

Program Complot
(Version 2021-1)

by

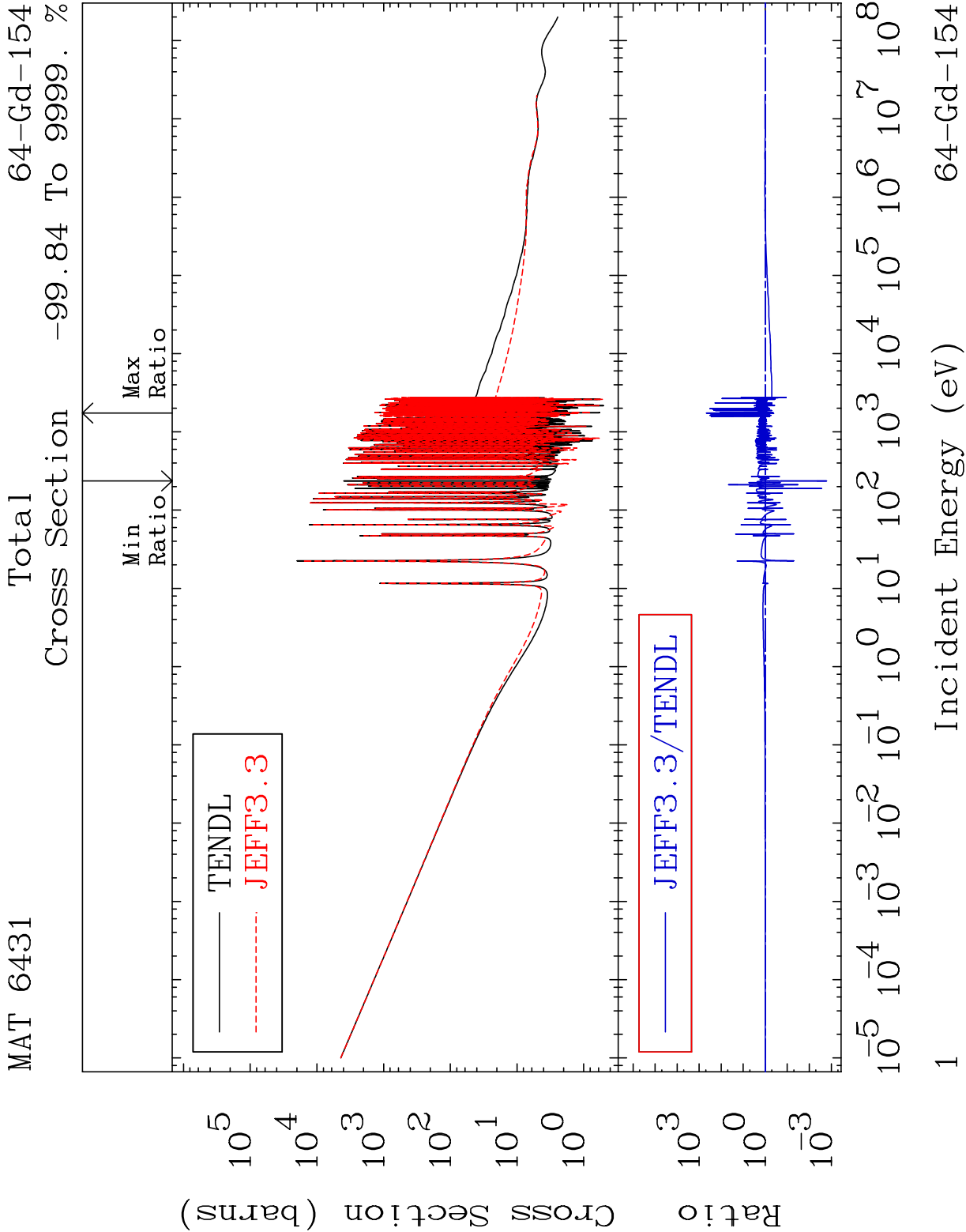
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(Present Contact Information)

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Press Mouse Button to Start

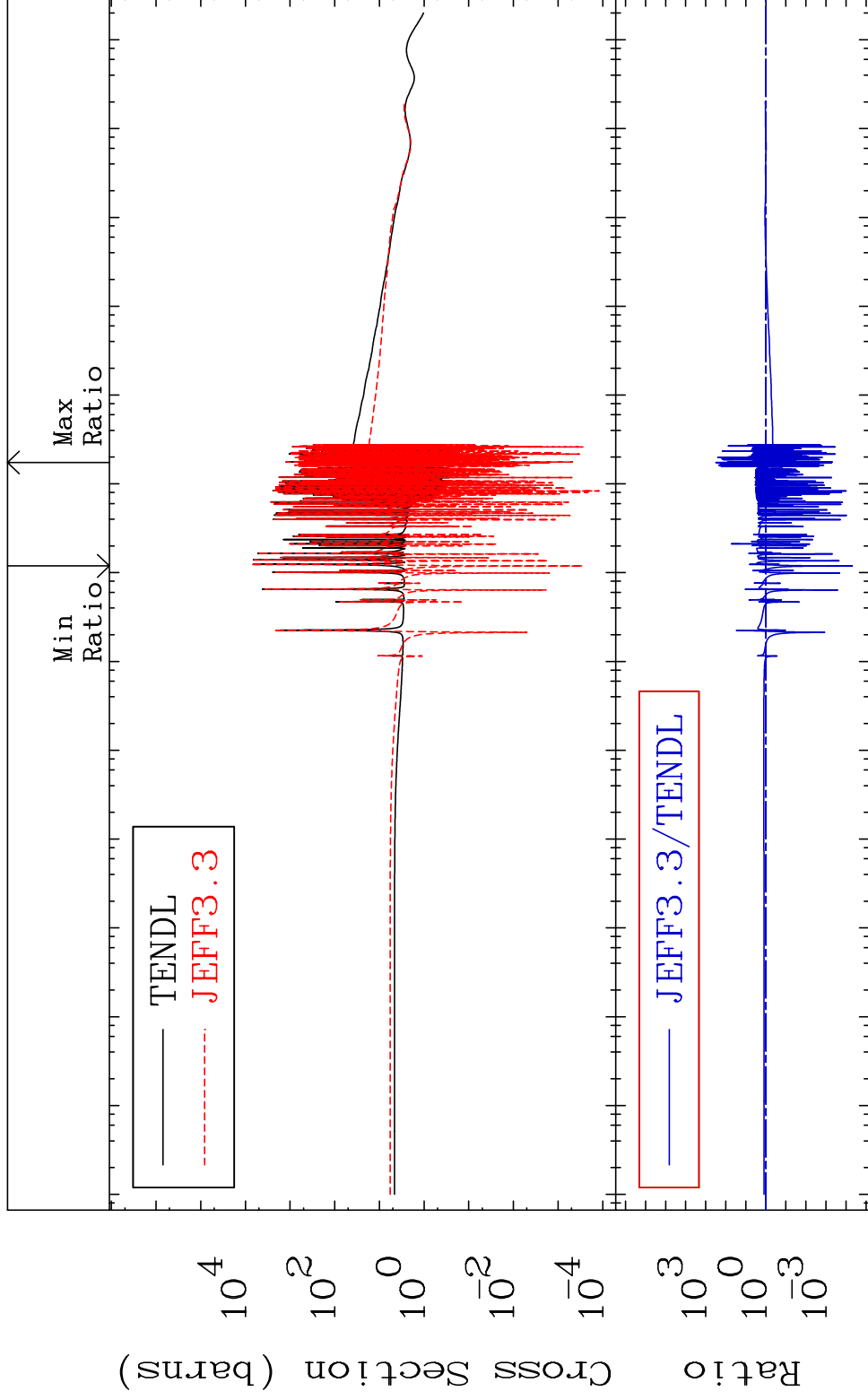


MAT 6431

Elastic

64-Gd-154

Cross Section -100.0 To 9999. %



Incident Energy (eV)

64-Gd-154

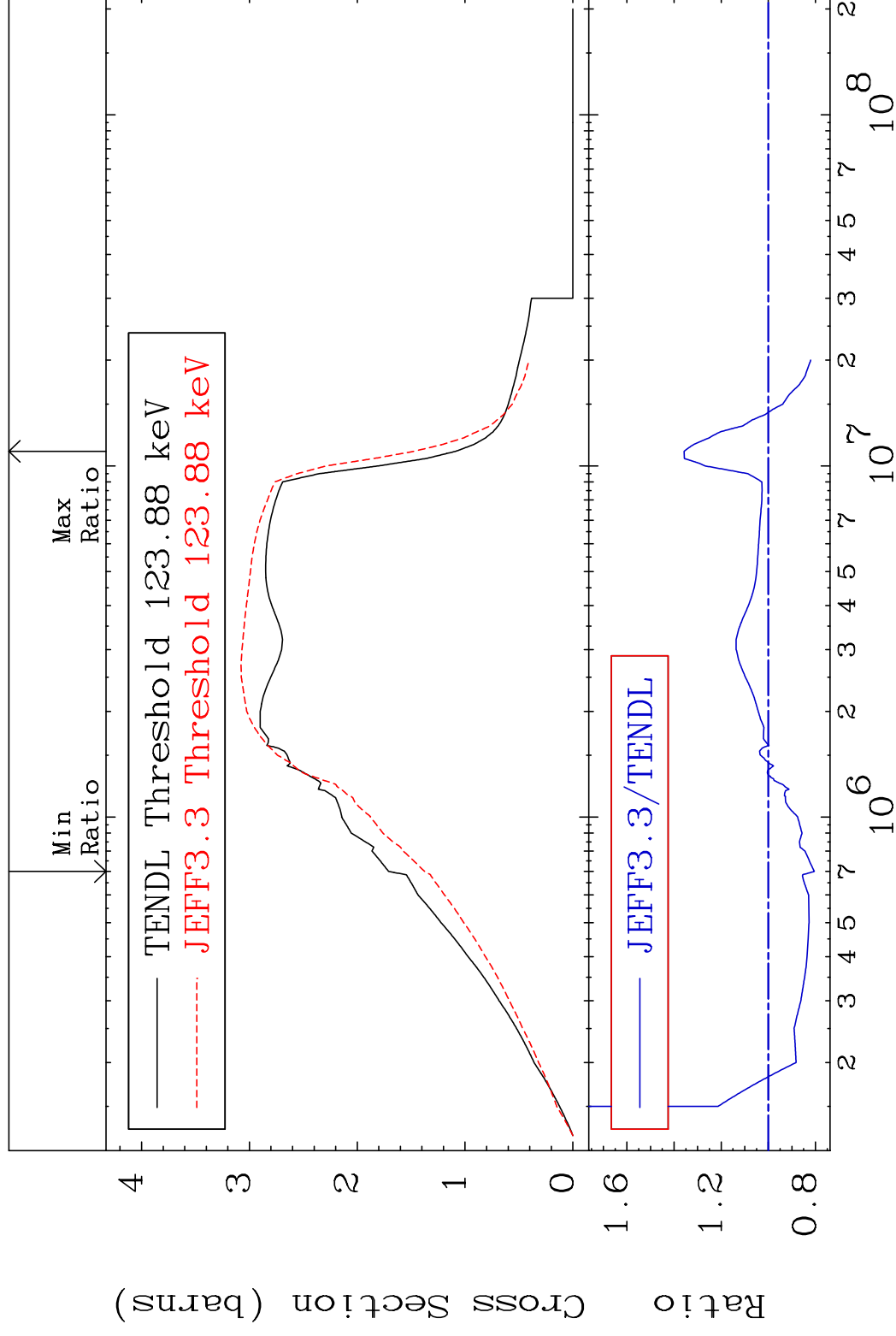
2

MAT 6431

Inelastic

64-Gd-154

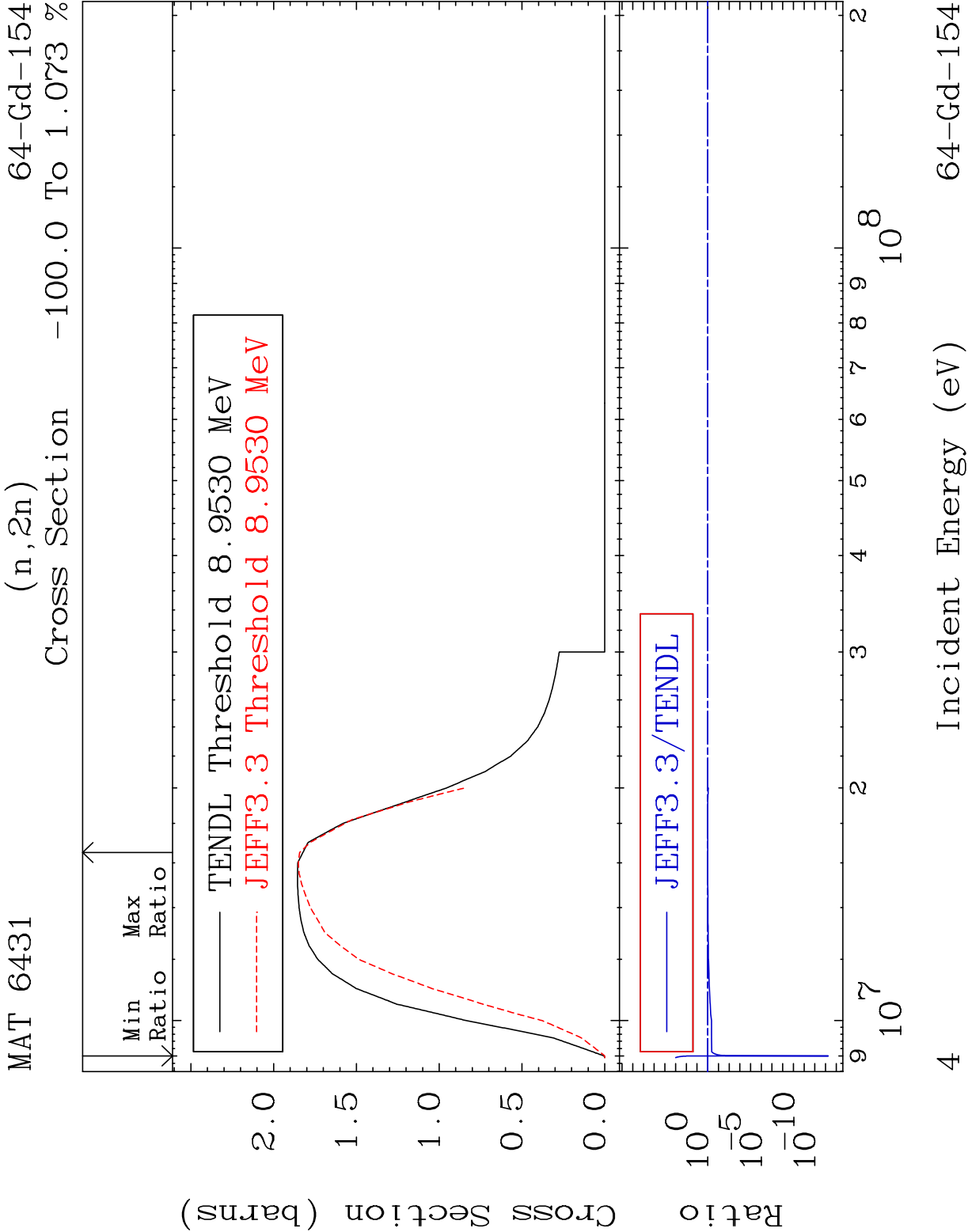
Cross Section -19.51 To 35.75 %

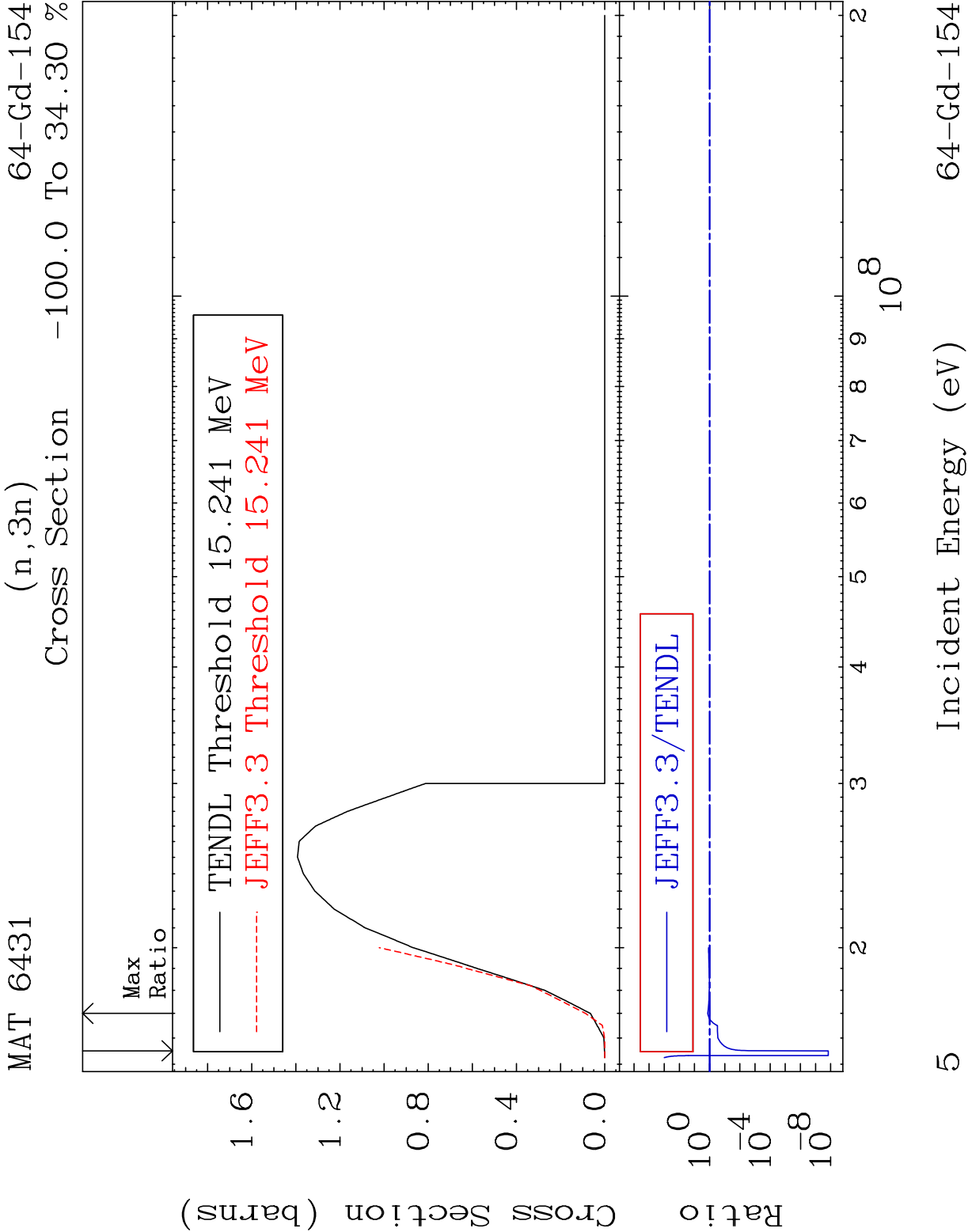


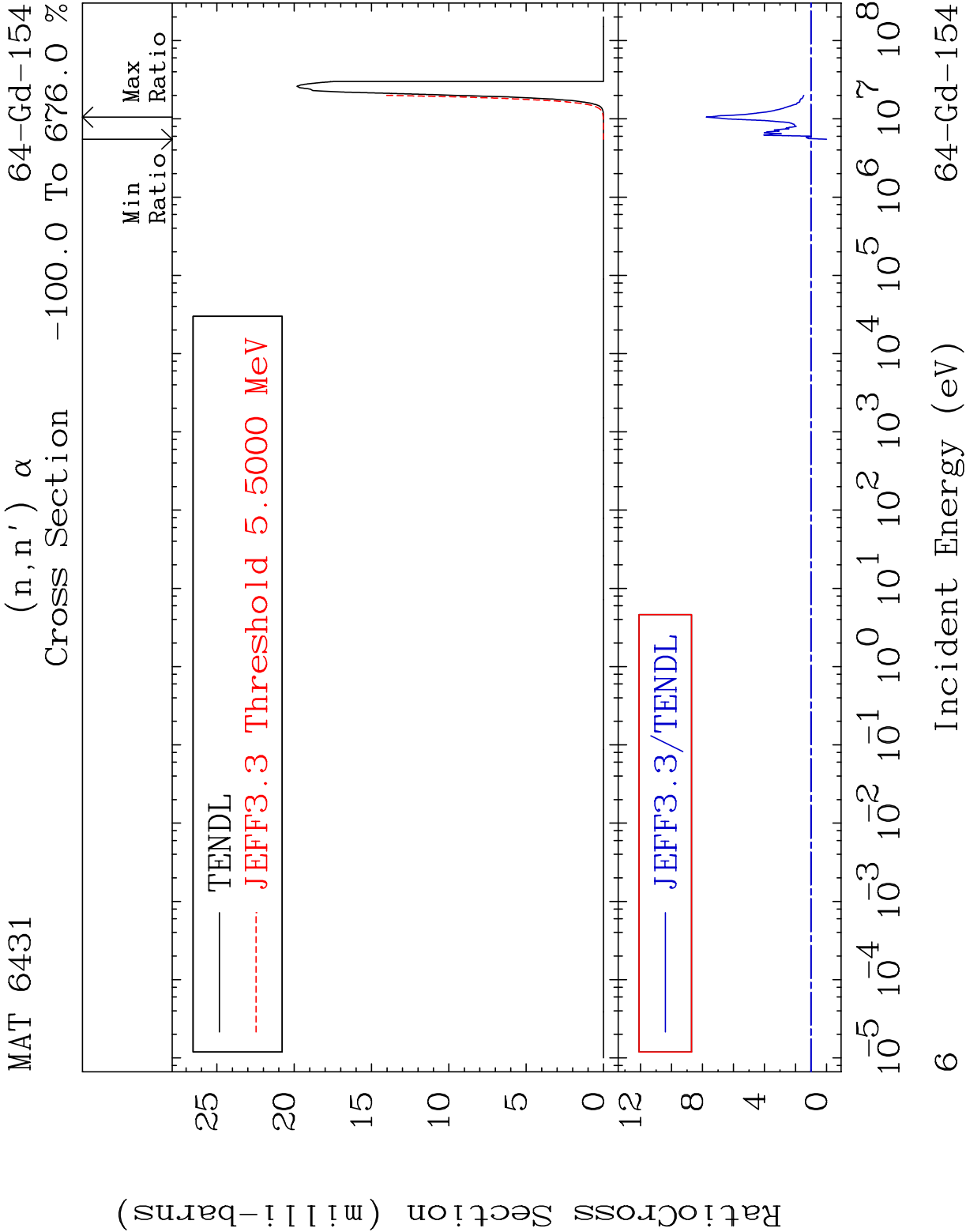
3

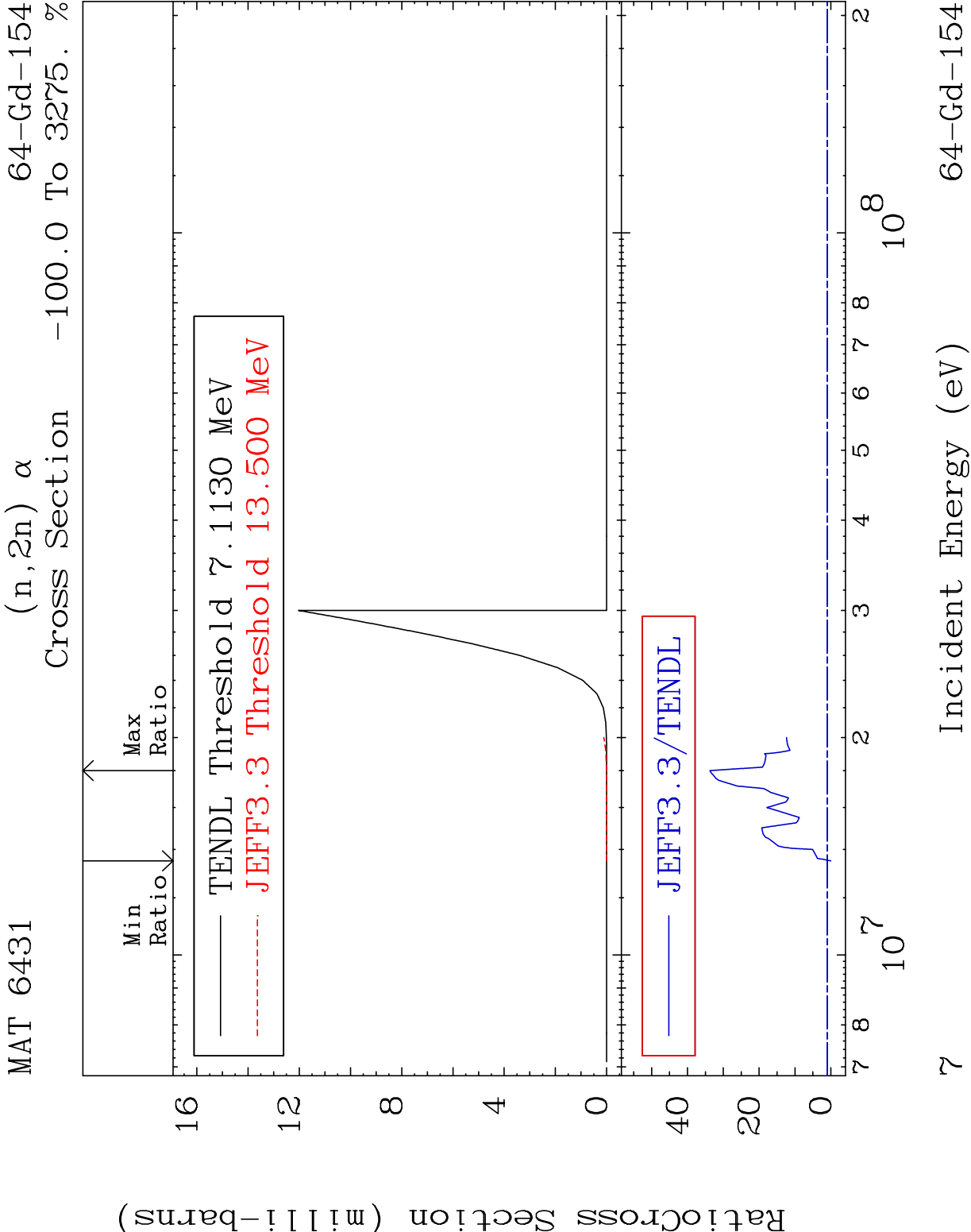
Incident Energy (eV)

