

Program Complot
(Version 2021-1)

by

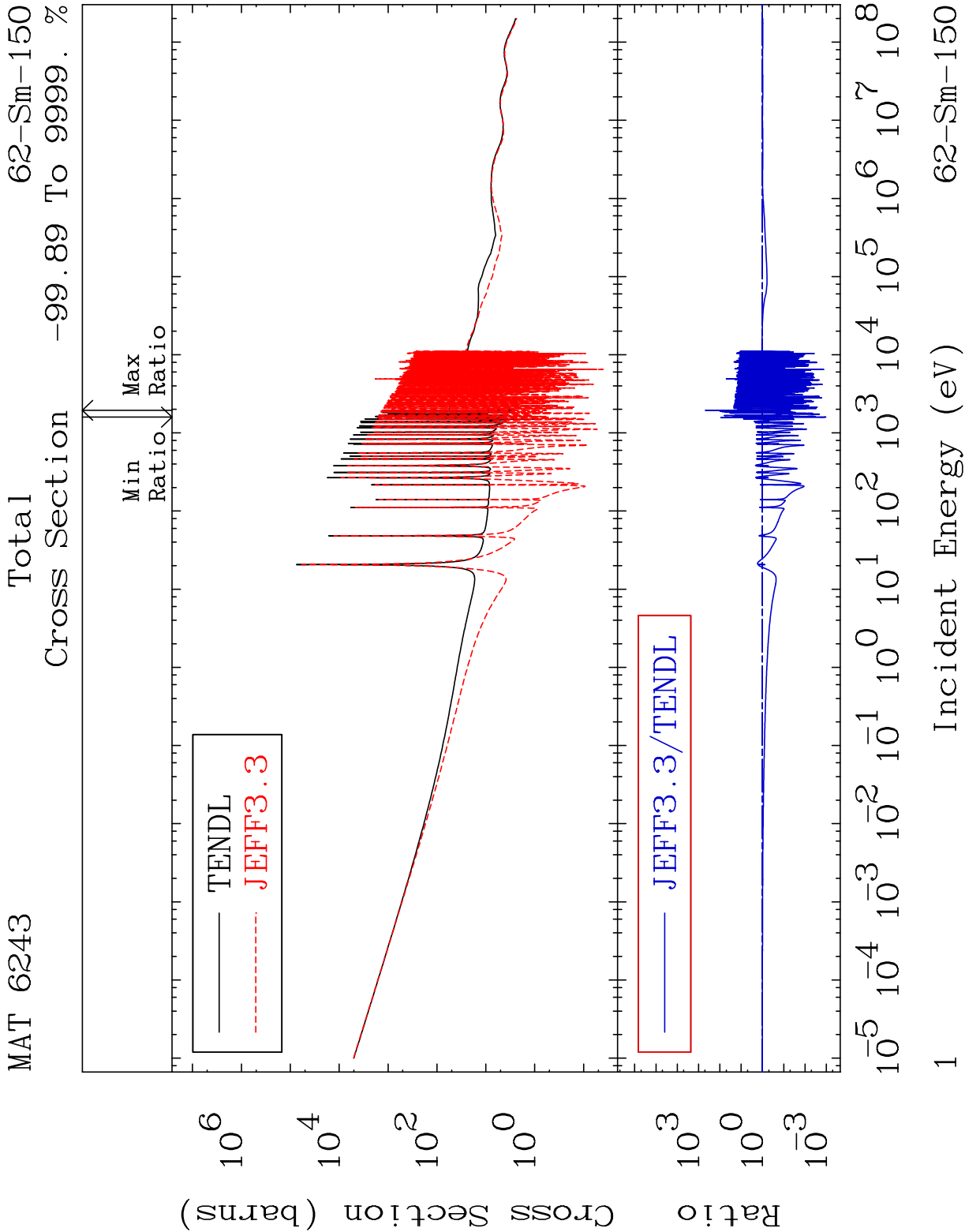
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(Present Contact Information)

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Press Mouse Button to Start

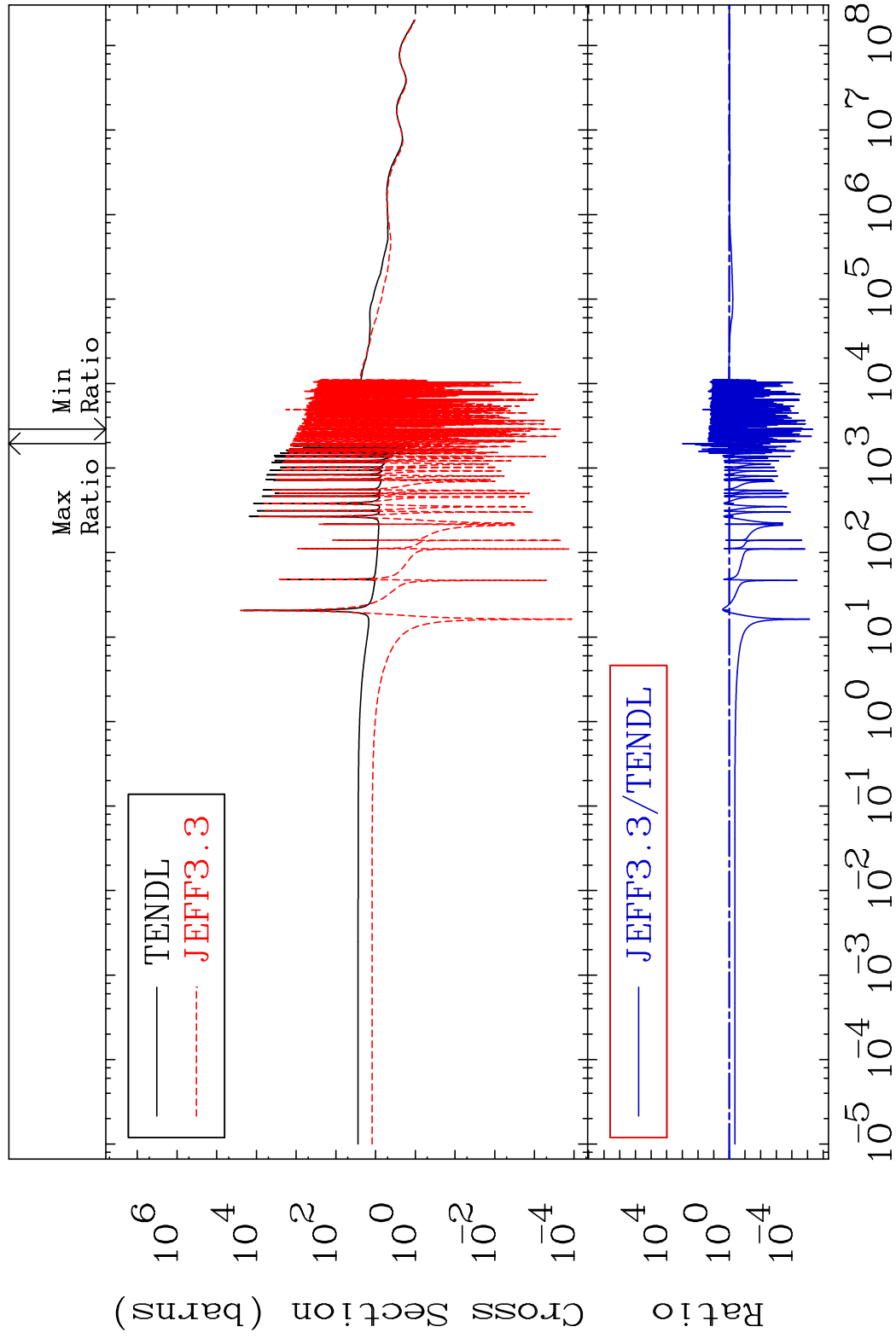


MAT 6243

Elastic

62-Sm-150

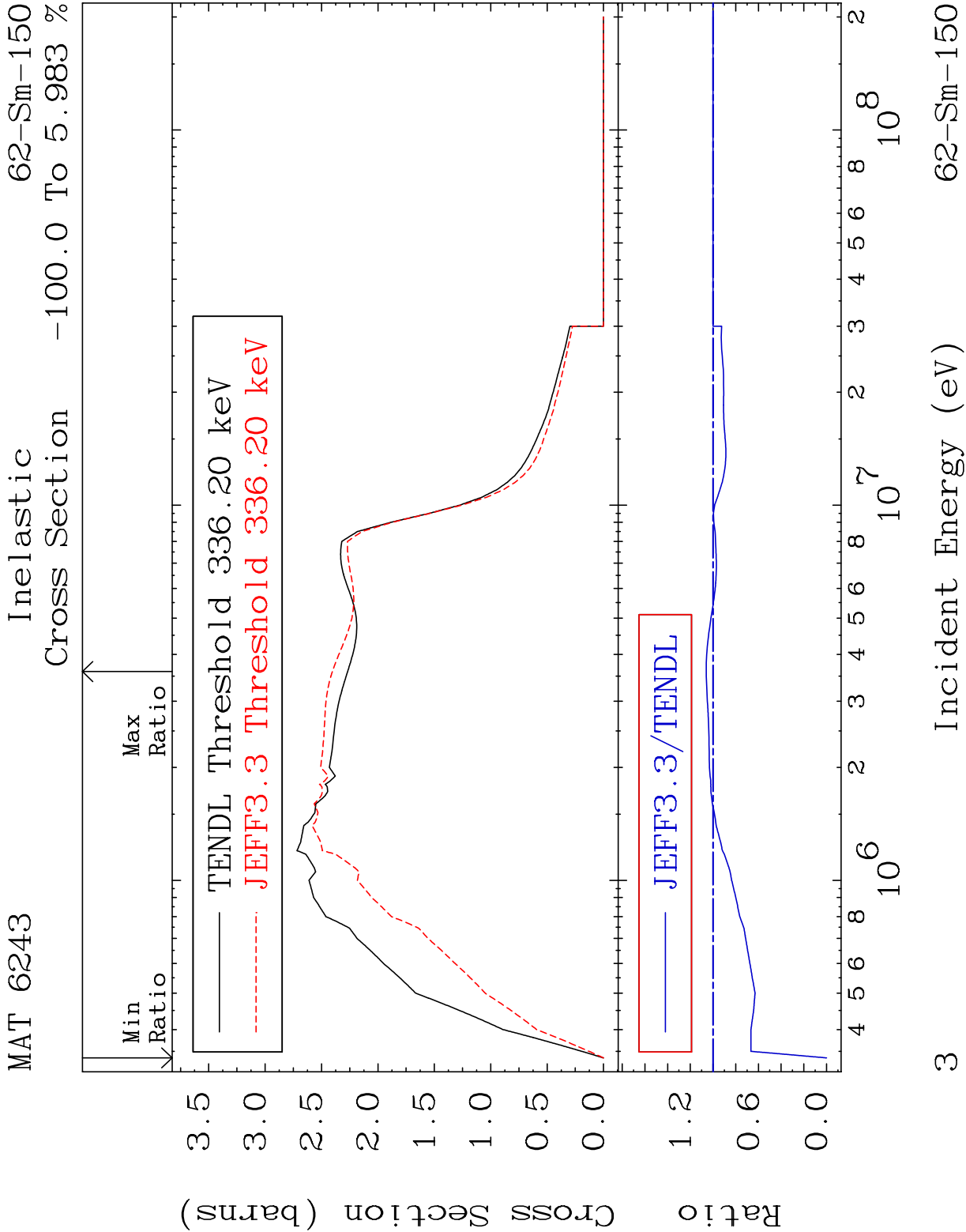
Cross Section -100.0 To 9999. %

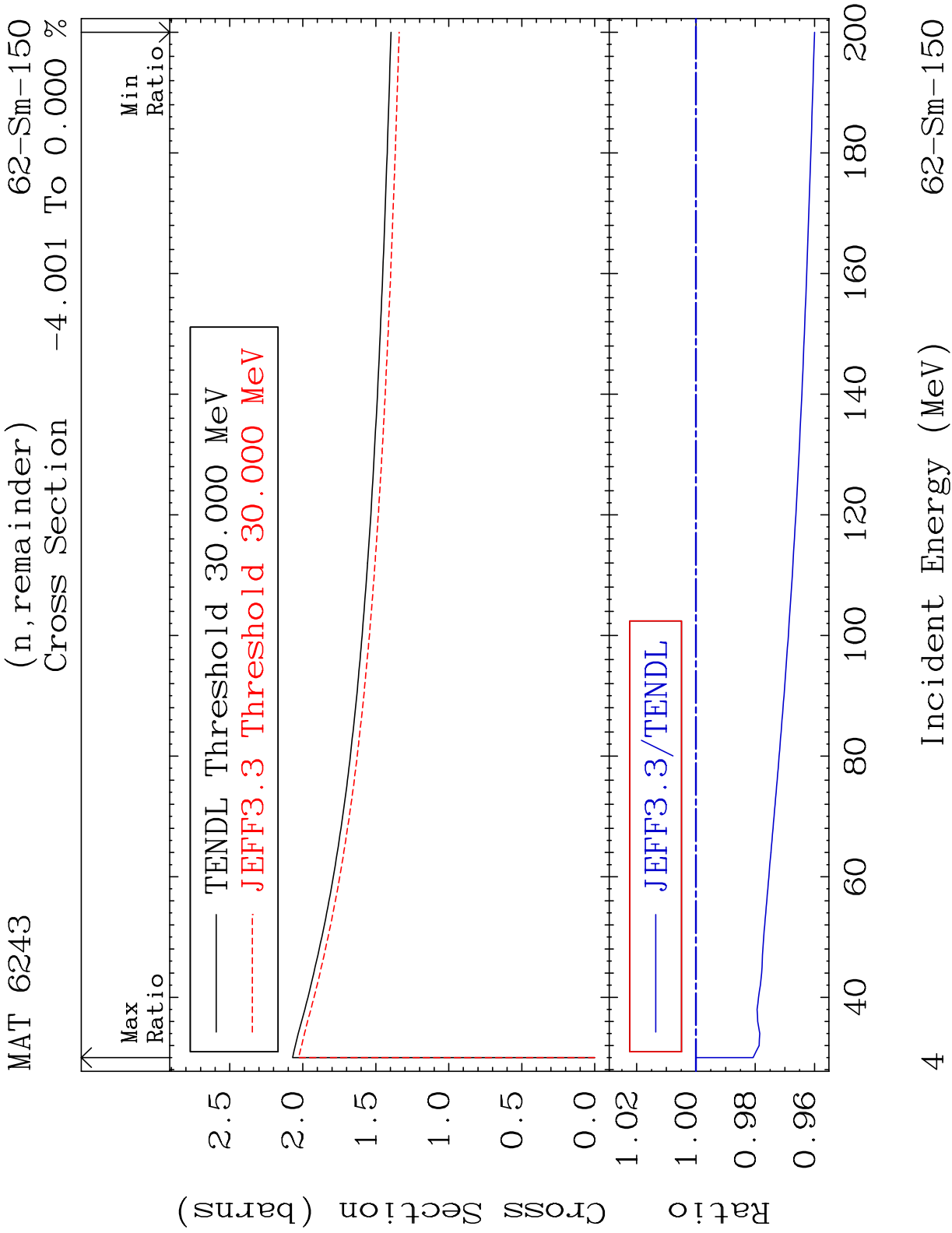


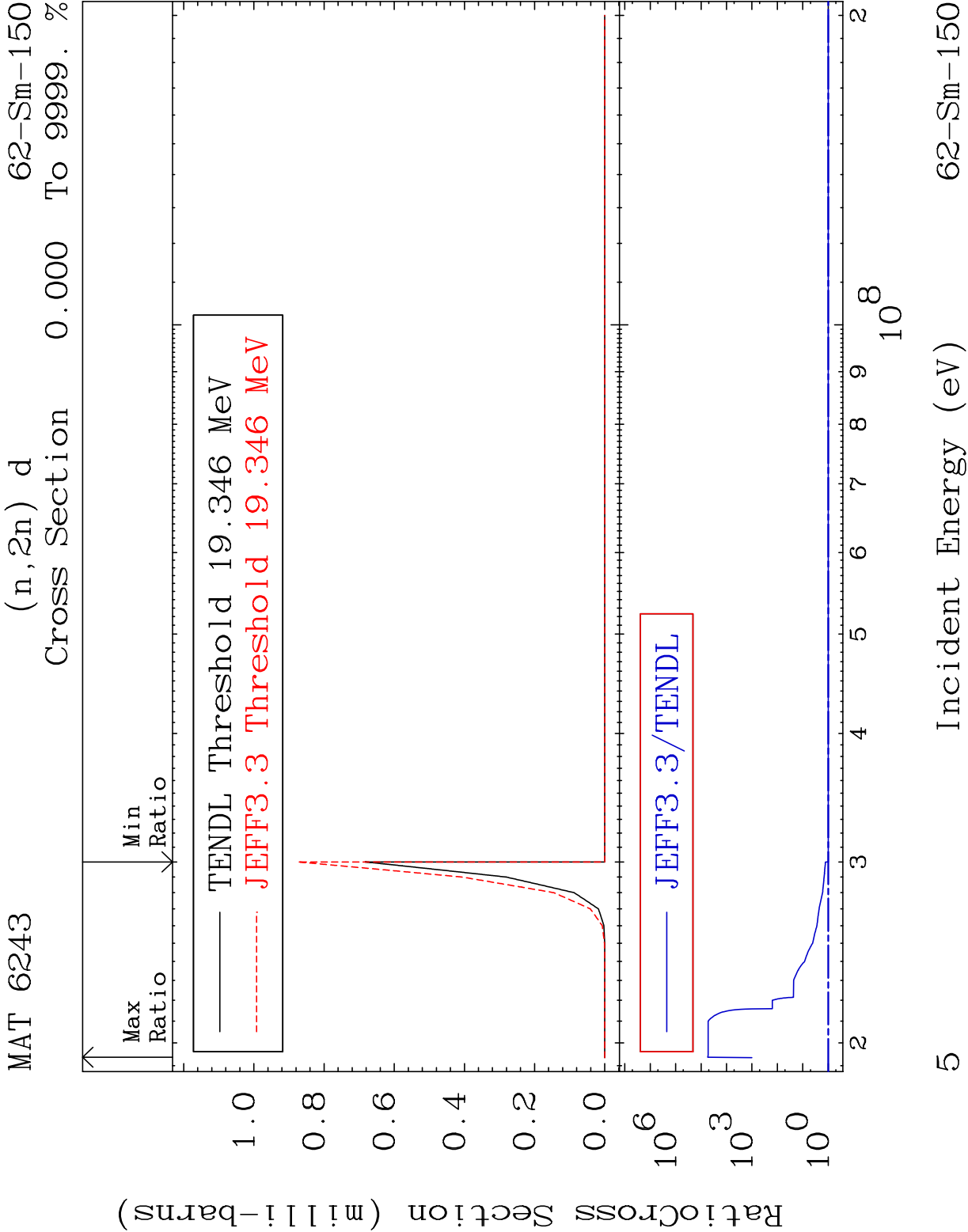
2

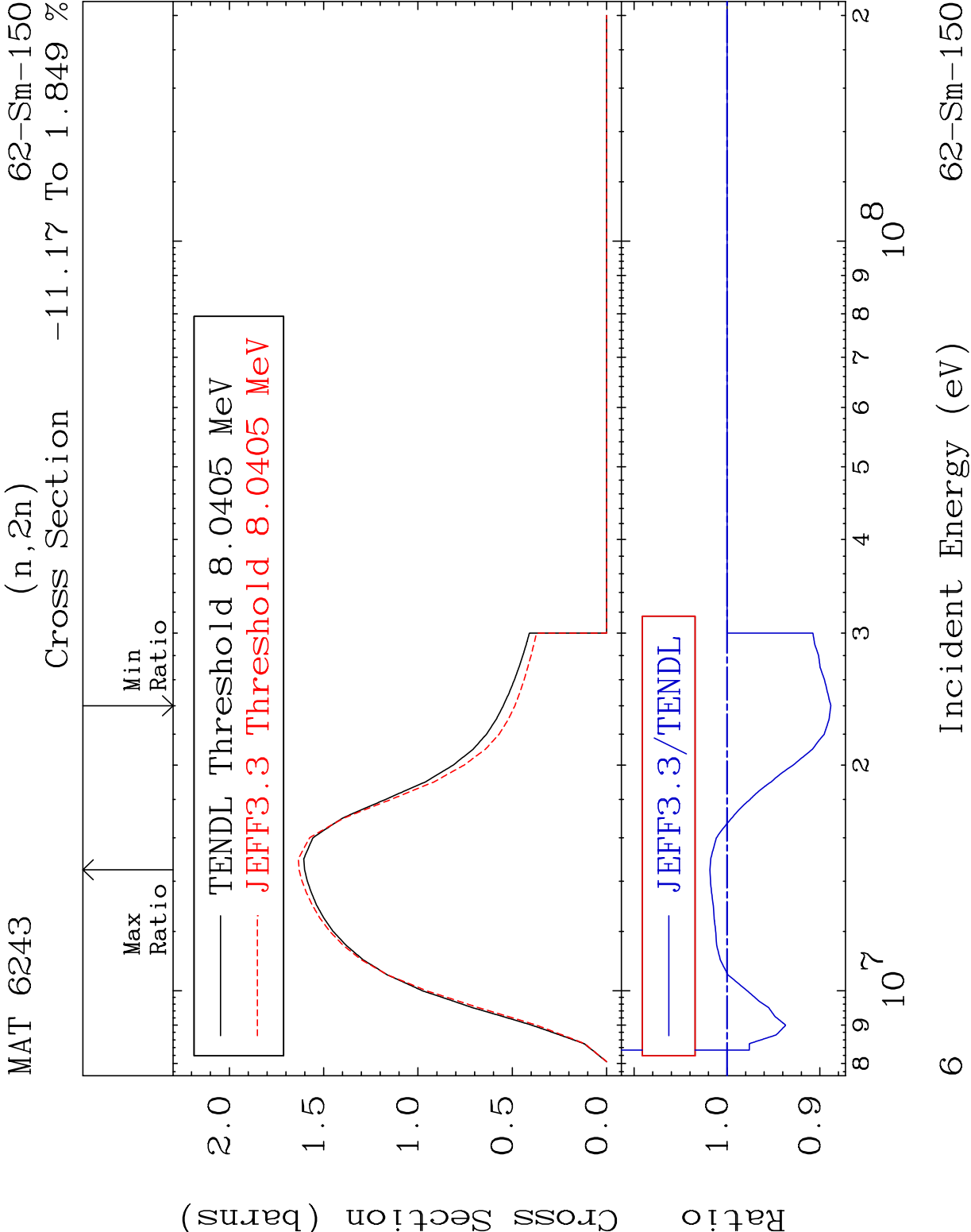
Incident Energy (eV)

