

Program Complot
(Version 2021-1)

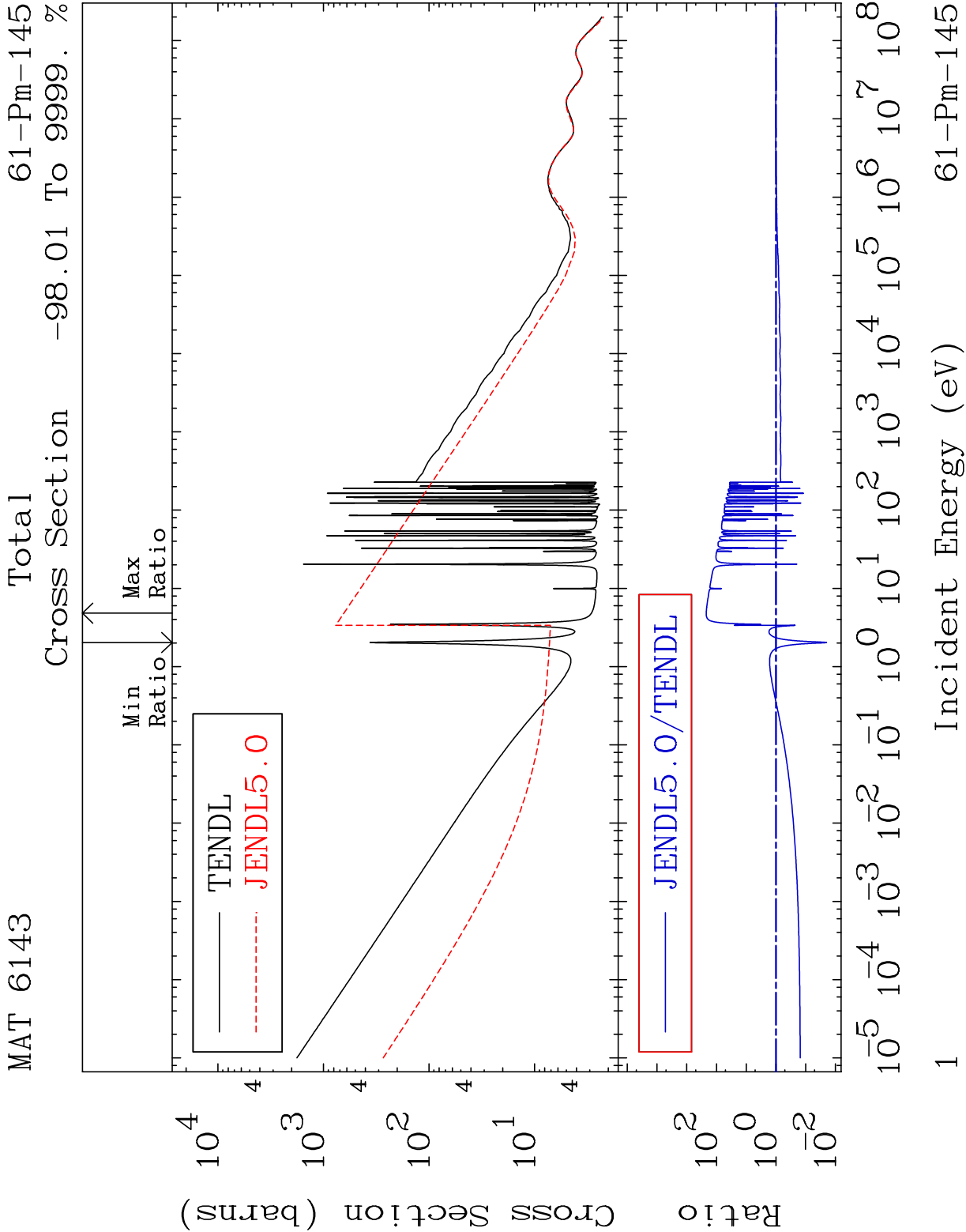
by

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Press Mouse Button to Start

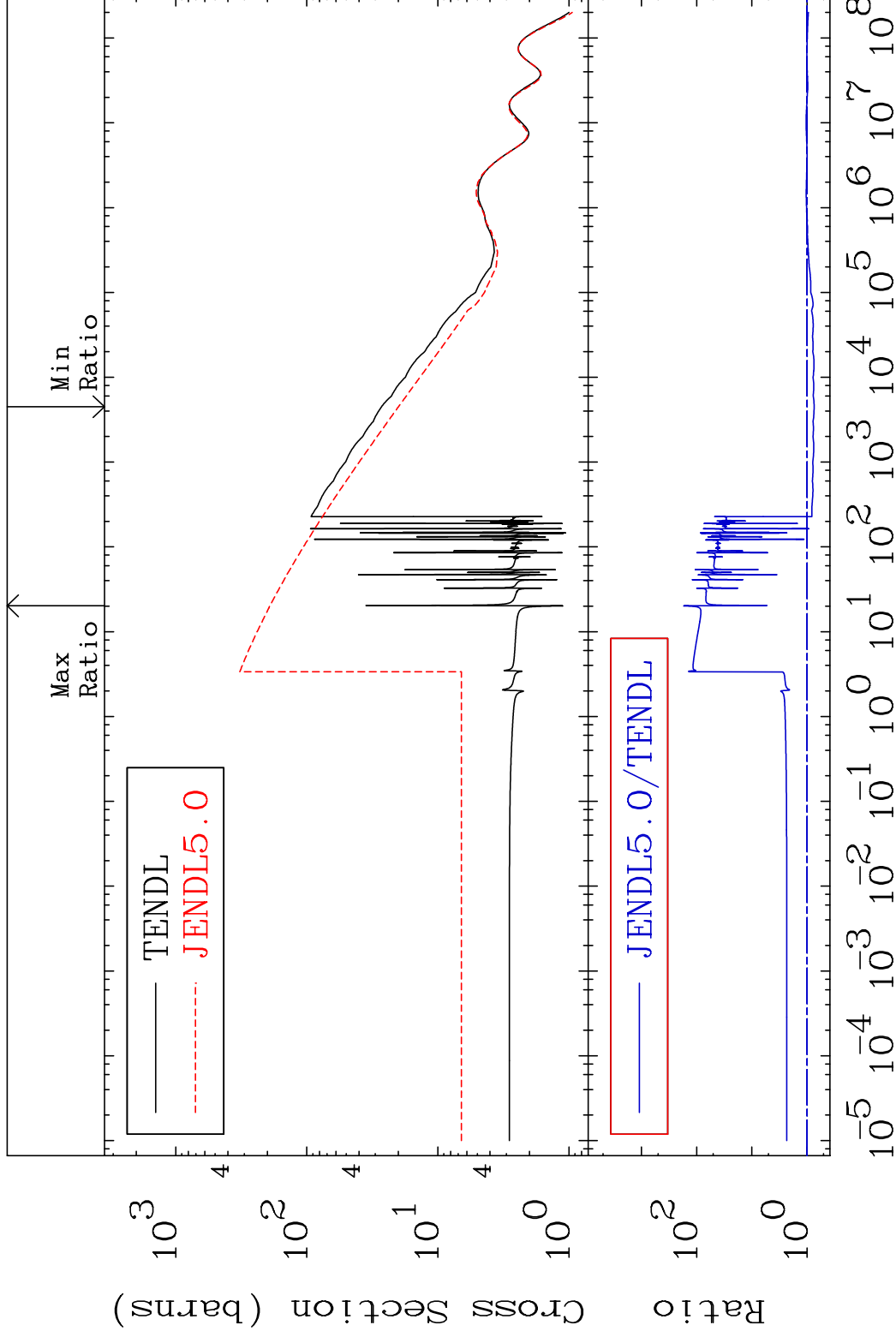


MAT 6143

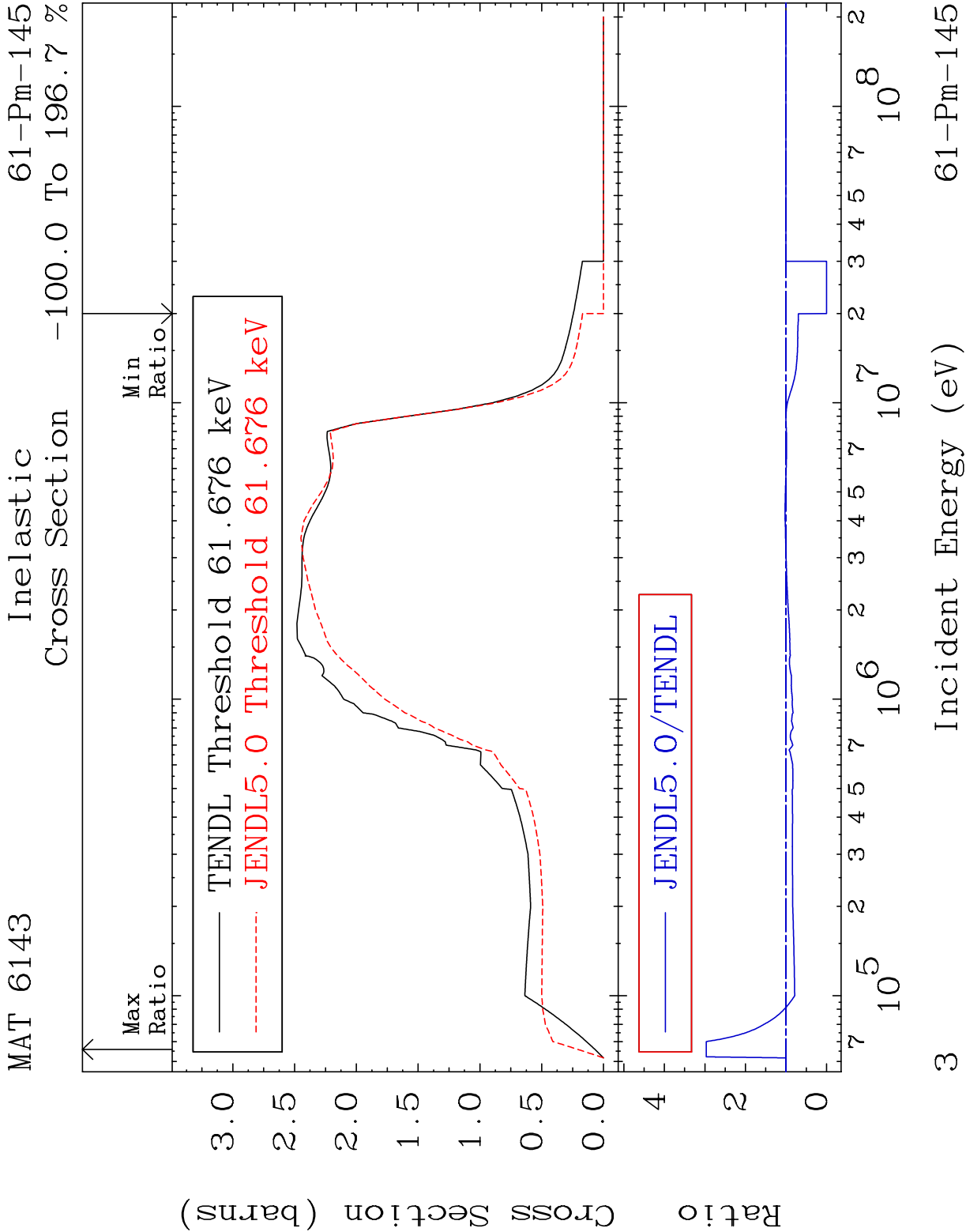
Elastic

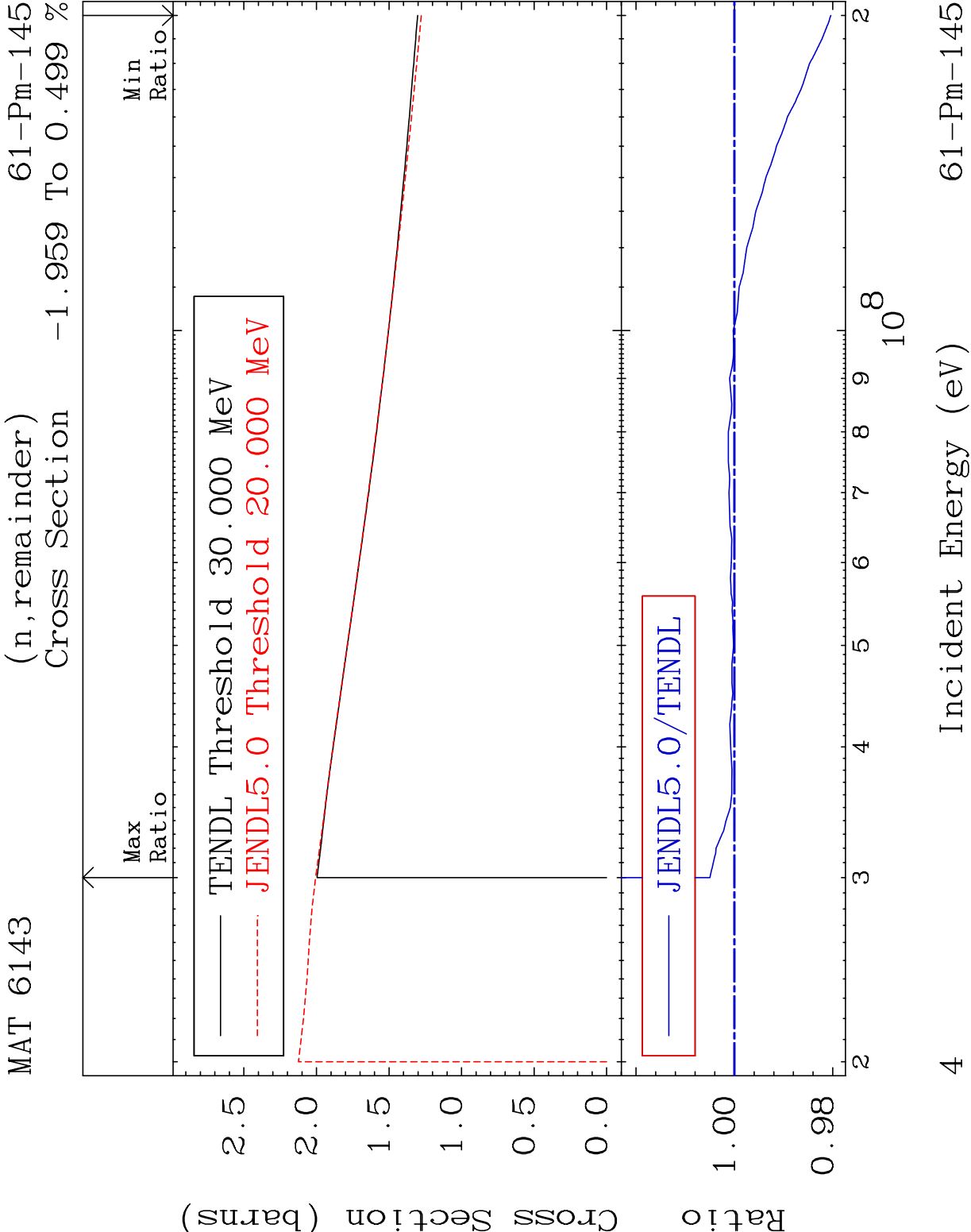
61-Pm-145

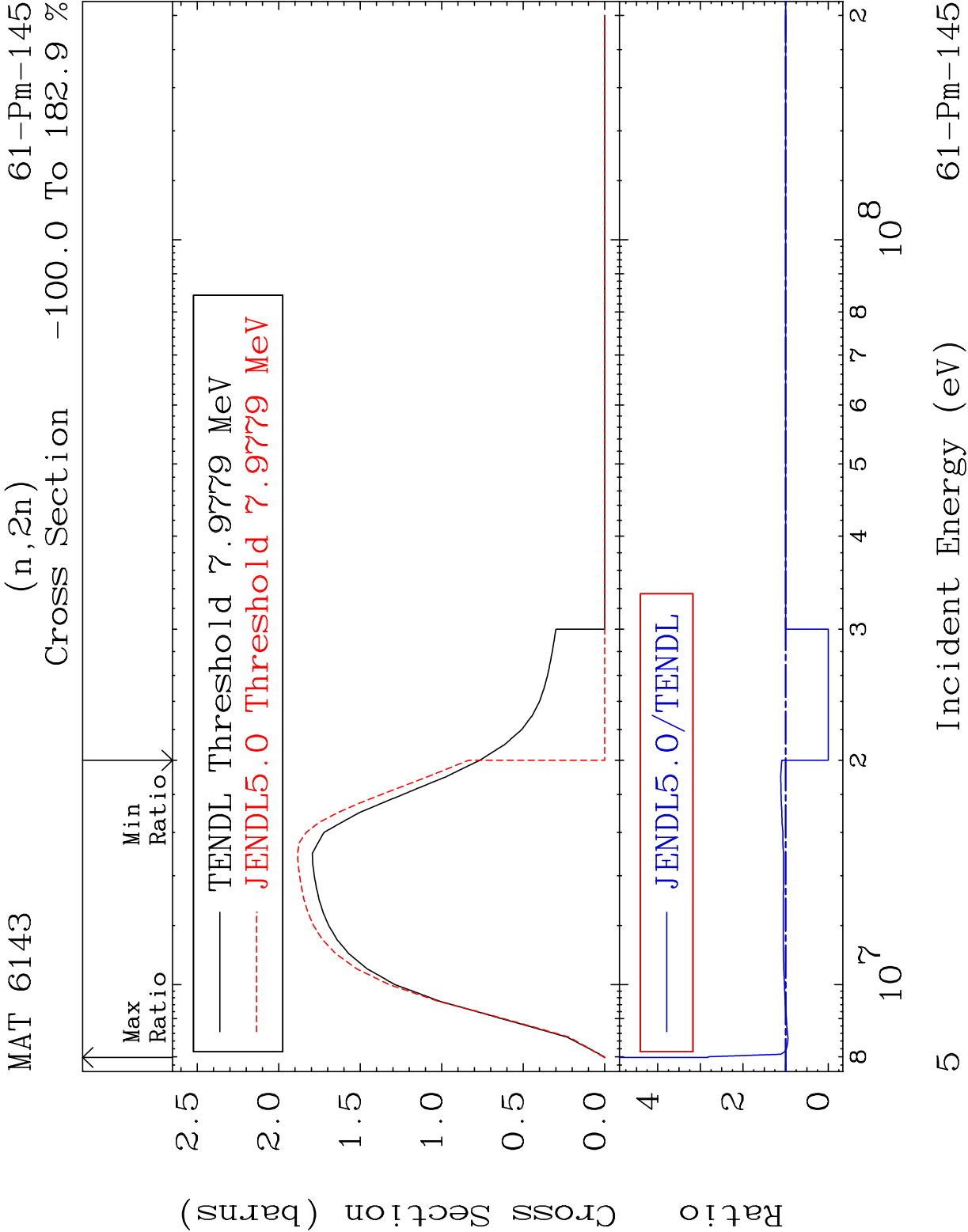
Cross Section -25.77 To 9999. %

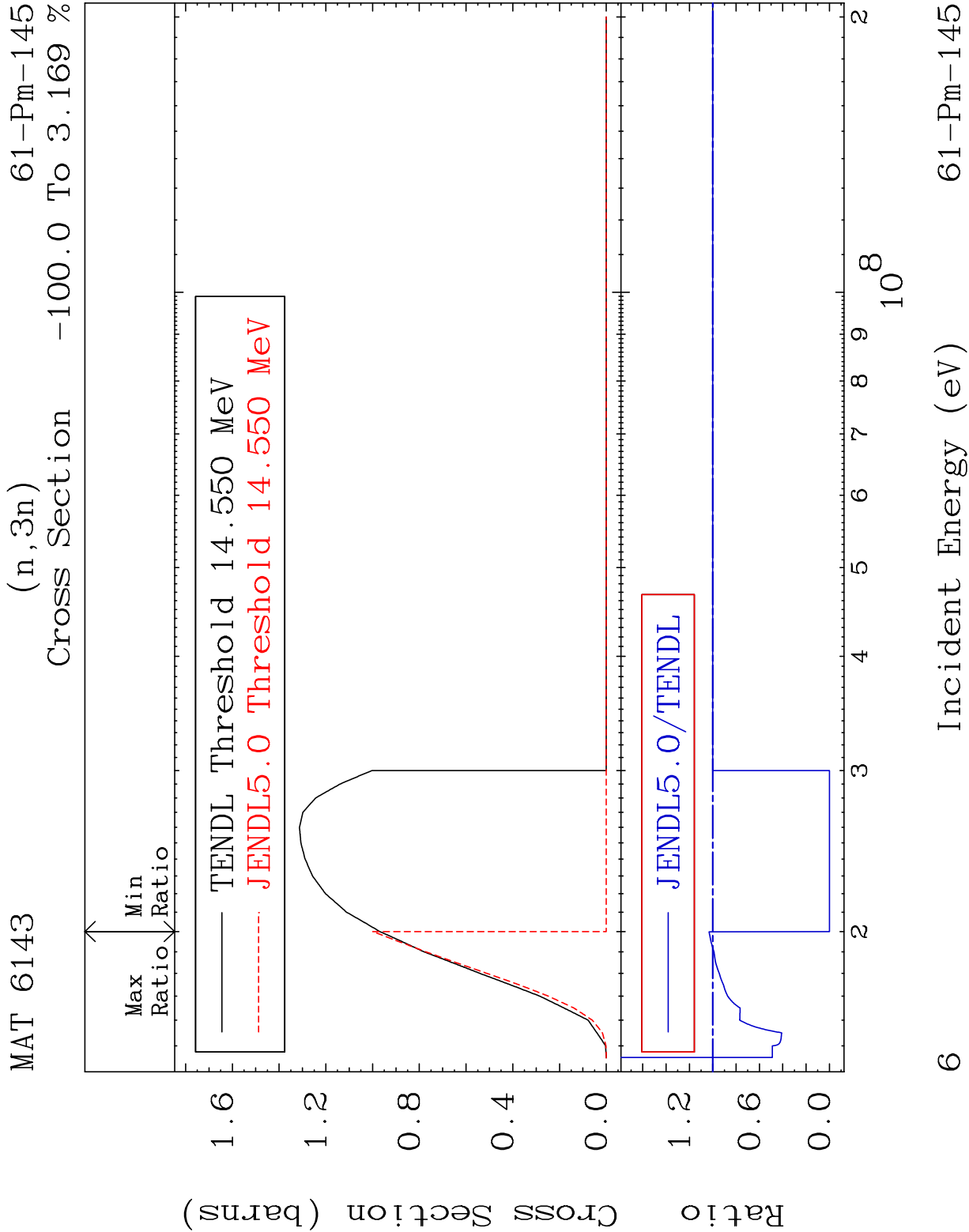


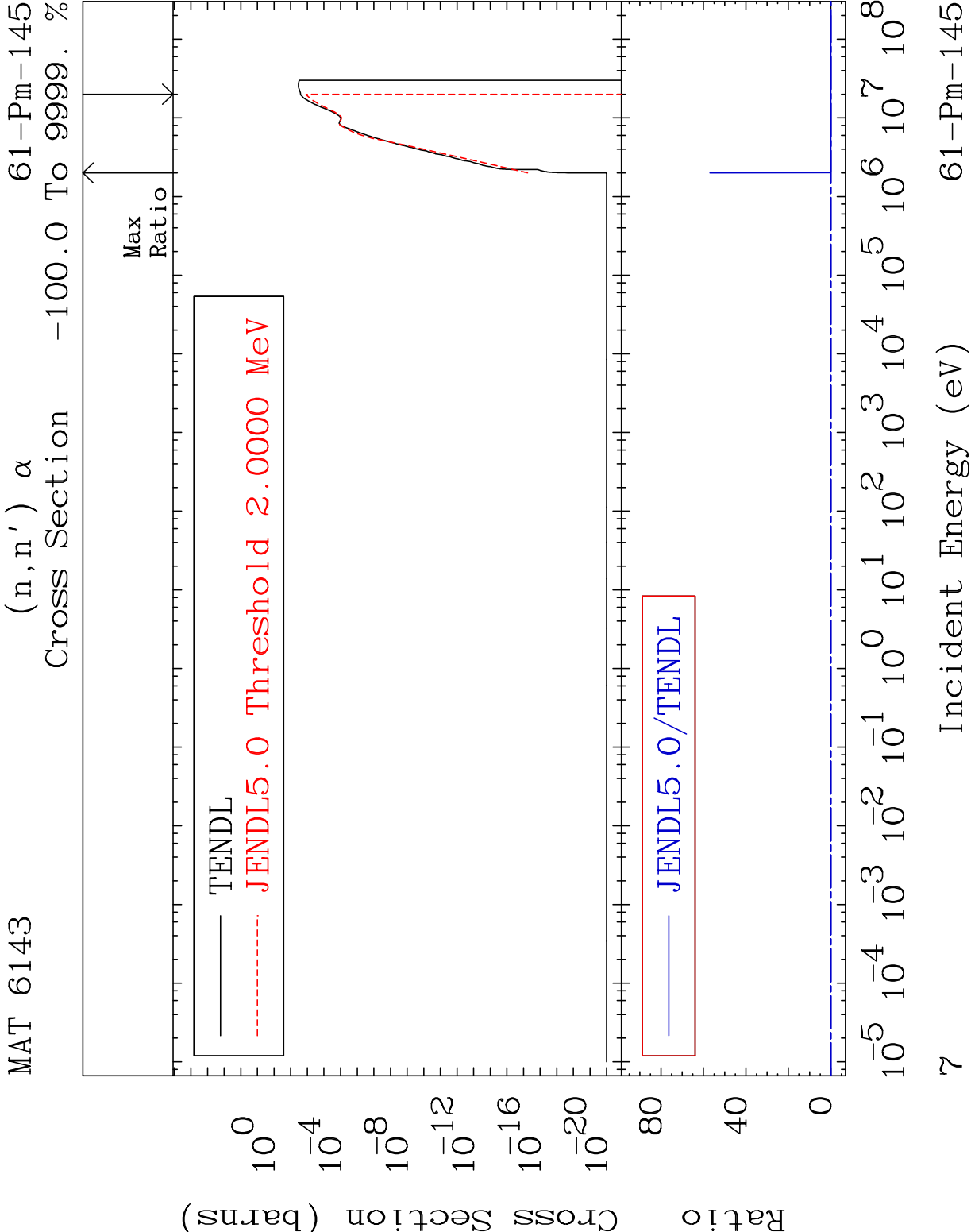
2

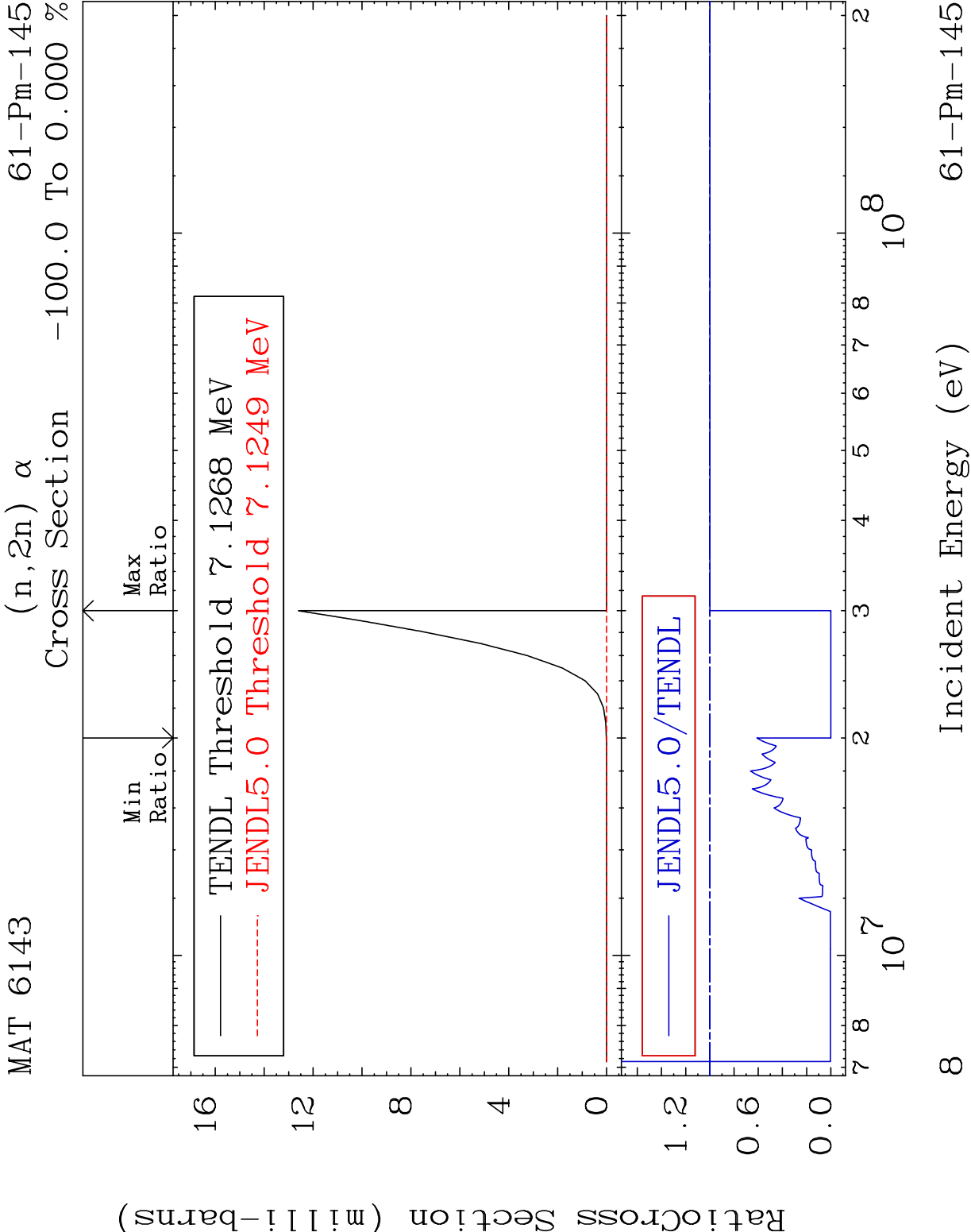


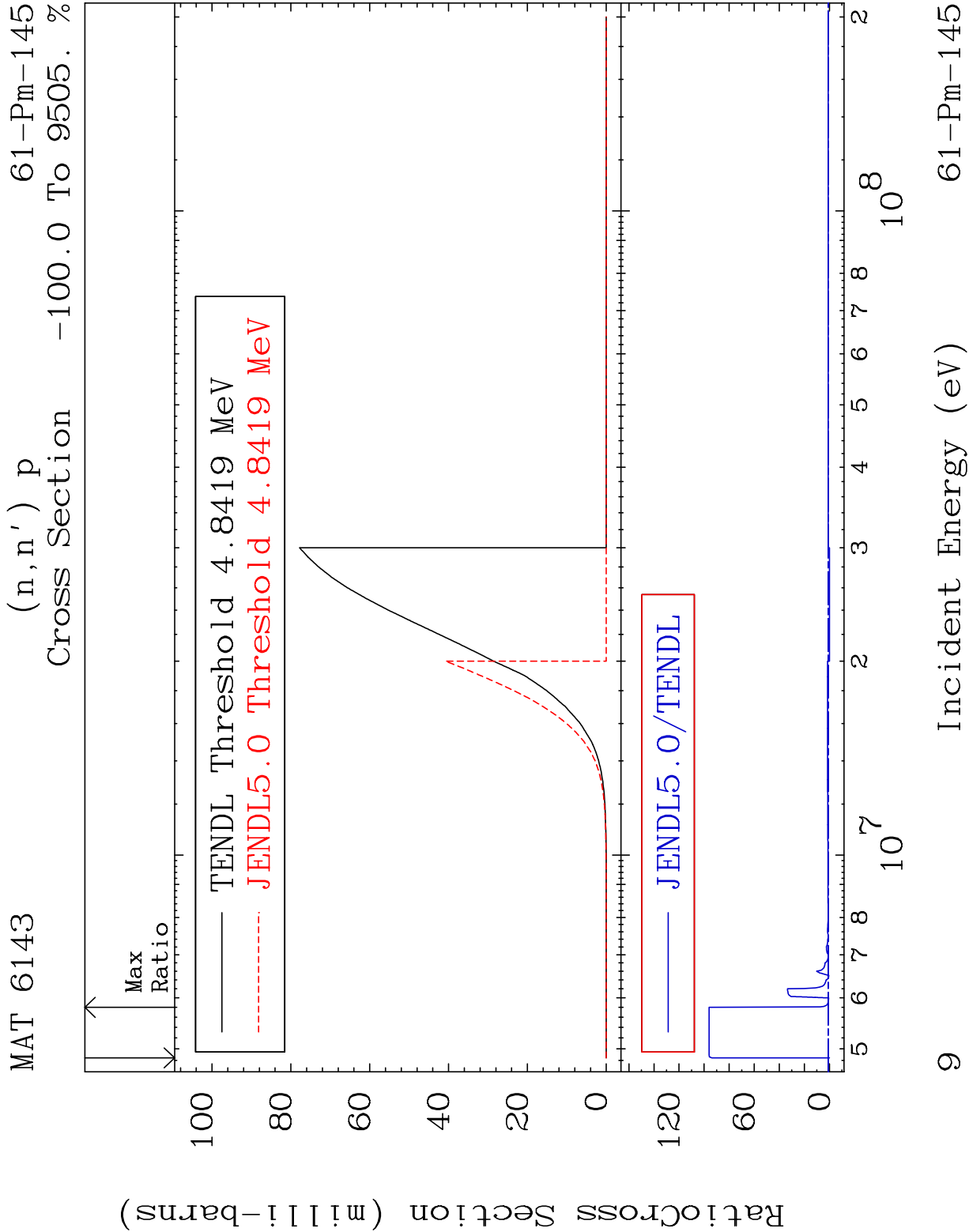










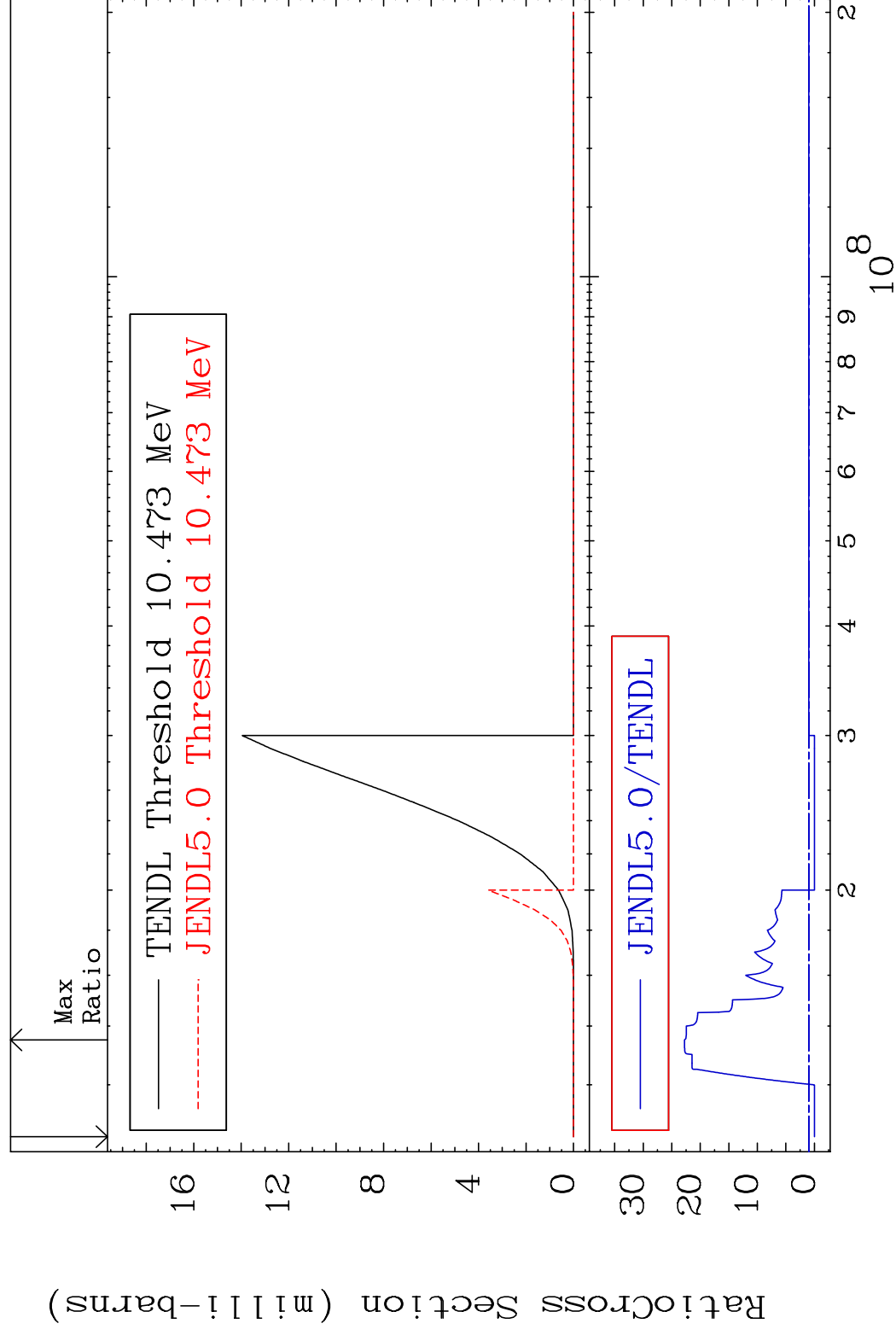


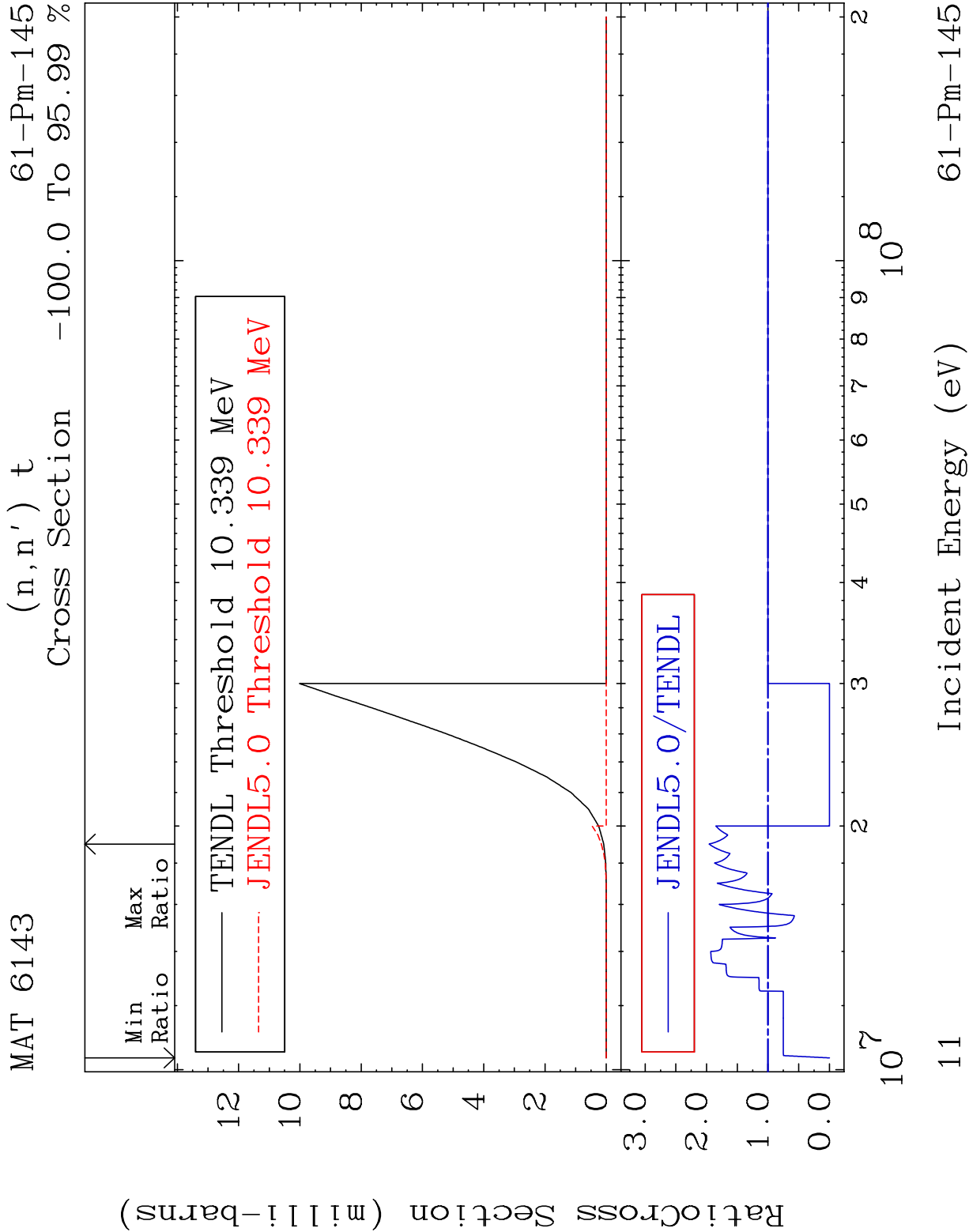