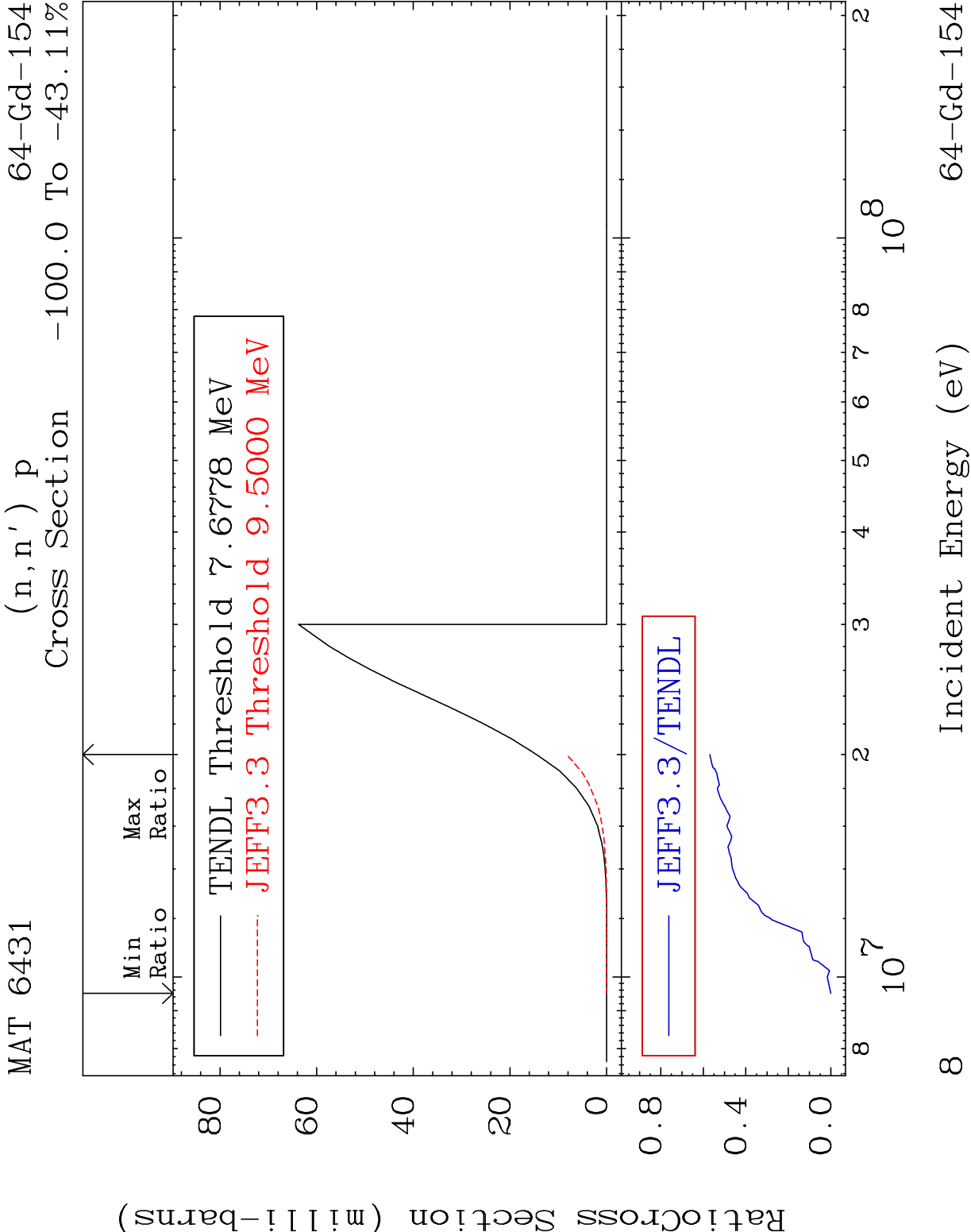
64-Gd-154

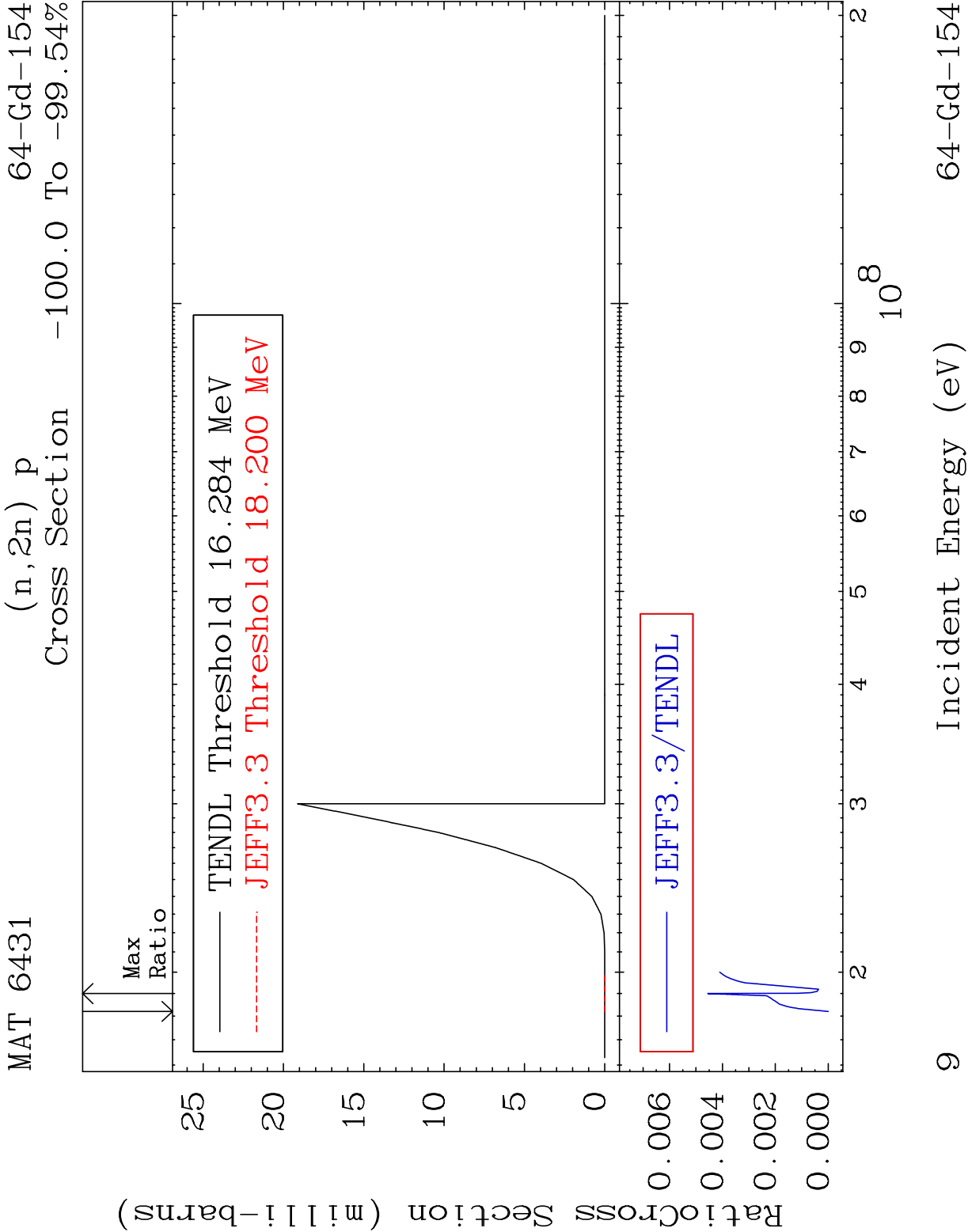












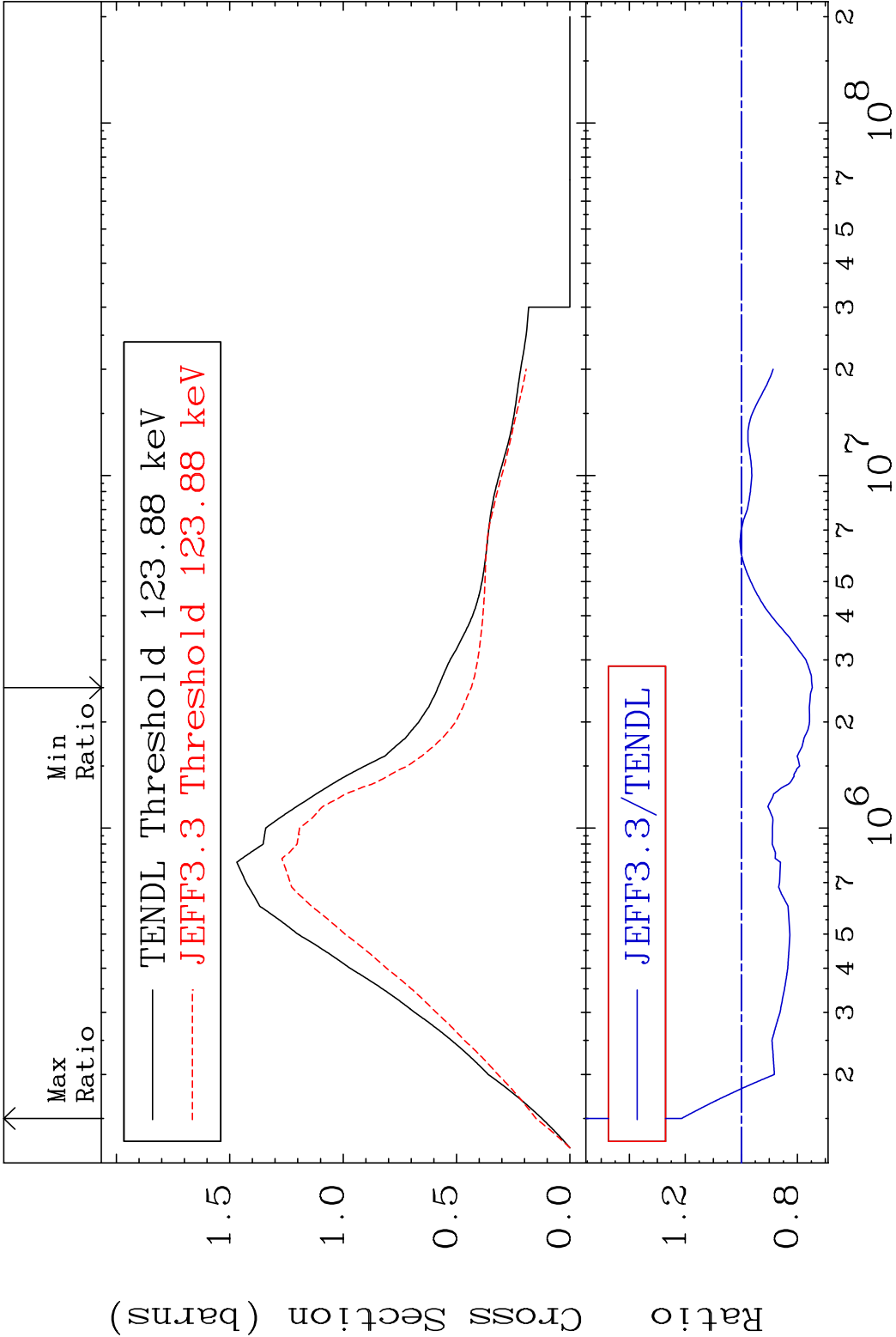
MAT 6431

MT= 51 (n,n') Level

64-Gd-154

Cross Section

-25.32 To 21.34 %

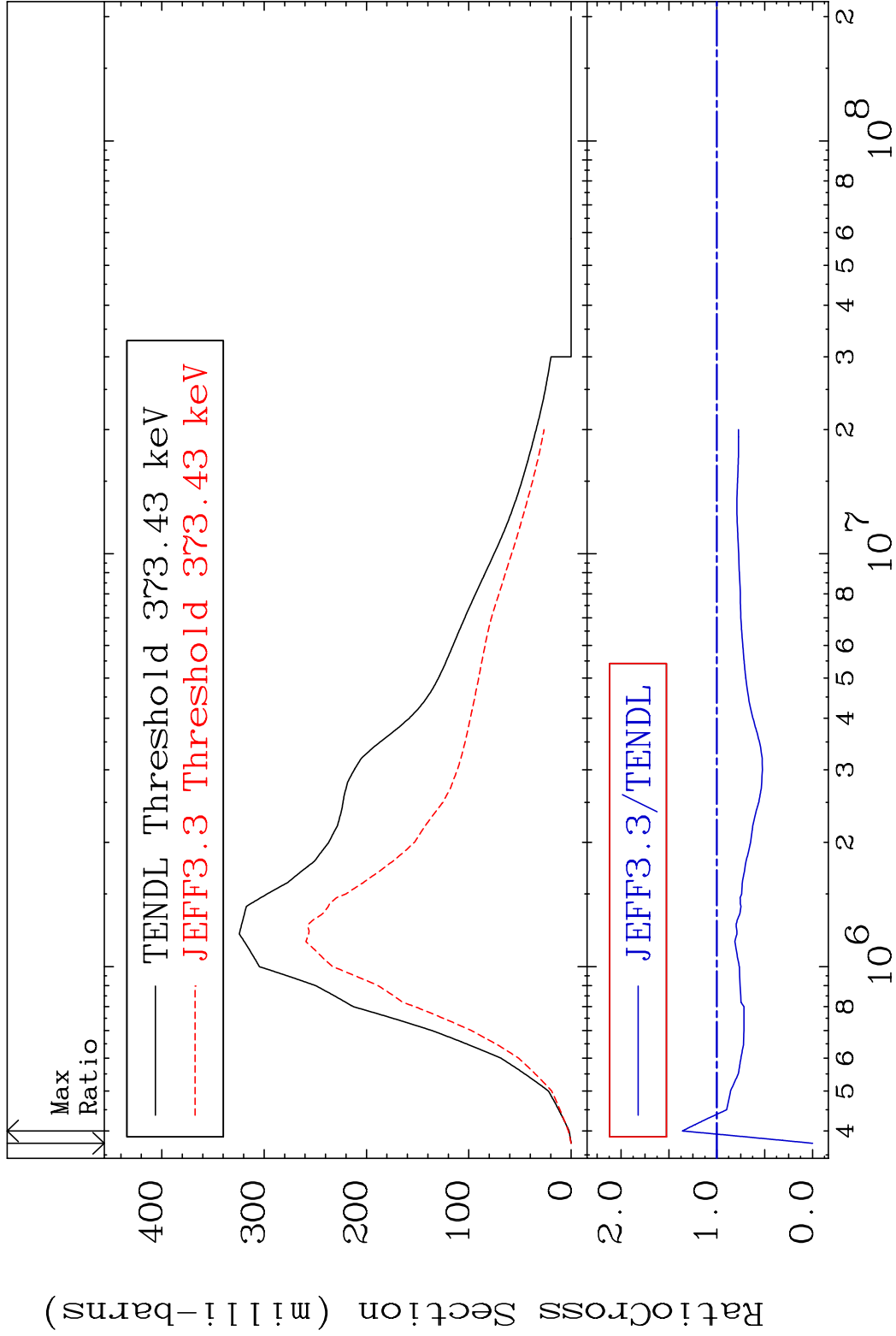


10

Incident Energy (eV)

64-Gd-154

MAT 6431 MT= 52 (n,n') Level 64-Gd-154
Cross Section -100.0 To 36.01 %



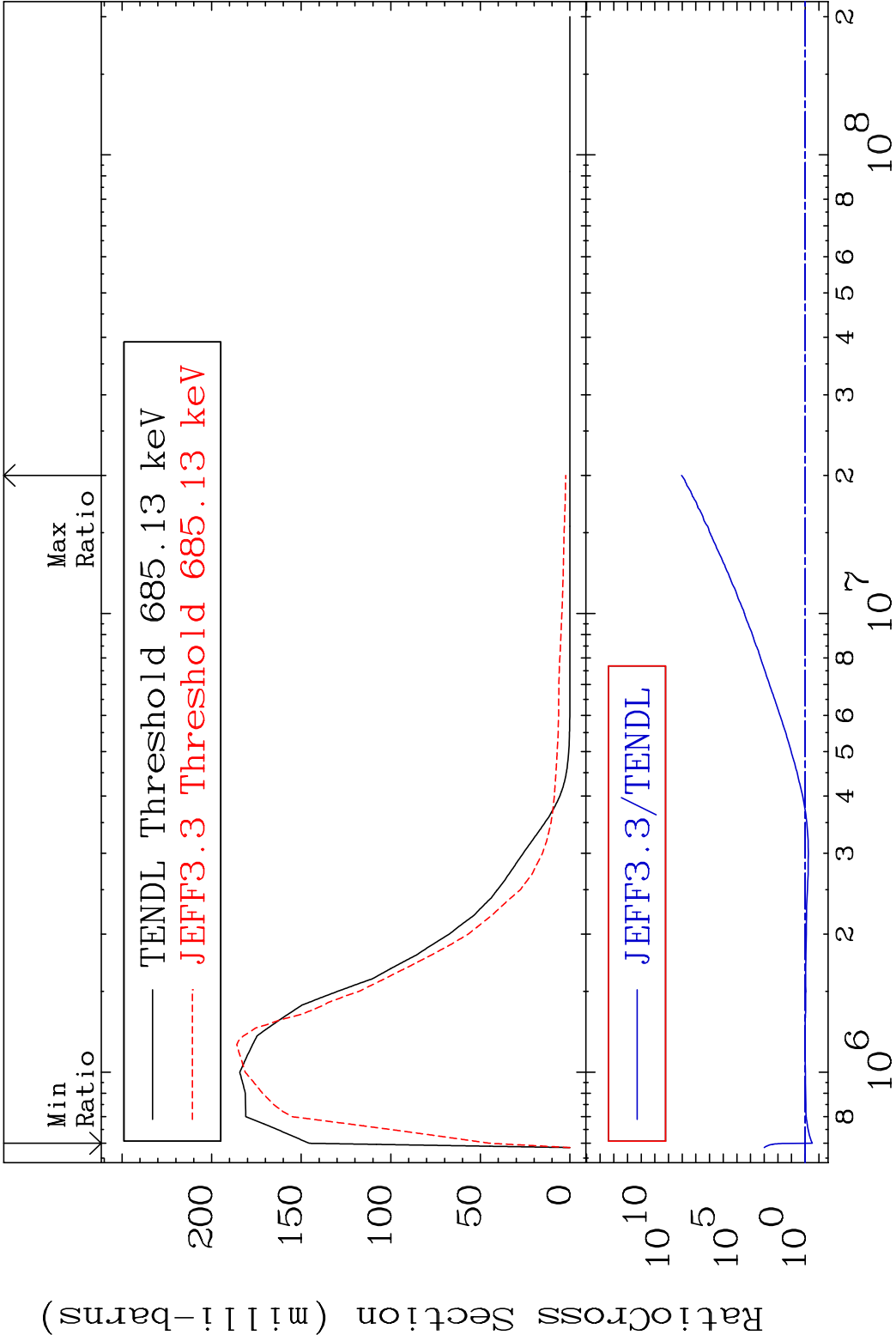
MAT 6431

MT= 53 (n,n') Level

64-Gd-154

Cross Section

-69.31 To 9999. %

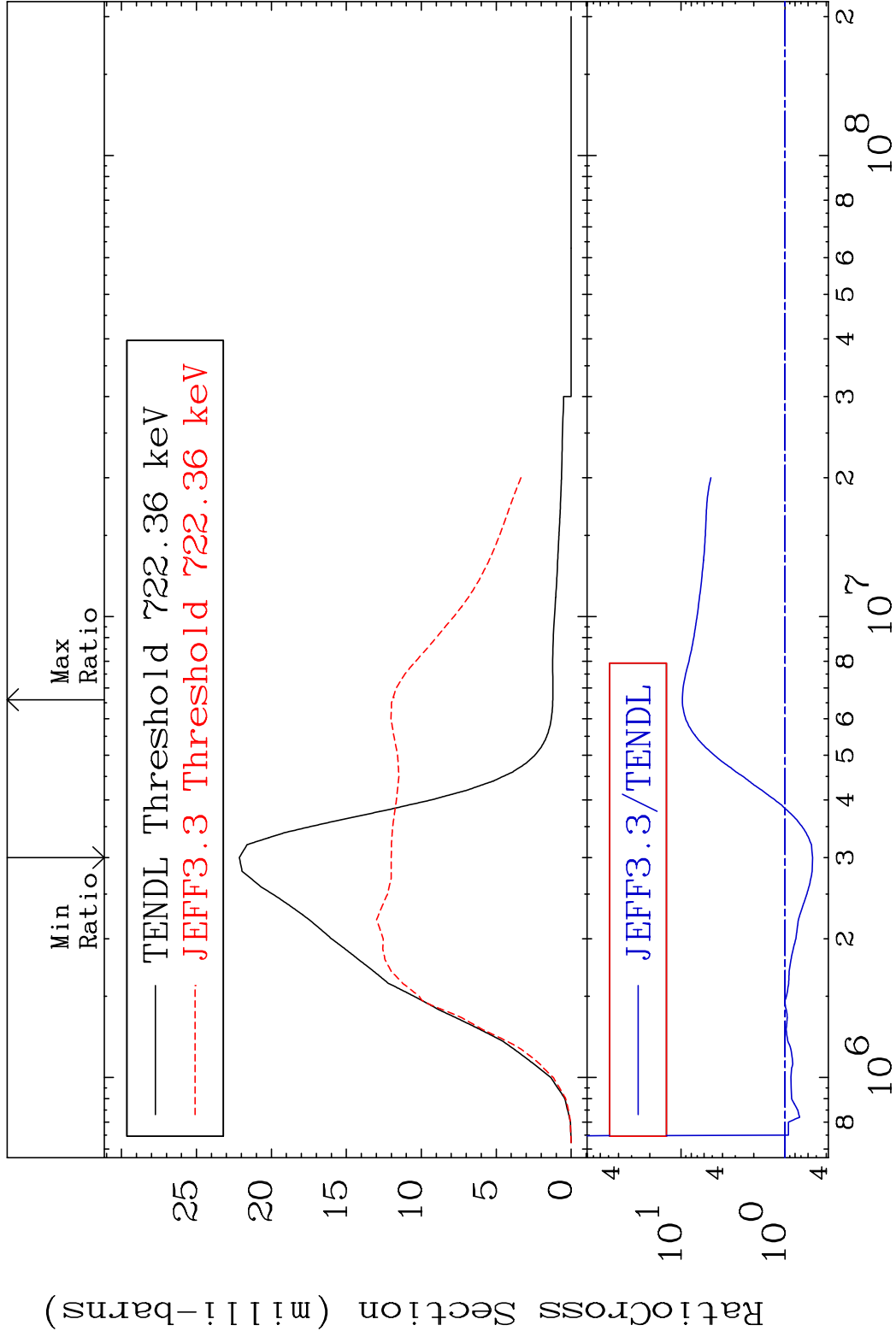


12

Incident Energy (eV)

