

Program Complot
(Version 2021-1)

by

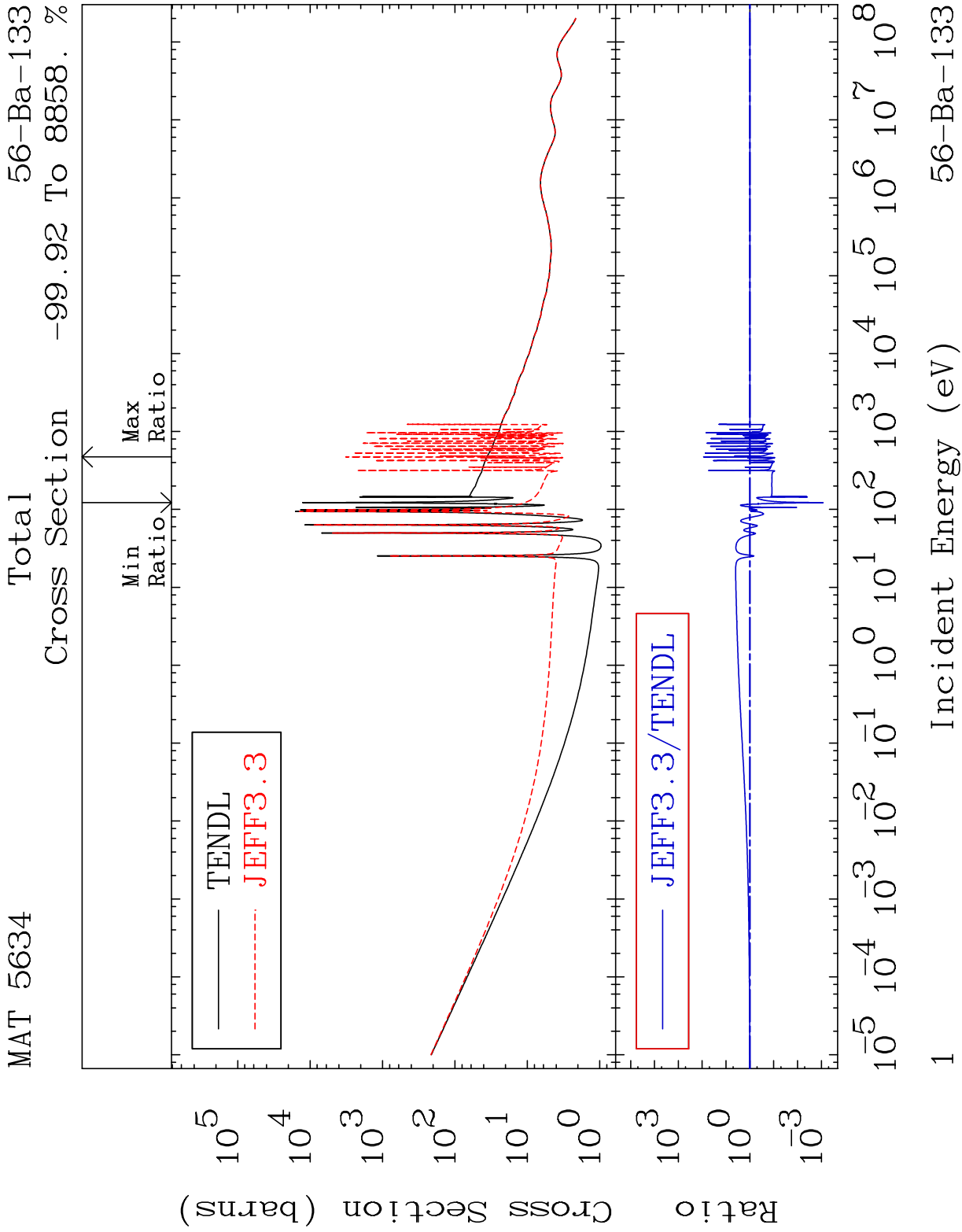
Dermott E. Cullen
(Present Contact Information)

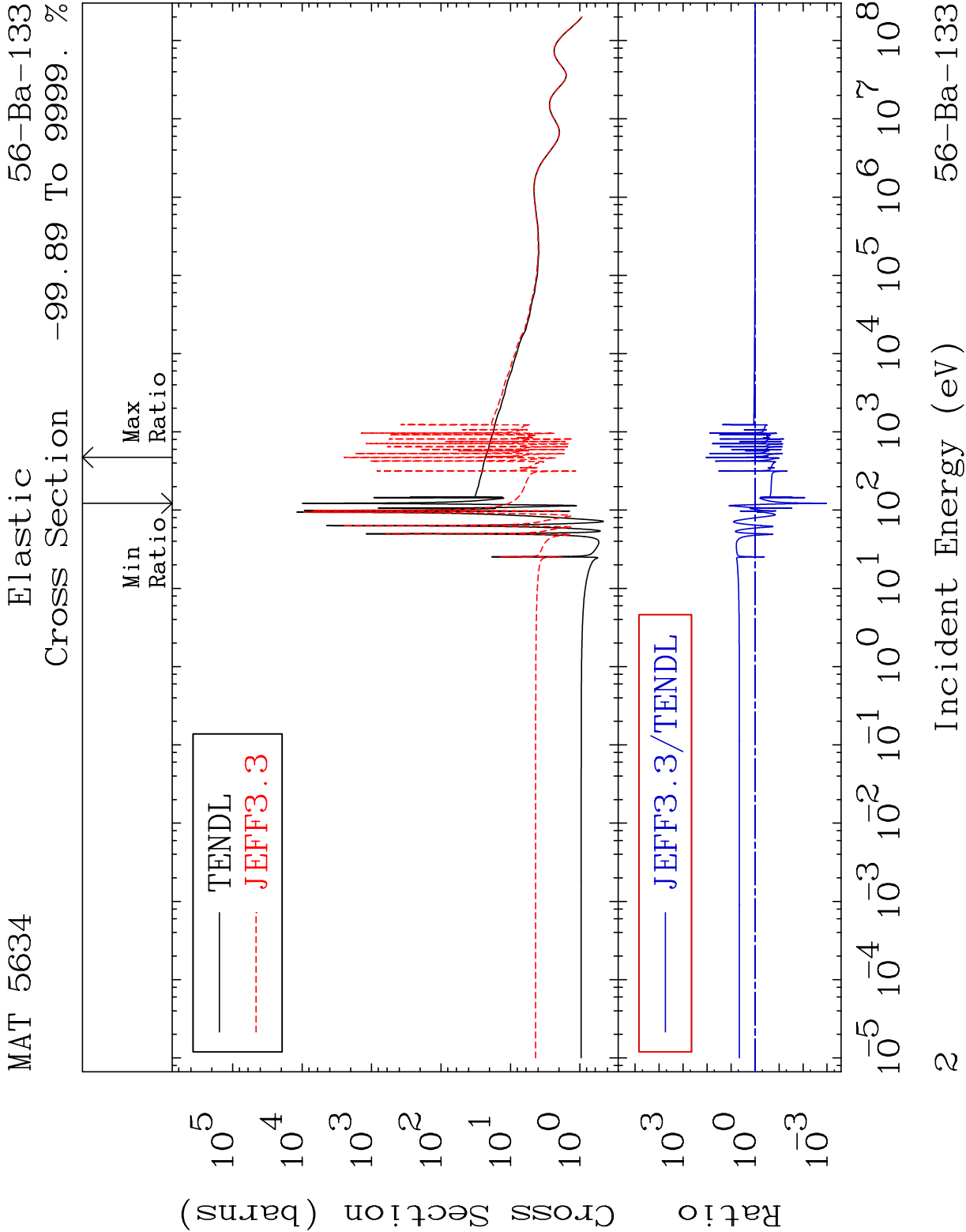
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Press Mouse Button to Start





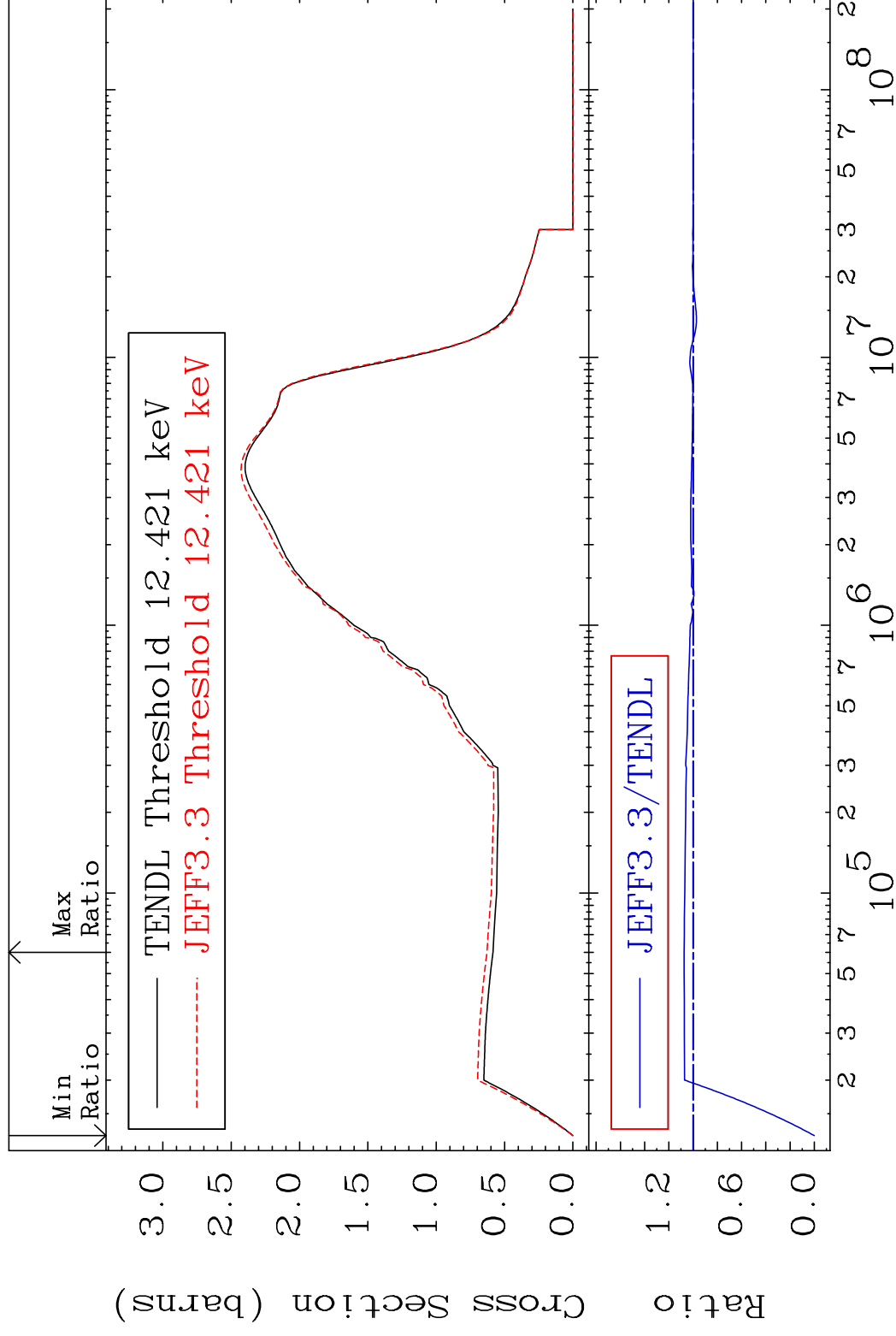
MAT 5634

Inelastic

56-Ba-133

Cross Section

-100.0 To 7.466 %

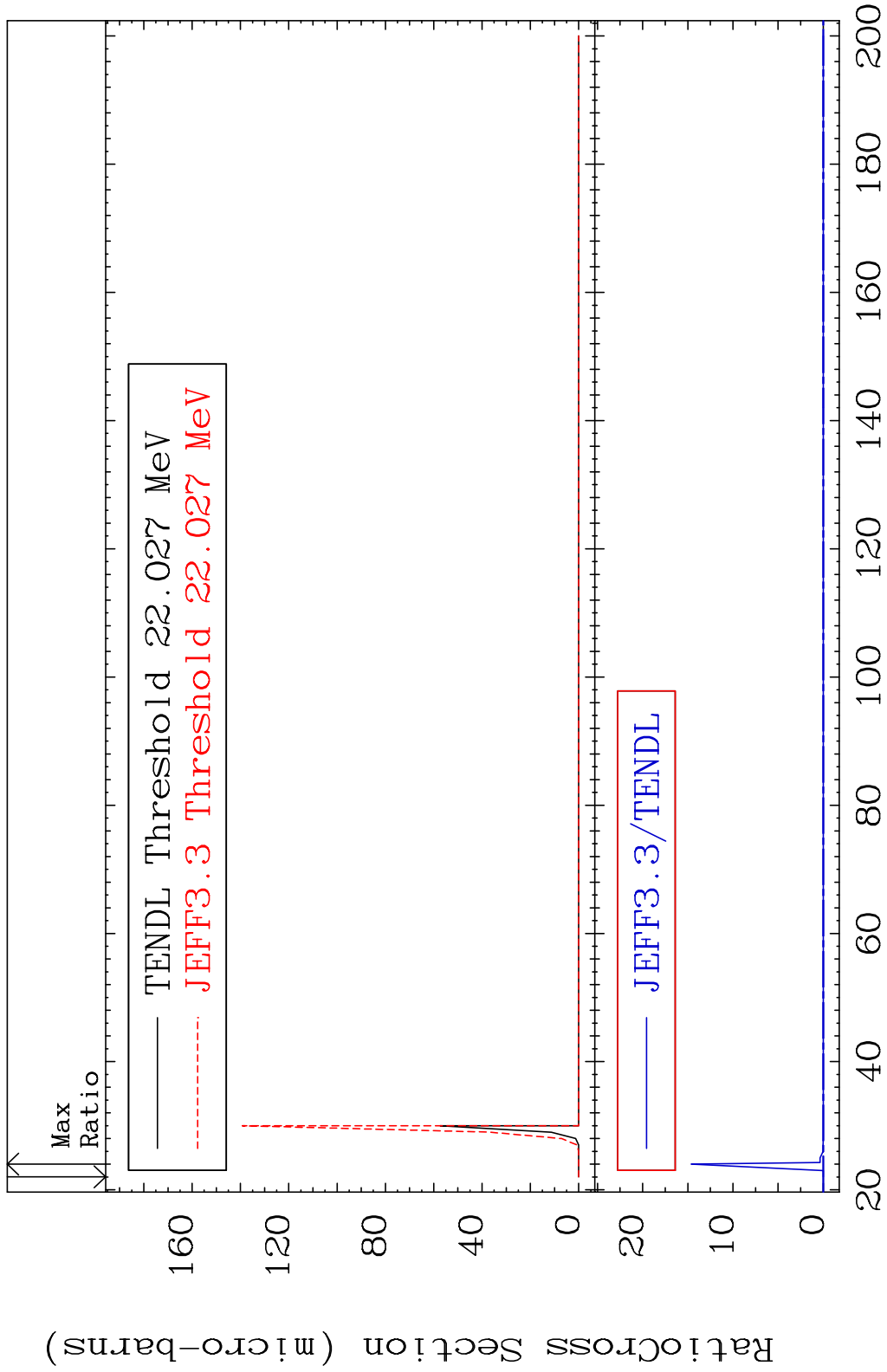


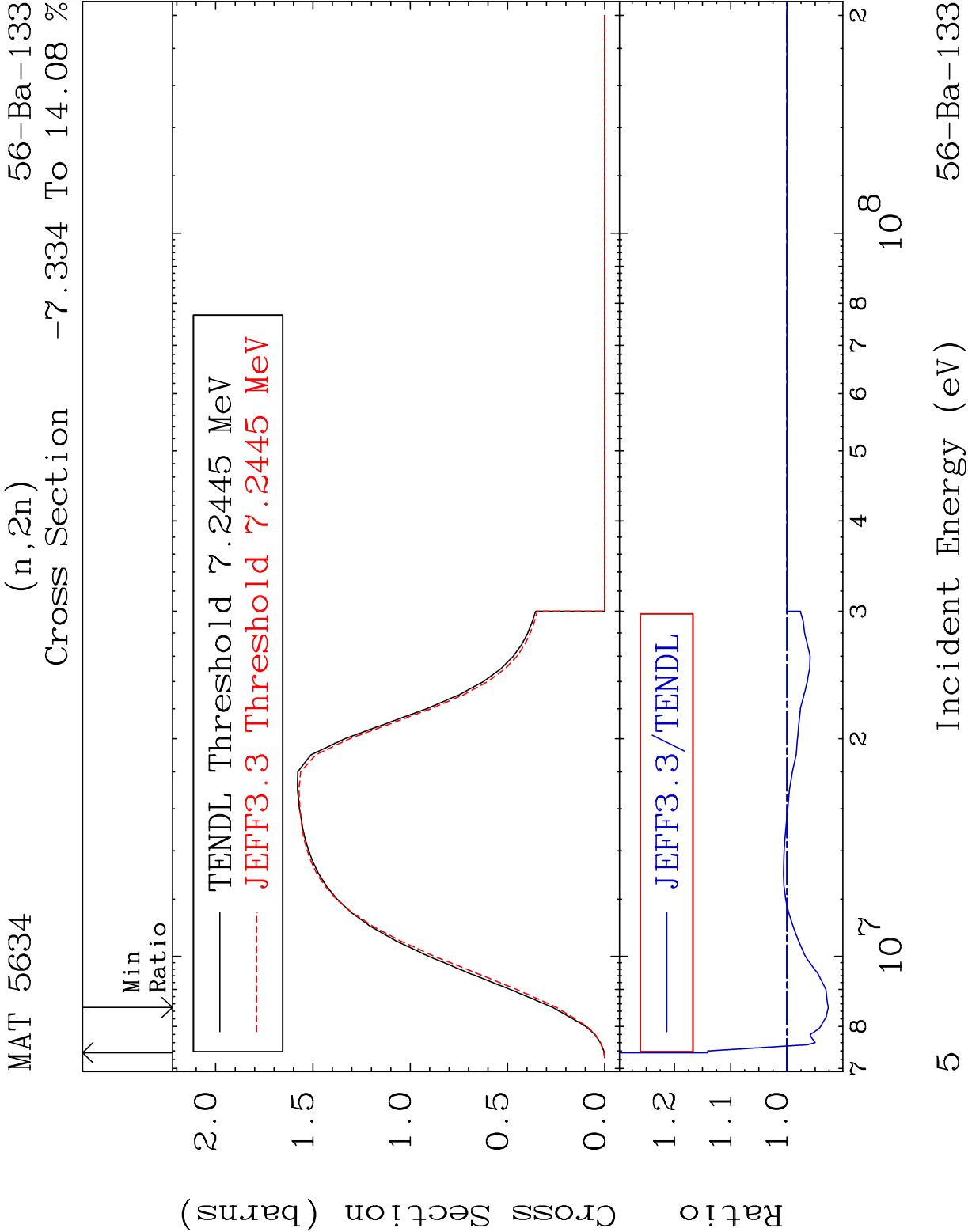
3

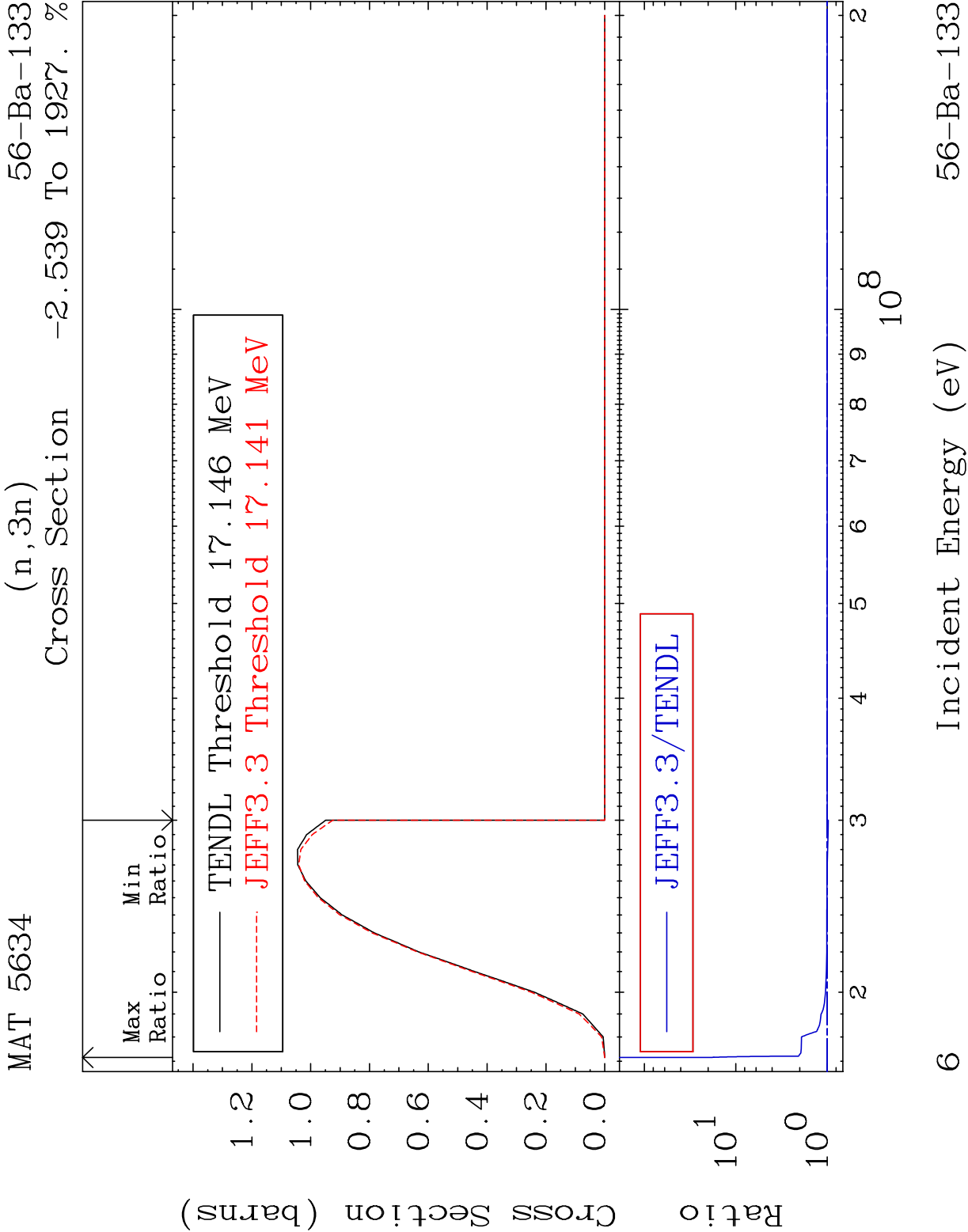
Incident Energy (eV)

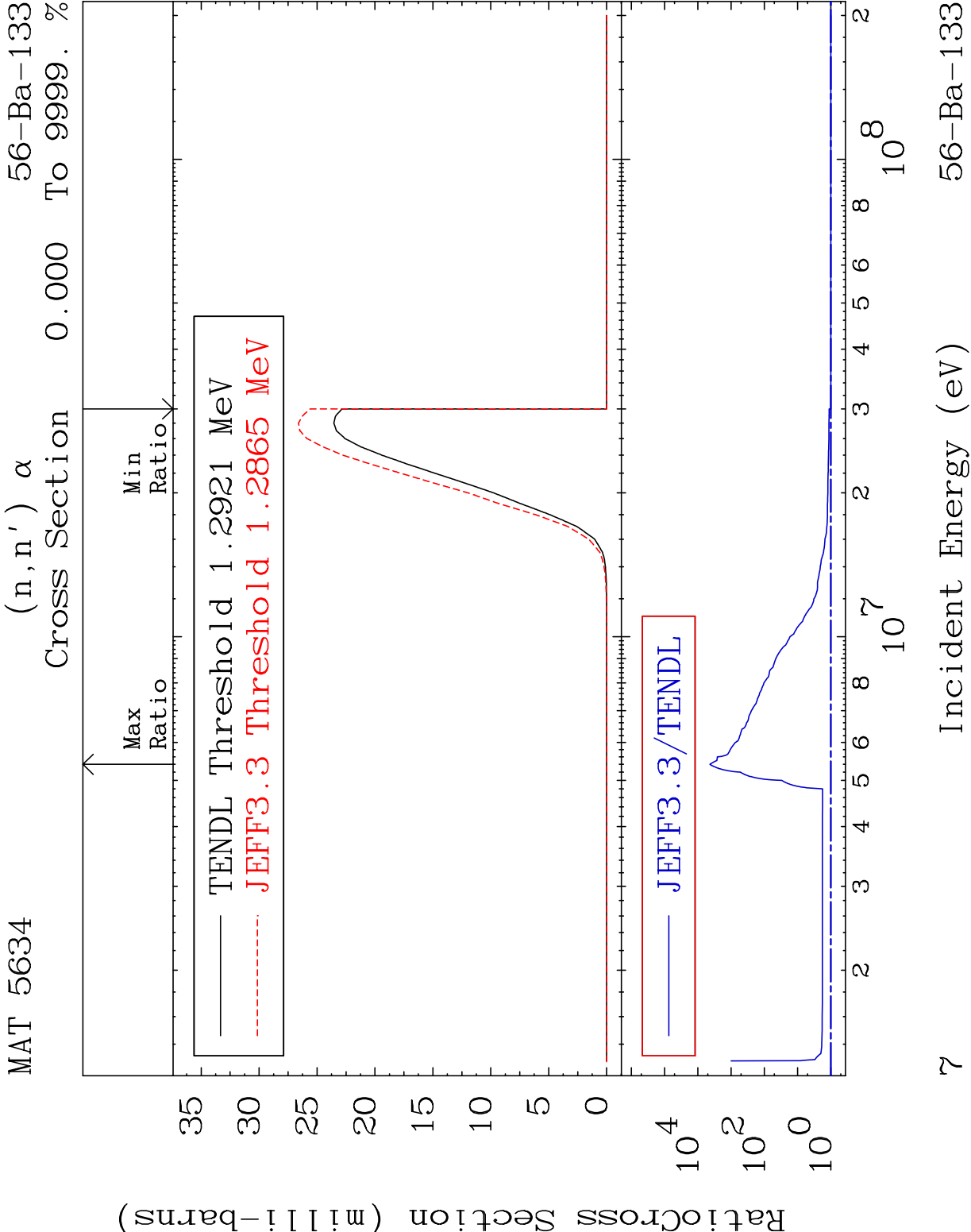
56-Ba-133

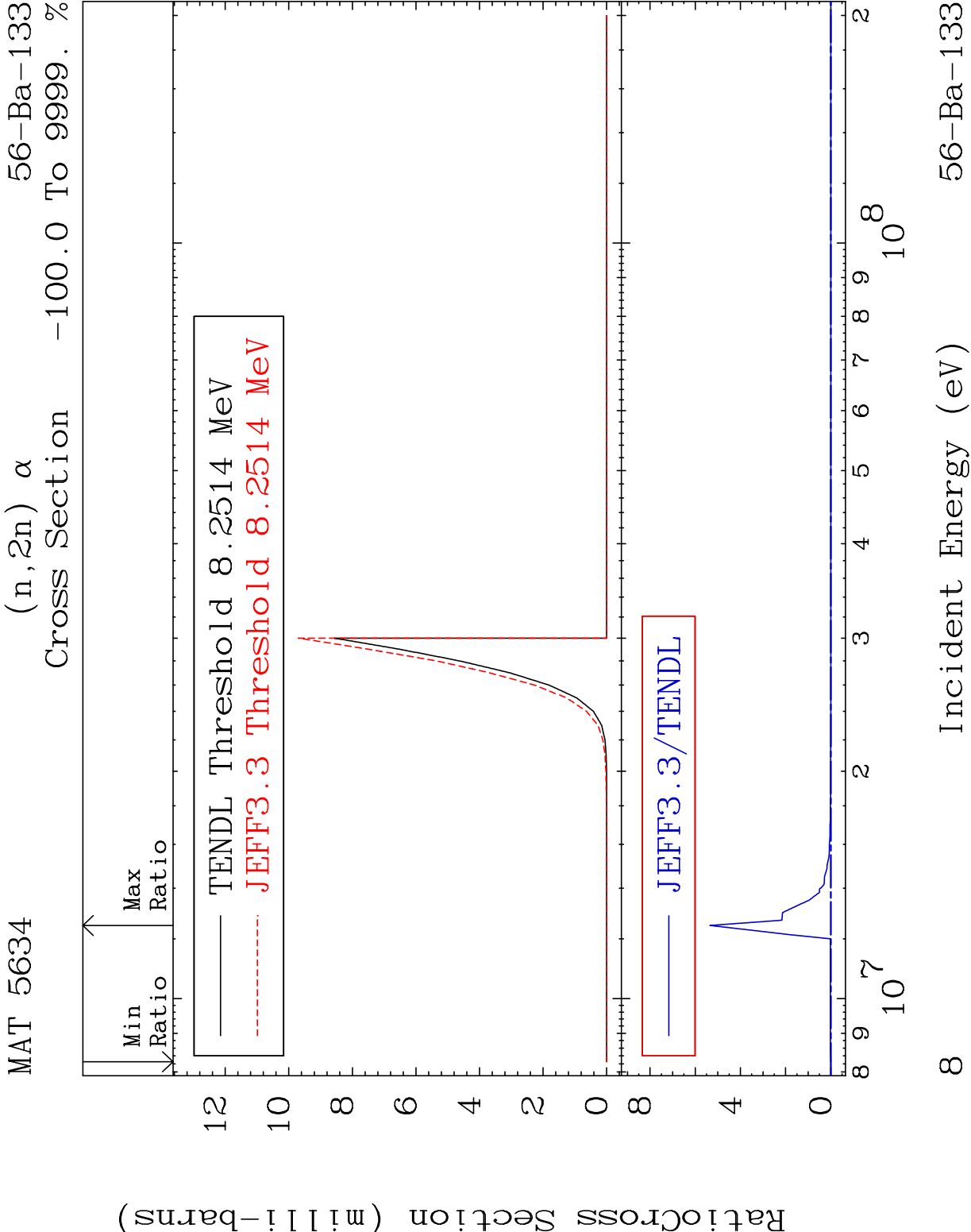
MAT 5634 (n,2n) d 56-Ba-133
Cross Section -100.0 To 9999. %

