

Program Complot
(Version 2021-1)

by

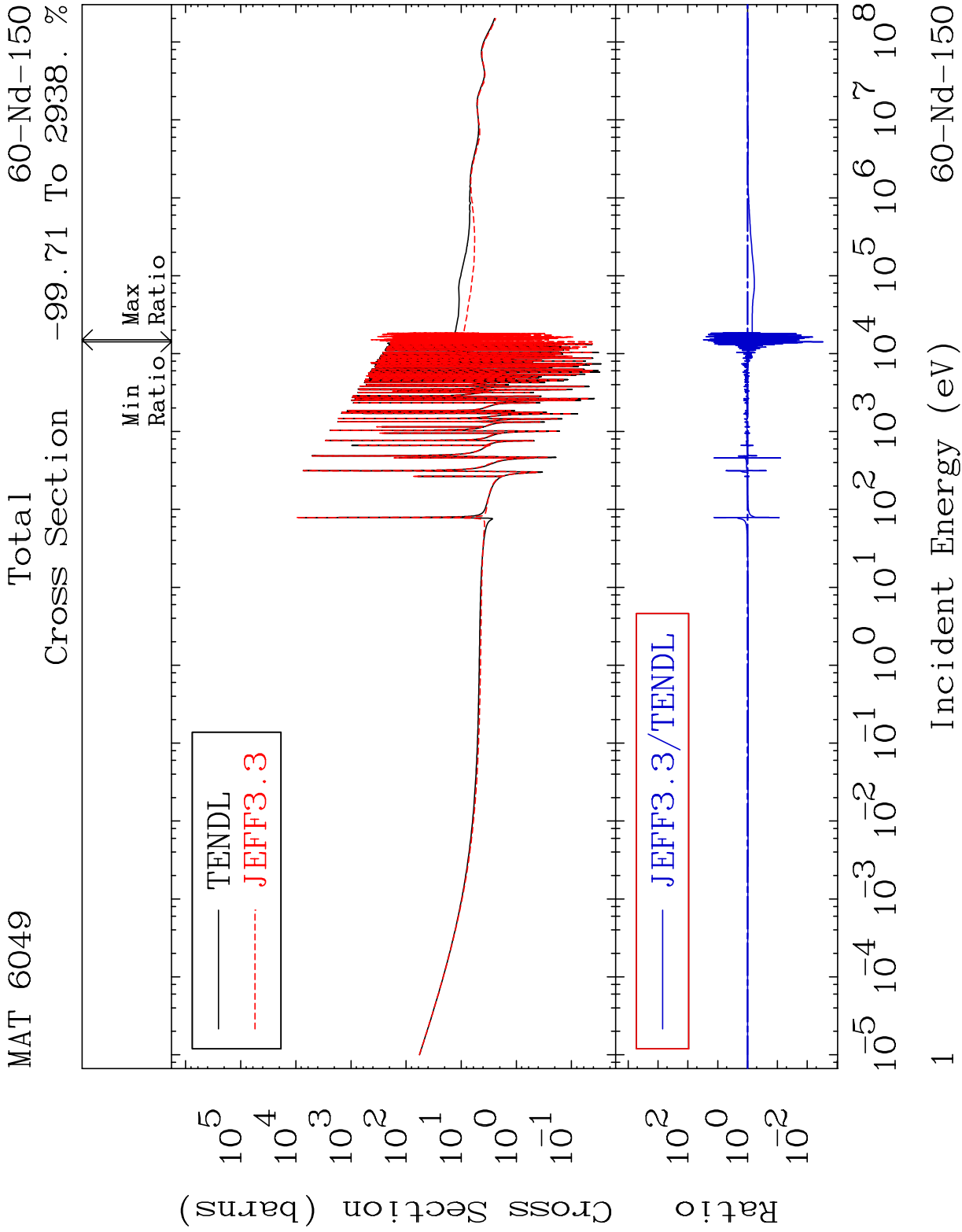
Dermott E. Cullen
(Present Contact Information)

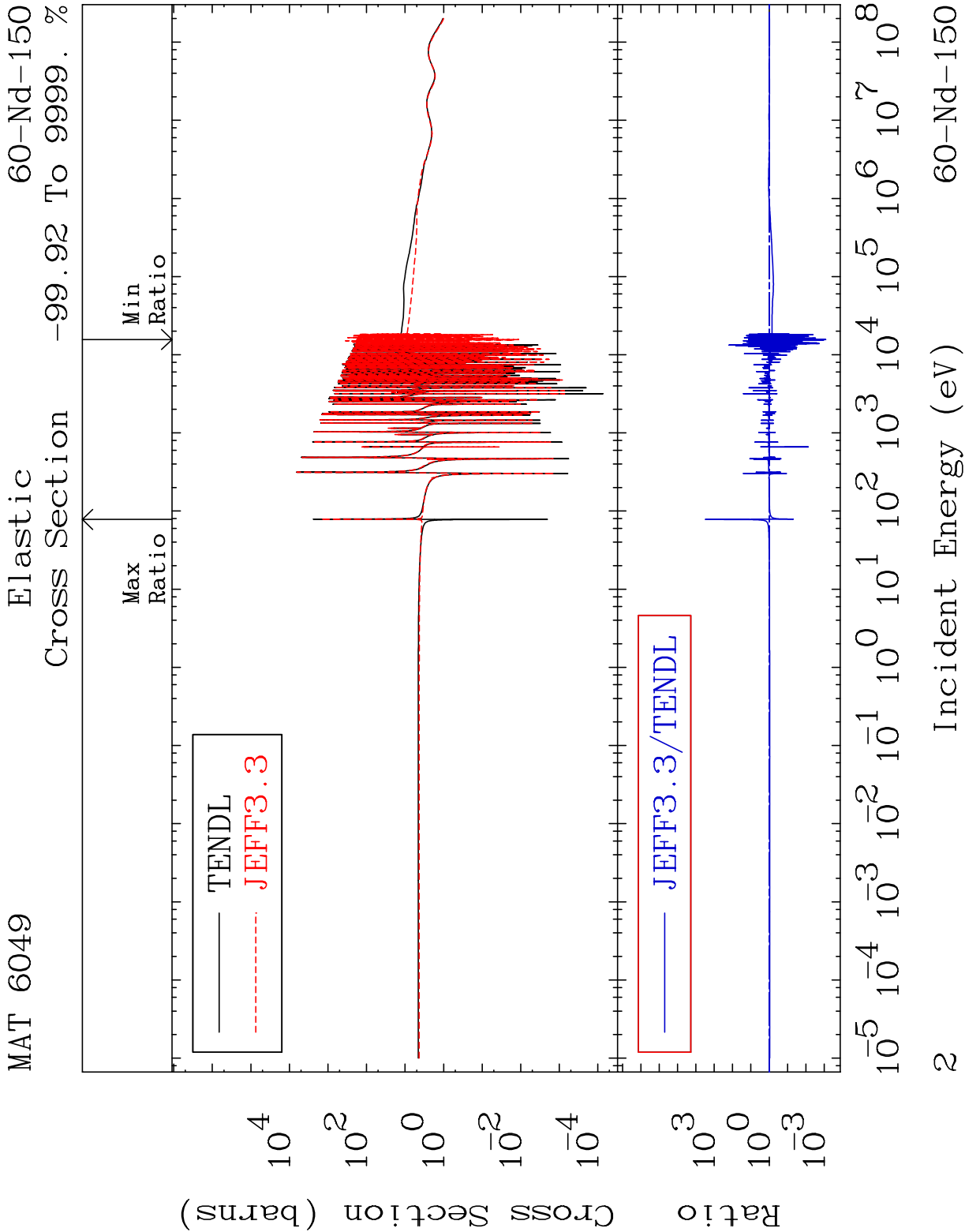
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Press Mouse Button to Start



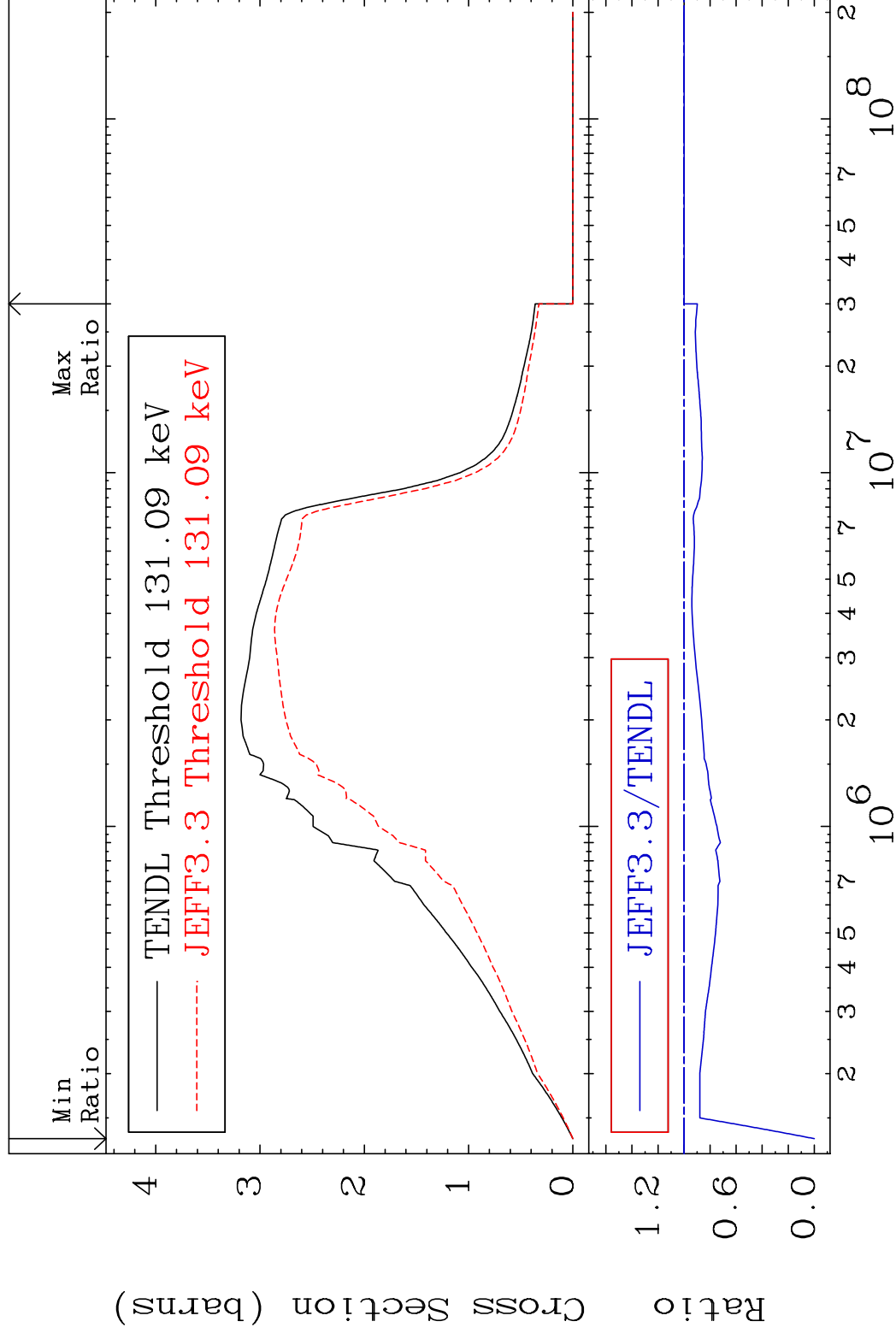


MAT 6049

Inelastic

60-Nd-150

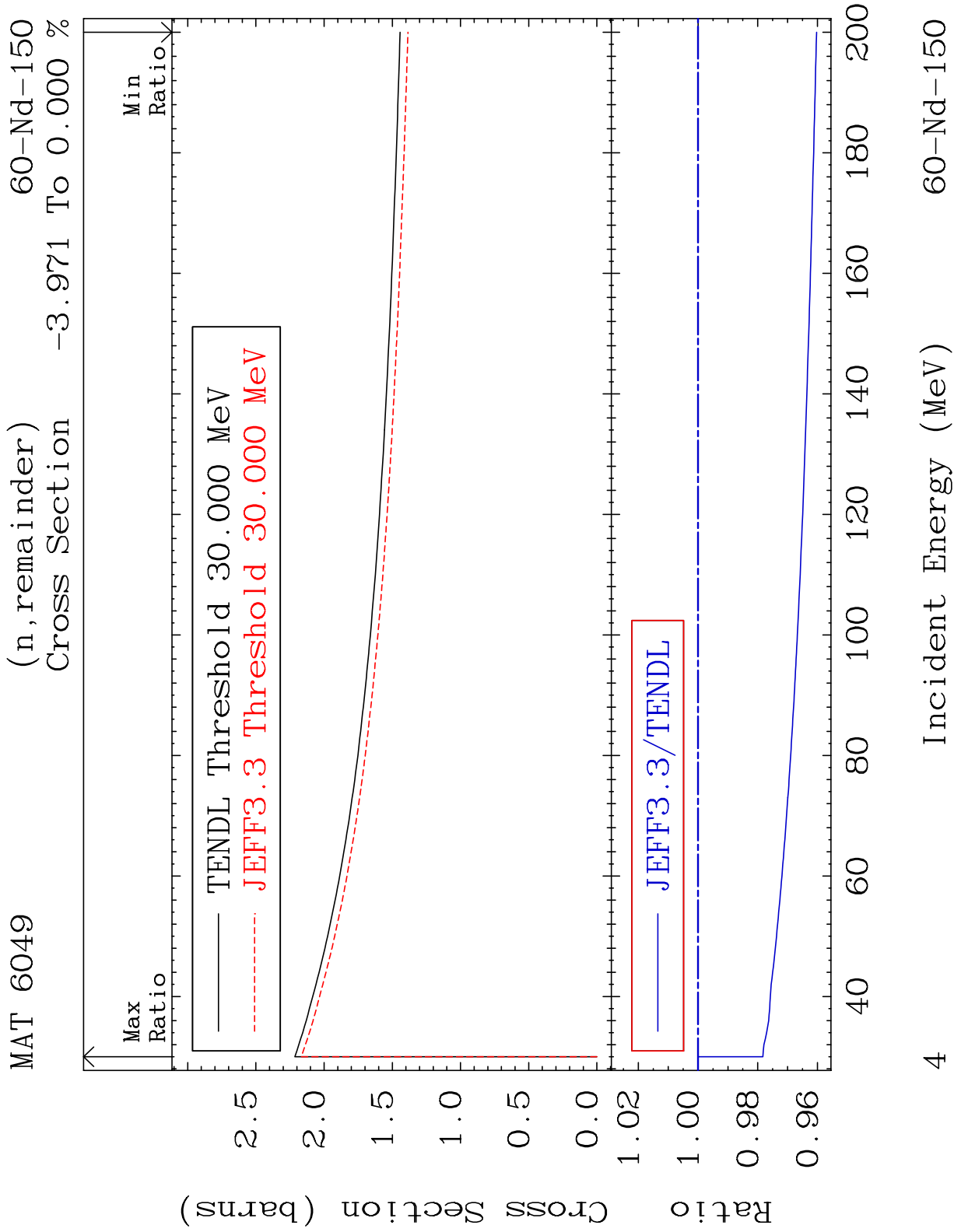
Cross Section	-100.0 To 0.000 %

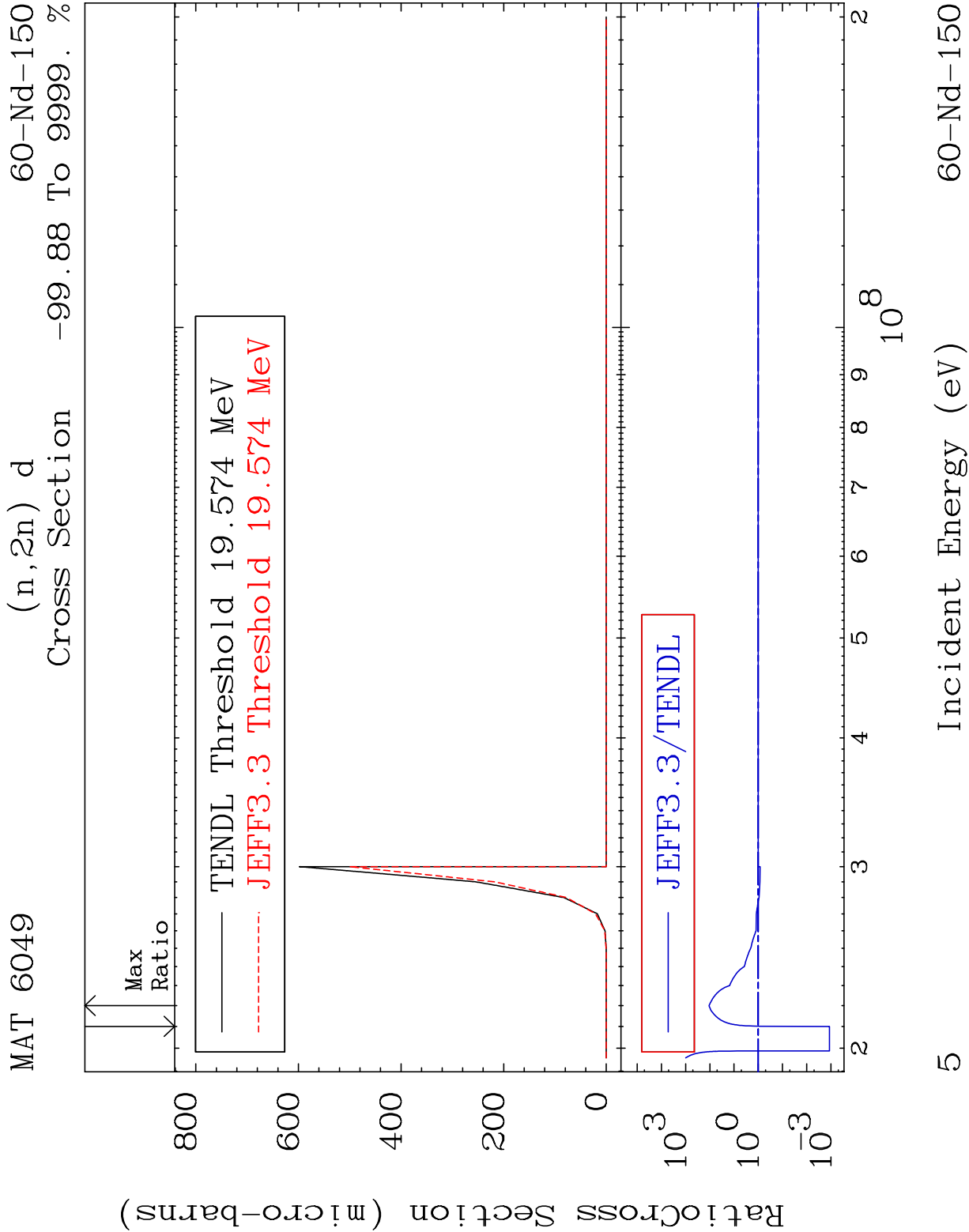


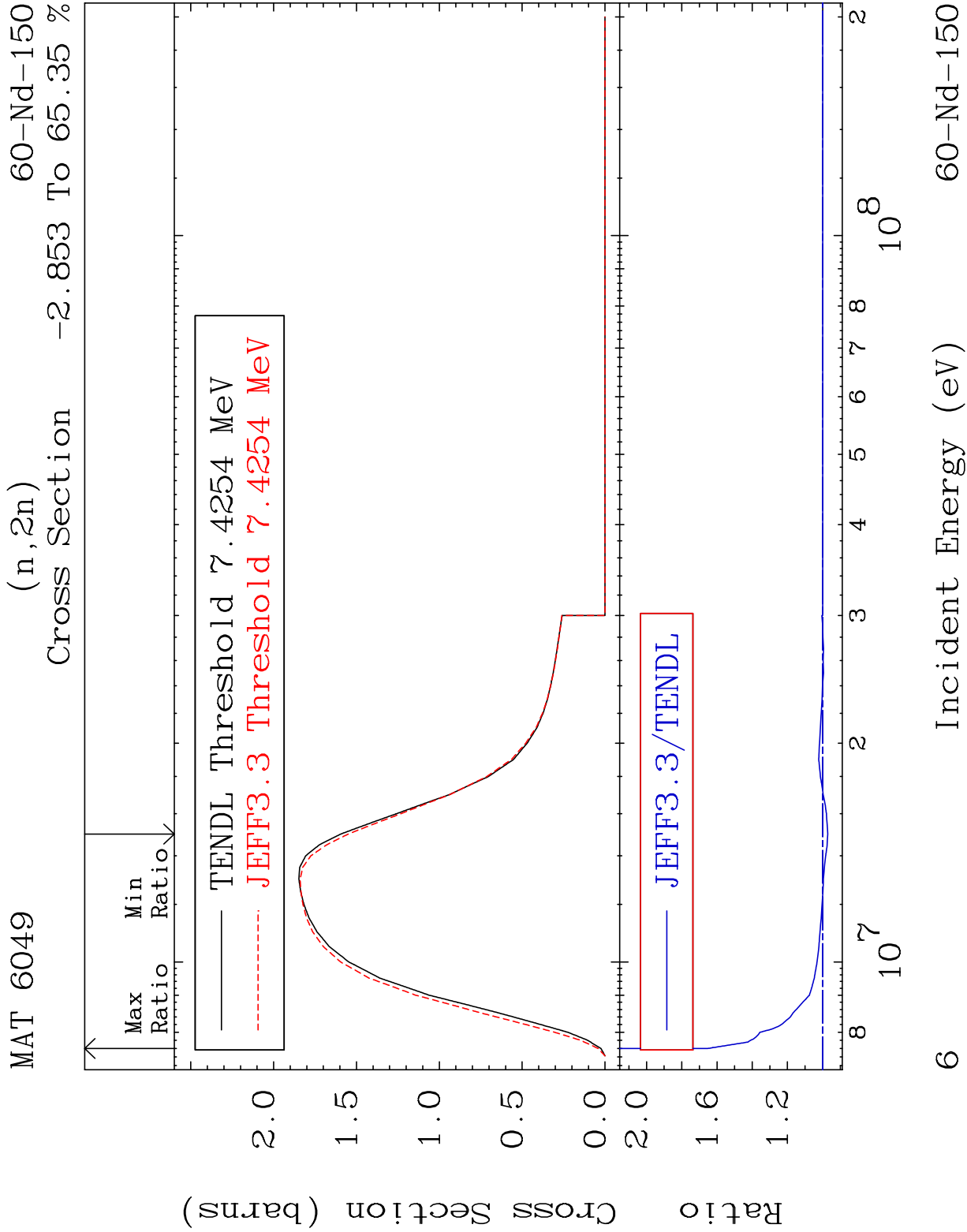
3

Incident Energy (eV)