MAT 6143

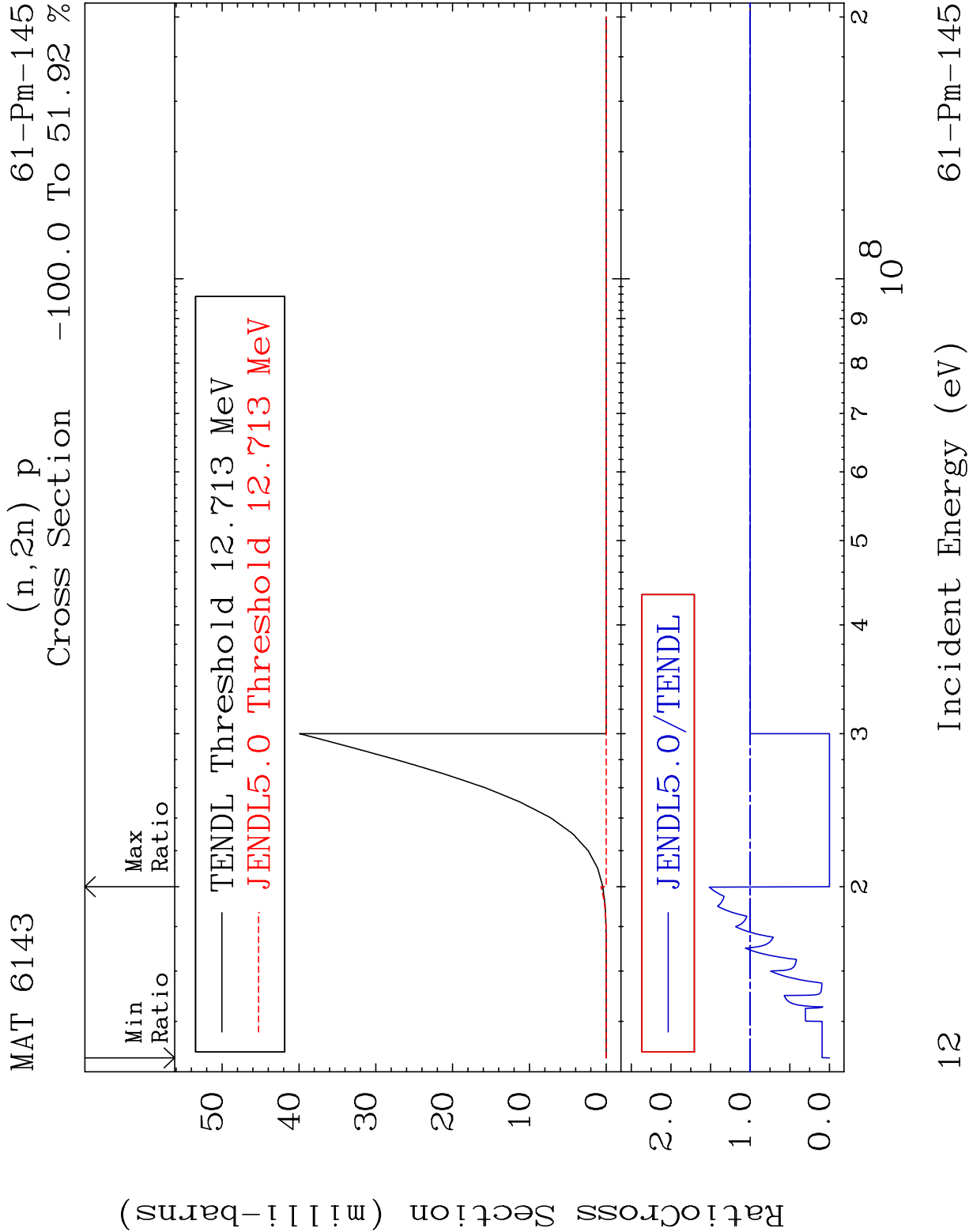
$$(n, n') \text{ d}$$

61-Pm-145

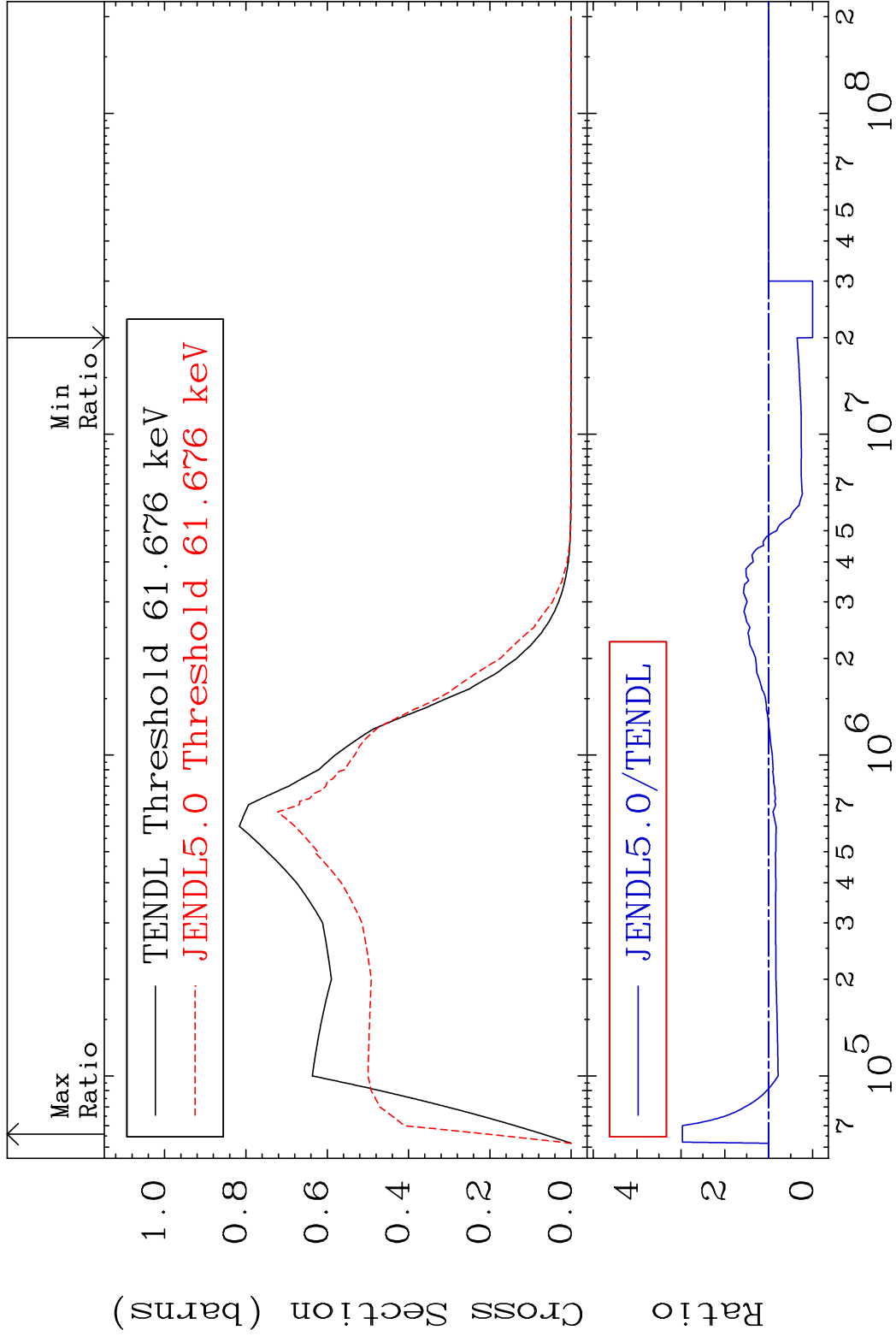
Cross Section -100.0 To 2177. %





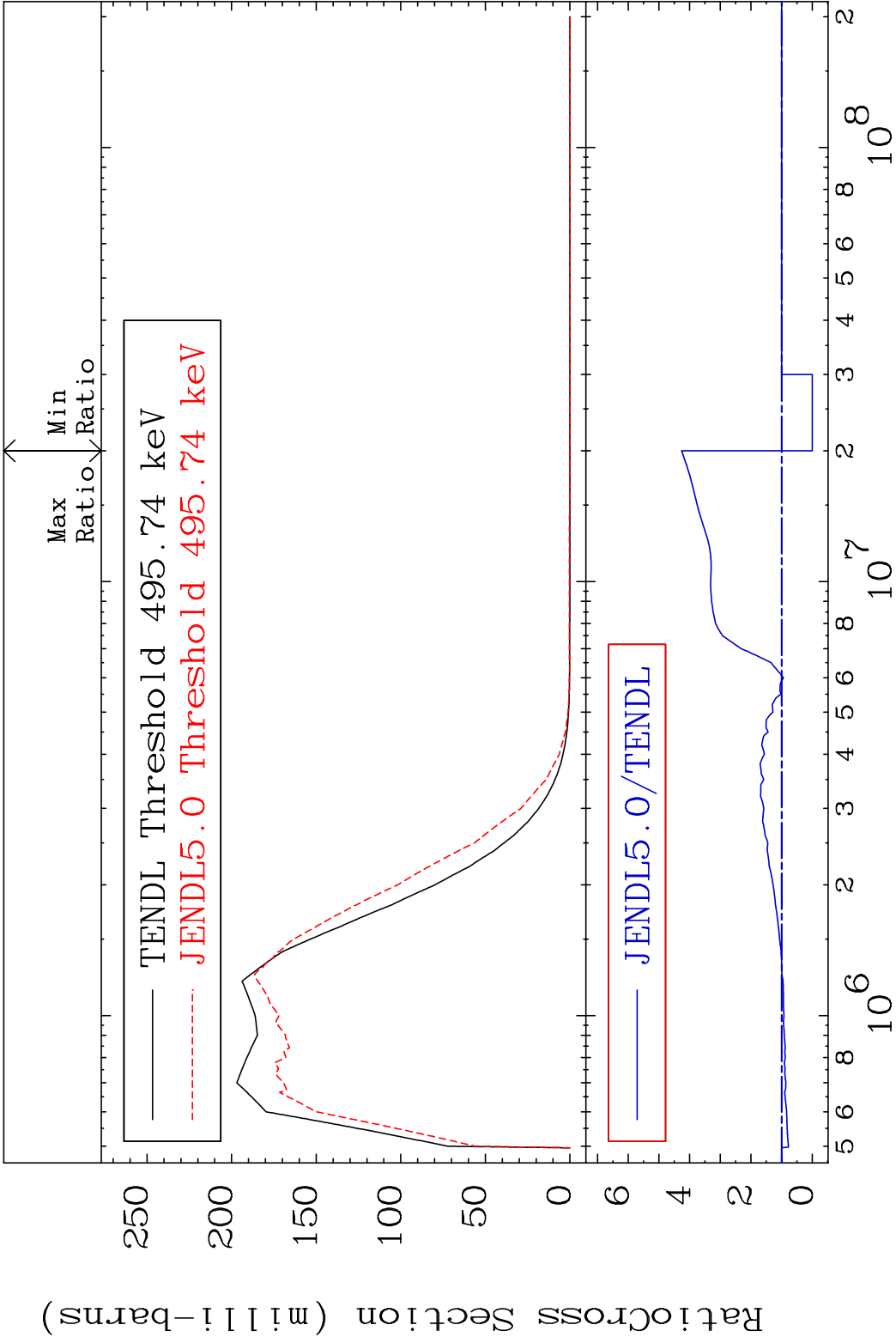


MAT 6143 MT= 51 (n,n') Level 61-Pm-145
Cross Section -100.0 To 196.7 %



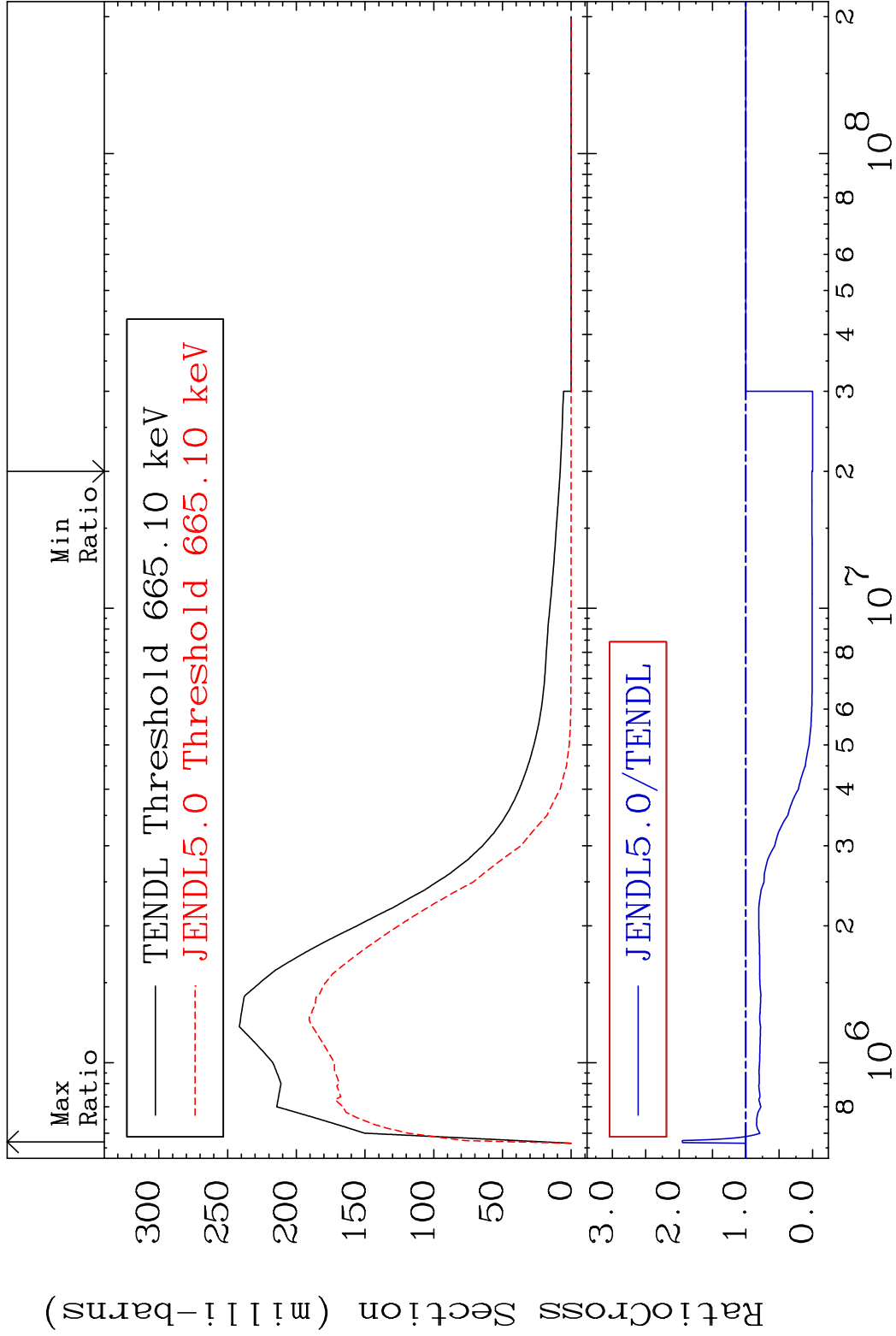
13 Incident Energy (eV) 61-Pm-145

MAT 6143 MT= 52 (n,n') Level 61-Pm-145
 Cross Section -100.0 To 326.2 %

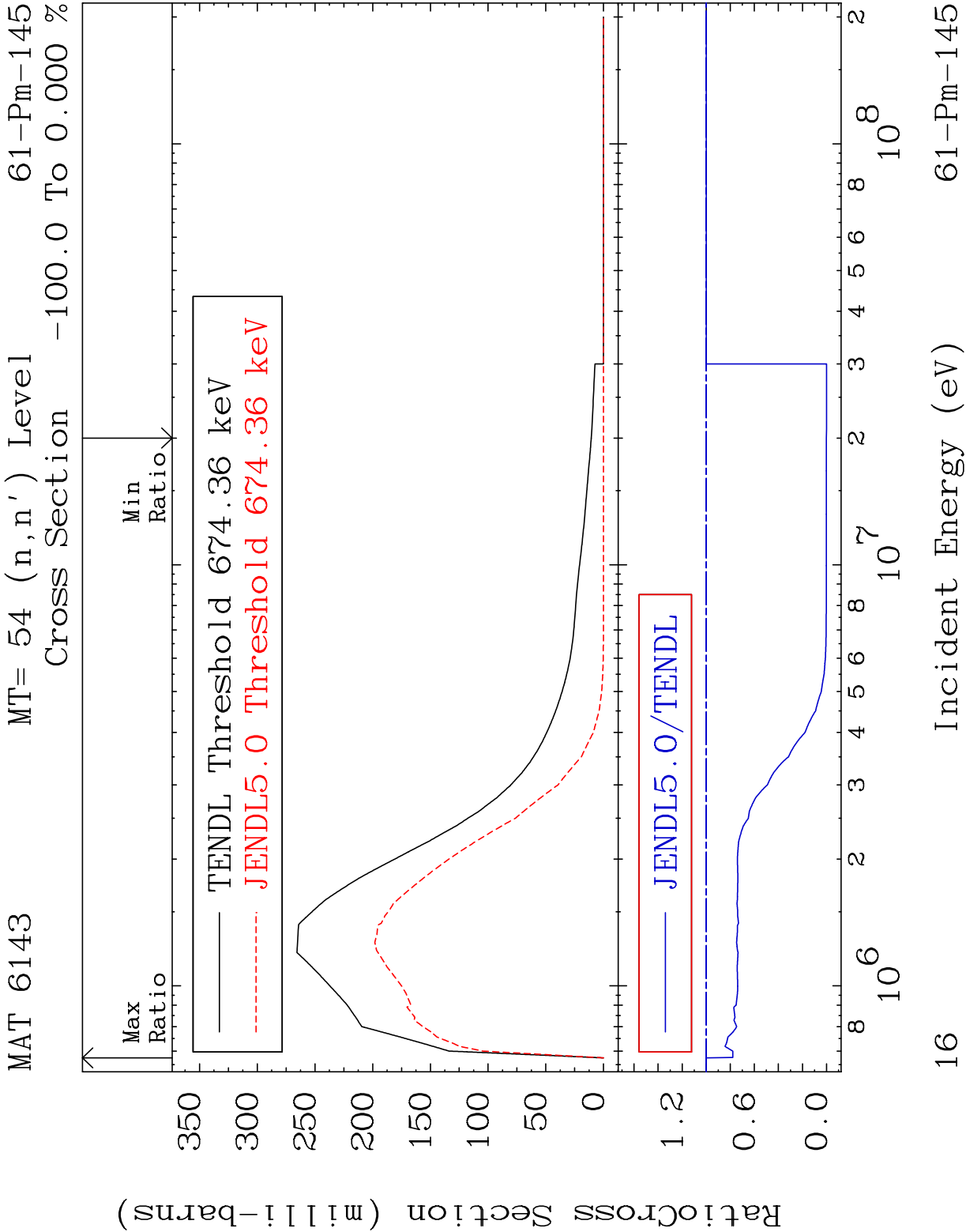


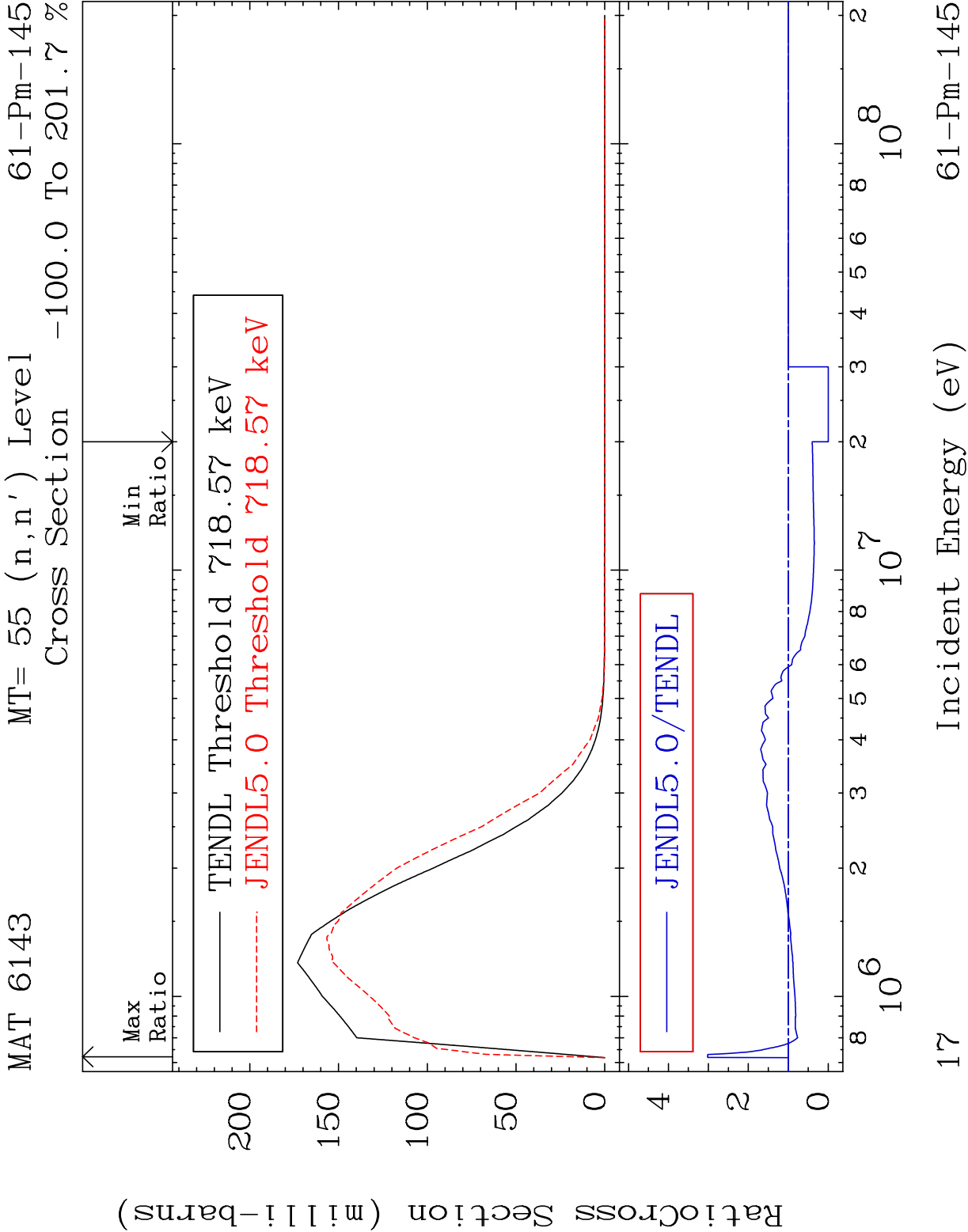
14 Incident Energy (eV) 61-Pm-145

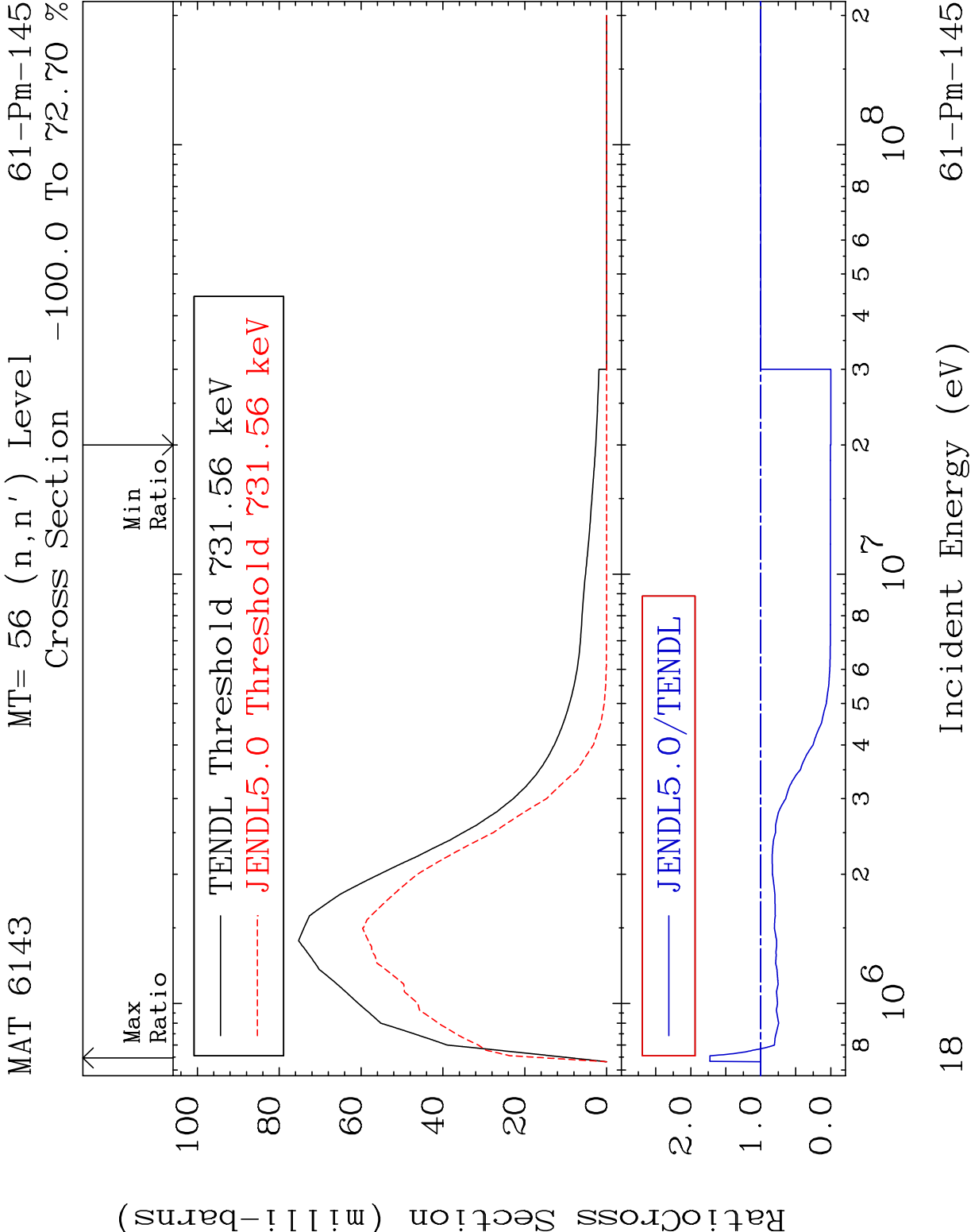
MAT 6143 MT= 53 (n,n') Level 61-Pm-145
Cross Section -100.0 To 95.14 %