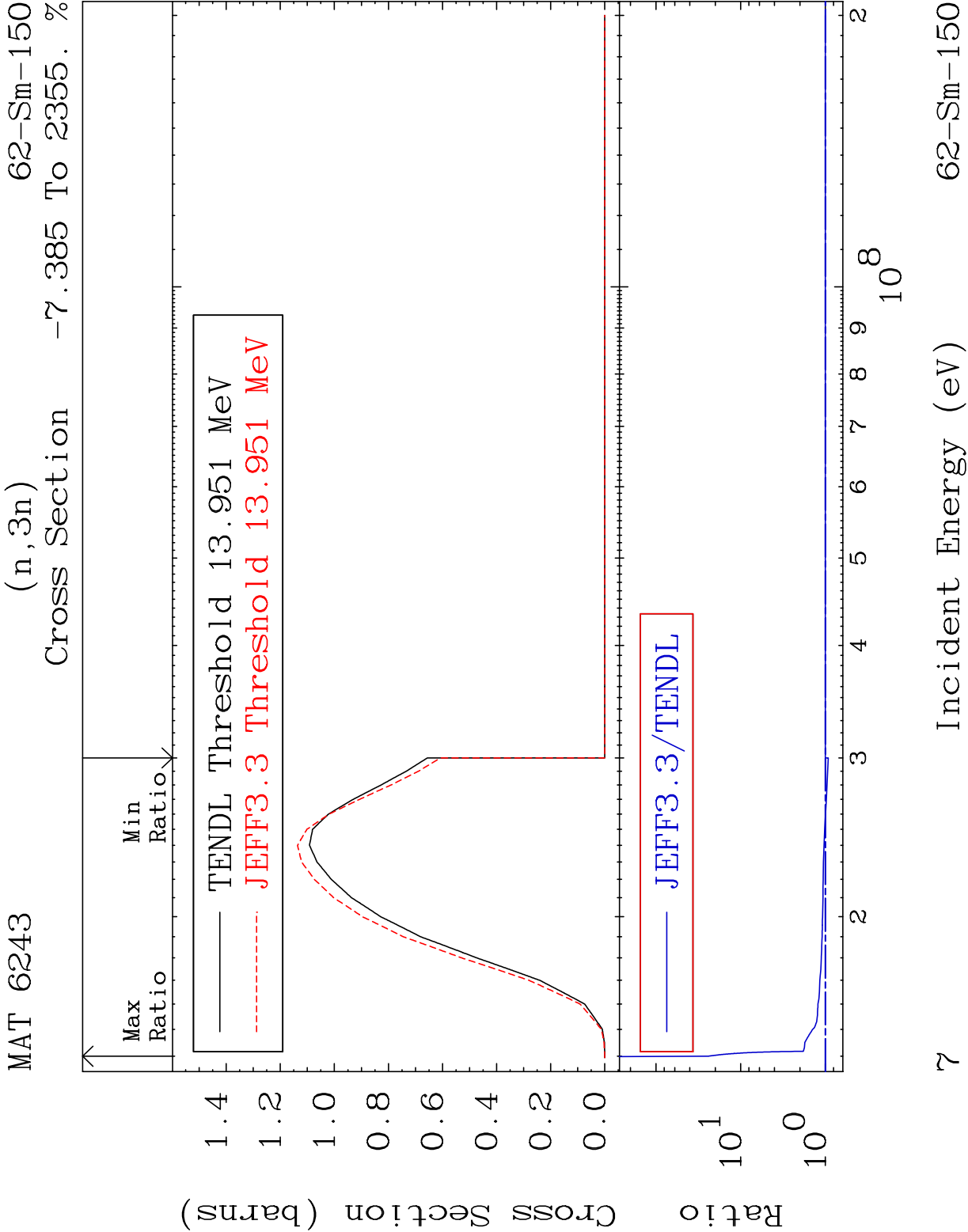
62-Sm-150

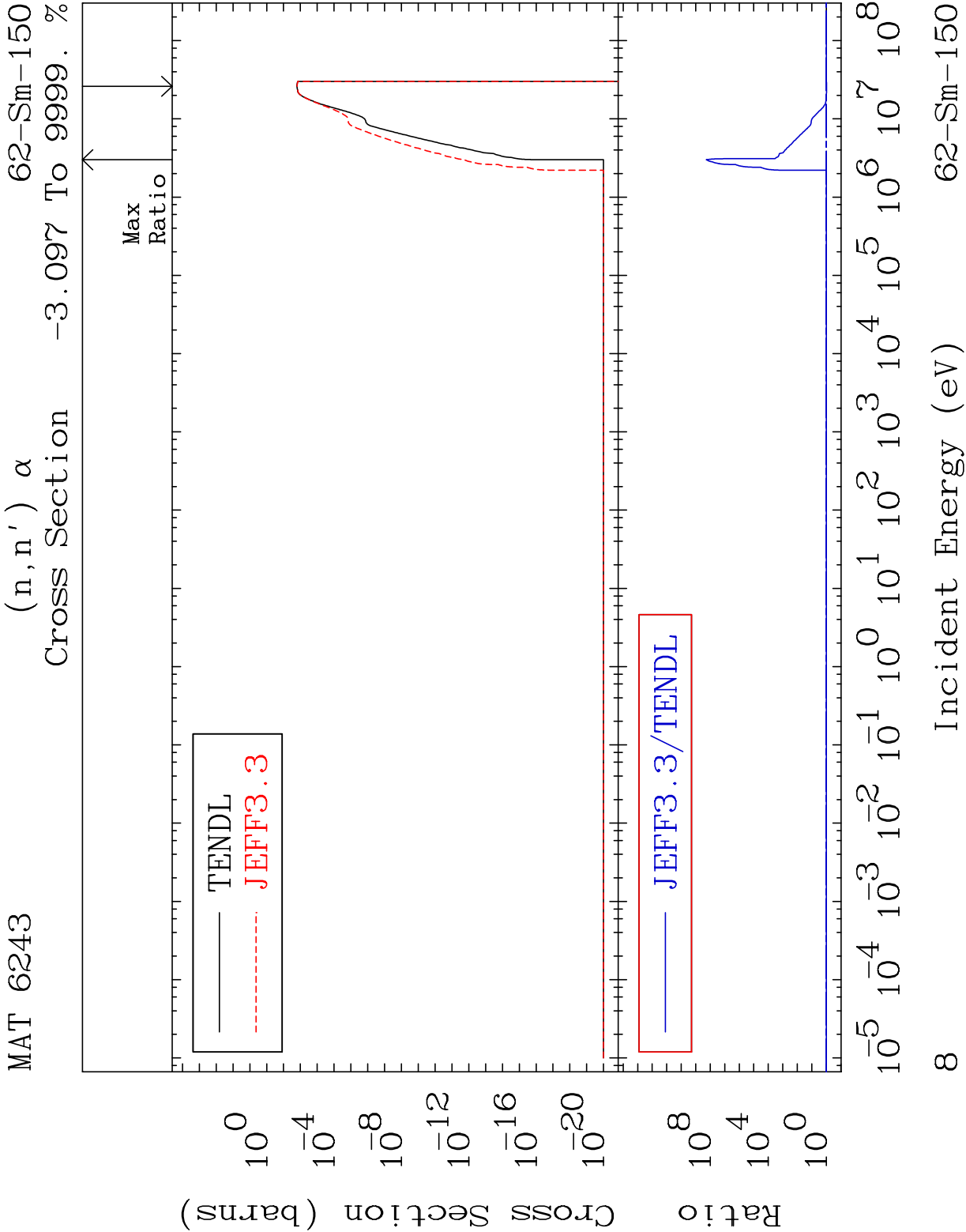


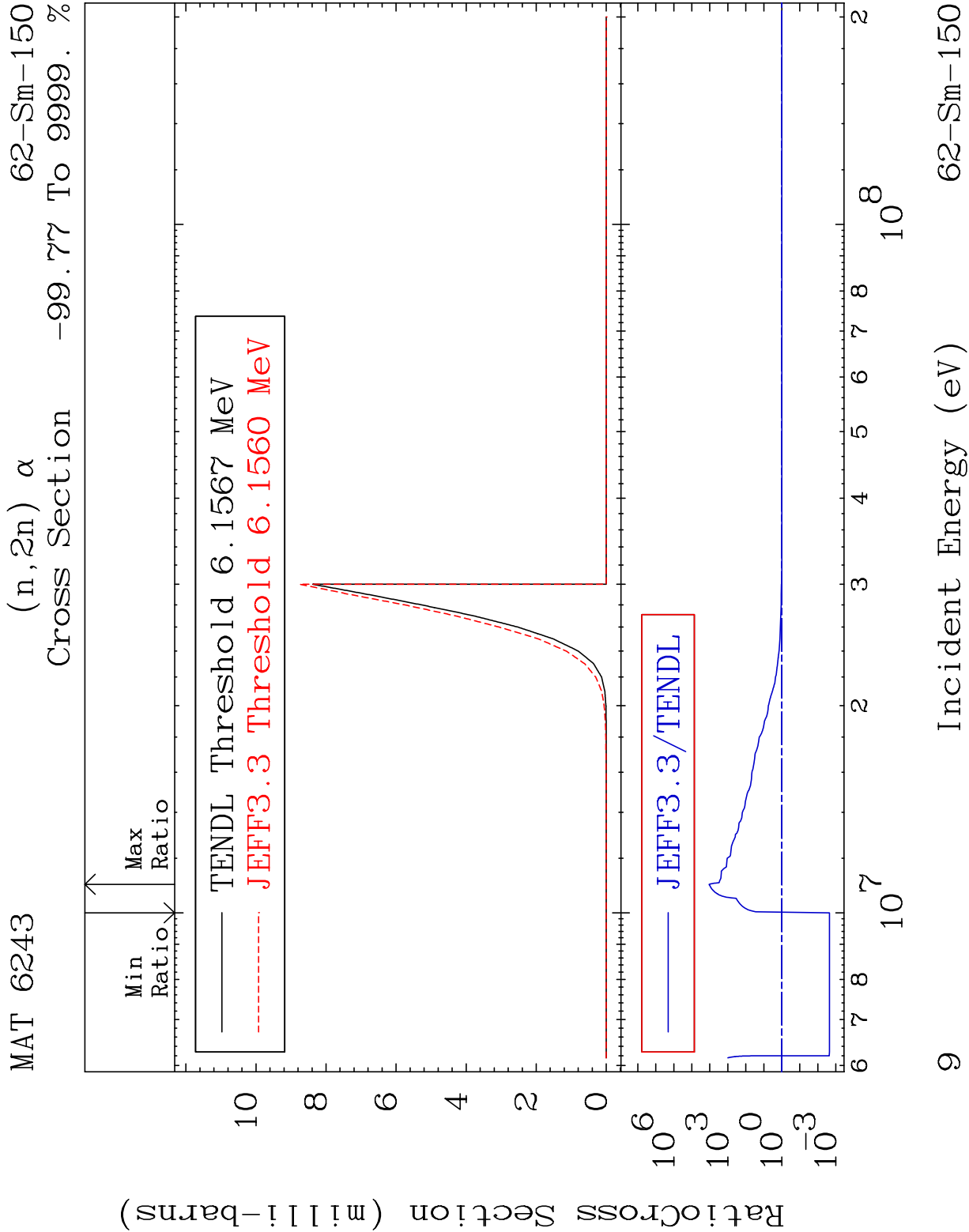










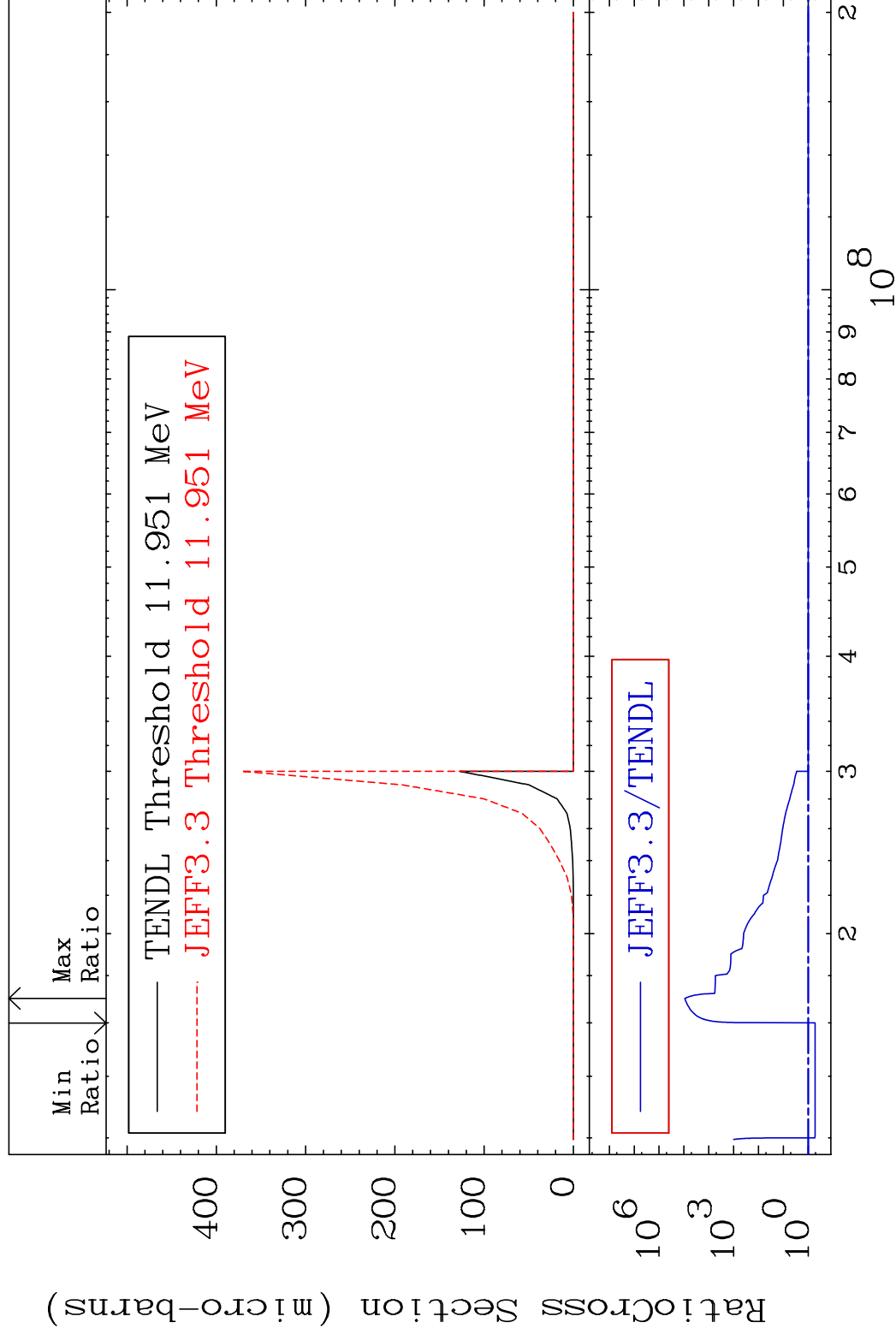


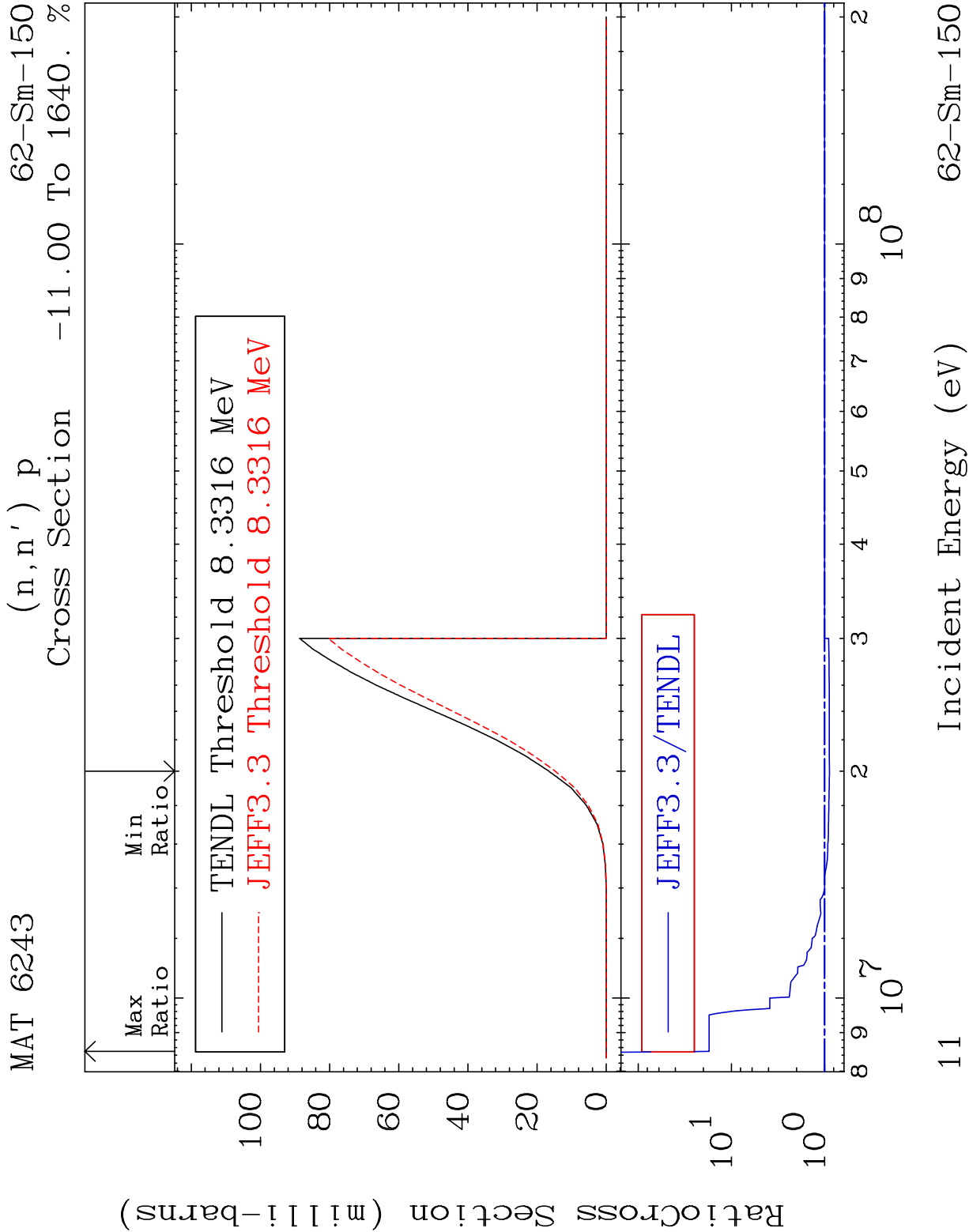
MAT 6243

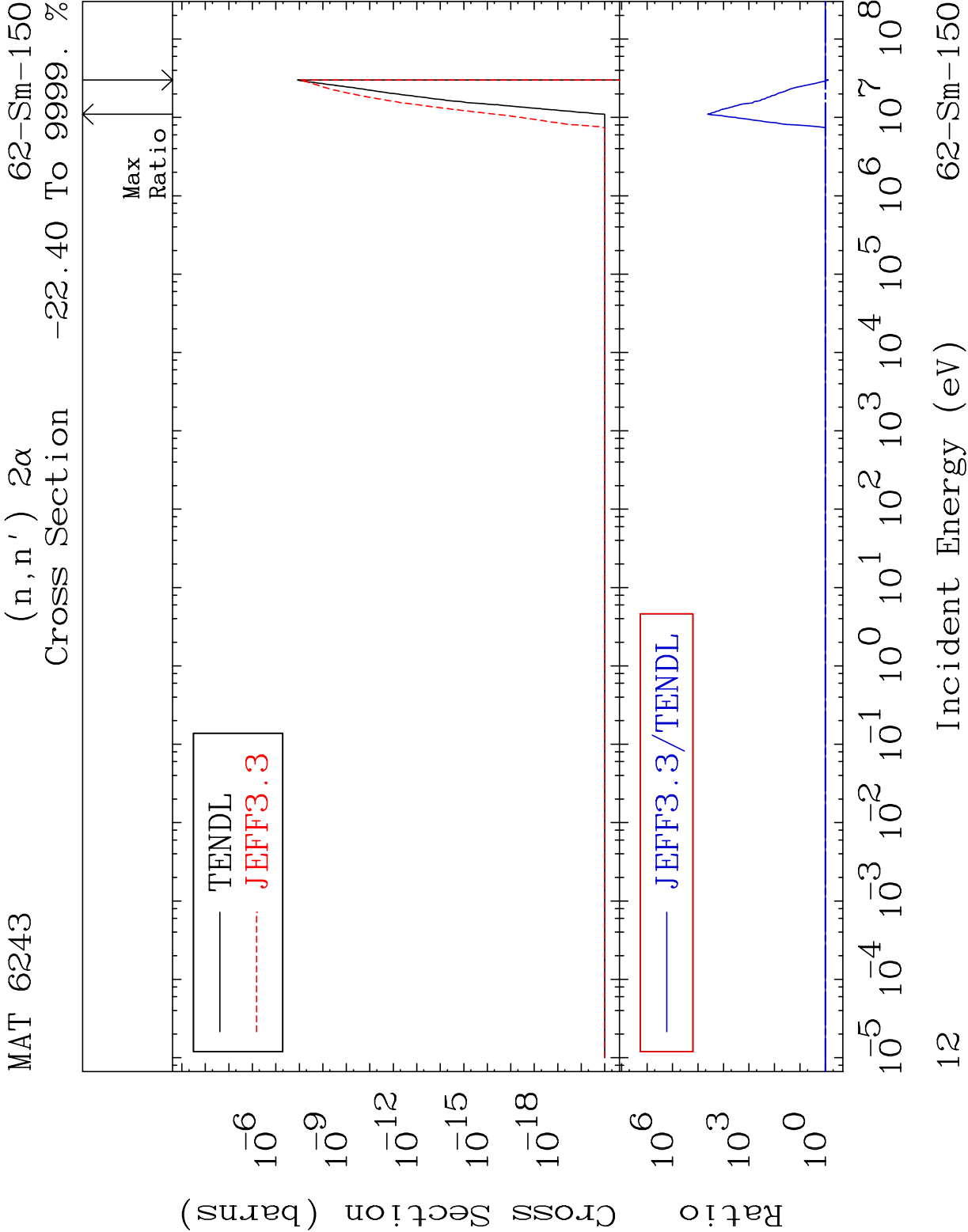
$$(n, 3n) \propto$$

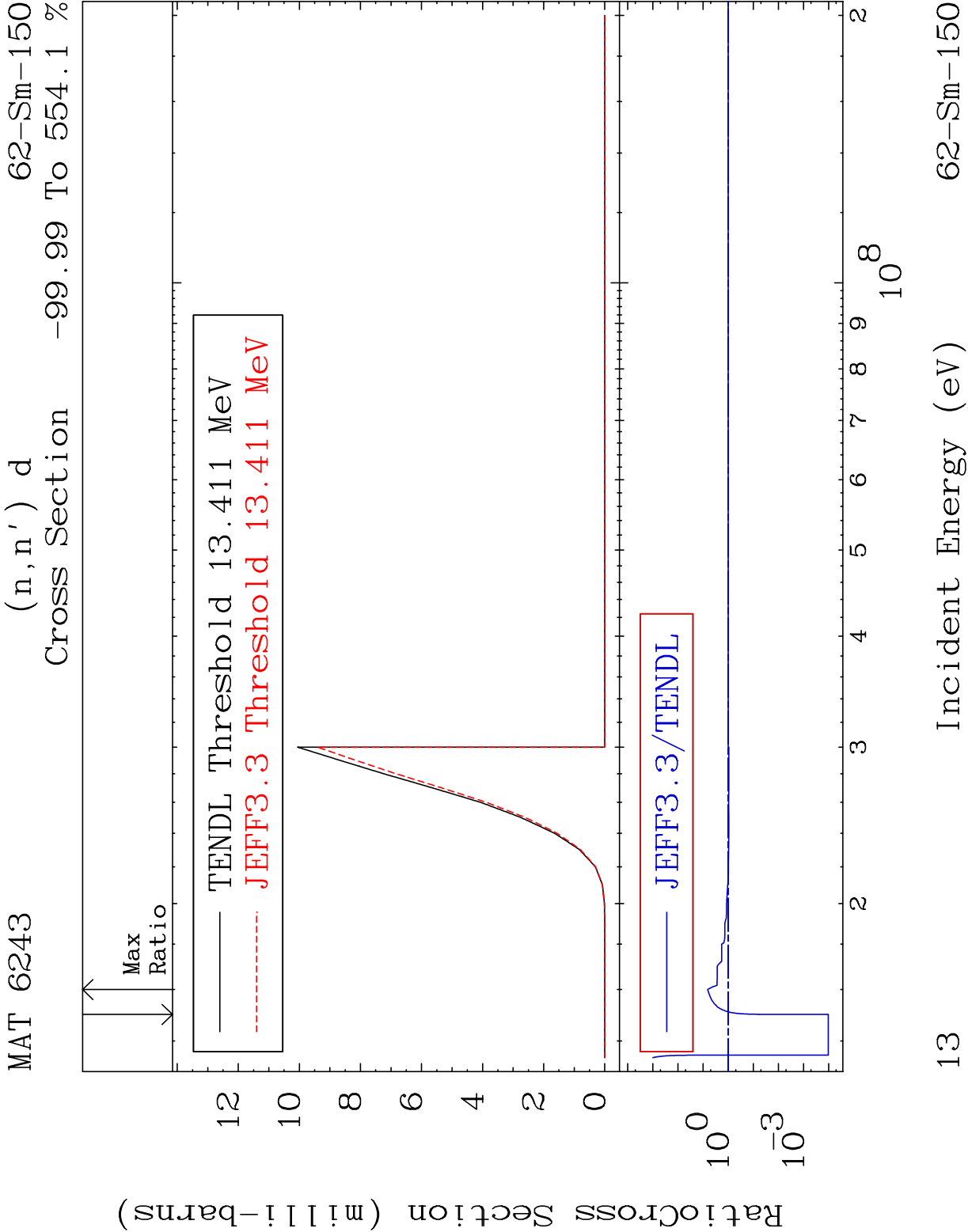
62-Sm-150

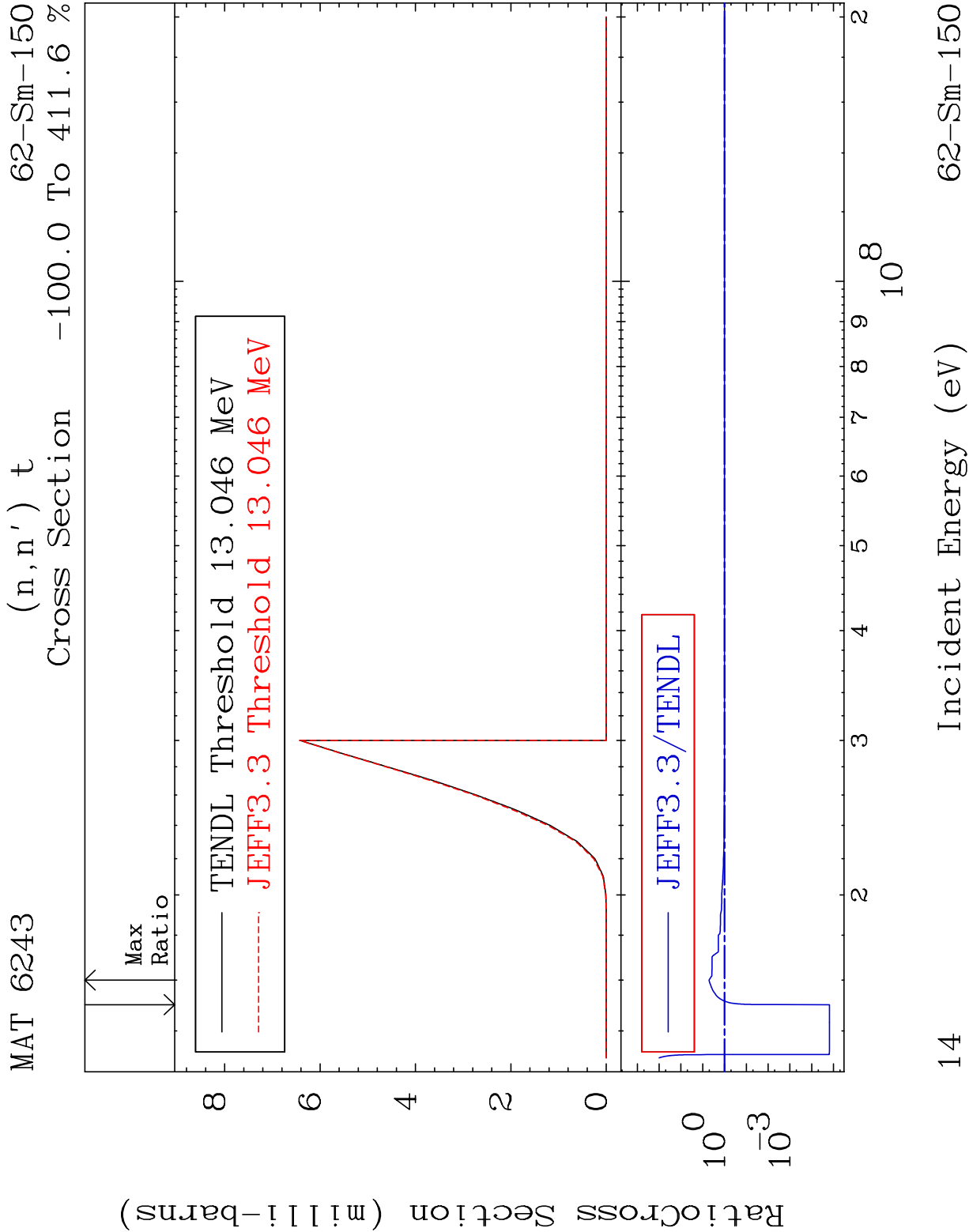
Cross Section -47.20 To 9999. %

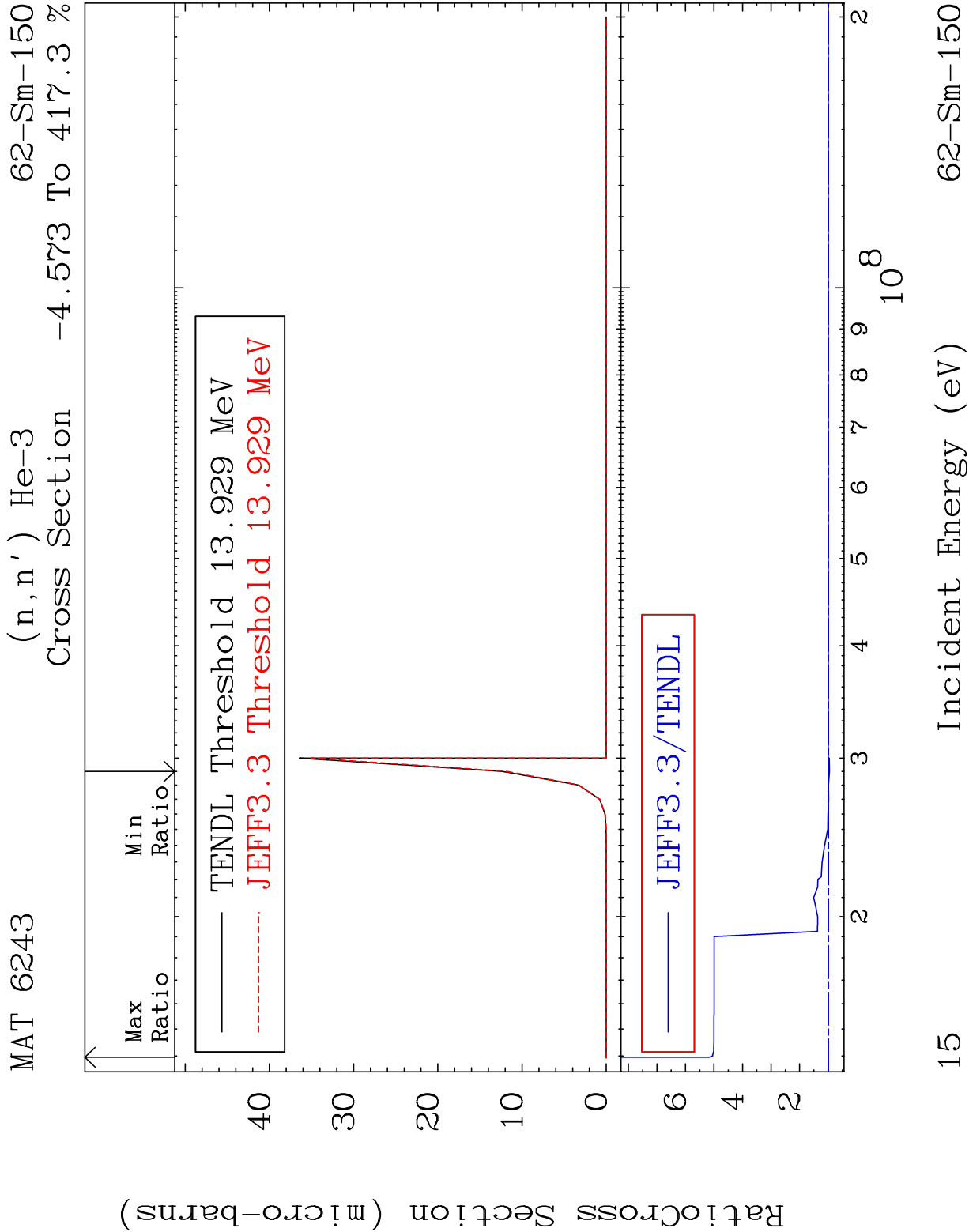


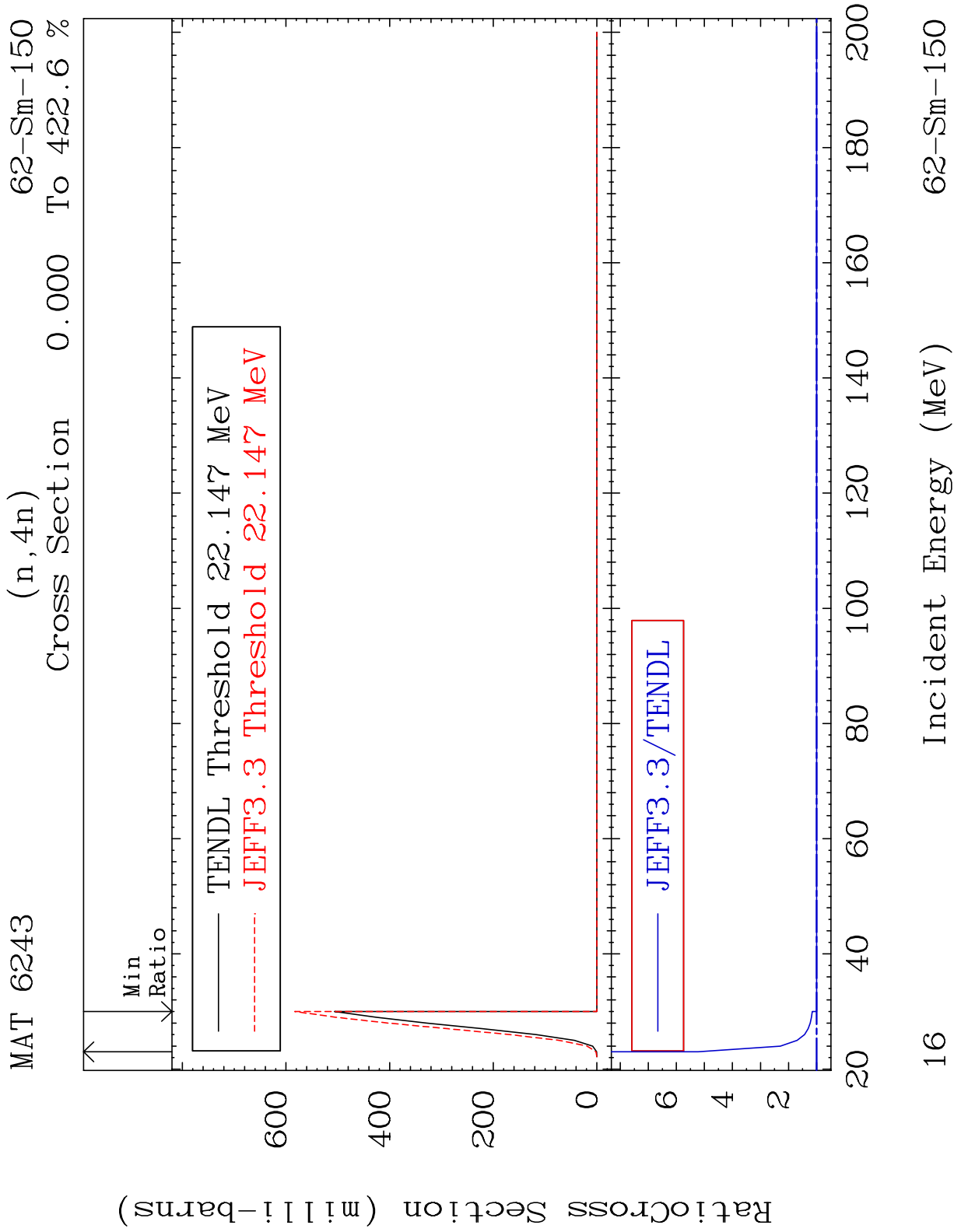


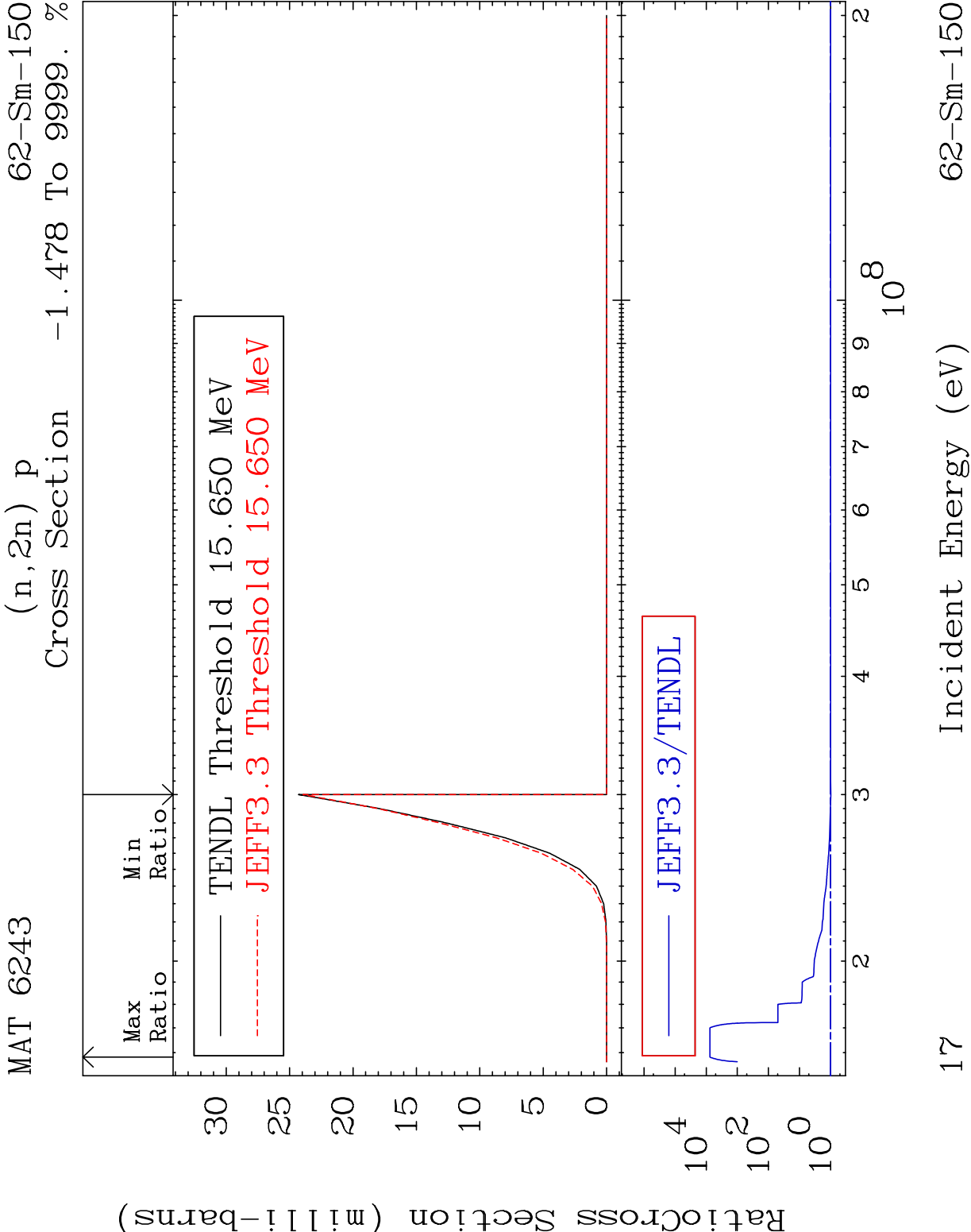


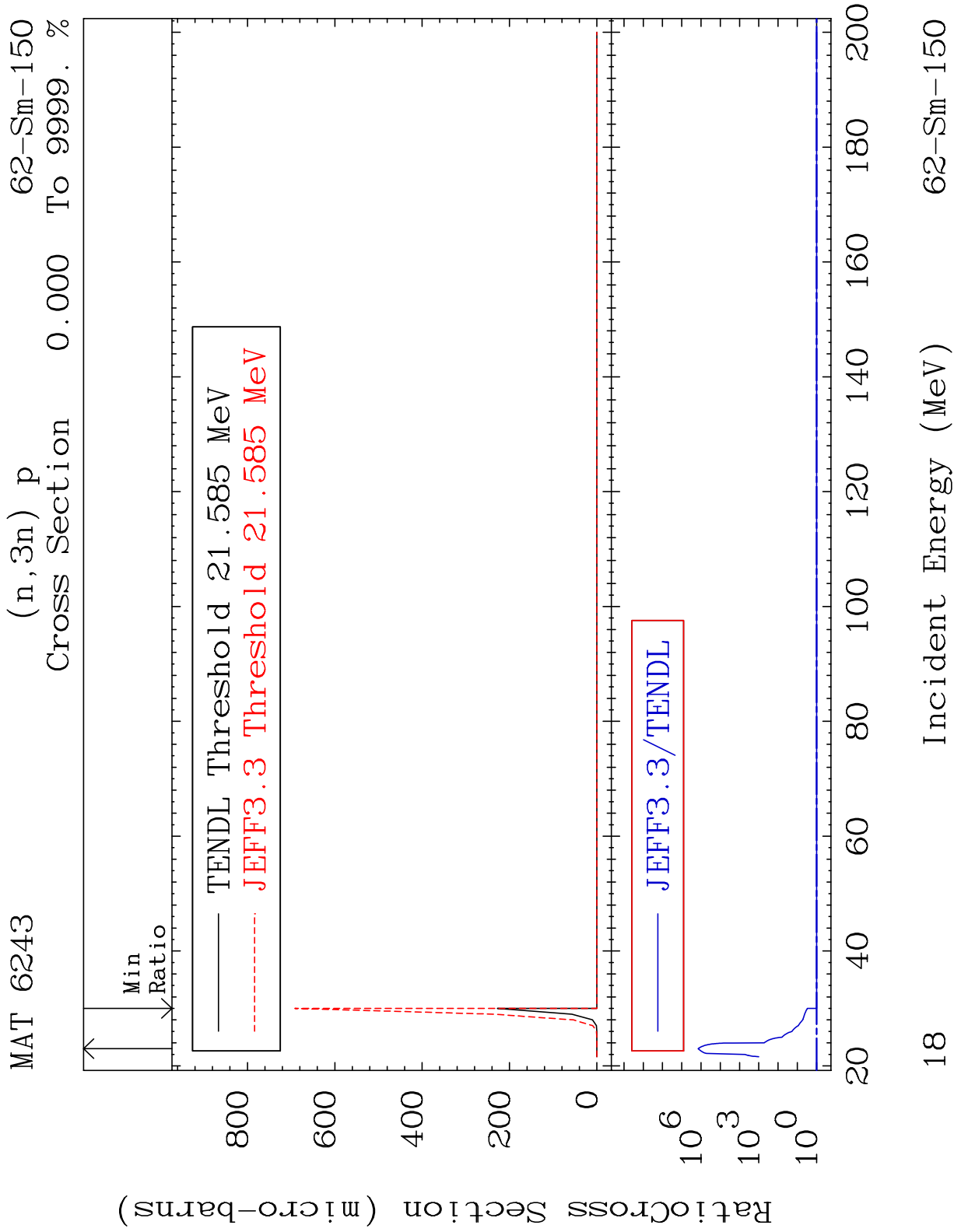


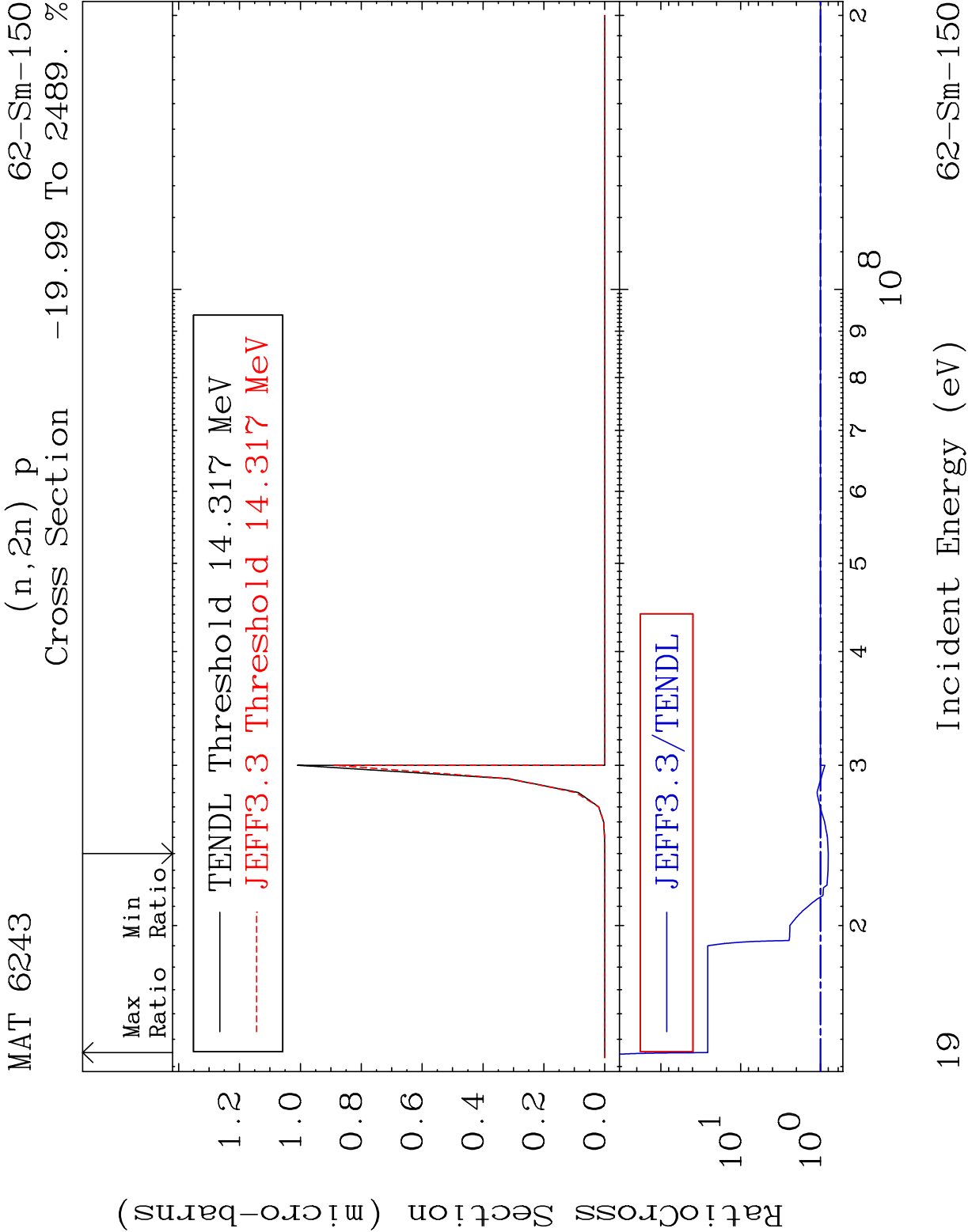










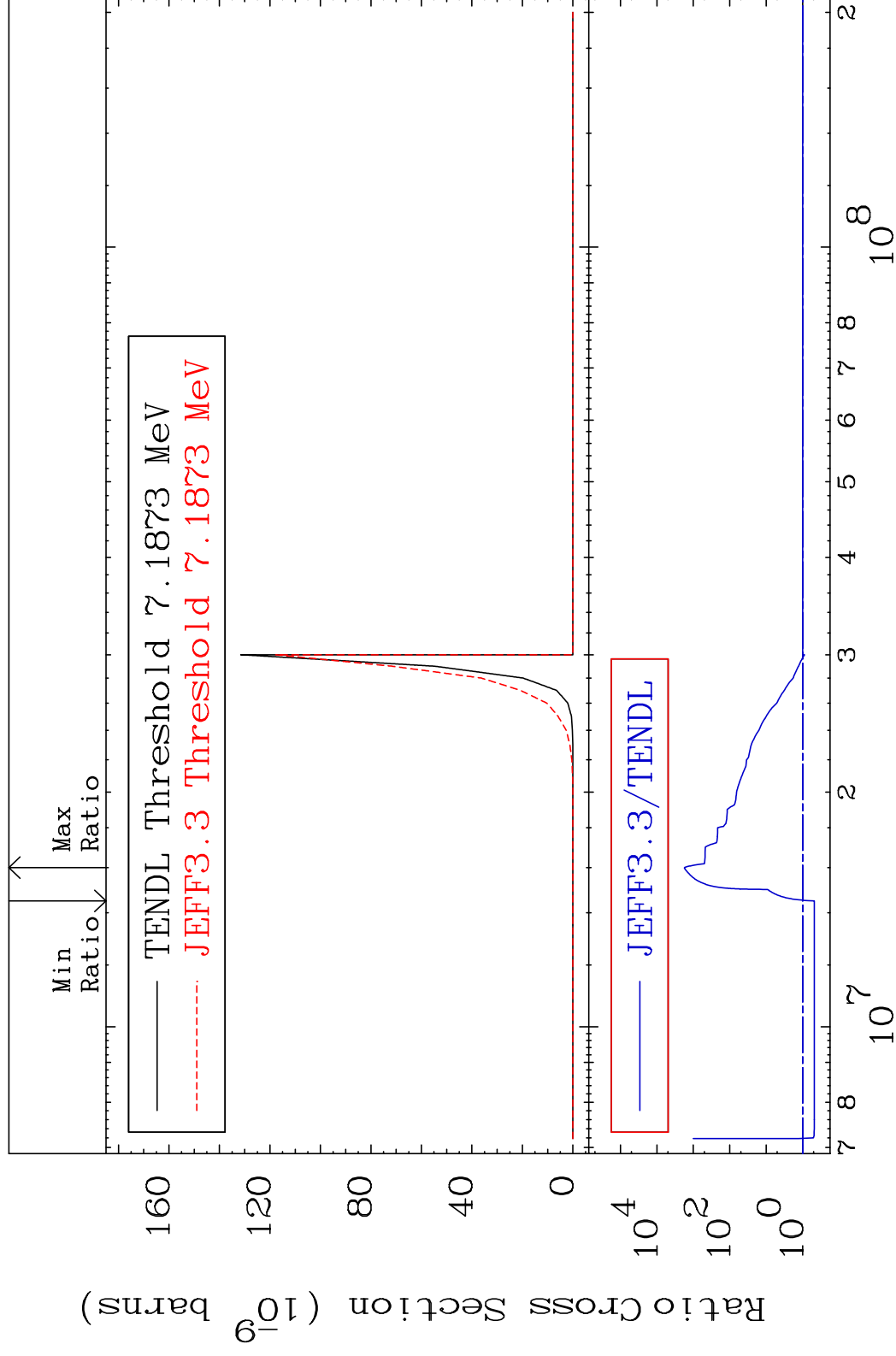


MAT 6243

(n, n') p α 62-Sm-150

62-Sm-150

Cross Section -51.66 To 9999. %

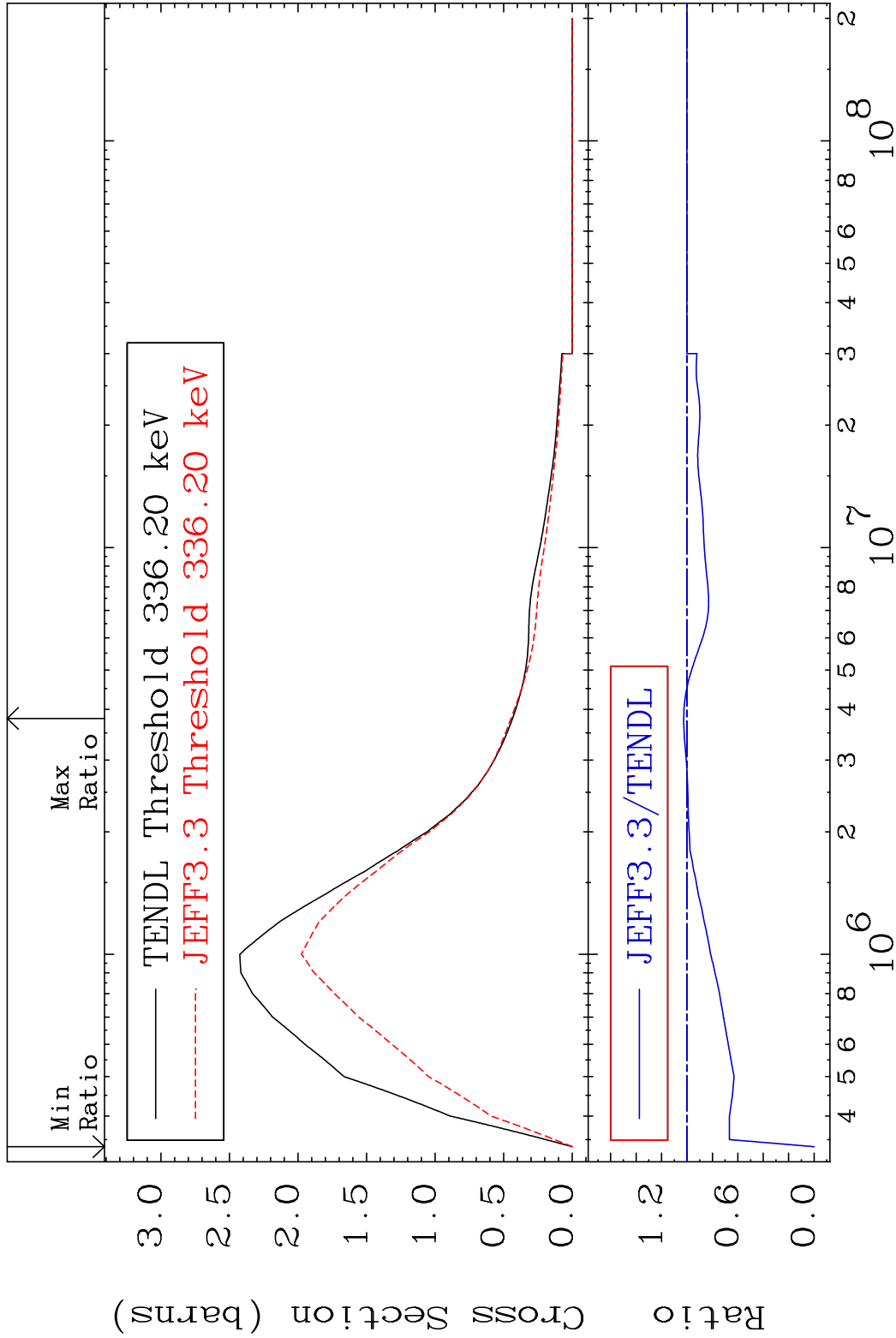


20

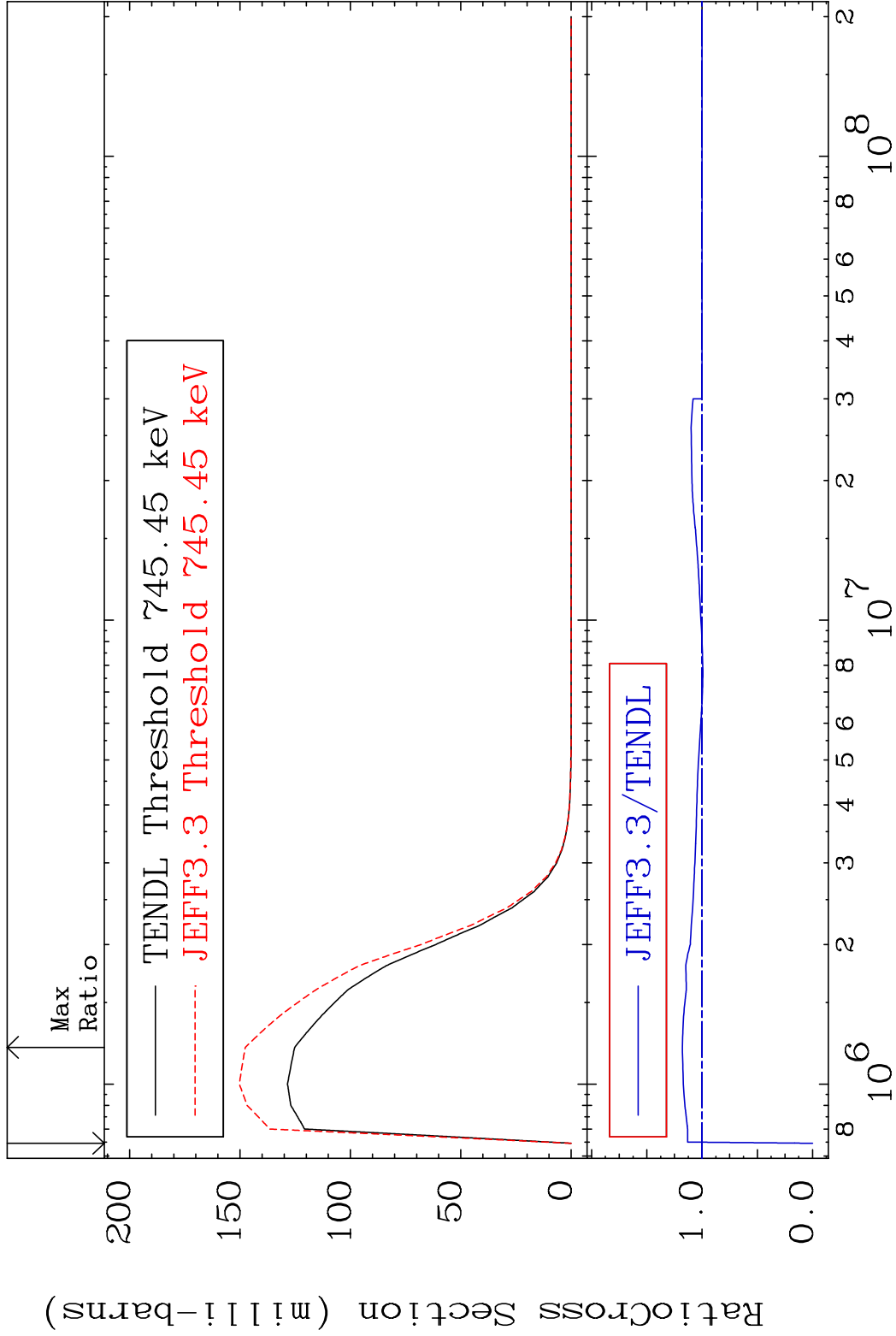
