

Program Complot
(Version 2021-1)

by

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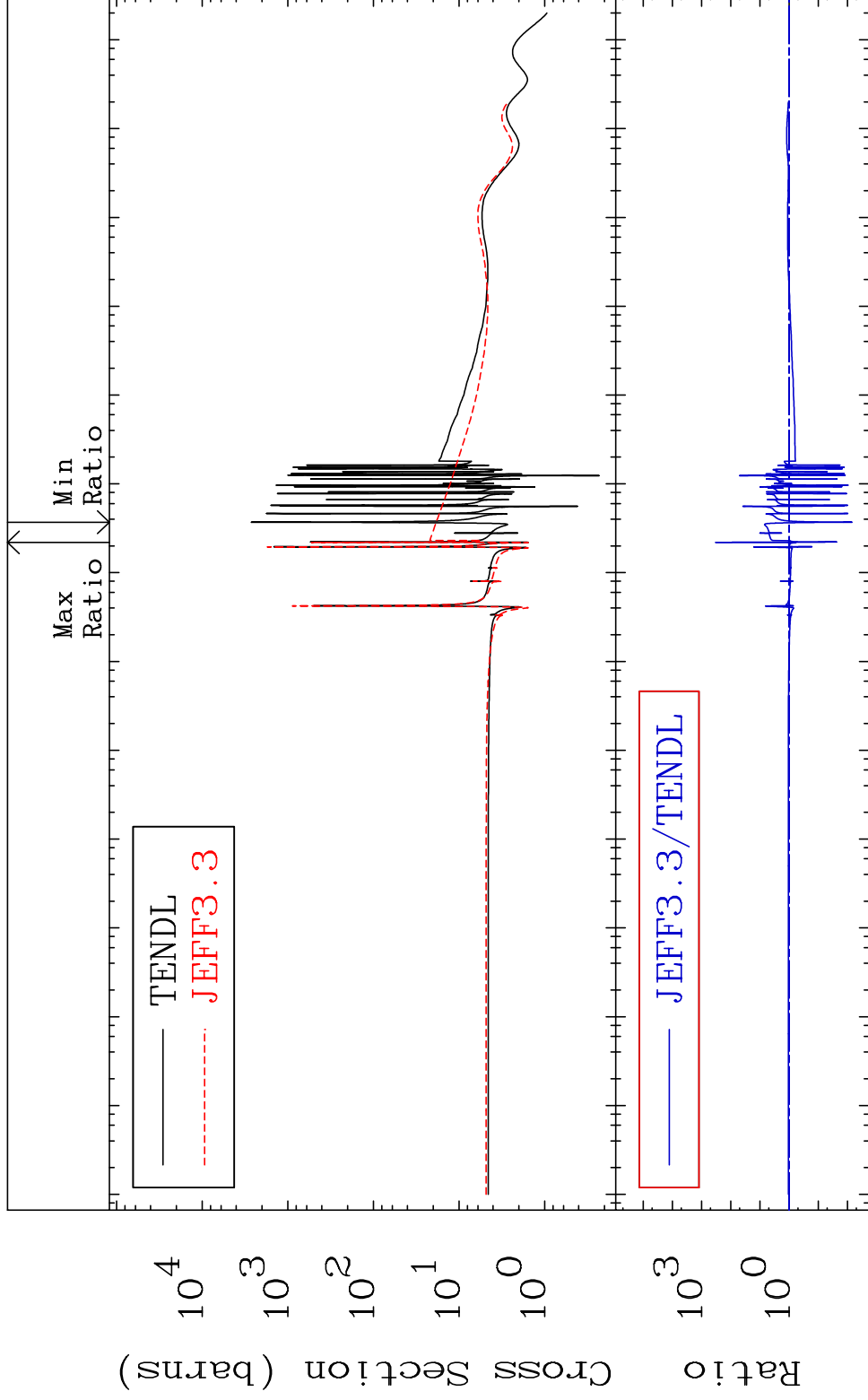
Press Mouse Button to Start

MAT 5531

Elastic

55-Cs-135

Cross Section -99.31 To 9999. %

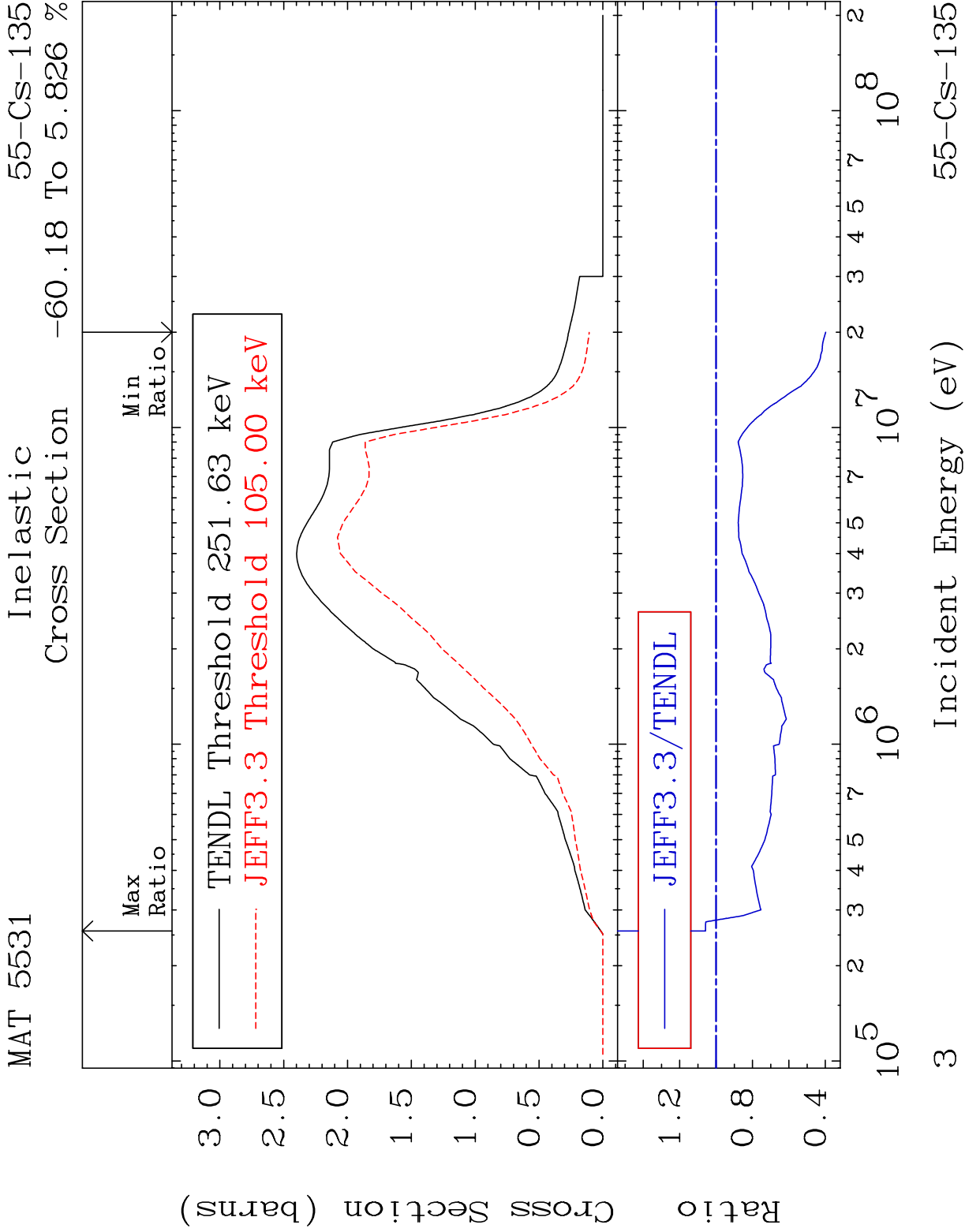


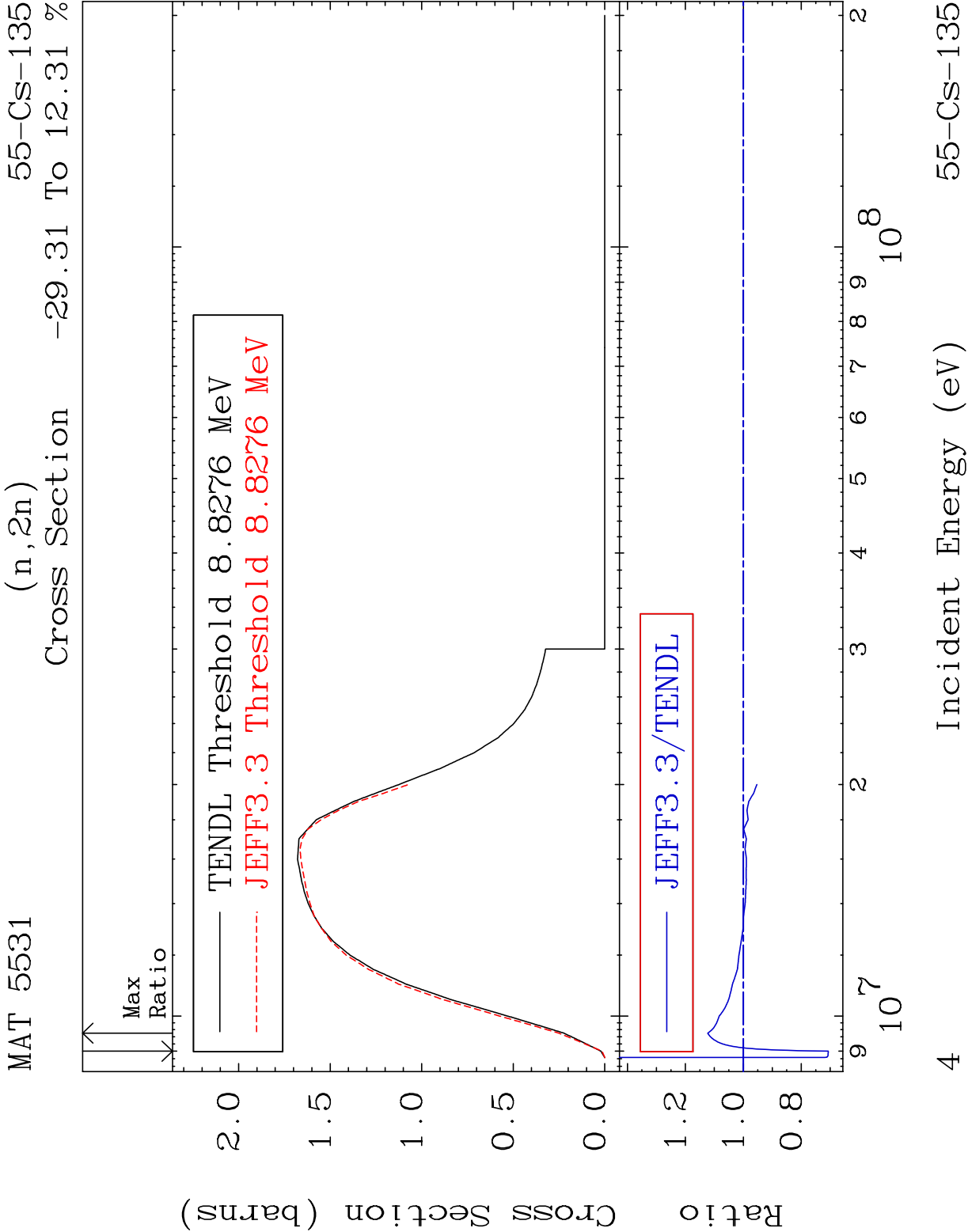
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2

Incident Energy (eV)

55-Cs-135



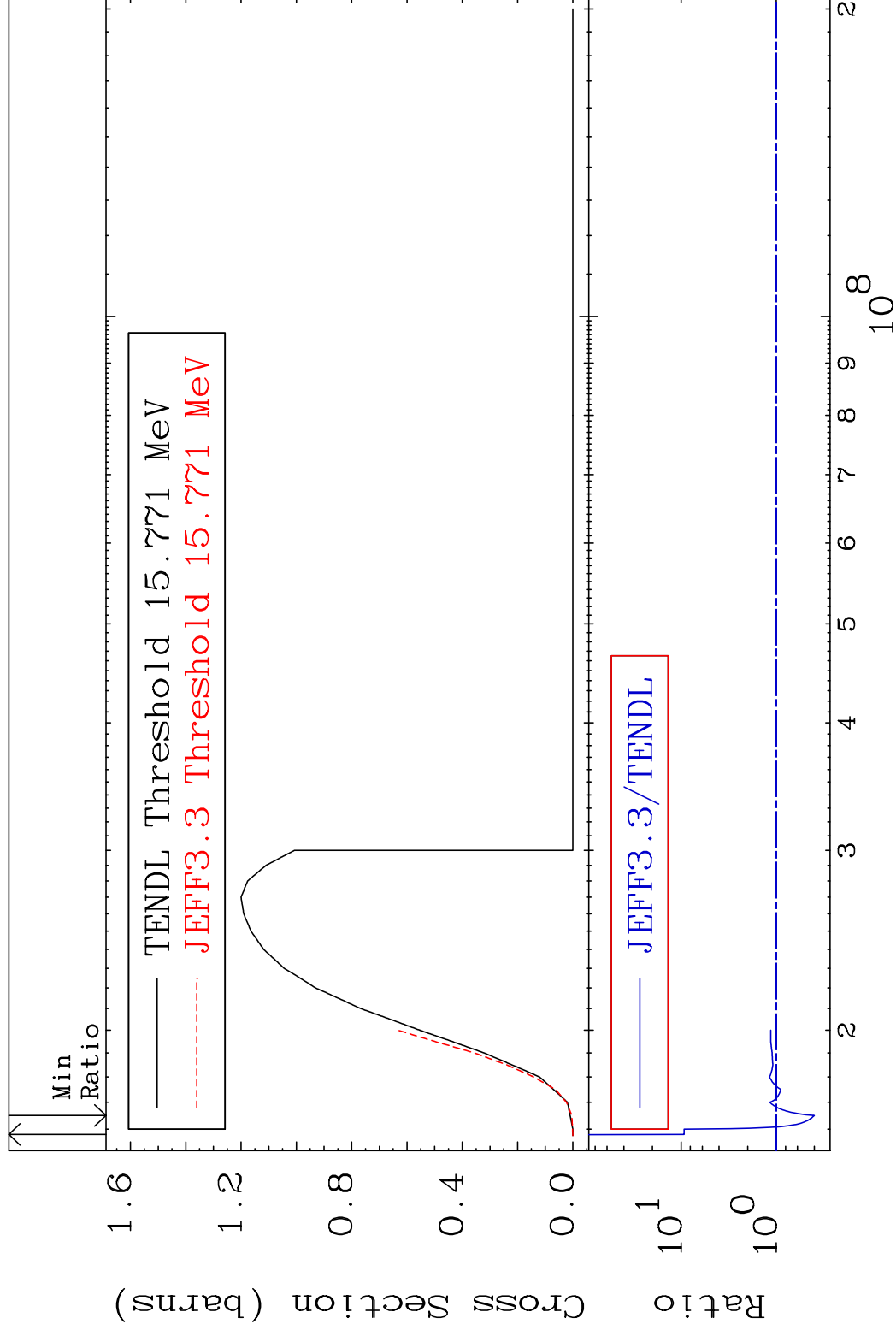


MAT 5531

$$(n, 3n)$$

55-CS-135

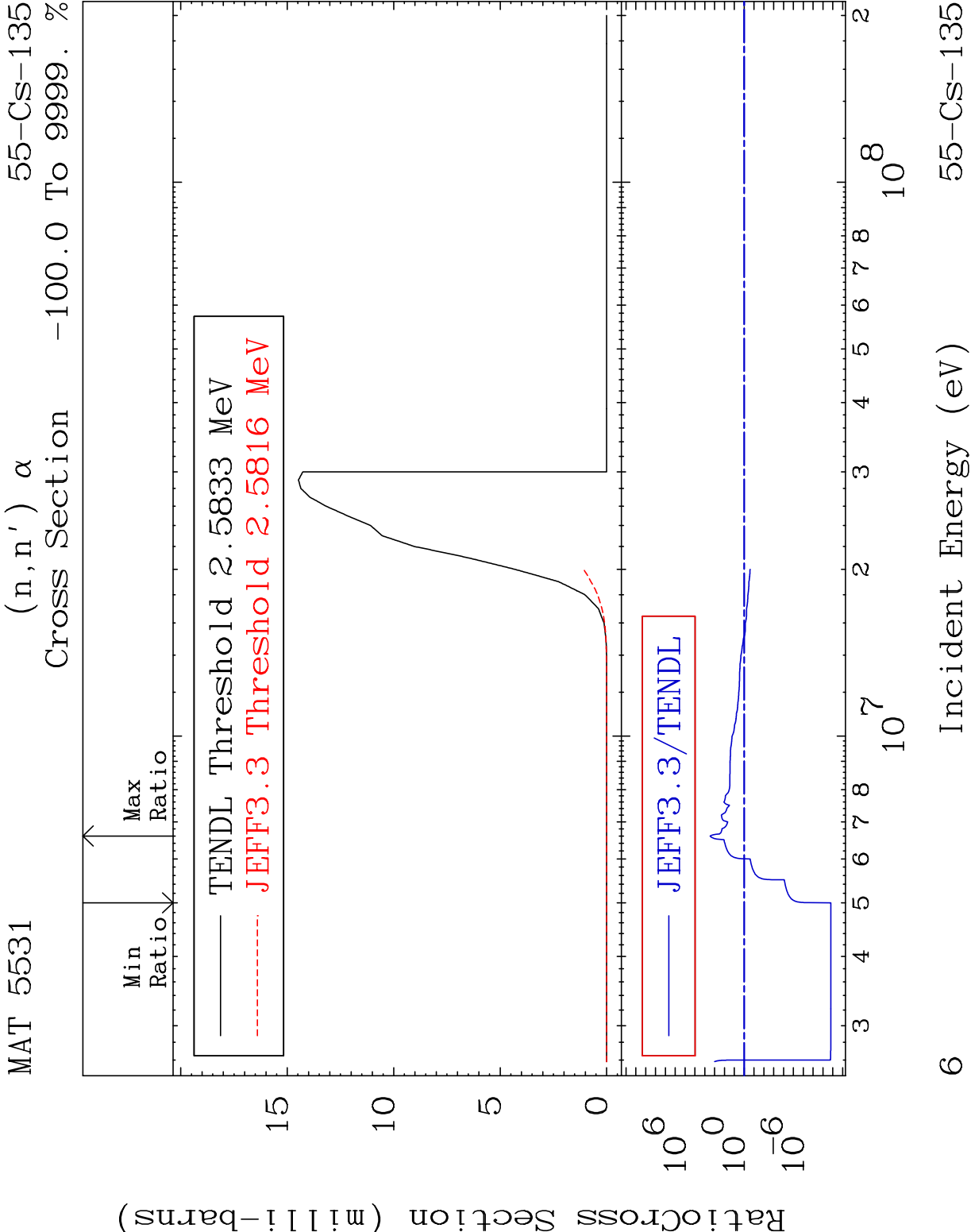
Cross Section -60.03 To 831.7 %



5

Incident Energy (eV)

