

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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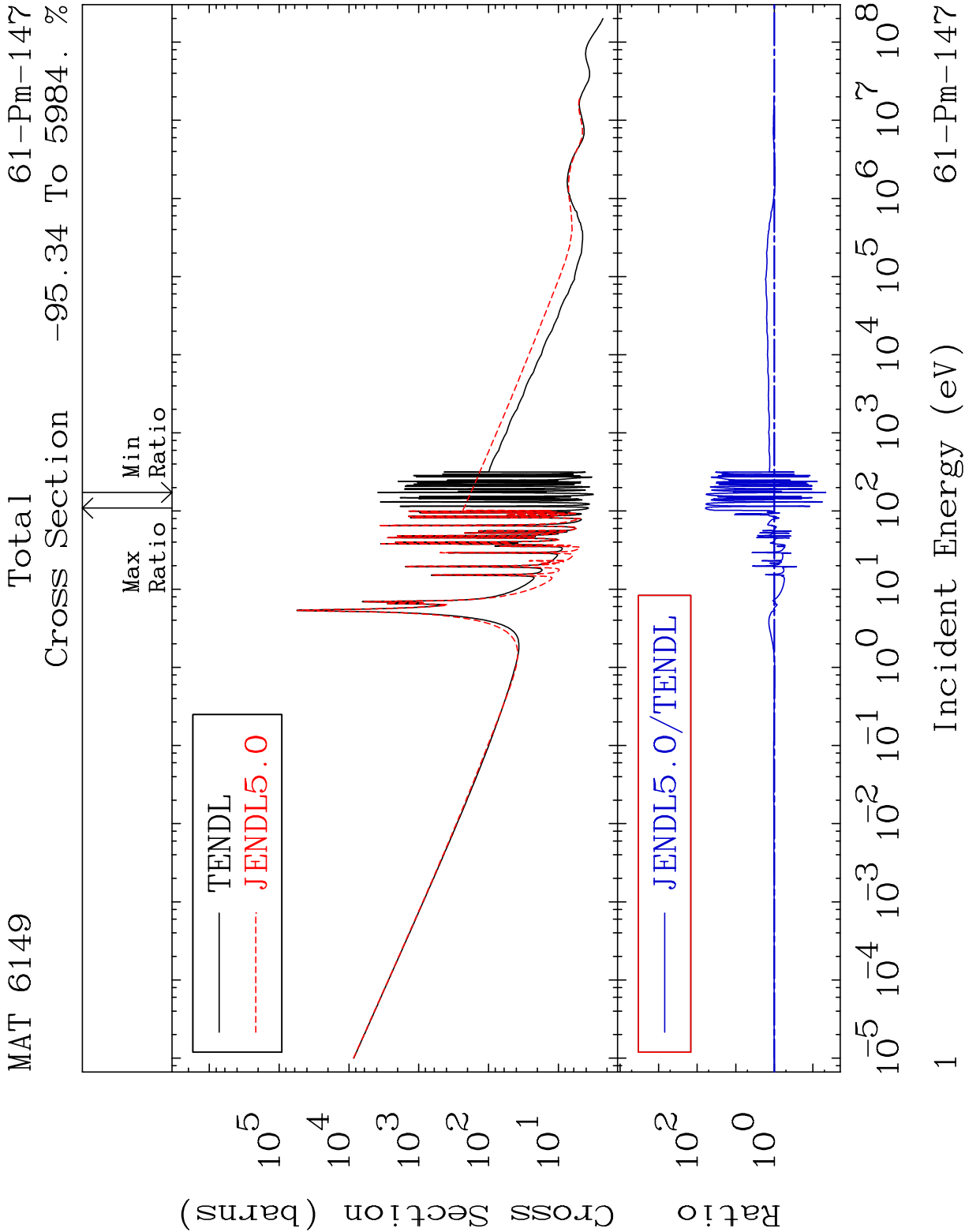
U.S.A.

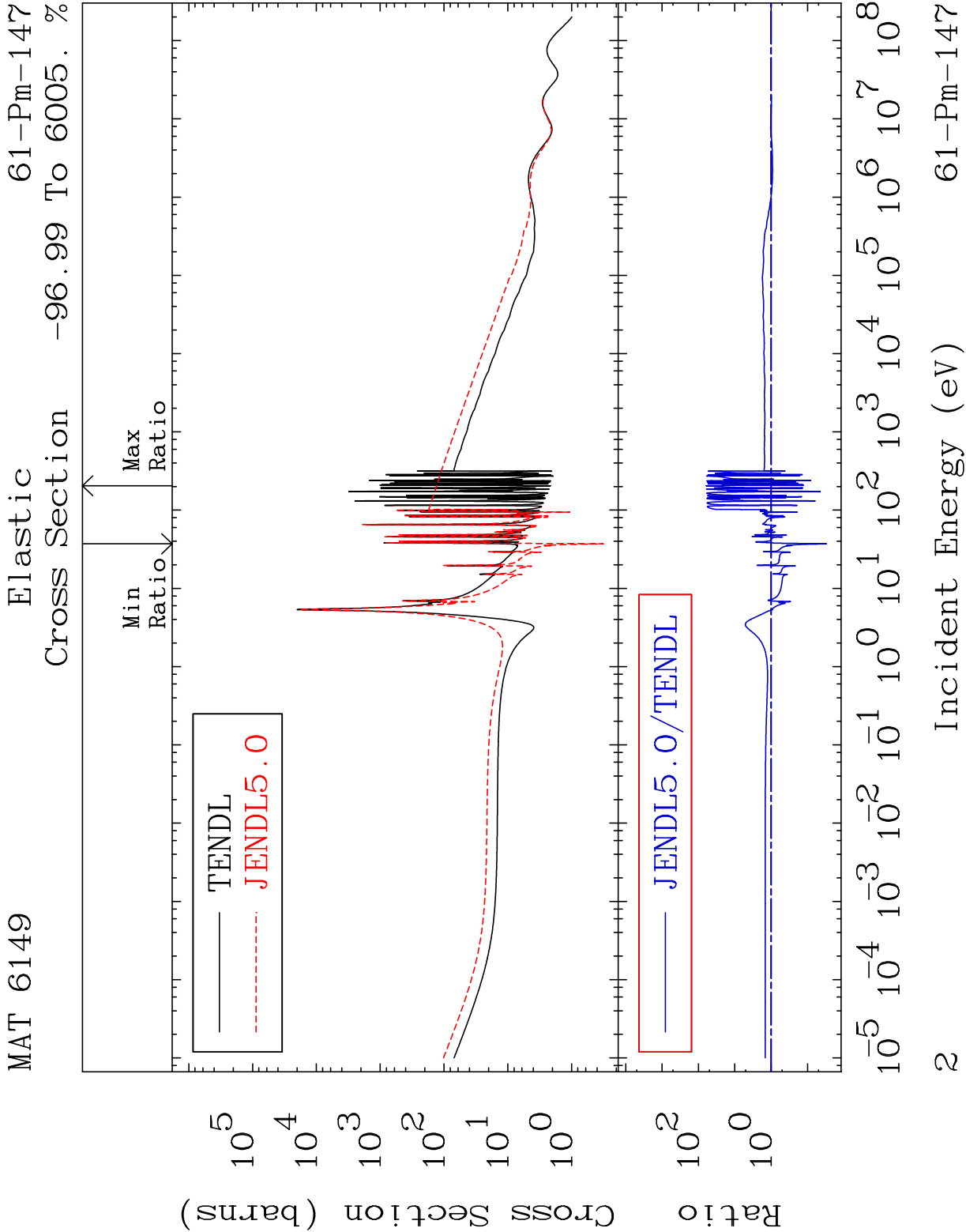
Tele: 925-443-1911

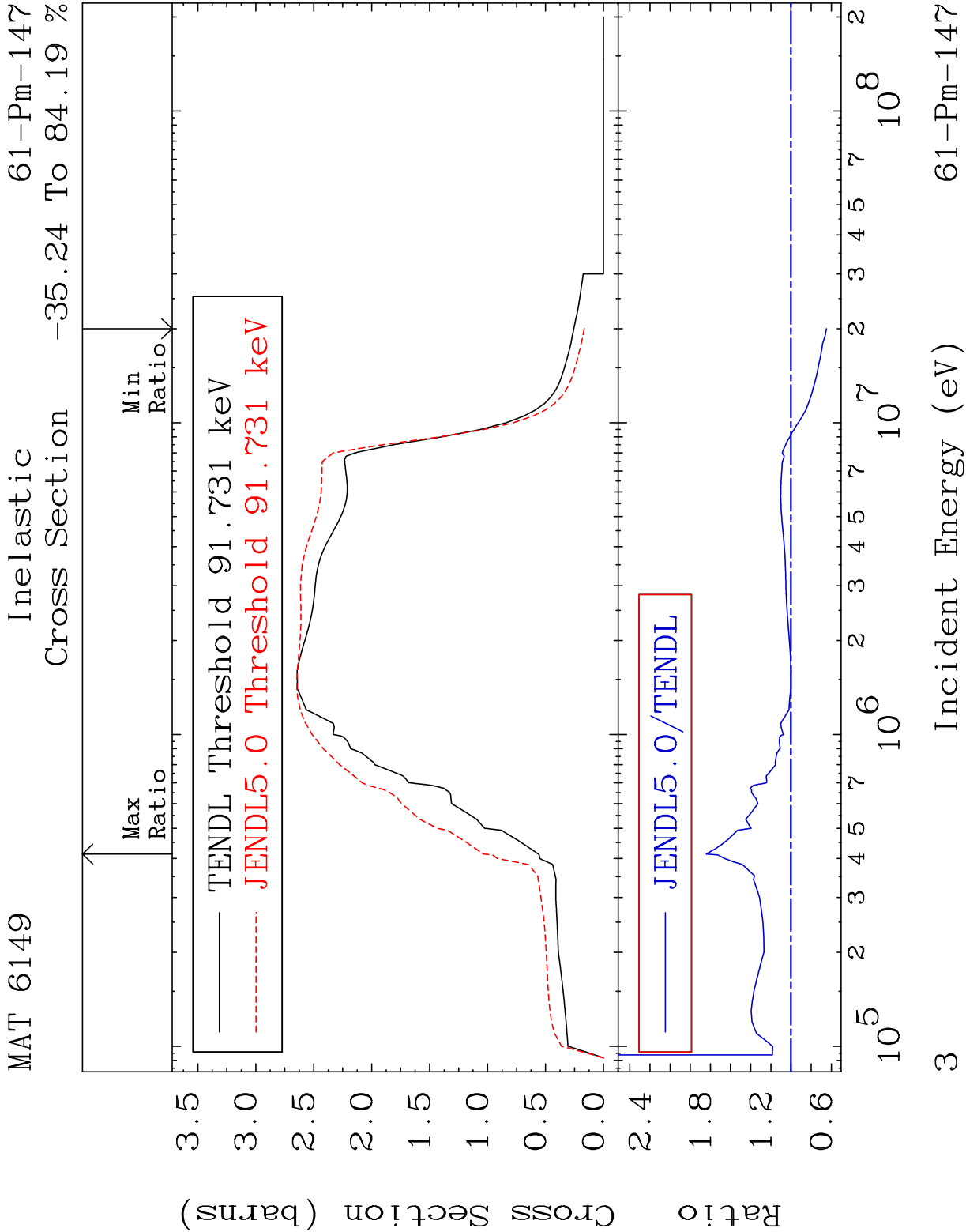
E.Mail: redcullen1@comcast.net

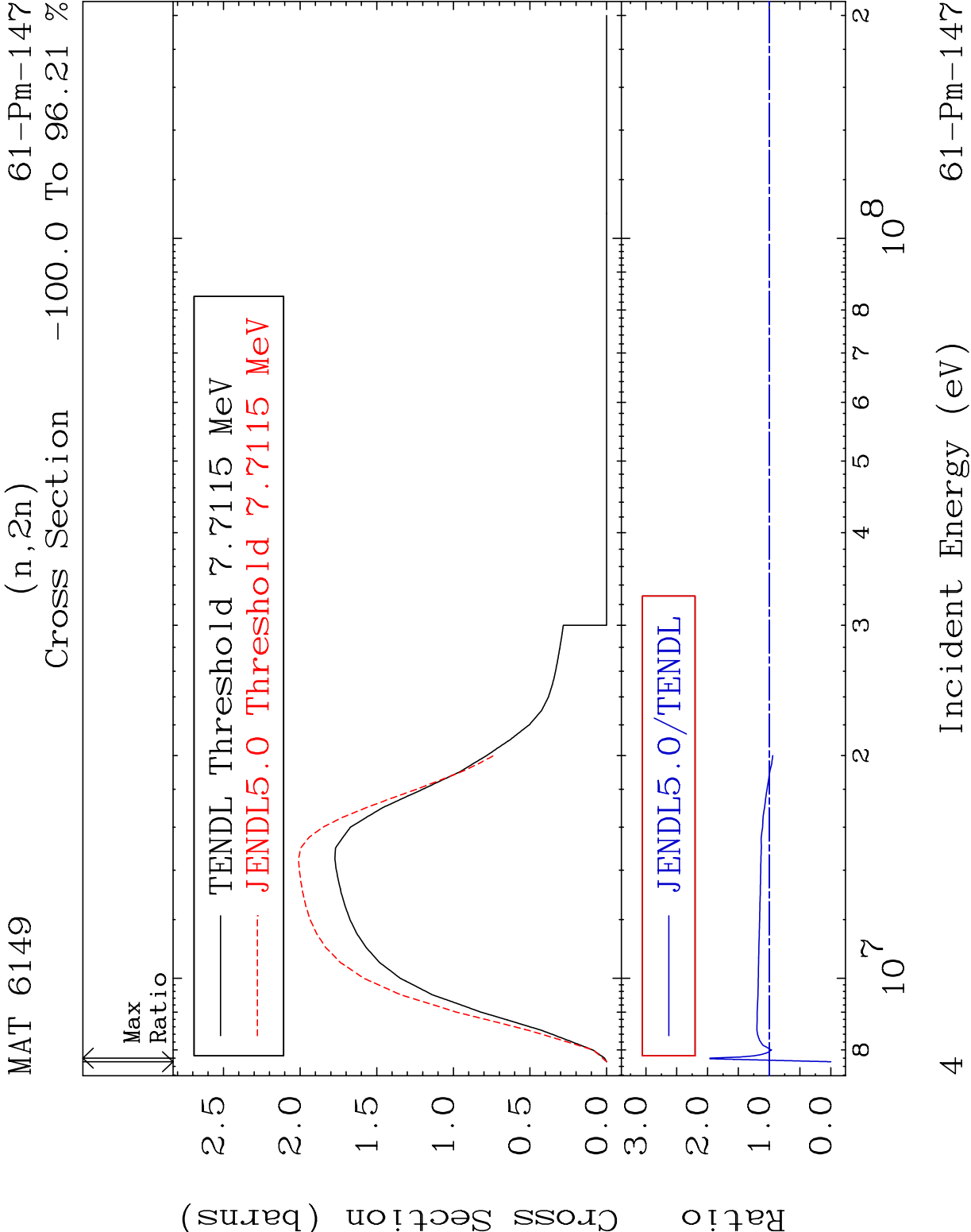
Web: redcullen1.net/HOMEPAGE.NEW

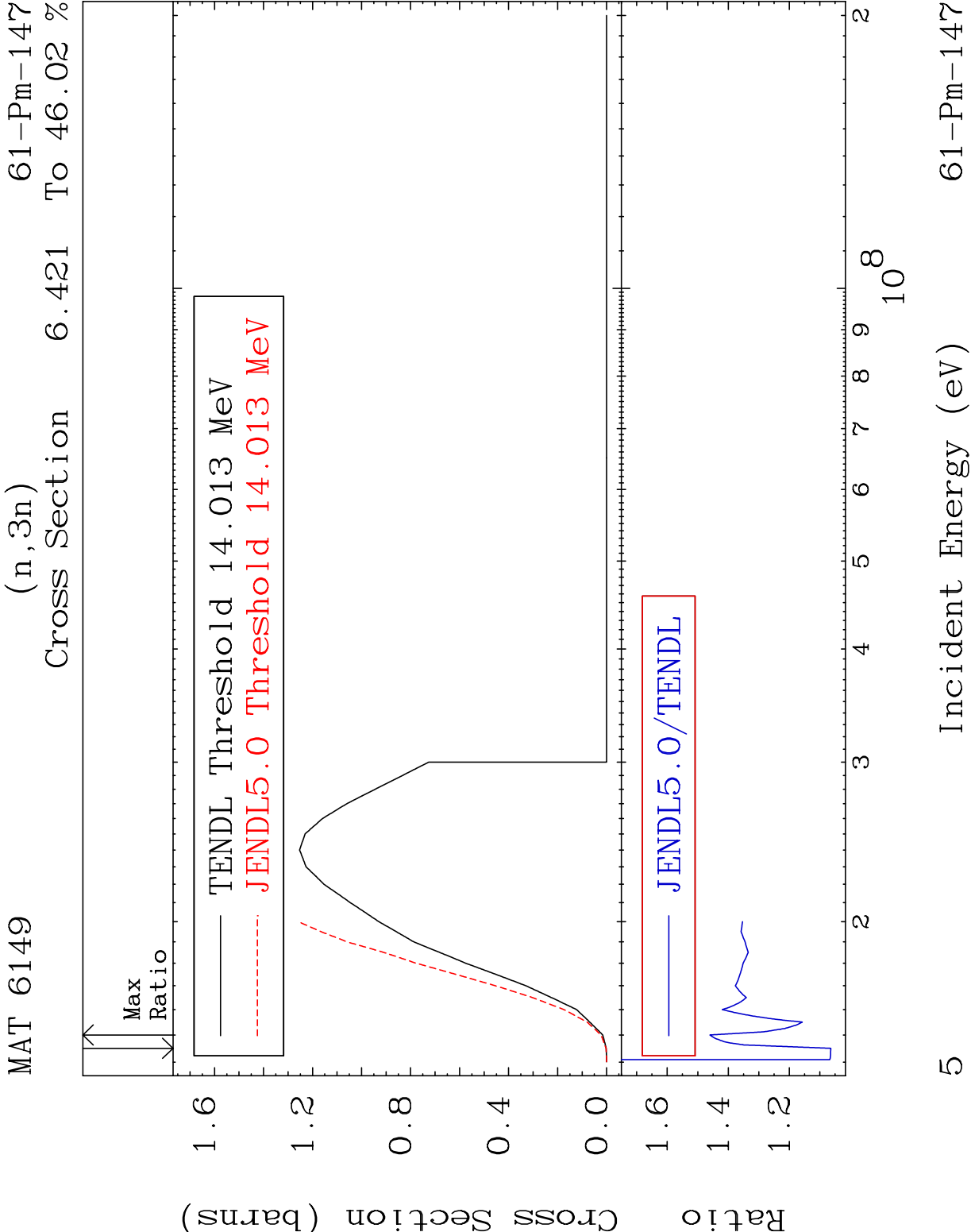
Press Mouse Button to Start











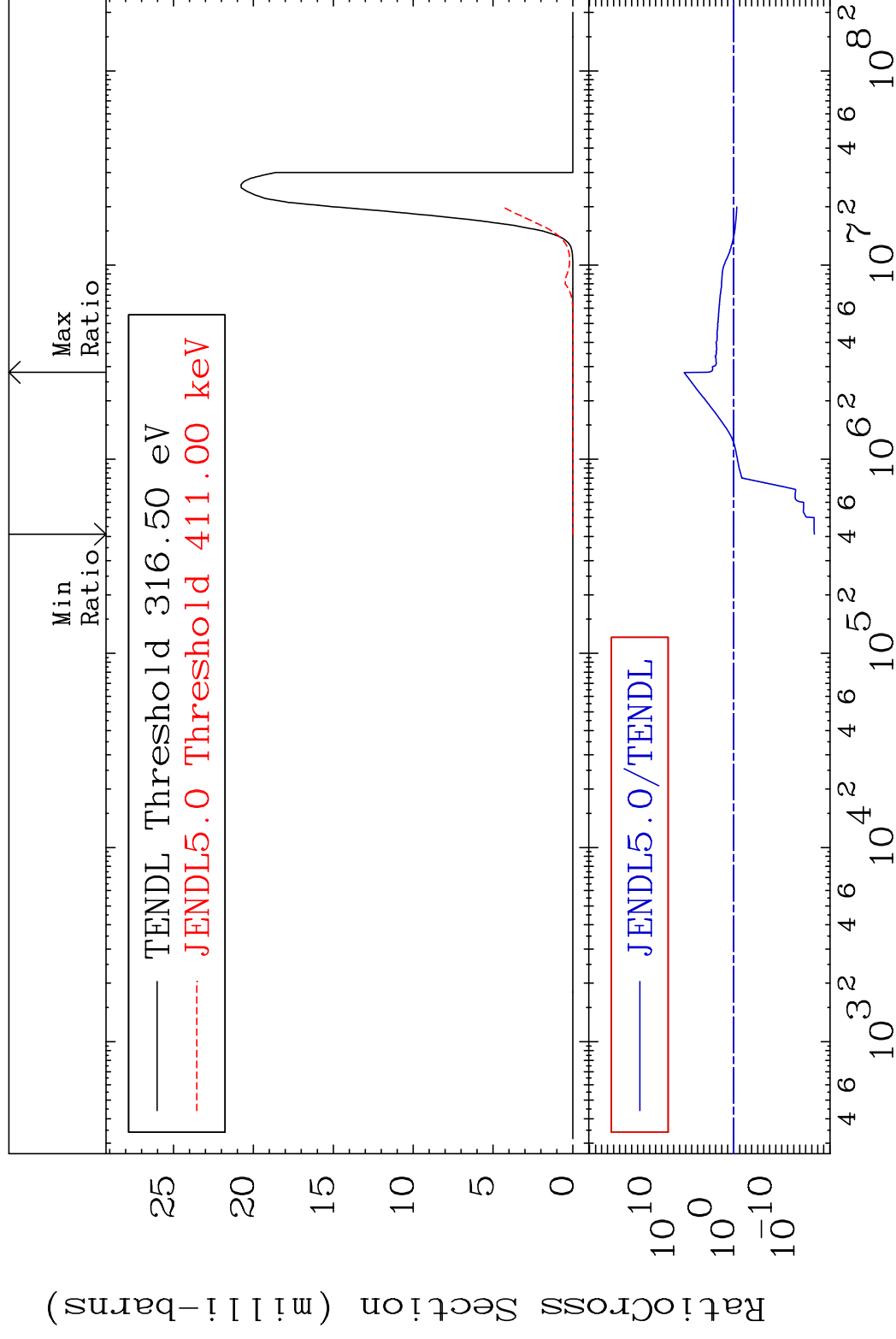
MAT 6149

$$(n, n') \propto$$

61-Pm-147

Cross Section

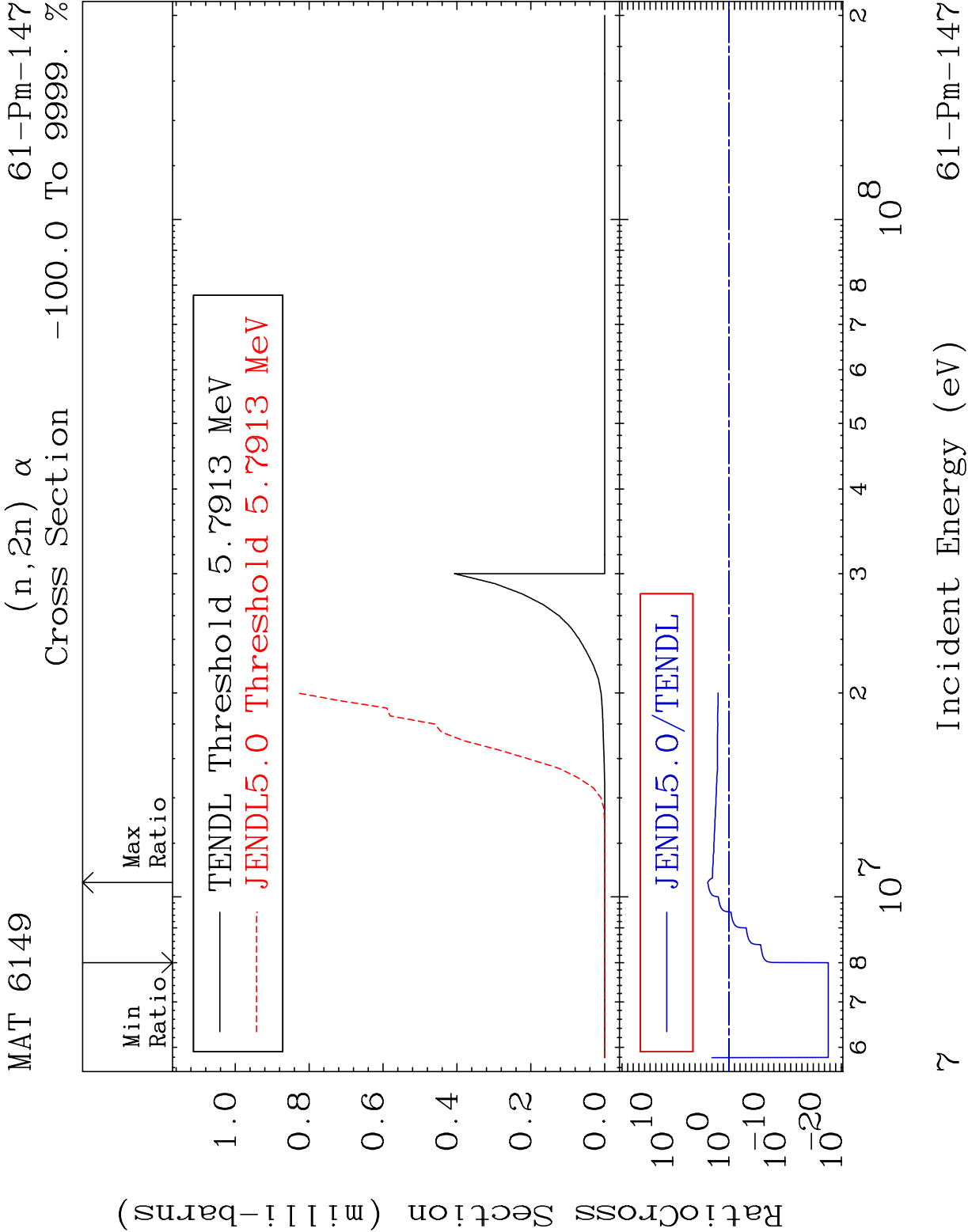
-100.0 To 9999. %

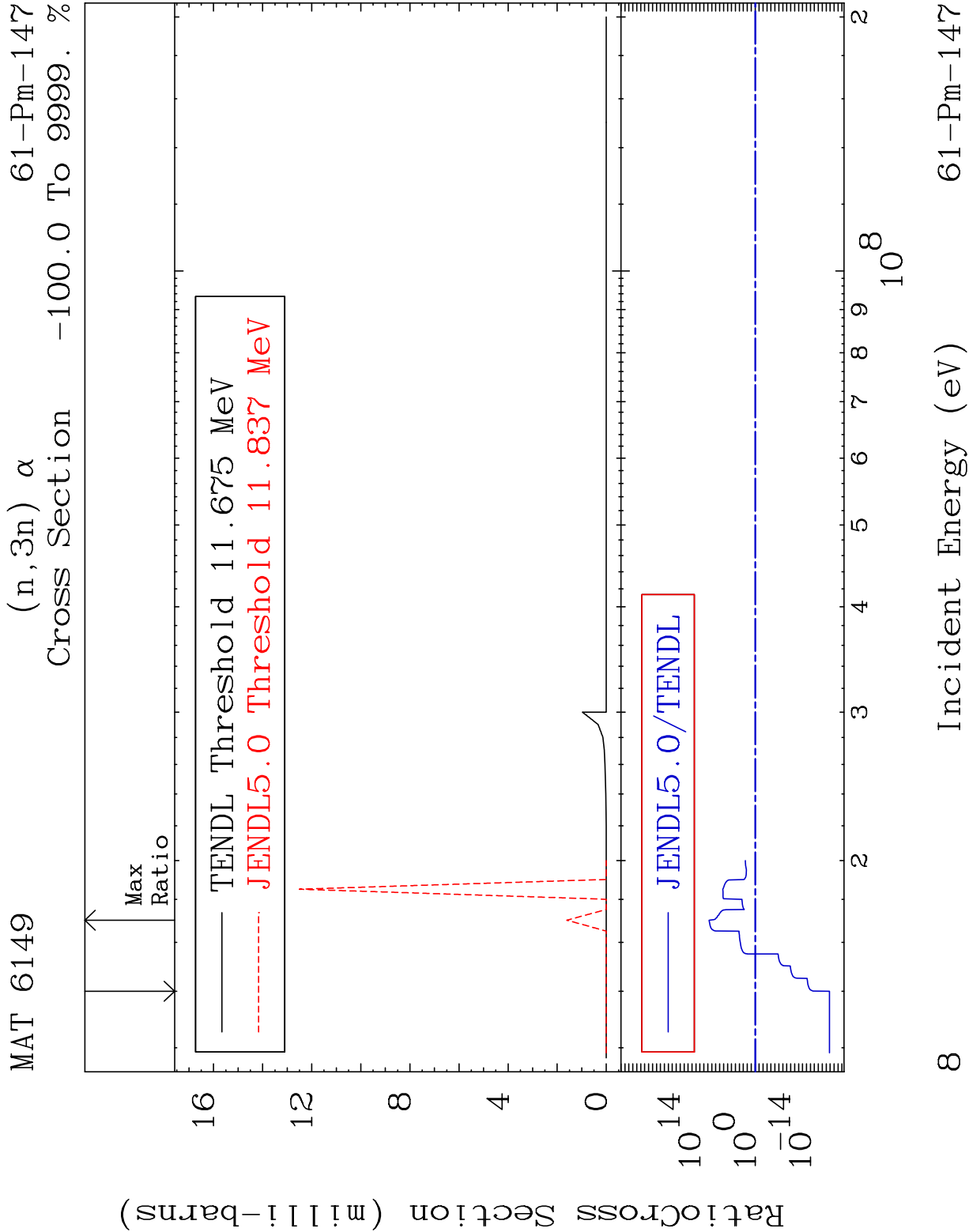


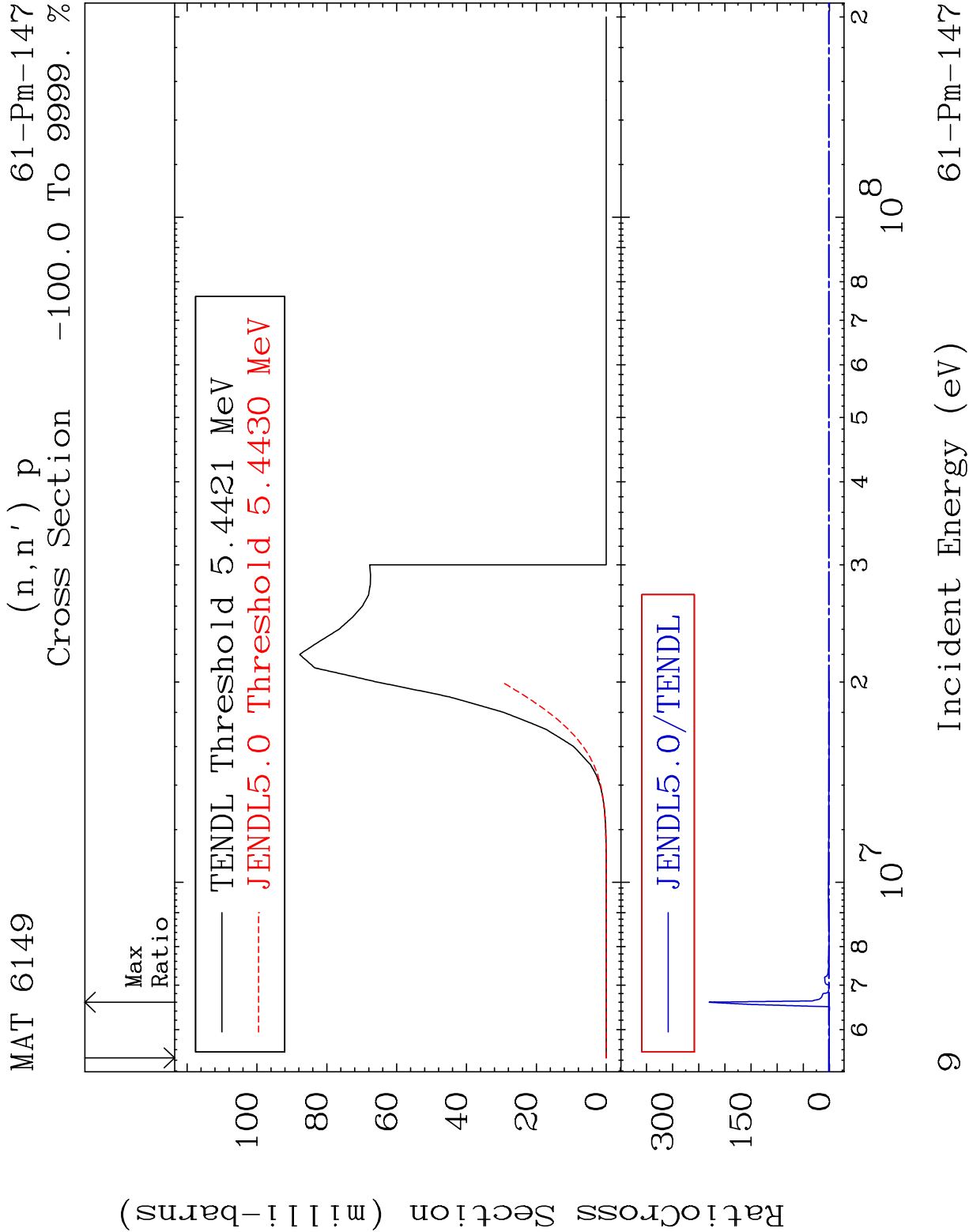
6

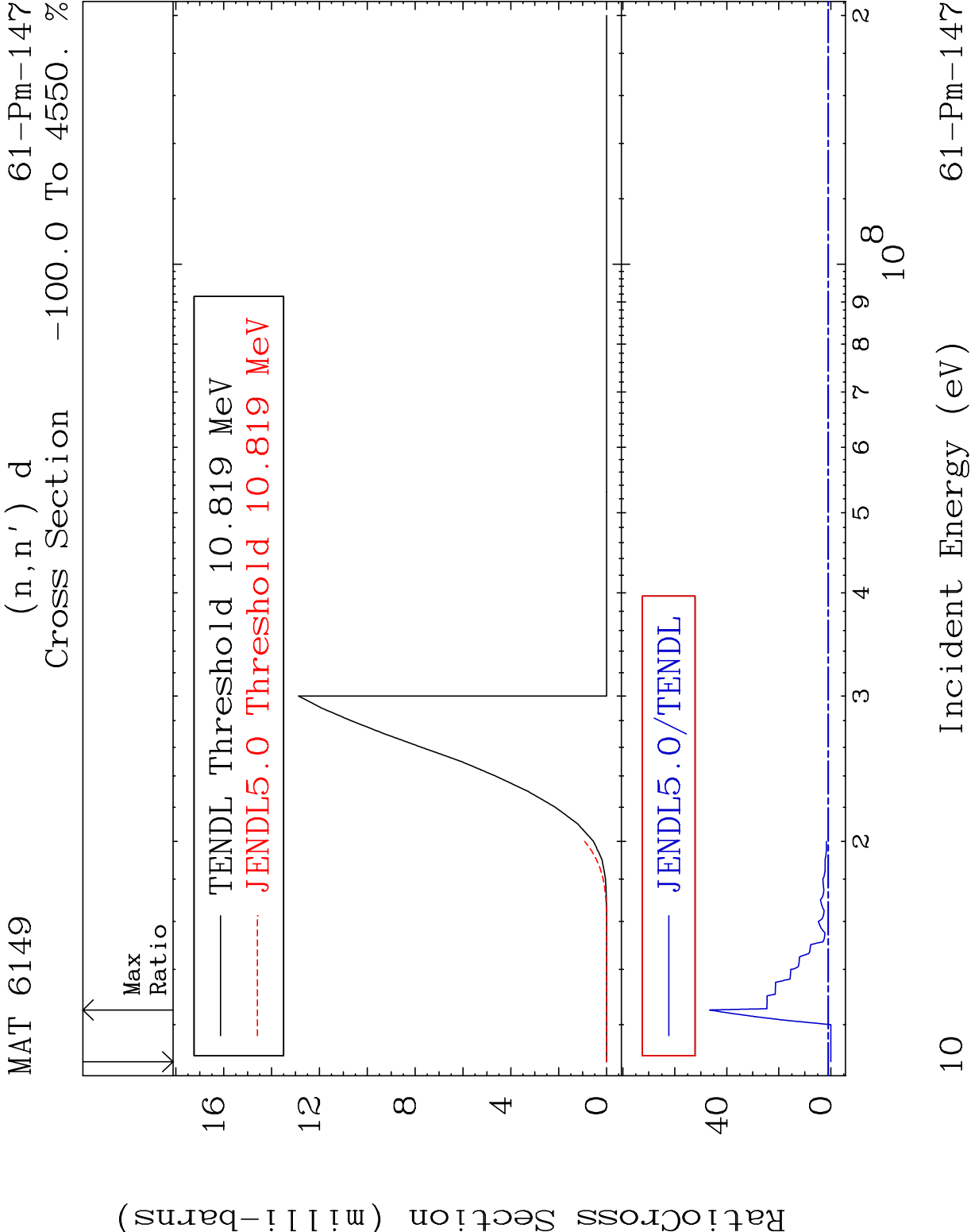
Incident Energy (eV)