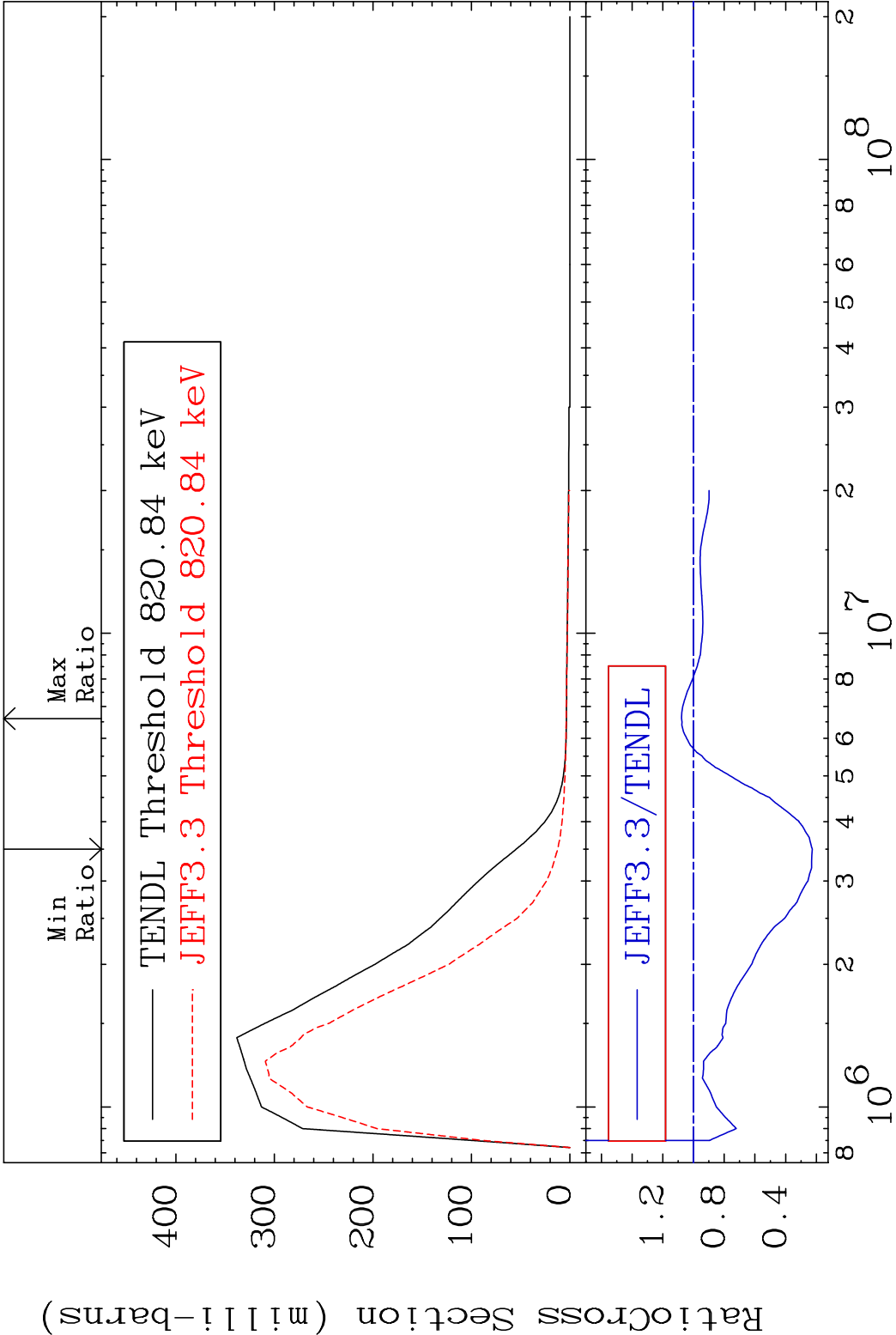
64-Gd-154

MAT 6431 MT= 54 (n,n') Level 64-Gd-154
Cross Section -45.78 To 873.0 %



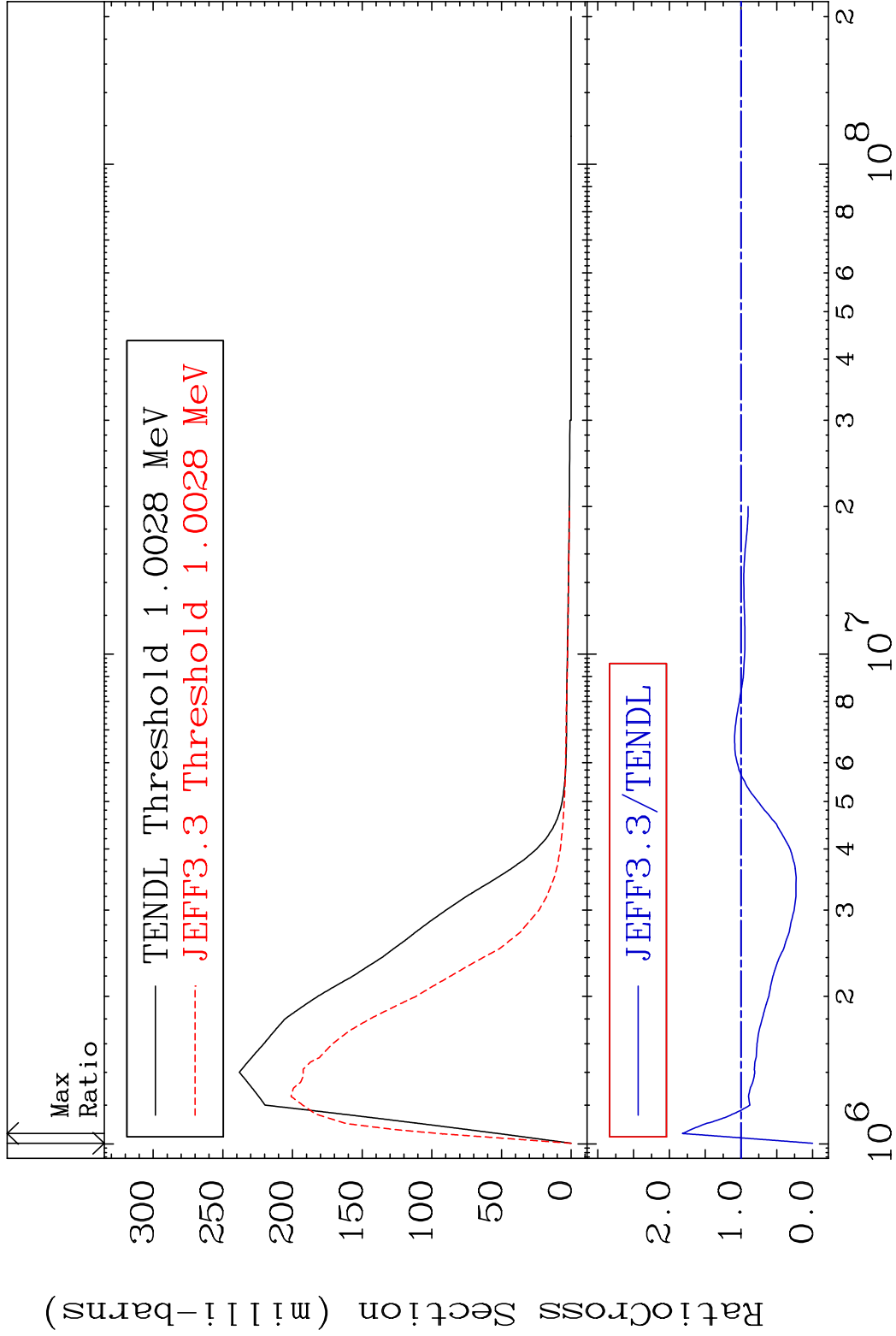
13 Incident Energy (eV) 64-Gd-154

MAT 6431 MT= 55 (n,n') Level 64-Gd-154
Cross Section -77.32 To 7.787 %

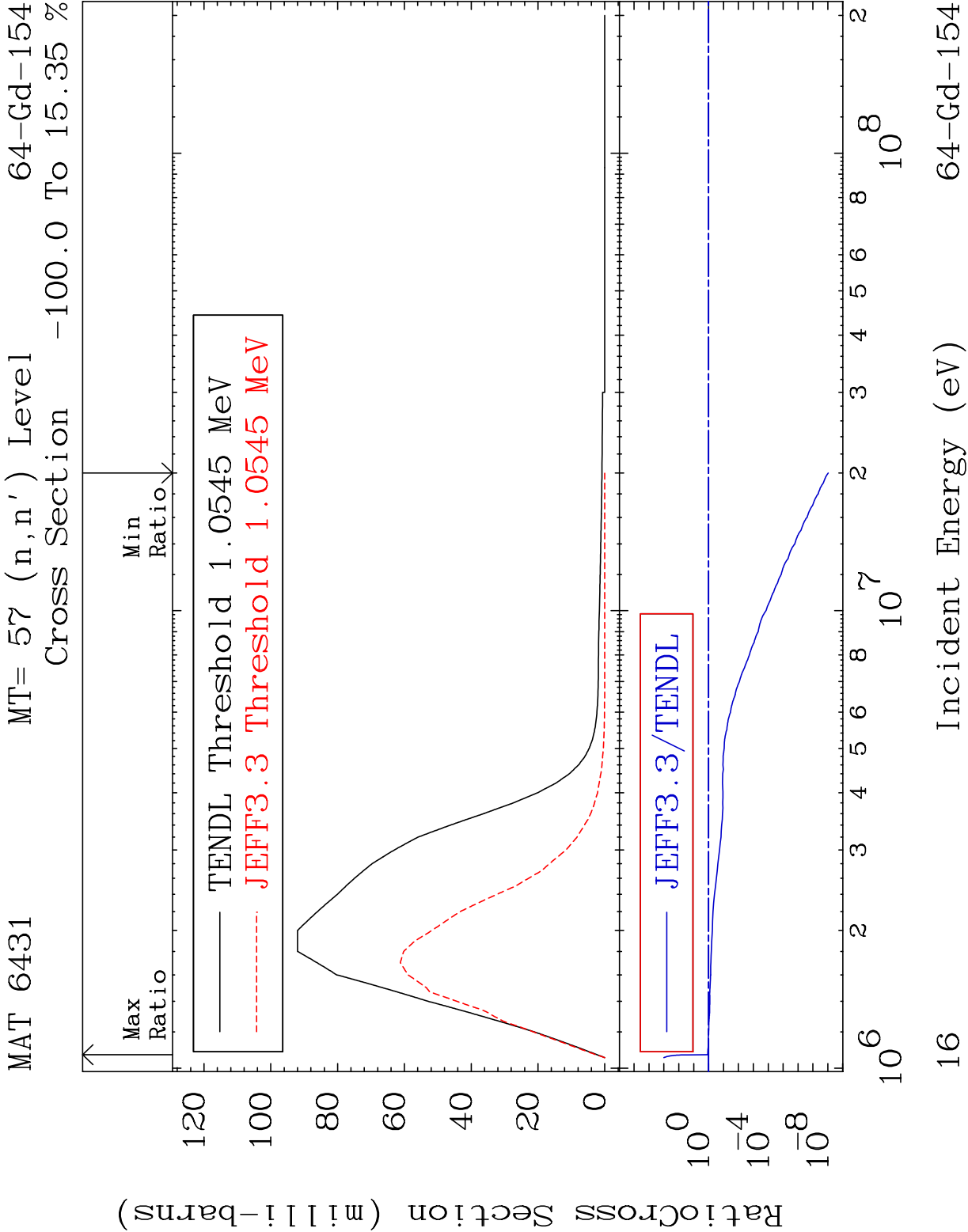


14 Incident Energy (eV) 64-Gd-154

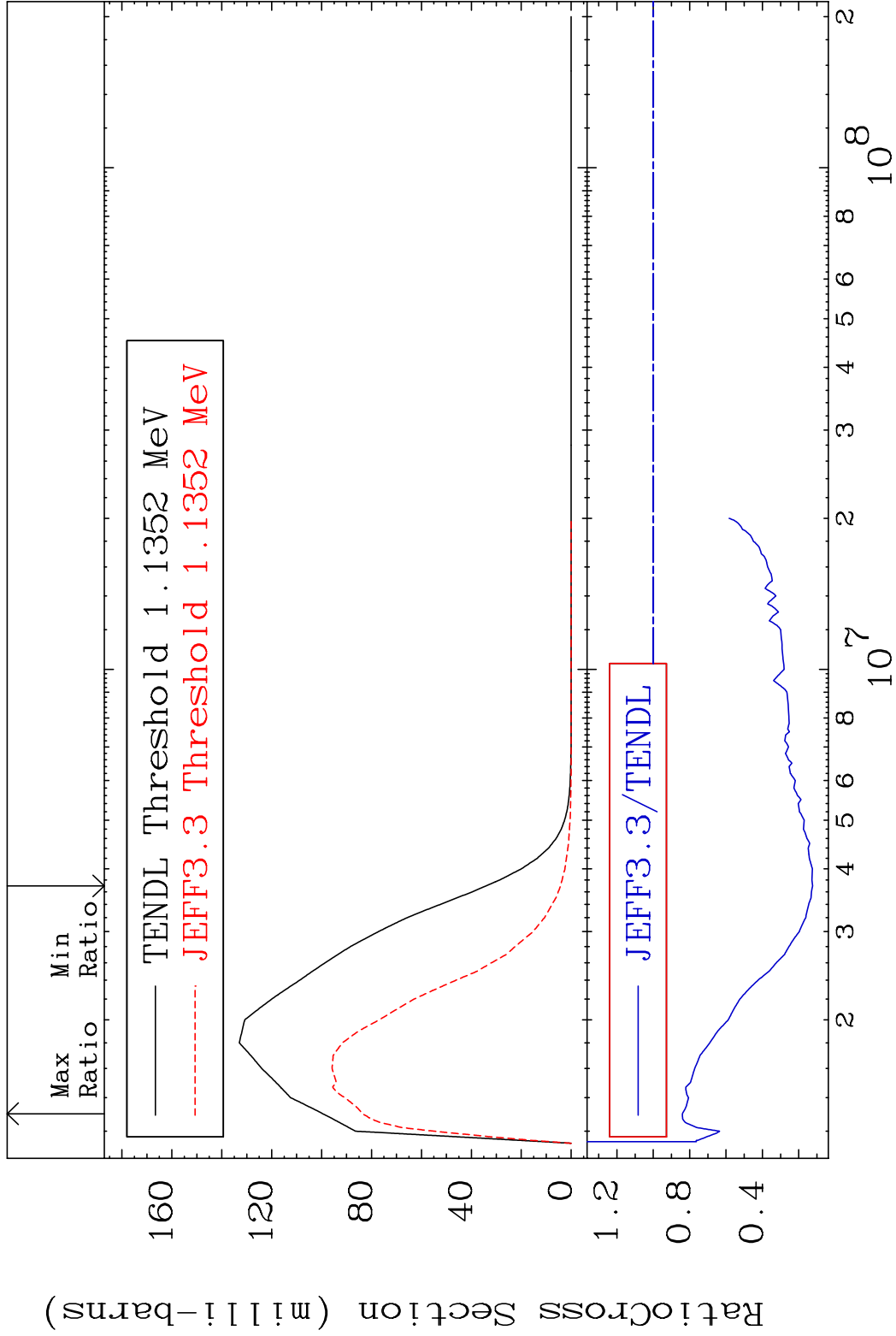
MAT 6431 MT= 56 (n,n') Level 64-Gd-154
Cross Section -100.0 To 81.96 %

