

Program Complot
(Version 2021-1)

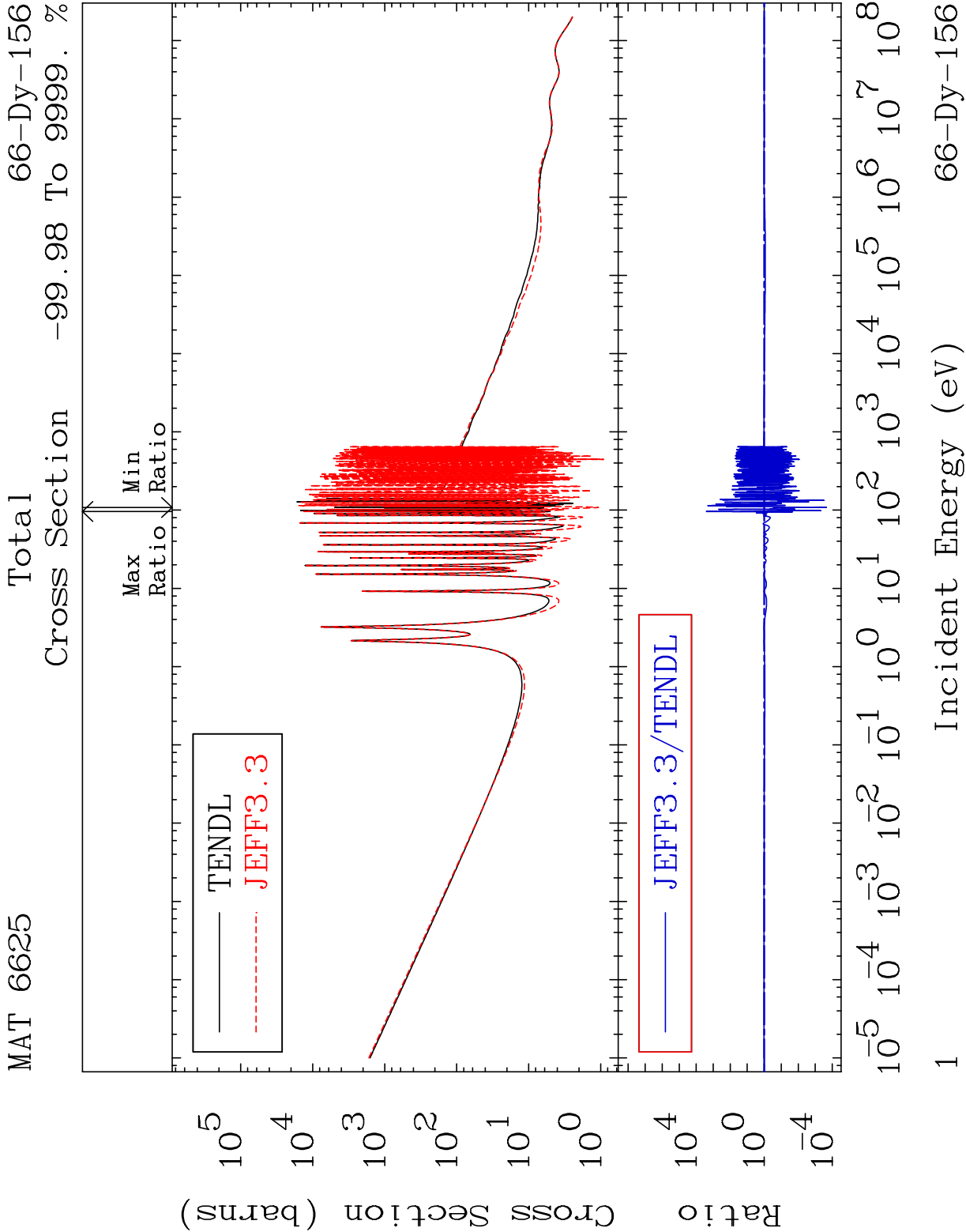
by

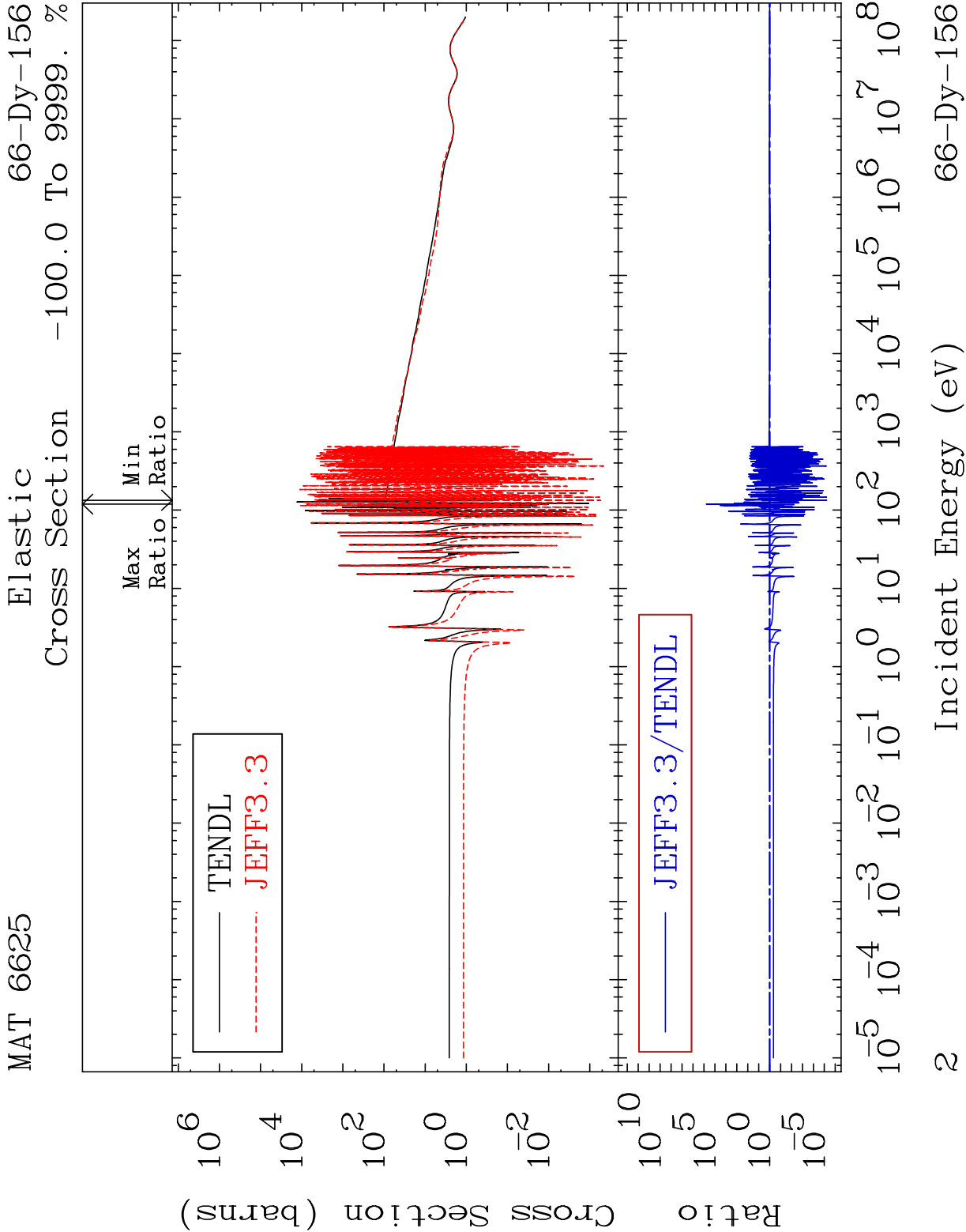
Dermott E. Cullen
(Present Contact Information)

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Press Mouse Button to Start



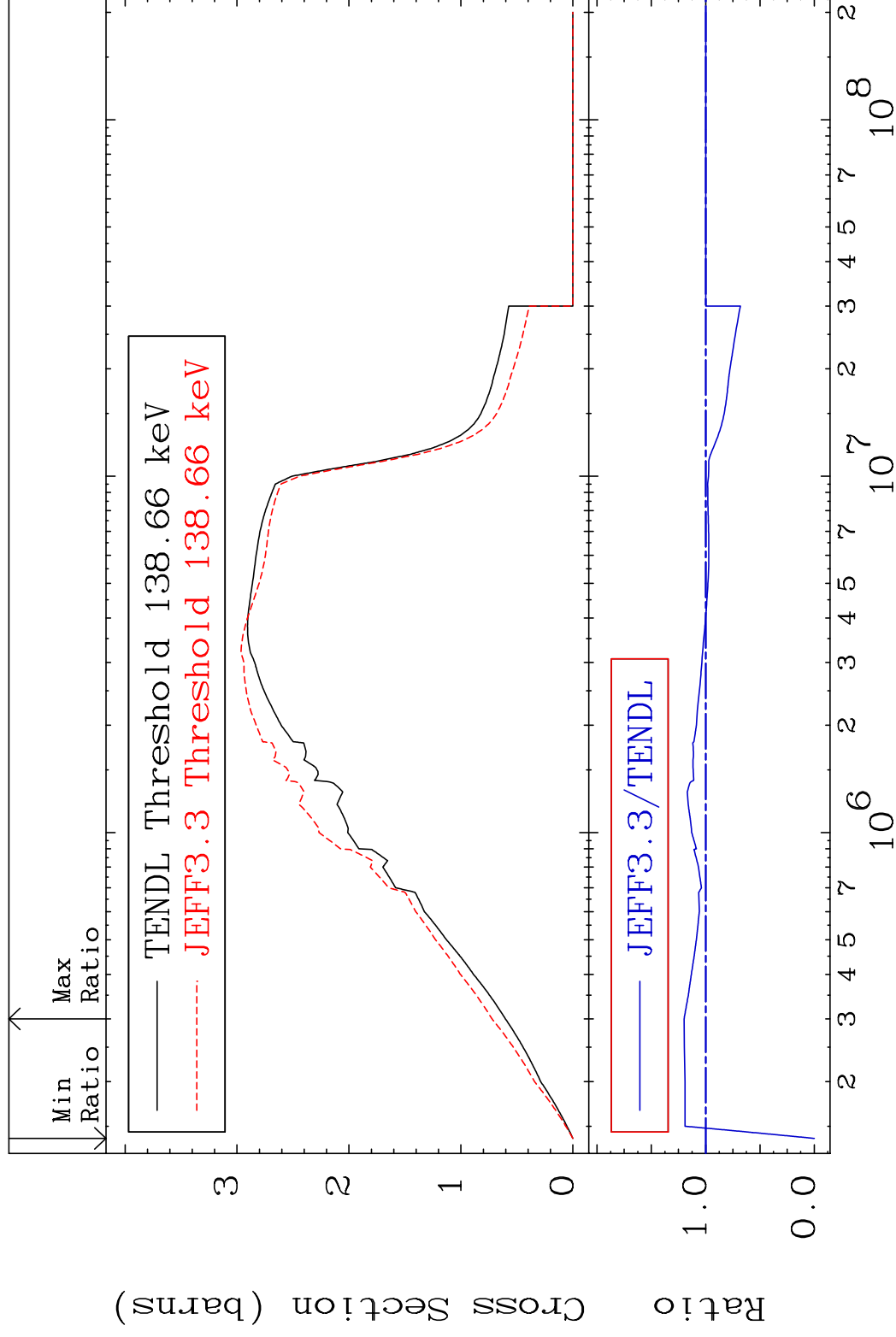


MAT 6625

Inelastic

66-Dy-156

Cross Section	-100.0	To 19.89 %
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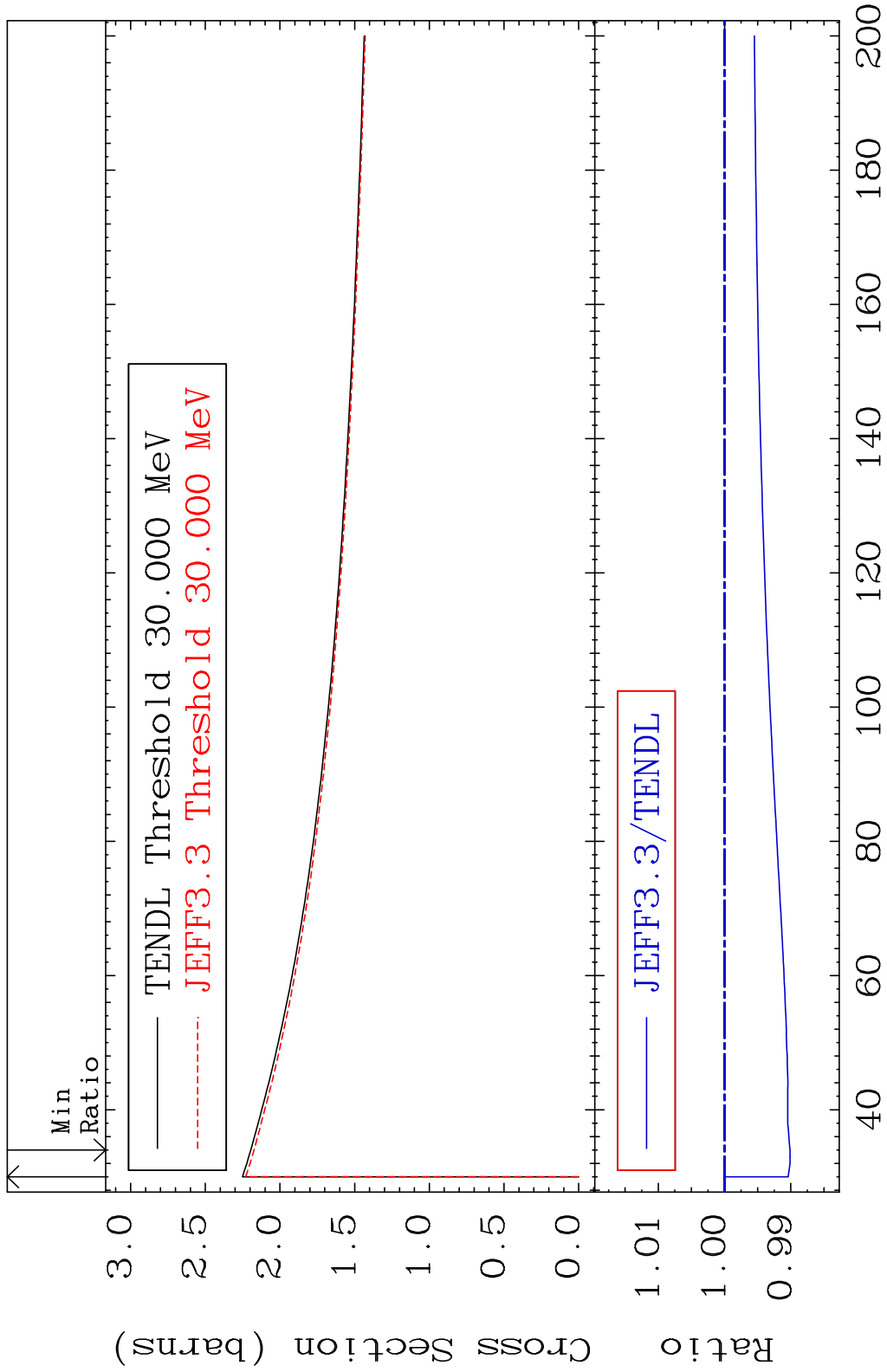


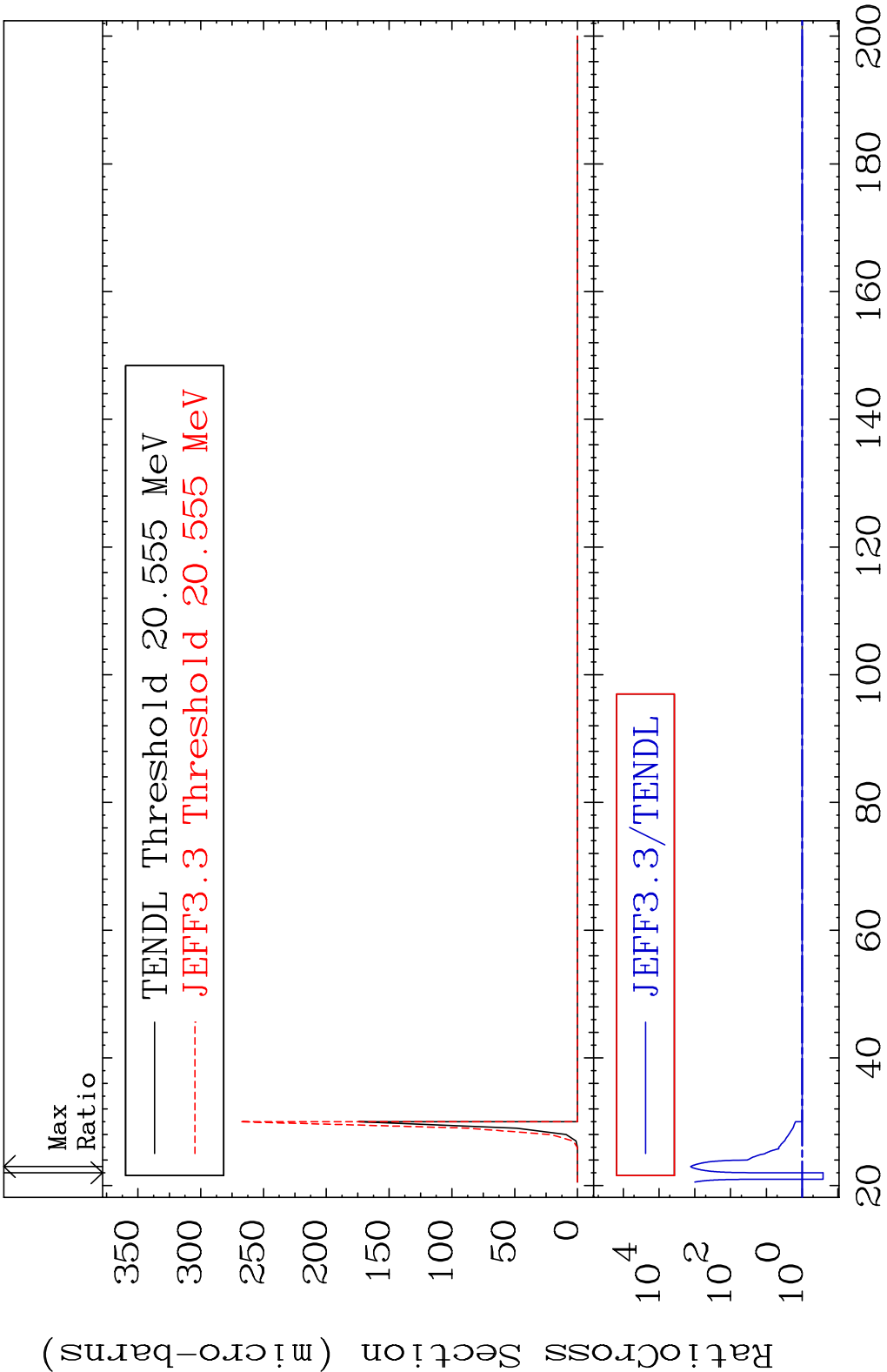
3

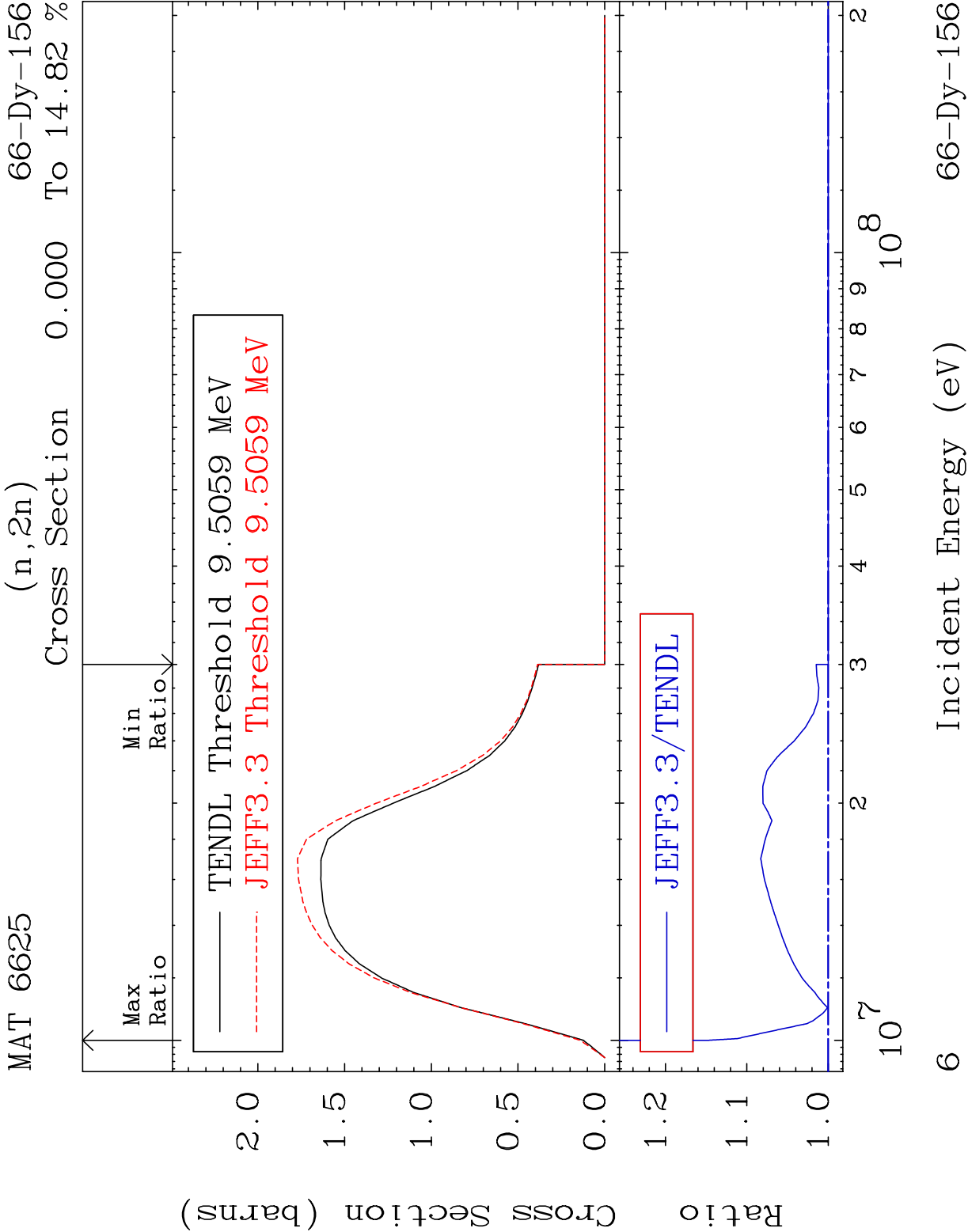
Incident Energy (eV)

