

Program Complot
(Version 2021-1)

by

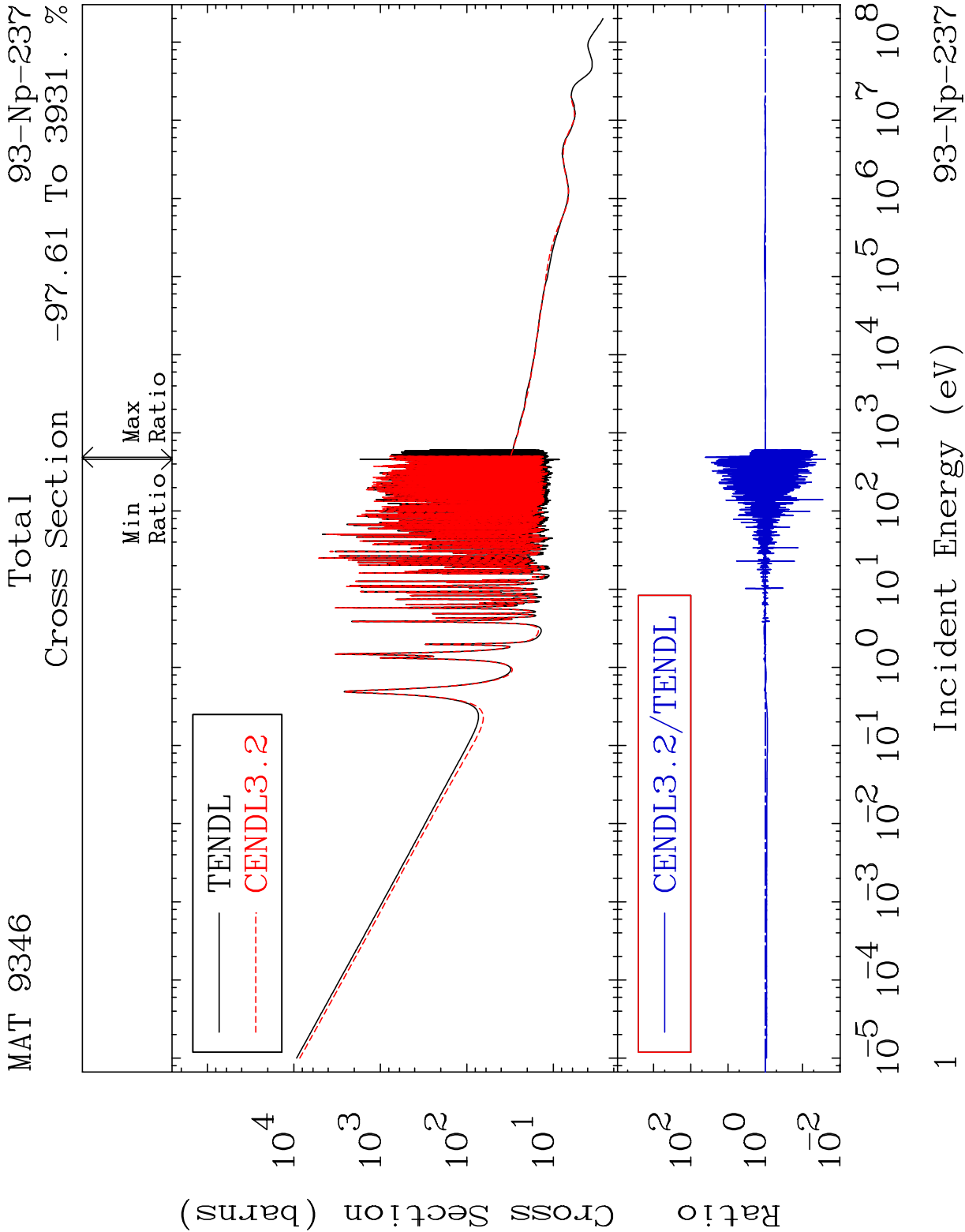
Dermott E. Cullen
(Present Contact Information)

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Press Mouse Button to Start

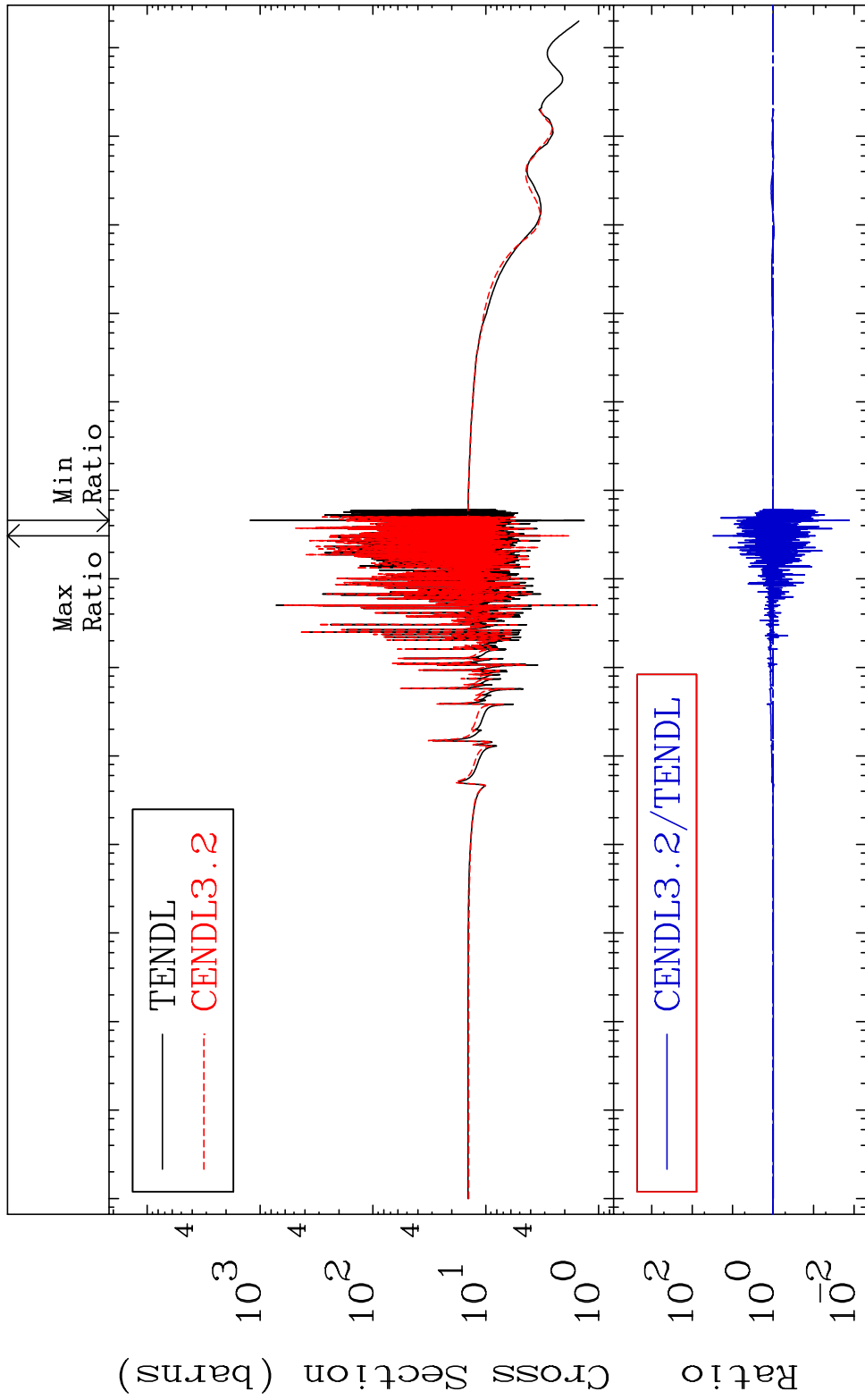


MAT 9346

Elastic

93-Np-237

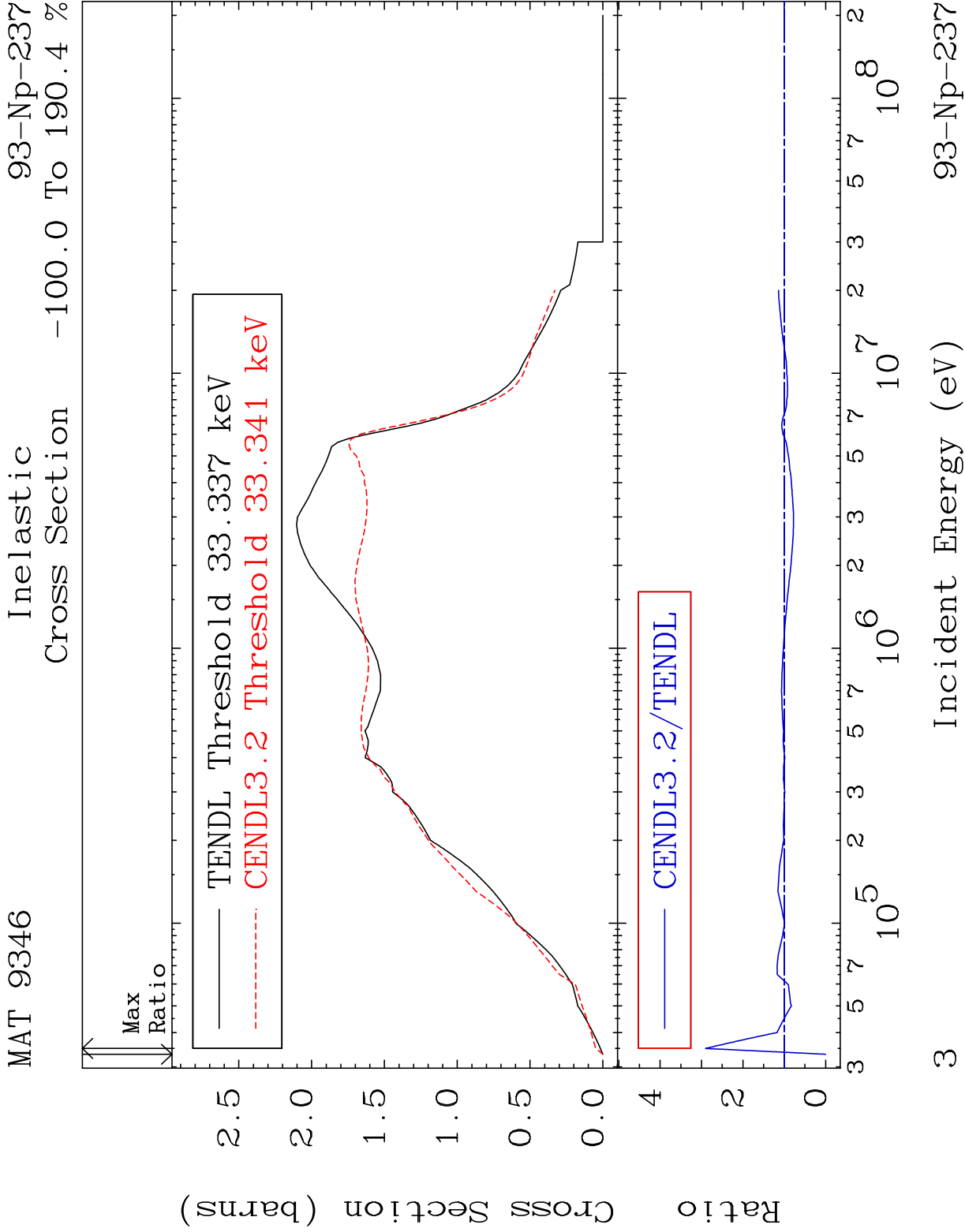
Cross Section -98.69 To 2920. %

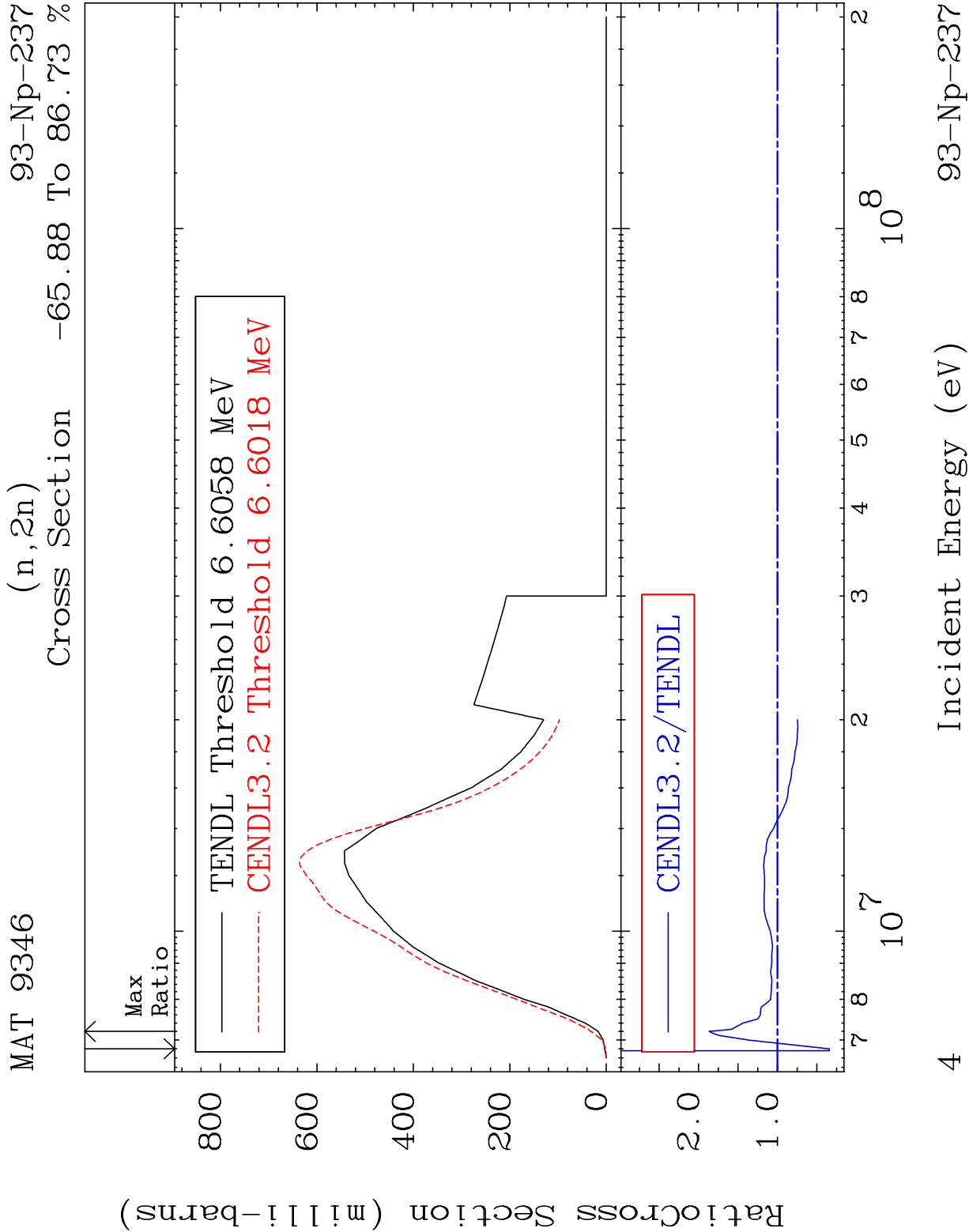


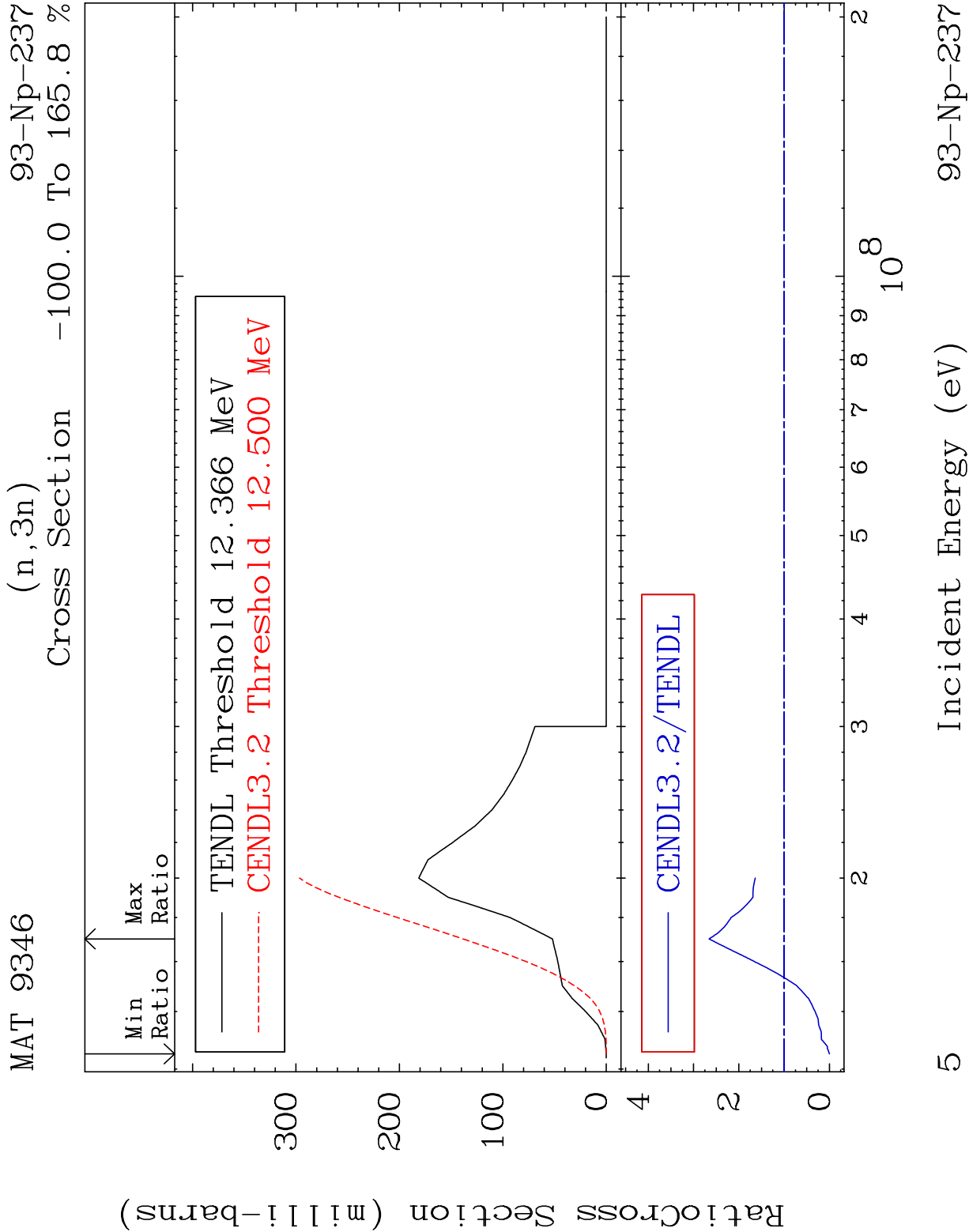
2

Incident Energy (eV)