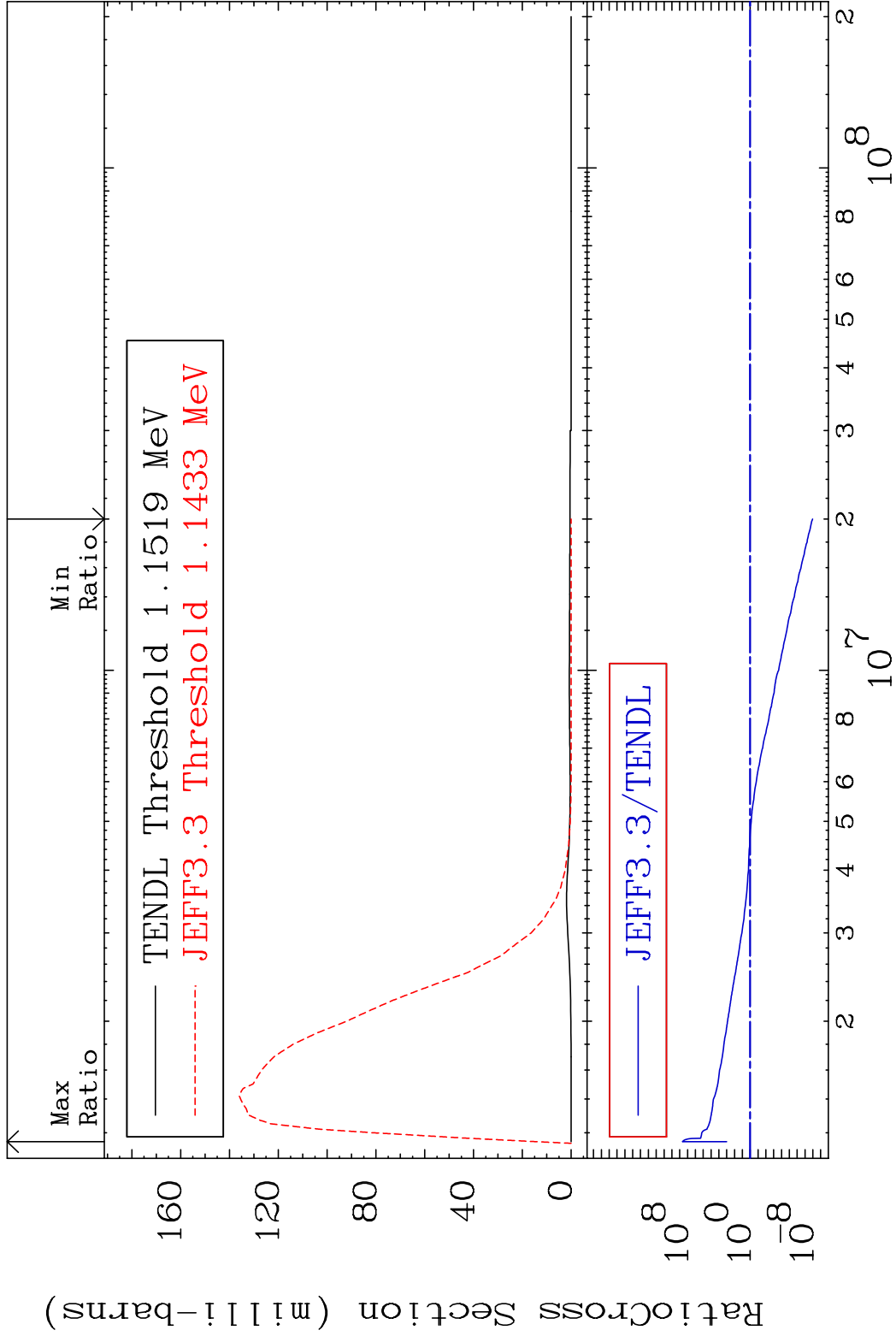


15 Incident Energy (eV) 64-Gd-154



MAT 6431 MT= 58 (n,n') Level 64-Gd-154
Cross Section -87.56 To -15.97%





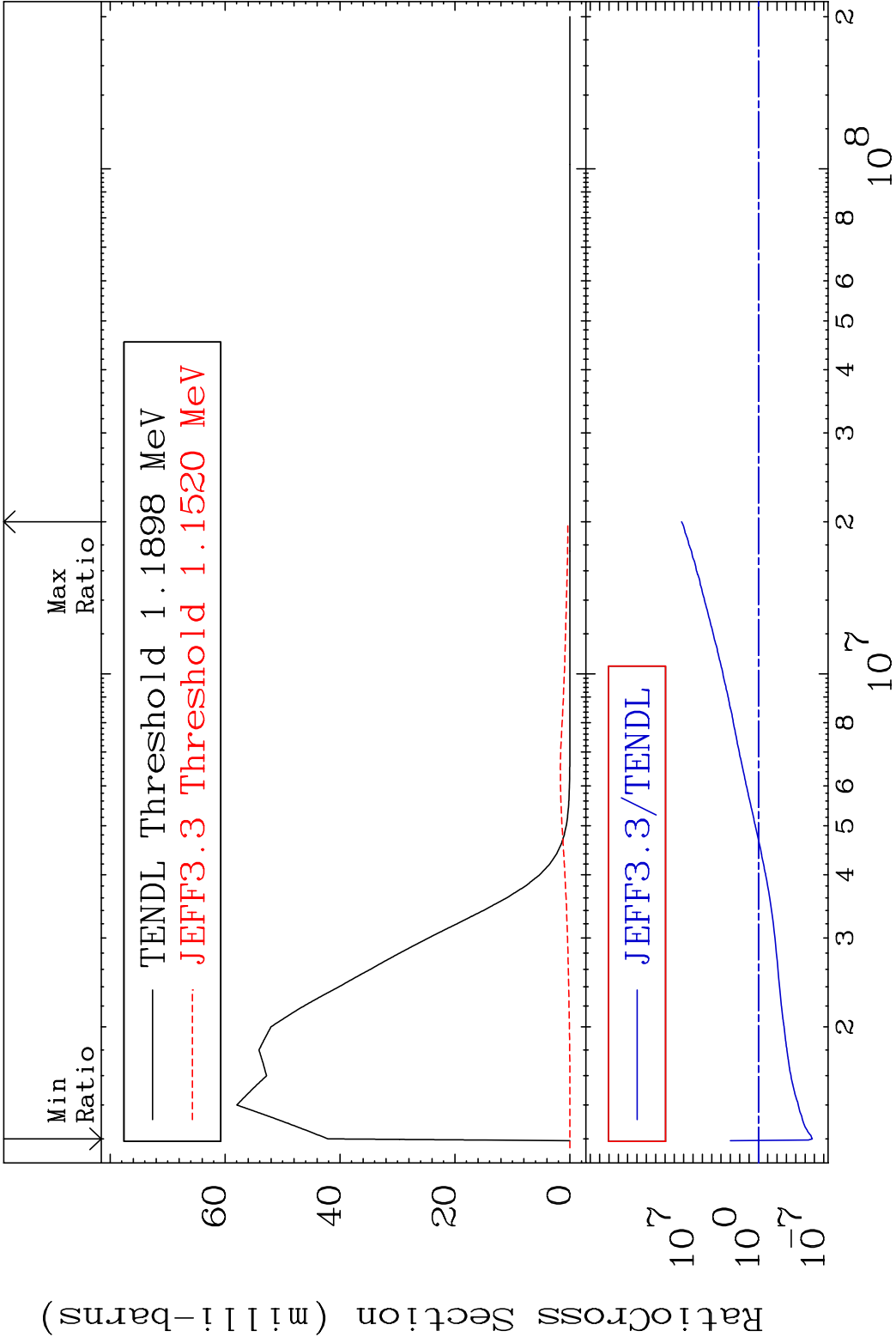
MAT 6431

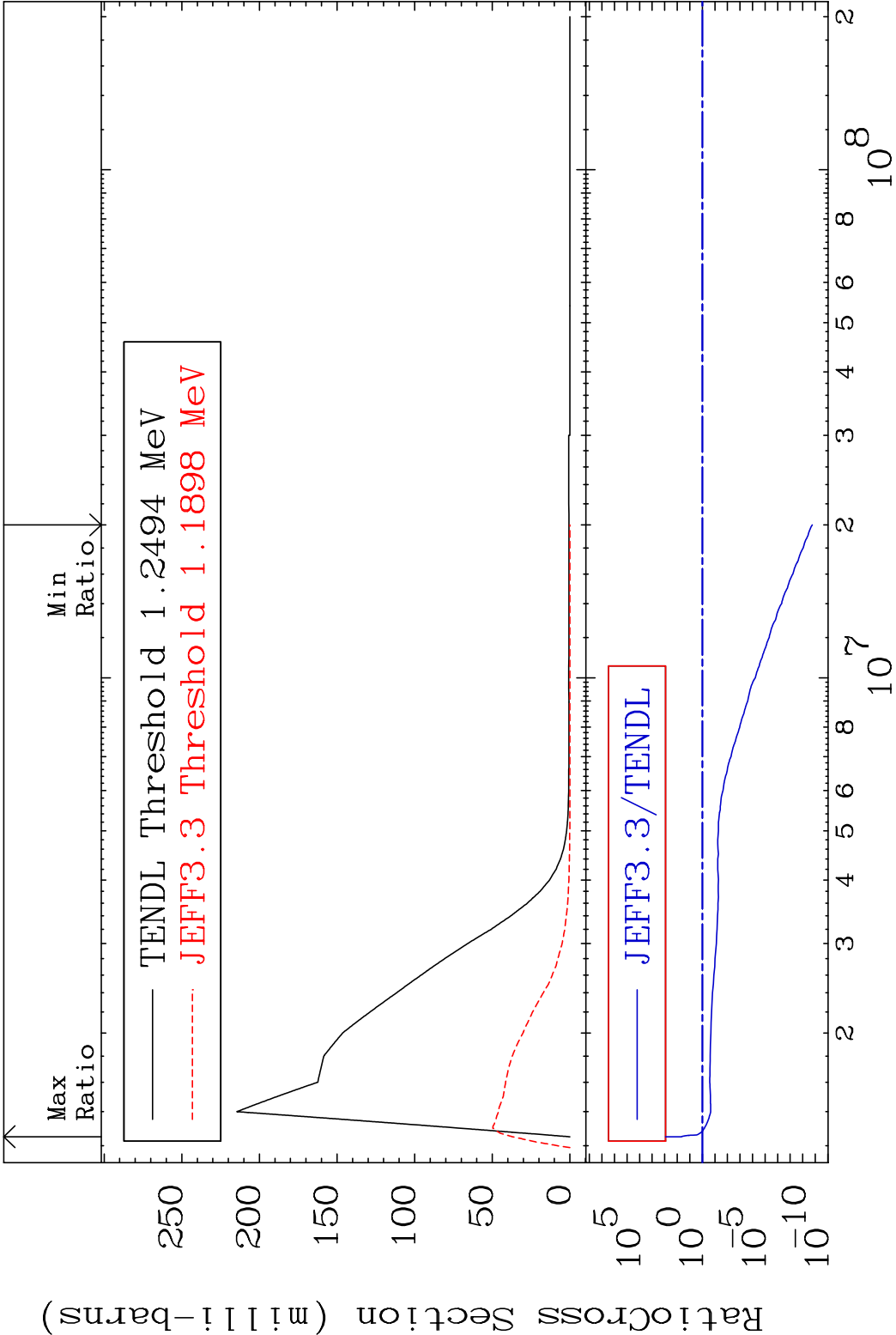
MT= 60 (n,n') Level

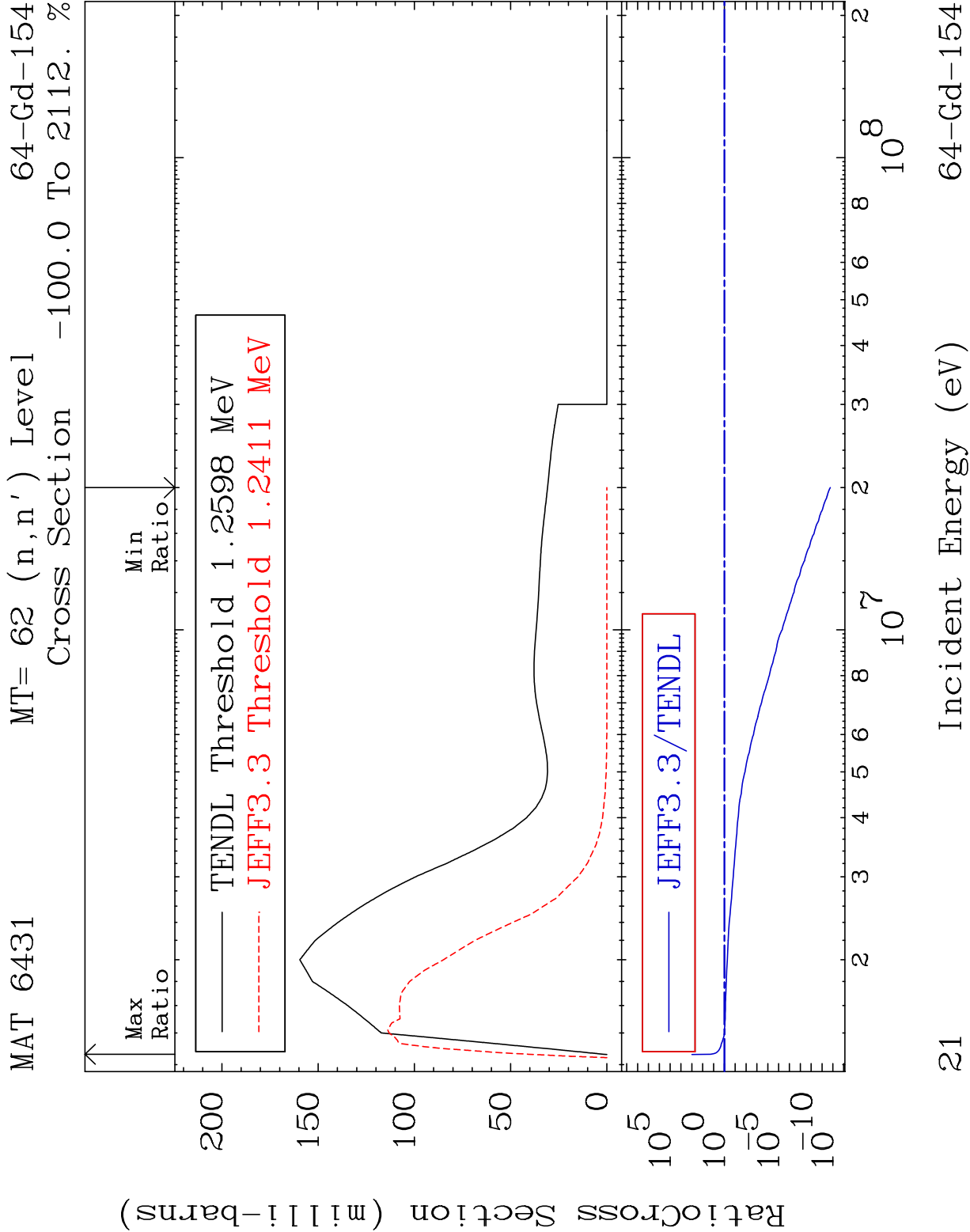
64-Gd-154

Cross Section

-100.0 To 9999. %







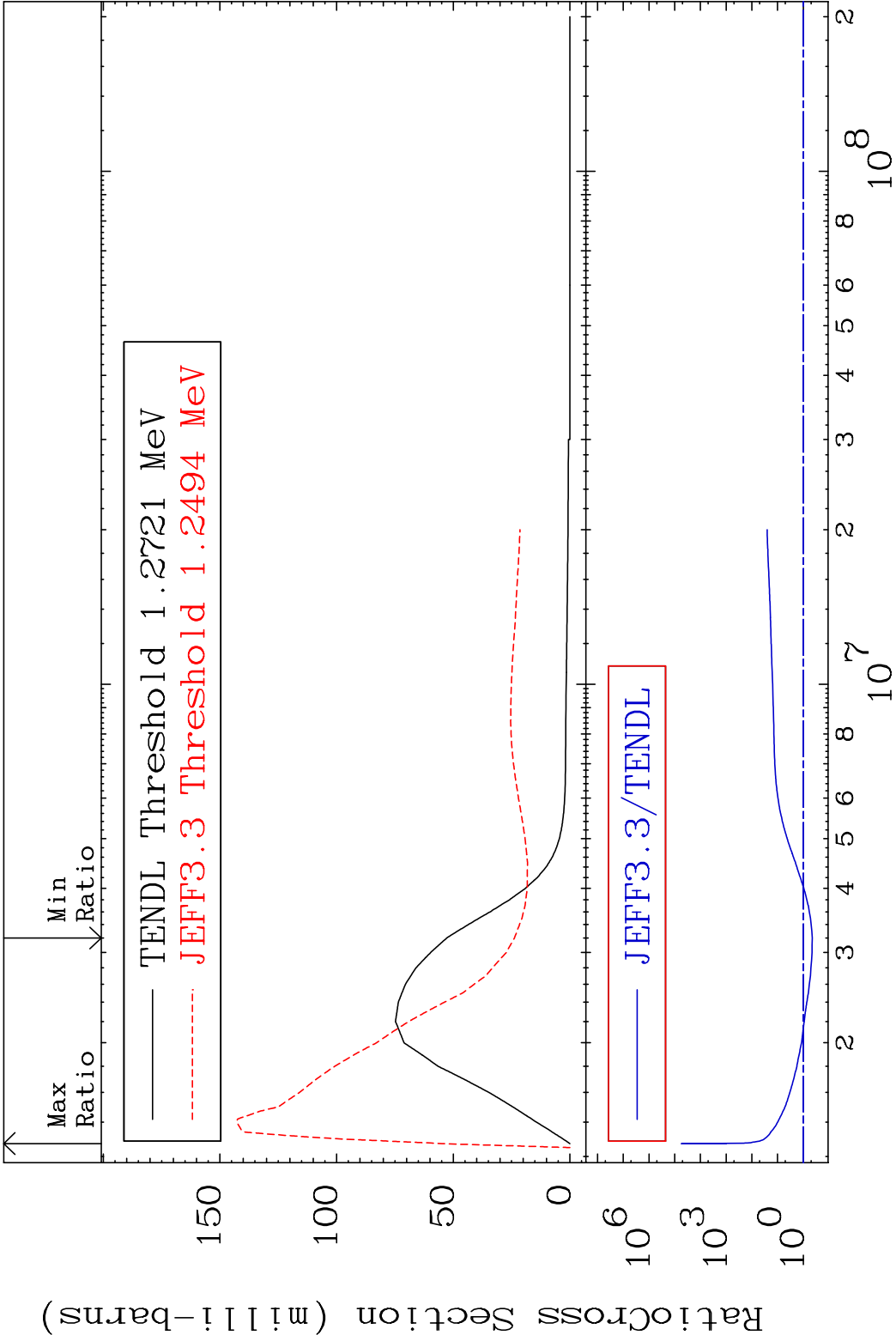
MAT 6431

MT= 63 (n,n') Level

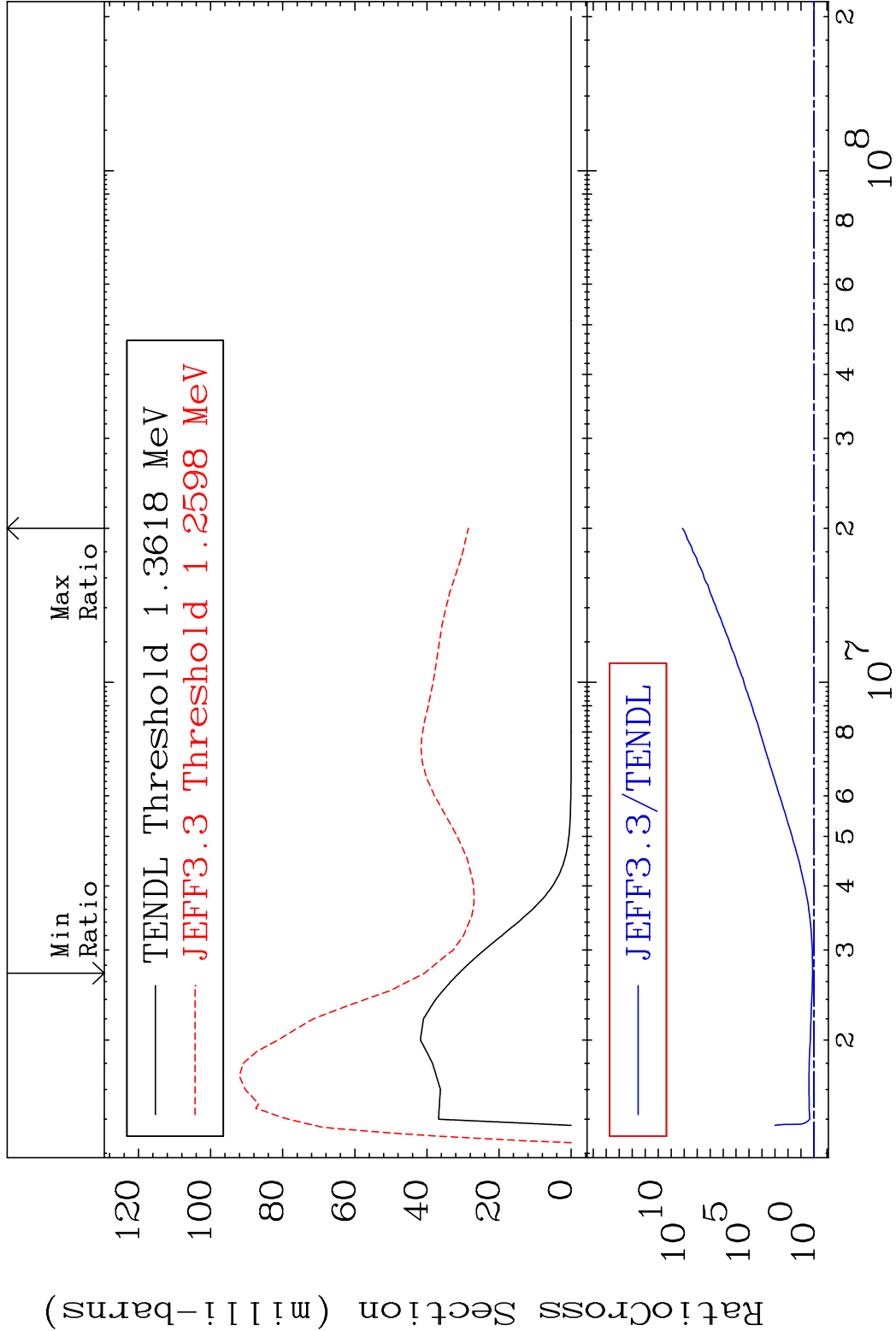
64-Gd-154

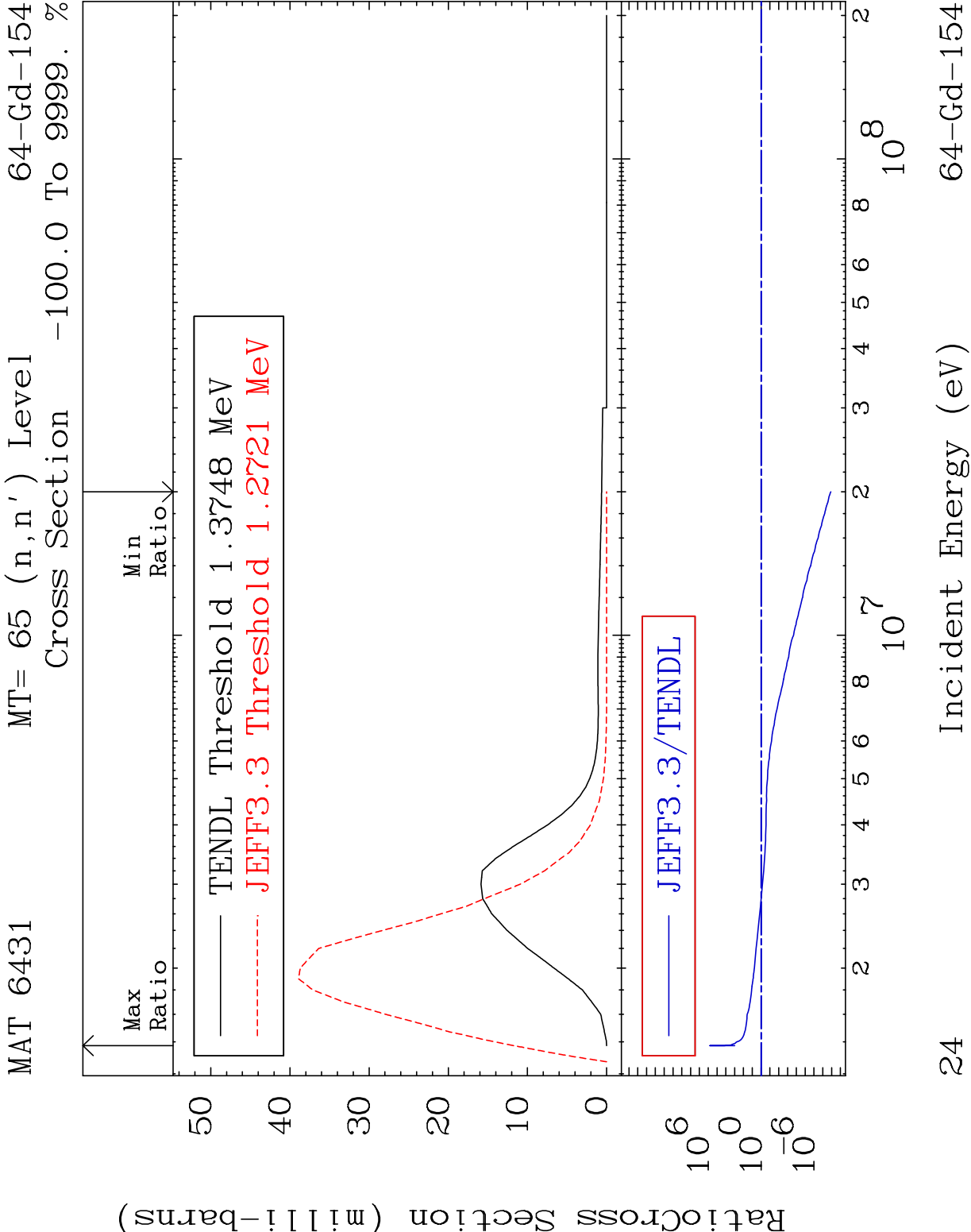
Cross Section

-54.98 To 9999. %

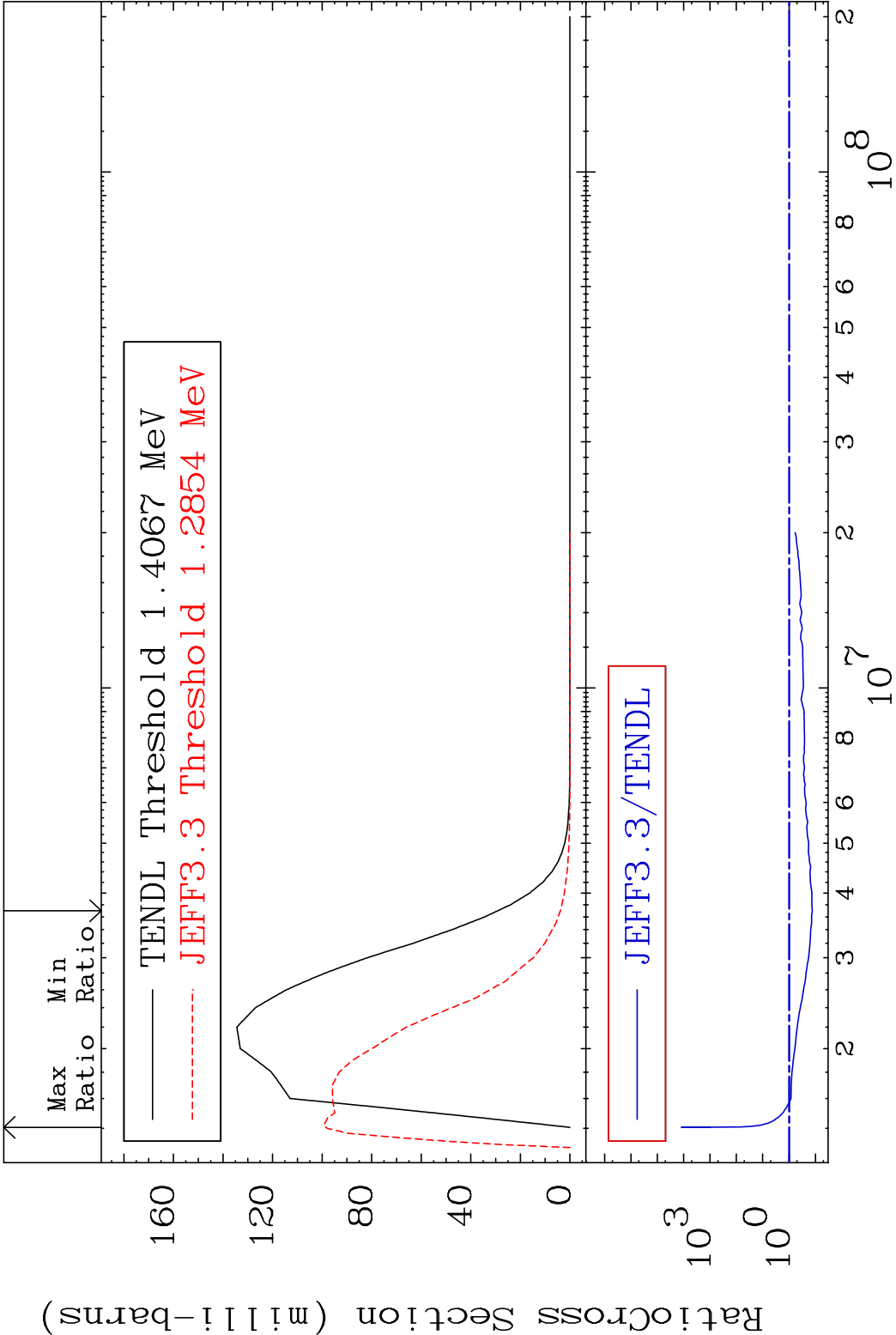


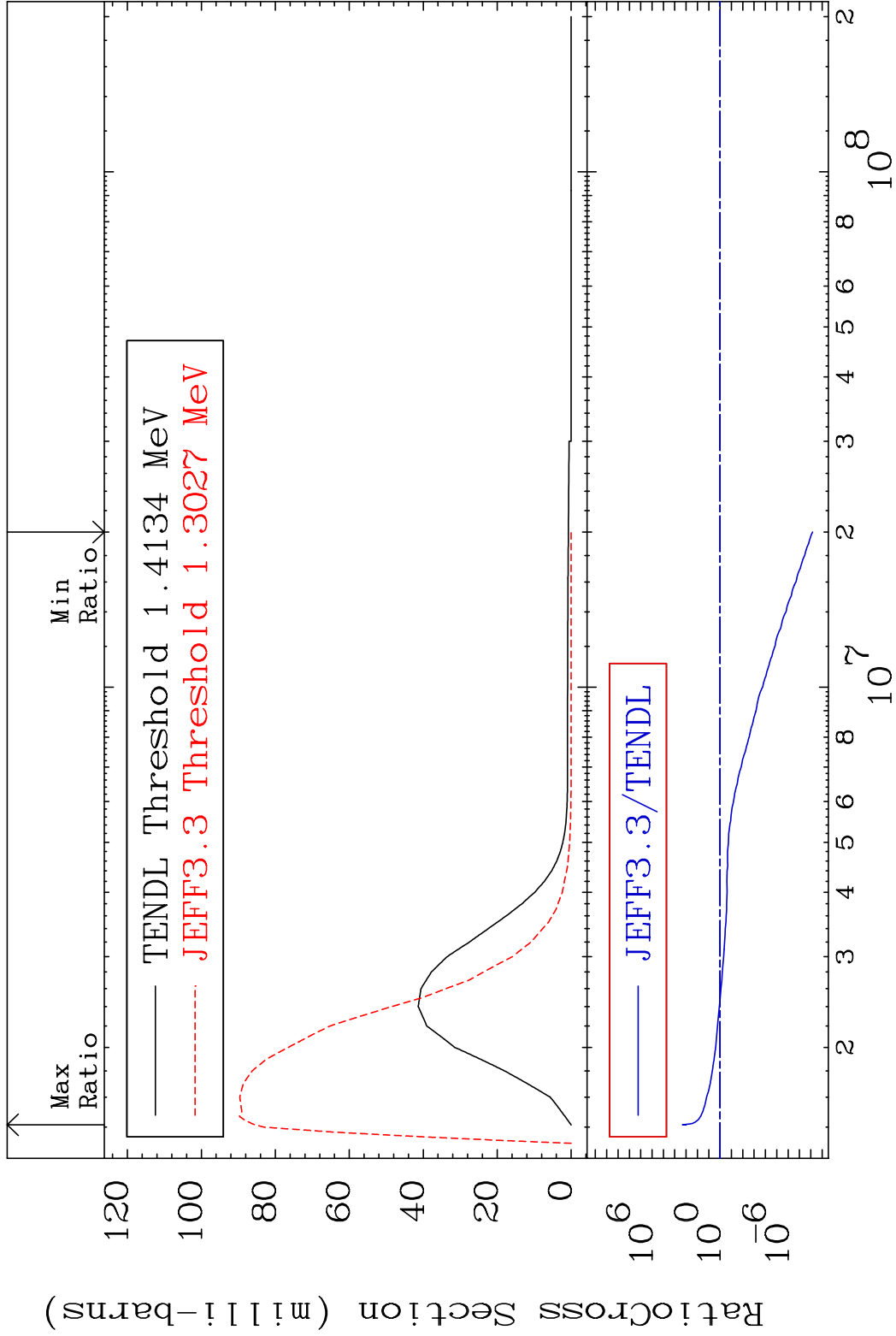
MAT 6431	MT= 64 (n,n')	Level	64-Gd-154
	Cross Section	30.66	To 9999. %