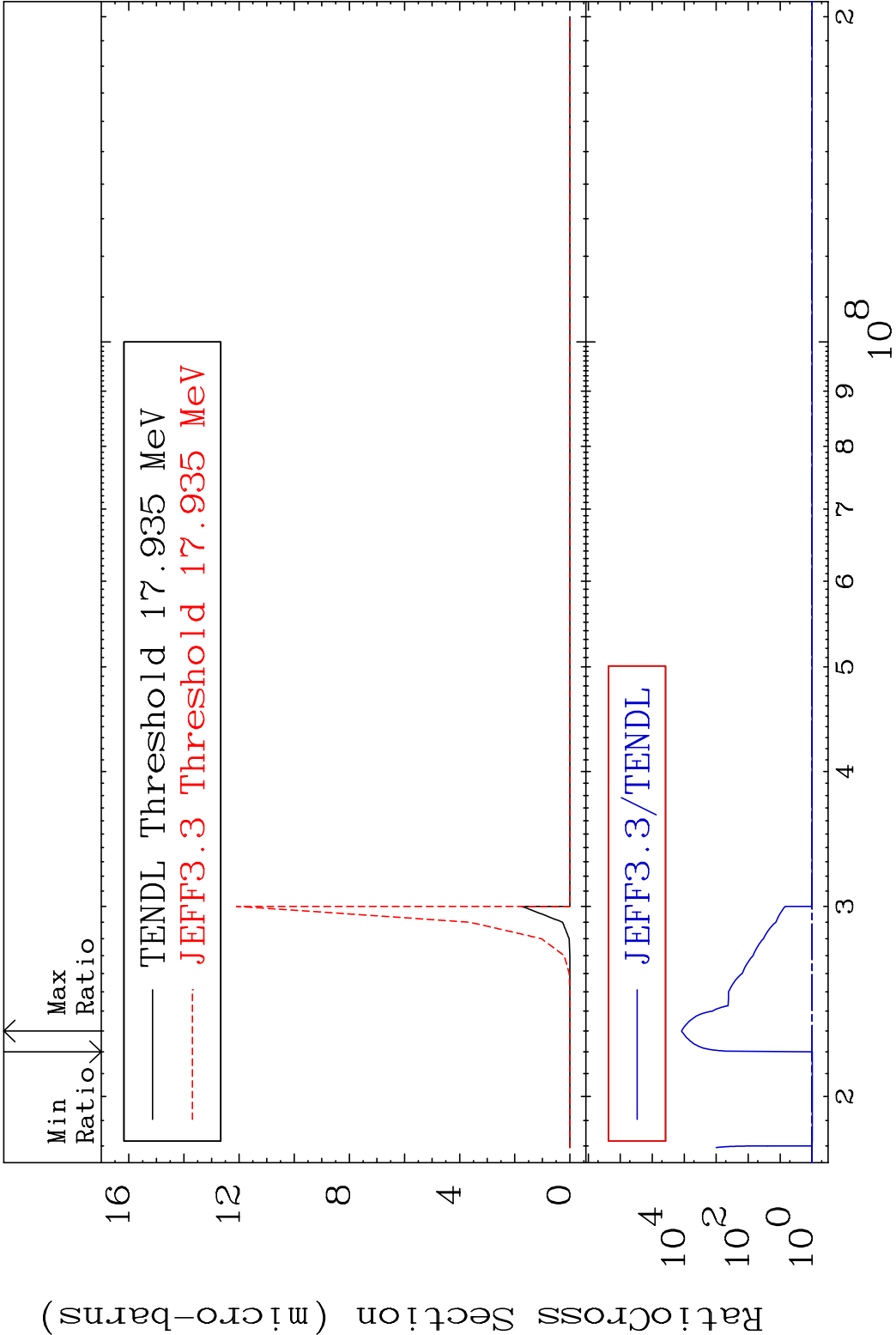


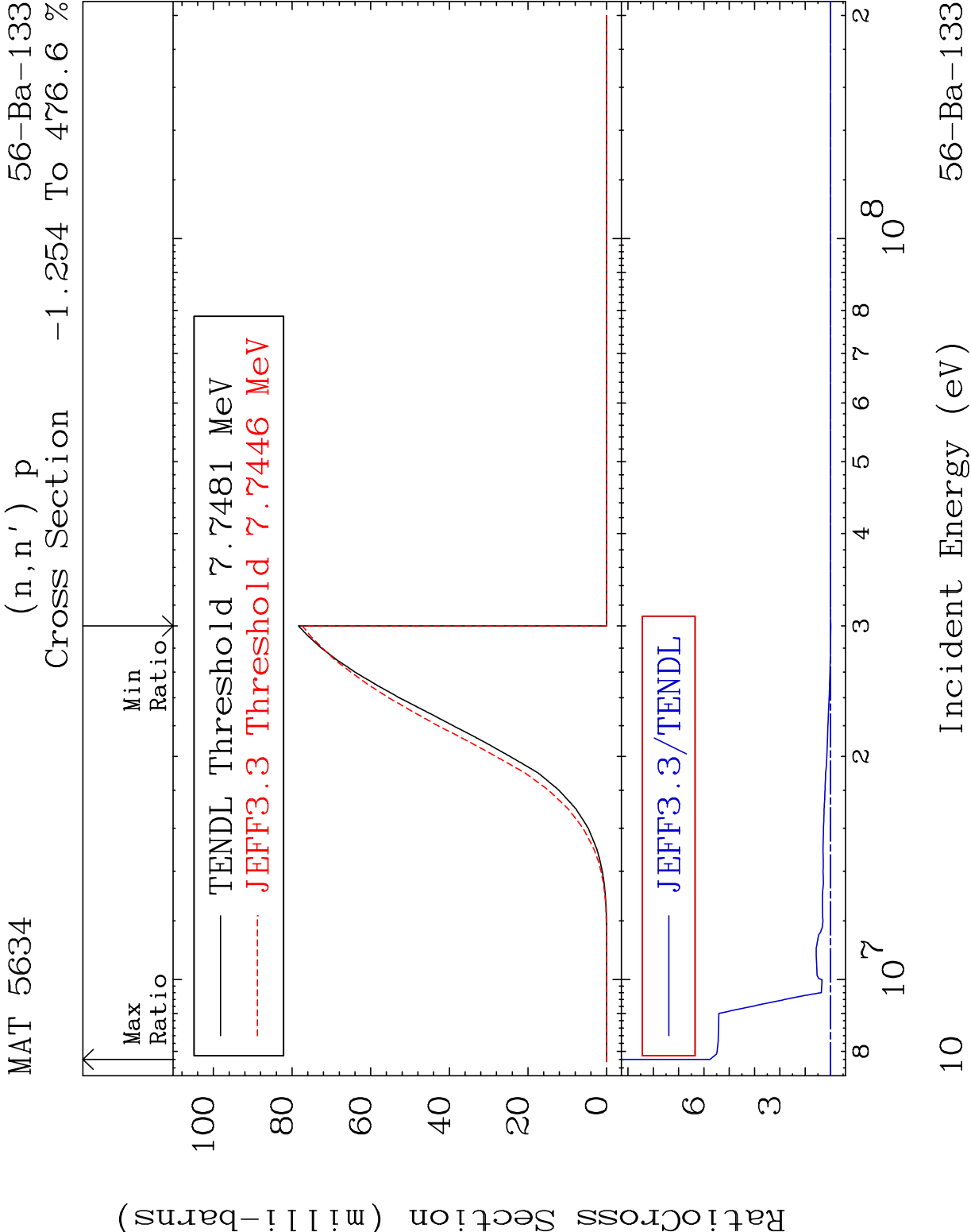


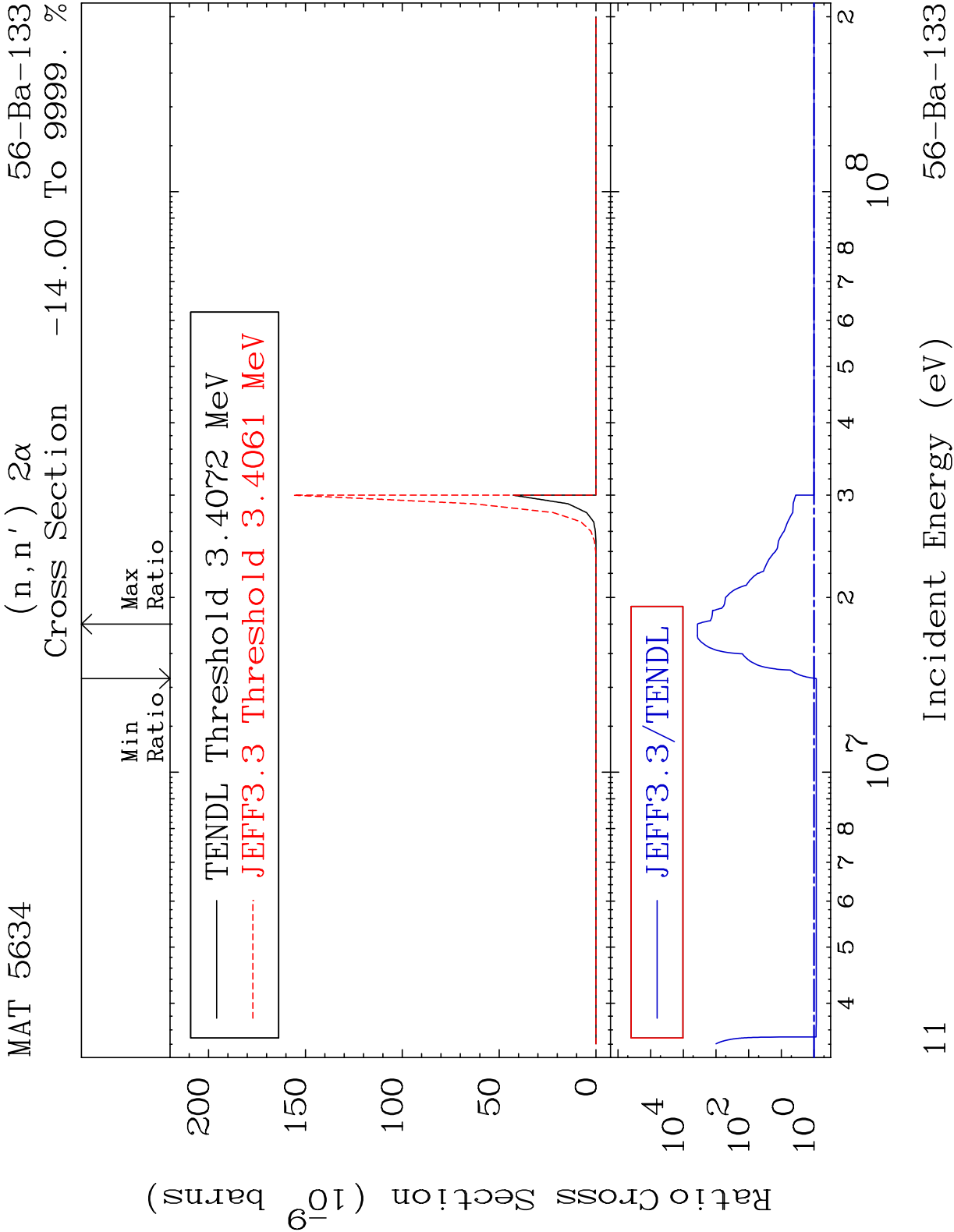


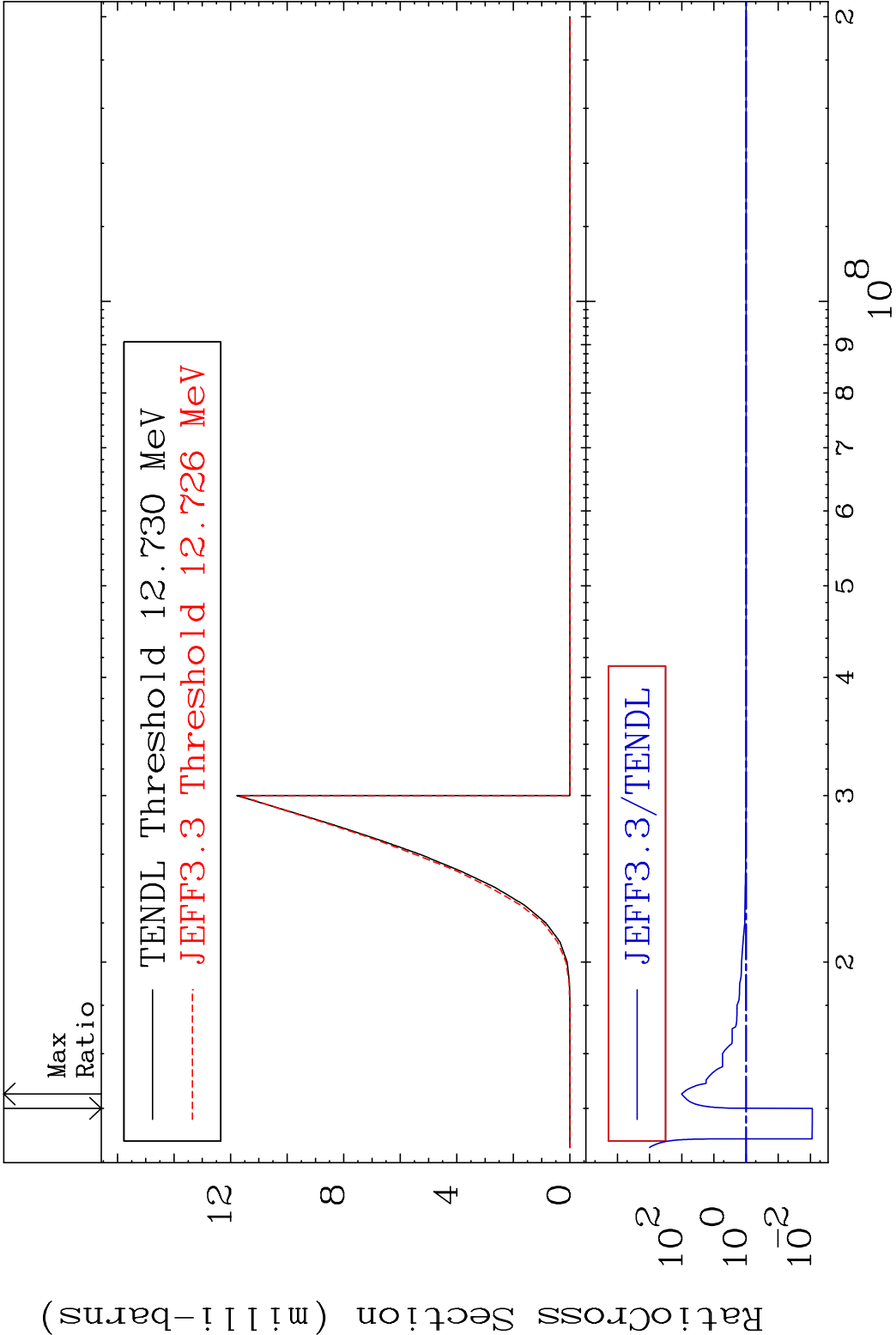


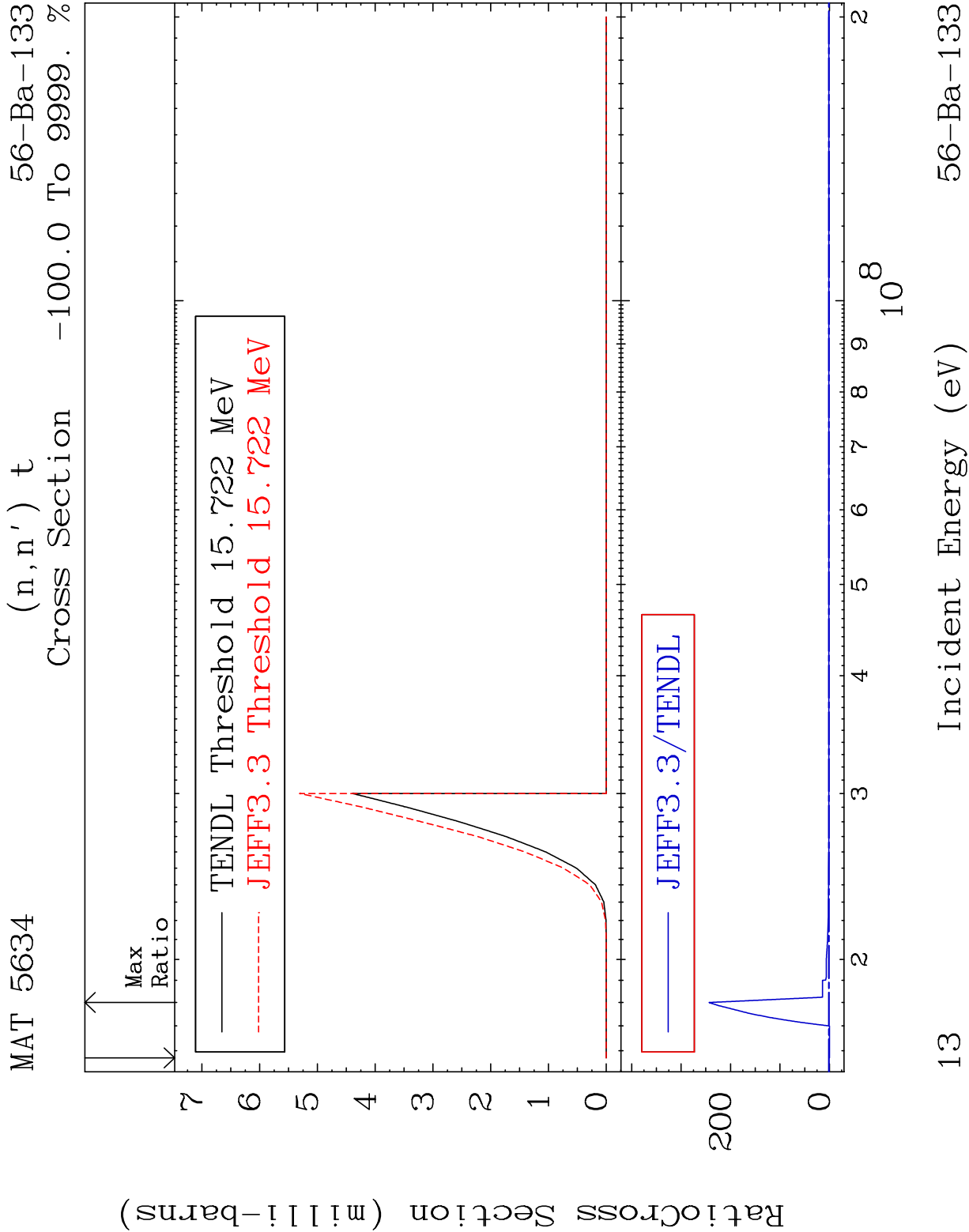


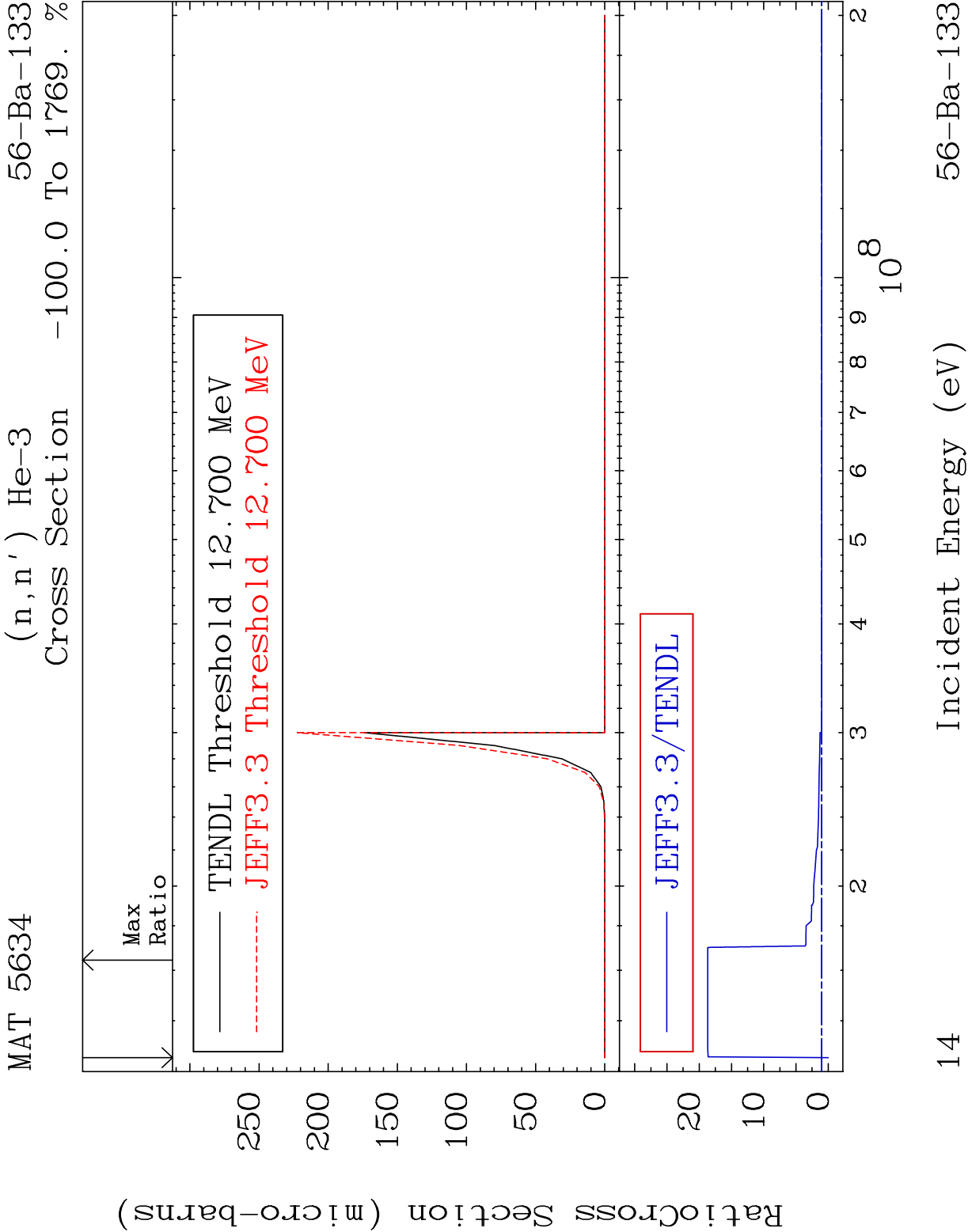




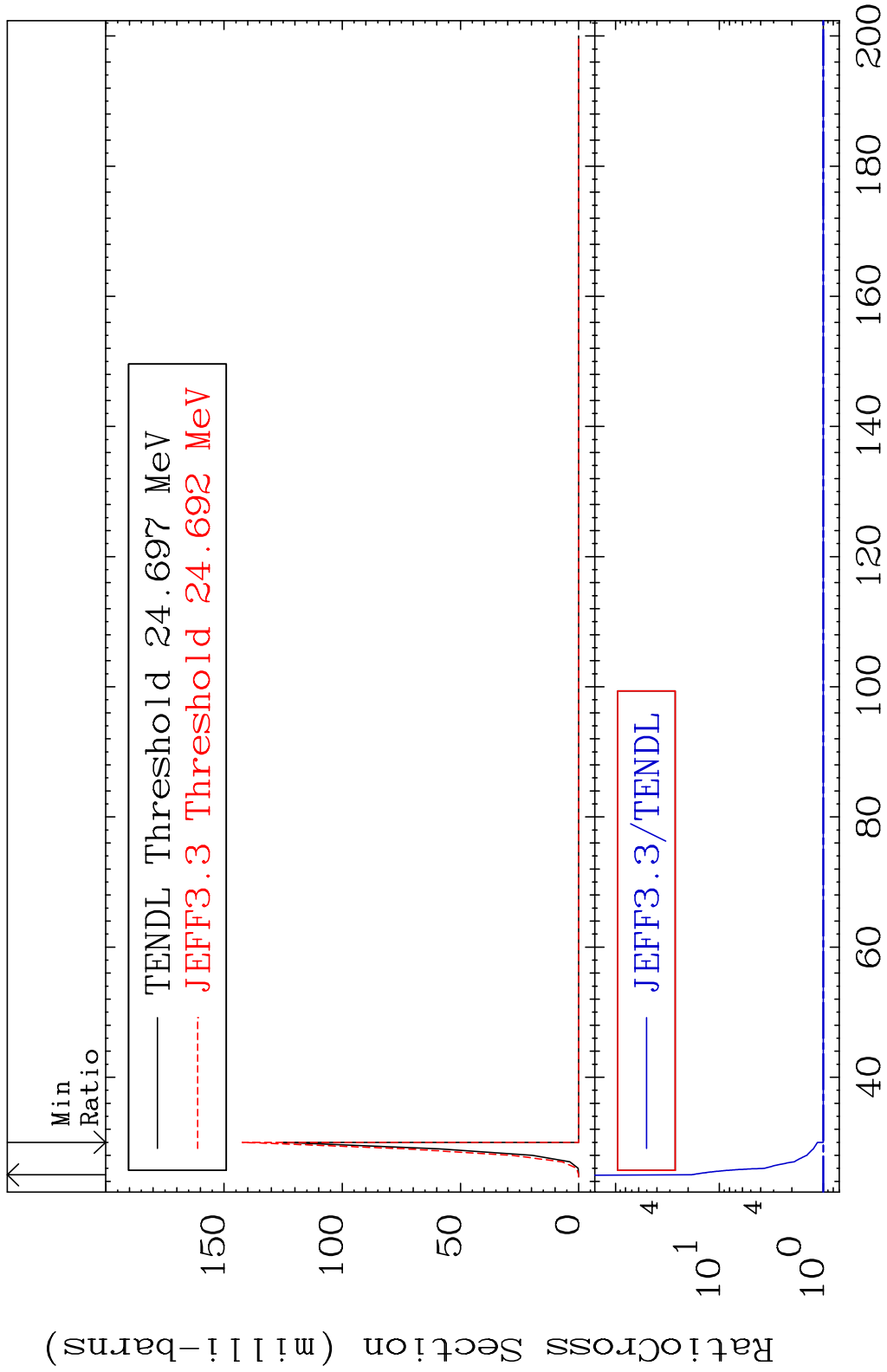


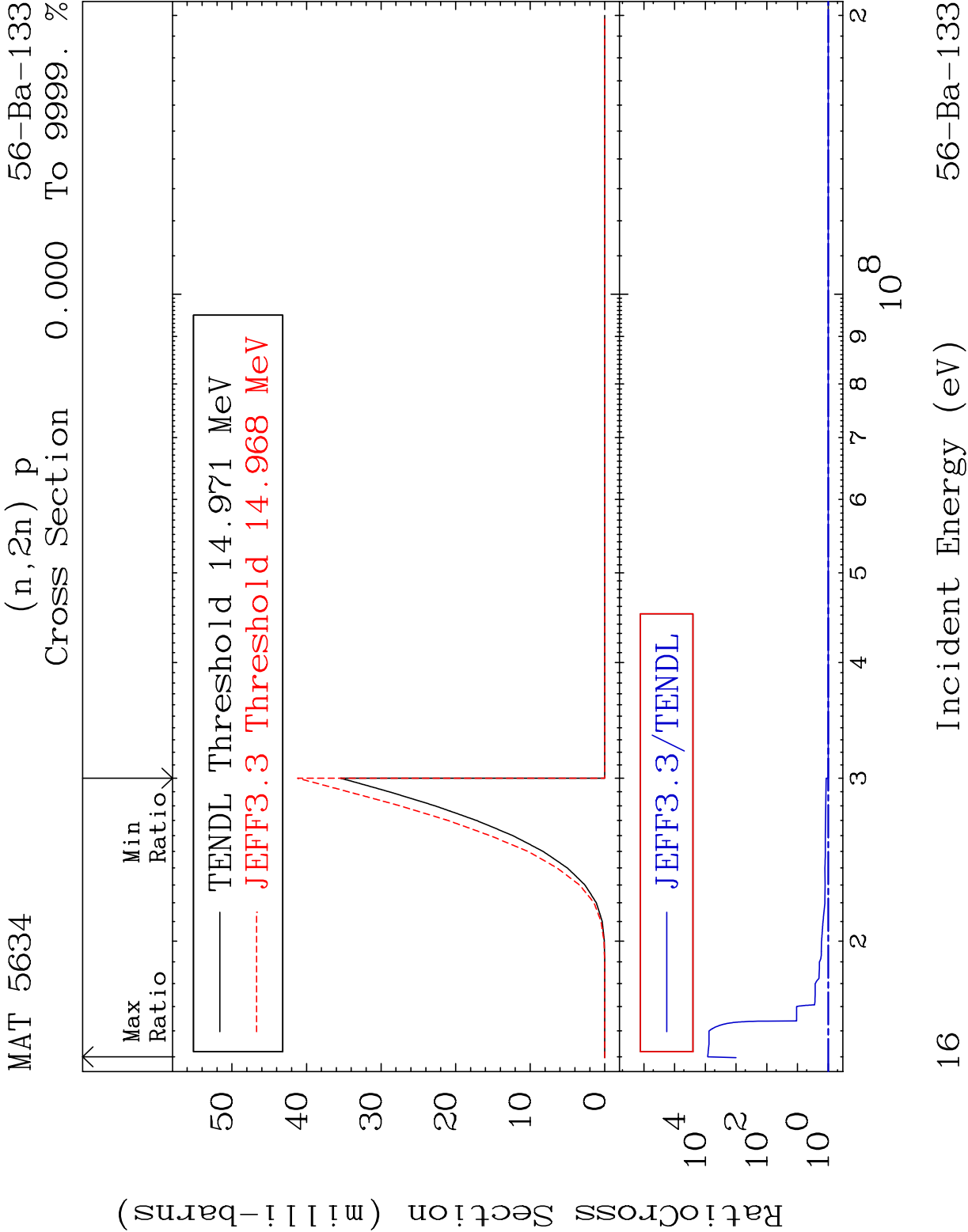


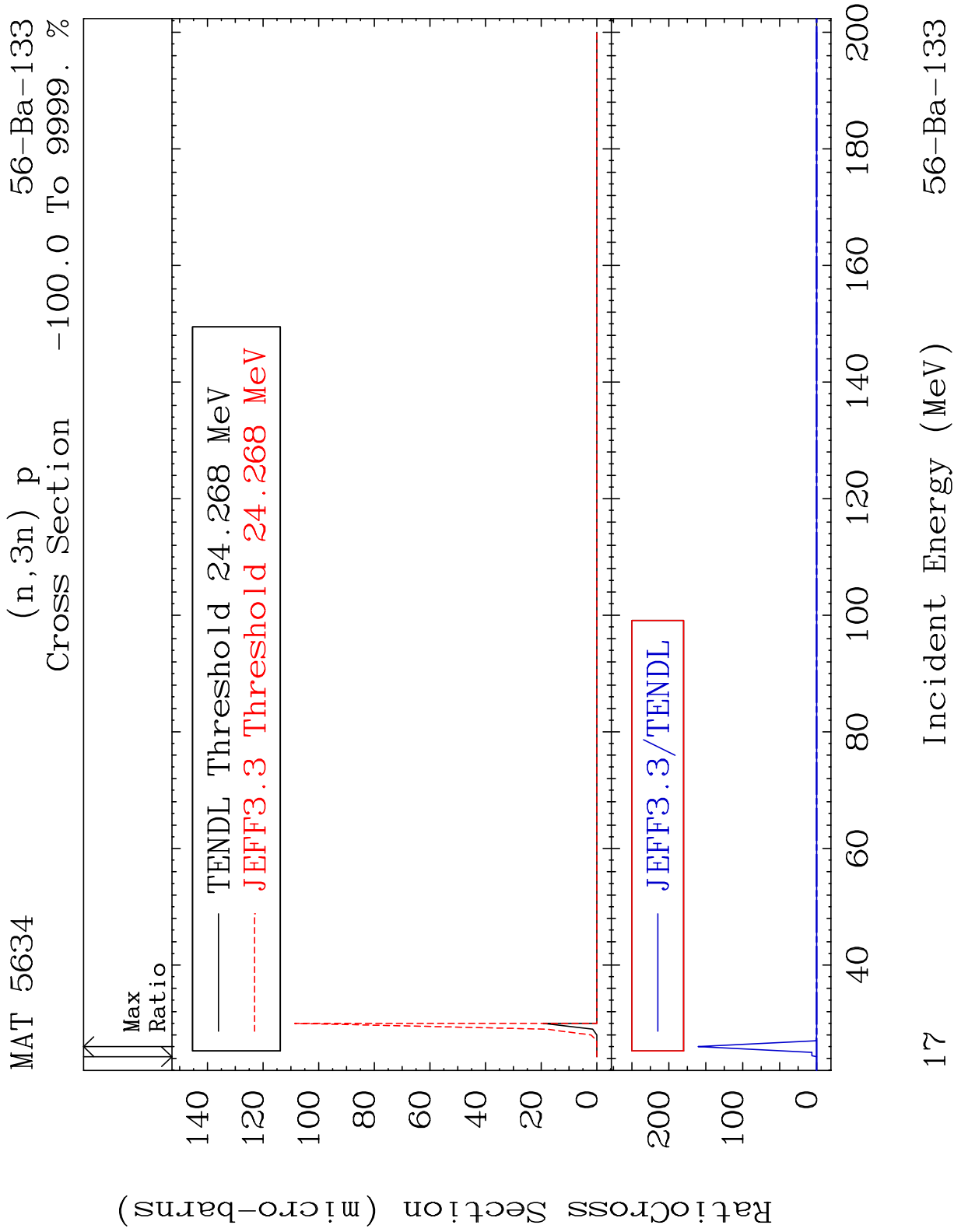


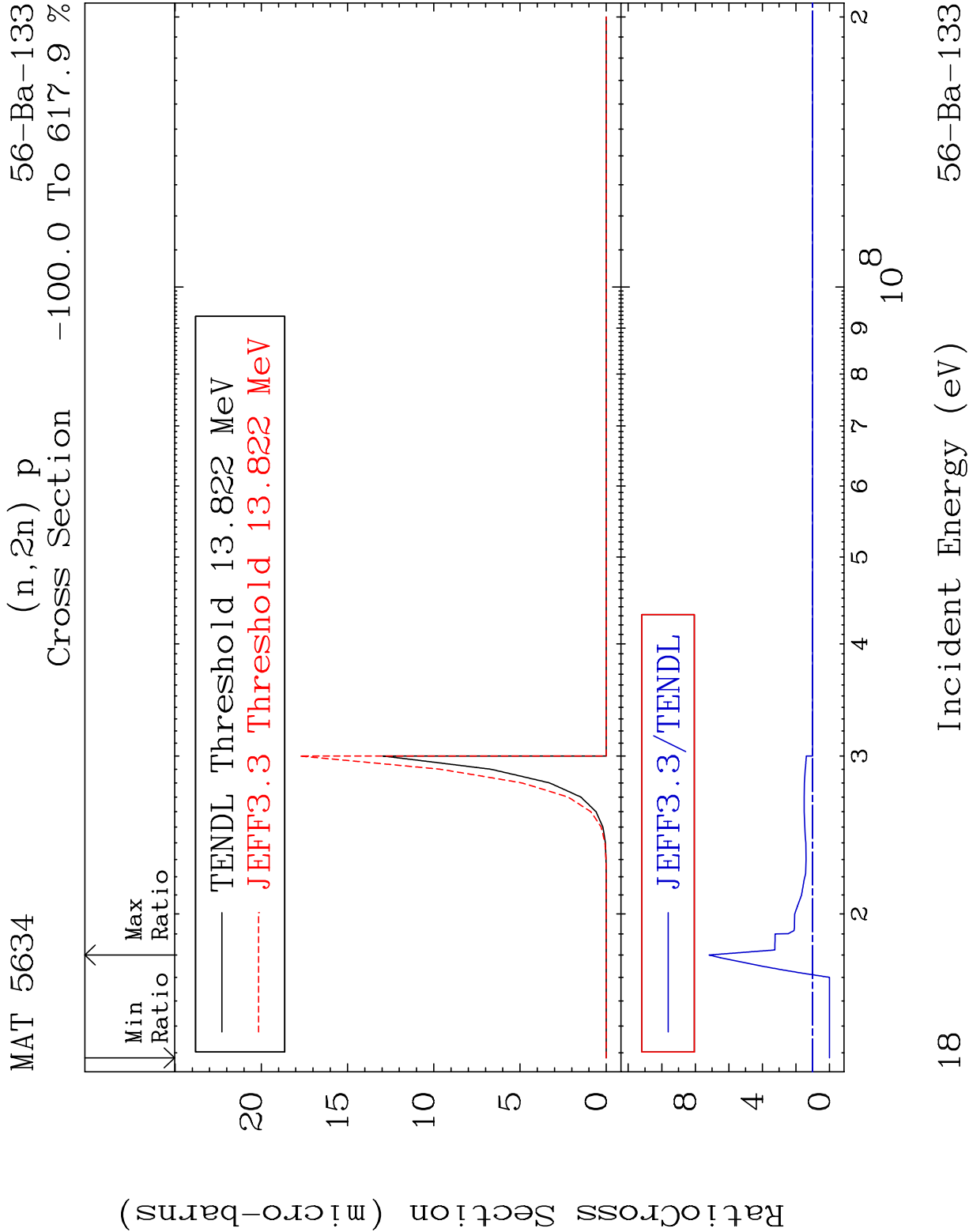


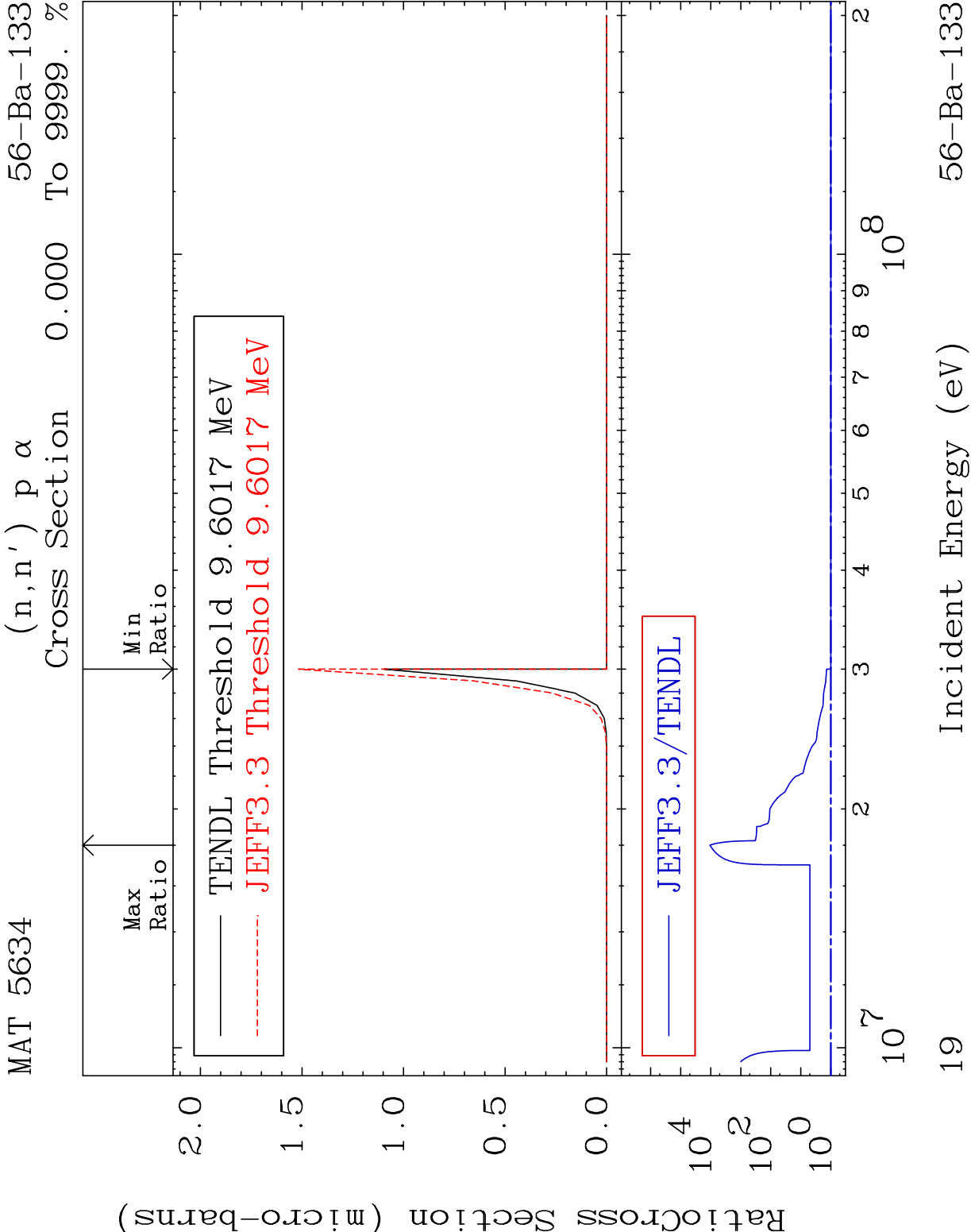