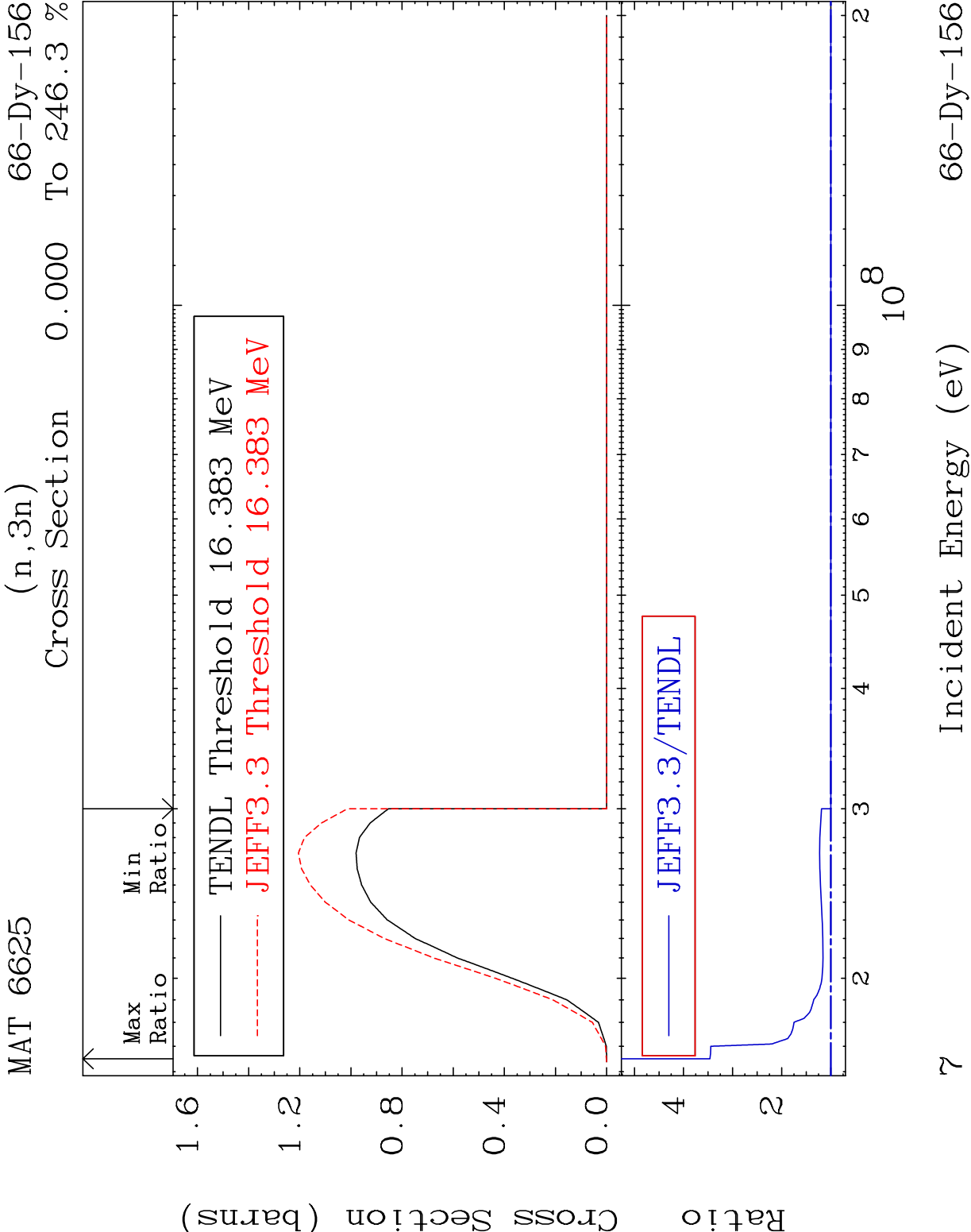
66-Dy-156

MAT 6625 (n, remainder) 66-Dy-156
Cross Section -0.988 To 0.000 %

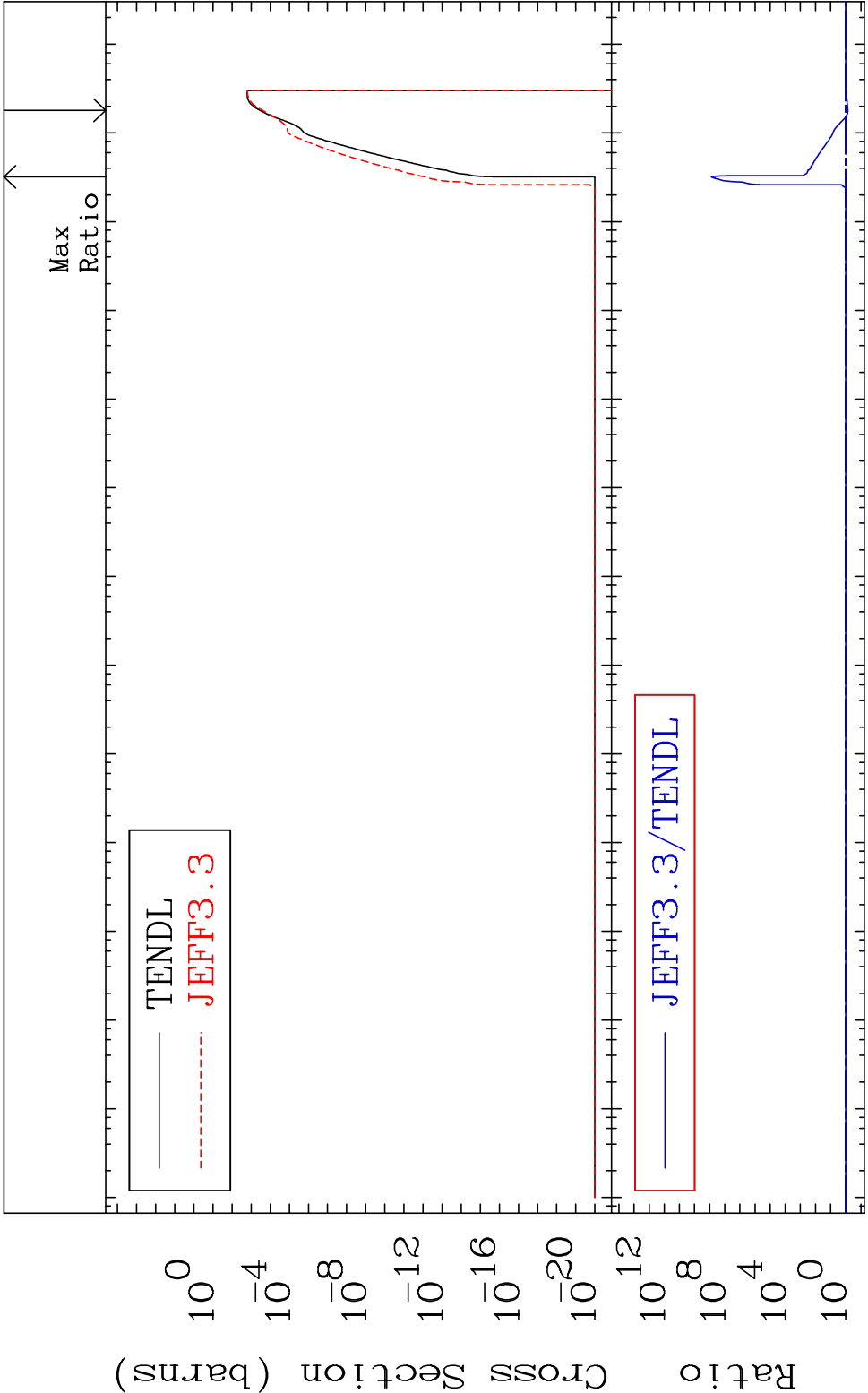


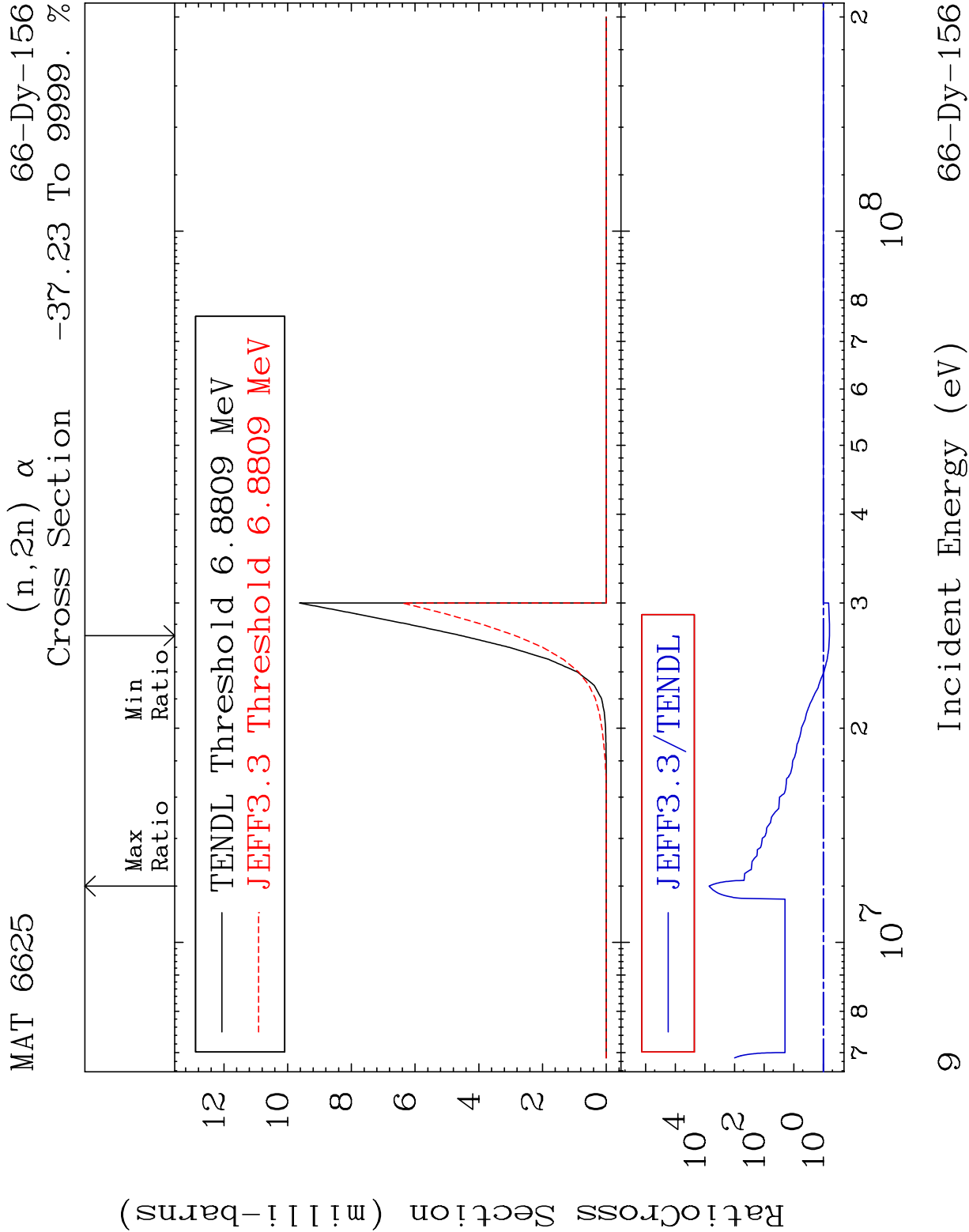


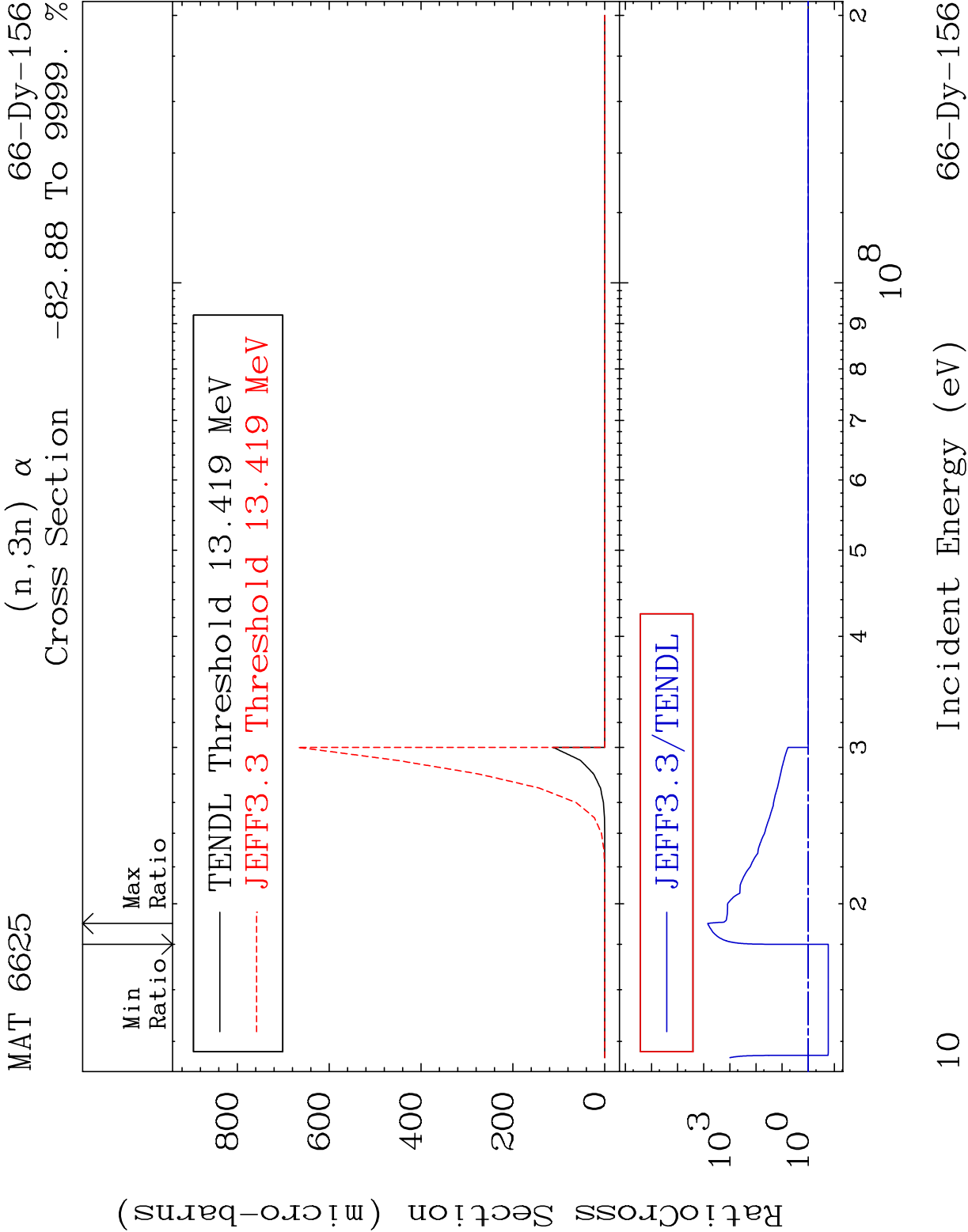


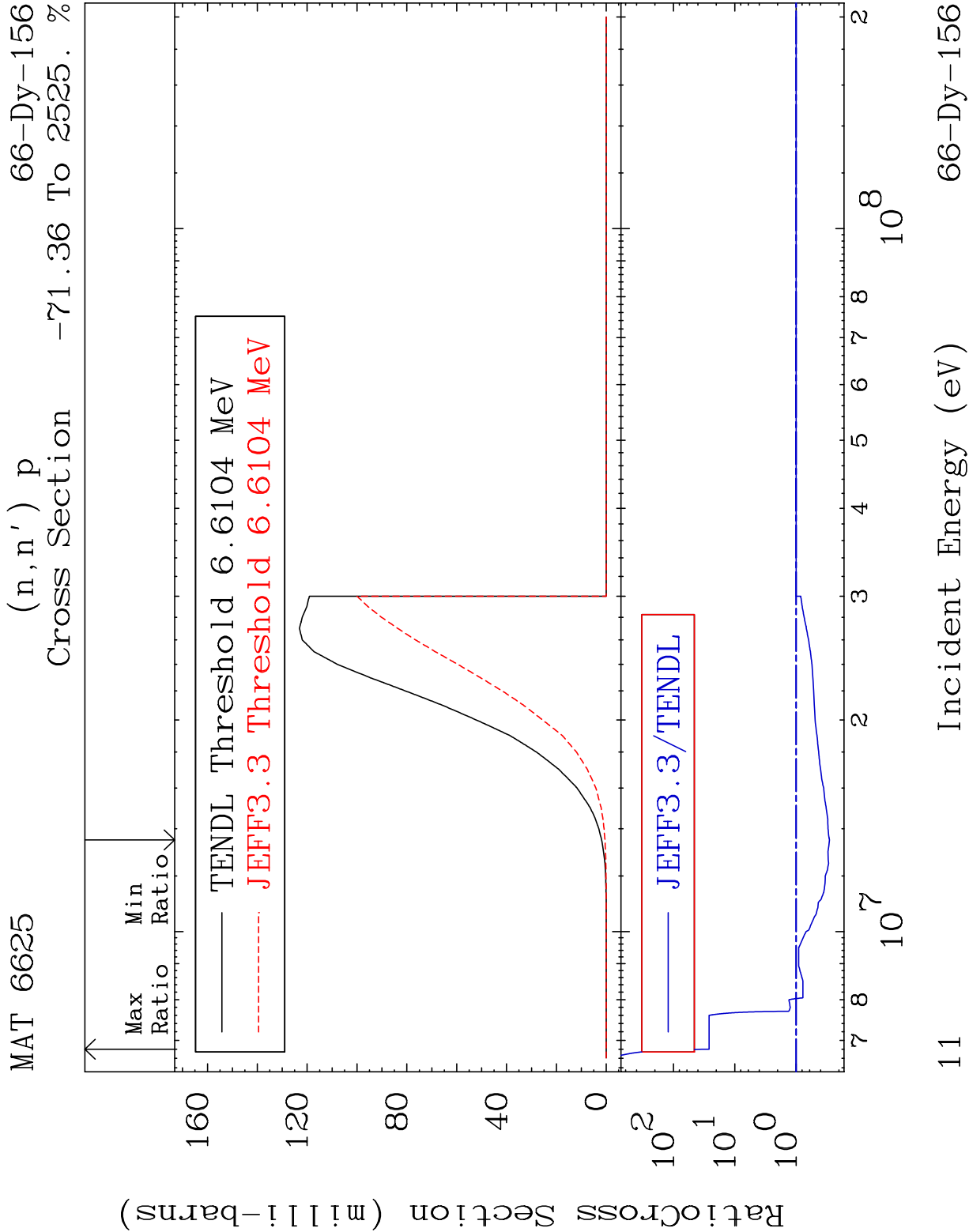


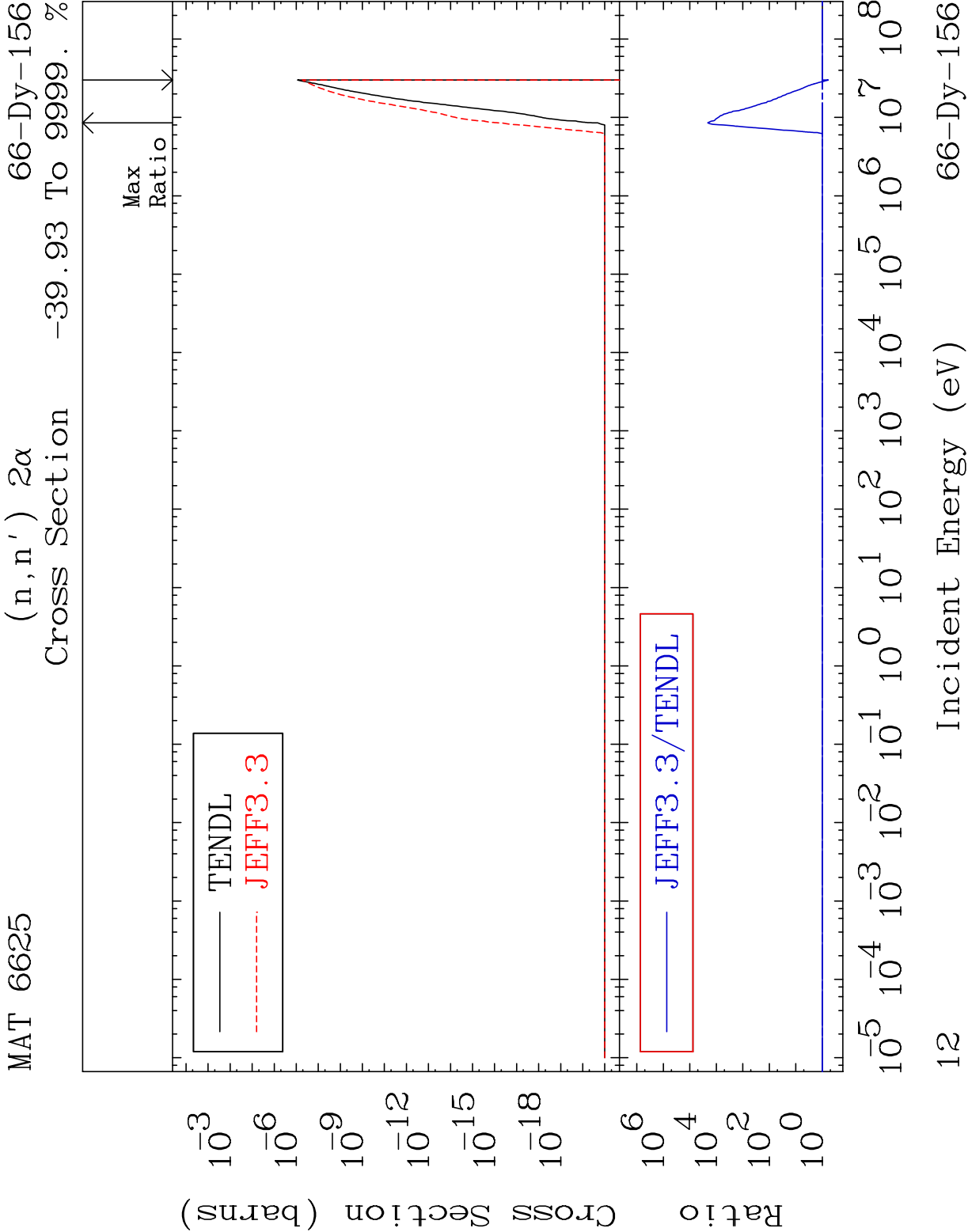
MAT 6625 (n,n') α 66-Dy-156
Cross Section -26.75 To 9999. %

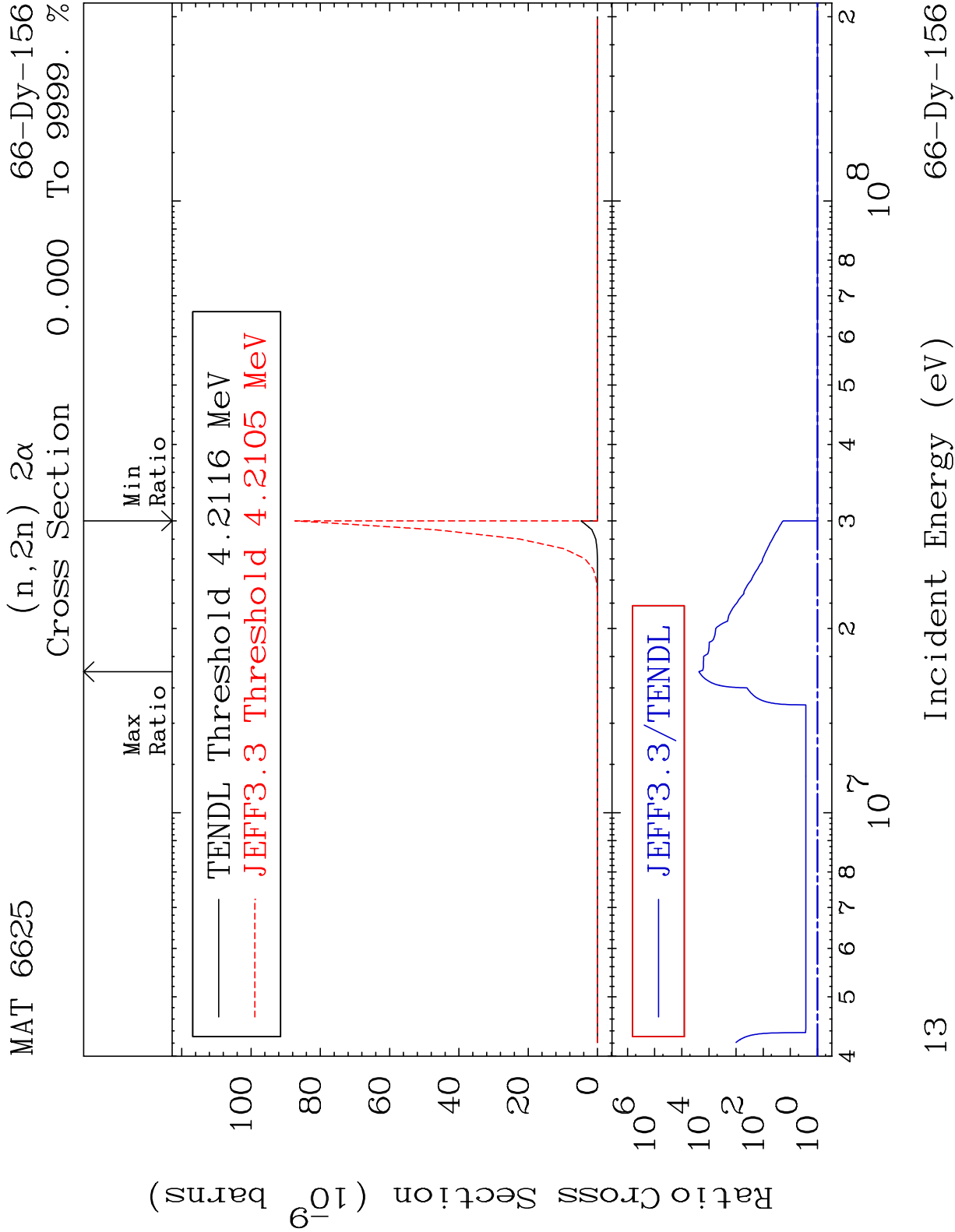


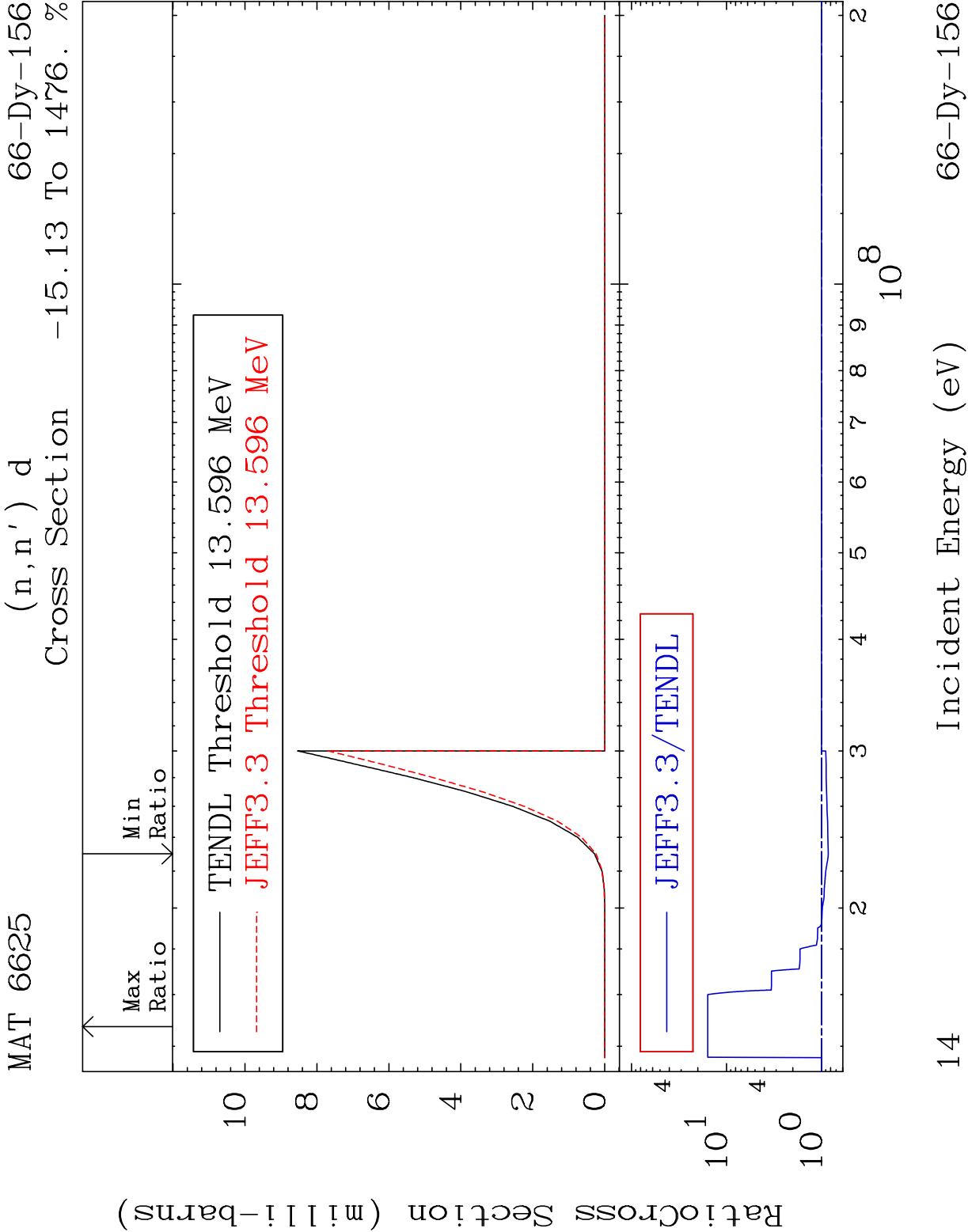






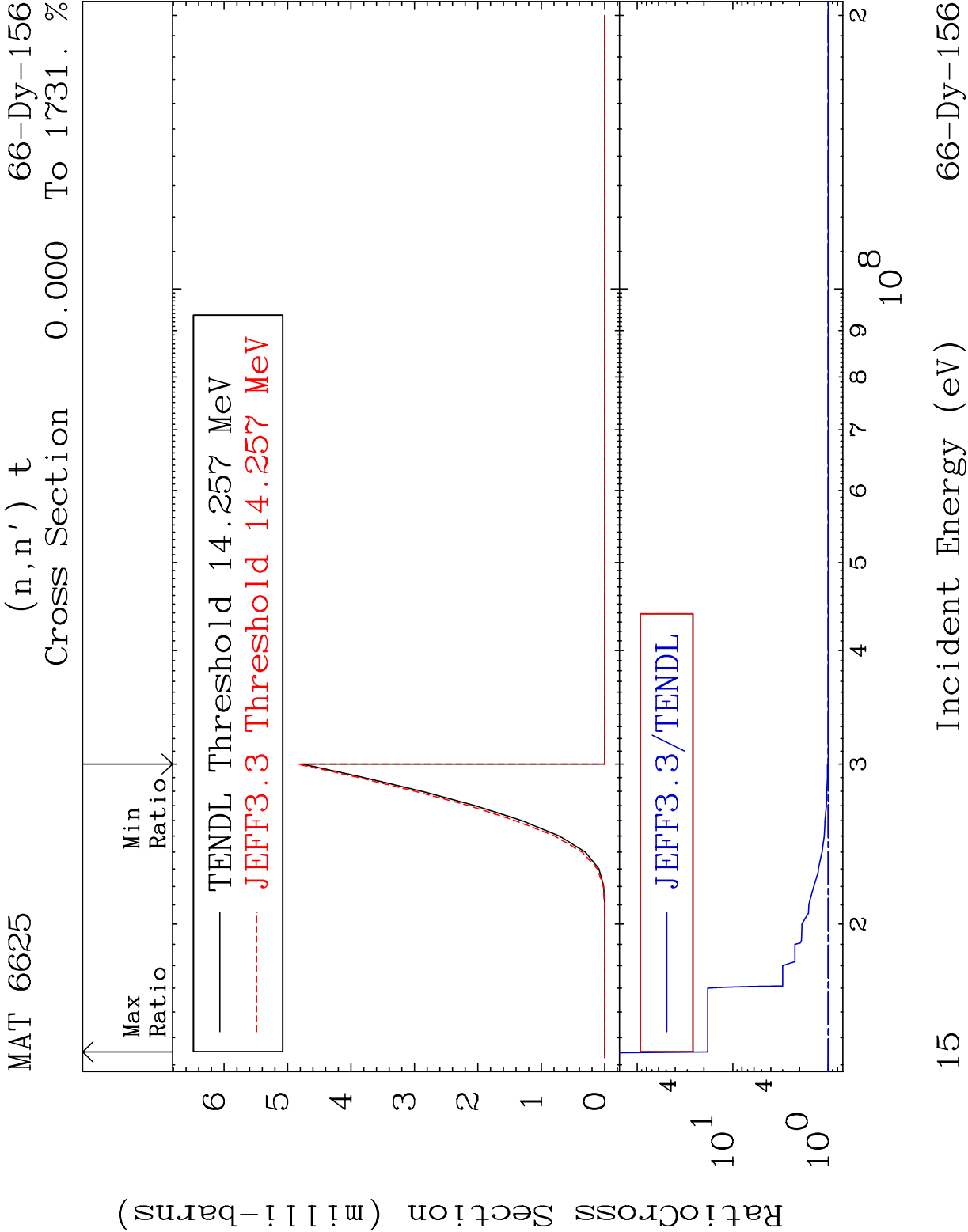


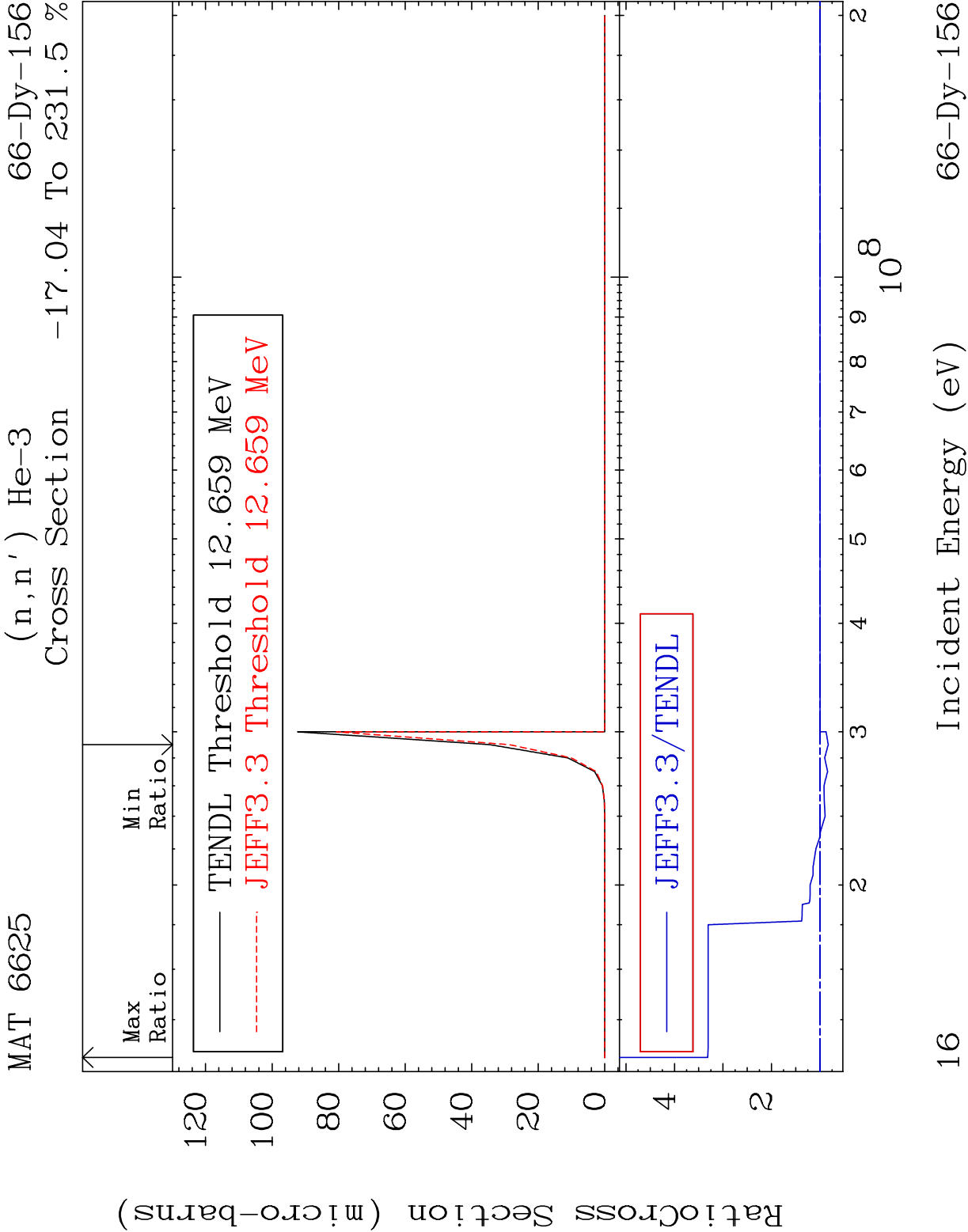


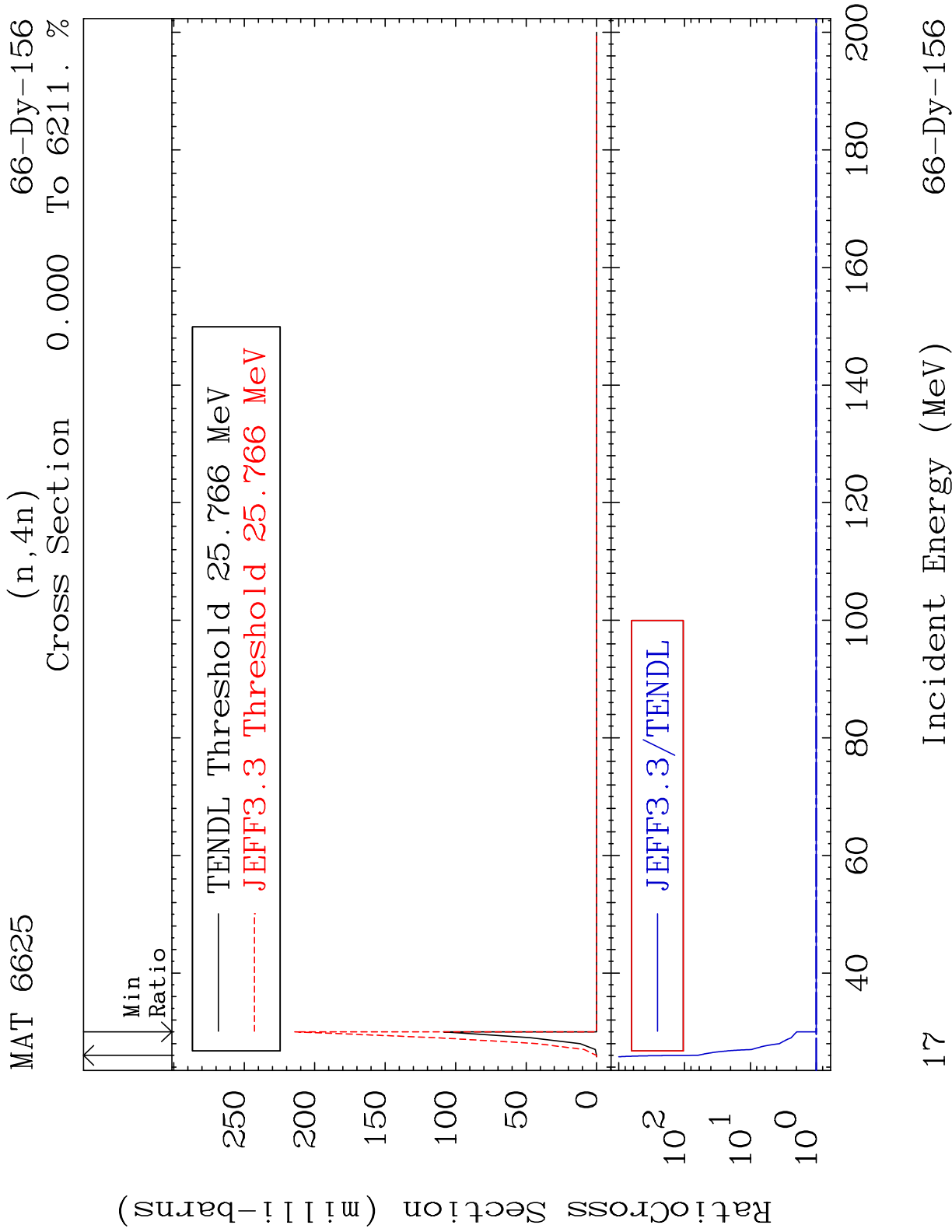


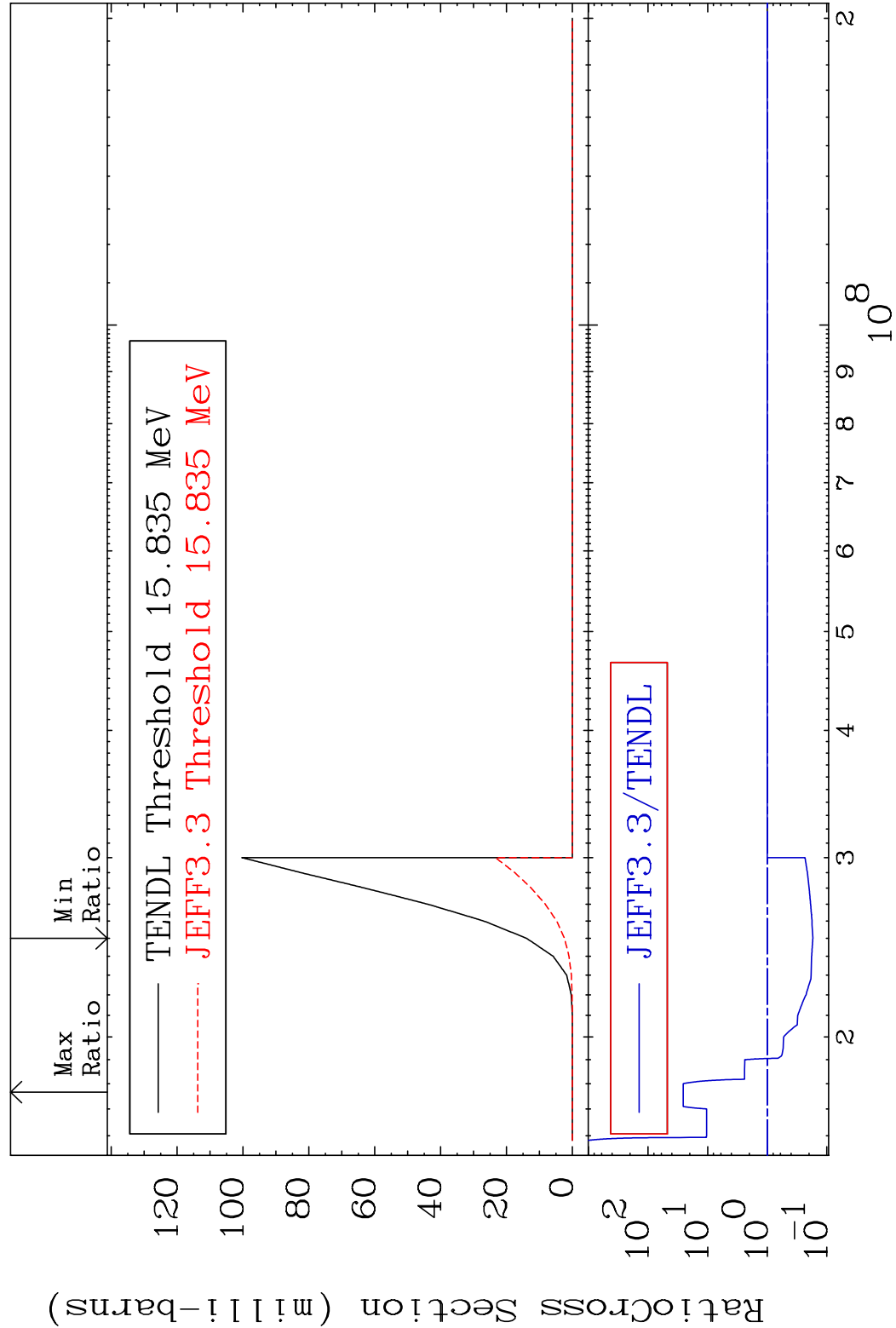
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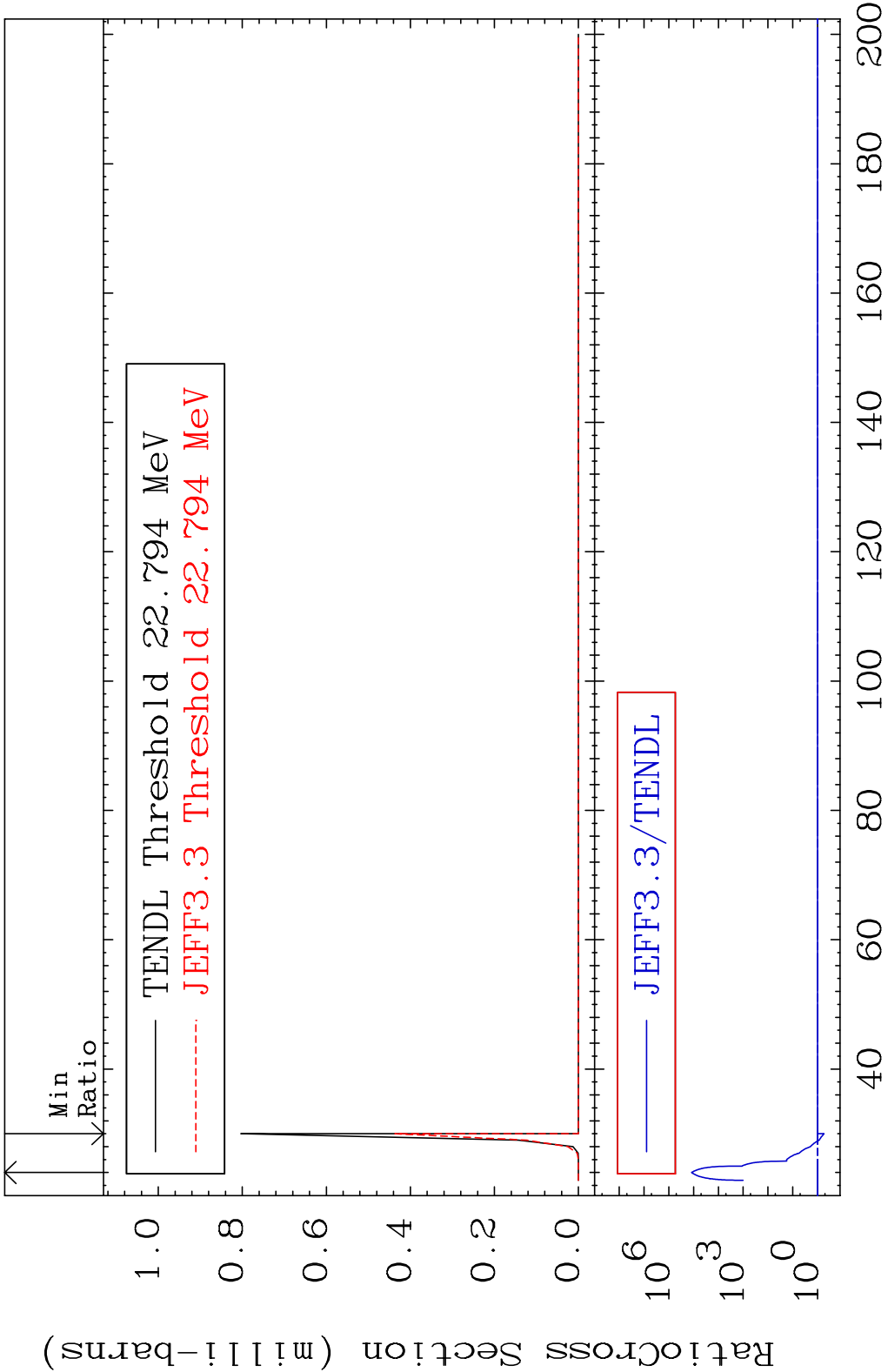
66-Dy-156

