

Program Complot
(Version 2021-1)

by

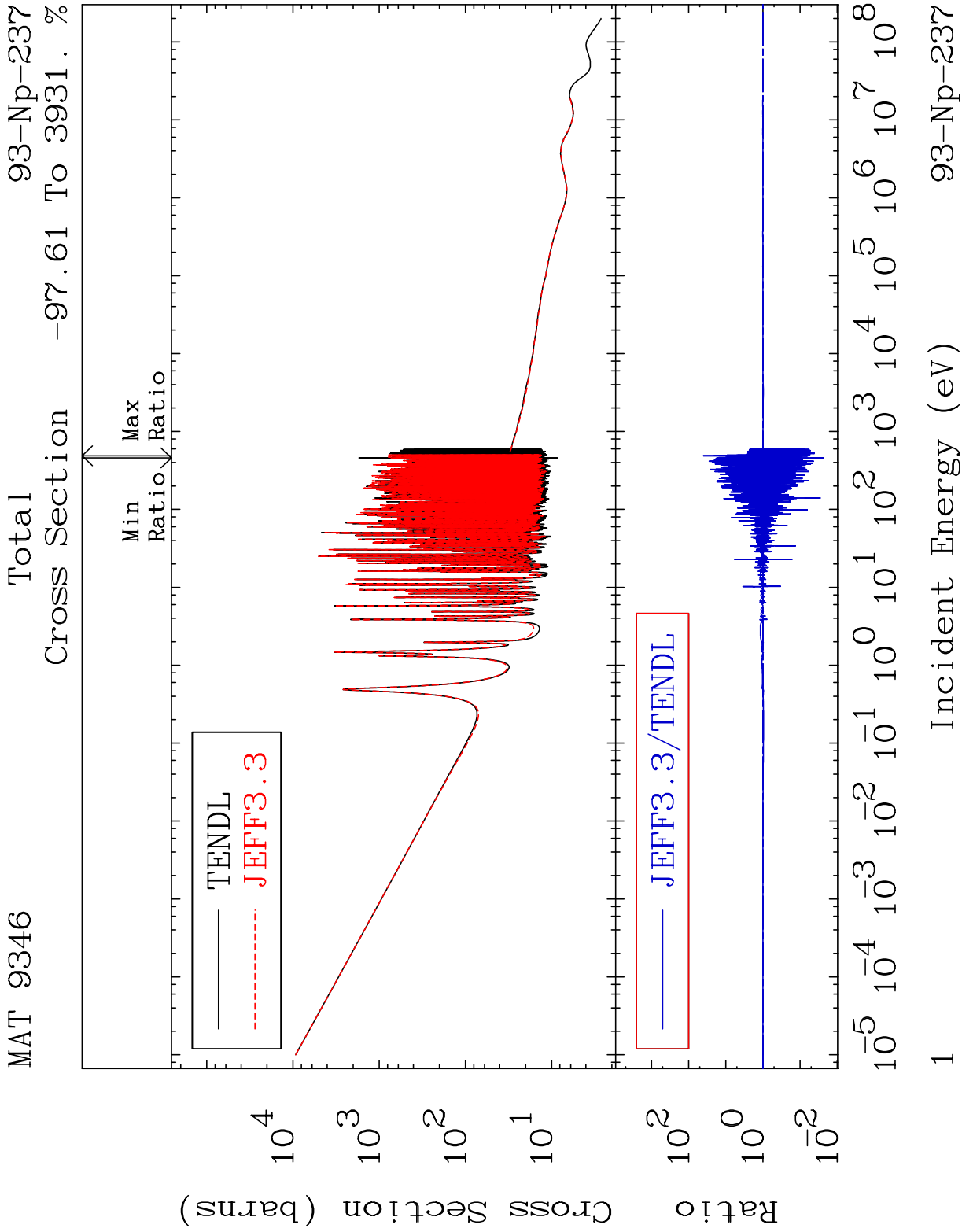
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(Present Contact Information)

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Press Mouse Button to Start

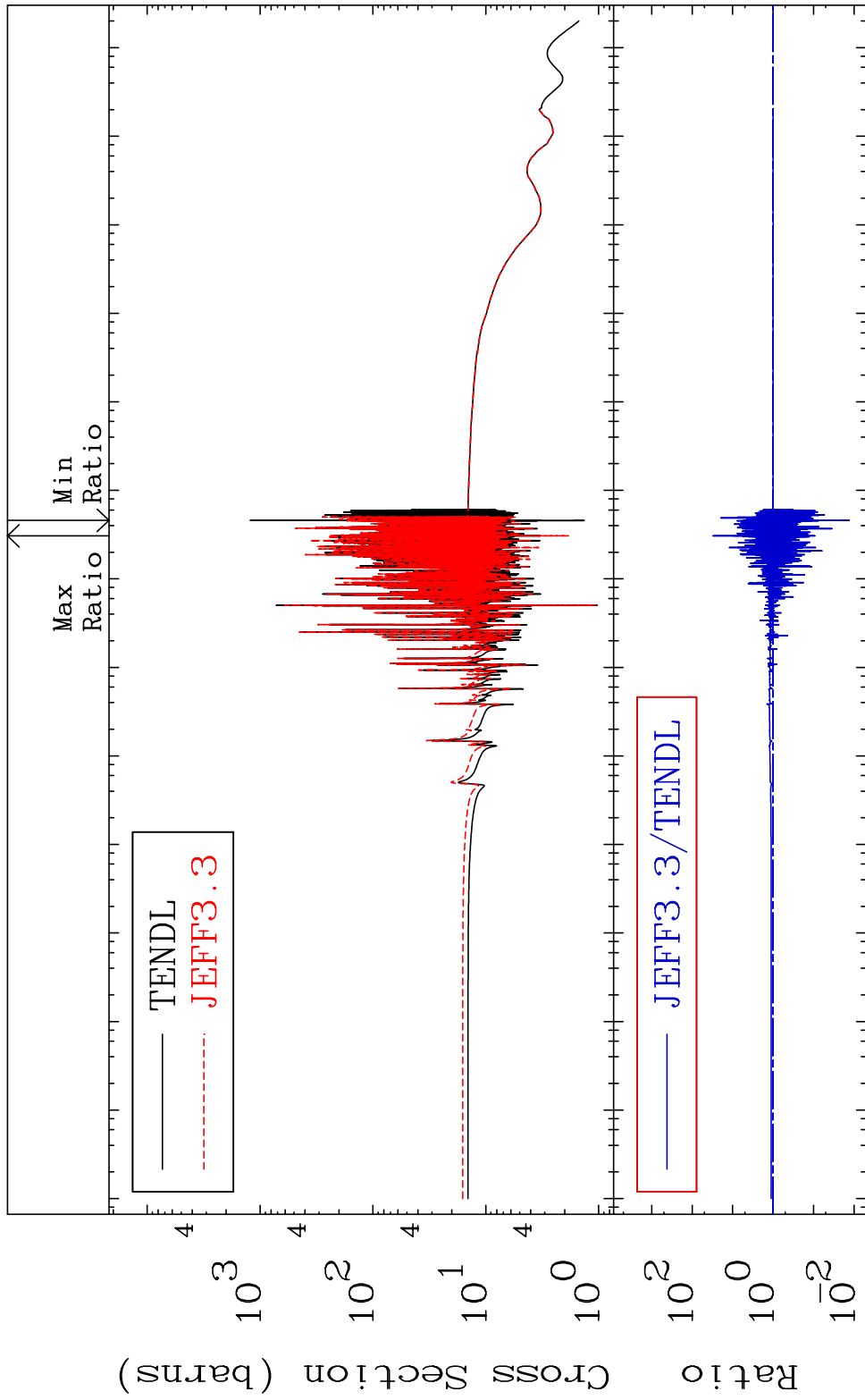


MAT 9346

Elastic

93-Np-237

Cross Section -98.69 To 2922. %

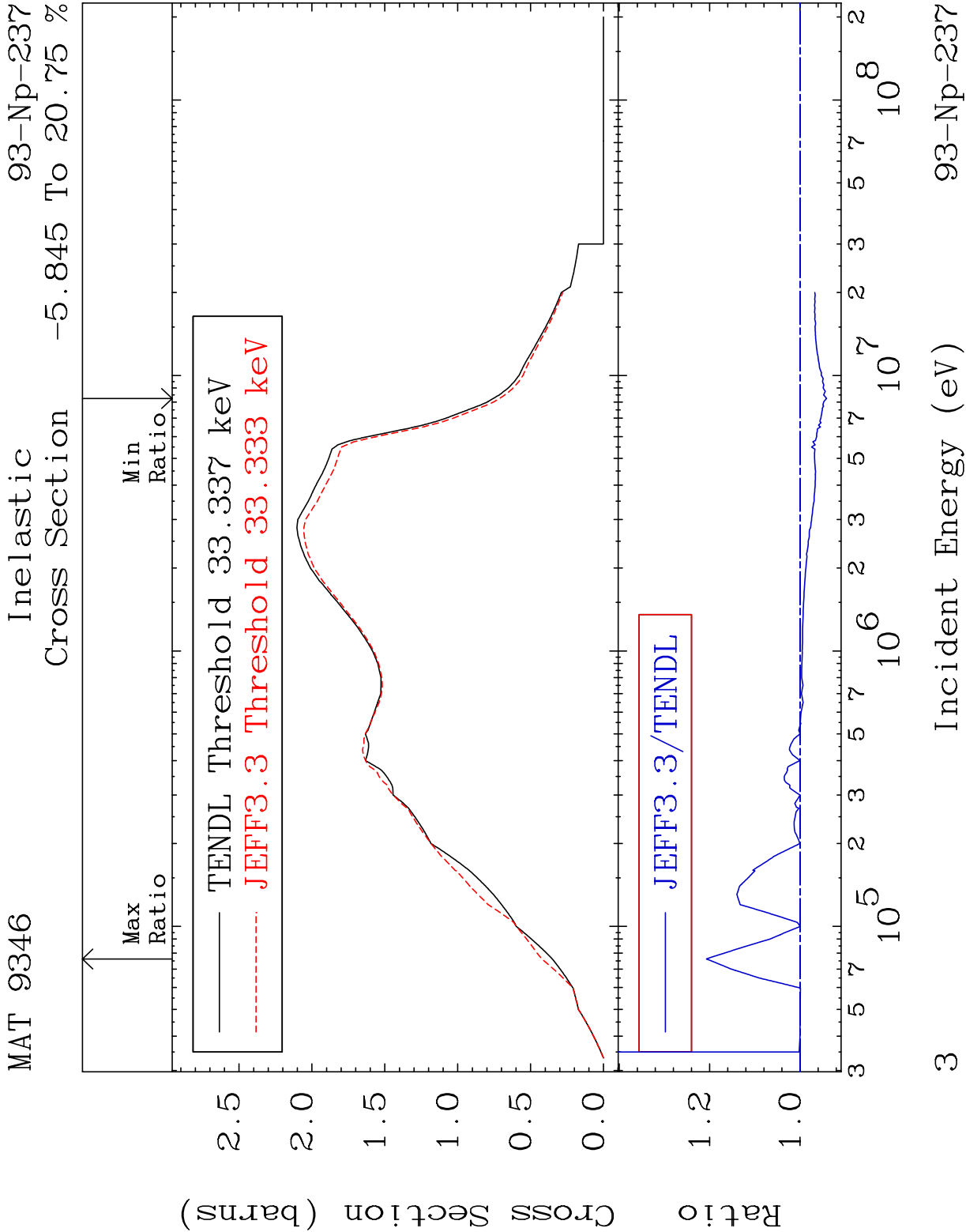


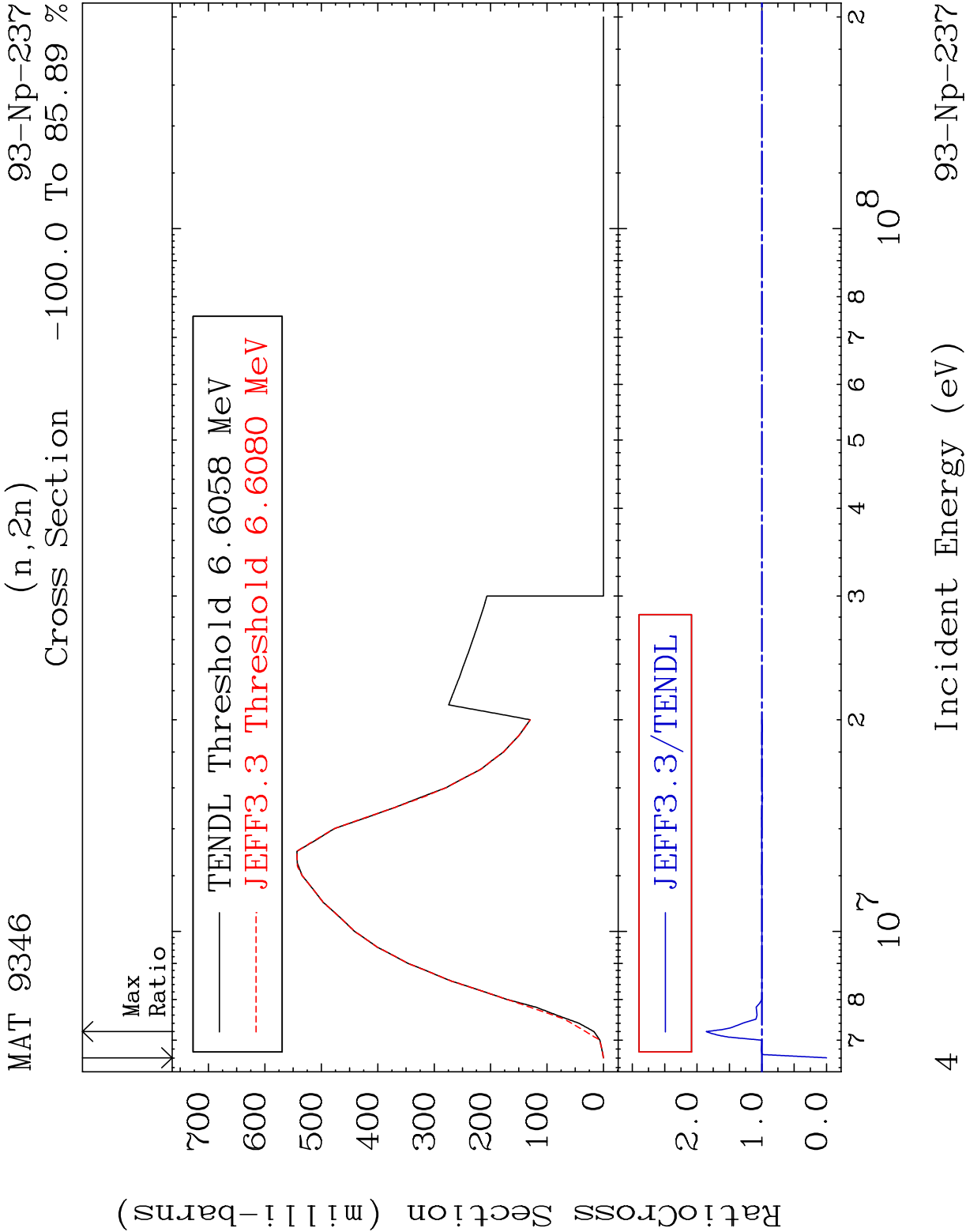
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

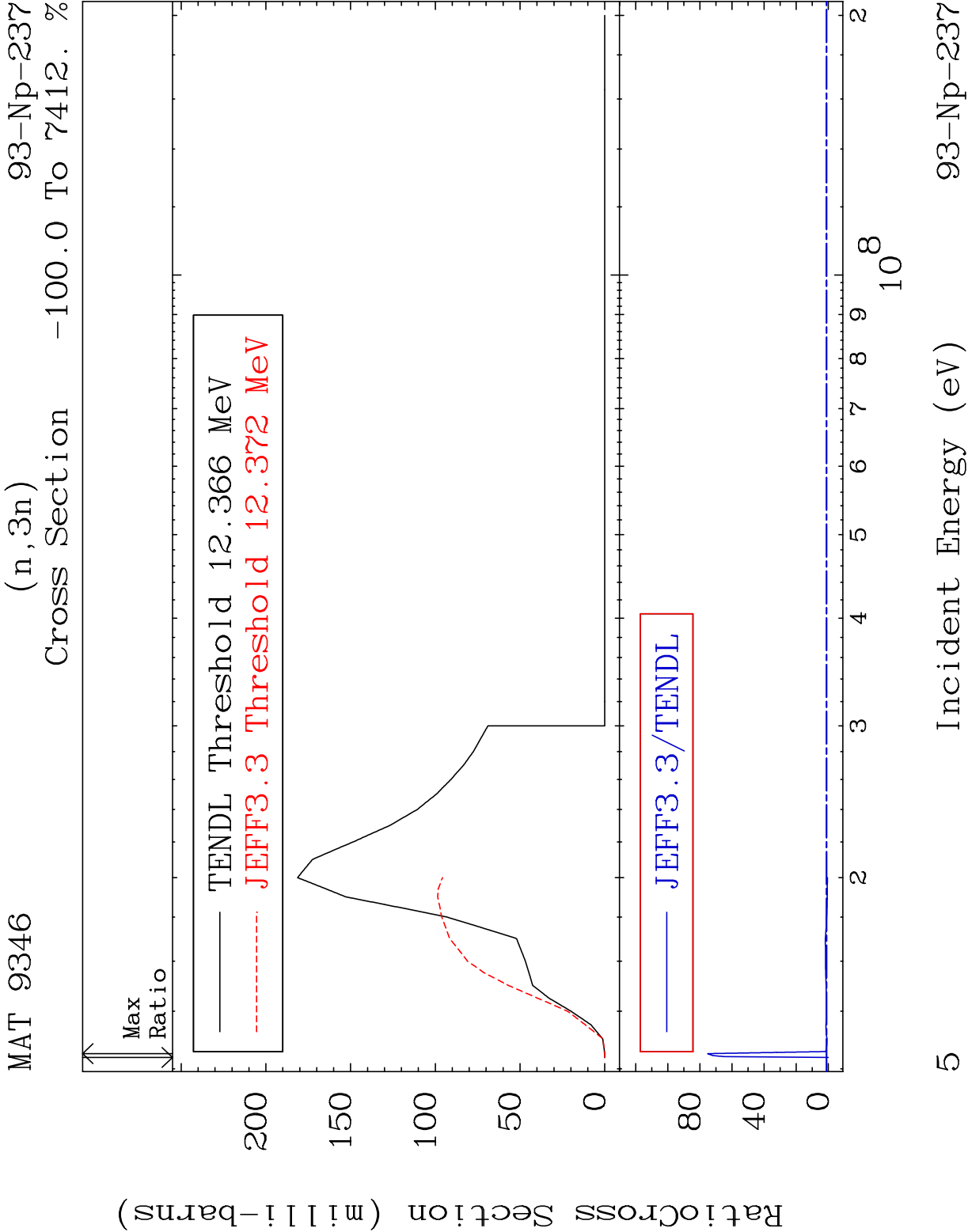
2

Incident Energy (eV)

