

Program Complot
(Version 2021-1)

by

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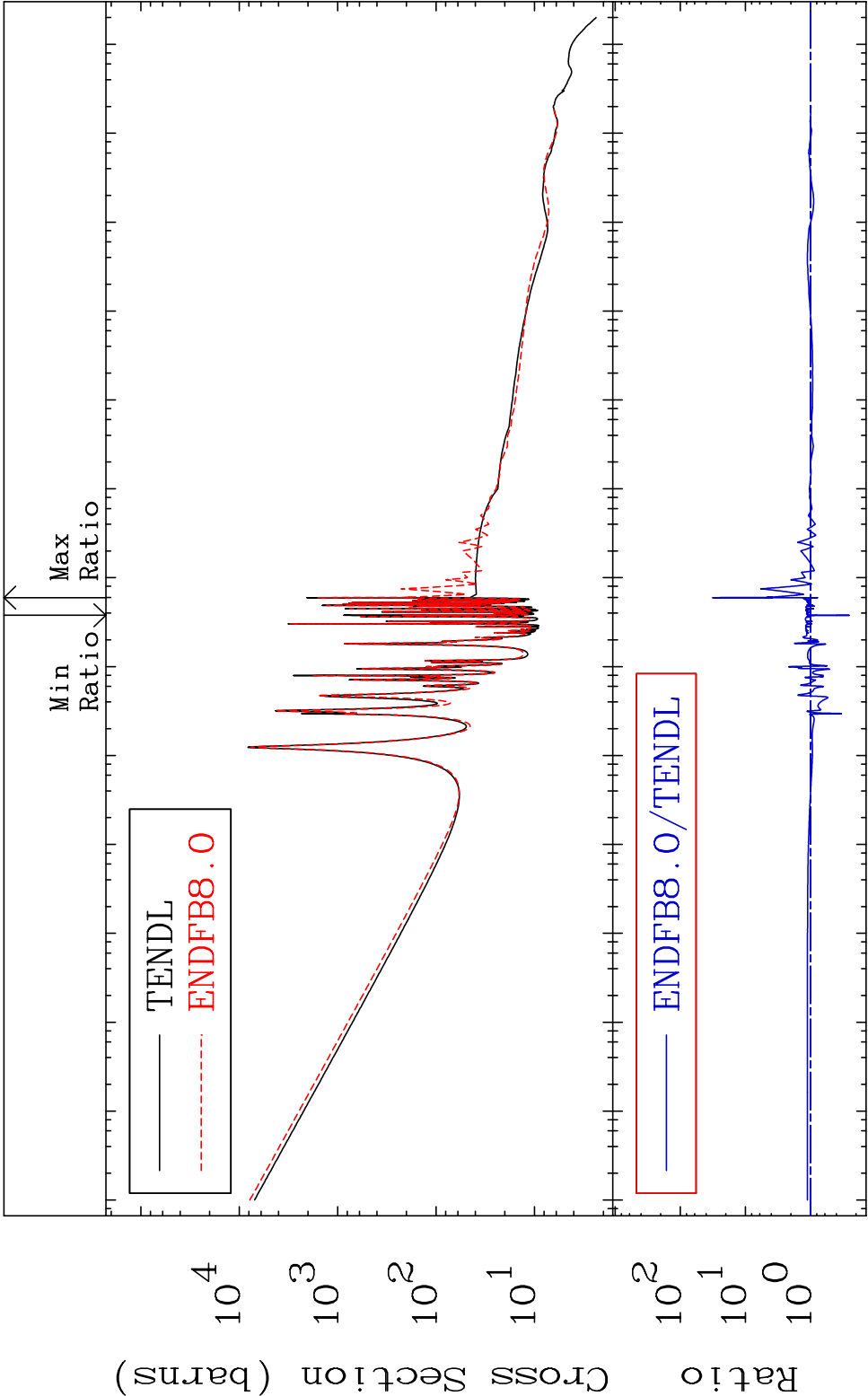
Press Mouse Button to Start

MAT 9646

Total

96-Cm-247

Cross Section -74.77 To 3064. %

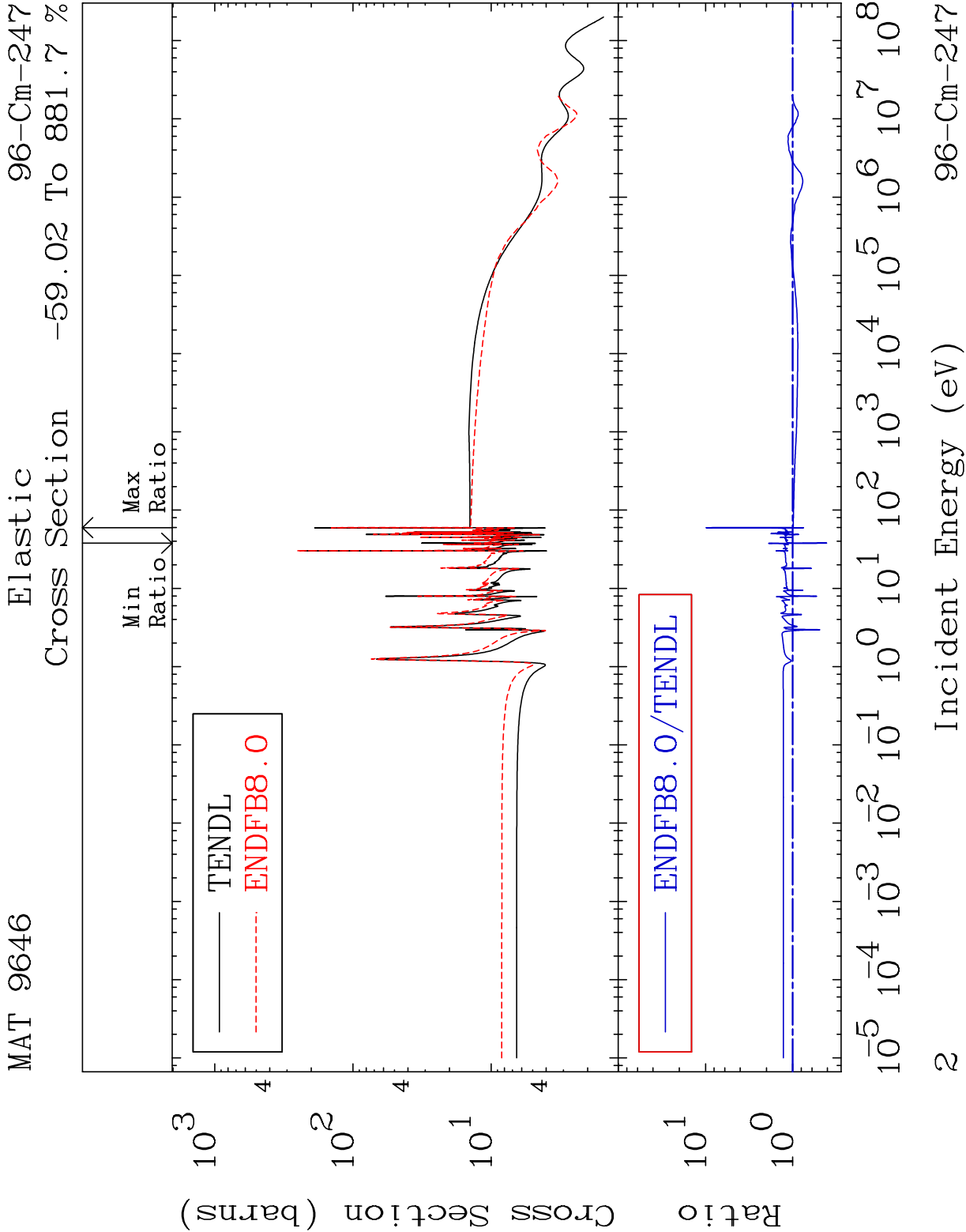


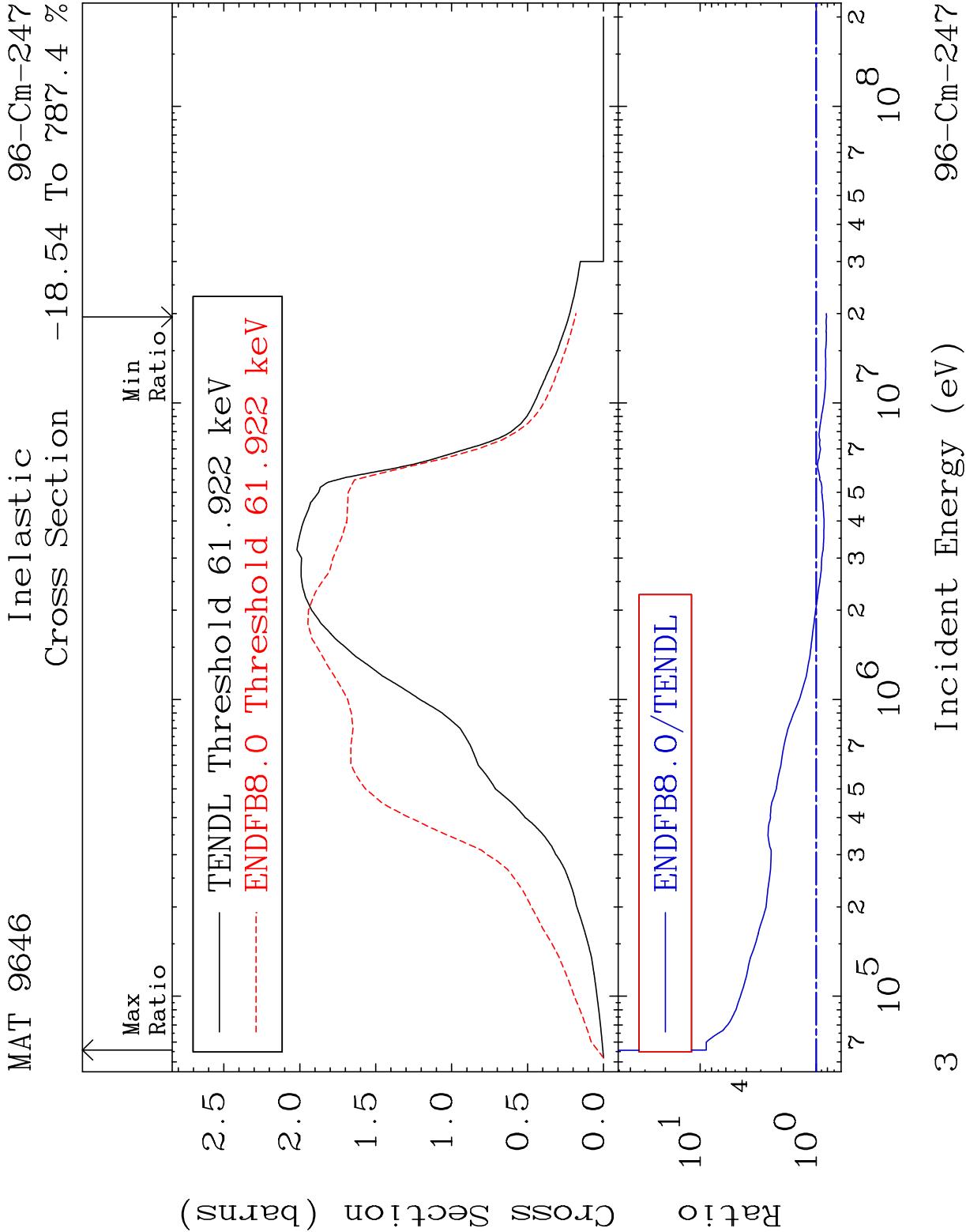
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

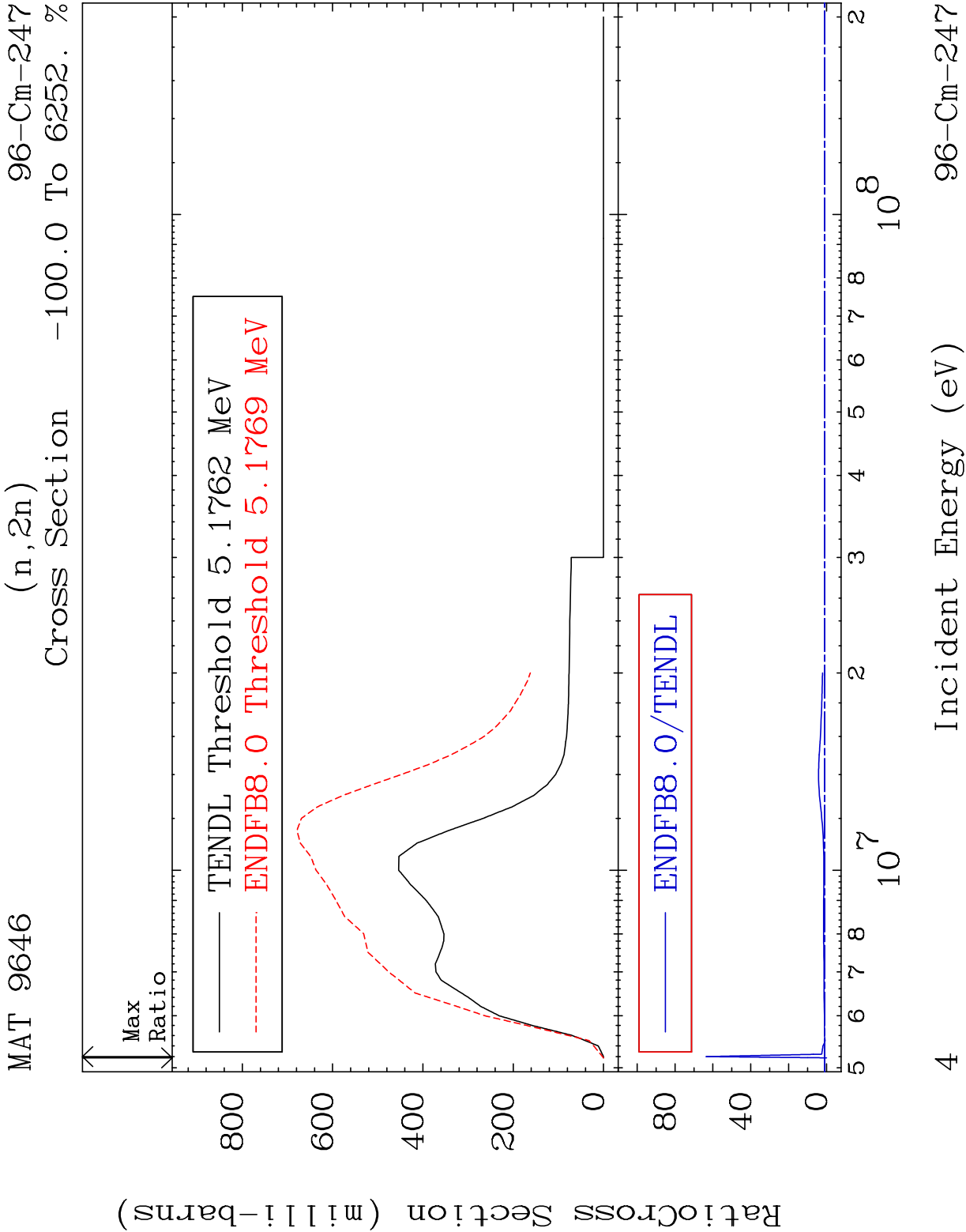
1

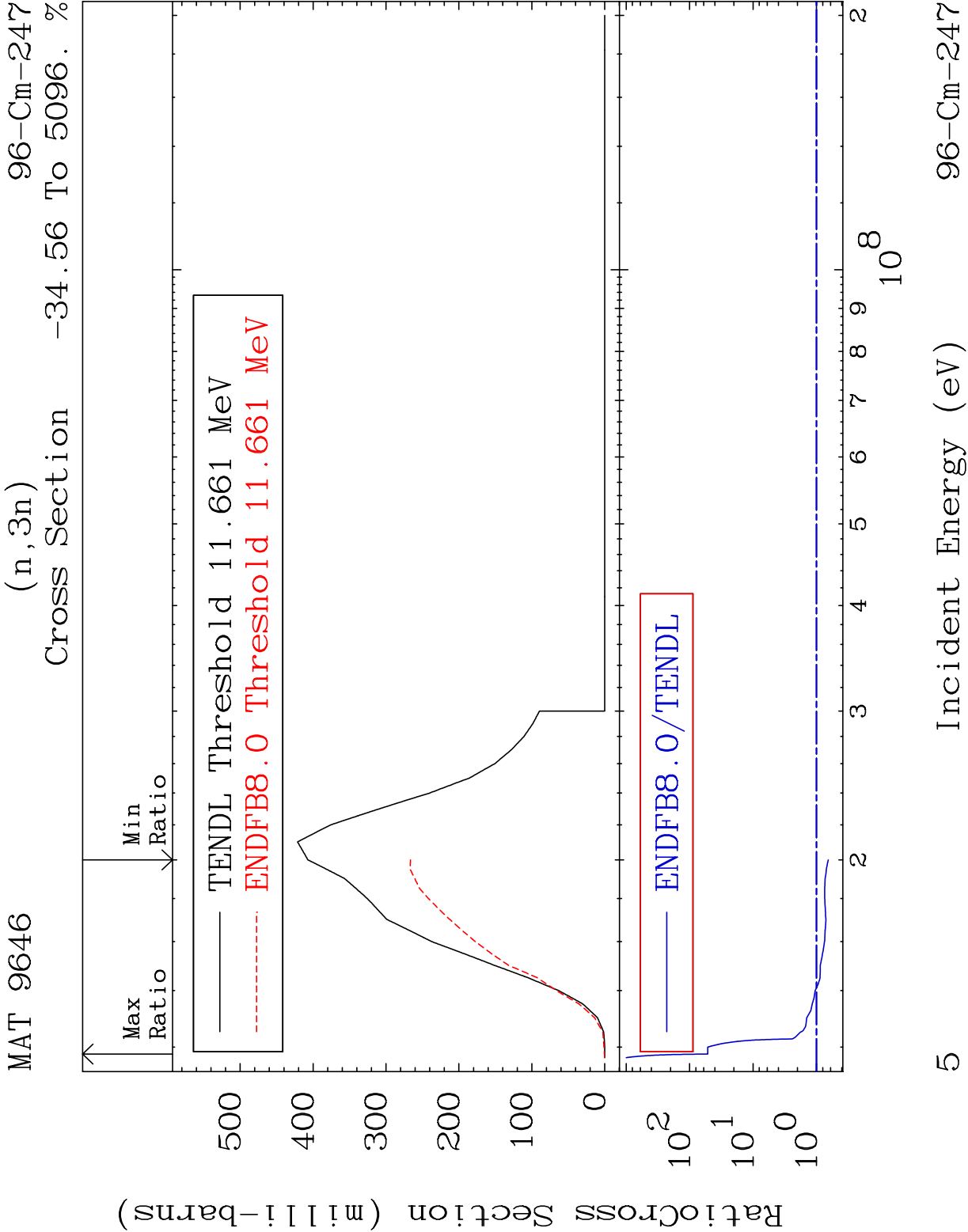
Incident Energy (eV)