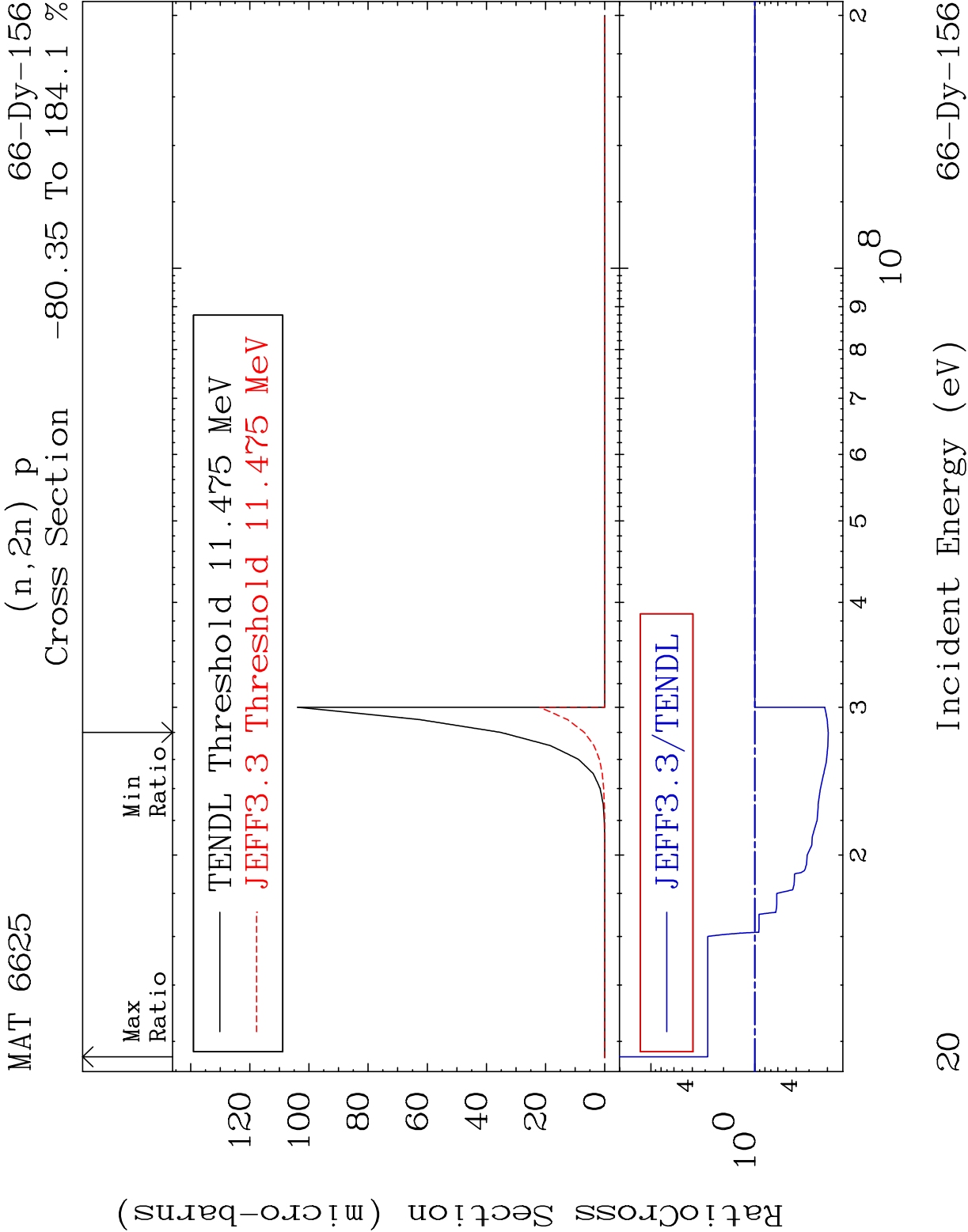




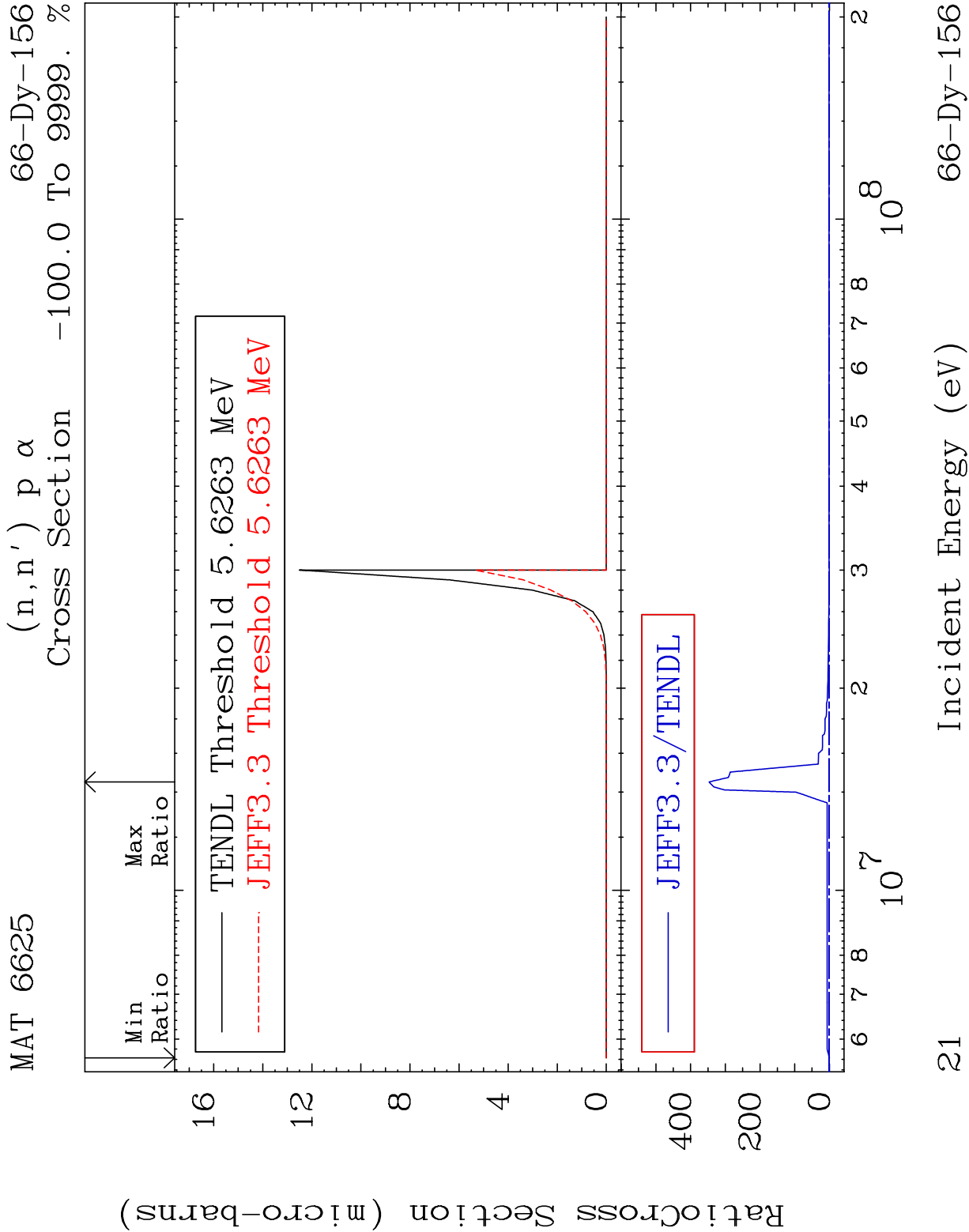




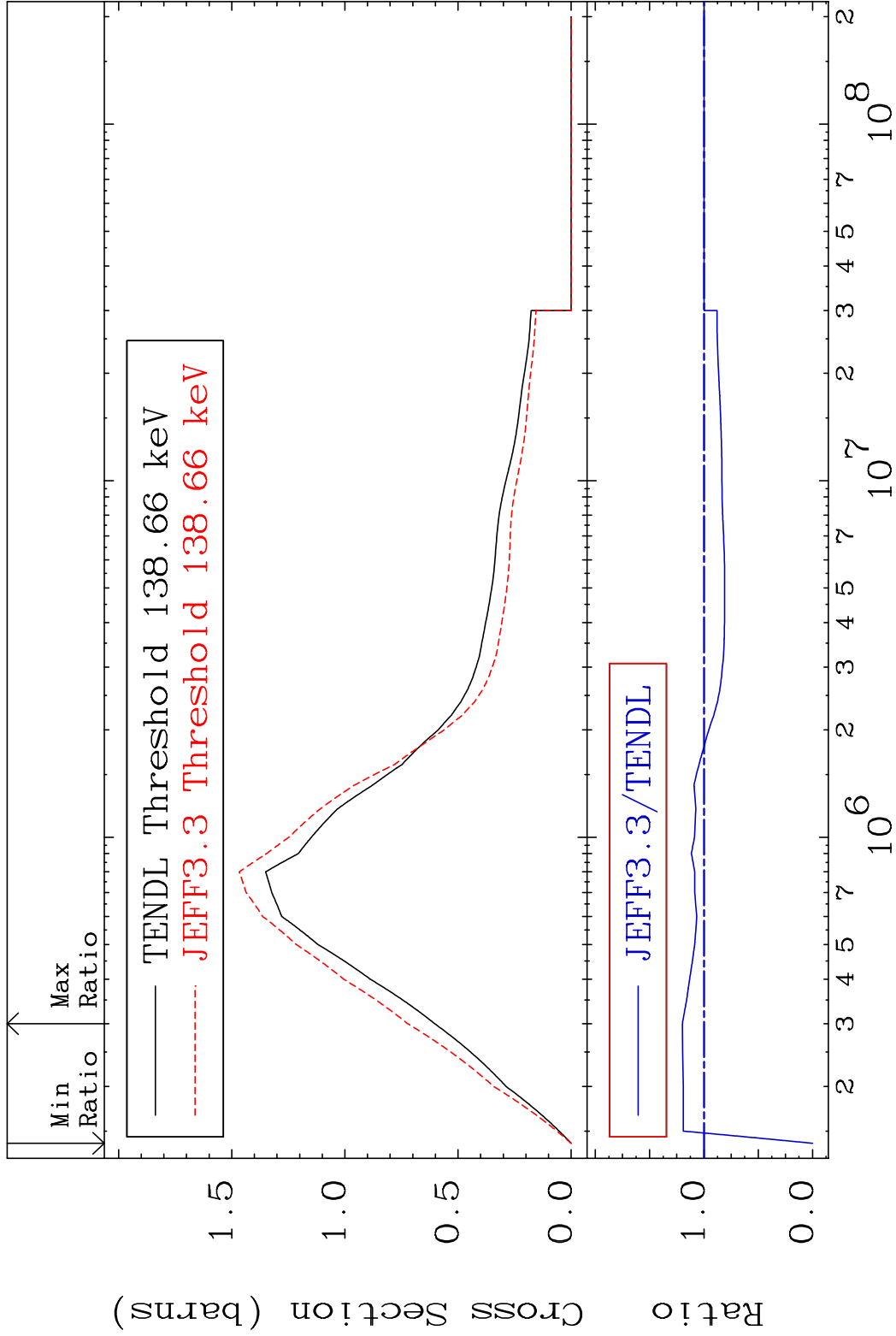




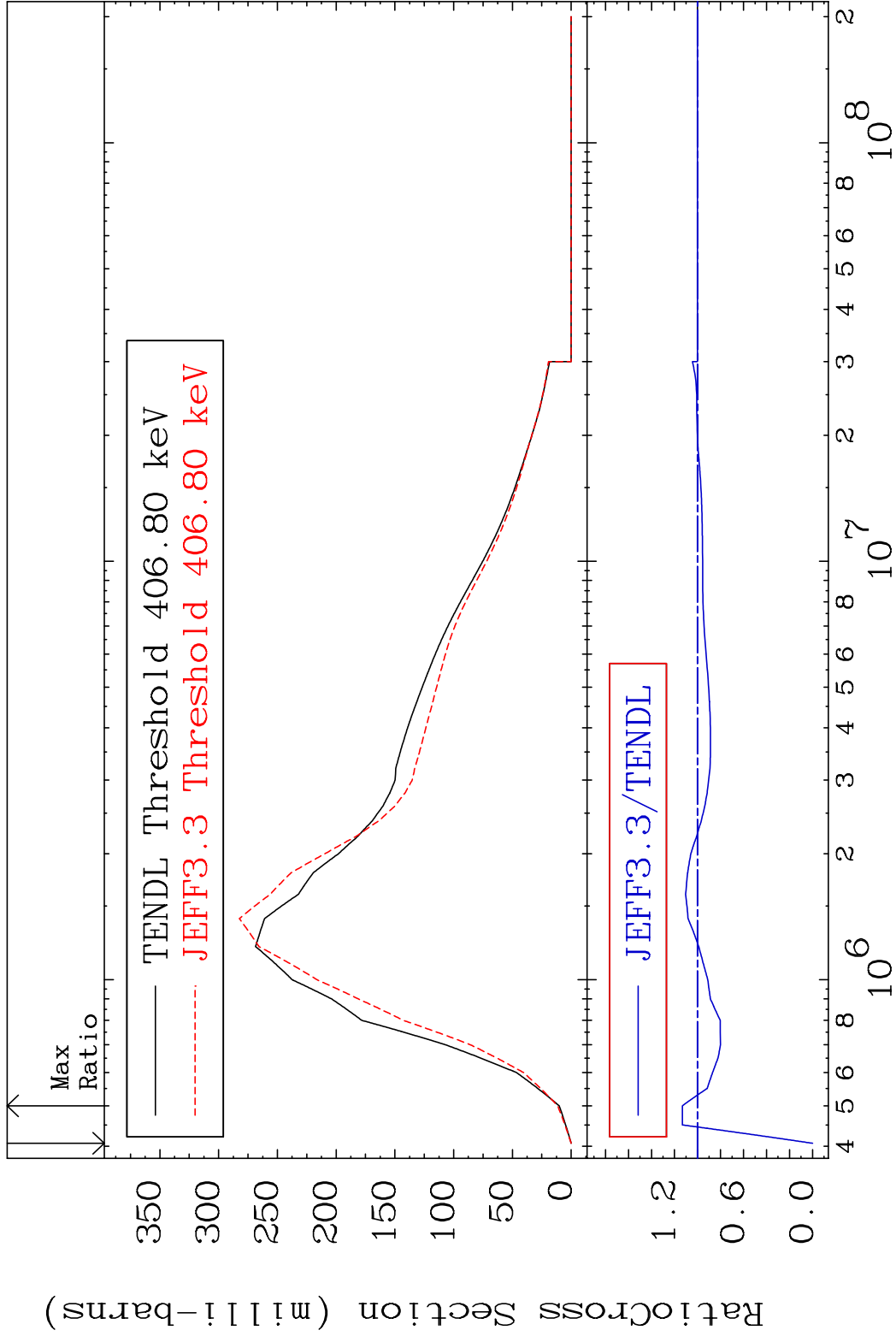
RatioCross Section (micro-barns)



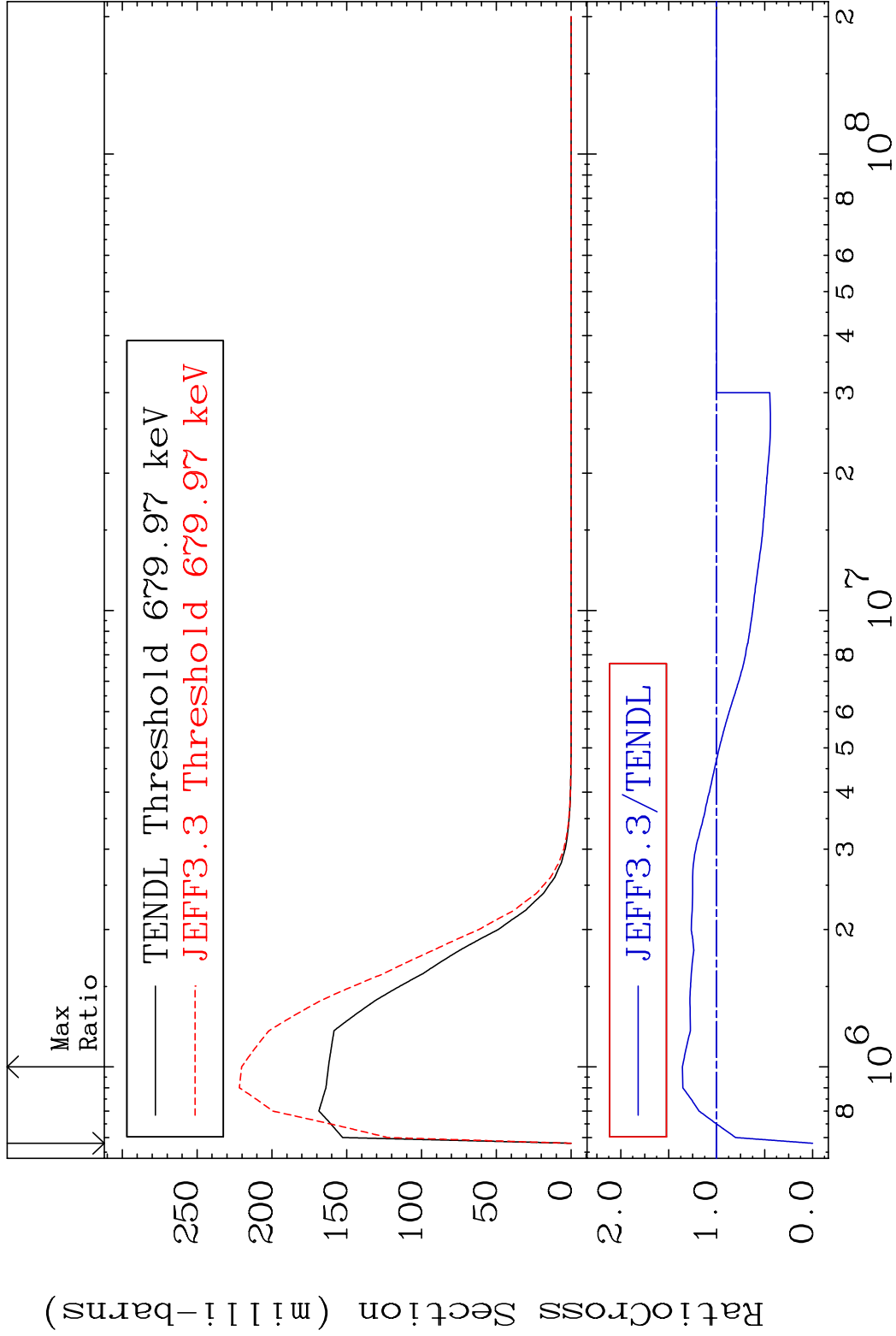
MAT 6625 MT= 51 (n,n') Level 66-Dy-156
 Cross Section -100.0 To 19.89 %



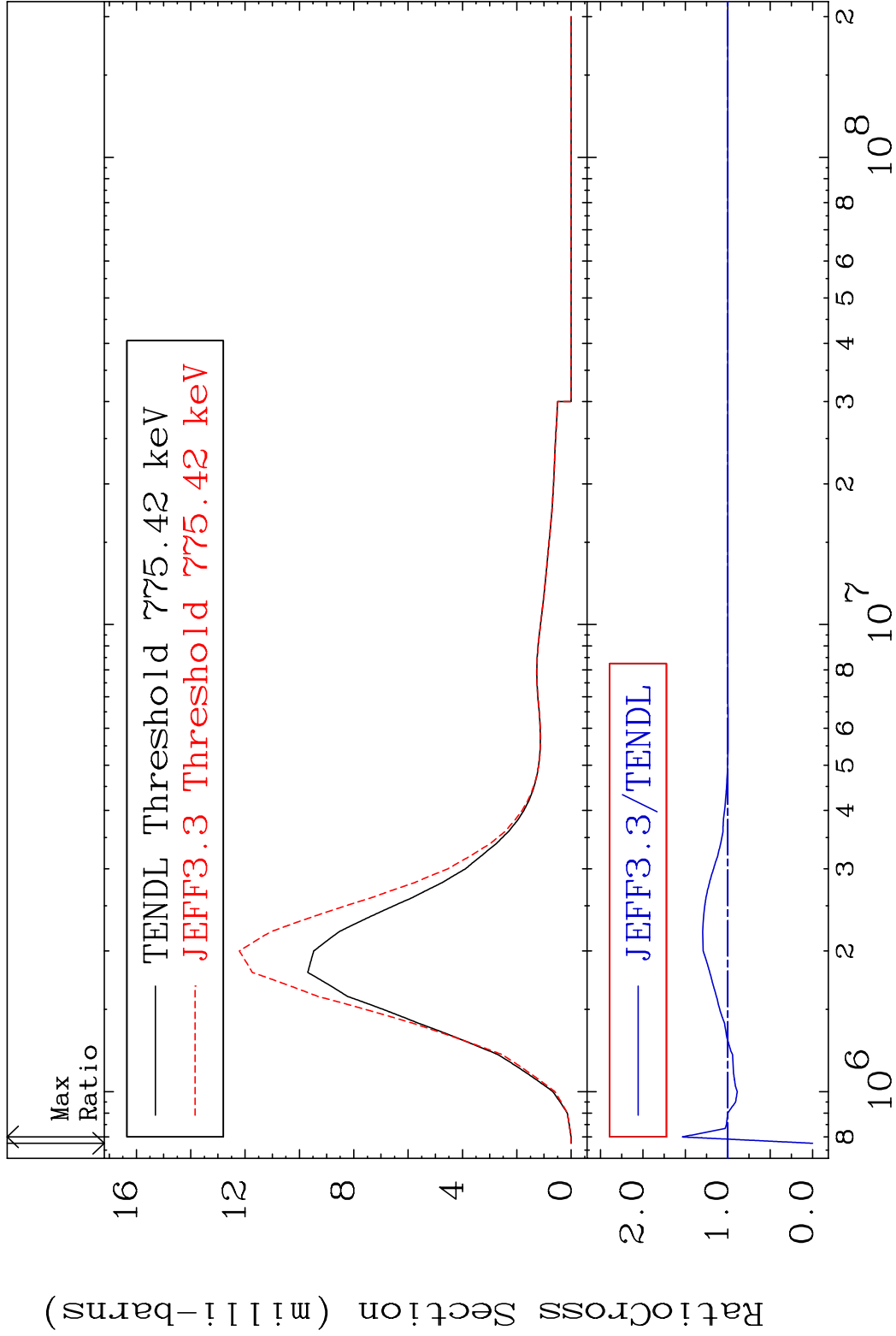
MAT 6625 MT= 52 (n,n') Level 66-Dy-156
Cross Section -100.0 To 13.19 %



MAT 6625 MT= 53 (n,n') Level 66-Dy-156
Cross Section -100.0 To 35.77 %

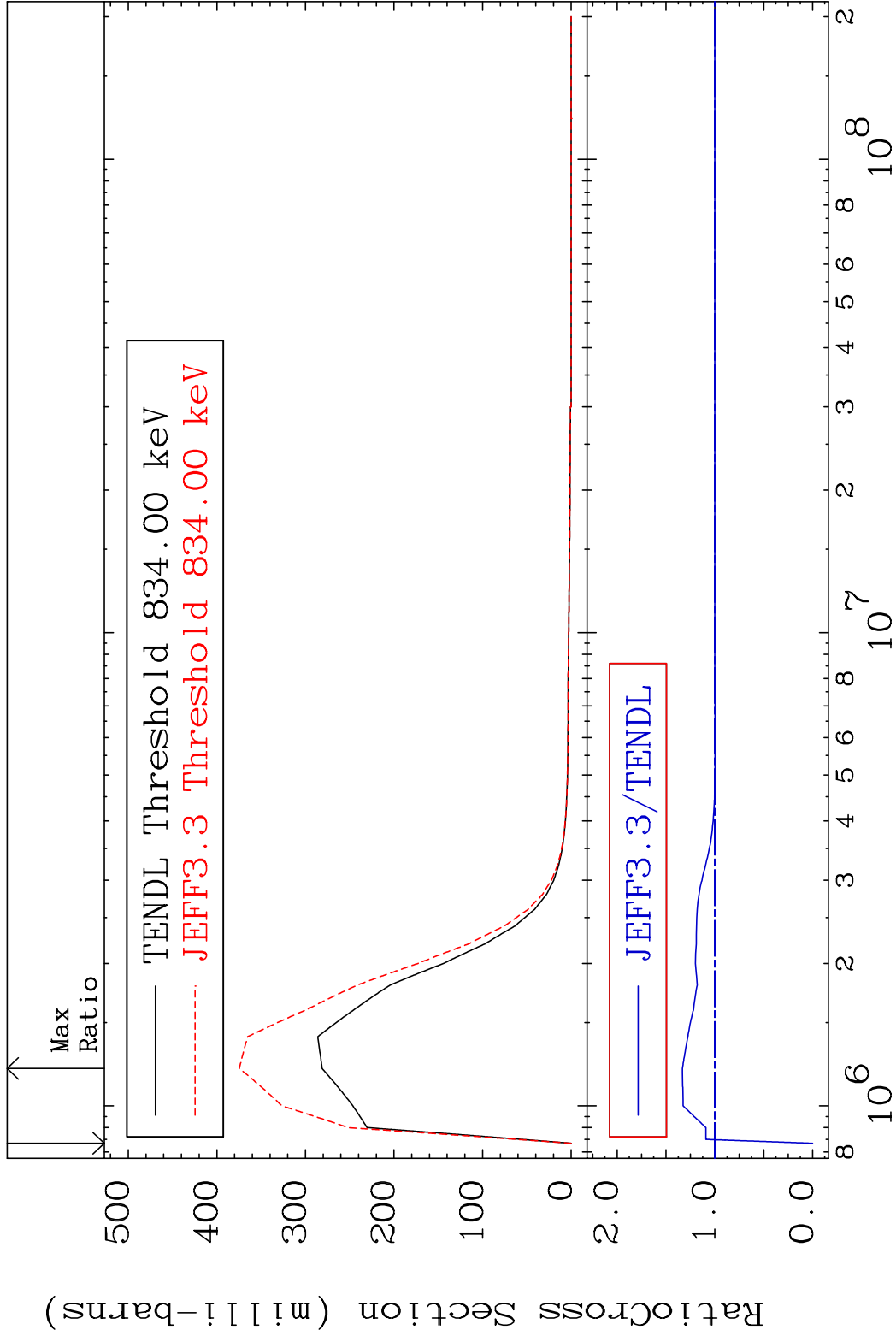


MAT 6625 MT= 54 (n,n') Level 66-Dy-156
Cross Section -100.0 To 53.47 %



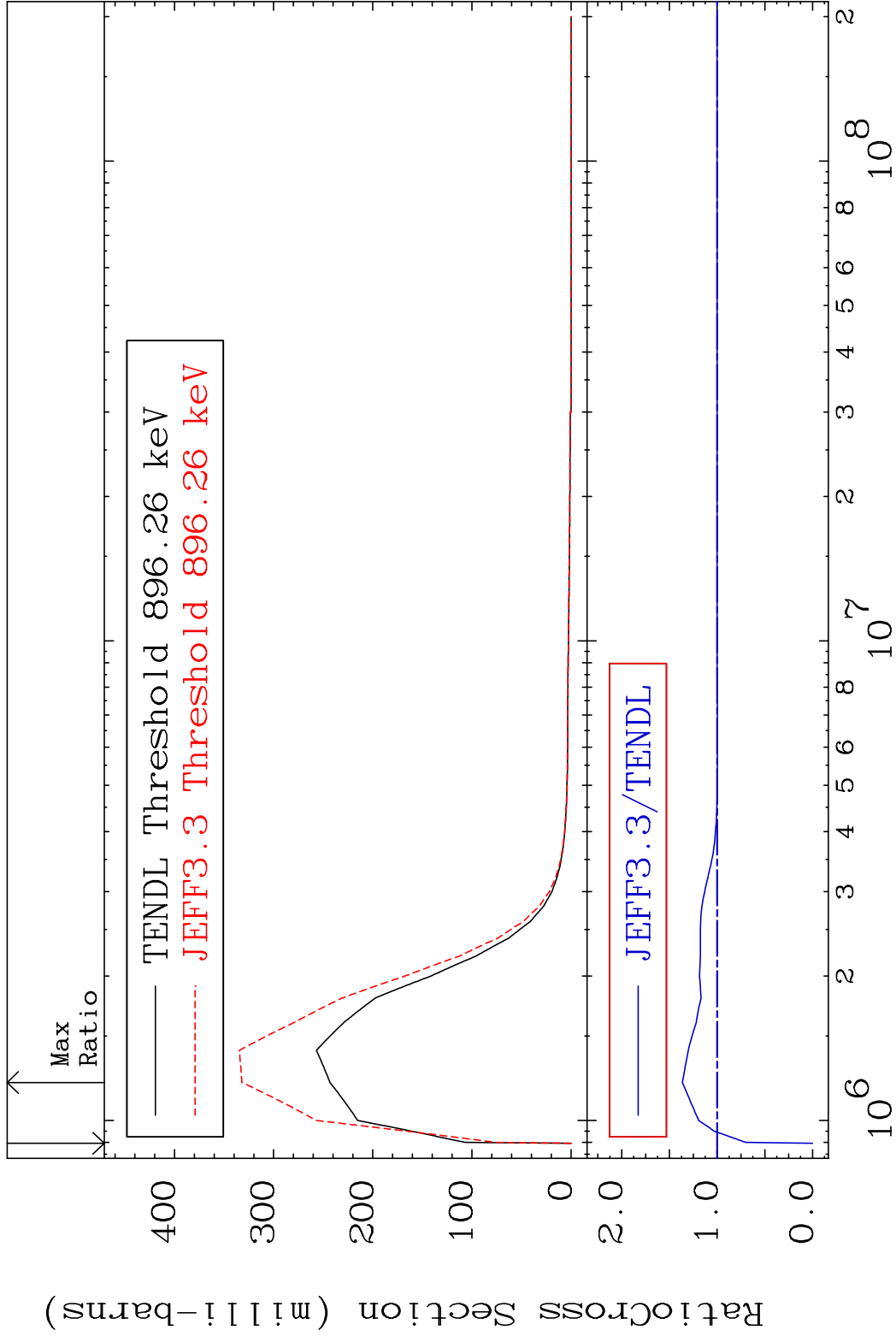
25 Incident Energy (eV) 66-Dy-156

MAT 6625 MT= 55 (n,n') Level 66-Dy-156
Cross Section -100.0 To 33.23 %



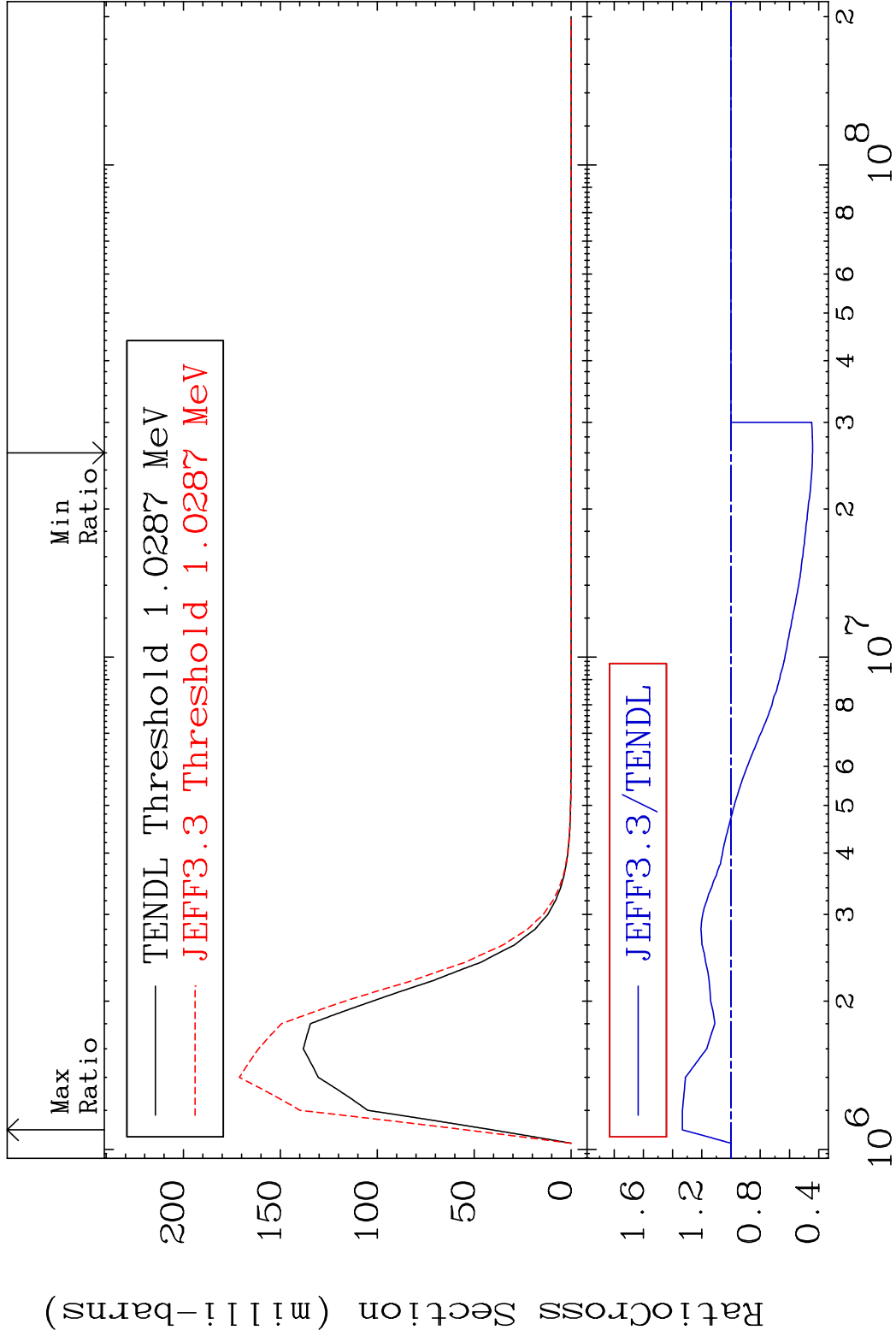
26 Incident Energy (eV) 66-Dy-156

MAT 6625 MT= 56 (n,n') Level 66-Dy-156
Cross Section -100.0 To 36.47 %



27 Incident Energy (eV) 66-Dy-156

MAT 6625	MT= 57 (n,n')	Level	66-Dy-156
	Cross Section	-55.80 To 33.33 %	



28	Incident Energy (eV)	66-Dy-156
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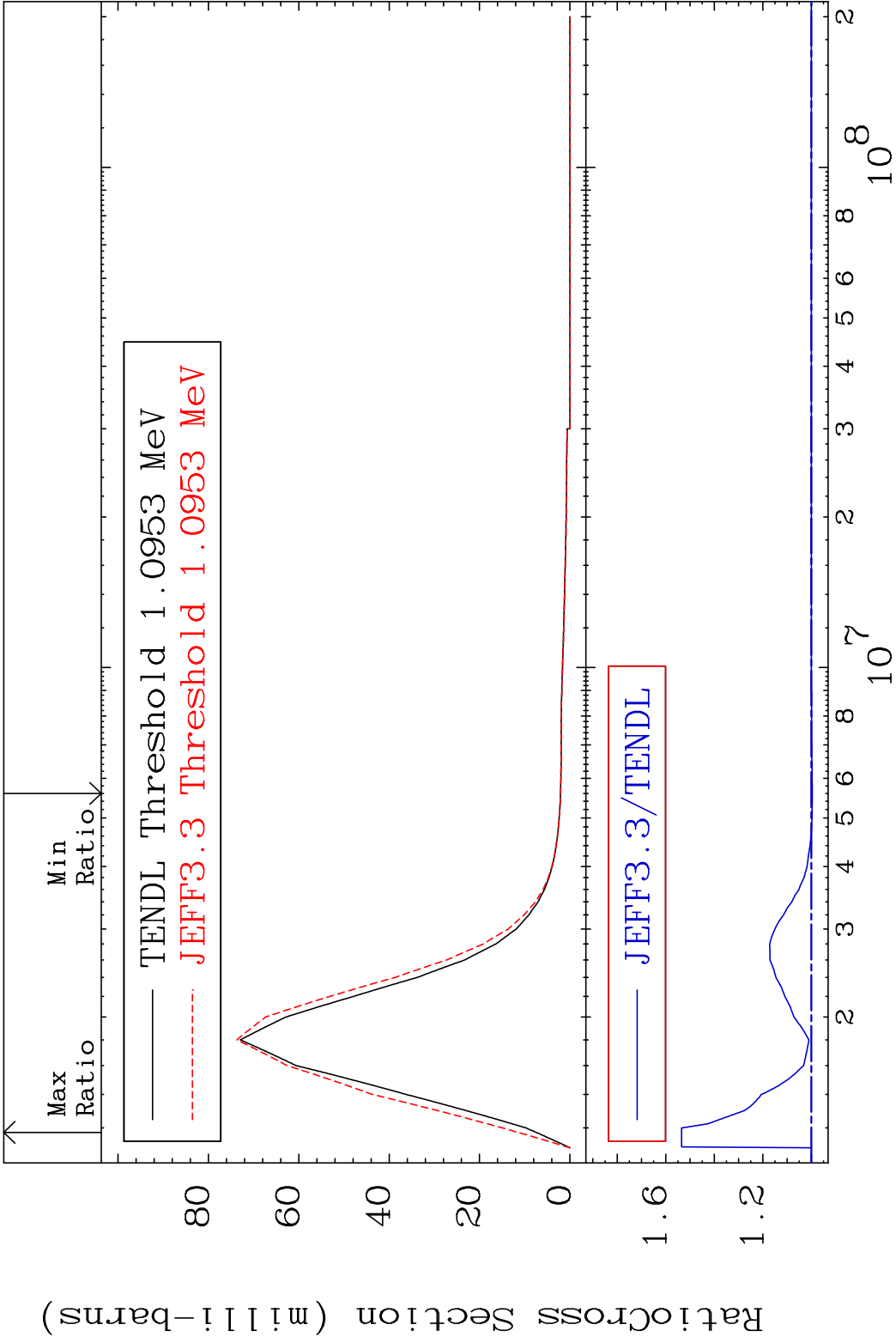
MAT 6625