Incident Energy (eV)

62-Sm-150

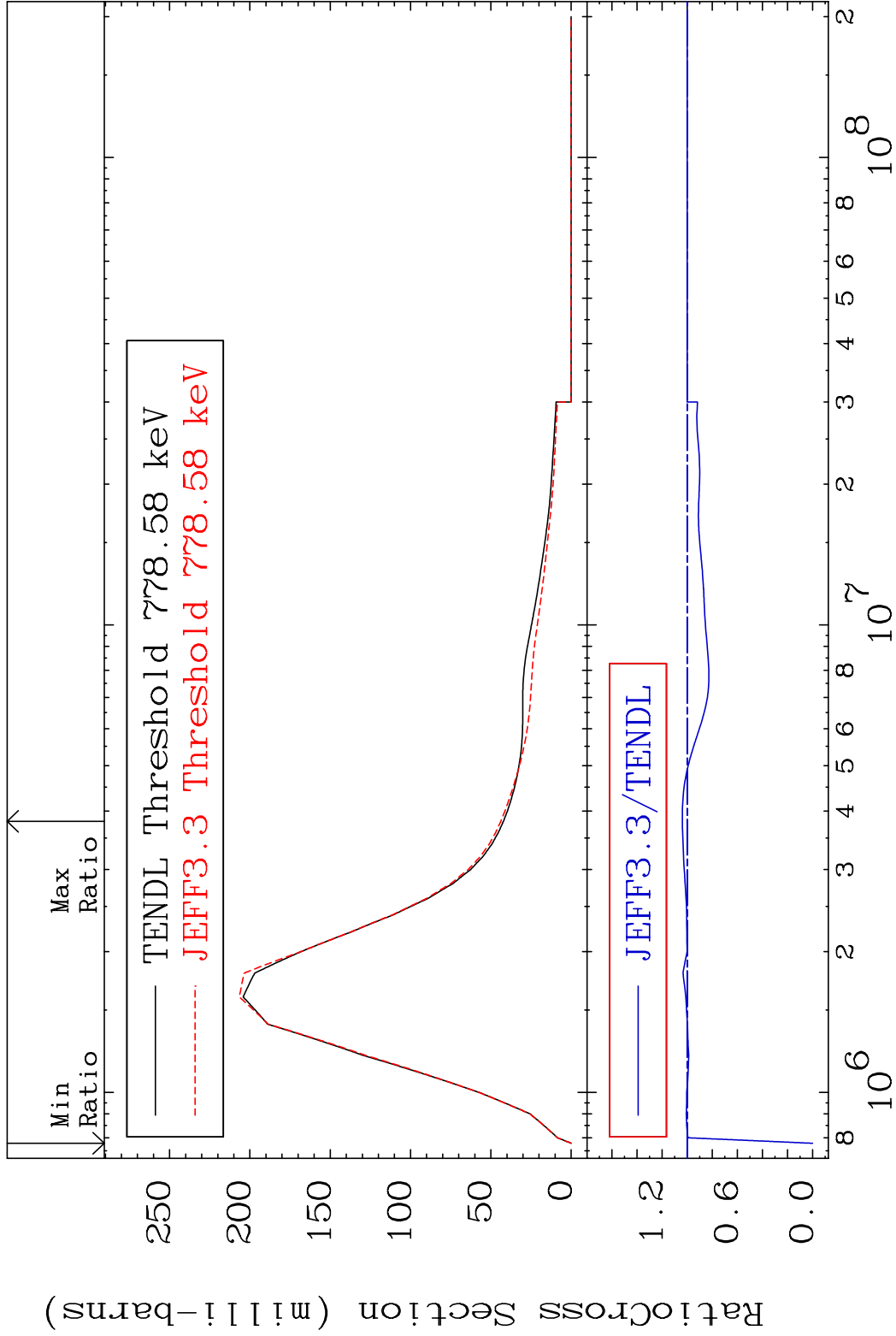
MAT 6243 MT= 51 (n,n') Level 62-Sm-150
 Cross Section -100.0 To 2.604 %



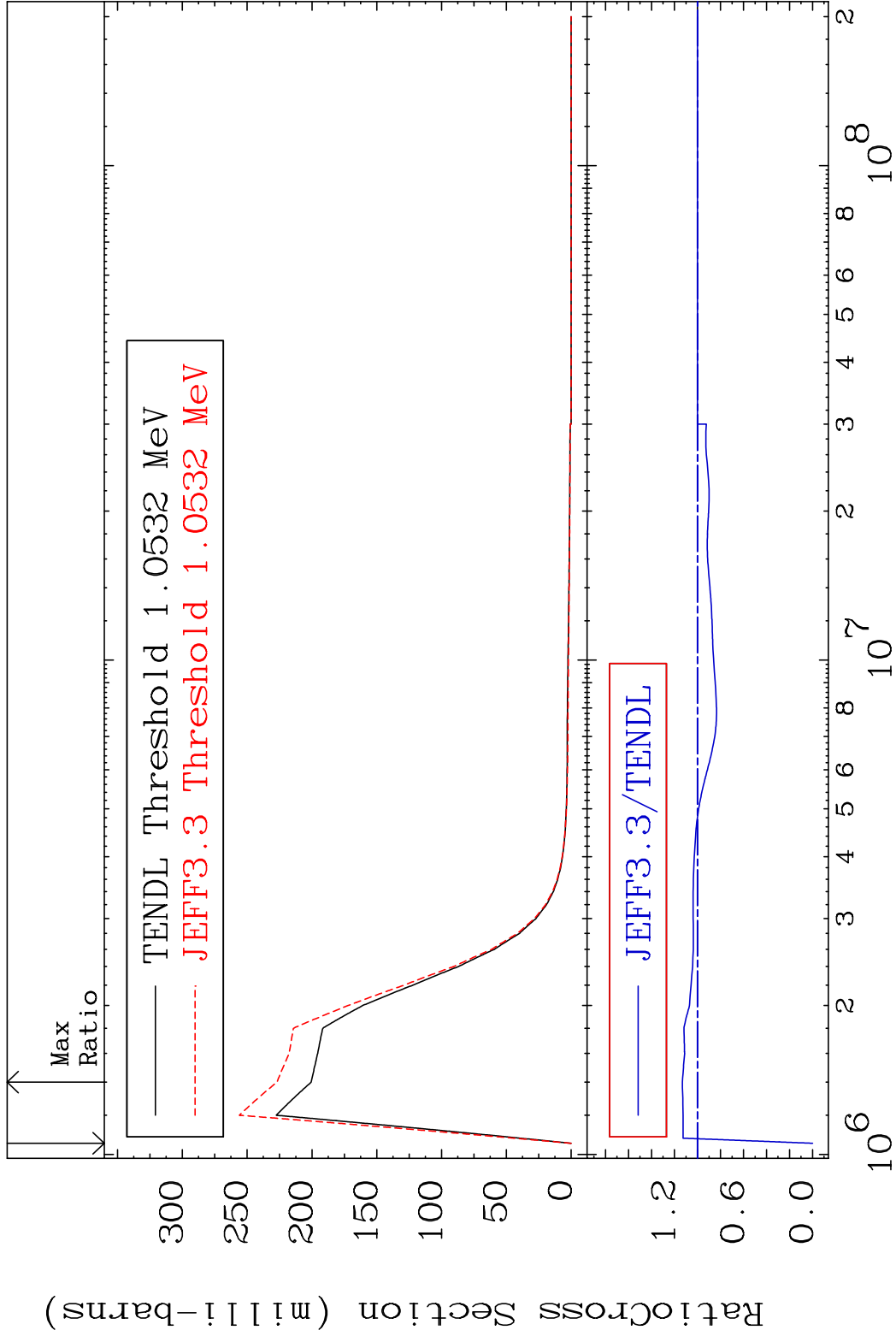
MAT 6243 MT= 52 (n,n') Level 62-Sm-150
Cross Section -100.0 To 17.85 %



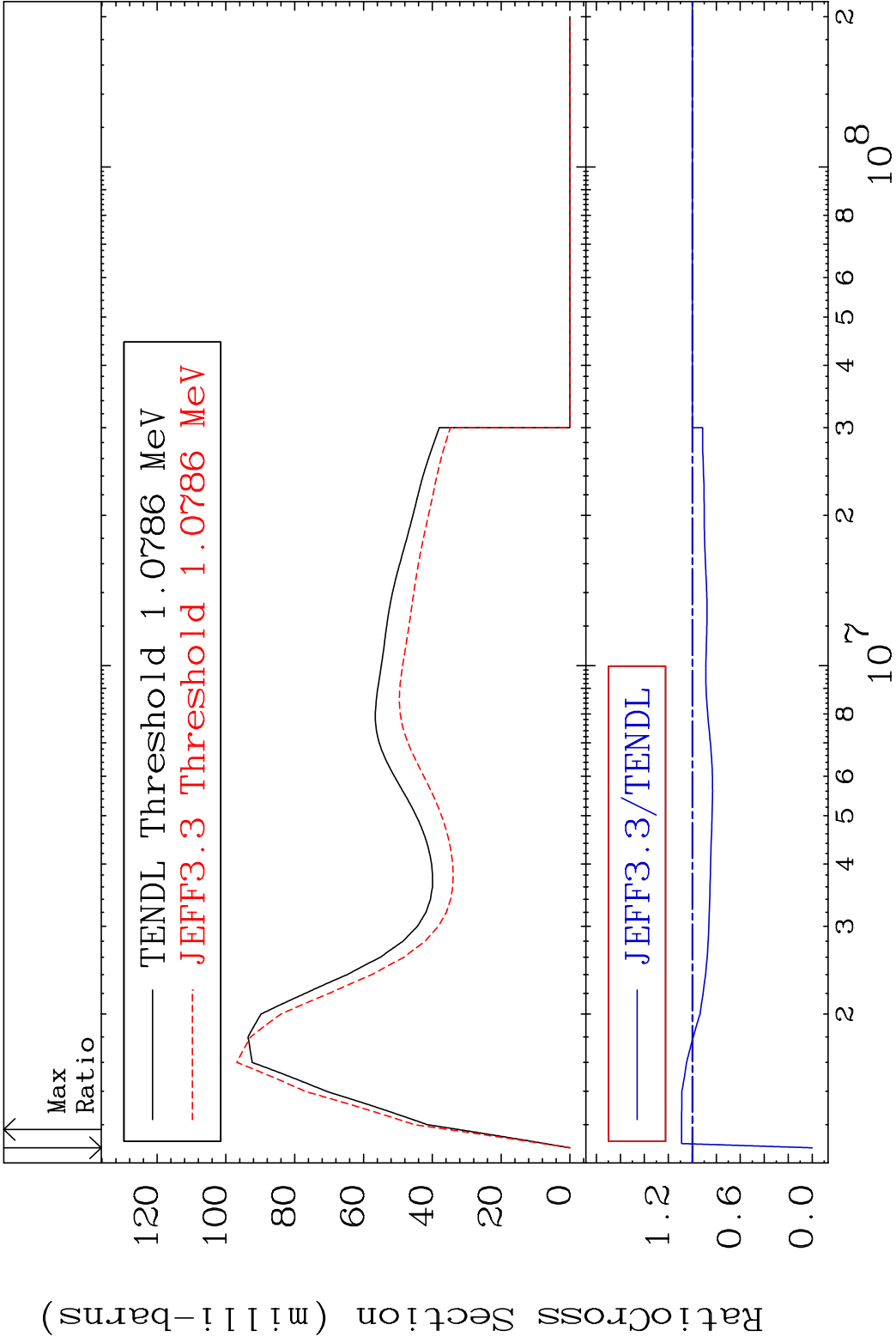
MAT 6243 MT= 53 (n,n') Level 62-Sm-150
Cross Section -100.0 To 3.865 %

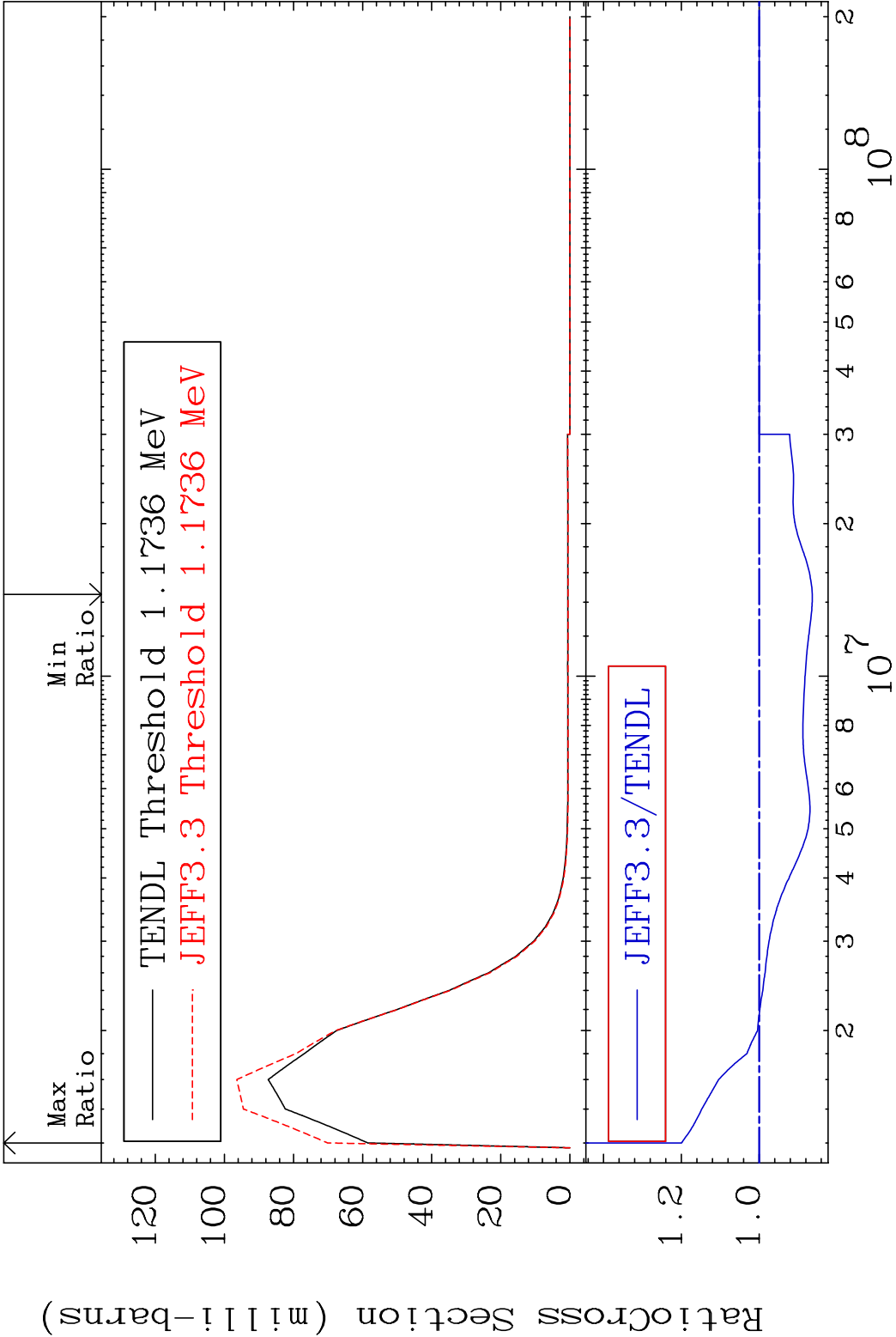


MAT 6243 MT= 54 (n,n') Level 62-Sm-150
Cross Section -100.0 To 13.18 %

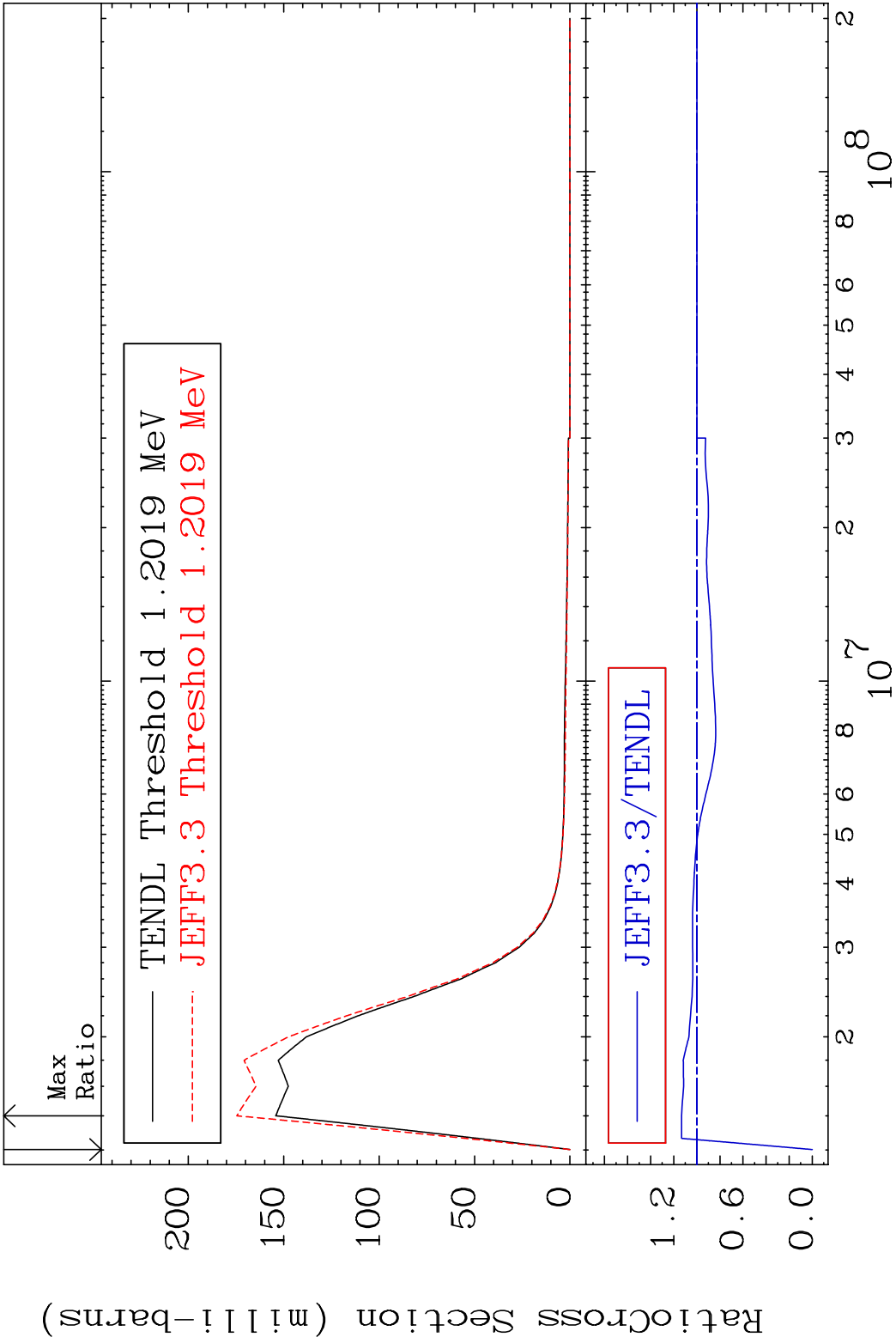


24 Incident Energy (eV) 62-Sm-150

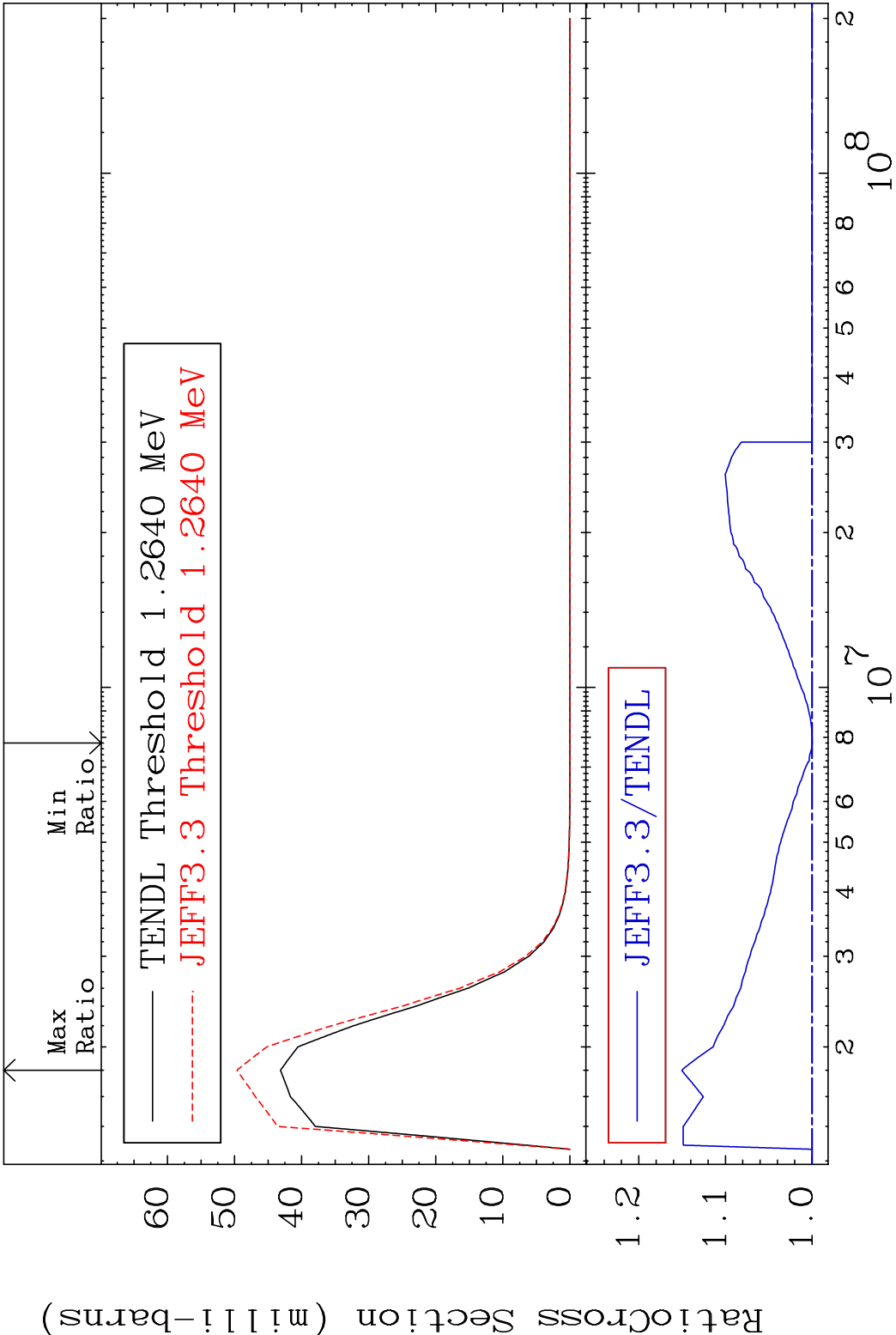




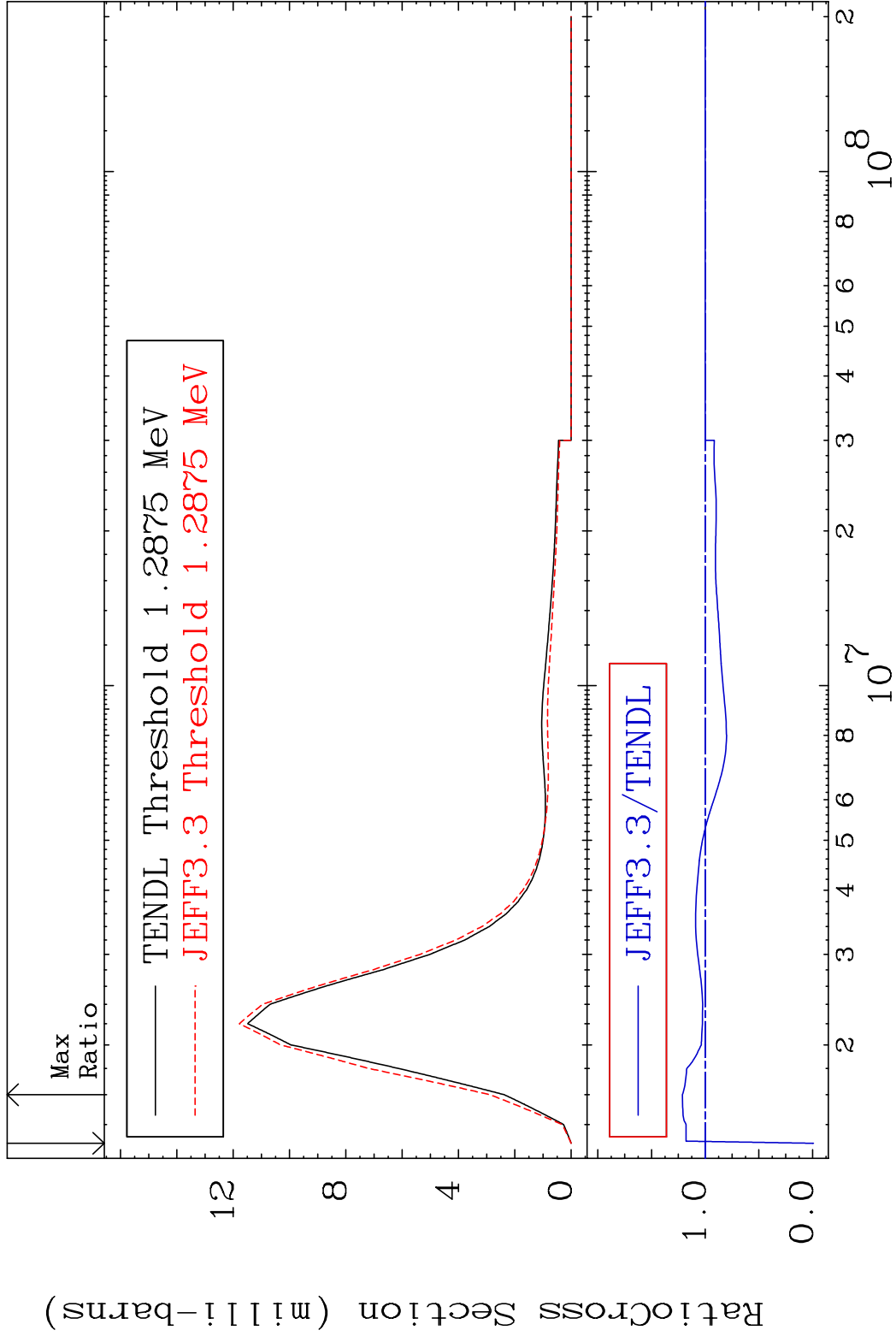
MAT 6243 MT= 57 (n,n') Level 62-Sm-150
 Cross Section -100.0 To 13.26 %



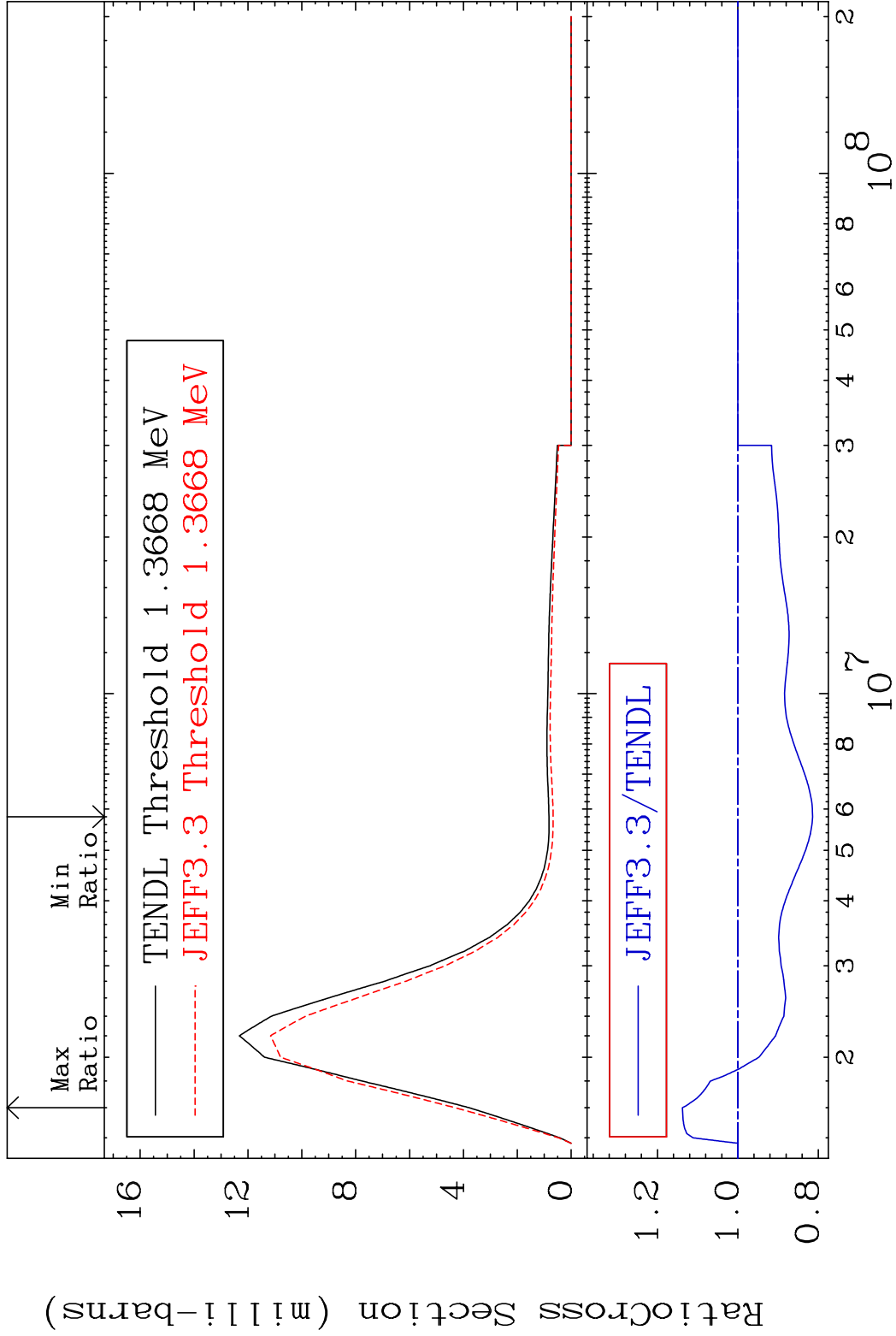
MAT 6243 MT= 58 (n,n') Level 62-Sm-150
 Cross Section -0.016 To 15.07 %