MAT 5634 (n,4n) 56-Ba-133
Cross Section 0.000 To 1764. %

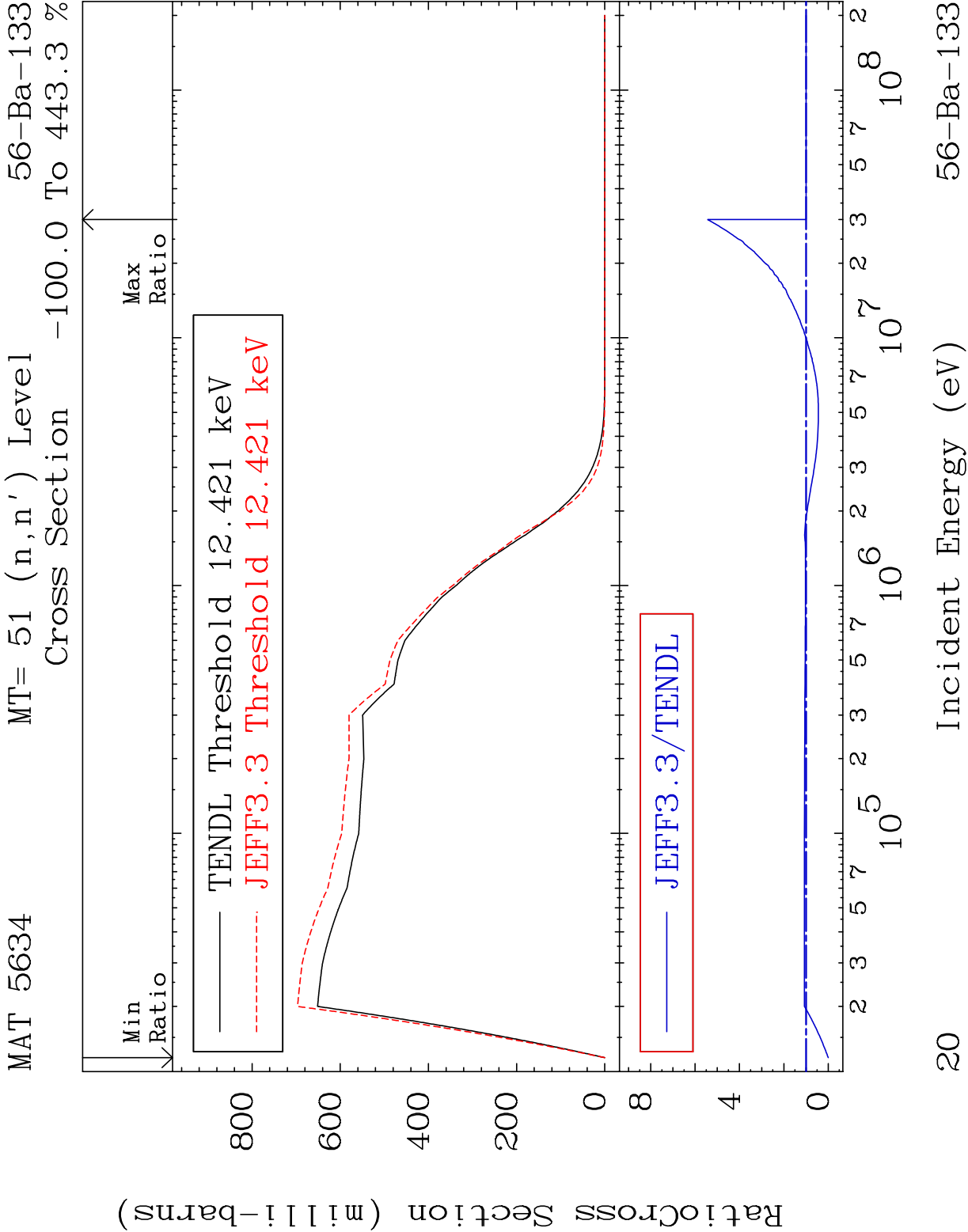




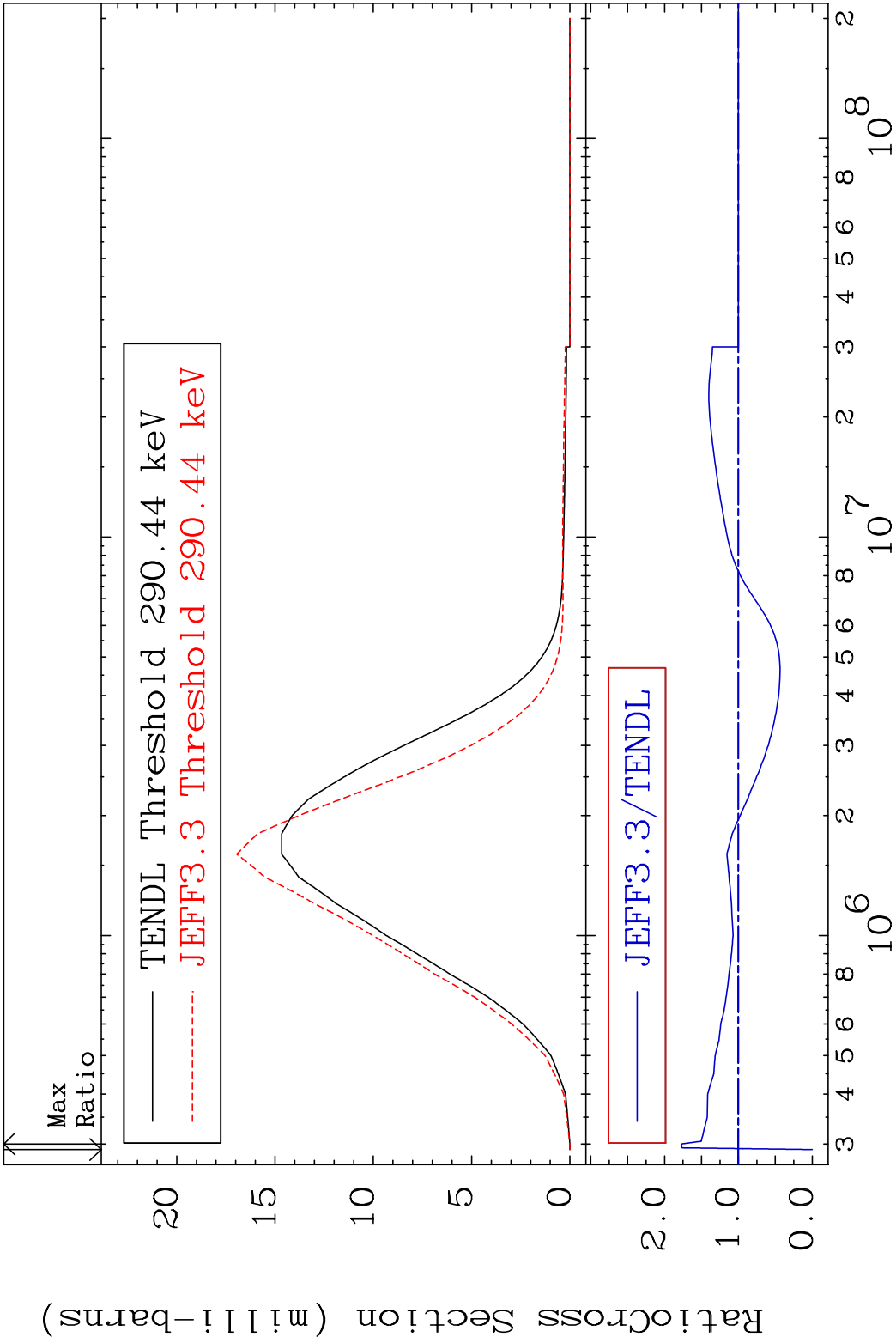


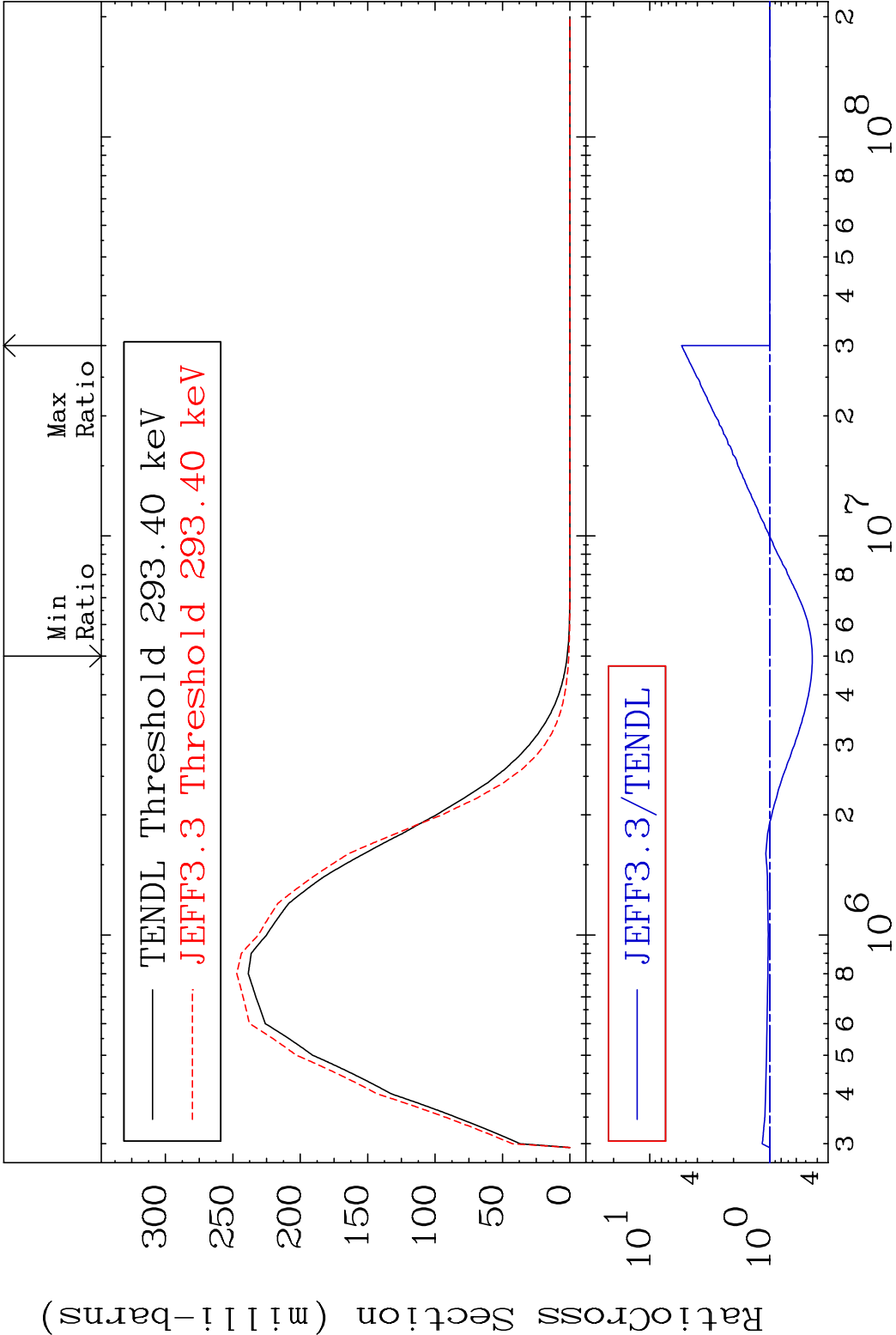




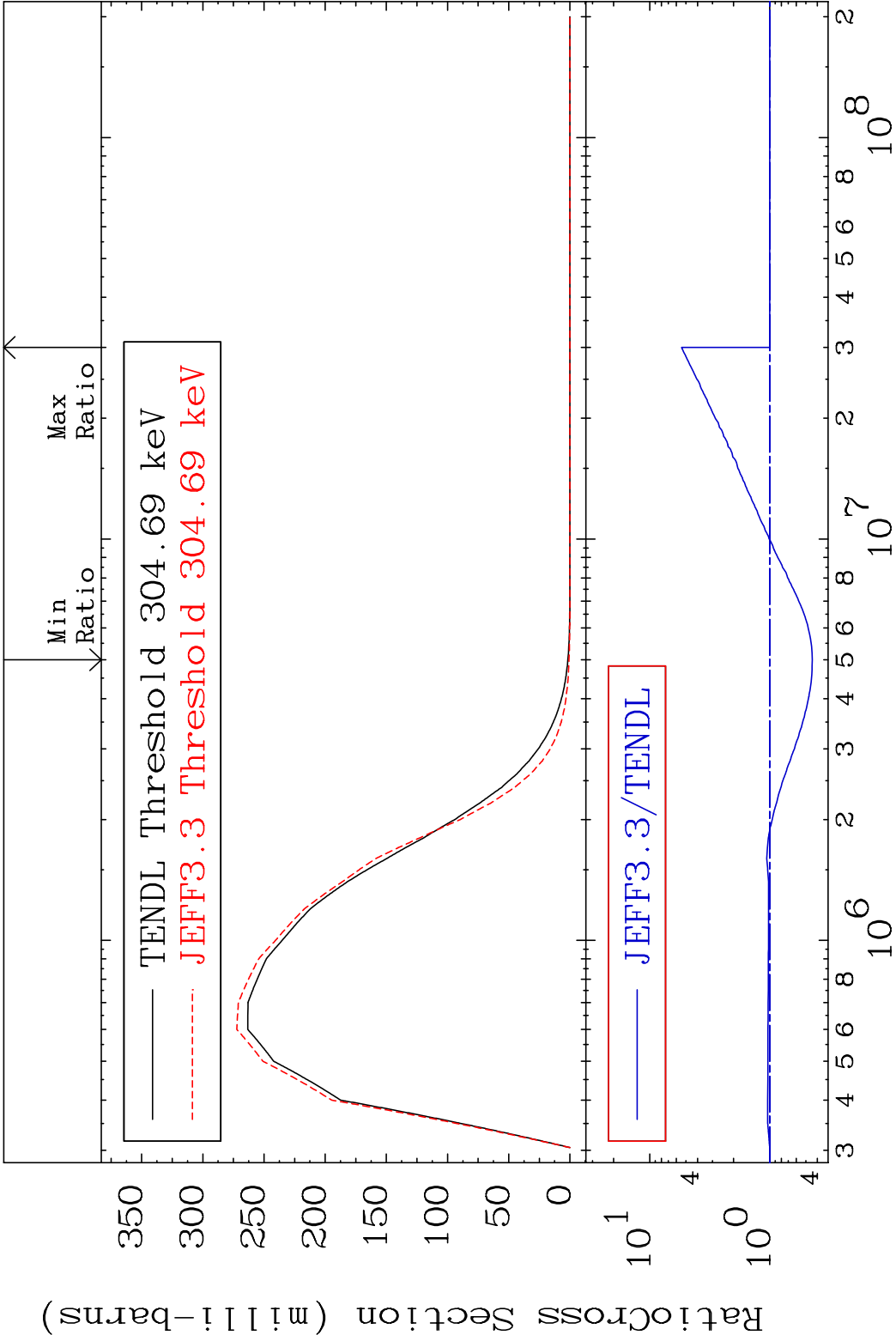


MAT 5634	MT= 52 (n,n')	Level	56-Ba-133
	Cross Section	-100.0 To 76.97 %	



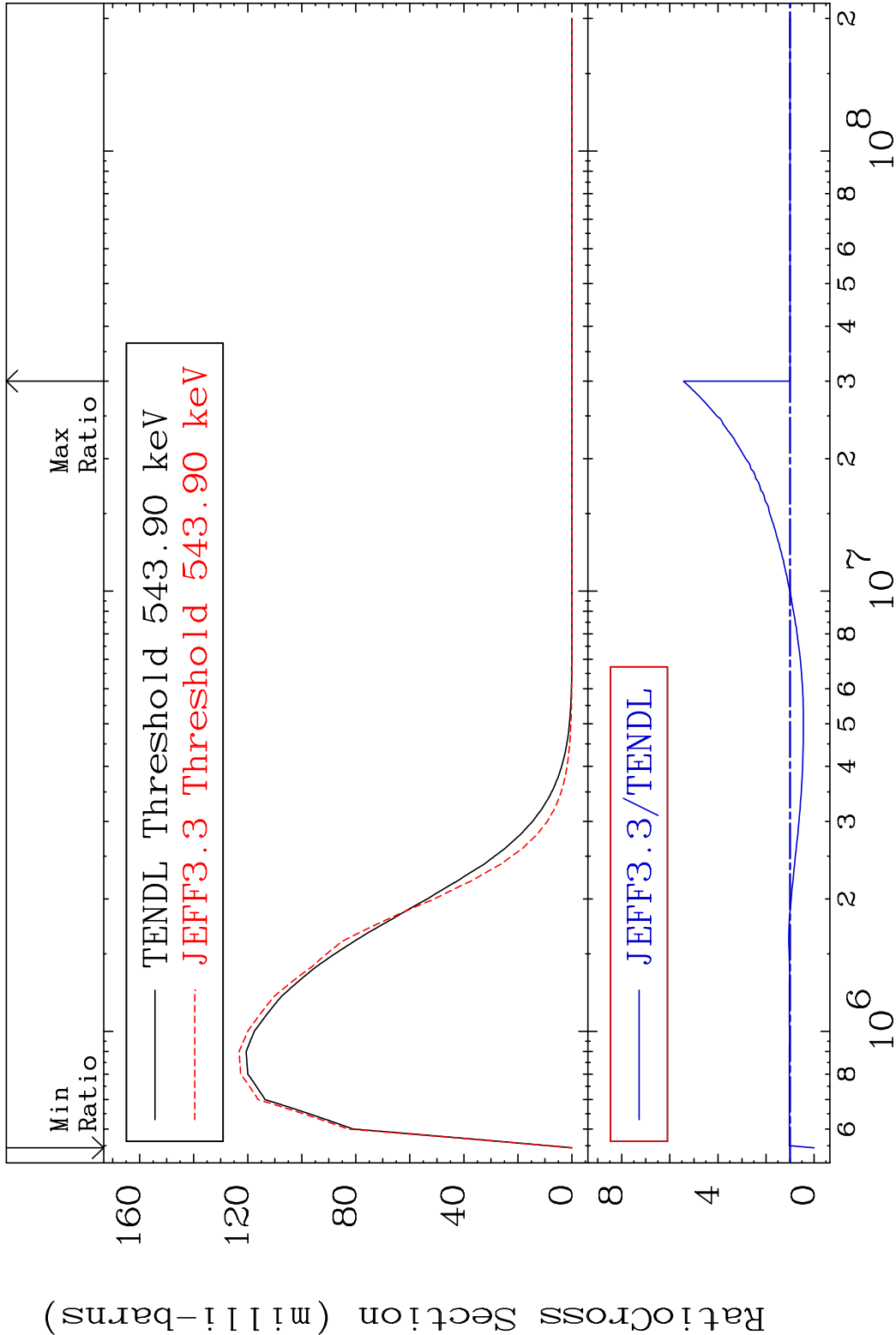


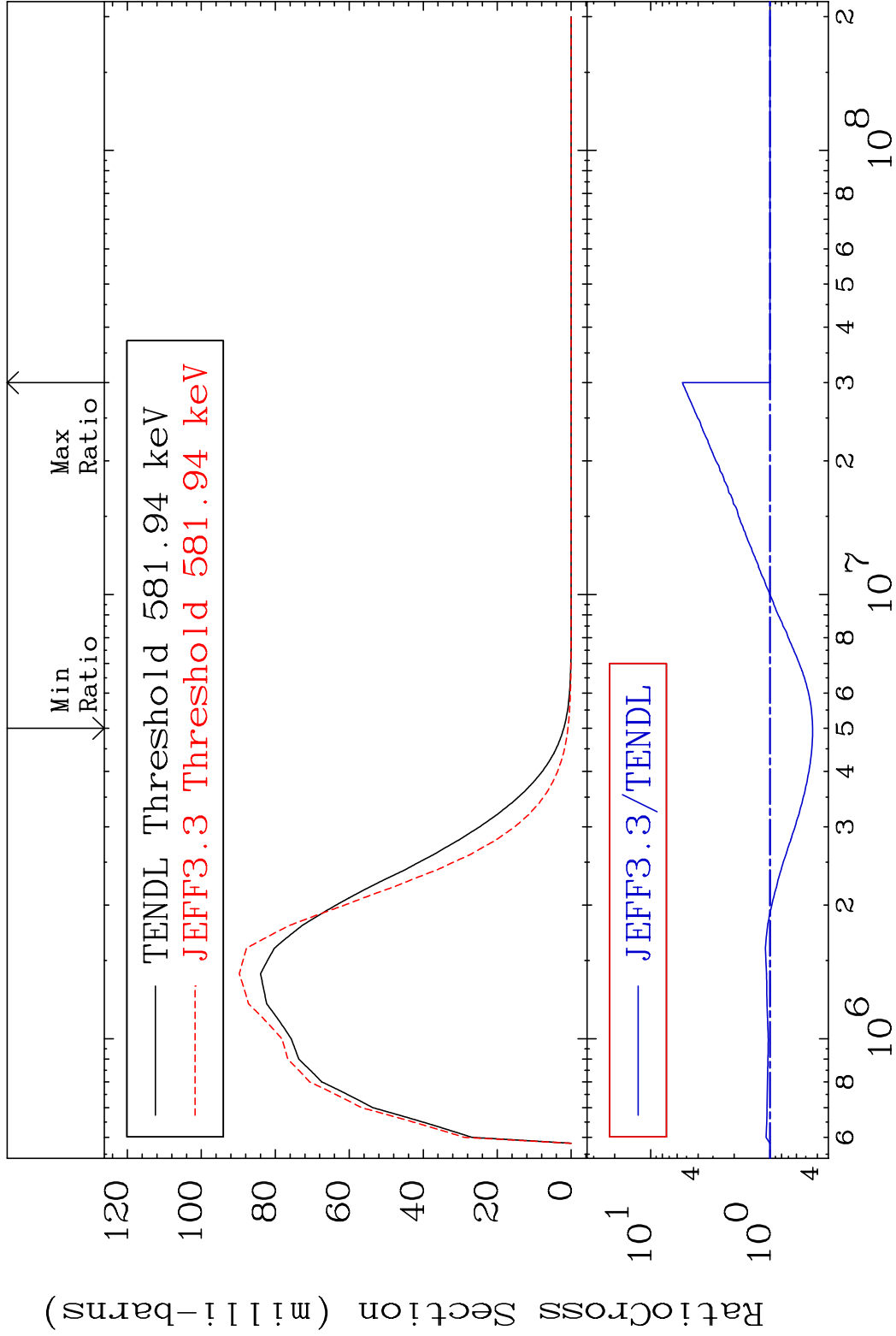
MAT 5634 MT= 54 (n,n') Level 56-Ba-133
Cross Section -55.82 To 443.4 %