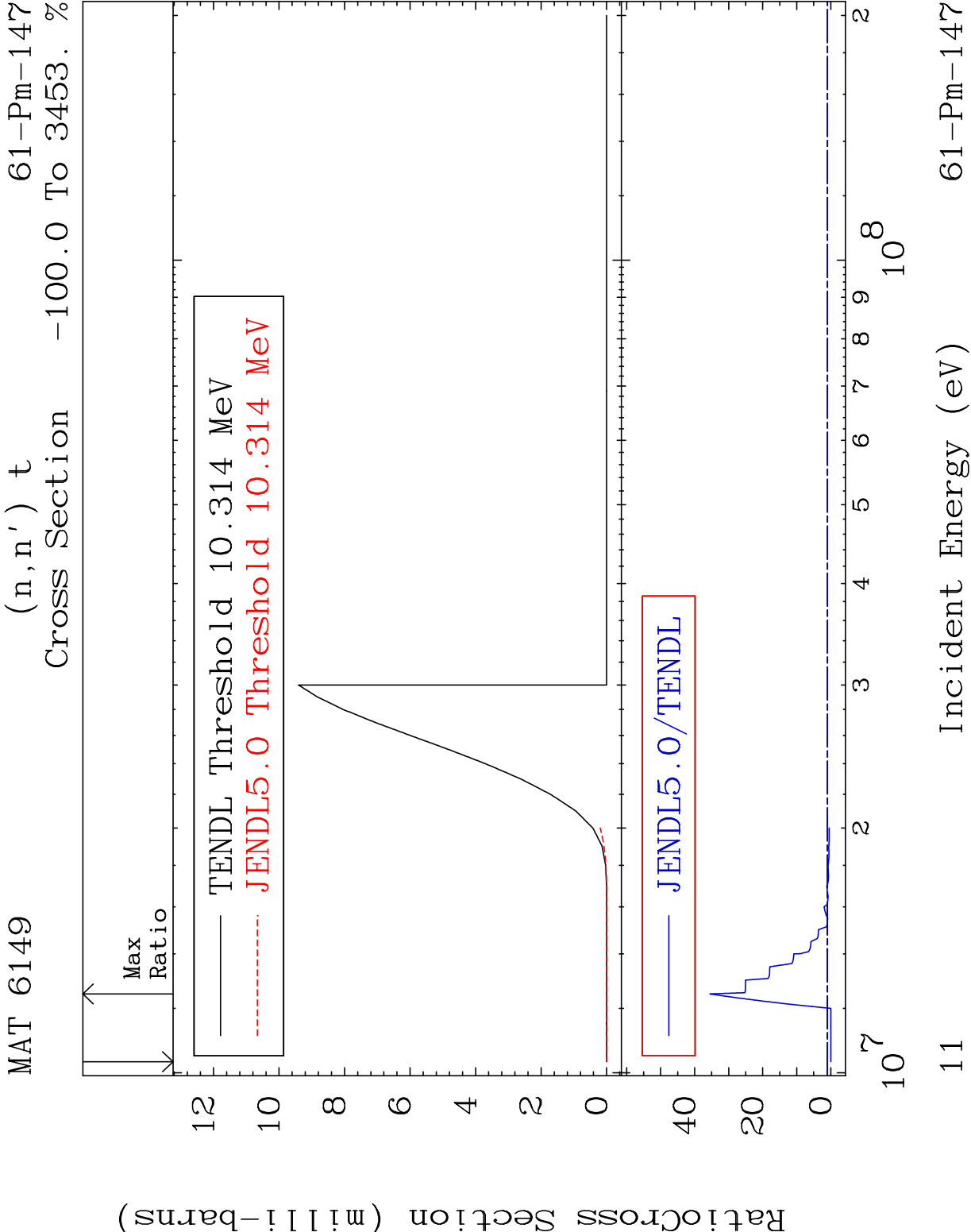
61-Pm-147

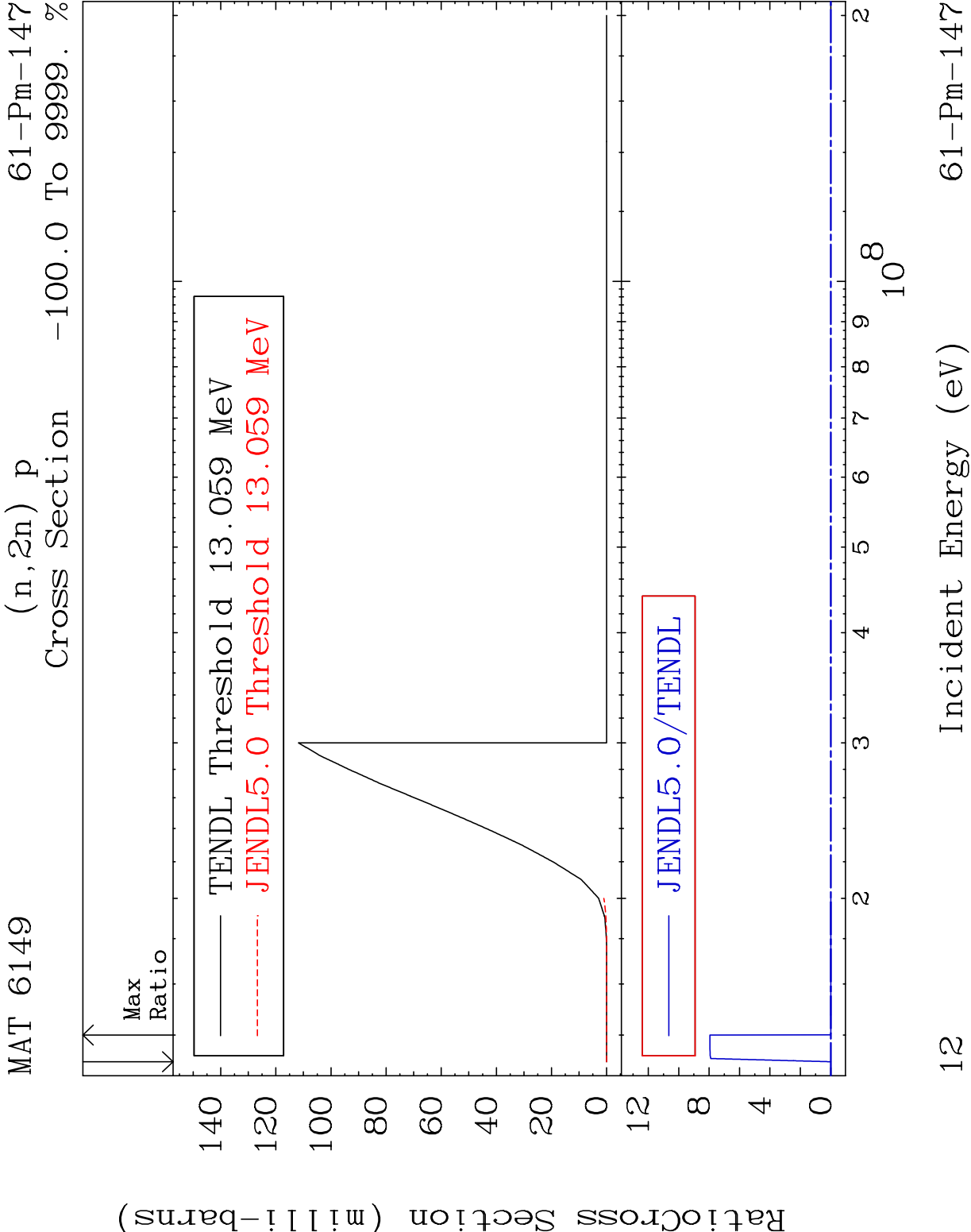


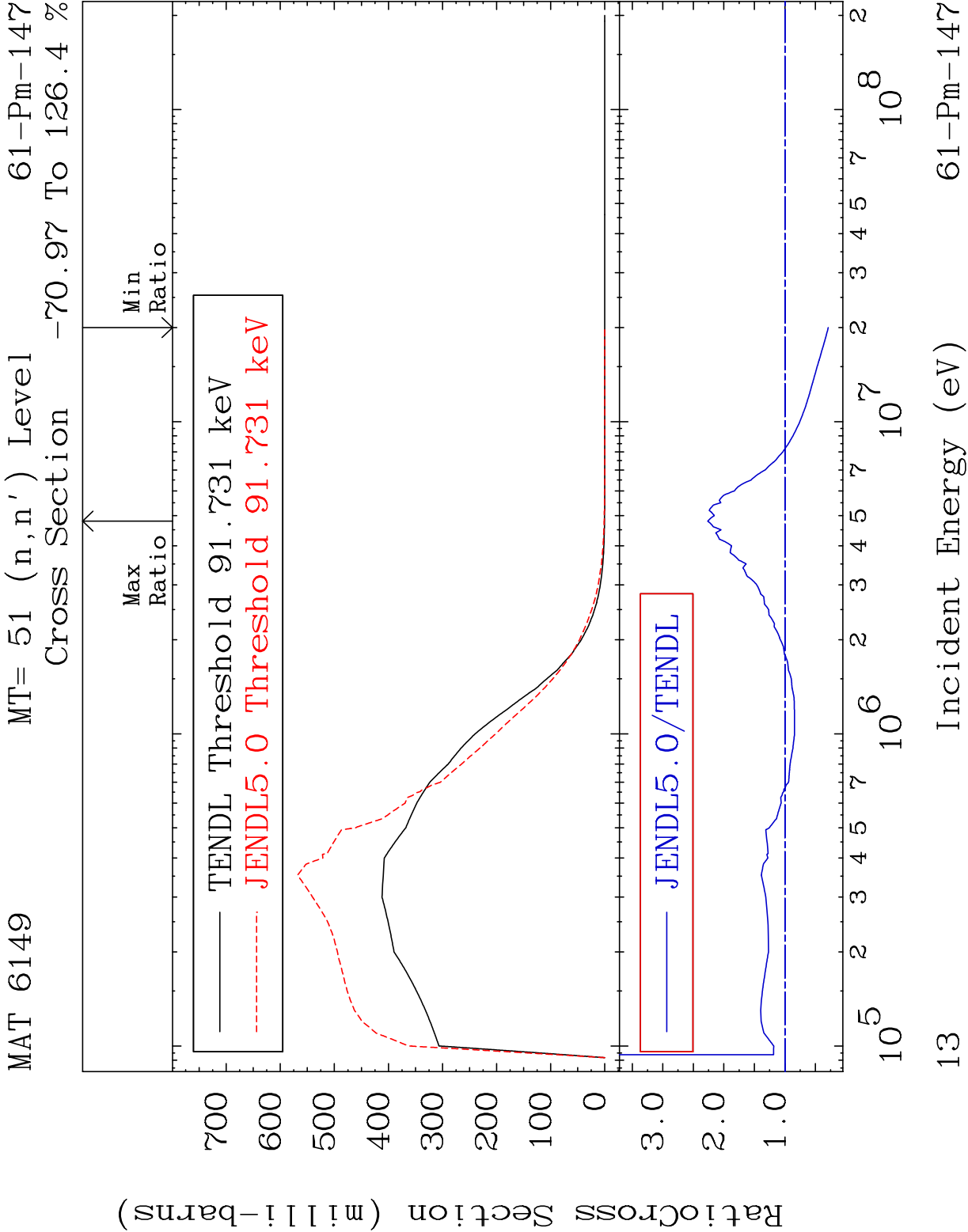


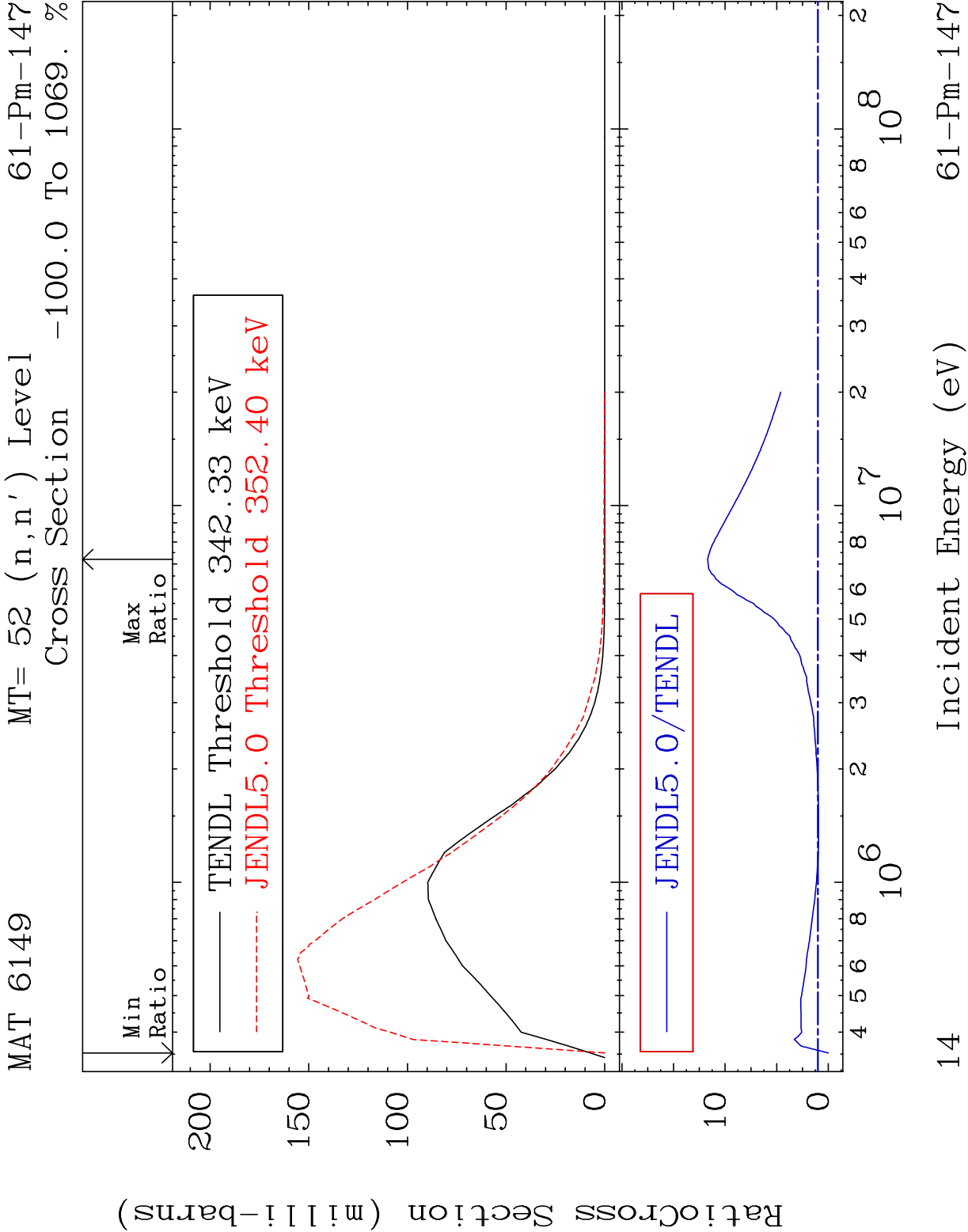










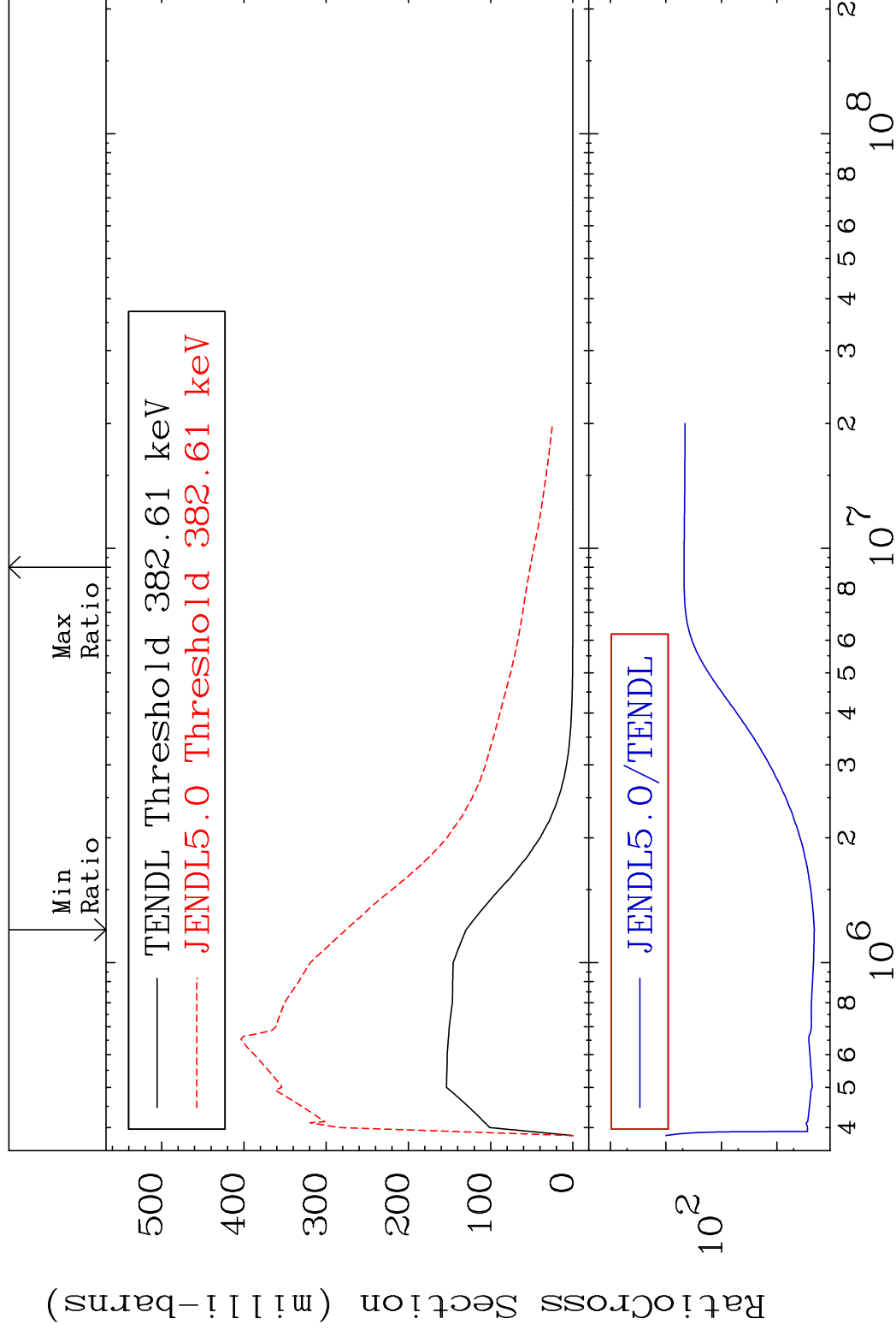


MAT 6149

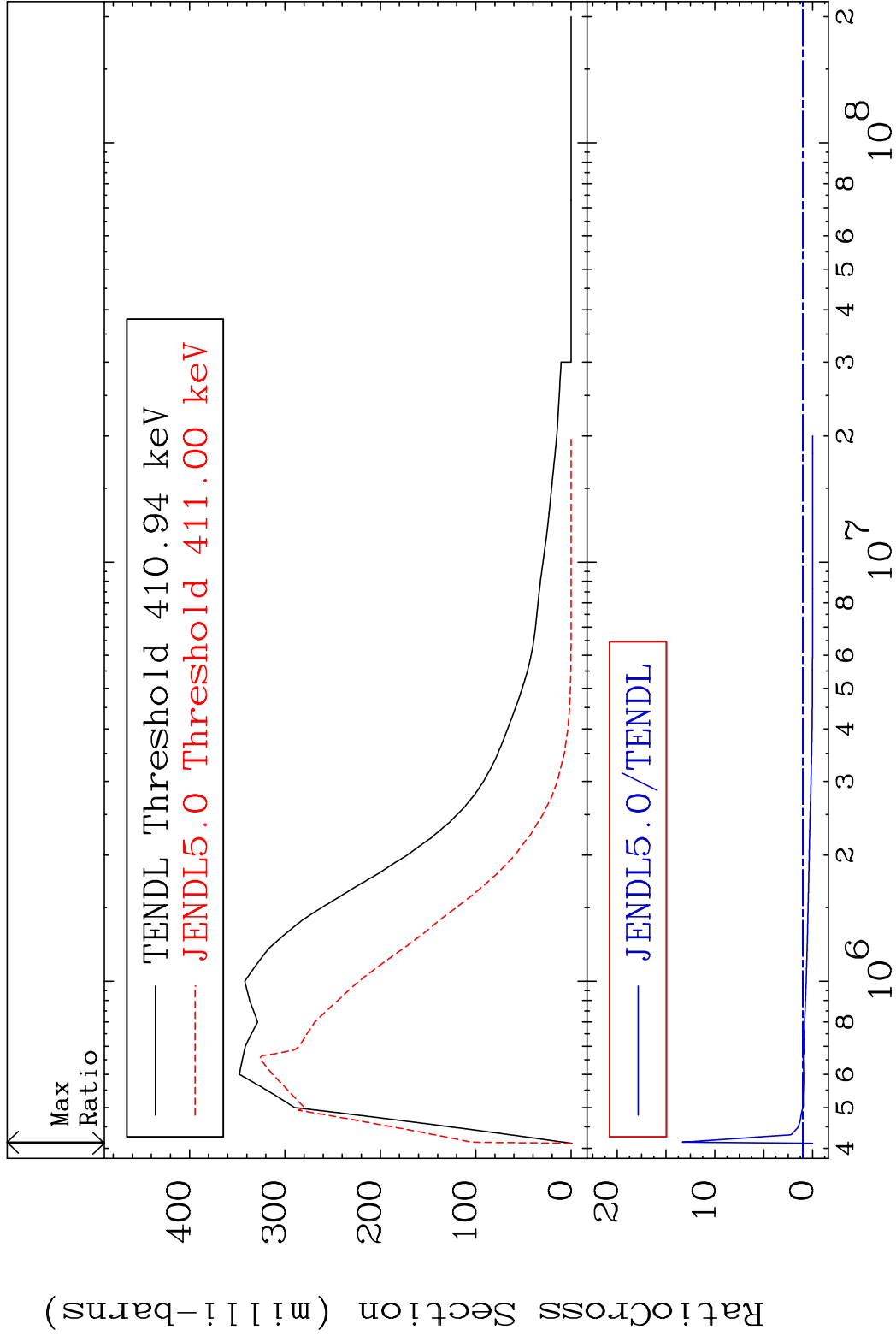
MT= 53 (n, n') Level

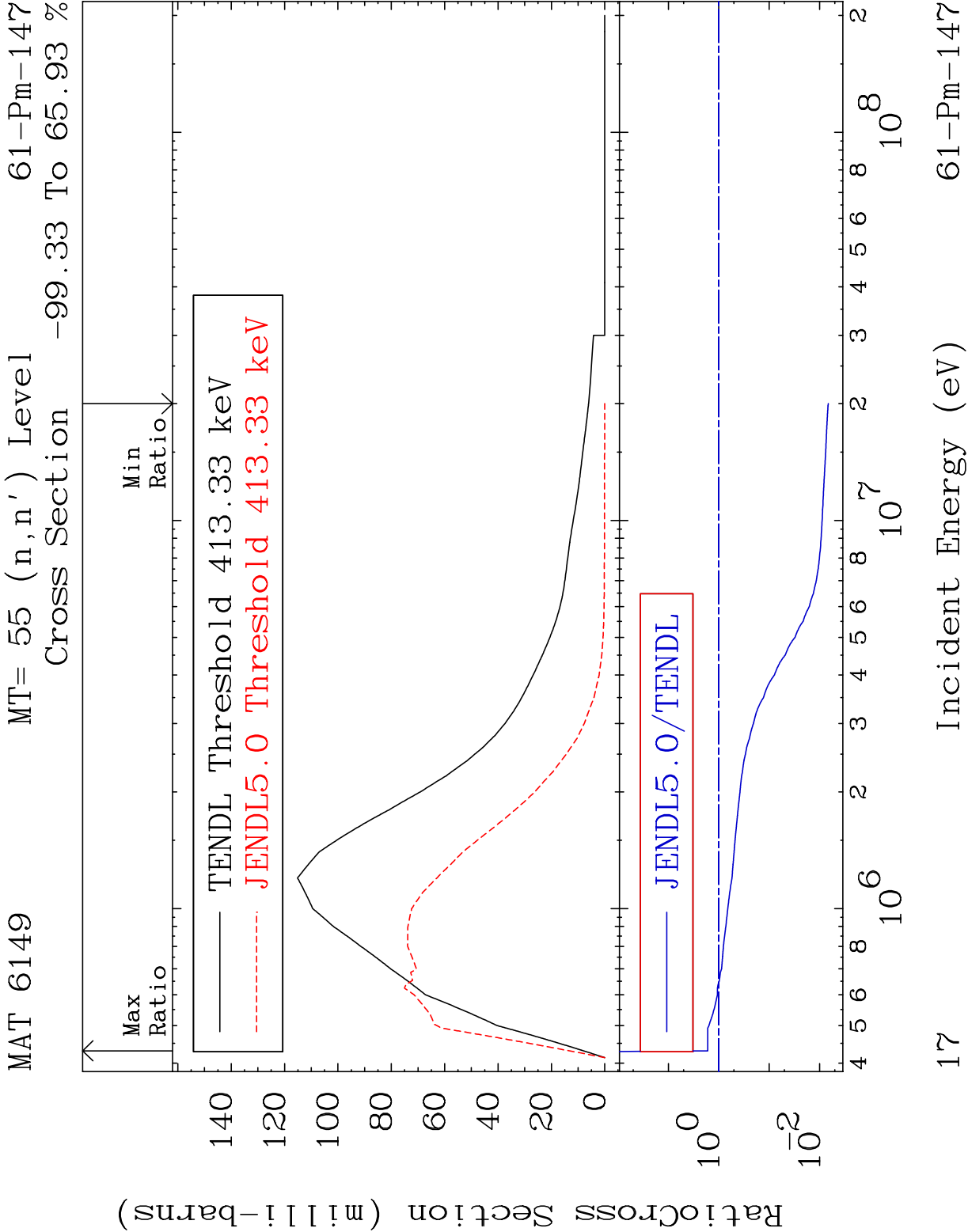
61-Pm-147

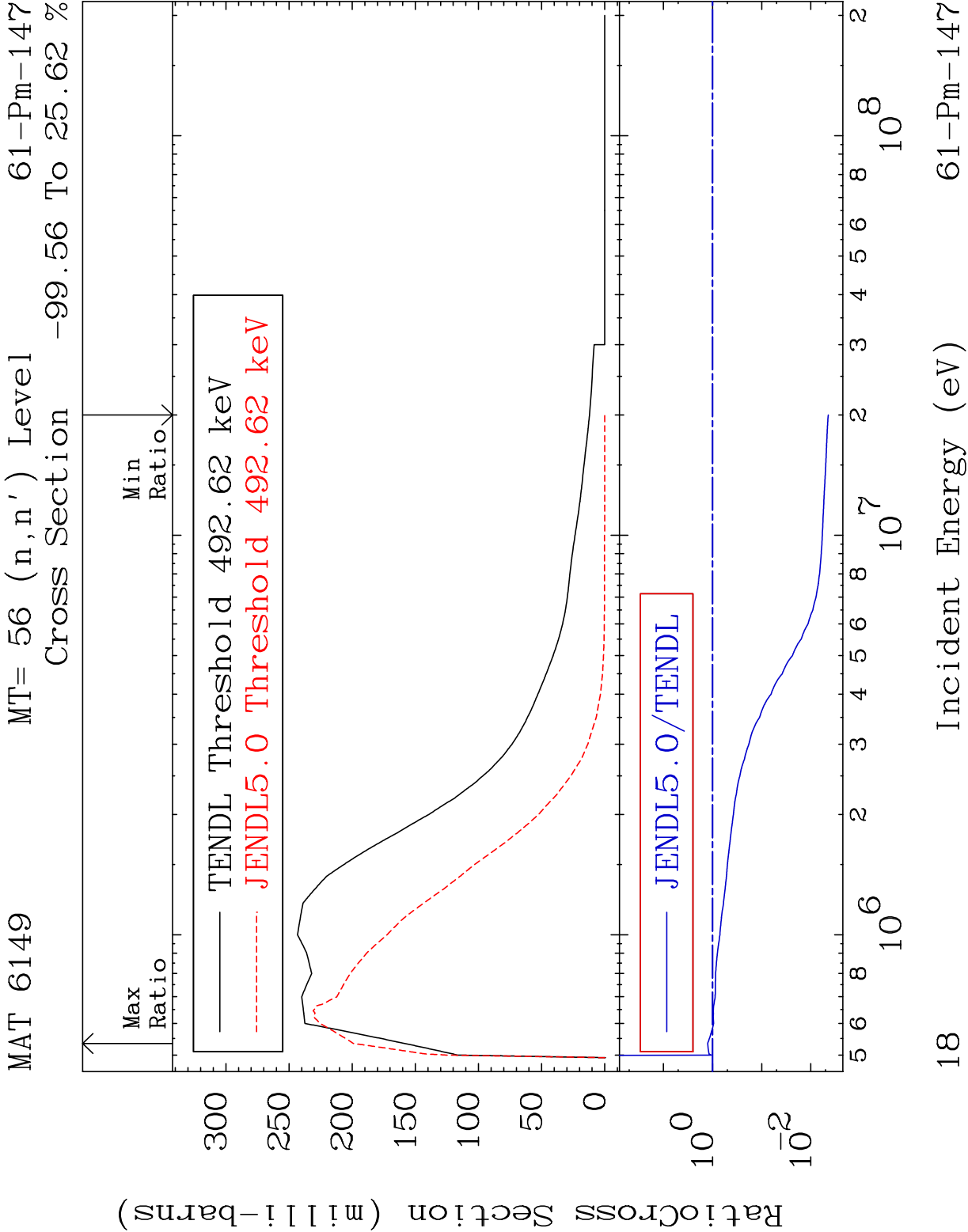
Cross Section	112.5 To 9999. %
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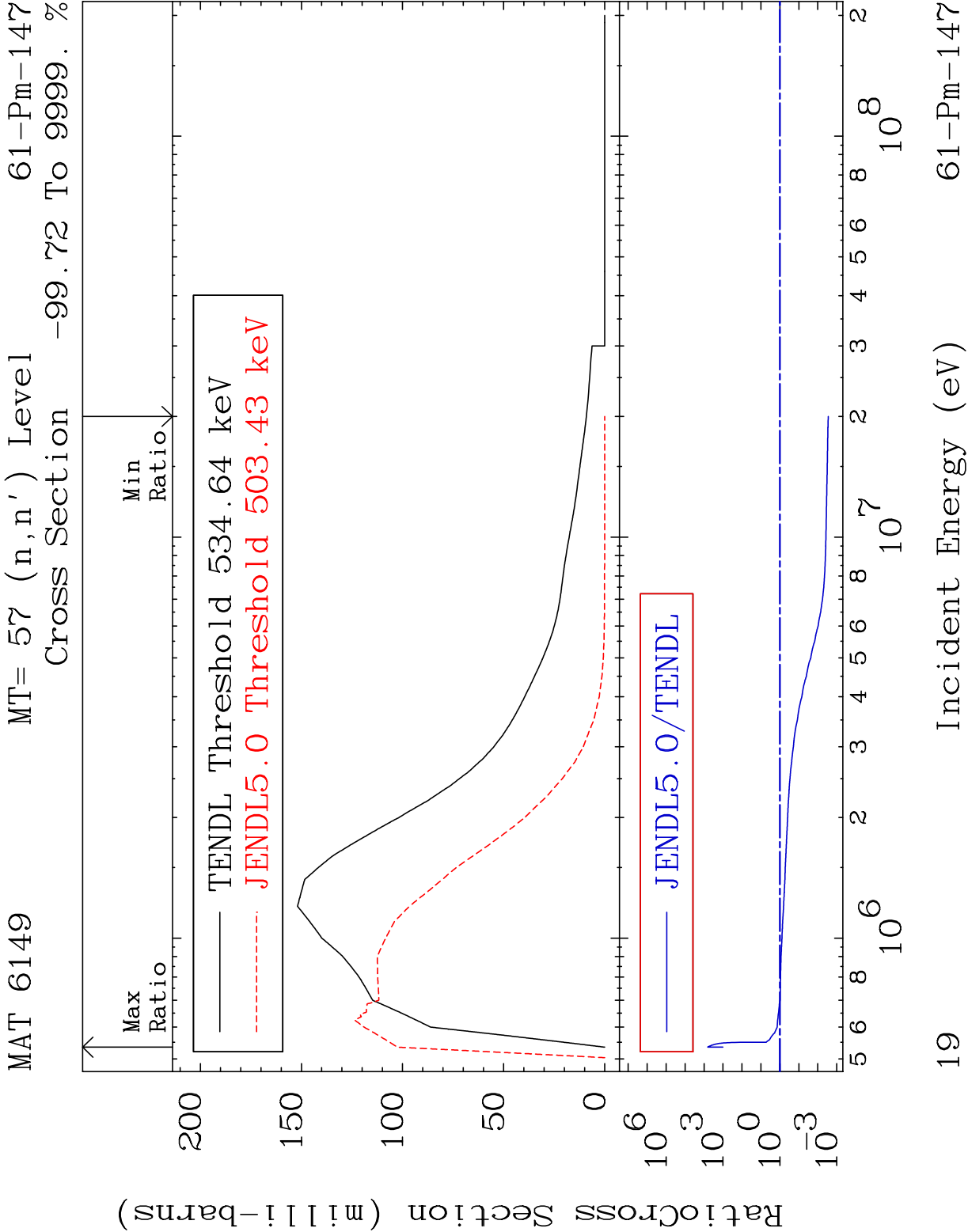


