

Program Complot
(Version 2021-1)

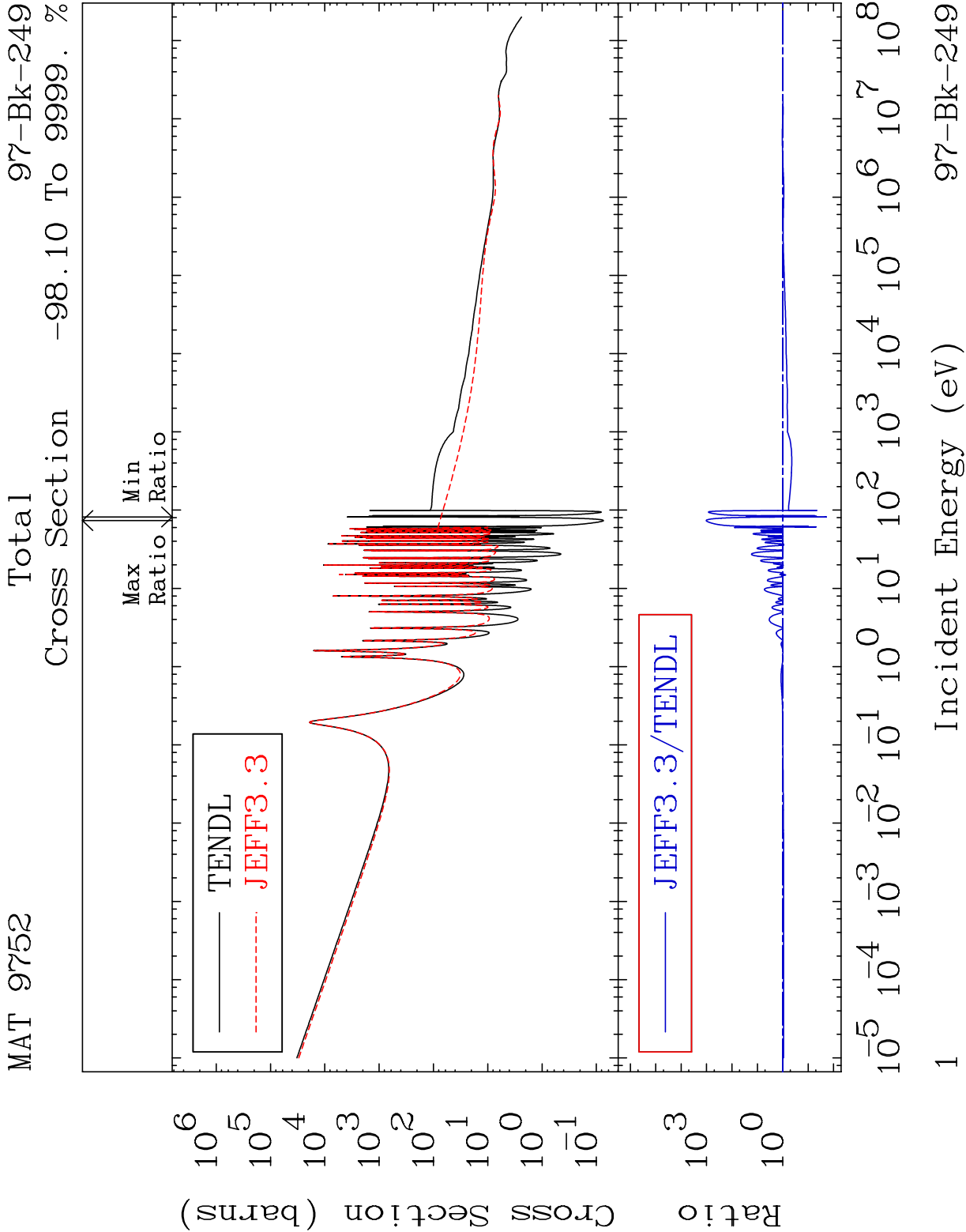
by

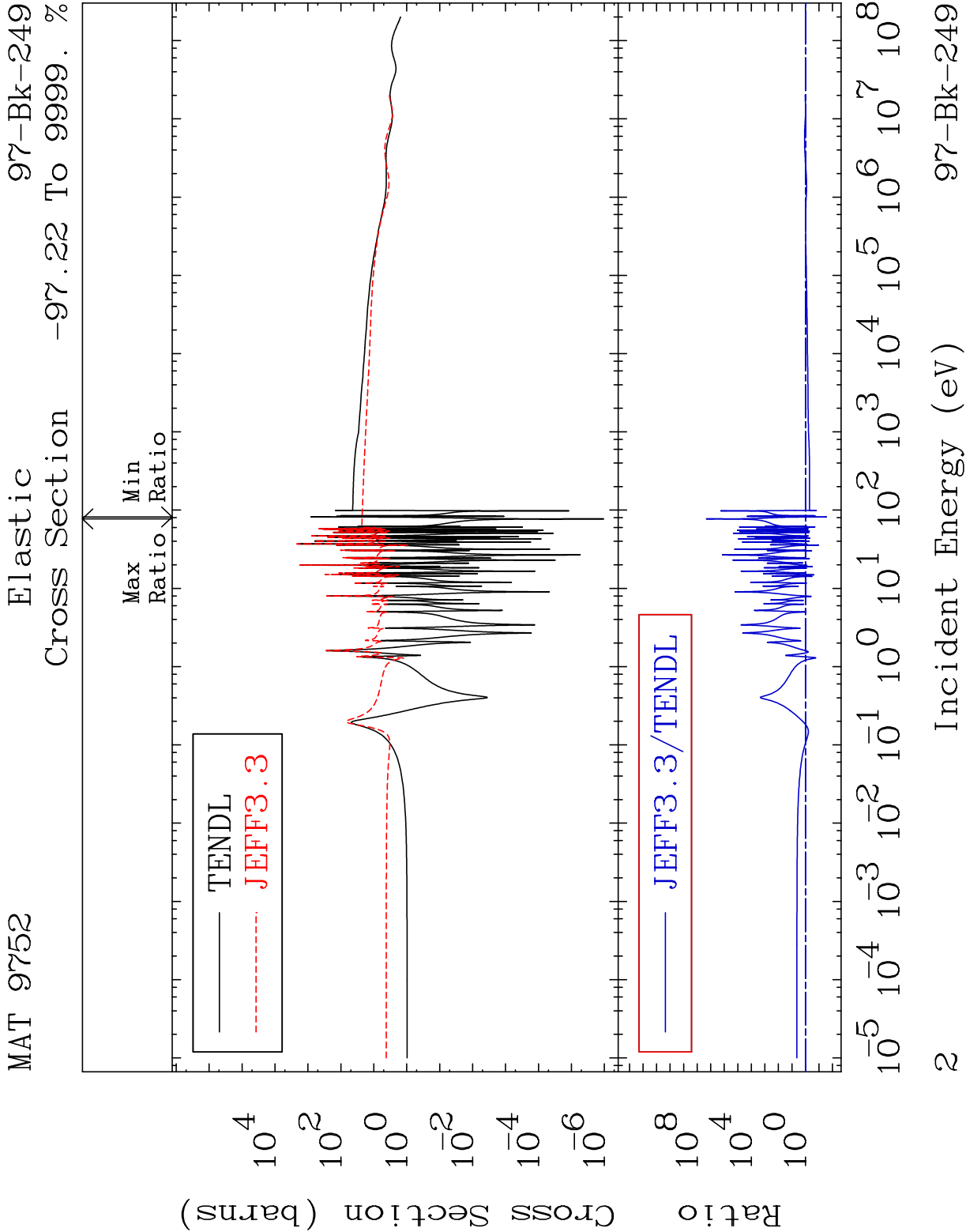
Dermott E. Cullen
(Present Contact Information)

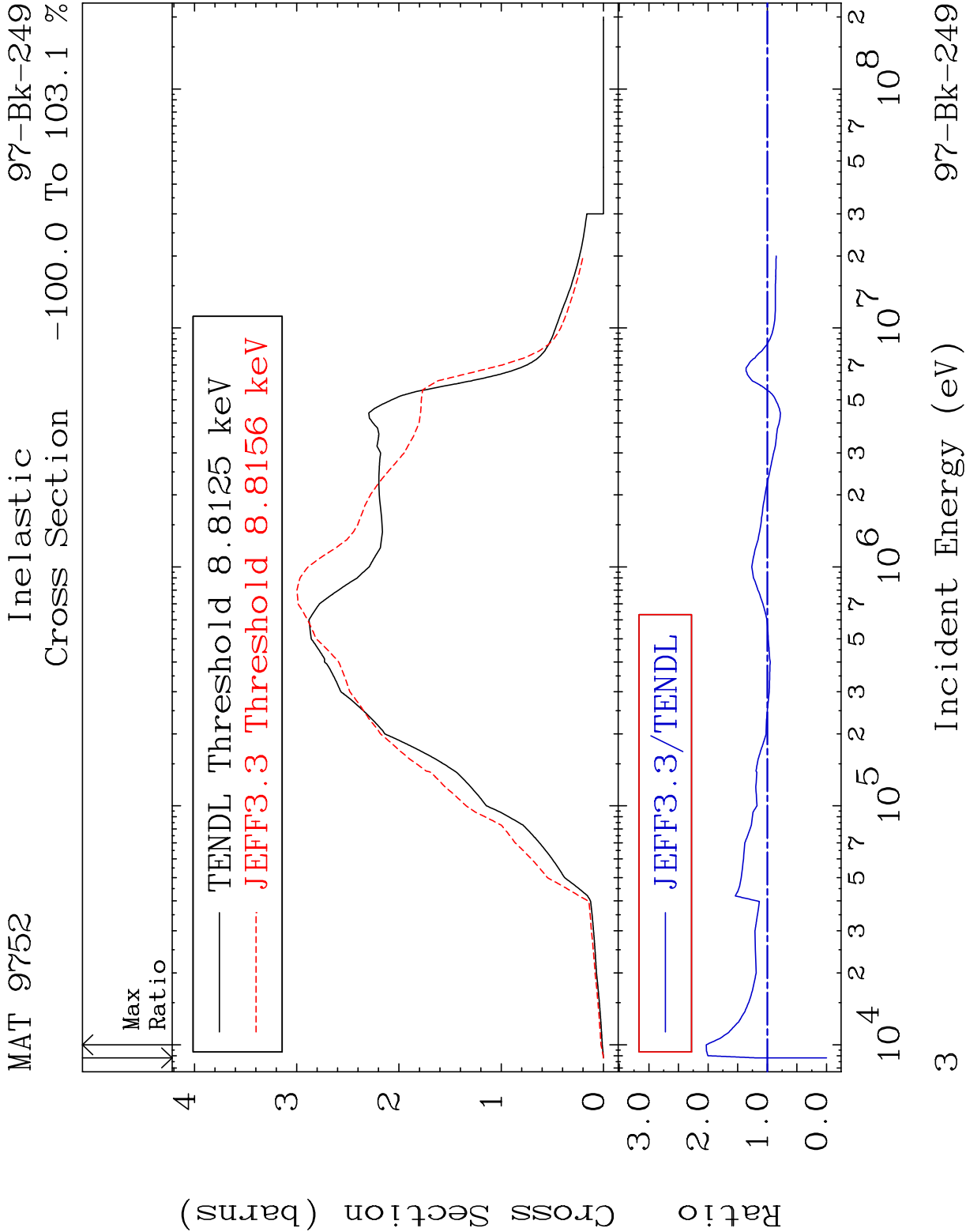
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

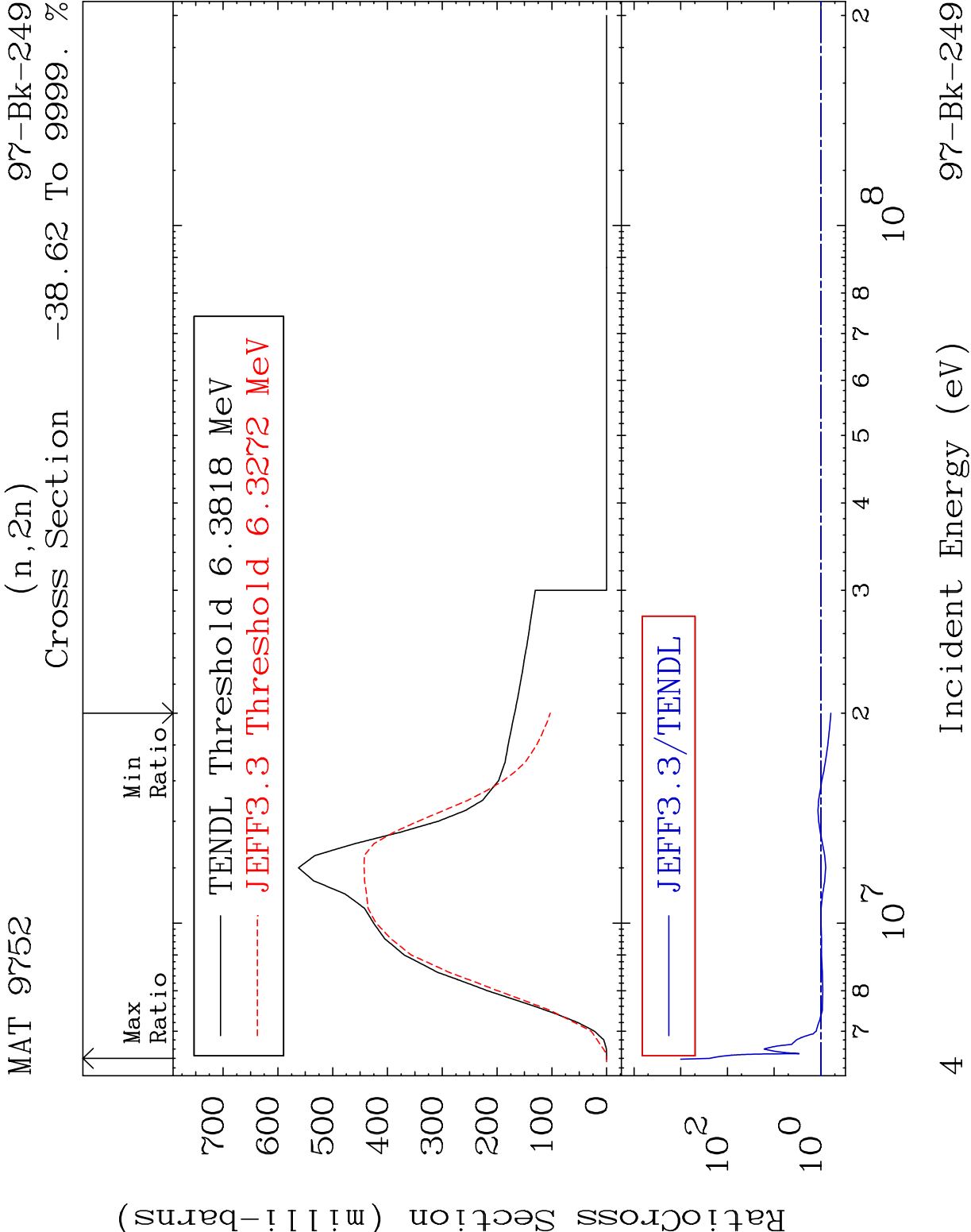
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

