

Program Complot
(Version 2021-1)

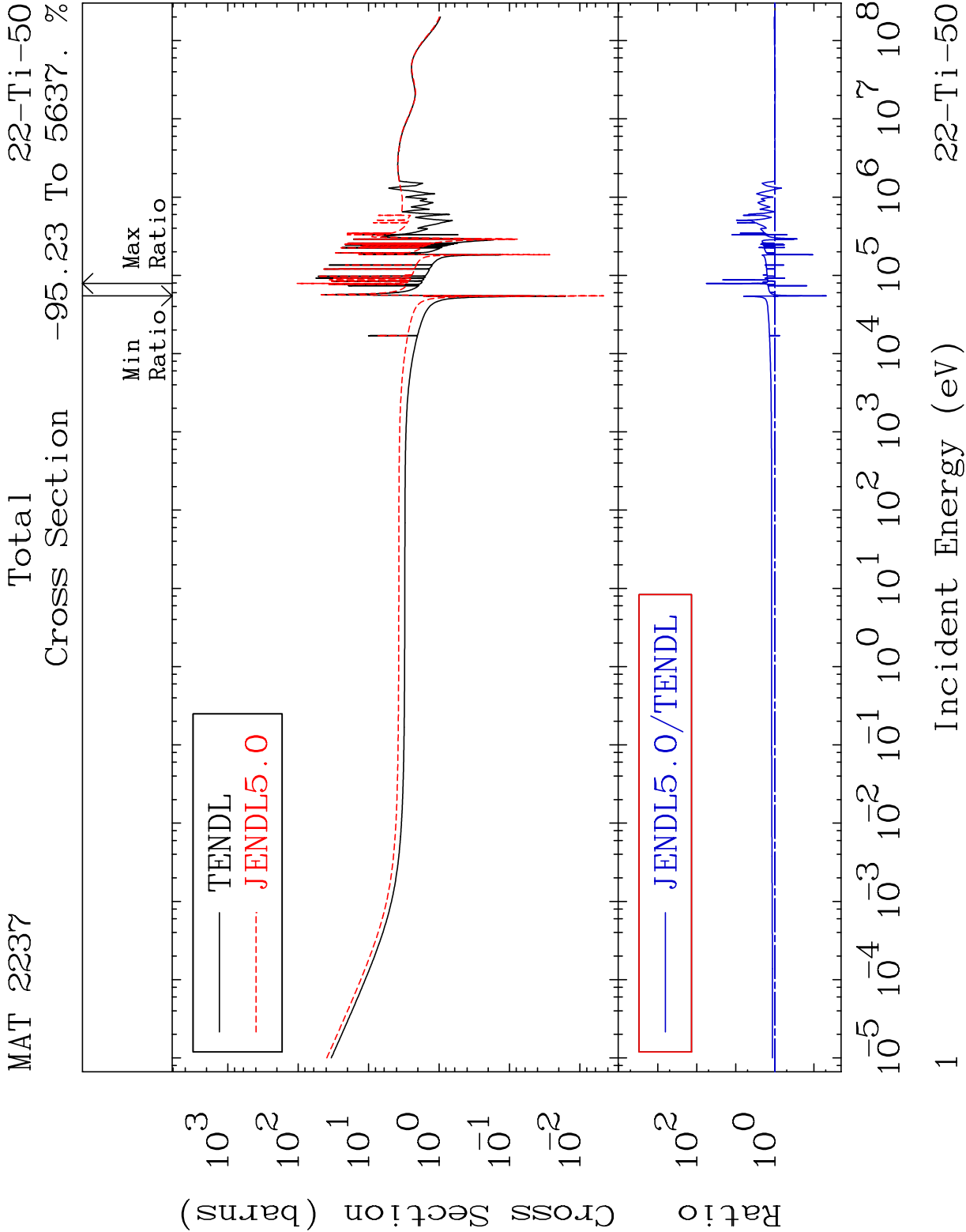
by

Dermott E. Cullen
(Present Contact Information)

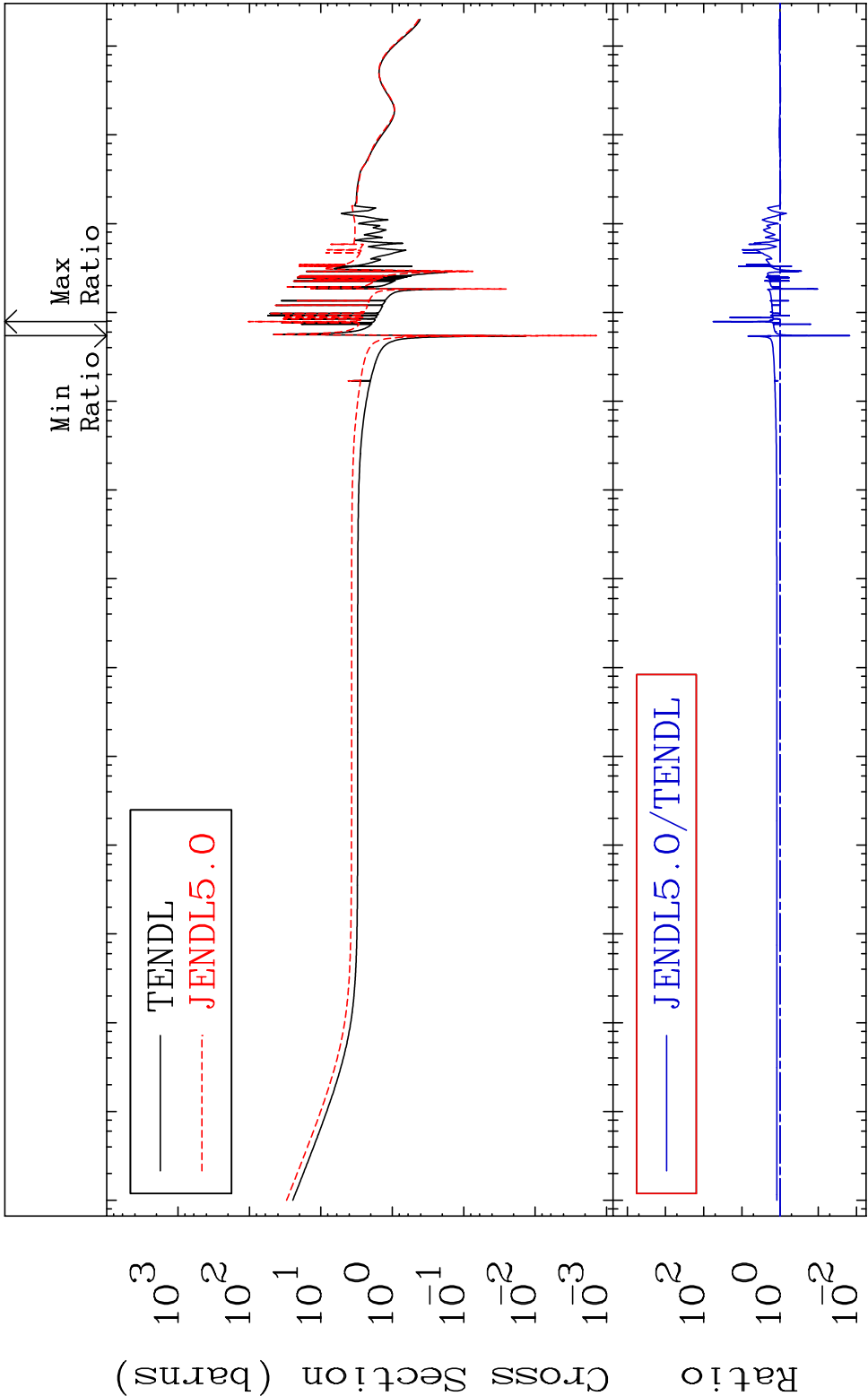
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Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



MAT 2237 Elastic 22-Ti-50
Cross Section -98.49 To 5613. %



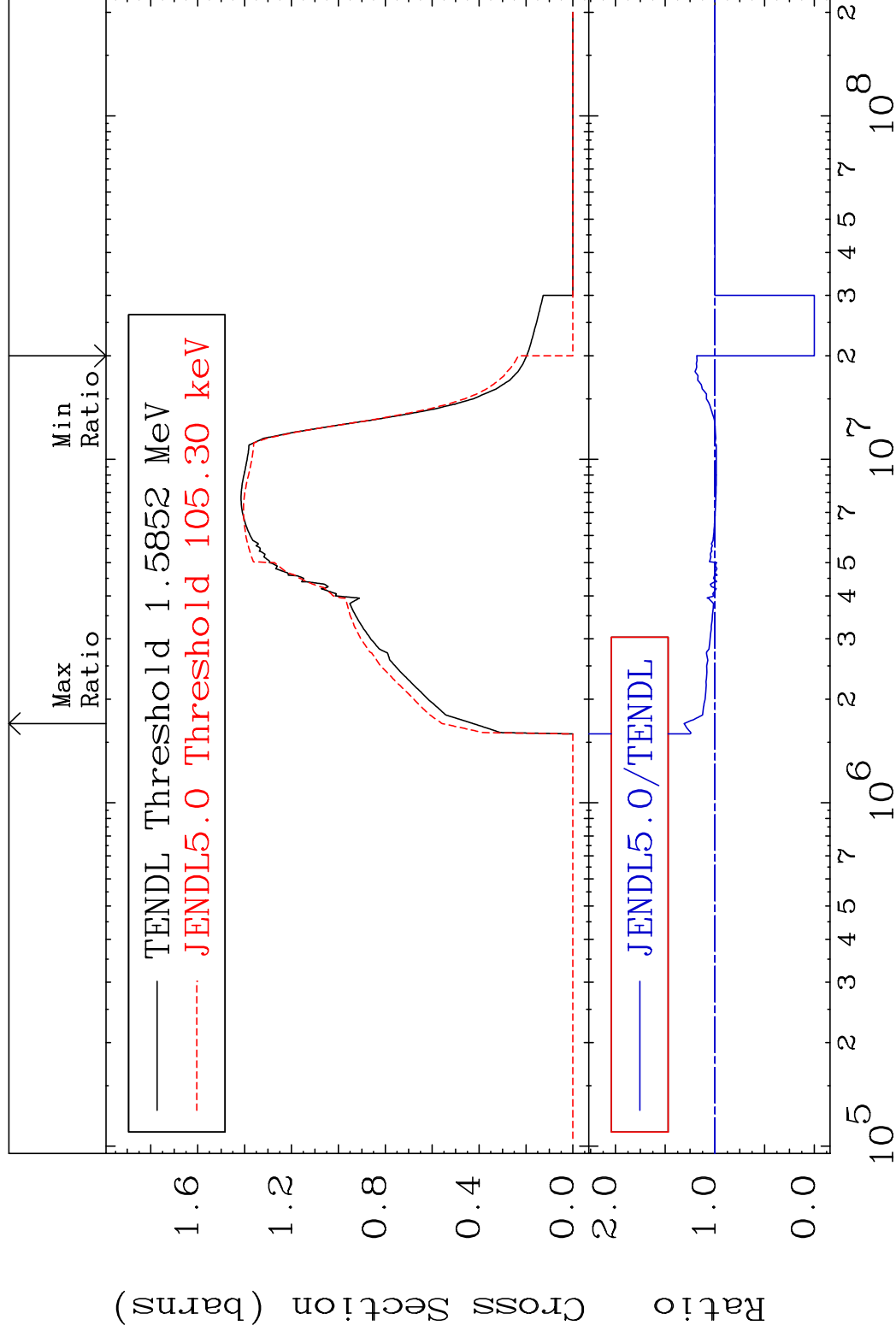
2 Incident Energy (eV) 22-Ti-50

MAT 2237

Inelastic

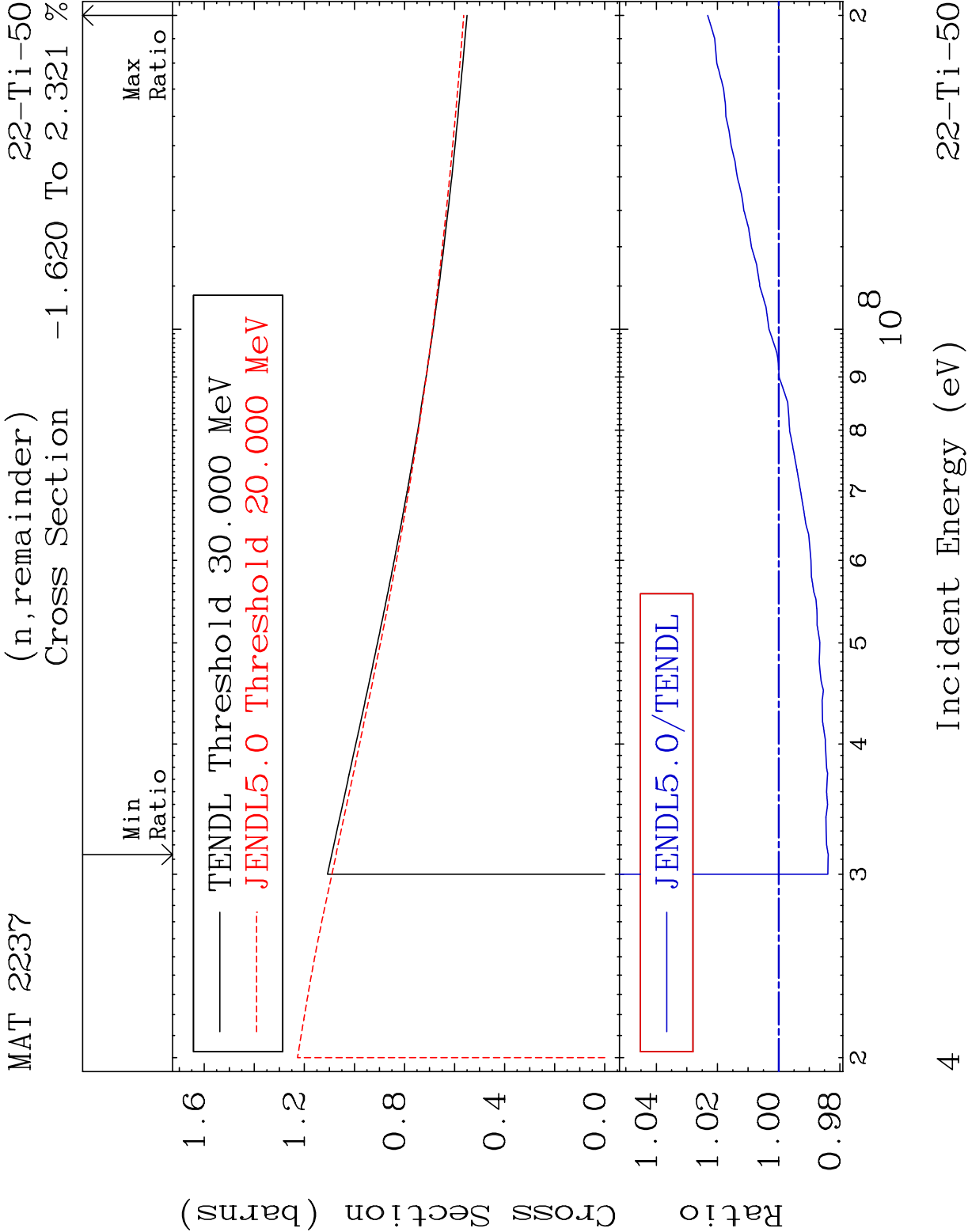
22-Ti-50

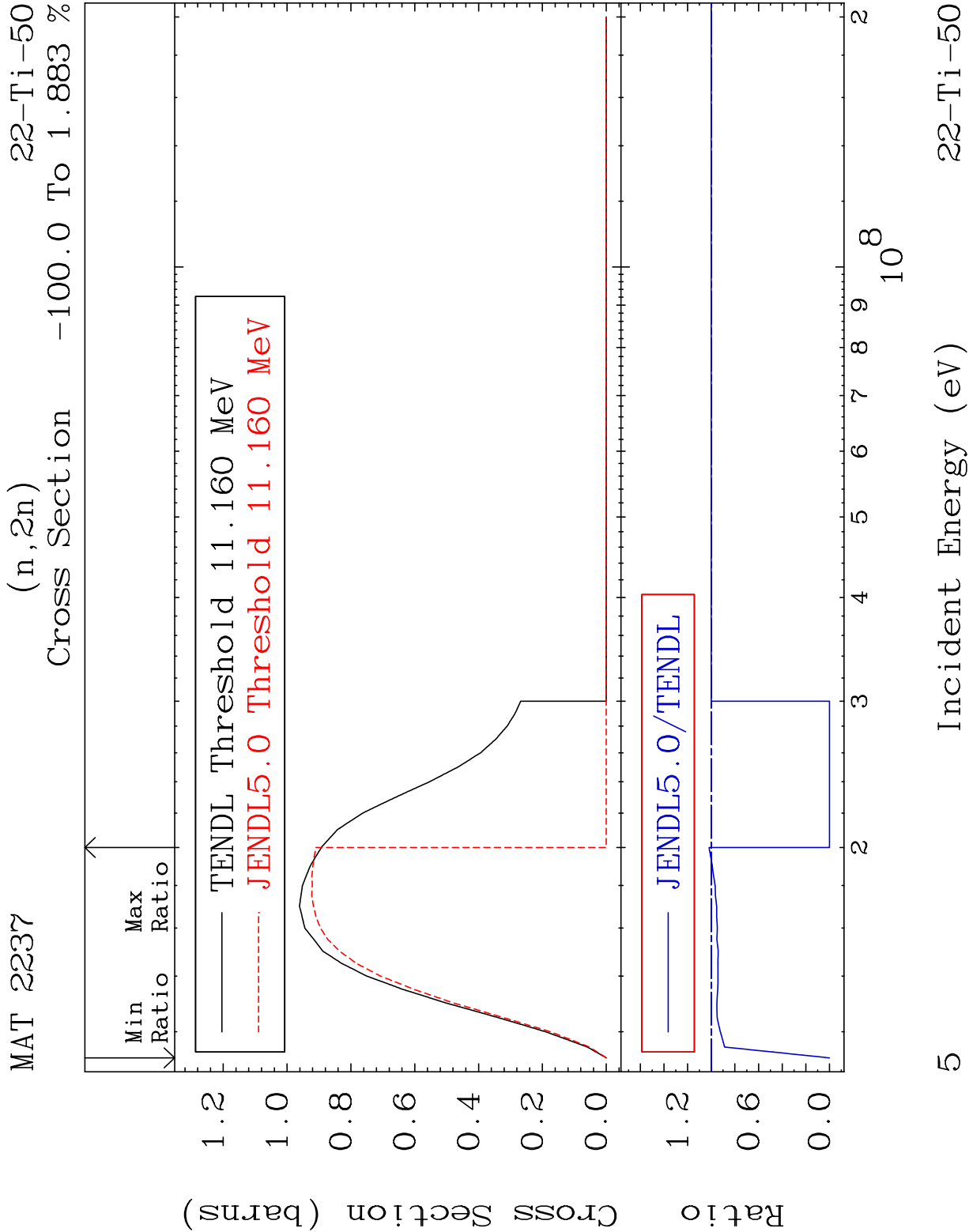
Cross Section -100.0 To 31.03 %

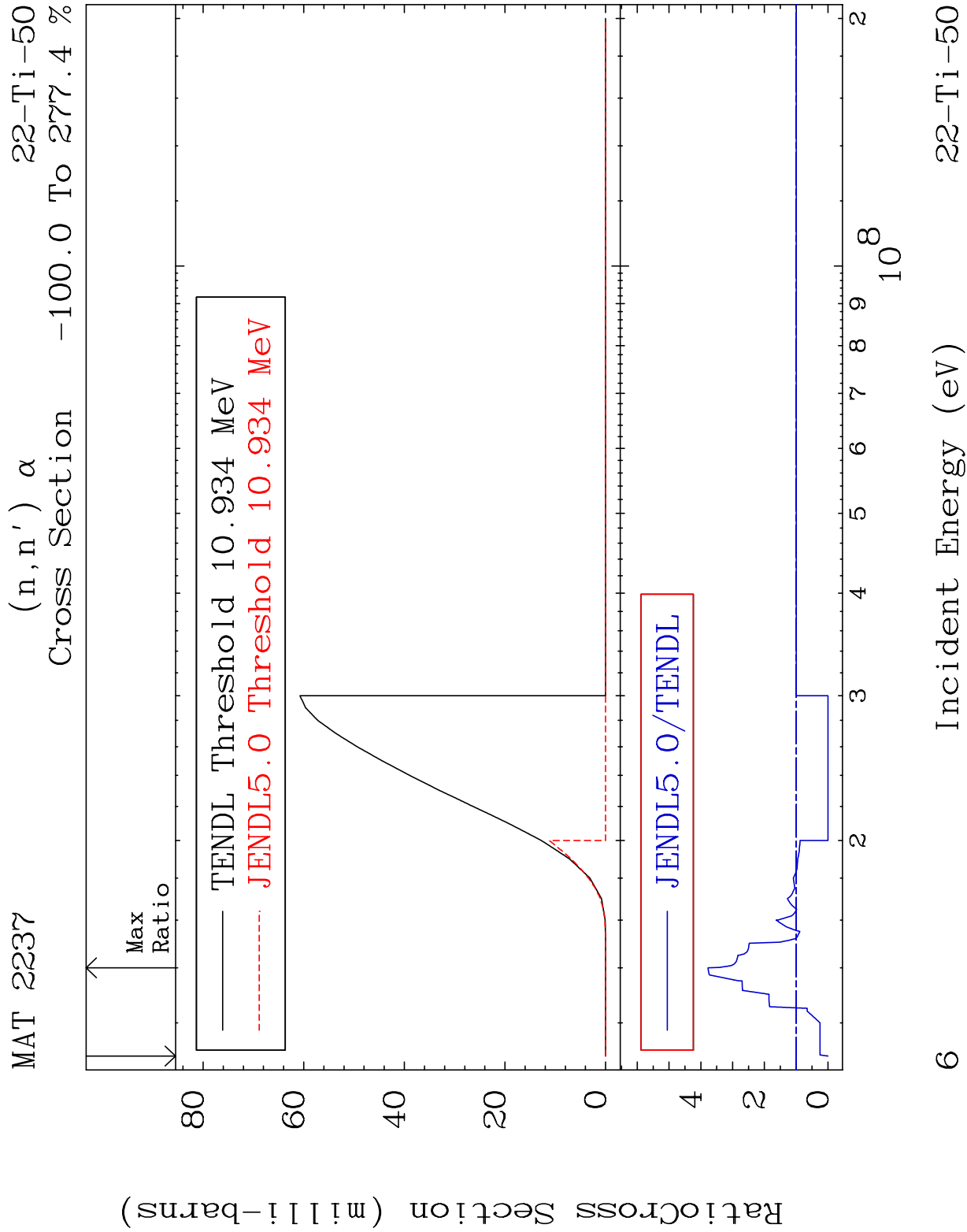


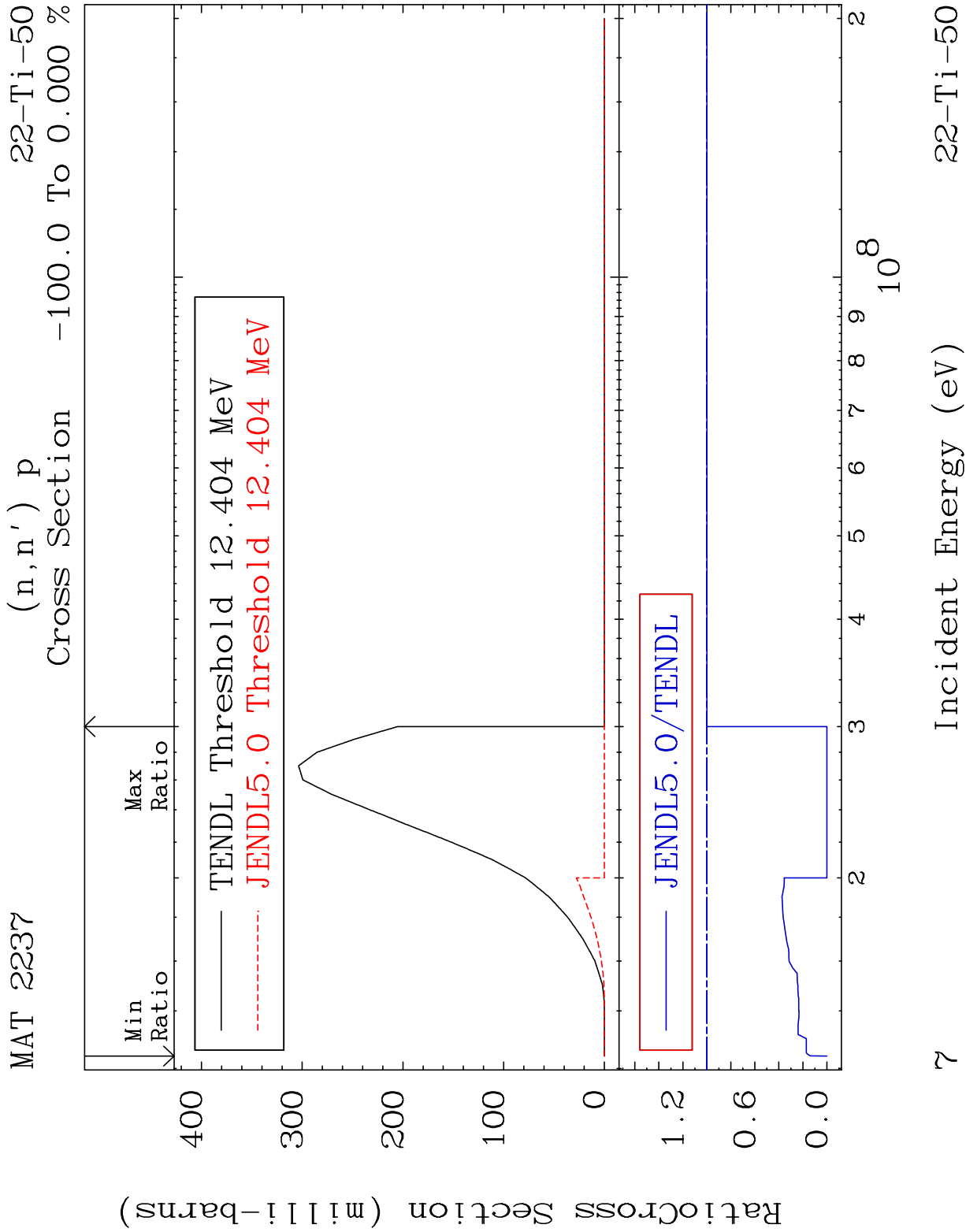
Incident Energy (eV)