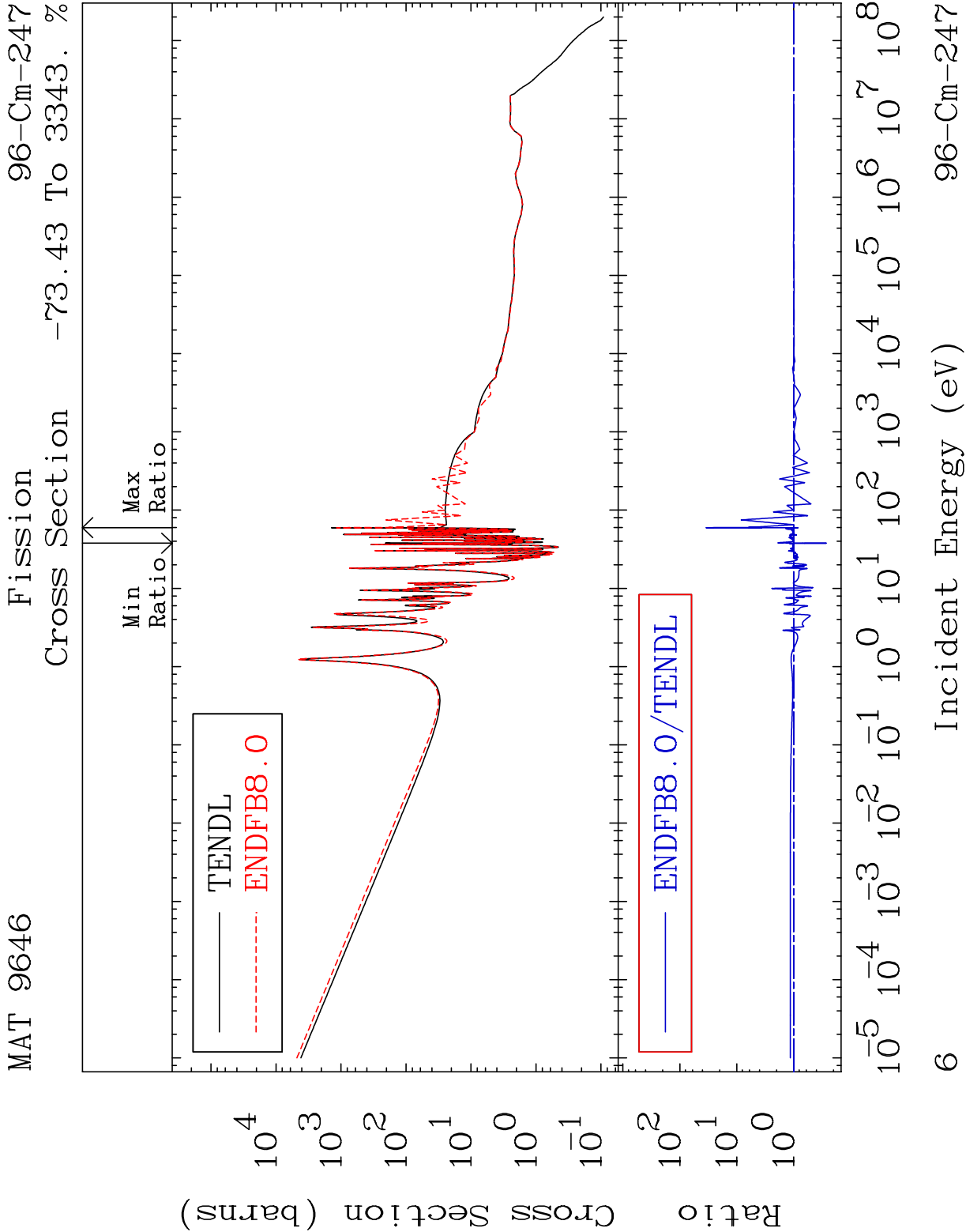
96-Cm-247



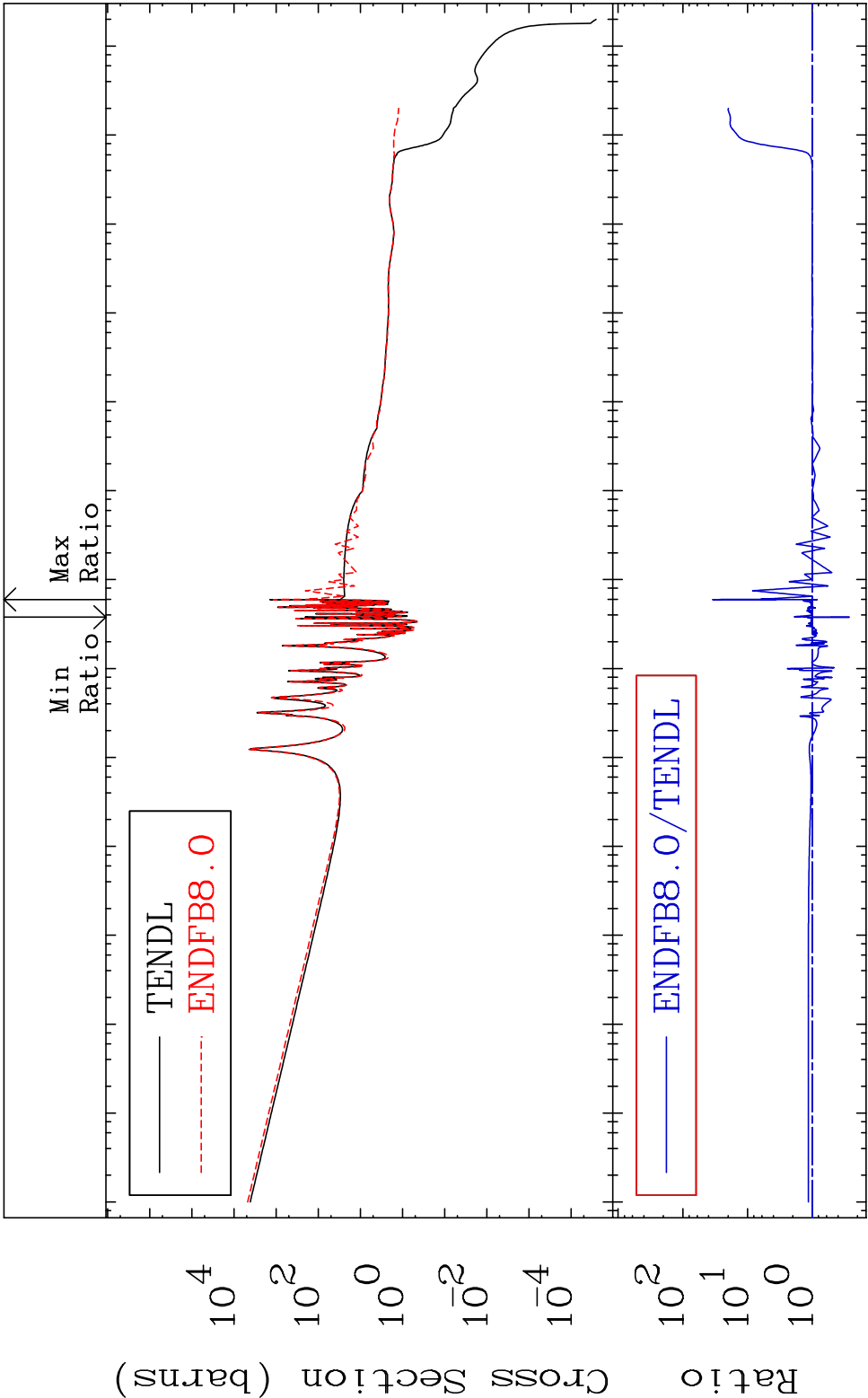




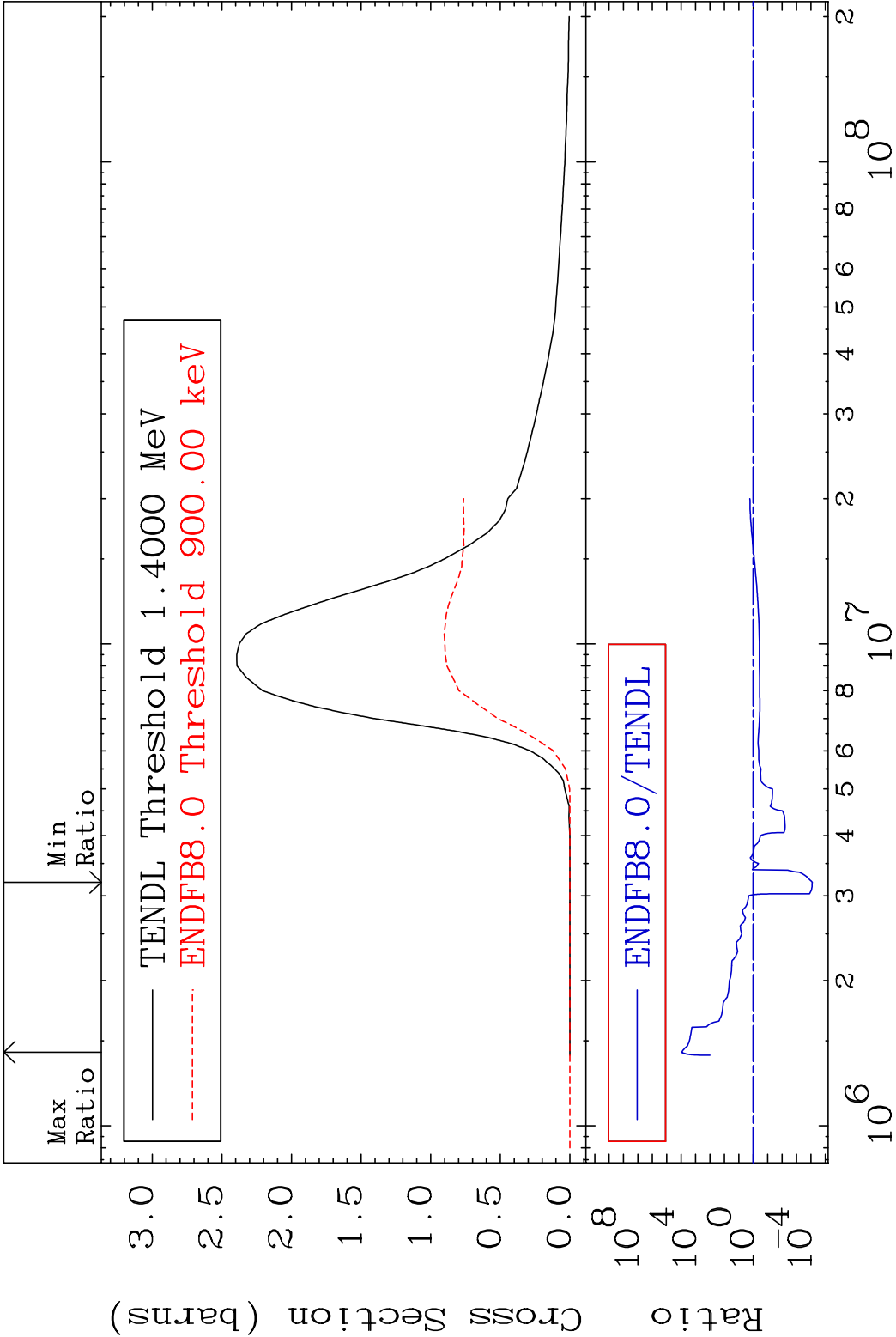


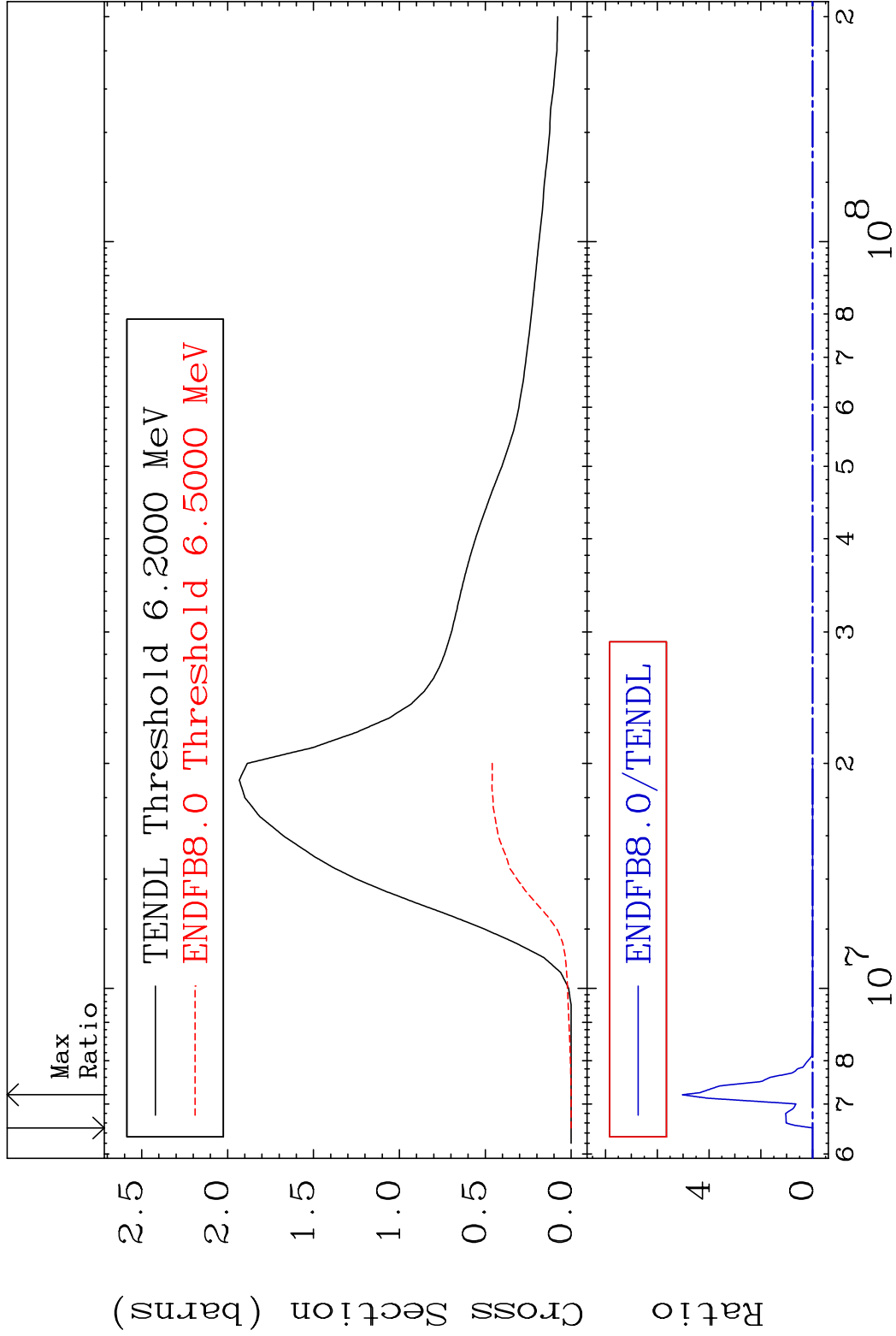


MAT 9646
(n,f) First Chance
96-Cm-247
Cross Section
-73.43 To 3343. %



7
Incident Energy (eV)
96-Cm-247



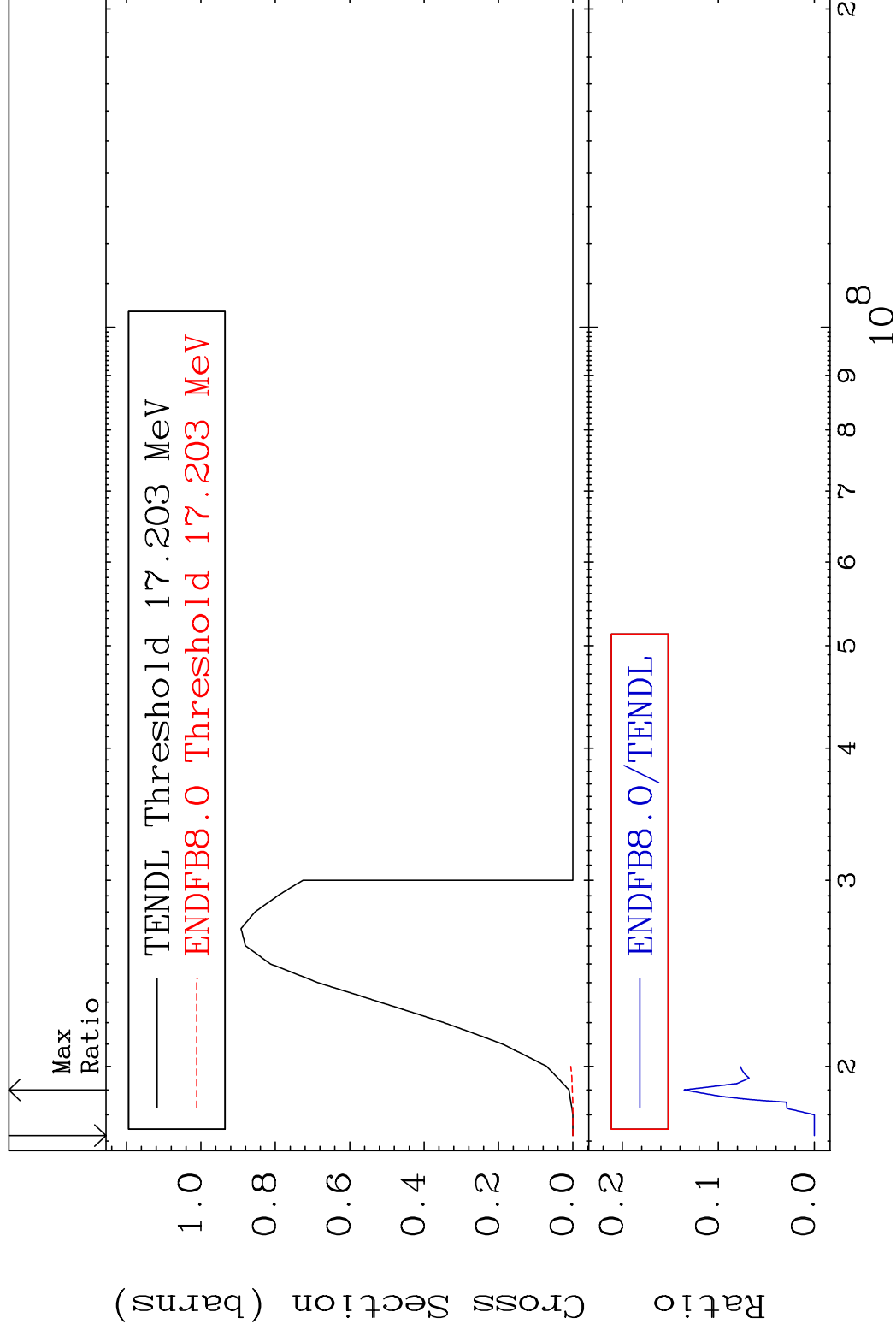


MAT 9646

$$(n, 4n)$$

96-Cm-247

Cross Section	-100.0 To -86.43%



TENDL Threshold 17.203 MeV

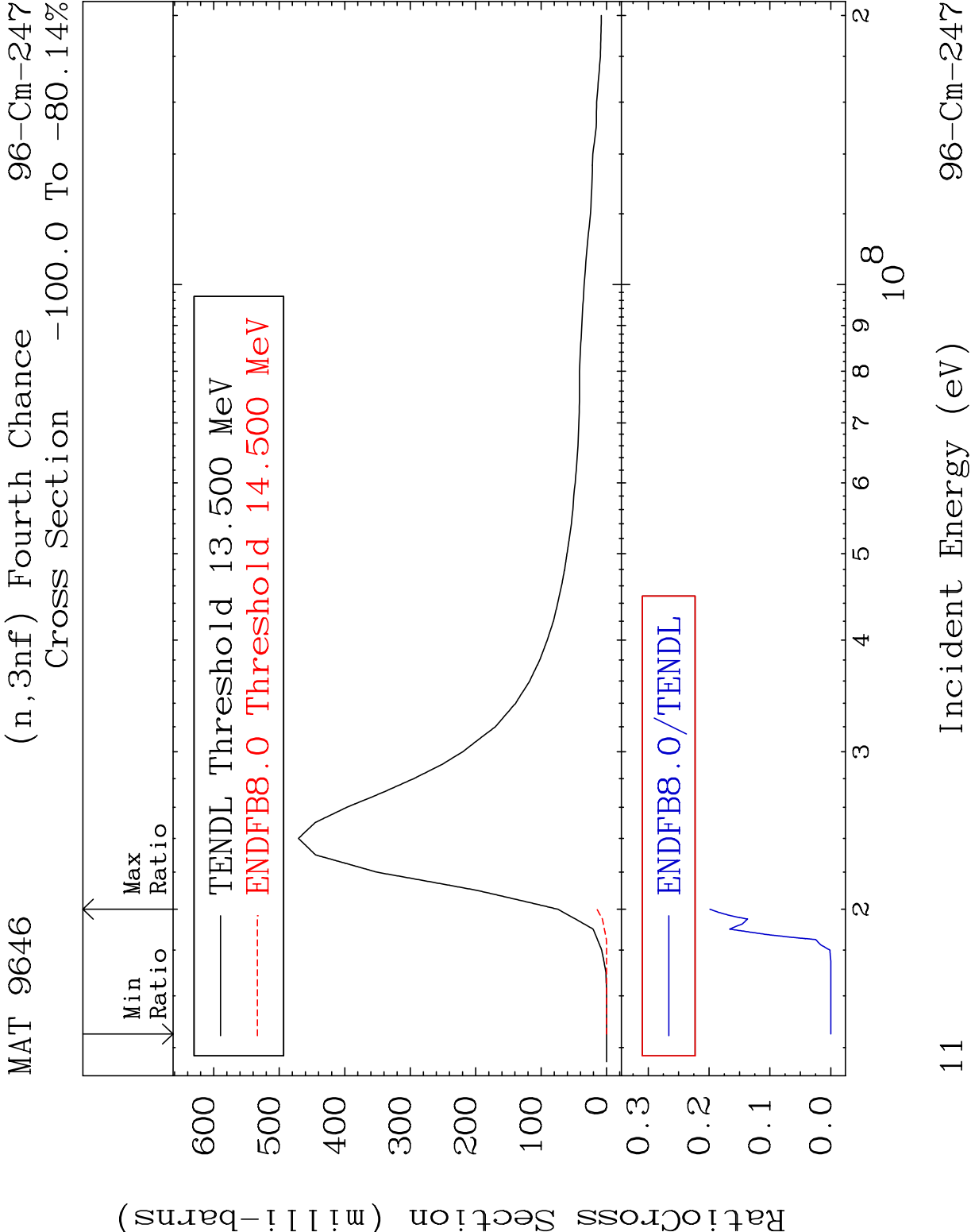
ENDFB8.0 Threshold 17.203 MeV

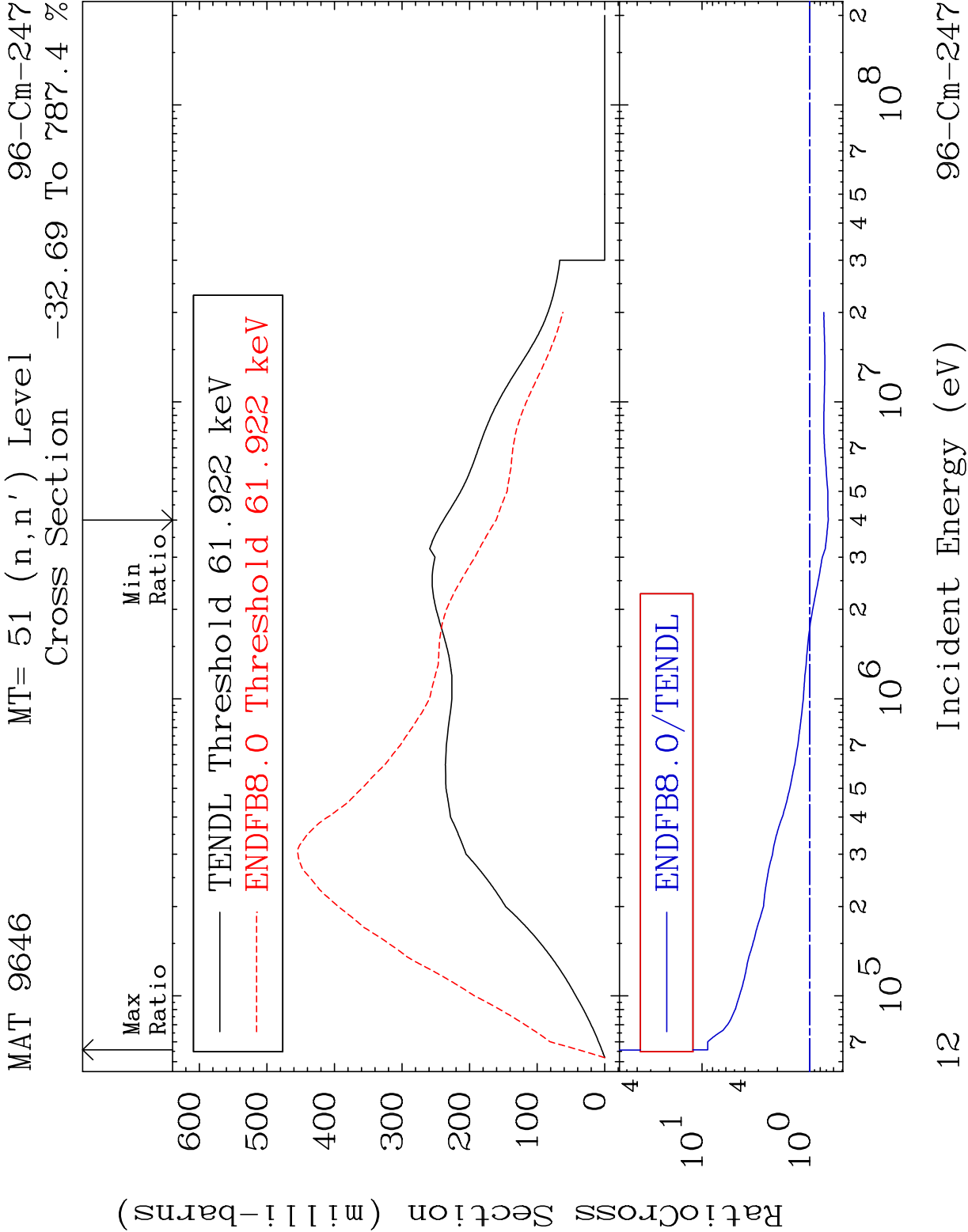
ENDFB8.0/TENDL

10

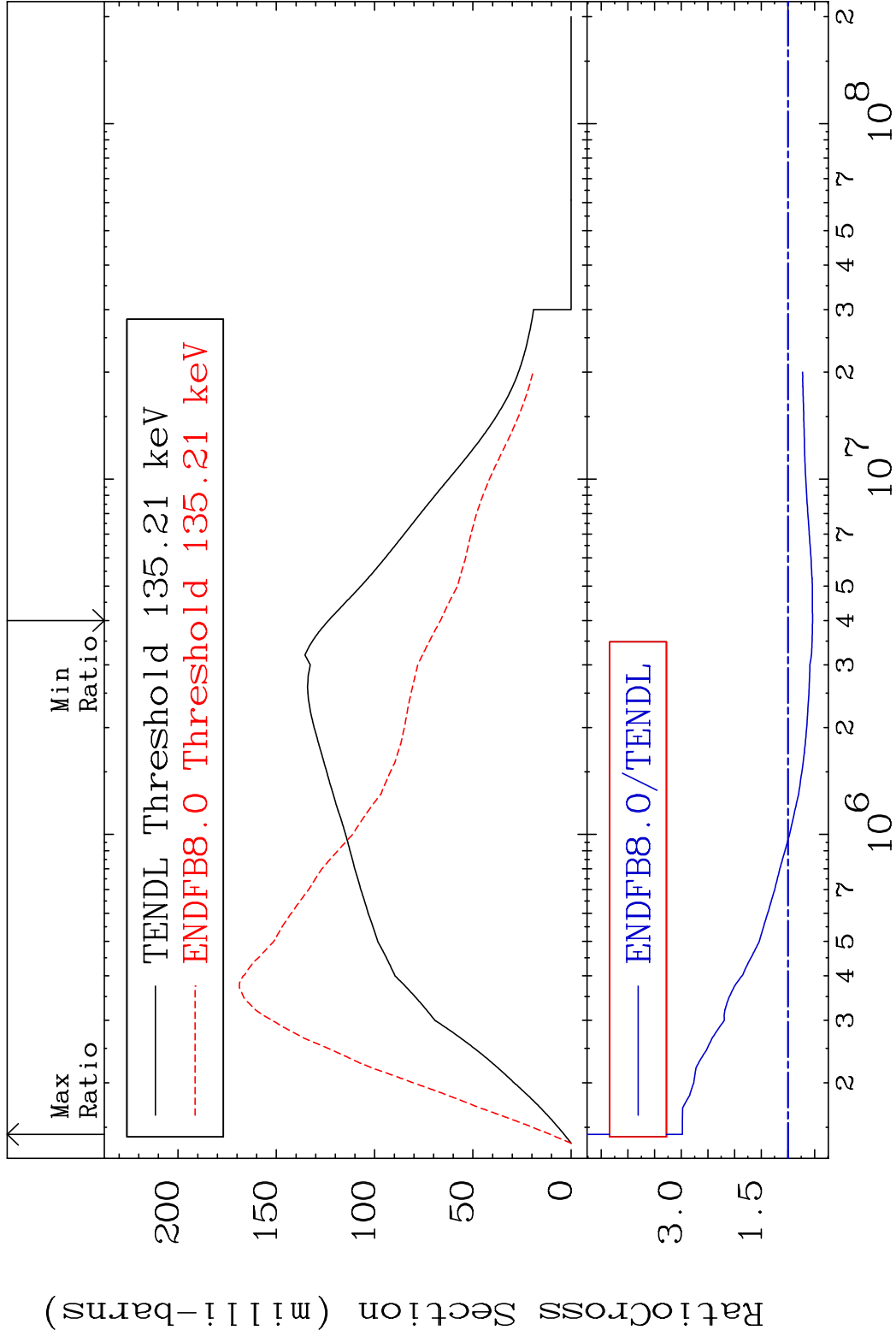
Incident Energy (eV)