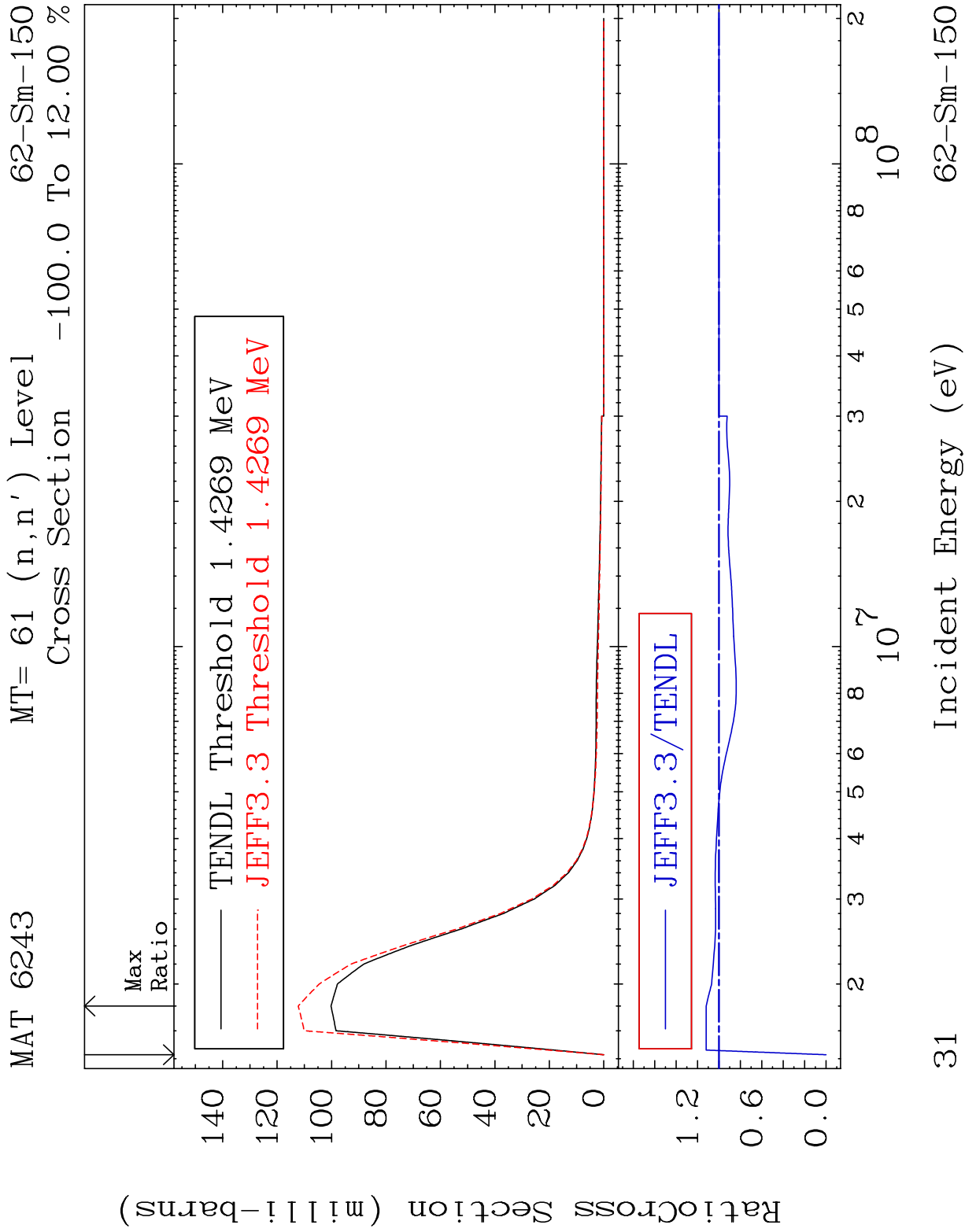


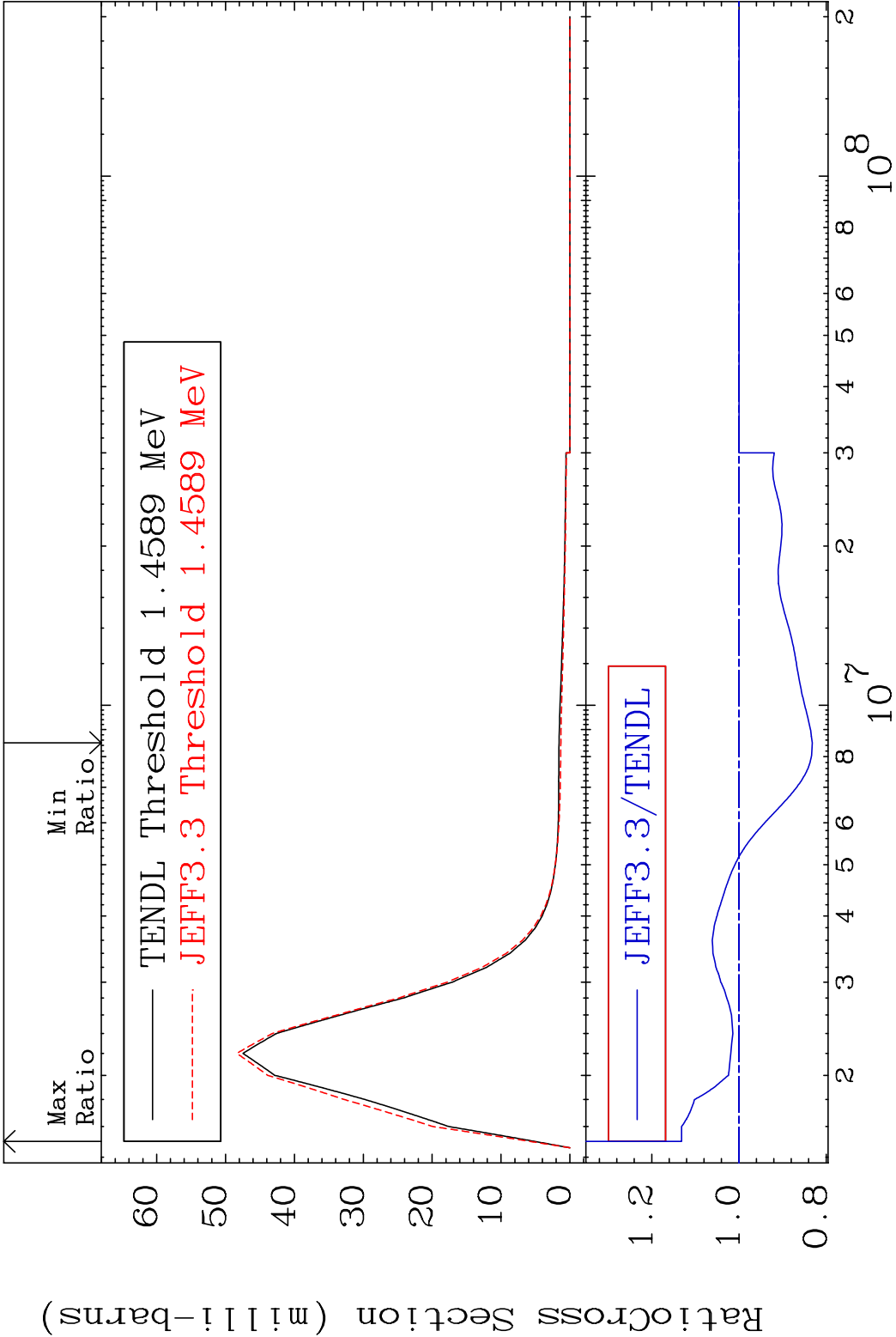
MAT 6243 MT= 59 (n,n') Level 62-Sm-150
Cross Section -100.0 To 21.29 %



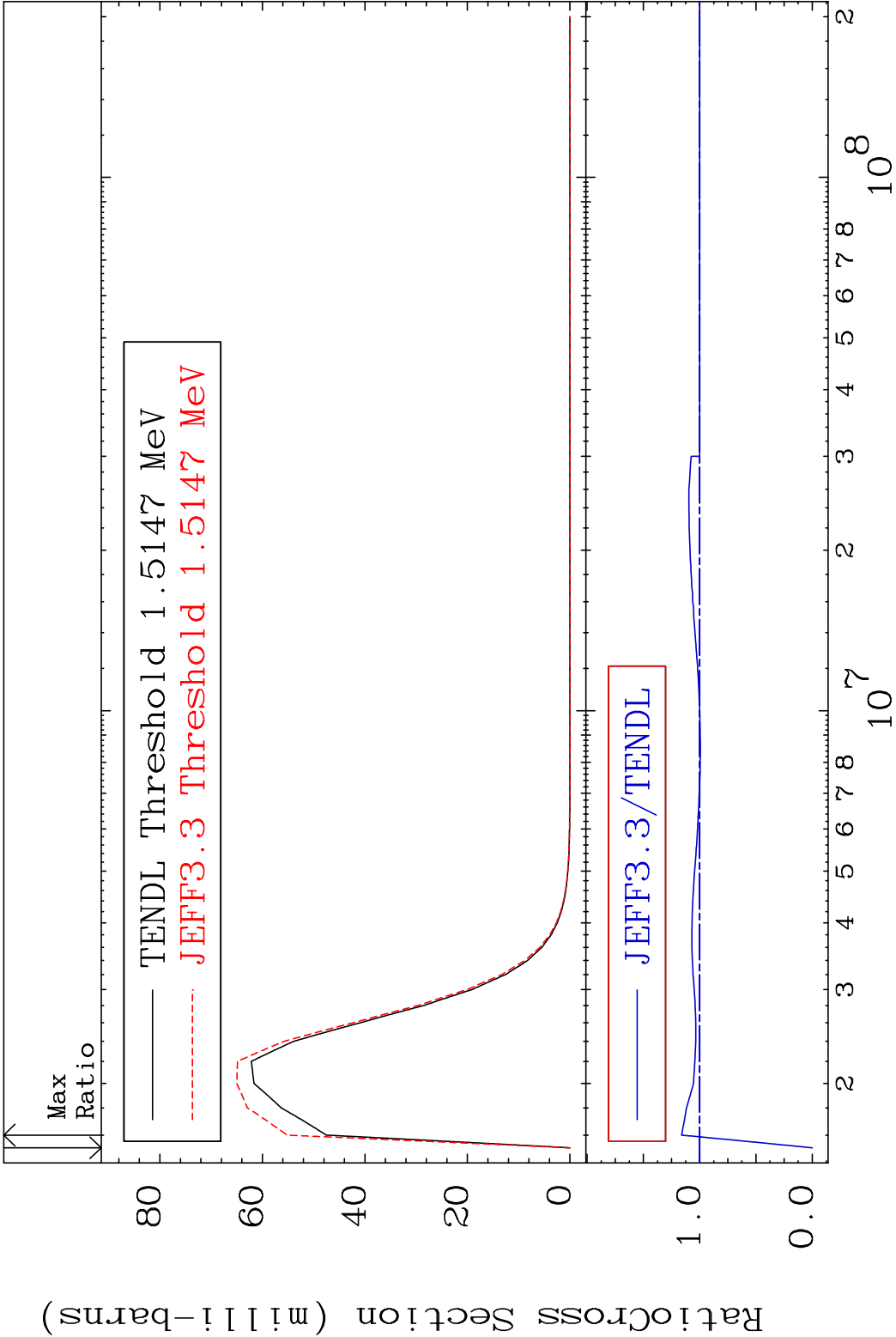
MAT 6243 MT= 60 (n,n') Level 62-Sm-150
Cross Section -18.58 To 13.81 %





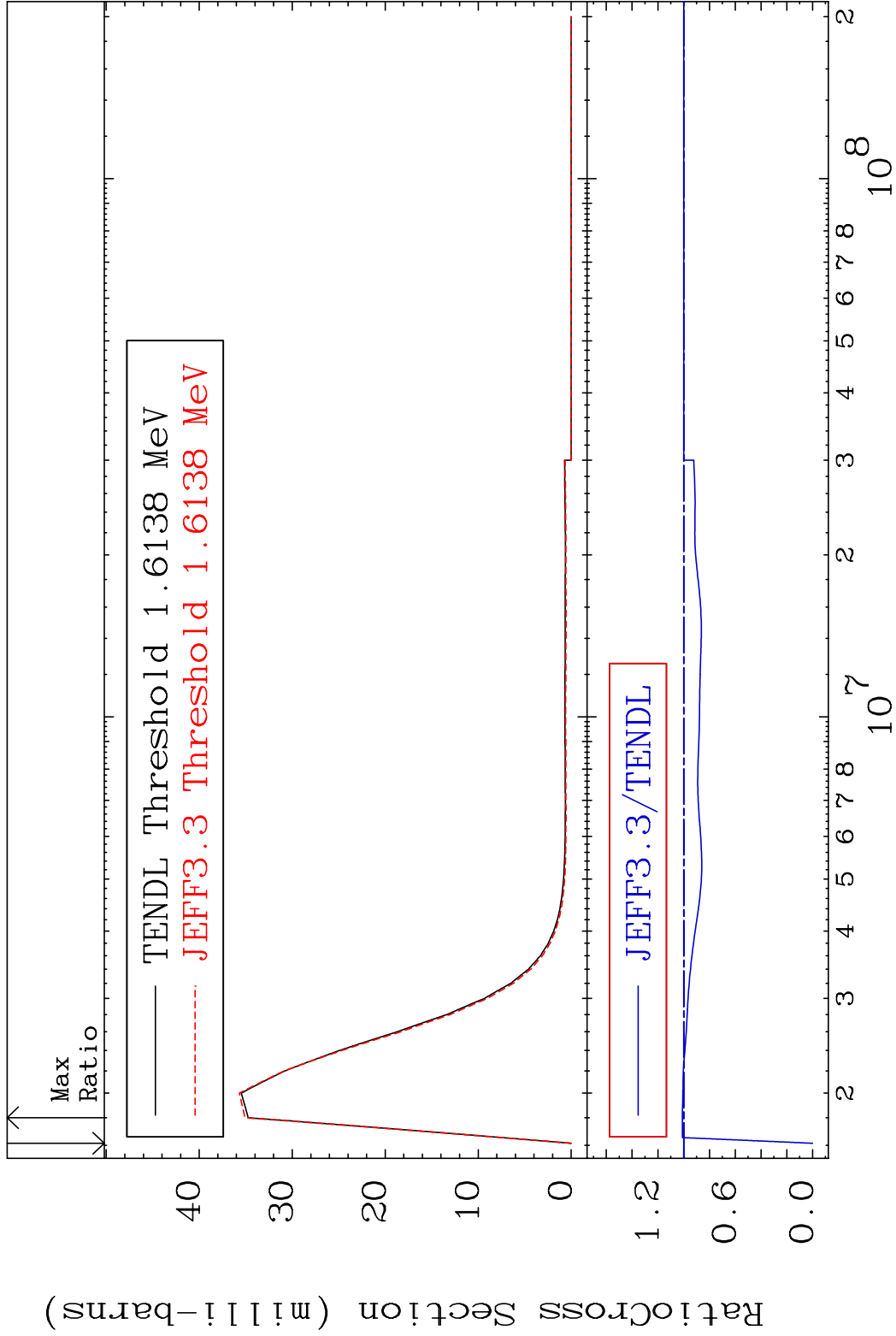


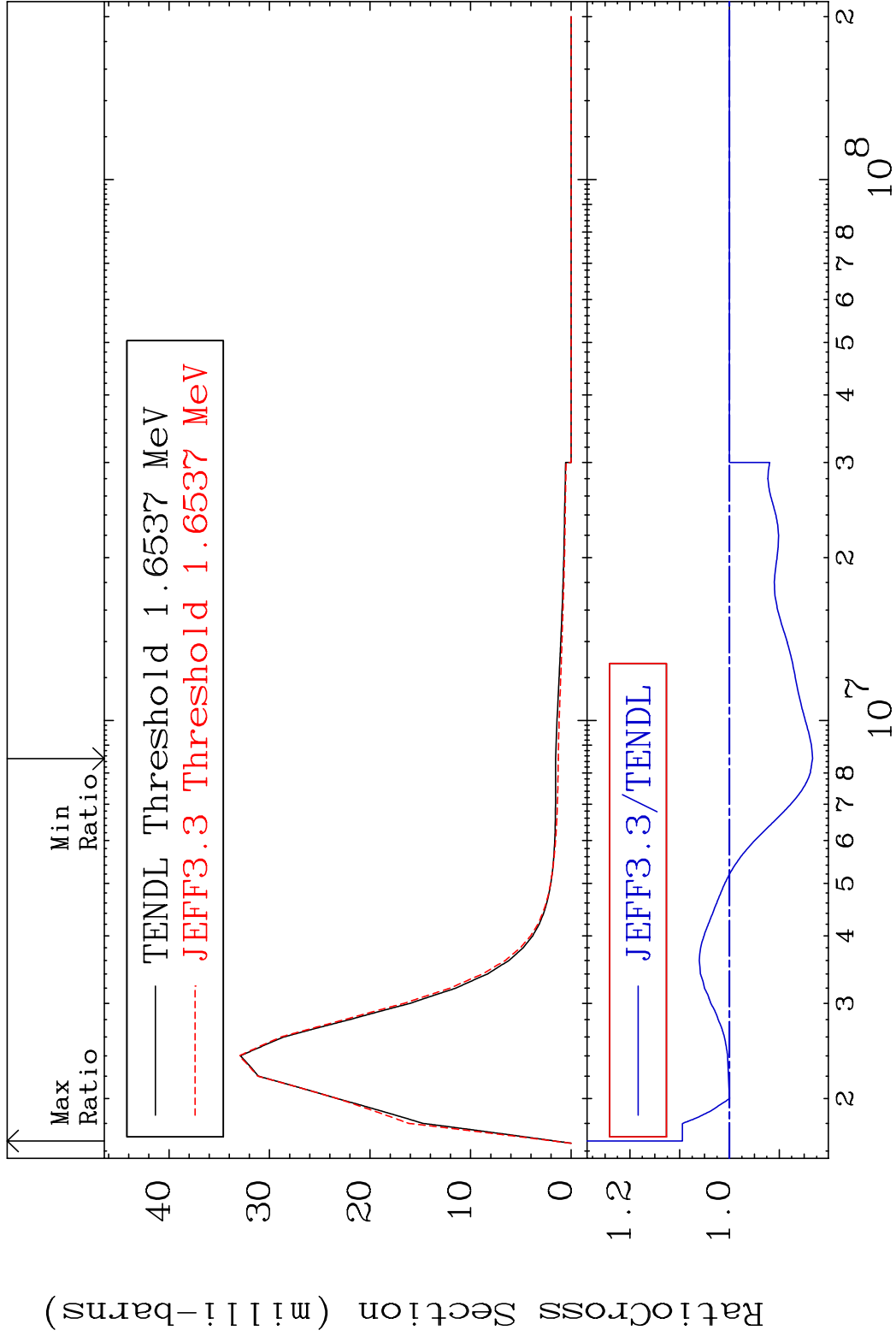
MAT 6243 MT= 63 (n,n') Level 62-Sm-150
 Cross Section -100.0 To 16.11 %

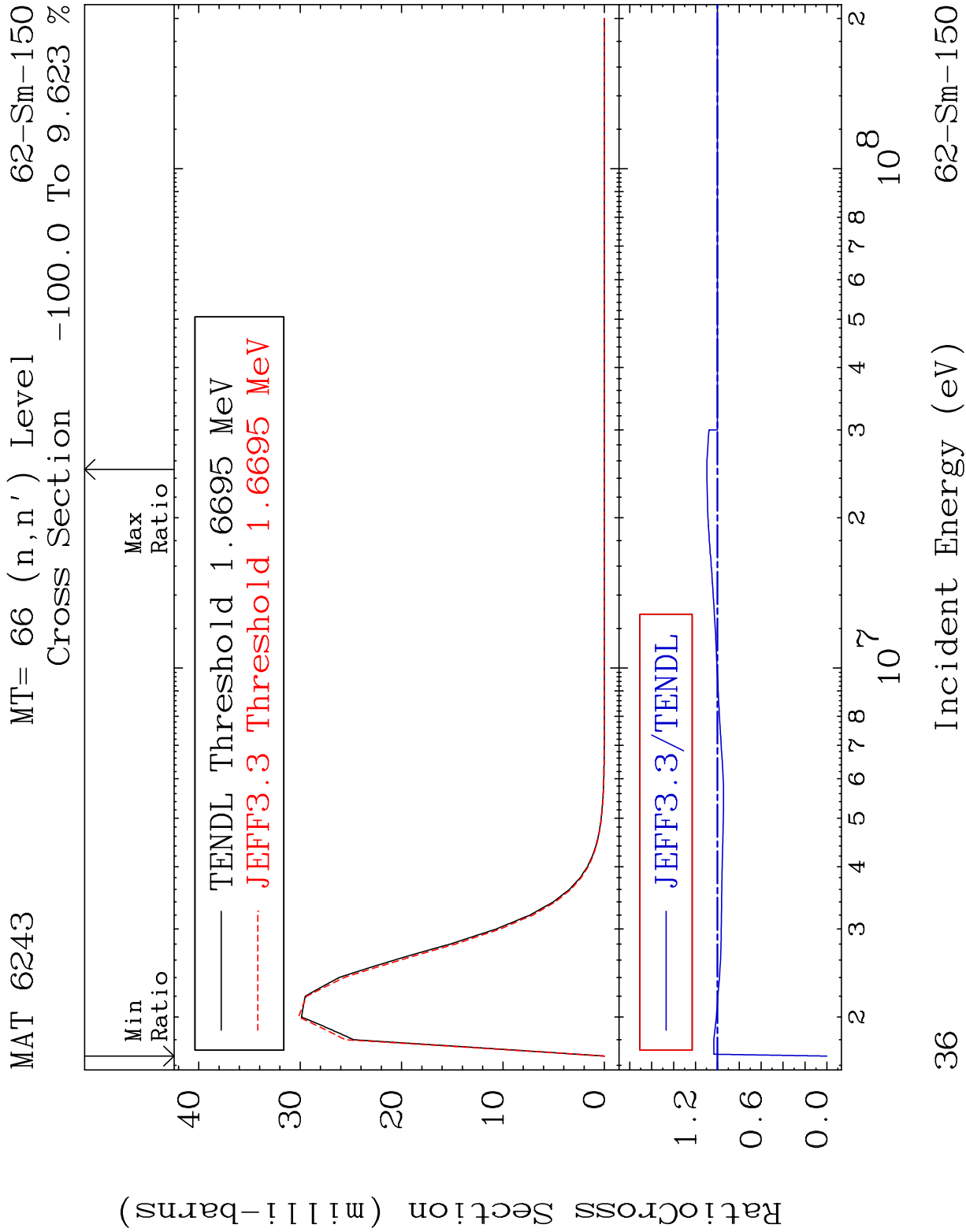


33 Incident Energy (eV) 62-Sm-150

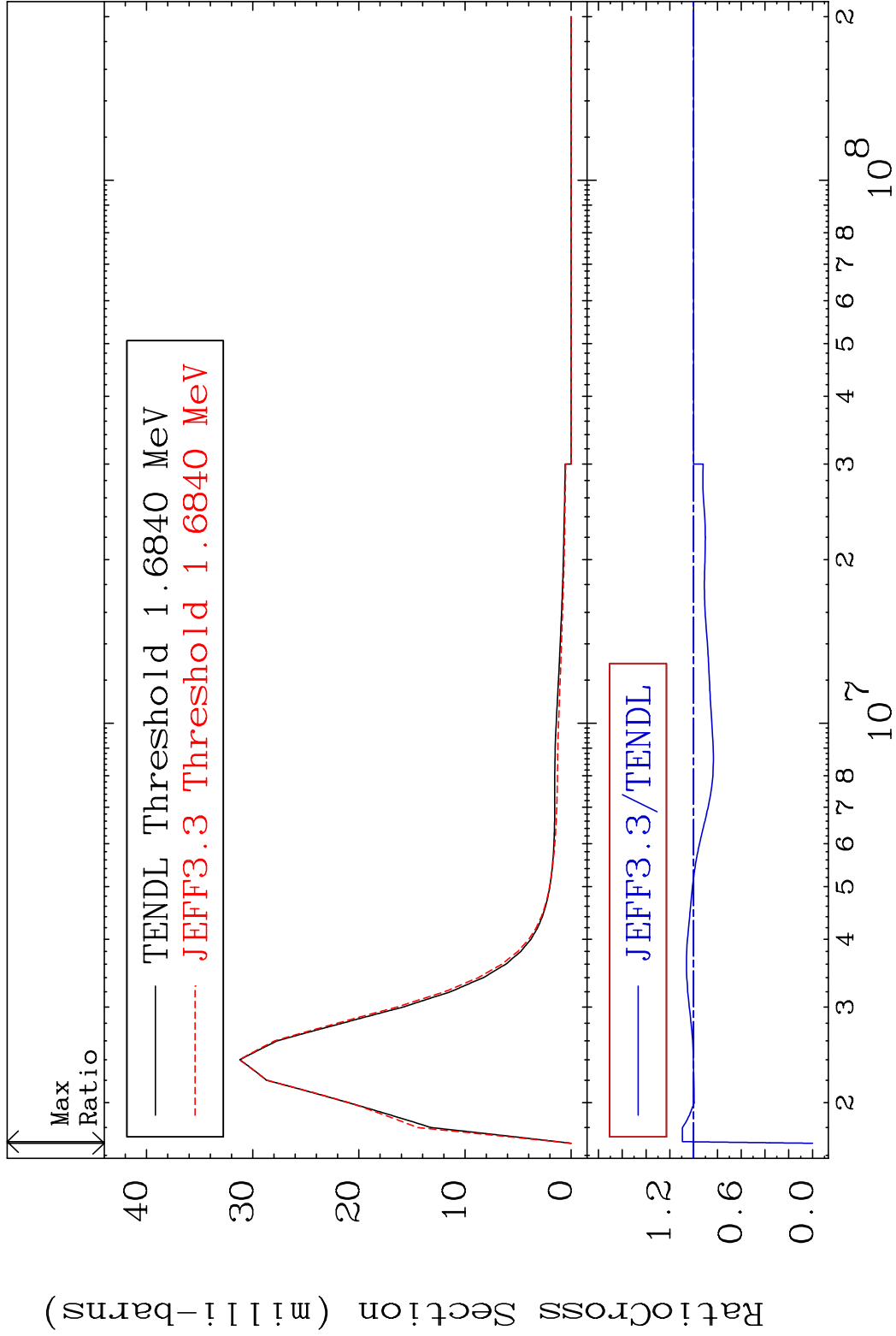
MAT 6243 MT= 64 (n,n') Level 62-Sm-150
Cross Section -100.0 To 1.011 %