22-Ti-50

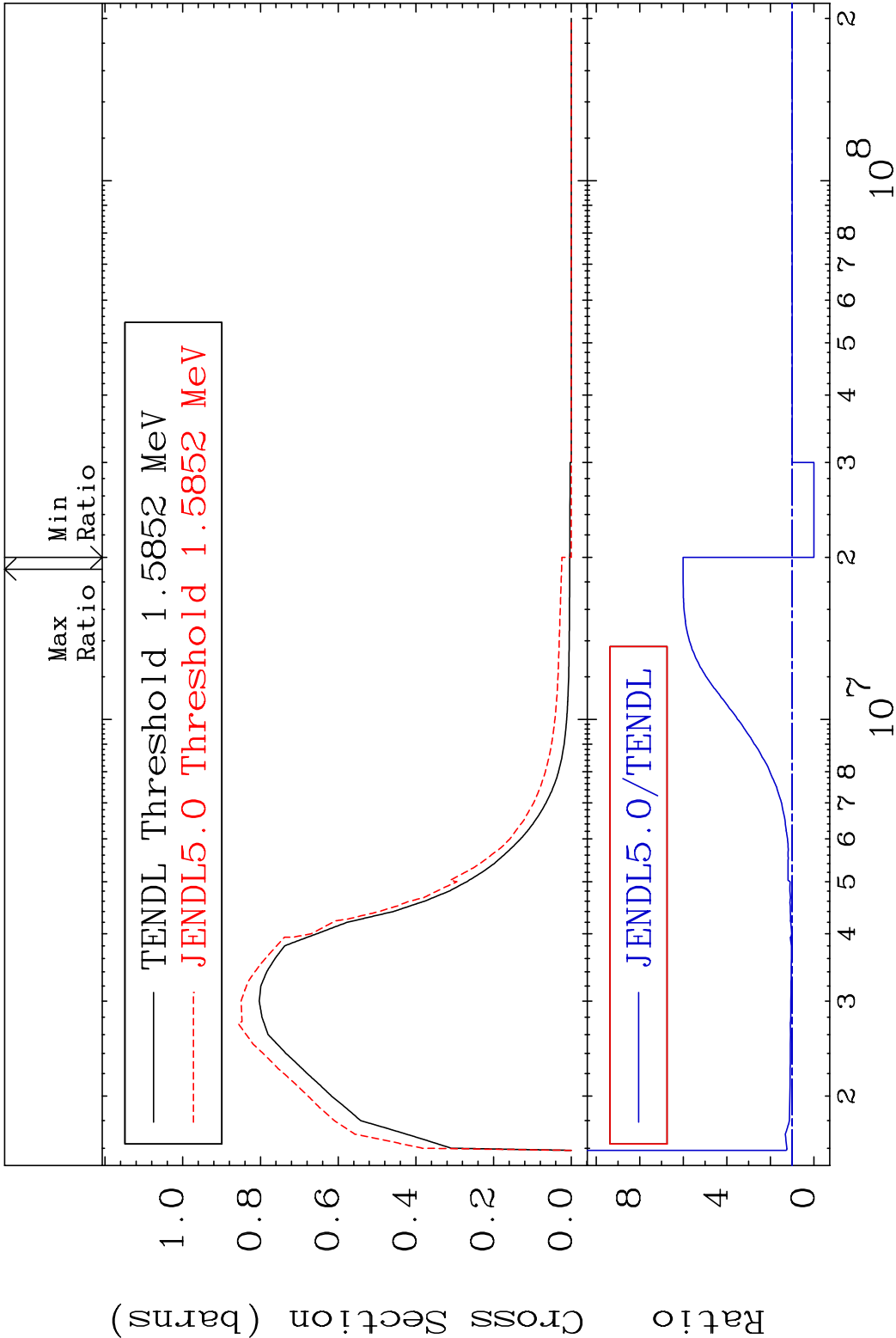


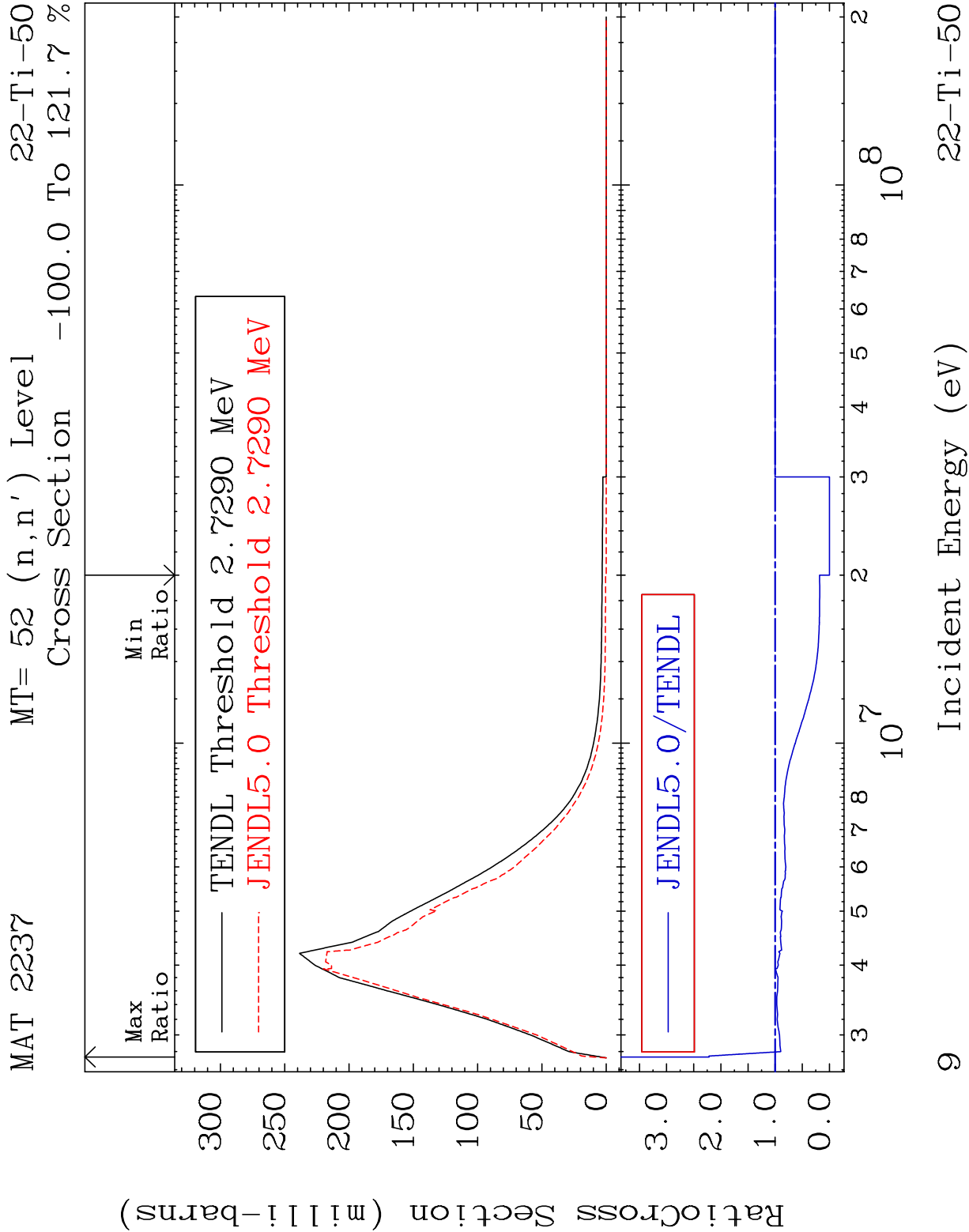




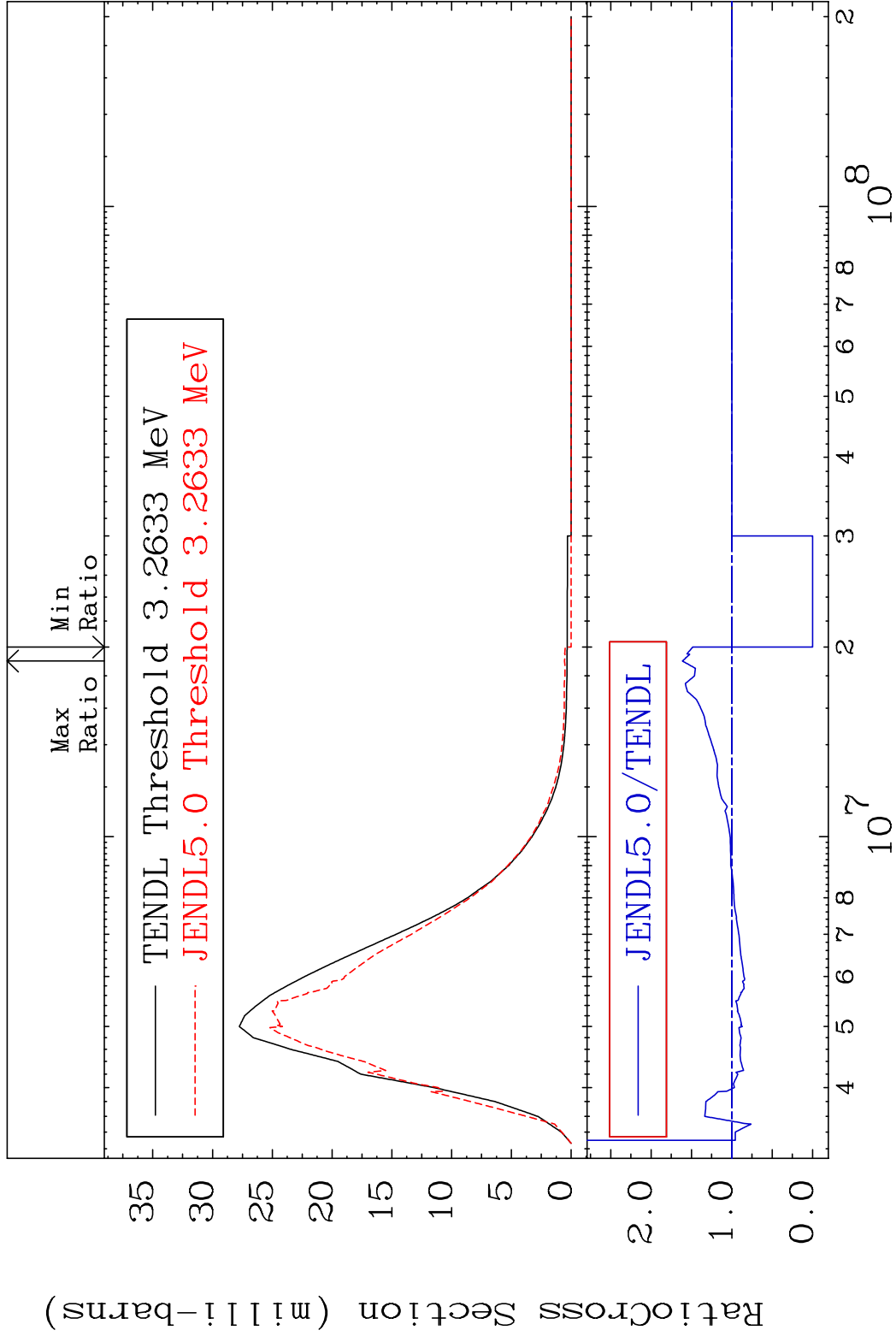


MAT 2237 MT= 51 (n,n') Level 22-Ti-50
Cross Section -100.0 To 501.1 %

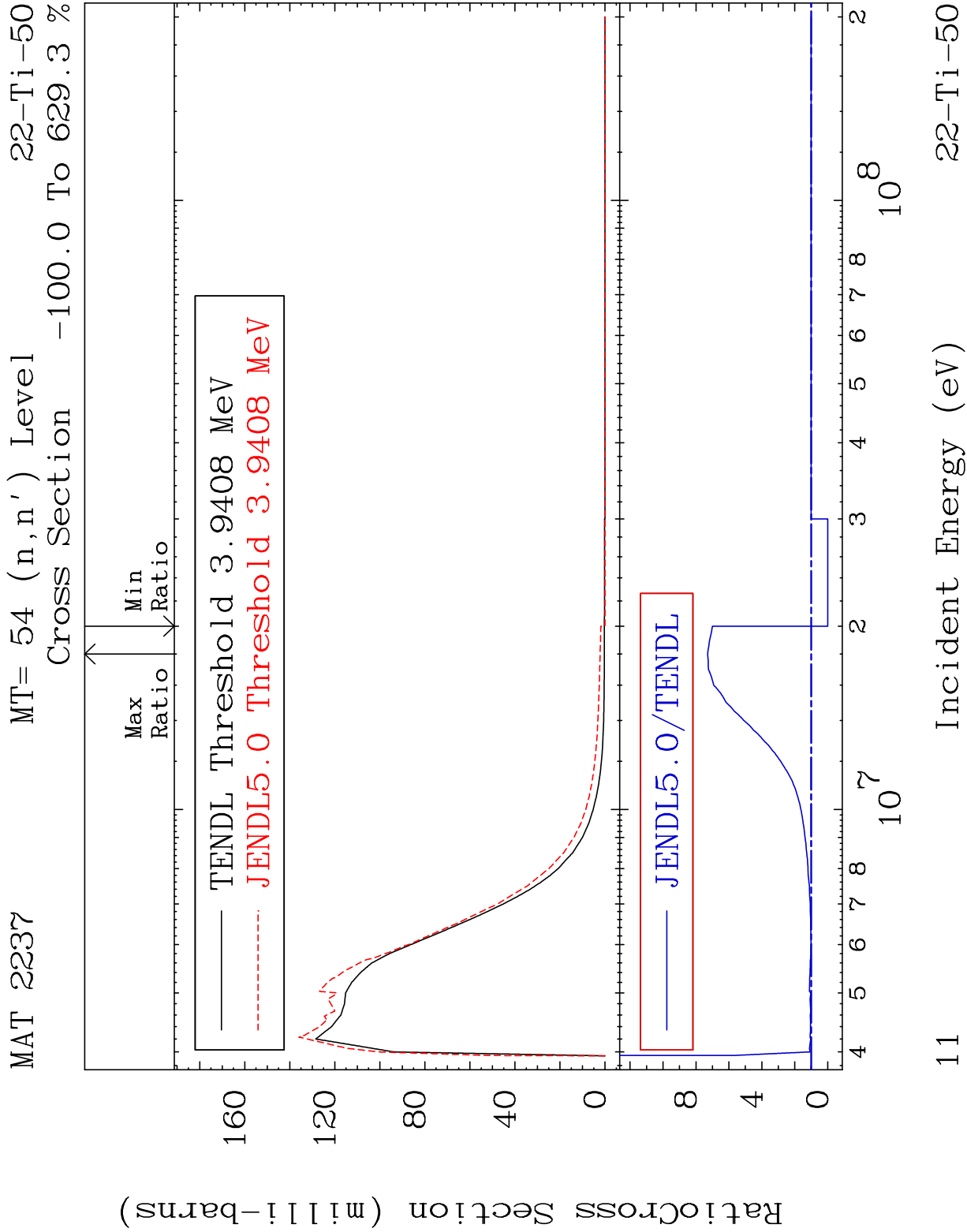


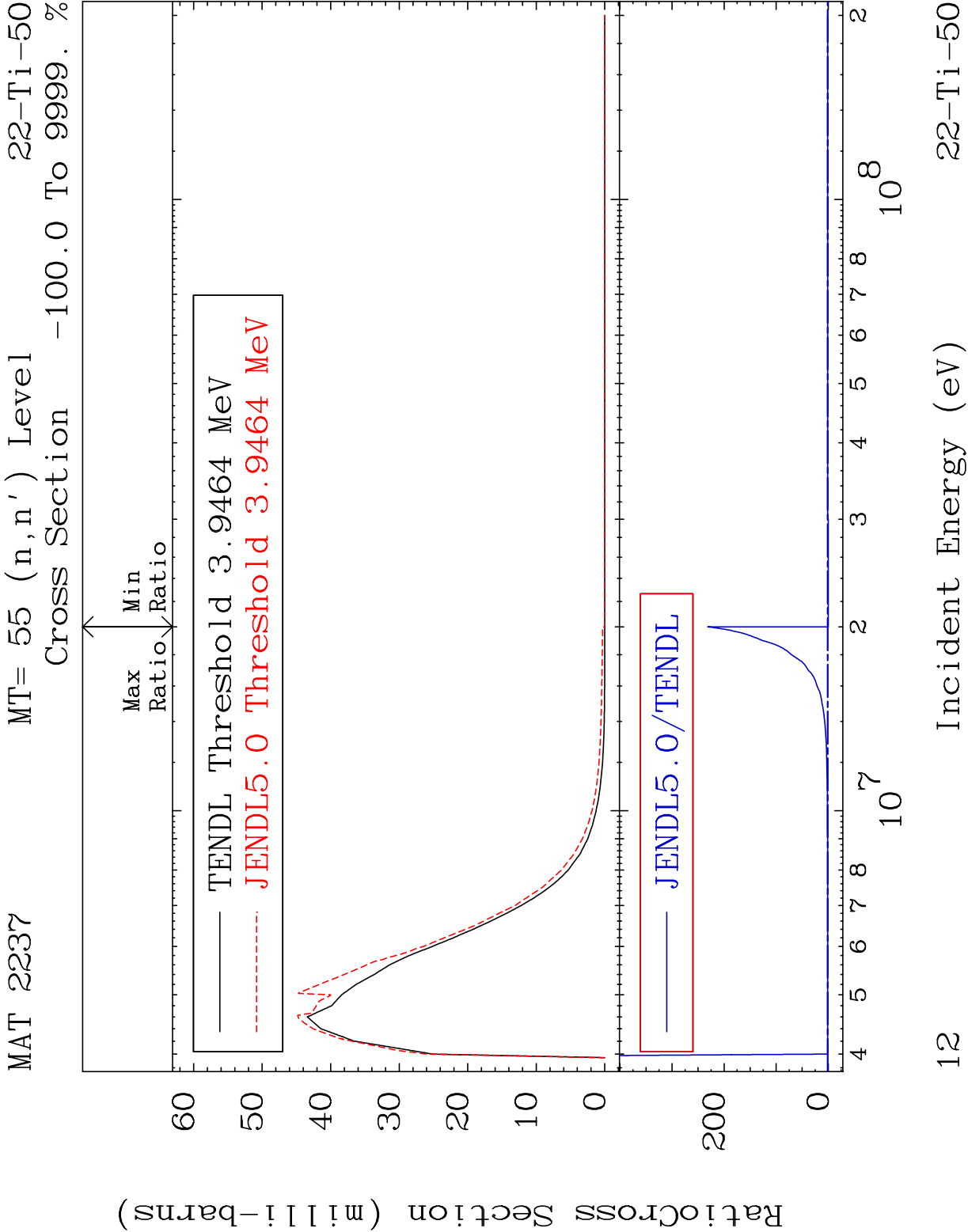


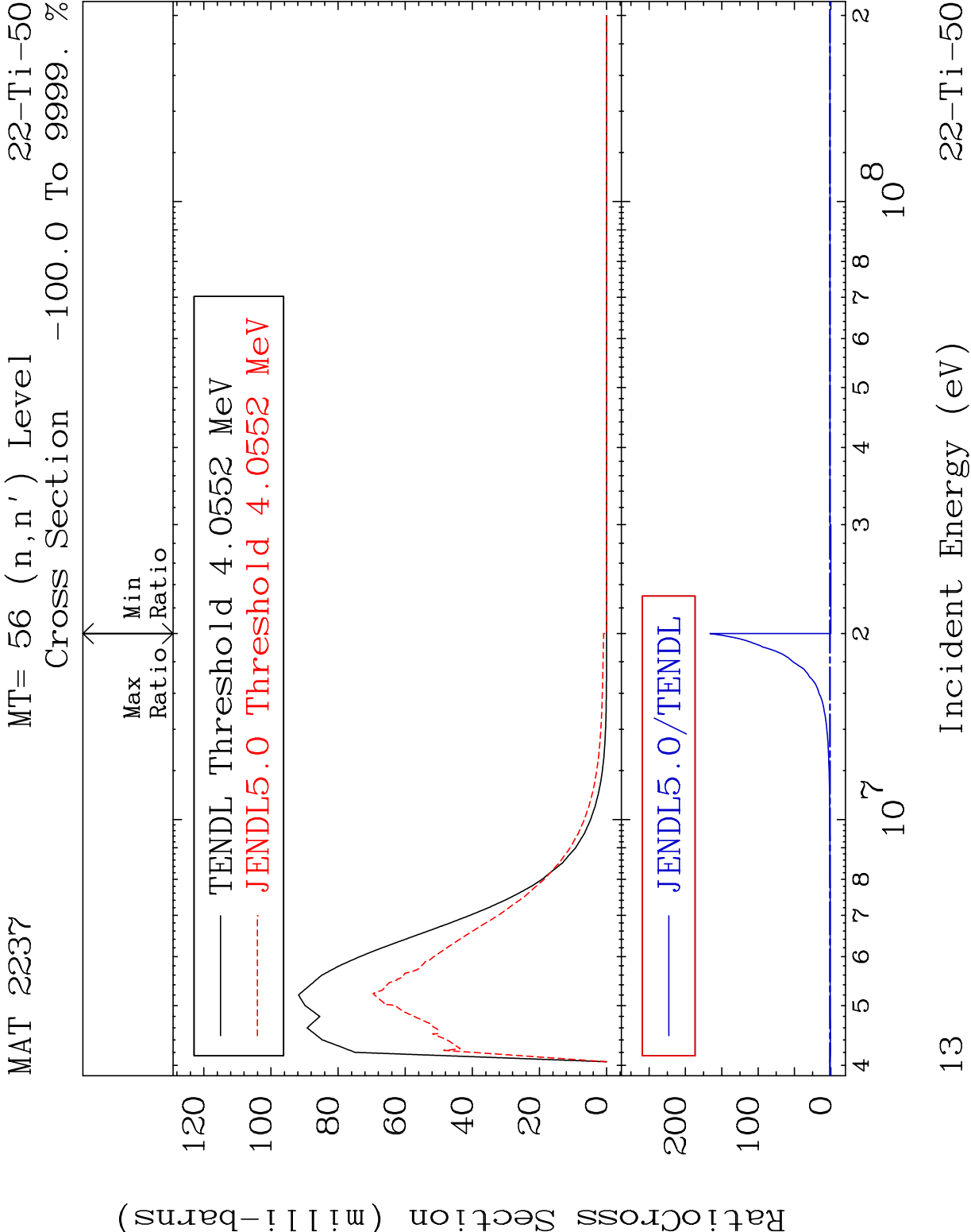
MAT 2237 MT= 53 (n,n') Level 22-Ti-50
Cross Section -100.0 To 61.29 %