96-Cm-247

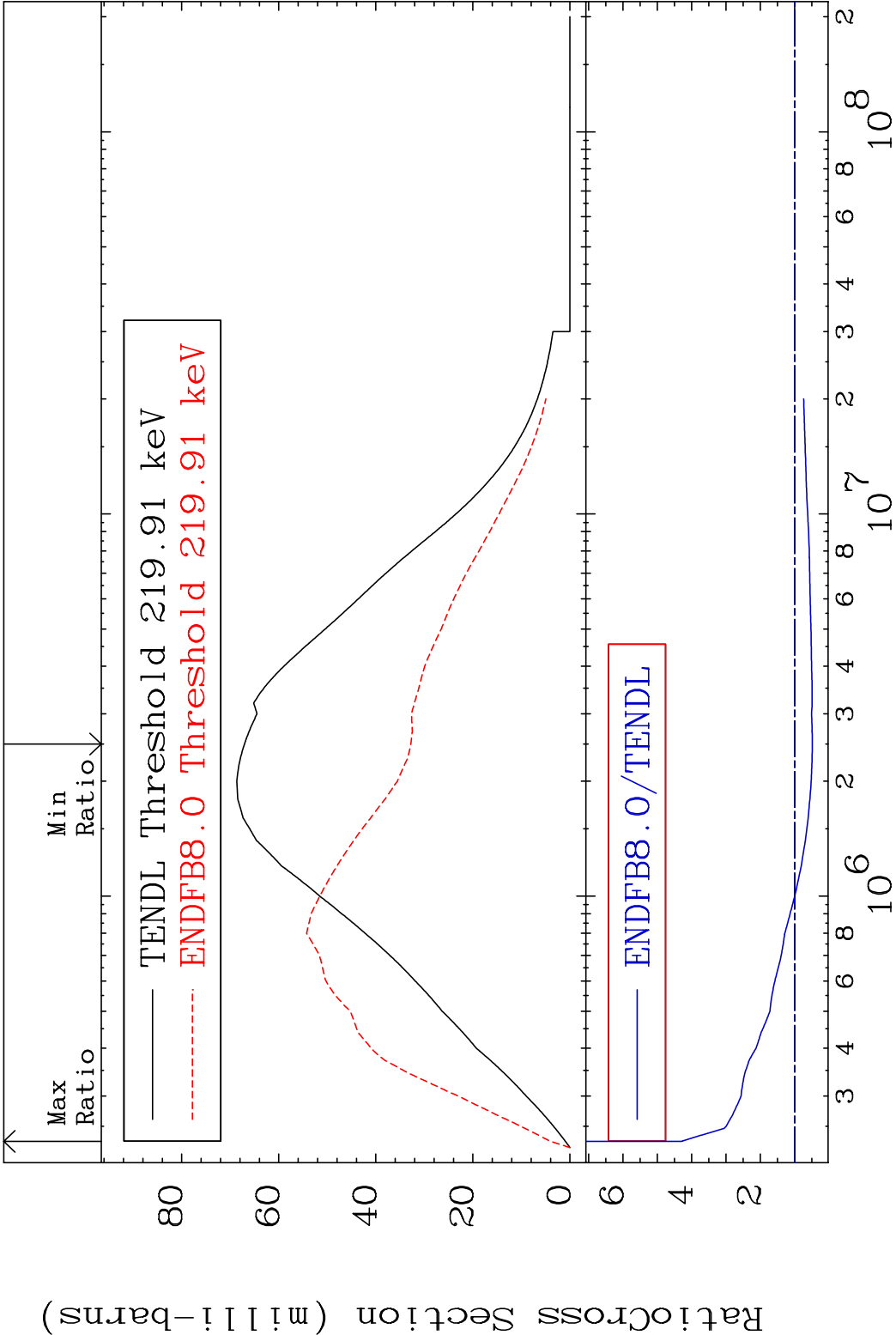




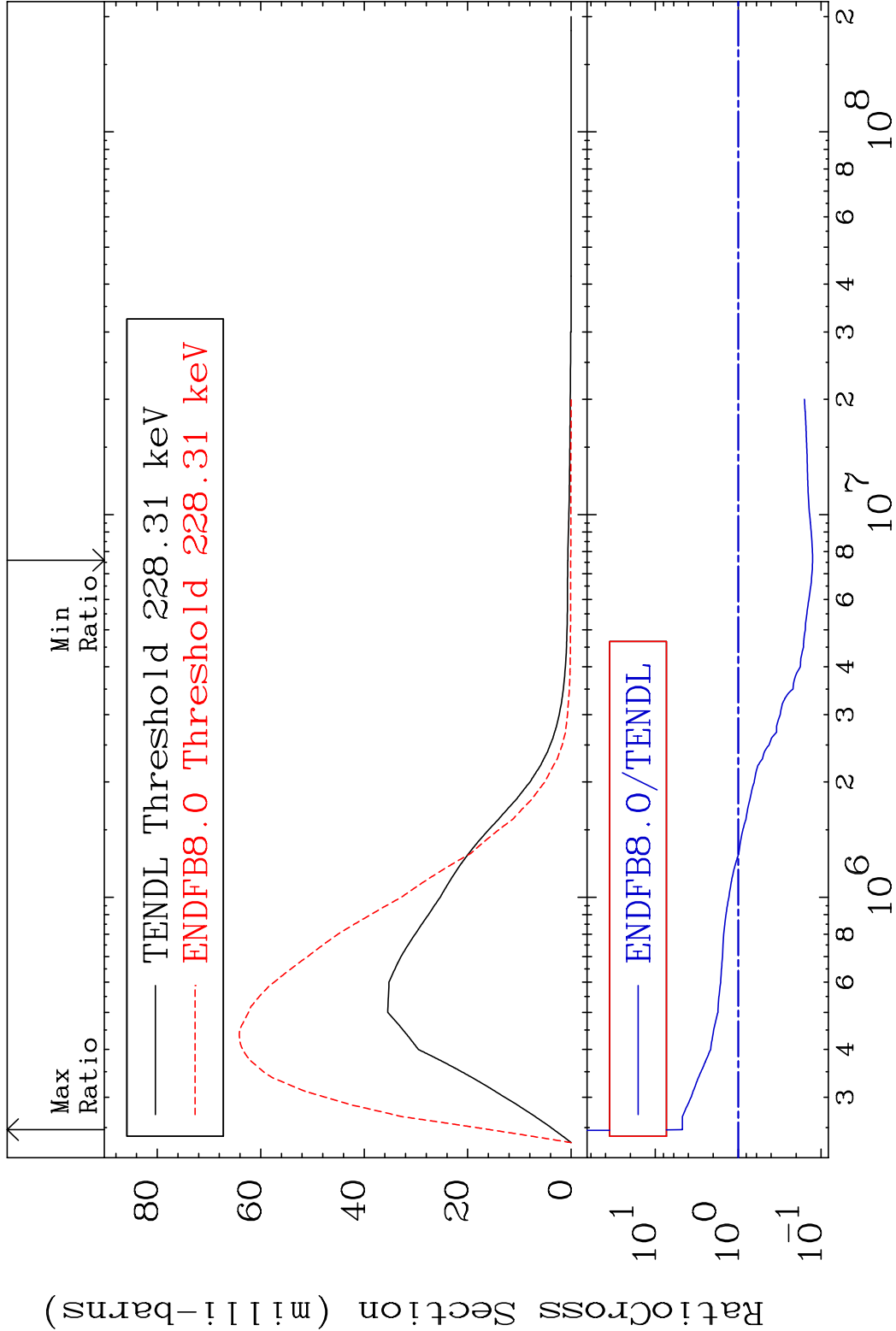
MAT 9646 MT= 52 (n,n') Level 96-Cm-247
Cross Section -46.13 To 197.9 %



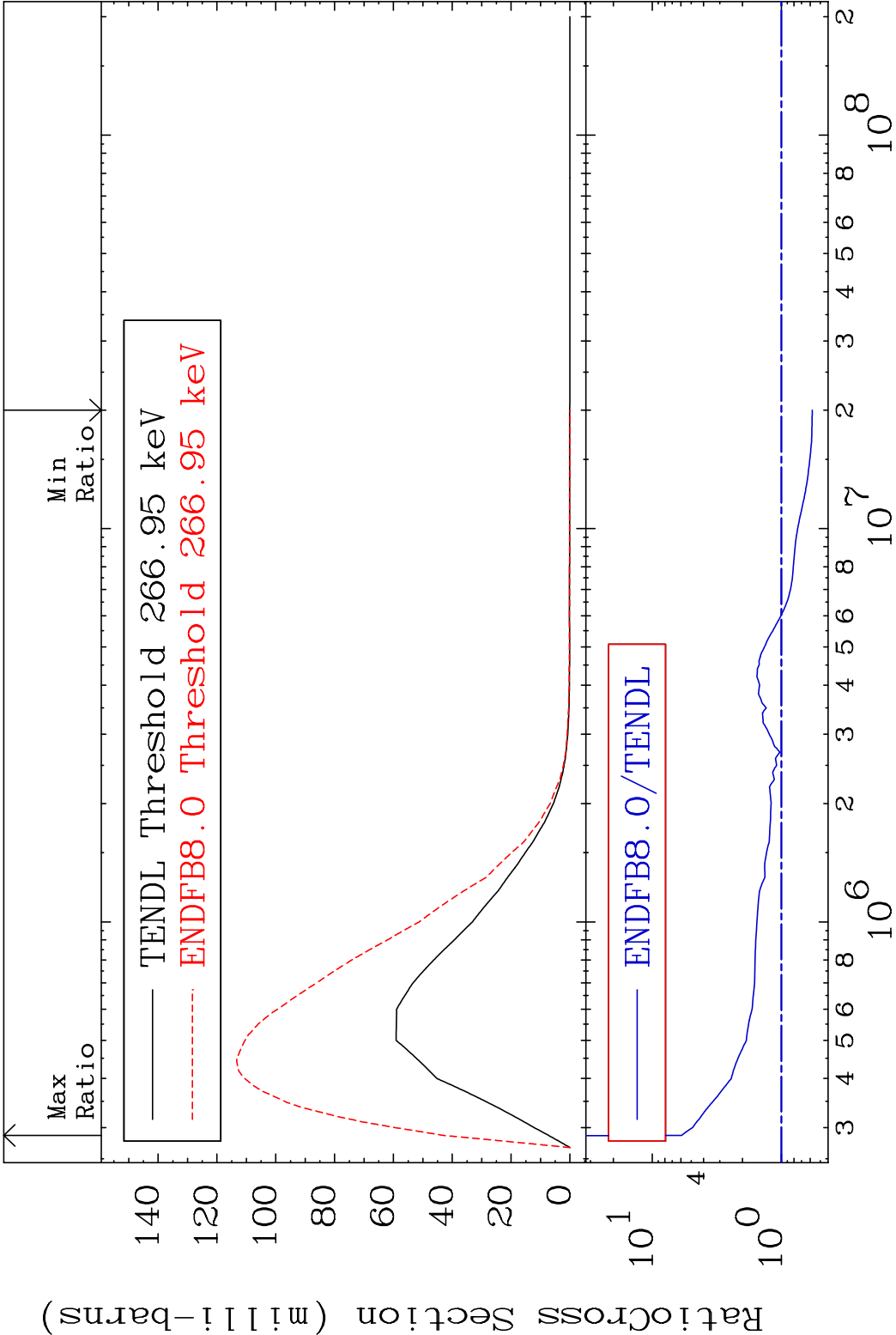
MAT 9646 MT= 53 (n,n') Level 96-Cm-247
Cross Section -51.11 To 329.3 %