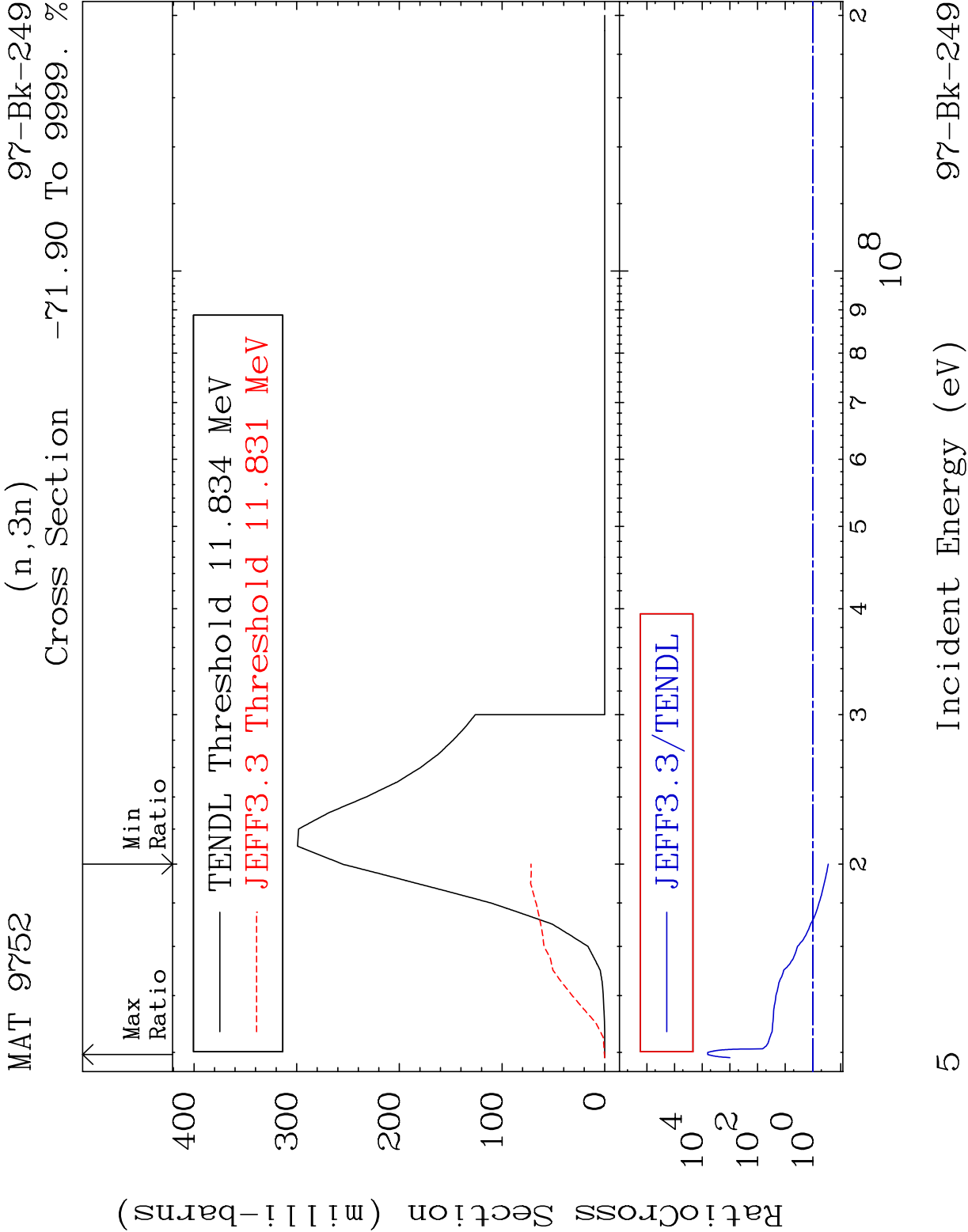
Press Mouse Button to Start









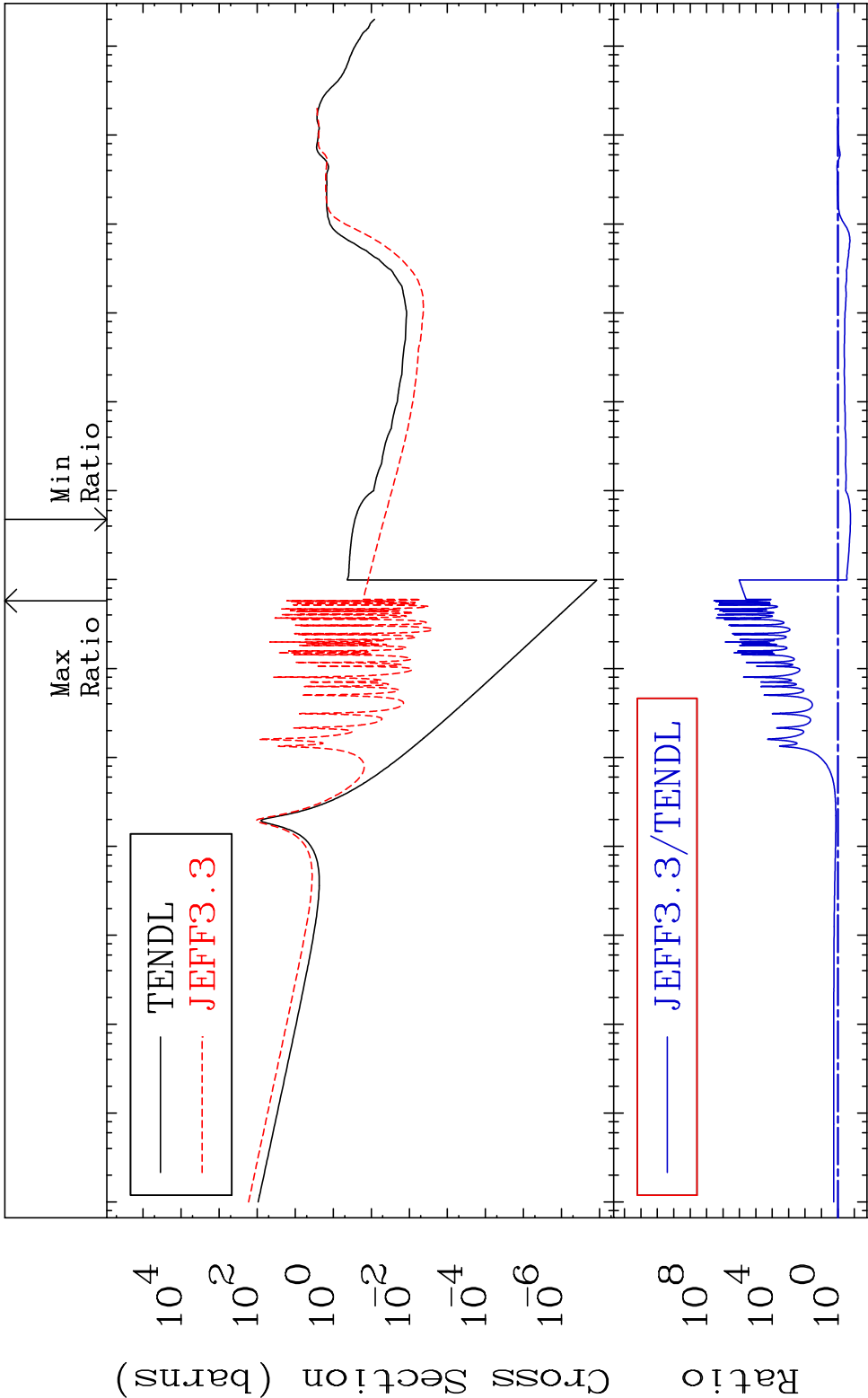


MAT 9752

Fission

97-Bk-249

Cross Section -82.73 To 9999. %



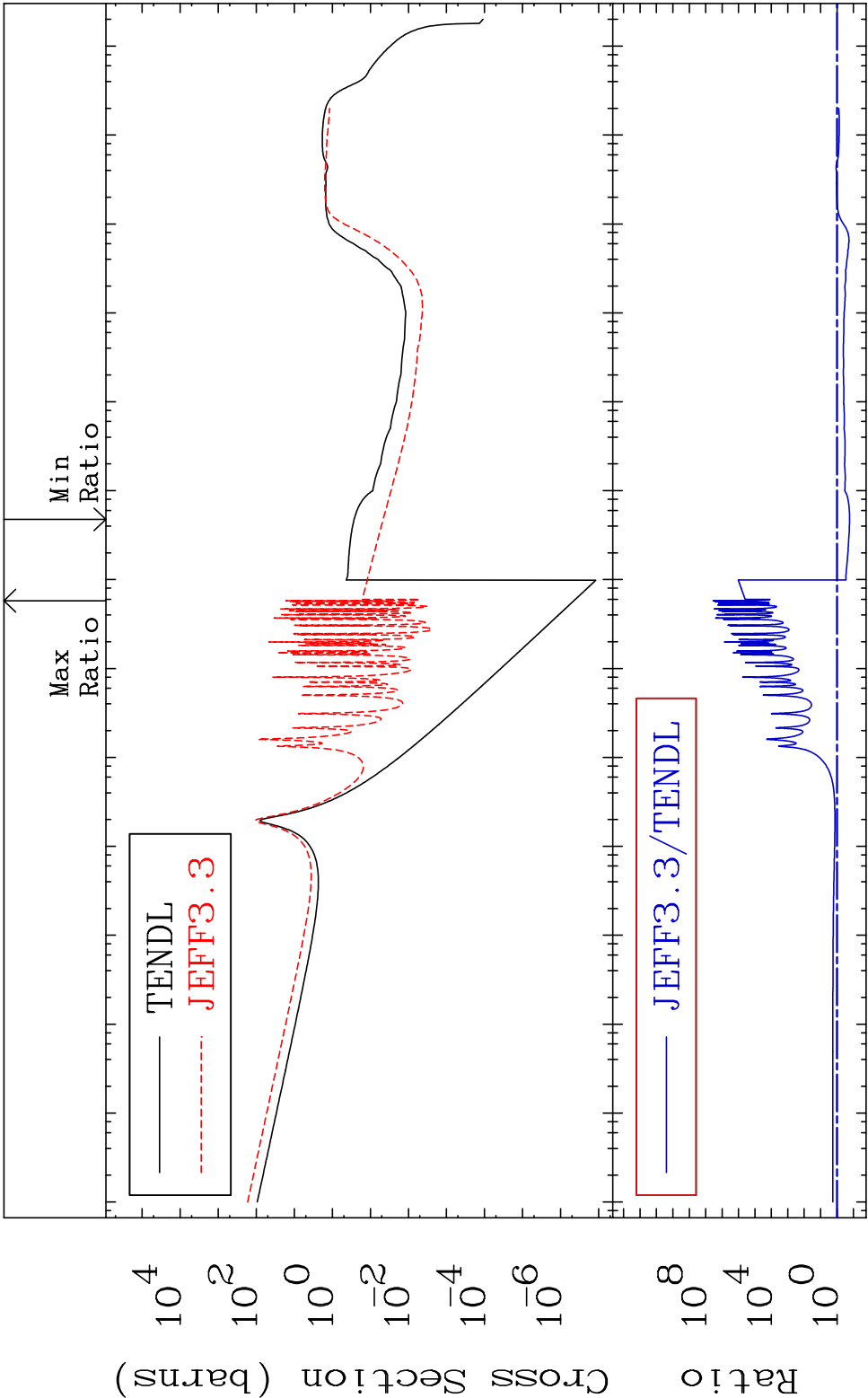
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

6

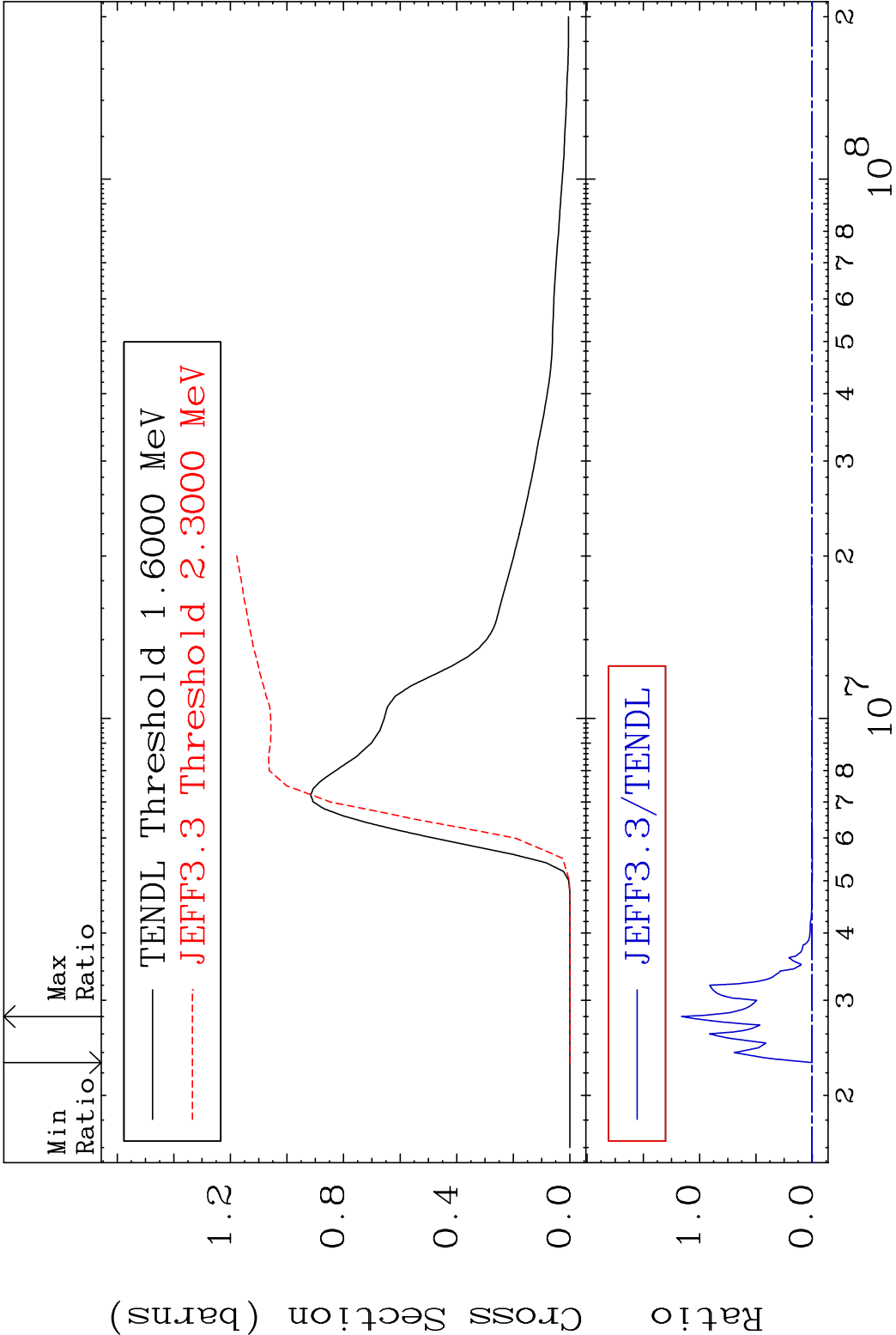
Incident Energy (eV)