93-Np-237







5

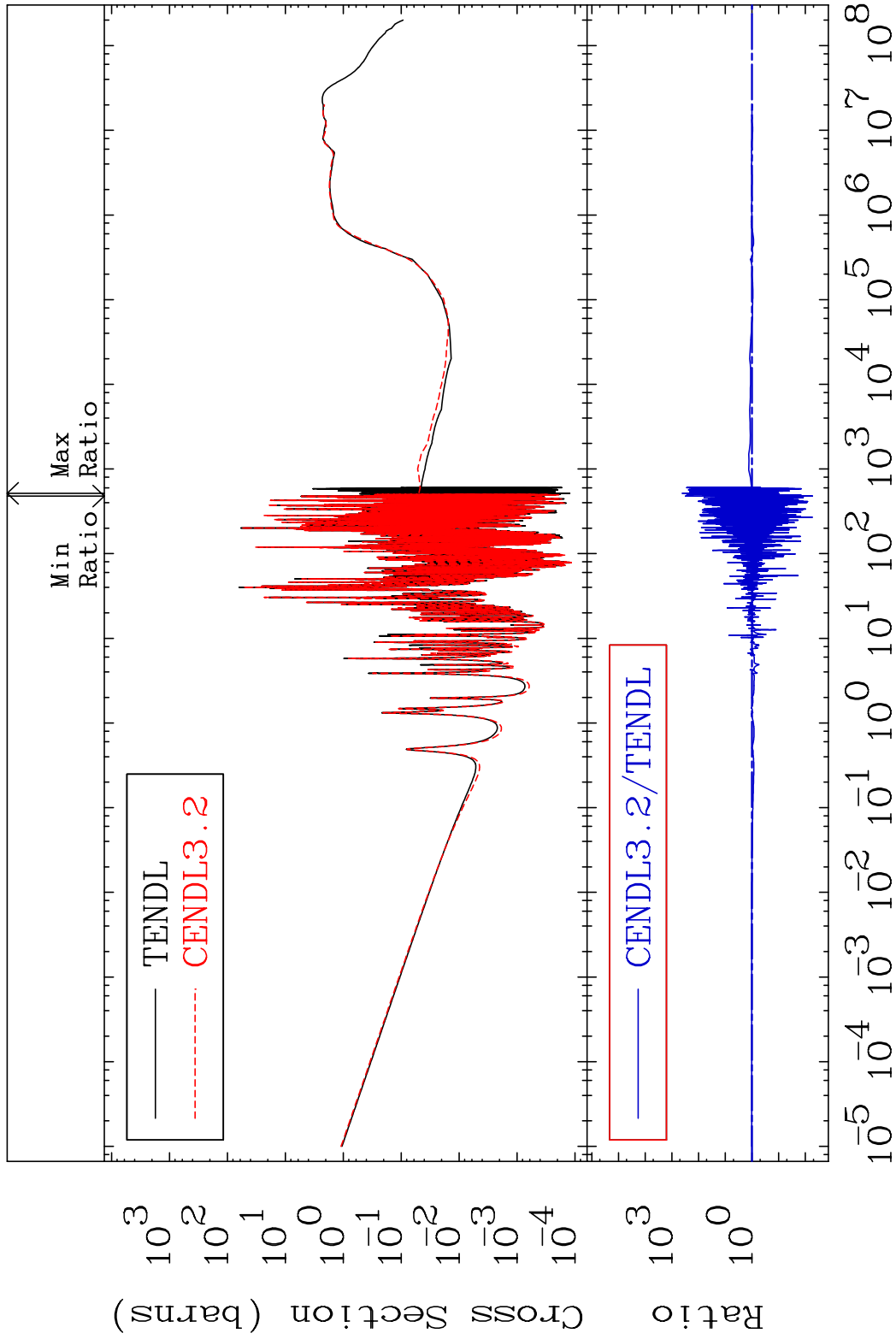
93-Np-237

MAT 9346

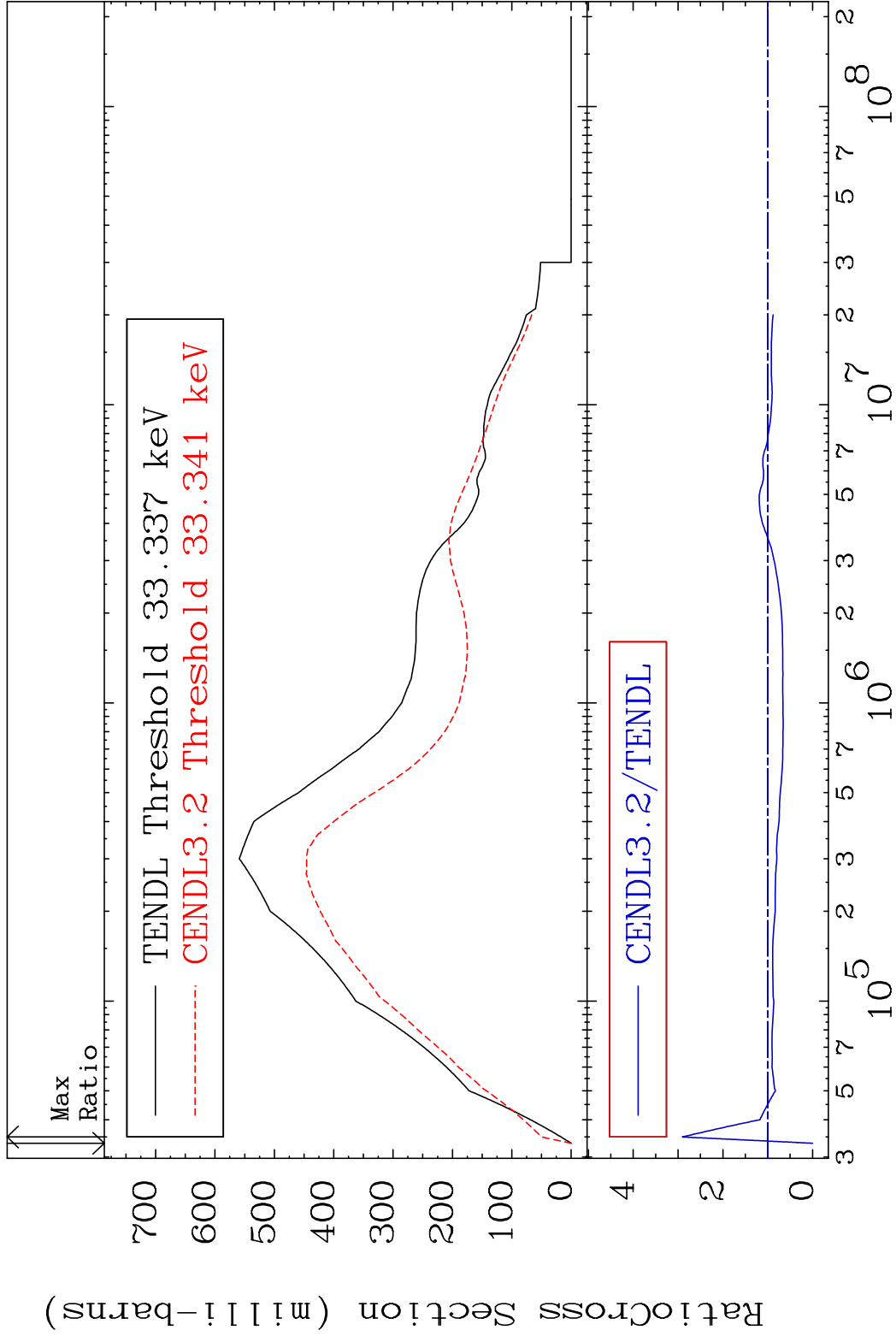
Fission

93-Np-237

Cross Section -99.46 To 9999. %

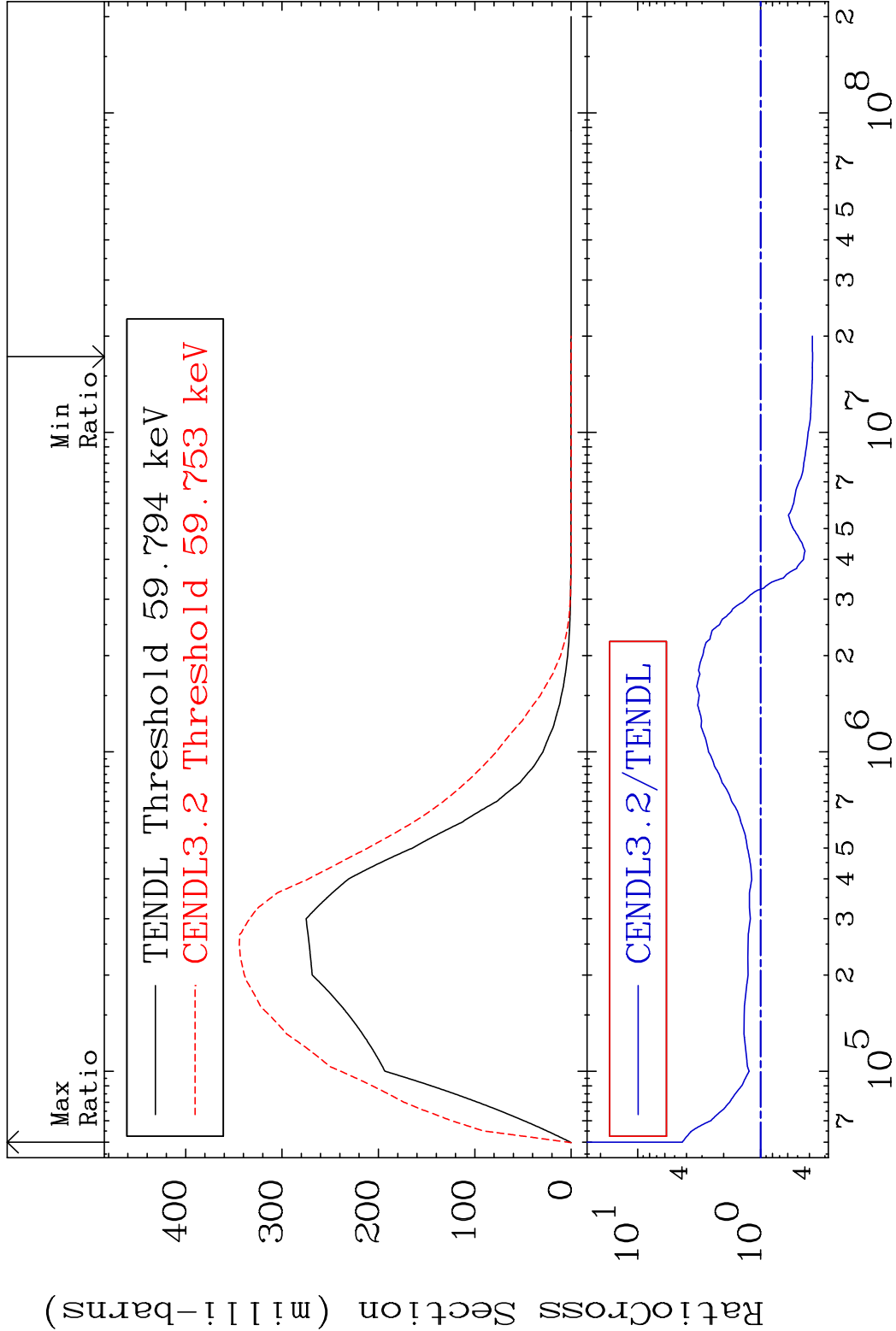


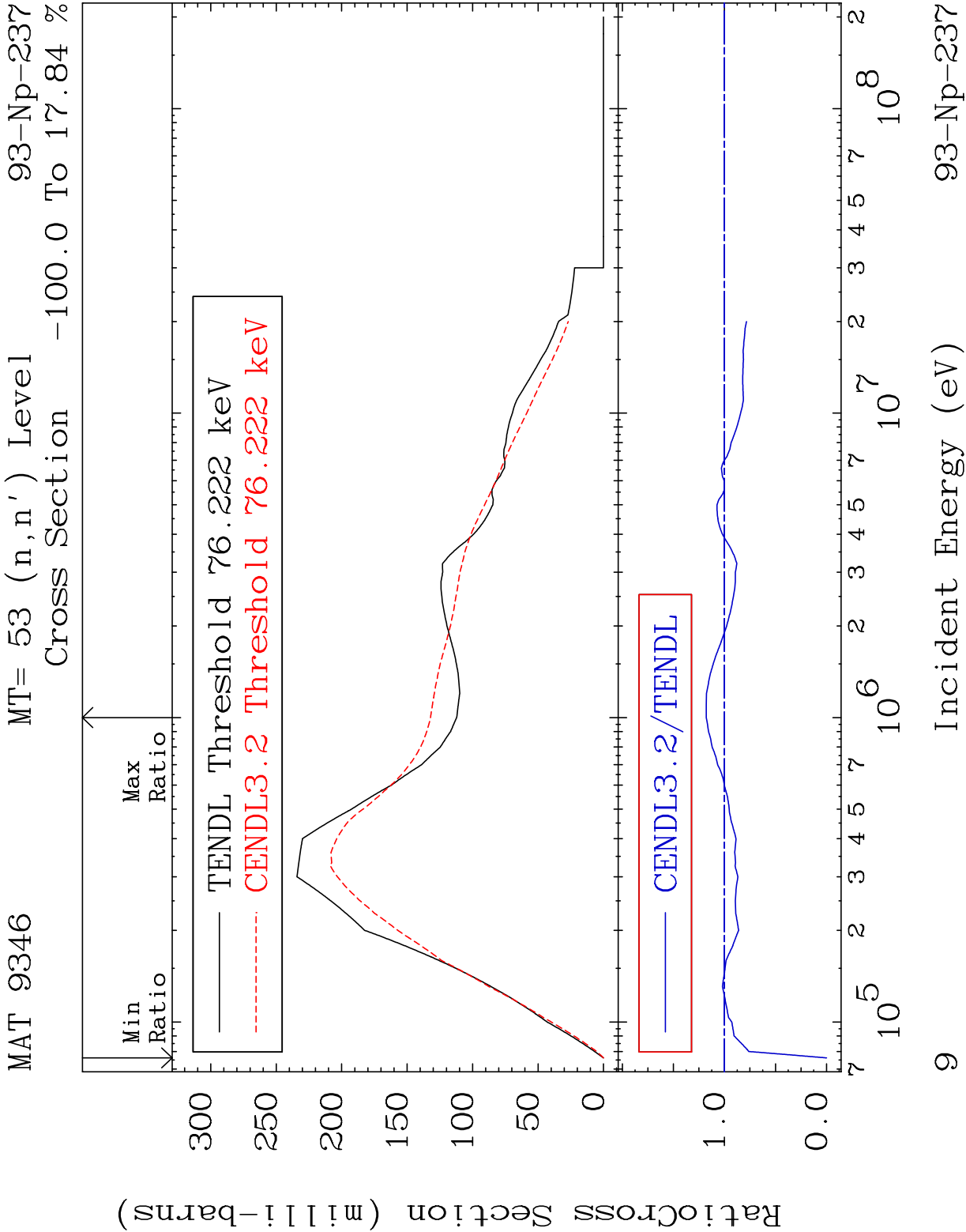
MAT 9346 MT= 51 (n,n') Level 93-Np-237
Cross Section -100.0 To 190.4 %