55-CS-135

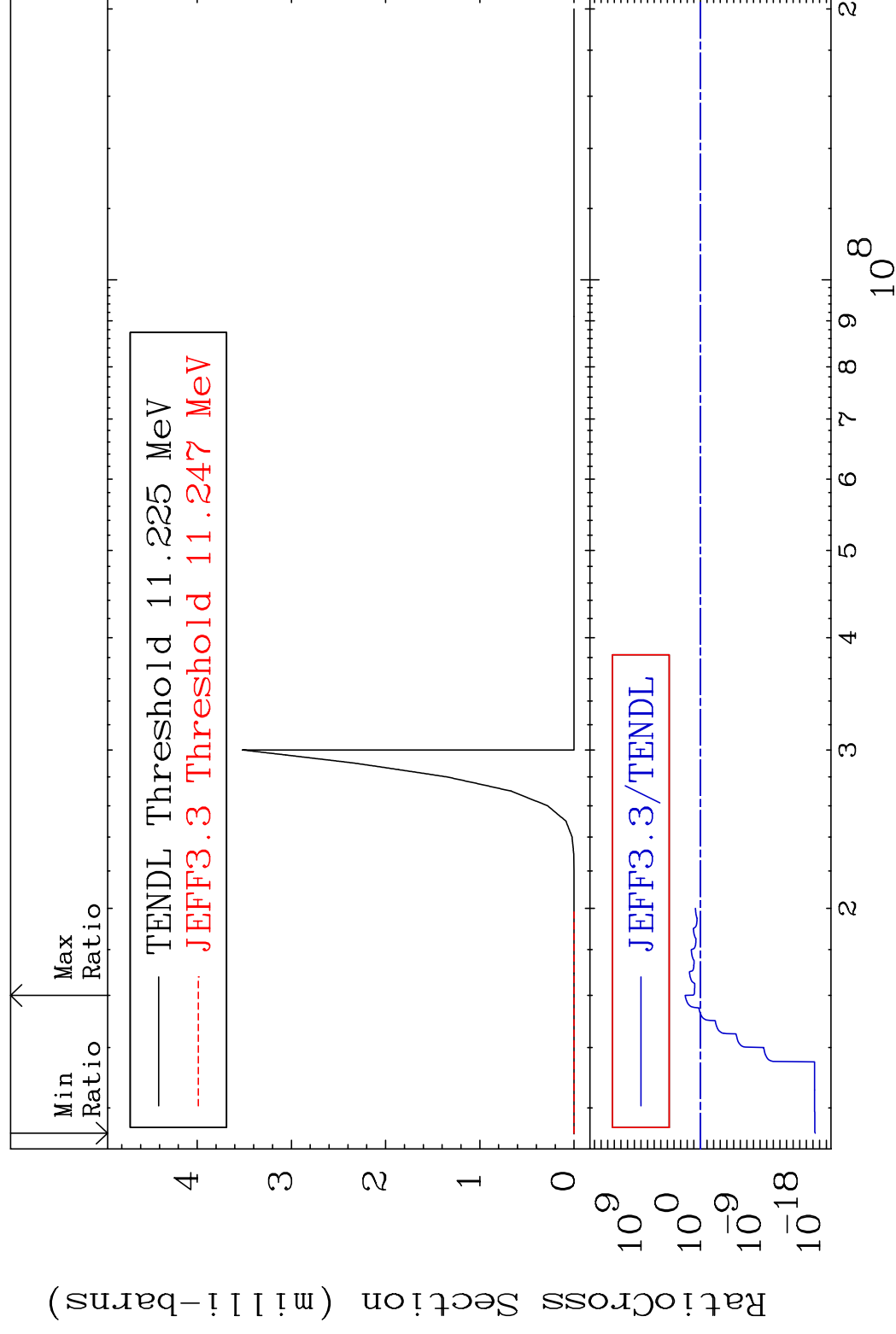


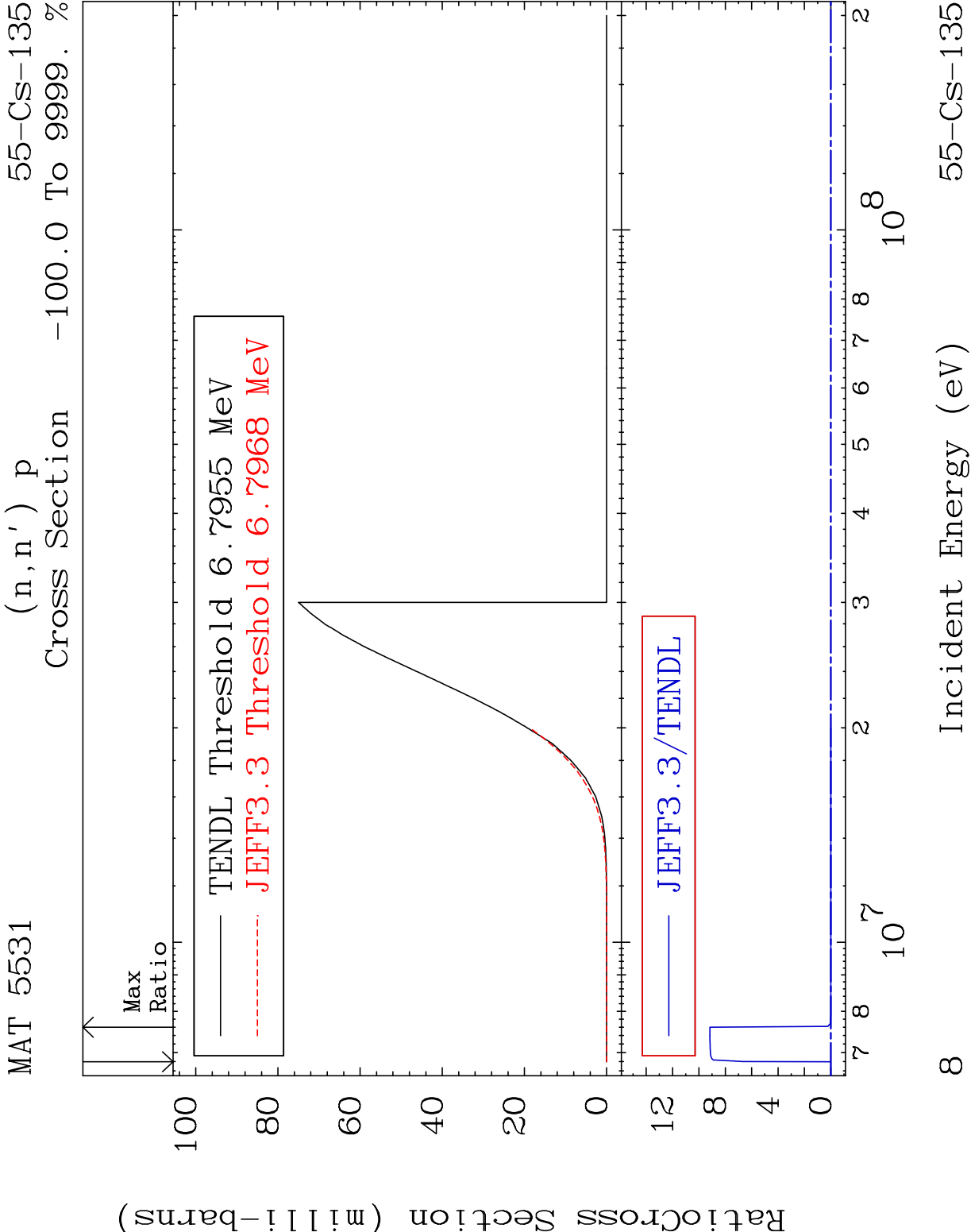
MAT 5531

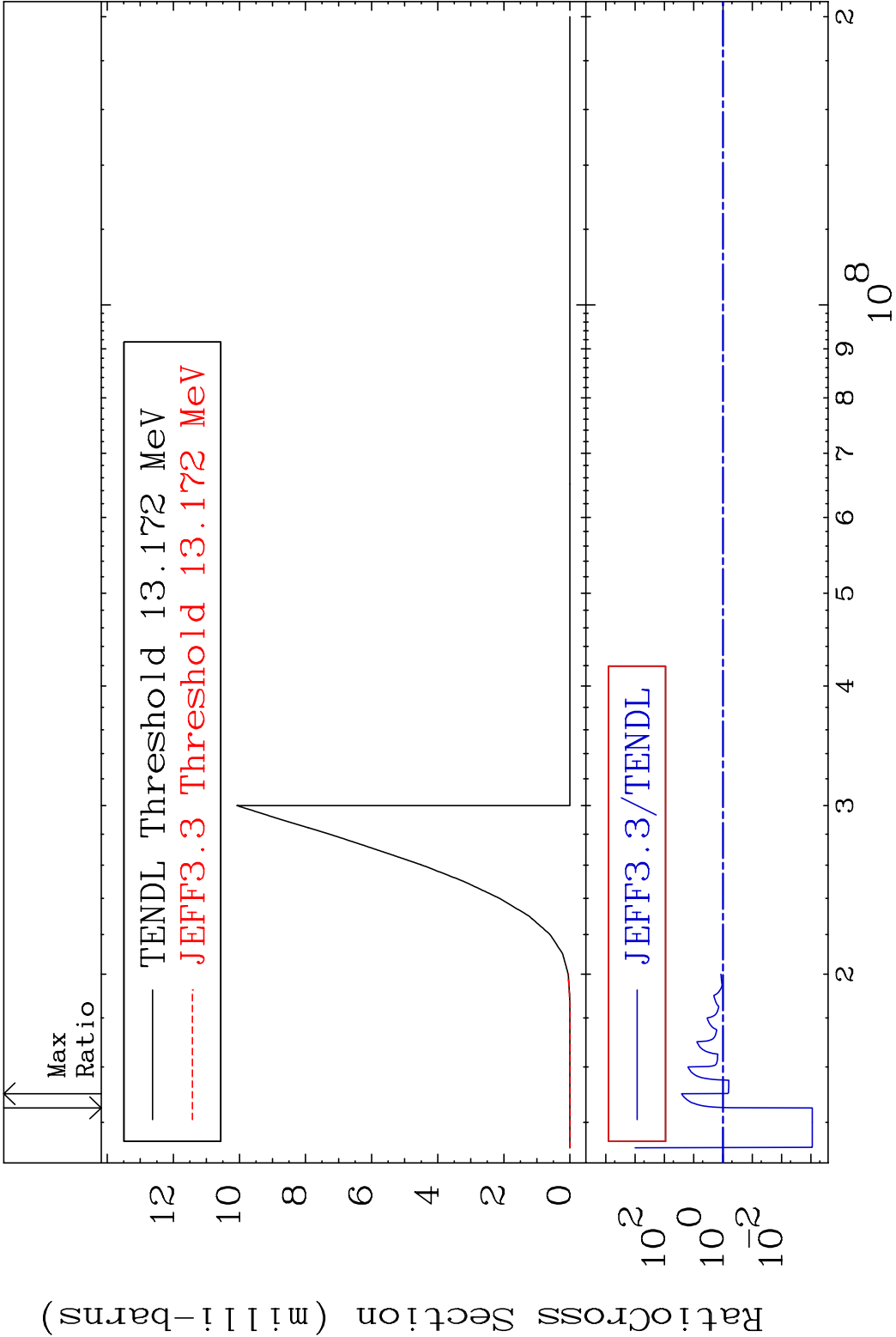
$$(n, 2n) \propto$$

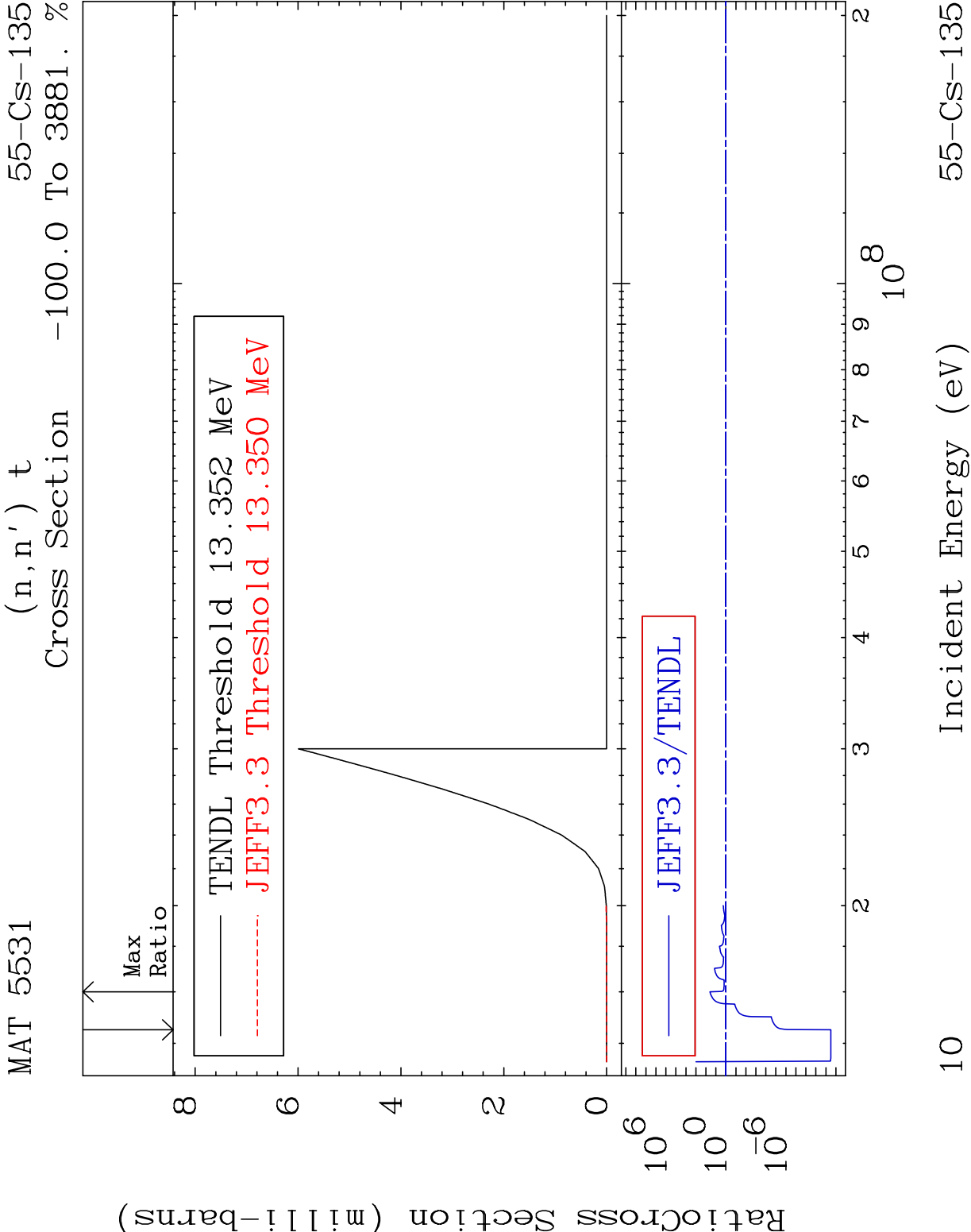
55-CS-135

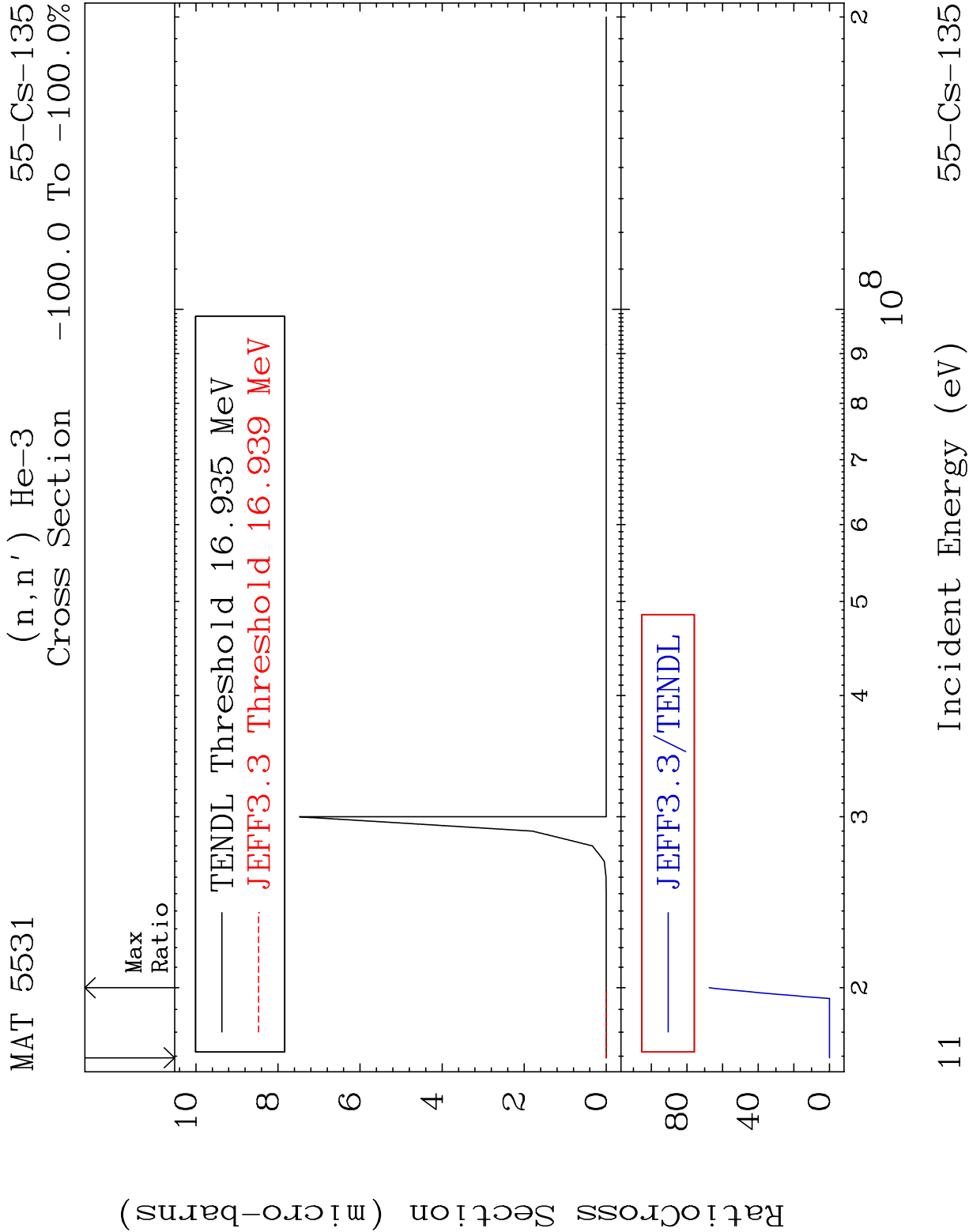
Cross Section -100.0 To 9999. %

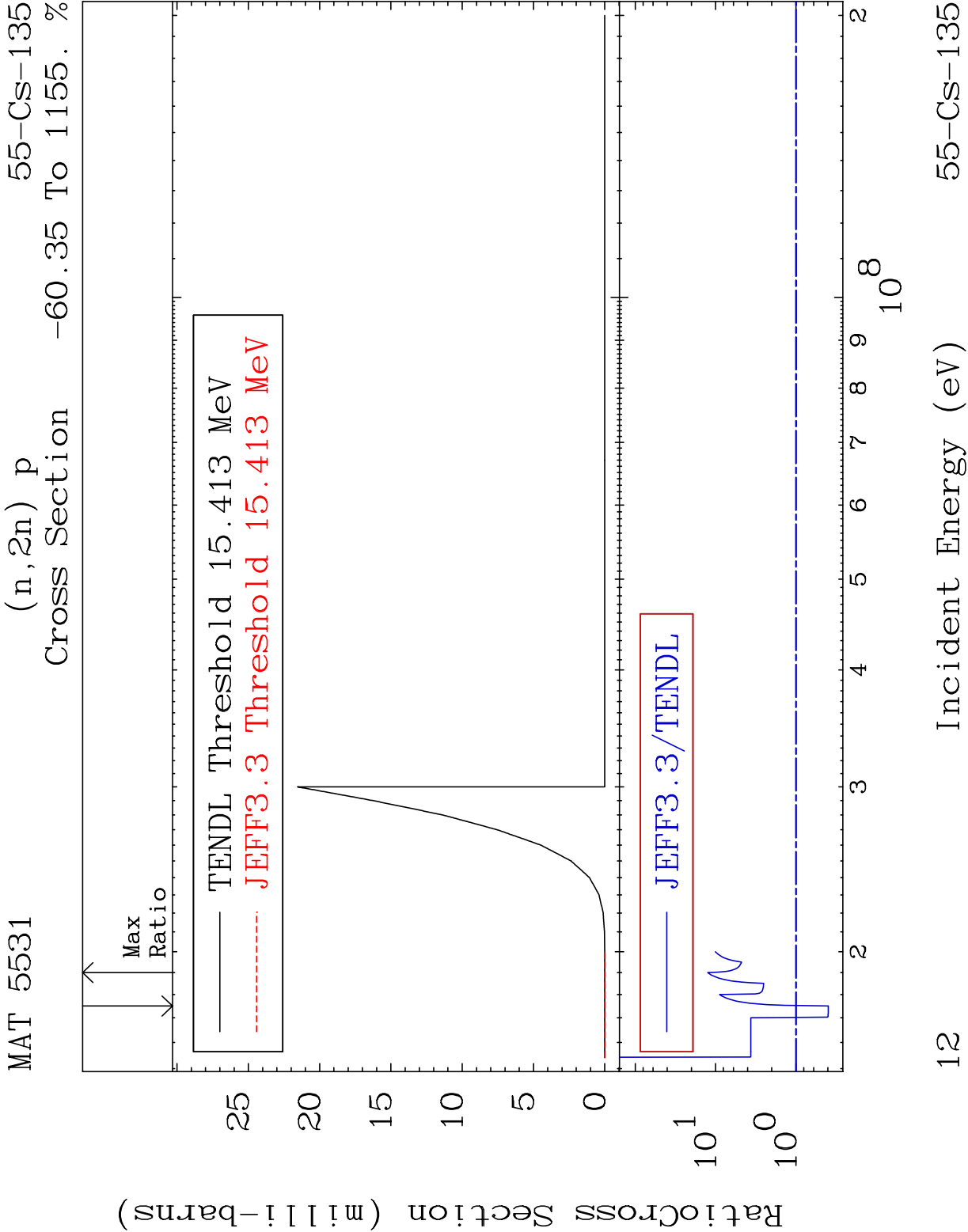




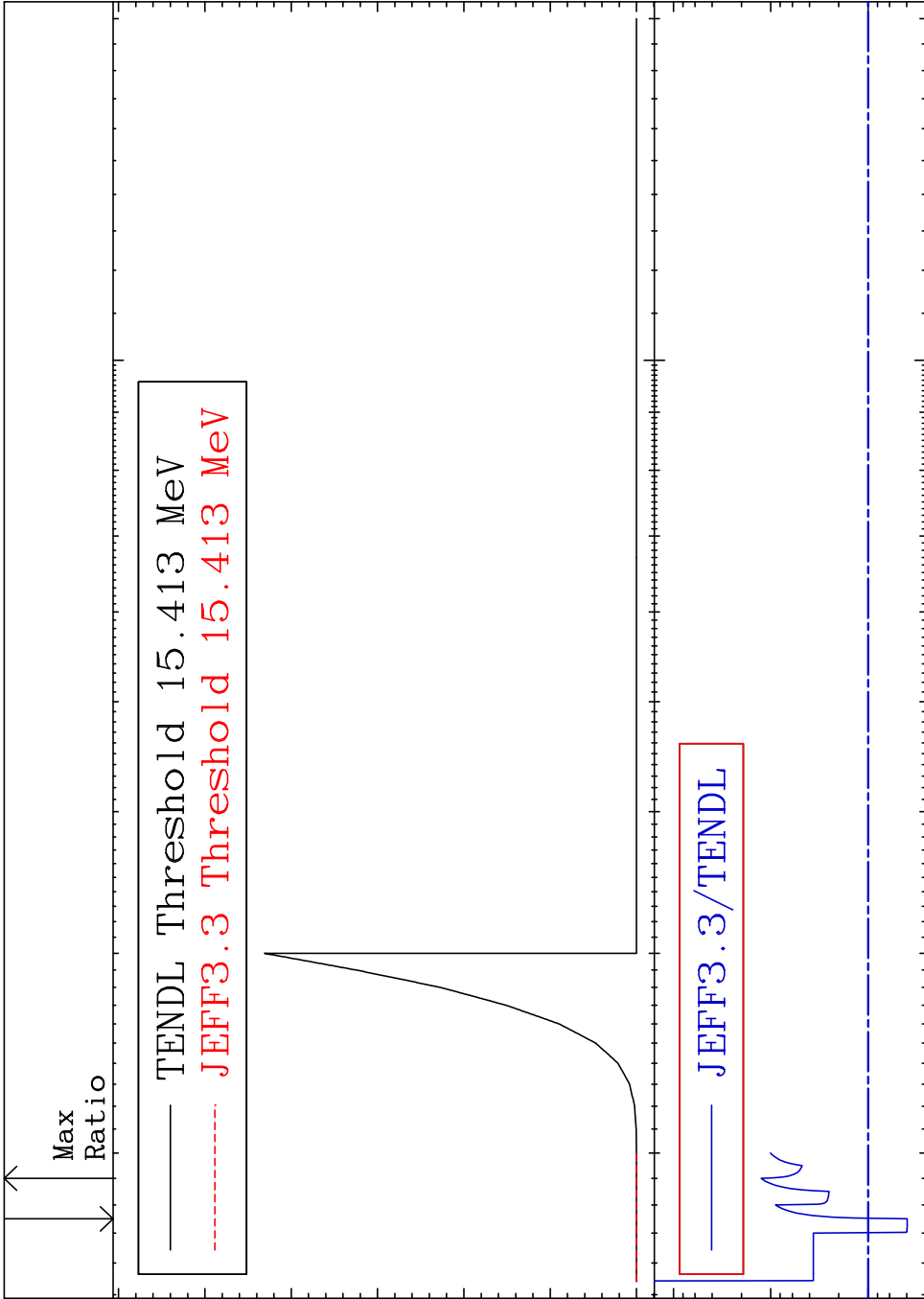


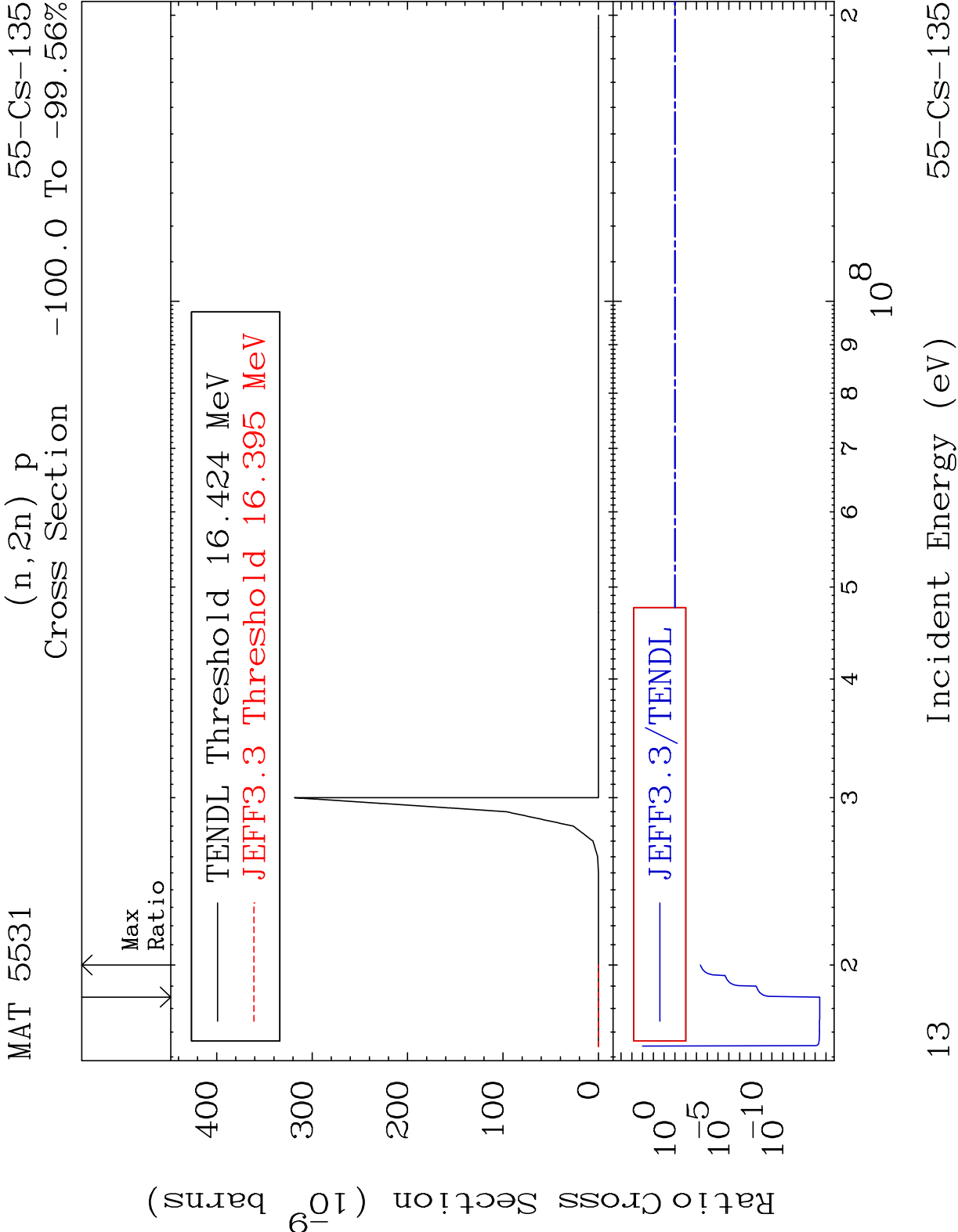


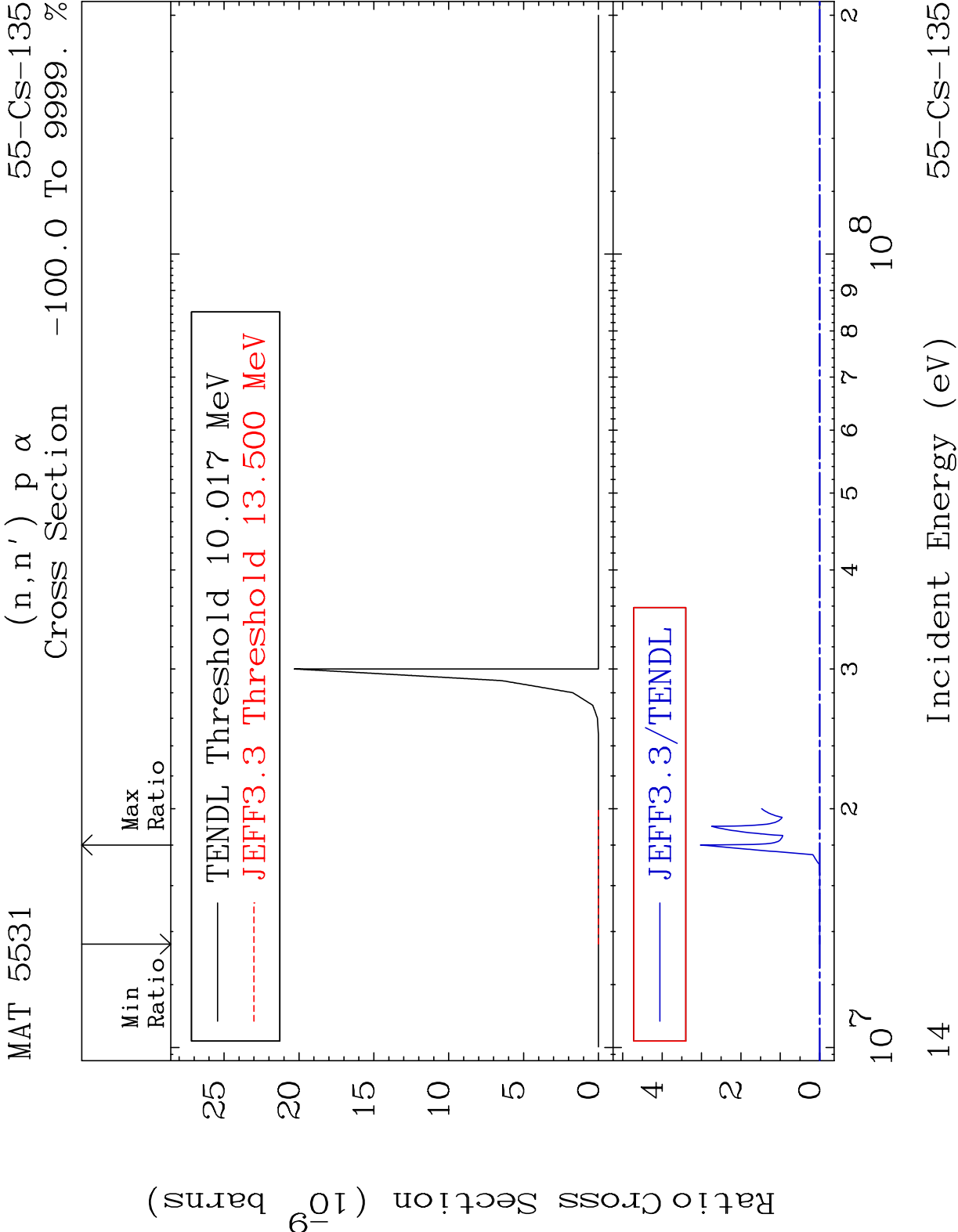




RatioCross Section (milli-barns)







