

Program Complot
(Version 2021-1)

by

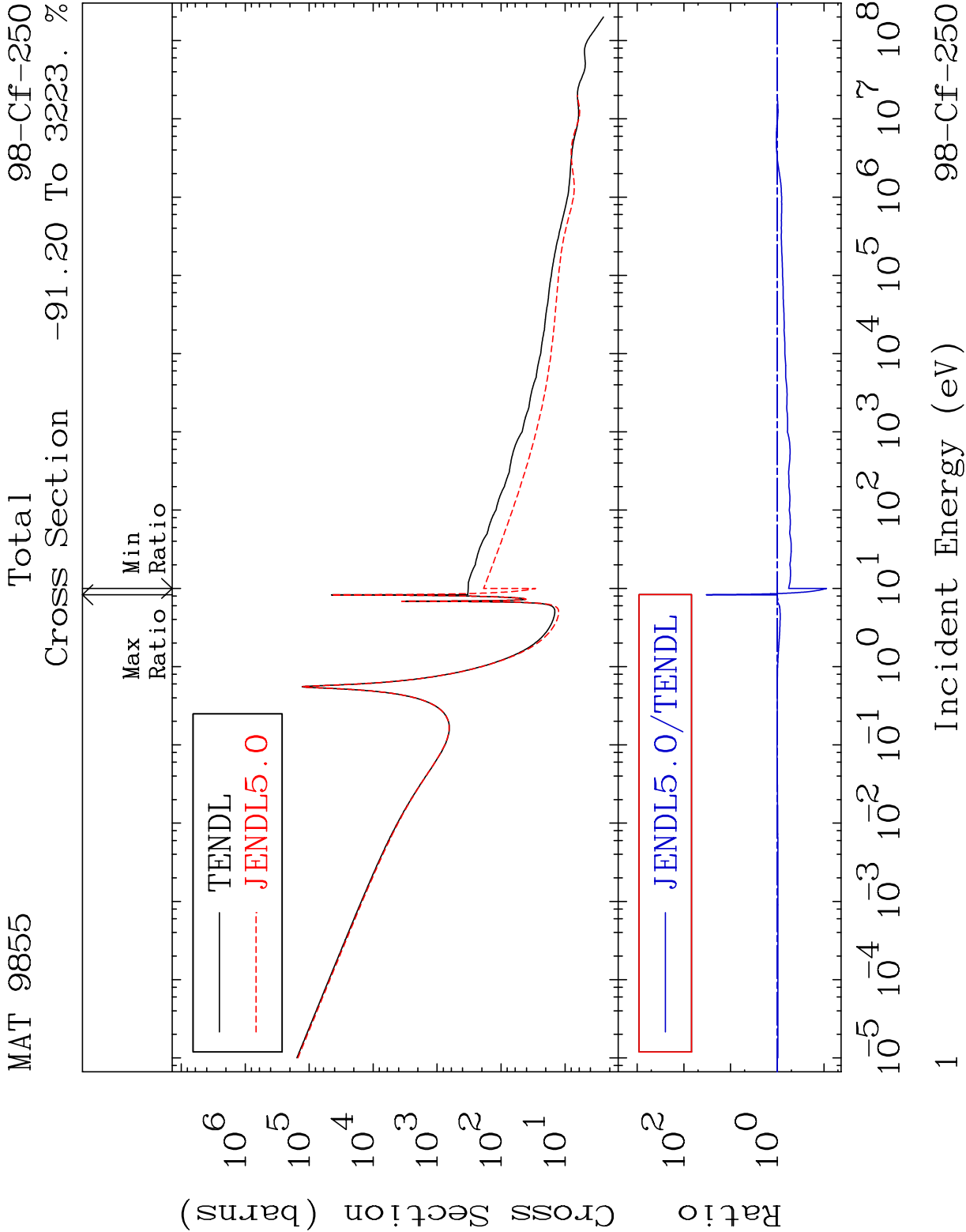
Dermott E. Cullen
(Present Contact Information)

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Press Mouse Button to Start

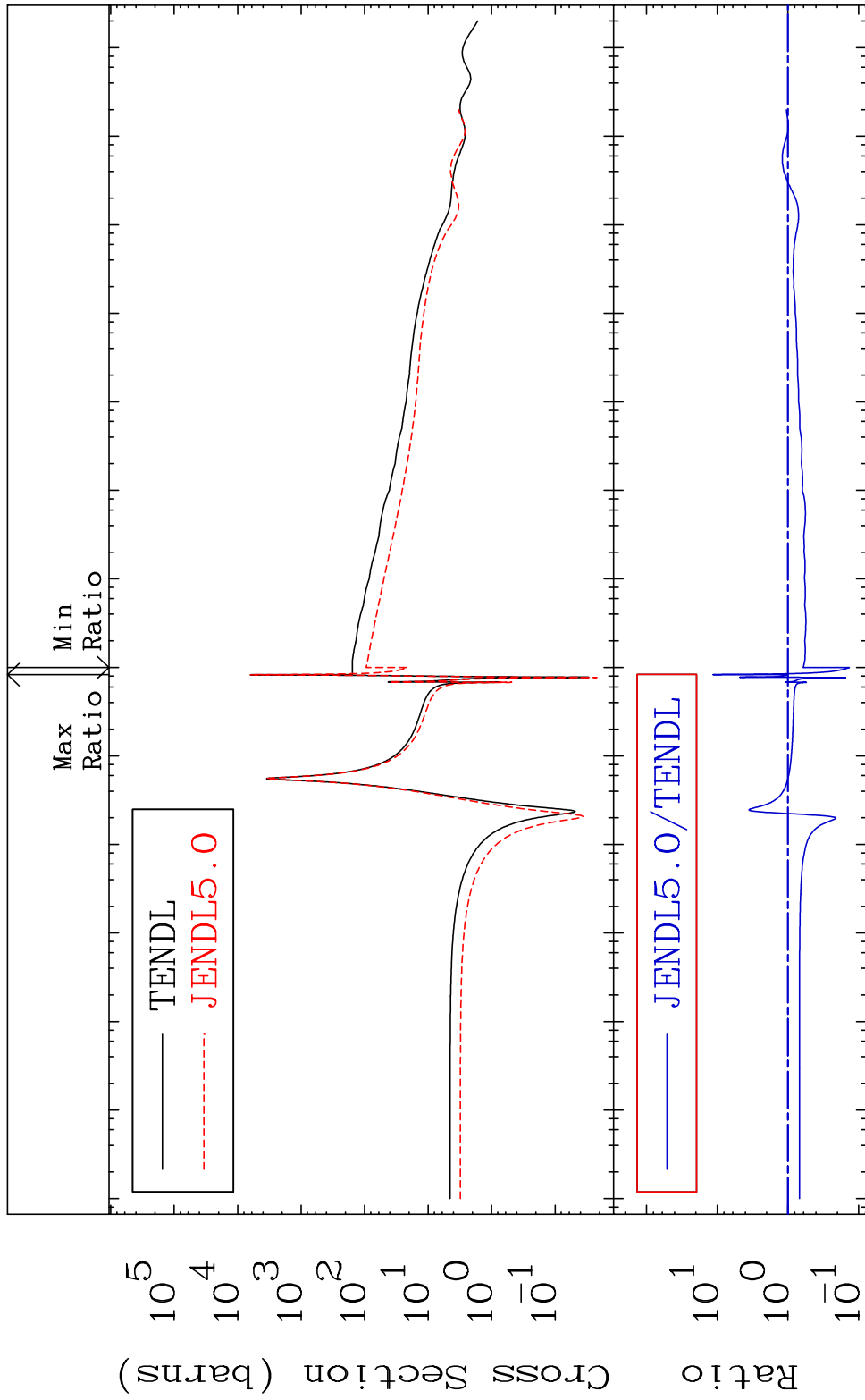


MAT 9855

Elastic

98-Cf-250

Cross Section -86.43 To 1038. %

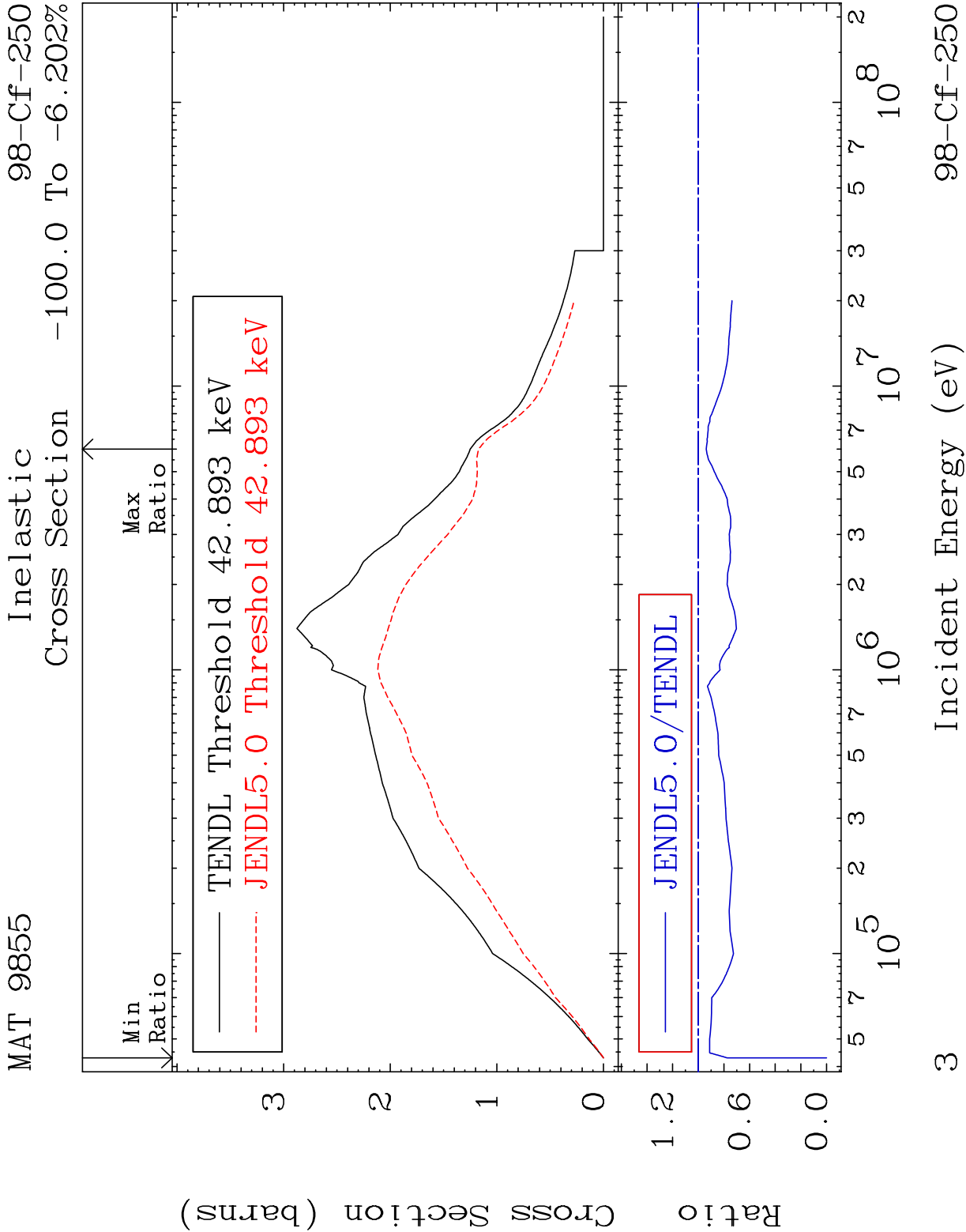


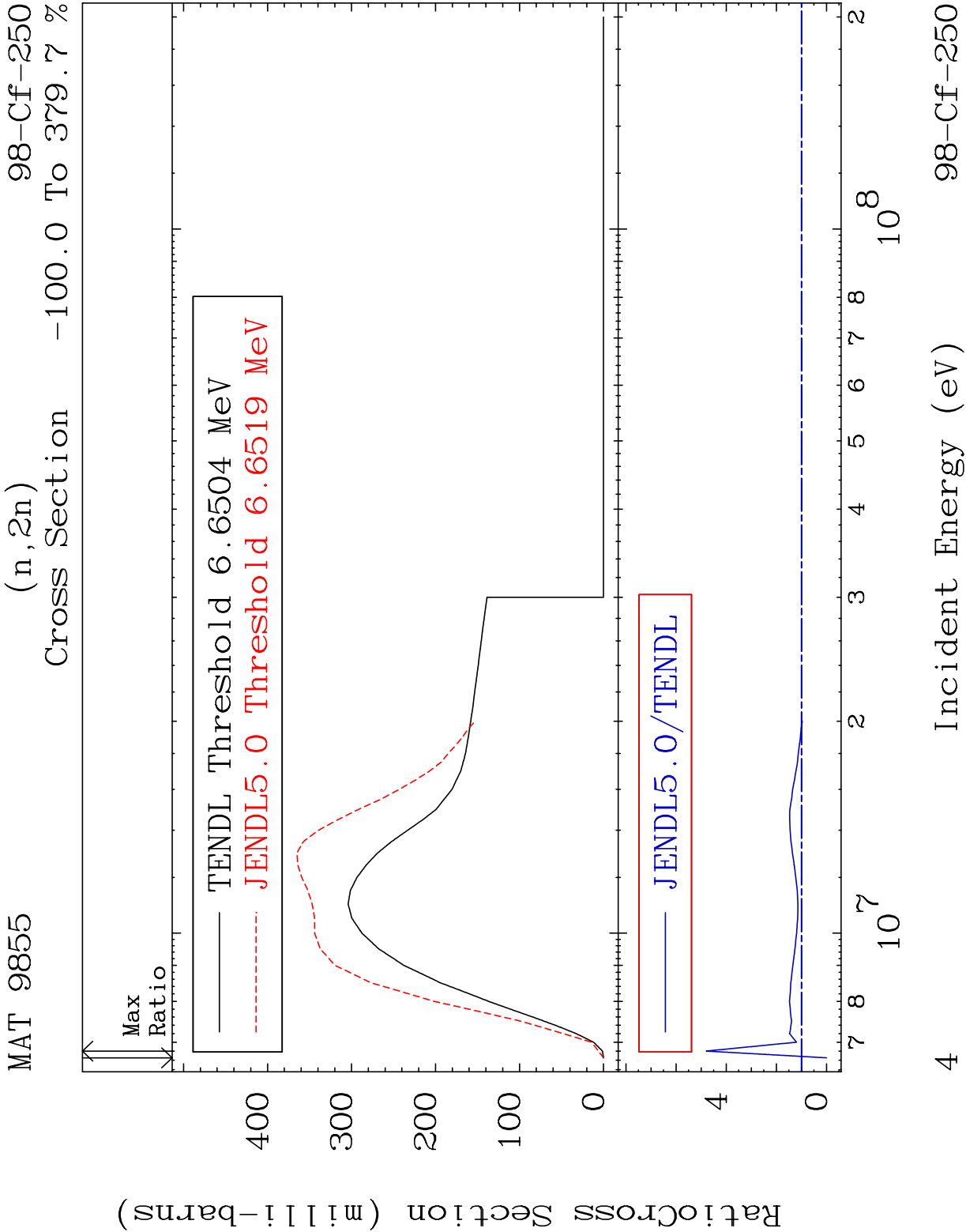
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2