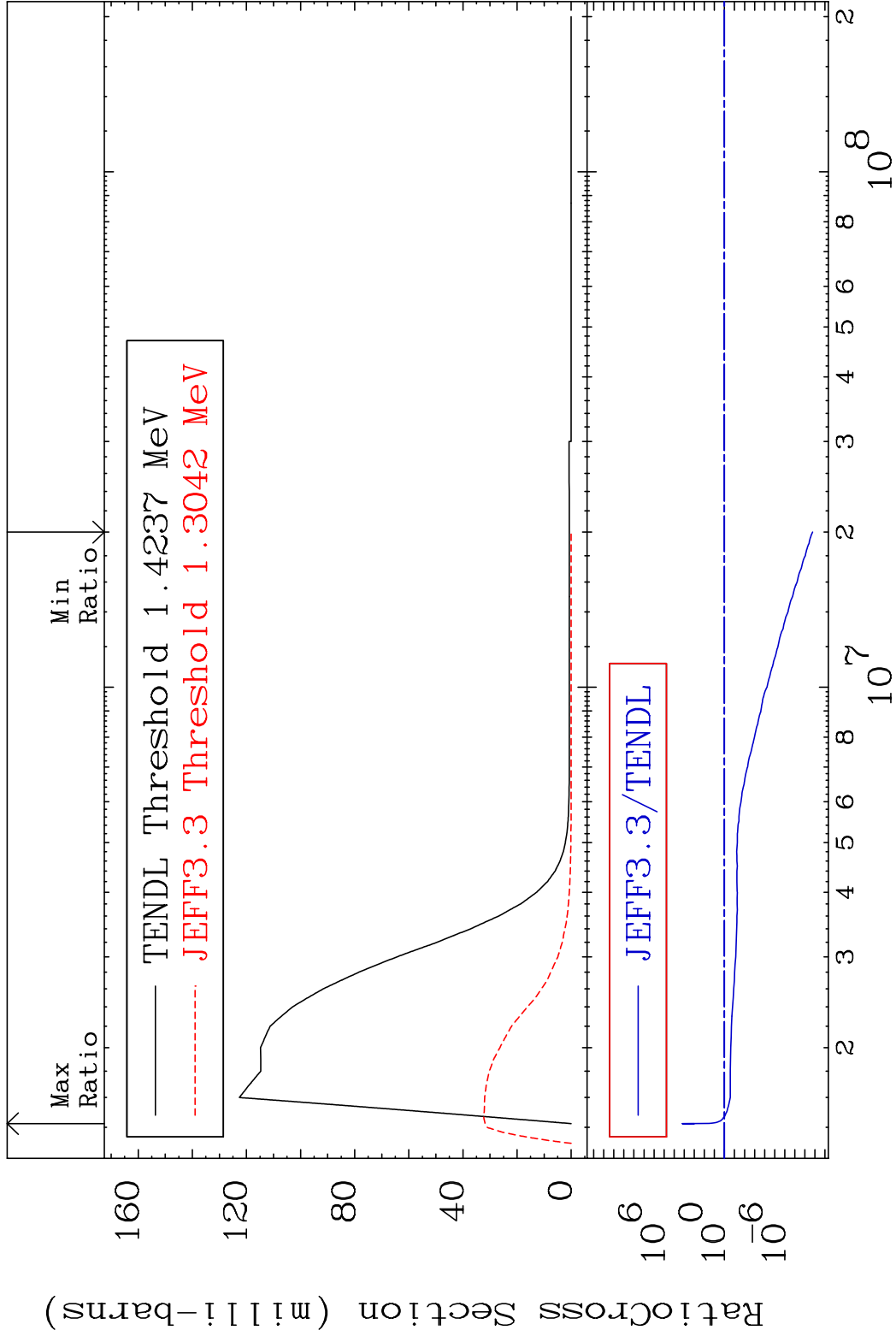


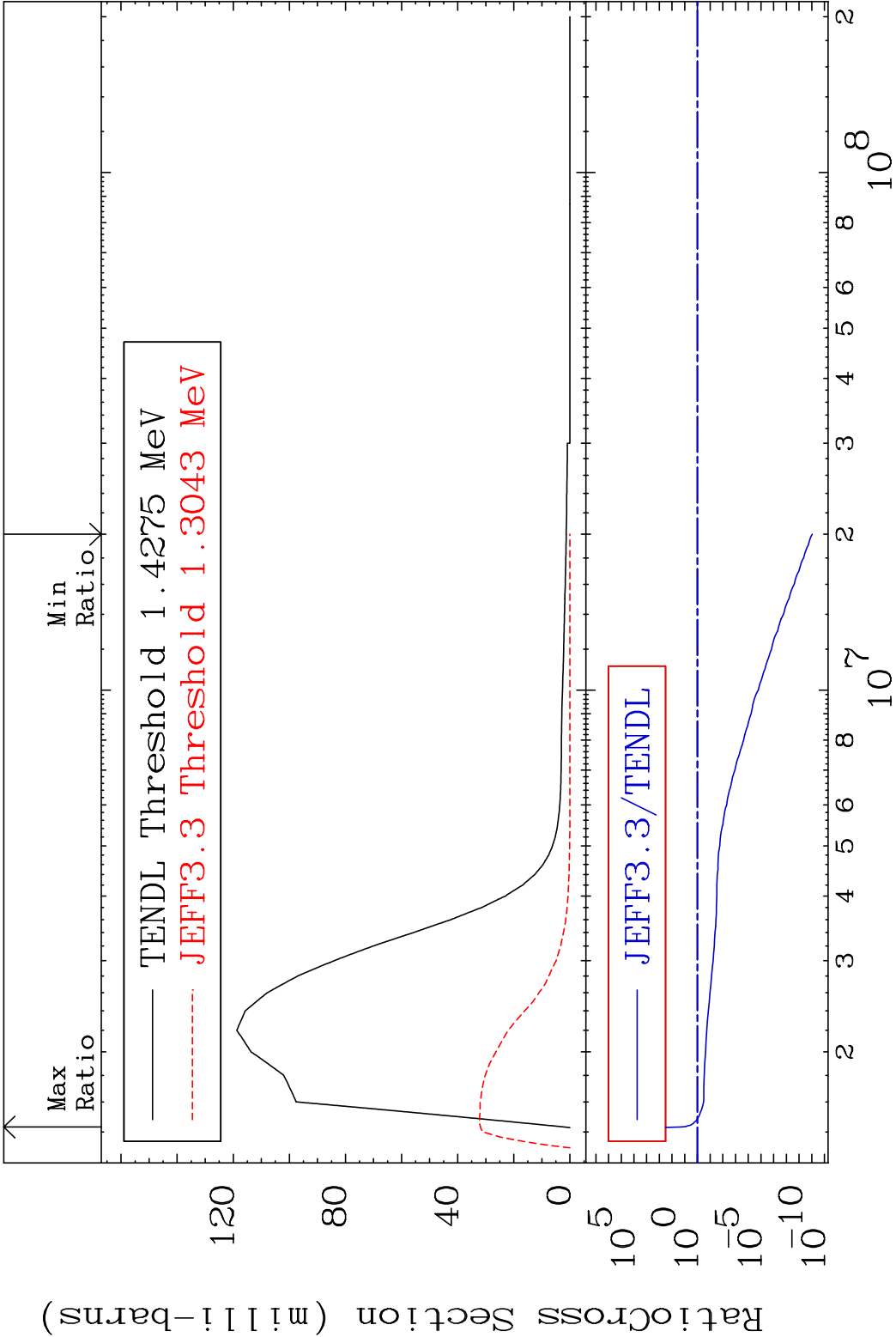


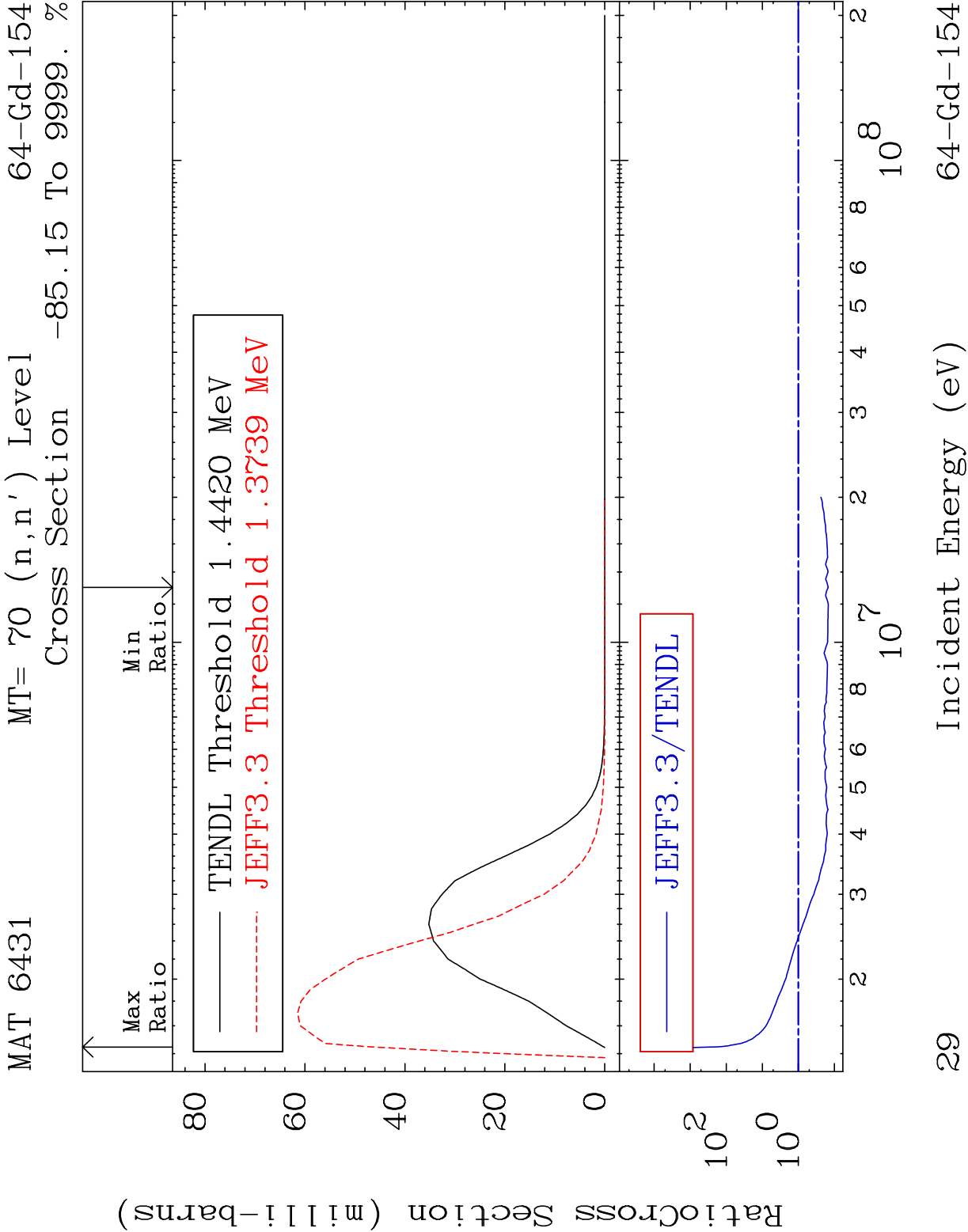
MAT 6431	MT= 66 (n,n')	Level	64-Gd-154
	Cross Section	-86.80 To 9999. %	



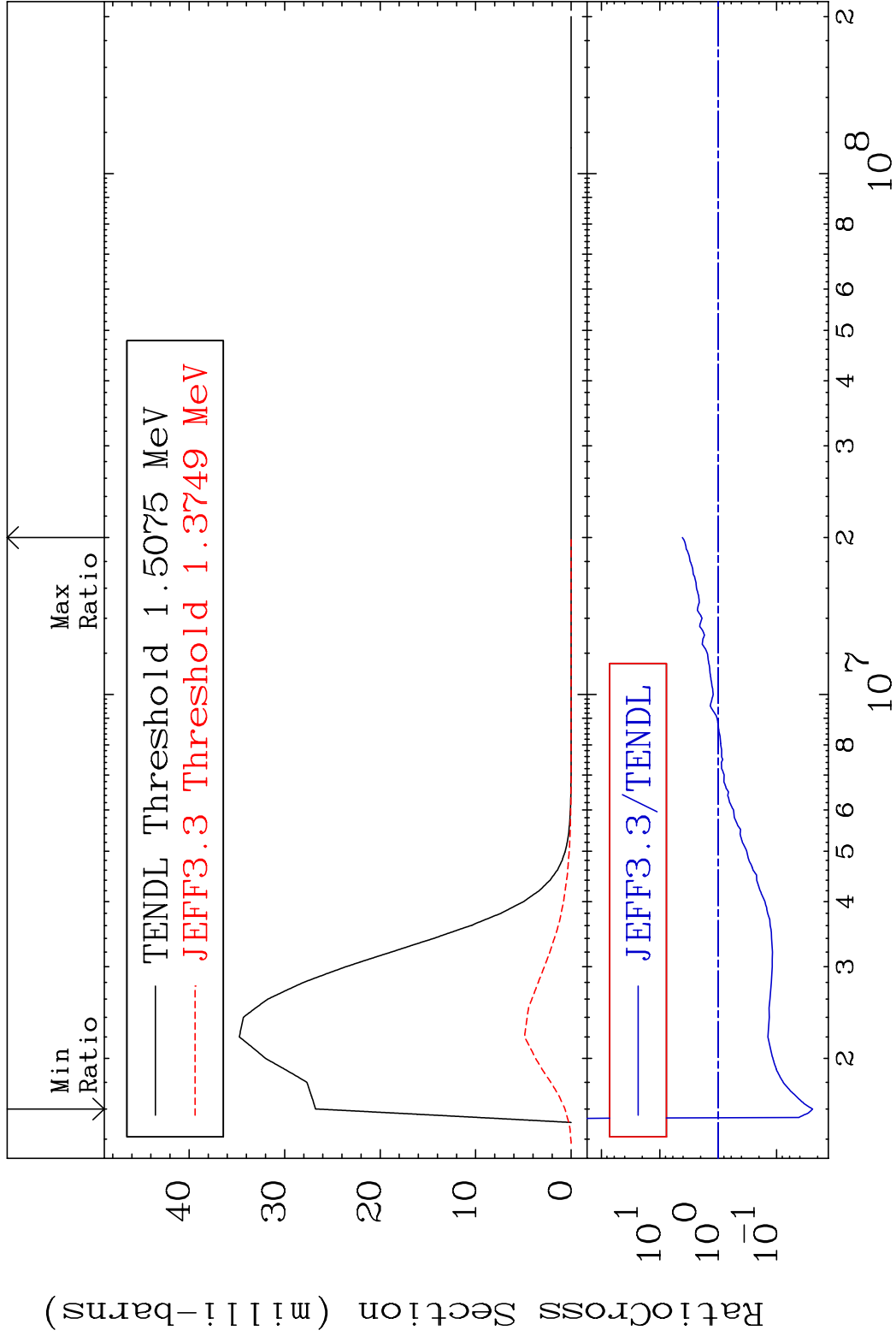


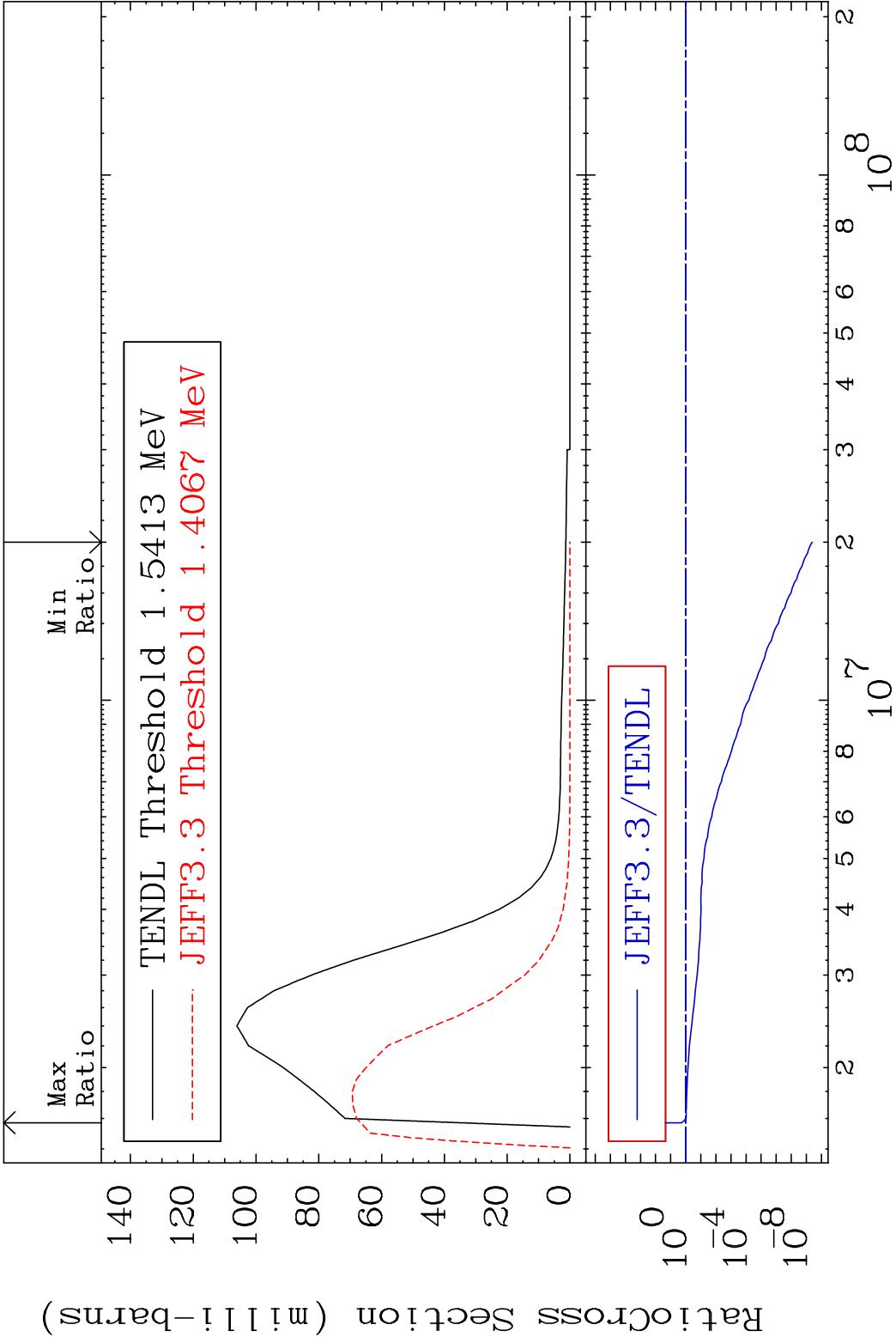






MAT 6431 MT= 71 (n,n') Level 64-Gd-154
Cross Section -97.57 To 311.0 %





MAT 6431

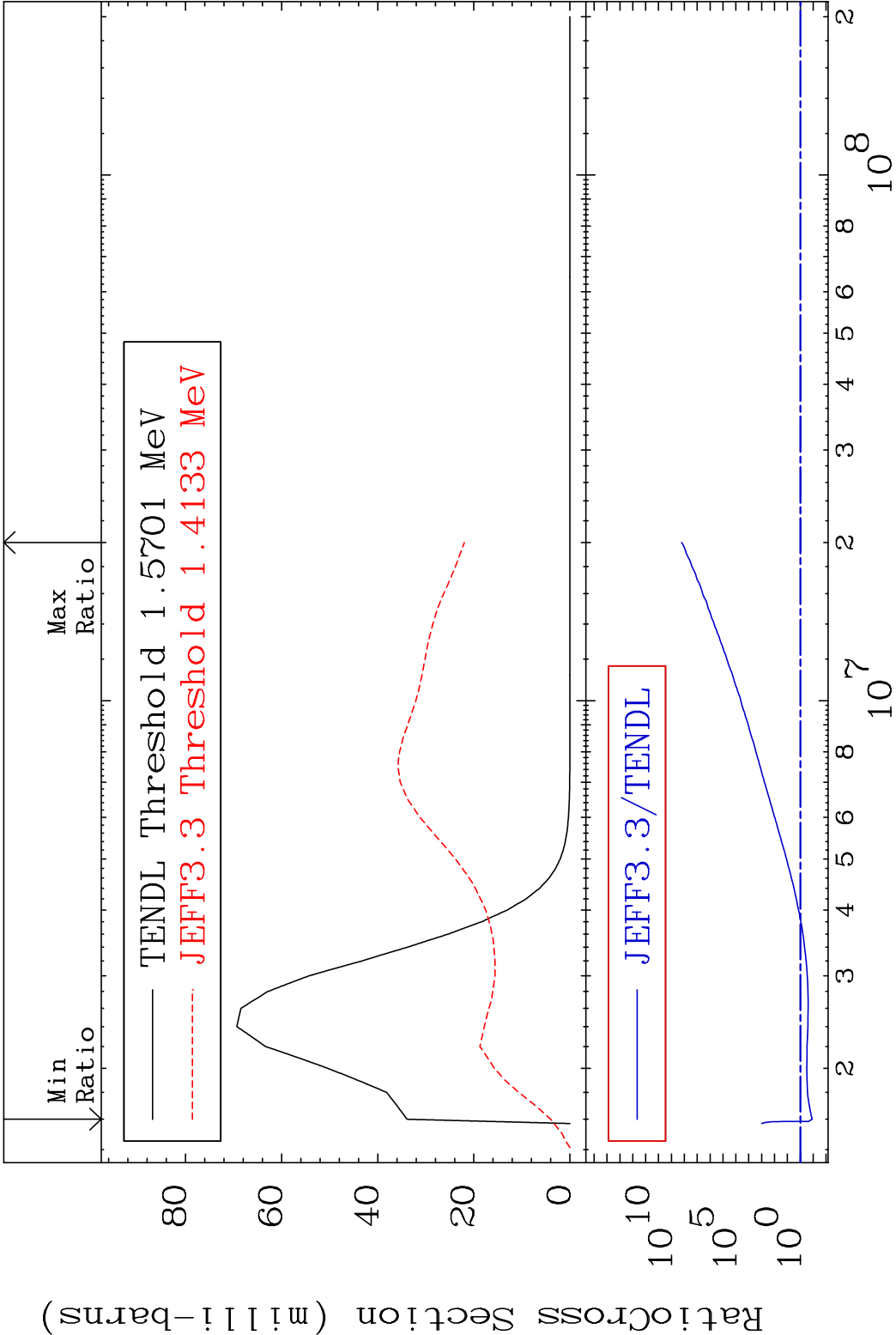
MT= 73 (n,n')