MT= 58 (n,n') Level

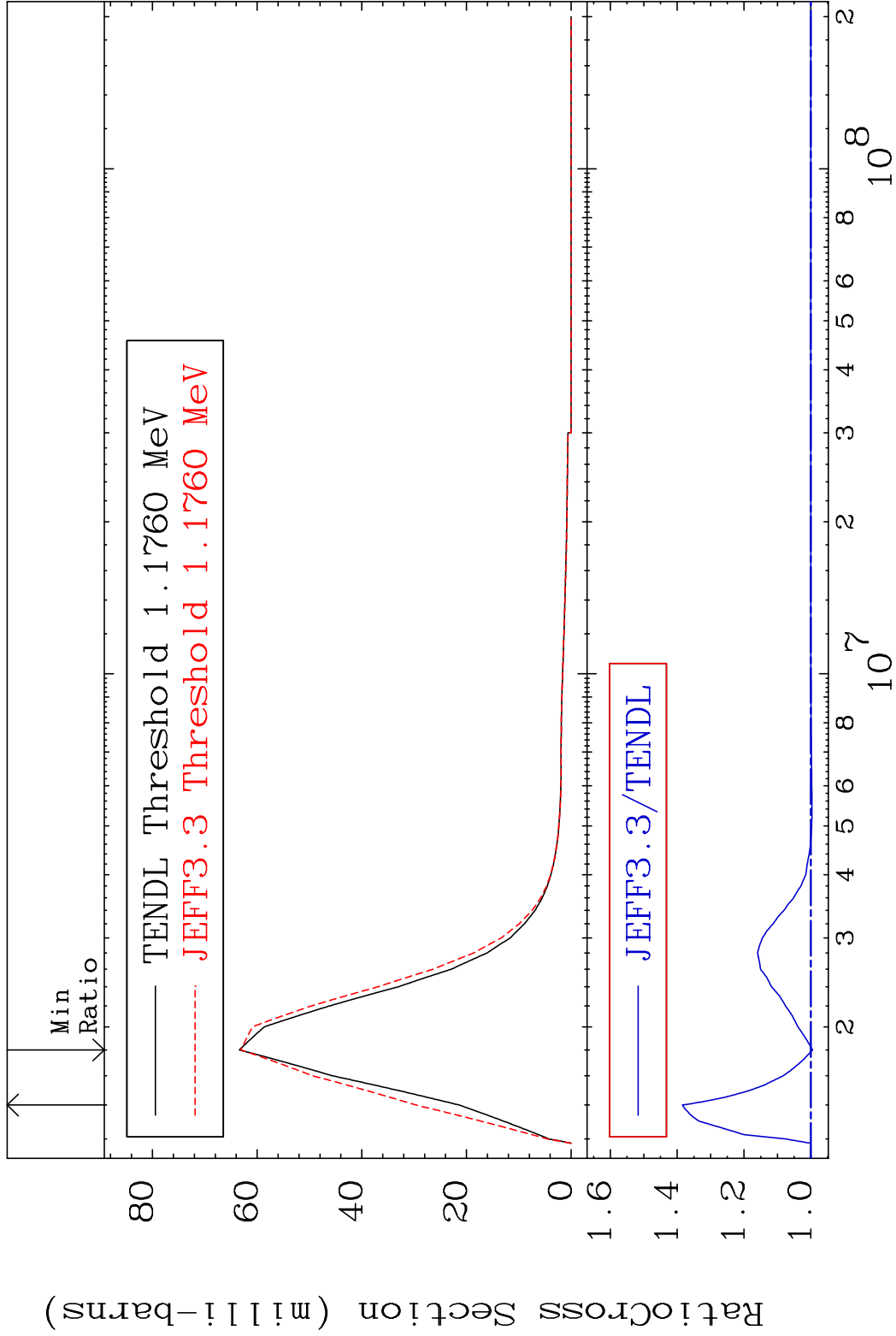
66-Dy-156

Cross Section

-0.327 To 53.49 %



MAT 6625 MT= 59 (n,n') Level 66-Dy-156
Cross Section -0.504 To 38.46 %



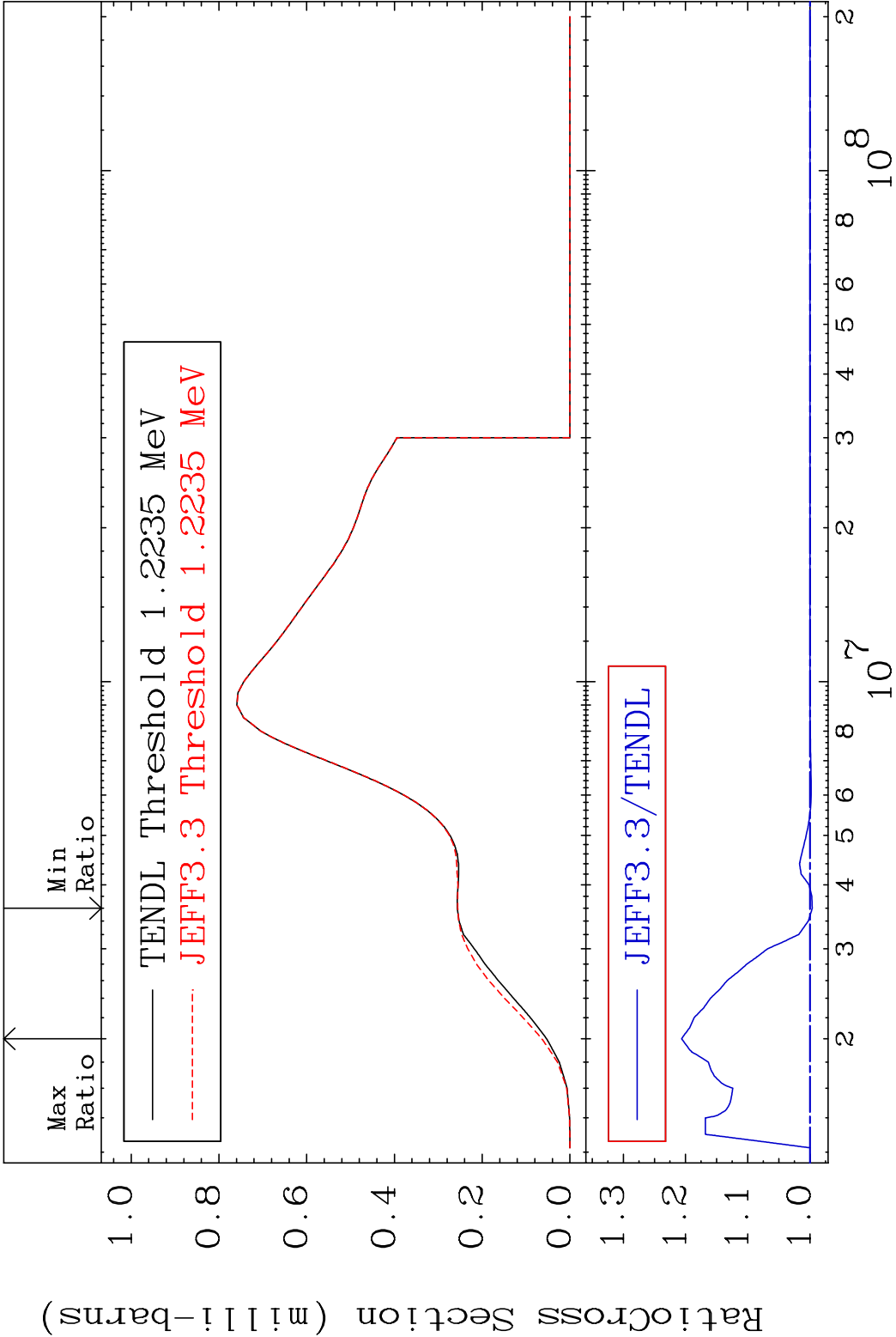
MAT 6625

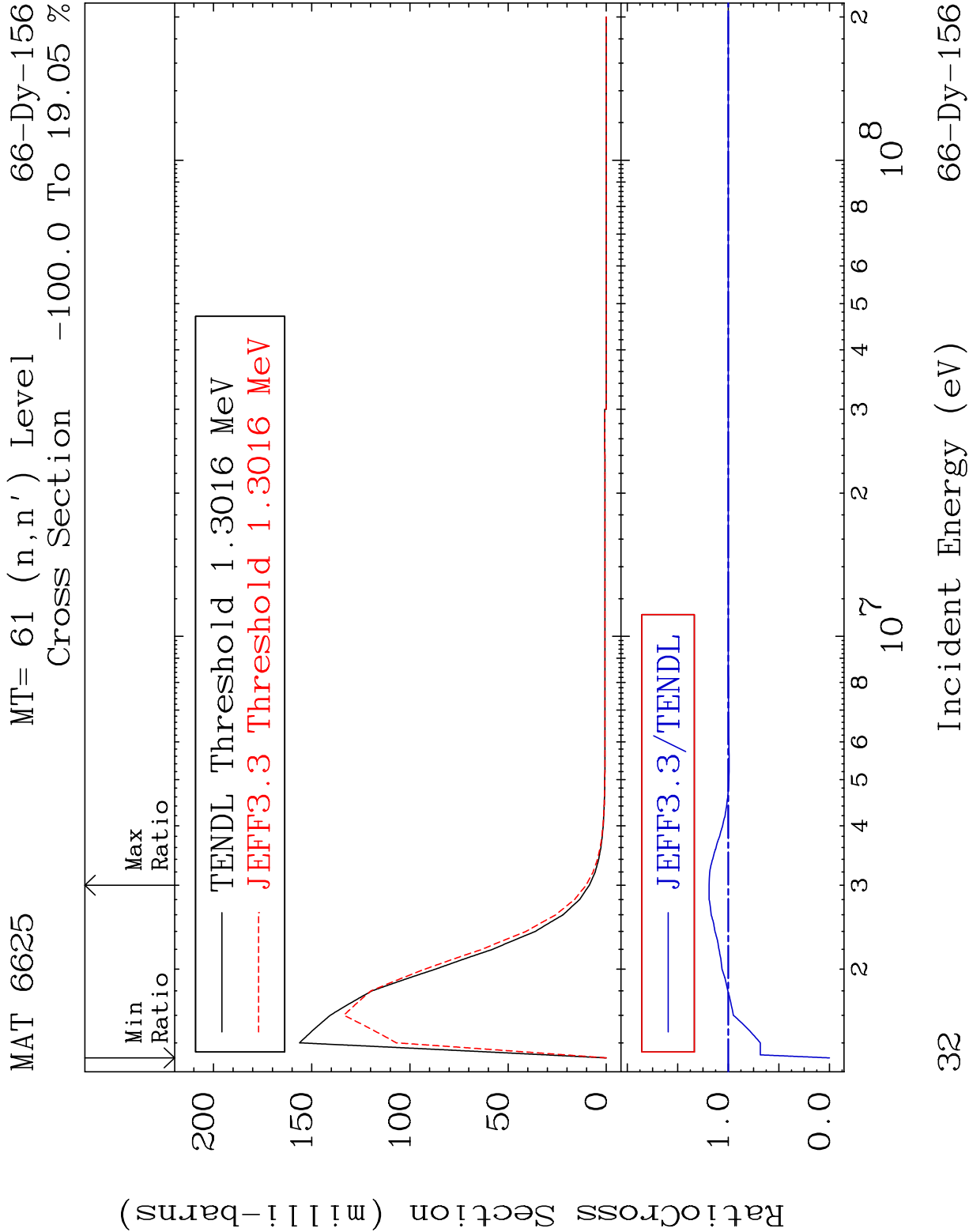
MT= 60 (n,n') Level

66-Dy-156

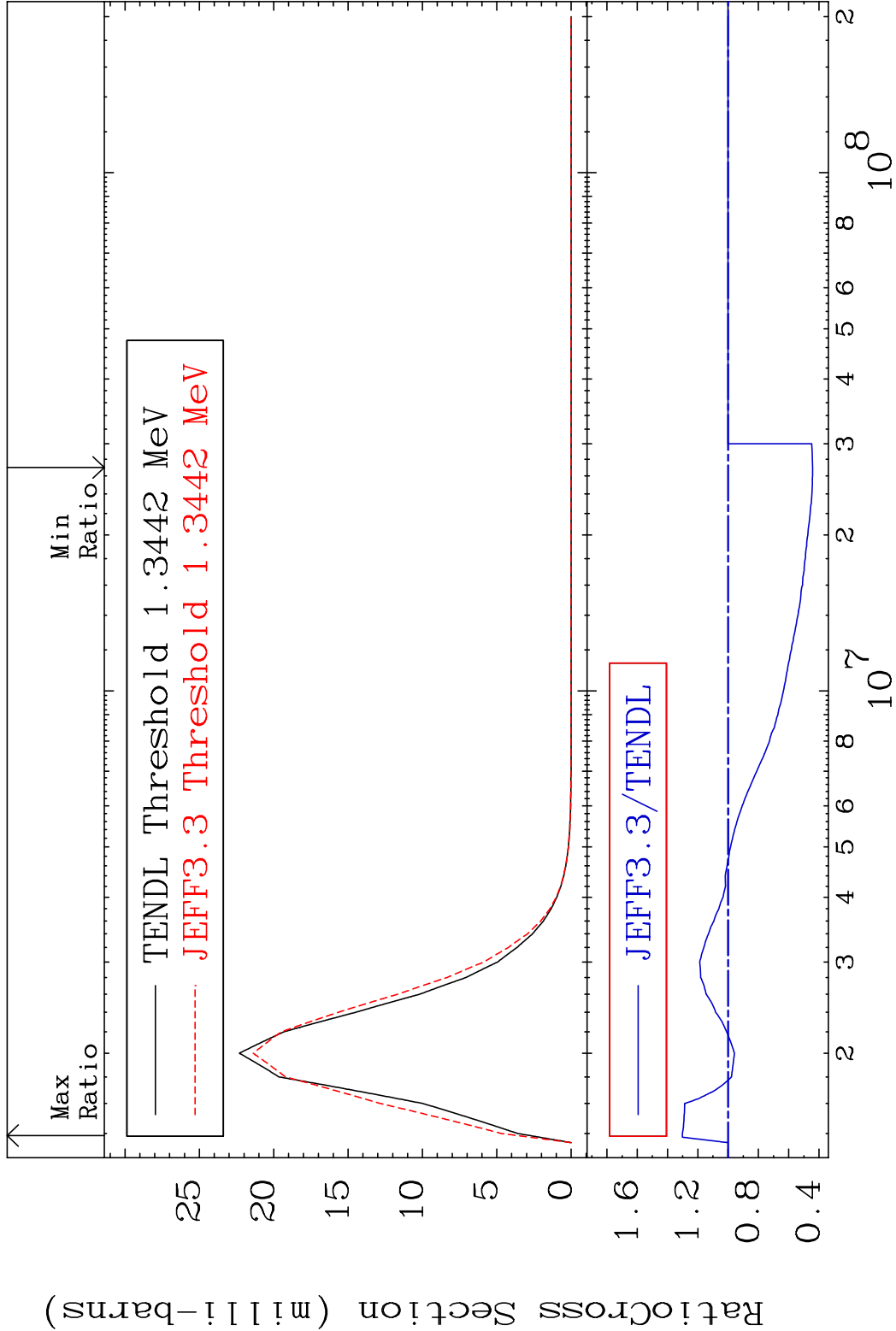
Cross Section

-0.373 To 20.64 %

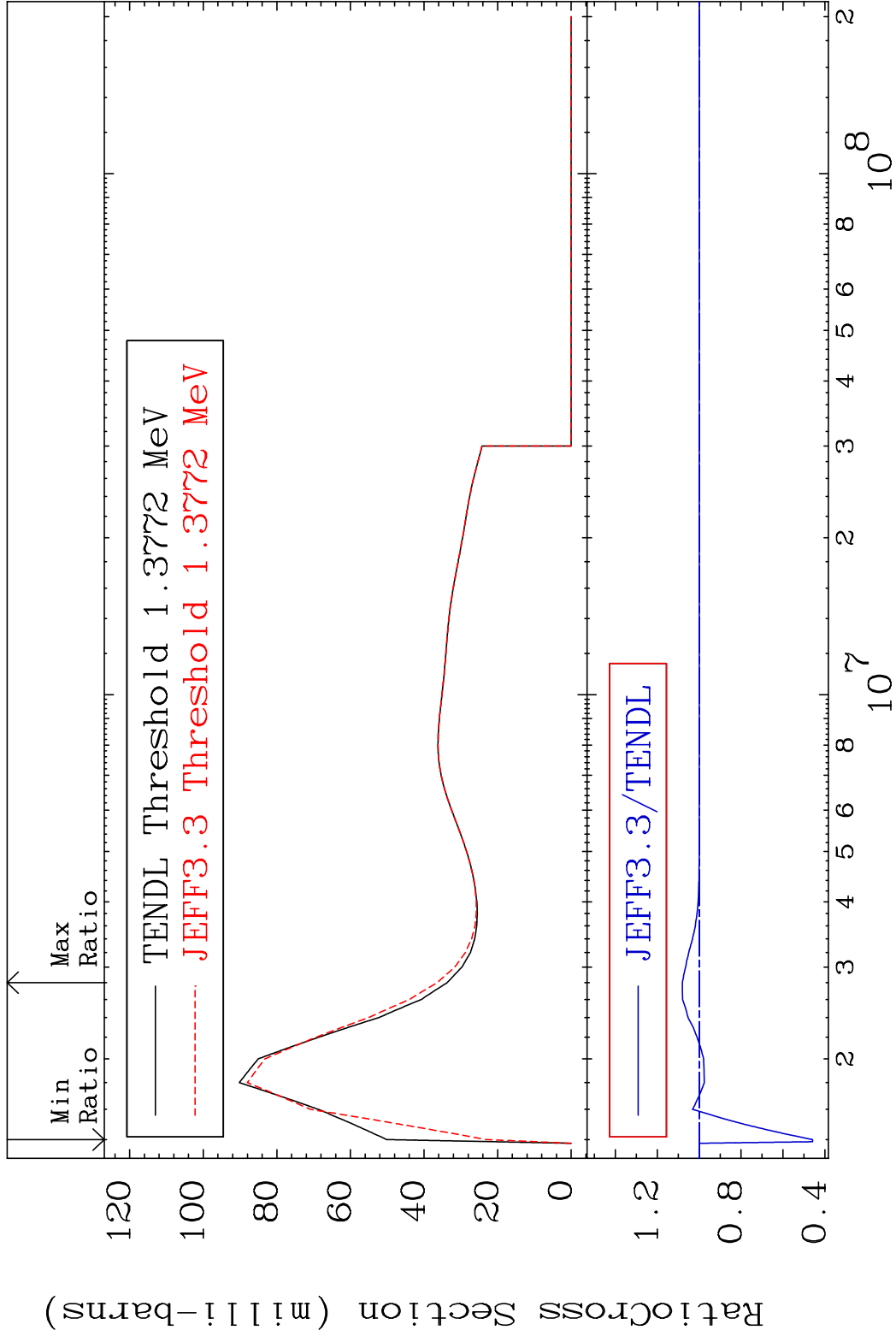




MAT 6625	MT= 62 (n,n')	Level	66-Dy-156
	Cross Section	-55.76 To 30.21 %	



MAT 6625 MT= 63 (n,n') Level 66-Dy-156
Cross Section -54.08 To 8.023 %



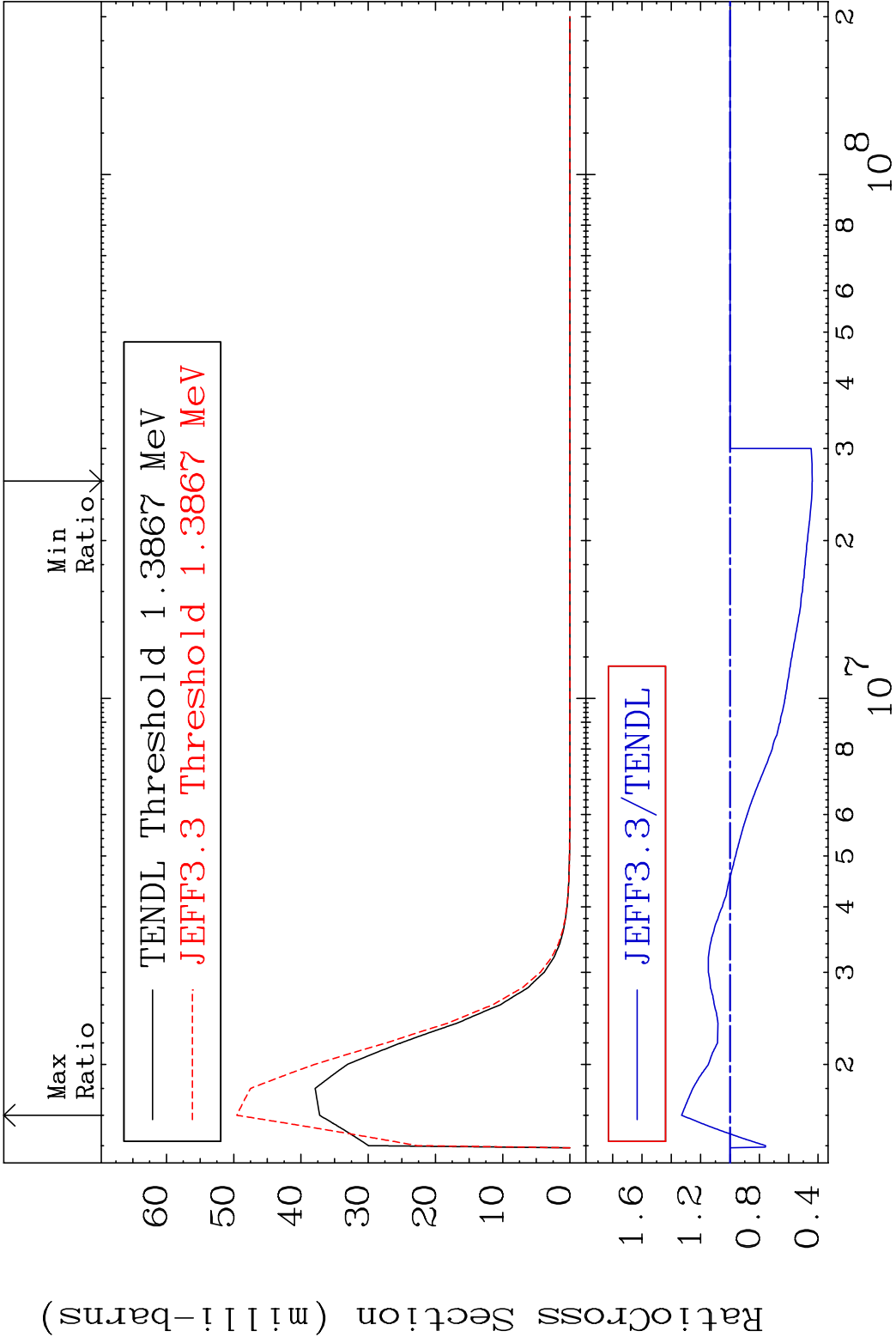
MAT 6625

MT= 64 (n,n') Level

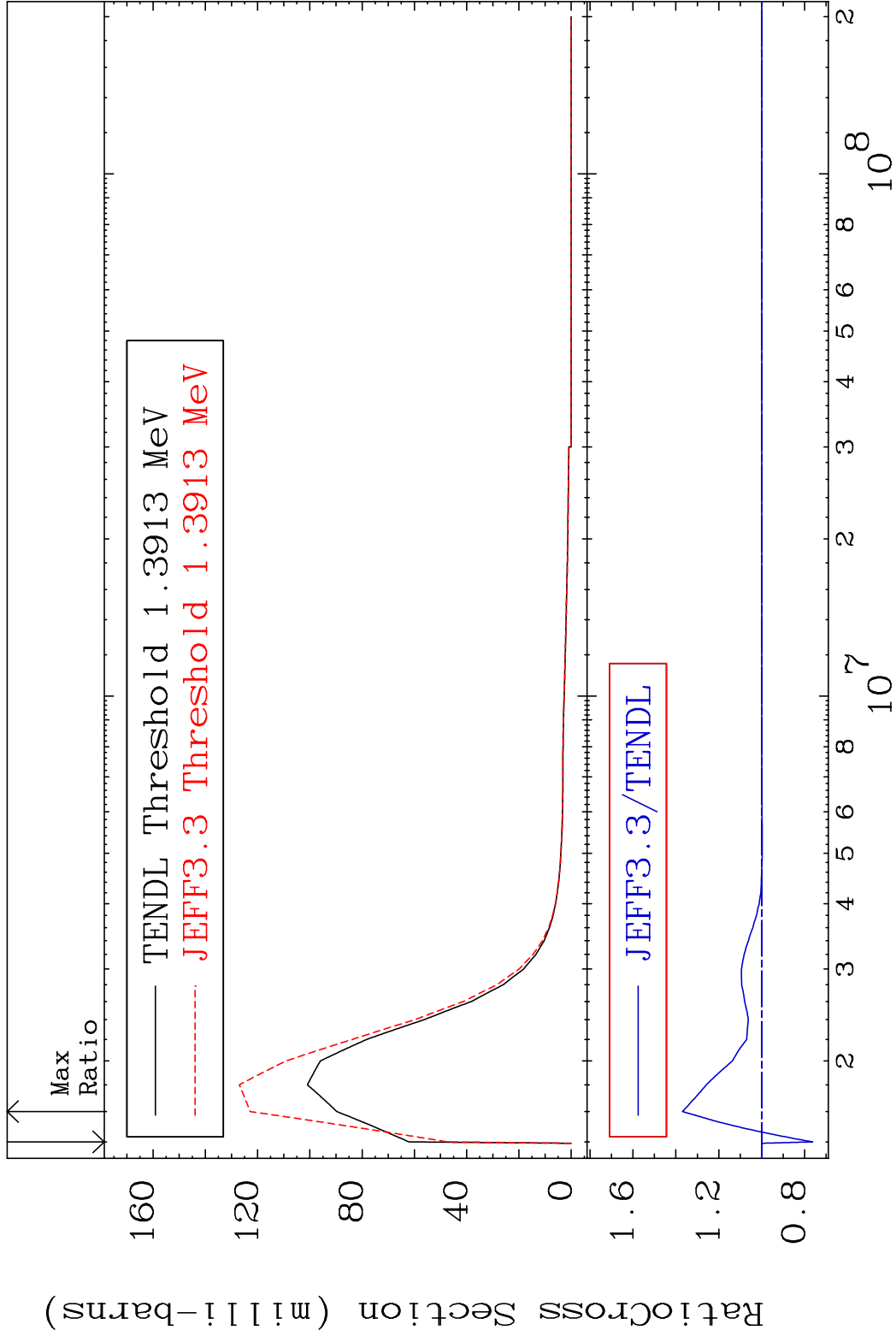
66-Dy-156

Cross Section

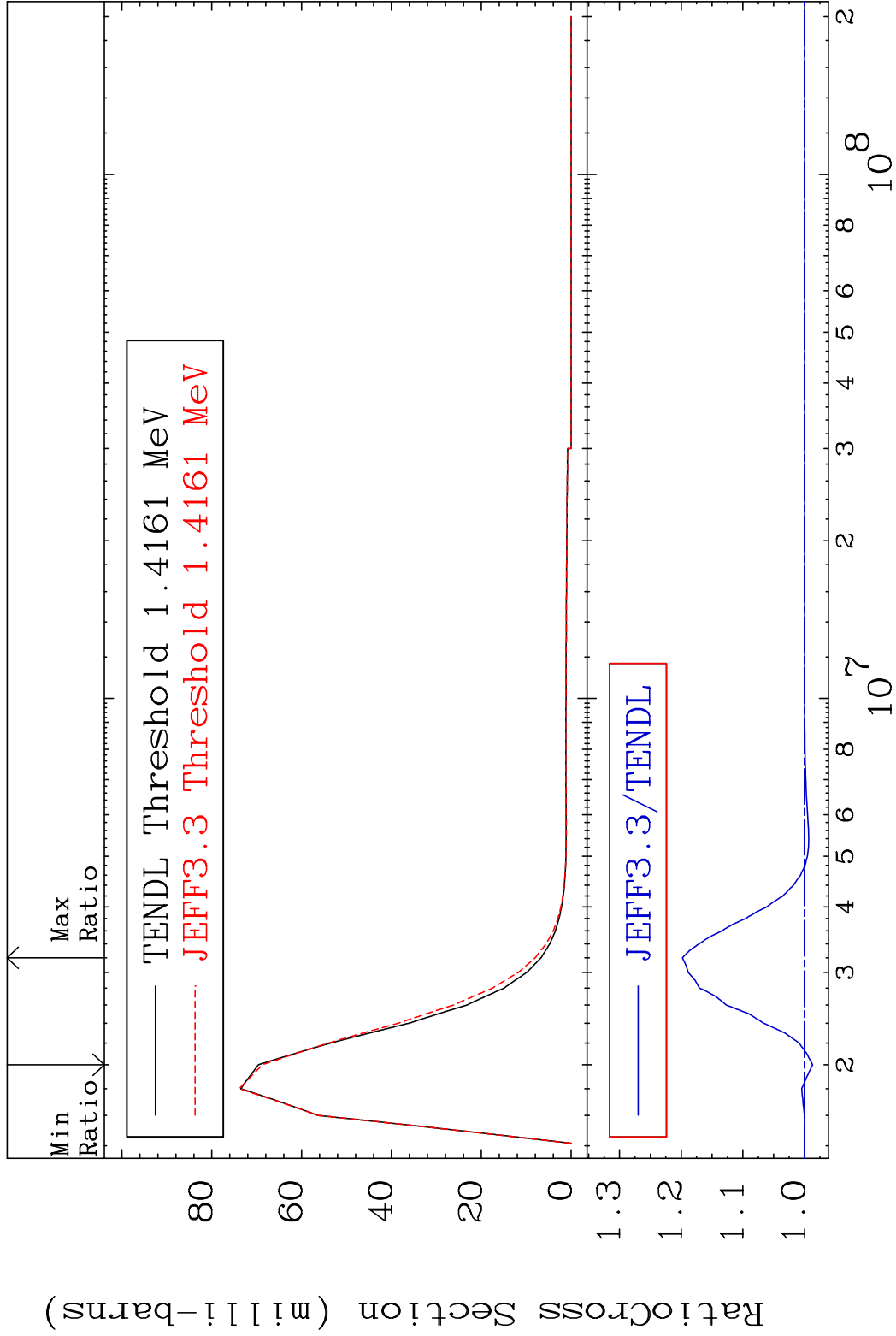
-56.09 To 33.06 %



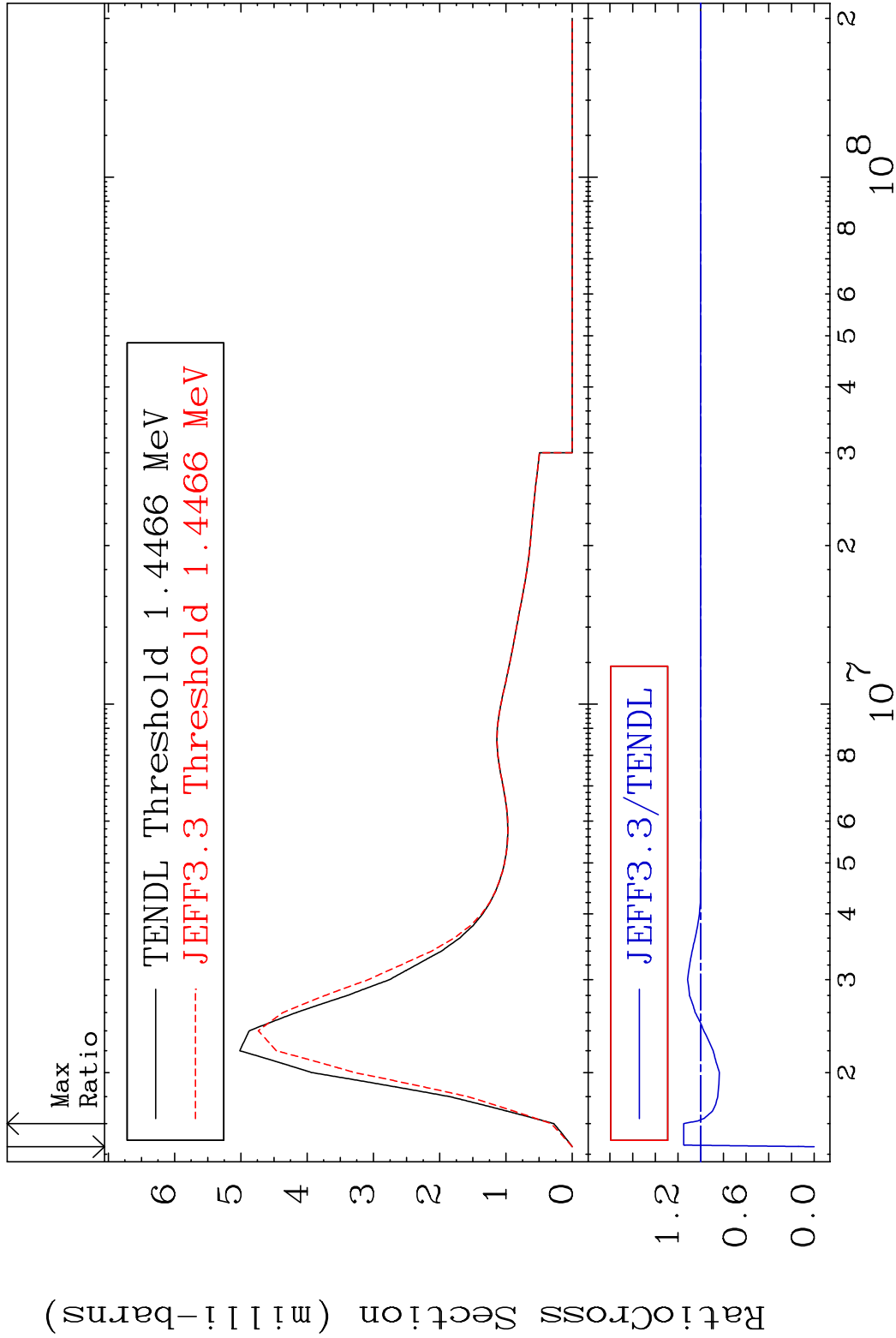
MAT 6625 MT= 65 (n,n') Level 66-Dy-156
Cross Section -23.72 To 36.99 %



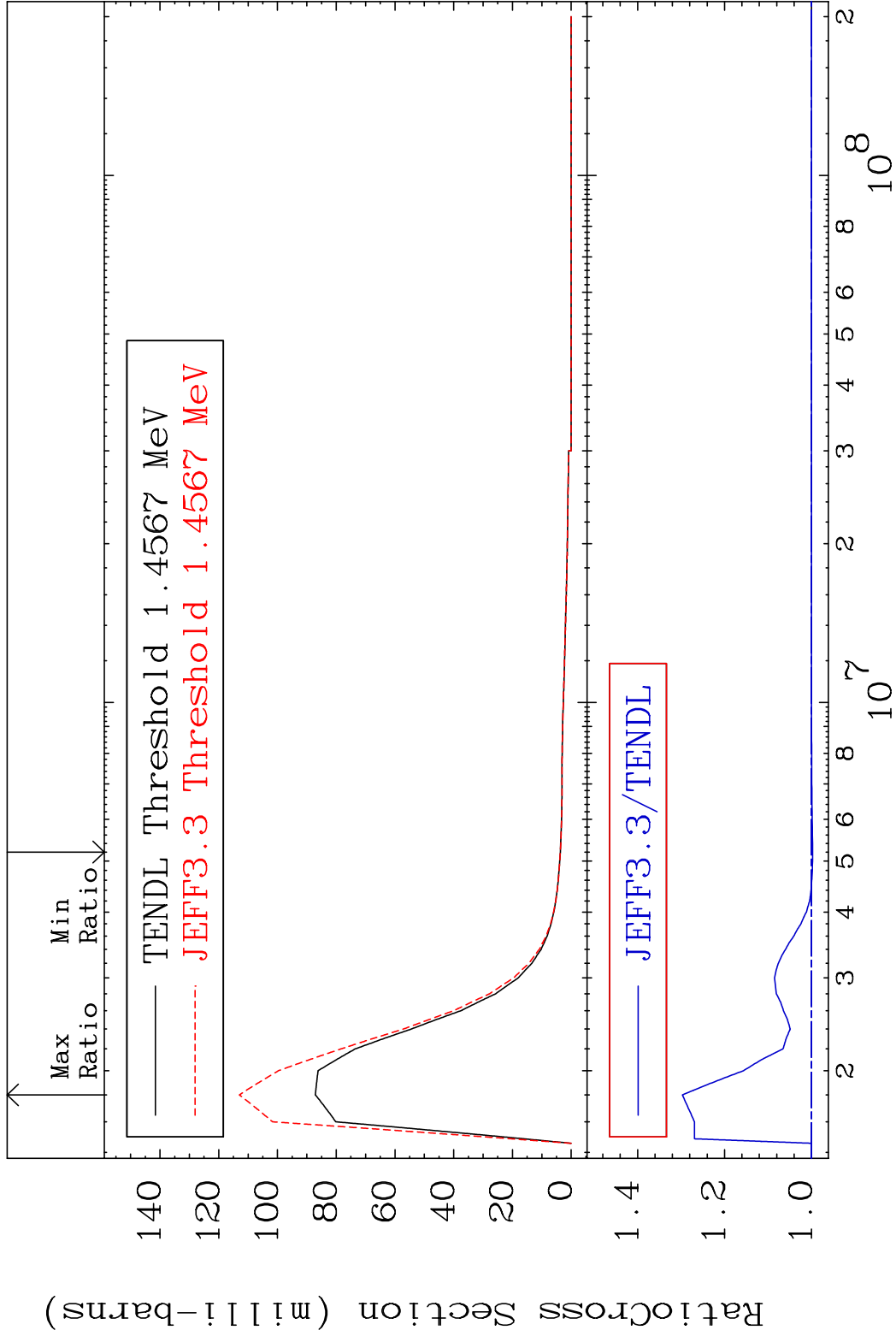
MAT 6625 MT= 66 (n,n') Level 66-Dy-156
Cross Section -1.305 To 19.81 %

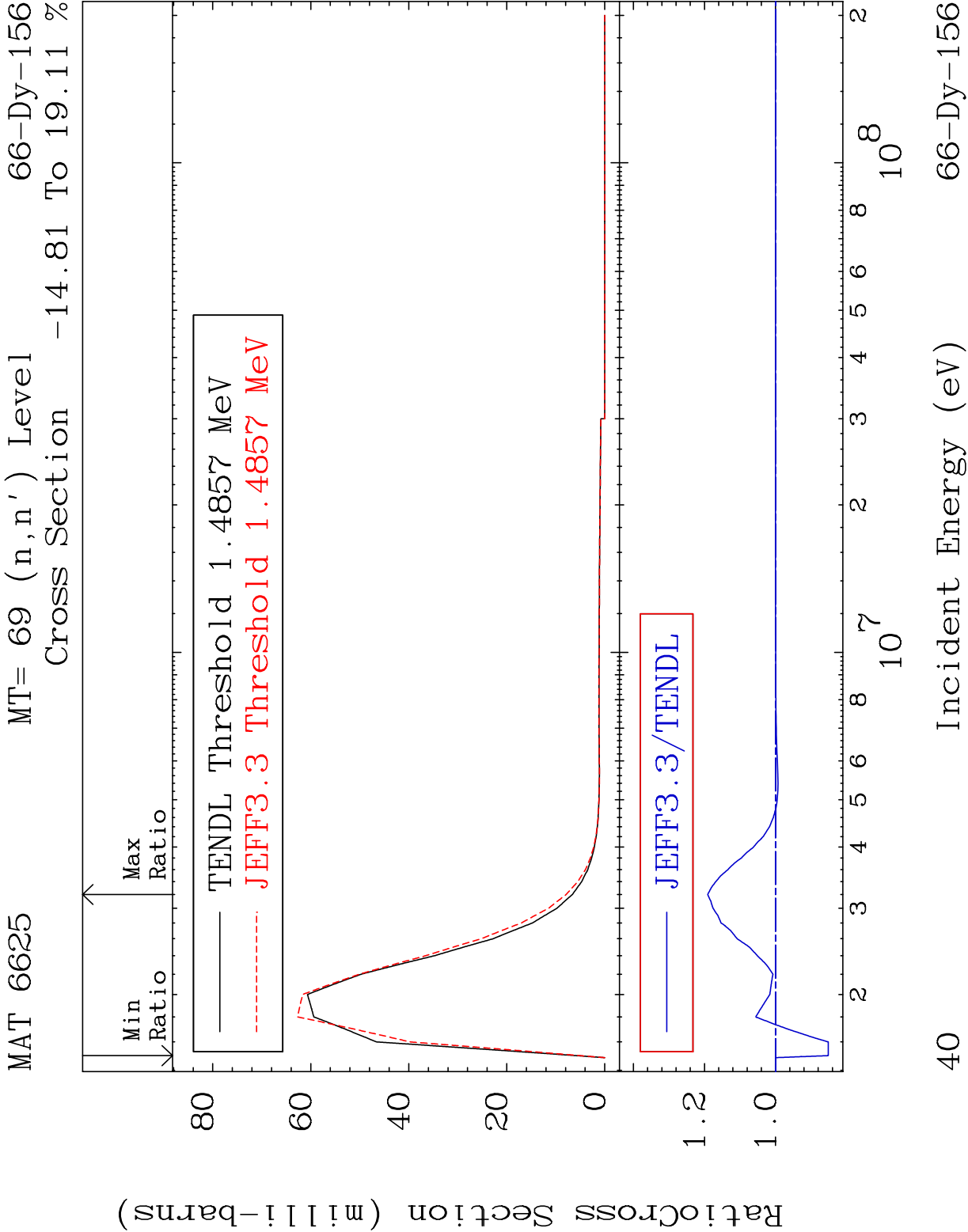


MAT 6625 MT= 67 (n,n') Level 66-Dy-156
 Cross Section -100.0 To 15.02 %

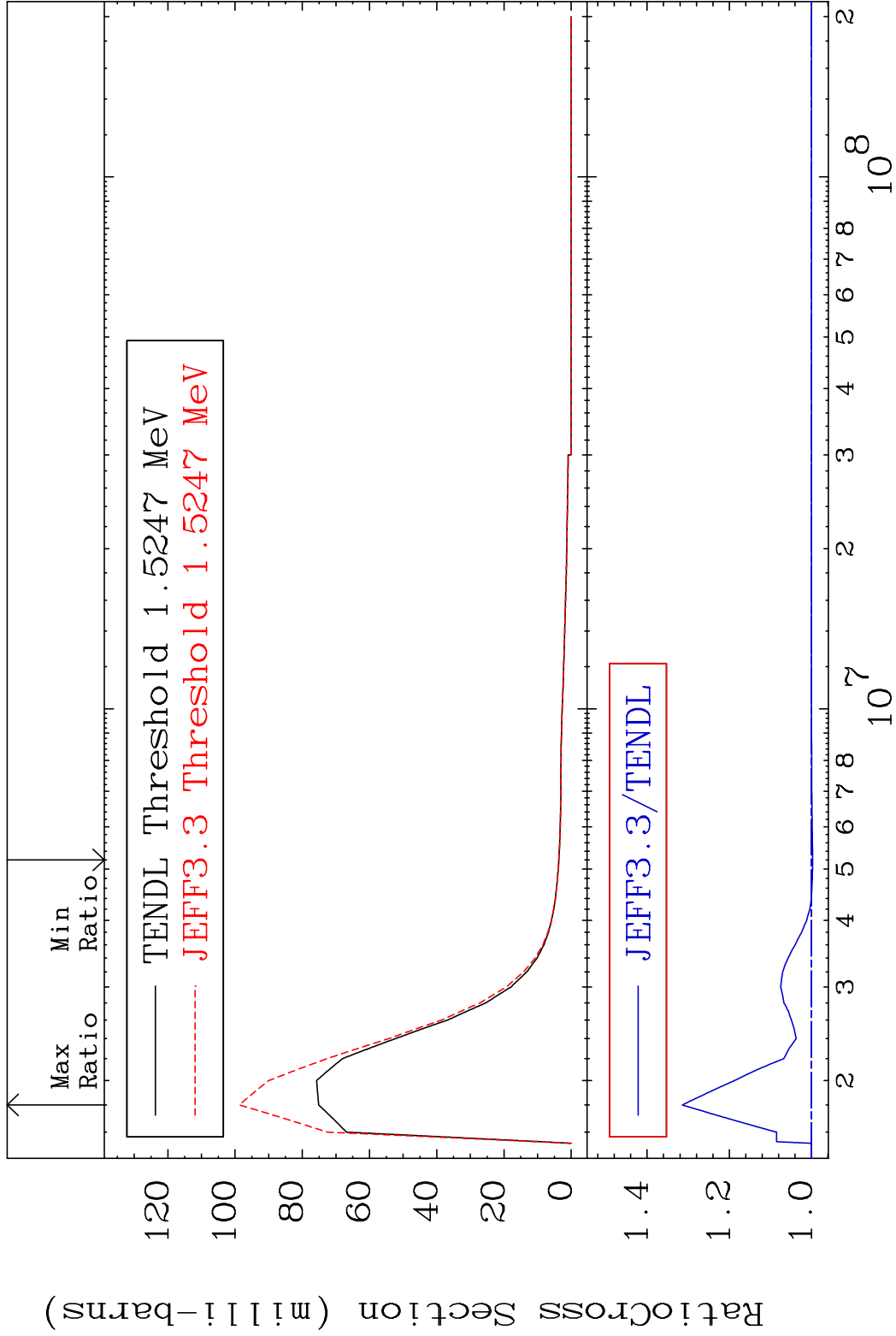


MAT 6625 MT= 68 (n,n') Level 66-Dy-156
Cross Section -0.242 To 29.71 %





MAT 6625 MT= 70 (n,n') Level 66-Dy-156
Cross Section -0.250 To 31.43 %



MAT 6625

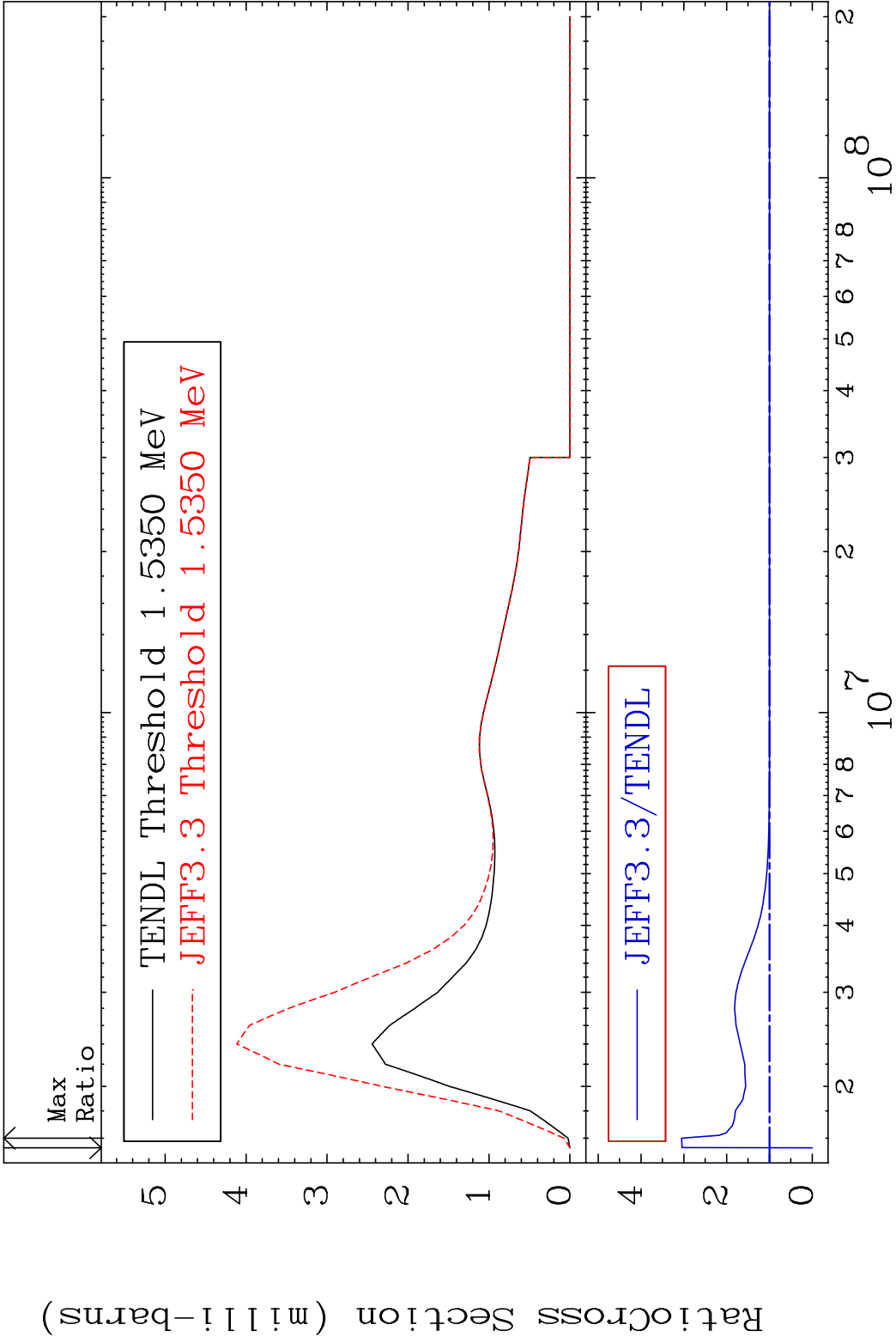
MT= 71 (n,n')