Incident Energy (eV)

98-Cf-250



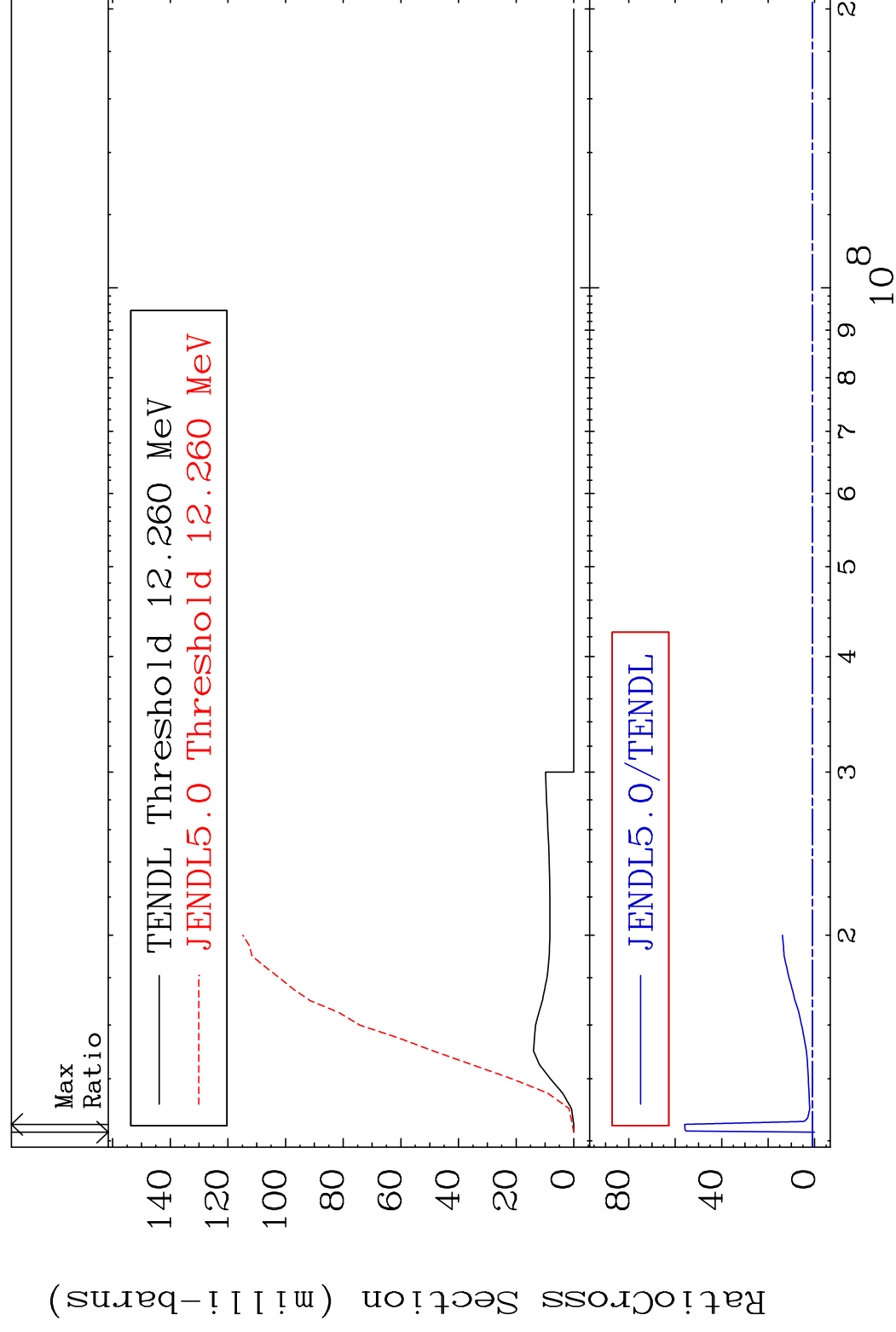


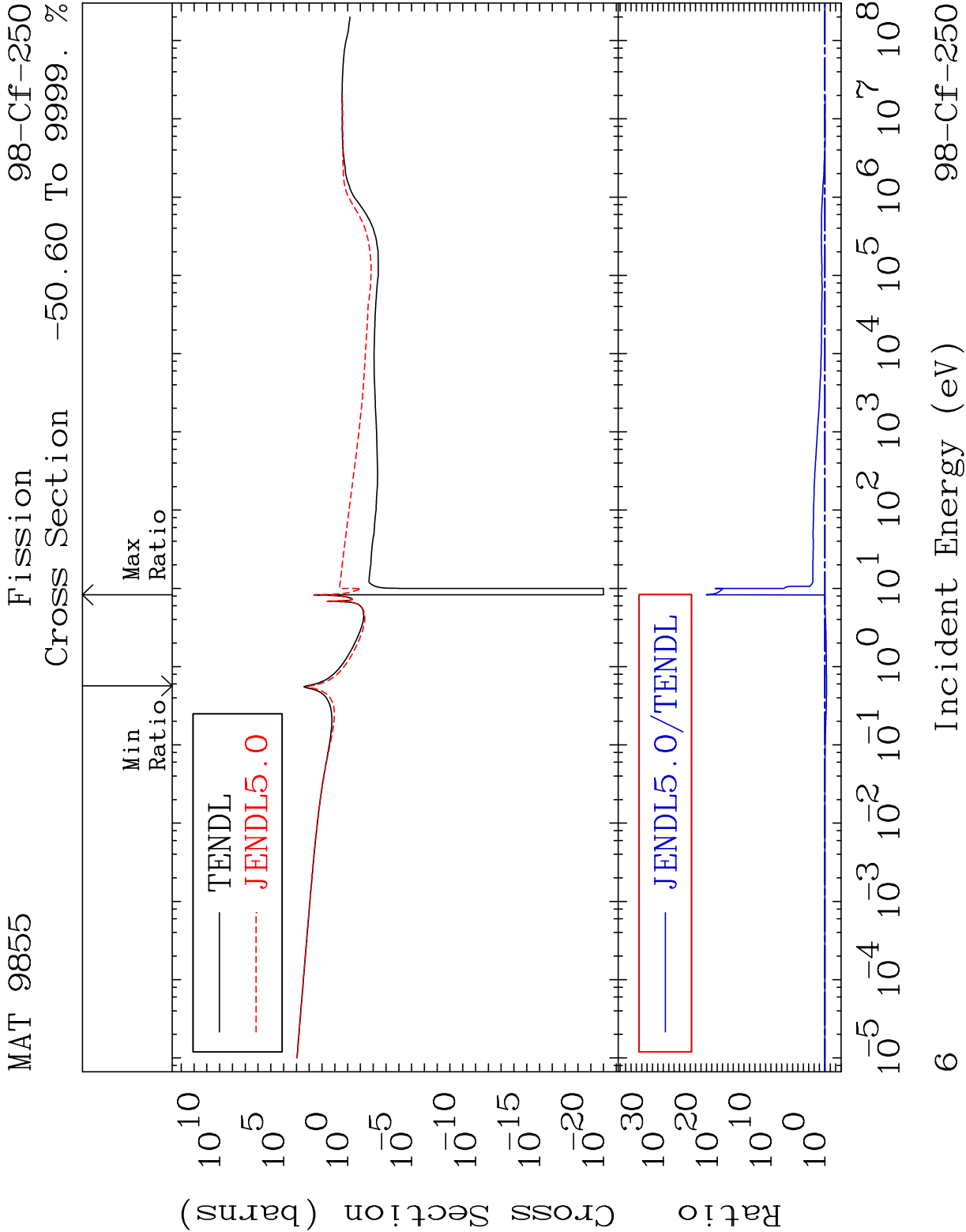
MAT 9855

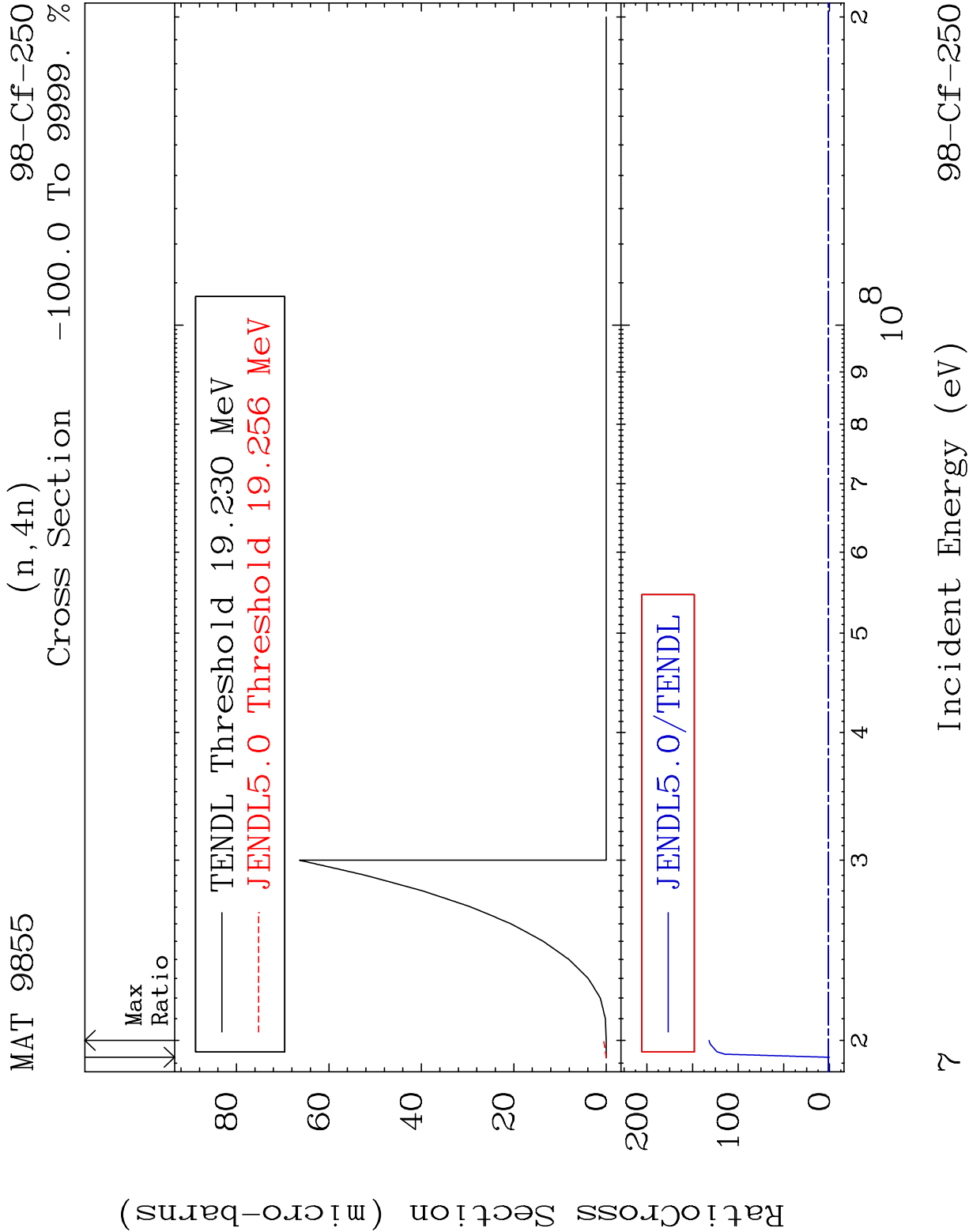
$$(n, 3n)$$

98-CF-250

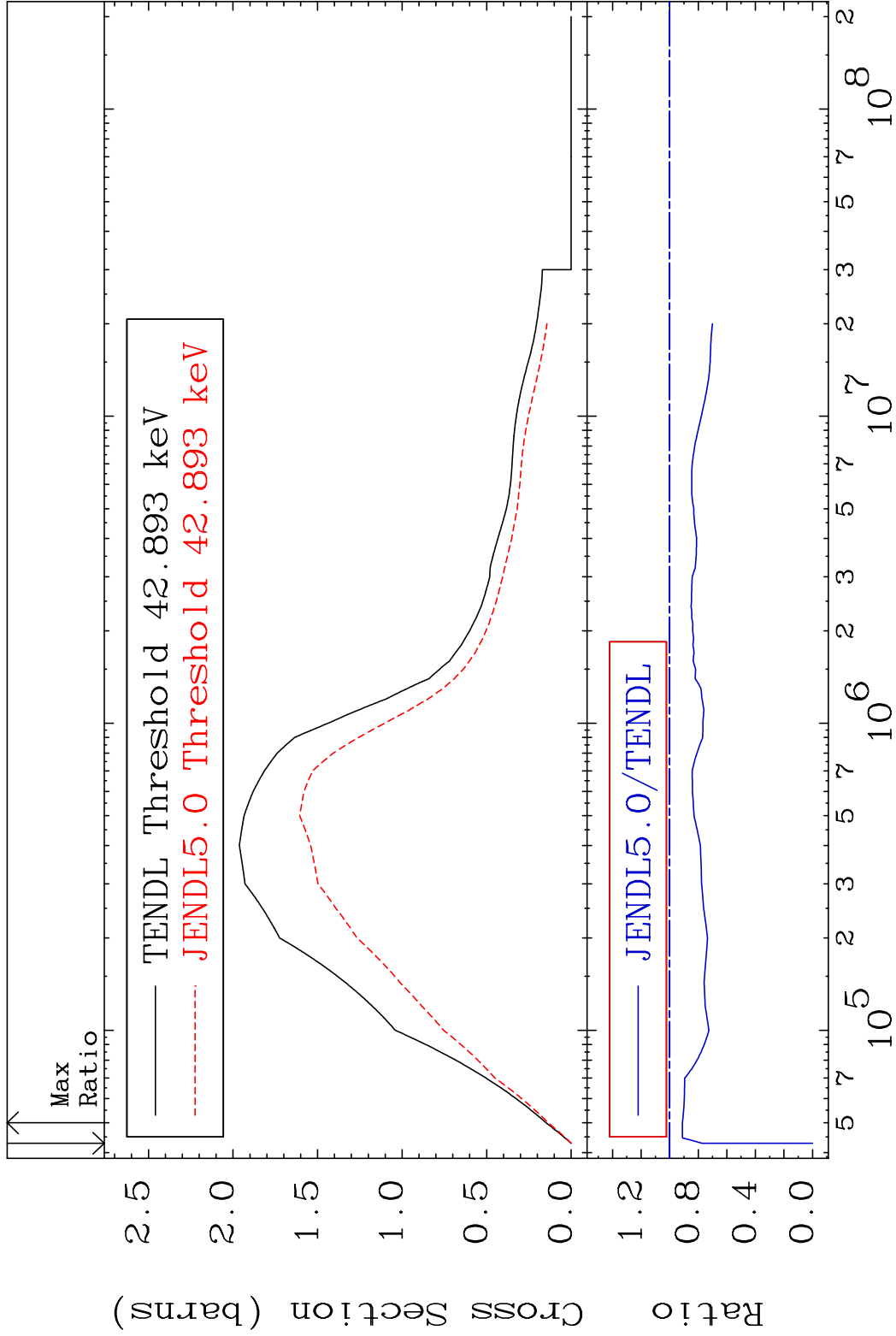
Cross Section -100.0 To 5494. %



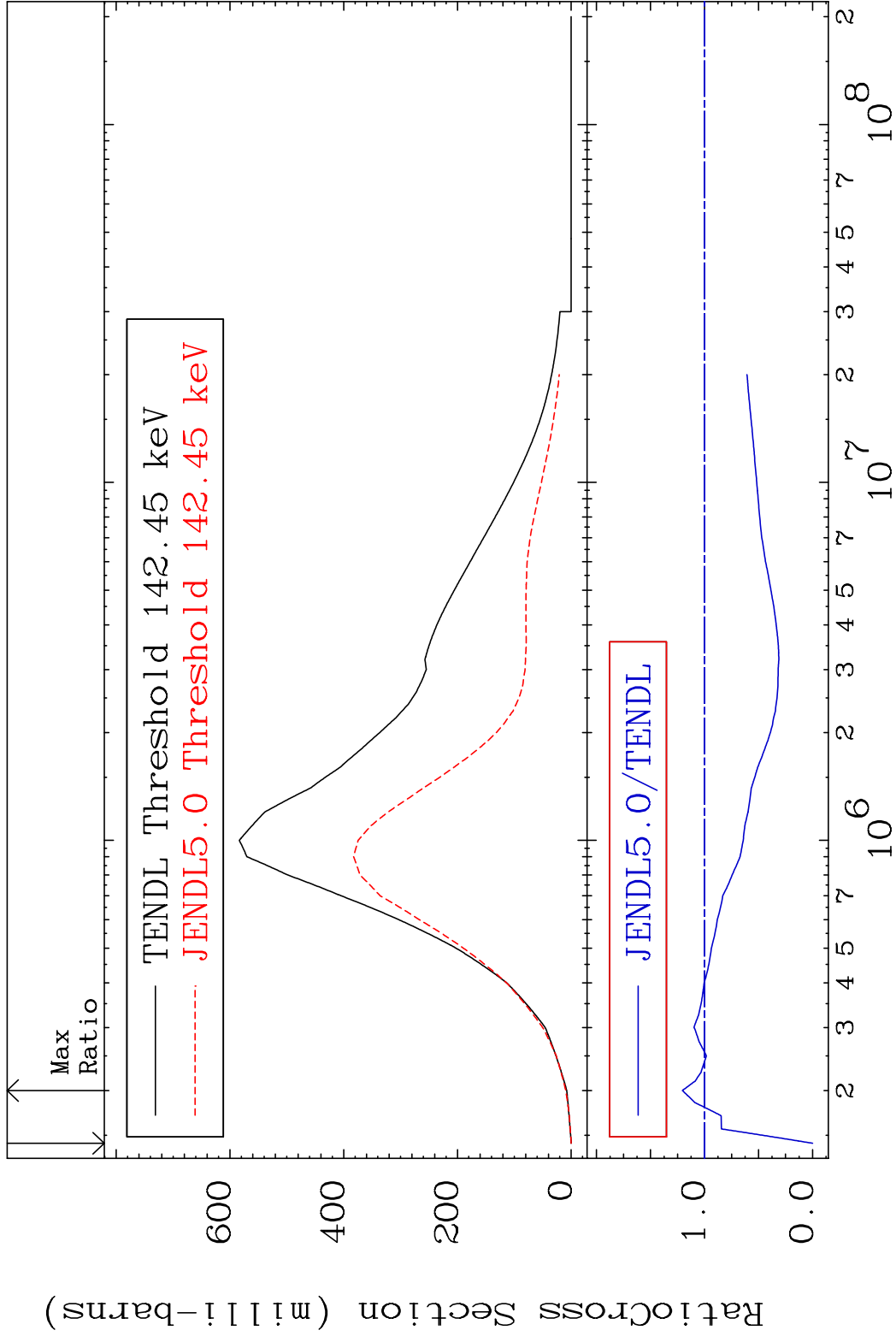