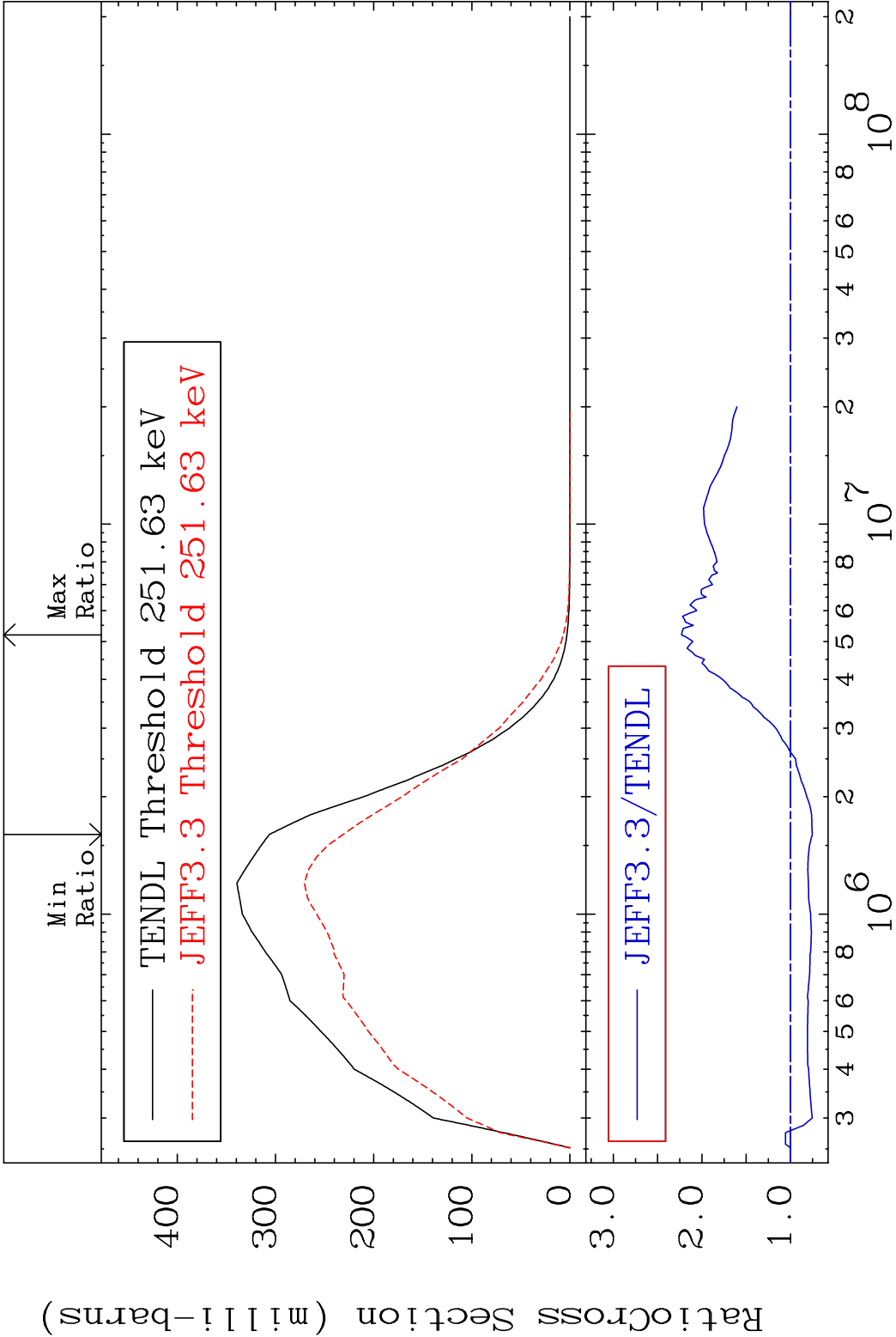
MAT 5531

MT= 51 (n,n') Level

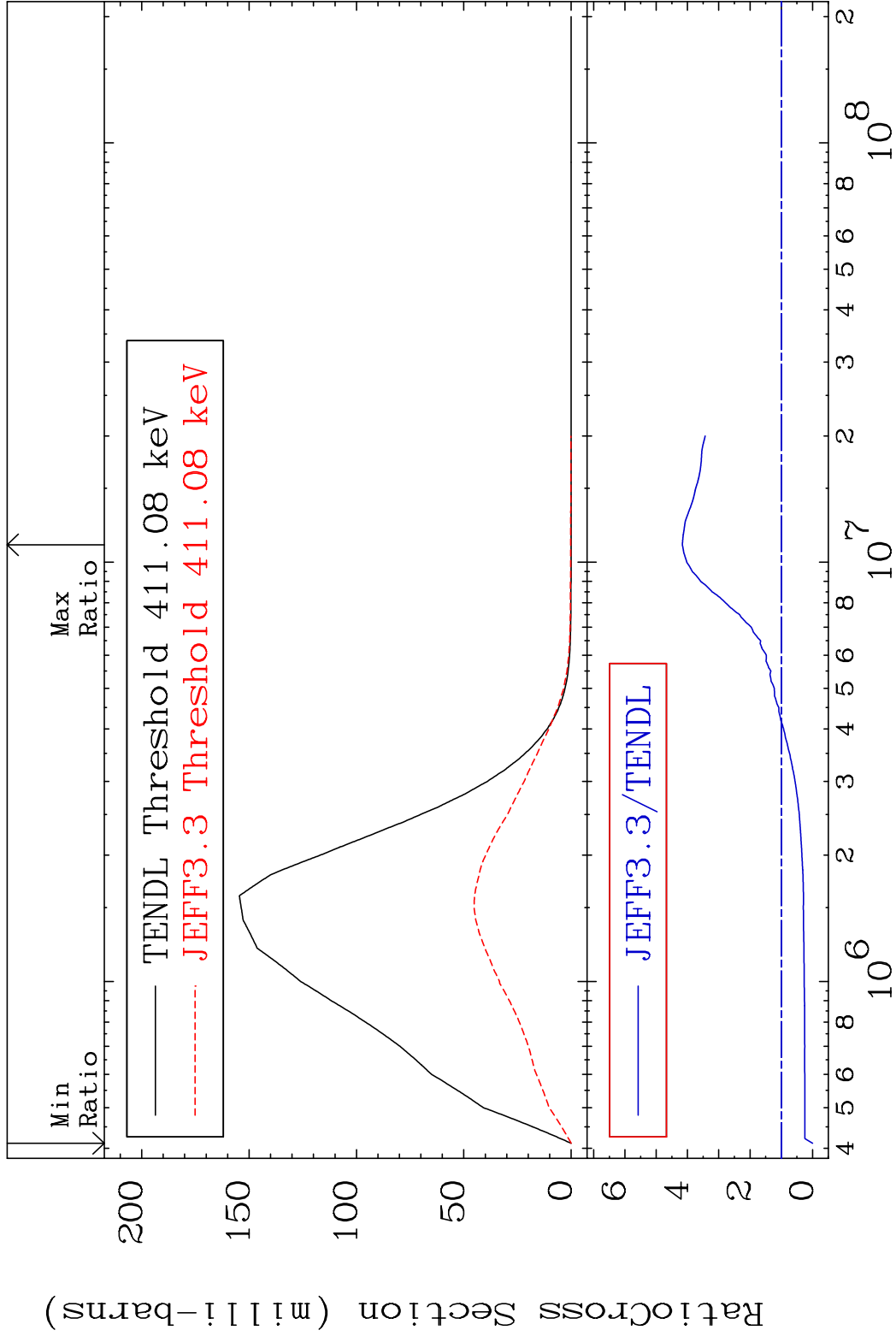
55-Cs-135

Cross Section

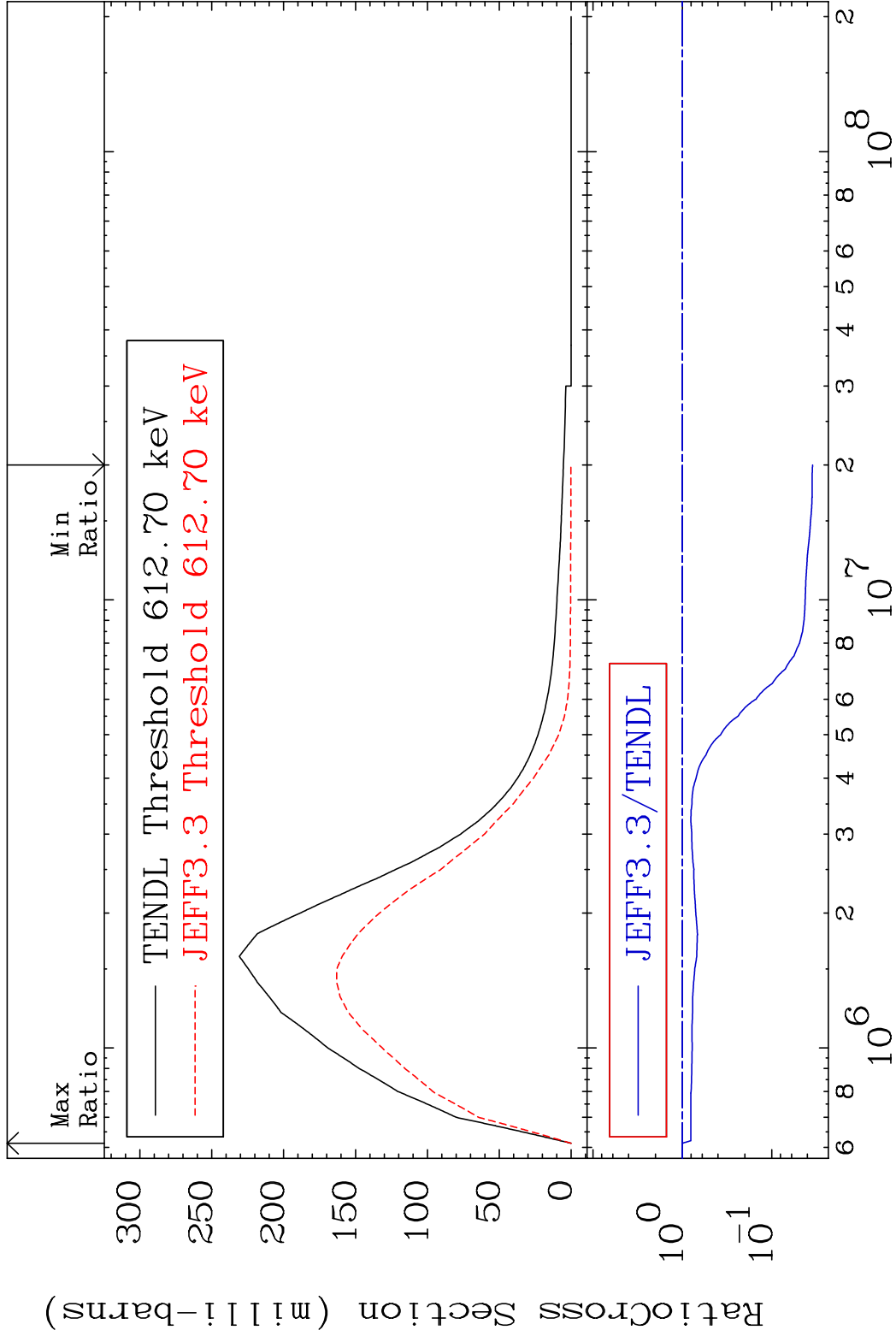
-24.57 To 123.0 %



MAT 5531 MT= 52 (n,n') Level 55-Cs-135
Cross Section -100.0 To 316.4 %



MAT 5531 MT= 53 (n,n') Level 55-Cs-135
Cross Section -96.50 To 0.000 %



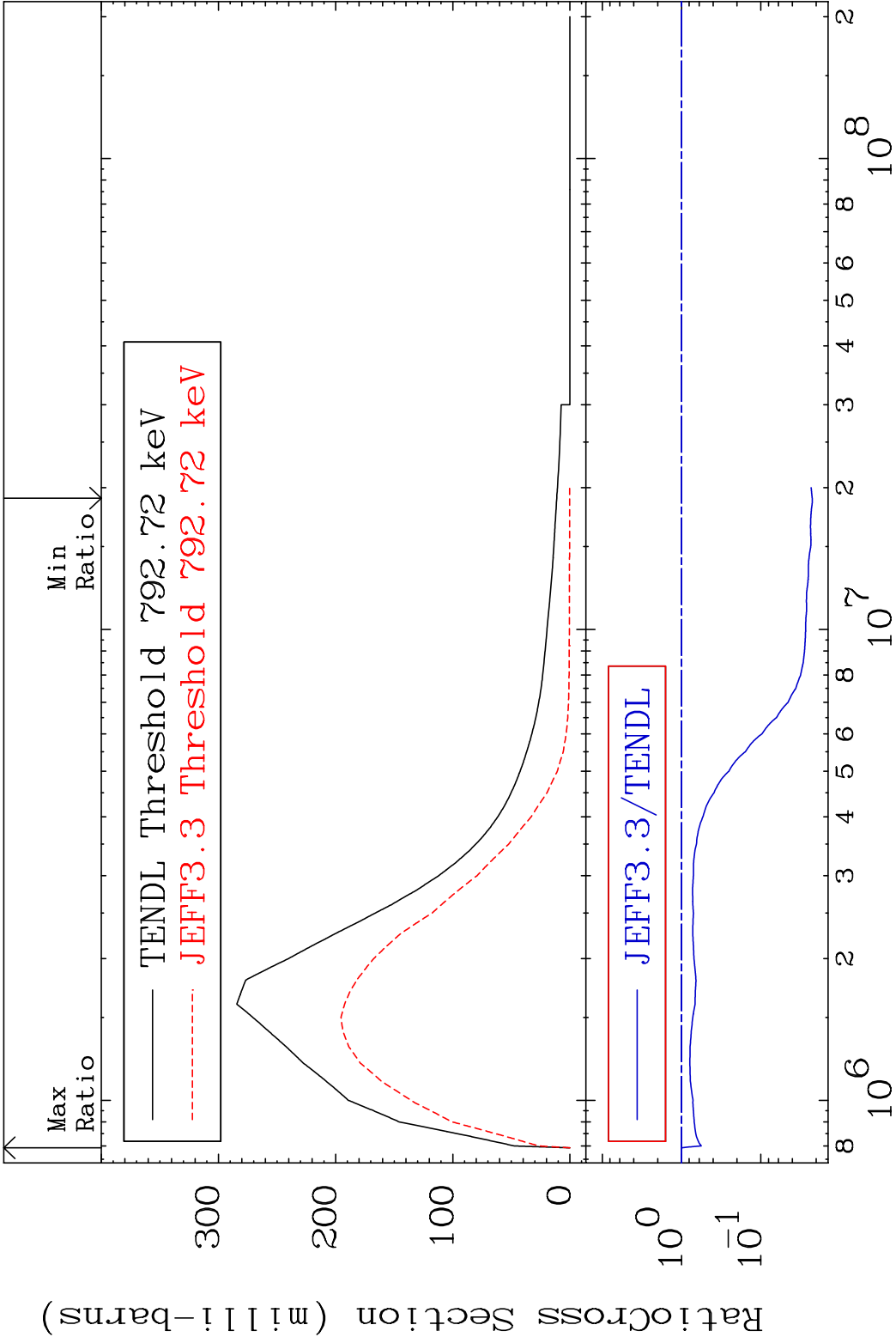
MAT 5531

MT= 54 (n,n') Level

55-Cs-135

Cross Section

-97.76 To 0.000 %

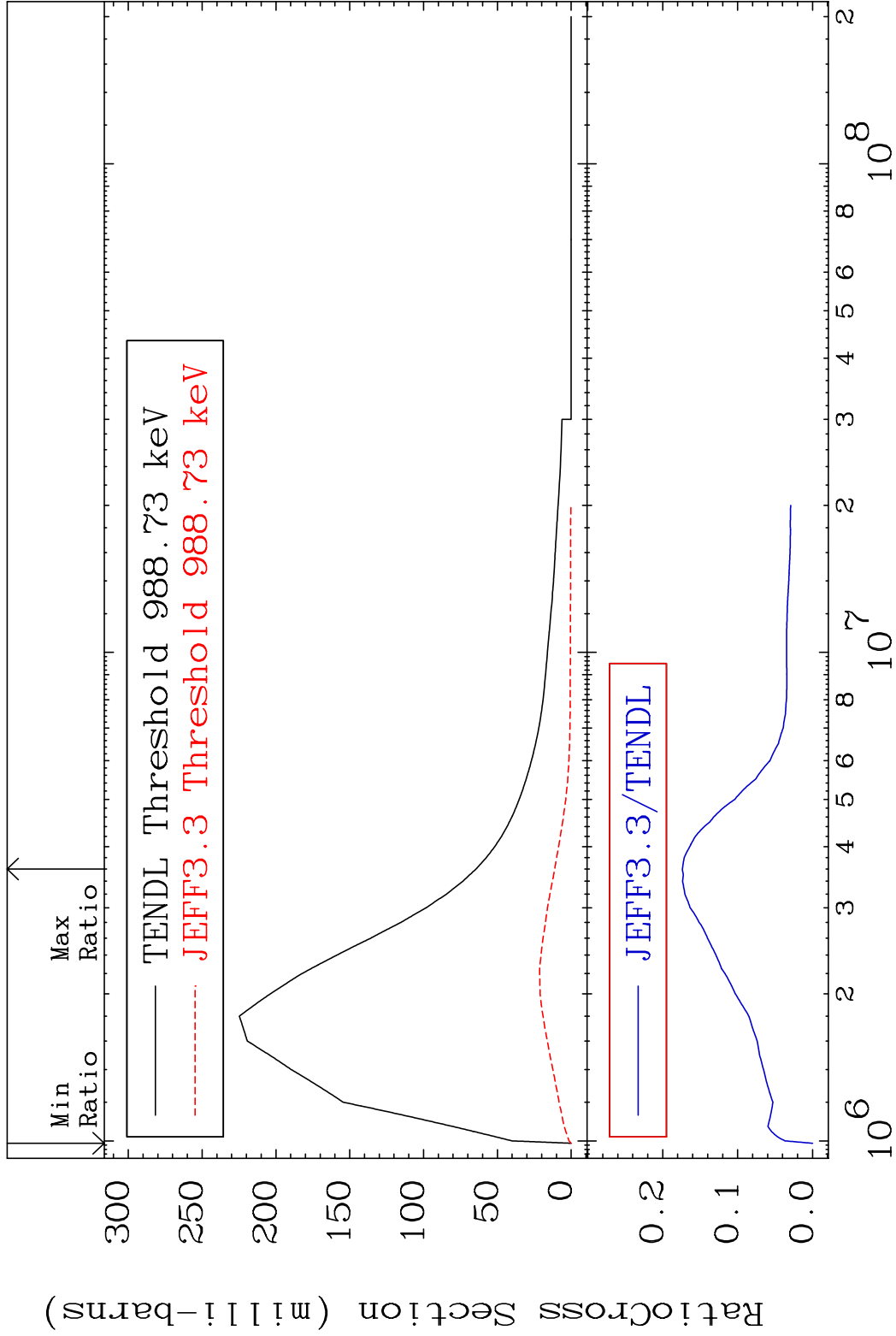


18

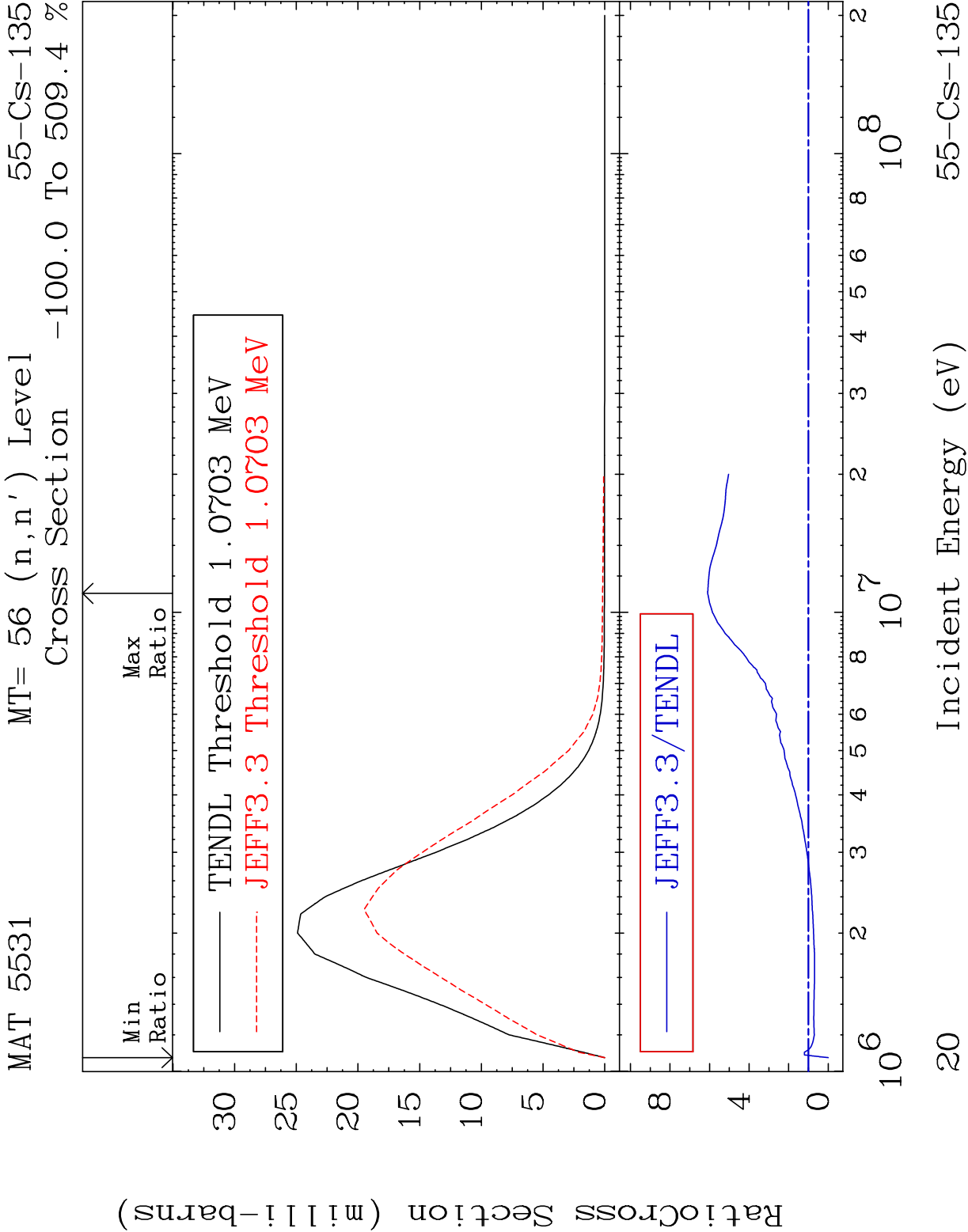
Incident Energy (eV)

