

Program Complot
(Version 2021-1)

by

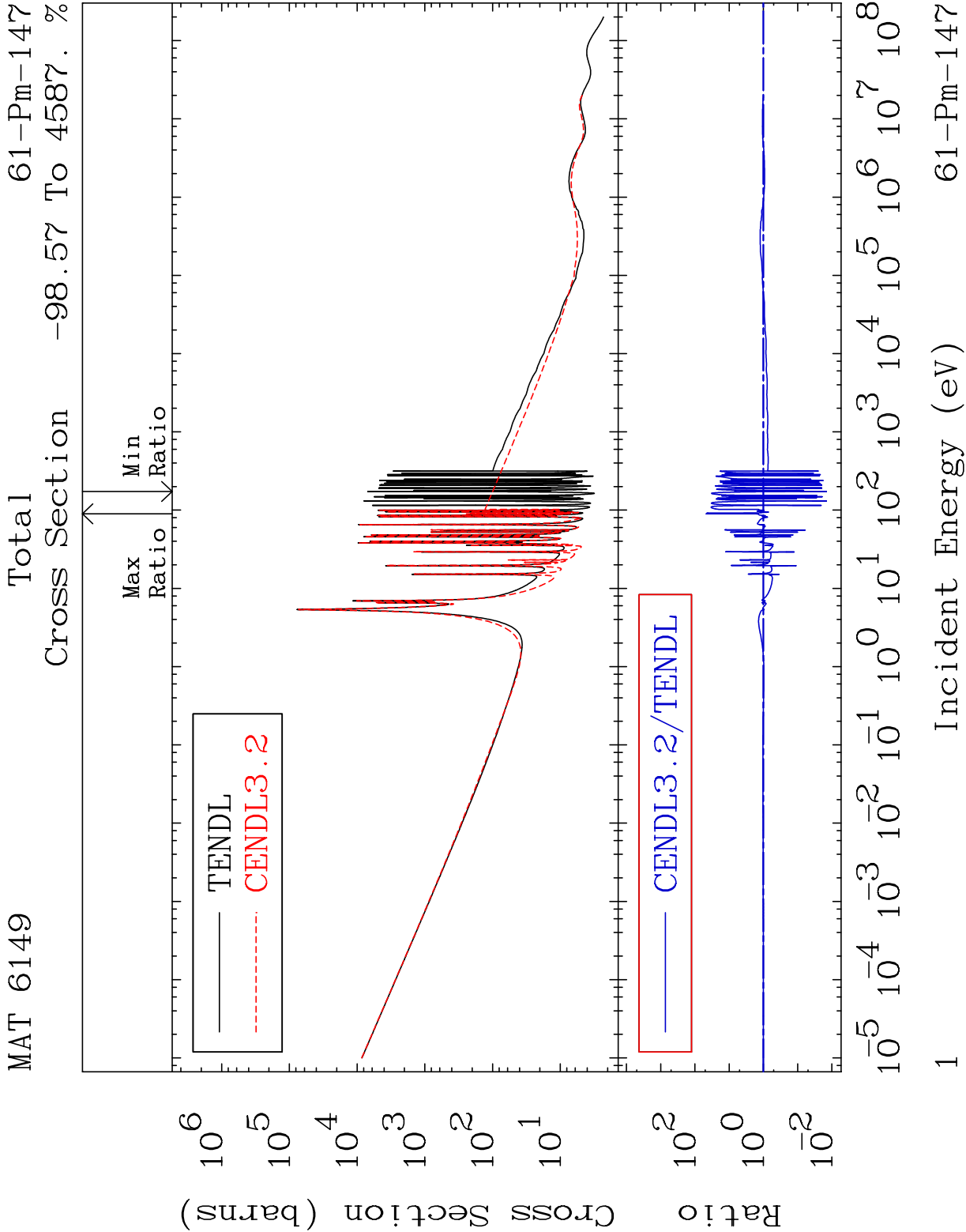
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Press Mouse Button to Start

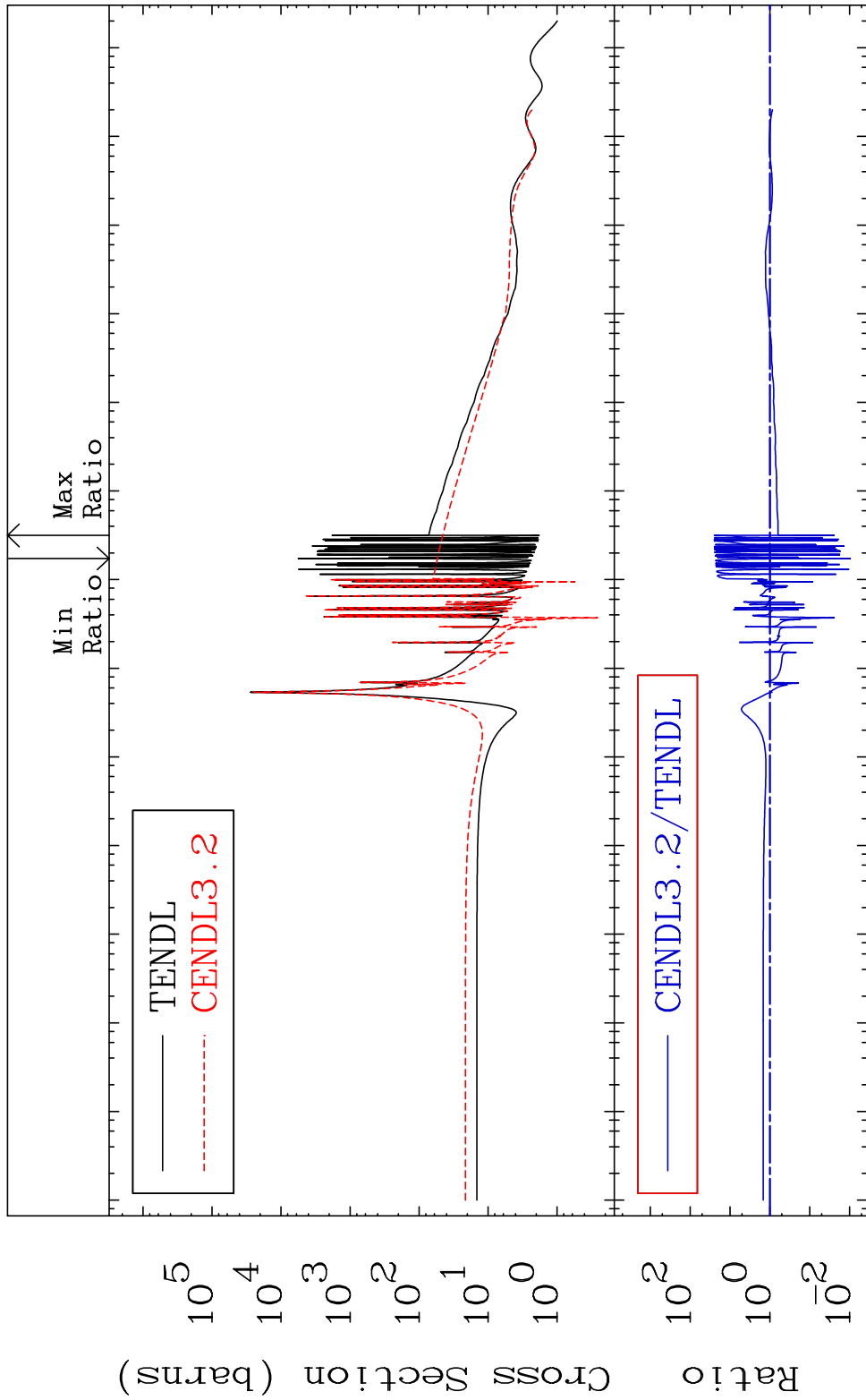


MAT 6149

Elastic

61-Pm-147

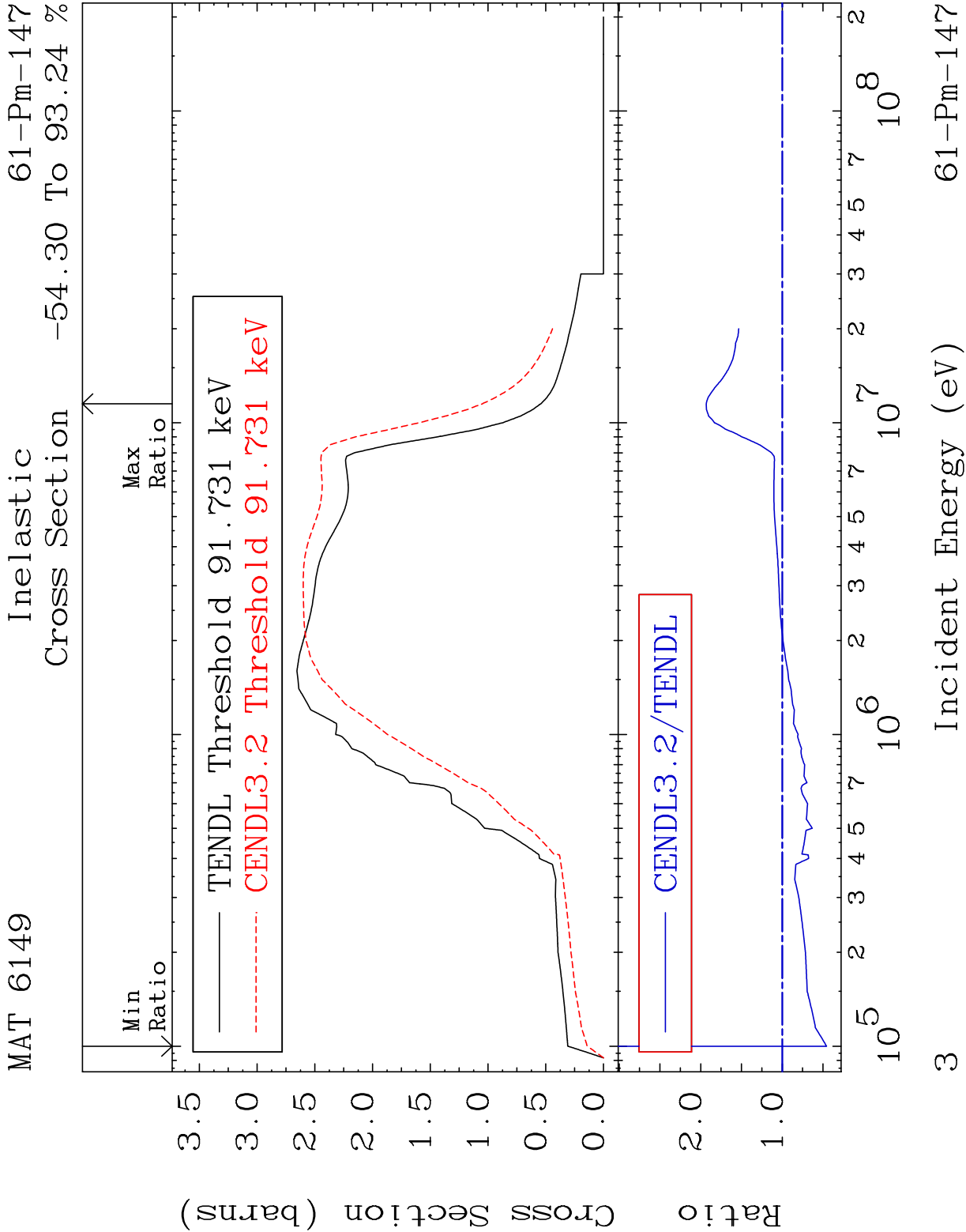
Cross Section -99.04 To 2415. %

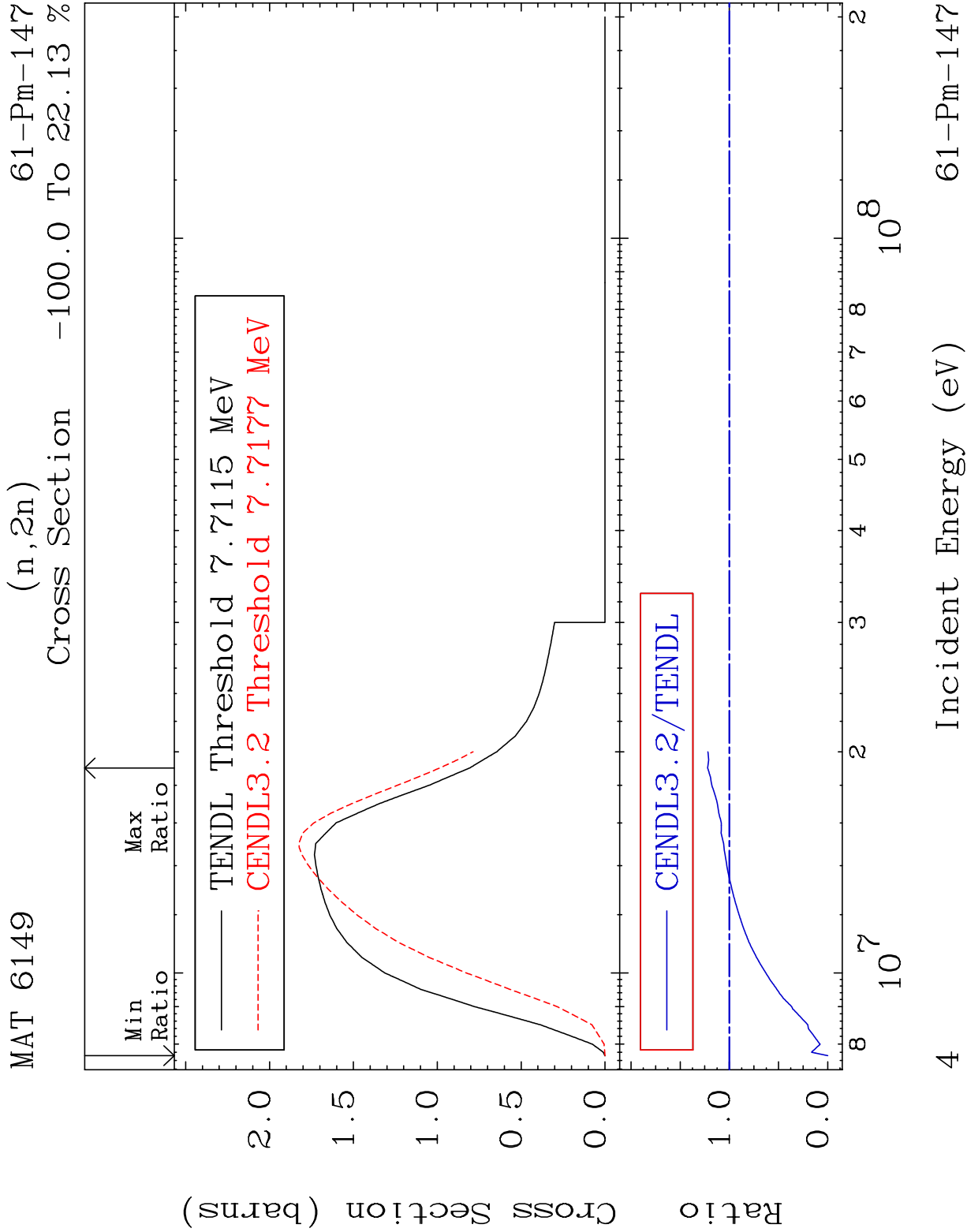


2

Incident Energy (eV)