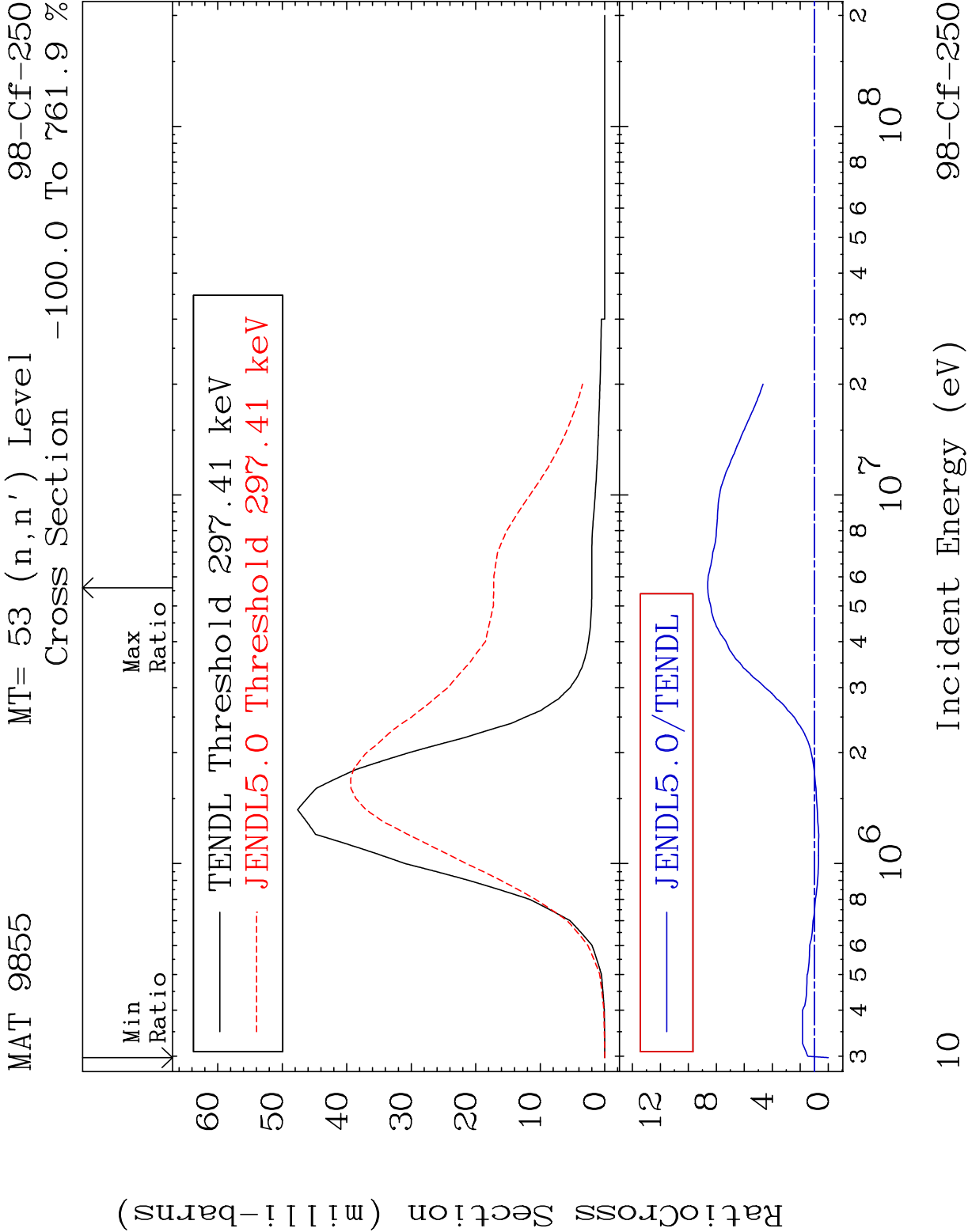


MAT 9855 MT= 51 (n,n') Level 98-Cf-250
Cross Section -100.0 To -8.880%

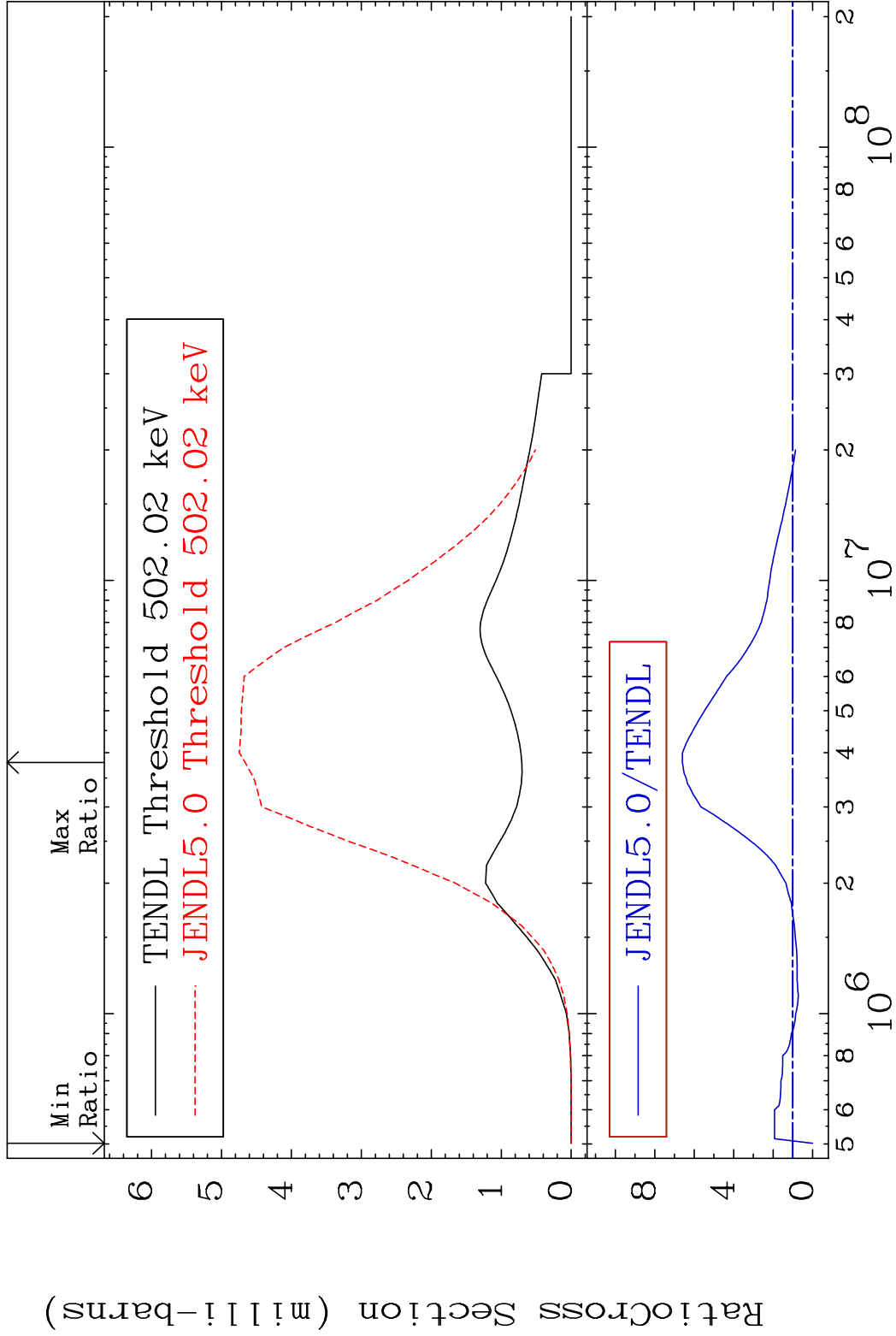


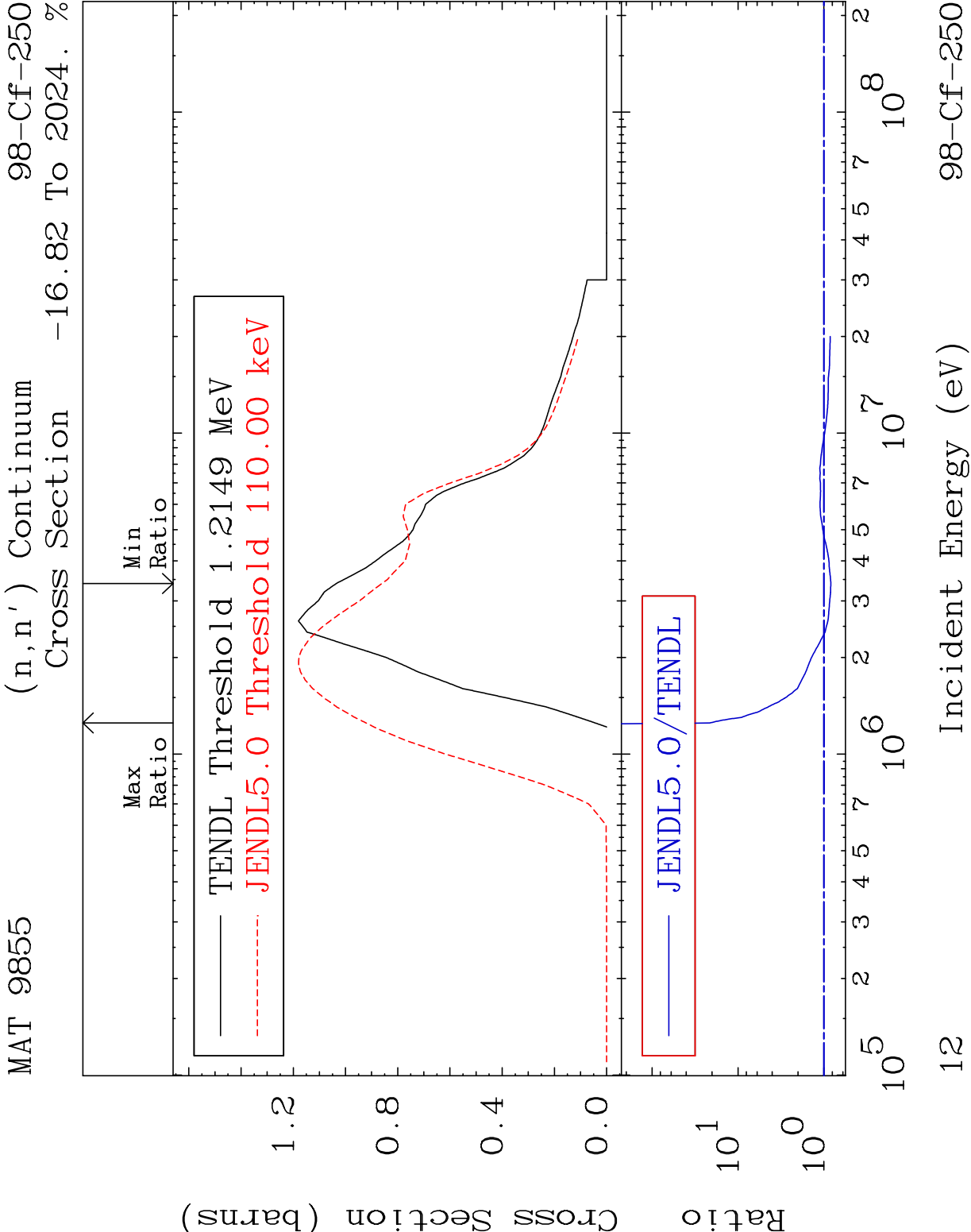
MAT 9855 MT= 52 (n,n') Level 98-Cf-250
Cross Section -100.0 To 20.54 %





MAT 9855 MT= 54 (n,n') Level 98-Cf-250