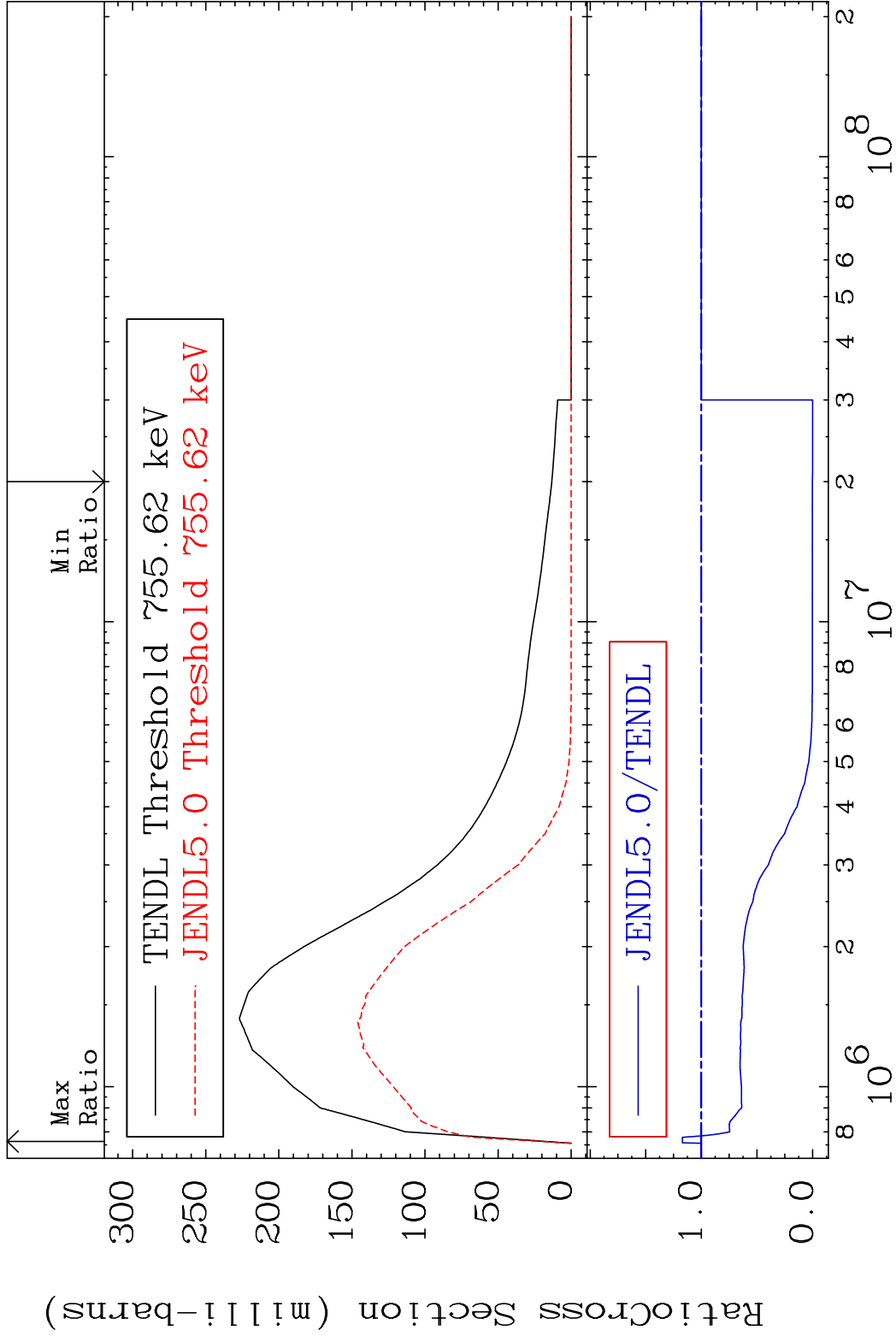
15 Incident Energy (eV) 61-Pm-145



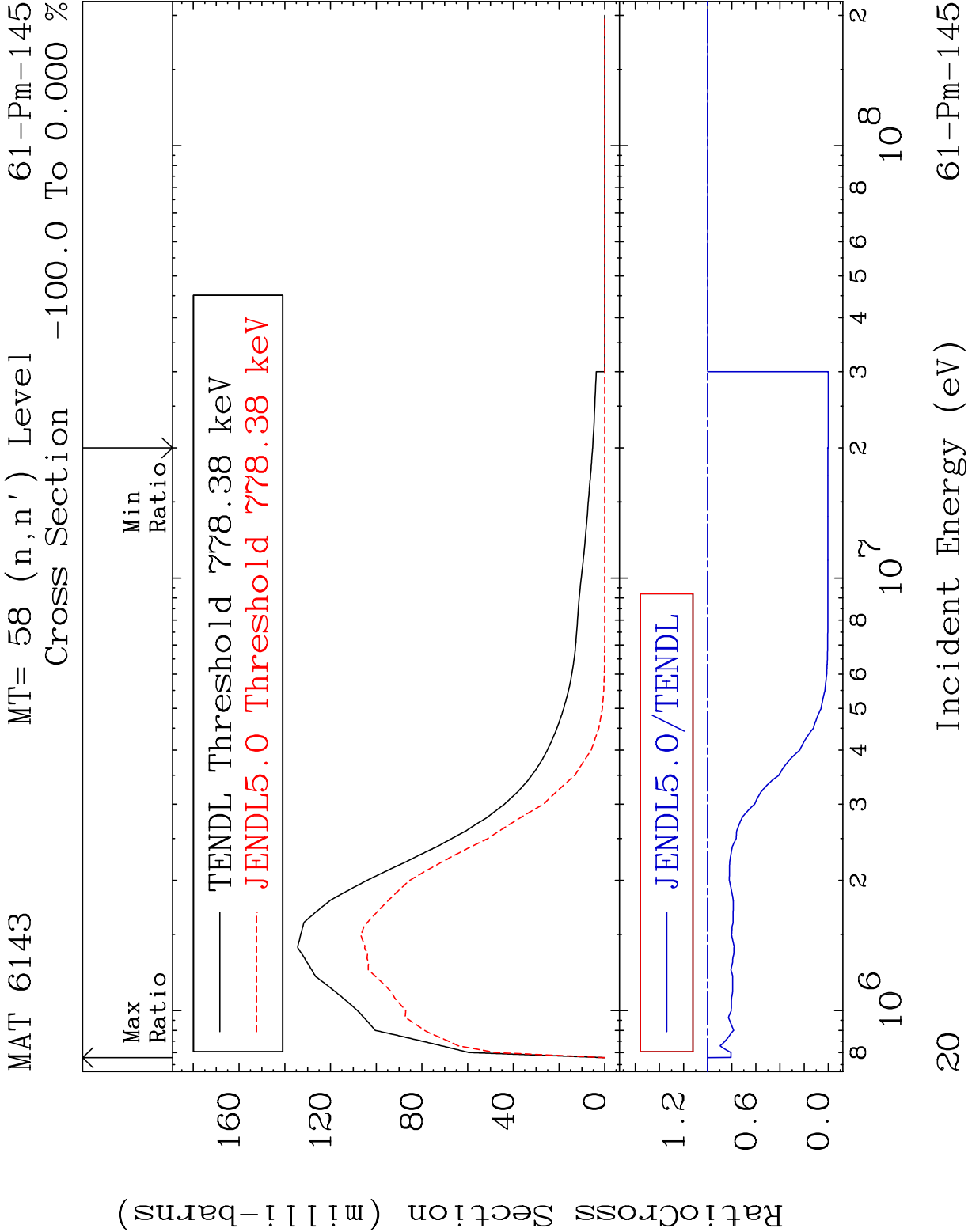




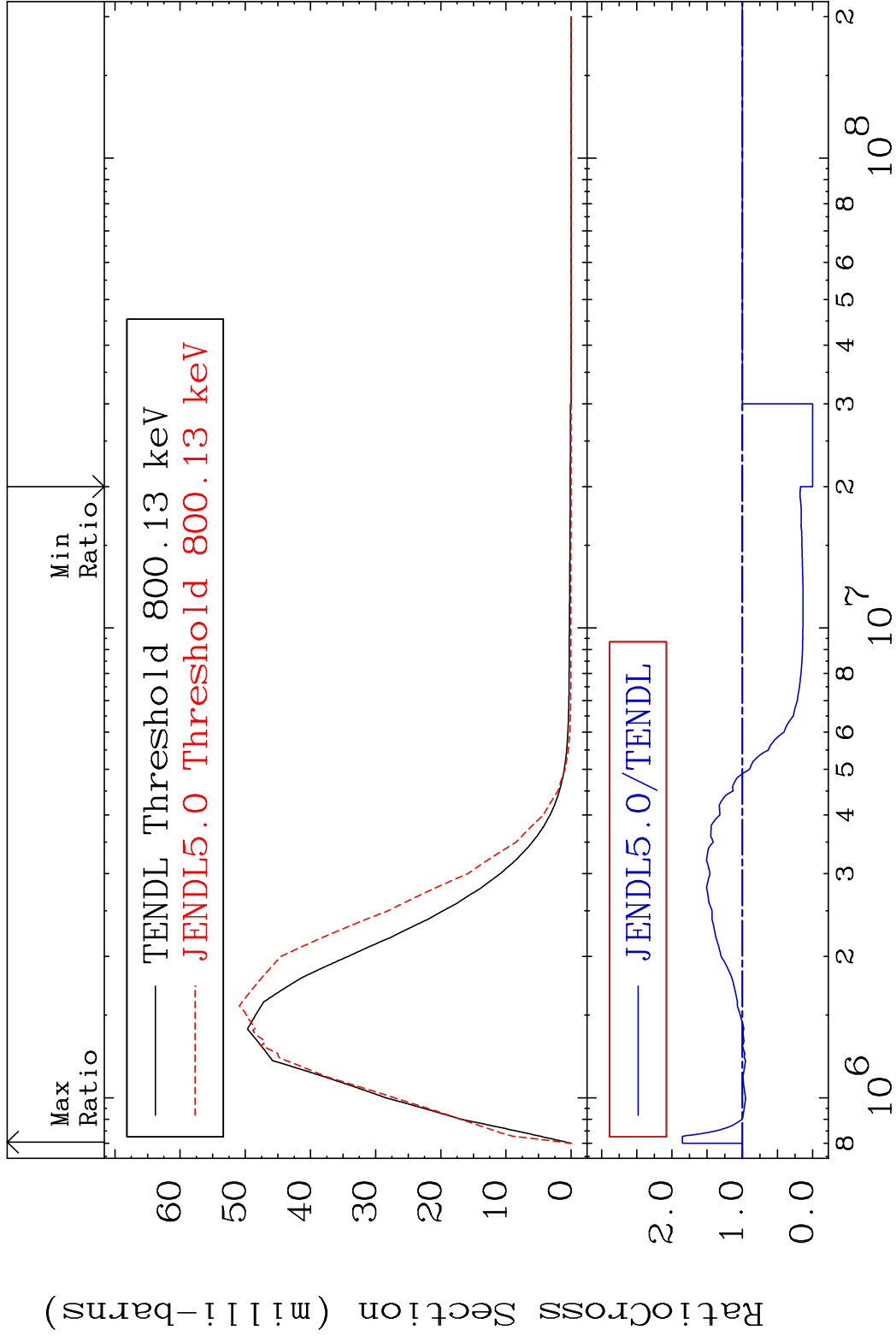
MAT 6143 MT= 57 (n,n') Level 61-Pm-145
Cross Section -100.0 To 17.08 %



19 Incident Energy (eV) 61-Pm-145

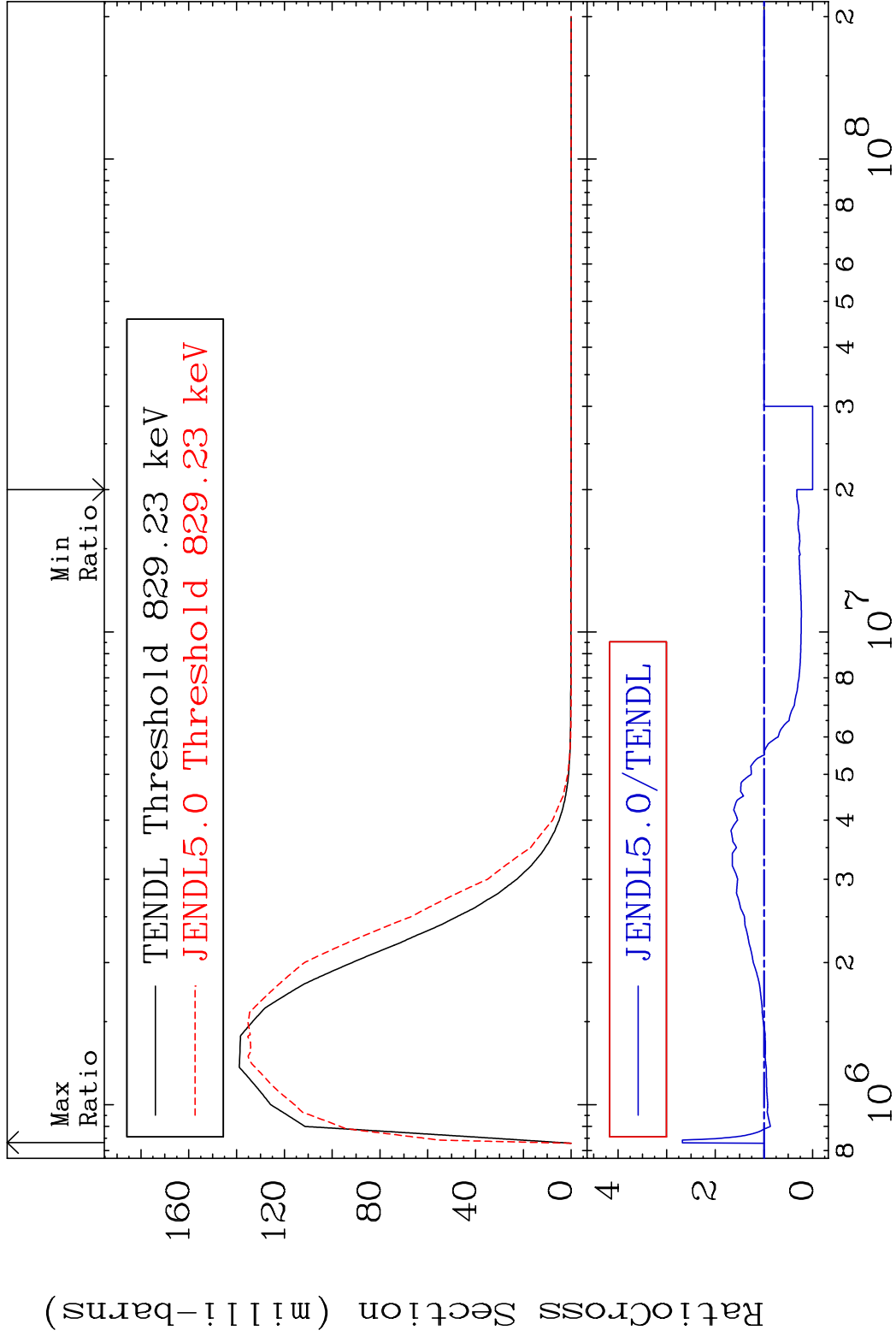


MAT 6143 MT= 59 (n,n') Level 61-Pm-145
Cross Section -100.0 To 85.24 %

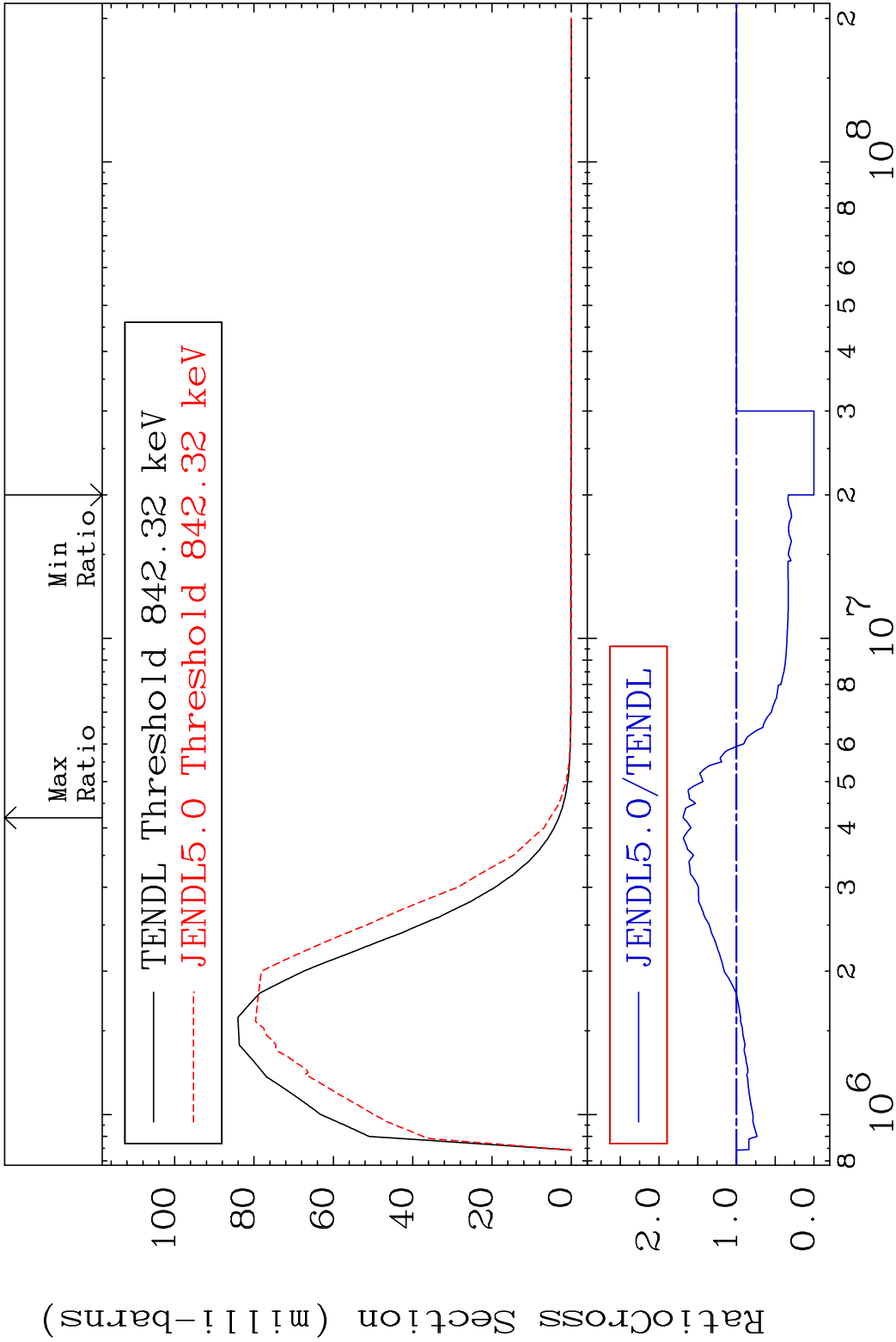


21 Incident Energy (eV) 61-Pm-145

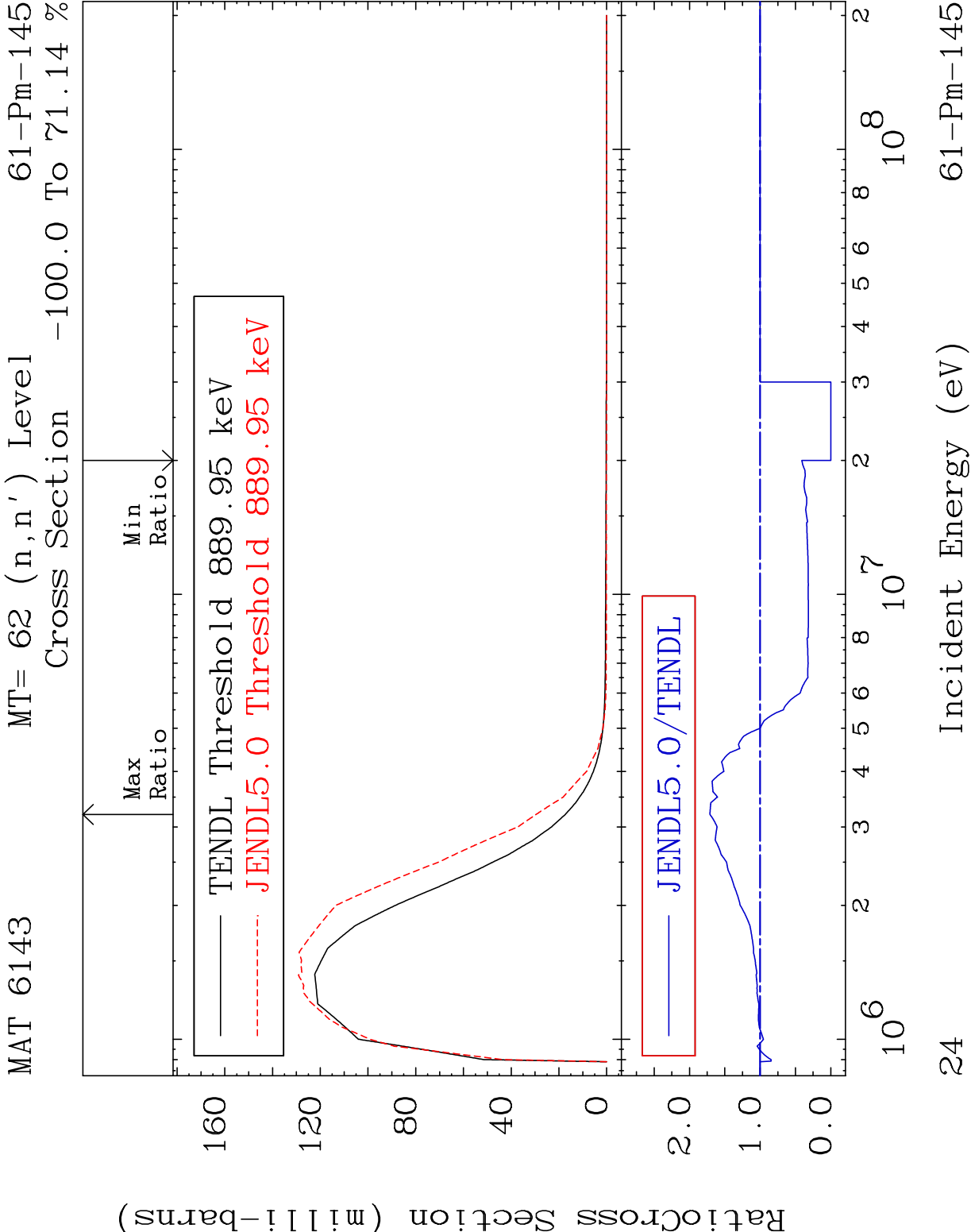
MAT 6143 MT= 60 (n,n') Level 61-Pm-145
Cross Section -100.0 To 167.8 %

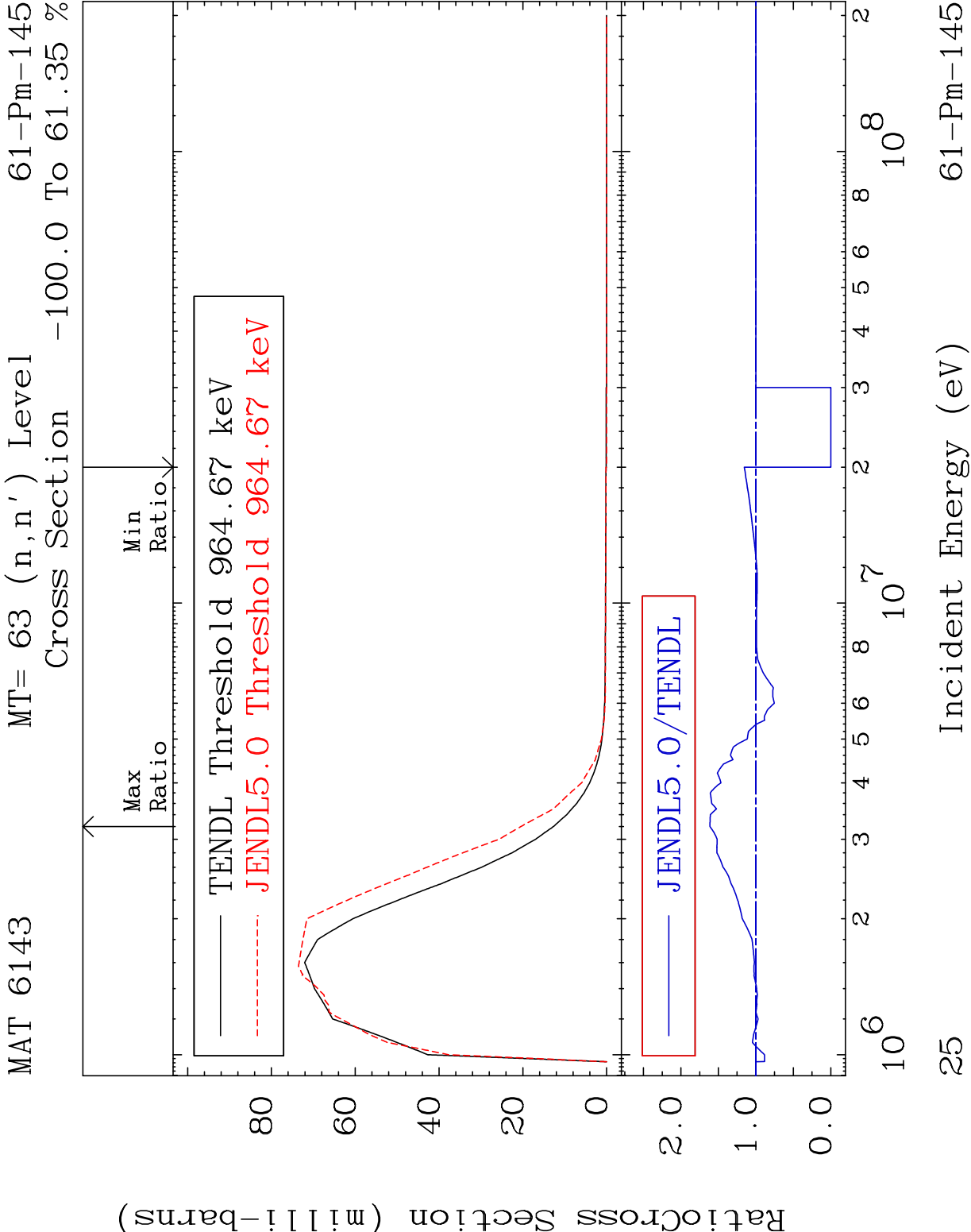


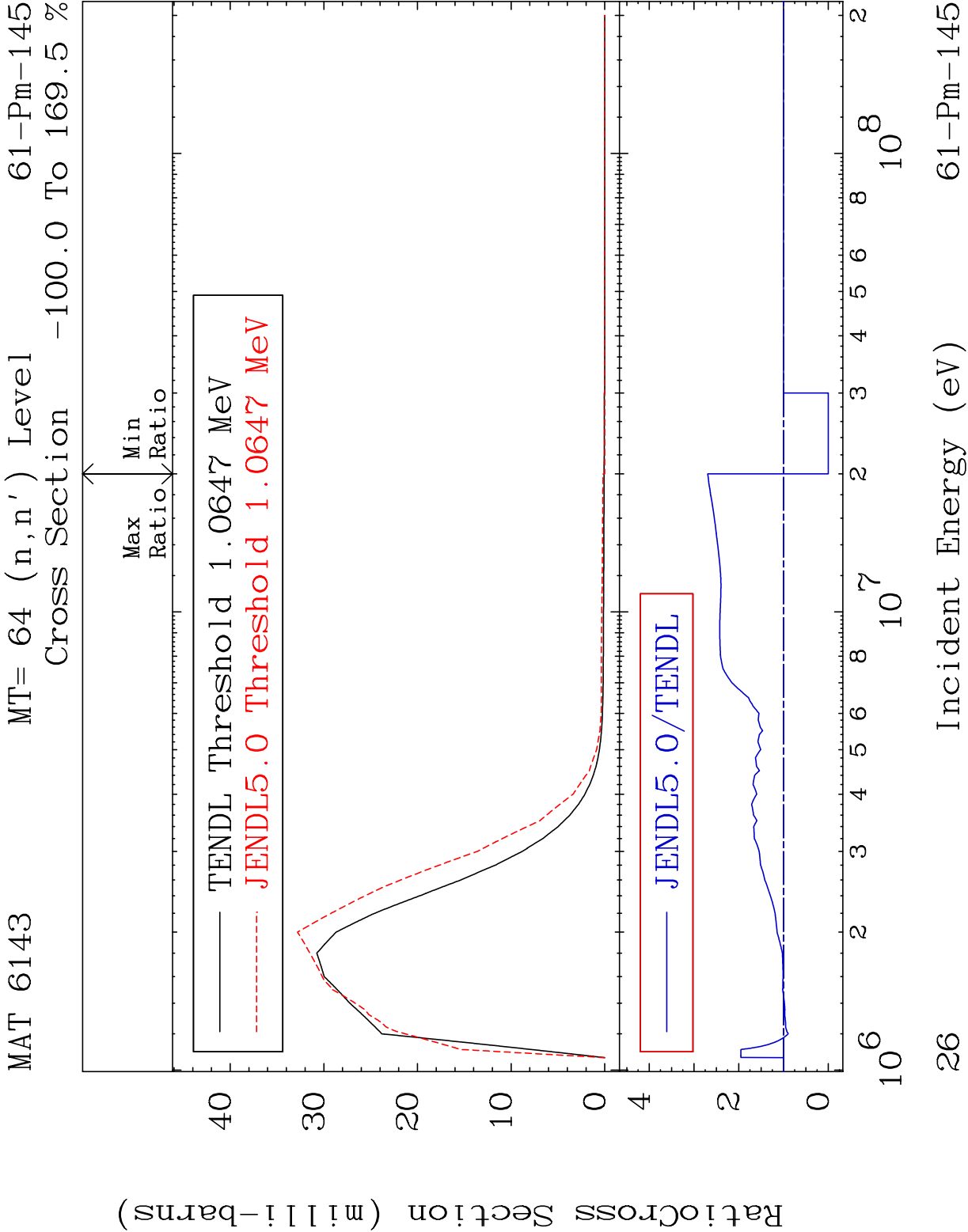
MAT 6143 MT= 61 (n,n') Level 61-Pm-145
Cross Section -100.0 To 68.96 %