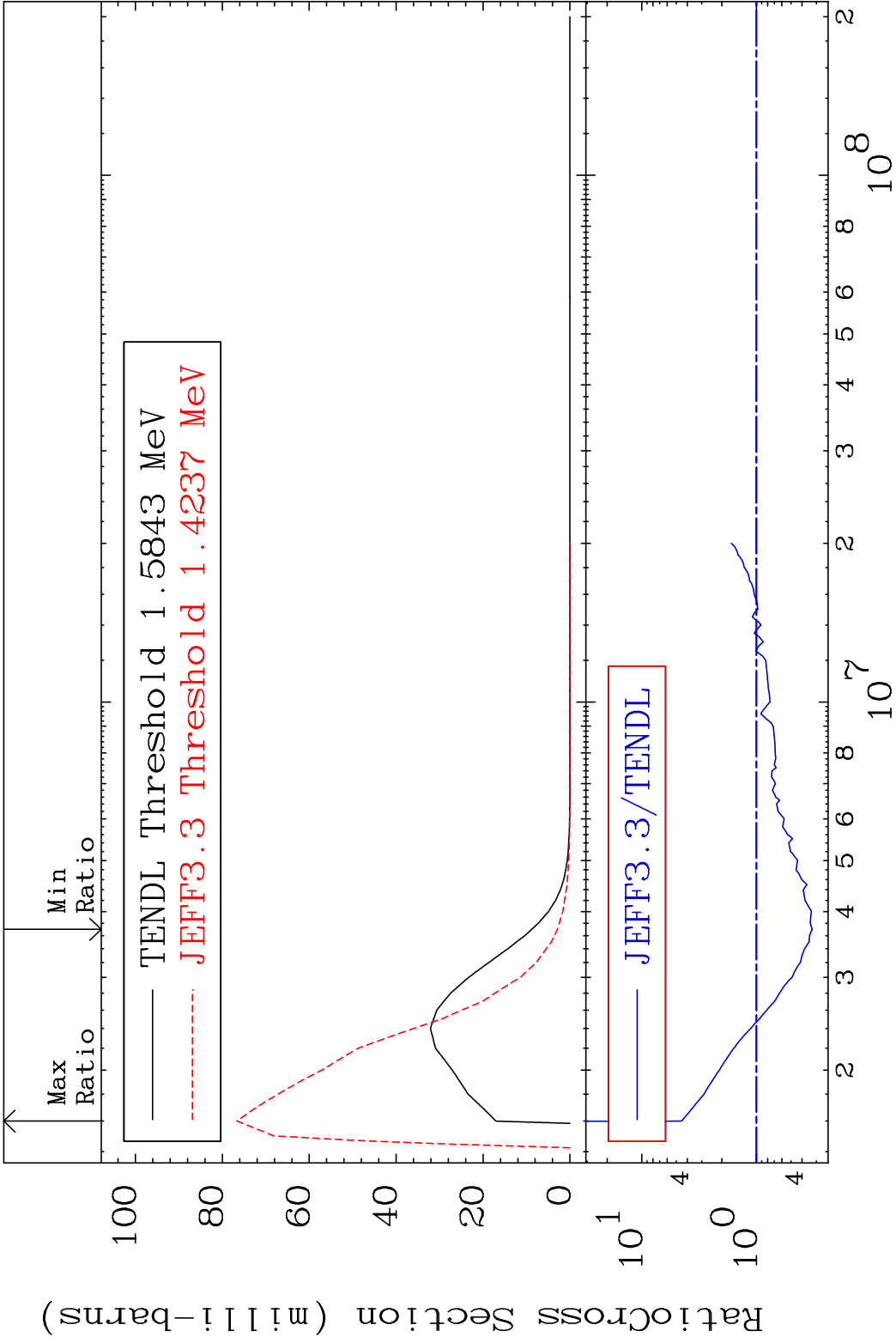
Level

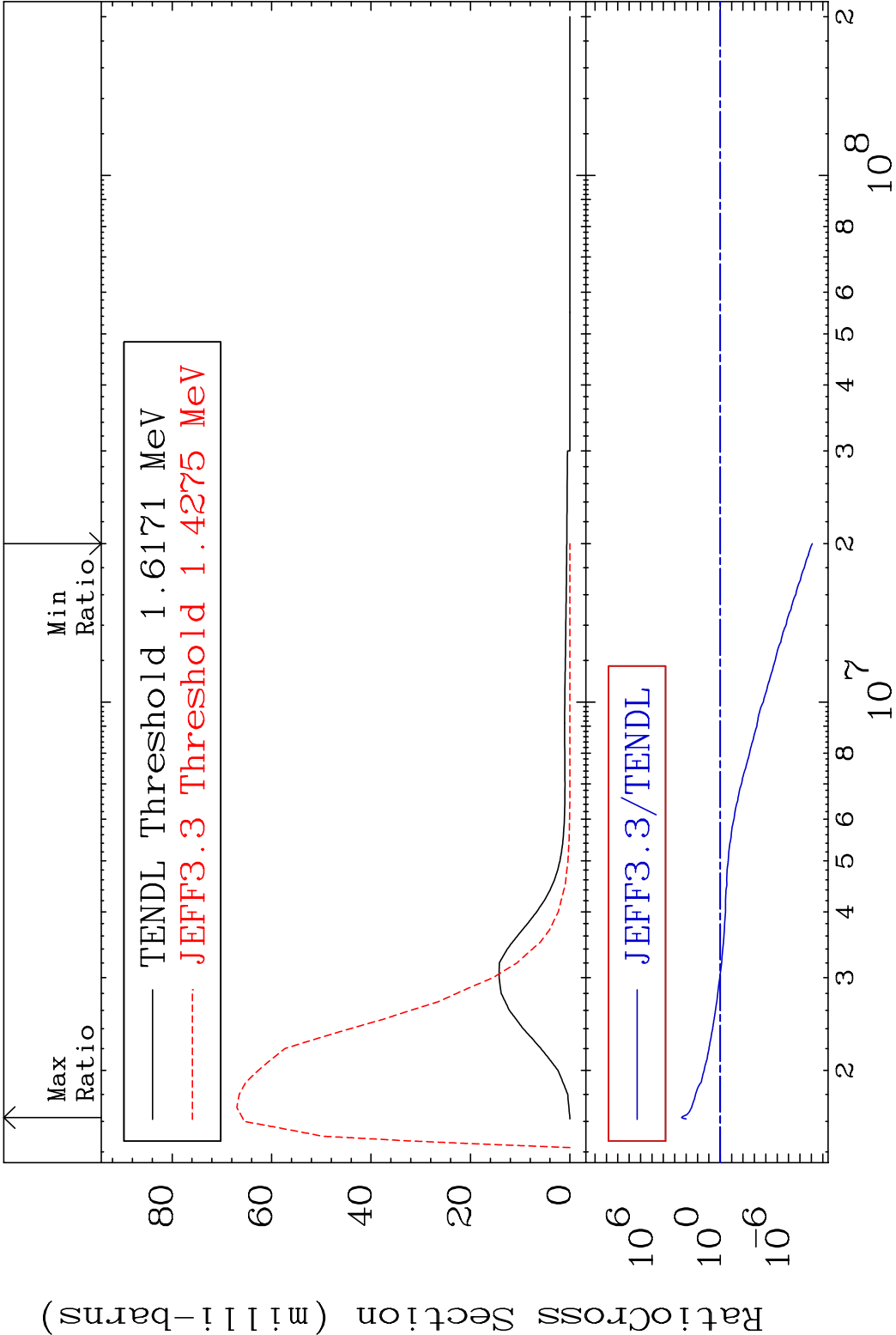
64-Gd-154

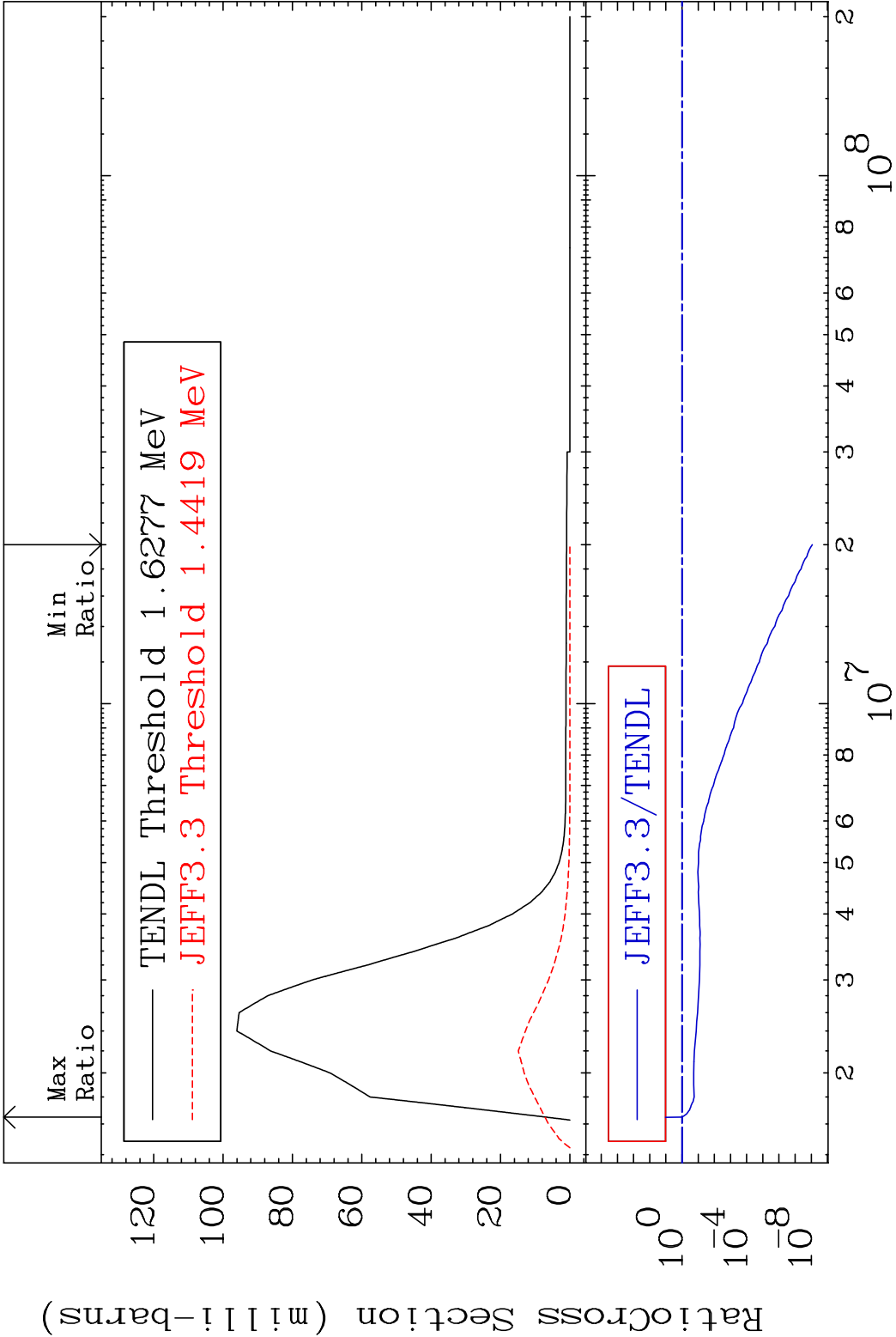
Cross Section

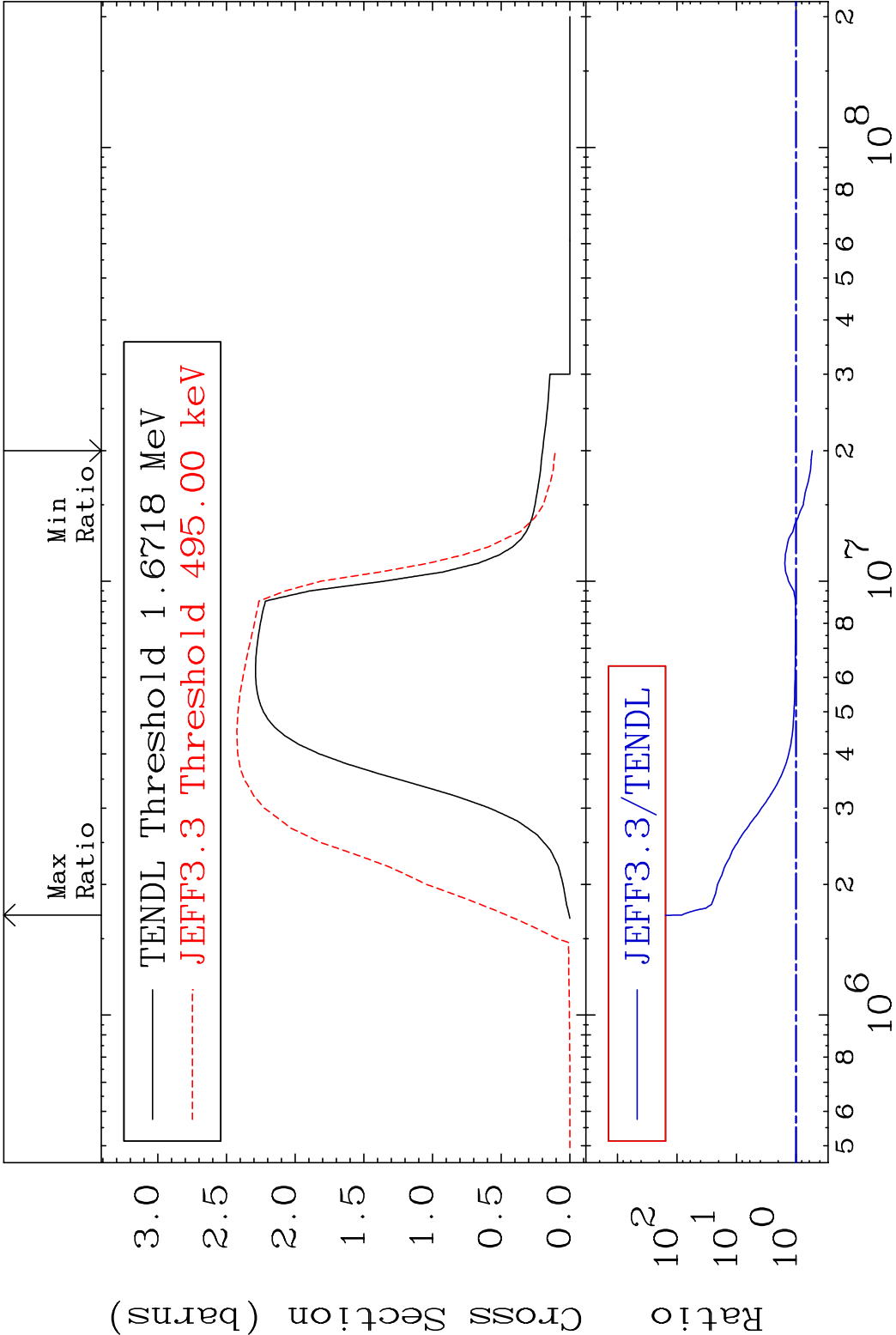
-88.14 To 9999. %

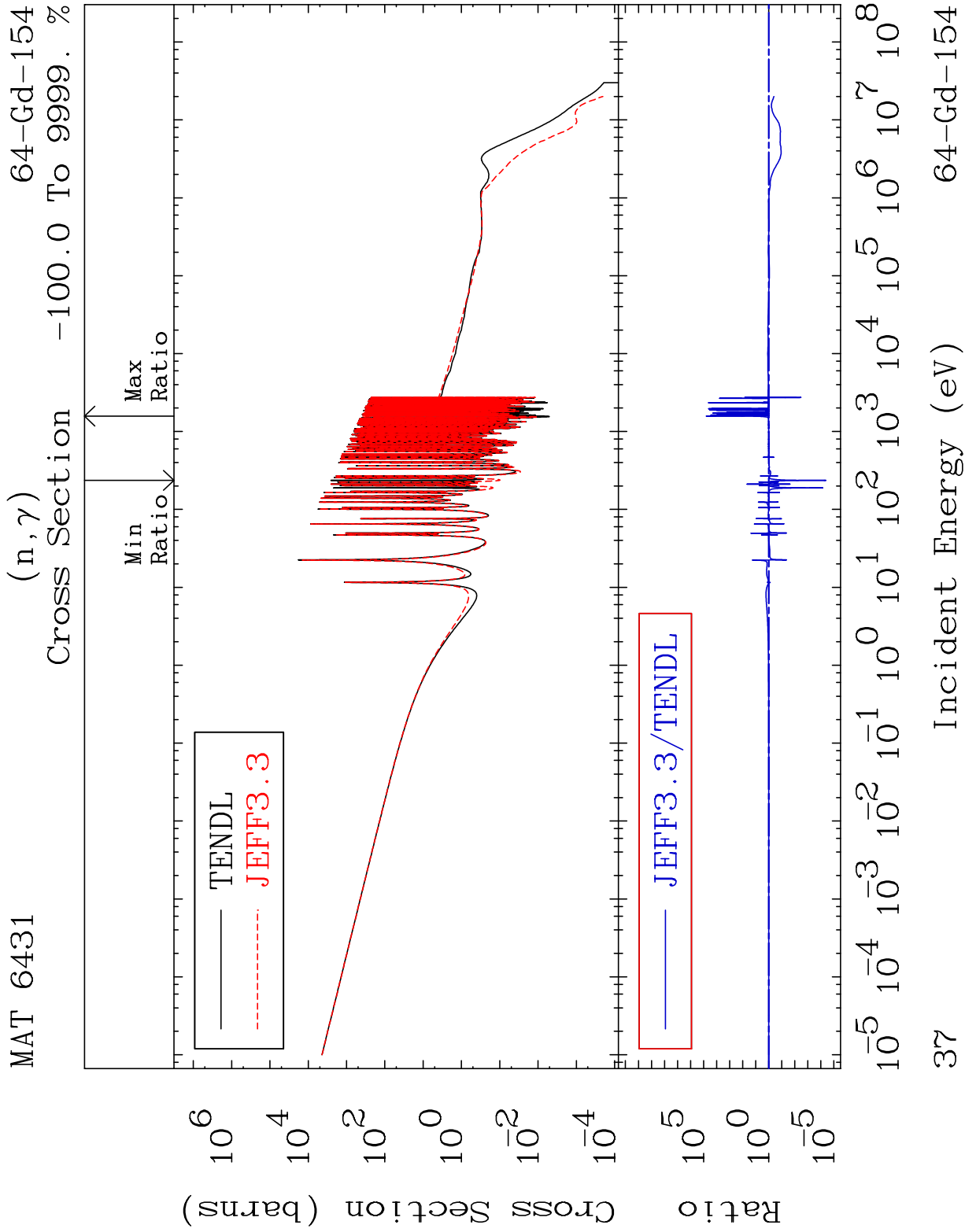


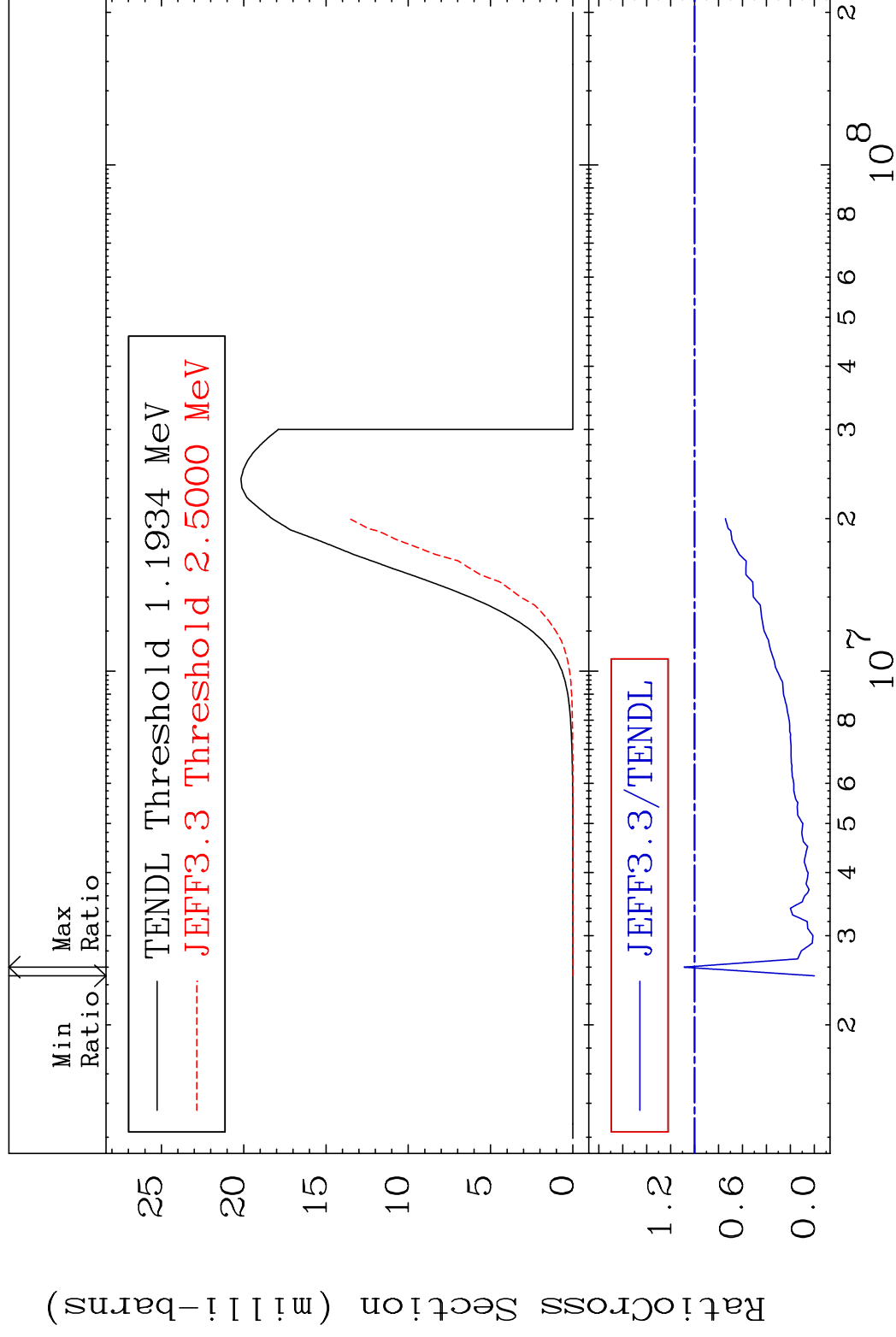


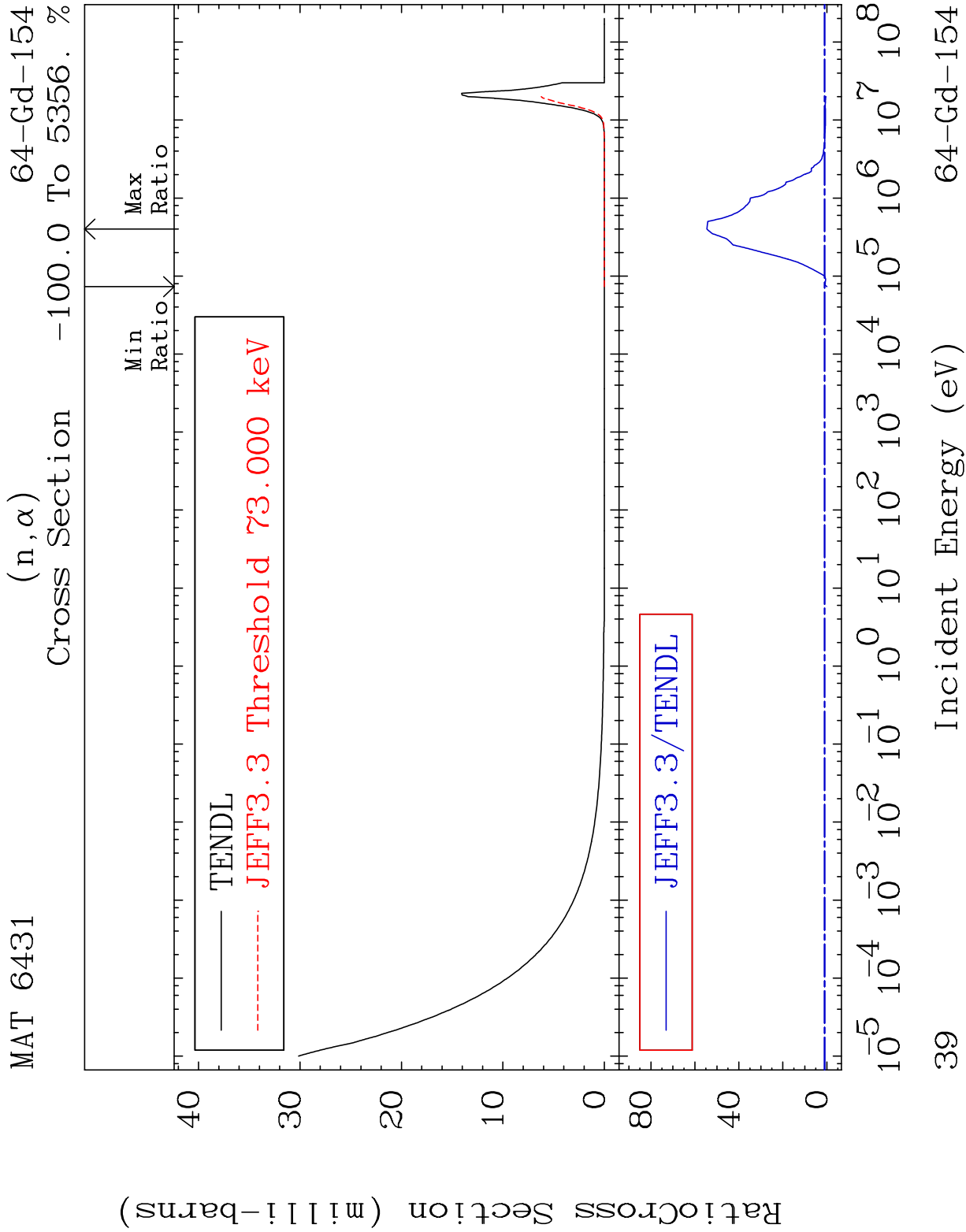