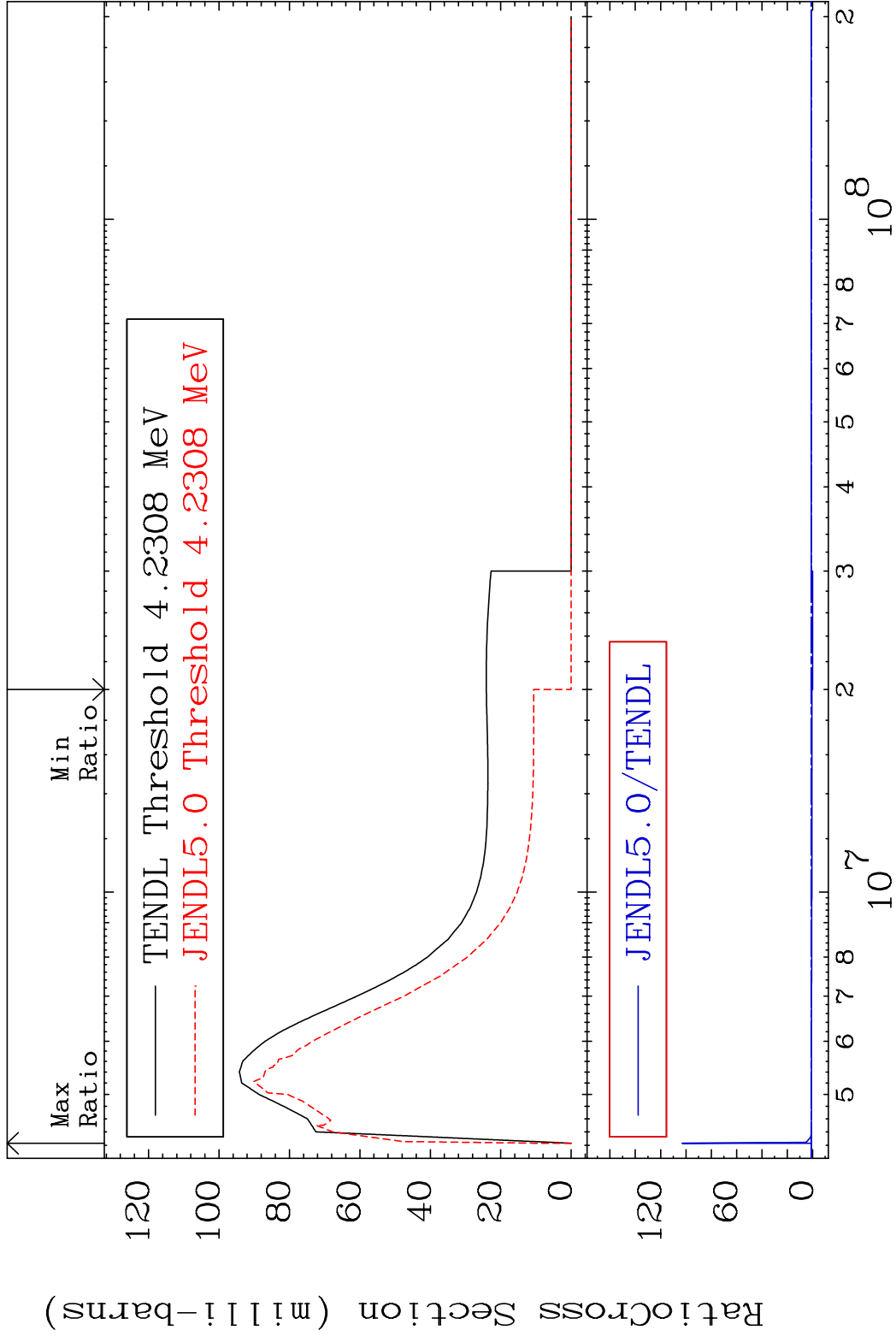
10 Incident Energy (eV) 22-Ti-50



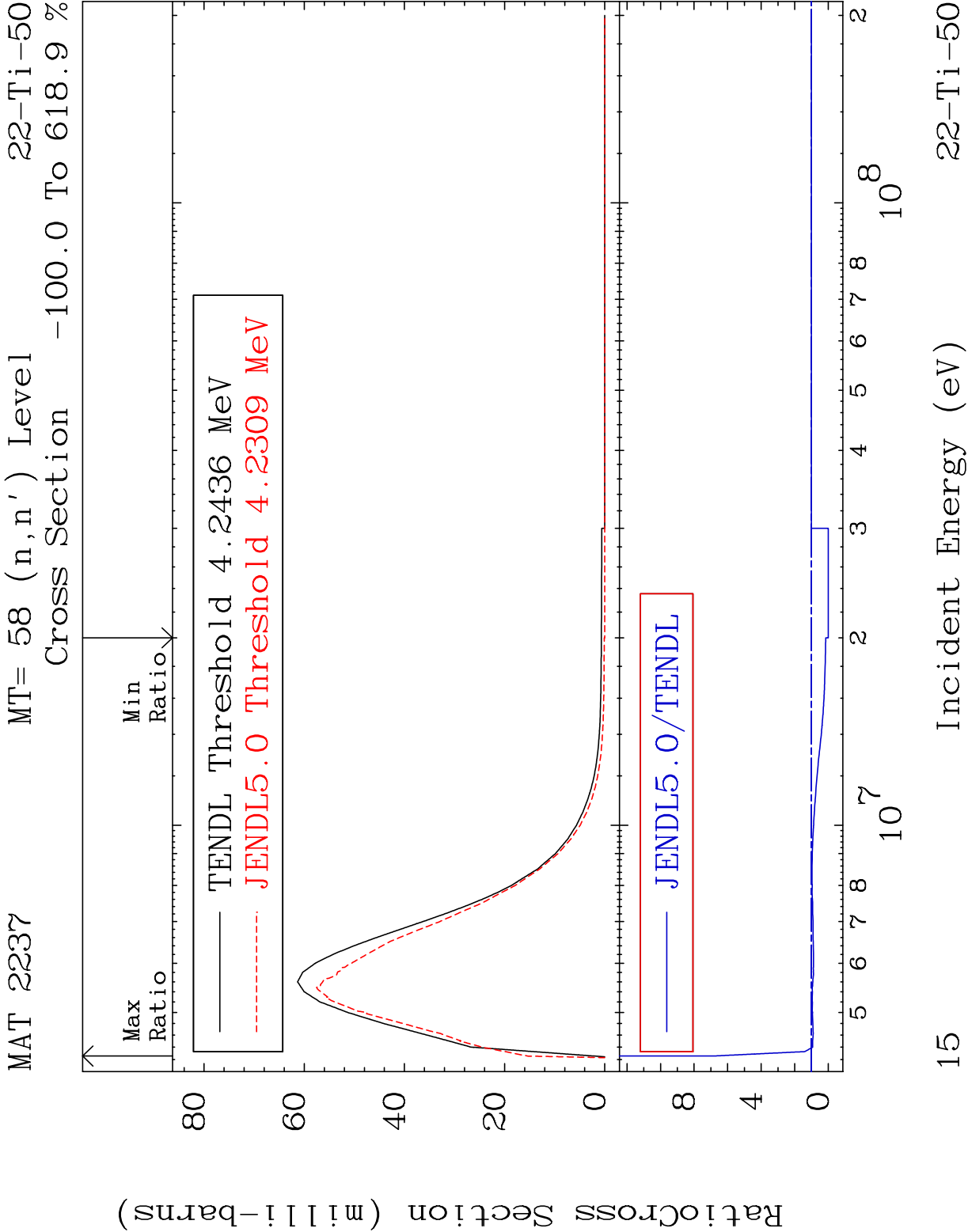


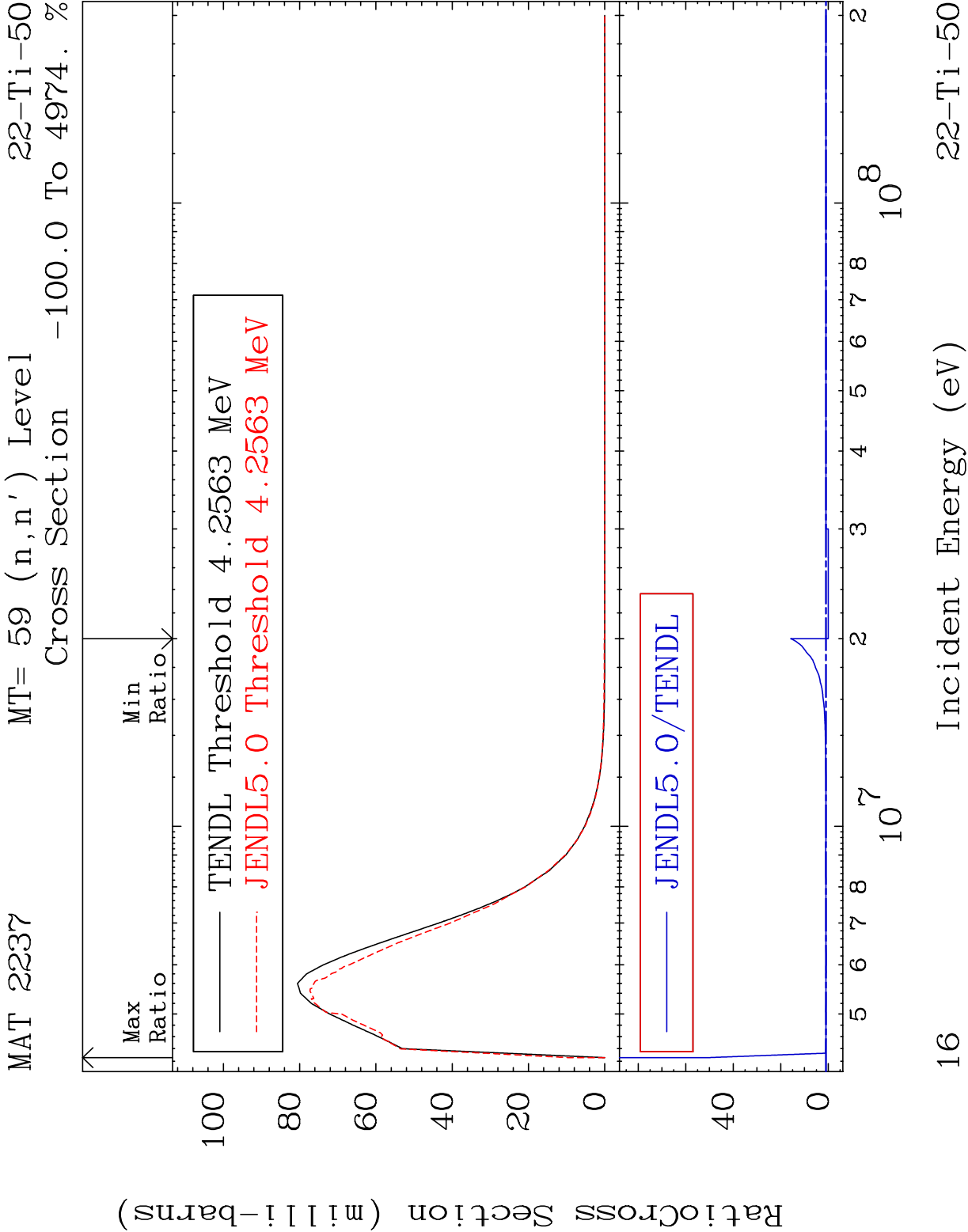


MAT 2237 MT= 57 (n,n') Level 22-Ti-50
Cross Section -100.0 To 9999. %

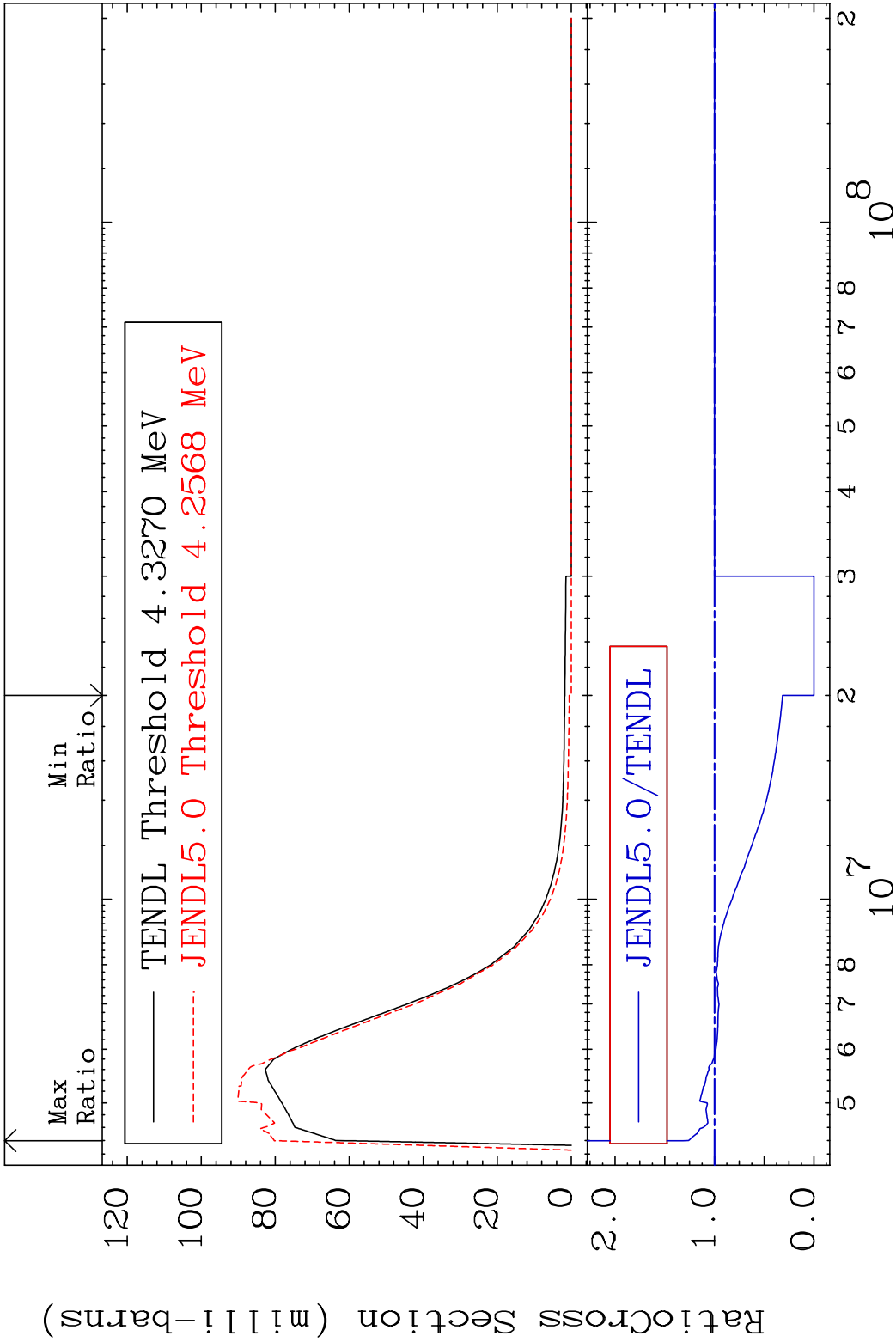


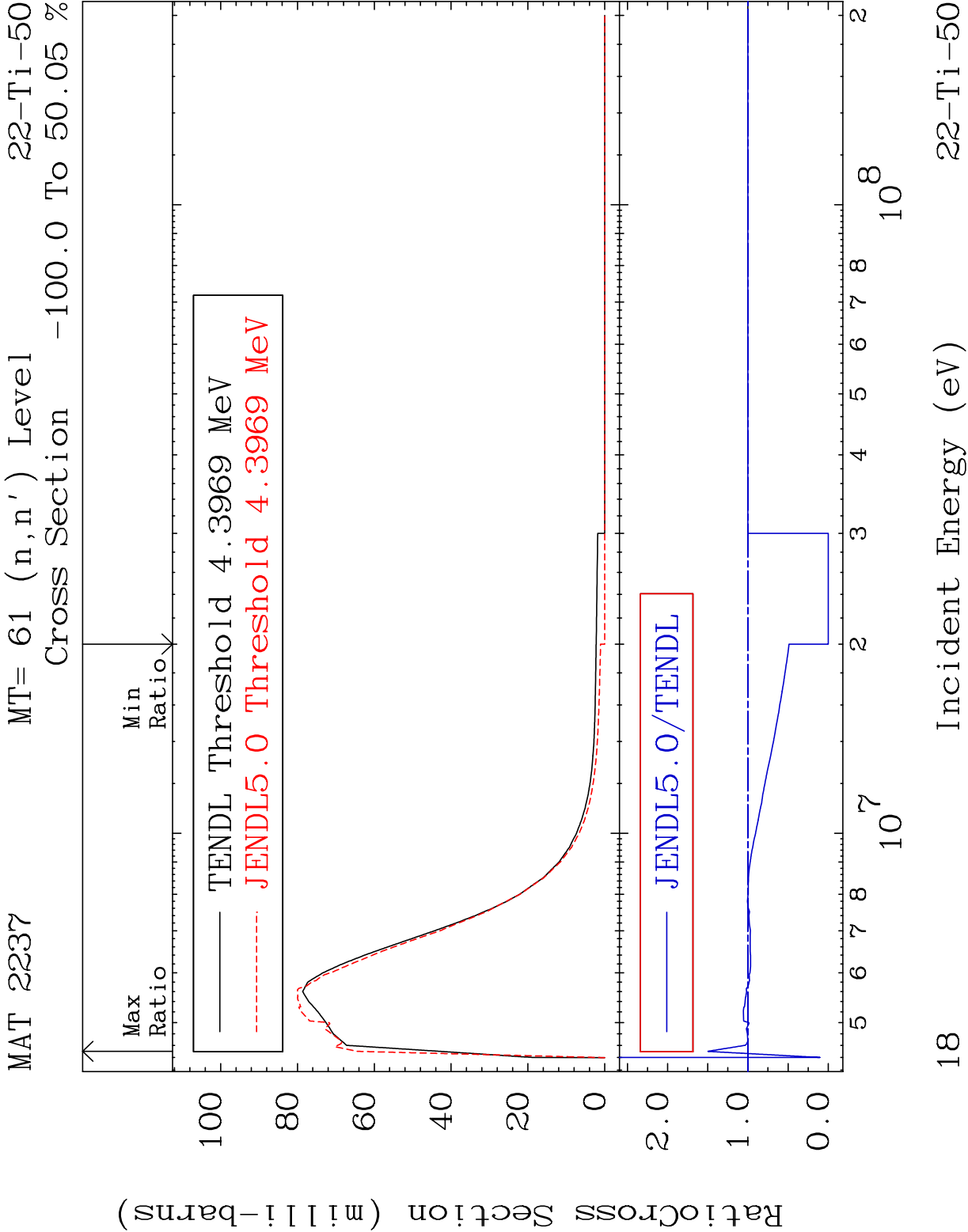
14 Incident Energy (eV) 22-Ti-50

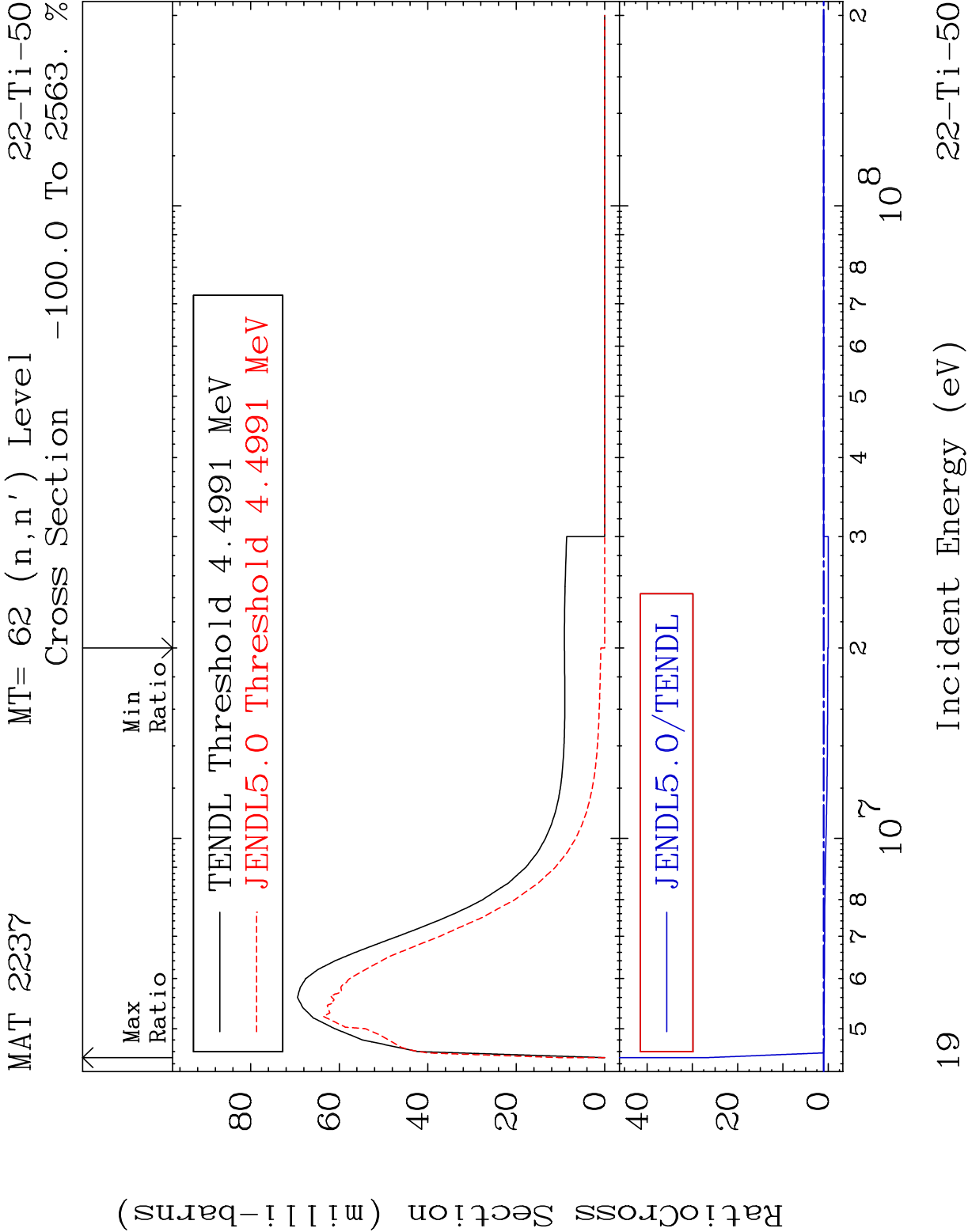


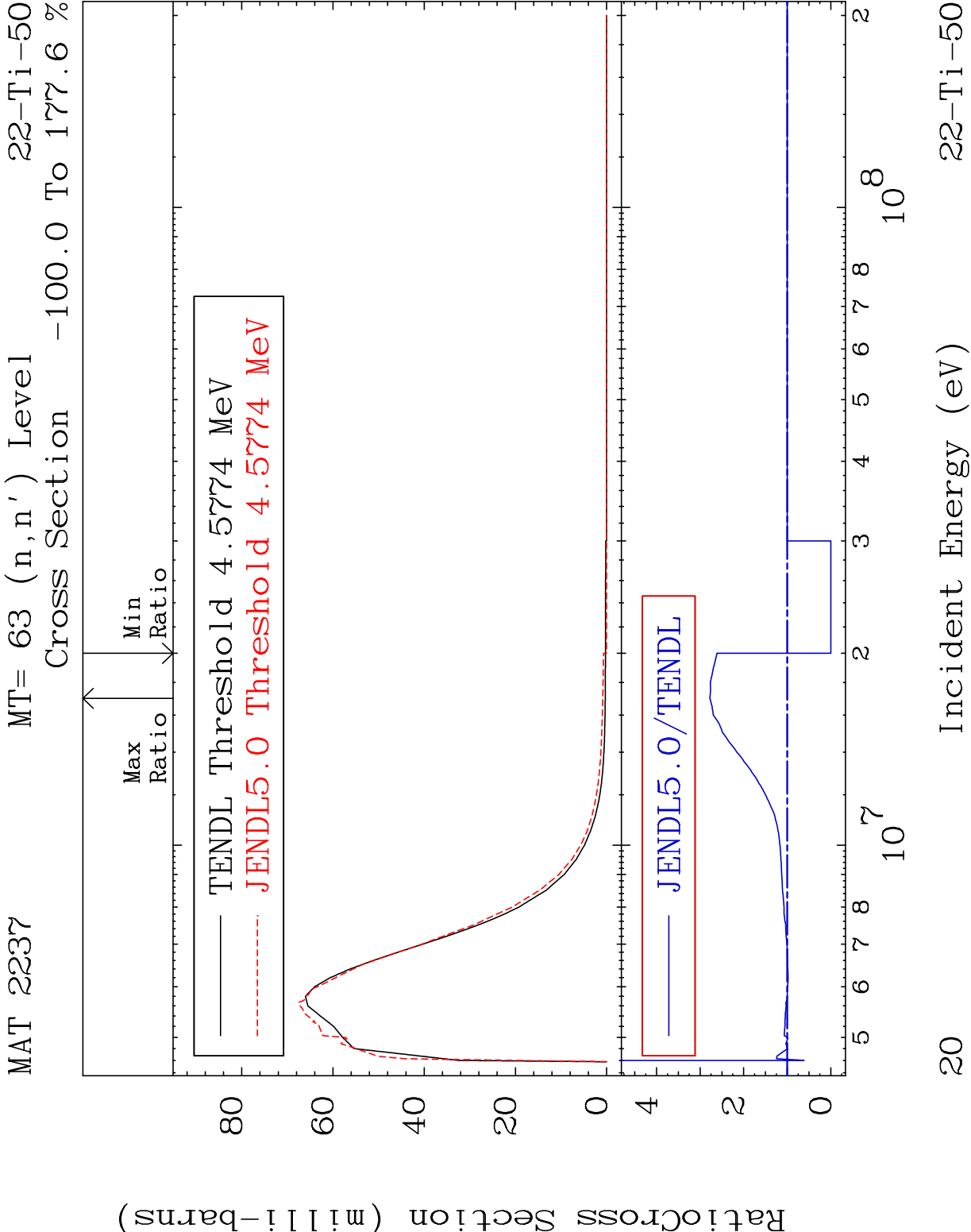


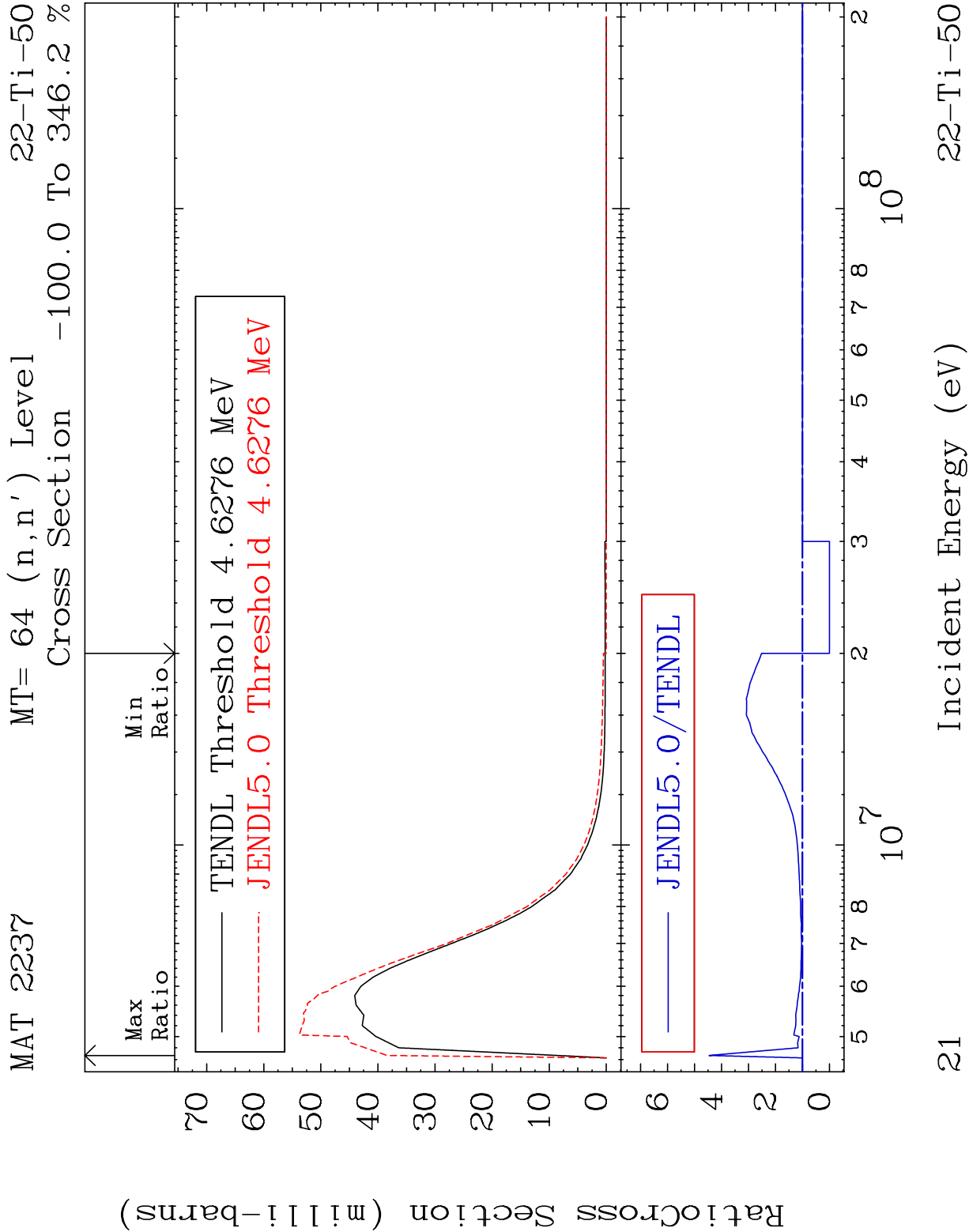
MAT 2237 MT= 60 (n,n') Level 22-Ti-50
Cross Section -100.0 To 31.56 %

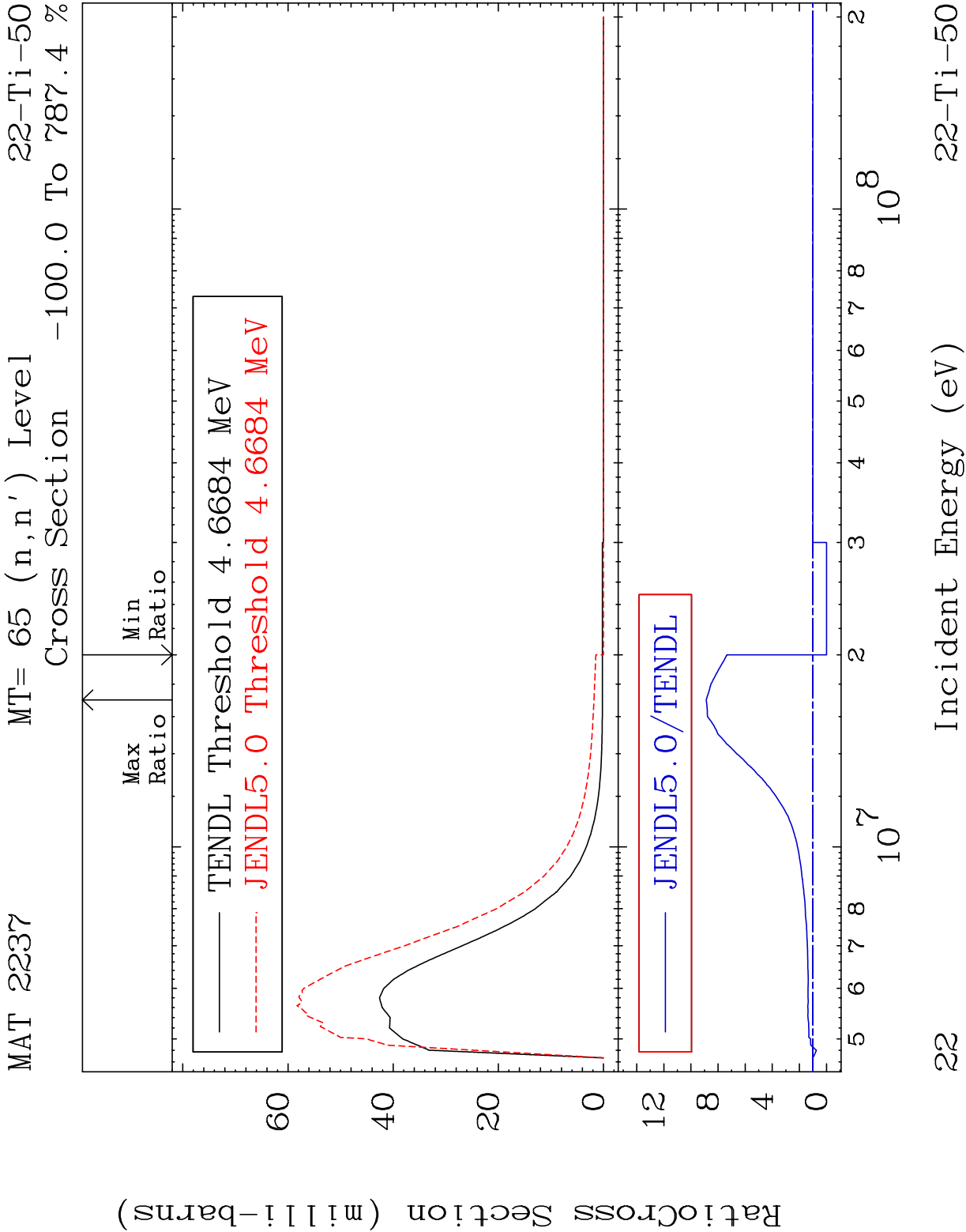


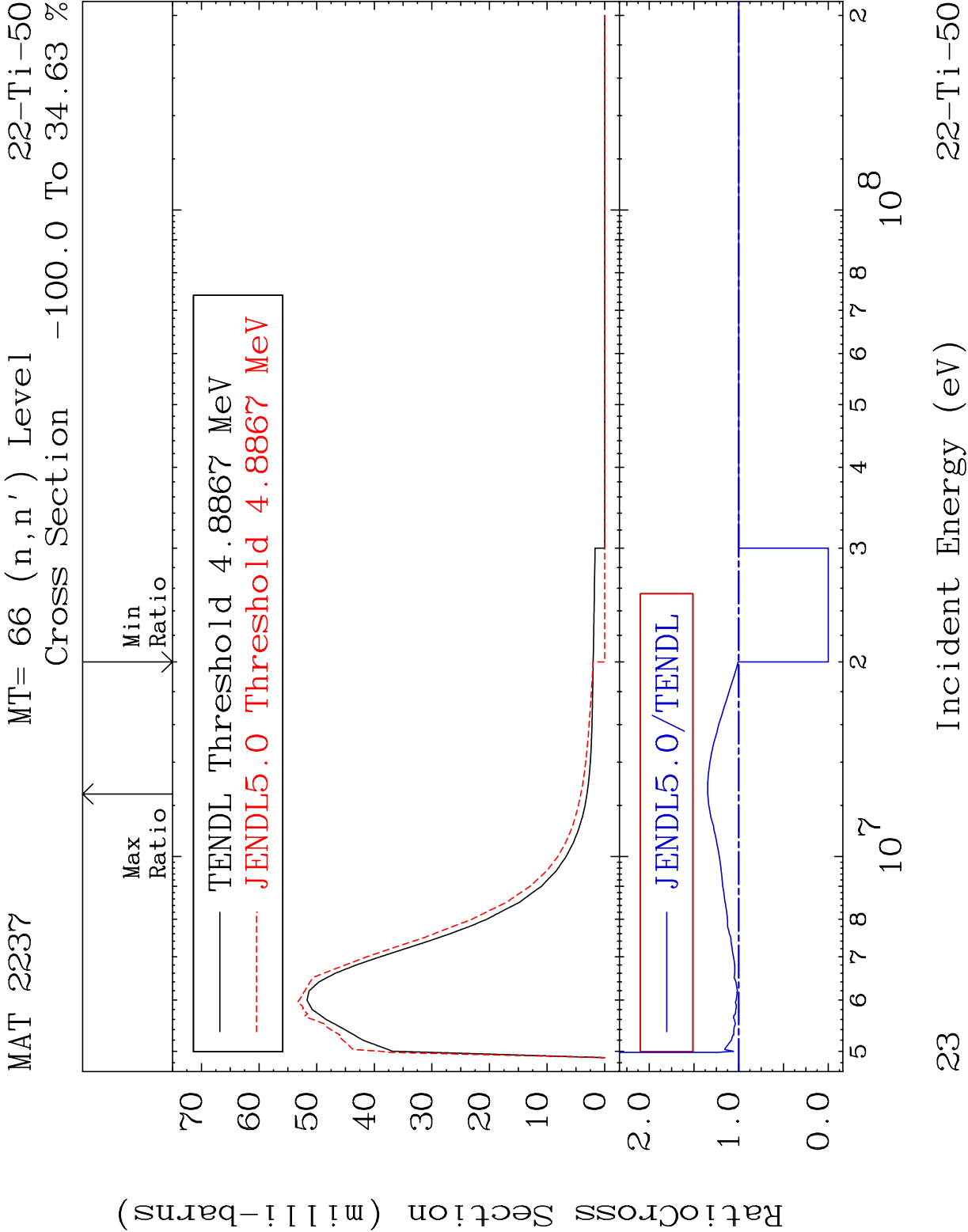


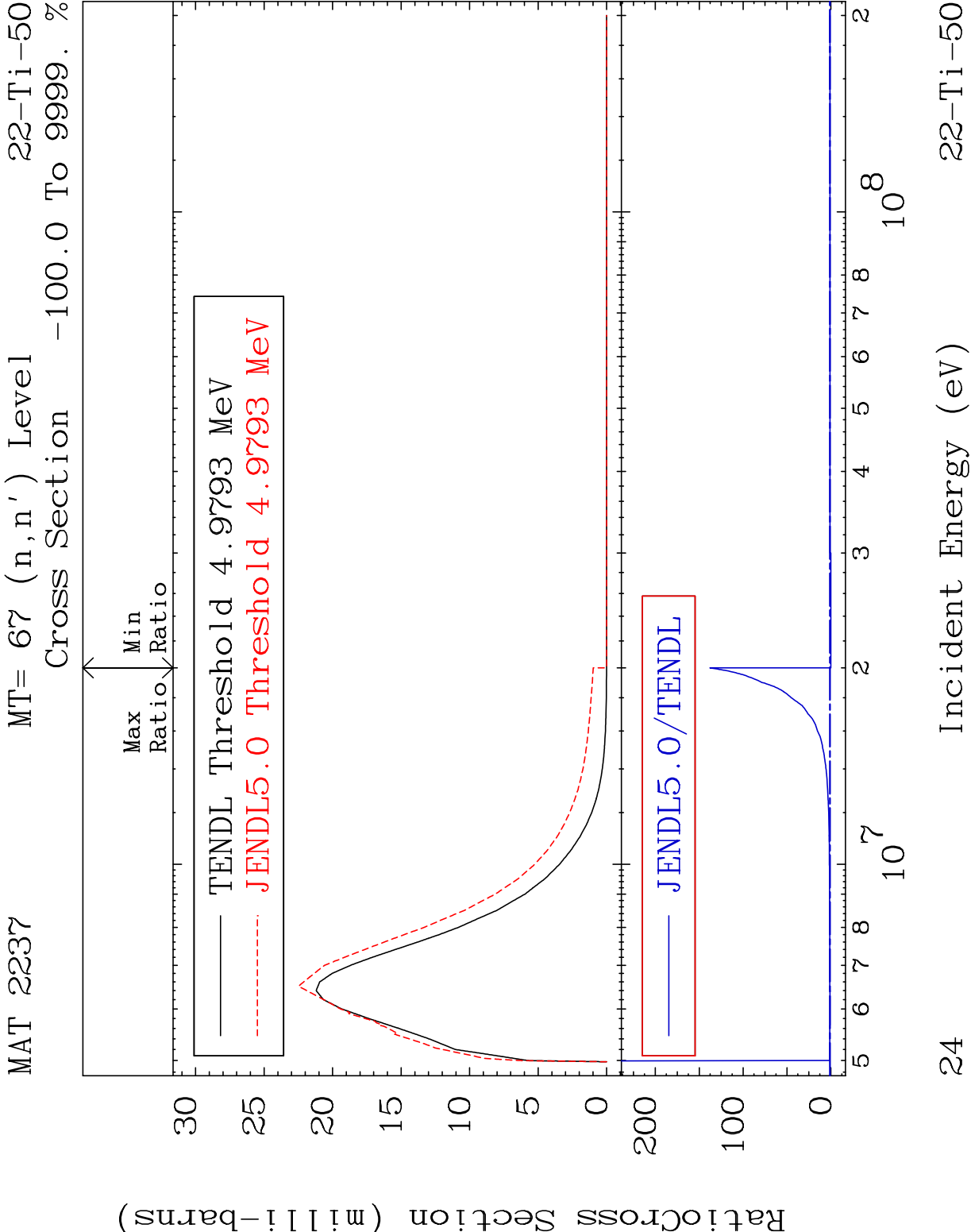


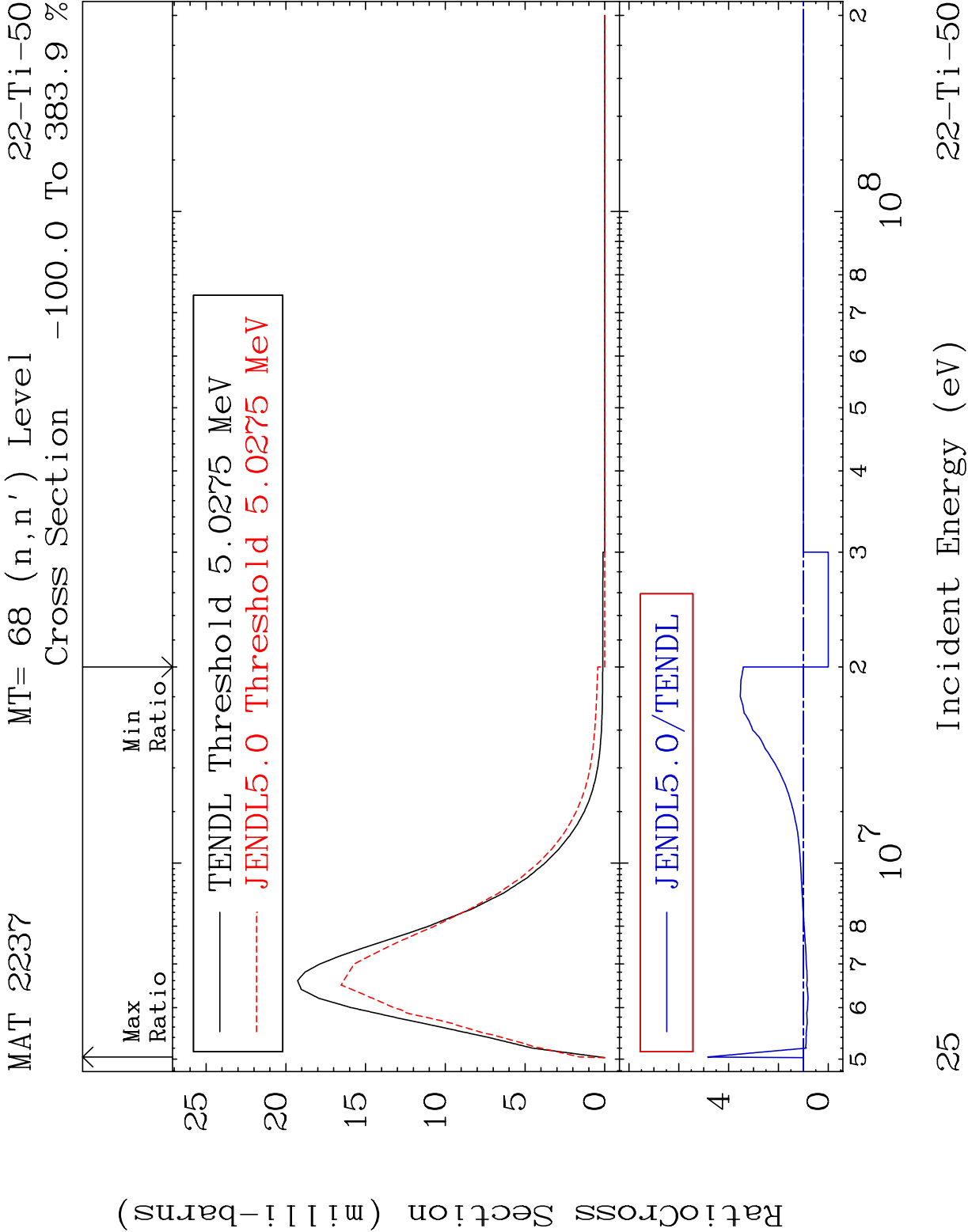




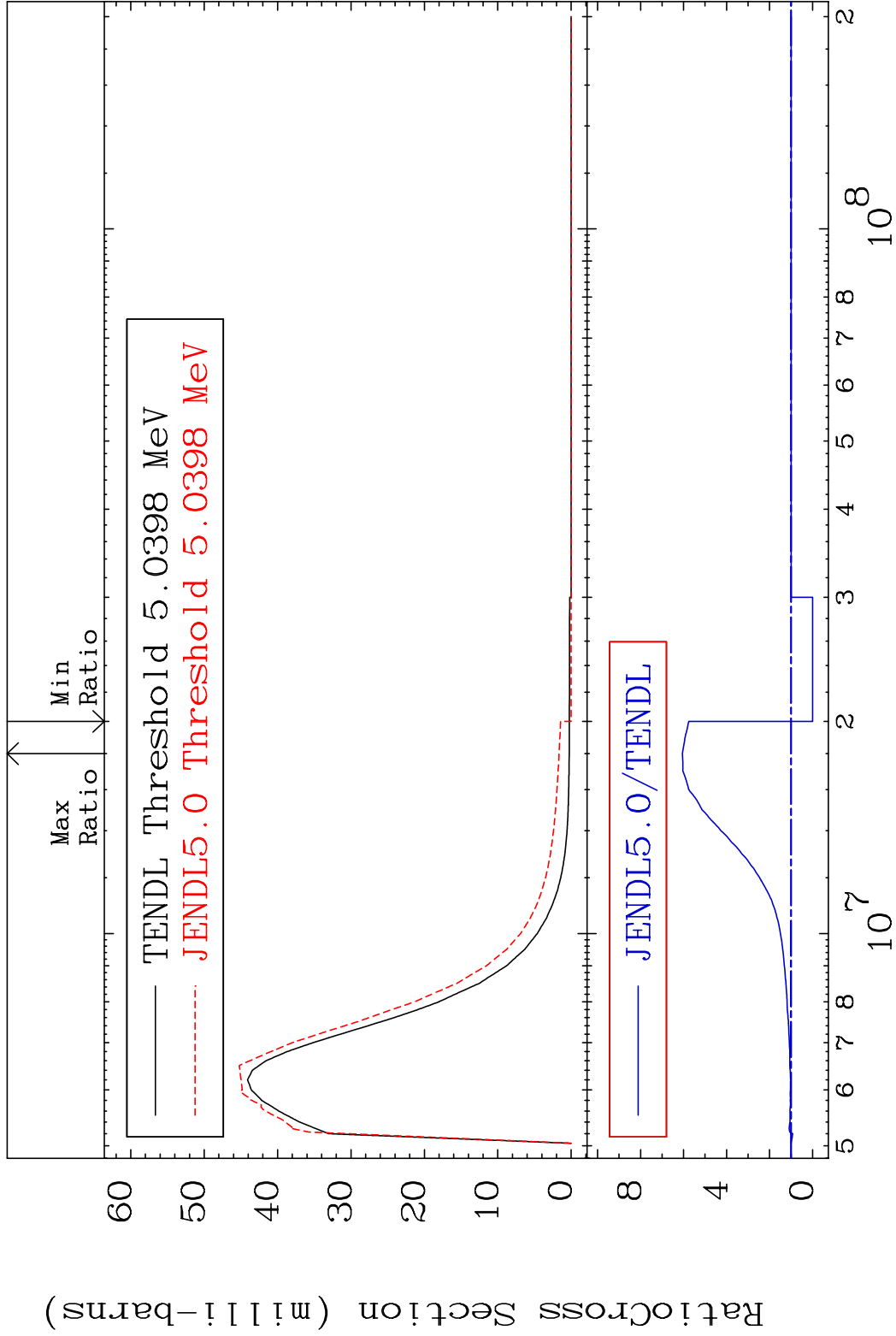




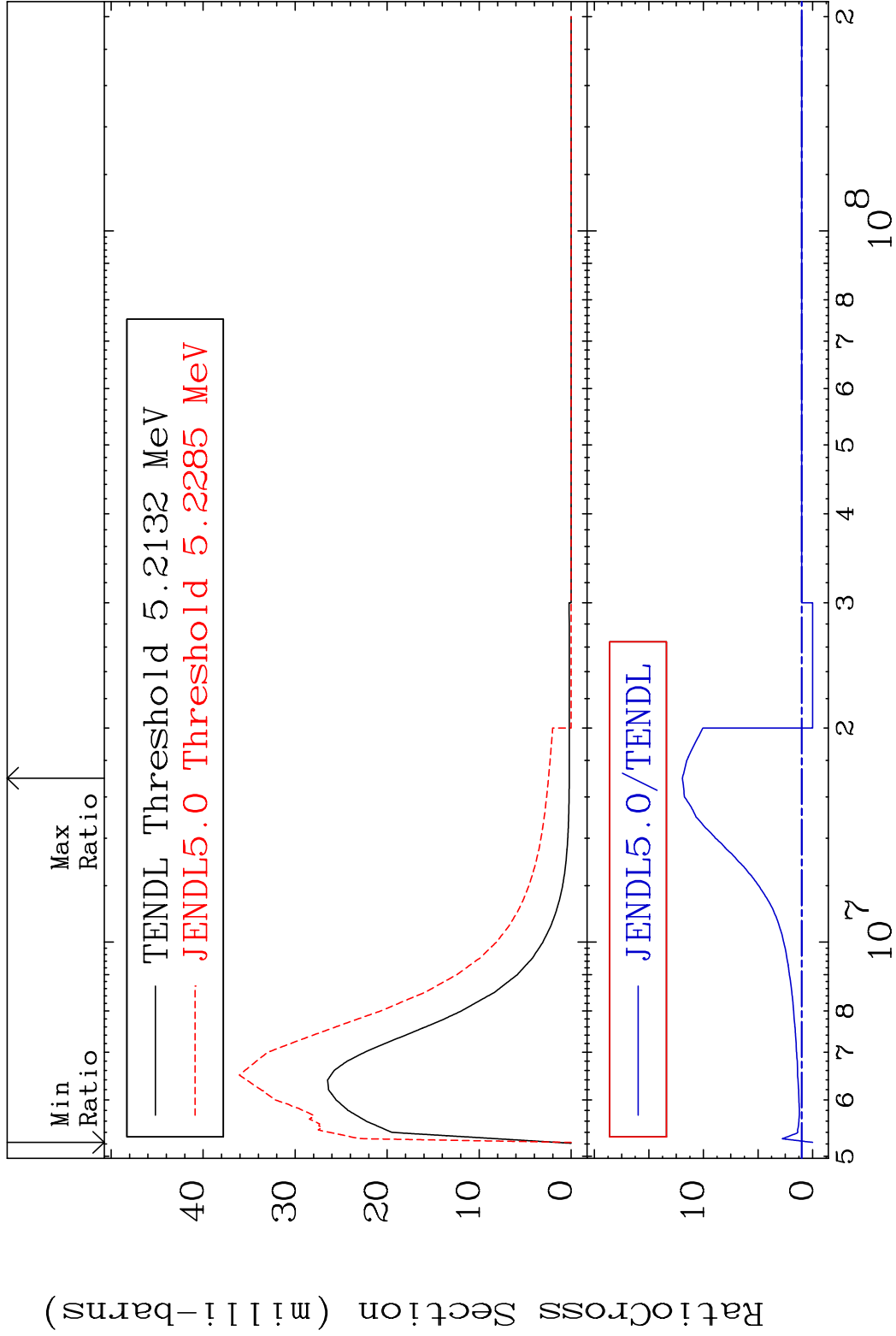




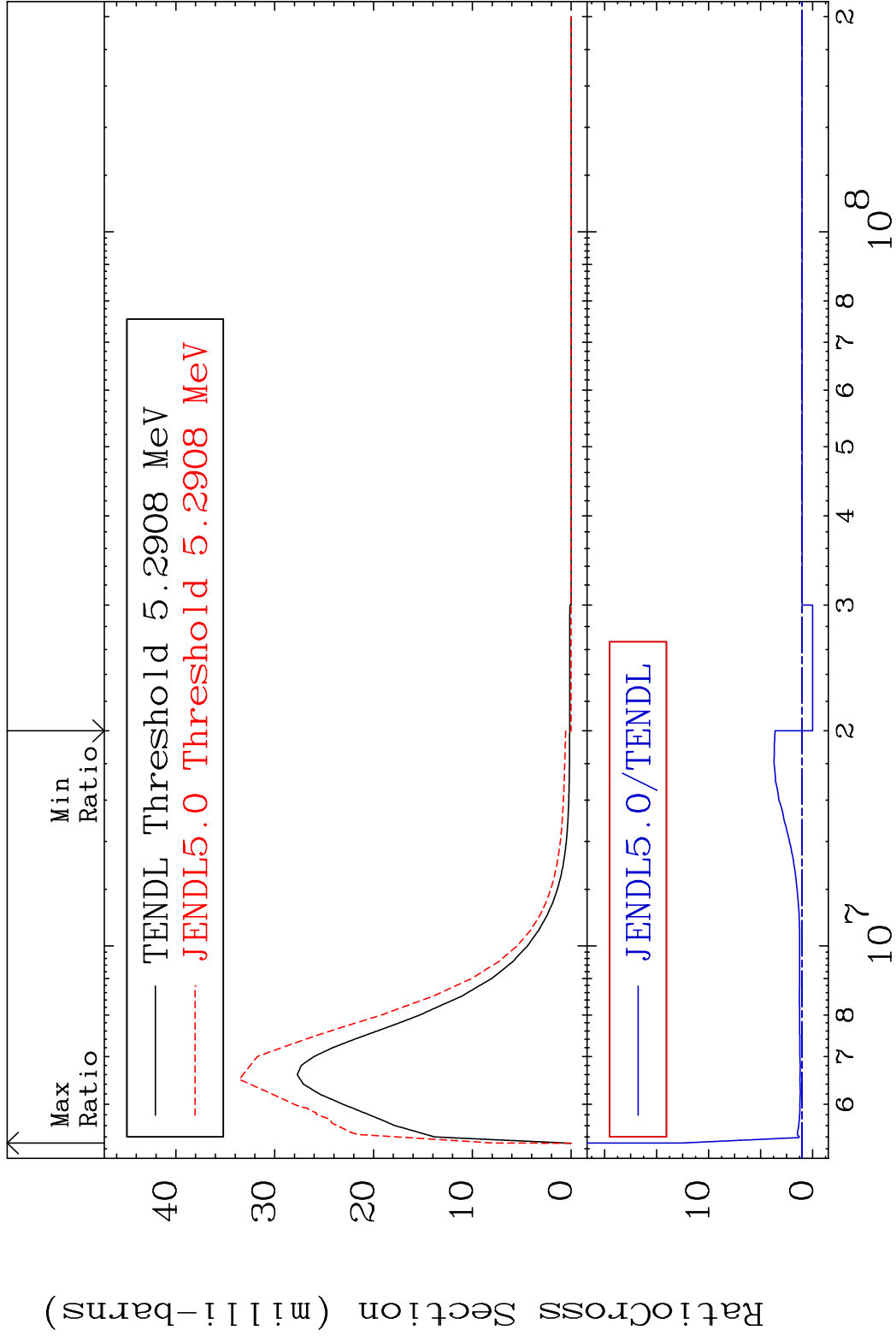
MAT 2237 MT= 69 (n,n') Level 22-Ti-50
Cross Section -100.0 To 505.6 %