MAT 9646 MT= 54 (n,n') Level 96-Cm-247
Cross Section -87.35 To 371.8 %



MAT 9646	MT= 55 (n,n')	Level	96-Cm-247
	Cross Section	-42.22 To 493.2 %	



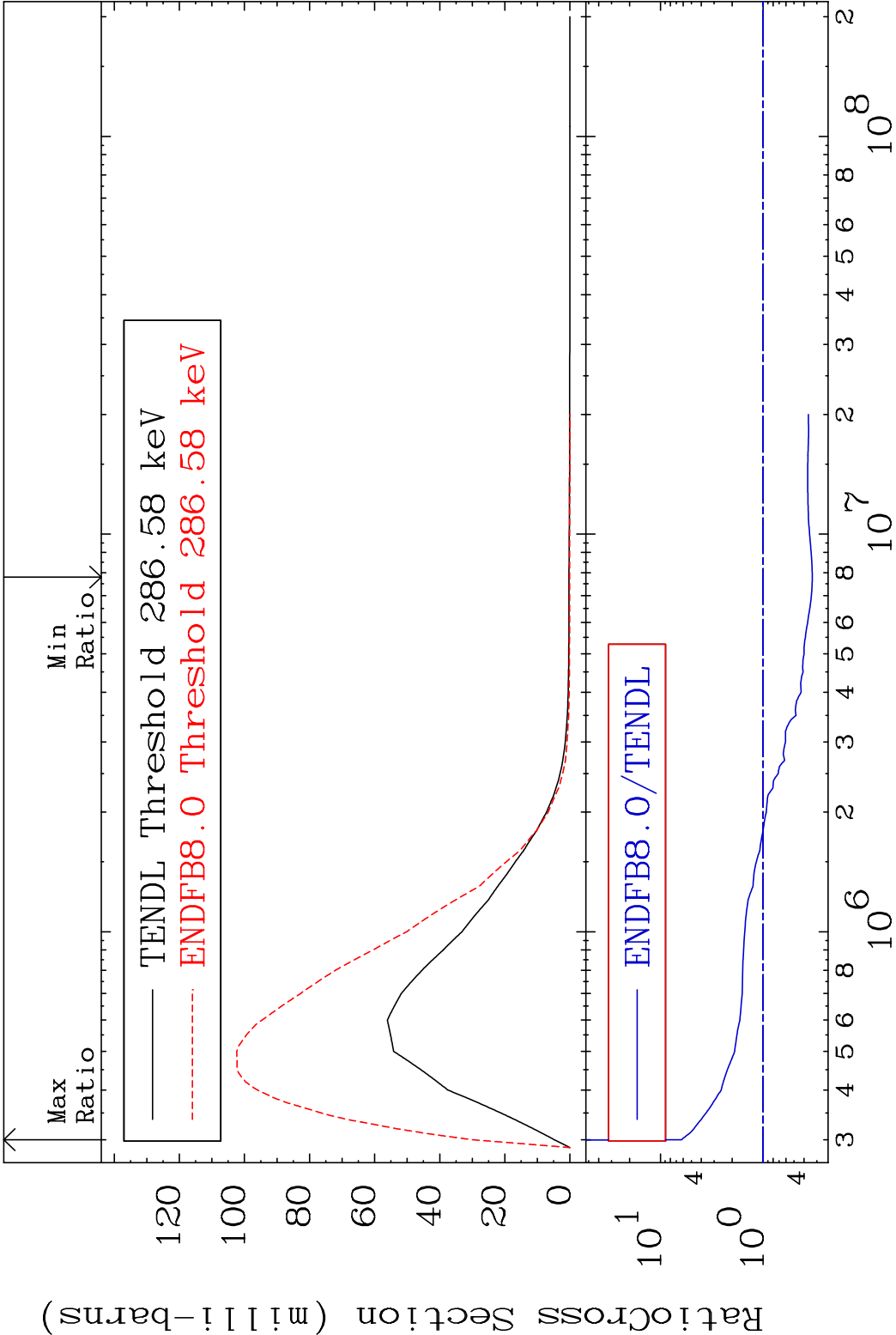
MAT 9646

MT= 56 (n,n') Level

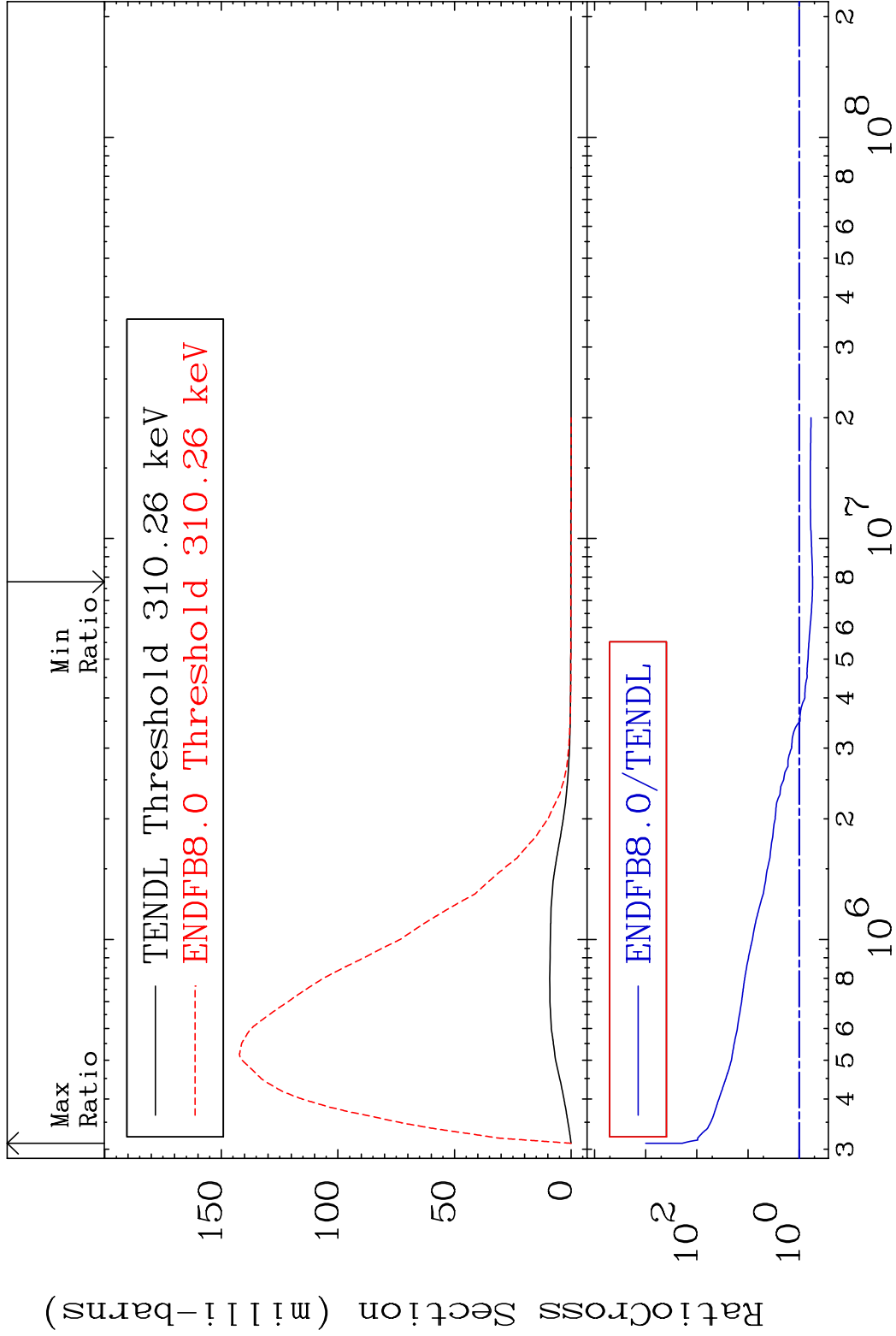
96-Cm-247

Cross Section

-66.72 To 523.4 %

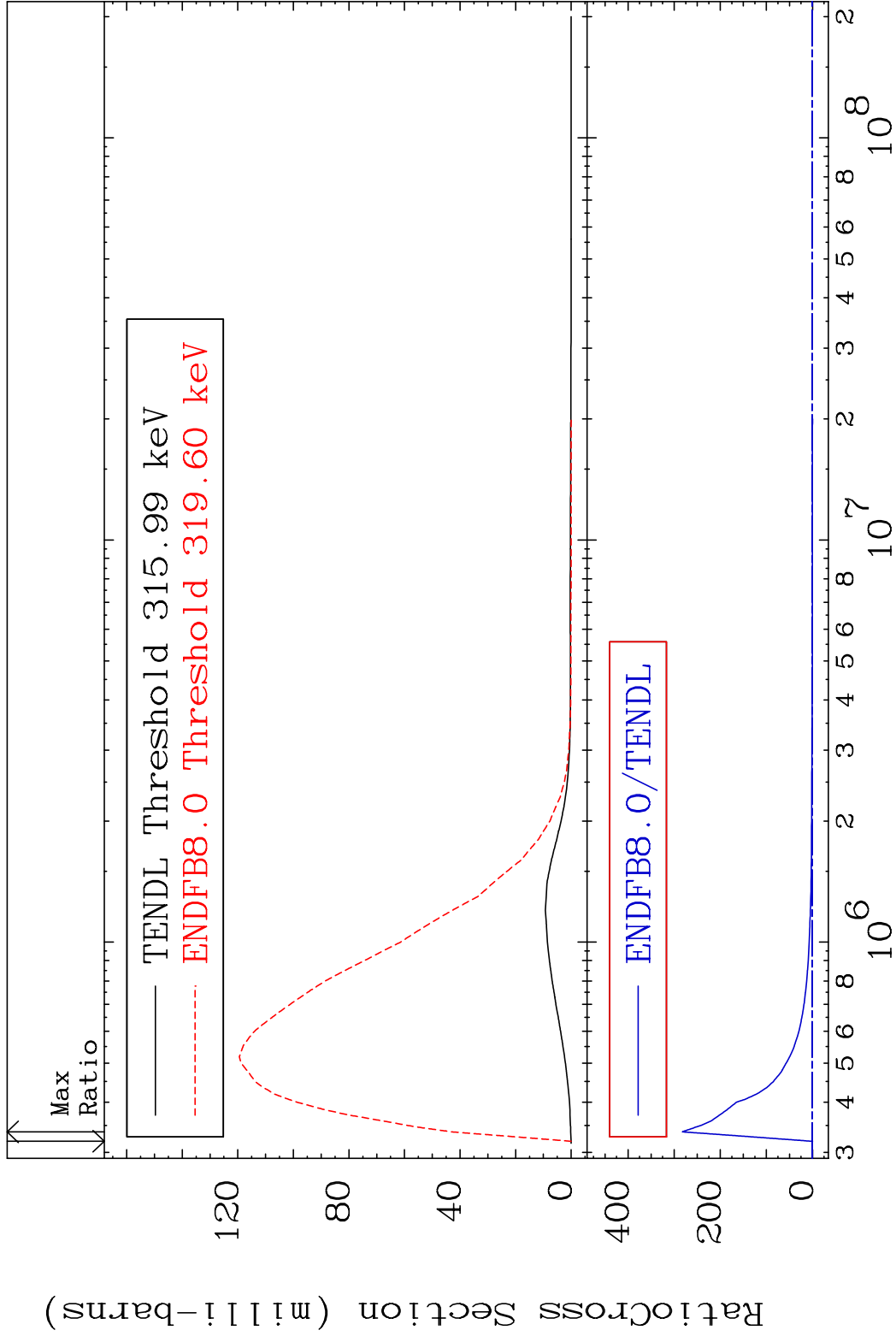


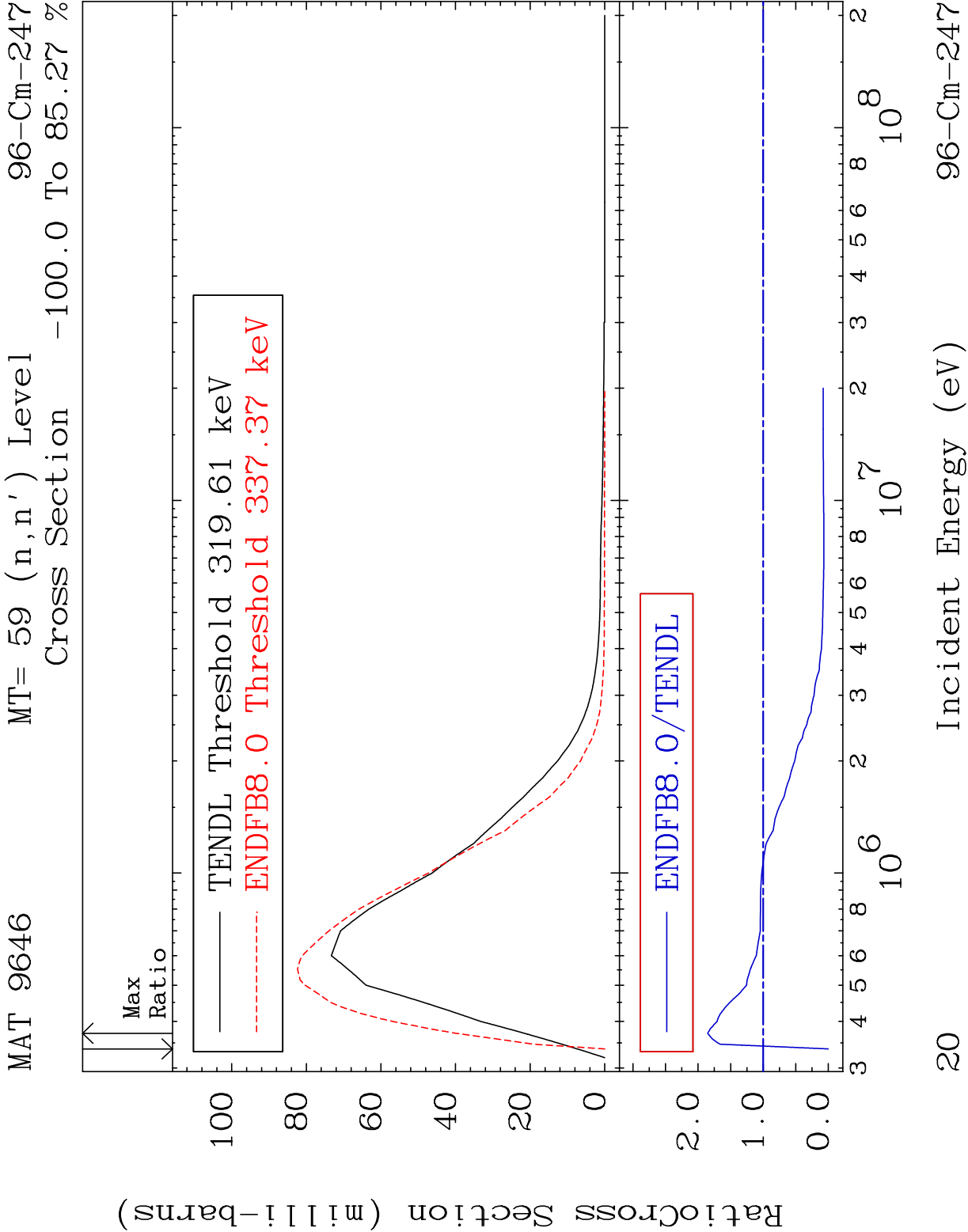
MAT 9646 MT= 57 (n,n') Level 96-Cm-247
Cross Section -45.32 To 9999. %



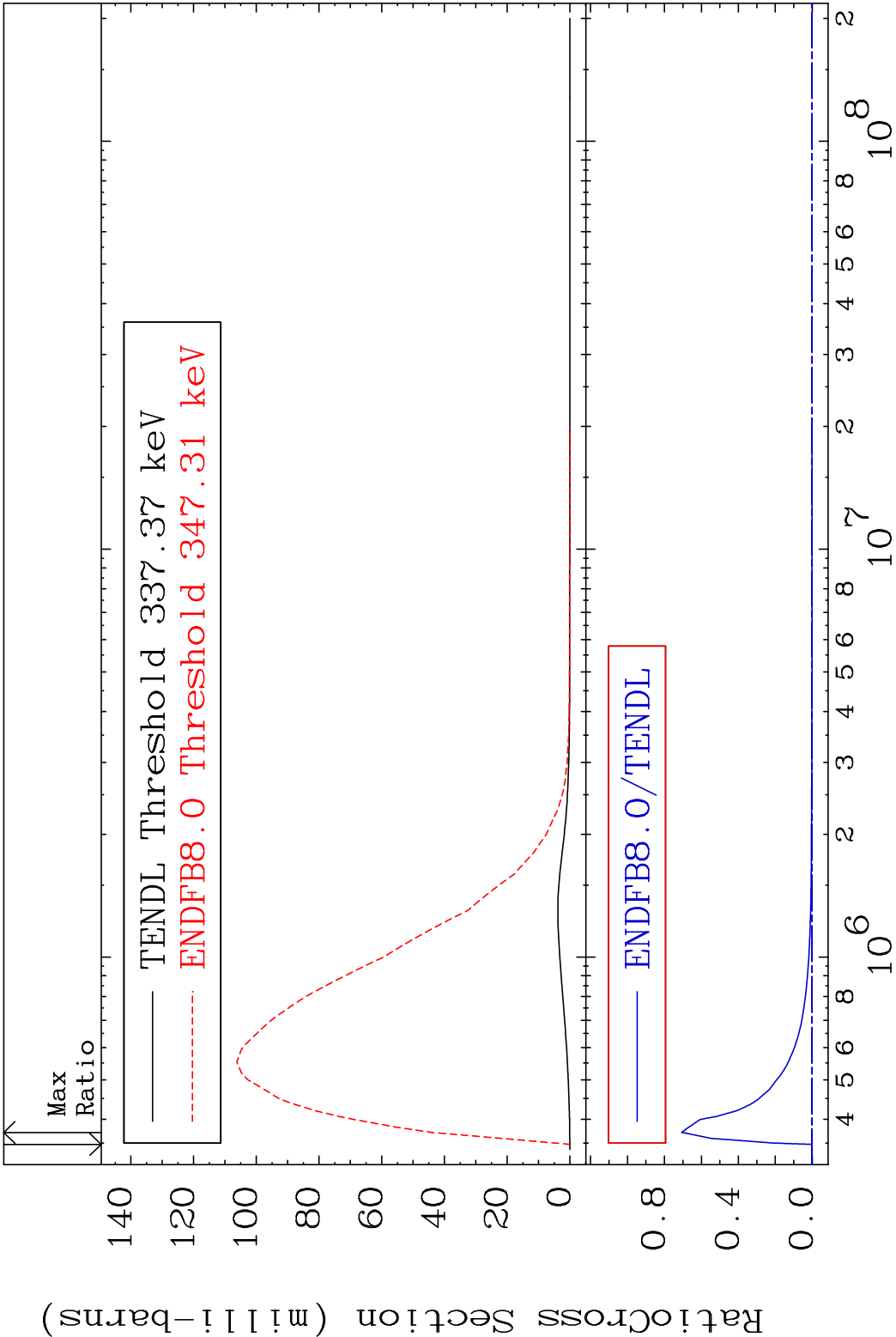
18 Incident Energy (eV) 96-Cm-247

MAT 9646 MT= 58 (n,n') Level 96-Cm-247
Cross Section -100.0 To 9999. %

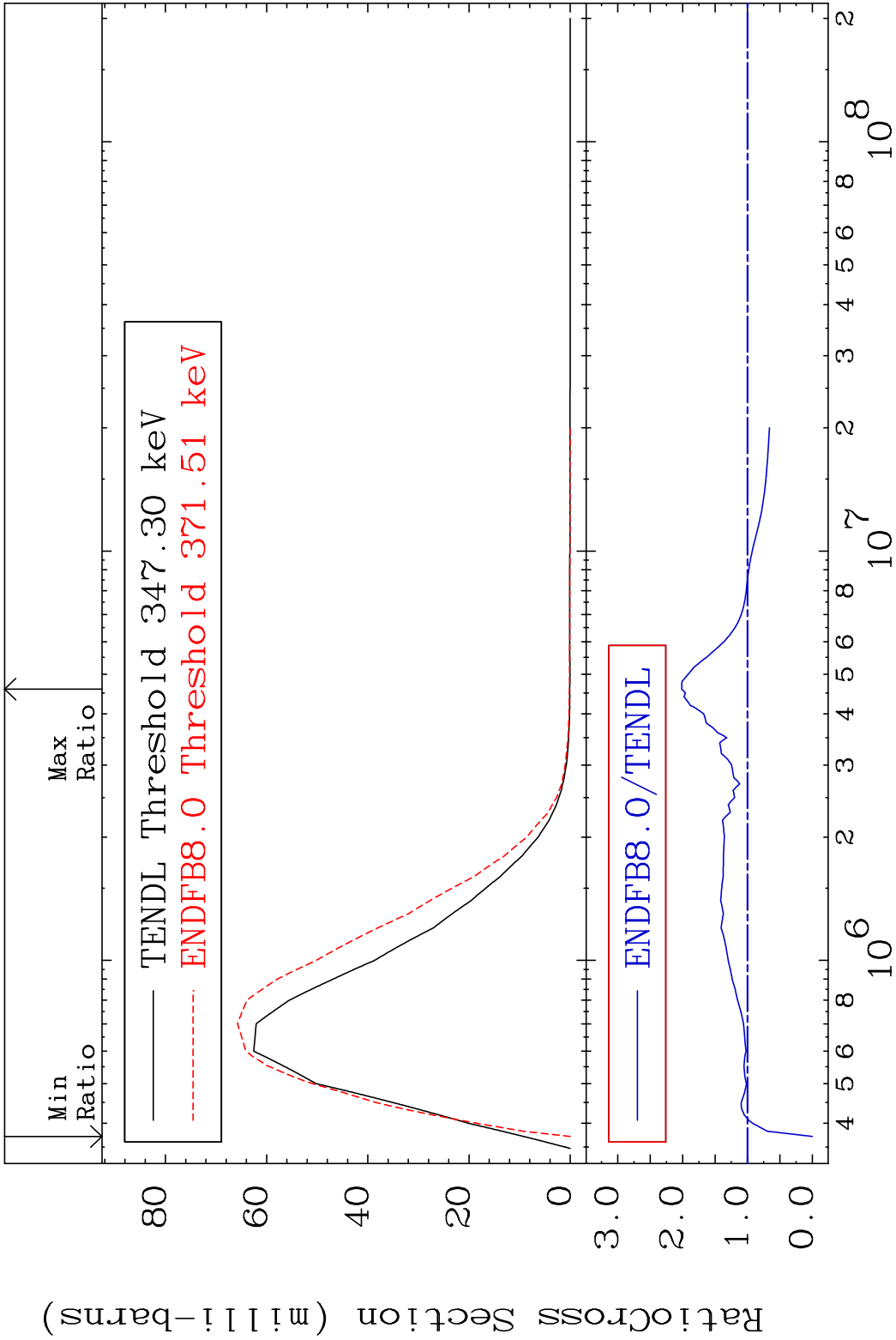




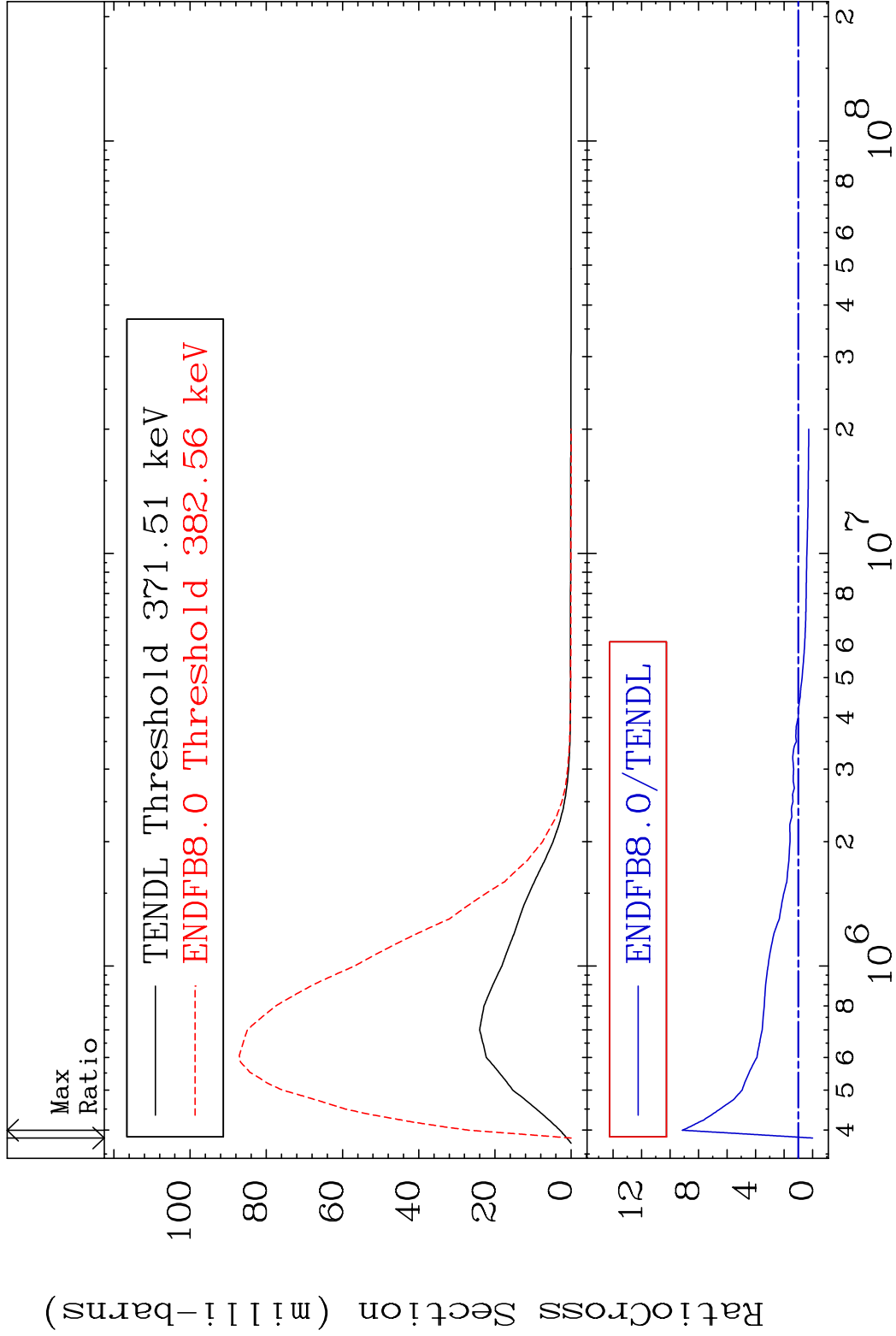
MAT 9646 MT= 60 (n,n') Level 96-Cm-247
 Cross Section -100.0 To 9999. %



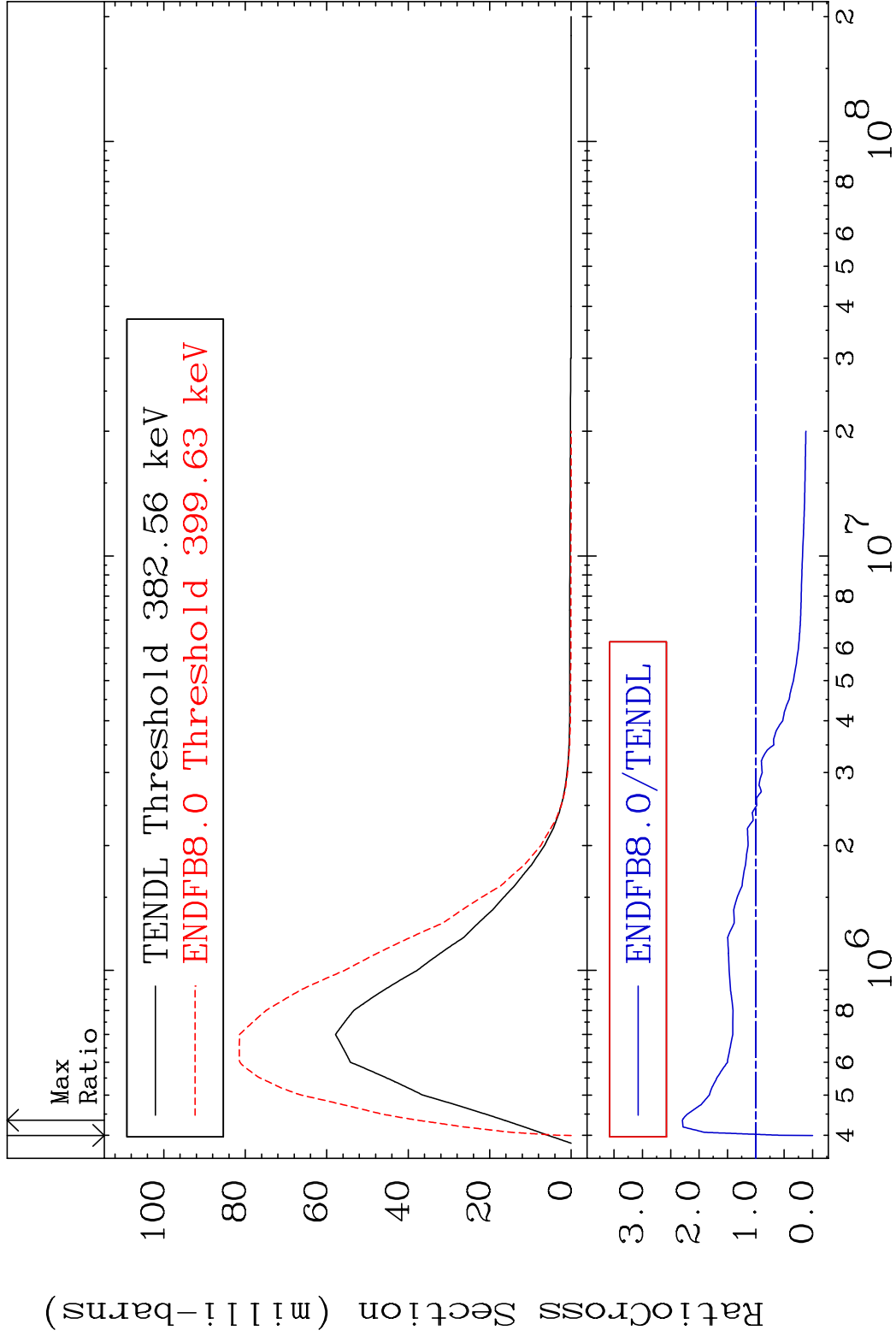
MAT 9646 MT= 61 (n,n') Level 96-Cm-247
Cross Section -100.0 To 101.4 %



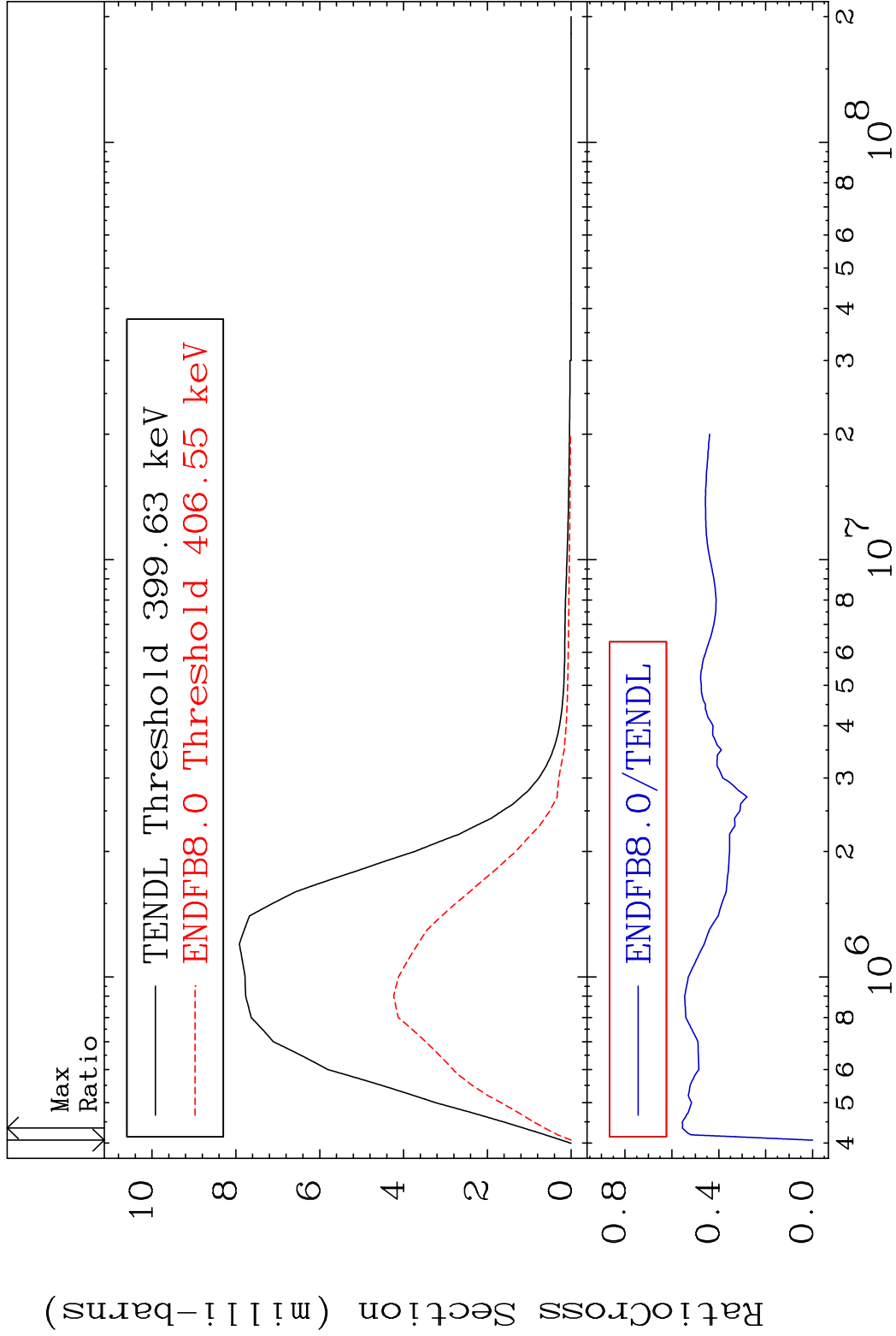
MAT 9646 MT= 62 (n,n') Level 96-Cm-247
Cross Section -100.0 To 813.7 %