MAT 6149 MT= 54 (n,n') Level 61-Pm-147
Cross Section -100.0 To 1233. %

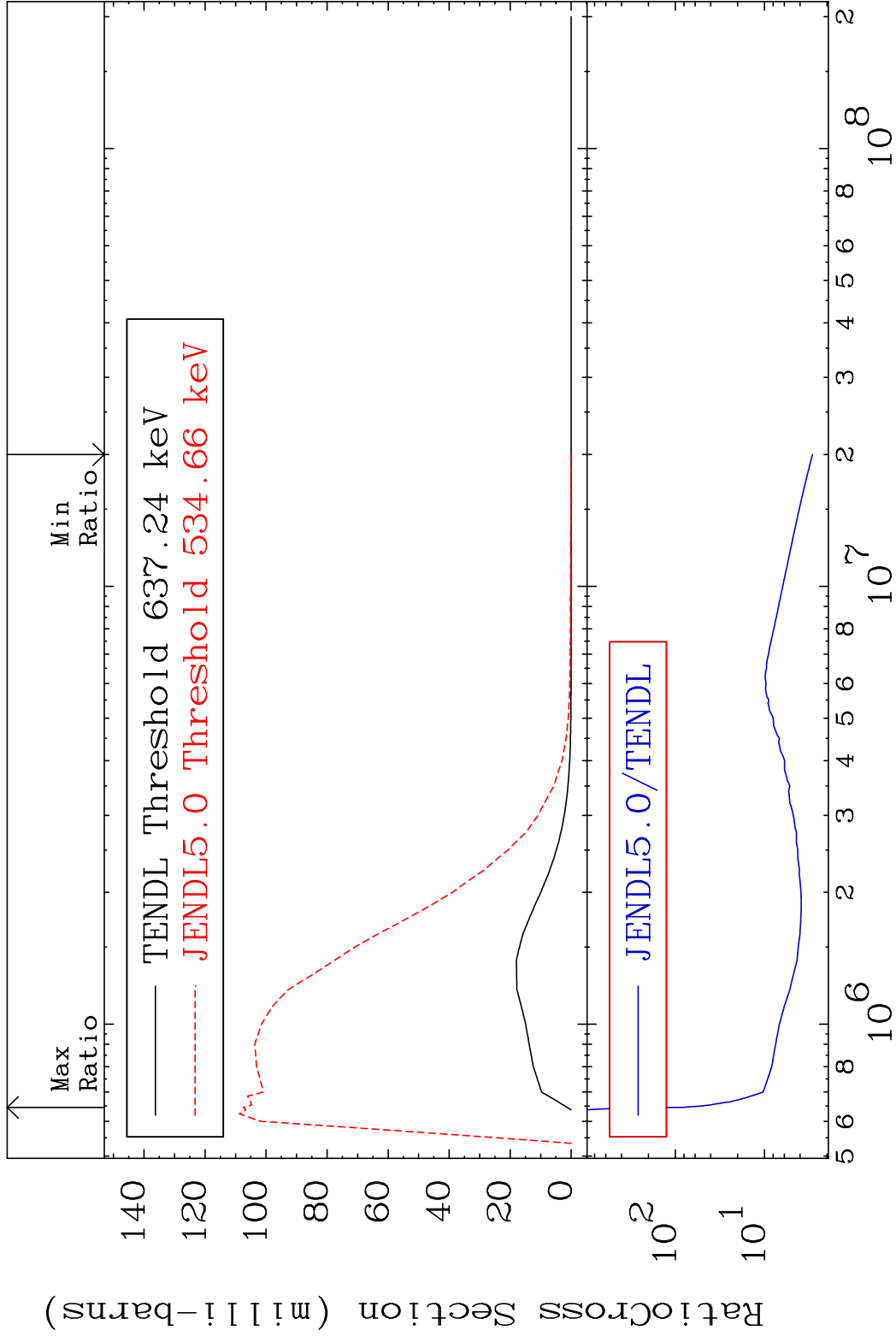






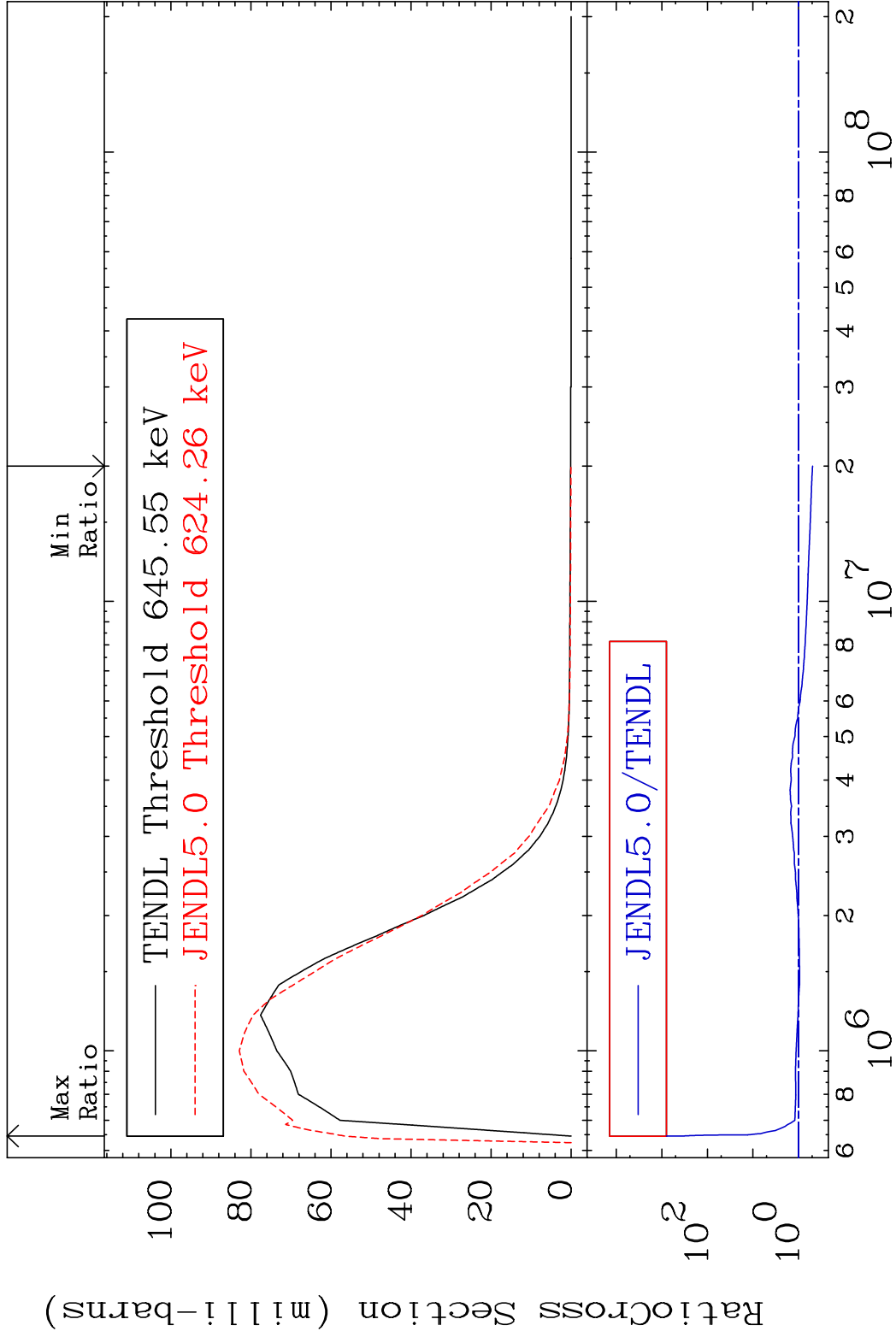


MAT 6149 MT= 58 (n,n') Level 61-Pm-147
Cross Section 189.3 To 8230. %



20 Incident Energy (eV) 61-Pm-147

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



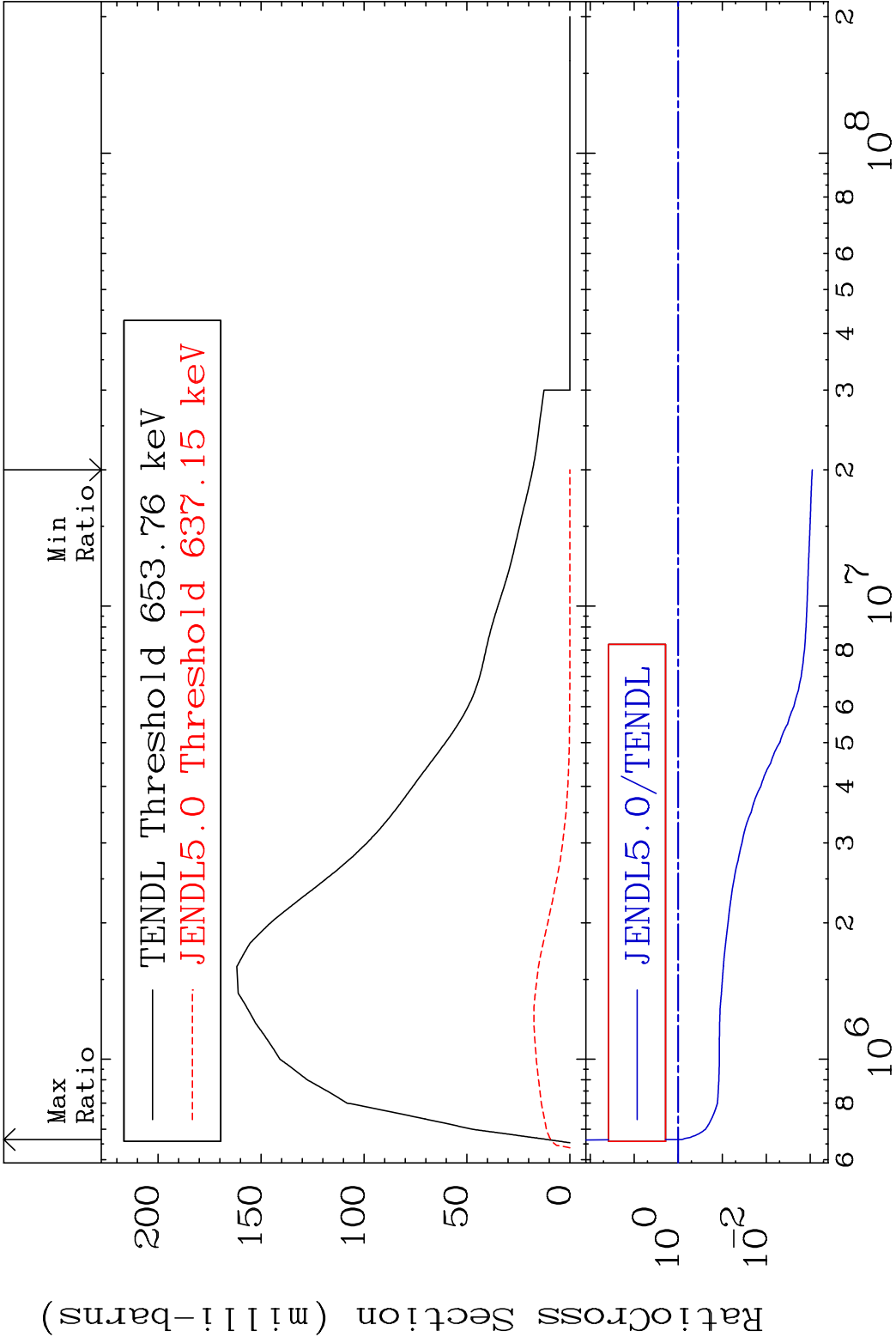
MAT 6149

MT= 60 (n,n') Level

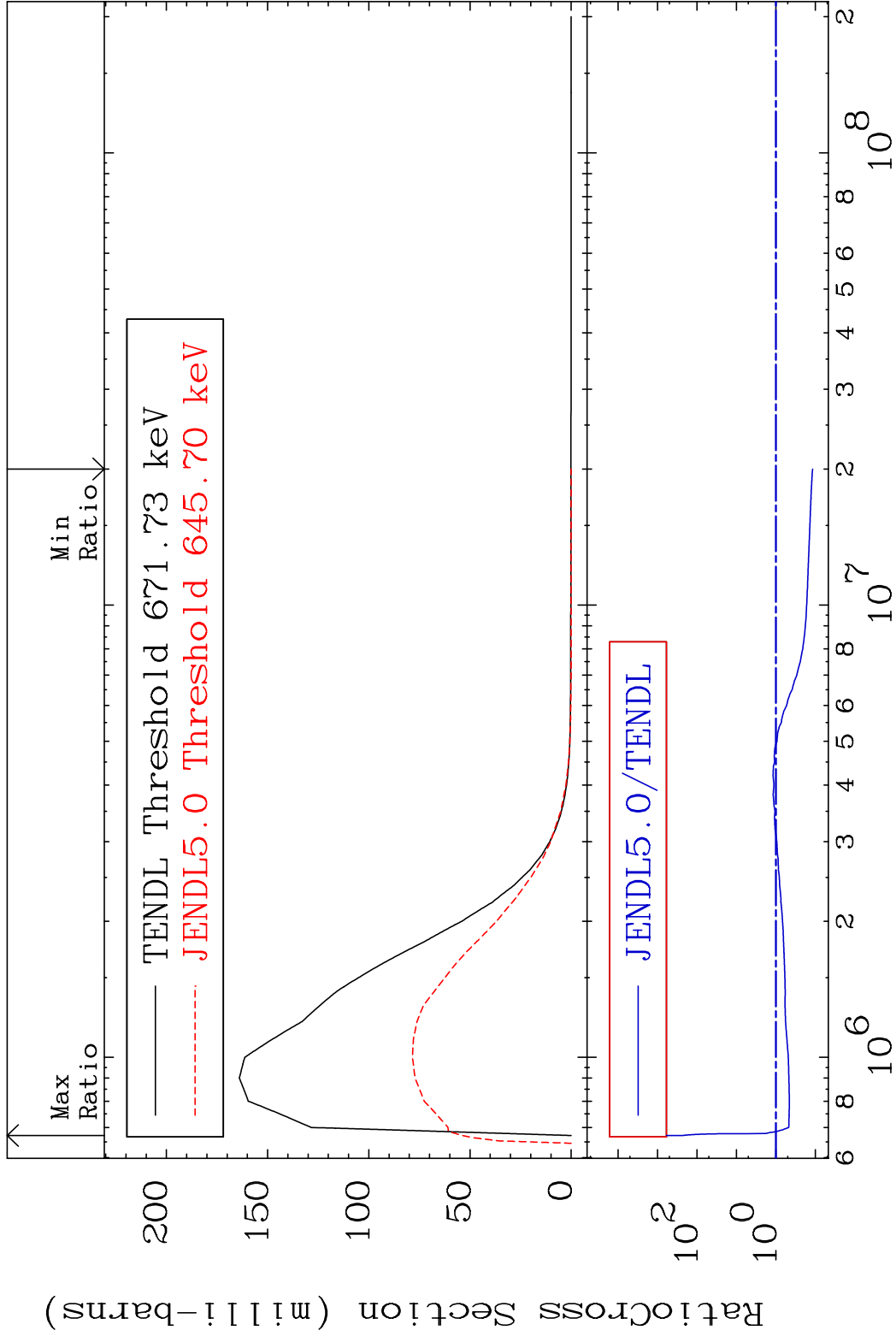
61-Pm-147

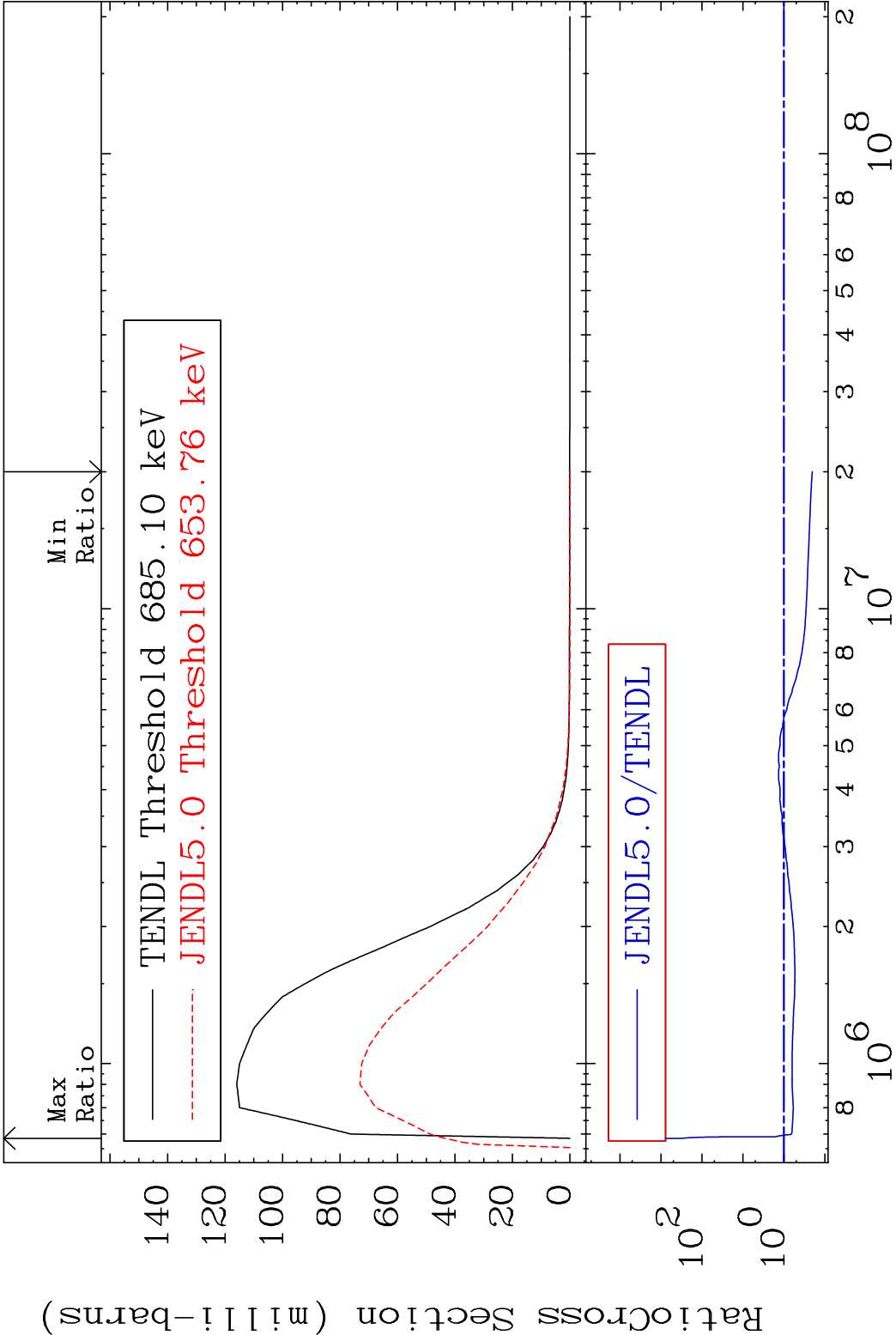
Cross Section

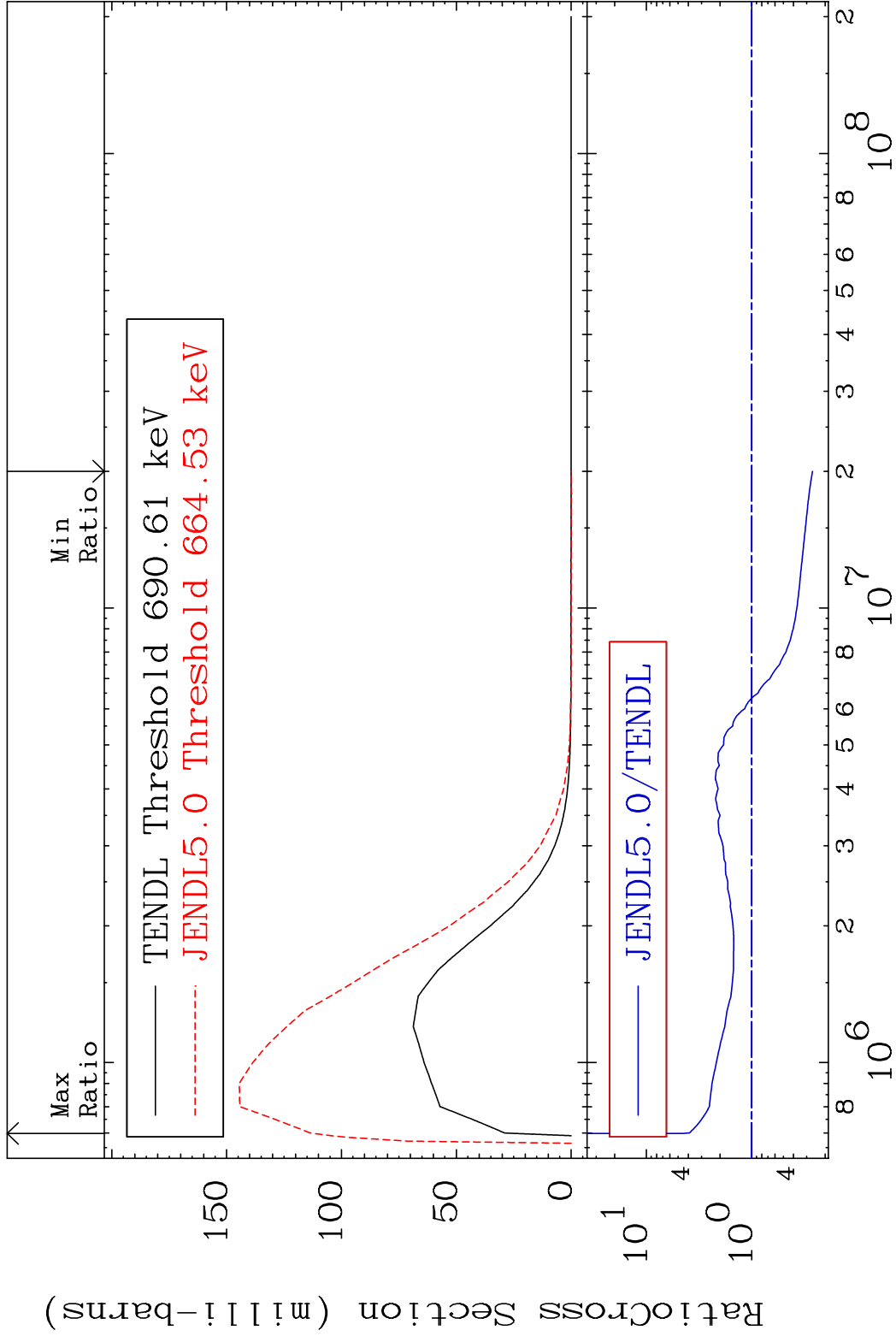
-99.91 To -15.79%



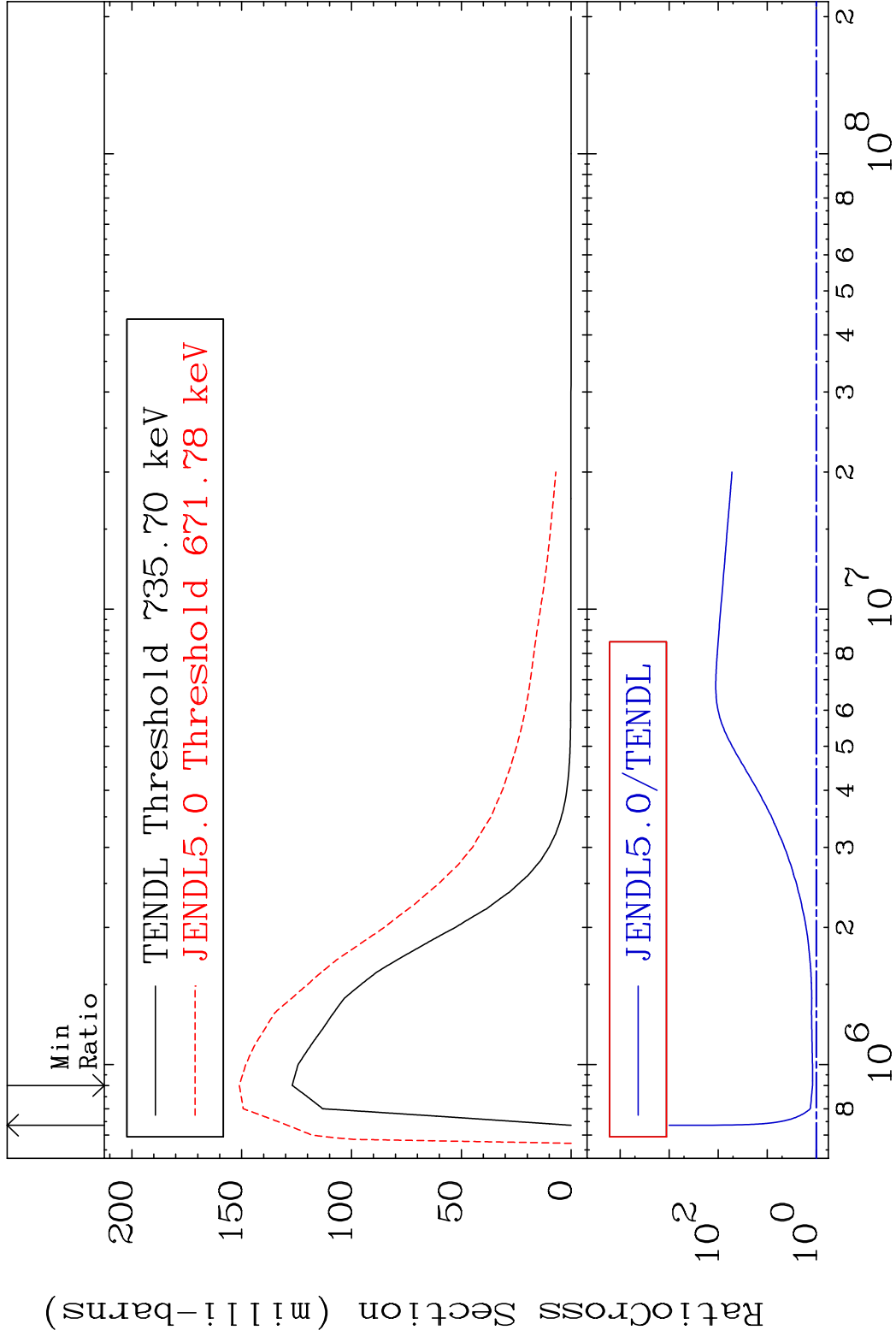
MAT 6149 MT= 61 (n,n') Level 61-Pm-147
Cross Section -88.19 To 9999. %



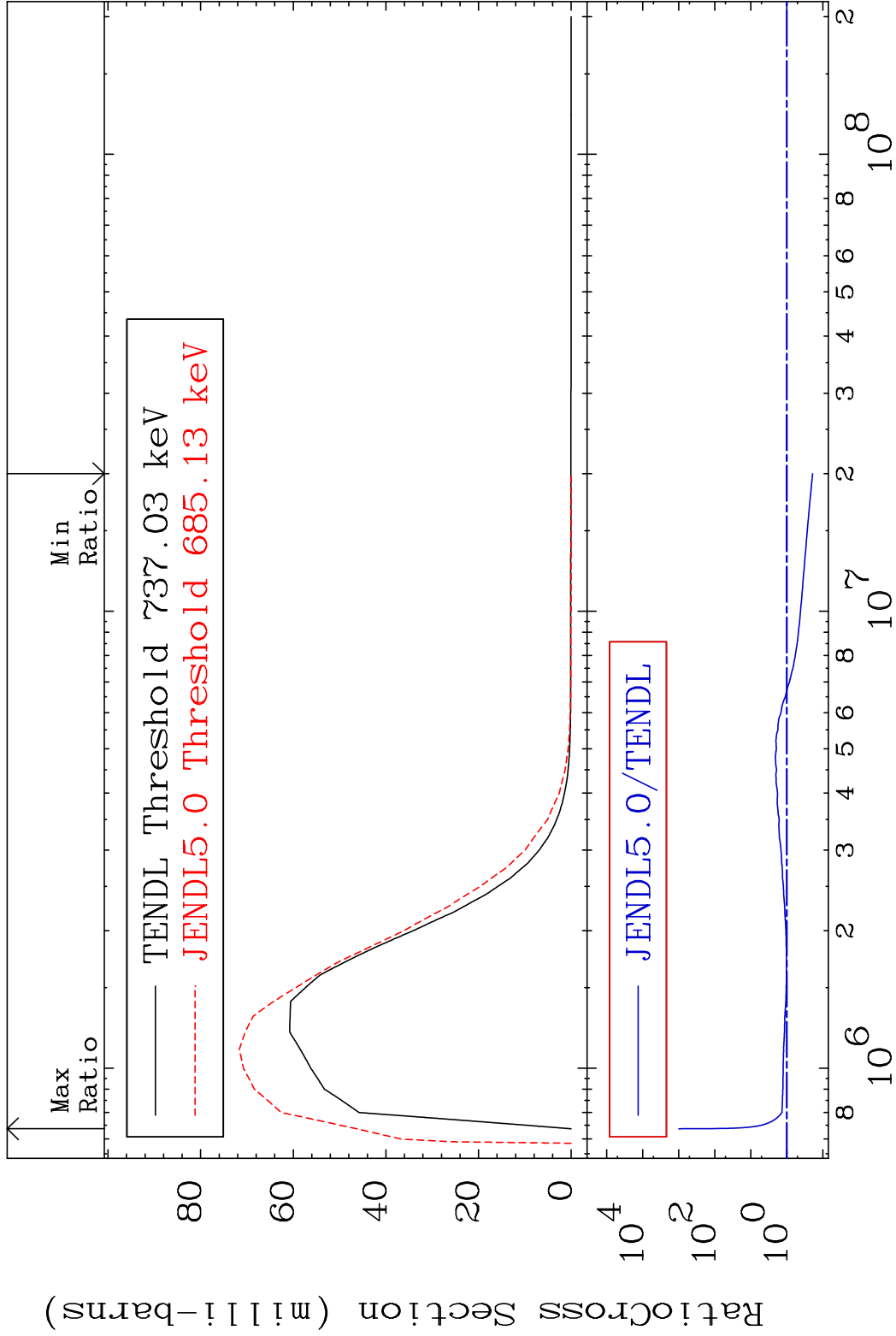


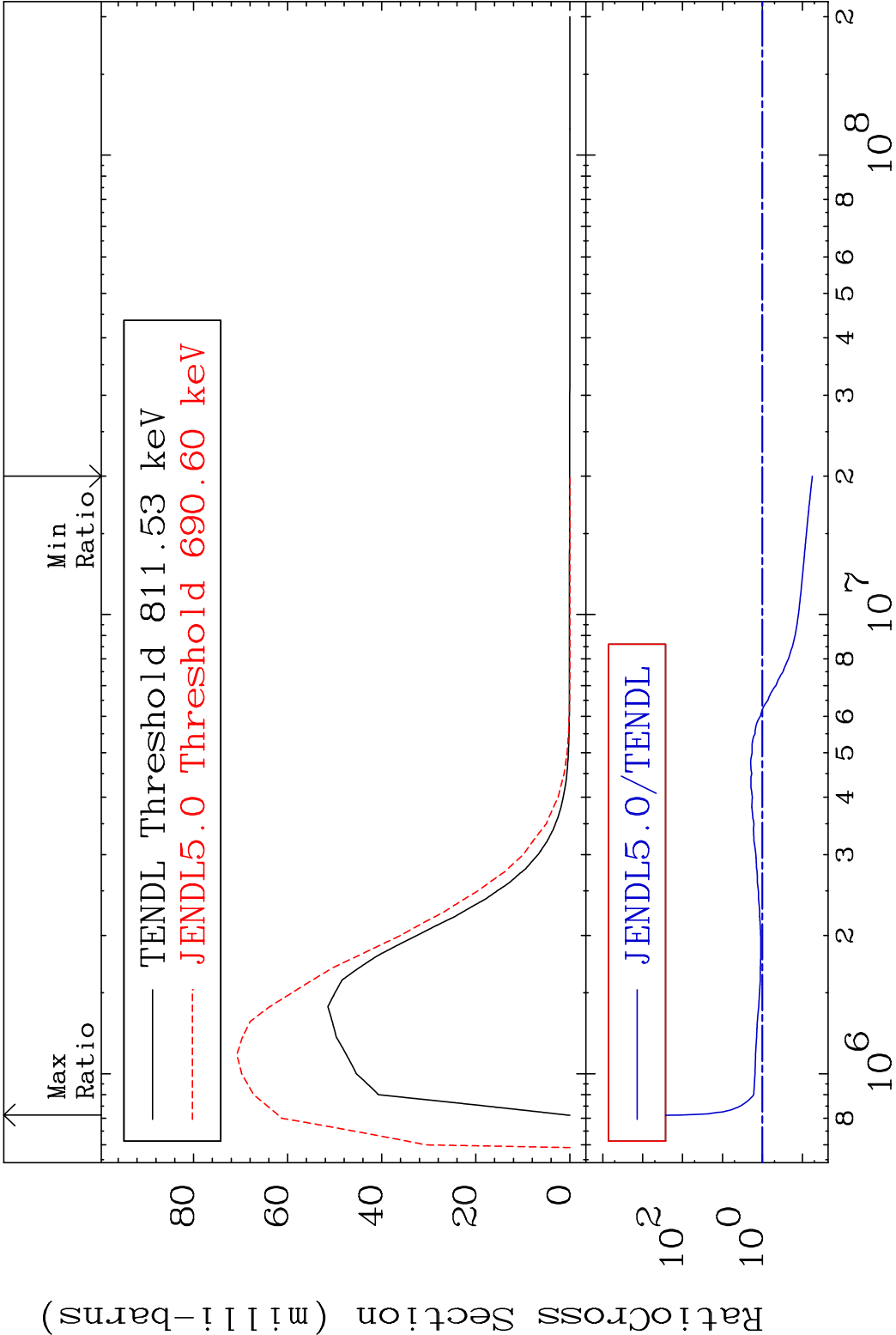


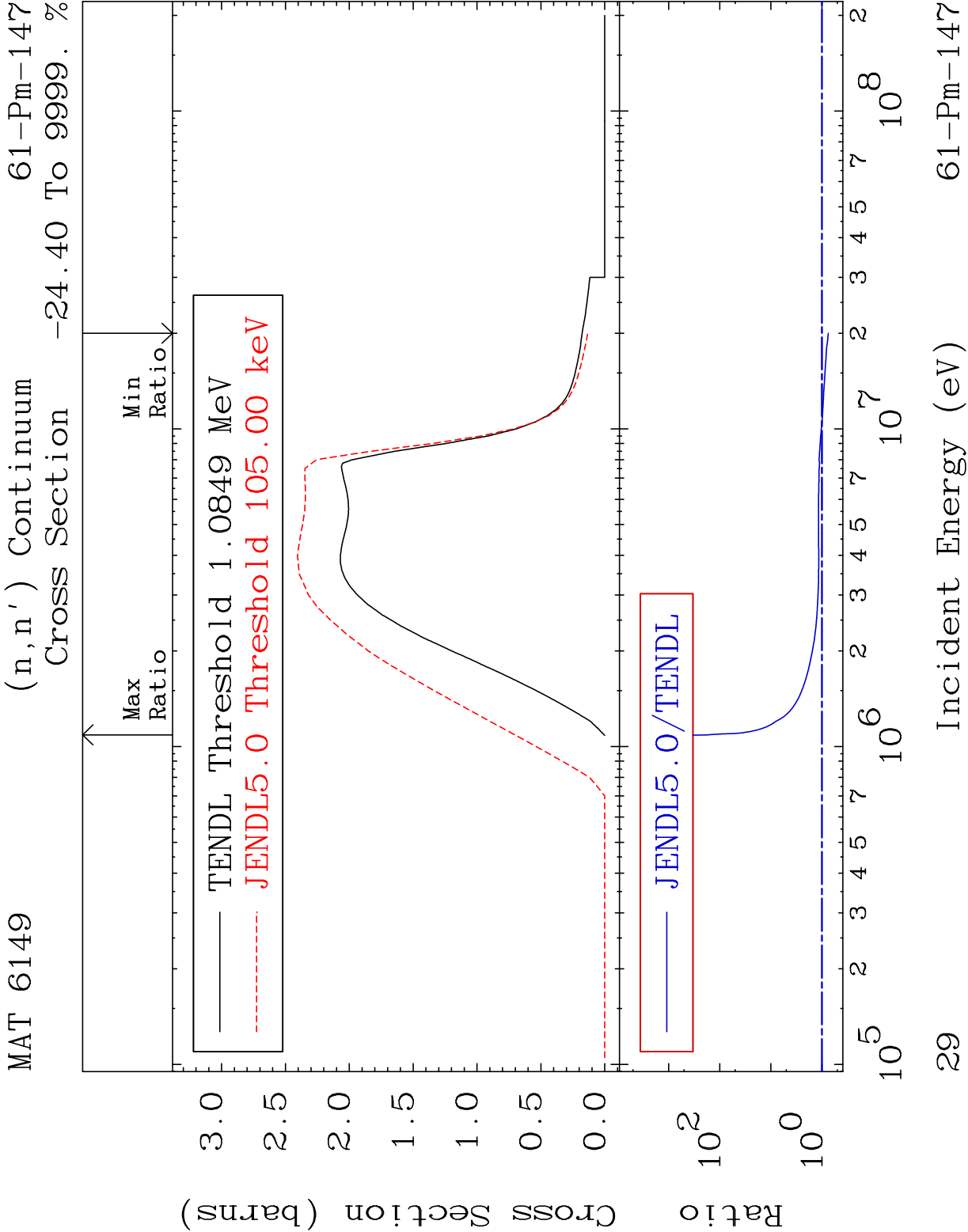
MAT 6149 MT= 64 (n,n') Level 61-Pm-147
Cross Section 18.93 To 9999. %