Cross Section -100.0 To 559.9 %



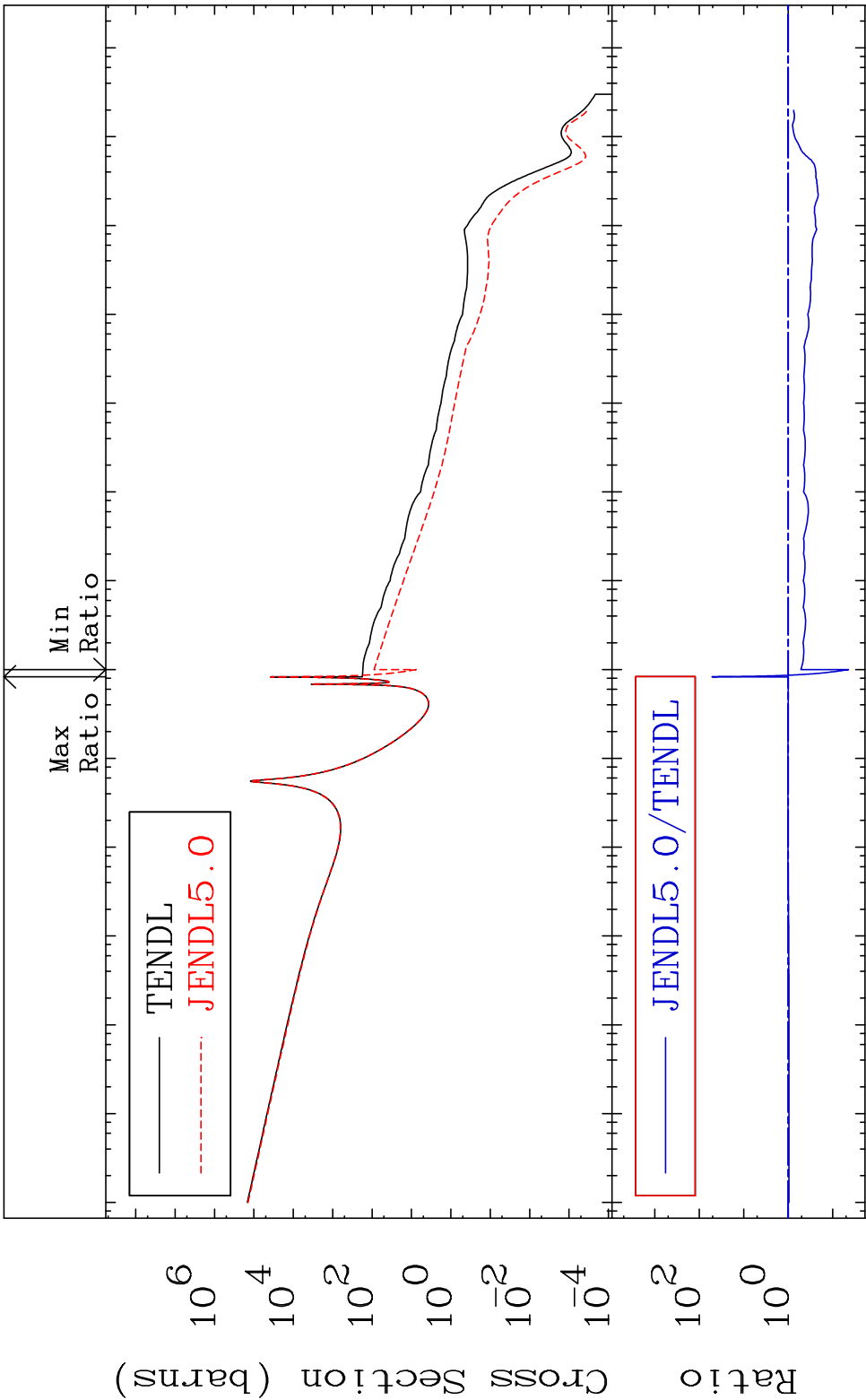


MAT 9855

(n, γ)

98-Cf-250

Cross Section -95.58 To 5102. %



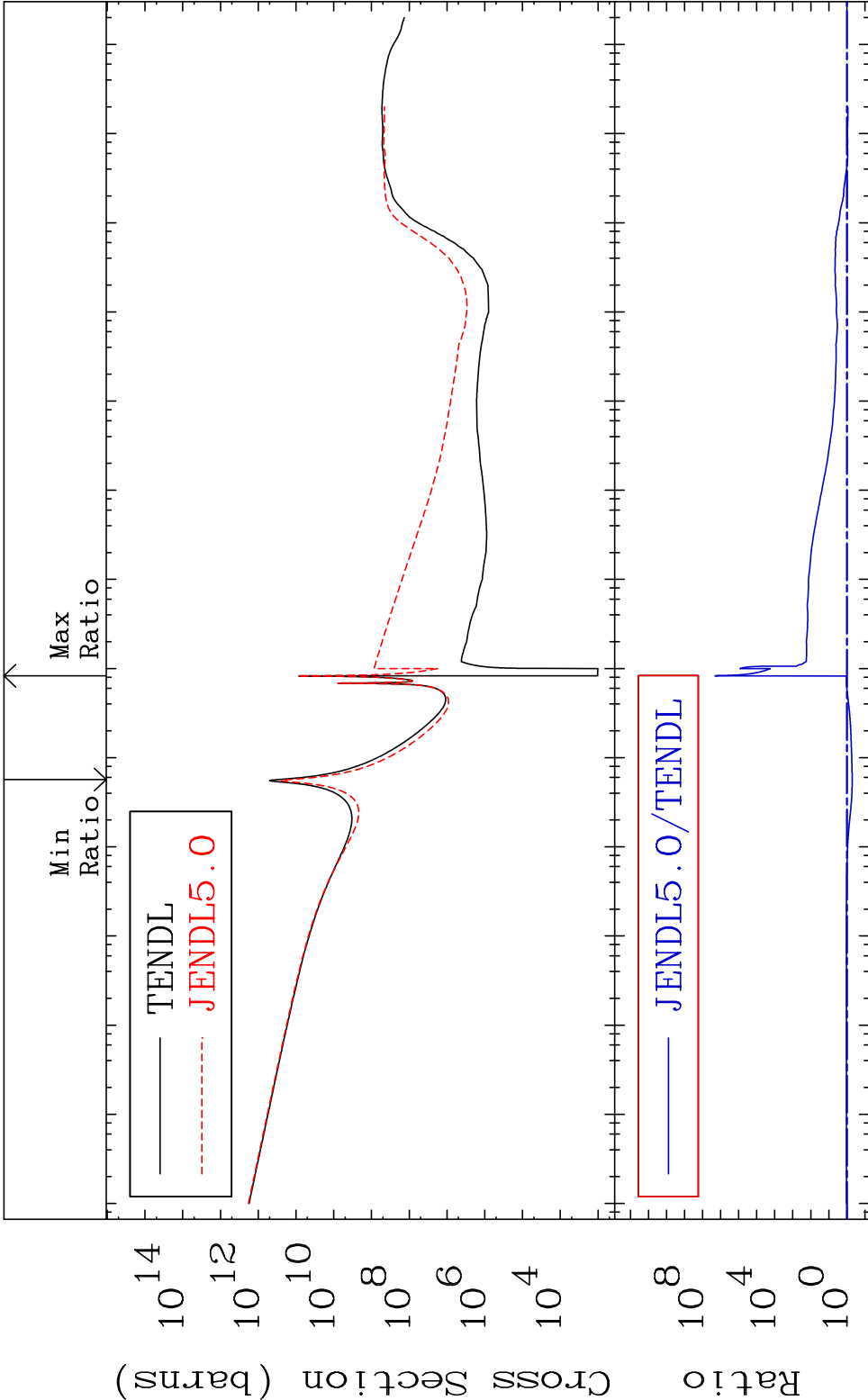
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

13

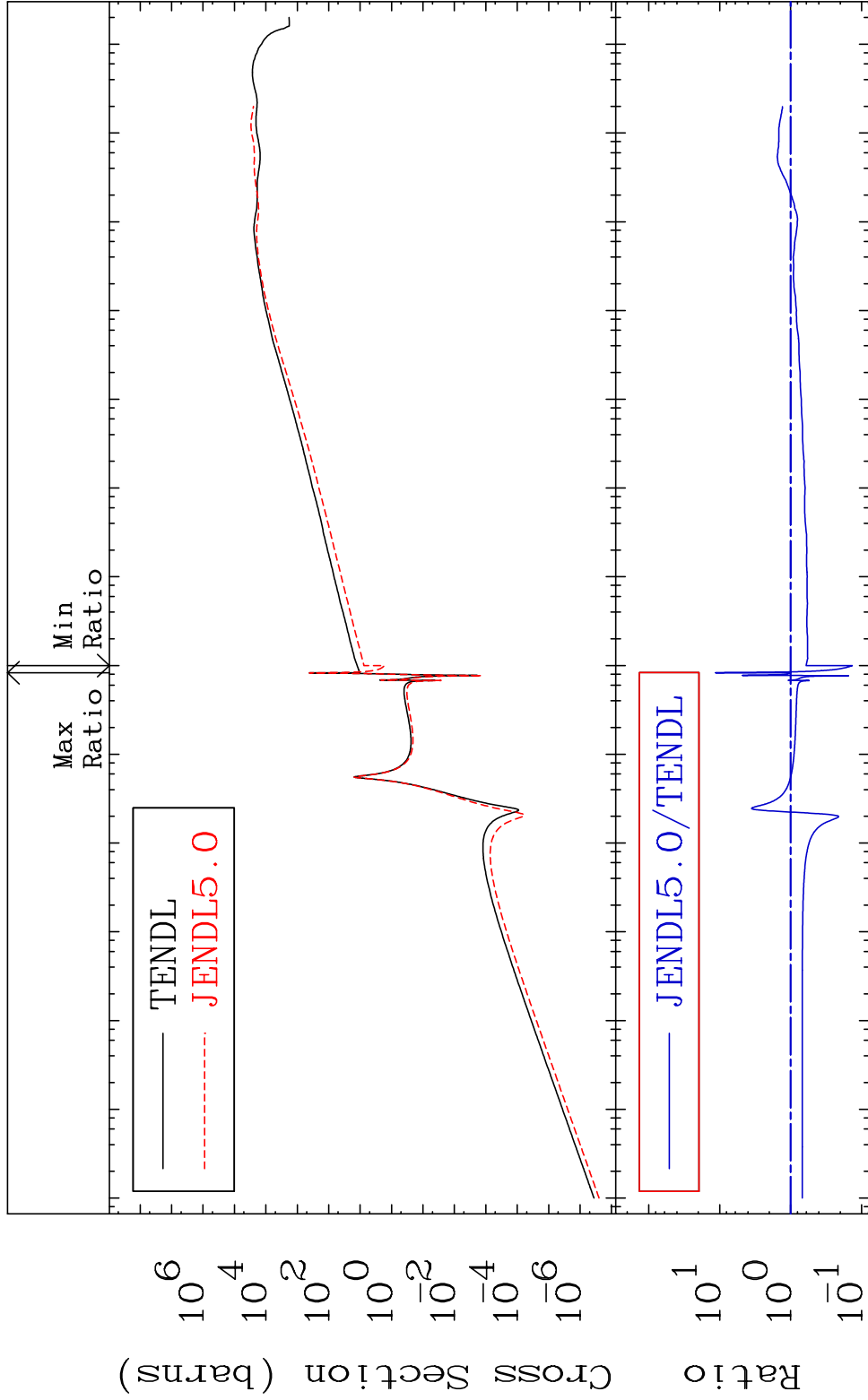
Incident Energy (eV)

