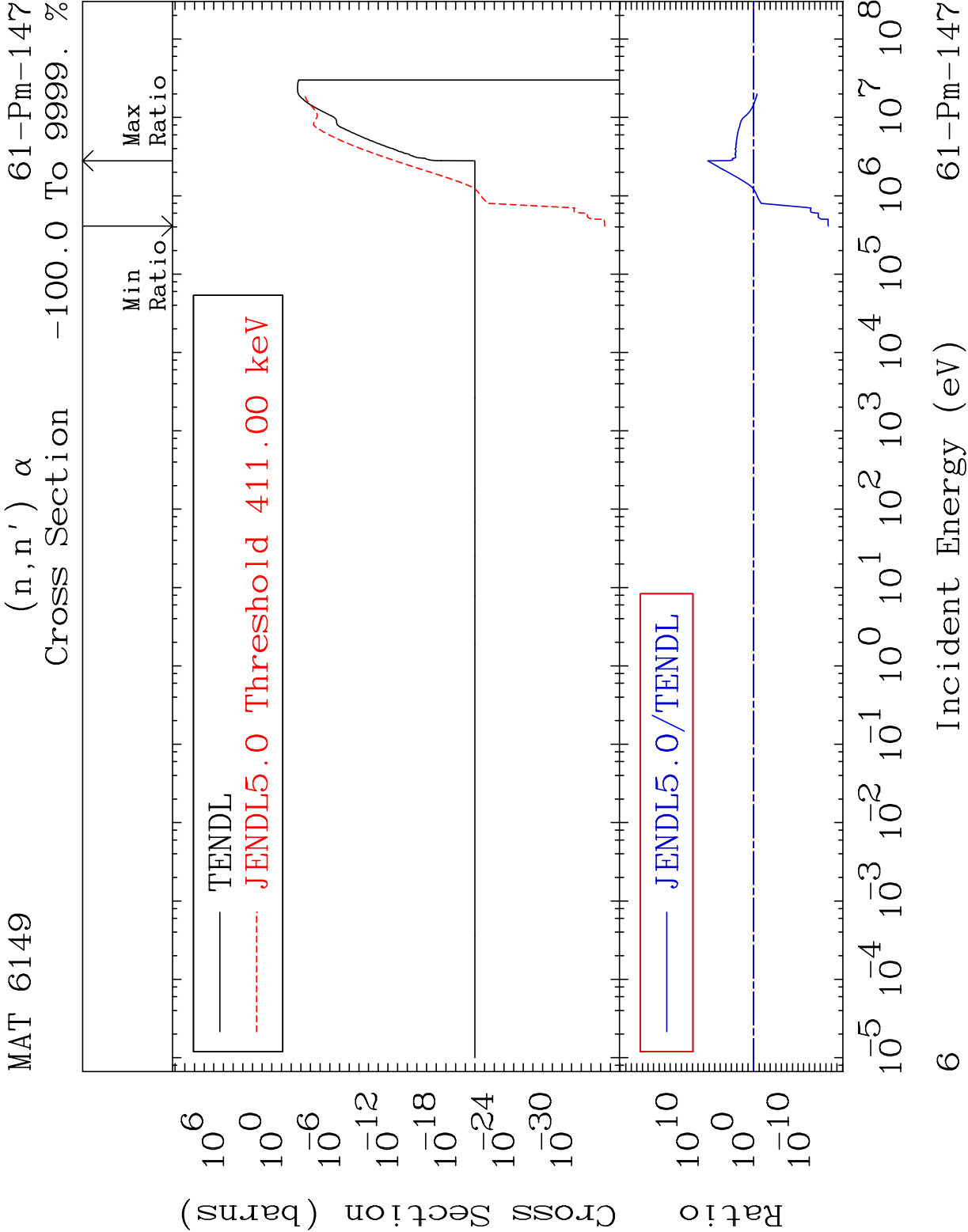








5

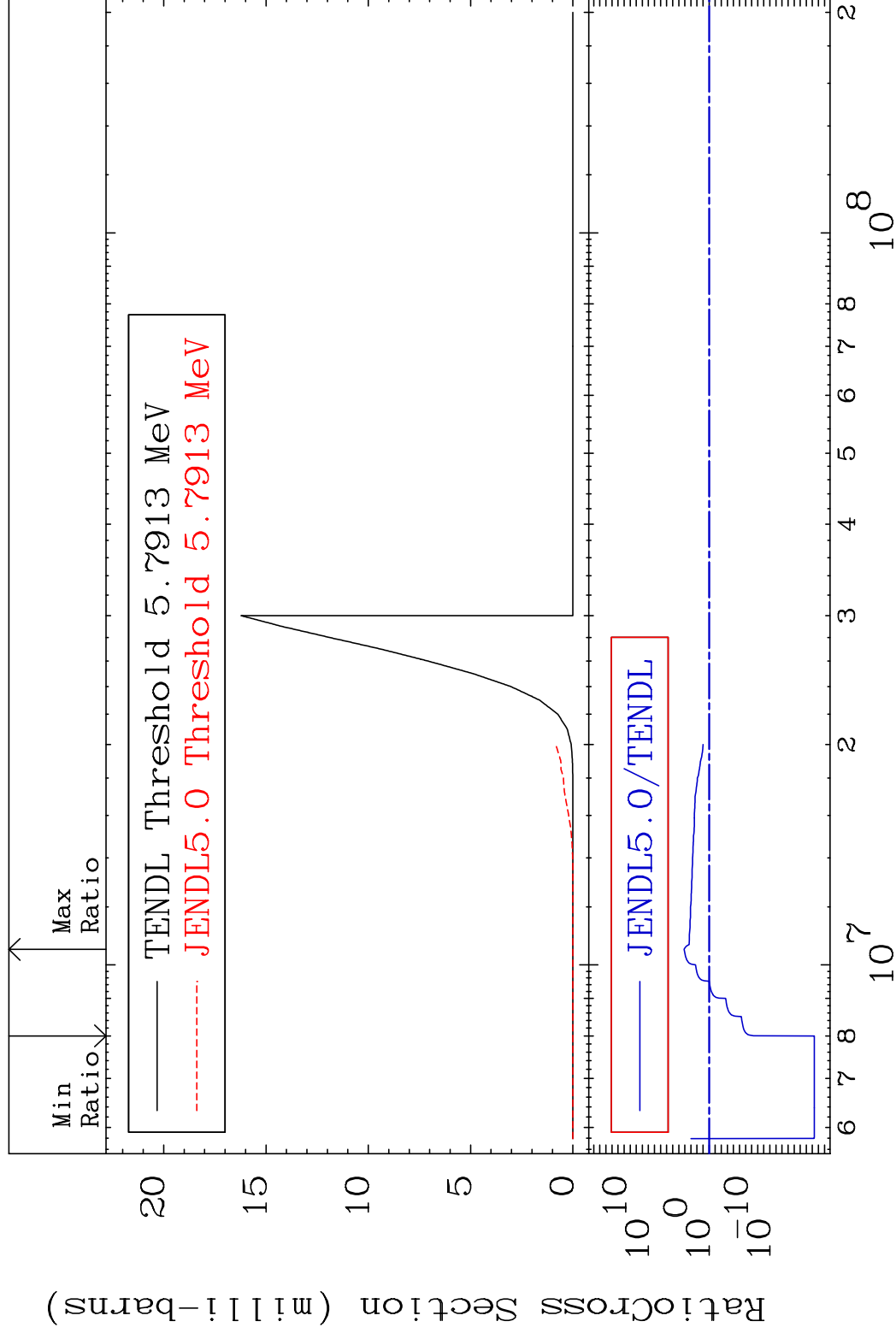


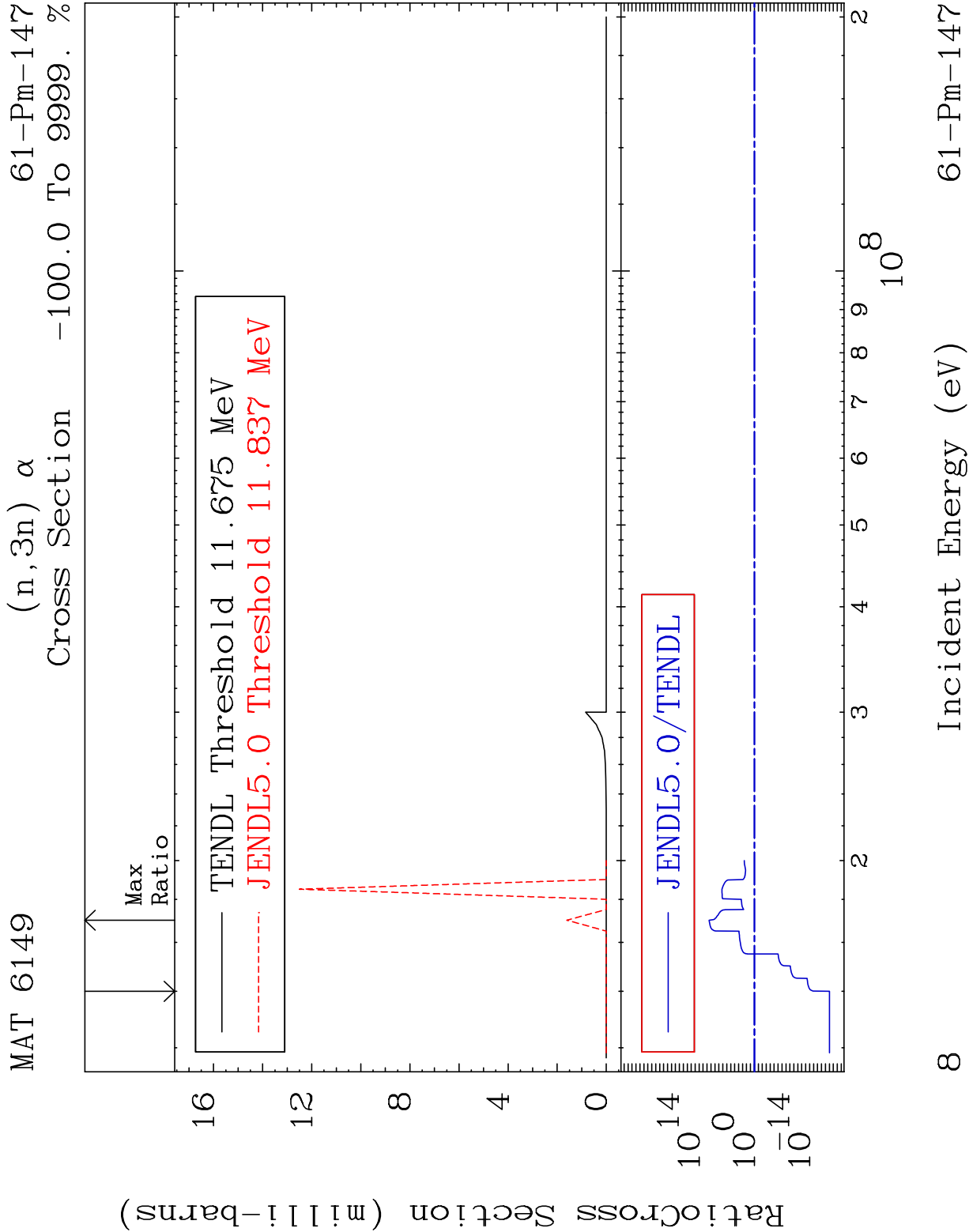
MAT 6149

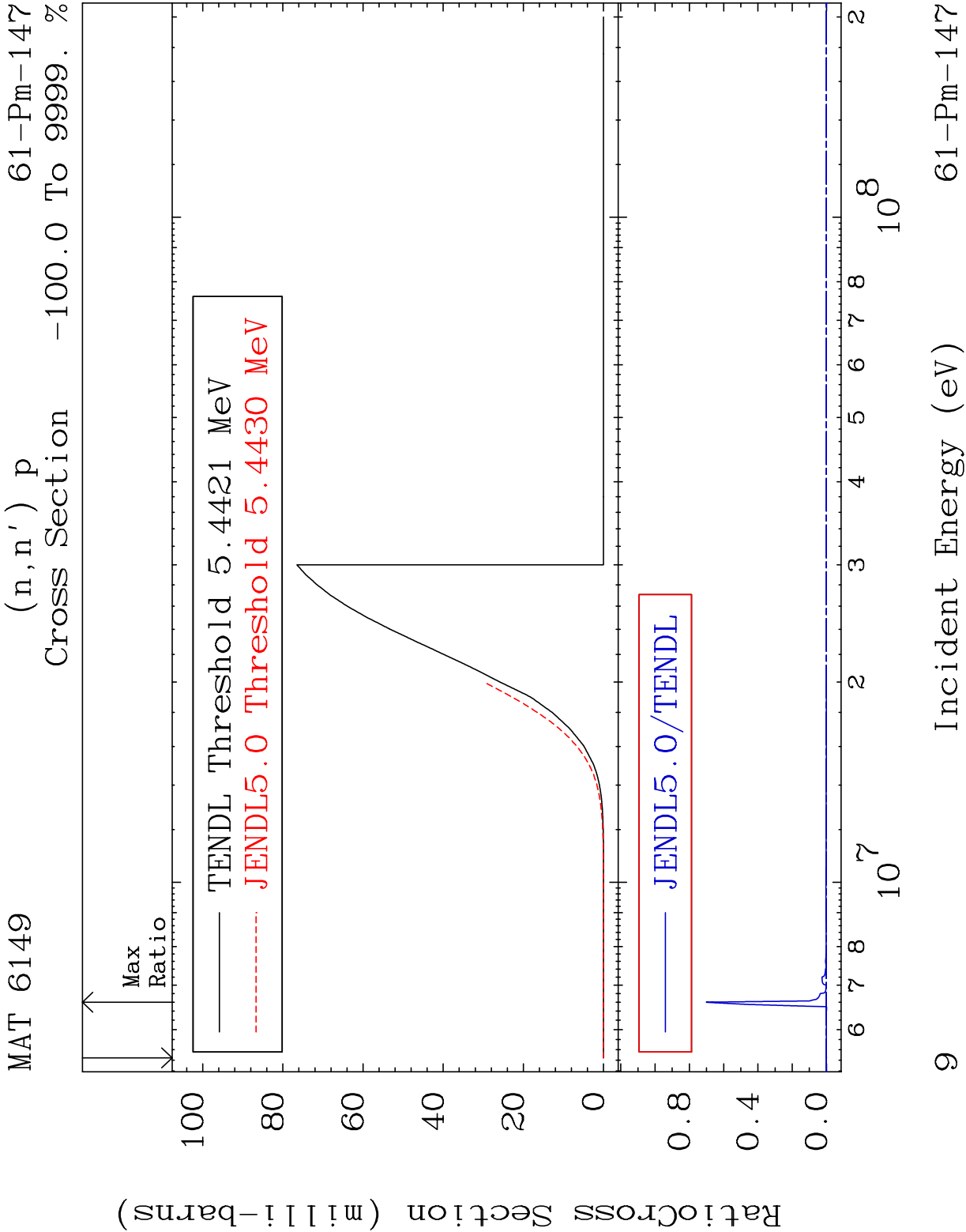
$$(n, 2n) \propto$$

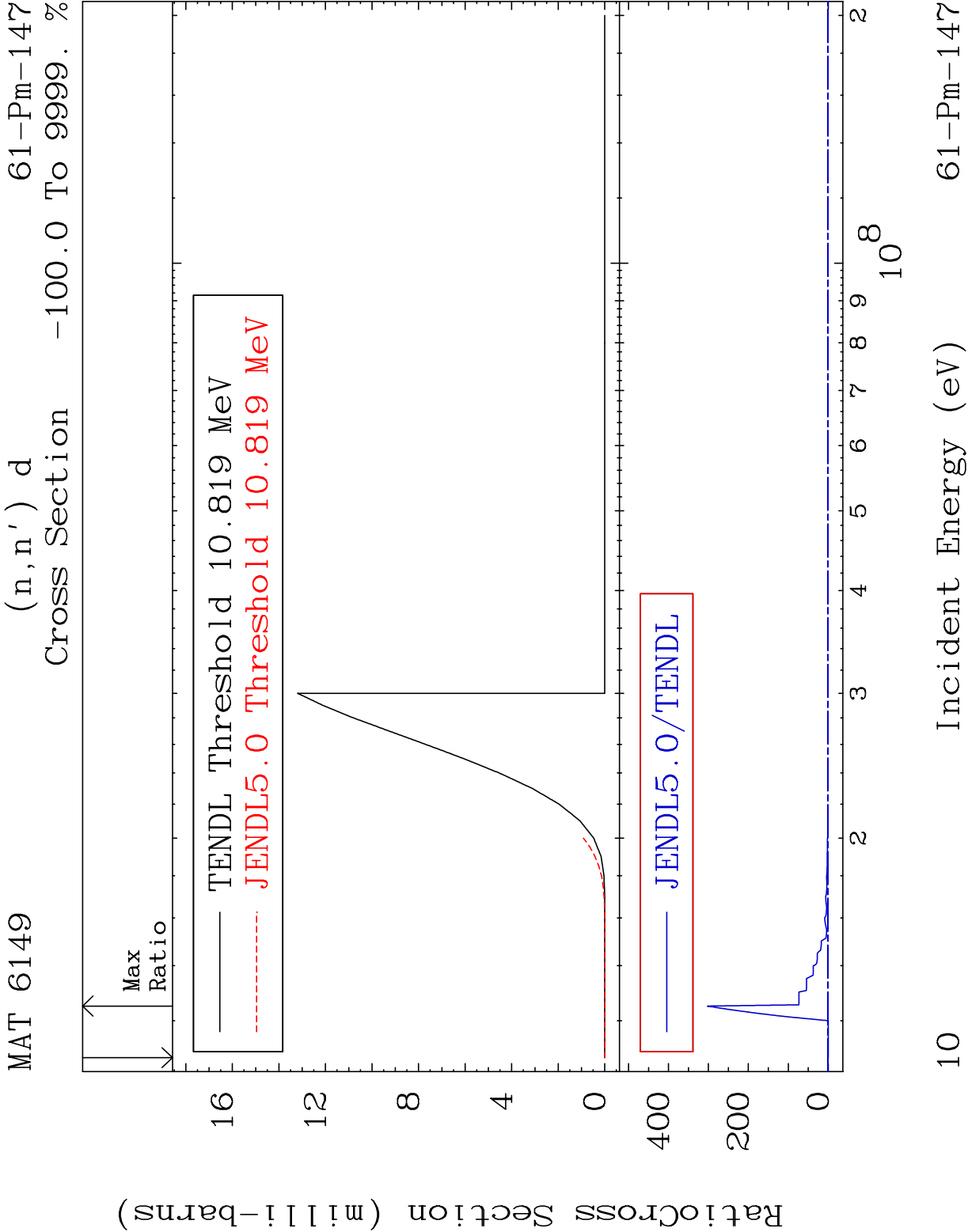
61-Pm-147

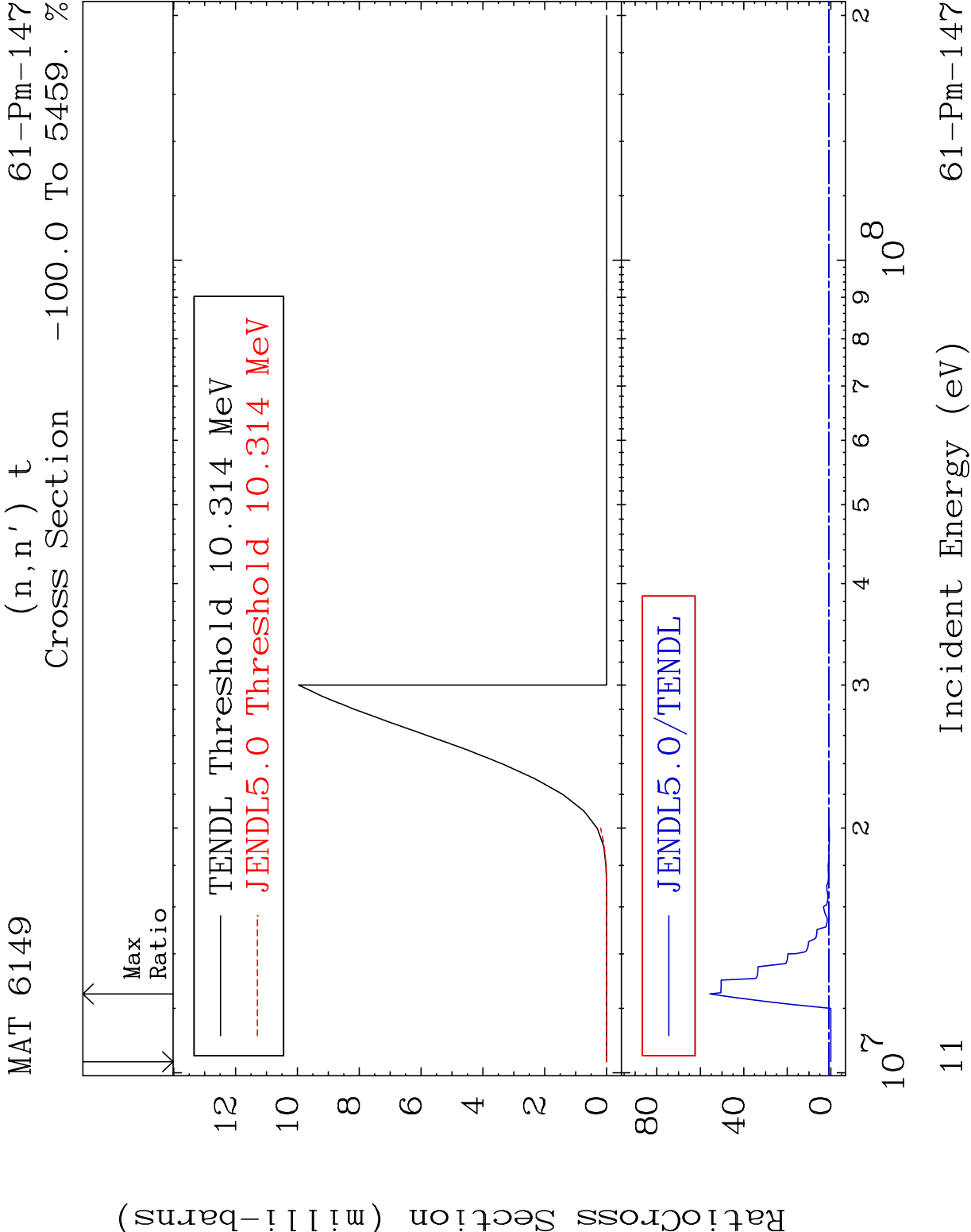
Cross Section -100.0 To 9999. %

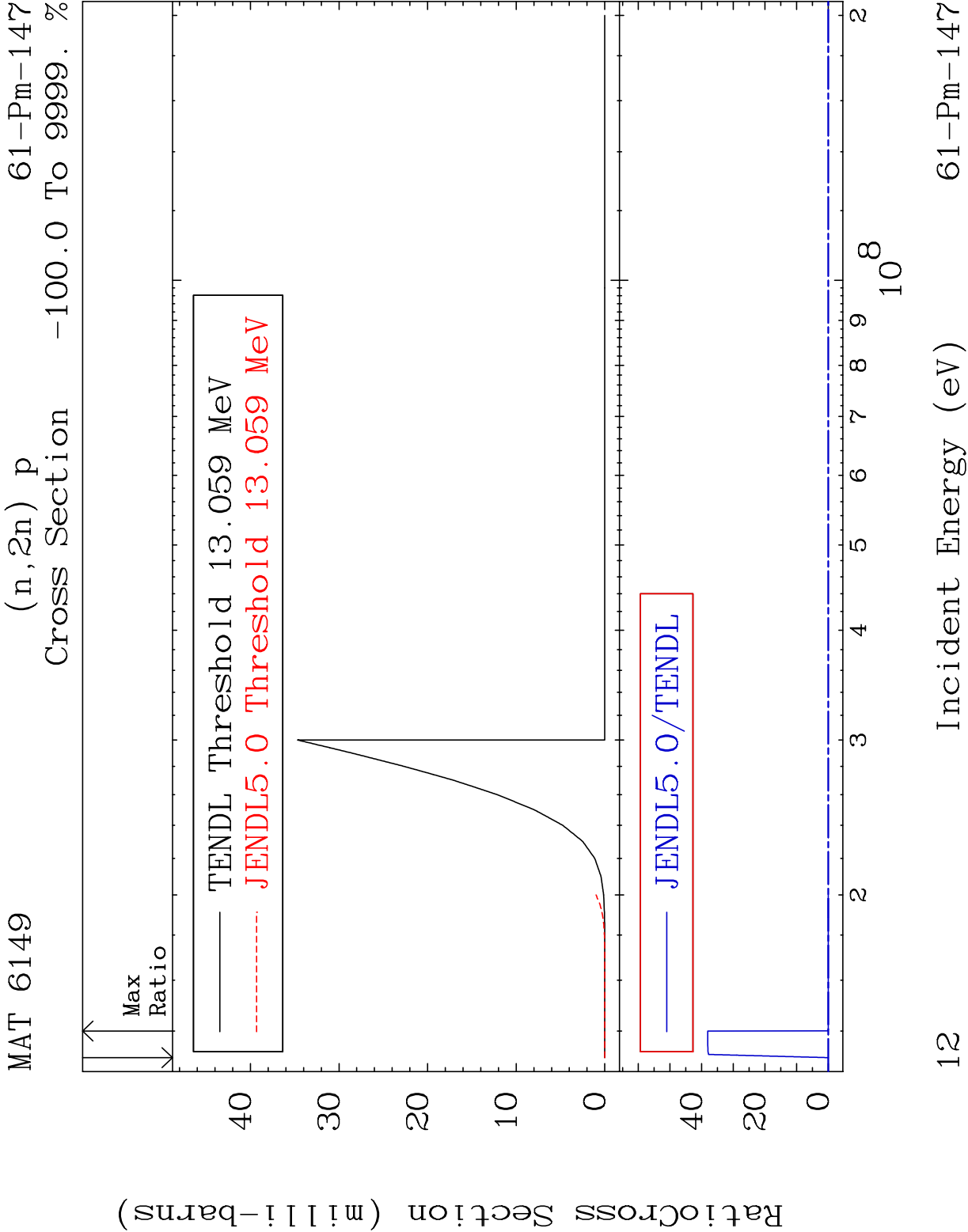