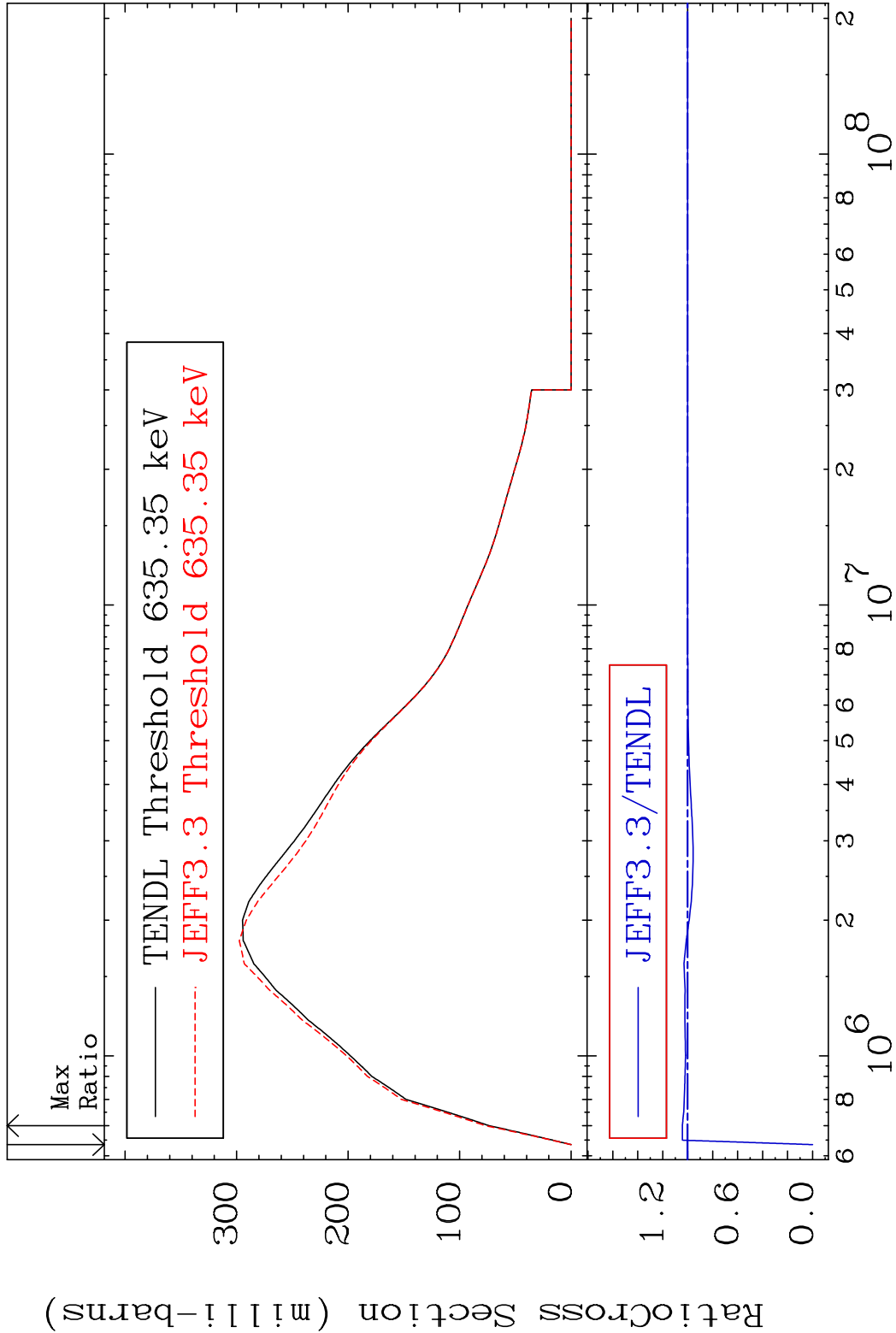
MAT 5634 MT= 55 (n,n') Level 56-Ba-133

Cross Section -100.0 To 443.5 %

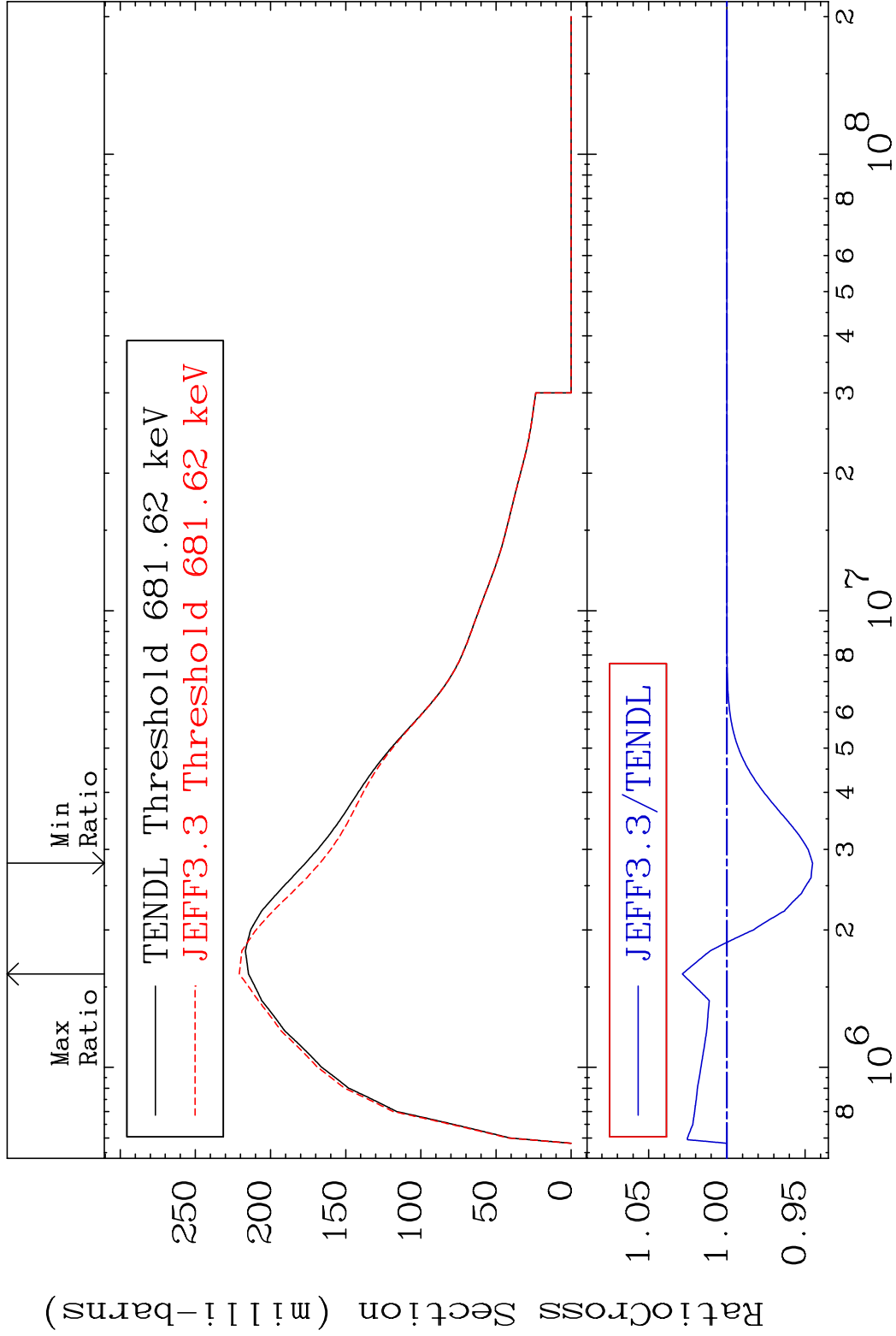




MAT 5634 MT= 57 (n,n') Level 56-Ba-133
Cross Section -100.0 To 4.307 %



MAT 5634 MT= 58 (n,n') Level 56-Ba-133
Cross Section -5.483 To 2.847 %

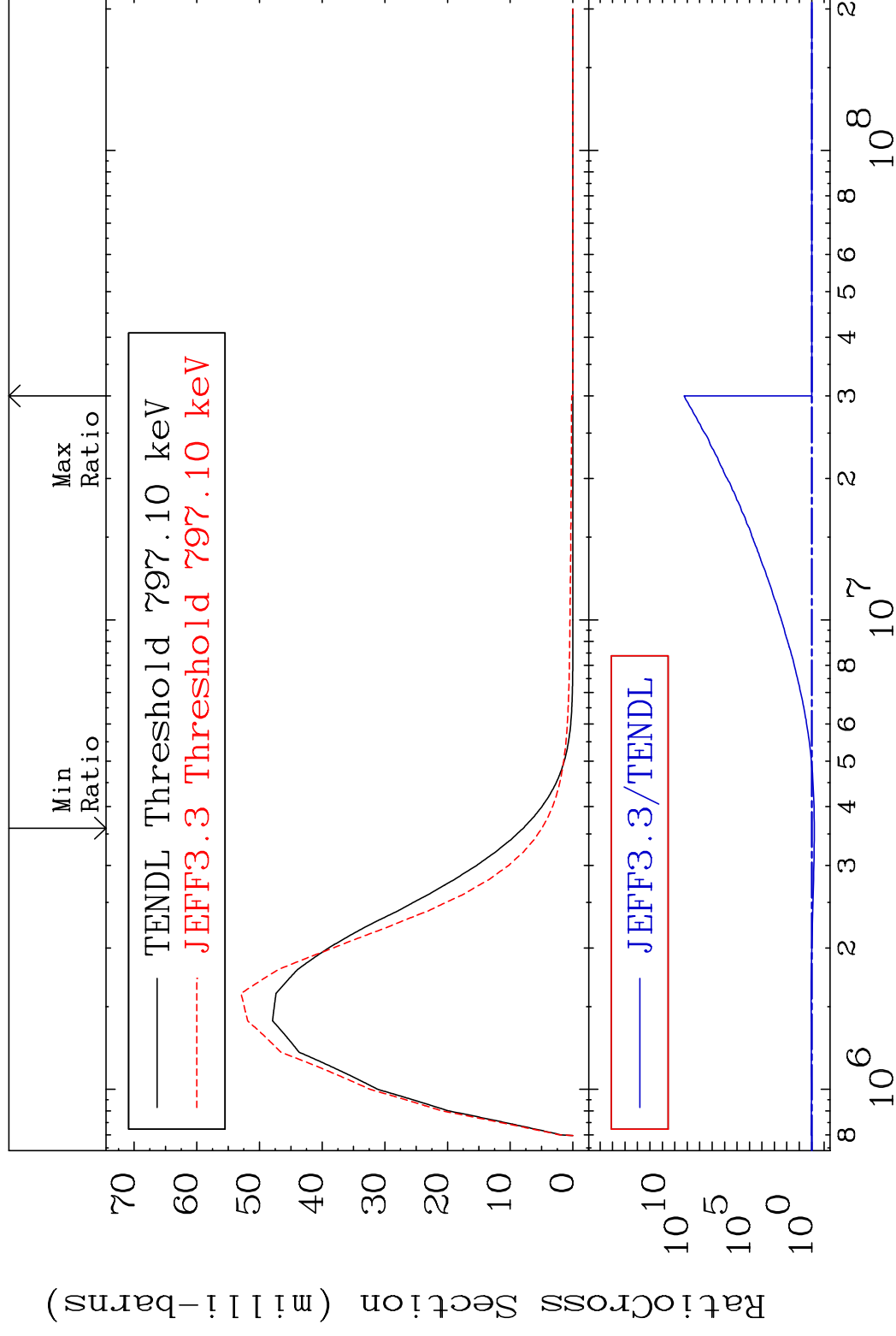


MAT 5634

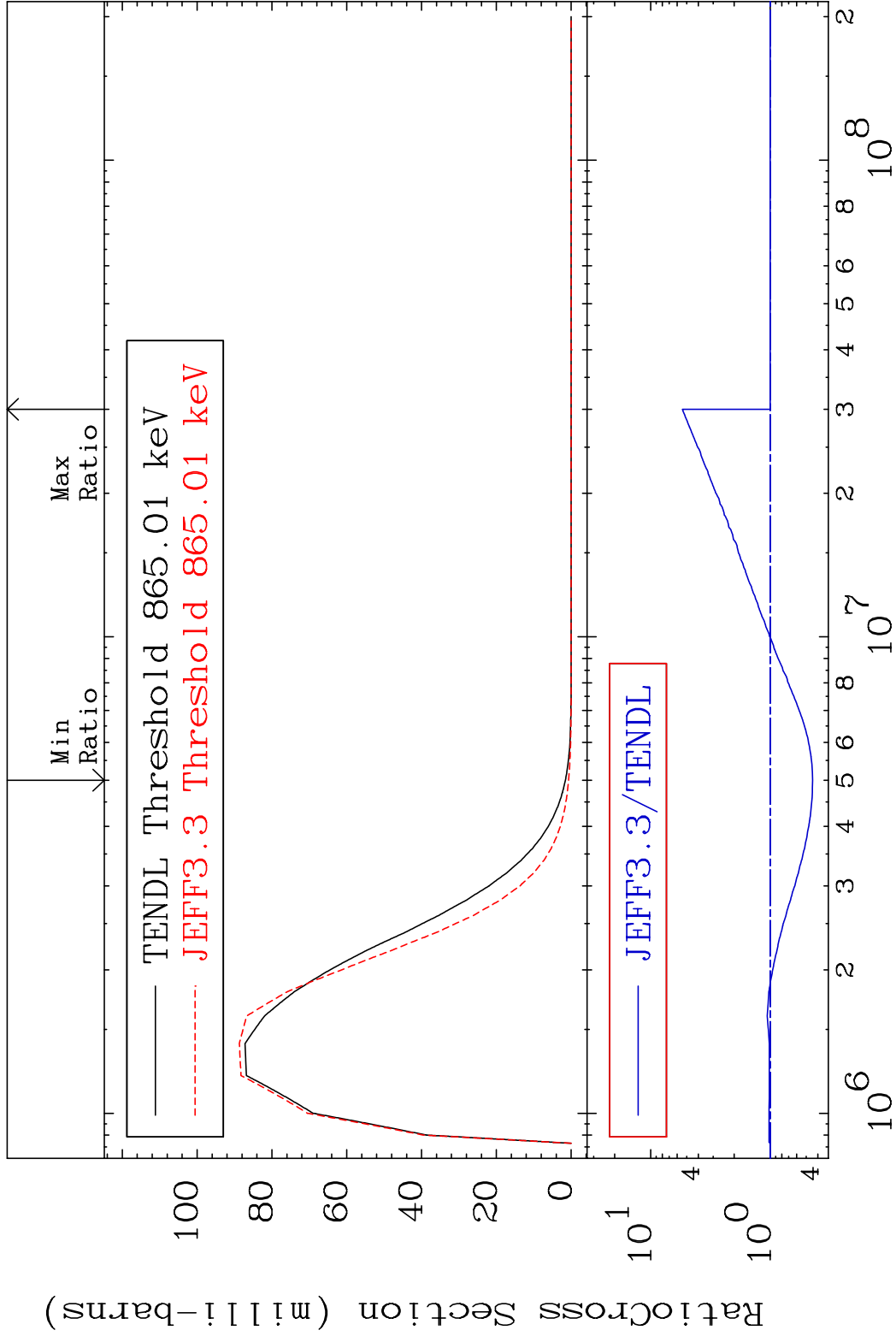
MT= 59 (n, n') Level

56-Ba-133

Cross Section -37.66 To 9999. %

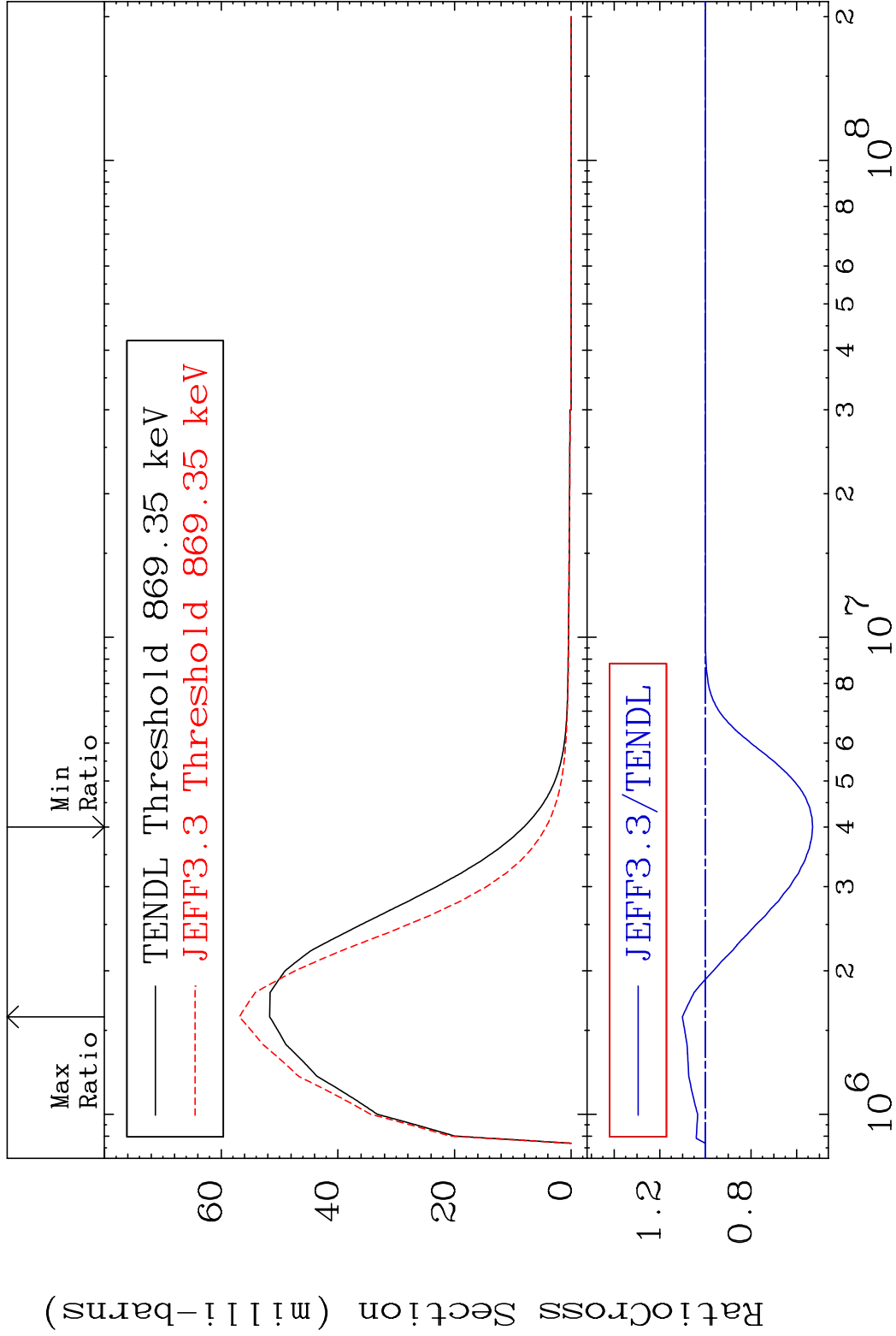


MAT 5634 MT= 60 (n,n') Level 56-Ba-133
Cross Section -55.79 To 443.5 %



29 Incident Energy (eV) 56-Ba-133

MAT 5634 MT= 61 (n,n') Level 56-Ba-133
Cross Section -46.99 To 10.09 %



30 Incident Energy (eV) 56-Ba-133

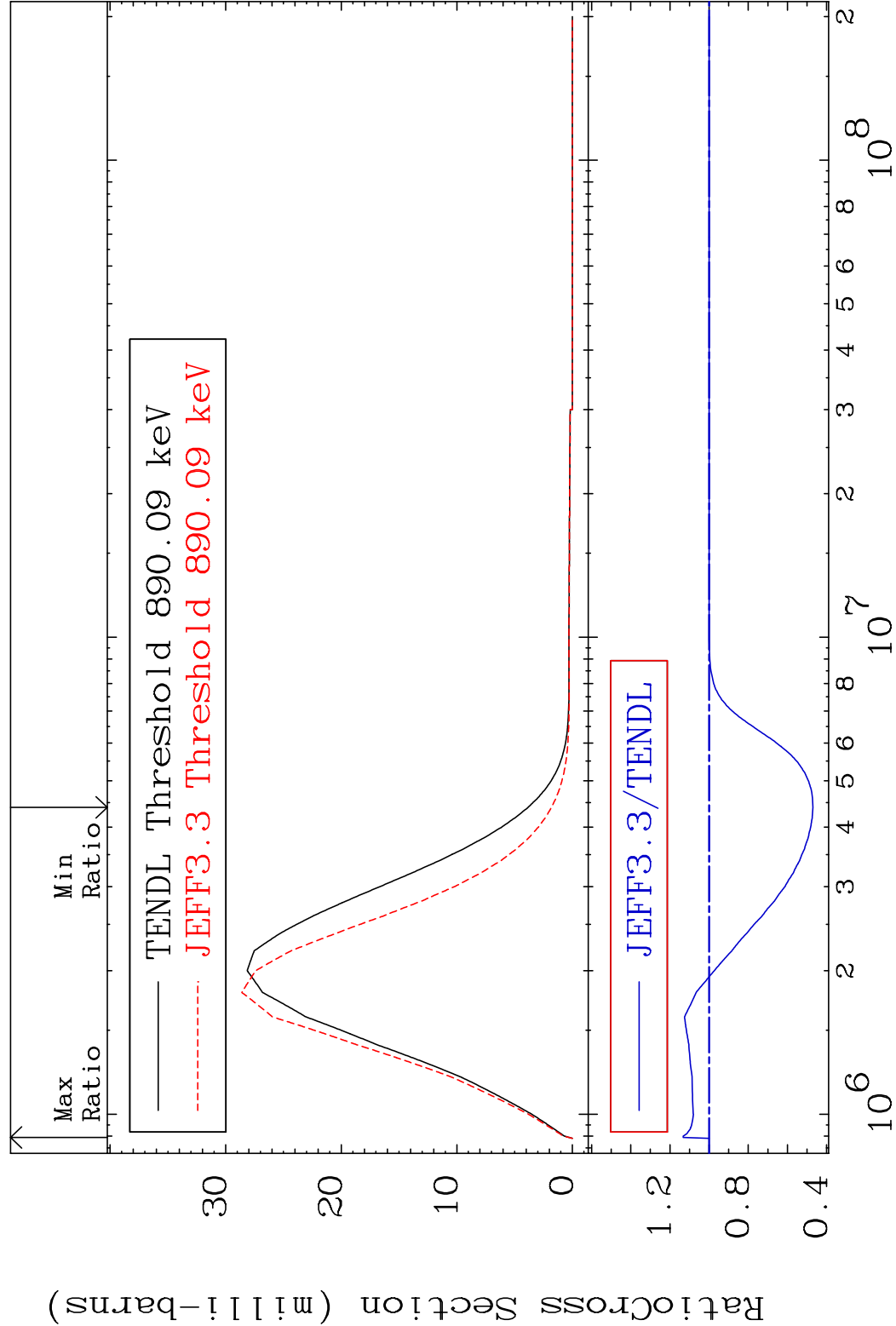
MAT 5634

MT= 62 (n,n') Level

56-Ba-133

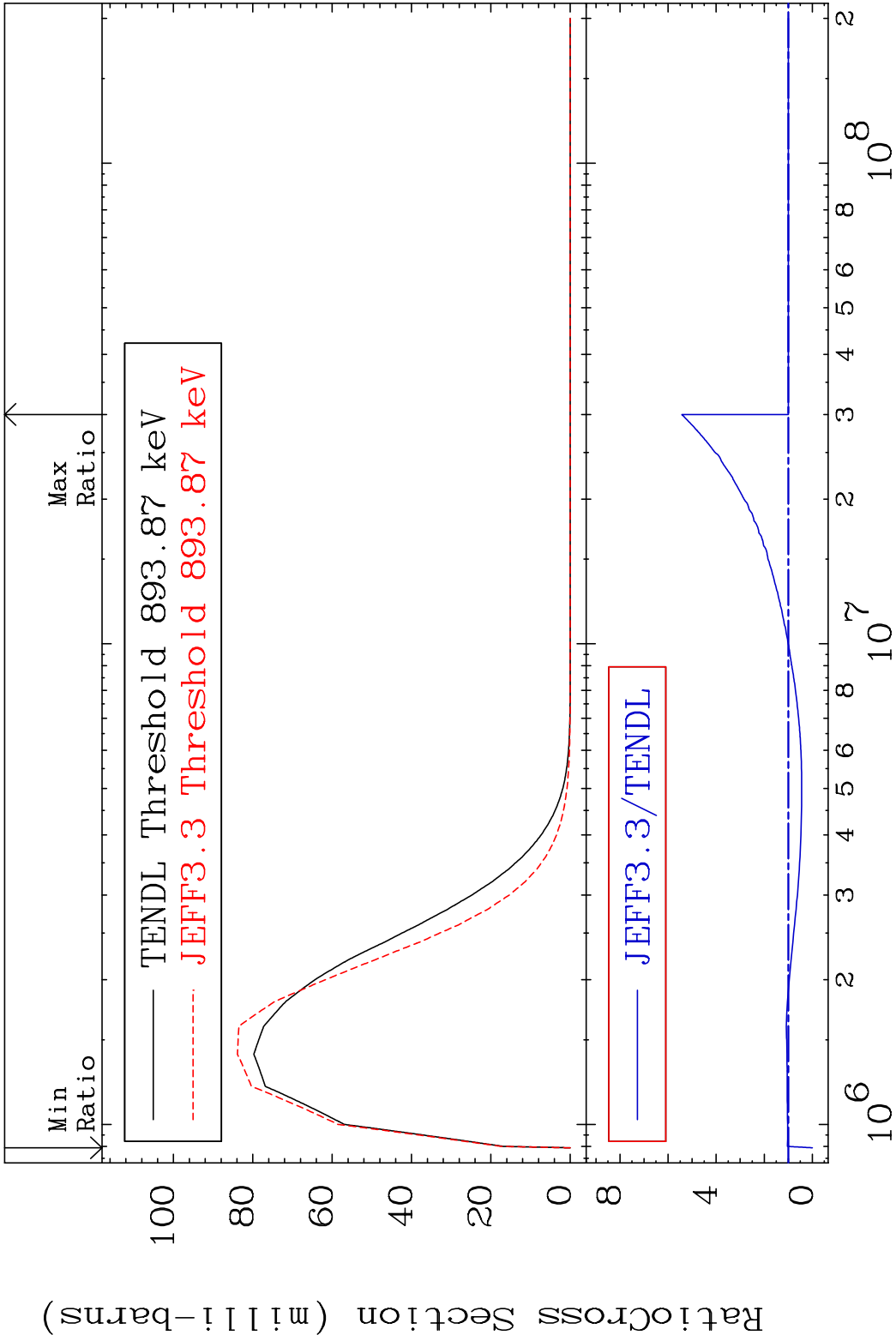
Cross Section

-52.97 To 13.25 %