98-Cf-250

MAT 9855 Kerma total (eV-barns) 98-Cf-250
Cross Section -49.46 To 9999. %

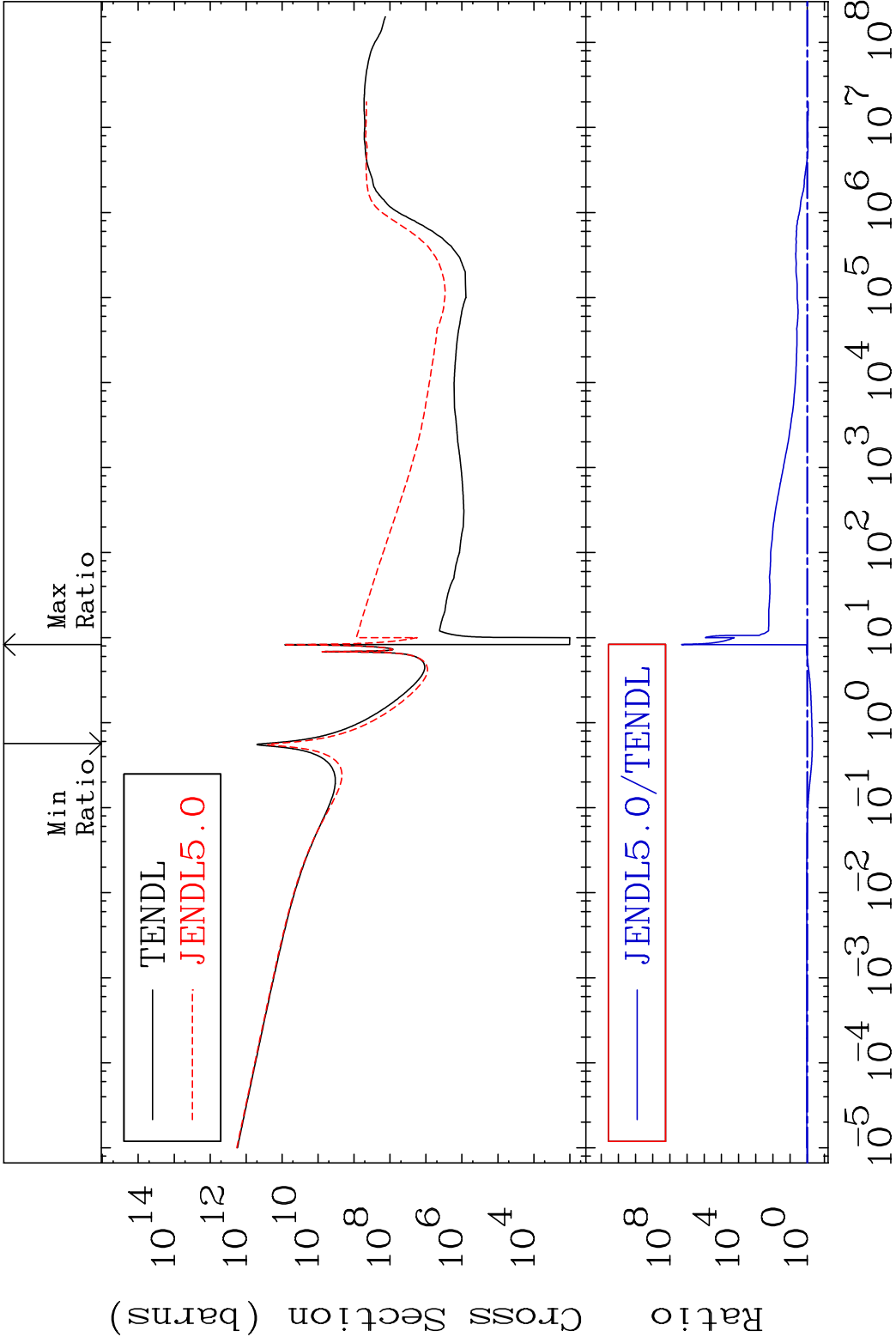


MAT 9855 Kerma elastic 98-Cf-250
Cross Section -86.43 To 1038. %



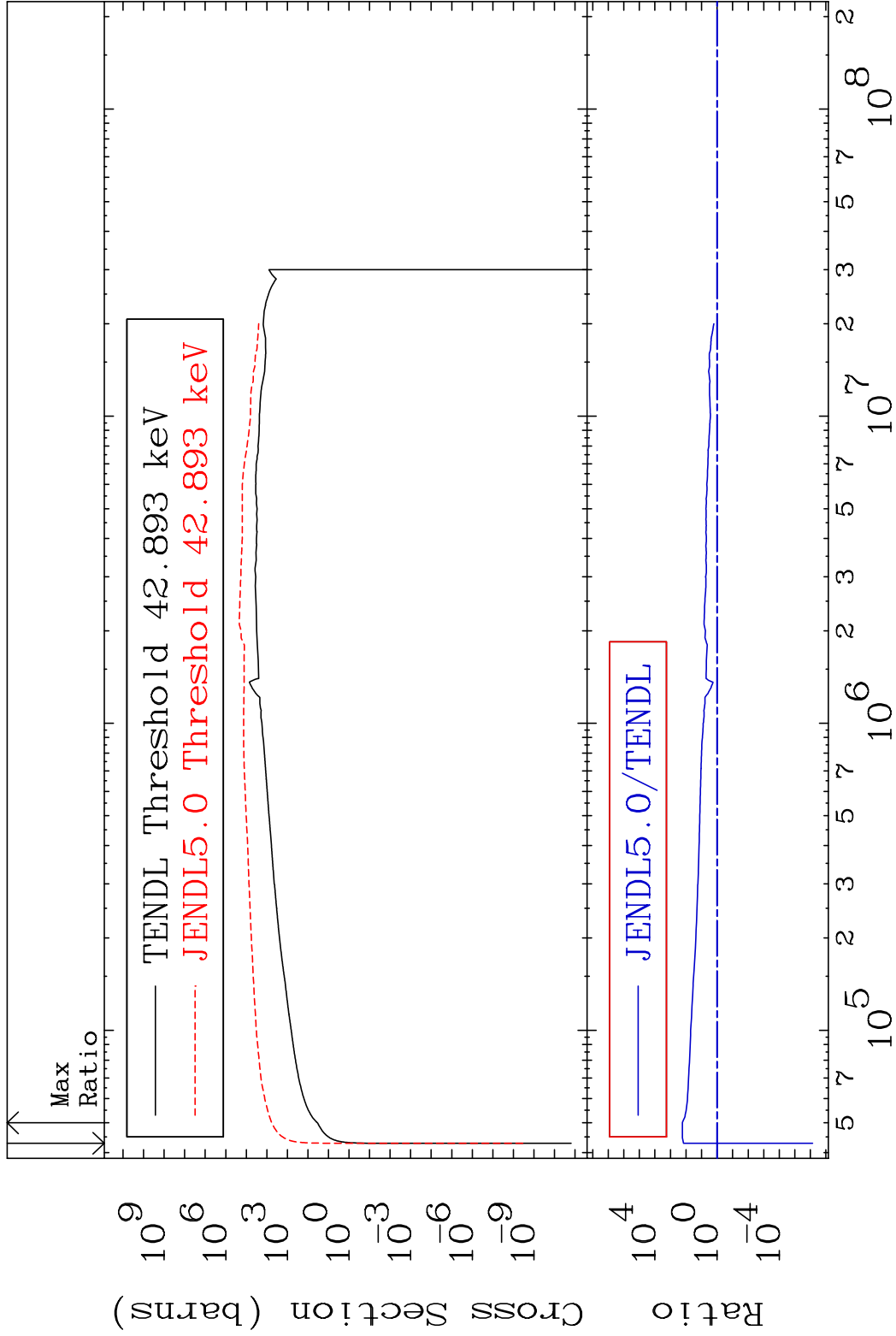
15 Incident Energy (eV) 98-Cf-250

MAT 9855 Kerma non-elastic (all but mt2) 98-Cf-250
Cross Section -49.46 To 9999. %