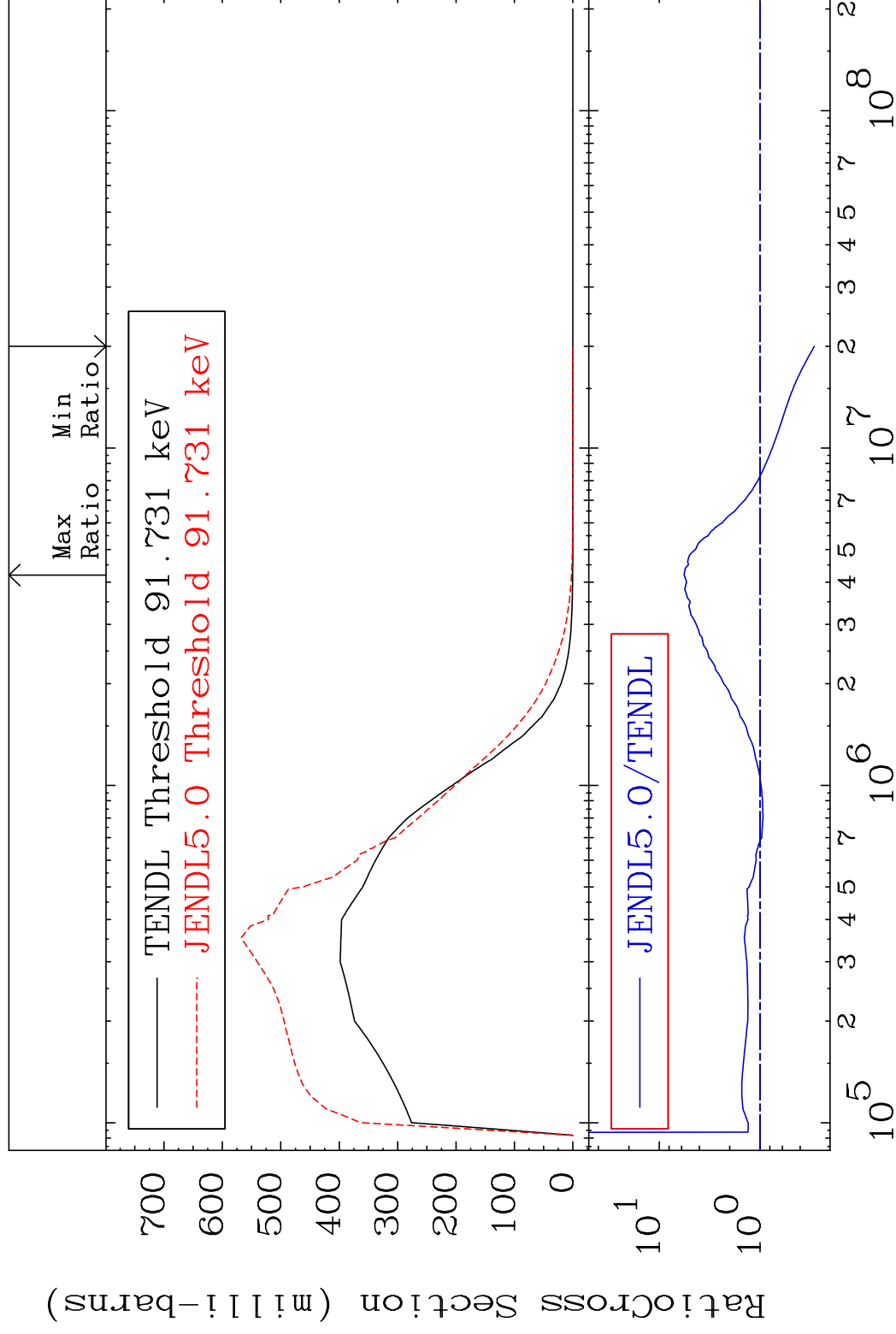


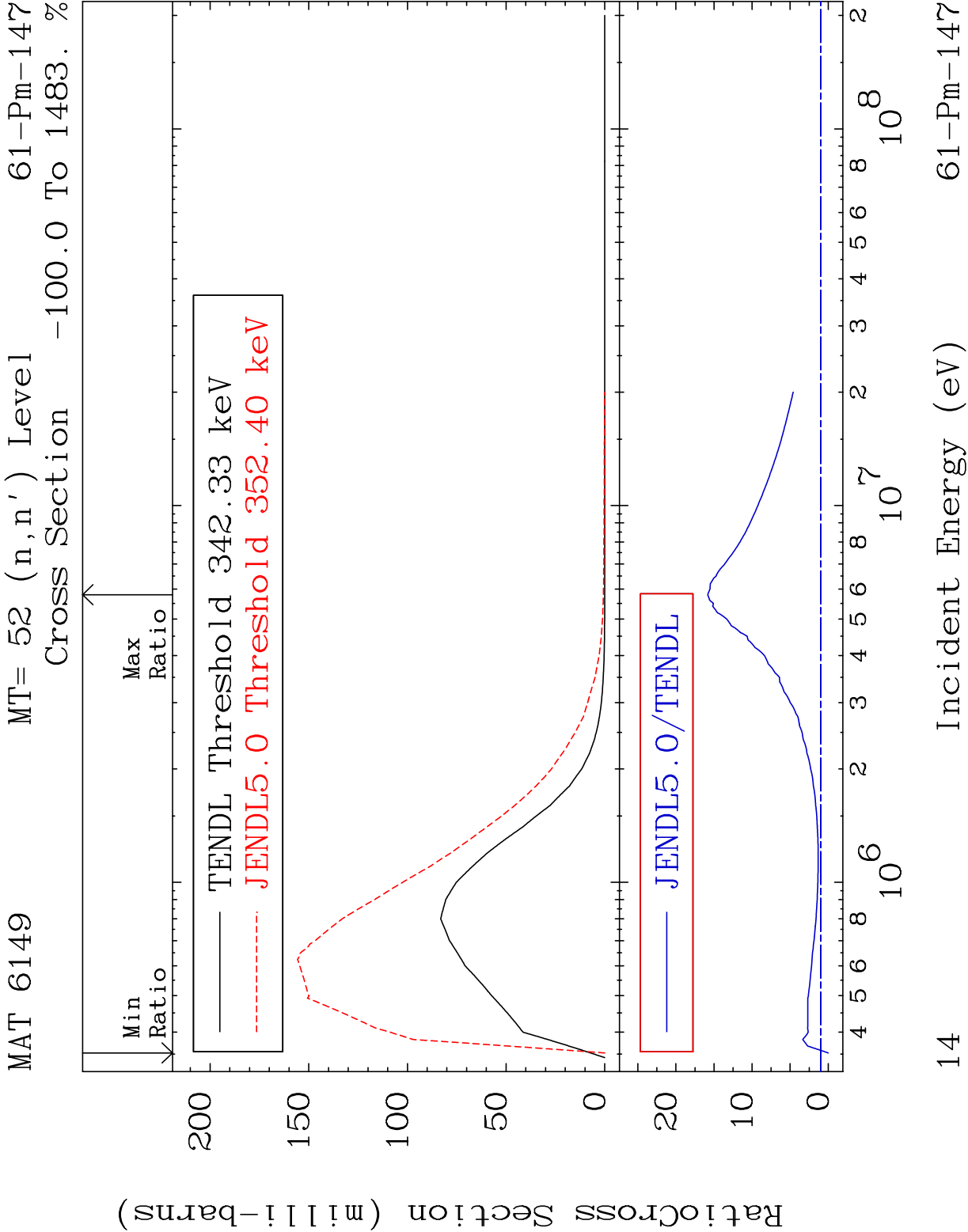
MAT 6149

MT= 51 (n, n') Level

61-Pm-147

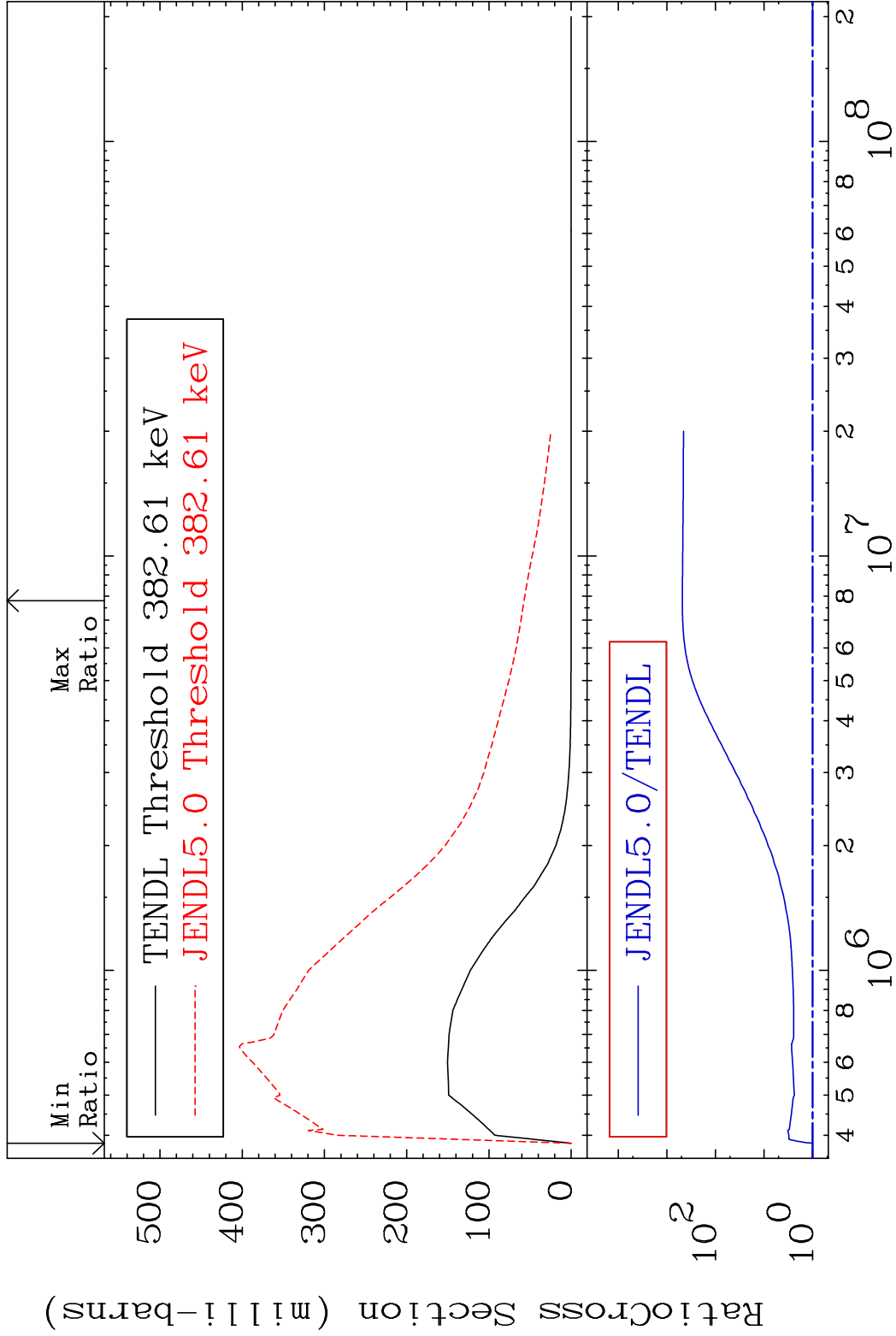
Cross Section -70.97 To 466.7%





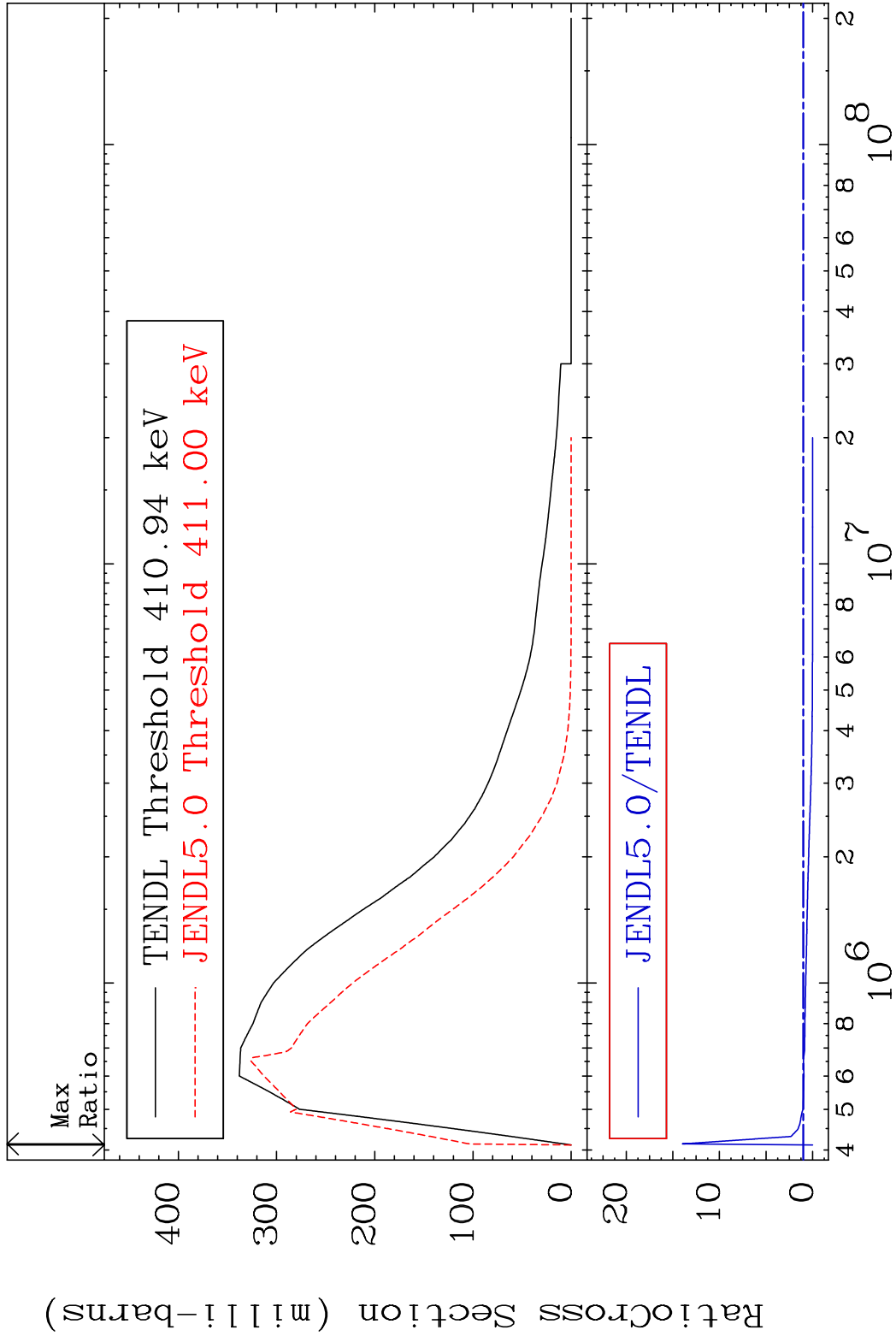
MAT 6149 MT= 53 (n,n') Level 61-Pm-147

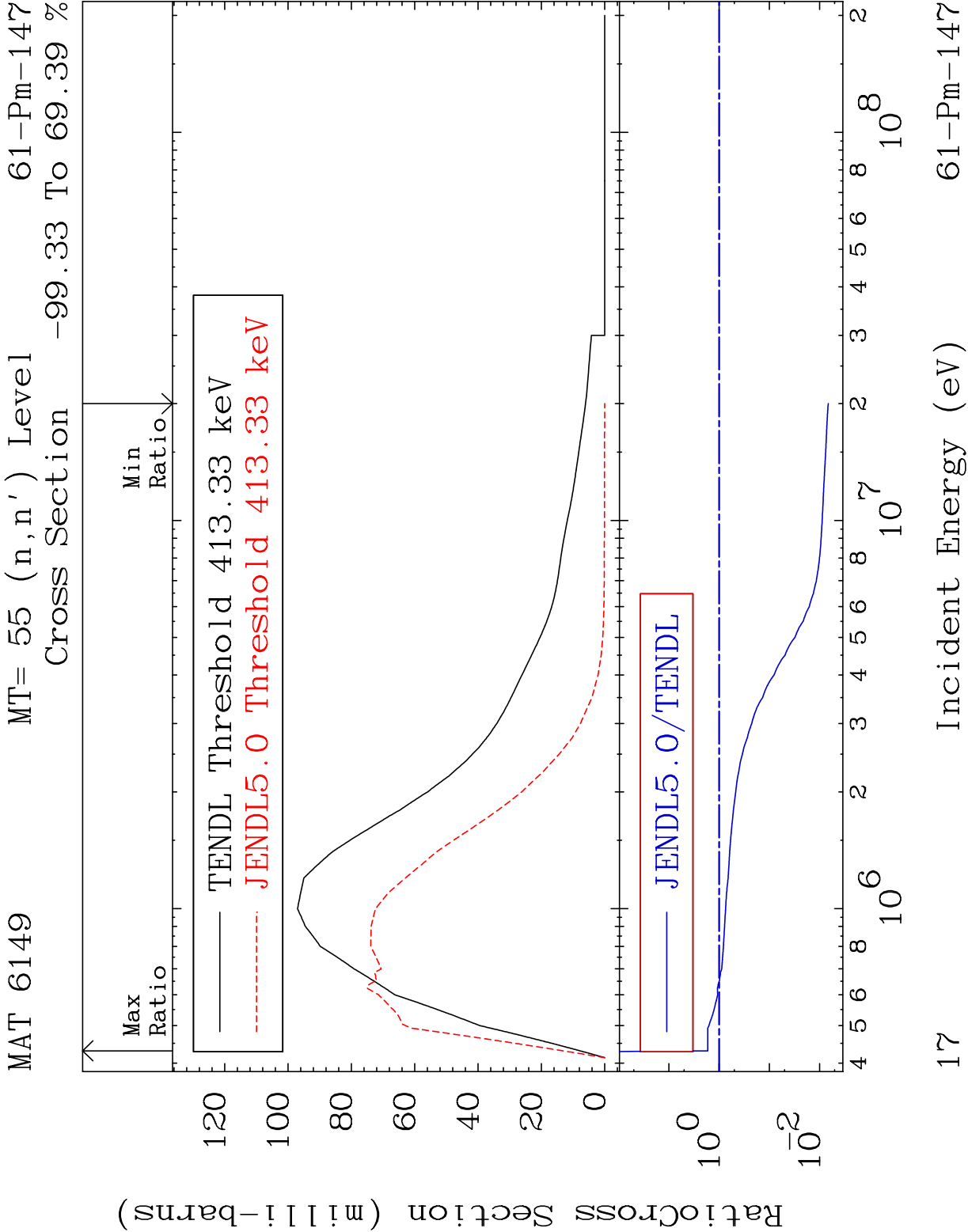
Cross Section 0.000 To 9999. %