60-Nd-150





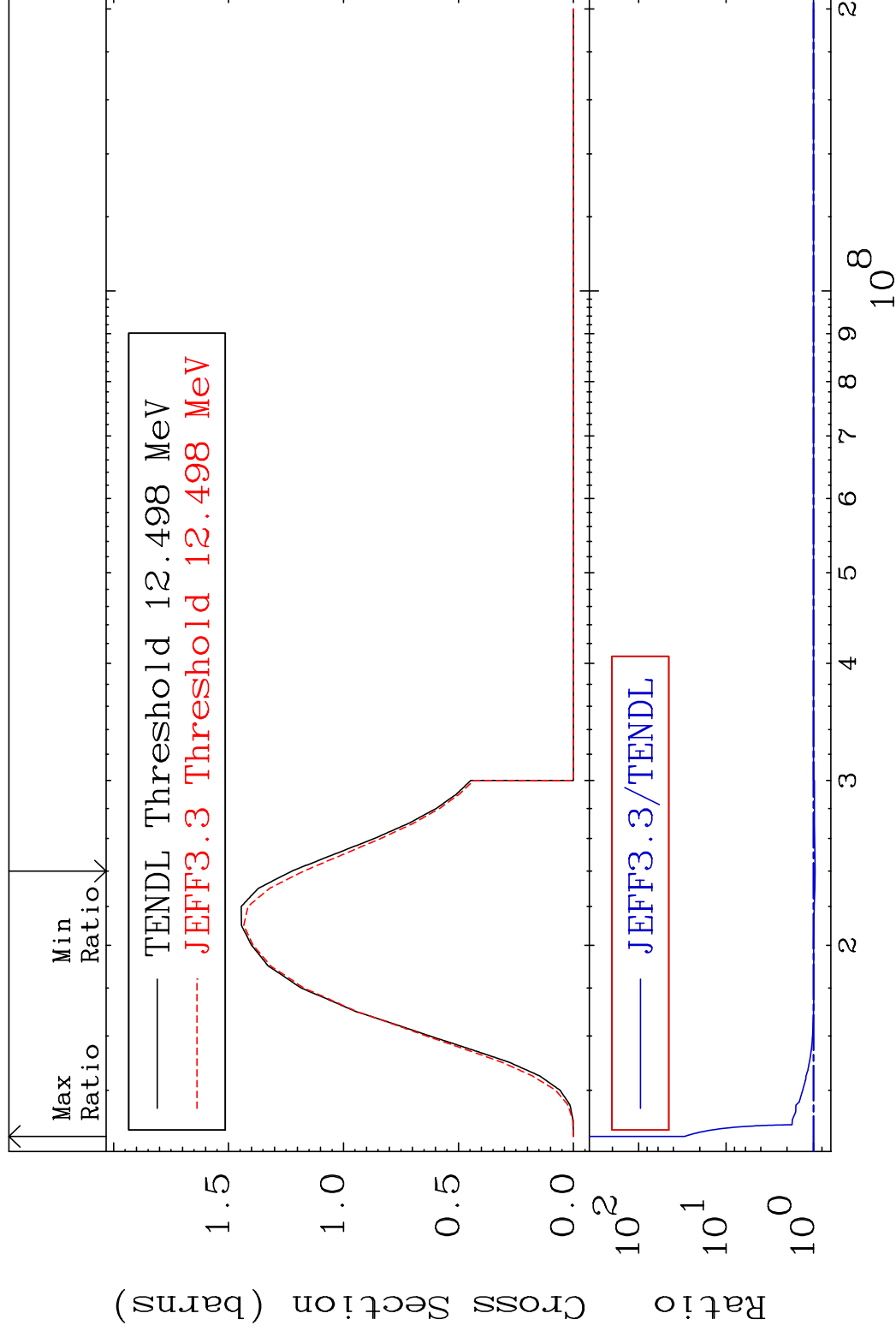


MAT 6049

$$(n, 3n)$$

60-Nd-150

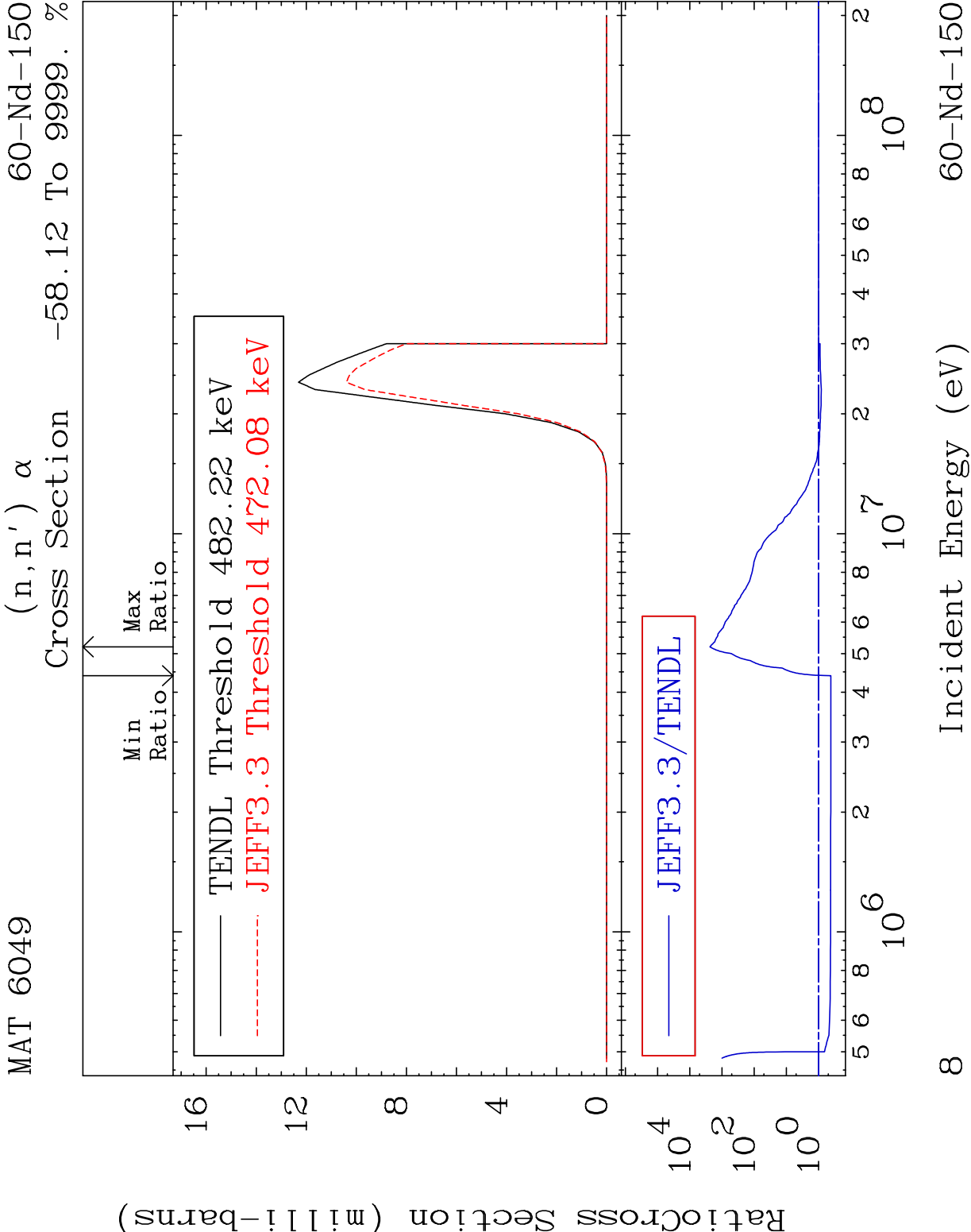
Cross Section -4.244 To 2872. %

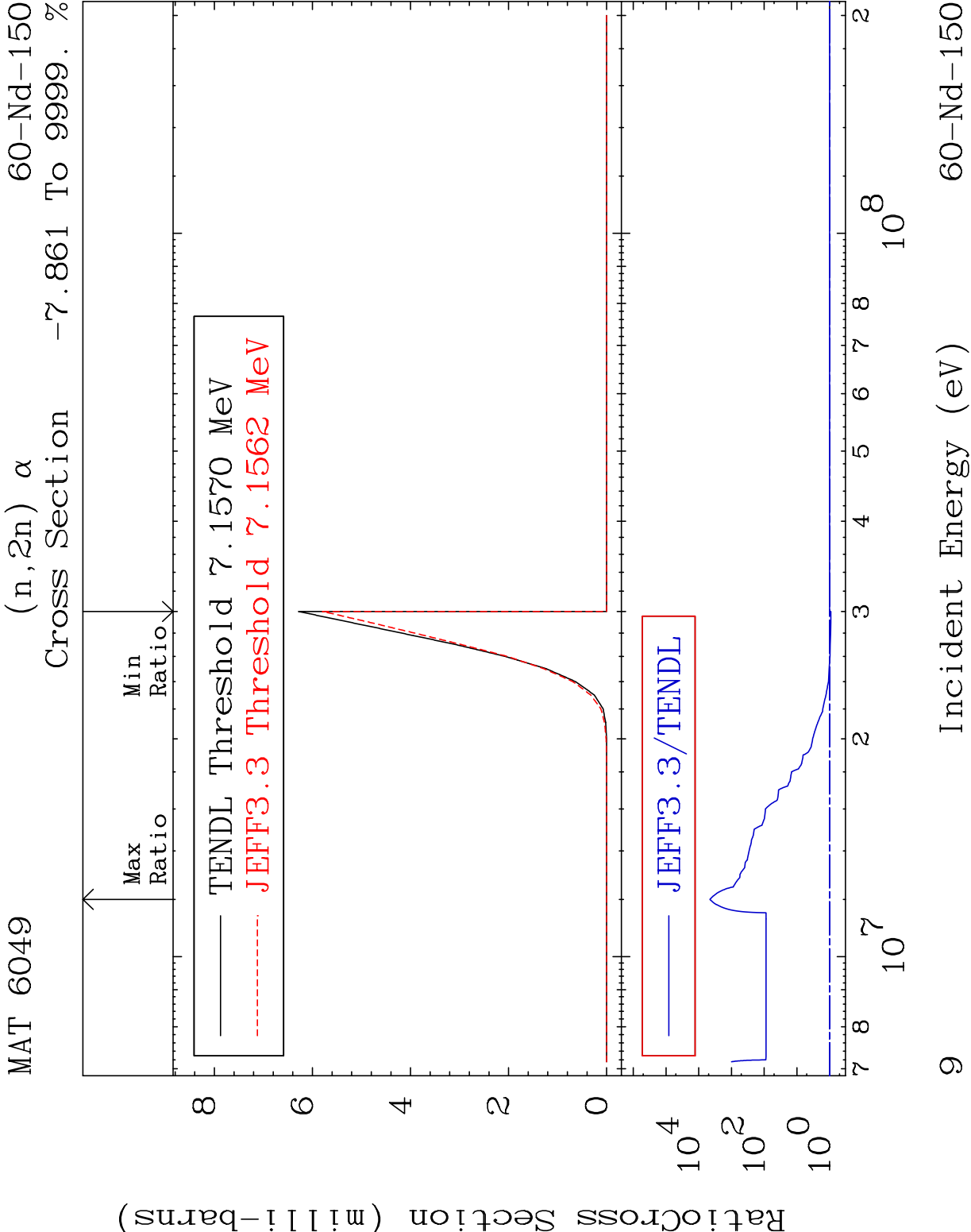


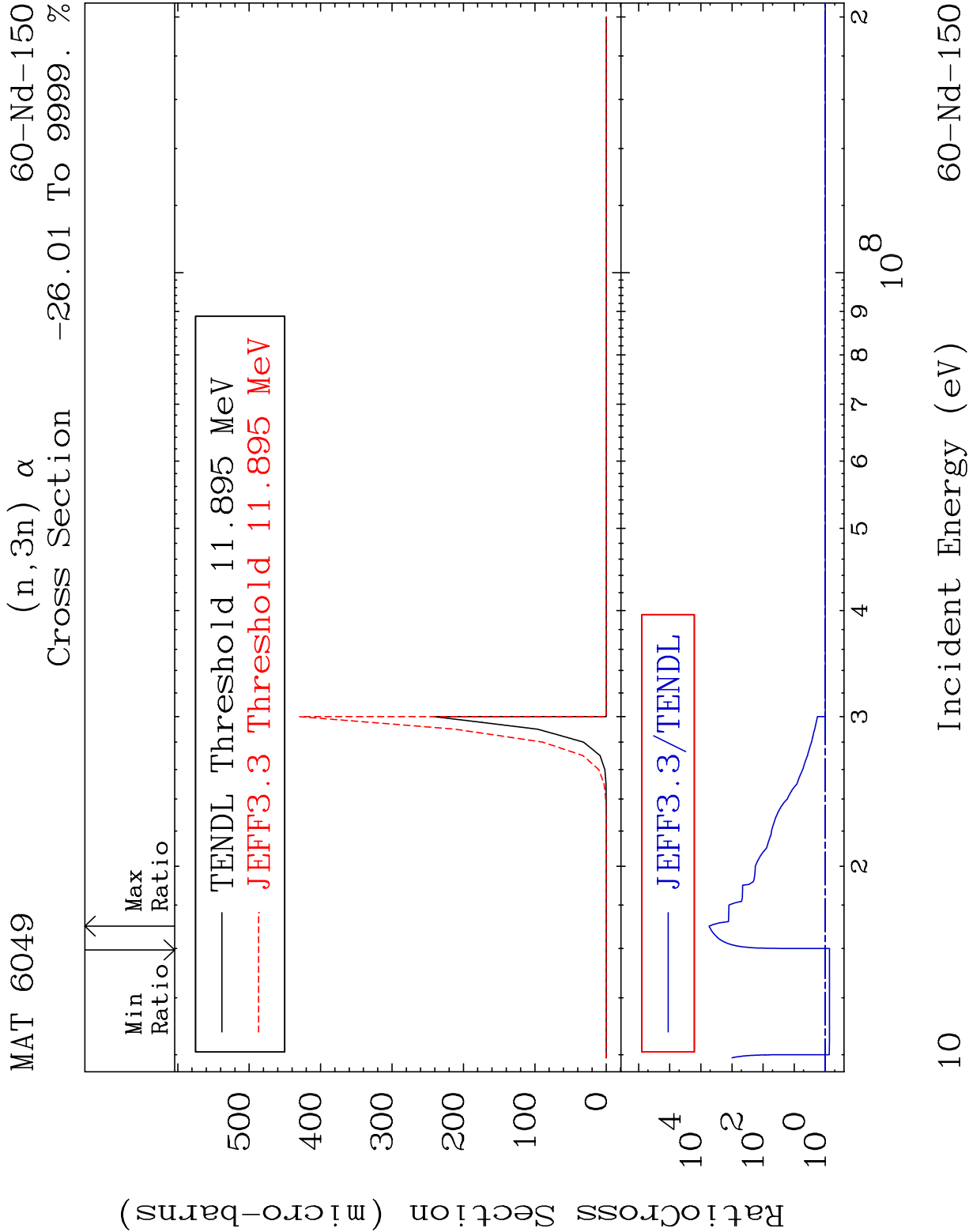
2

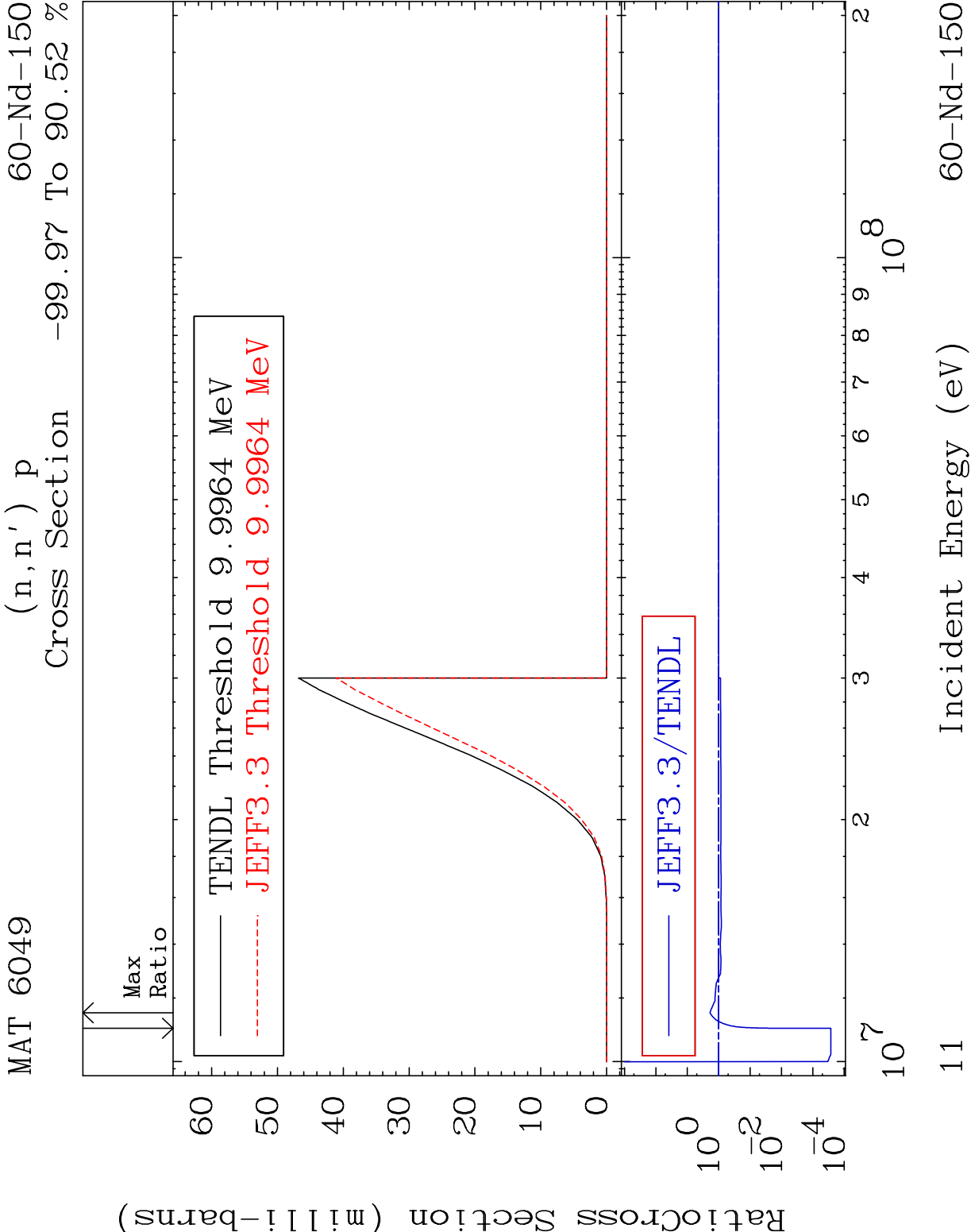
Incident Energy (eV)

60-Nd-150







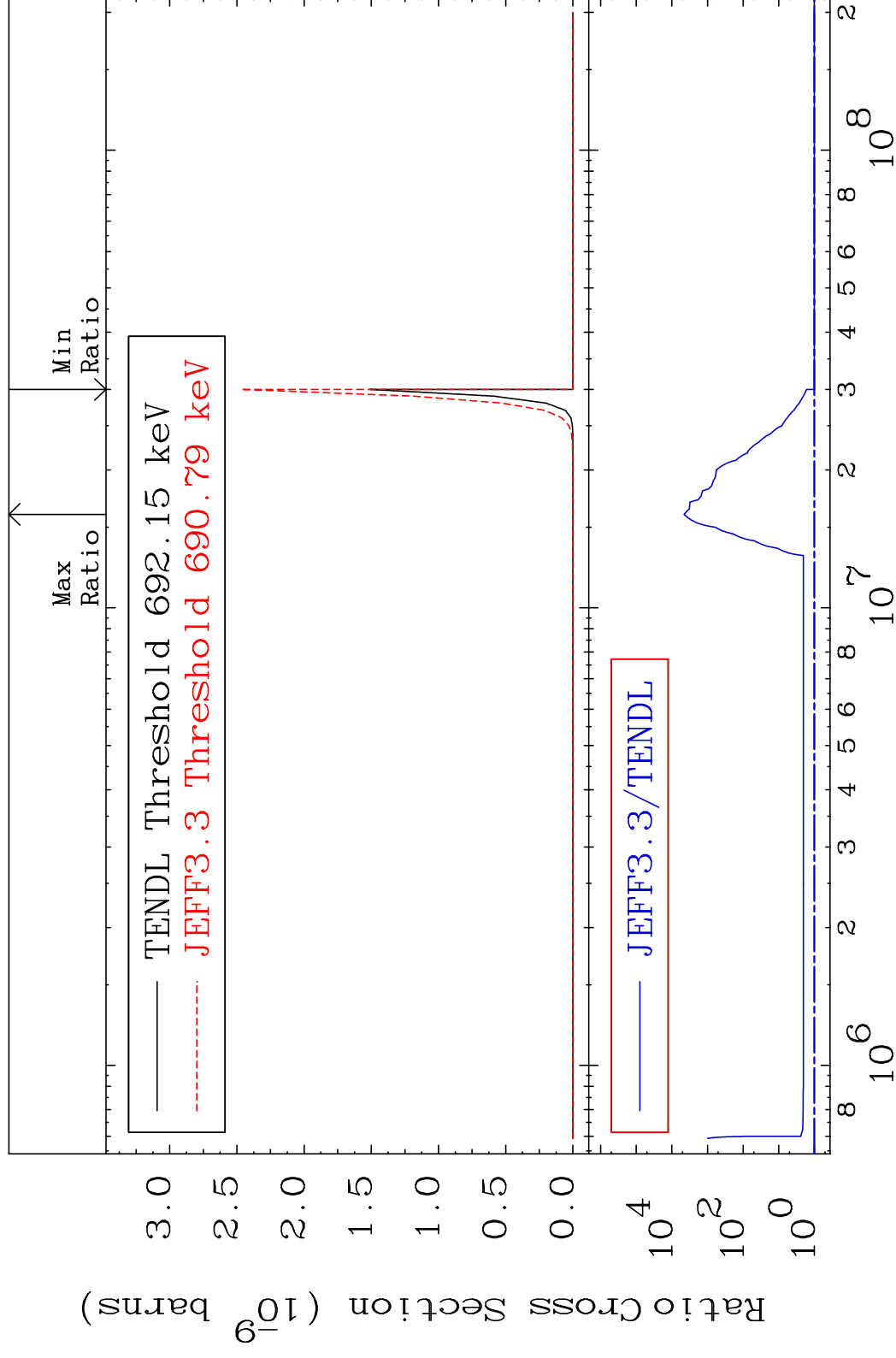


MAT 6049

$$(n, n') 2\alpha$$

60-Nd-150

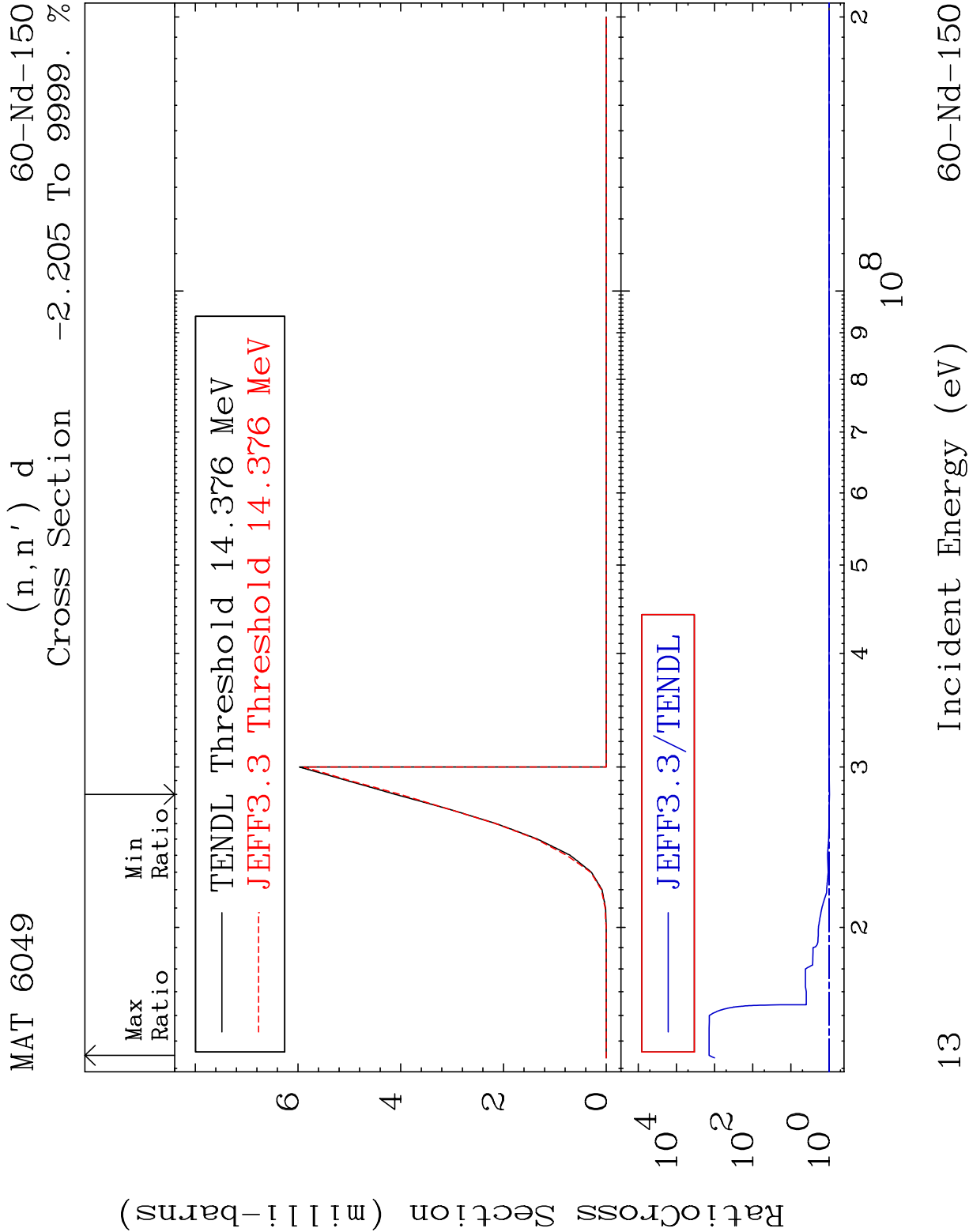
Cross Section 0.000 To 9999. %

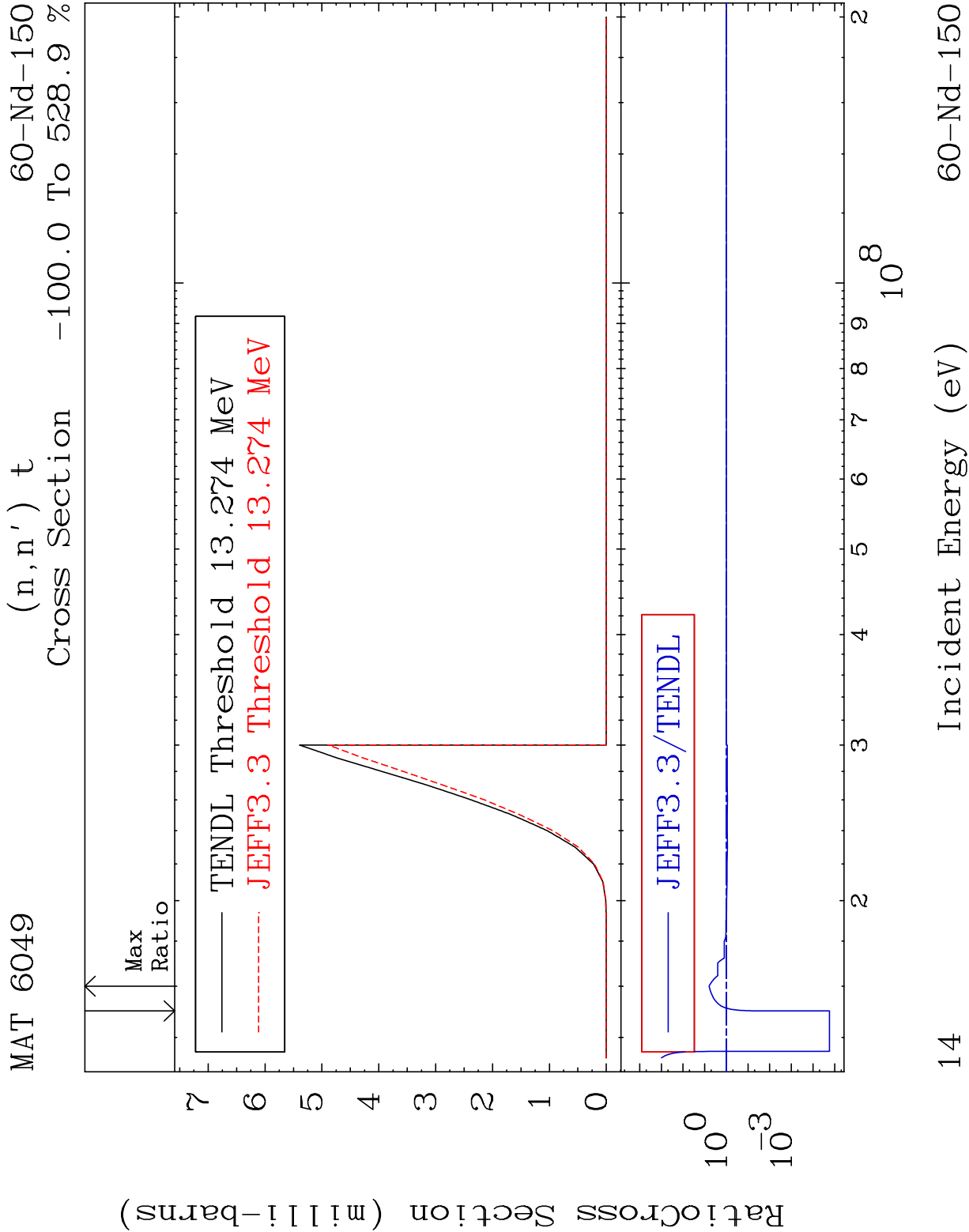


12

Incident Energy (eV)