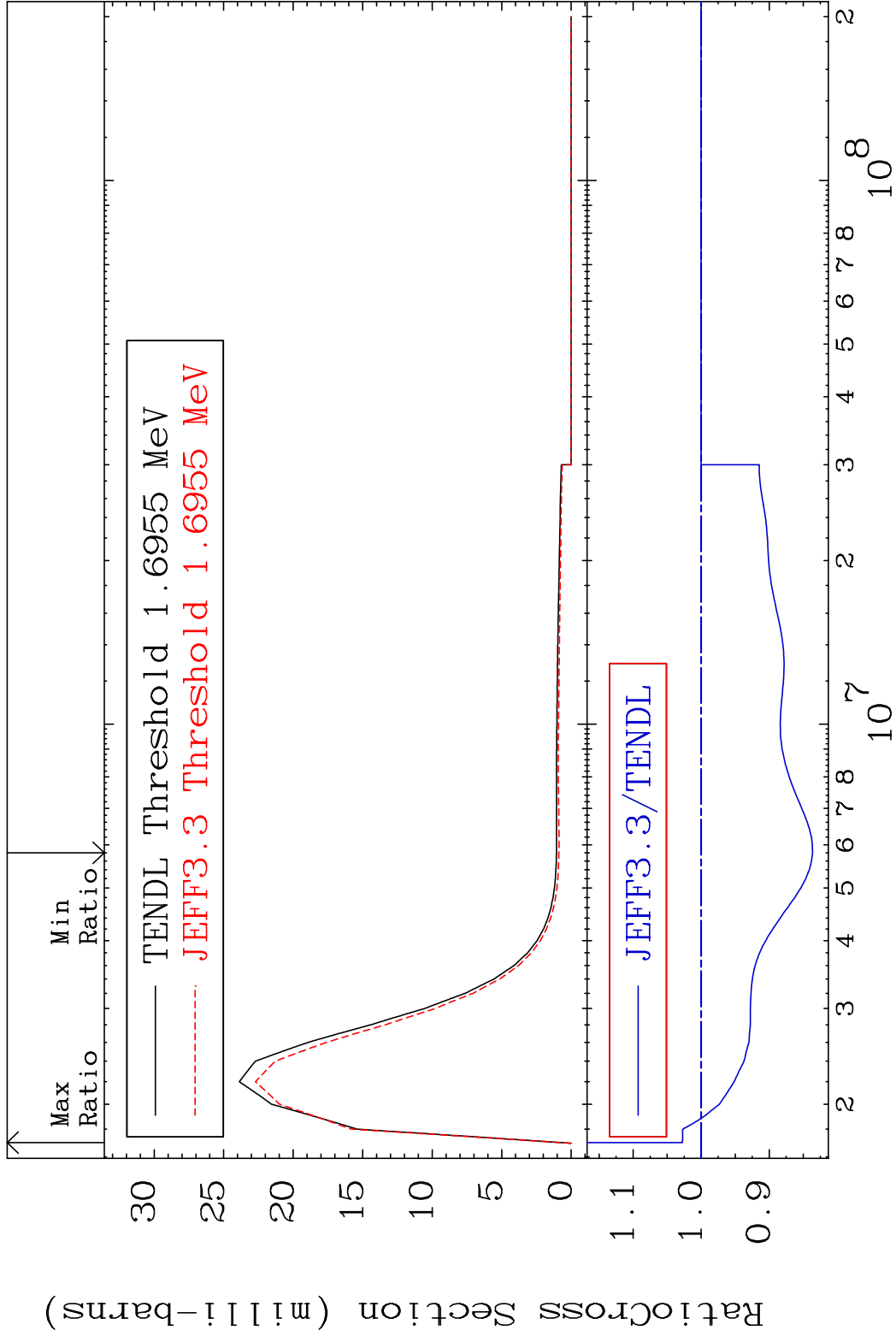




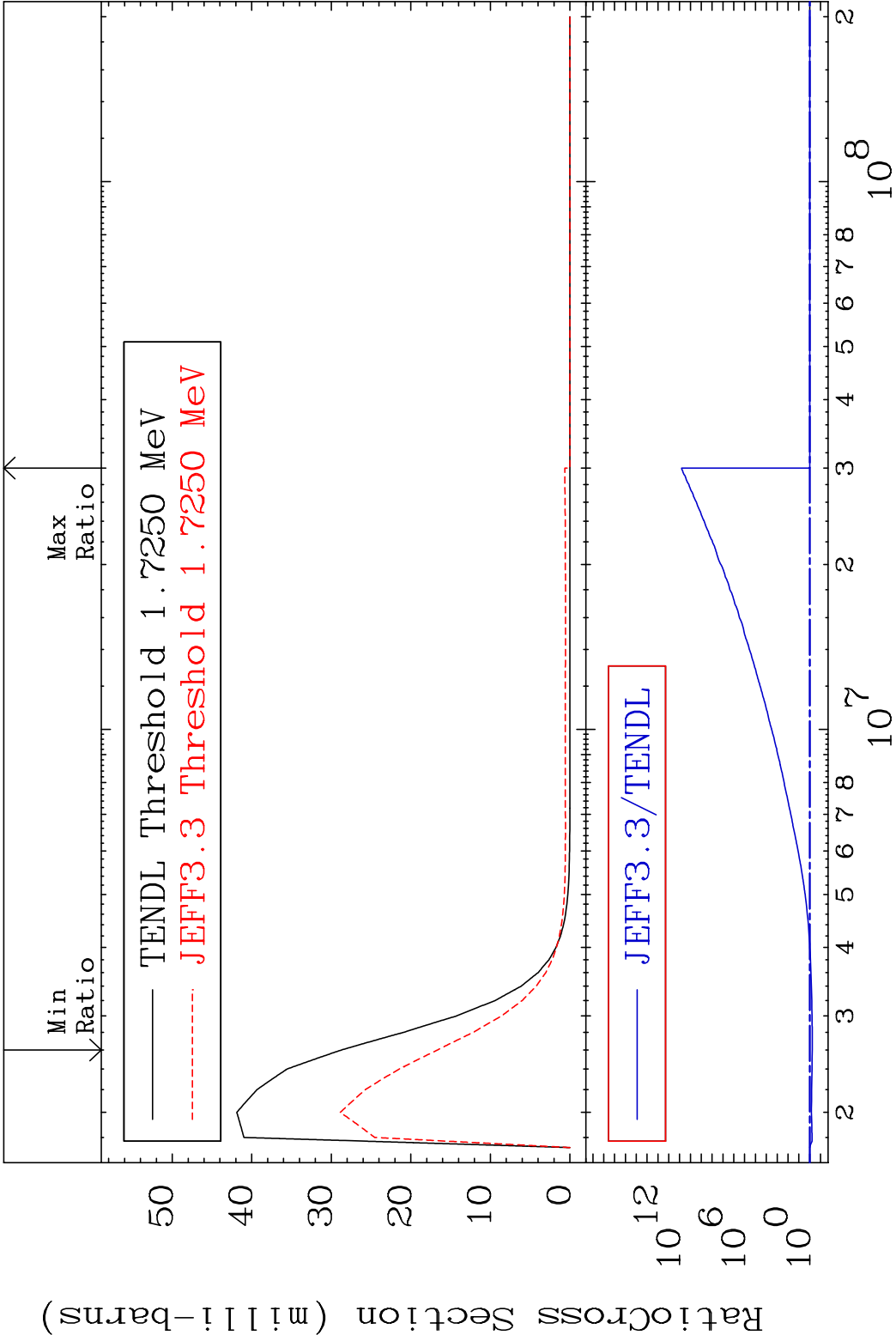


MAT 6243 MT= 67 (n,n') Level 62-Sm-150
Cross Section -100.0 To 9.461 %

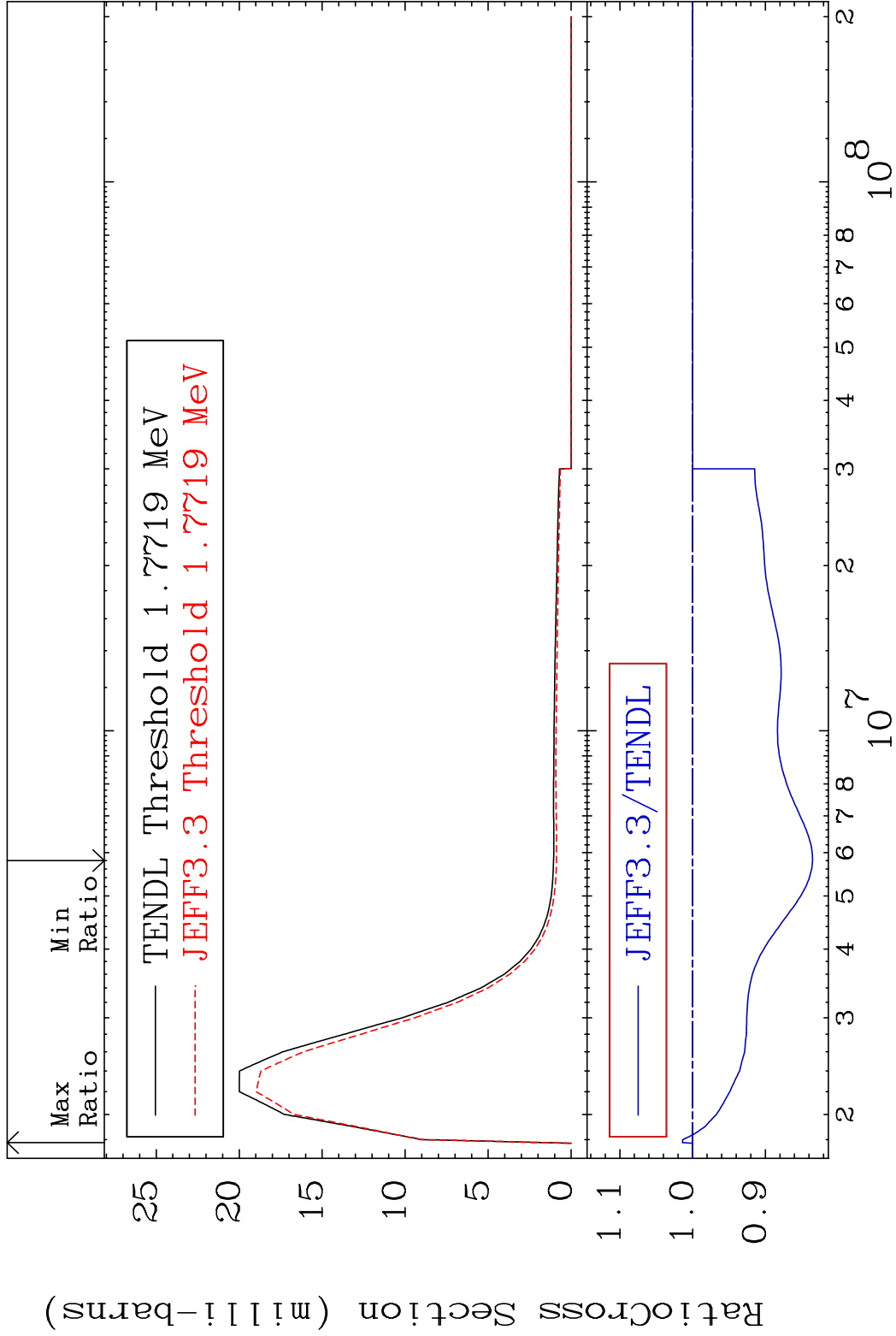




MAT 6243	MT= 69 (n,n')	Level	62-Sm-150
	Cross Section	-42.06 To 9999. %	



MAT 6243 MT= 70 (n,n') Level 62-Sm-150
Cross Section -16.49 To 1.405 %



40 Incident Energy (eV) 62-Sm-150

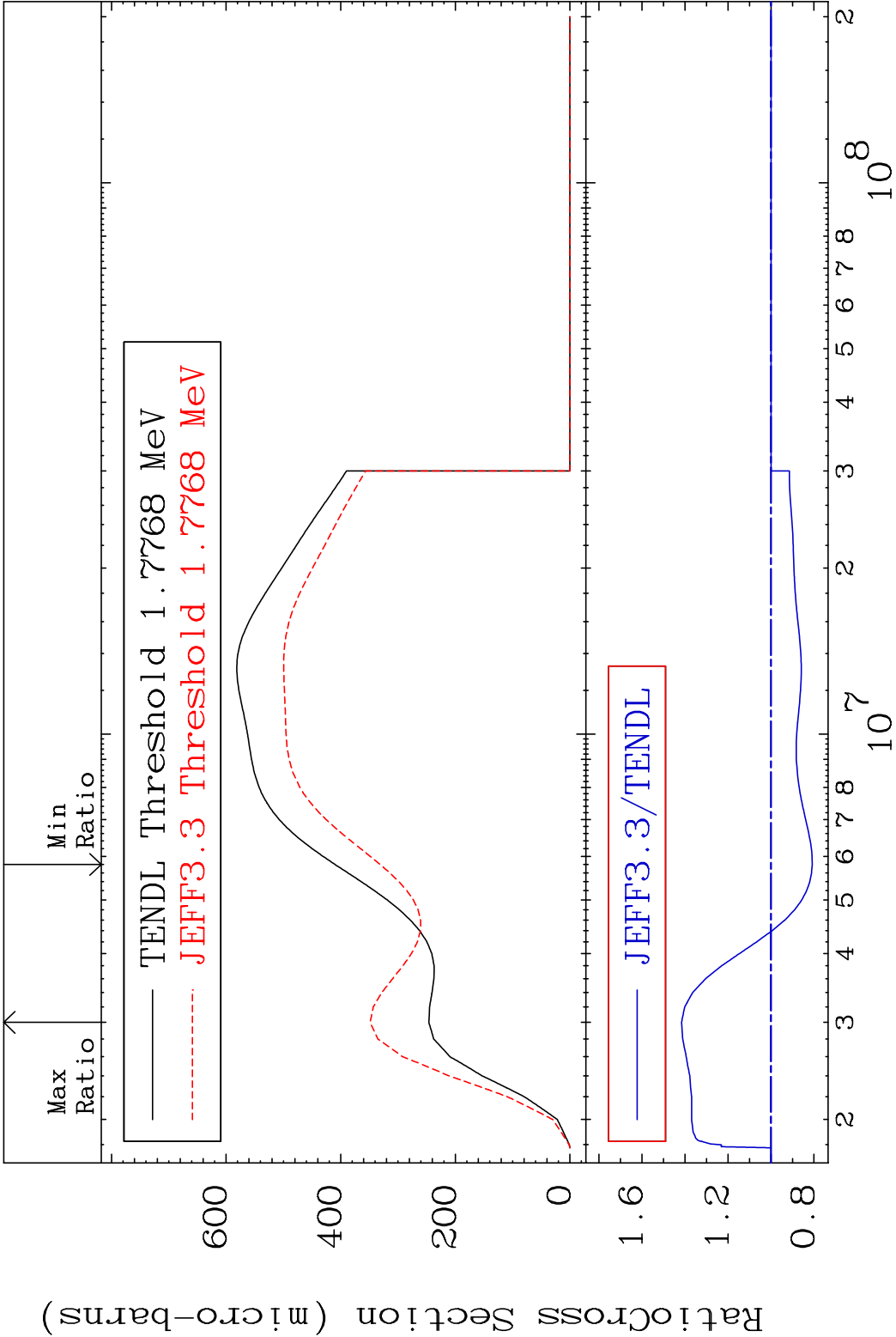
MAT 6243

MT= 71 (n,n') Level

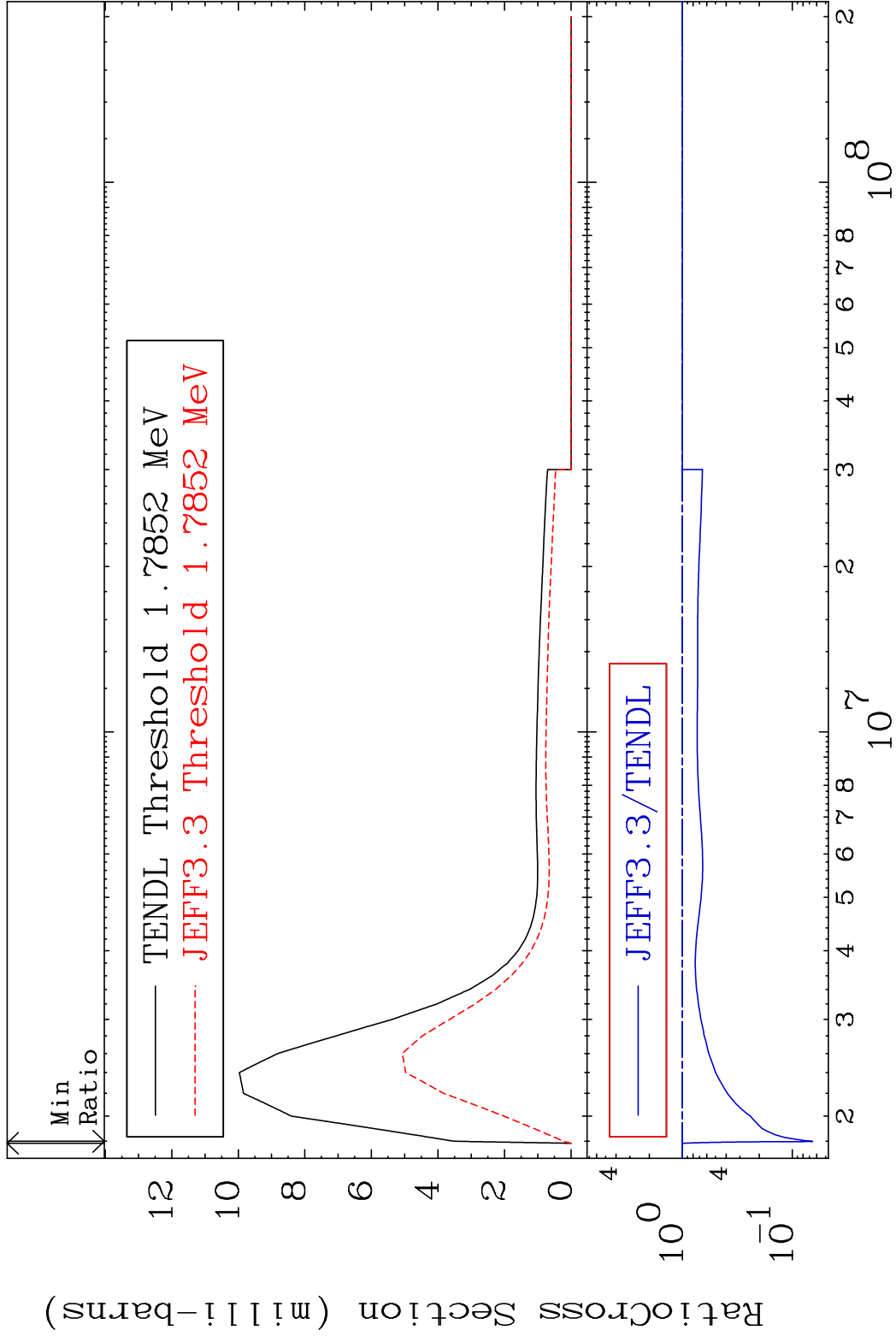
62-Sm-150

Cross Section

-19.18 To 41.57 %



MAT 6243	MT= 72 (n,n')	Level	62-Sm-150
	Cross Section	-93.45 To 0.000 %	



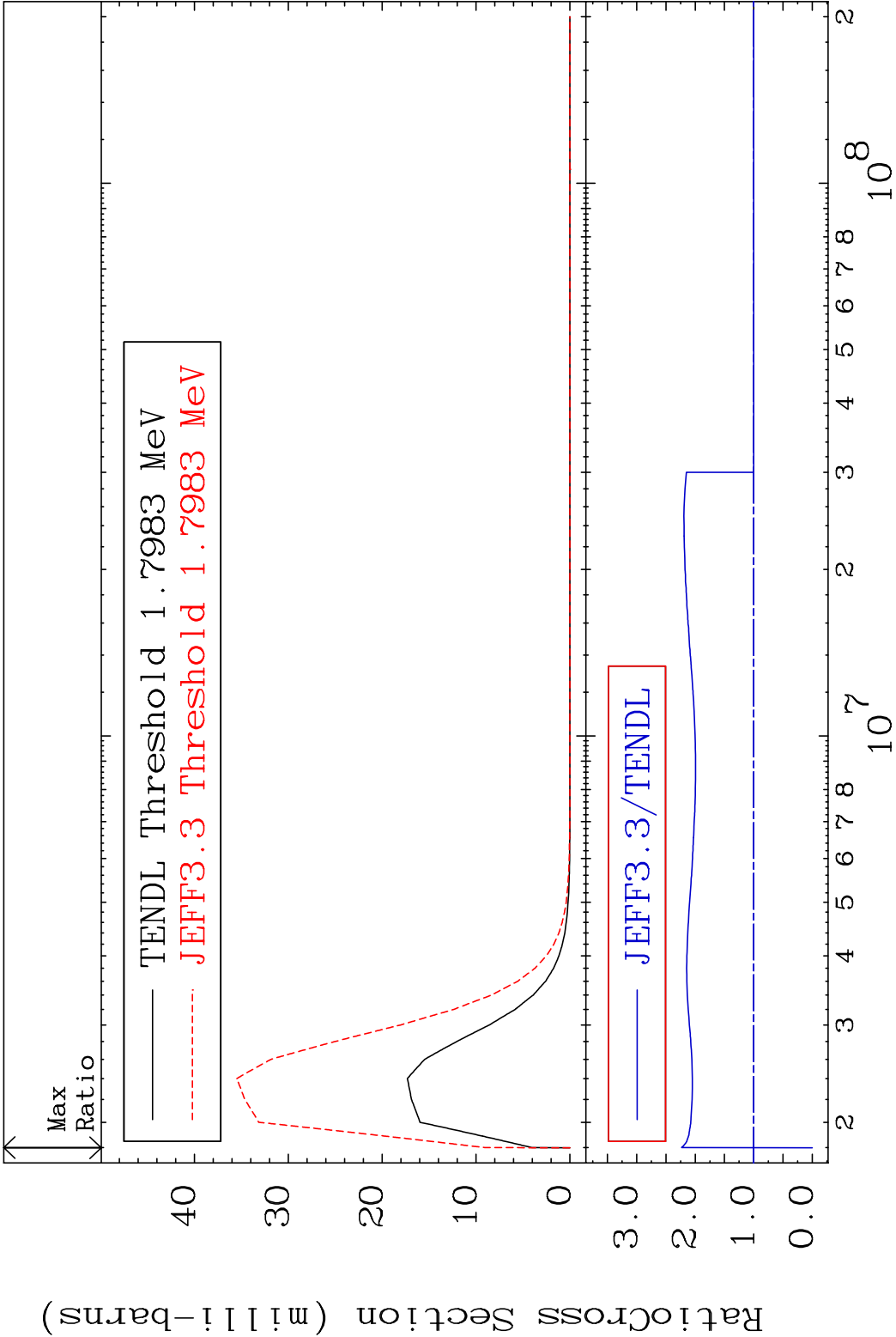
MAT 6243

MT= 73 (n,n') Level

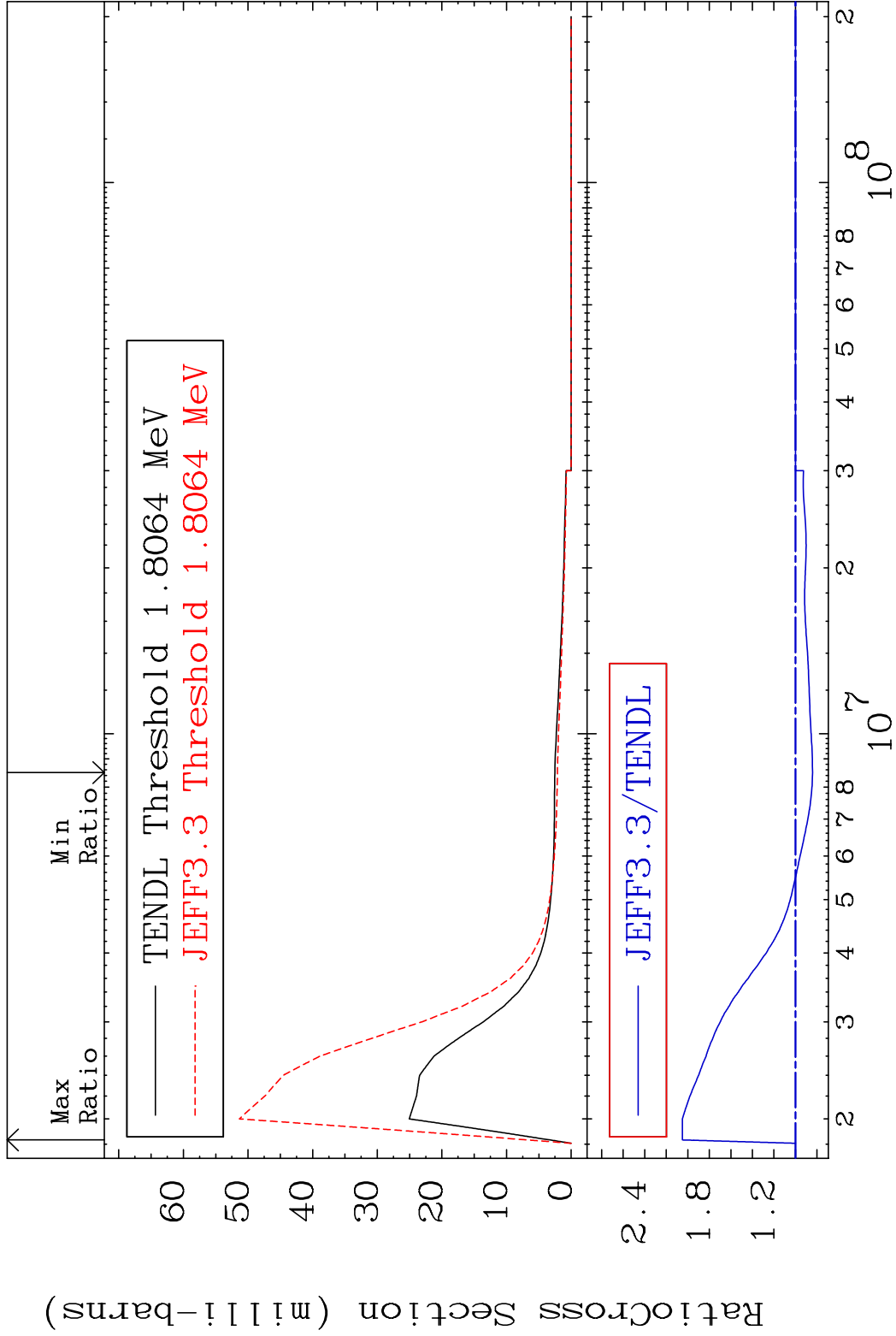
62-Sm-150

Cross Section

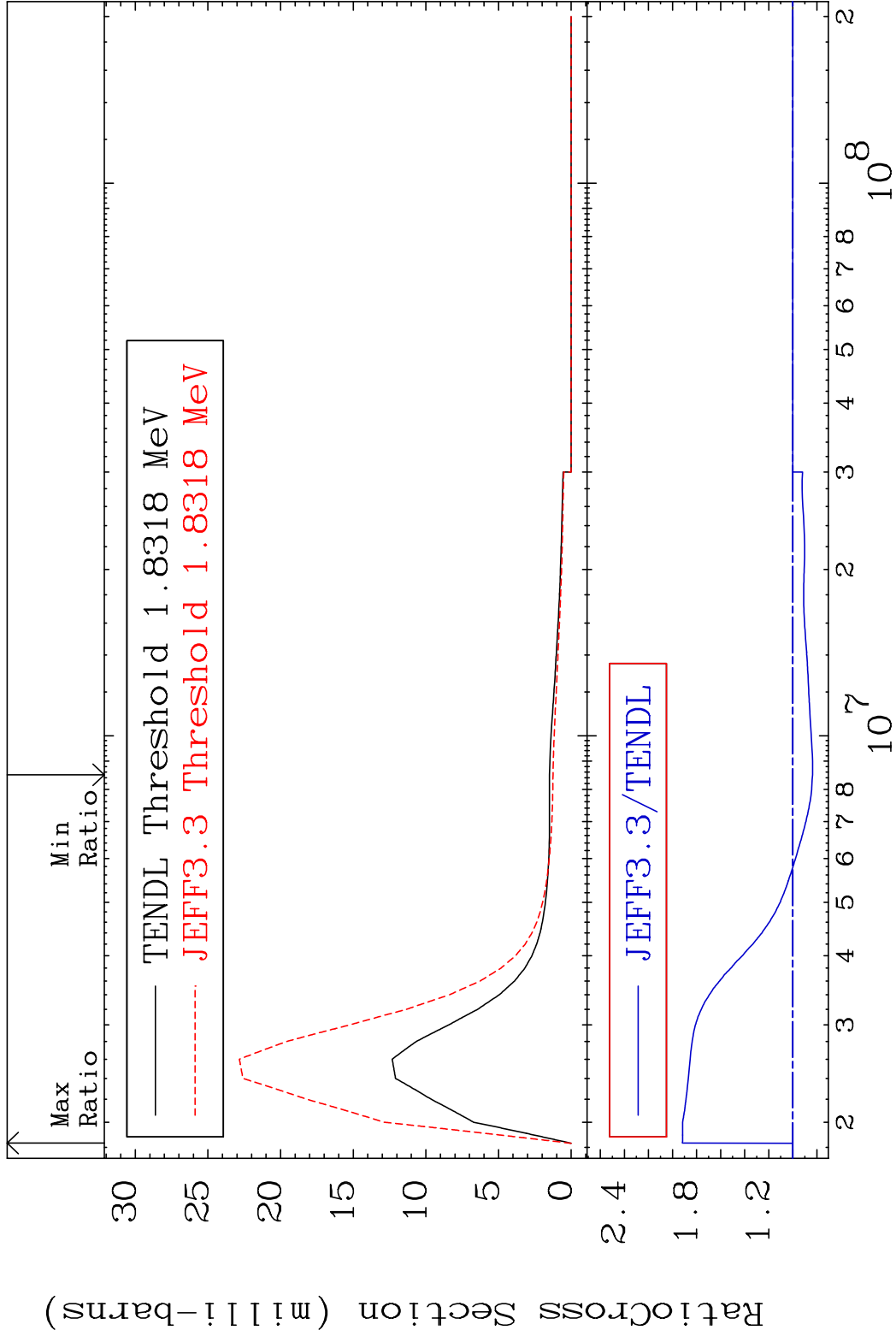
-100.0 To 123.4 %



MAT 6243 MT= 74 (n,n') Level 62-Sm-150
Cross Section -15.86 To 105.0 %



MAT 6243 MT= 75 (n,n') Level 62-Sm-150
Cross Section -16.44 To 91.80 %



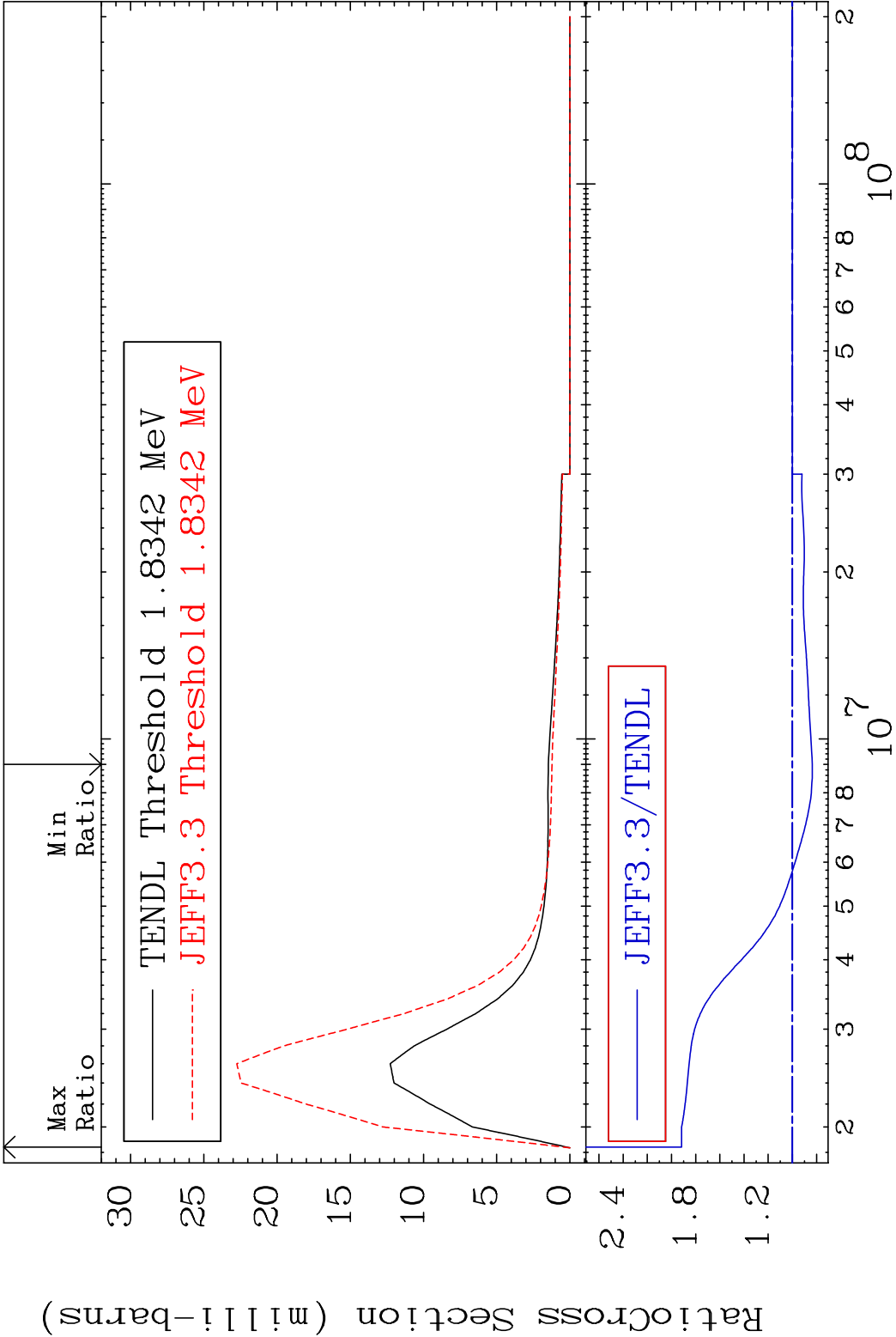
MAT 6243

MT= 76 (n,n') Level

62-Sm-150

Cross Section

-16.44 To 91.70 %

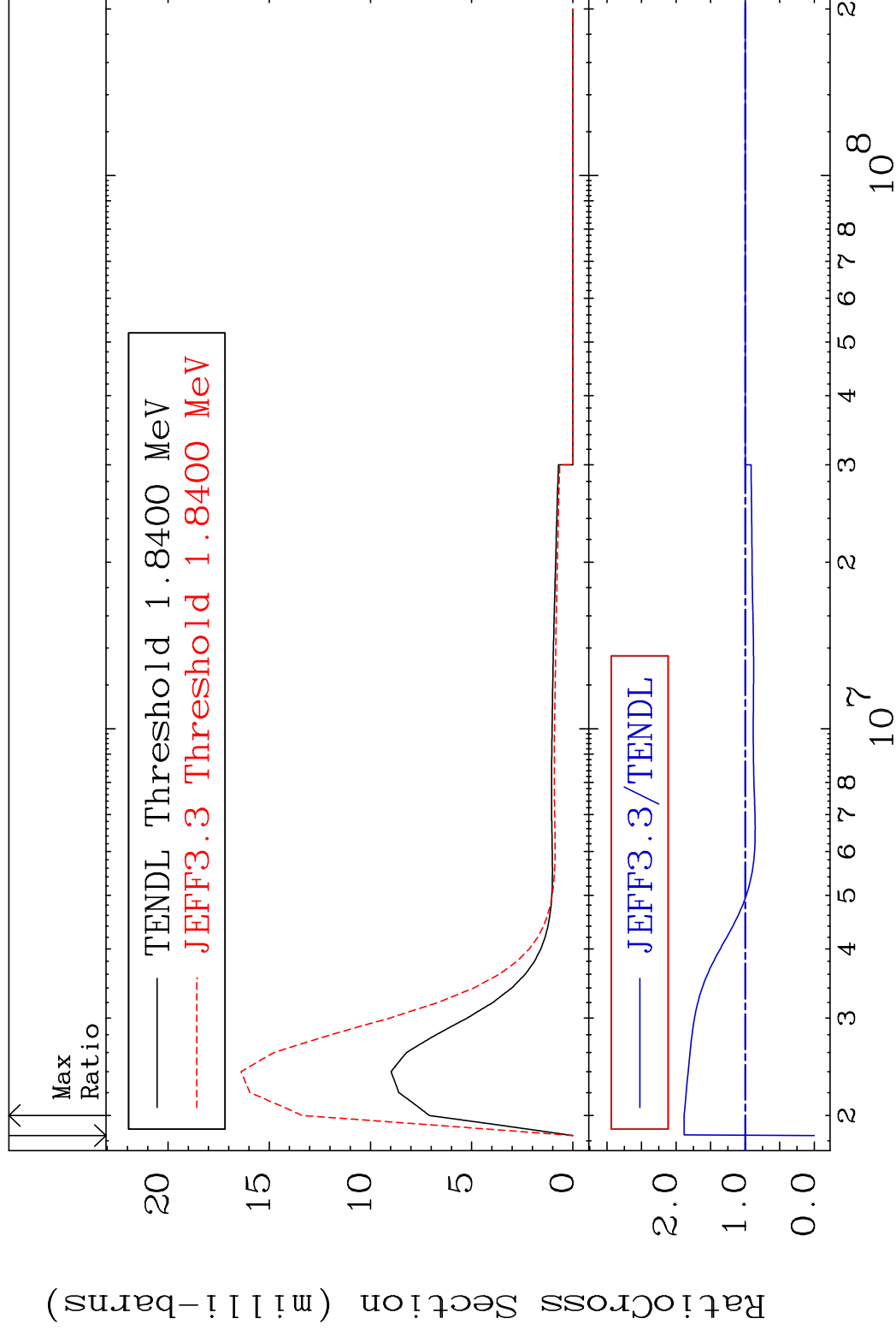


MAT 6243

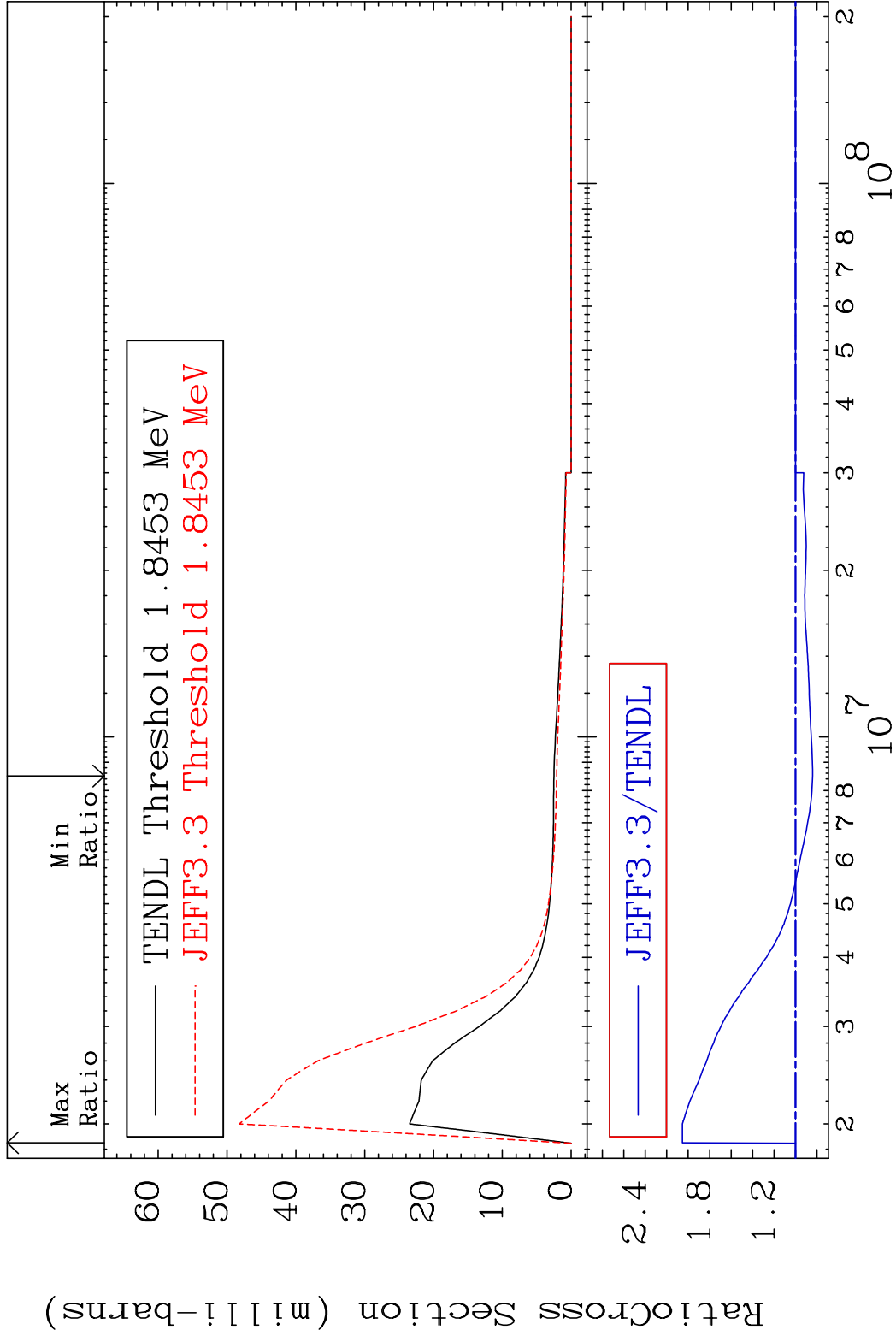
MT= $\gamma\gamma$ (n, n') Level

62-Sm-150

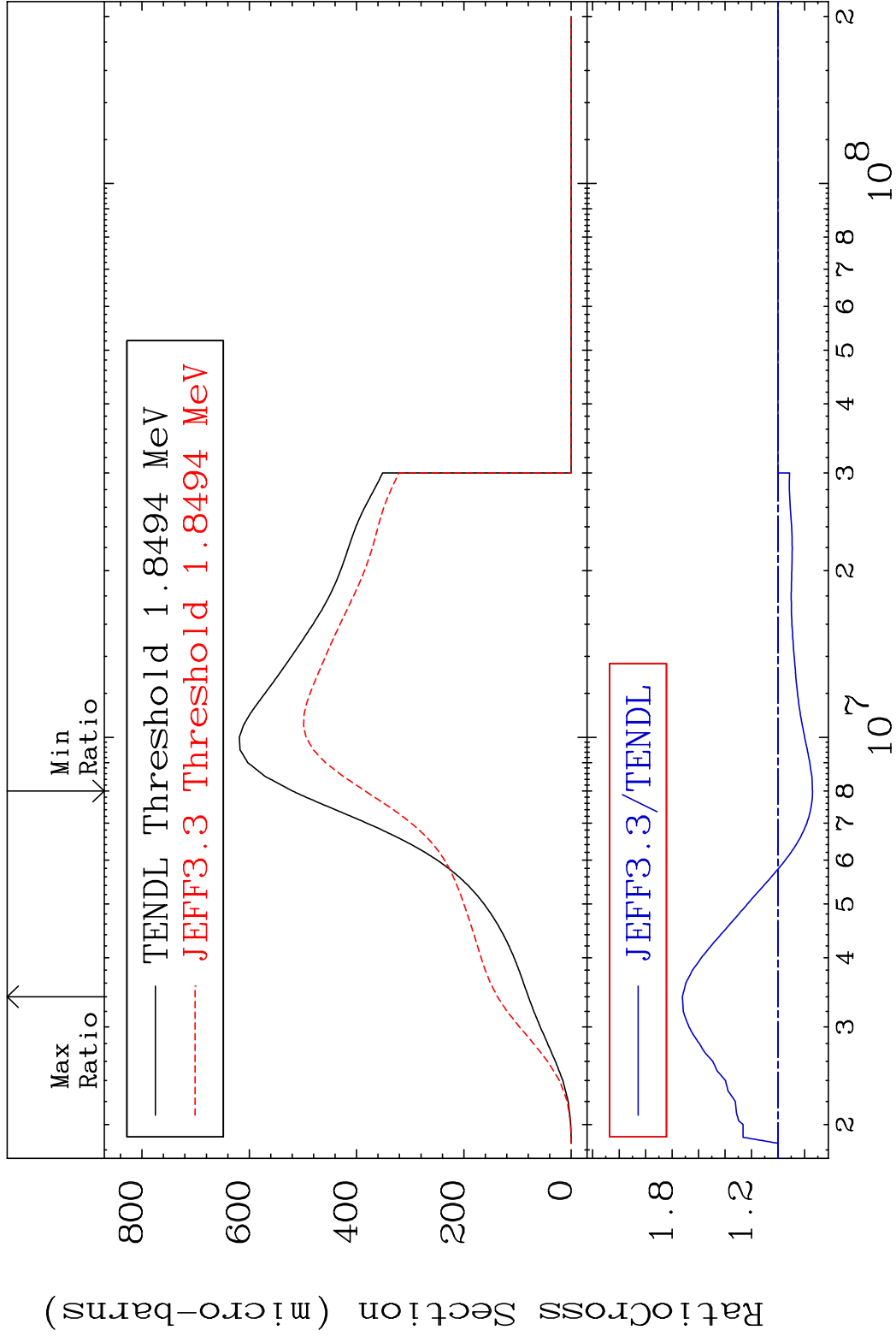
Cross Section -100.0 To 88.48 %

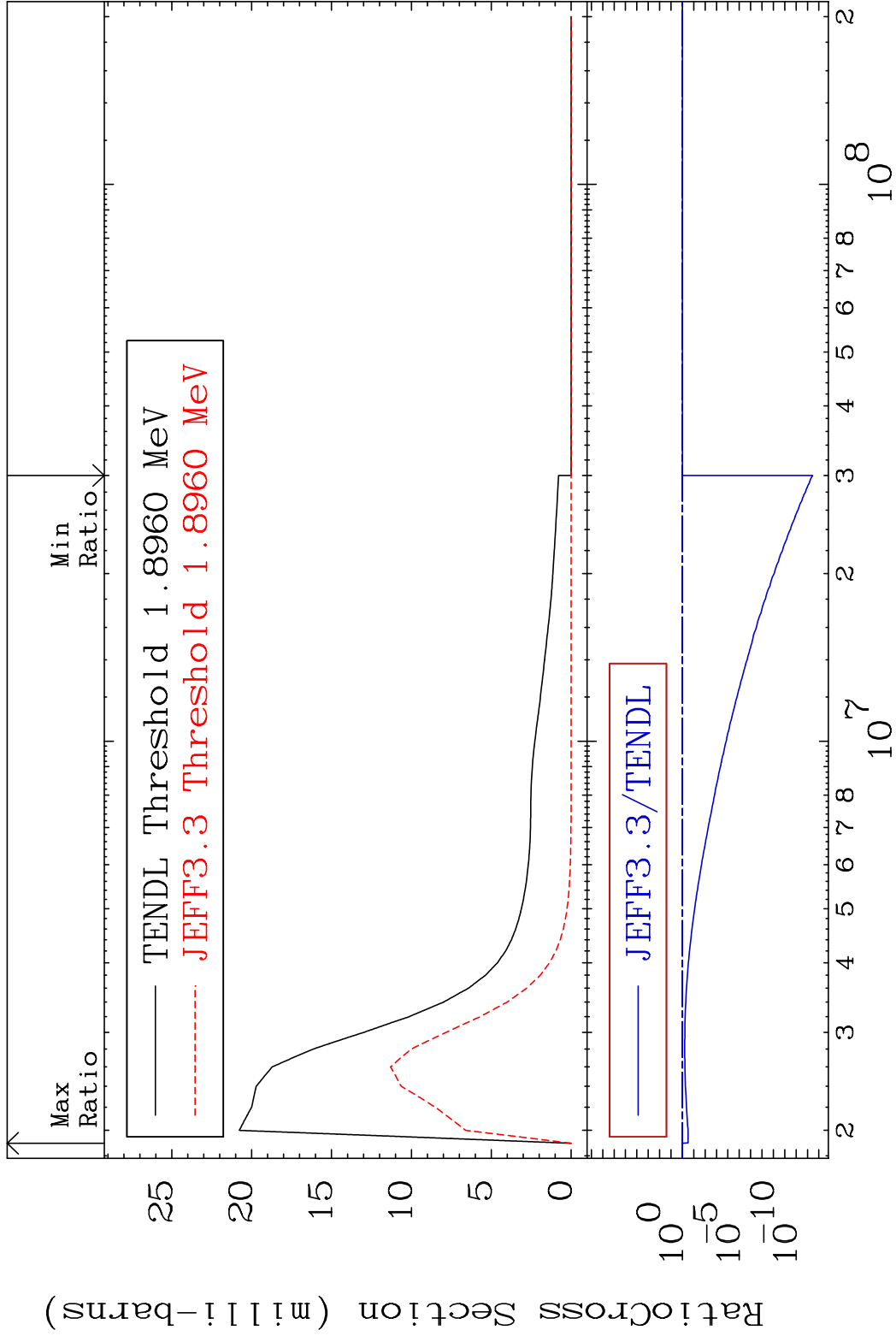


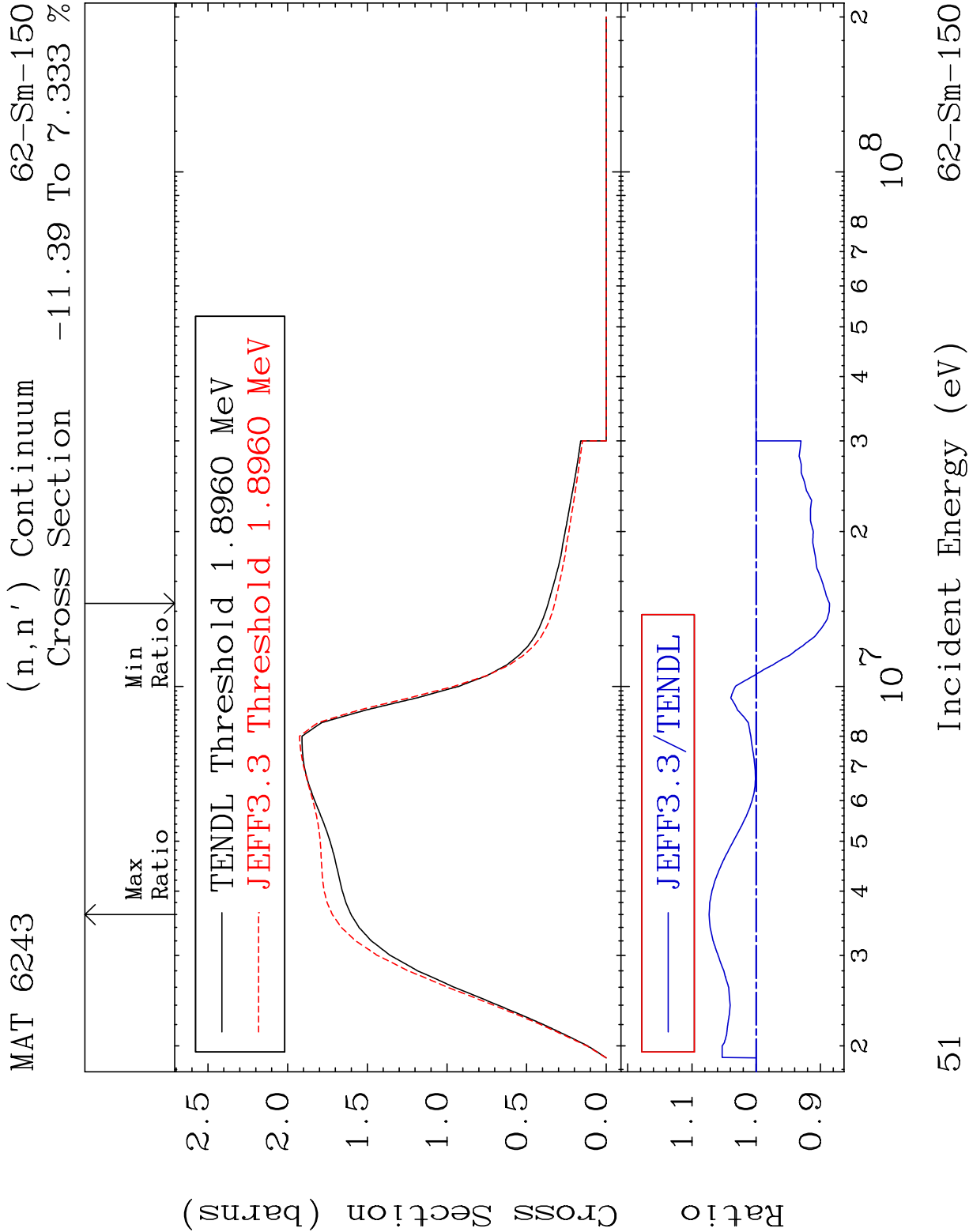
MAT 6243 MT= 78 (n,n') Level 62-Sm-150
Cross Section -15.81 To 105.4 %