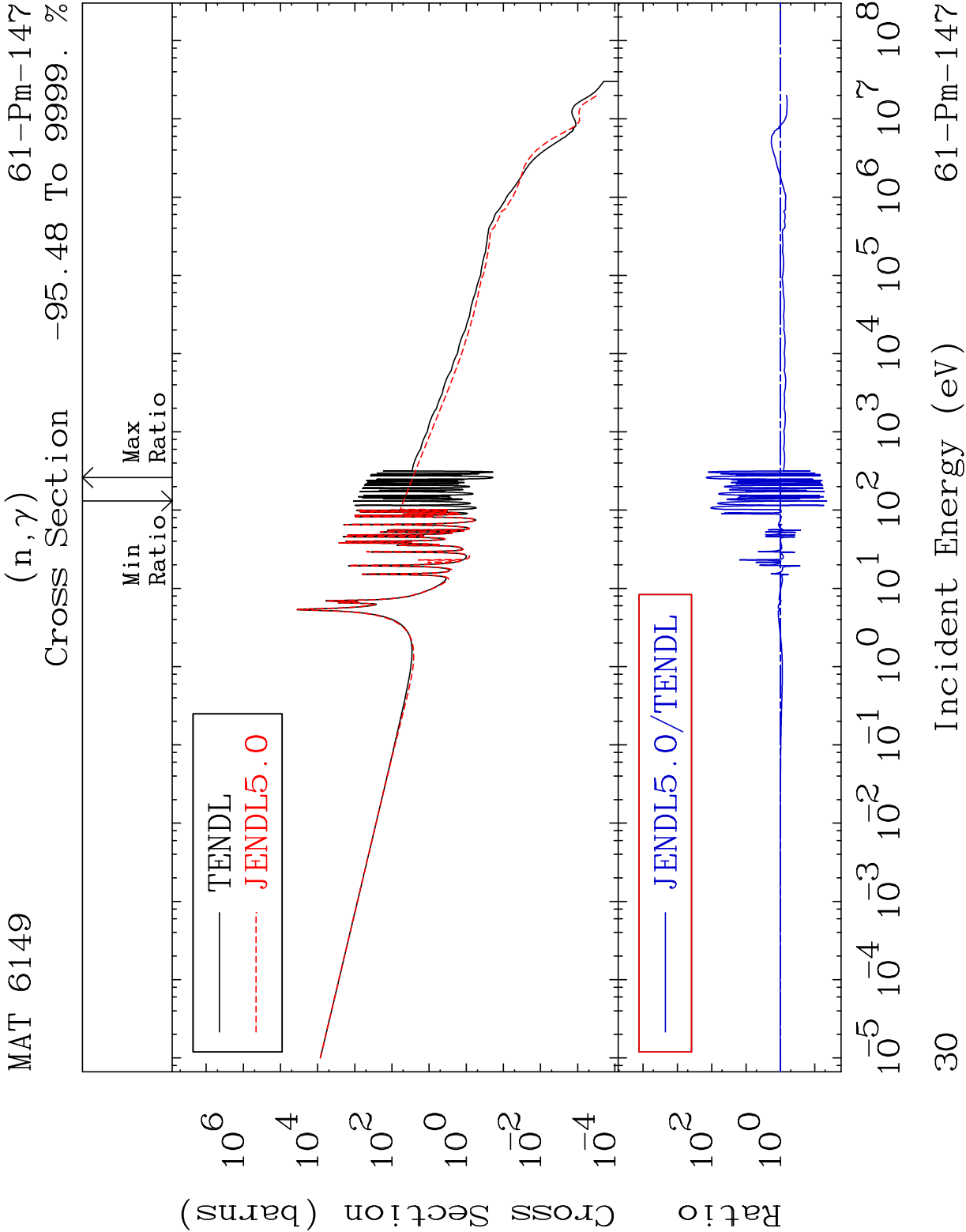


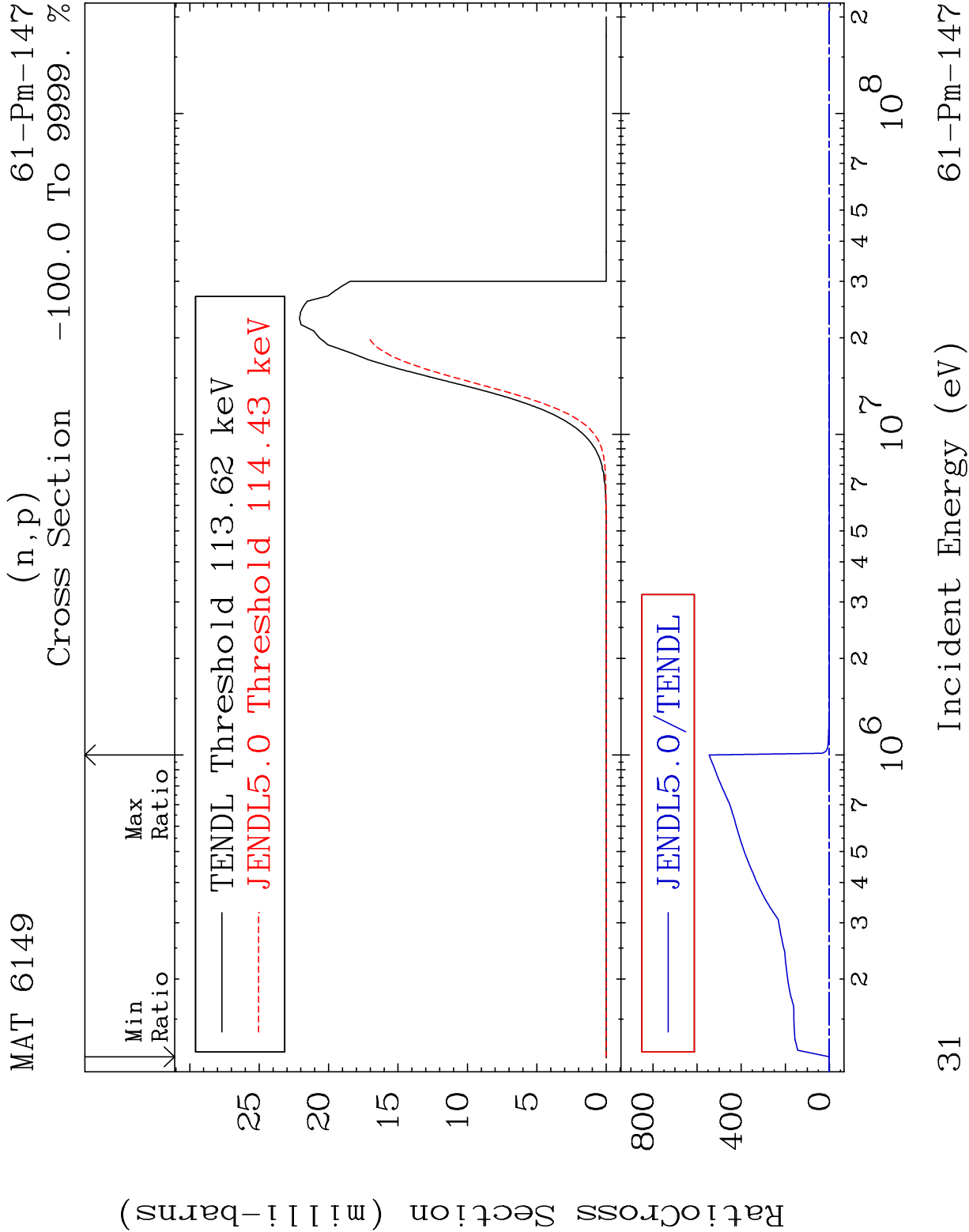
MAT 6149 MT= 65 (n,n') Level 61-Pm-147
Cross Section -80.75 To 9999. %