60-Nd-150



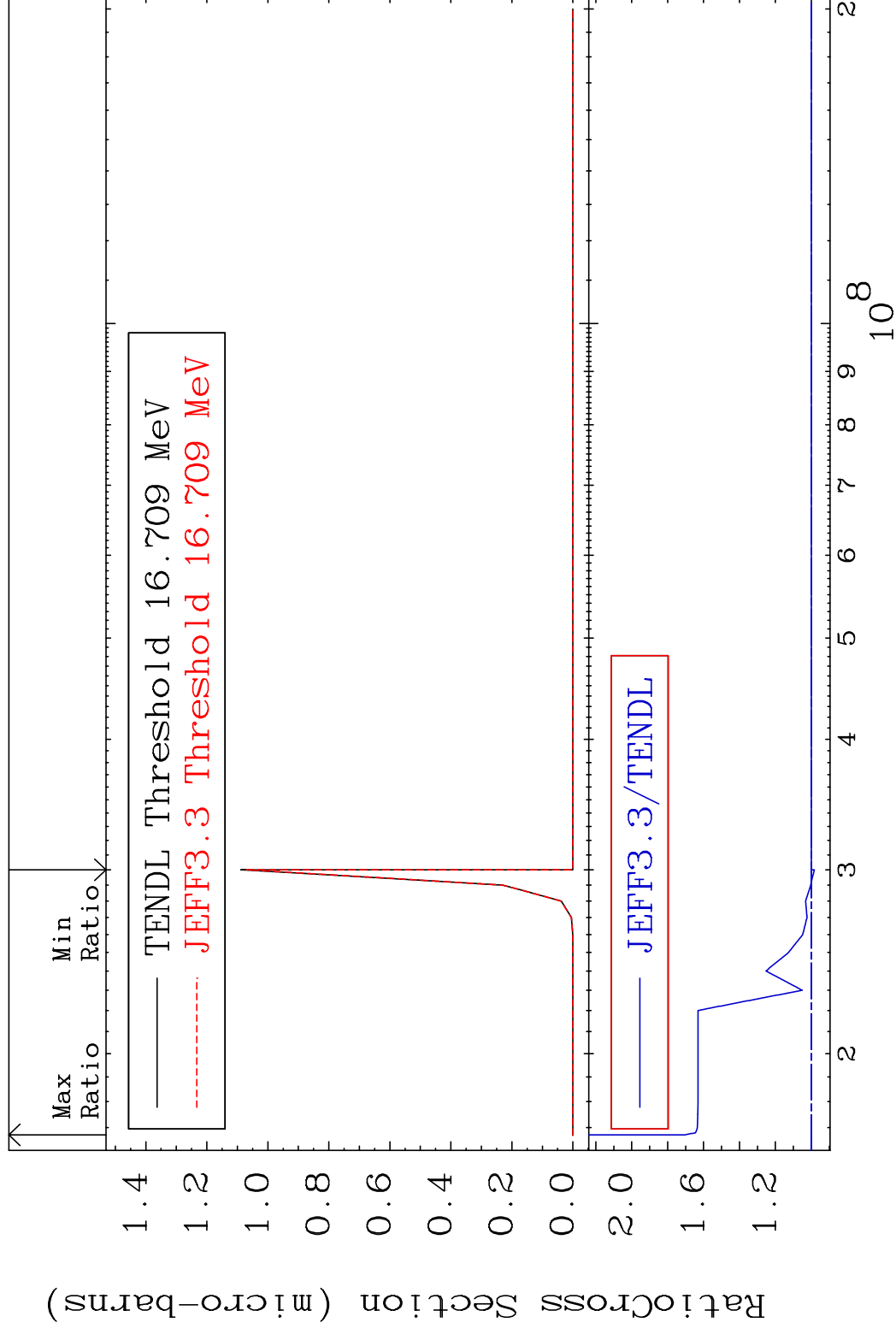


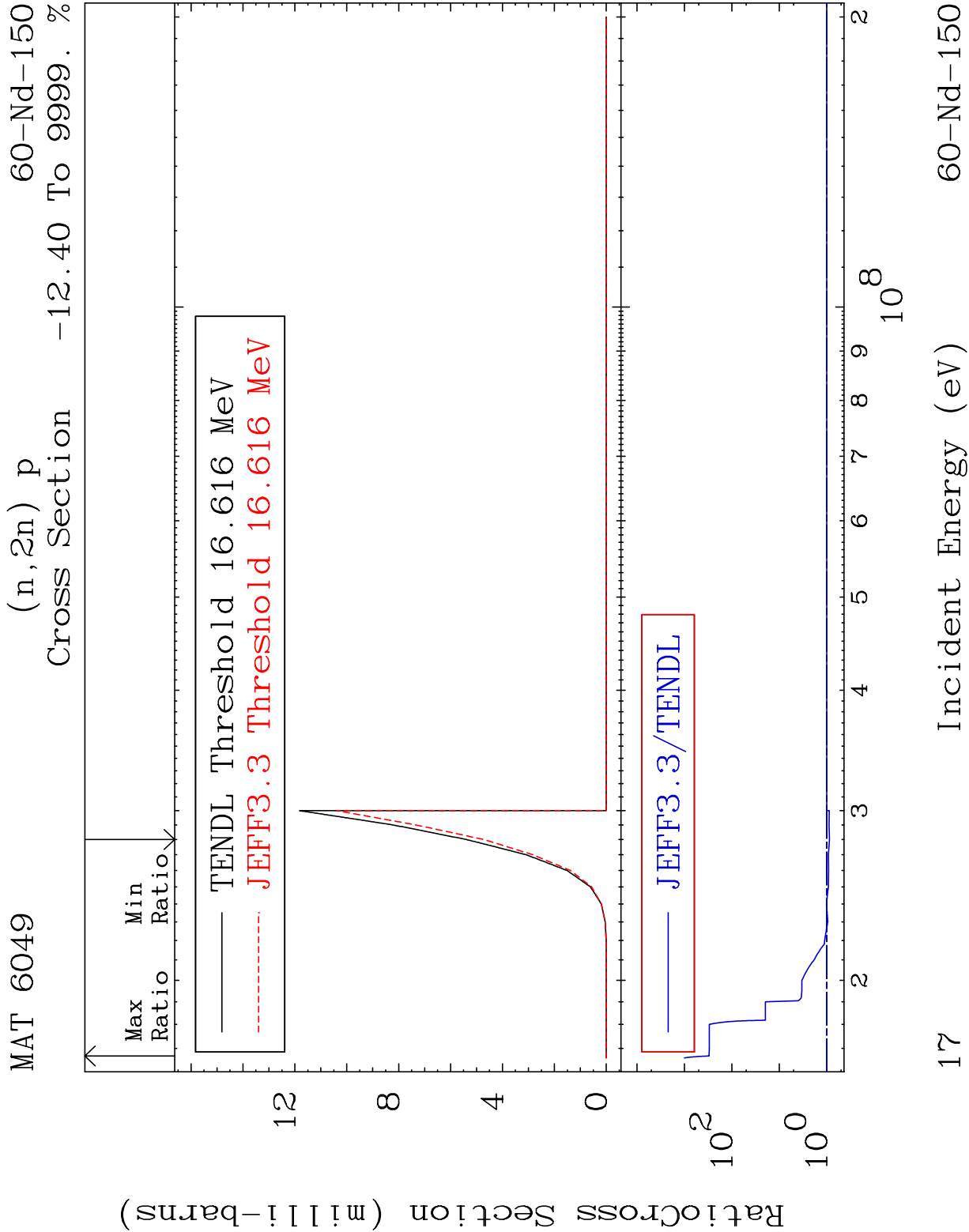
MAT 6049

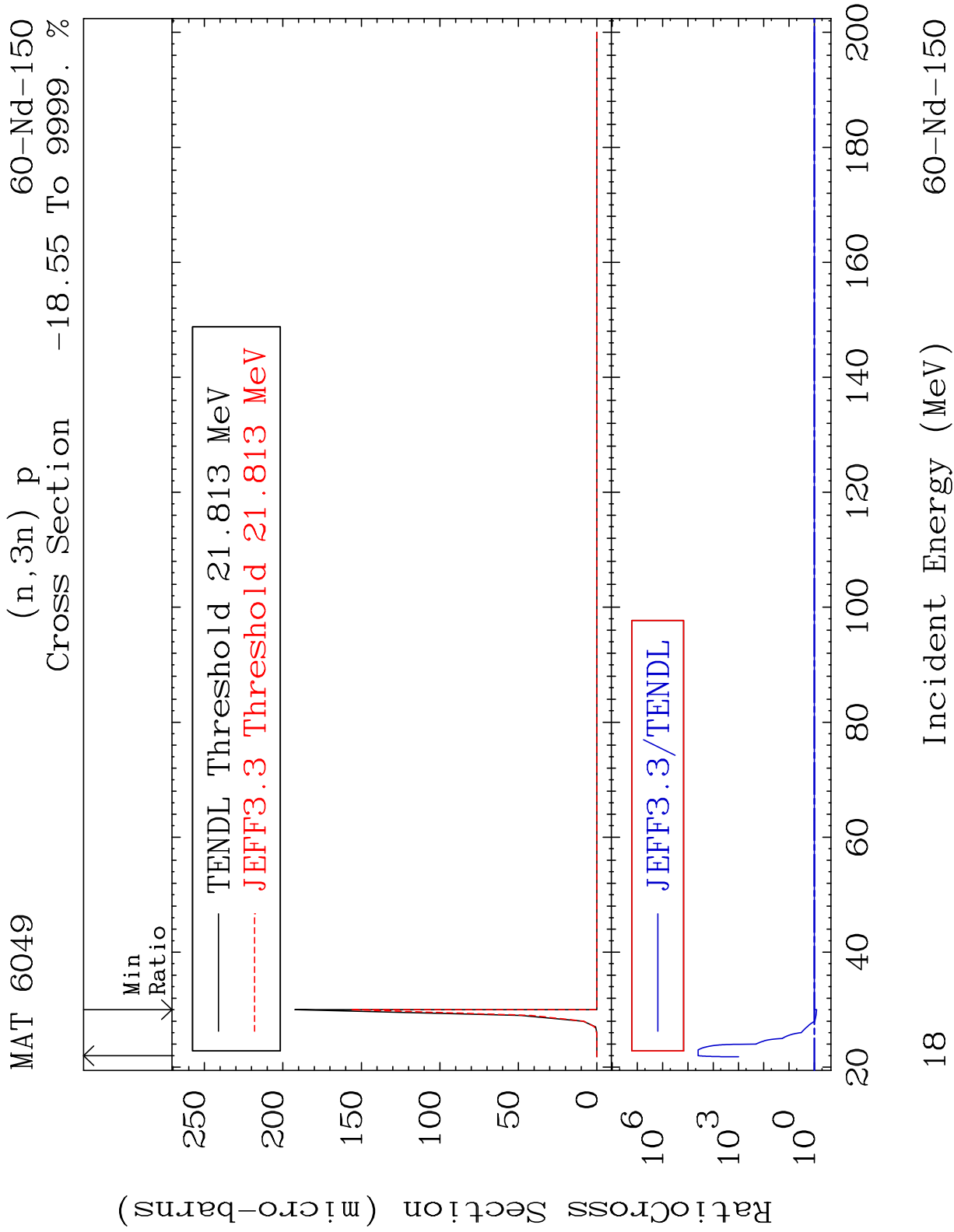
 $(n, n') \text{ He-3}$

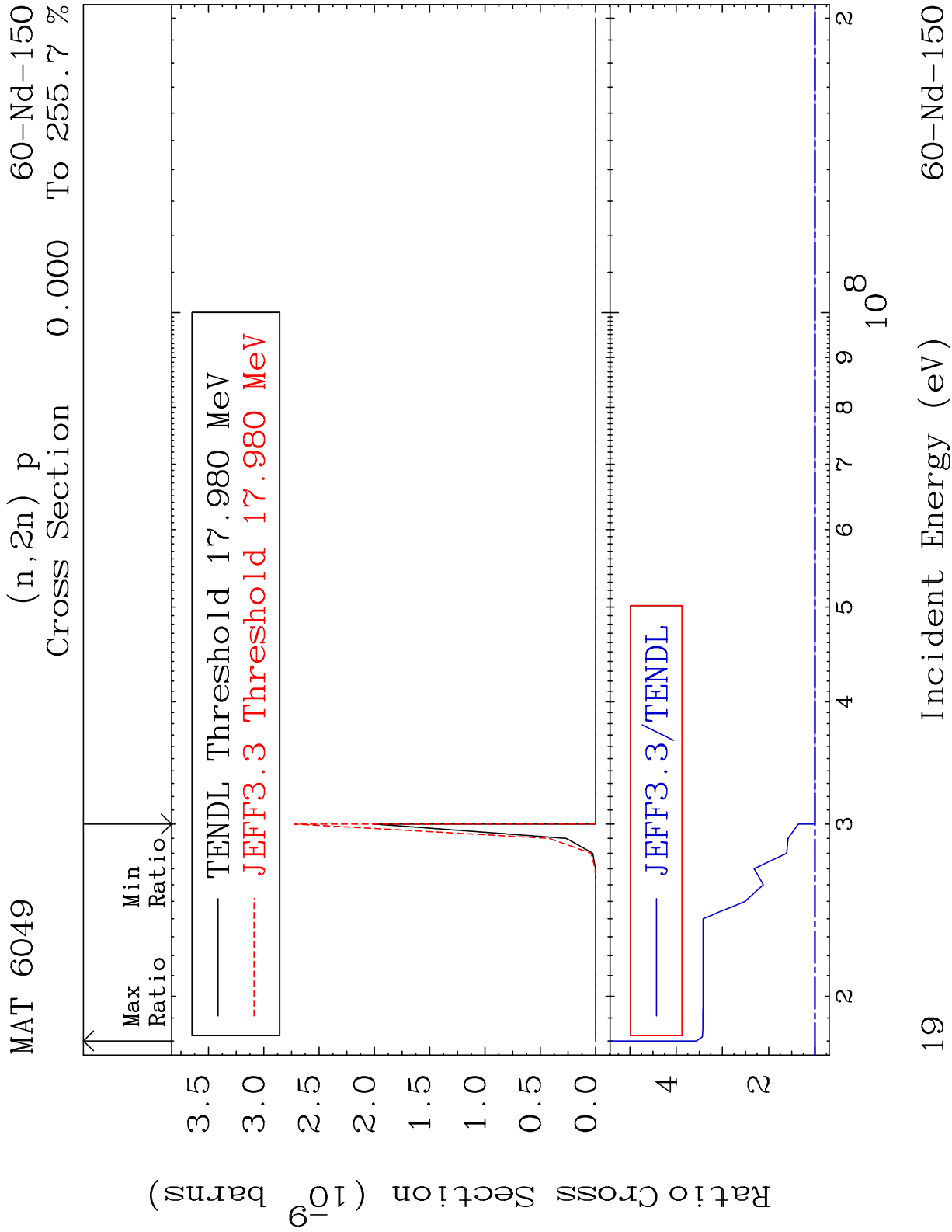
60-Nd-150

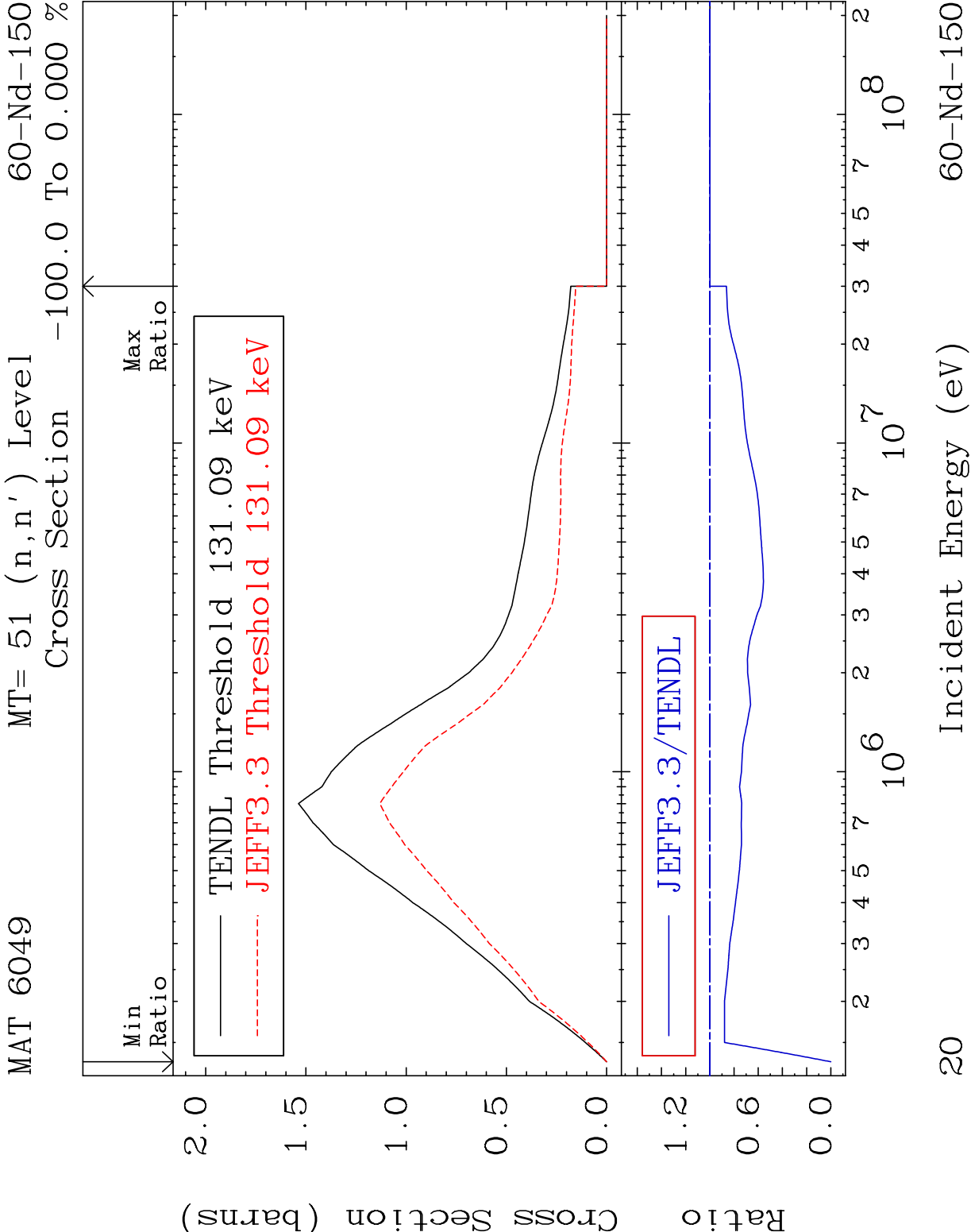
Cross Section -1.644 To 70.86 %

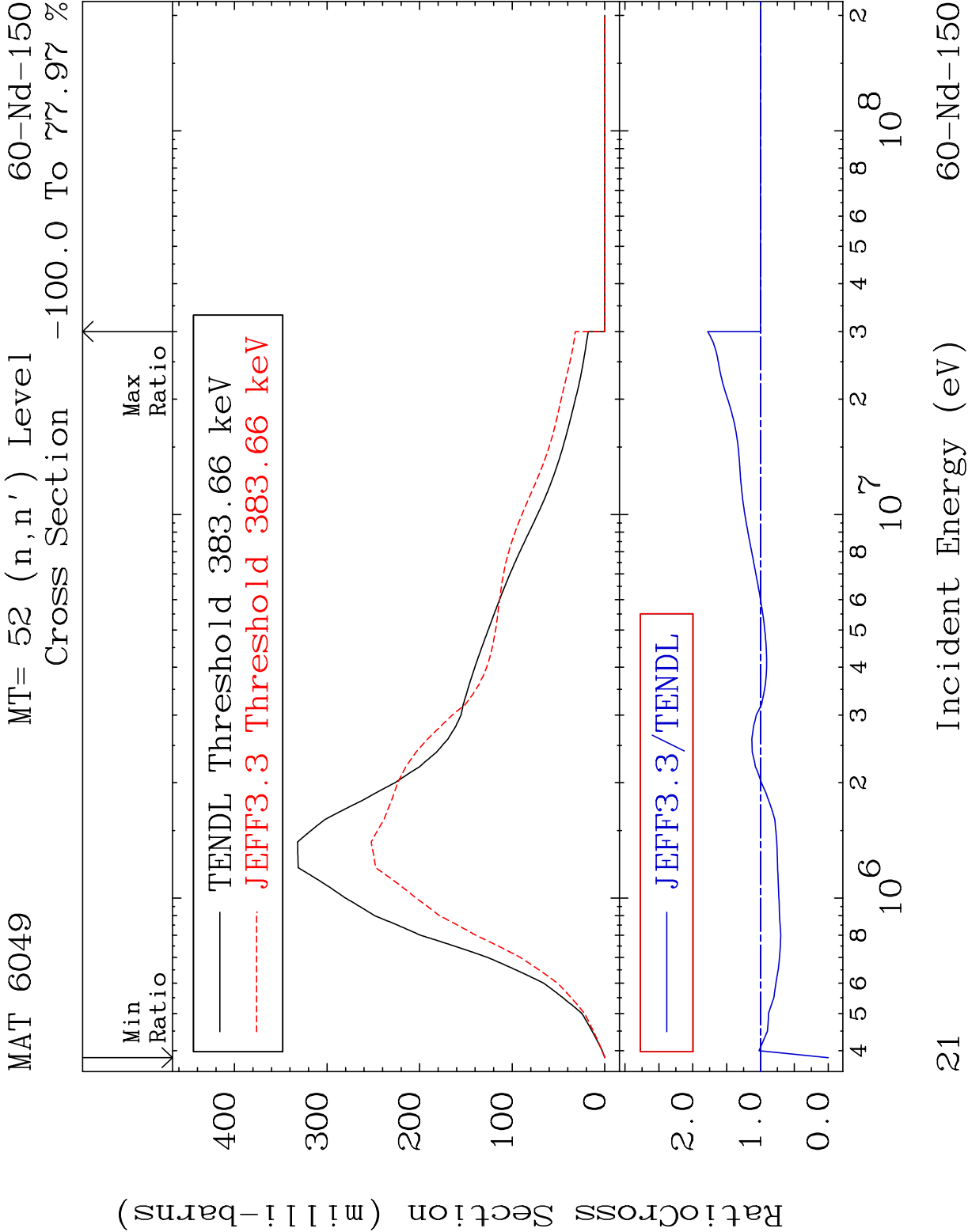












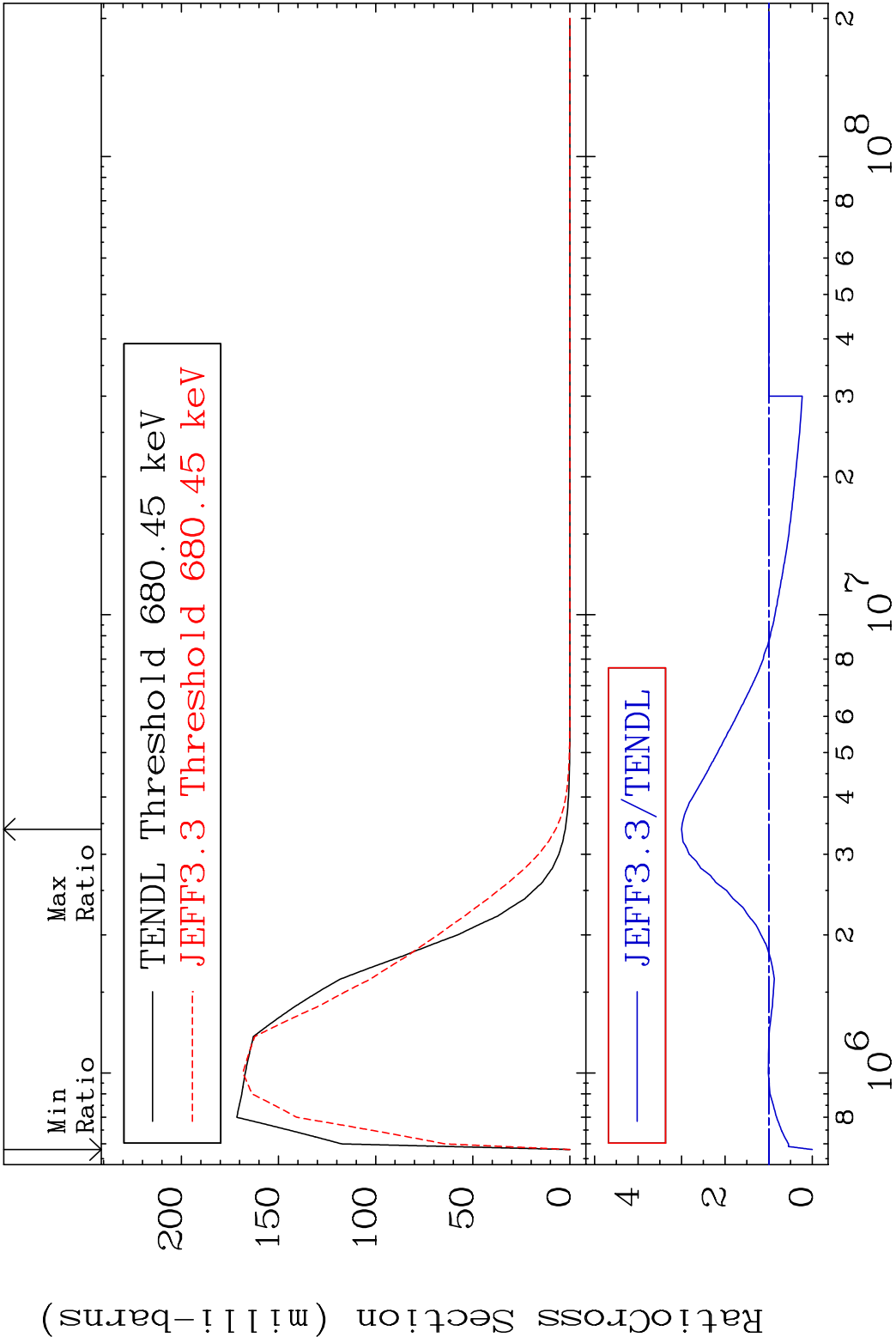
MAT 6049

MT= 53 (n,n') Level

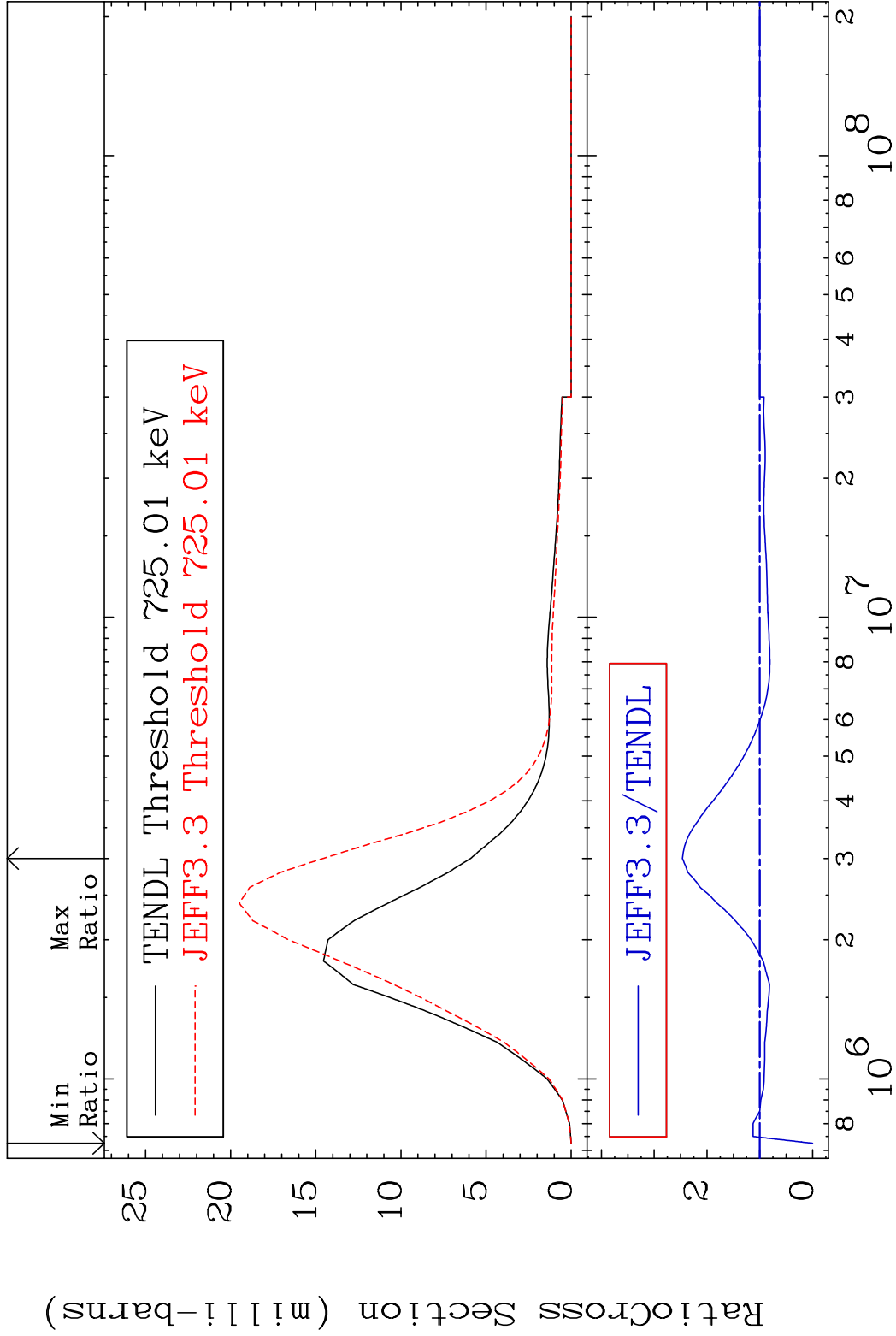
60-Nd-150

Cross Section

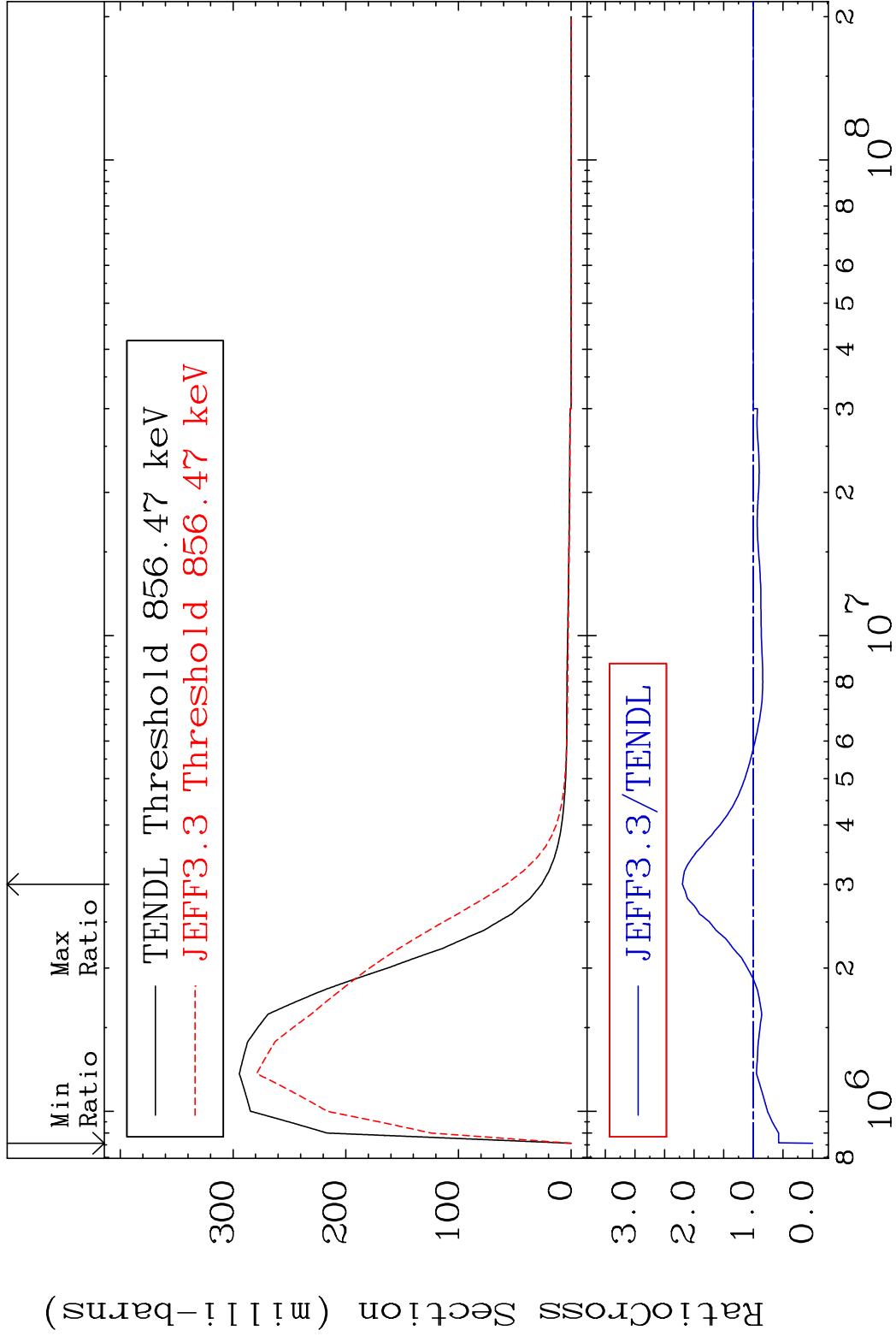
-100.0 To 200.1 %

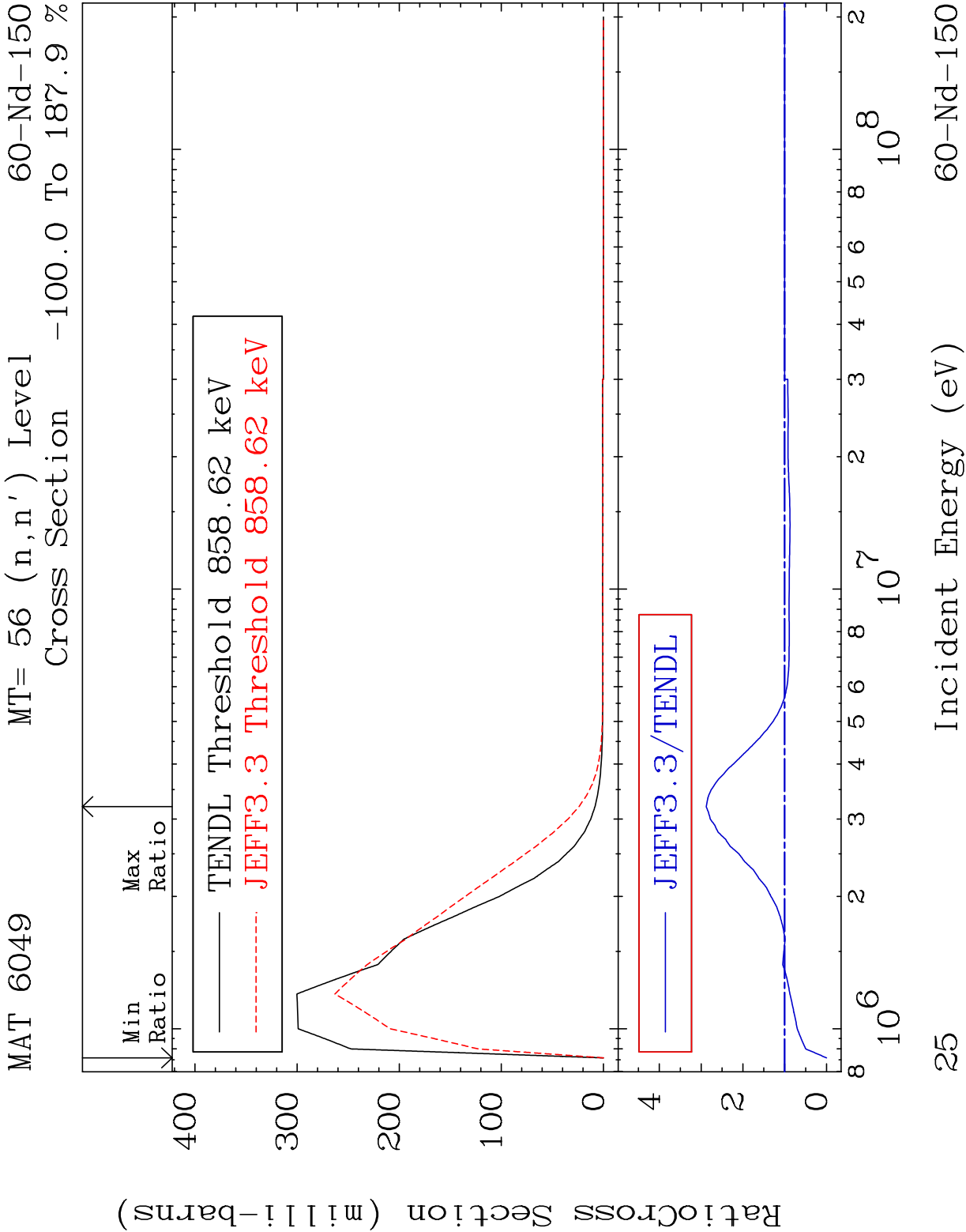


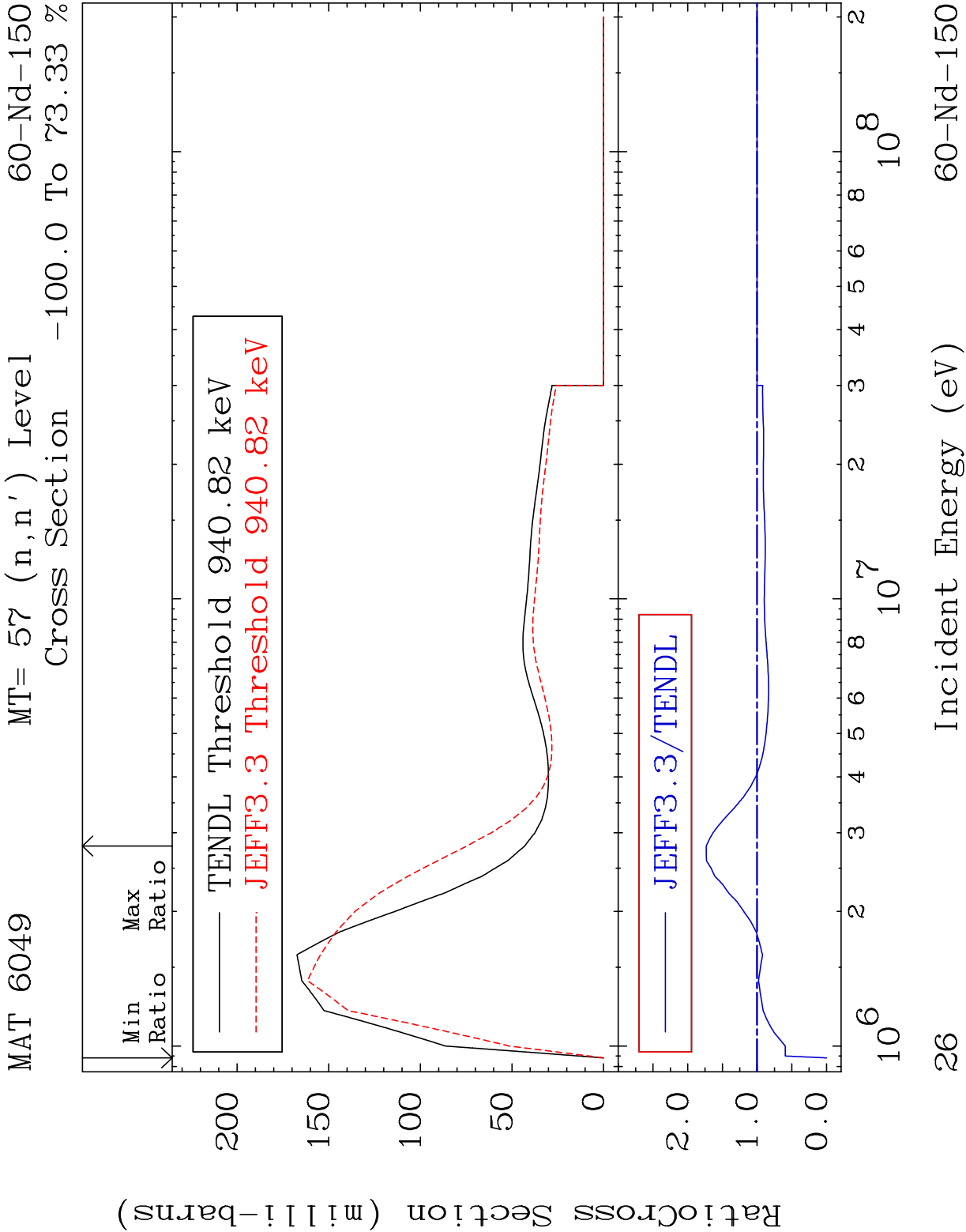
MAT 6049 MT= 54 (n,n') Level 60-Nd-150
Cross Section -100.0 To 146.7 %



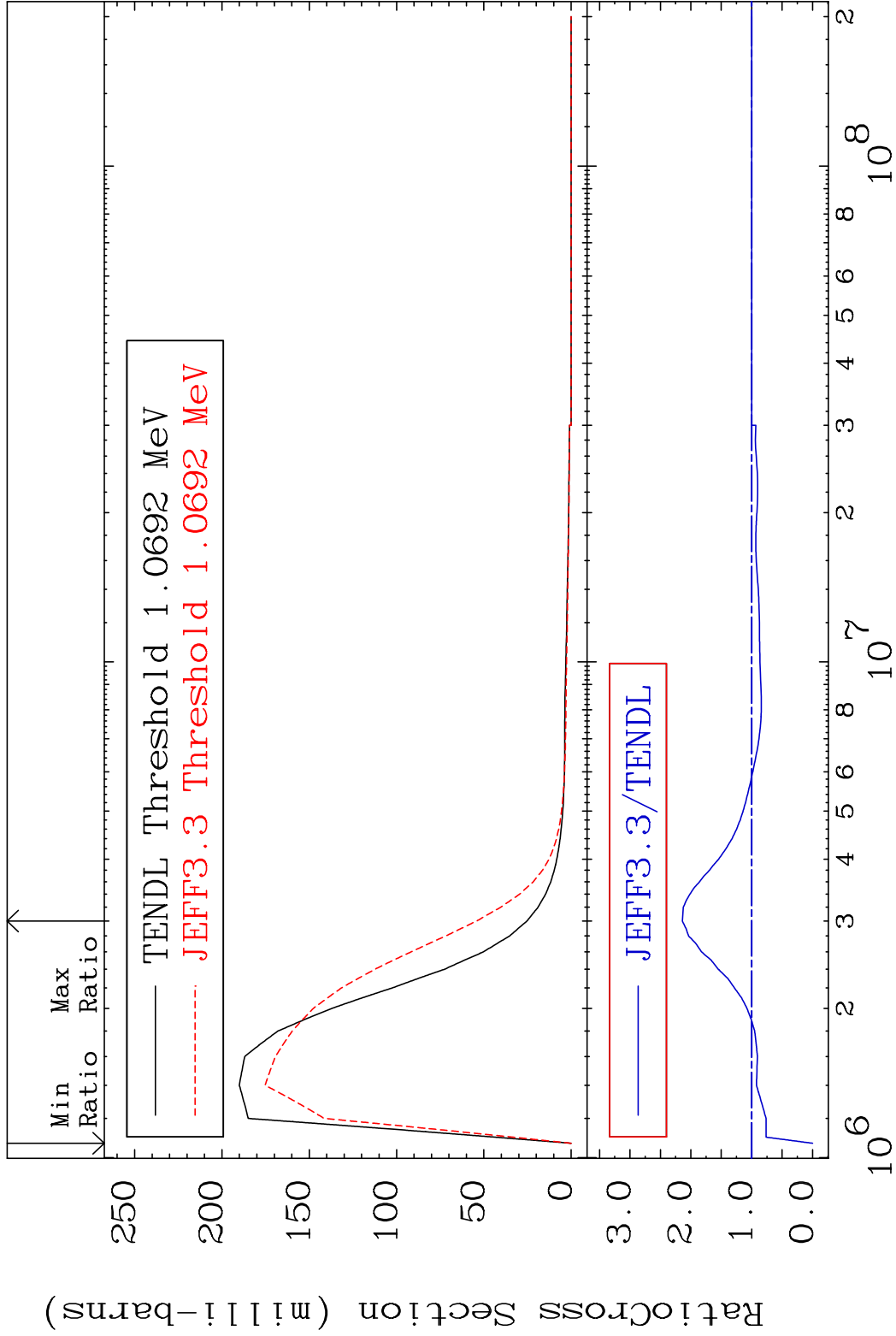
MAT 6049 MT= 55 (n,n') Level 60-Nd-150
Cross Section -100.0 To 119.9 %

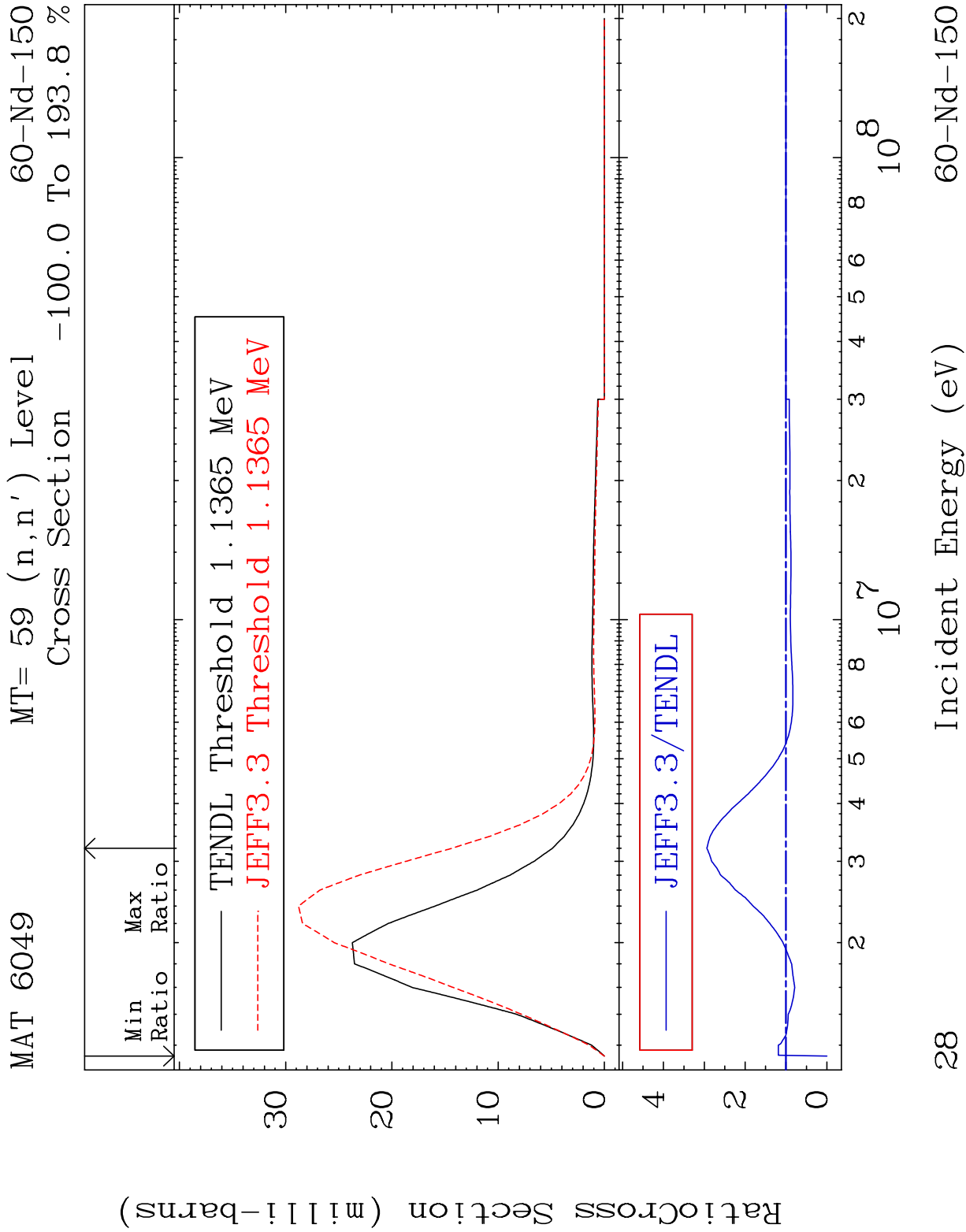


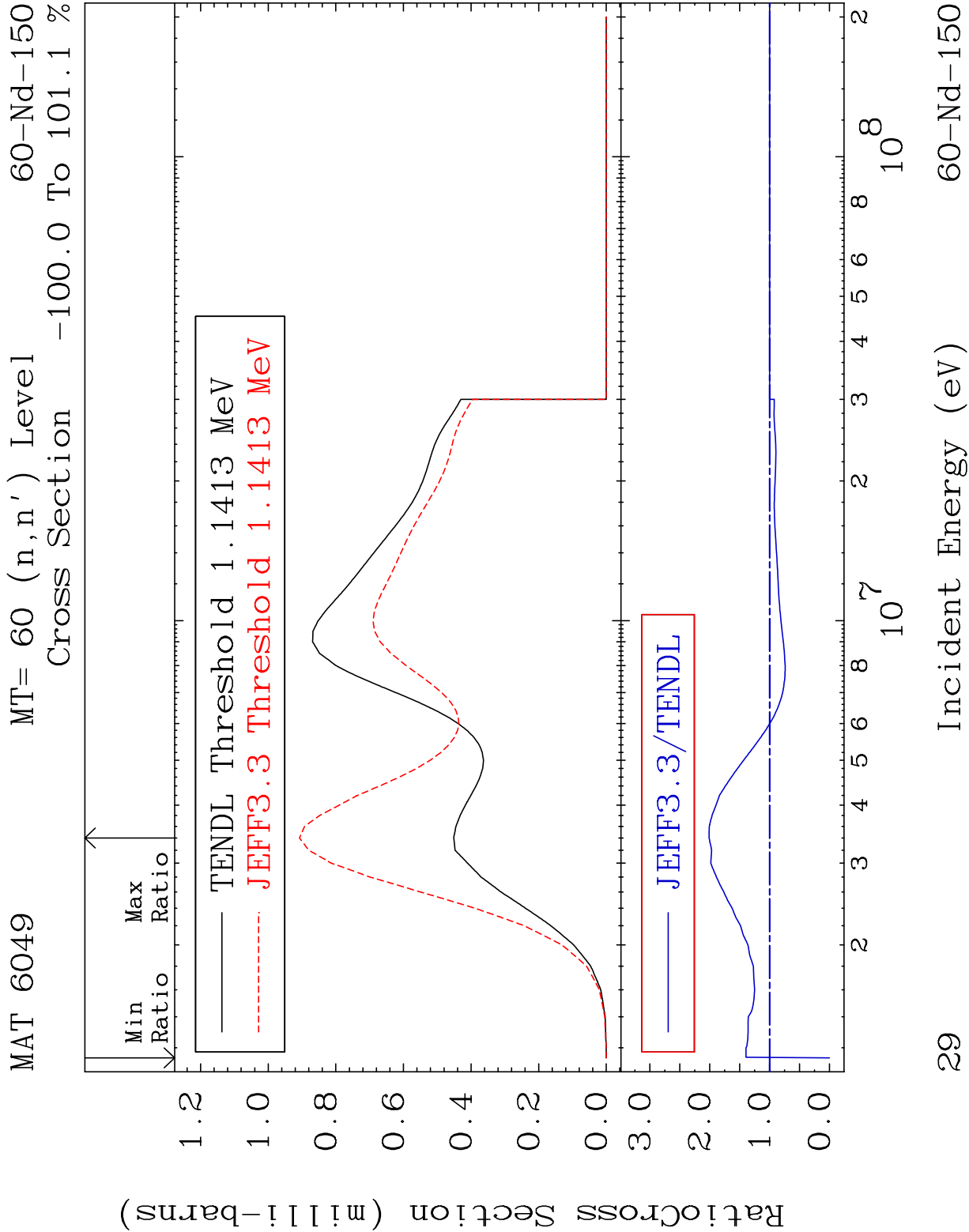




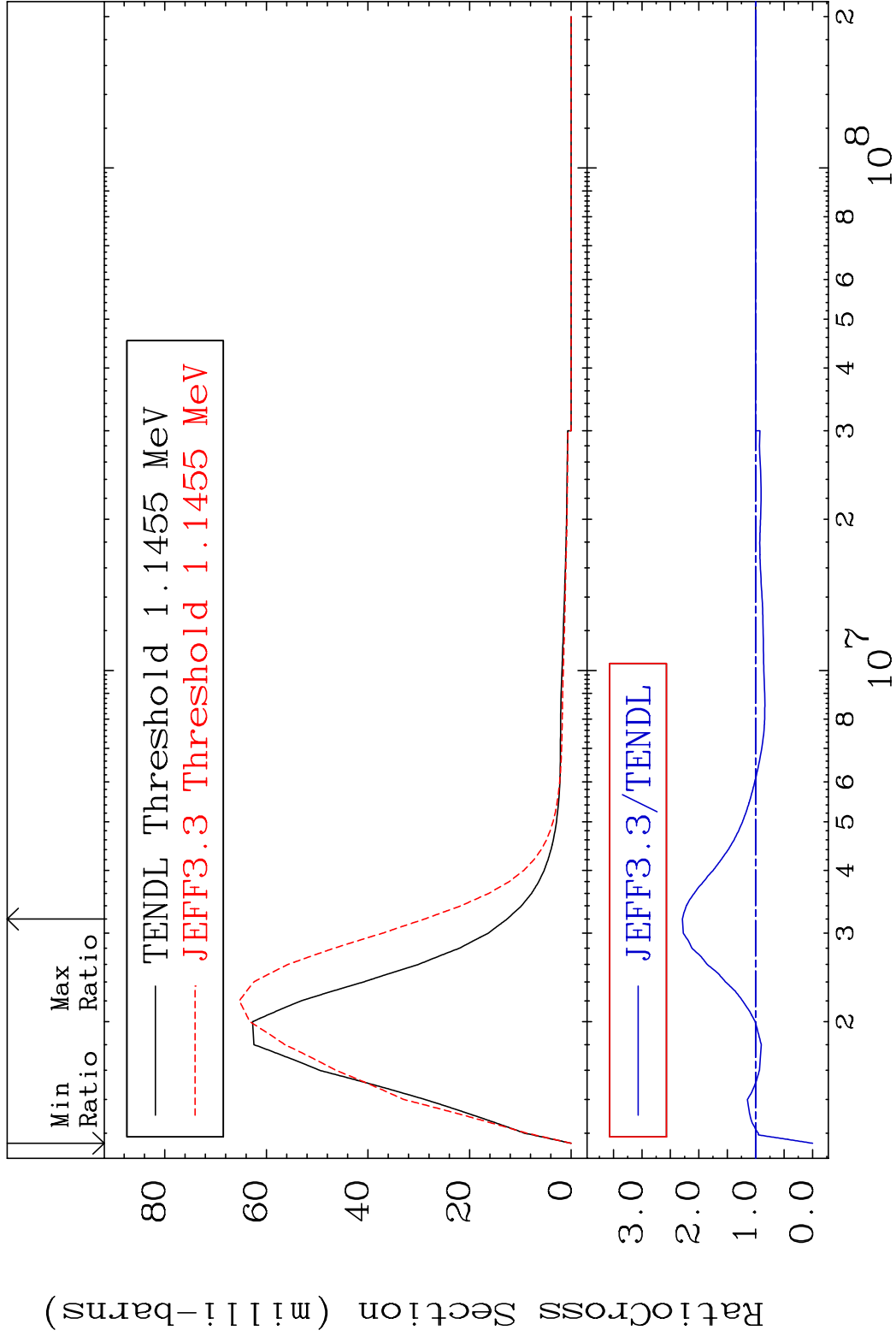
MAT 6049 MT= 58 (n,n') Level 60-Nd-150
Cross Section -100.0 To 113.9 %