61-Pm-147



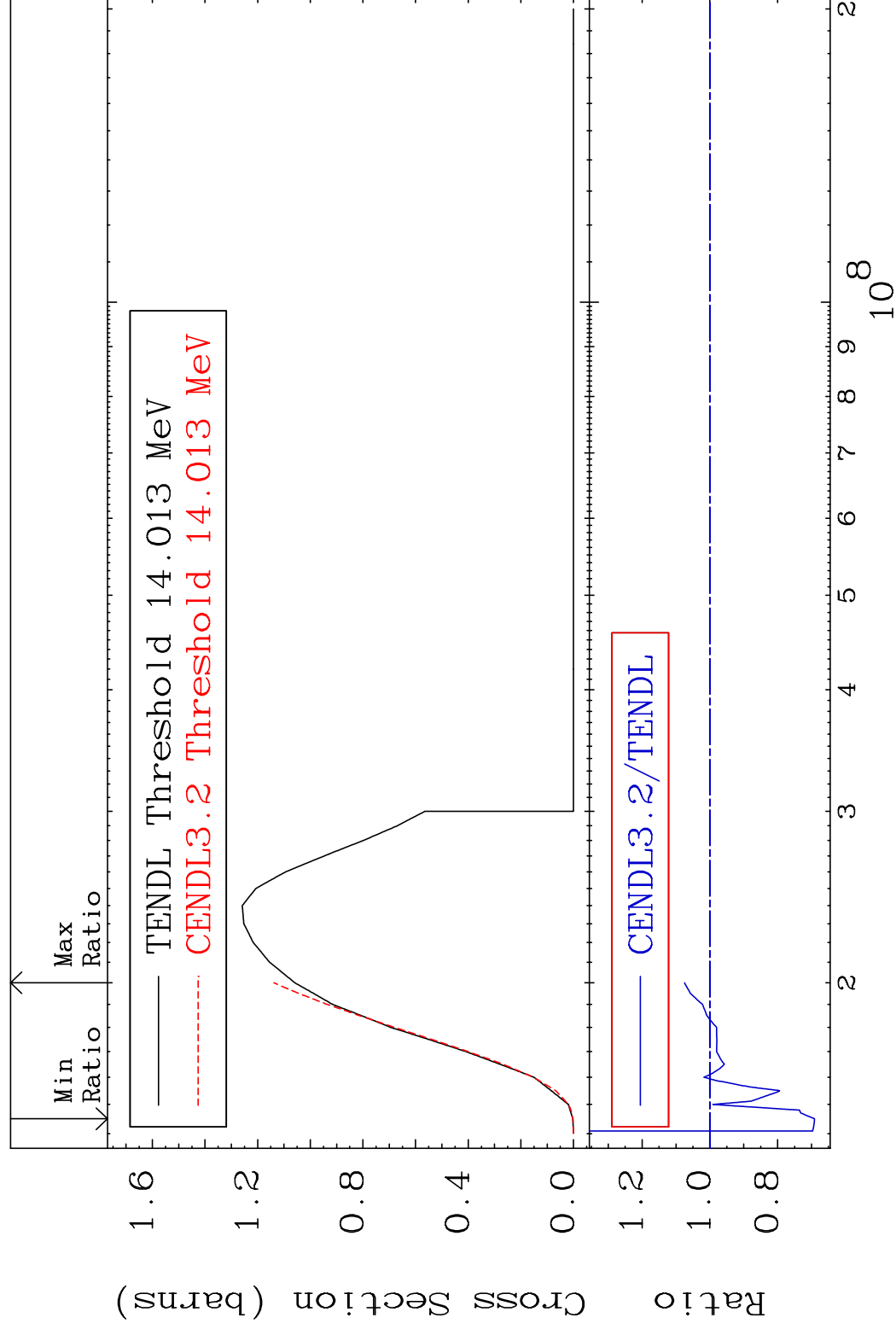


MAT 6149

$$(n, 3n)$$

61-Pm-147

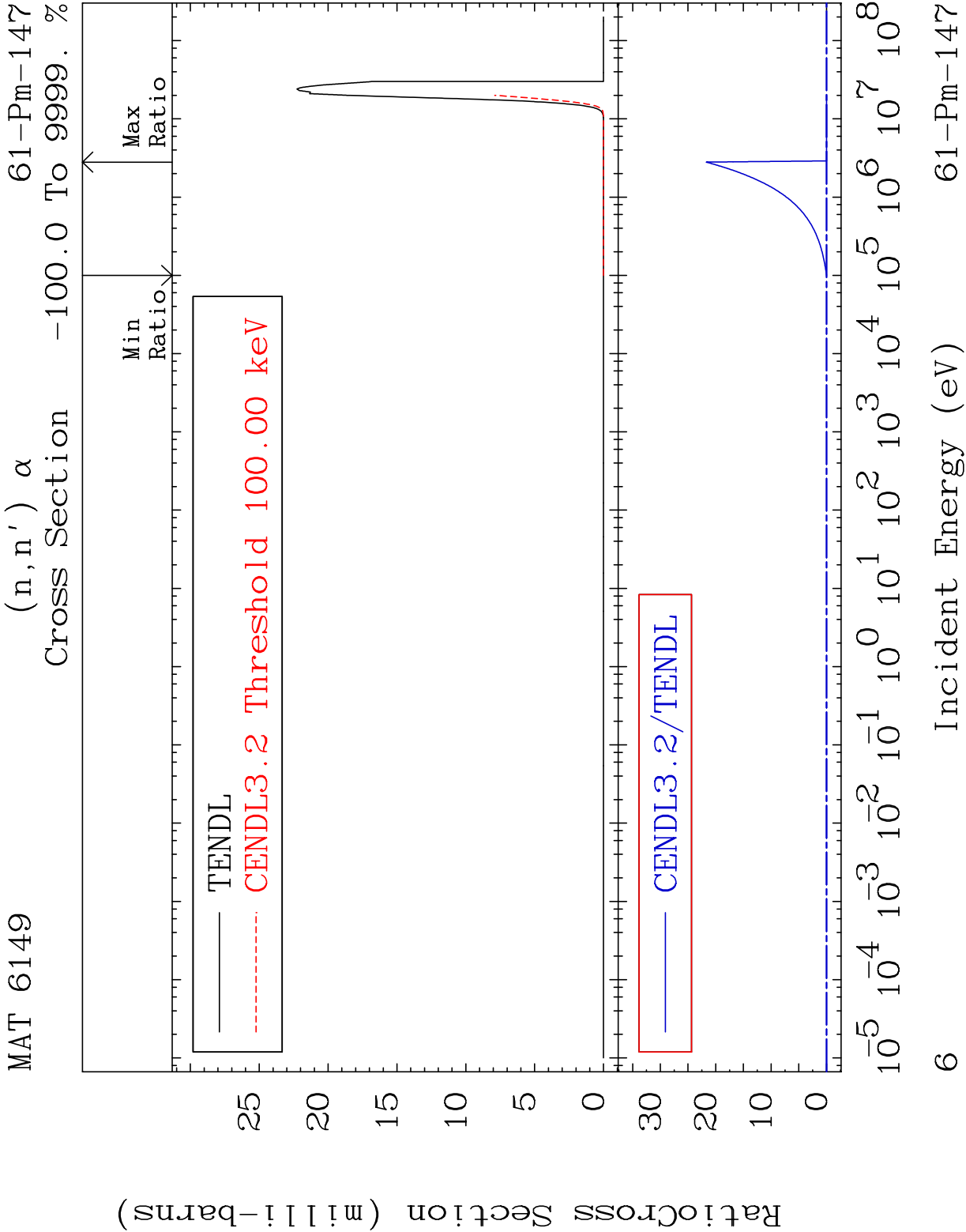
Cross Section -30.86 To 7.502 %

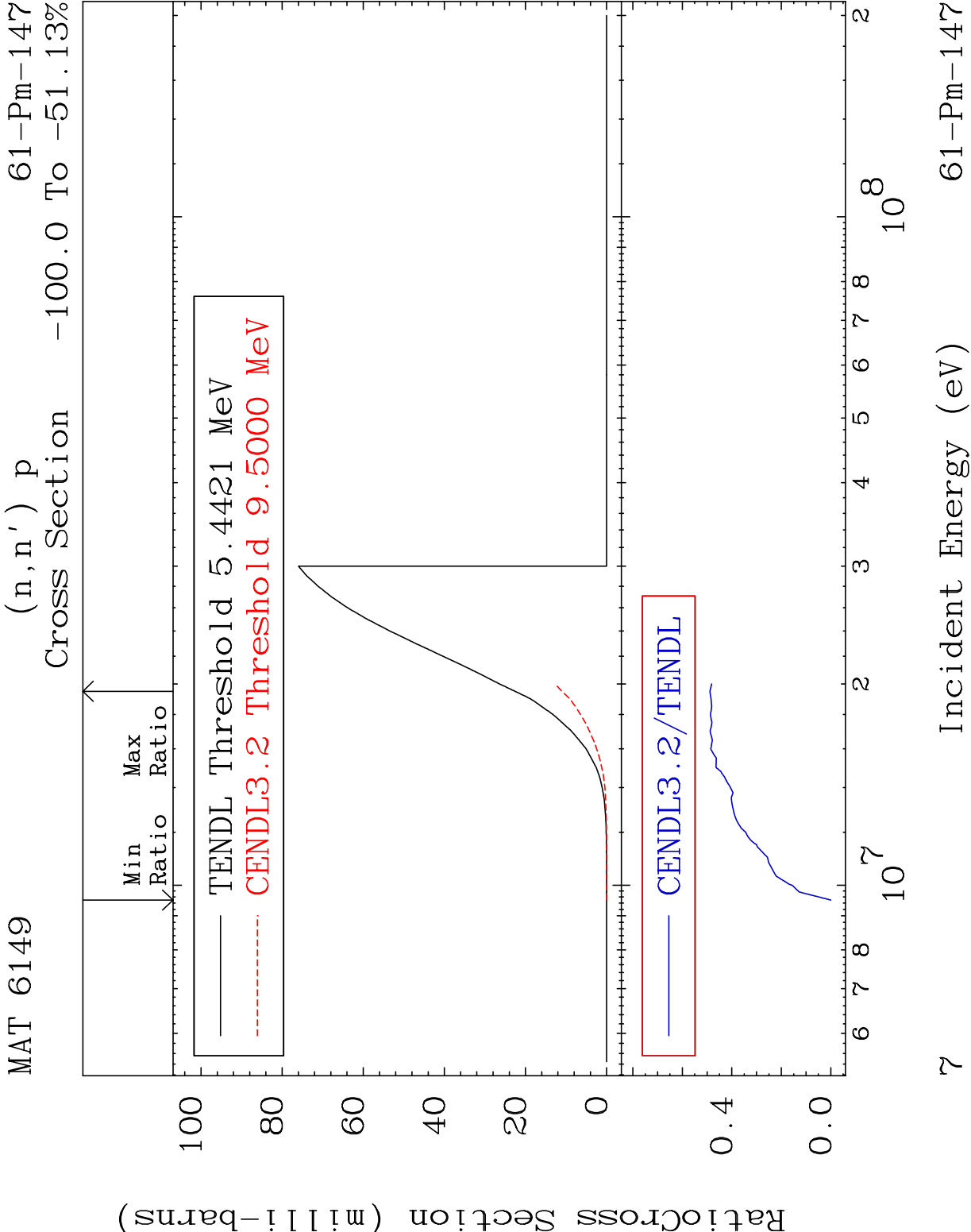


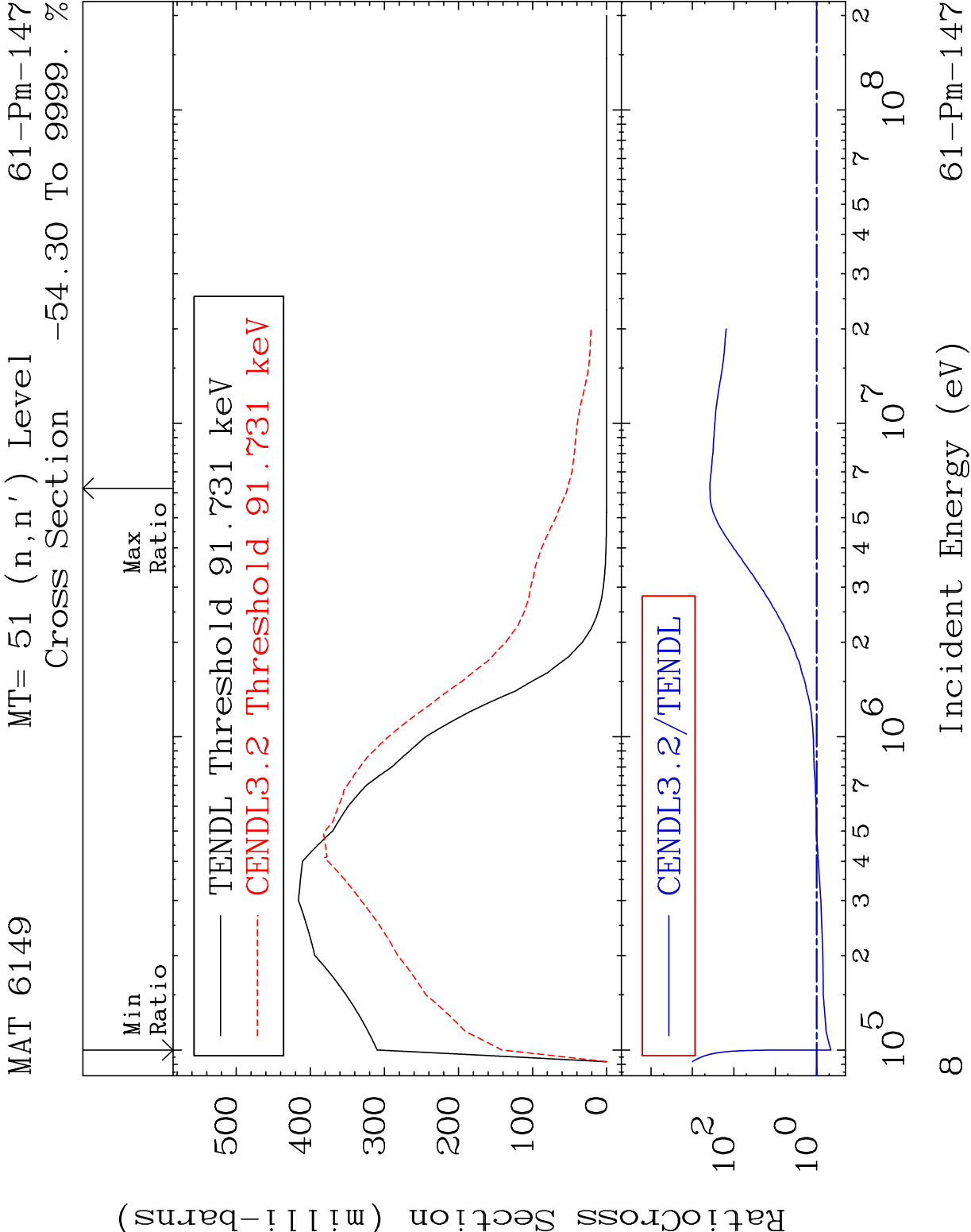
5

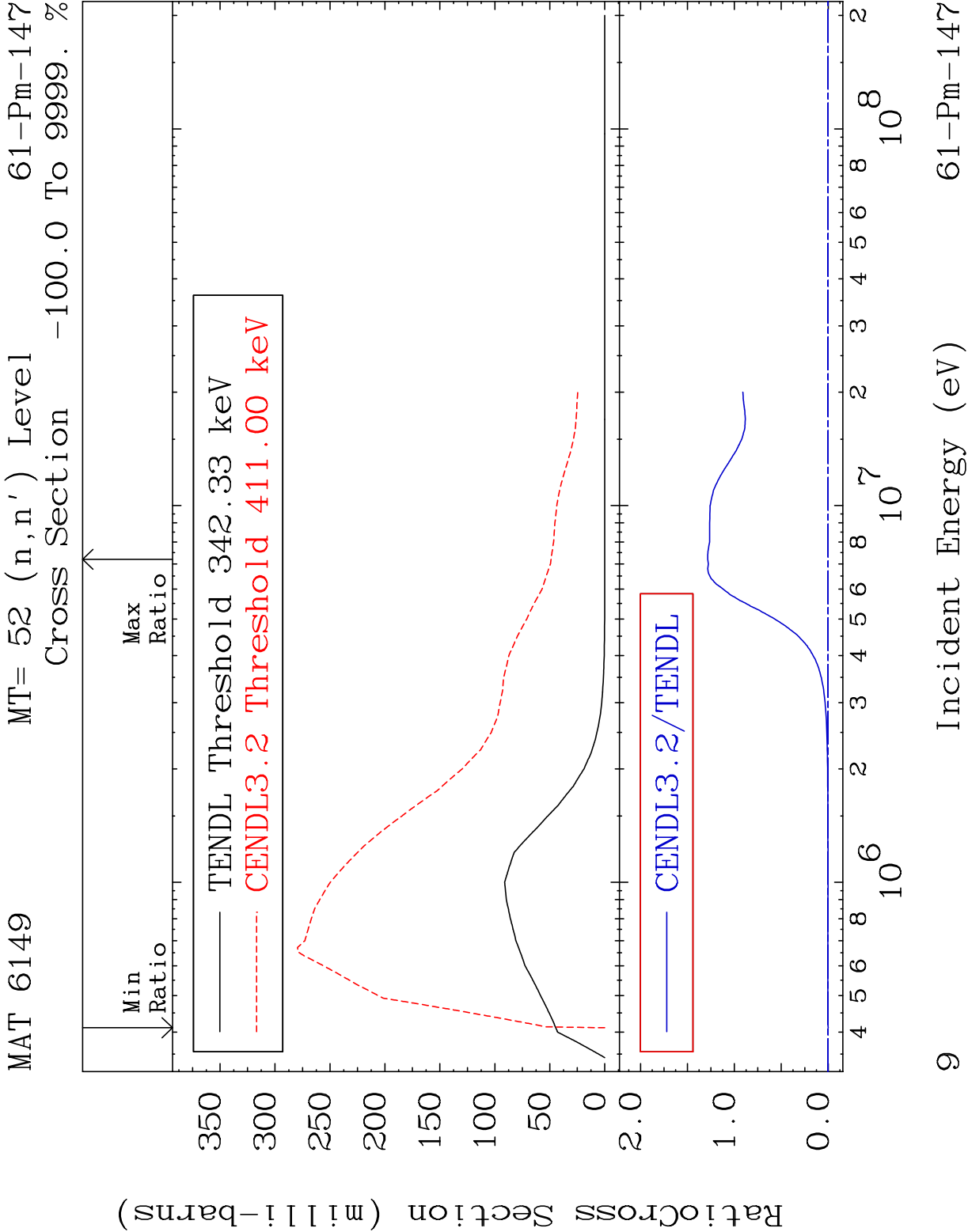
Incident Energy (eV)