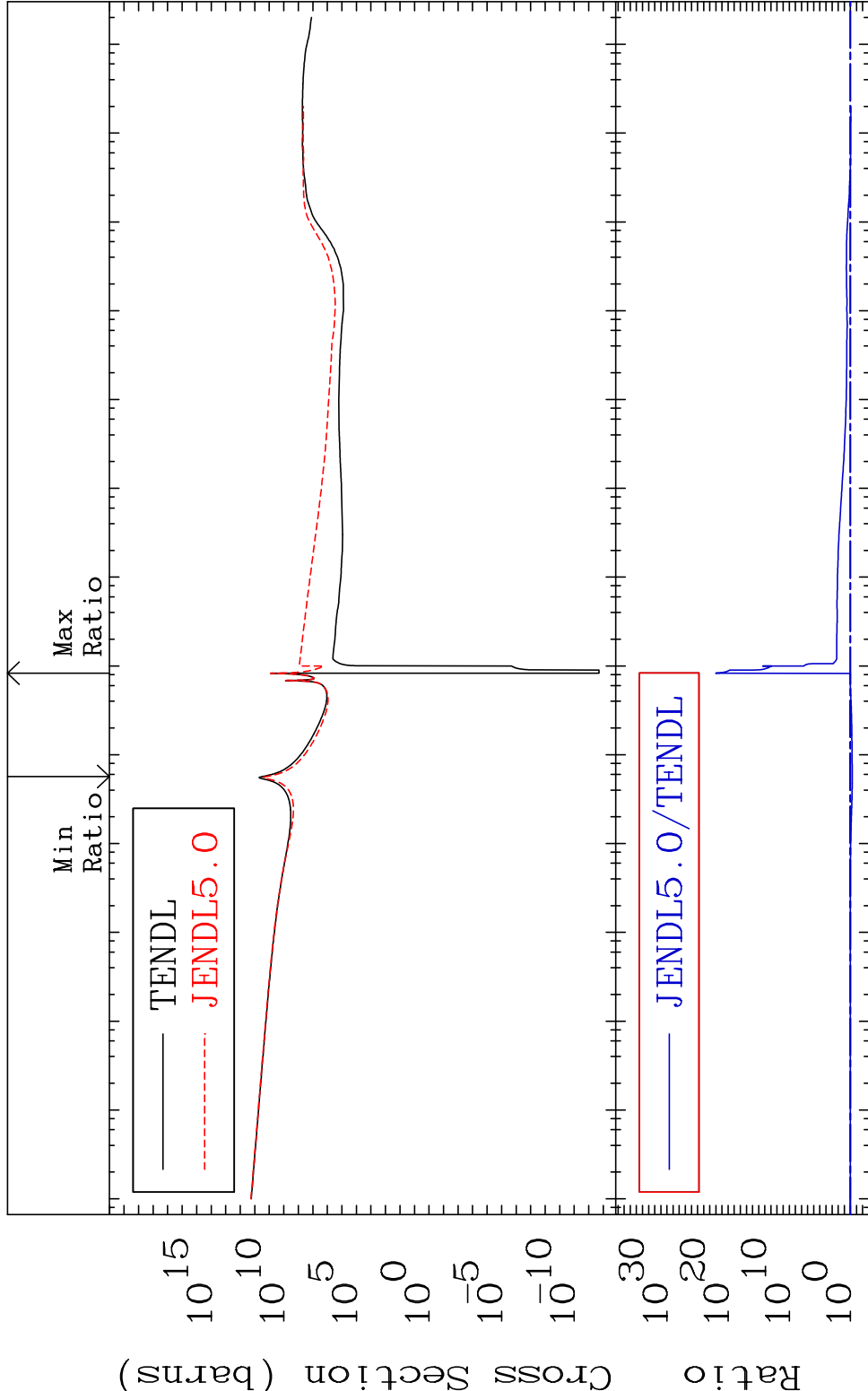


16 Incident Energy (eV) 98-Cf-250

MAT 9855 Kerma inelastic (mt51-91) 98-Cf-250
Cross Section -100.0 To 9999. %



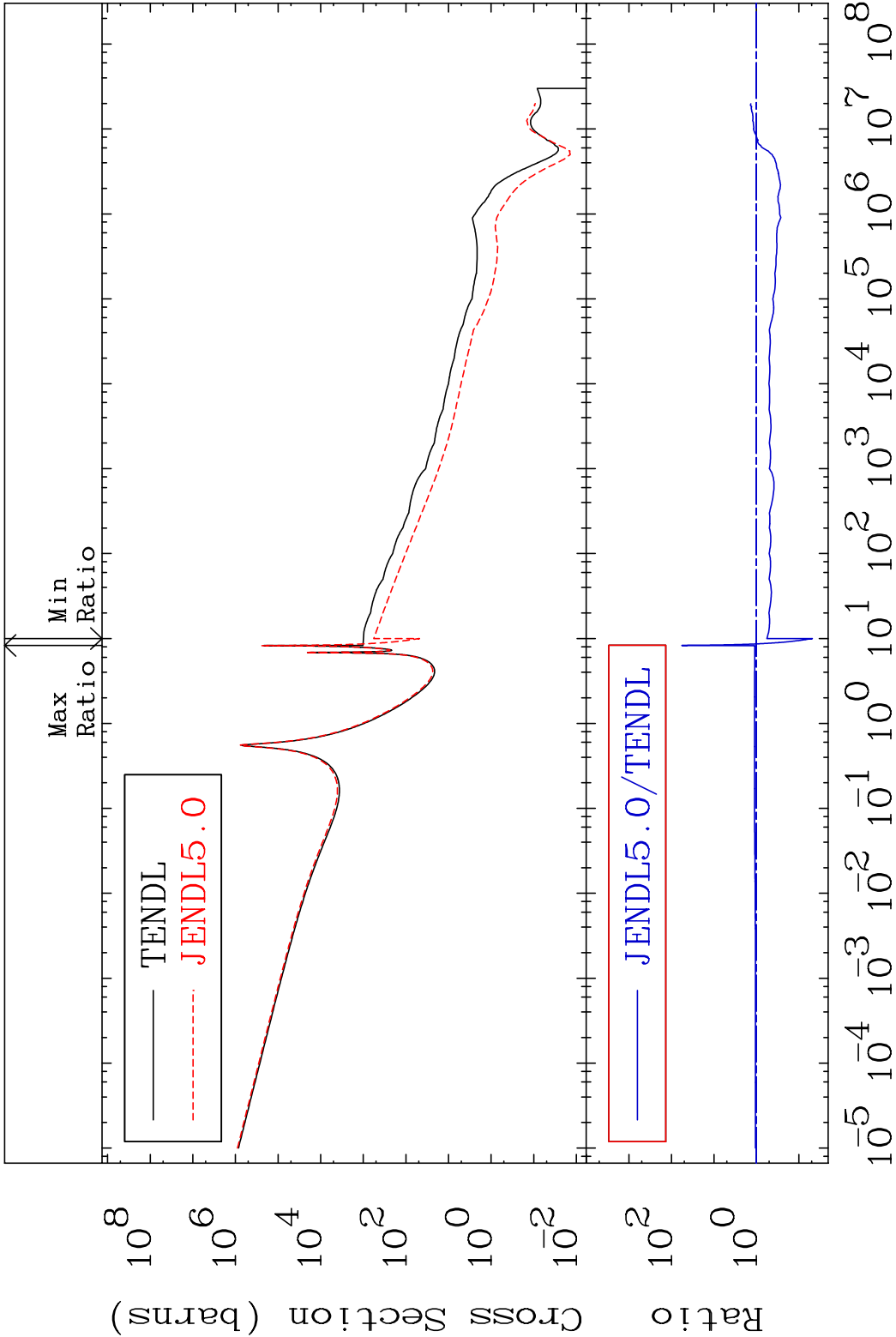
MAT 9855 Kerma fission (mt18 or mt19-20-21-38) 98-Cf-250
Cross Section -49.46 To 9999. %



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

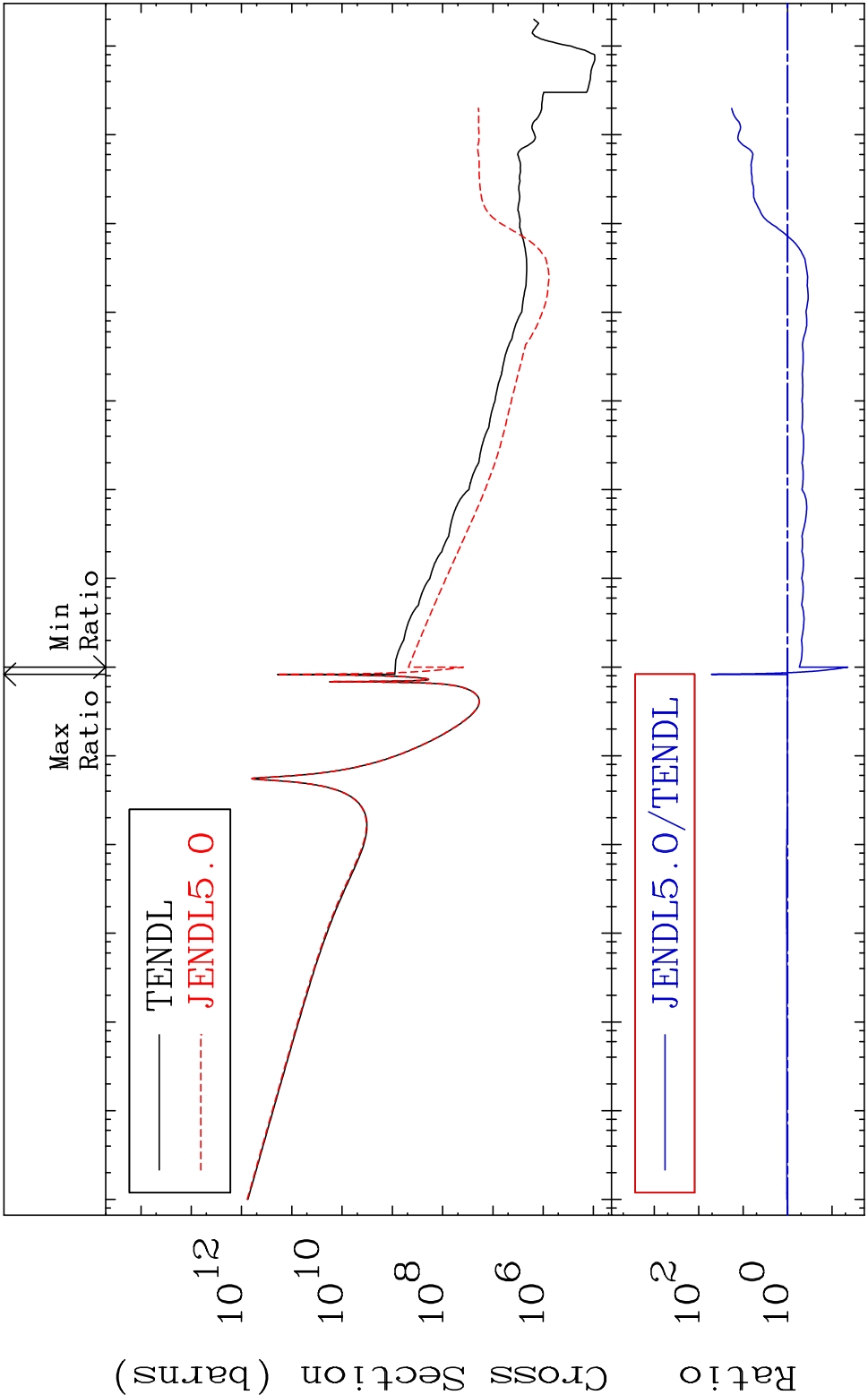
18 Incident Energy (eV) 98-Cf-250

MAT 9855 Kerma capture (mt102) 98-Cf-250
Cross Section -95.15 To 5614. %

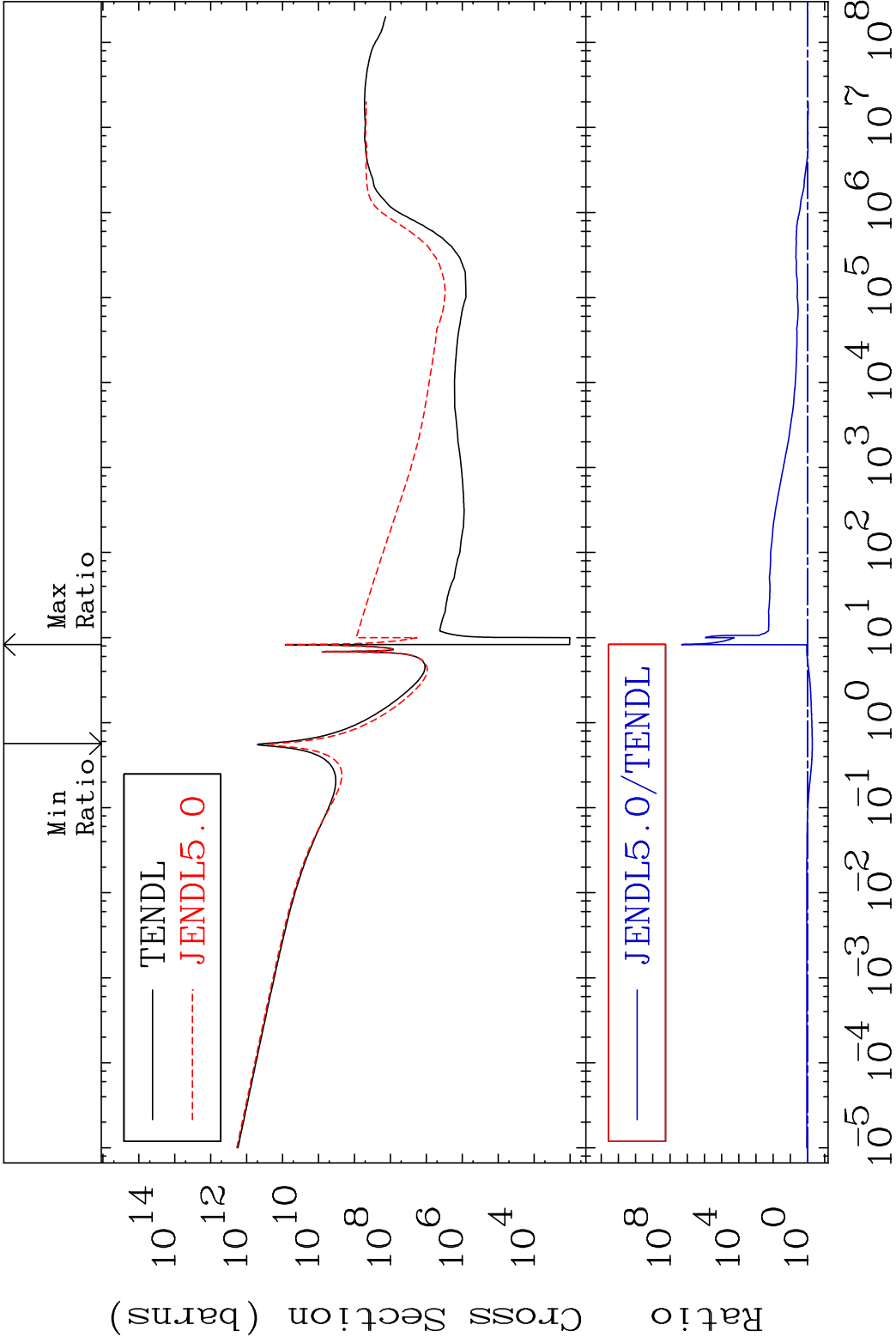


19 Incident Energy (eV) 98-Cf-250

MAT 9855 Total photon (eV-barns) 98-Cf-250
Cross Section -95.58 To 5103. %

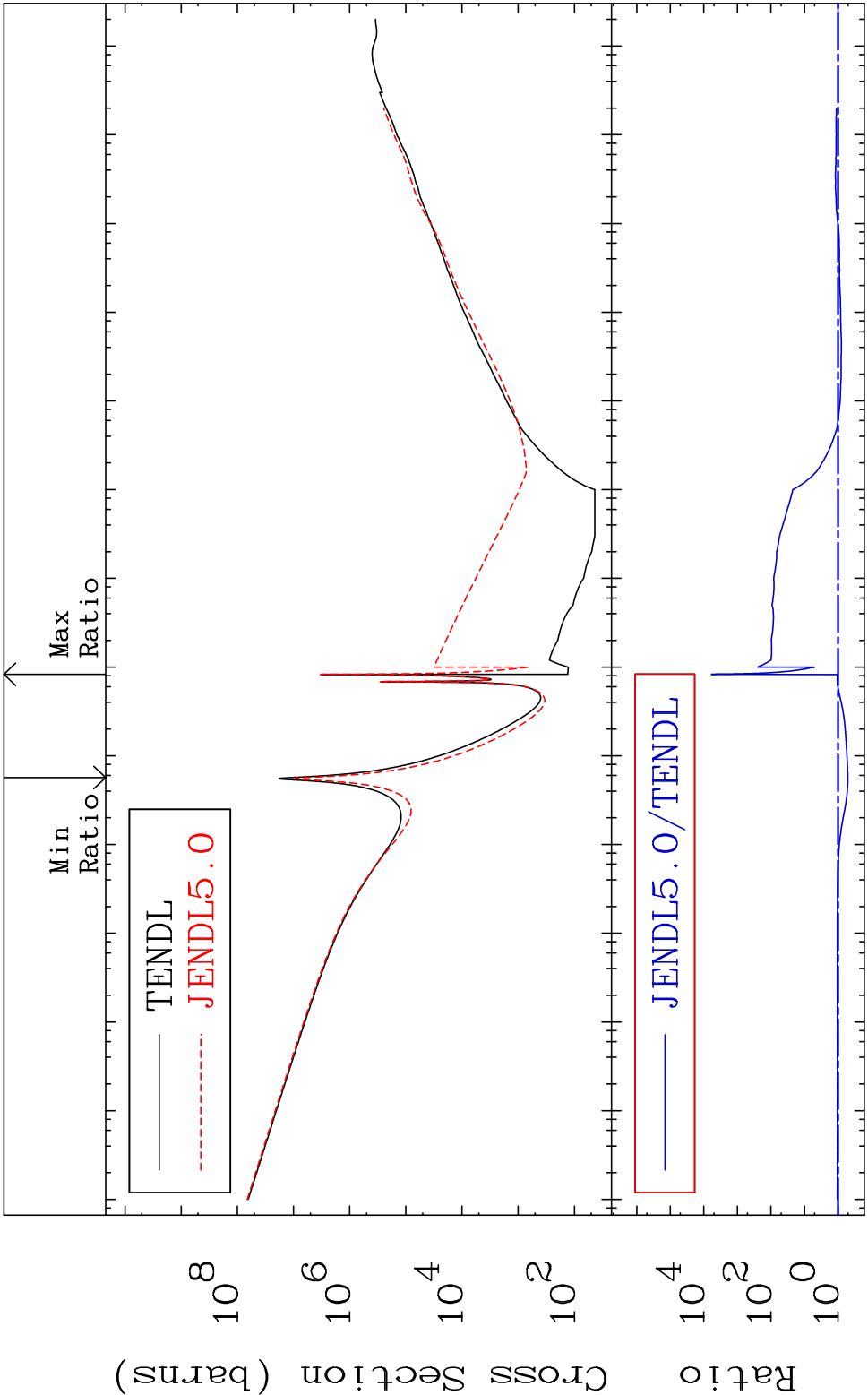


MAT 9855 Total kinematic kerma (high limit) 98-Cf-250
Cross Section -47.67 To 9999. %