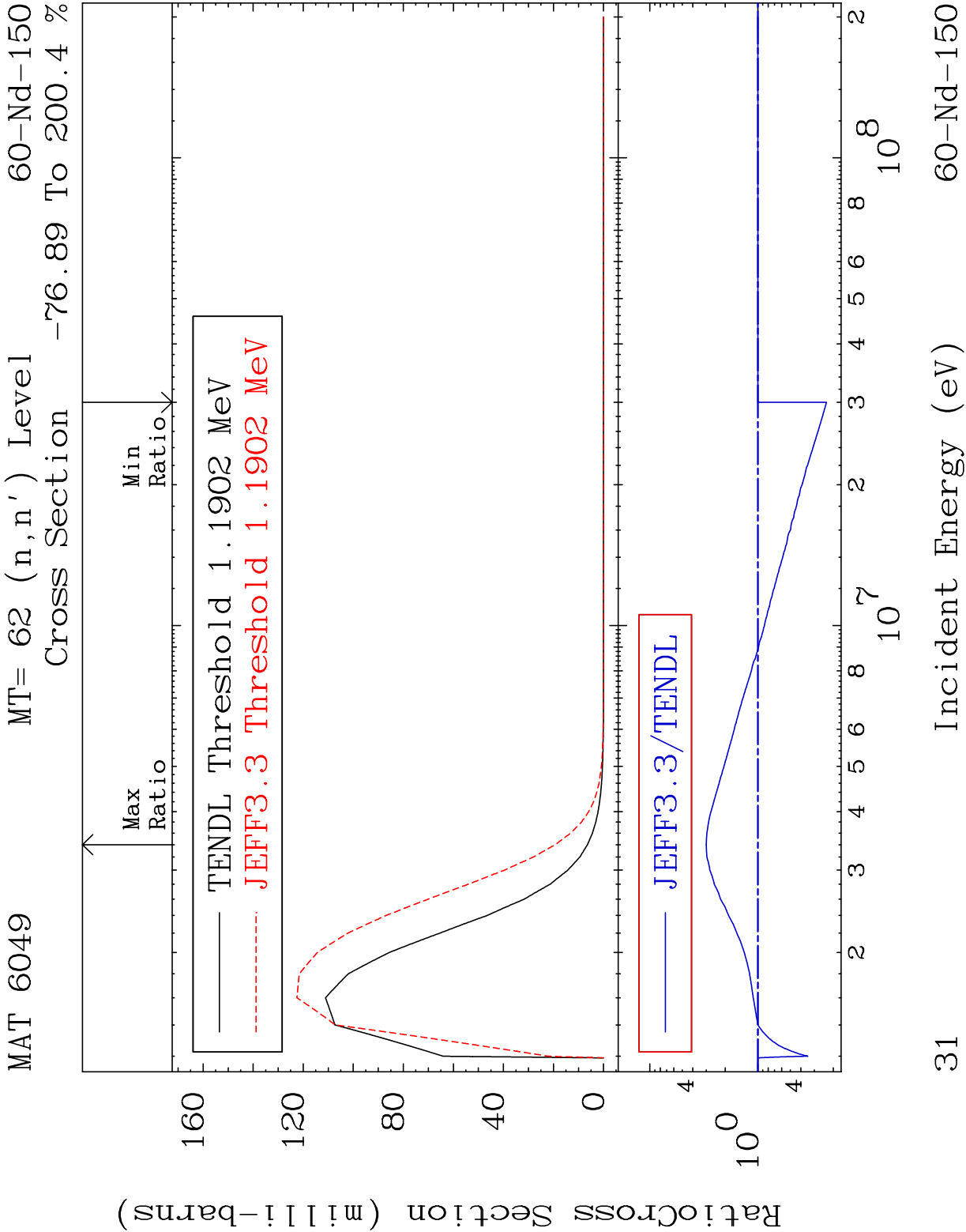


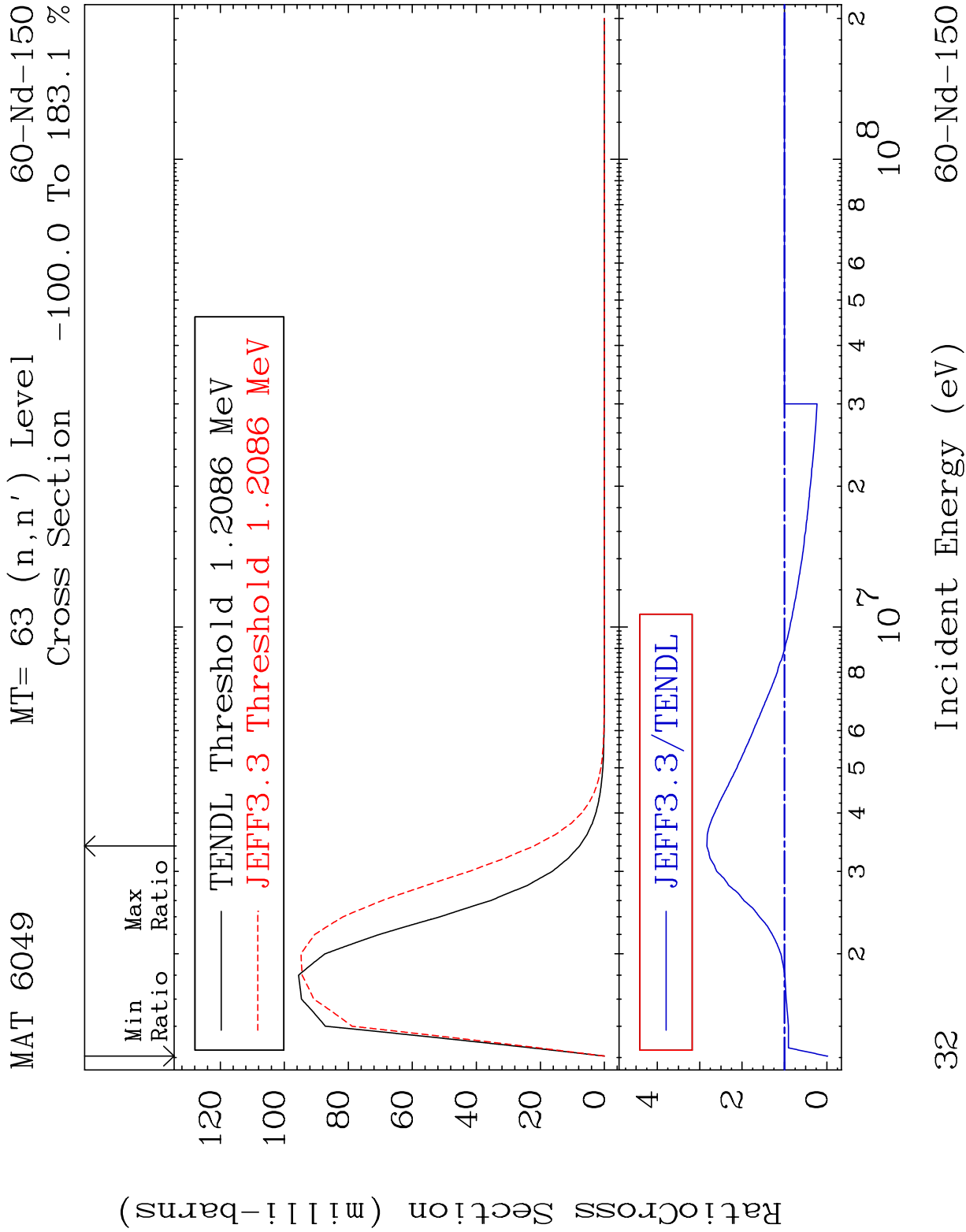


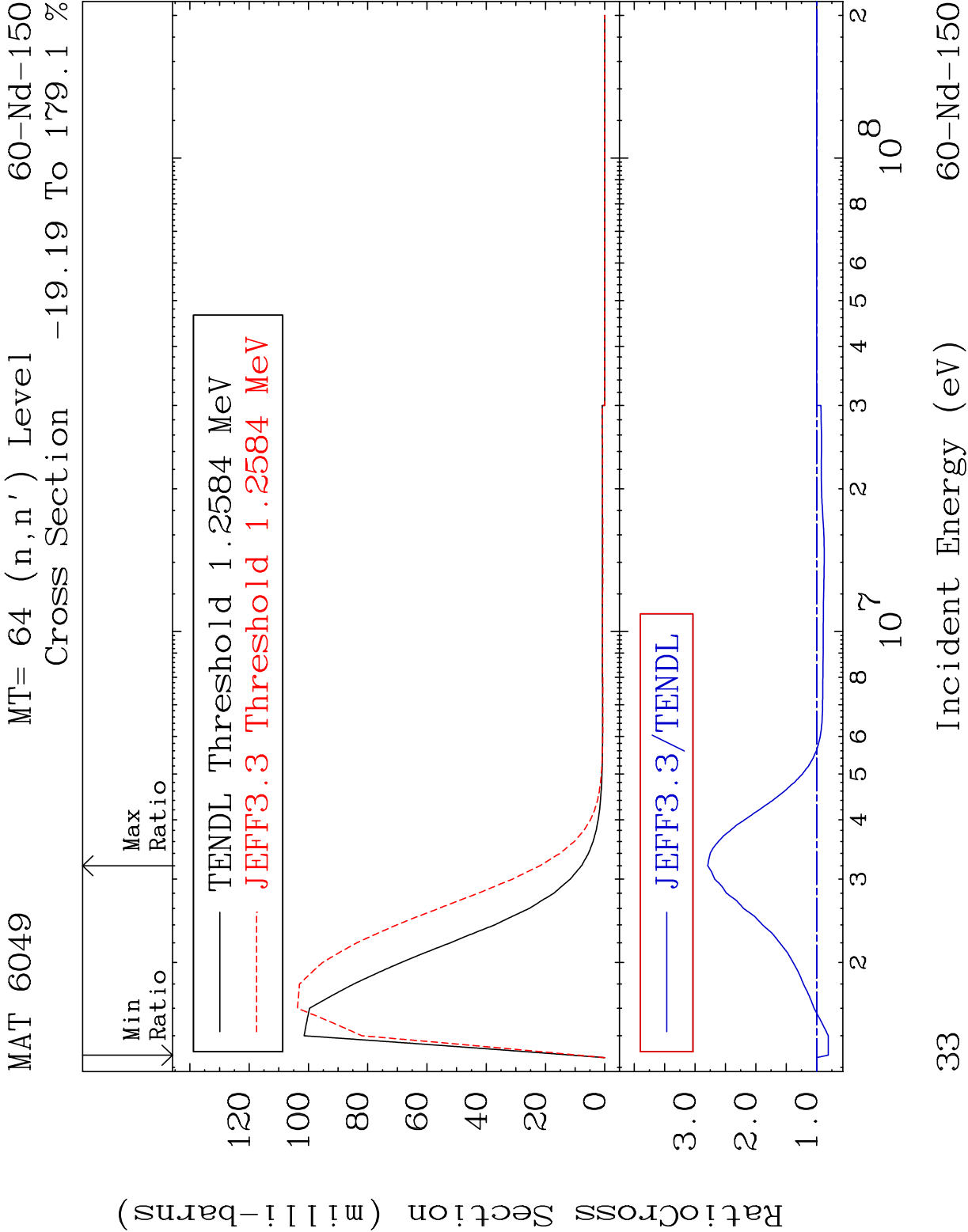


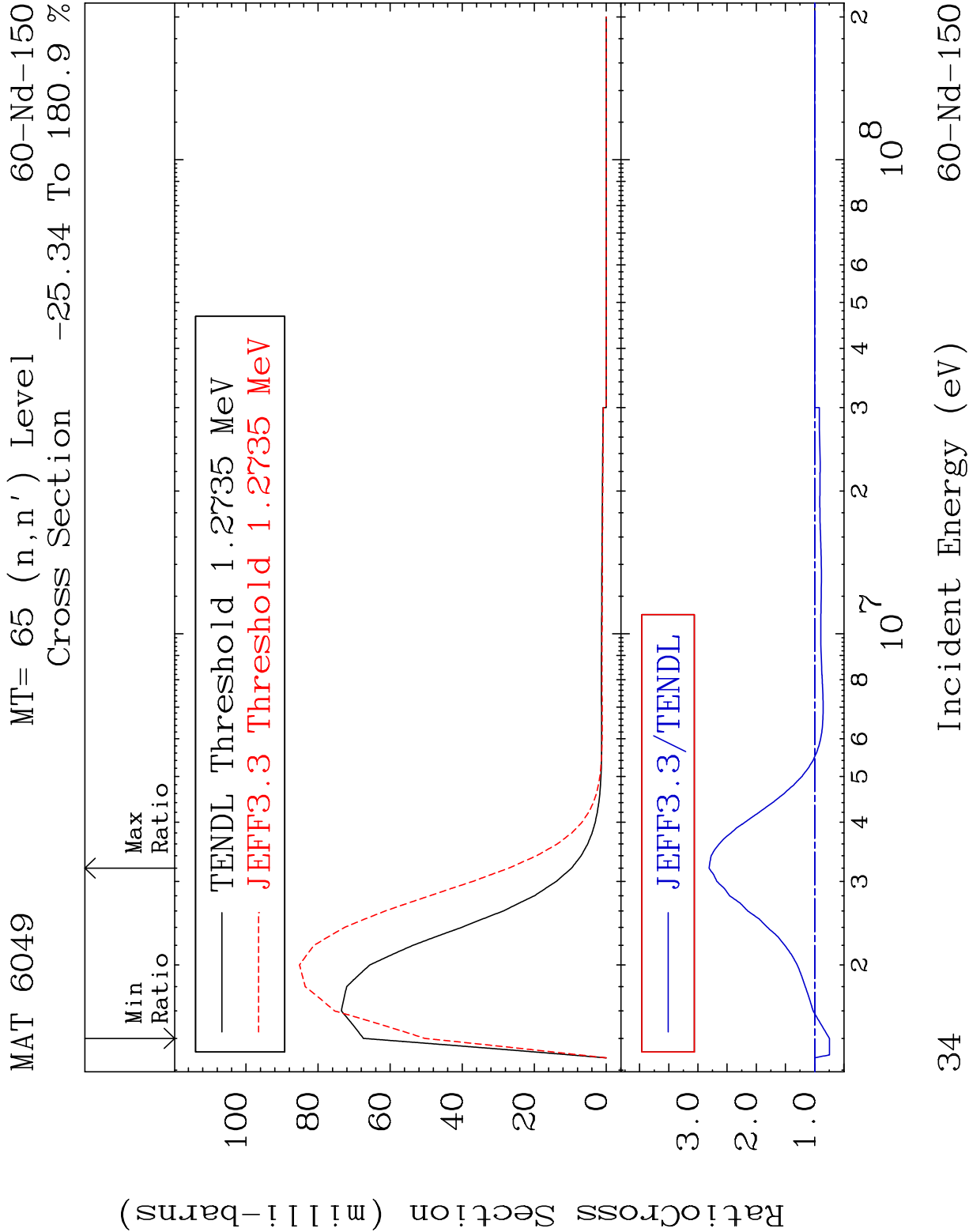
MAT 6049 MT= 61 (n,n') Level 60-Nd-150
Cross Section -100.0 To 129.0 %