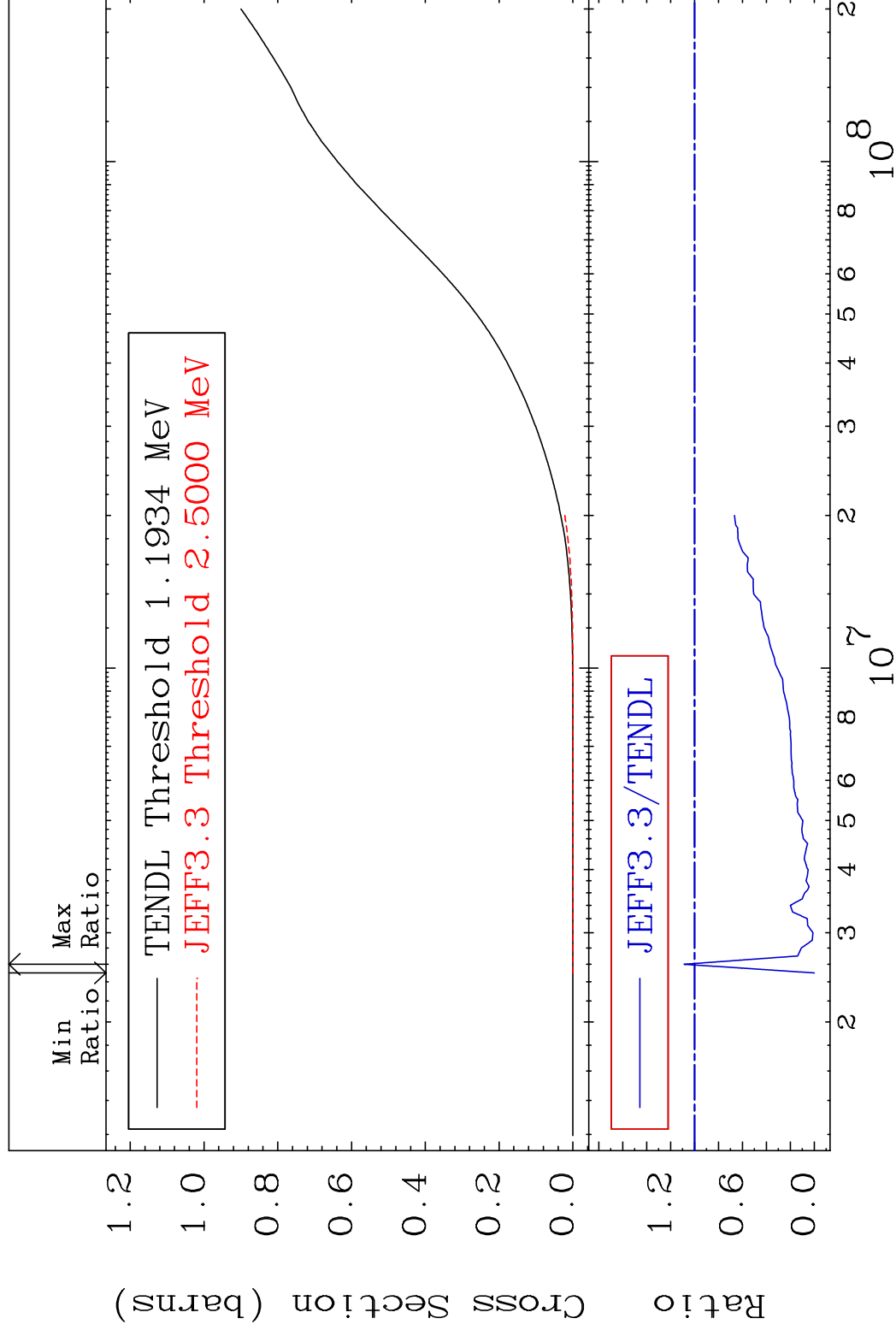


MAT 6431

Hydrogen Production

64-Gd-154

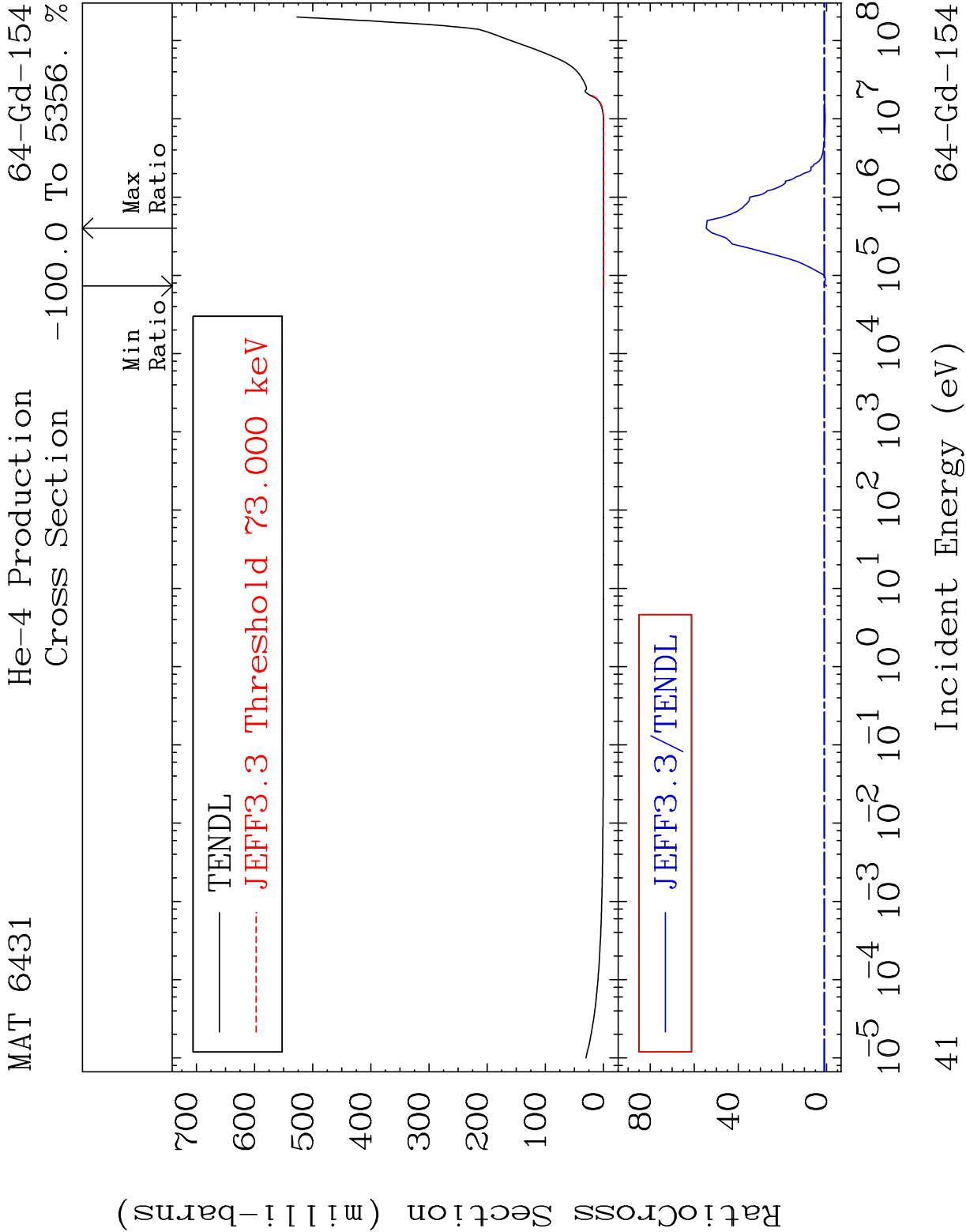
Cross Section -100.0 To 8.772 %

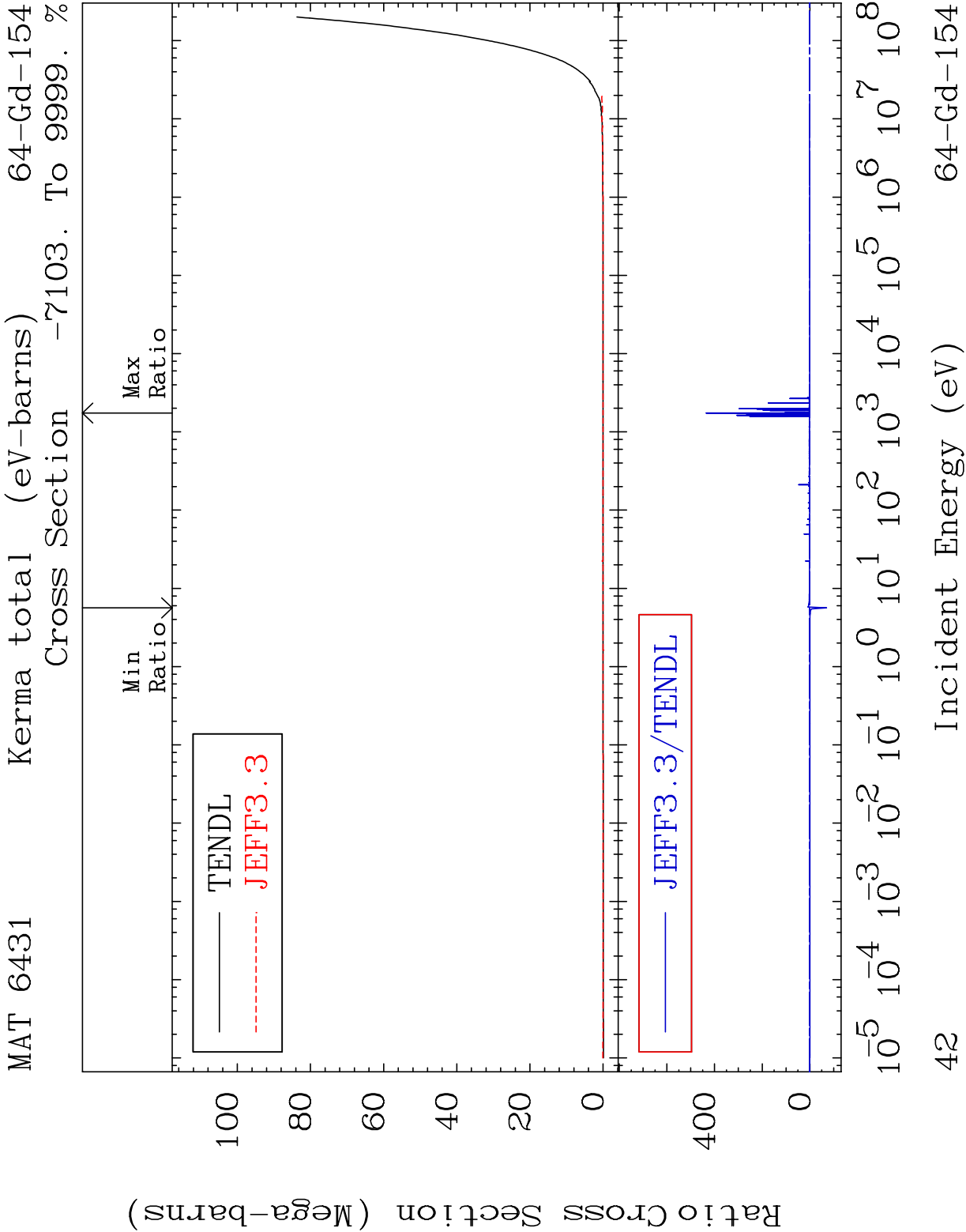


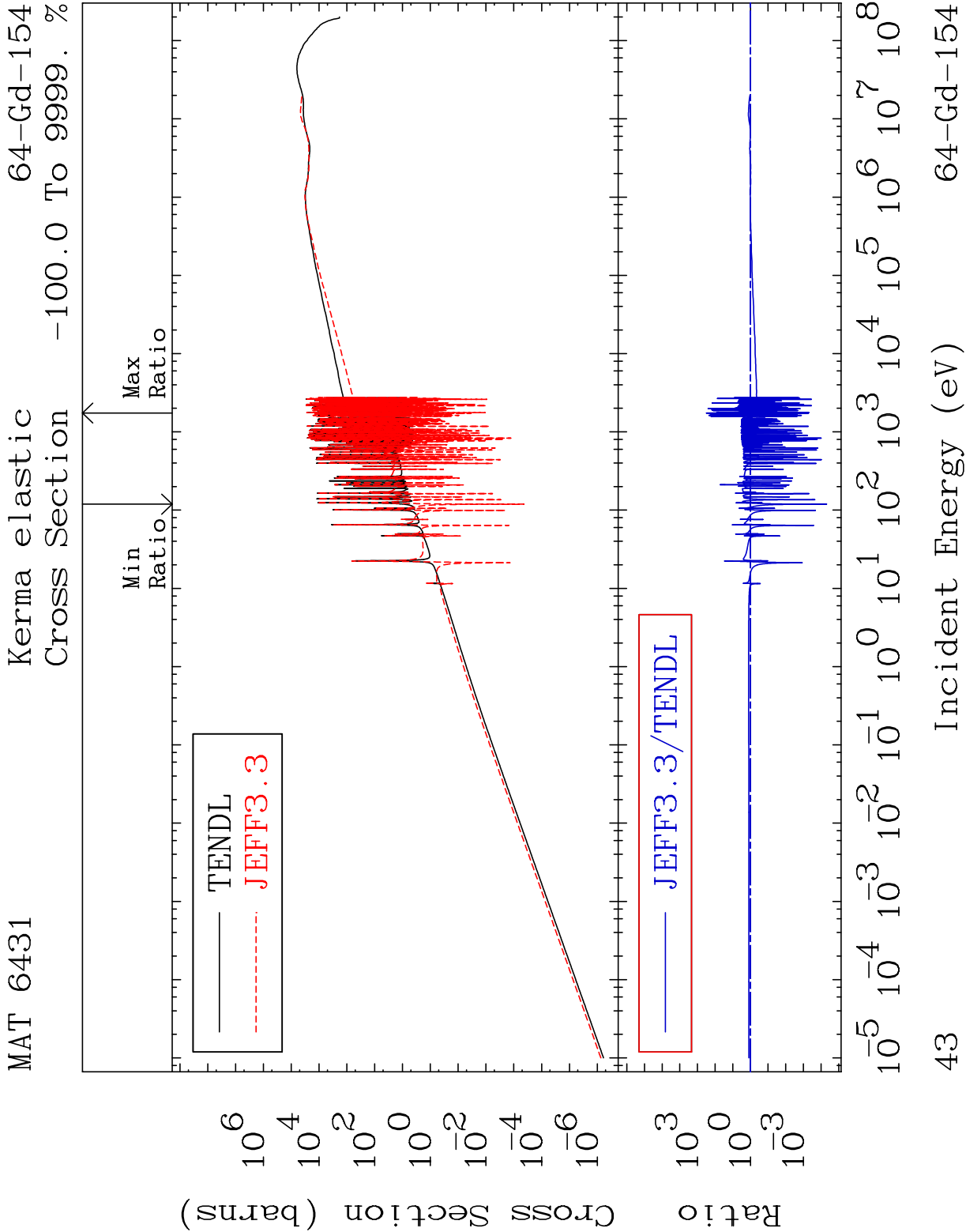
40

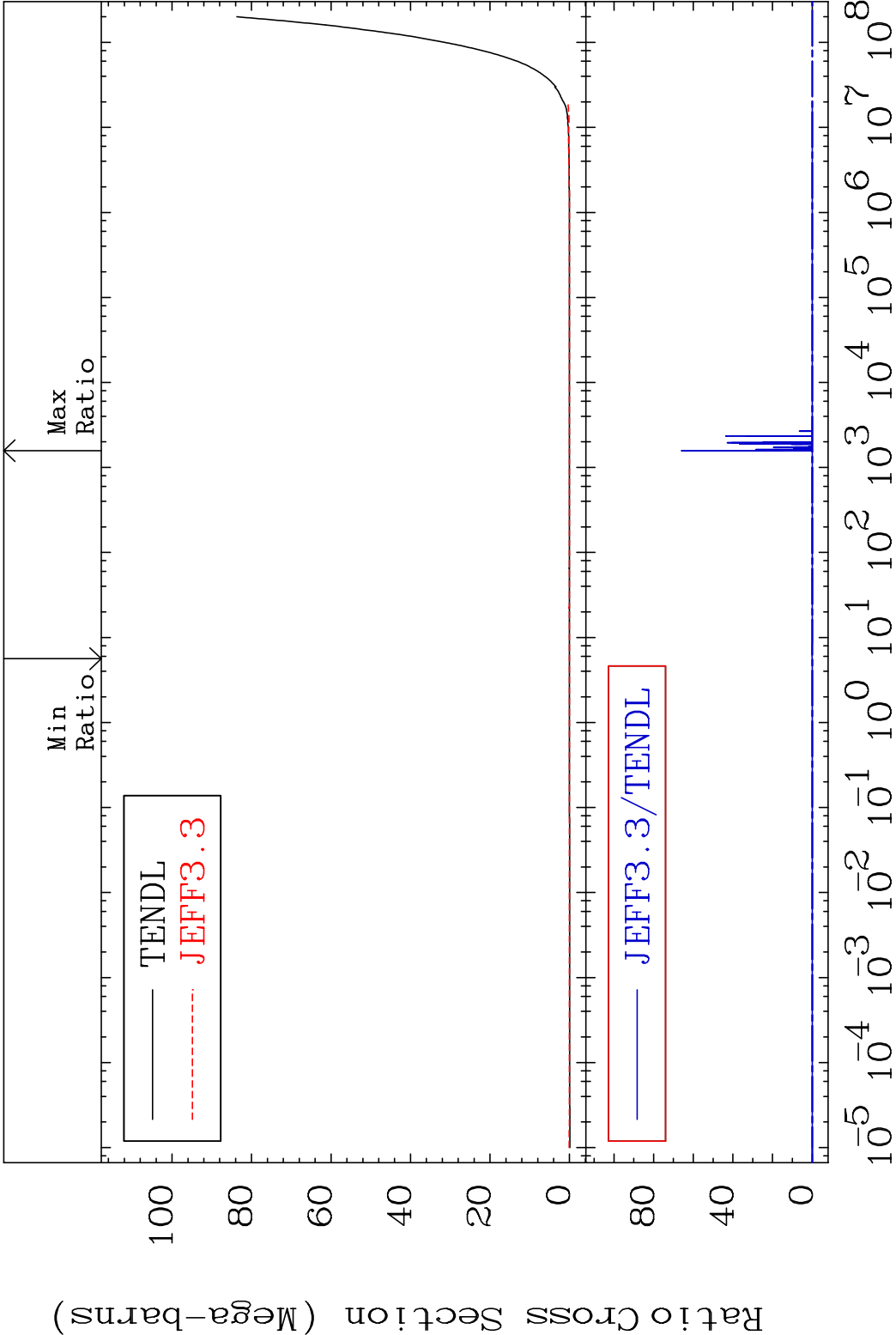
Incident Energy (eV)