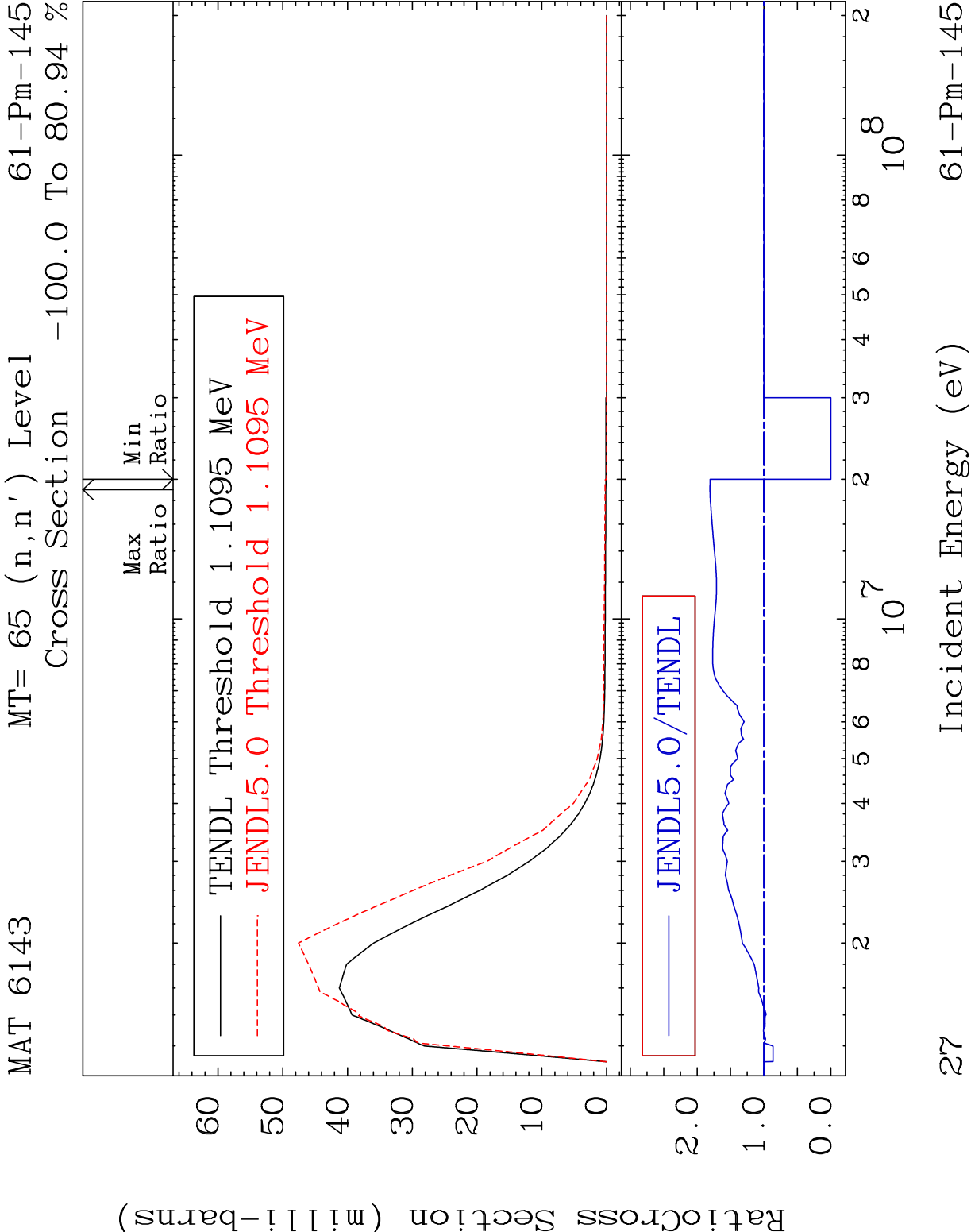


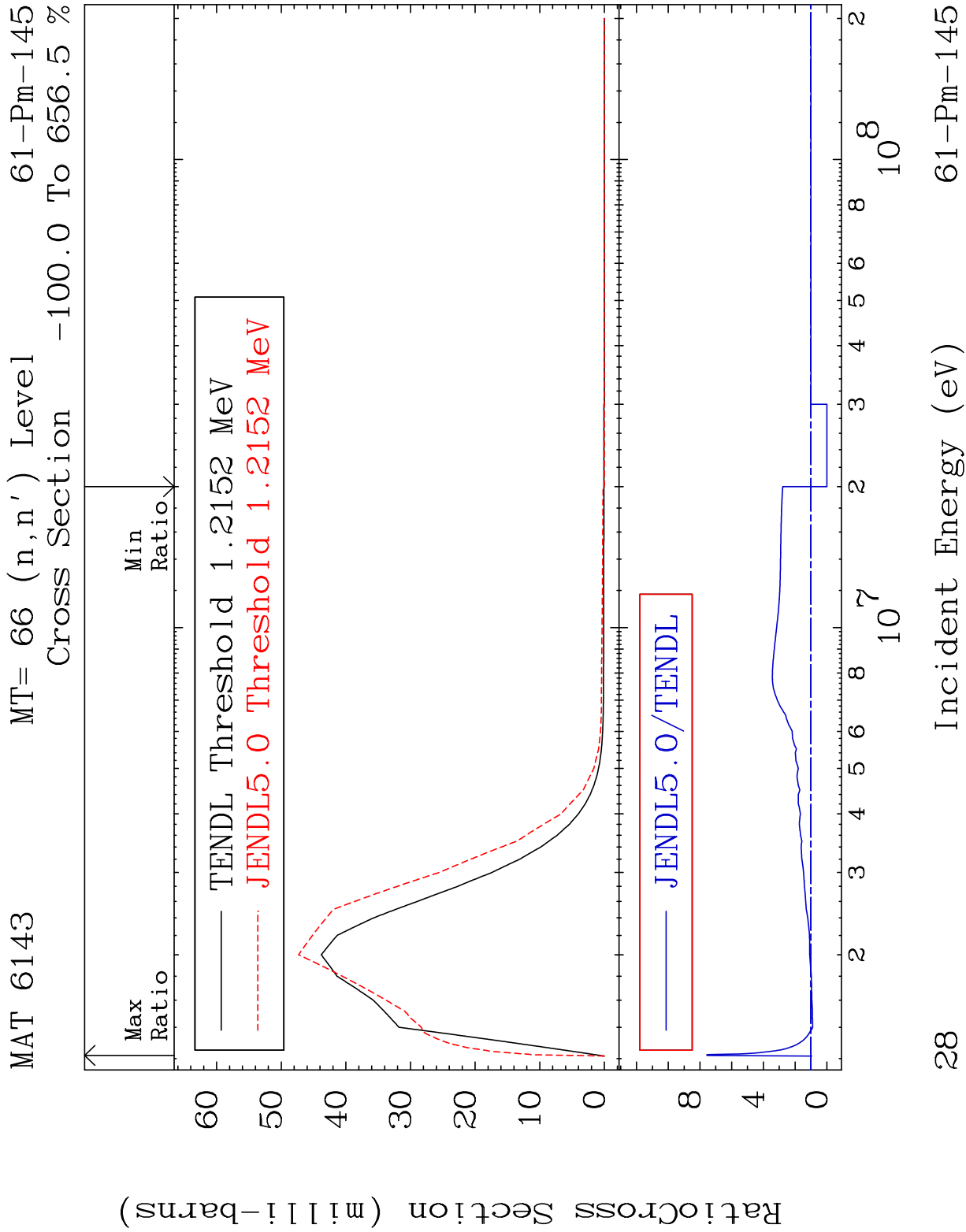
23 Incident Energy (eV) 61-Pm-145

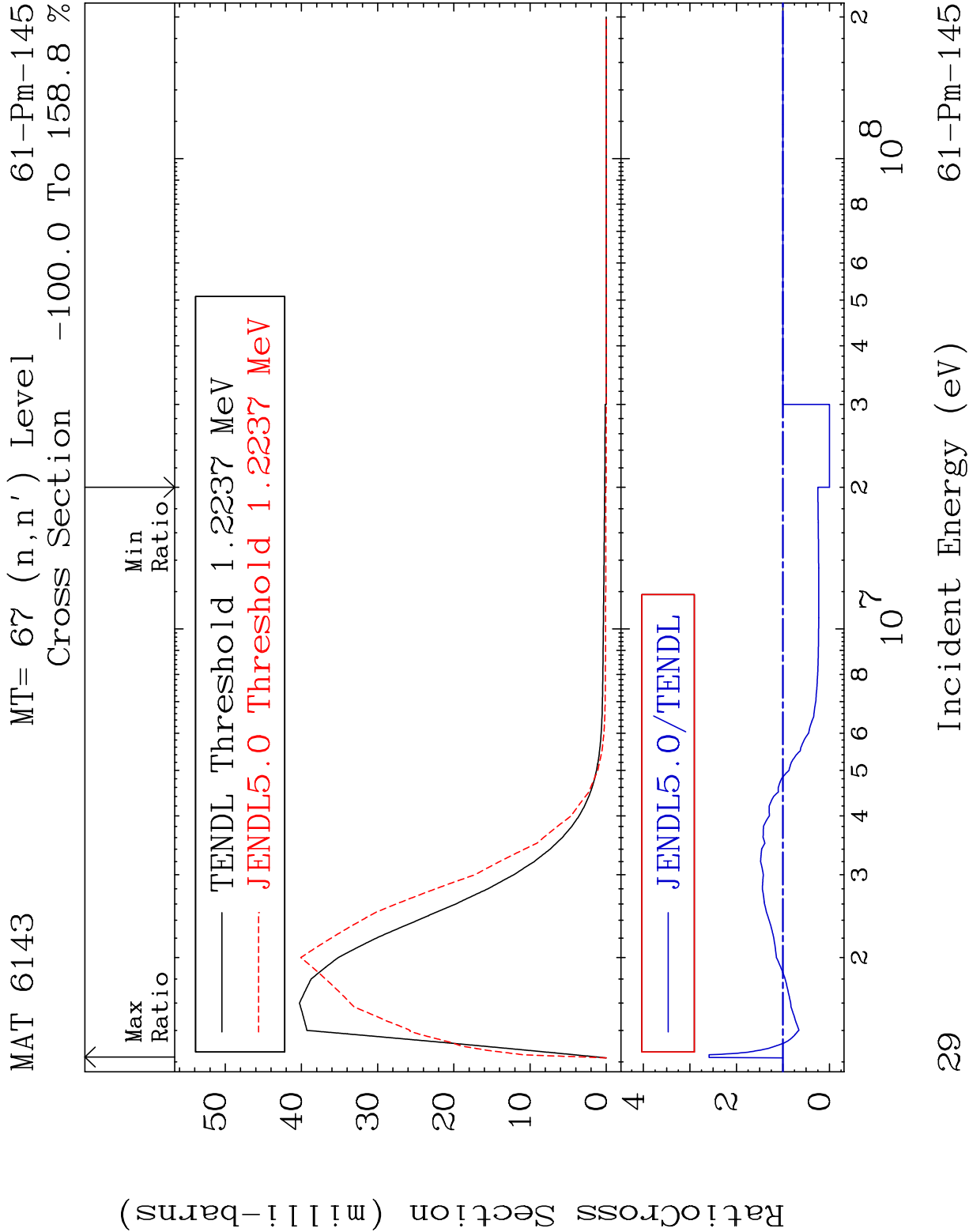


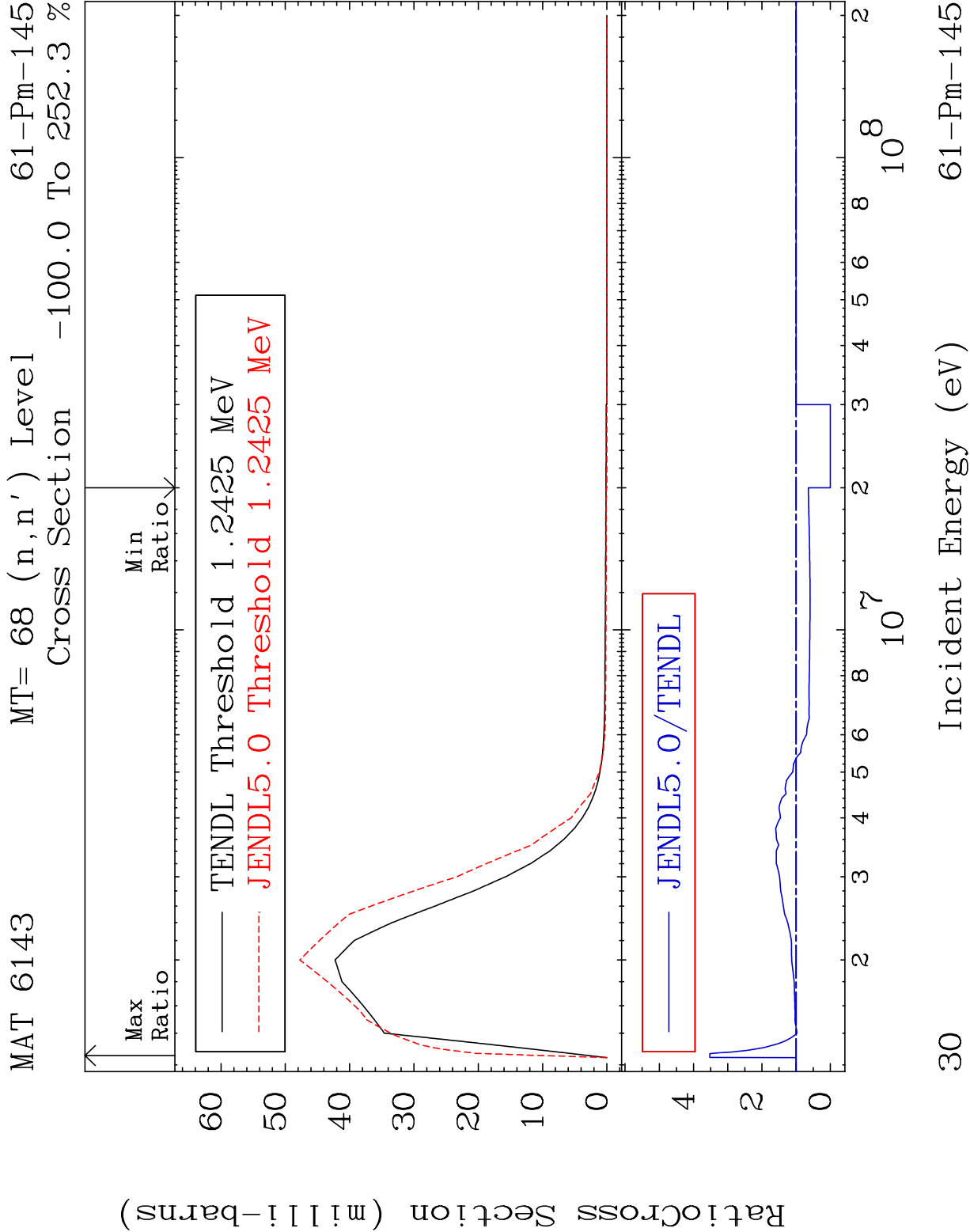


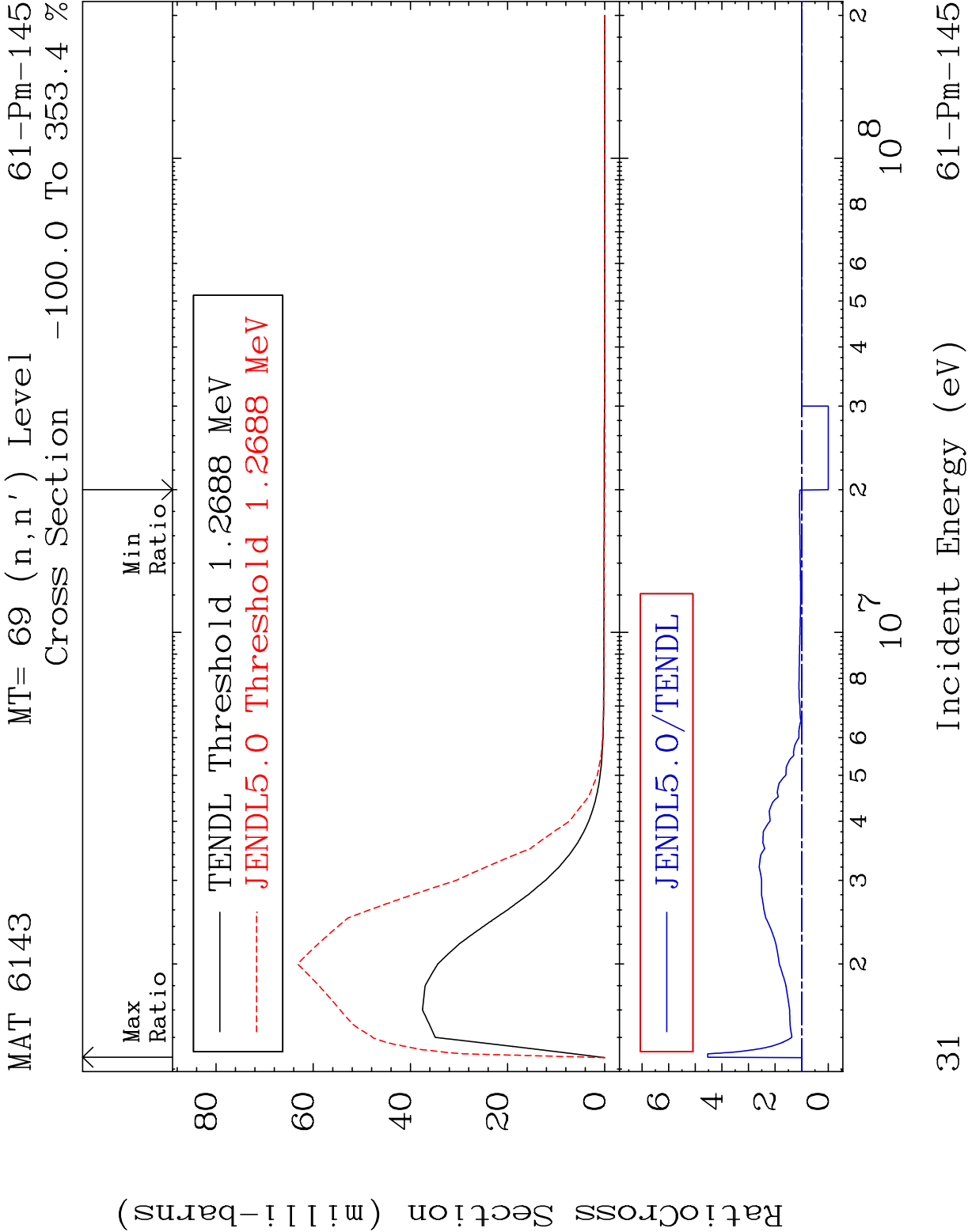


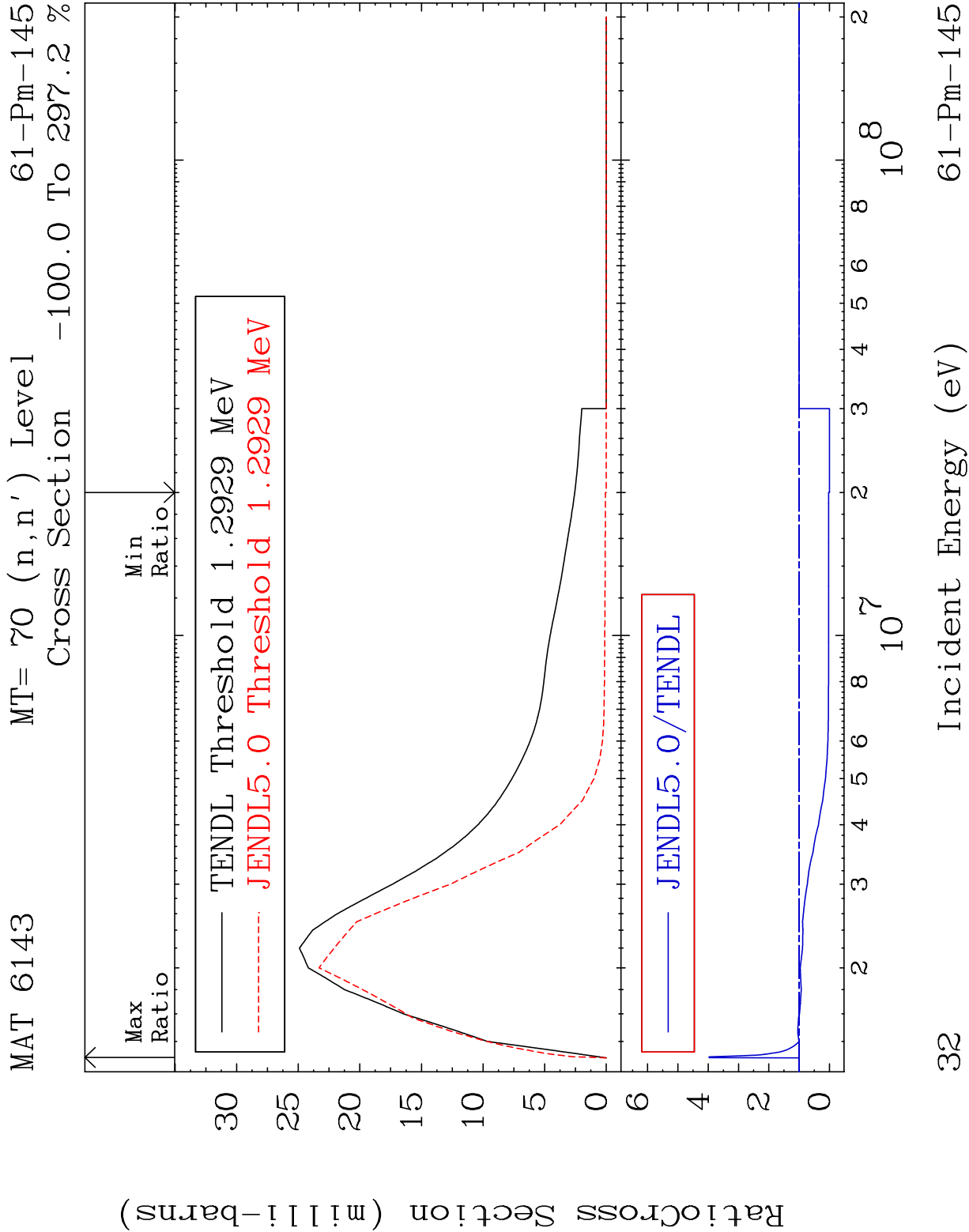


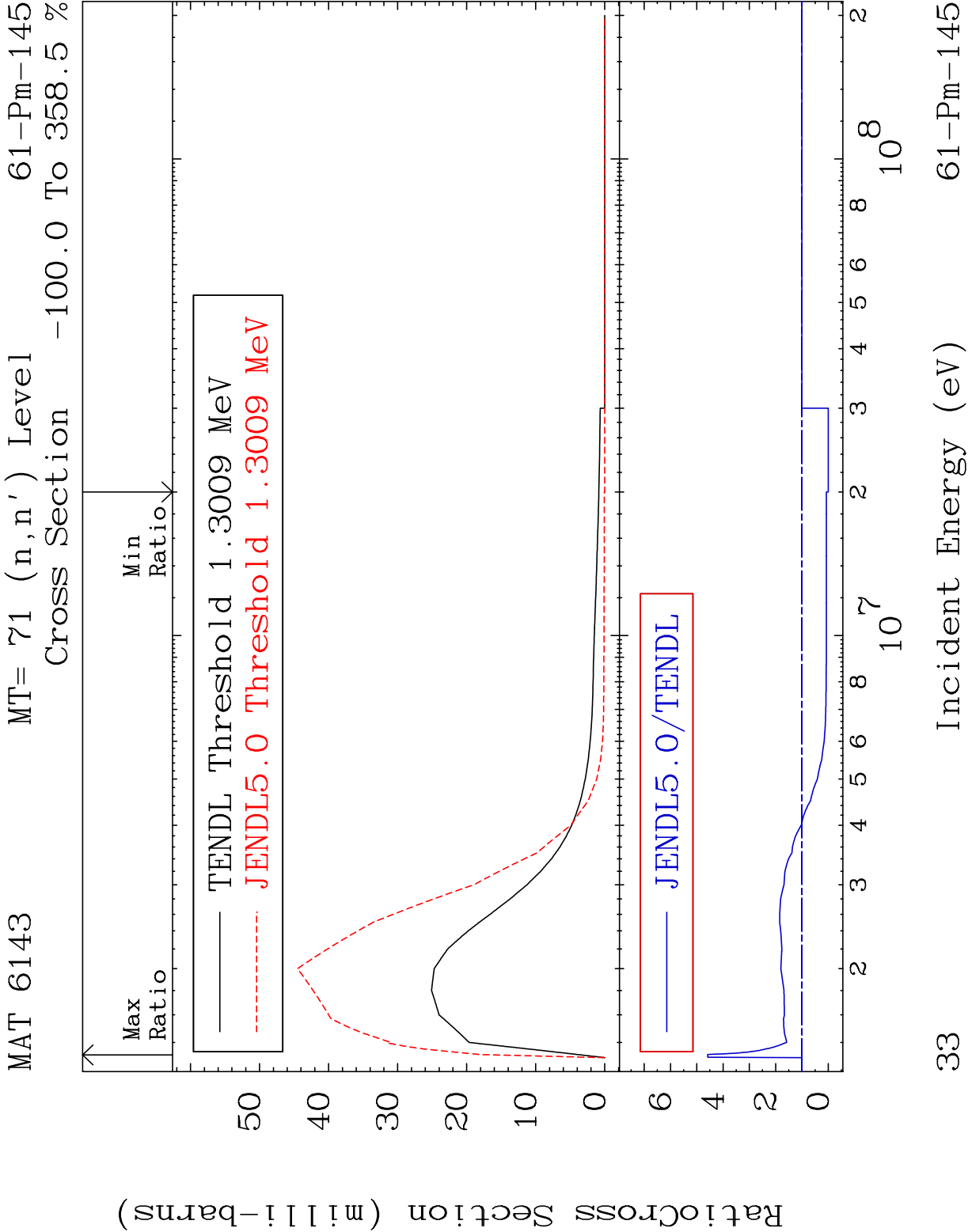












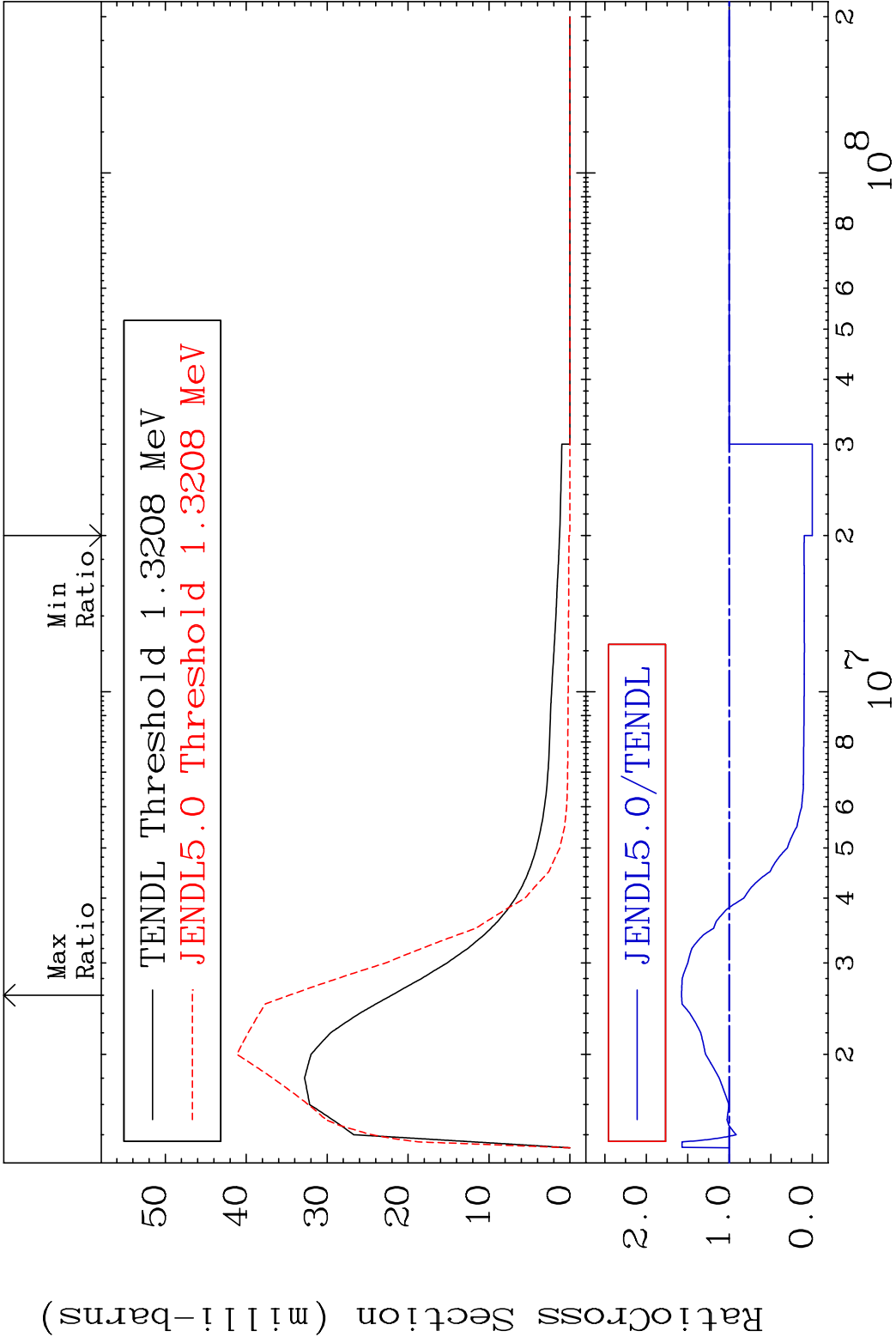
MAT 6143

MT= 72 (n,n') Level

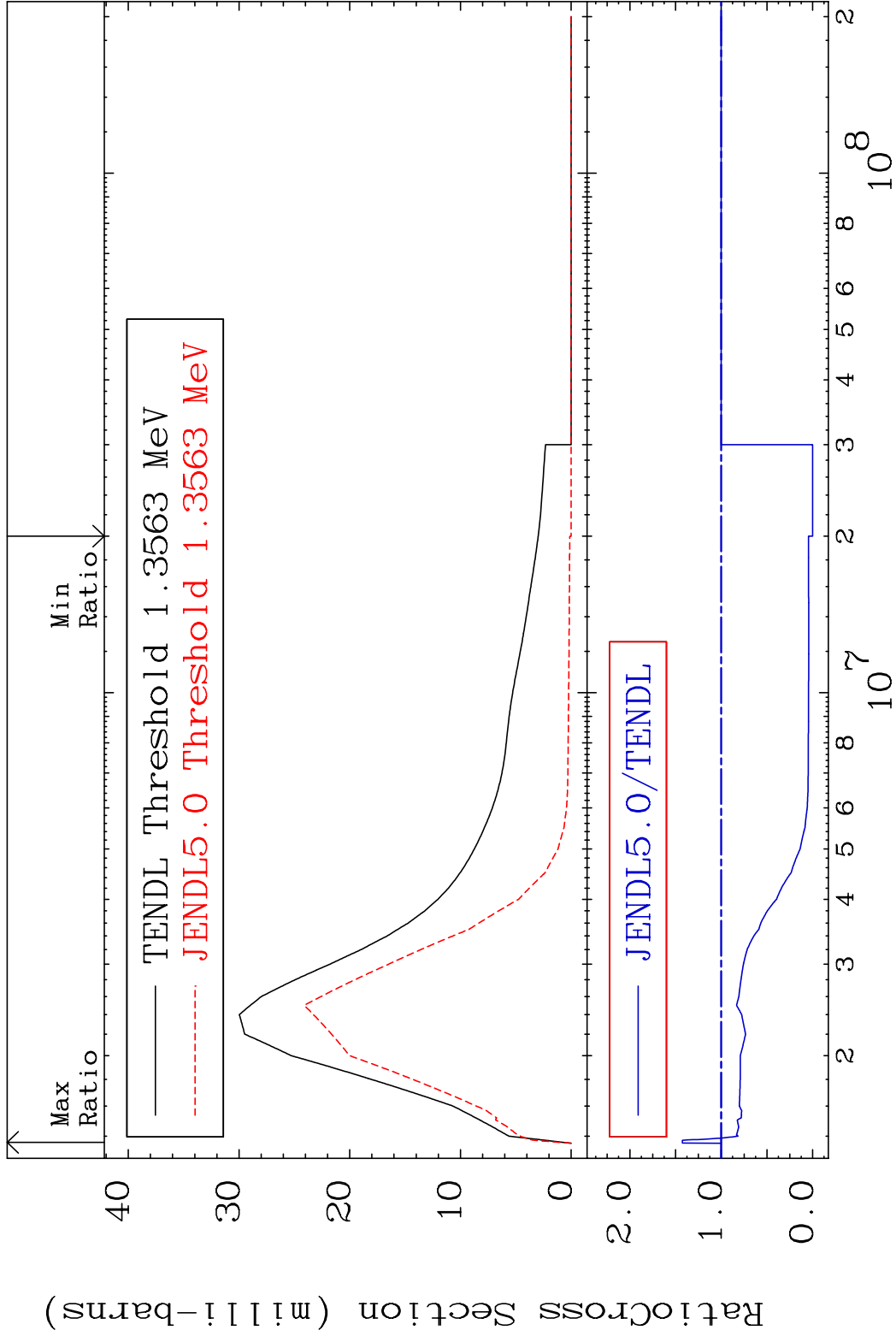
61-Pm-145

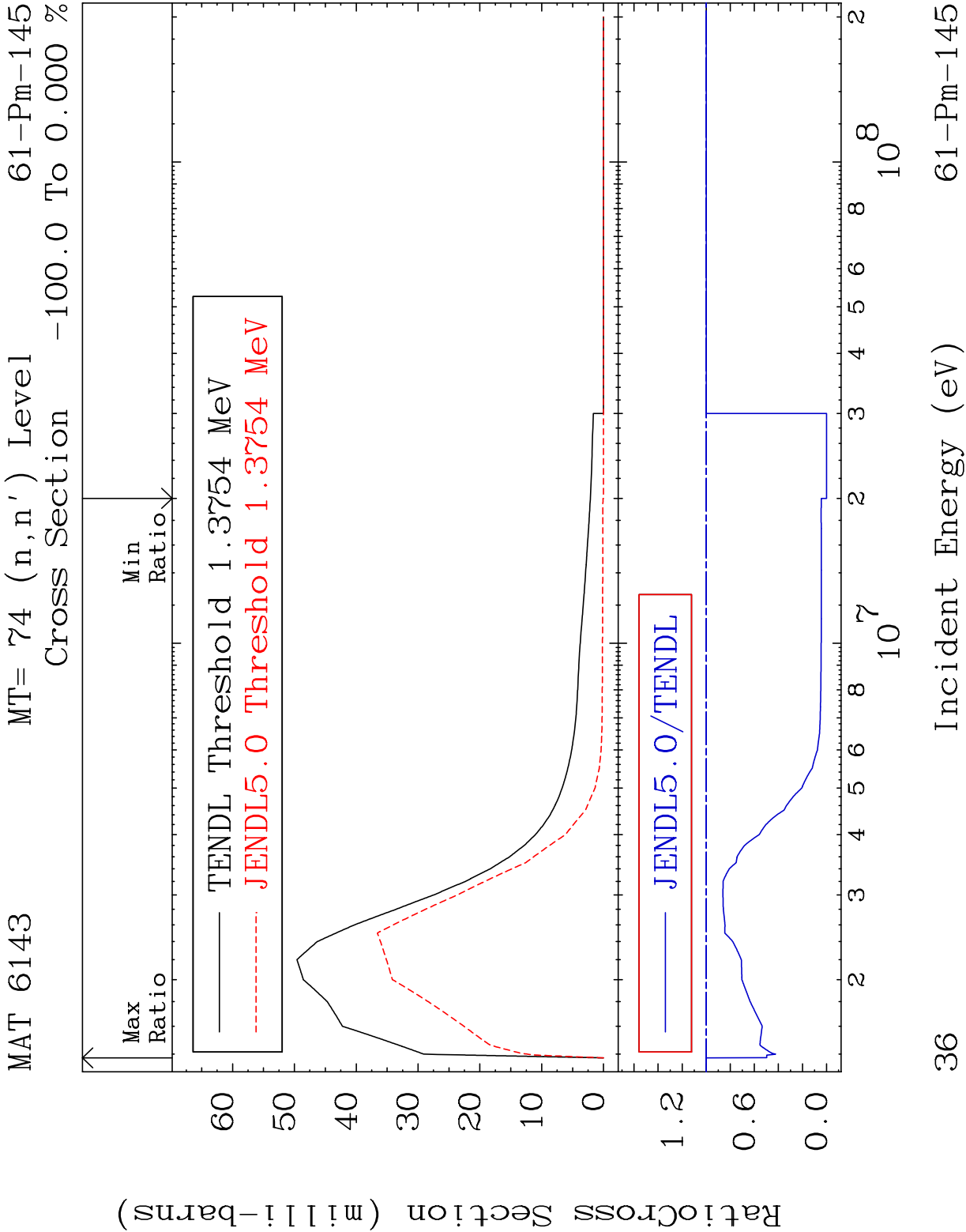
Cross Section

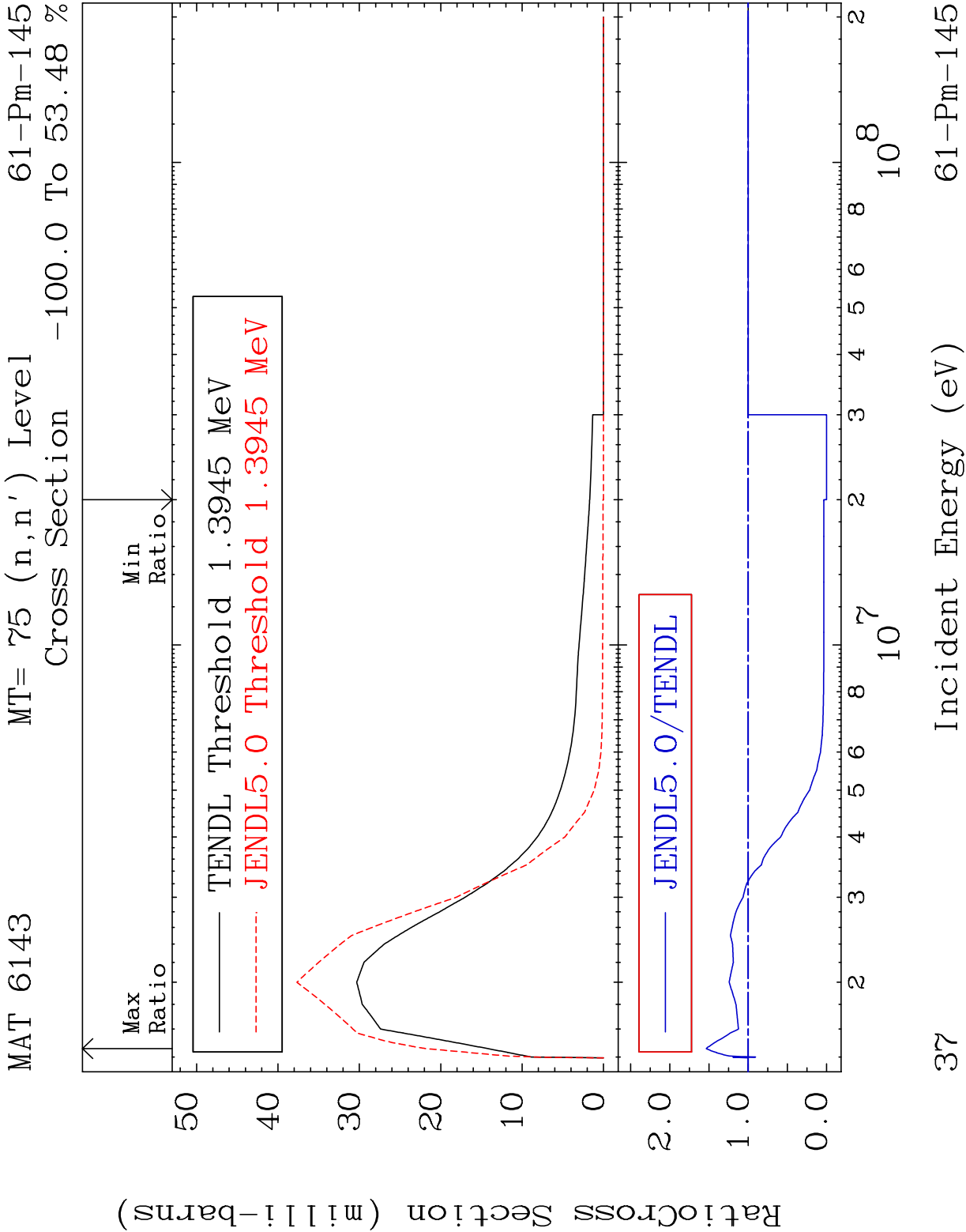
-100.0 To 57.55 %



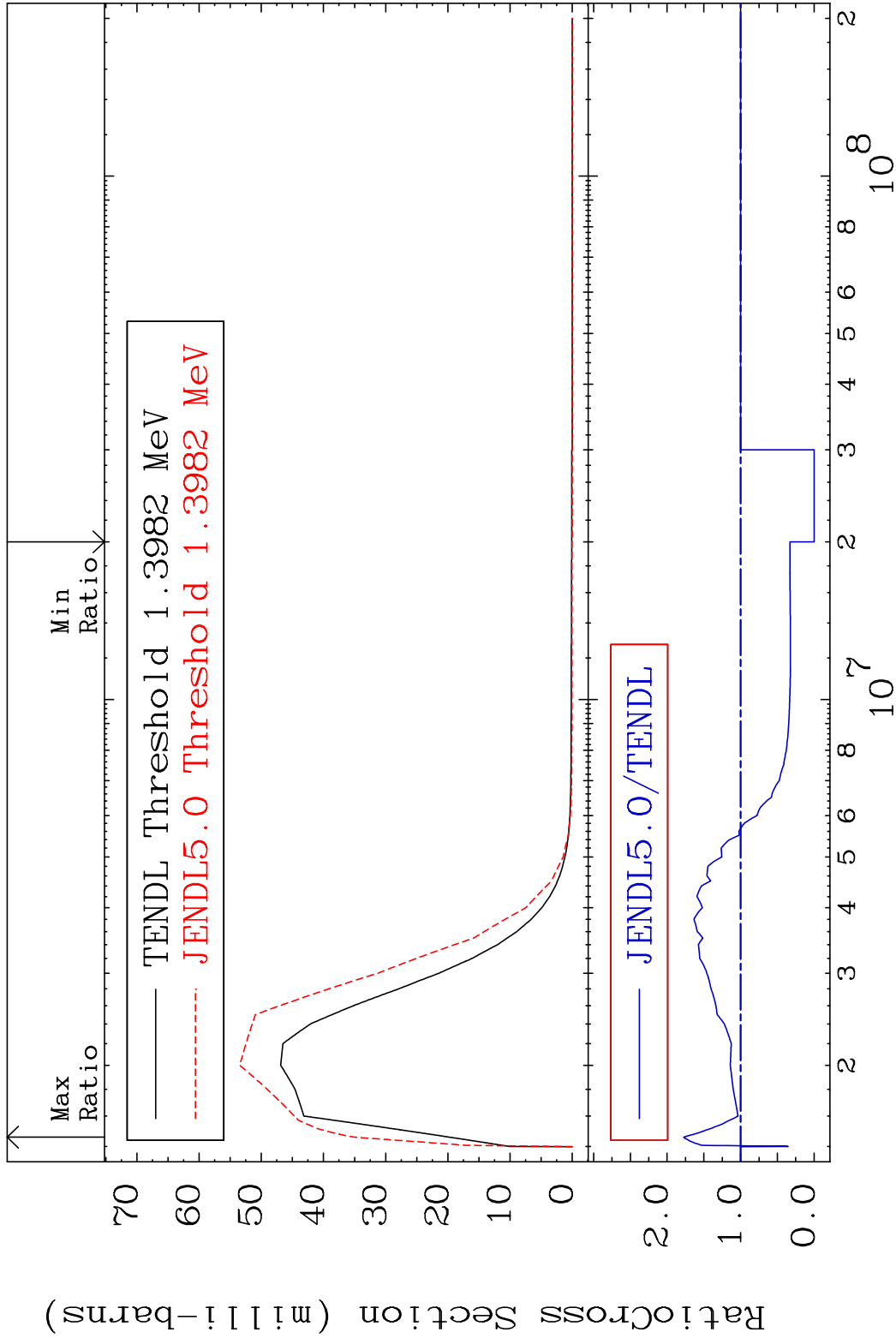
MAT 6143 MT= 73 (n,n') Level 61-Pm-145
Cross Section -100.0 To 42.60 %