93-Np-237





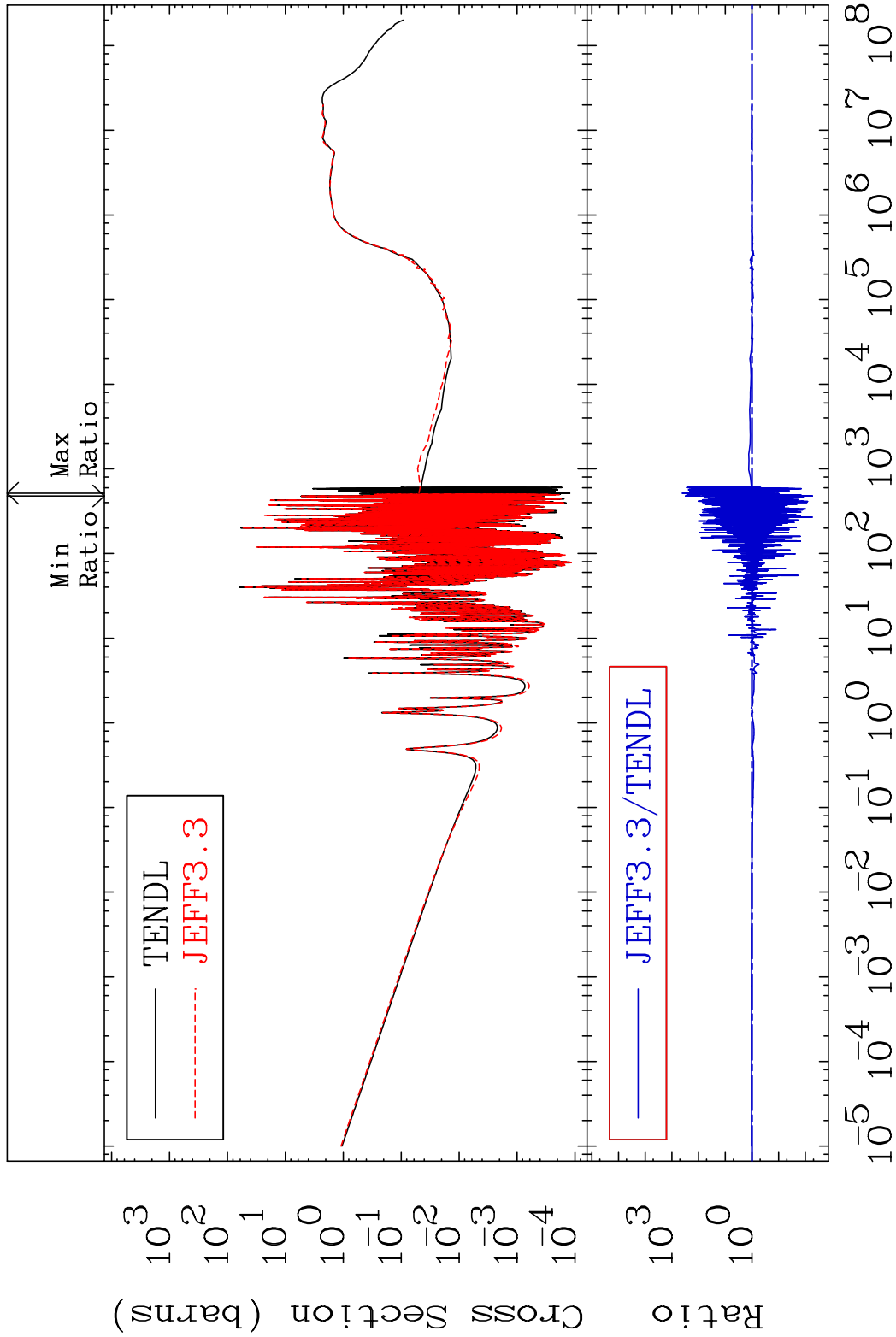


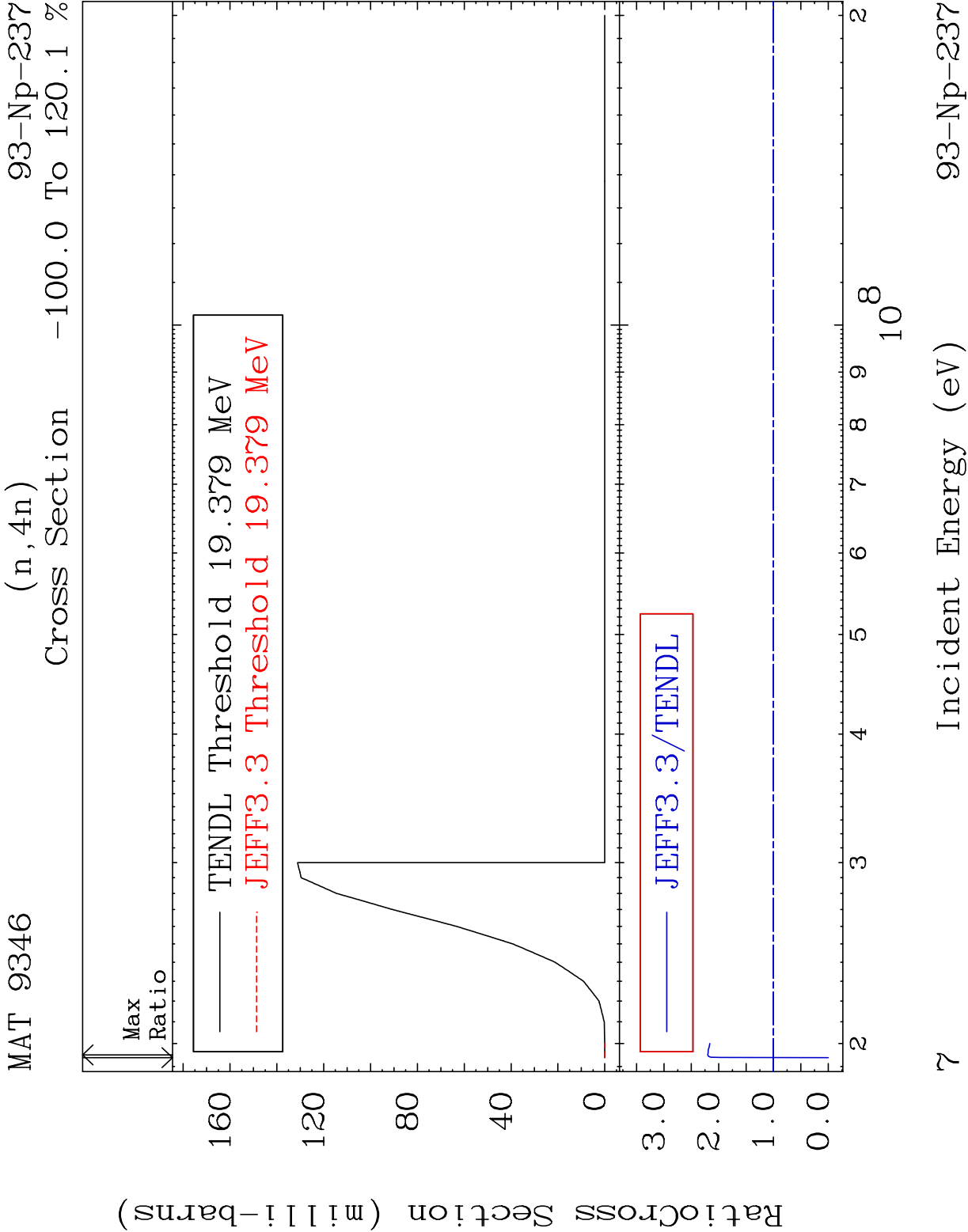
MAT 9346

Fission

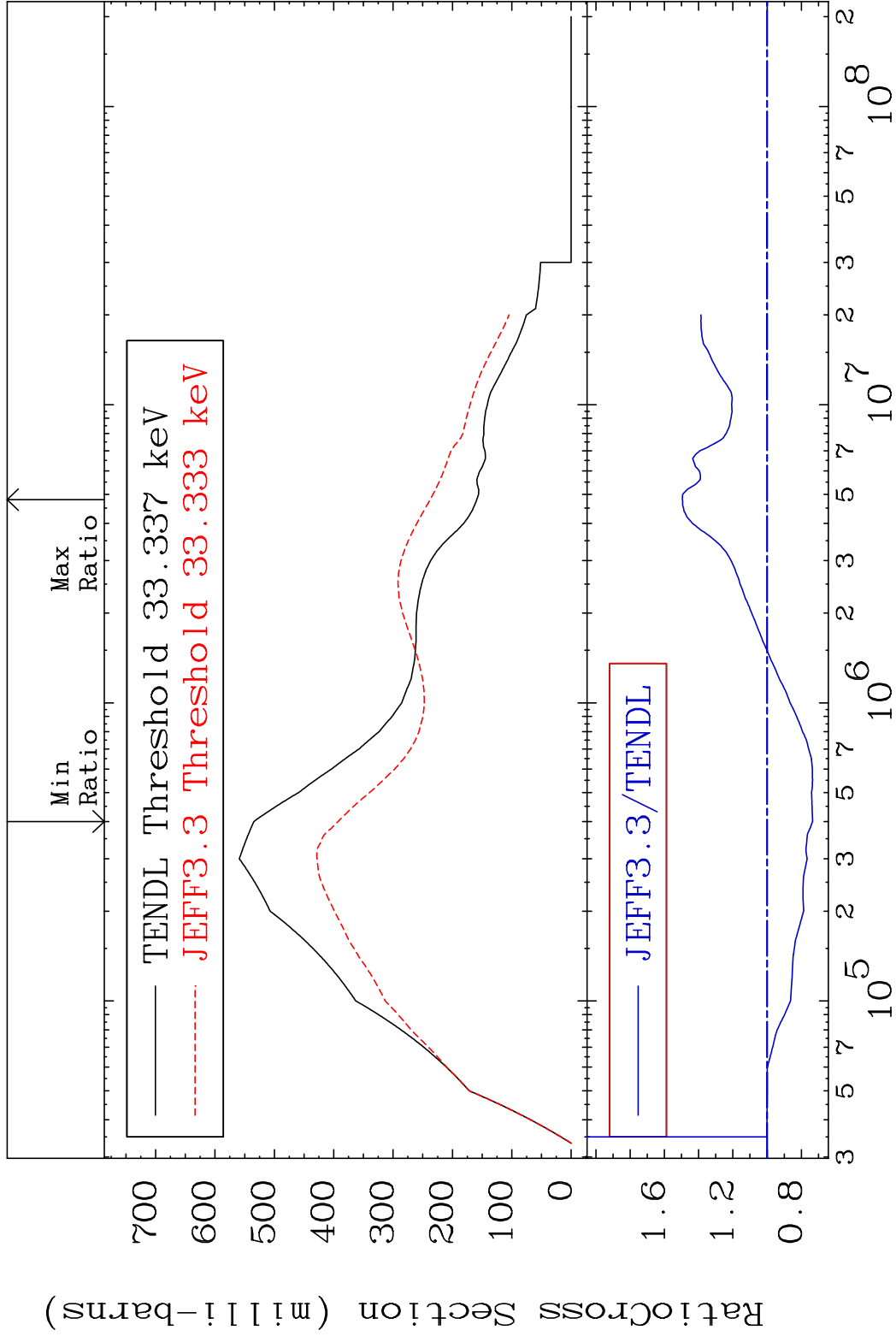
93-Np-237

Cross Section -99.46 To 9999. %

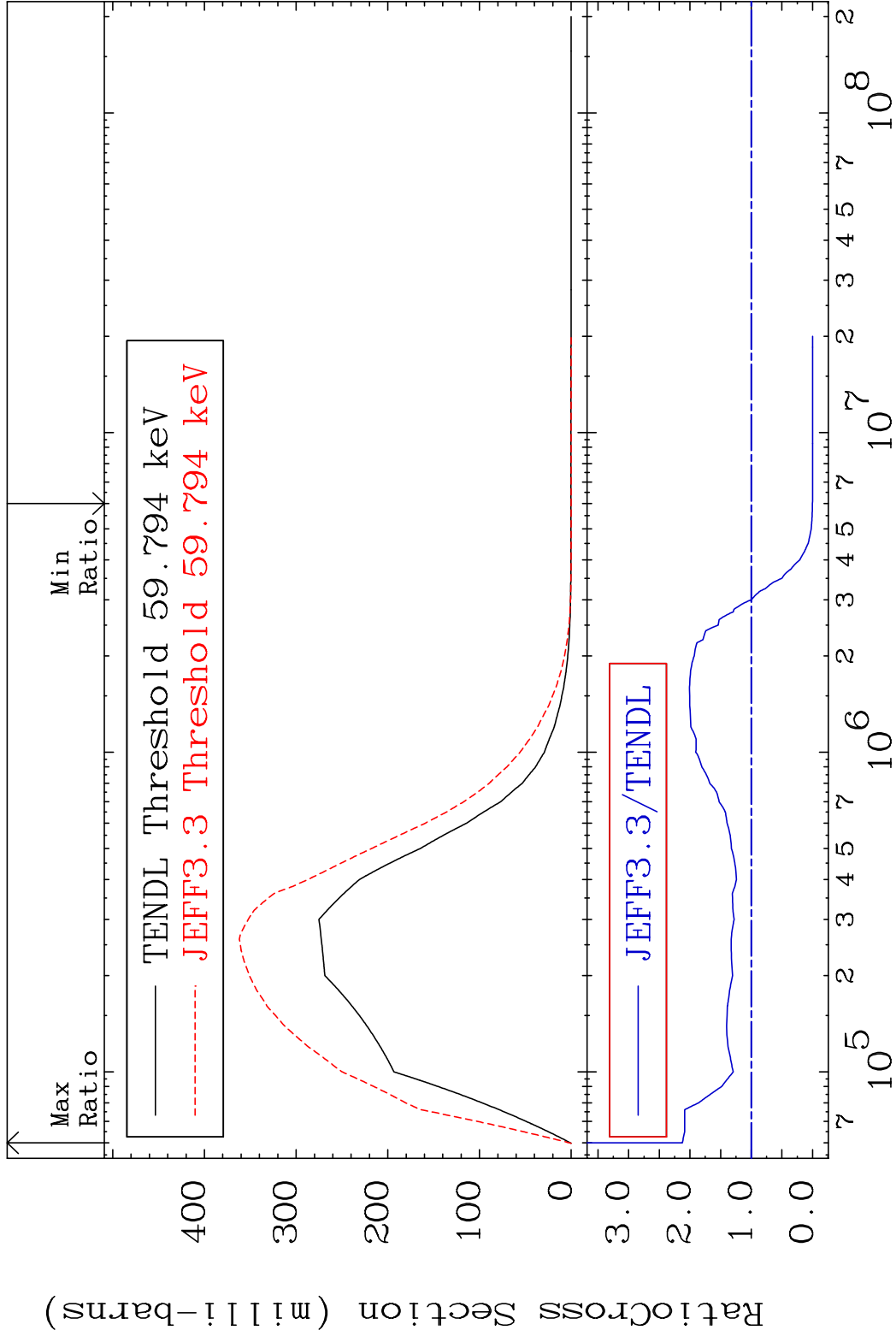


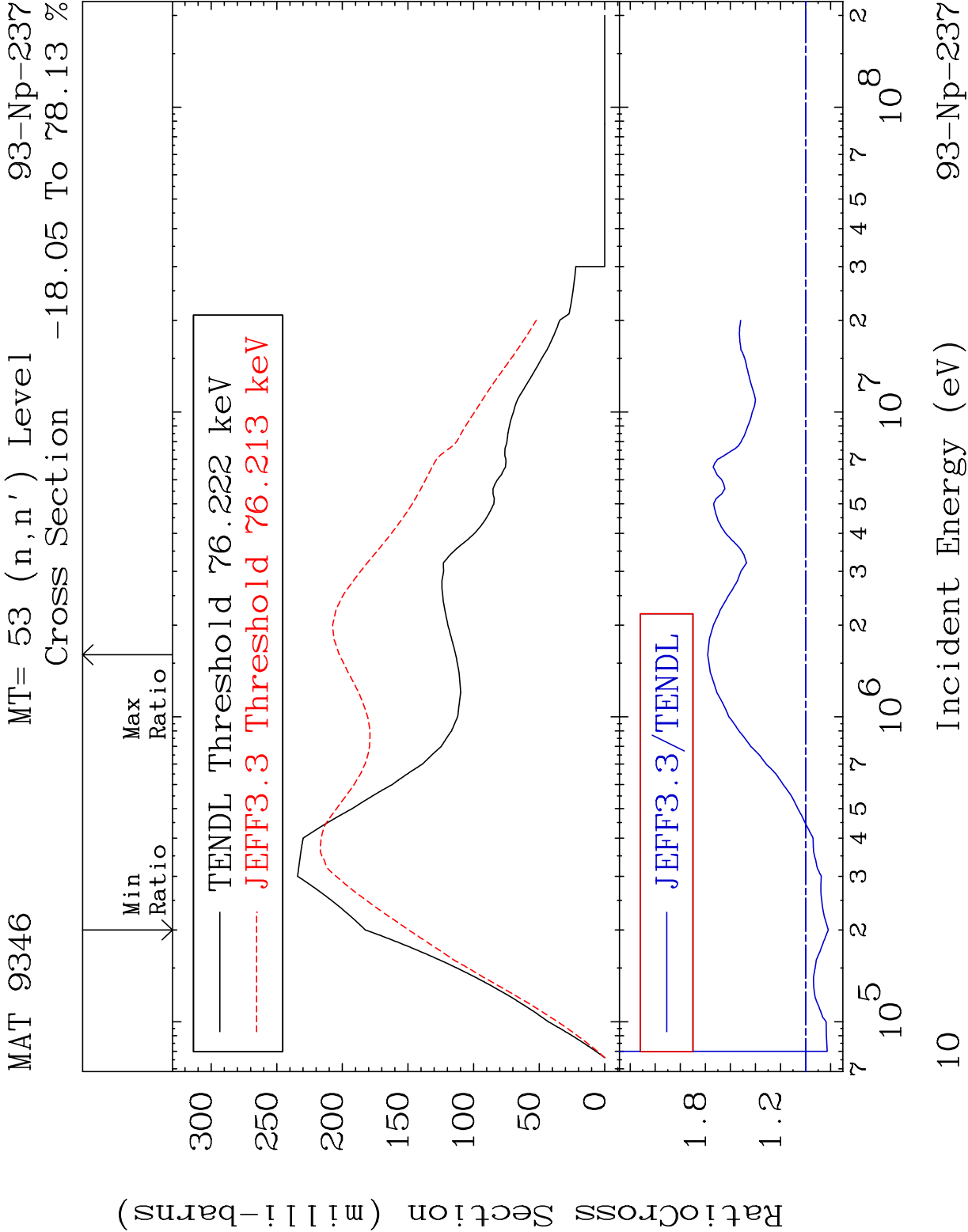


MAT 9346 MT= 51 (n,n') Level 93-Np-237
Cross Section -26.55 To 49.51 %

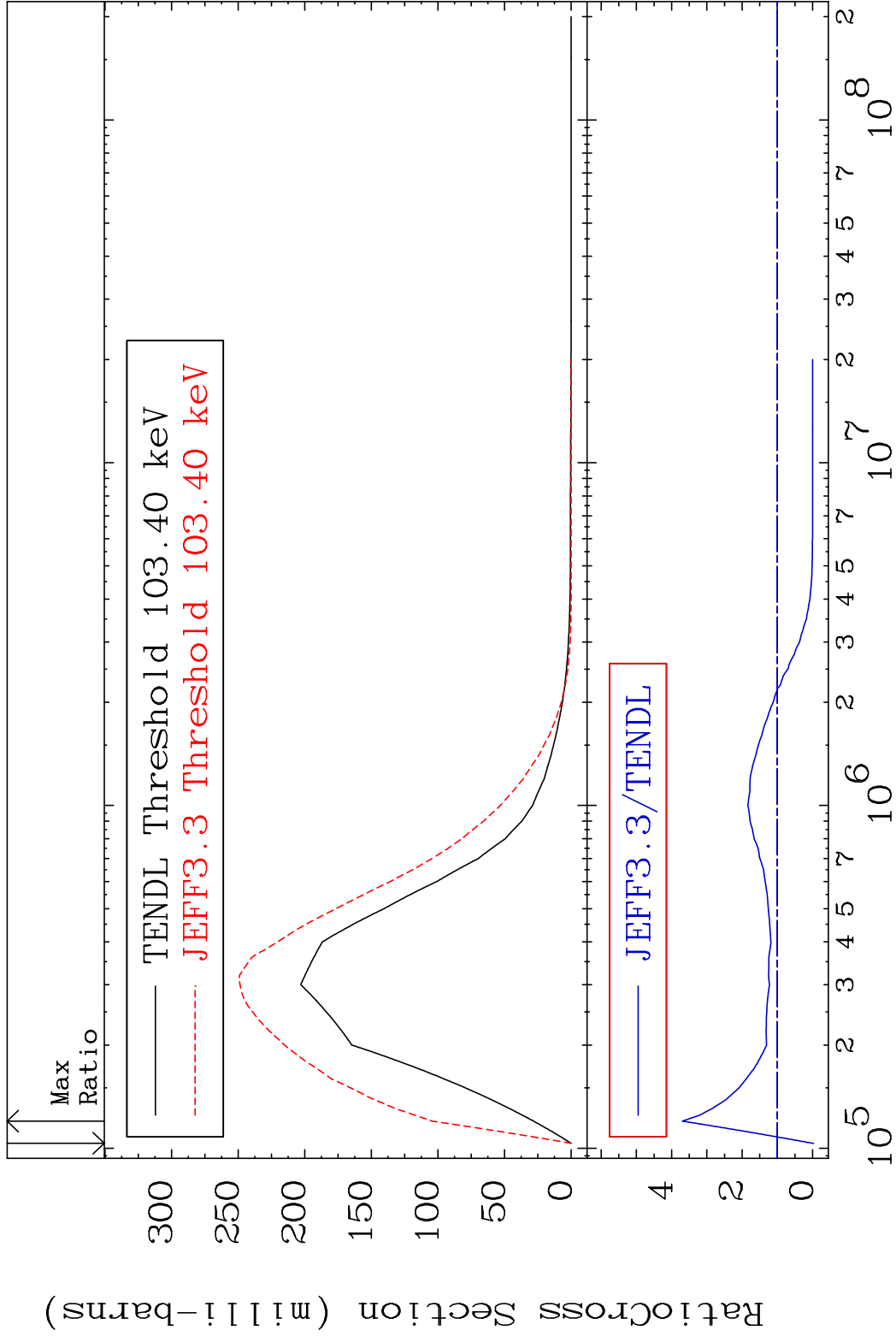


MAT 9346 MT= 52 (n,n') Level 93-Np-237
Cross Section -100.0 To 112.4 %



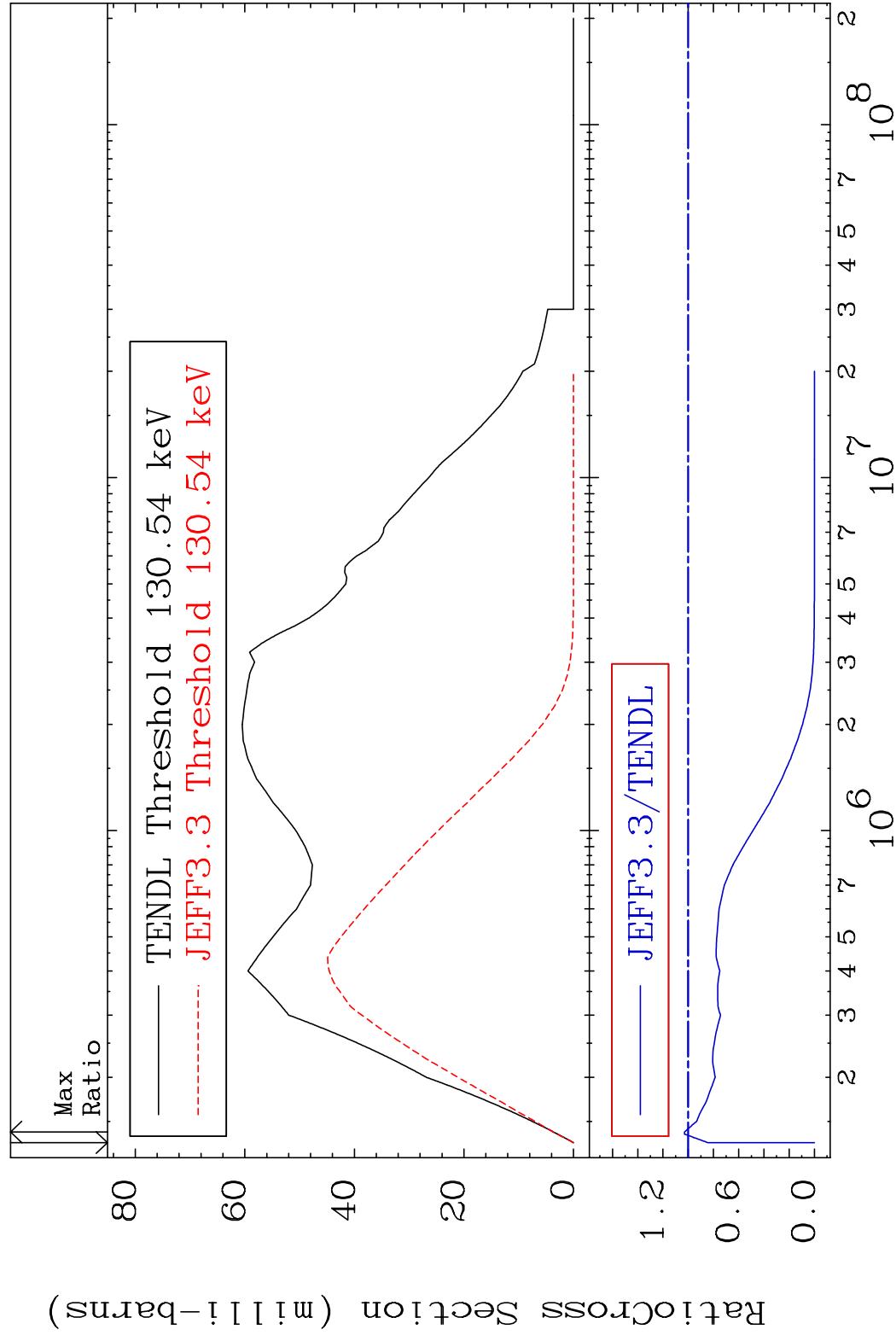


MAT 9346 MT= 54 (n,n') Level 93-Np-237
Cross Section -100.0 To 269.6 %