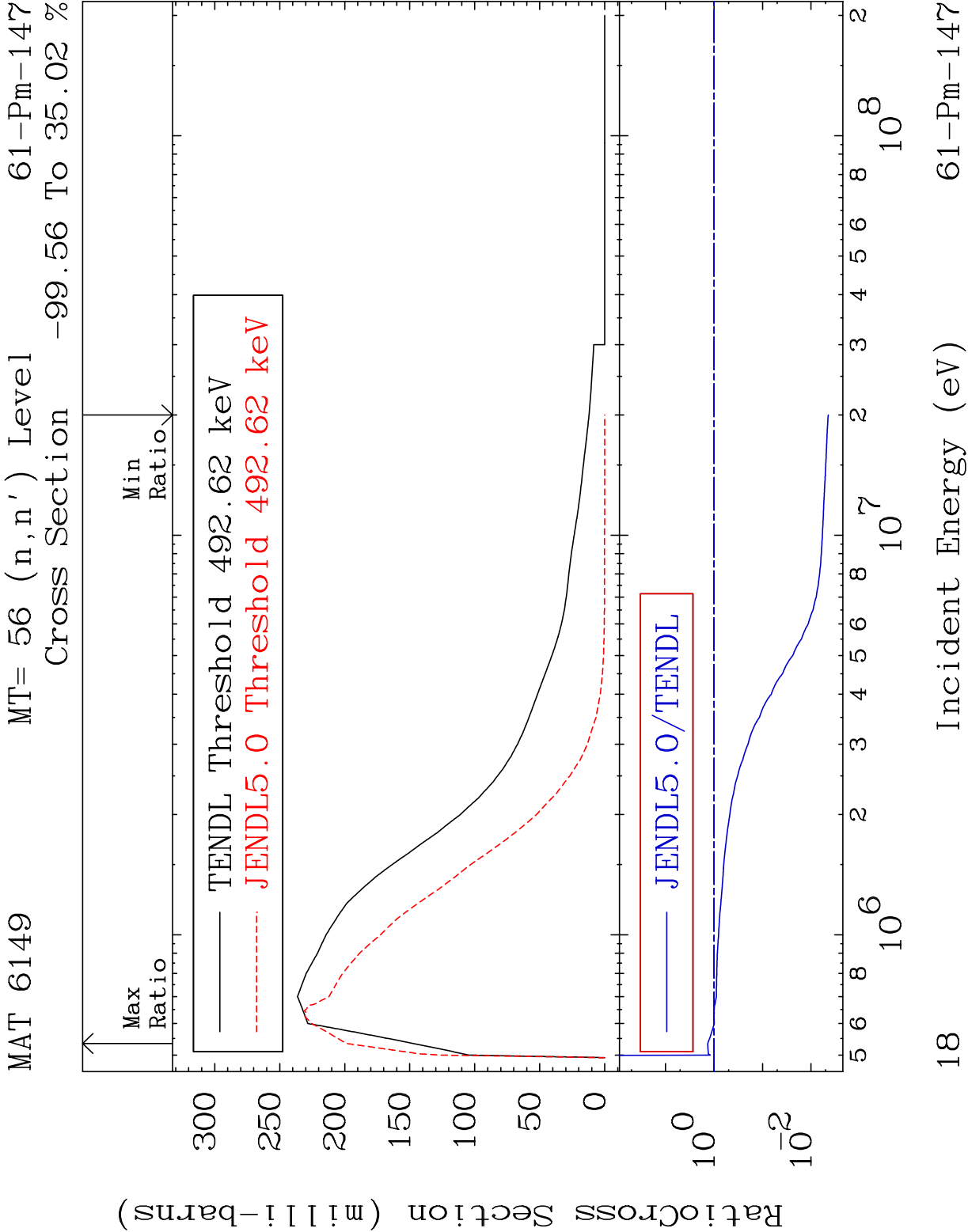


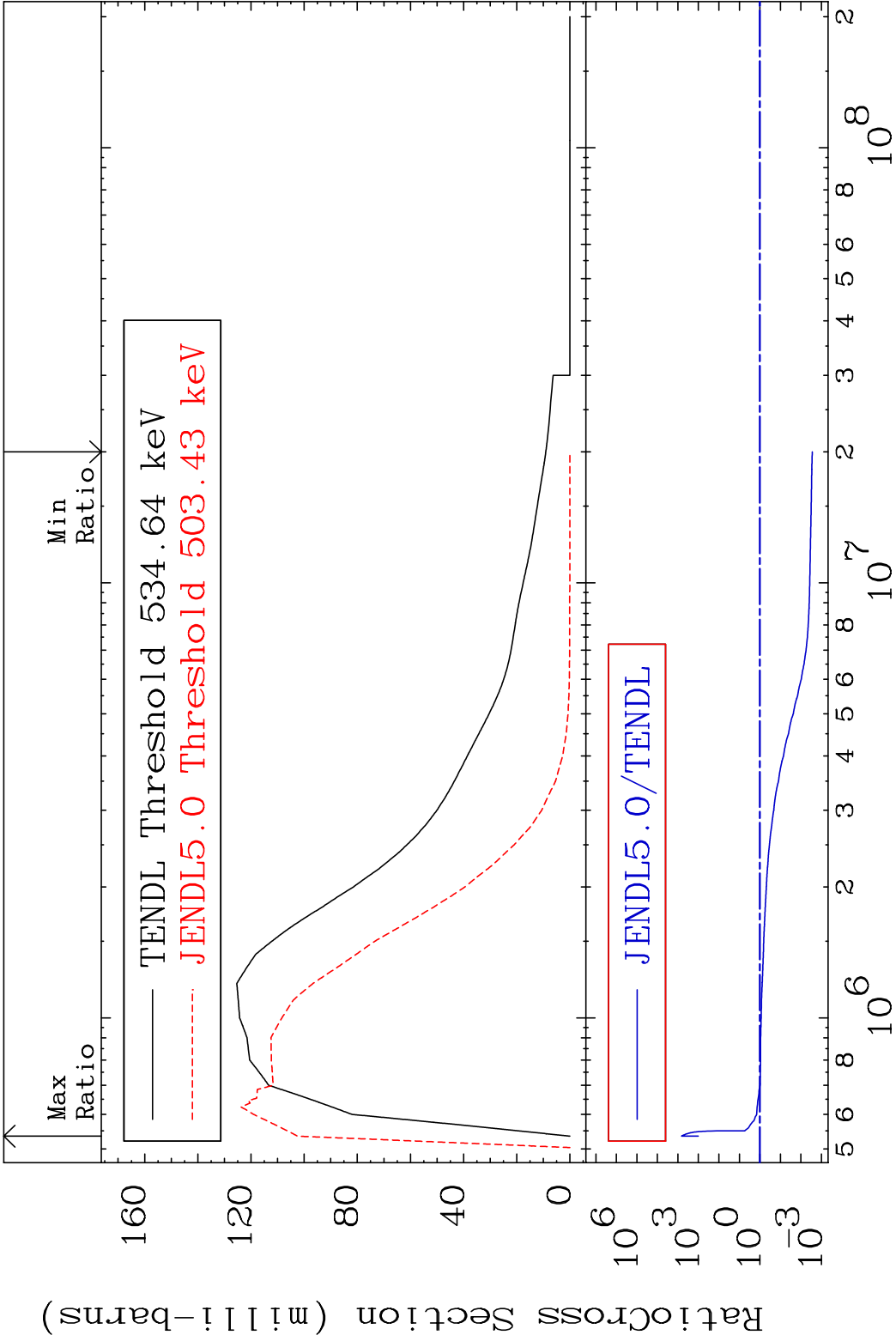
15 Incident Energy (eV) 61-Pm-147

MAT 6149 MT= 54 (n,n') Level 61-Pm-147
Cross Section -100.0 To 1298. %

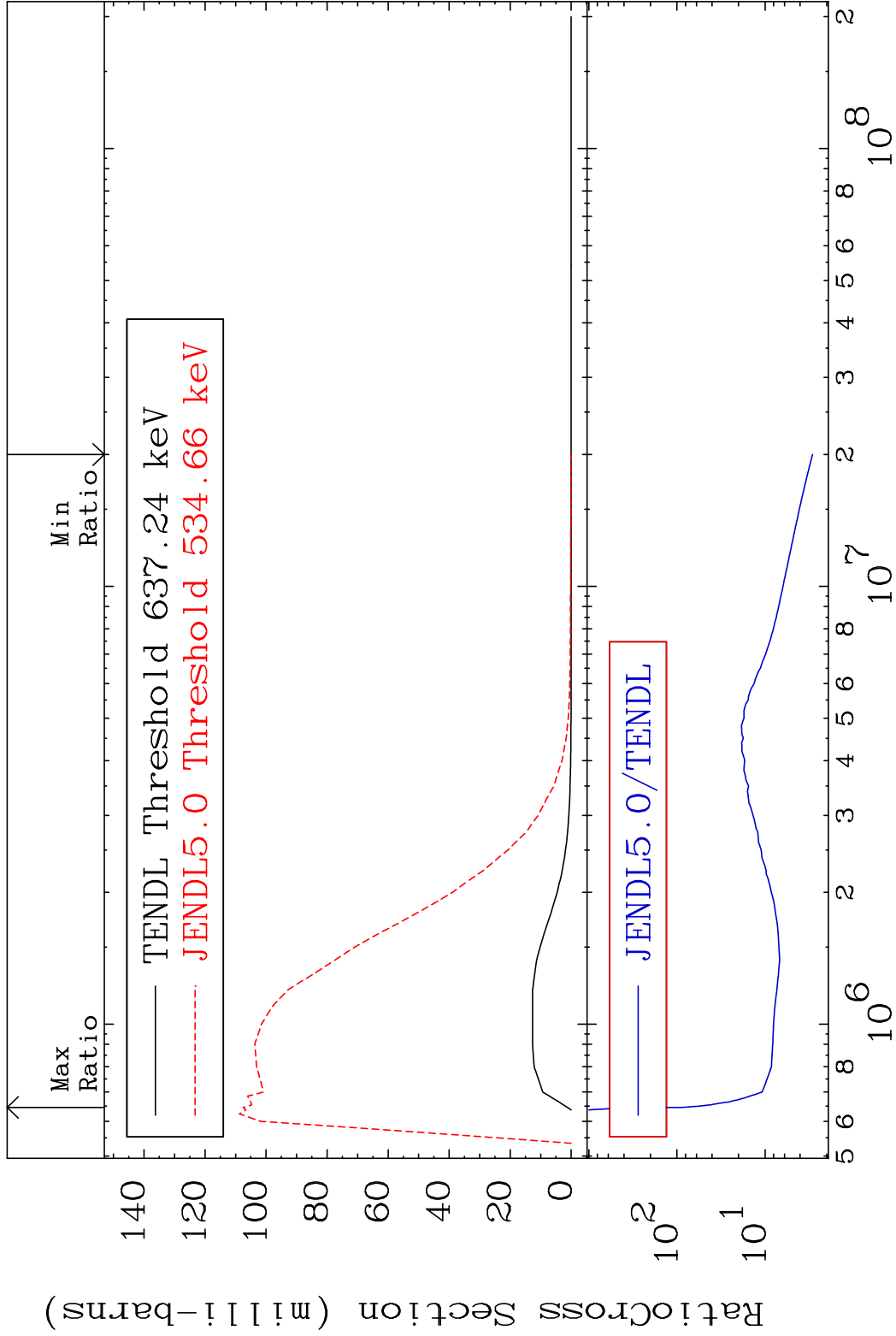






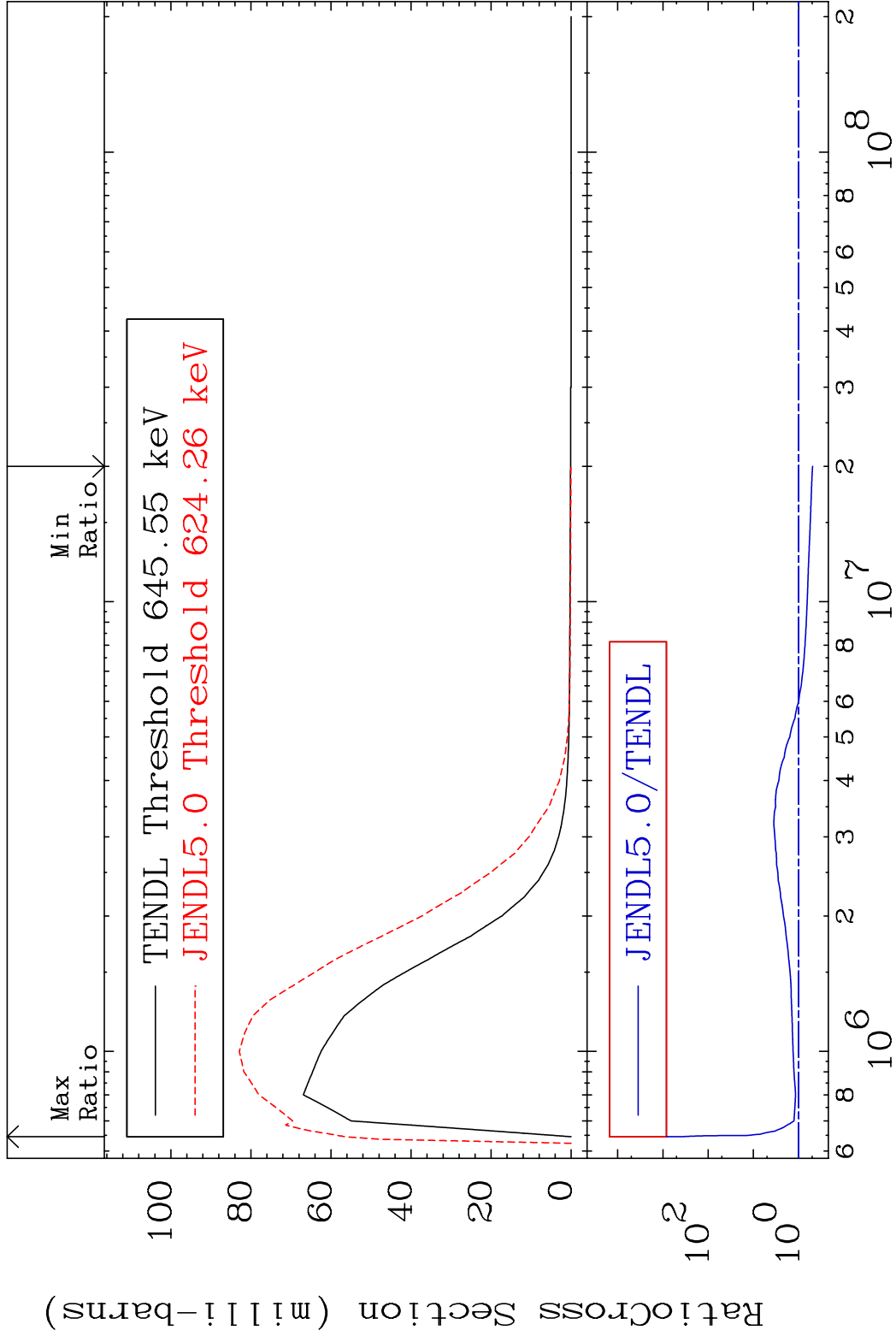


MAT 6149 MT= 58 (n,n') Level 61-Pm-147
Cross Section 189.3 To 8585. %