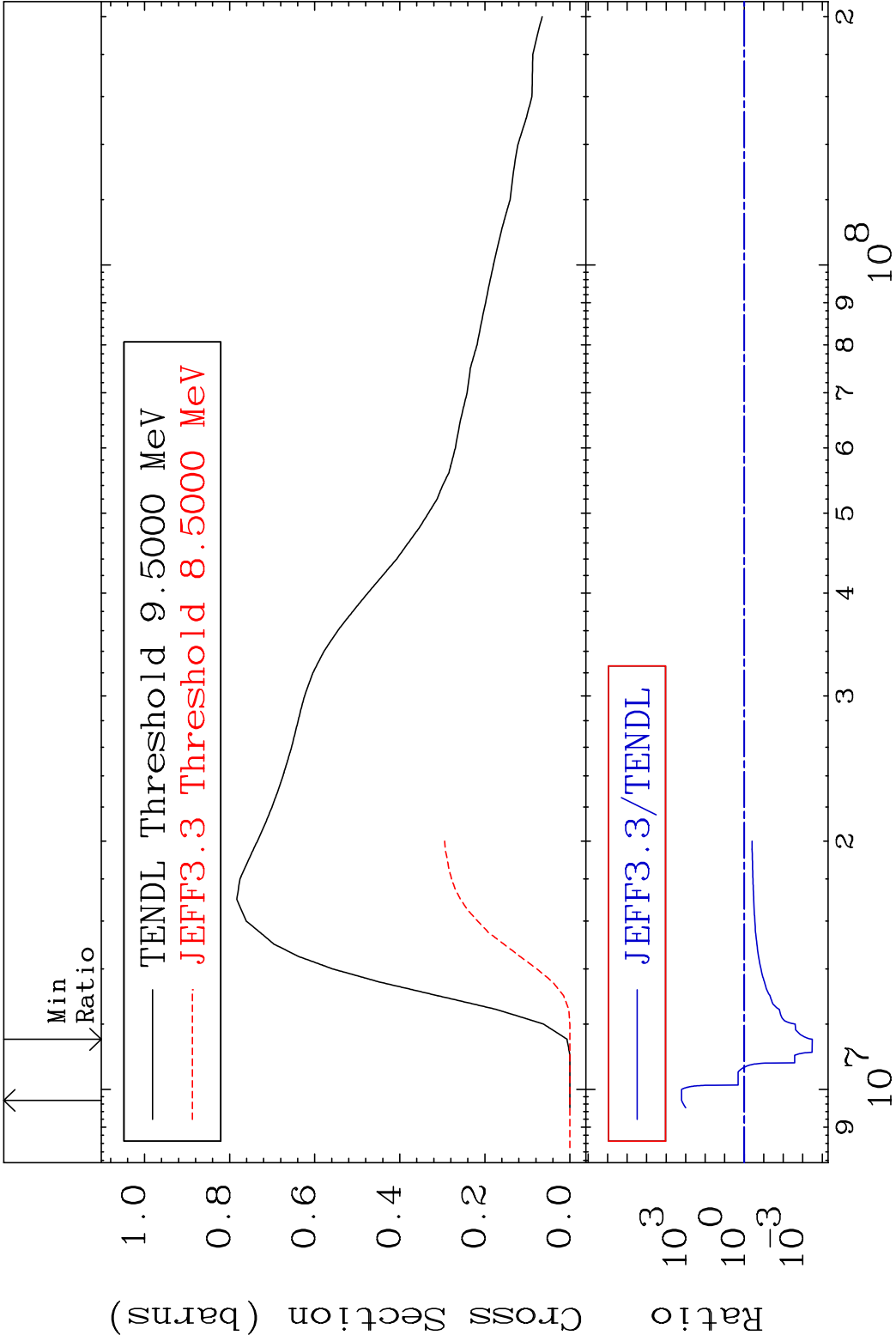
97-Bk-249

MAT 9752 (n,f) First Chance 97-Bk-249
Cross Section -82.73 To 9999. %



7 Incident Energy (eV) 97-Bk-249



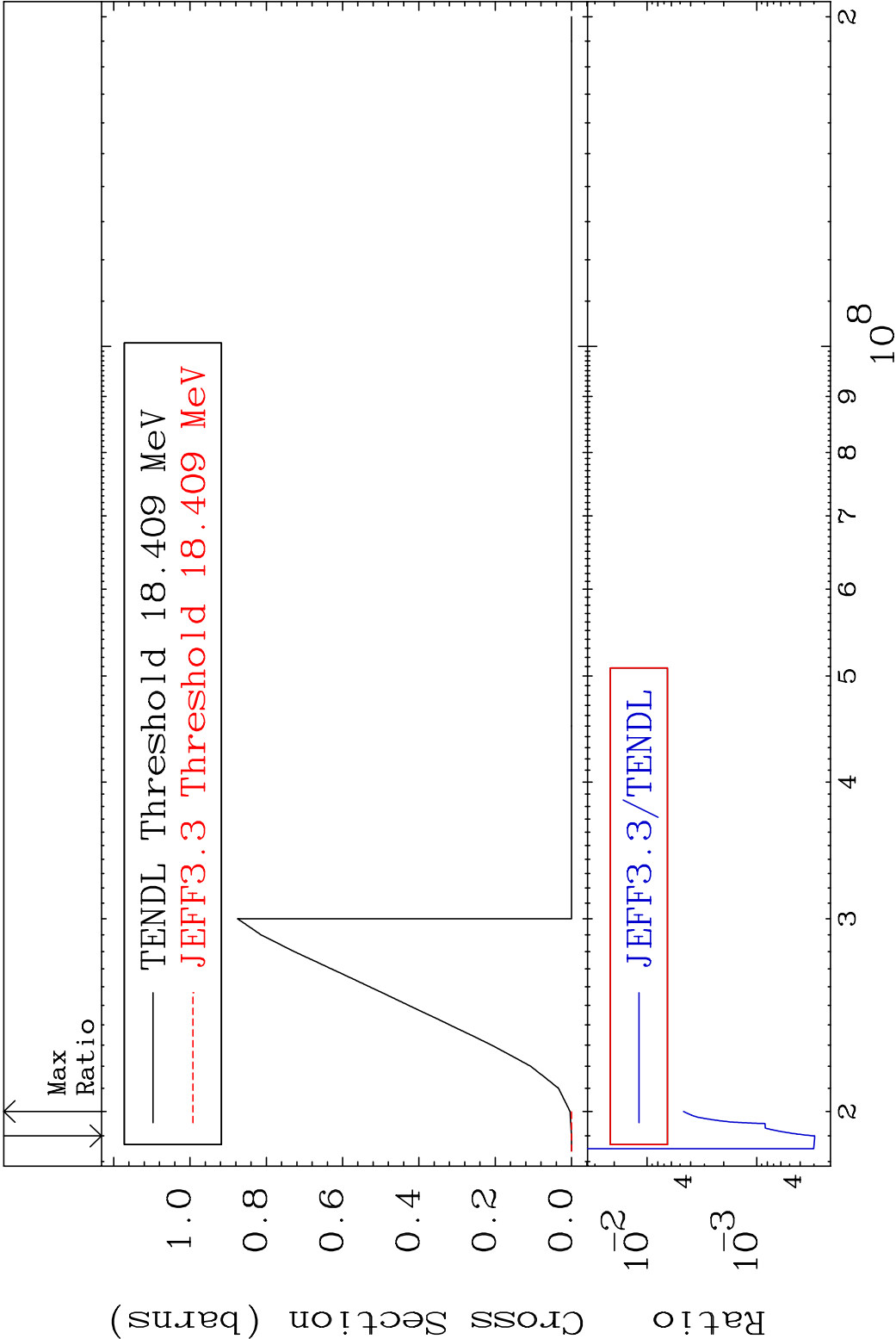


MAT 9752

(n,4n)

97-Bk-249

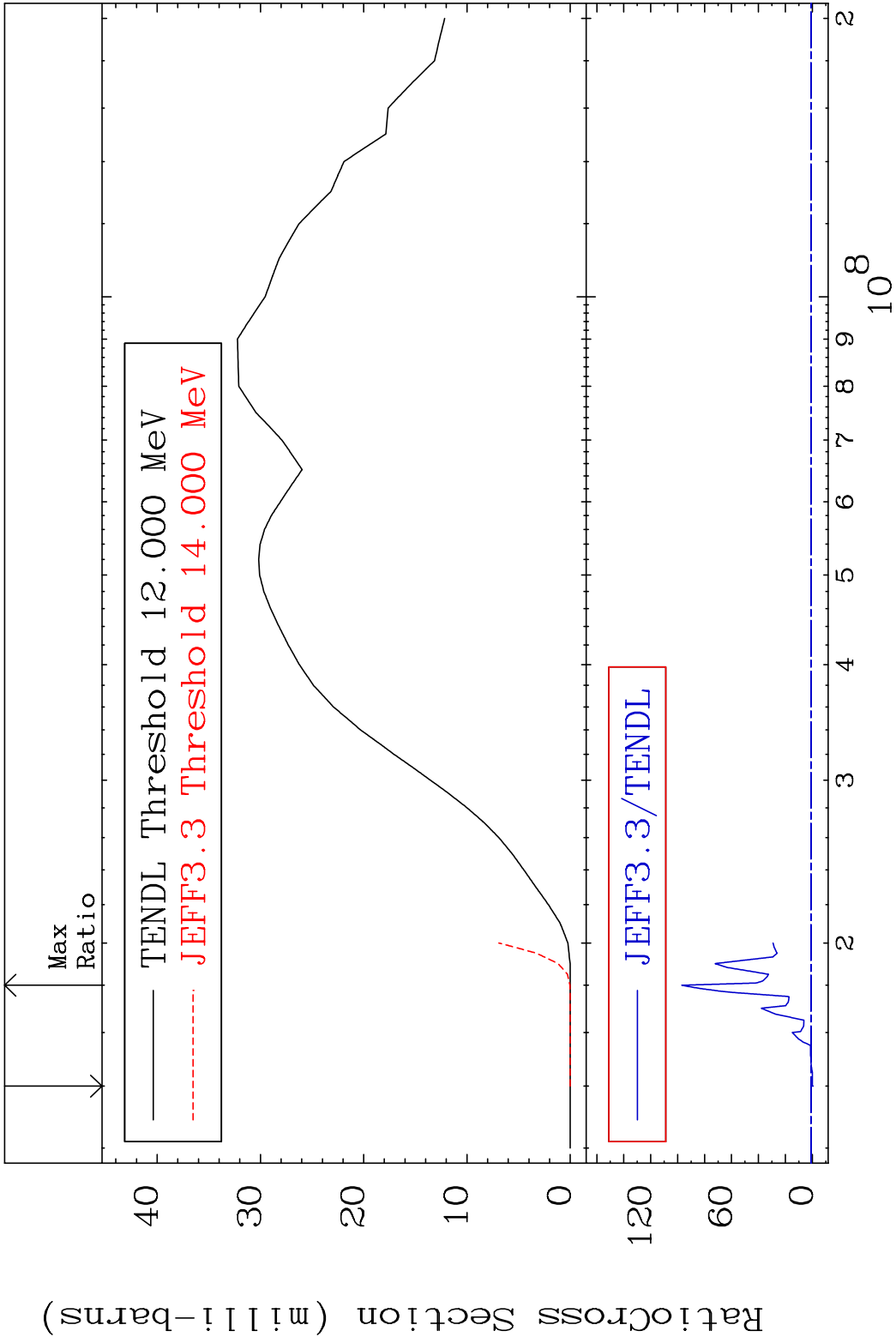
Cross Section -99.97 To -99.53%



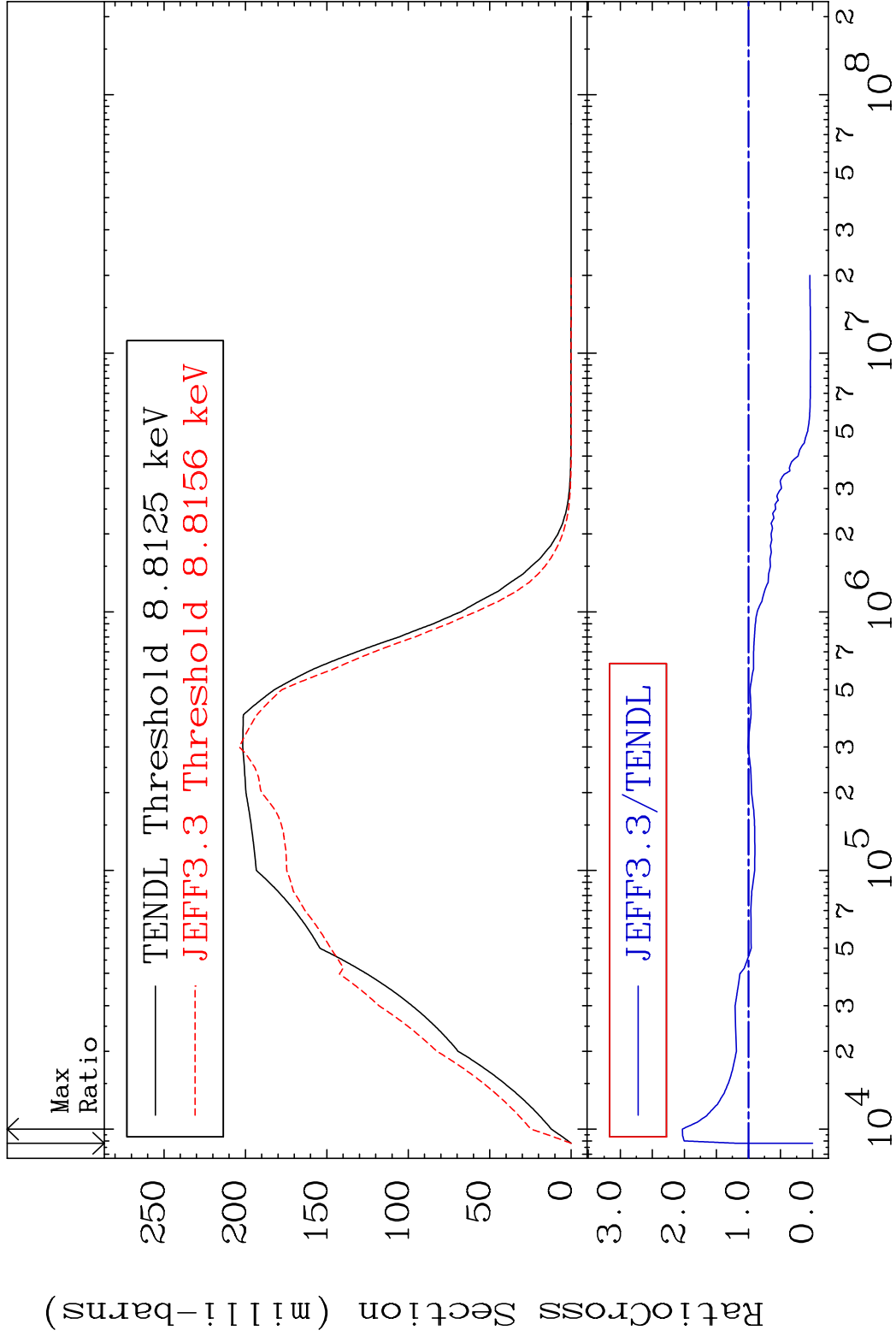
10

Incident Energy (eV)