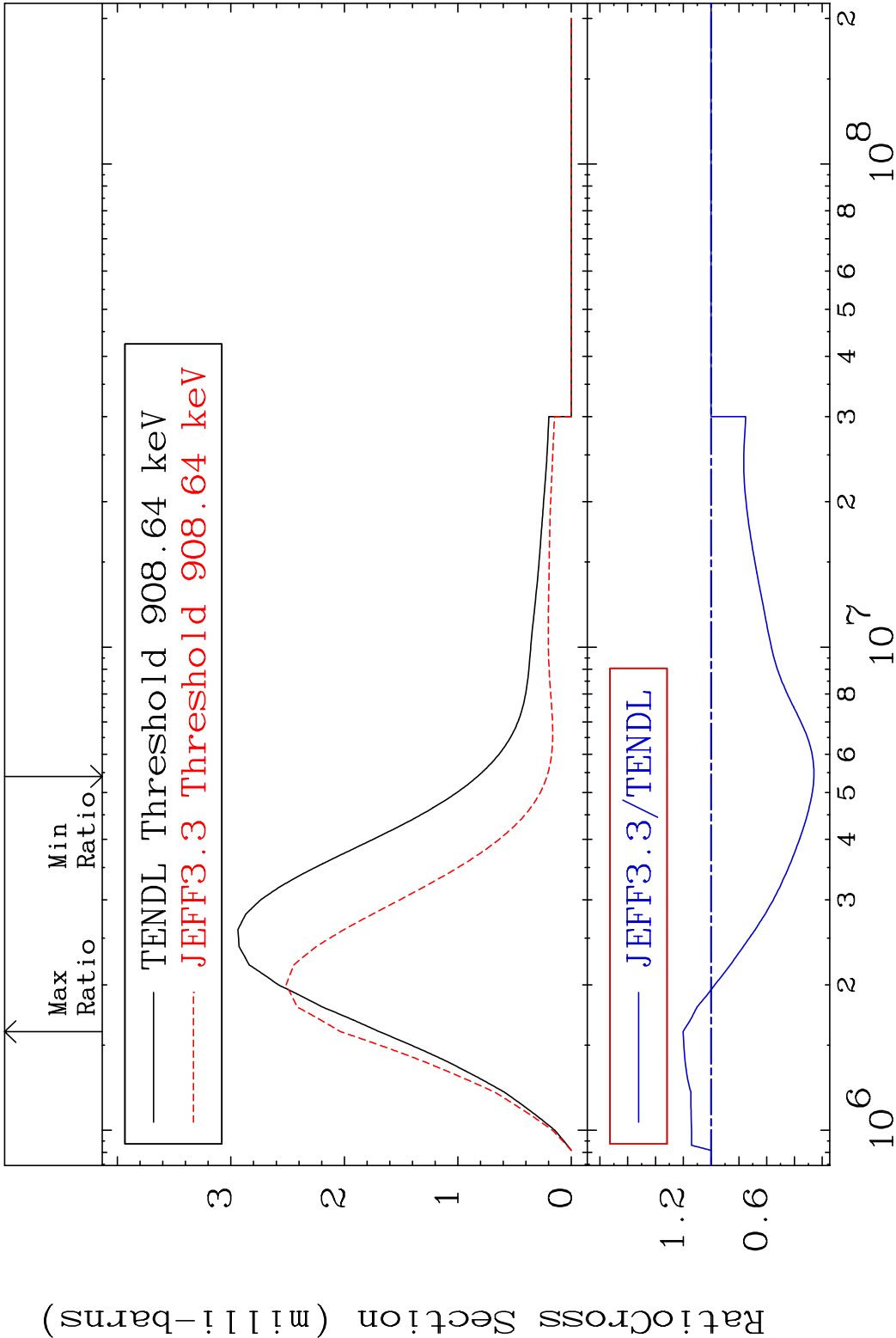
MAT 5634 MT= 63 (n,n') Level 56-Ba-133

Cross Section -100.0 To 443.1 %



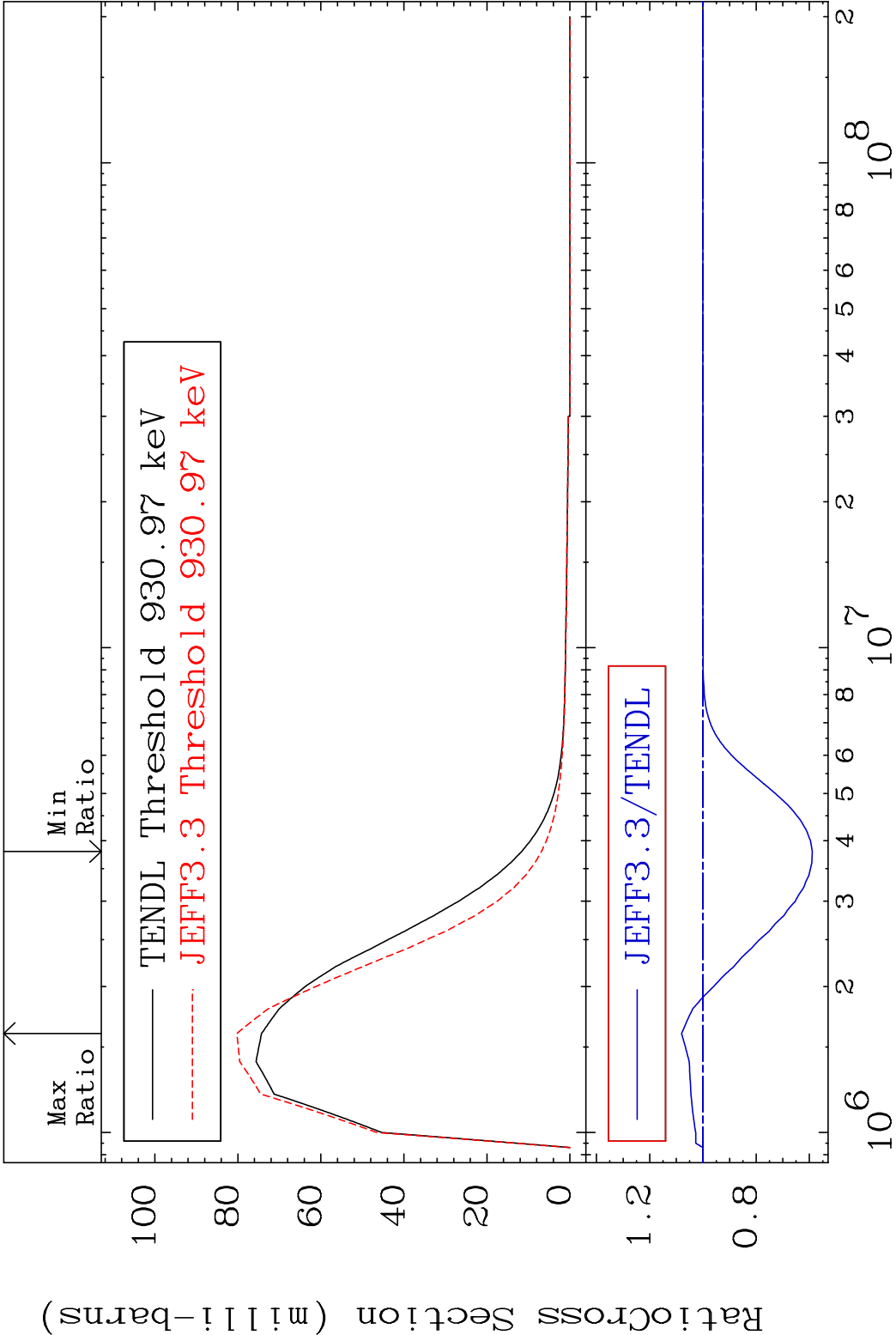
32 Incident Energy (eV) 56-Ba-133

MAT 5634 MT= 64 (n,n') Level 56-Ba-133
Cross Section -73.96 To 20.19 %



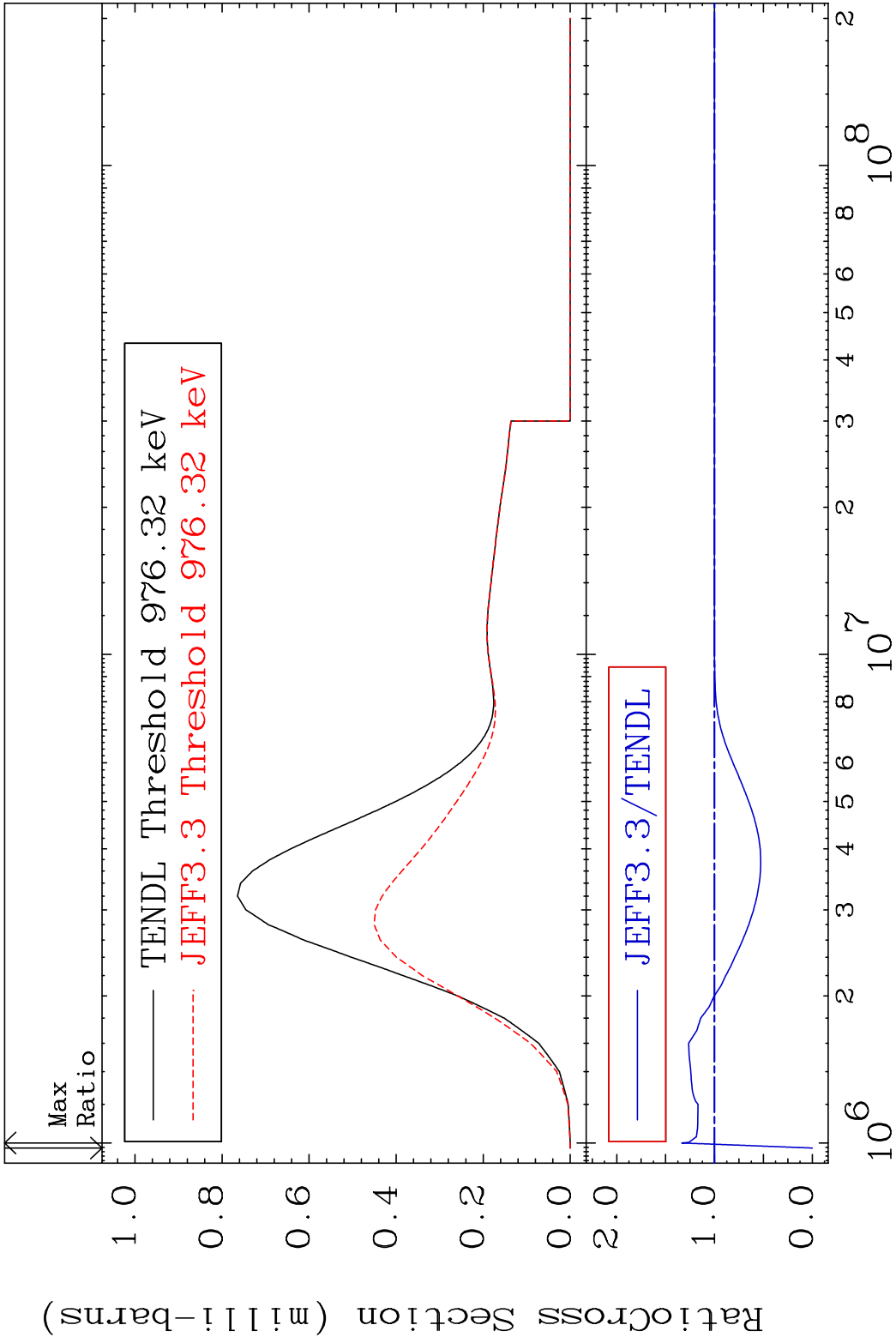
33 Incident Energy (eV) 56-Ba-133

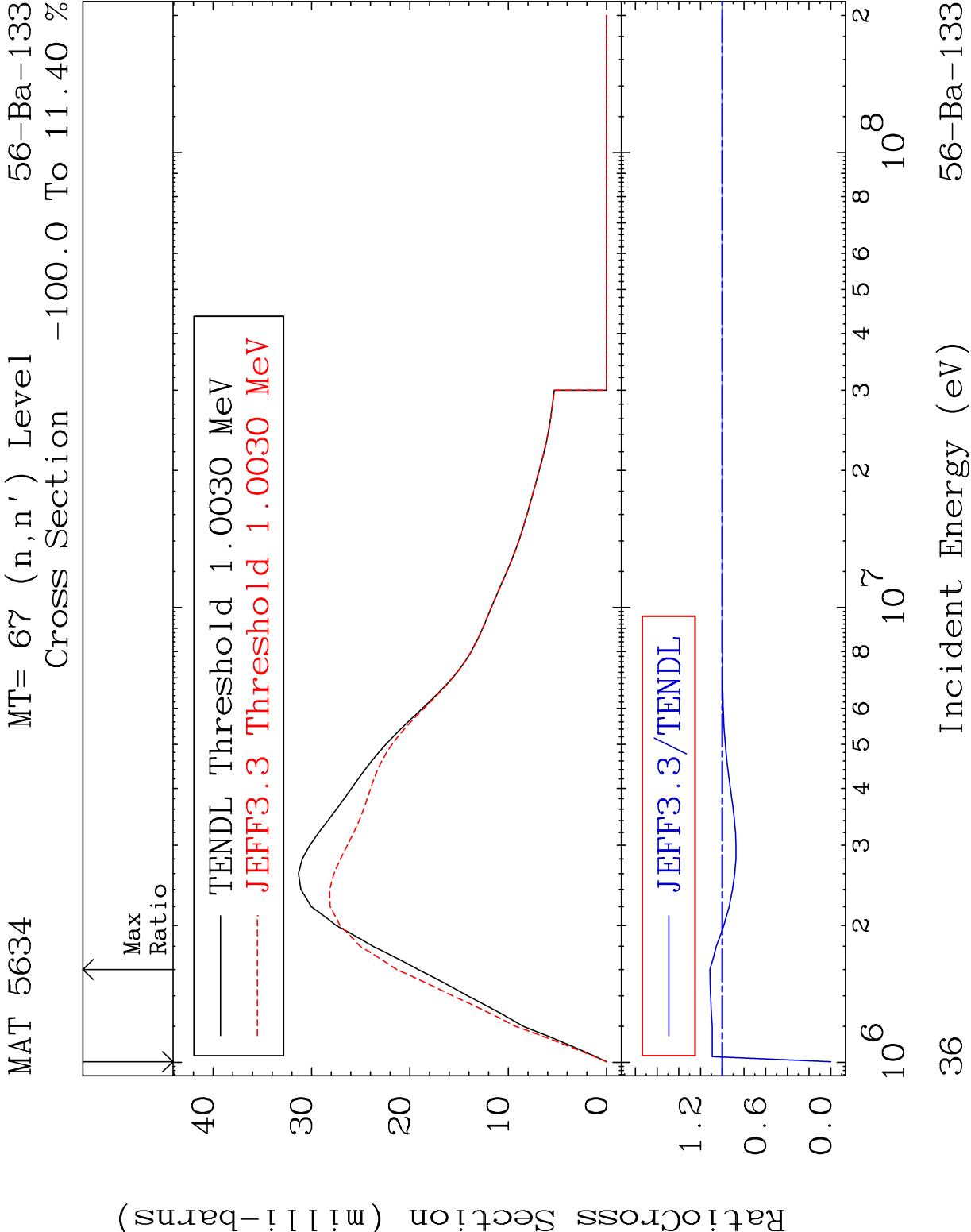
MAT 5634 MT= 65 (n,n') Level 56-Ba-133
Cross Section -41.06 To 8.044 %

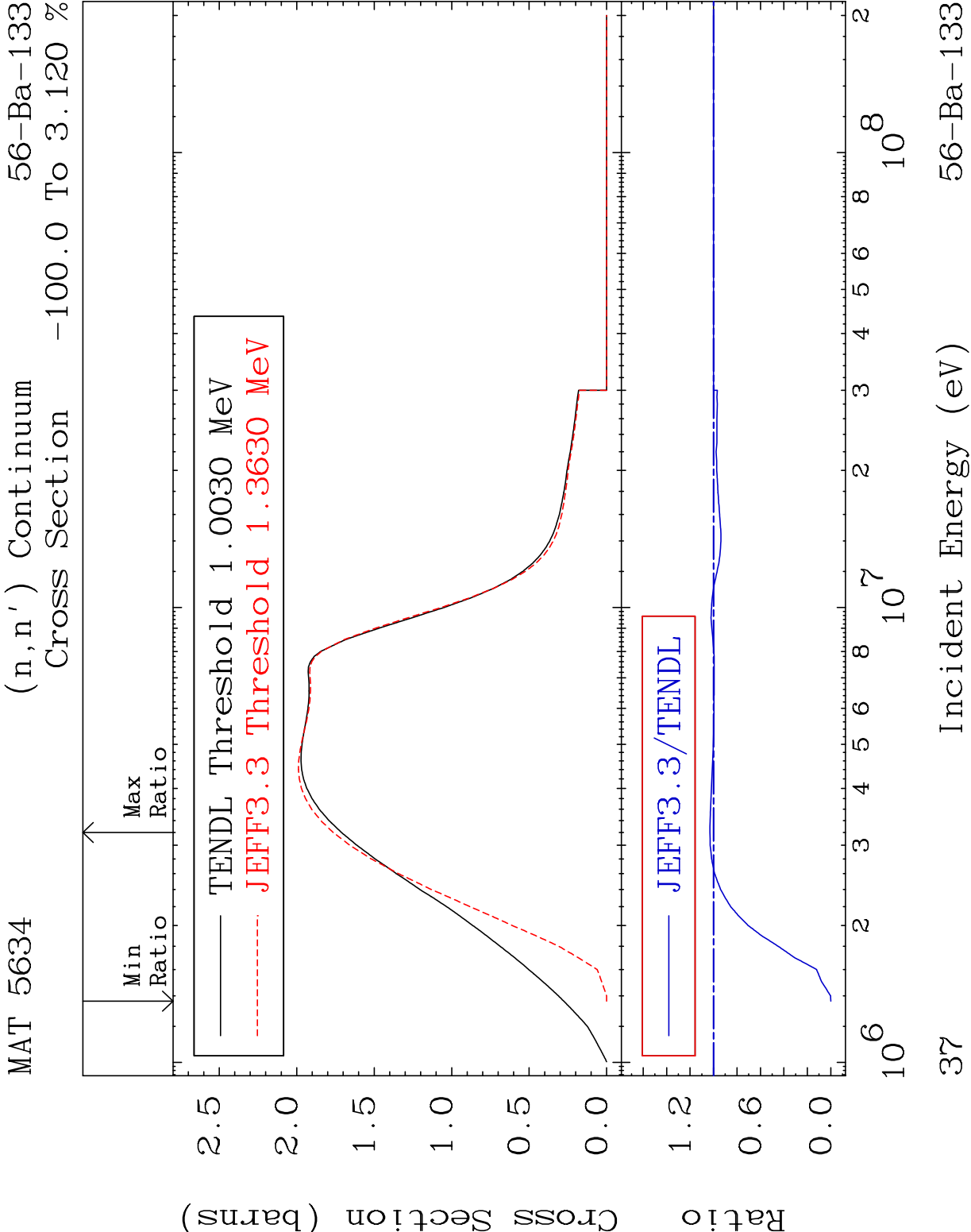


34 Incident Energy (eV) 56-Ba-133

MAT 5634 MT= 66 (n,n') Level 56-Ba-133
Cross Section -100.0 To 33.52 %





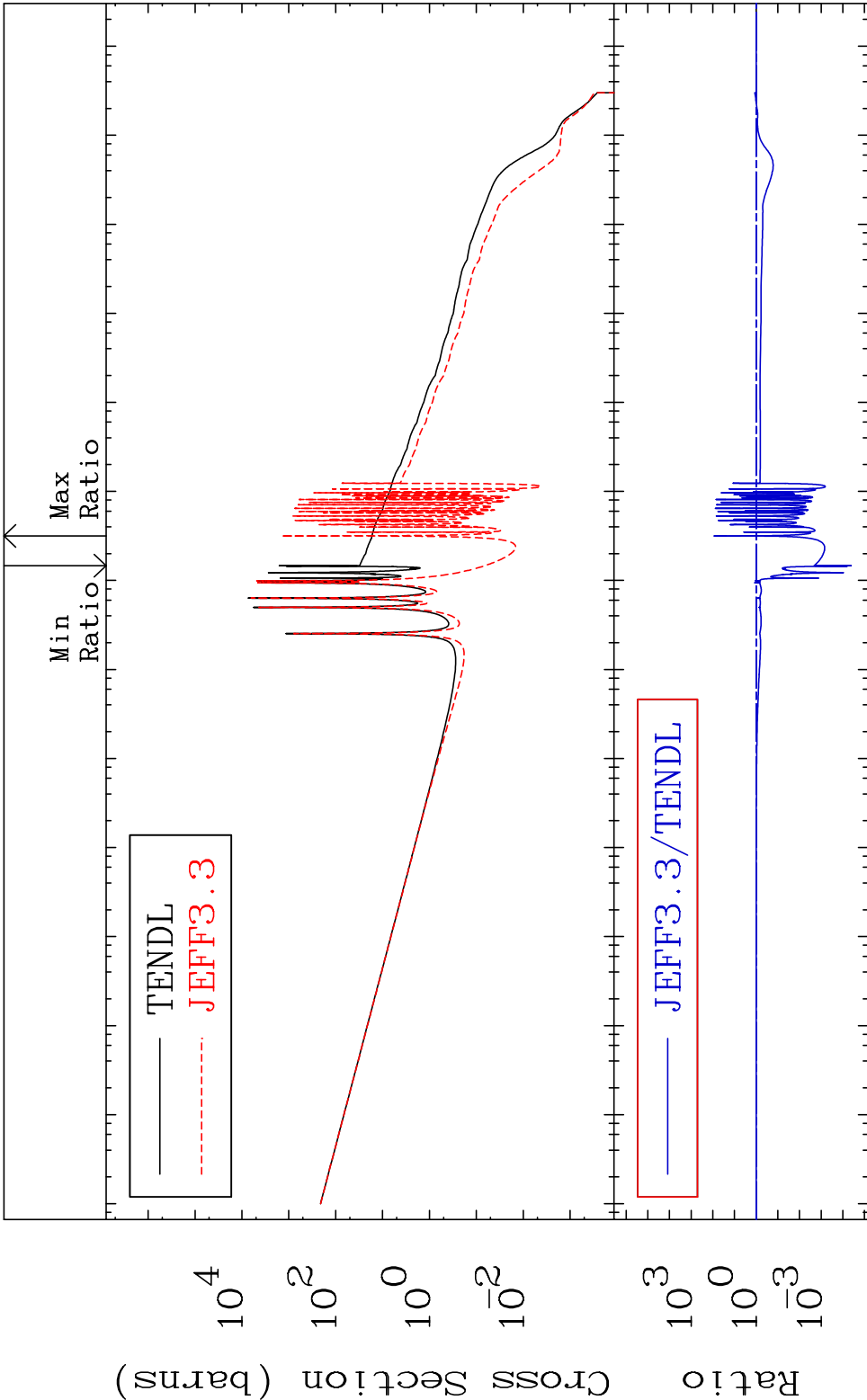


MAT 5634

56-Ba-133

(n, γ)

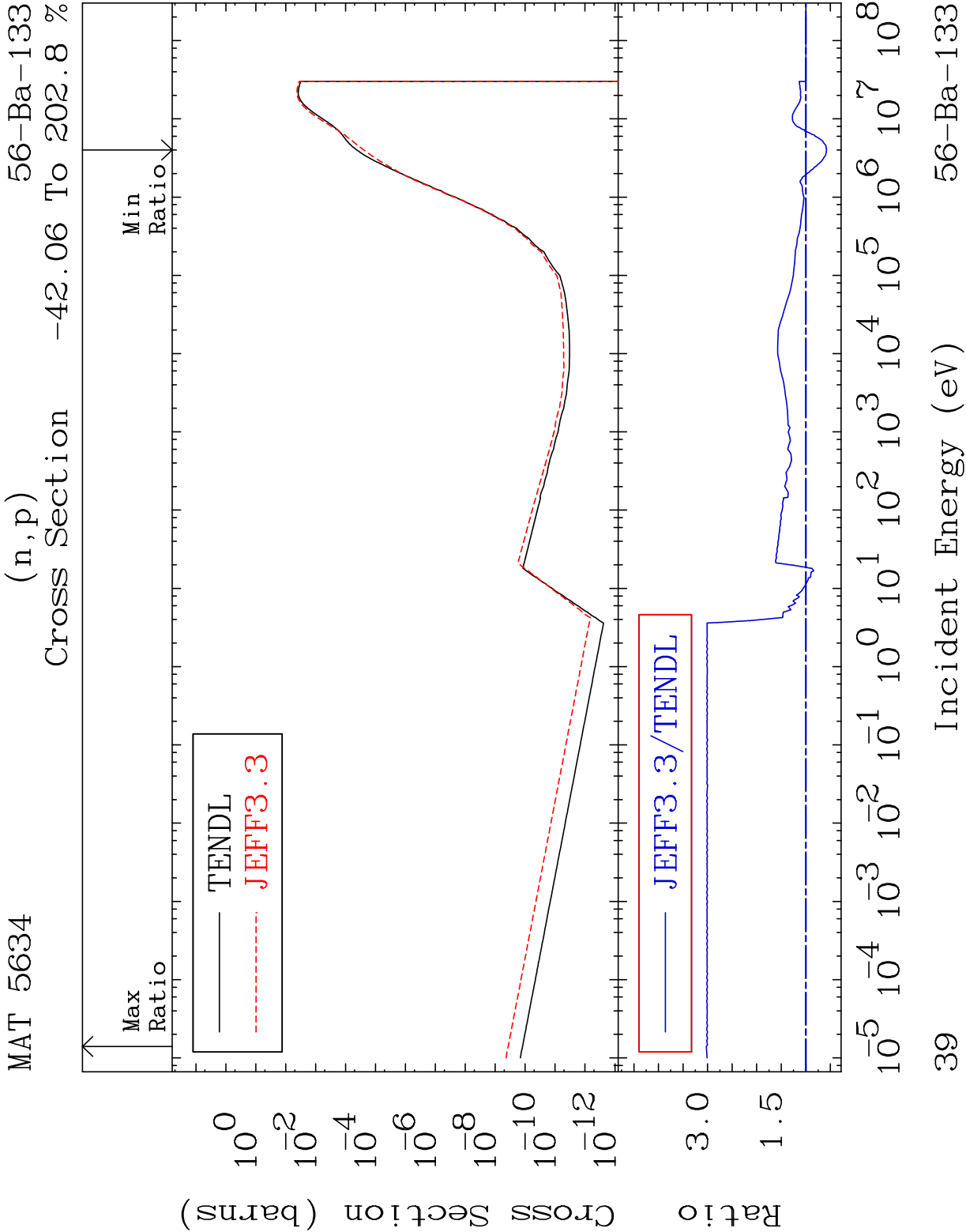
Cross Section -100.0 To 8539. %

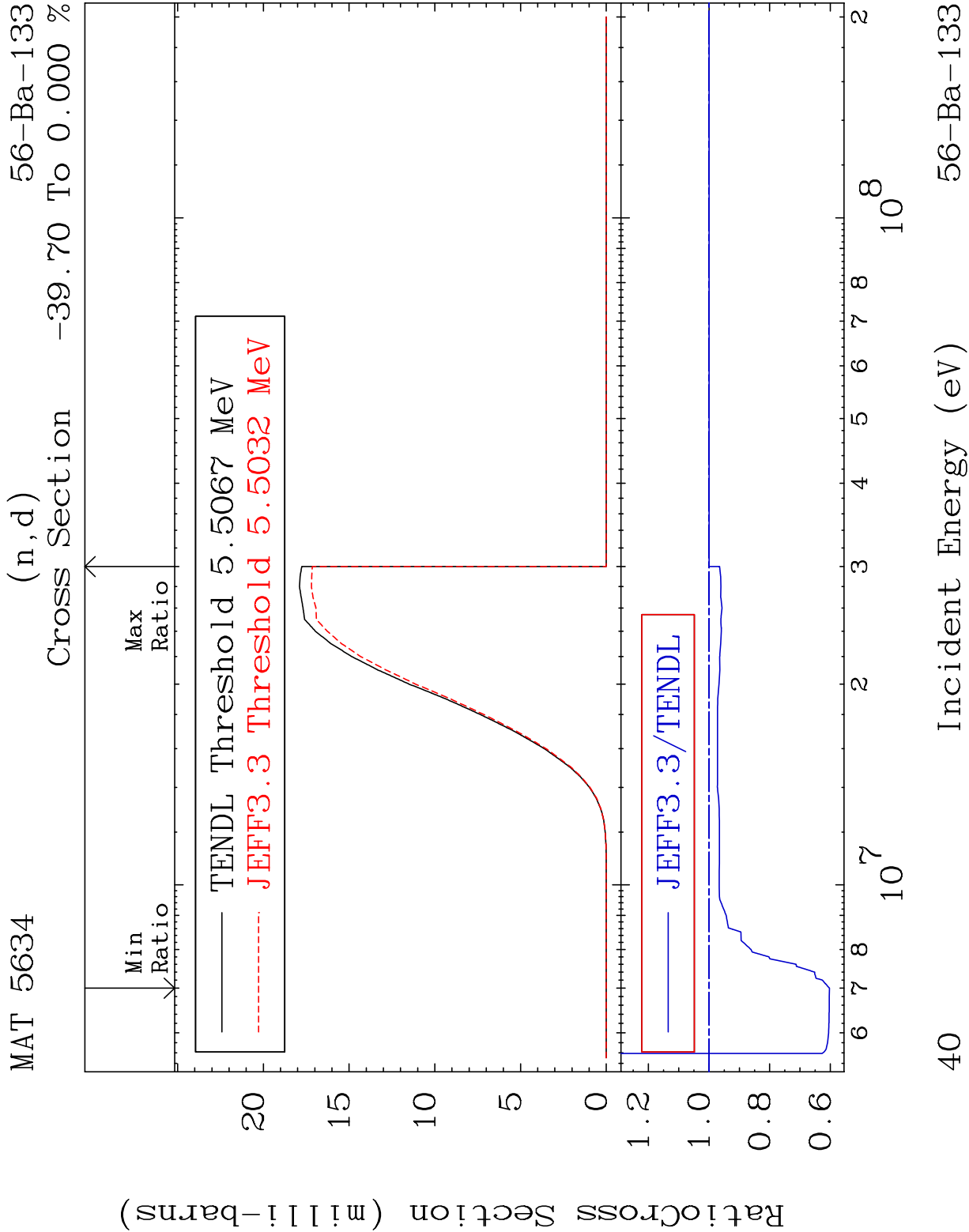


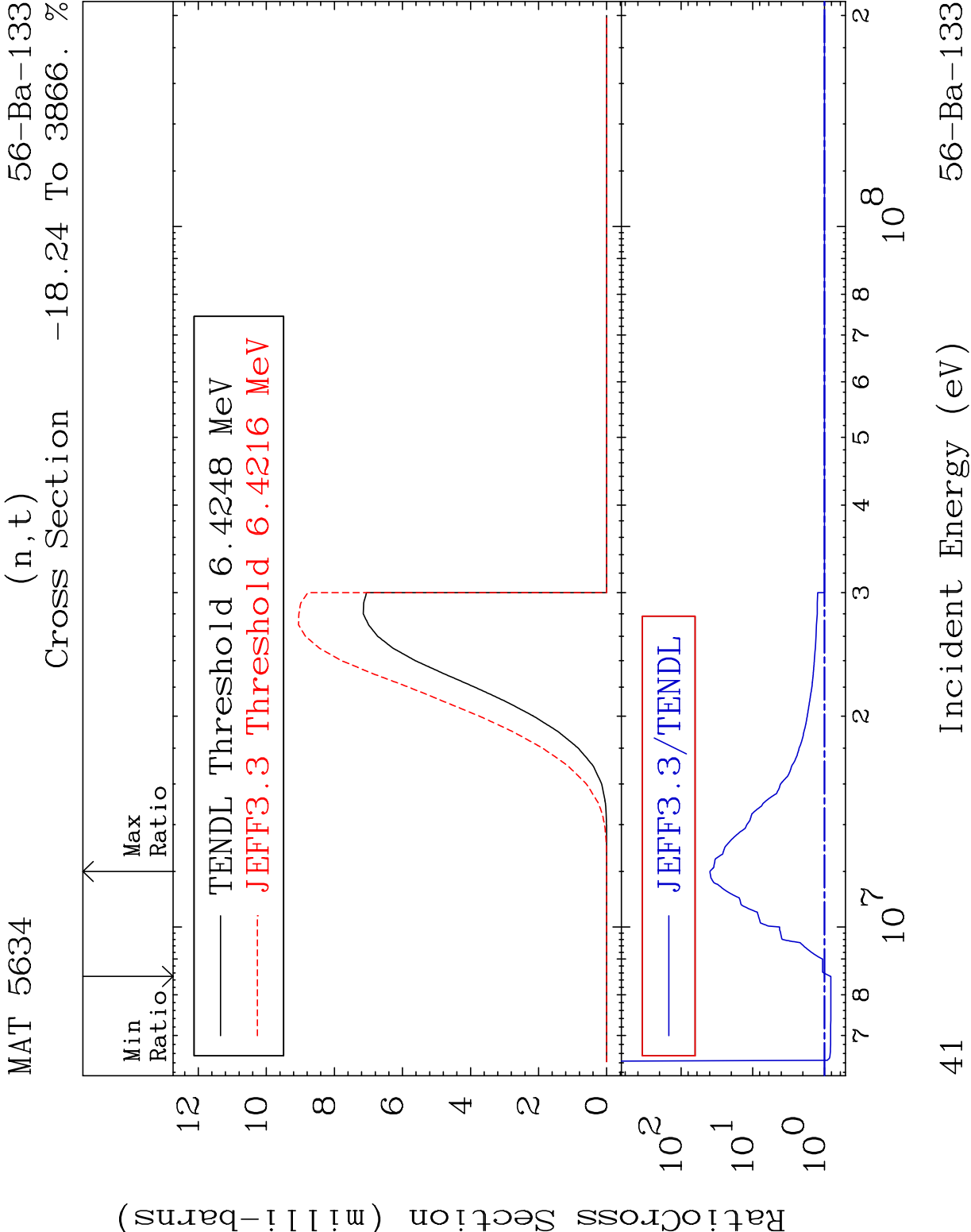
38

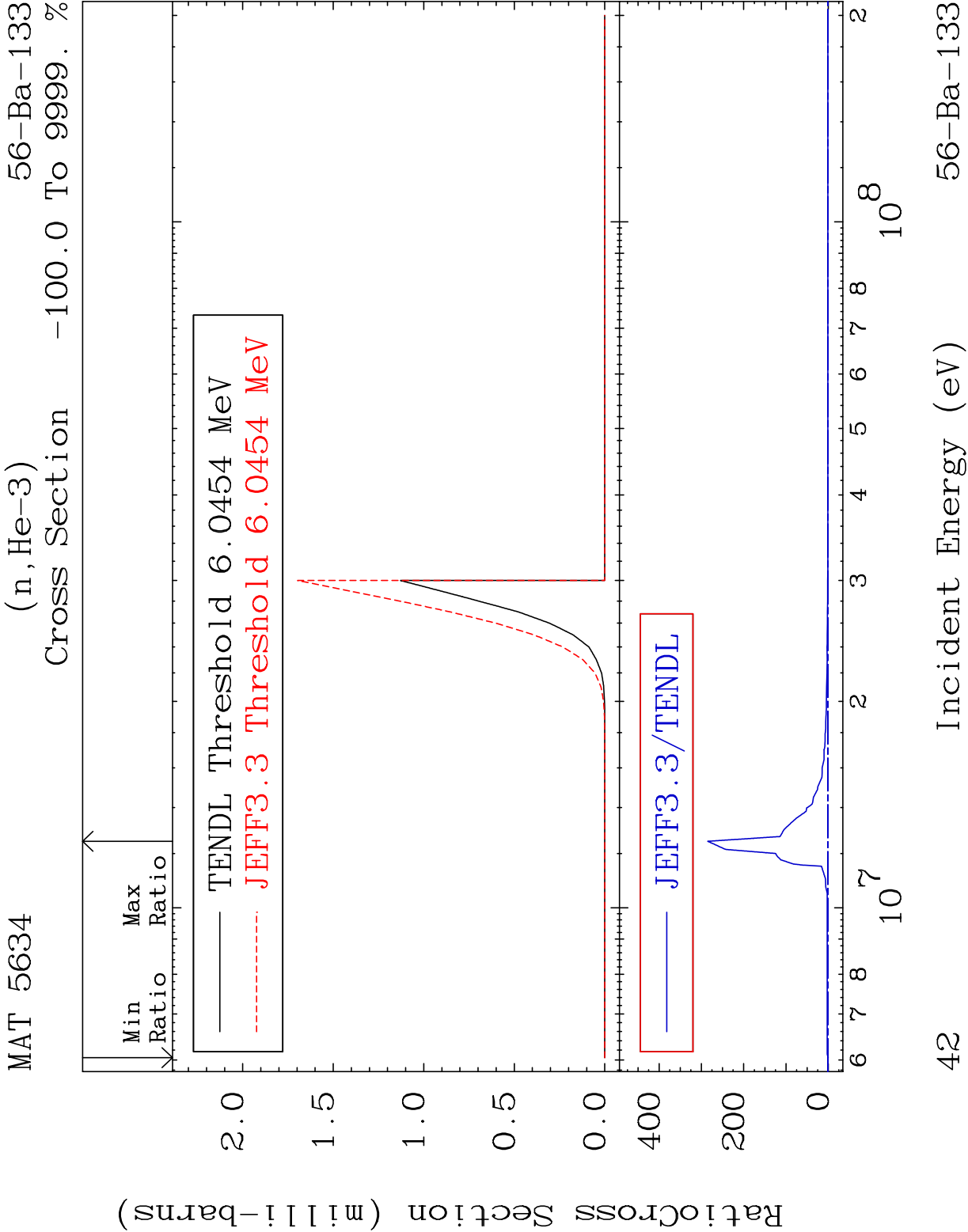
Incident Energy (eV)