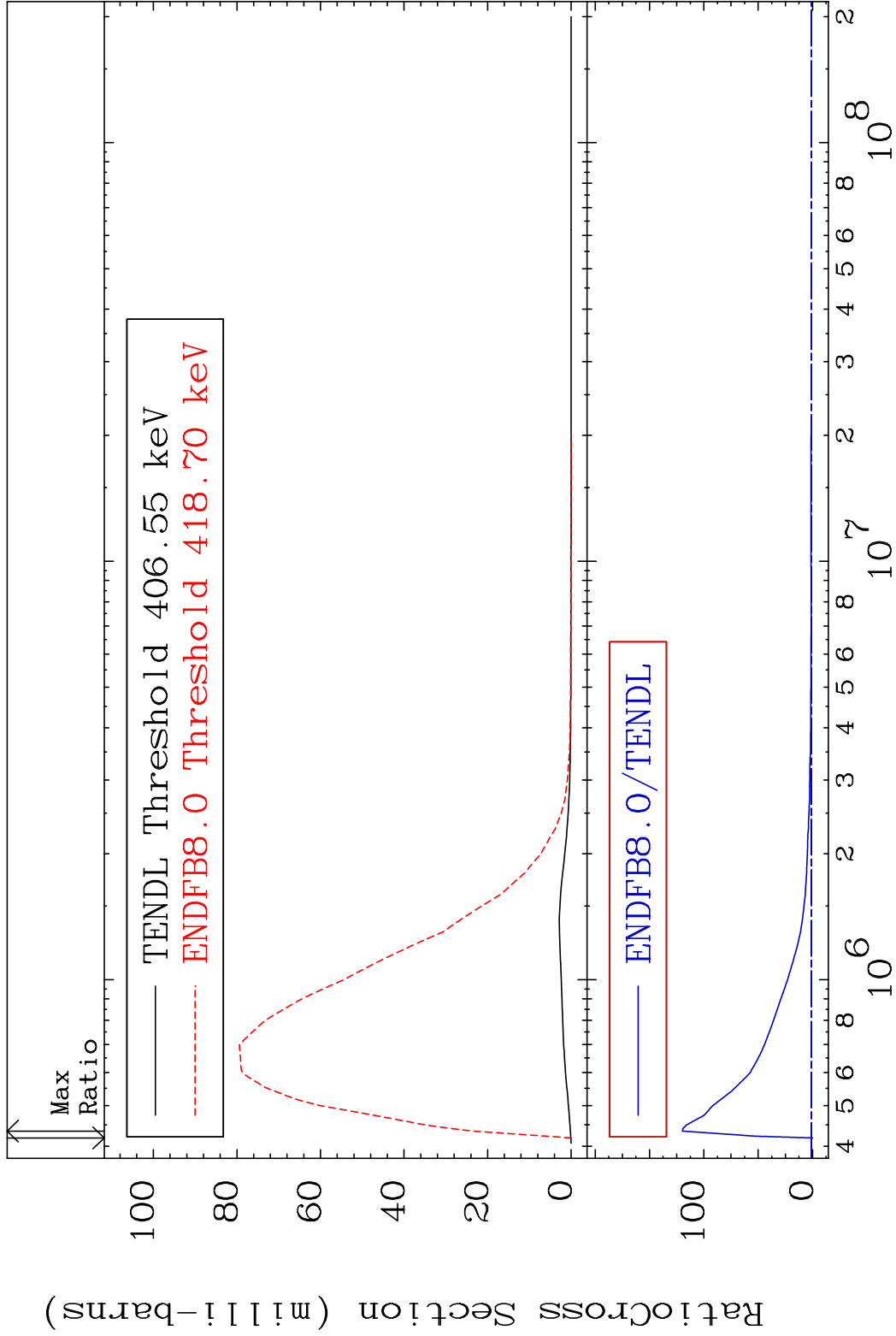
MAT 9646 MT= 63 (n,n') Level 96-Cm-247
Cross Section -100.0 To 129.5 %