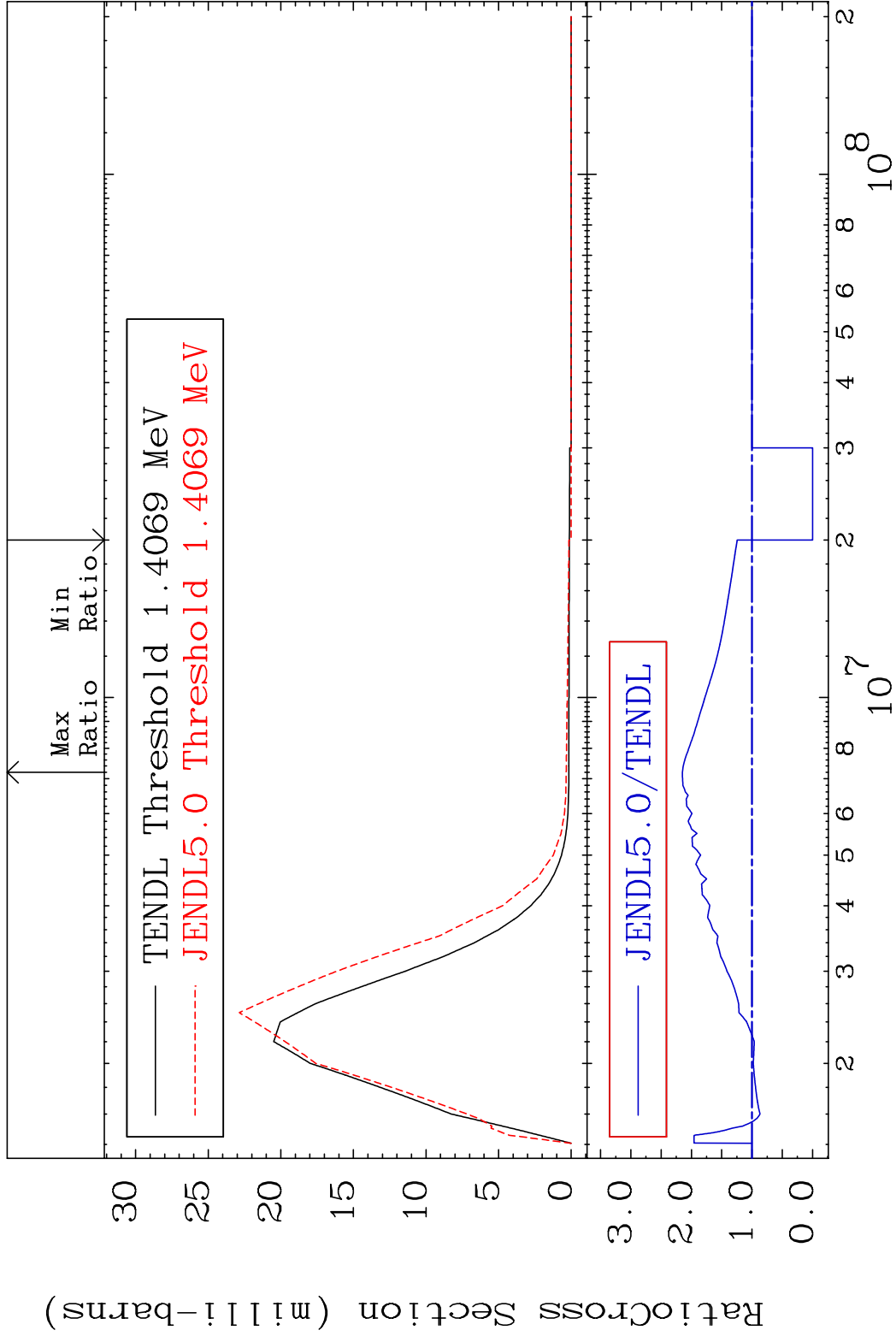


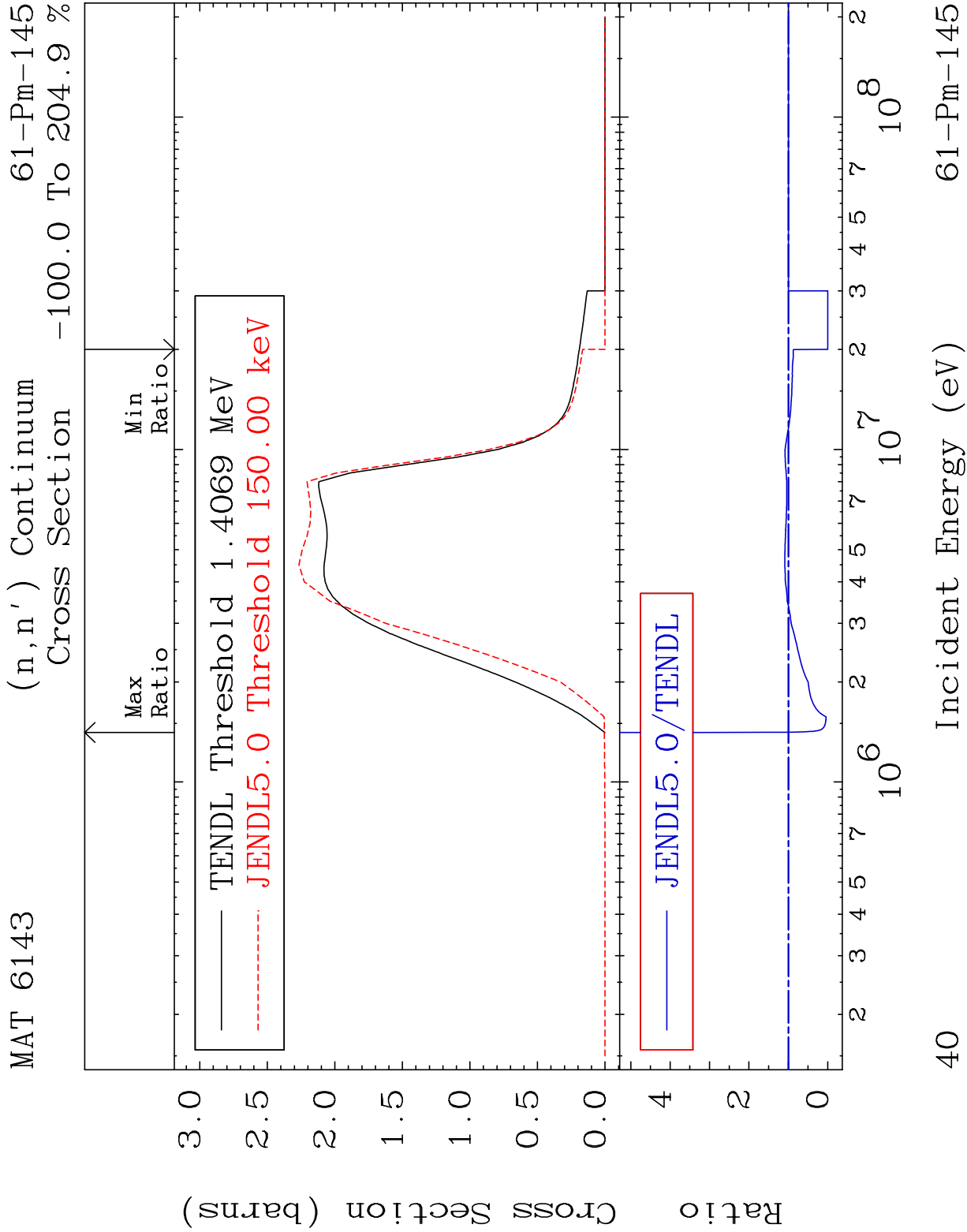


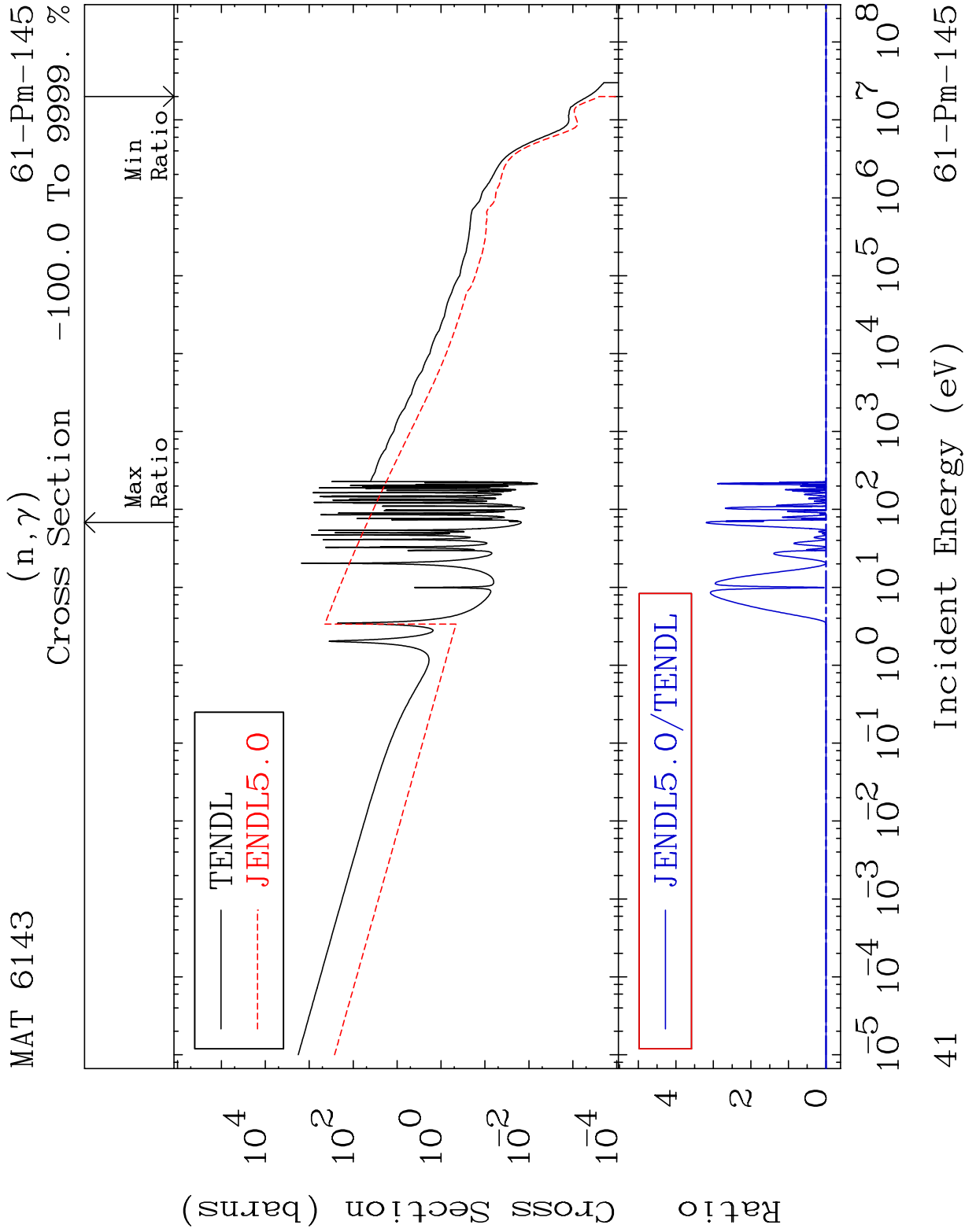
MAT 6143 MT= 76 (n,n') Level 61-Pm-145
 Cross Section -100.0 To 77.49 %

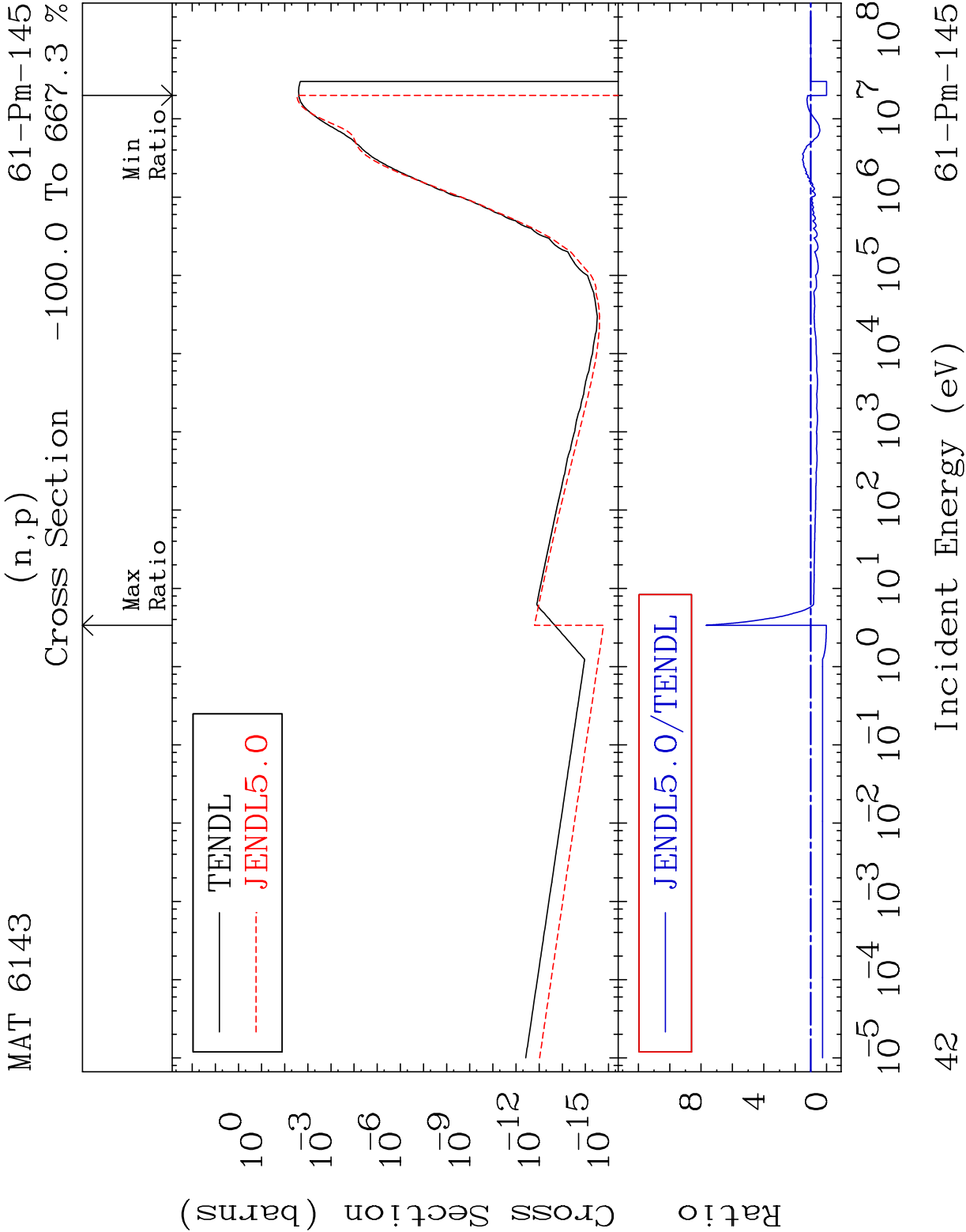


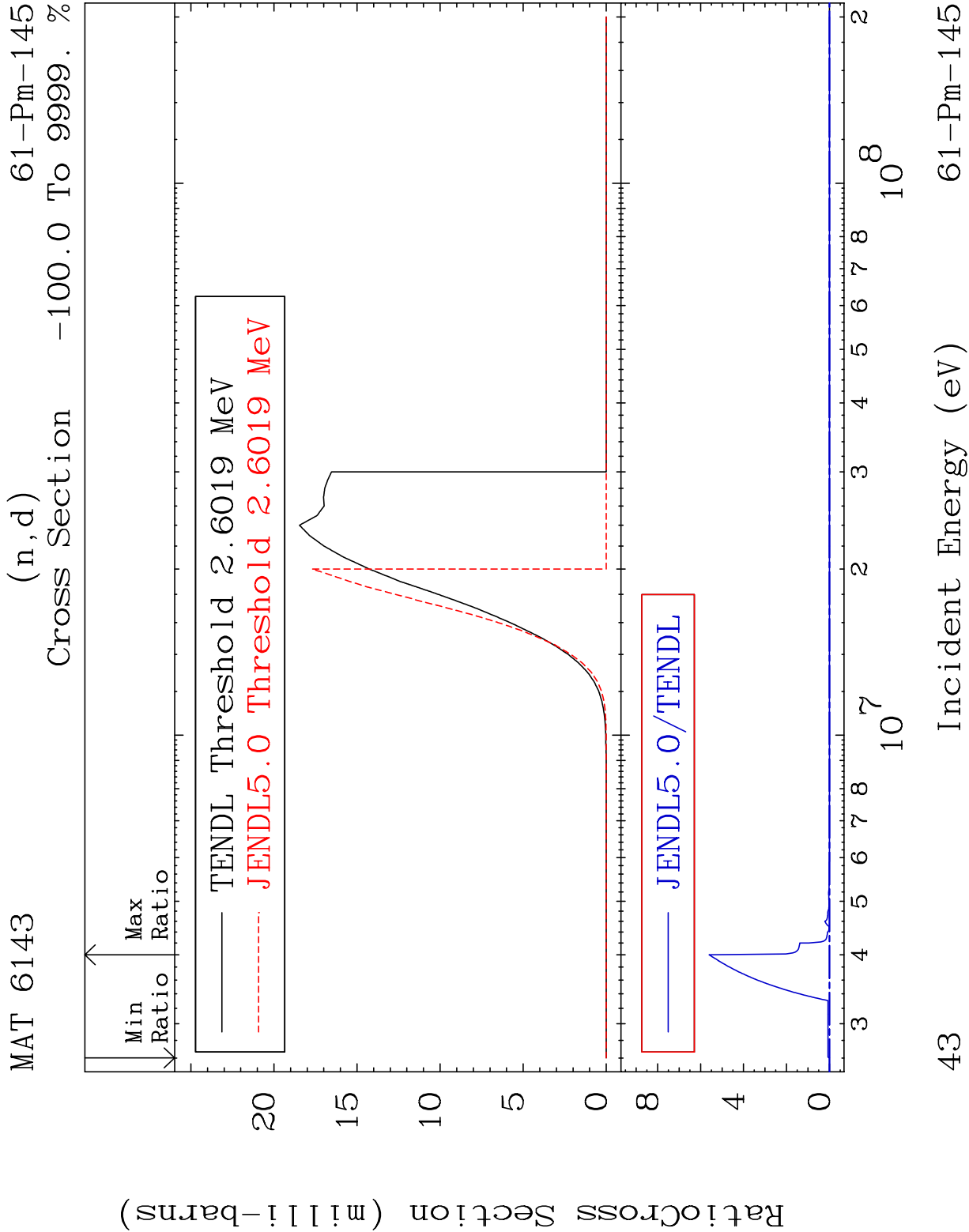
MAT 6143 MT= 77 (n,n') Level 61-Pm-145
Cross Section -100.0 To 115.0 %