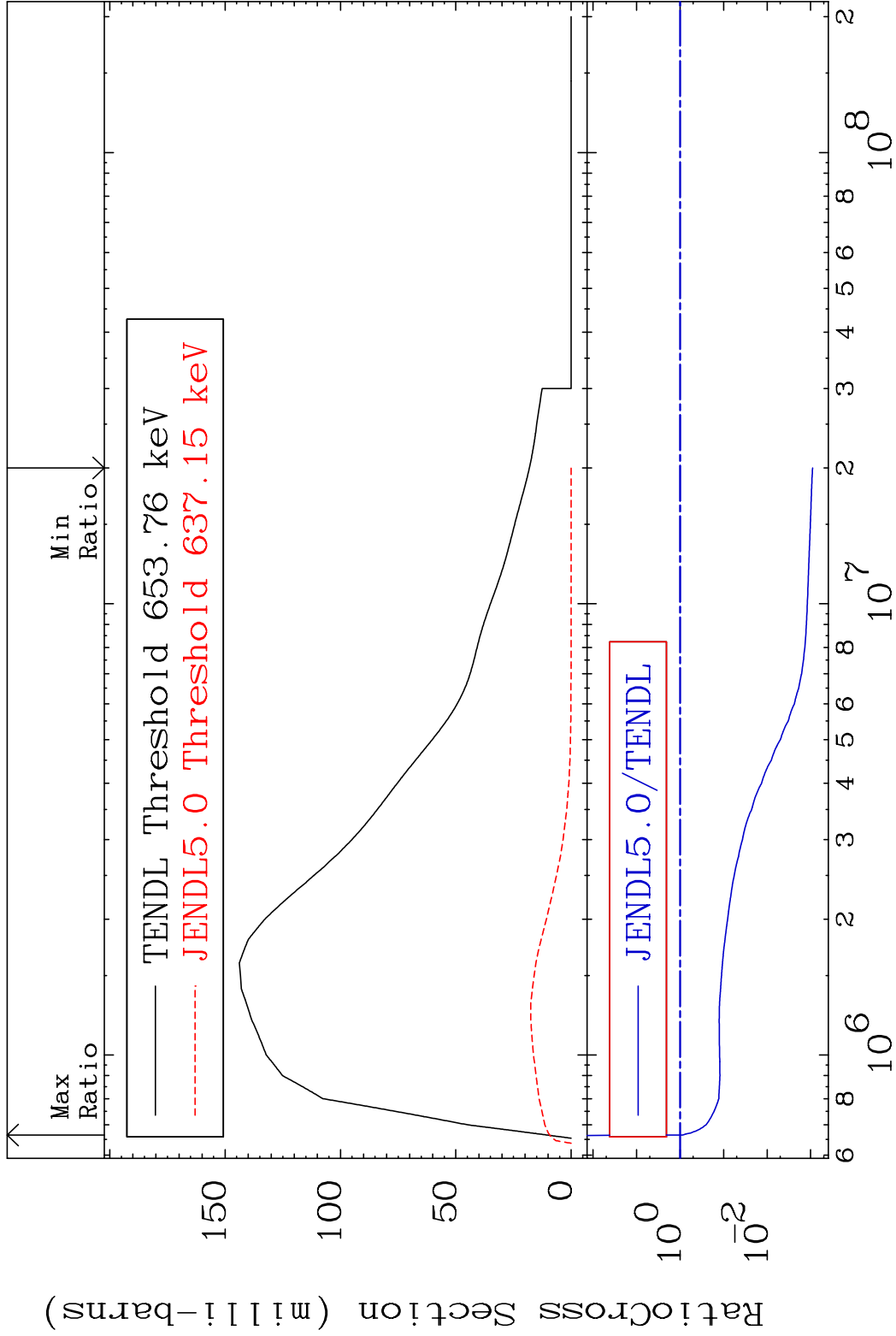


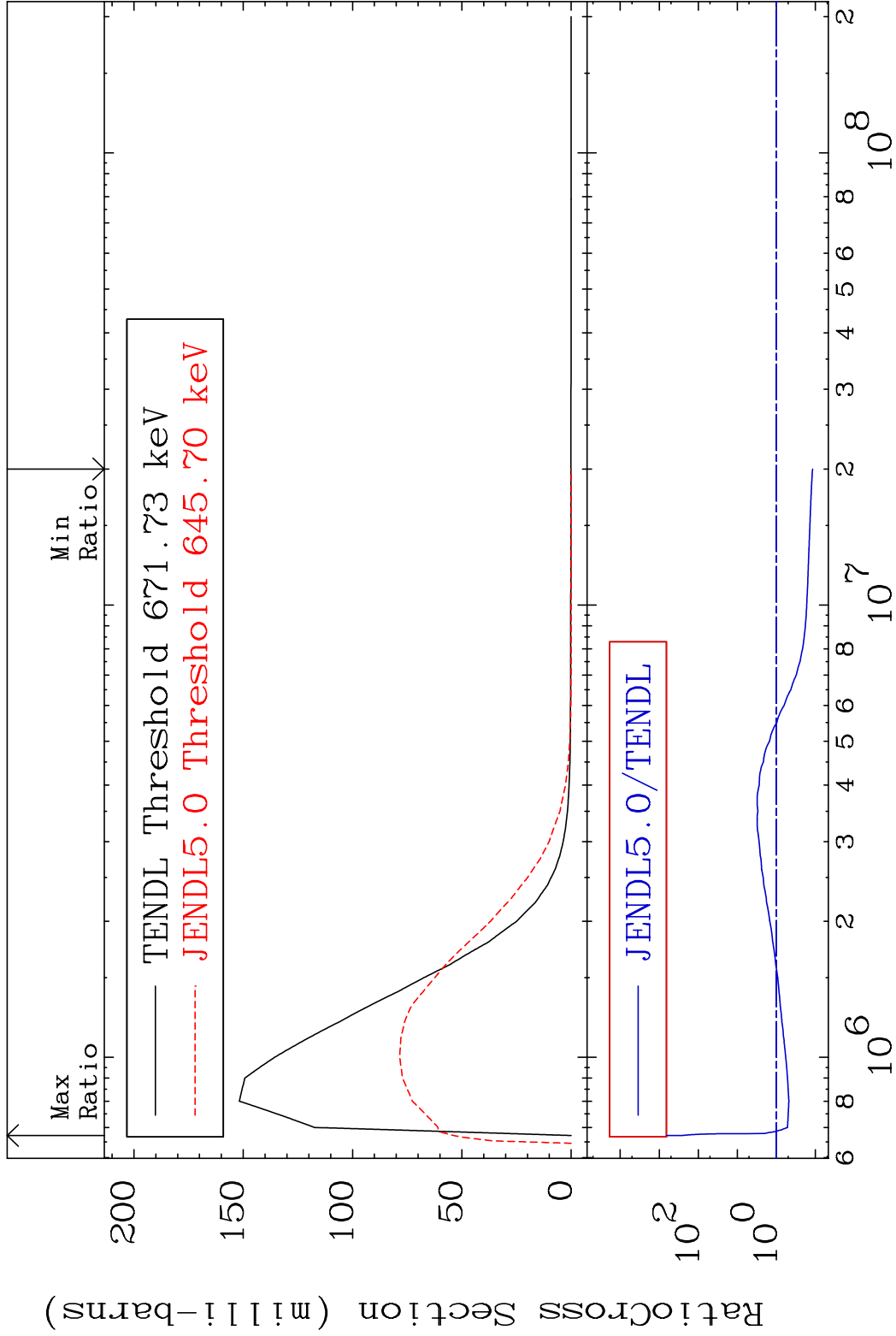
20 Incident Energy (eV) 61-Pm-147

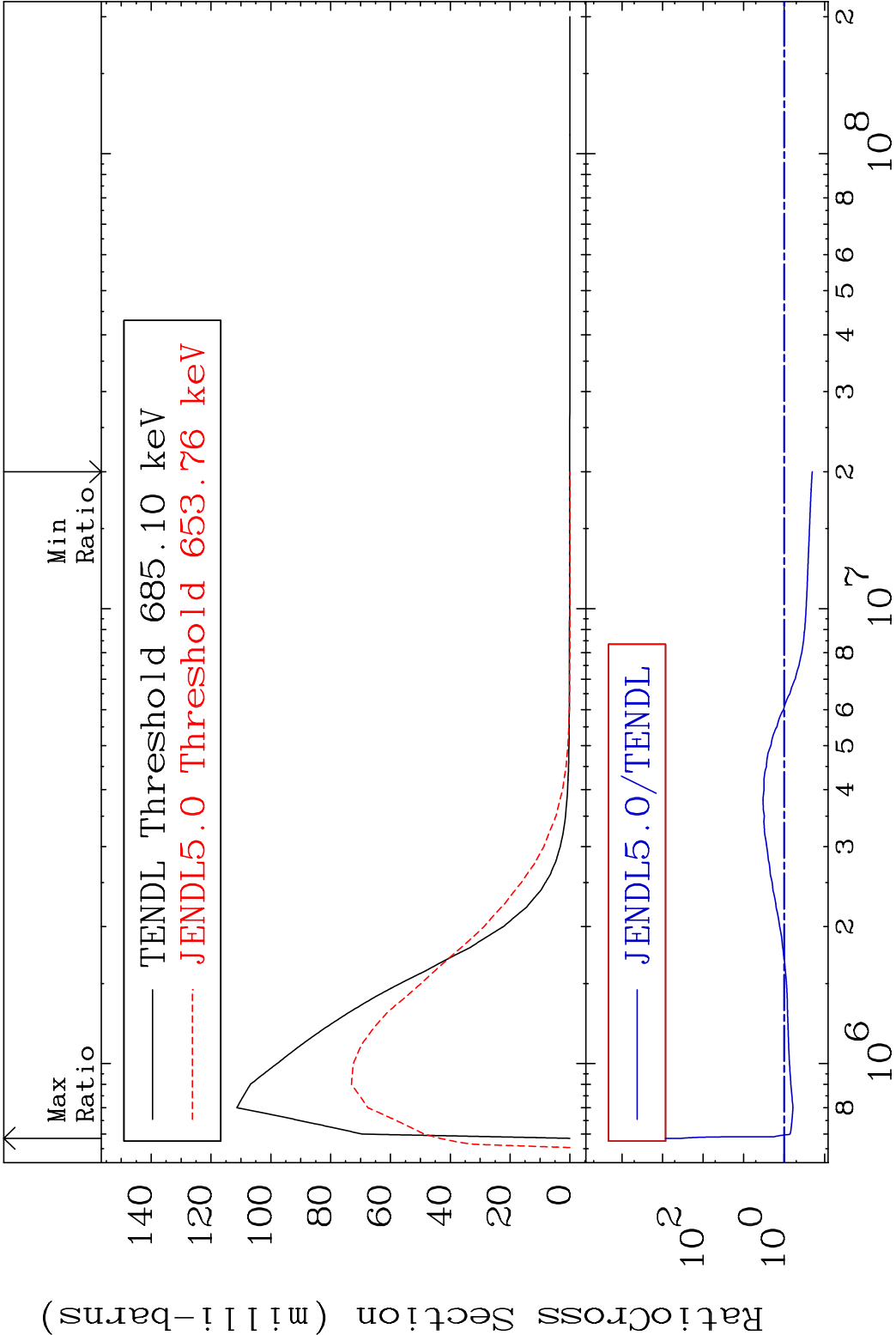
MAT 6149 MT= 59 (n,n') Level 61-Pm-147
Cross Section -50.86 To 9999. %

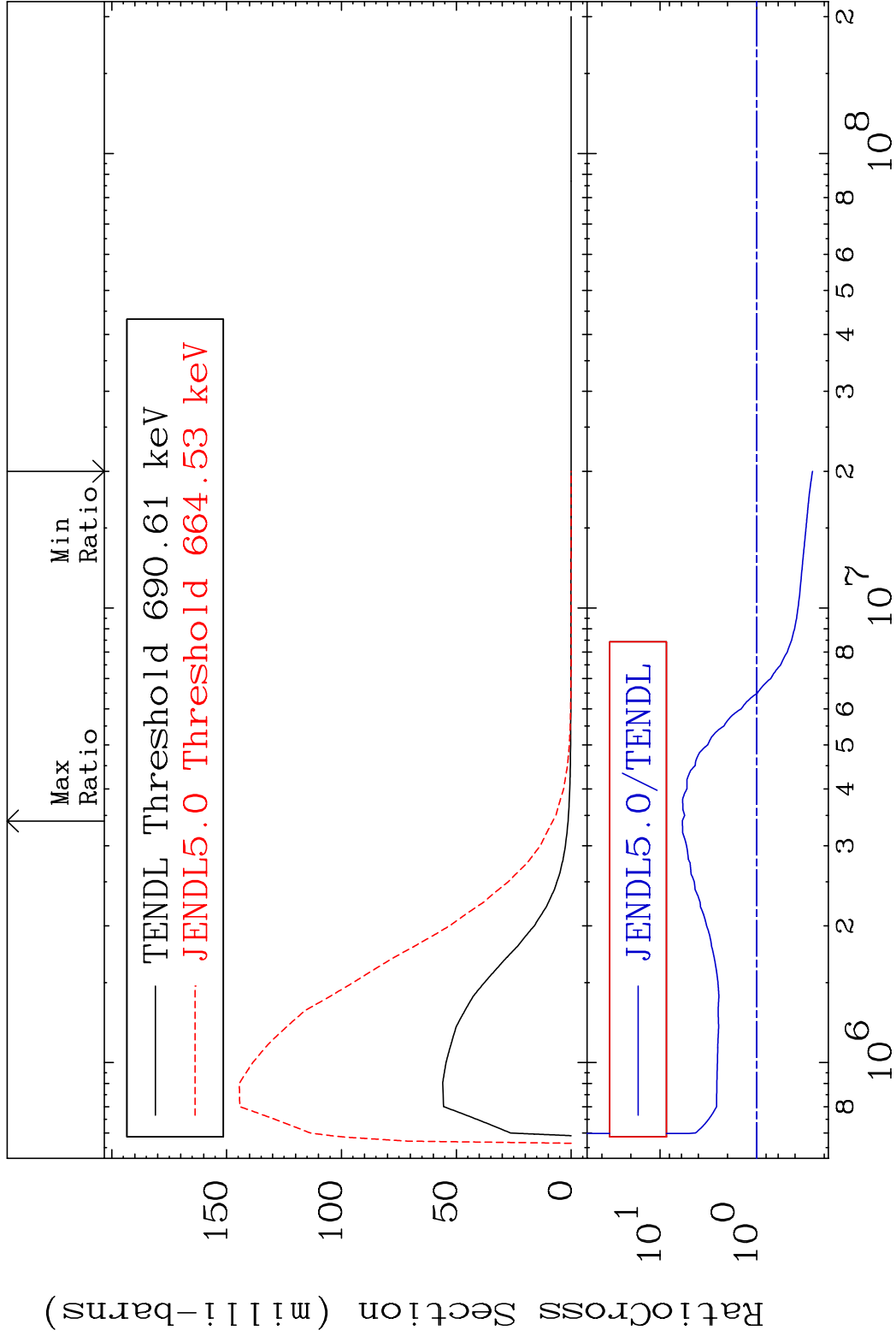


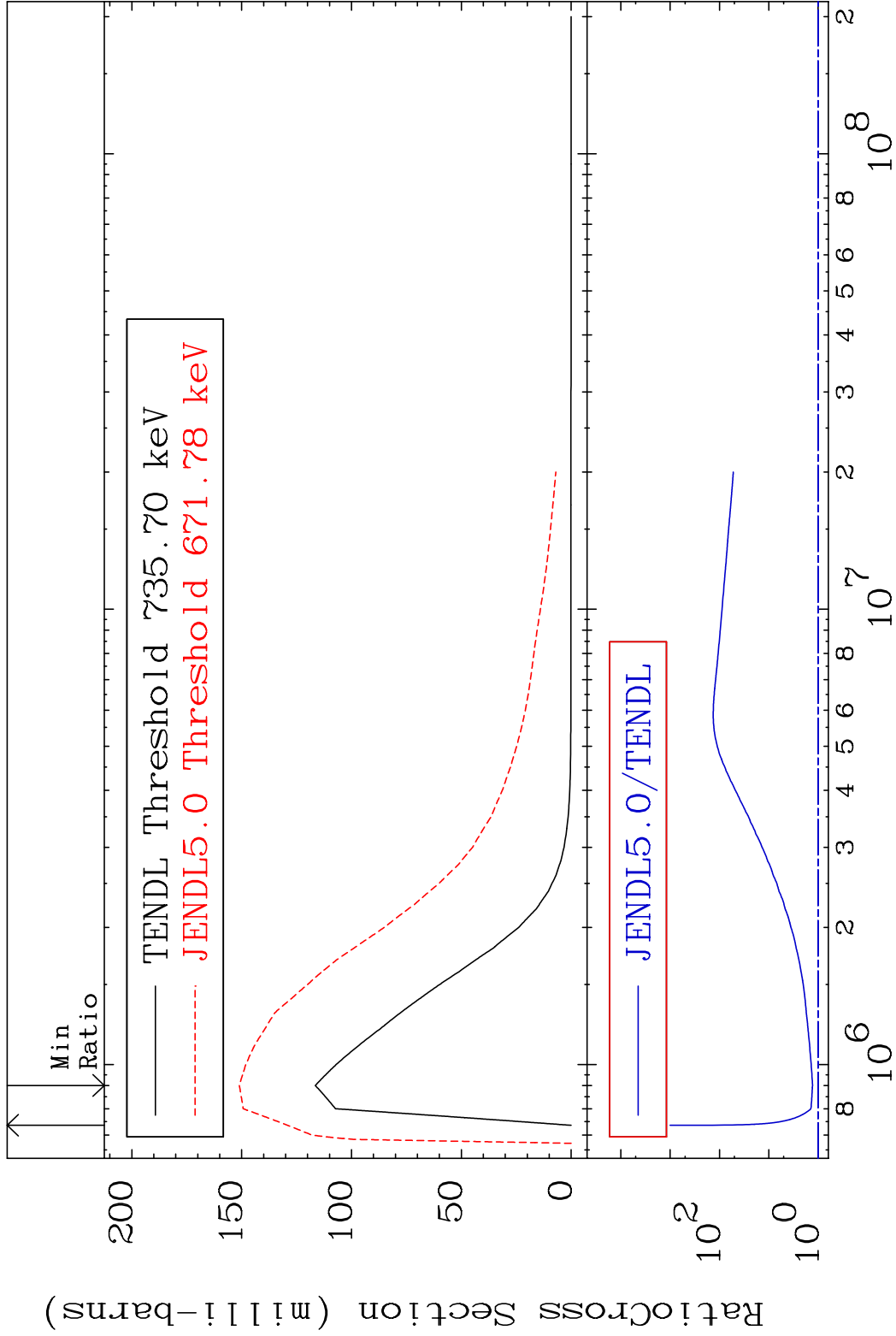
MAT 6149 MT= 60 (n,n') Level 61-Pm-147
Cross Section -99.91 To -11.17%