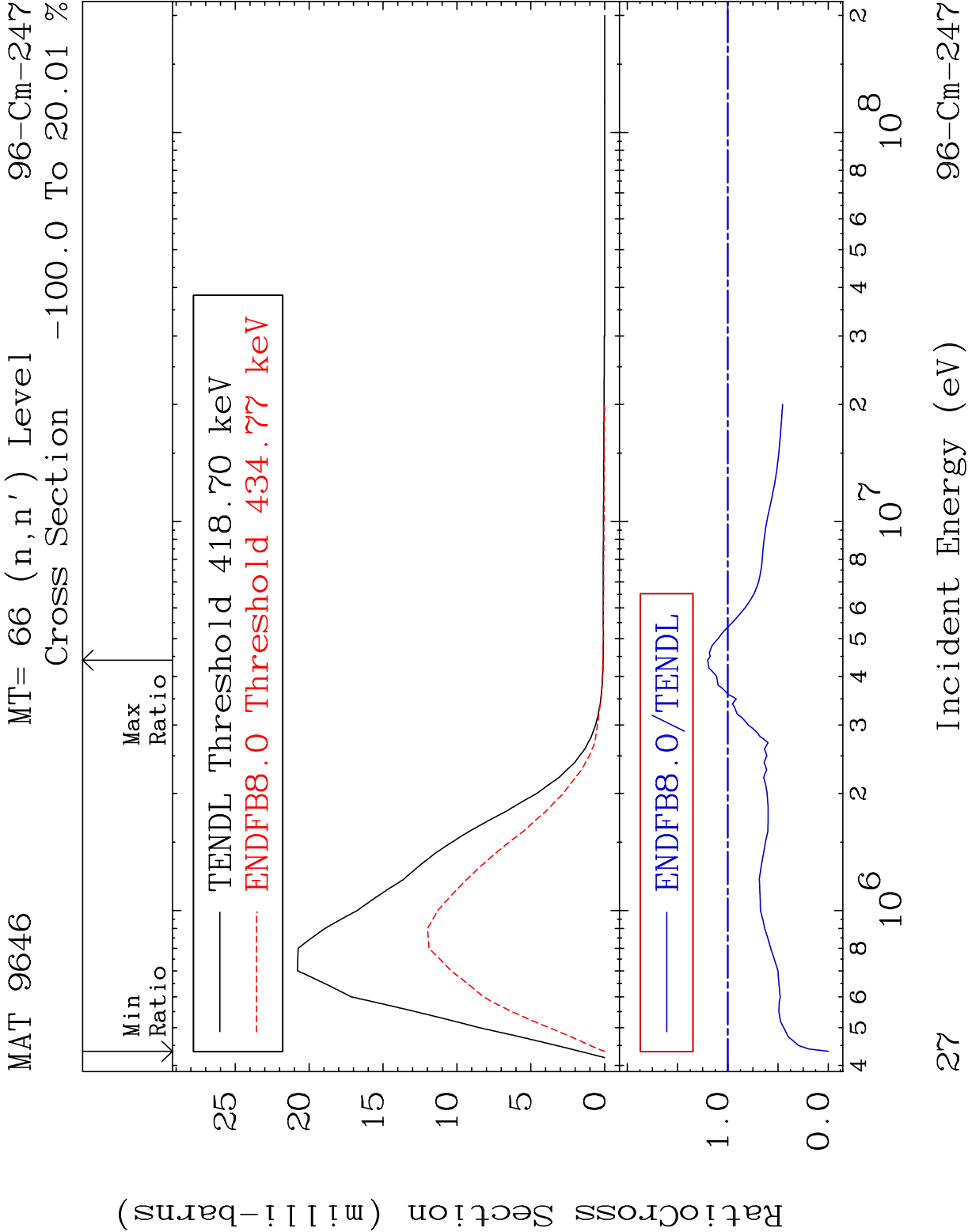


MAT 9646 MT= 64 (n,n') Level 96-Cm-247
Cross Section -100.0 To -44.47%

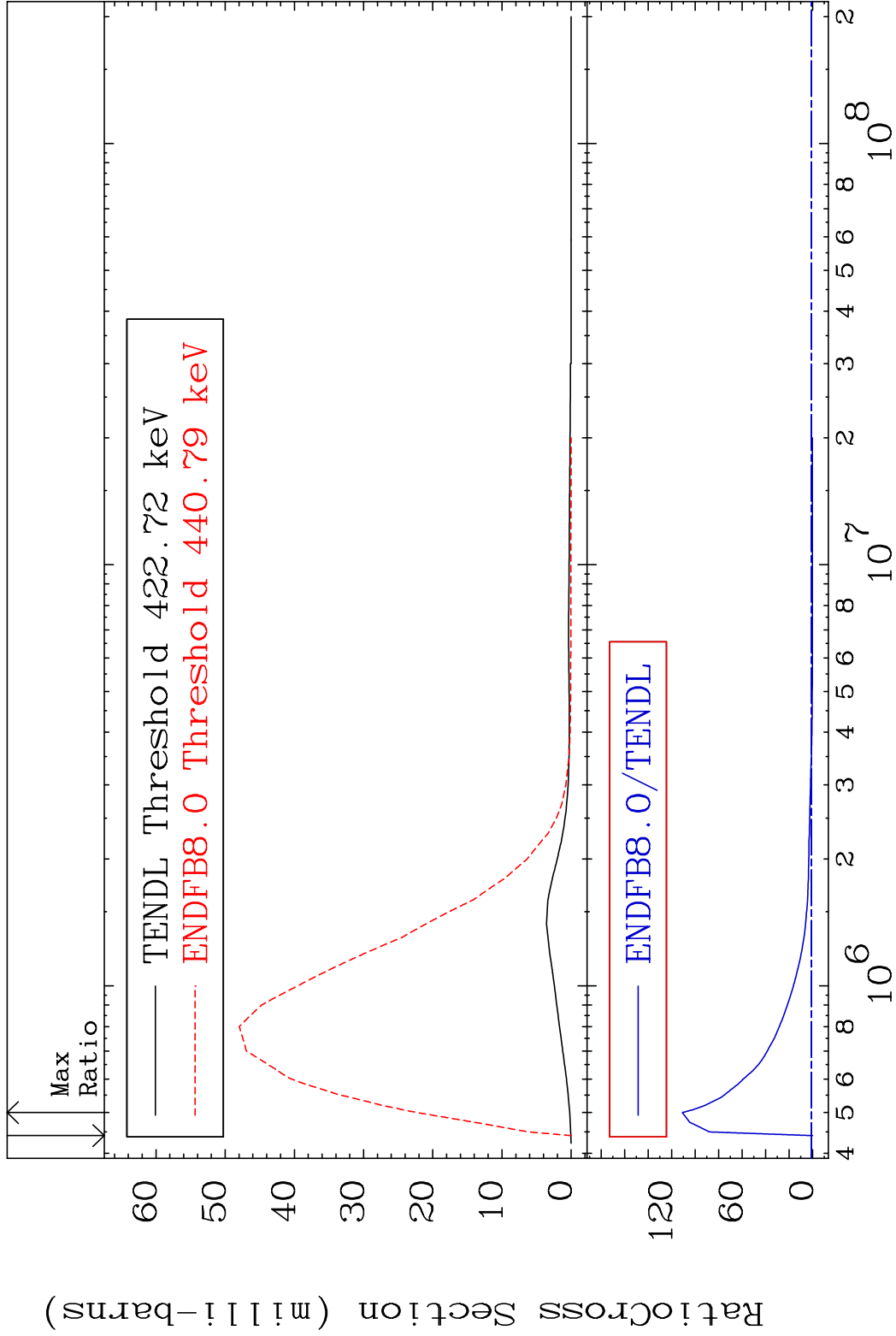


MAT 9646 MT= 65 (n,n') Level 96-Cm-247
Cross Section -100.0 To 9999. %

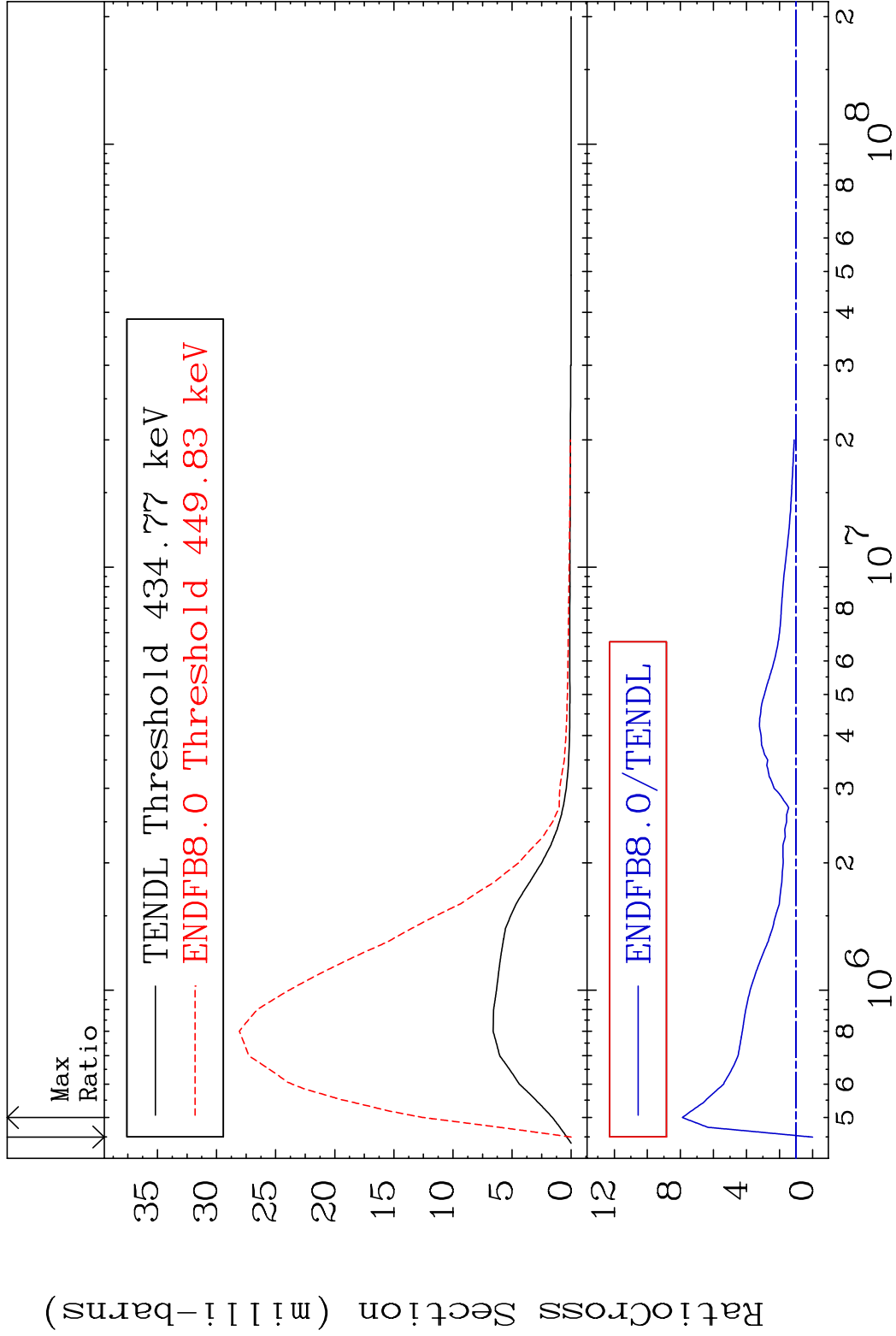


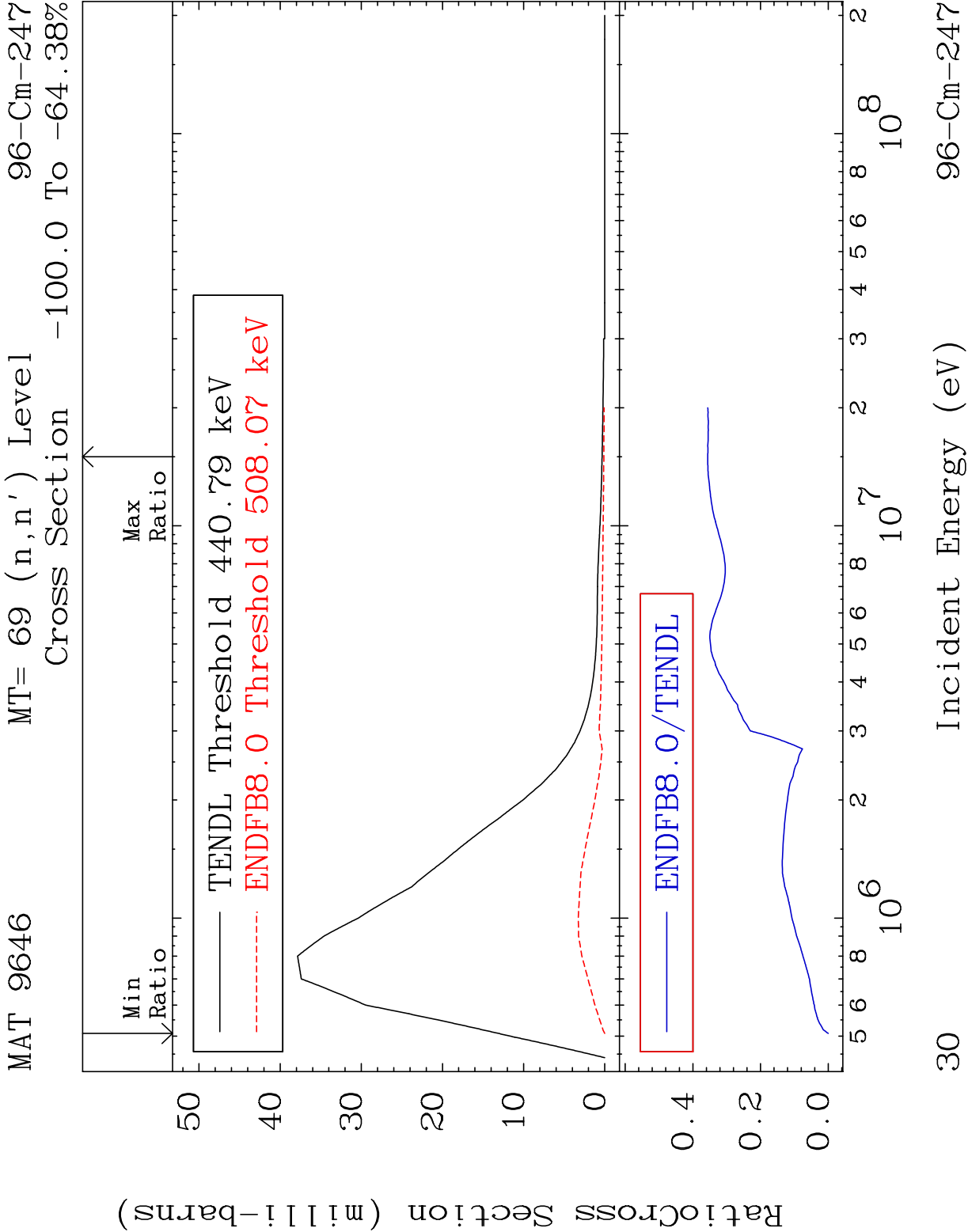


MAT 9646 MT= 67 (n,n') Level 96-Cm-247
Cross Section -100.0 To 9999. %

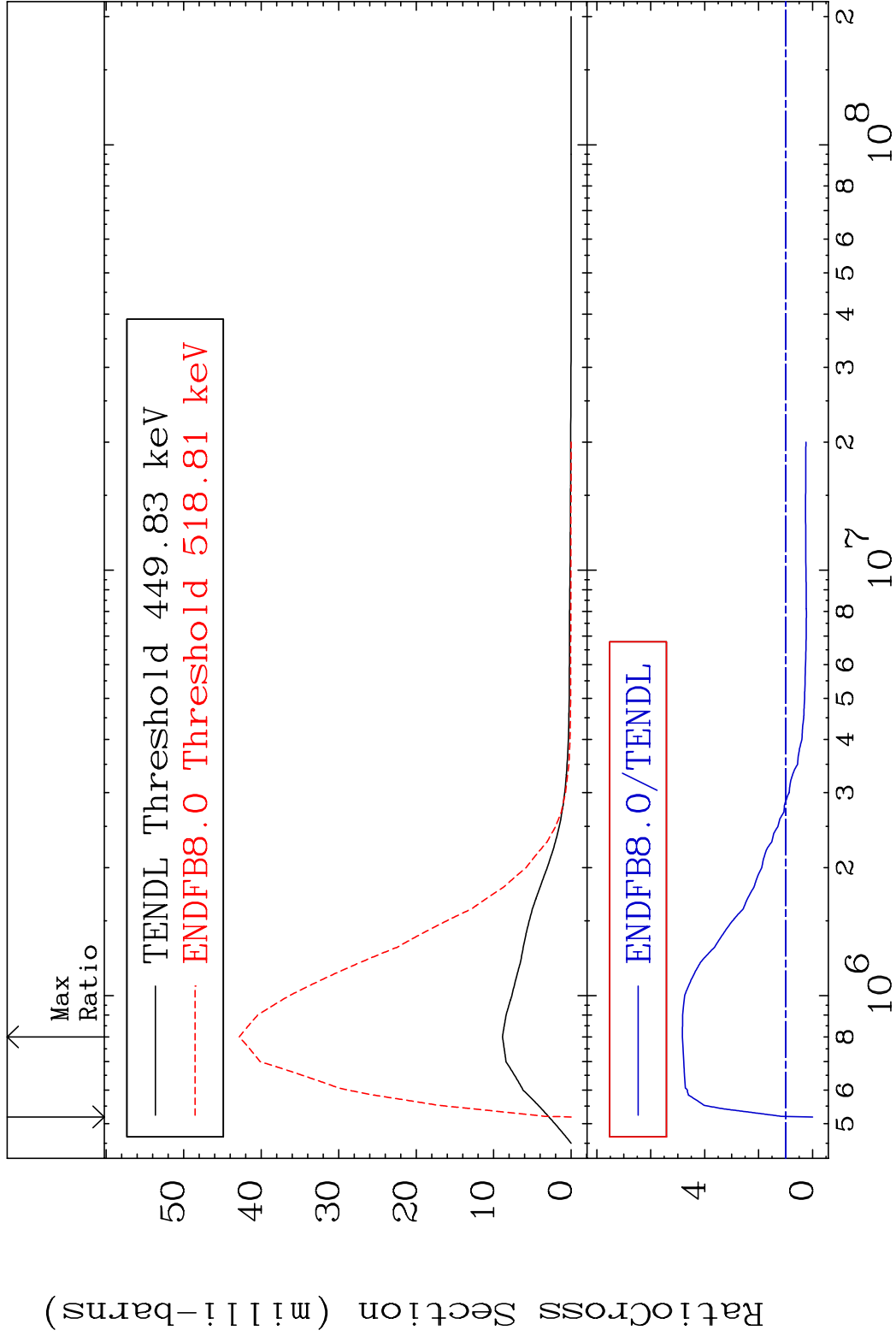


MAT 9646 MT= 68 (n,n') Level 96-Cm-247
Cross Section -100.0 To 688.2 %

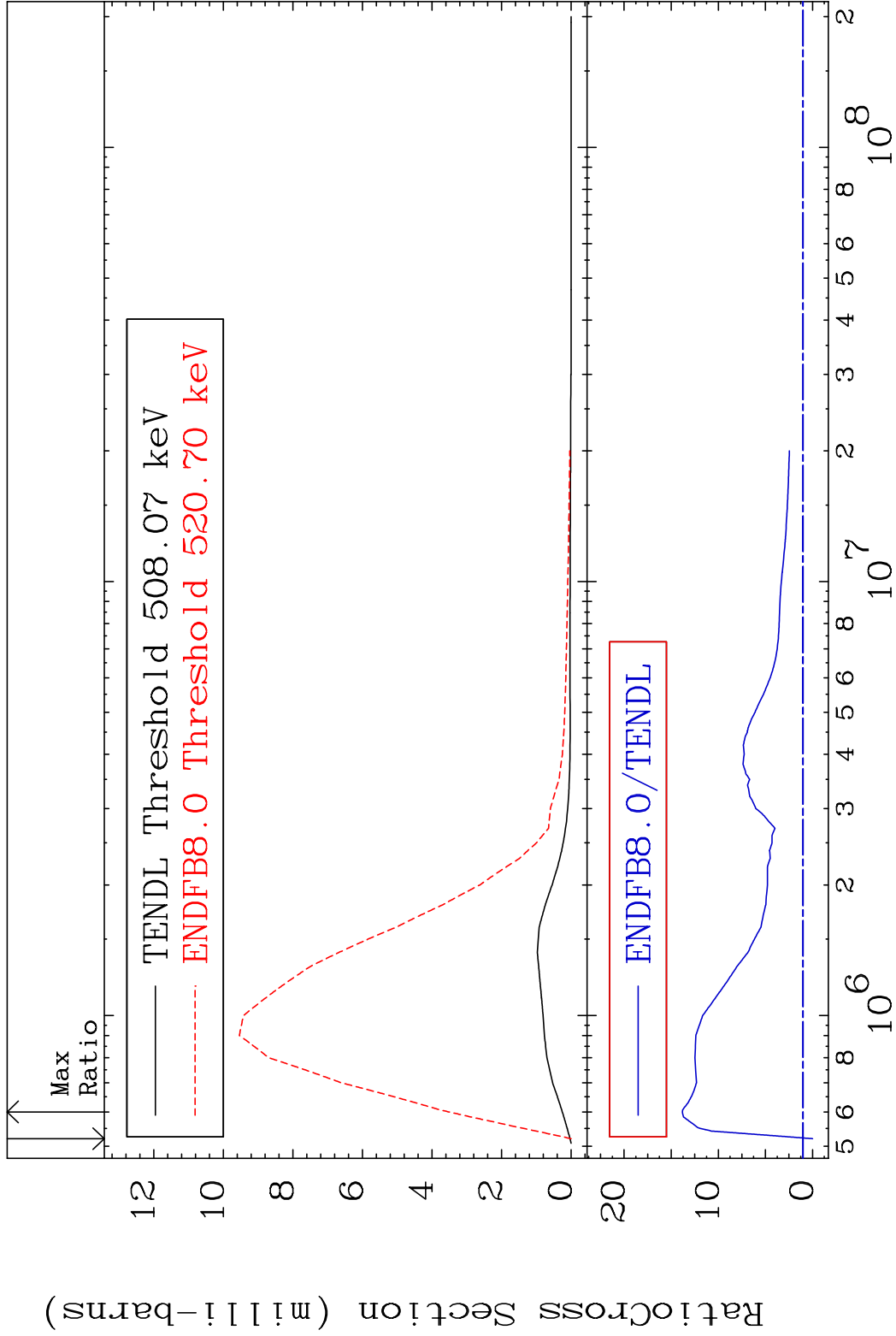




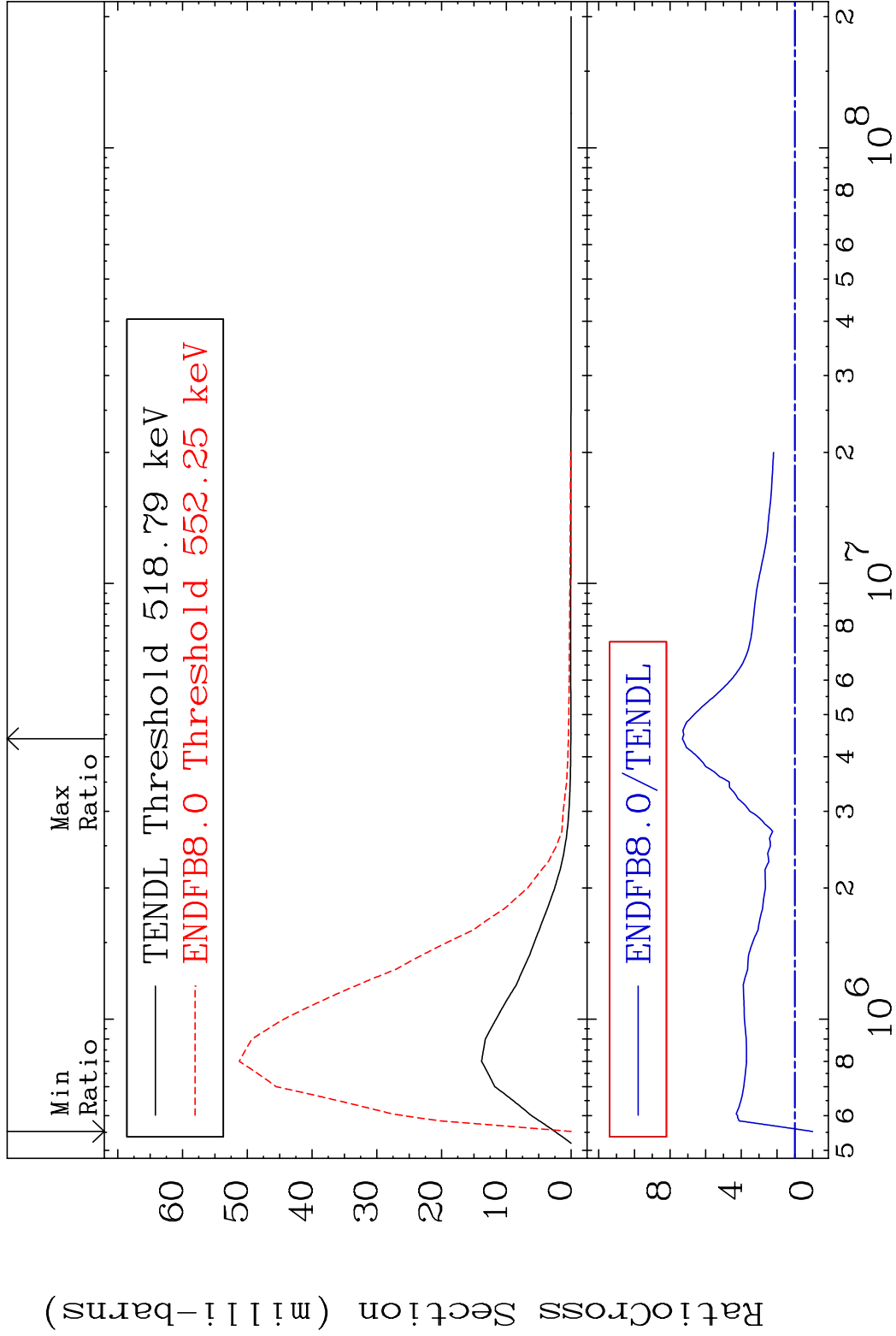
MAT 9646 MT= 70 (n,n') Level 96-Cm-247
Cross Section -100.0 To 382.9 %



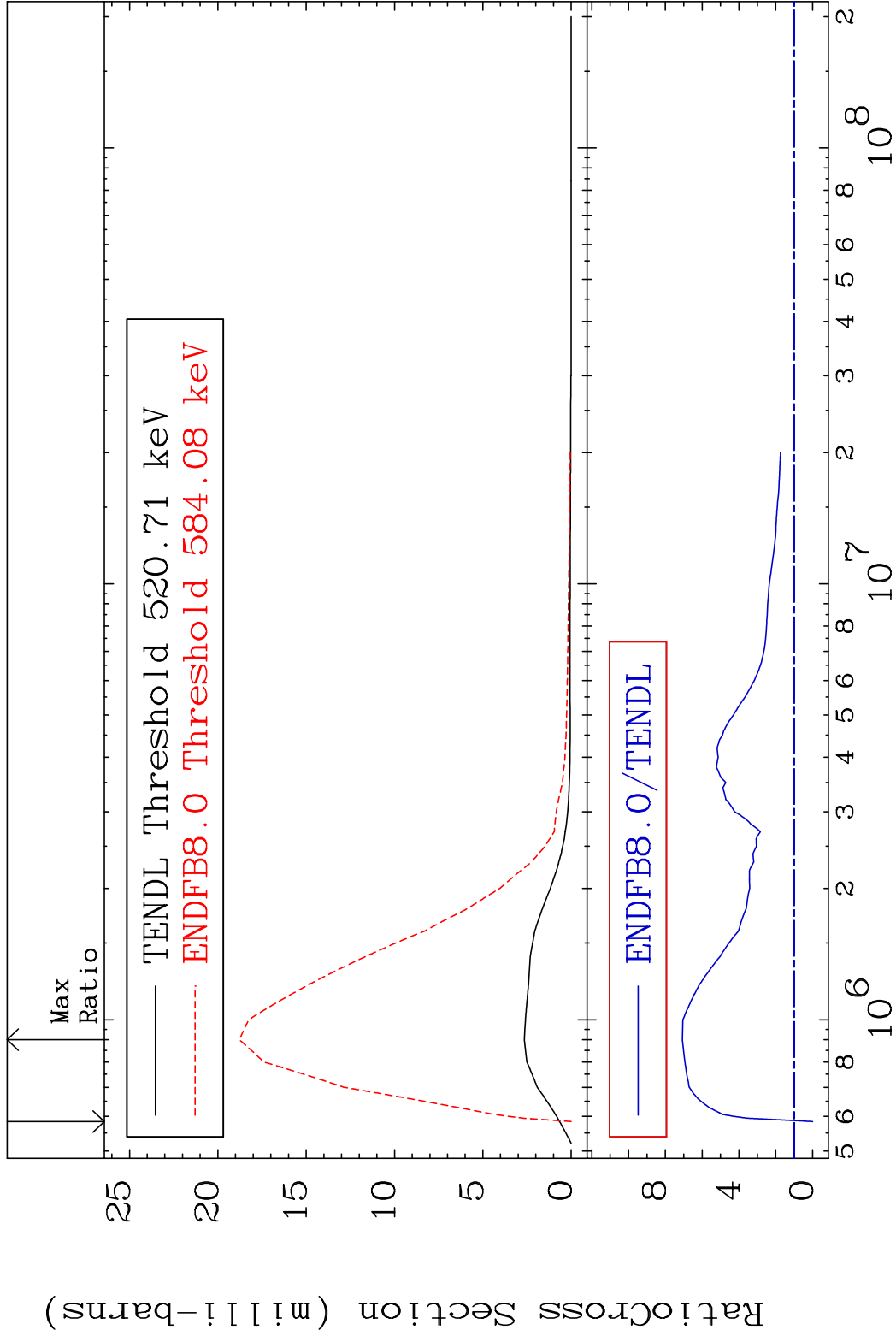
MAT 9646 MT= 71 (n,n') Level 96-Cm-247
Cross Section -100.0 To 1282. %



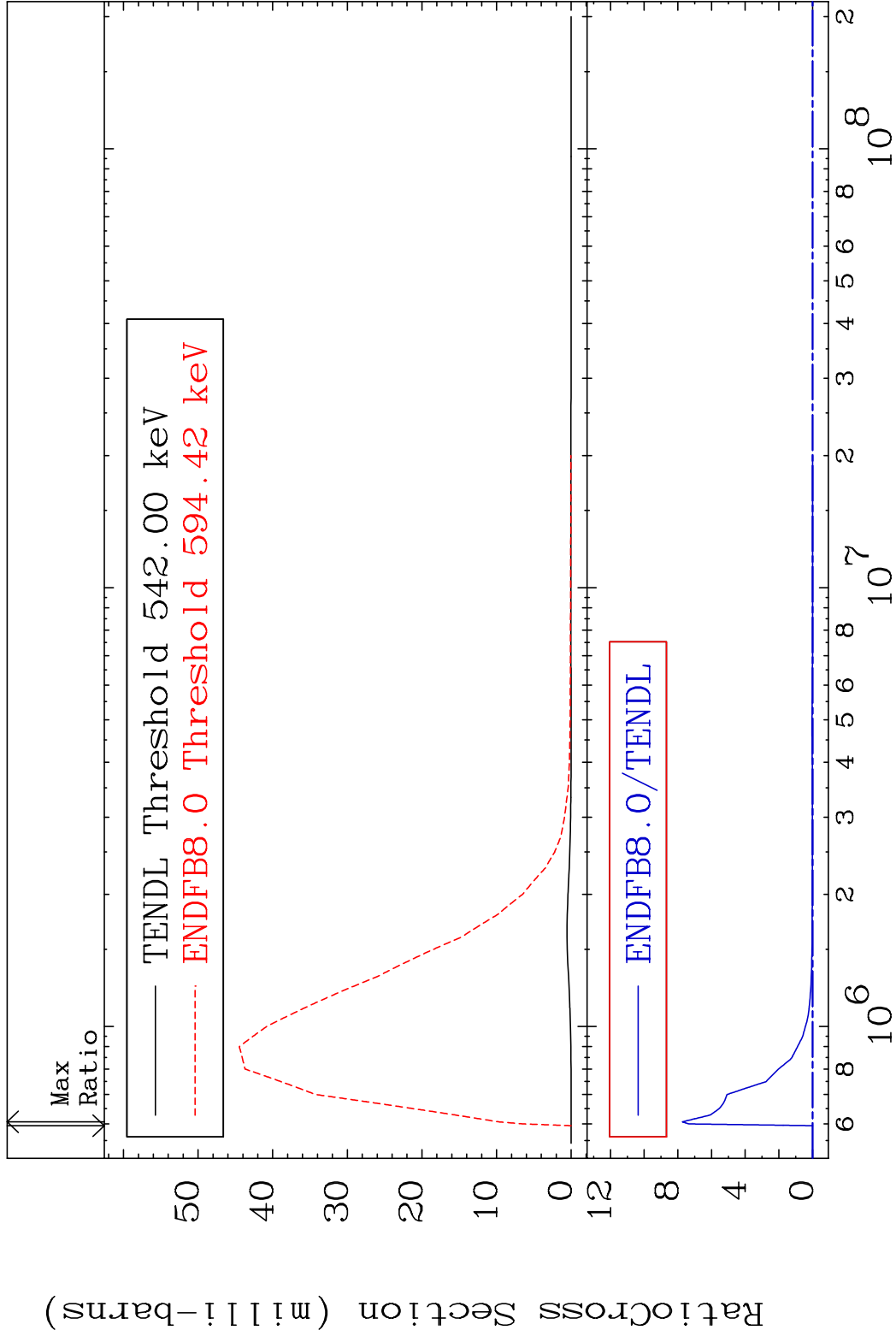
MAT 9646 MT= 72 (n,n') Level 96-Cm-247
Cross Section -100.0 To 630.8 %