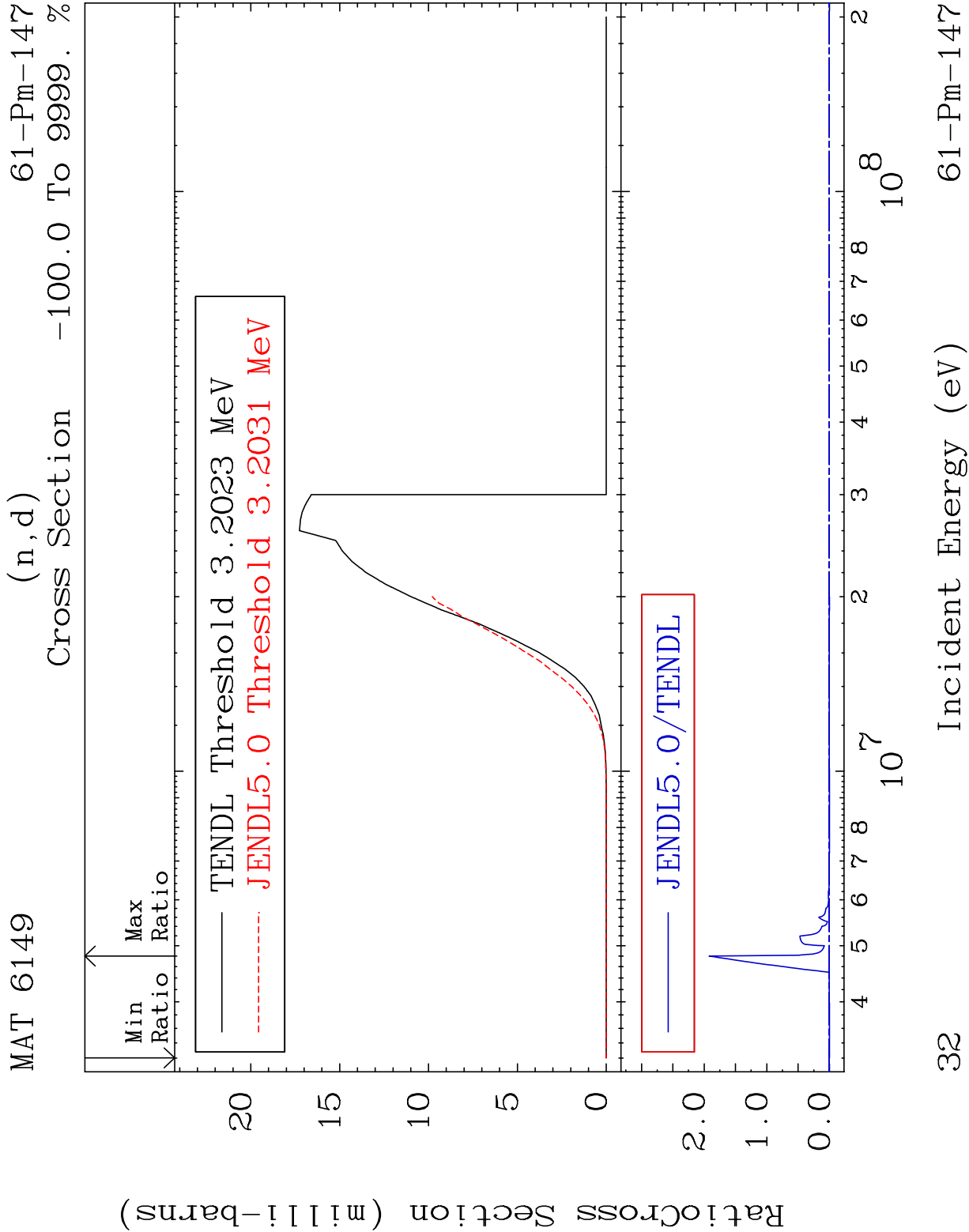


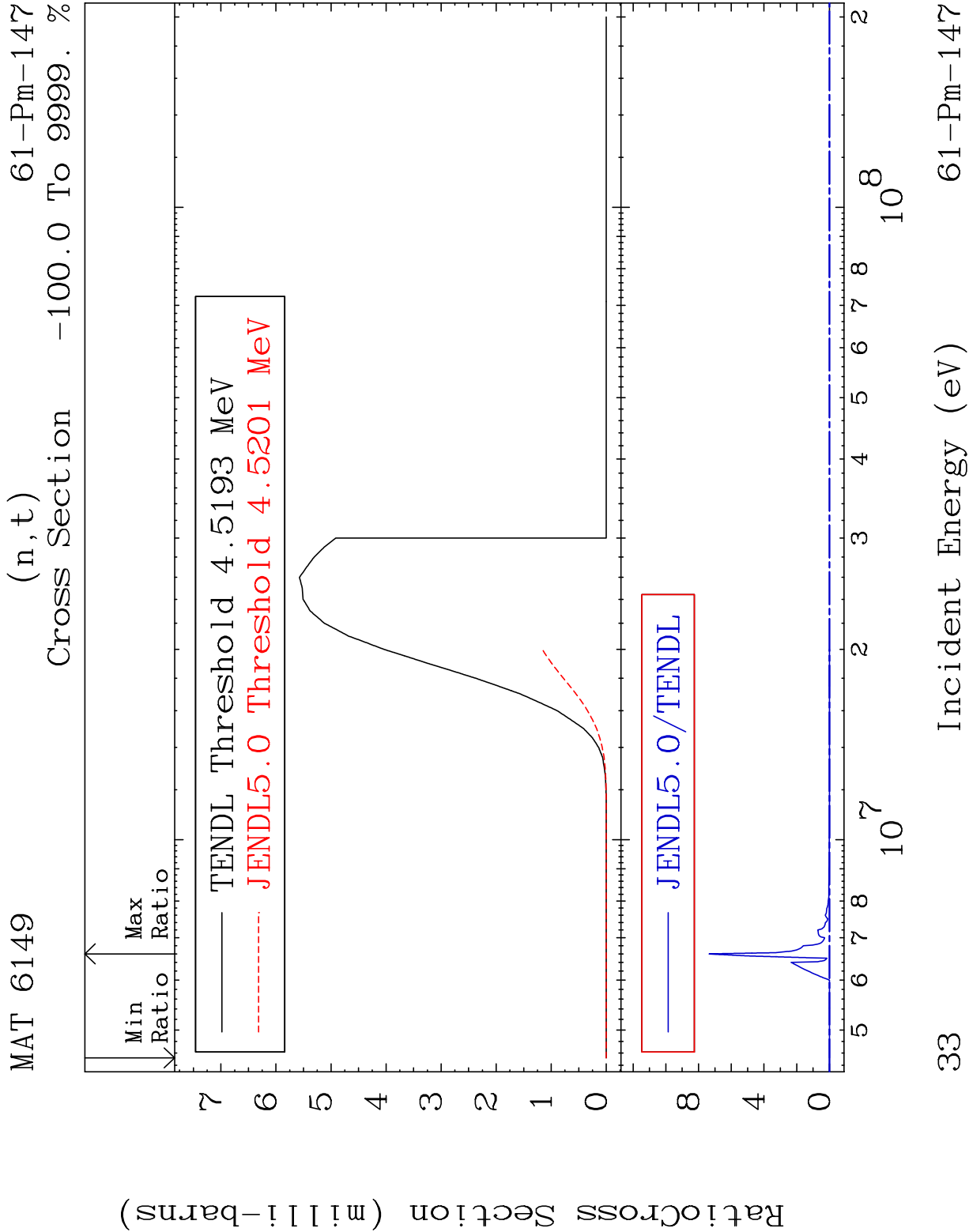


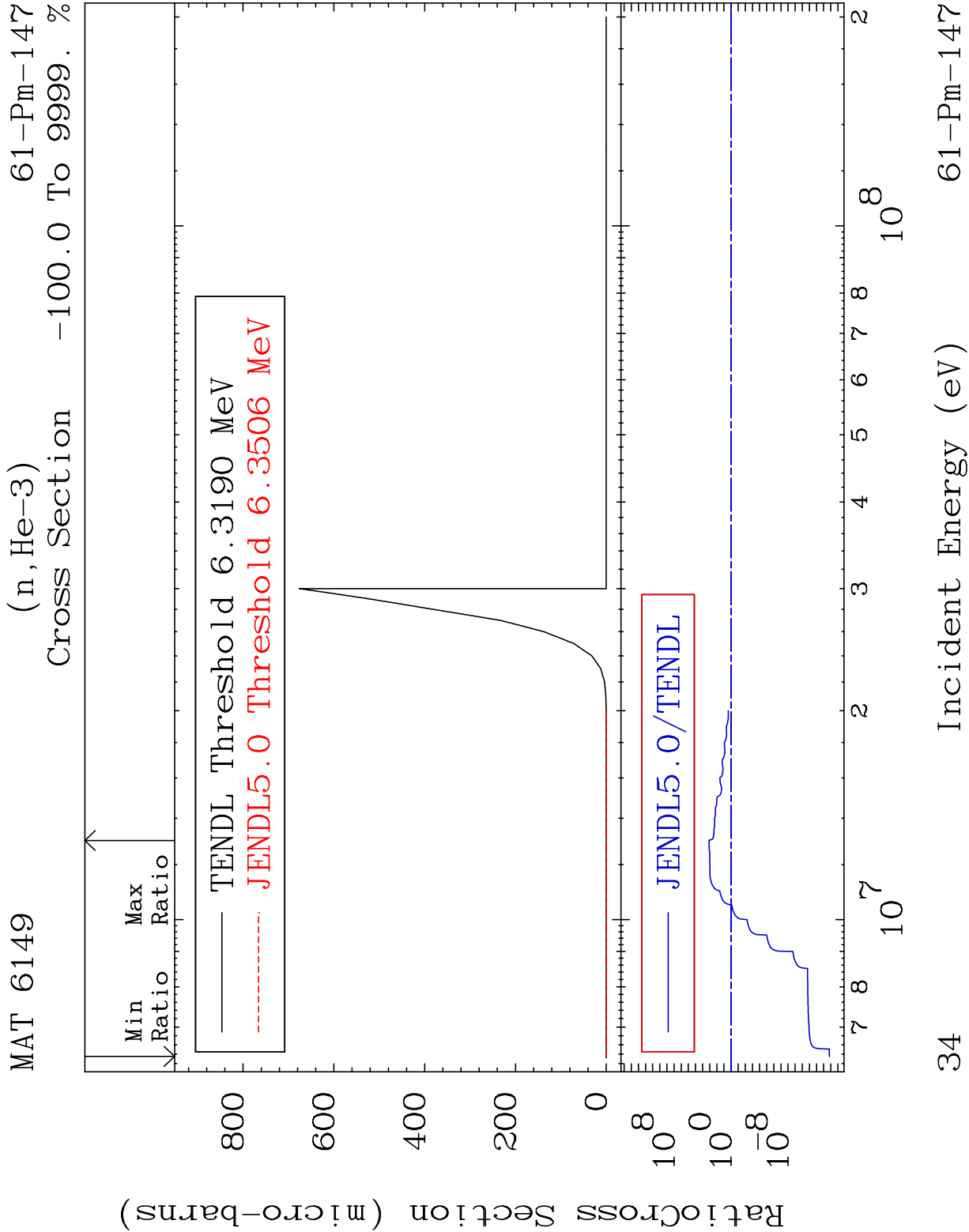


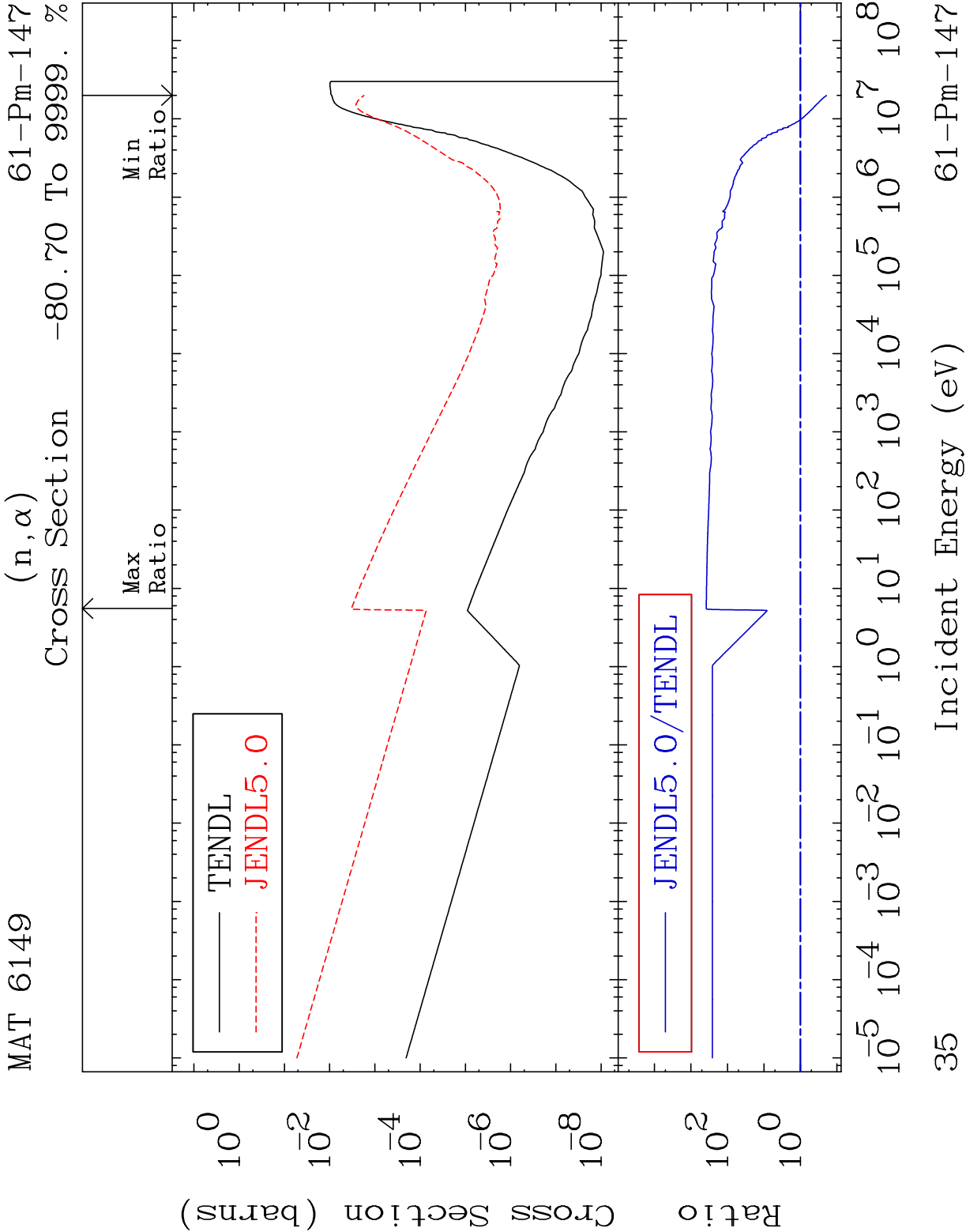


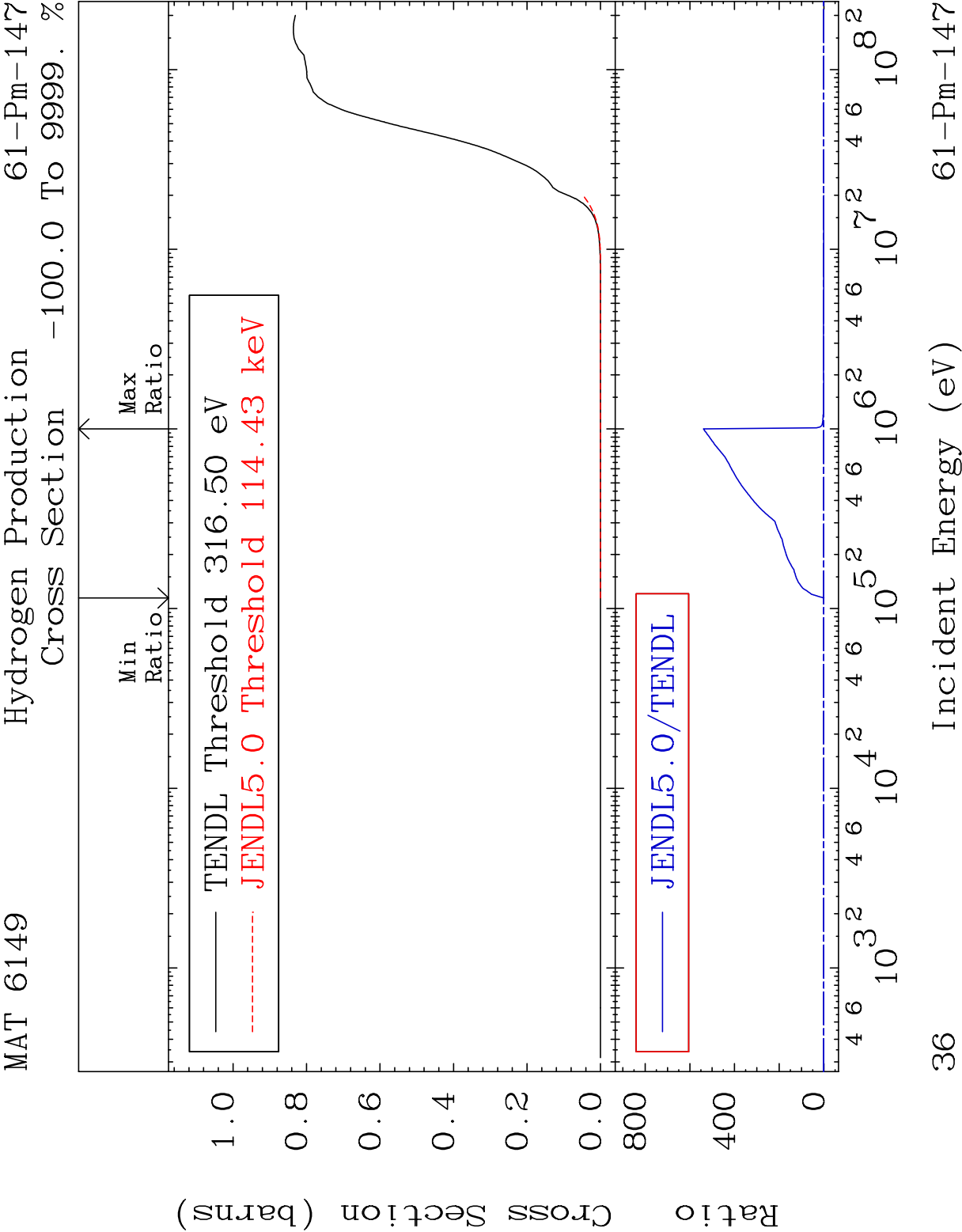


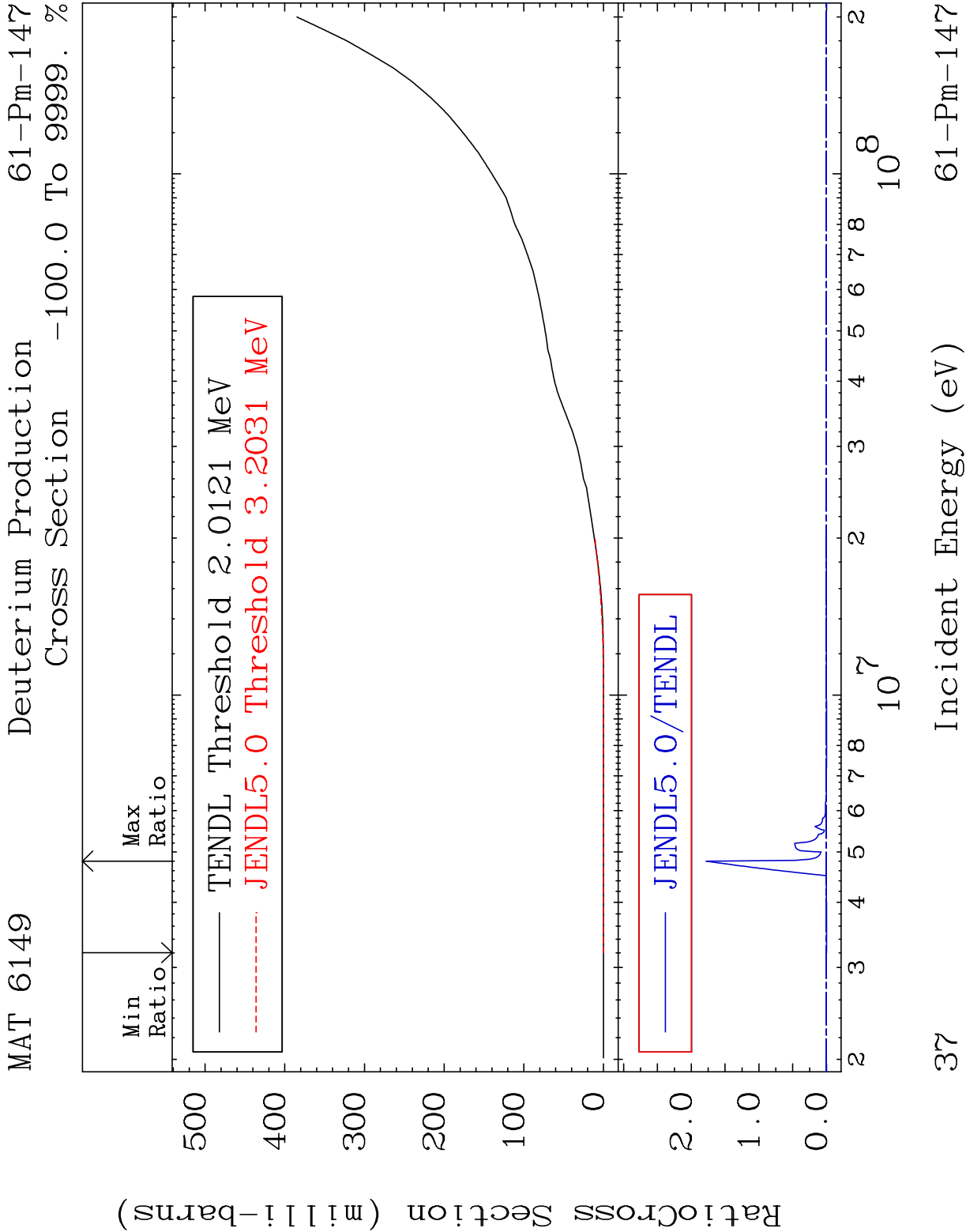


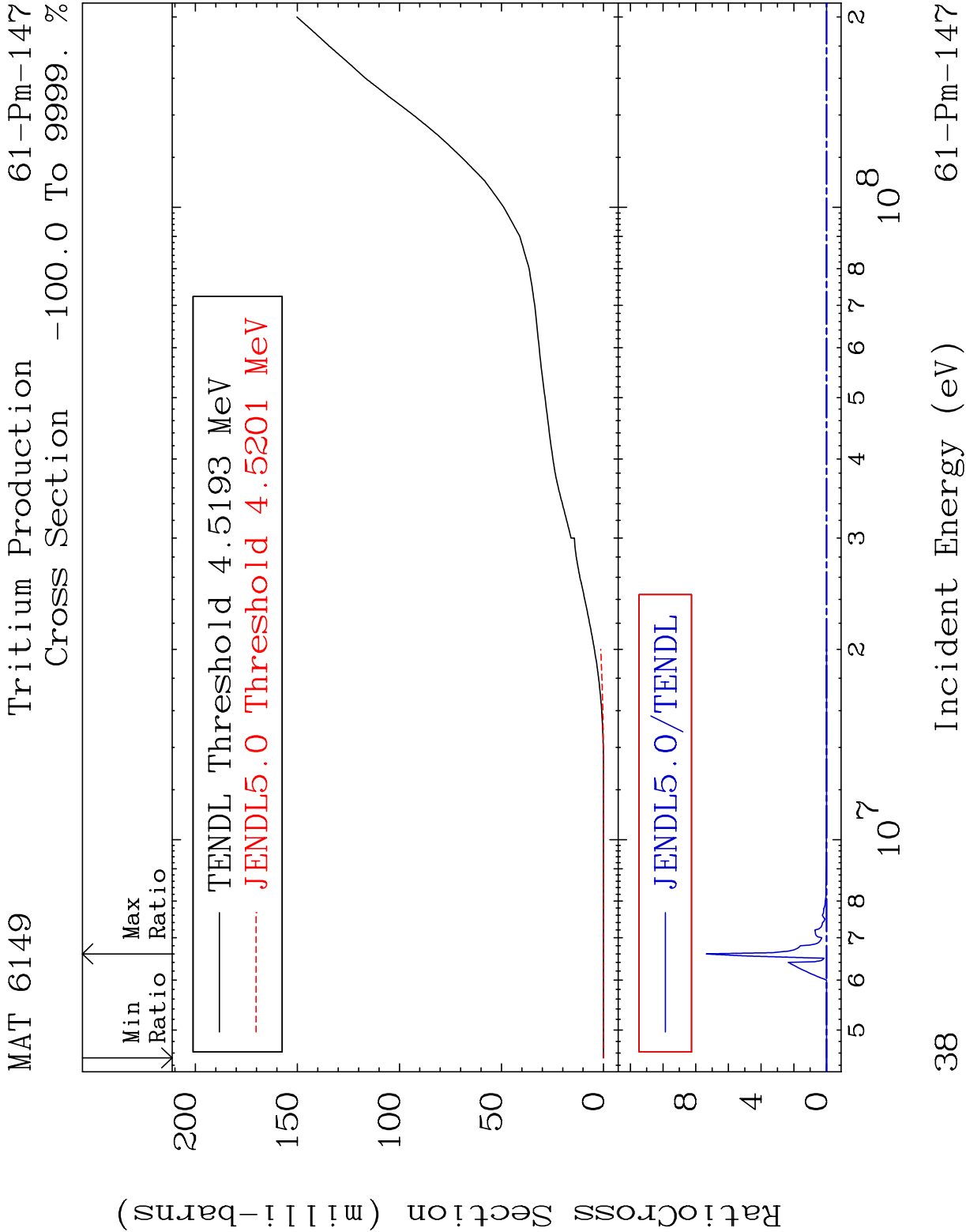


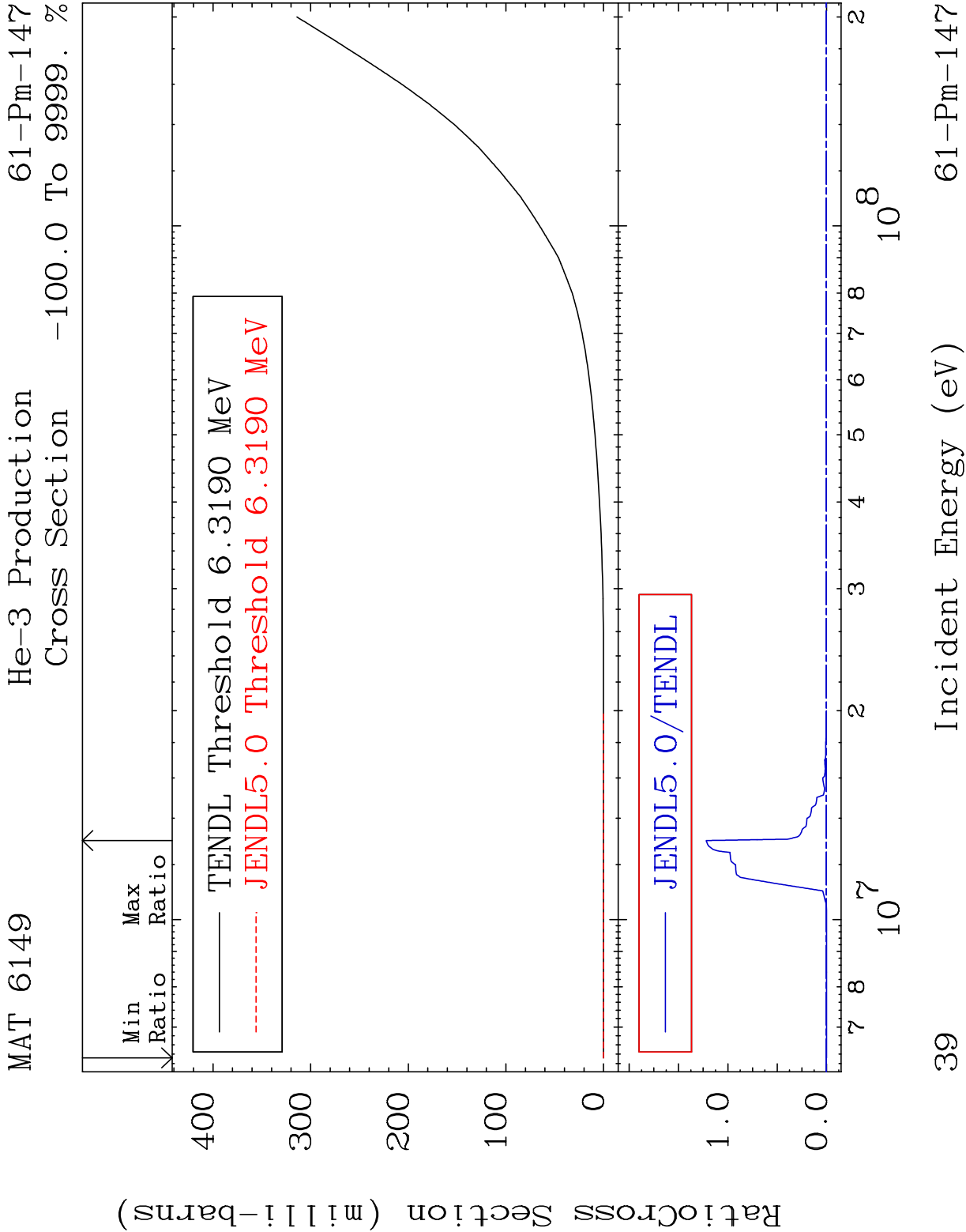


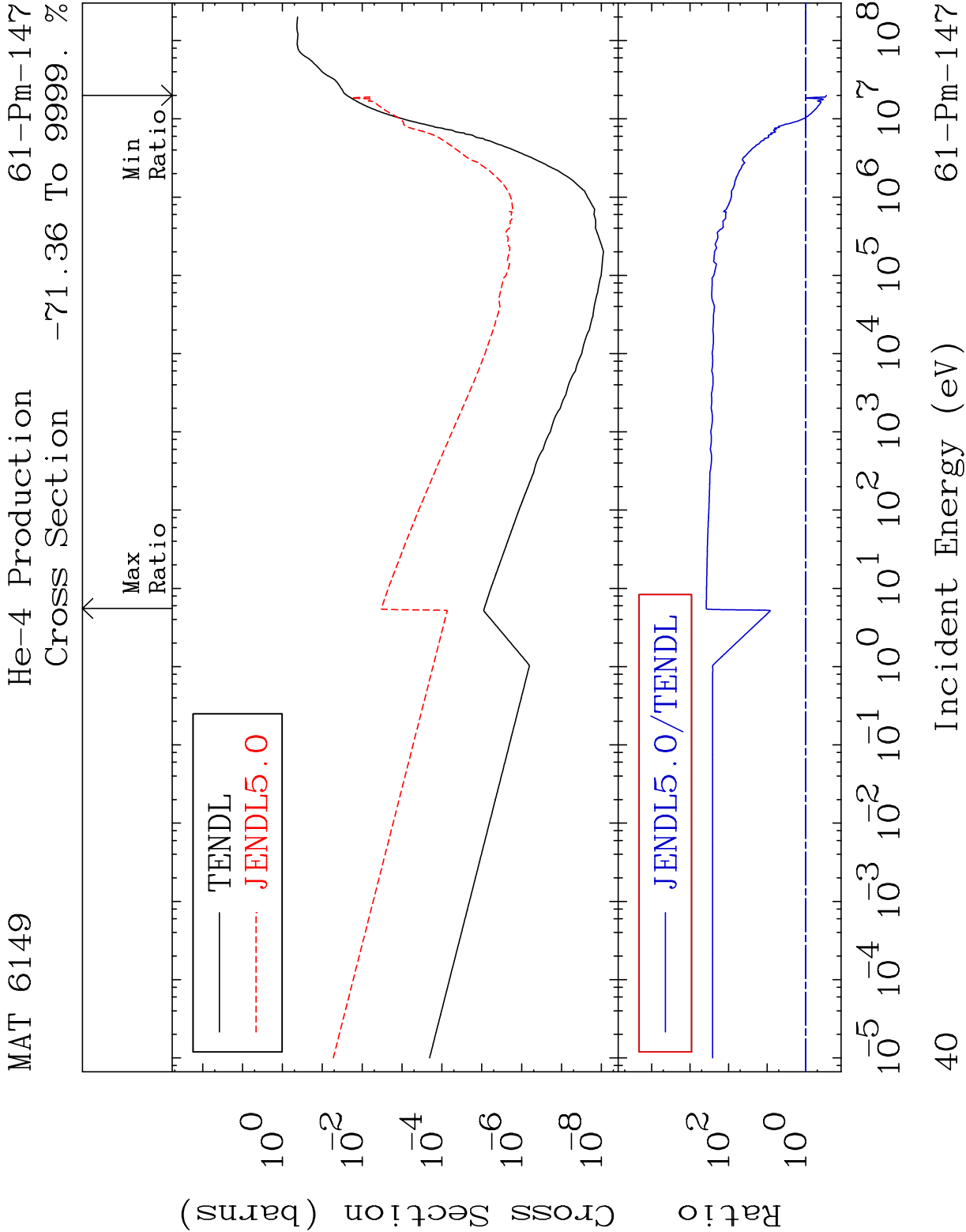


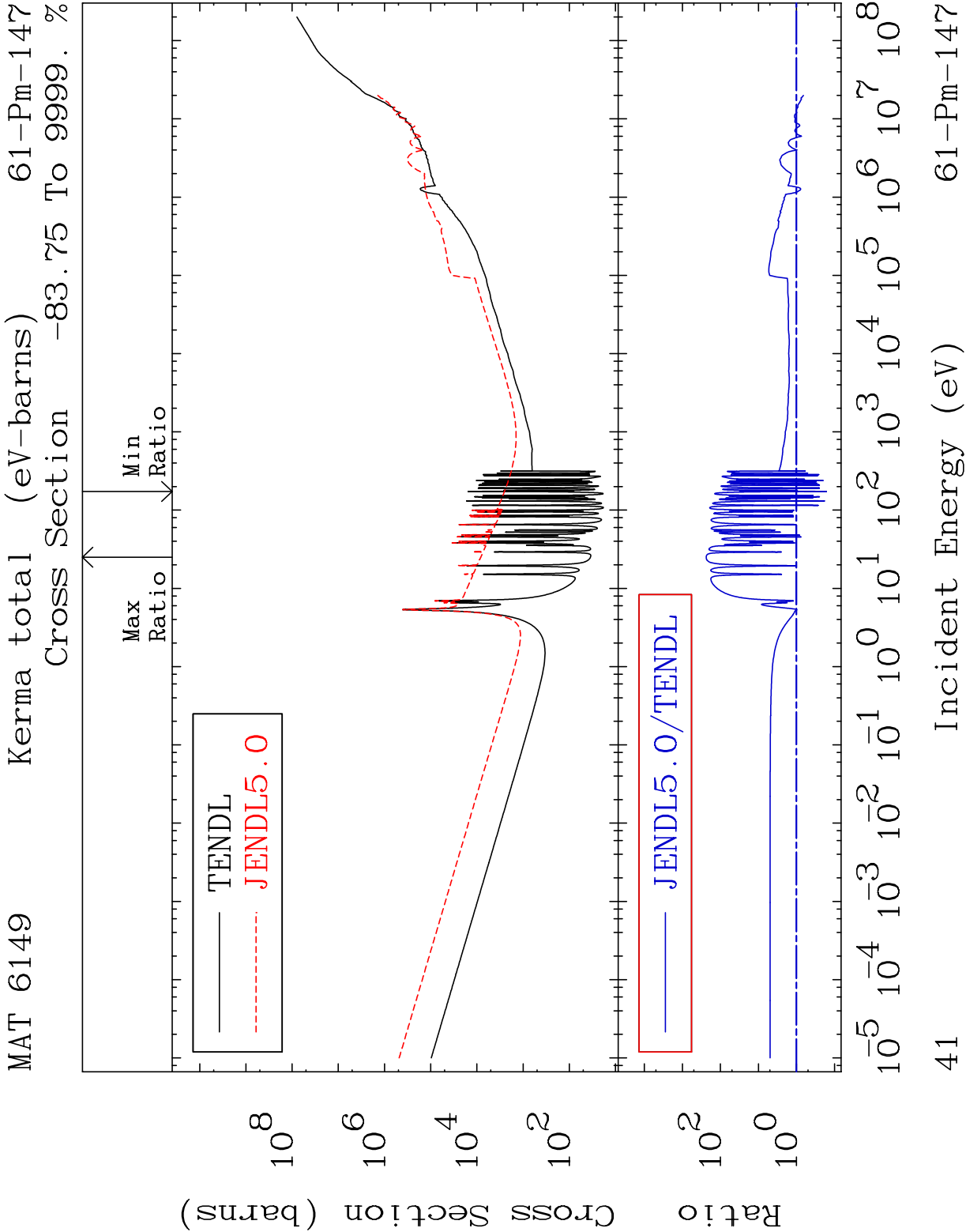


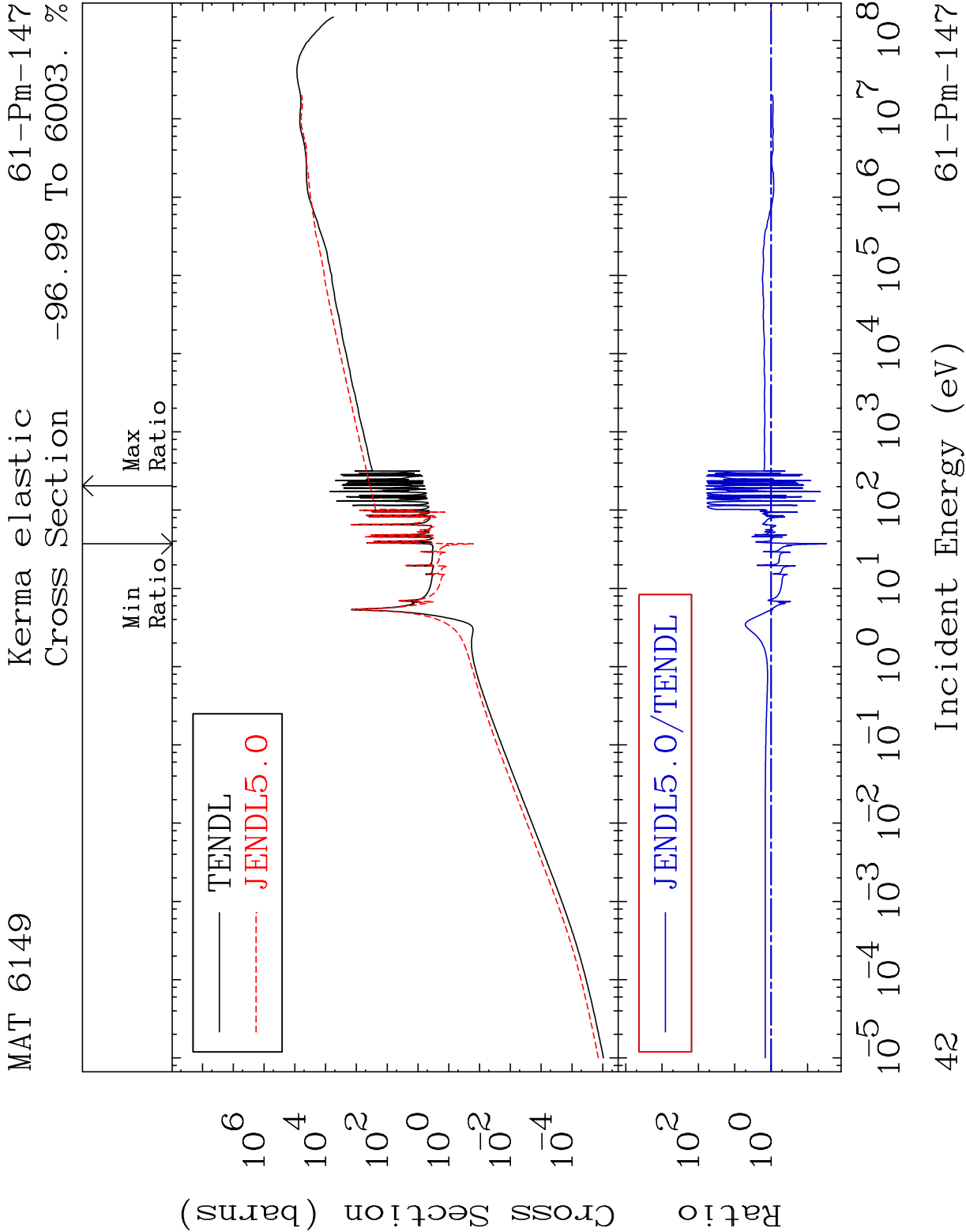




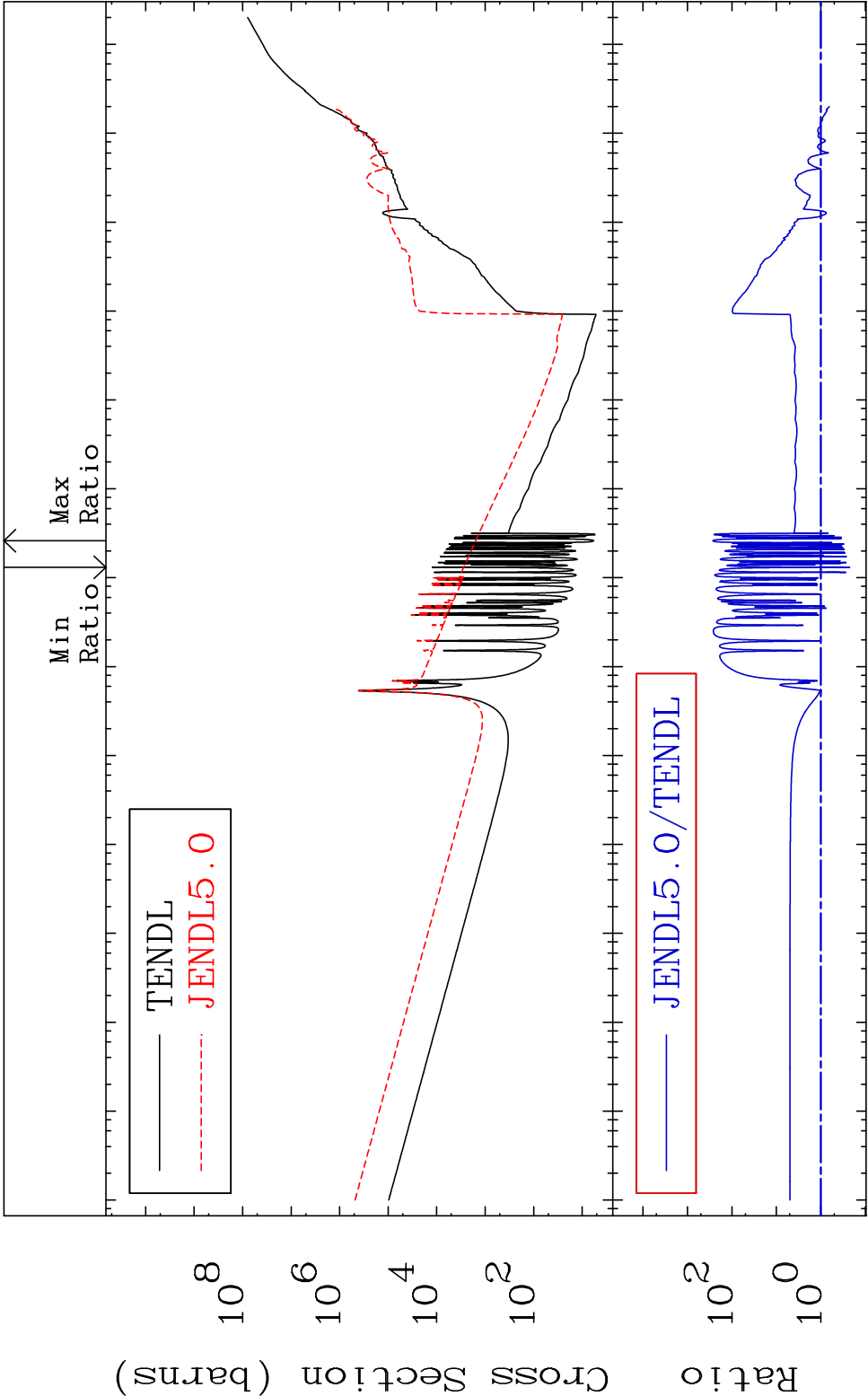




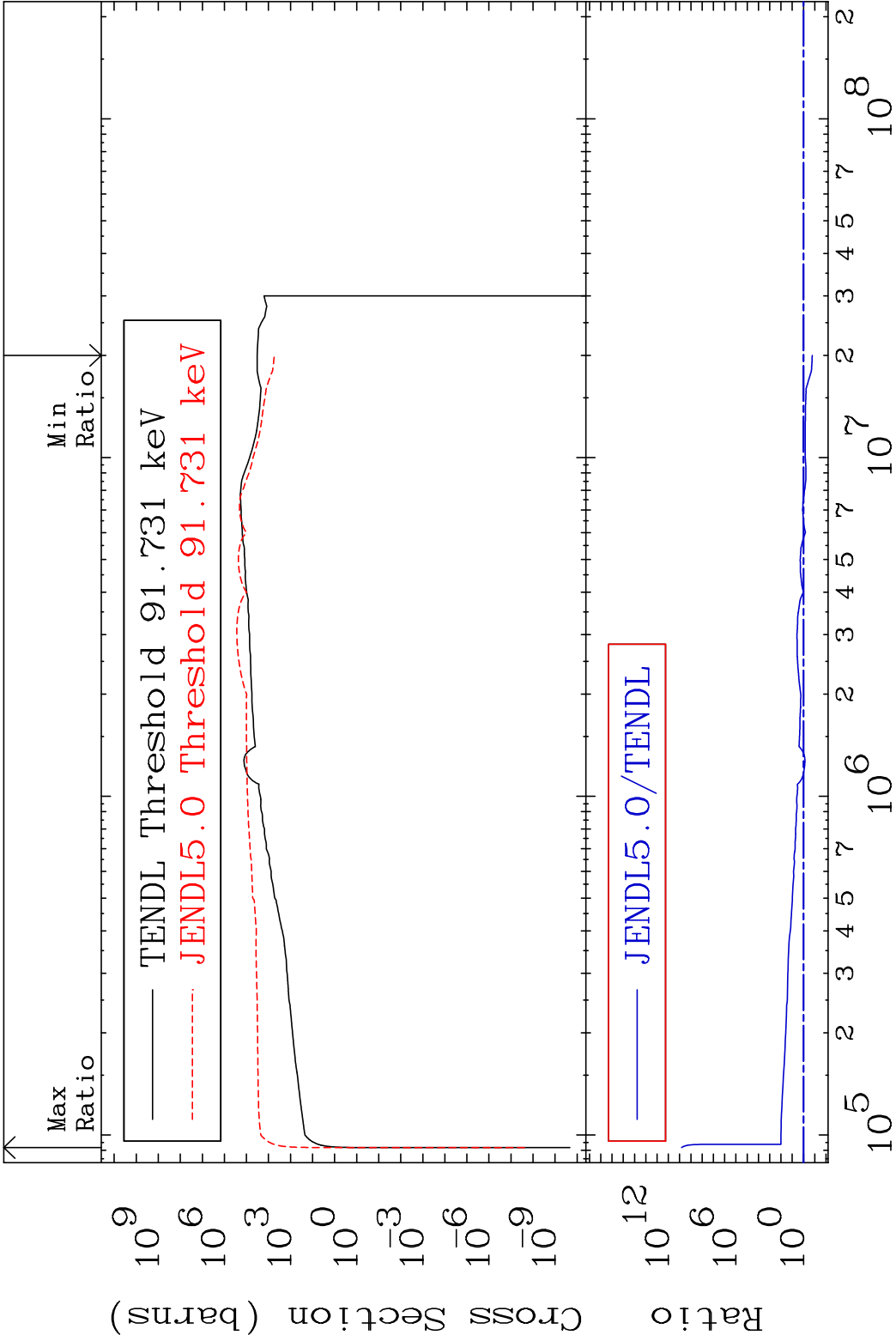




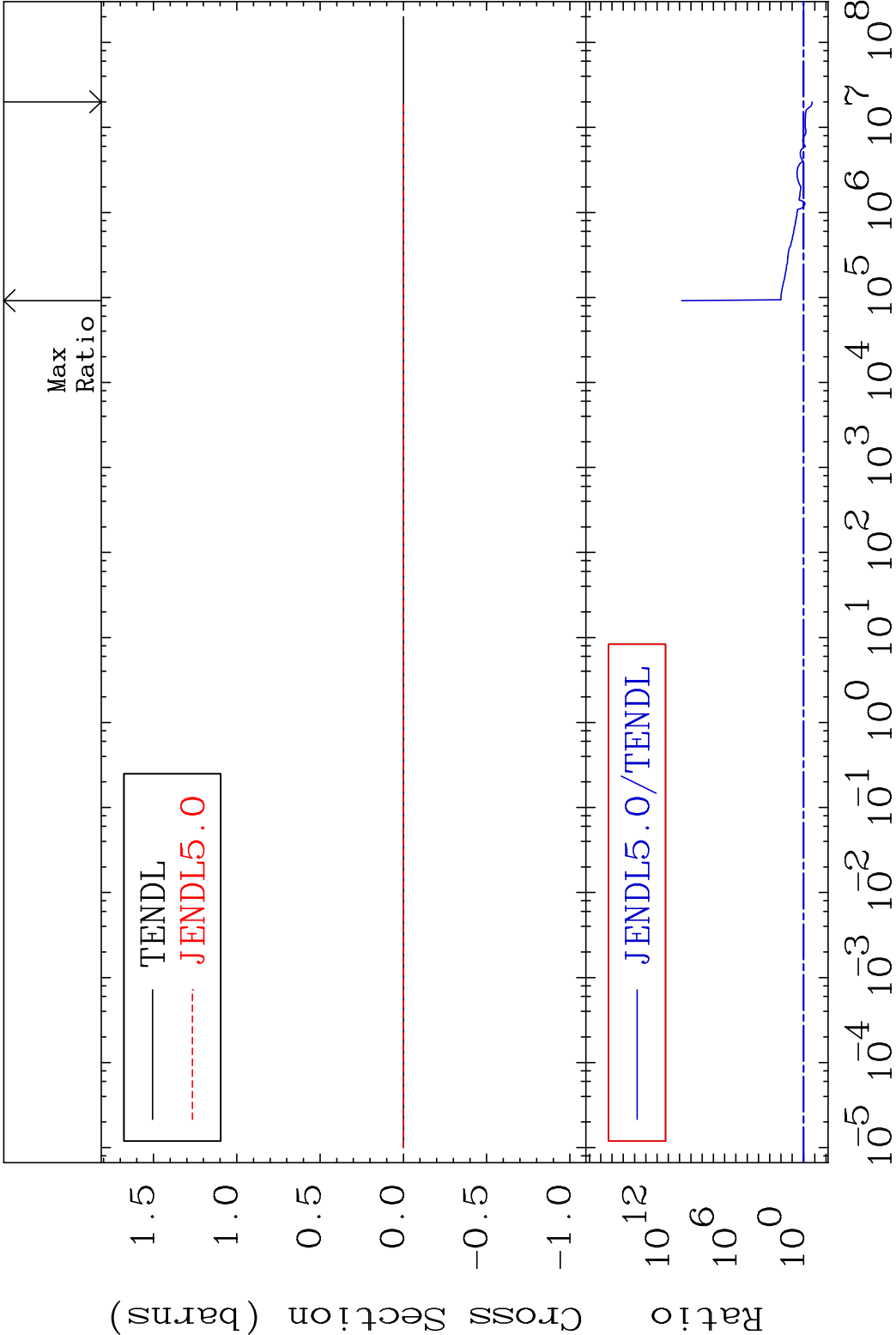
MAT 6149 Kerma non-elastic (all but mt2) 61-Pm-147
Cross Section -77.32 To 9999. %

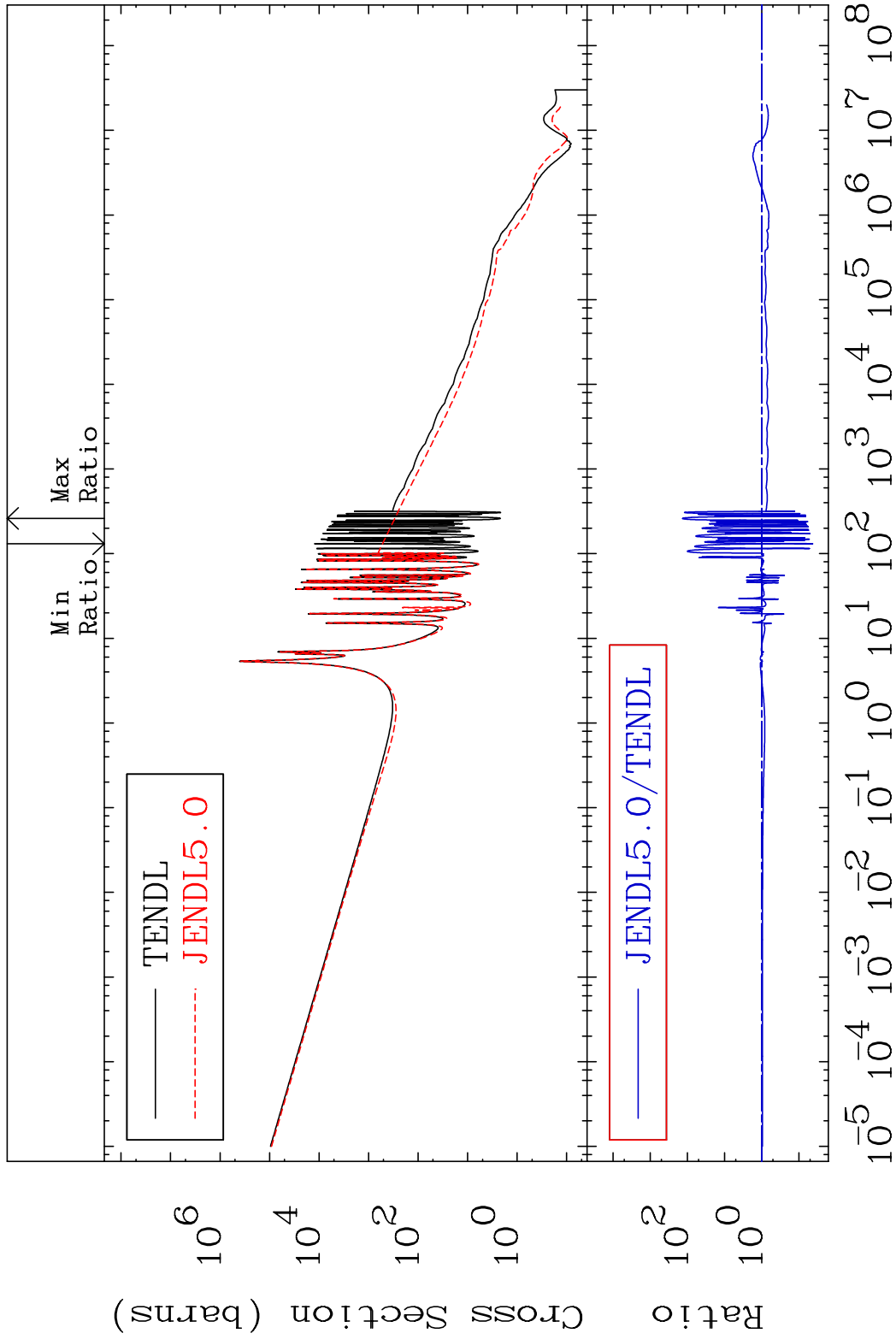


43 Incident Energy (eV) 61-Pm-147

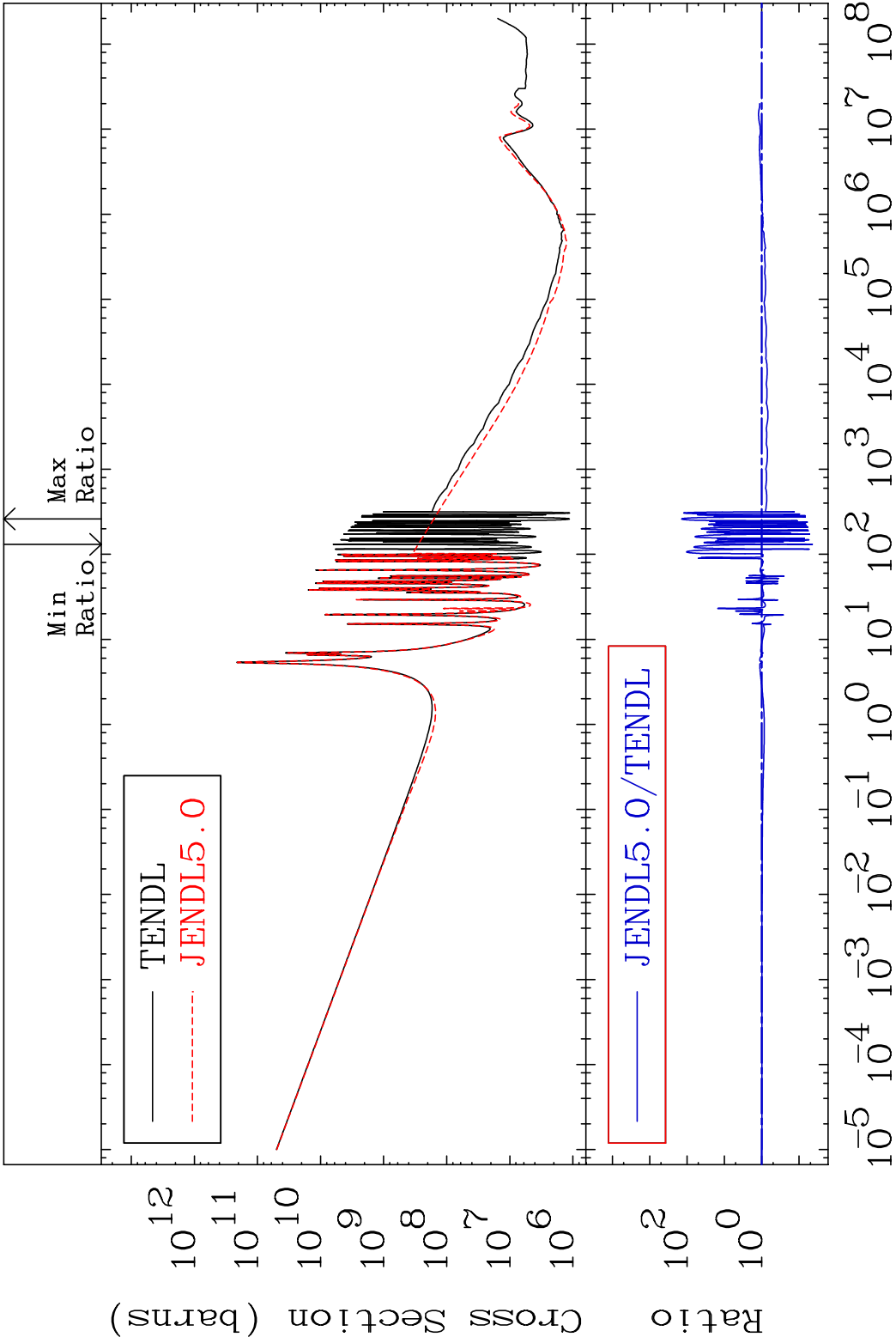


MAT 6149Kerma fission (mt18 or mt19-20-21-38)61-Pm-147
Cross Section -83.23 To 9999. %



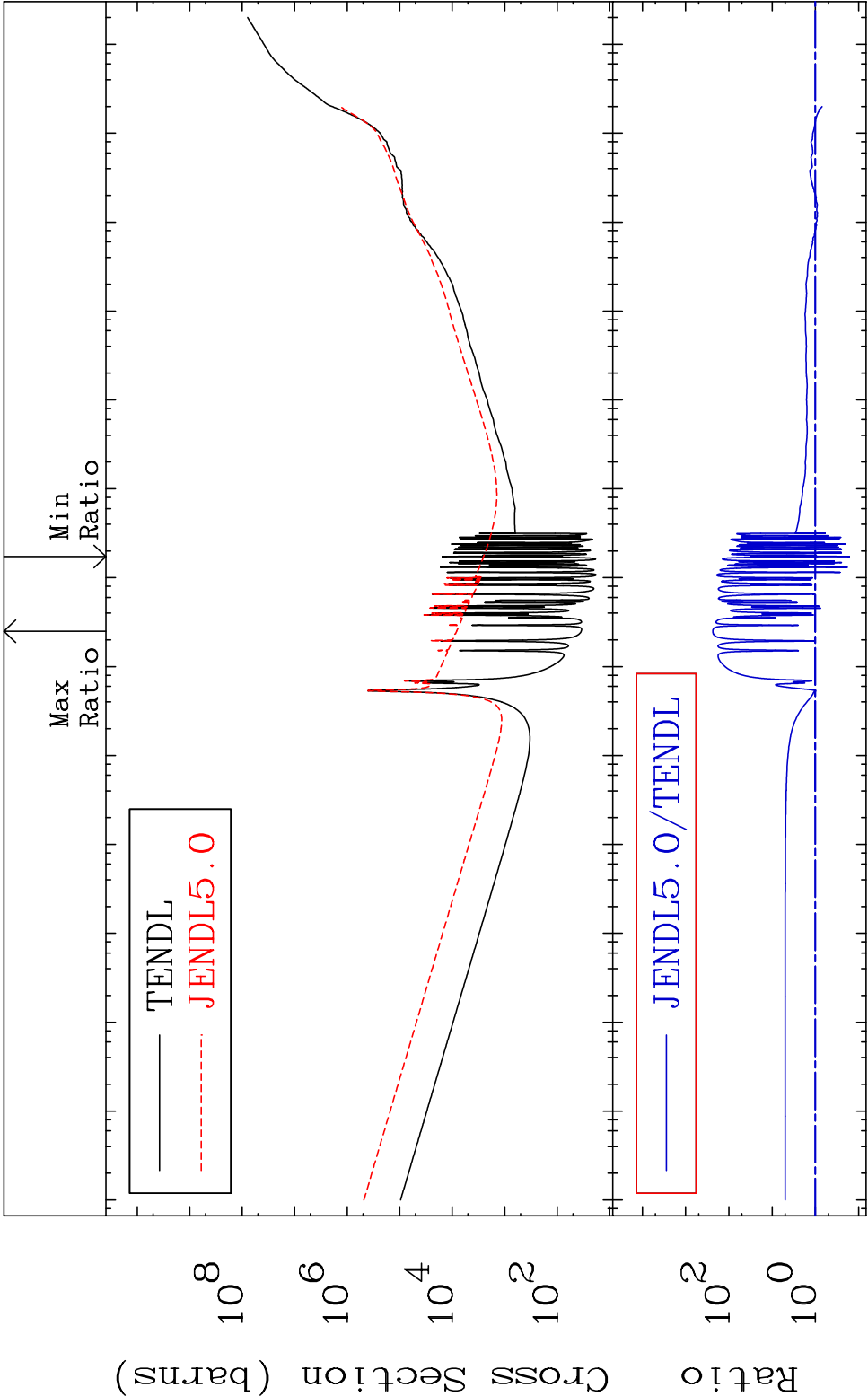


MAT 6149 Total photon (eV-barns) 61-Pm-147
Cross Section -95.55 To 9999. %



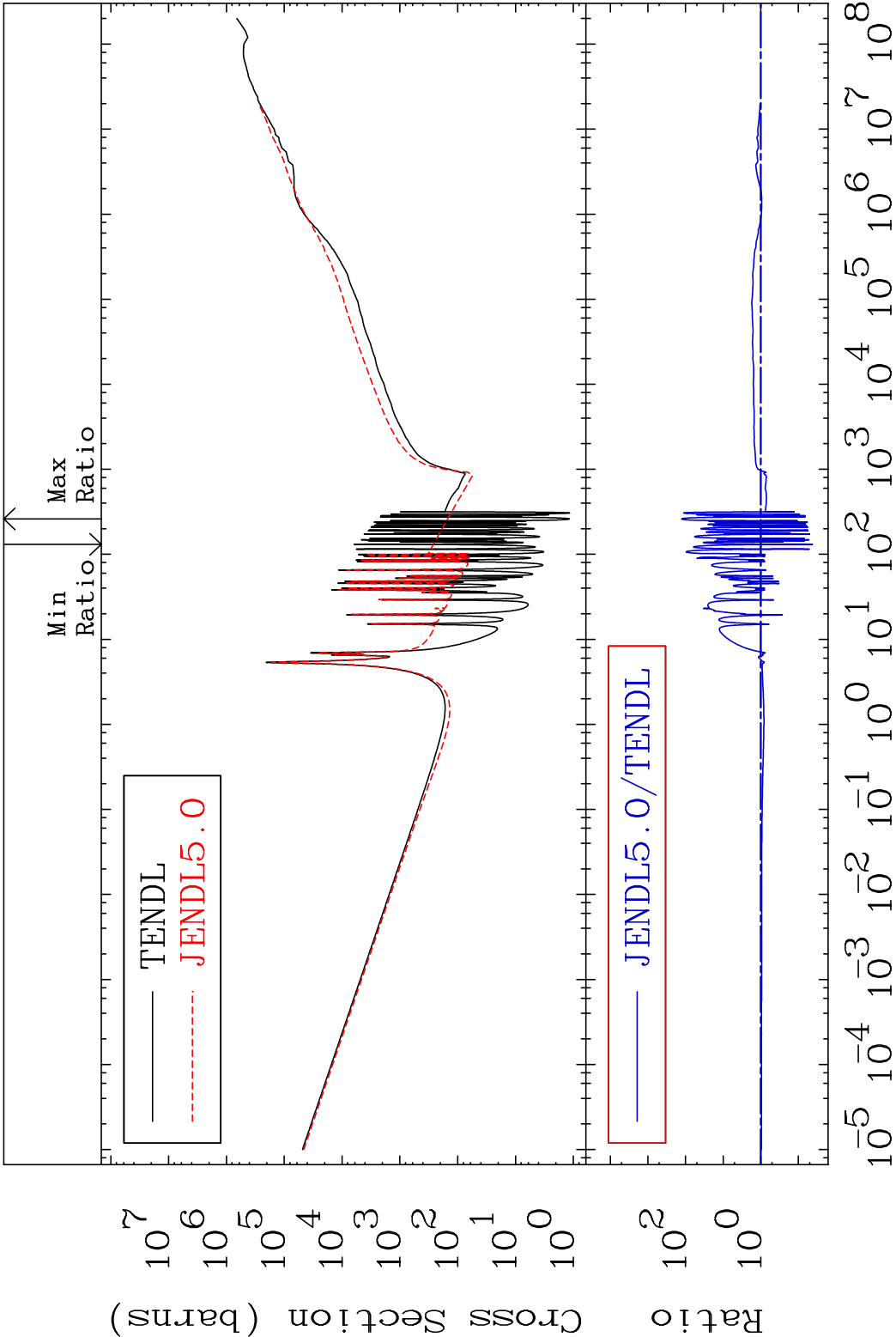
47 Incident Energy (eV) 61-Pm-147

MAT 6149 Total kinematic kerma (high limit) 61-Pm-147
Cross Section -83.75 To 9999. %