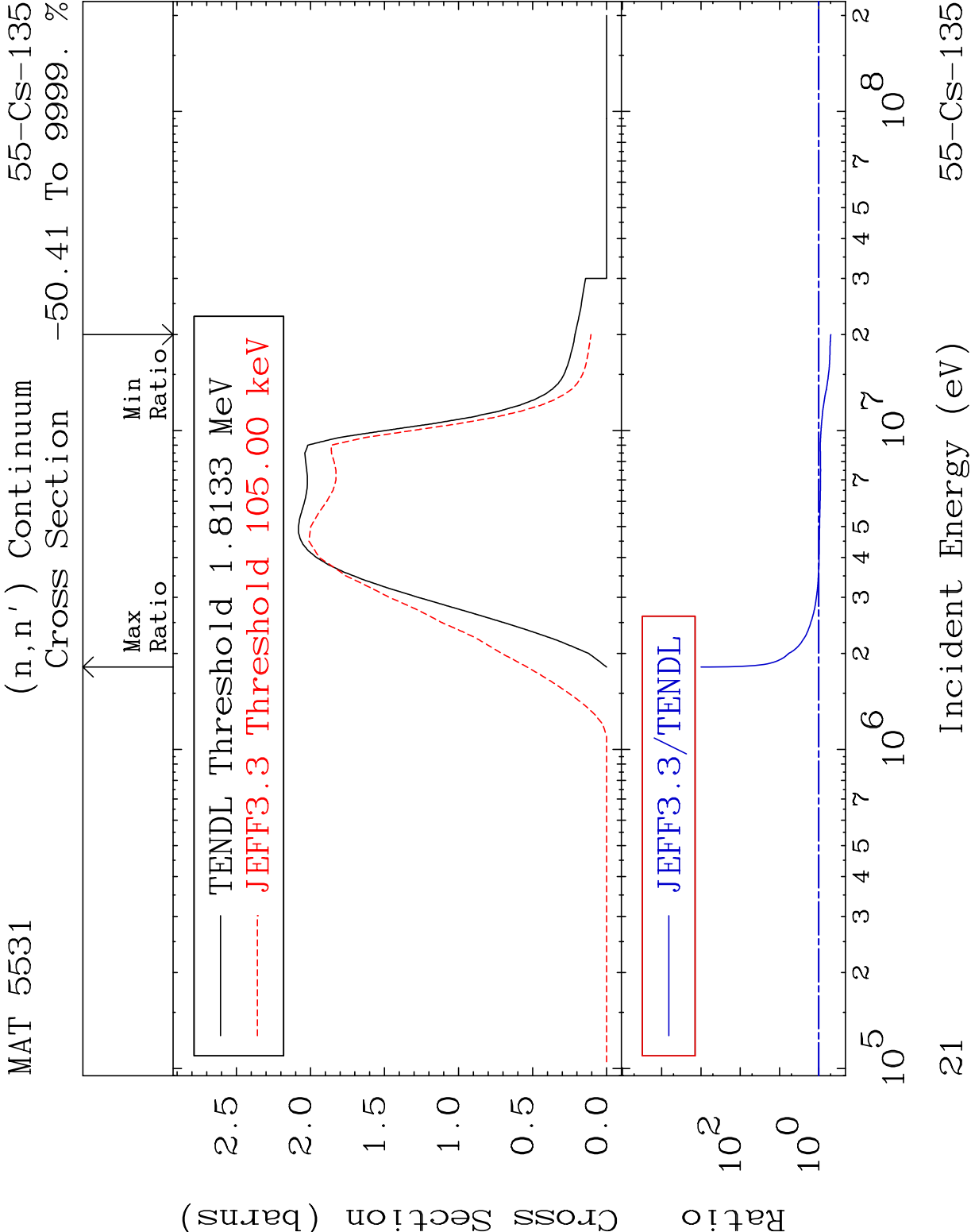
55-Cs-135

MAT 5531 MT= 55 (n,n') Level 55-Cs-135
Cross Section -100.0 To -82.62%



19 Incident Energy (eV) 55-Cs-135



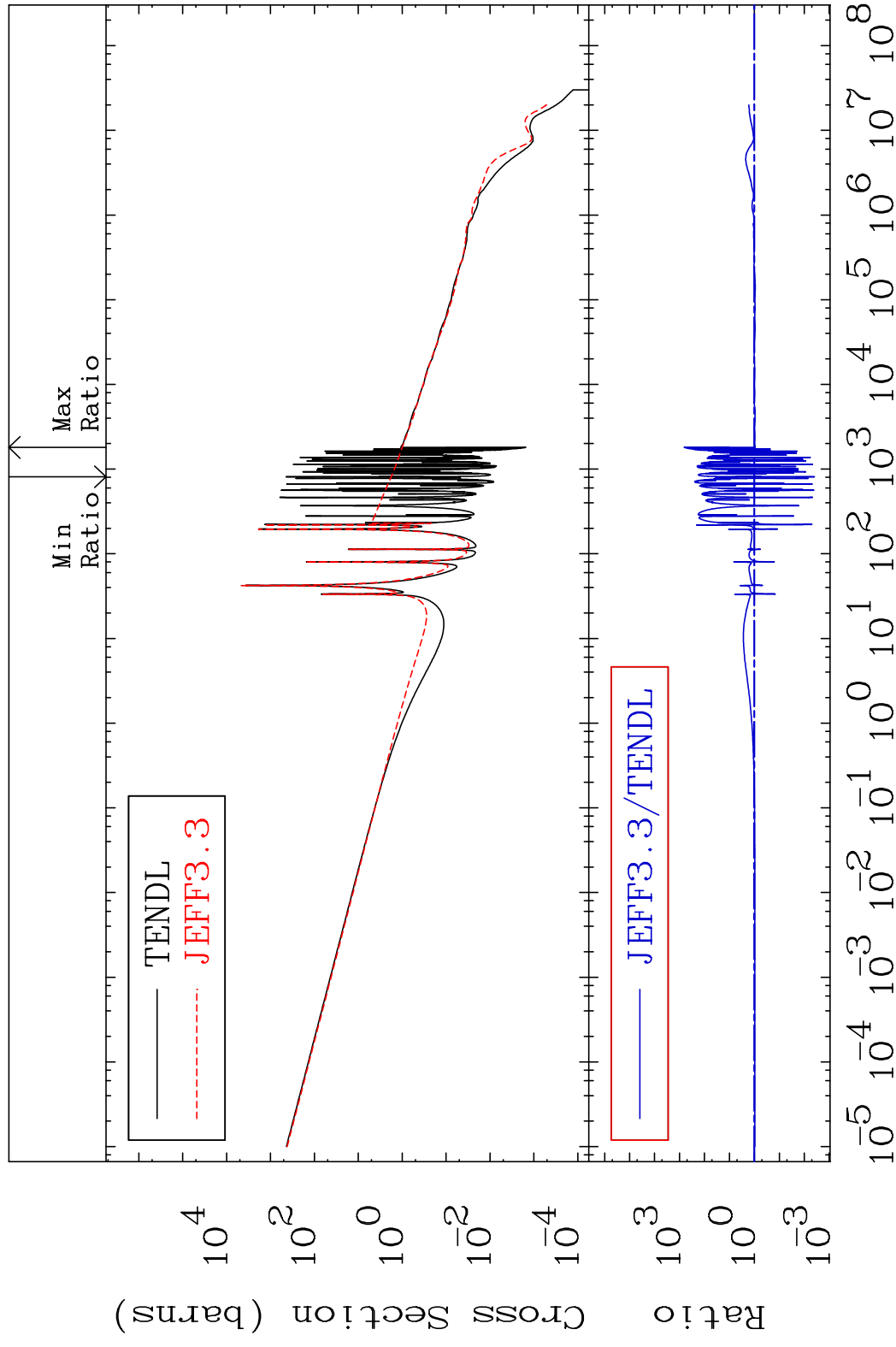


MAT 5531

$$(n, \gamma)$$

55-CS-135

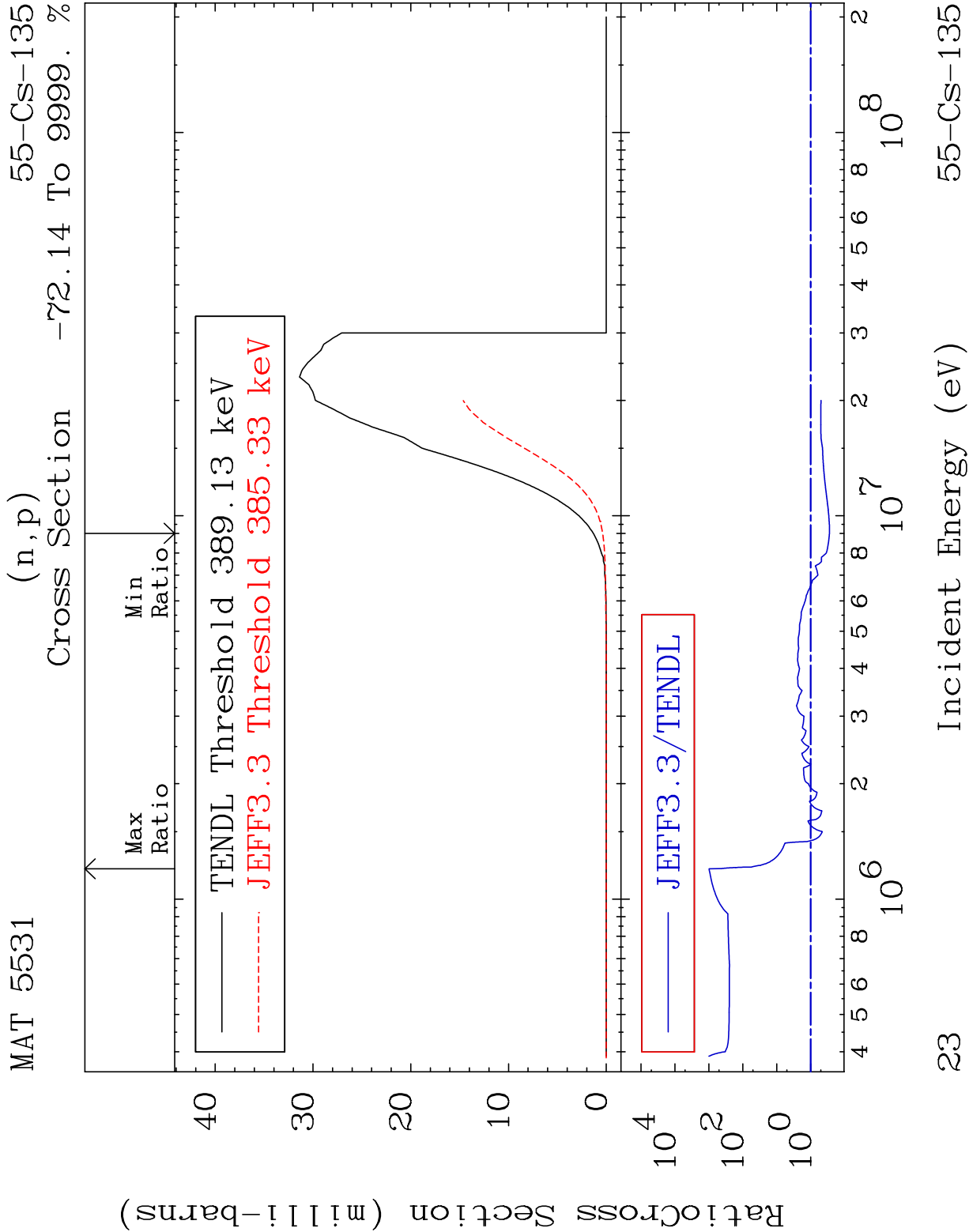
Cross Section -99.60 To 9999. %

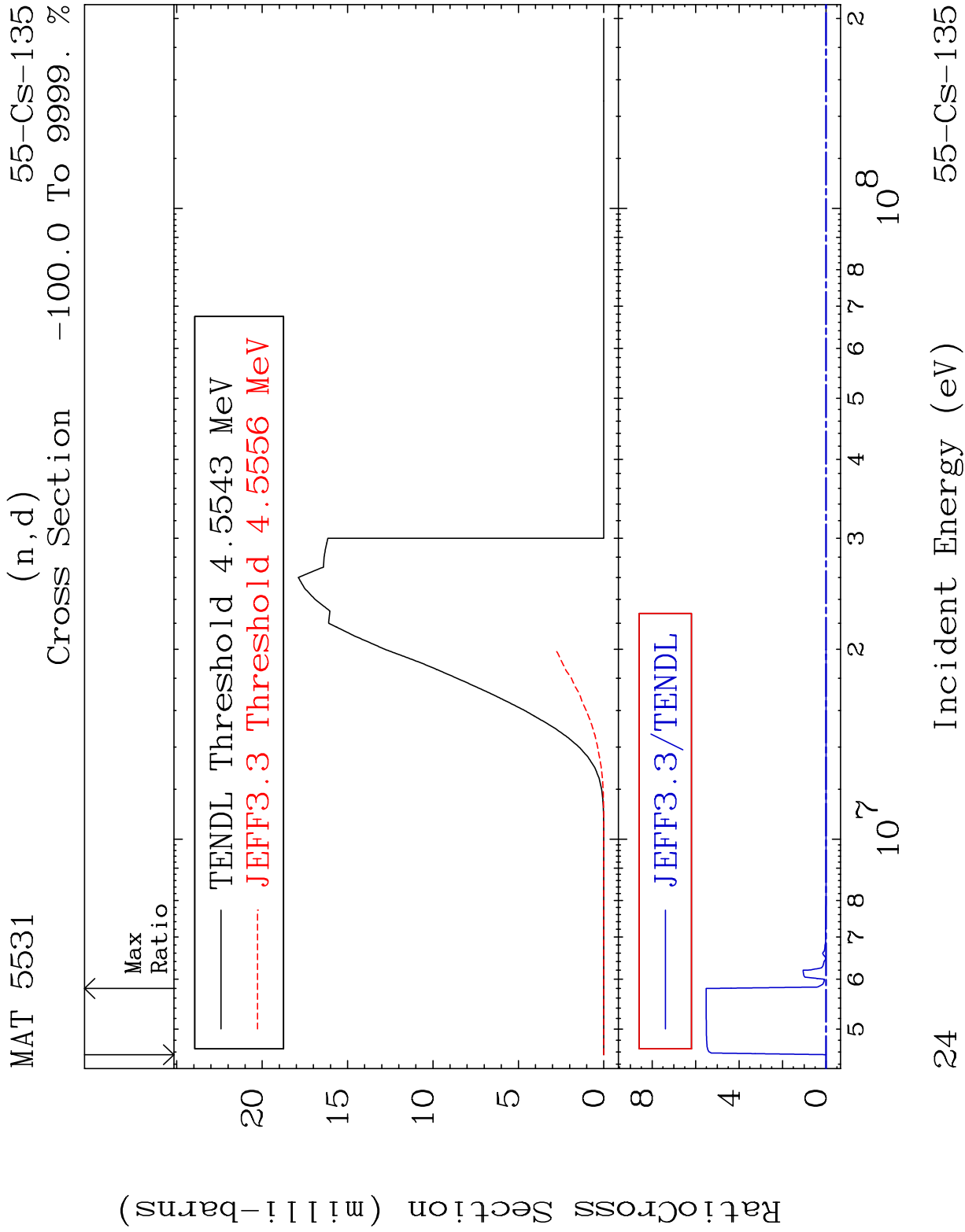


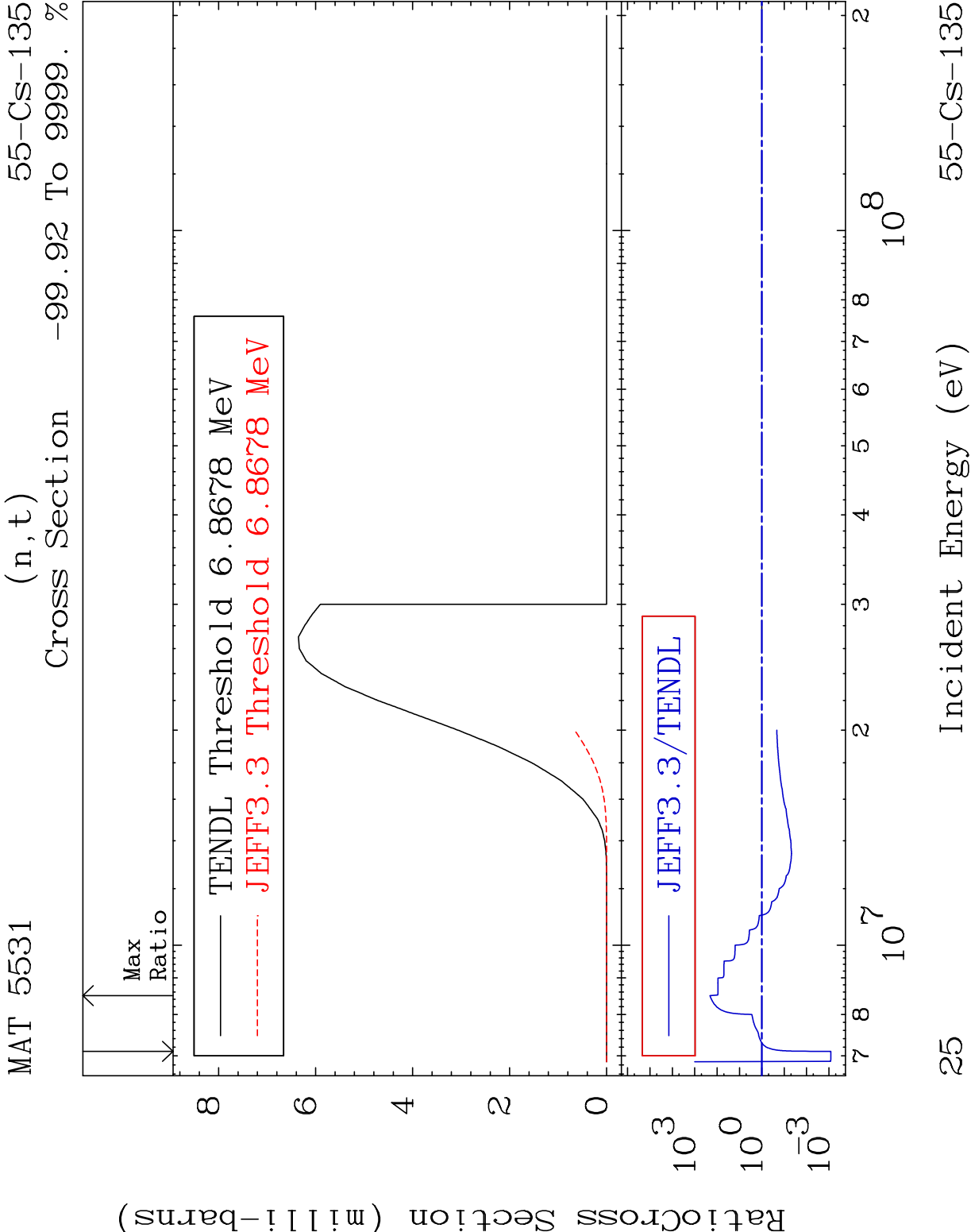
22

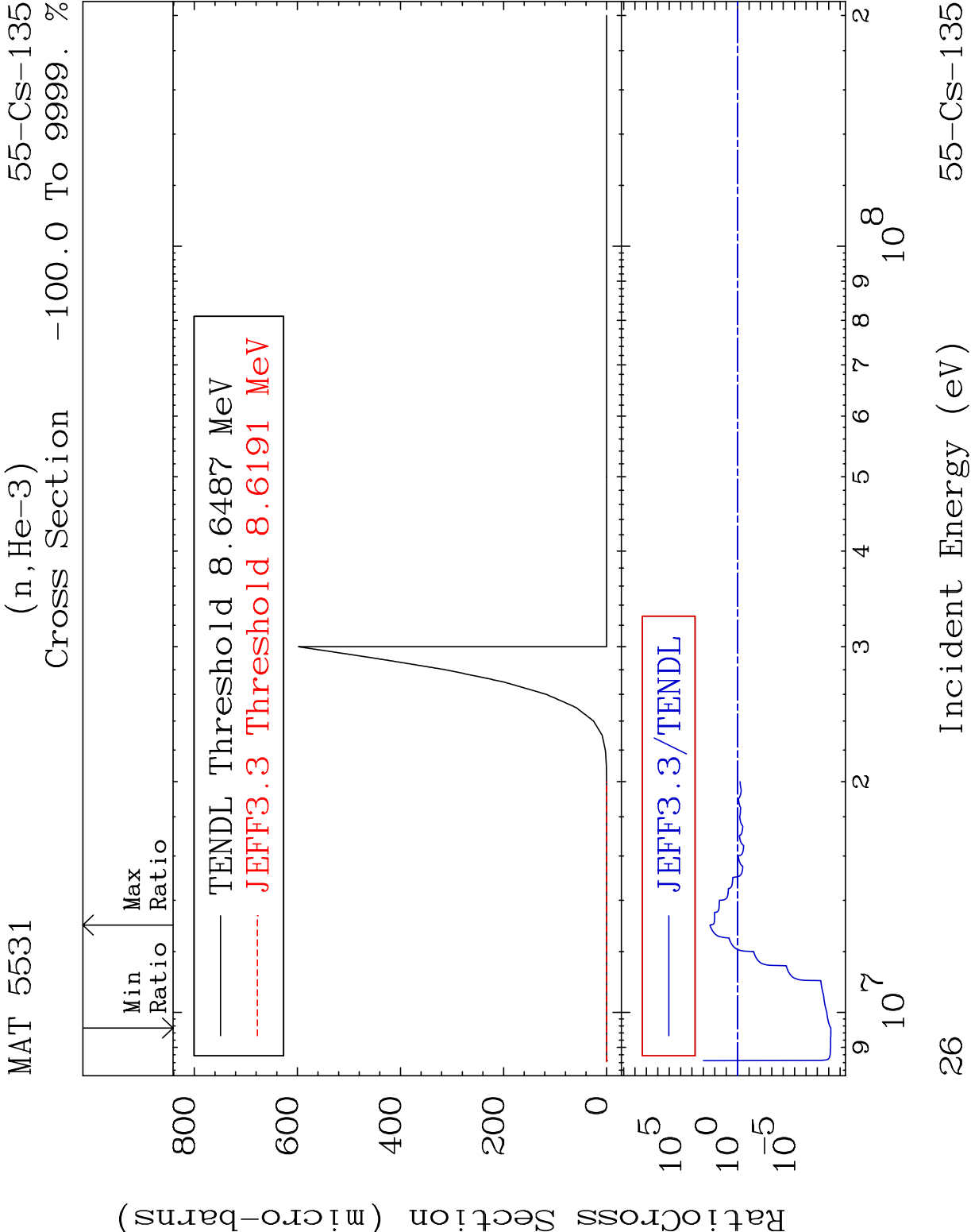
Incident Energy (eV)

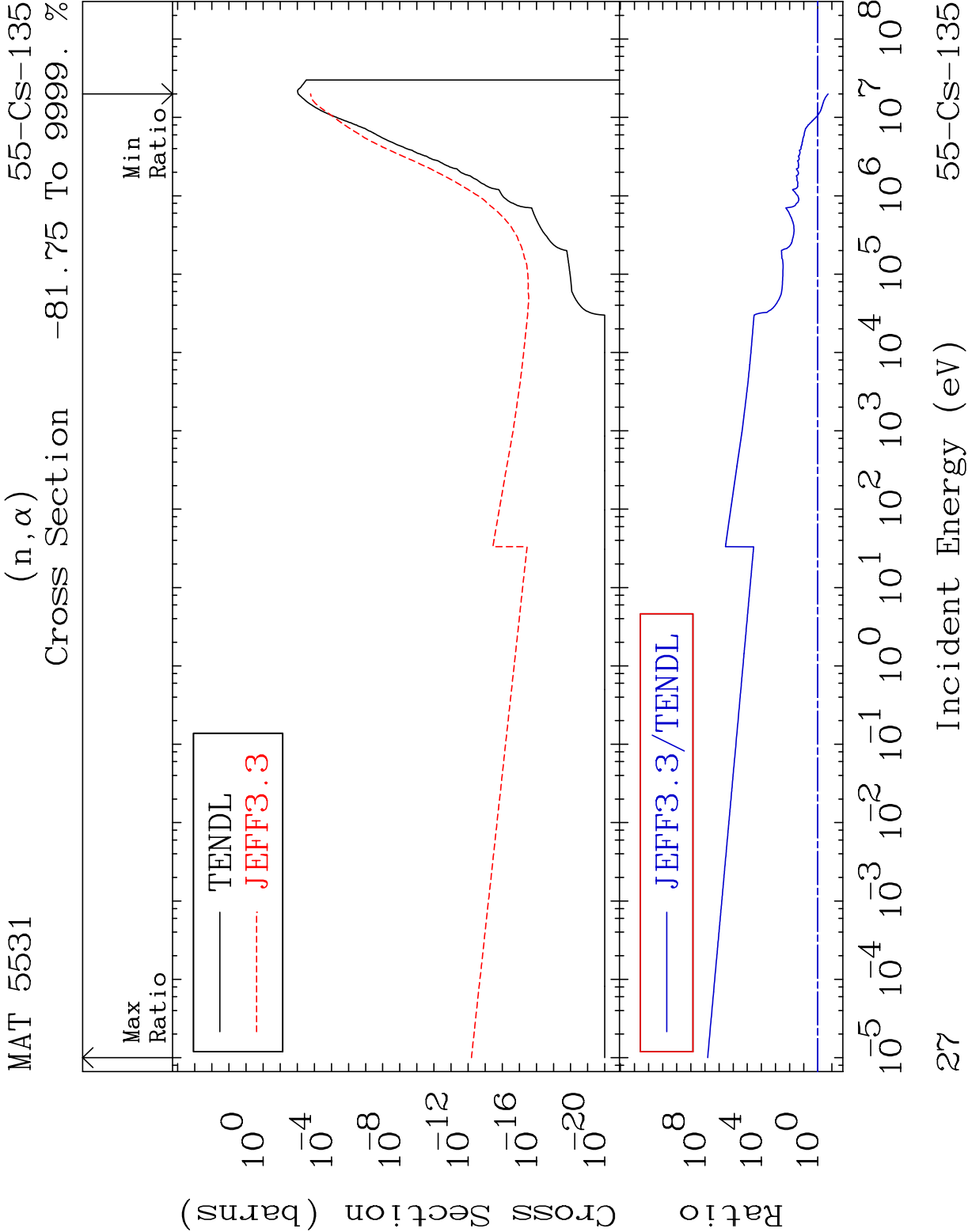
55-CS-135









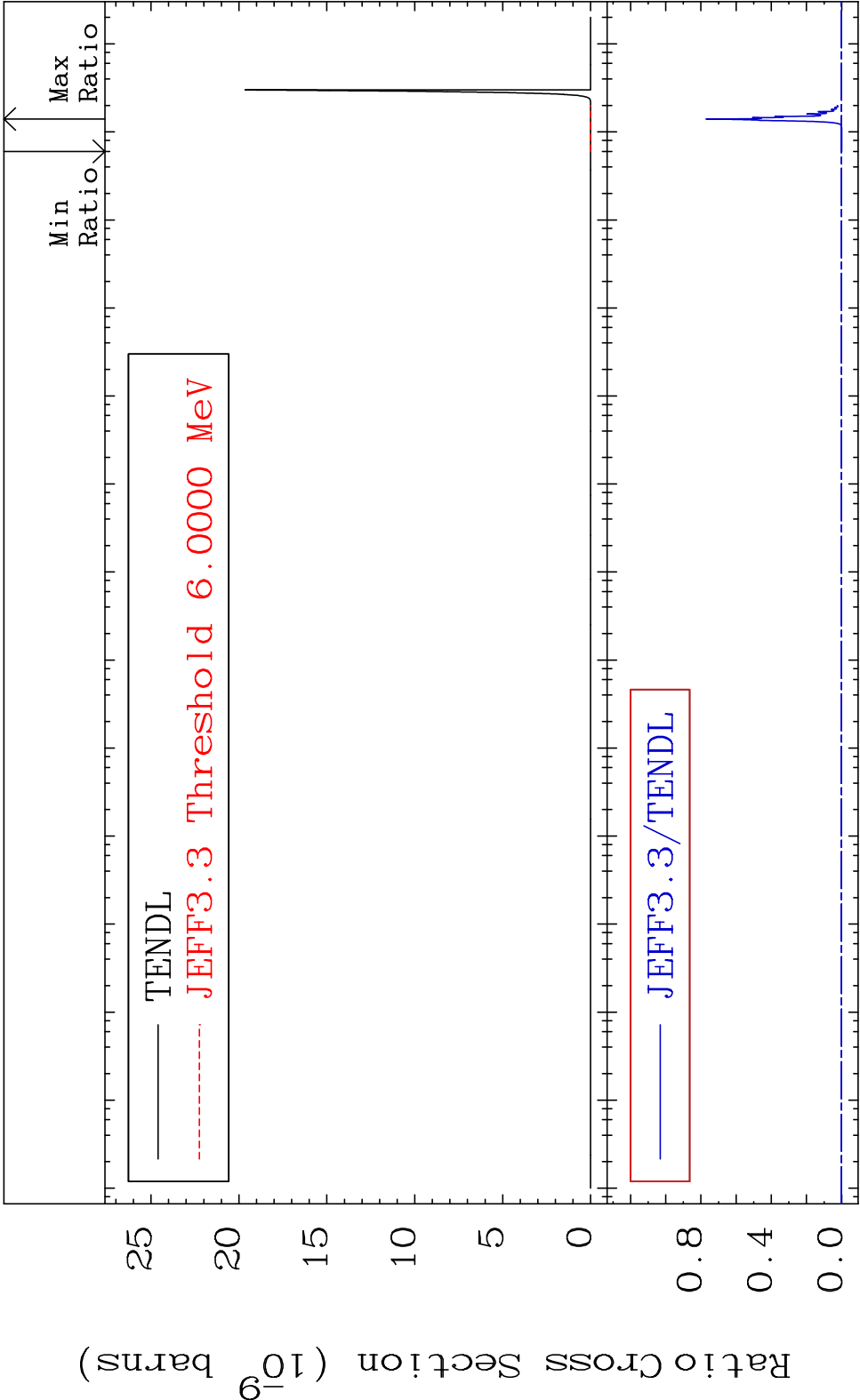


MAT 5531

(n,2α)