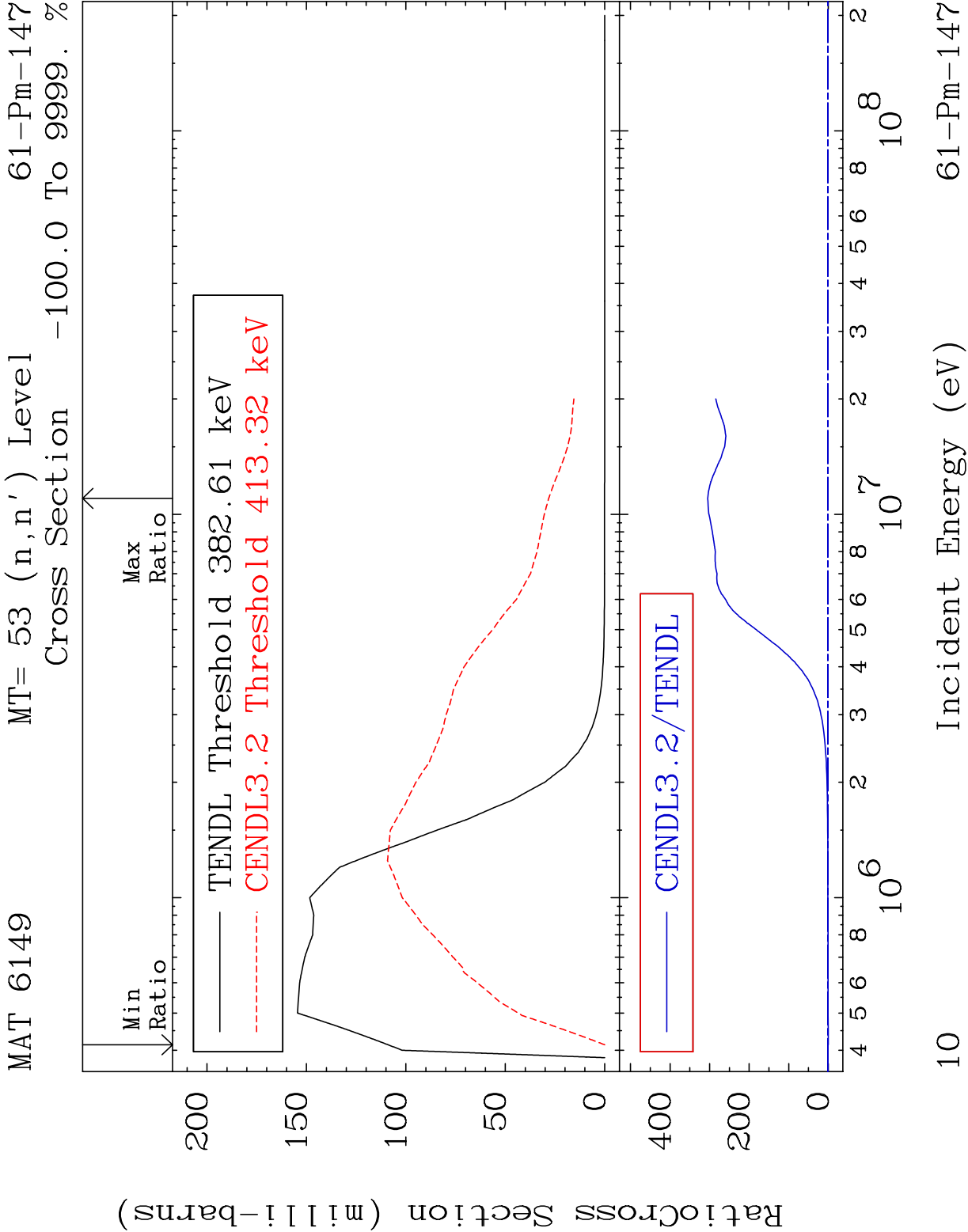
61-Pm-147



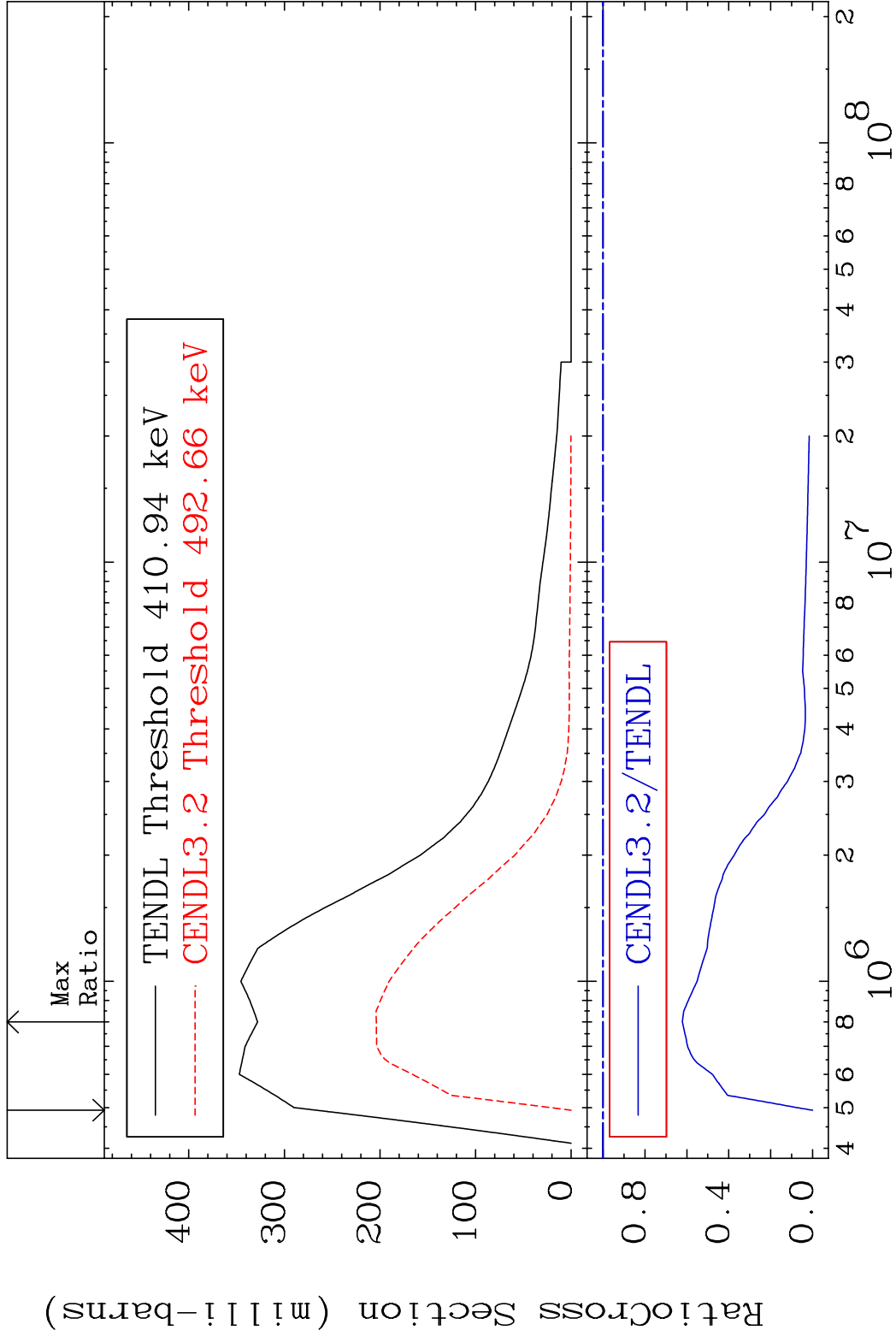


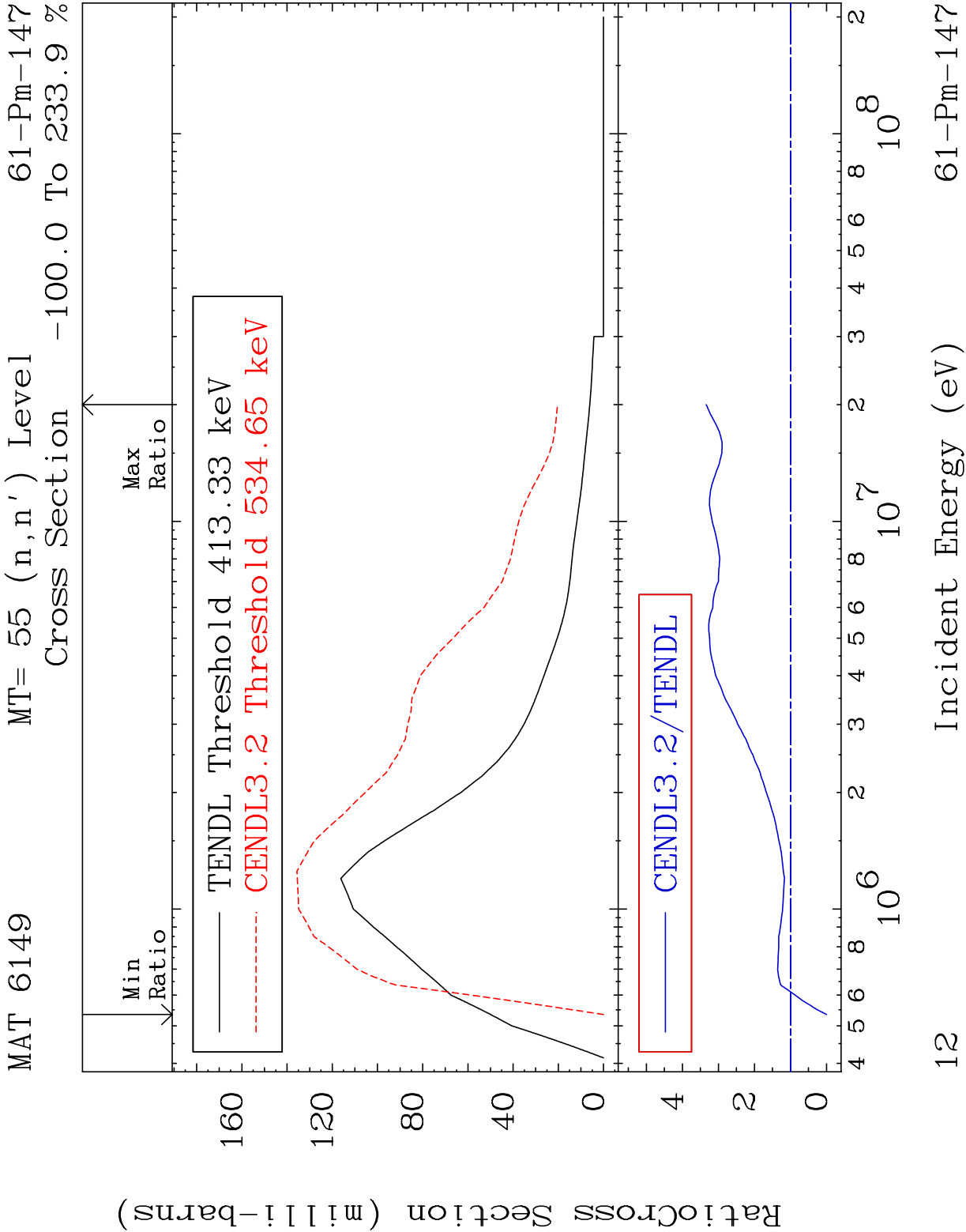






MAT 6149 MT= 54 (n,n') Level 61-Pm-147
Cross Section -100.0 To -37.85%





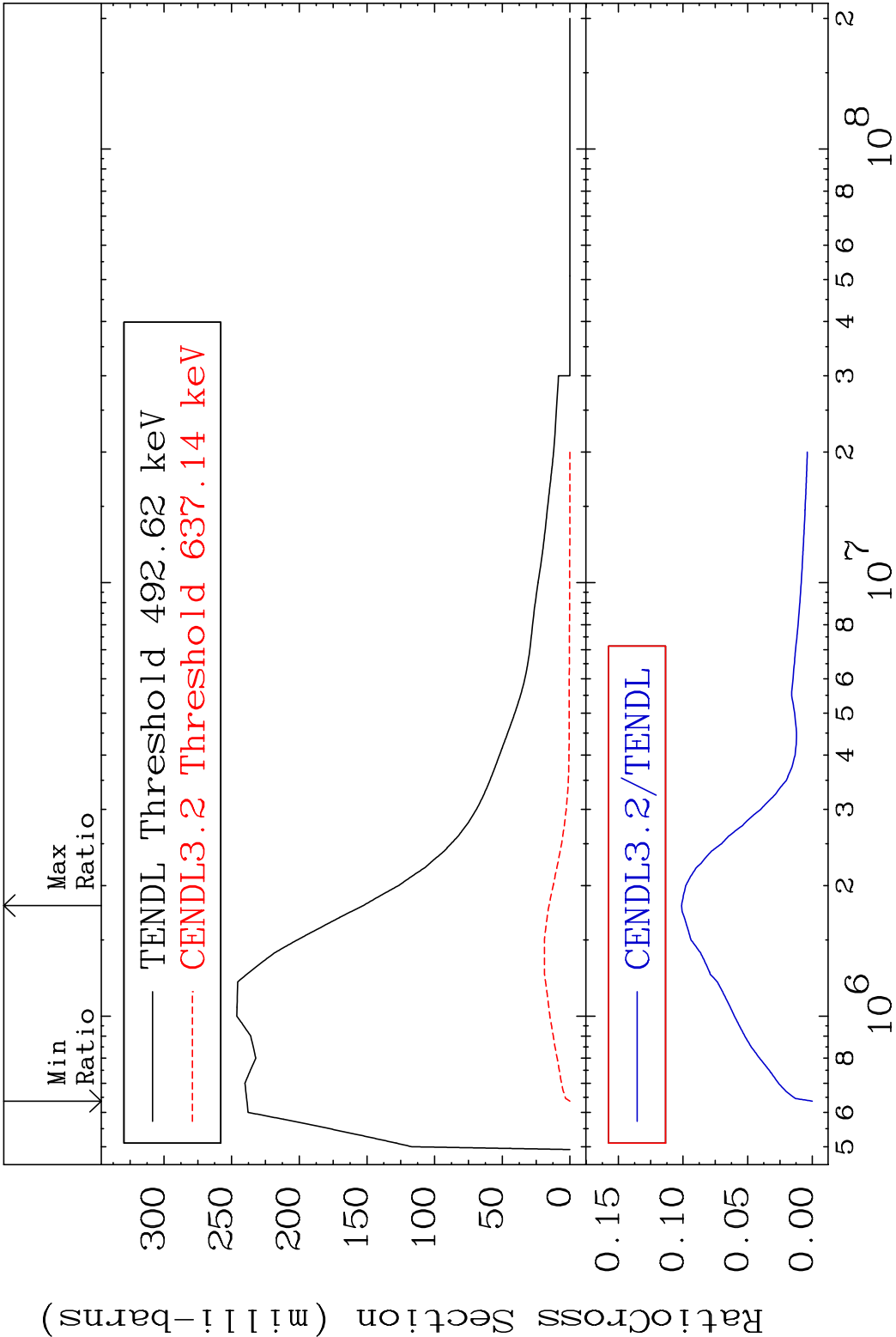
MAT 6149

MT= 56 (n,n') Level

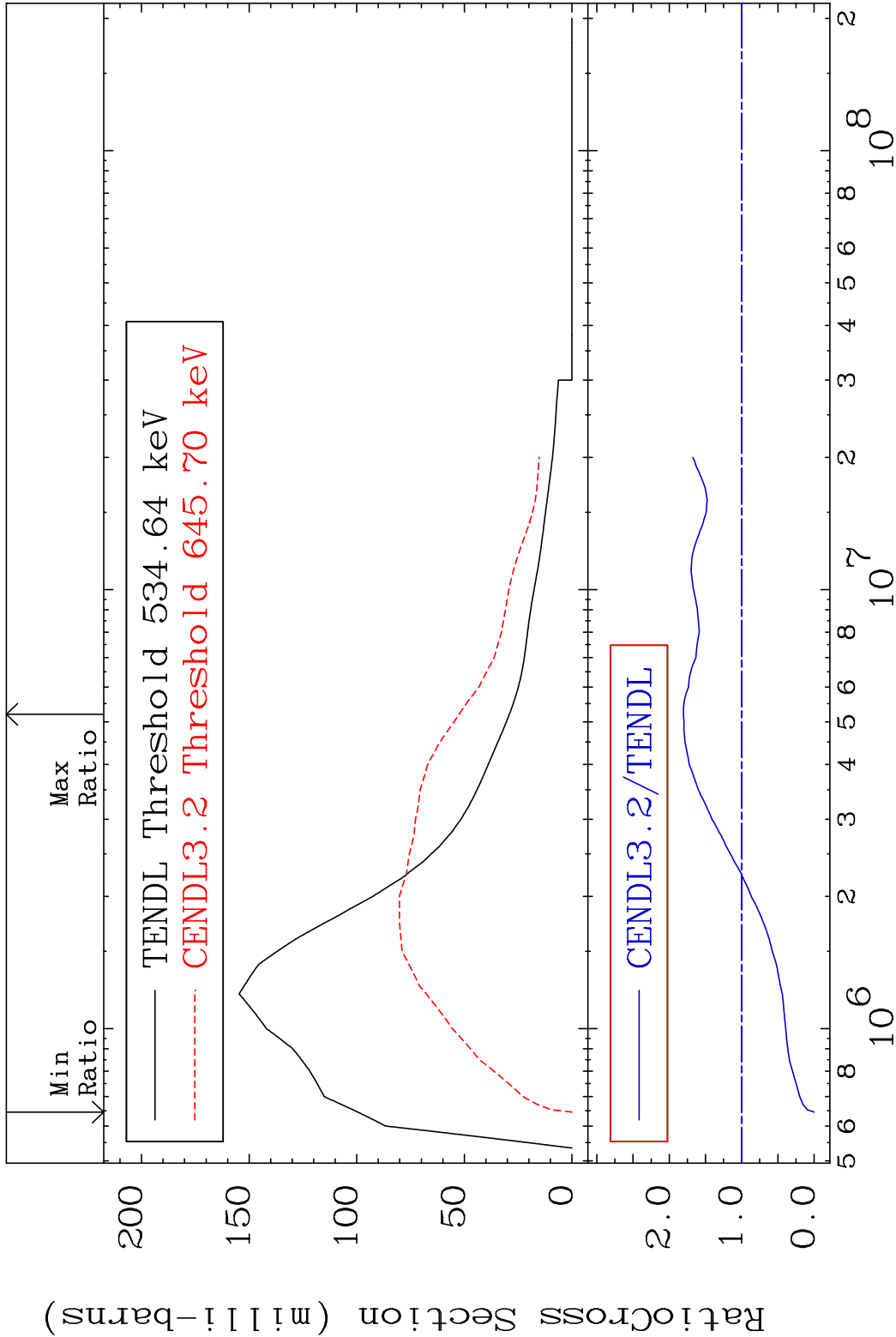
61-Pm-147

Cross Section

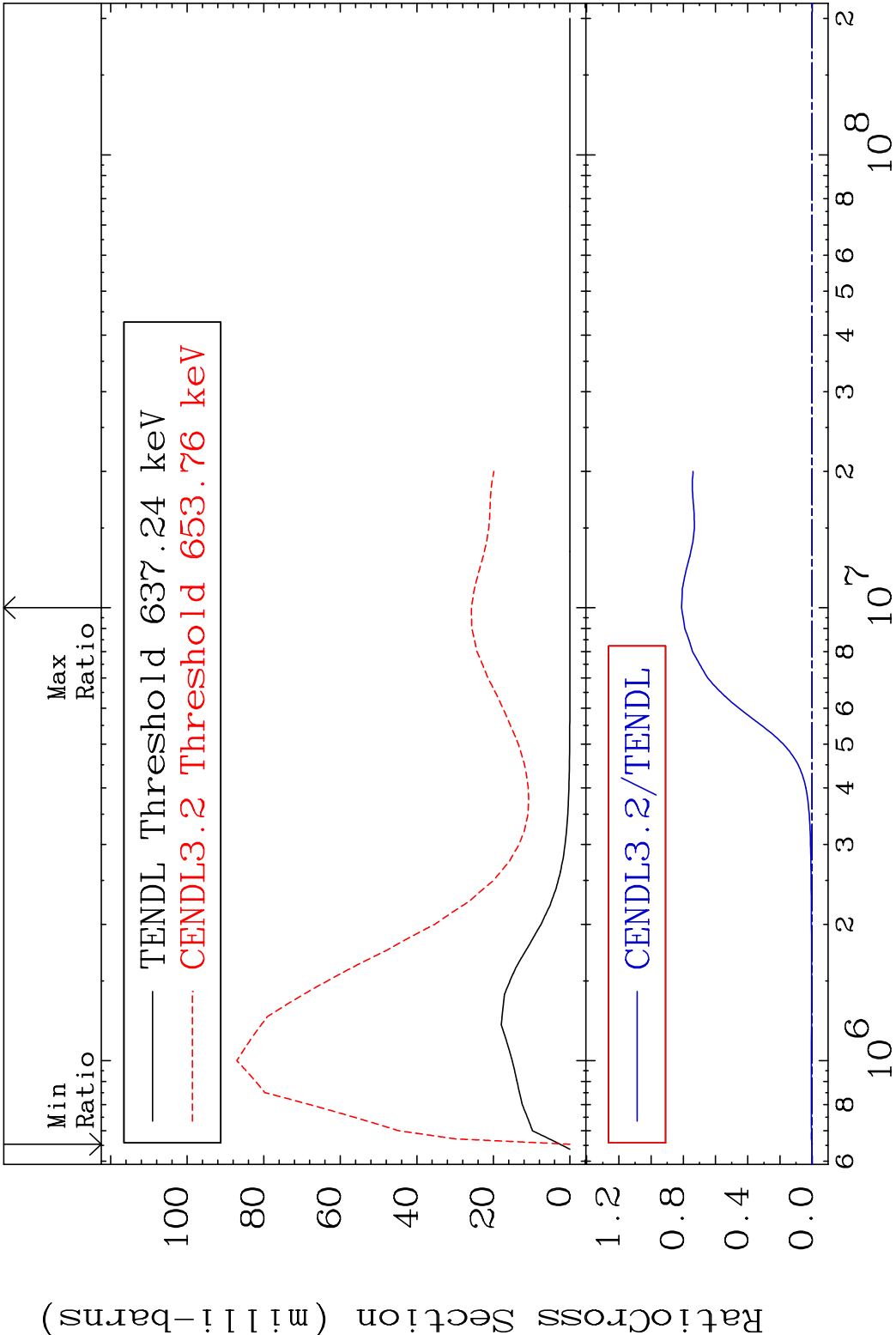
-100.0 To -89.89%



MAT 6149 MT= 57 (n,n') Level 61-Pm-147
Cross Section -100.0 To 80.36 %



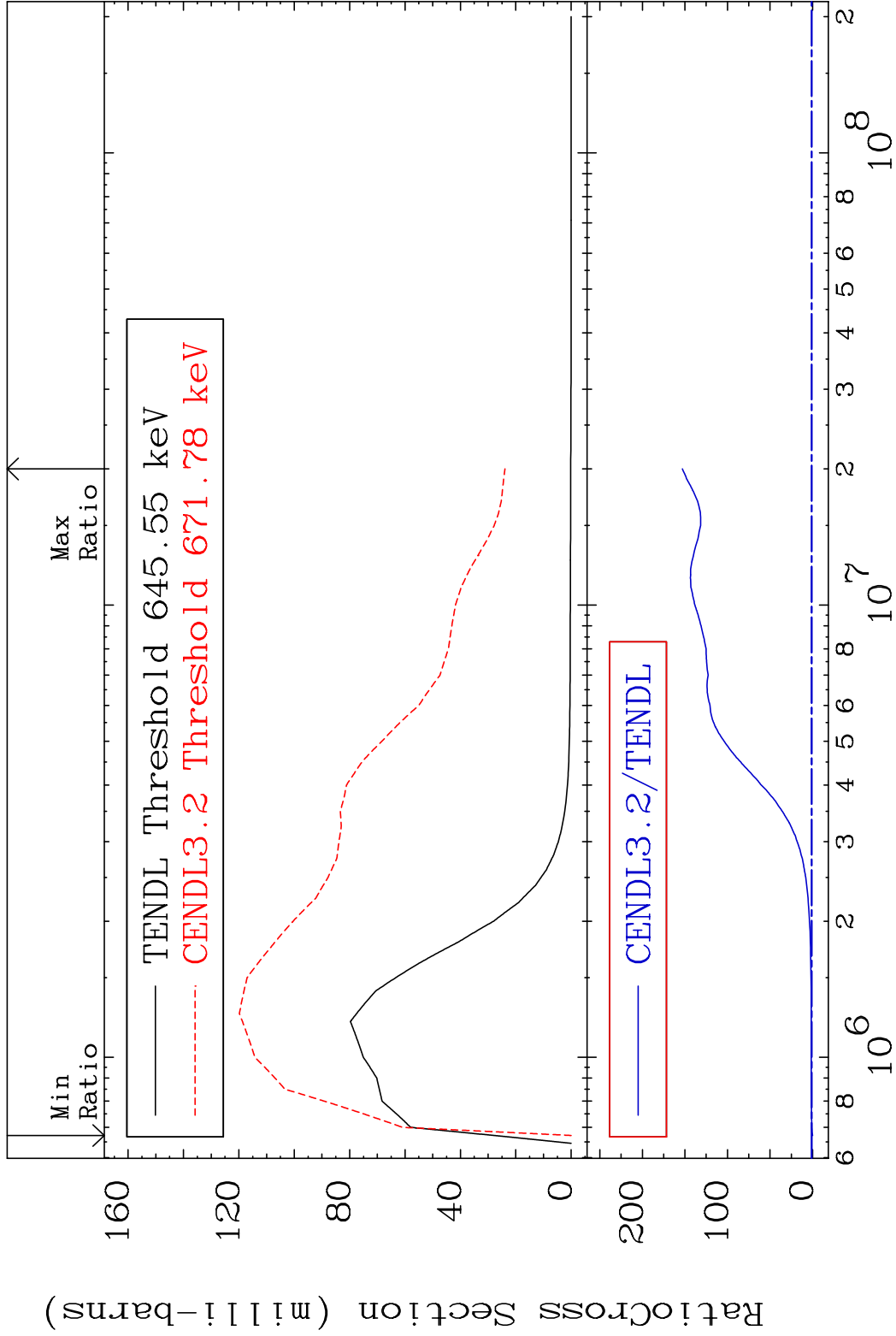
MAT 6149	MT= 58 (n,n')	Level	61-Pm-147
	Cross Section	-100.0 To 9999. %	



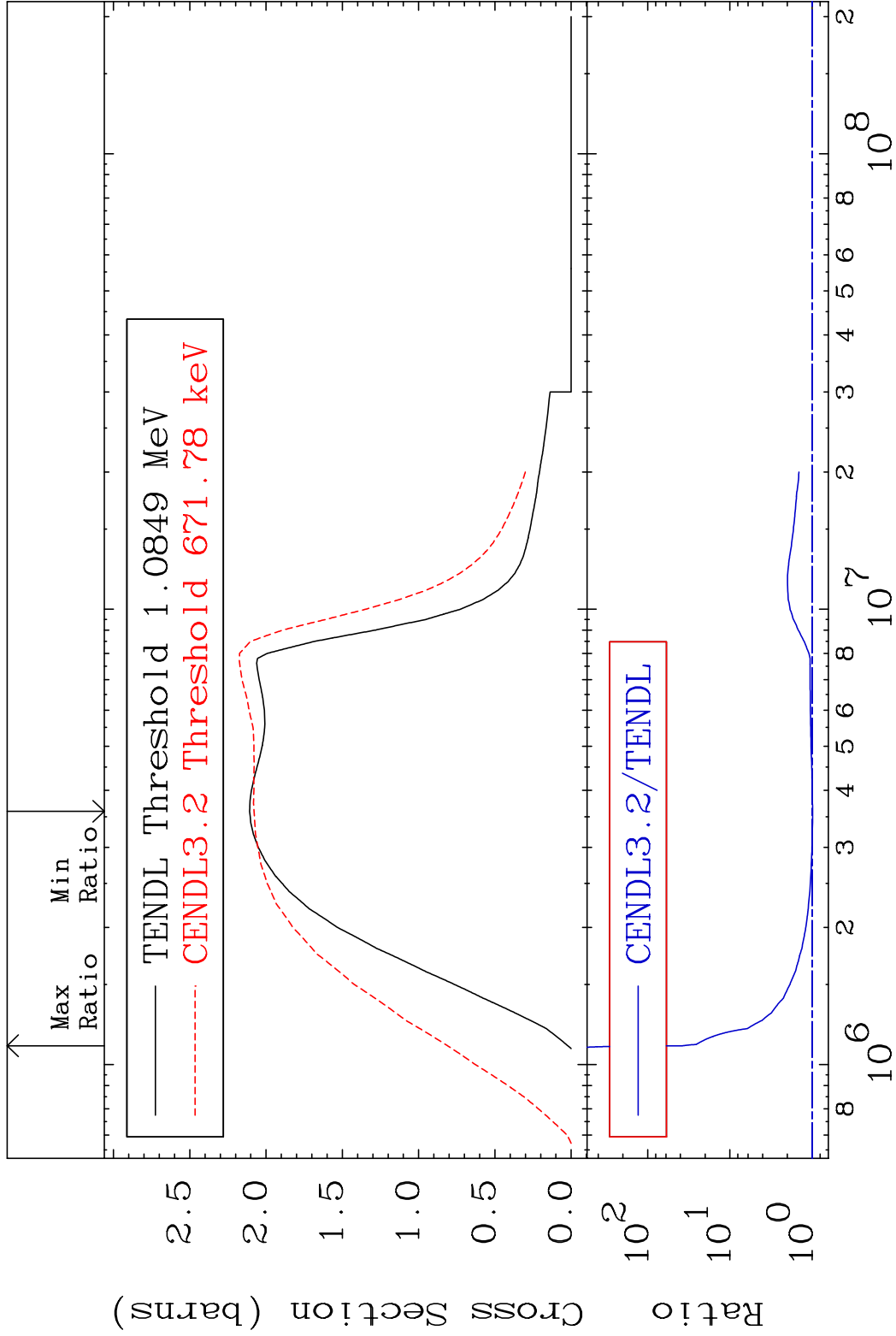
15	Incident Energy (eV)	61-Pm-147
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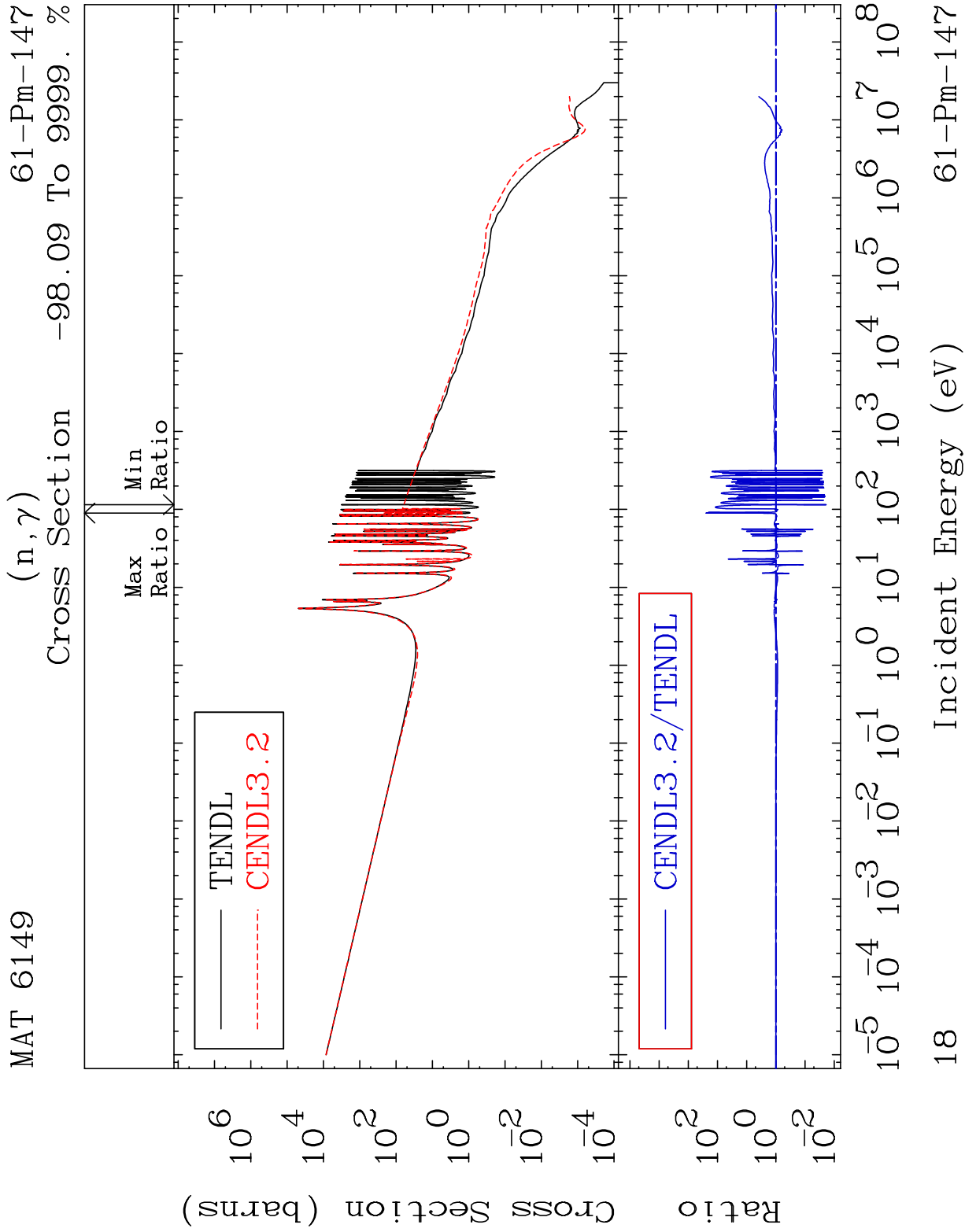
MAT 6149 MT= 59 (n,n') Level 61-Pm-147