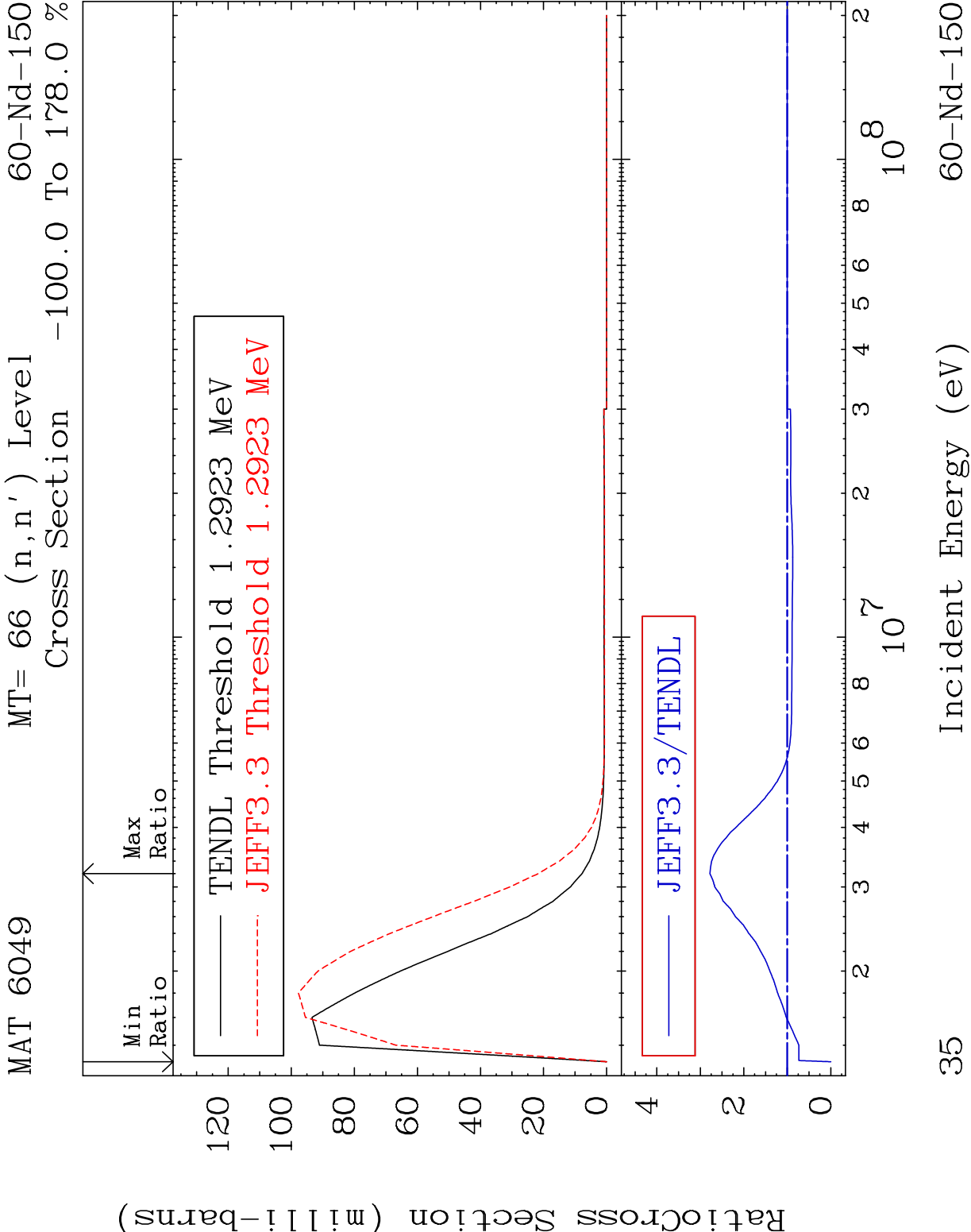


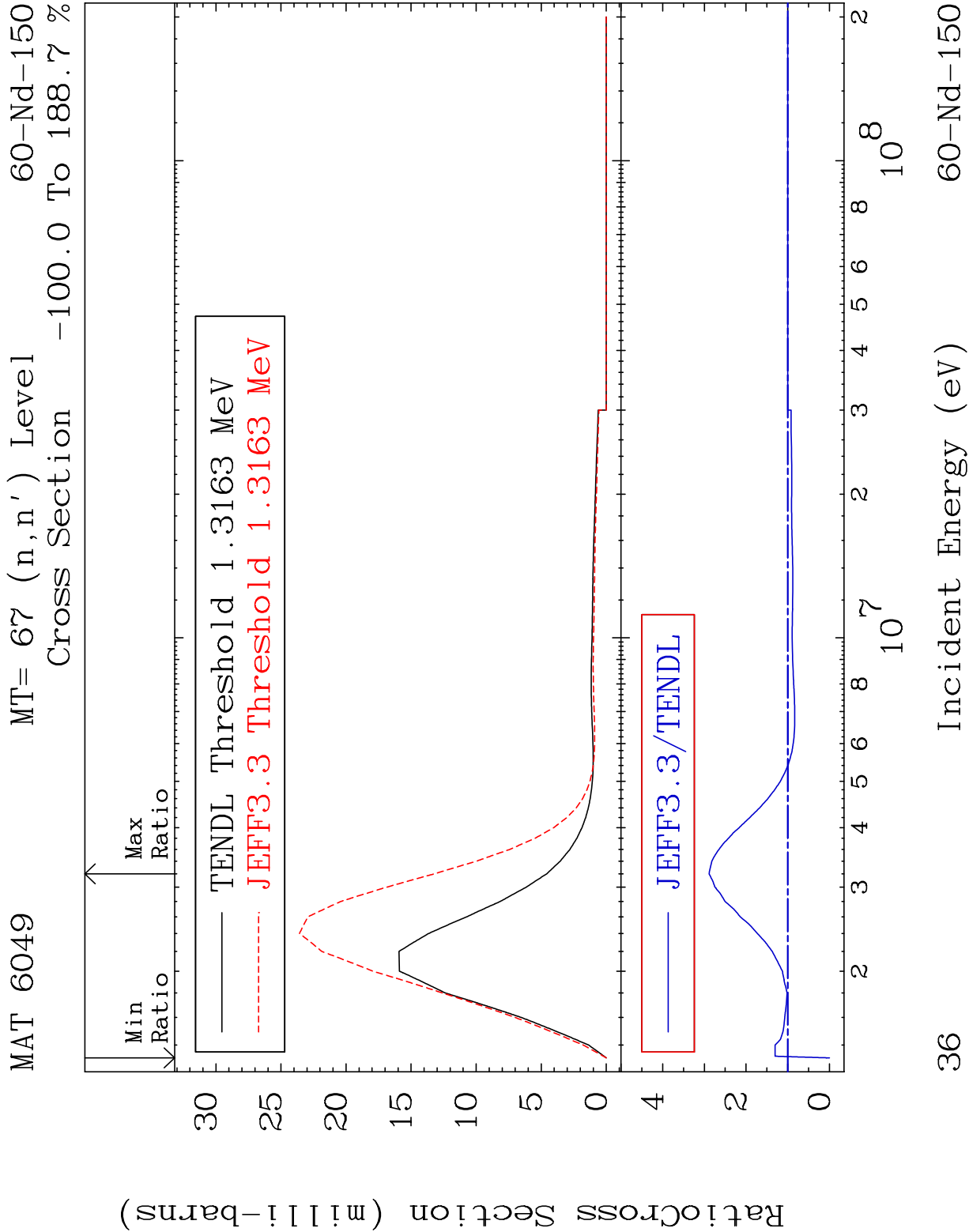


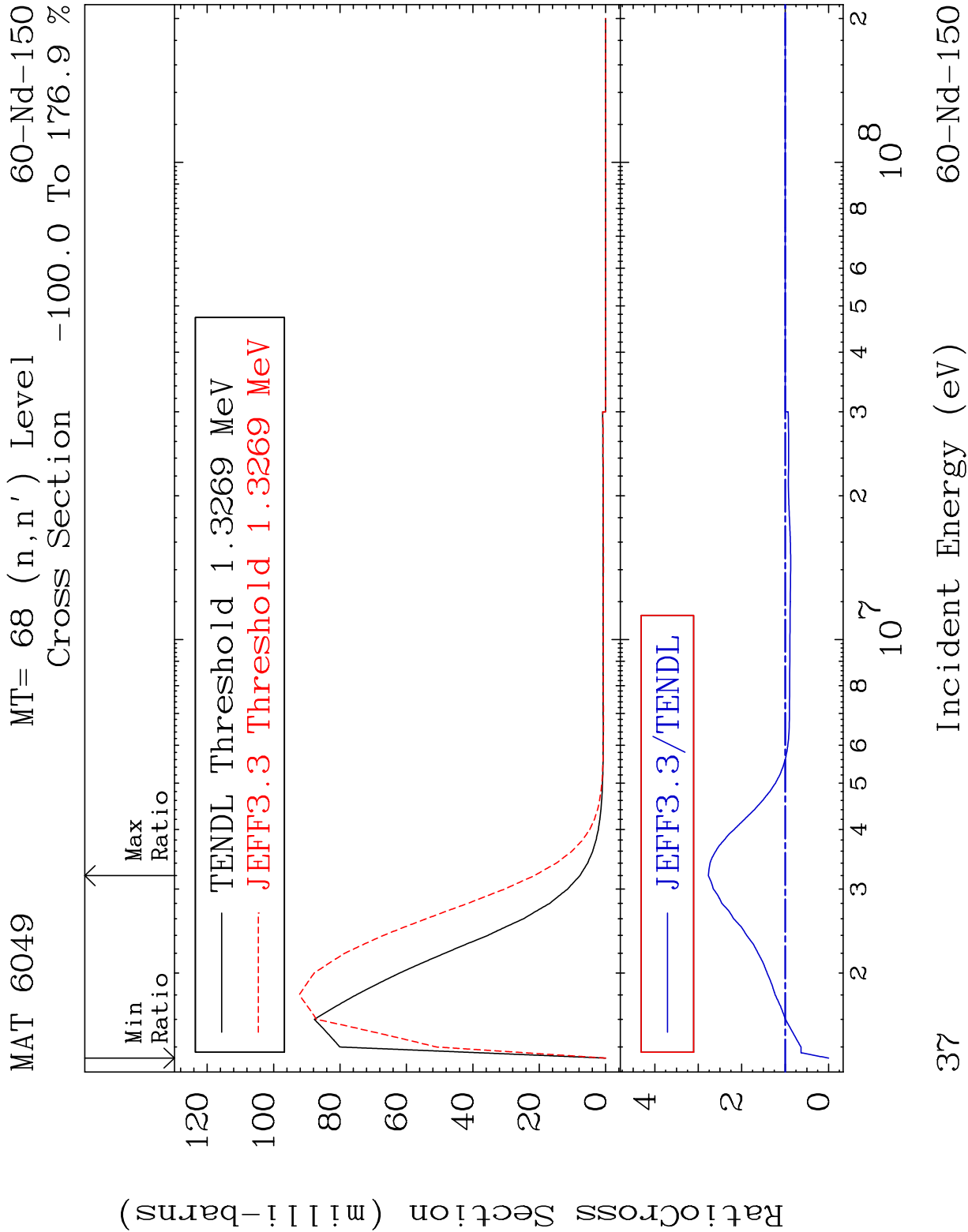


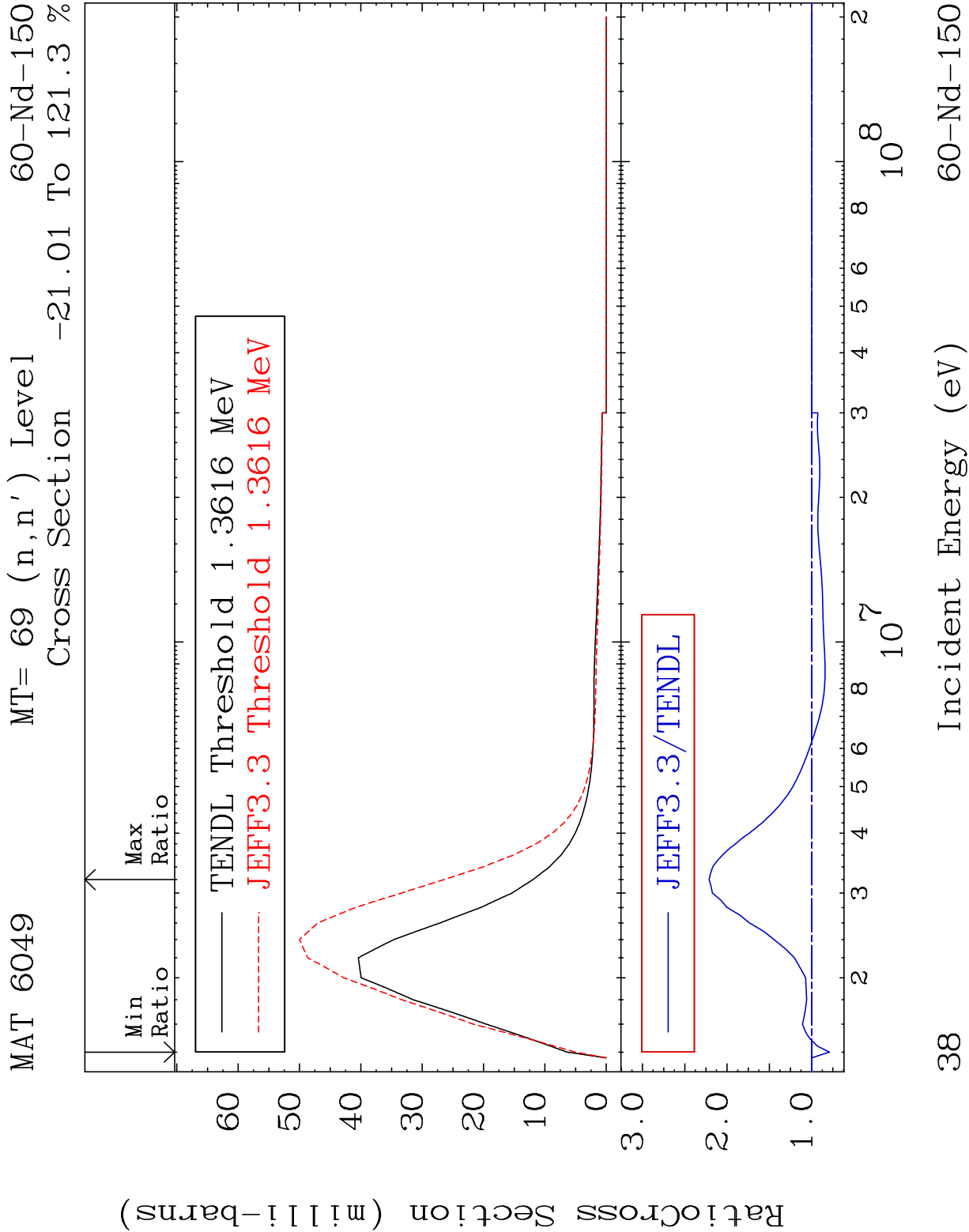




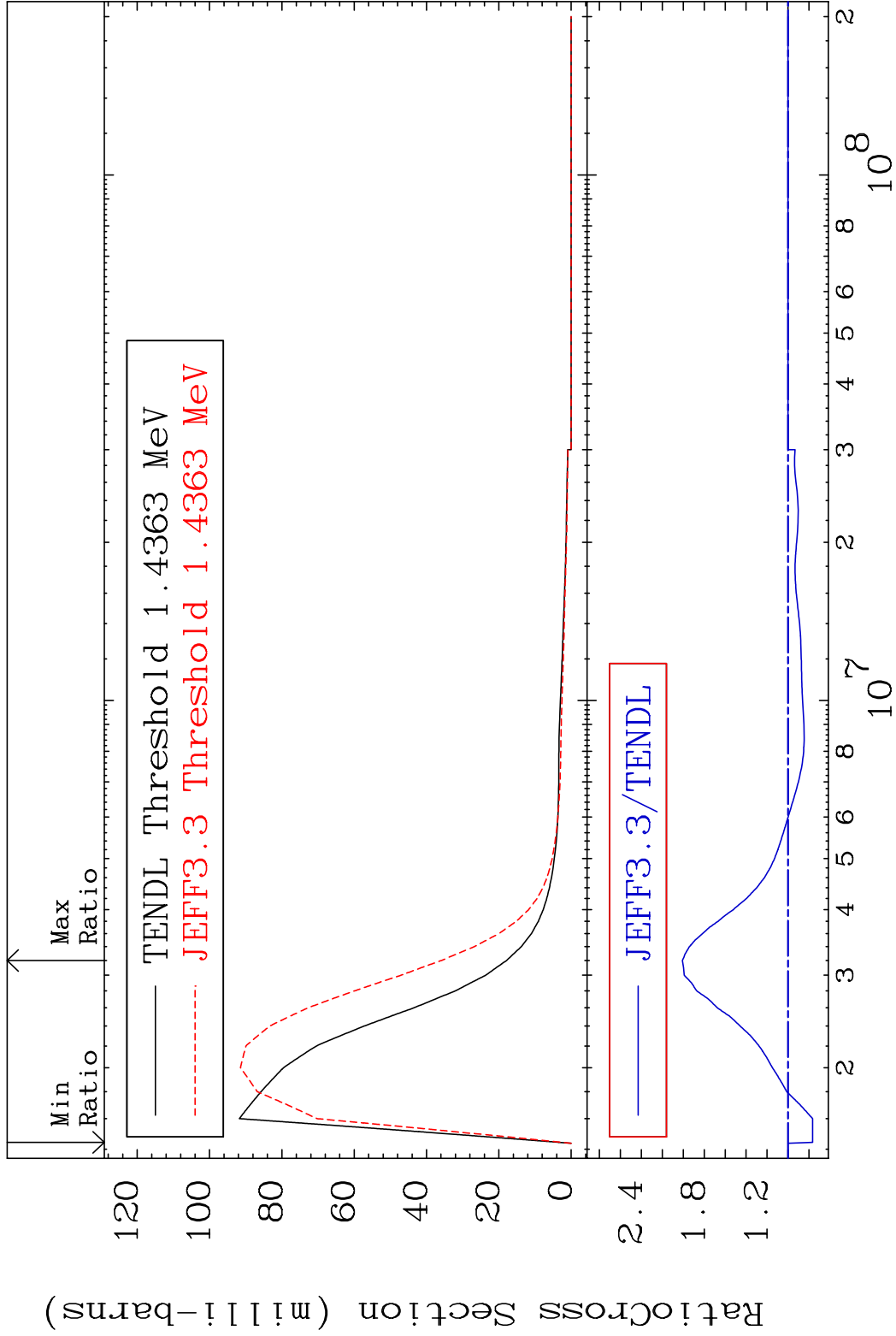




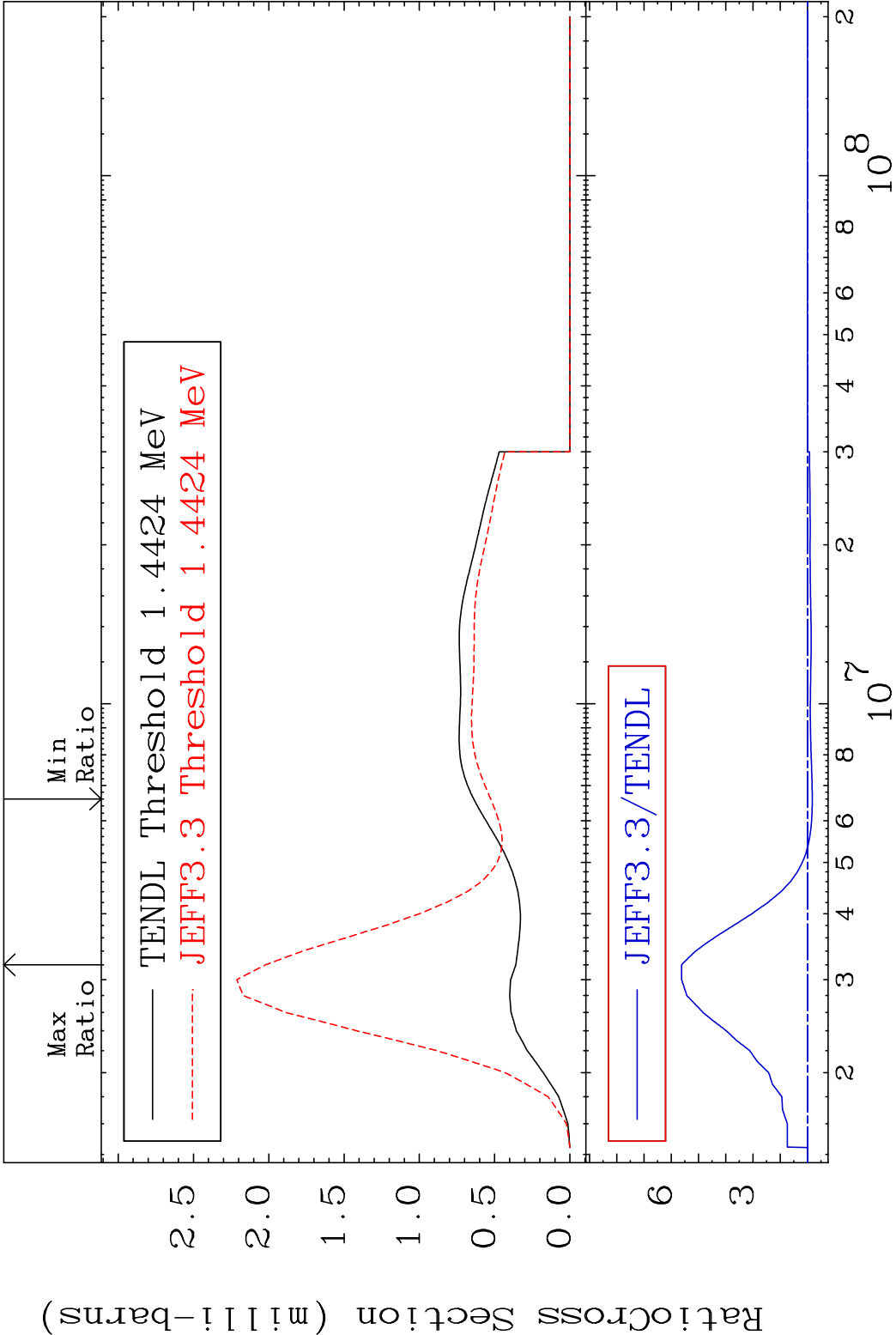




MAT 6049 MT= 70 (n,n') Level 60-Nd-150
Cross Section -23.42 To 100.9 %



MAT 6049 MT= 71 (n,n') Level 60-Nd-150
Cross Section -17.61 To 462.2 %

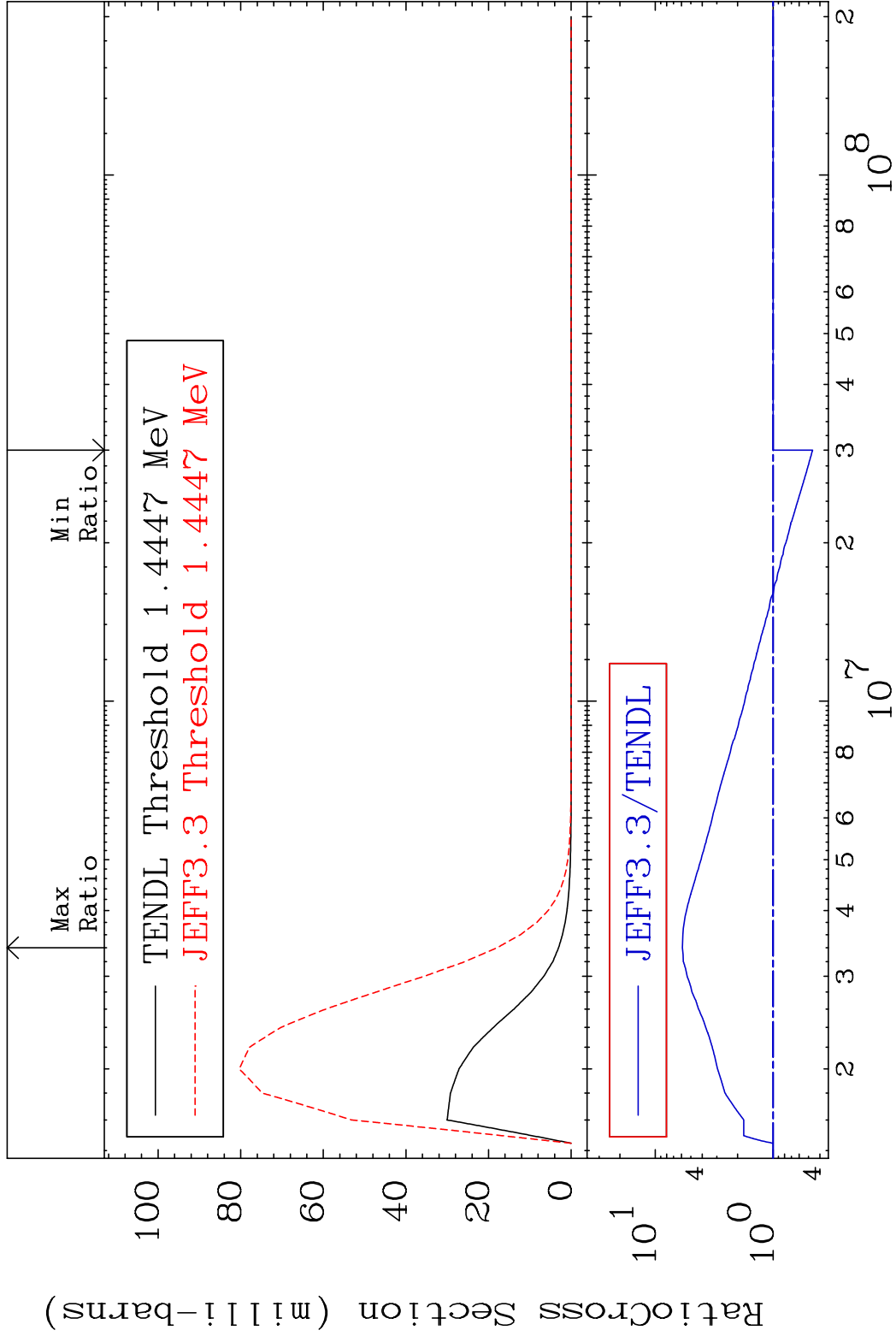


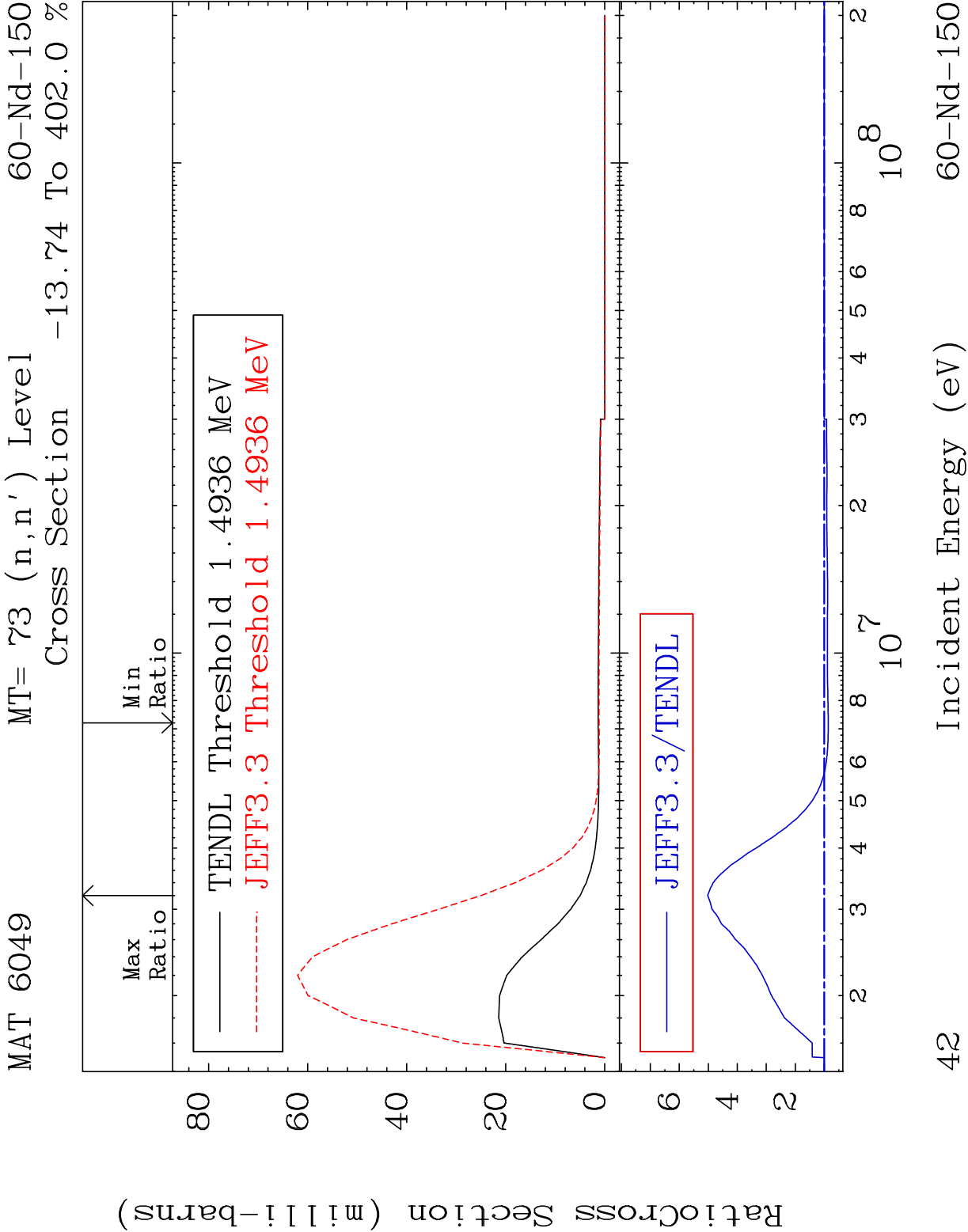
40

Incident Energy (eV)

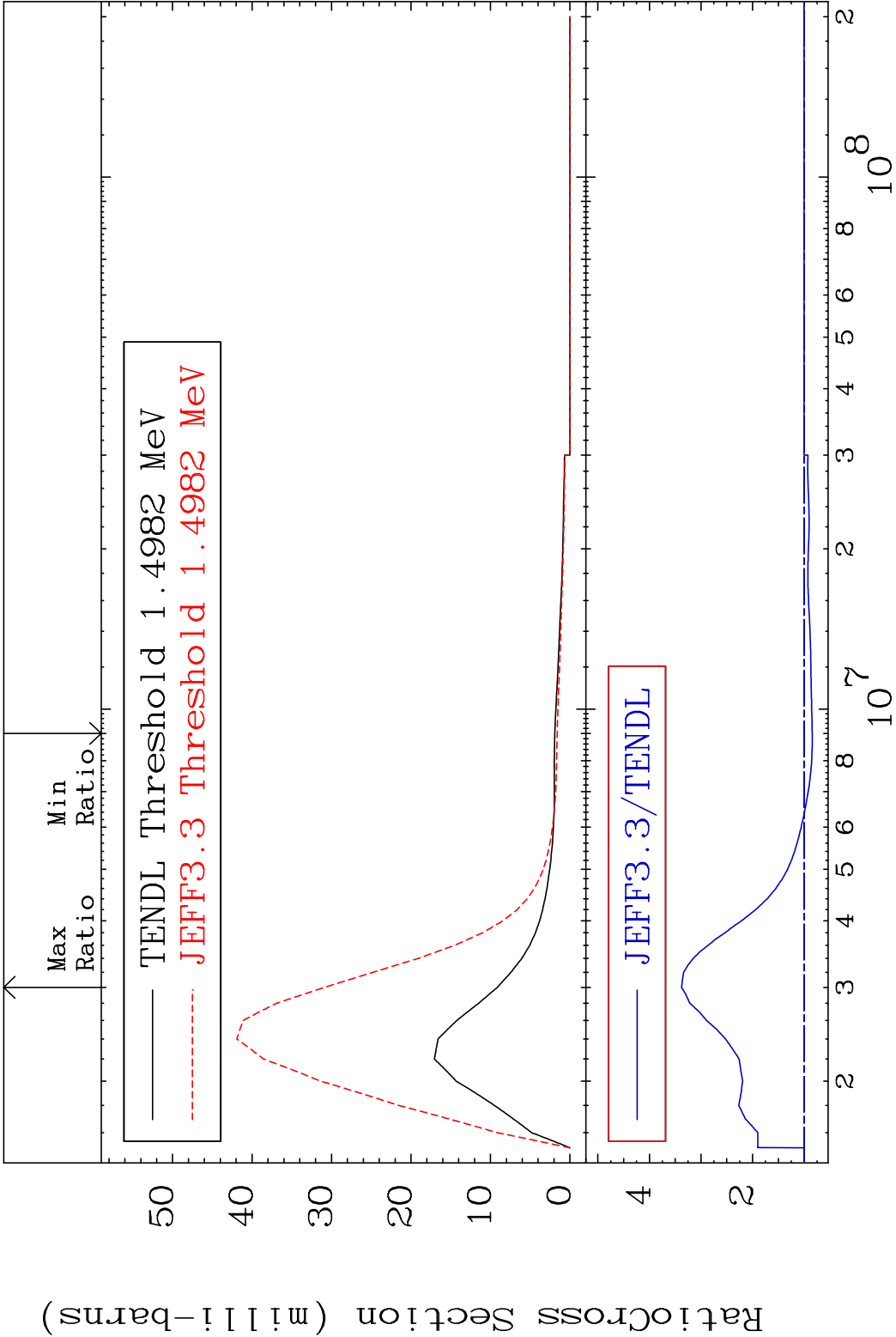
60-Nd-150

MAT 6049 MT= 72 (n,n') Level 60-Nd-150
Cross Section -53.78 To 489.6 %

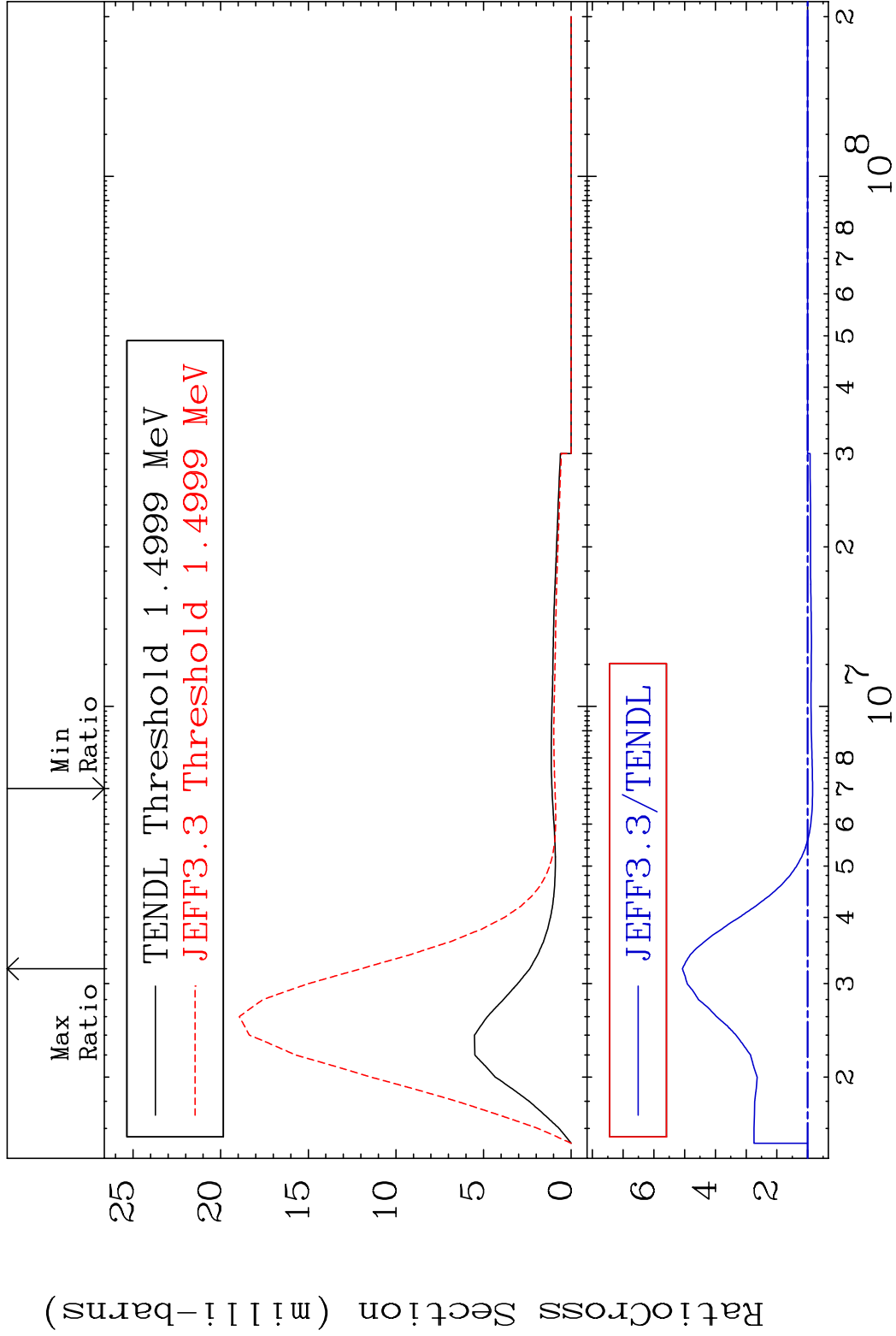




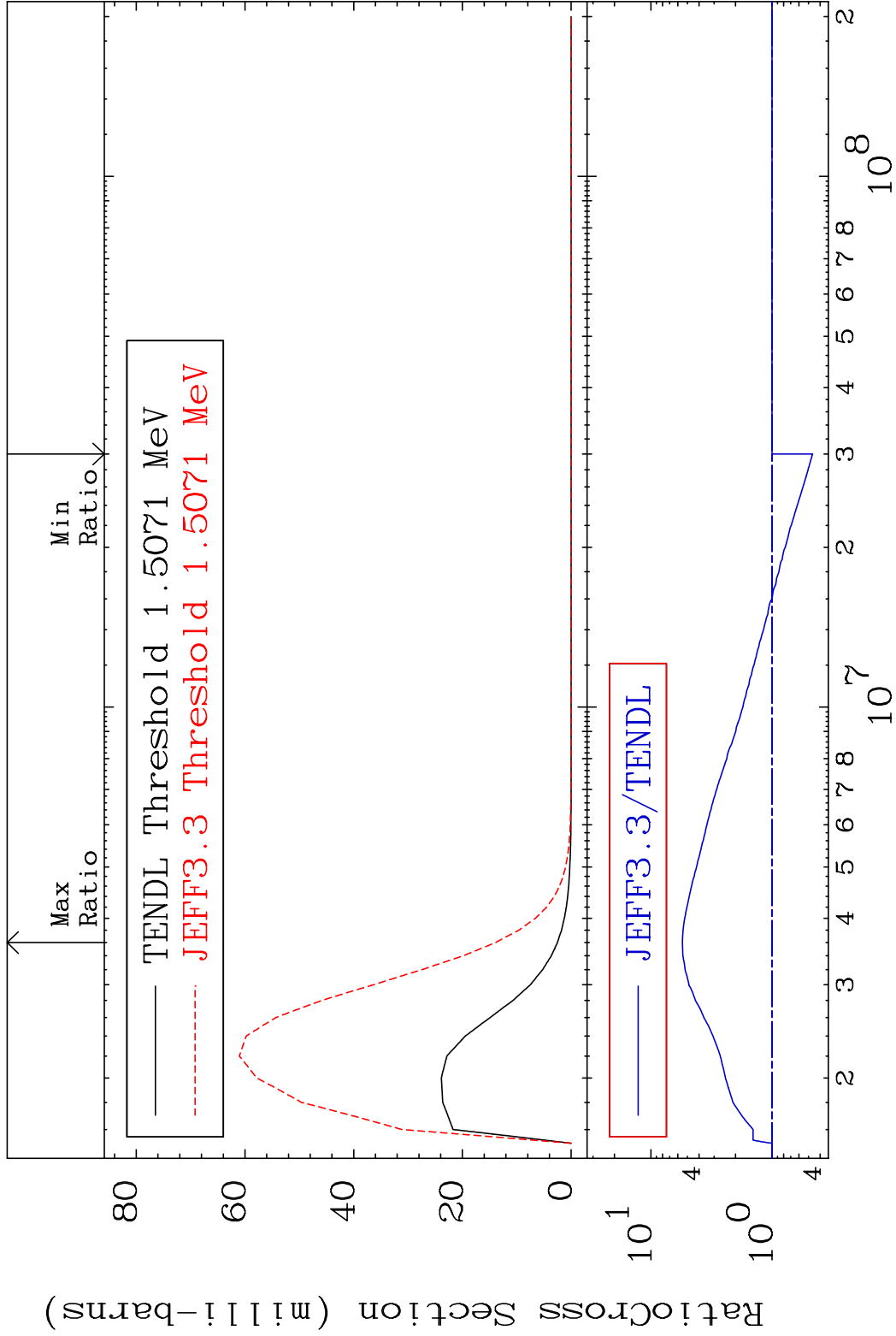
MAT 6049 MT= 74 (n,n') Level 60-Nd-150
Cross Section -15.72 To 237.7 %