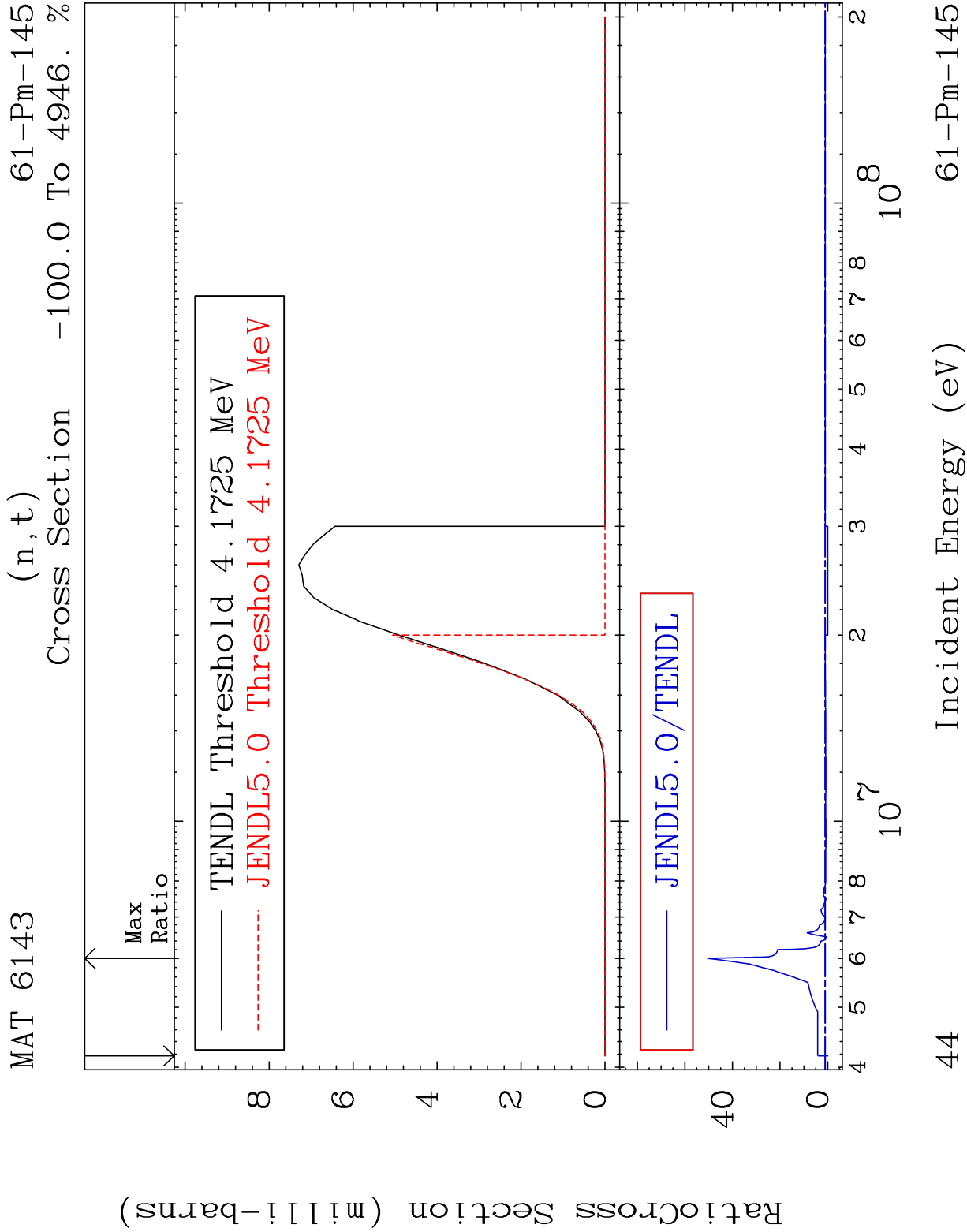


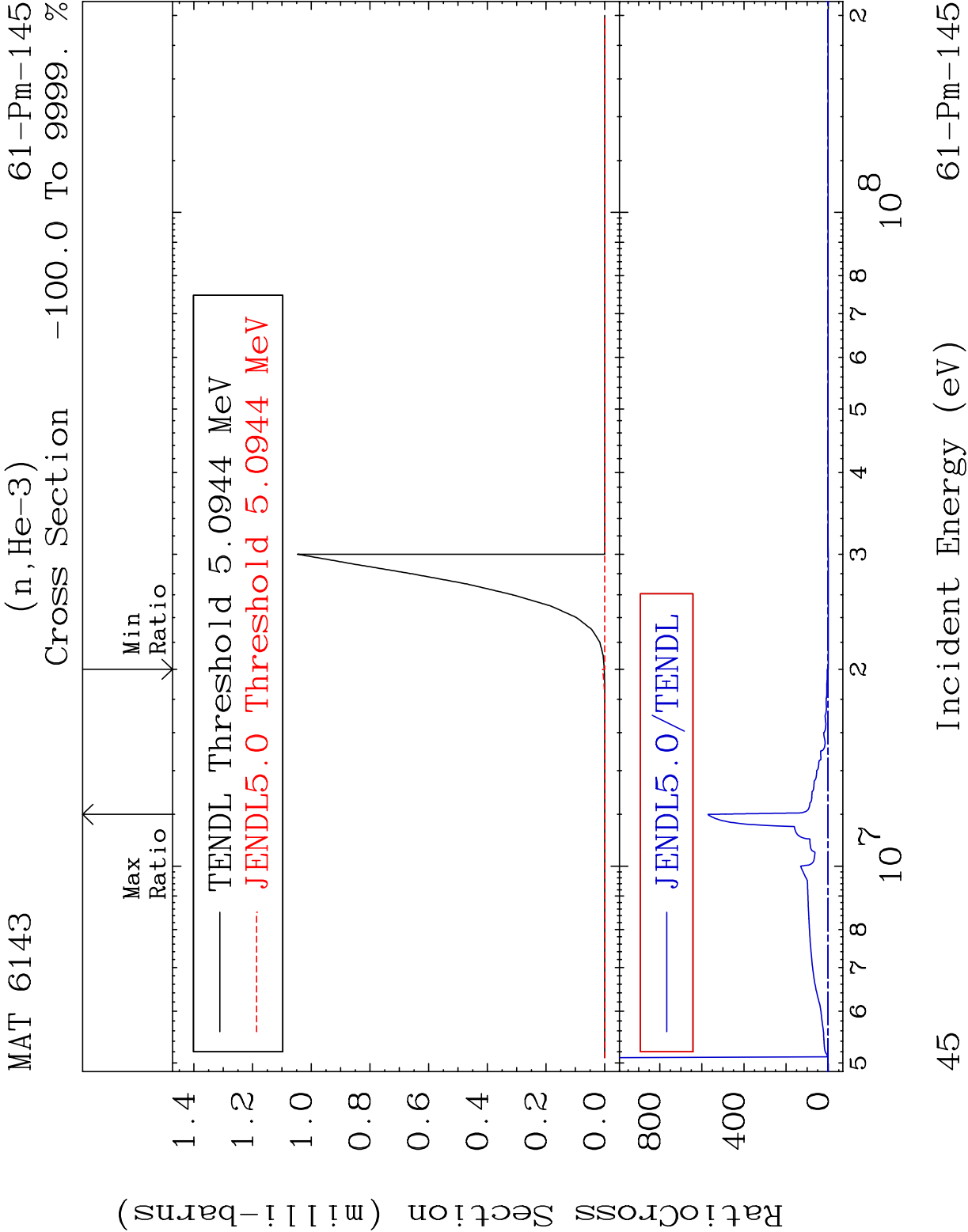


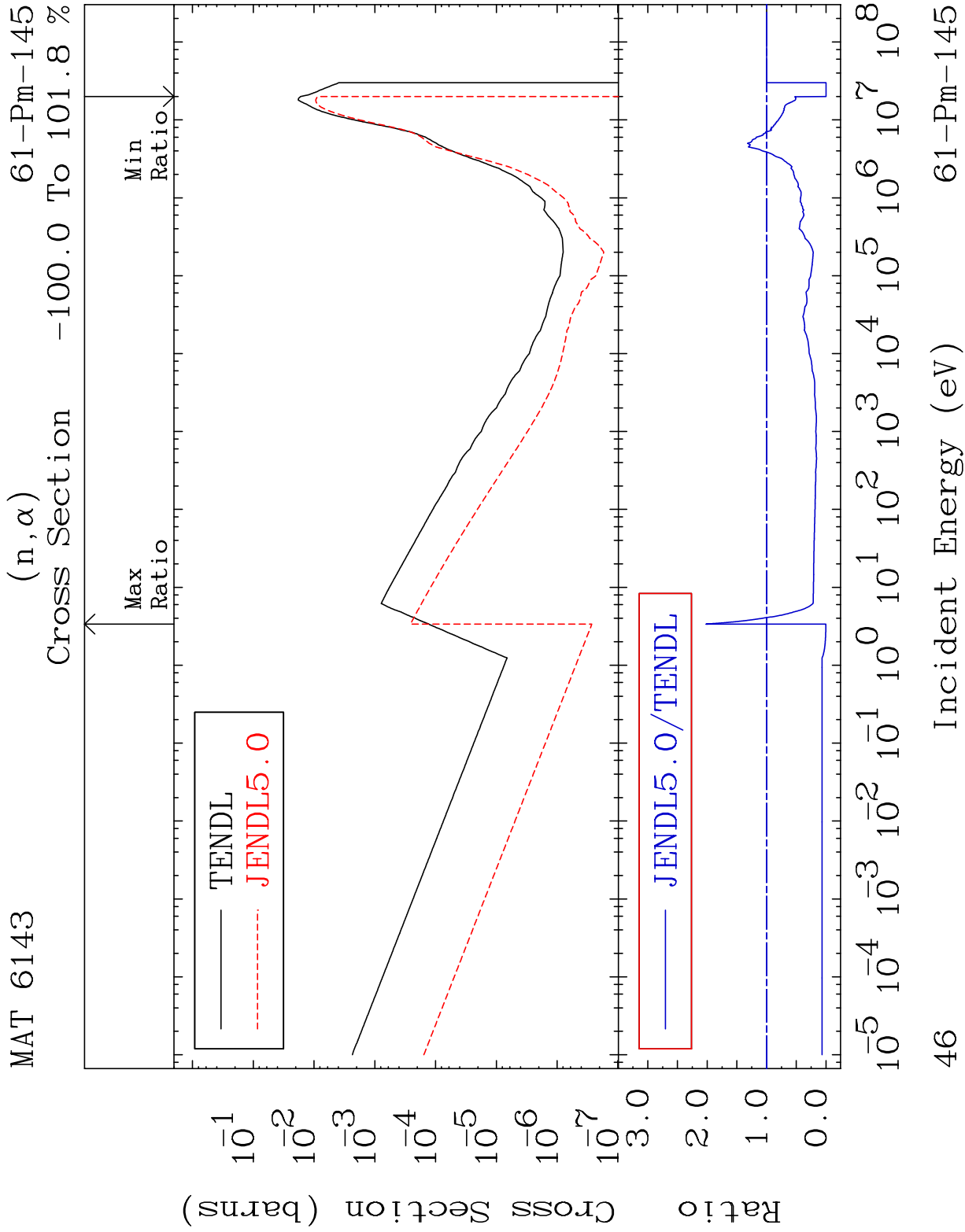


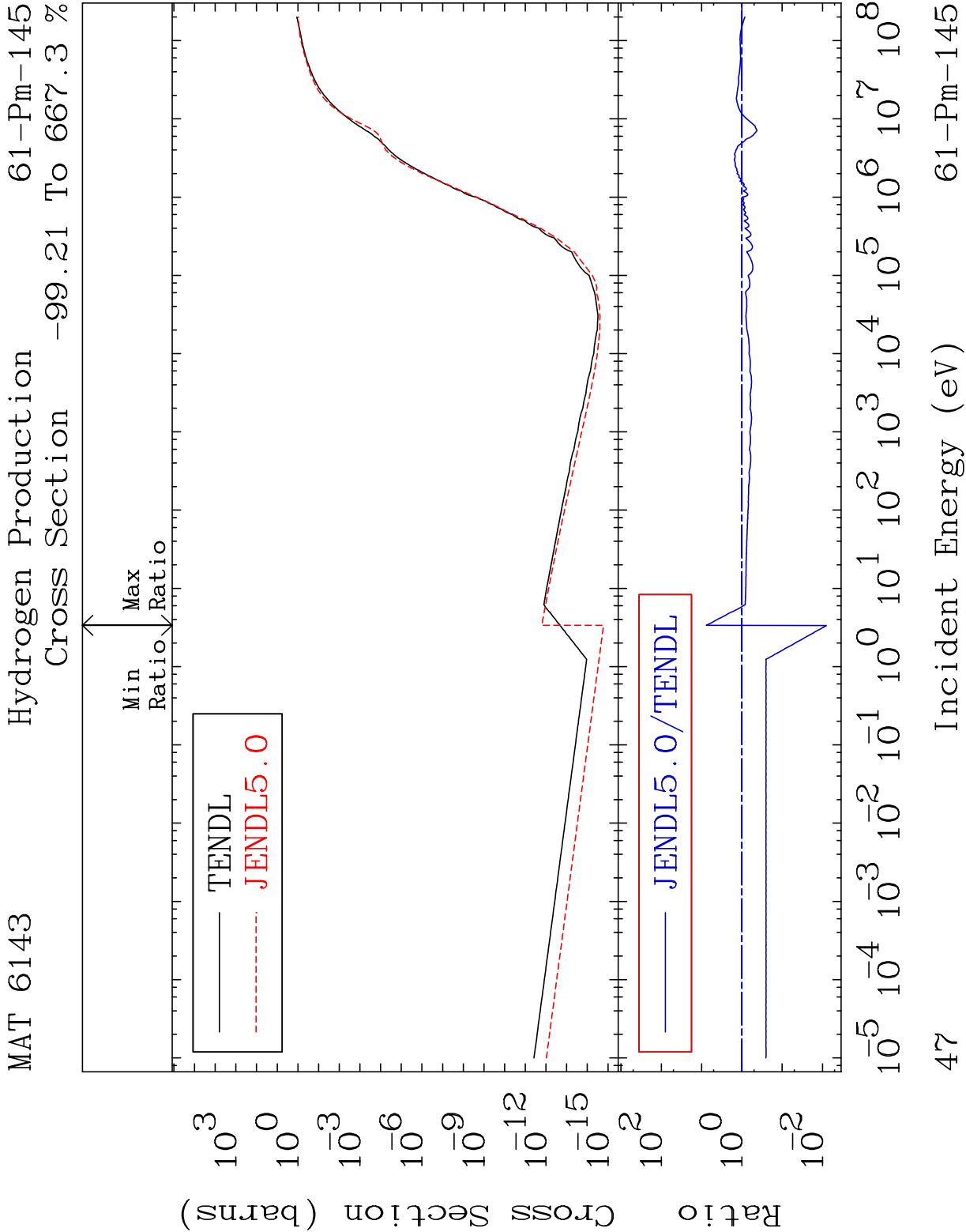


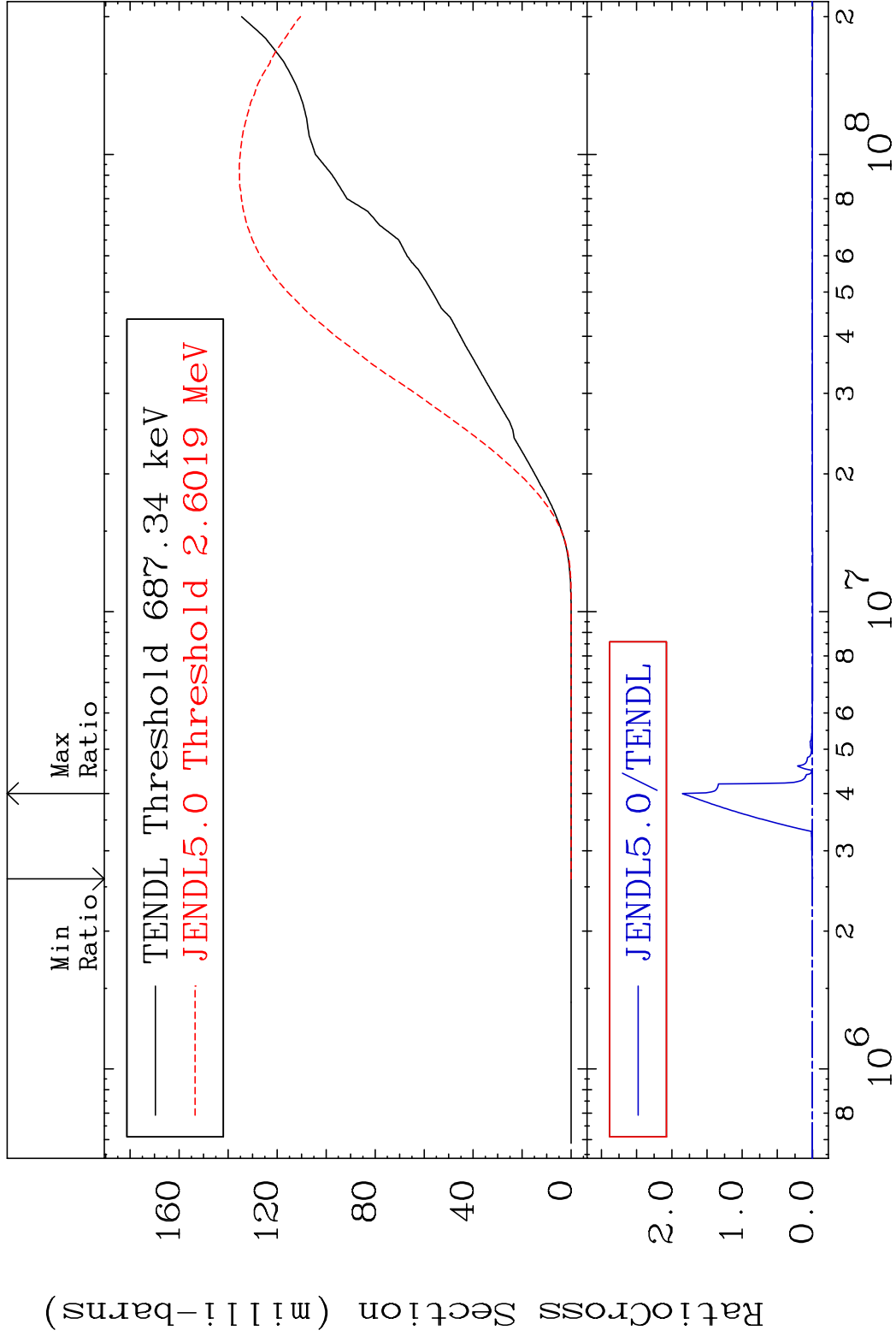


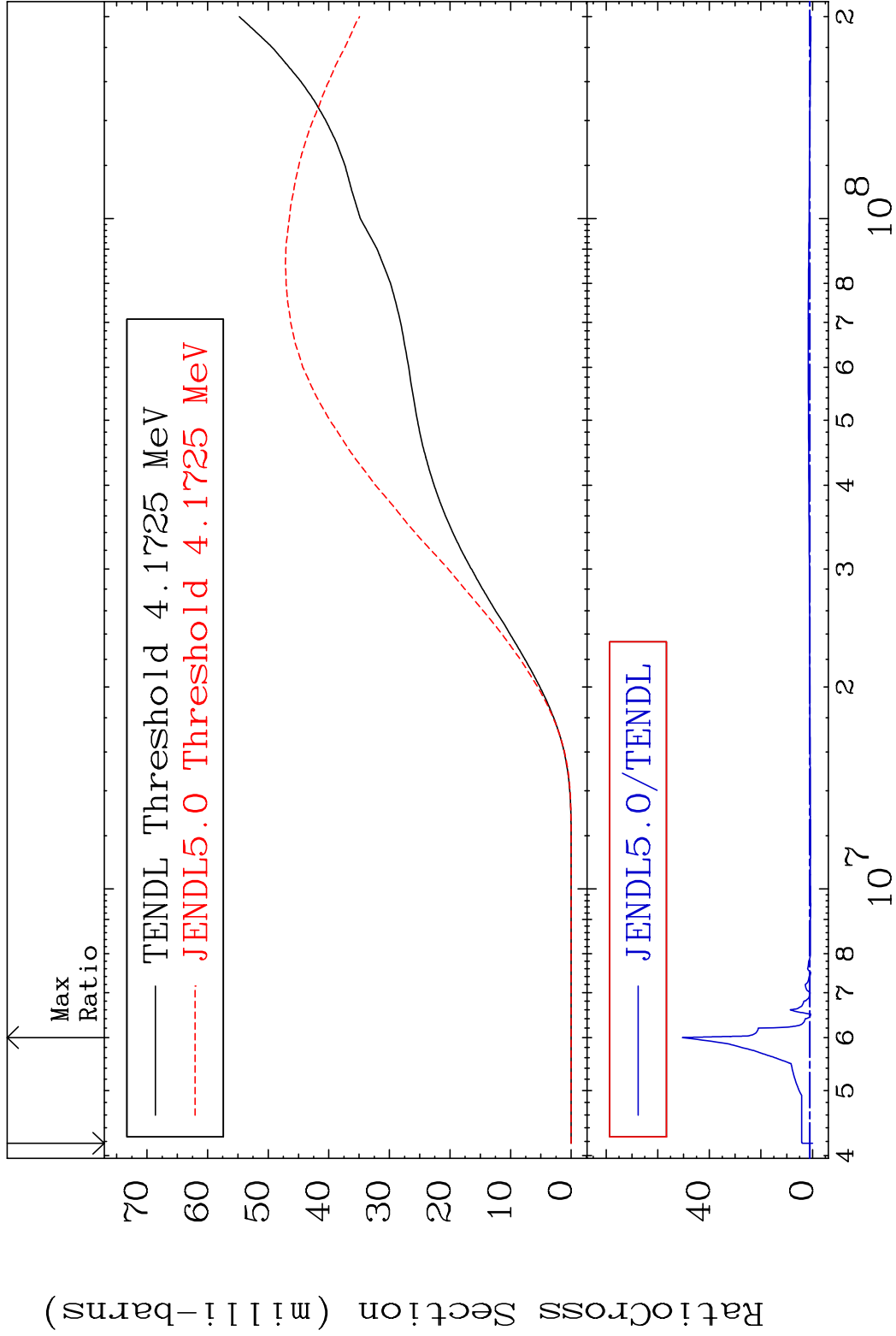


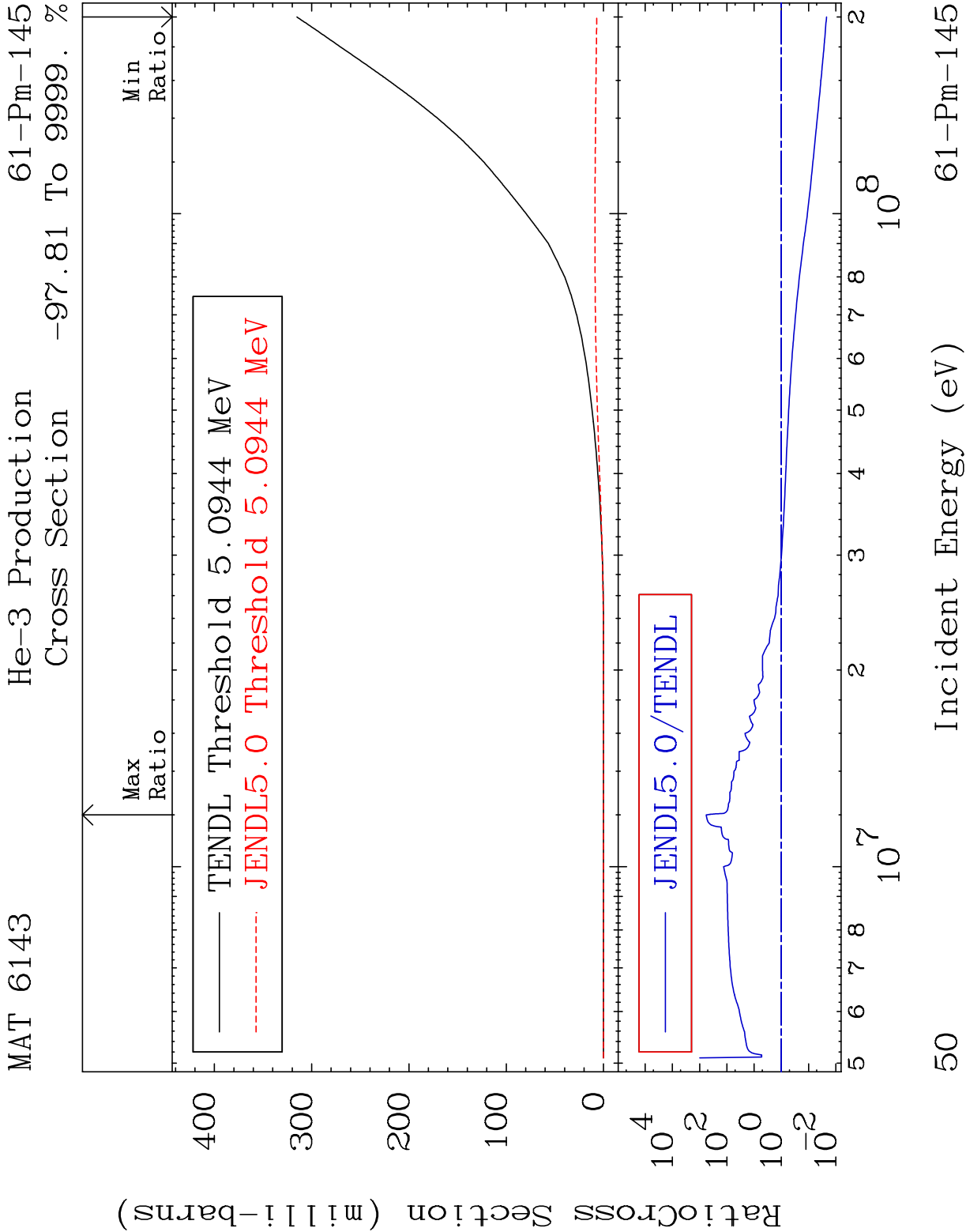


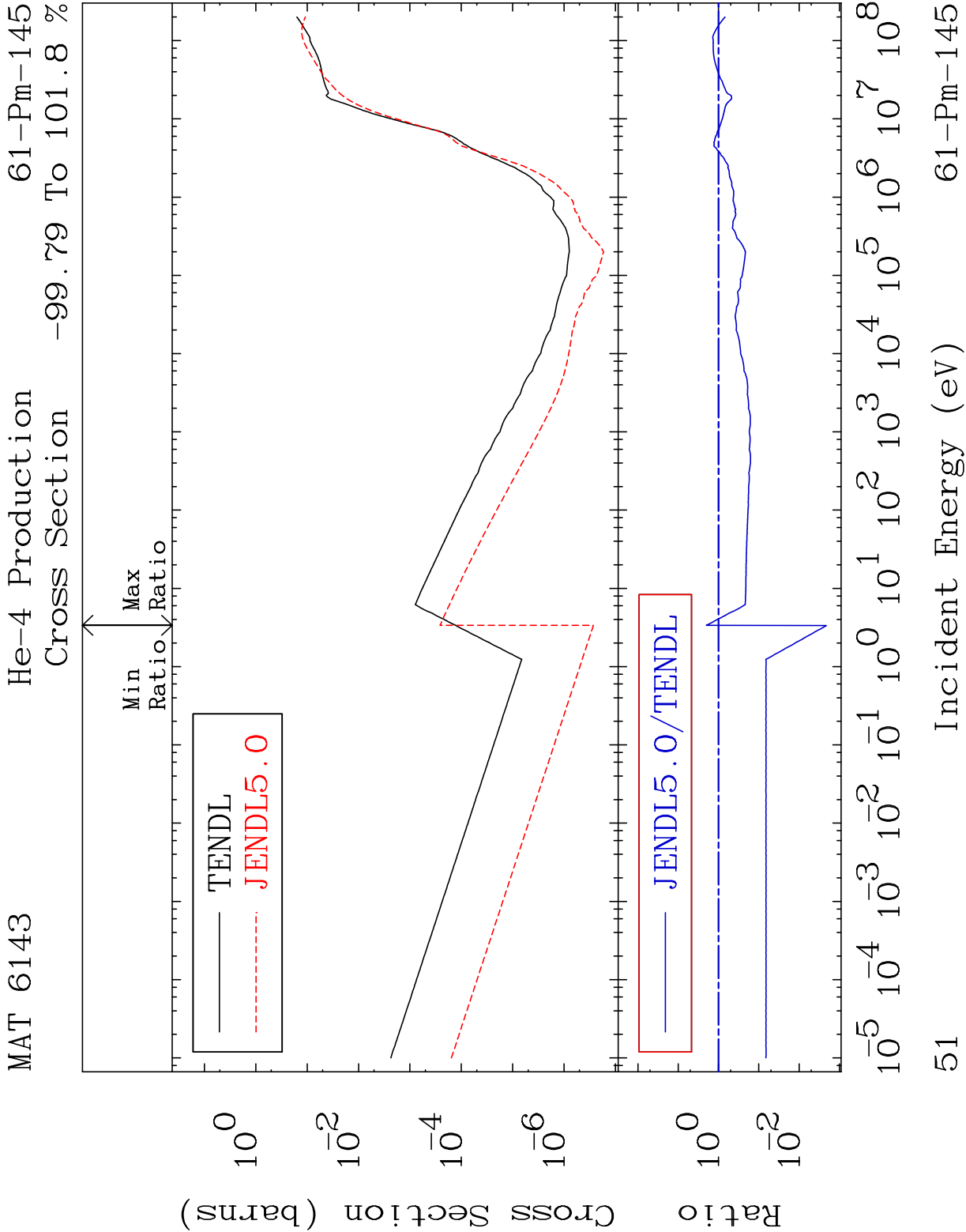












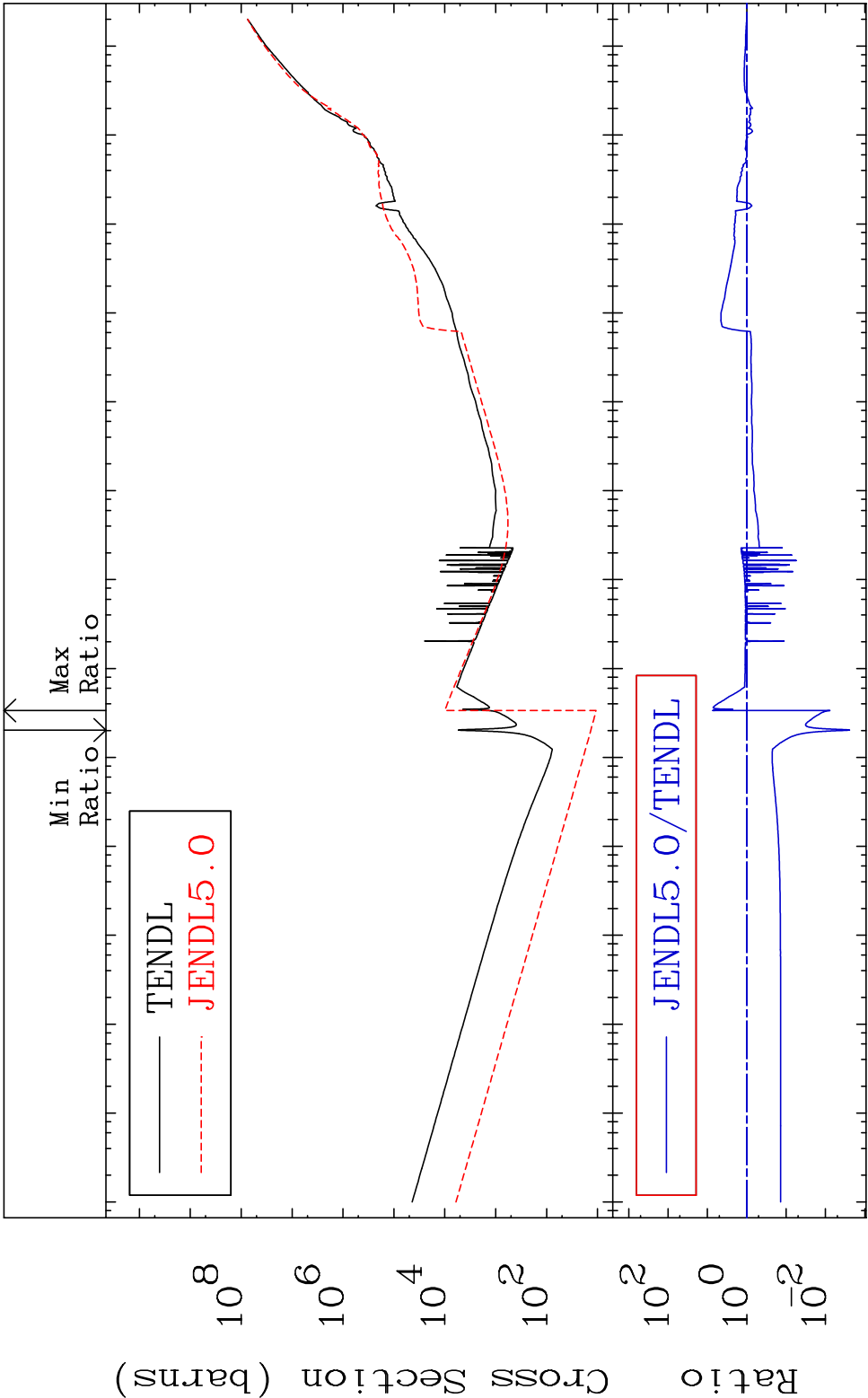
MAT 6143

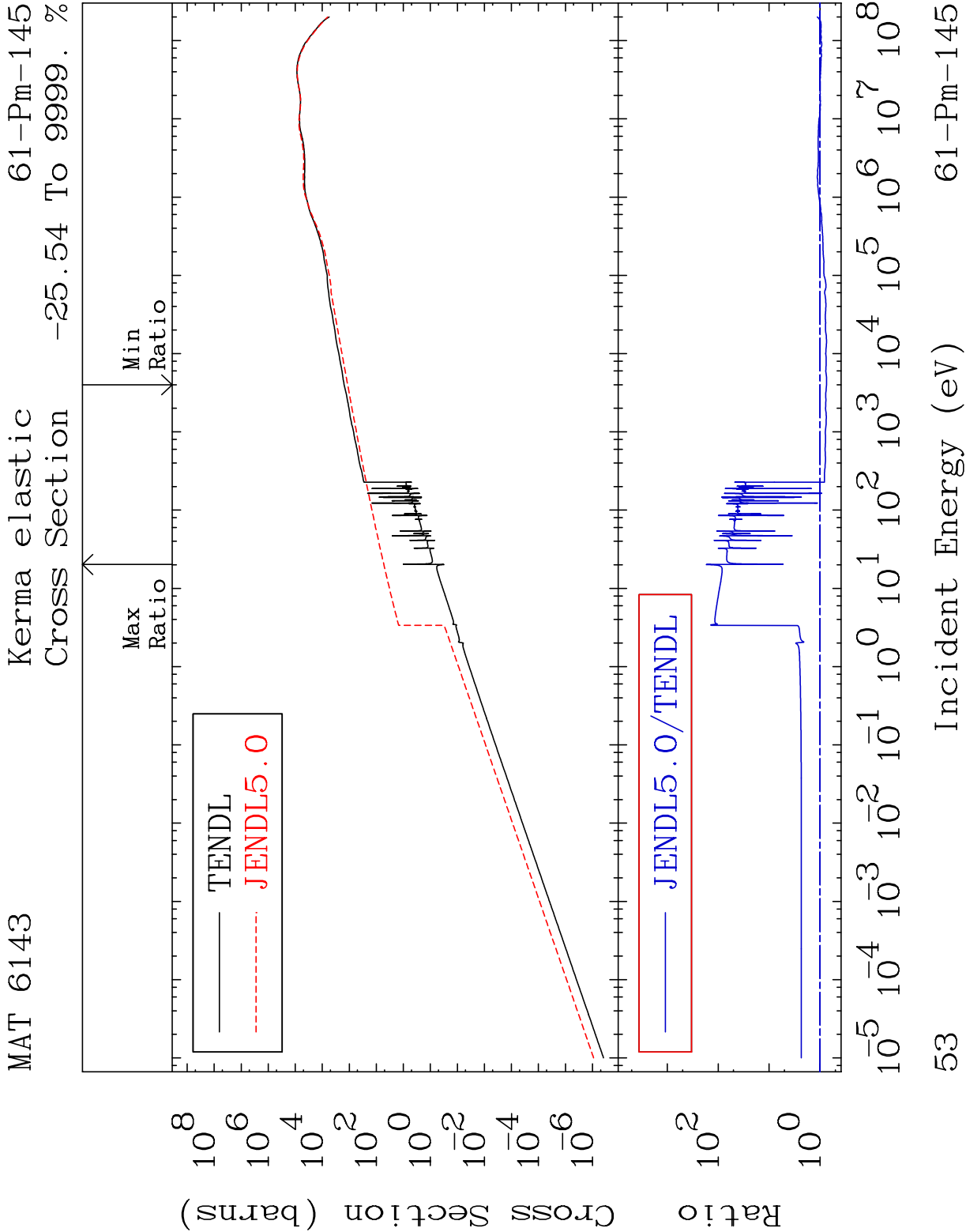
Kerma total (eV-barns)

61-Pm-145

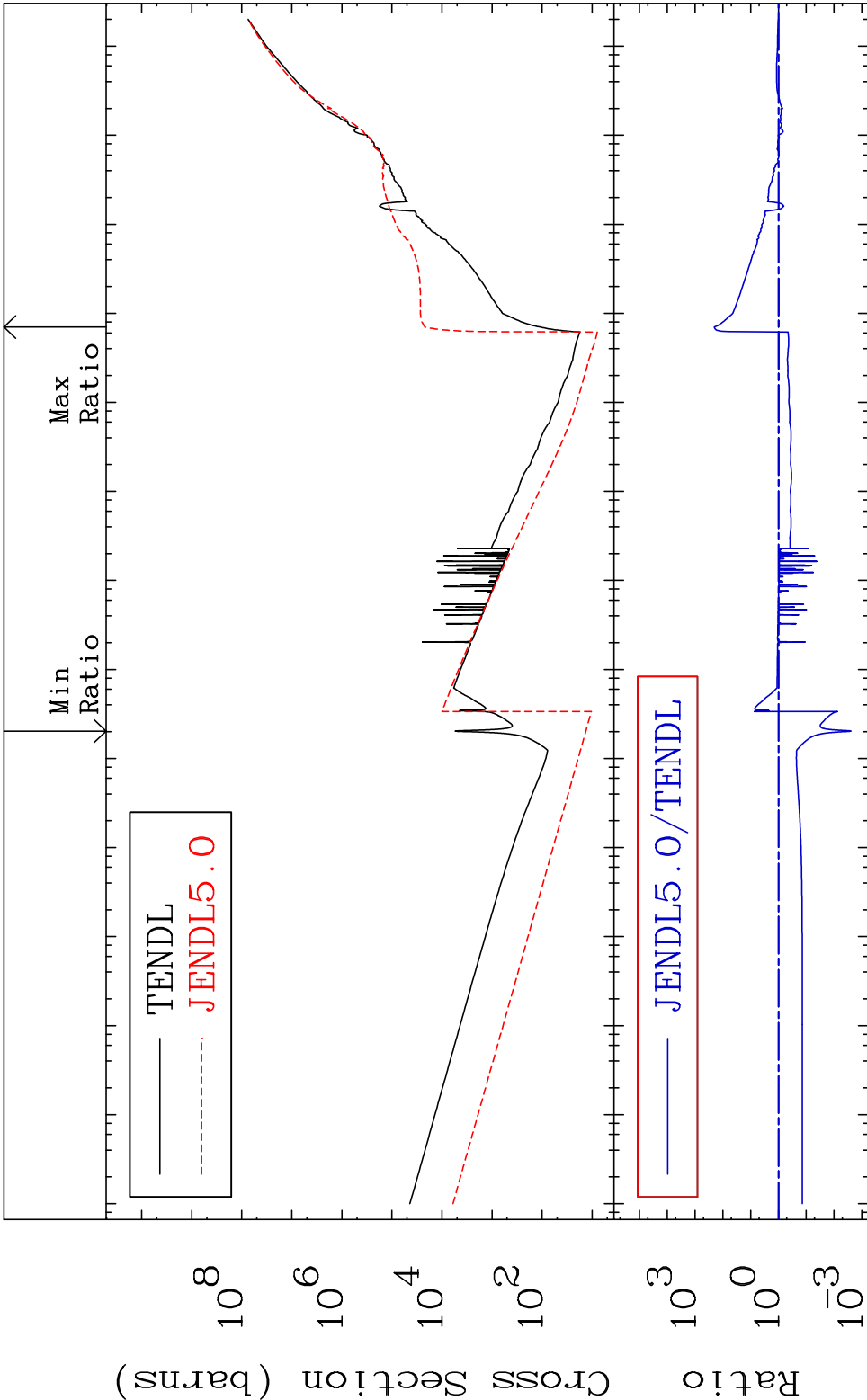
Cross Section

-99.75 To 629.8 %



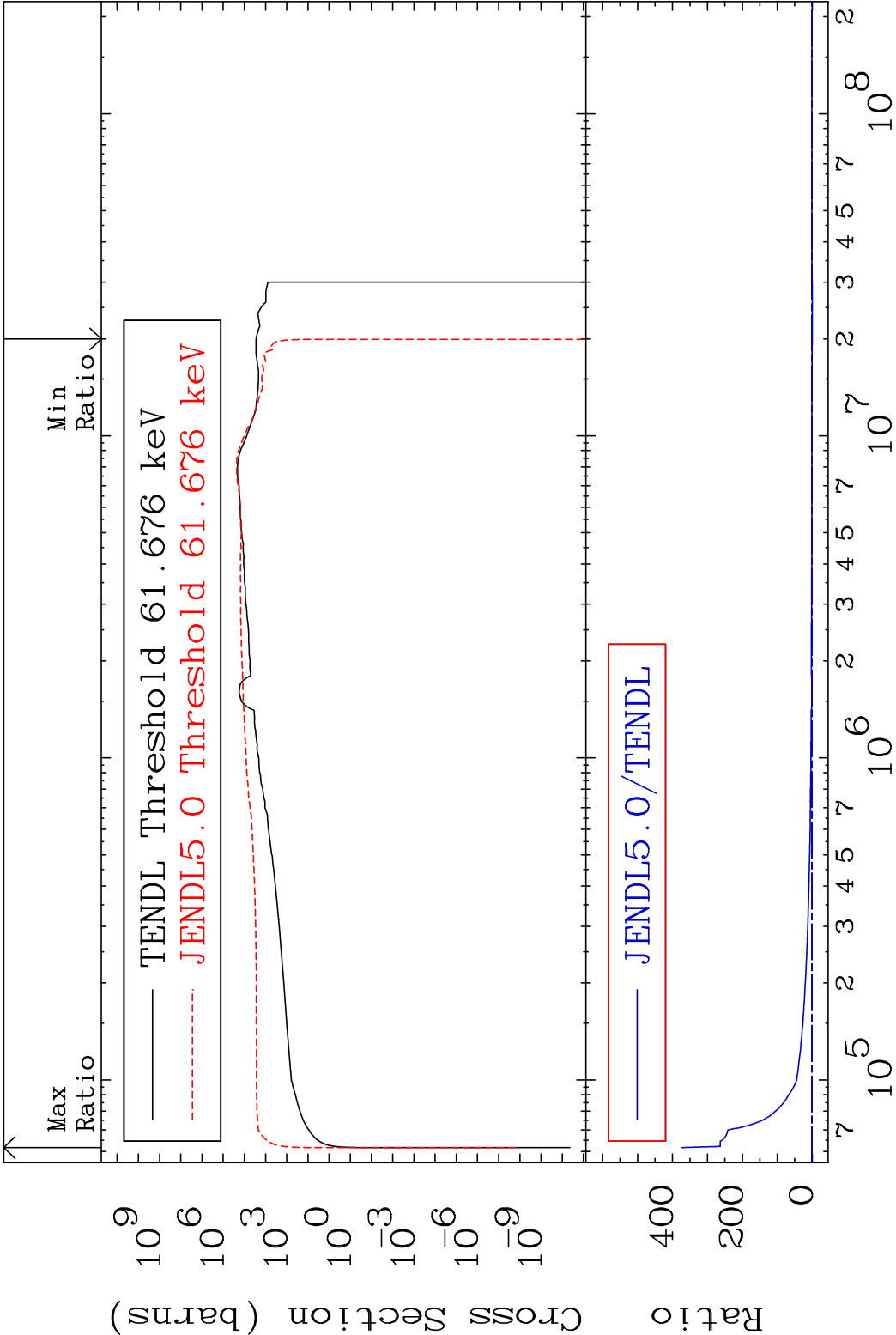


MAT 6143 Kerma non-elastic (all but mt2) 61-Pm-145
 Cross Section -99.76 To 9999. %



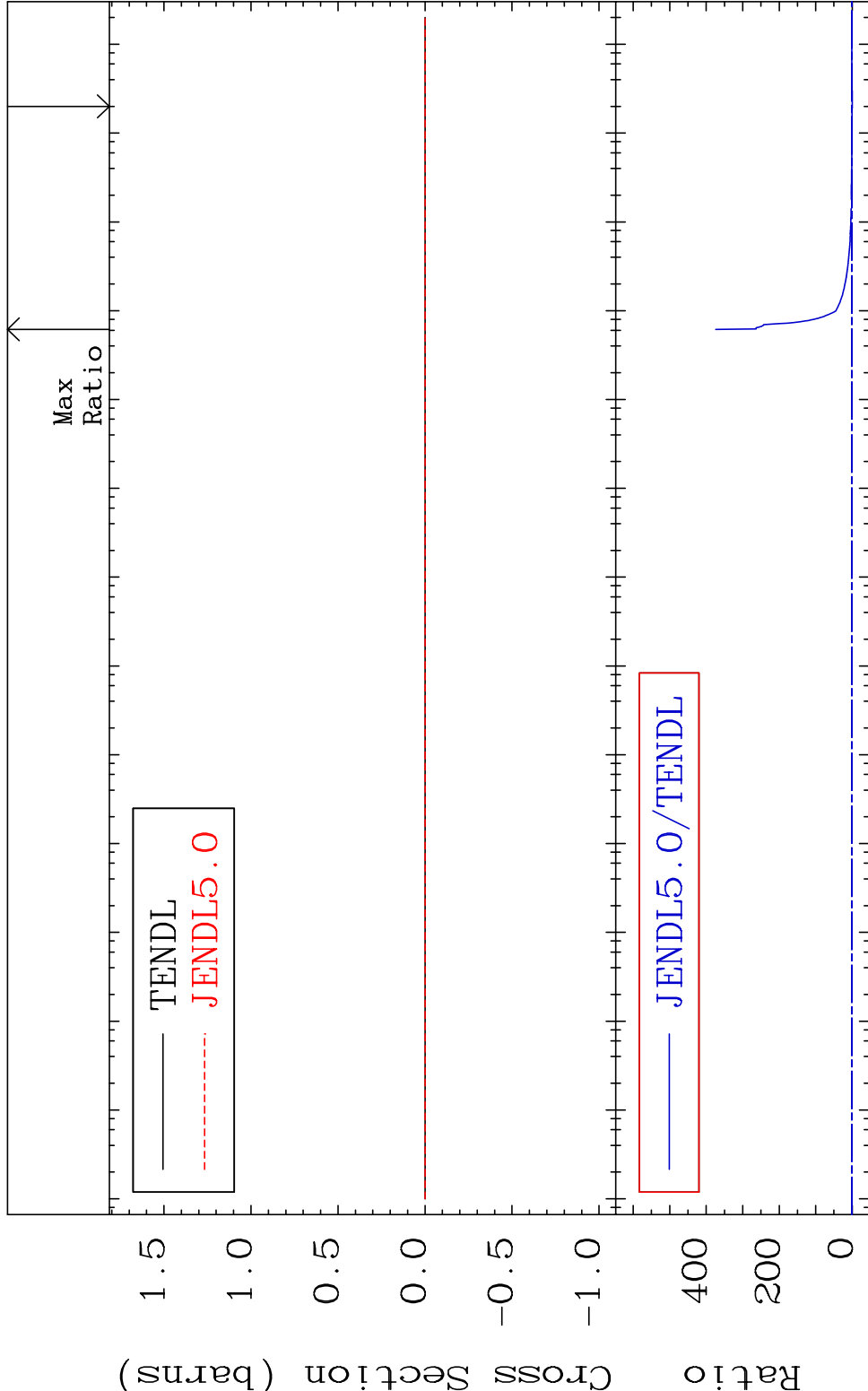
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