55-Cs-135

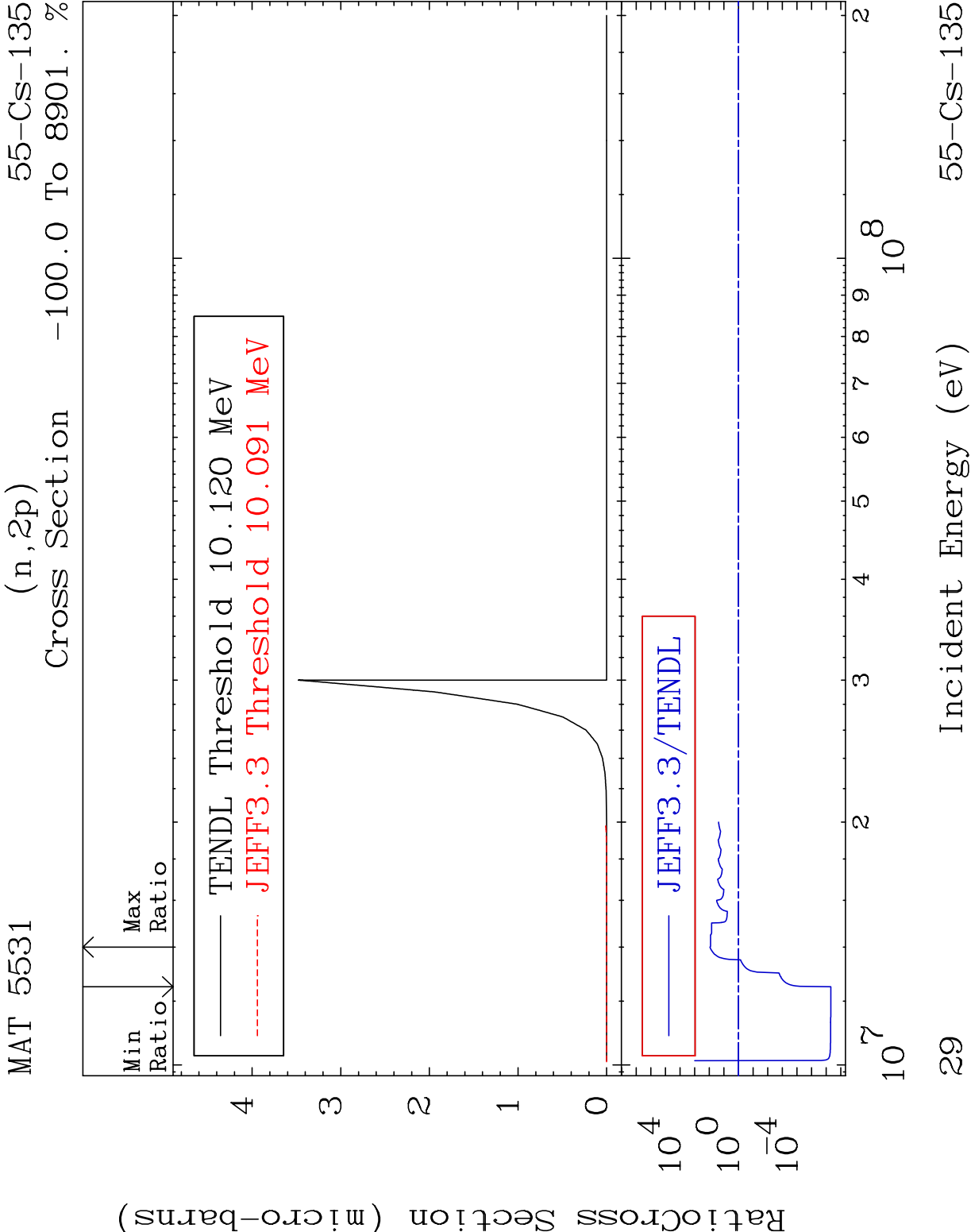
Cross Section -100.0 To 9999. %

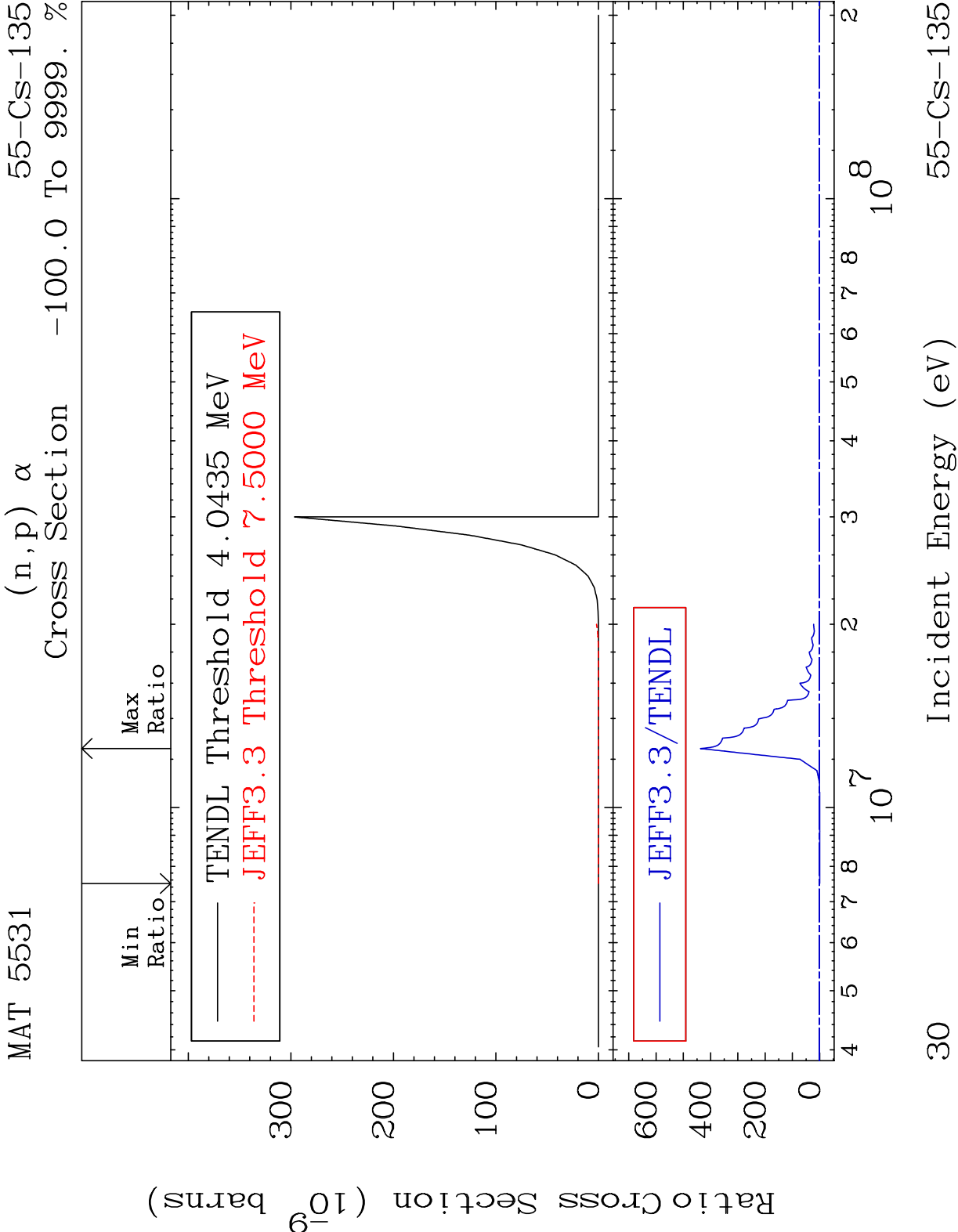


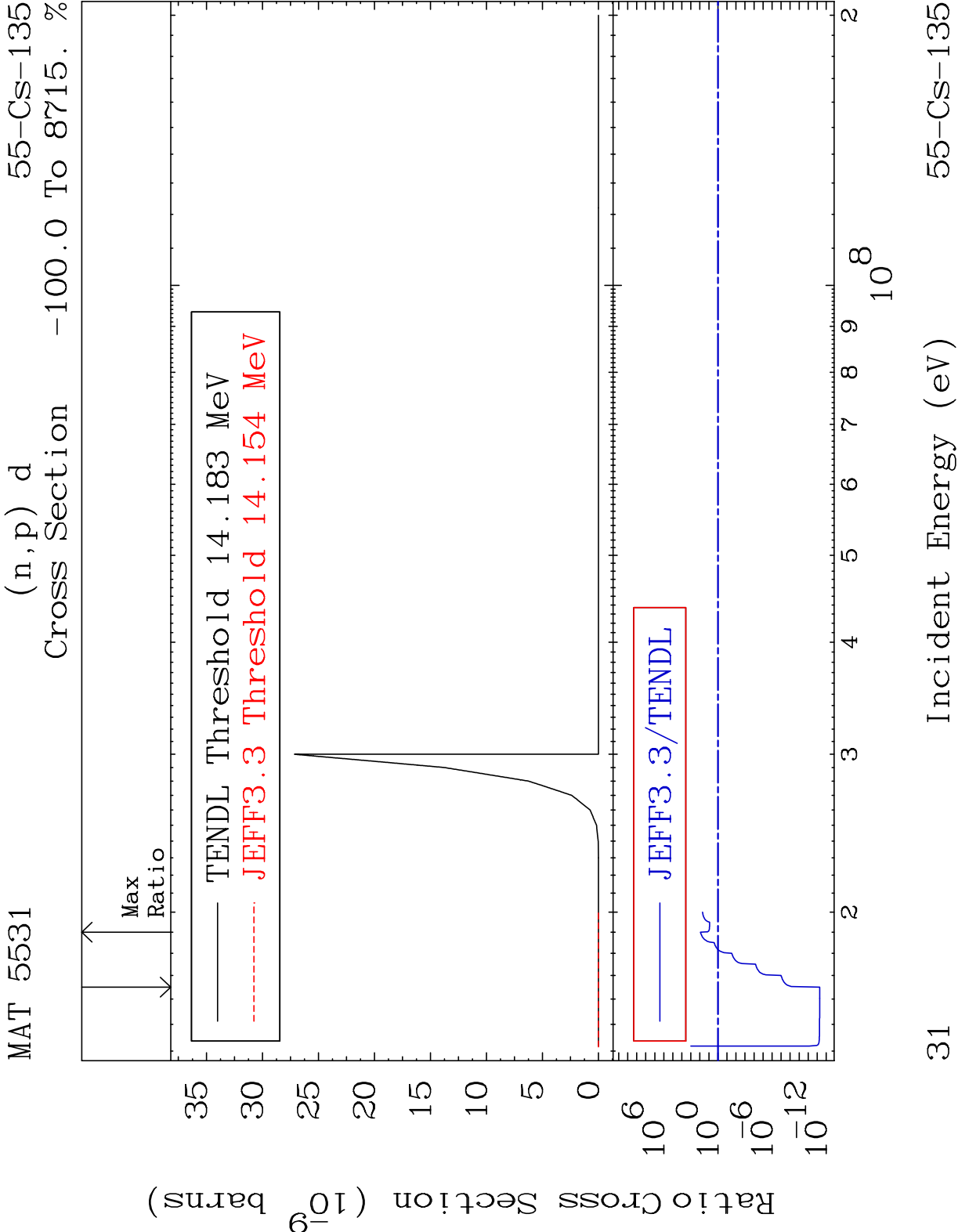
28

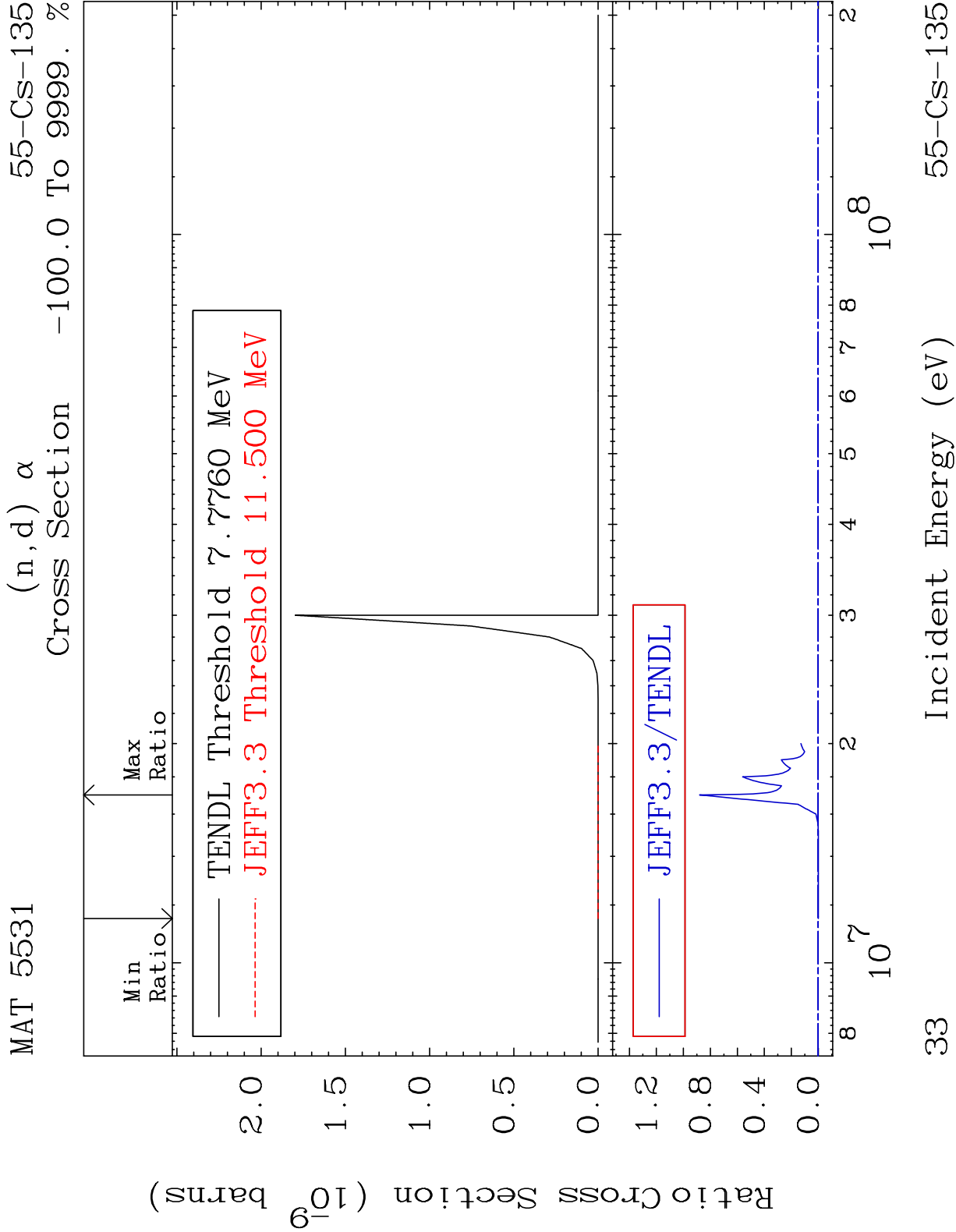
Incident Energy (eV)