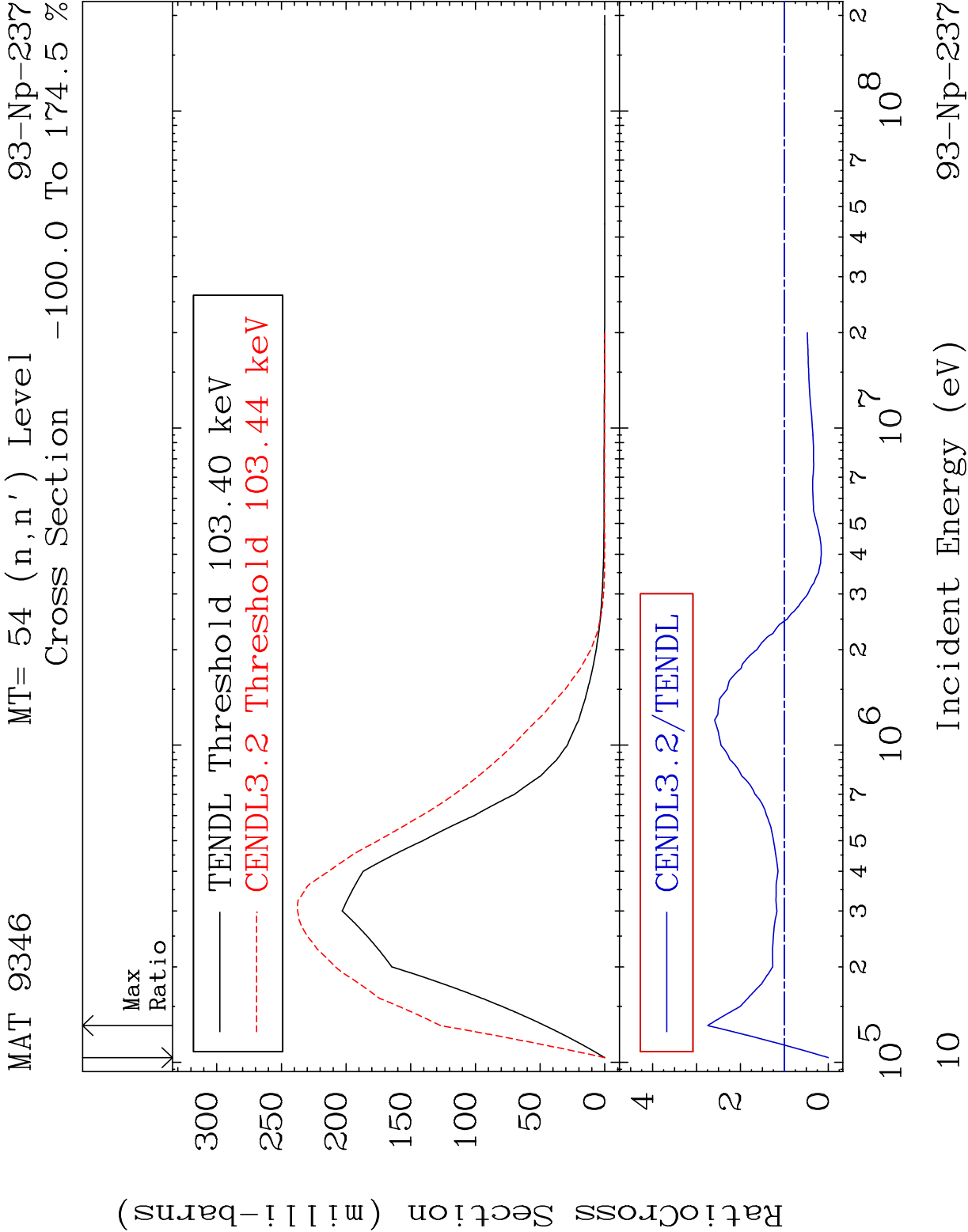


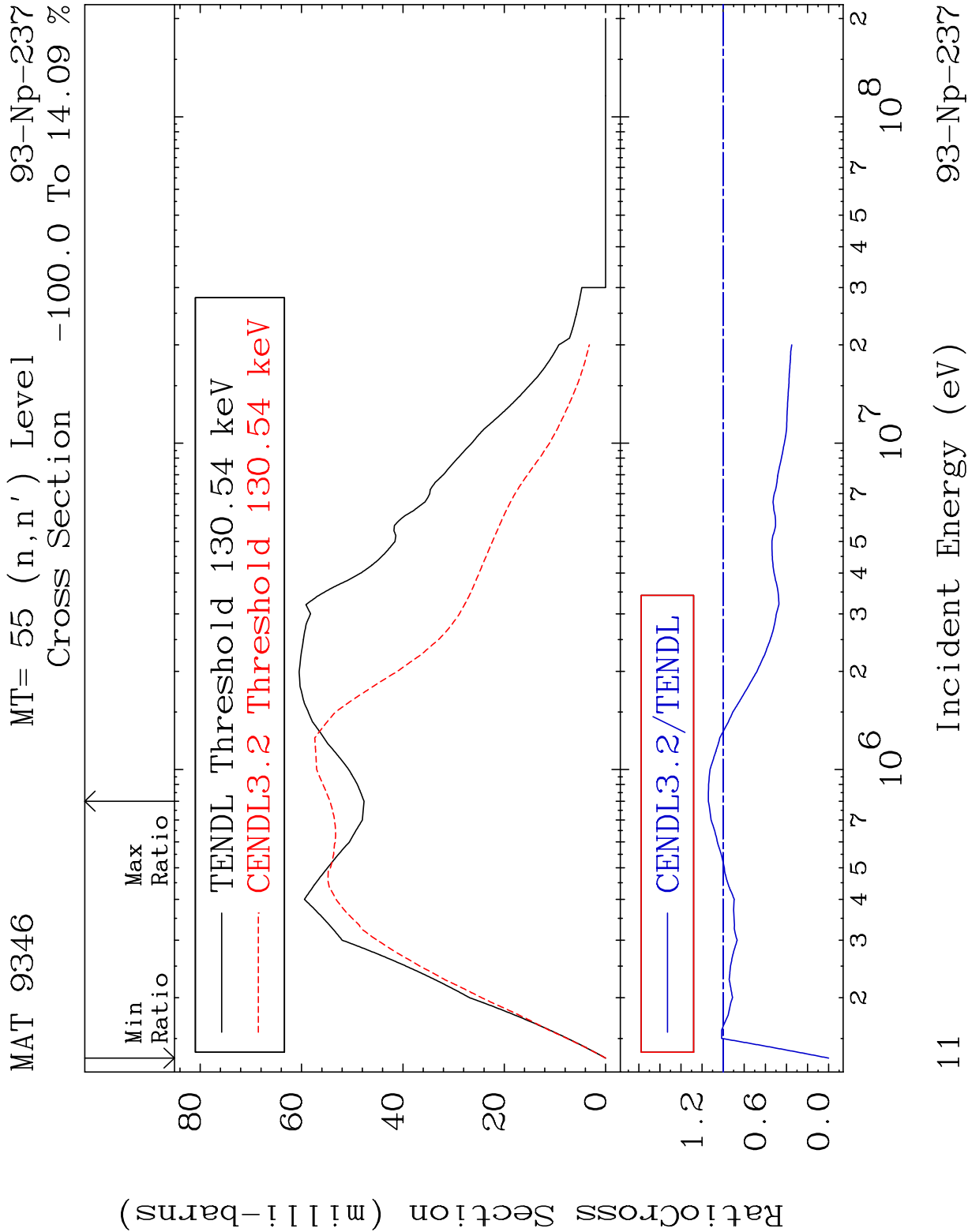
7 Incident Energy (eV) 93-Np-237

MAT 9346 MT= 52 (n,n') Level 93-Np-237
Cross Section -62.24 To 332.7 %









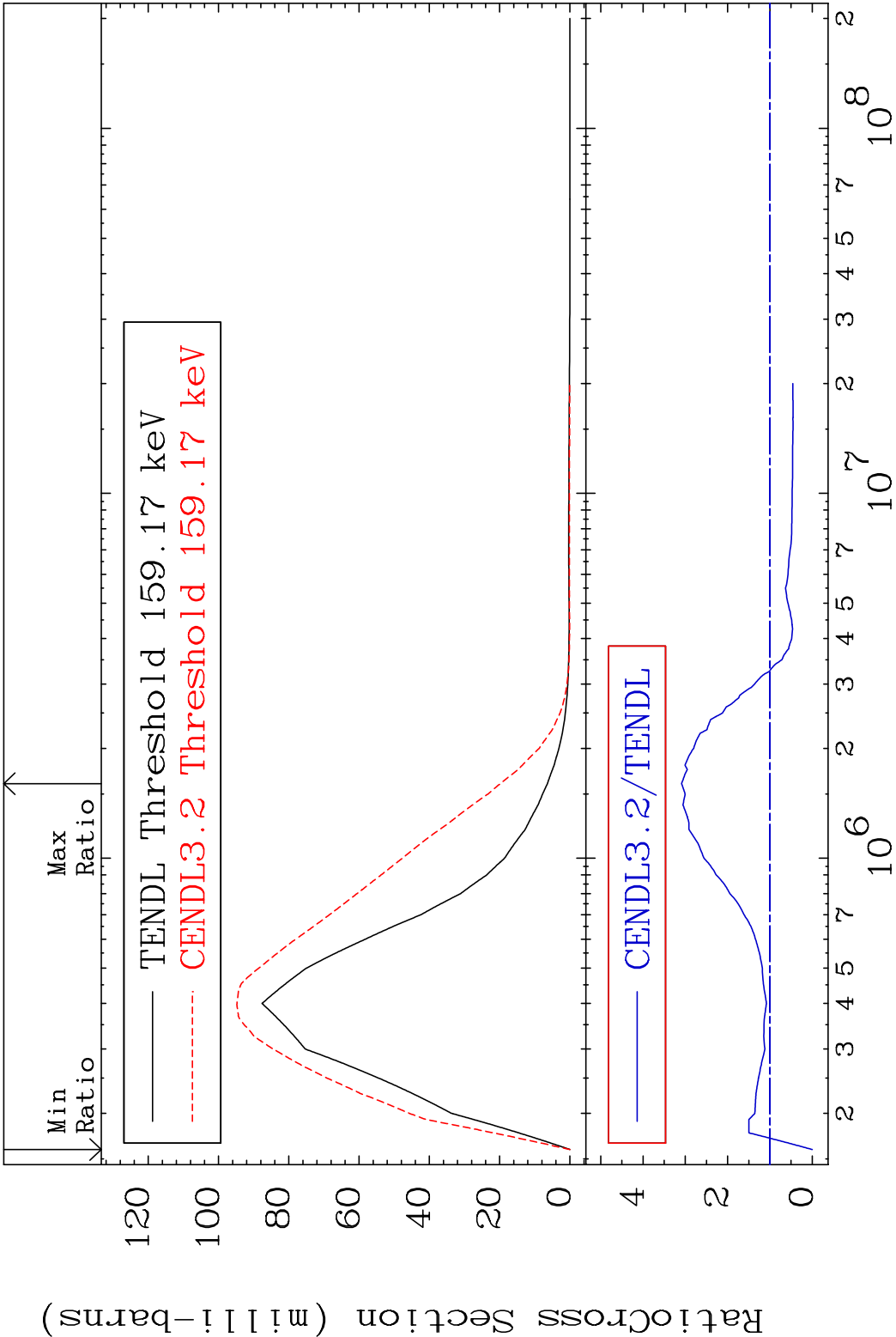
MAT 9346

MT= 56 (n,n') Level

93-Np-237

Cross Section

-100.0 To 209.0 %



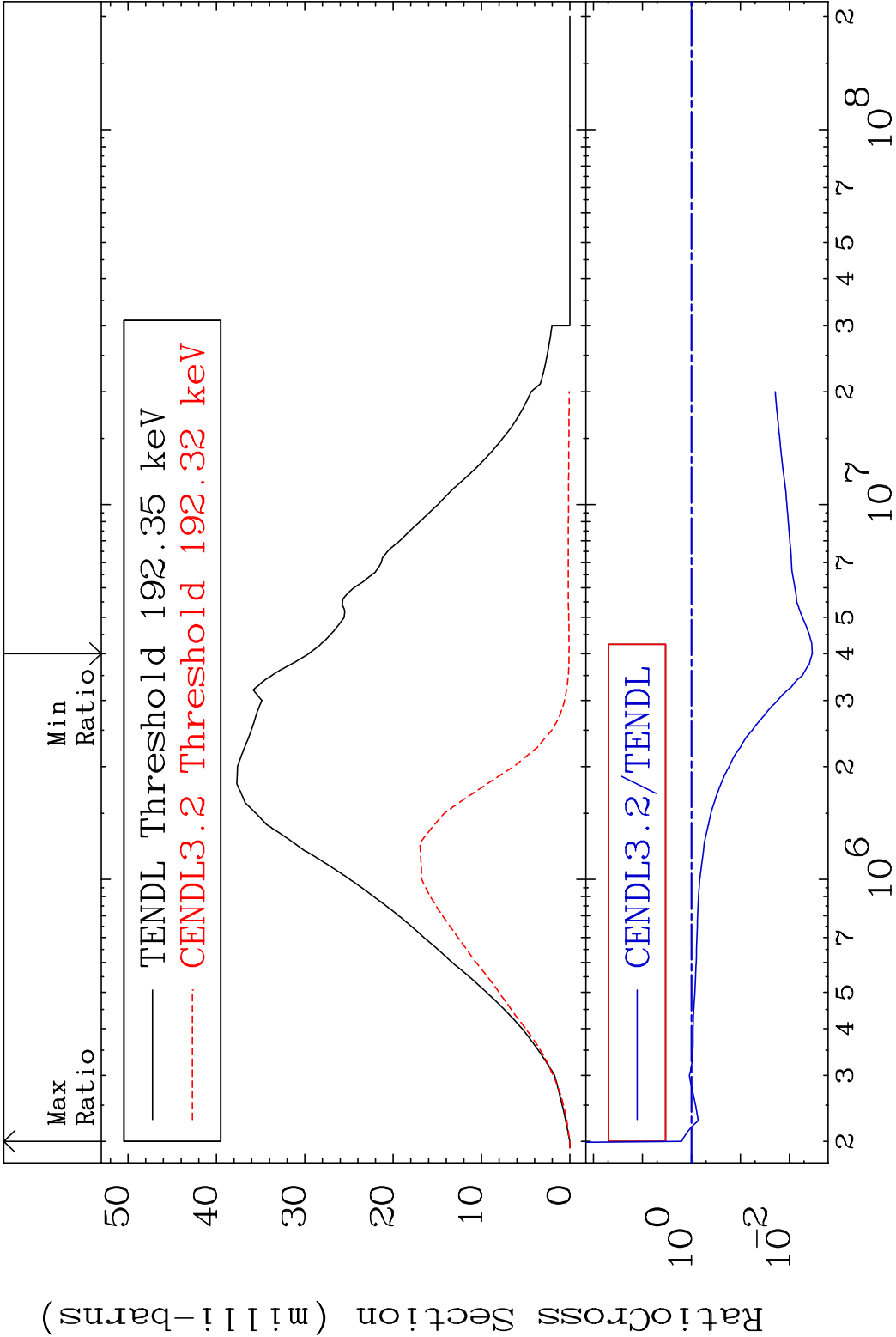
MAT 9346

MT= 57 (n,n') Level

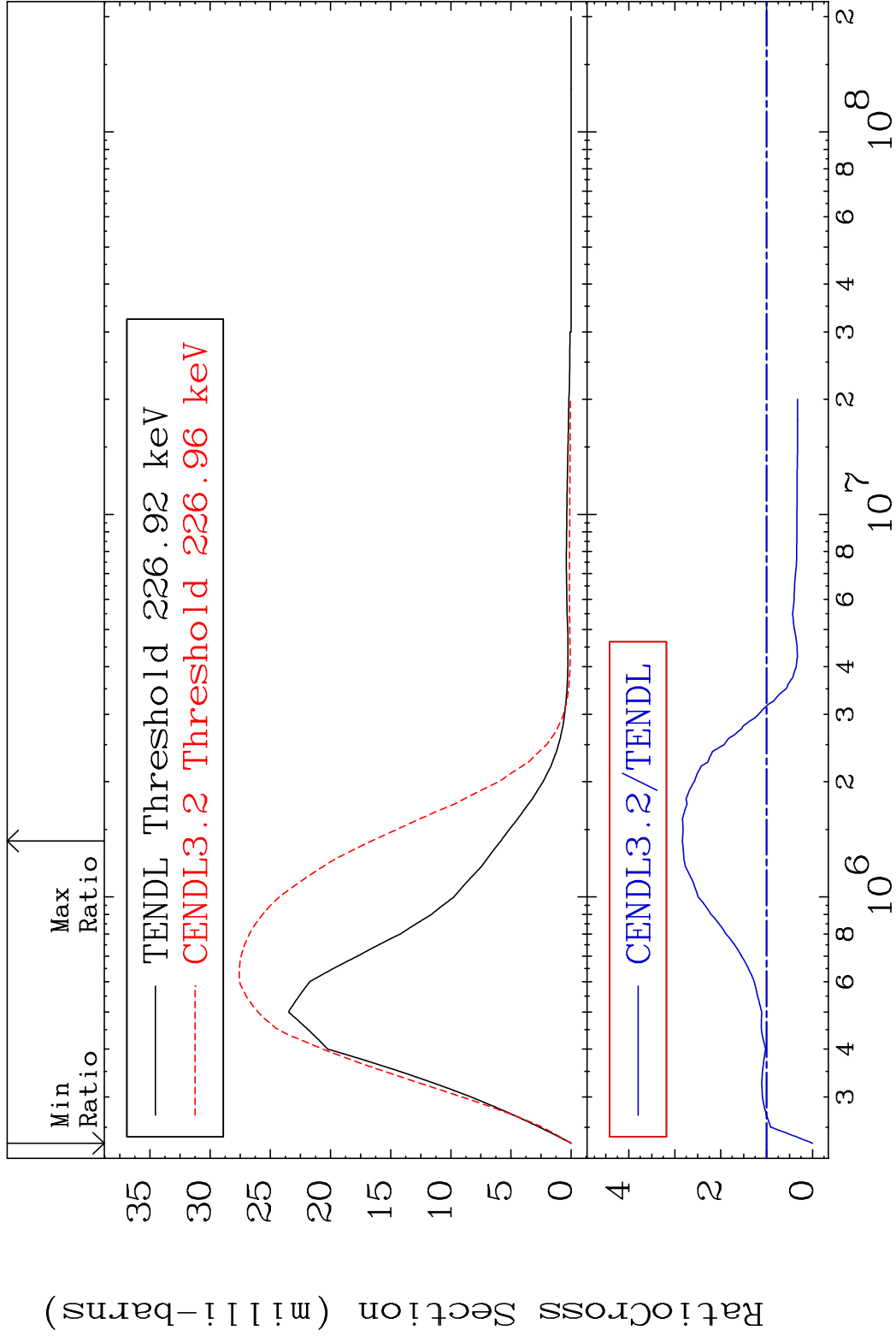
93-Np-237

Cross Section

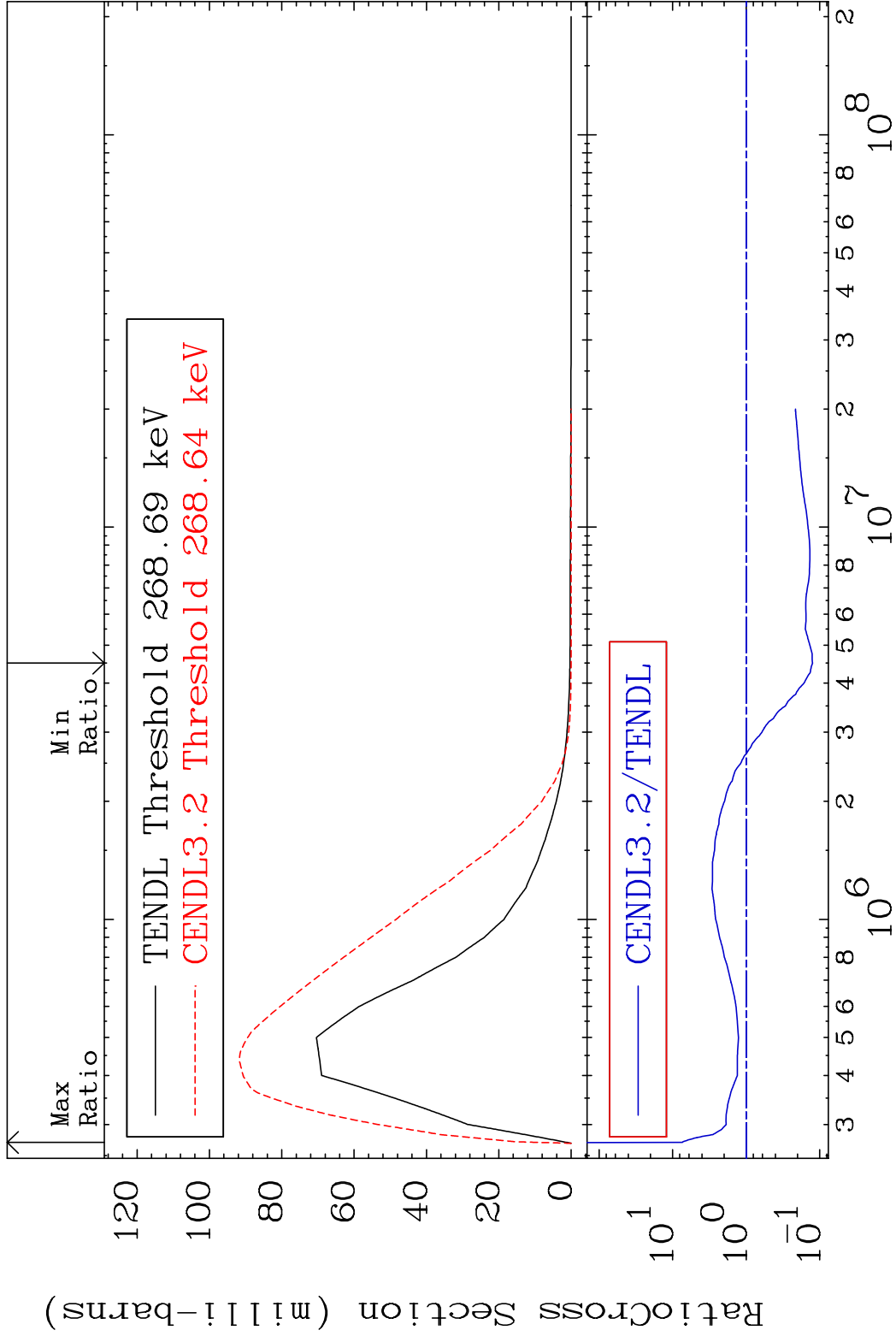
-99.66 To 58.45 %



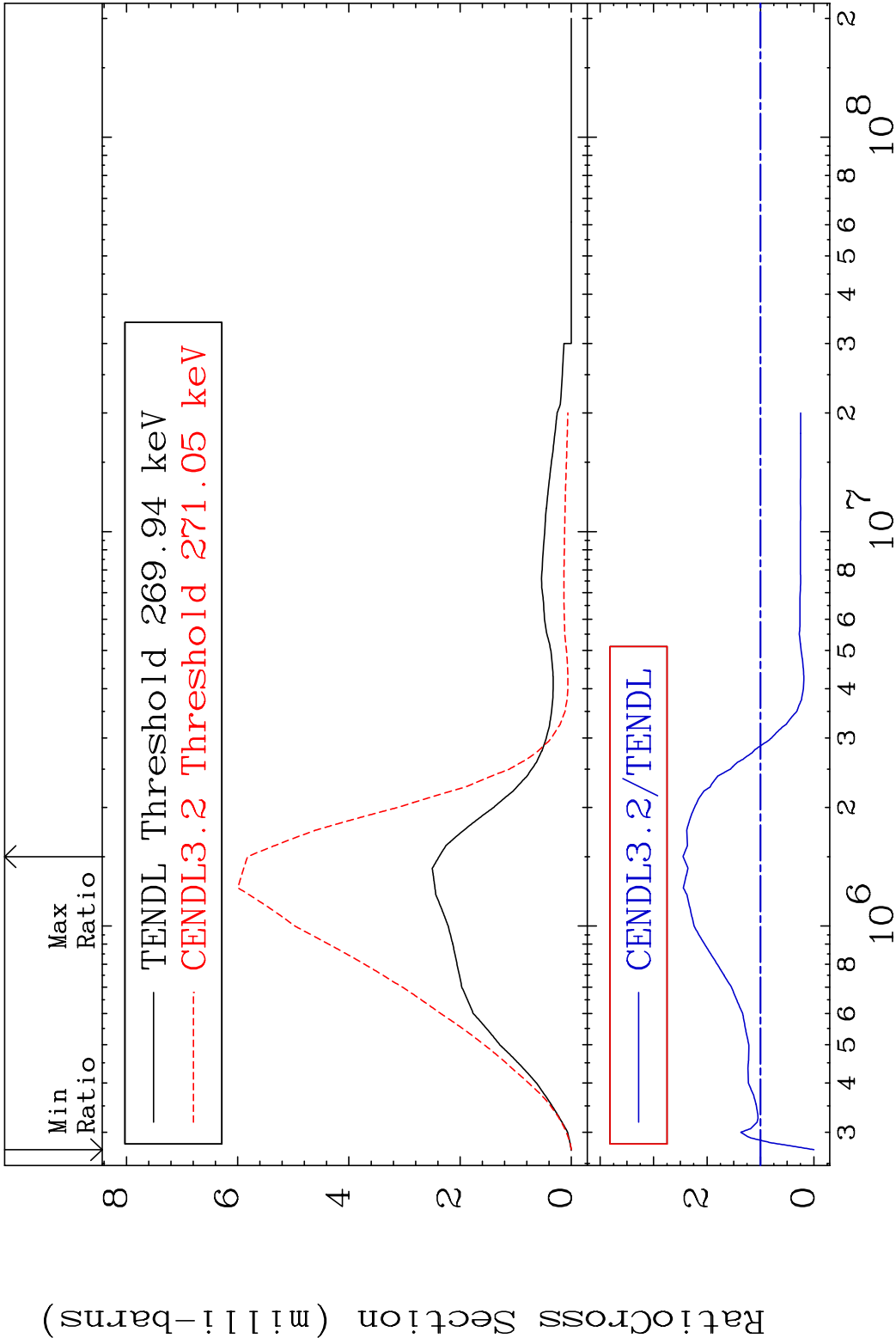
MAT 9346 MT= 58 (n,n') Level 93-Np-237
Cross Section -100.0 To 183.5 %



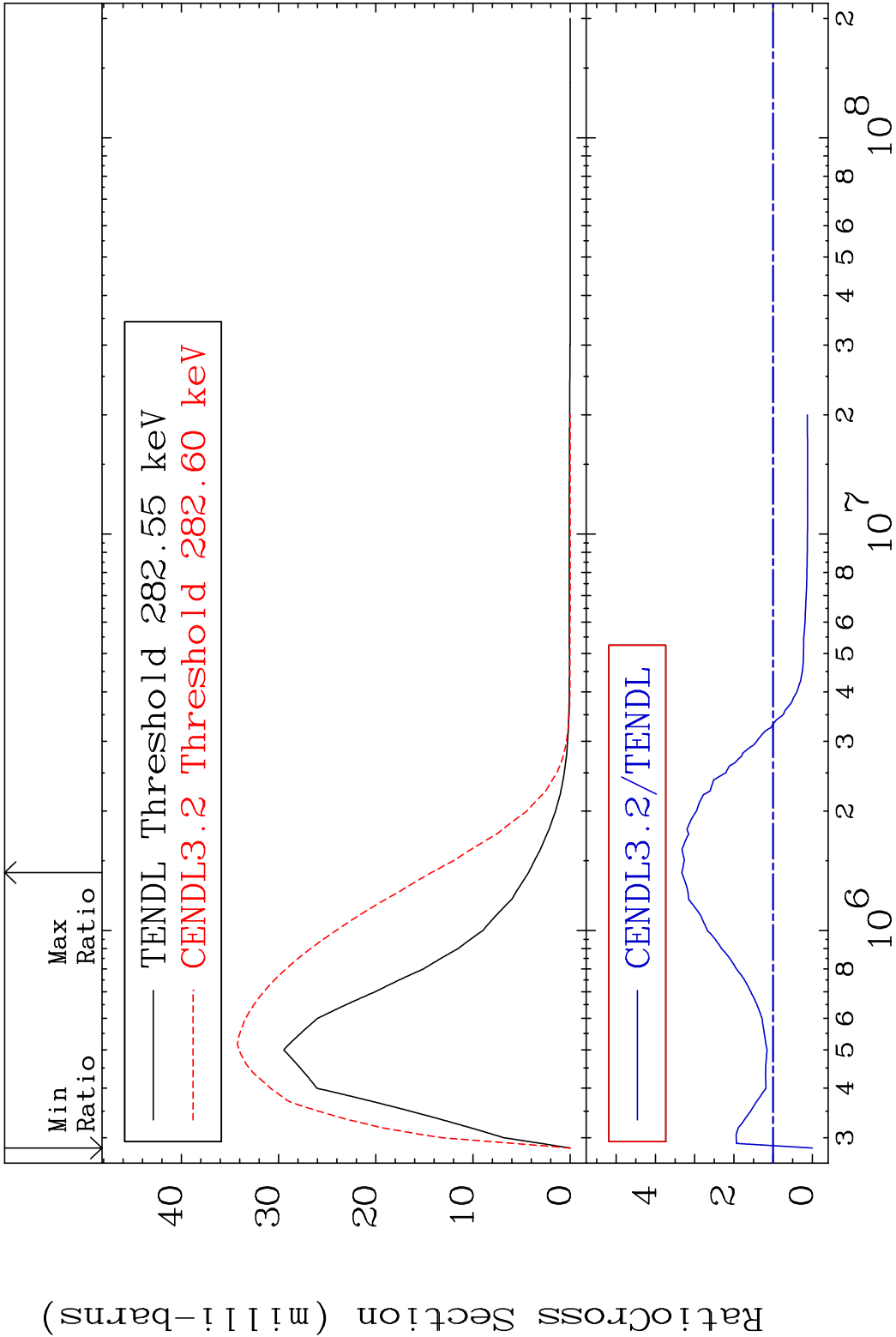
MAT 9346 MT= 59 (n,n') Level 93-Np-237
Cross Section -87.49 To 637.4 %