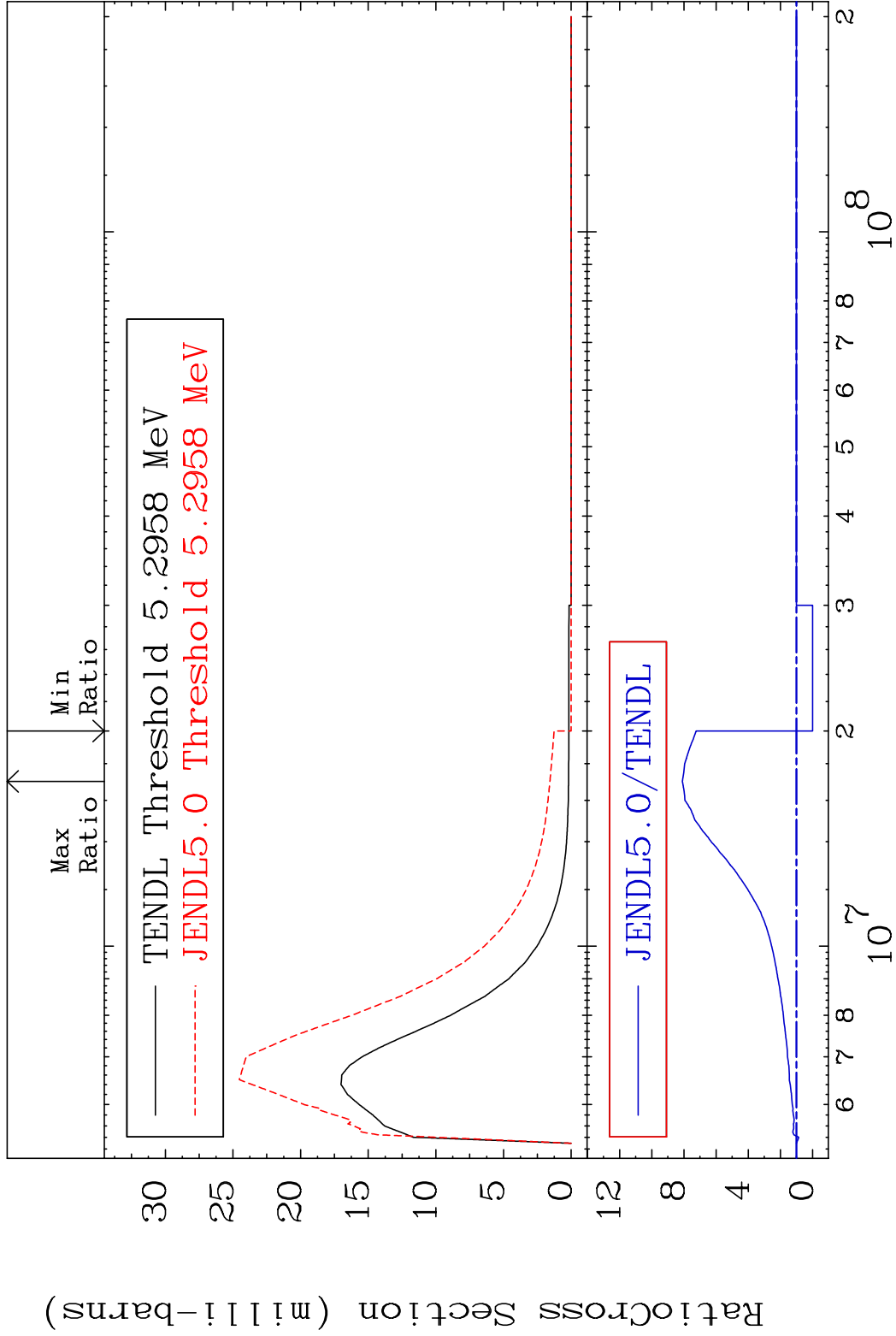
MAT 2237 MT= 70 (n,n') Level 22-Ti-50
Cross Section -100.0 To 1094. %

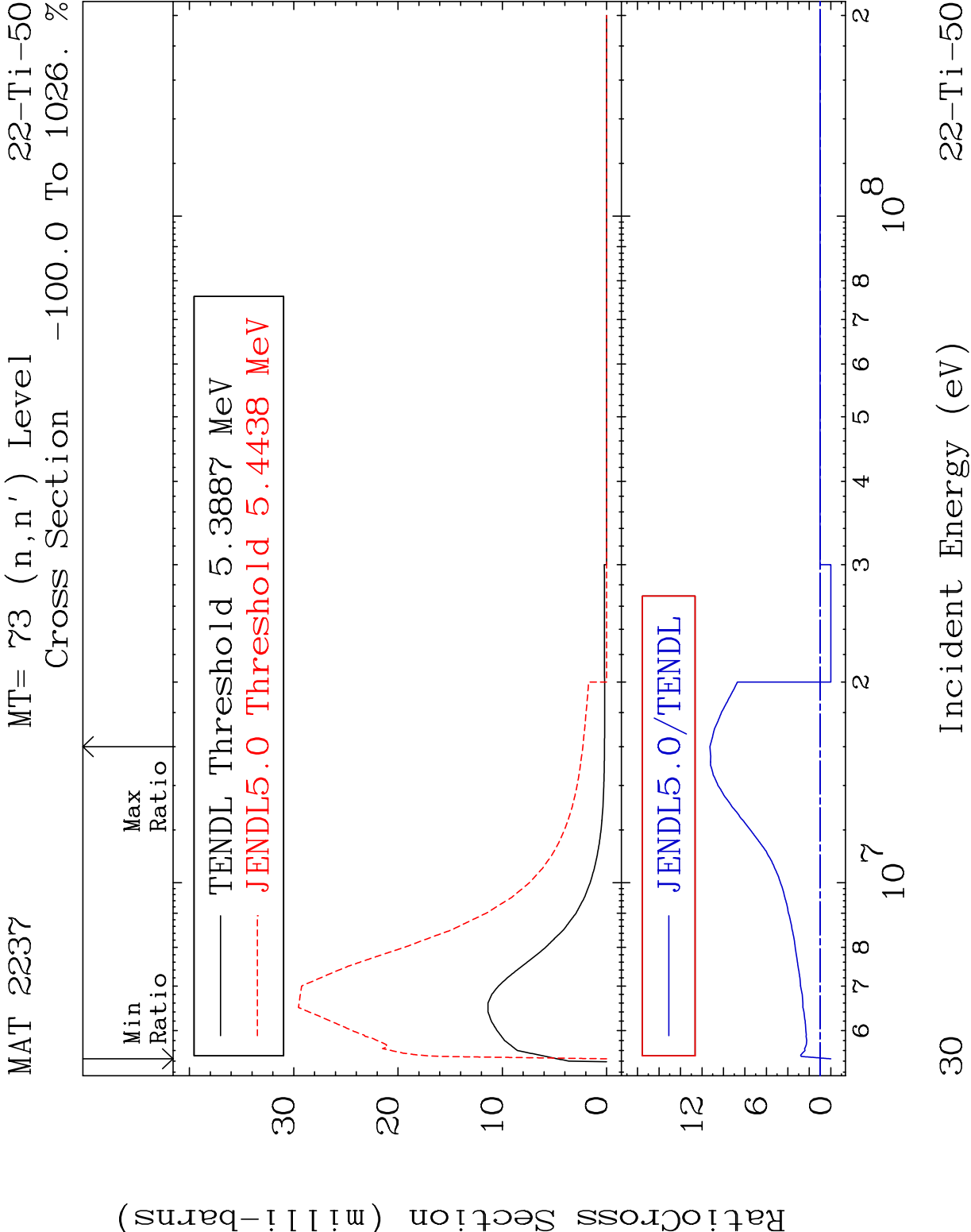


MAT 2237 MT= 71 (n,n') Level 22-Ti-50
Cross Section -100.0 To 1153. %



MAT 2237 MT= 72 (n,n') Level 22-Ti-50
Cross Section -100.0 To 709.6 %





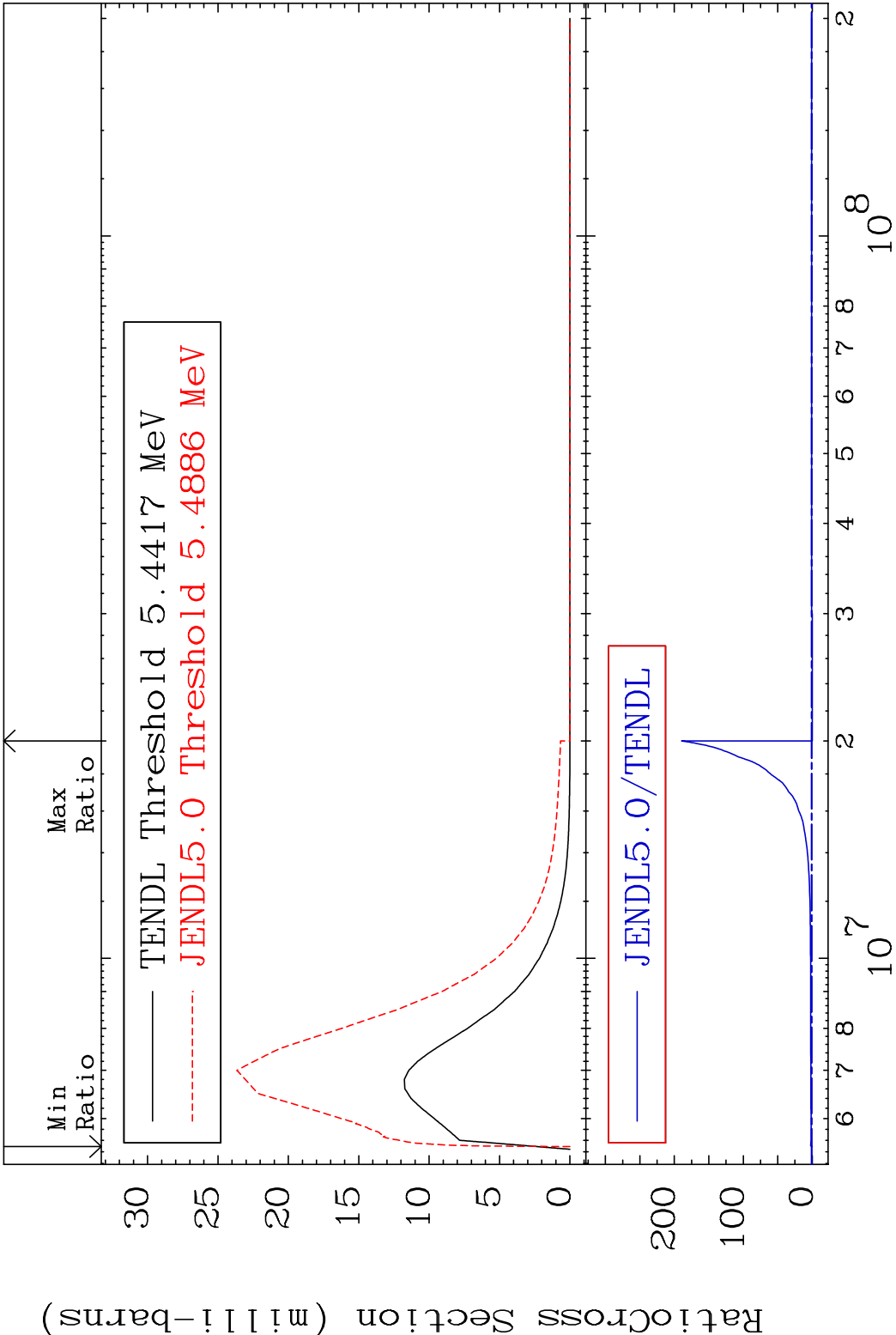
MAT 2237

MT= 74 (n,n') Level

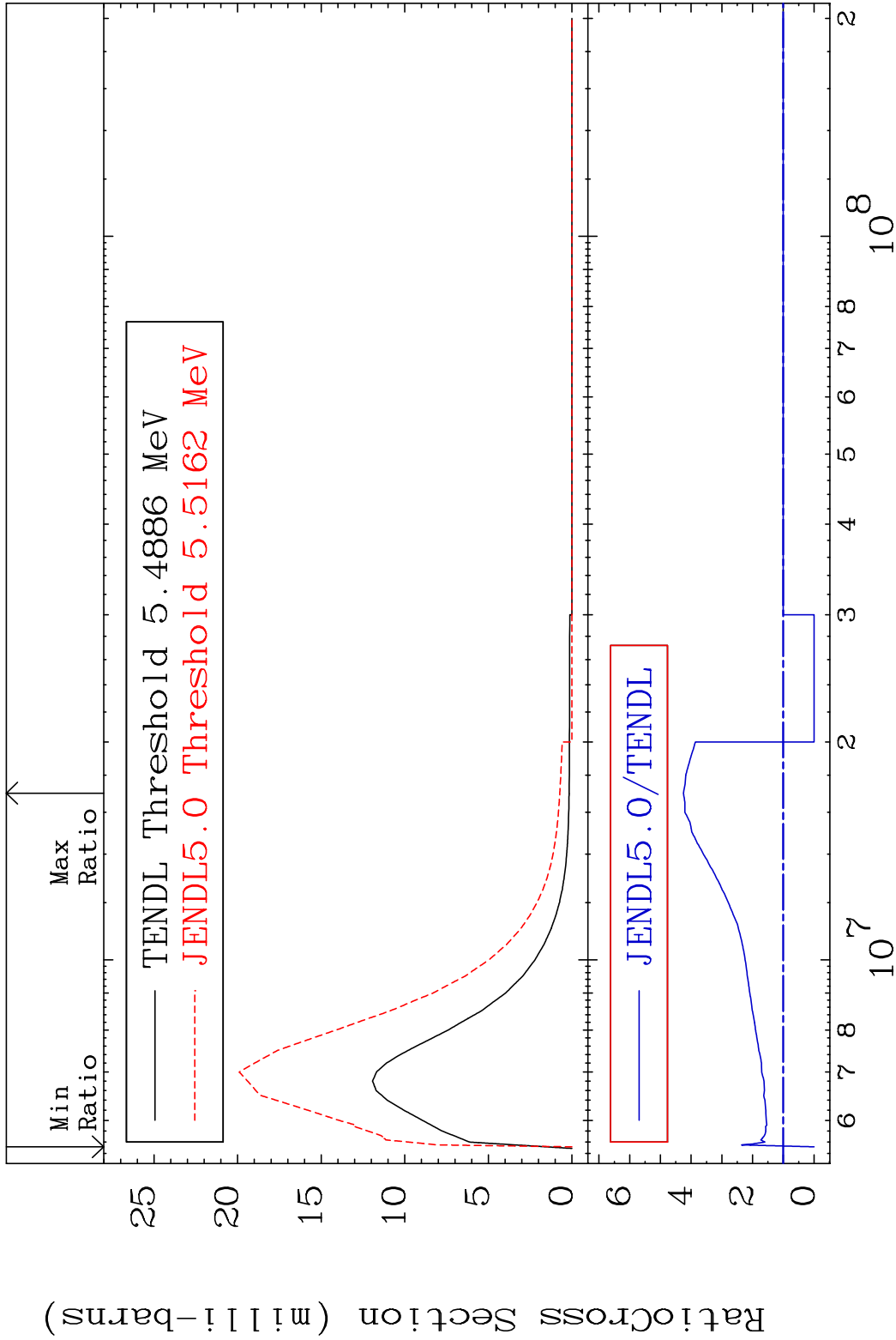
22-Ti-50

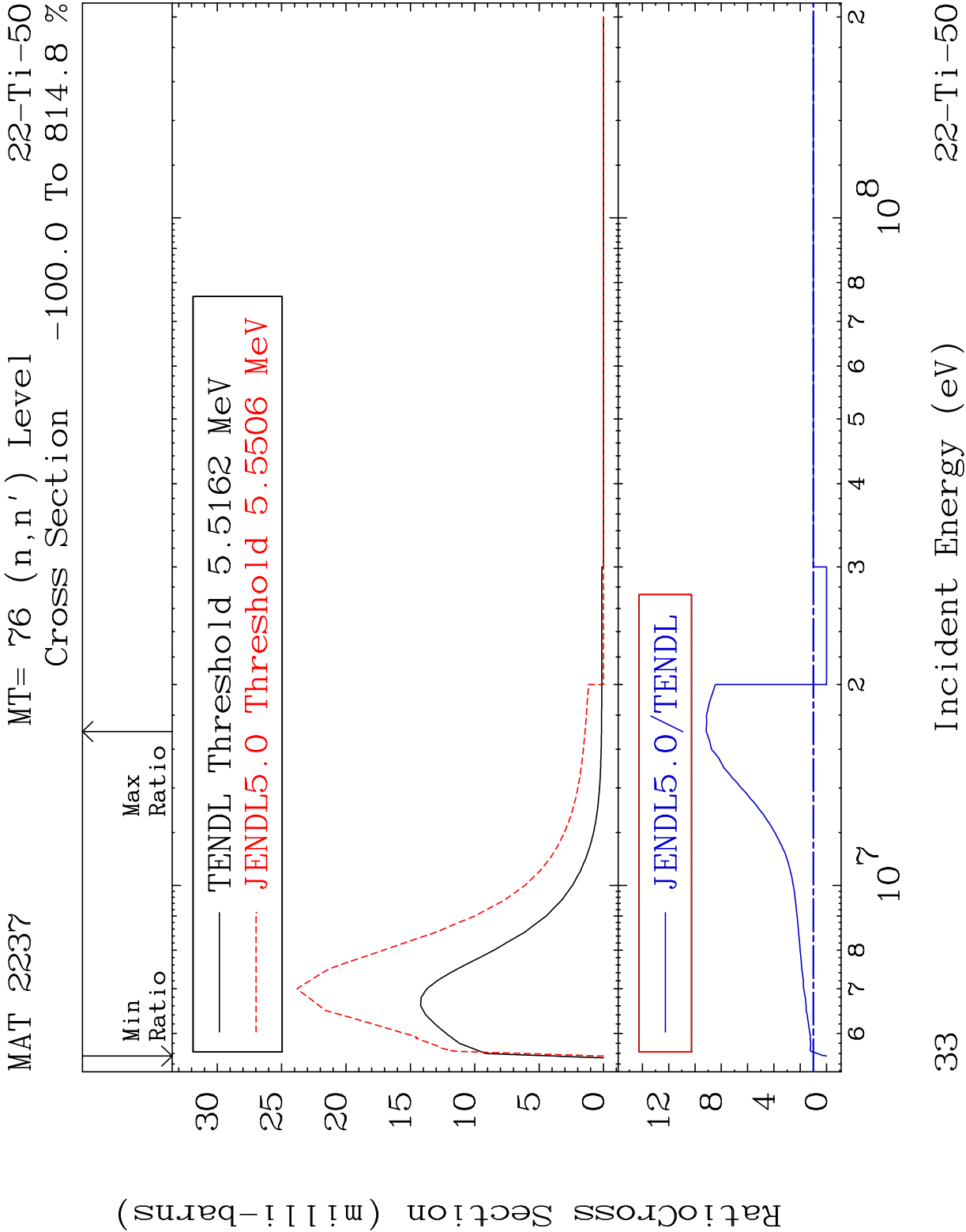
Cross Section

-100.0 To 9999. %

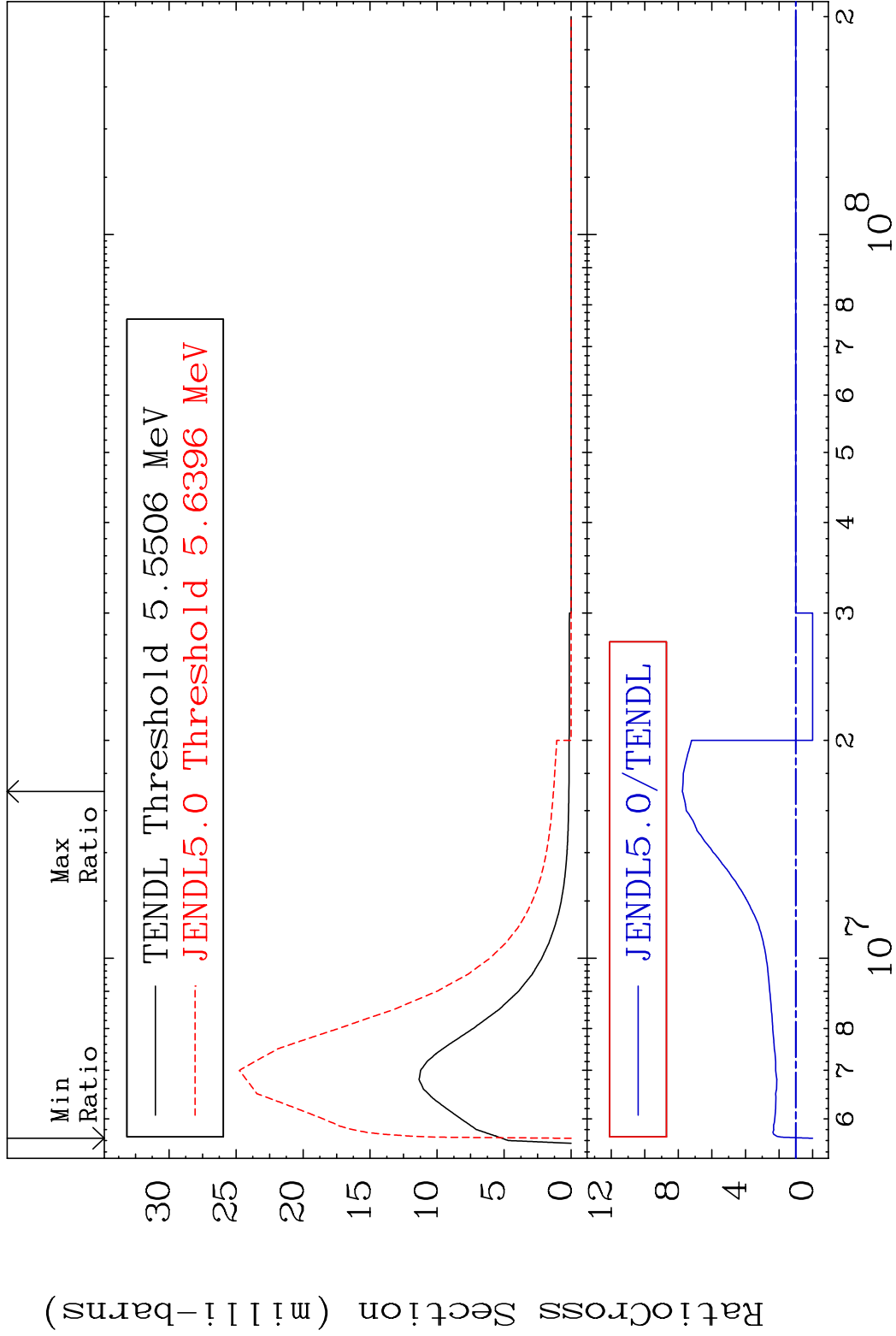


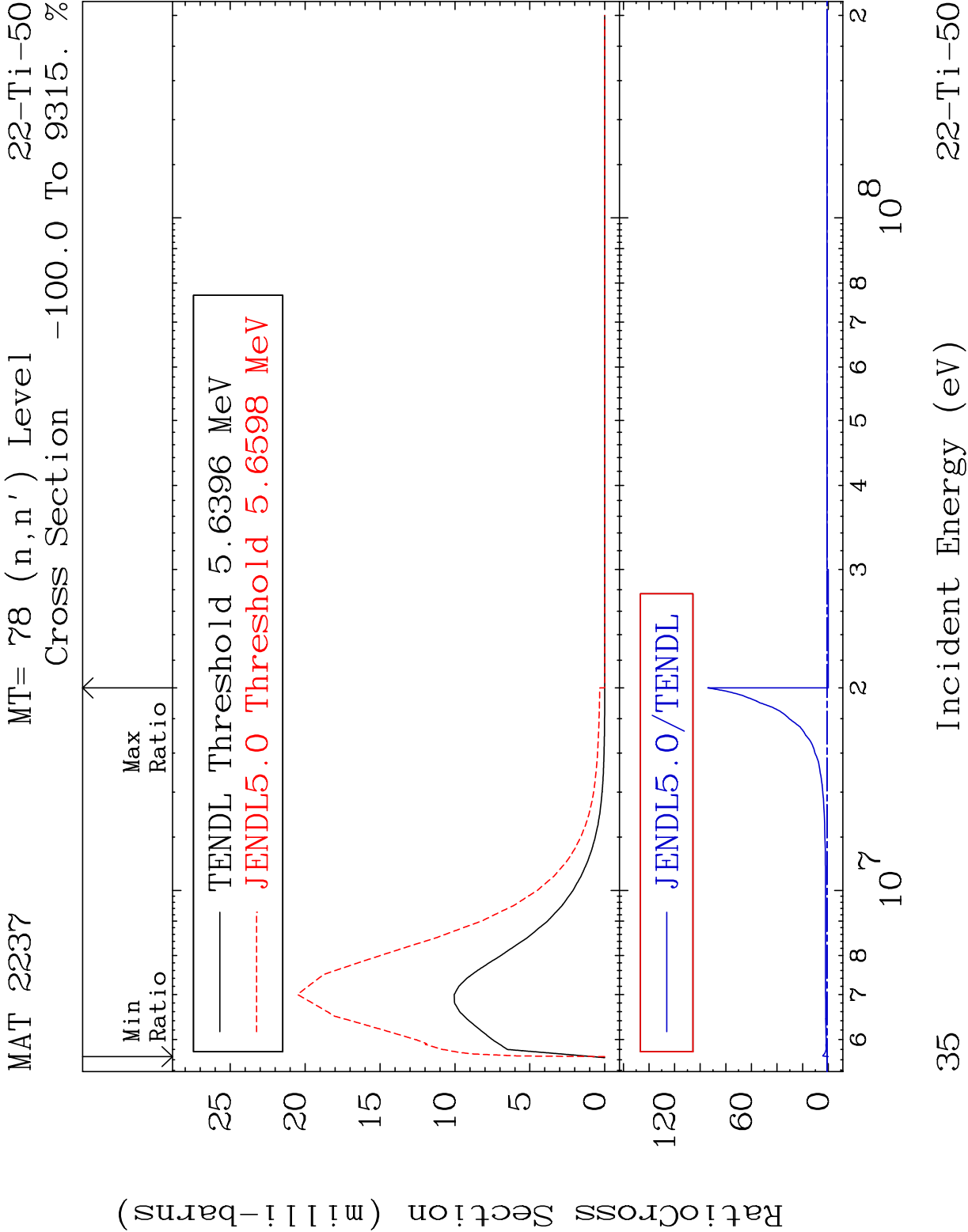
MAT 2237 MT= 75 (n,n') Level 22-Ti-50
Cross Section -100.0 To 325.0 %