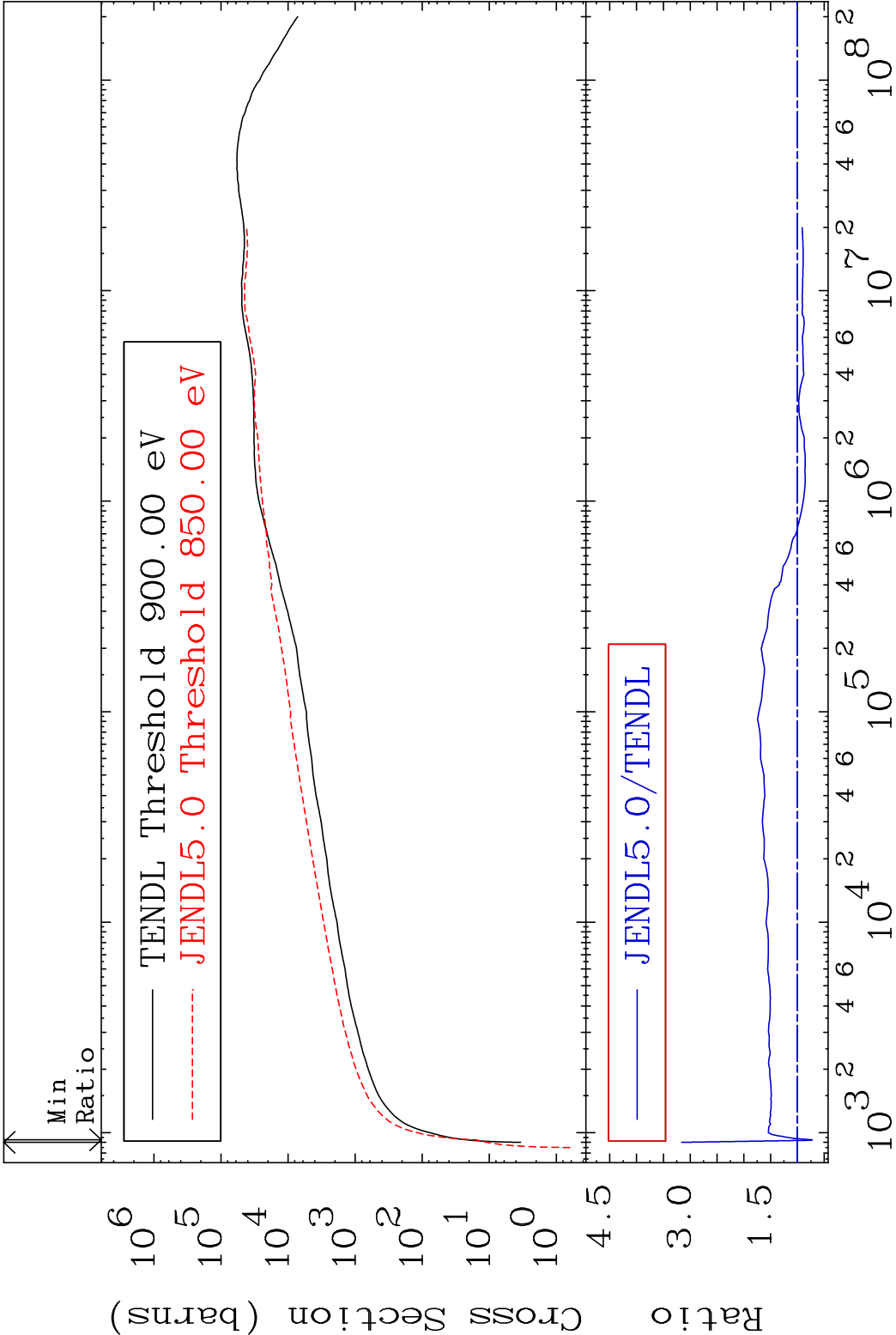
48 Incident Energy (eV) 61-Pm-147

MAT 6149 Dpa total (eV-barns) 61-Pm-147
Cross Section -95.72 To 9999. %

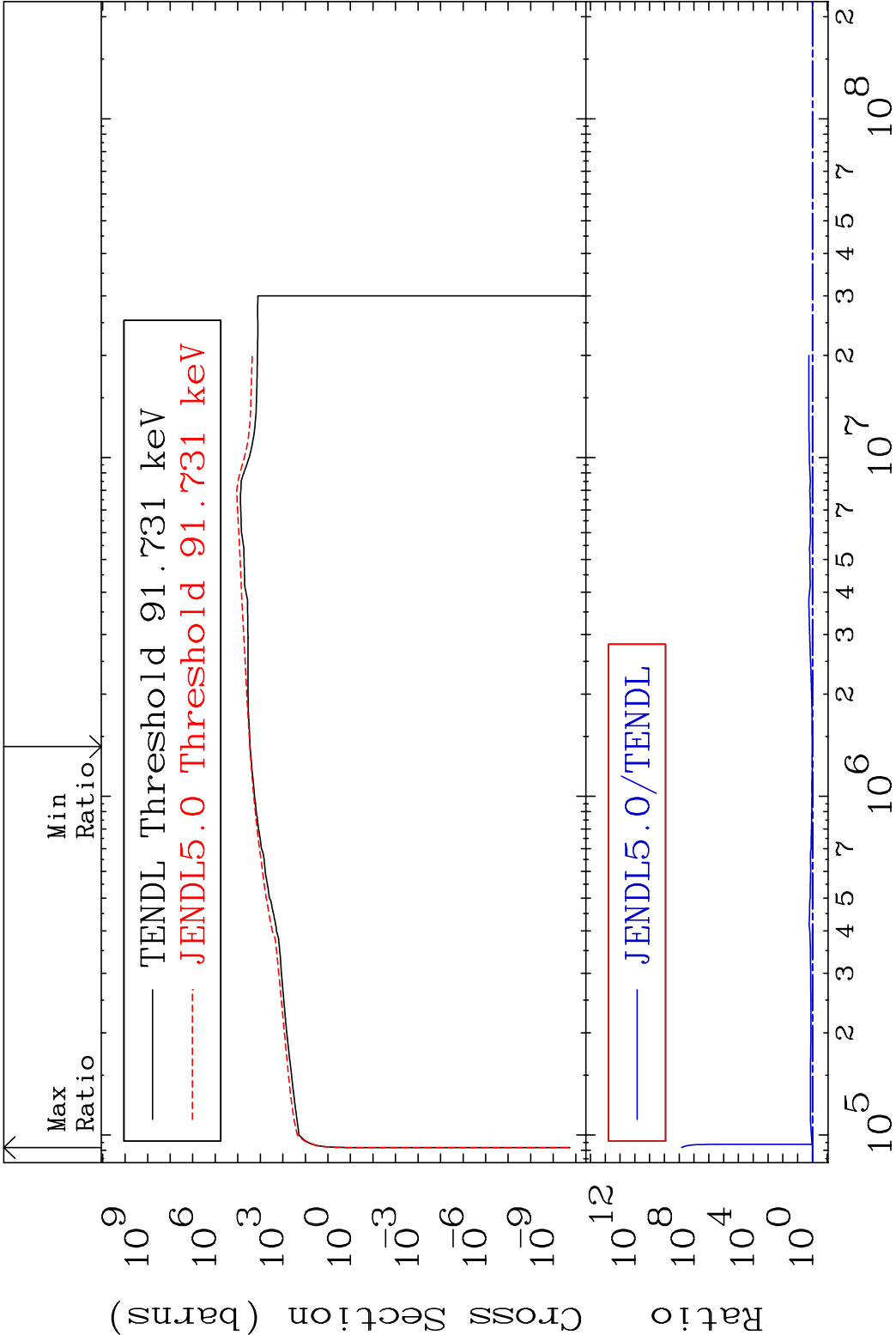


49 Incident Energy (eV) 61-Pm-147

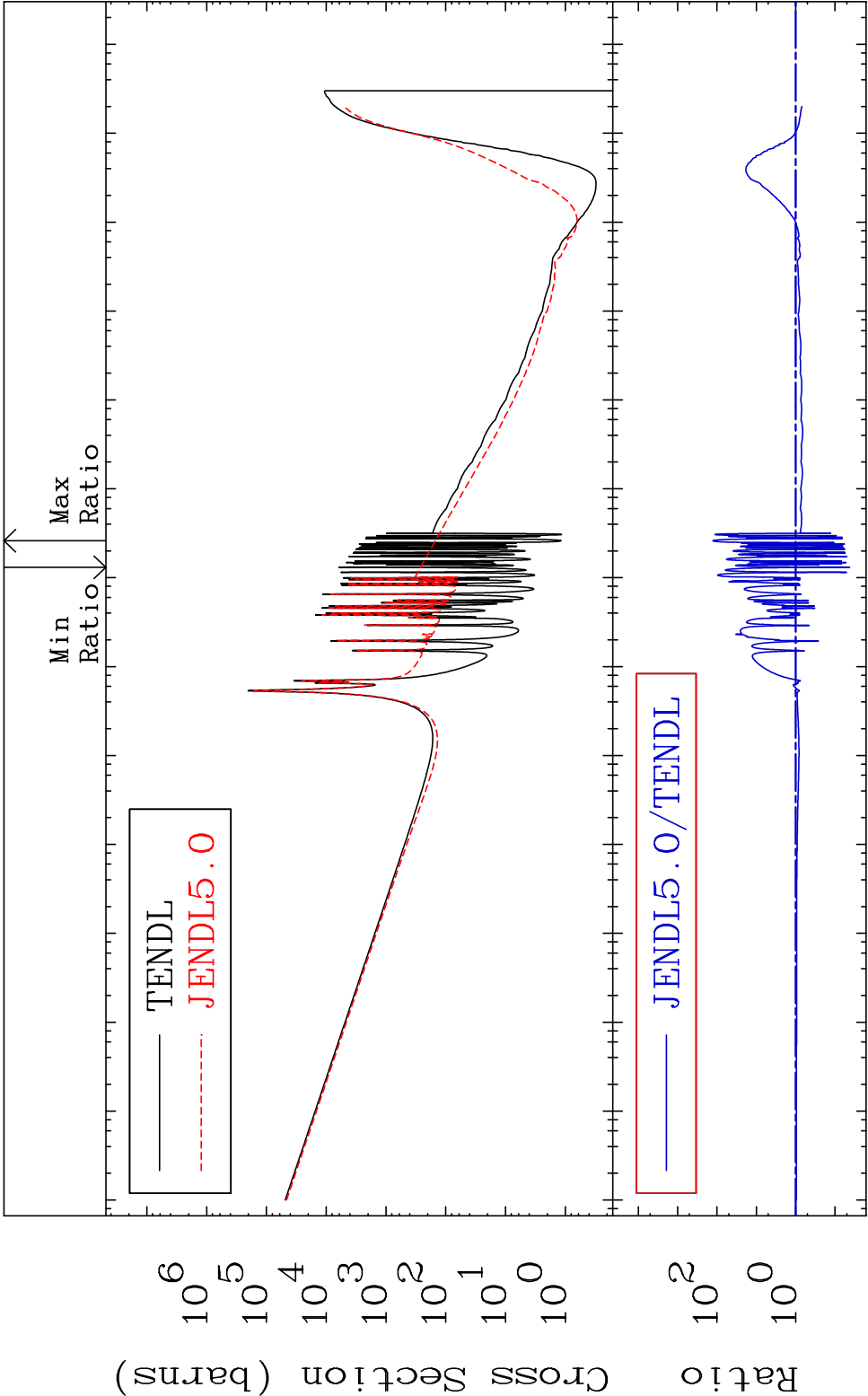
MAT 6149 Dpa elastic (mt2) 61-Pm-147
Cross Section -27.65 To 216.1 %

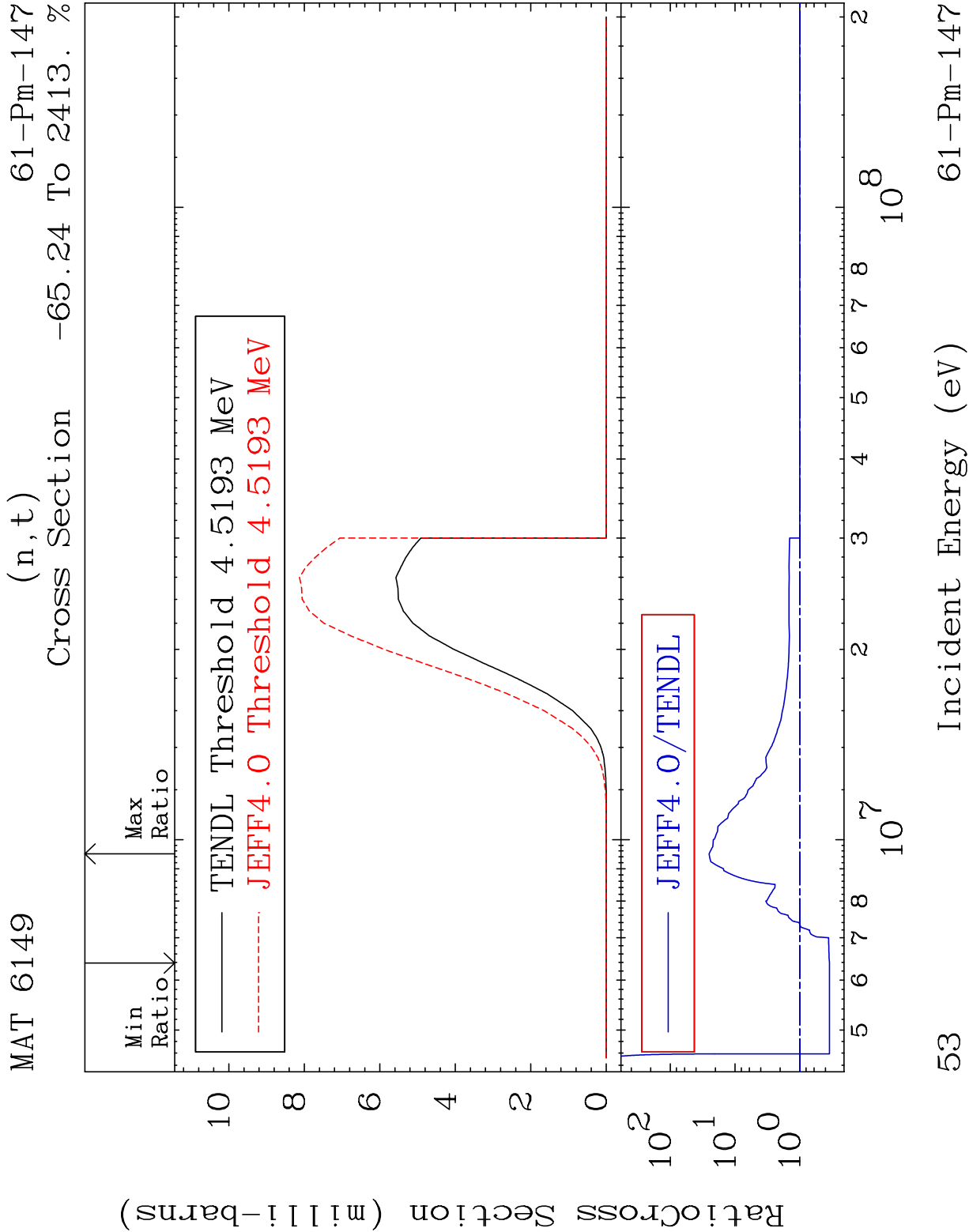


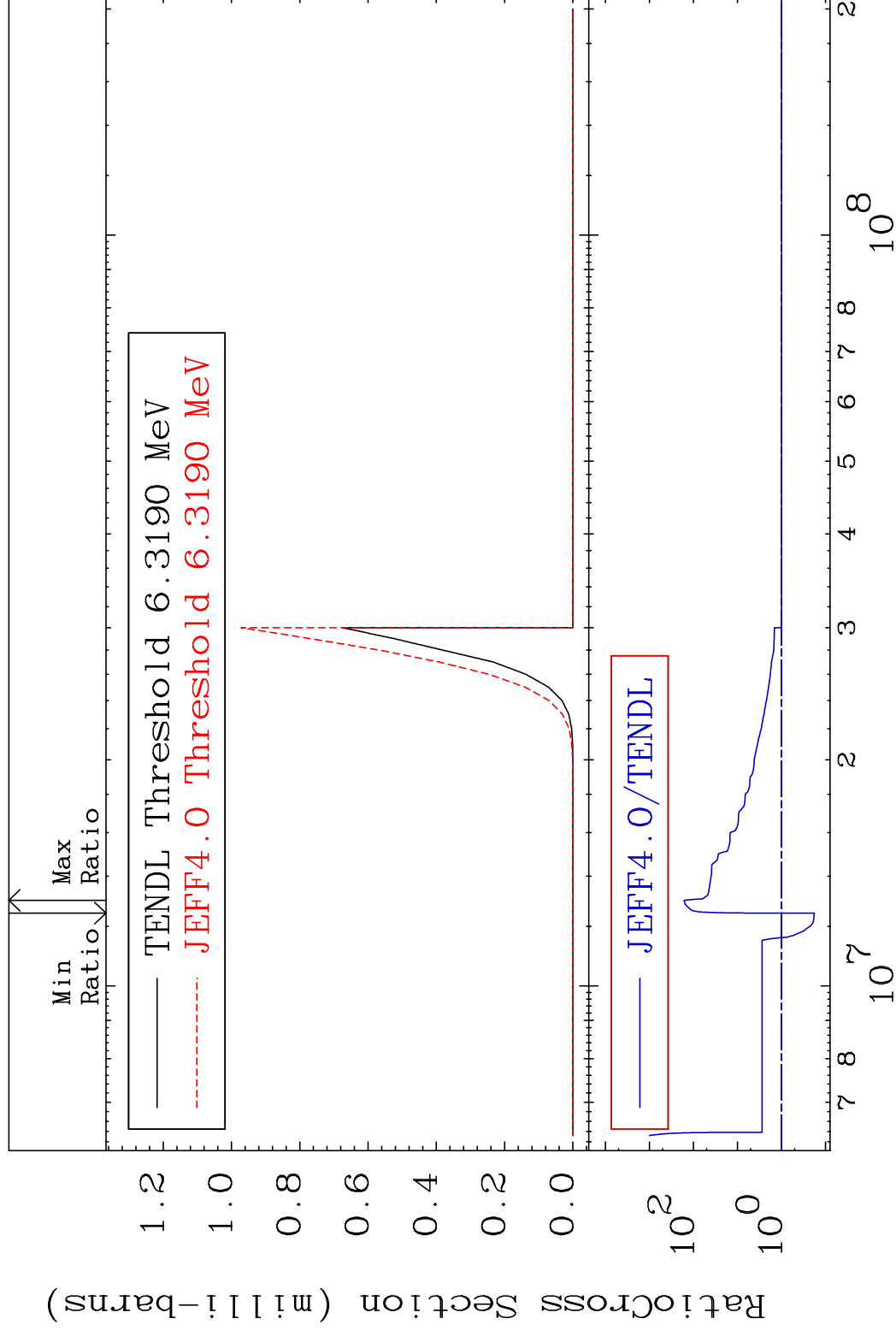
MAT 6149 Dpa inelastic (mt51-91) 61-Pm-147
Cross Section 3.039 To 9999. %