MAT 9346 MT= 60 (n,n') Level 93-Np-237
Cross Section -100.0 To 144.9 %



MAT 9346 MT= 61 (n,n') Level 93-Np-237
Cross Section -100.0 To 233.0 %



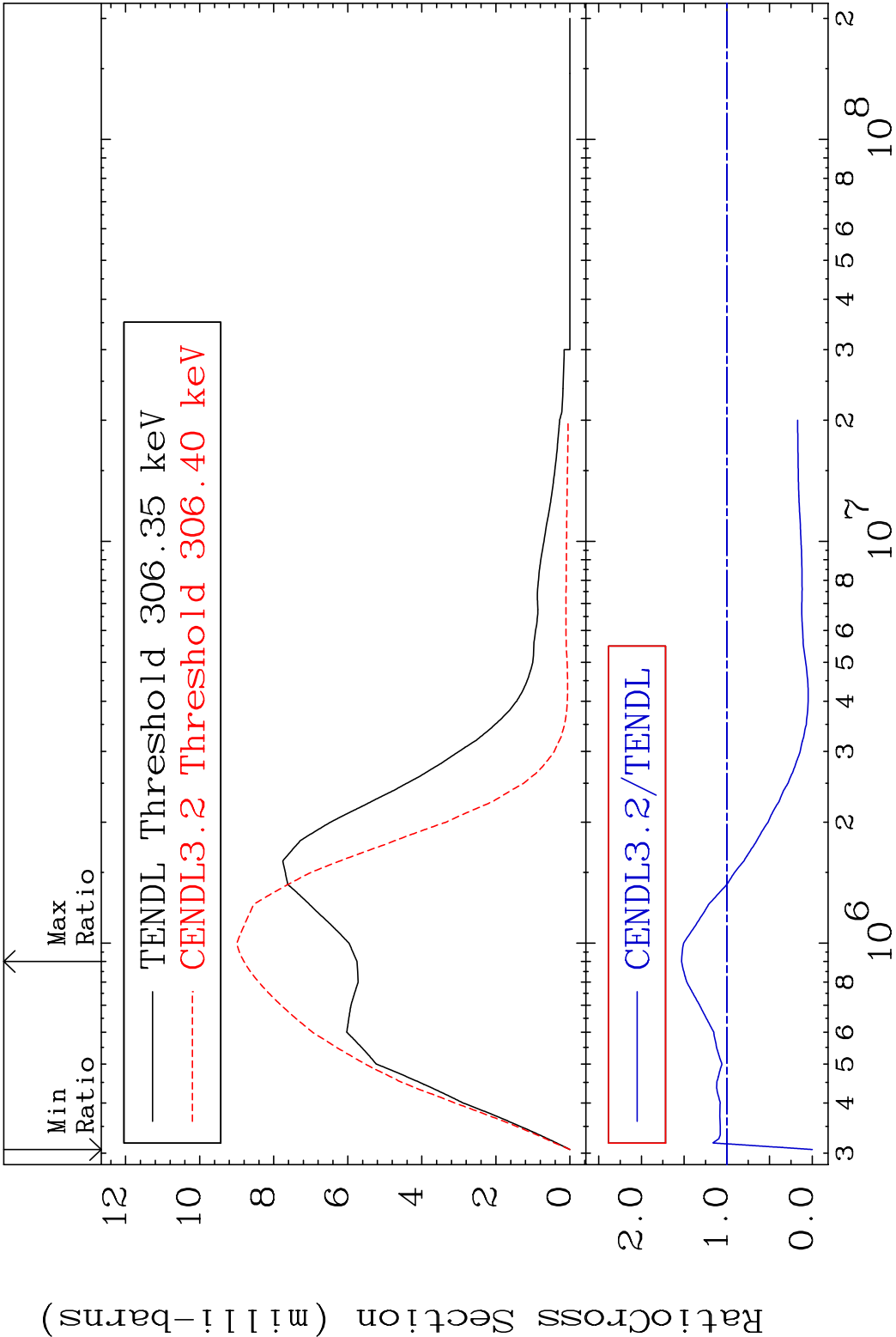
MAT 9346

MT= 62 (n,n') Level

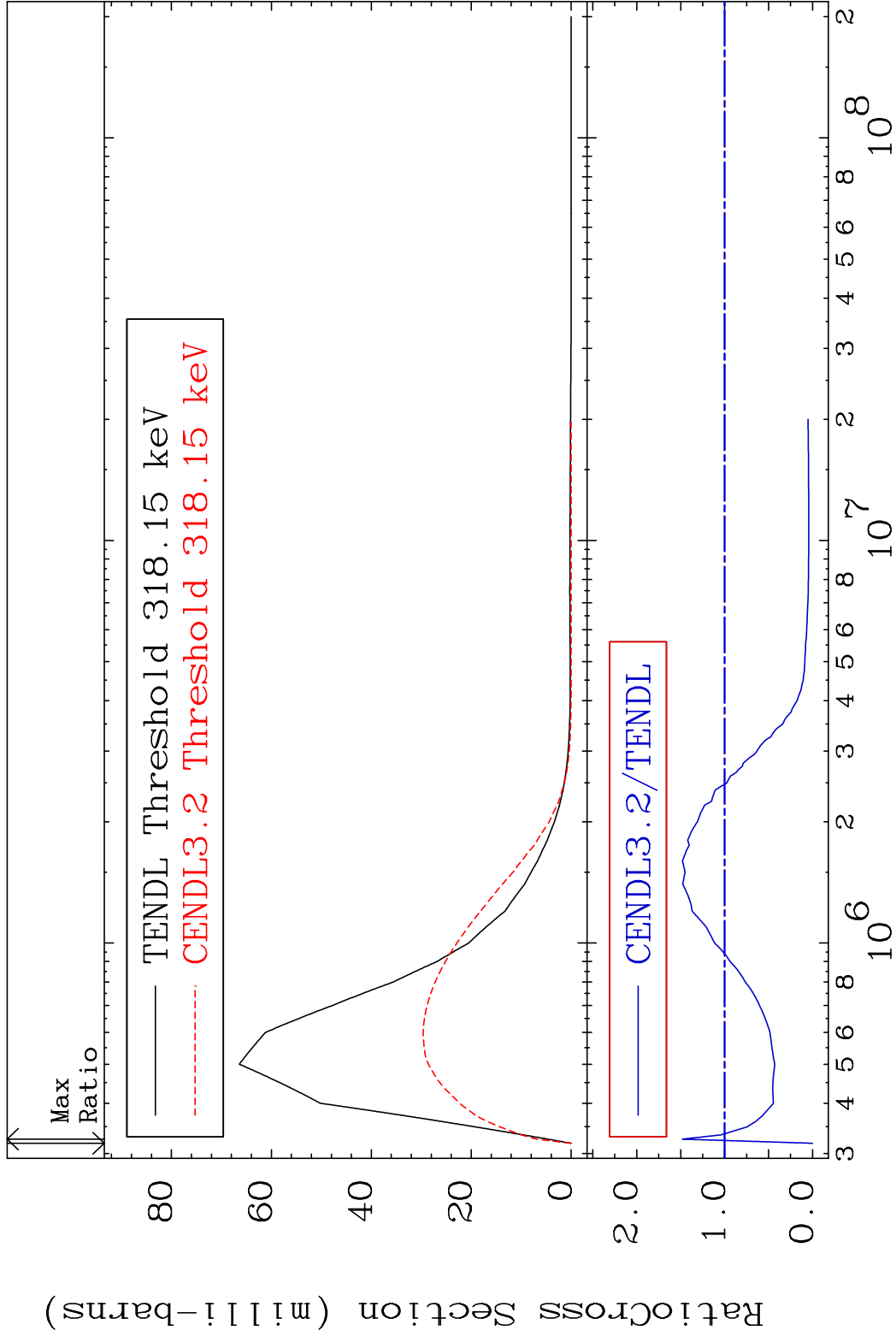
93-Np-237

Cross Section

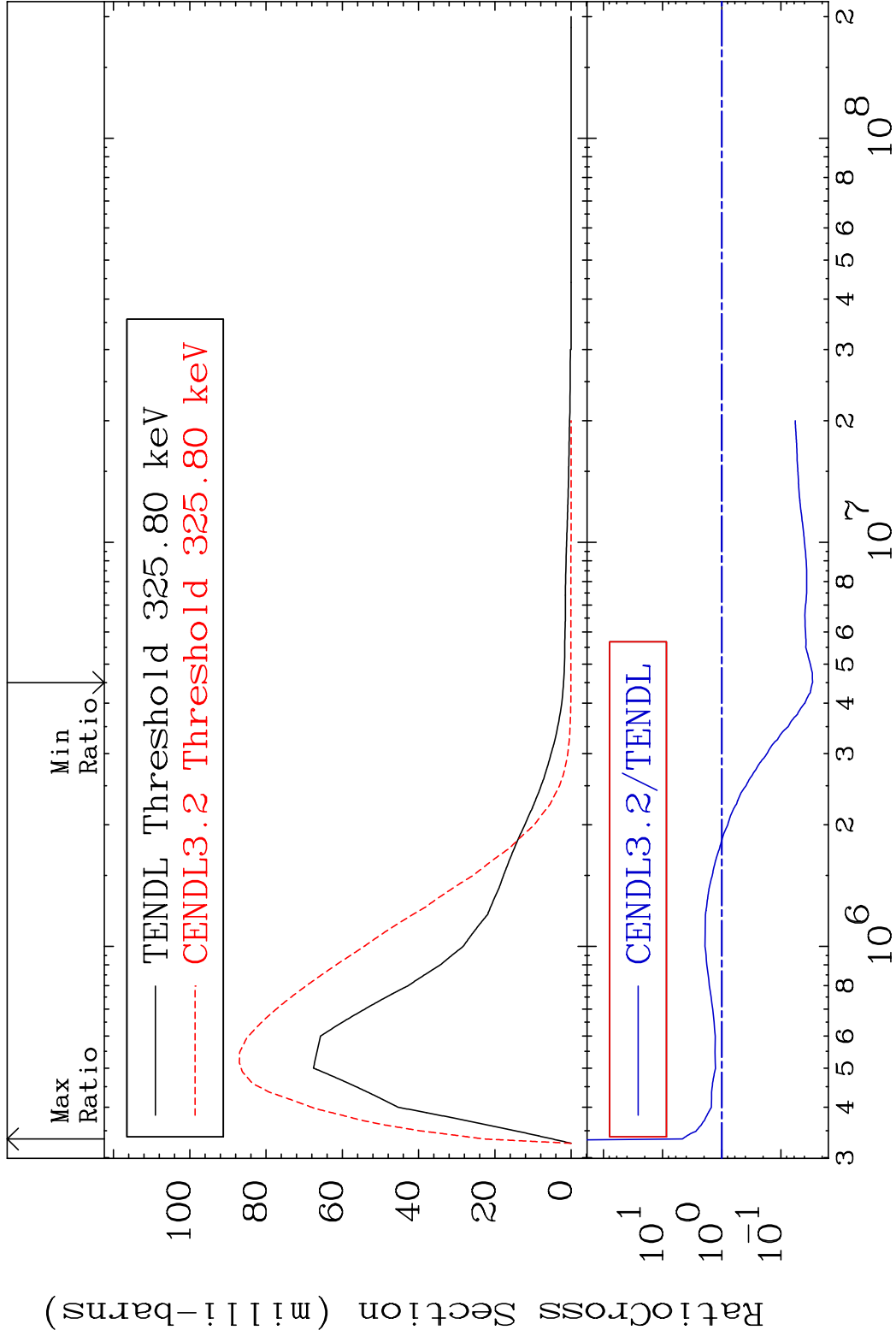
-100.0 To 53.08 %



MAT 9346 MT= 63 (n,n') Level 93-Np-237
Cross Section -100.0 To 48.11 %



MAT 9346 MT= 64 (n,n') Level 93-Np-237
Cross Section -97.08 To 364.1 %



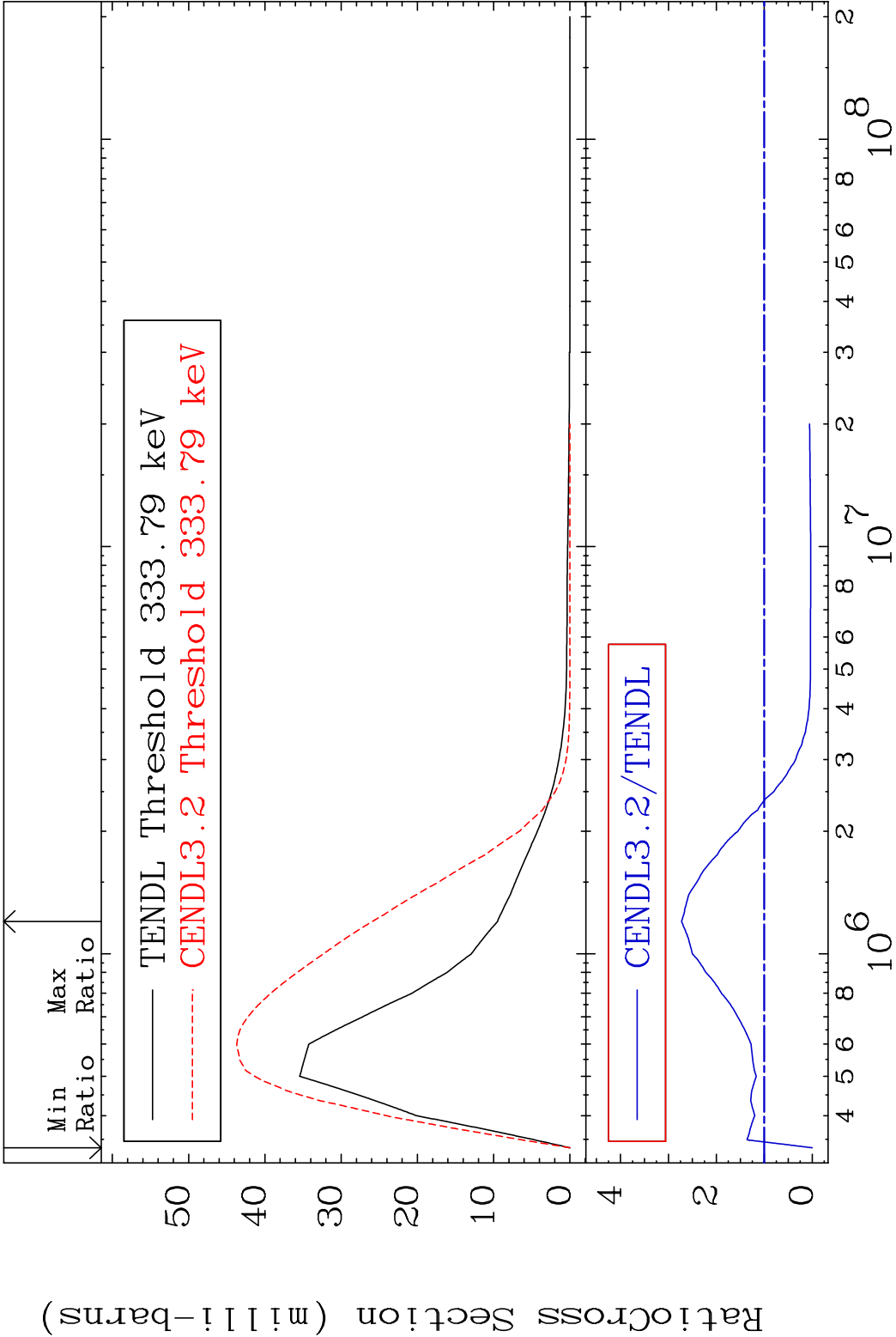
MAT 9346

MT= 65 (n,n') Level

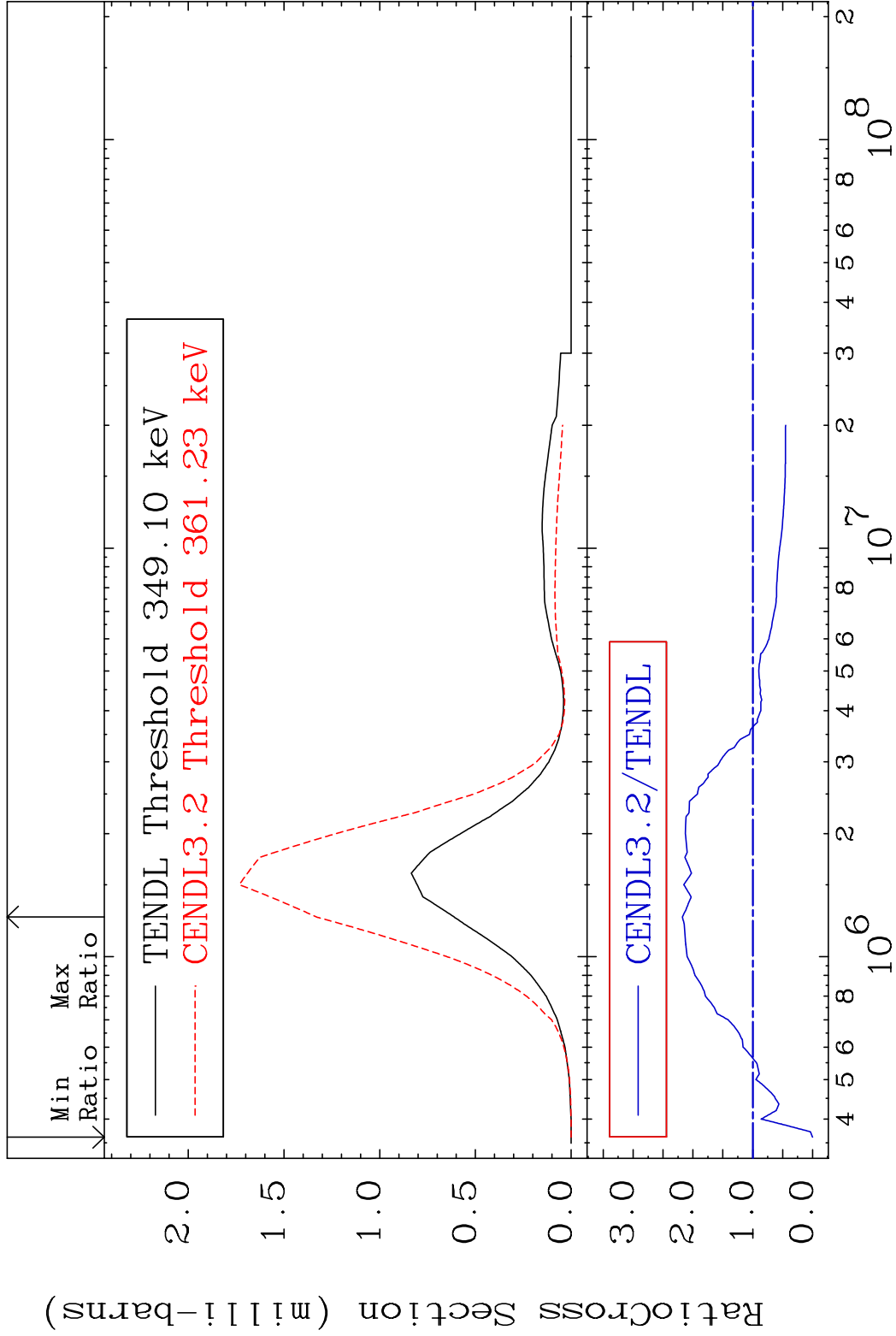
93-Np-237

Cross Section

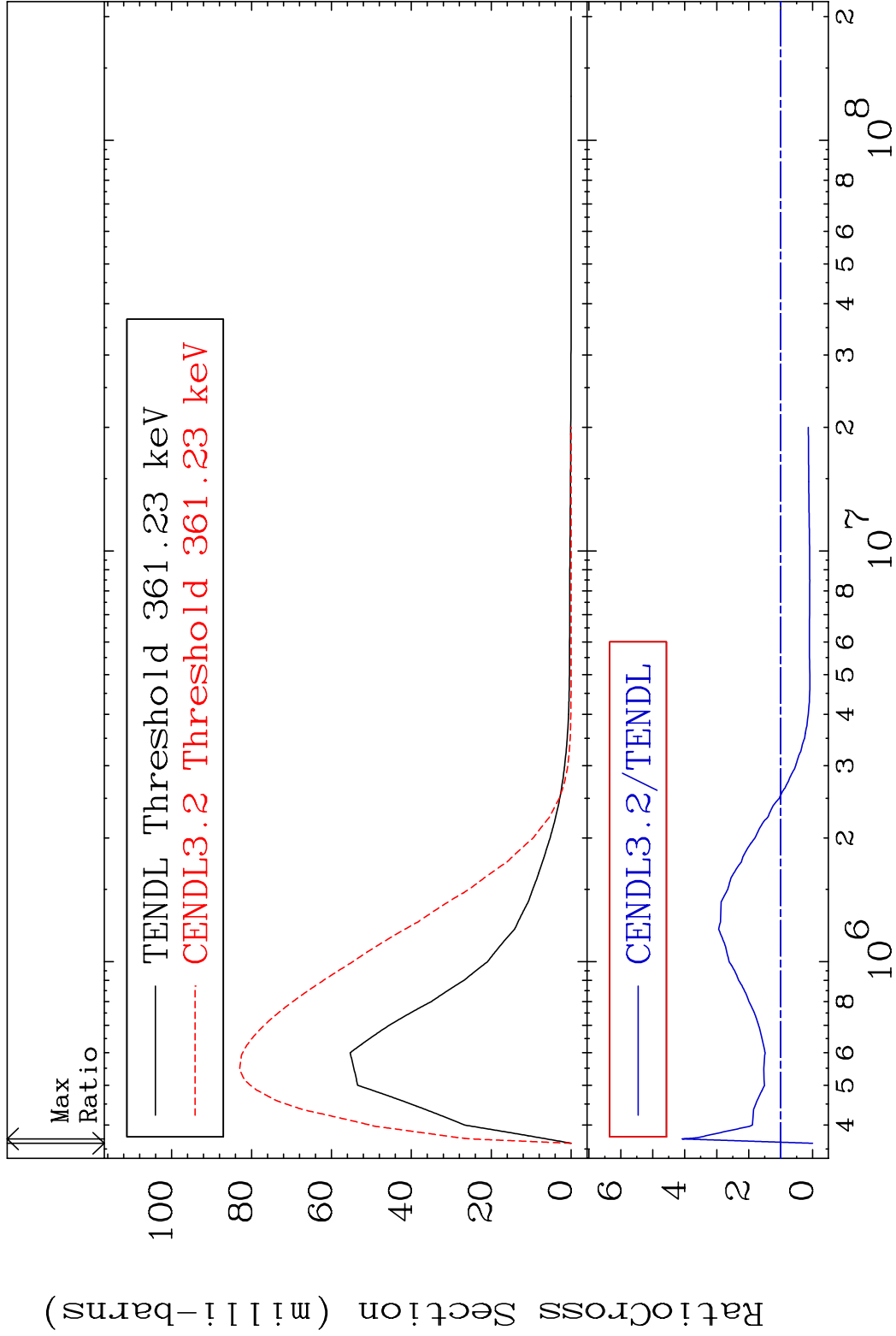
-100.0 To 172.6 %



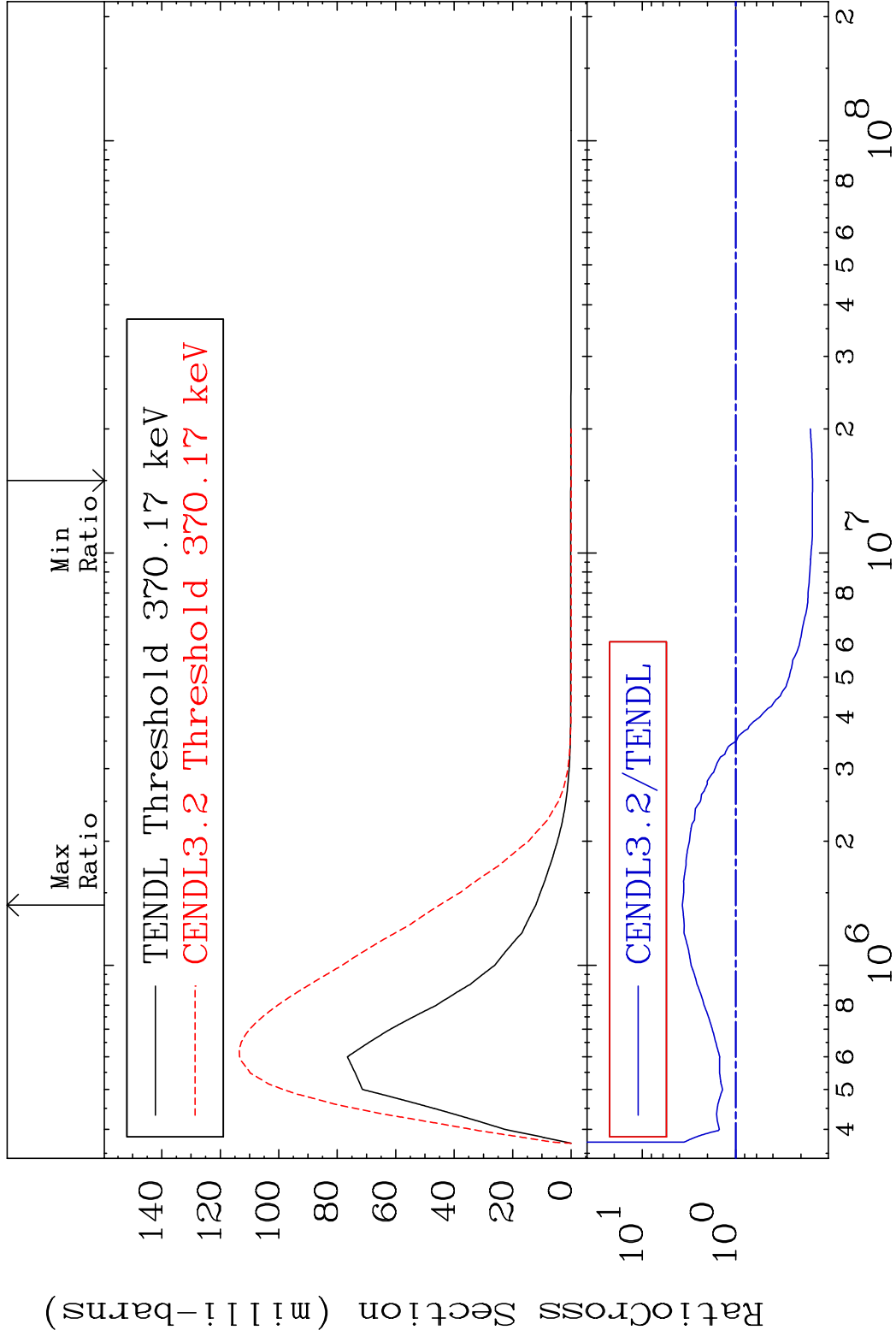
MAT 9346 MT= 66 (n,n') Level 93-Np-237
Cross Section -100.0 To 117.7 %