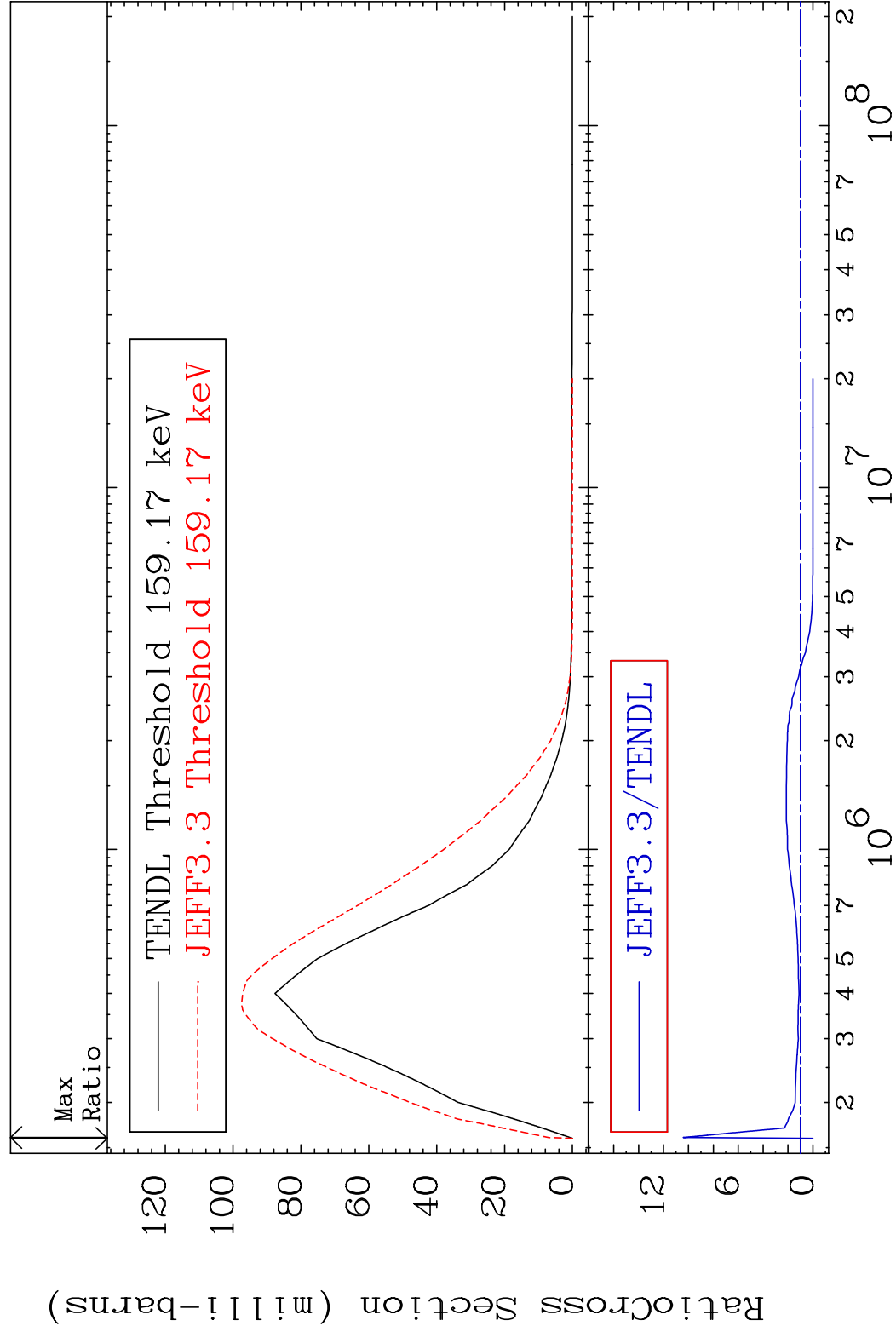


11 Incident Energy (eV) 93-Np-237

MAT 9346 MT= 55 (n,n') Level 93-Np-237
Cross Section -100.0 To 2.979 %



MAT 9346	MT= 56 (n,n')	Level	93-Np-237
	Cross Section	-100.0 To 942.2 %	



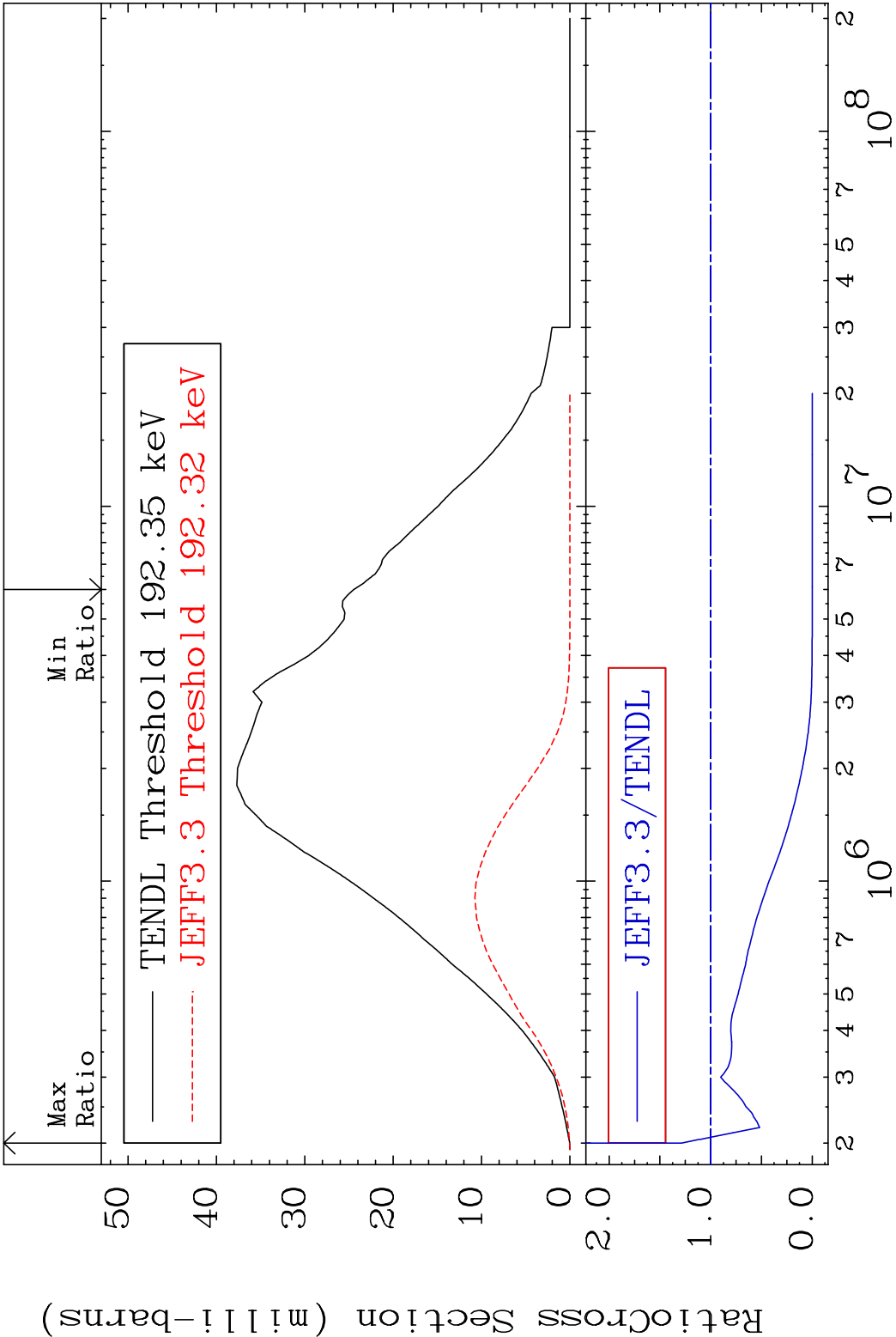
MAT 9346

MT= 57 (n,n') Level

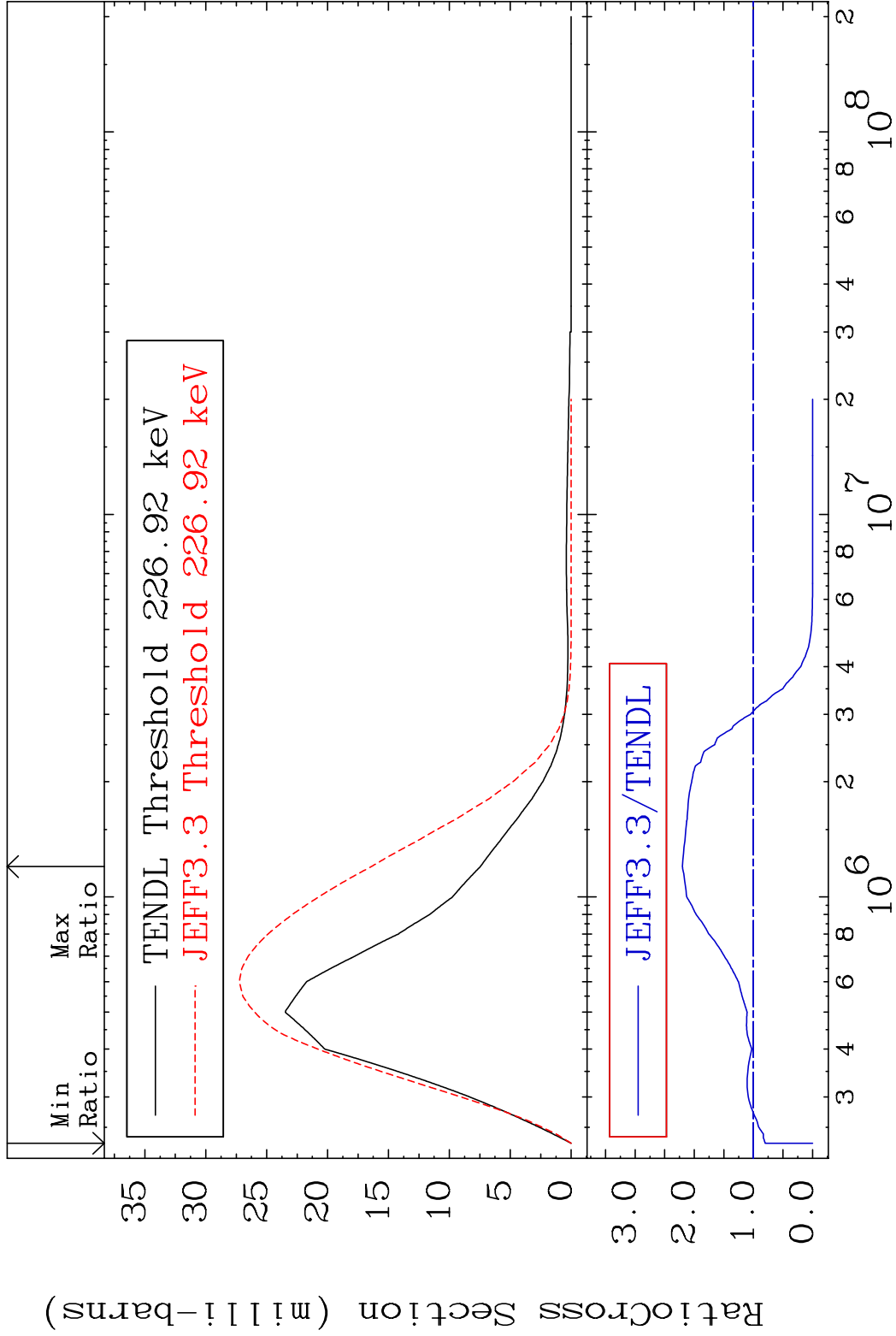
93-Np-237

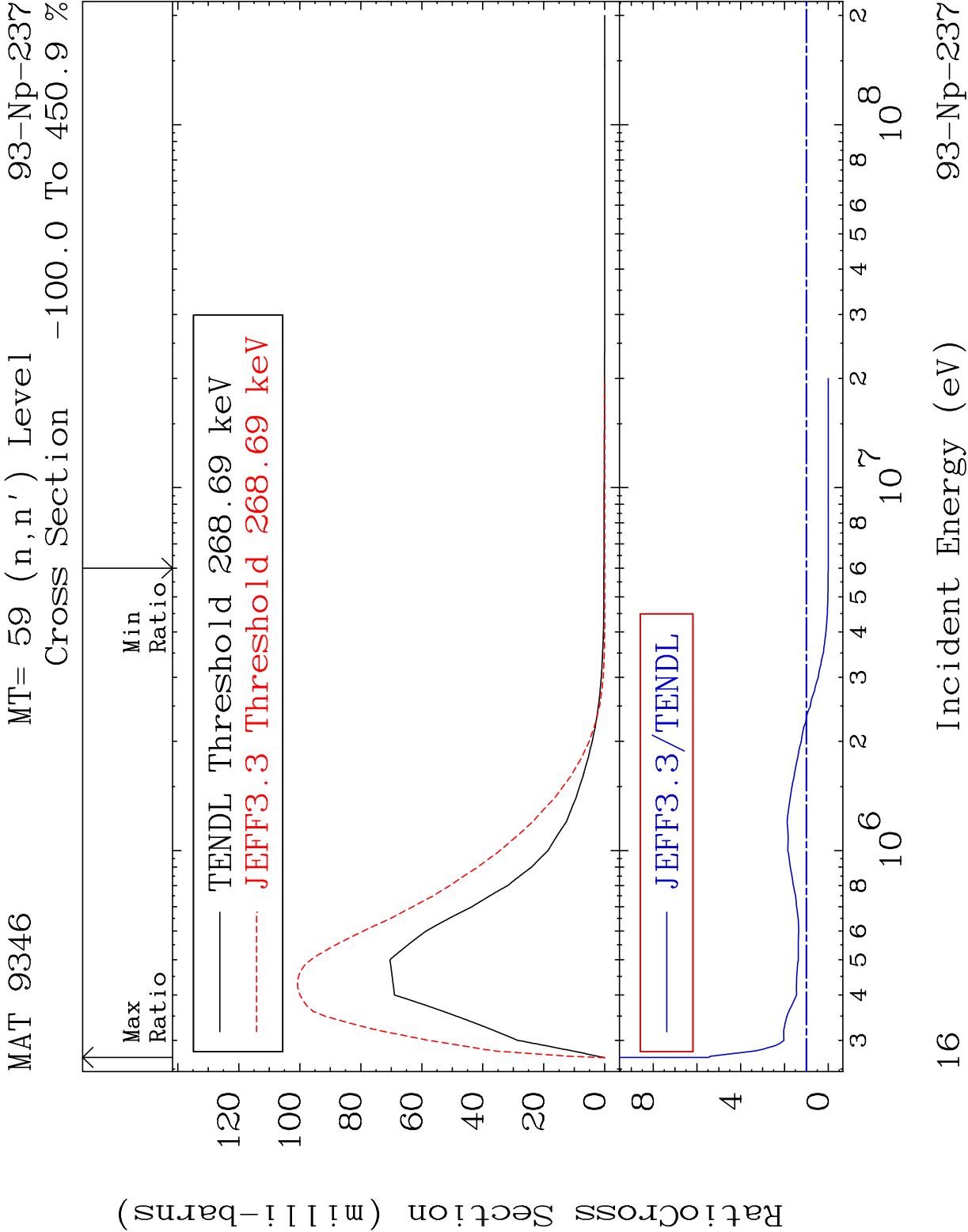
Cross Section

-100.0 To 28.71 %

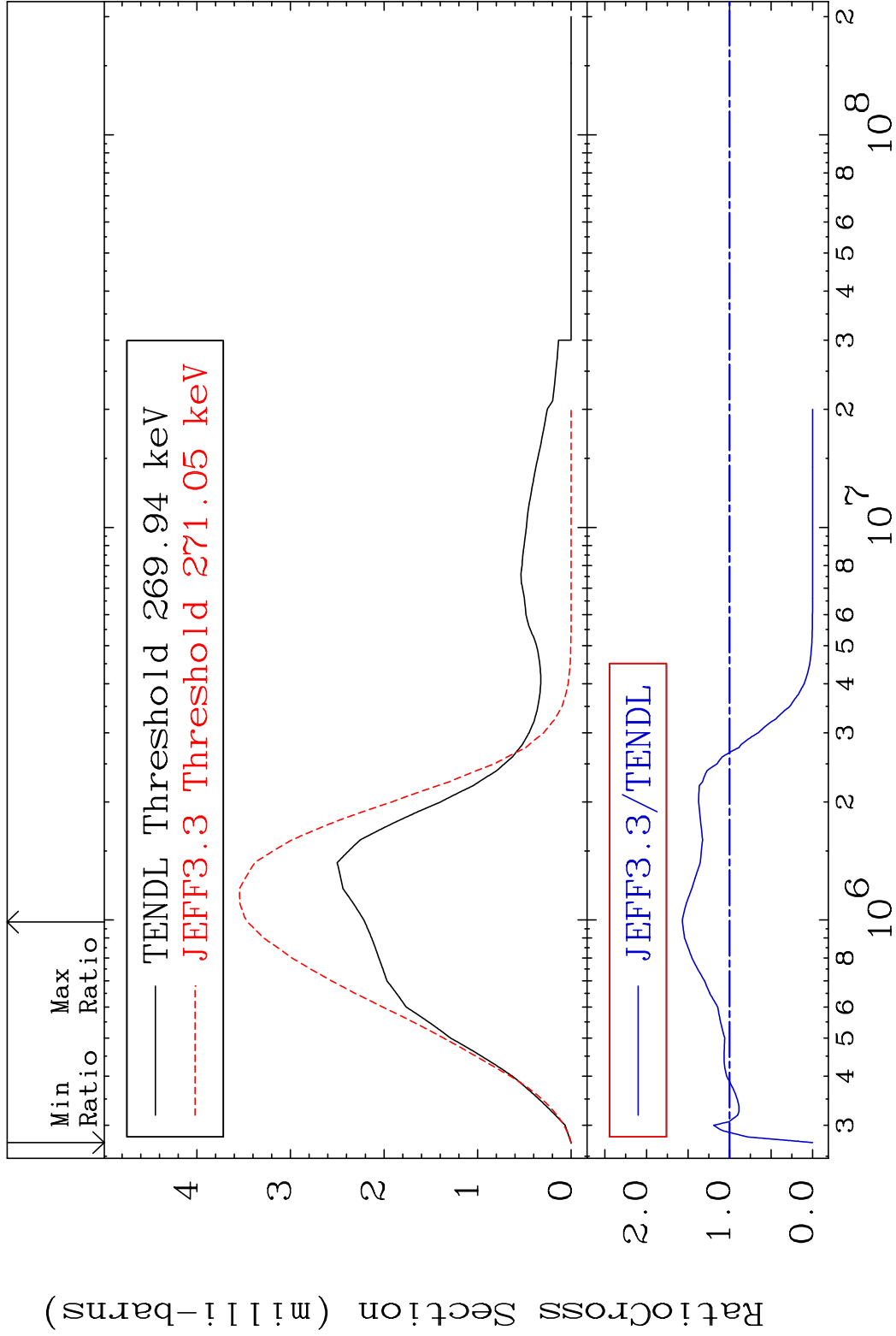


MAT 9346 MT= 58 (n,n') Level 93-Np-237
Cross Section -100.0 To 120.1 %





MAT 9346 MT= 60 (n,n') Level 93-Np-237