55-Cs-135



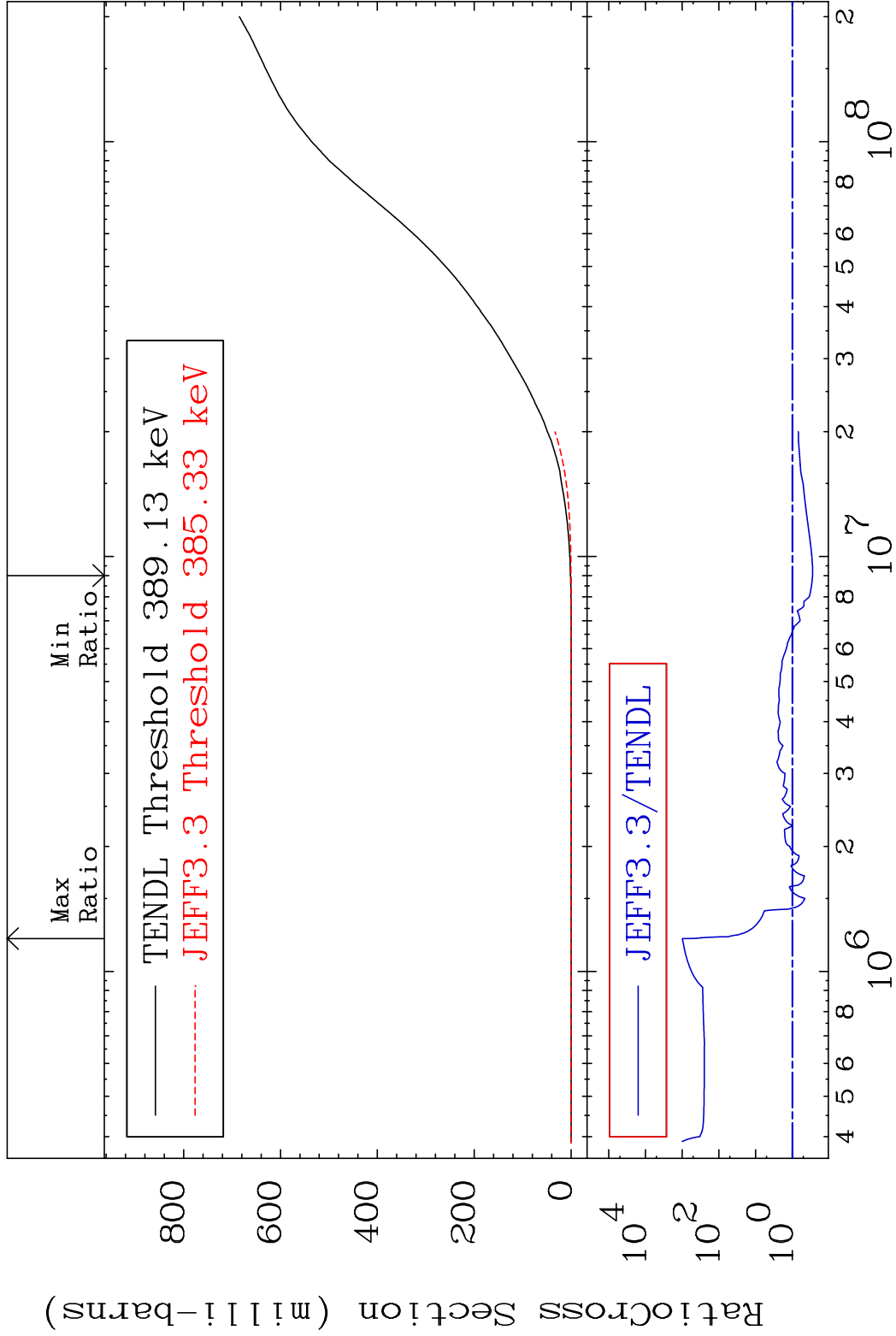




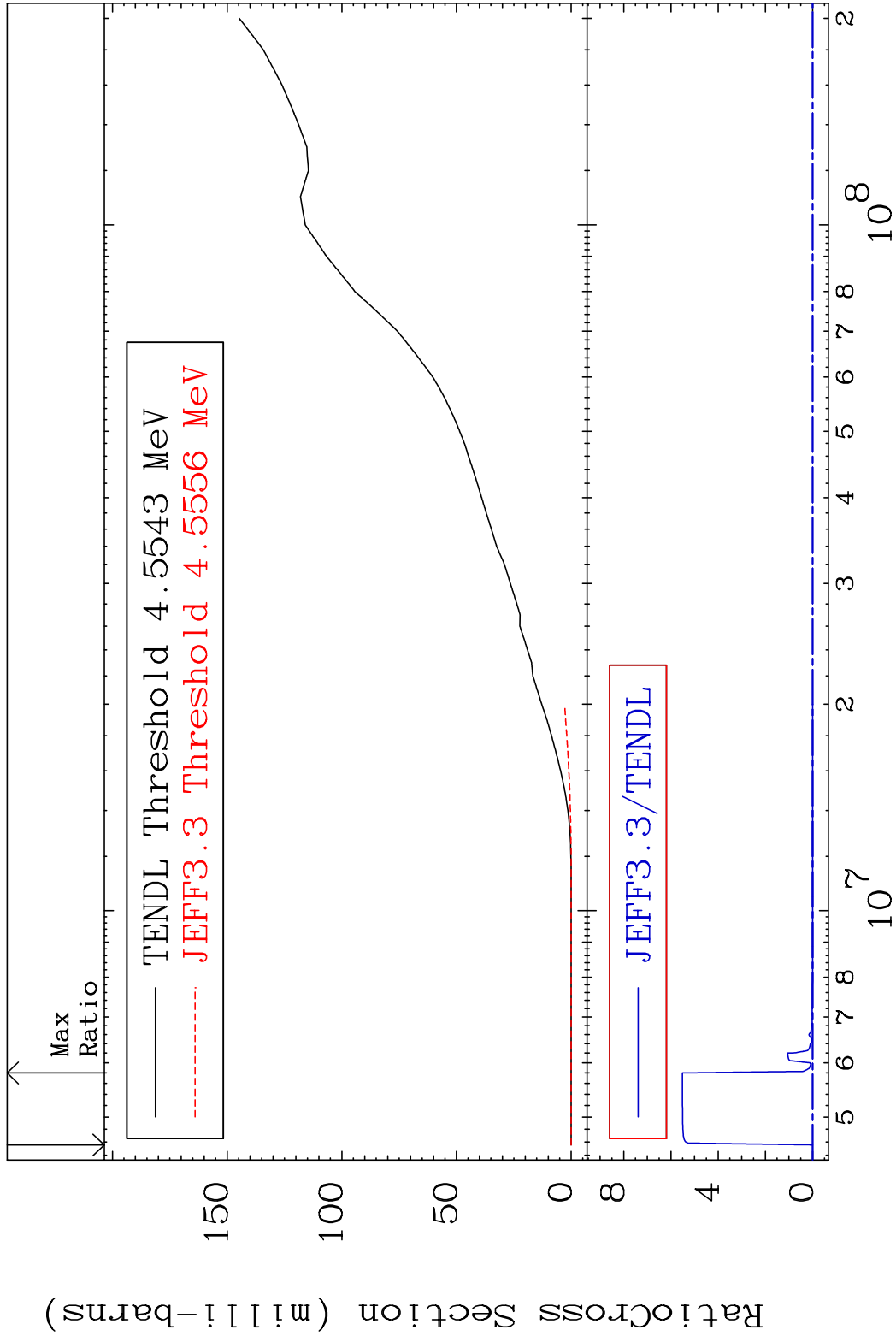


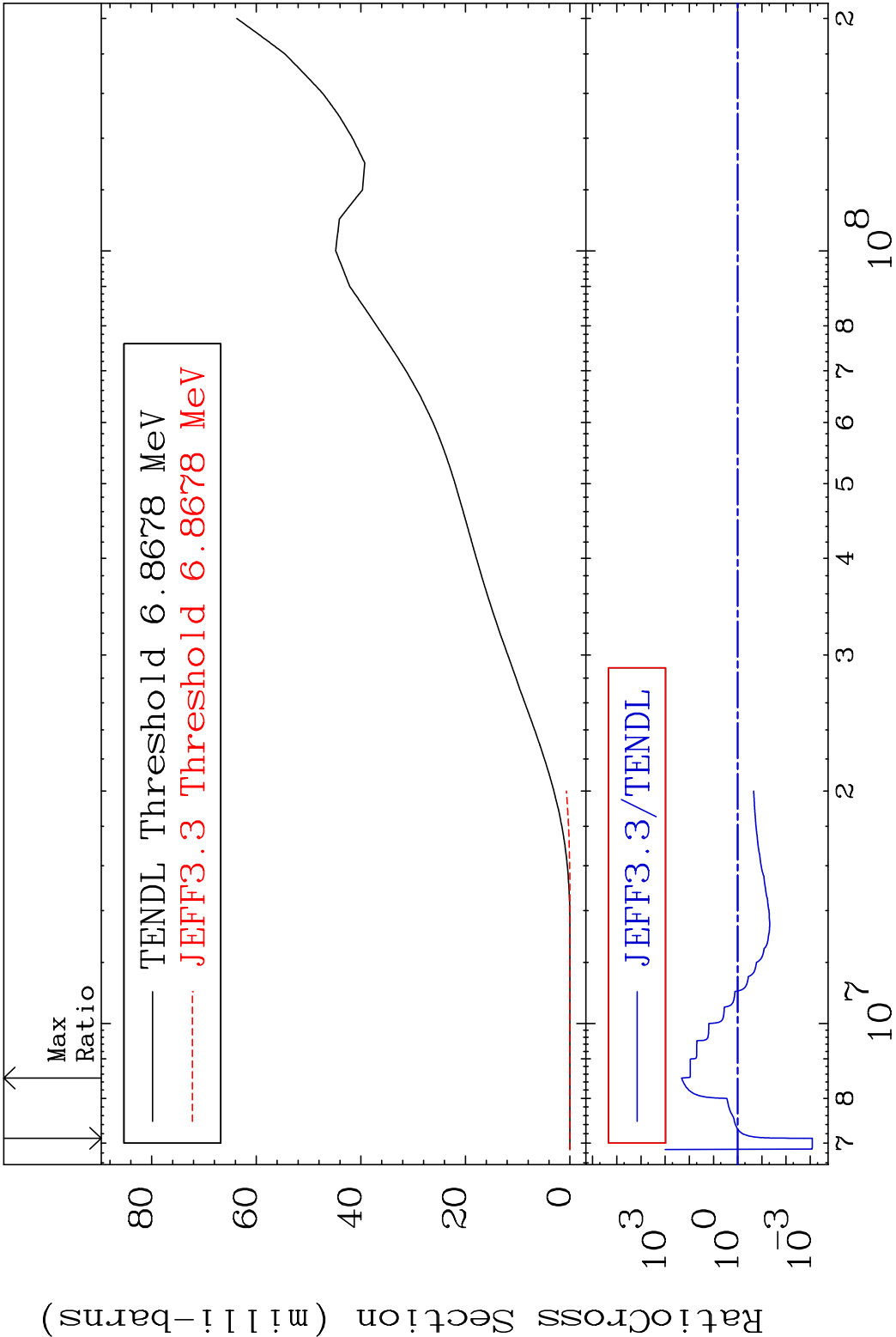
33

55-Cs-135

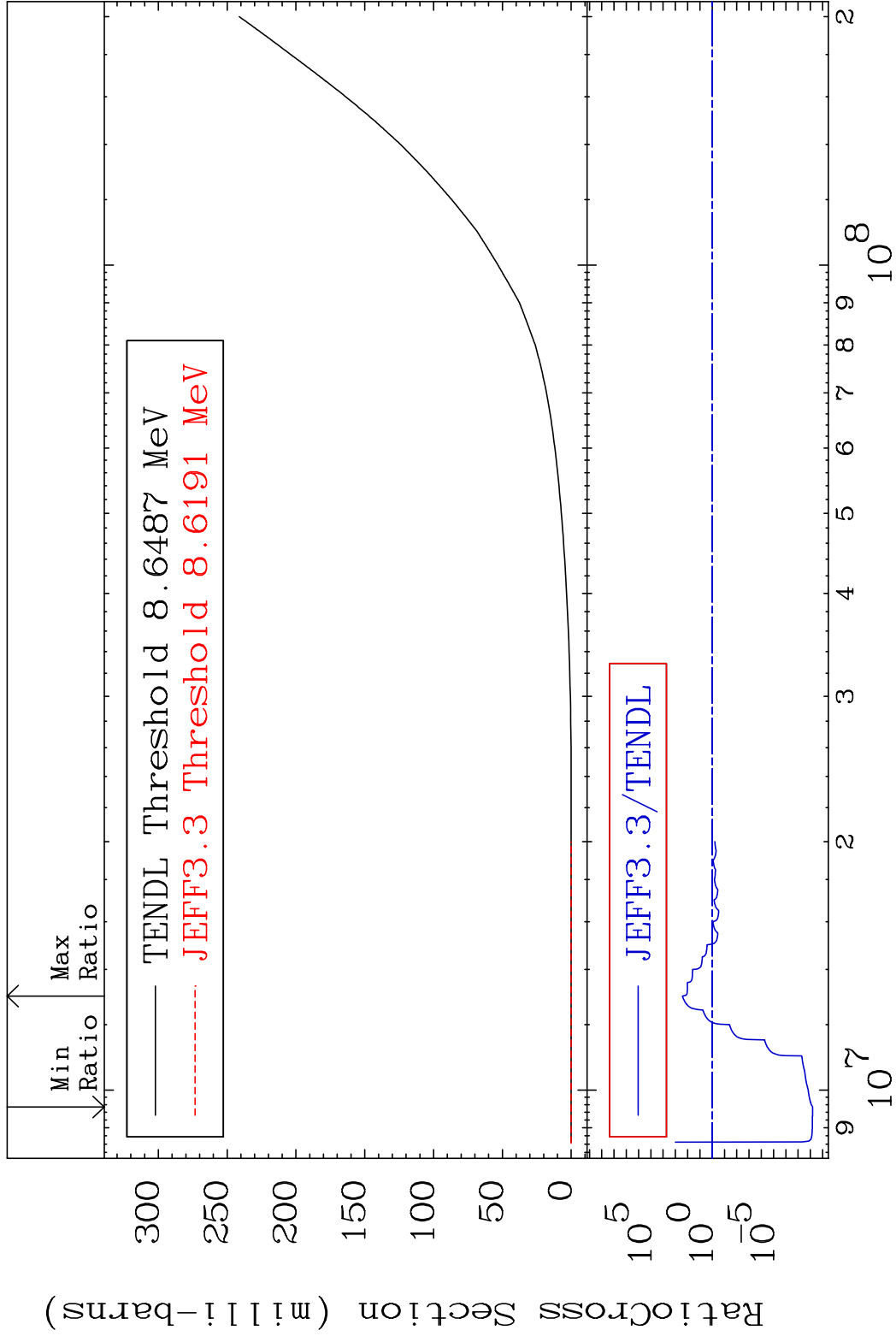


MAT 5531 Deuterium Production 55-Cs-135
 Cross Section -100.0 To 9999. %

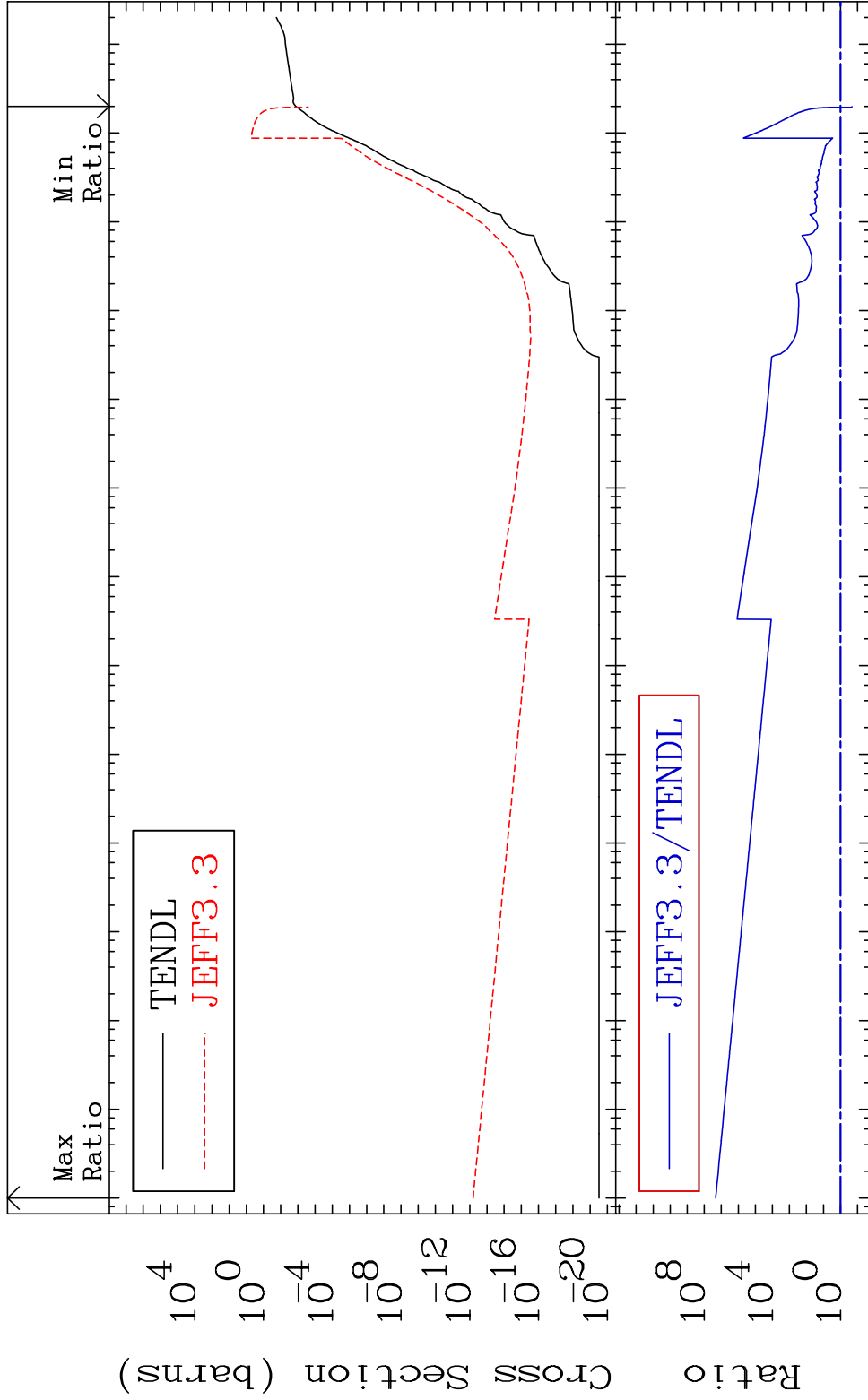


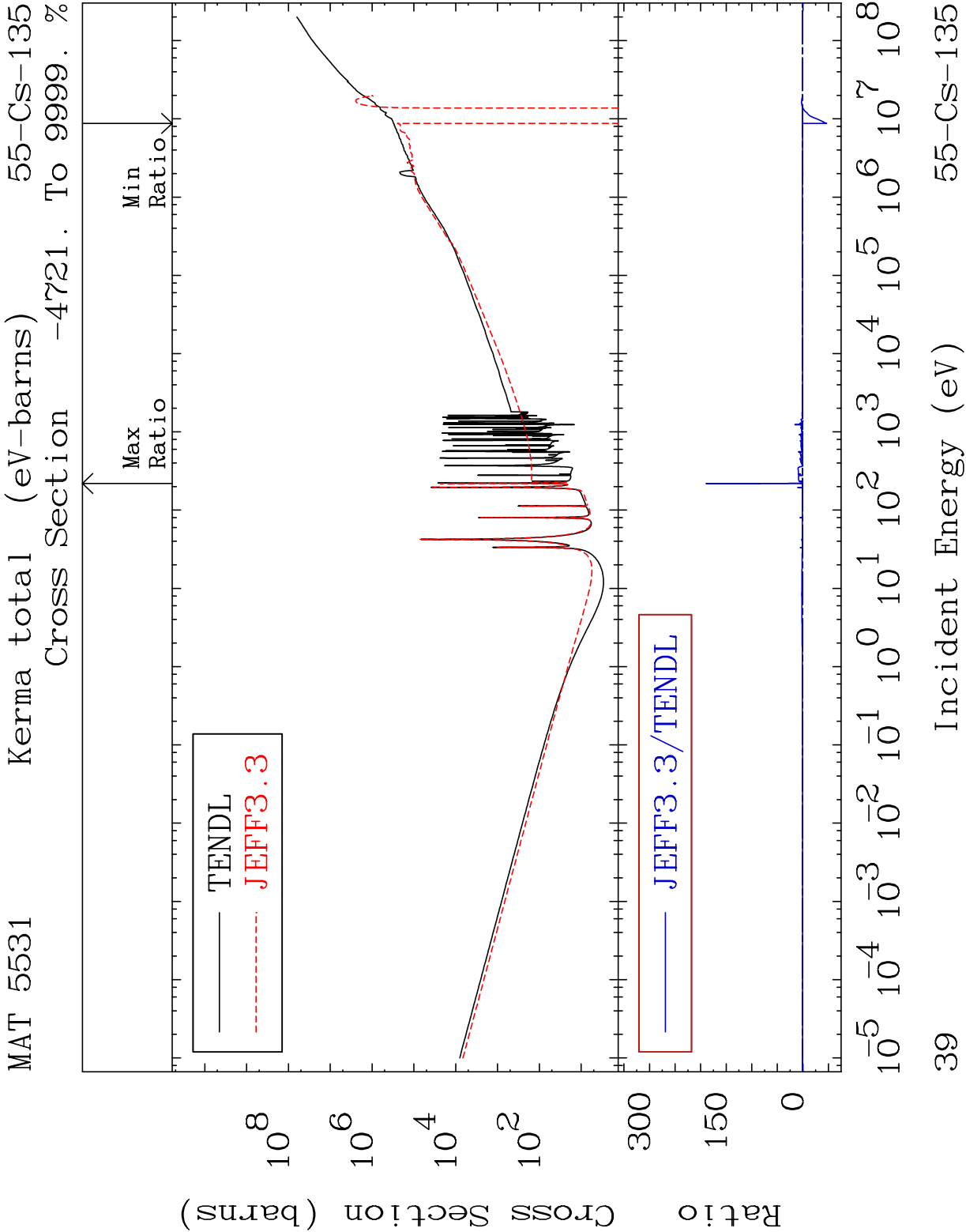


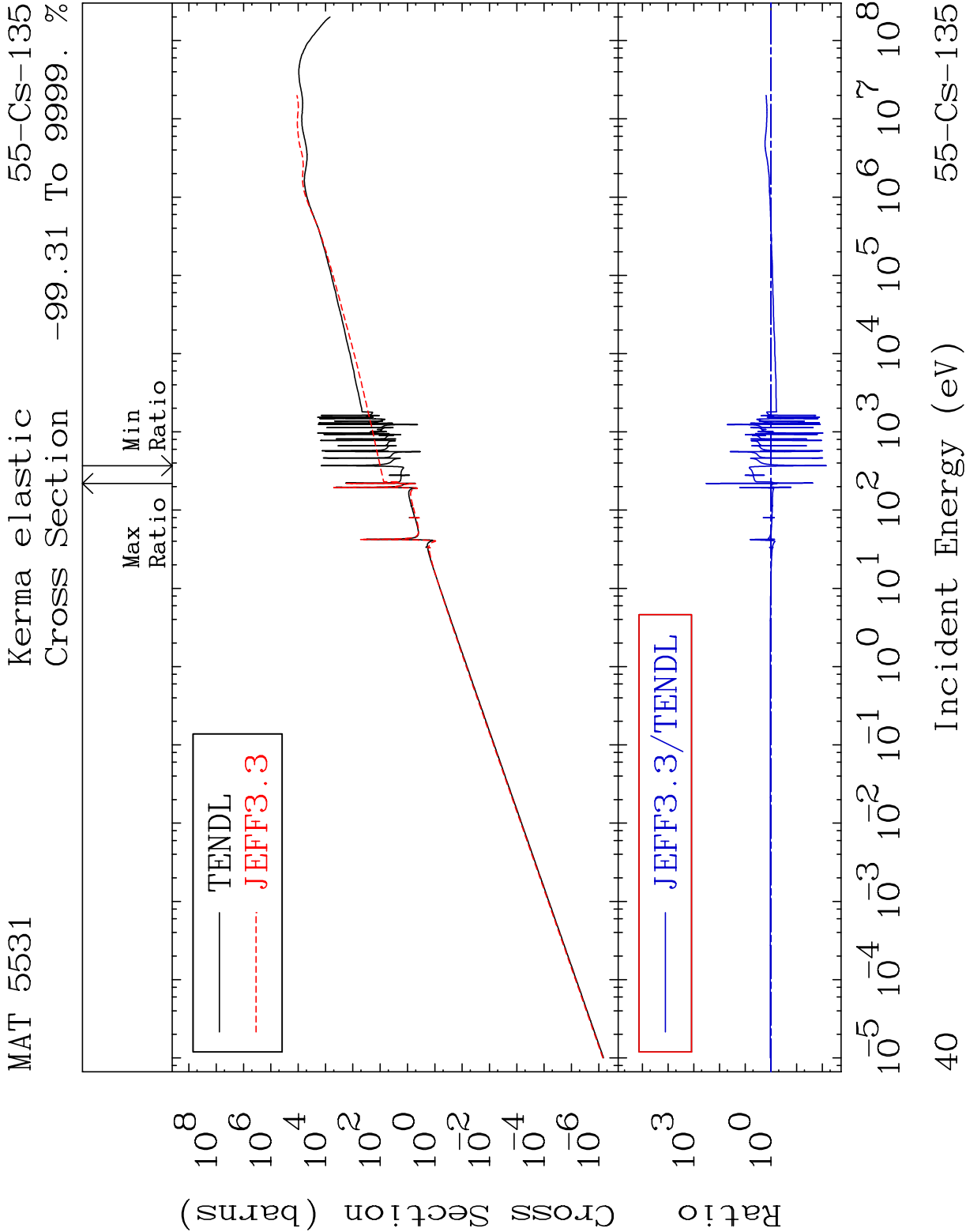