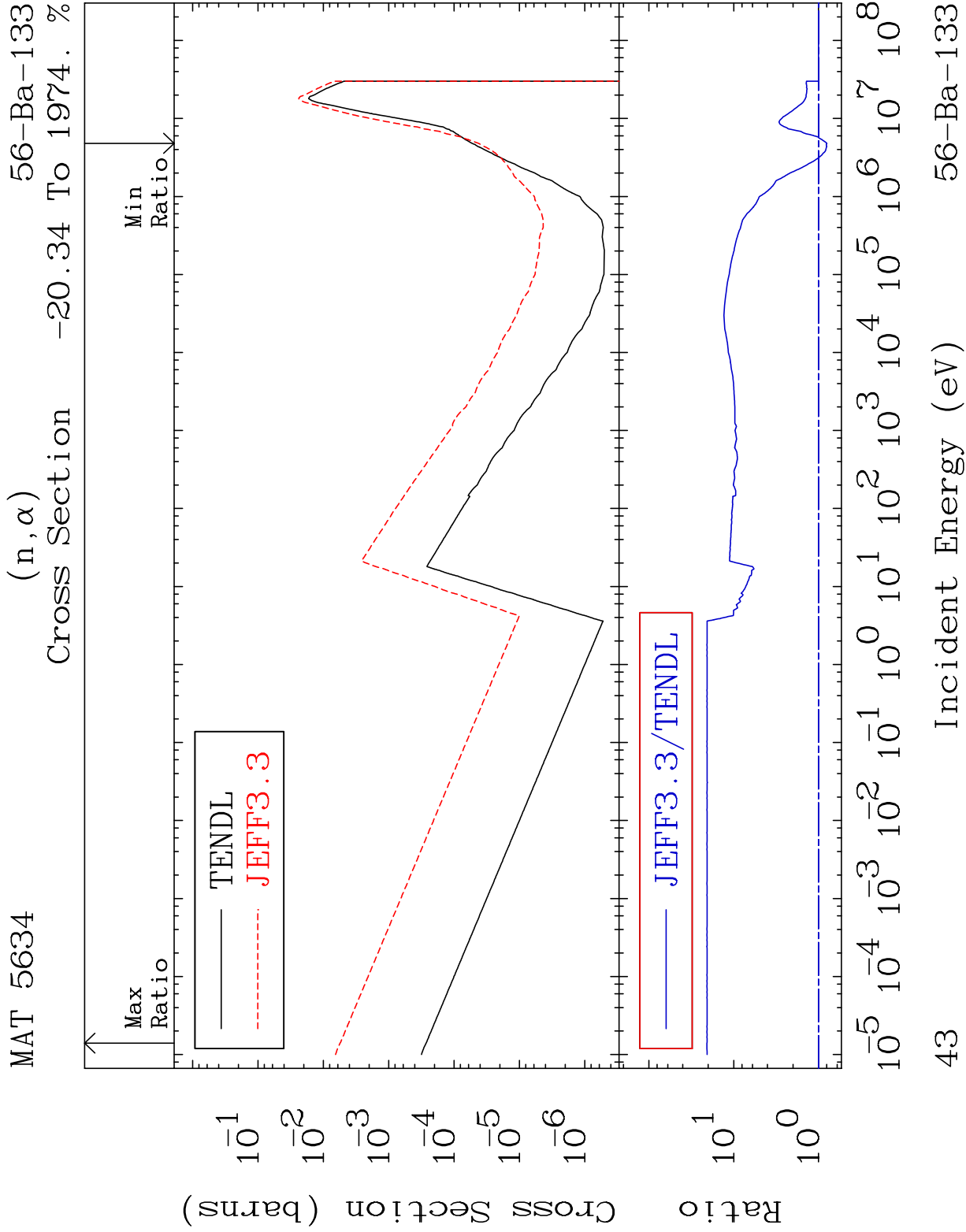
56-Ba-133

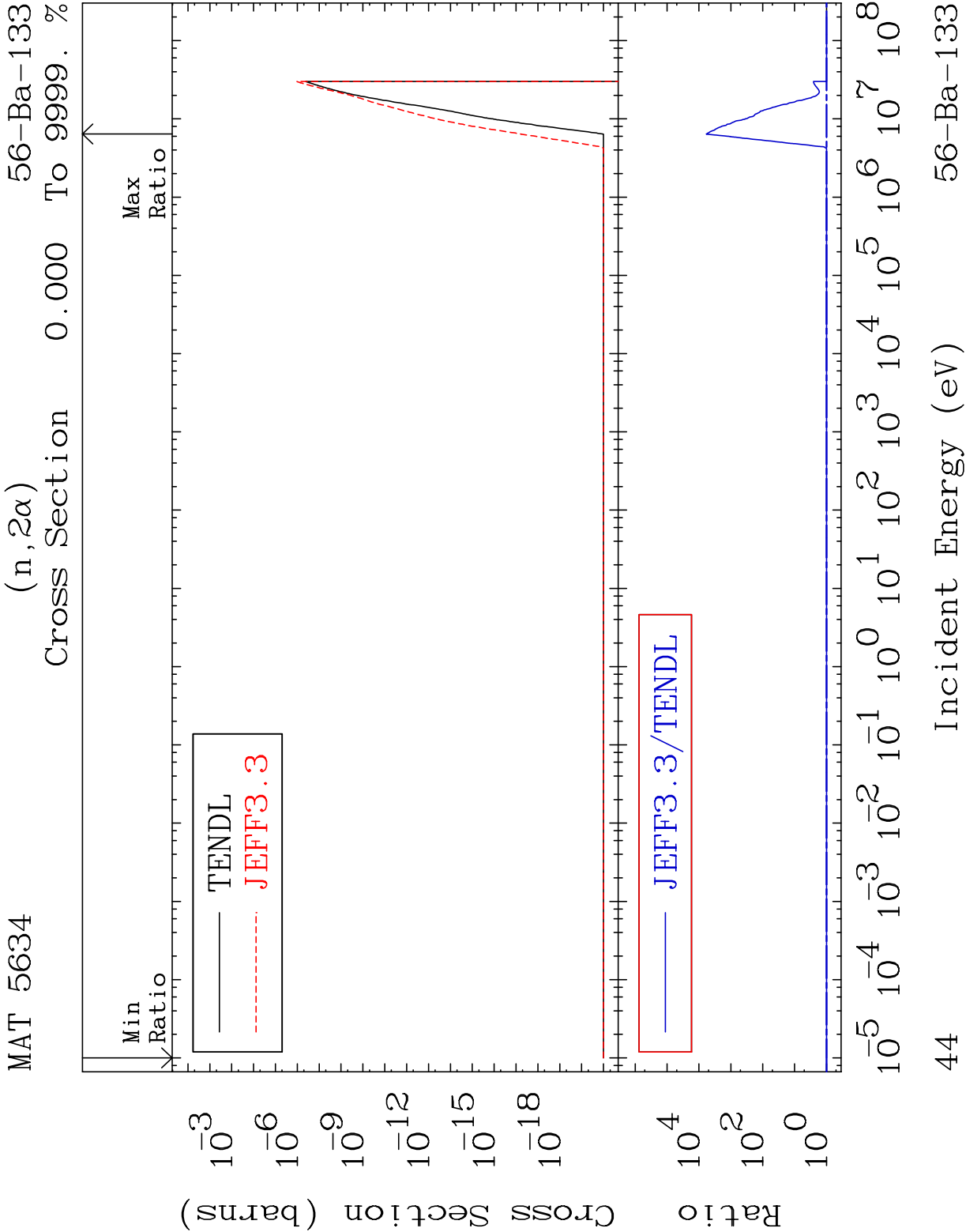




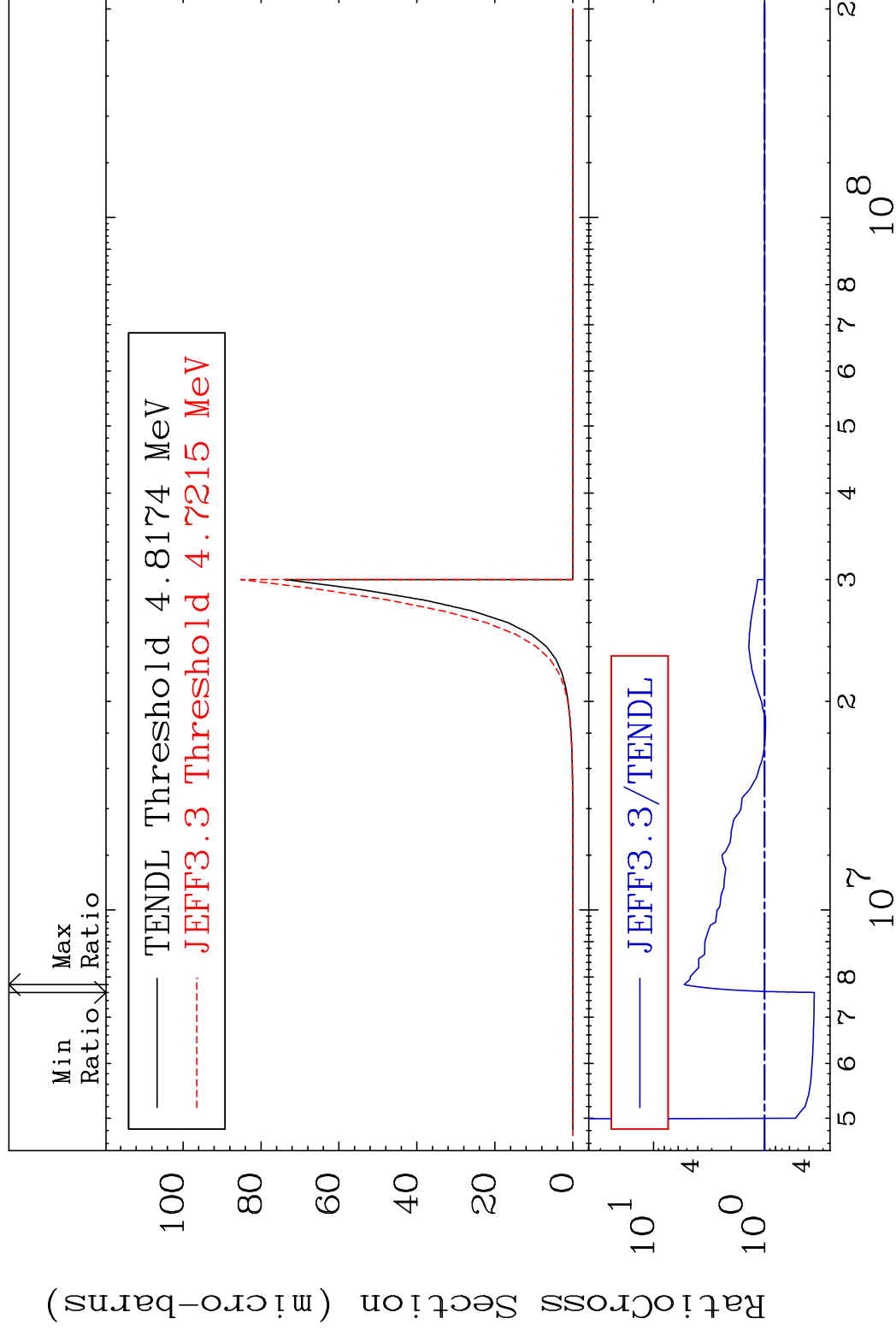


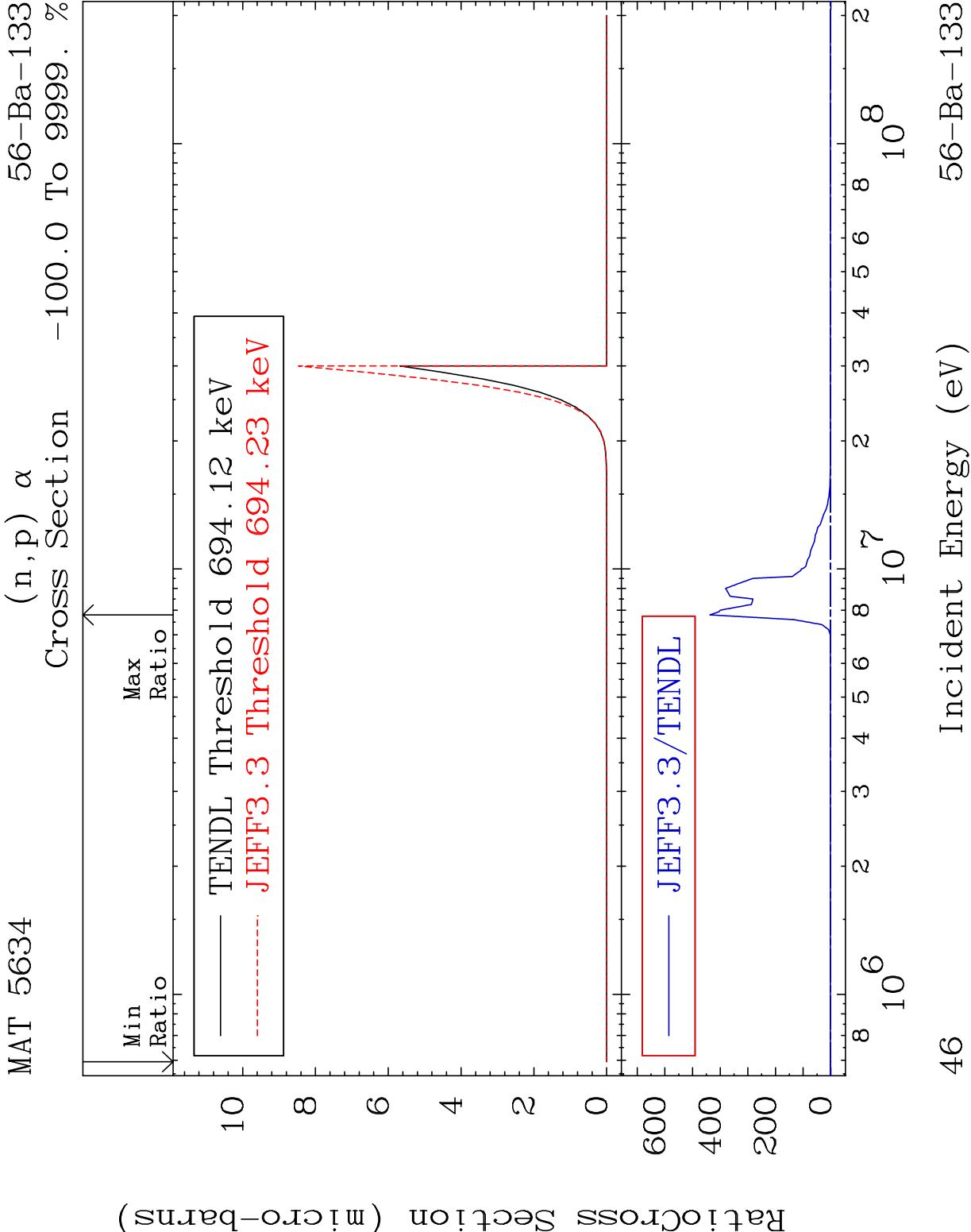


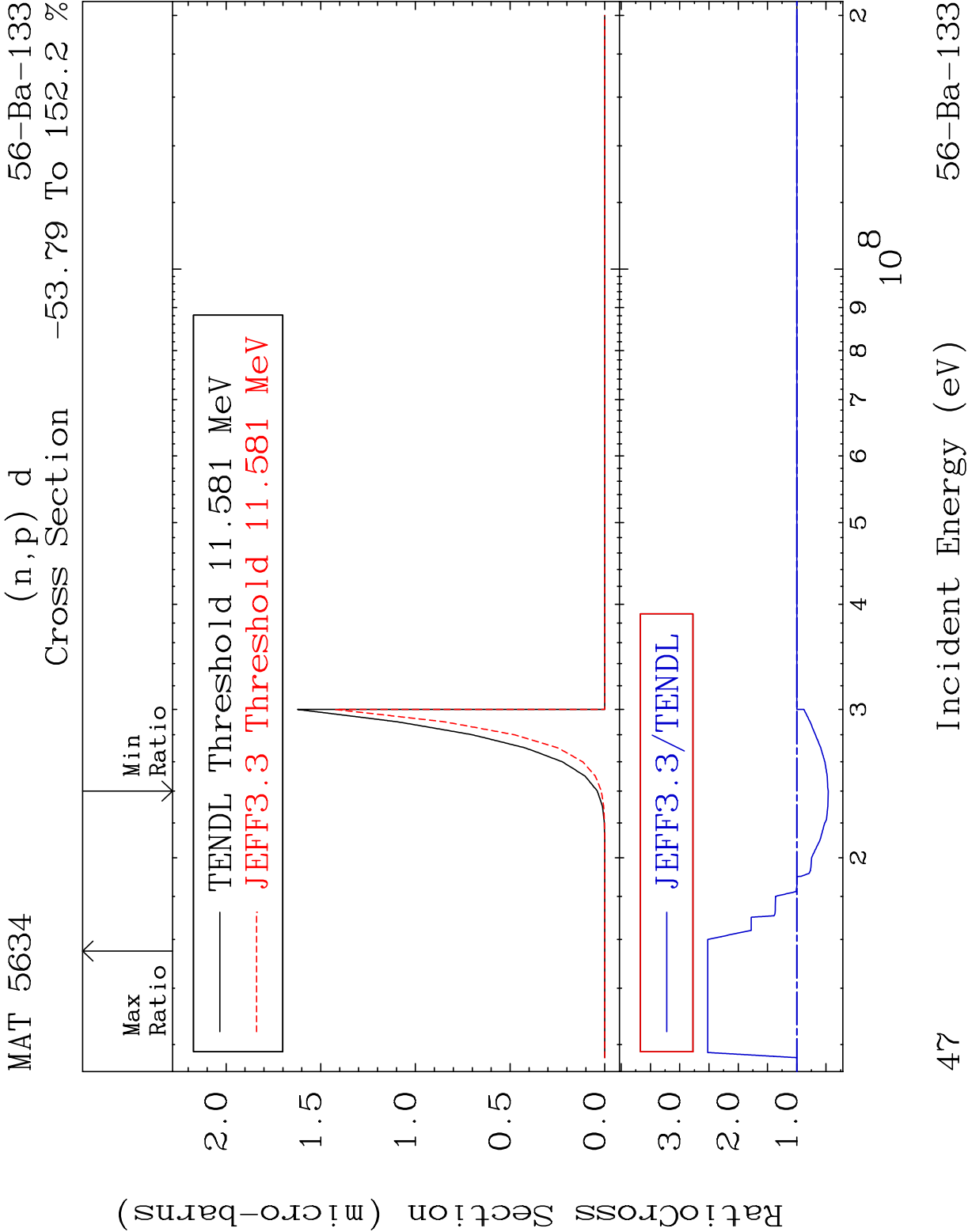




Cross Section -64.14 To 430.6 %

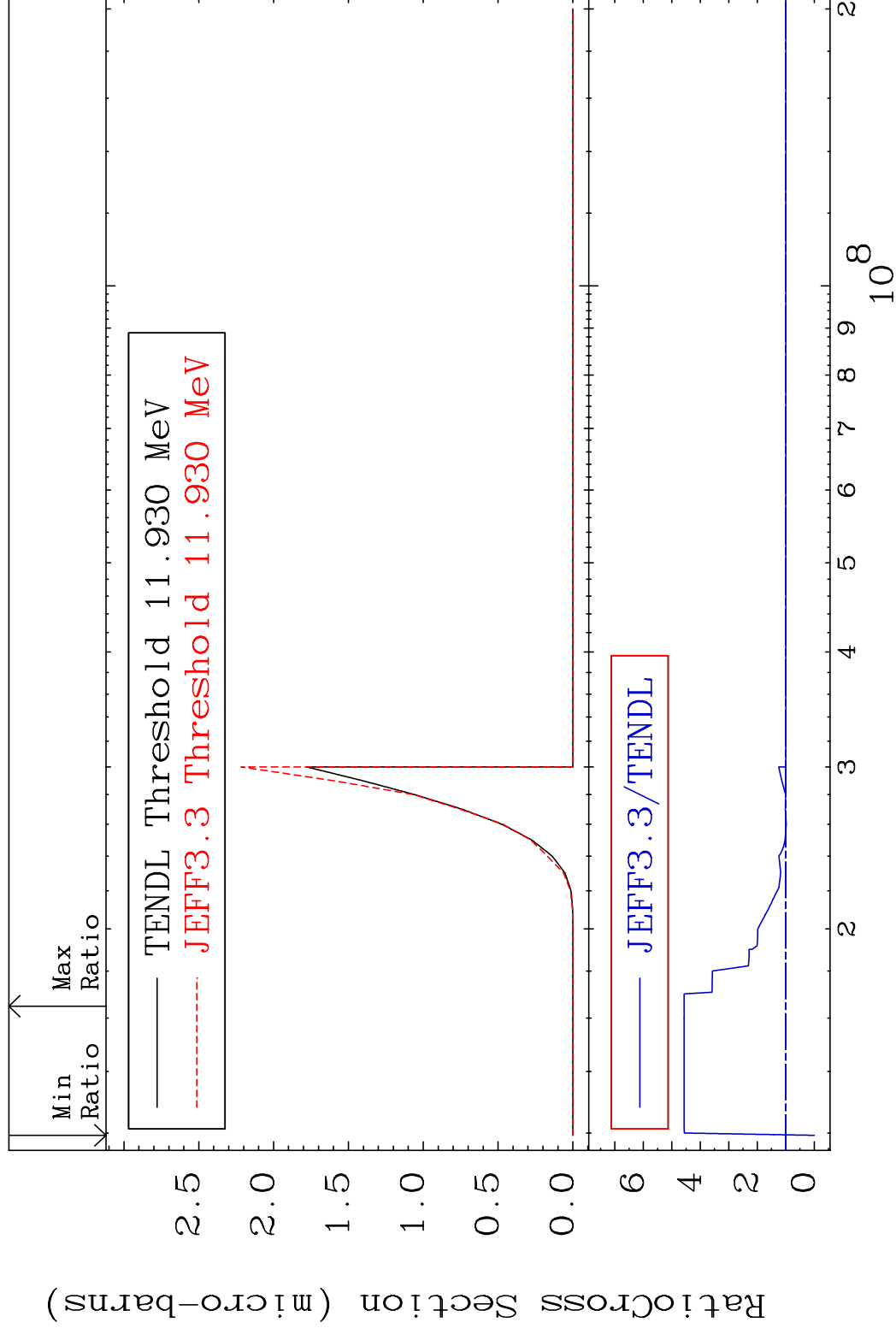


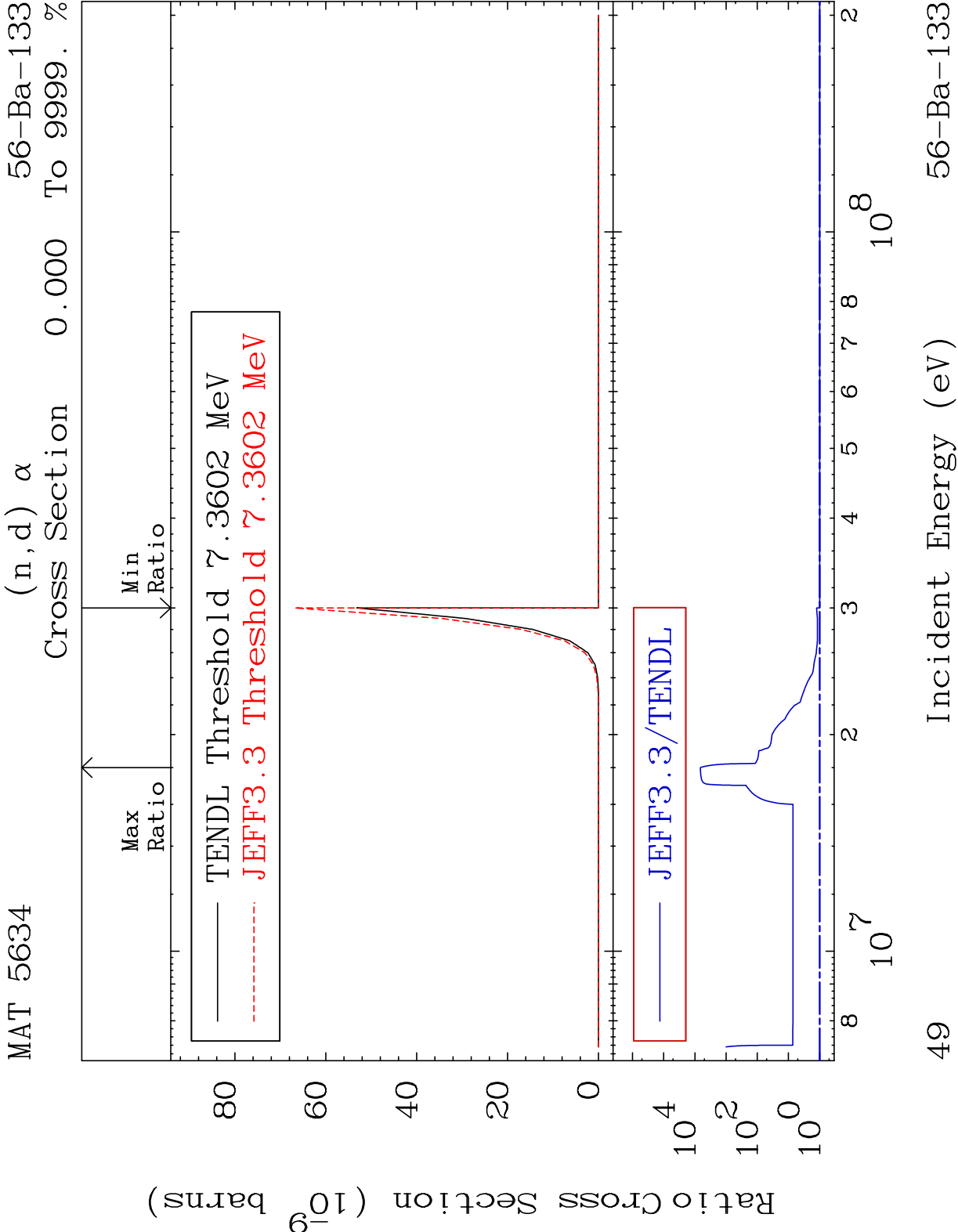


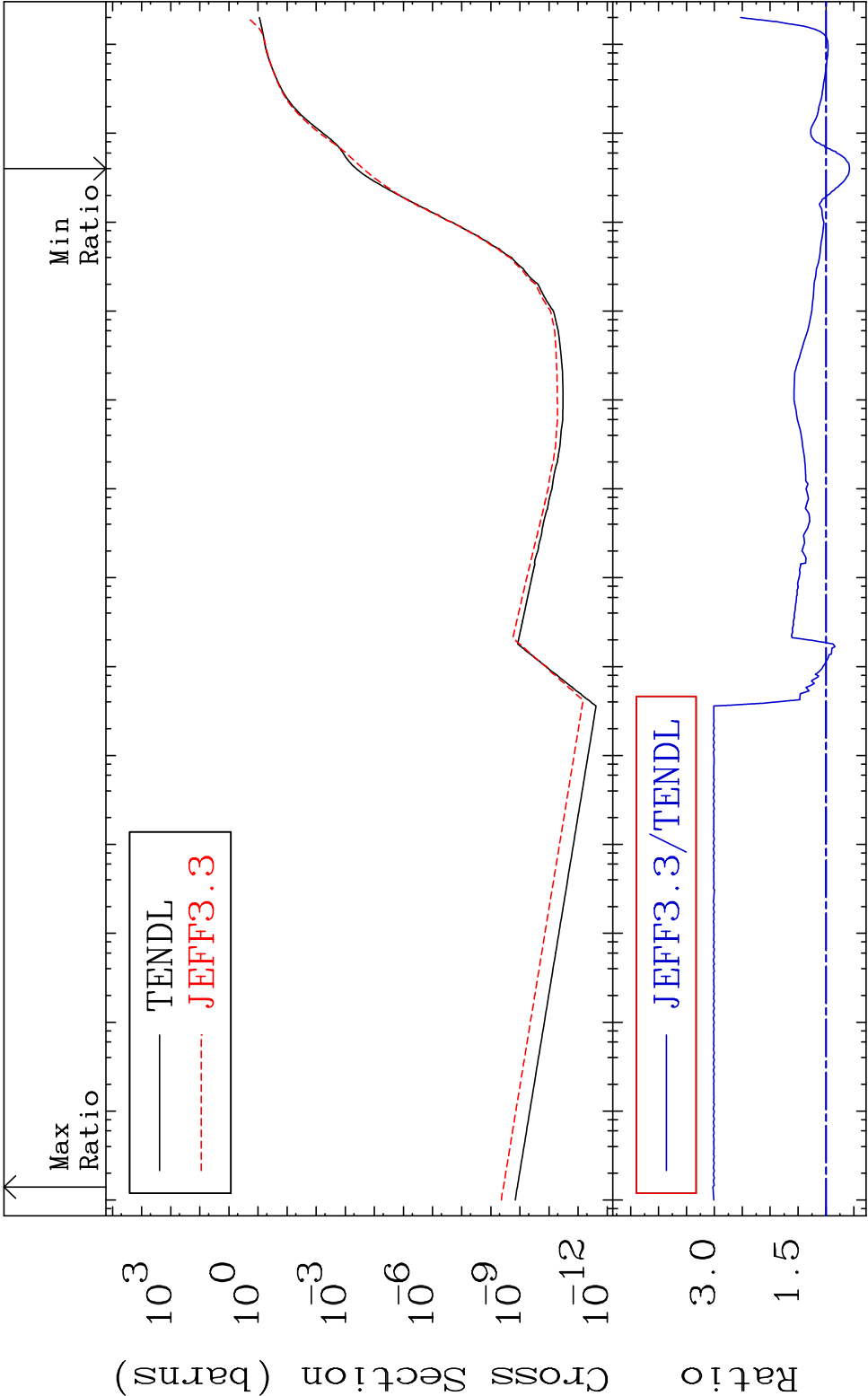


47

56-Ba-133







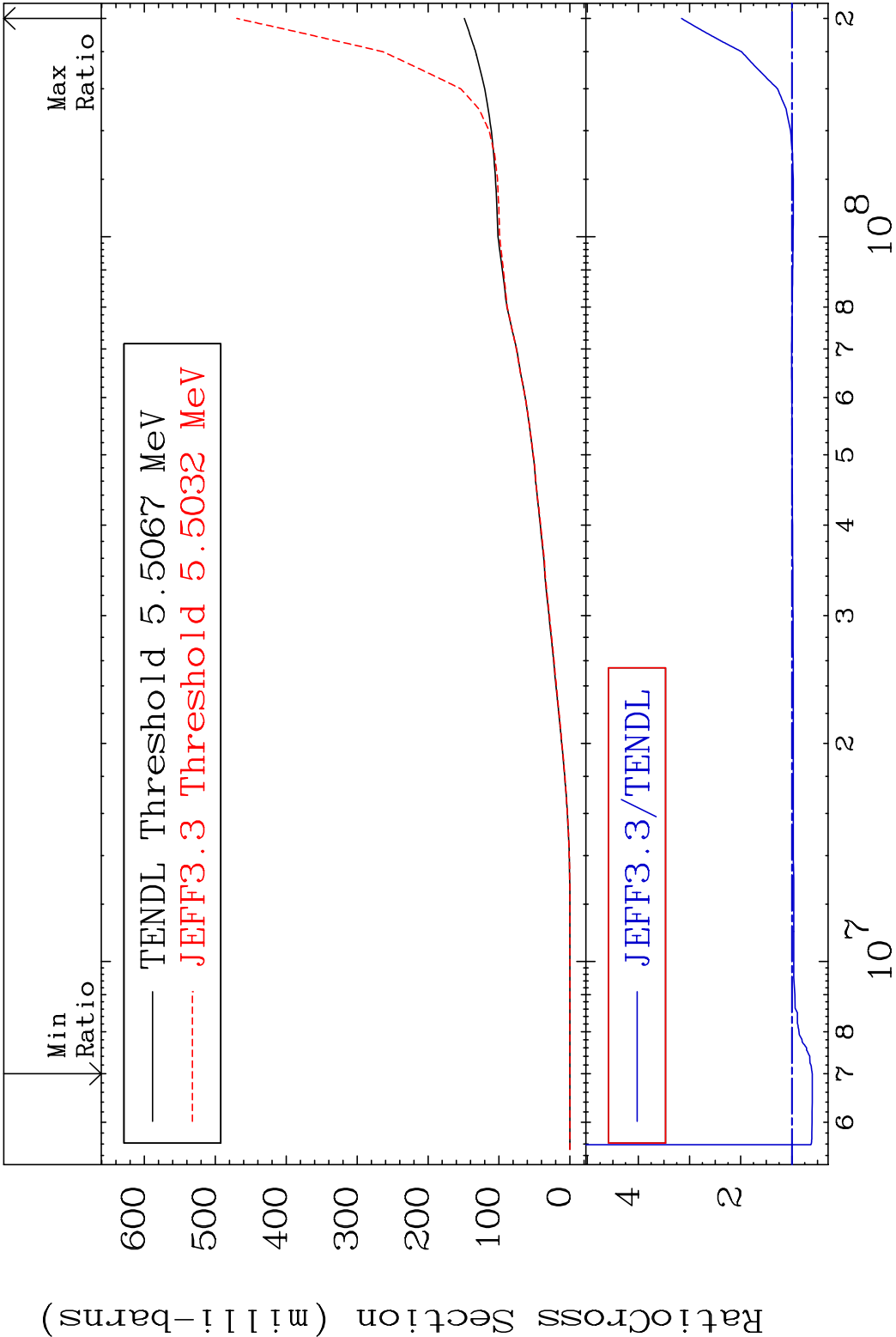
MAT 5634

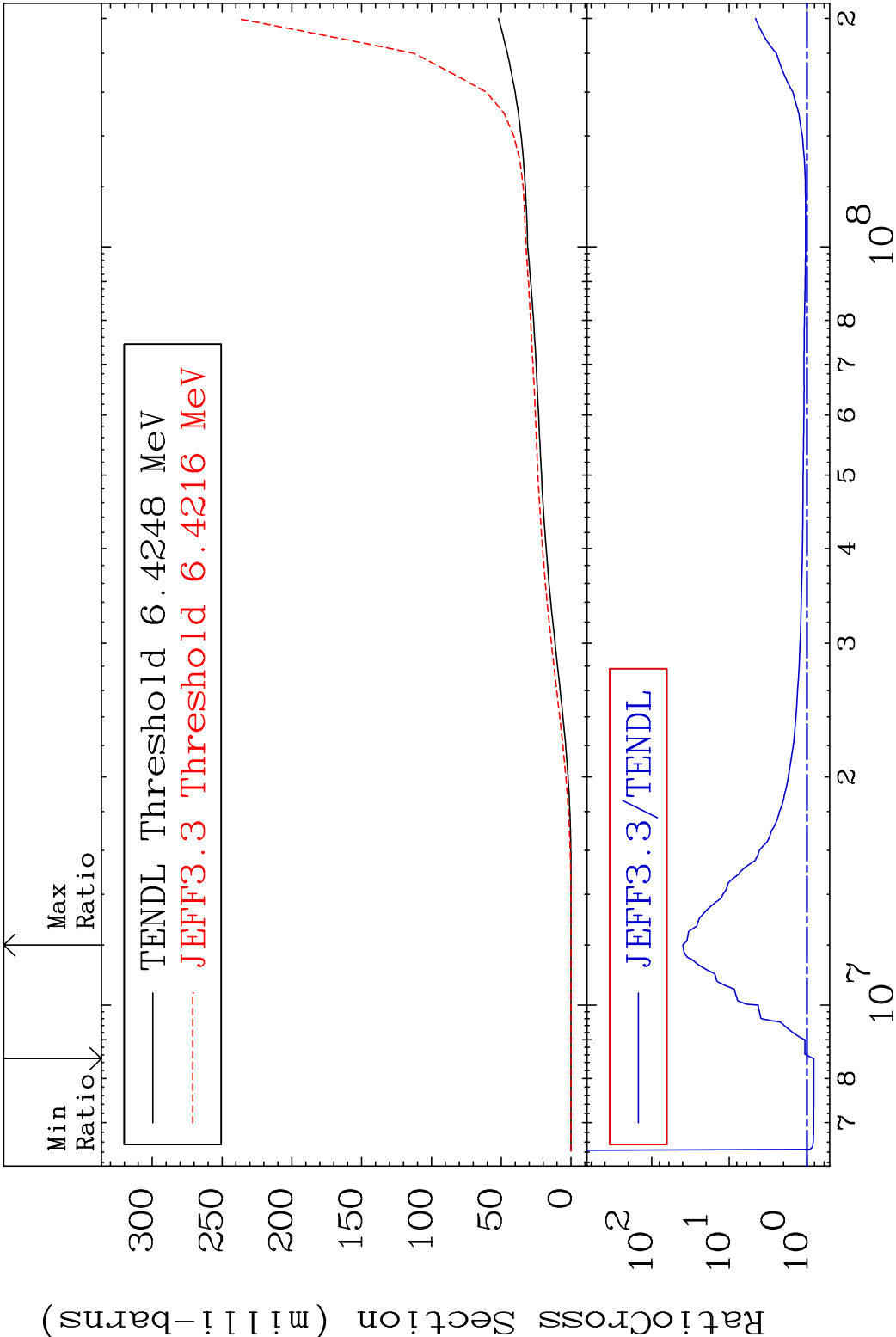