Cross Section -100.0 To 56.79 %



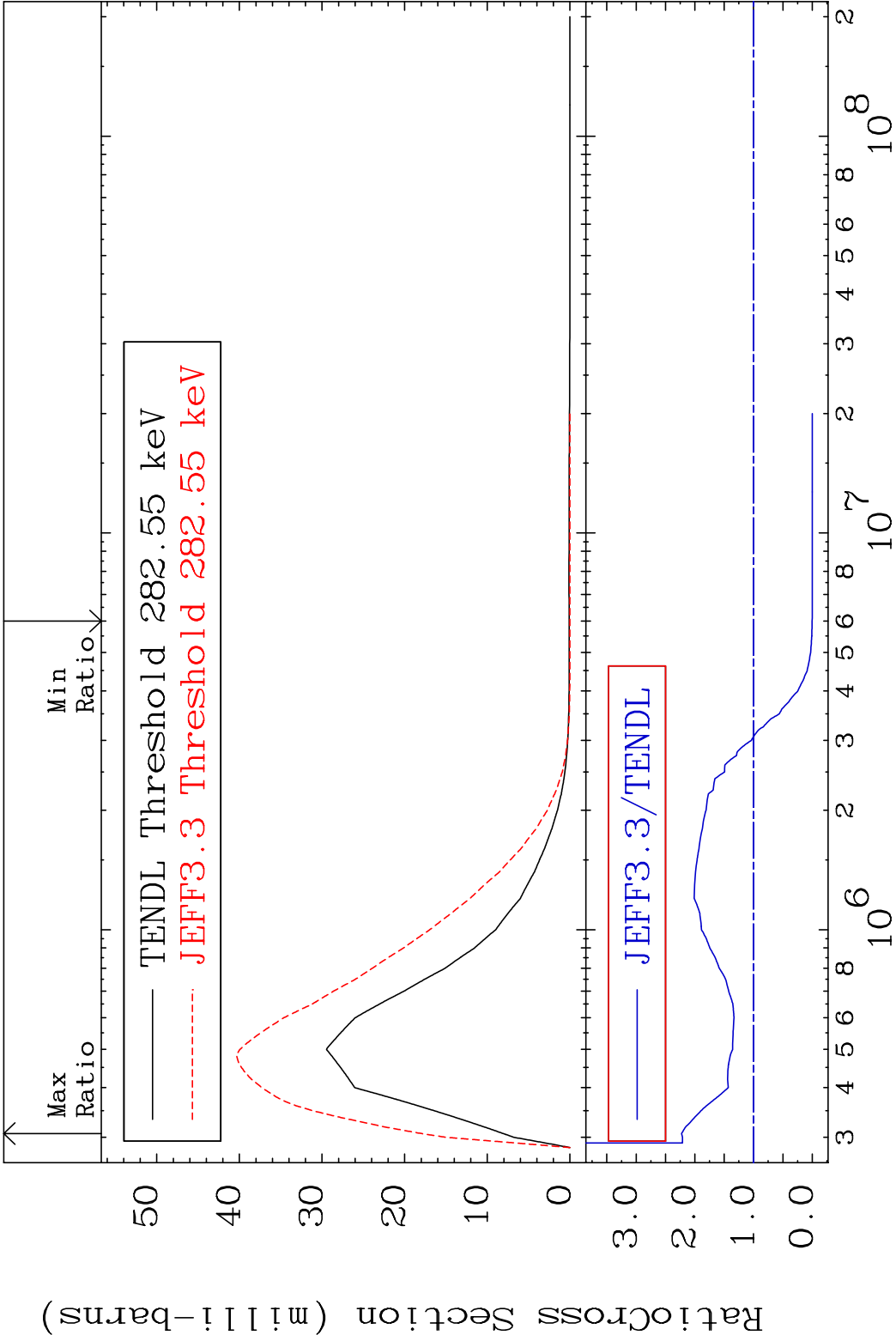
MAT 9346

MT= 61 (n,n') Level

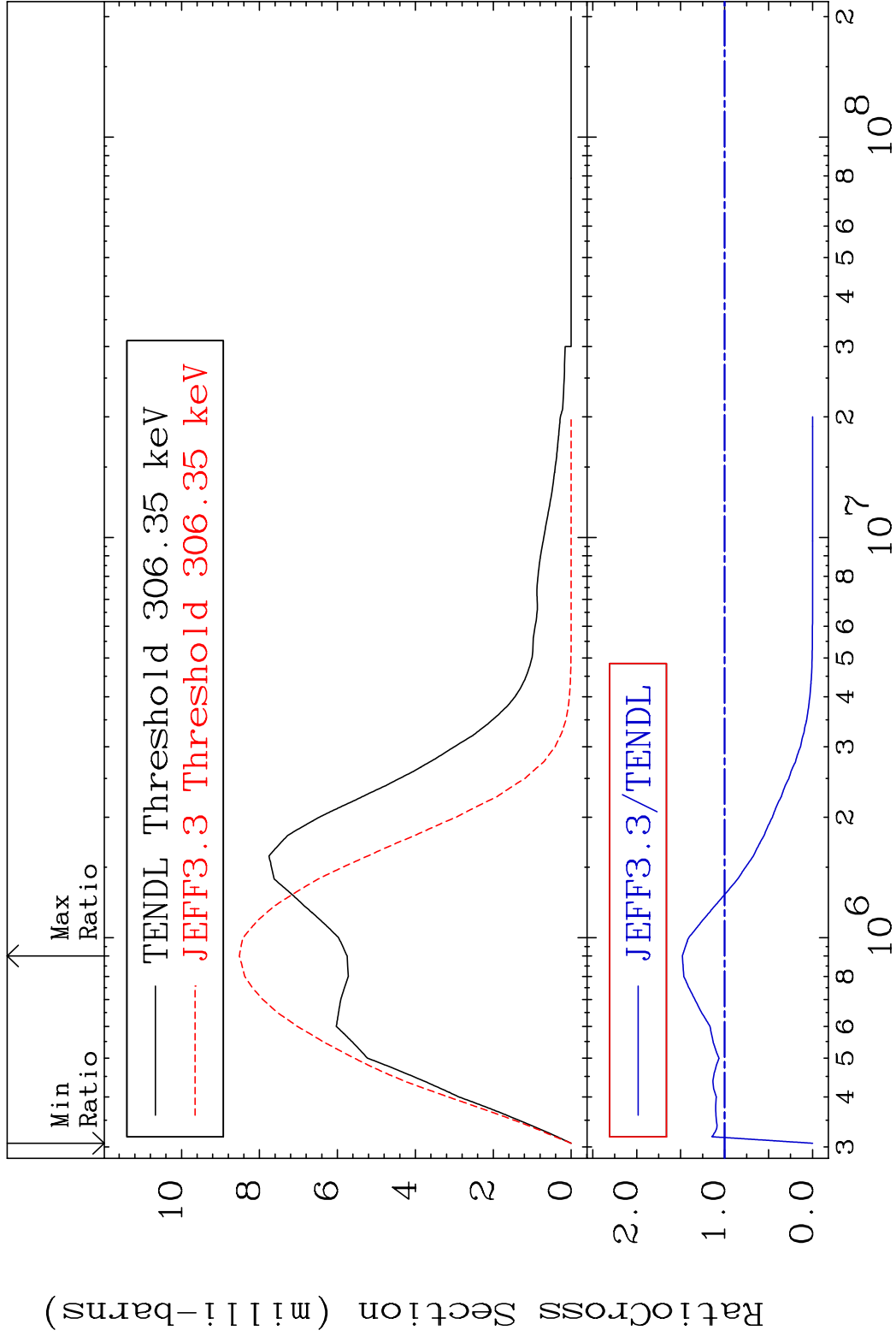
93-Np-237

Cross Section

-100.0 To 122.7 %



MAT 9346 MT= 62 (n,n') Level 93-Np-237
Cross Section -100.0 To 48.08 %

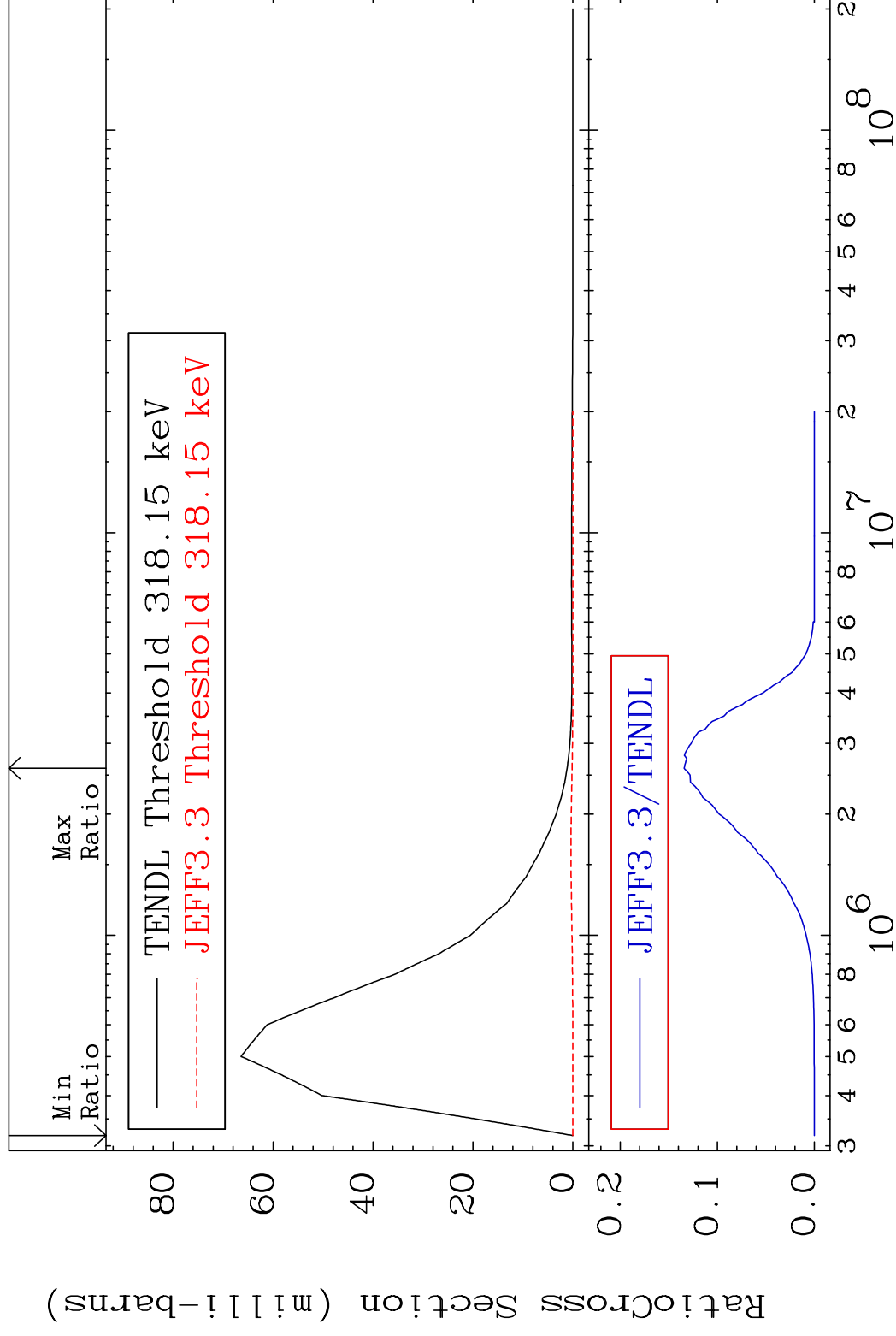


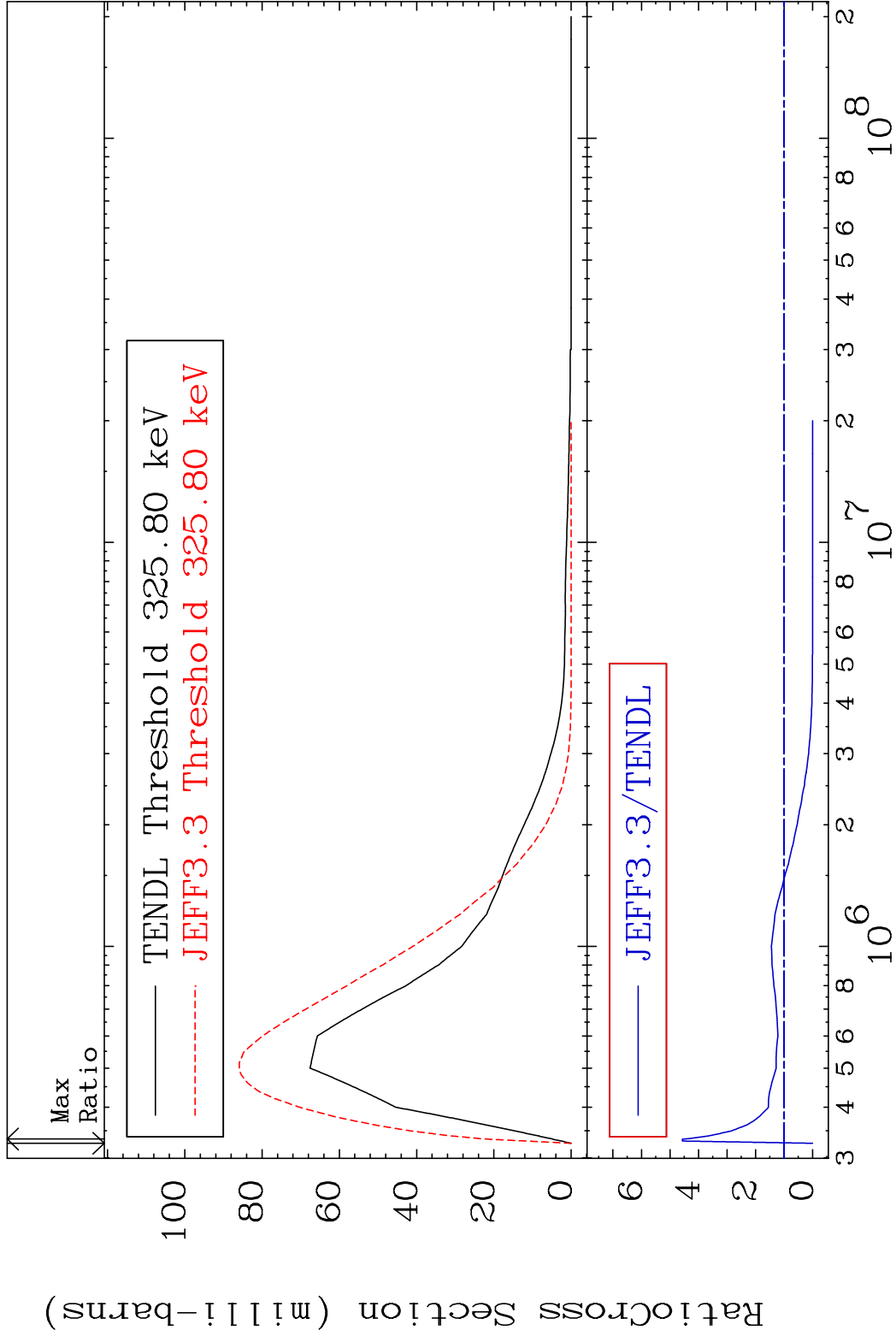
MAT 9346

MT= 63 (n, n') Level

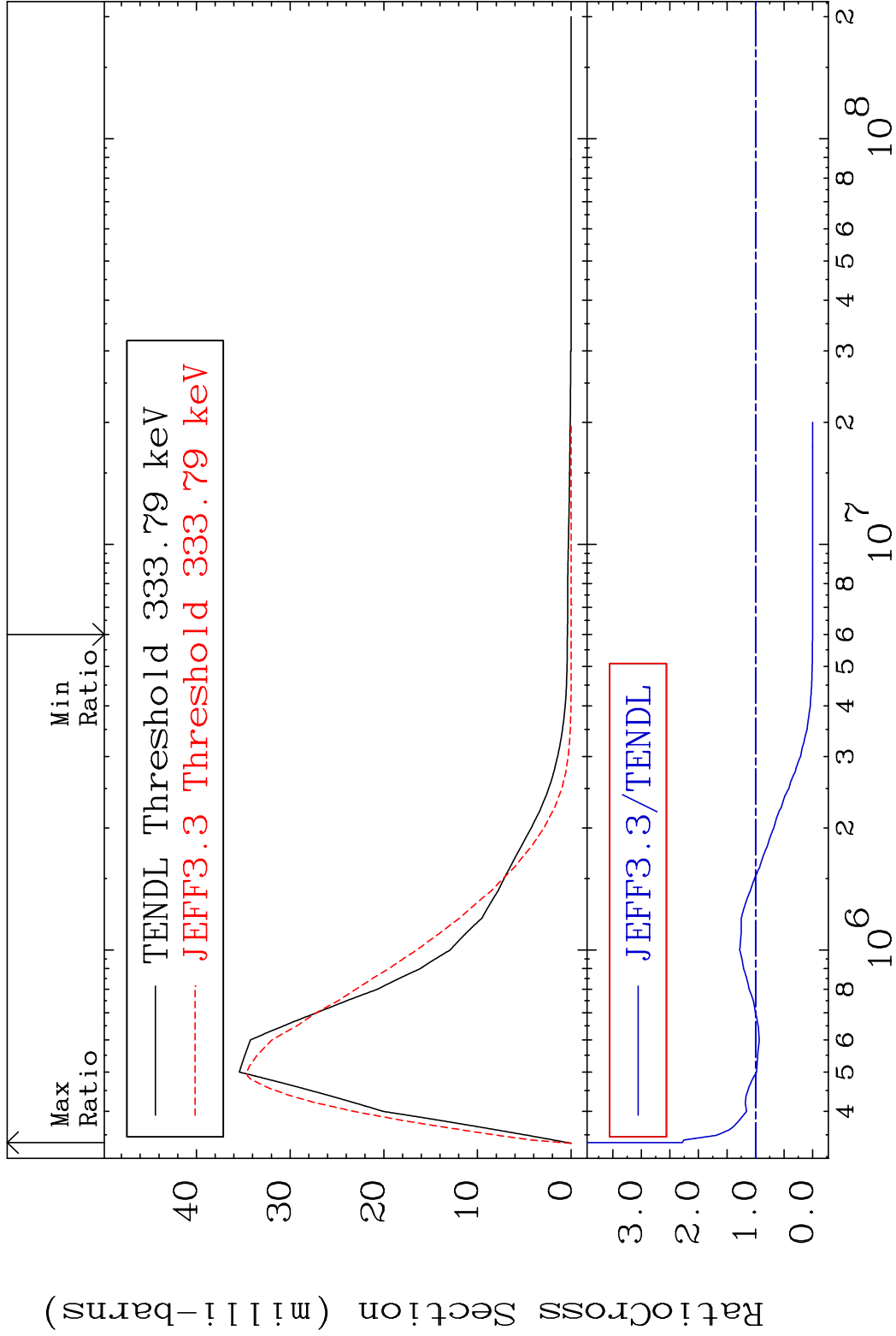
93-Np-237

Cross Section	-100.0 To -86.57%
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MAT 9346 MT= 65 (n,n') Level 93-Np-237
Cross Section -100.0 To 128.2 %