Level

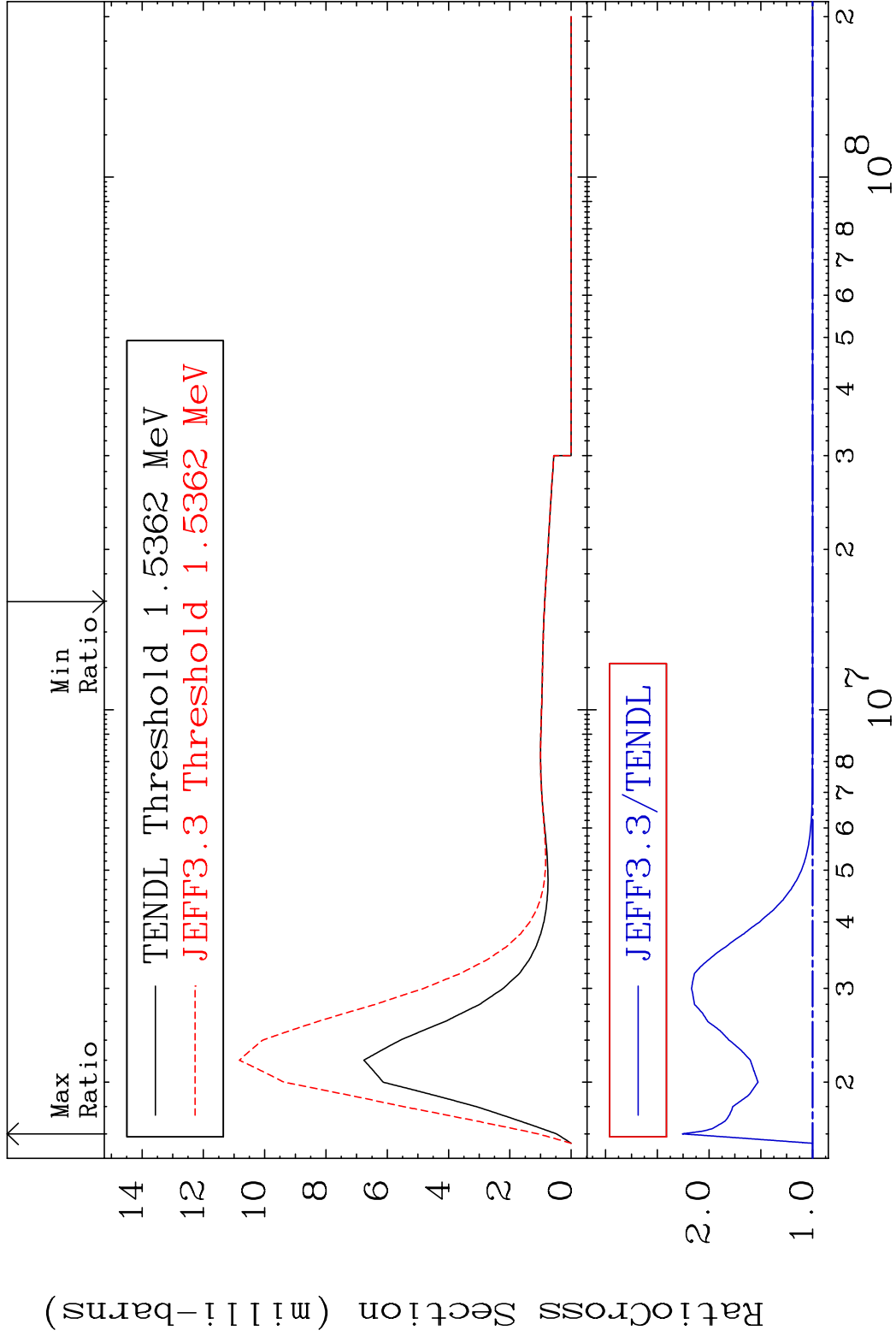
66-Dy-156

Cross Section

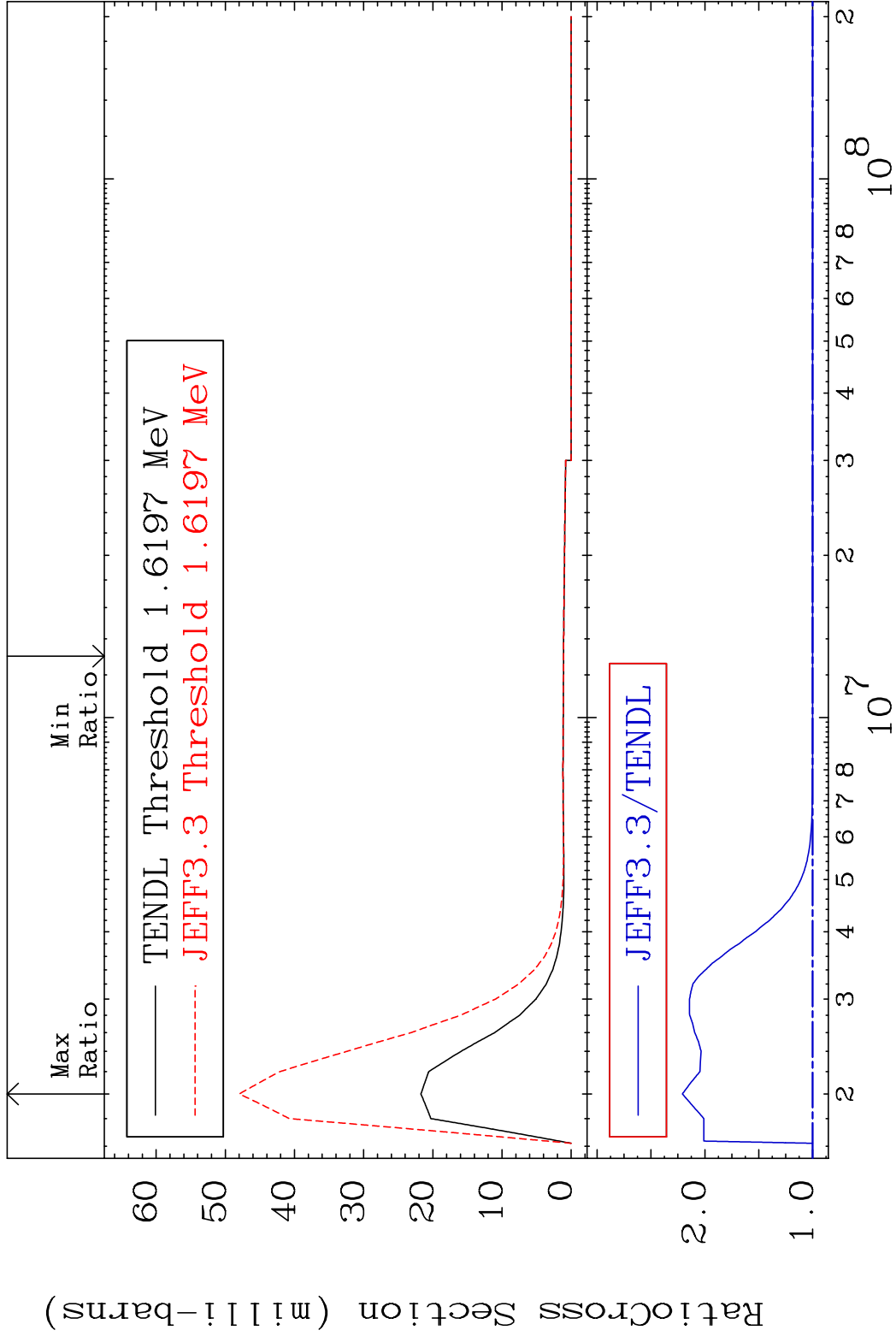
-100.0 To 205.2 %



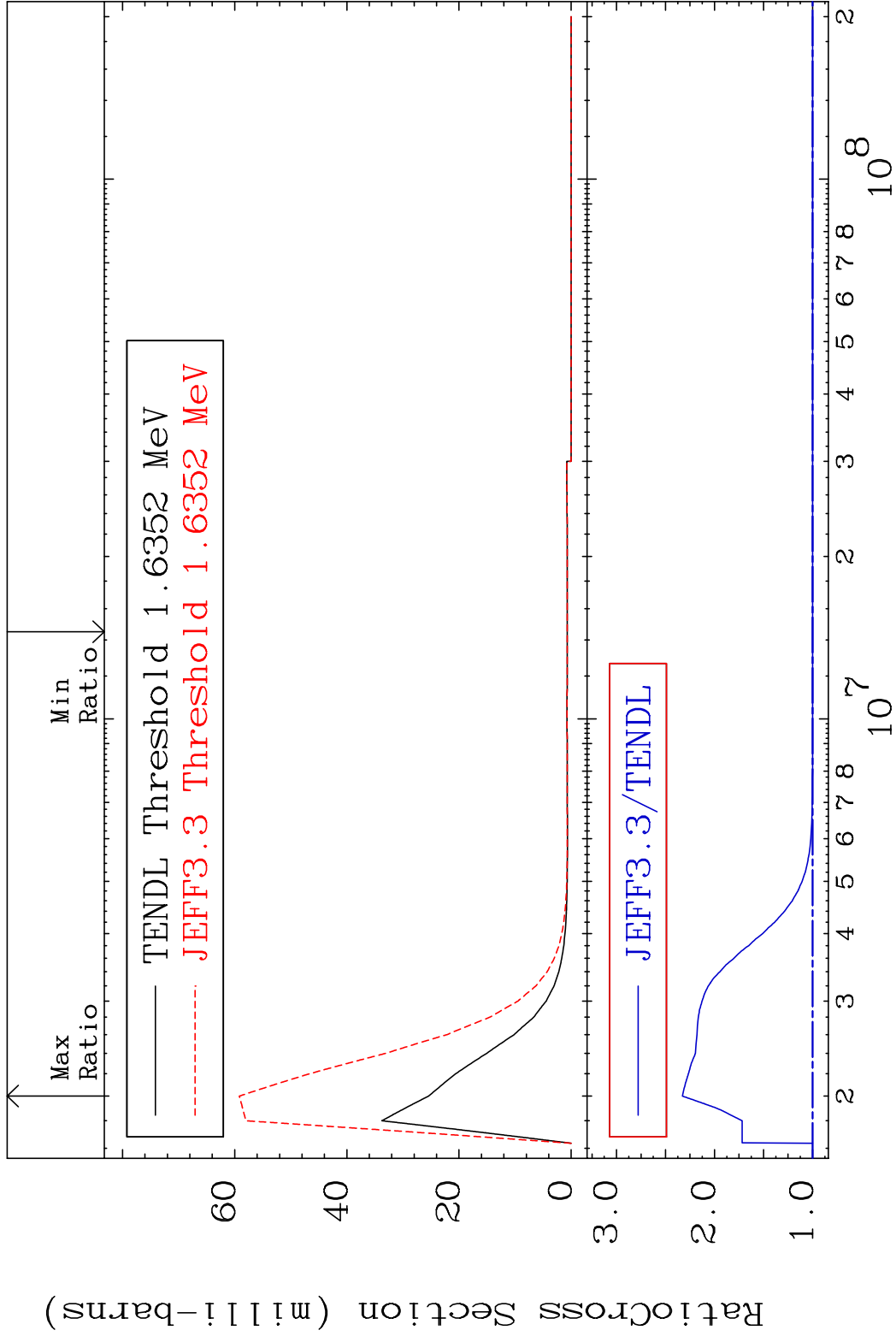
MAT 6625 MT= 72 (n,n') Level 66-Dy-156
Cross Section 0.000 To 125.8 %



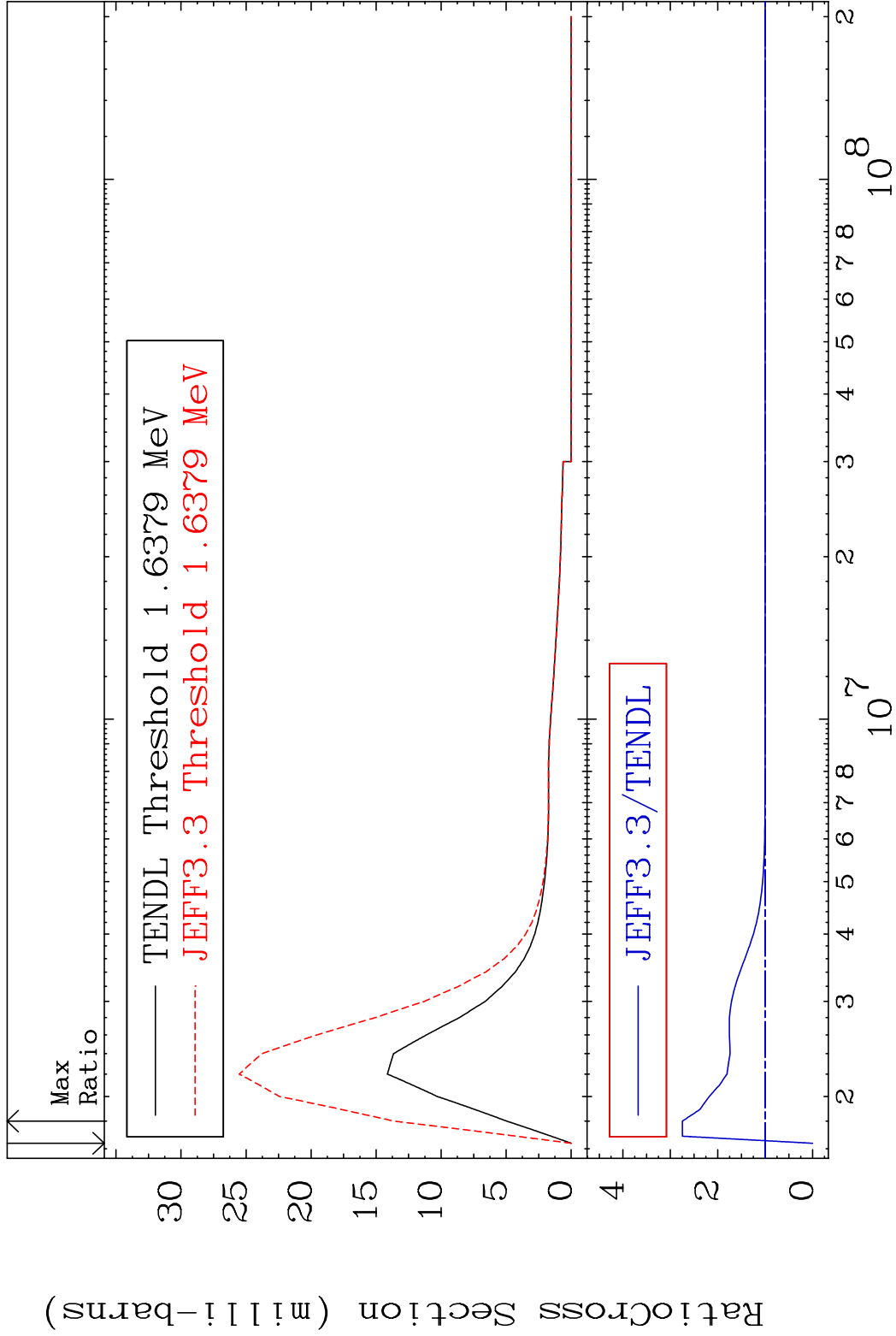
MAT 6625 MT= 73 (n,n') Level 66-Dy-156
Cross Section 0.000 To 120.9 %



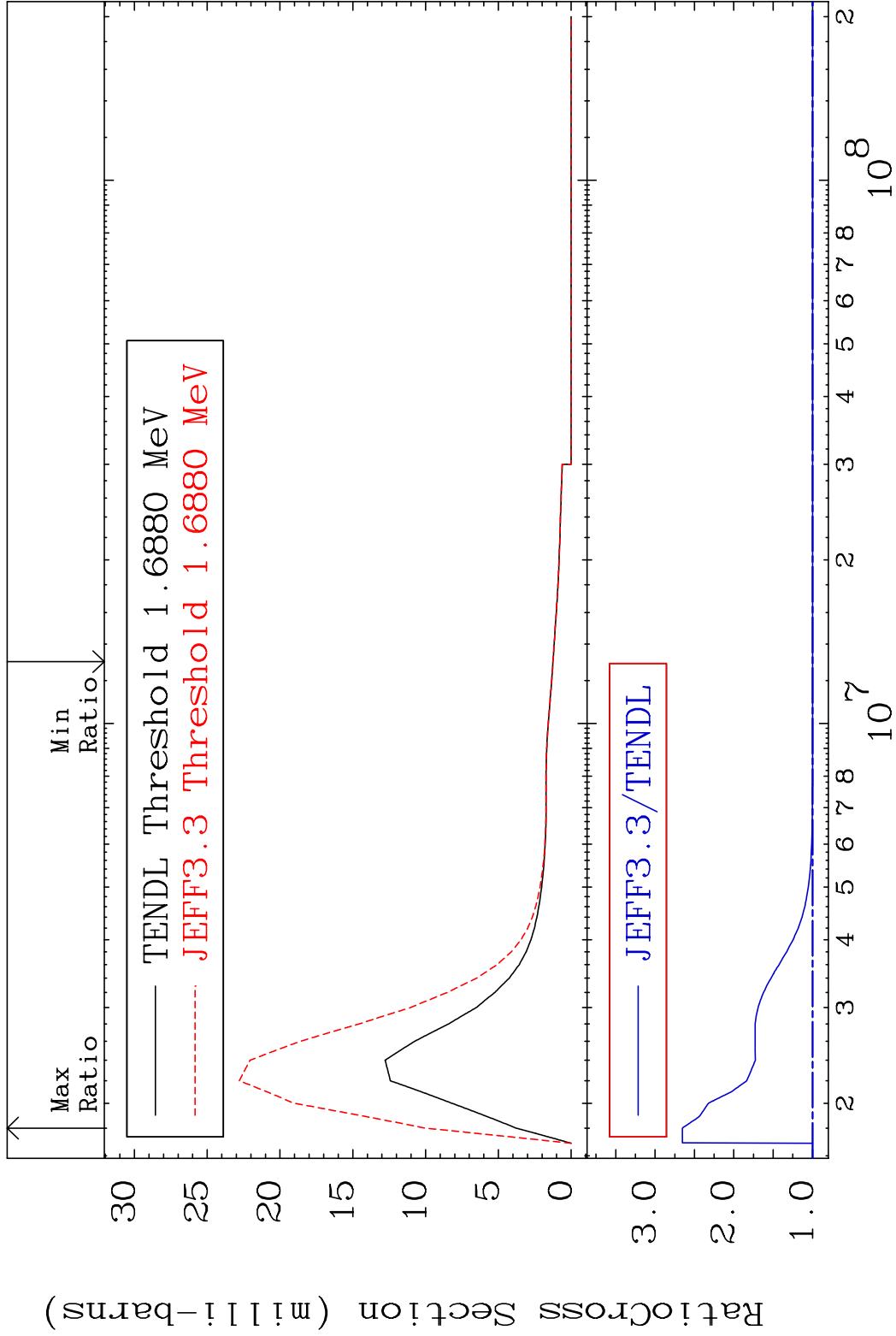
MAT 6625 MT= 74 (n,n') Level 66-Dy-156
Cross Section 0.000 To 132.8 %



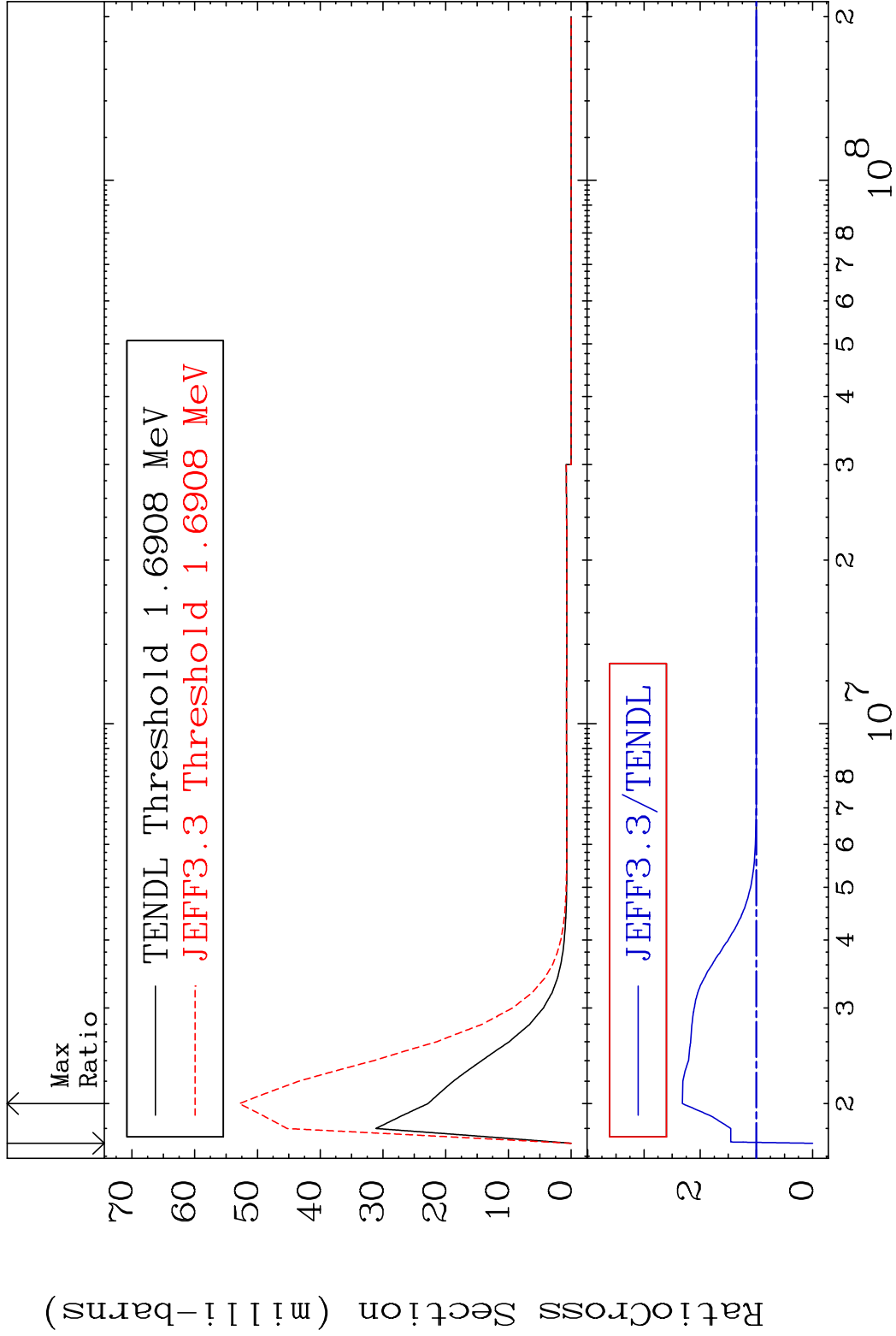
MAT 6625 MT= 75 (n,n') Level 66-Dy-156
Cross Section -100.0 To 174.7 %



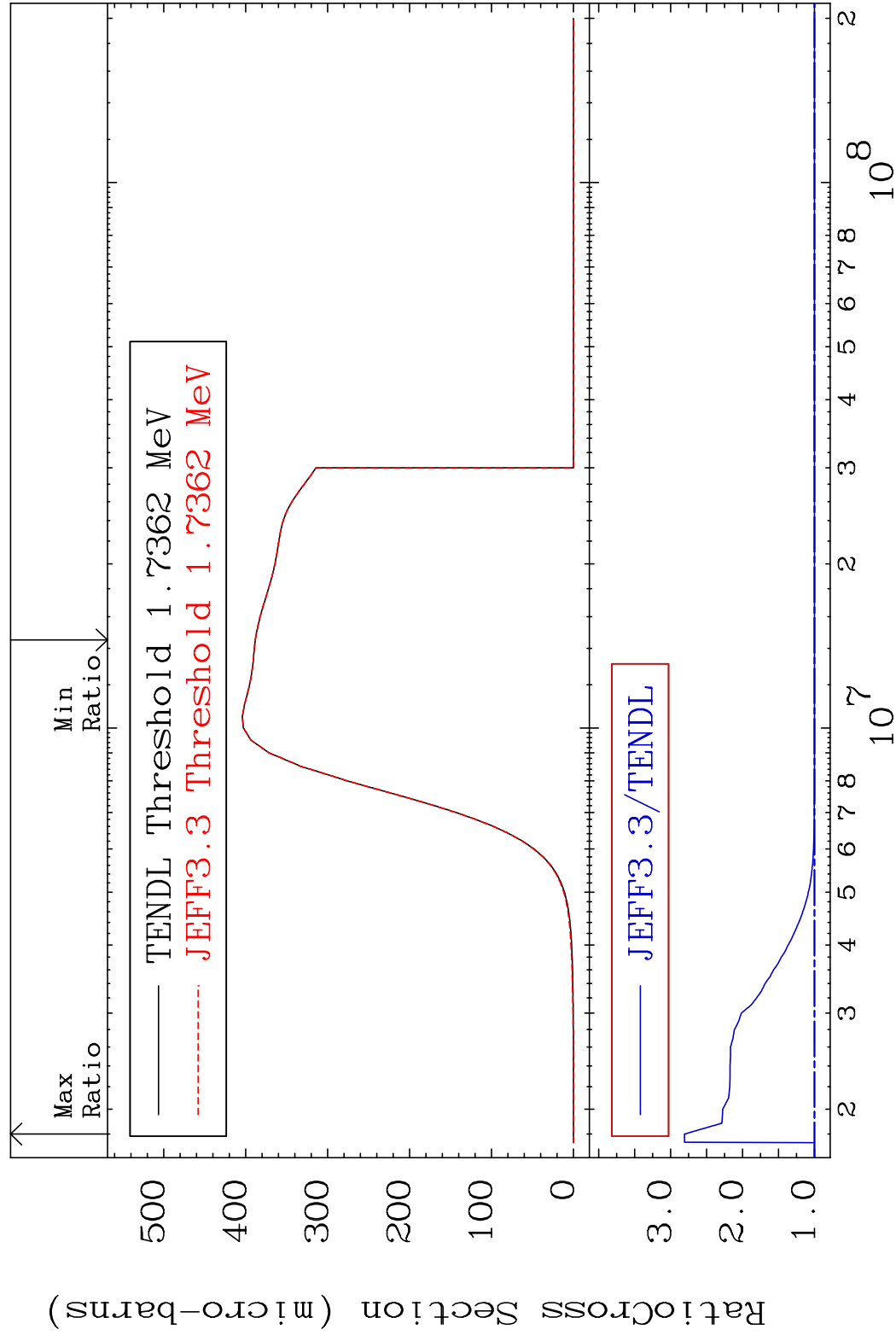
MAT 6625 MT= 76 (n,n') Level 66-Dy-156
Cross Section 0.000 To 165.3 %



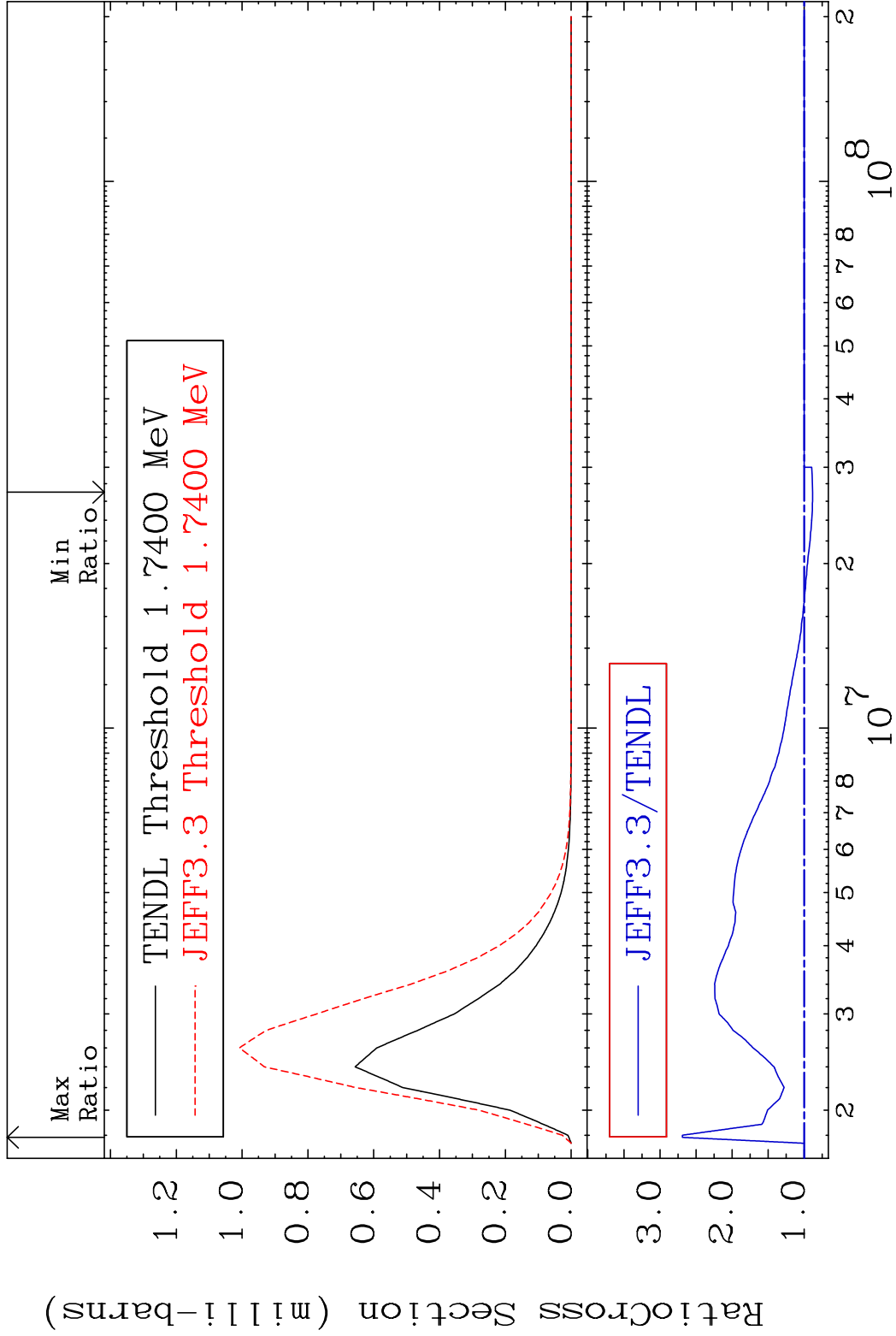
MAT 6625 MT= 77 (n,n') Level 66-Dy-156
Cross Section -100.0 To 131.8 %



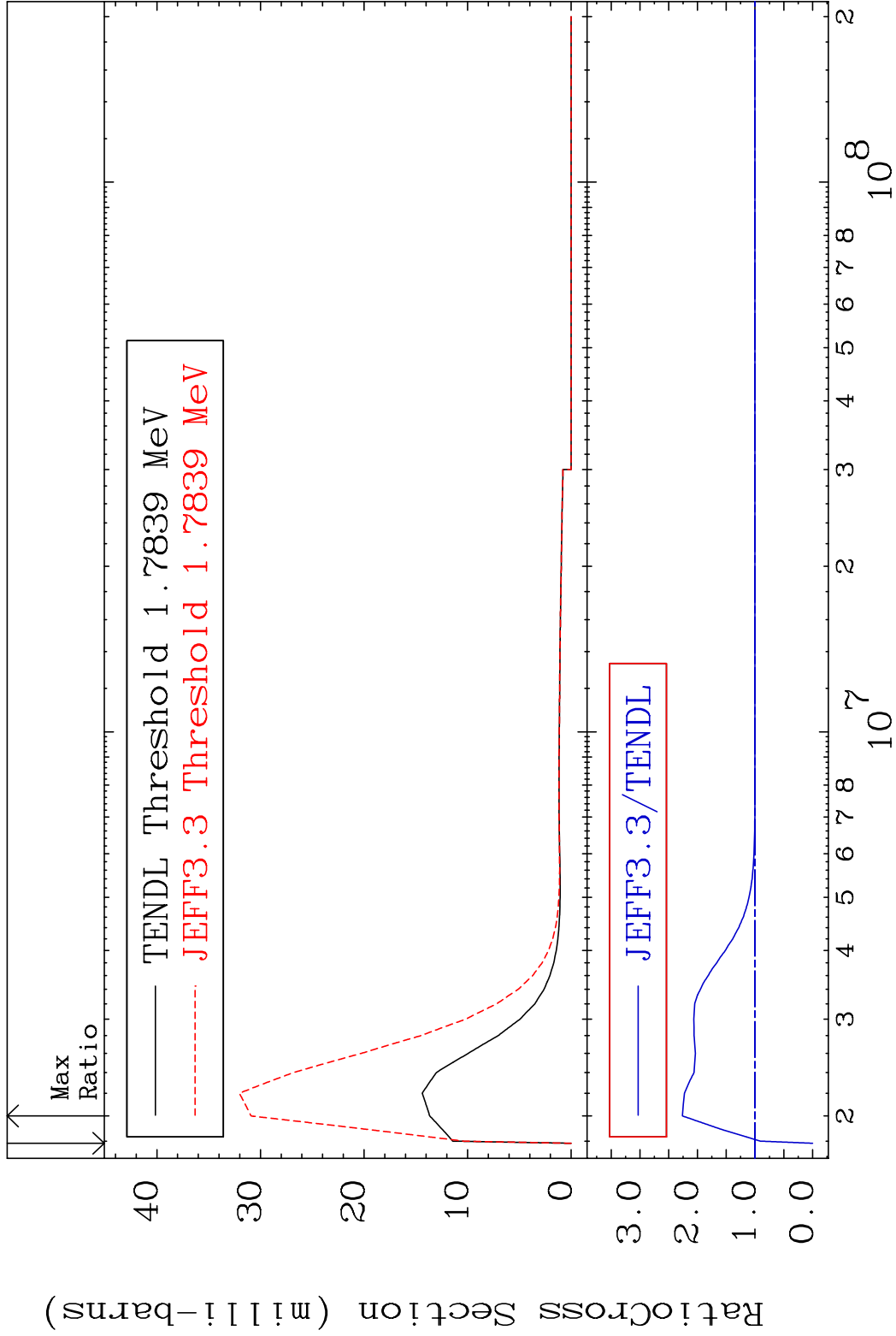
MAT 6625 MT= 78 (n,n') Level 66-Dy-156
Cross Section 0.000 To 180.6 %