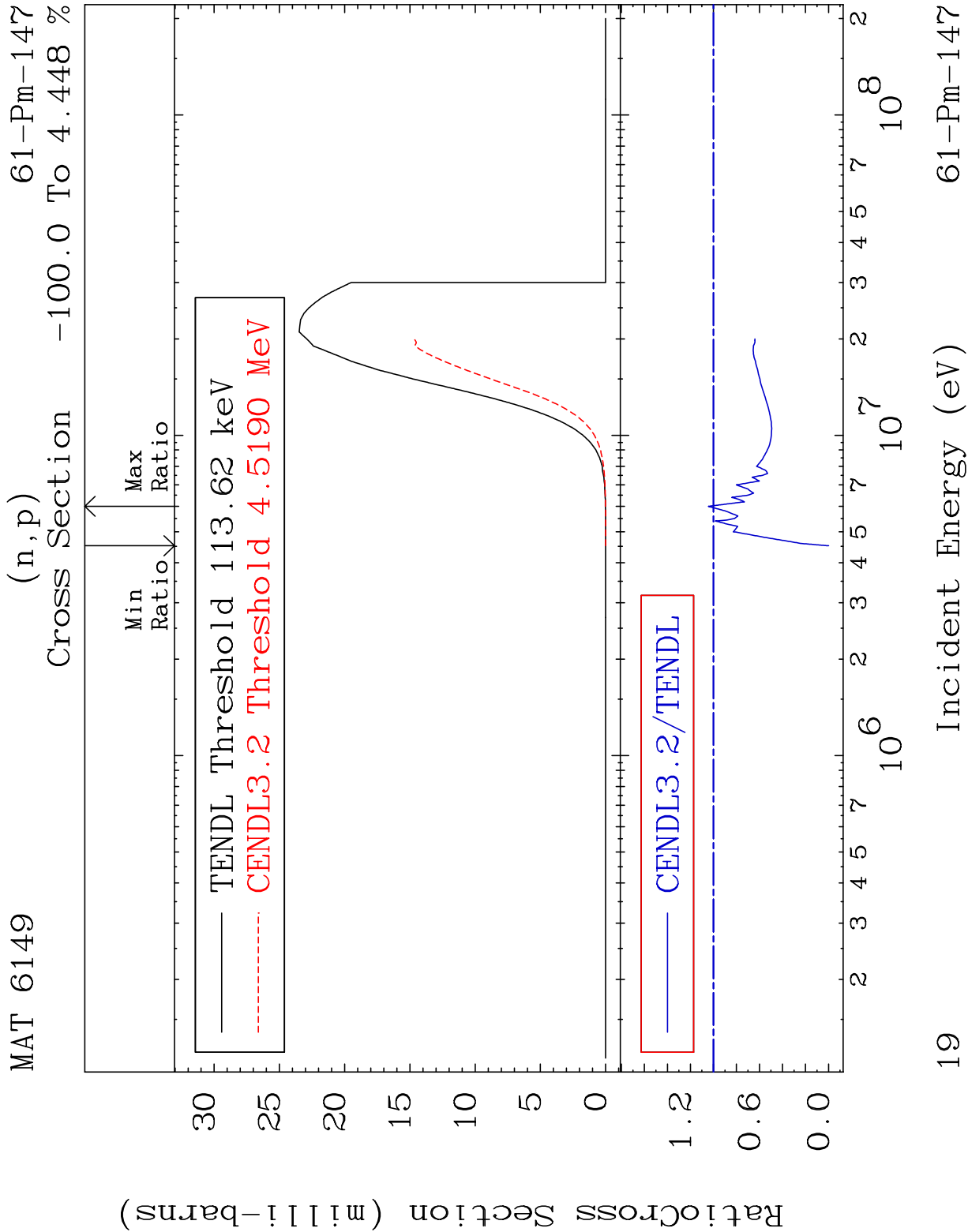
Cross Section -100.0 To 9999. %

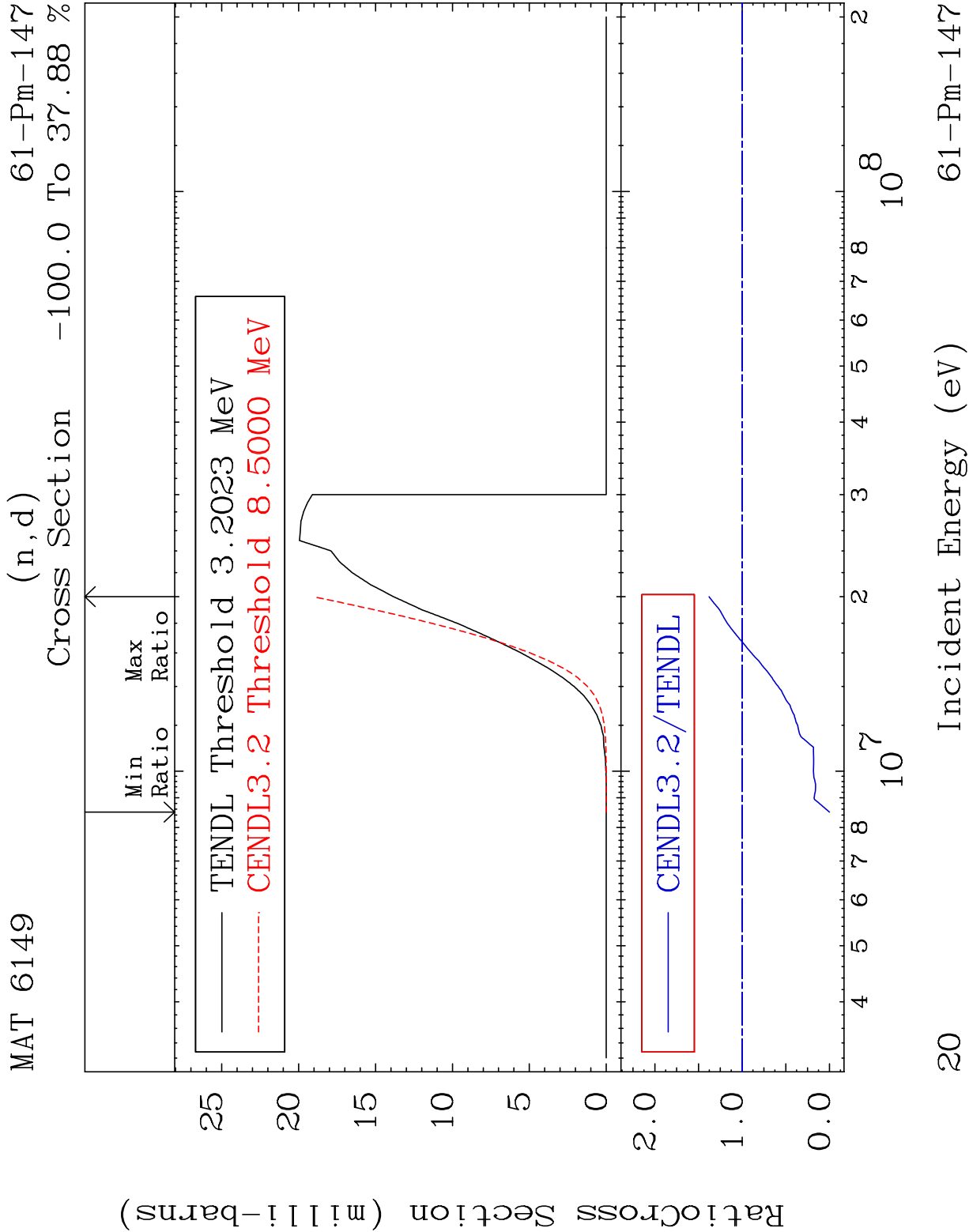


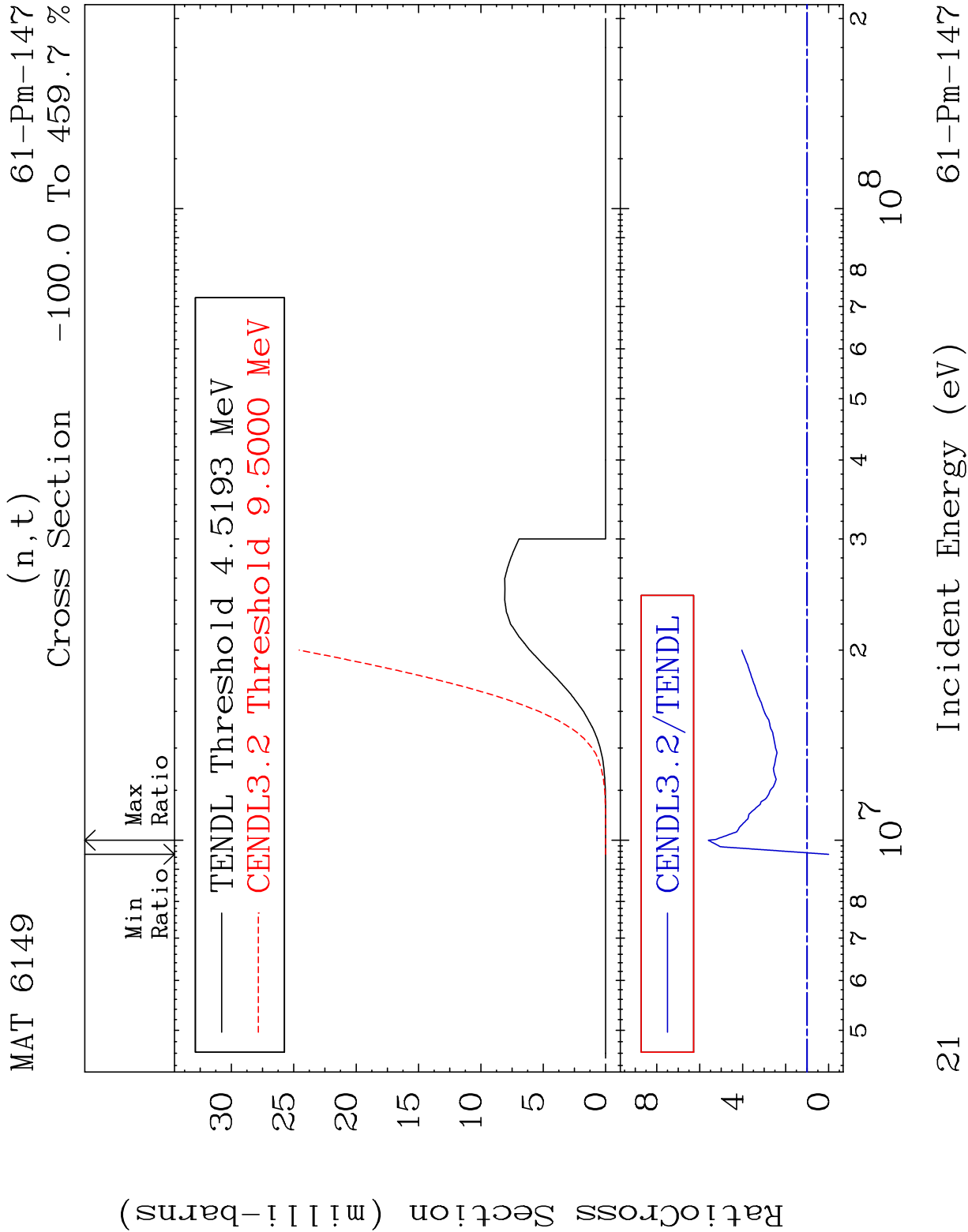
16 Incident Energy (eV) 61-Pm-147

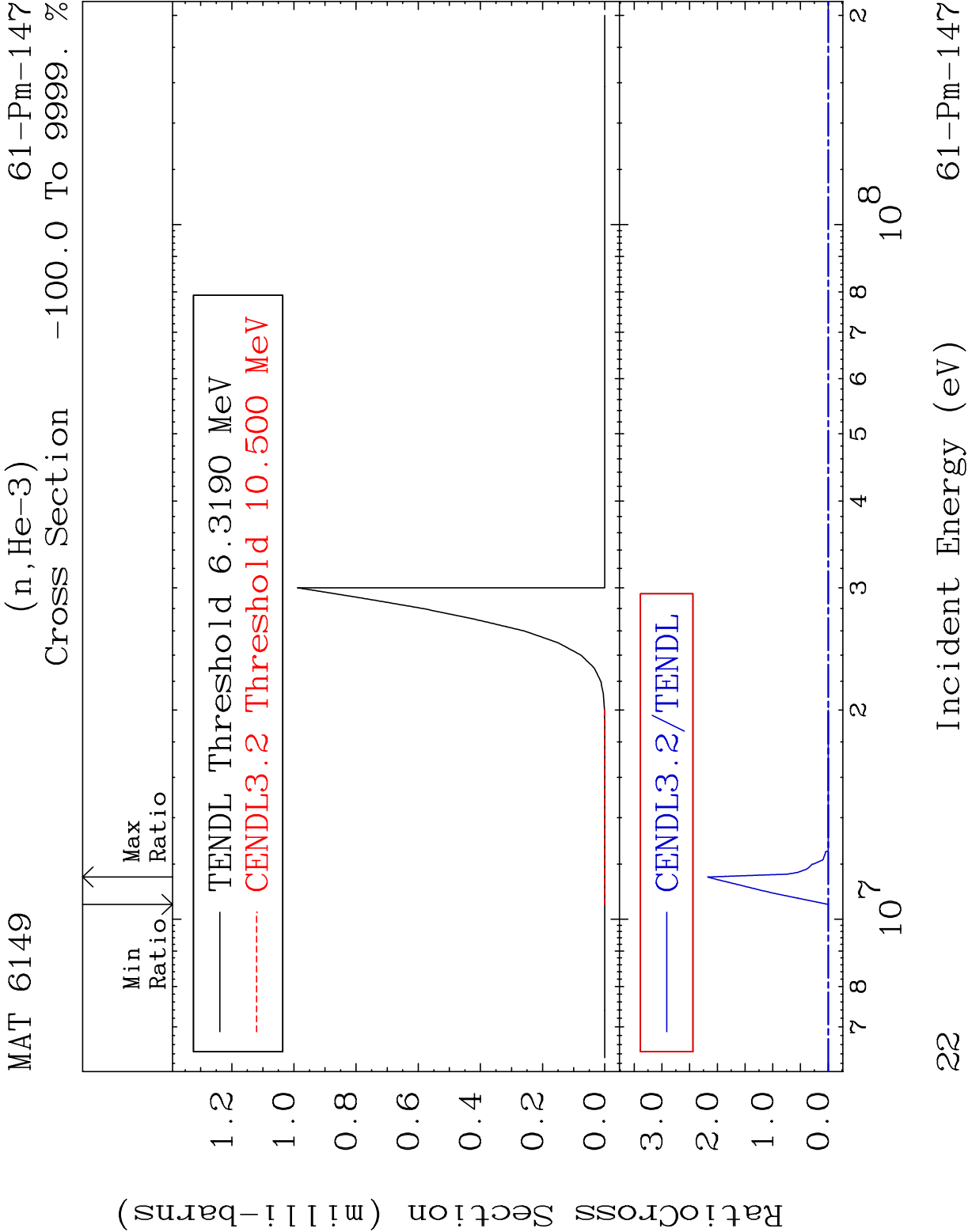






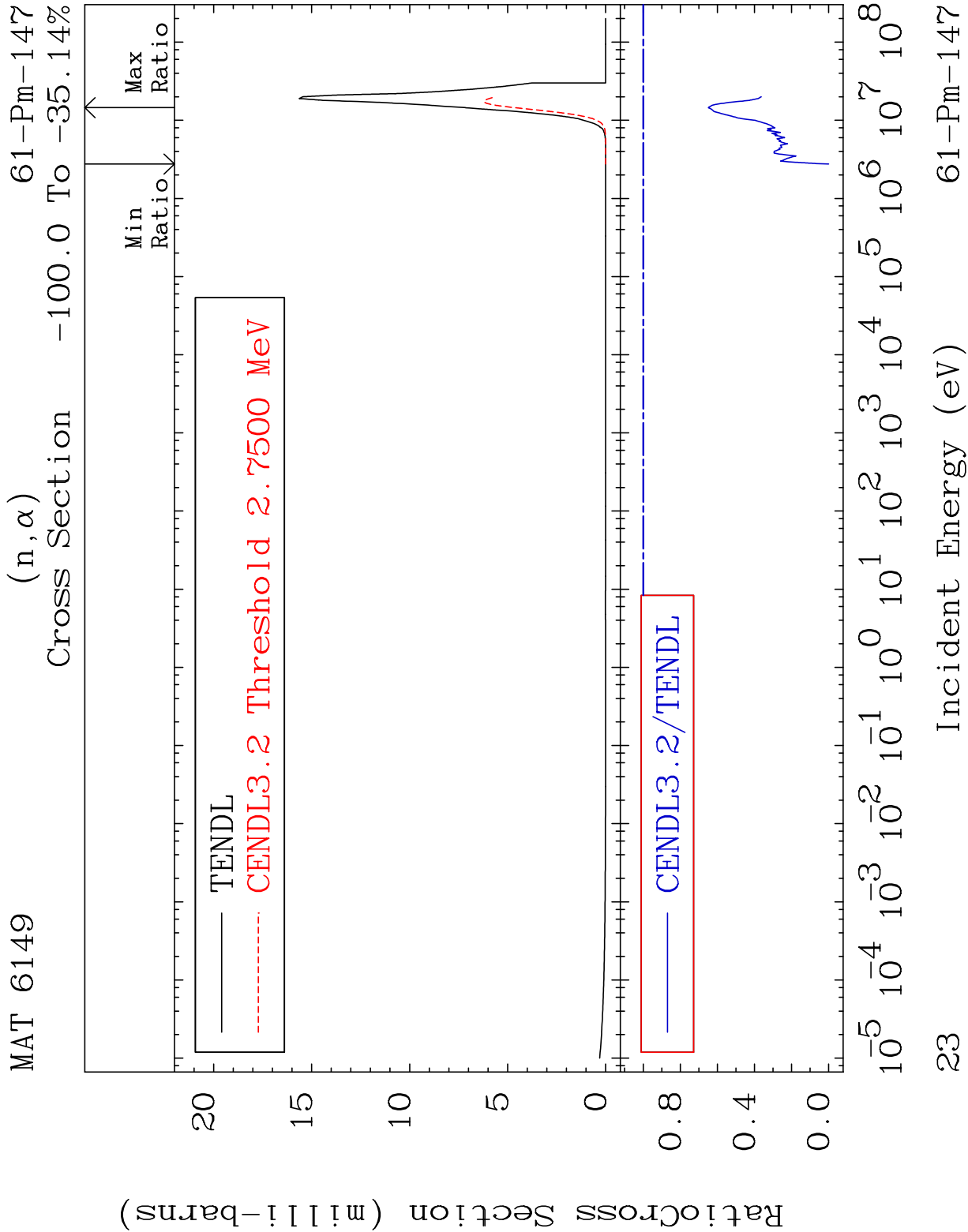


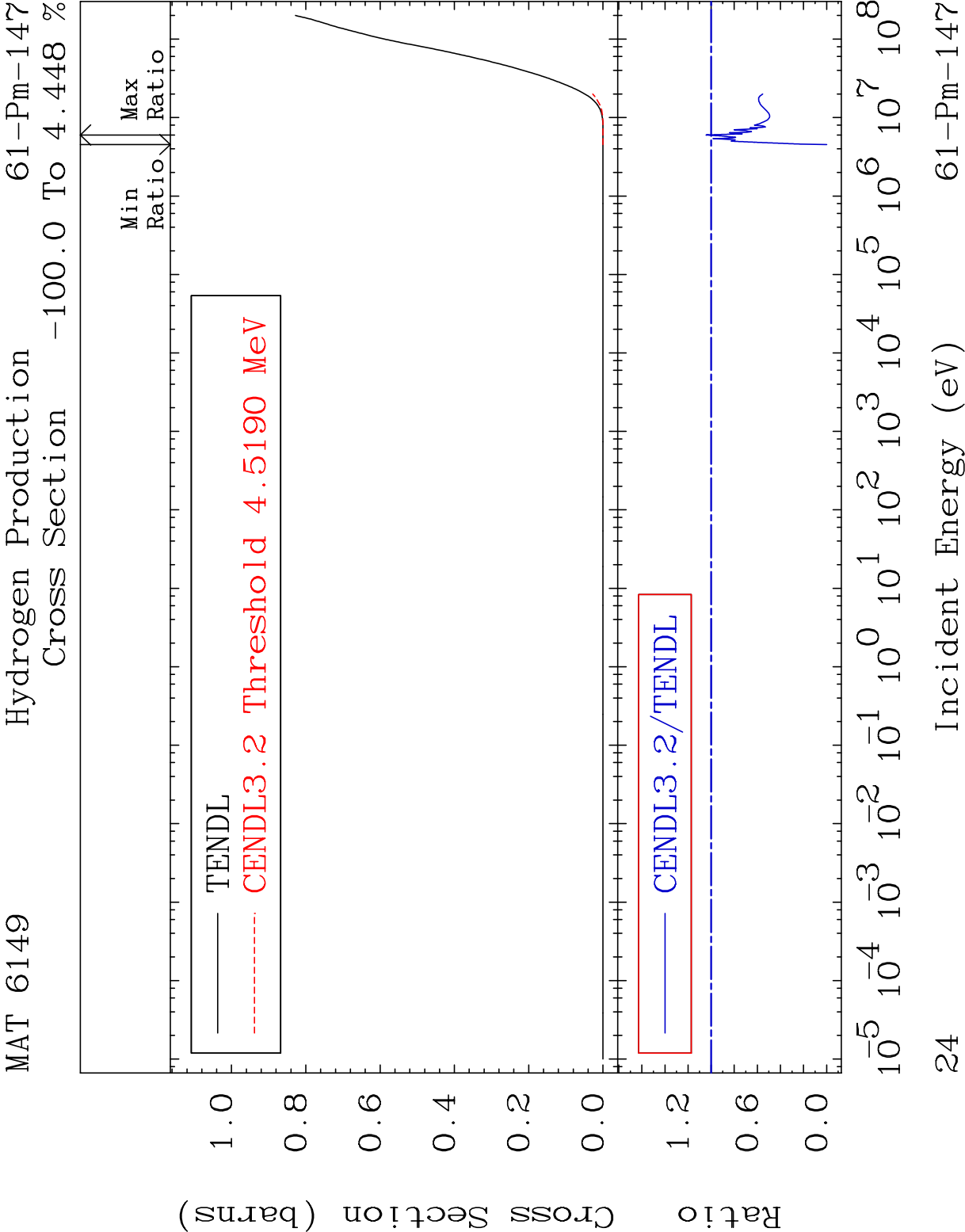


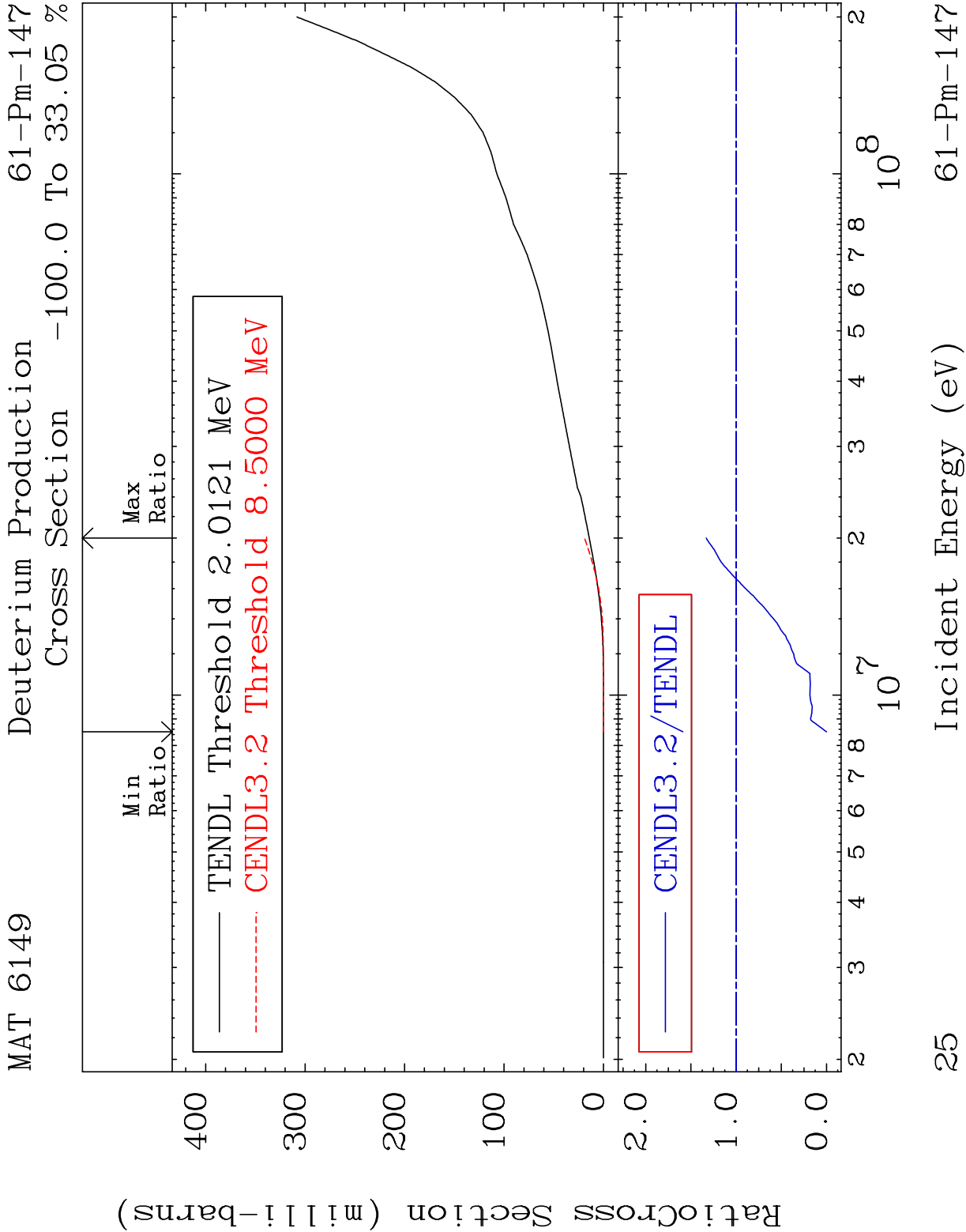