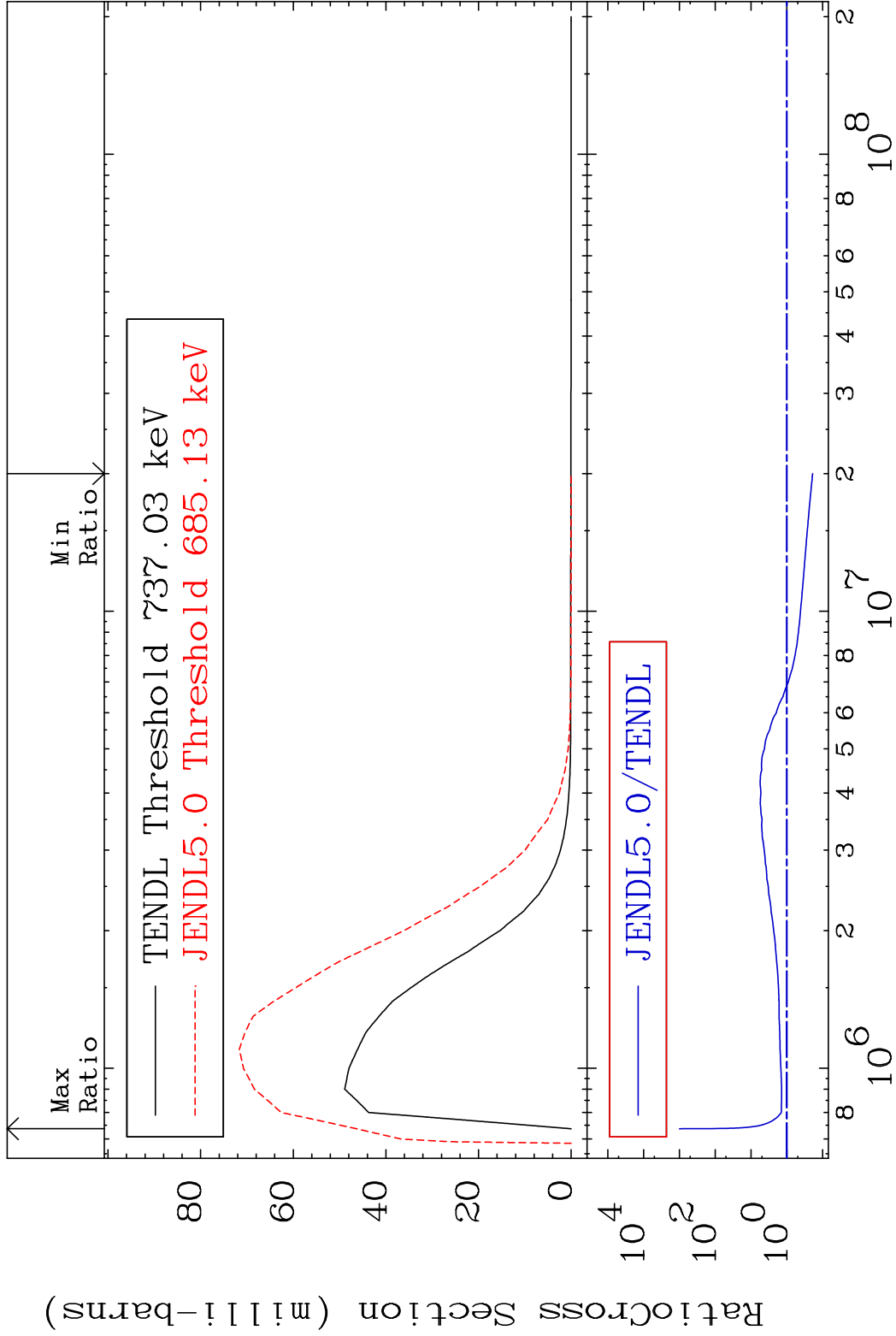




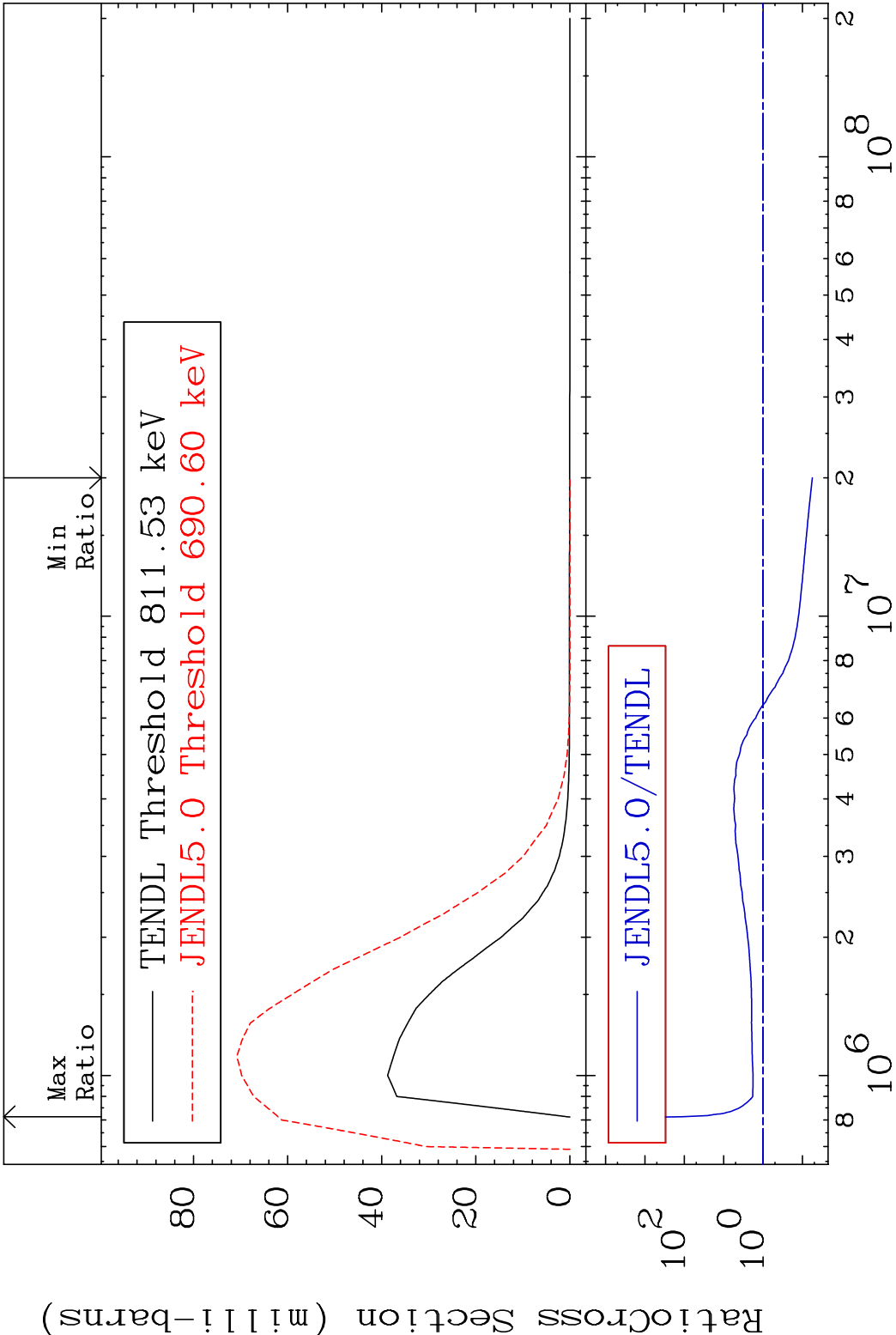


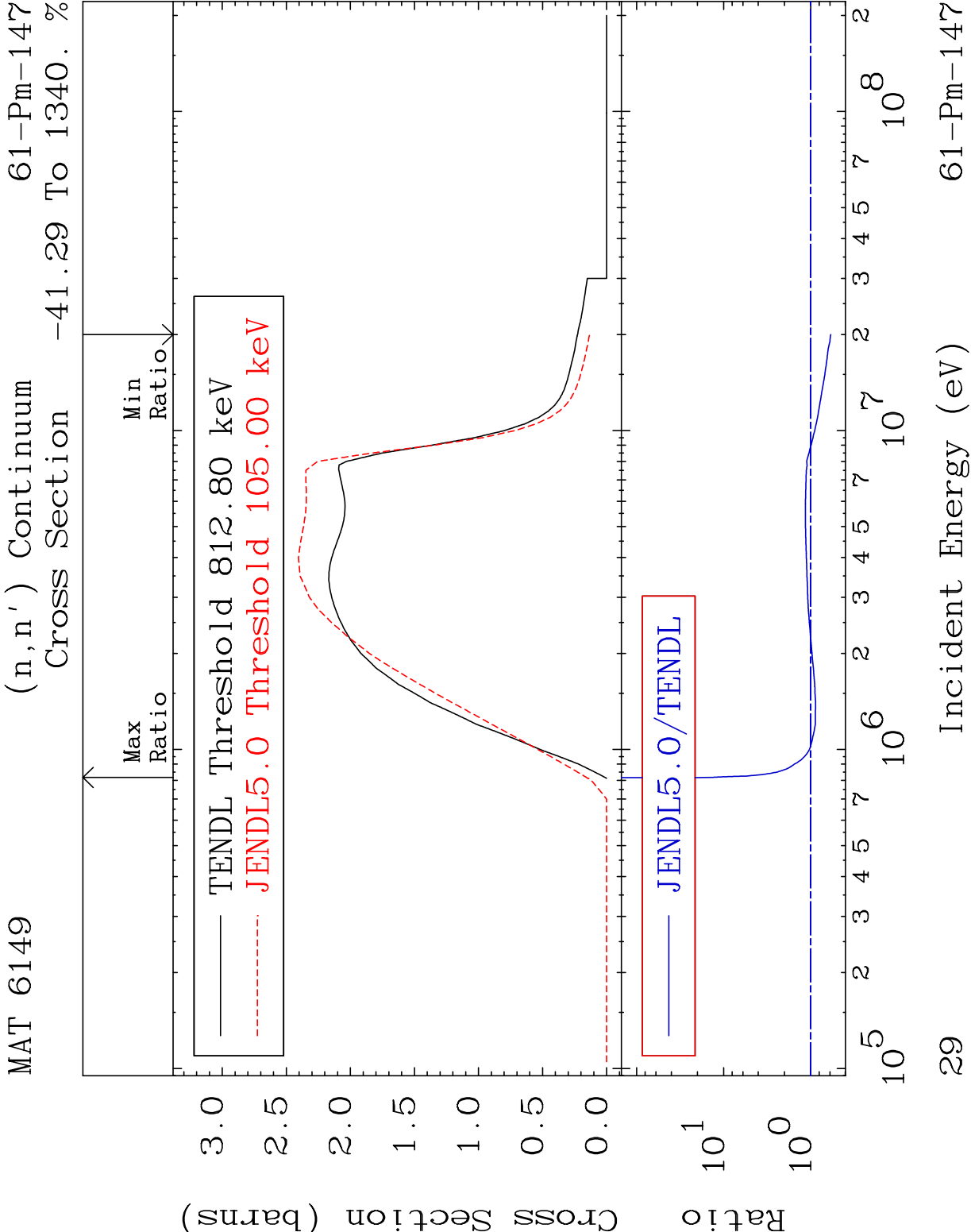


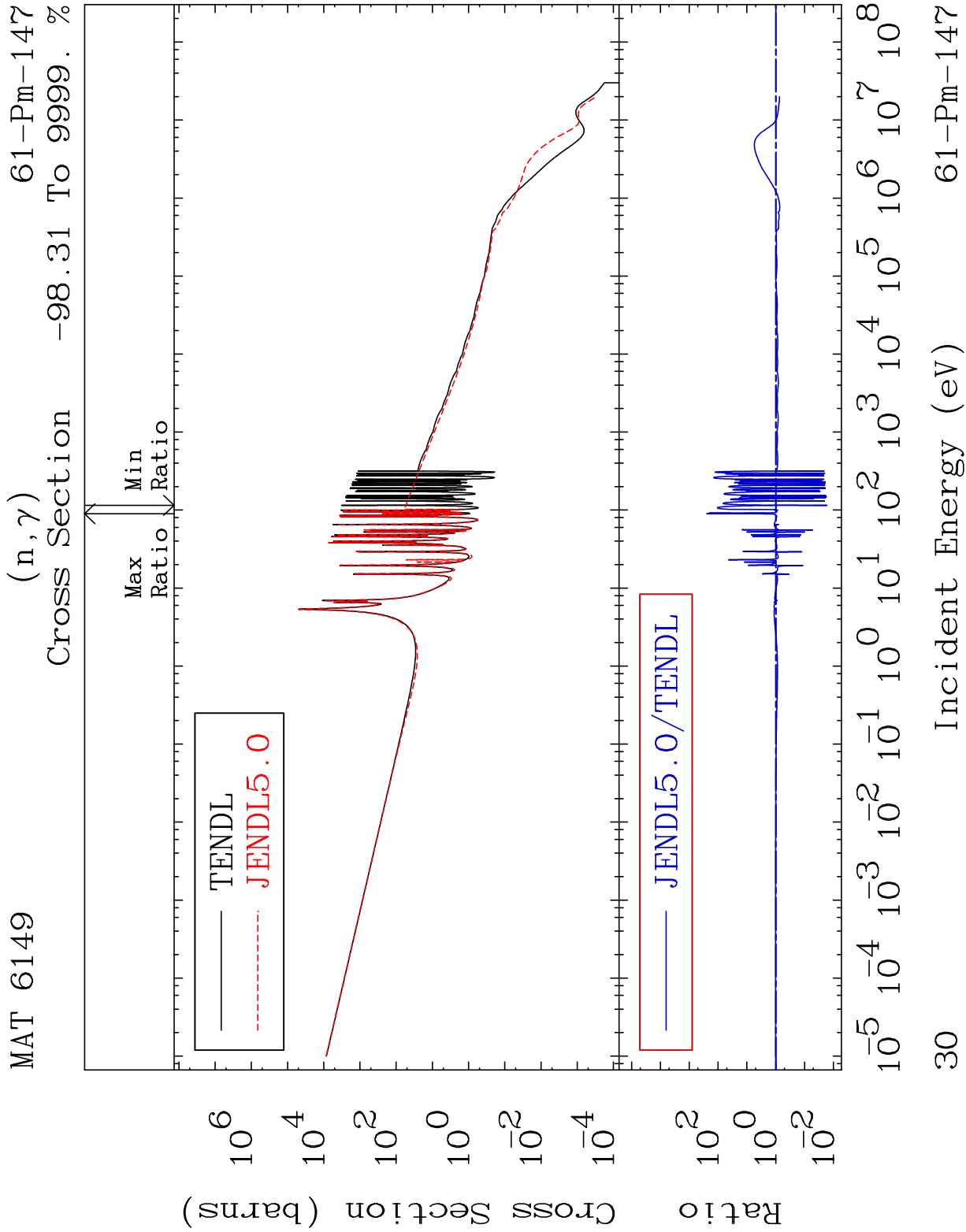
MAT 6149 MT= 65 (n,n') Level 61-Pm-147
Cross Section -80.75 To 9999. %

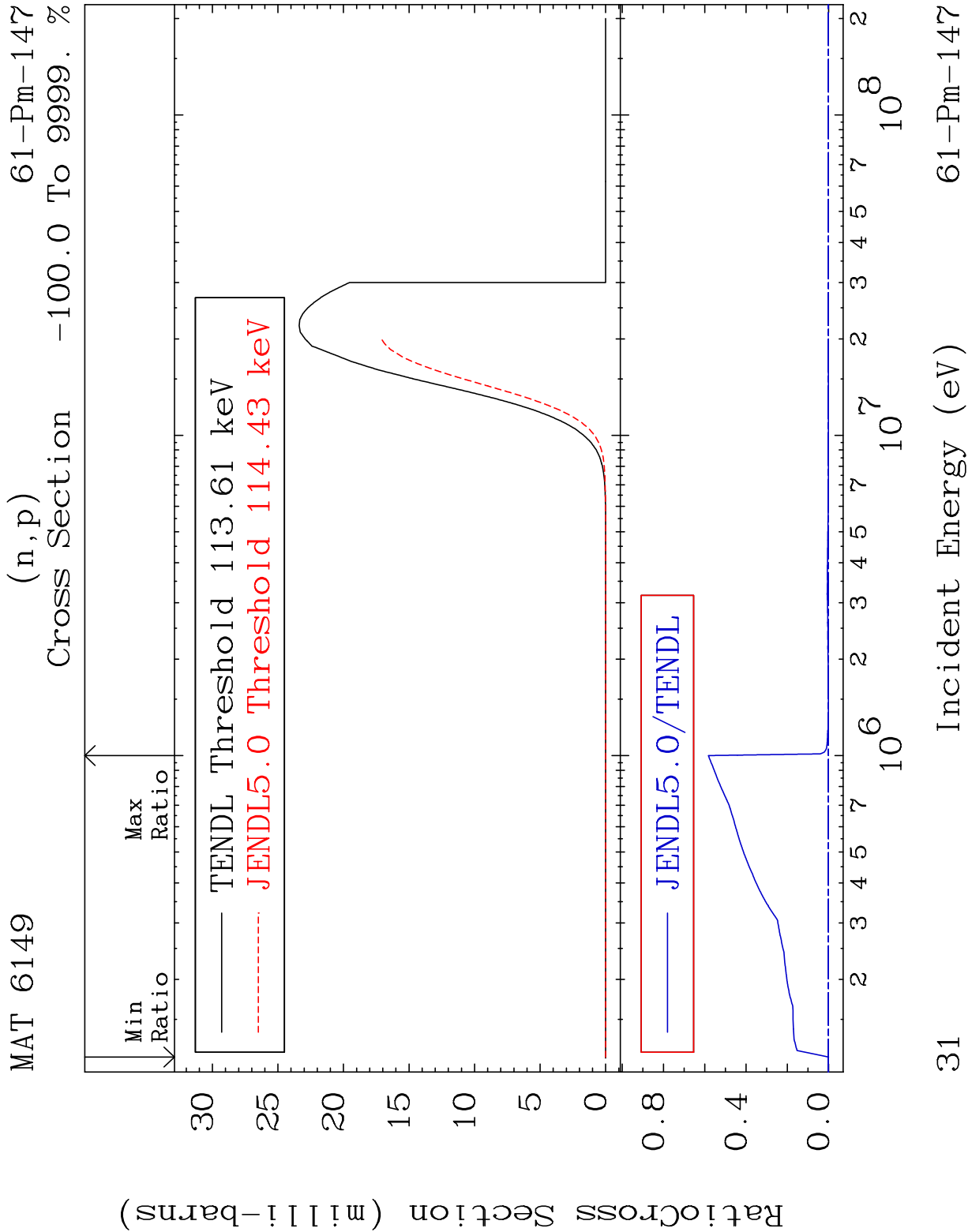


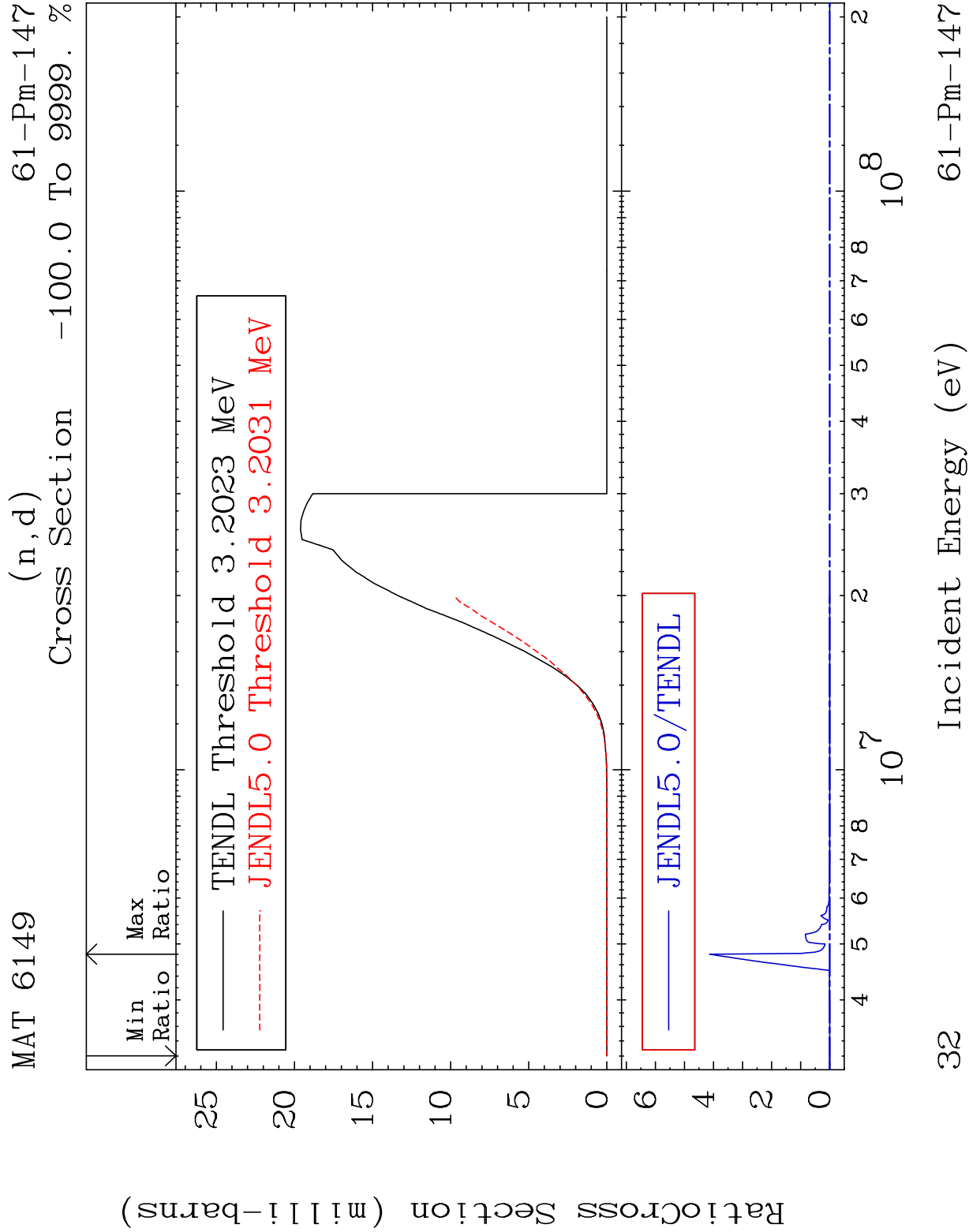
MAT 6149 MT= 66 (n,n') Level 61-Pm-147
 Cross Section -94.34 To 9999. %