MAT 5531 He-3 Production 55-Cs-135
Cross Section -100.0 To 9999. %



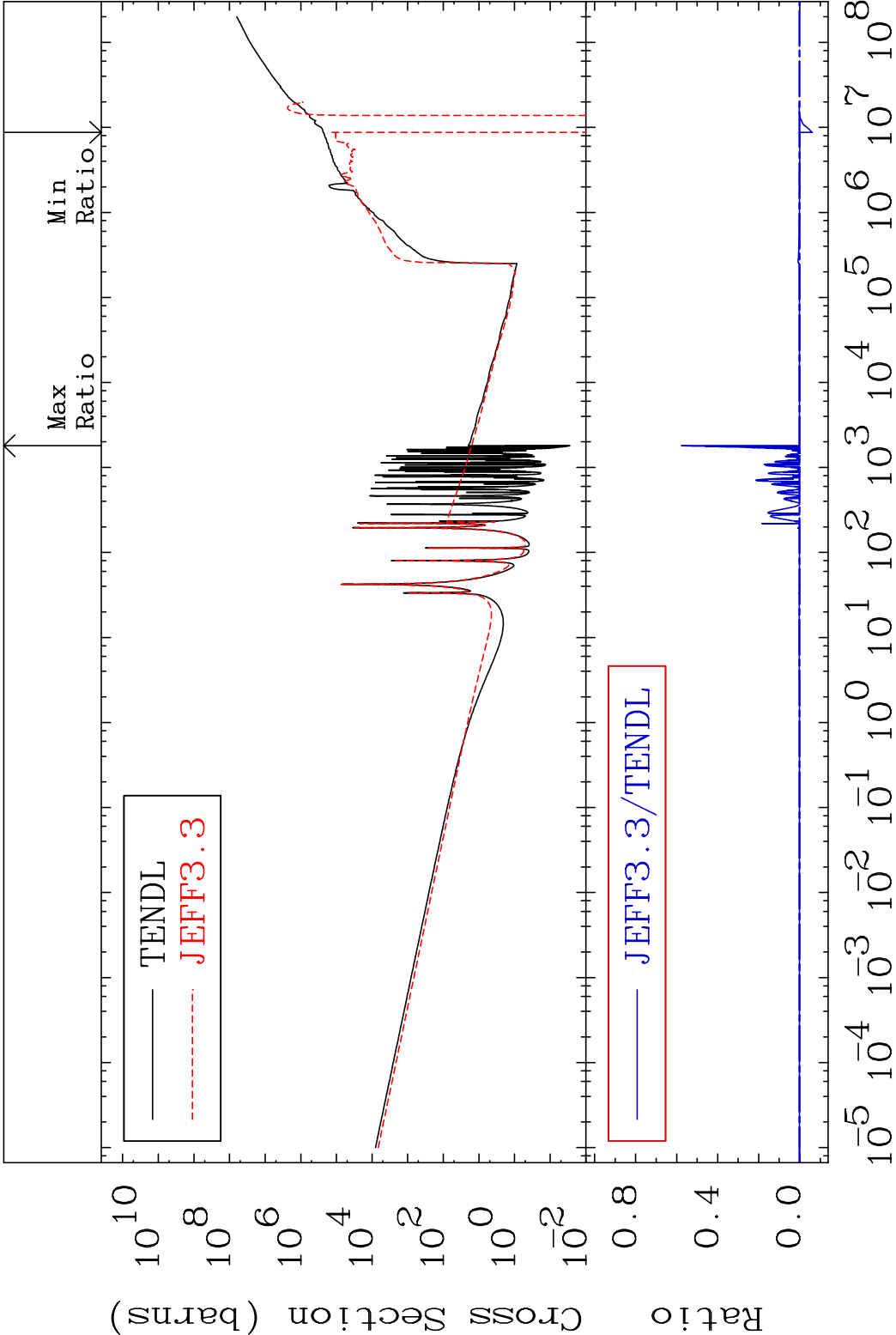
MAT 5531 He-4 Production 55-Cs-135
Cross Section -79.50 To 9999. %

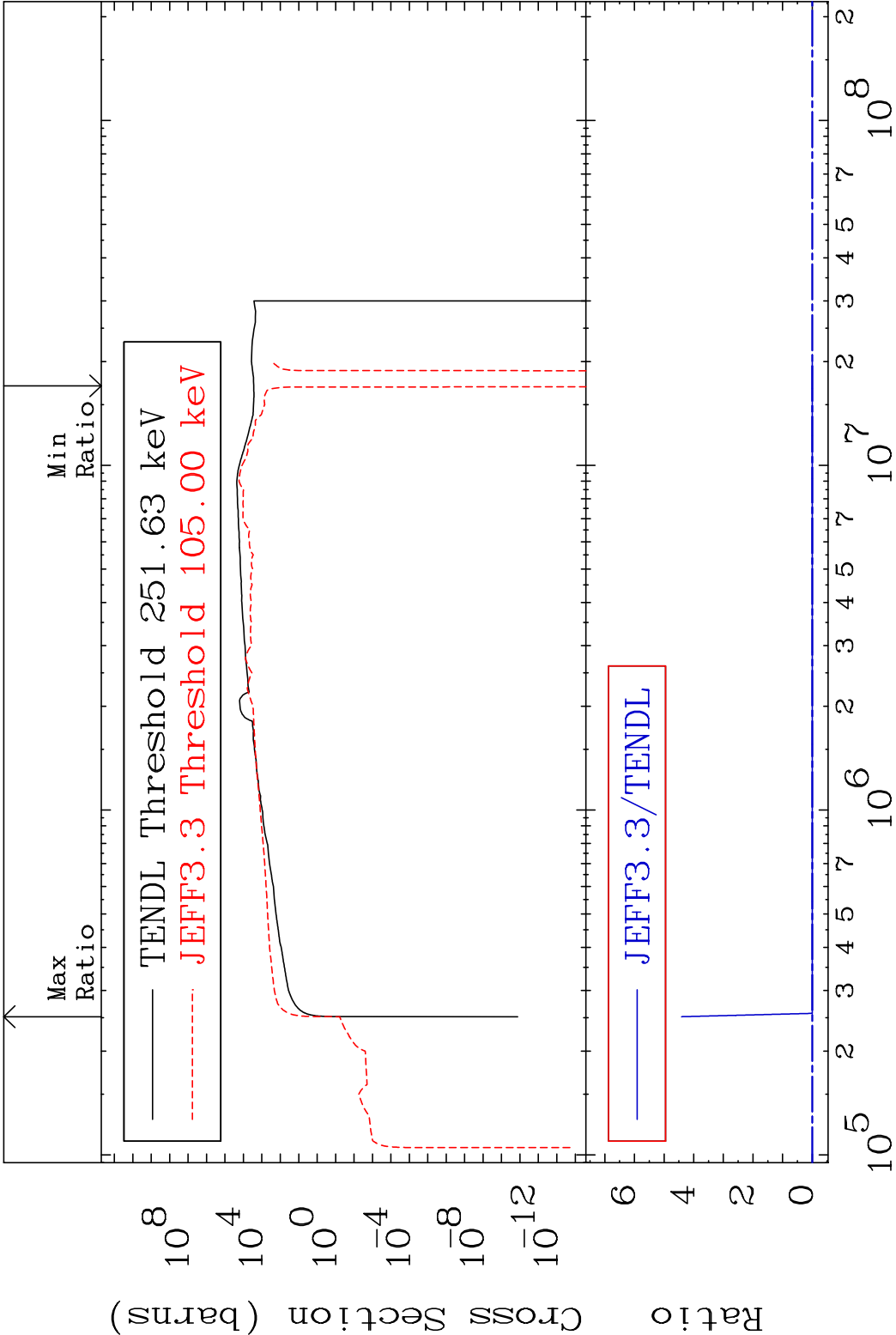




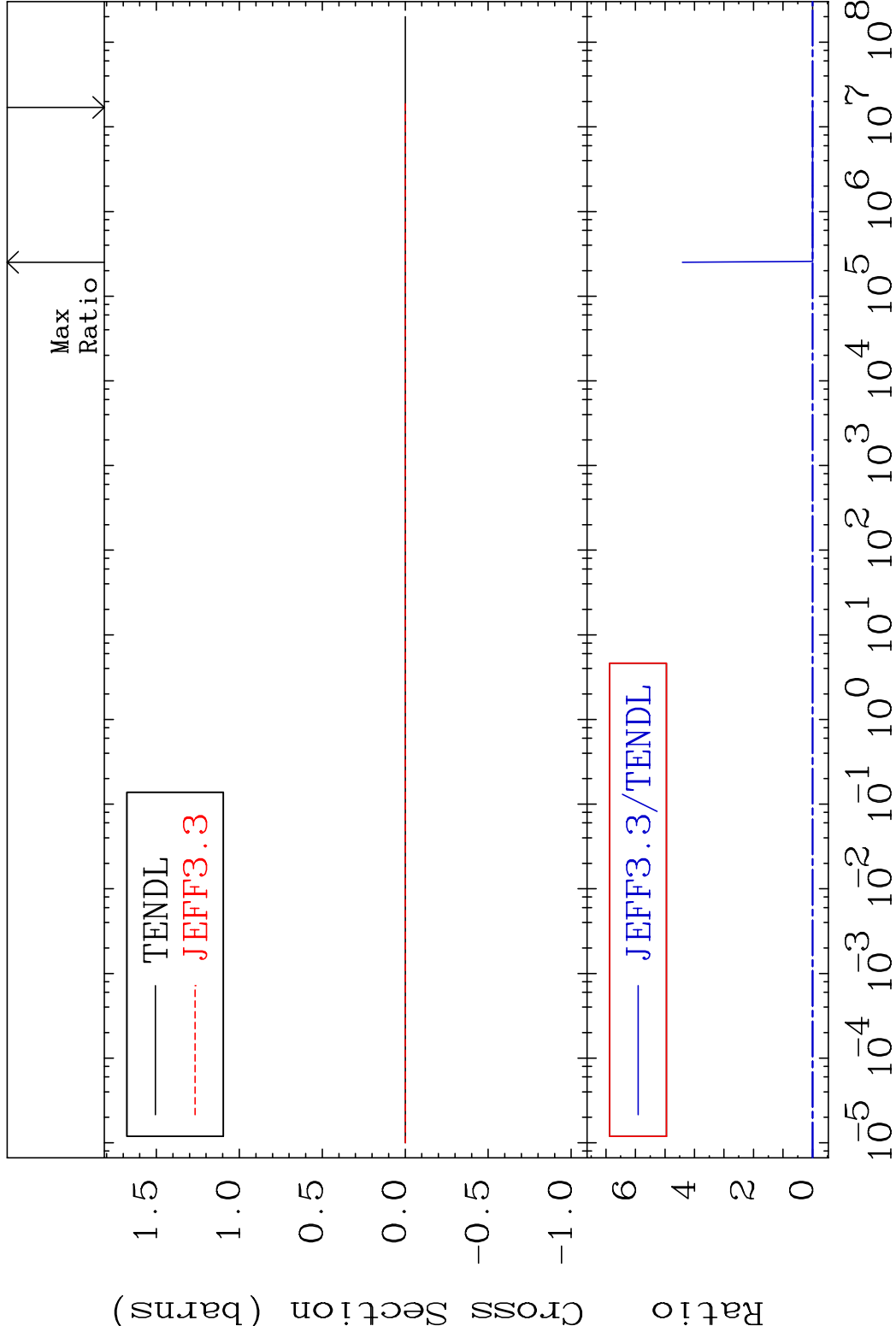


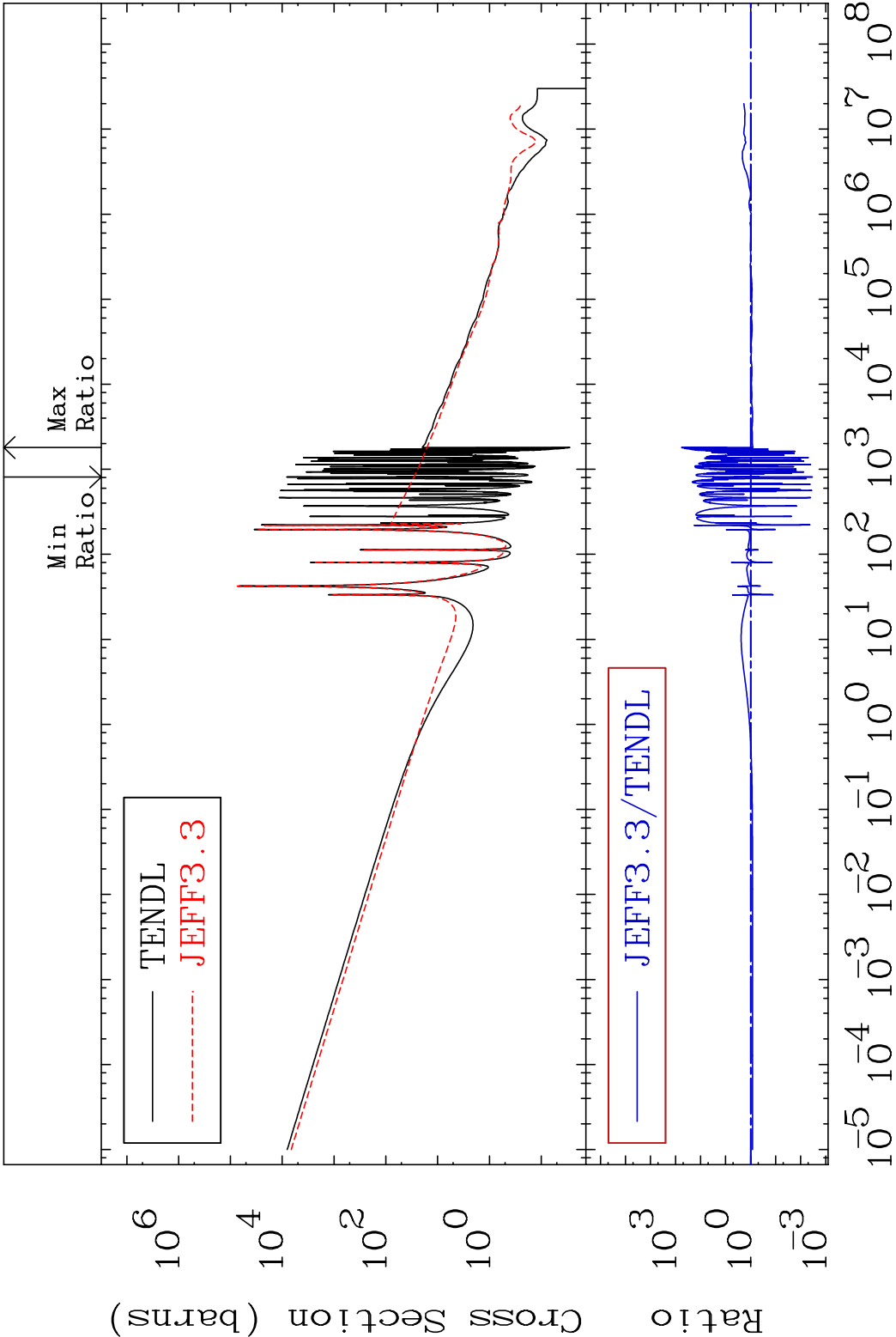
MAT 5531 Kerma non-elastic (all but mt2) 55-Cs-135
 Cross Section -6220. To 9999. %