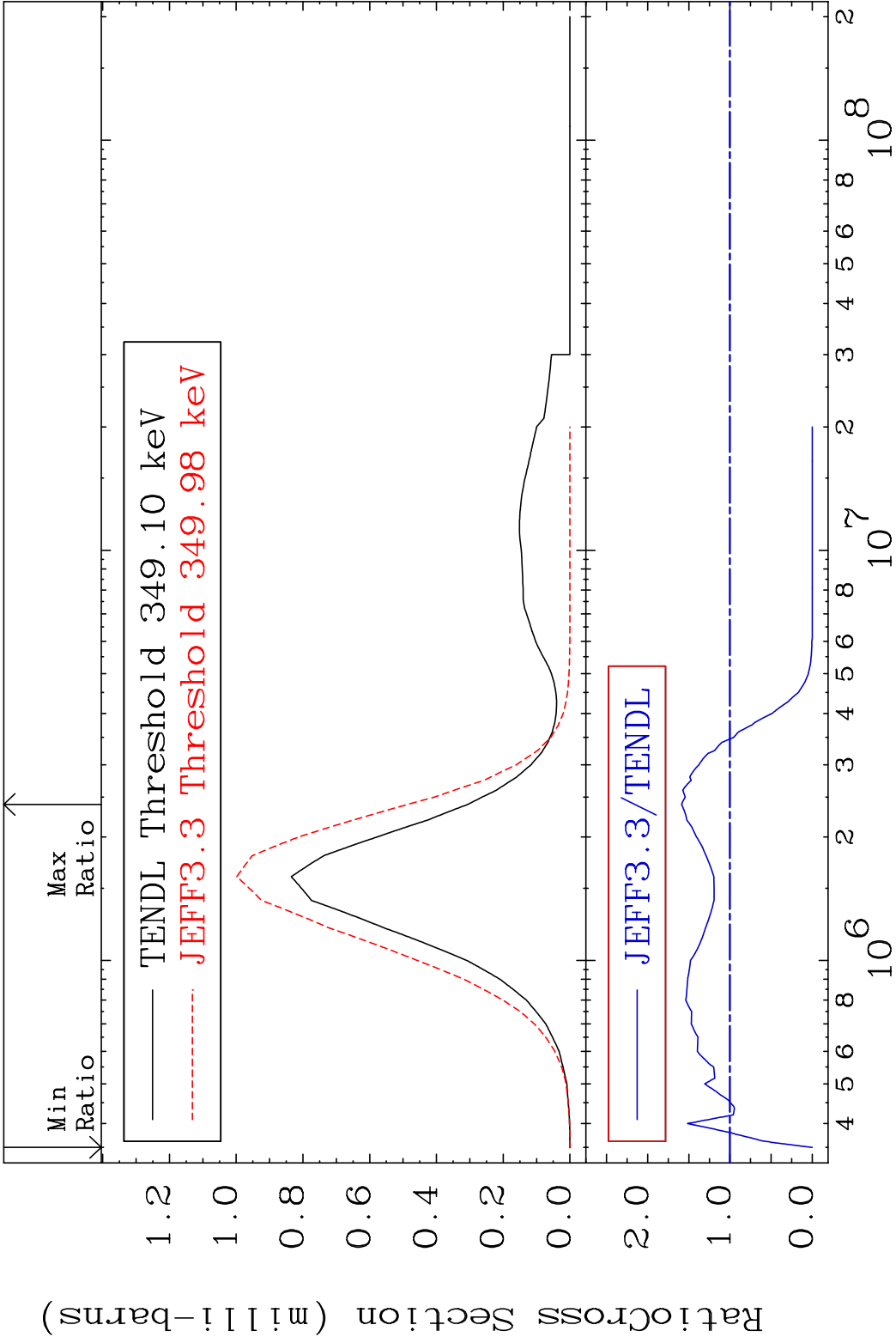
MAT 9346

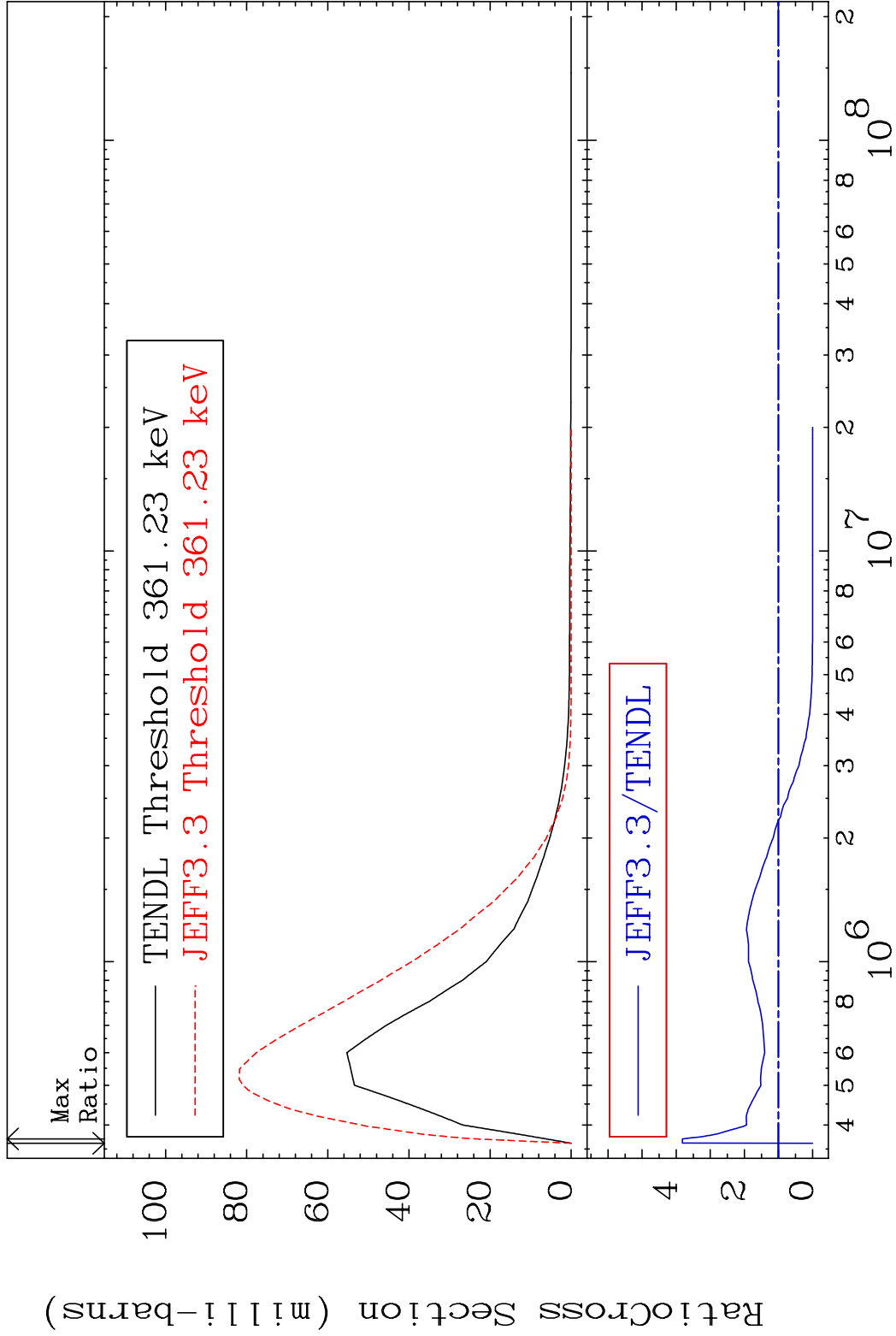
MT= 66 (n,n') Level

93-Np-237

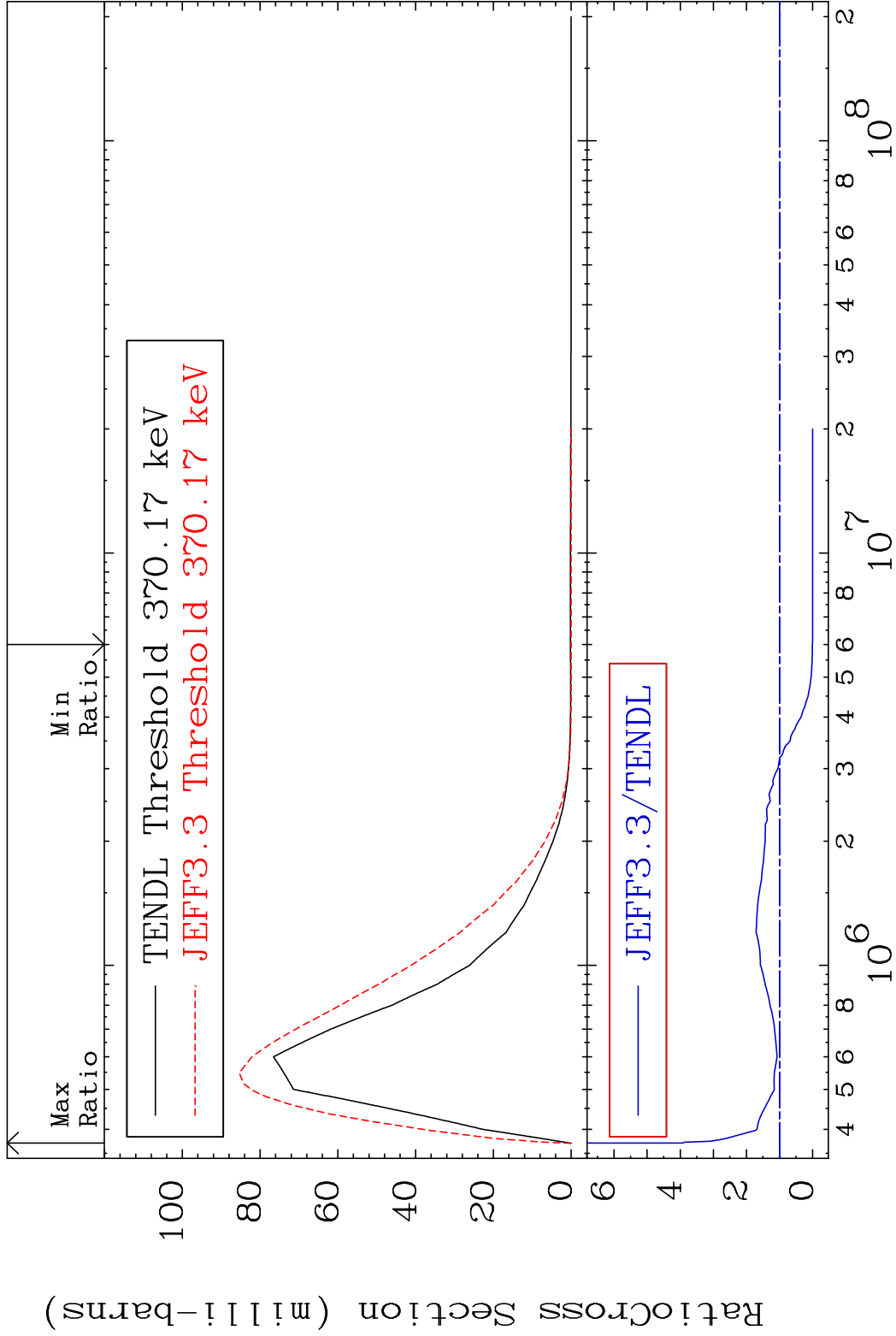
Cross Section

-100.0 To 58.86 %

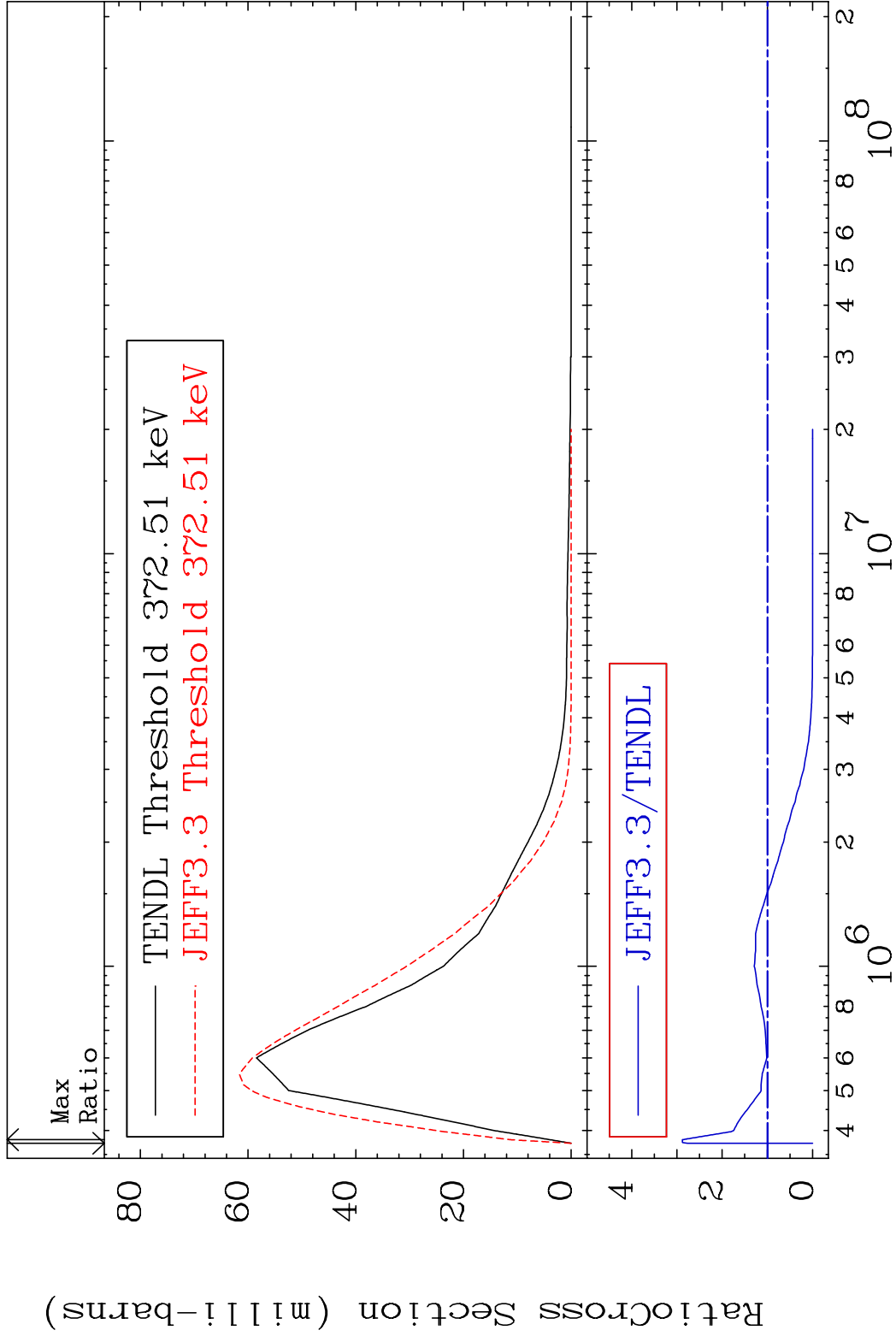


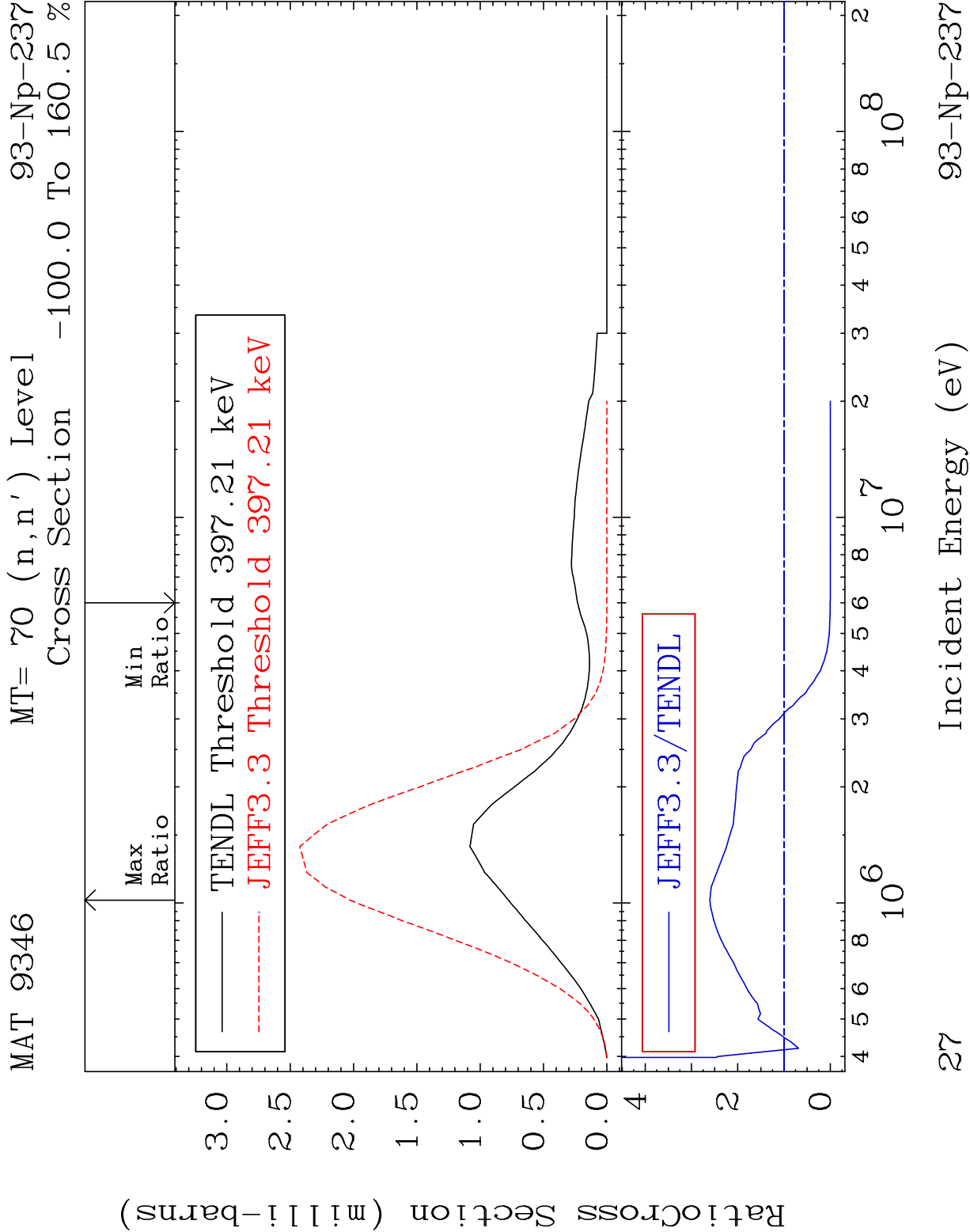


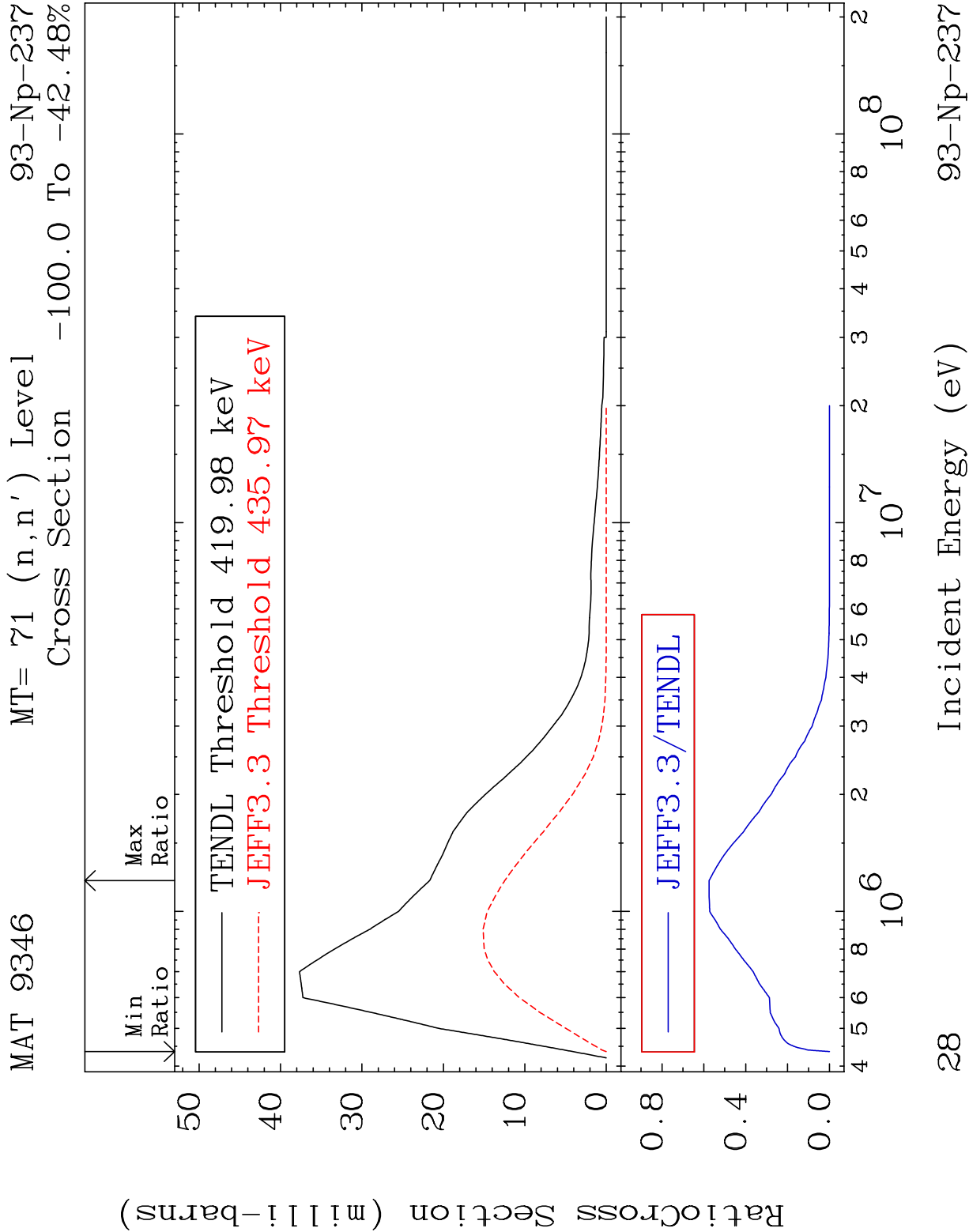
MAT 9346 MT= 68 (n,n') Level 93-Np-237
Cross Section -100.0 To 293.6 %



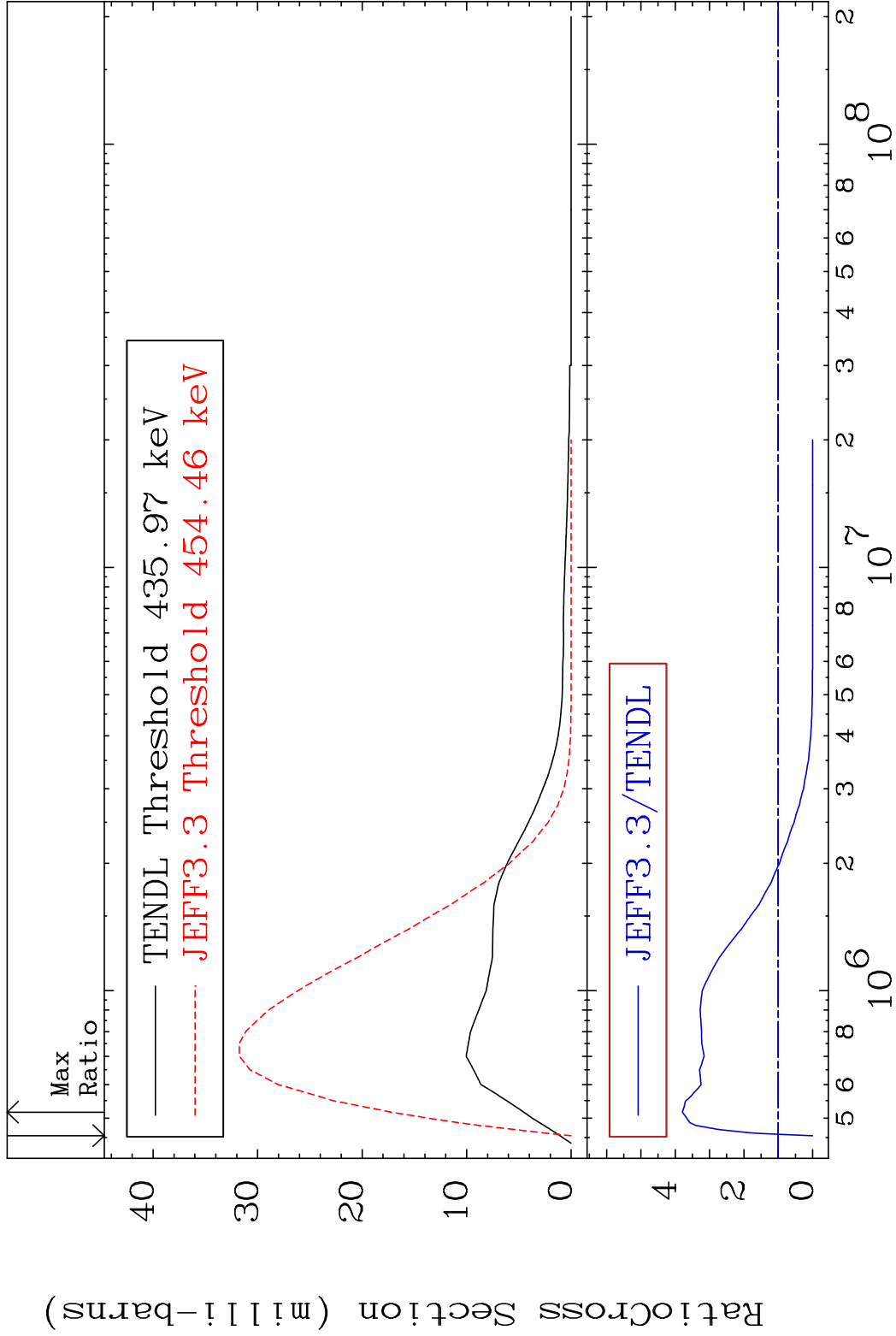
MAT 9346 MT= 69 (n,n') Level 93-Np-237
Cross Section -100.0 To 188.0 %

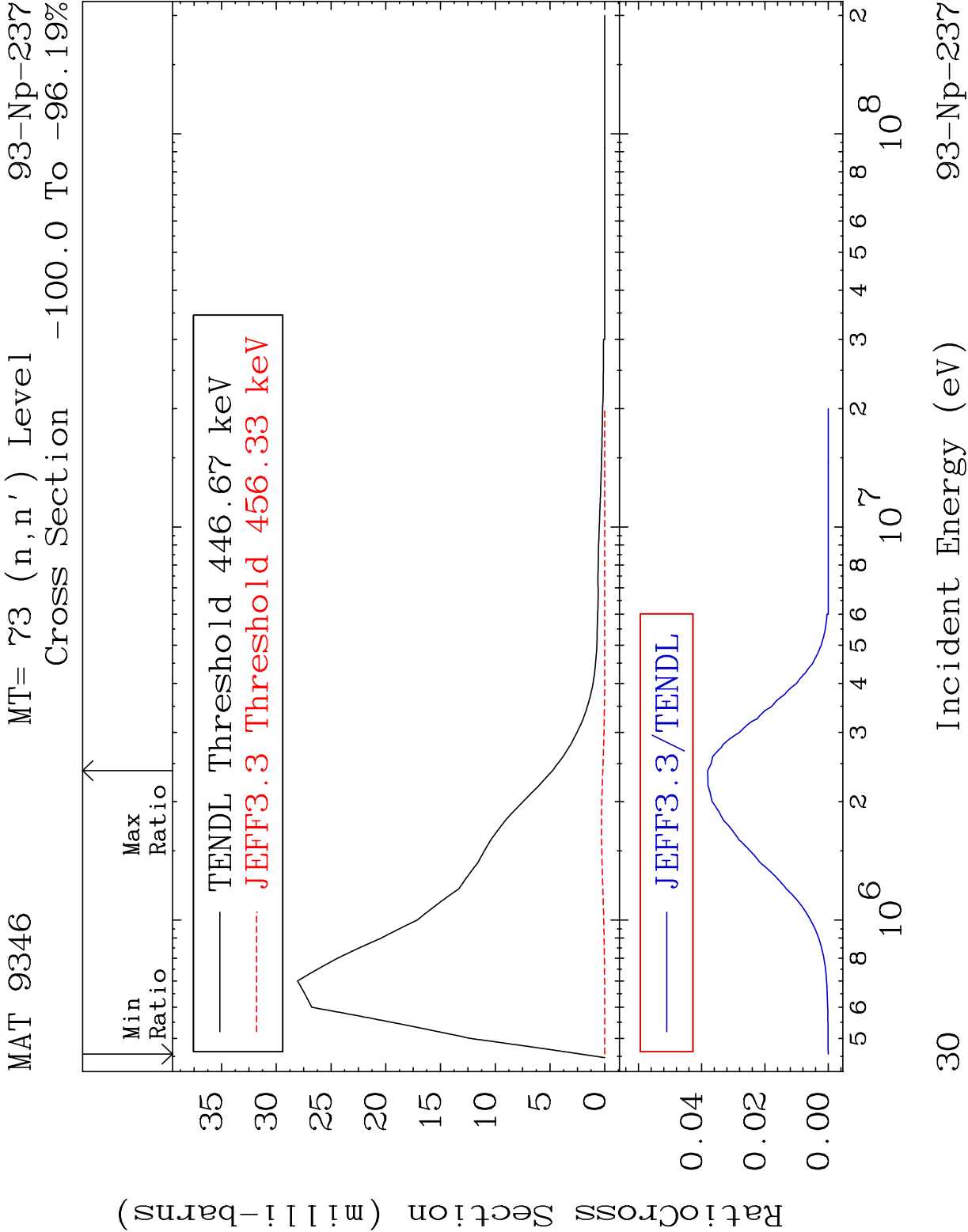




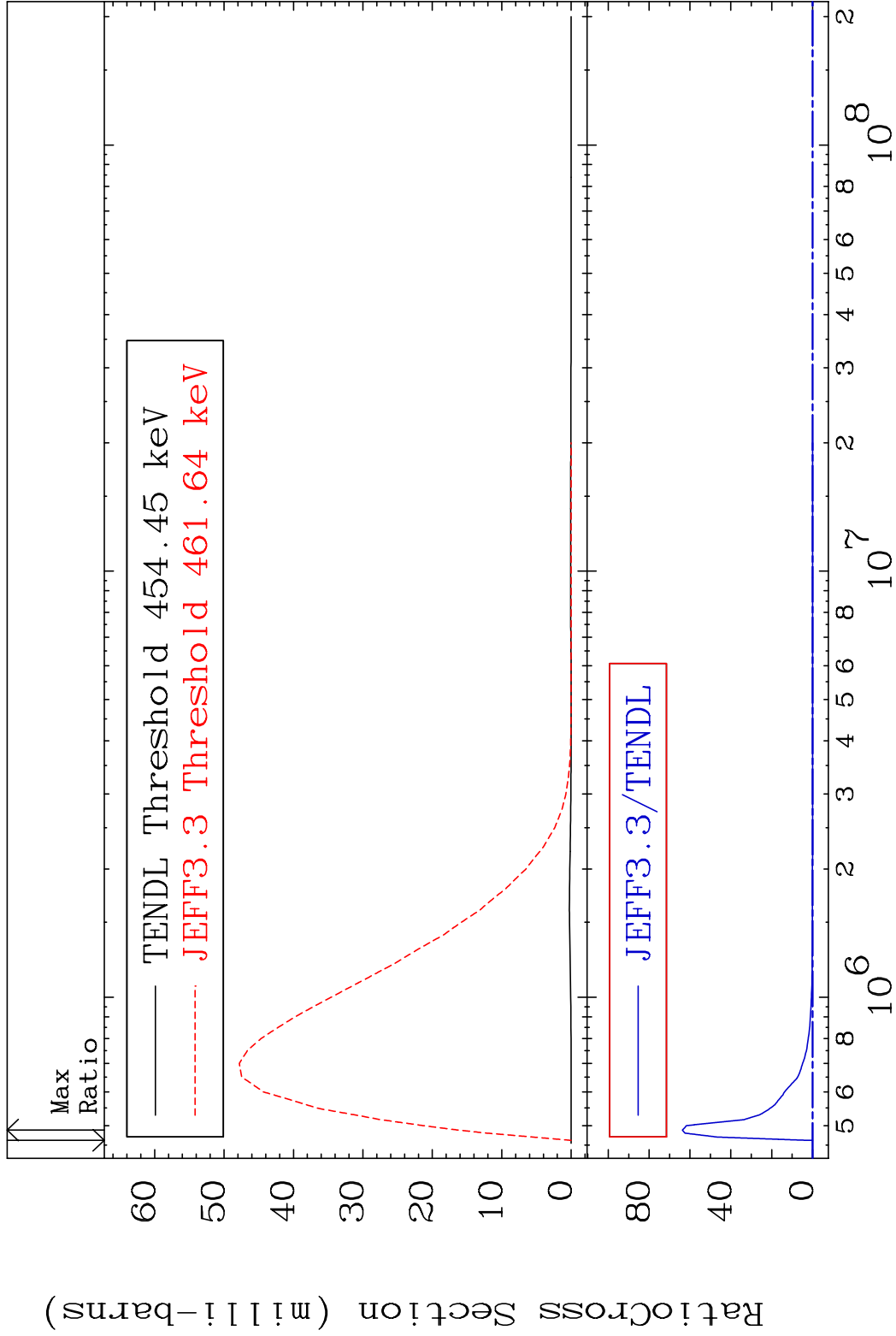


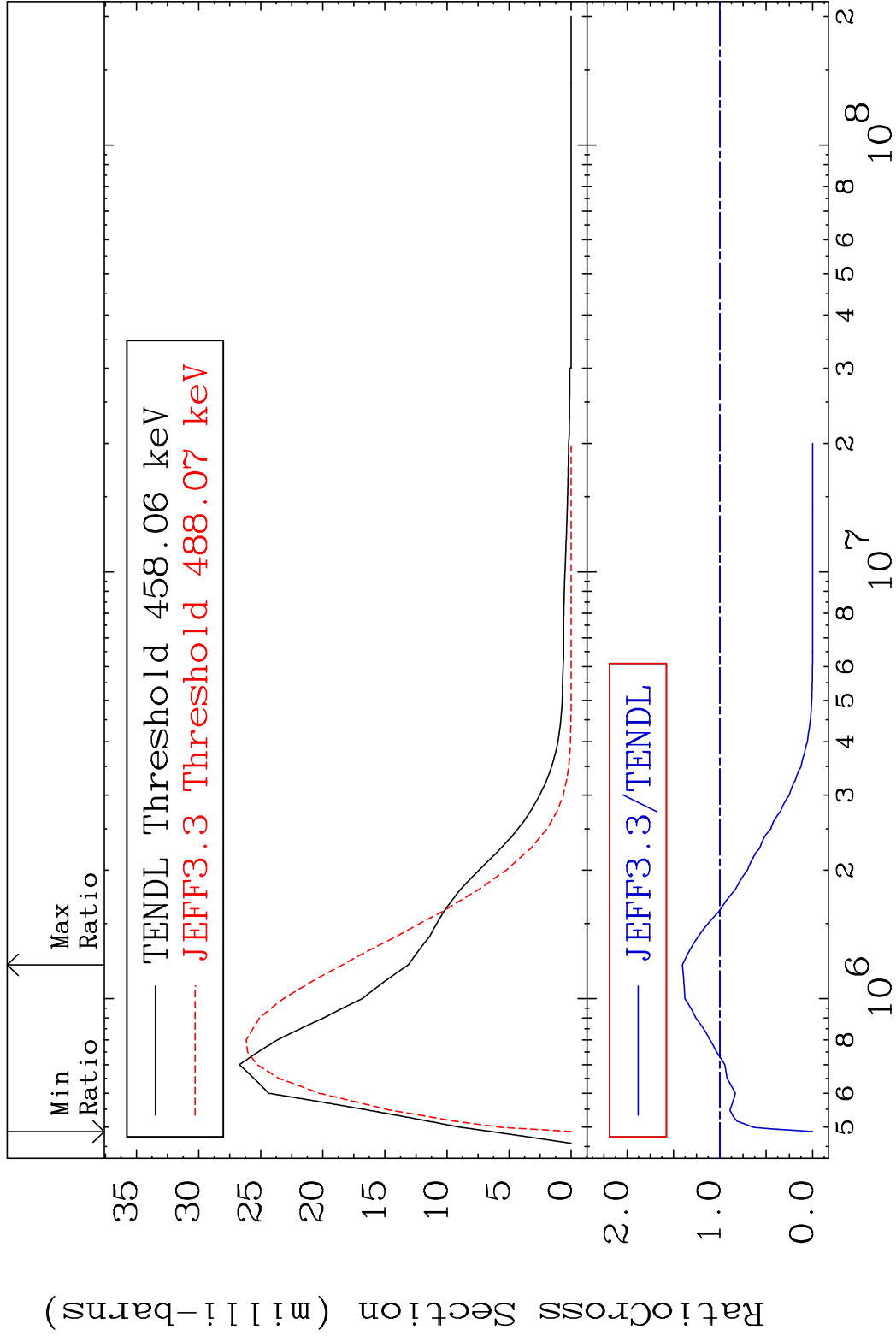
MAT 9346 MT= 72 (n,n') Level 93-Np-237
Cross Section -100.0 To 279.3 %