Deuterium Production

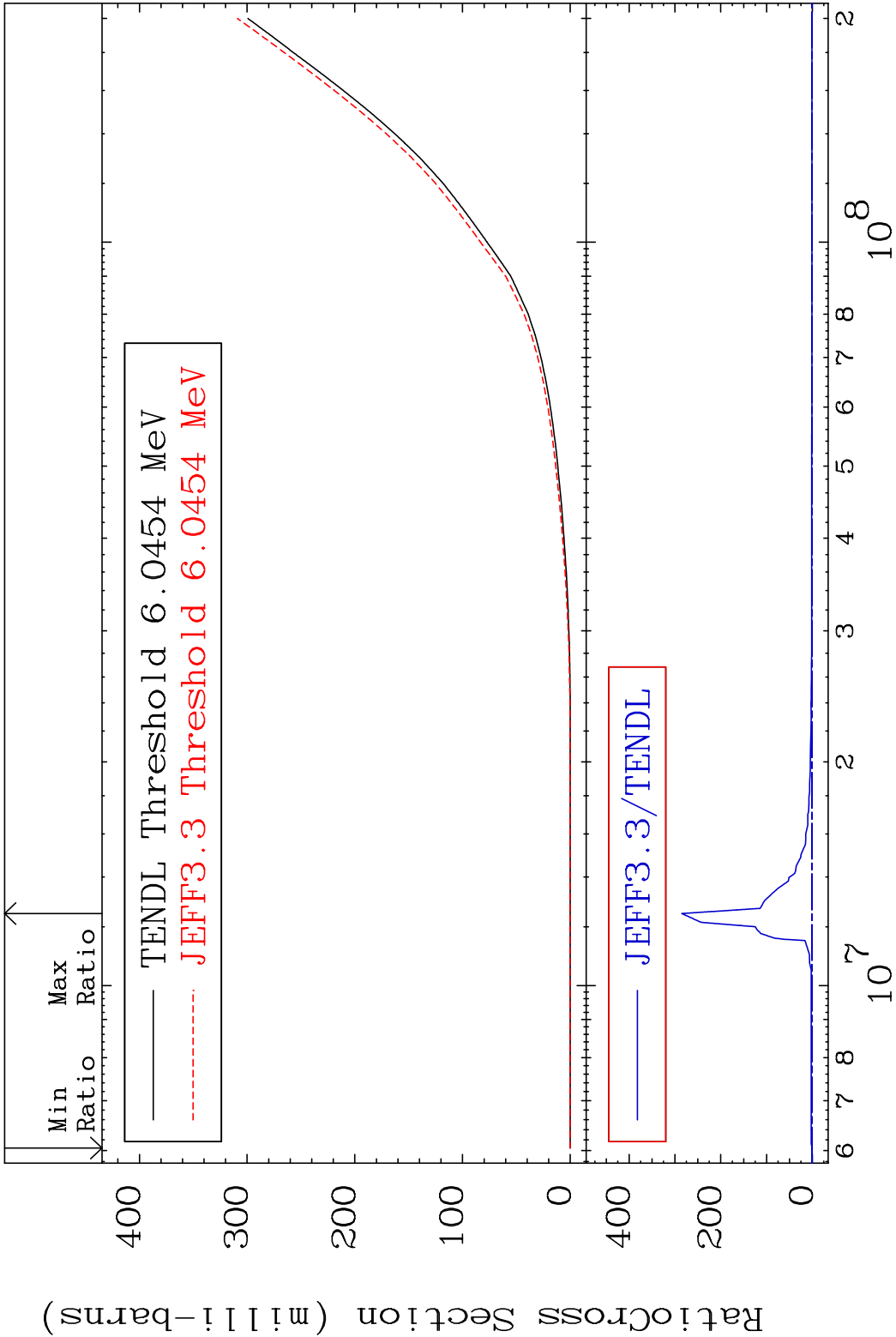
56-Ba-133

Cross Section

-39.70 To 215.7 %







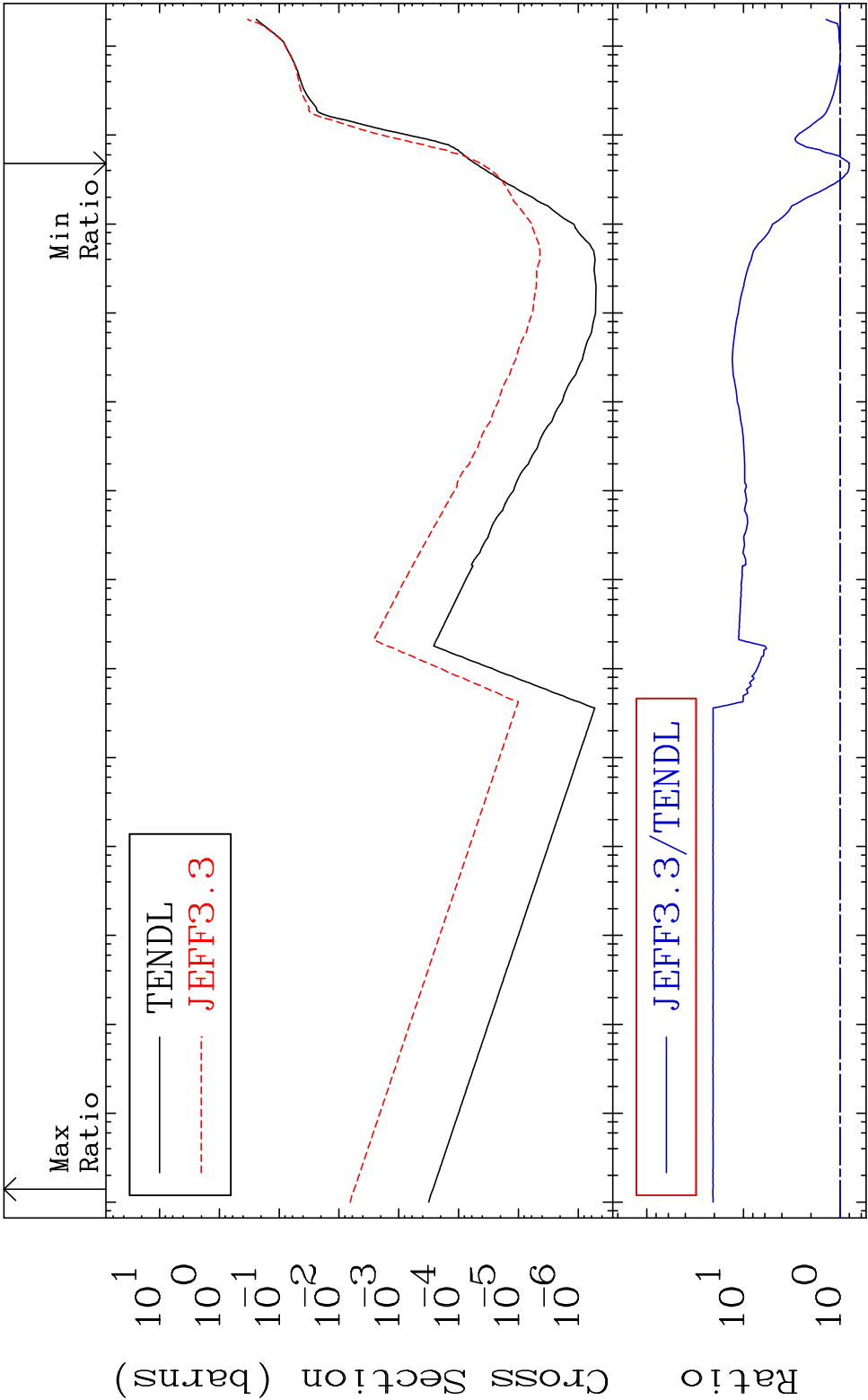
MAT 5634

He-4 Production

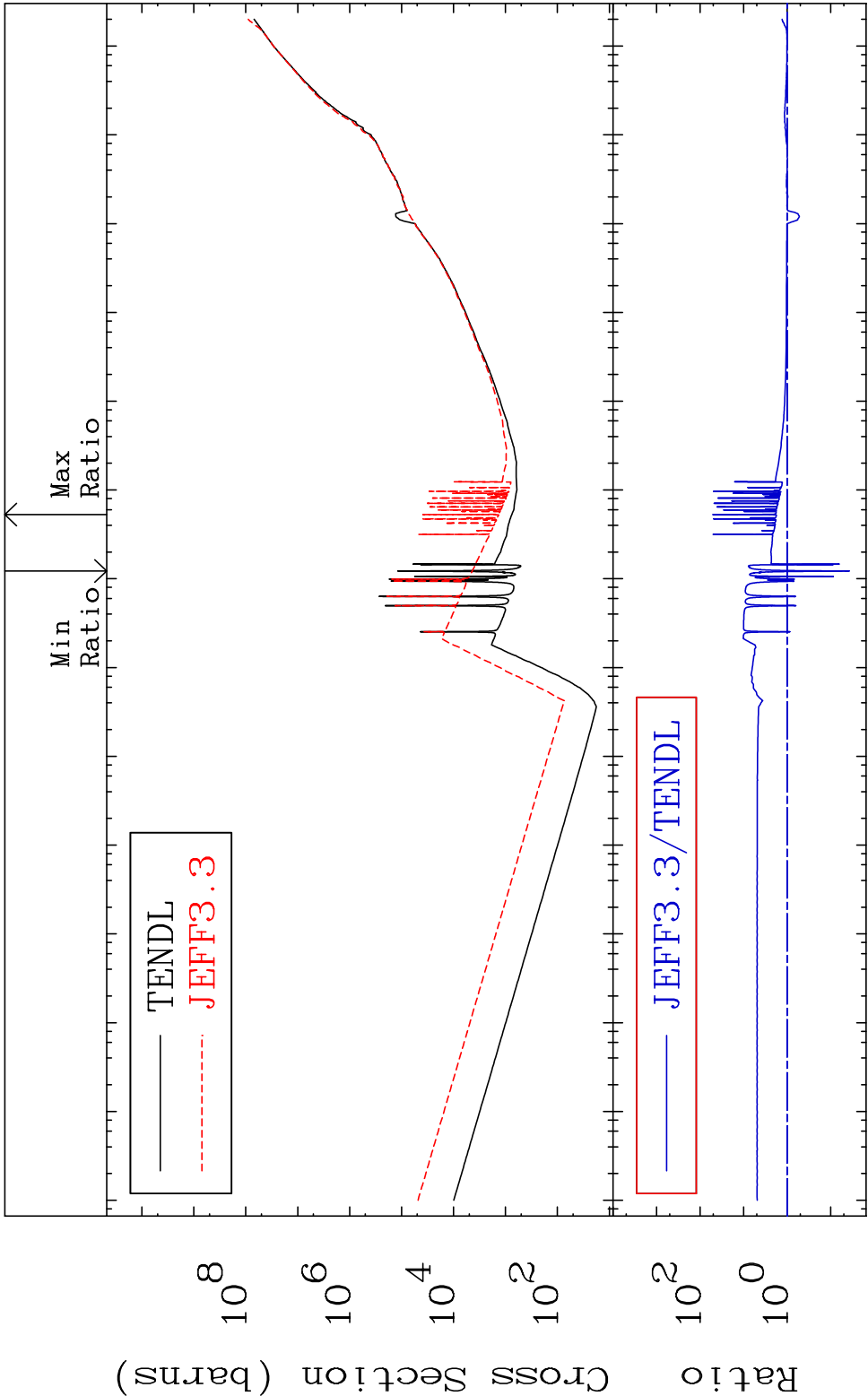
56-Ba-133

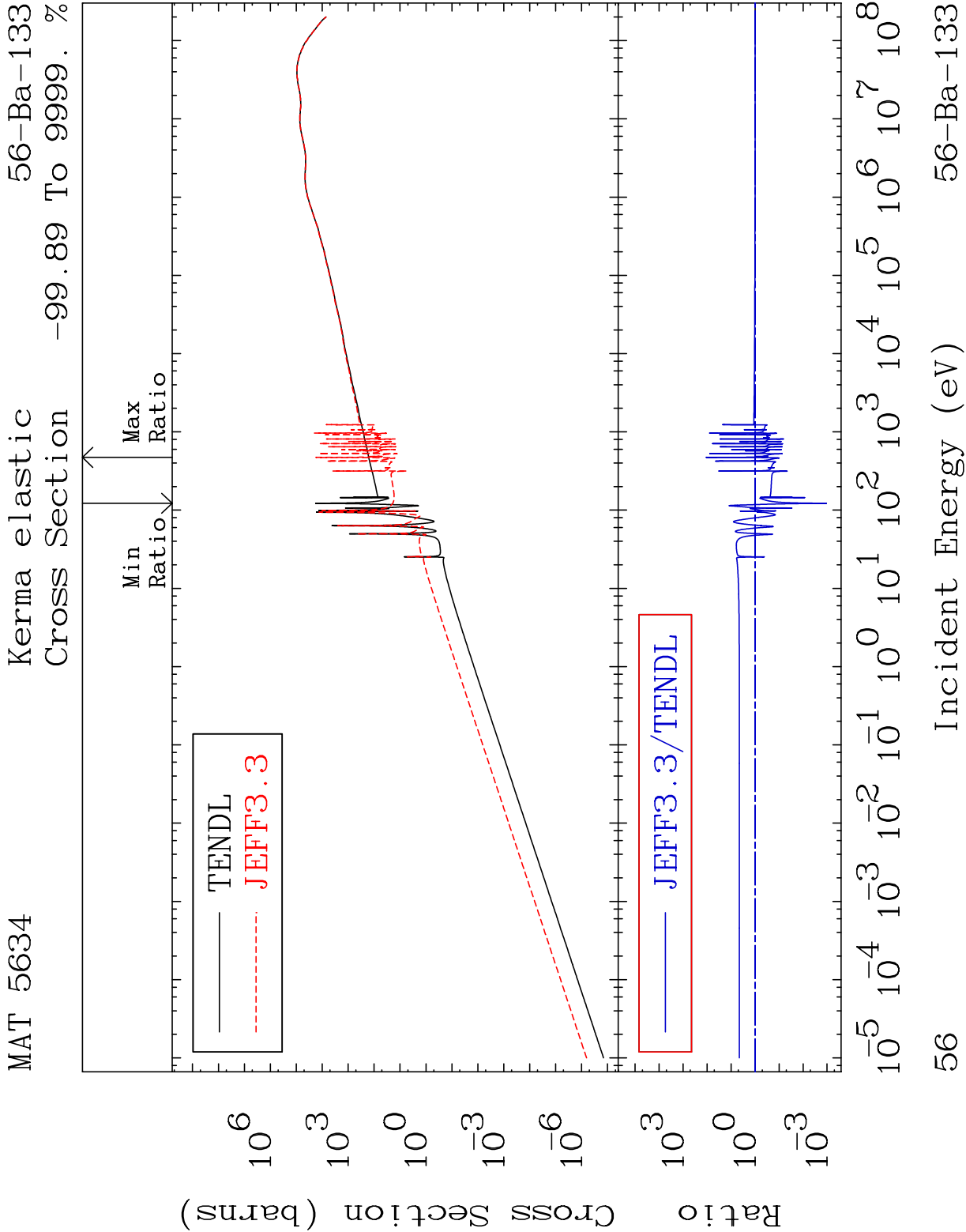
Cross Section

-20.34 To 1974. %

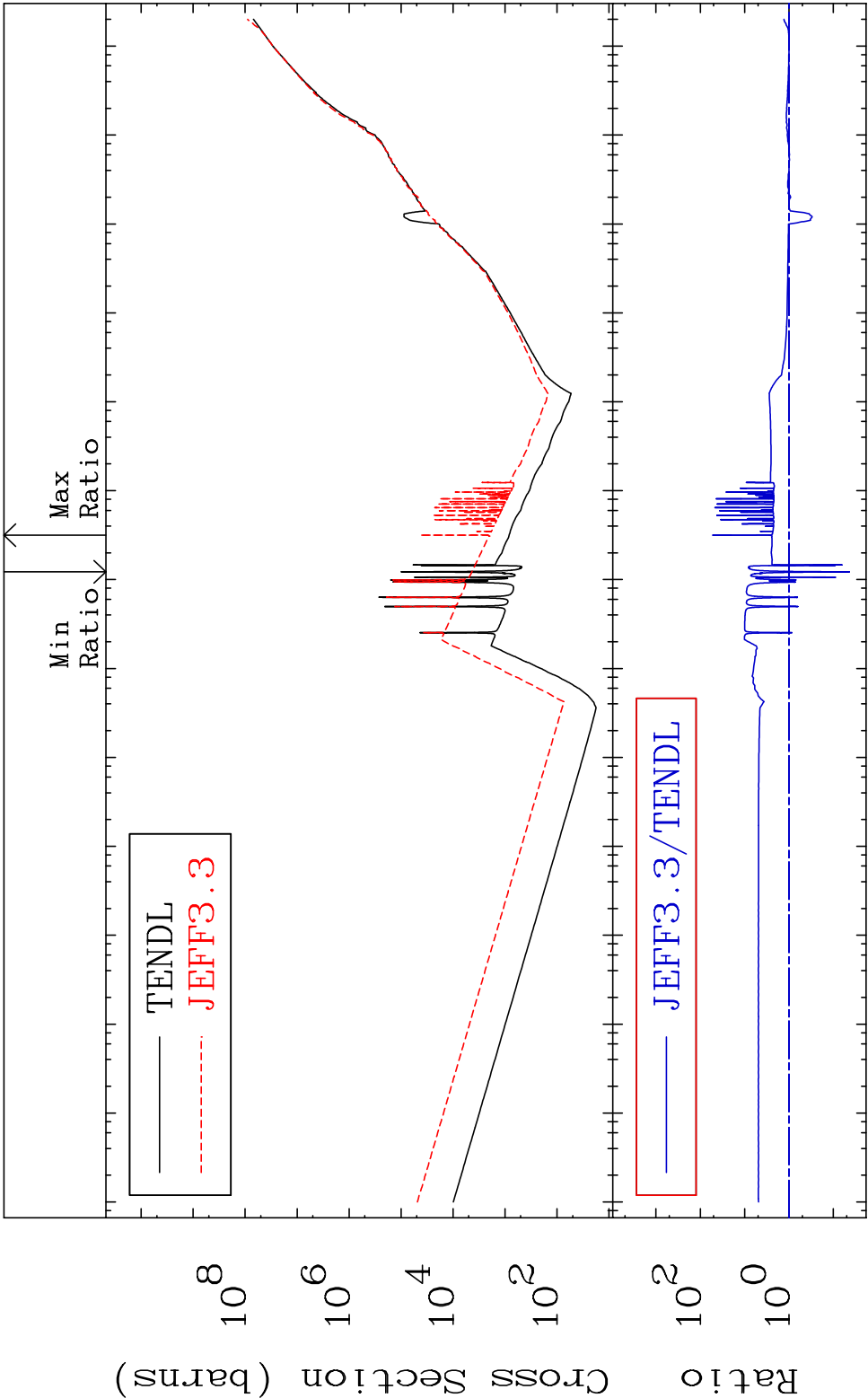


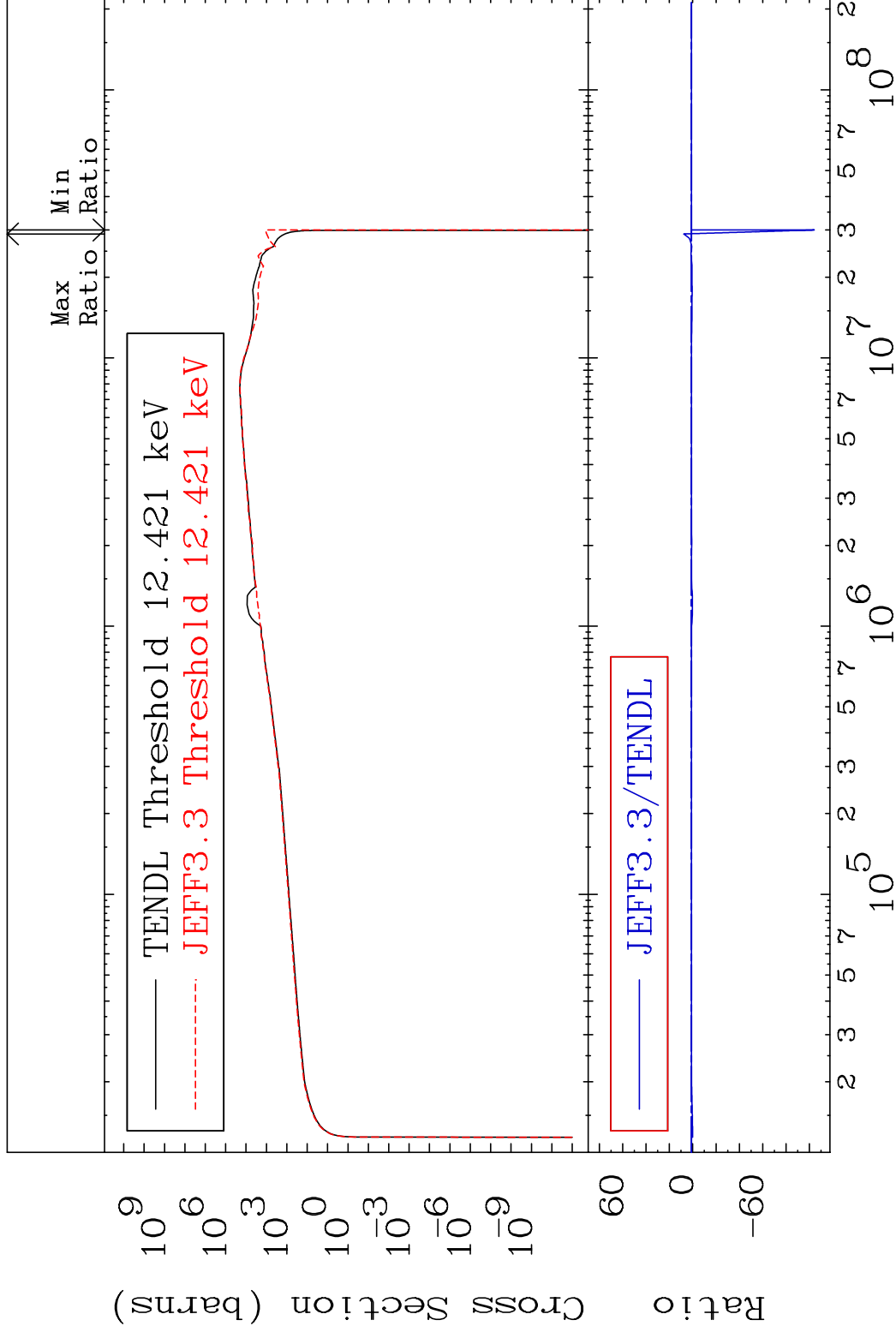
MAT 5634 Kerma total (eV-barns) 56-Ba-133
Cross Section -96.32 To 4953. %