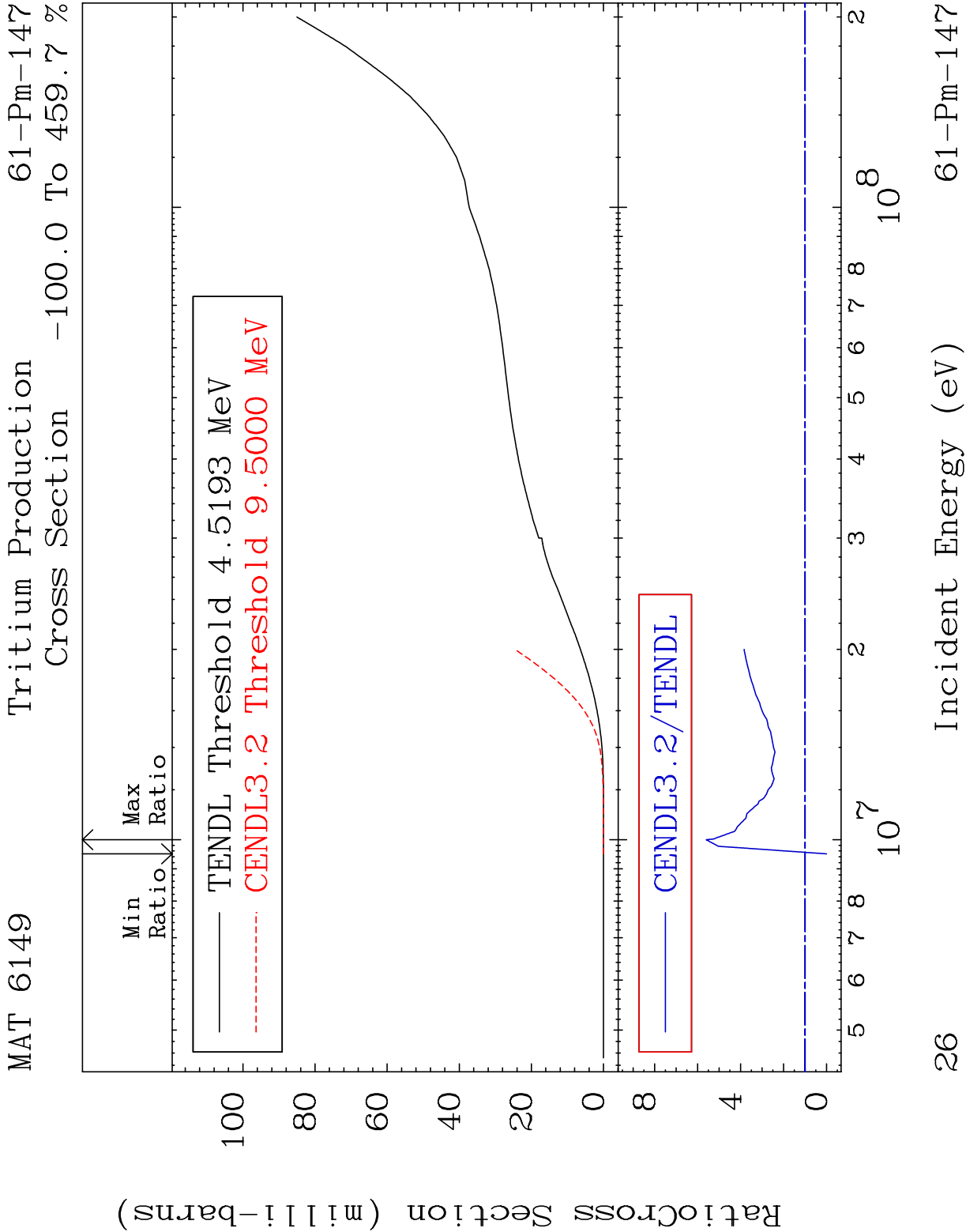
22

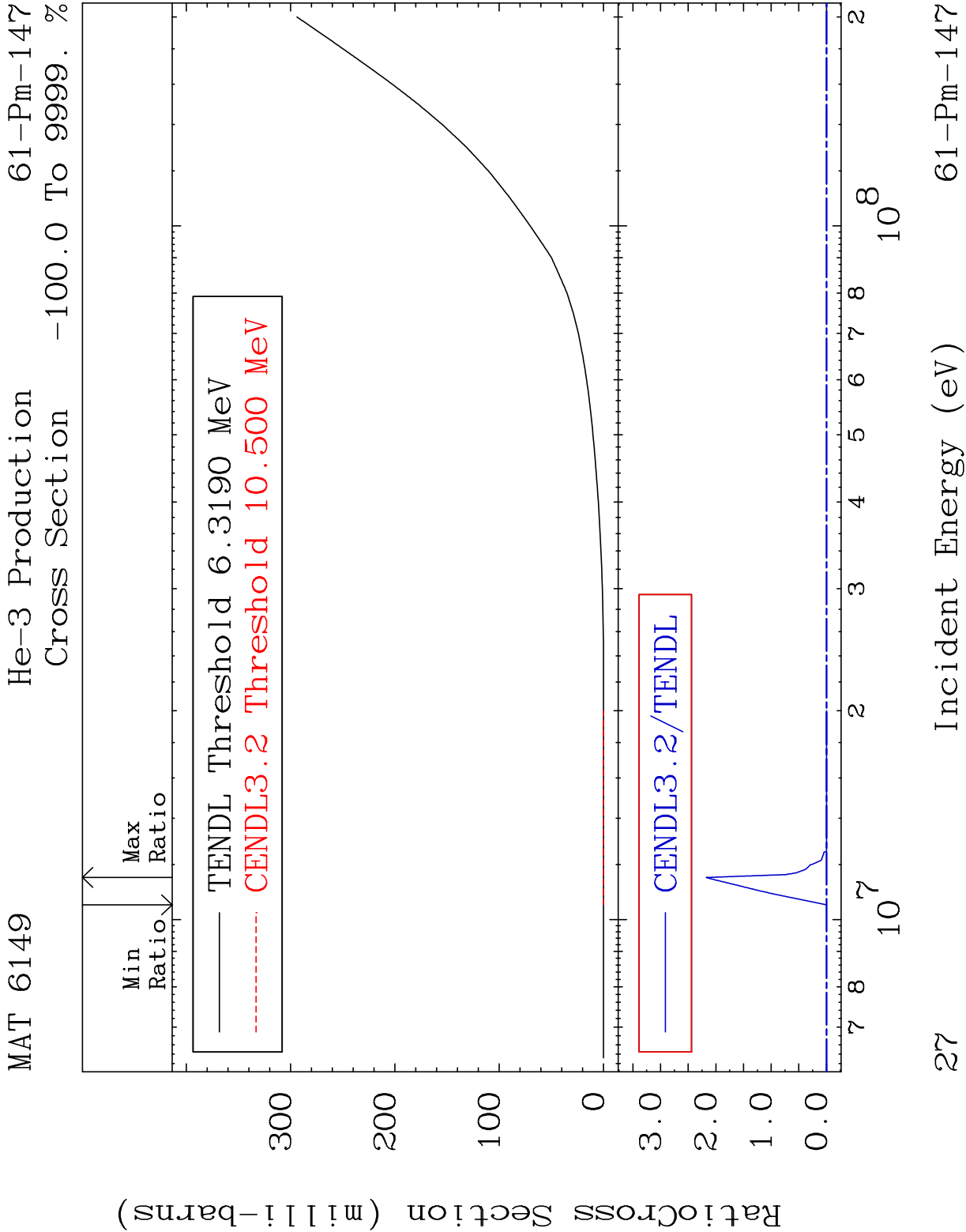
61-Pm-147

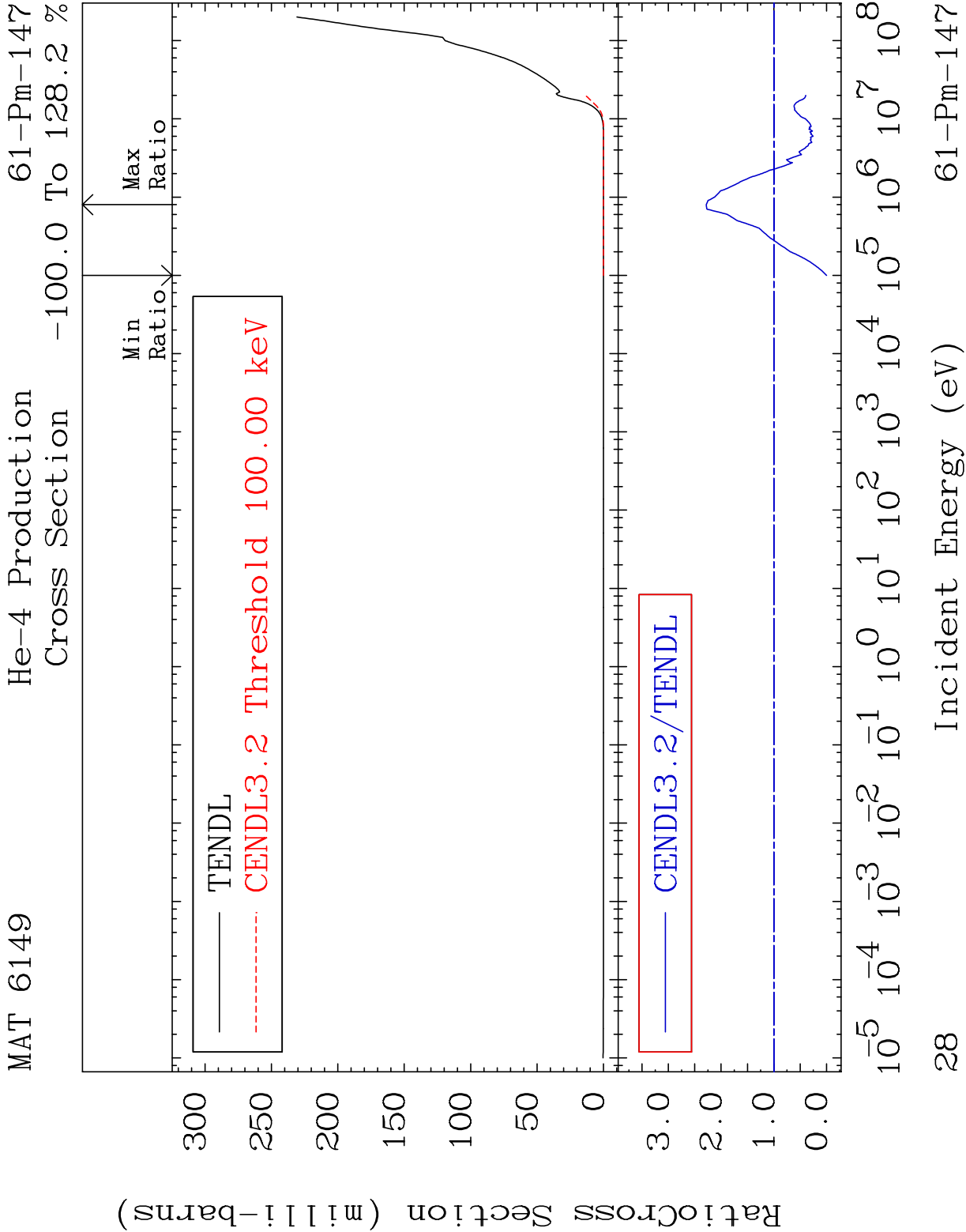




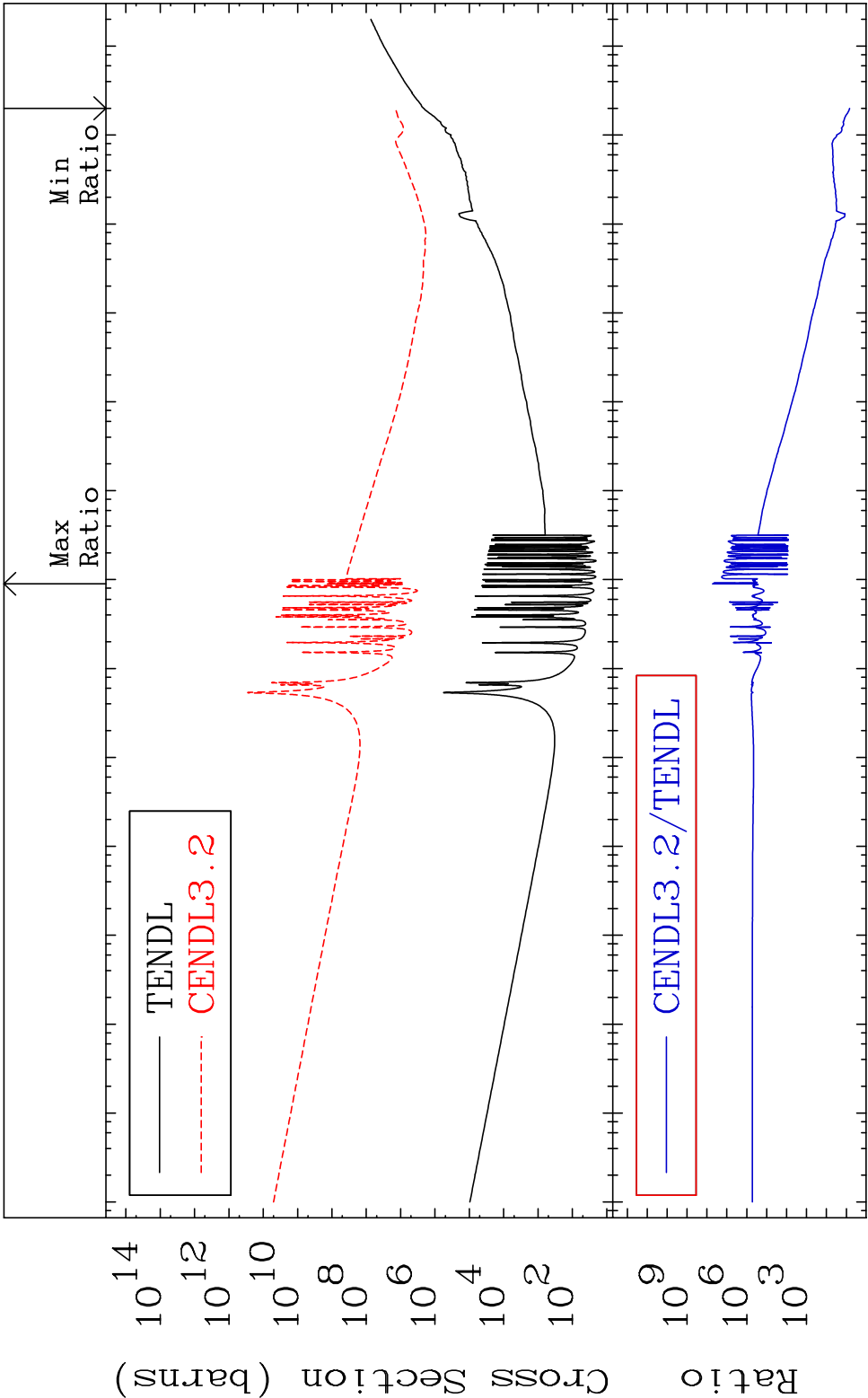




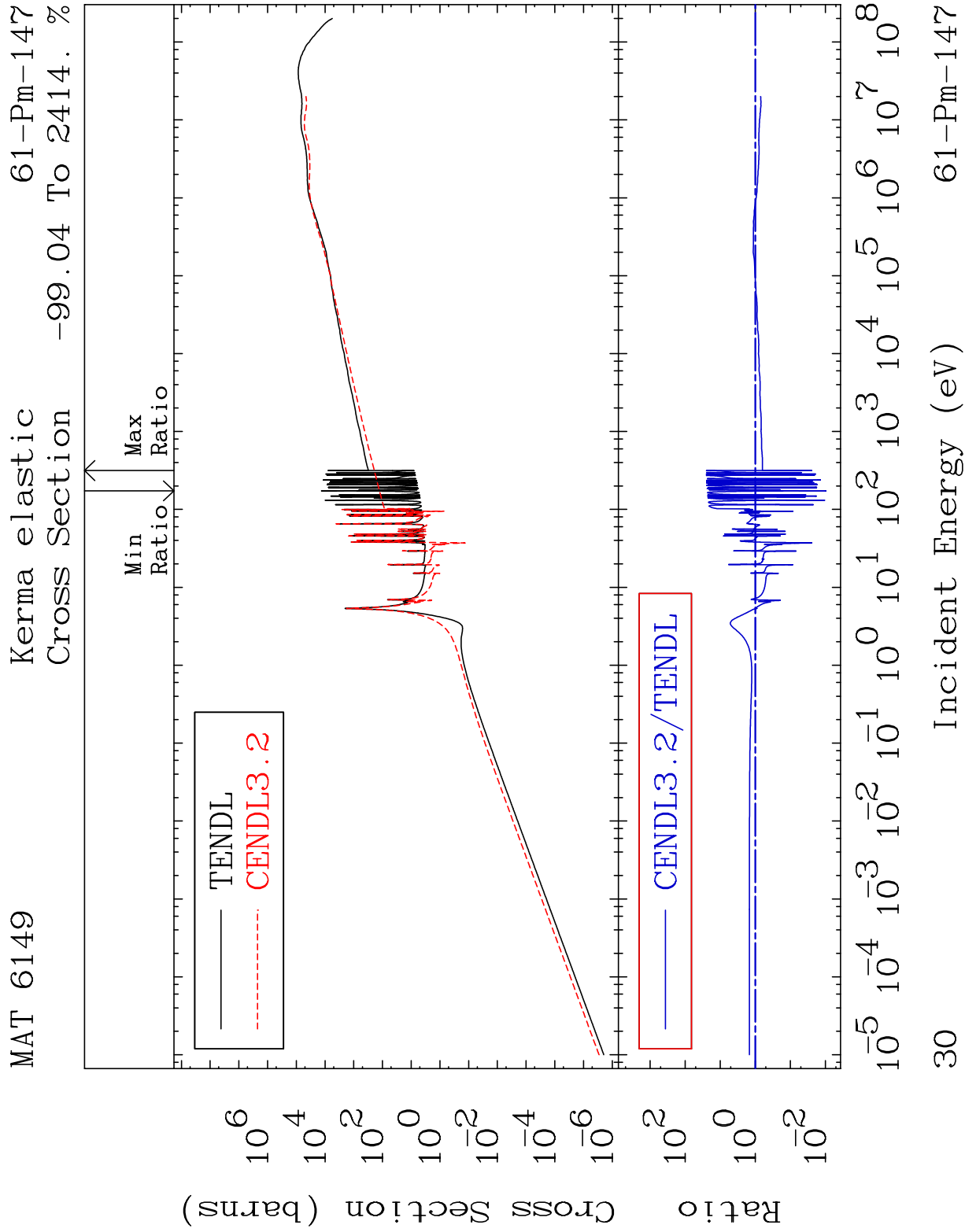


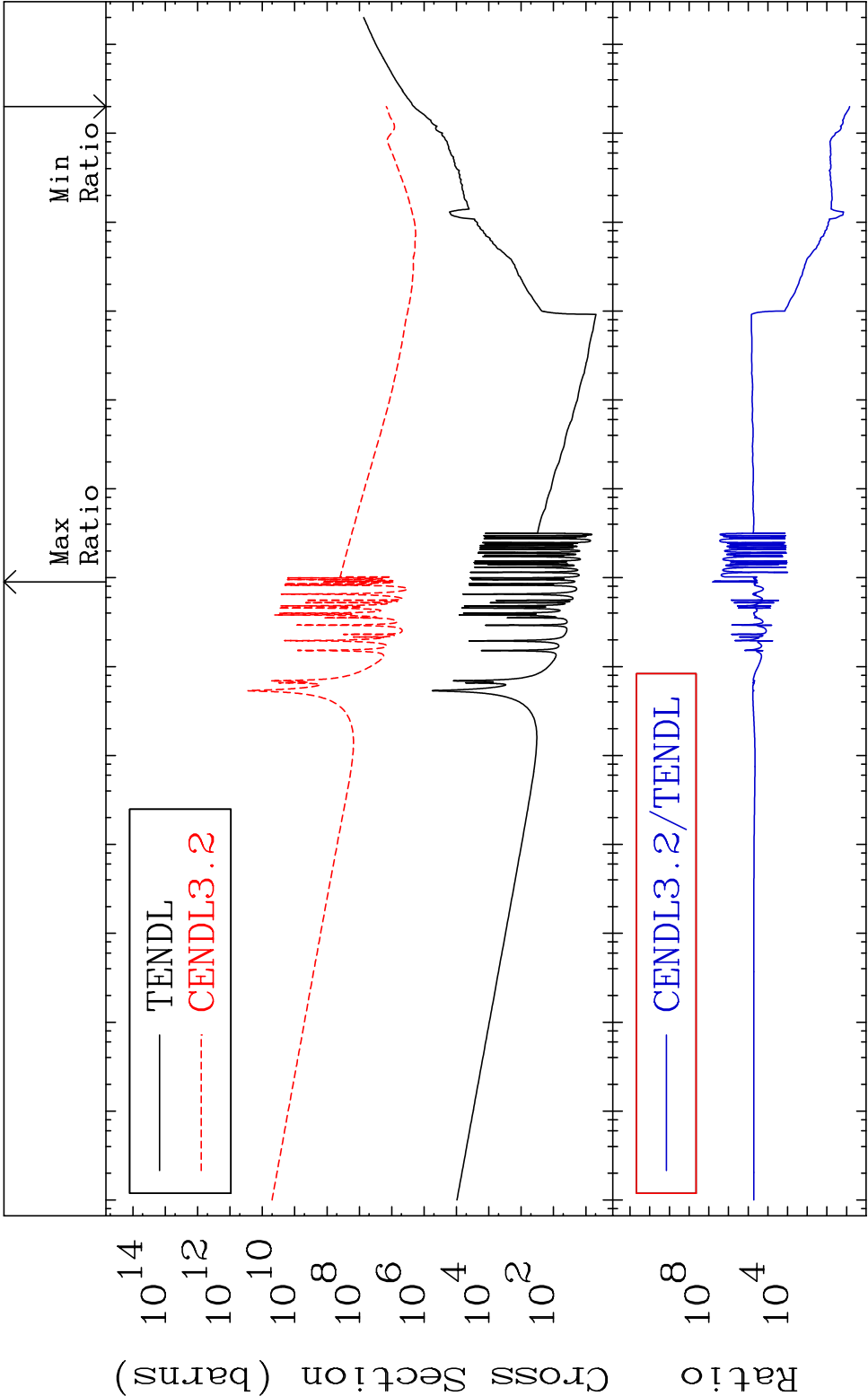


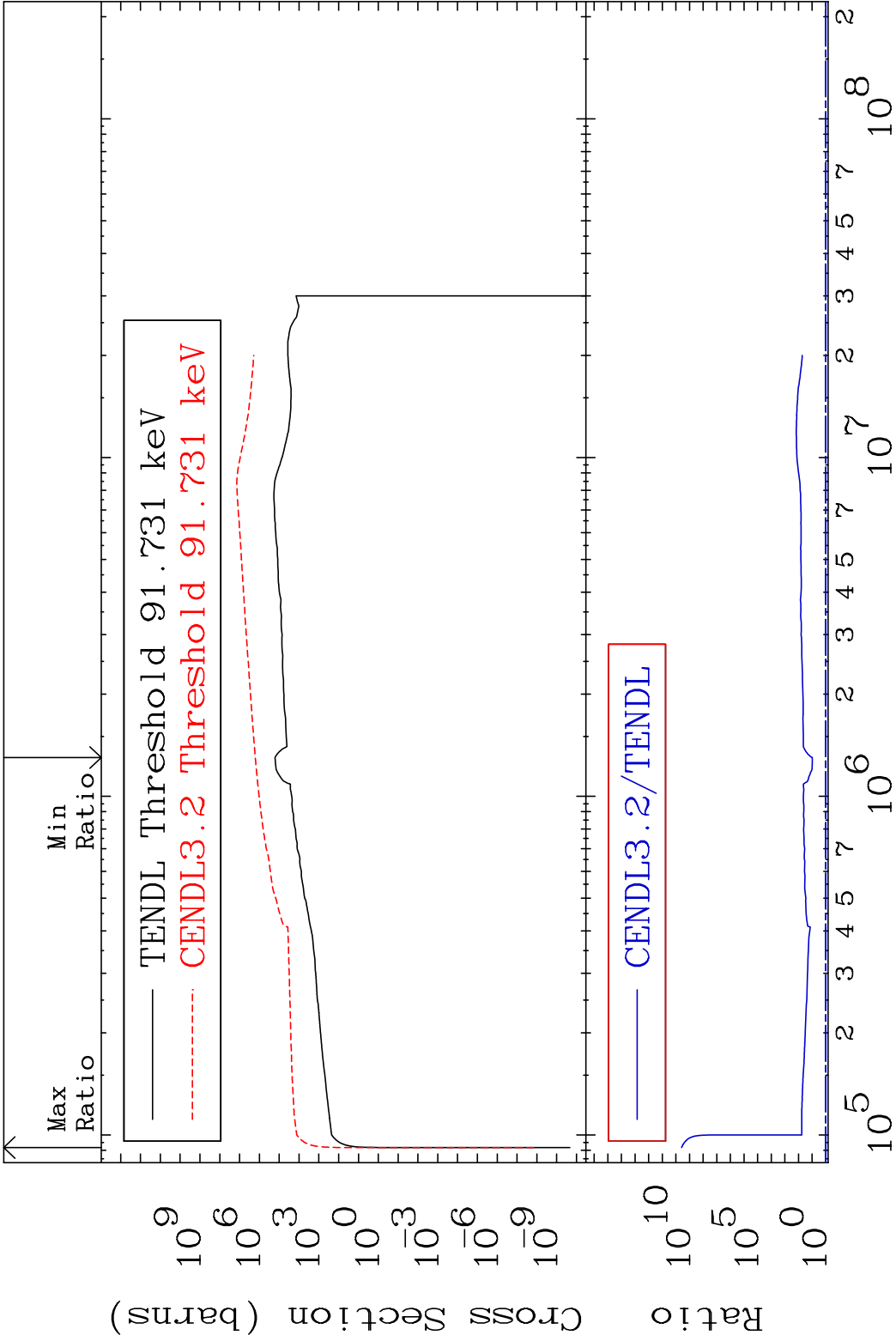
MAT 6149 Kerma total (eV-barns) 61-Pm-147
Cross Section 592.8 To 9999. %