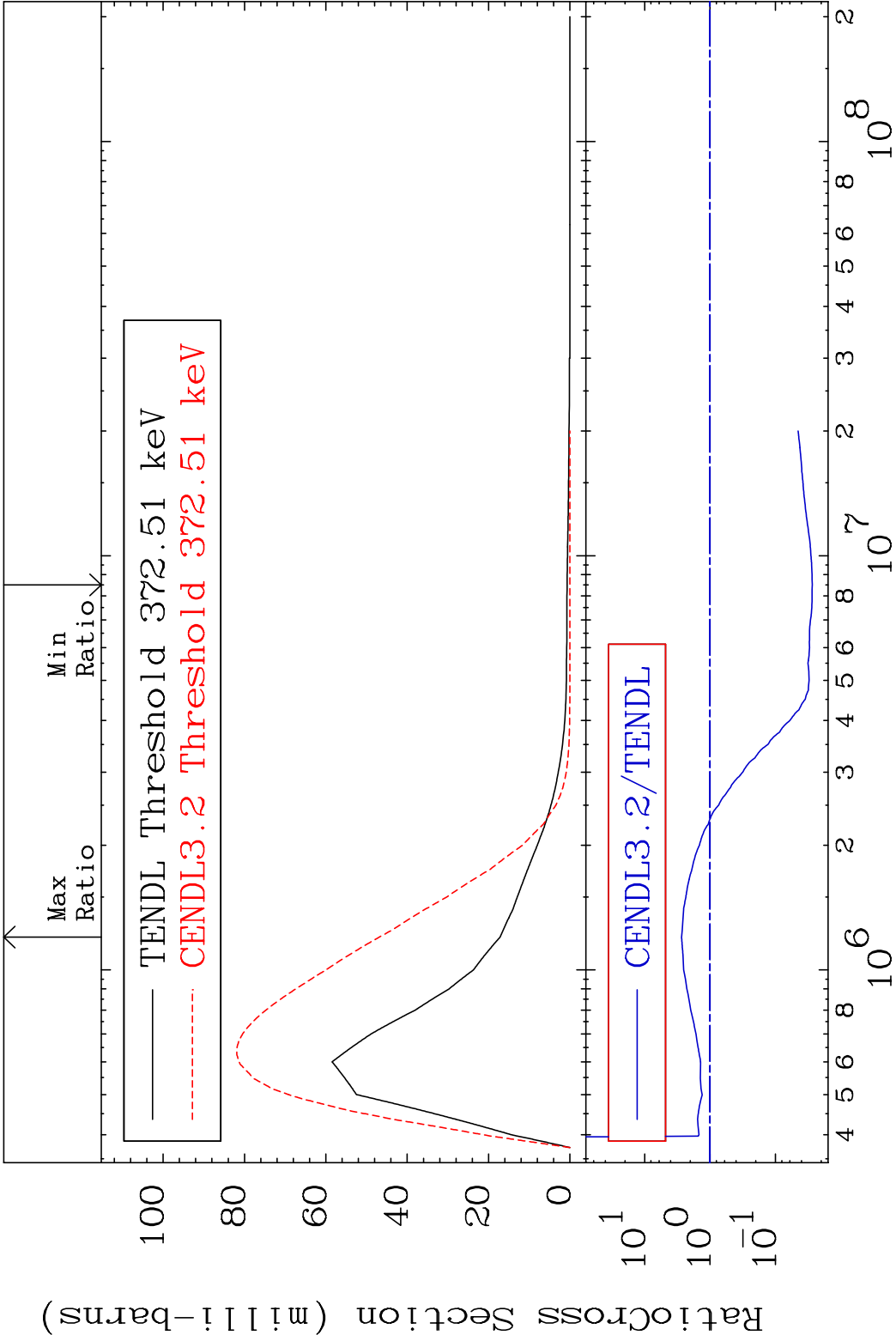


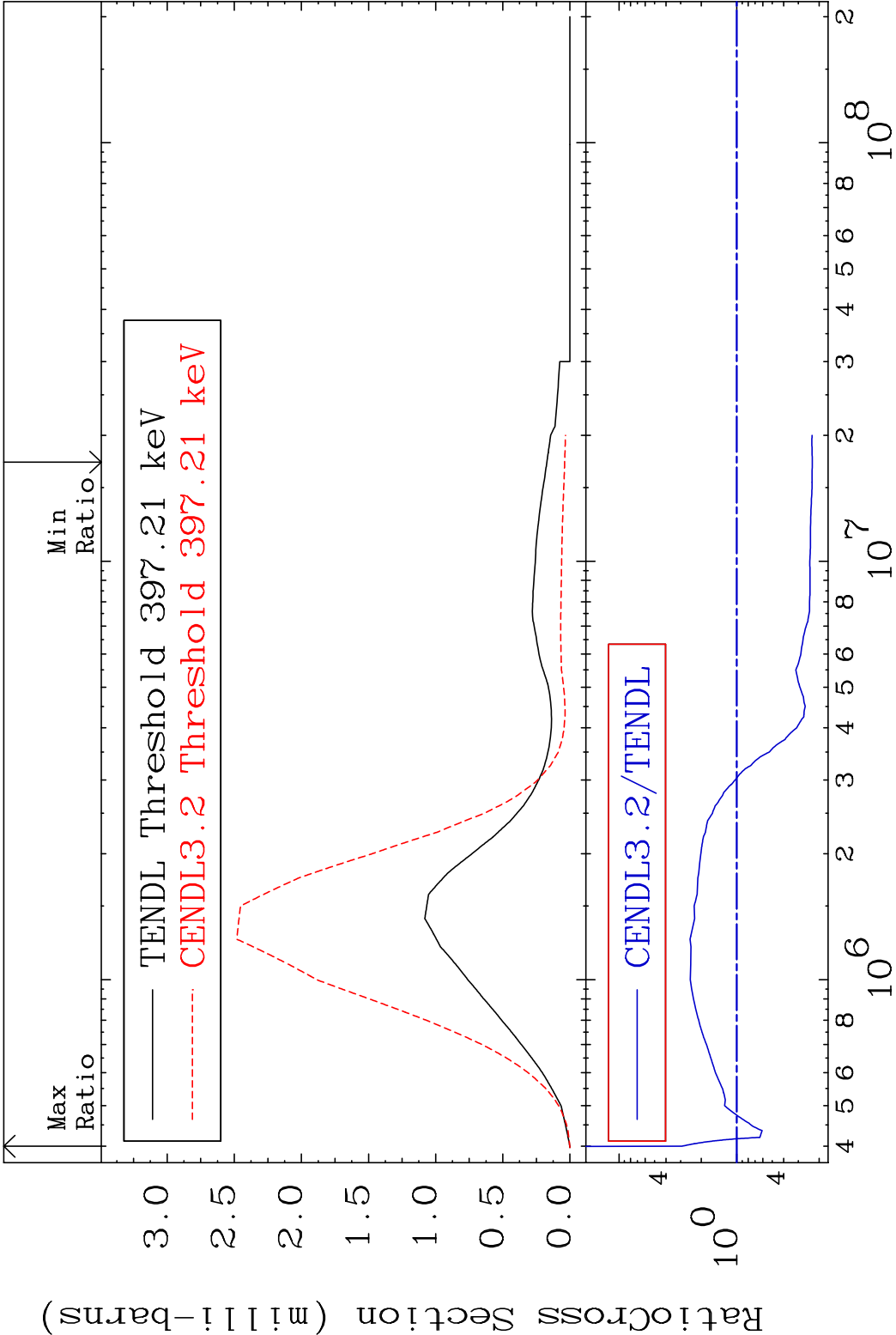
MAT 9346 MT= 67 (n,n') Level 93-Np-237
Cross Section -100.0 To 307.6 %

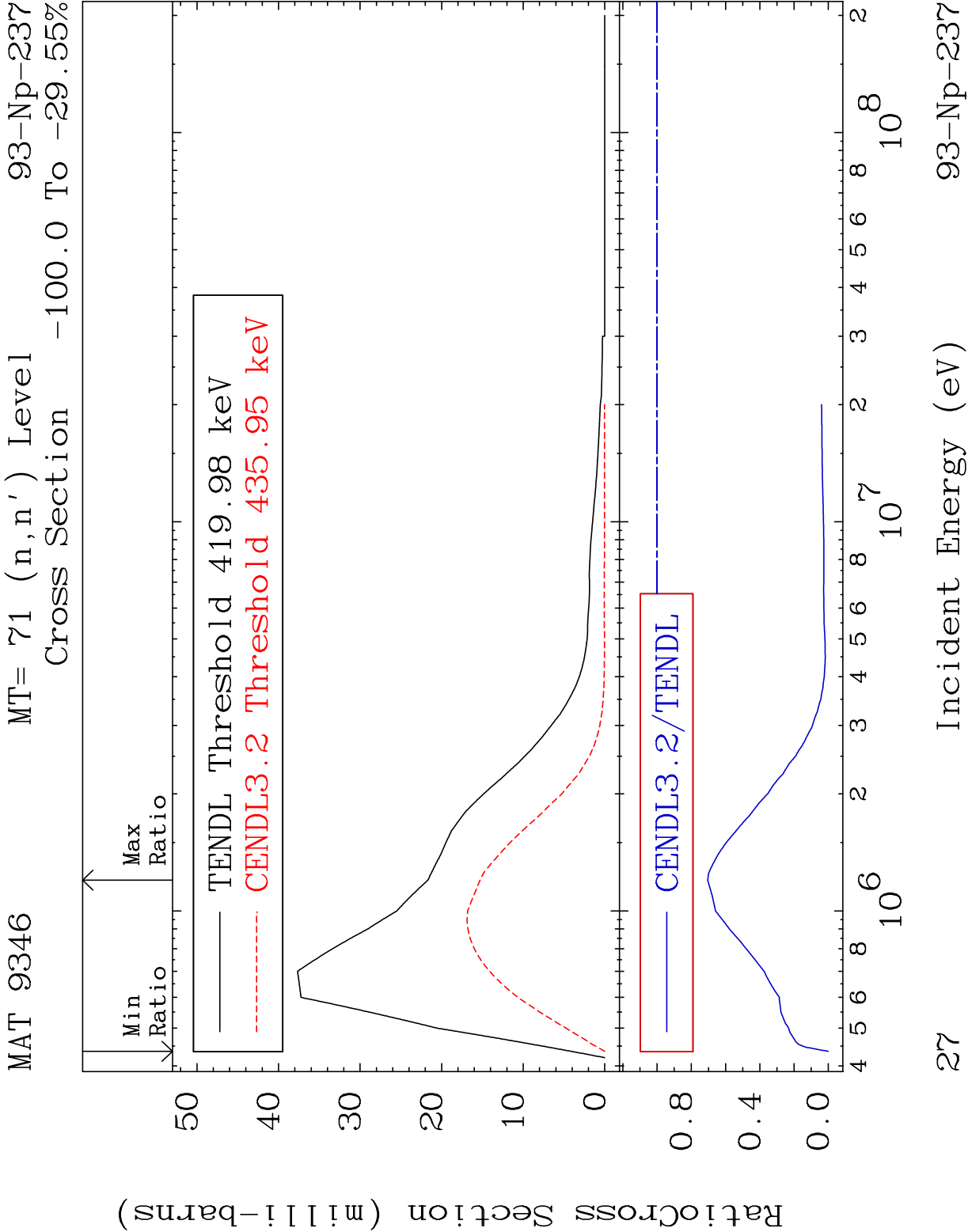


MAT 9346 MT= 68 (n,n') Level 93-Np-237
Cross Section -84.97 To 272.2 %

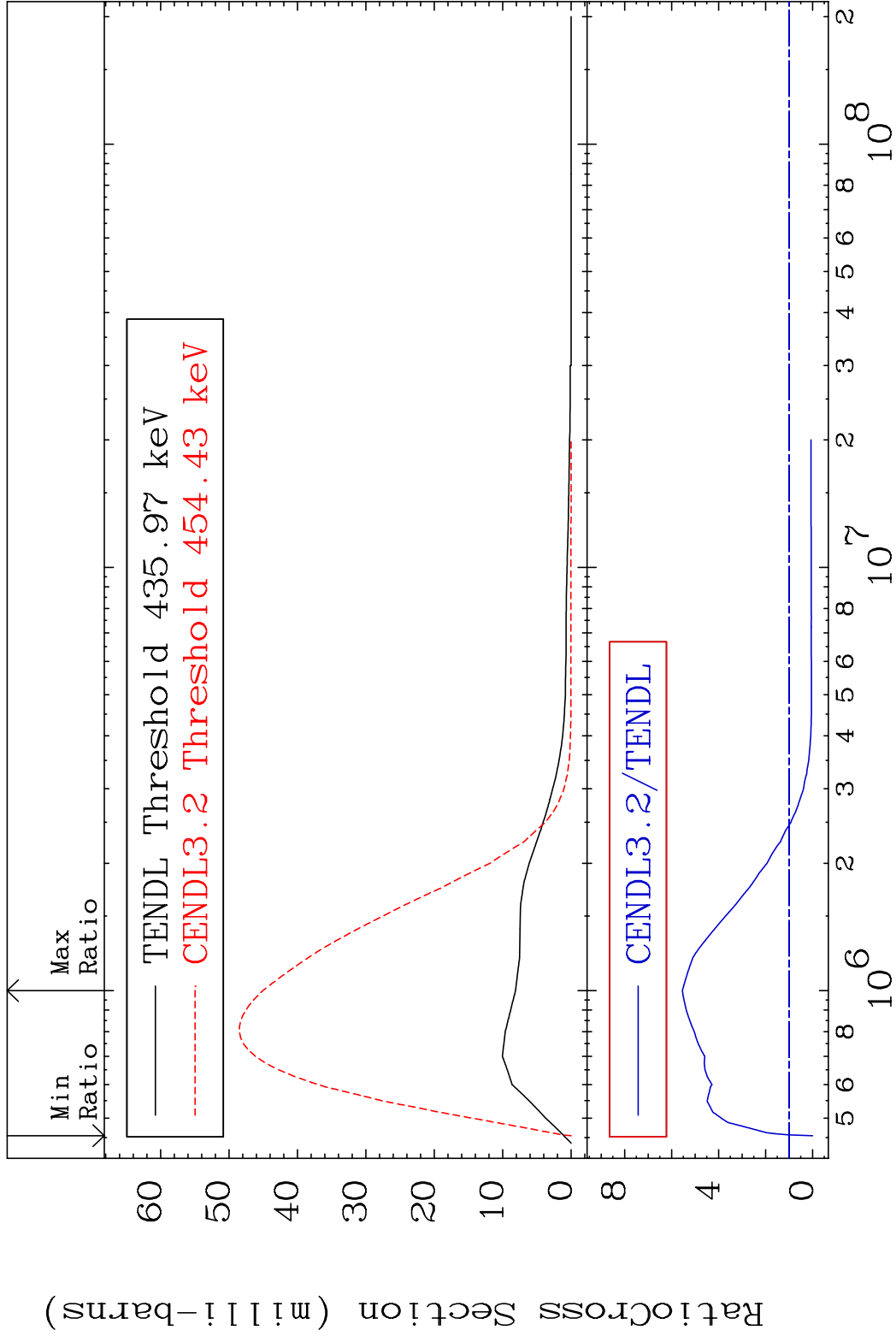




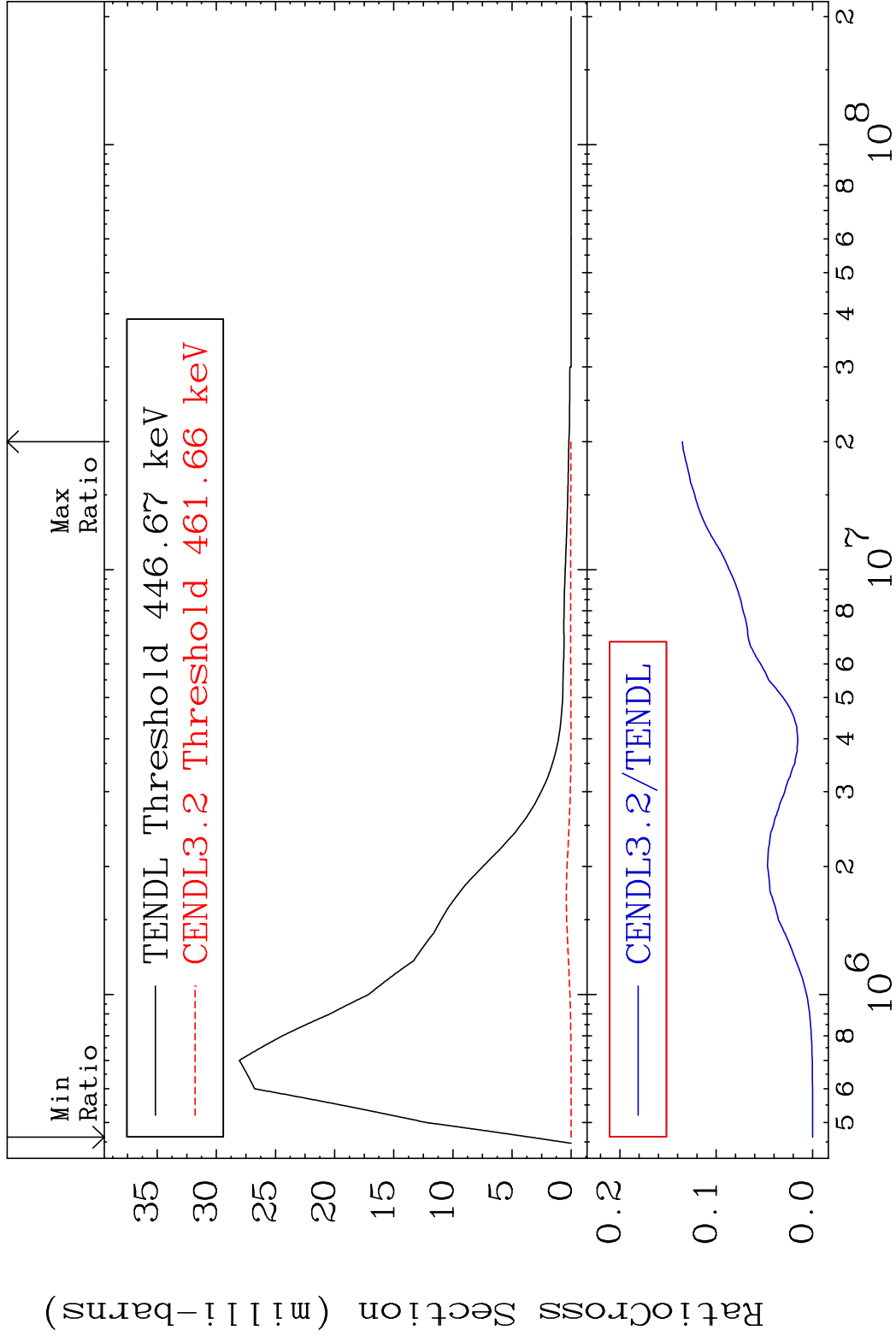




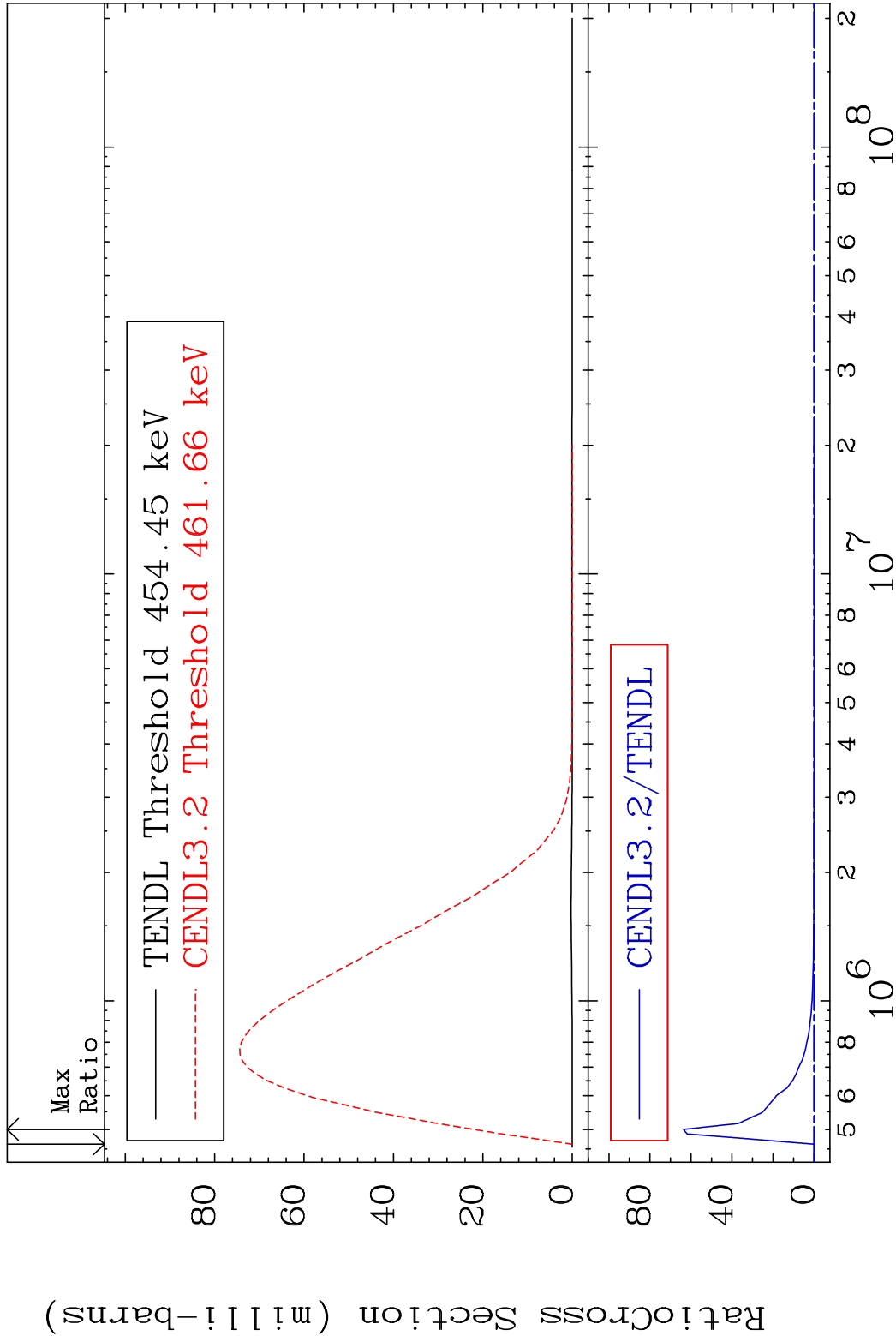
MAT 9346 MT= 72 (n,n') Level 93-Np-237
Cross Section -100.0 To 454.3 %