97-Bk-249

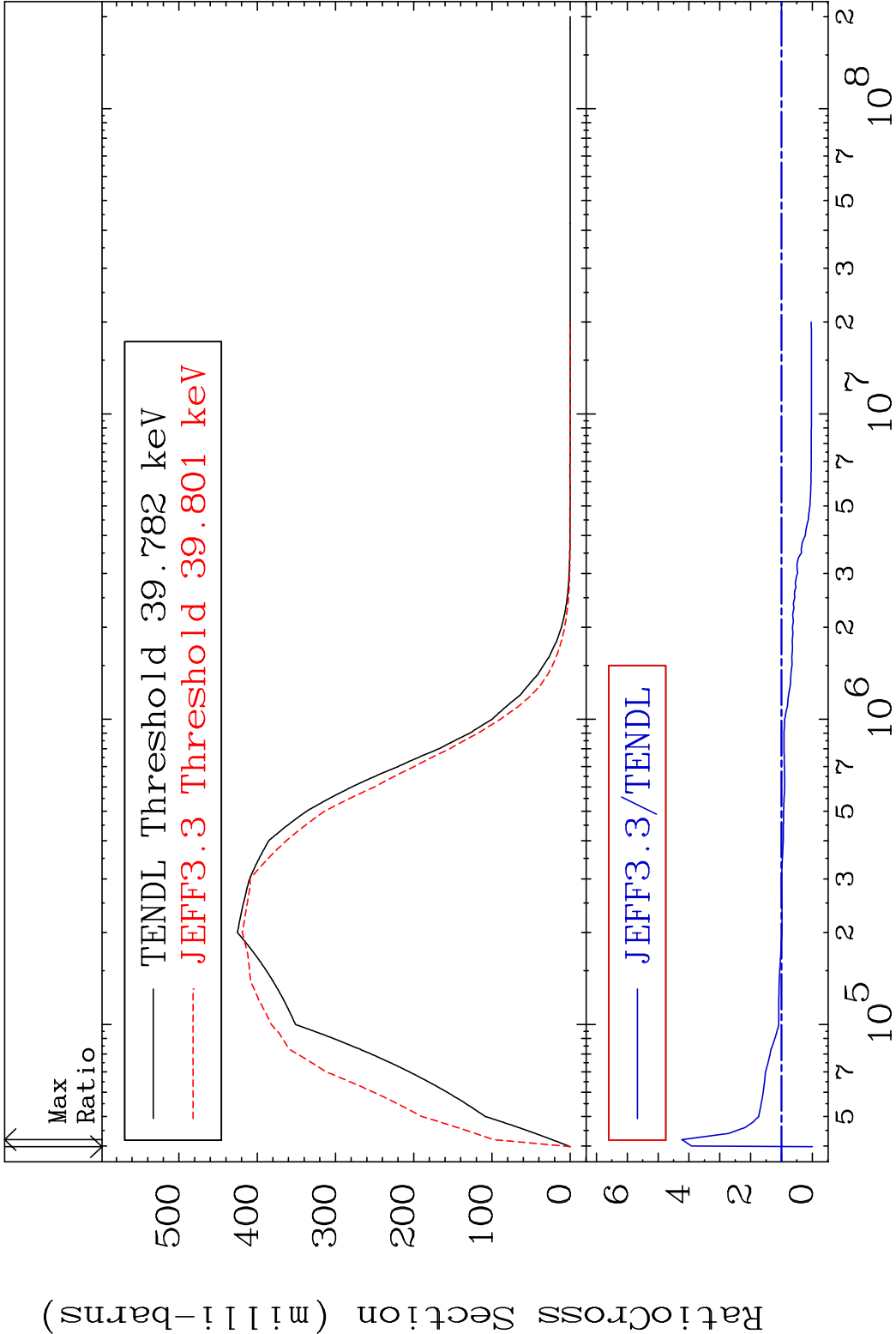


MAT 9752 MT= 51 (n,n') Level 97-Bk-249
Cross Section -100.0 To 103.1 %

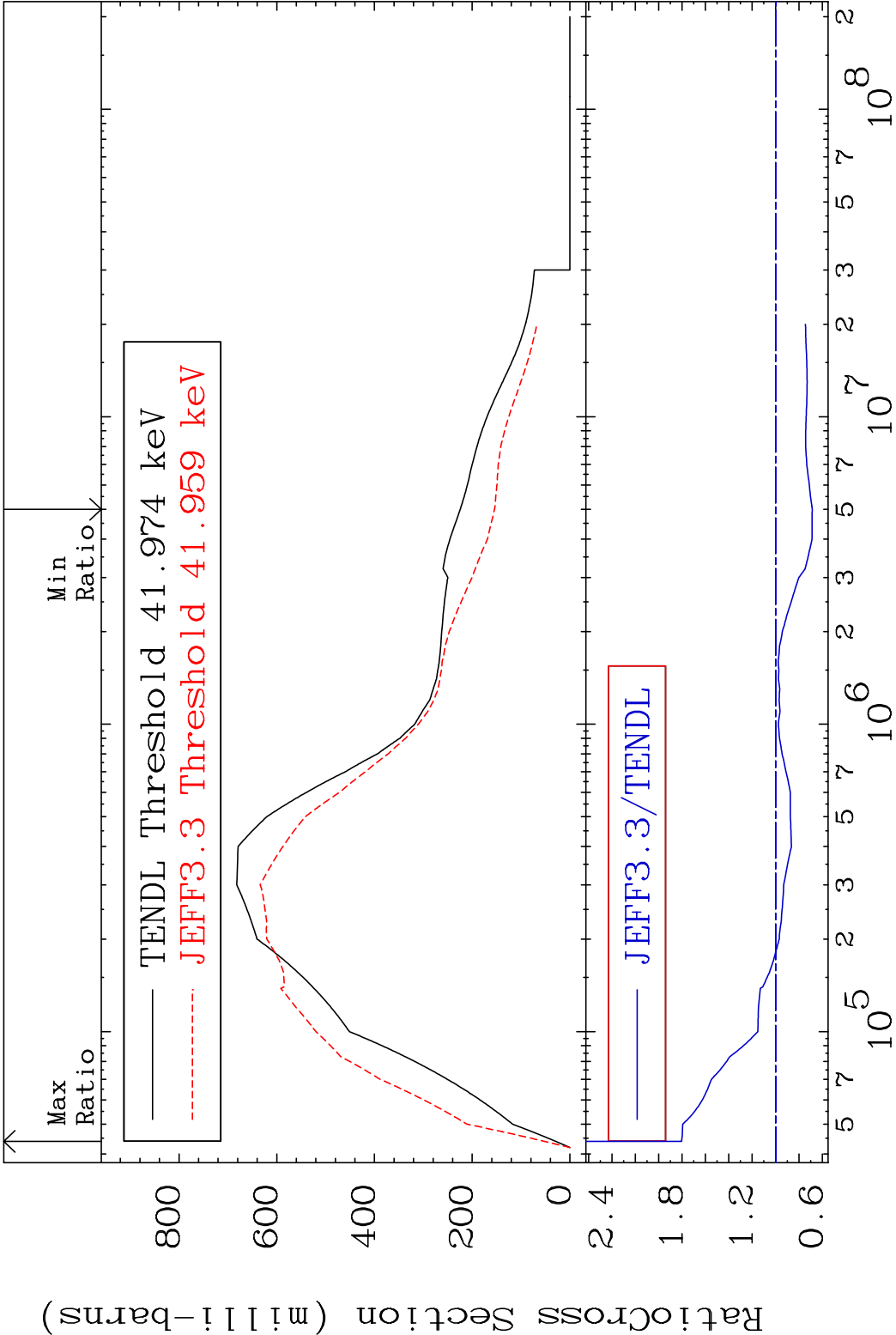


12 Incident Energy (eV) 97-Bk-249

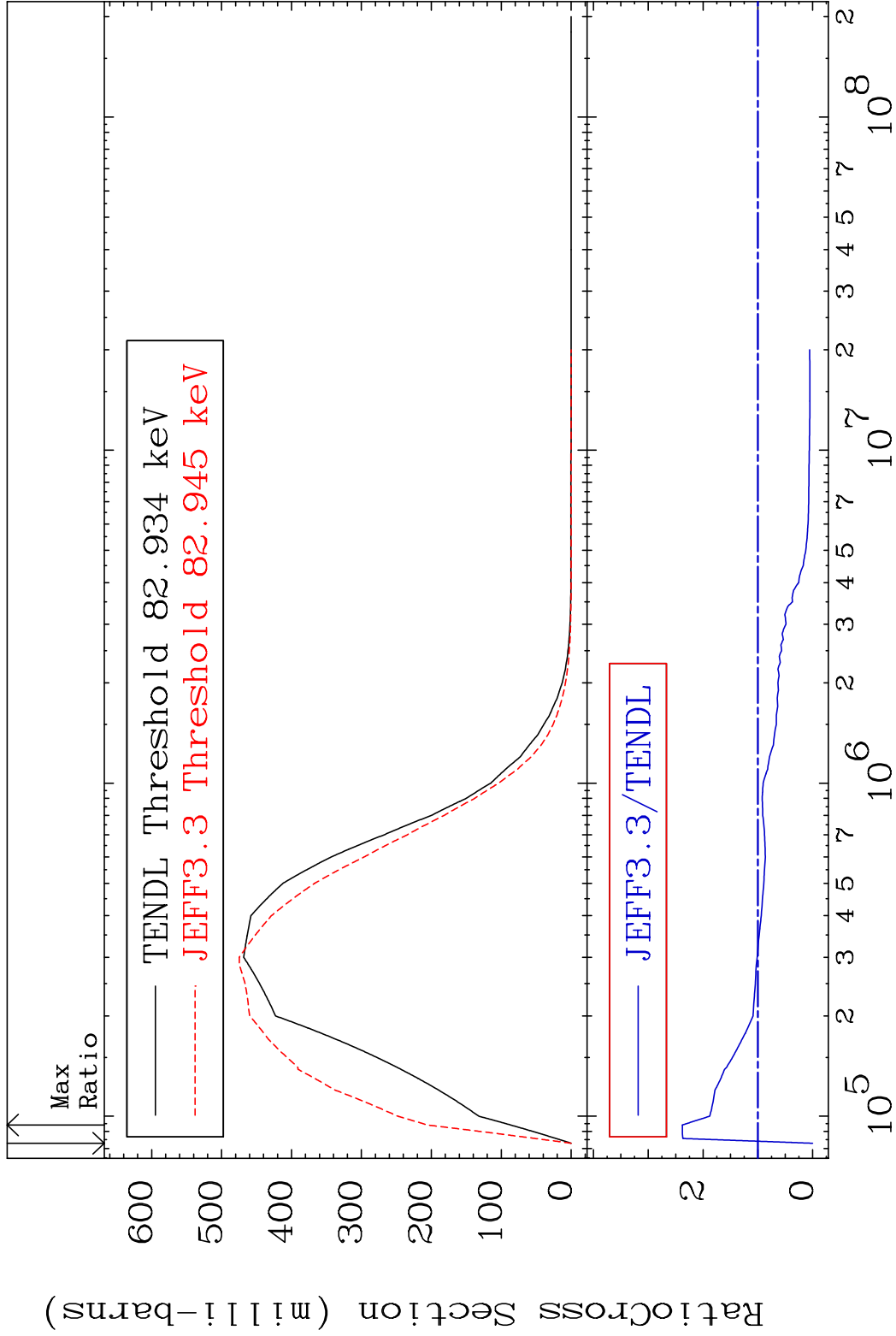
MAT 9752 MT= 52 (n,n') Level 97-Bk-249
Cross Section -100.0 To 323.4 %



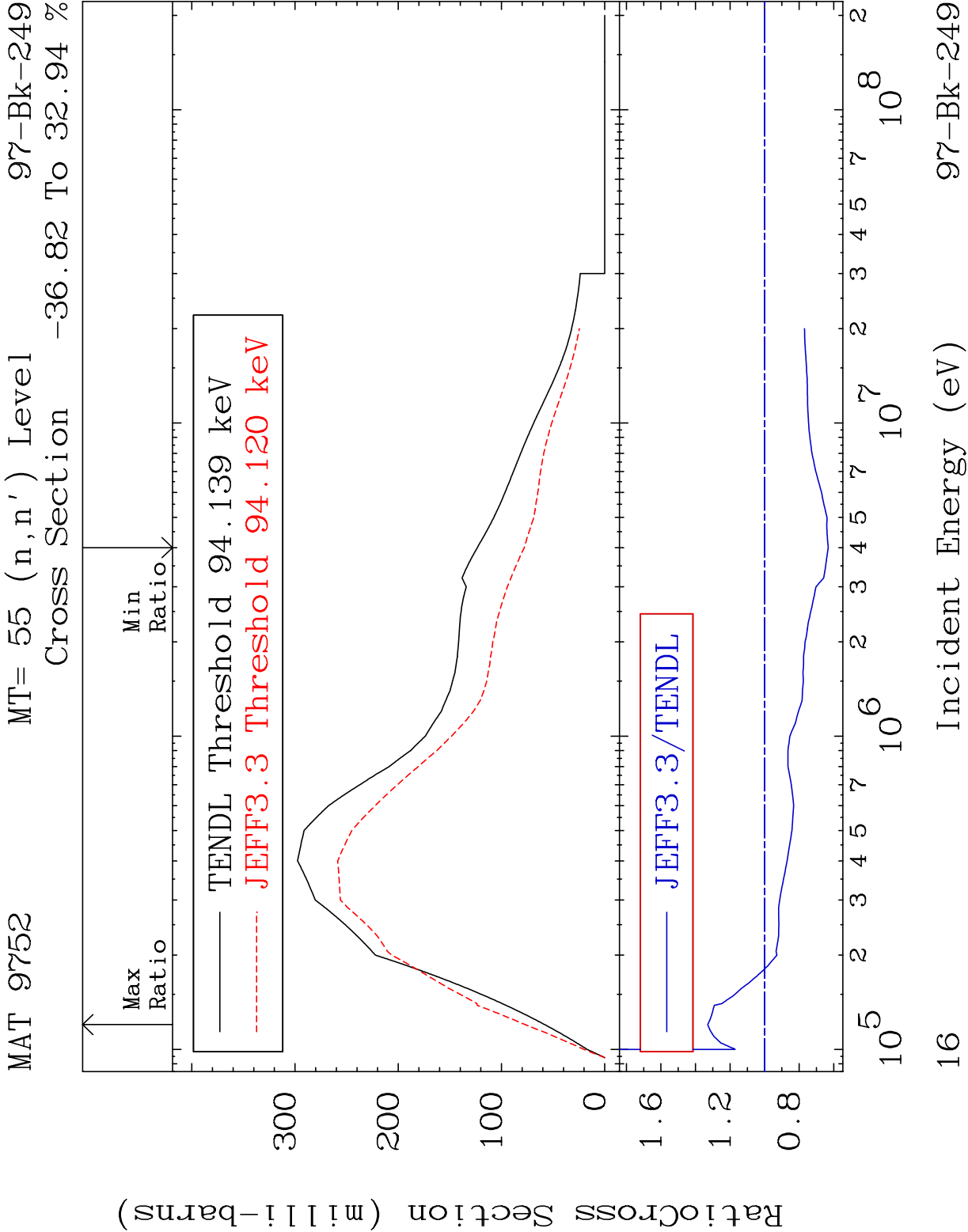
MAT 9752 MT= 53 (n,n') Level 97-Bk-249
Cross Section -31.38 To 80.43 %



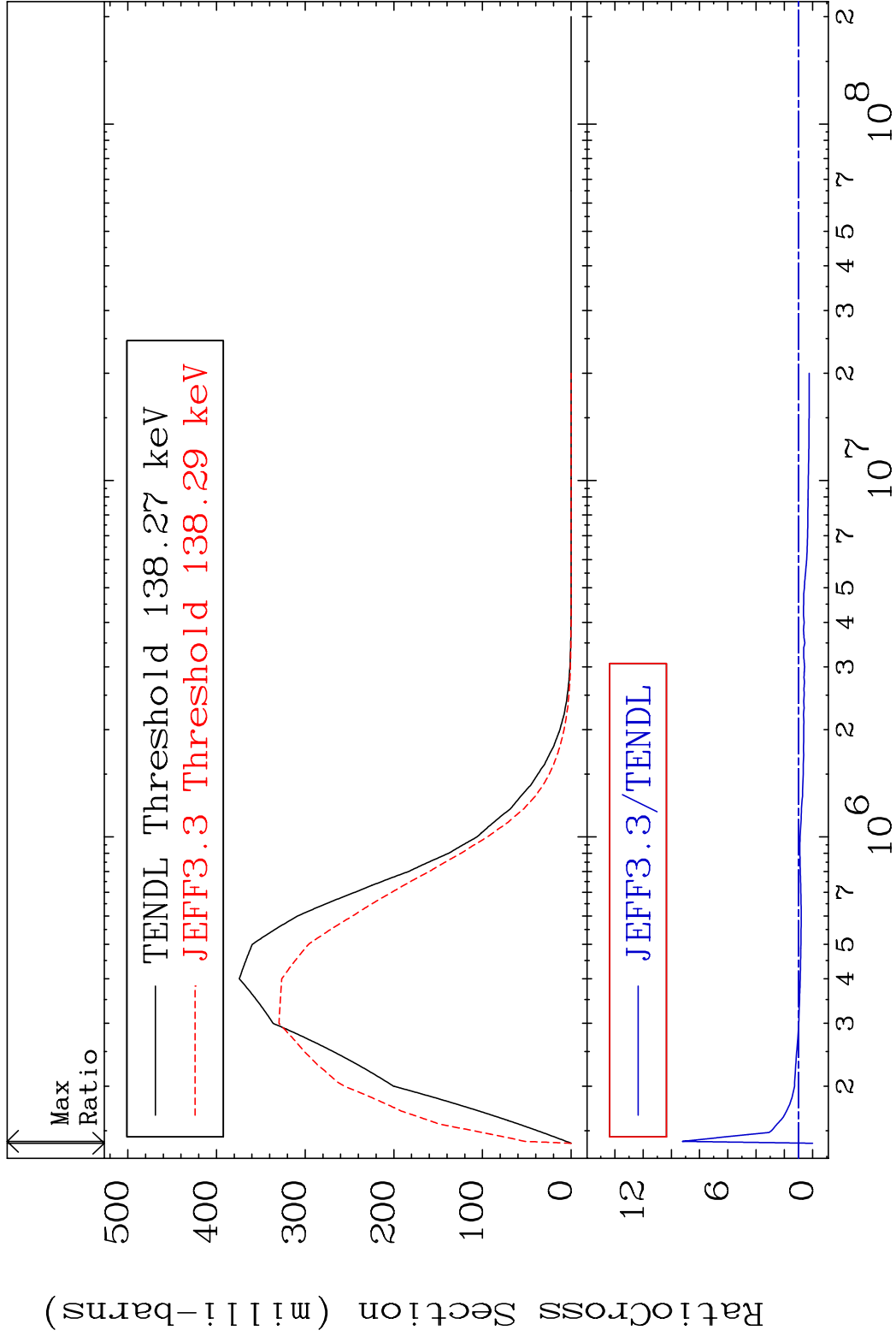
MAT 9752 MT= 54 (n,n') Level 97-Bk-249
Cross Section -100.0 To 137.8 %