29 Incident Energy (eV) 61-Pm-147

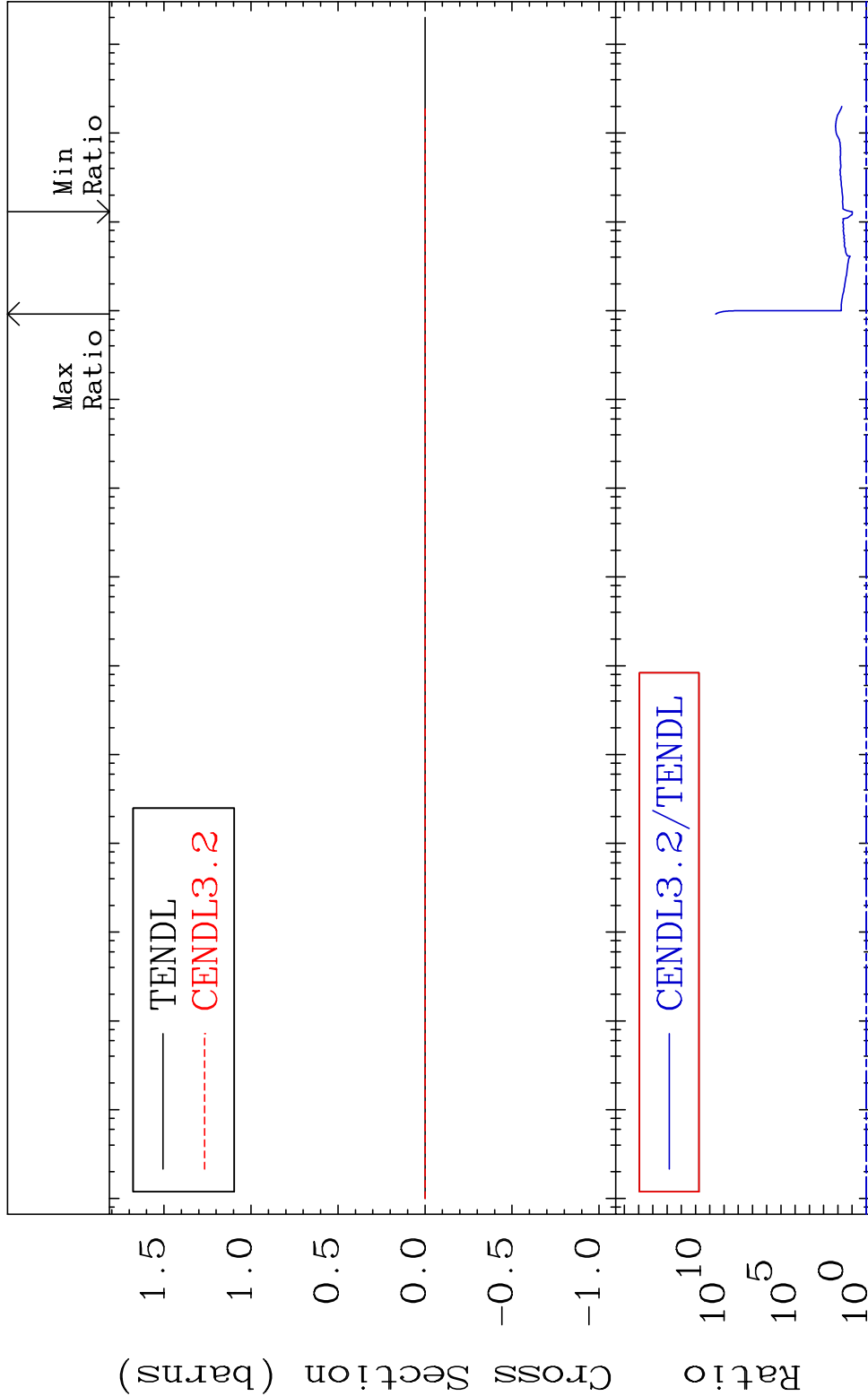






MAT 6149Kerma fission (mt18 or mt19-20-21-38)61-Pm-147

Cross Section 881.0 To 9999. %



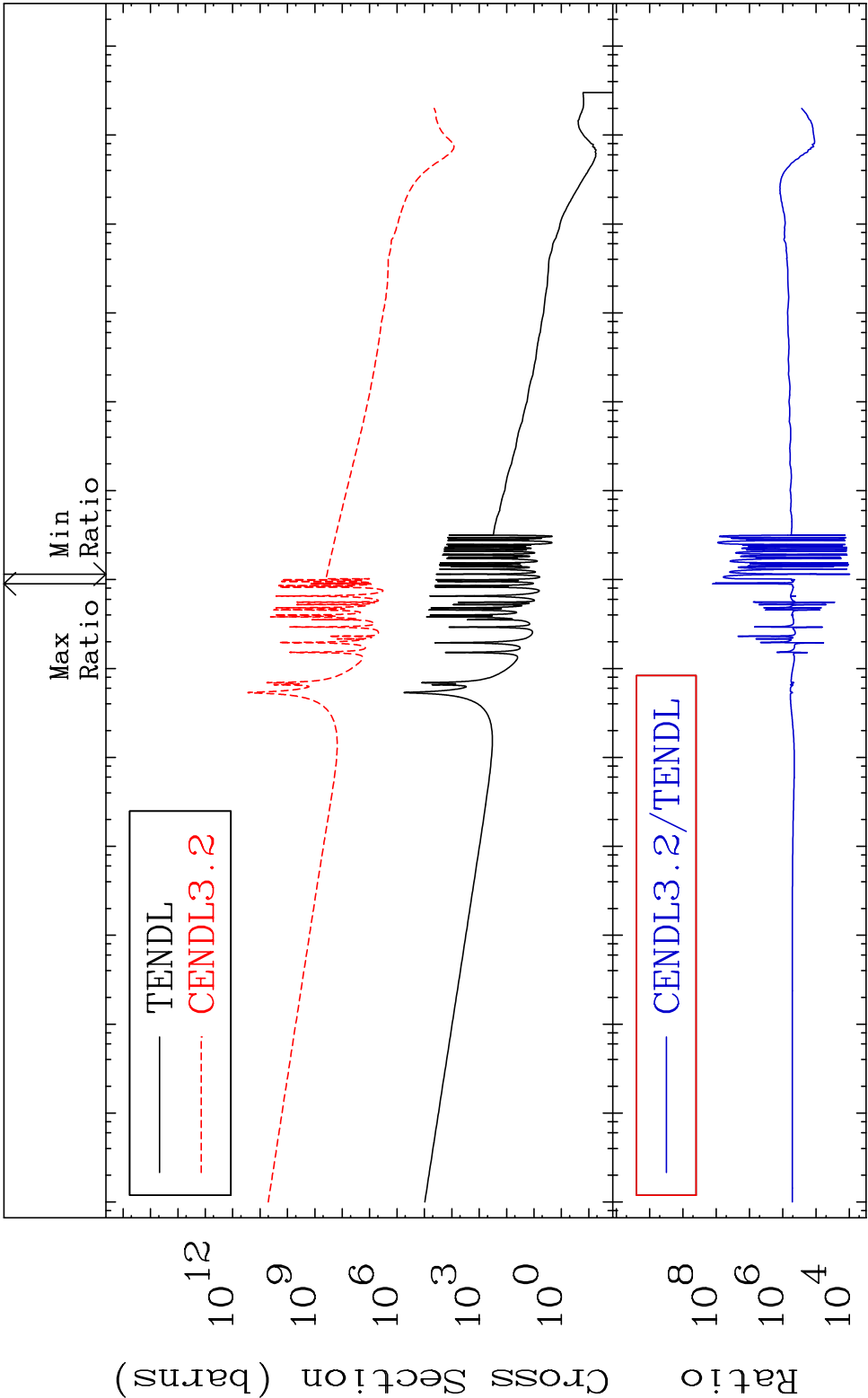
Ratio

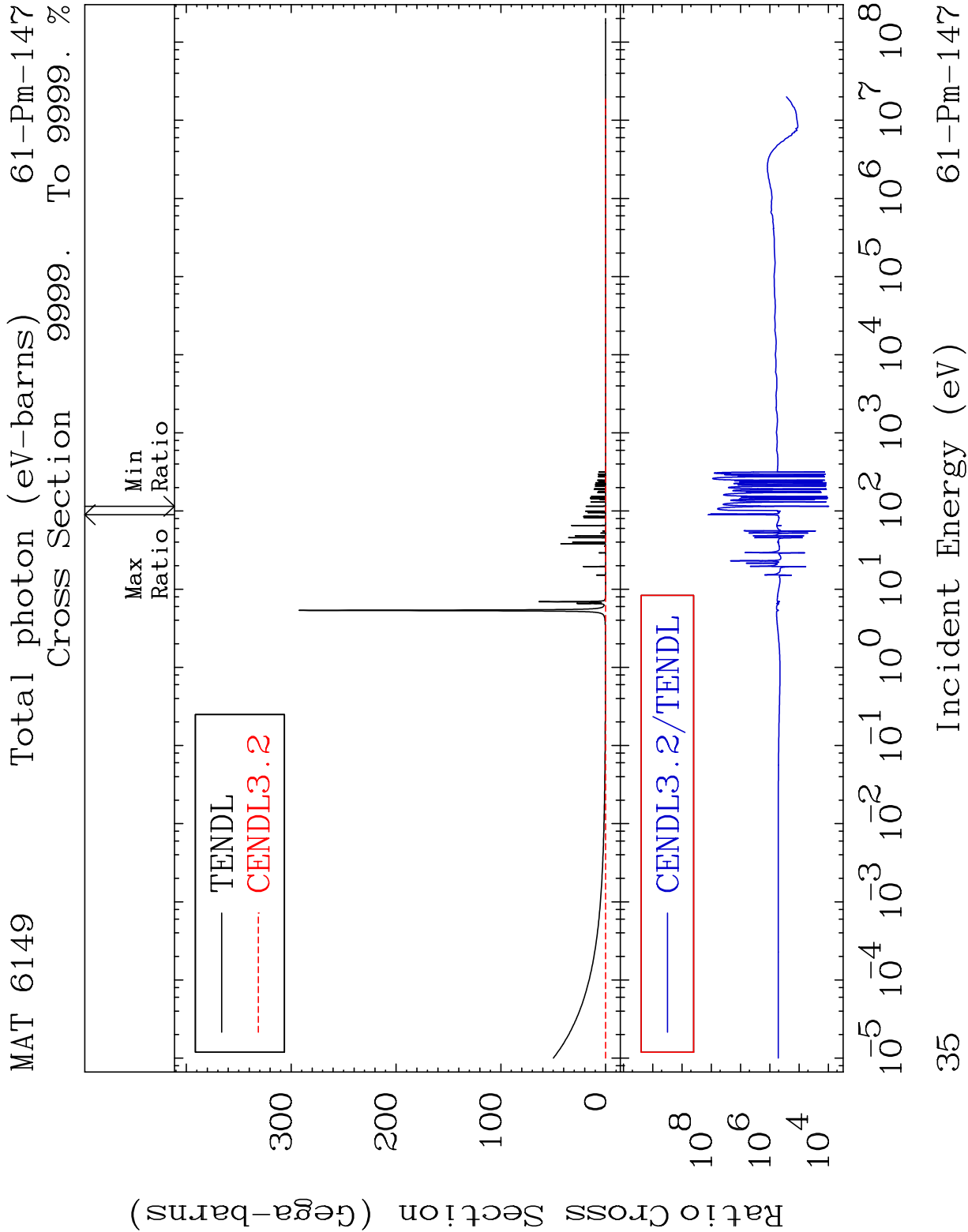
10¹⁰

10⁵

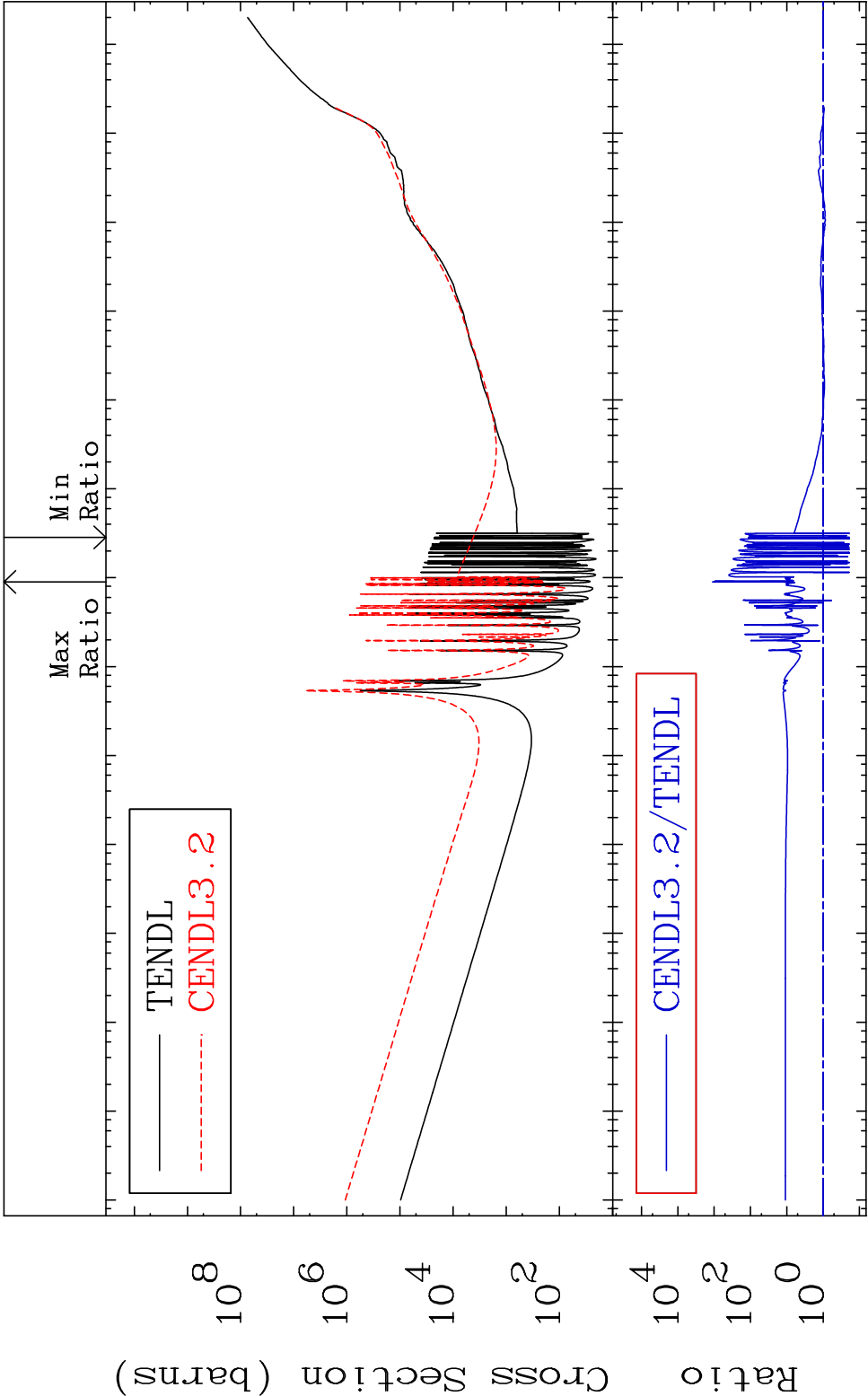
10⁰

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





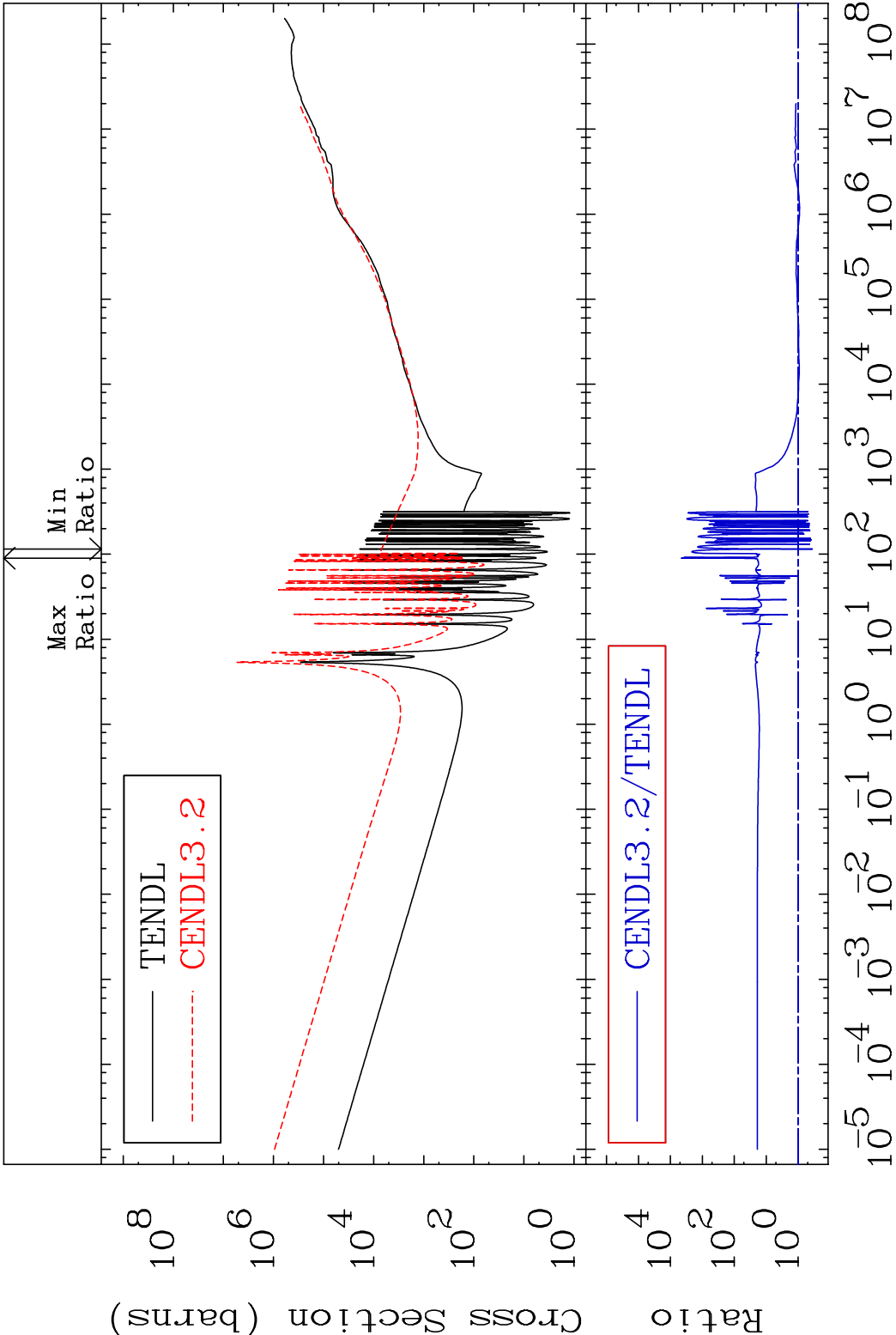
MAT 6149 Total kinematic kerma (high limit) 61-Pm-147
Cross Section -81.24 To 9999. %