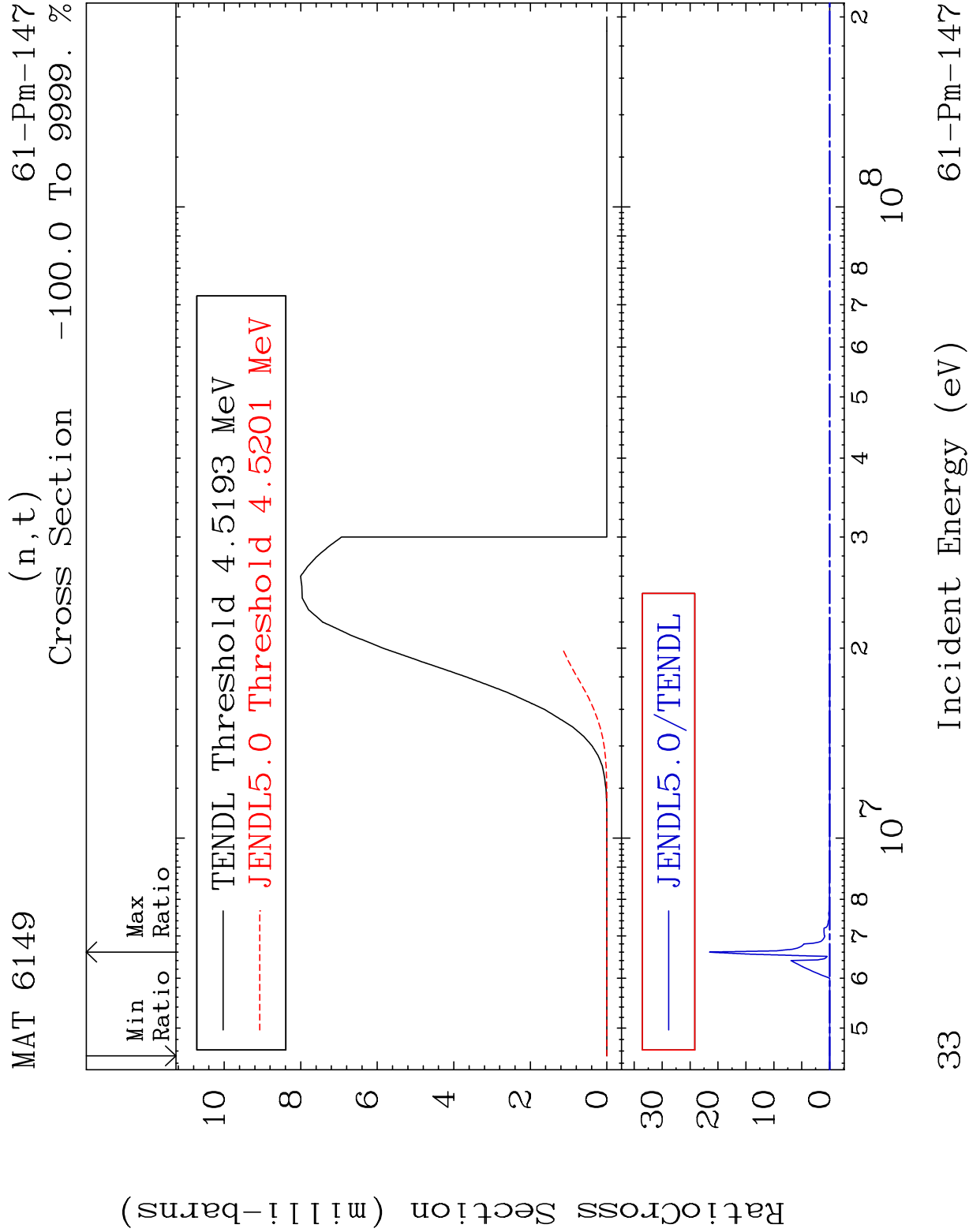


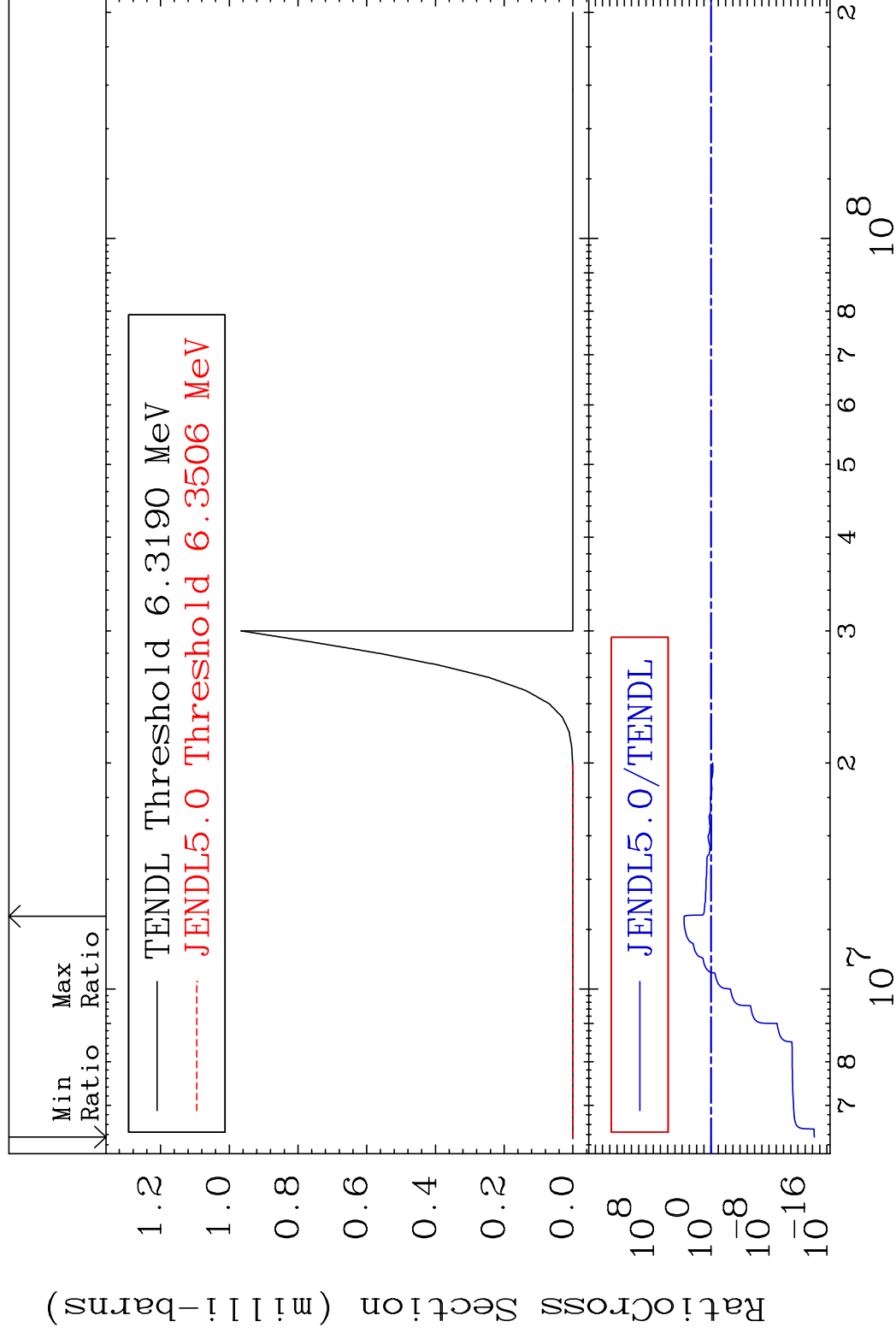


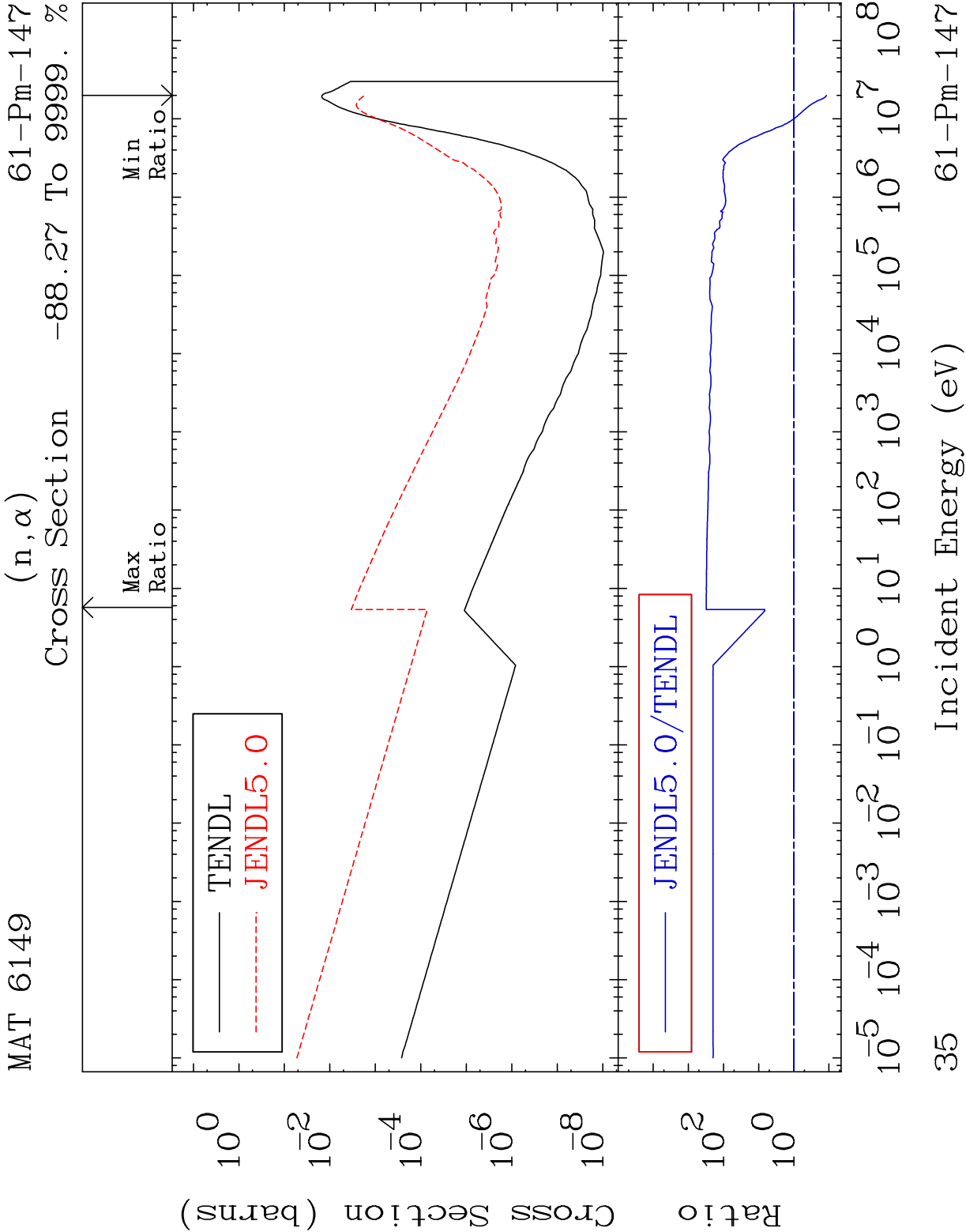


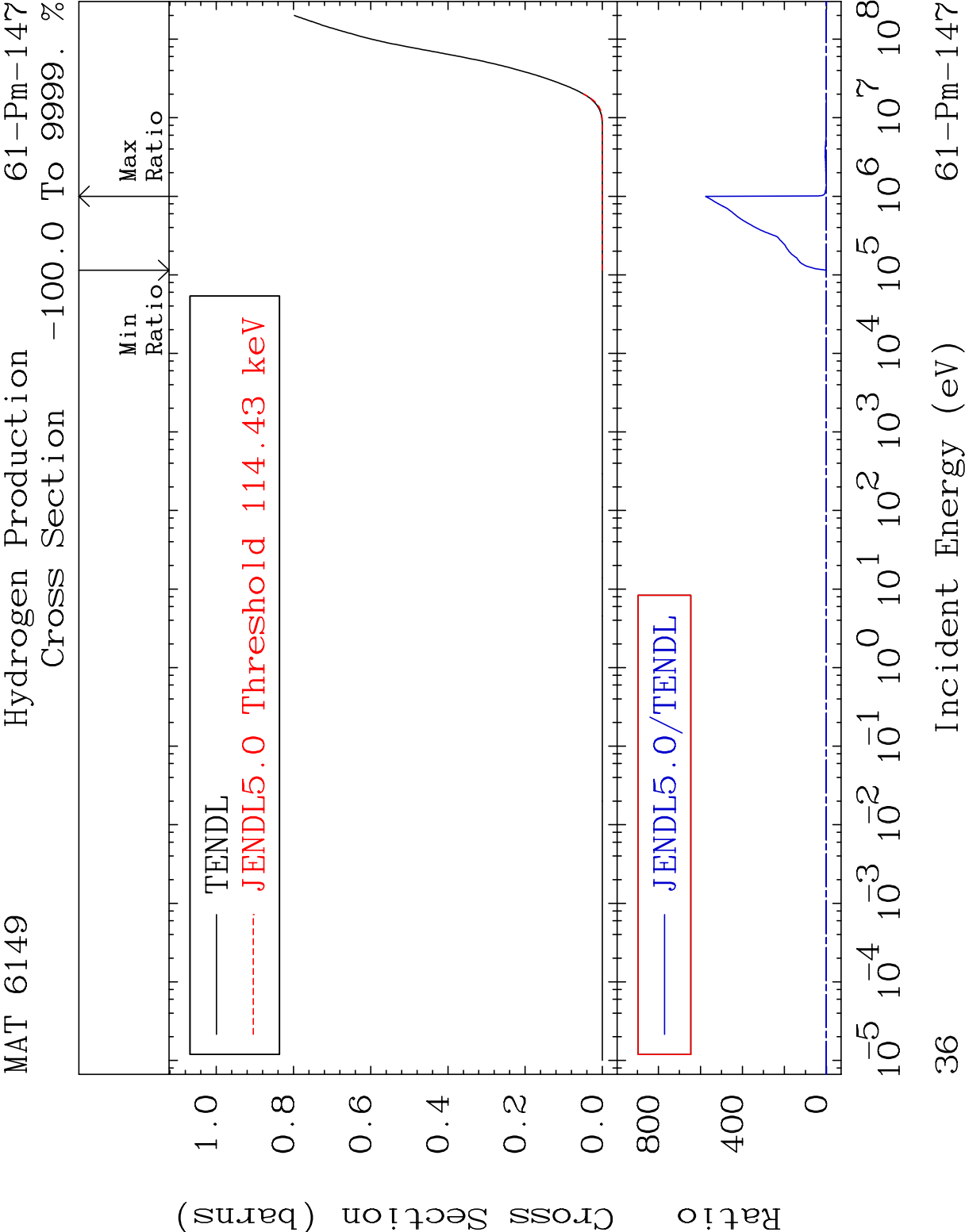


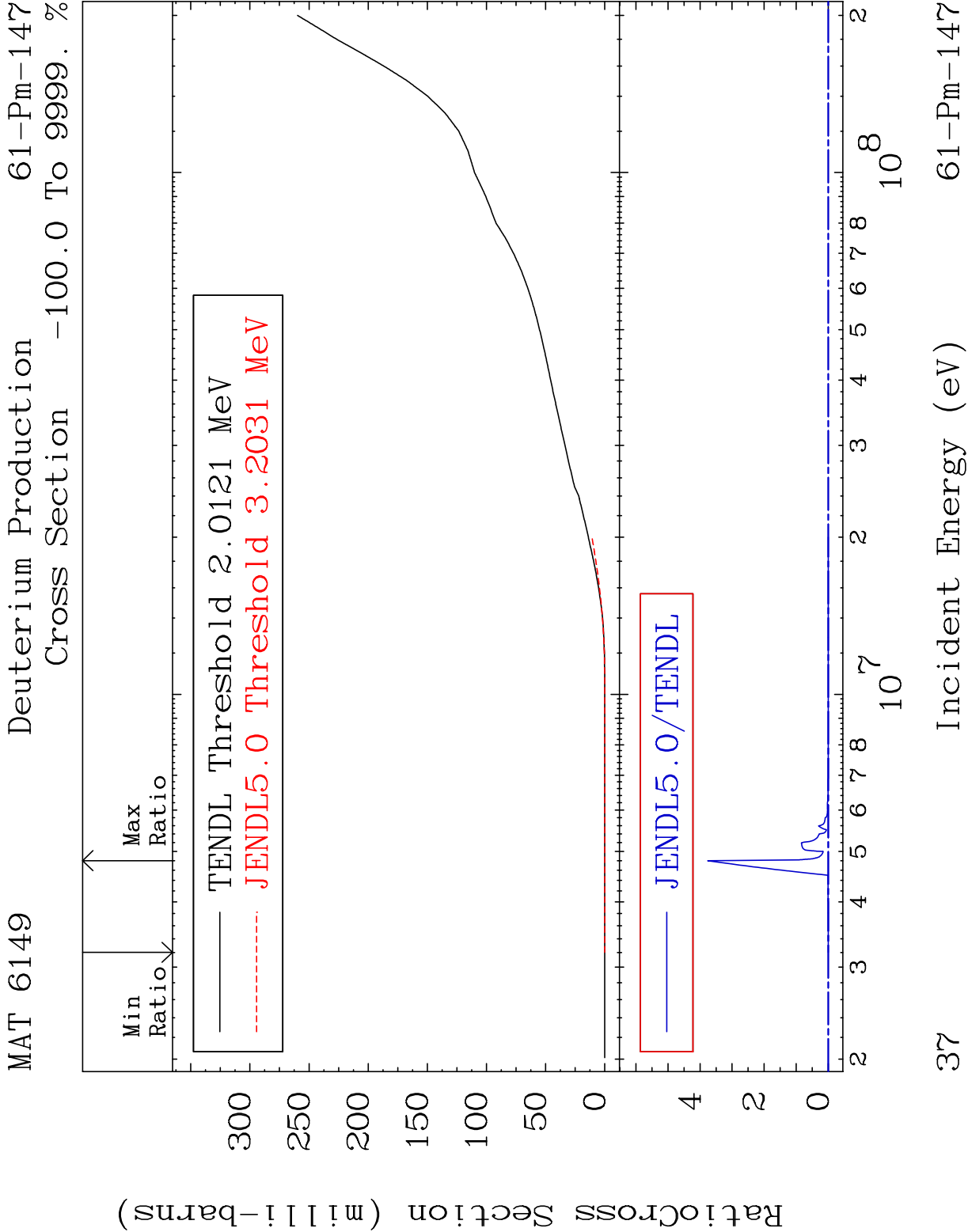




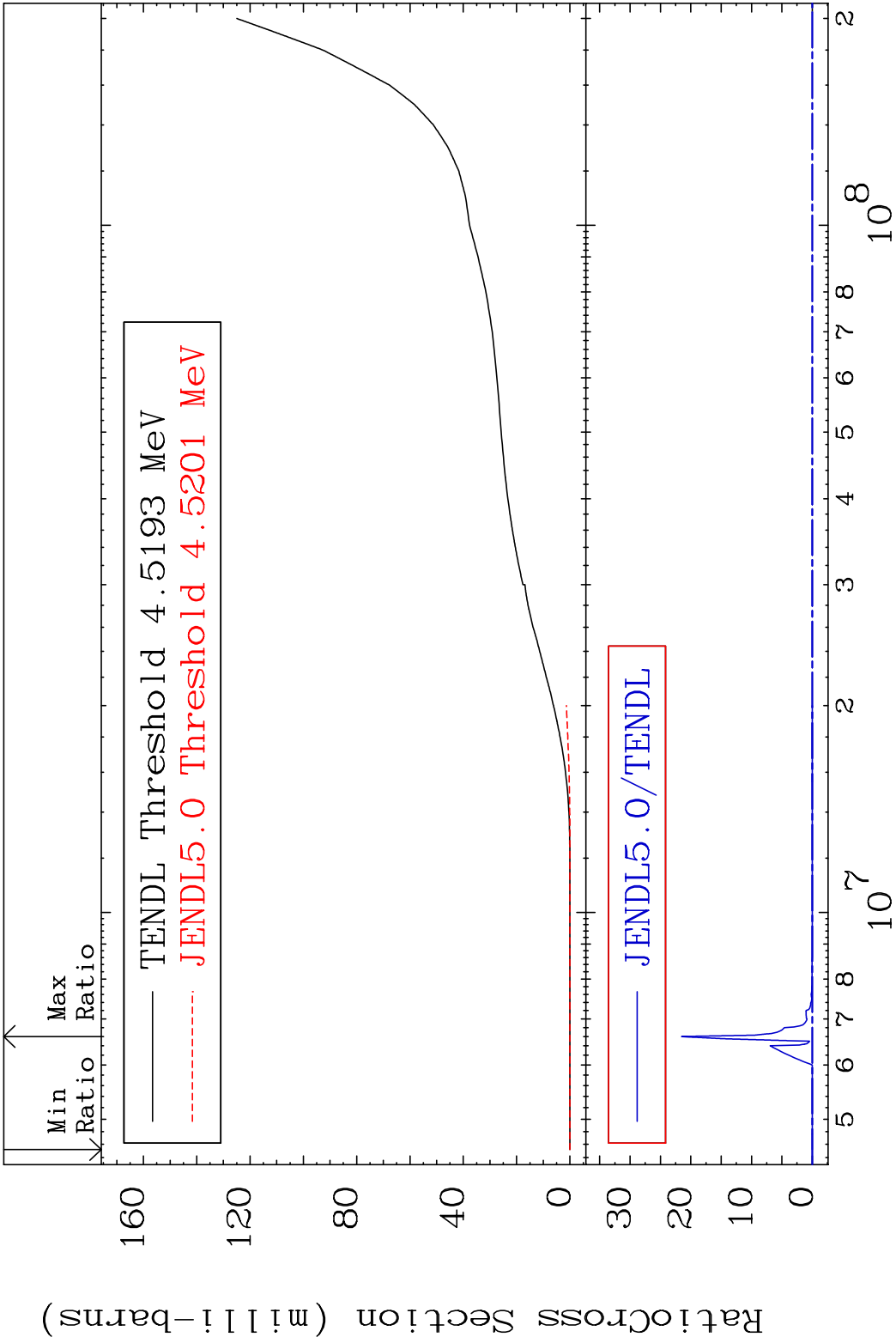


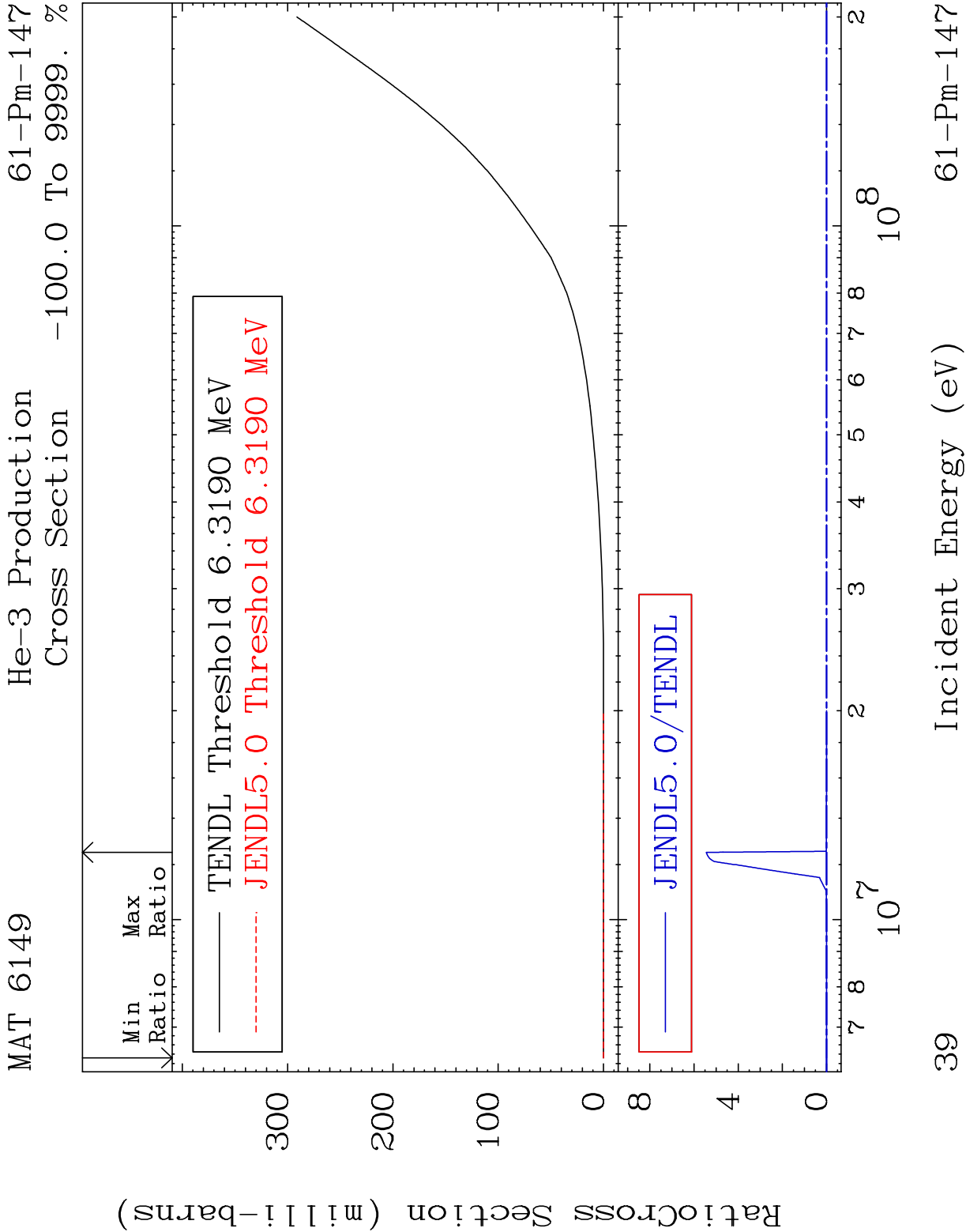


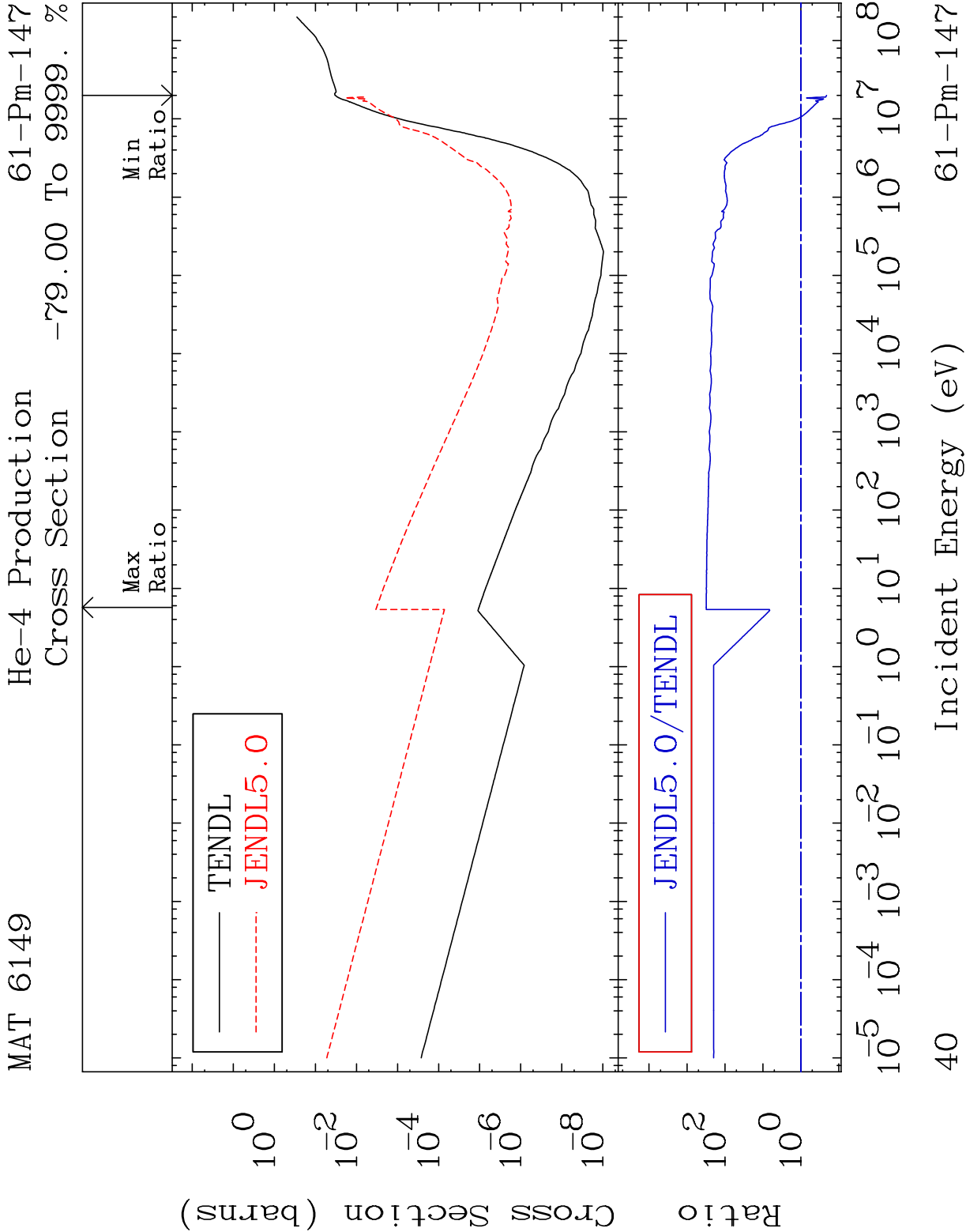


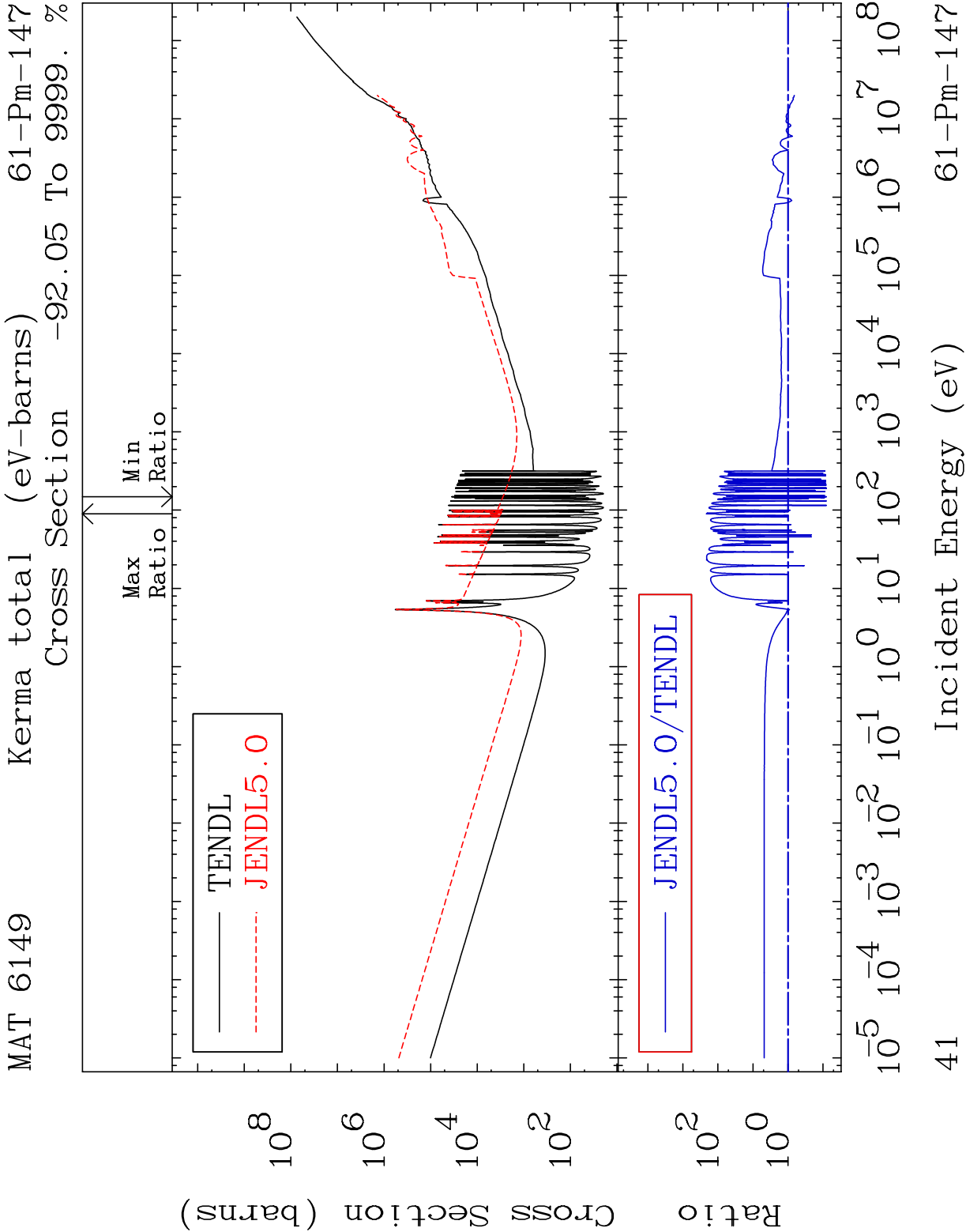