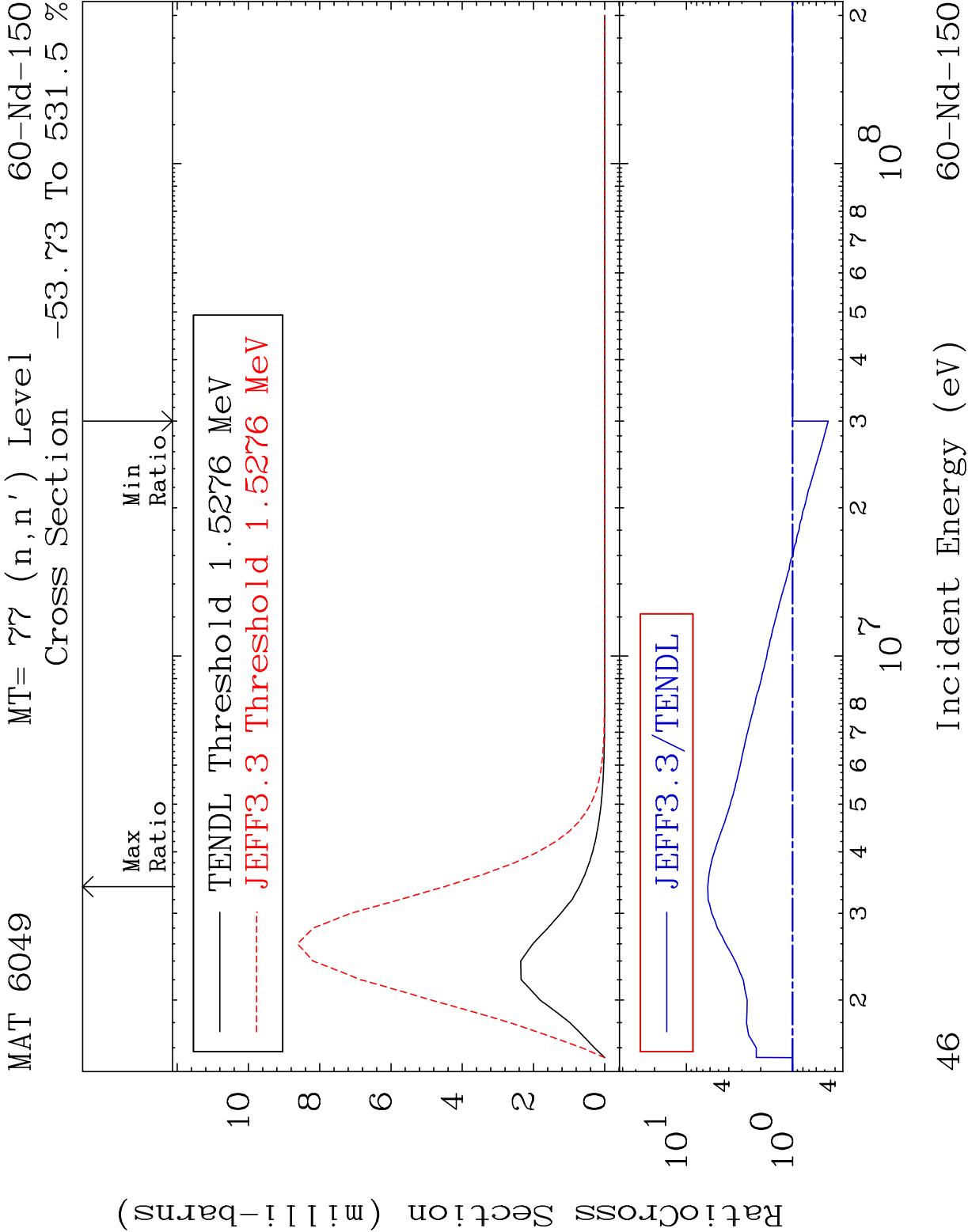


MAT 6049 MT= 75 (n,n') Level 60-Nd-150
Cross Section -15.91 To 407.3 %

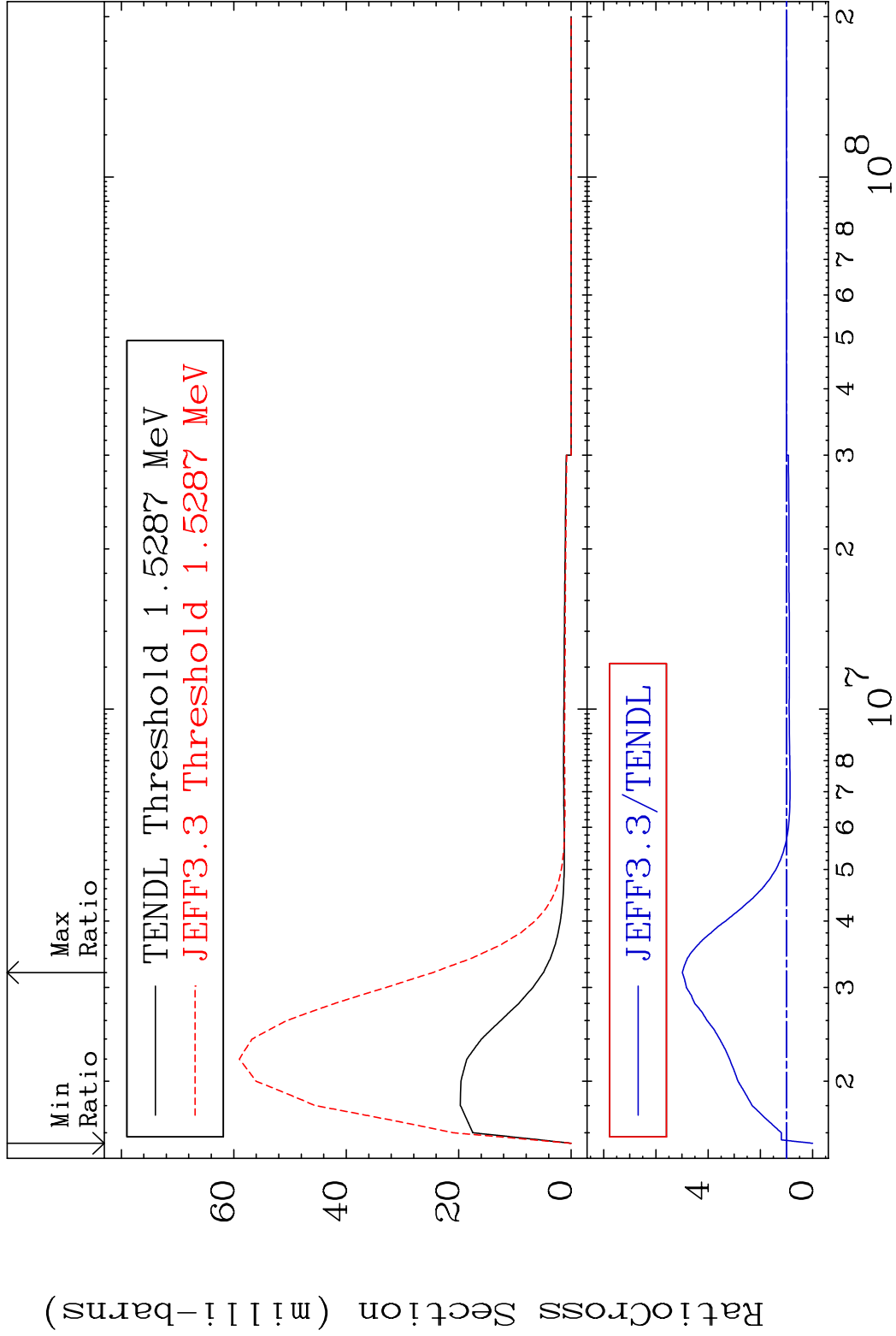


MAT 6049 MT= 76 (n,n') Level 60-Nd-150
Cross Section -53.74 To 449.4 %

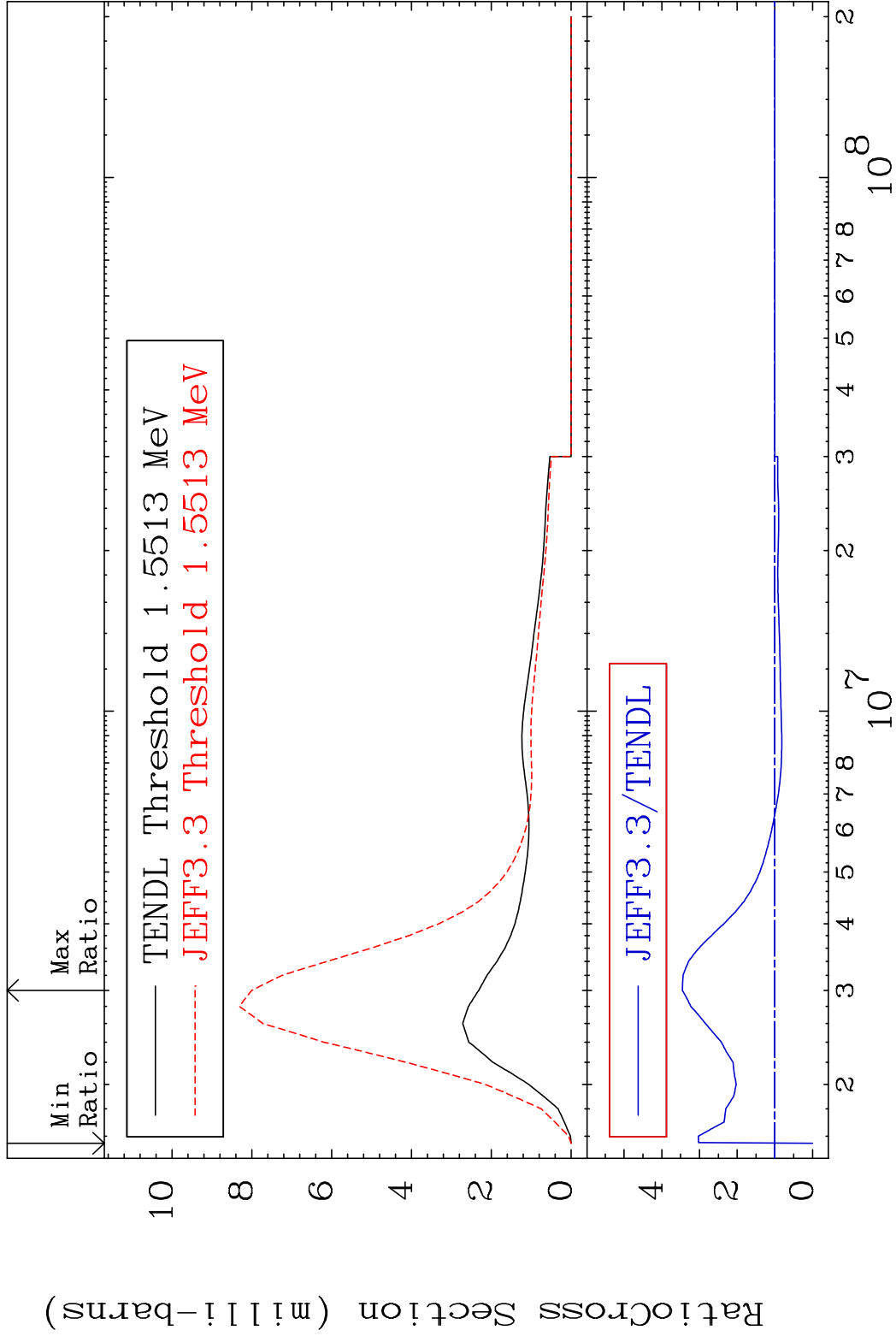




MAT 6049 MT= 78 (n,n') Level 60-Nd-150
Cross Section -100.0 To 398.5 %



MAT 6049 MT= 79 (n,n') Level 60-Nd-150
Cross Section -100.0 To 245.4 %



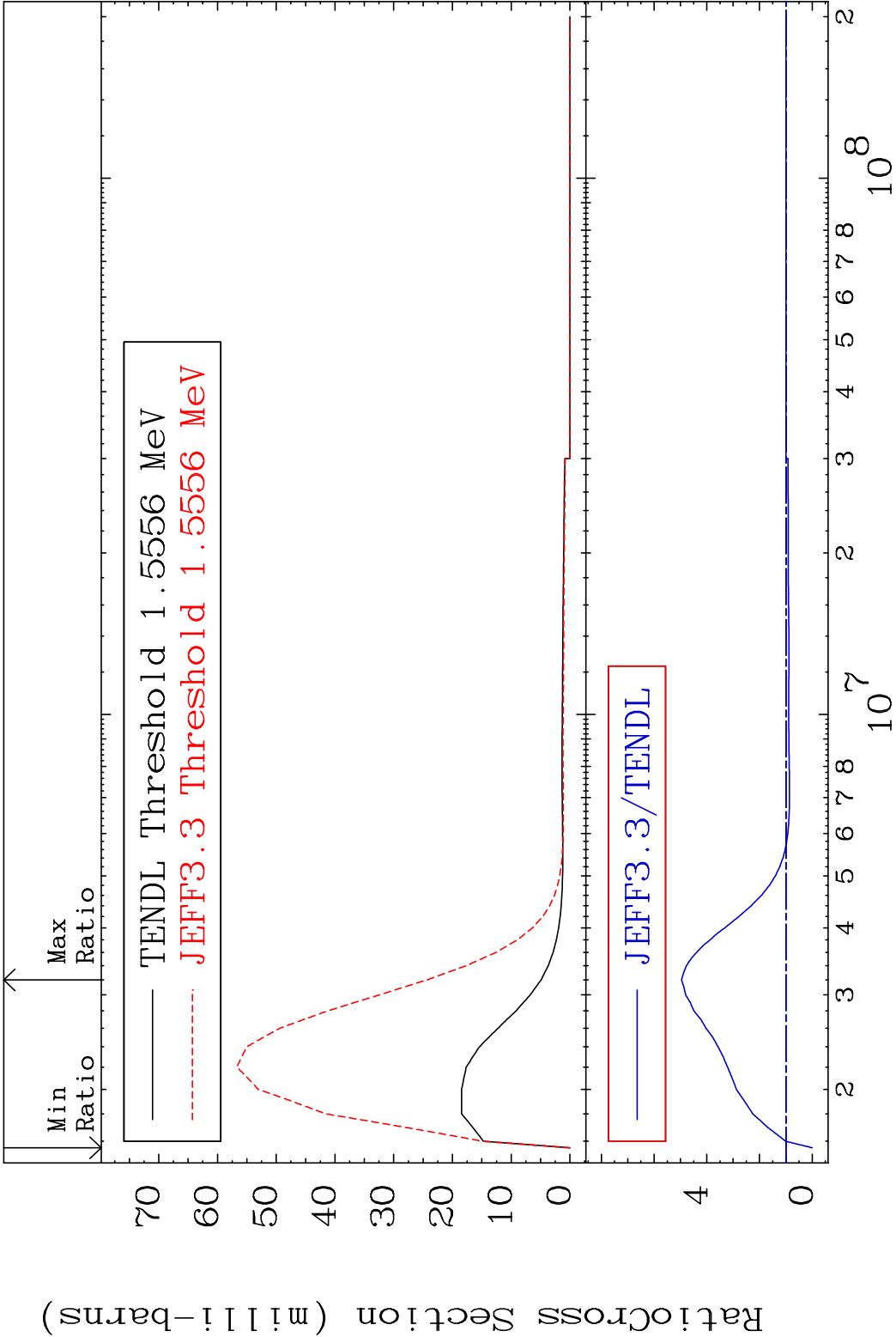
MAT 6049

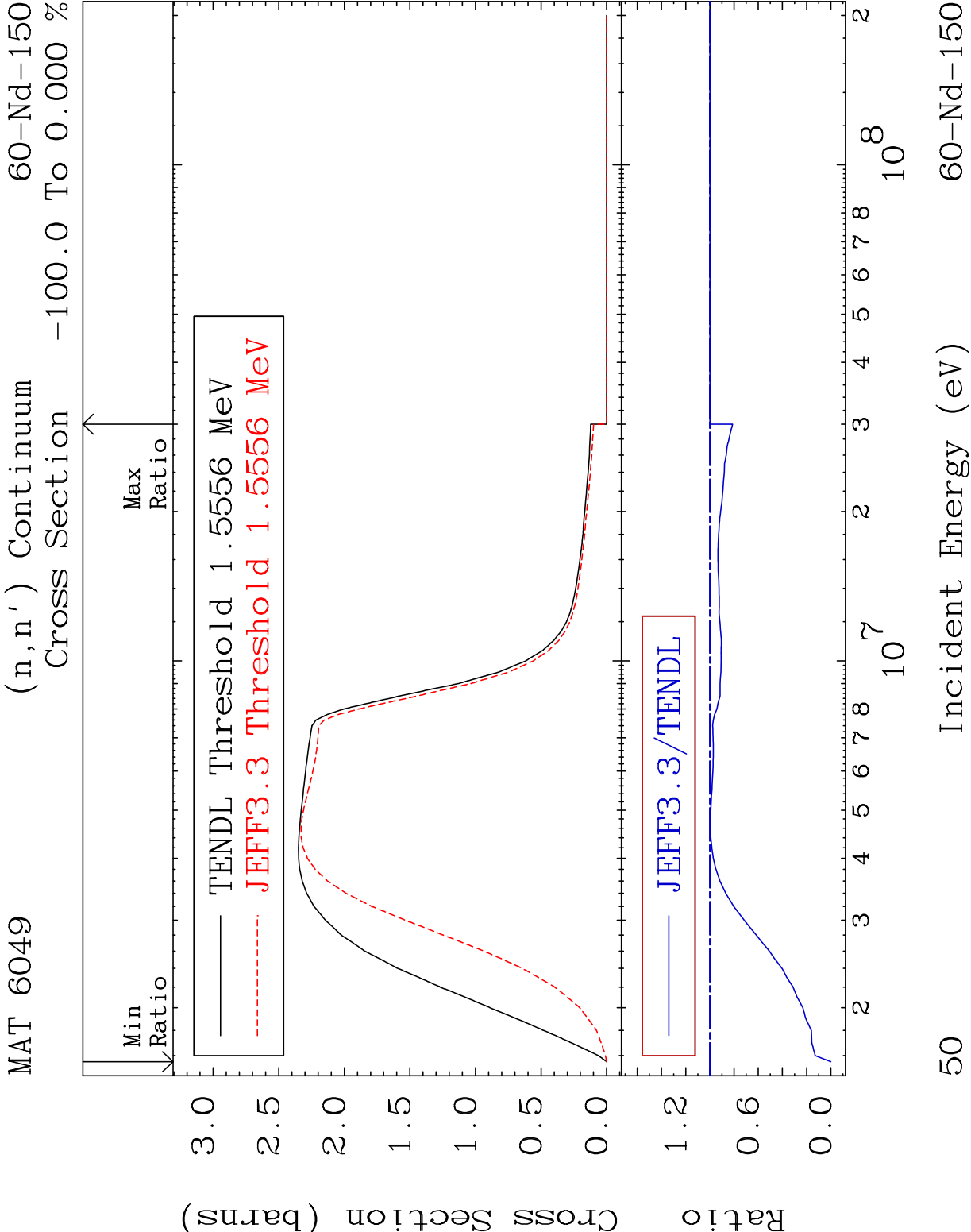
MT= 80 (n,n') Level

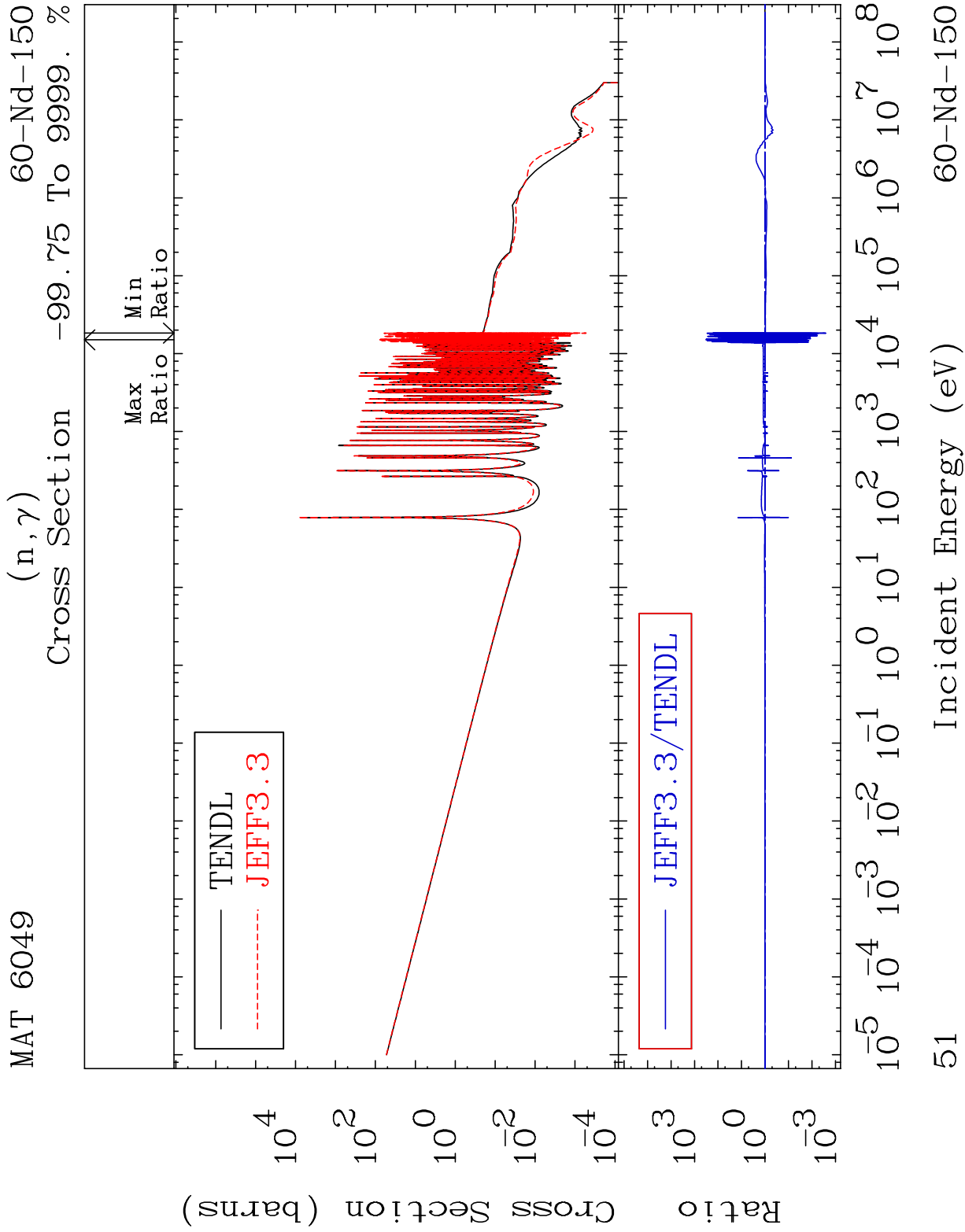
60-Nd-150

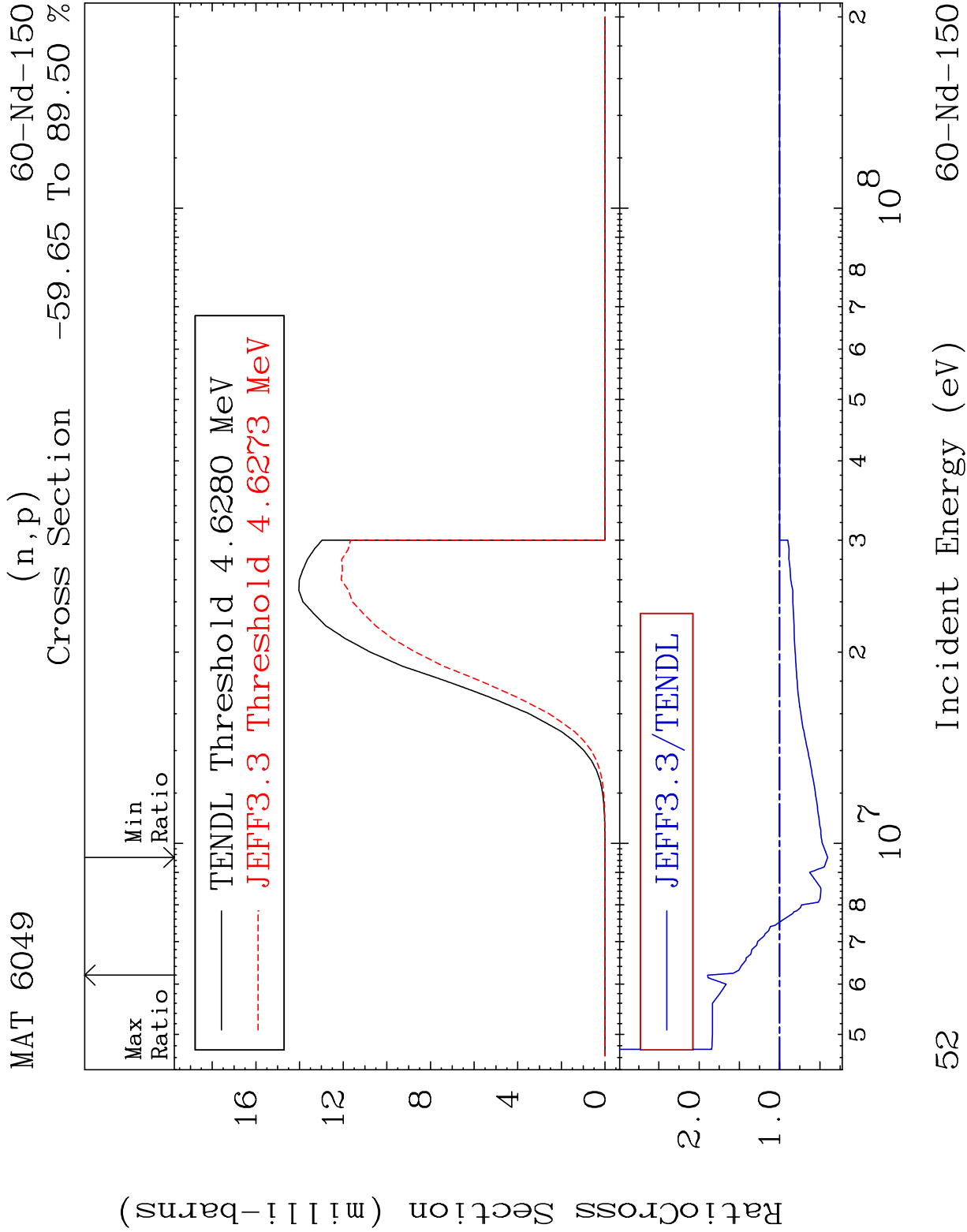
Cross Section

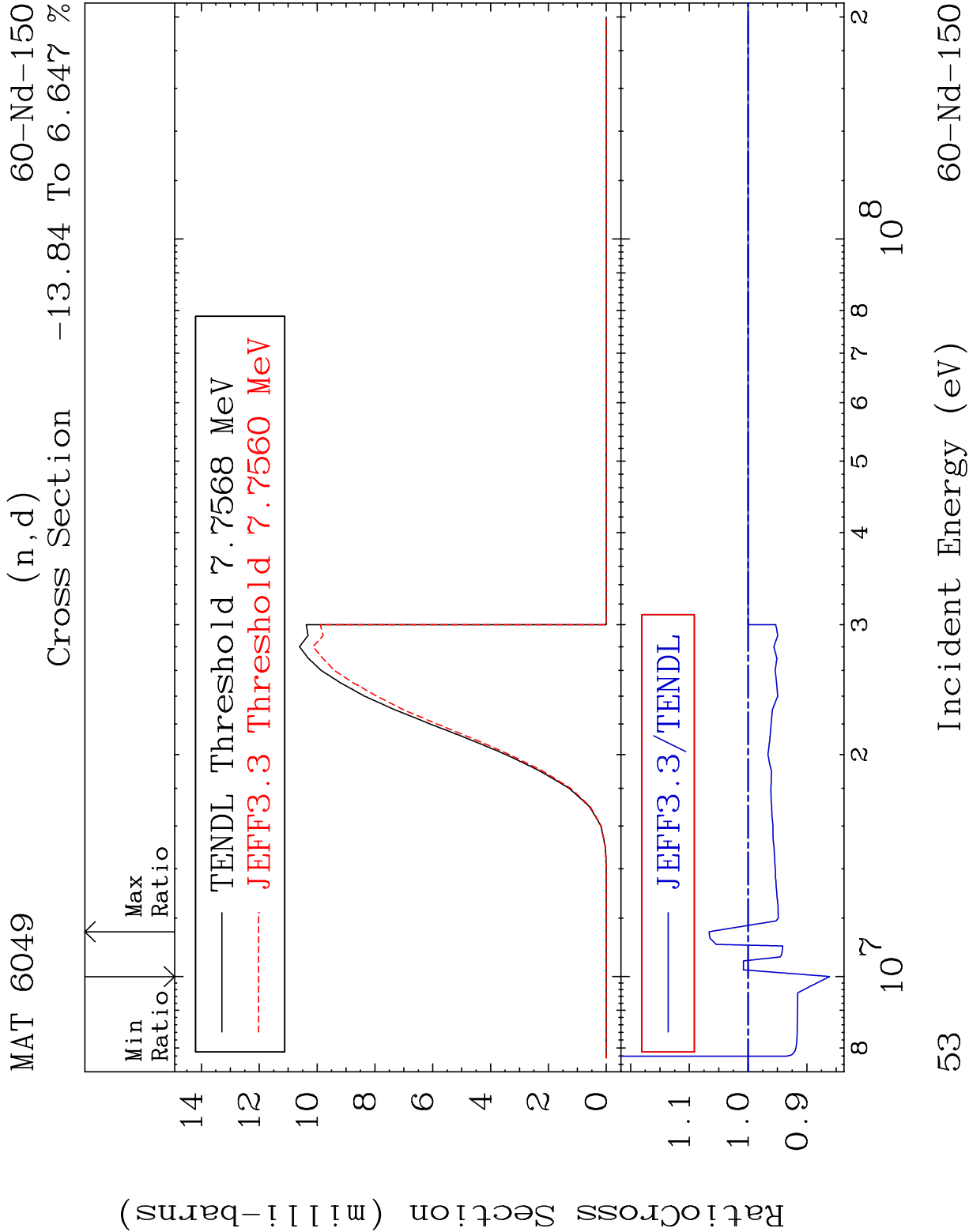
-100.0 To 395.9 %

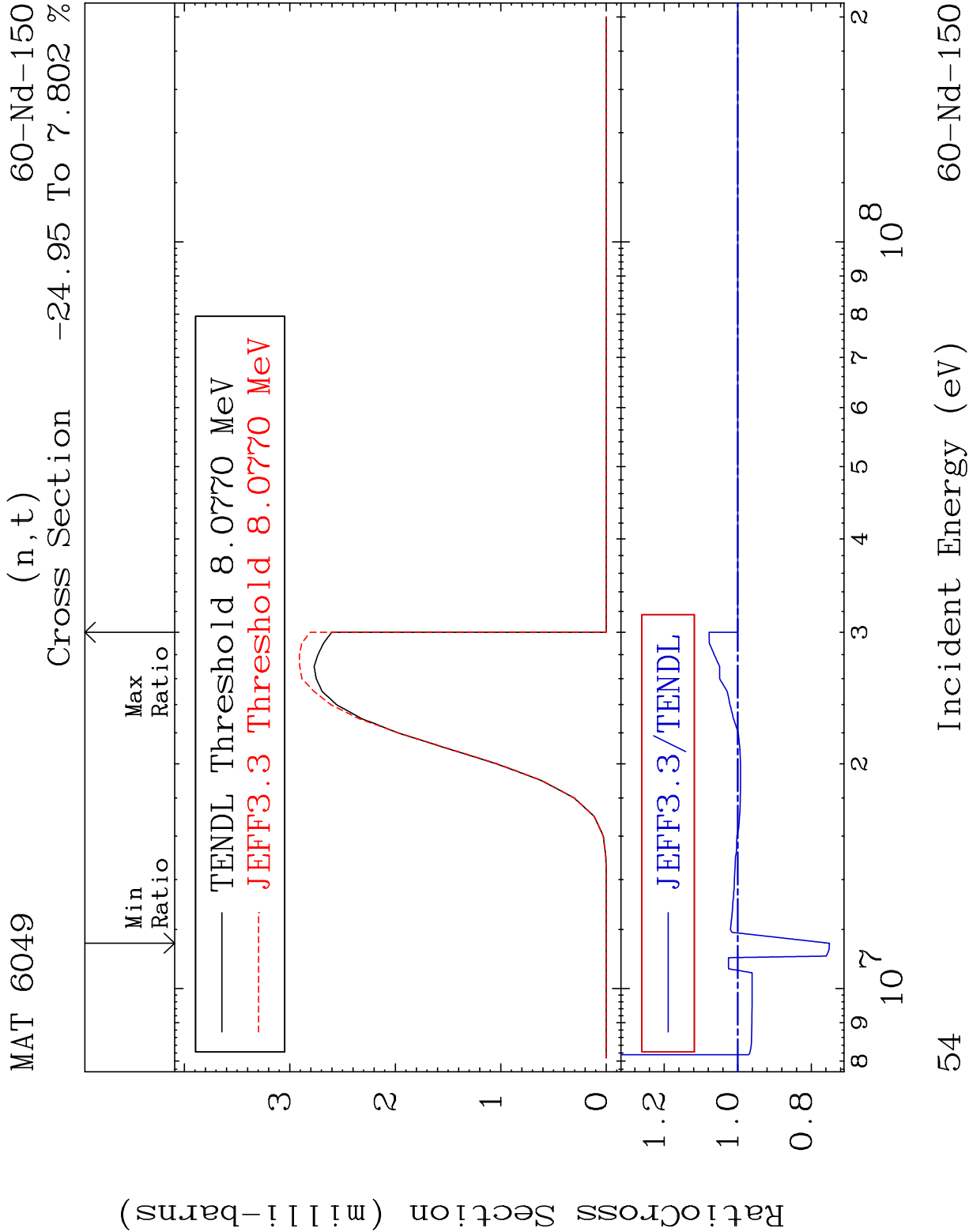


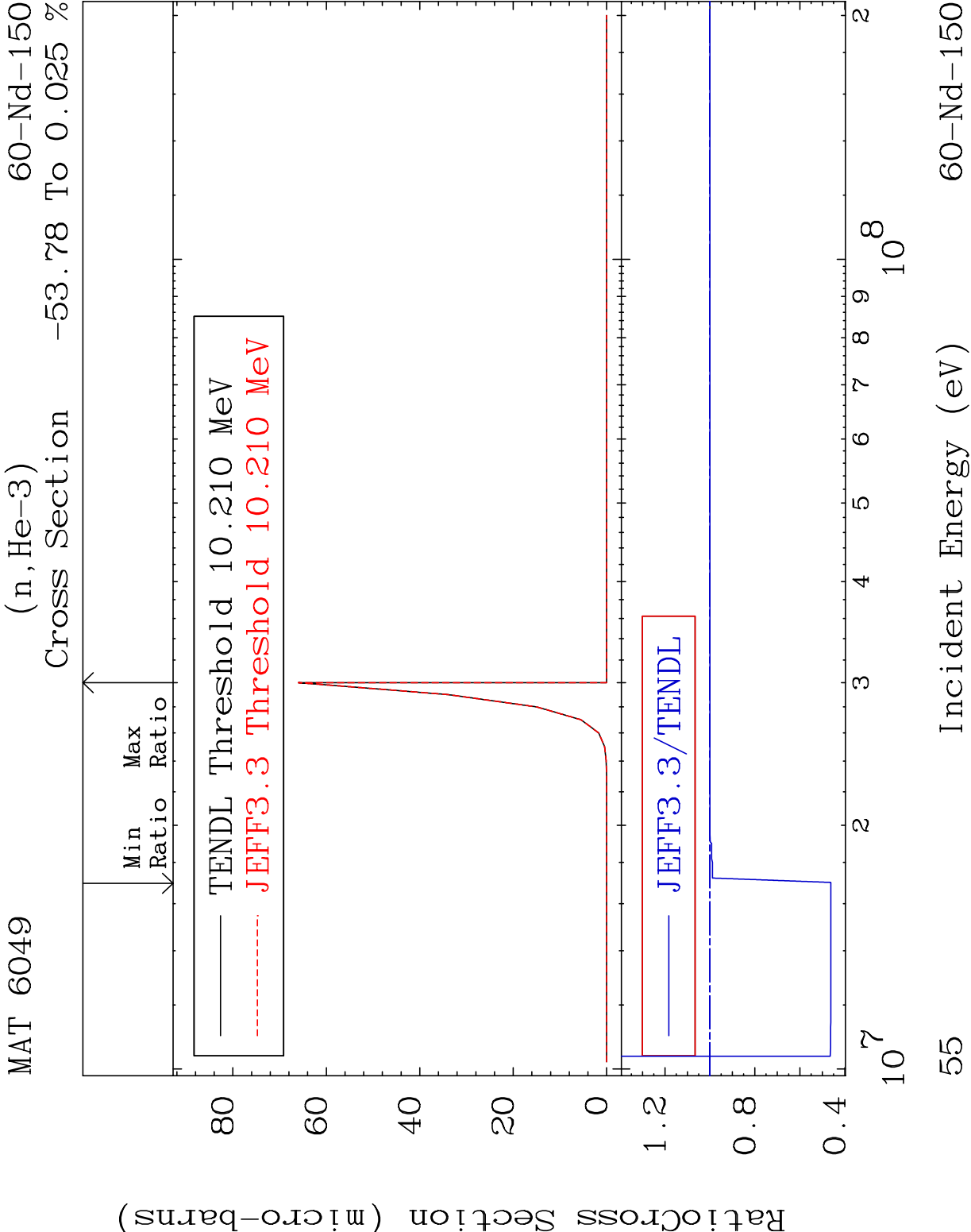


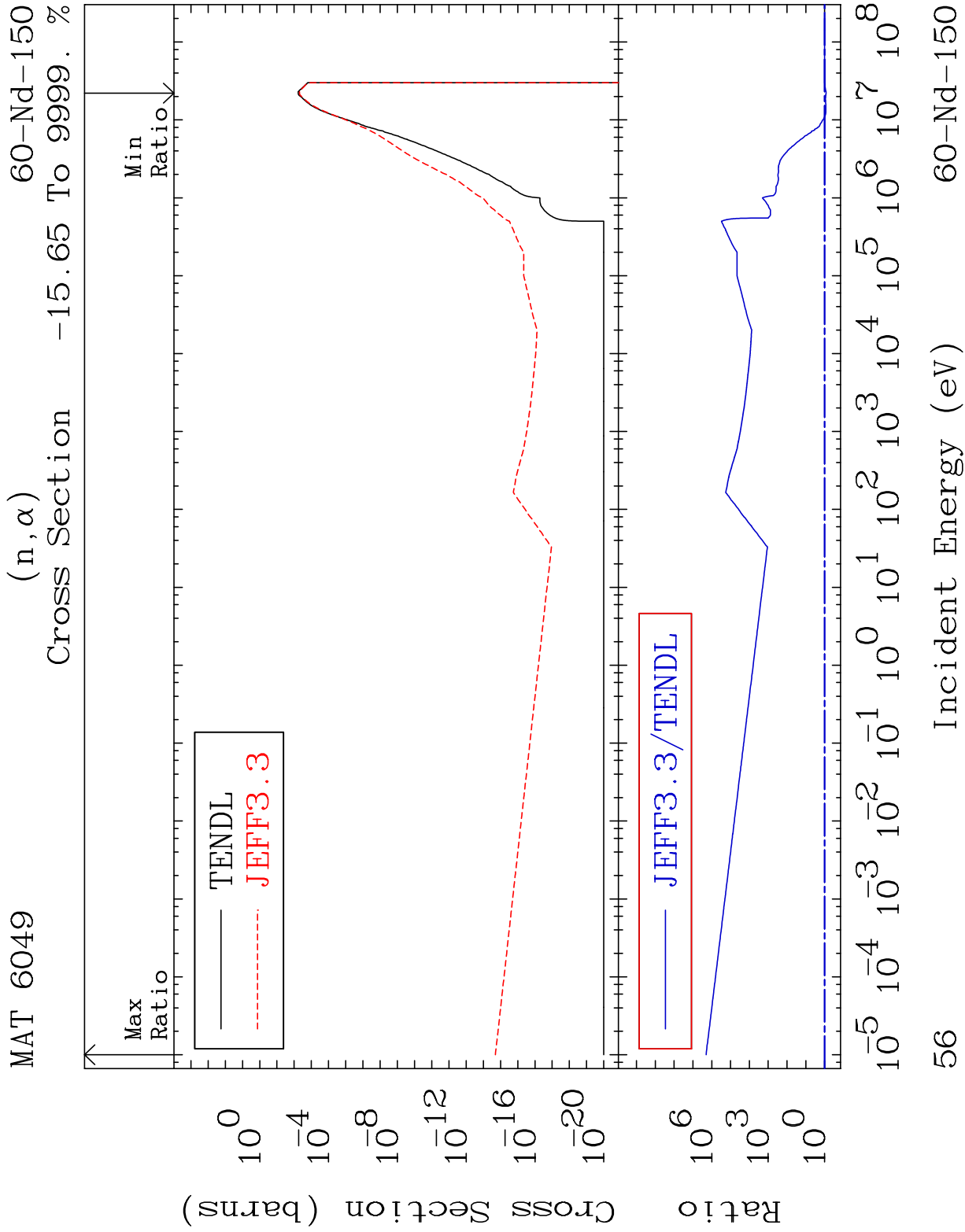