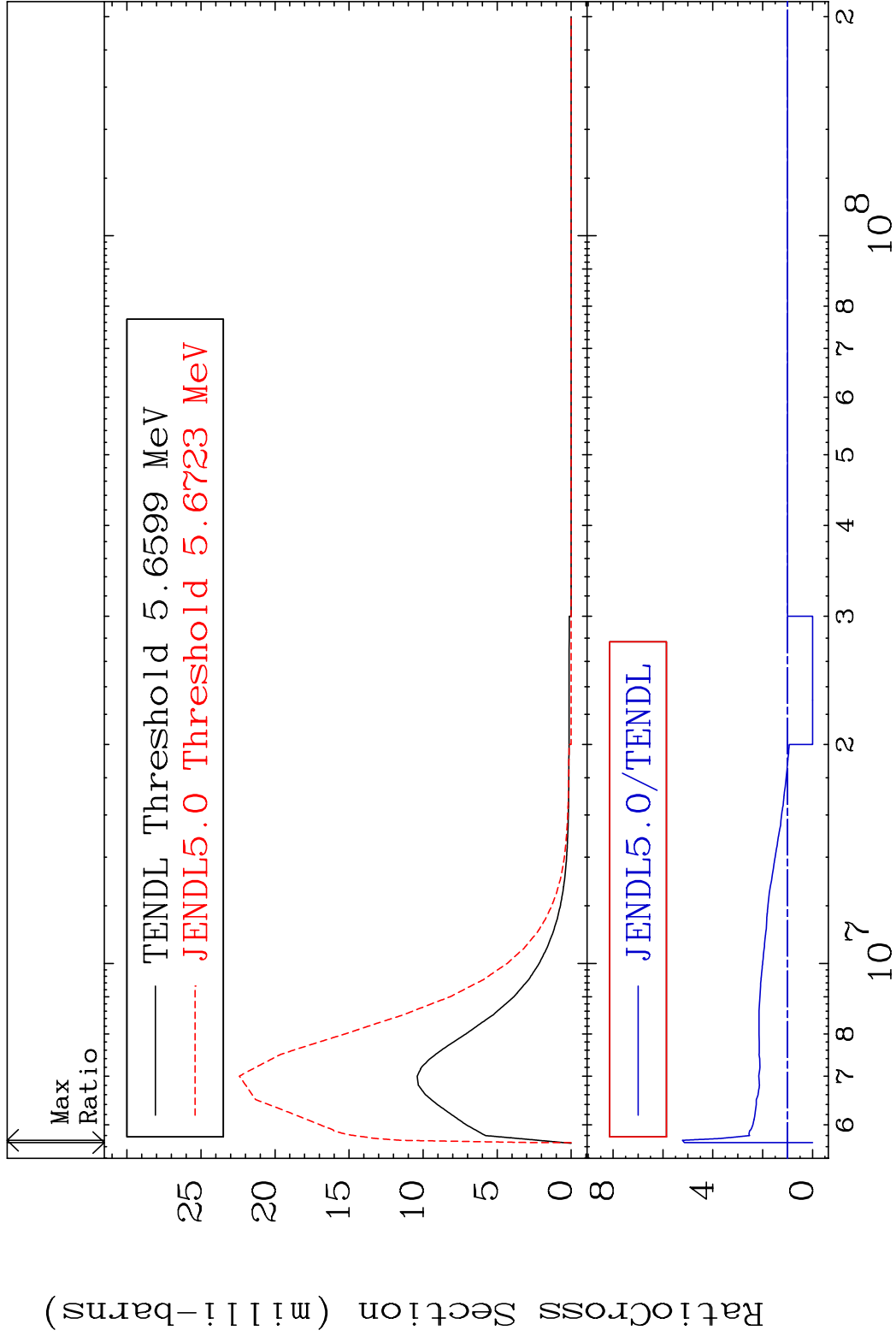


MAT 2237 MT= 77 (n,n') Level 22-Ti-50
Cross Section -100.0 To 676.3 %

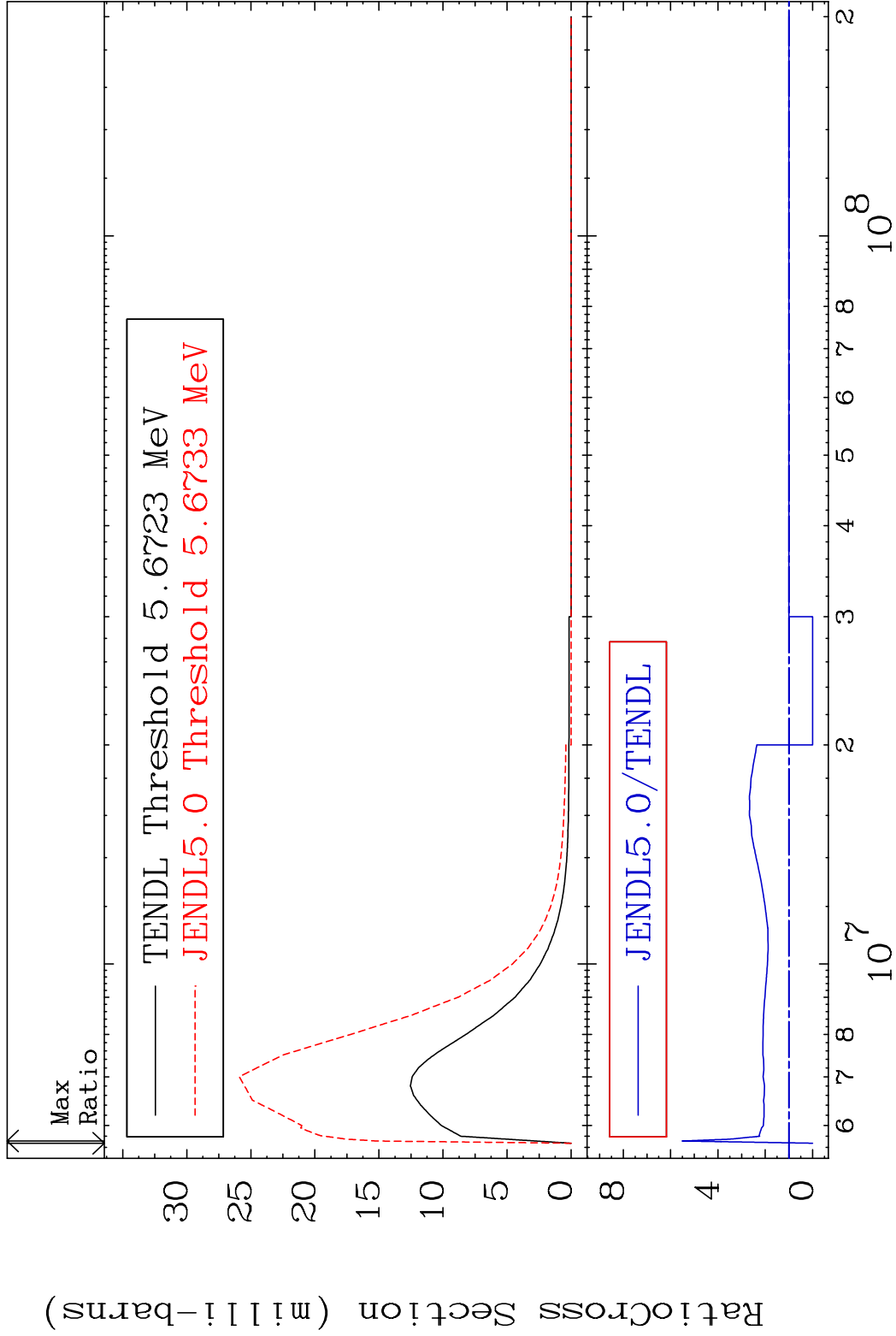


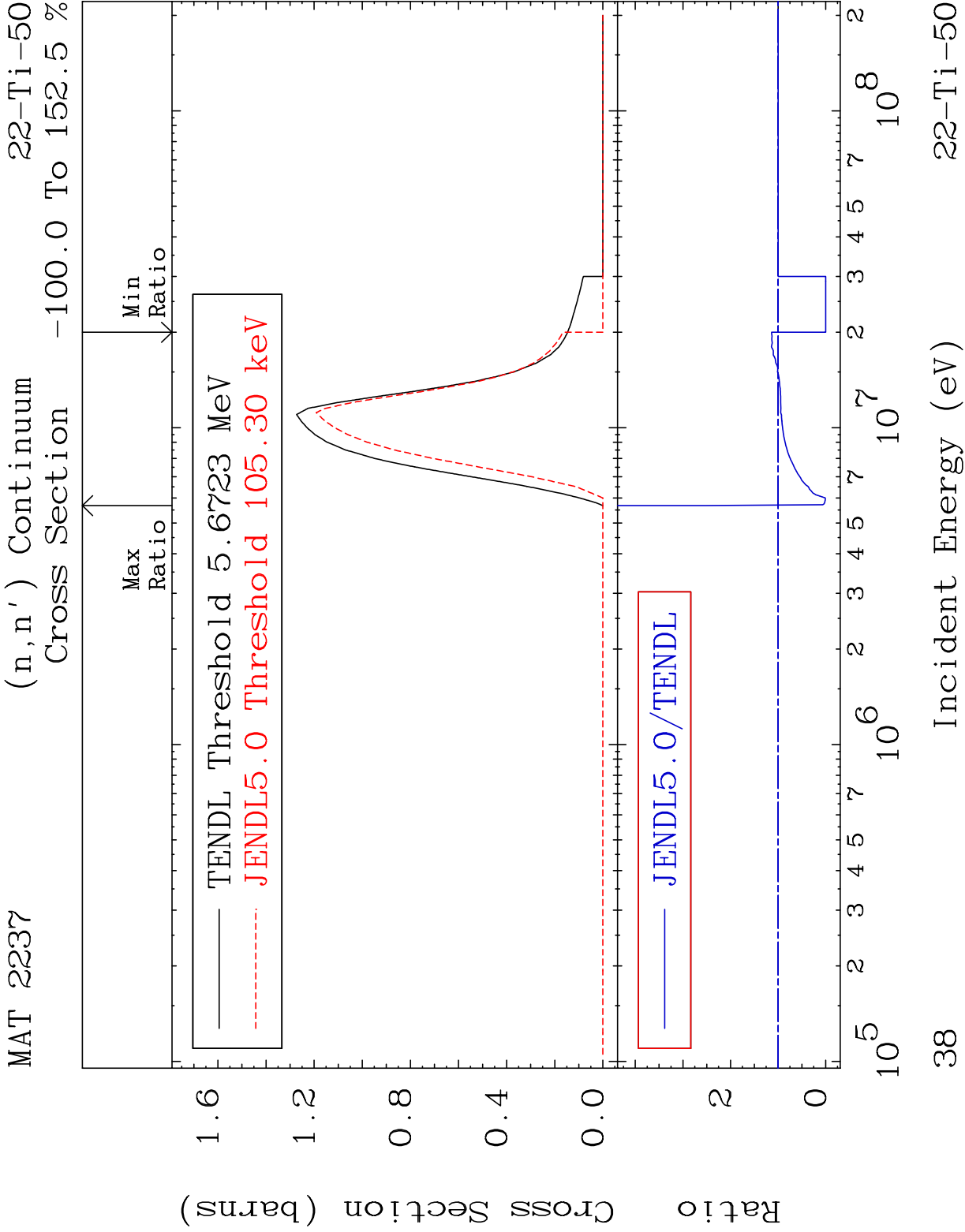


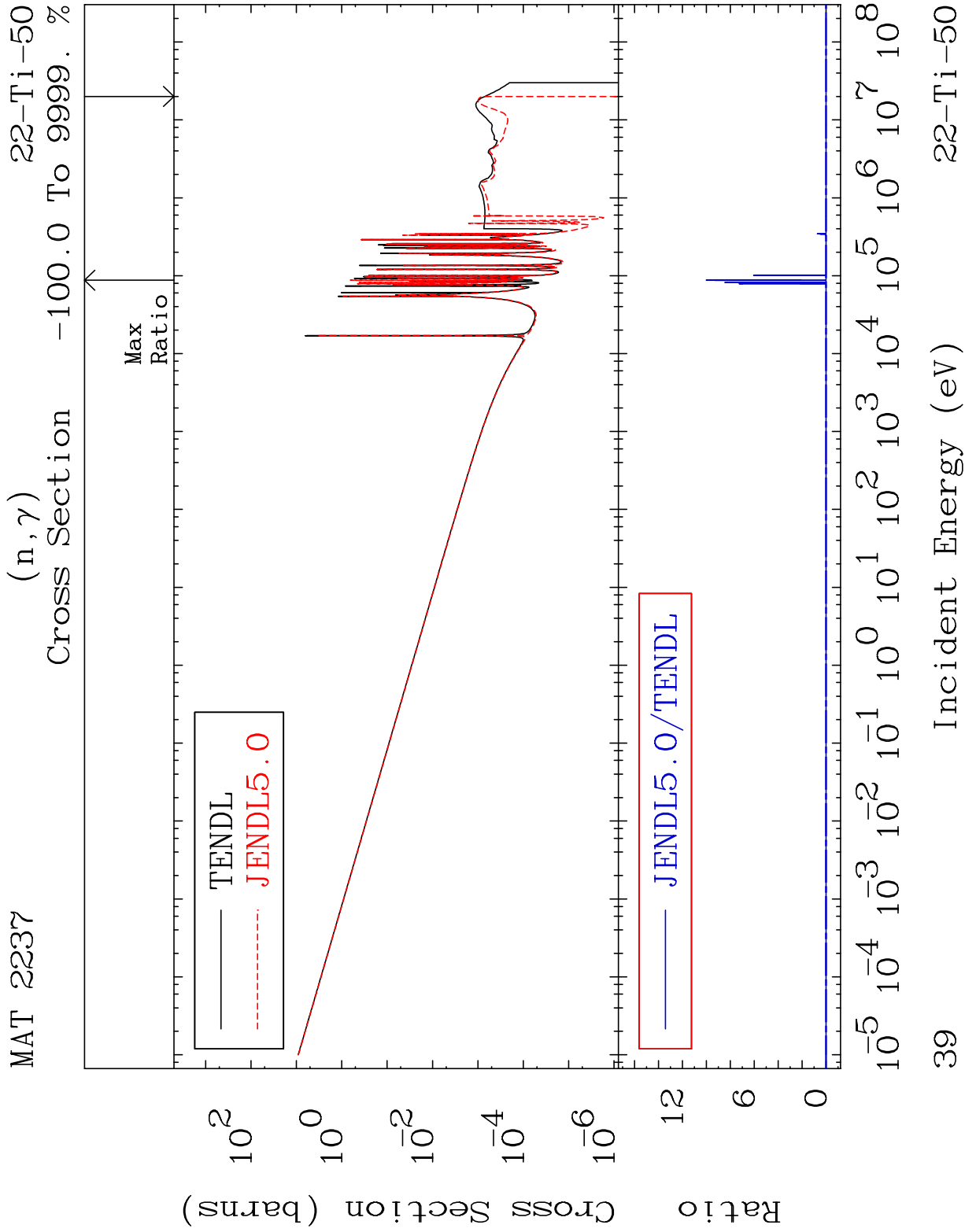
MAT 2237 MT= 79 (n,n') Level 22-Ti-50
Cross Section -100.0 To 422.3 %

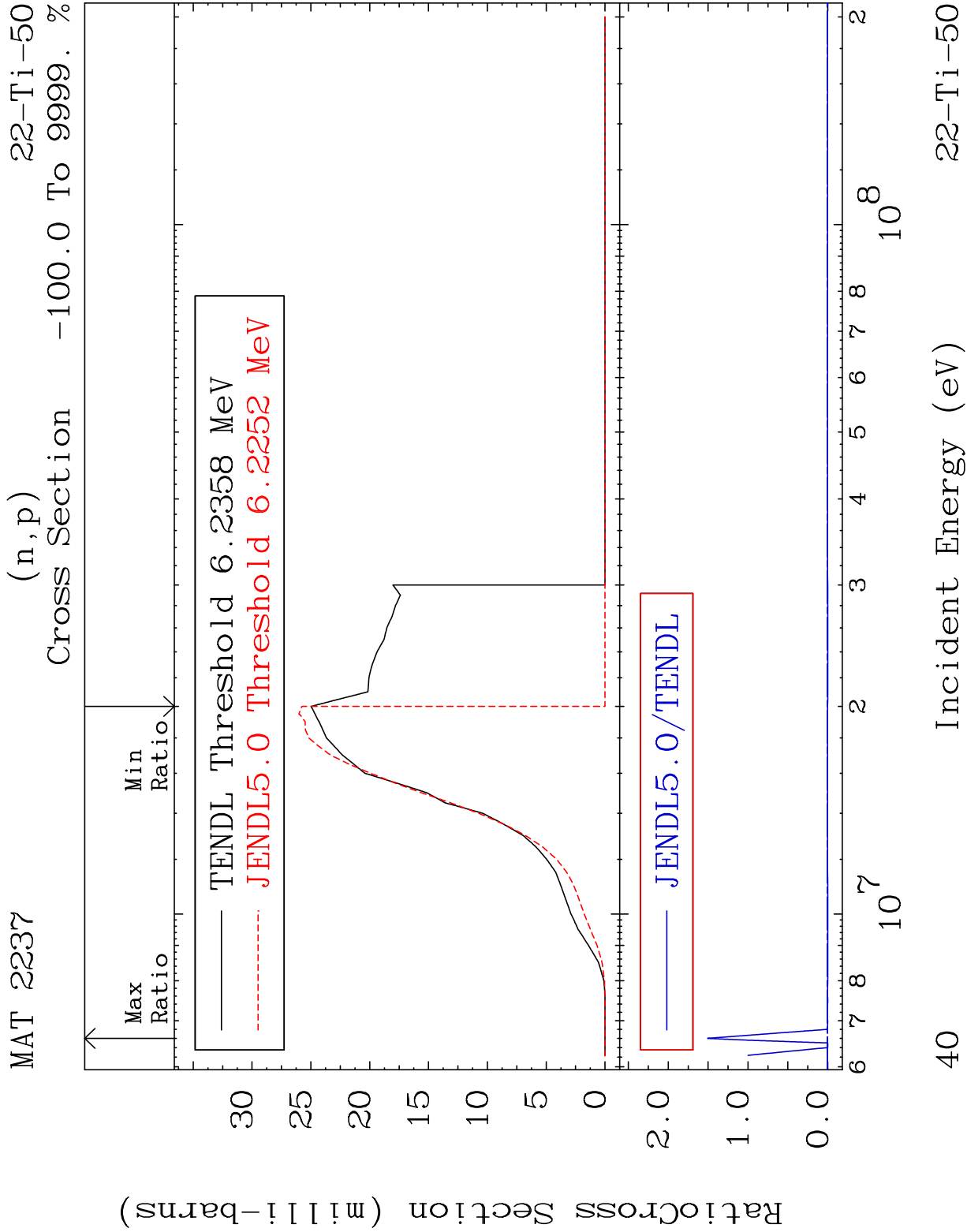


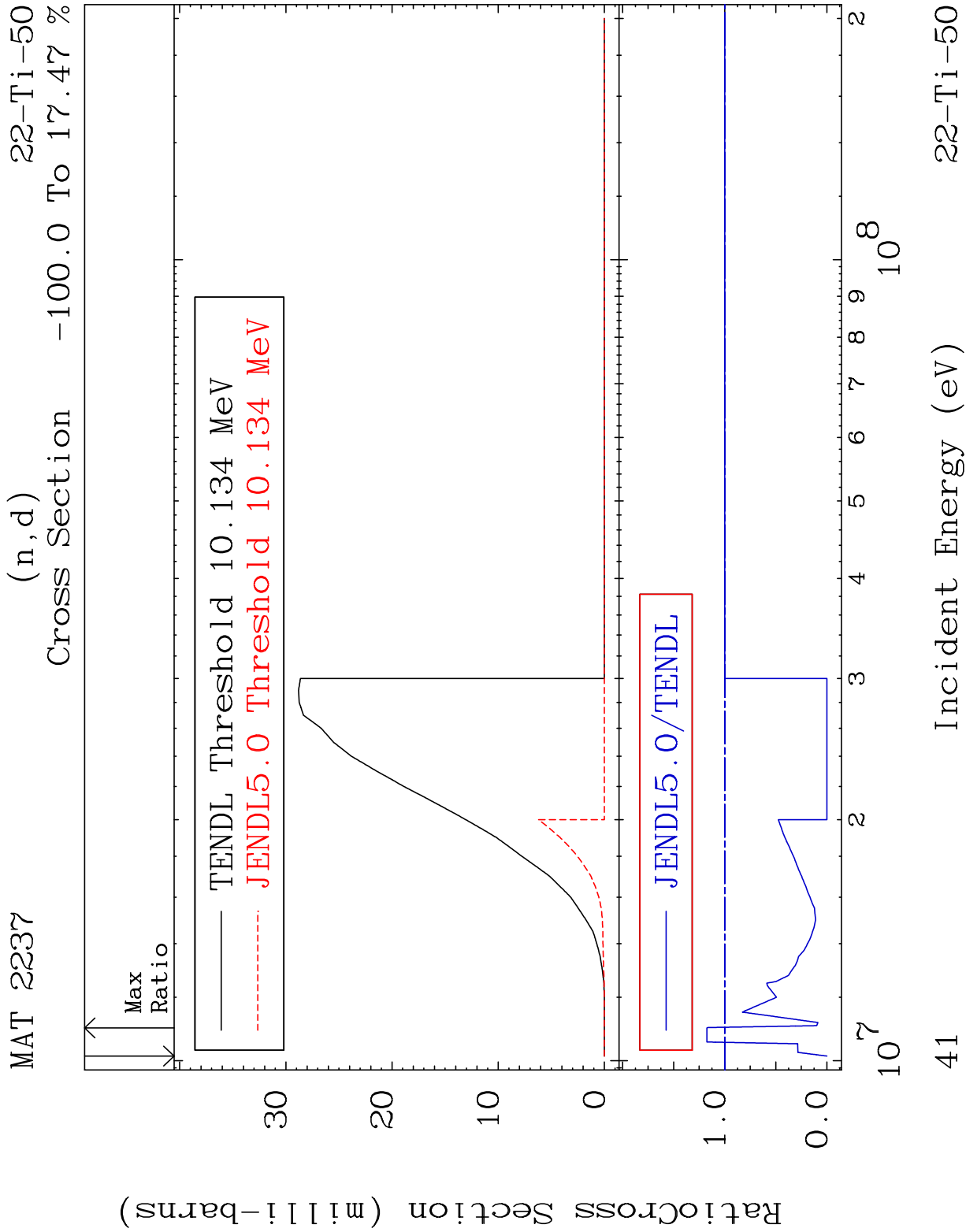
MAT 2237 MT= 80 (n,n') Level 22-Ti-50
Cross Section -100.0 To 450.3 %