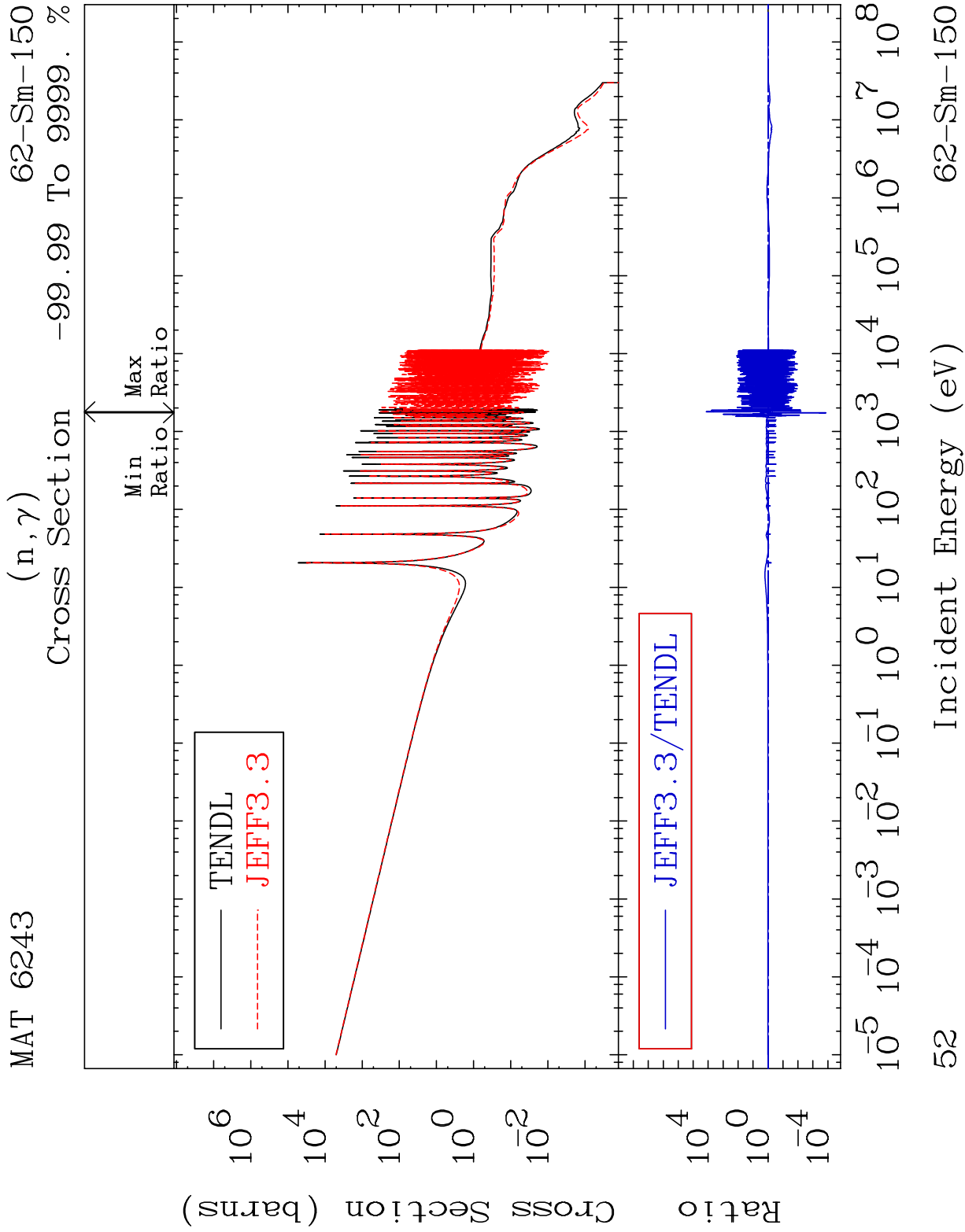


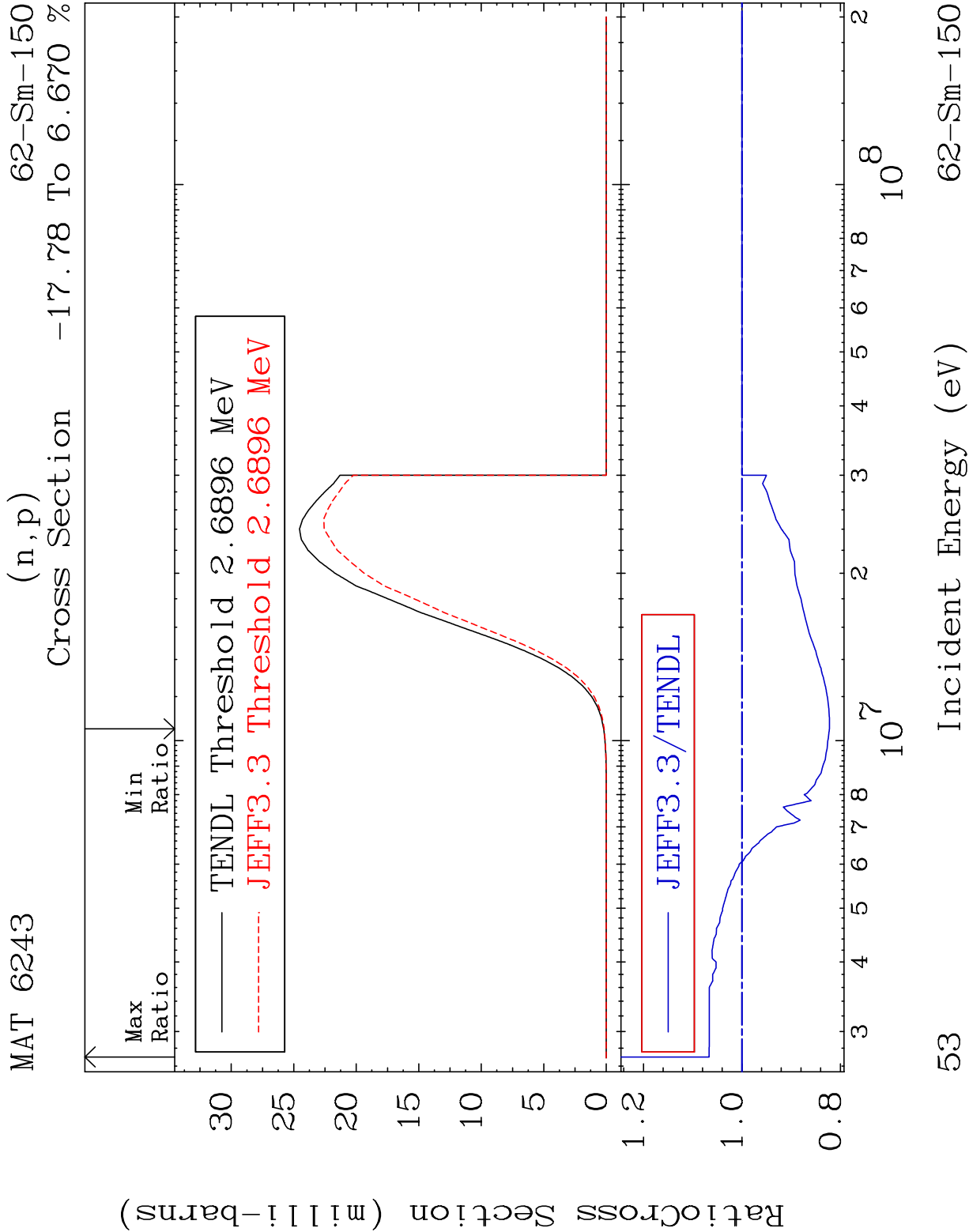
MAT 6243 MT= 79 (n,n') Level 62-Sm-150
Cross Section -26.06 To 72.25 %