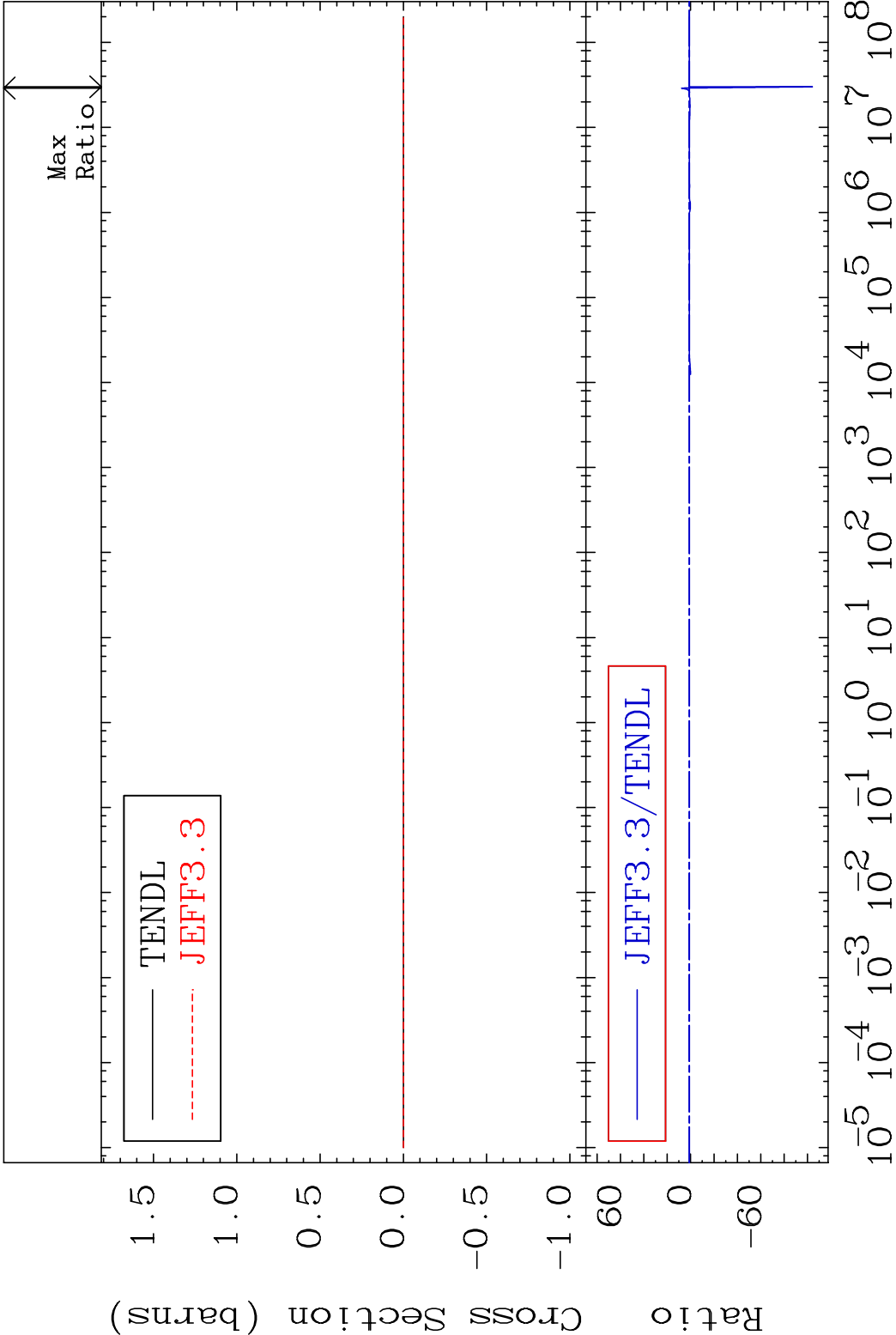


MAT 5634 Kerma non-elastic (all but mt2) 56-Ba-133
 Cross Section -95.67 To 5128. %

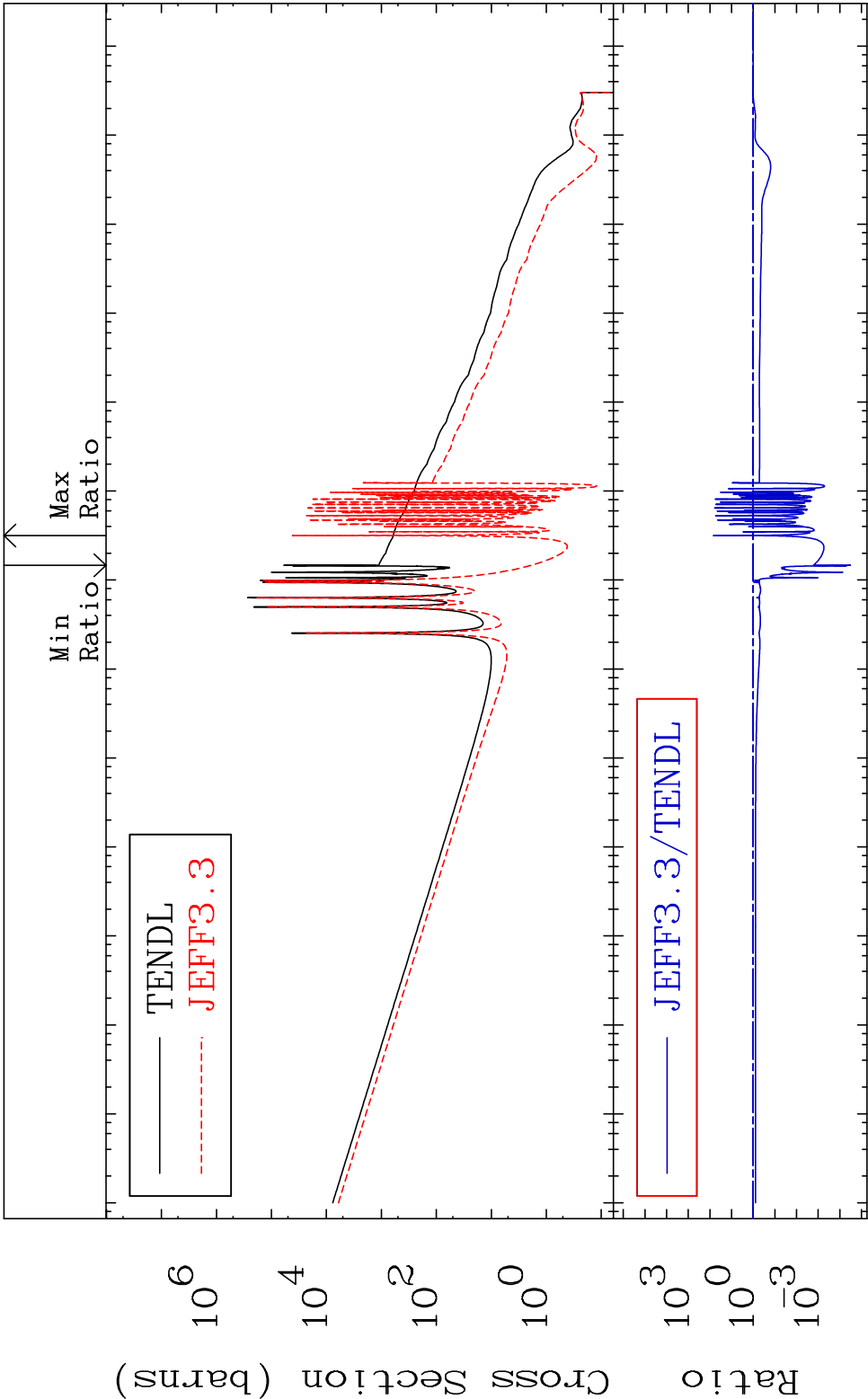




MAT 5634 Kerma fission (mt18 or mt19-20-21-38) 56-Ba-133
Cross Section -9999. To 675.4 %

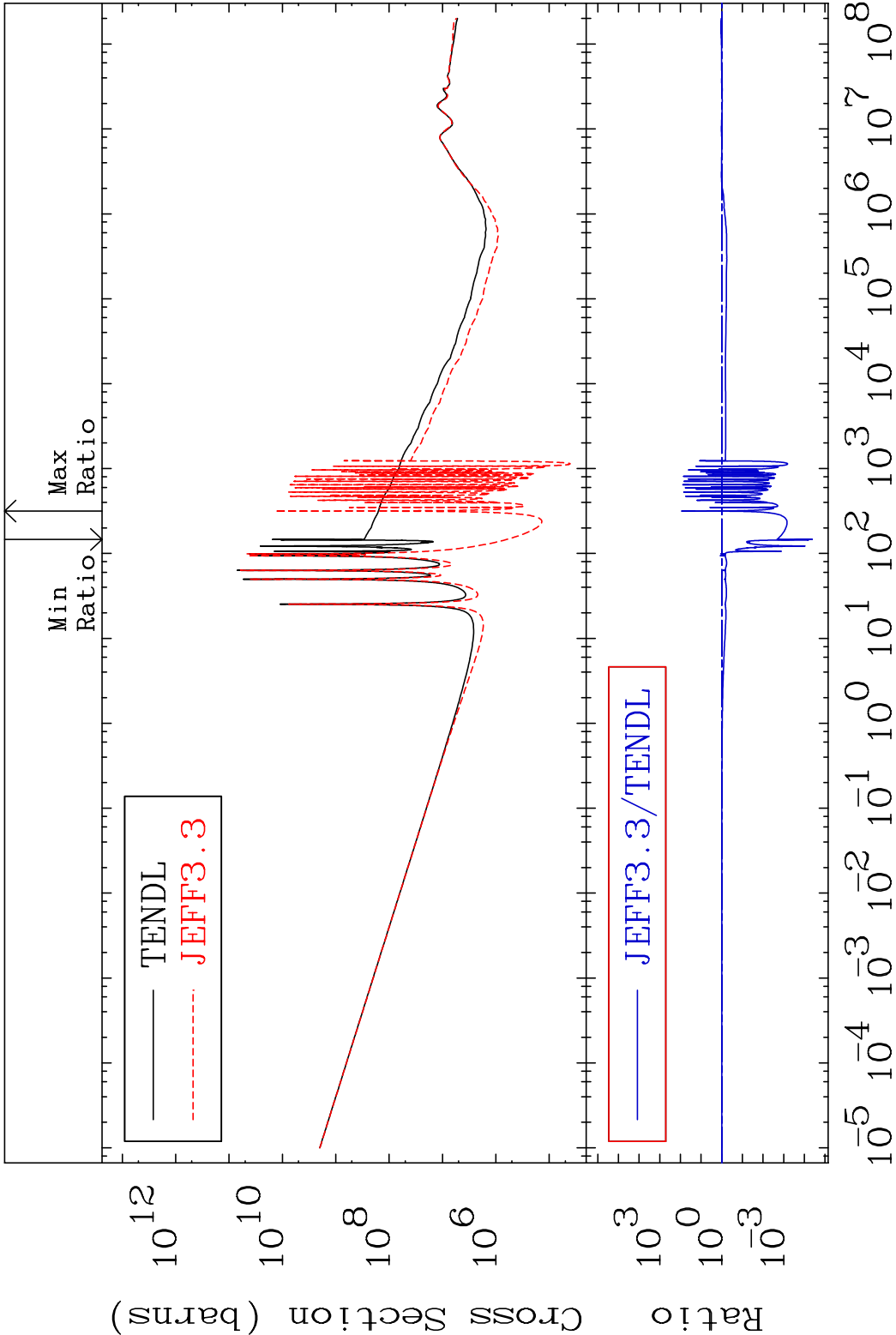


MAT 5634 Kerma capture (mt102) 56-Ba-133
Cross Section -100.0 To 6707. %



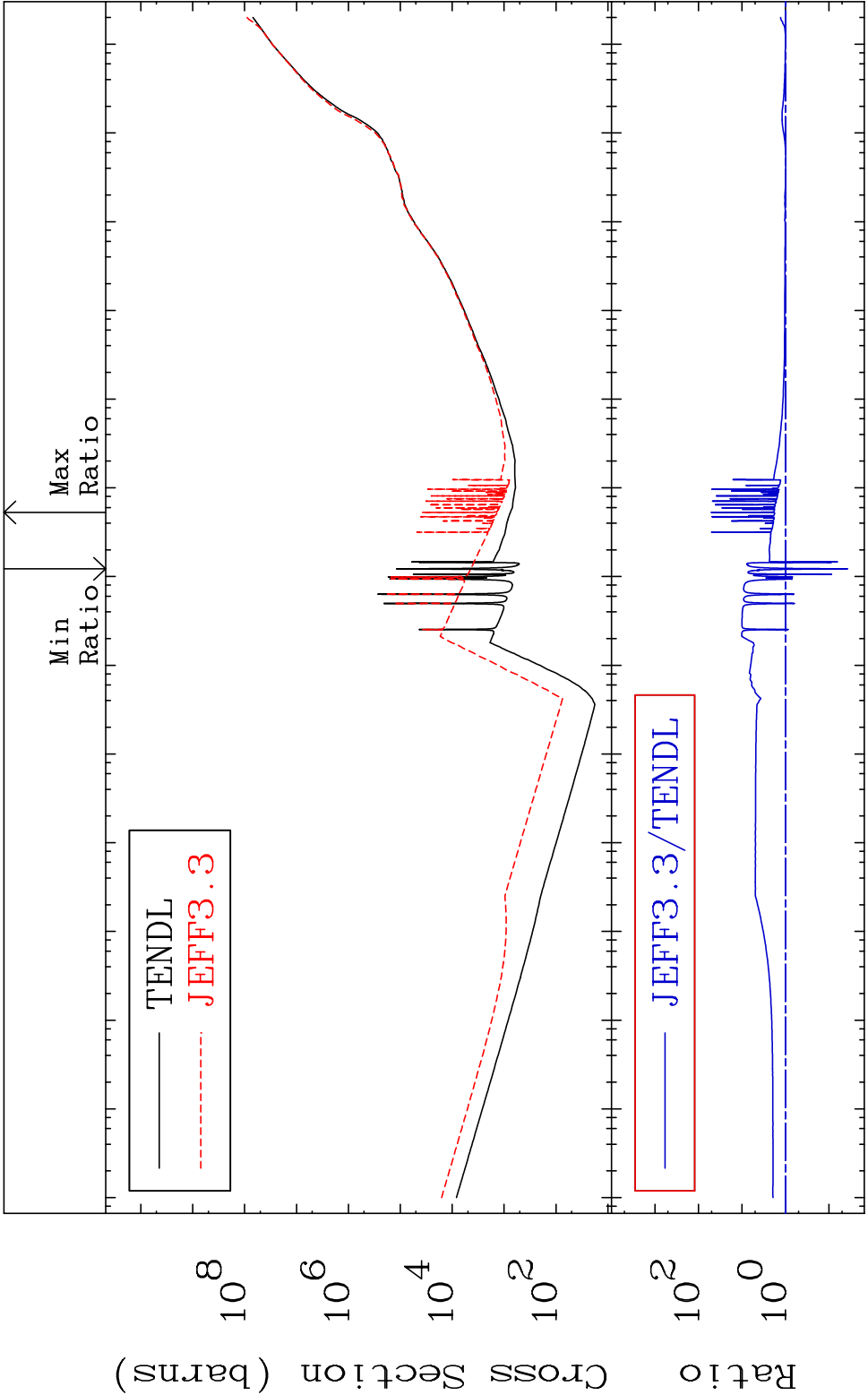
60 Incident Energy (eV) 56-Ba-133

MAT 5634 Total photon (eV-barns) 56-Ba-133
Cross Section -100.0 To 8539. %



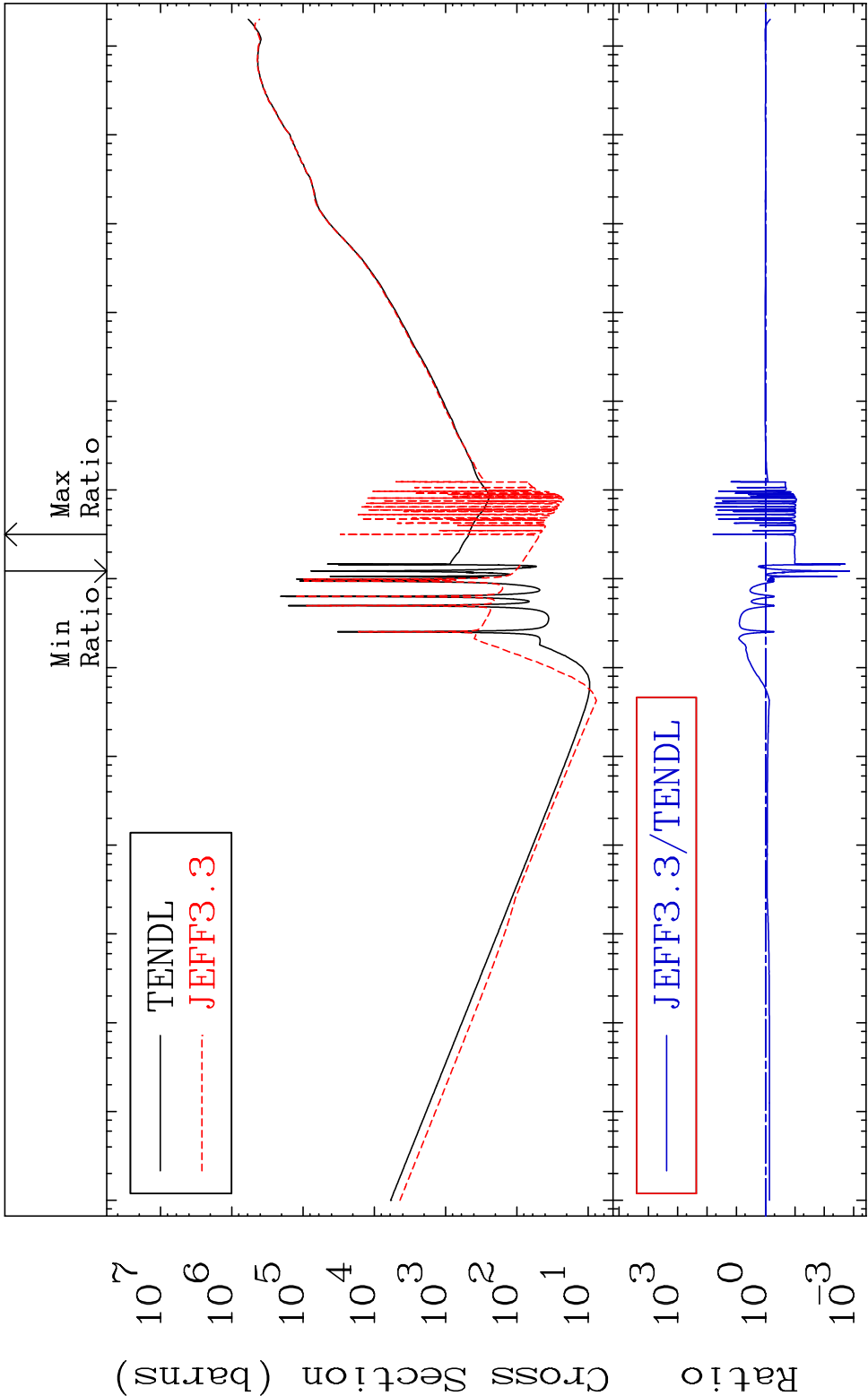
61 Incident Energy (eV) 56-Ba-133

MAT 5634 Total kinematic kerma (high limit) 56-Ba-133
Cross Section -96.30 To 4947. %



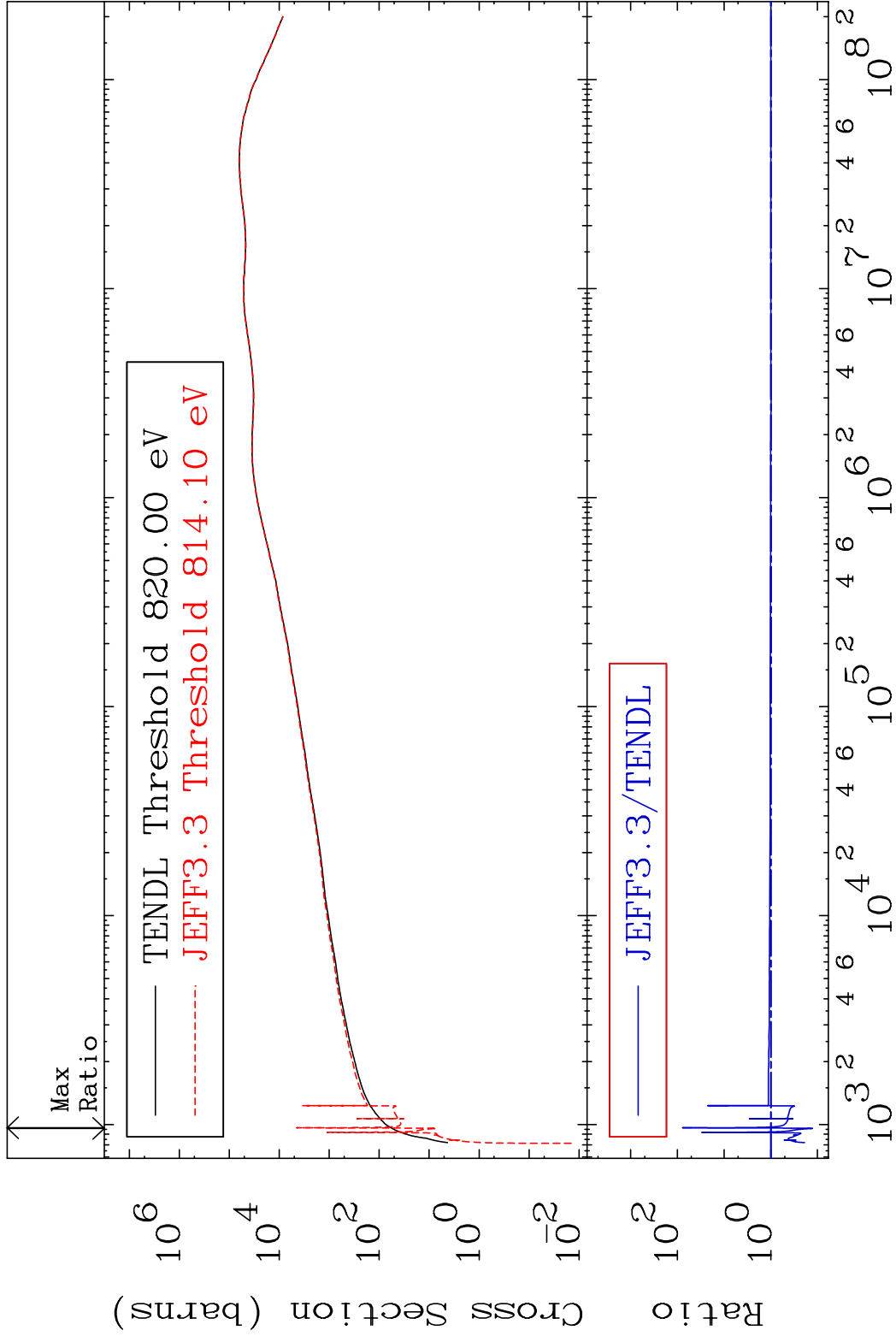
62 Incident Energy (eV) 56-Ba-133

MAT 5634 Dpa total (eV-barns) 56-Ba-133
Cross Section -99.86 To 6169. %

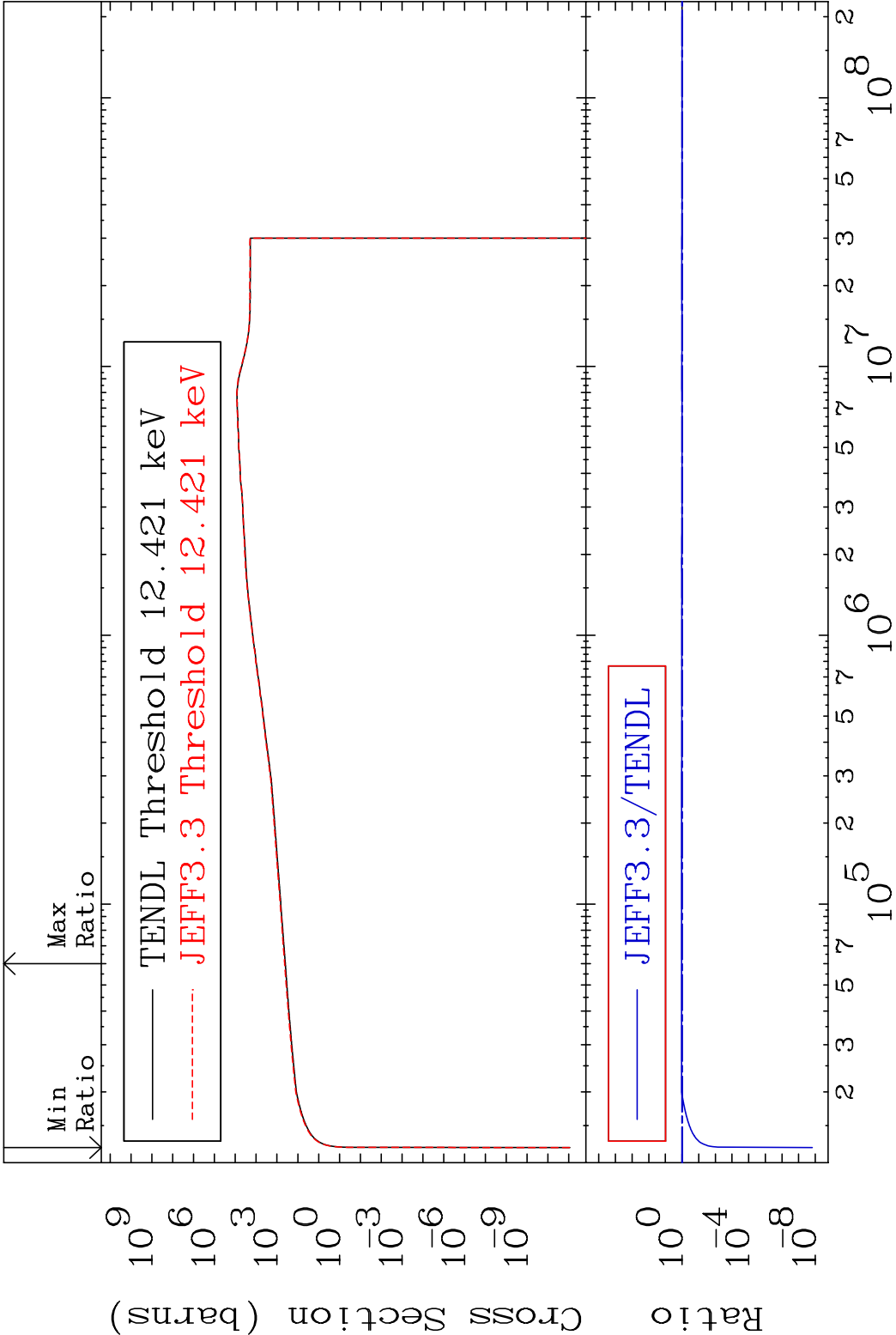


63 Incident Energy (eV) 56-Ba-133

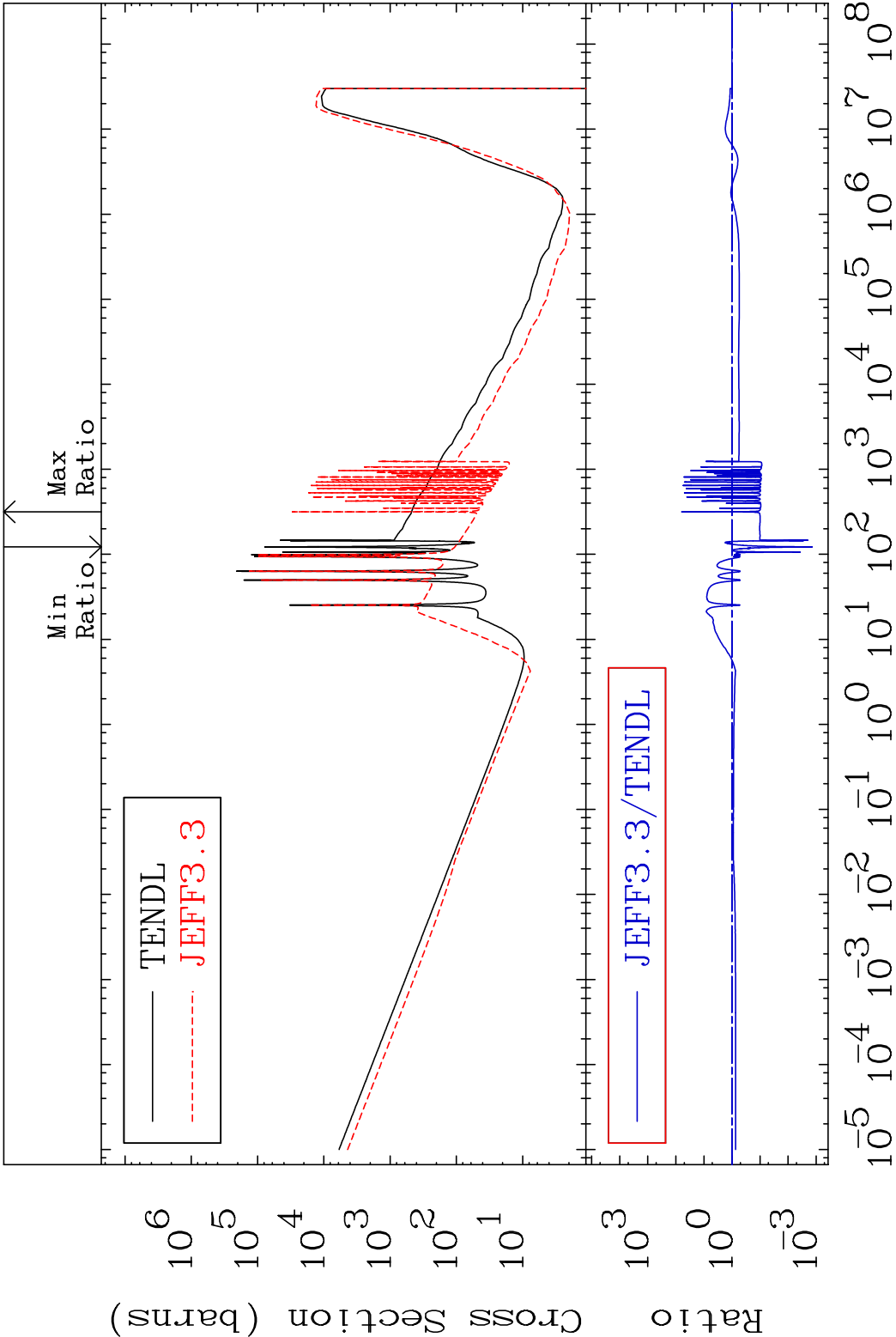
MAT 5634 Dpa elastic (mt2) 56-Ba-133
Cross Section -87.24 To 7704. %



64 Incident Energy (eV) 56-Ba-133



MAT 5634 Dpa disappearance (mt102 -120) 56-Ba-133
Cross Section -99.86 To 6169. %



66 Incident Energy (eV) 56-Ba-133