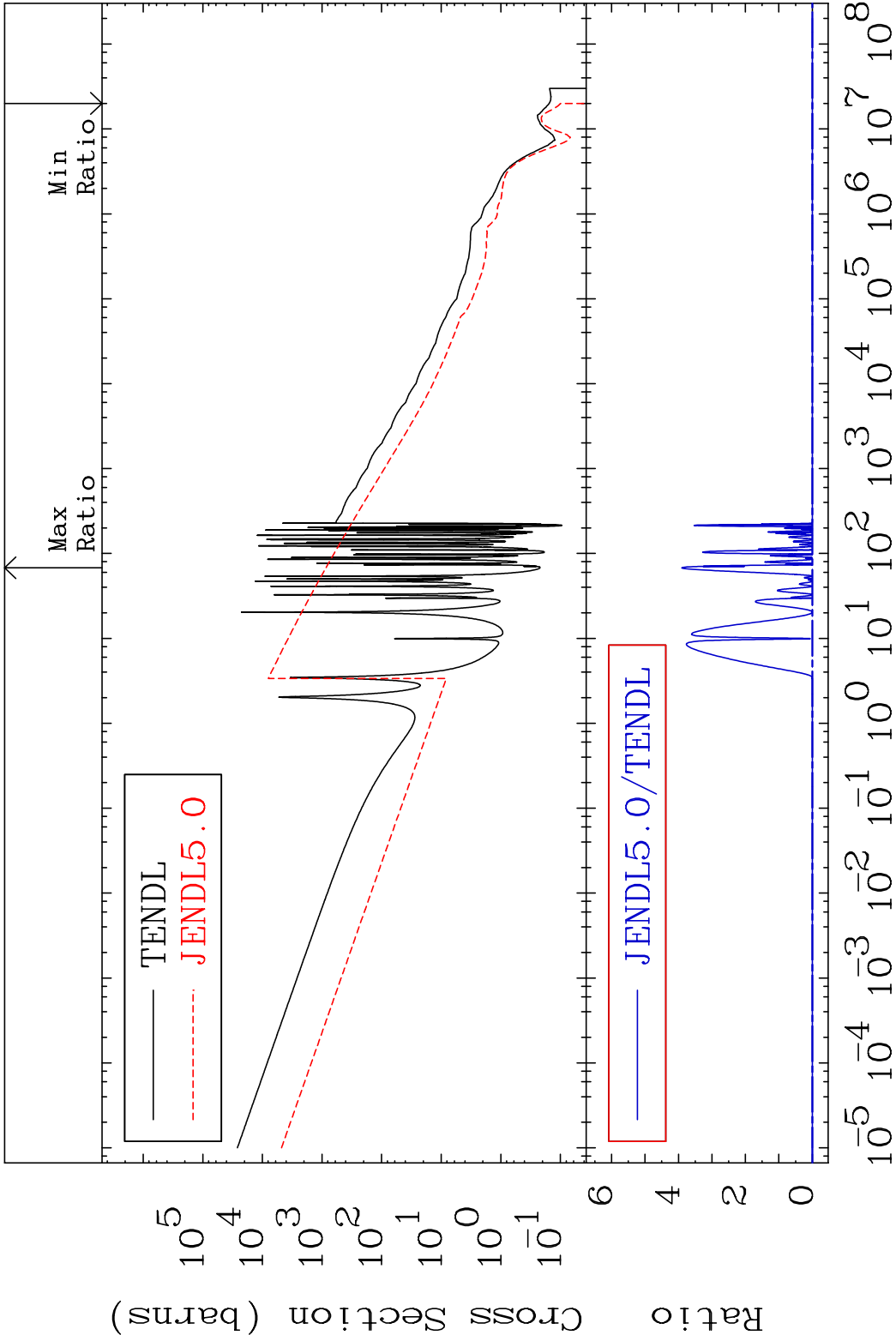
54 Incident Energy (eV) 61-Pm-145

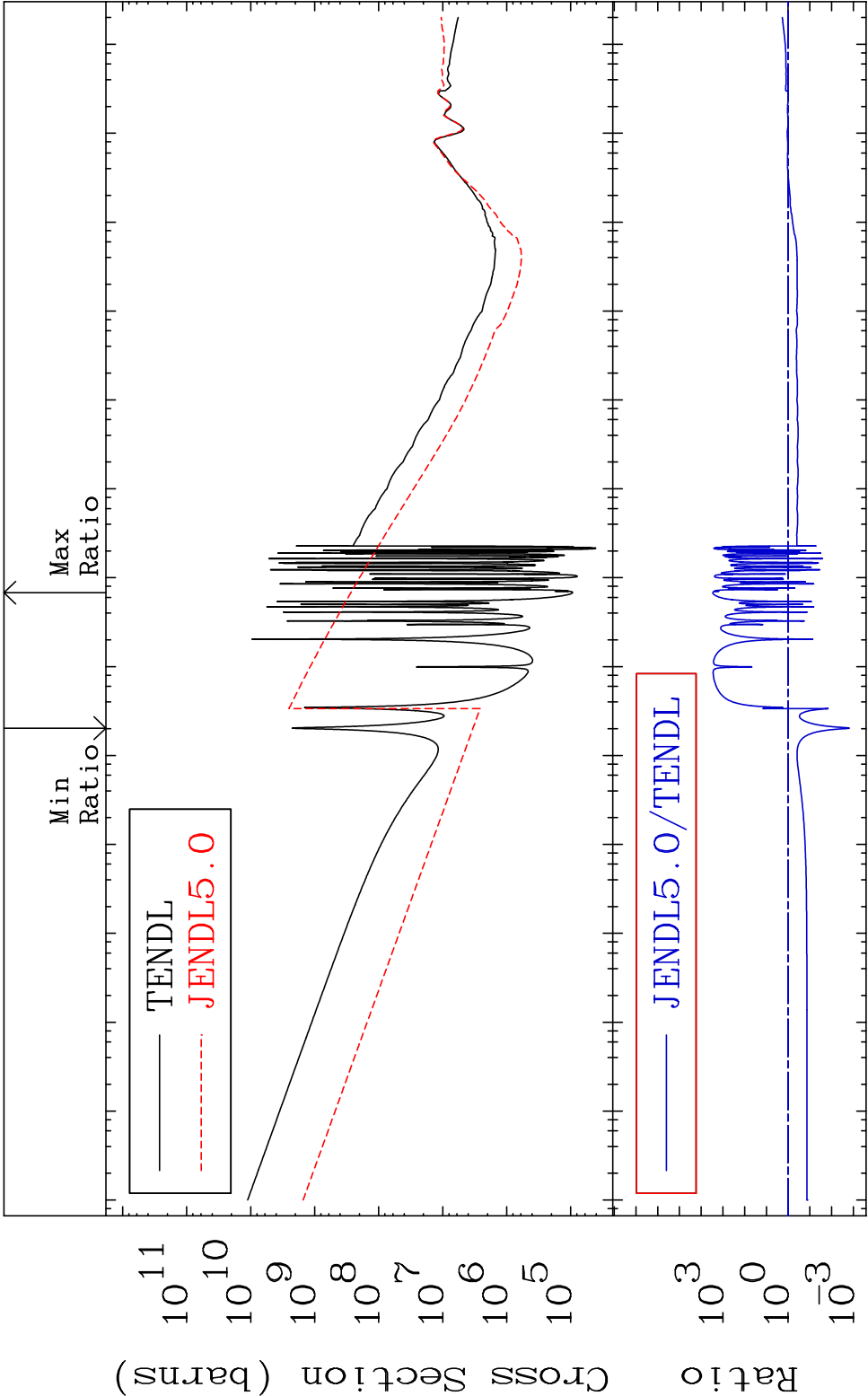


MAT 6143Kerma fission (mt18 or mt19-20-21-38)61-Pm-145

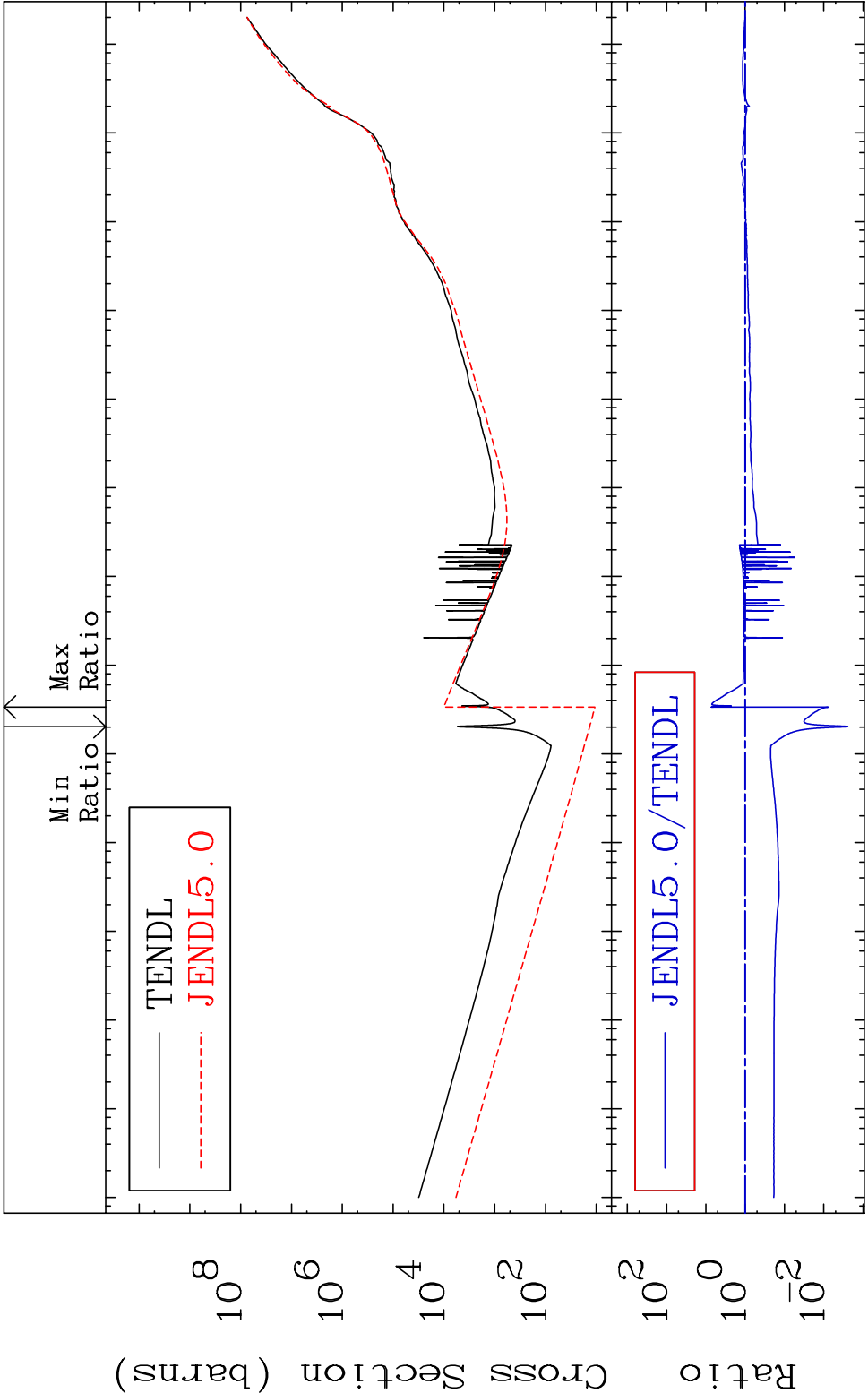
Cross Section -101.8 To 9999. %





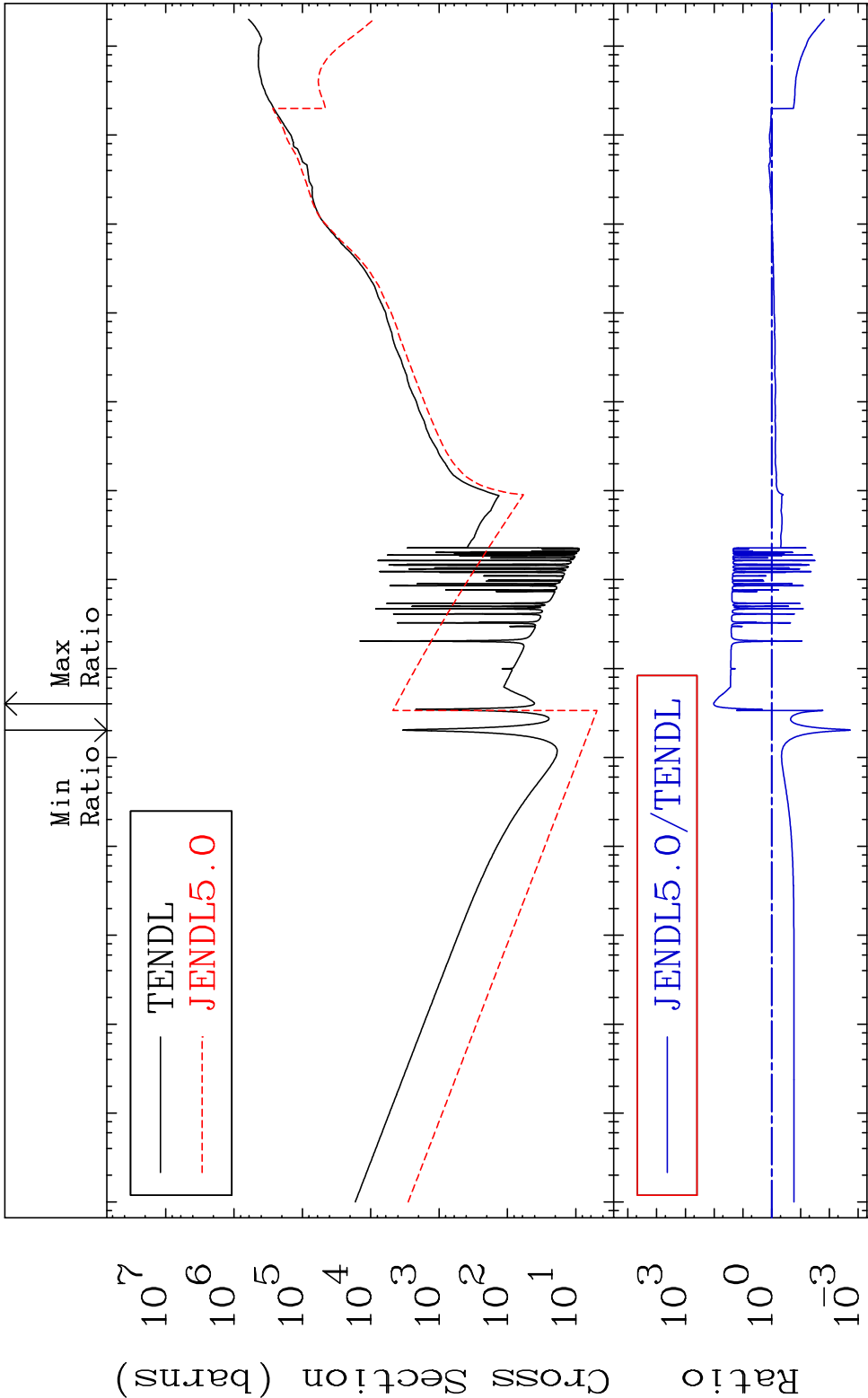


MAT 6143 Total kinematic kerma (high limit) 61-Pm-145
Cross Section -99.76 To 626.0 %



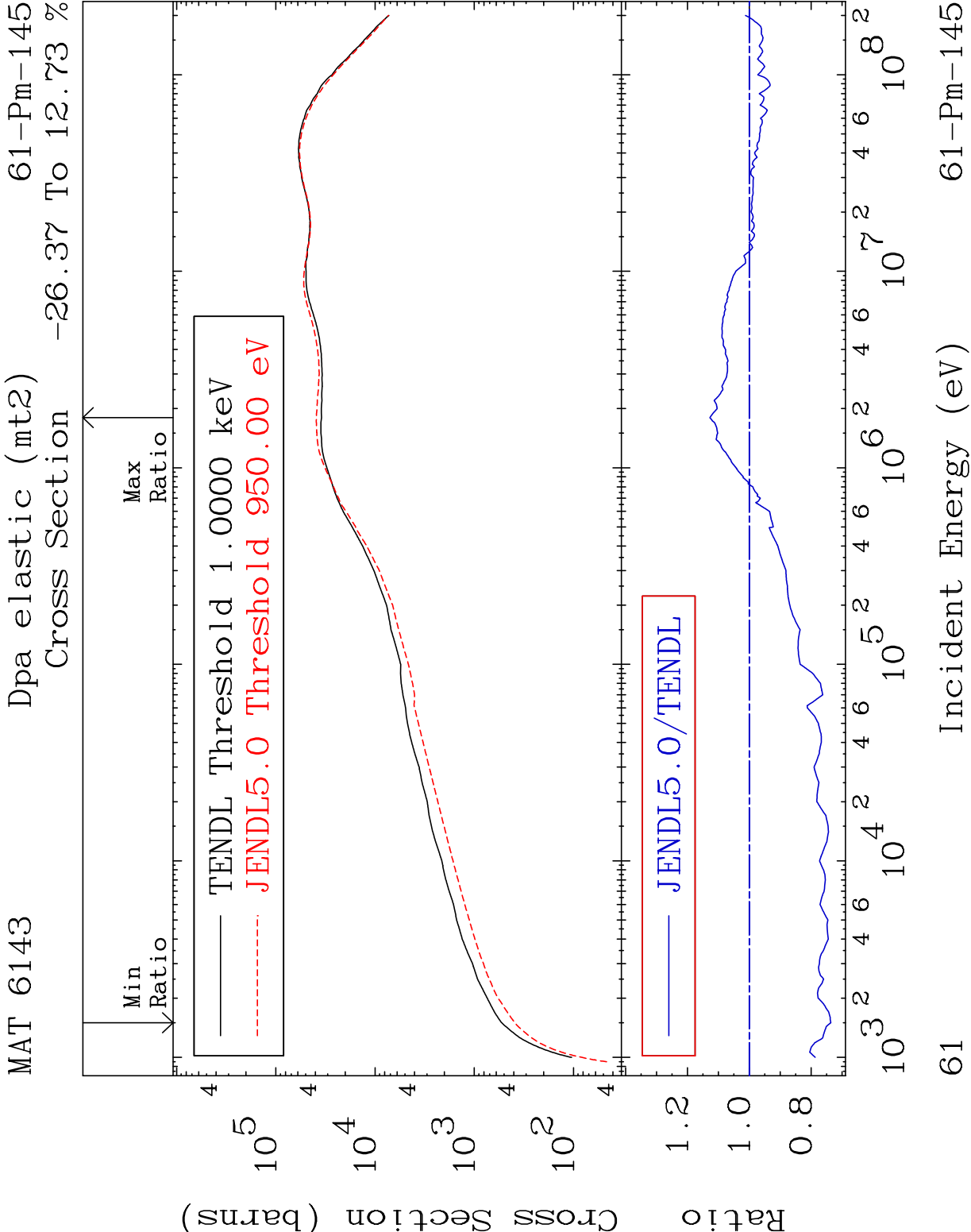
59 Incident Energy (eV) 61-Pm-145

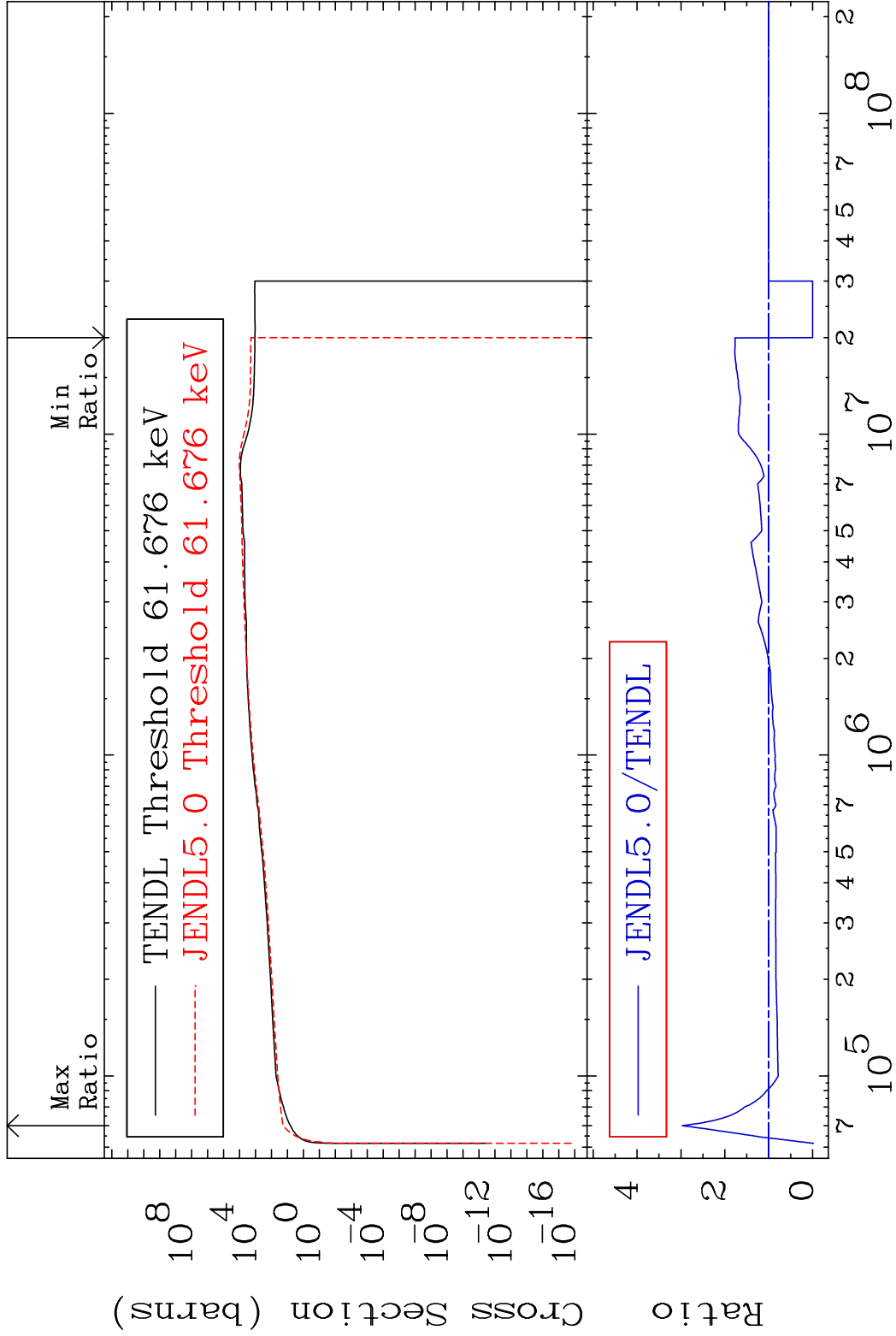
MAT 6143 Dpa total (eV-barns) 61-Pm-145
Cross Section -99.81 To 9999. %



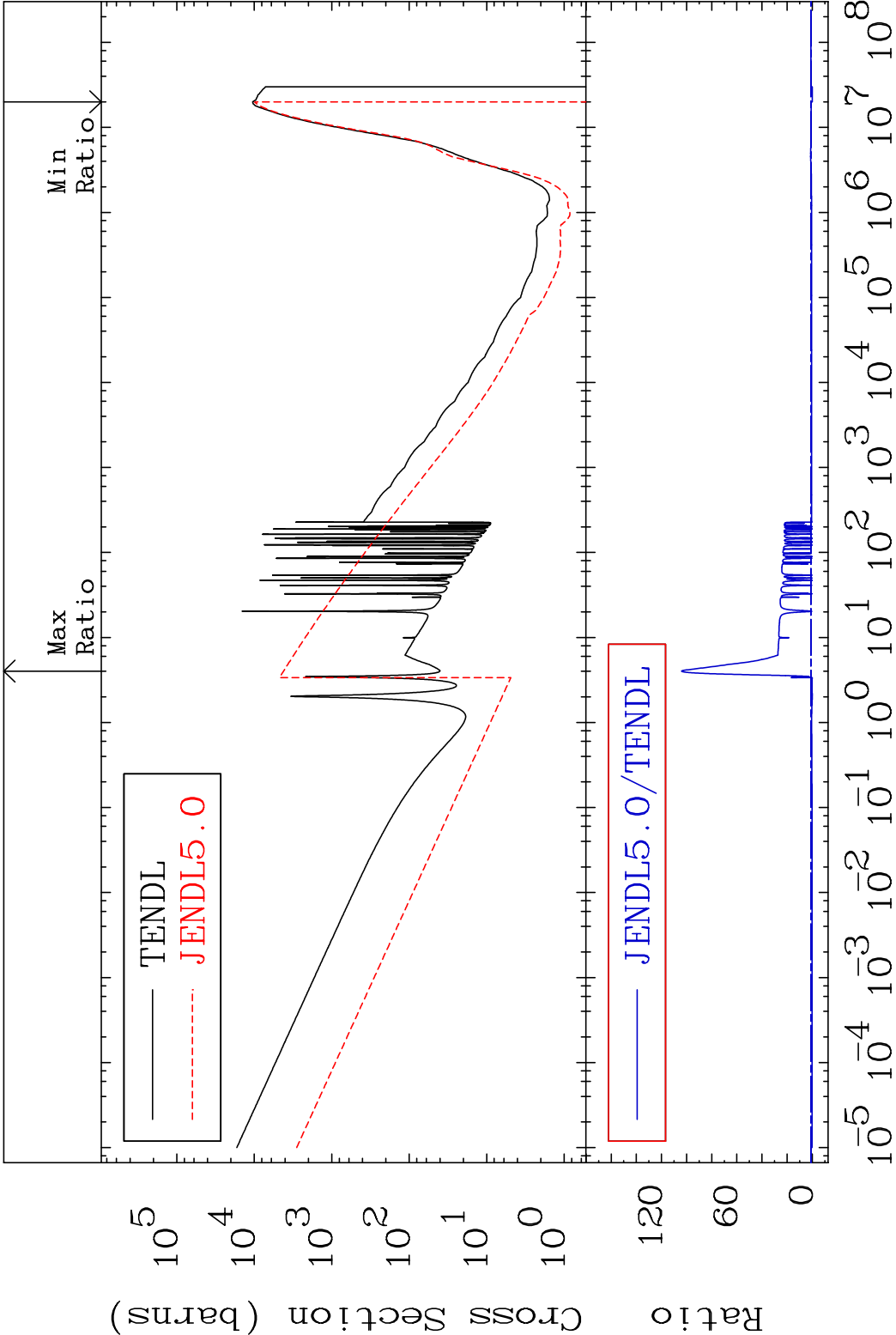
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

60 Incident Energy (eV) 61-Pm-145





MAT 6143 Dpa disappearance (mt102 -120) 61-Pm-145
Cross Section -100.0 To 9999. %



63 Incident Energy (eV) 61-Pm-145

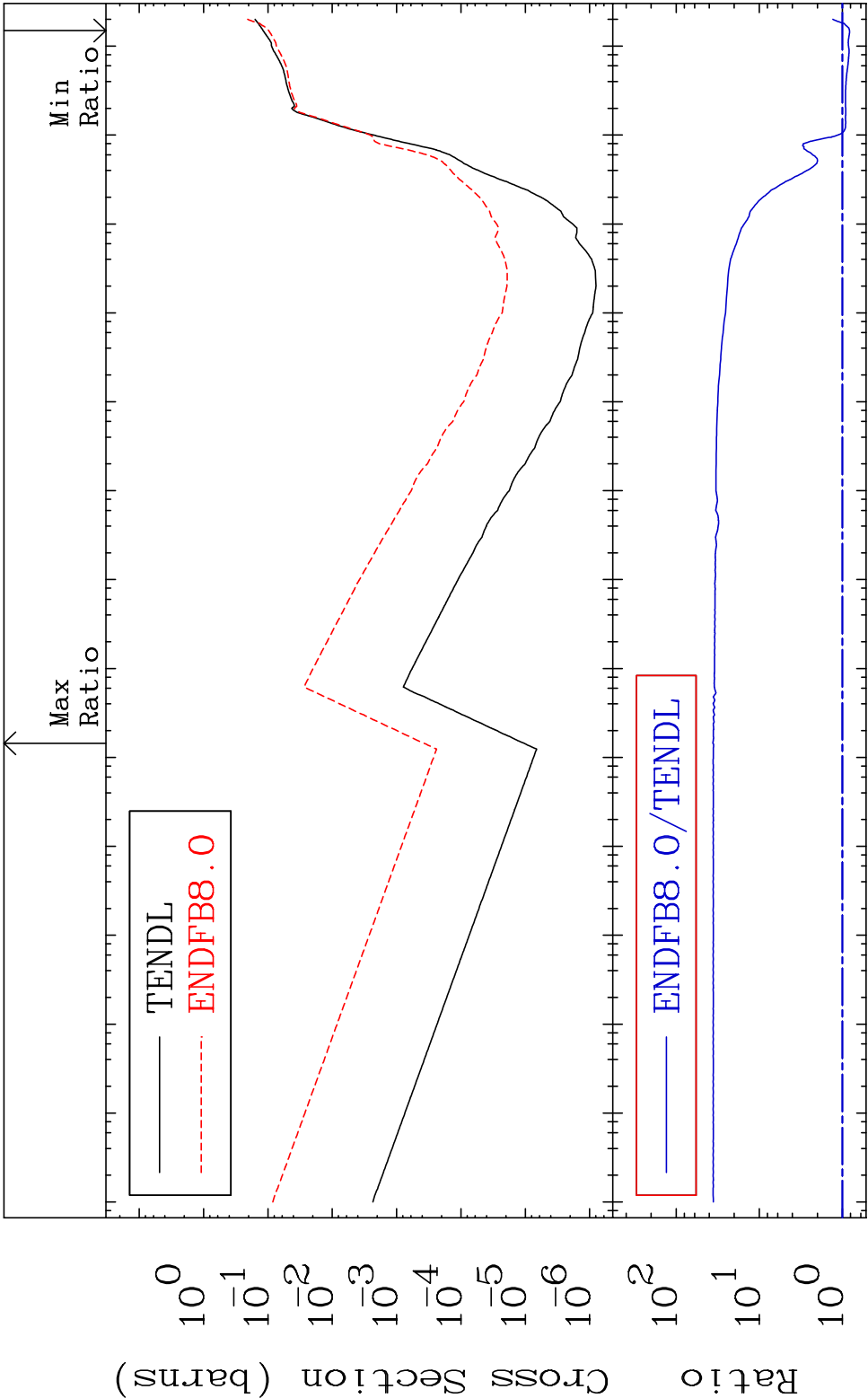
MAT 6143

He-4 Production

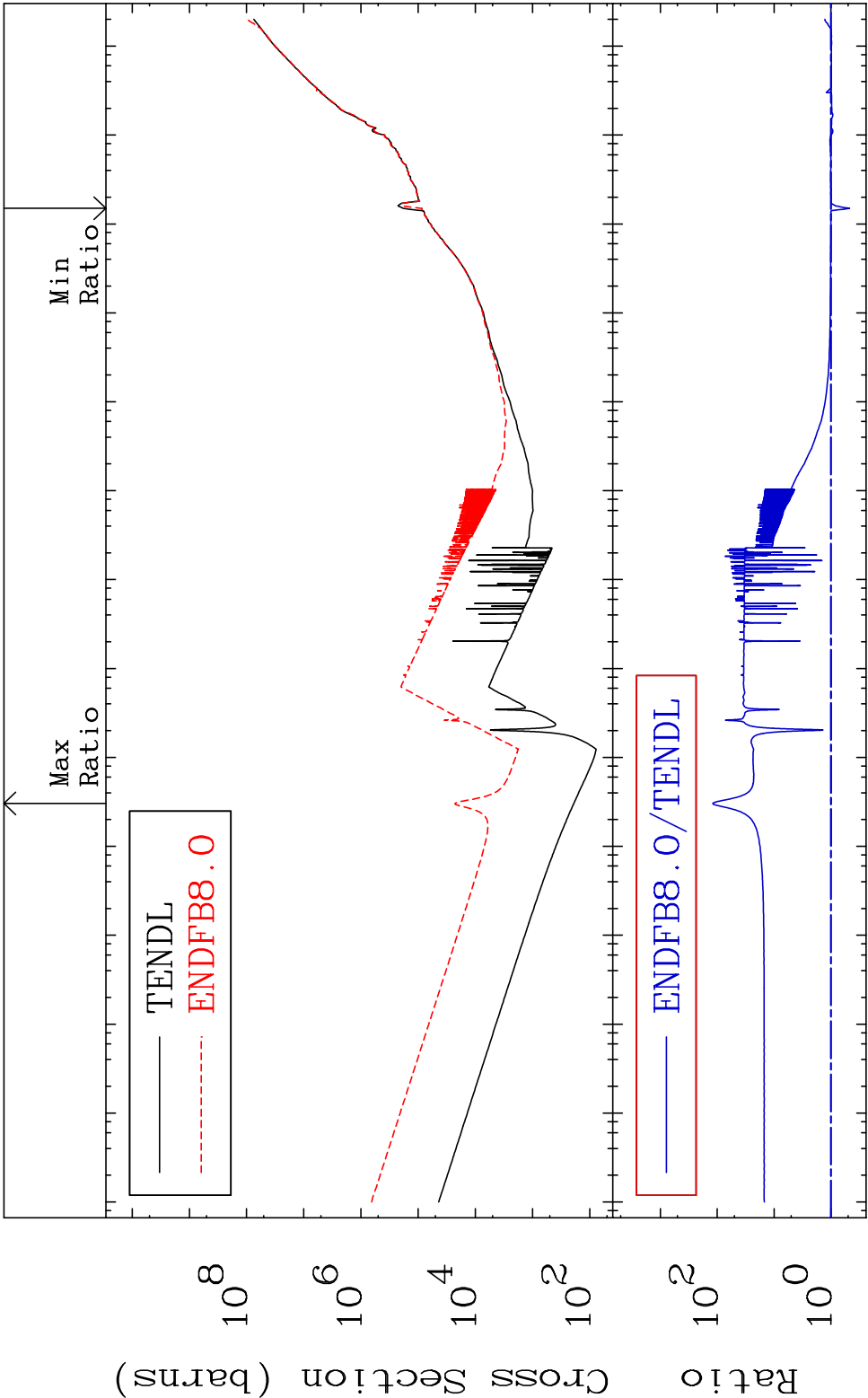
61-Pm-145

Cross Section

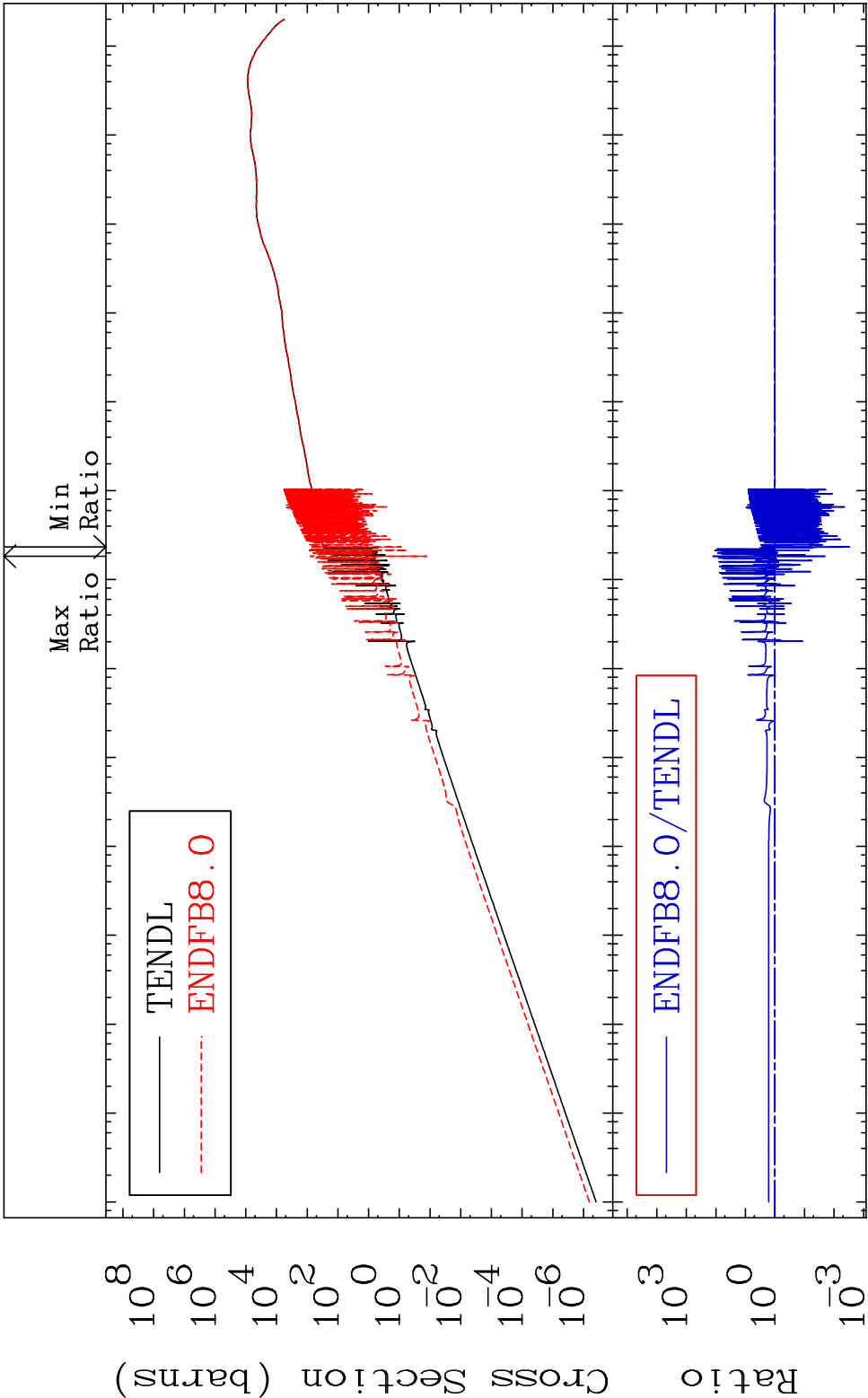
-17.95 To 3525. %



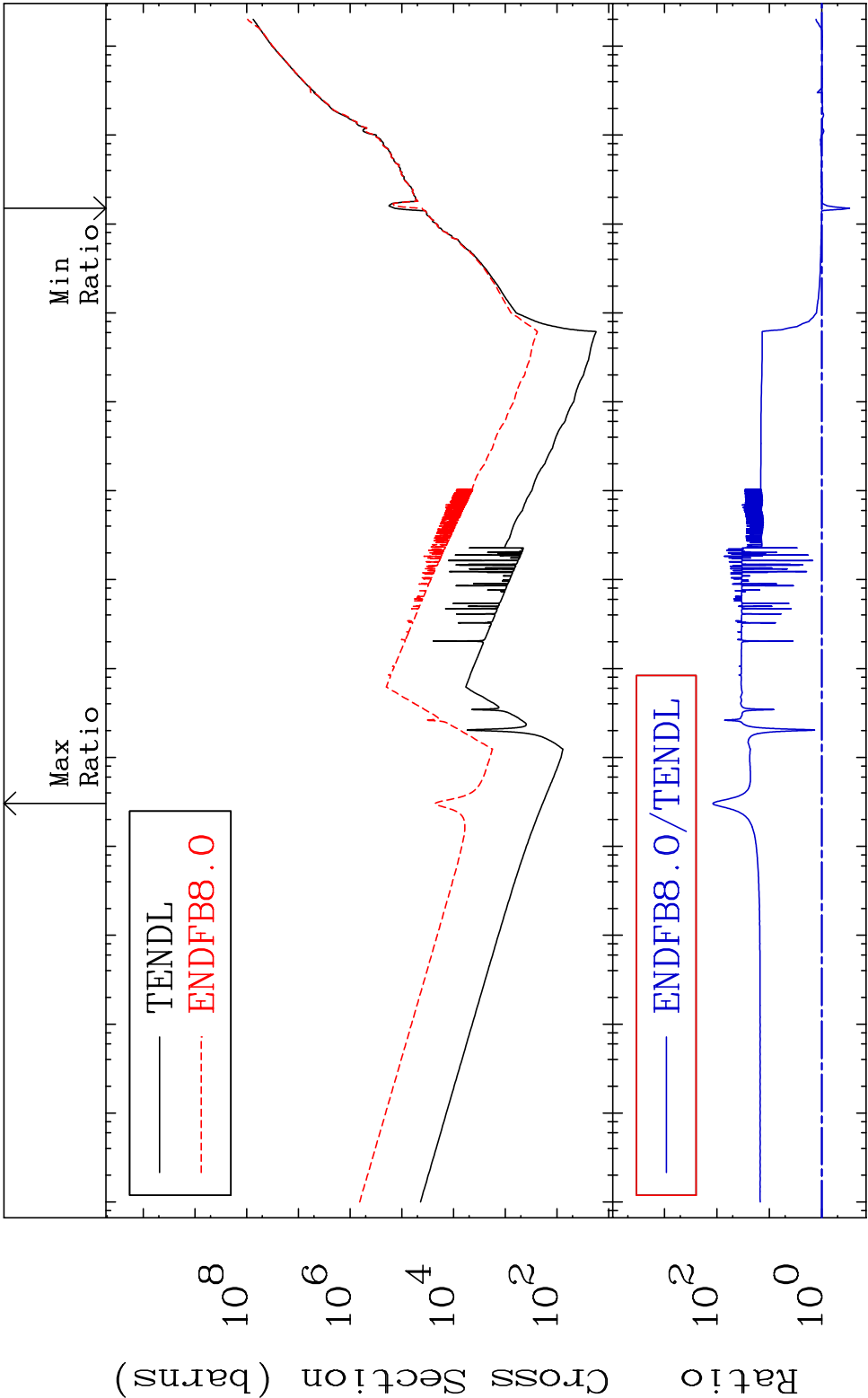
MAT 6143	Kerma total (eV-barns)	61-Pm-145
	Cross Section	-52.77 To 9999. %