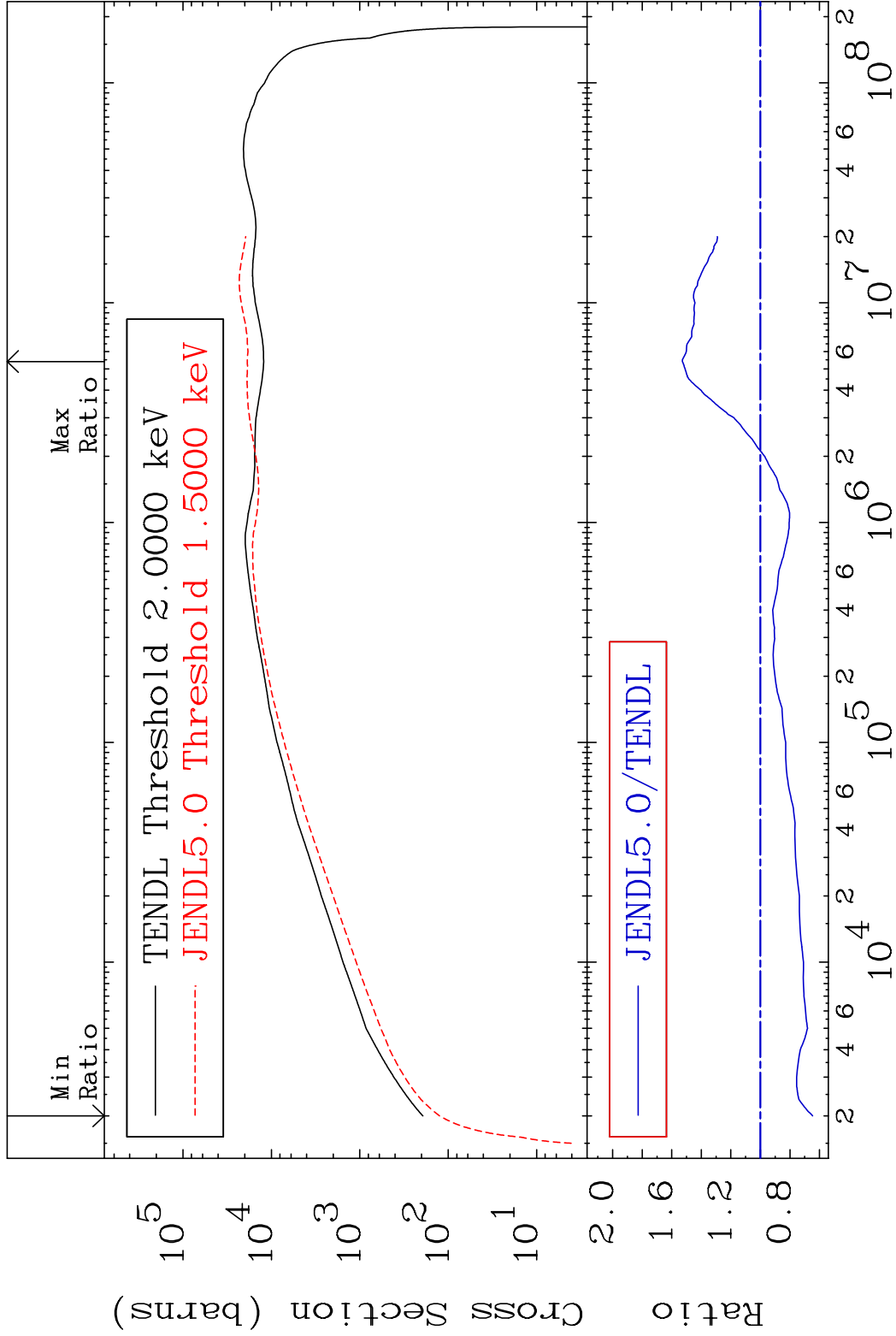


21 Incident Energy (eV) 98-Cf-250

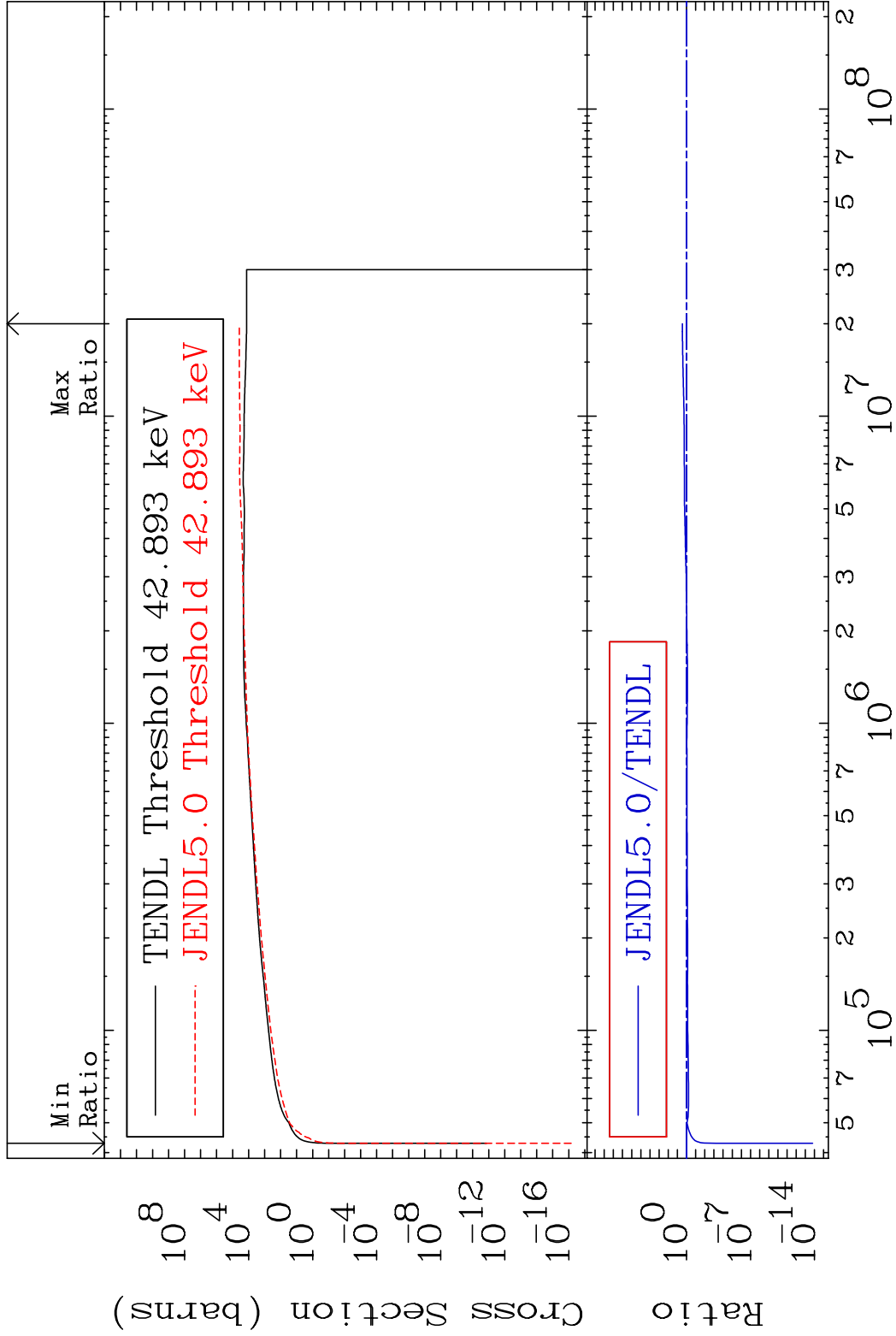
MAT 9855 Dpa total (eV-barns) 98-Cf-250
Cross Section -48.71 To 9999. %



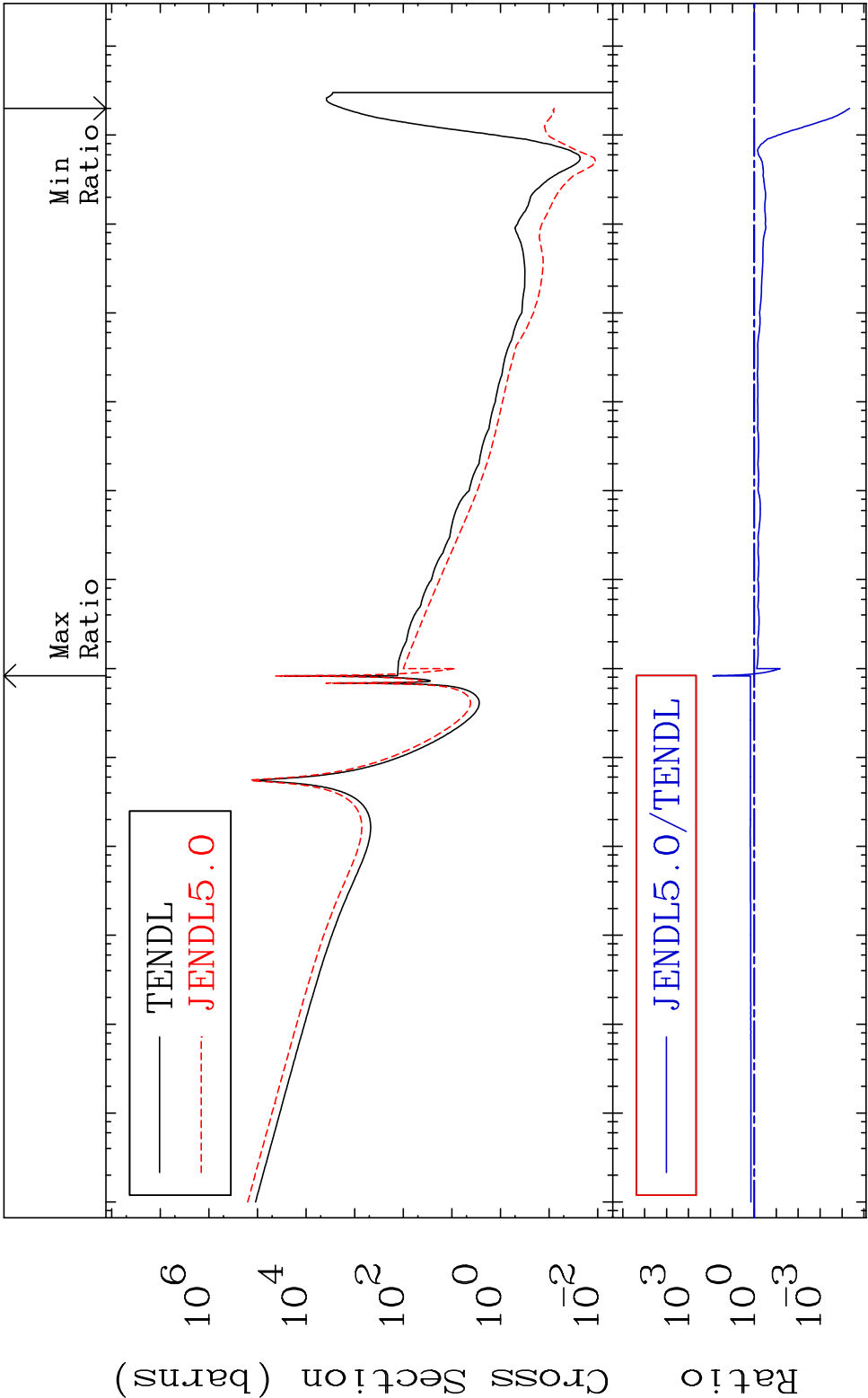
MAT 9855 Dpa elastic (mt2) 98-Cf-250
Cross Section -35.33 To 52.81 %