MAT 9646 MT= 73 (n,n') Level 96-Cm-247
Cross Section -100.0 To 607.6 %



MAT 9646 MT= 74 (n,n') Level 96-Cm-247
Cross Section -100.0 To 9999. %



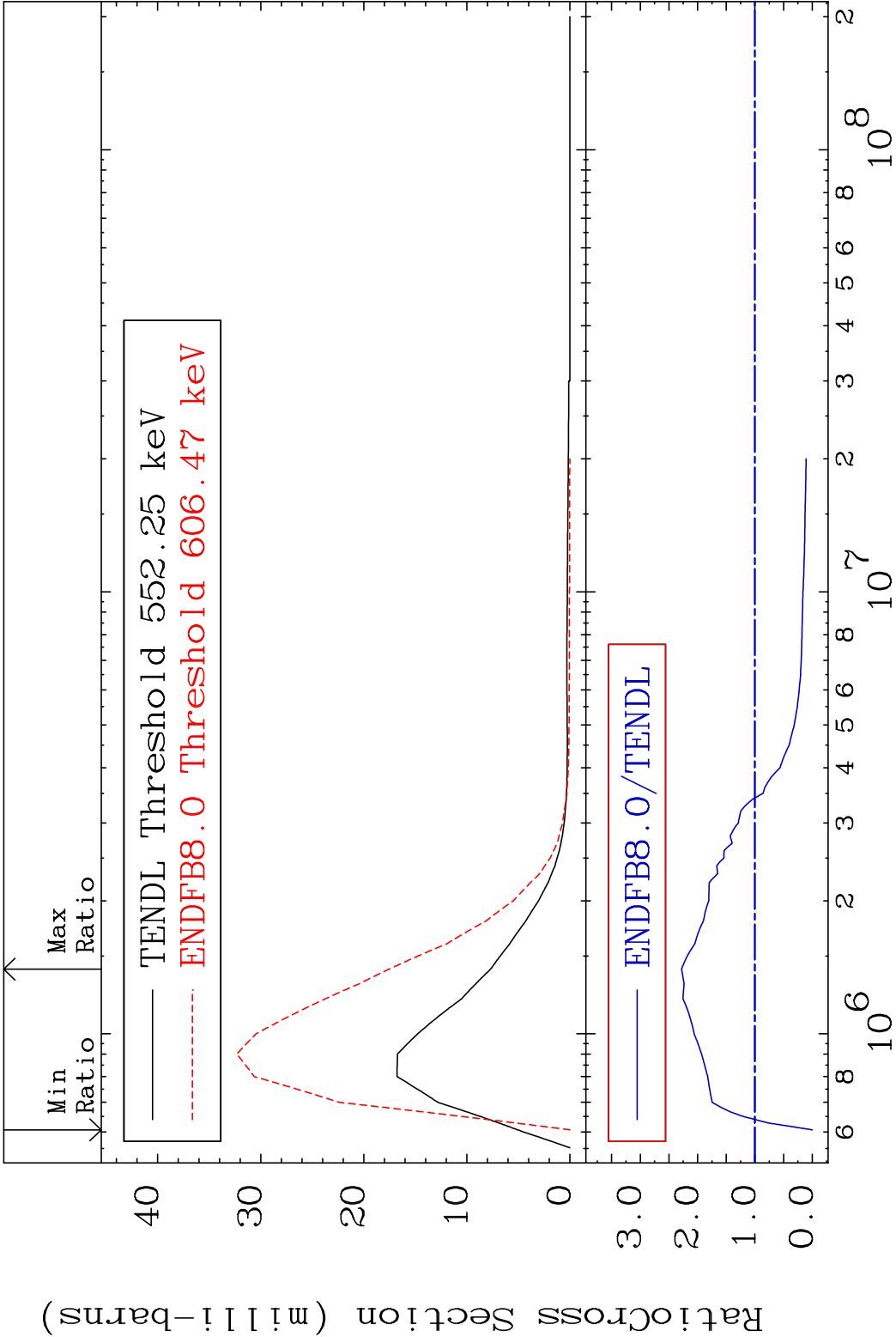
MAT 9646

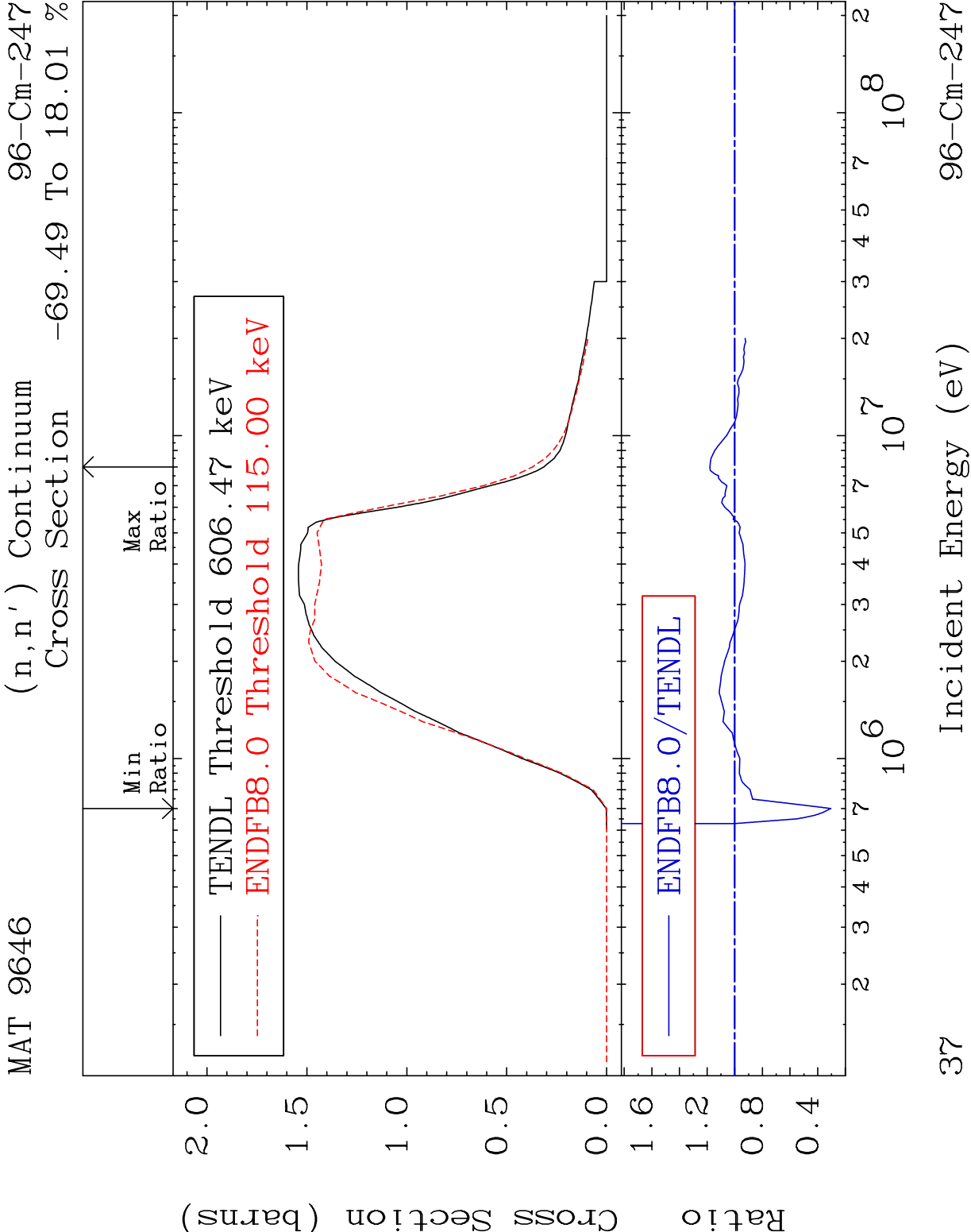
MT= 75 (n,n') Level

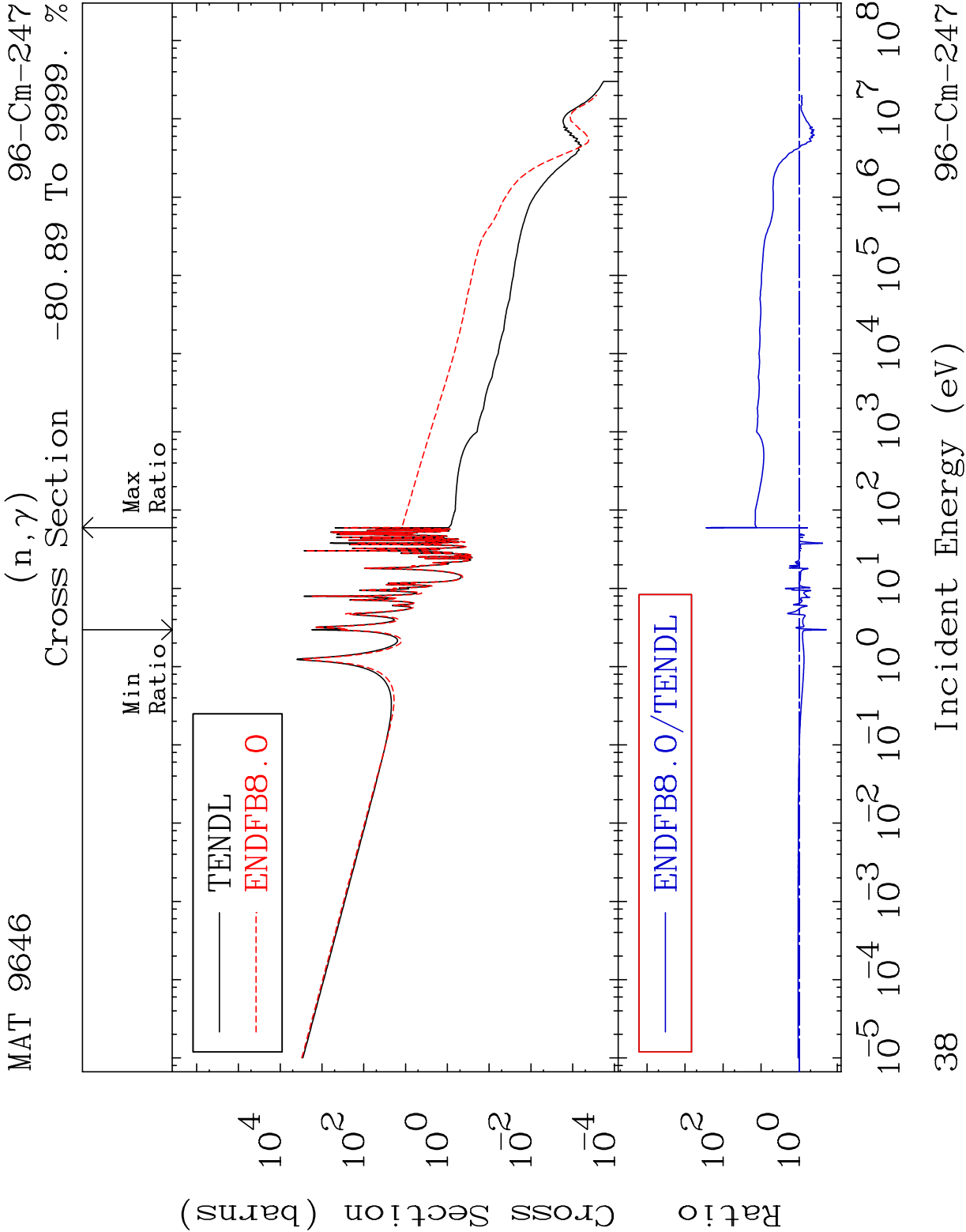
96-Cm-247

Cross Section

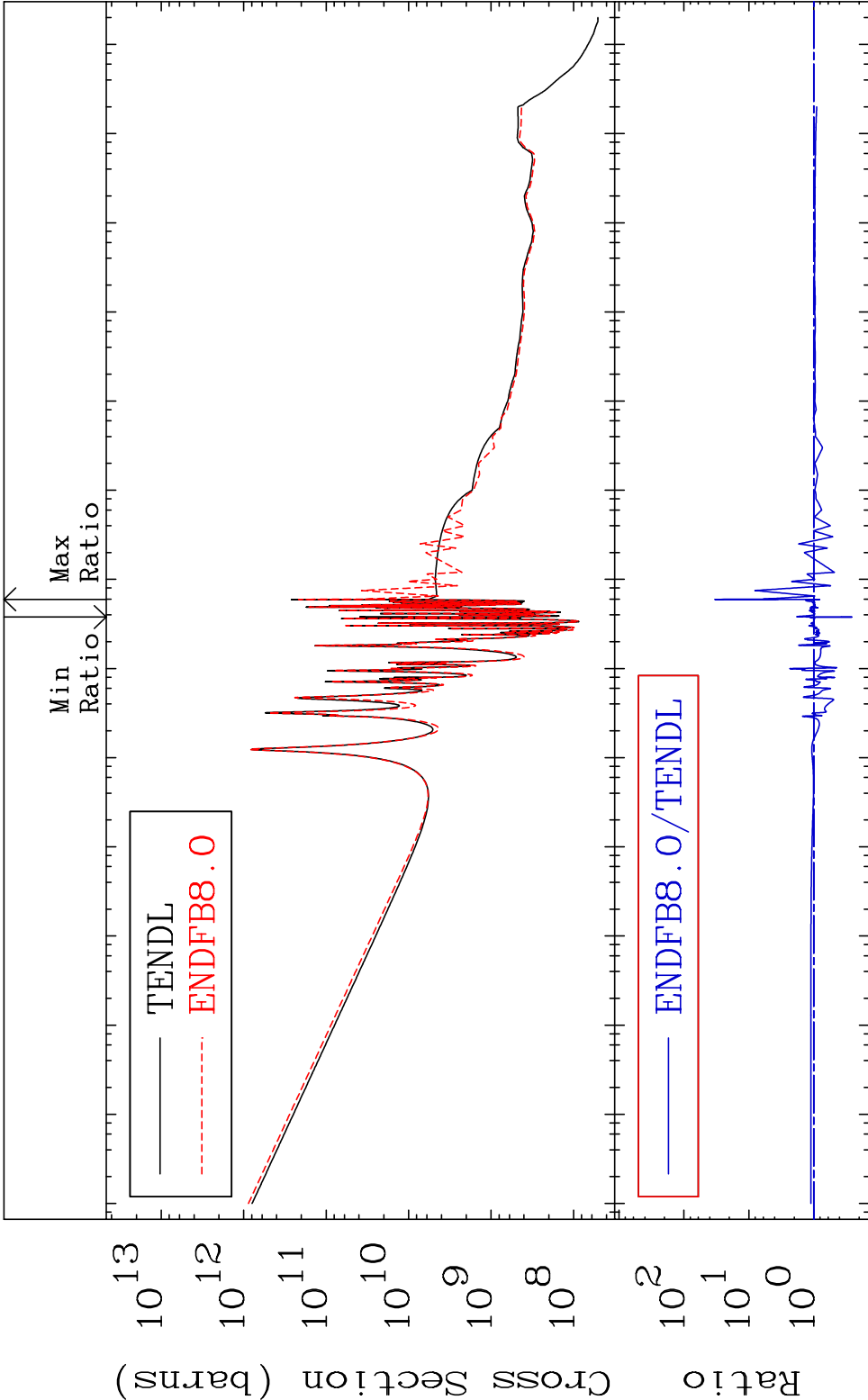
-100.0 To 128.0 %



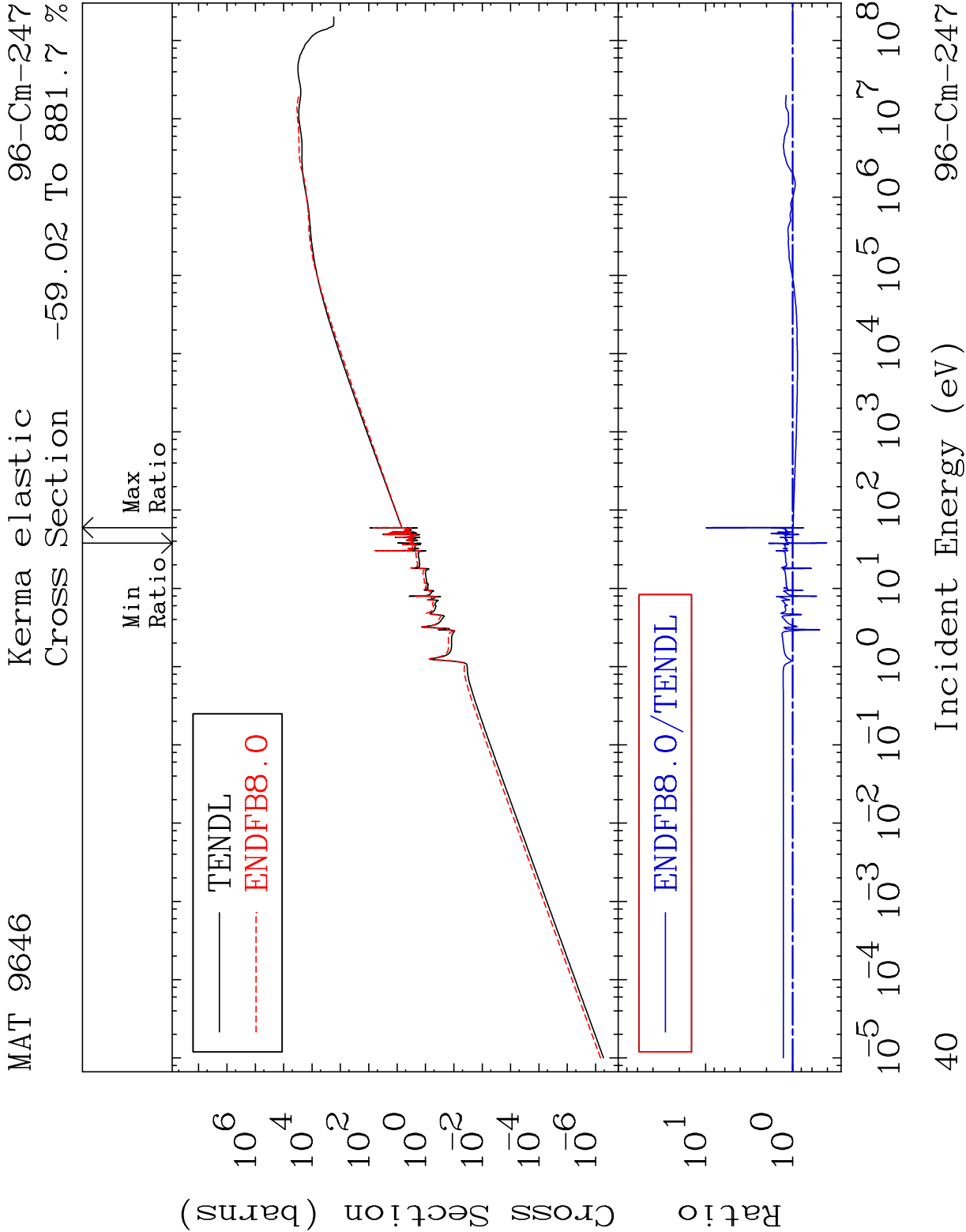




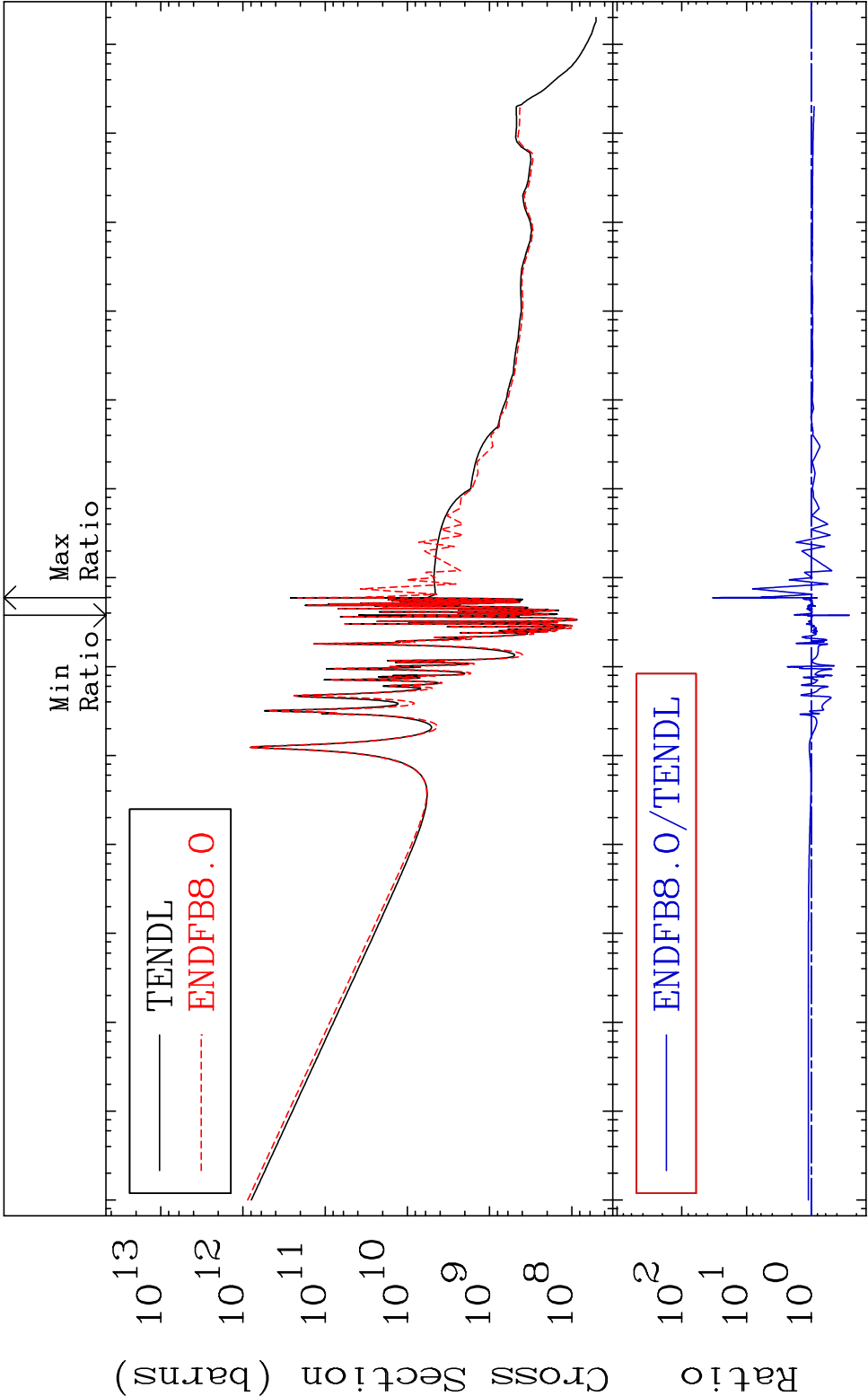
MAT 9646 Kerma total (eV-barns) 96-Cm-247
Cross Section -74.38 To 3220. %



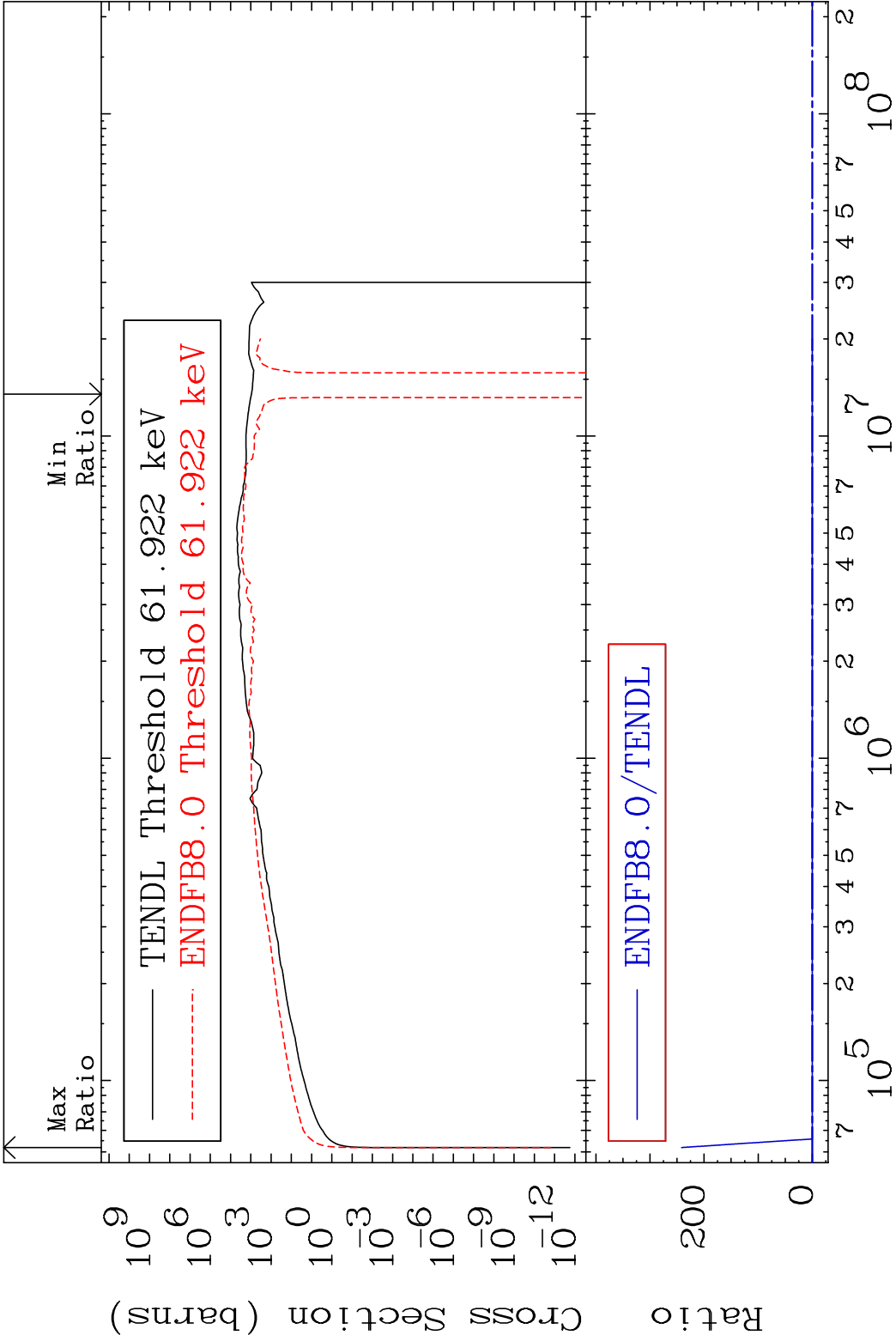
39 Incident Energy (eV) 96-Cm-247



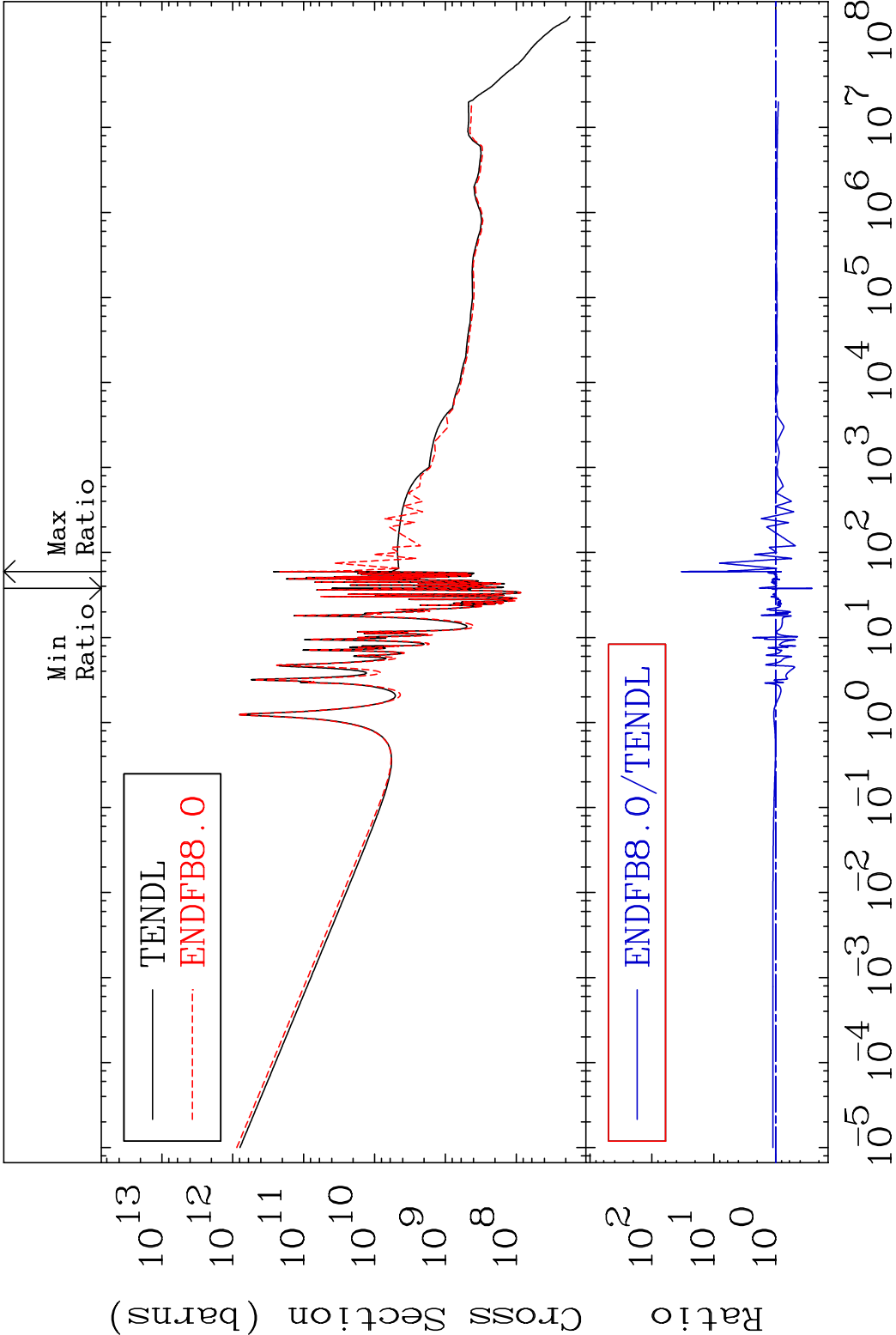
MAT 9646 Kerma non-elastic (all but mt2) 96-Cm-247
Cross Section -74.38 To 3220. %



41 Incident Energy (eV) 96-Cm-247



MAT 9646 Kerma fission (mt18 or mt19-20-21-38) 96-Cm-247
Cross Section -74.38 To 3220. %