37

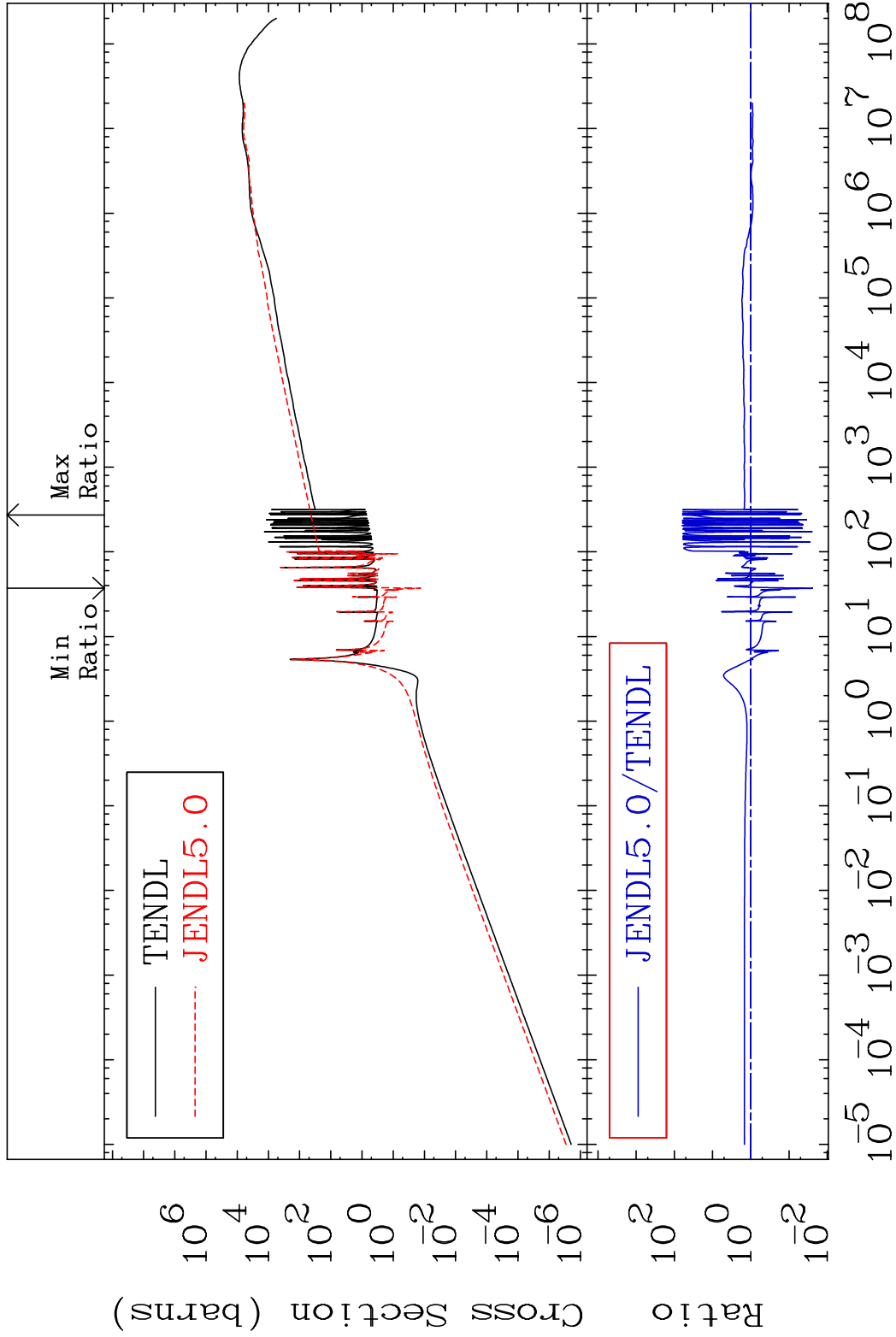






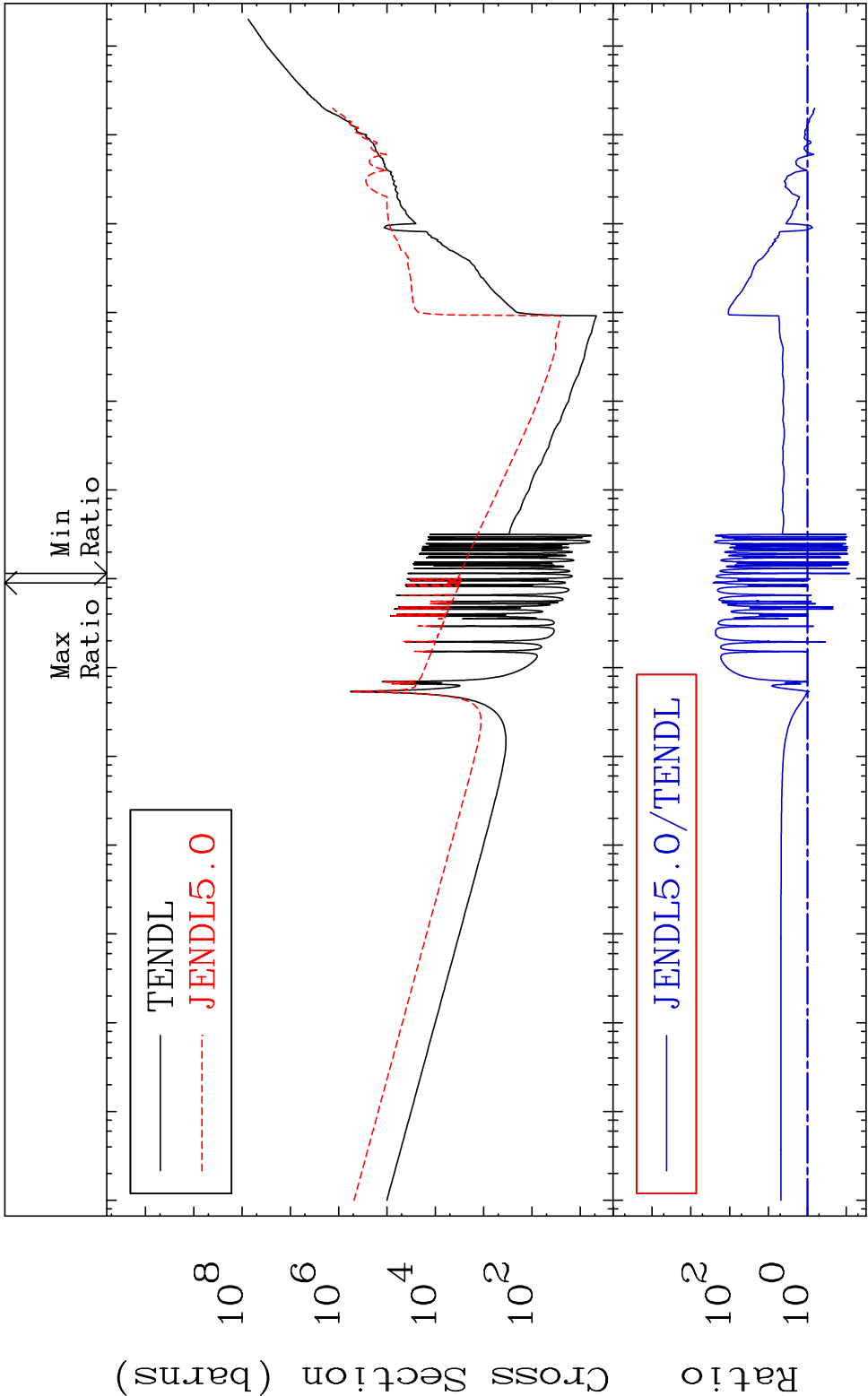


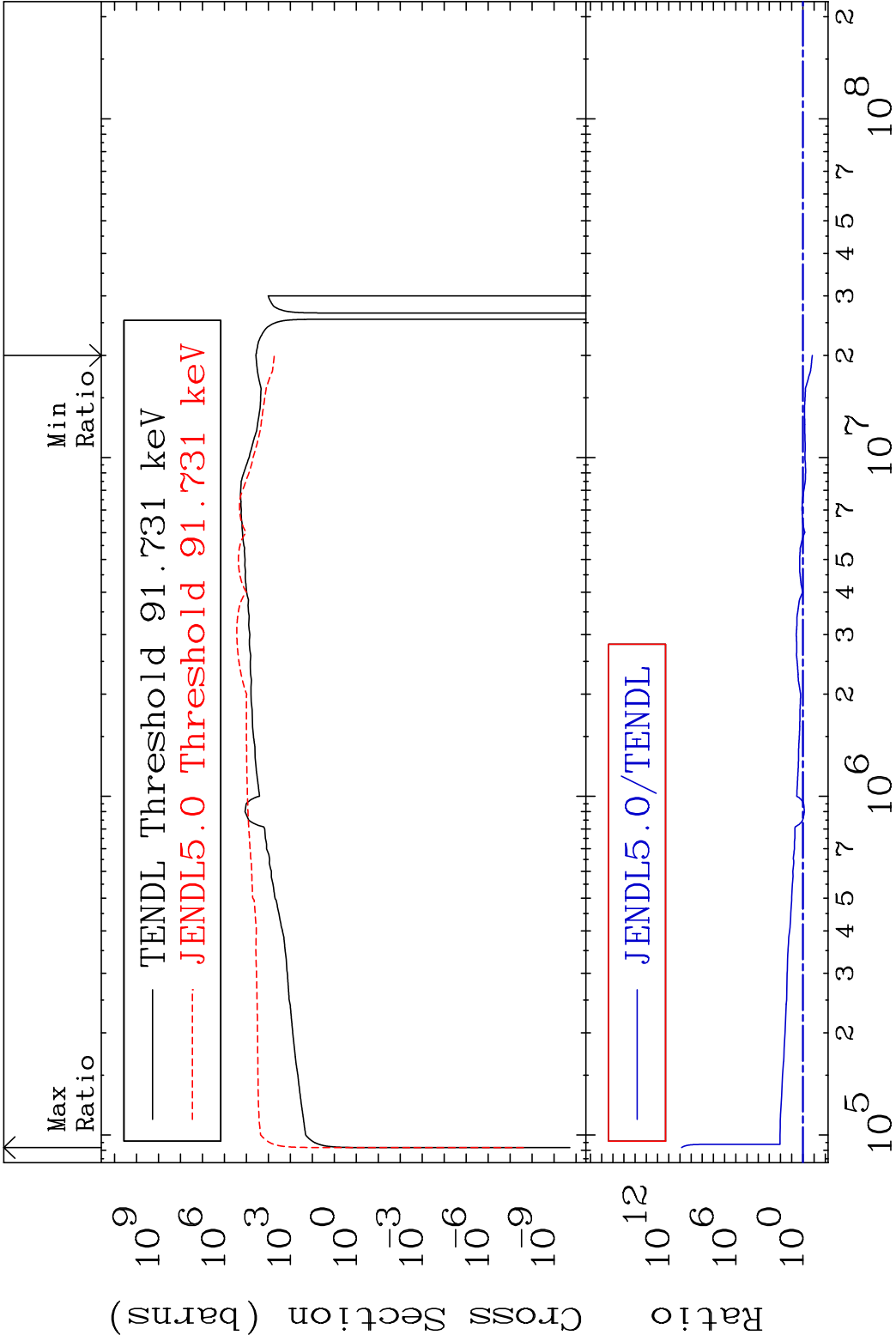
MAT 6149 Kerma elastic 61-Pm-147
Cross Section -97.58 To 6083. %



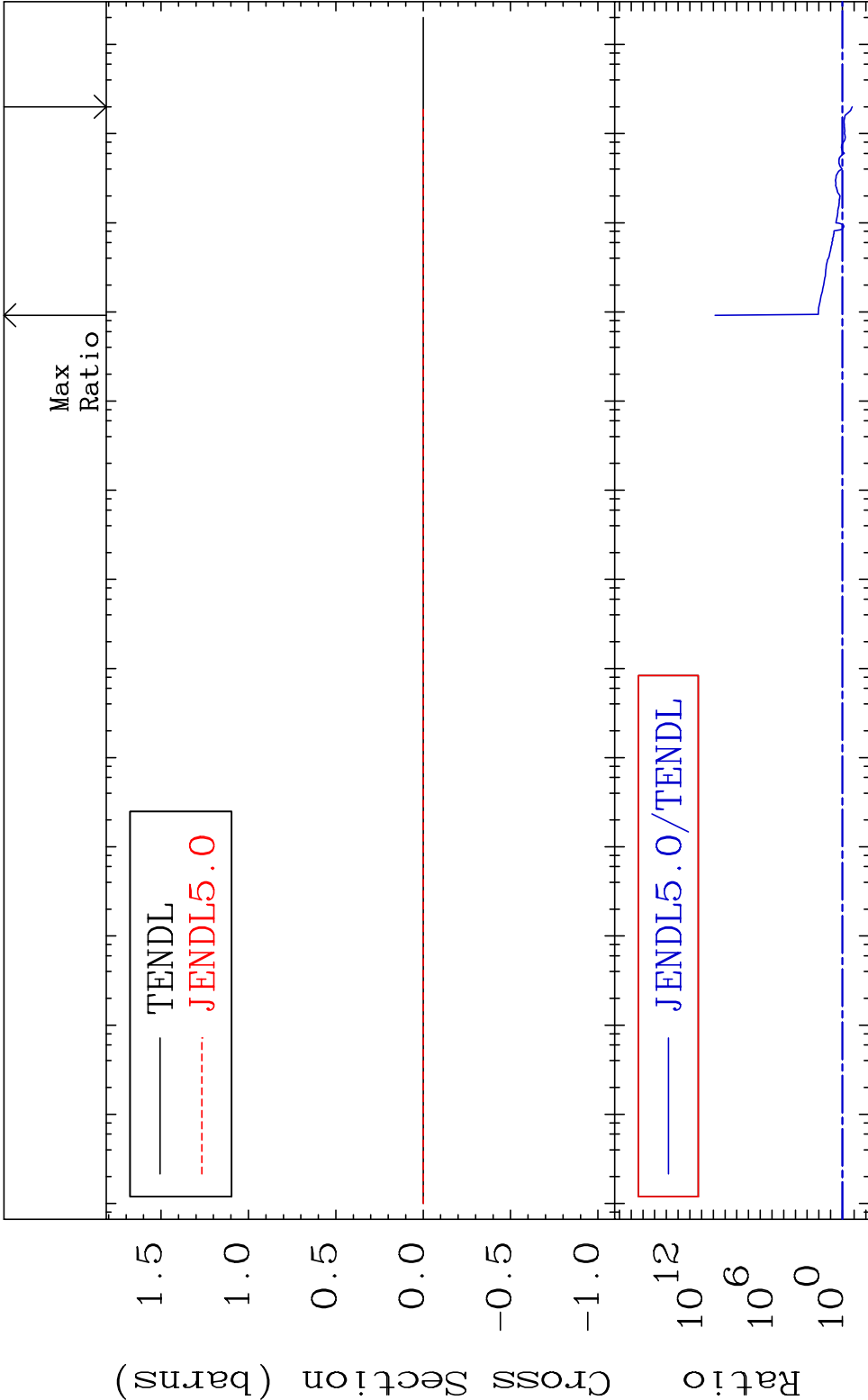
42 Incident Energy (eV) 61-Pm-147

MAT 6149 Kerma non-elastic (all but mt2) 61-Pm-147
 Cross Section -91.78 To 9999. %