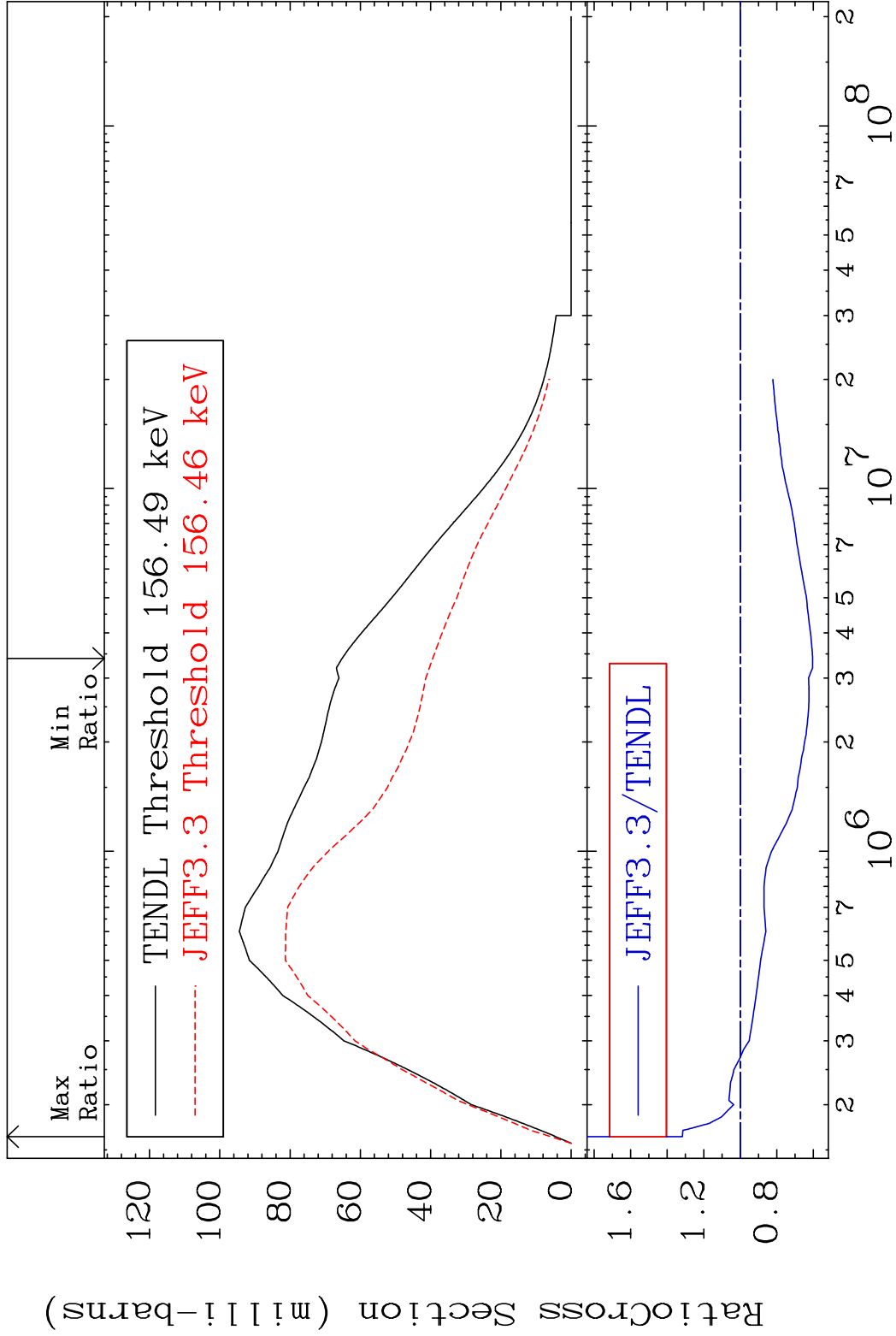
15 Incident Energy (eV) 97-Bk-249



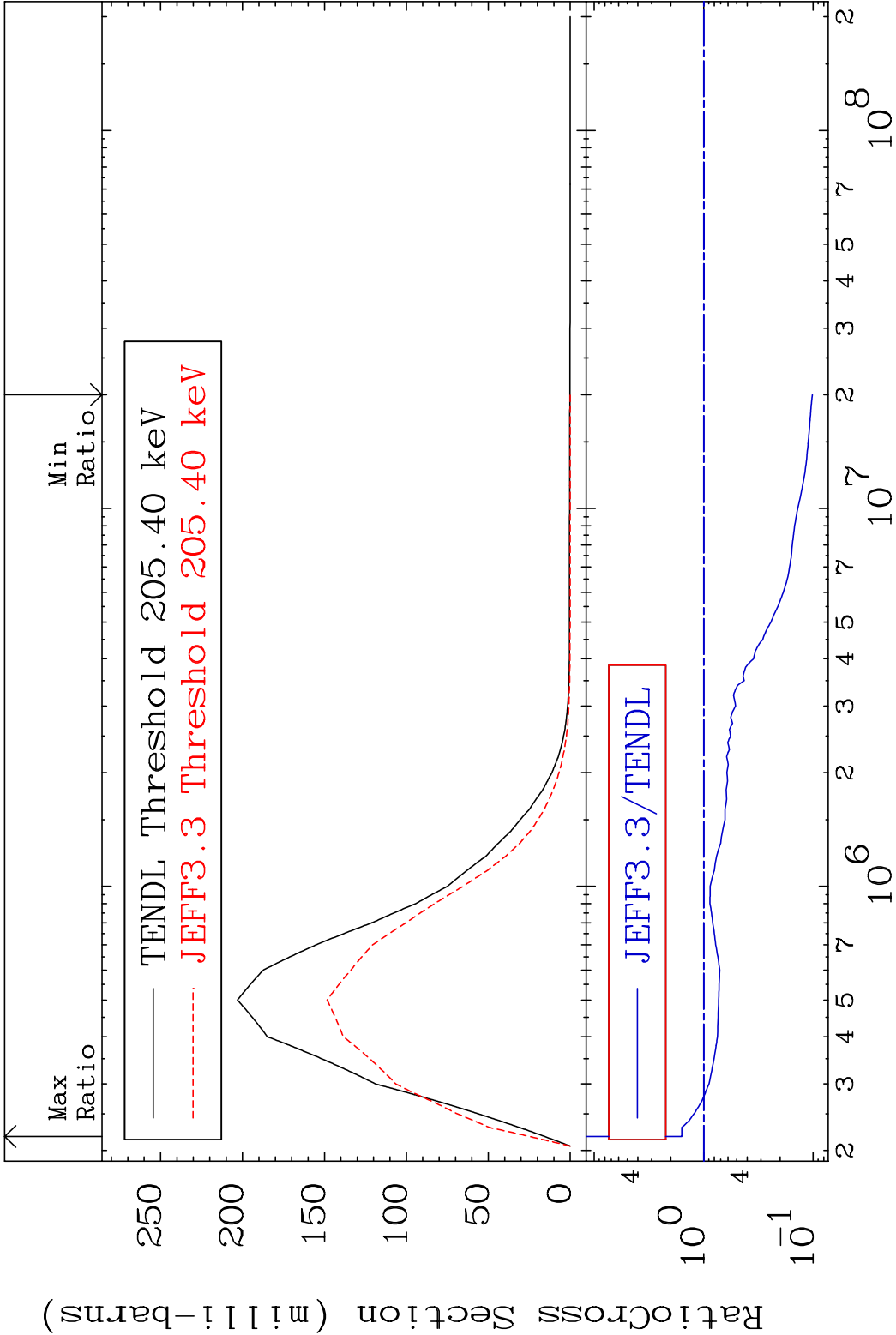
MAT 9752 MT= 56 (n,n') Level 97-Bk-249
Cross Section -100.0 To 822.2 %



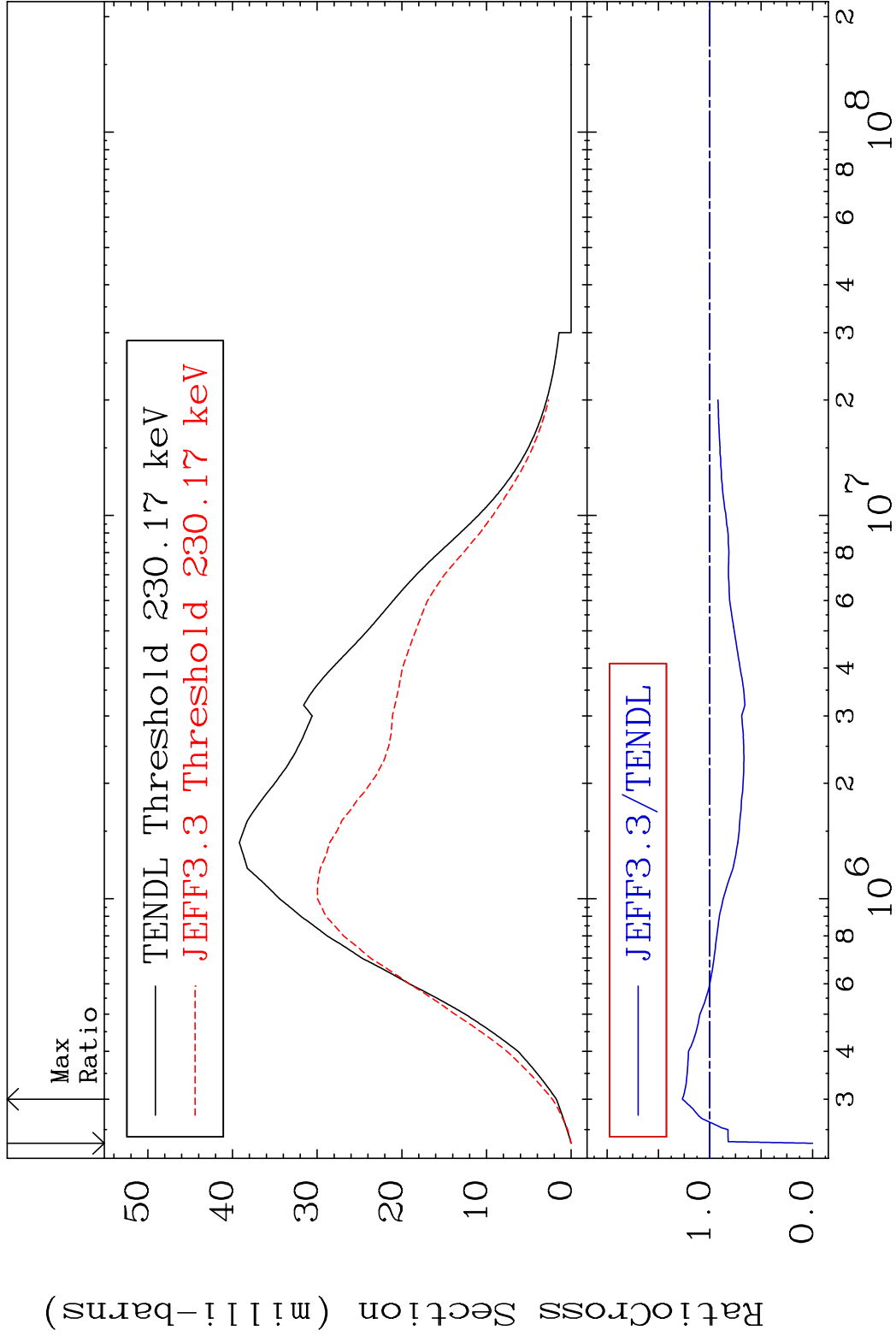
MAT 9752 MT= 57 (n,n') Level 97-Bk-249
Cross Section -39.59 To 31.70 %



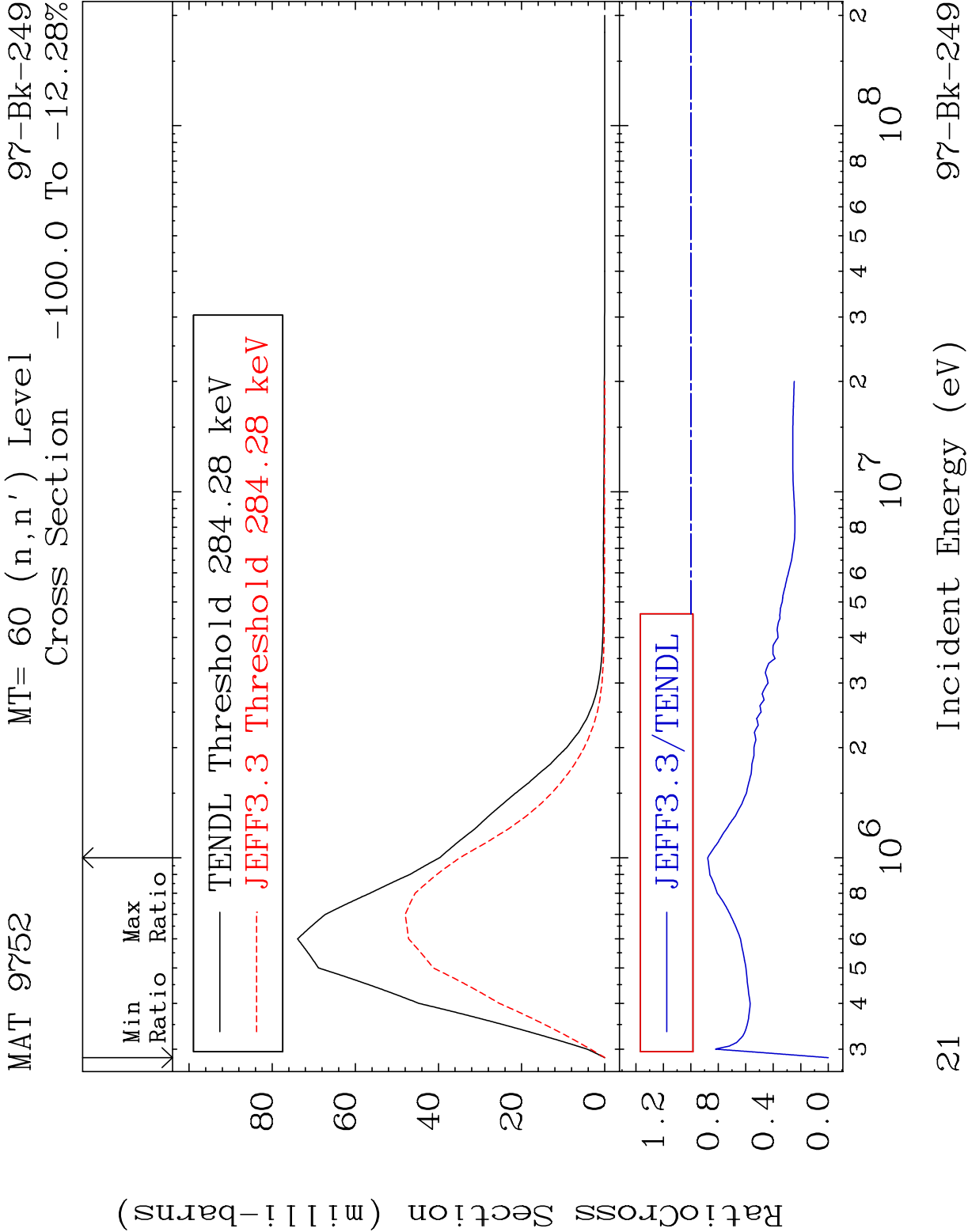
MAT 9752	MT= 58 (n,n')	Level	97-Bk-249
	Cross Section	-89.82 To 58.81 %	



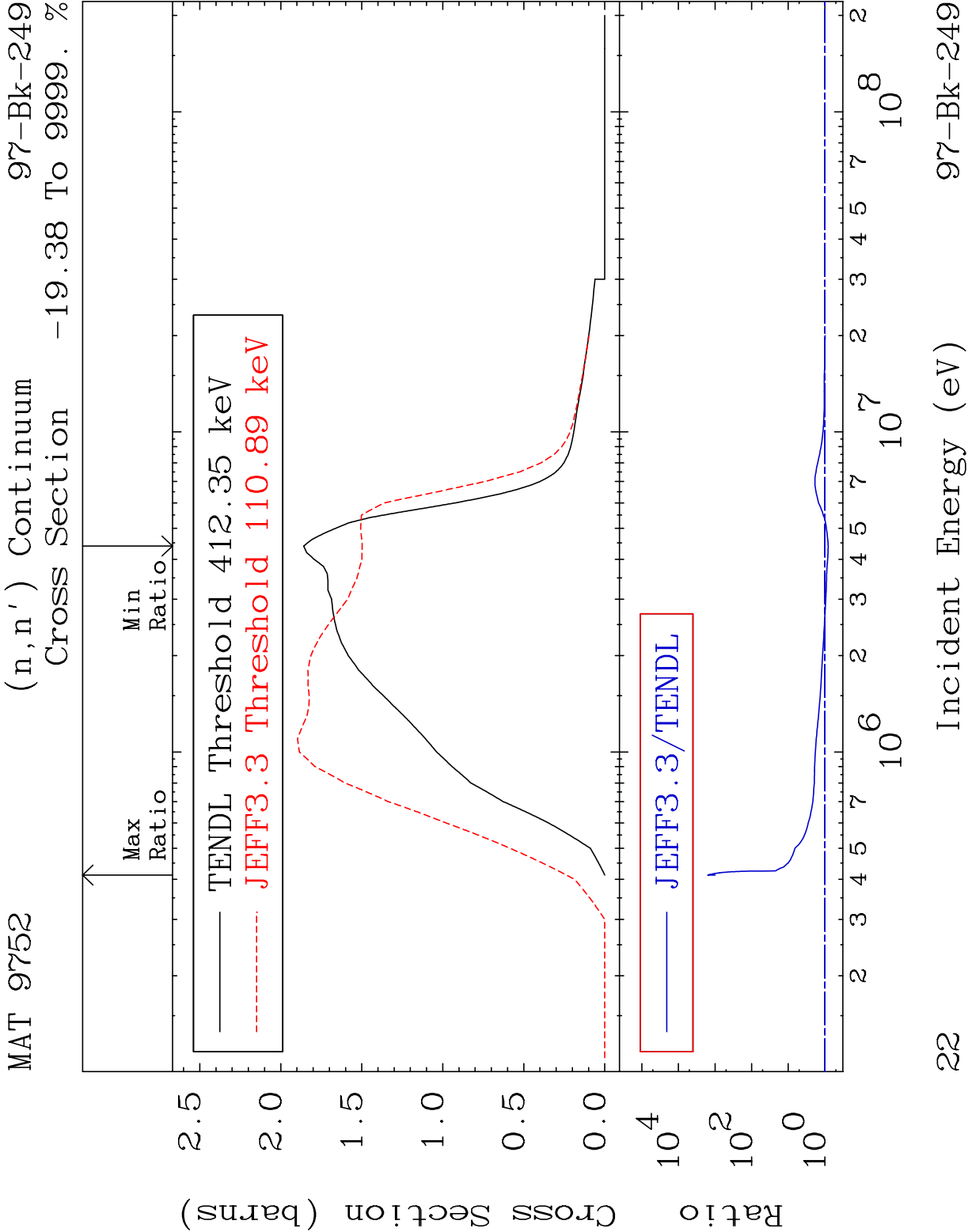
MAT 9752 MT= 59 (n,n') Level 97-Bk-249
Cross Section -100.0 To 26.72 %