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

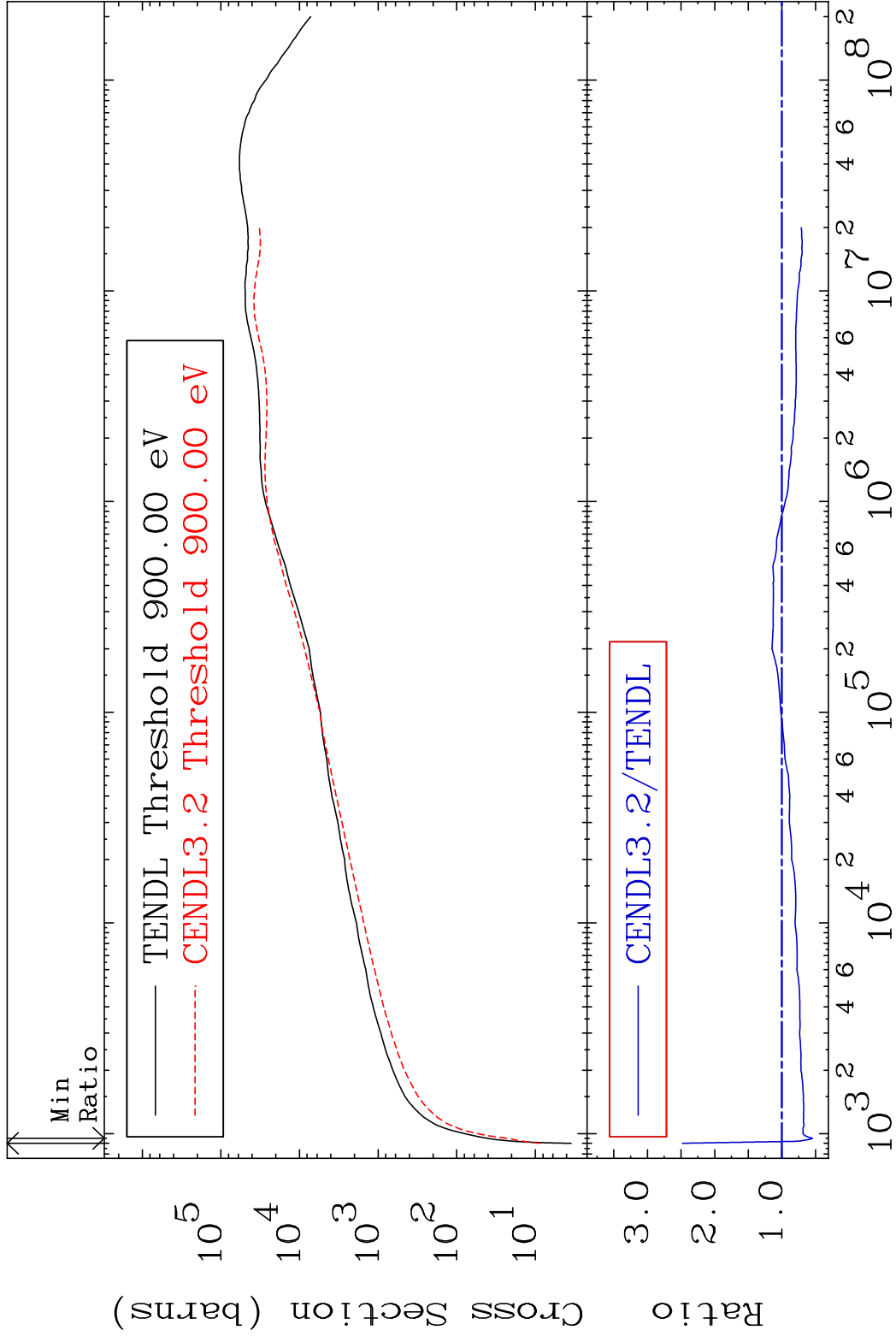
36 Incident Energy (eV) 61-Pm-147

MAT 6149 Dpa total (eV-barns) 61-Pm-147
 Cross Section -63.74 To 9999. %

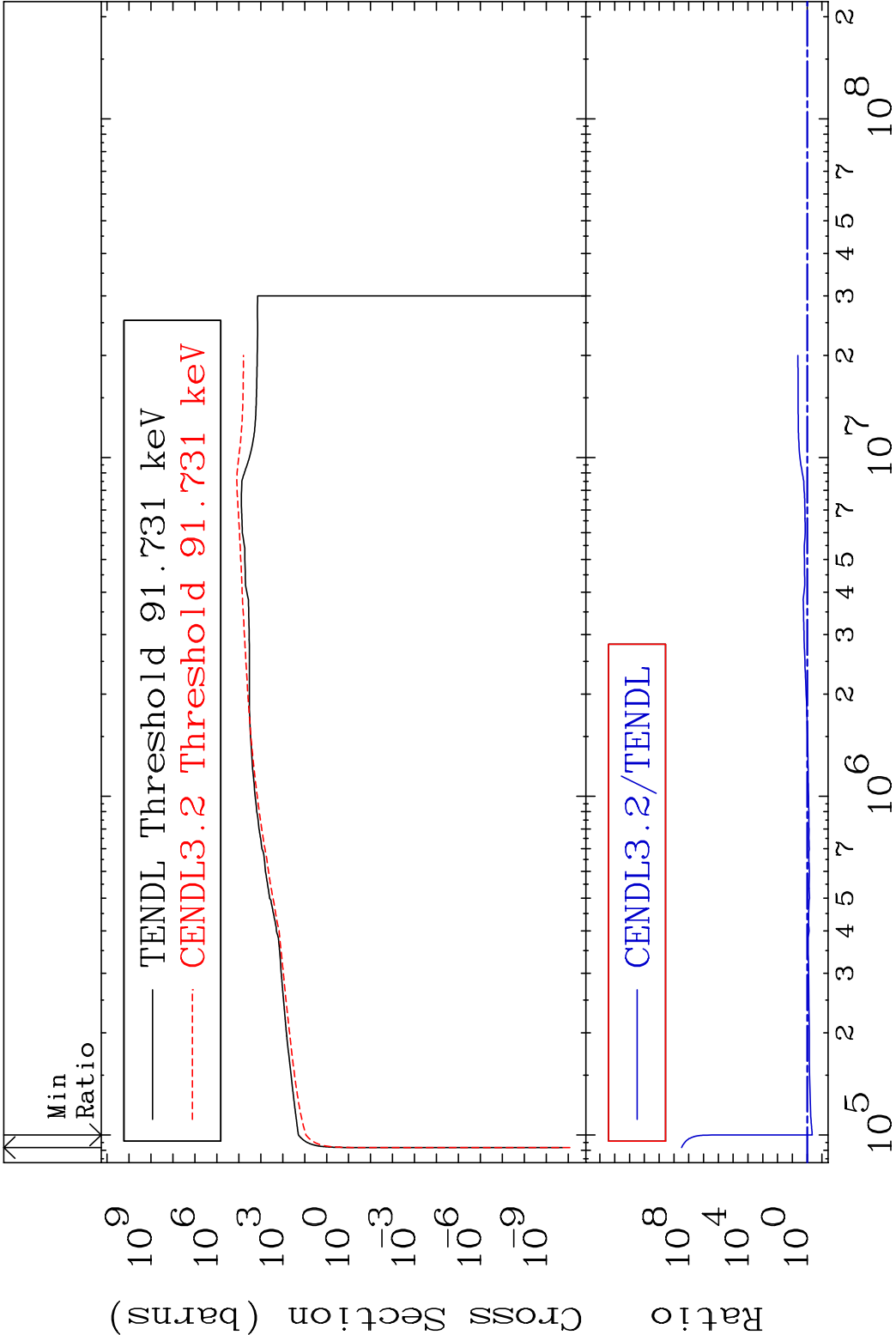


37 Incident Energy (eV) 61-Pm-147

MAT 6149	Dpa elastic (mt2)	61-Pm-147
	Cross Section	-45.65 To 148.1 %

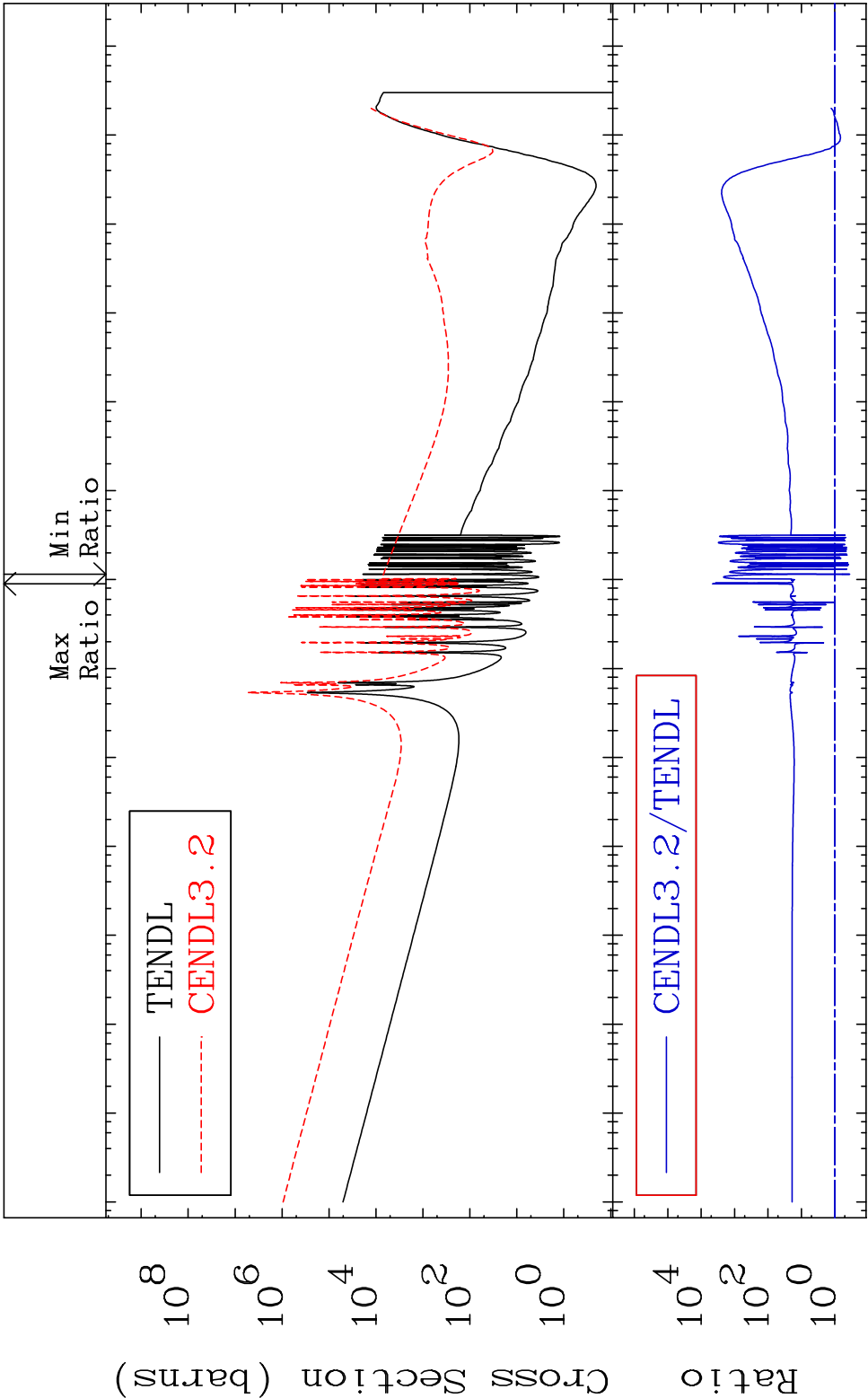


MAT 6149 Dpa inelastic (mt51-91) 61-Pm-147
Cross Section -54.30 To 9999. %

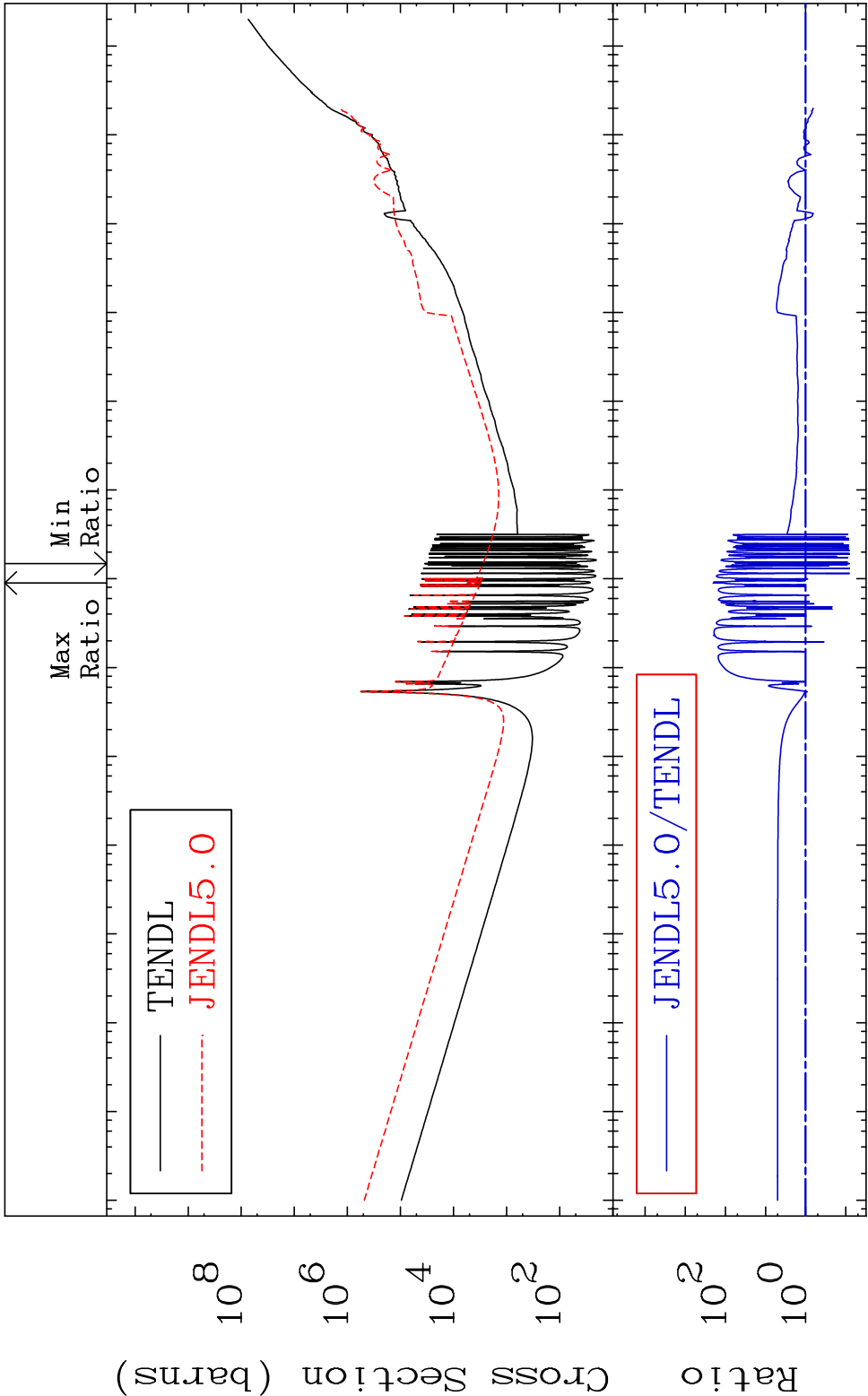


39 Incident Energy (eV) 61-Pm-147

MAT 6149 Dpa disappearance (mt102 -120) 61-Pm-147
Cross Section -63.74 To 9999. %



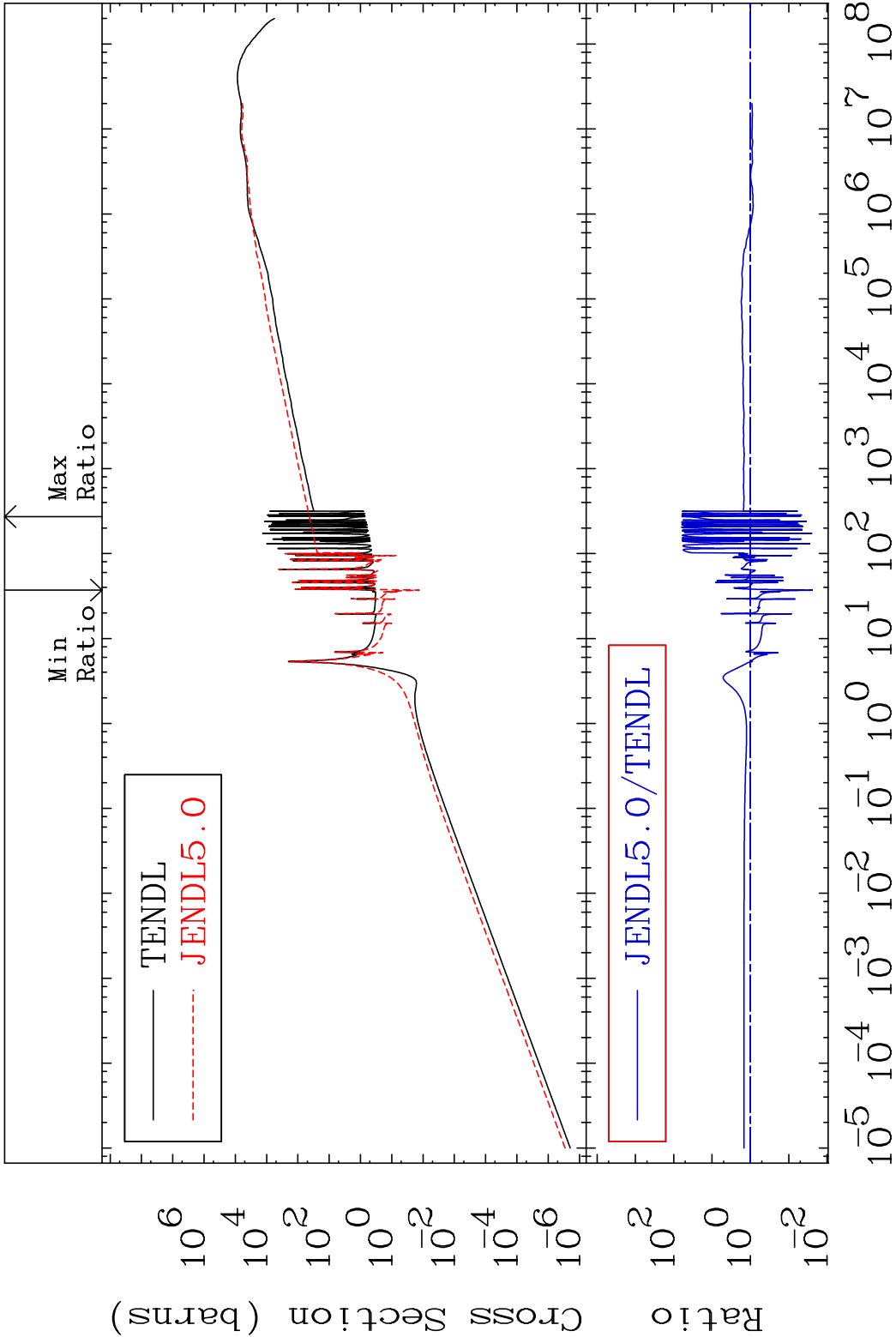
MAT 6149 Kerma total (eV-barns) 61-Pm-147
Cross Section -91.93 To 9999. %

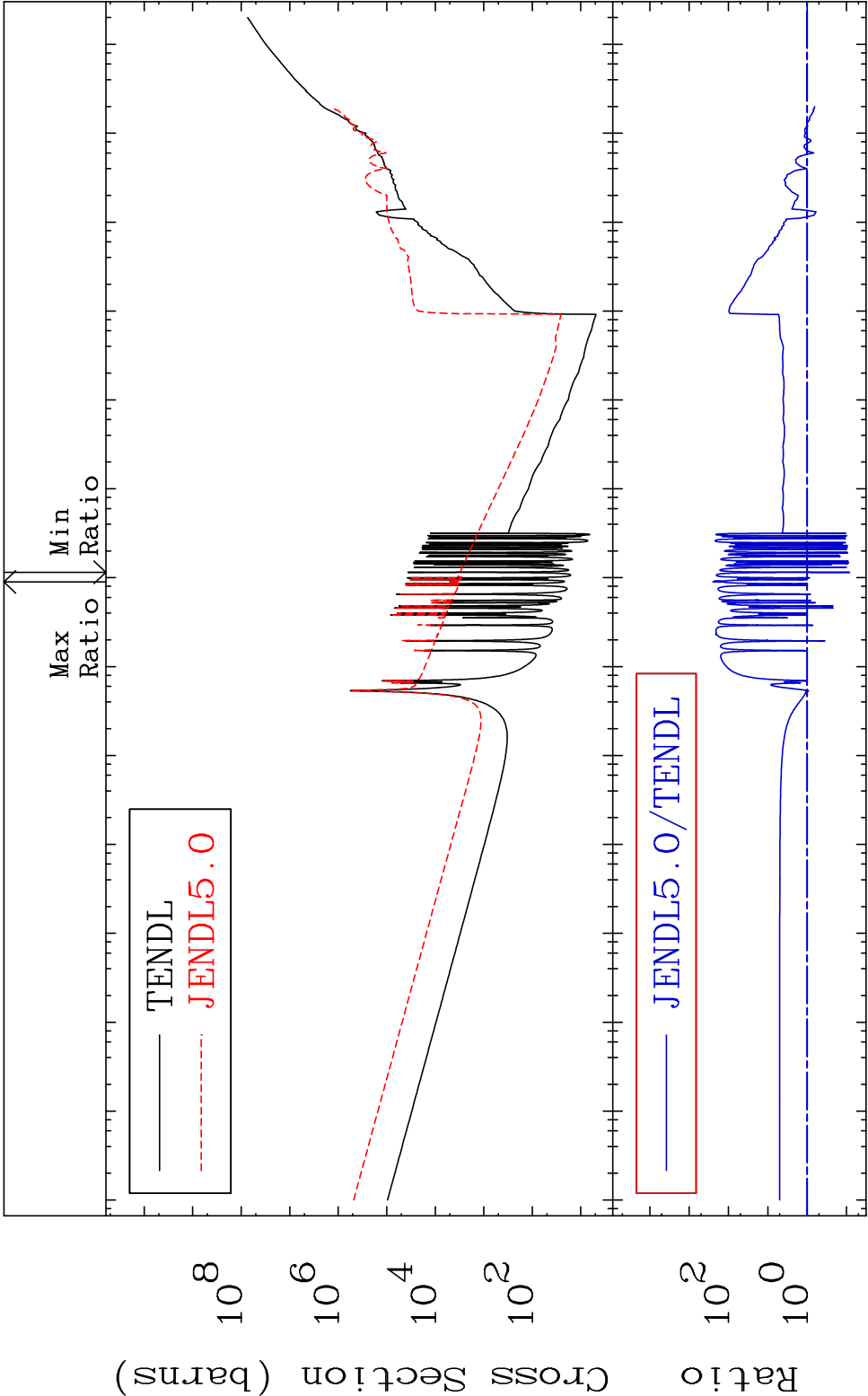


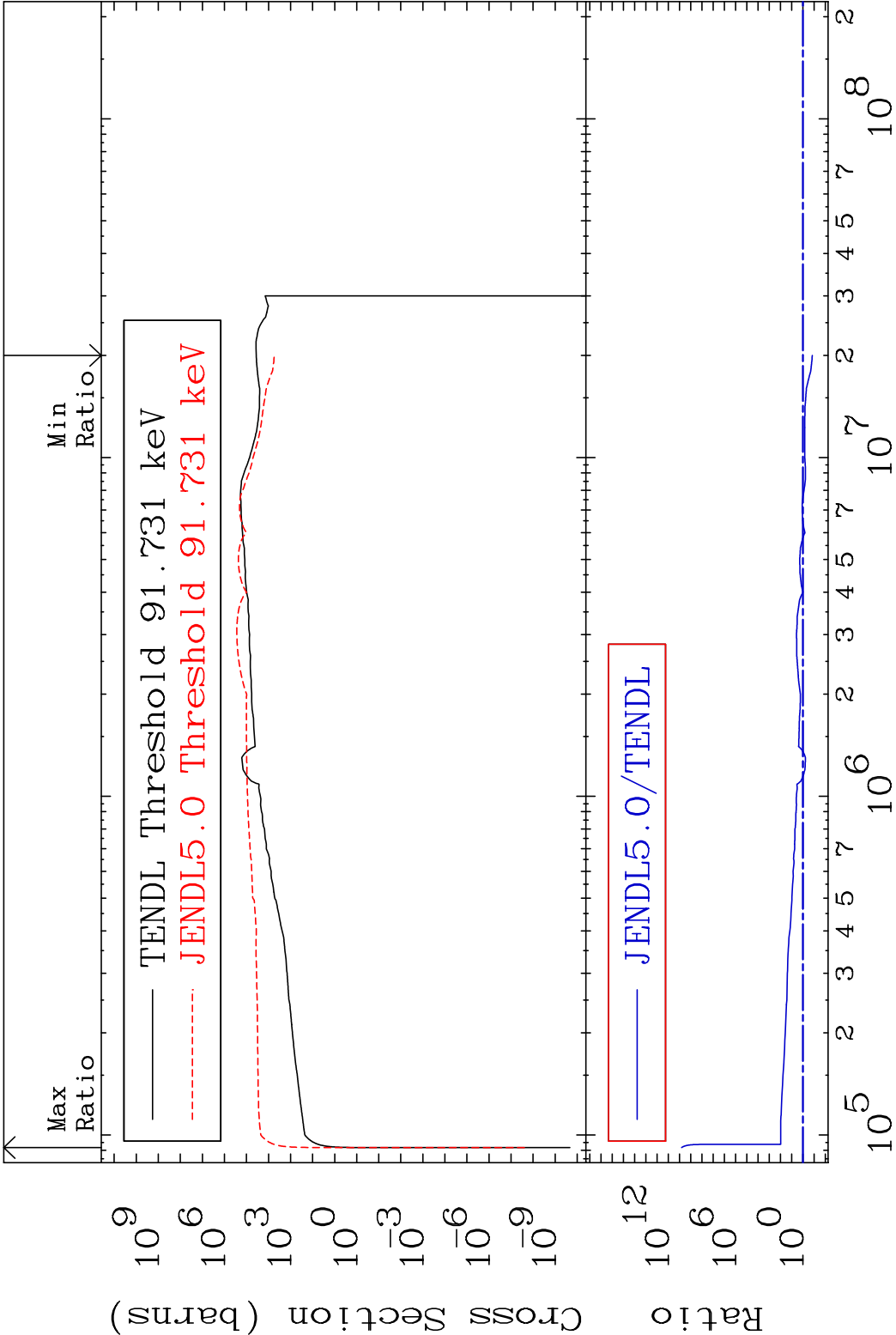
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