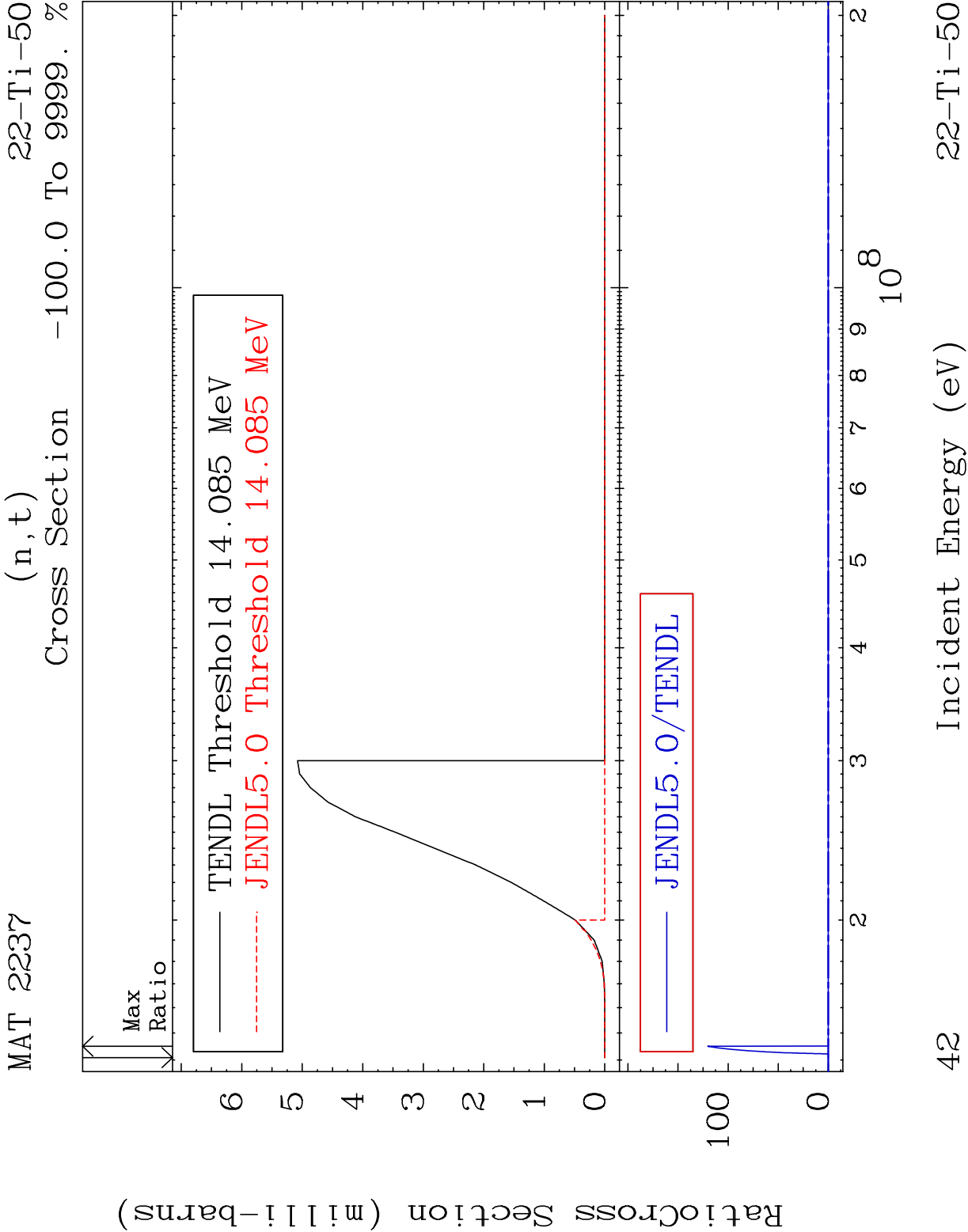


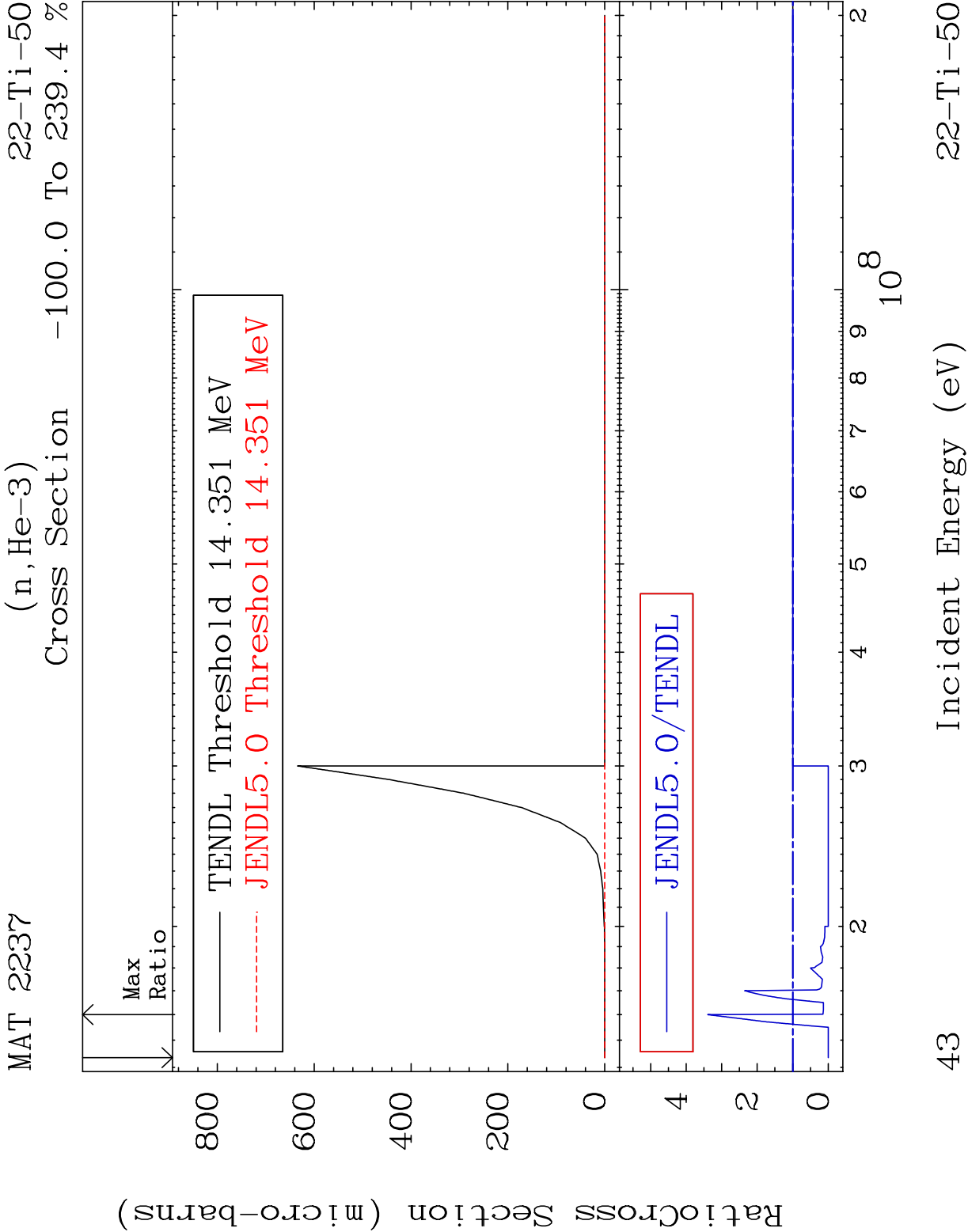


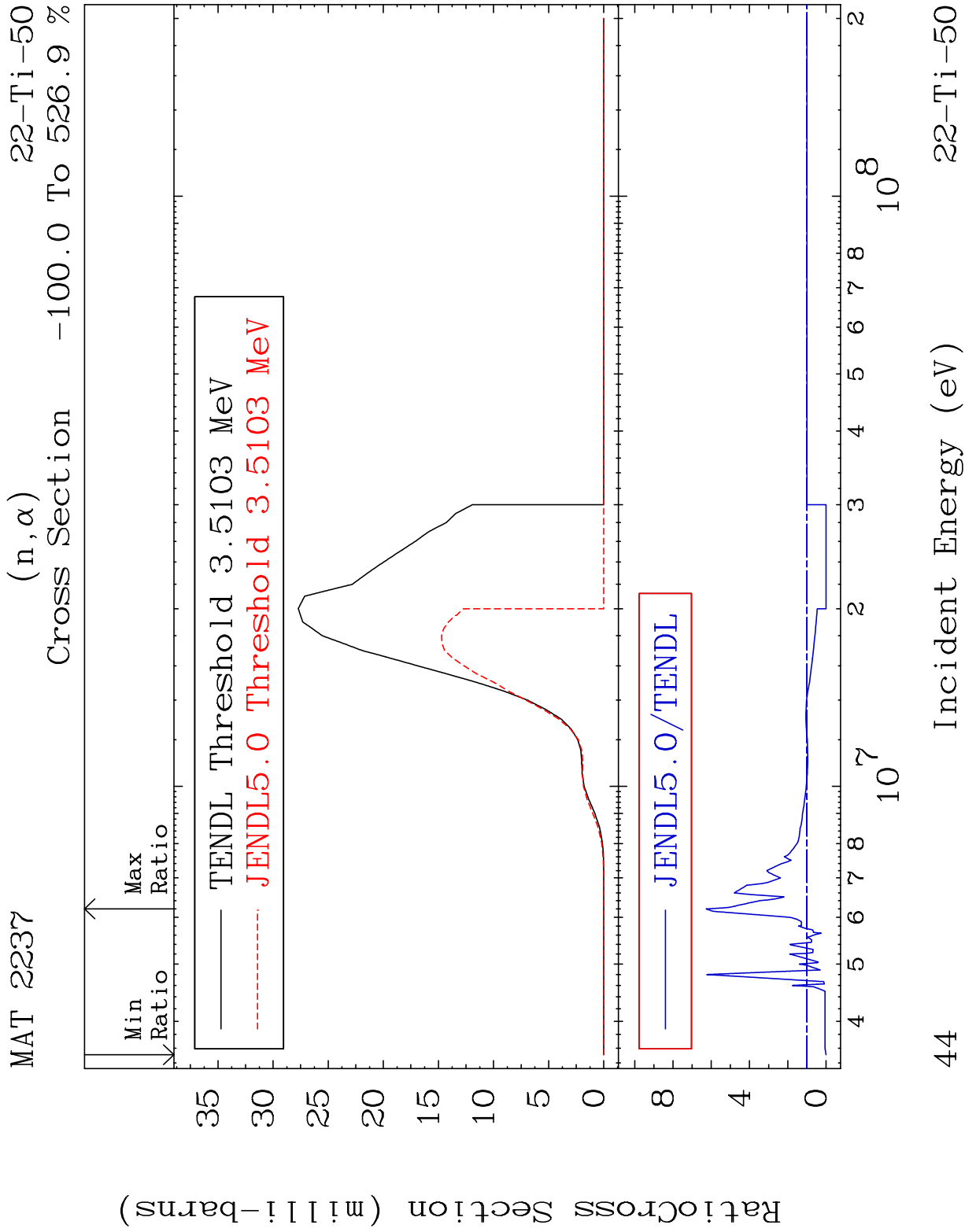


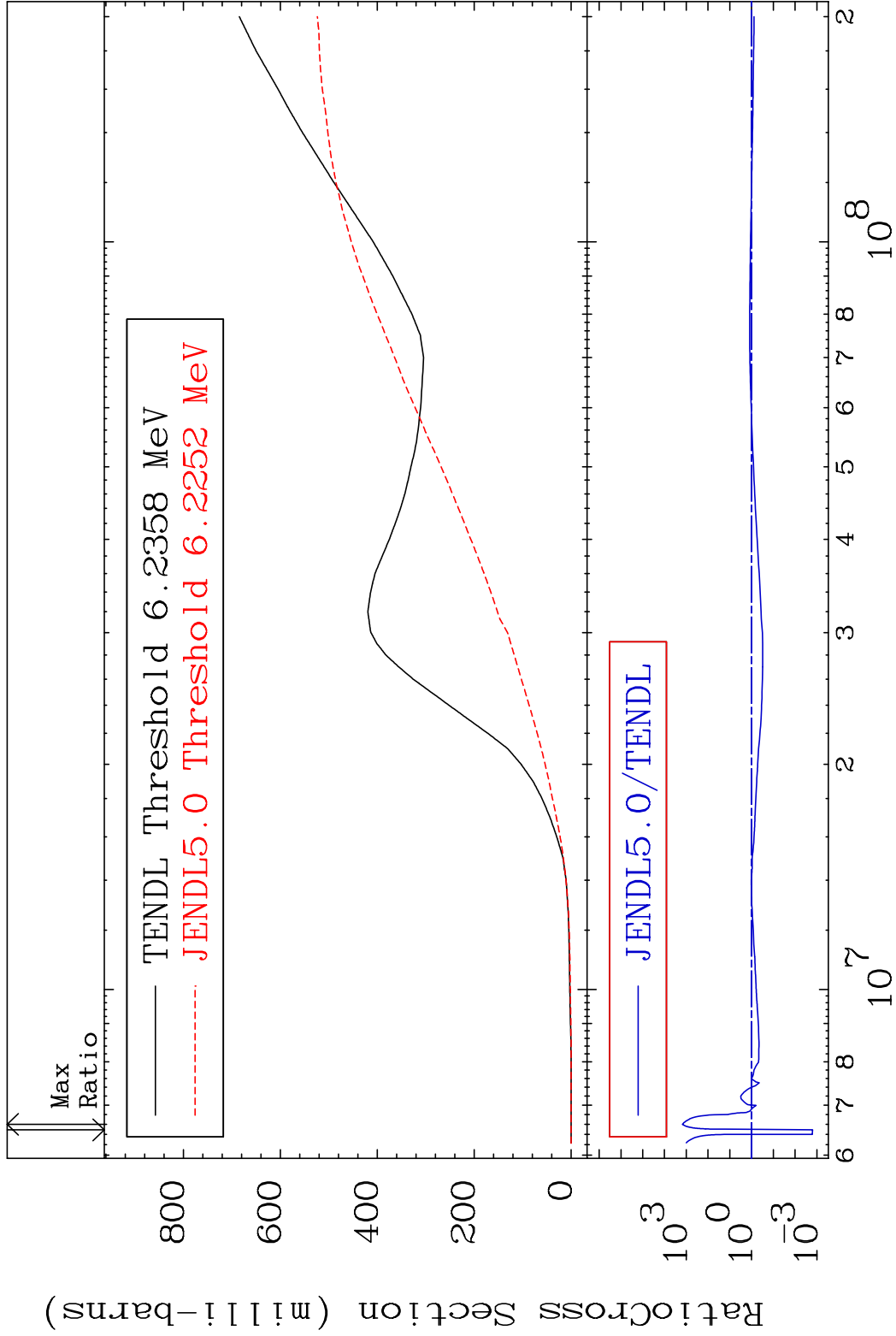


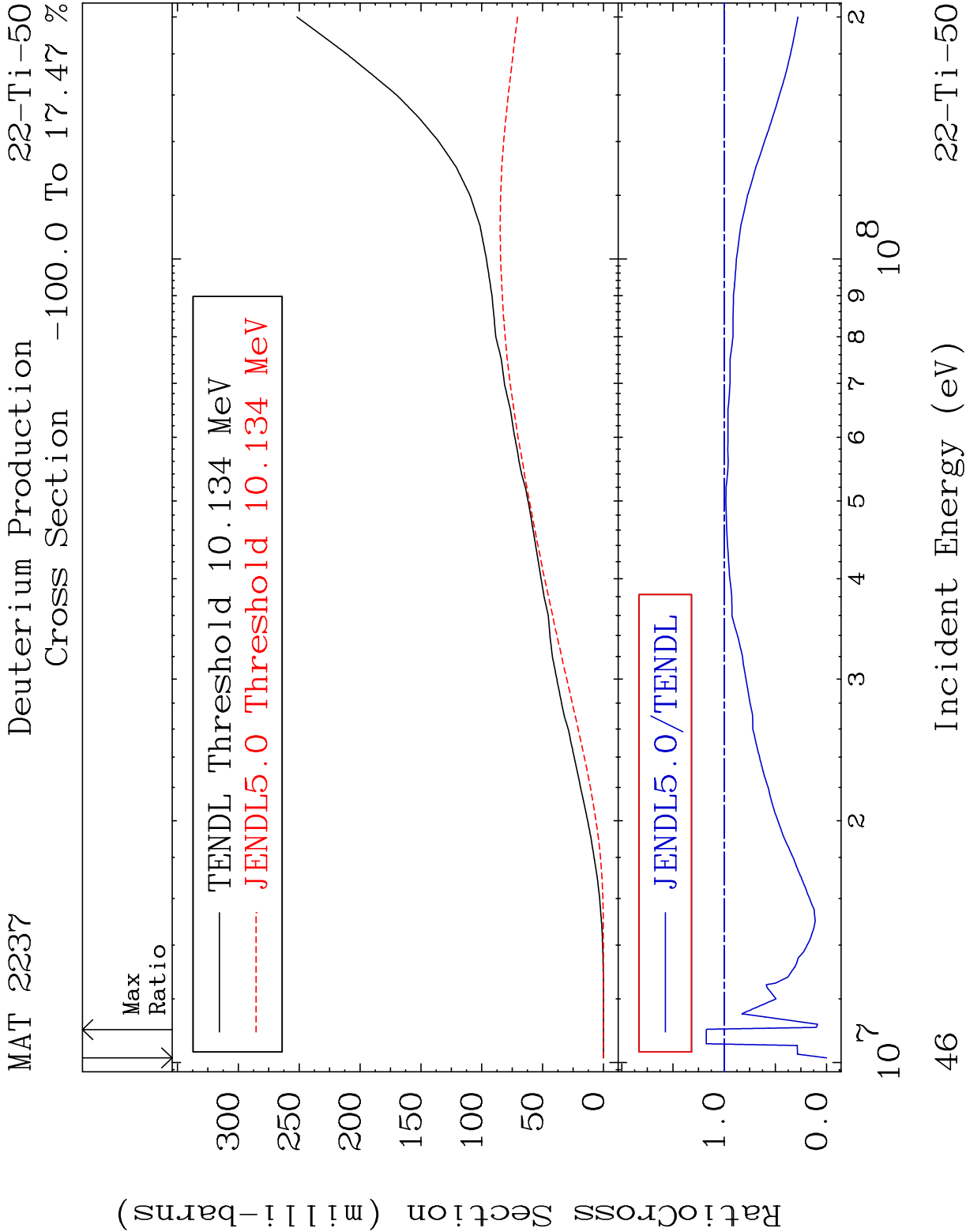


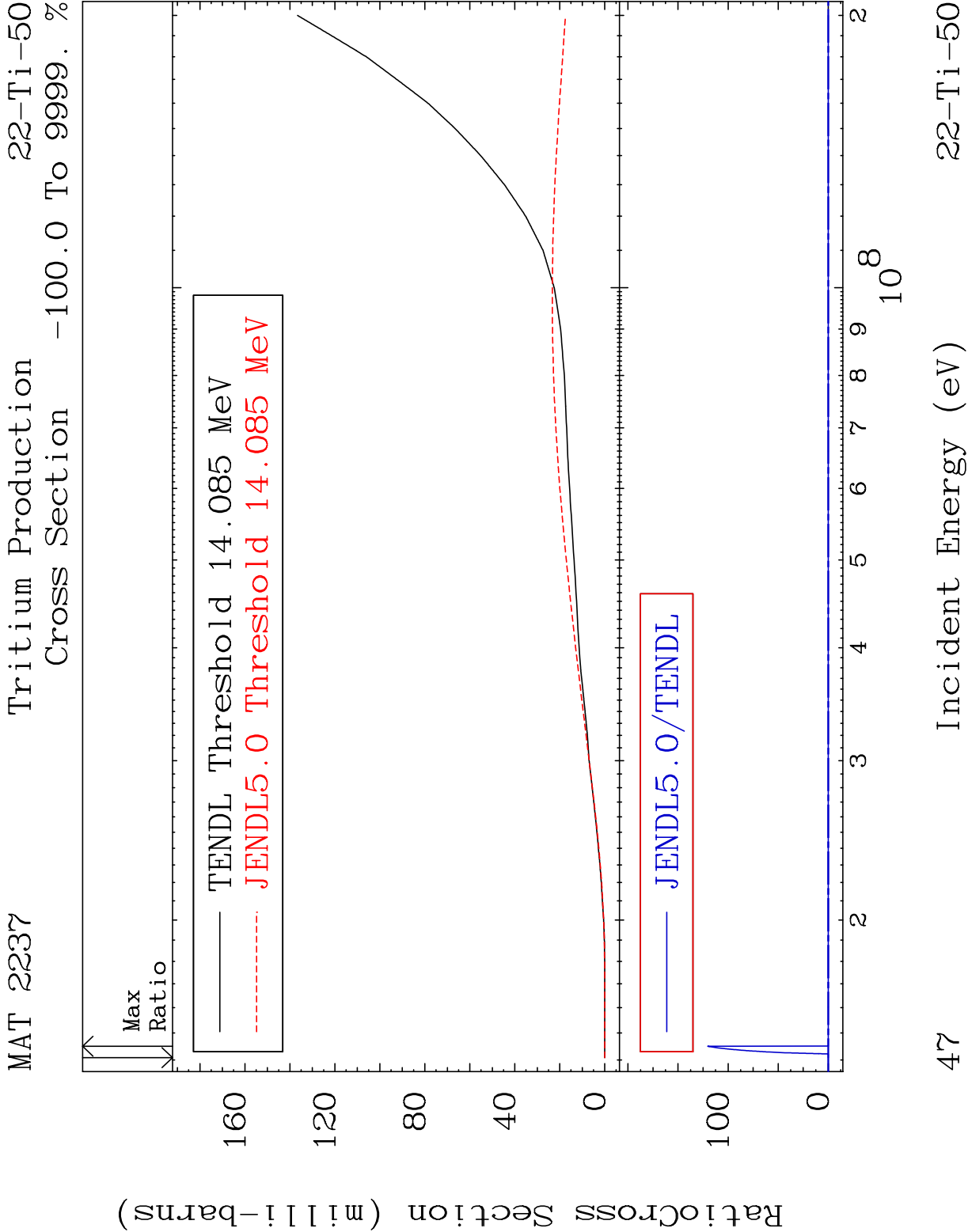


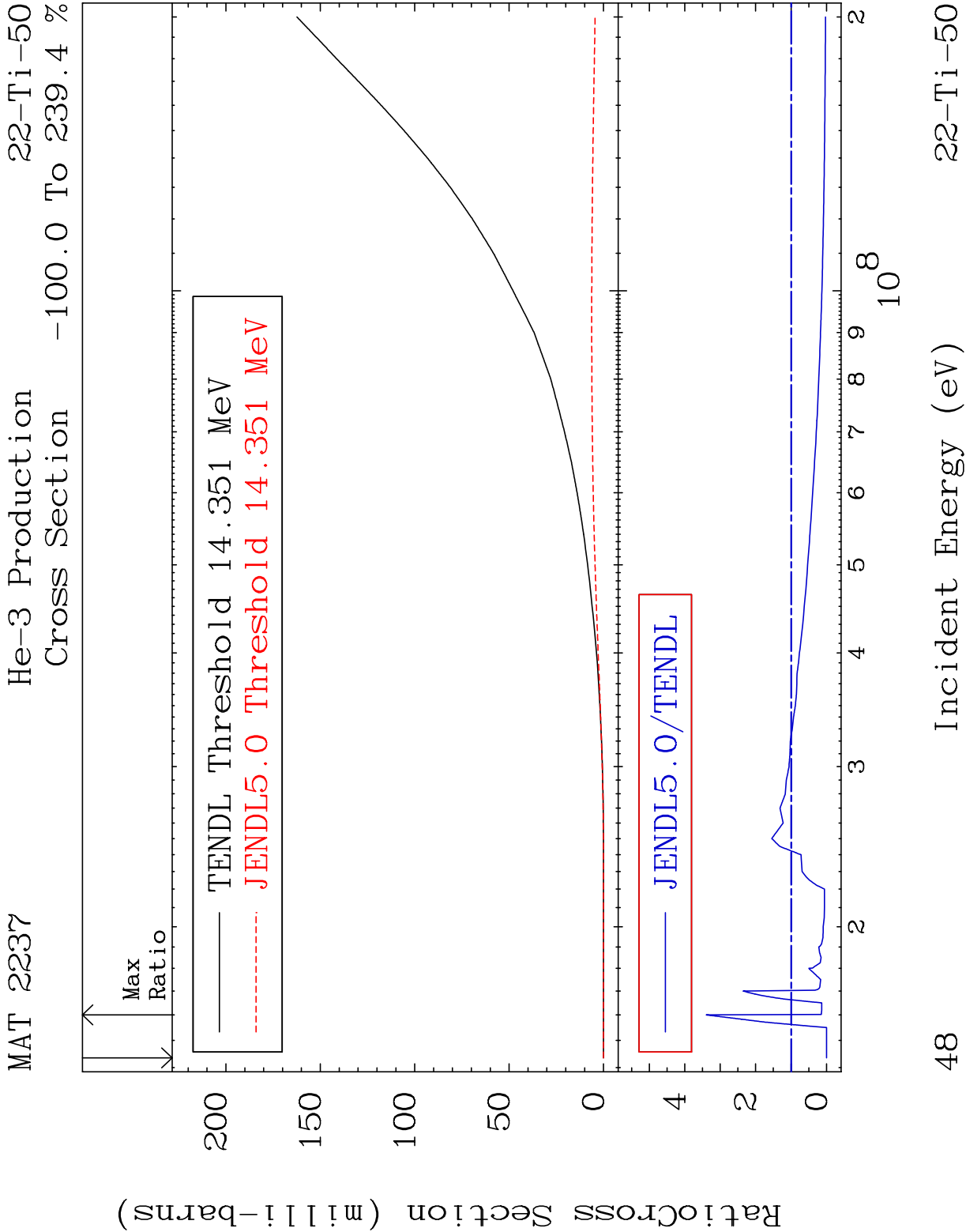


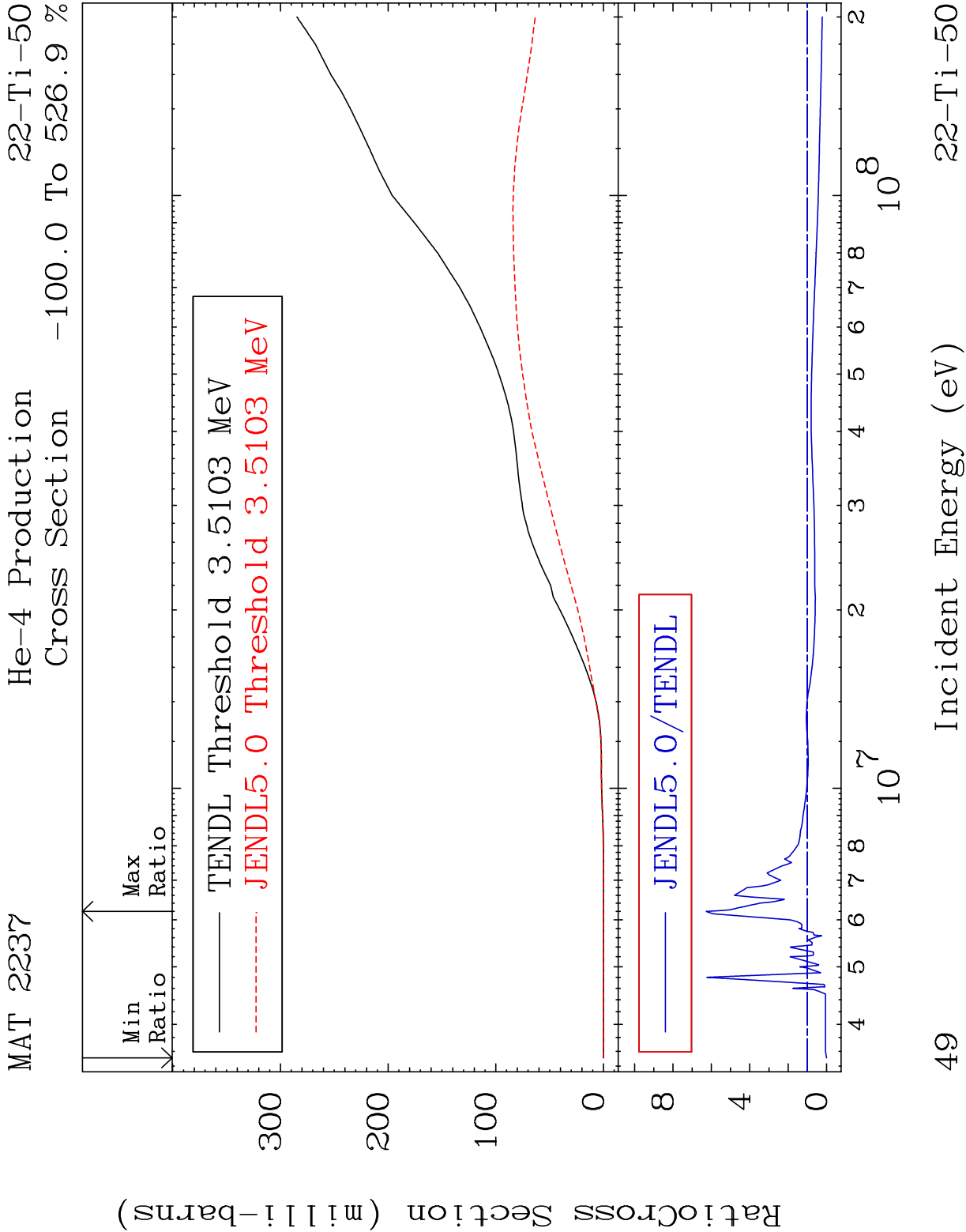


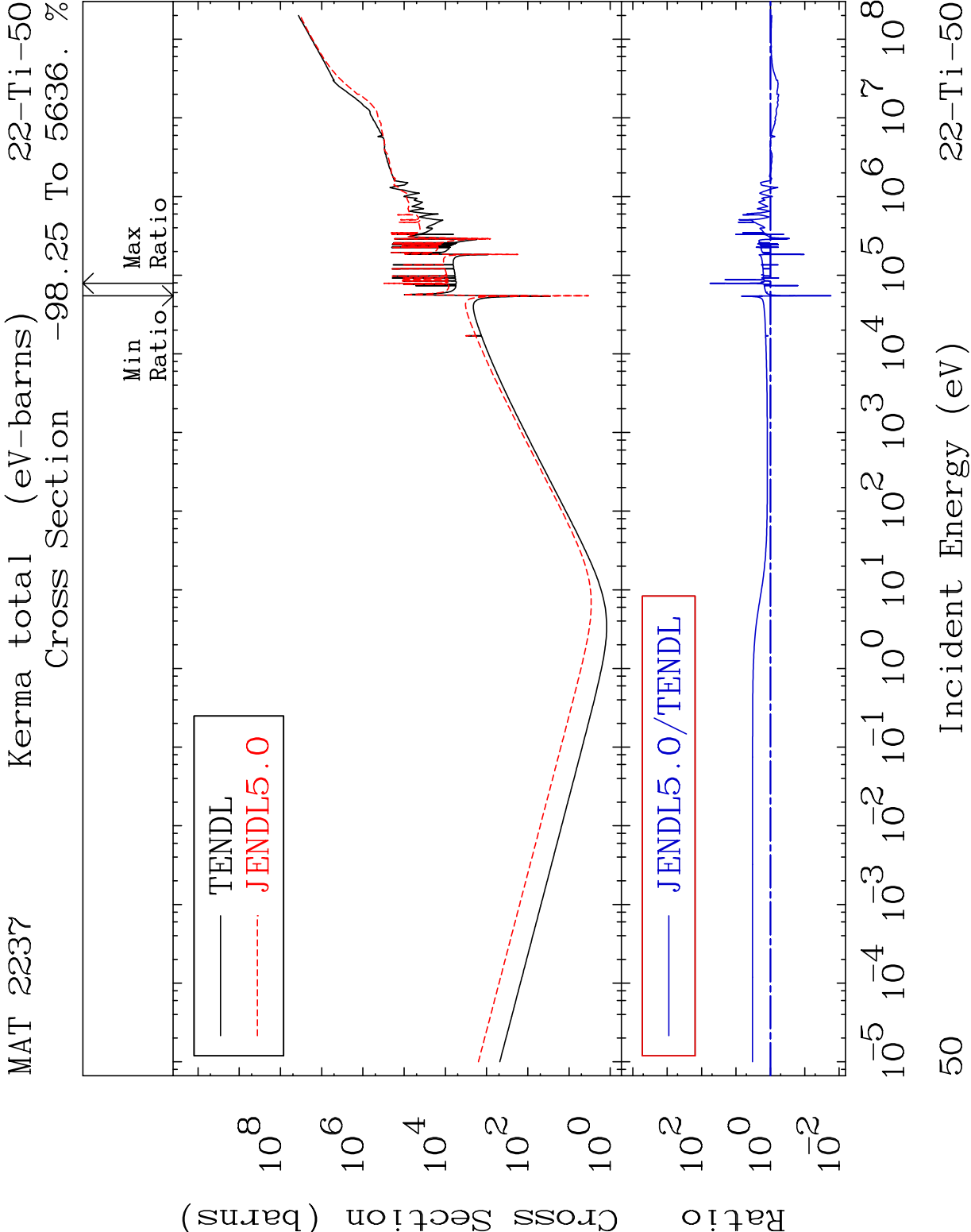




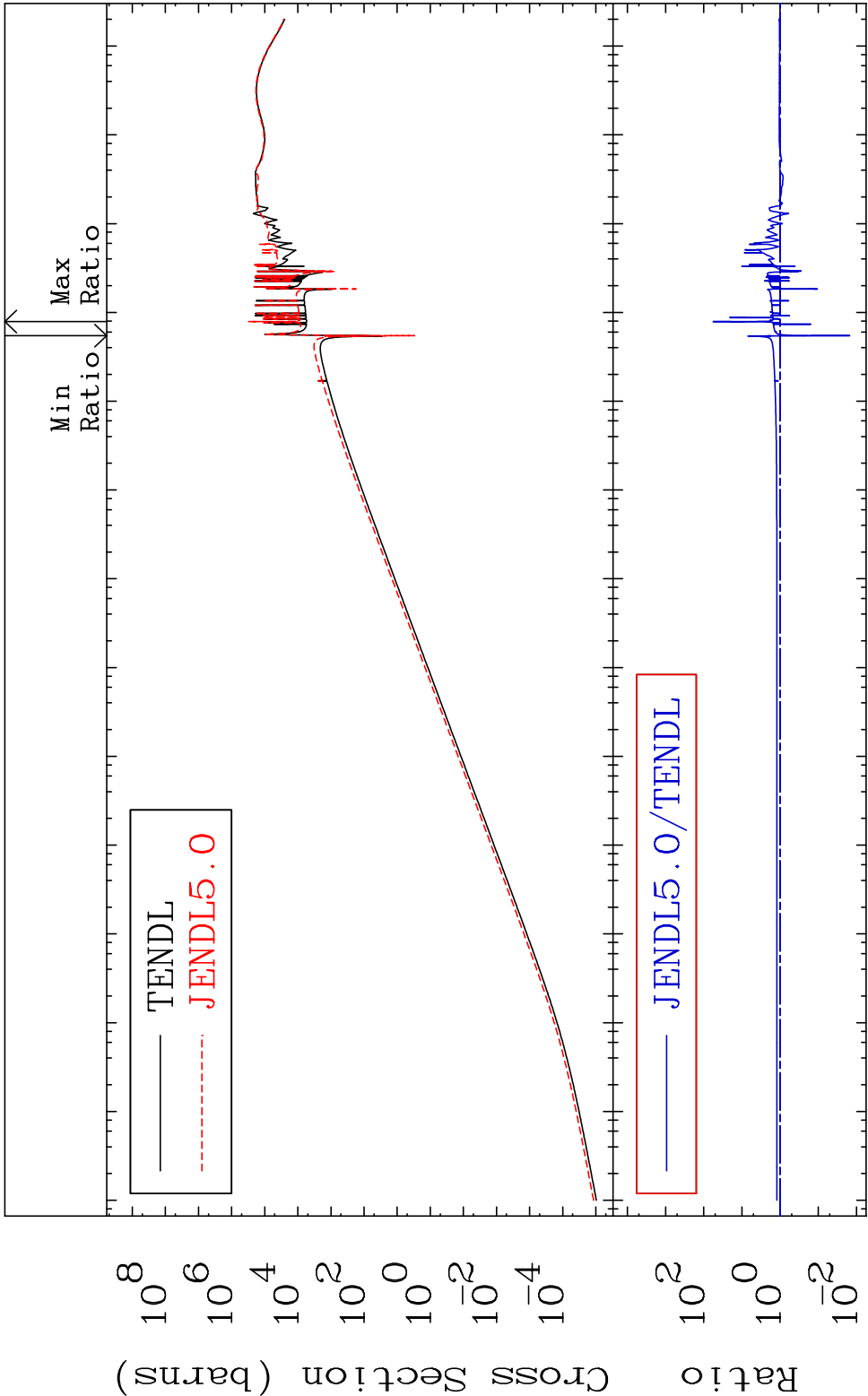






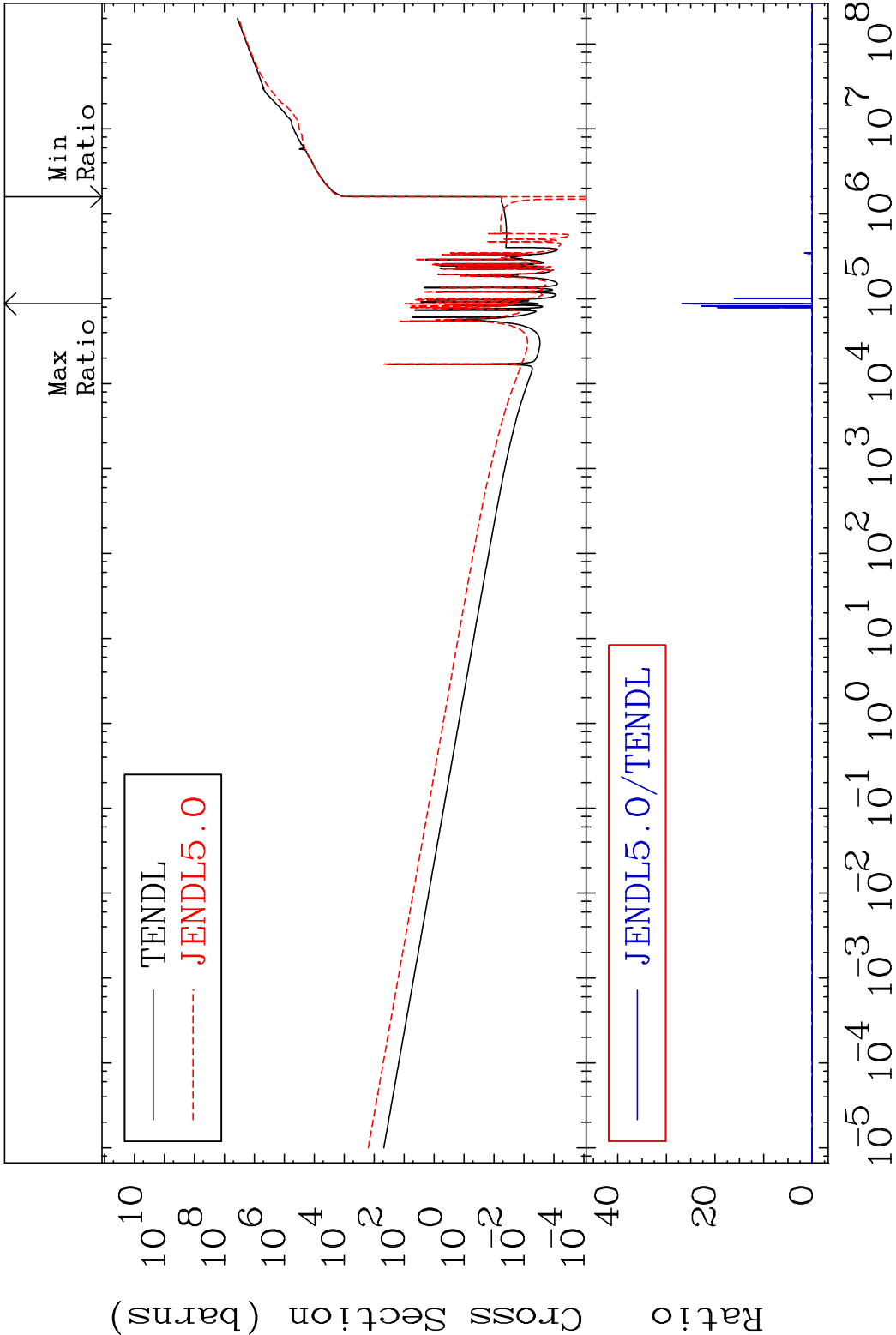


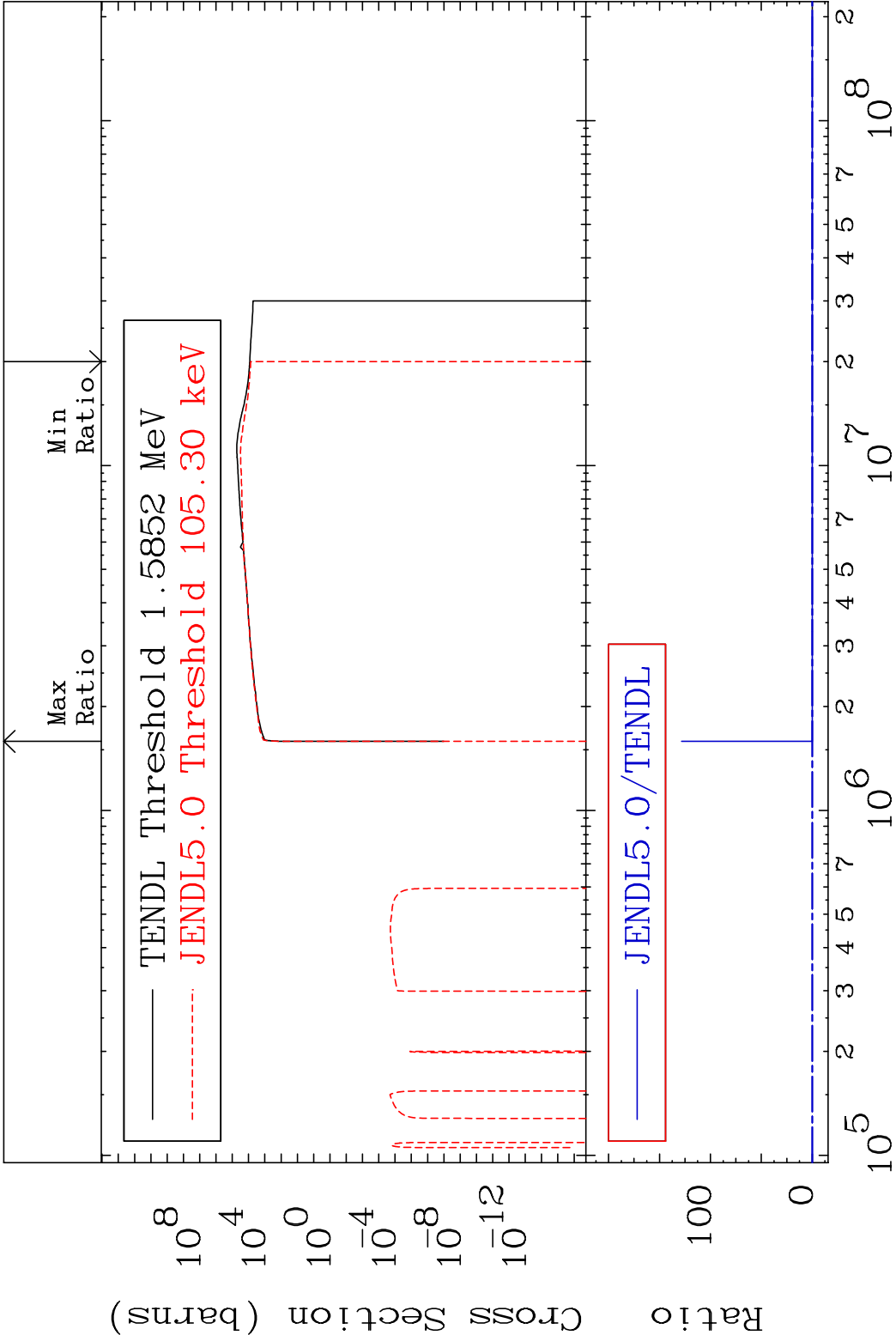
MAT 2237 Kerma elastic 22-Ti-50
Cross Section -98.48 To 5635. %



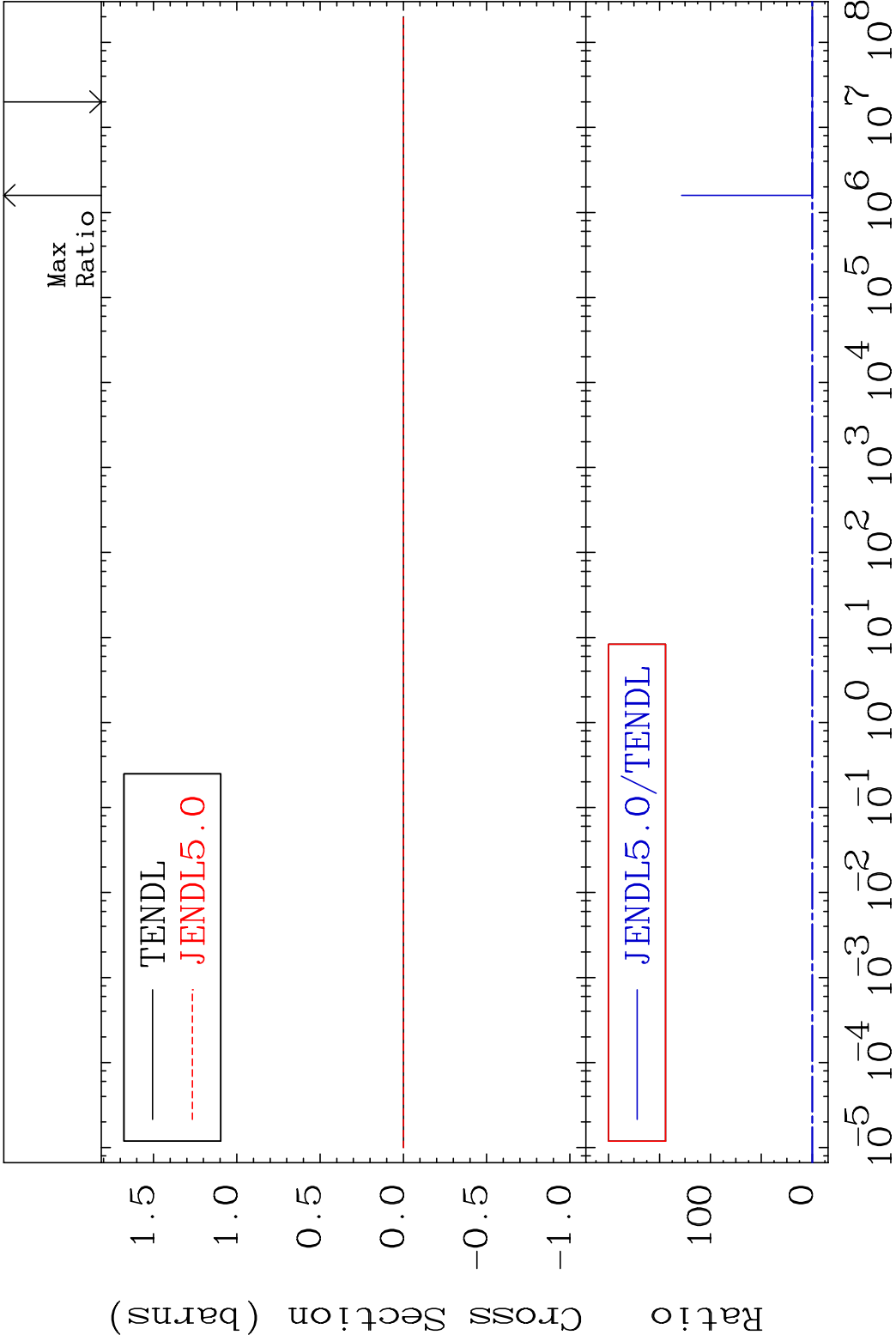
51 Incident Energy (eV) 22-Ti-50

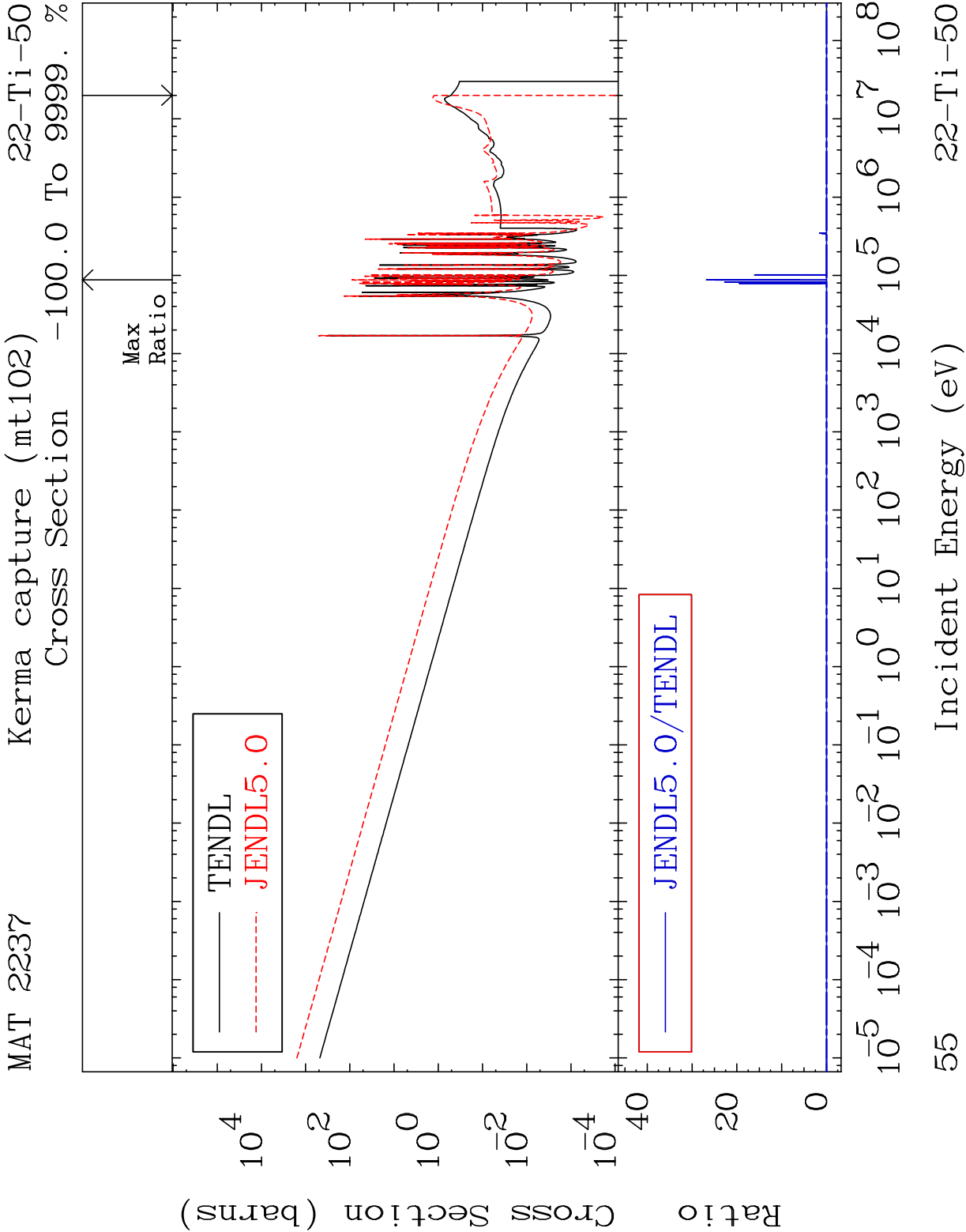
MAT 2237 Kerma non-elastic (all but mt2) 22-Ti-50
Cross Section -1588. To 9999. %