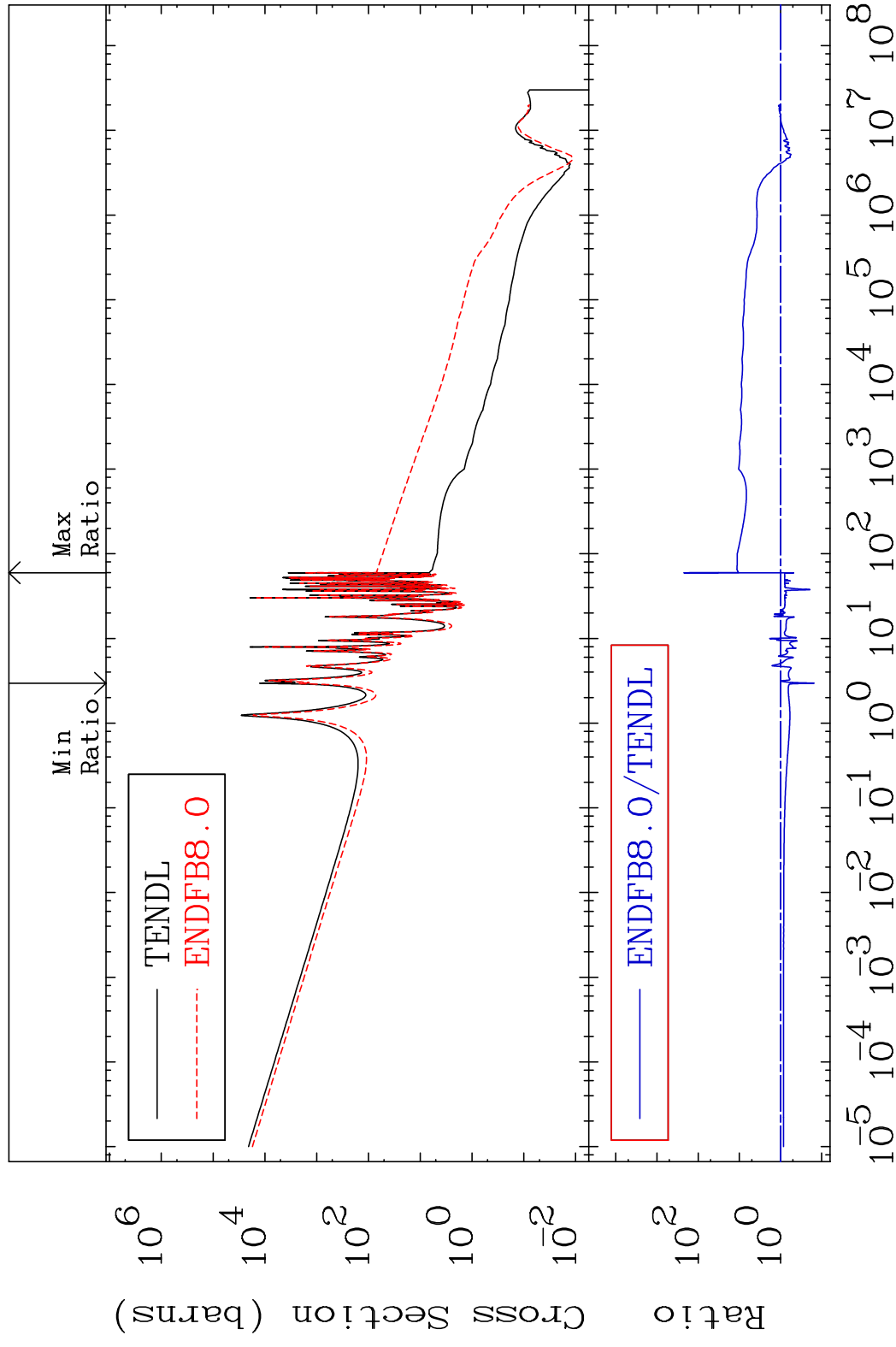


43 Incident Energy (eV) 96-Cm-247

MAT 9646

Kerma capture (mt102)	96-Cm-247
Cross Section	-84.85 To 9999. %

Cross Section -84.85 To 9999. %

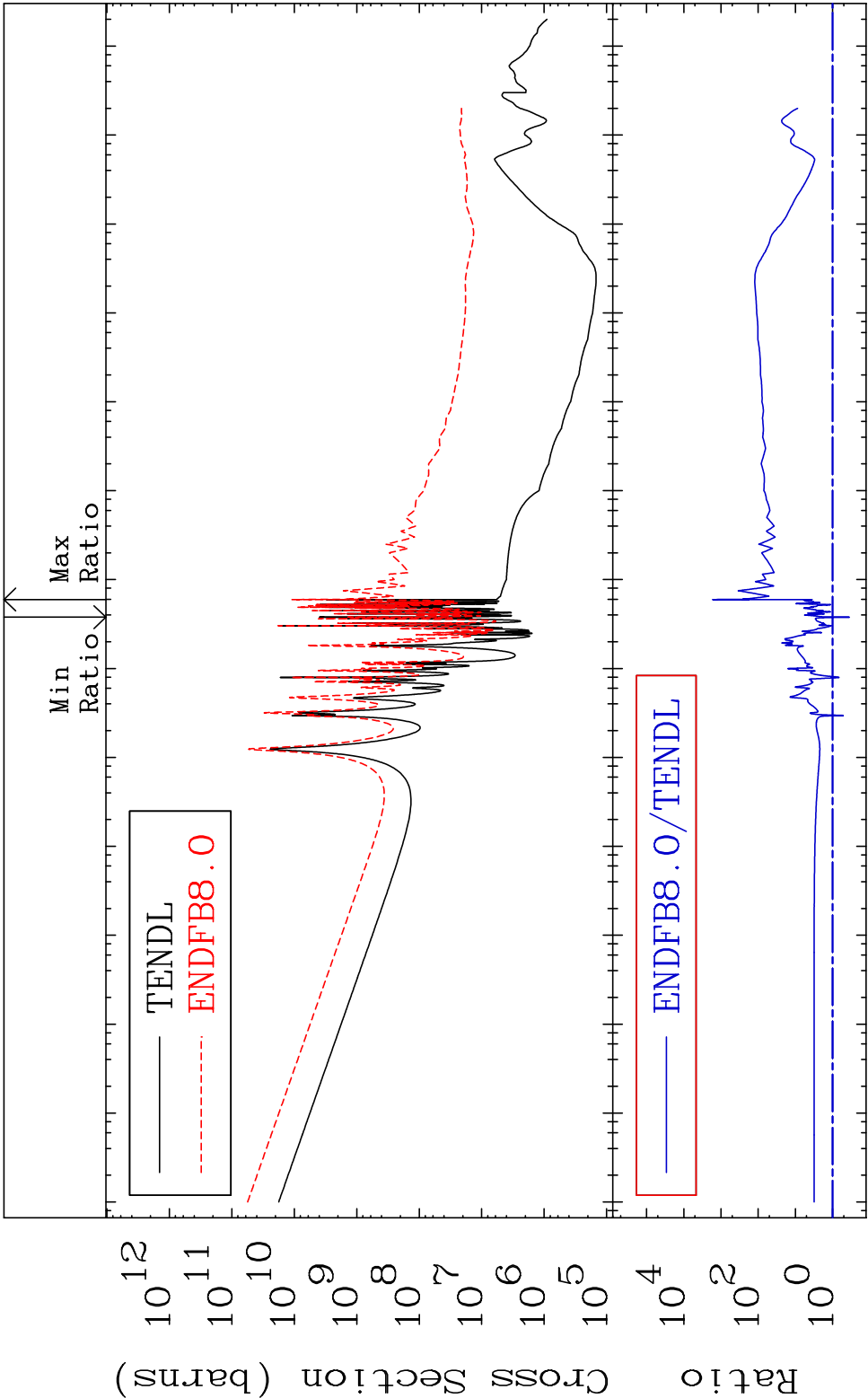


44

Incident Energy (eV)

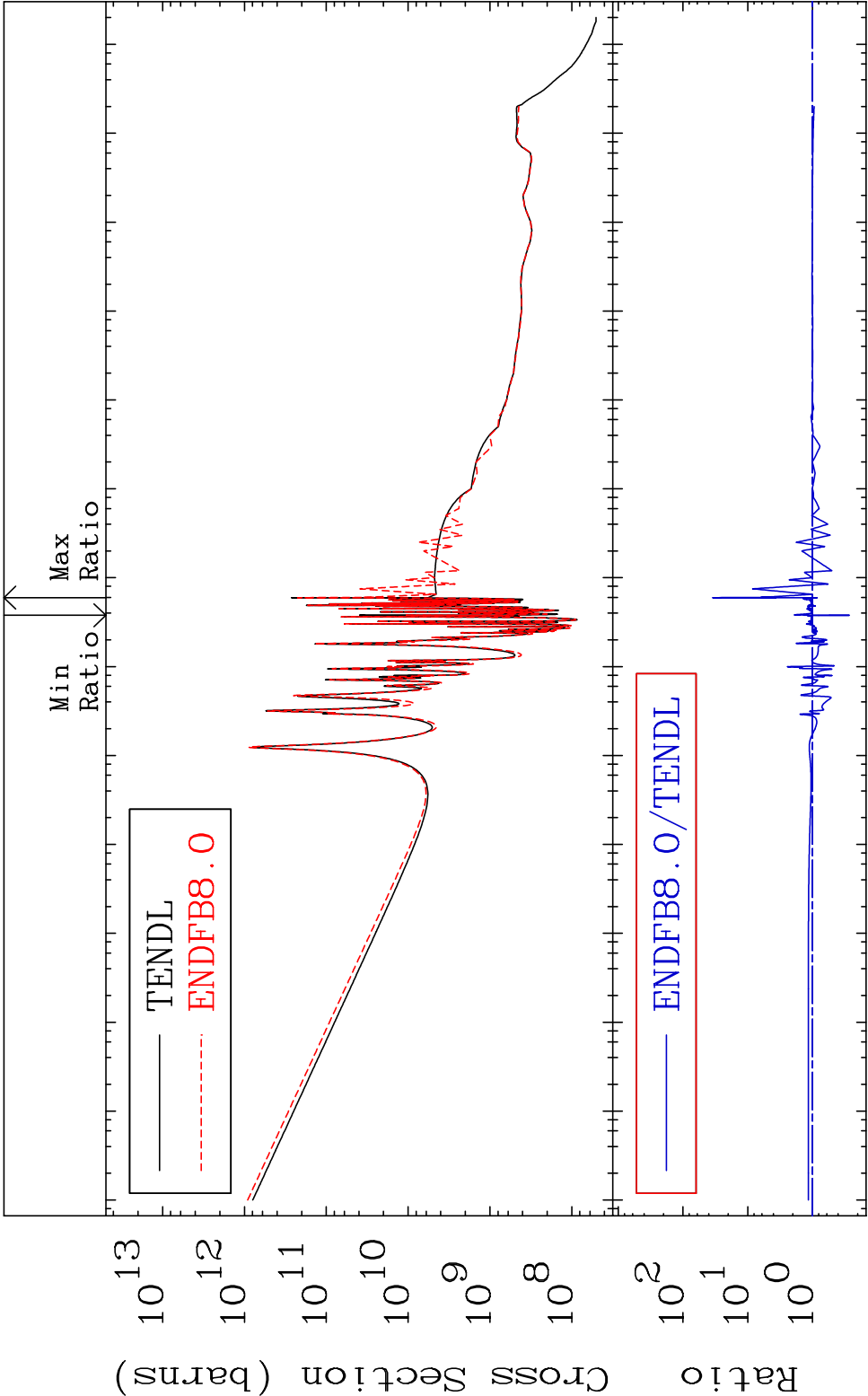
96-Cm-247

MAT 9646 Total photon (eV-barns) 96-Cm-247
Cross Section -65.04 To 9999. %



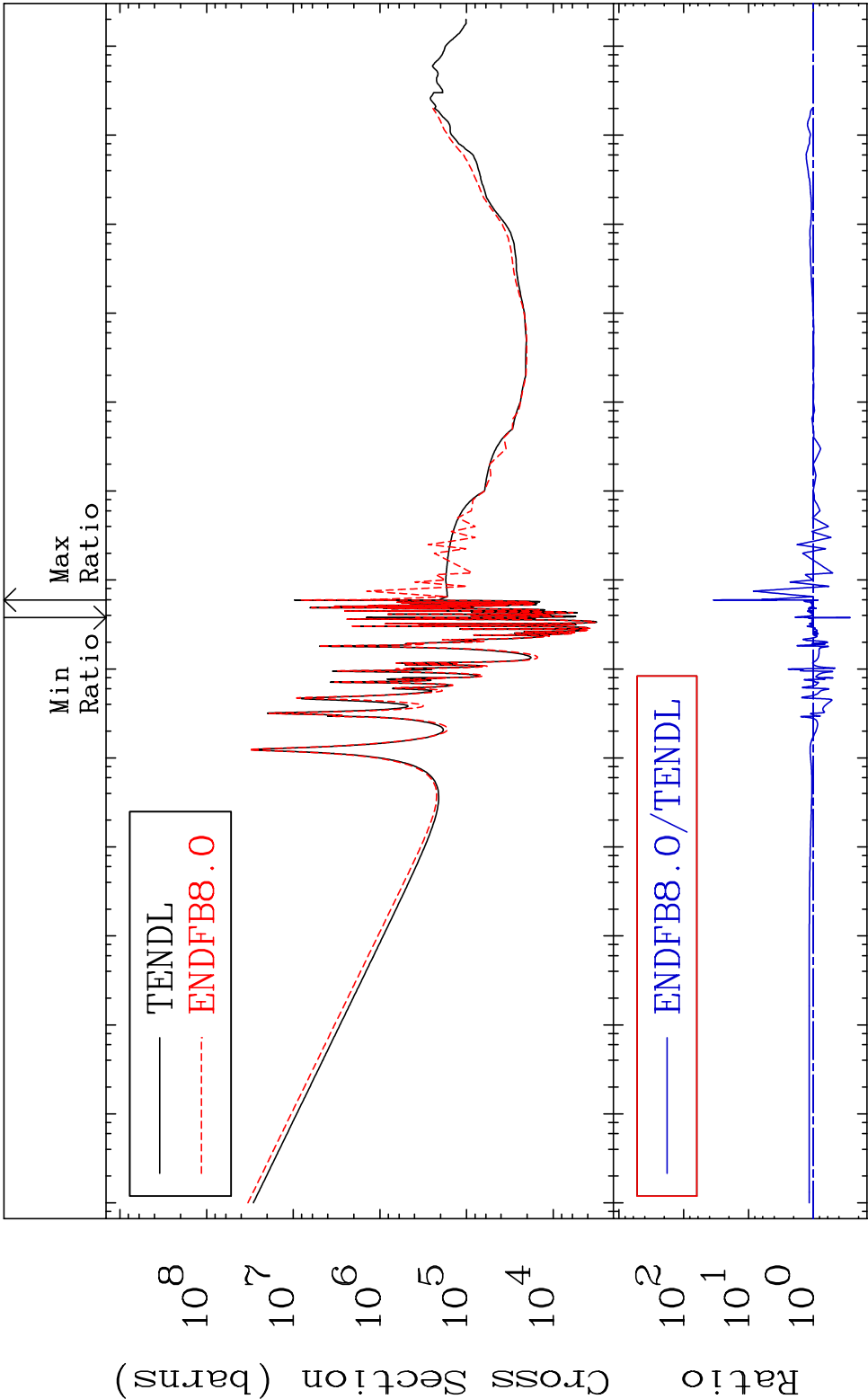
45 Incident Energy (eV) 96-Cm-247

MAT 9646 Total kinematic kerma (high limit) 96-Cm-247
Cross Section -73.31 To 3359. %



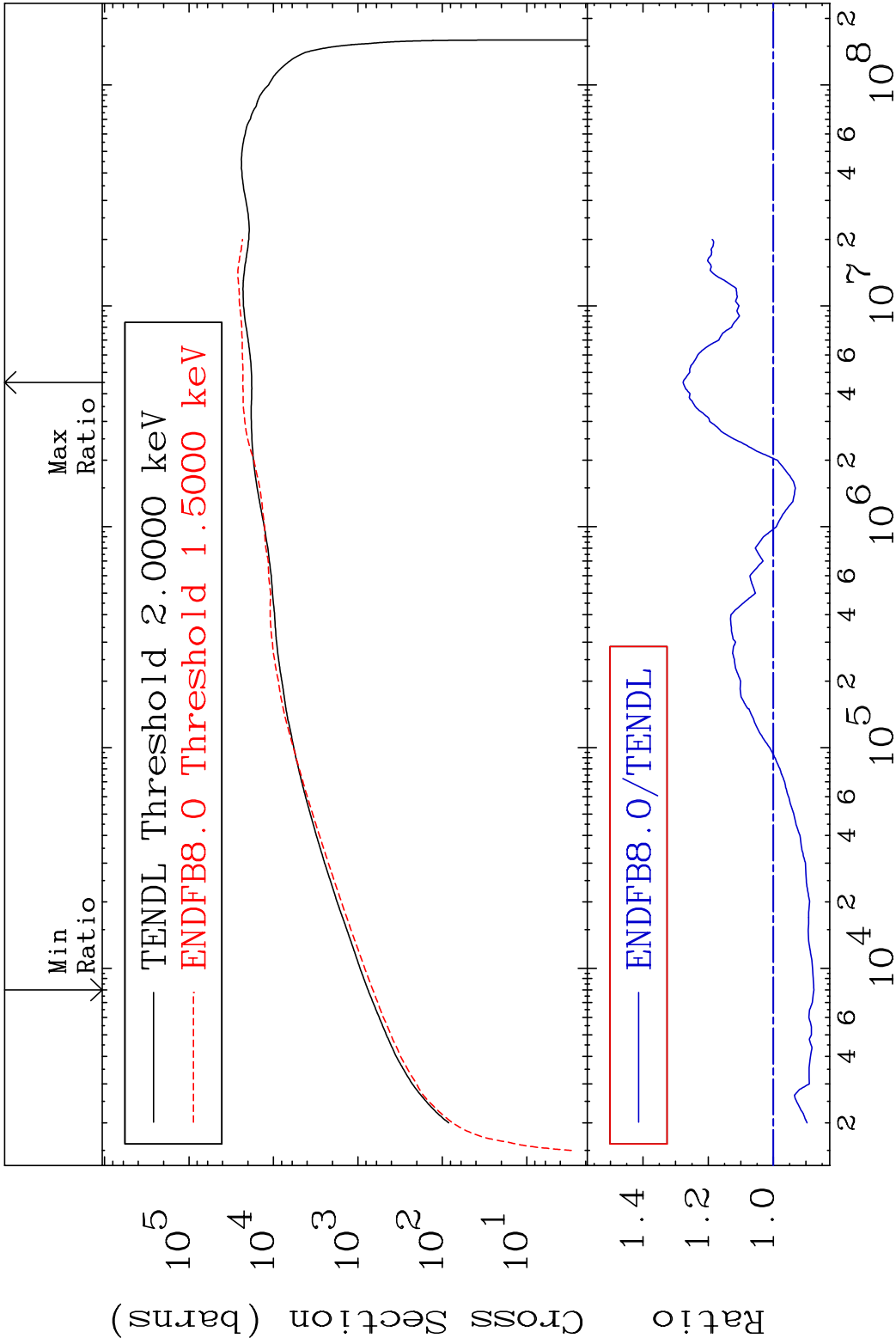
46 Incident Energy (eV) 96-Cm-247

MAT 9646 Dpa total (eV-barns) 96-Cm-247
Cross Section -73.30 To 3360. %

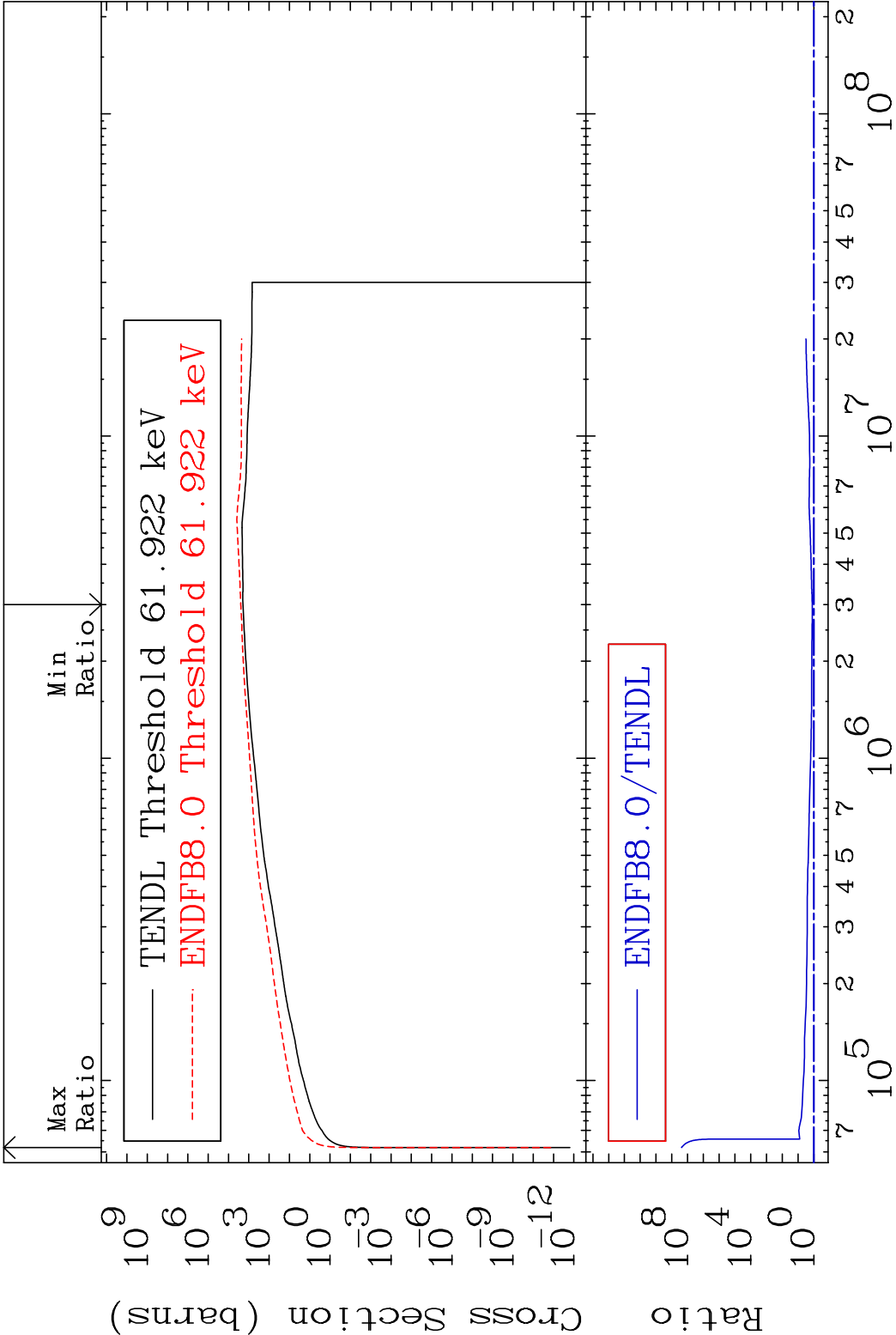


47 Incident Energy (eV) 96-Cm-247

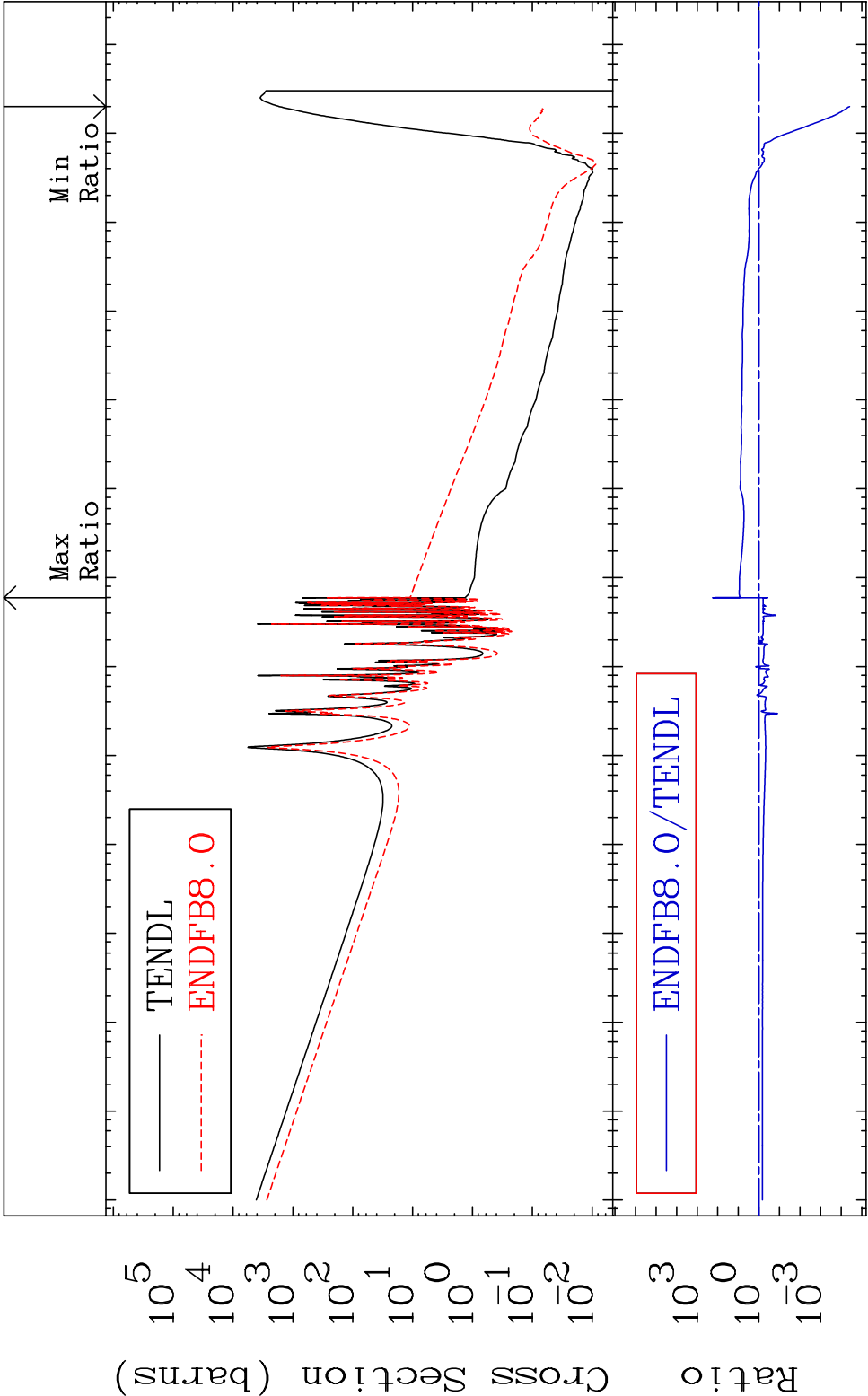
MAT 9646	Dpa elastic (mt2)	96-Cm-247
	Cross Section	-12.42 To 27.72 %



MAT 9646 Dpa inelastic (mt51-91) 96-Cm-247
Cross Section 26.50 To 9999. %



MAT 9646 Dpa disappearance (mt102 -120) 96-Cm-247
Cross Section -100.0 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

50 Incident Energy (eV) 96-Cm-247