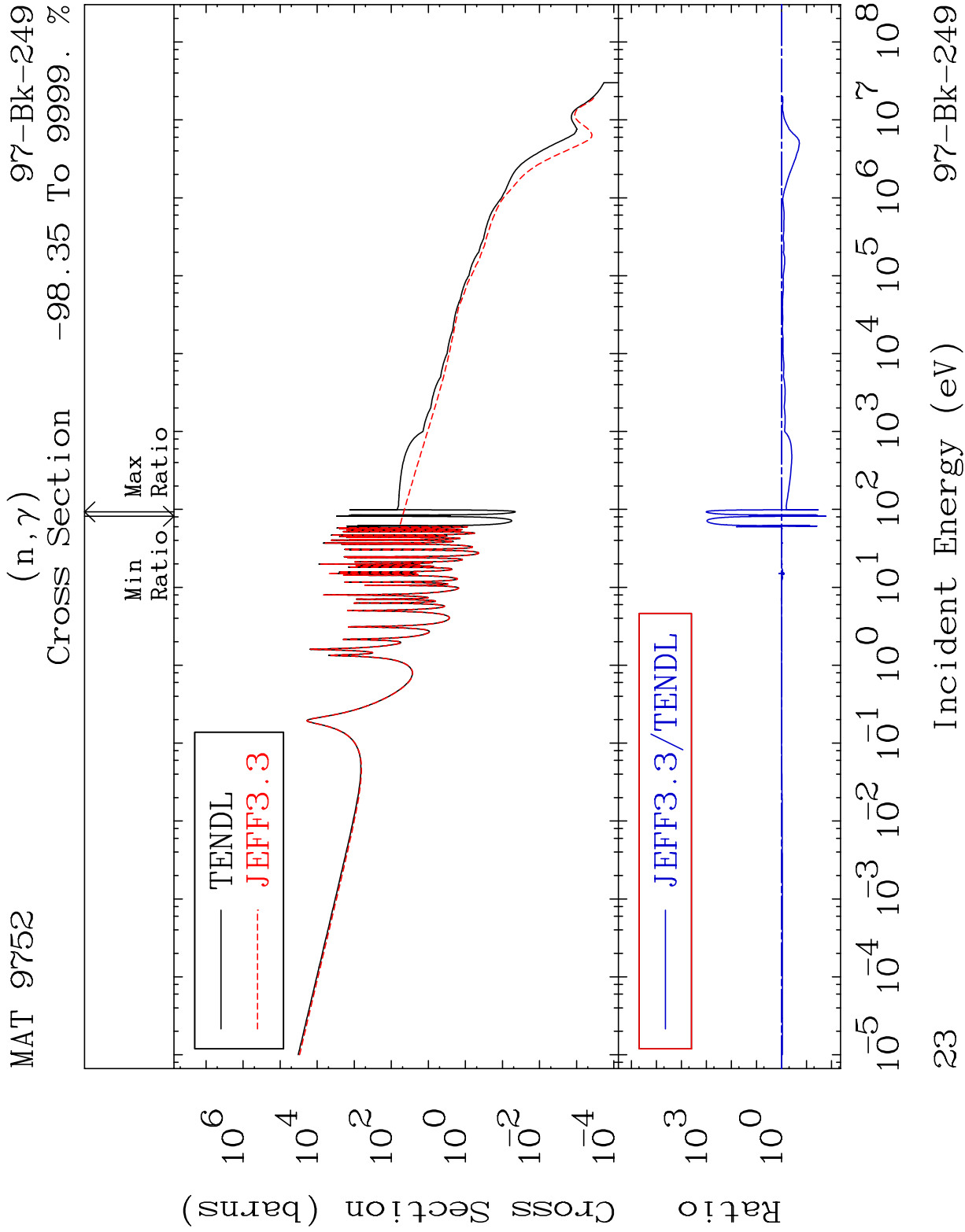


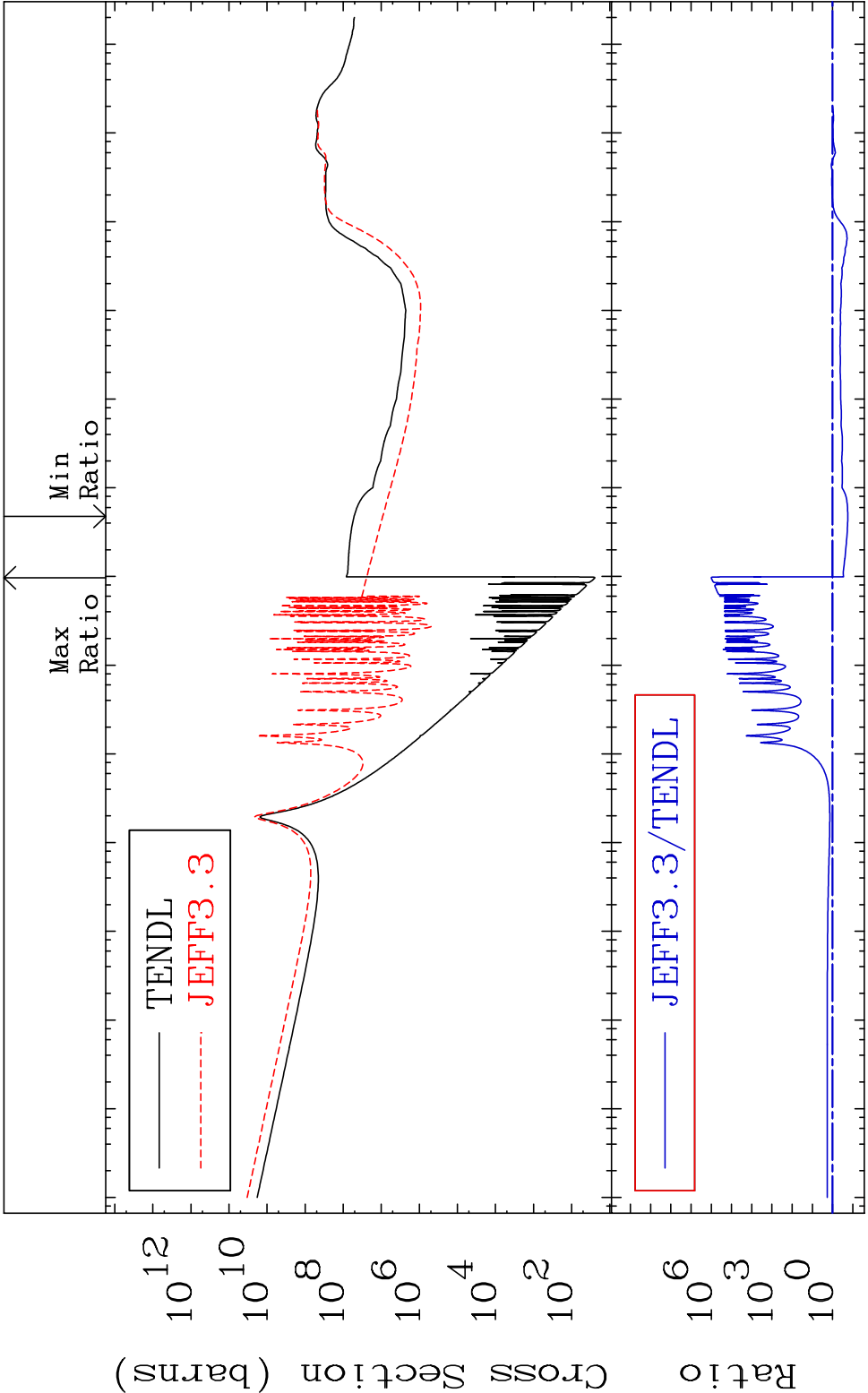
20 Incident Energy (eV) 97-Bk-249



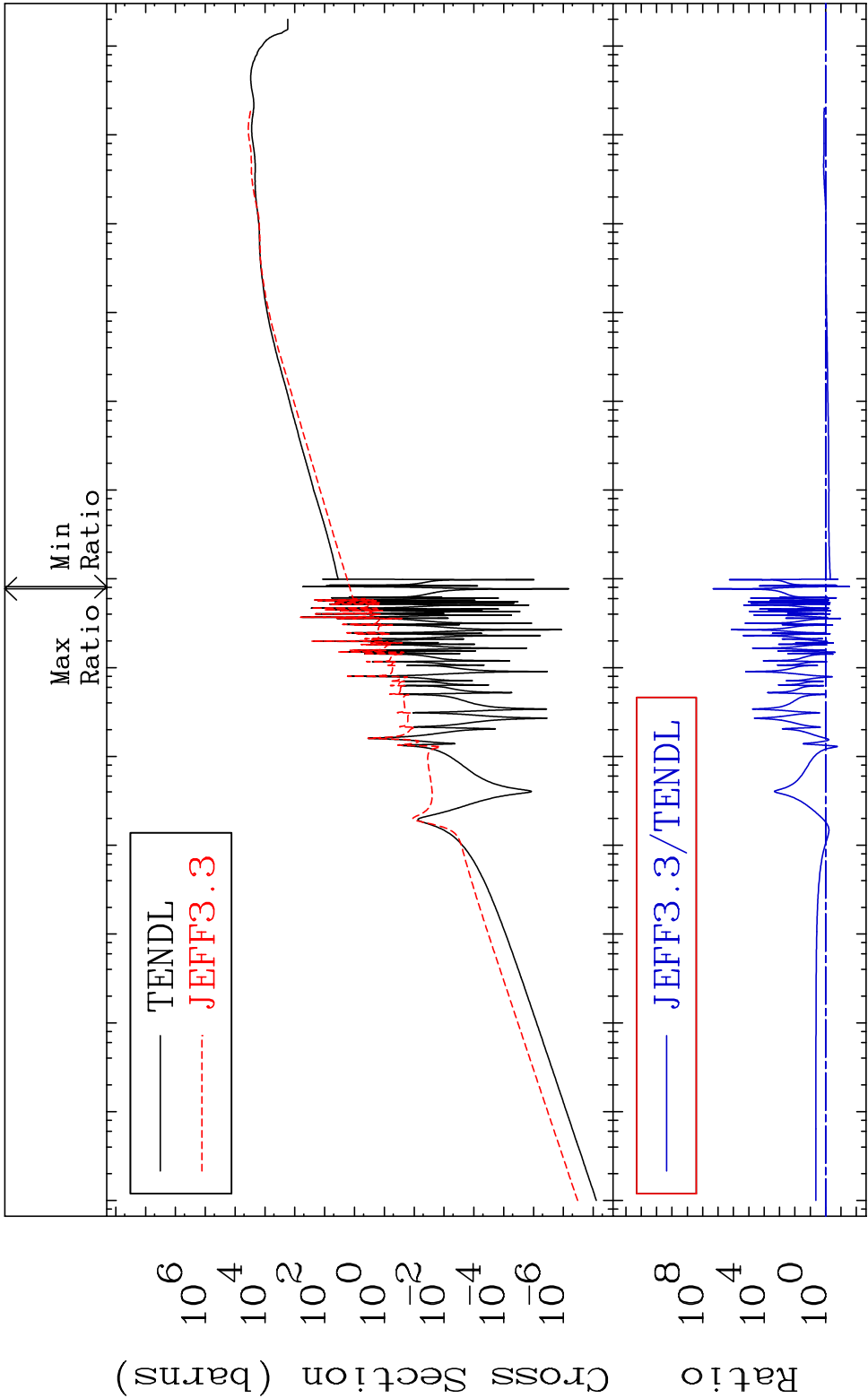
RatioCross Section (milli-barns)