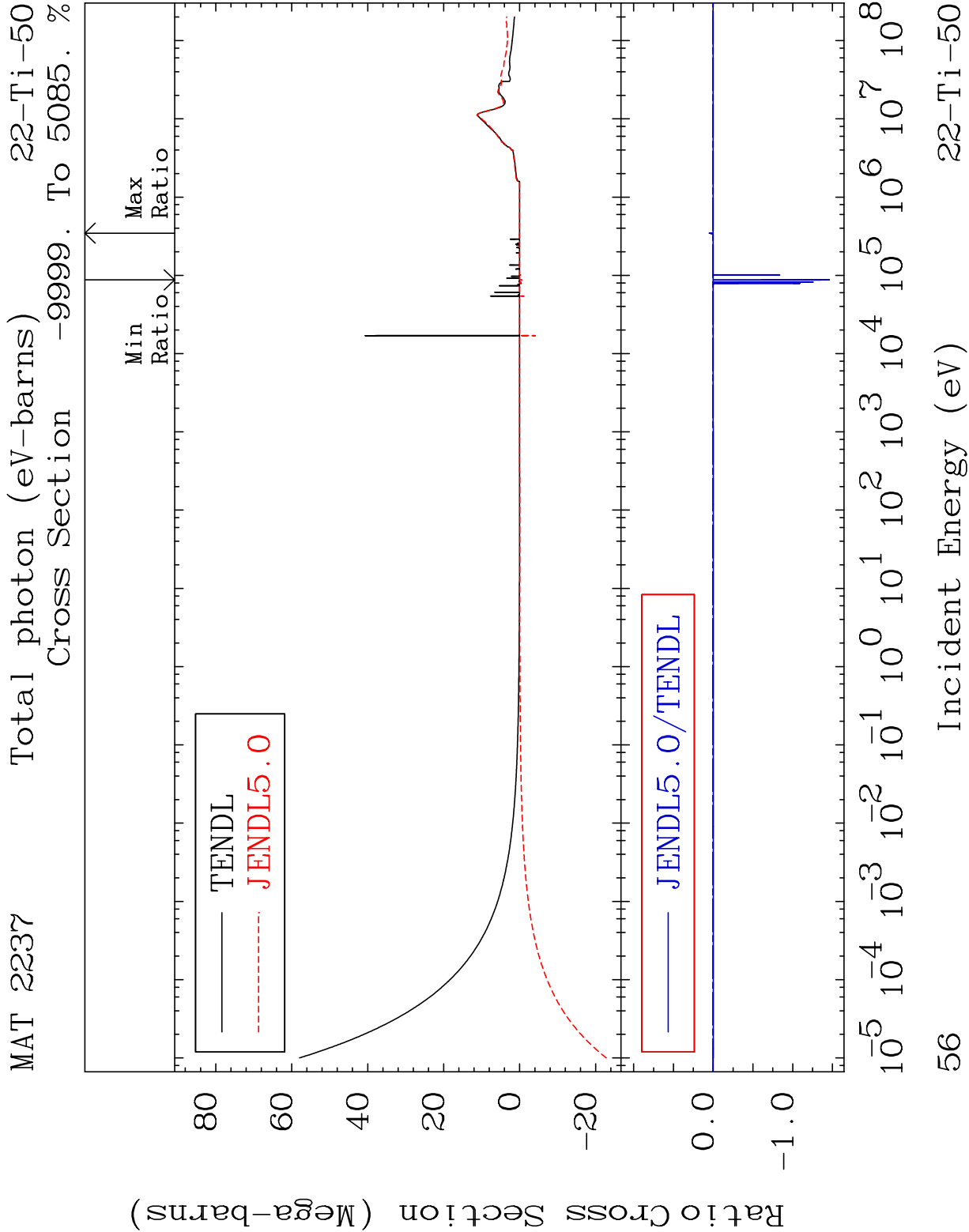




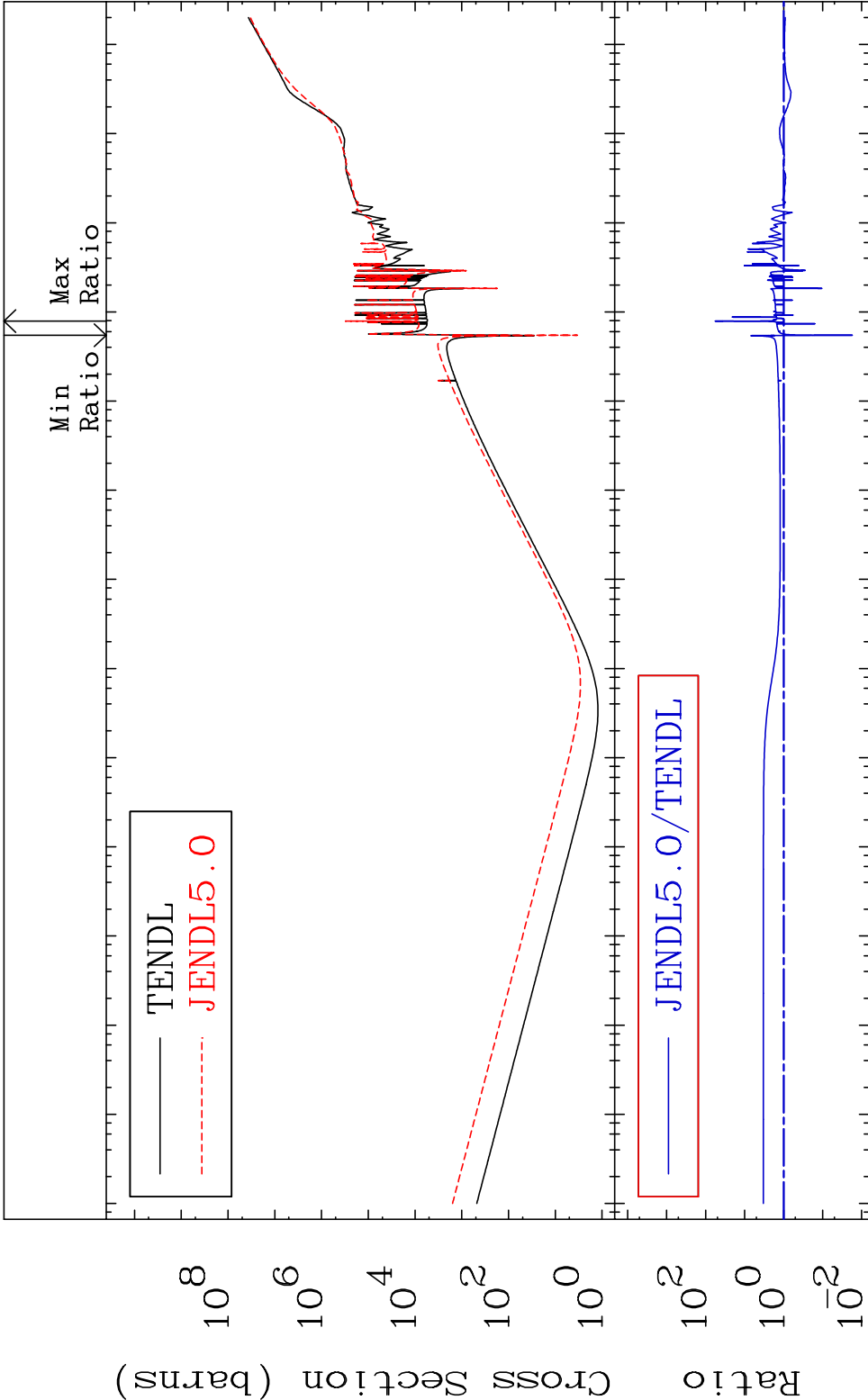
MAT 2237 Kerma fission (mt18 or mt19-20-21-38) 22-Ti-50
Cross Section -100.0 To 9999. %





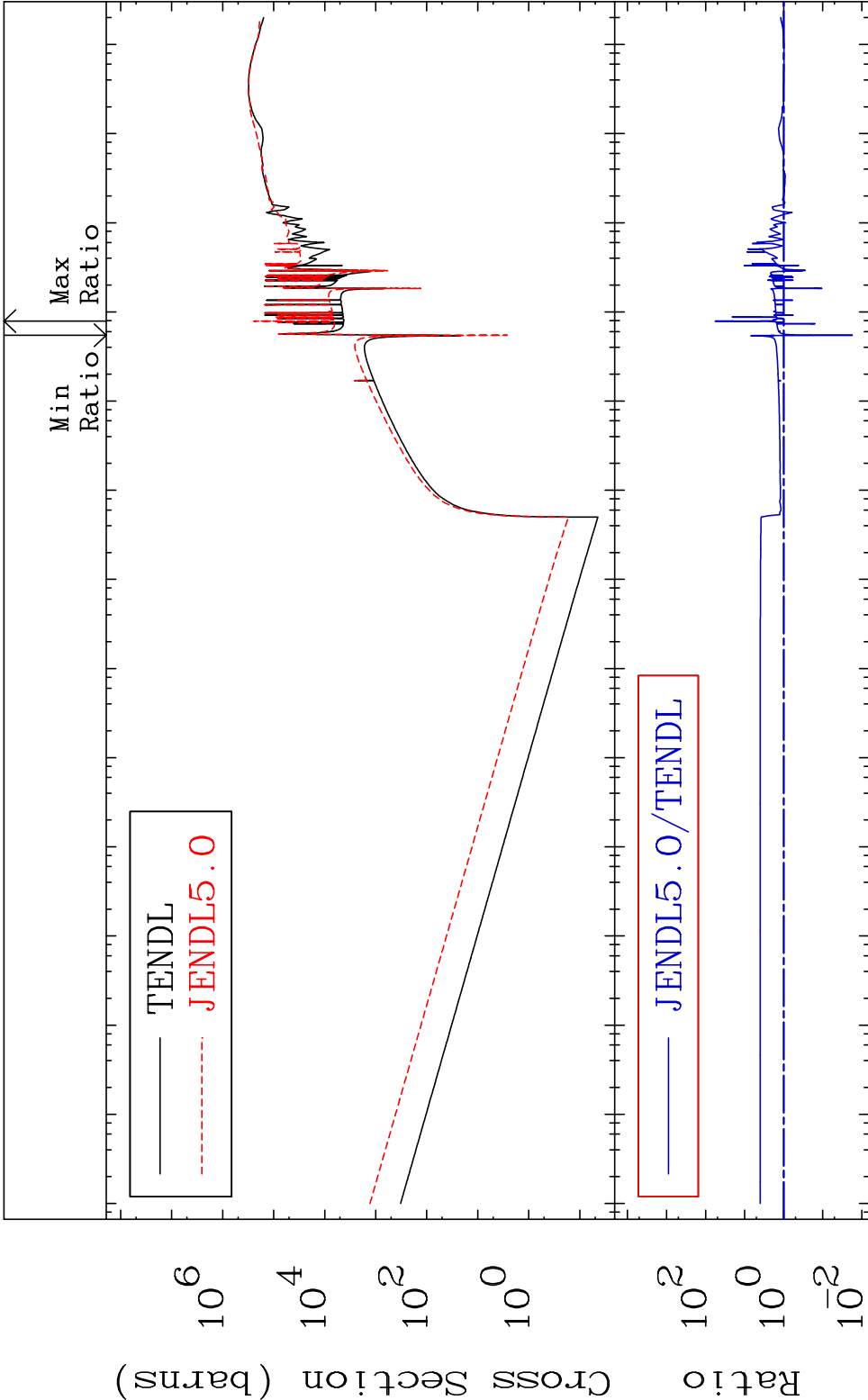


MAT 2237 Total kinematic kerma (high limit) 22-Ti-50
Cross Section -98.25 To 5636. %



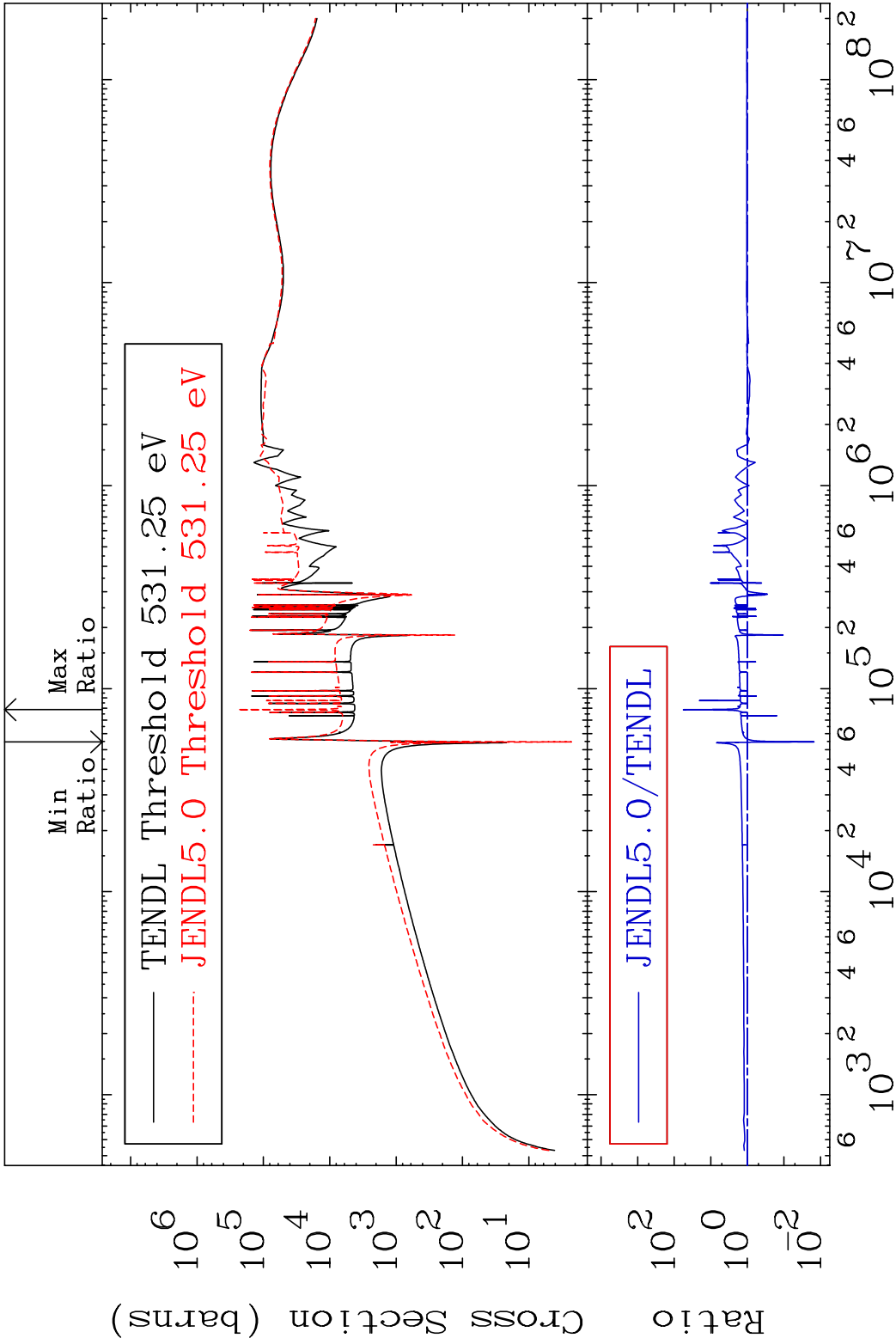
57 Incident Energy (eV) 22-Ti-50

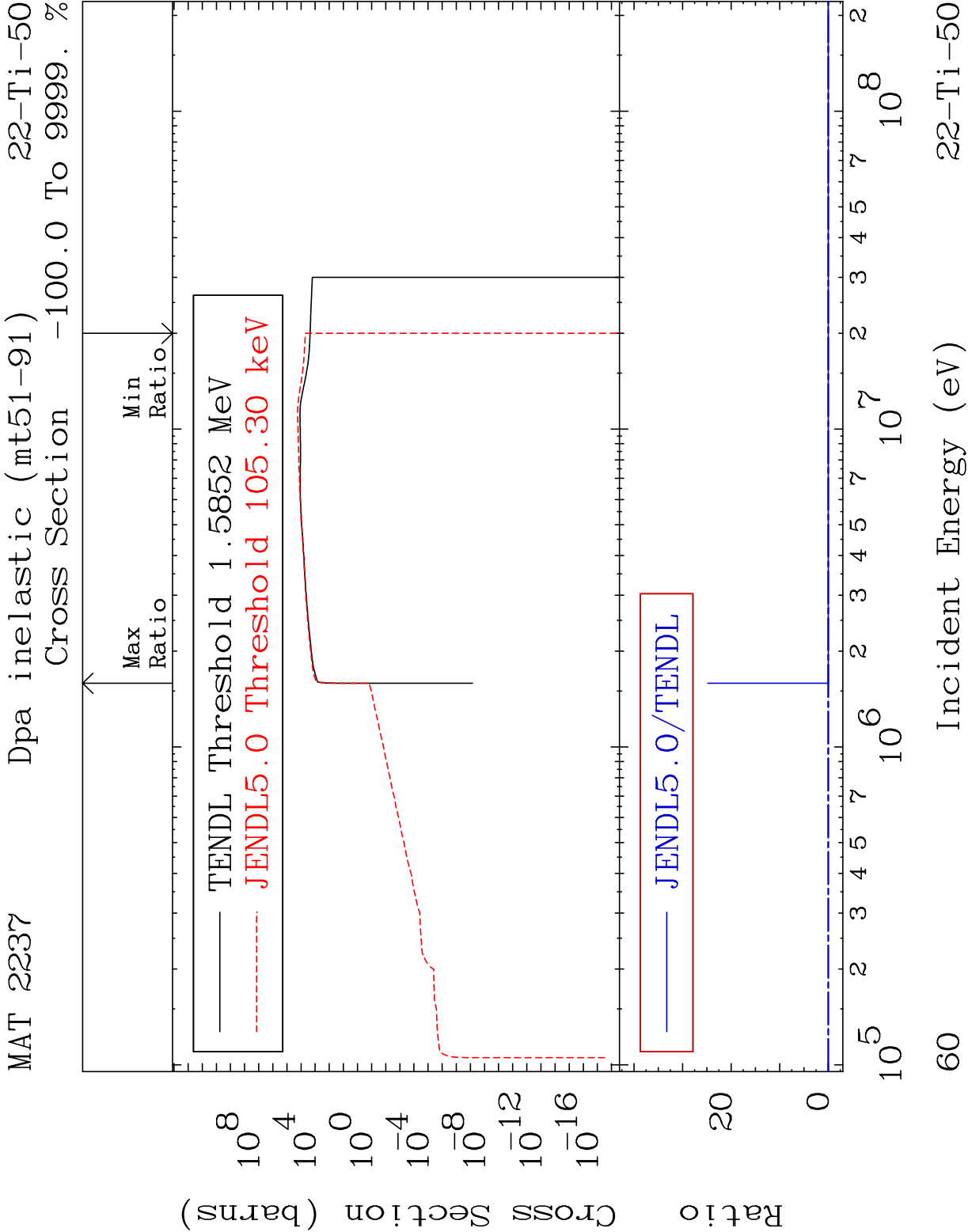
MAT 2237 Dpa total (eV-barns) 22-Ti-50
Cross Section -98.24 To 5636. %