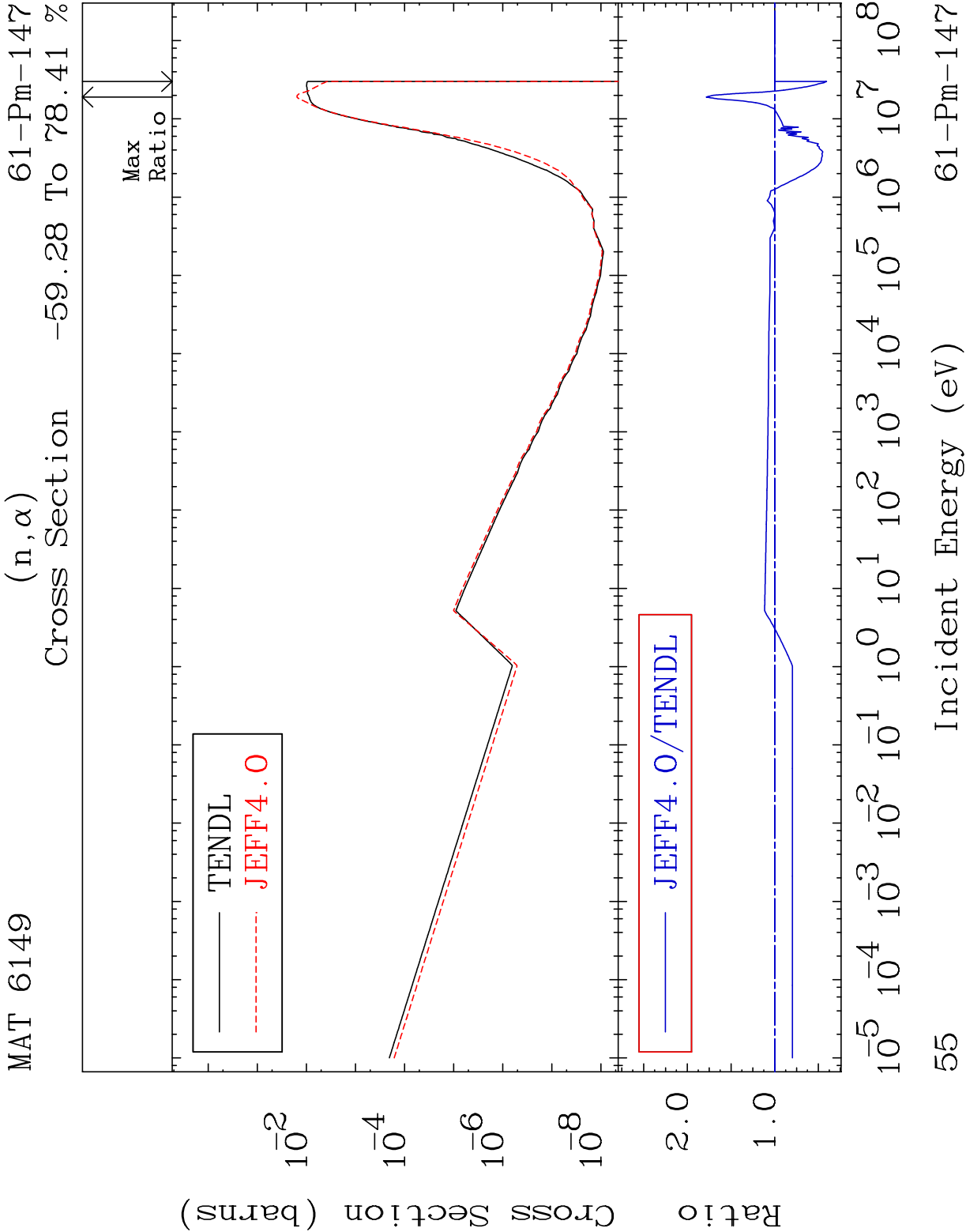


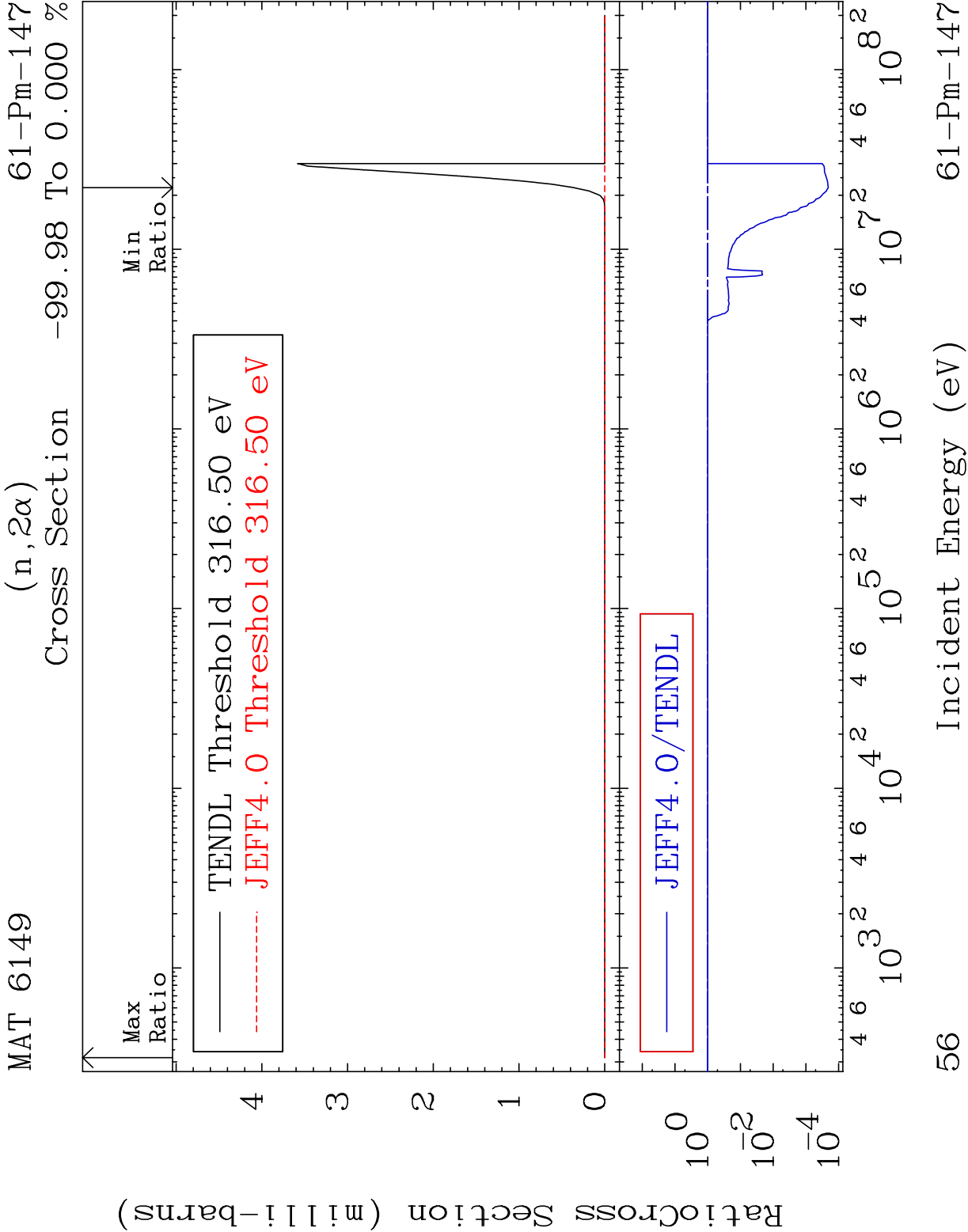
51 Incident Energy (eV) 61-Pm-147

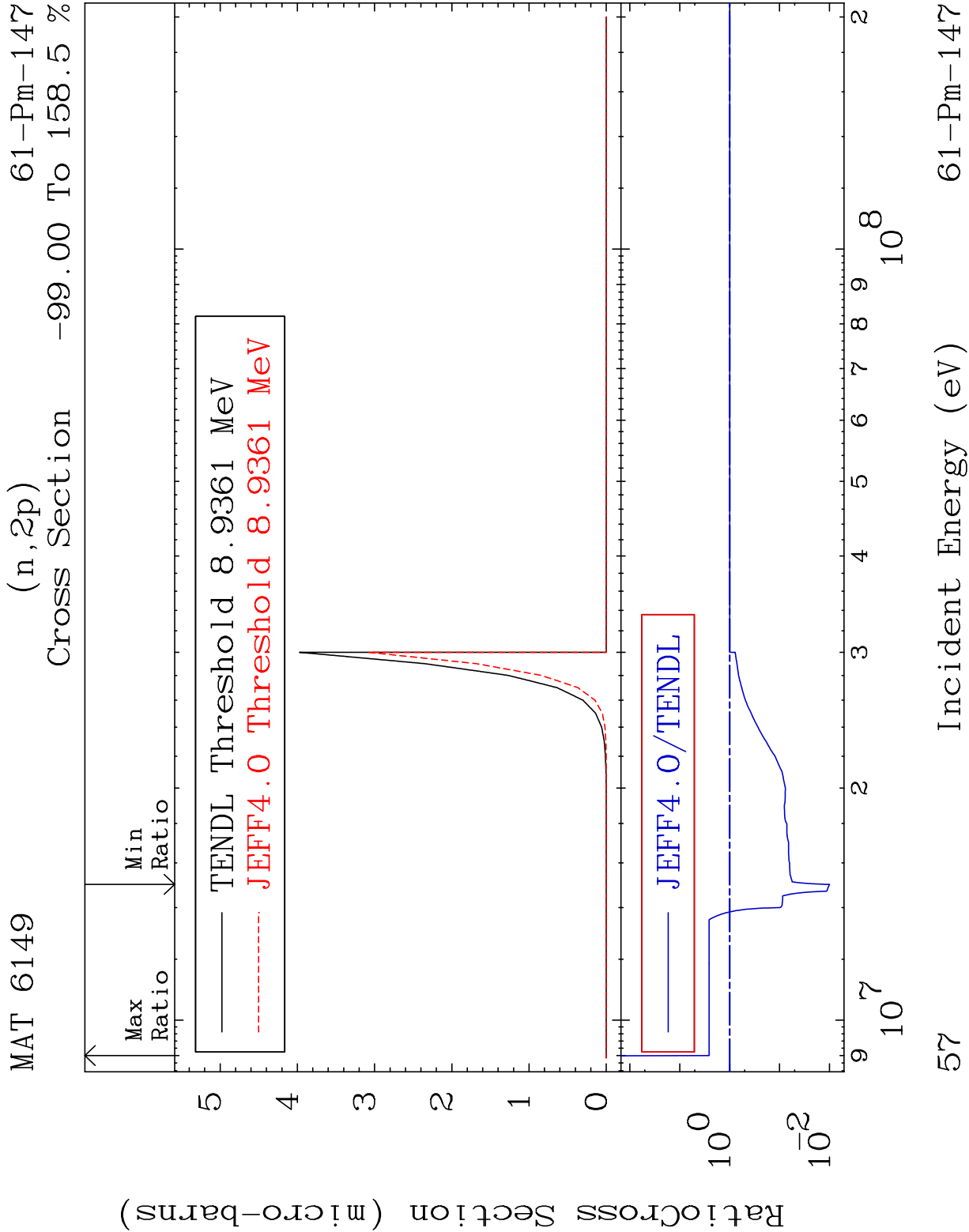


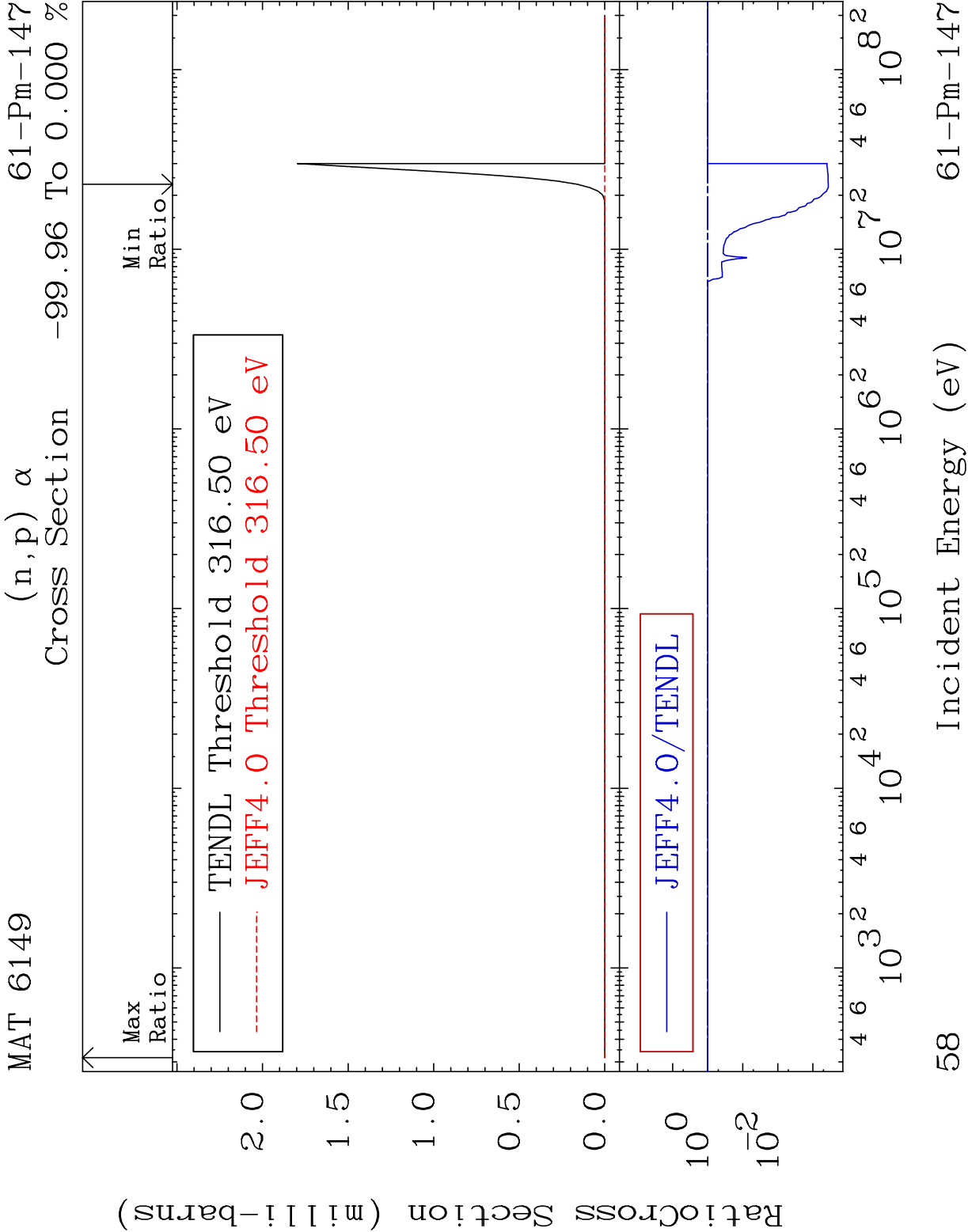


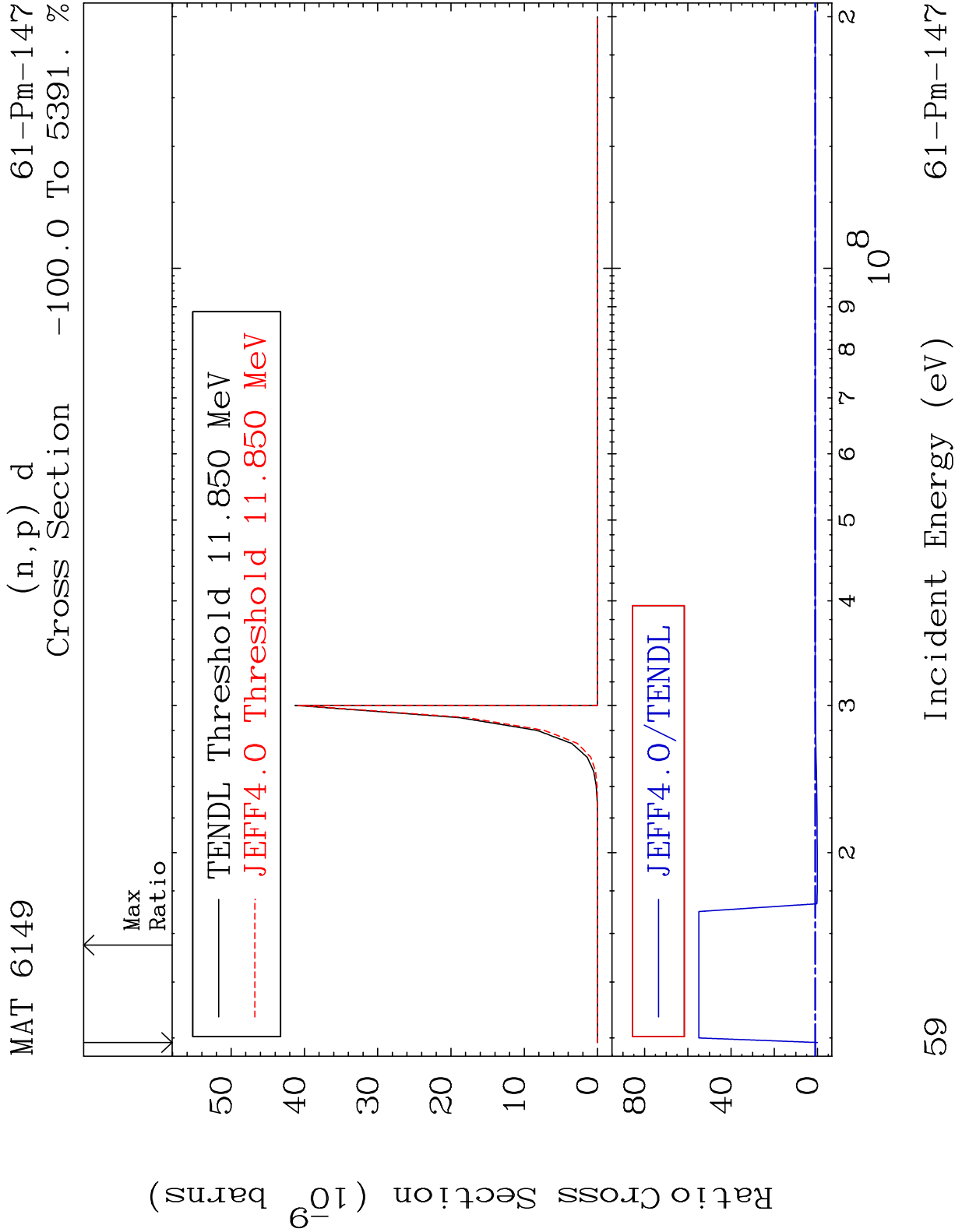










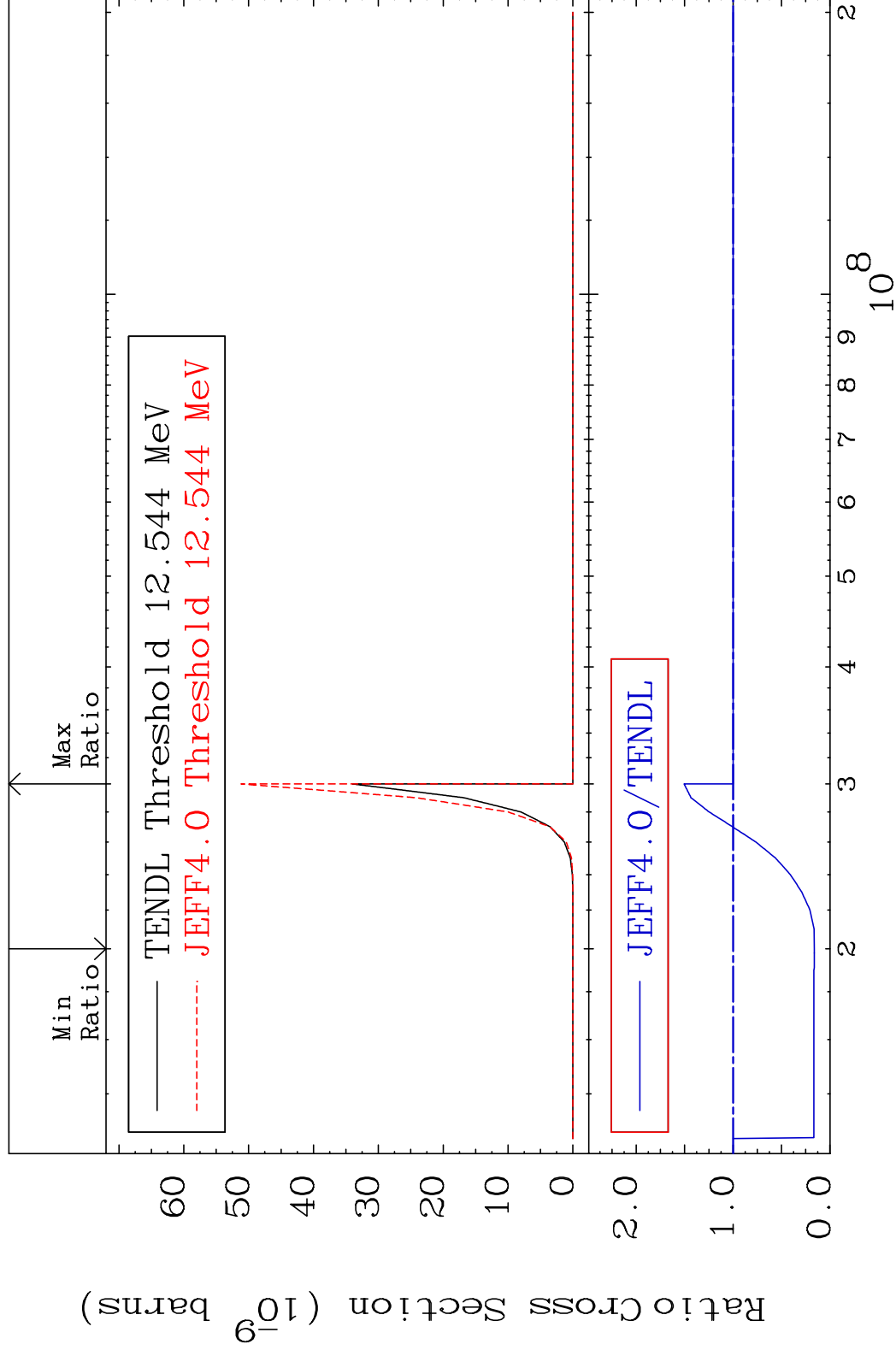


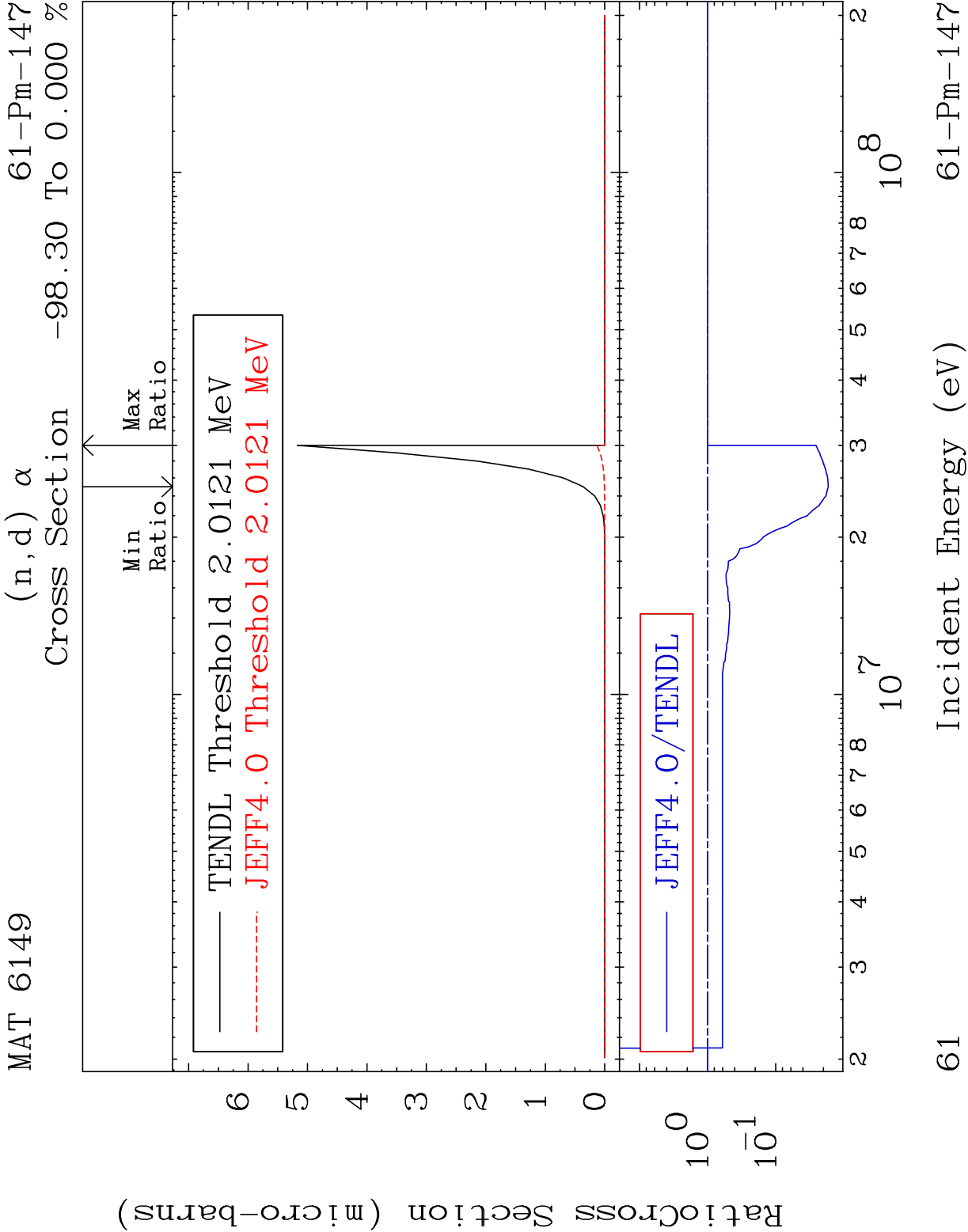
MAT 6149

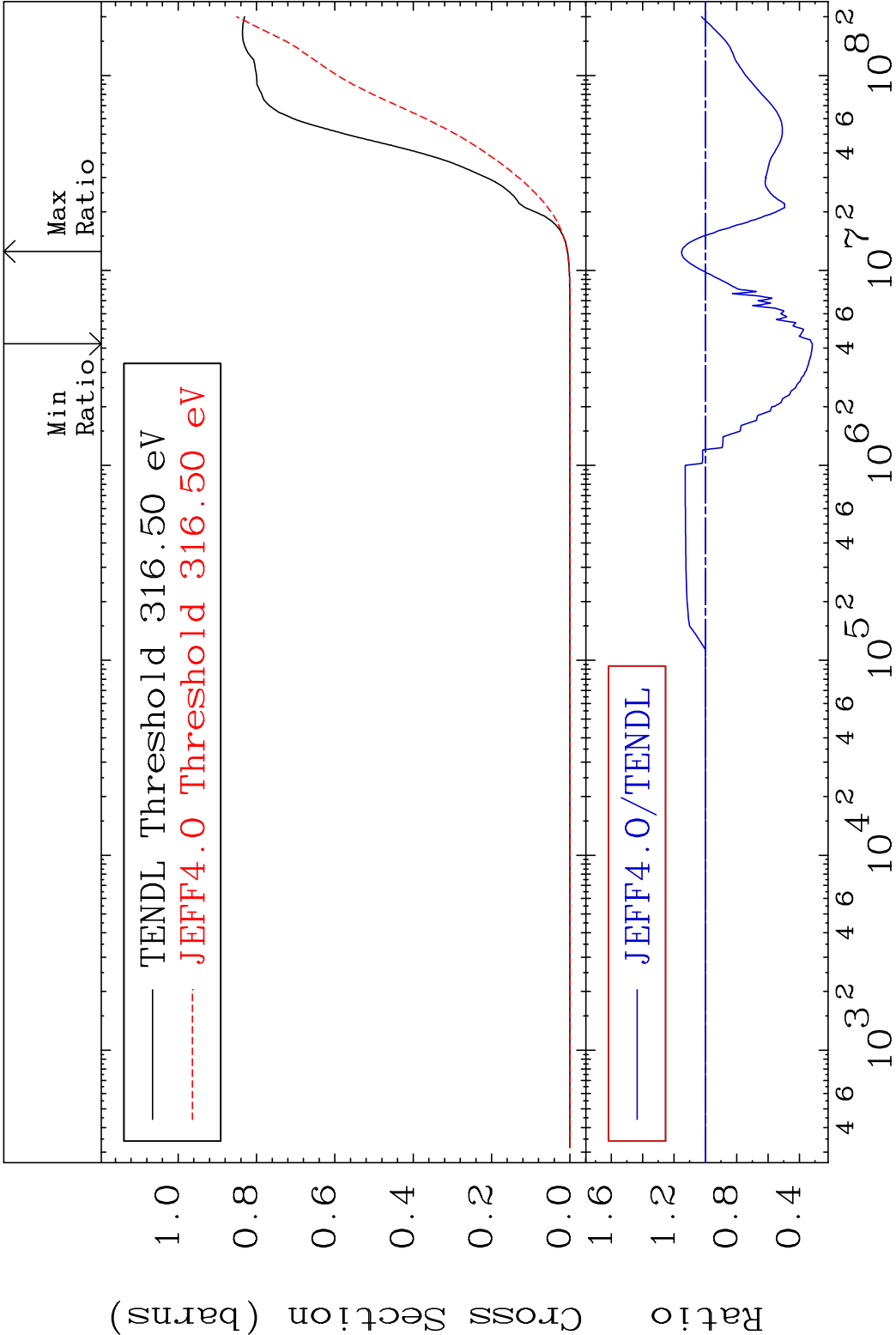
$$t(n, p)$$

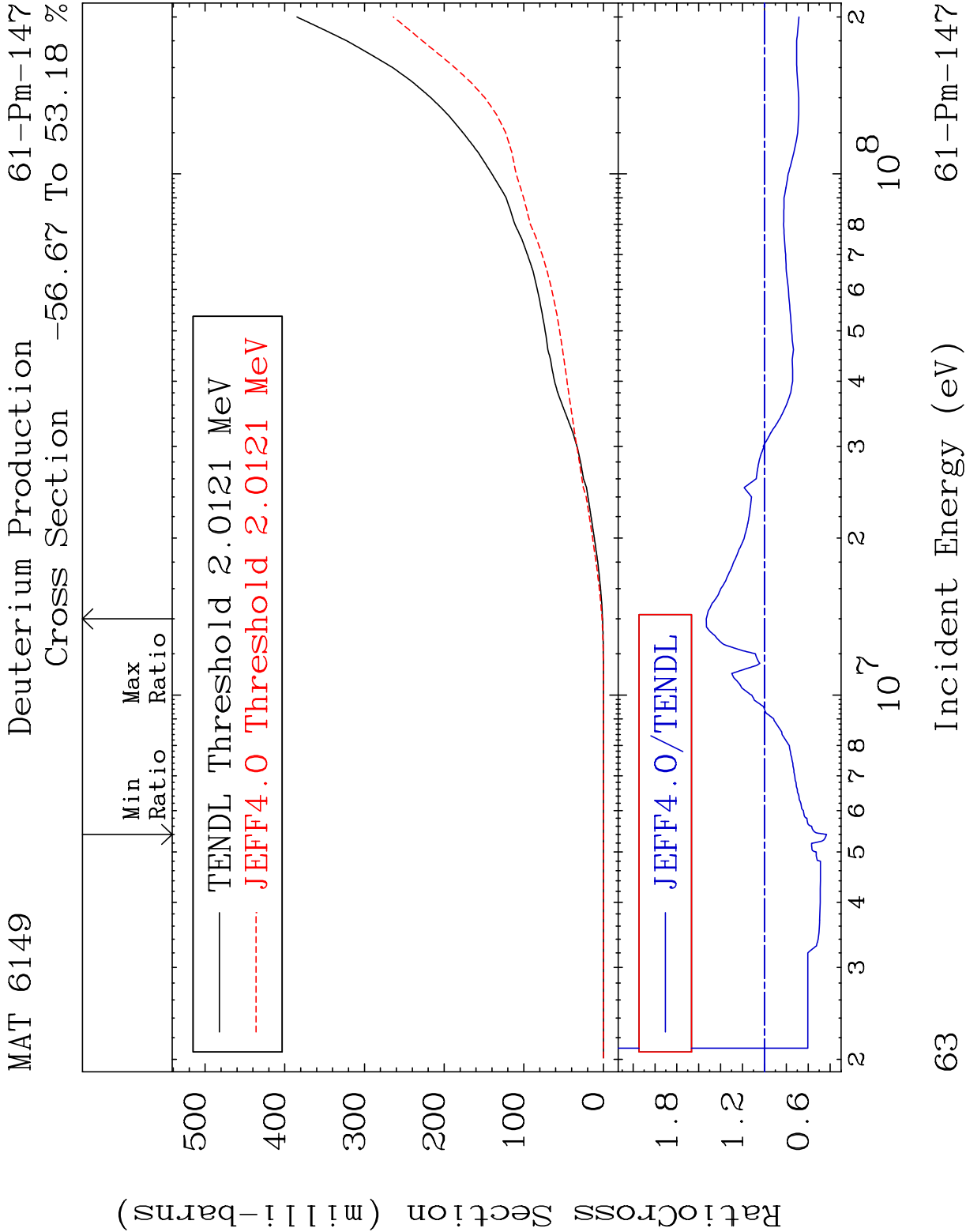
61-Pm-147

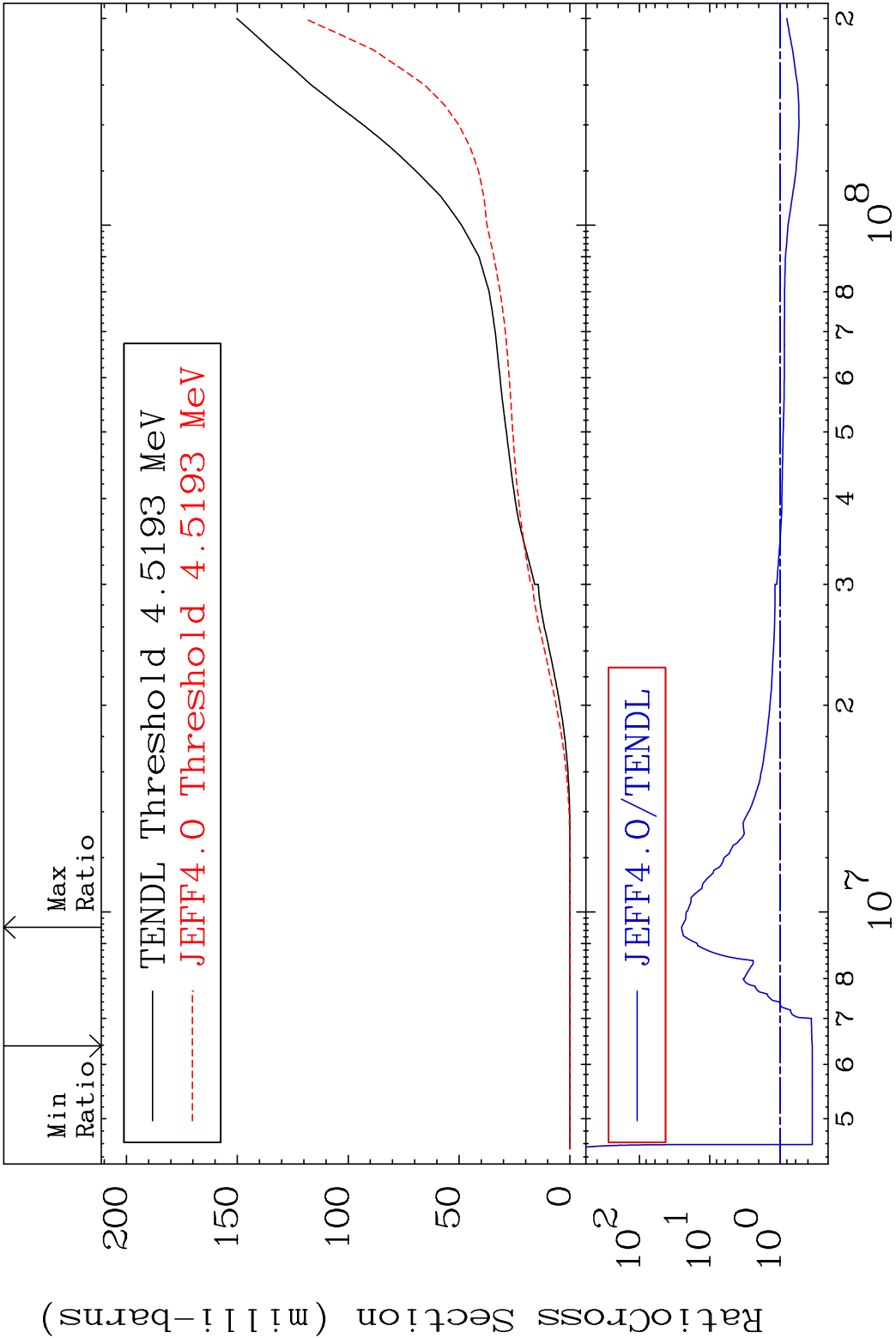
Cross Section -83.83 To 50.60 %

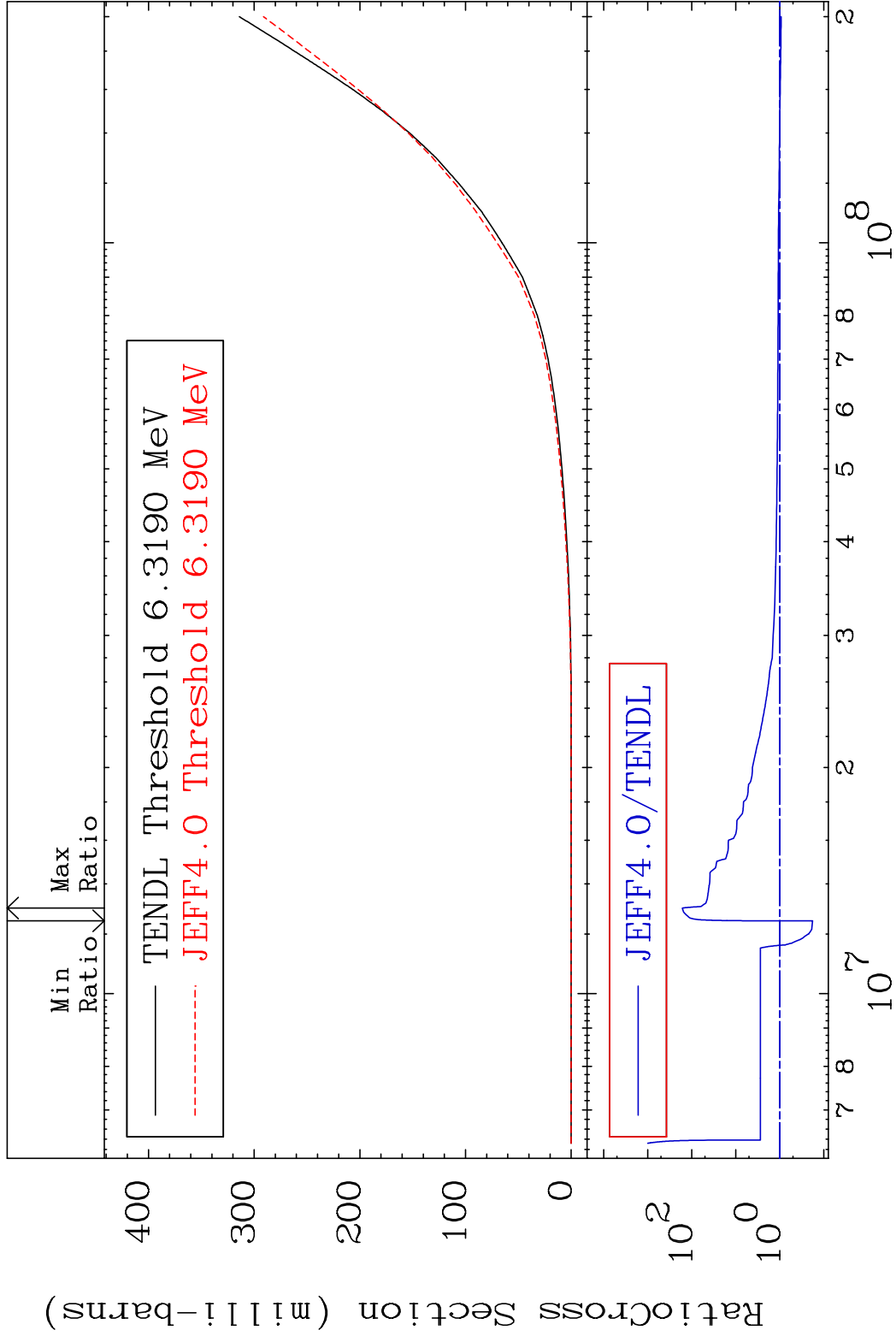


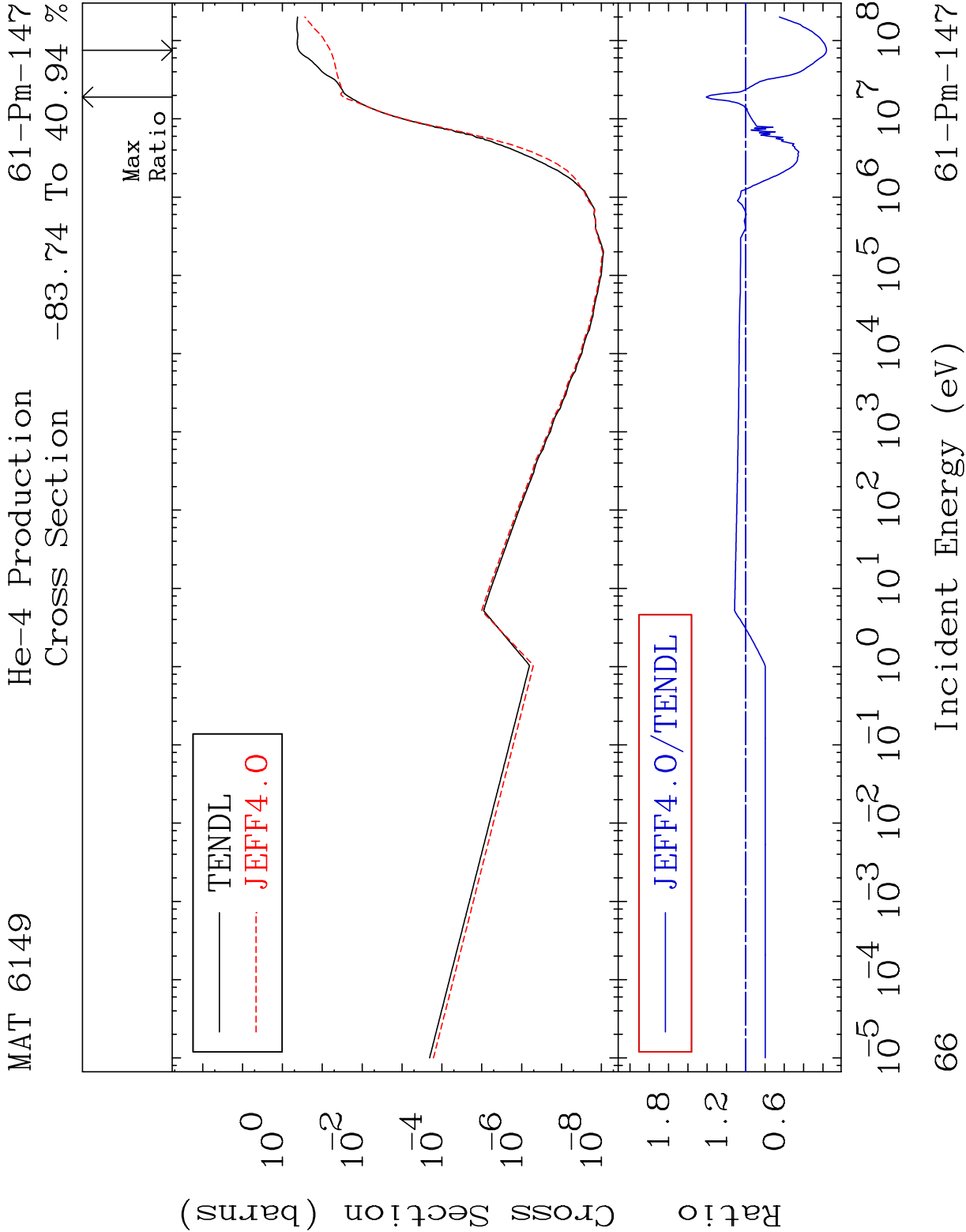


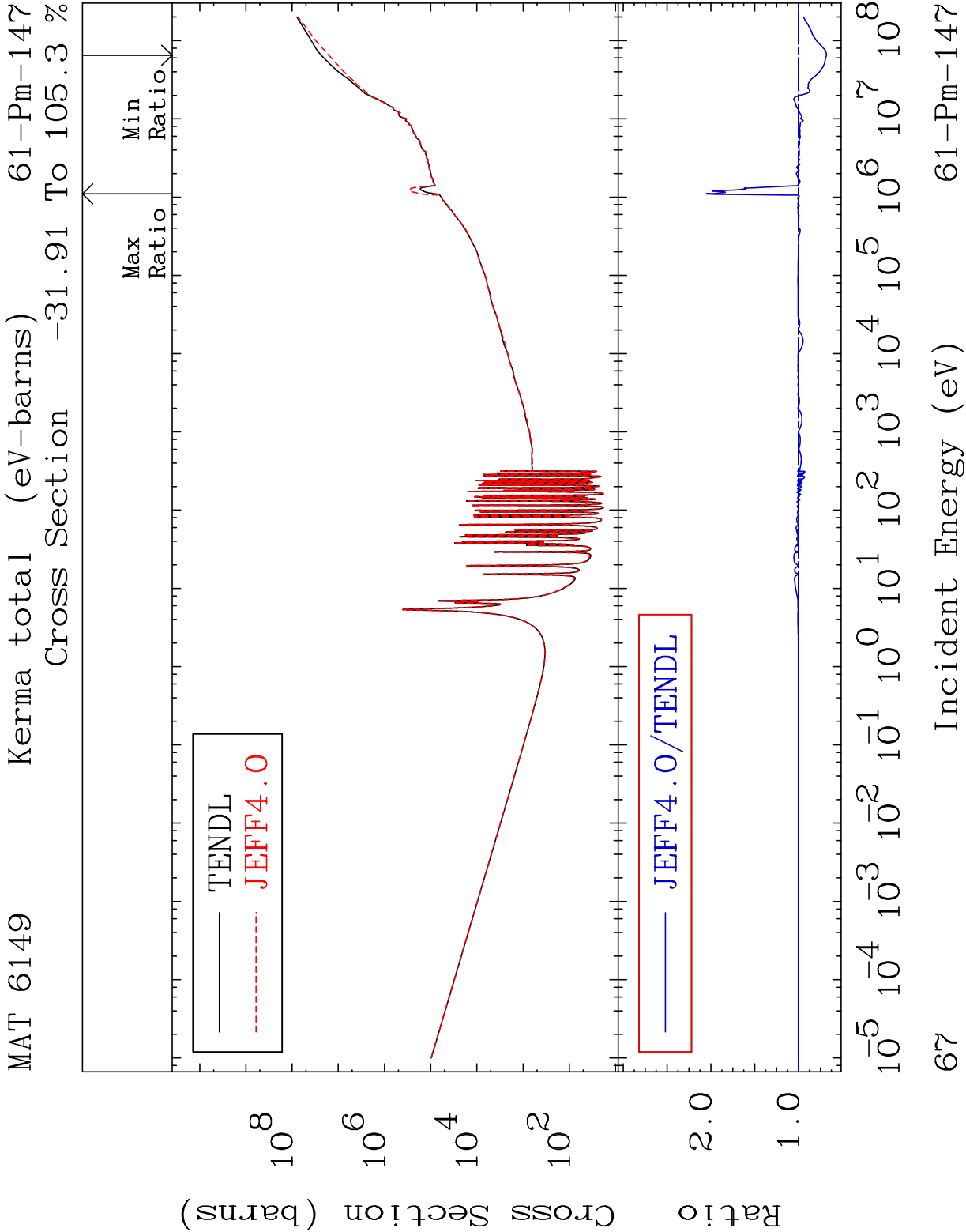




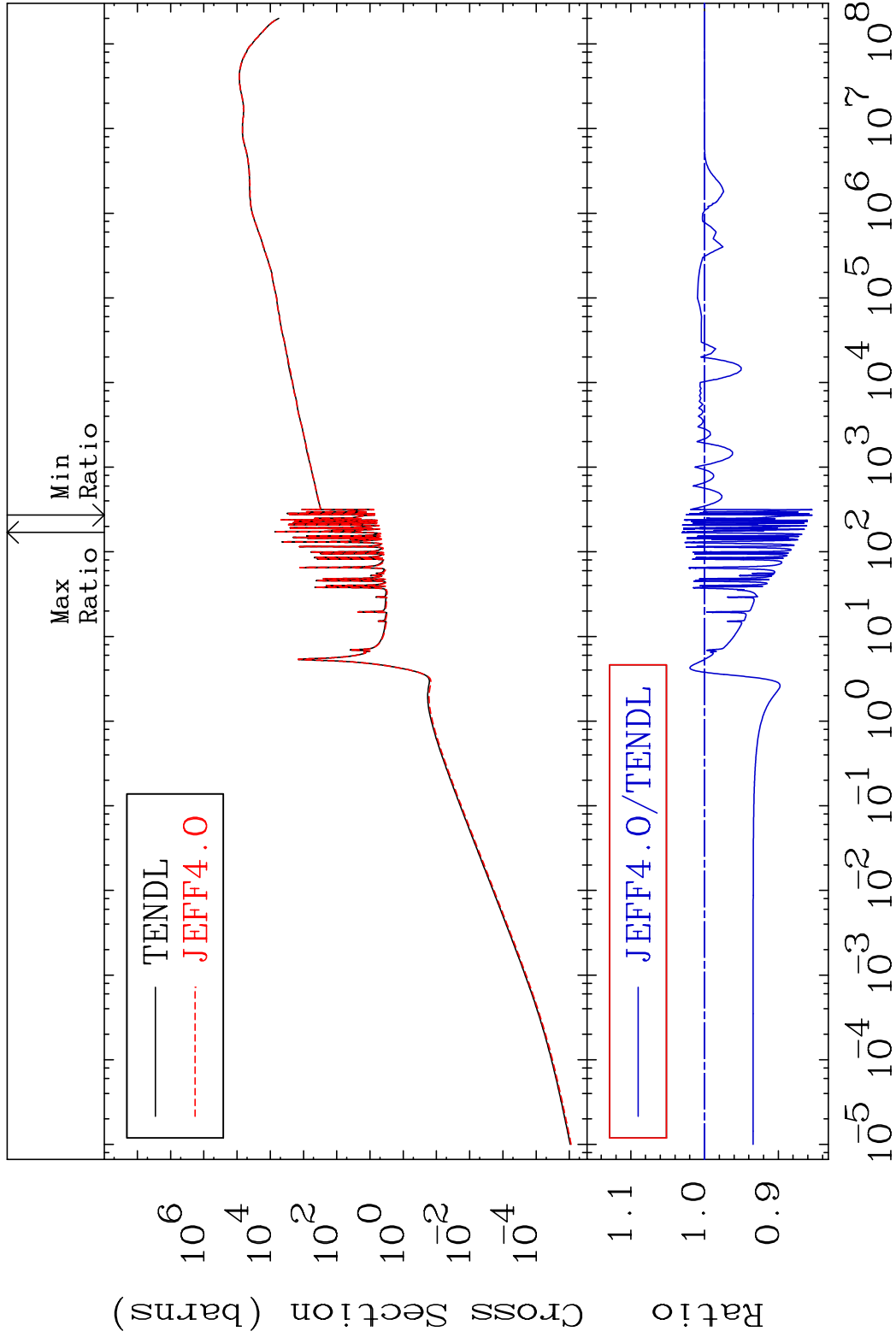




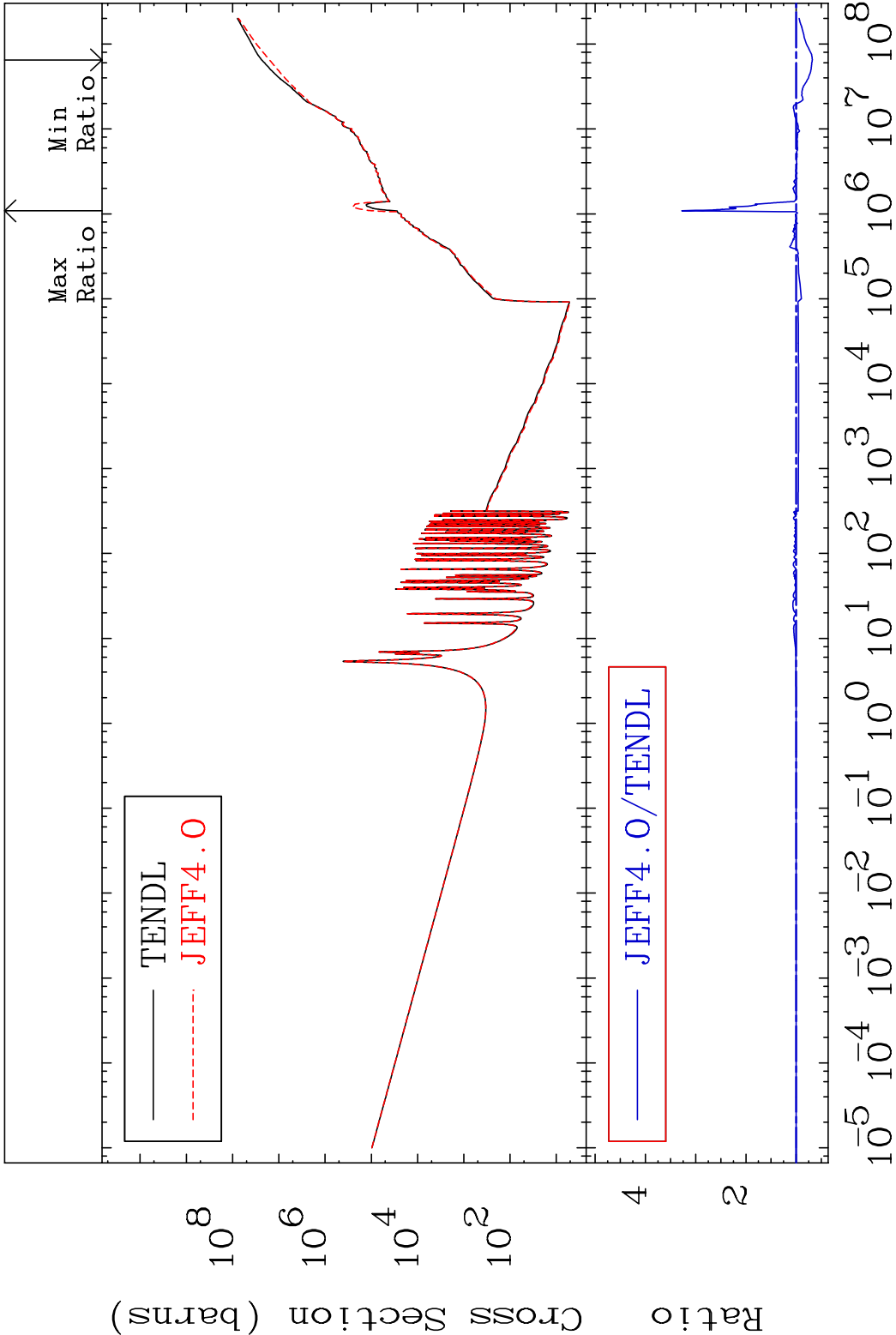




MAT 6149 Kerma elastic 61-Pm-147
 Cross Section -14.64 To 3.007 %

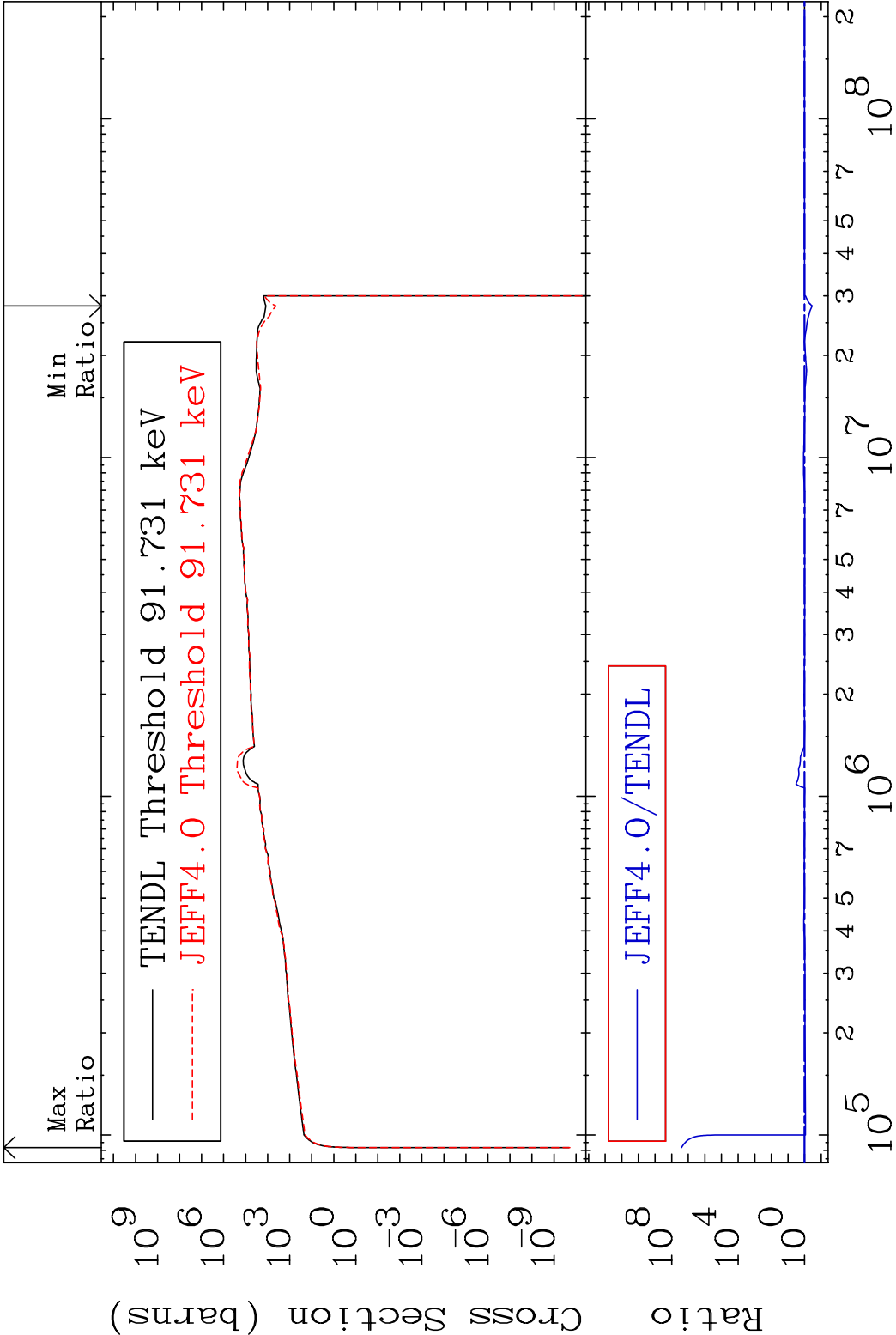


MAT 6149 Kerma non-elastic (all but mt2) 61-Pm-147
 Cross Section -32.01 To 227.6 %



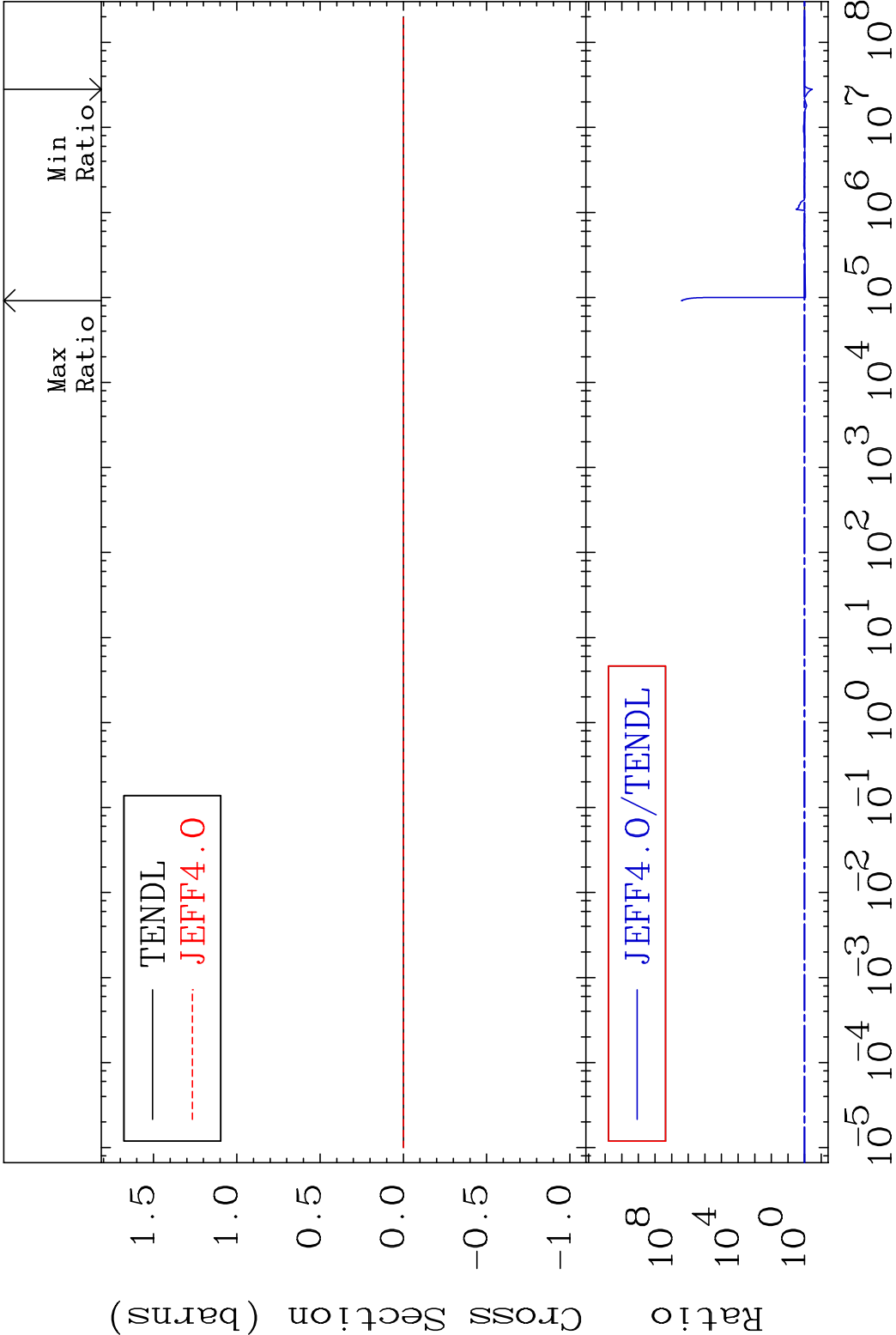
69 Incident Energy (eV) 61-Pm-147