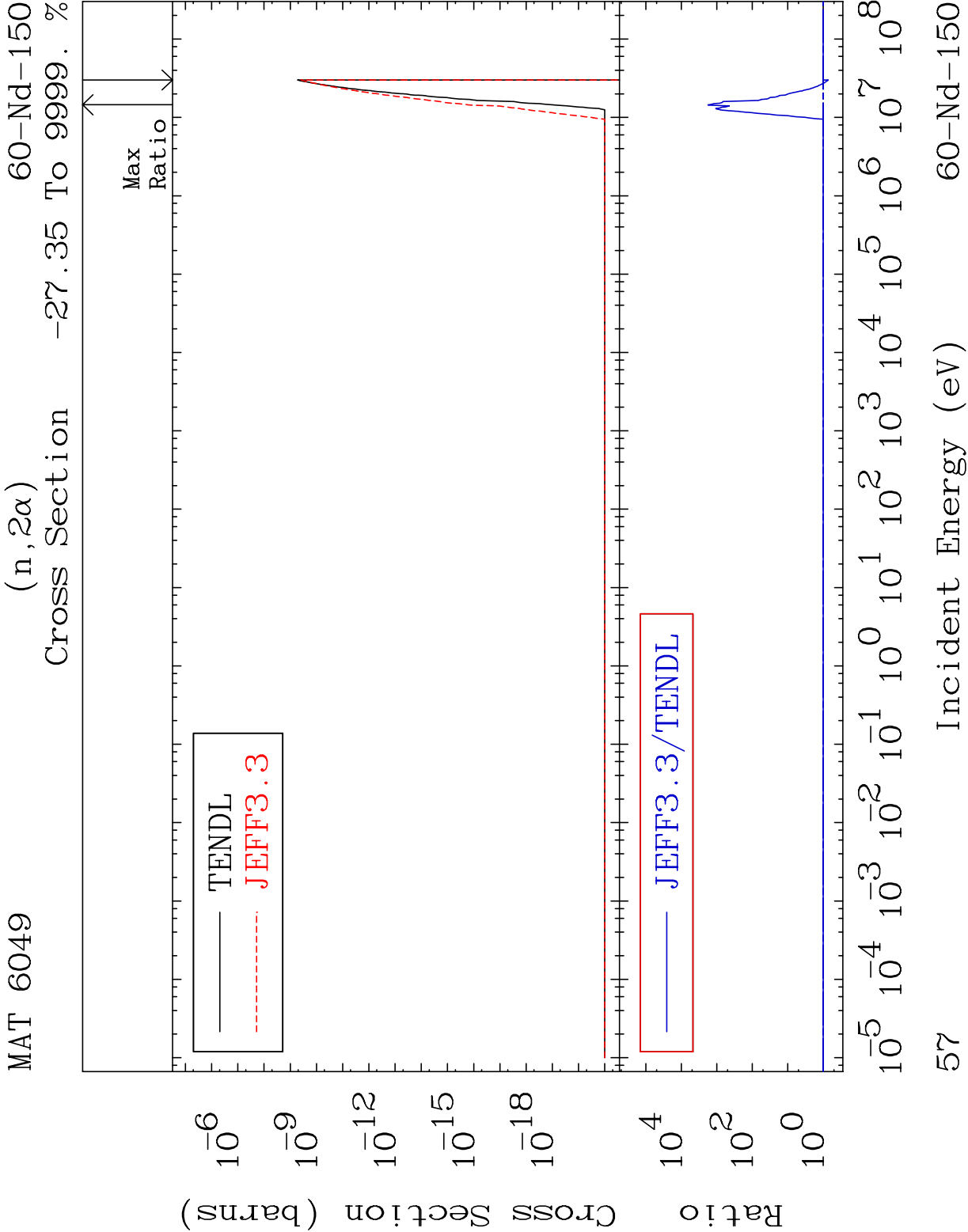


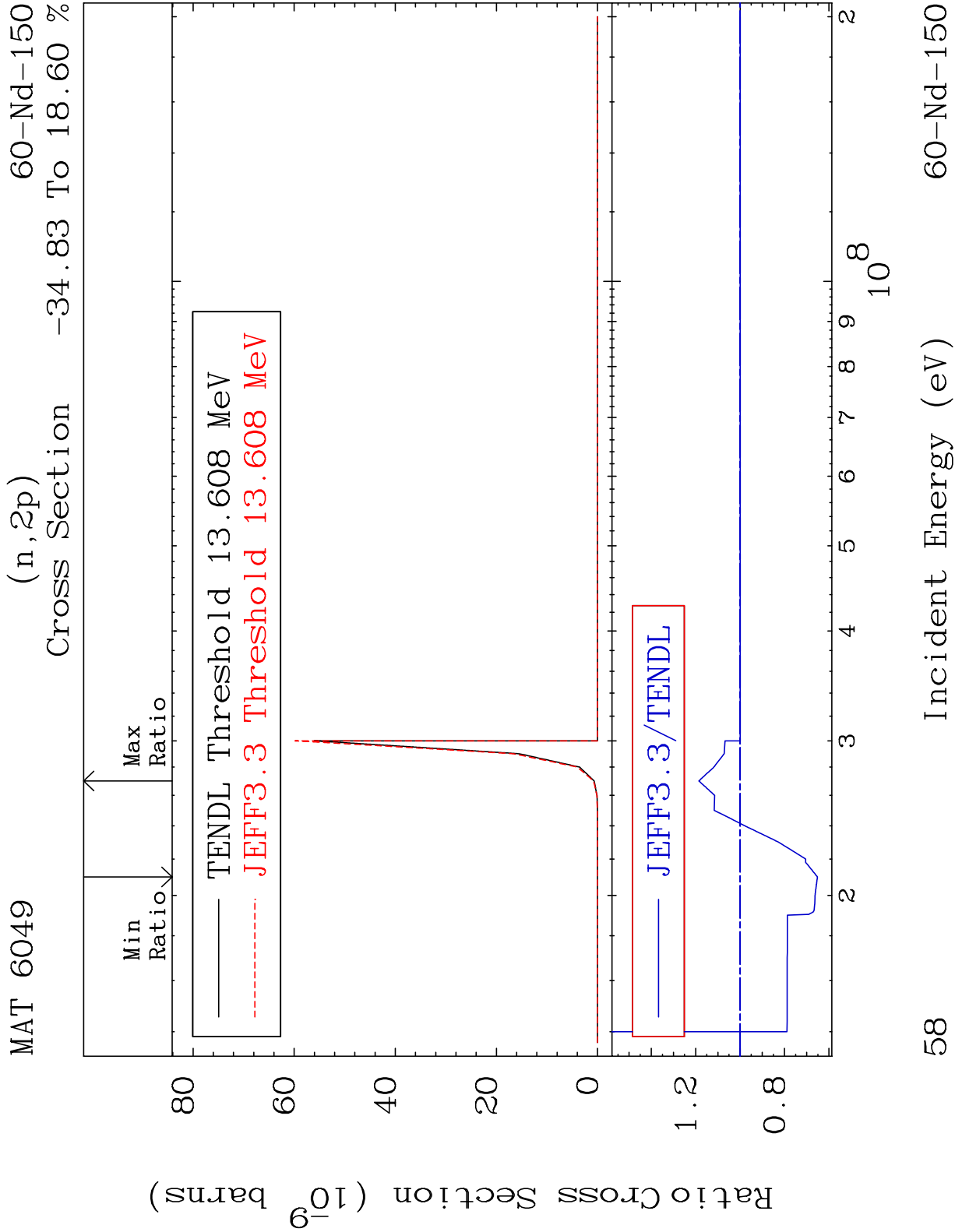


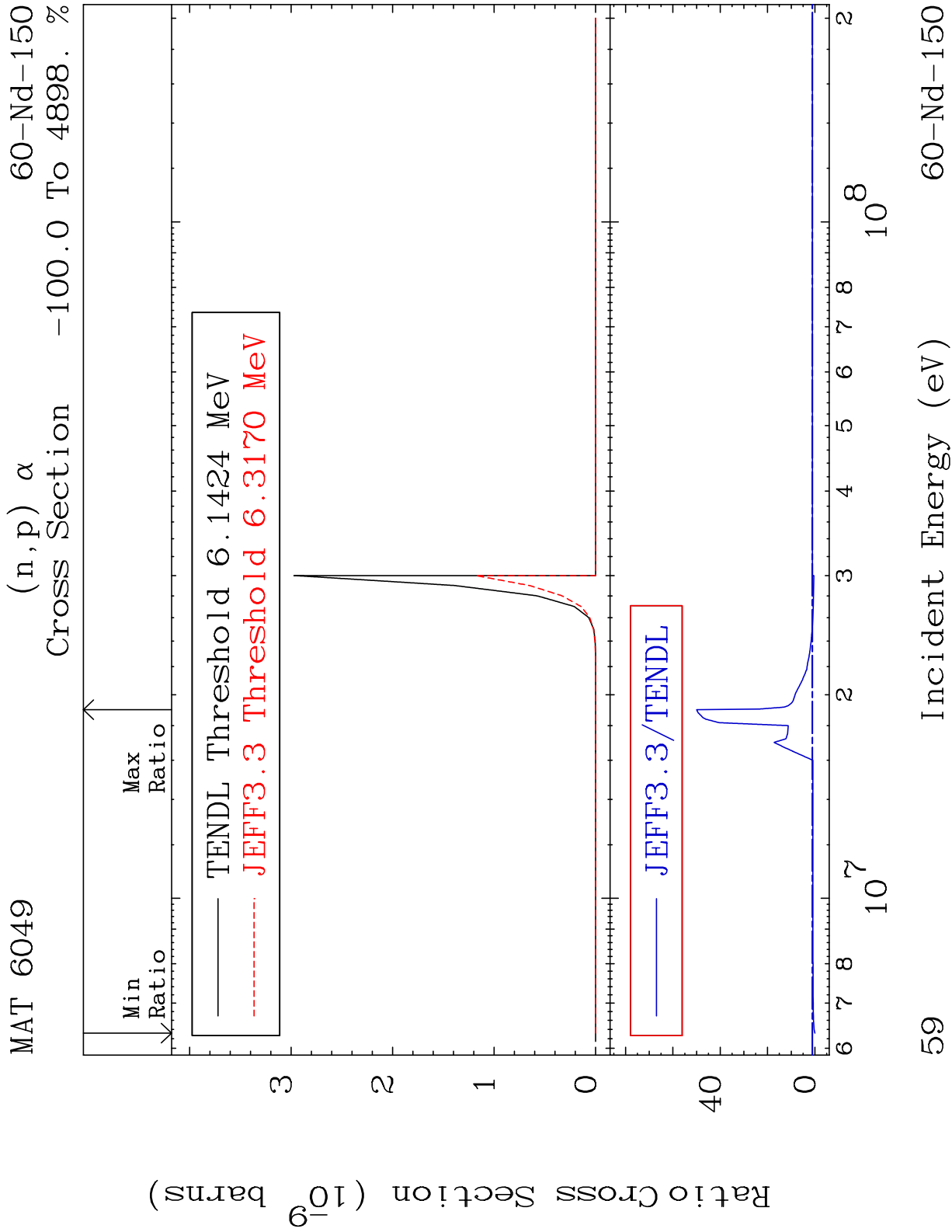




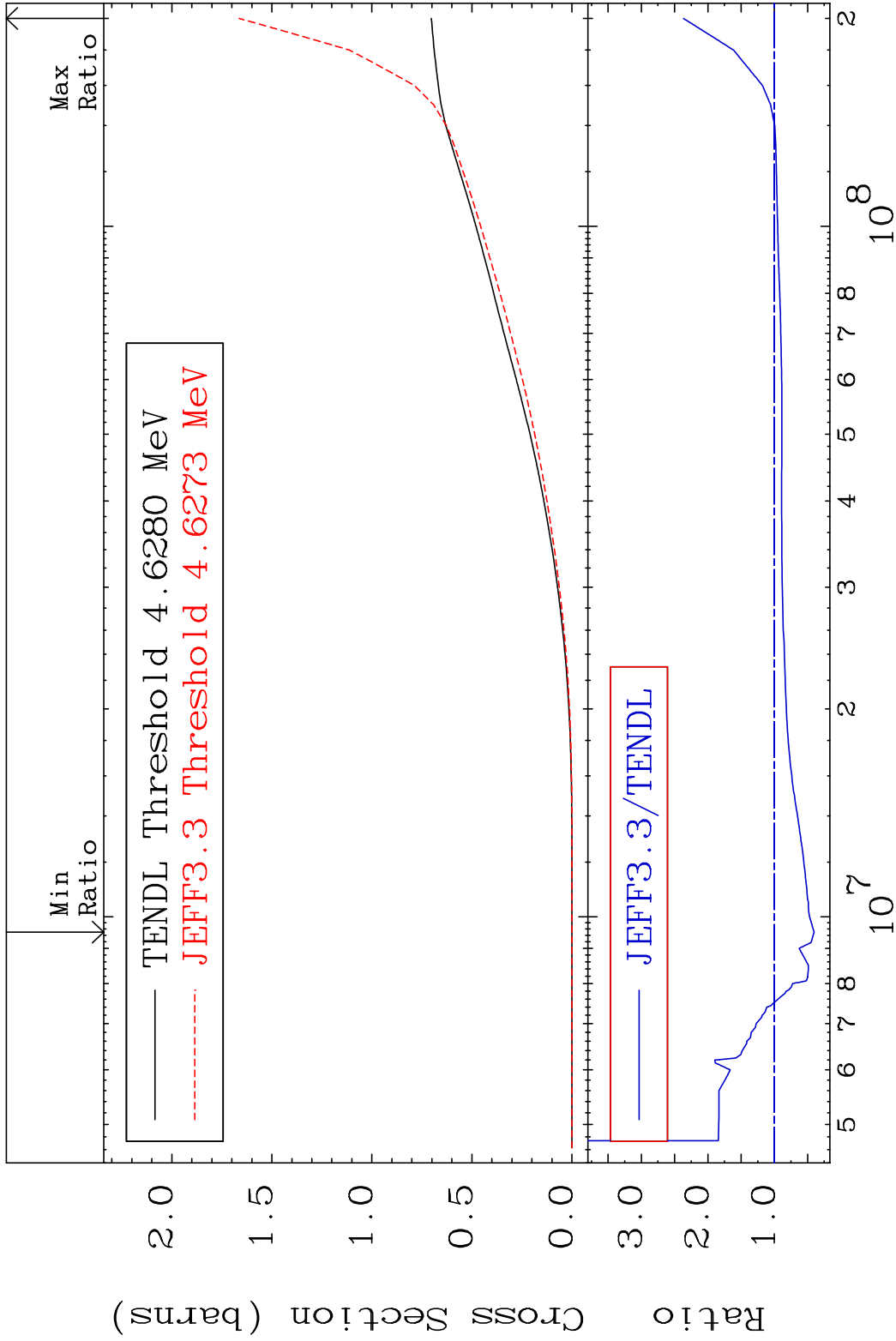






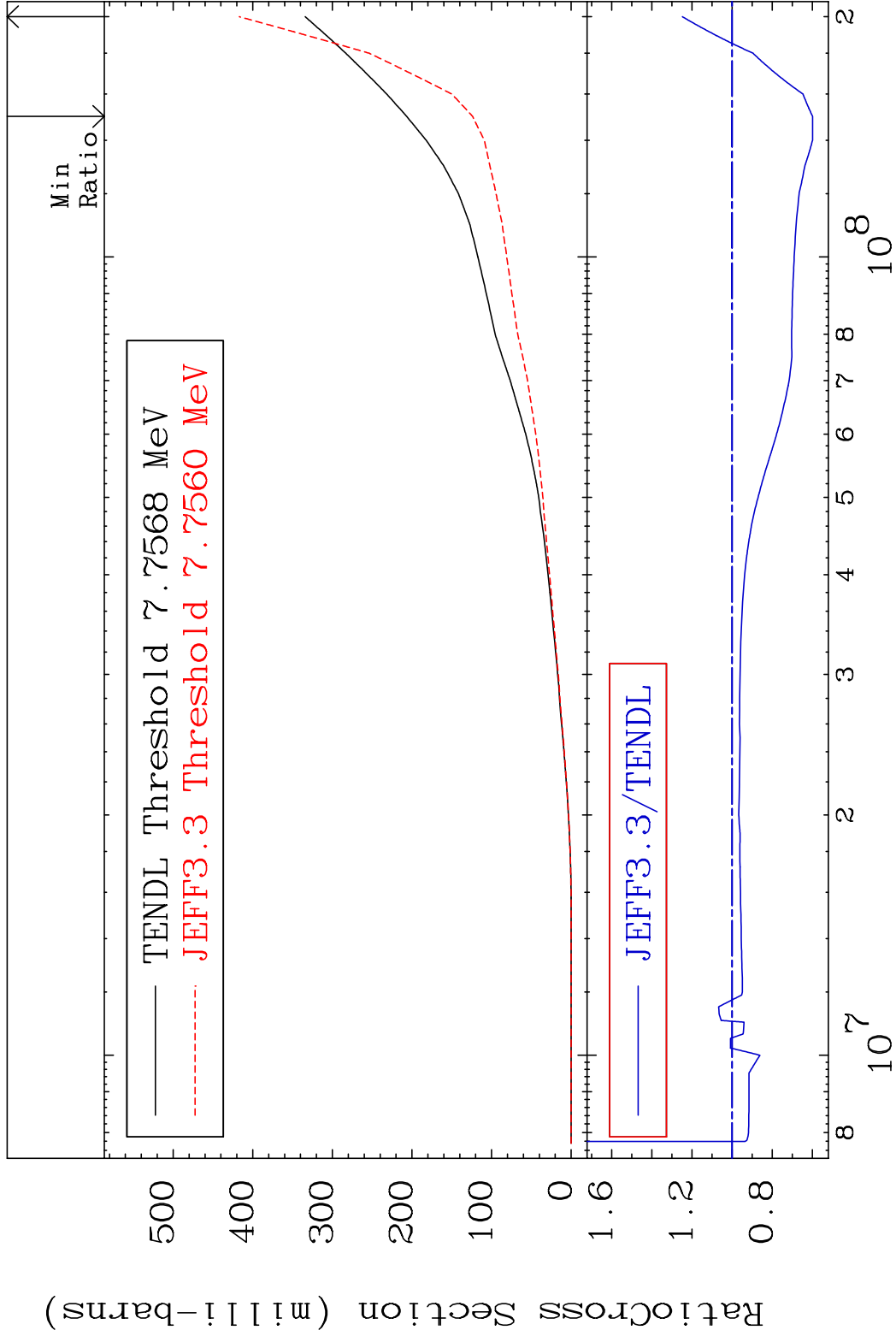


MAT 6049 Hydrogen Production 60-Nd-150
Cross Section -59.65 To 136.7 %

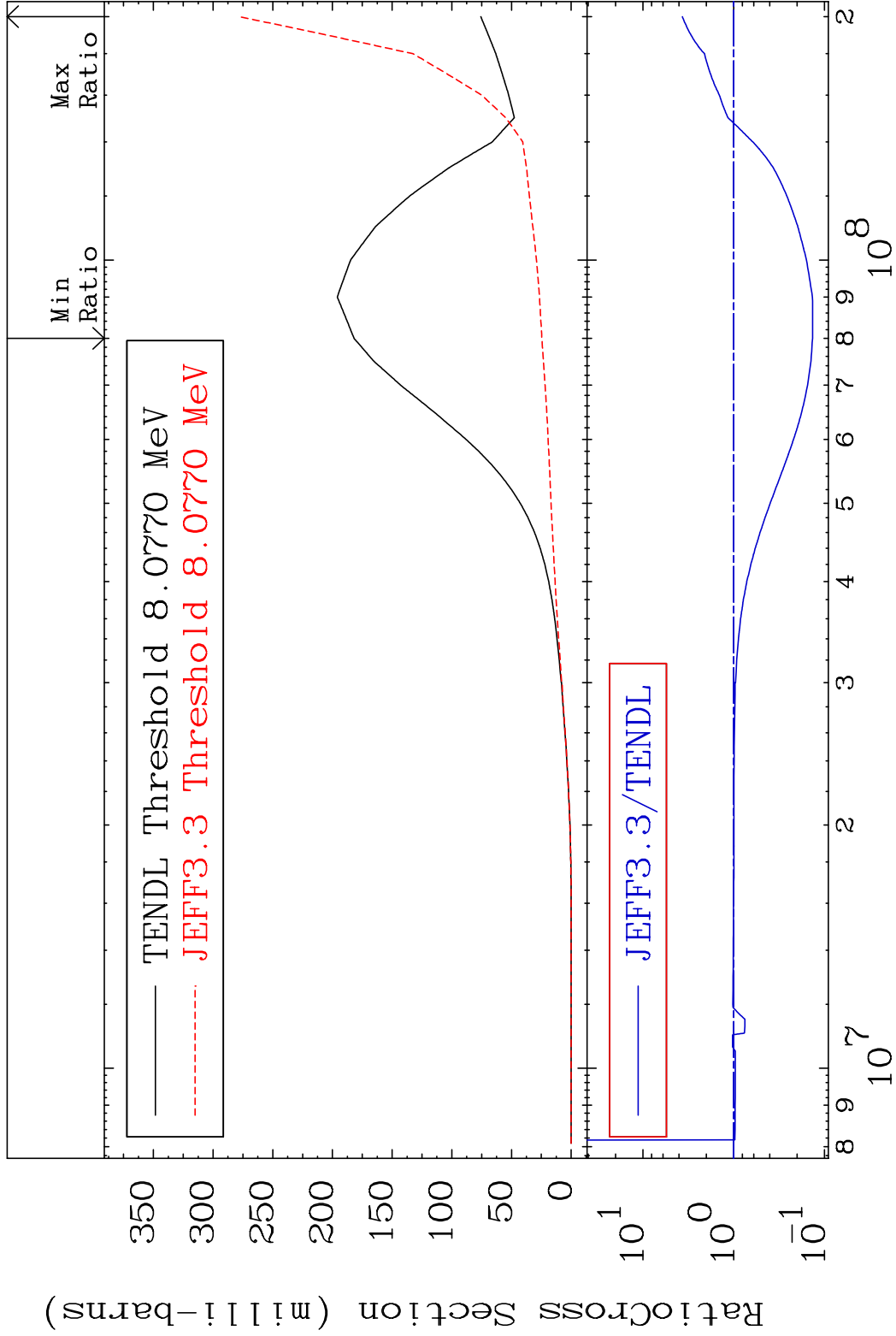


60 Incident Energy (eV) 60-Nd-150

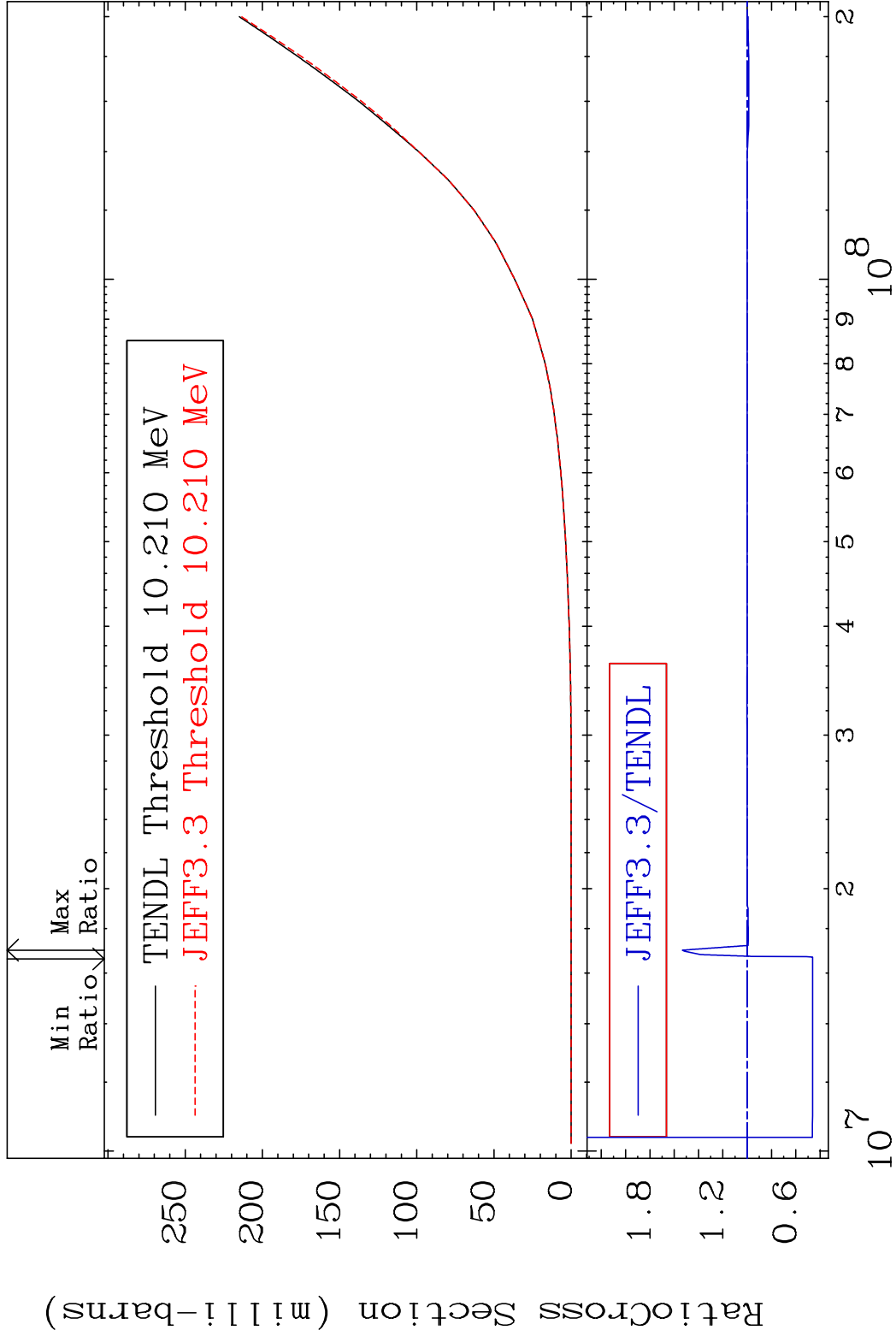
MAT 6049 Deuterium Production 60-Nd-150
Cross Section -40.09 To 24.76 %



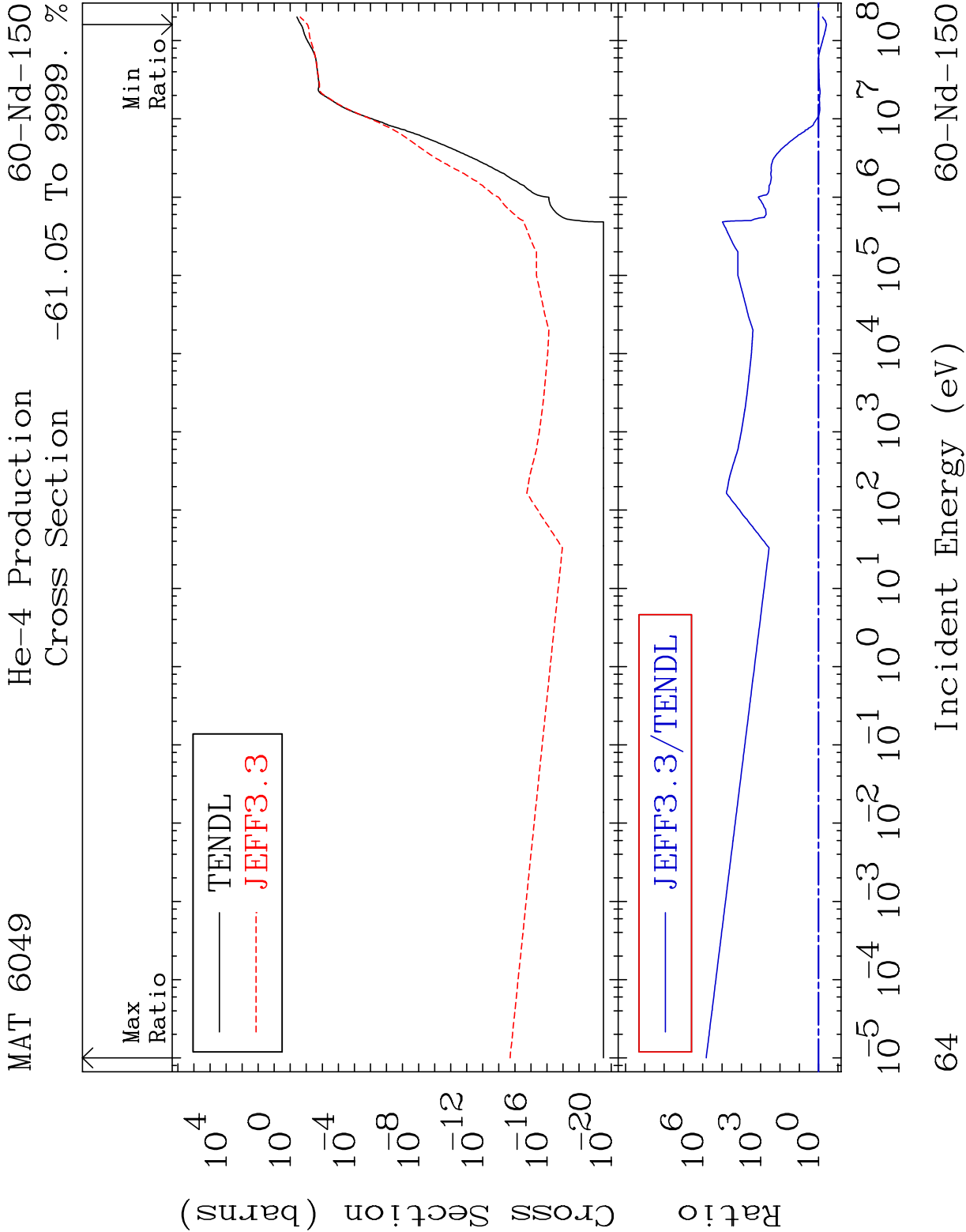
61 Incident Energy (eV) 60-Nd-150



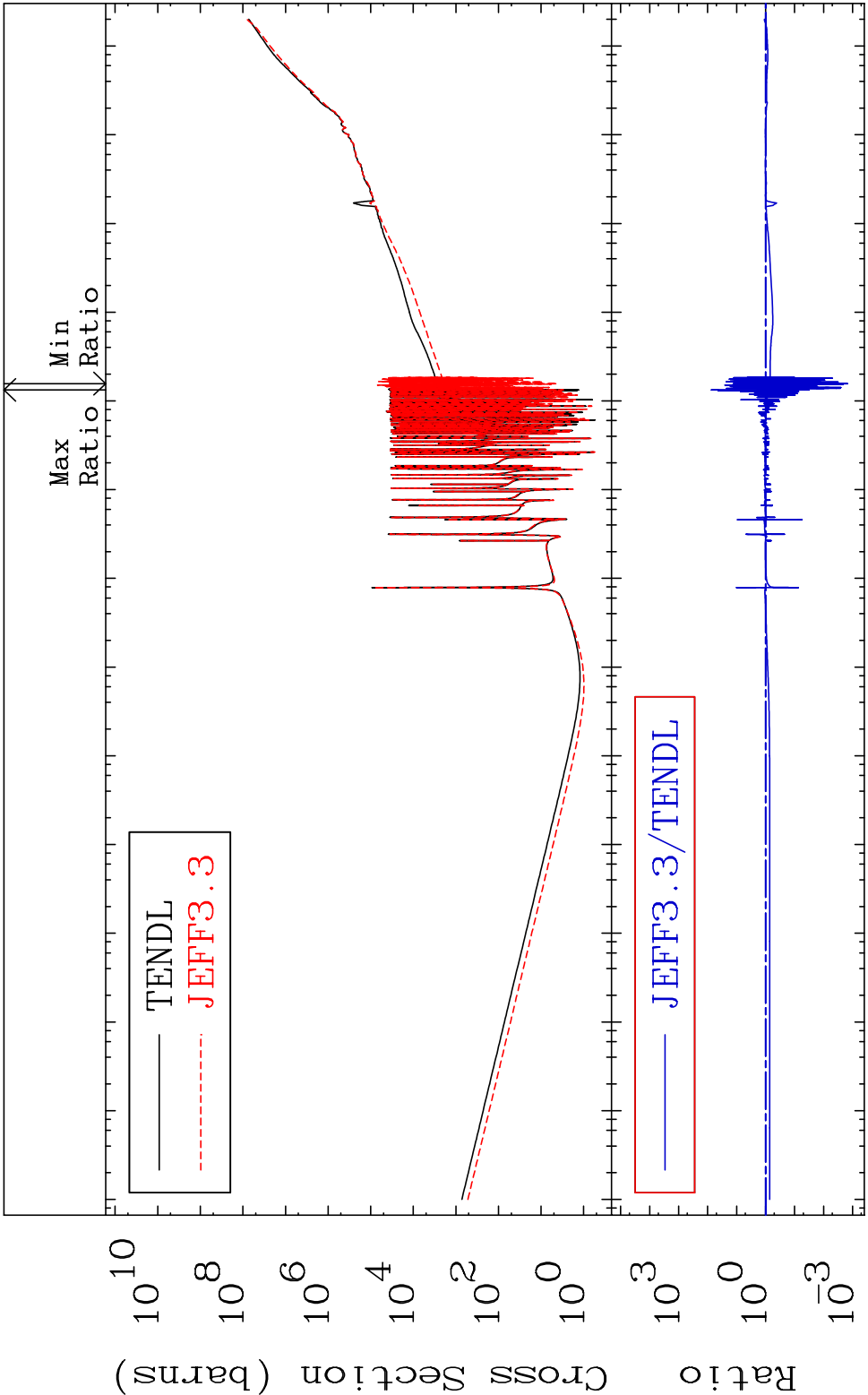
MAT 6049 He-3 Production 60-Nd-150
Cross Section -53.78 To 53.31 %



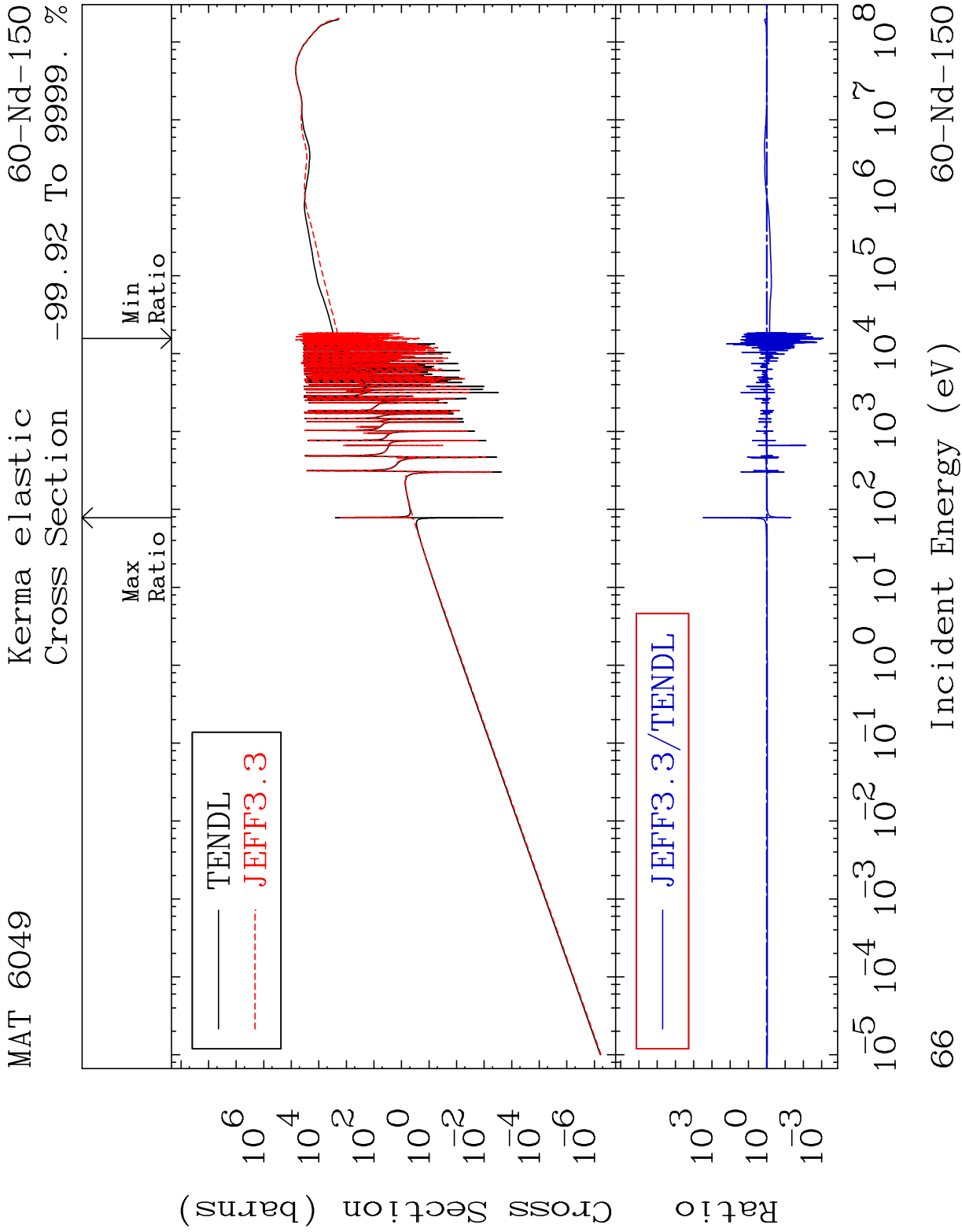
63 Incident Energy (eV) 60-Nd-150



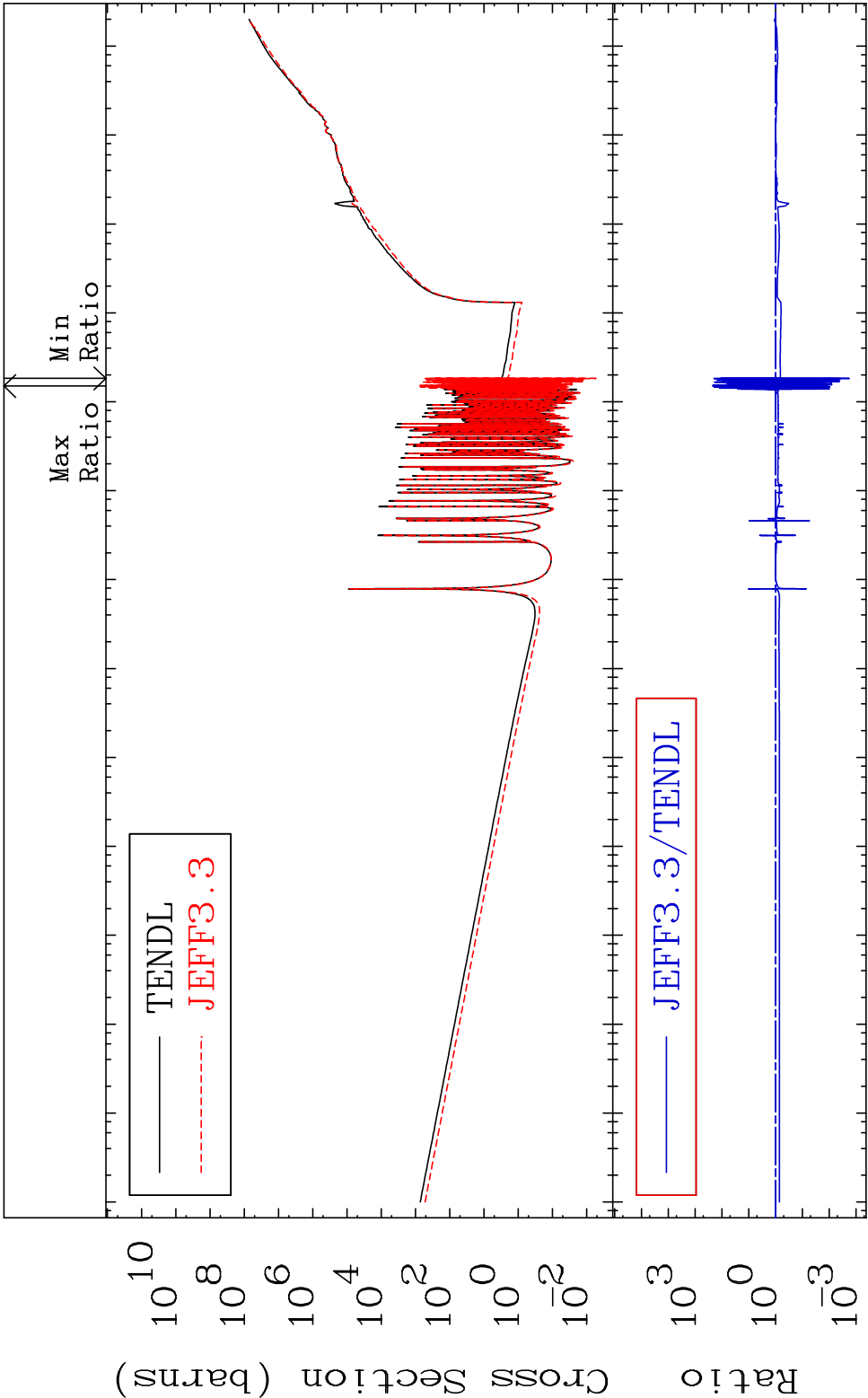
MAT 6049 Kerma total (eV-barns) 60-Nd-150
Cross Section -99.85 To 7334. %