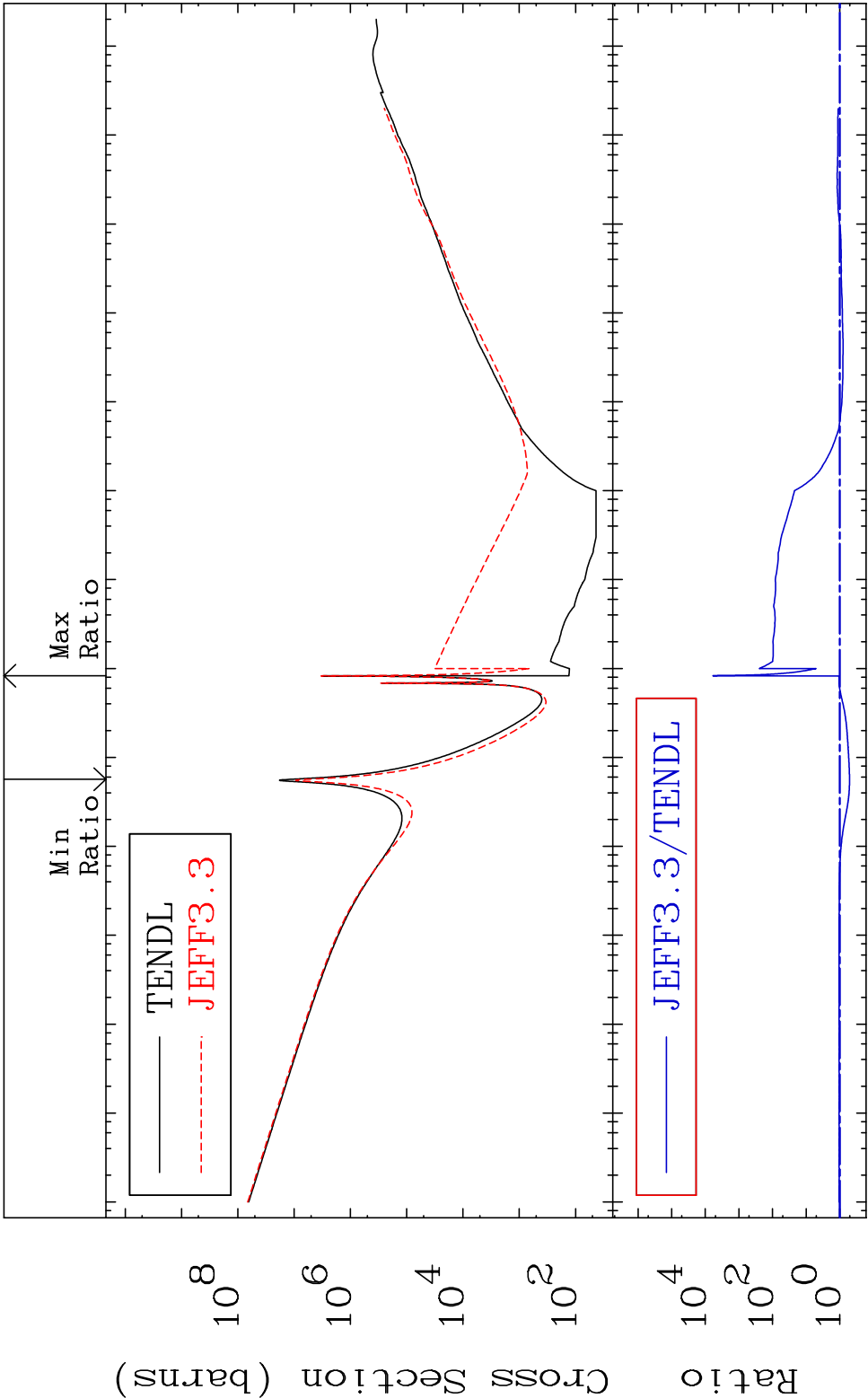
MAT 9855 Dpa inelastic (mt51-91) 98-Cf-250
Cross Section -100.0 To 185.3 %



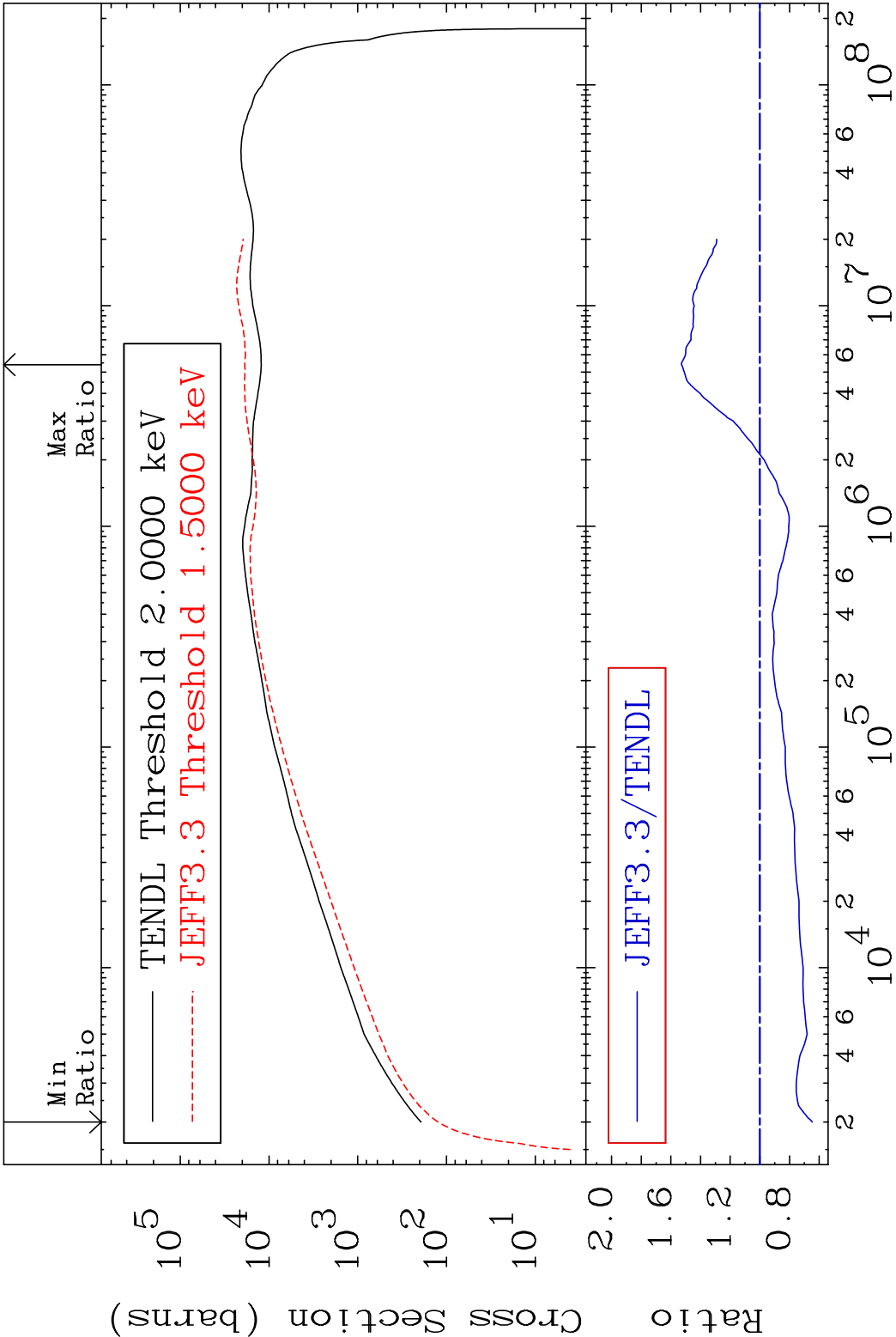
MAT 9855 Dpa disappearance (mt102 -120) 98-Cf-250
Cross Section -100.0 To 7722. %

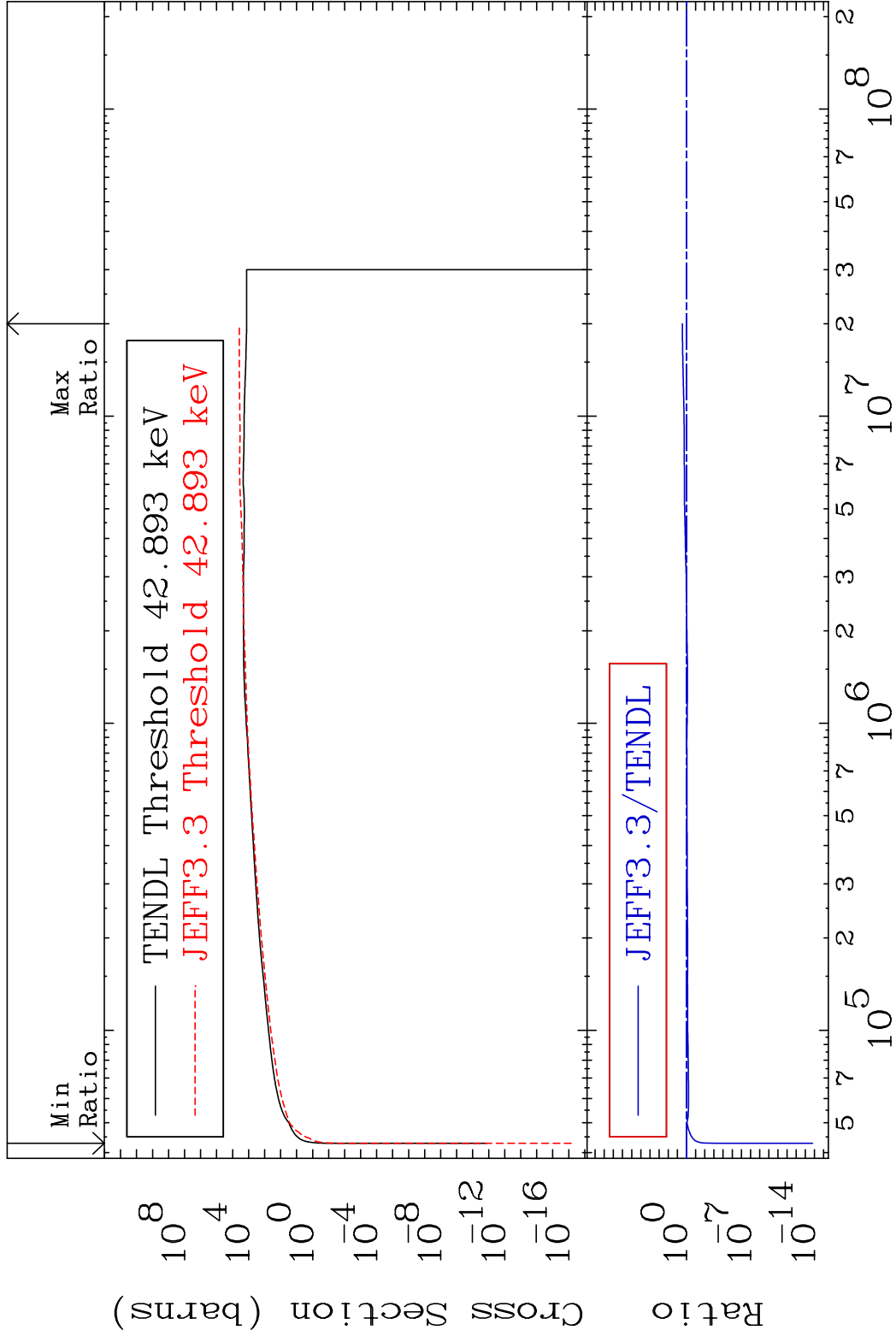


MAT 9855 Dpa total (eV-barns) 98-Cf-250
Cross Section -48.71 To 9999. %

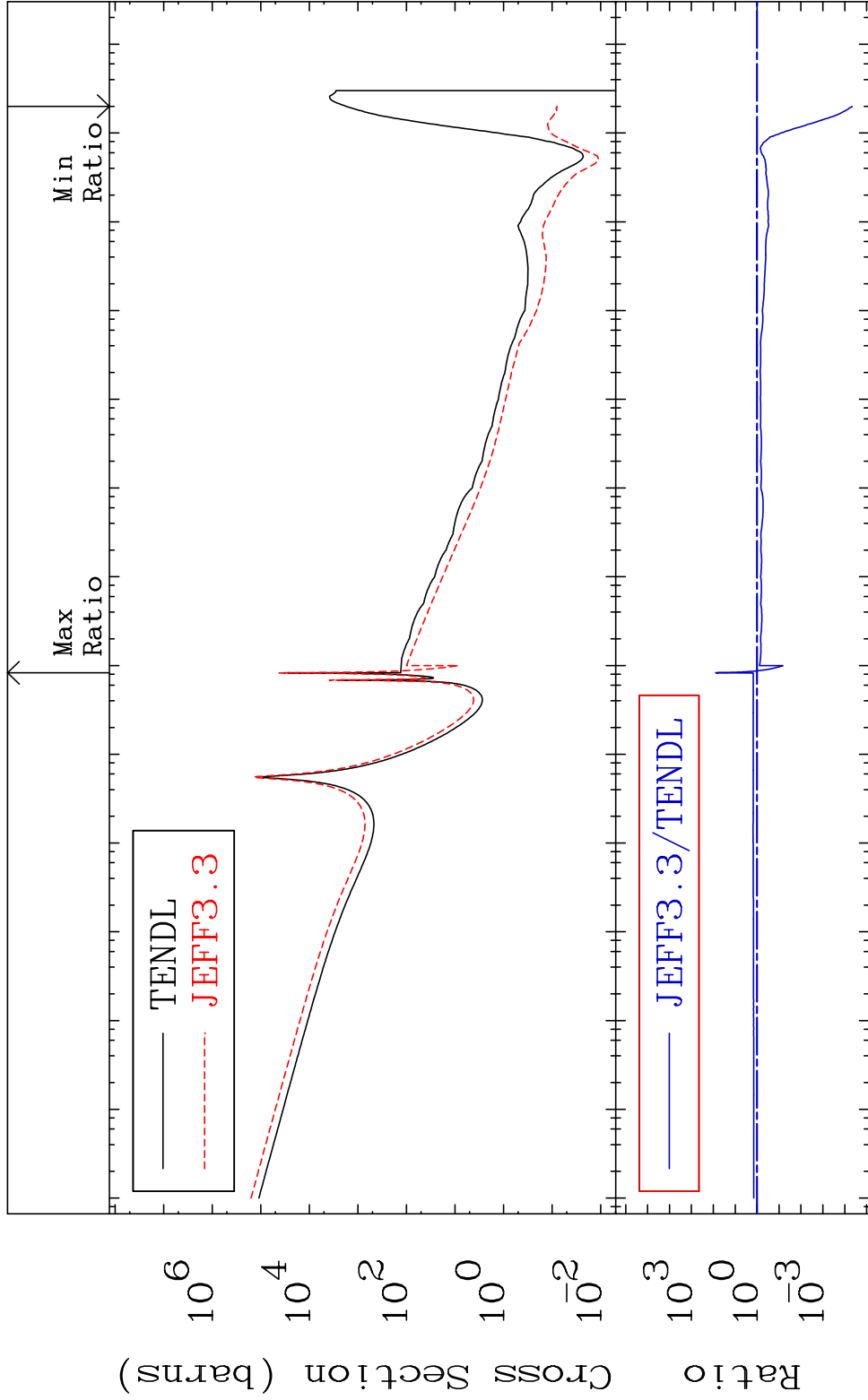


MAT 9855	Dpa elastic (mt2)	98-Cf-250
	Cross Section	-35.33 To 52.81 %





MAT 9855 Dpa disappearance (mt102 -120) 98-Cf-250
Cross Section -100.0 To 7722. %



Ratio
Cross Section (barns)

29 Incident Energy (eV) 98-Cf-250