41 Incident Energy (eV) 61-Pm-147

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

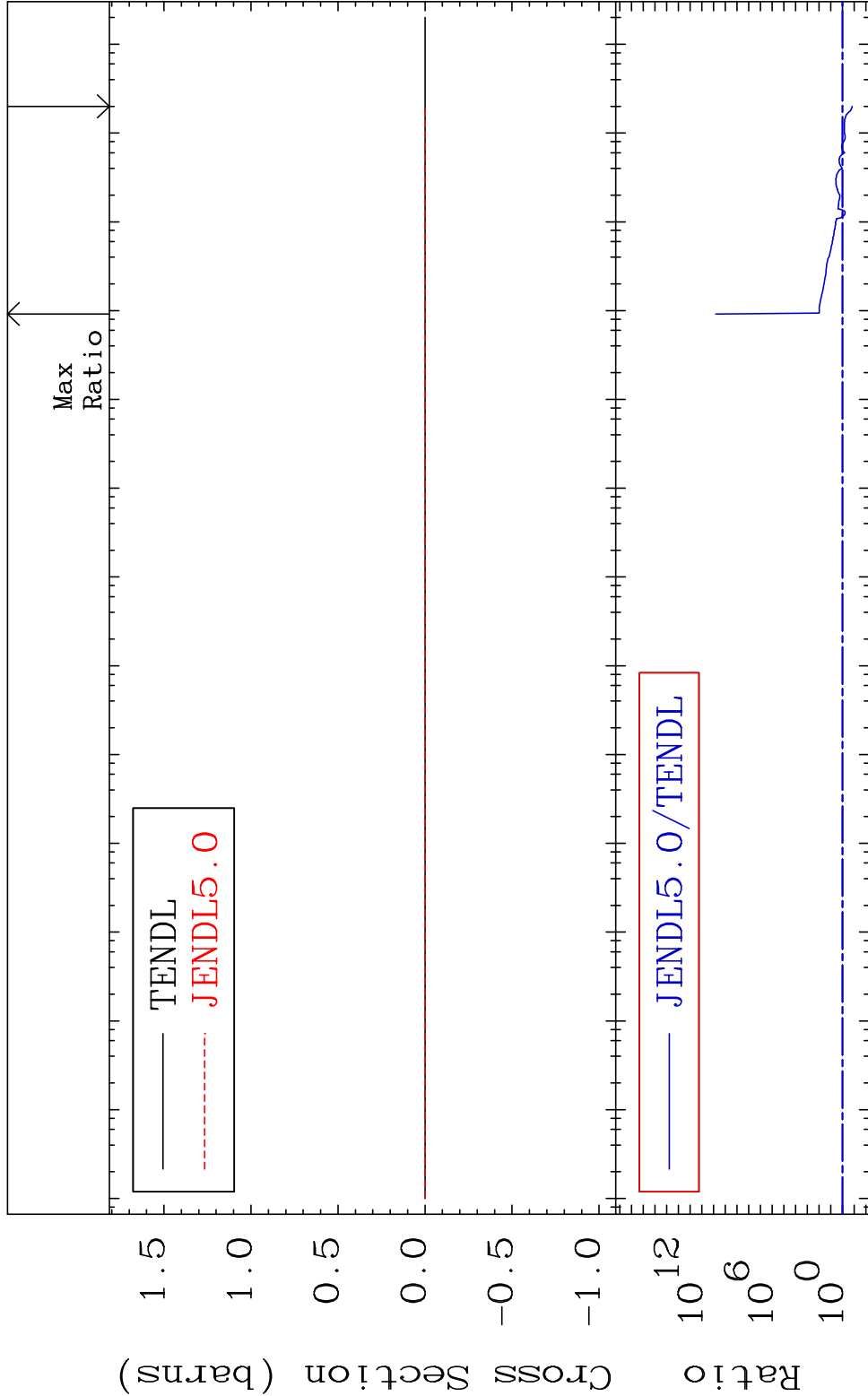






MAT 6149Kerma fission (mt18 or mt19-20-21-38)61-Pm-147

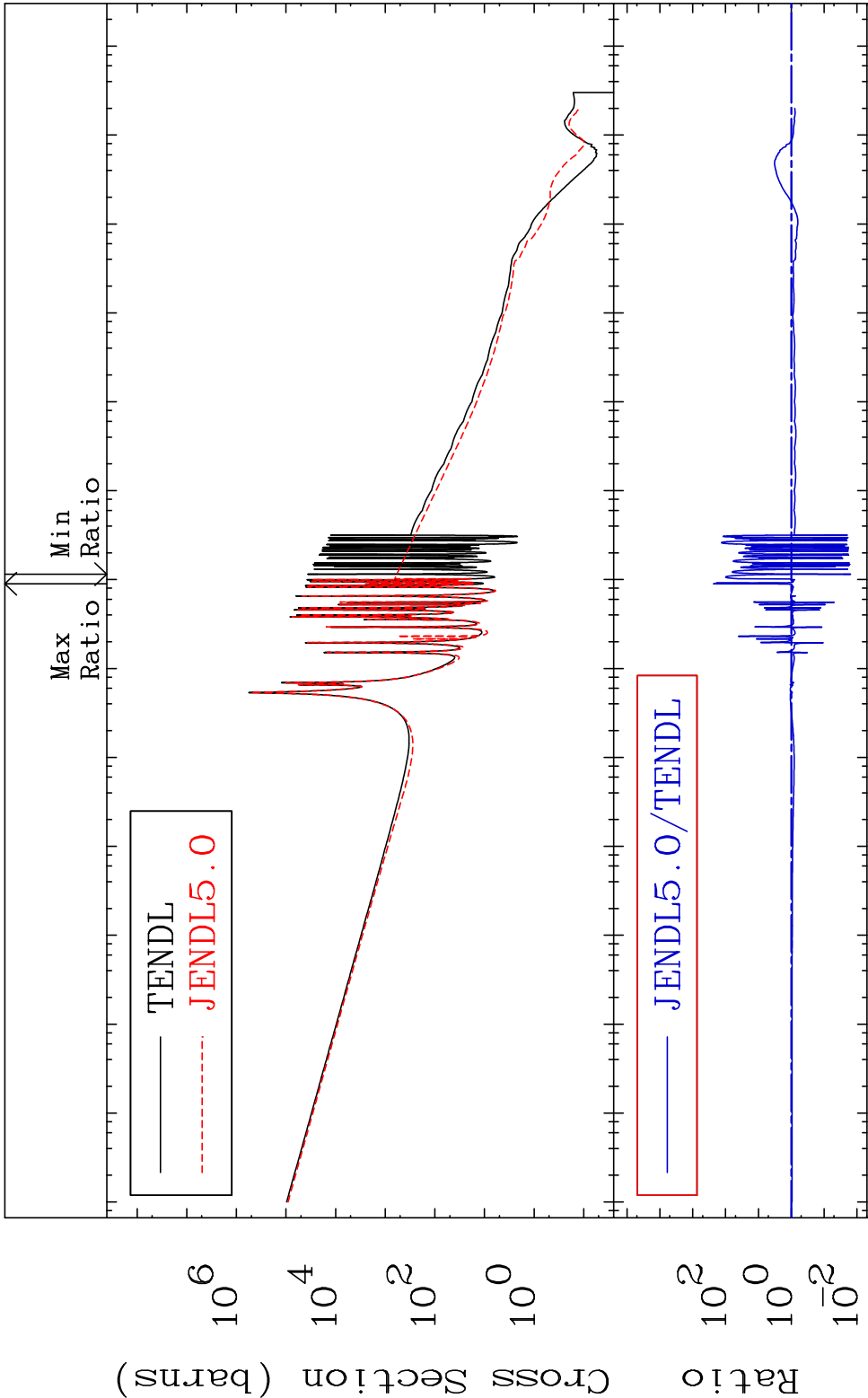
Cross Section -85.01 To 9999. %



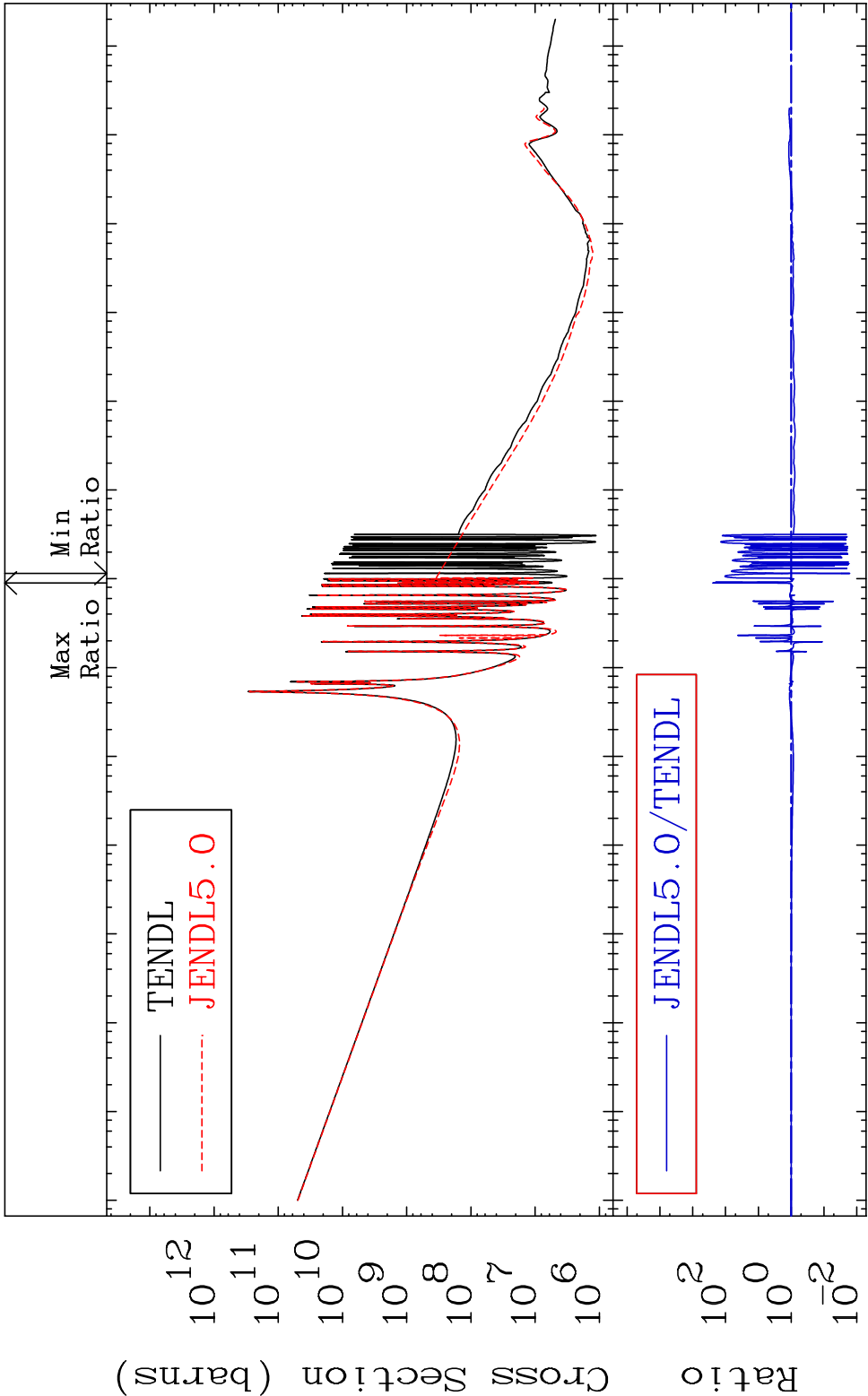
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

45 Incident Energy (eV) 61-Pm-147

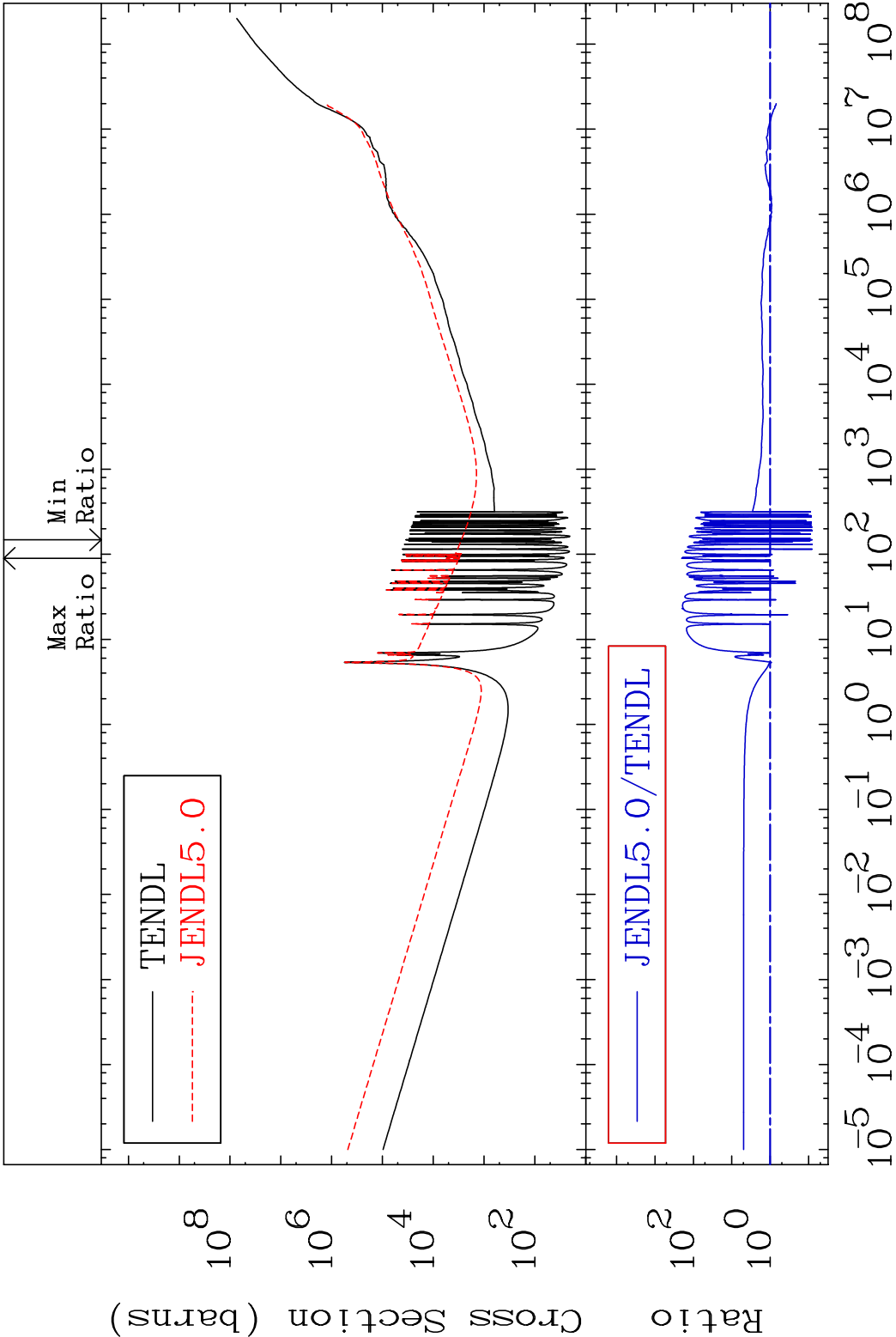
MAT 6149 Kerma capture (mt102) 61-Pm-147
Cross Section -98.42 To 9999. %



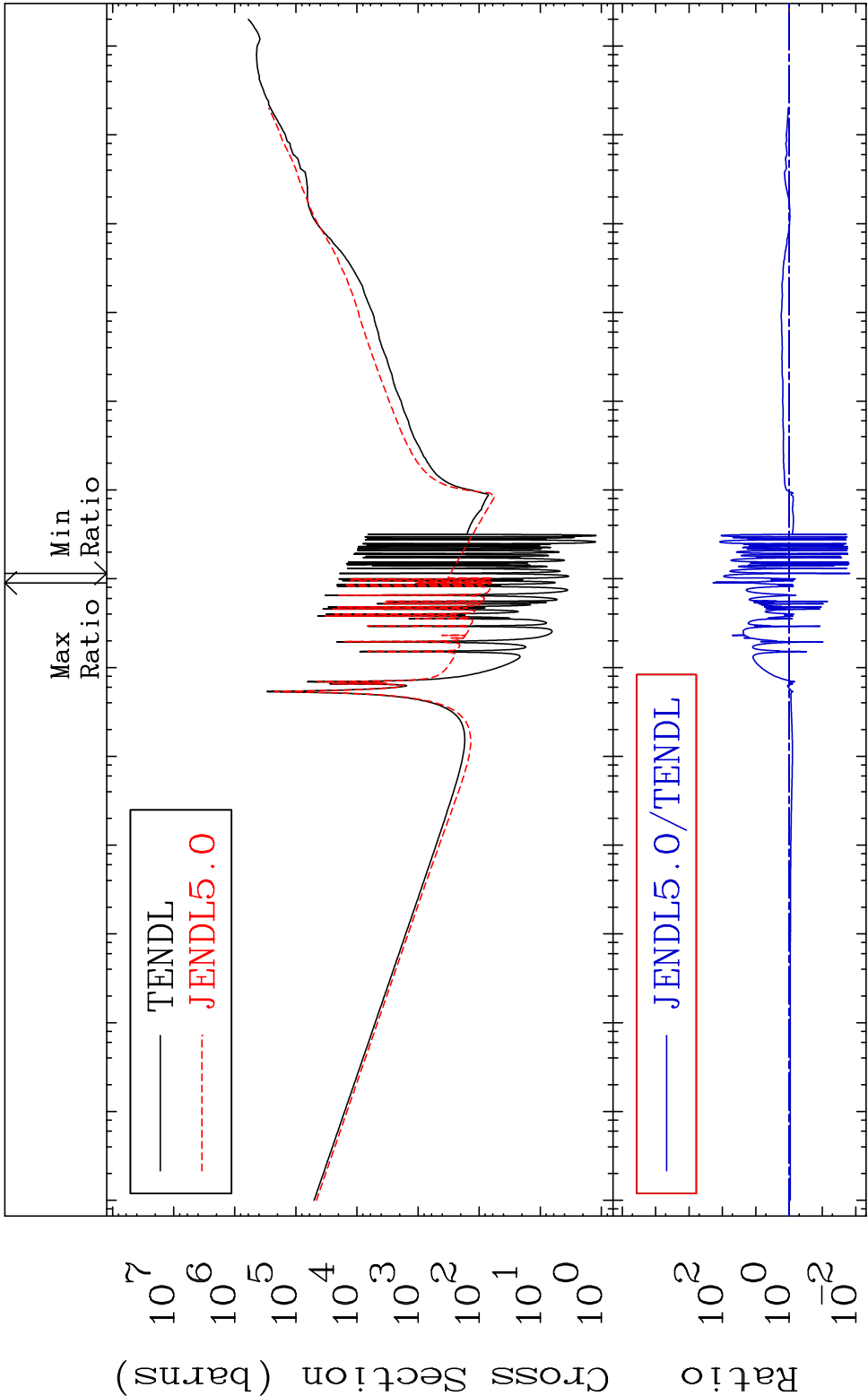
MAT 6149 Total photon (eV-barns) 61-Pm-147
Cross Section -98.34 To 9999. %



MAT 6149 Total kinematic kerma (high limit) 61-Pm-147
Cross Section -91.93 To 9999. %



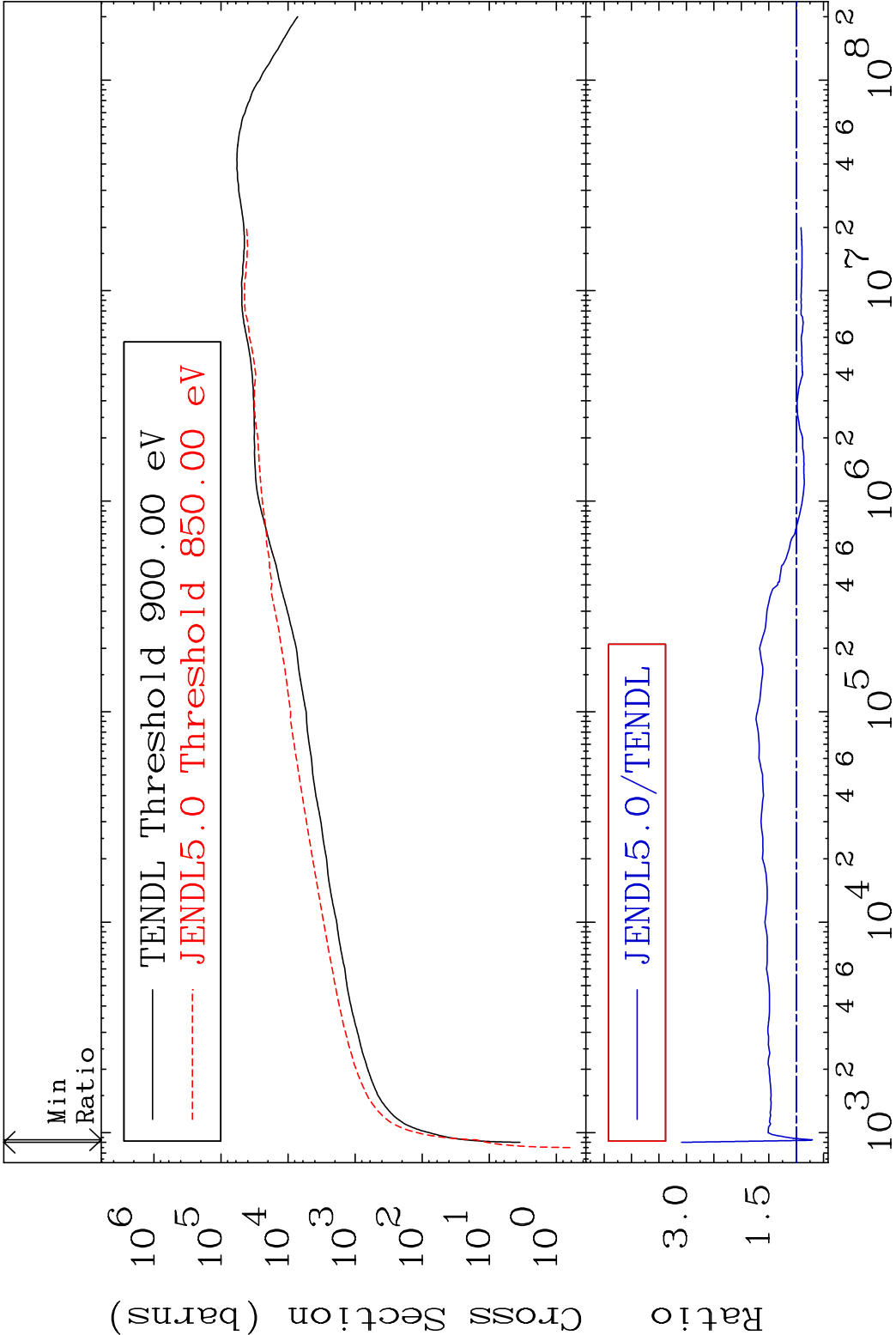
MAT 6149 Dpa total (eV-barns) 61-Pm-147
Cross Section -98.46 To 9999. %



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

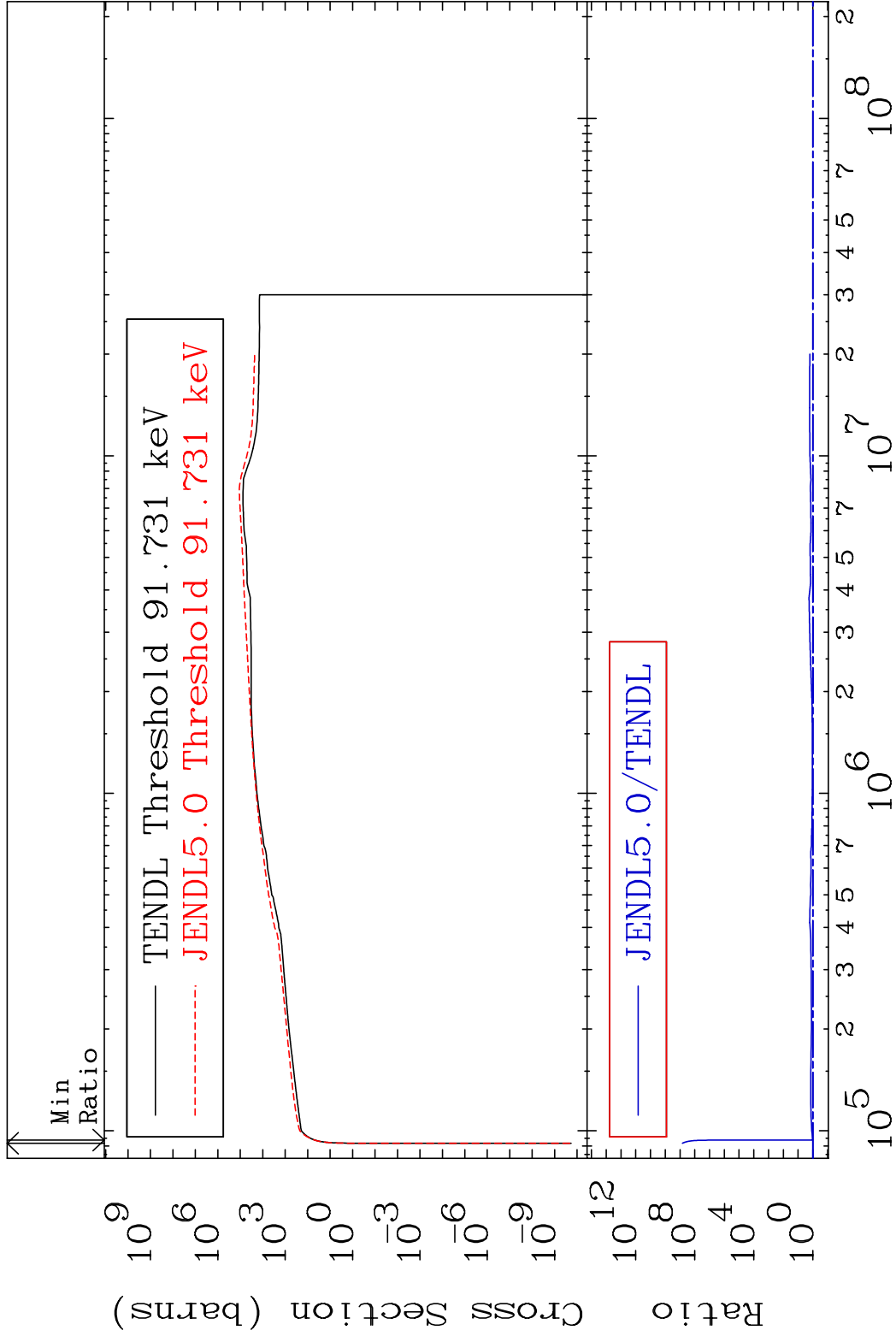
49 Incident Energy (eV) 61-Pm-147

MAT 6149 Dpa elastic (mt2) 61-Pm-147
Cross Section -29.29 To 208.9 %



50 Incident Energy (eV) 61-Pm-147

MAT 6149 Dpa inelastic (mt51-91) 61-Pm-147
Cross Section 4.179 To 9999. %



51 Incident Energy (eV) 61-Pm-147

MAT 6149 Dpa disappearance (mt102 -120) 61-Pm-147
Cross Section -98.46 To 9999. %