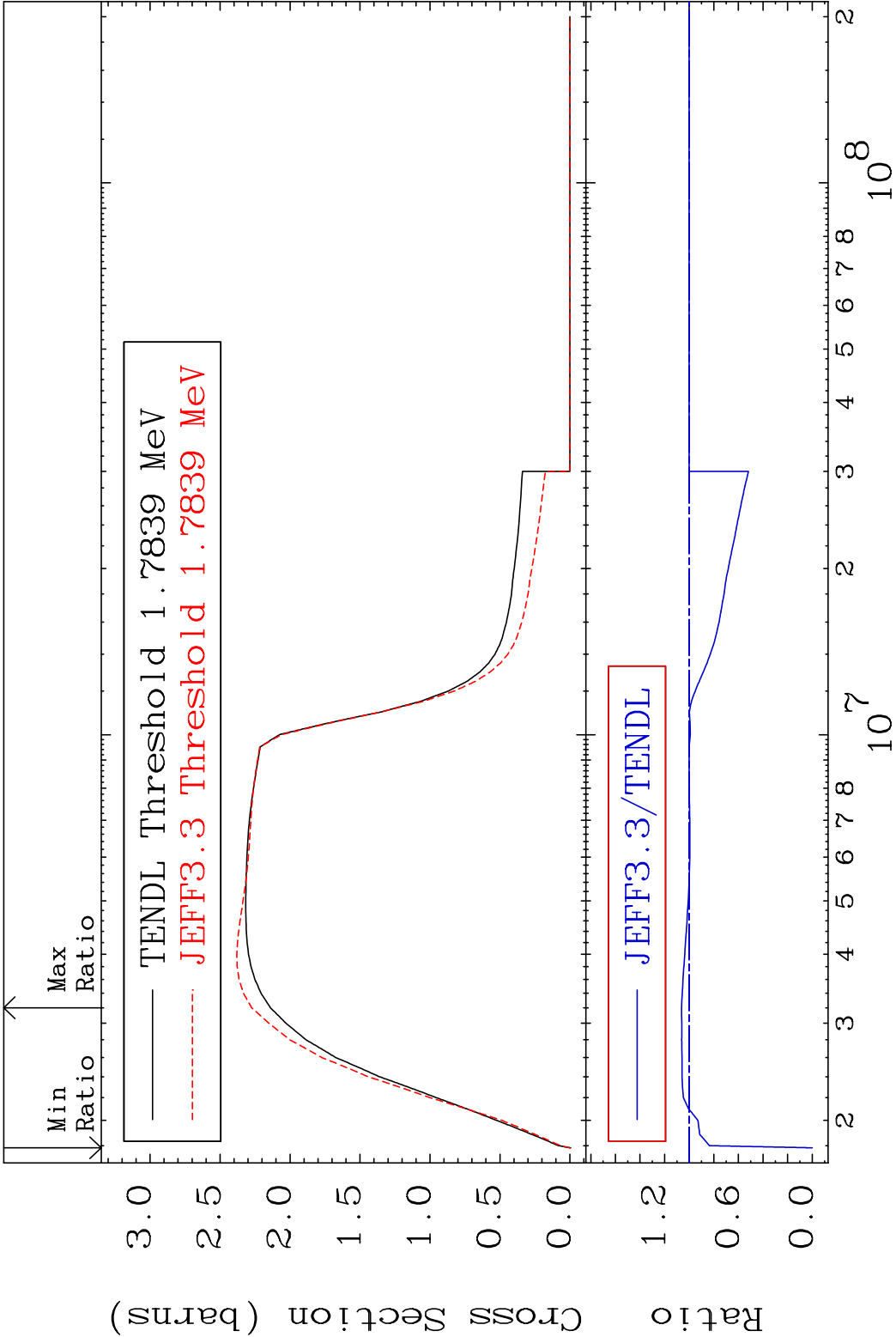


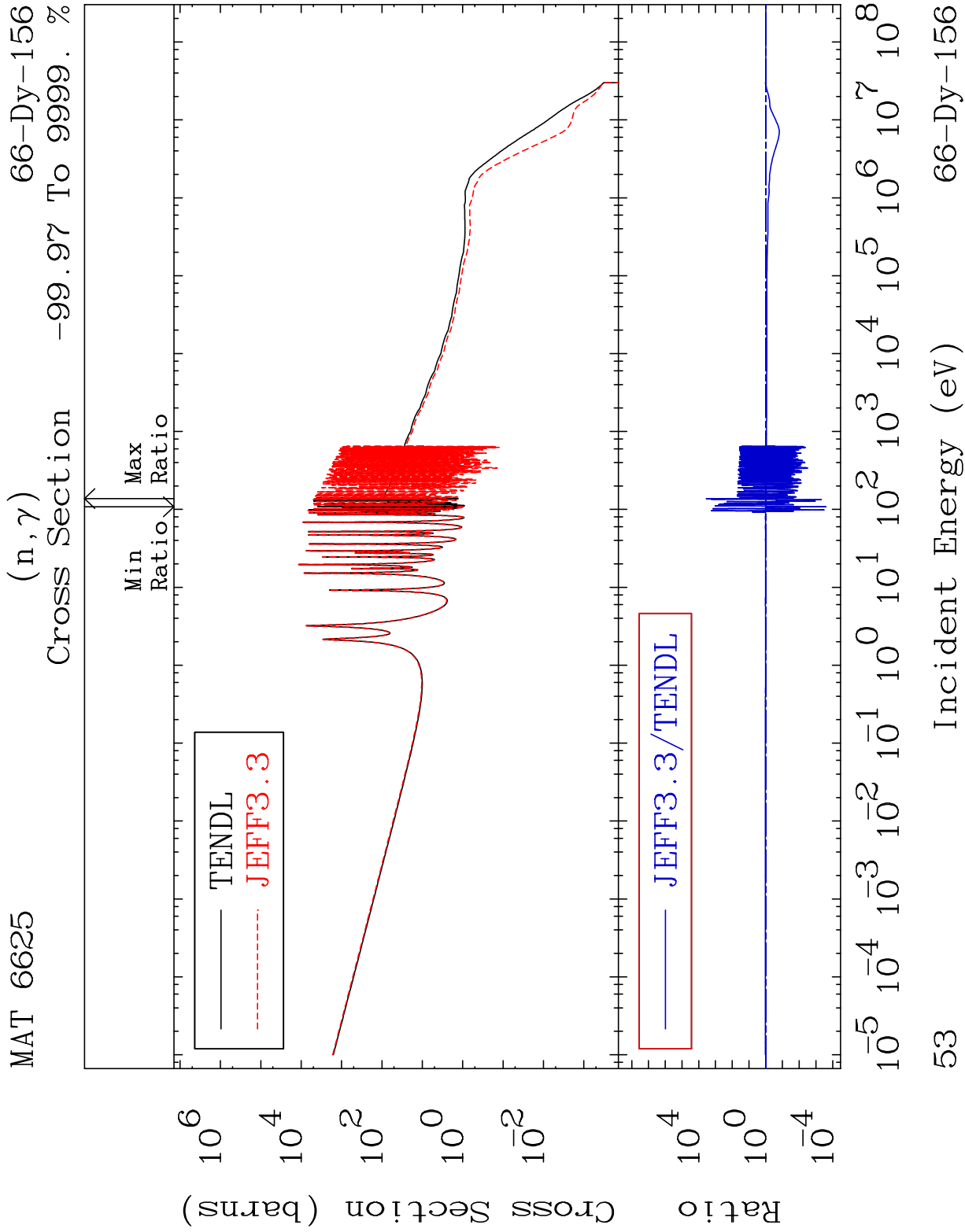
MAT 6625 MT= 79 (n,n') Level 66-Dy-156
Cross Section -11.56 To 169.0 %

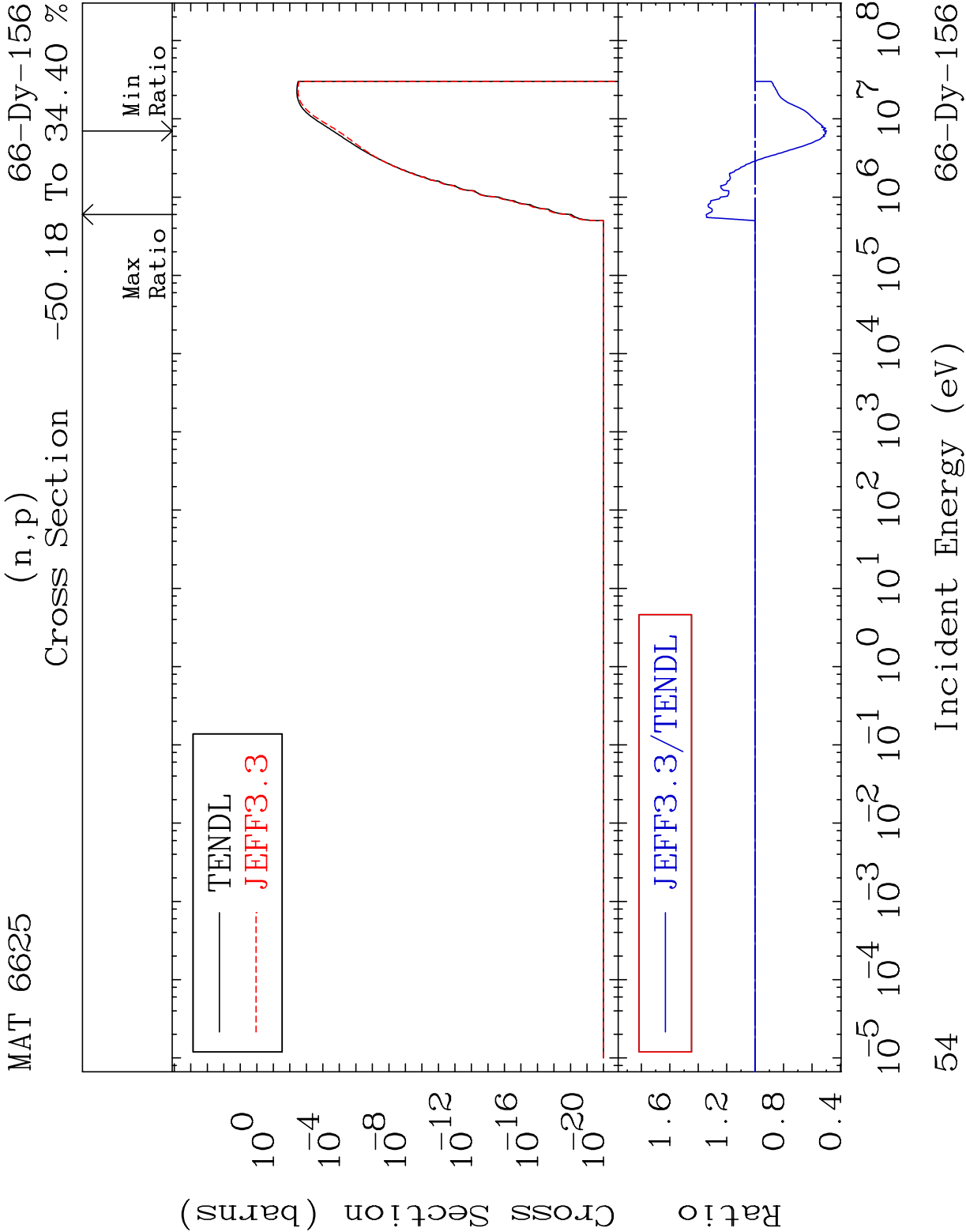


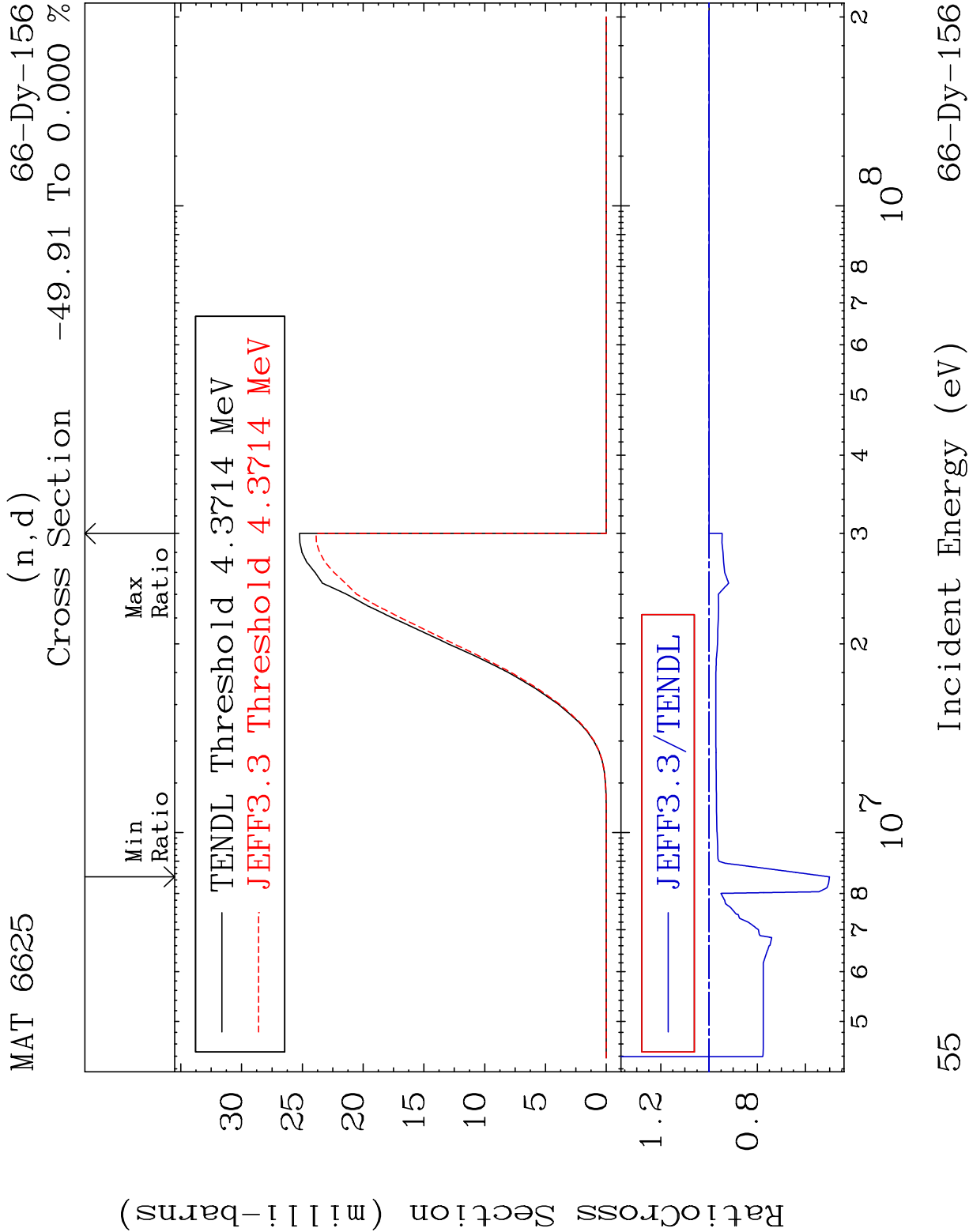
MAT 6625 MT= 80 (n,n') Level 66-Dy-156
 Cross Section -100.0 To 126.3 %