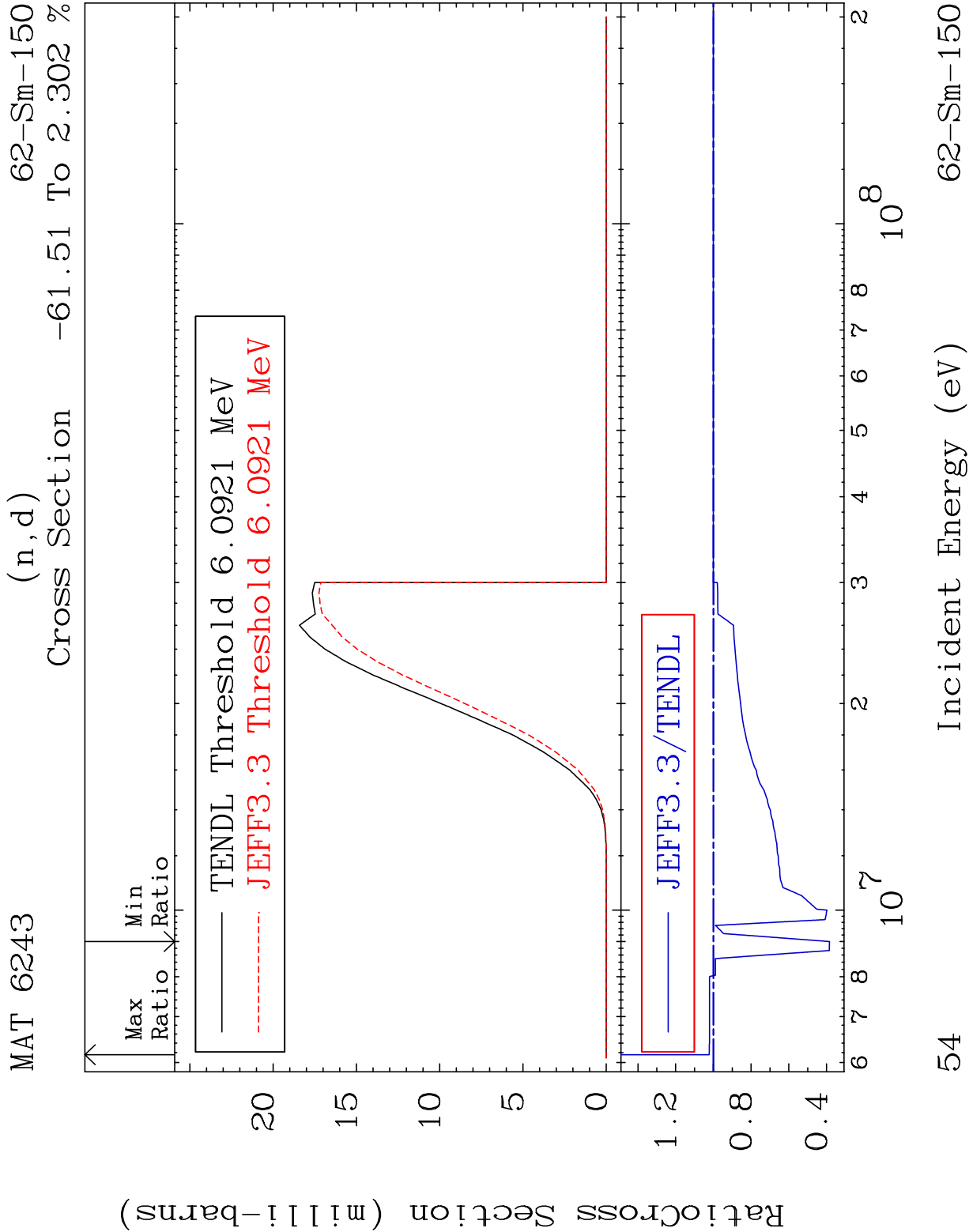


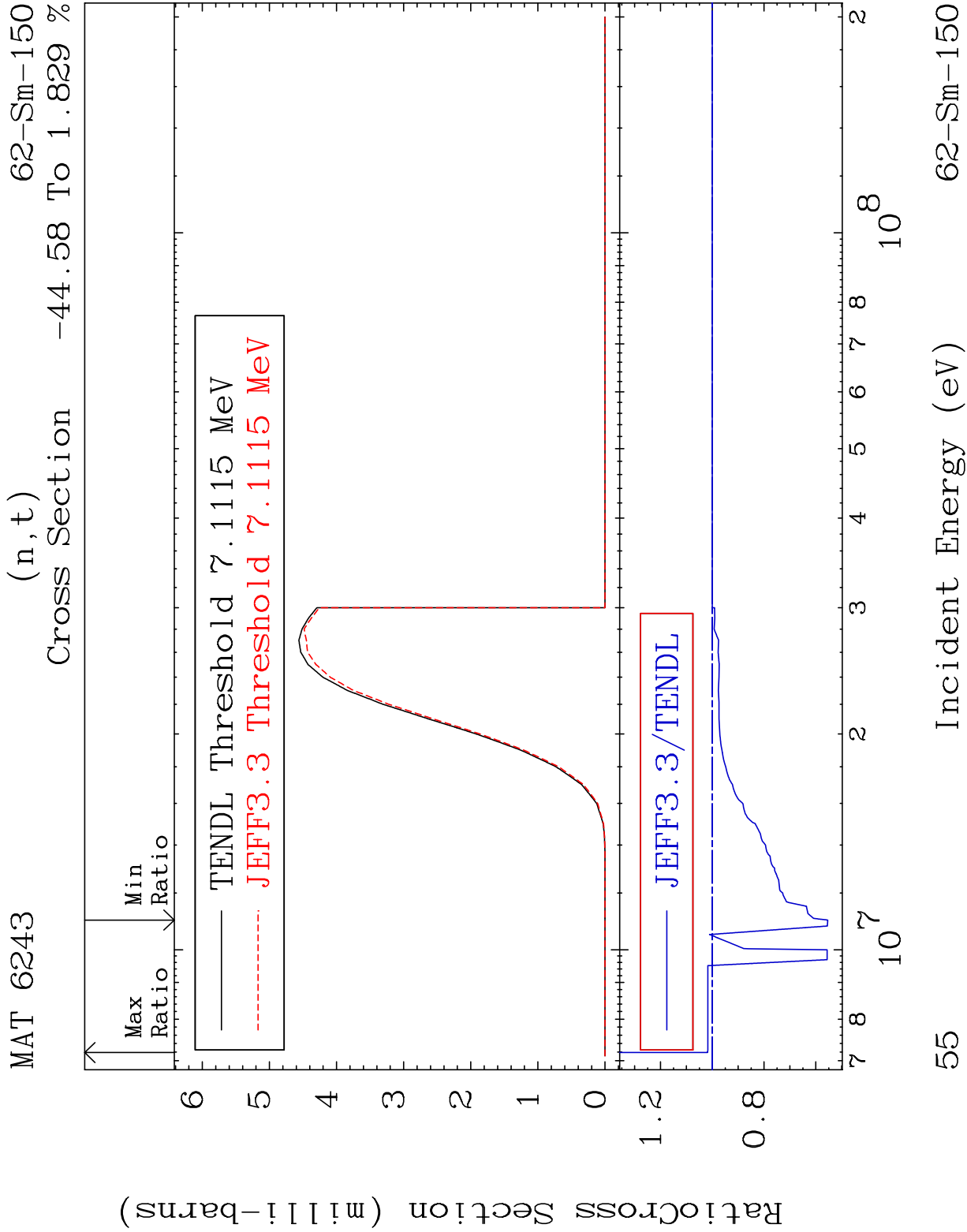


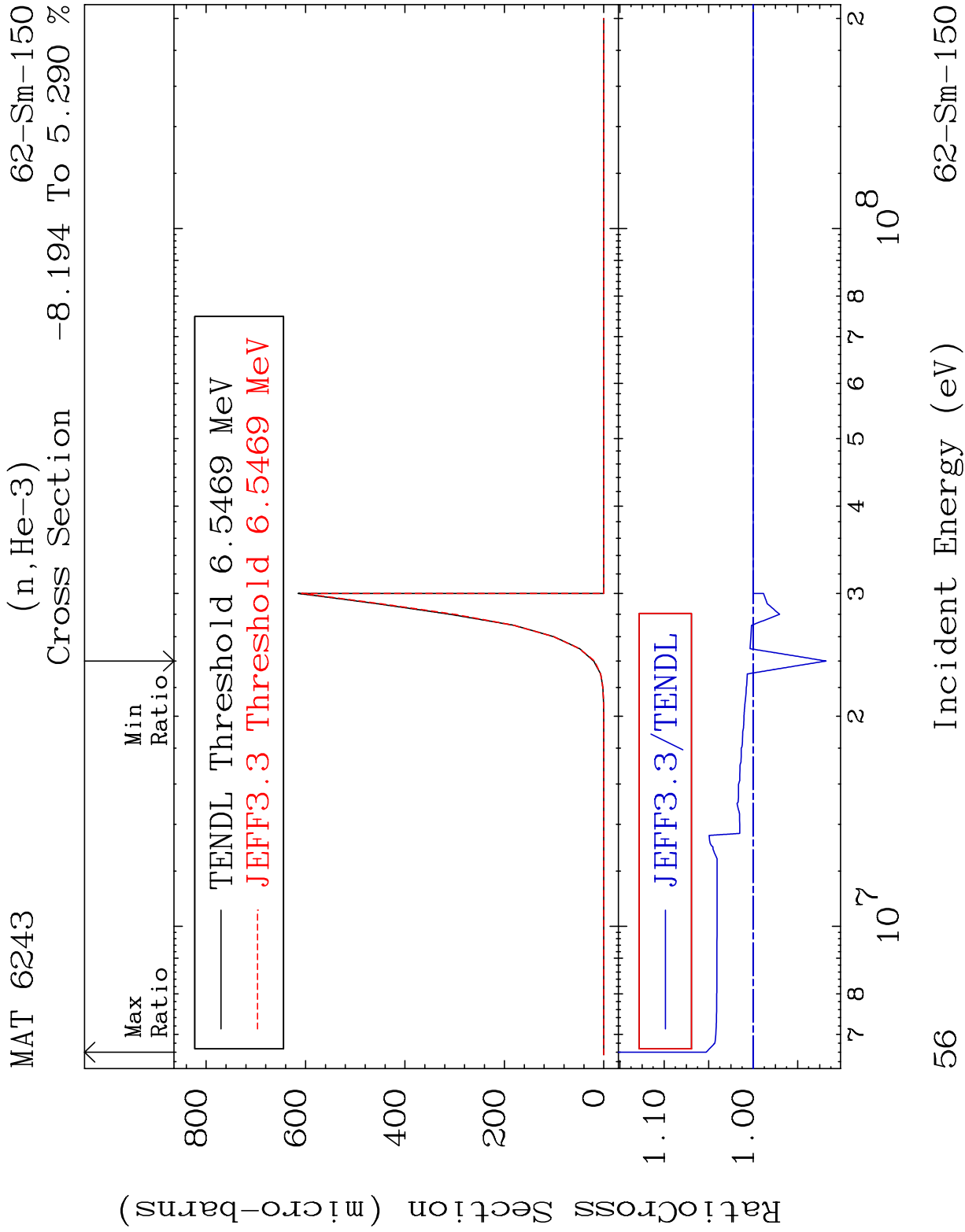


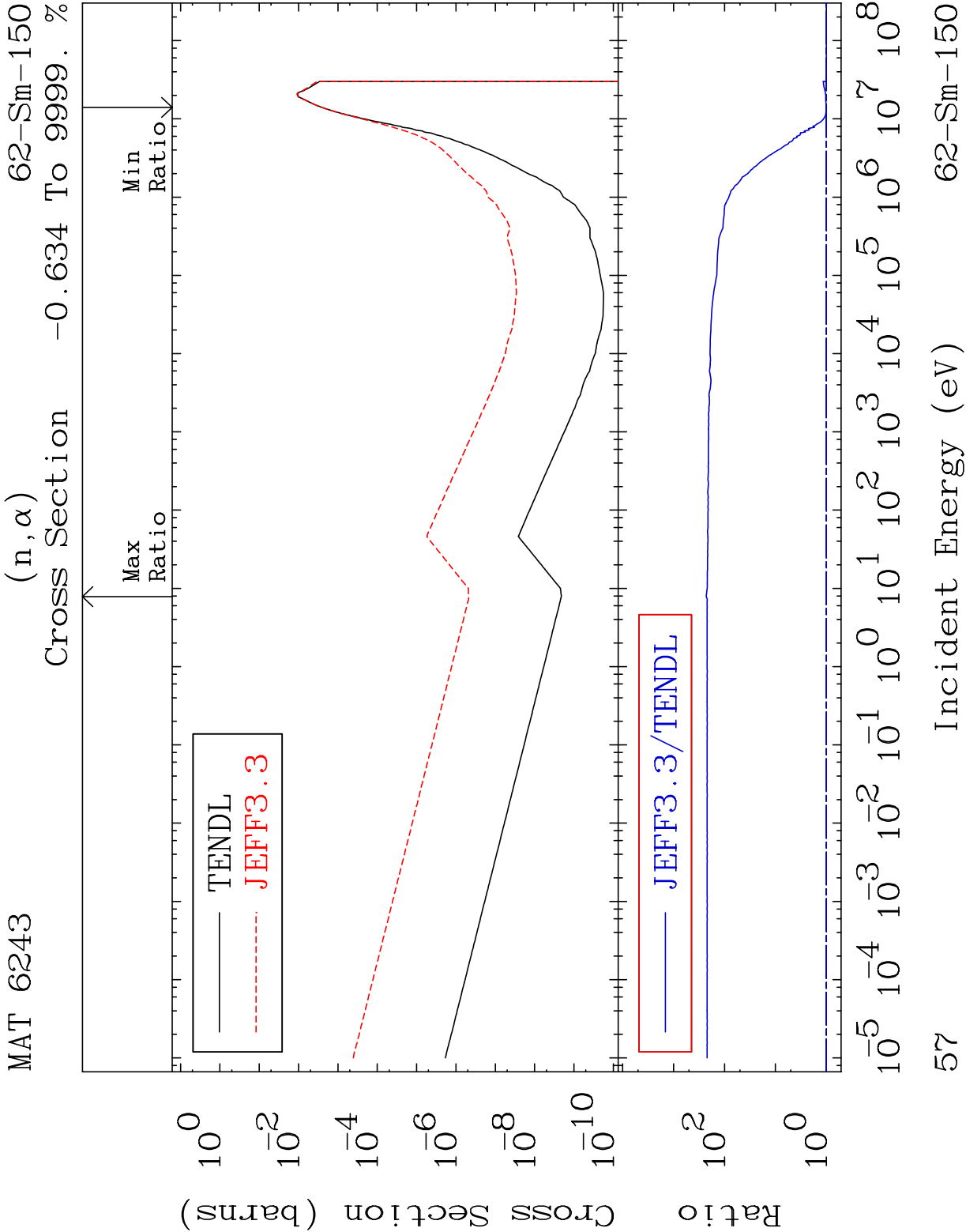


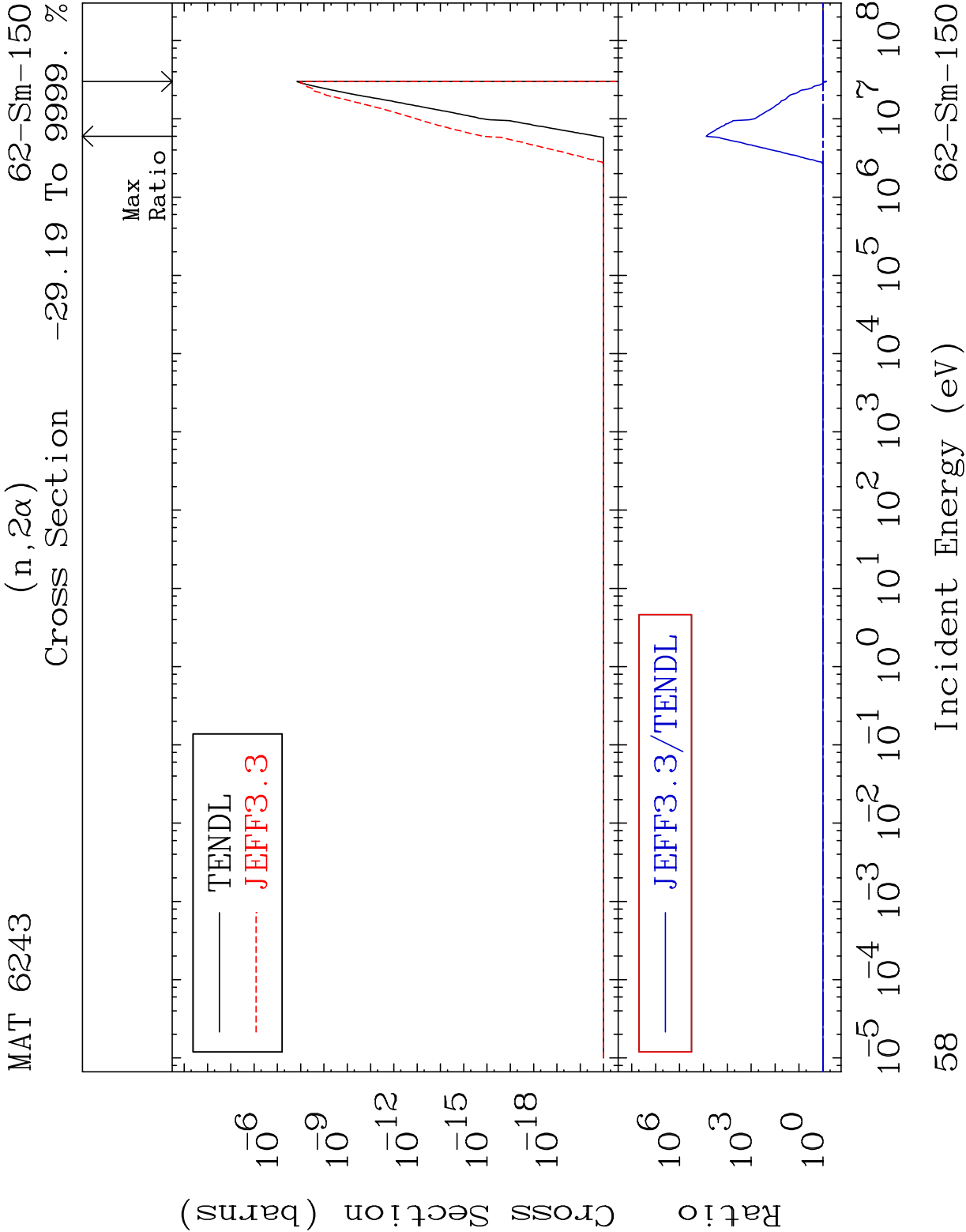


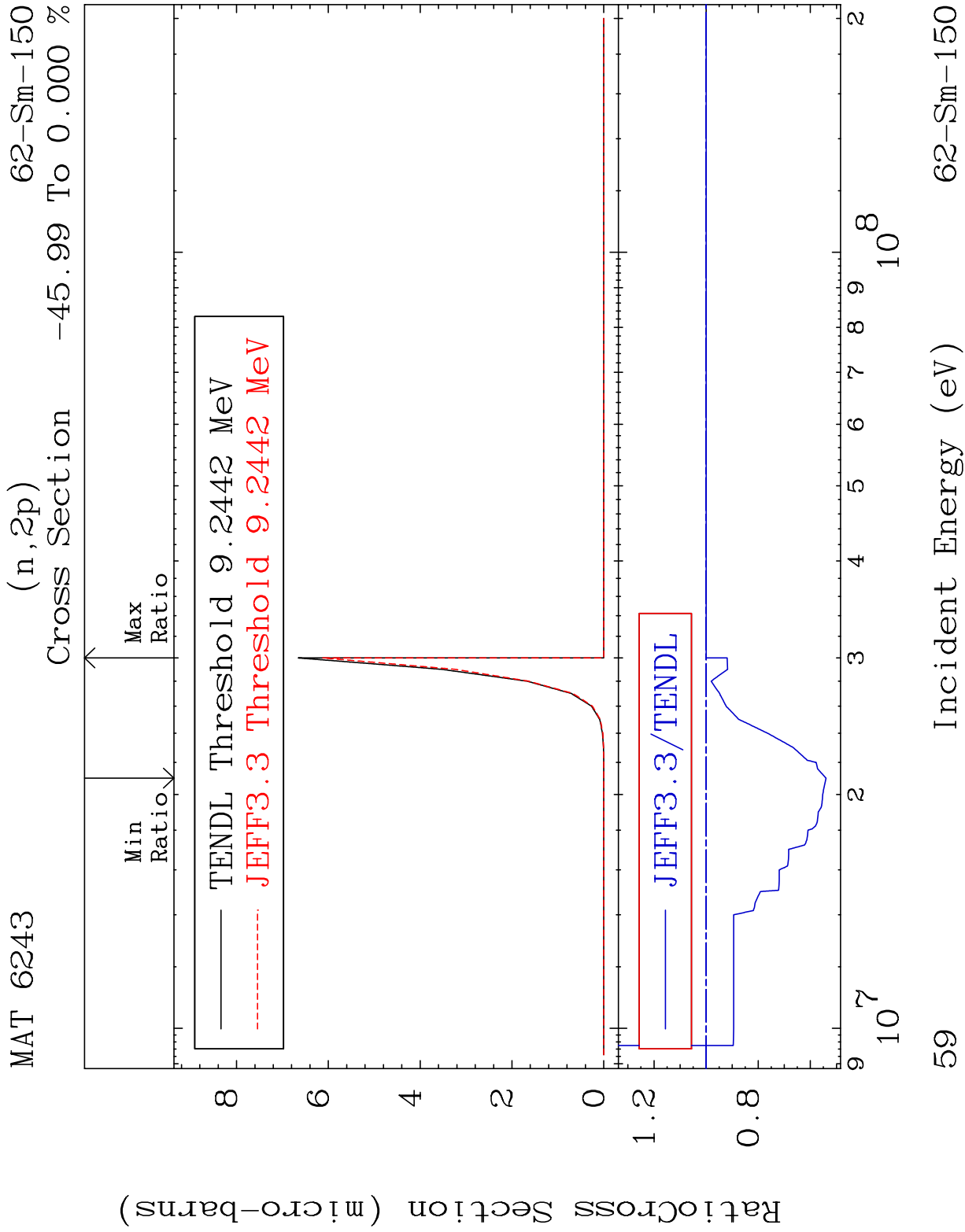


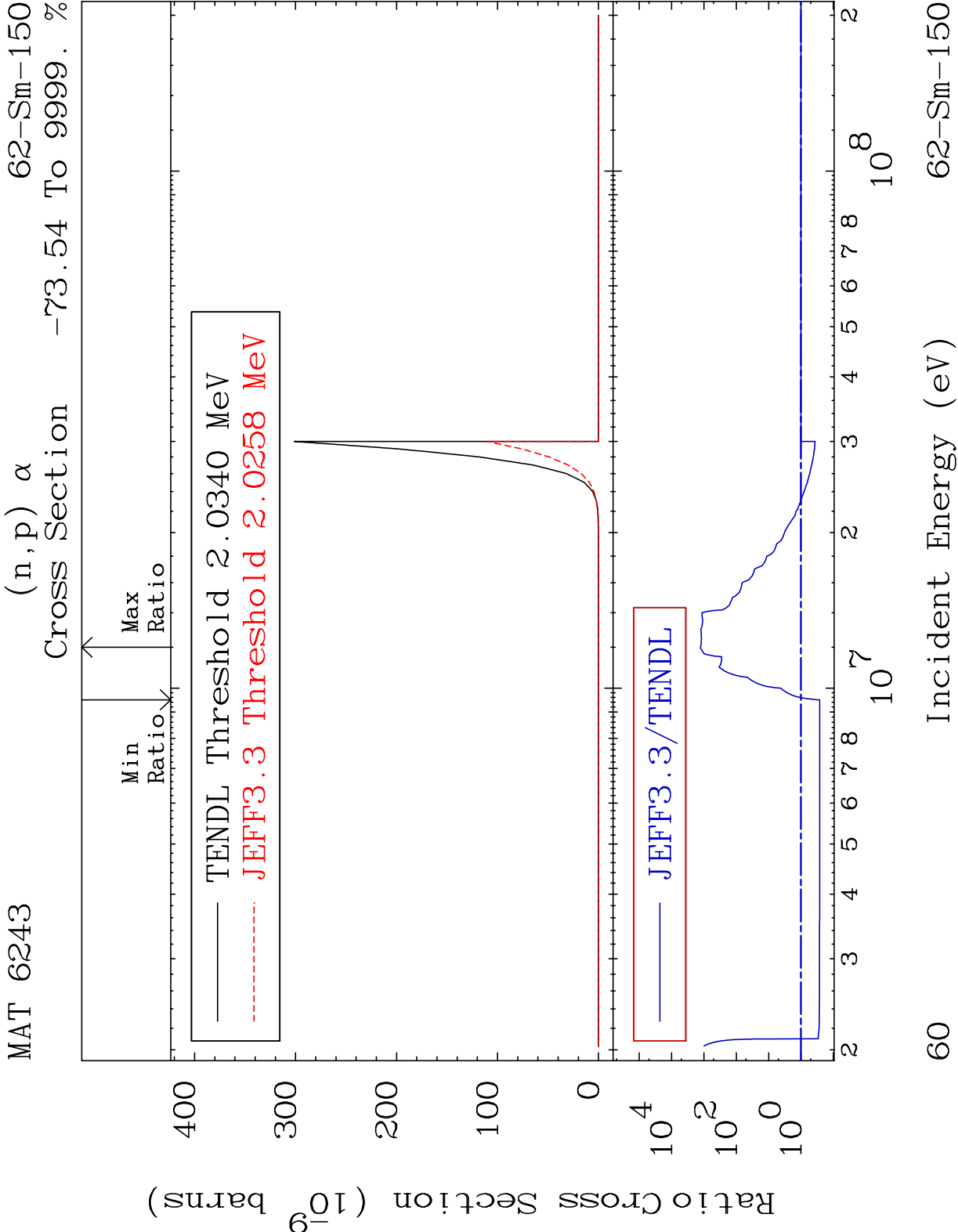


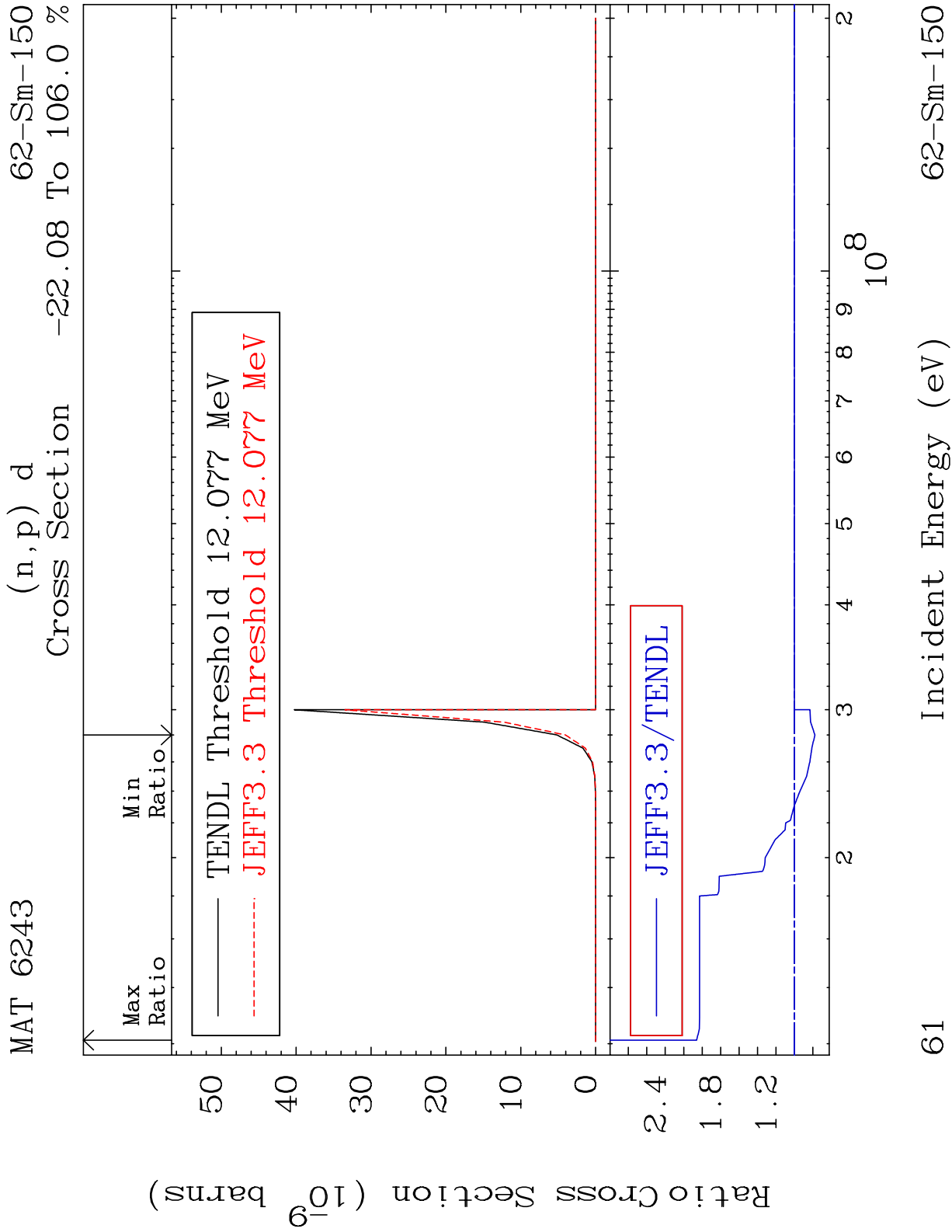


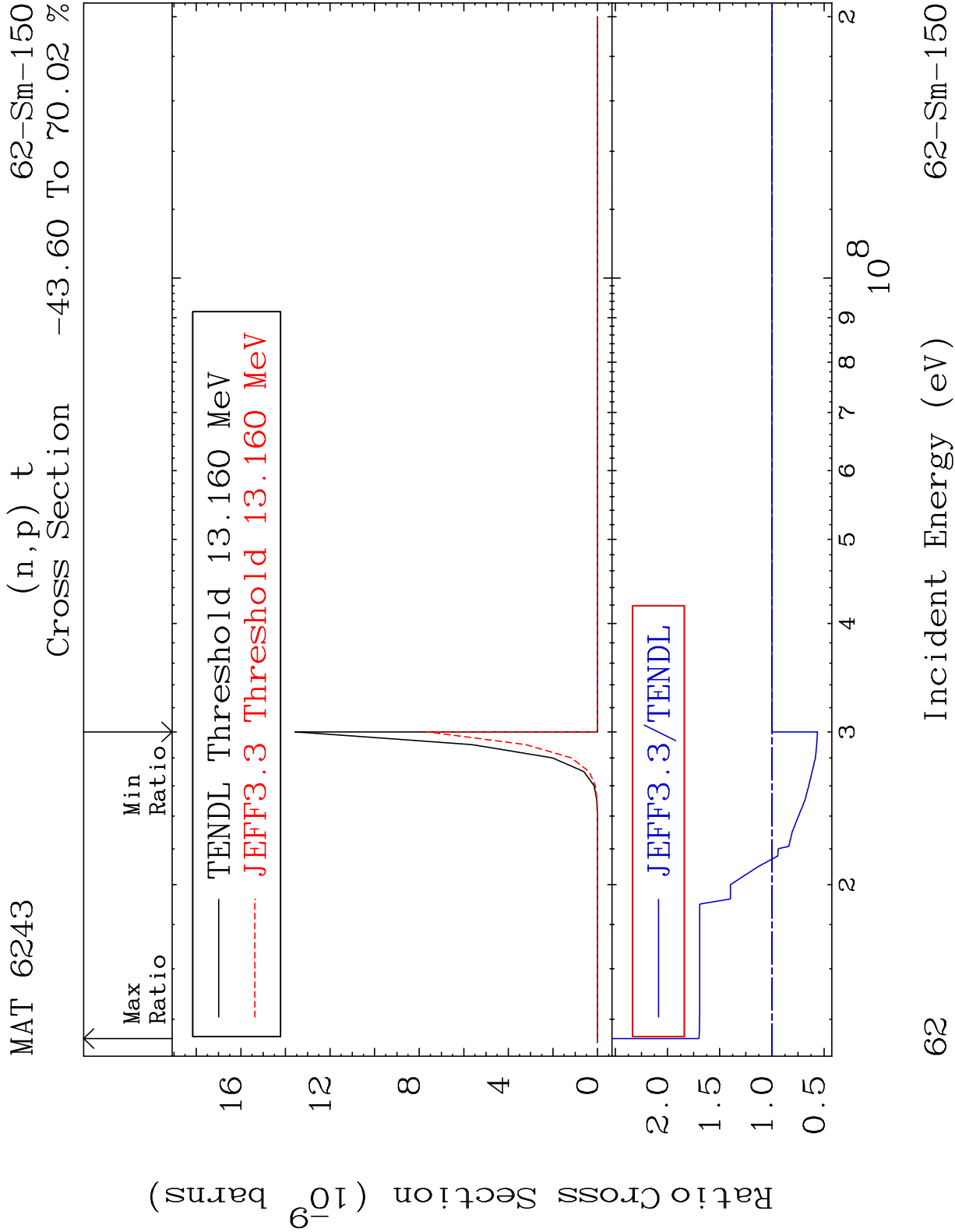


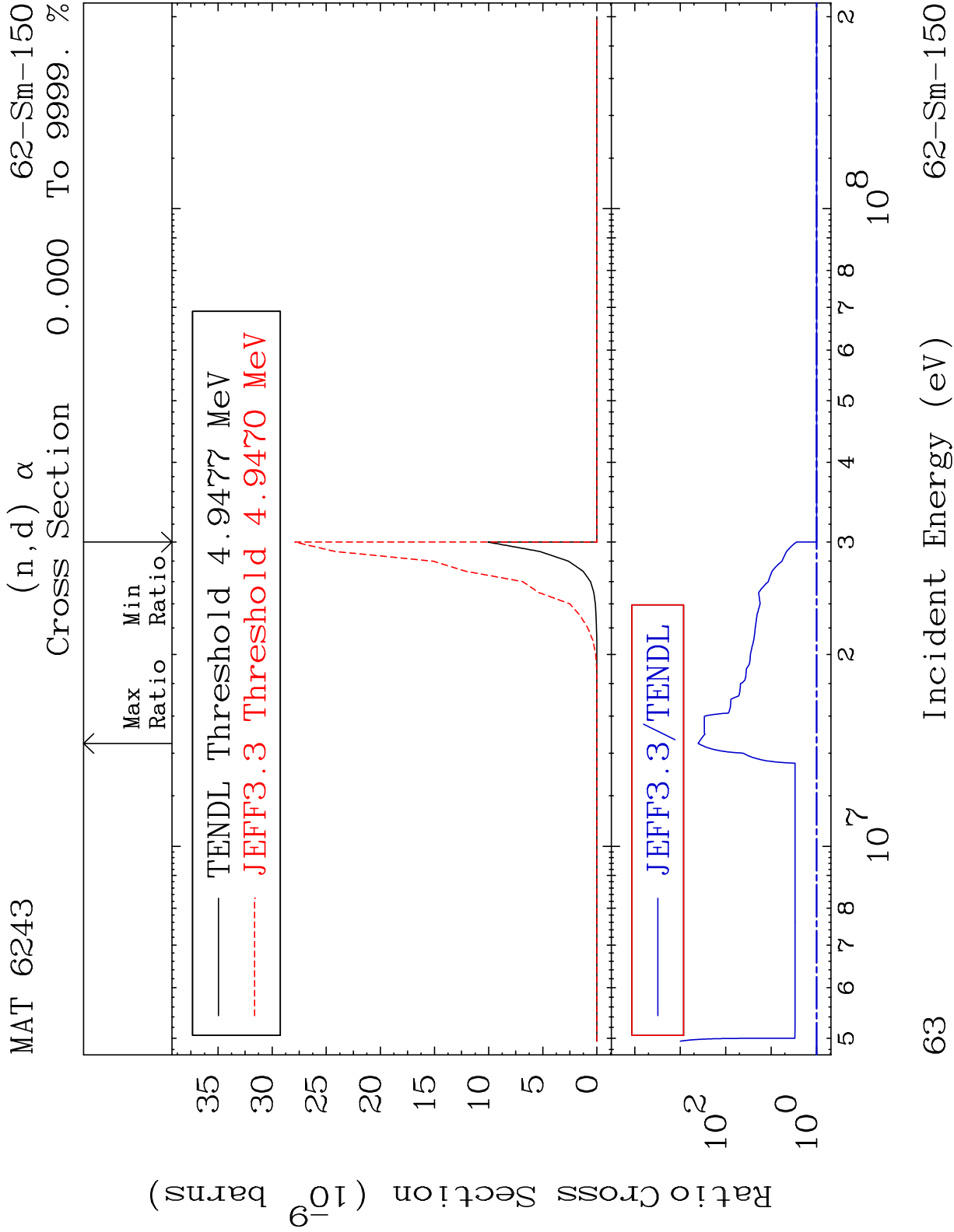


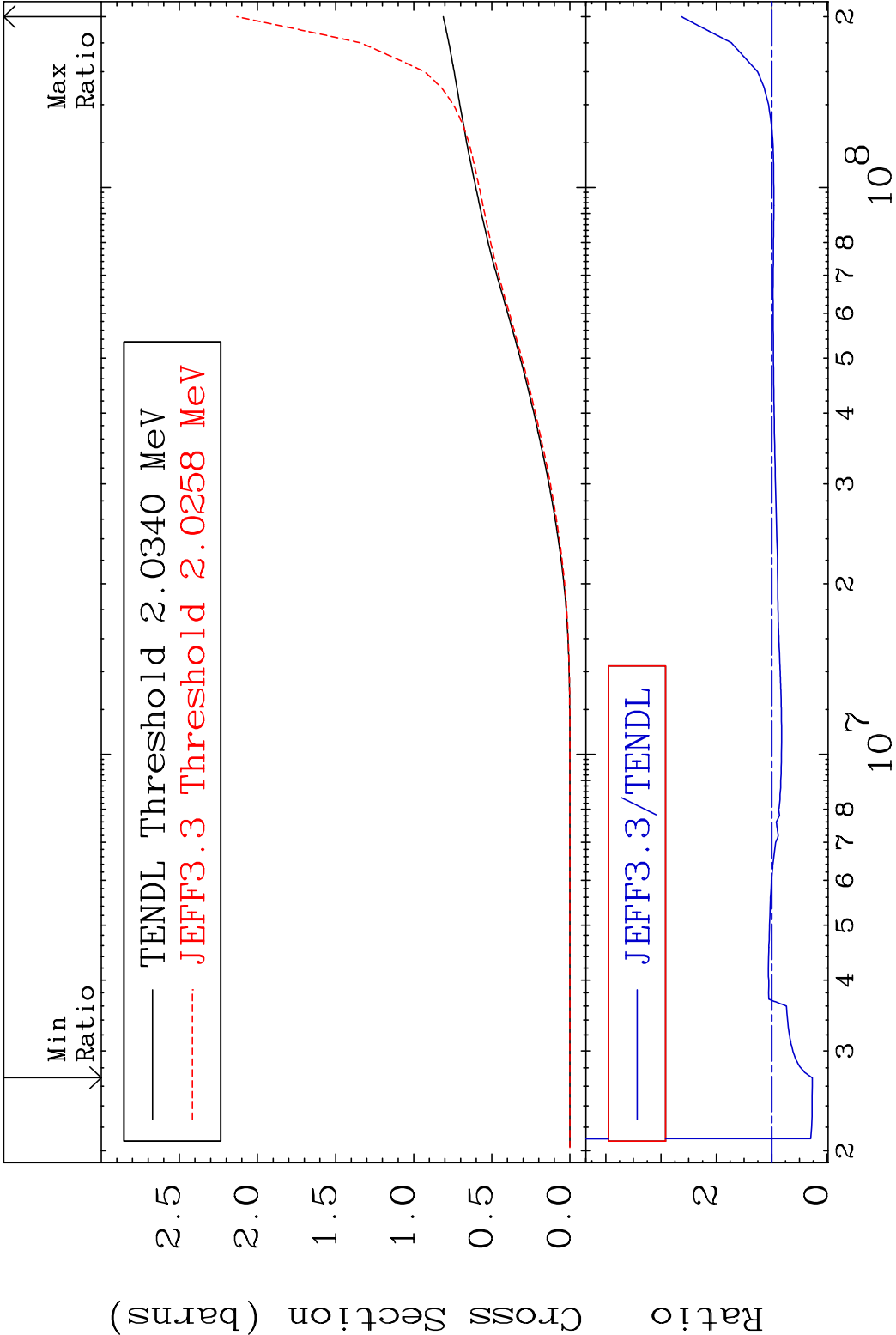












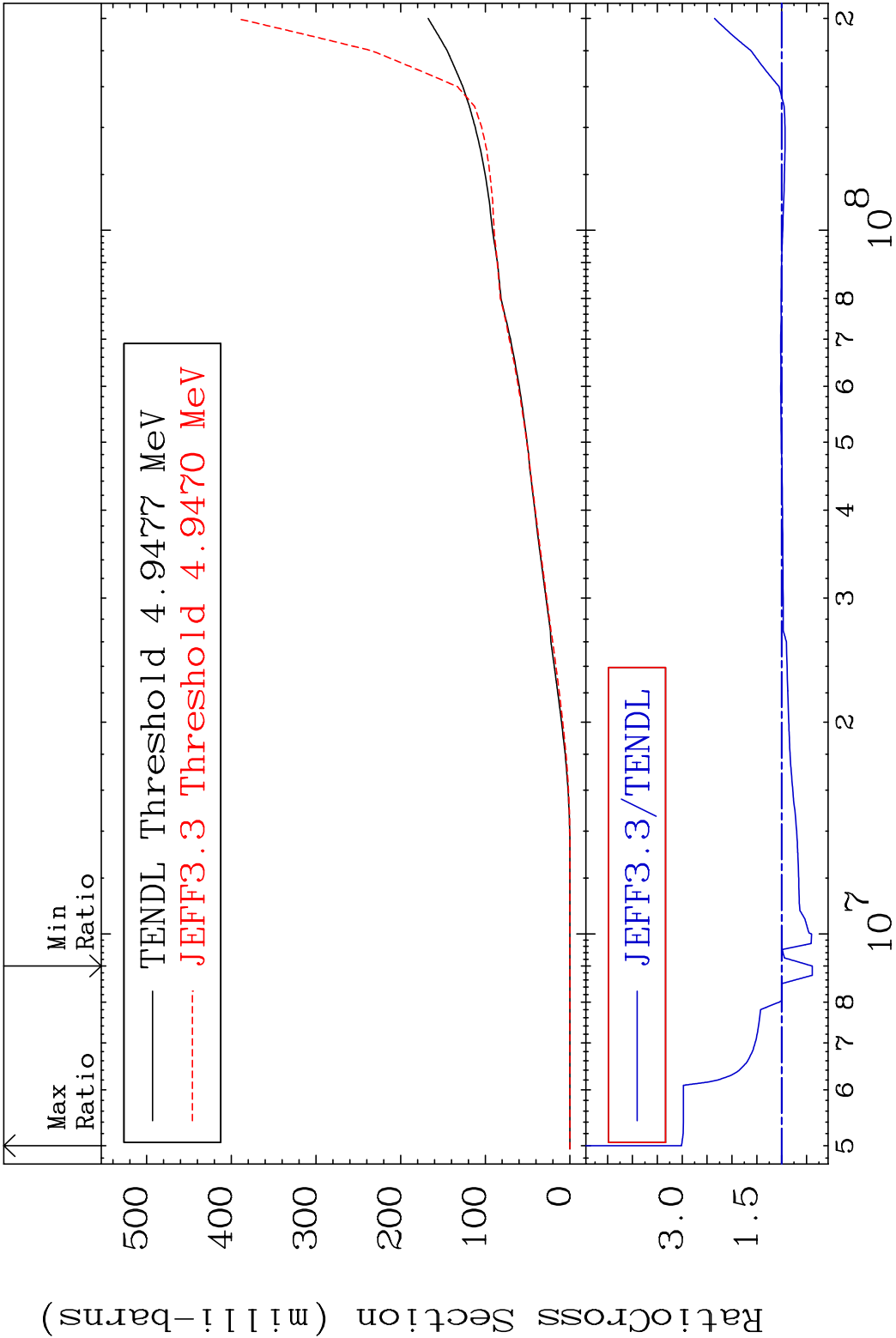
MAT 6243

Deuterium Production

62-Sm-150

Cross Section

-61.51 To 201.3 %



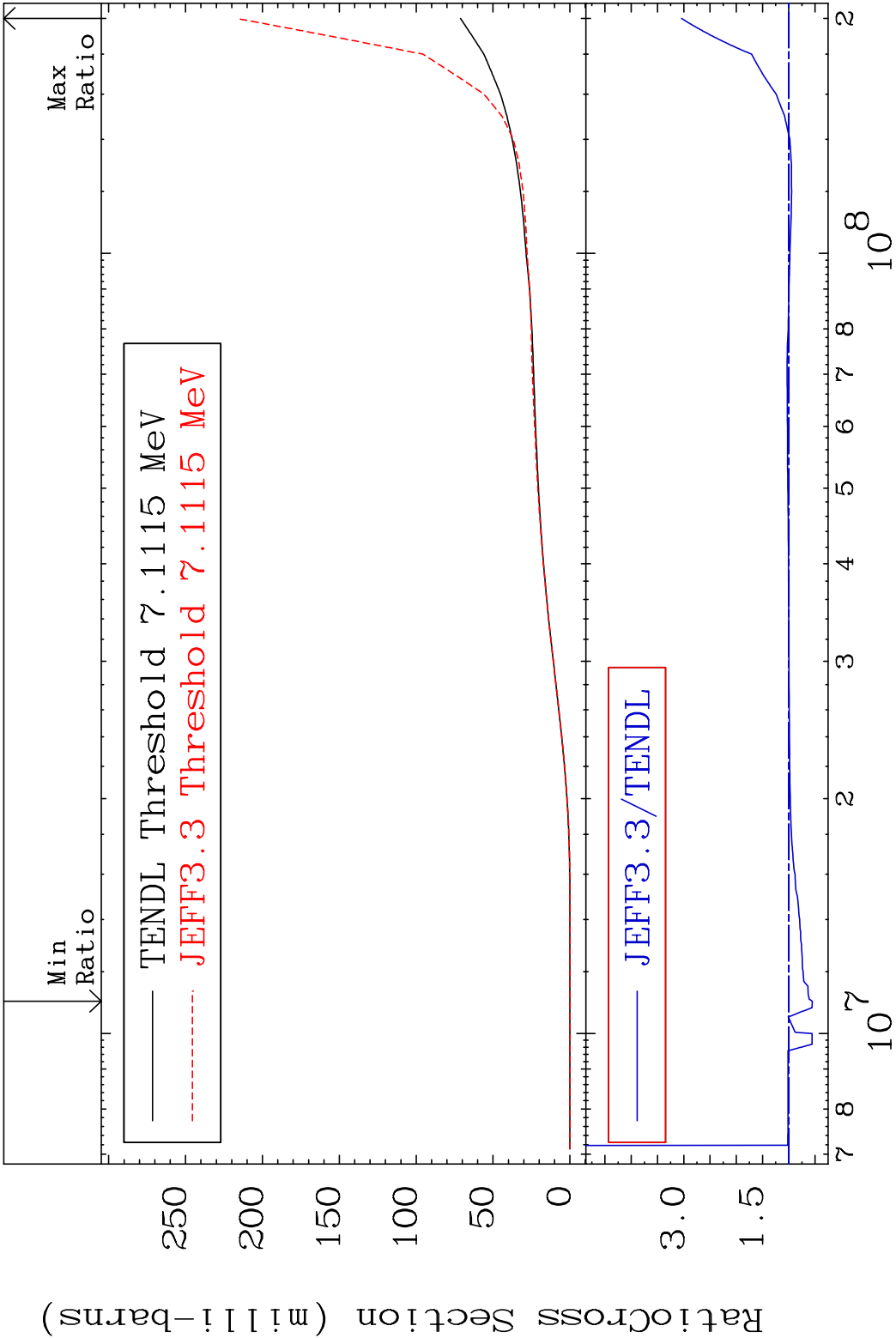
MAT 6243

Tritium Production

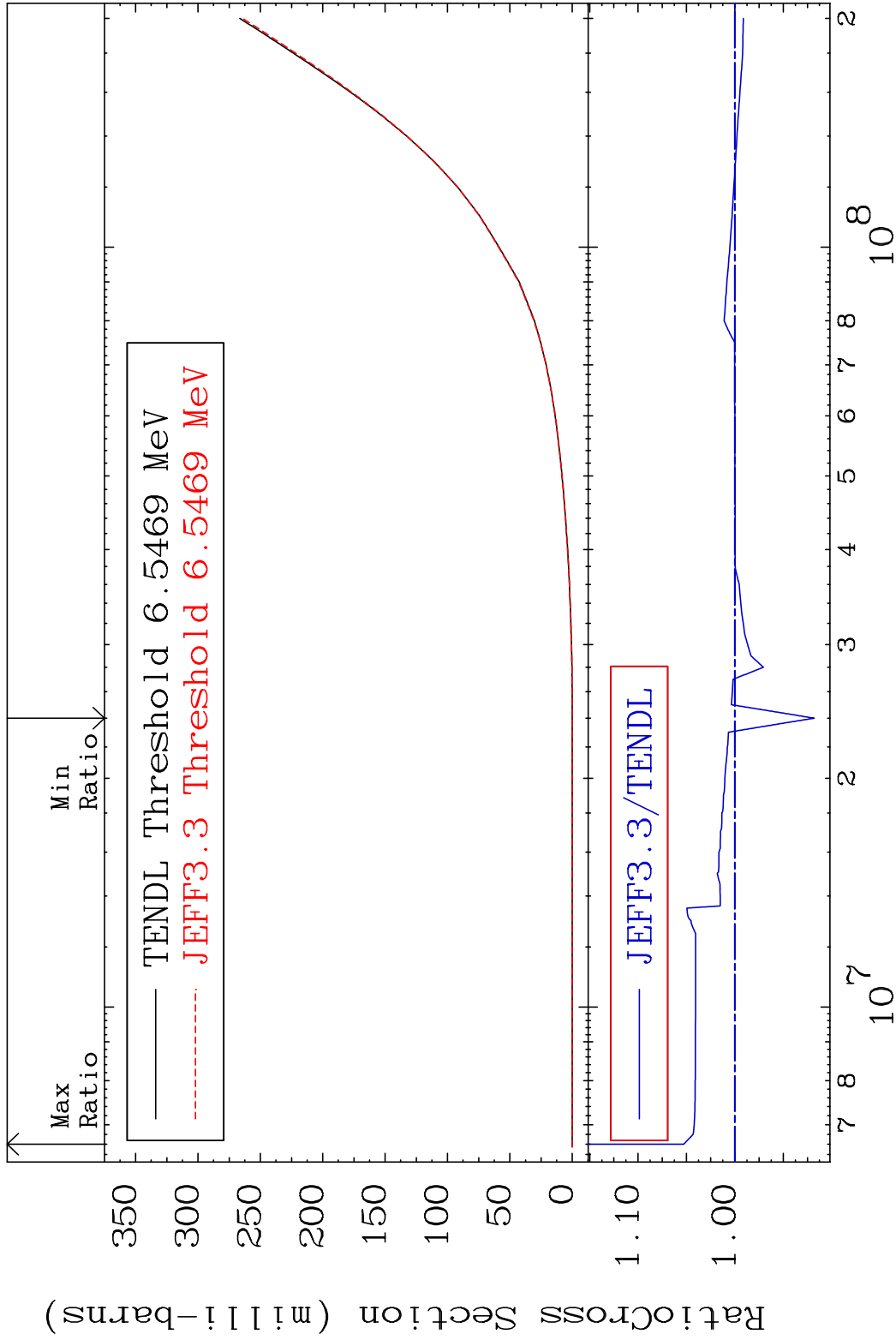
Cross Section

62-Sm-150

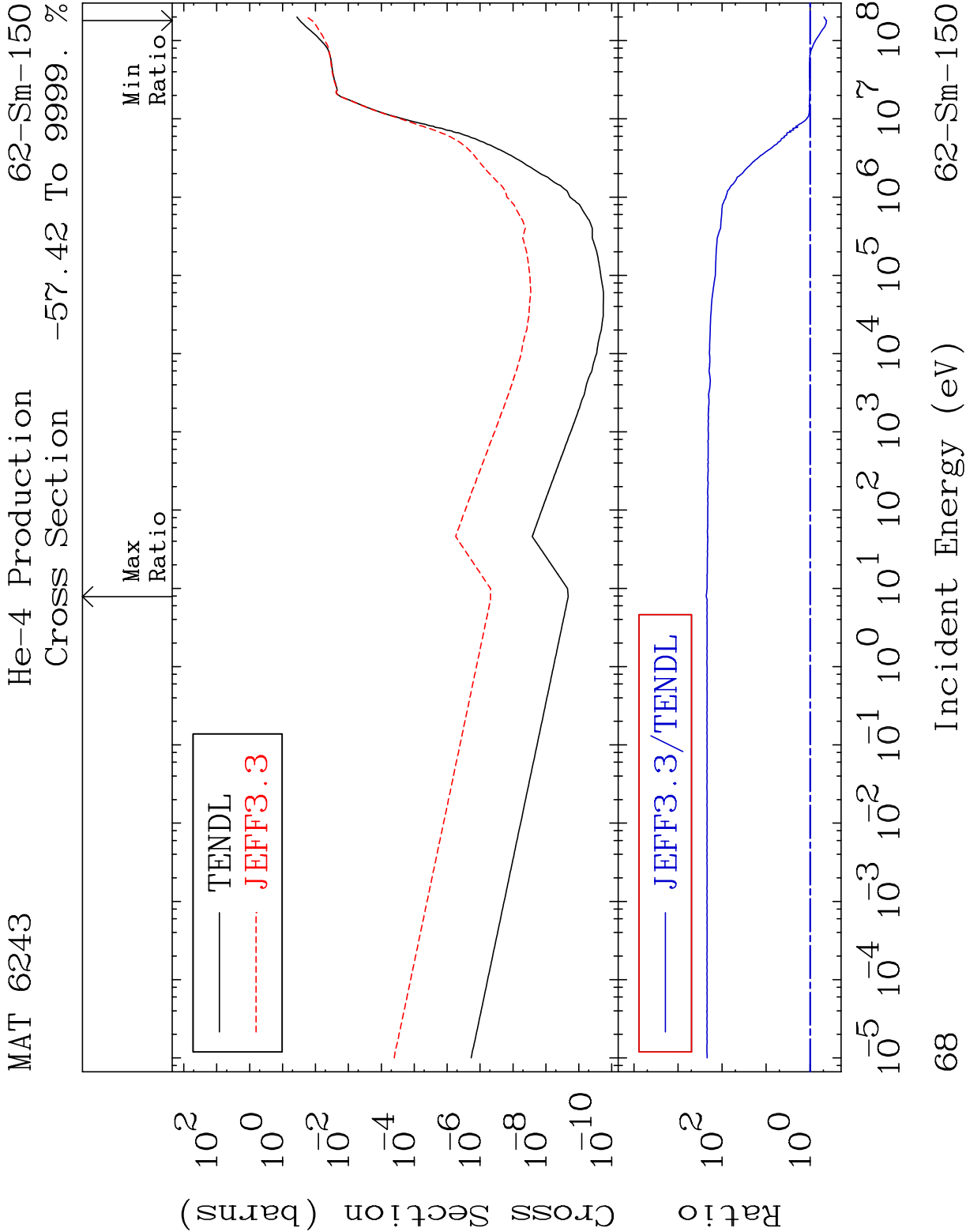
-44.58 To 204.3 %



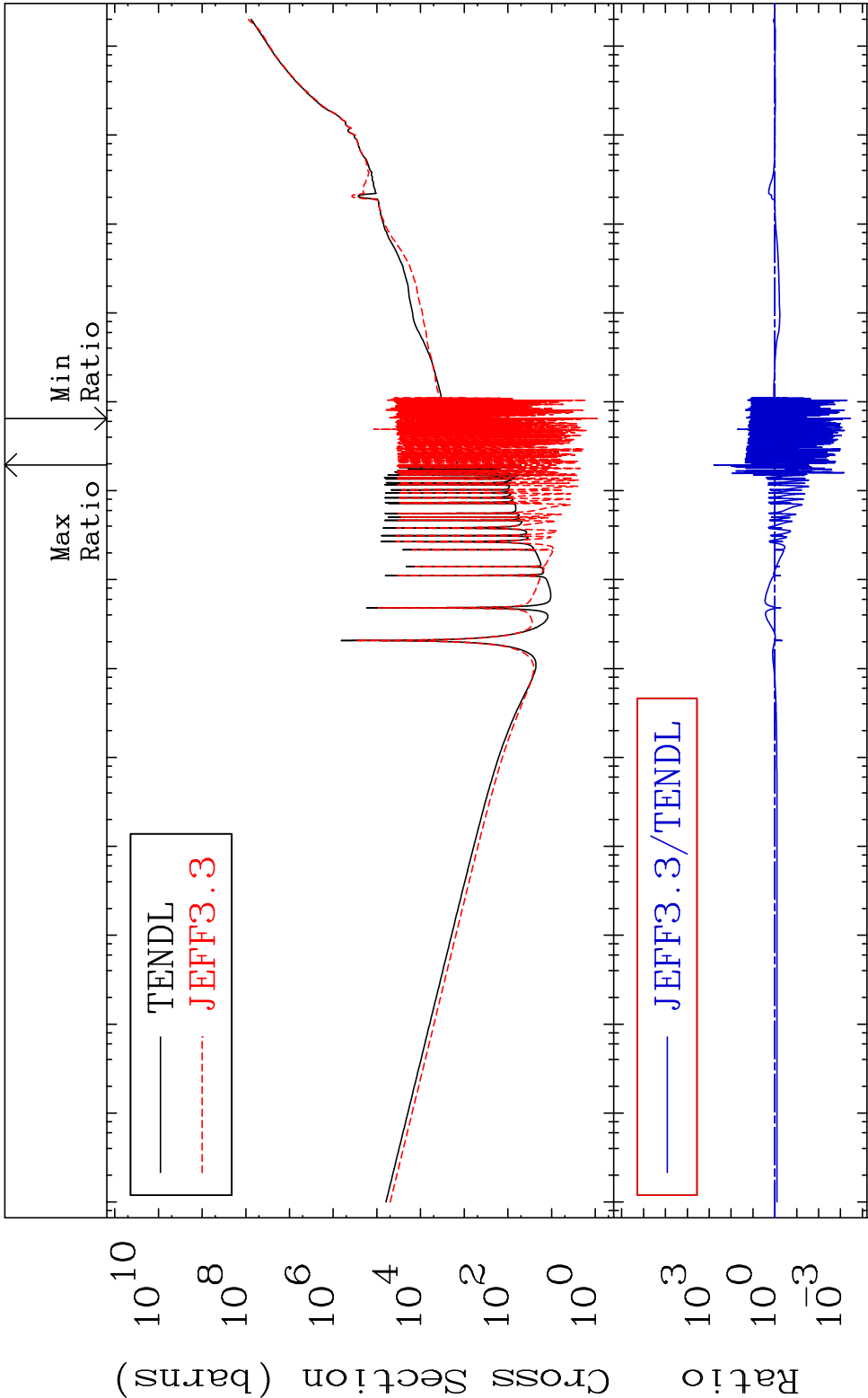
MAT 6243 He-3 Production 62-Sm-150
Cross Section -8.191 To 5.290 %

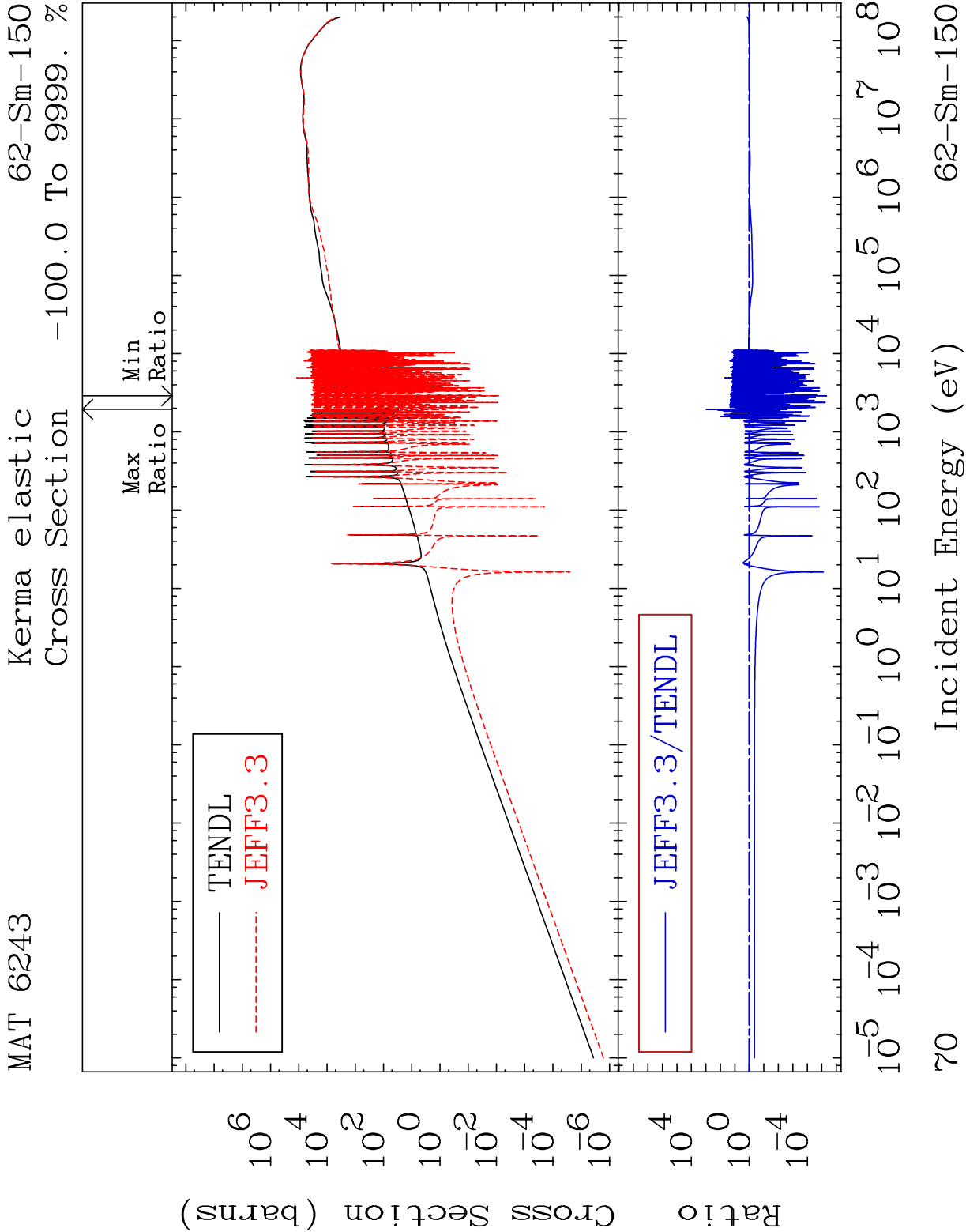


67 Incident Energy (eV) 62-Sm-150

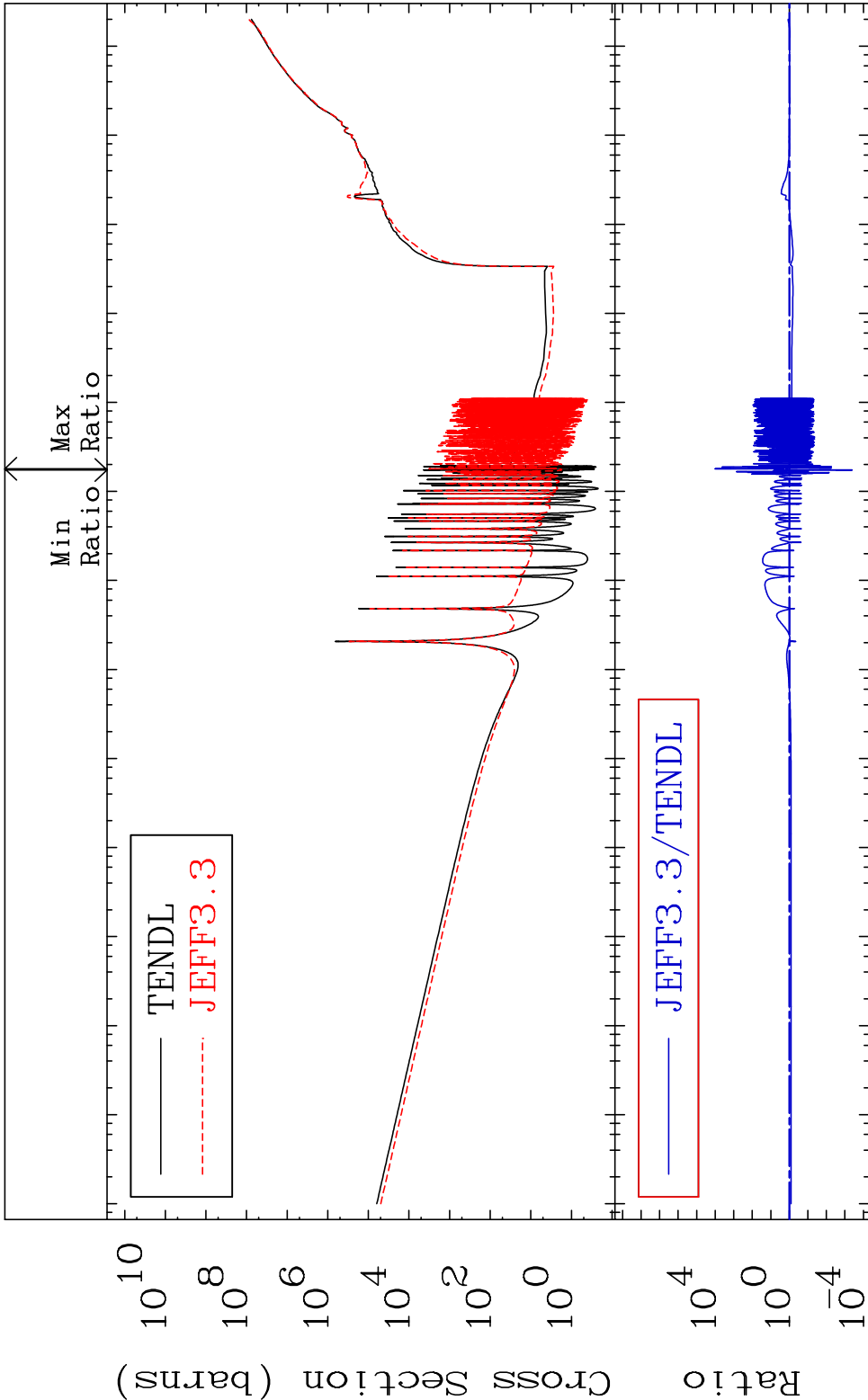


MAT 6243 Kerma total (eV-barns) 62-Sm-150
Cross Section -99.96 To 9999. %

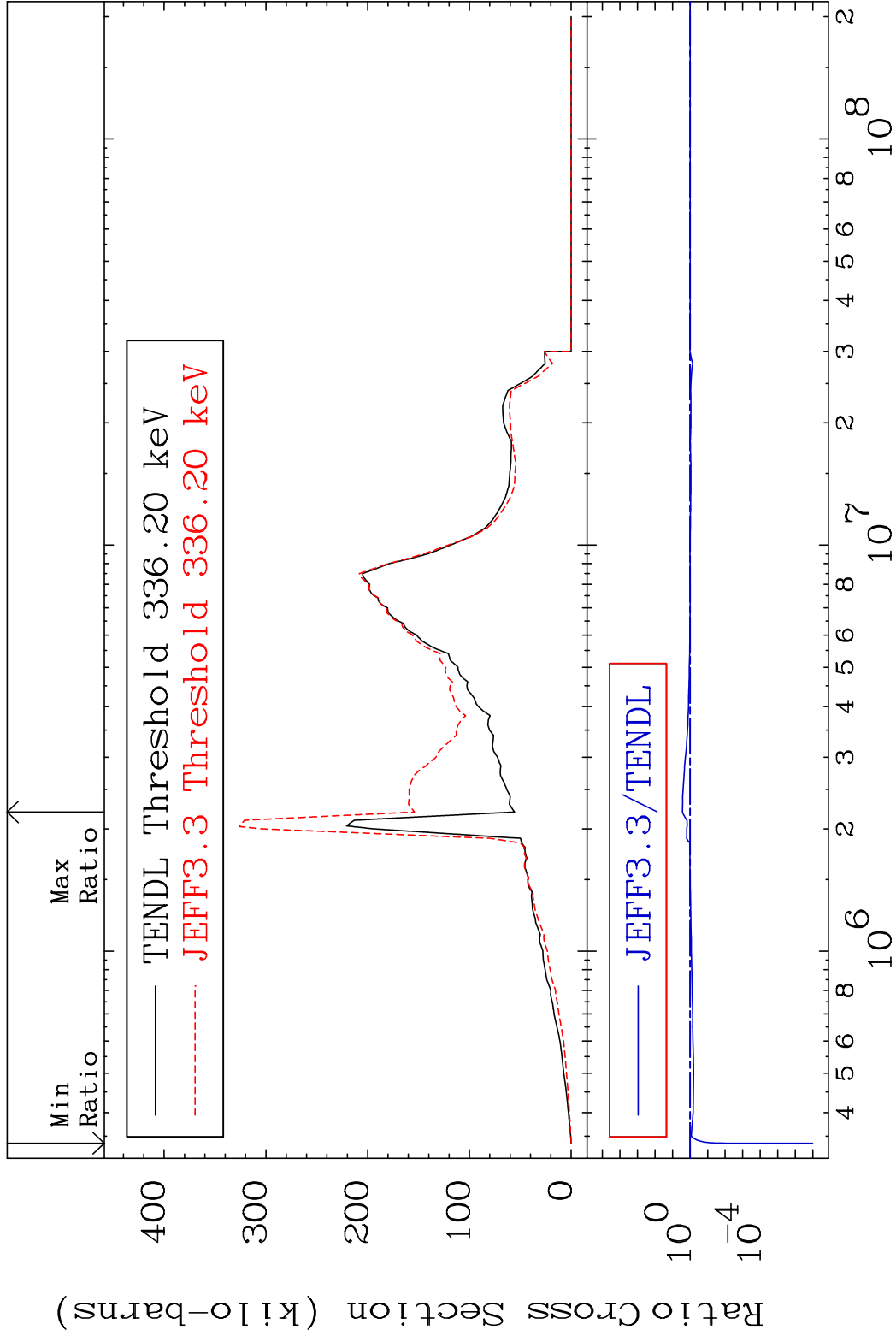




MAT 6243 Kerma non-elastic (all but mt2) 62-Sm-150
 Cross Section -99.96 To 9999. %