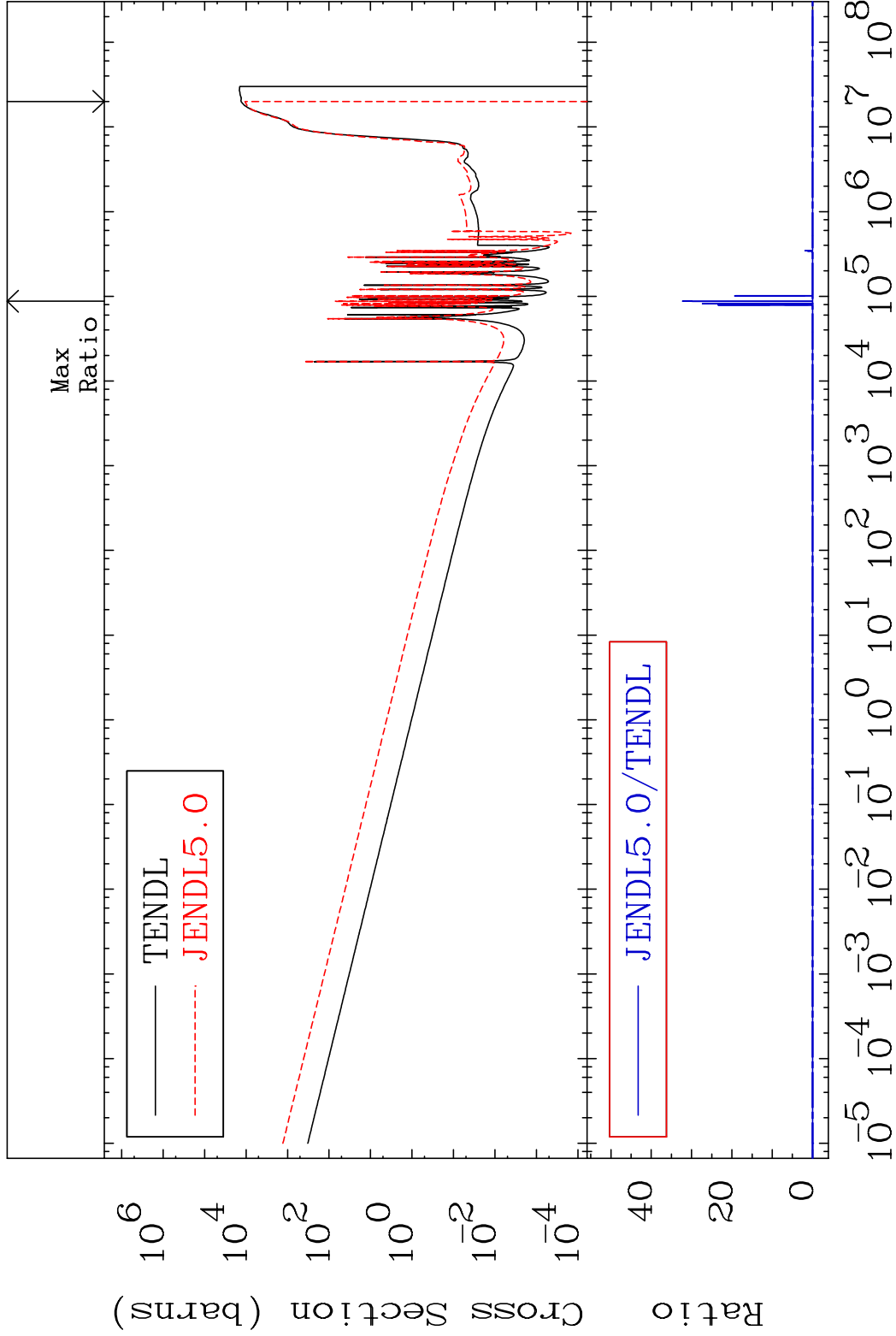
58 Incident Energy (eV) 22-Ti-50

MAT 2237	Dpa elastic (mt2)	22-Ti-50
	Cross Section	-98.48 To 5634. %





MAT 2237 Dpa disappearance (mt102 -120) 22-Ti-50
Cross Section -100.0 To 9999. %

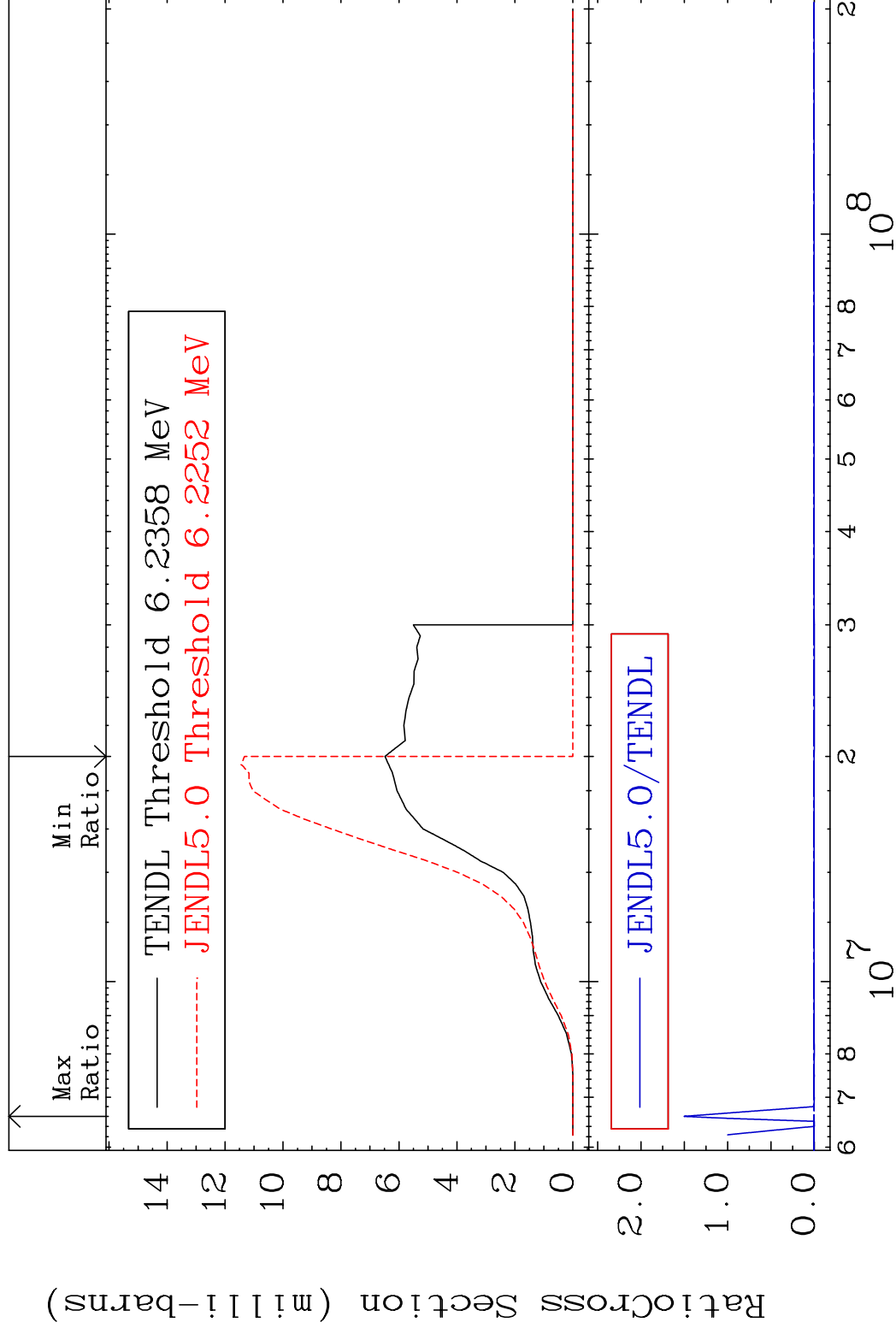


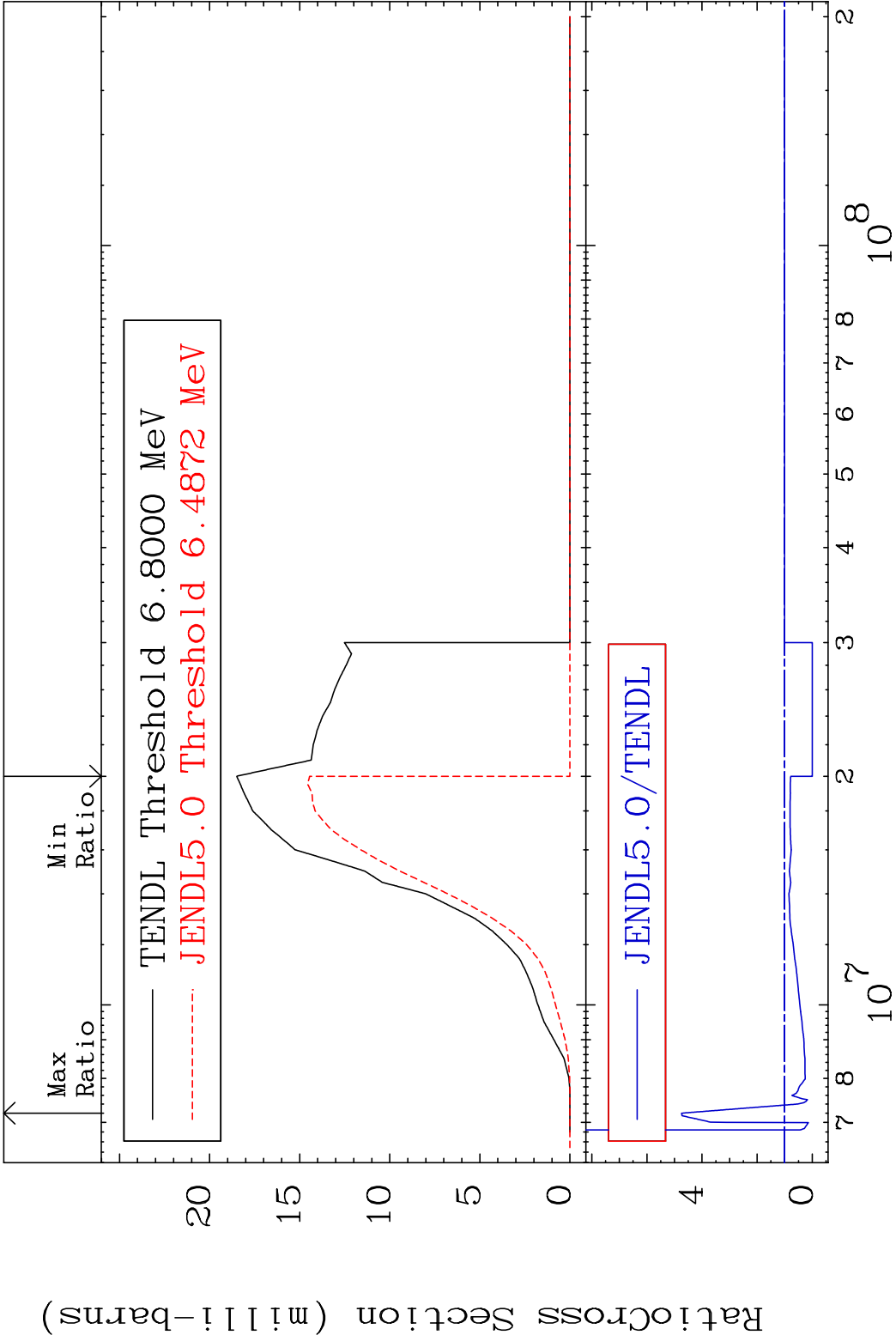
MAT 2237

$$(n, p): 21\text{-Sc-}50\text{g}$$

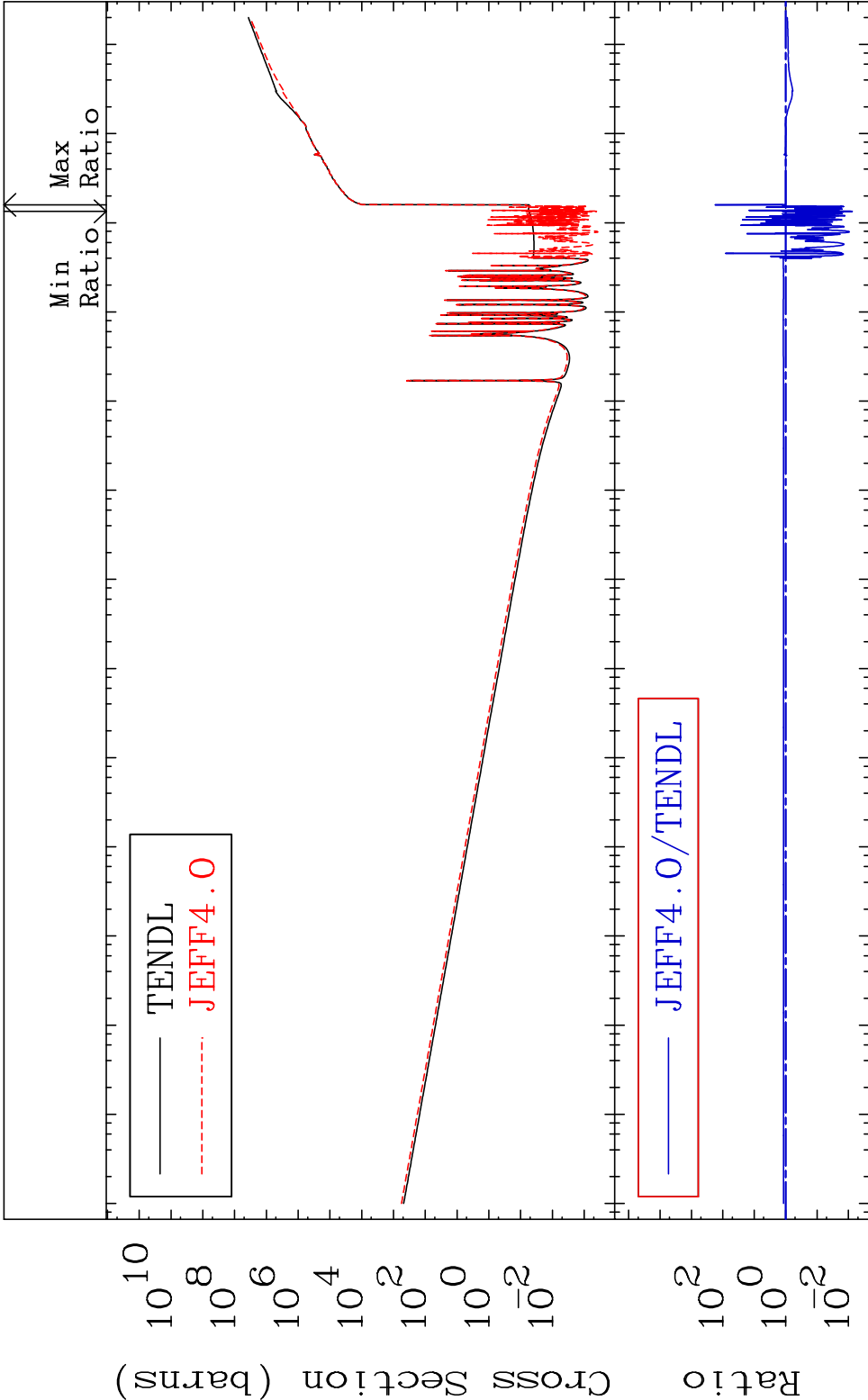
22-Ti-50

Radionuclide Production Cross-Section, %

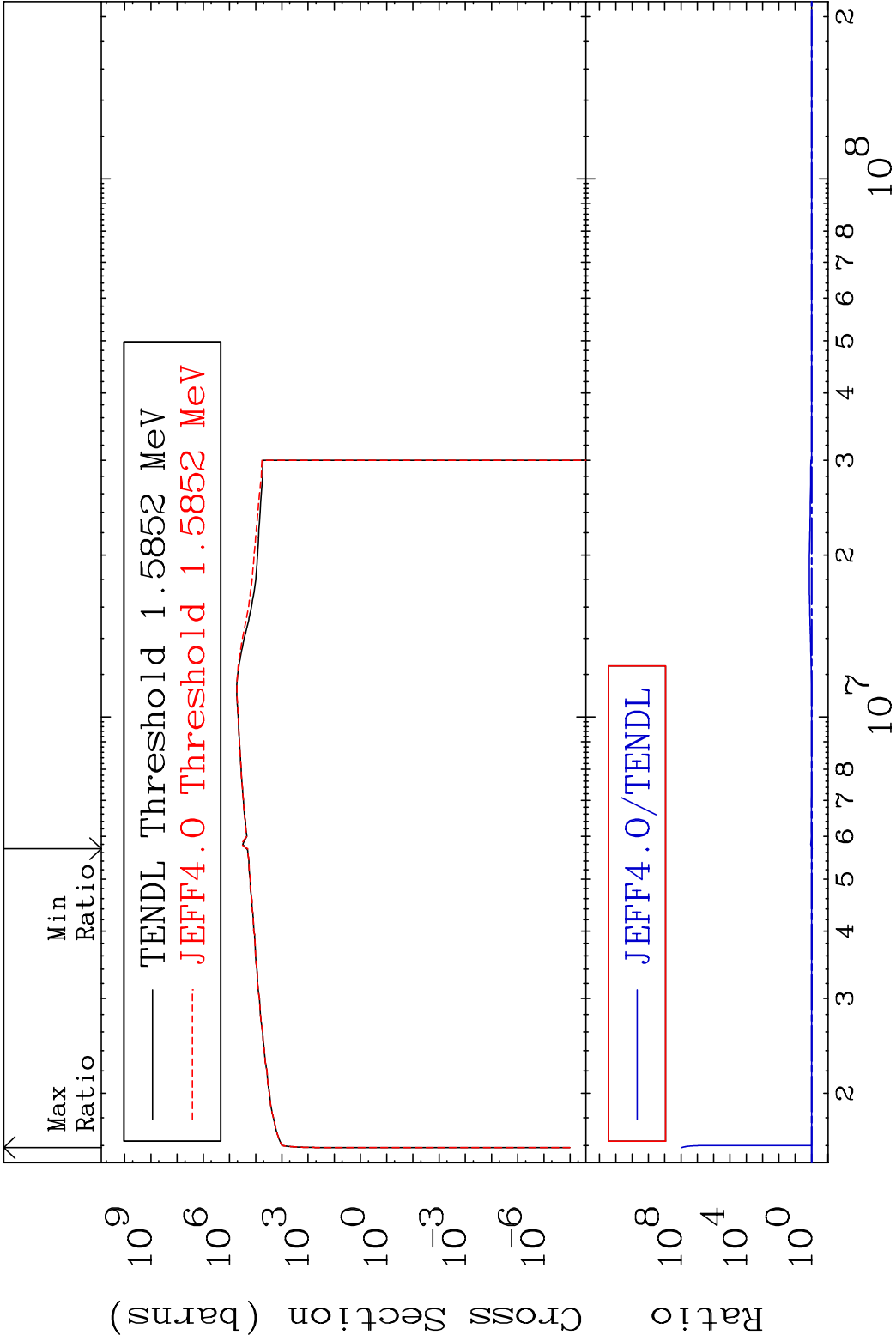




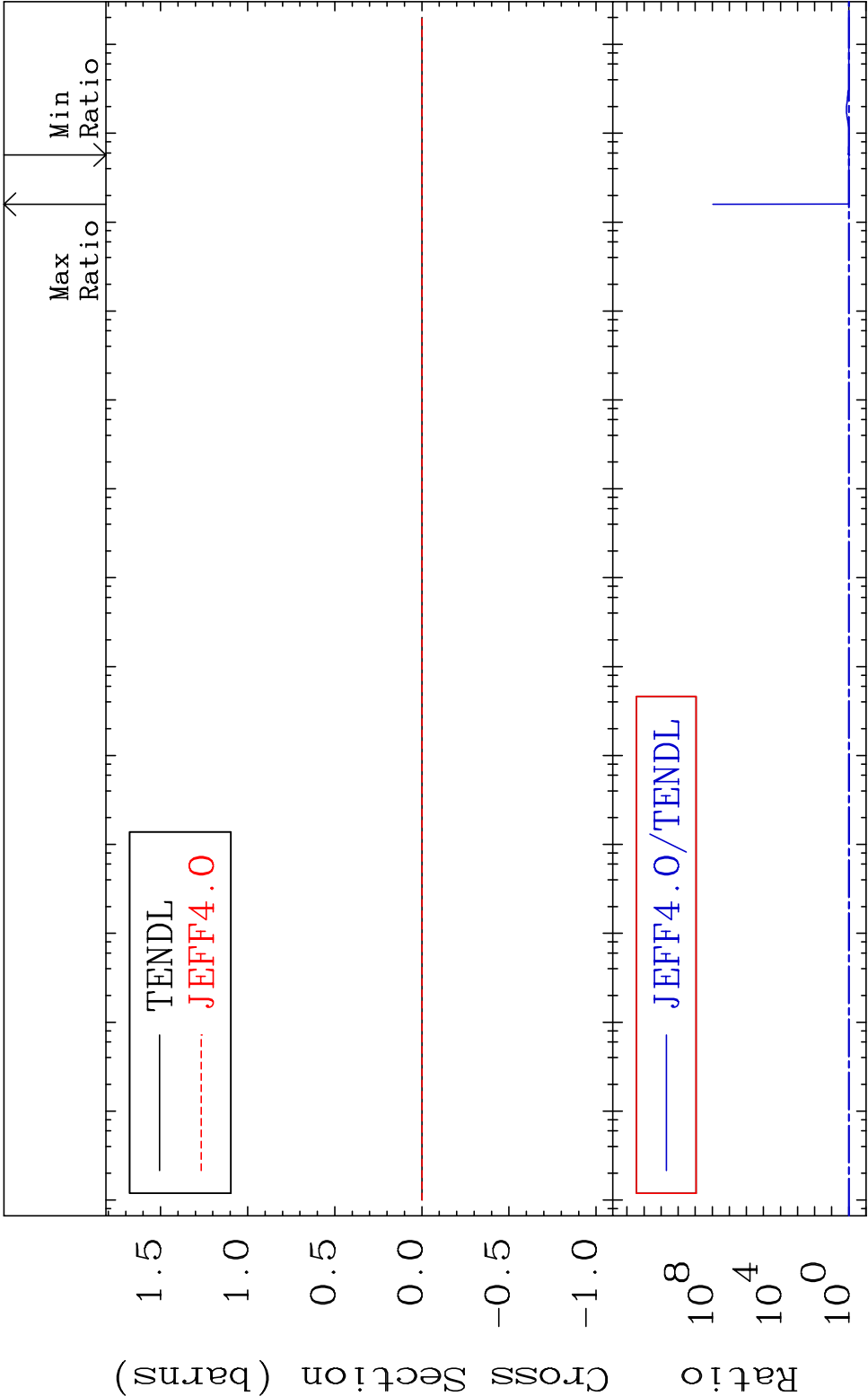
MAT 2237 Kerma non-elastic (all but mt2) 22-Ti-50
Cross Section -99.24 To 9999. %



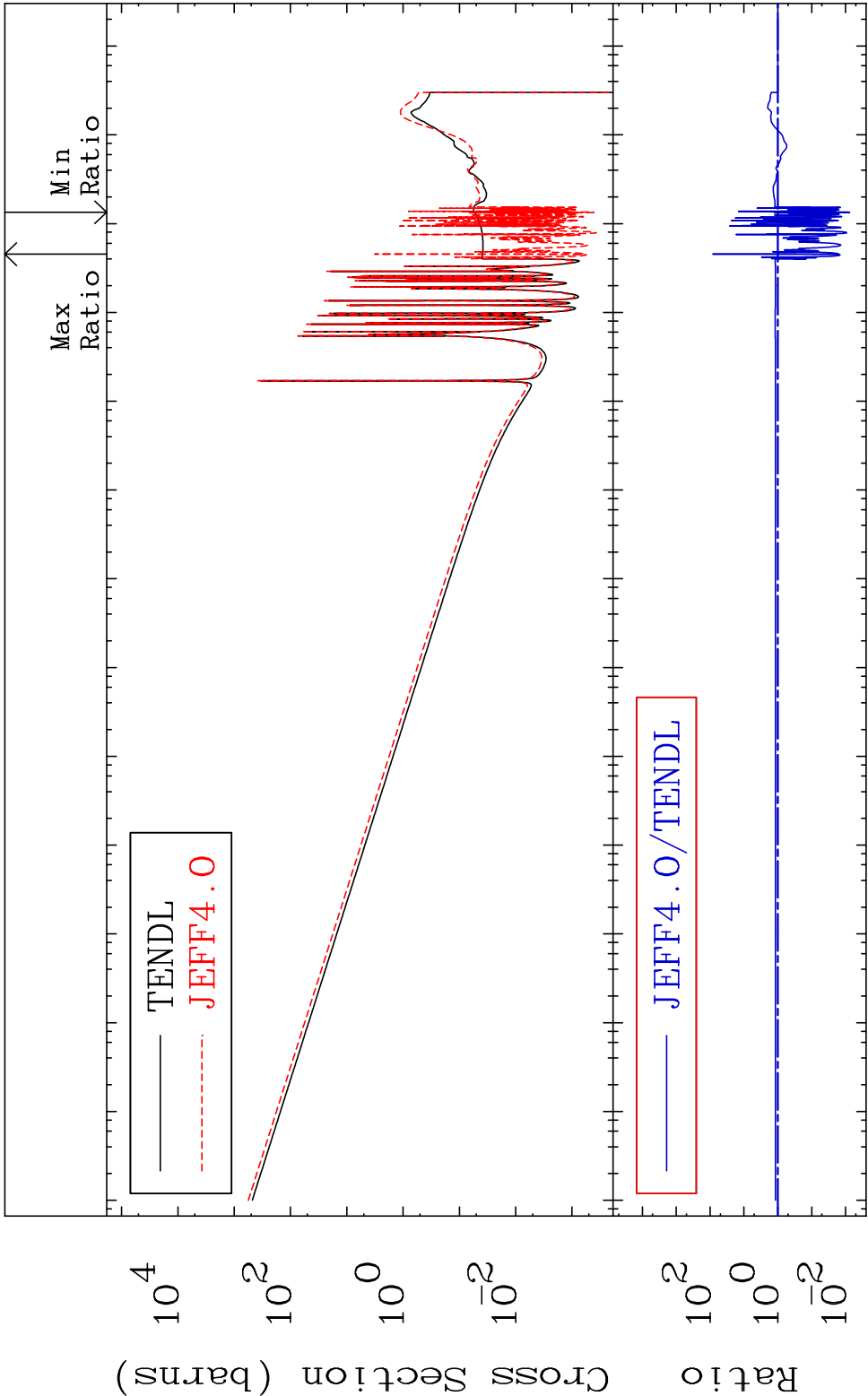
64 Incident Energy (eV) 22-Ti-50



MAT 2237 Kerma fission (mt18 or mt19-20-21-38) 22-Ti-50
Cross Section -9.423 To 9999. %

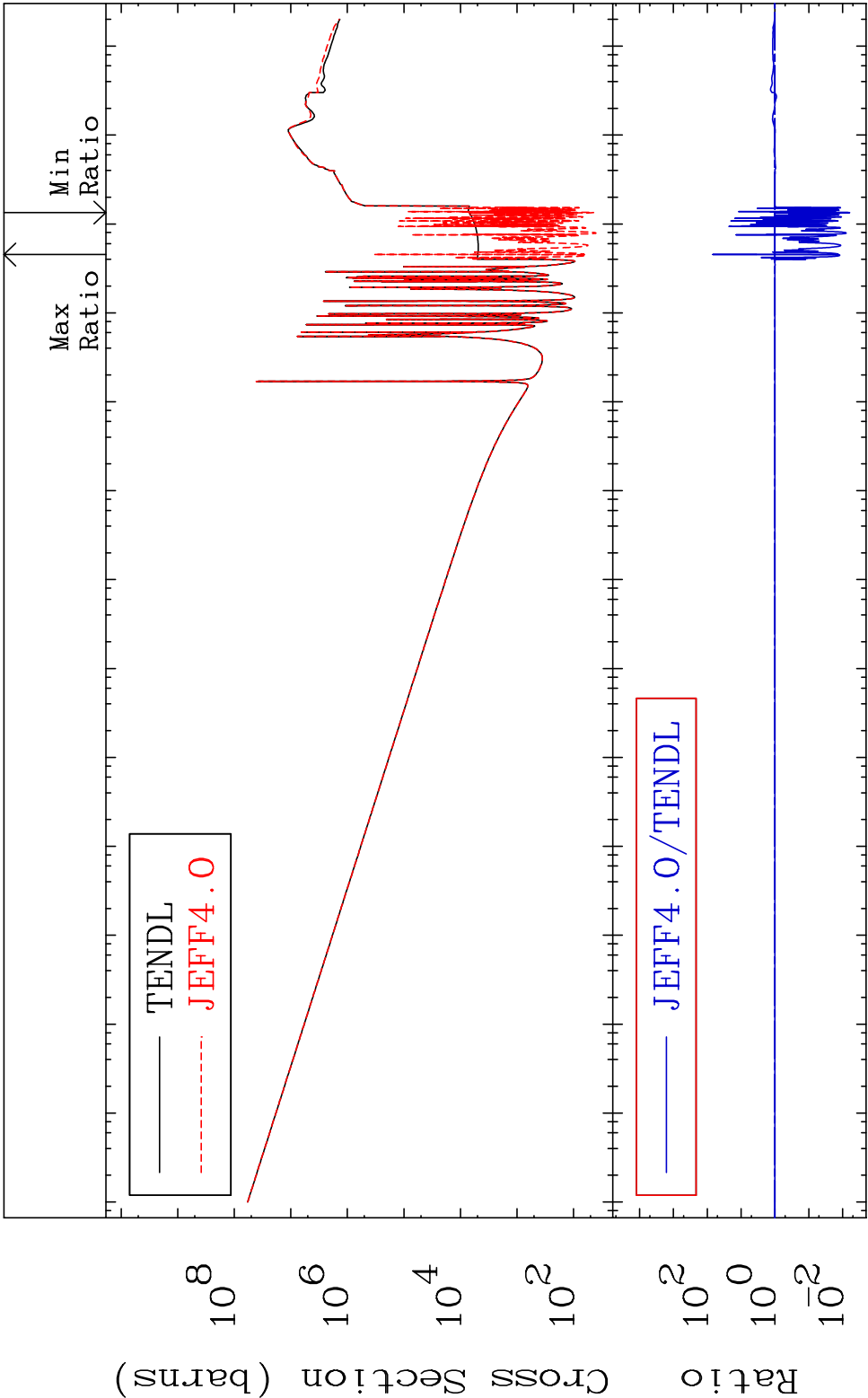


MAT 2237 Kerma capture (mt102) 22-Ti-50
Cross Section -99.24 To 8133. %



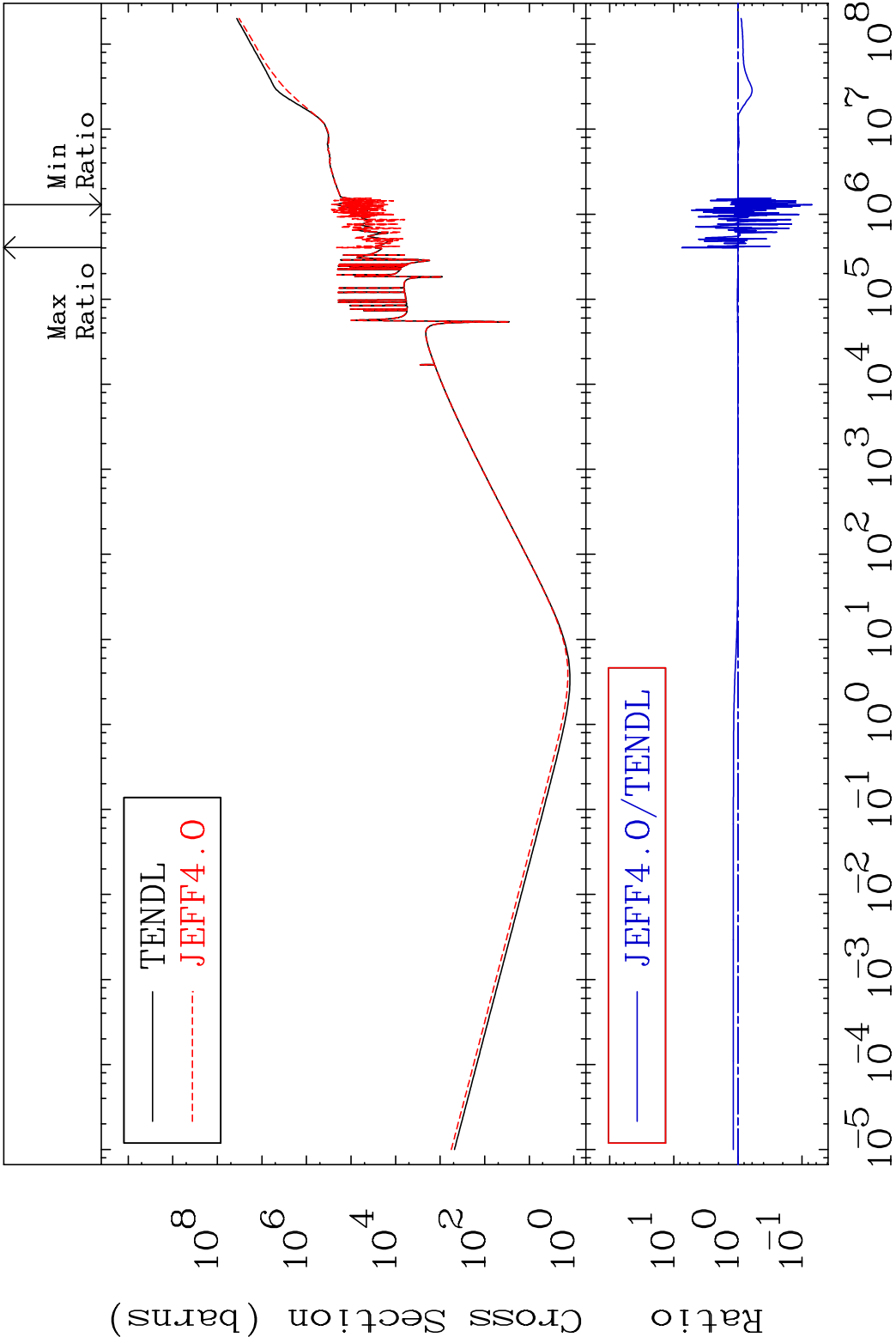
67 Incident Energy (eV) 22-Ti-50

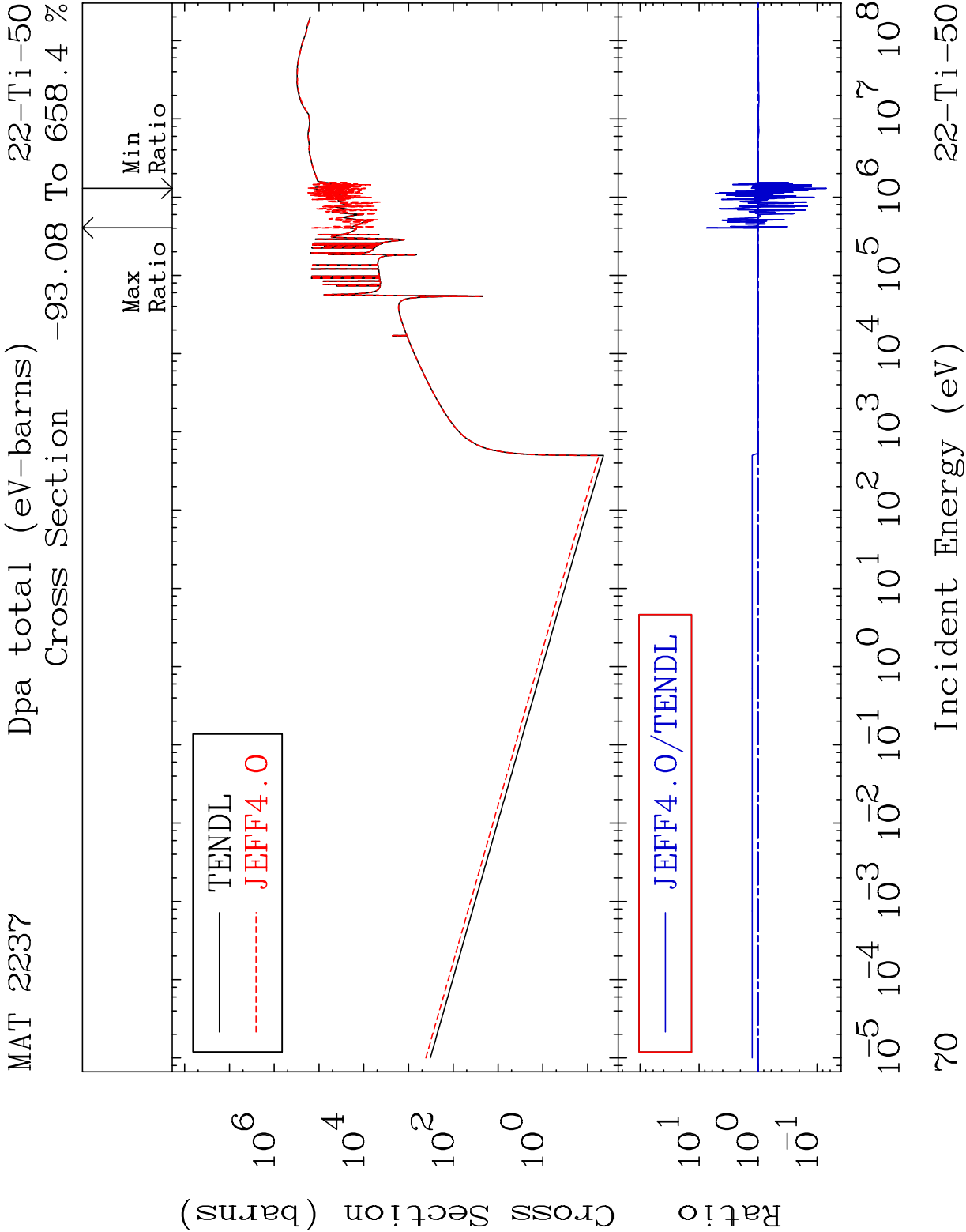
MAT 2237 Total photon (eV-barns) 22-Ti-50
Cross Section -99.37 To 6766. %



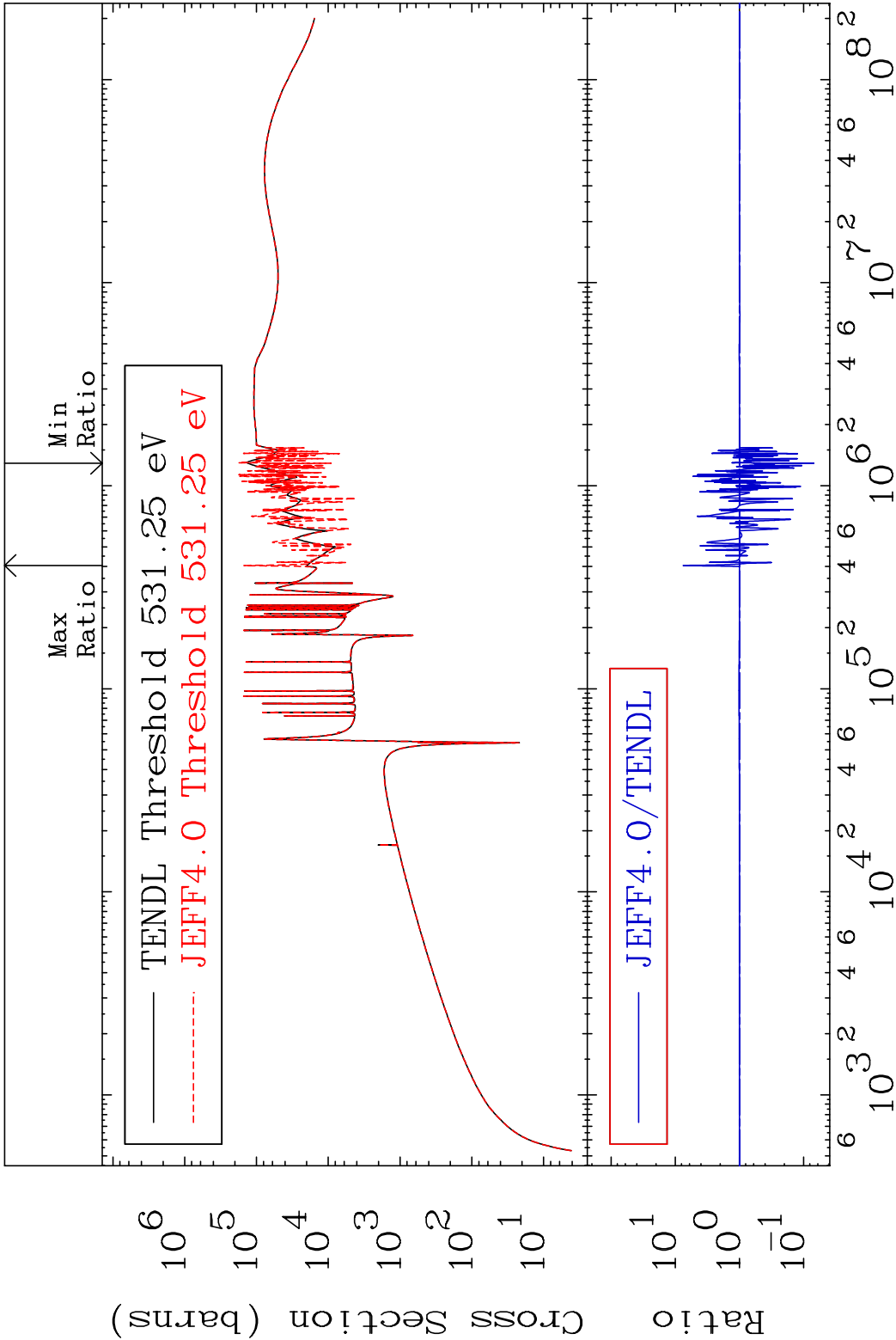
68 Incident Energy (eV) 22-Ti-50

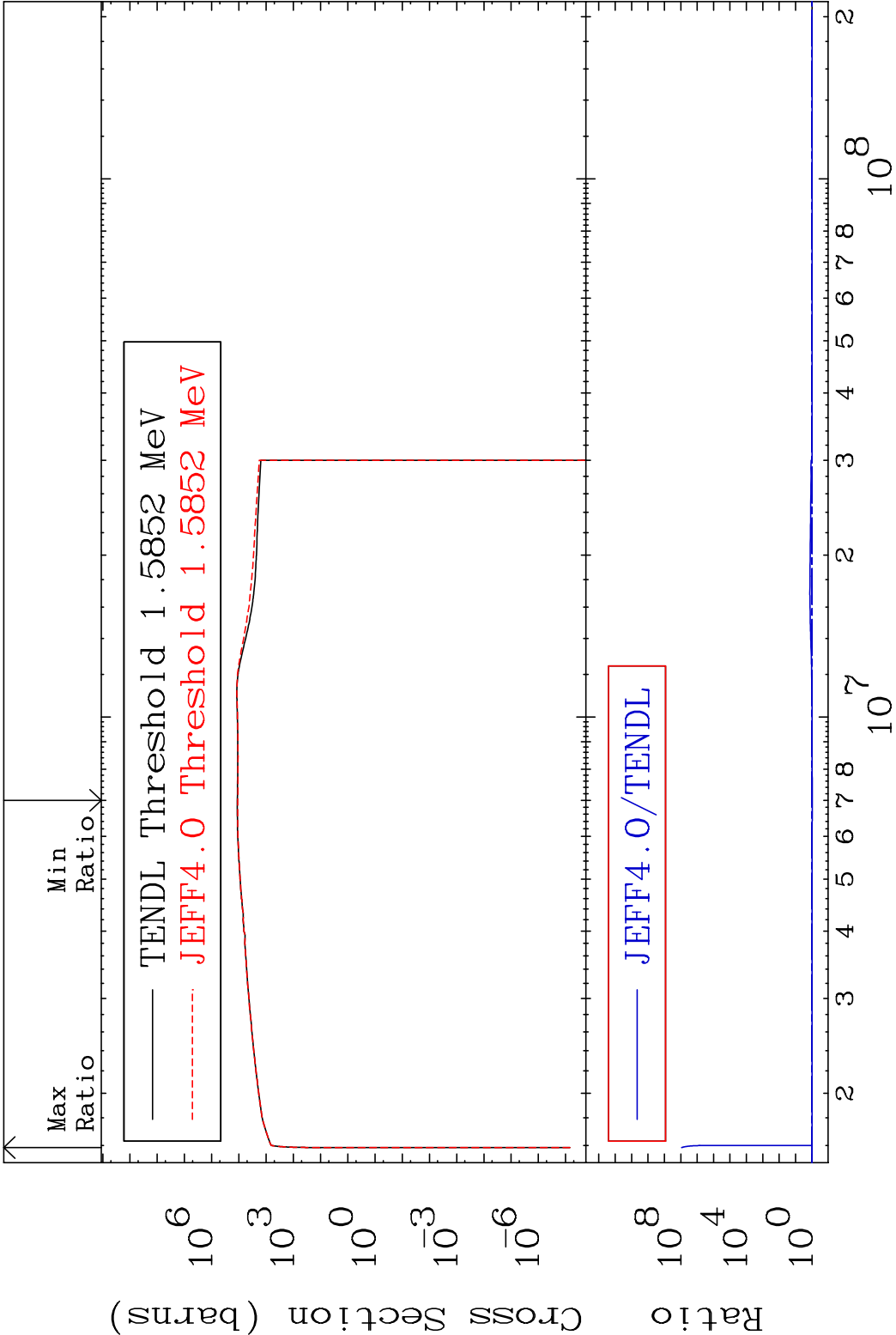
MAT 2237 Total kinematic kerma (high limit) 22-Ti-50
Cross Section -93.08 To 658.5 %



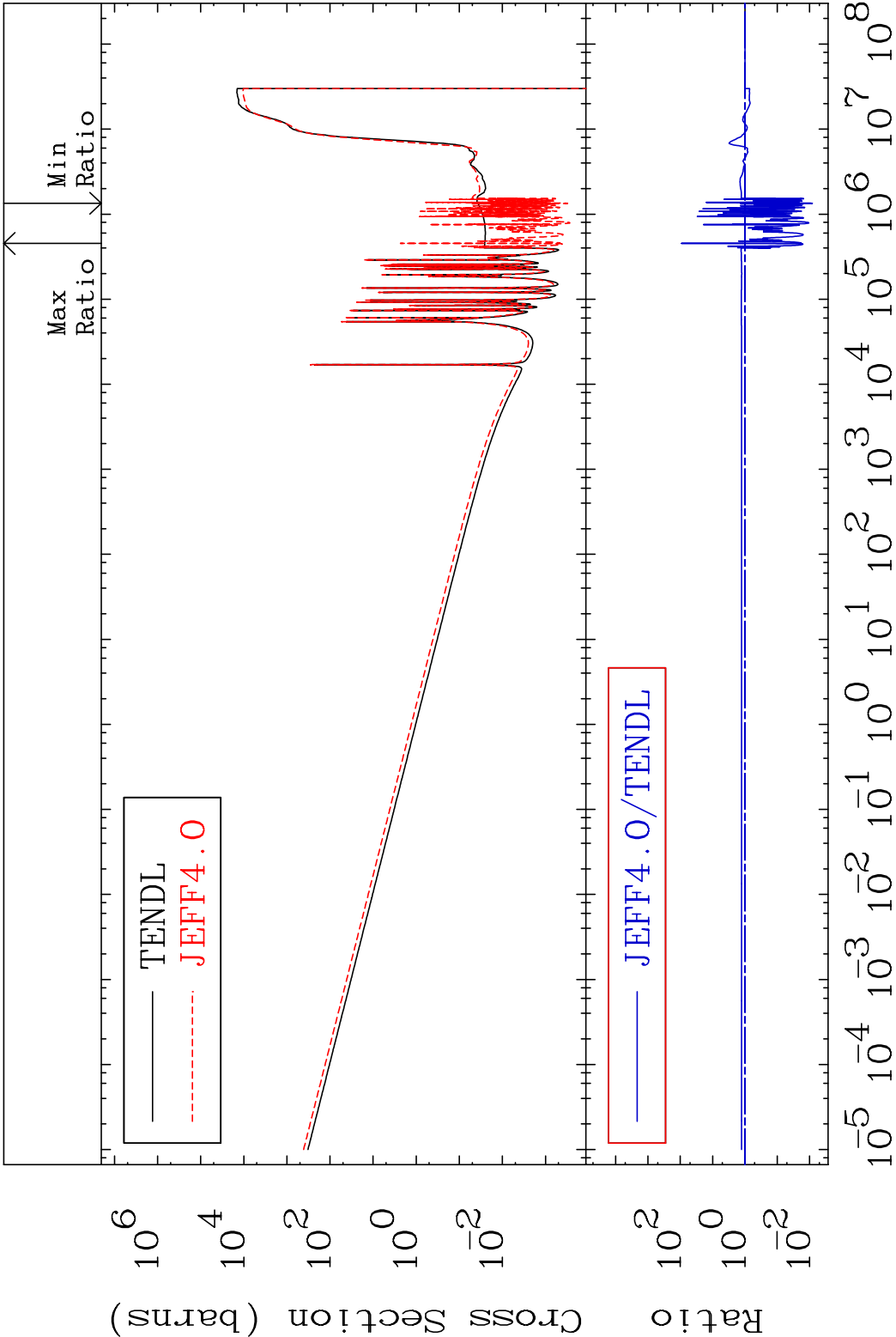


MAT 2237	Dpa elastic (mt2)	22-Ti-50
	Cross Section	-93.08 To 658.4 %





MAT 2237 Dpa disappearance (mt102 -120) 22-Ti-50
Cross Section -99.17 To 9041. %



73 Incident Energy (eV) 22-Ti-50