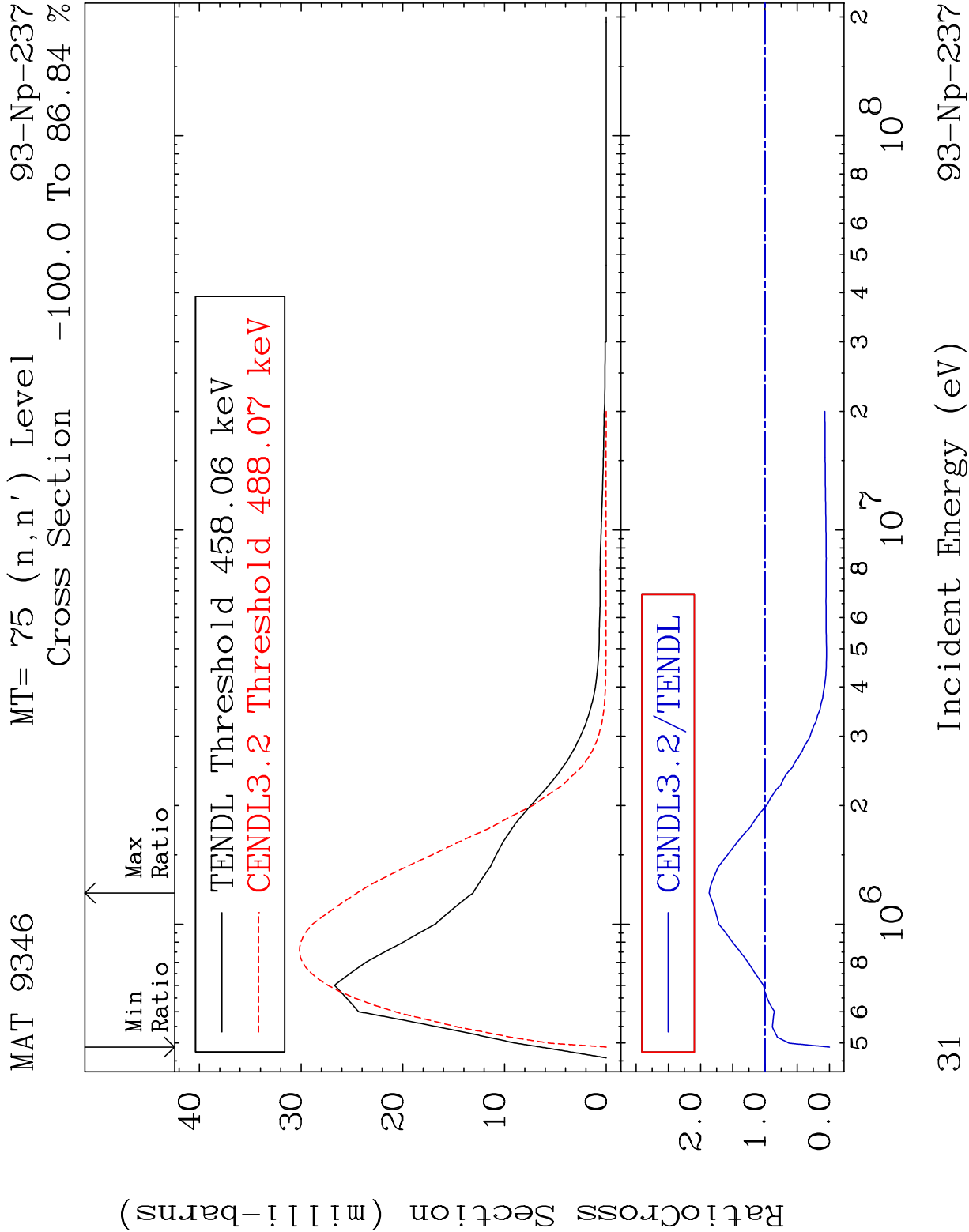
MAT 9346 MT= 73 (n,n') Level 93-Np-237
Cross Section -100.0 To -86.48%

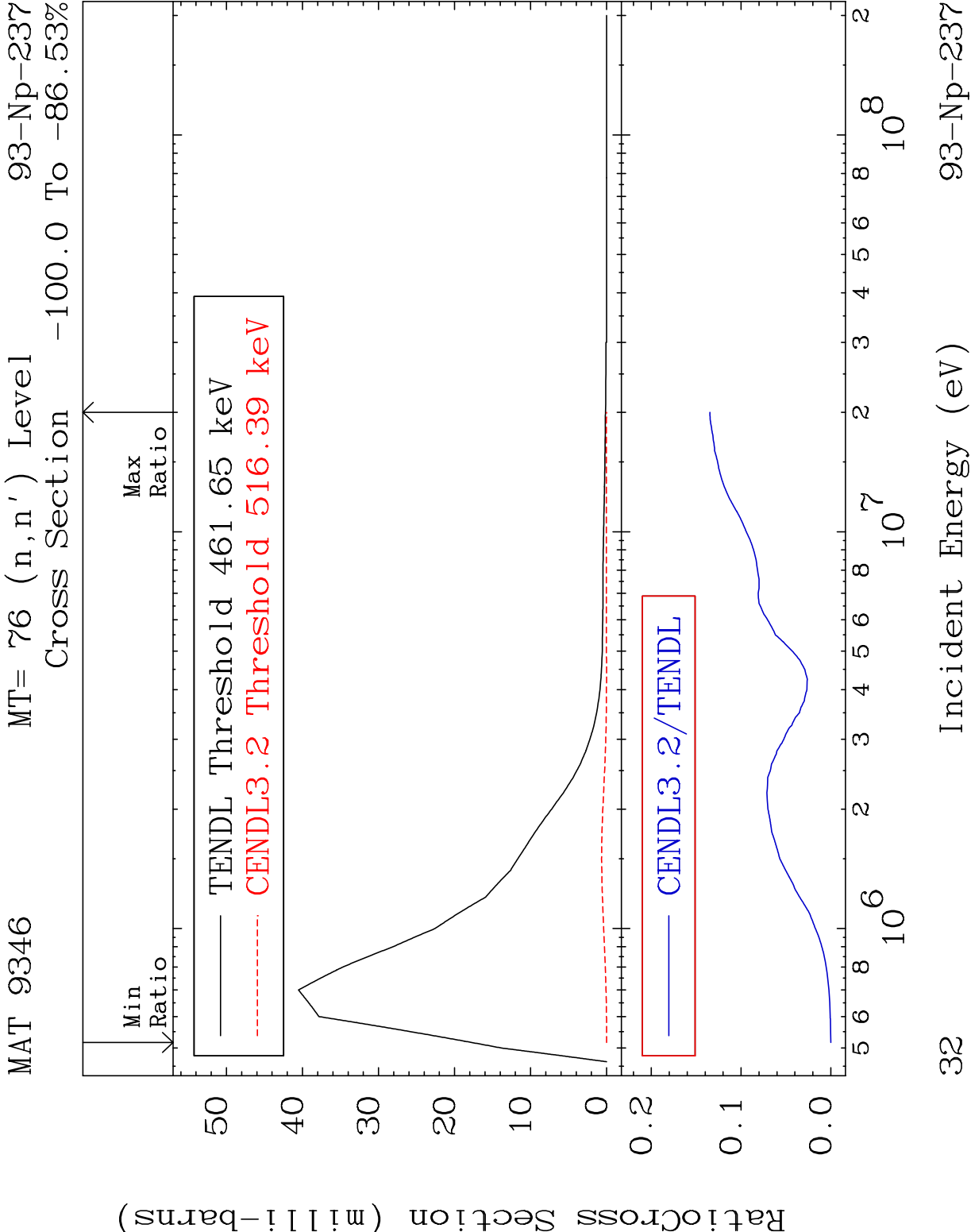


MAT 9346 MT= 74 (n,n') Level 93-Np-237
Cross Section -100.0 To 9999. %

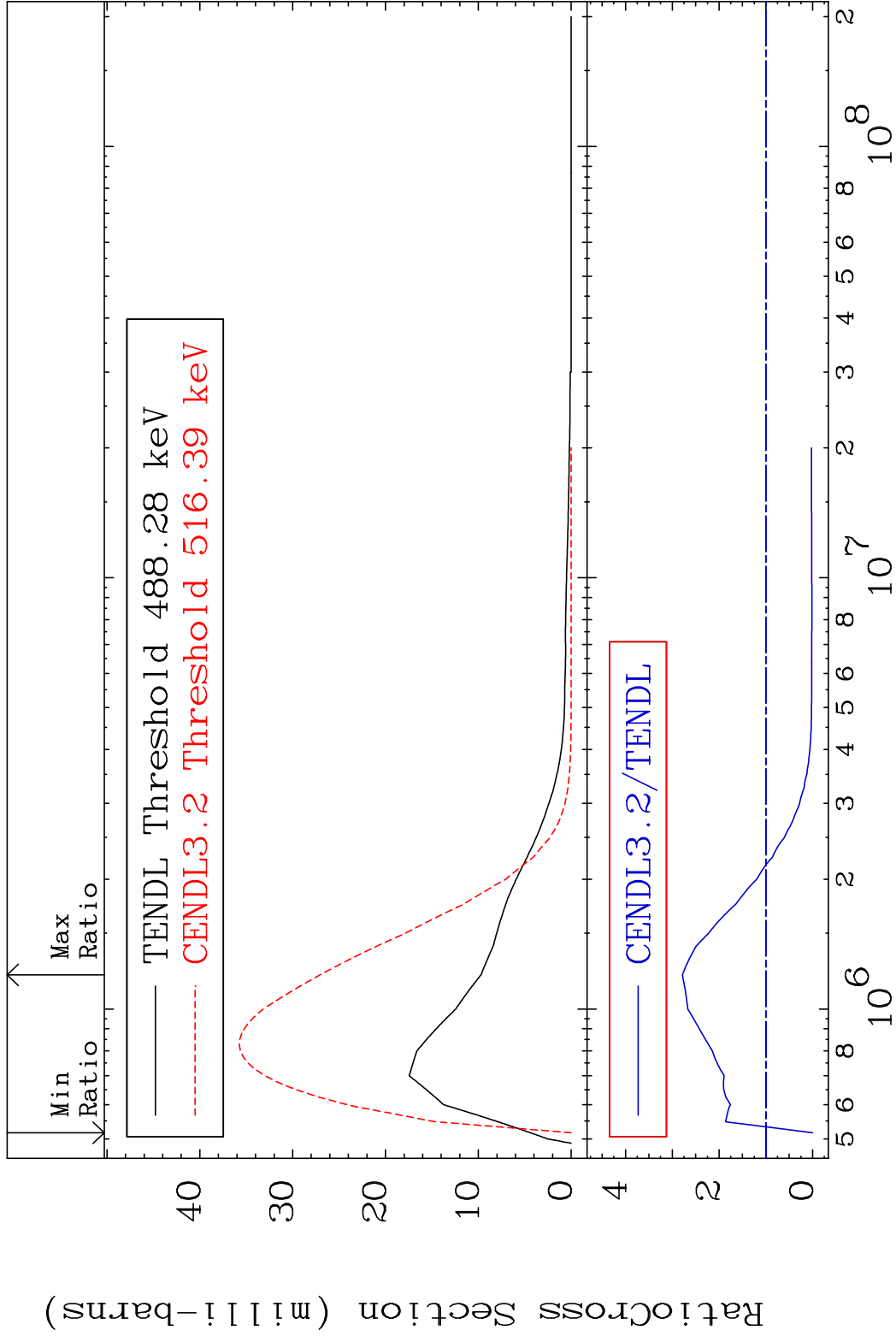


30 Incident Energy (eV) 93-Np-237

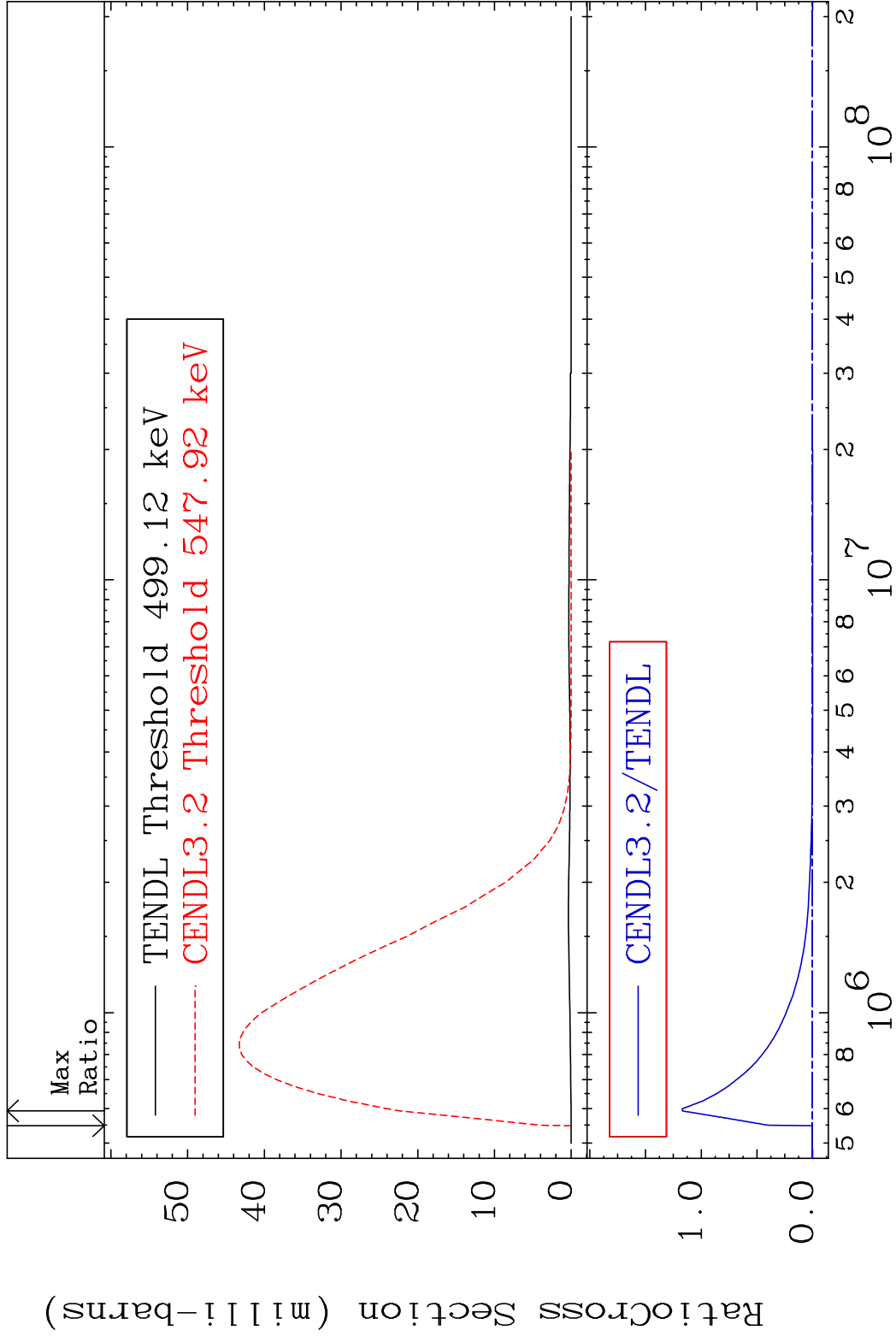




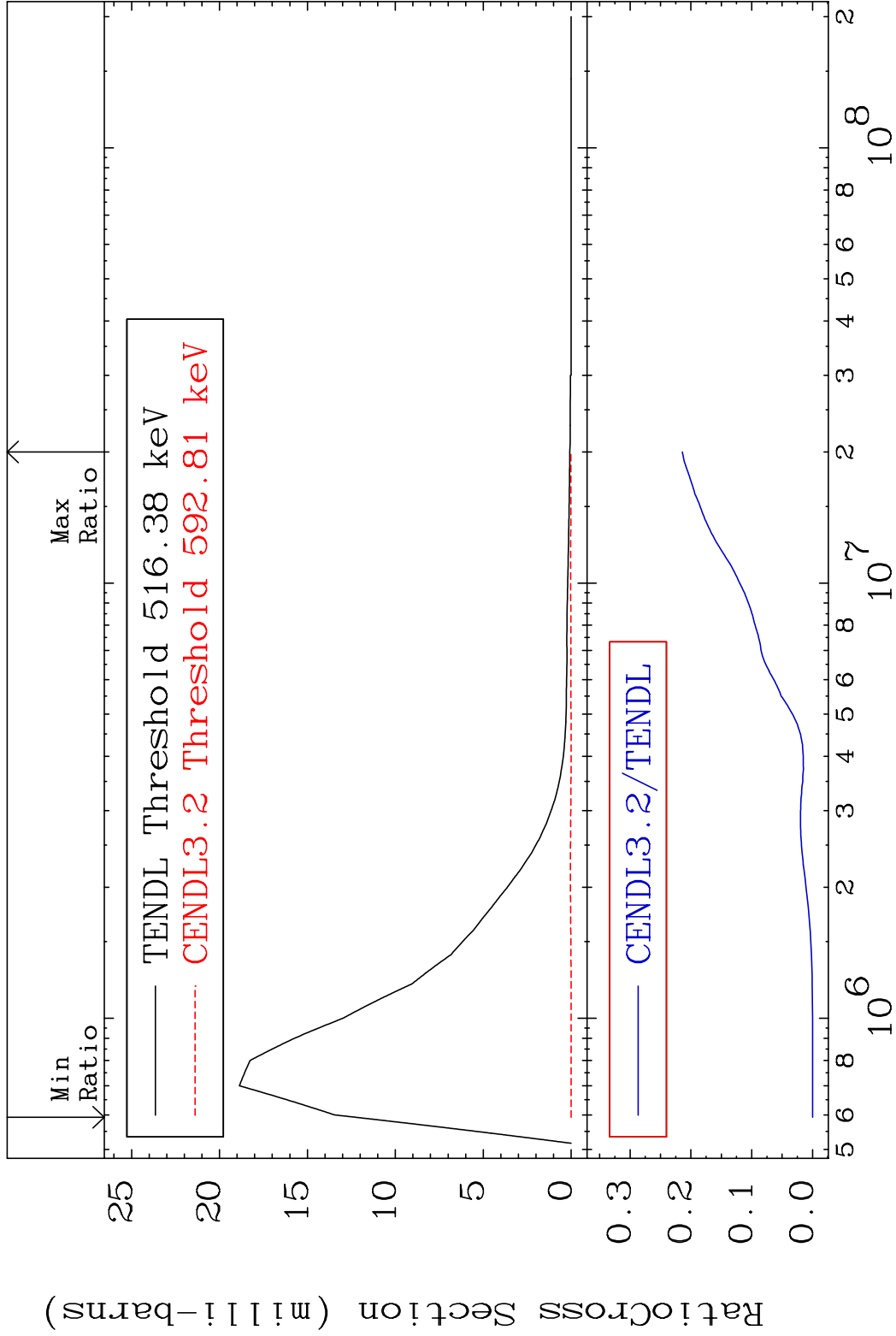
MAT 9346 MT= 77 (n,n') Level 93-Np-237
Cross Section -100.0 To 178.5 %