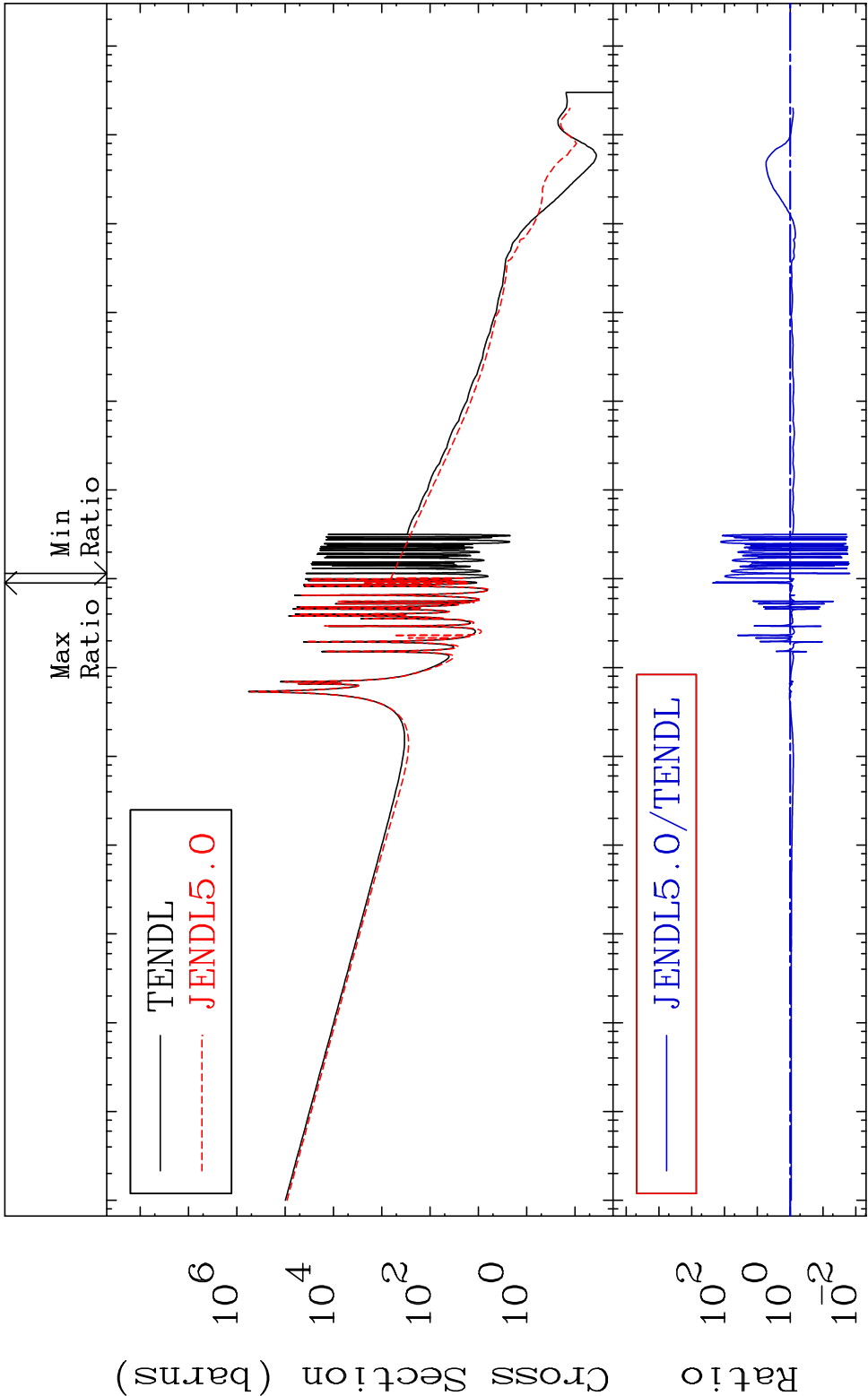


MAT 6149Kerma fission (mt18 or mt19-20-21-38)61-Pm-147
Cross Section -85.35 To 9999. %

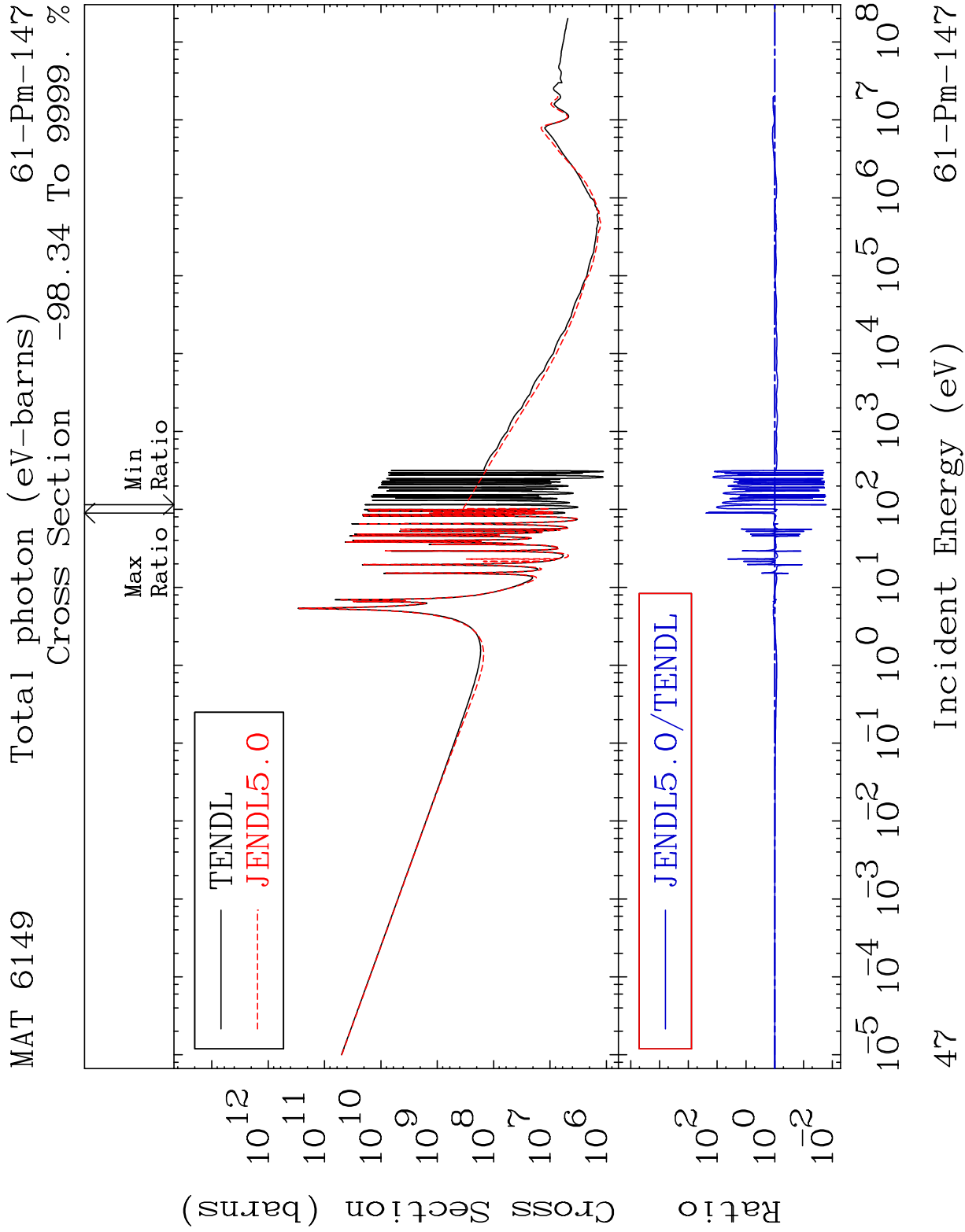


45 Incident Energy (eV) 61-Pm-147

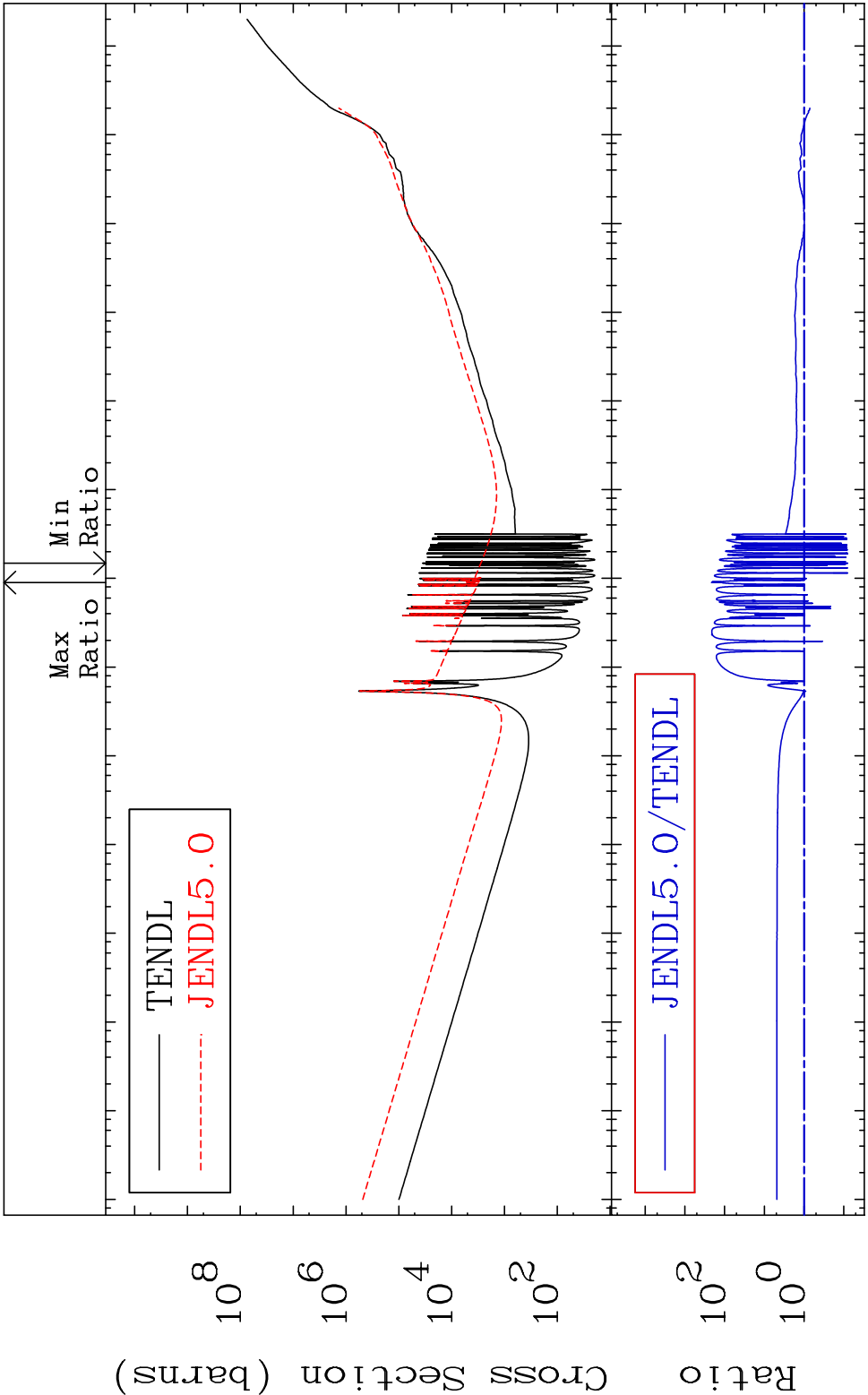
MAT 6149 Kerma capture (mt102) 61-Pm-147
Cross Section -98.45 To 9999. %



46 Incident Energy (eV) 61-Pm-147



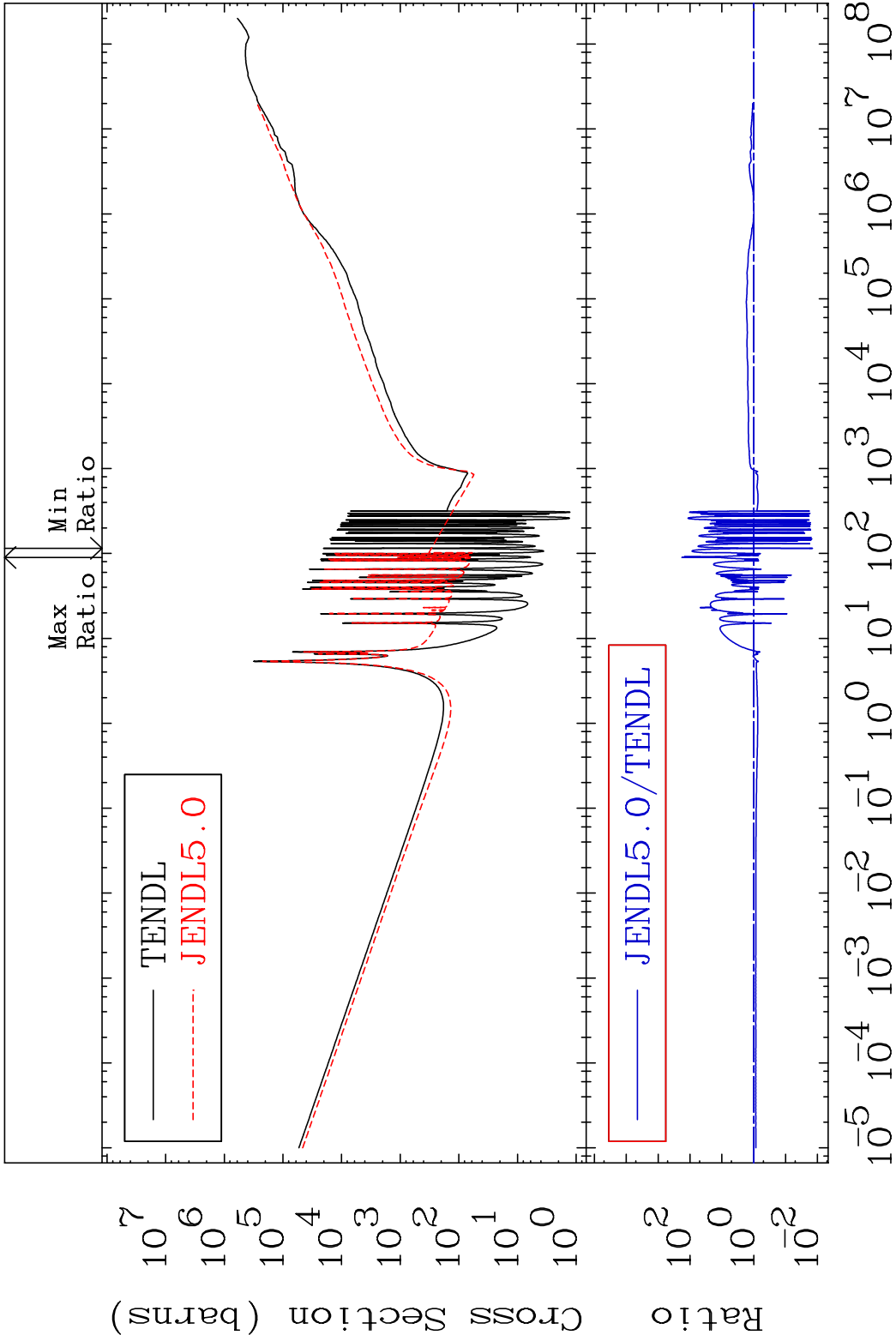
MAT 6149 Total kinematic kerma (high limit) 61-Pm-147
Cross Section -92.05 To 9999. %



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

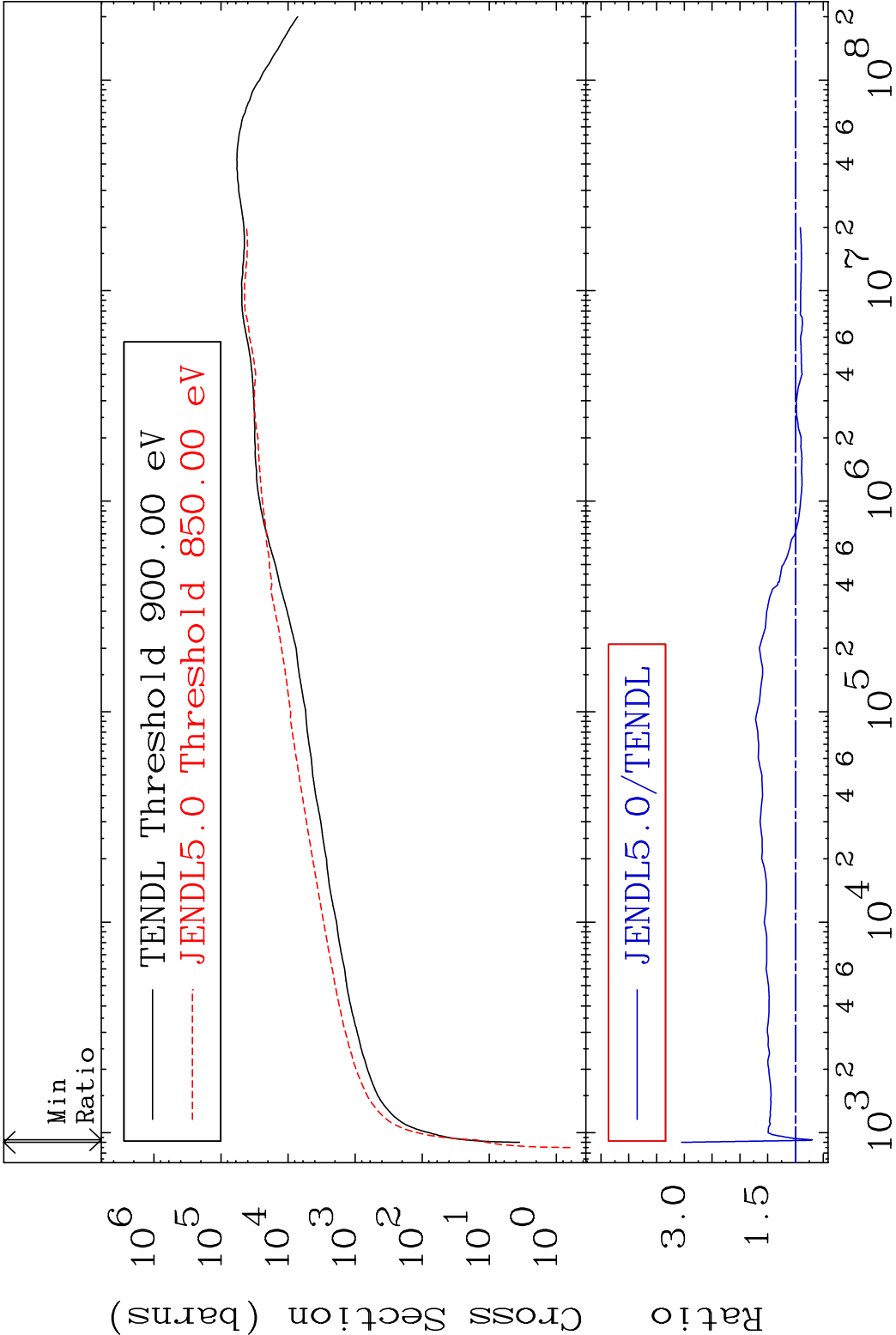
48 Incident Energy (eV) 61-Pm-147

MAT 6149 Dpa total (eV-barns) 61-Pm-147
Cross Section -98.55 To 9999. %



49 Incident Energy (eV) 61-Pm-147

MAT 6149 Dpa elastic (mt2) 61-Pm-147
Cross Section -30.16 To 205.0 %



50 Incident Energy (eV) 61-Pm-147

MAT 6149 Dpa inelastic (mt51-91) 61-Pm-147
Cross Section 13.06 To 9999. %