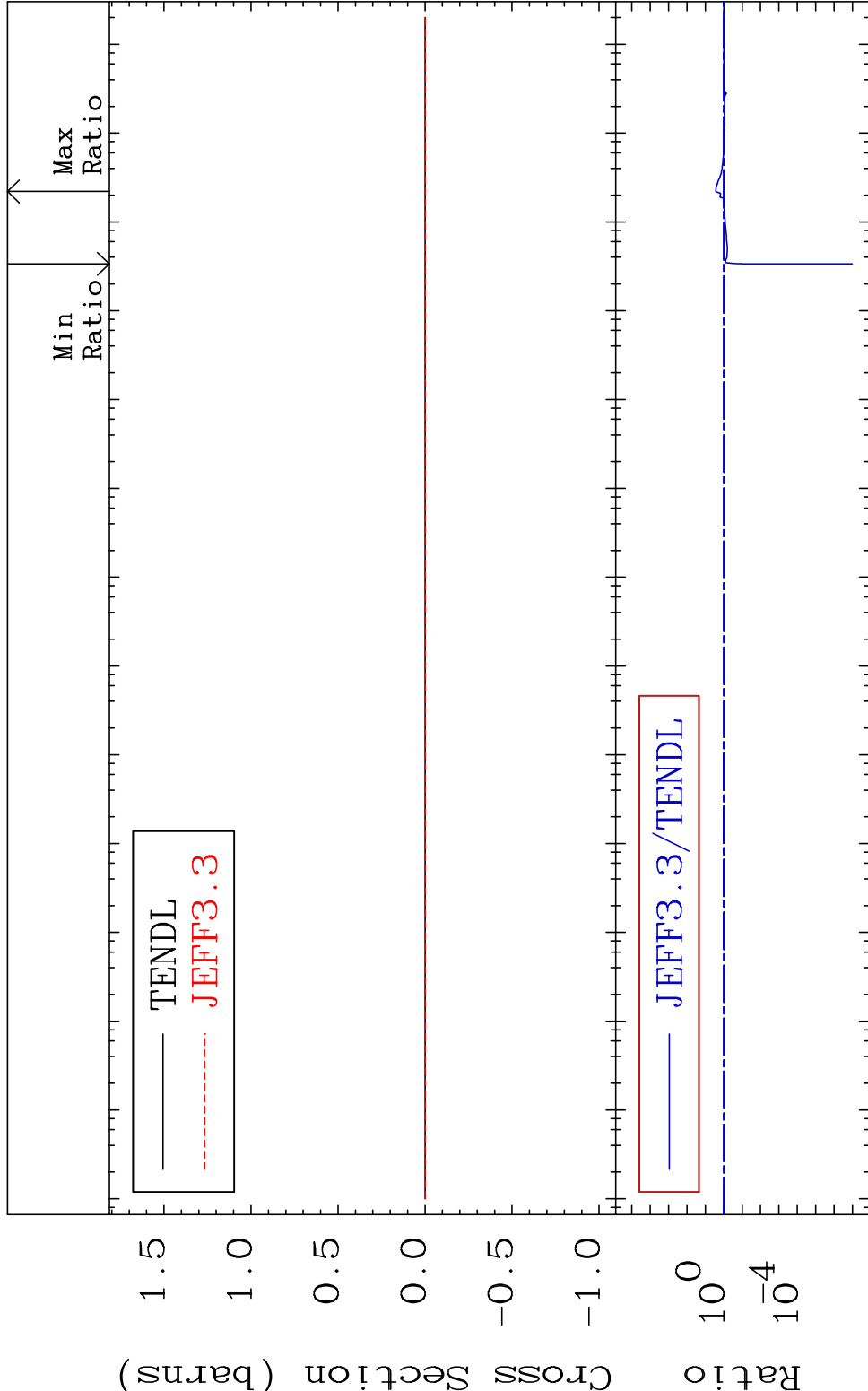


71 Incident Energy (eV) 62-Sm-150



MAT 6243Kerma fission (mt18 or mt19-20-21-38)62-Sm-150

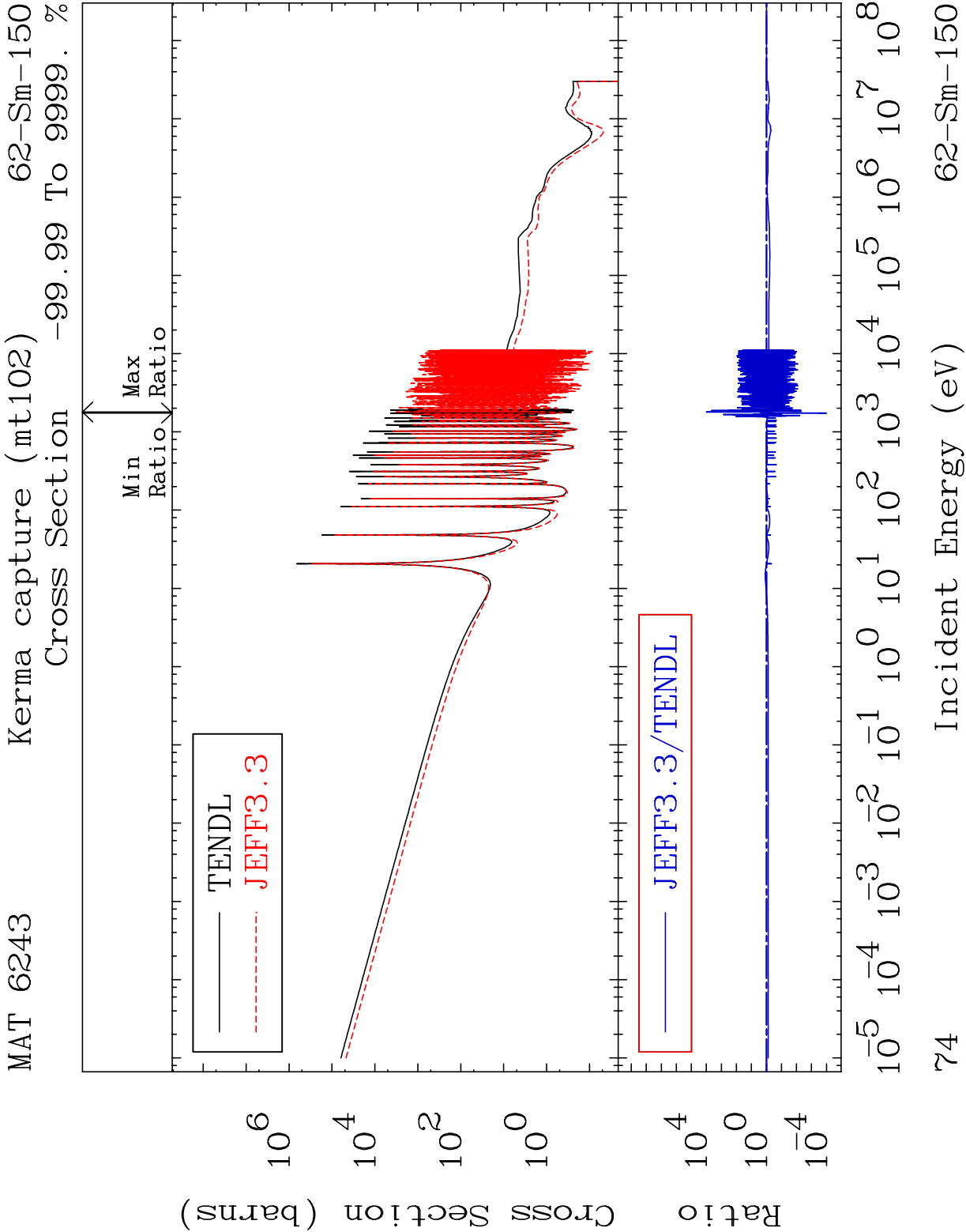
Cross Section -100.0 To 176.1 %

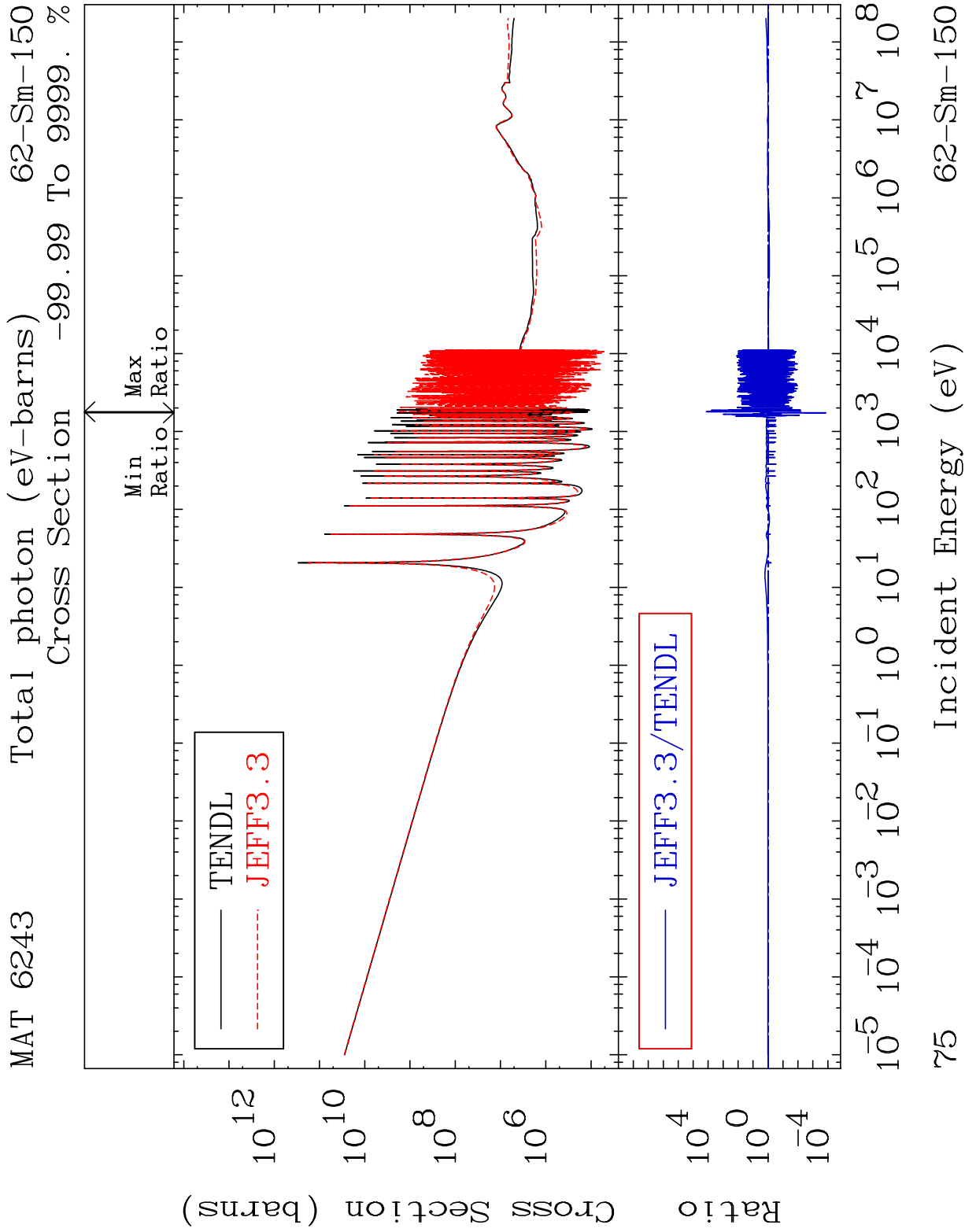


73

Incident Energy (eV)

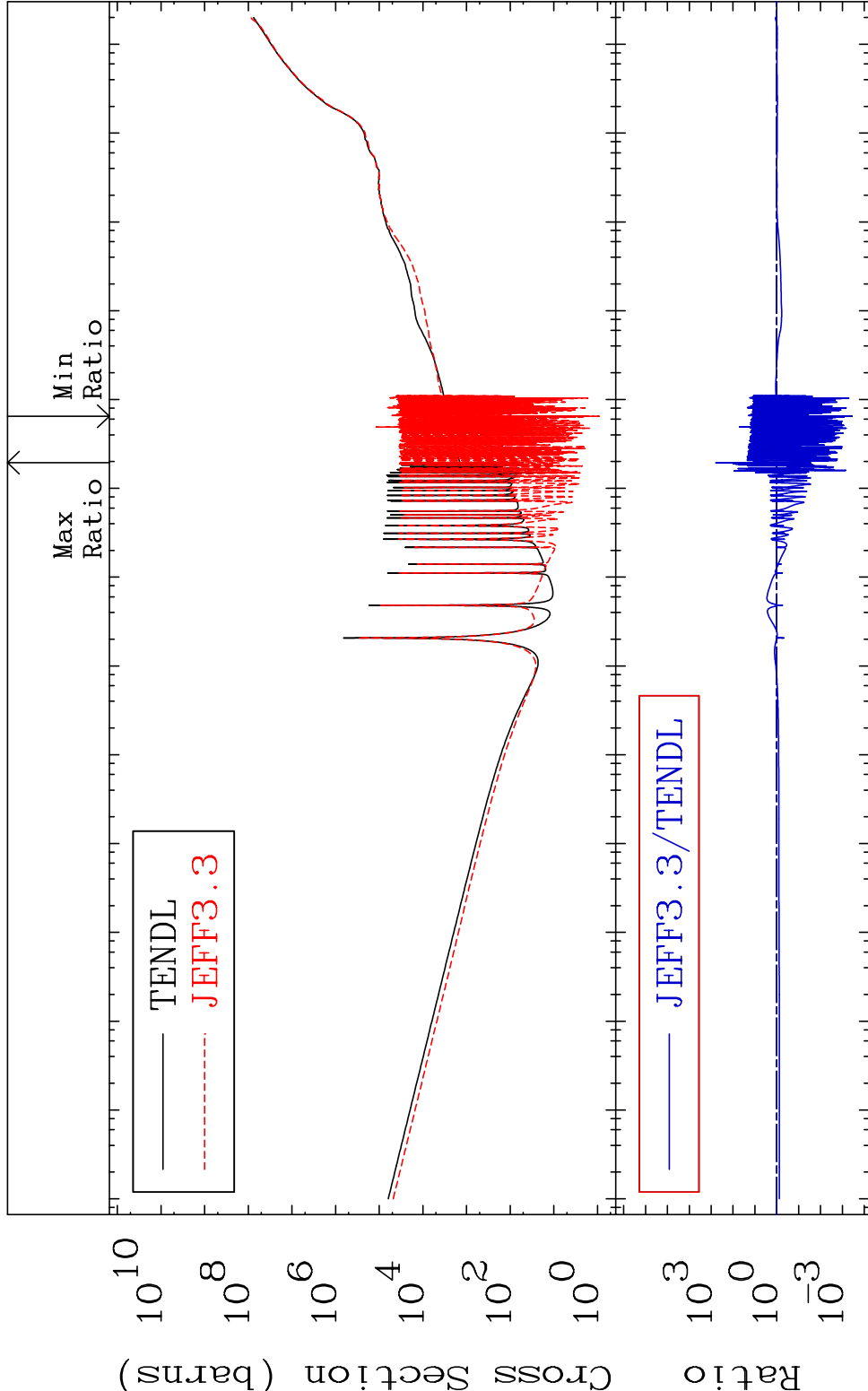
62-Sm-150



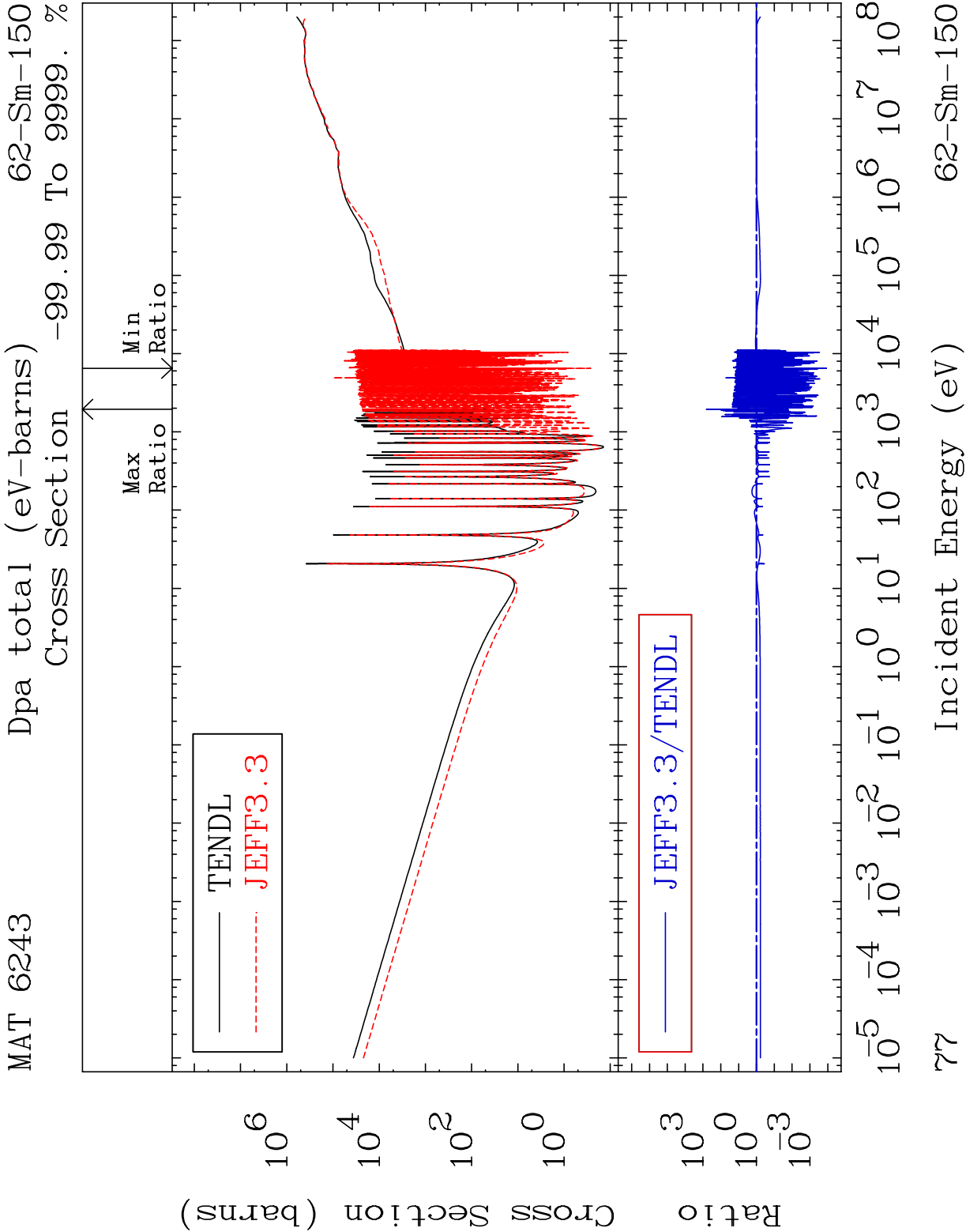


MAT 6243 Total kinematic kerma (high limit) 62-Sm-150

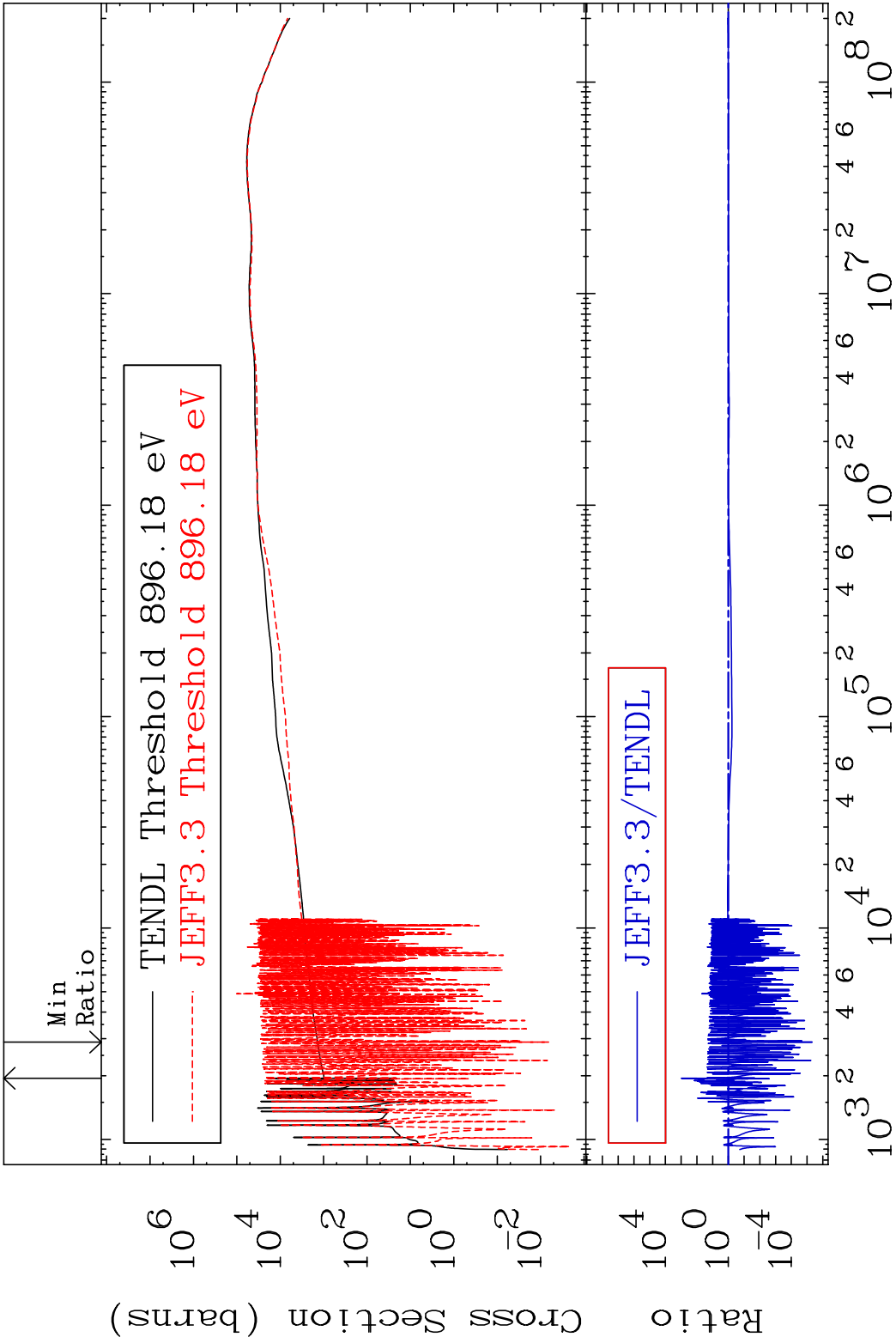
Cross Section -99.96 To 9999. %



76 Incident Energy (eV) 62-Sm-150

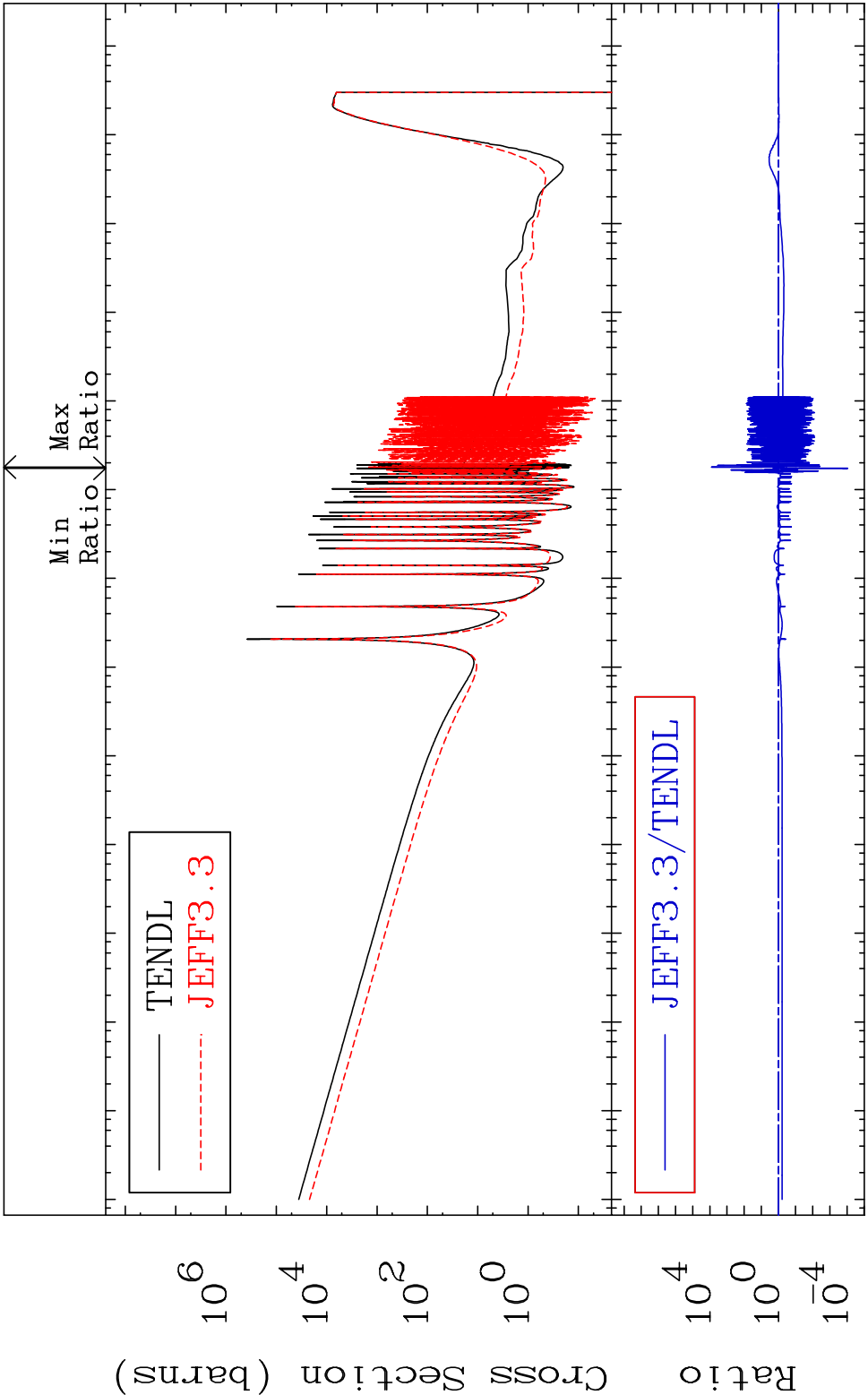


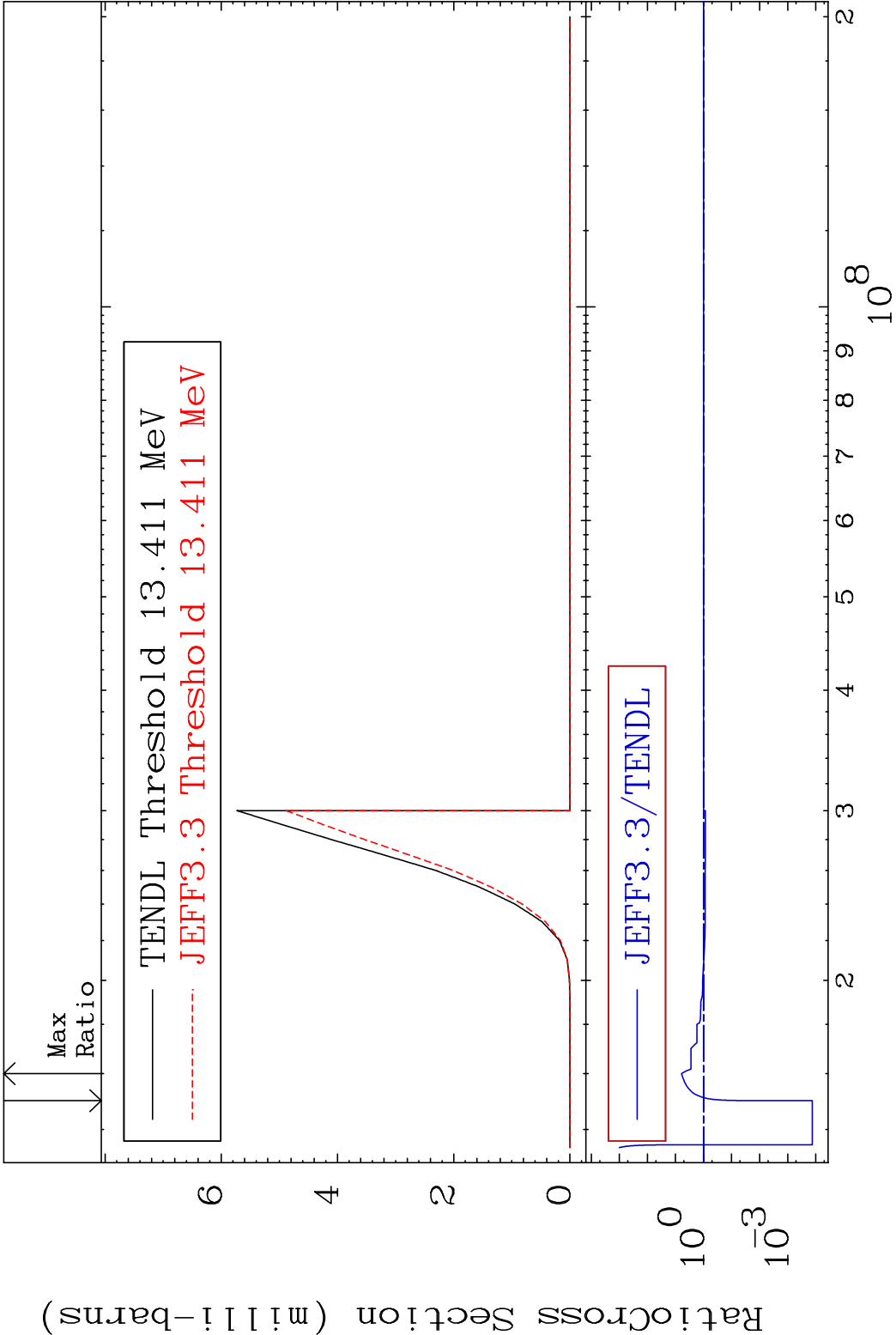
MAT 6243 Dpa elastic (mt2) 62-Sm-150
 Cross Section -100.0 To 9999. %

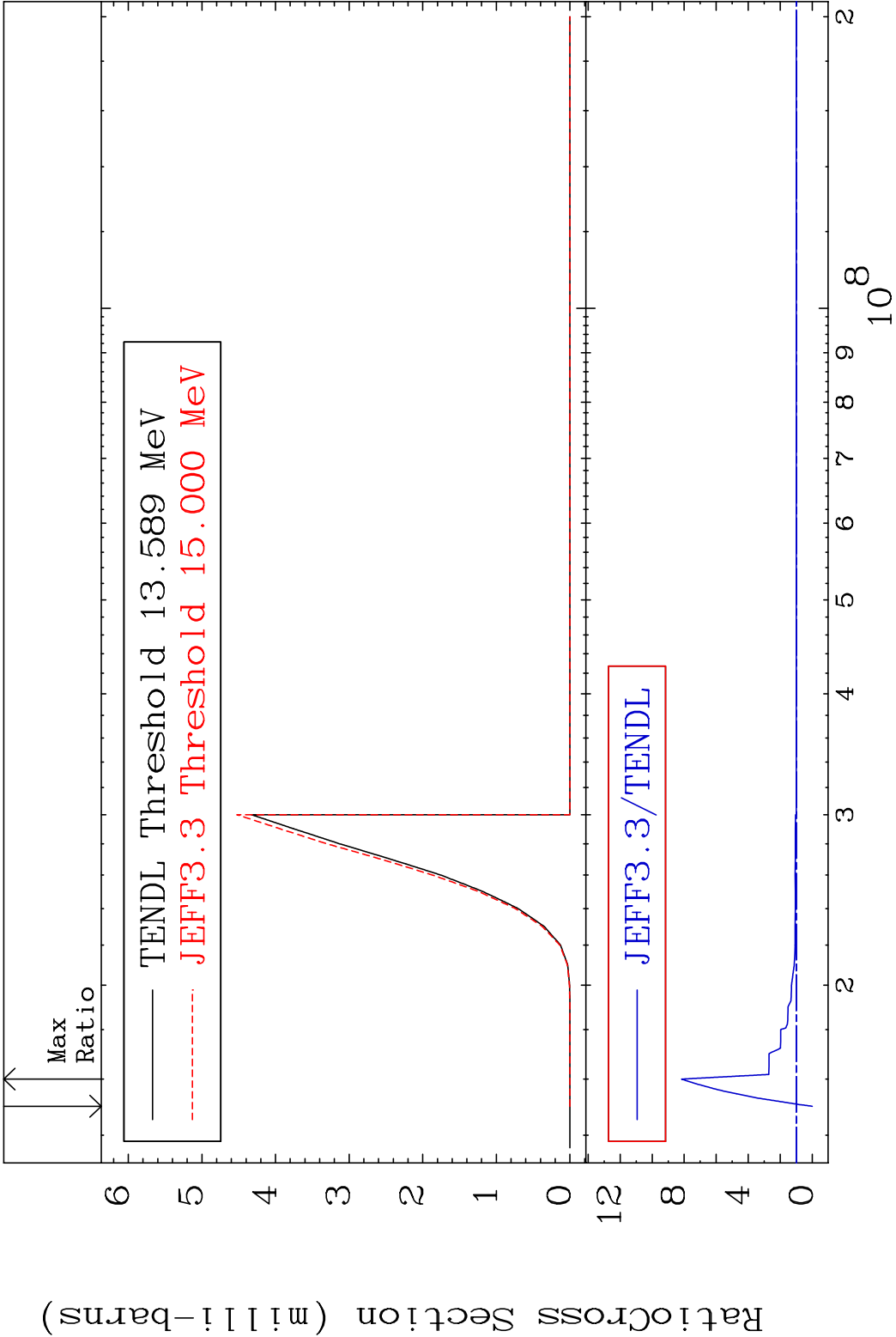


78 Incident Energy (eV) 62-Sm-150

MAT 6243 Dpa disappearance (mt102 -120) 62-Sm-150
Cross Section -99.99 To 9999. %







Radionuclide Production Cross Section, %