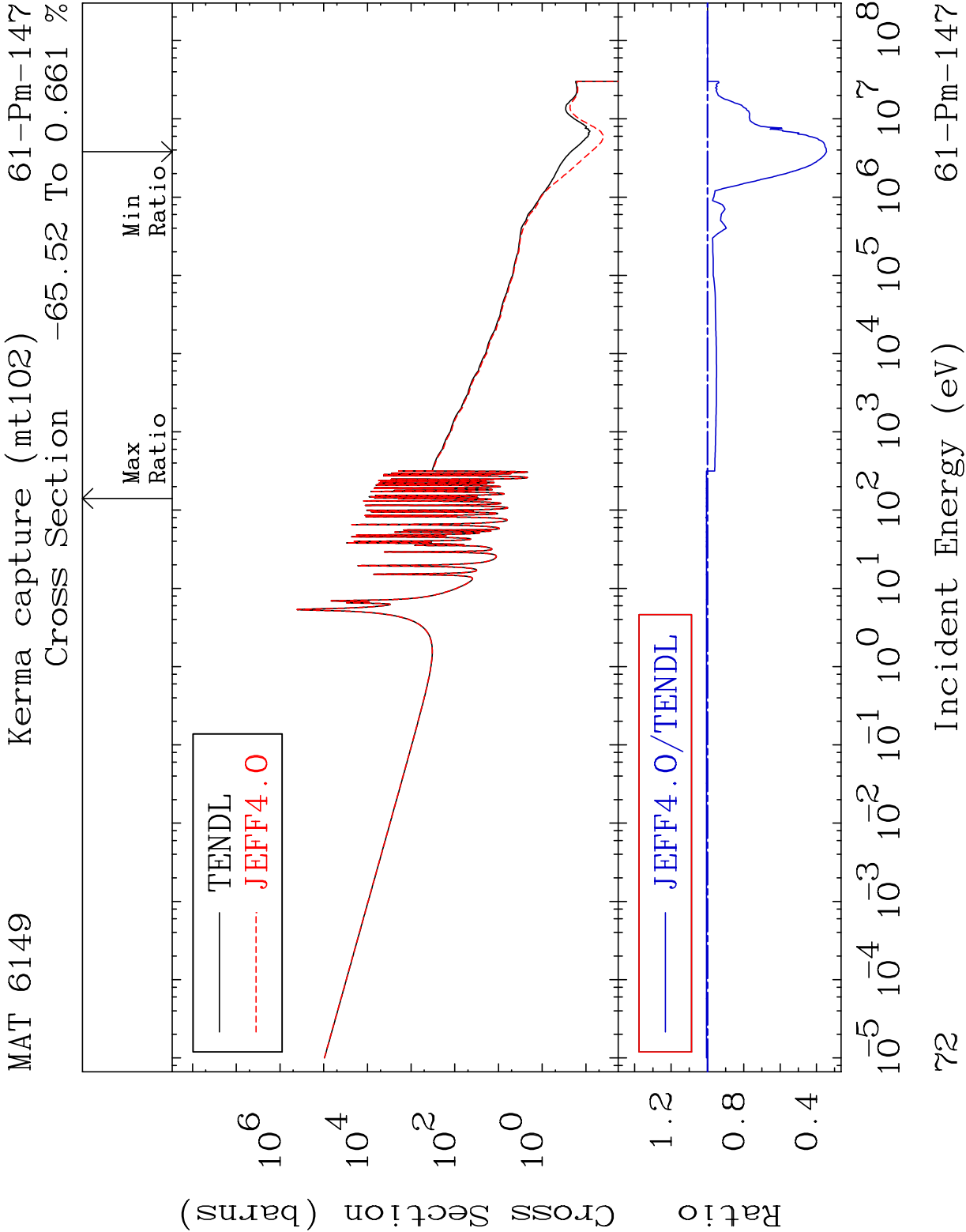
MAT 6149 Kerma inelastic (mt51-91) 61-Pm-147
Cross Section -65.32 To 9999. %

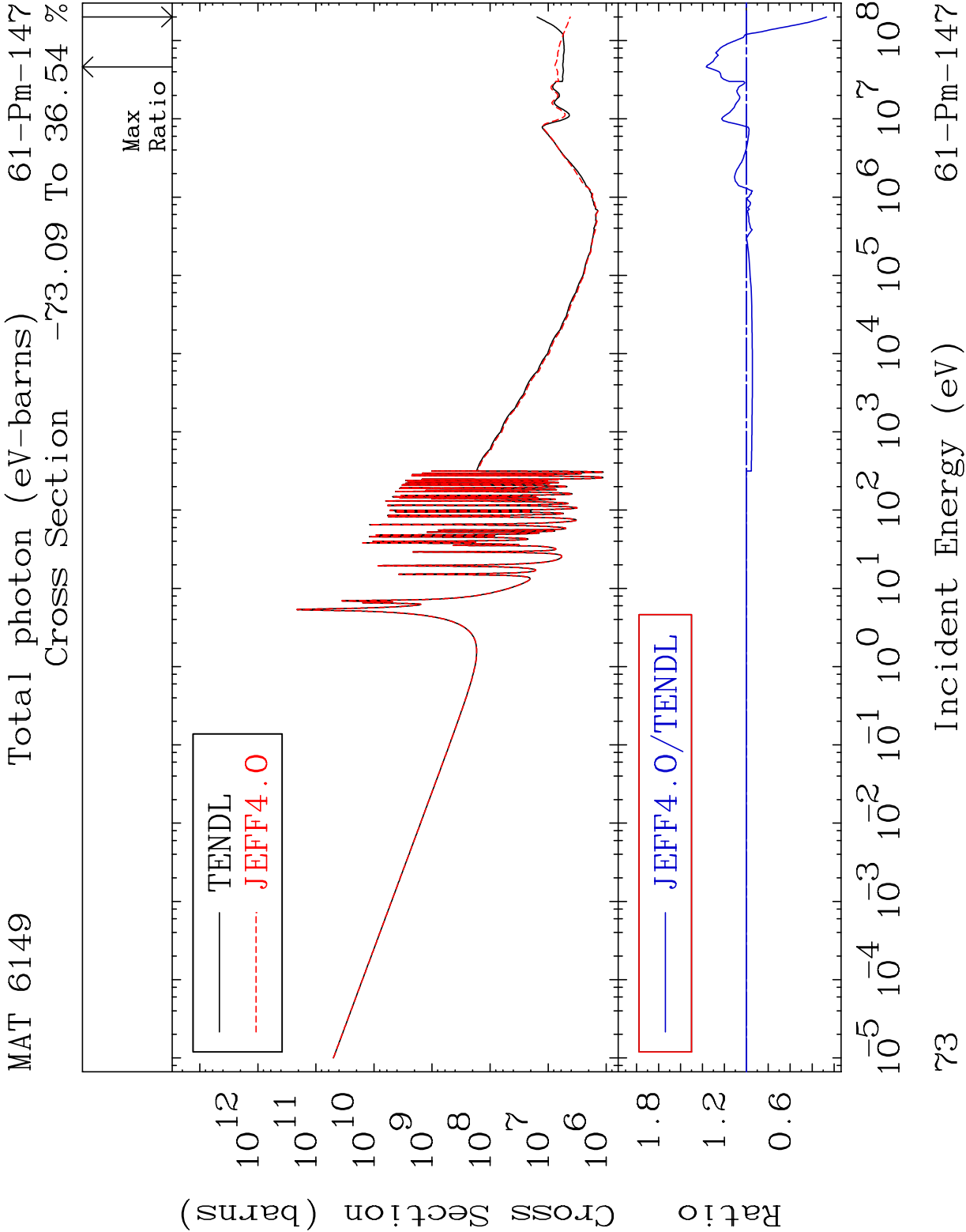


70 Incident Energy (eV) 61-Pm-147

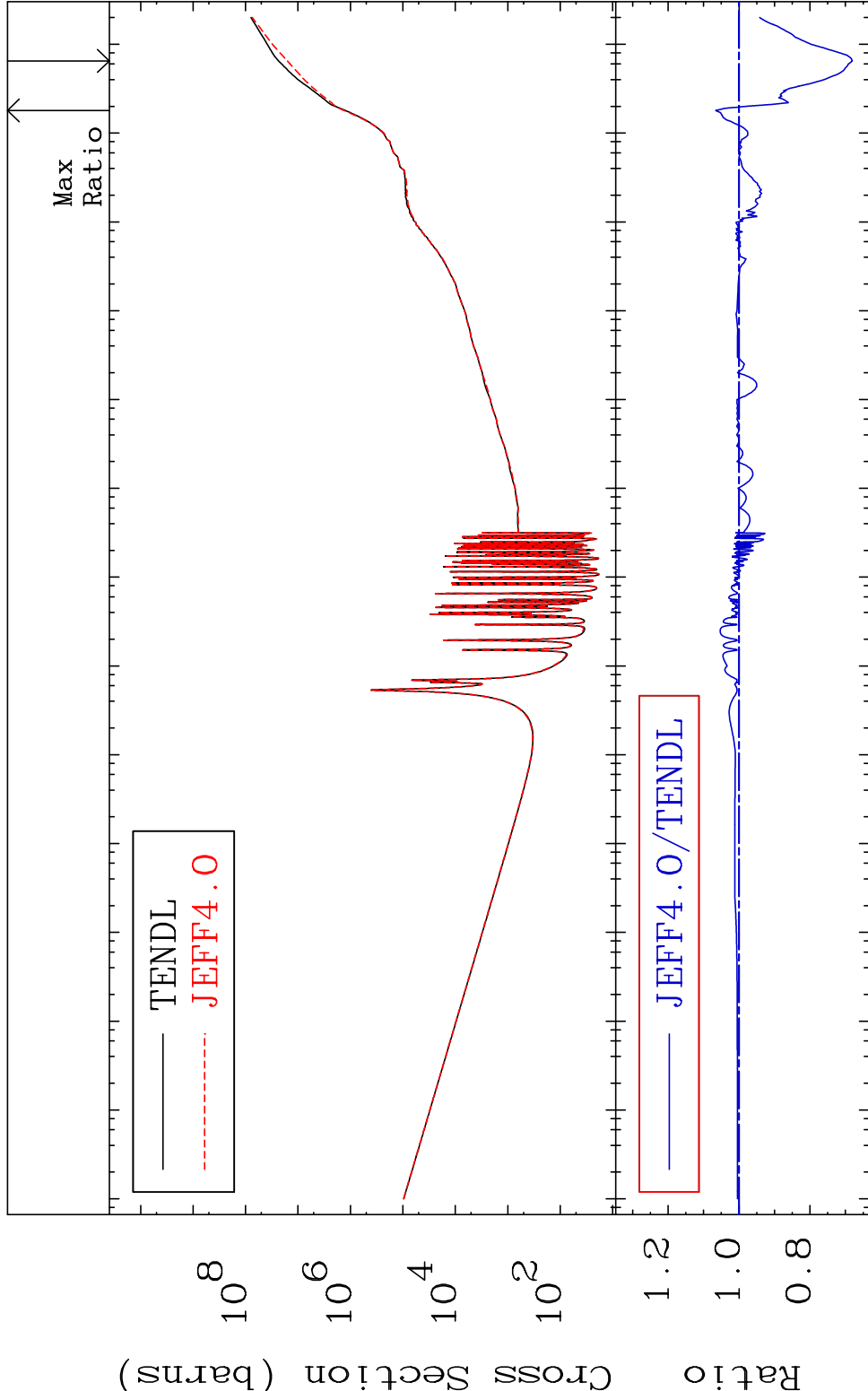
MAT 6149Kerma fission (mt18 or mt19-20-21-38)61-Pm-147
Cross Section -65.32 To 9999. %



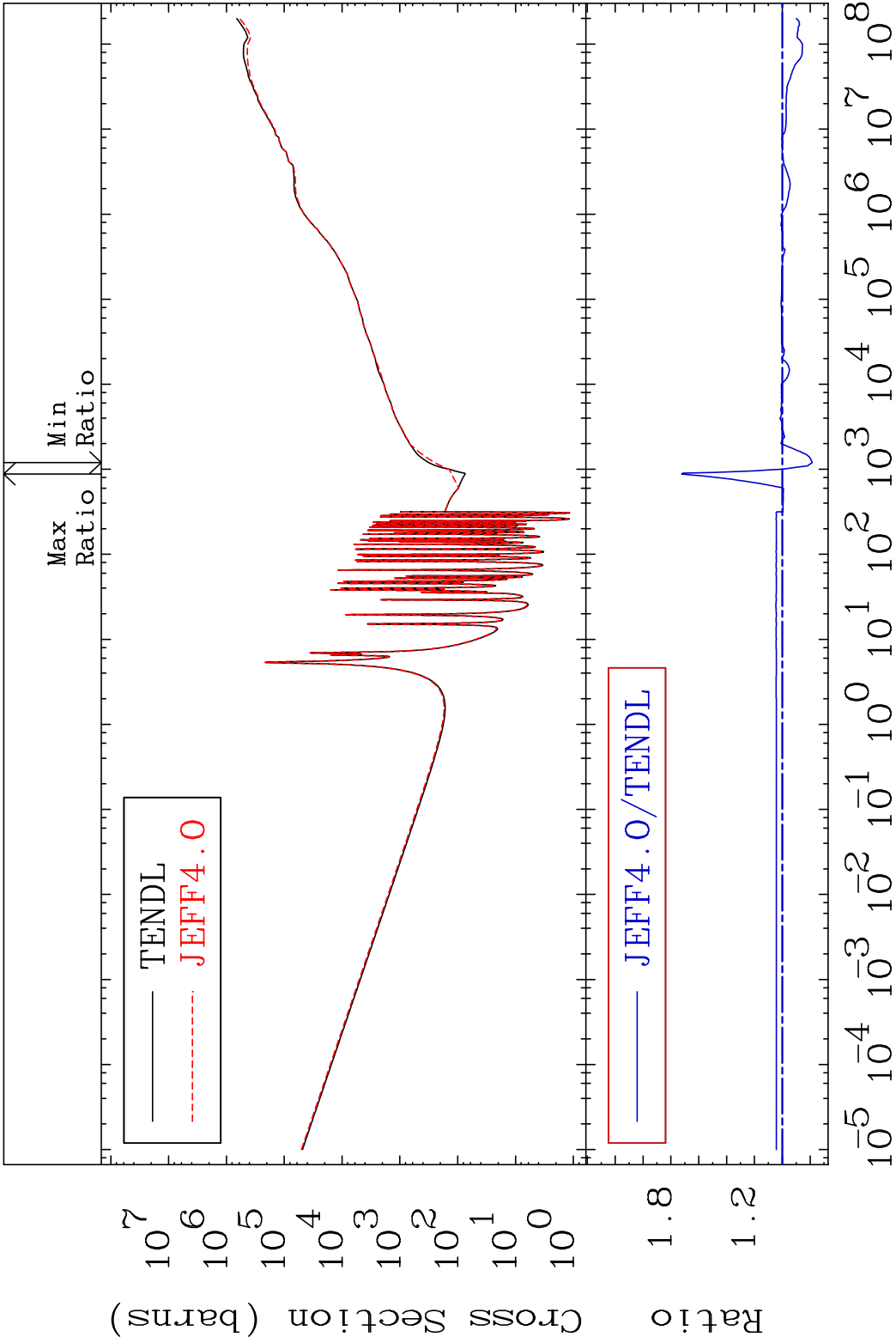




MAT 6149 Total kinematic kerma (high limit) 61-Pm-147
Cross Section -31.91 To 6.594 %

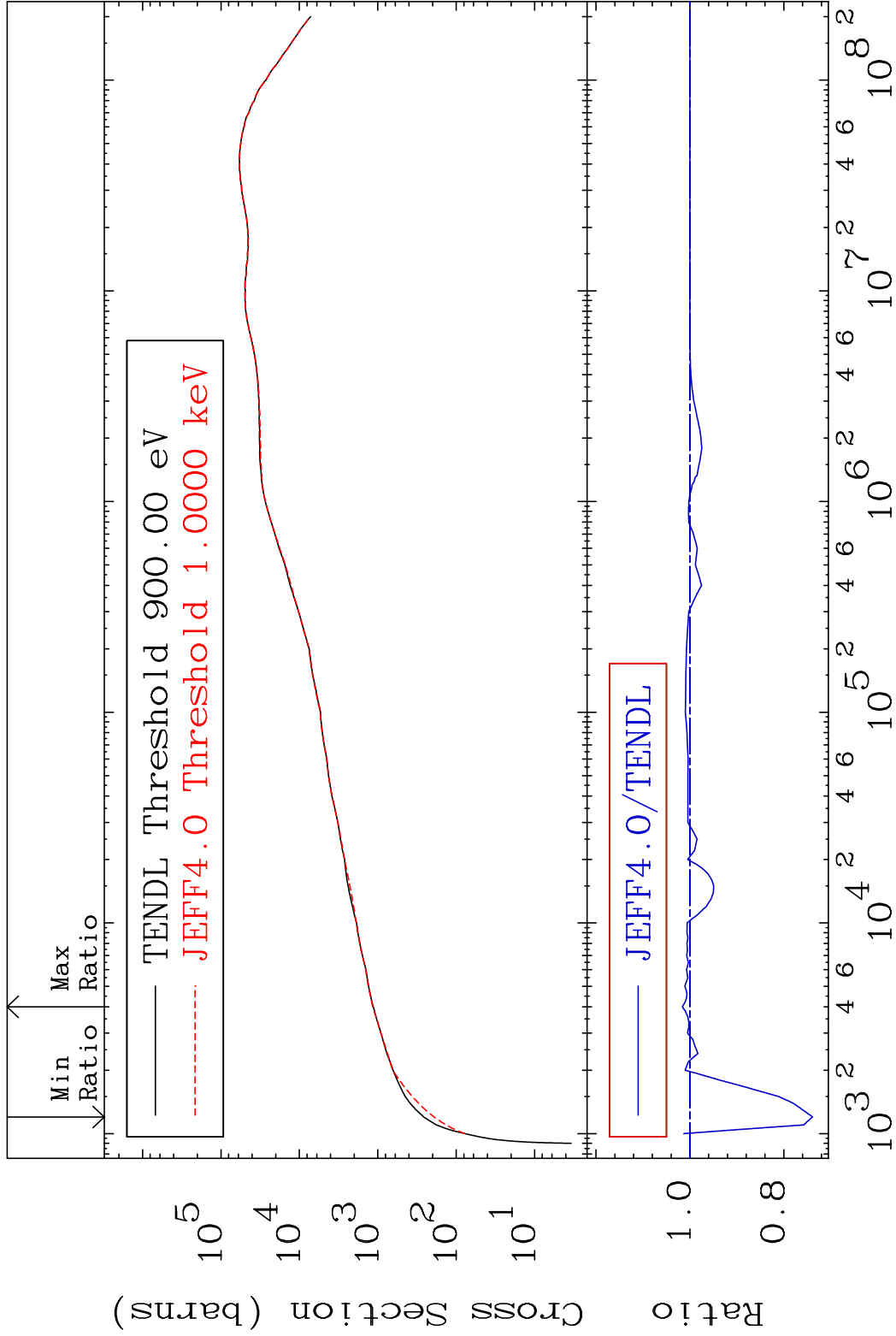


MAT 6149 Dpa total (eV-barns) 61-Pm-147
Cross Section -21.51 To 72.33 %



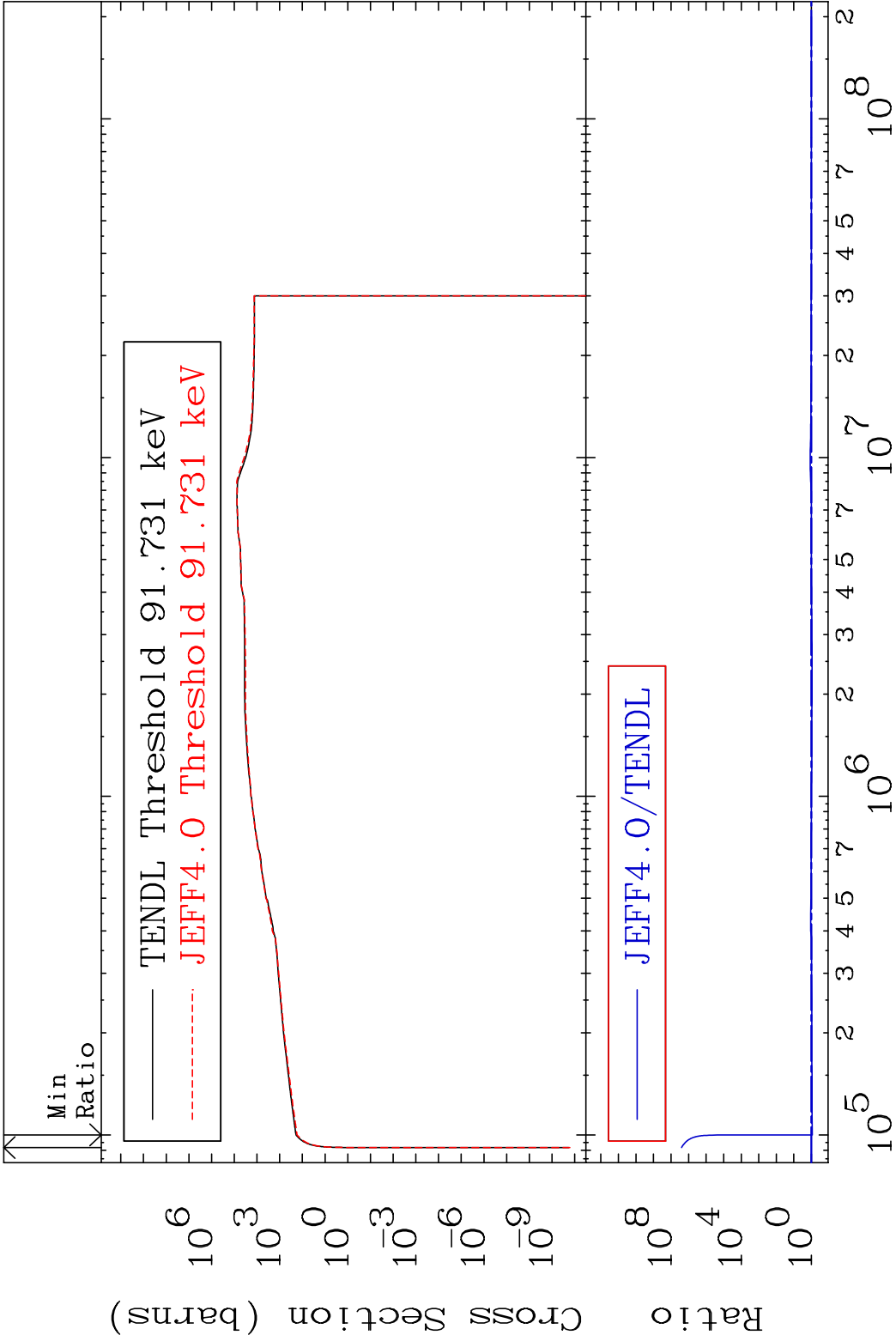
75 Incident Energy (eV) 61-Pm-147

MAT 6149 Dpa elastic (mt2) 61-Pm-147
Cross Section -26.12 To 1.612 %



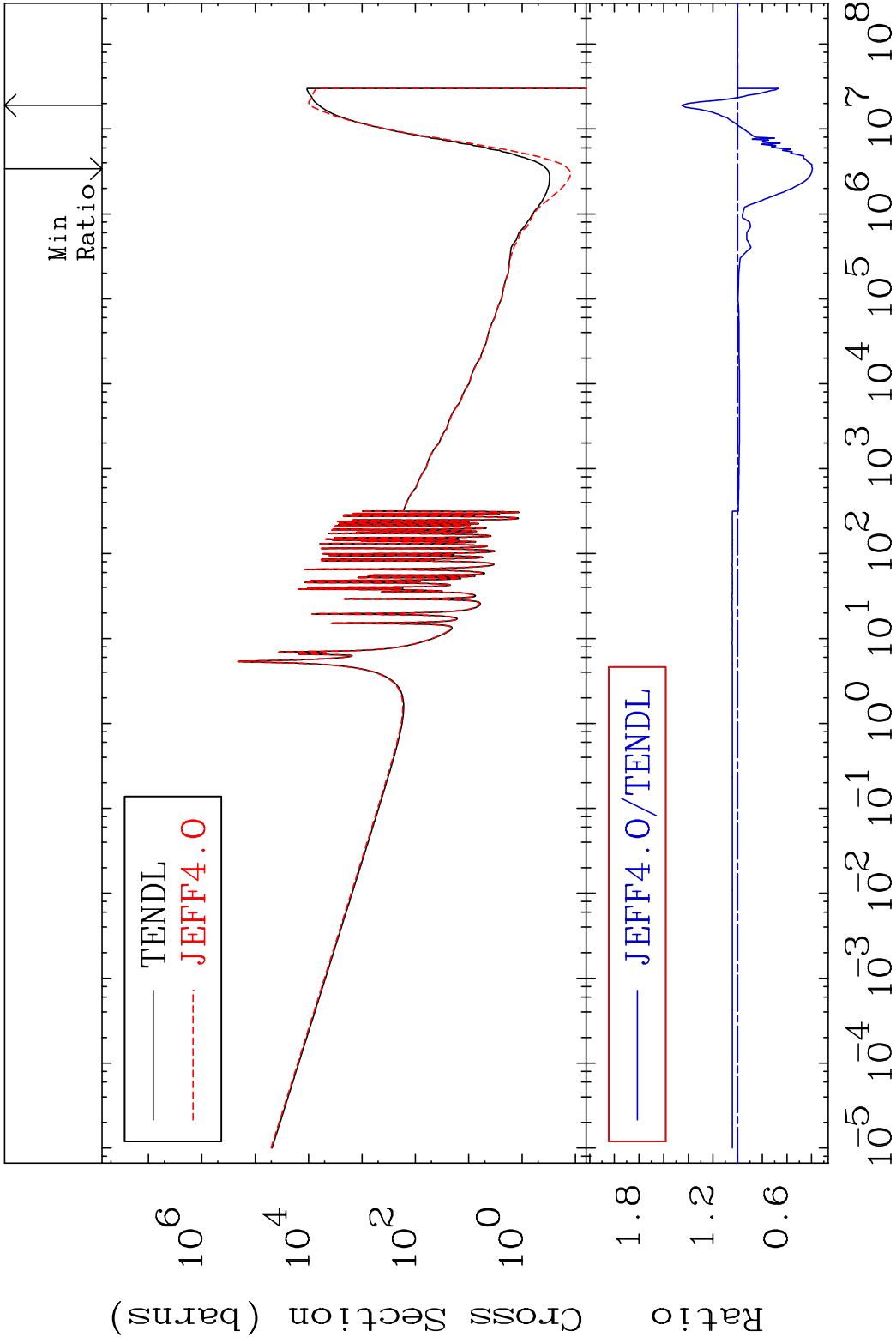
76 Incident Energy (eV) 61-Pm-147

MAT 6149 Dpa inelastic (mt51-91) 61-Pm-147
Cross Section -10.55 To 9999. %



77 Incident Energy (eV) 61-Pm-147

MAT 6149 Dpa disappearance (mt102 -120) 61-Pm-147
Cross Section -60.62 To 45.35 %



78 Incident Energy (eV) 61-Pm-147