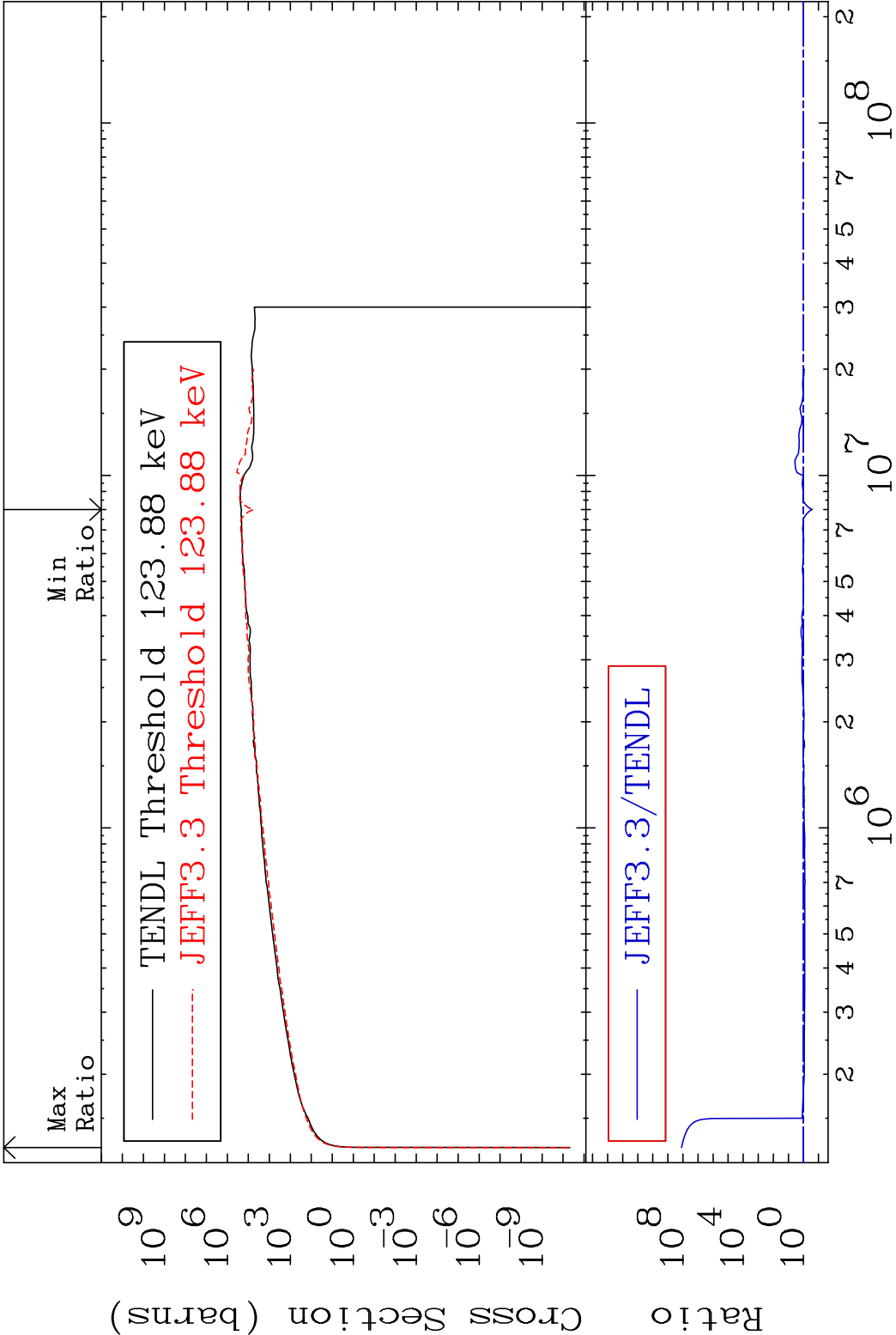
64-Gd-154



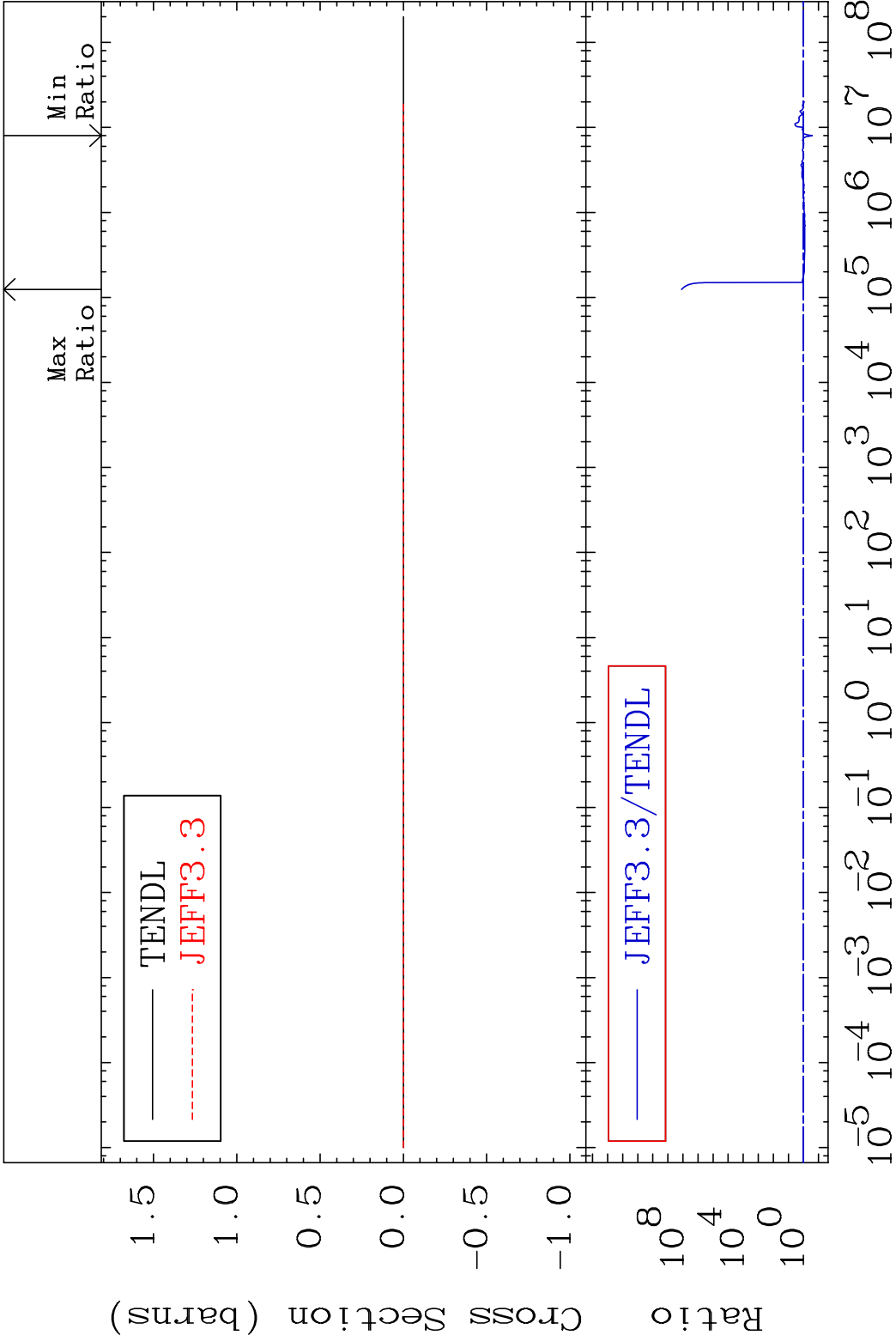


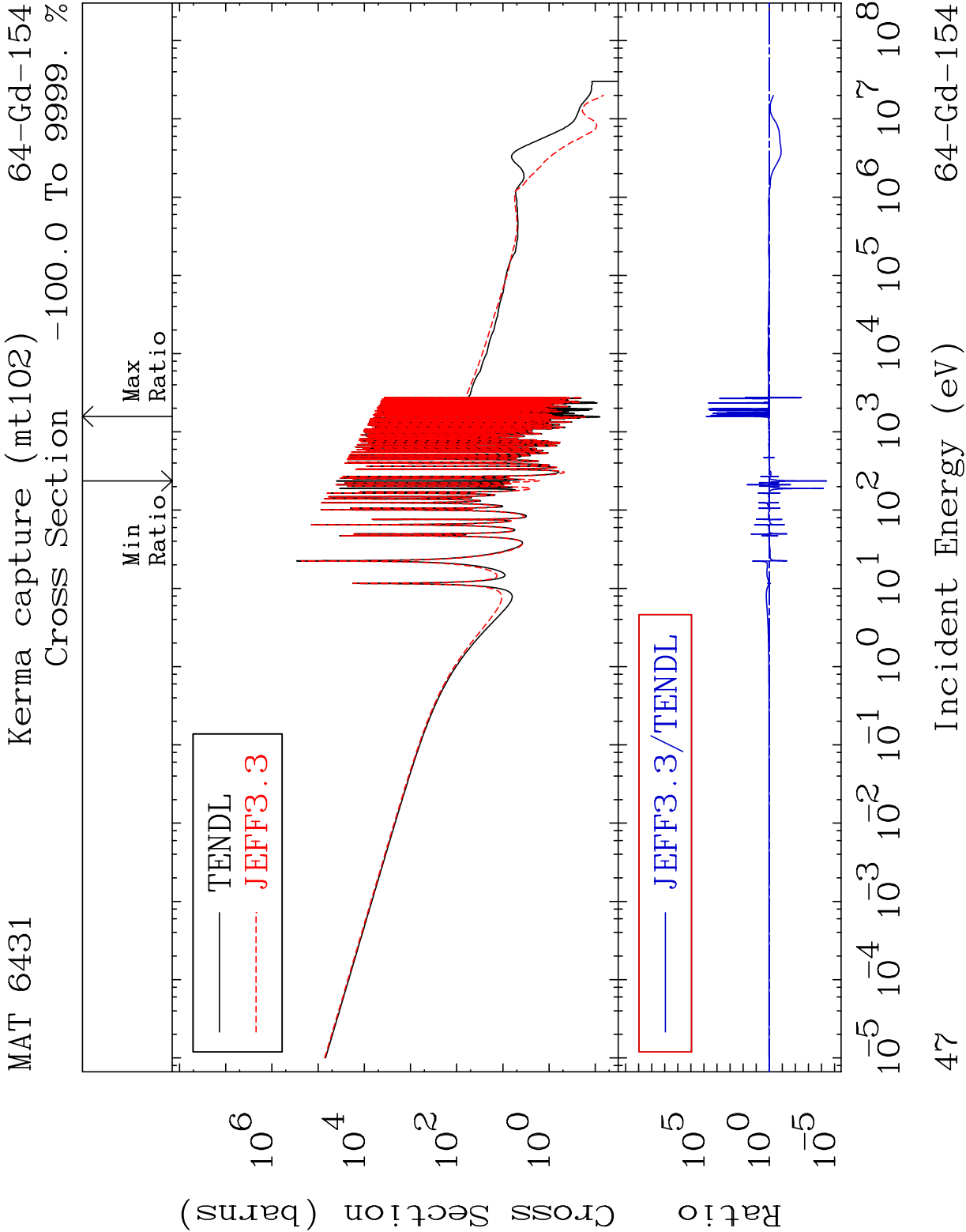




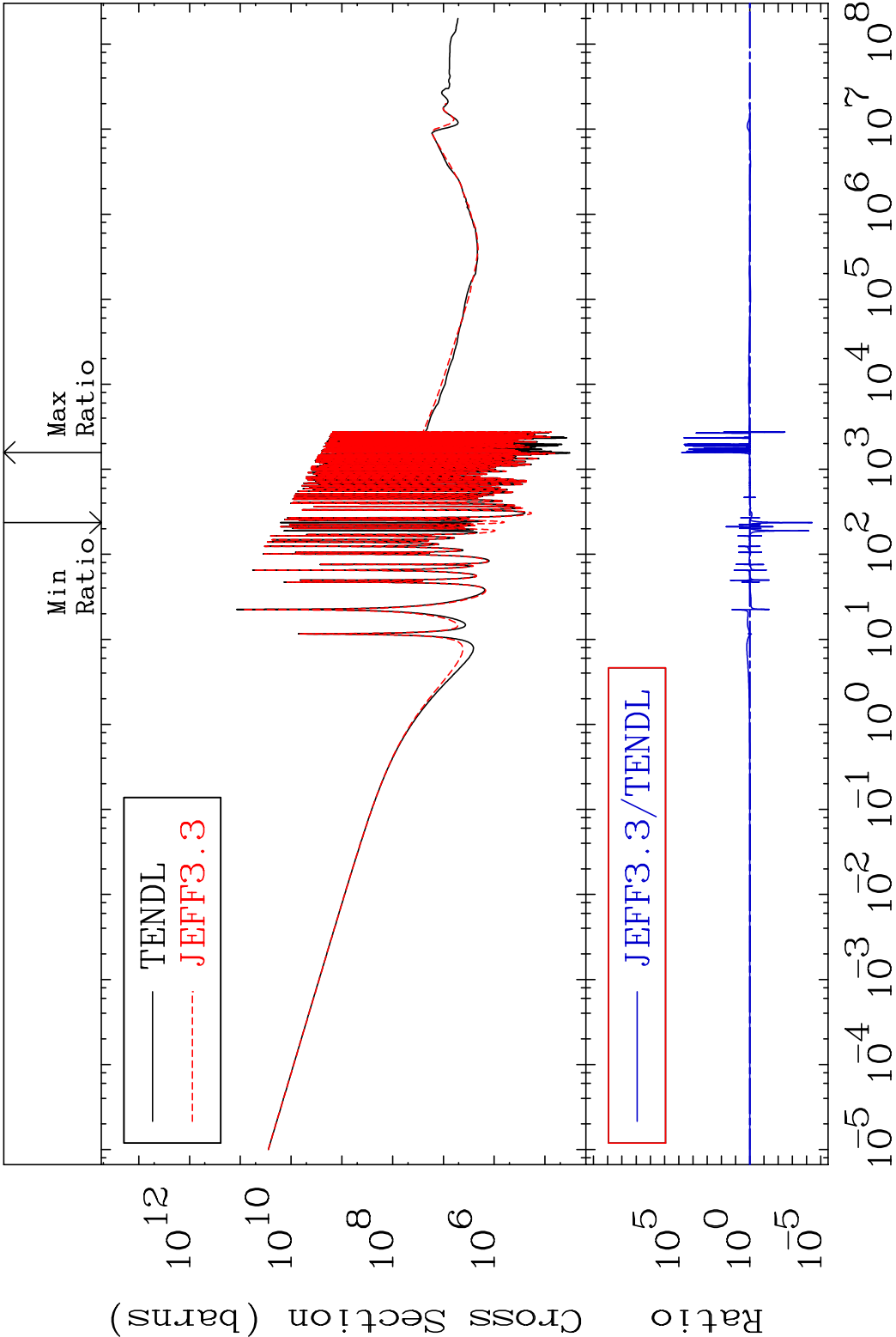


MAT 6431 Kerma fission (mt18 or mt19-20-21-38)64-Gd-154
Cross Section -73.97 To 9999. %



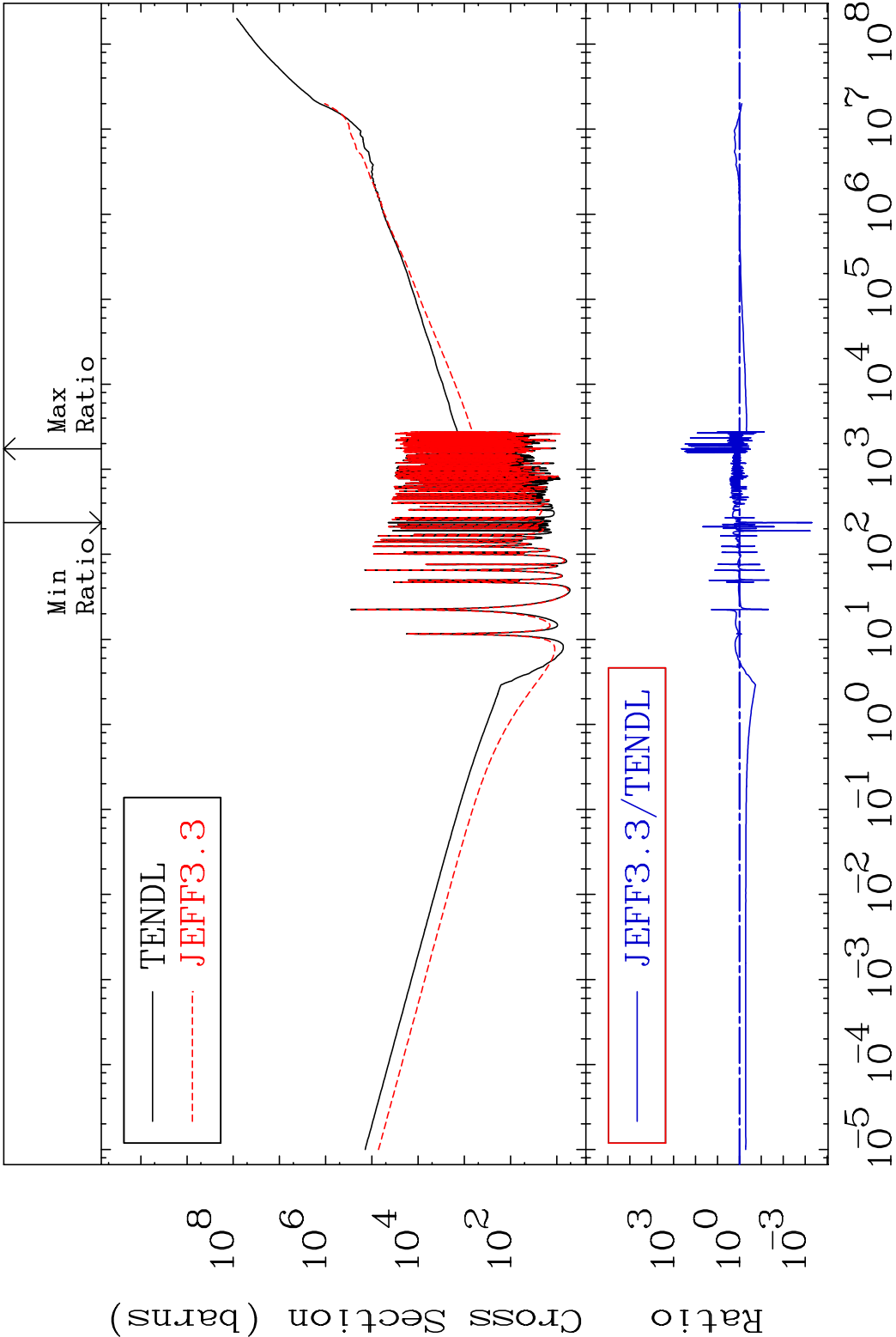


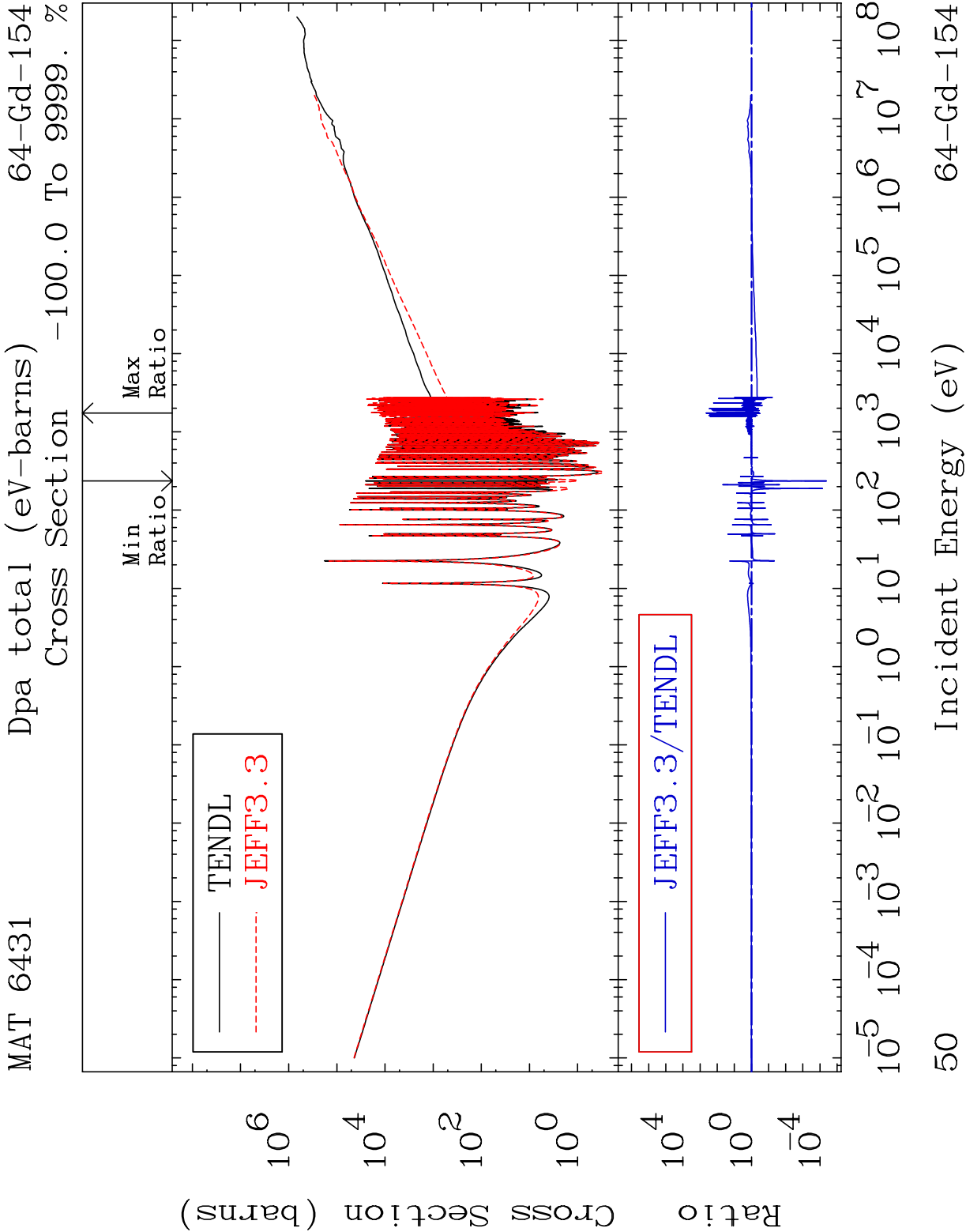
MAT 6431 Total photon (eV-barns) 64-Gd-154
 Cross Section -100.0 To 9999. %

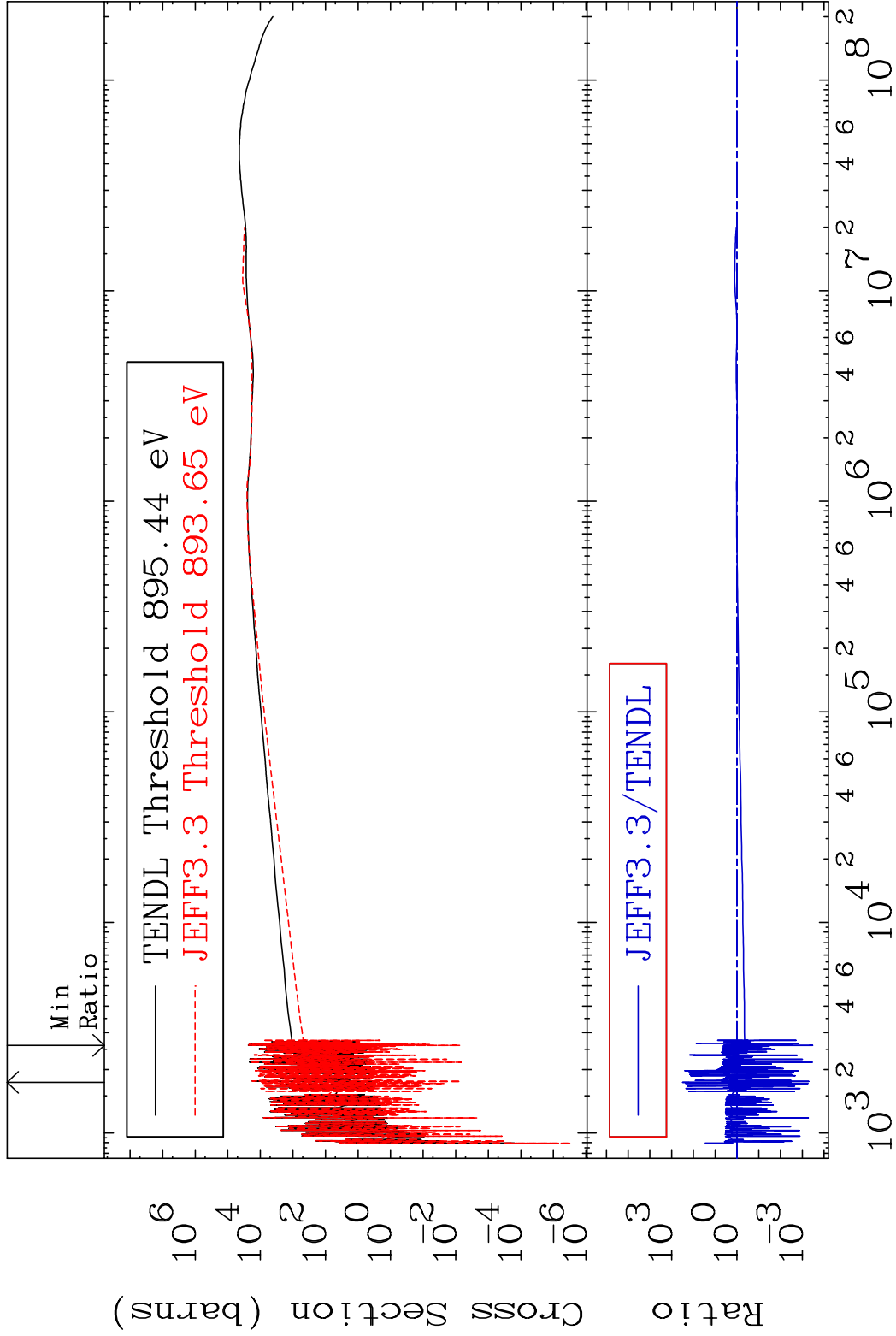


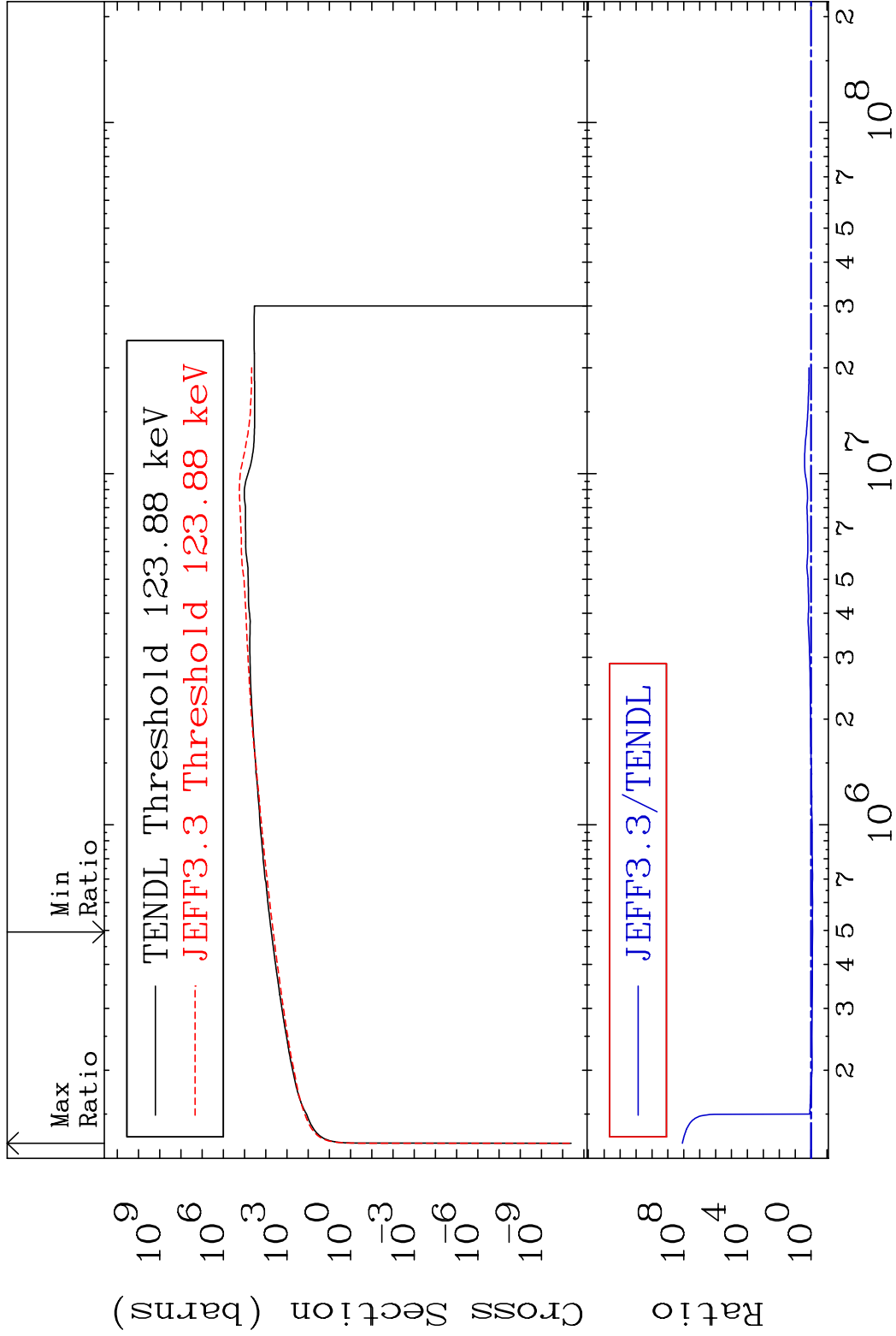
48 Incident Energy (eV) 64-Gd-154

MAT 6431 Total kinematic kerma (high limit) 64-Gd-154
Cross Section -99.95 To 9999. %









MAT 6431 Dpa disappearance (mt102 -120) 64-Gd-154
Cross Section -100.0 To 9999. %