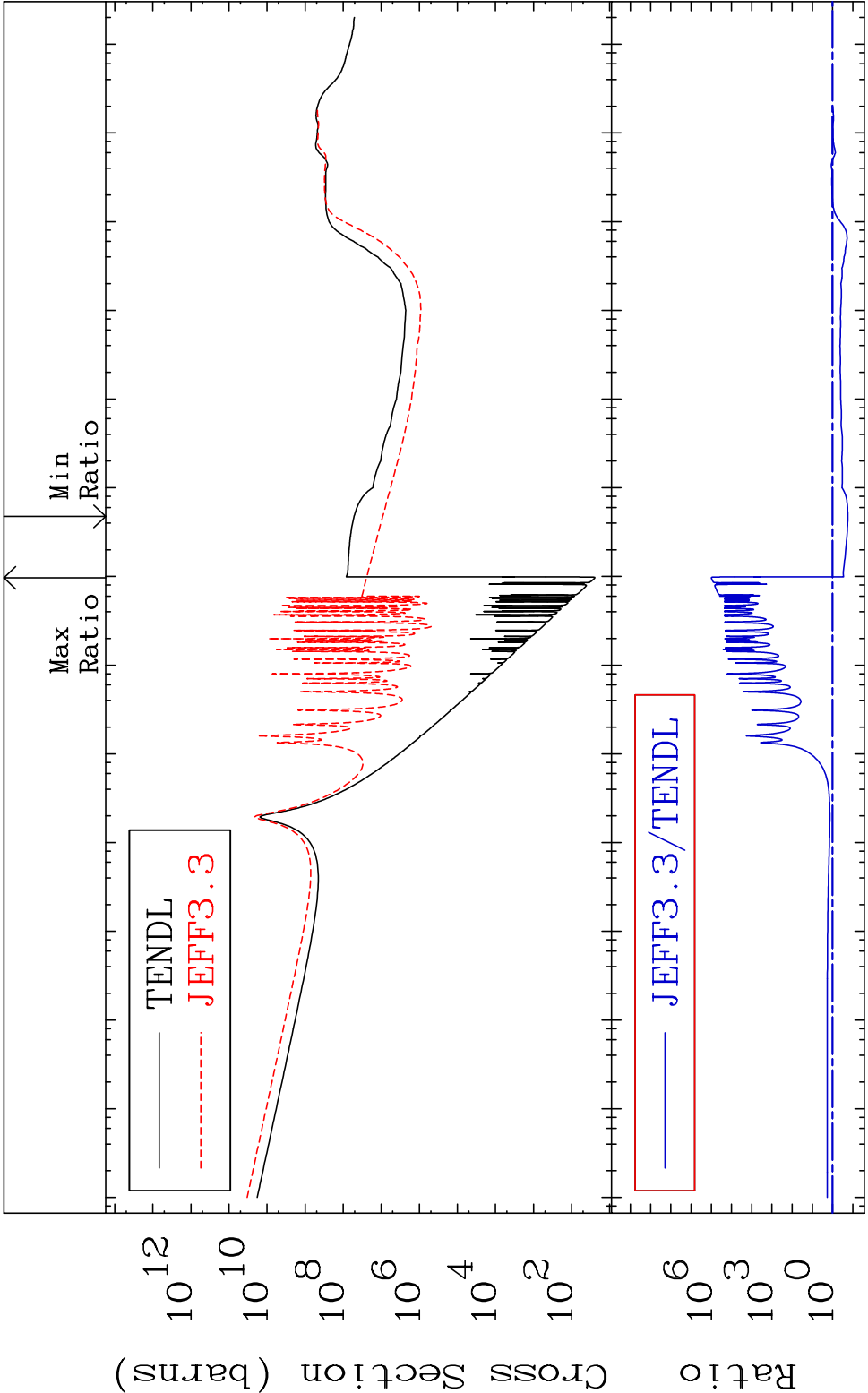




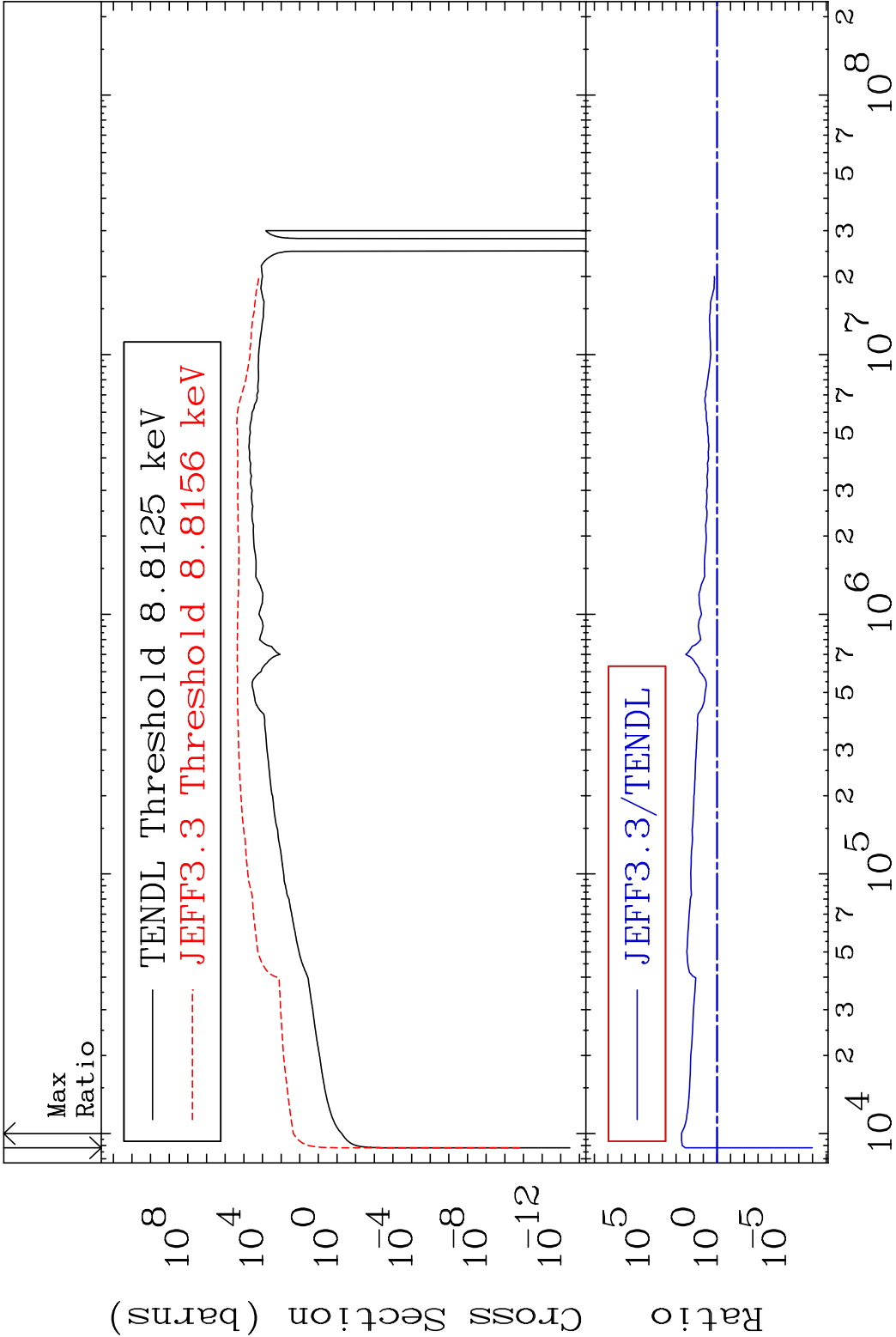


MAT 9752 Kerma elastic 97-Bk-249
Cross Section -97.22 To 9999. %

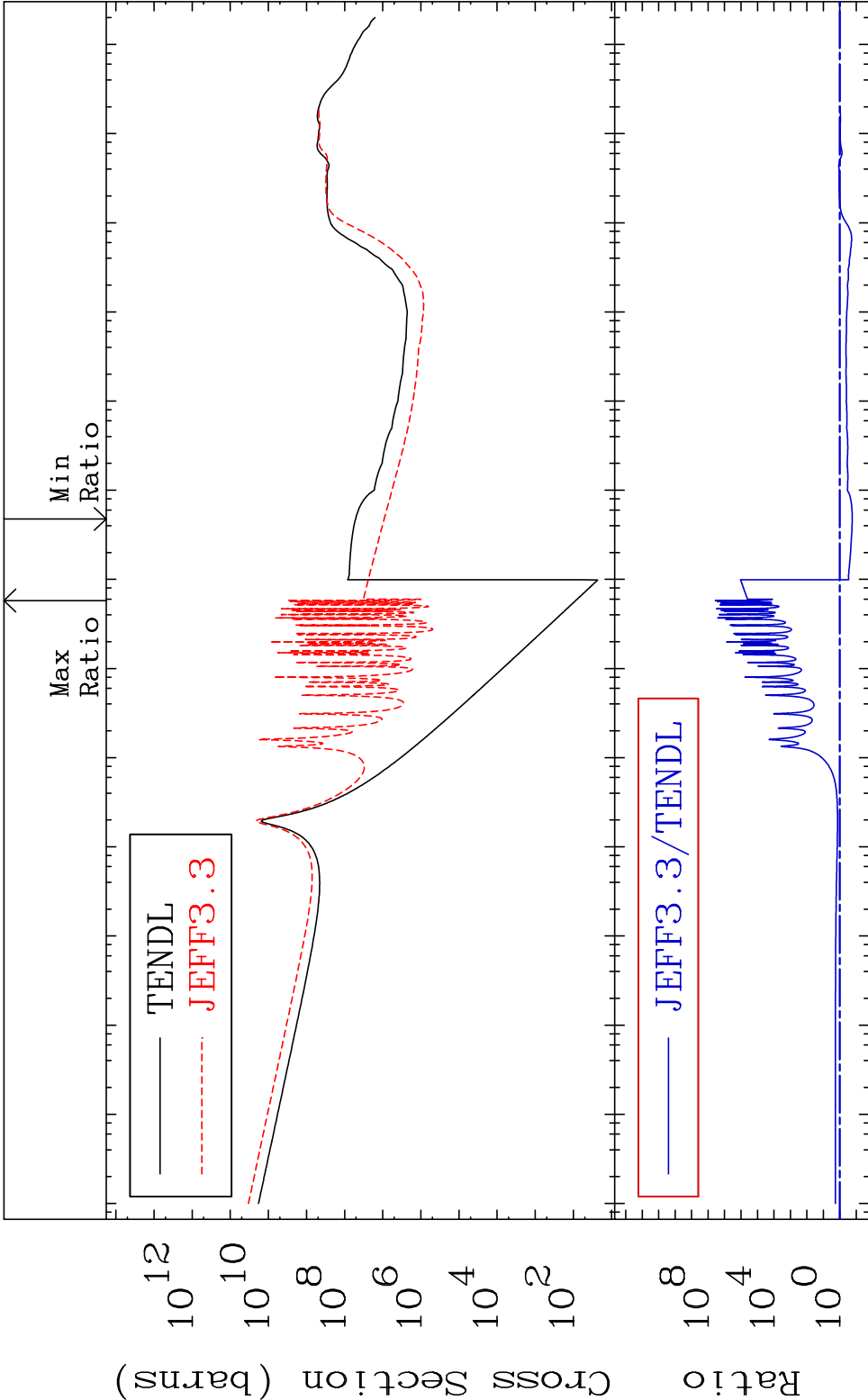




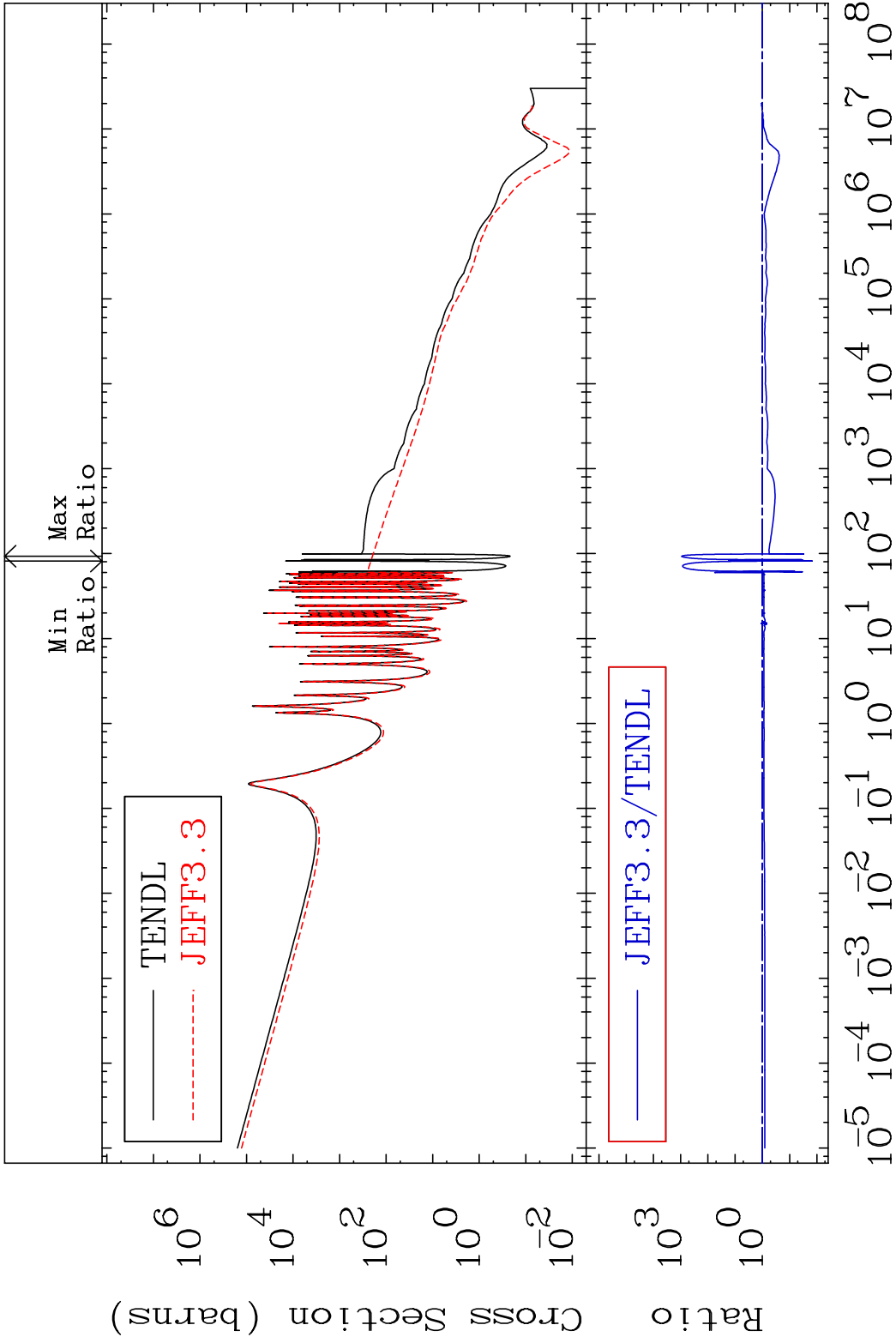
MAT 9752 Kerma inelastic (mt51-91) 97-Bk-249
Cross Section -100.0 To 9999. %



MAT 9752Kerma fission (mt18 or mt19-20-21-38)p7-Bk-249
Cross Section -82.27 To 9999. %