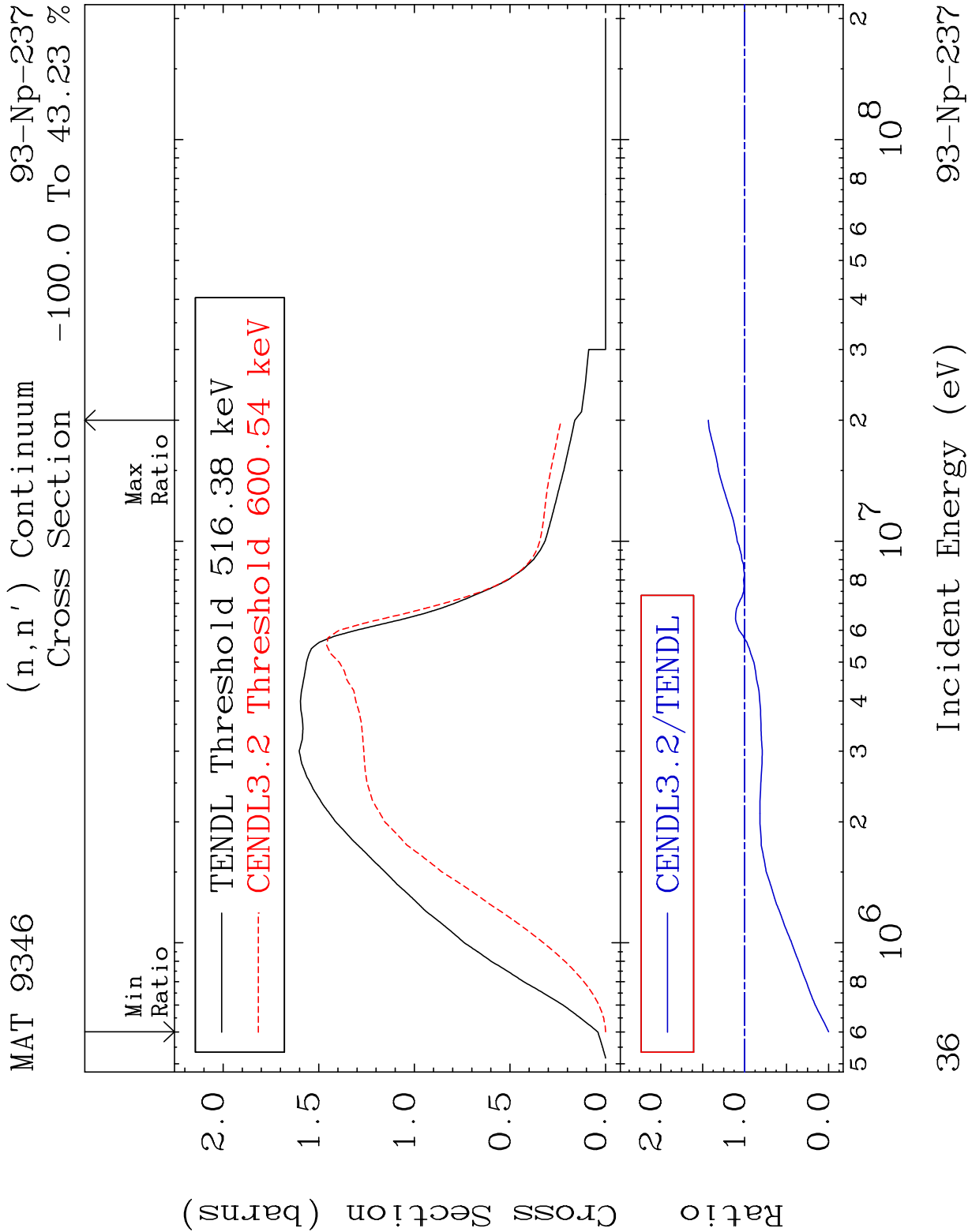


MAT 9346 MT= 78 (n,n') Level 93-Np-237
Cross Section -100.0 To 9999. %



MAT 9346 MT= 79 (n,n') Level 93-Np-237
Cross Section -100.0 To -78.59%



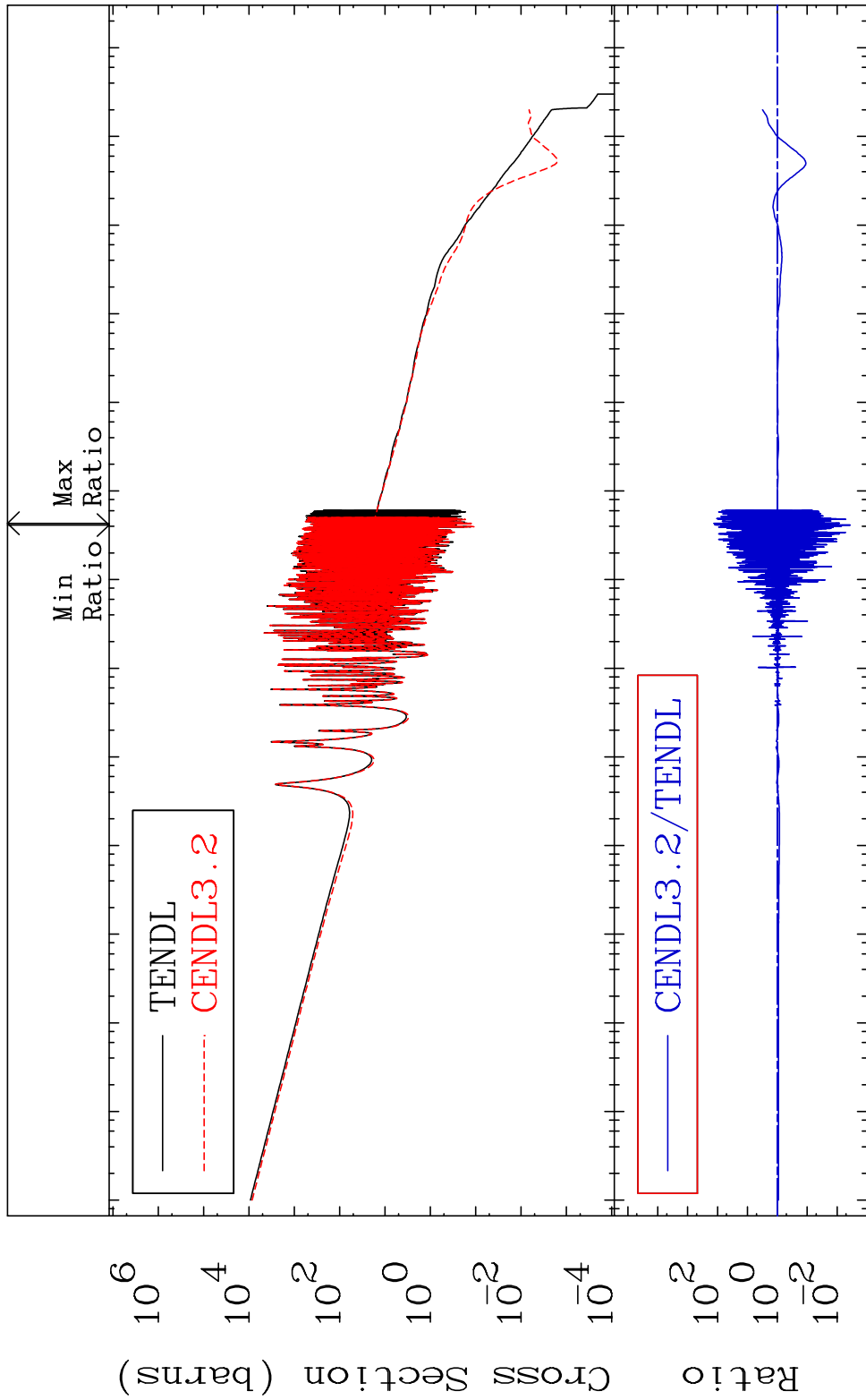


MAT 9346

(n, γ)

93-Np-237

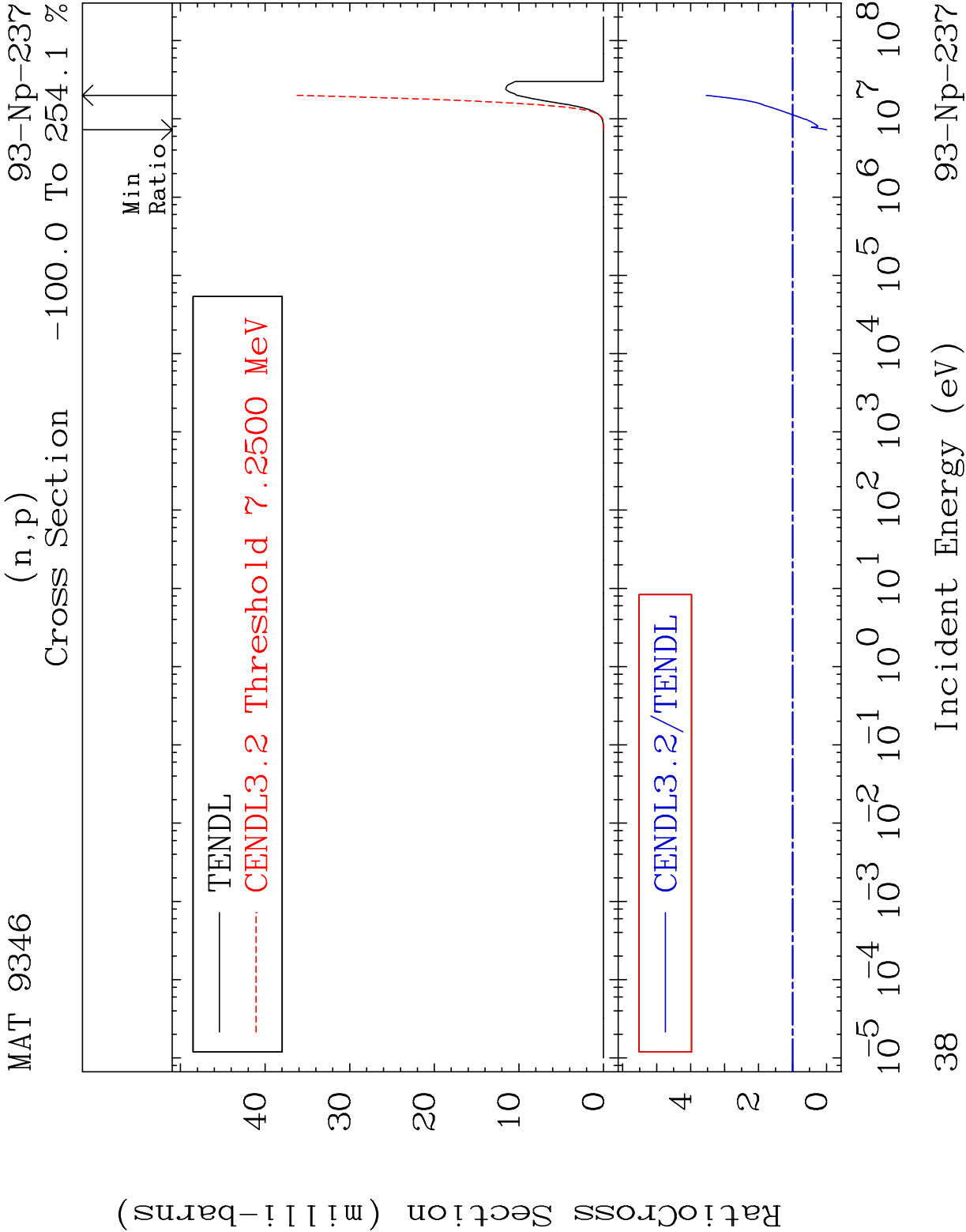
Cross Section -99.64 To 9999. %

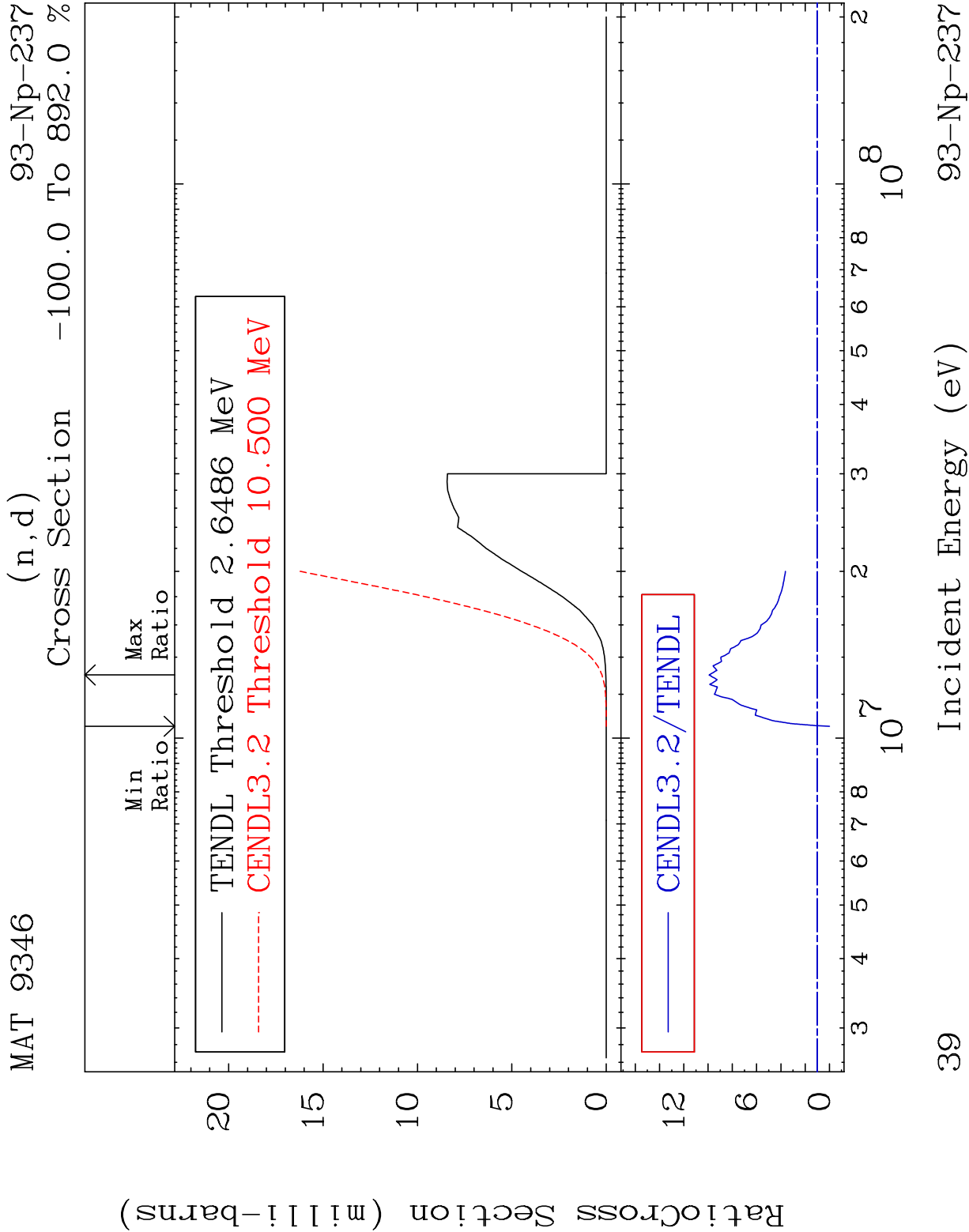


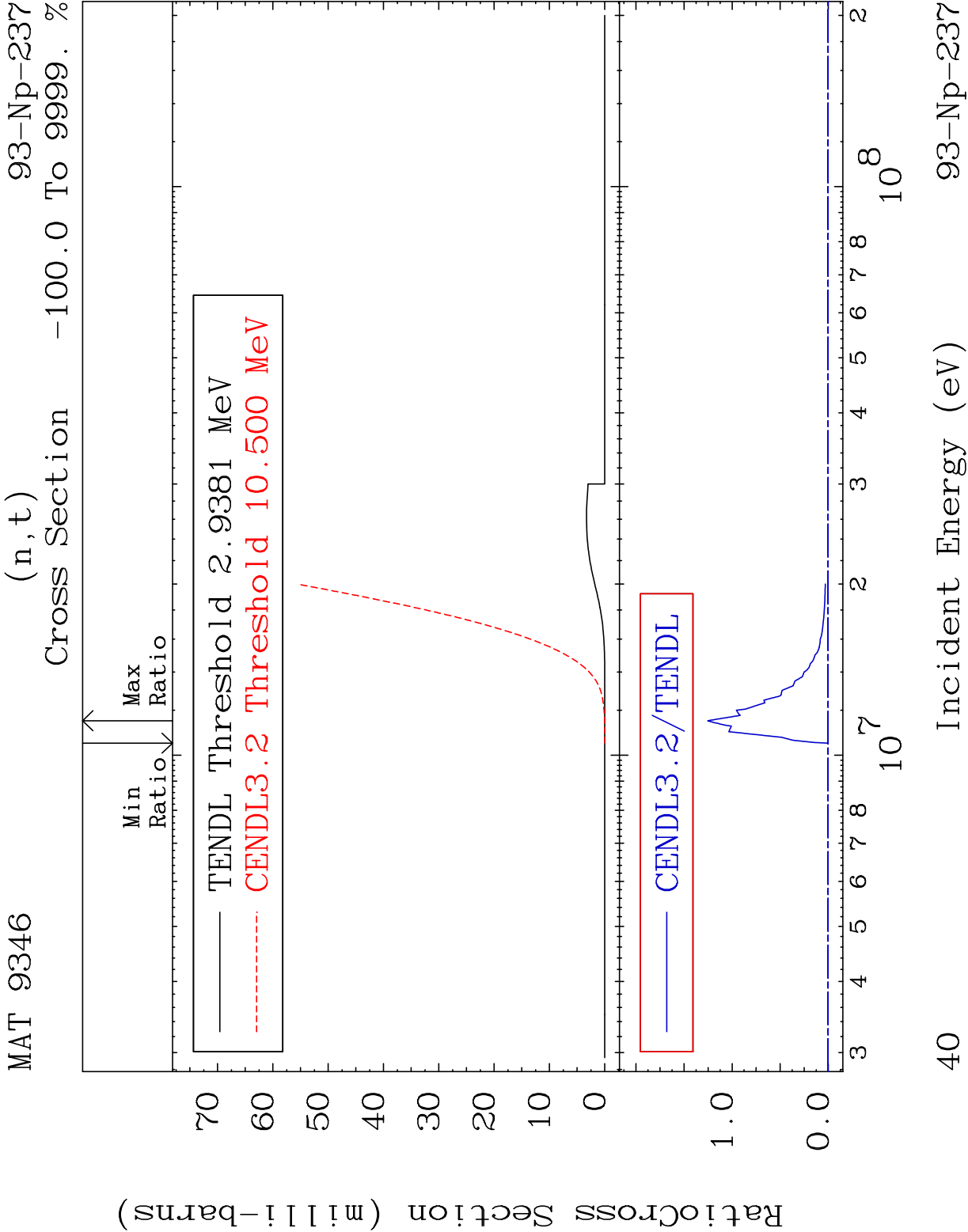
37

Incident Energy (eV)