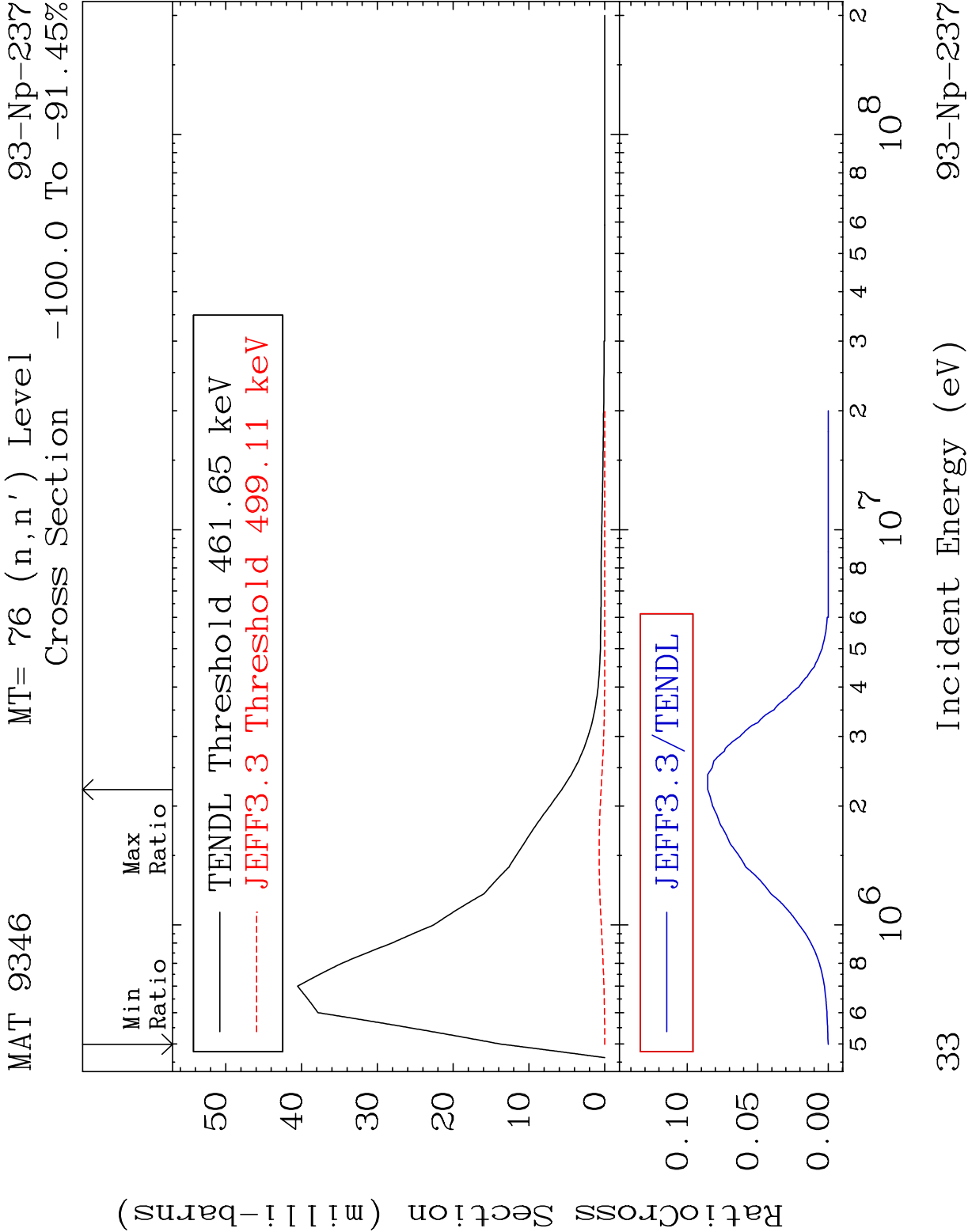




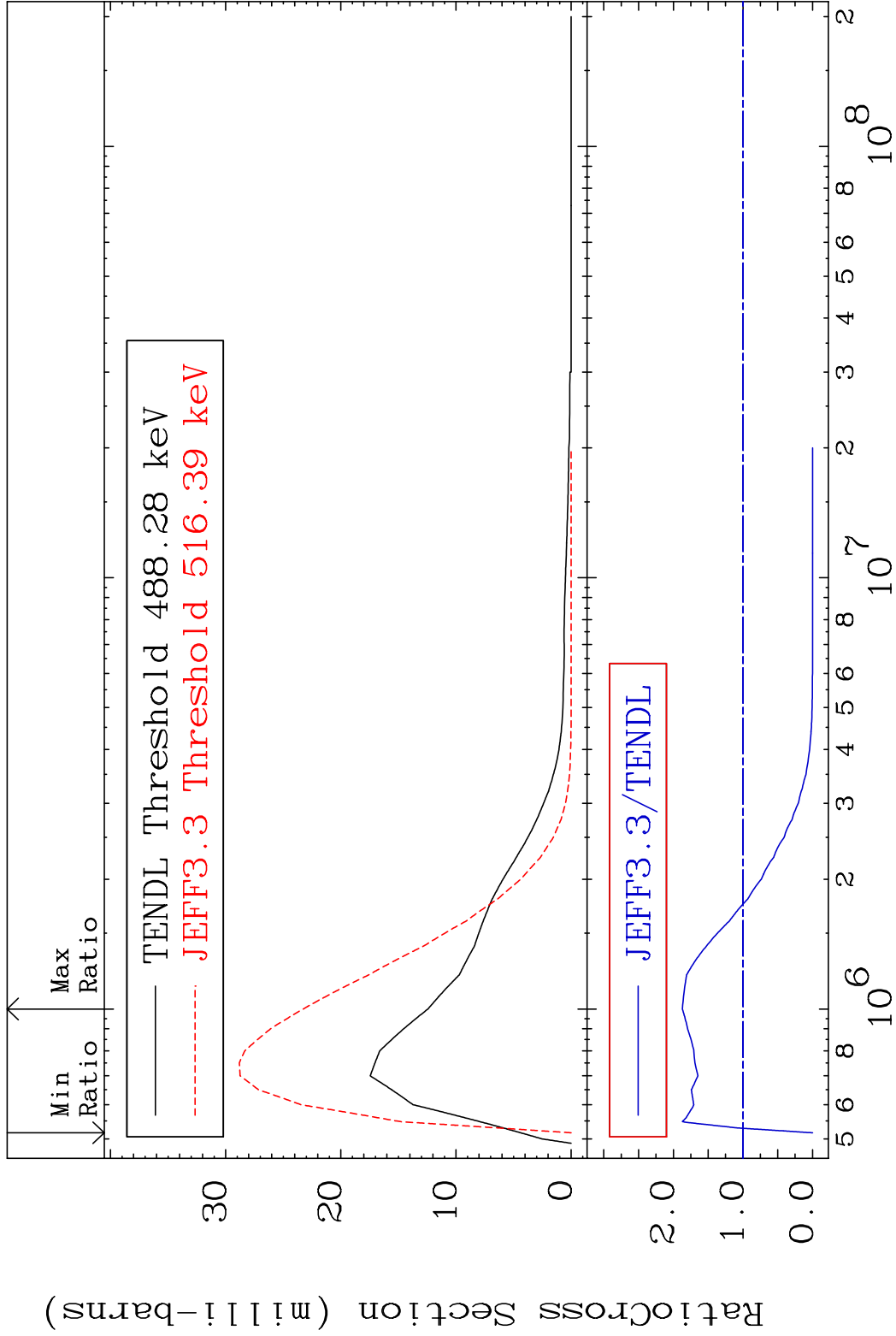
MAT 9346 MT= 74 (n,n') Level 93-Np-237
Cross Section -100.0 To 9999. %



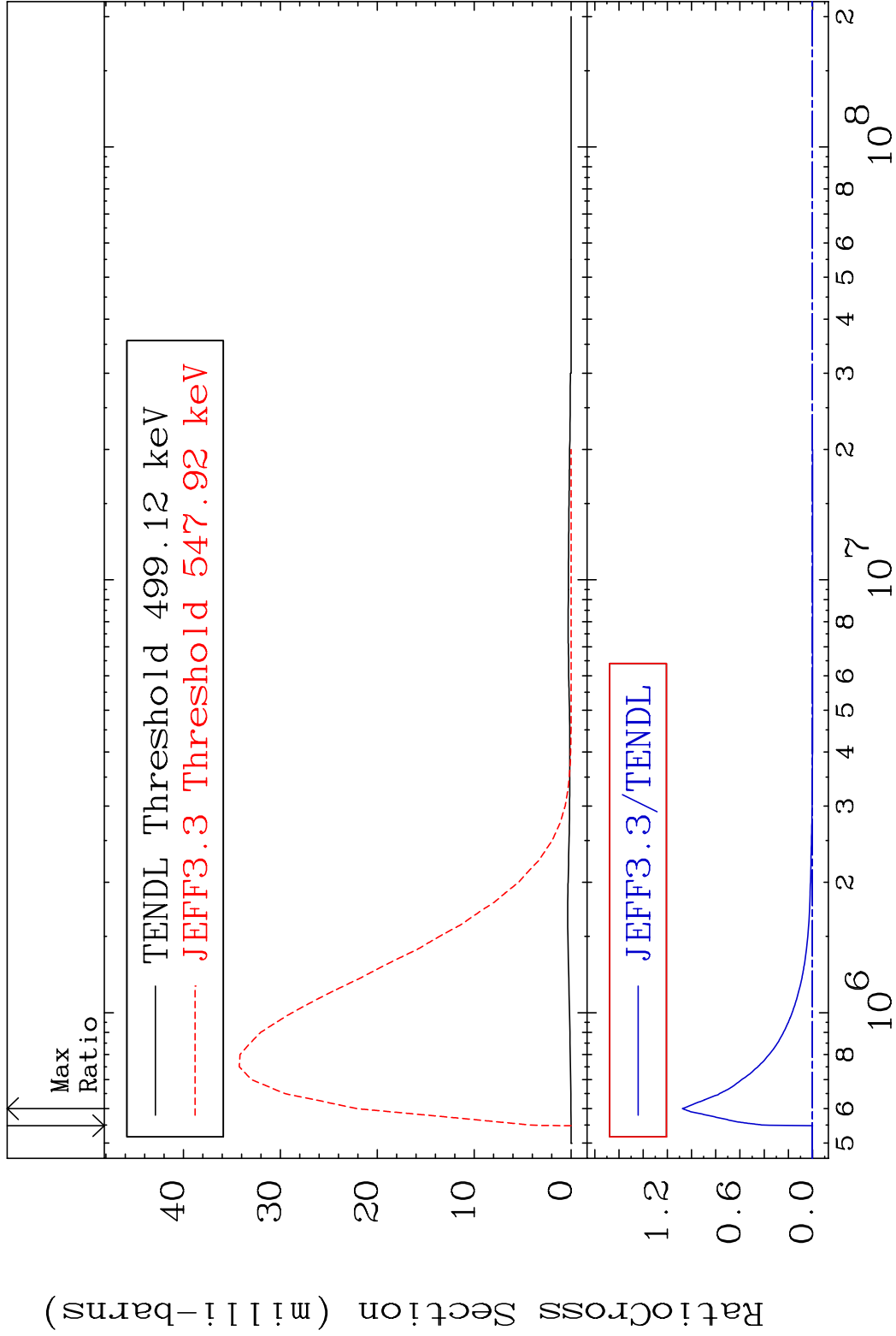




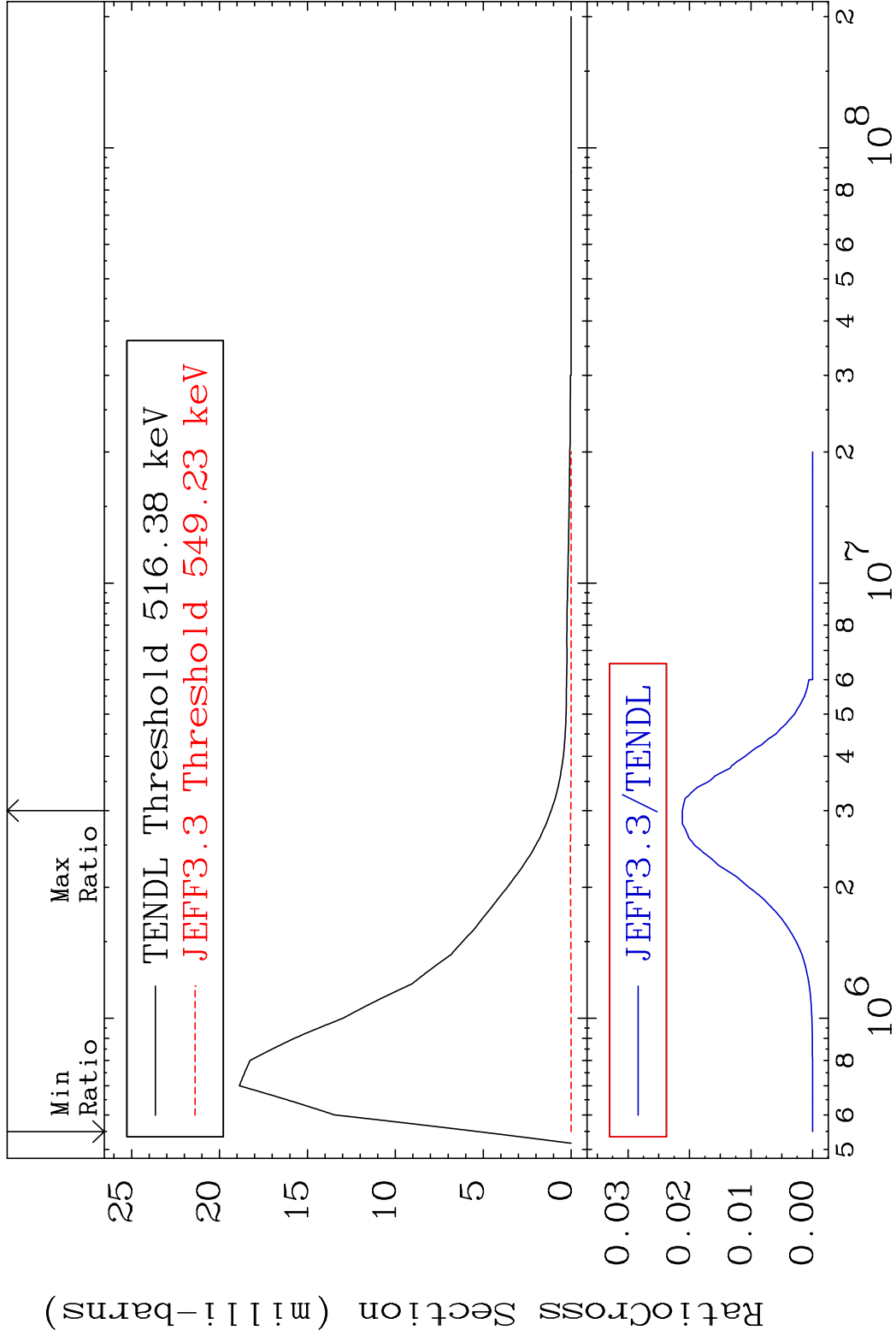
MAT 9346 MT= 77 (n,n') Level 93-Np-237
Cross Section -100.0 To 87.11 %