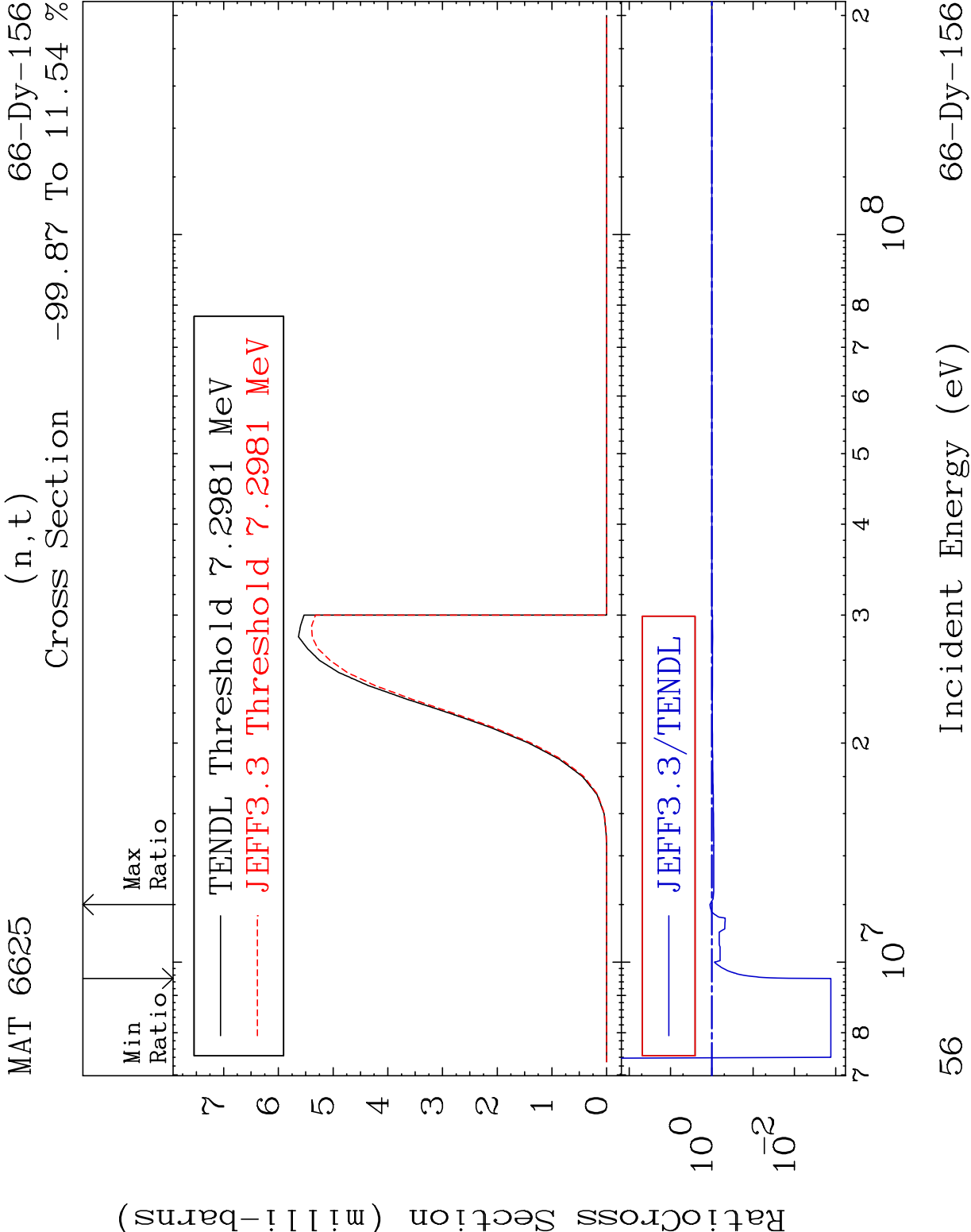




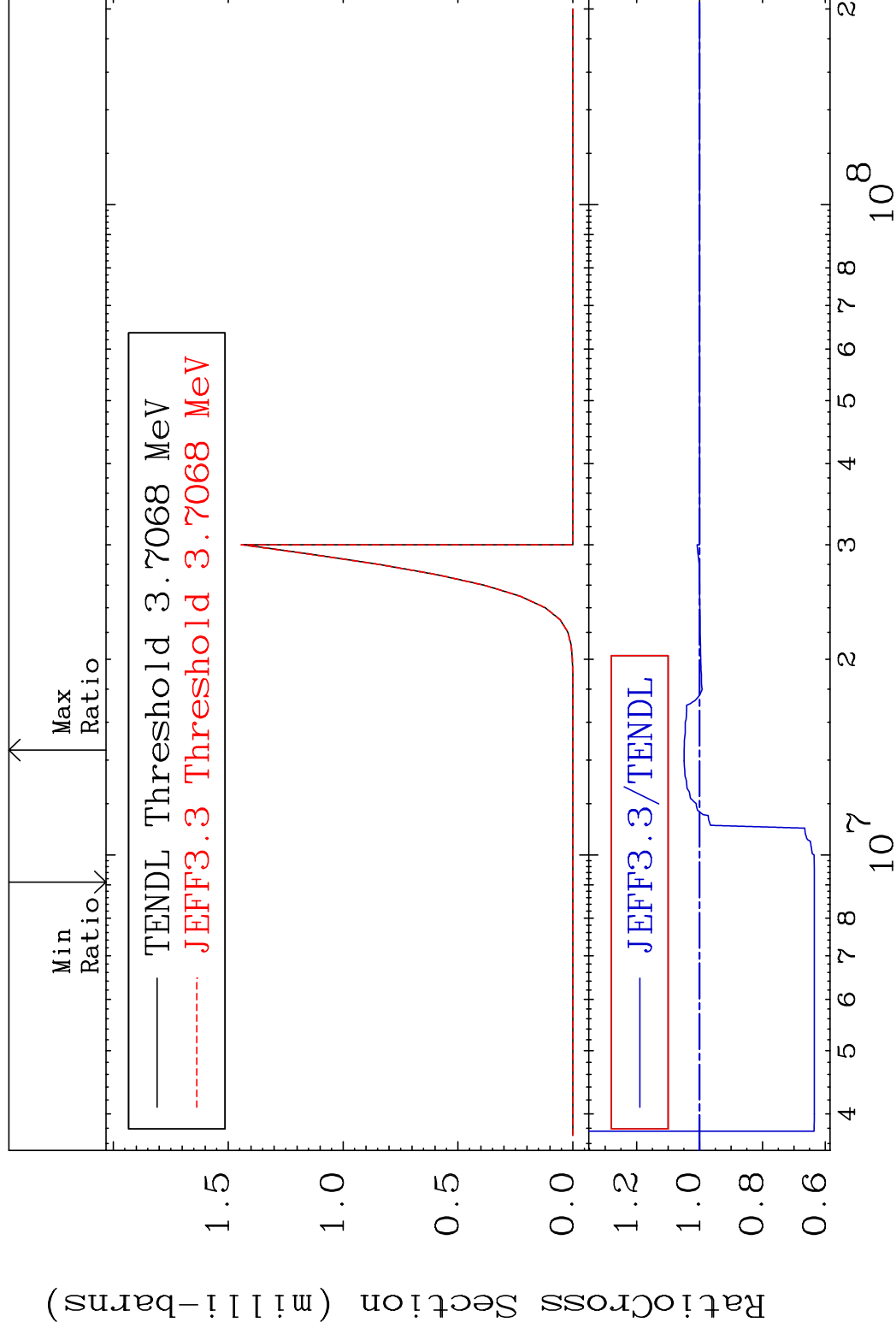


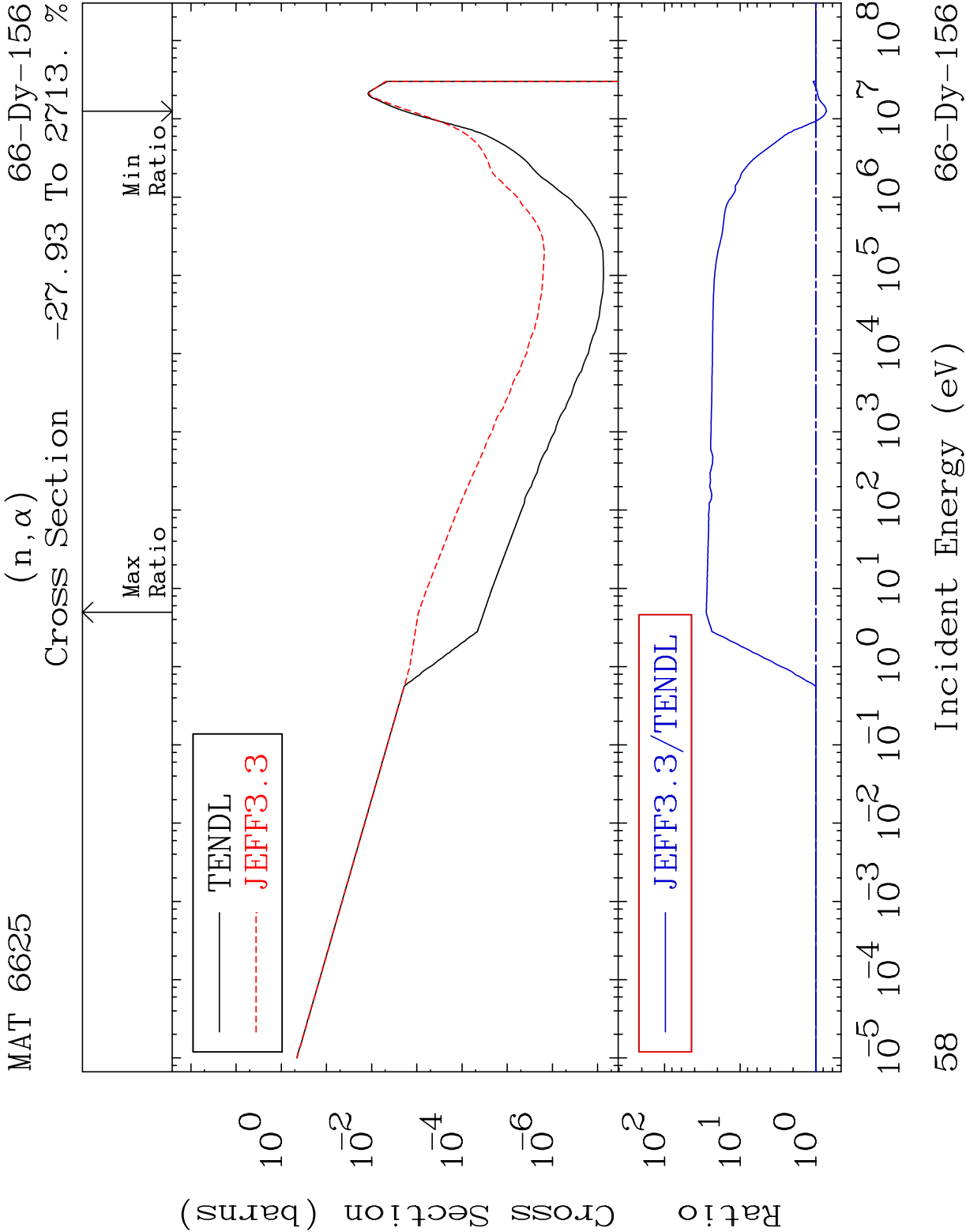


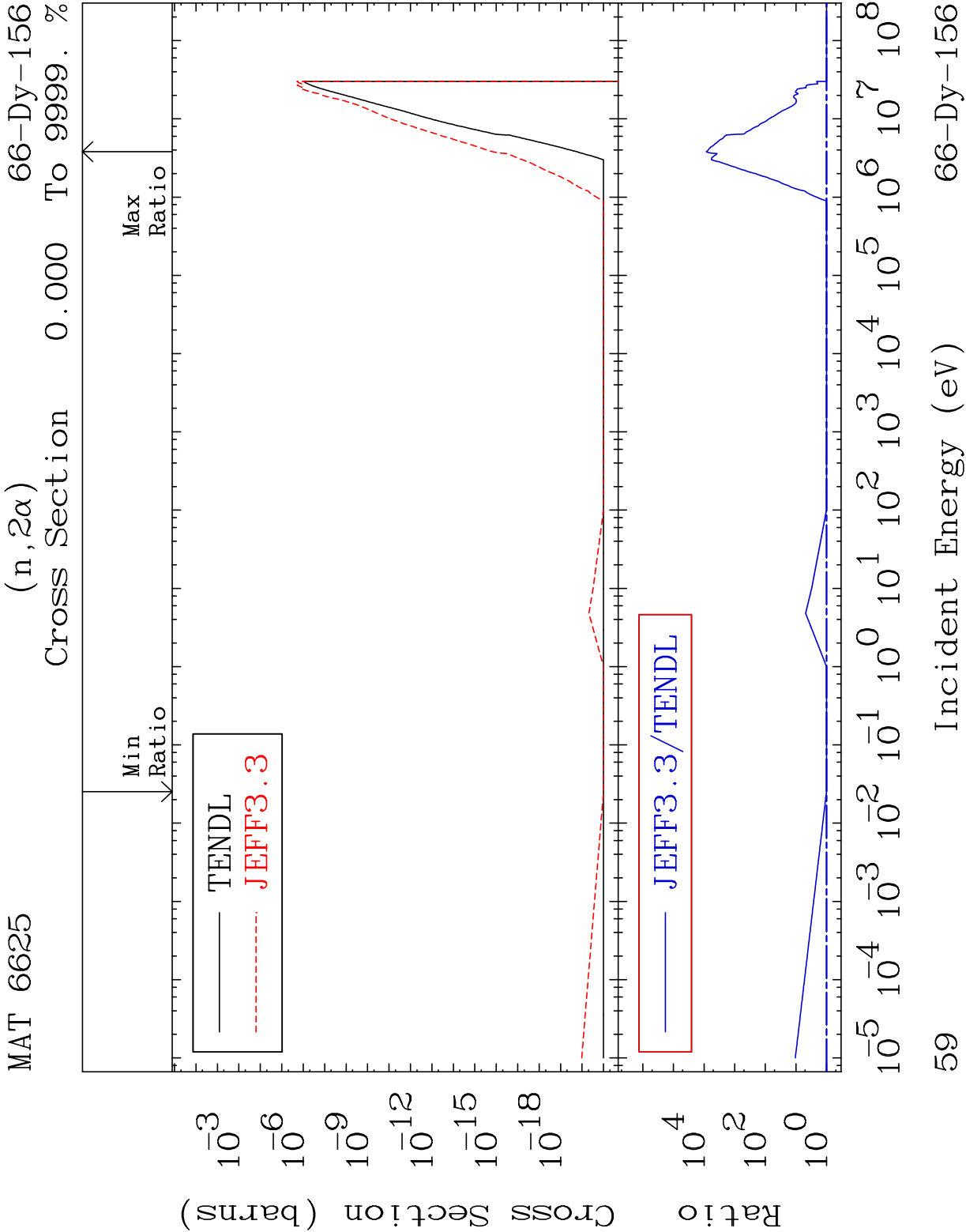


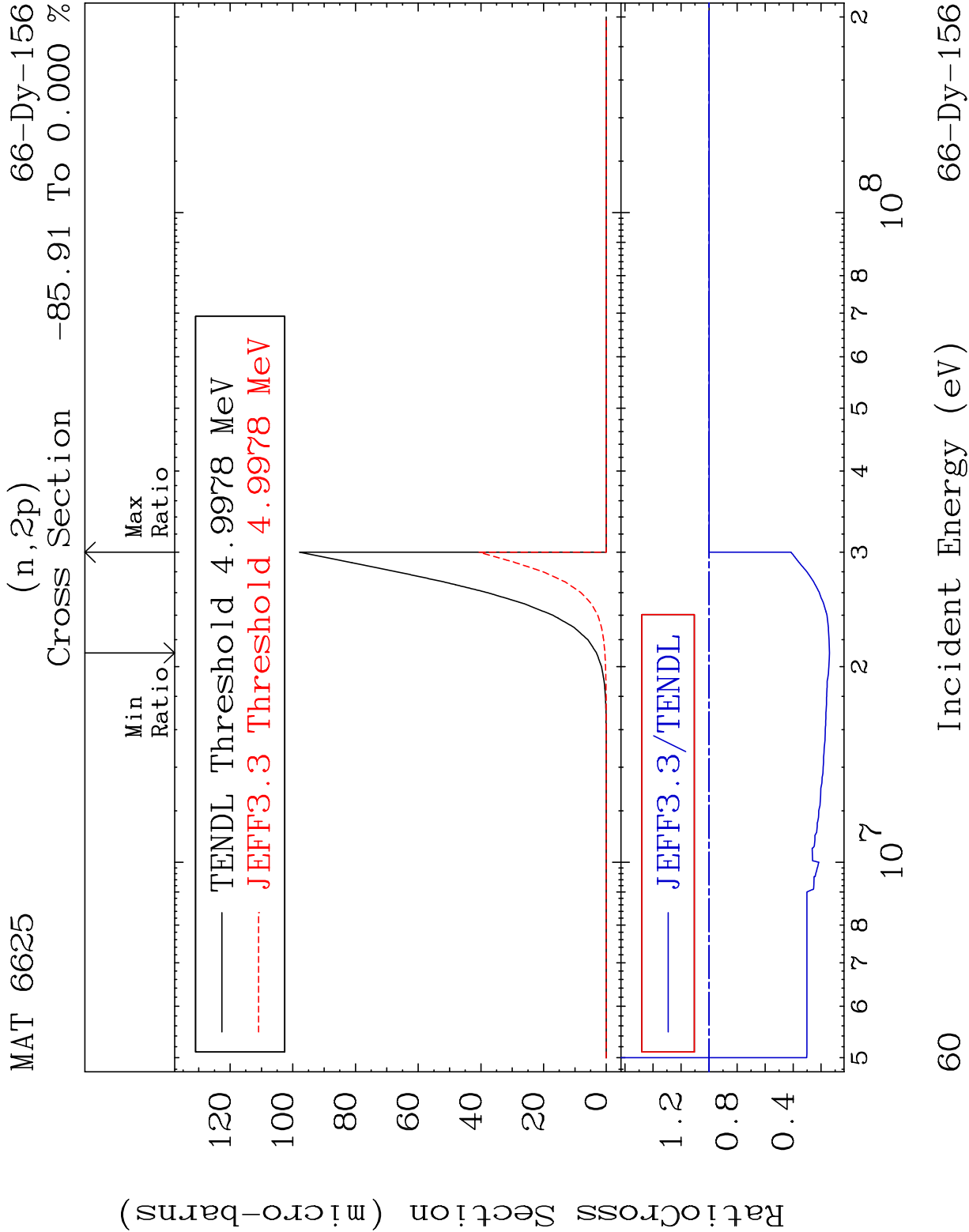


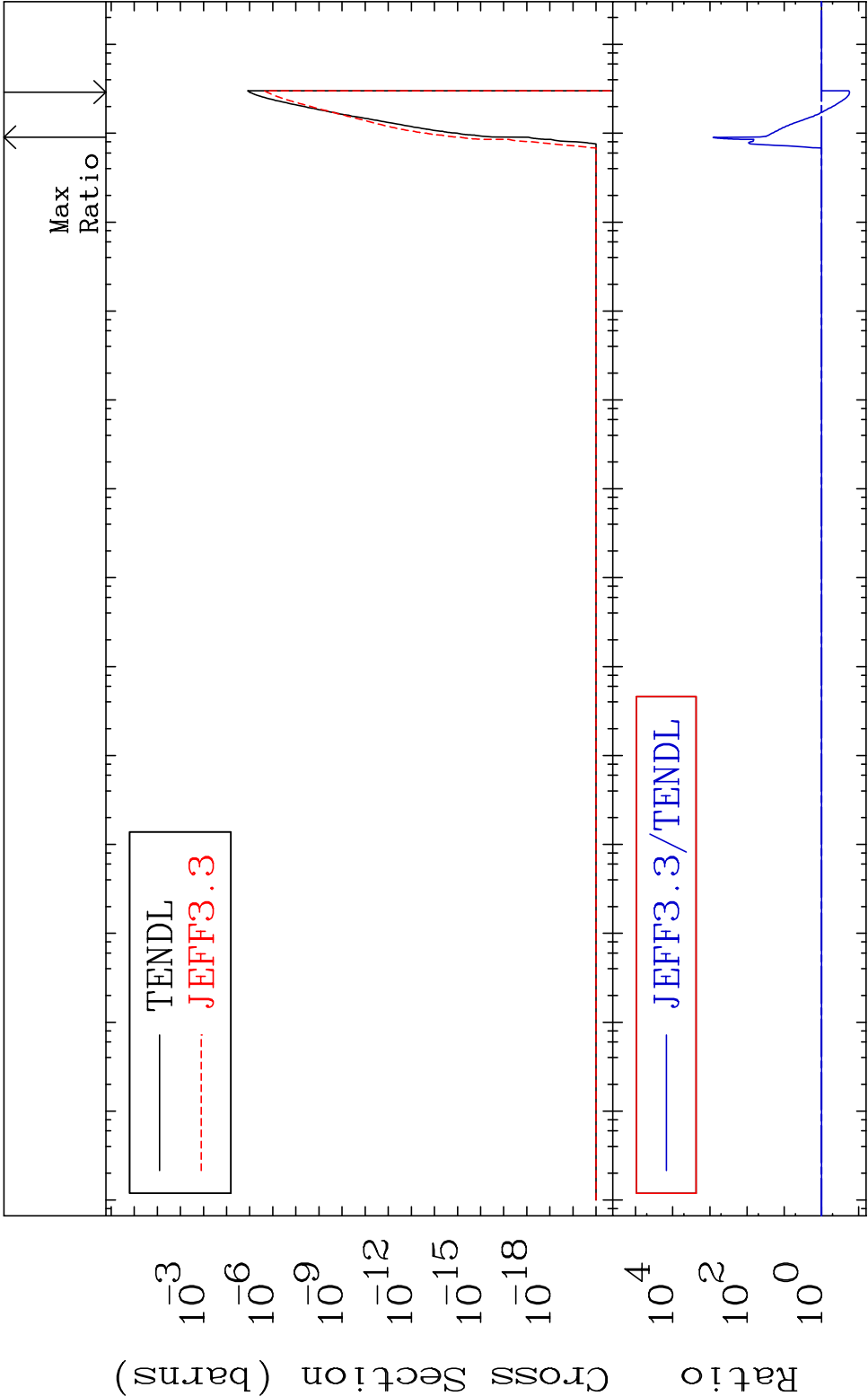
Cross Section -36.47 To 4.928 %

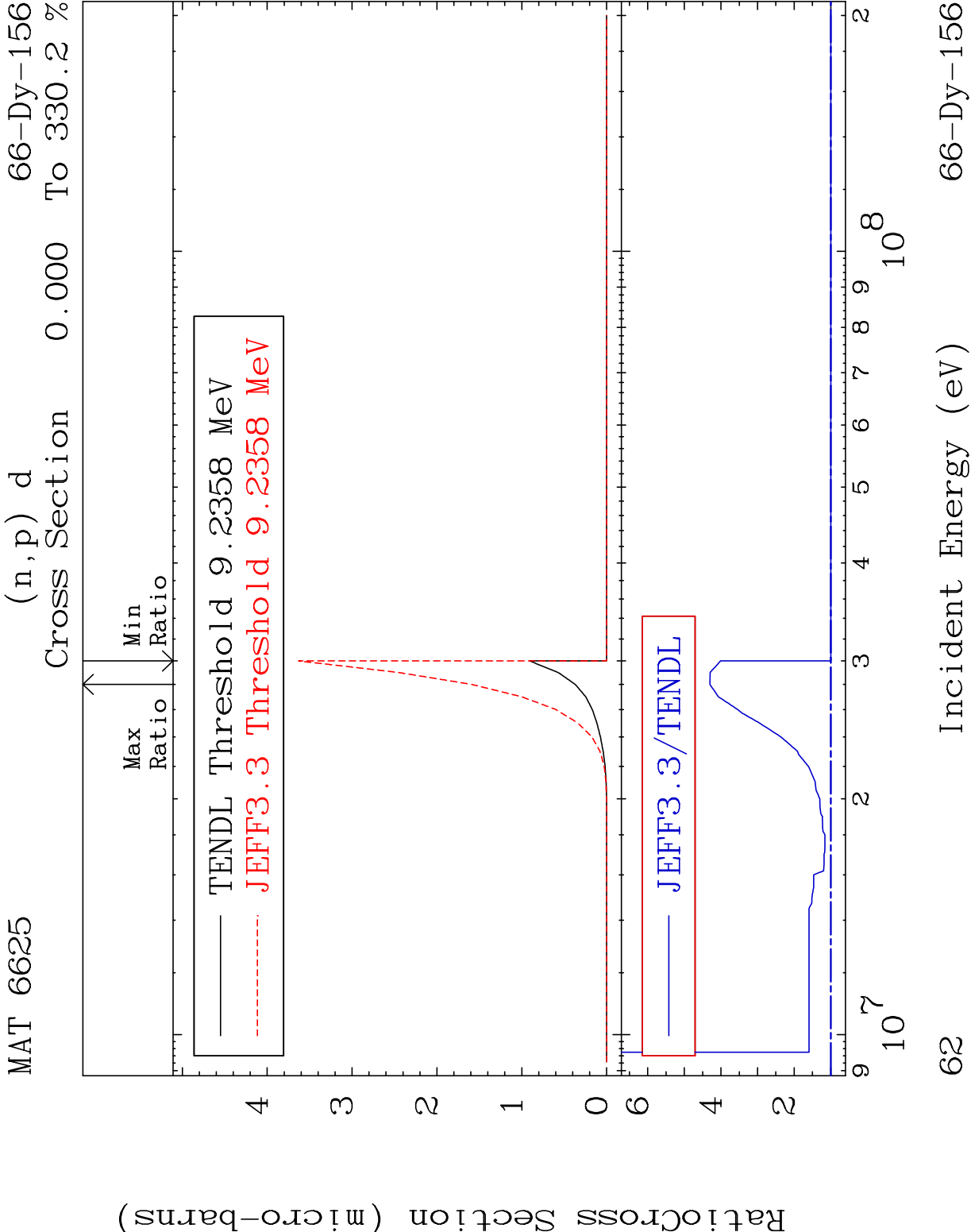


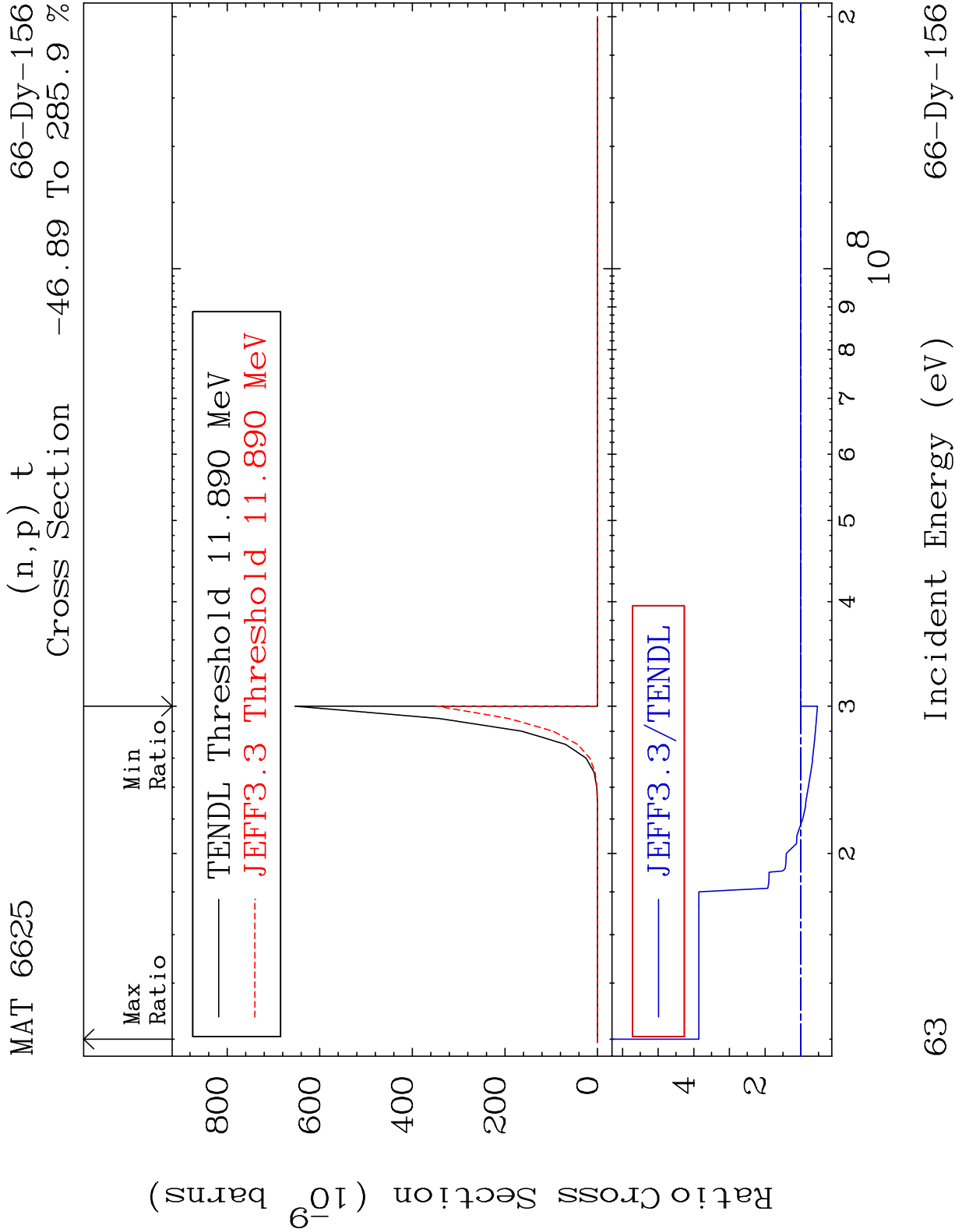












63

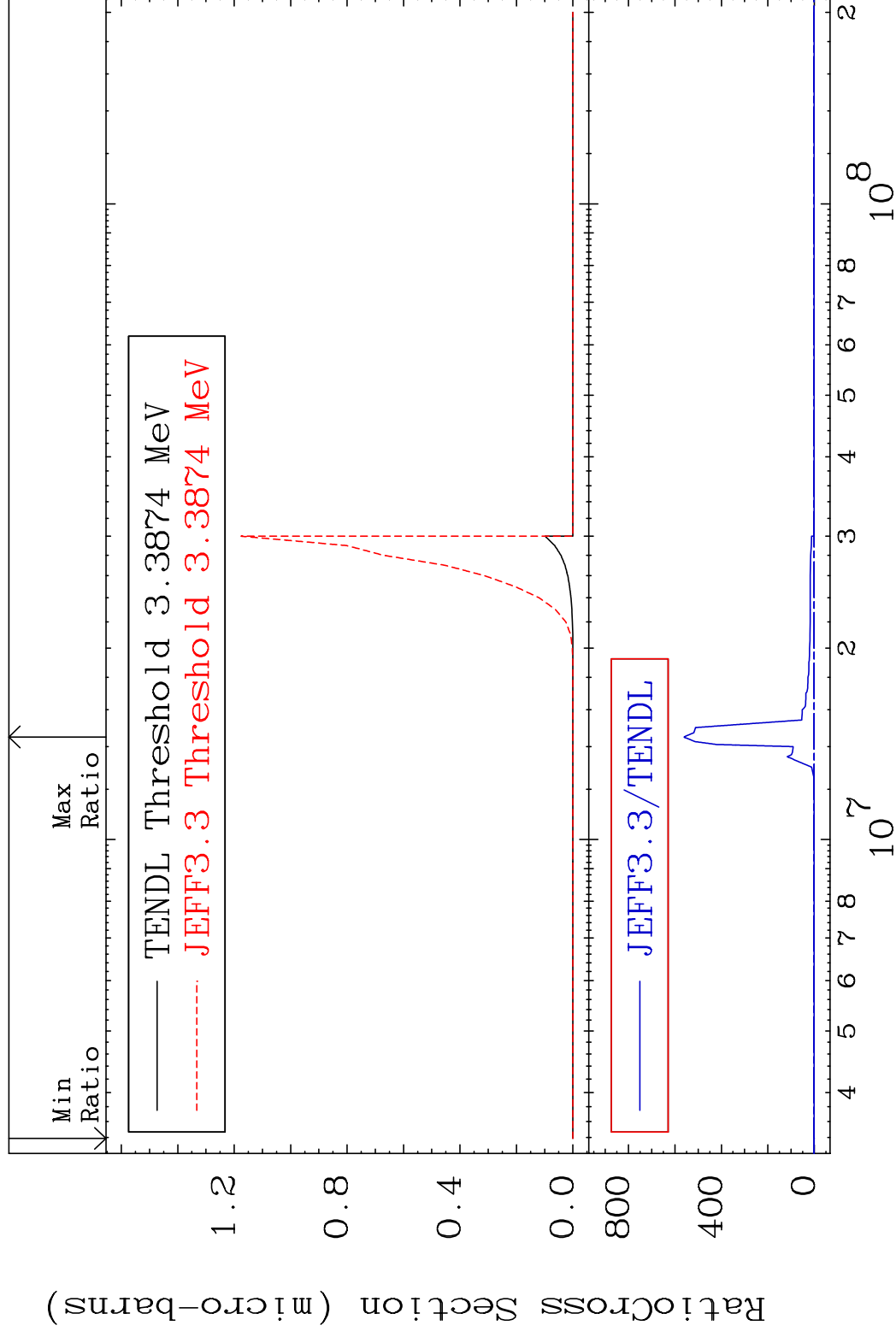
66-Dy-156

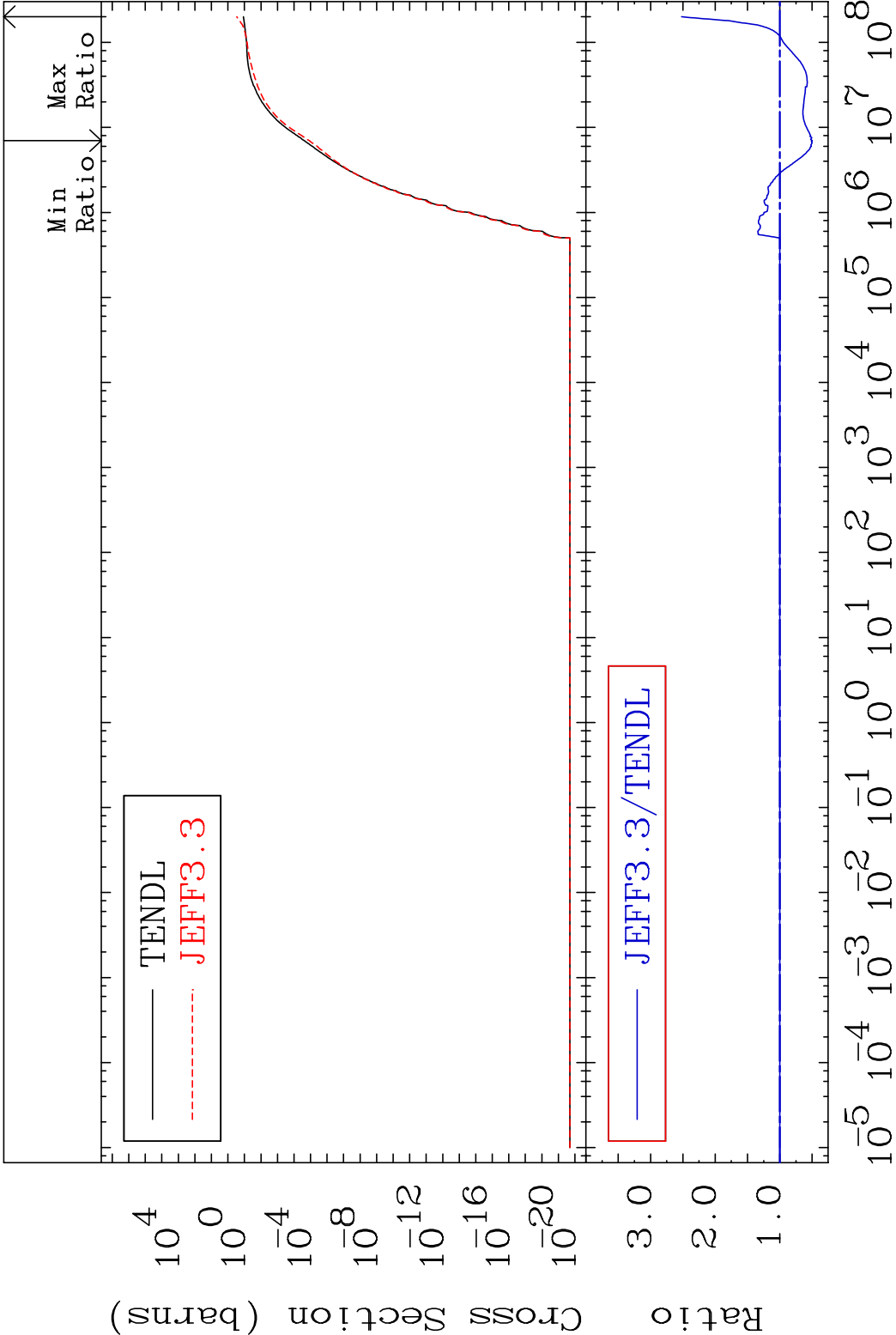
MAT 6625

$$(n, d) \propto$$

66-Dy-156

Cross Section -100.0 To 9999. %





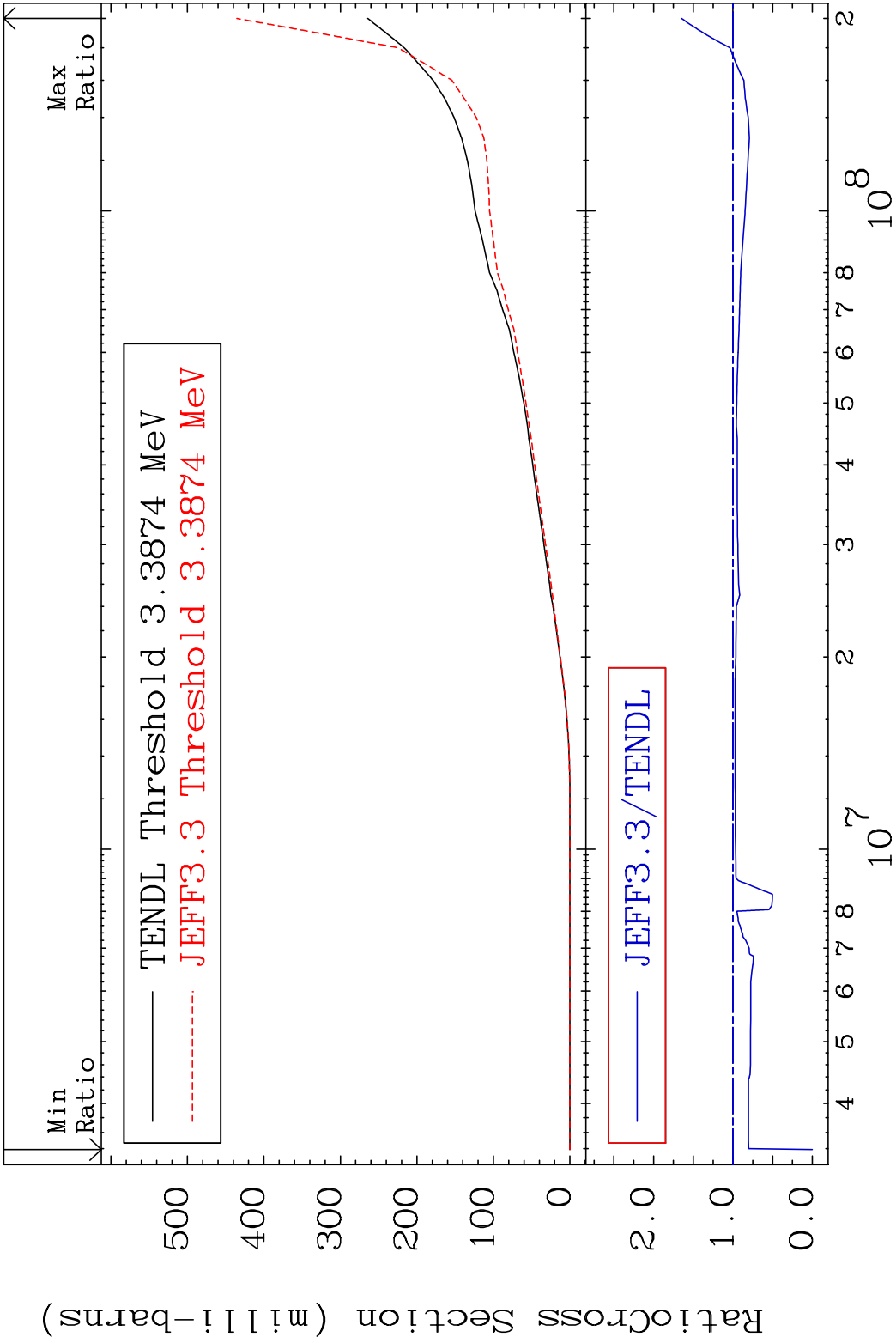
MAT 6625

Deuterium Production

66-Dy-156

Cross Section

-100.0 To 64.76 %



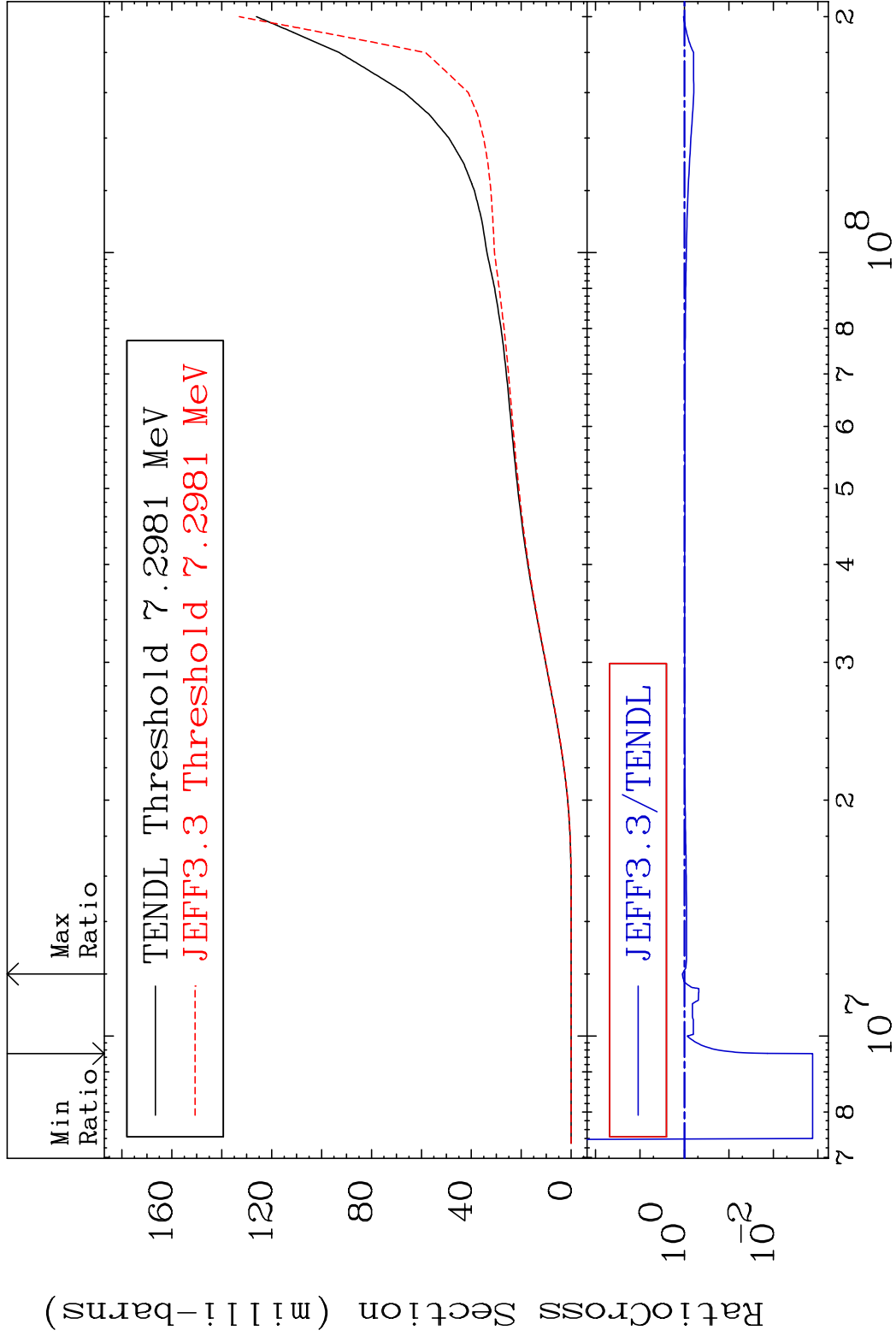
MAT 6625

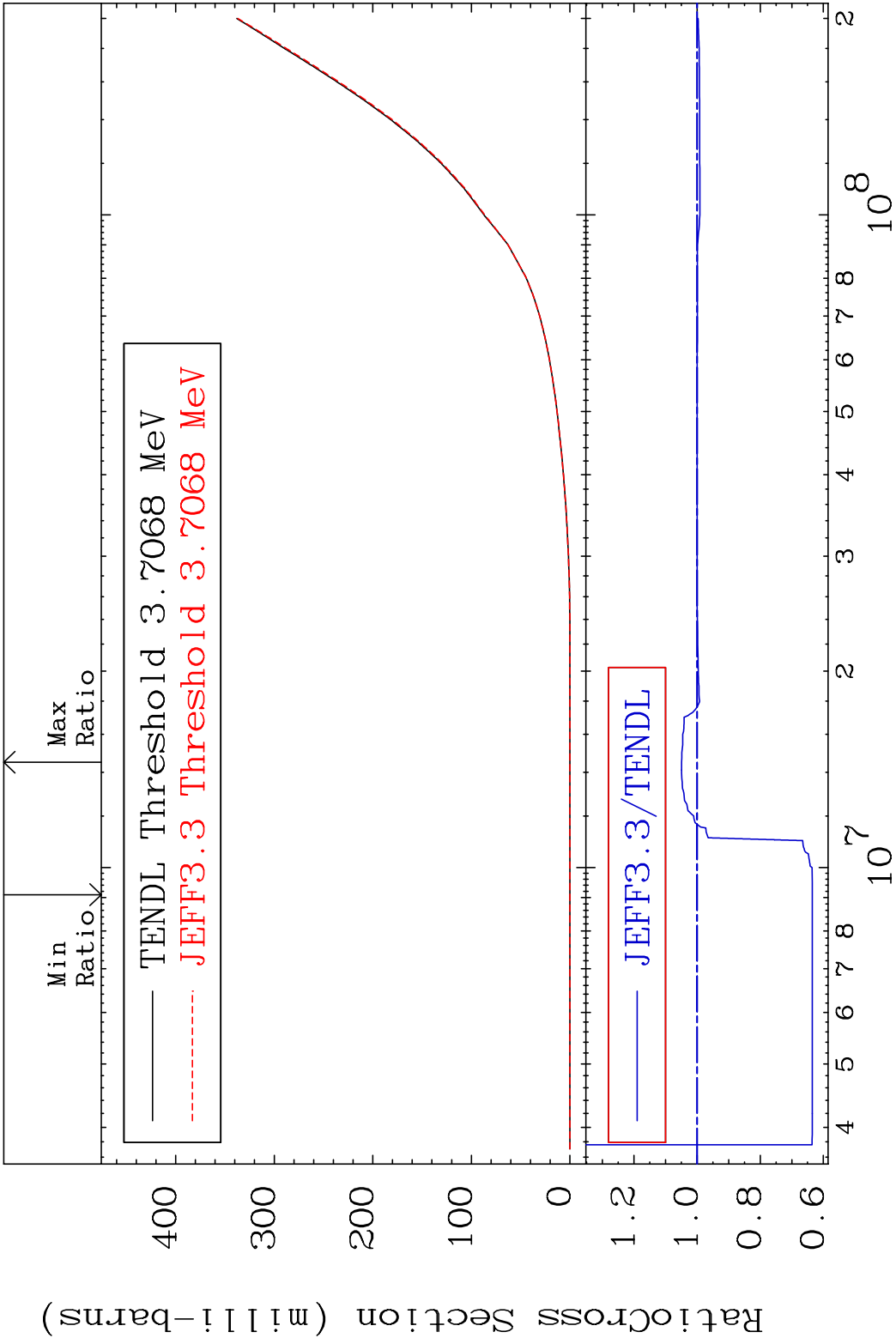
Tritium Production

Cross Section

-99.87 To 11.54 %

66-Dy-156





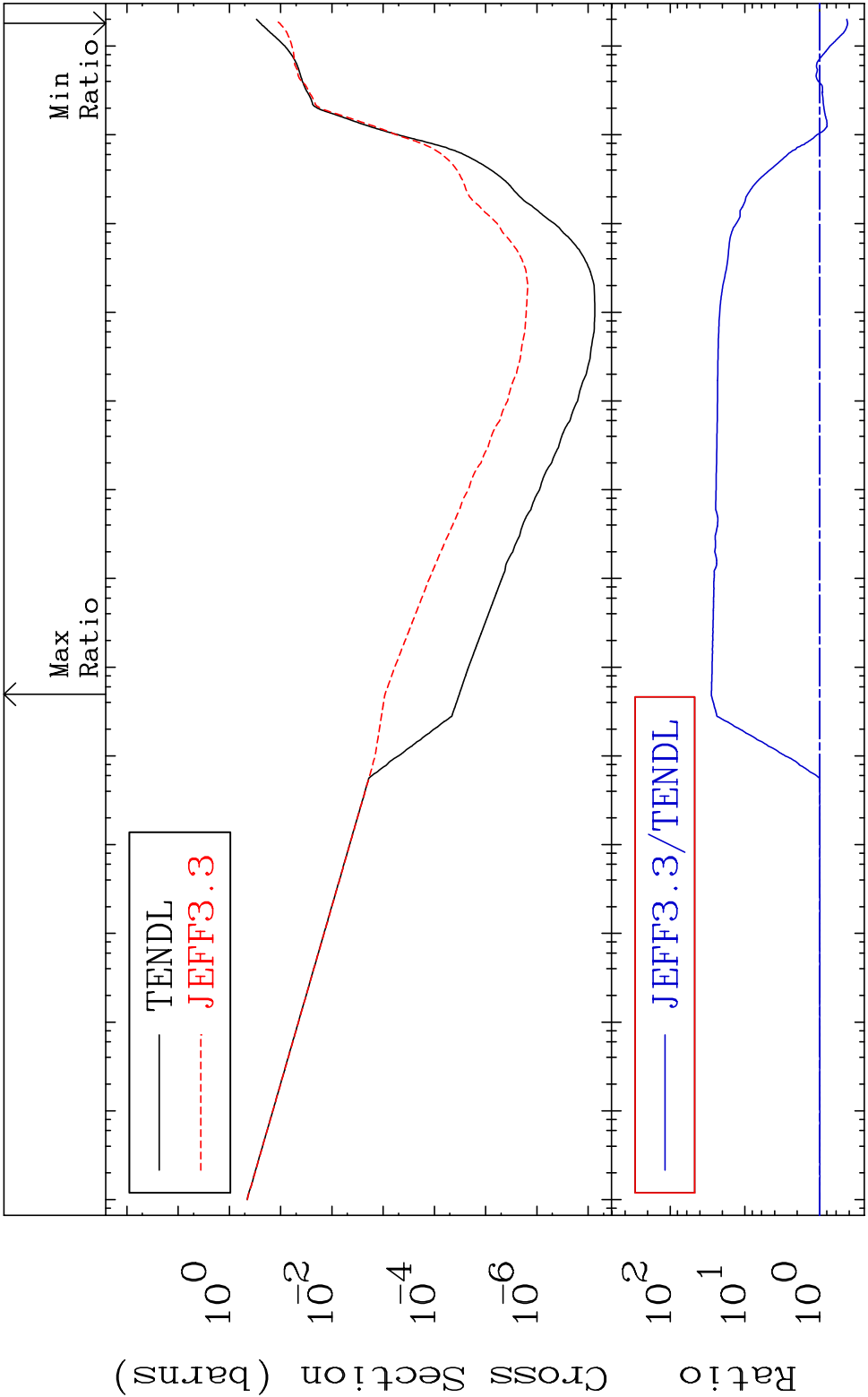
MAT 6625

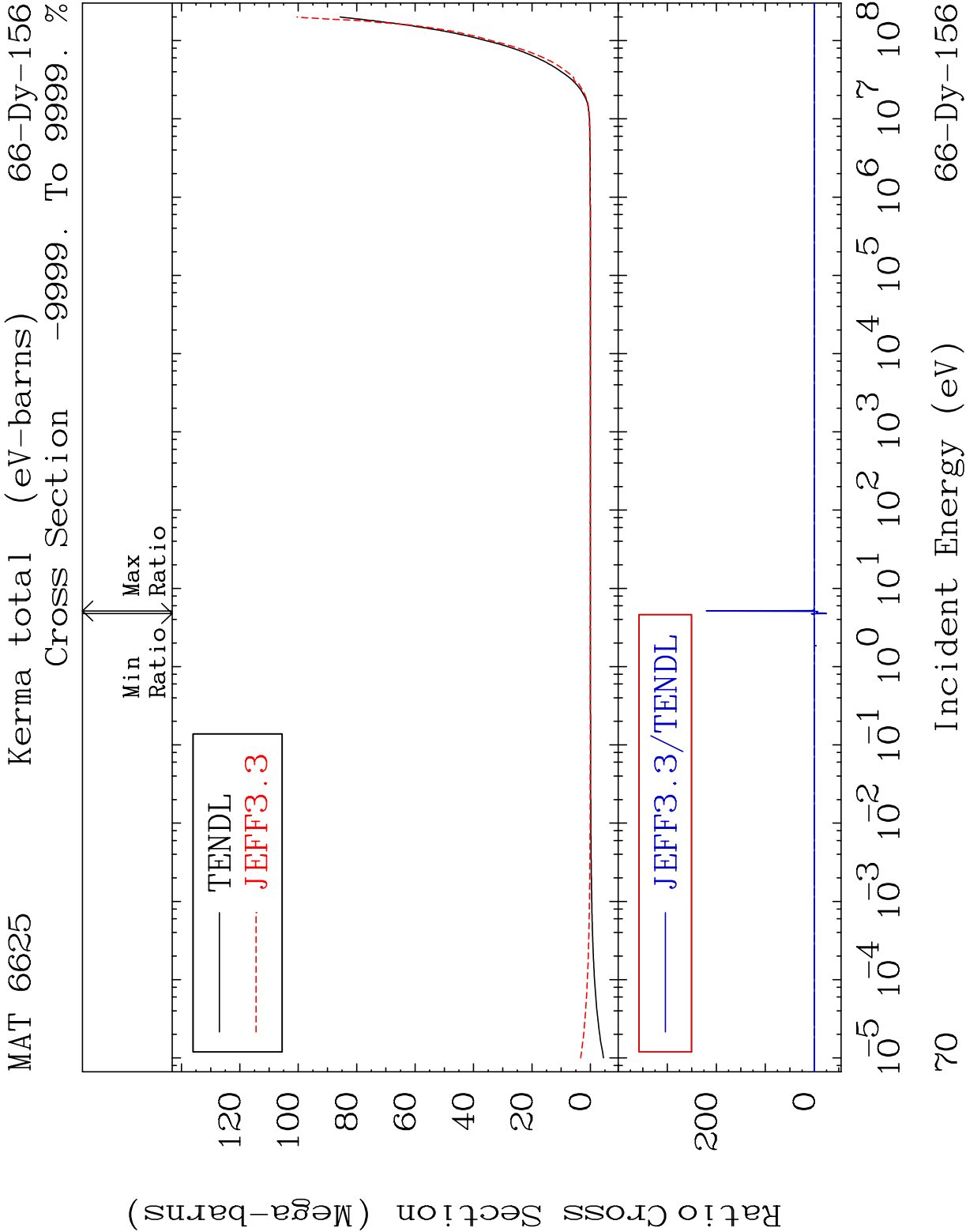
He-4 Production

66-Dy-156

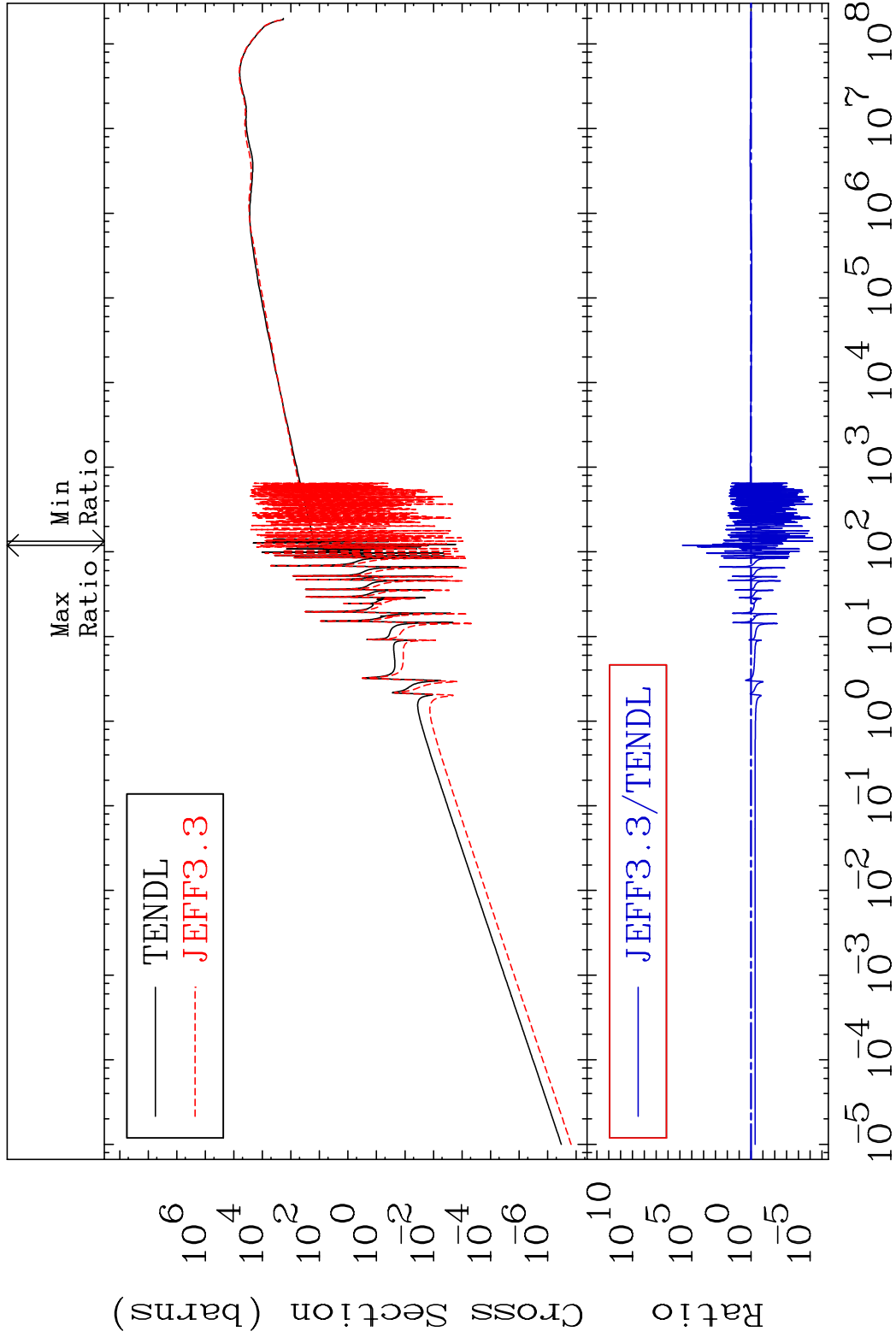
Cross Section

-57.98 To 2713. %

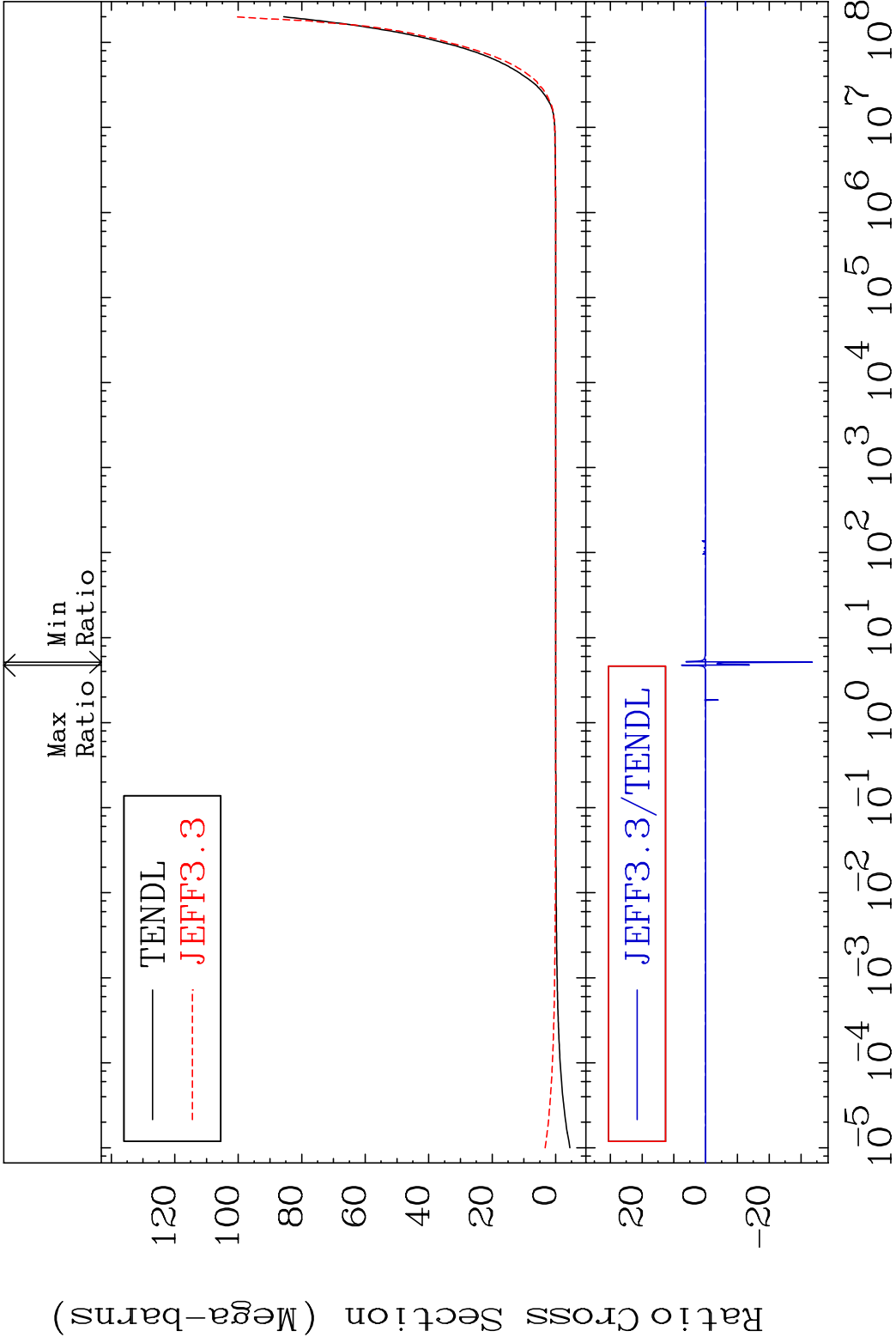


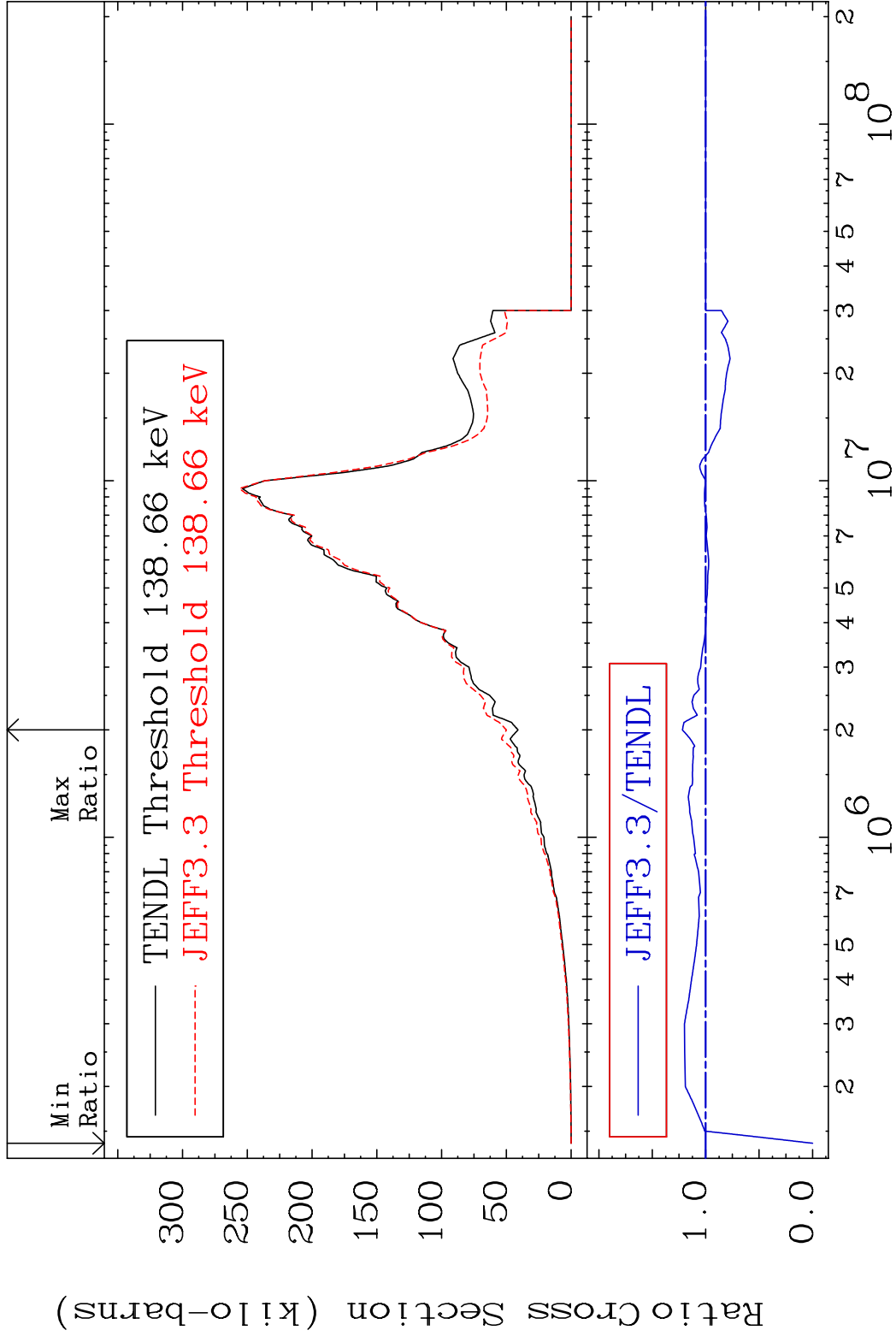