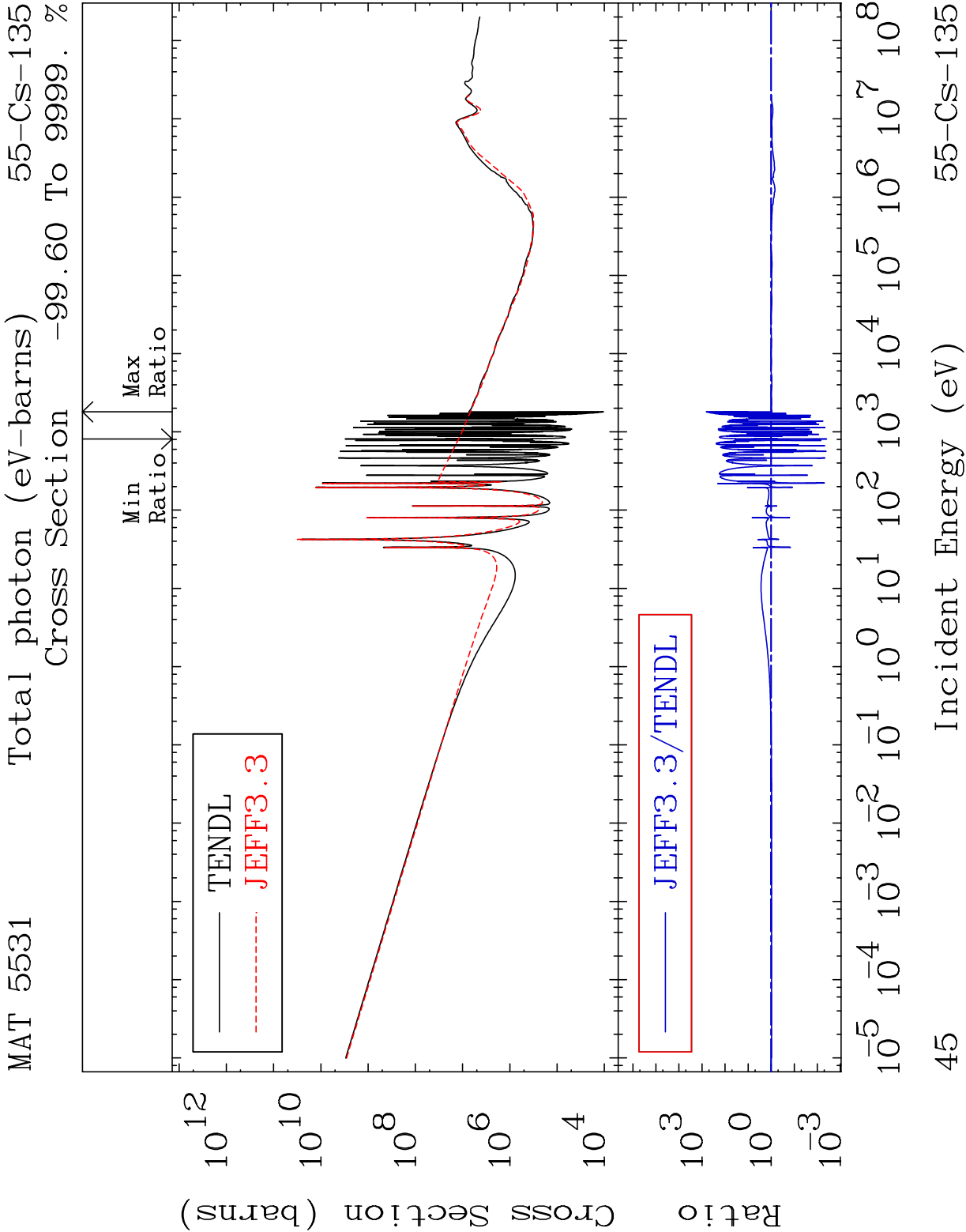




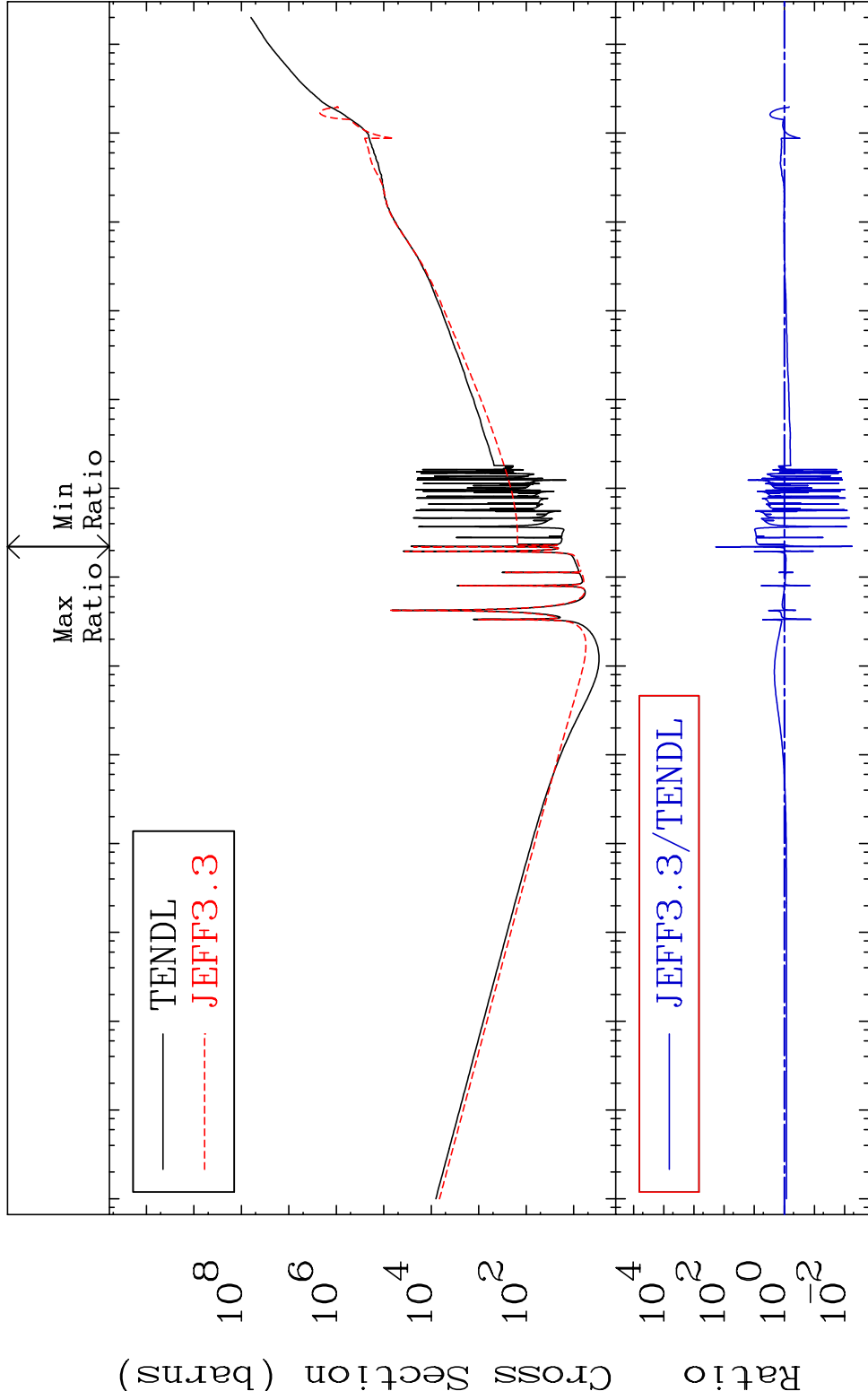
MAT 5531 Kerma fission (mt18 or mt19-20-21-38)55-Cs-135
Cross Section -104.8 To 9999. %





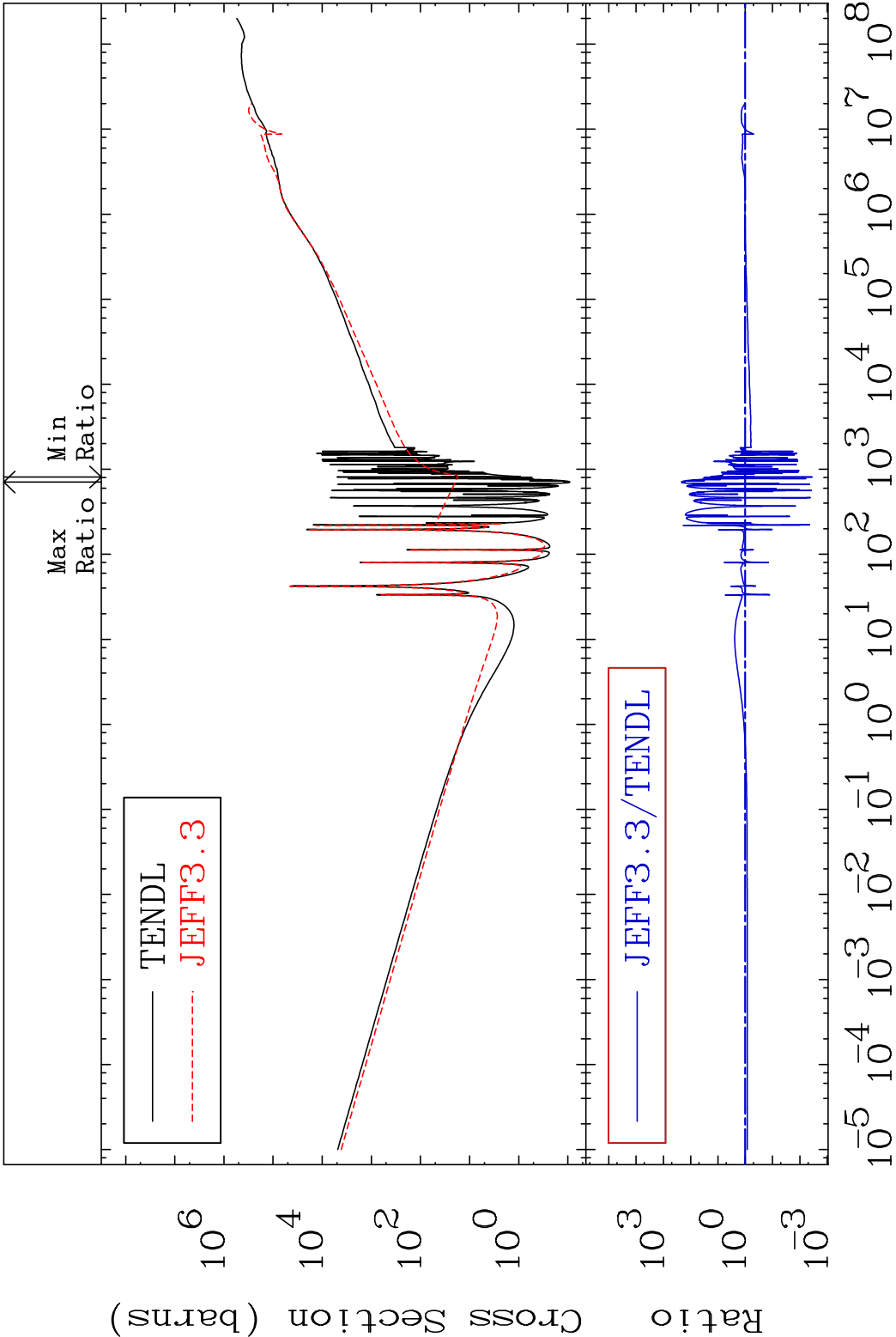


MAT 5531 Total kinematic kerma (high limit) 55-Cs-135
Cross Section -99.45 To 9999. %

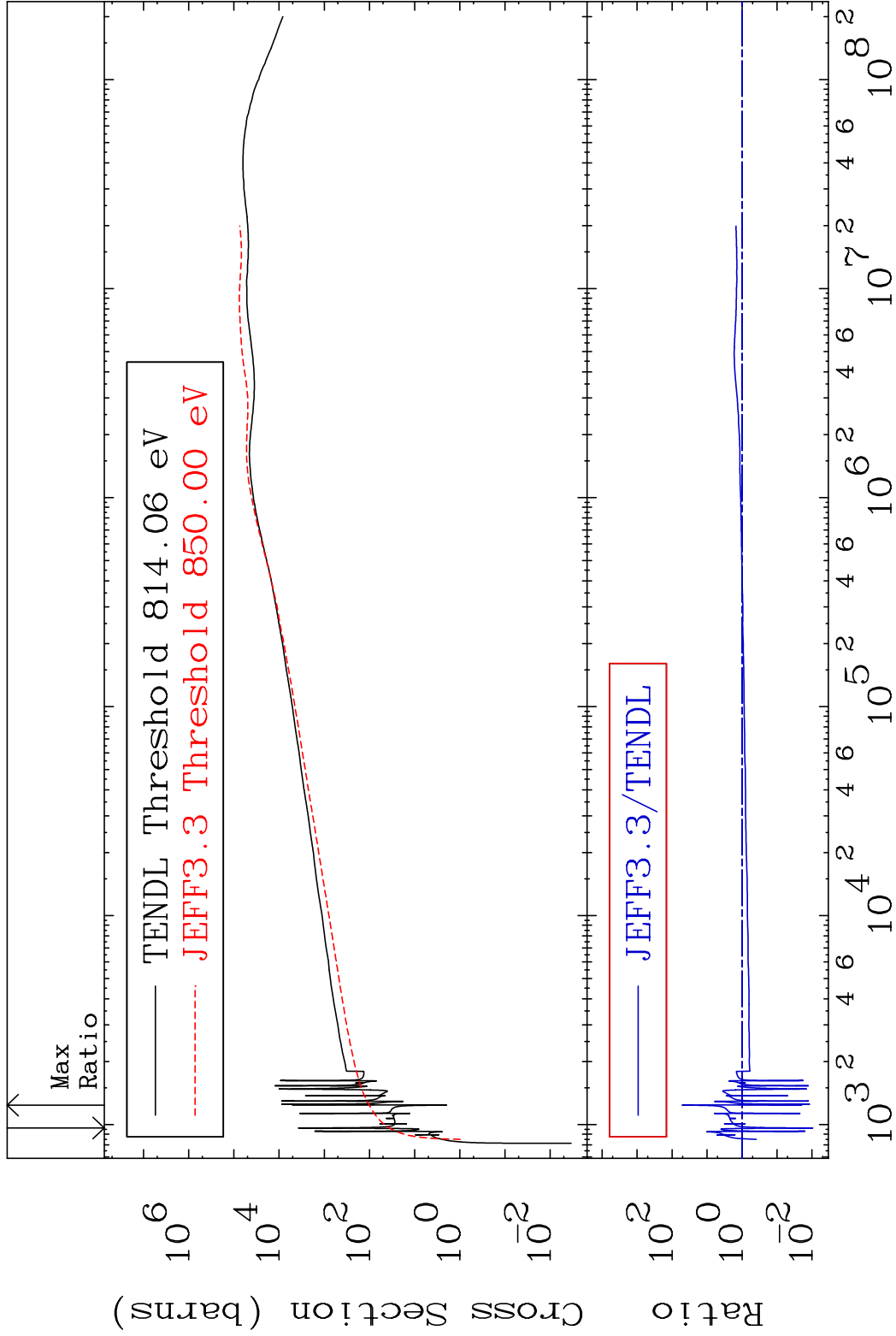


Incident Energy (eV) 55-Cs-135

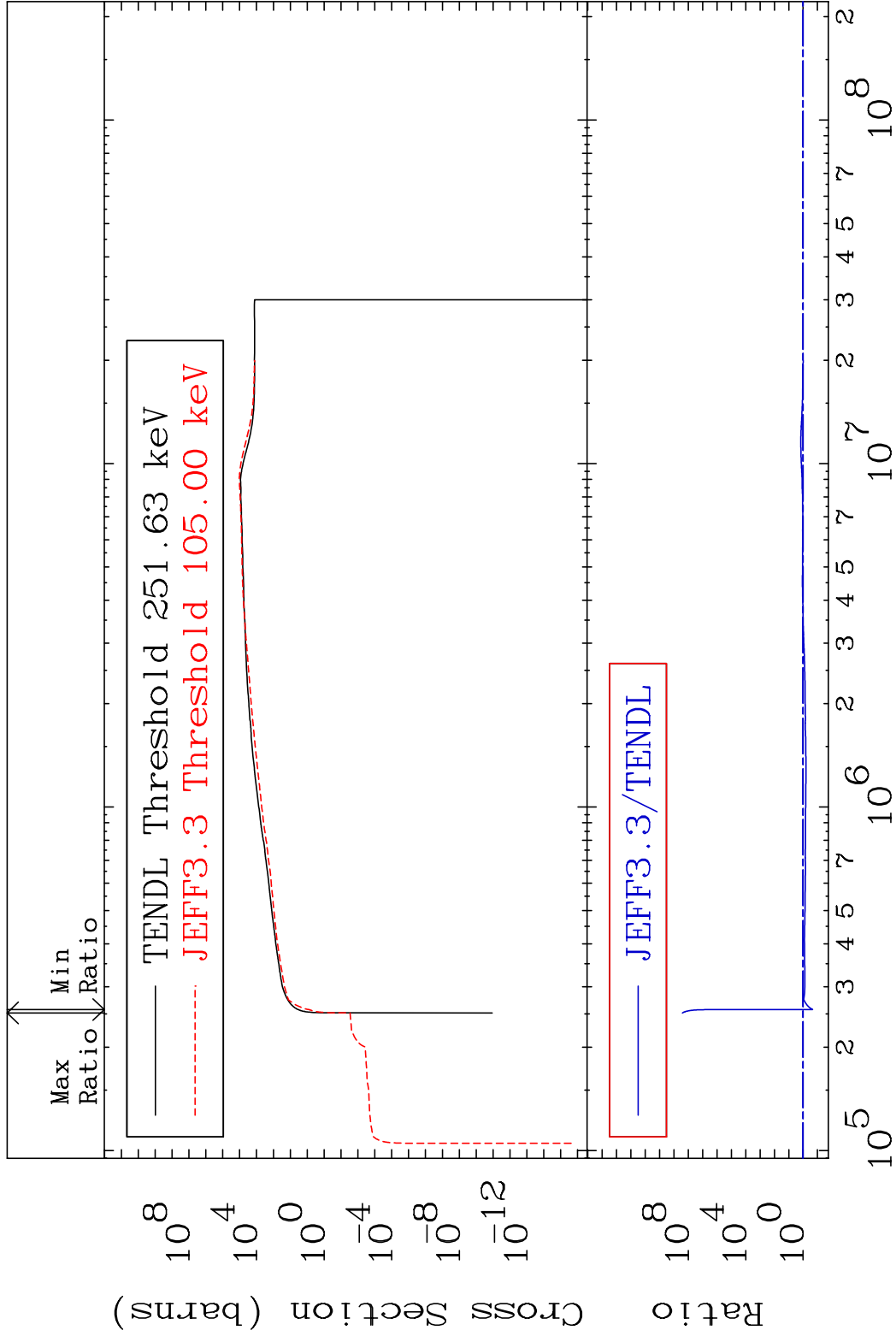
MAT 5531	Dpa total (eV-barns)	55-Cs-135
	Cross Section	-99.65 To 9999. %



MAT 5531 Dpa elastic (mt2) 55-Cs-135
Cross Section -99.03 To 4985. %



48 Incident Energy (eV) 55-Cs-135



MAT 5531 Dpa disappearance (mt102 -120) 55-Cs-135
Cross Section -99.65 To 9999. %