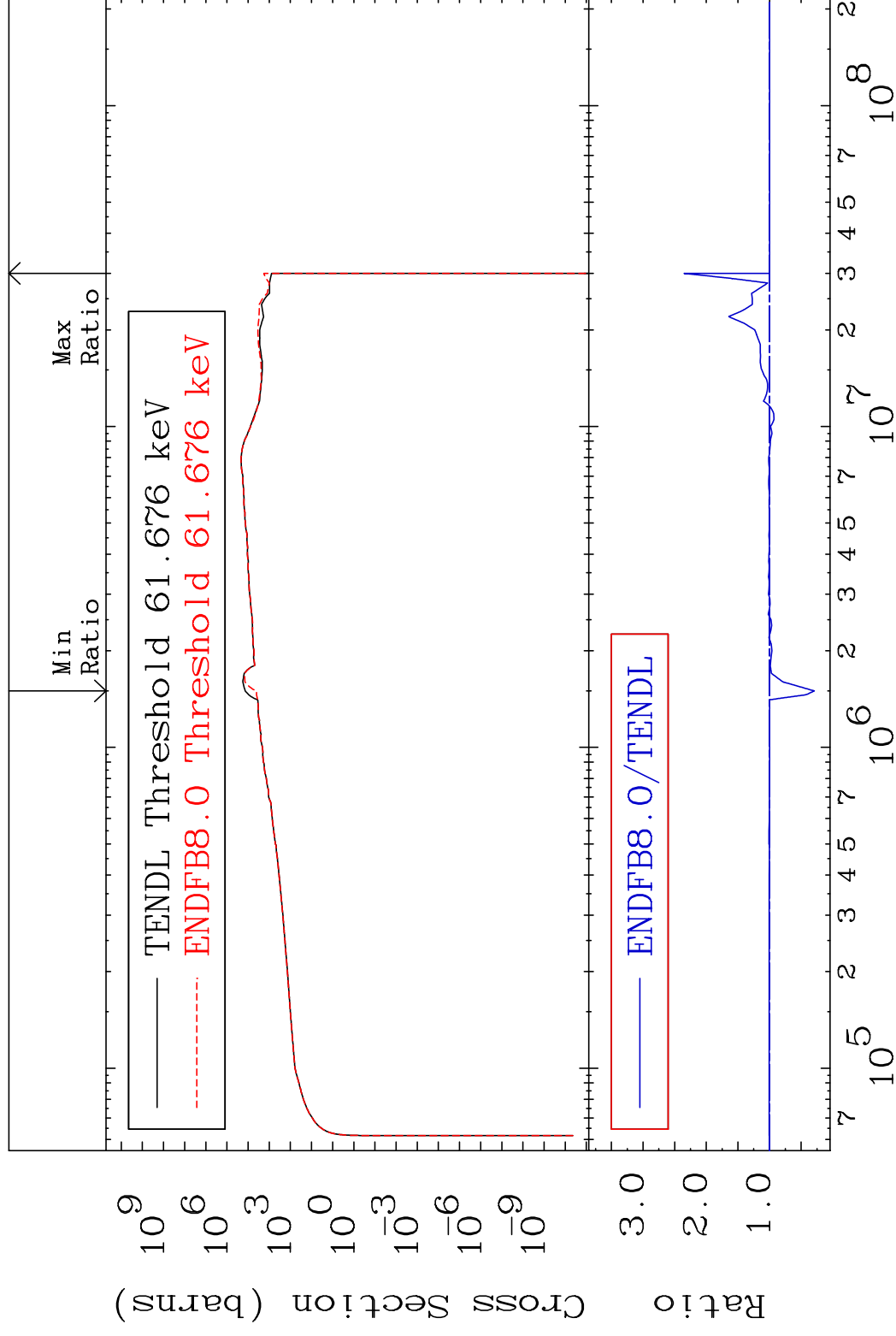


MAT 6143 Kerma elastic 61-Pm-145
 Cross Section -99.70 To 9999. %

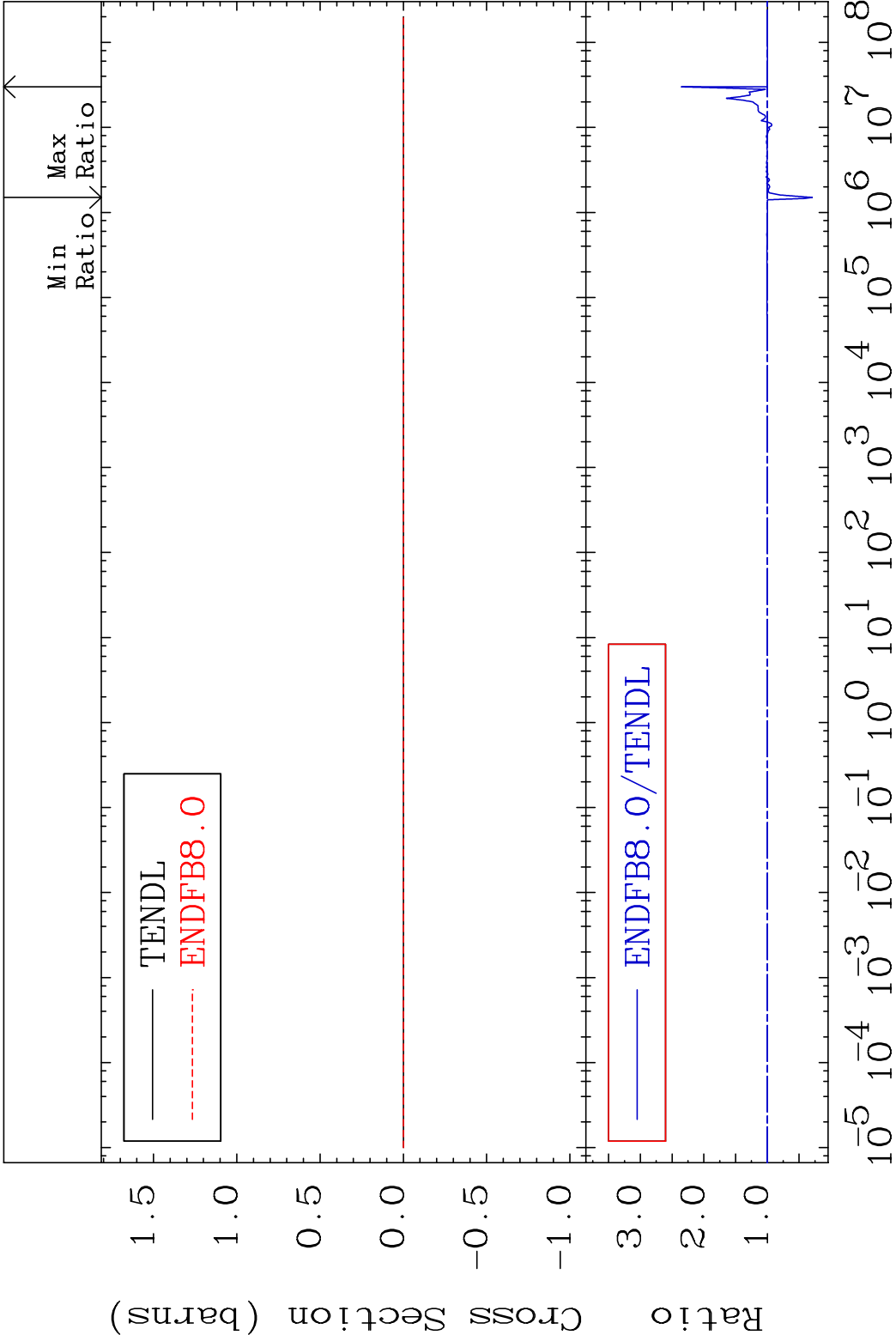


MAT 6143 Kerma non-elastic (all but mt2) 61-Pm-145
 Cross Section -70.52 To 9999. %



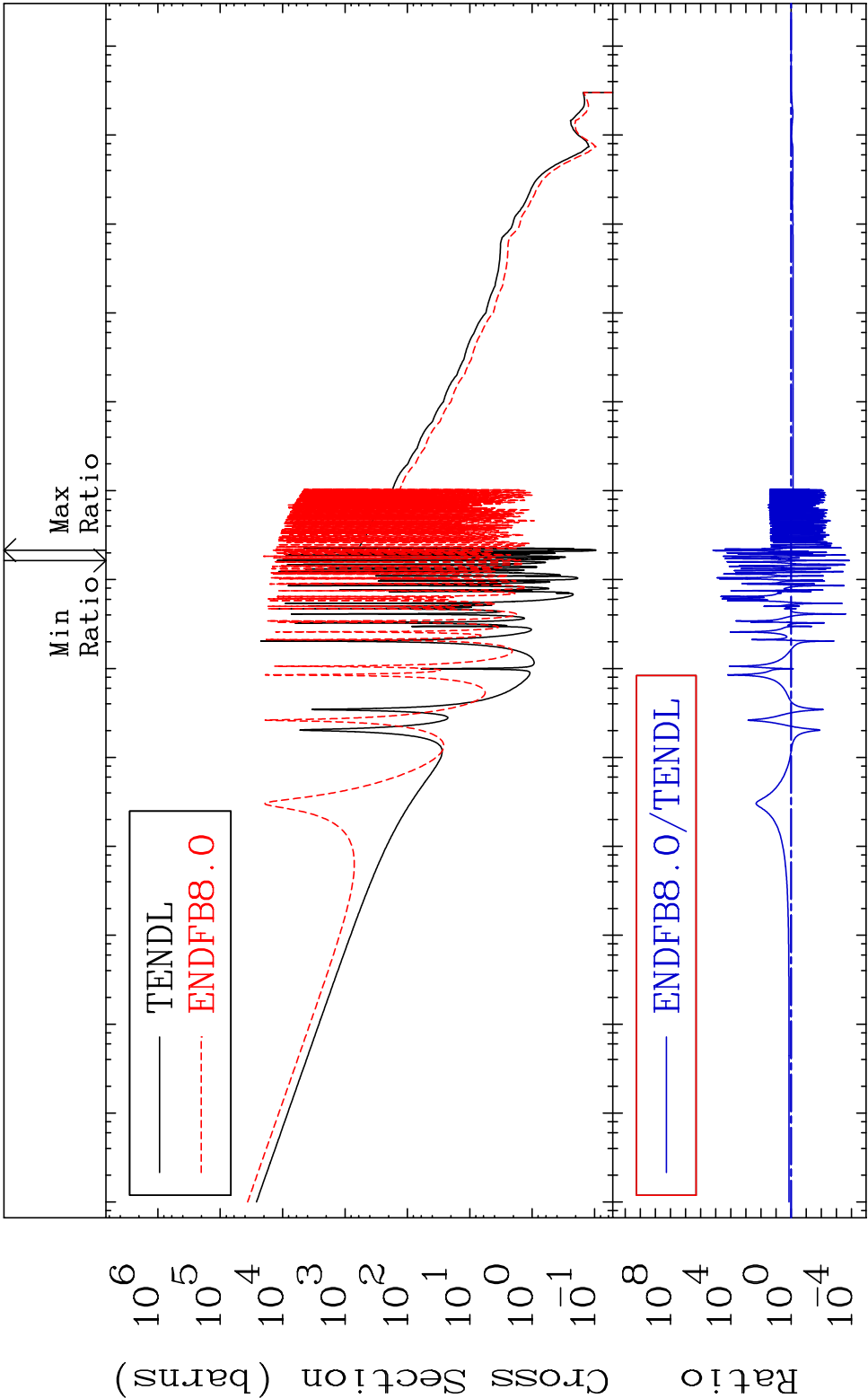


MAT 6143Kerma fission (mt18 or mt19-20-21-38)61-Pm-145
Cross Section -70.76 To 135.1 %



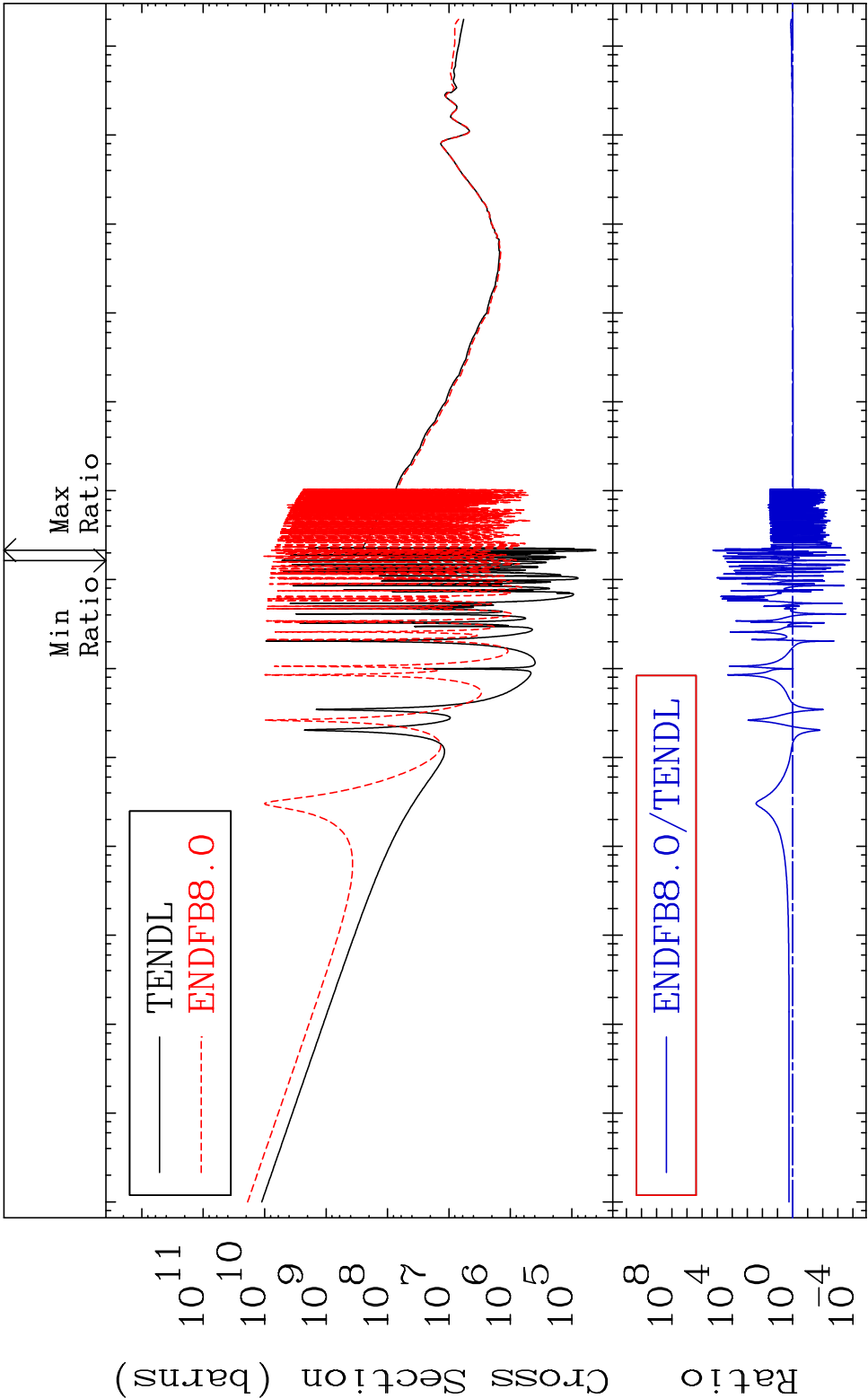
69 Incident Energy (eV) 61-Pm-145

MAT 6143 Kerma capture (mt102) 61-Pm-145
 Cross Section -99.99 To 9999. %

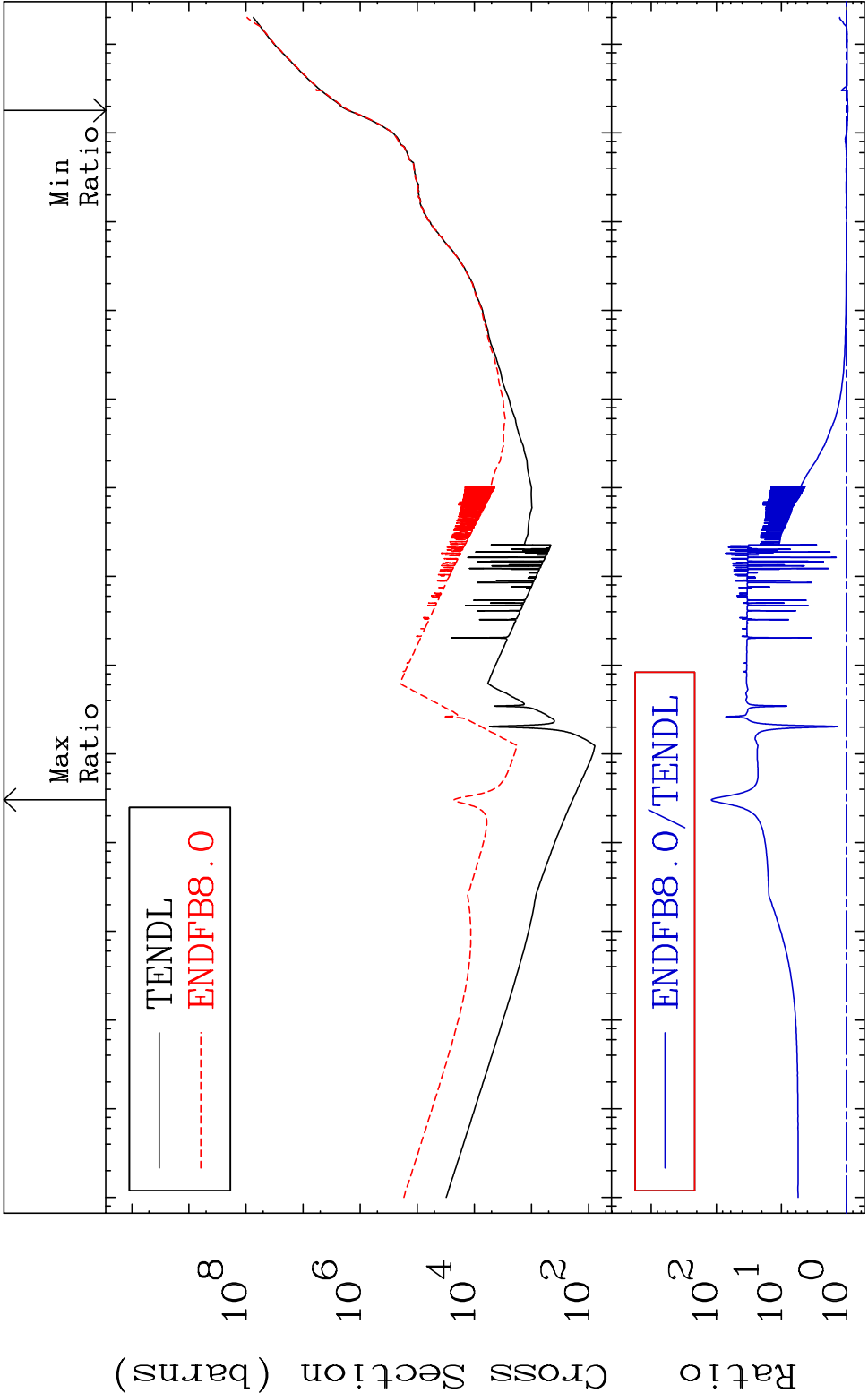


70 Incident Energy (eV) 61-Pm-145

MAT 6143 Total photon (eV-barns) 61-Pm-145
 Cross Section -99.98 To 9999. %



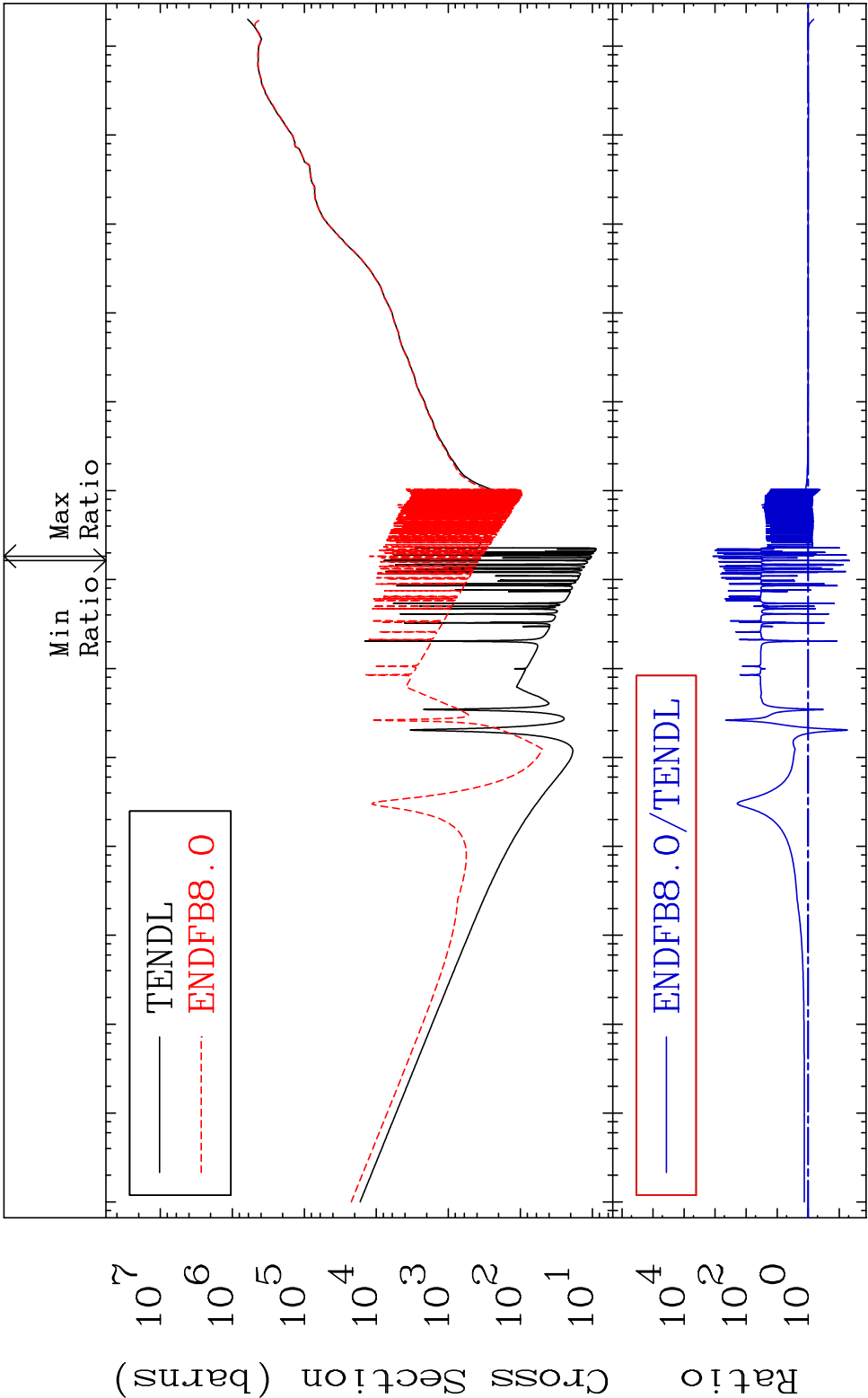
MAT 6143 Total kinematic kerma (high limit) 61-Pm-145
Cross Section -3.937 To 9999. %



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

72 Incident Energy (eV) 61-Pm-145

MAT 6143 Dpa total (eV-barns) 61-Pm-145
 Cross Section -95.35 To 9999. %



73 Incident Energy (eV) 61-Pm-145

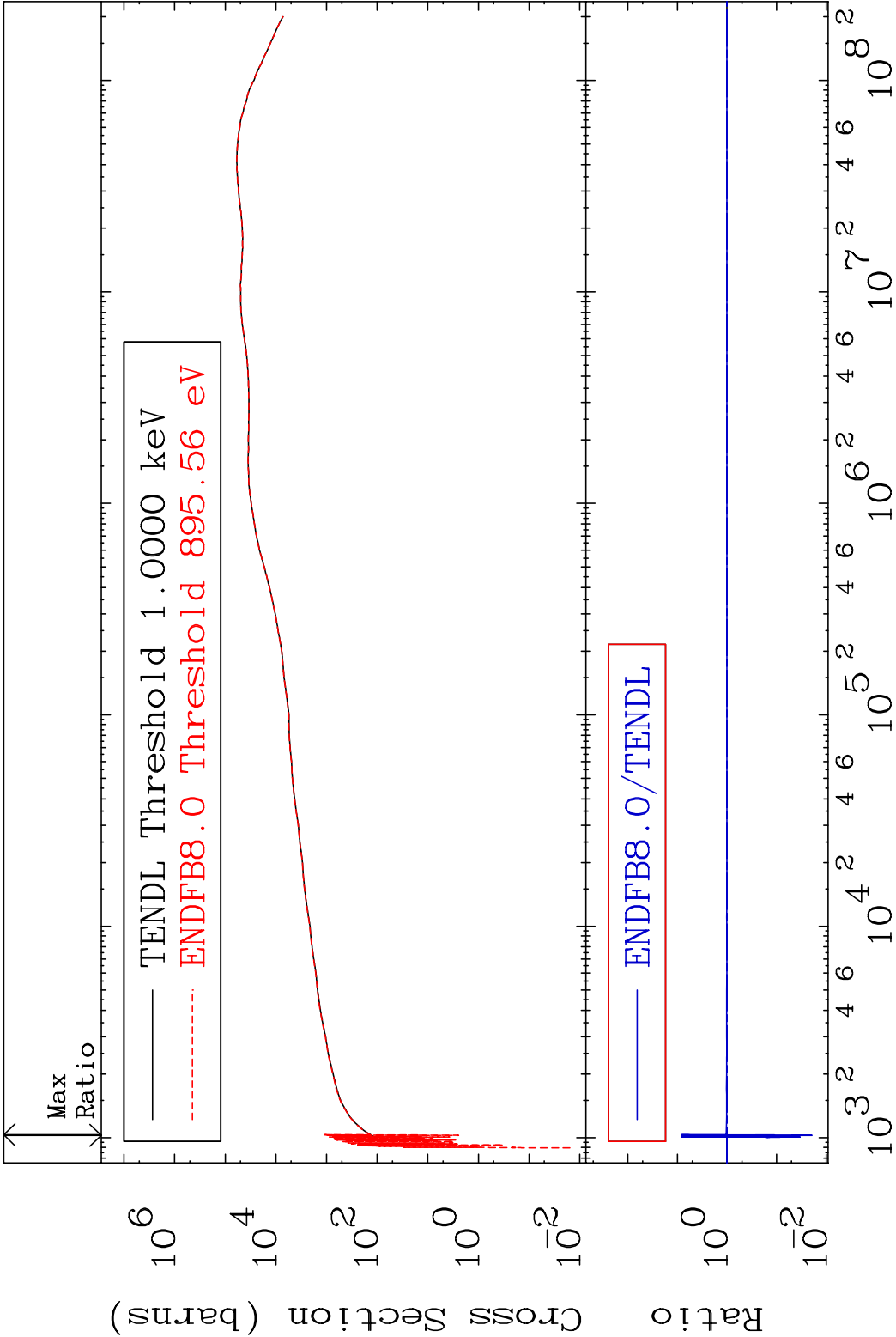
MAT 6143

Dpa elastic (mt2)

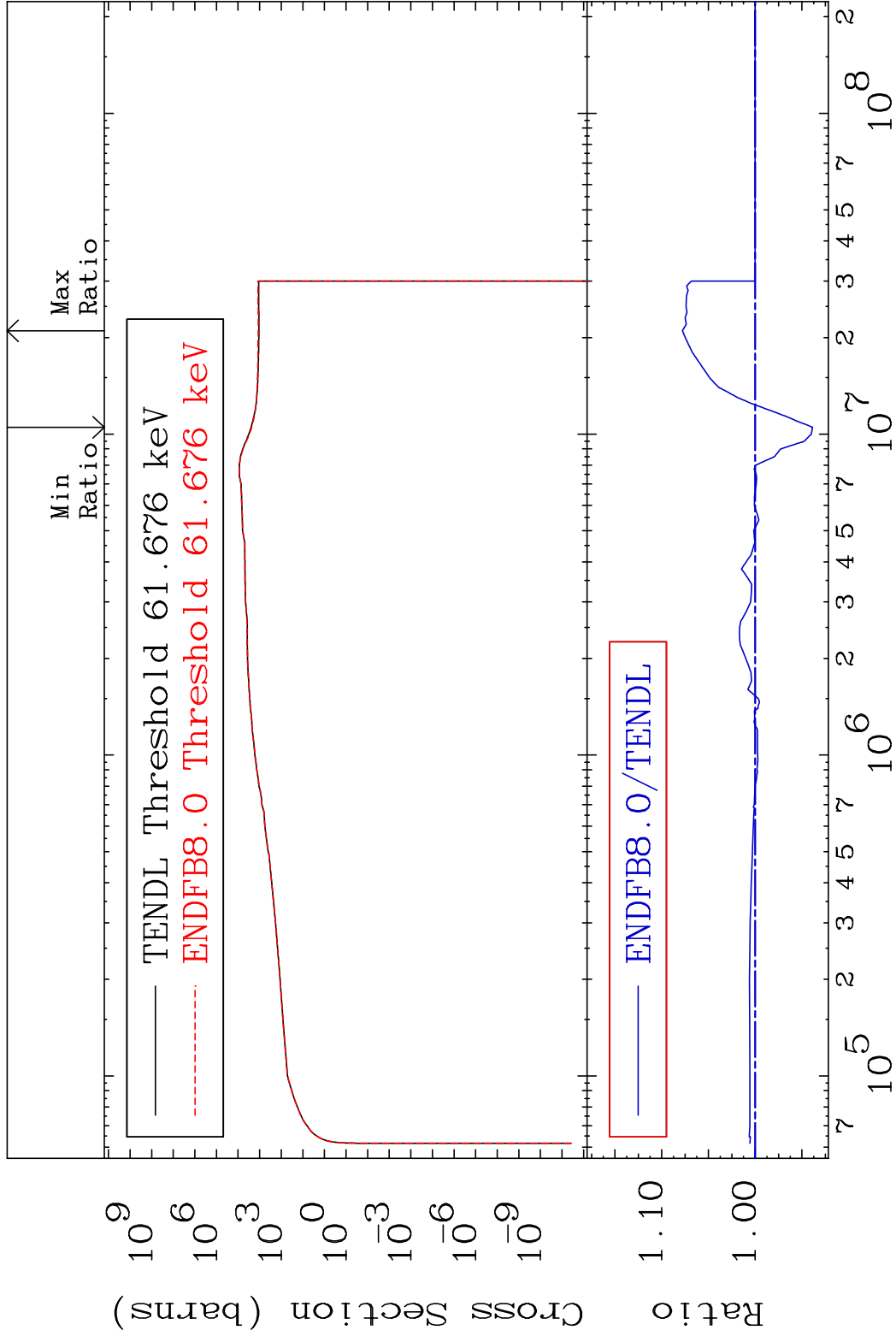
61-Pm-145

Cross Section

-98.09 To 724.9 %



MAT 6143 Dpa inelastic (mt51-91) 61-Pm-145
Cross Section -6.134 To 7.792 %



75 Incident Energy (eV) 61-Pm-145

MAT 6143 Dpa disappearance (mt102 -120) 61-Pm-145
Cross Section -95.35 To 9999. %