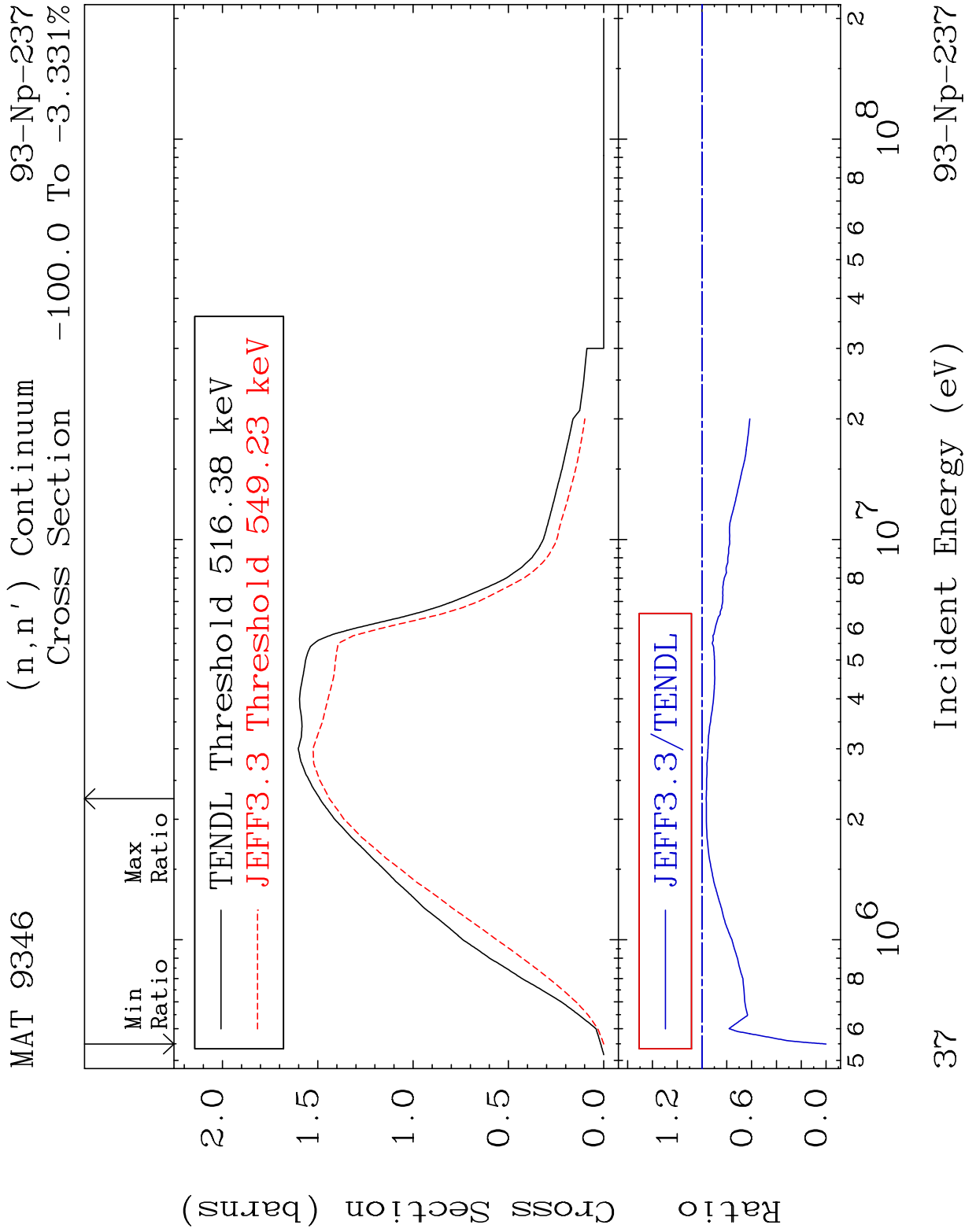


MAT 9346 MT= 78 (n,n') Level 93-Np-237
Cross Section -100.0 To 9999. %



MAT 9346 MT= 79 (n,n') Level 93-Np-237
Cross Section -100.0 To -97.88%



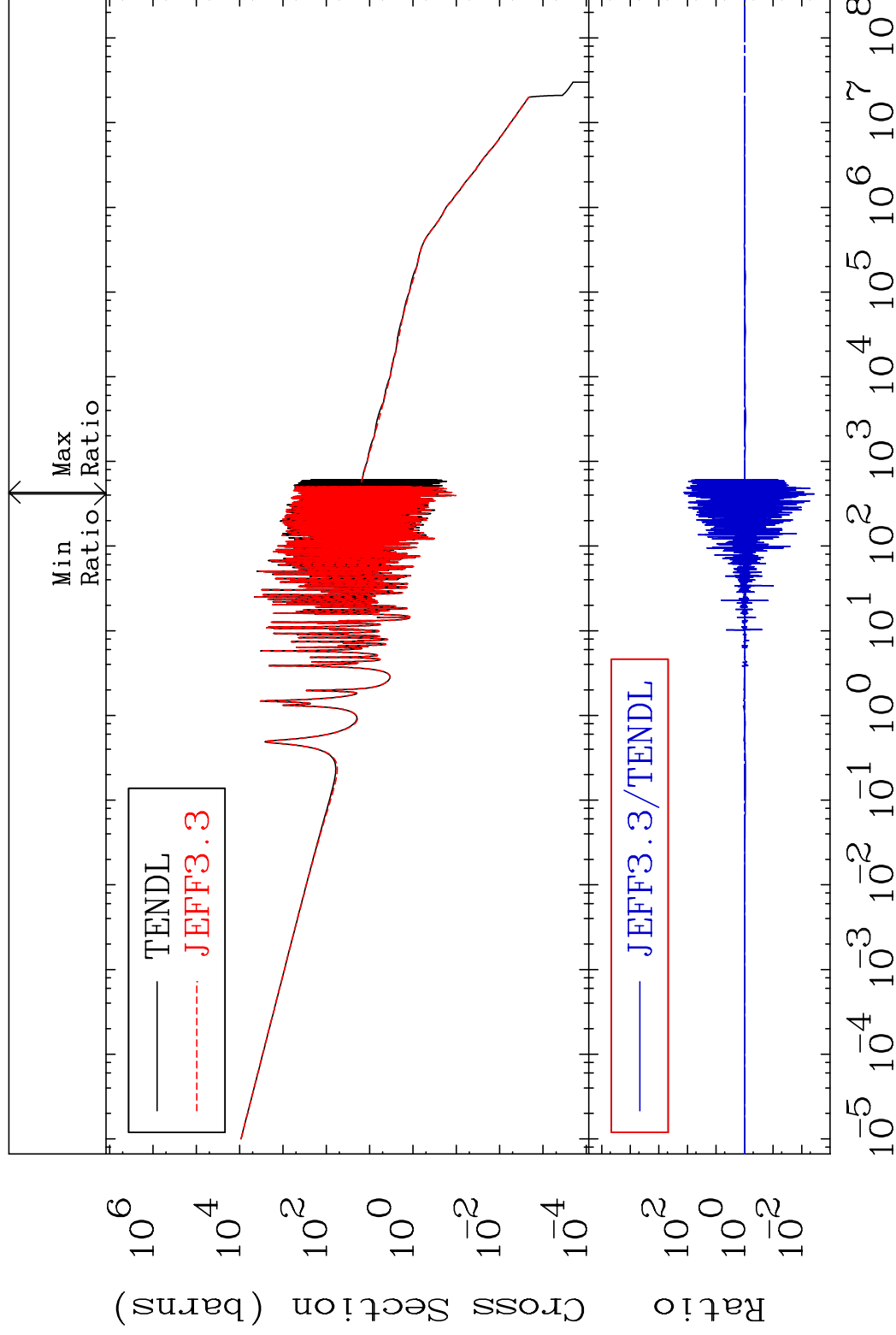


MAT 9346

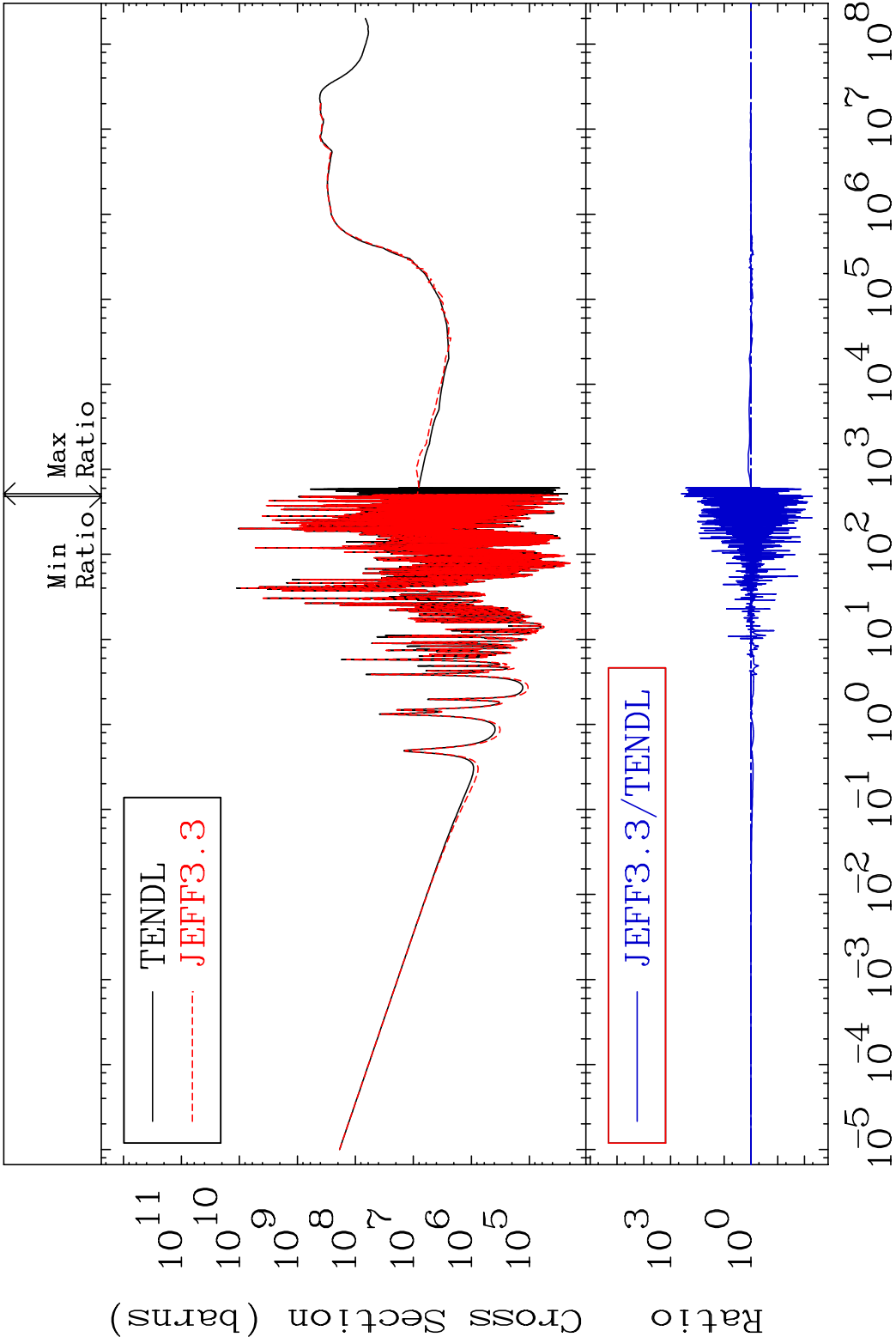
(n, γ)

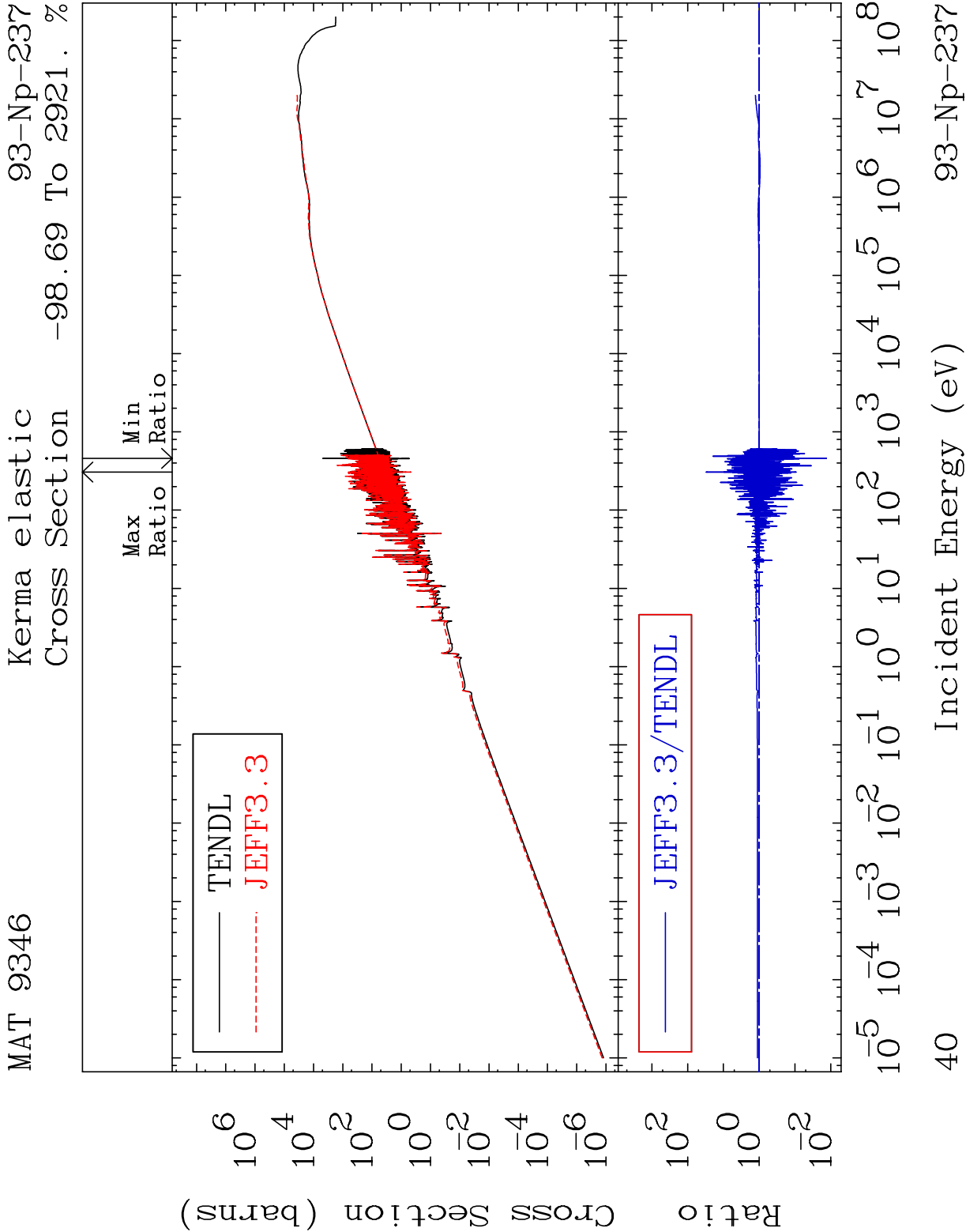
93-Np-237

Cross Section -99.64 To 9999. %

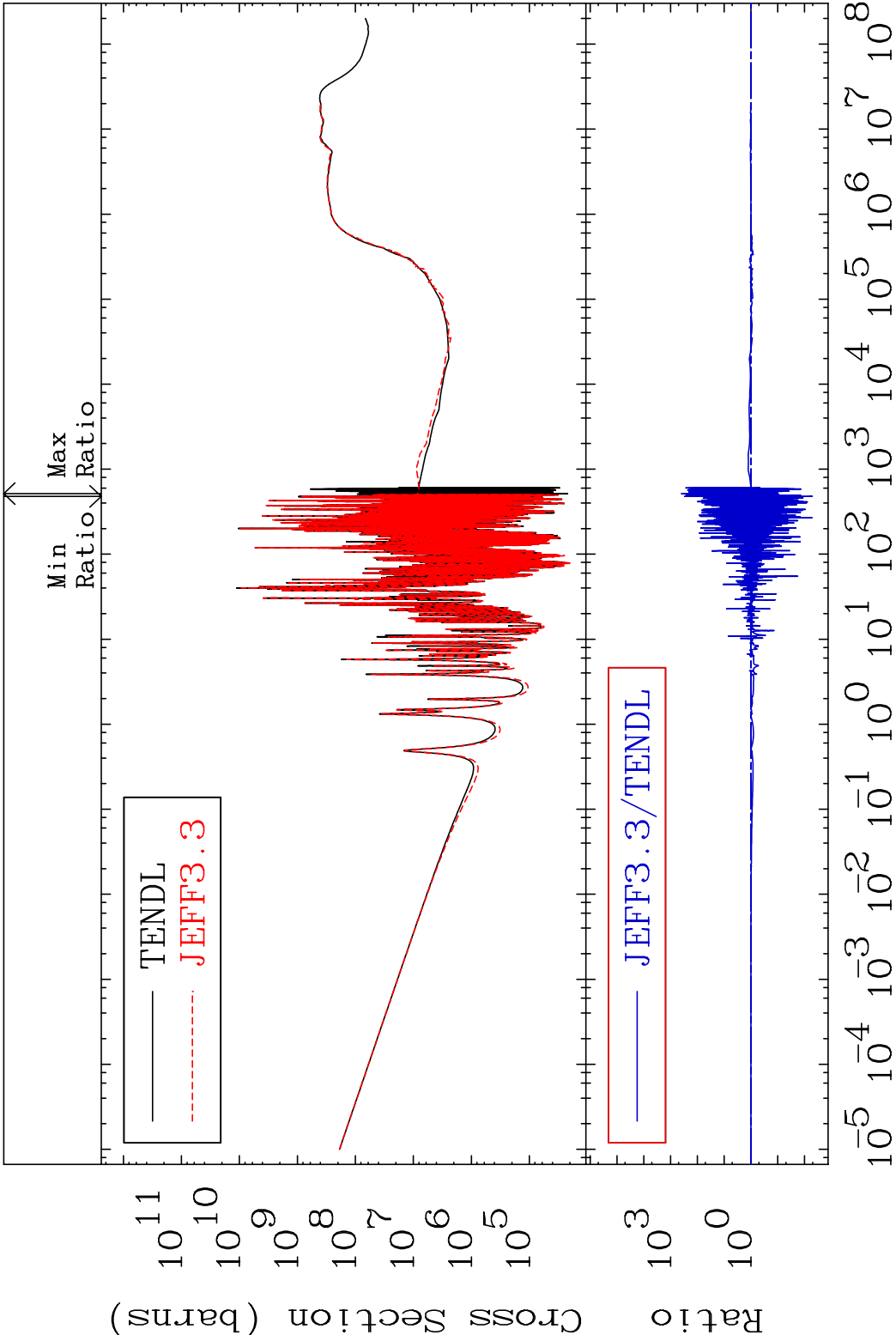


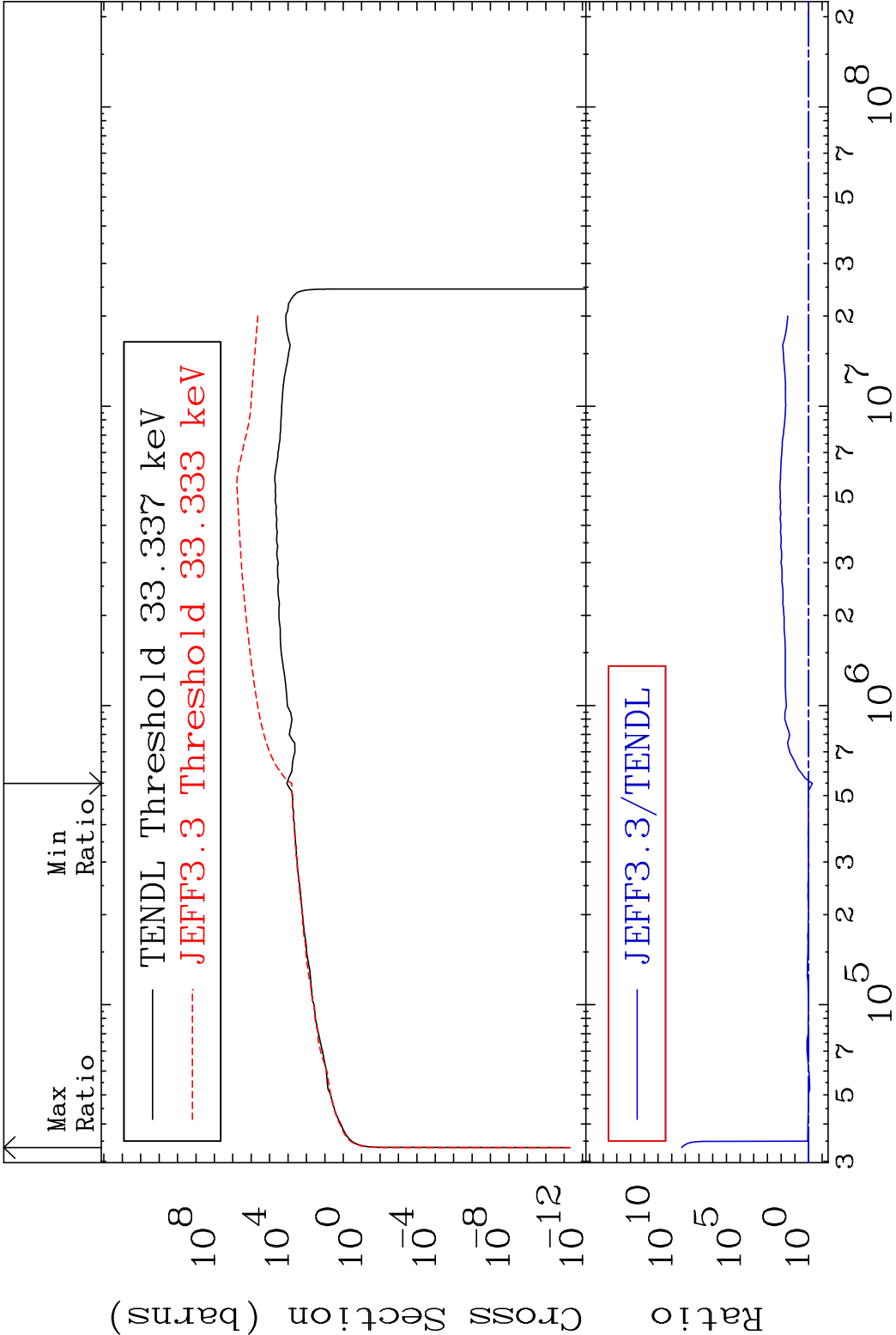
93-Np-237





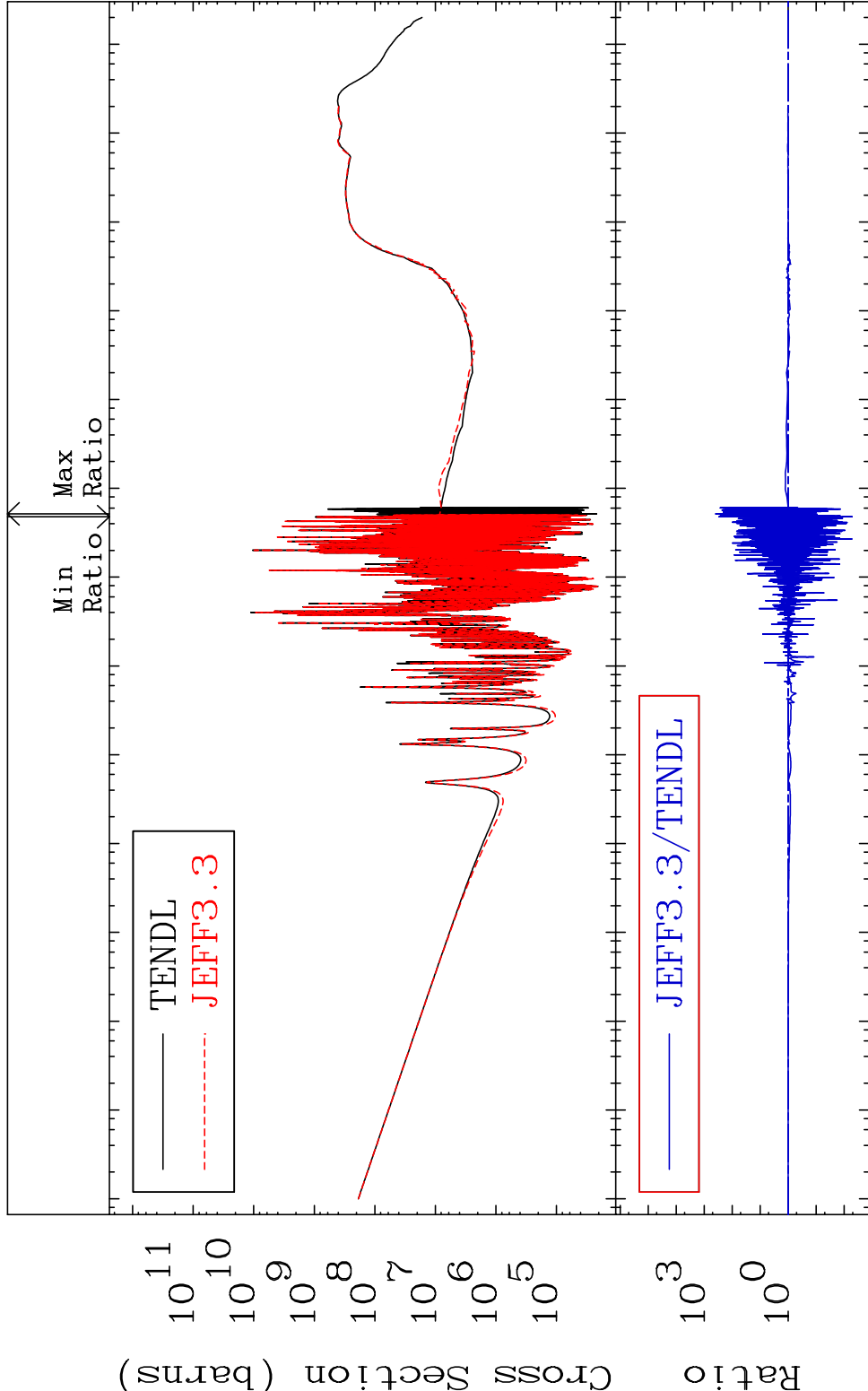
MAT 9346 Kerma non-elastic (all but mt2) 93-Np-237
 Cross Section -99.48 To 9999. %





MAT 9346 Kerma fission (mt18 or mt19-20-21-38) 93-Np-237

Cross Section -99.48 To 9999. %



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

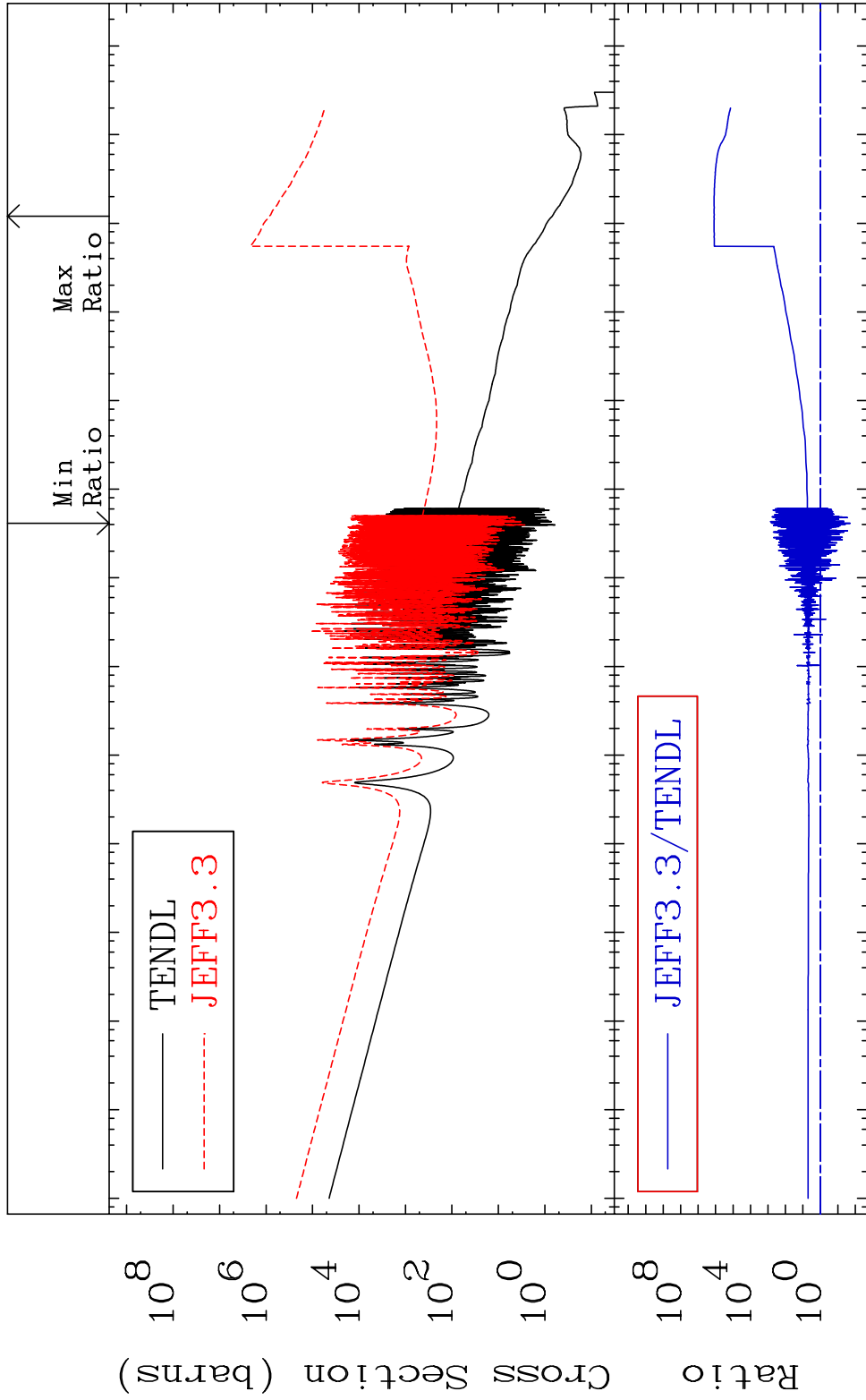
43 Incident Energy (eV) 93-Np-237

MAT 9346

Kerma capture (mt102)