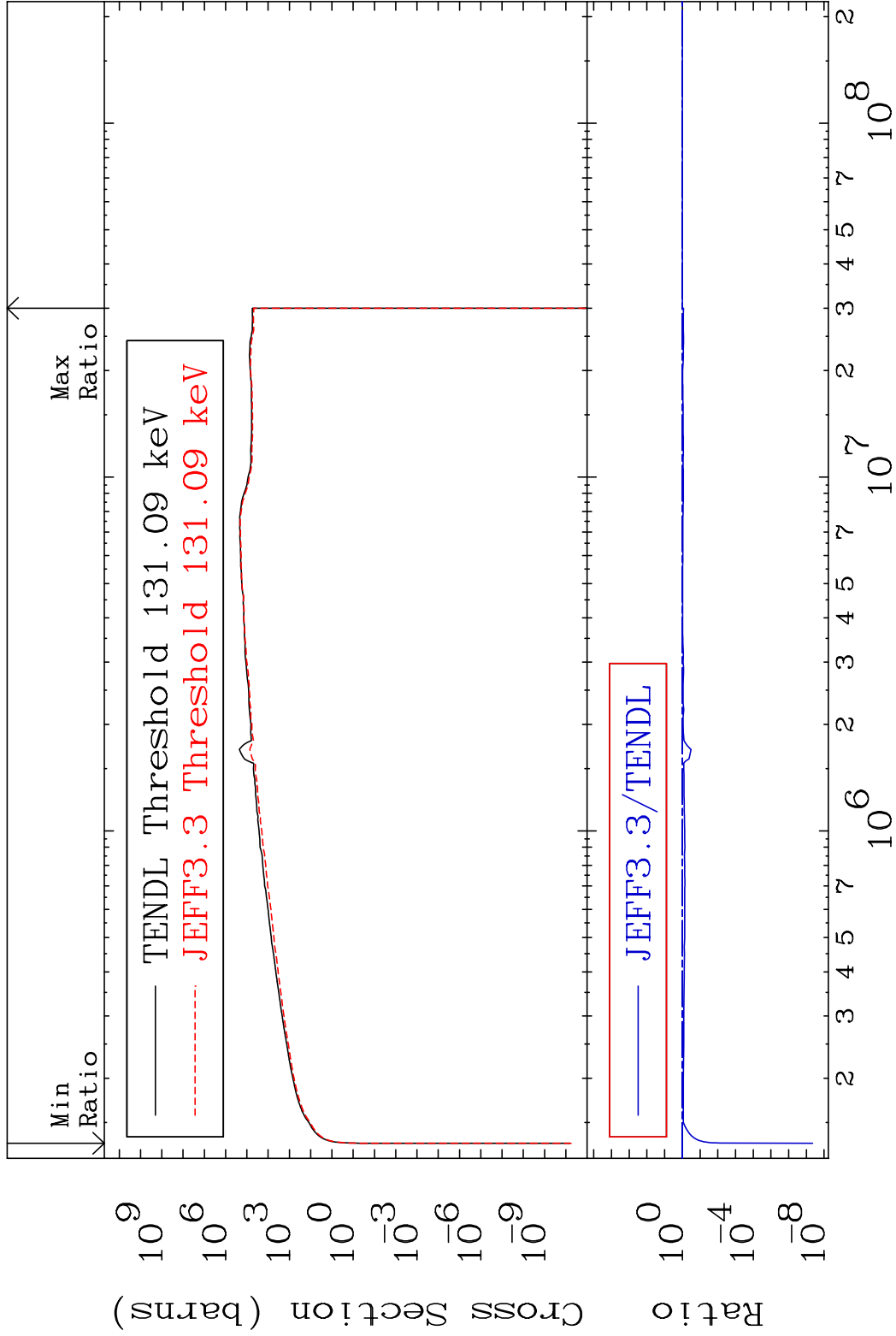


65 Incident Energy (eV) 60-Nd-150



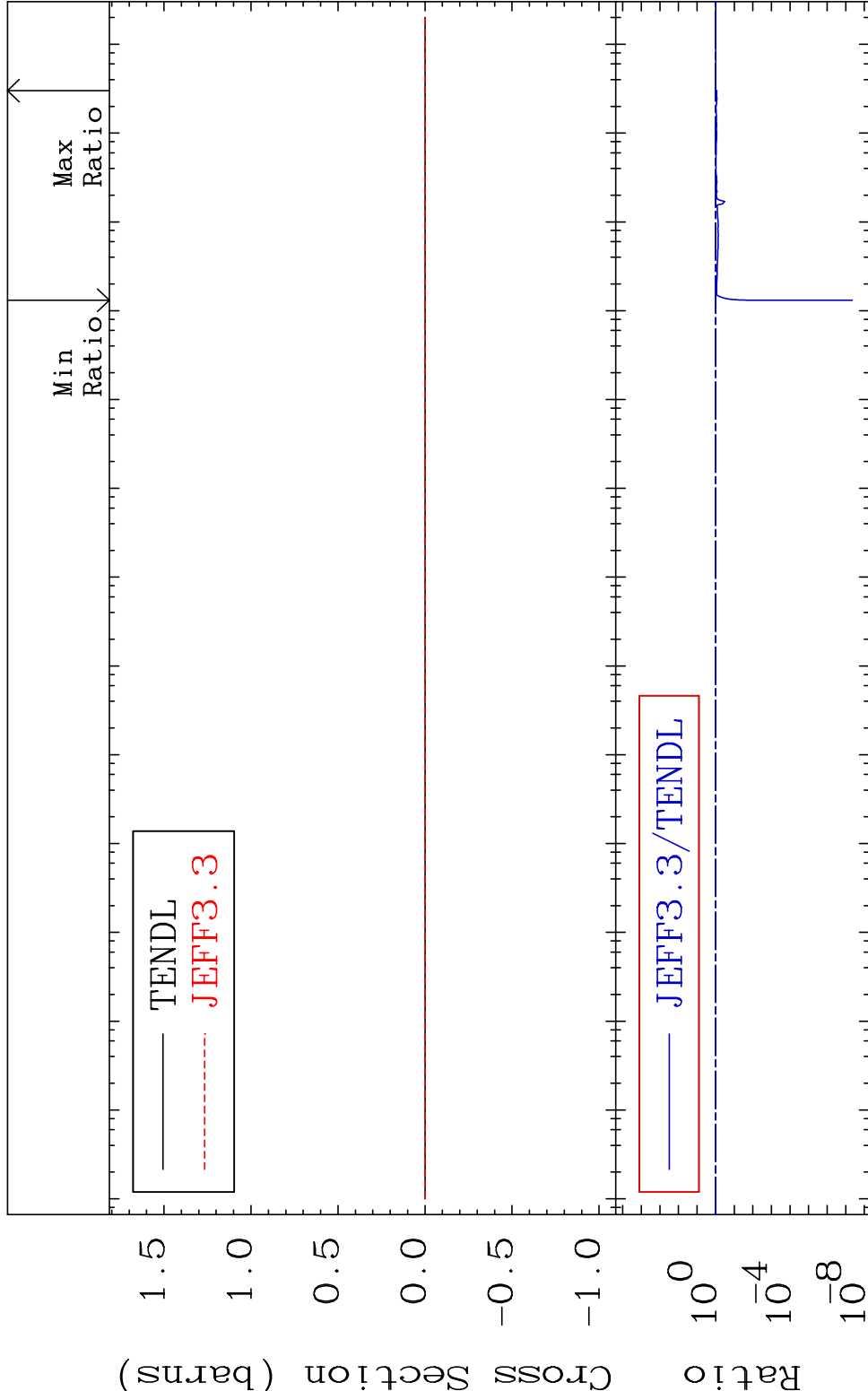
MAT 6049 Kerma non-elastic (all but mt2) 60-Nd-150
 Cross Section -99.83 To 9999. %

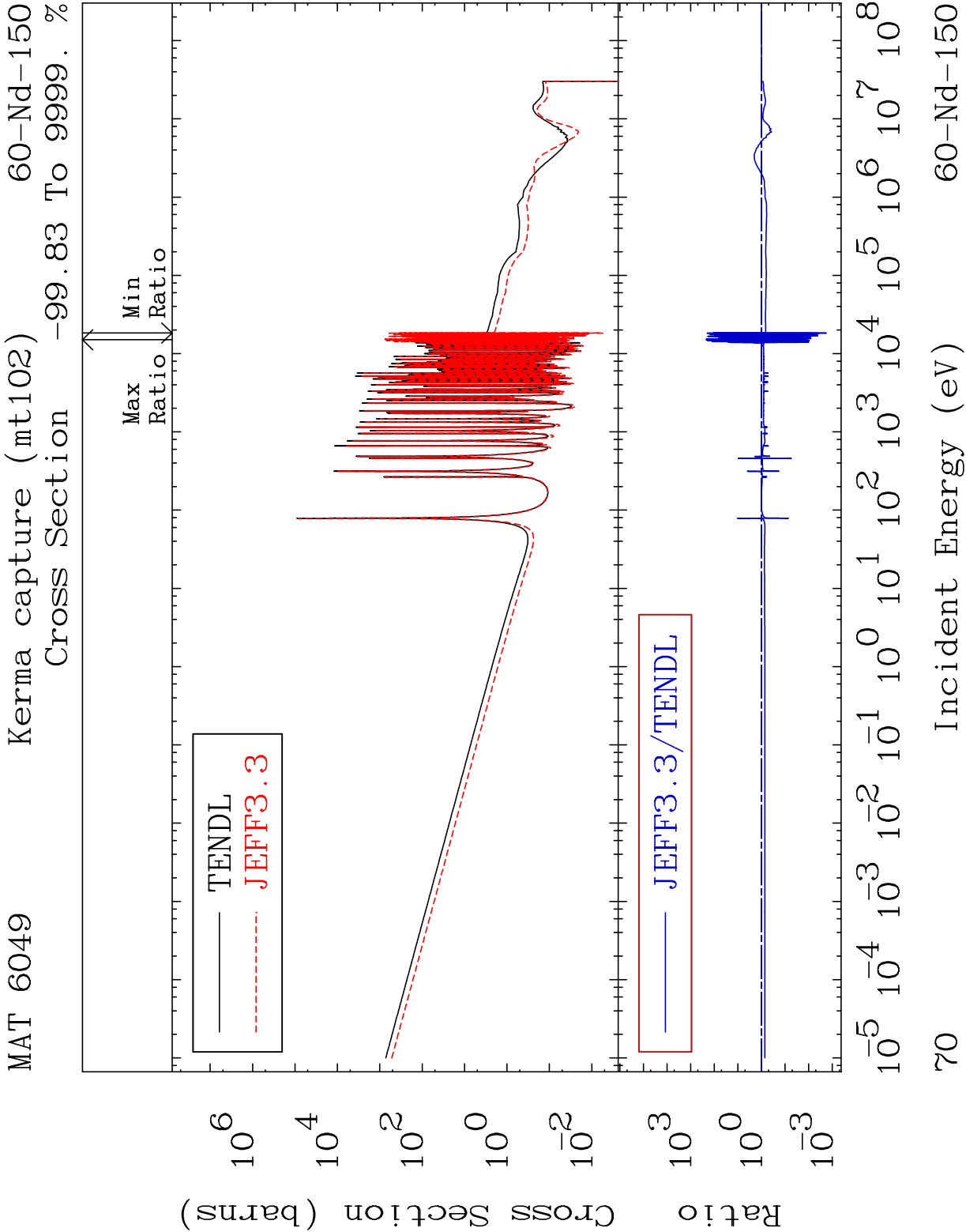


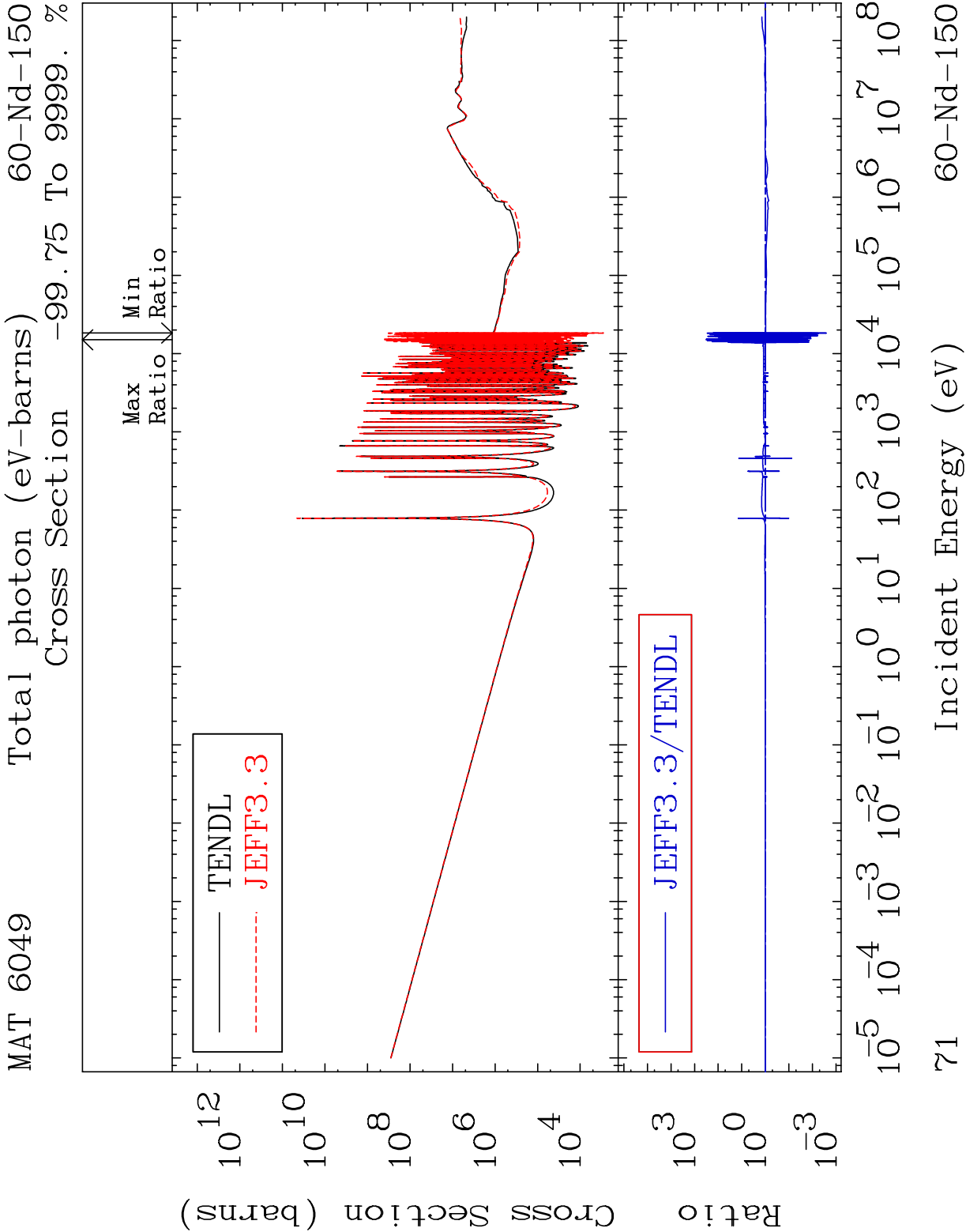


MAT 6049Kerma fission (mt18 or mt19-20-21-38)60-Nd-150

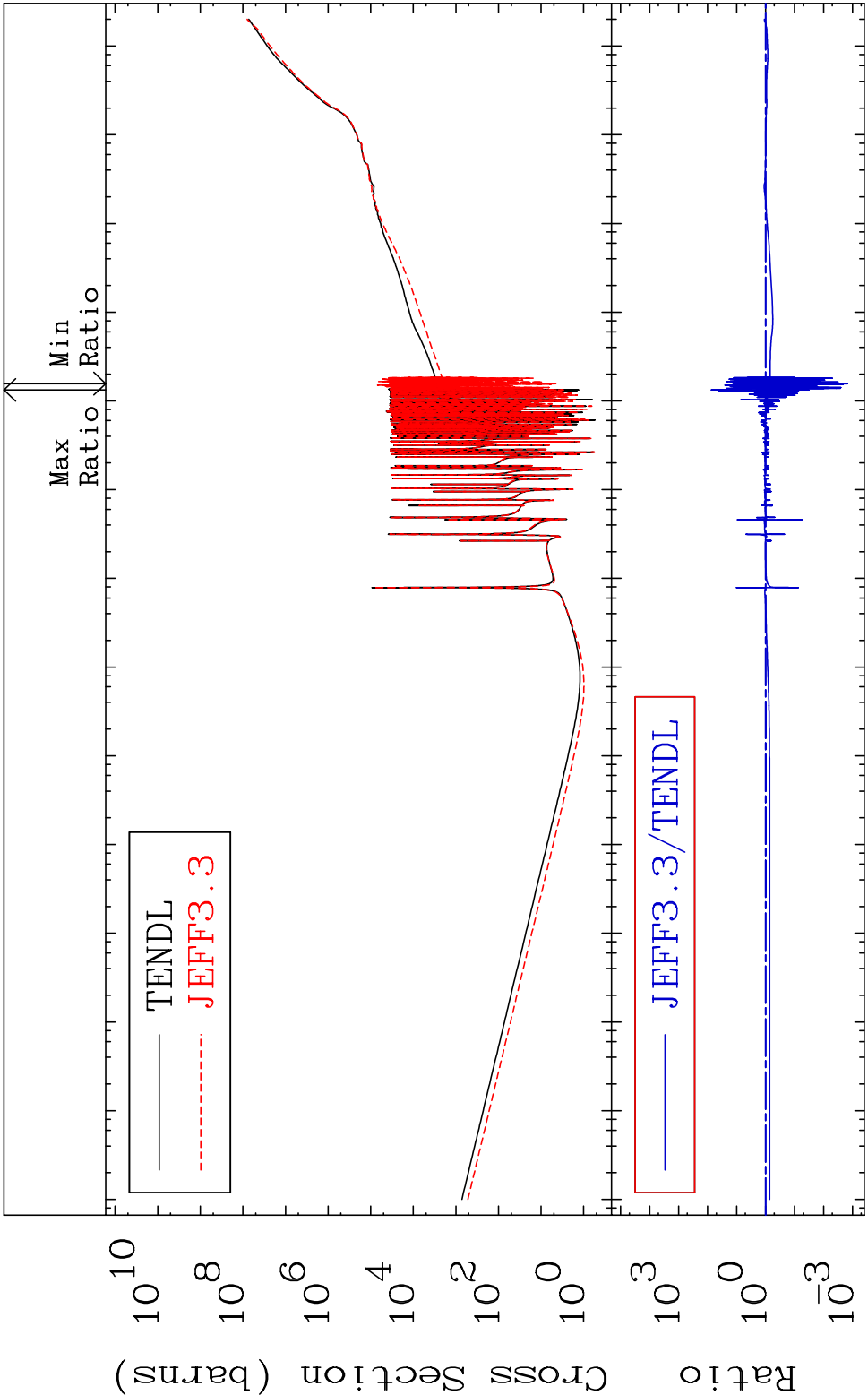
Cross Section -100.0 To 0.000 %



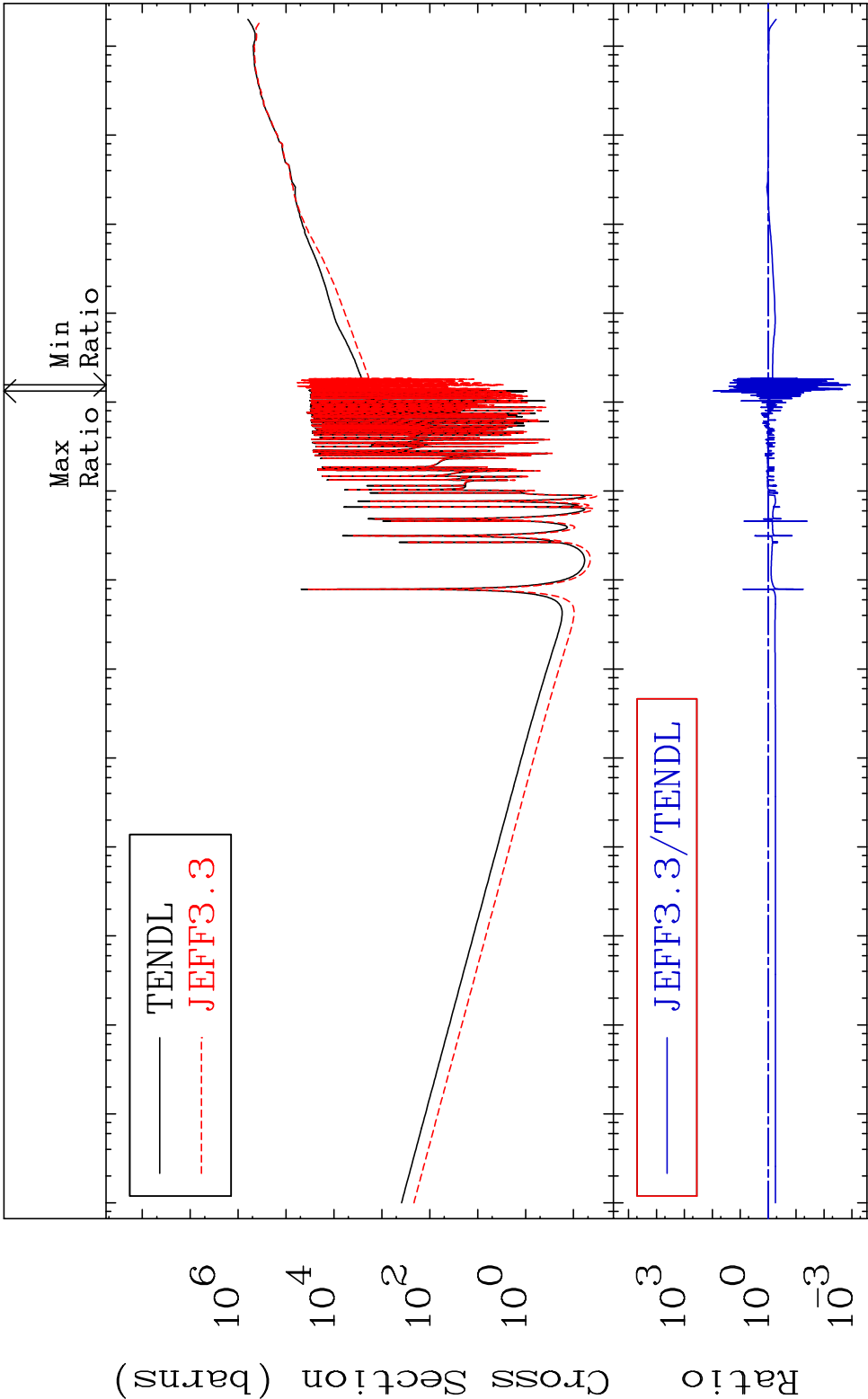




MAT 6049 Total kinematic kerma (high limit) 60-Nd-150
Cross Section -99.85 To 7334. %

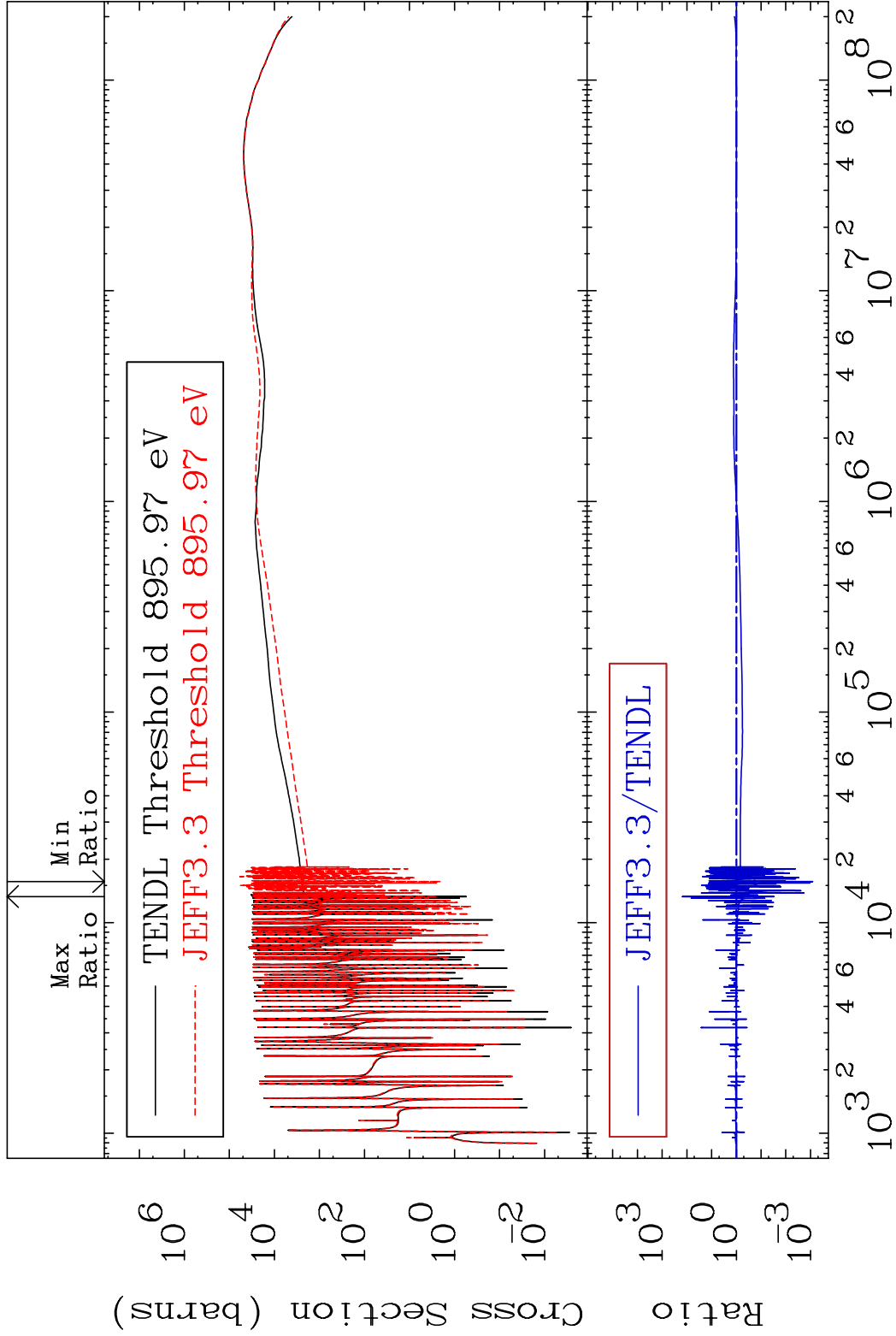


MAT 6049 Dpa total (eV-barns) 60-Nd-150
Cross Section -99.89 To 8935. %

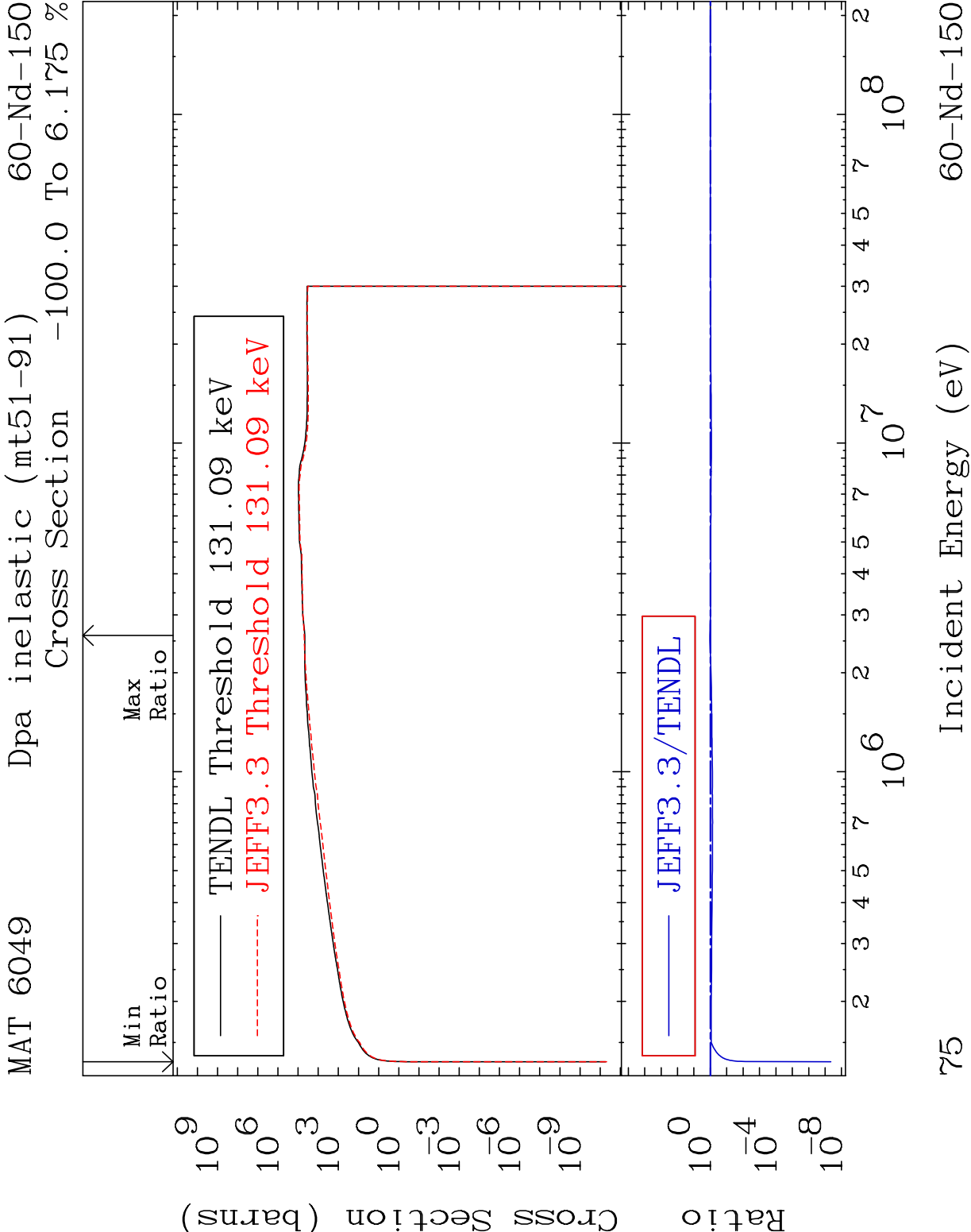


73 Incident Energy (eV) 60-Nd-150

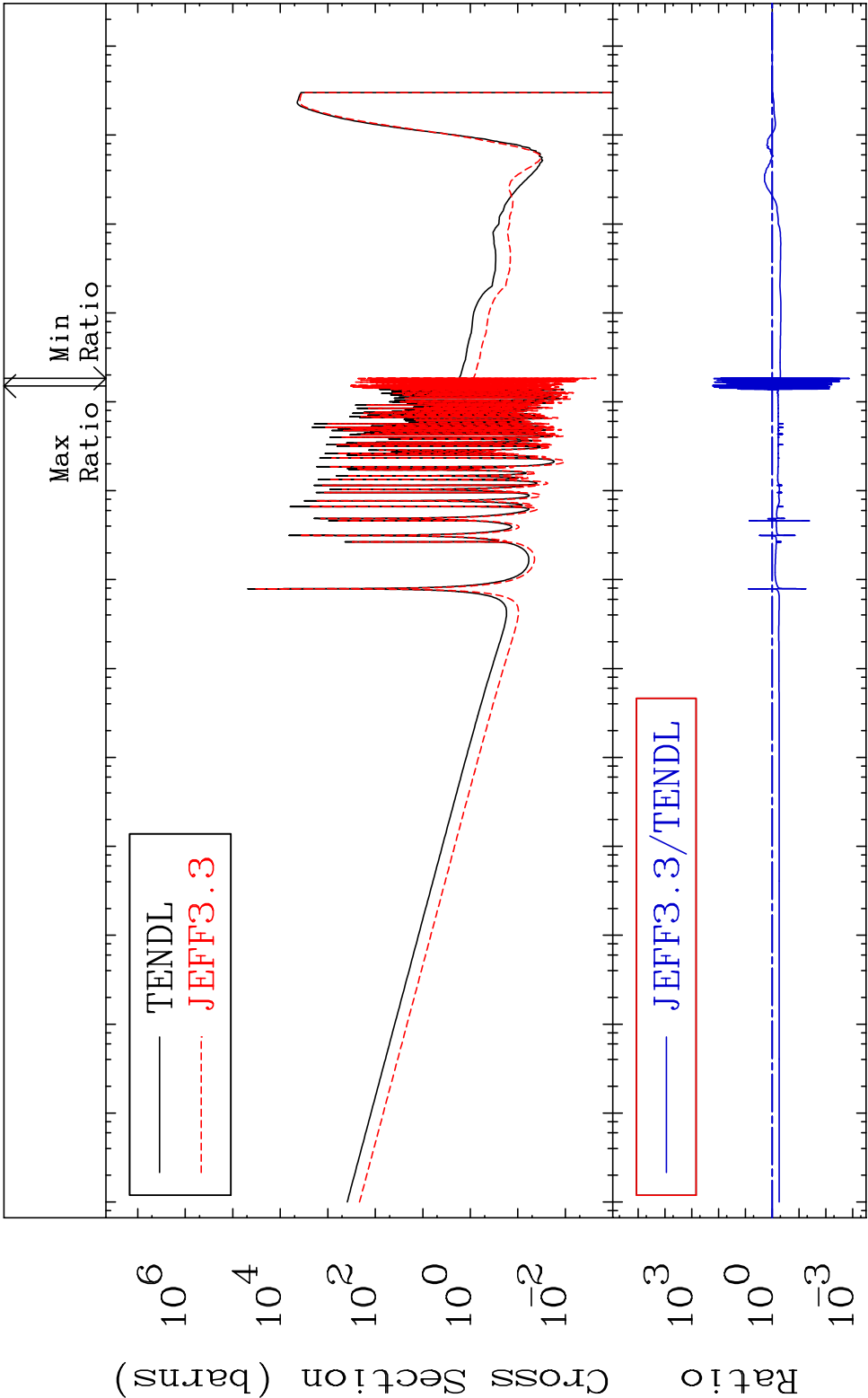
MAT 6049 Dpa elastic (mt2) 60-Nd-150
Cross Section -99.92 To 9999. %



74 Incident Energy (eV) 60-Nd-150



MAT 6049 Dpa disappearance (mt102 -120) 60-Nd-150
Cross Section -99.87 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

76 Incident Energy (eV) 60-Nd-150