MAT 6625	Kerma elastic	66-Dy-156
	Cross Section	-100.0 To 9999. %

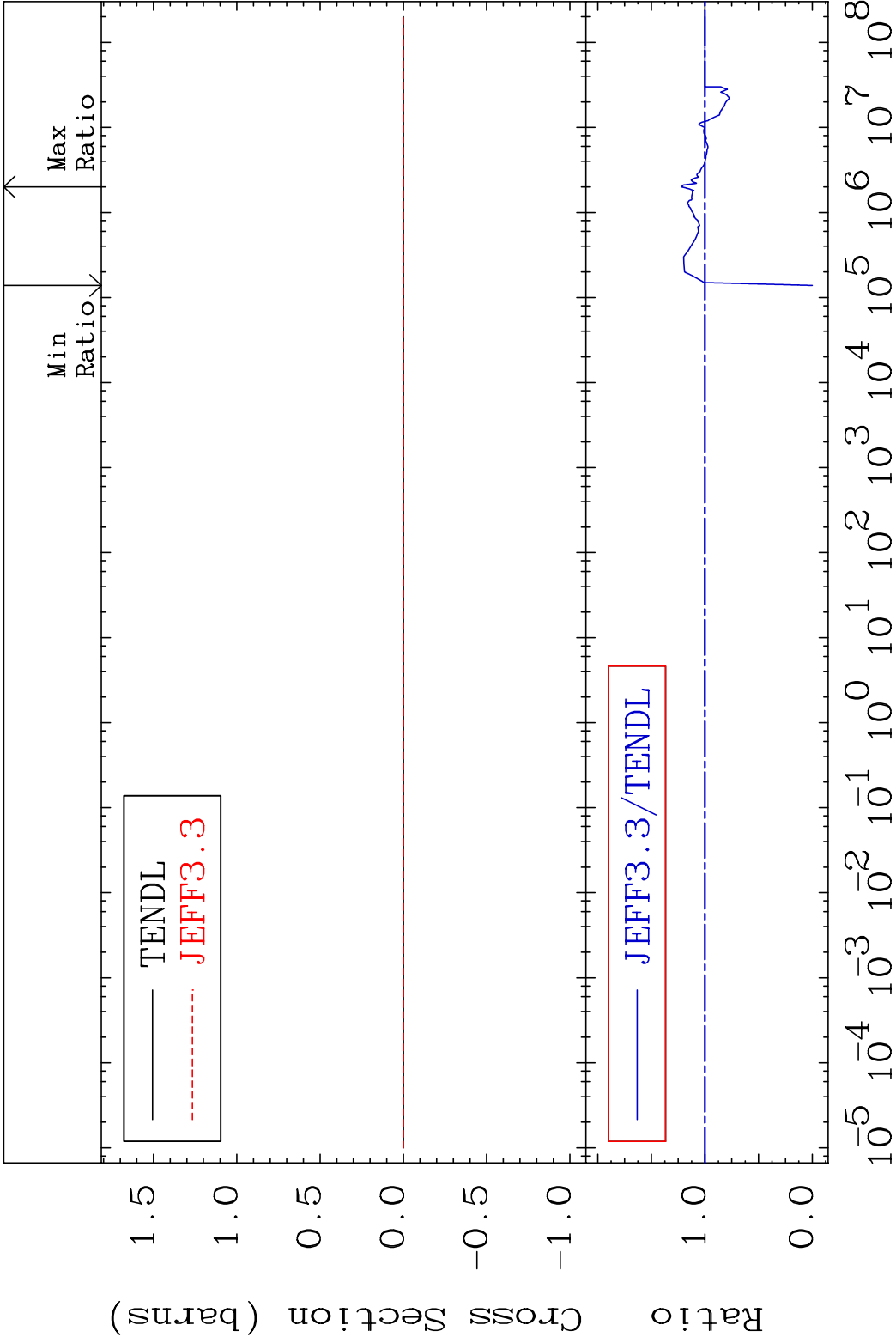


MAT 6625 Kerma non-elastic (all but mt2) 66-Dy-156
Cross Section -9999. To 9999. %

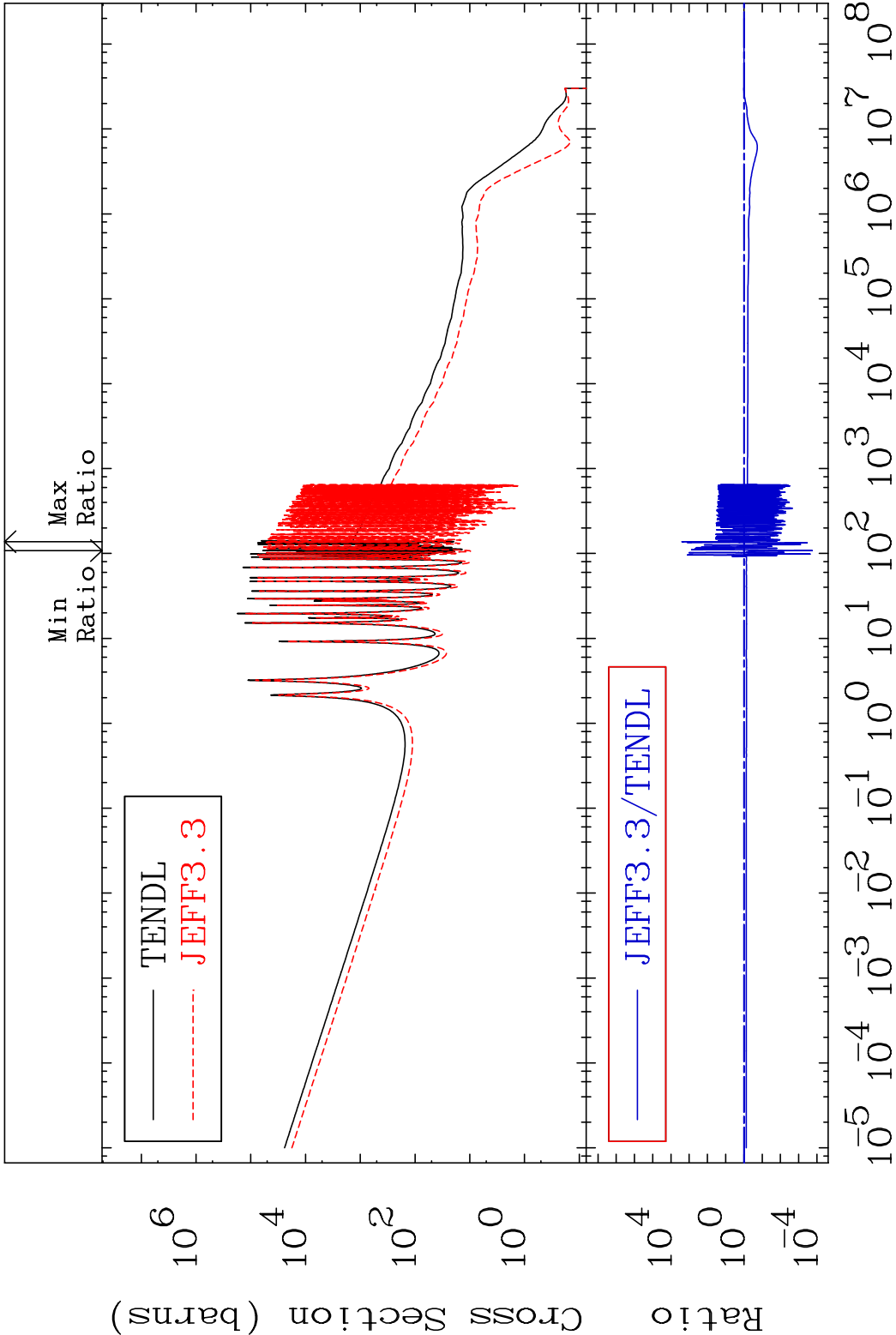




MAT 6625 Kerma fission (mt18 or mt19-20-21-38) 66-Dy-156
Cross Section -100.0 To 21.85 %



MAT 6625 Kerma capture (mt102) 66-Dy-156
Cross Section -99.98 To 9999. %



75 Incident Energy (eV) 66-Dy-156

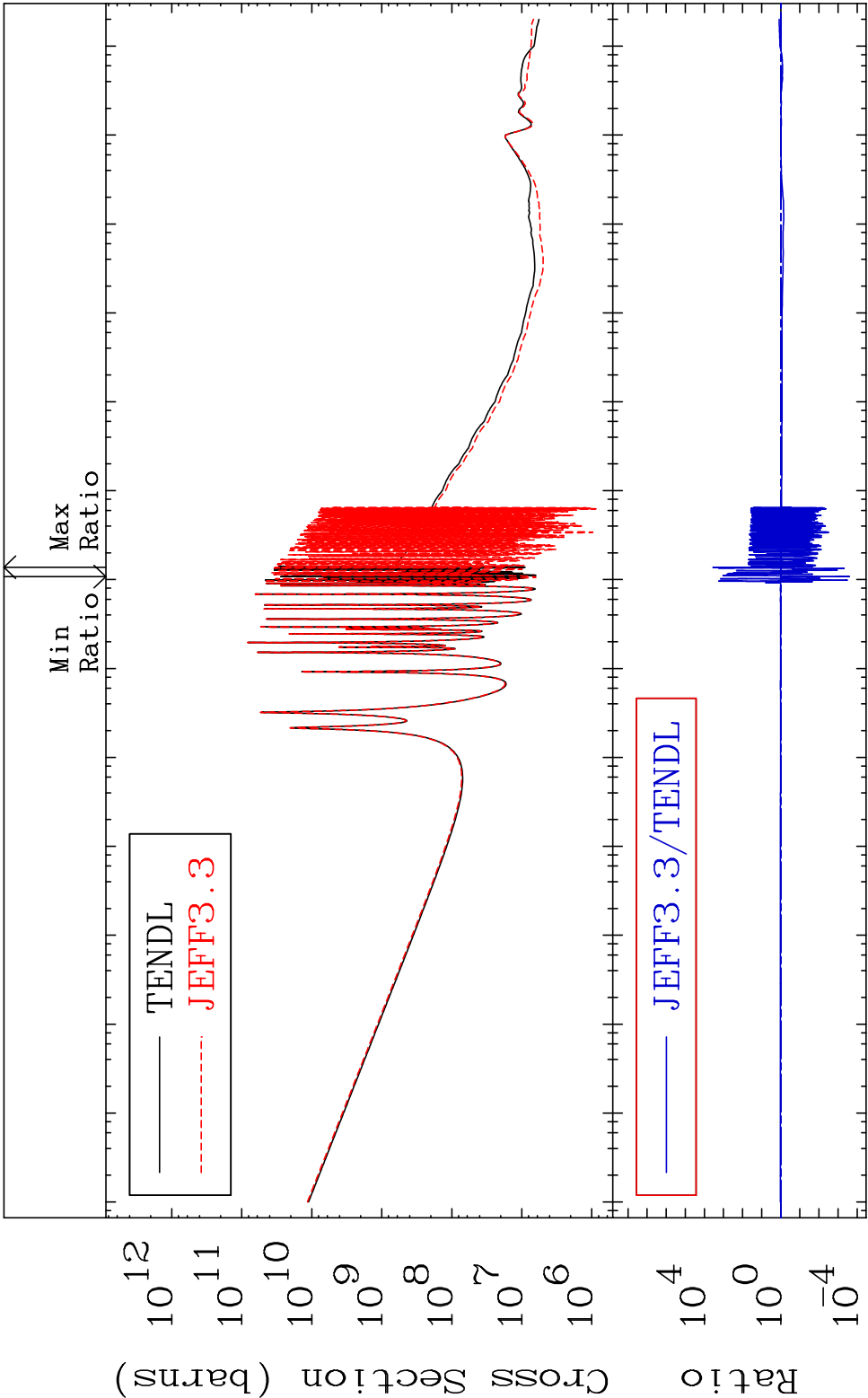
MAT 6625

Total photon (eV-barns)

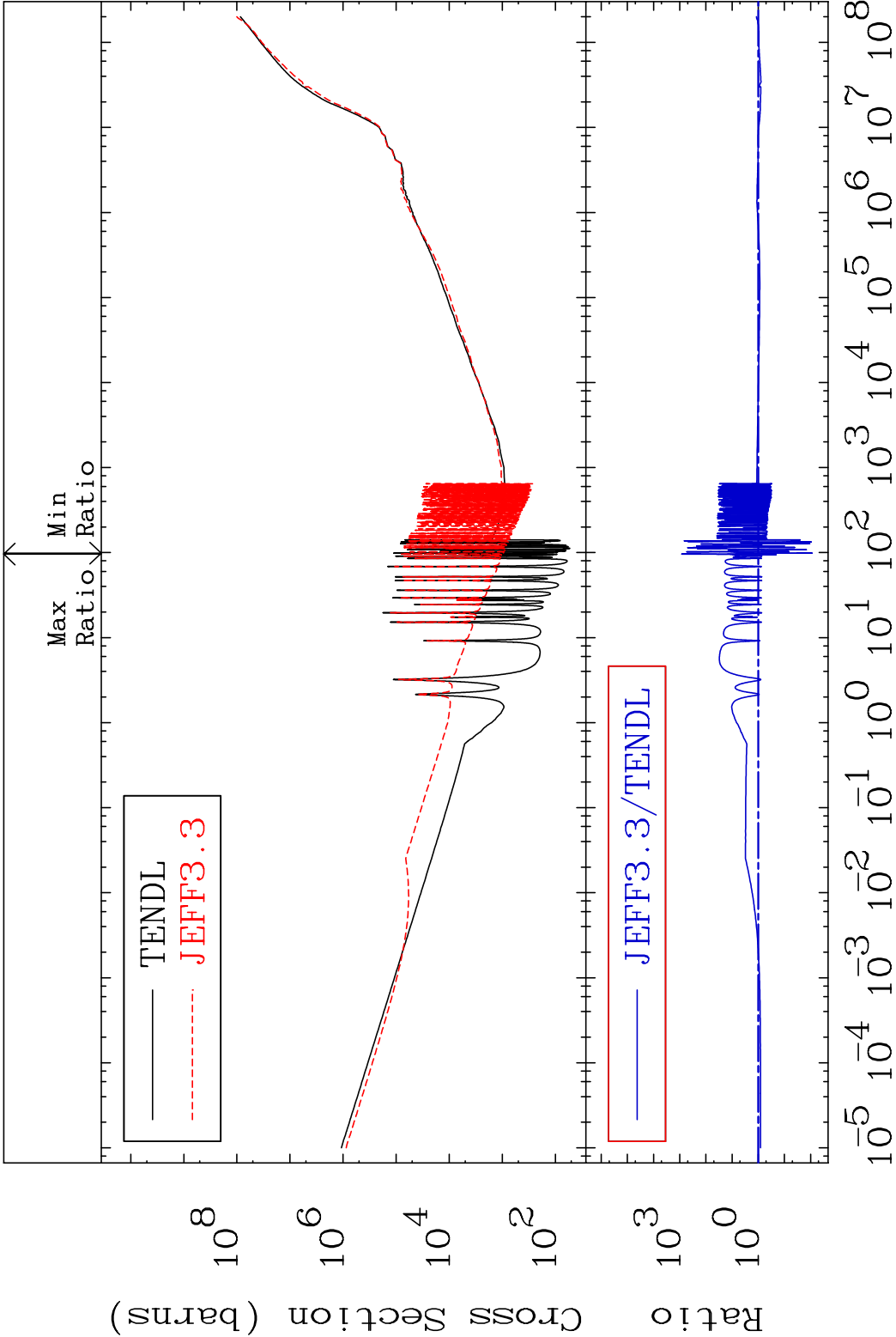
66-Dy-156

Cross Section

-99.97 To 9999. %

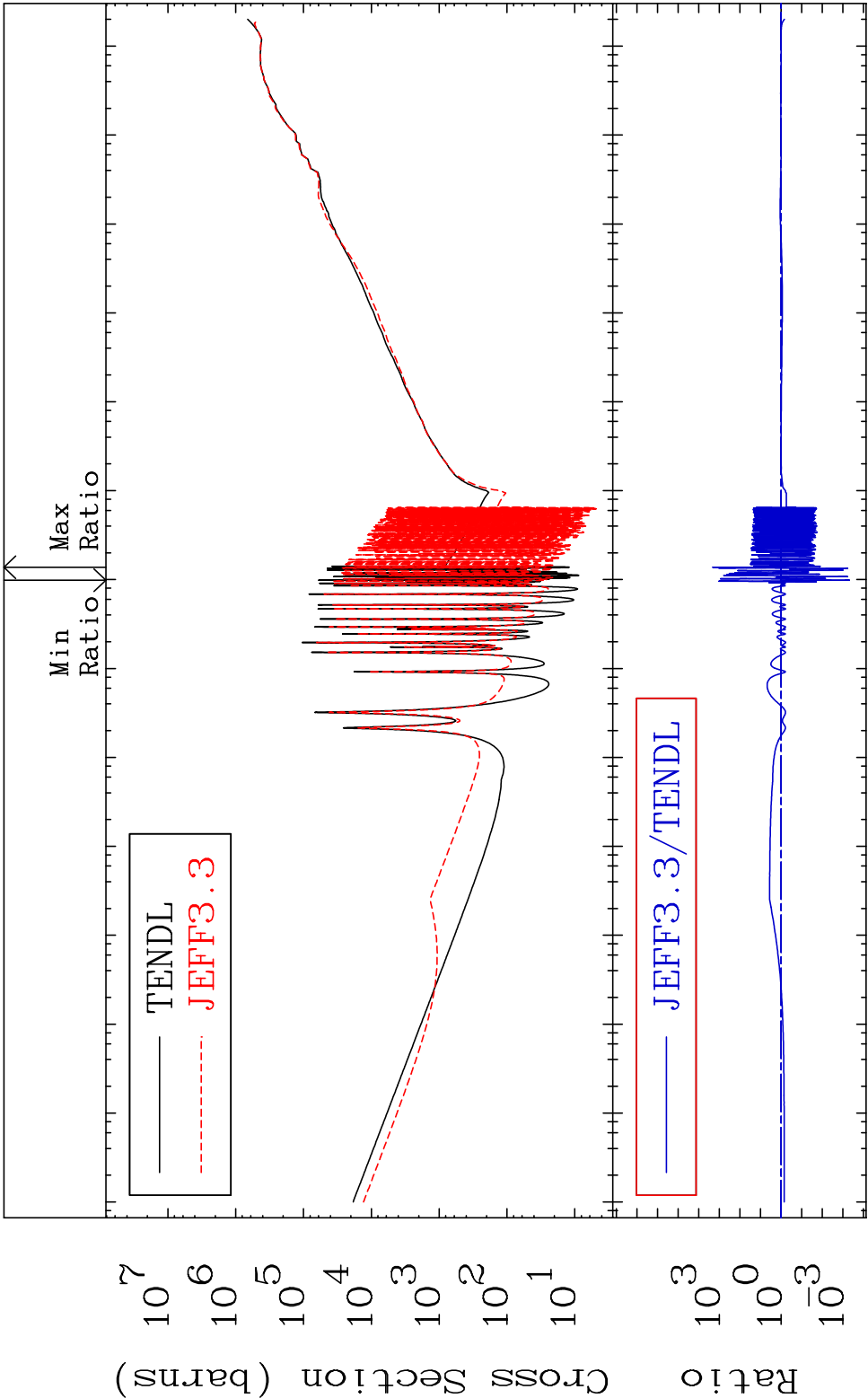


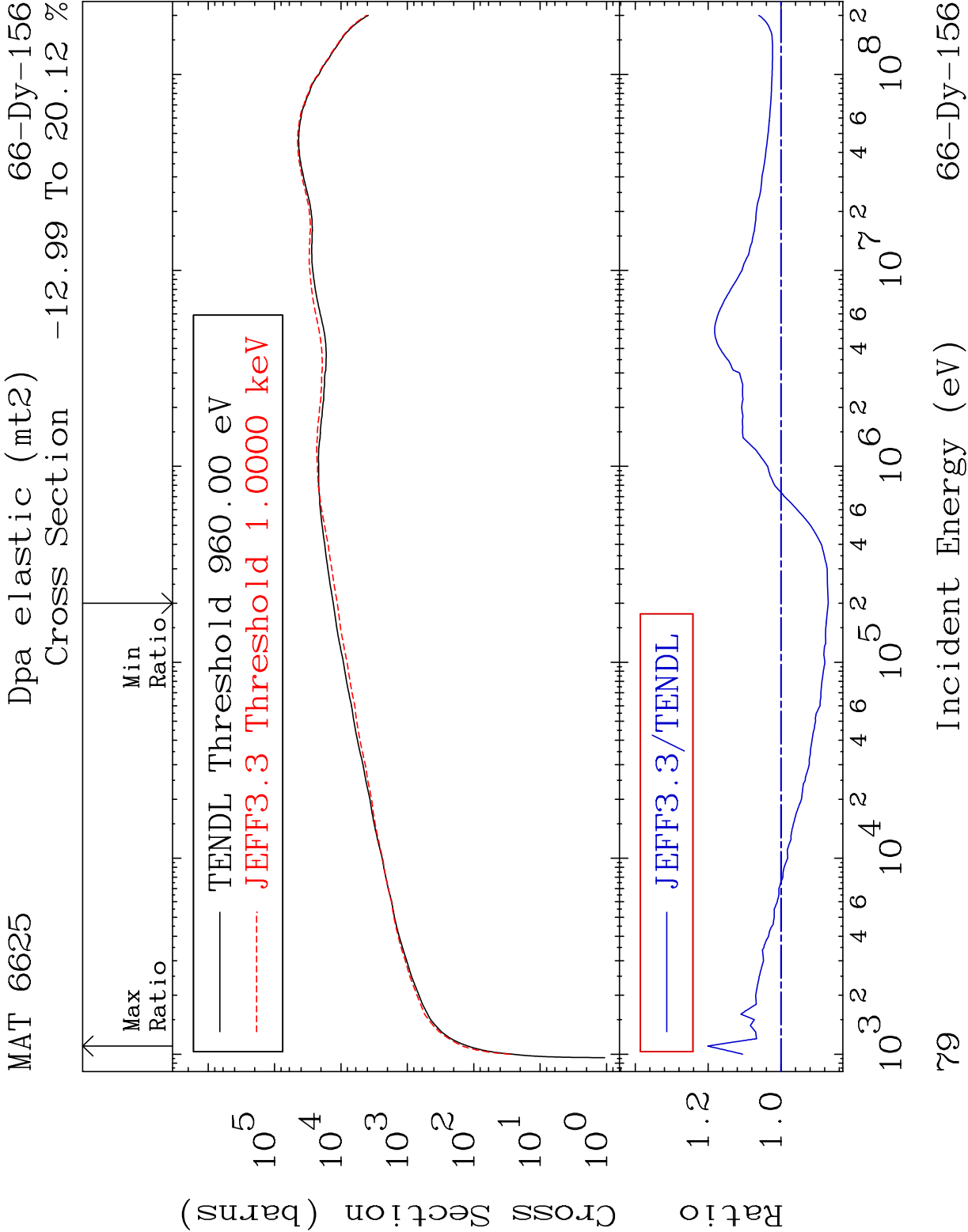
MAT 6625 Total kinematic kerma (high limit) 66-Dy-156
Cross Section -99.13 To 9999. %

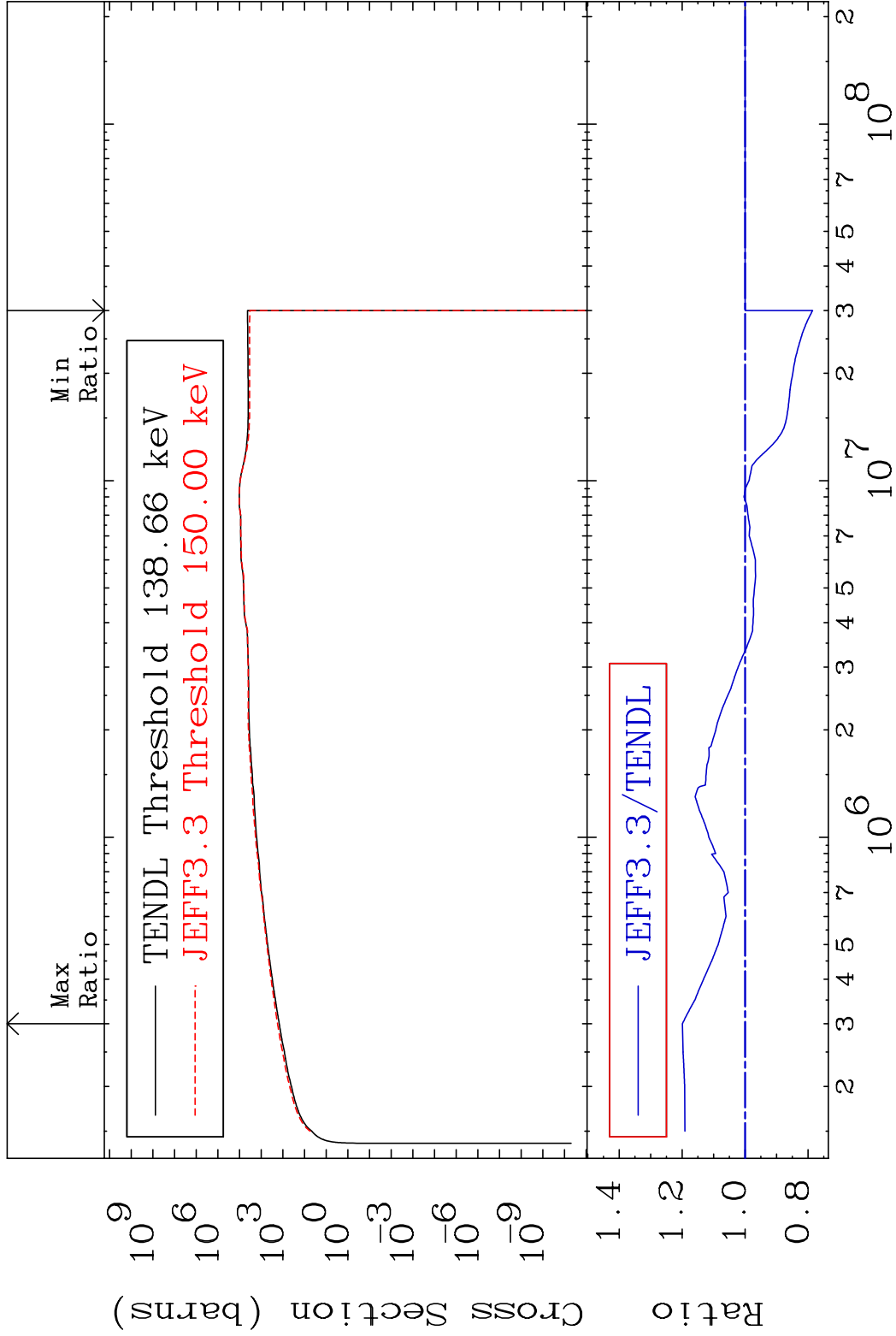


77 Incident Energy (eV) 66-Dy-156

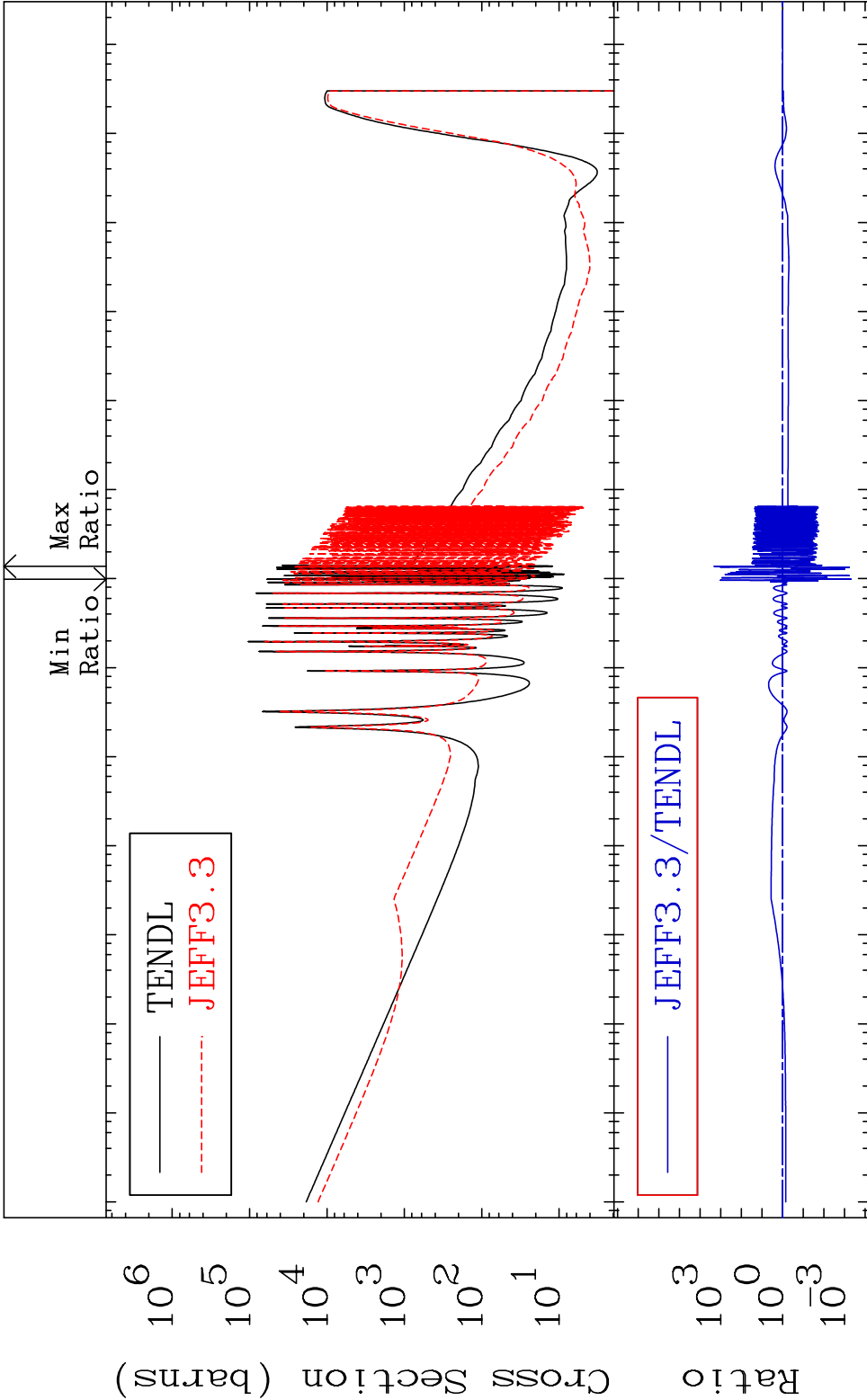
MAT 6625	Dpa total (eV-barns)	66-Dy-156
	Cross Section	-99.95 To 9999. %

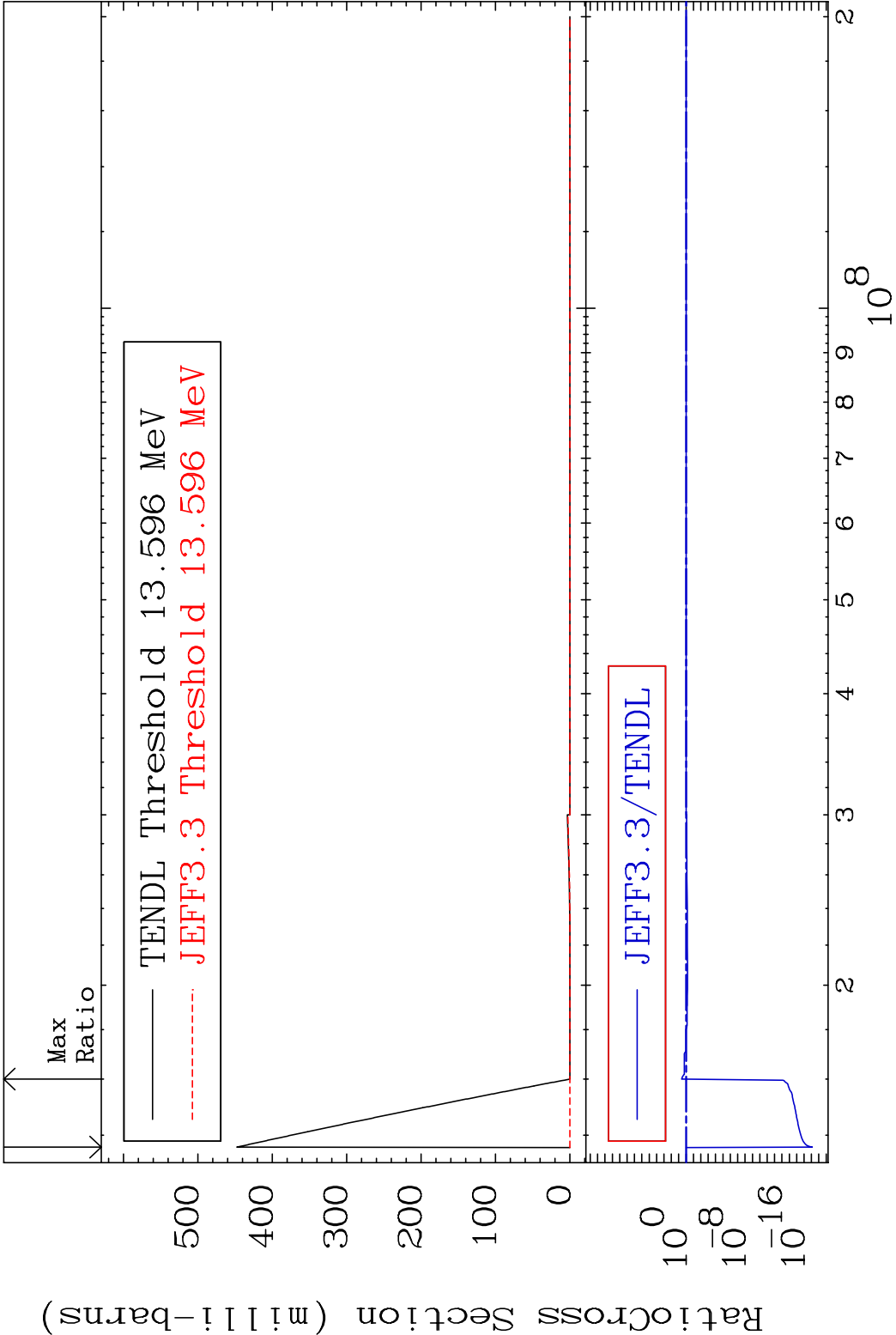






MAT 6625 Dpa disappearance (mt102 -120) 66-Dy-156
Cross Section -99.95 To 9999. %





Radionuclide Production Cross-Section, %