93-Np-237

Cross Section -98.05 To 9999. %

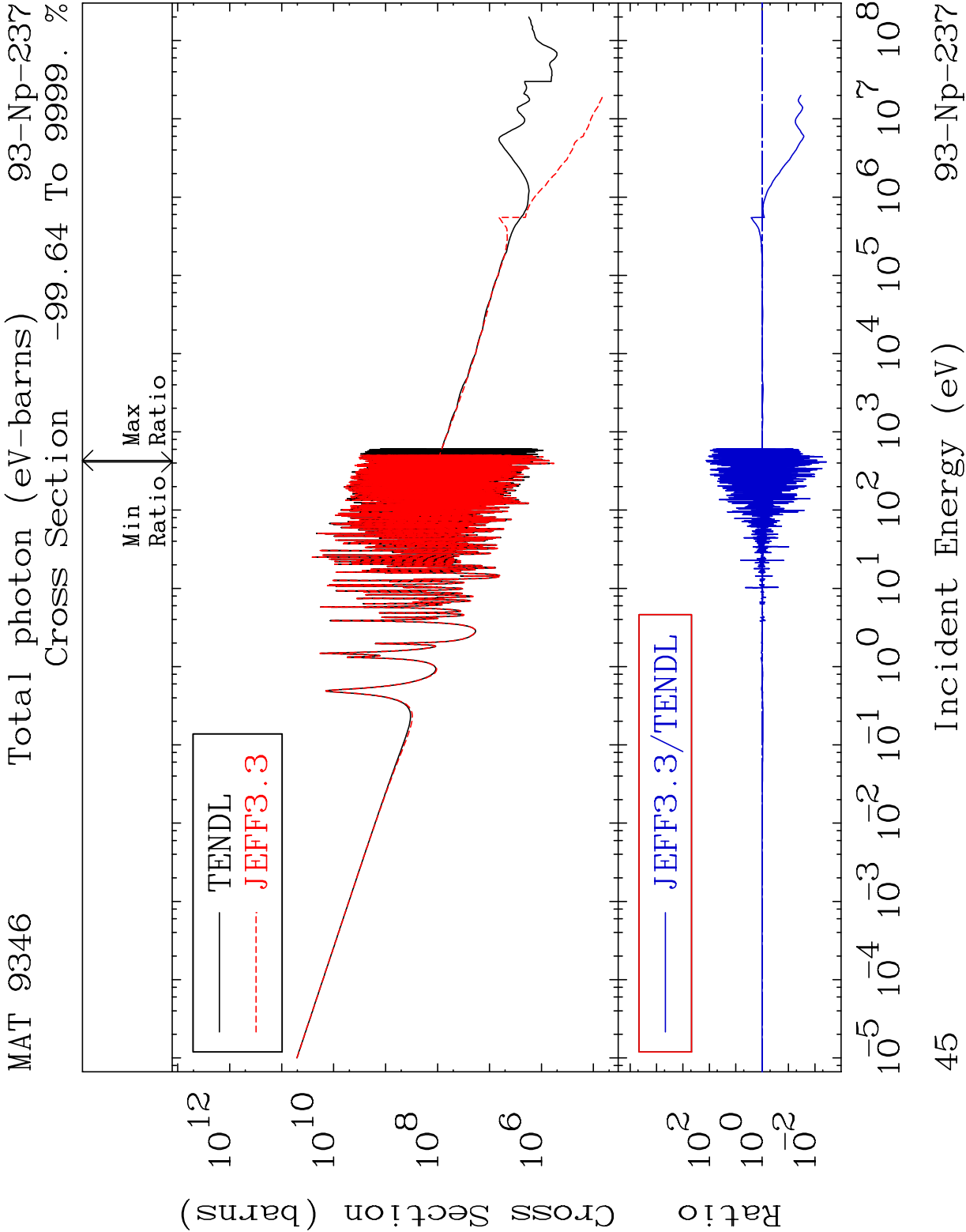


10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

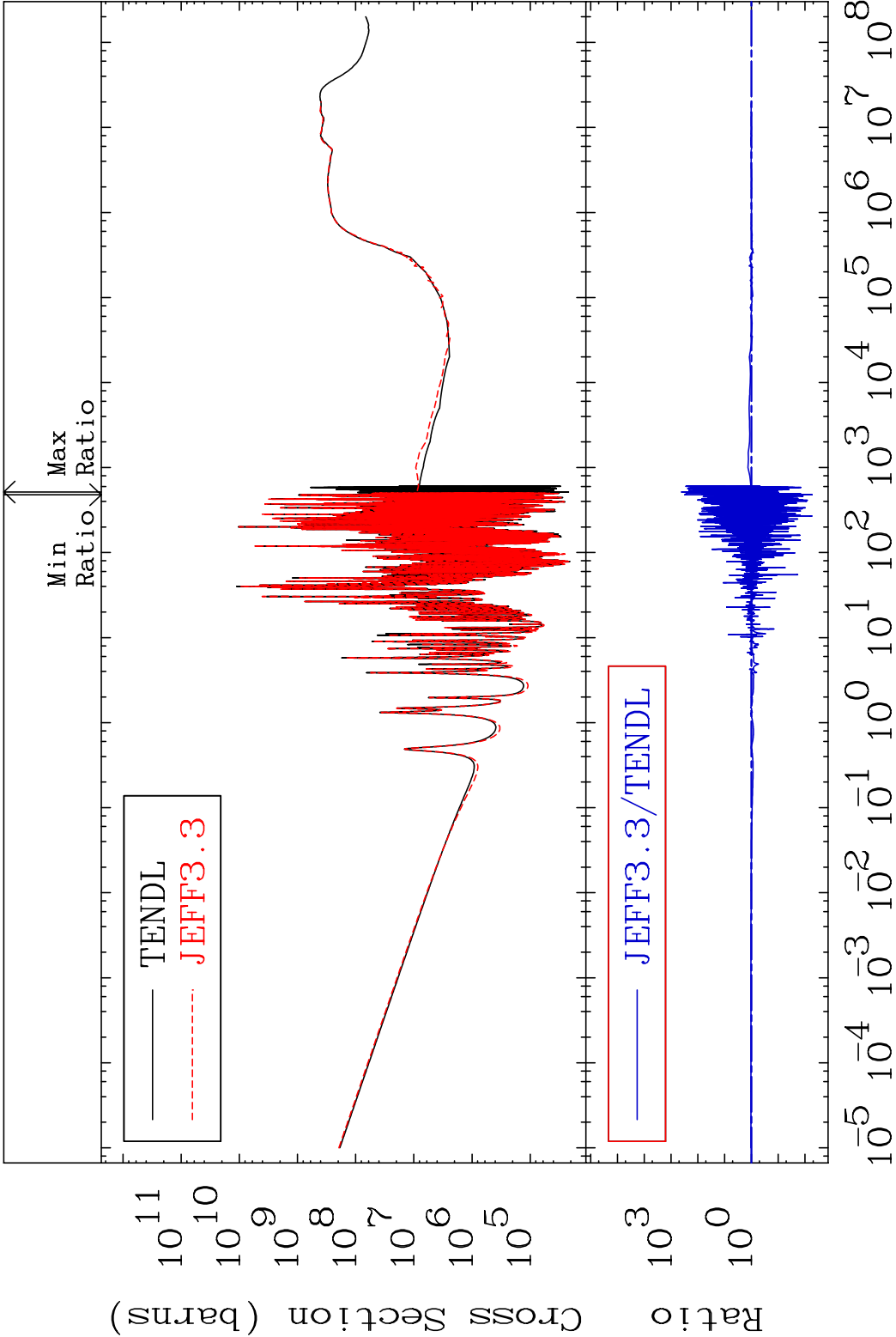
44

Incident Energy (eV)

93-Np-237



MAT 9346 Total kinematic kerma (high limit) 93-Np-237
Cross Section -99.46 To 9999. %



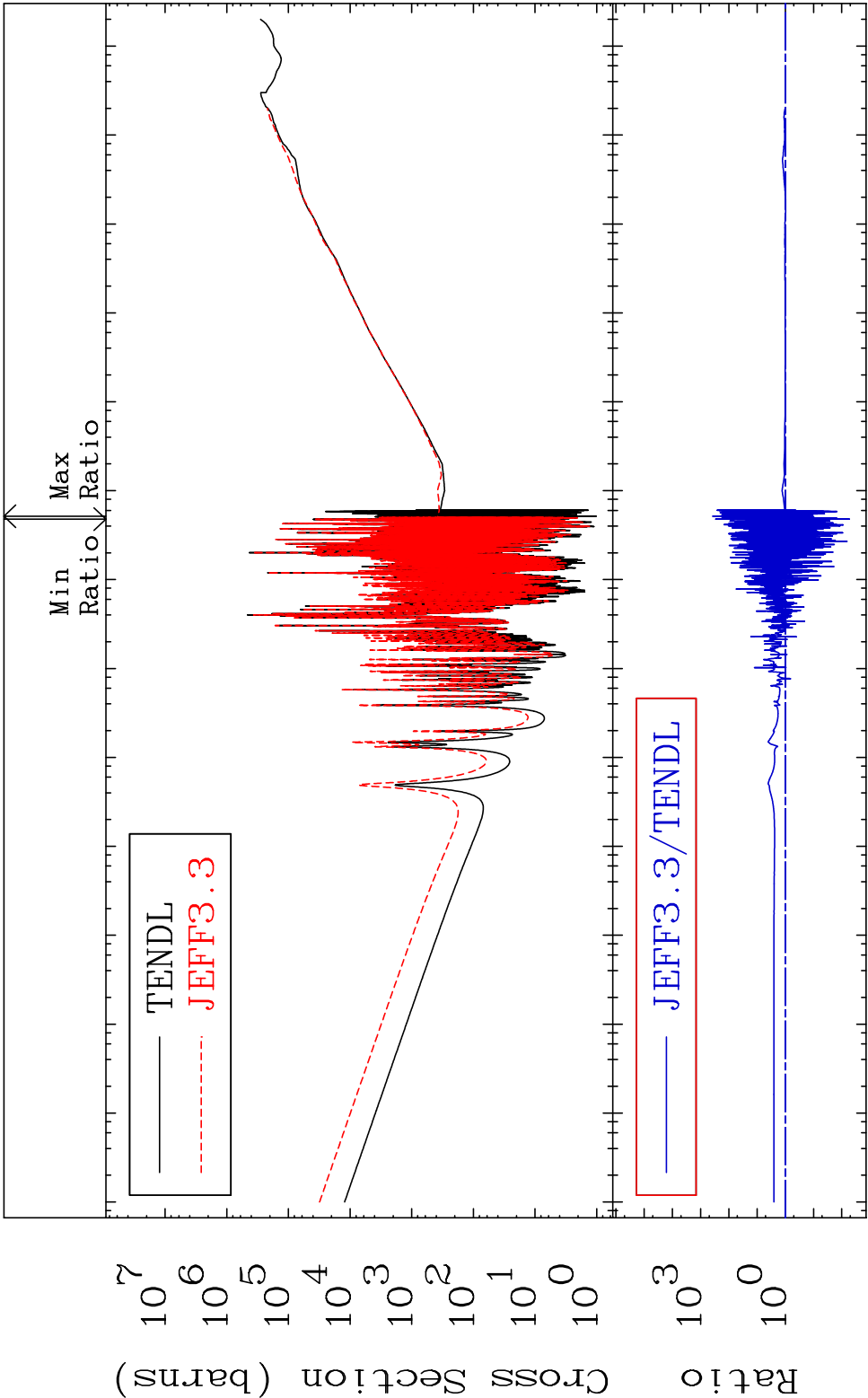
MAT 9346

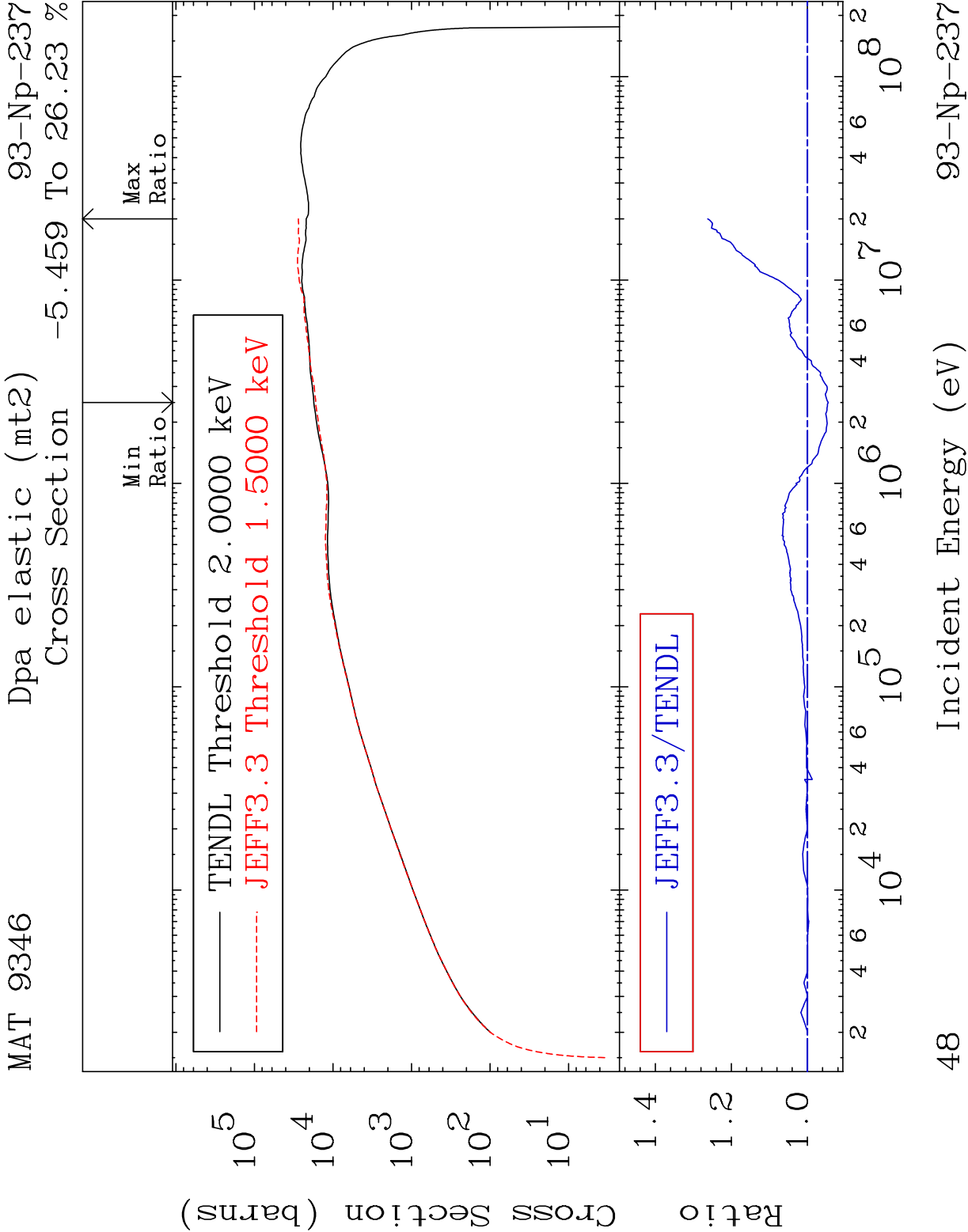
Dpa total (eV-barns)

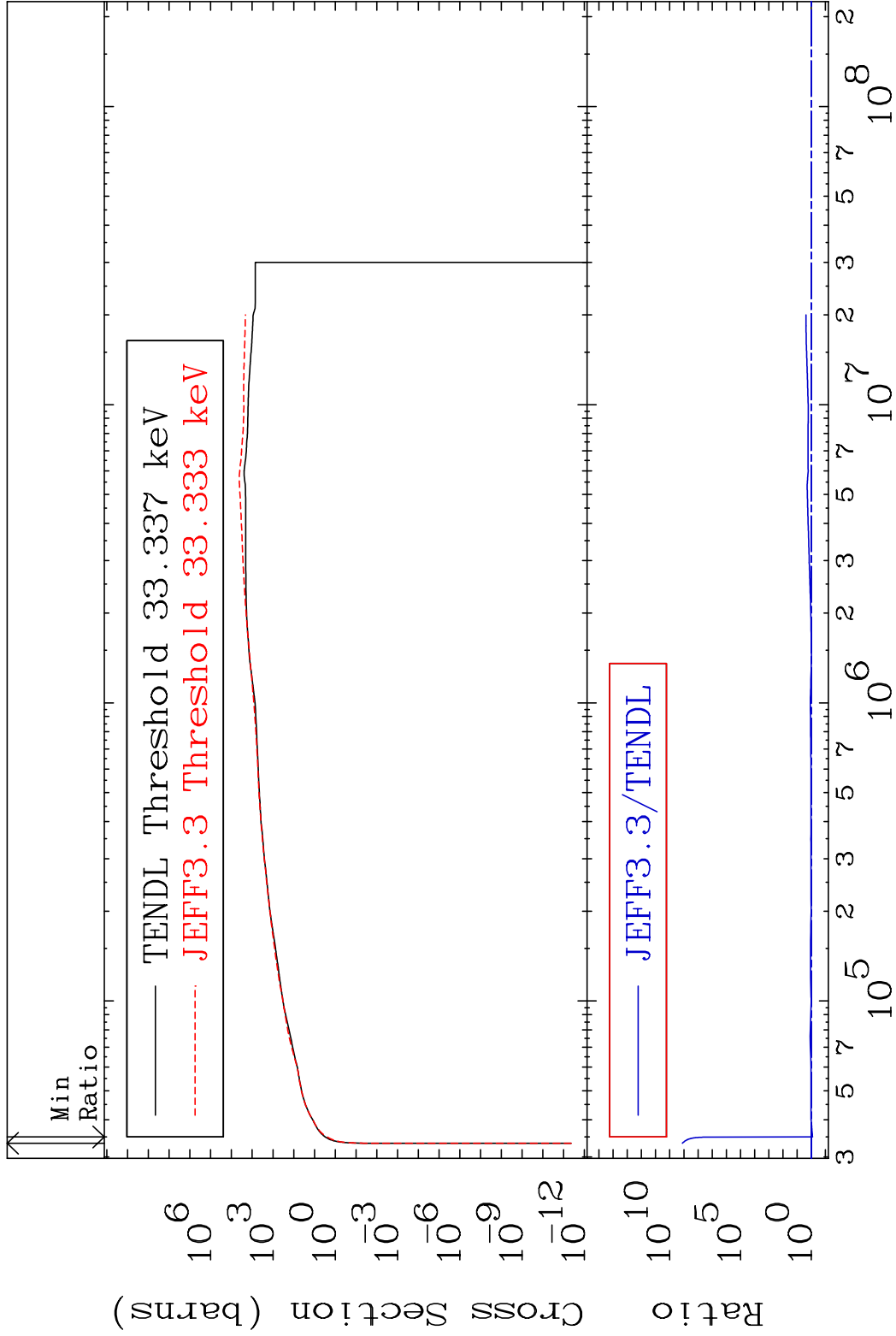
93-Np-237

Cross Section

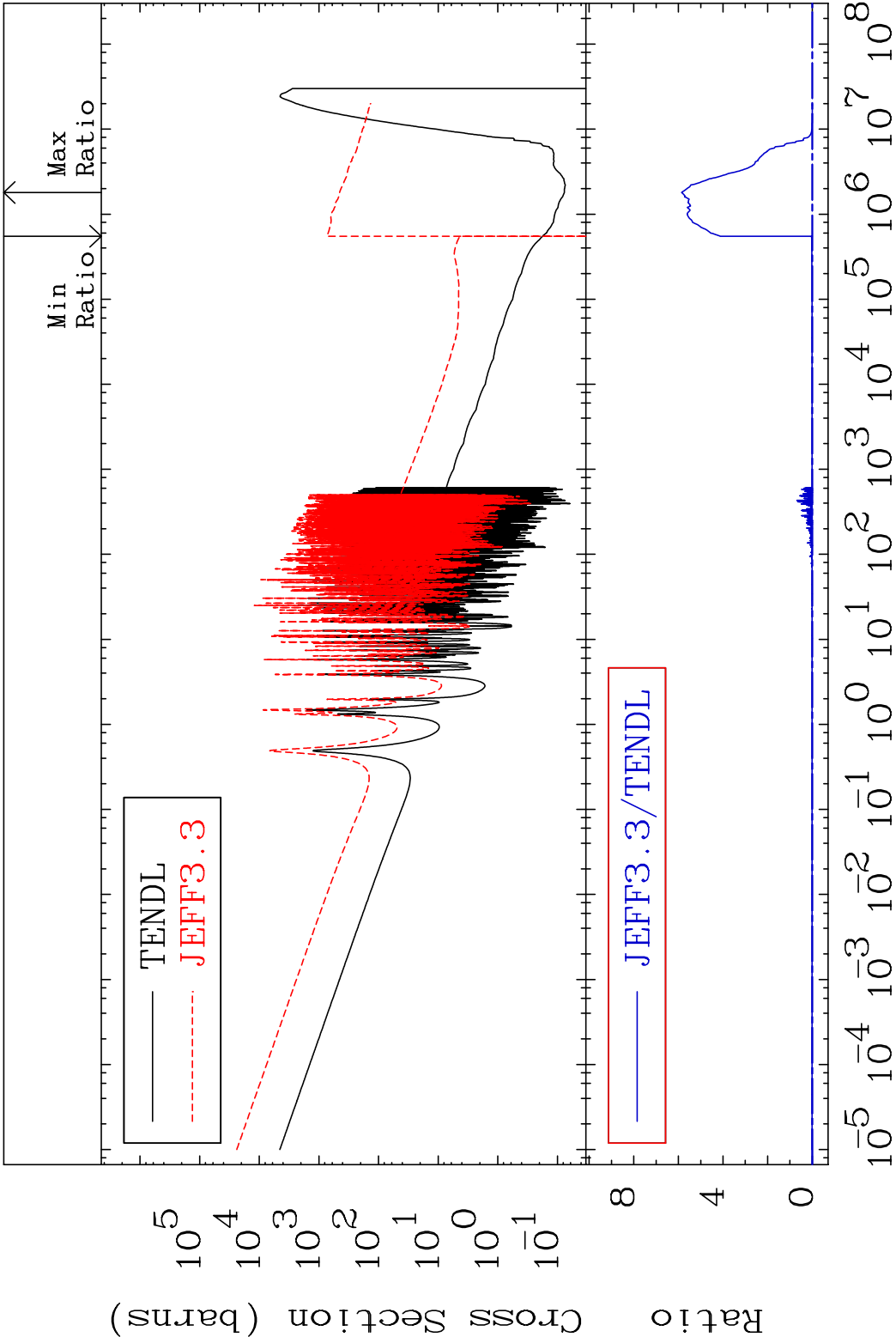
-99.47 To 9999. %







MAT 9346 Dpa disappearance (mt102 -120) 93-Np-237
Cross Section -100.0 To 9999. %



50 Incident Energy (eV) 93-Np-237