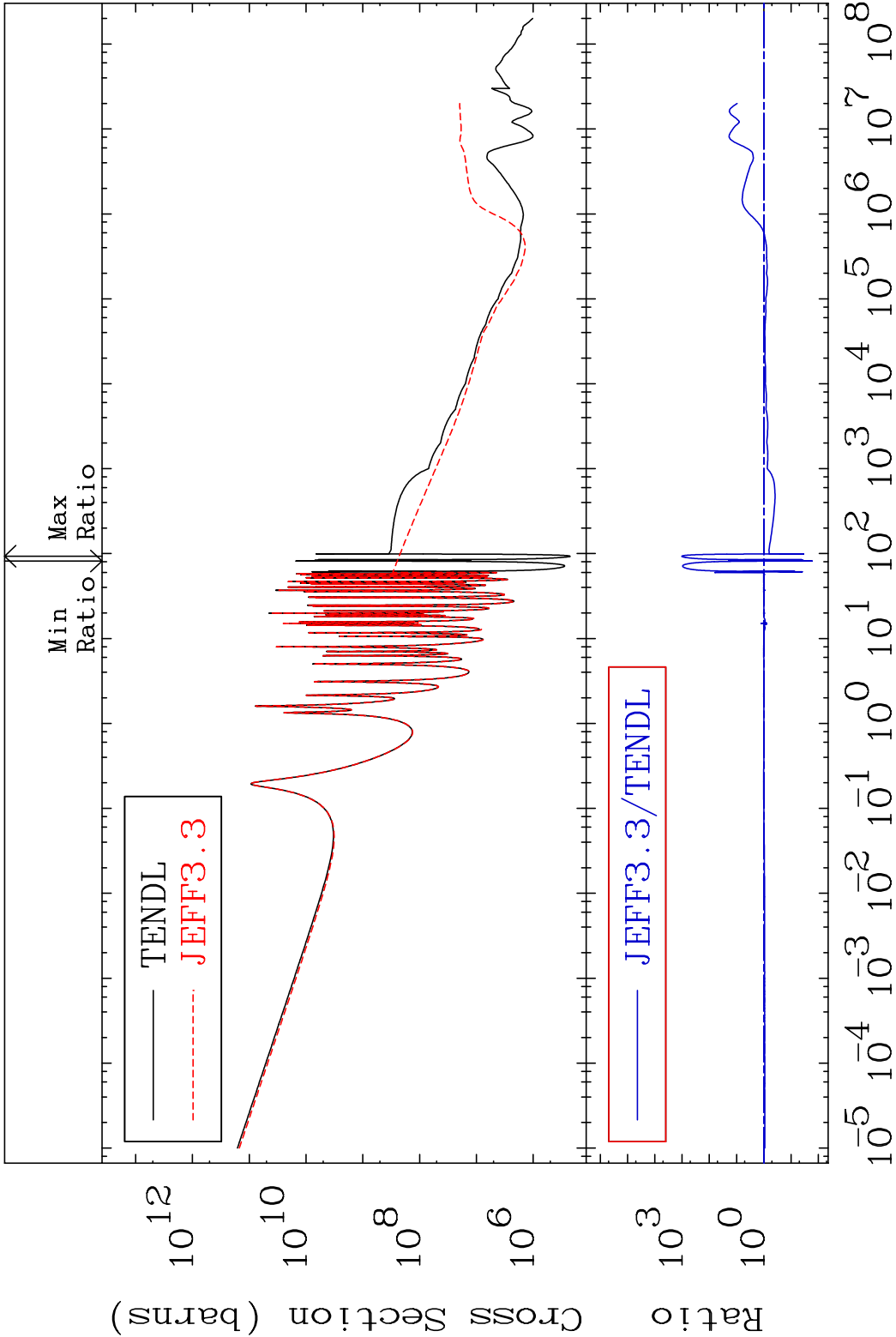


MAT 9752 Kerma capture (mt102) 97-Bk-249
Cross Section -98.53 To 9999. %



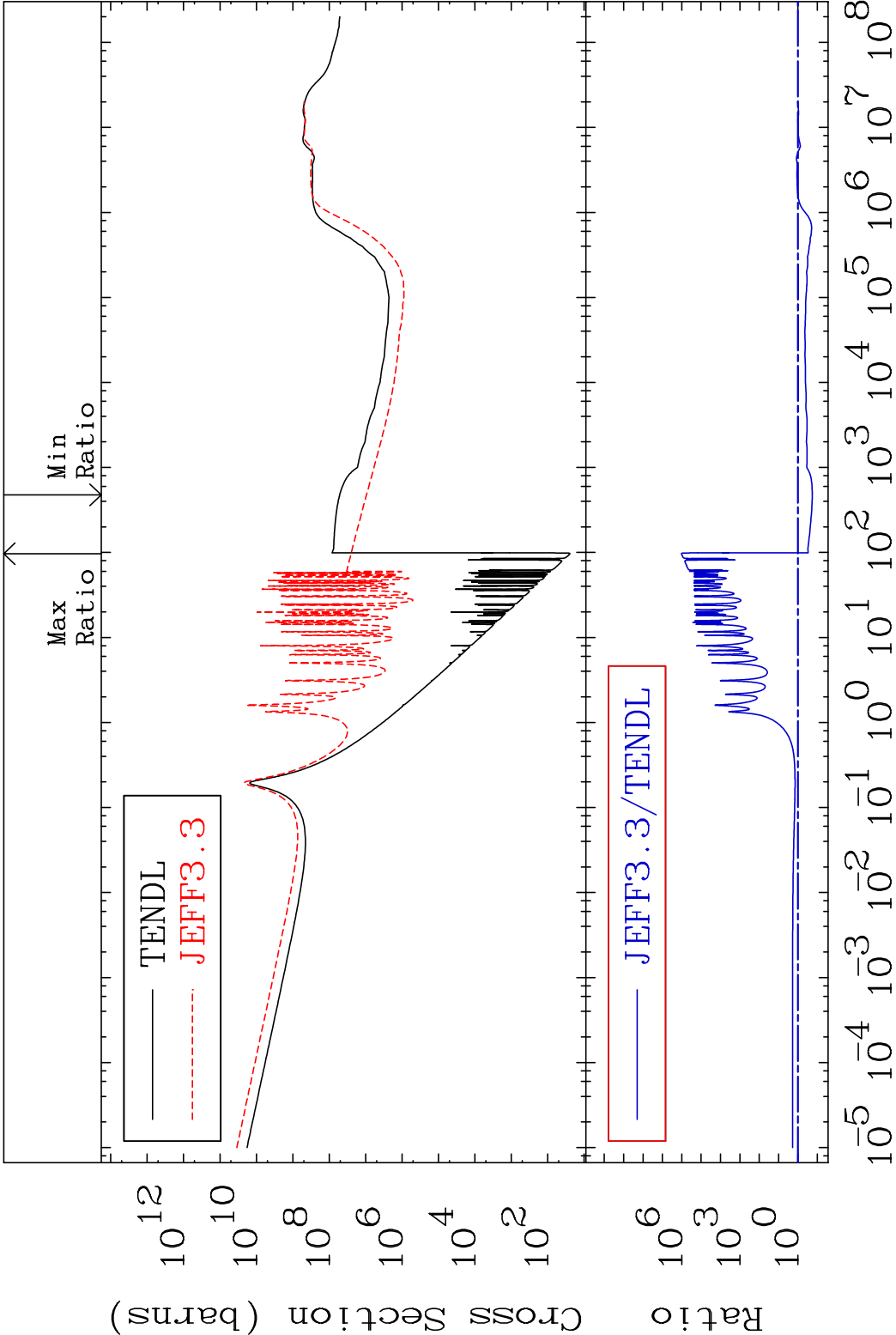
29 Incident Energy (eV) 97-Bk-249

MAT 9752 Total photon (eV-barns) 97-Bk-249
Cross Section -98.35 To 9999. %



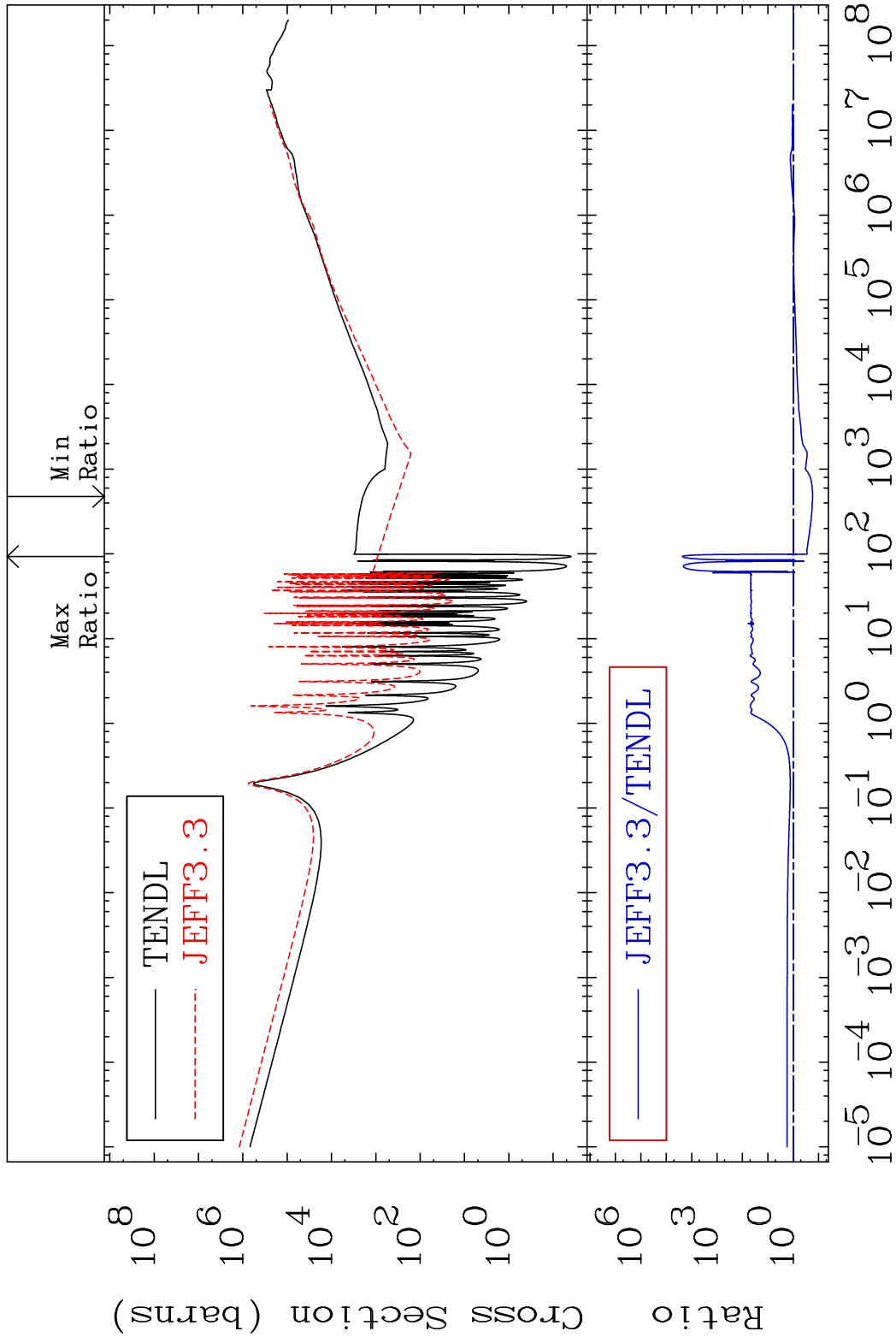
30 Incident Energy (eV) 97-Bk-249

MAT 9752 Total kinematic kerma (high limit) 97-Bk-249
Cross Section -81.64 To 9999. %



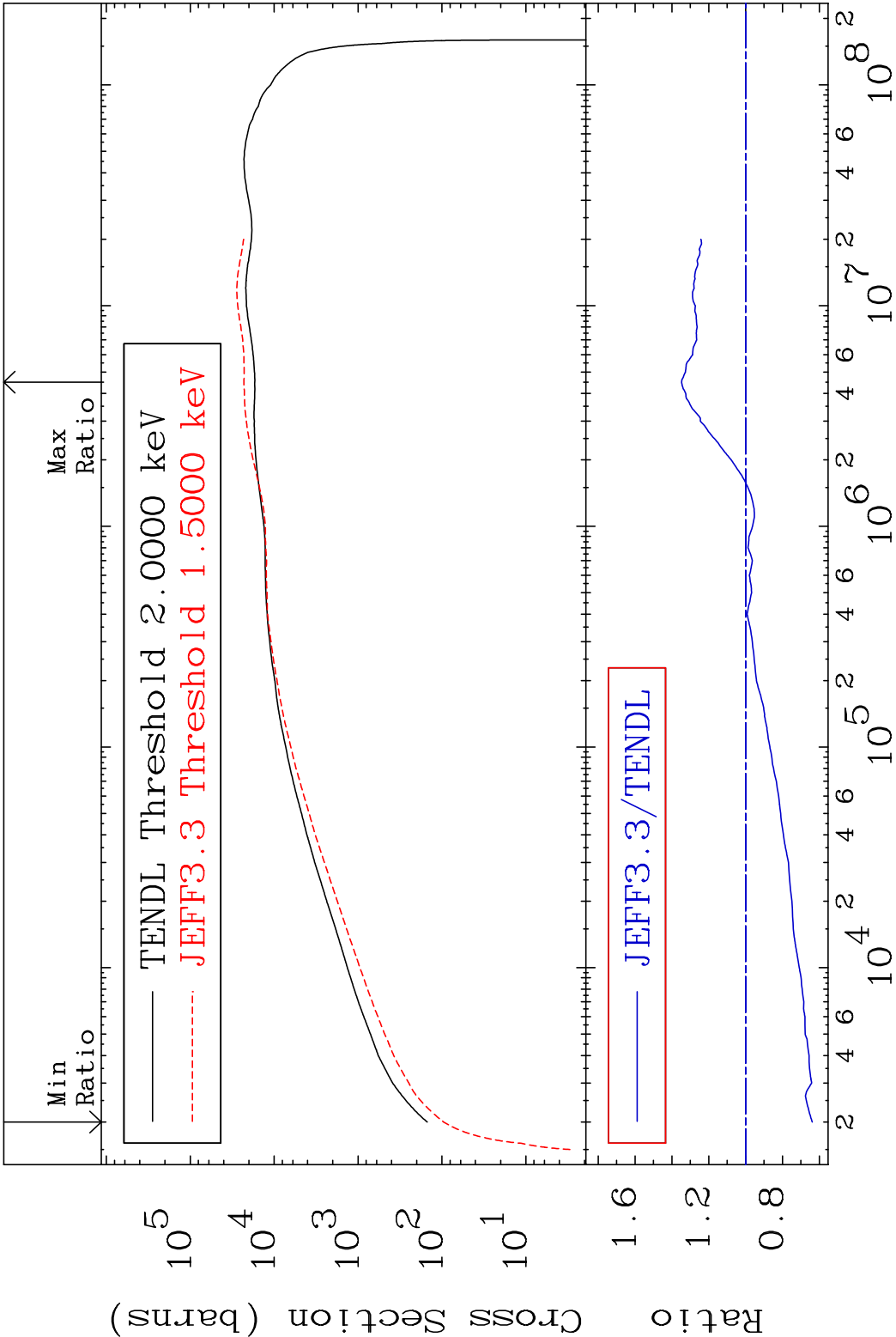
31 Incident Energy (eV) 97-Bk-249

MAT 9752 Dpa total (eV-barns) 97-Bk-249
Cross Section -82.69 To 9999. %

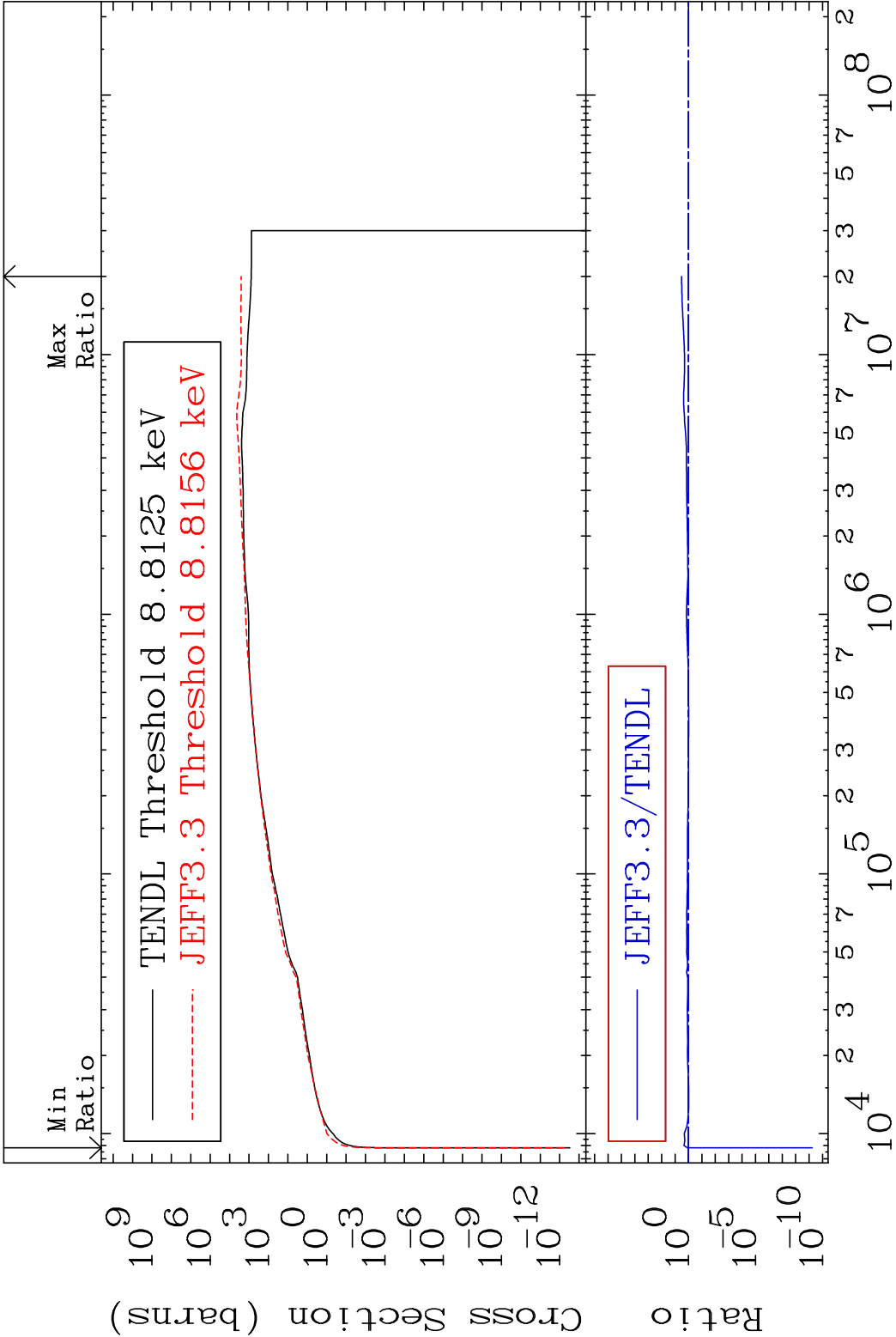


32 Incident Energy (eV) 97-Bk-249

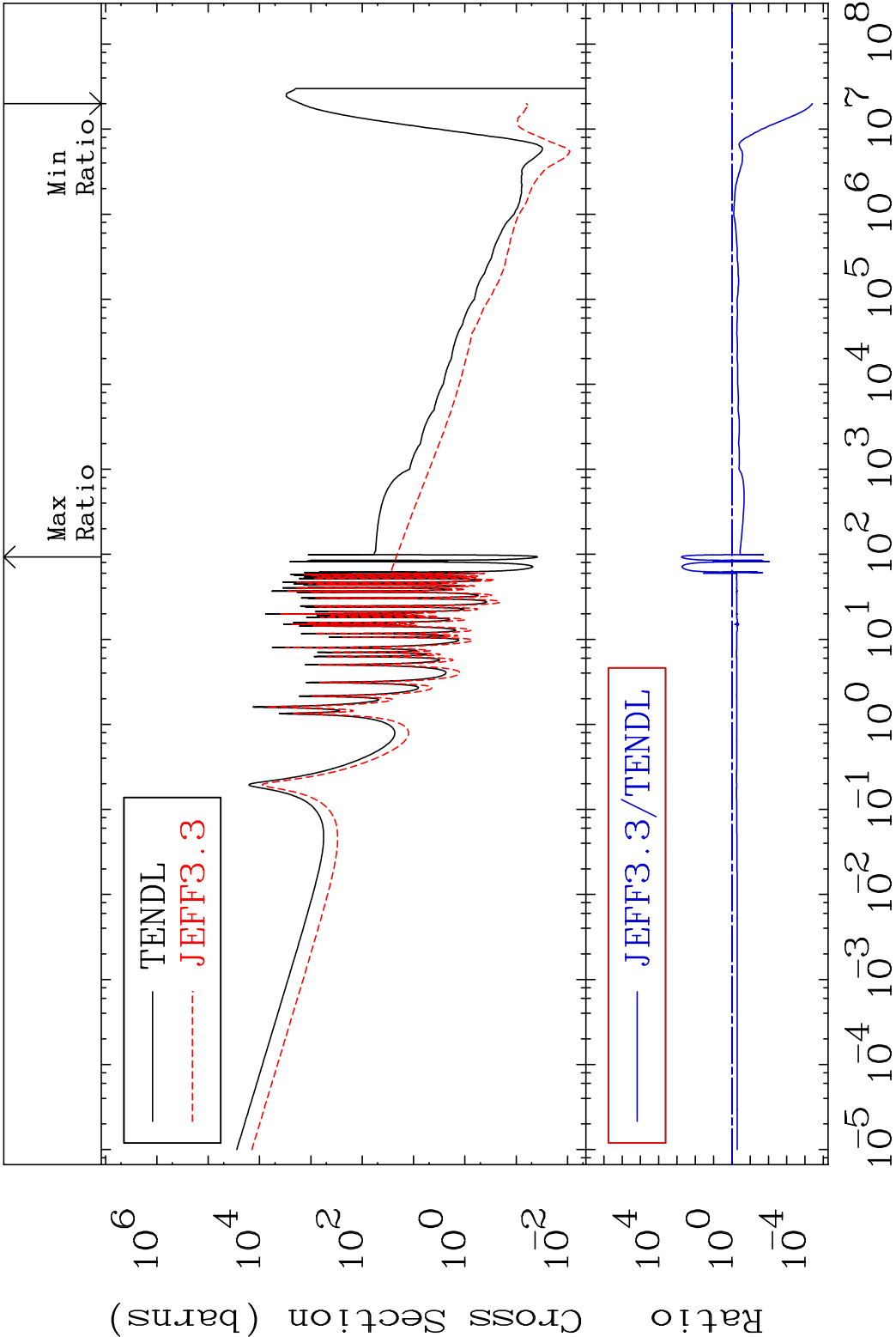
MAT 9752 Dpa elastic (mt2) 97-Bk-249
Cross Section -36.15 To 34.78 %



MAT 9752 Dpa inelastic (mt51-91) 97-Bk-249
Cross Section -100.0 To 228.4 %



MAT 9752 Dpa disappearance (mt102 -120) 97-Bk-249
Cross Section -100.0 To 9999. %



35 Incident Energy (eV) 97-Bk-249