93-Np-237



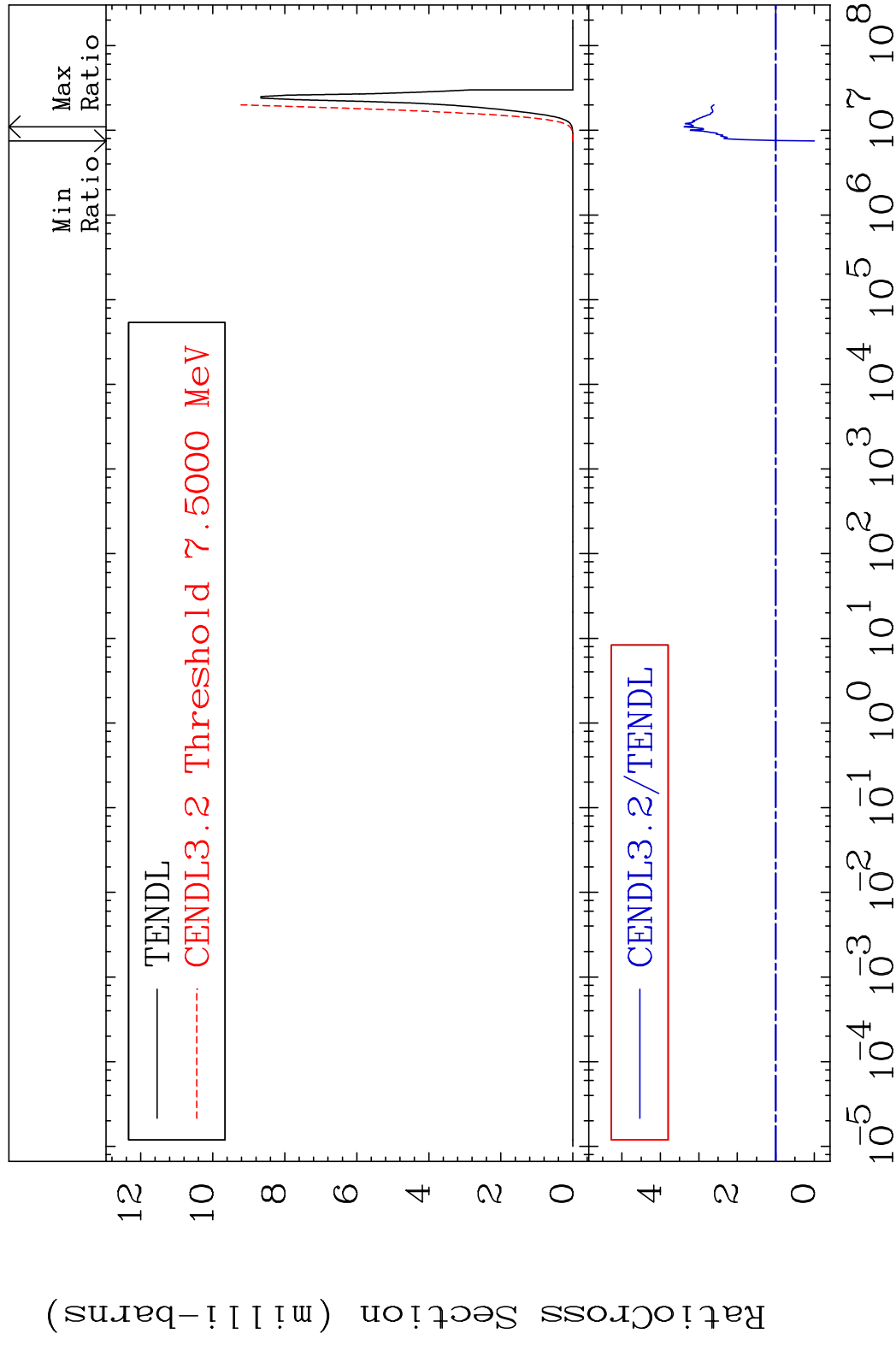


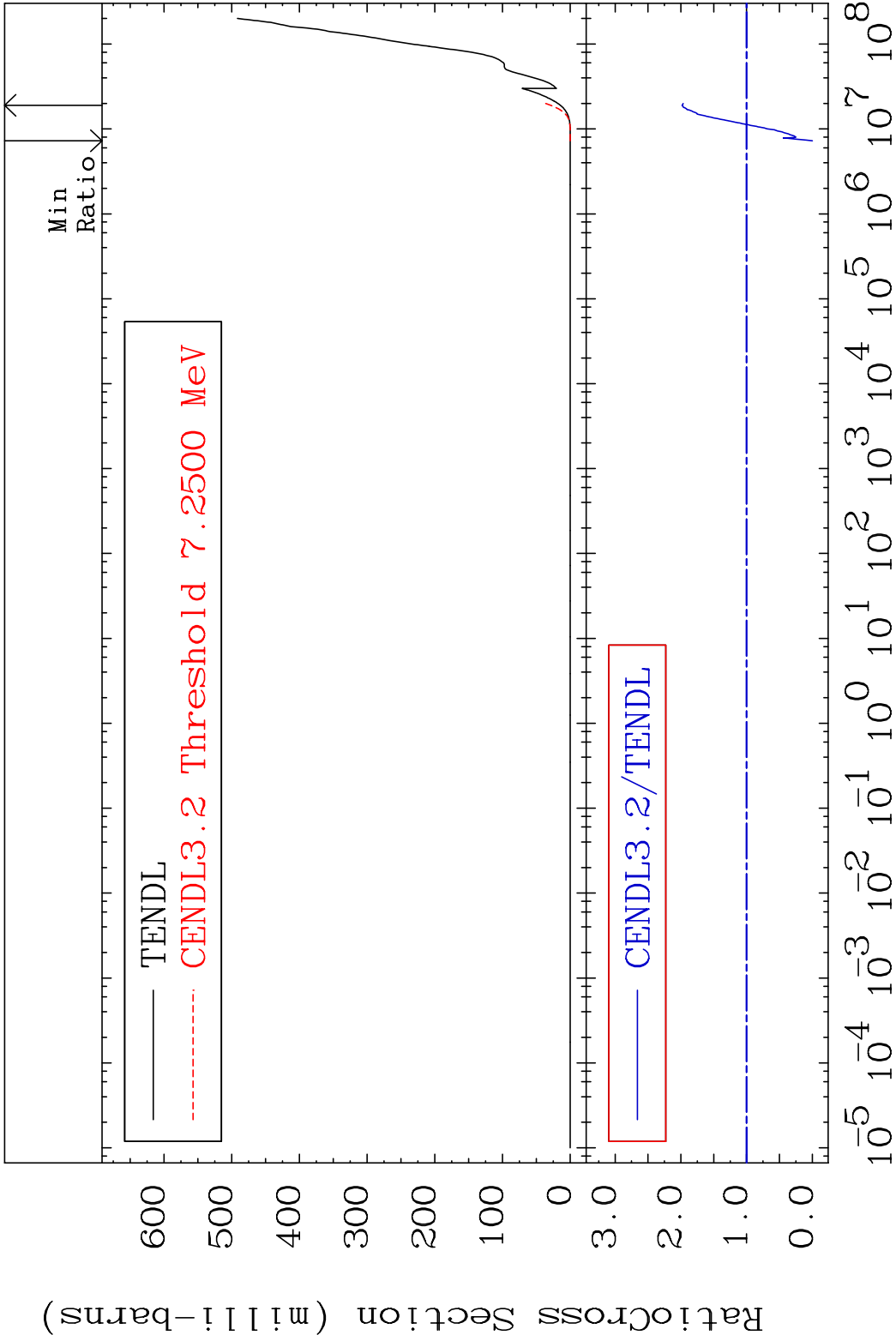


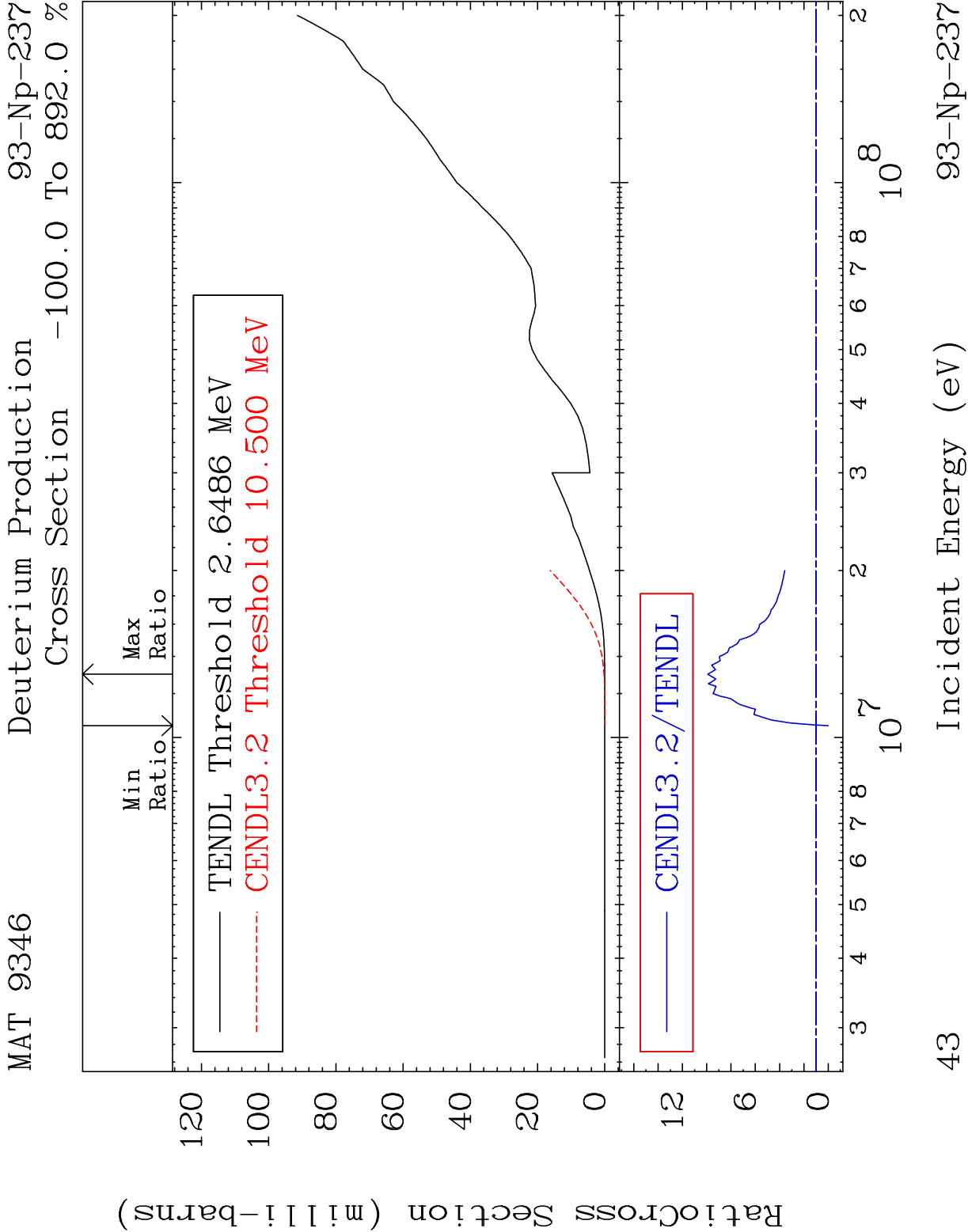
MAT 9346

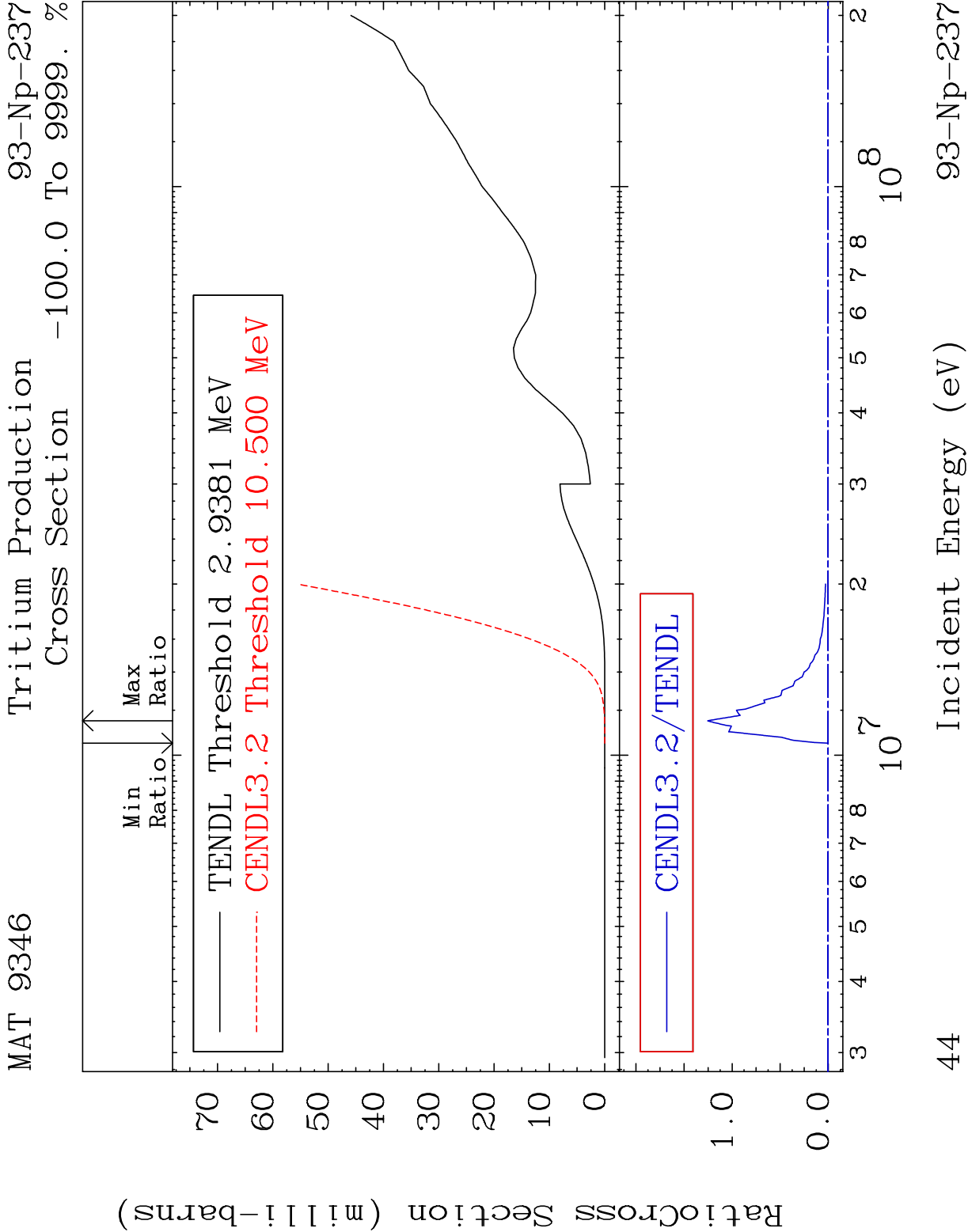
$$(n, \alpha)$$
 $93\text{-Np-}237$

Cross Section	-100.0 To 238.4 %



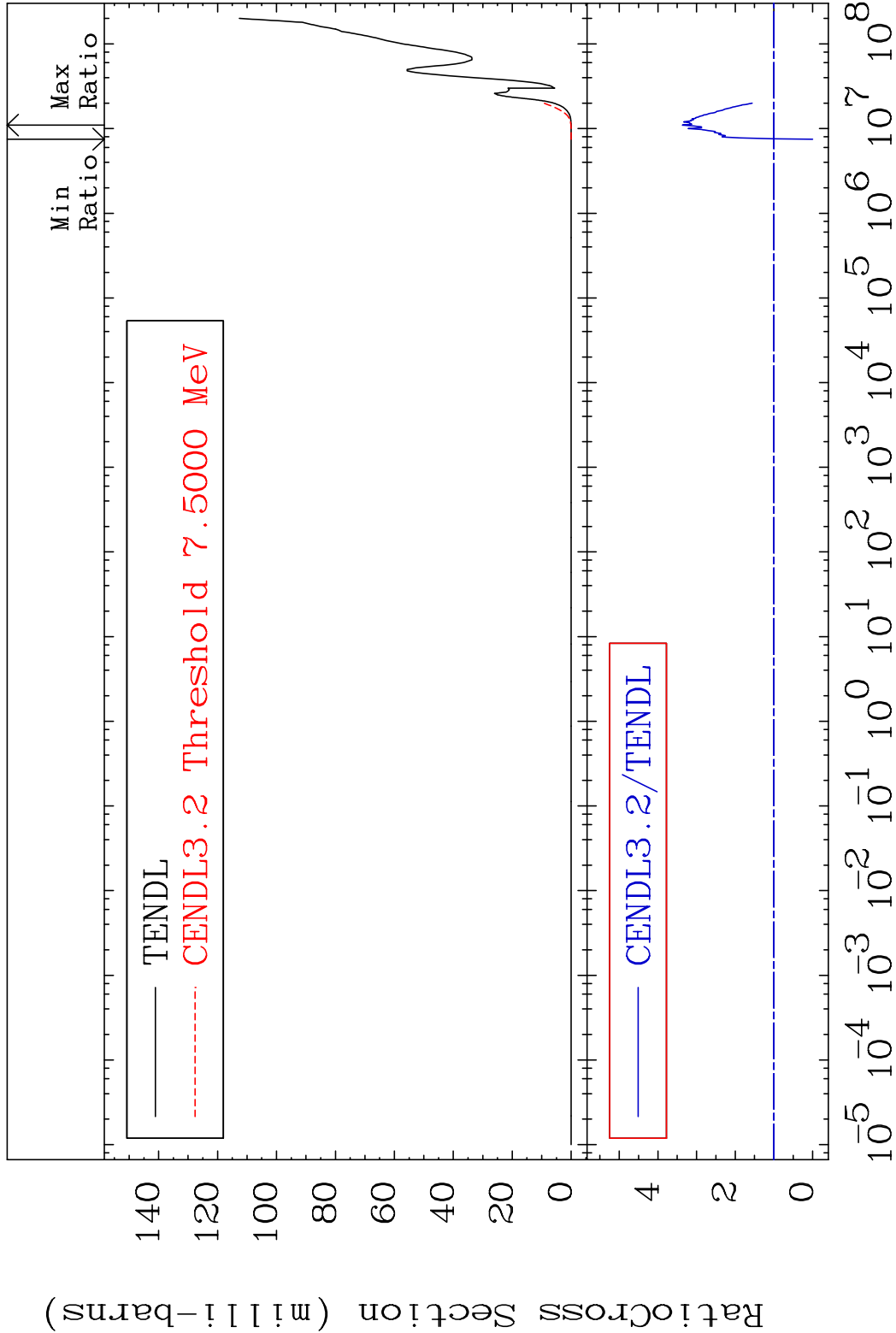






44

MAT 9346 He-4 Production 93-Np-237
Cross Section -100.0 To 236.7 %



45 Incident Energy (eV) 93-Np-237

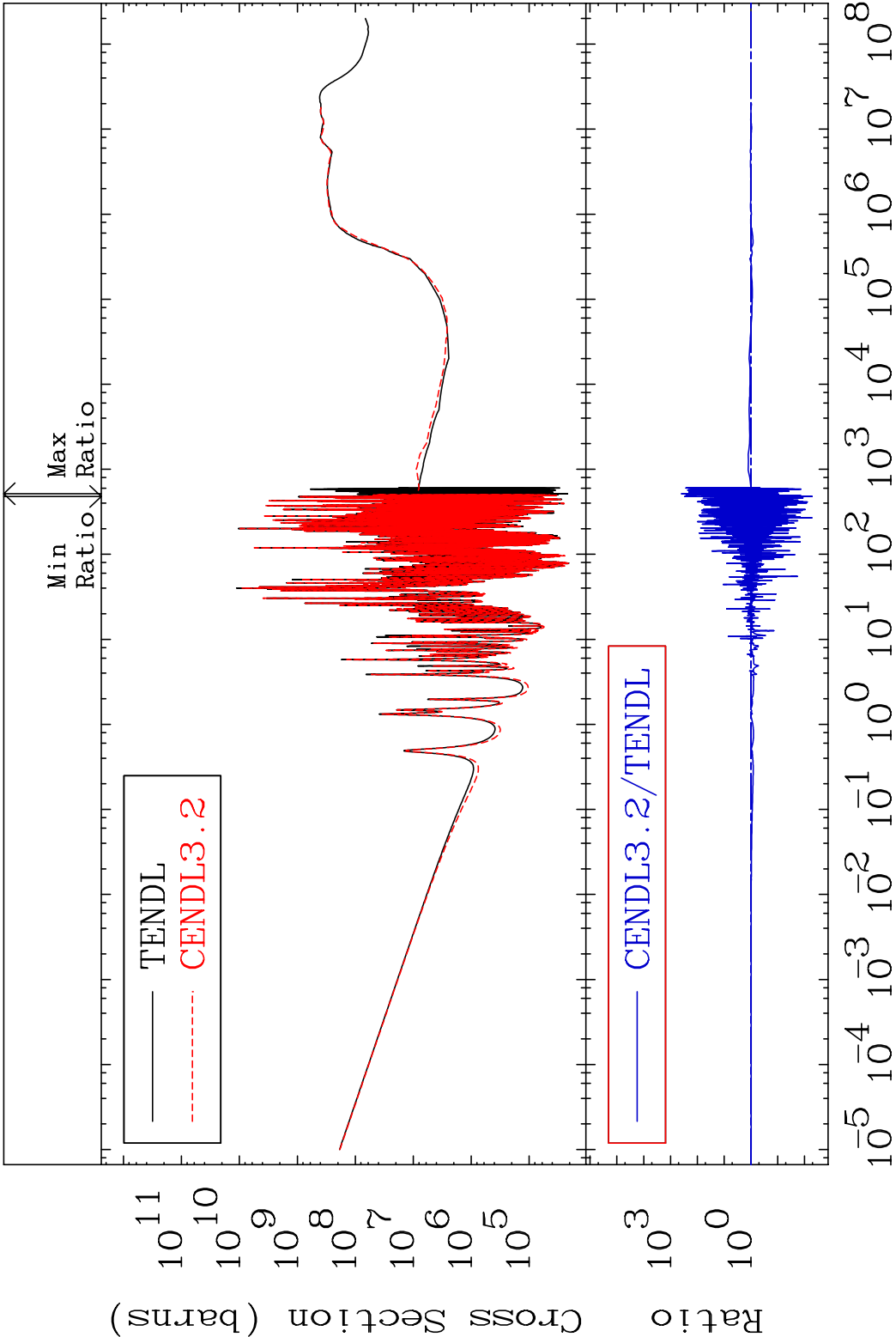
MAT 9346

Kerma total (eV-barns)

93-Np-237

Cross Section

-99.48 To 9999. %



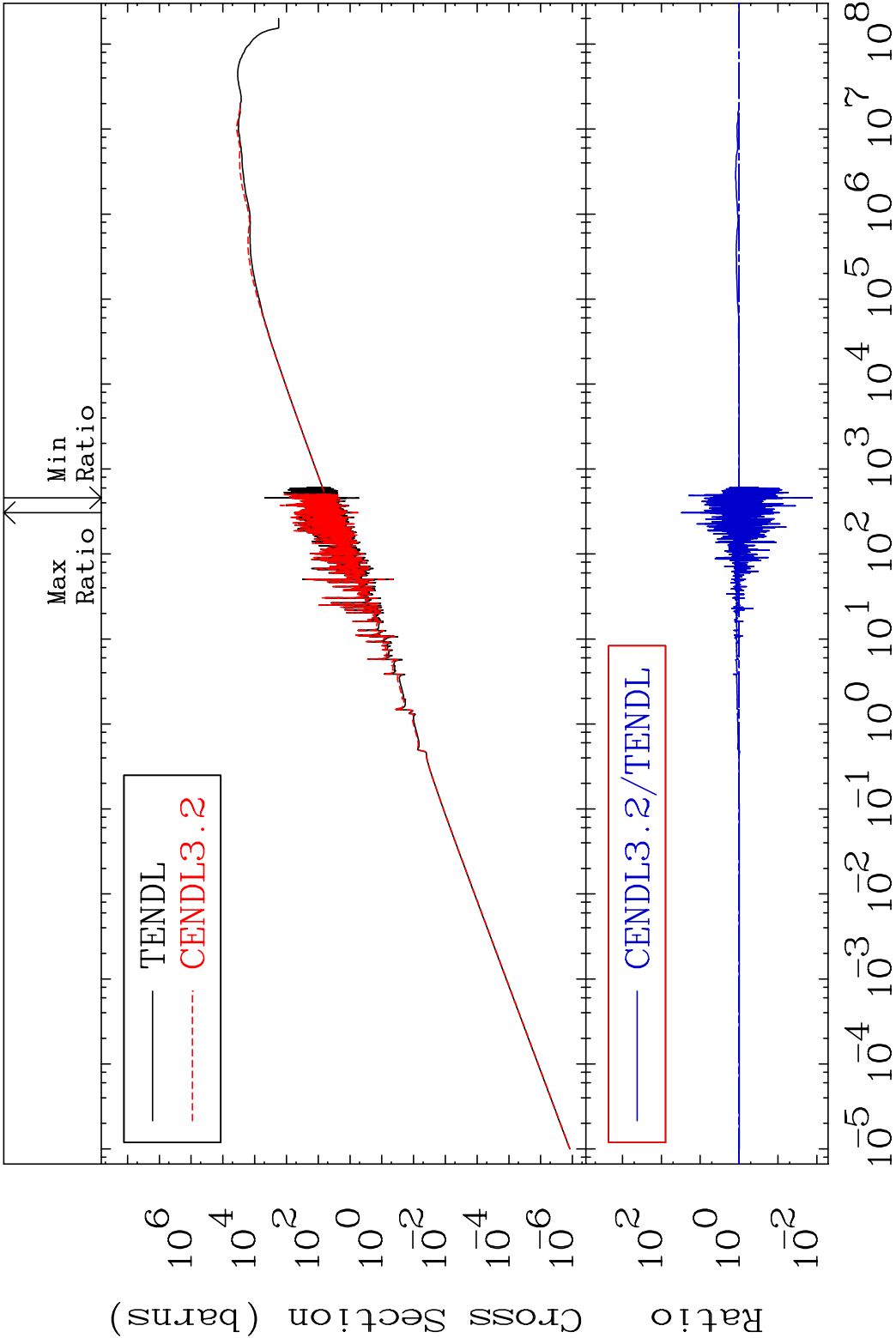
MAT 9346

Kerma elastic

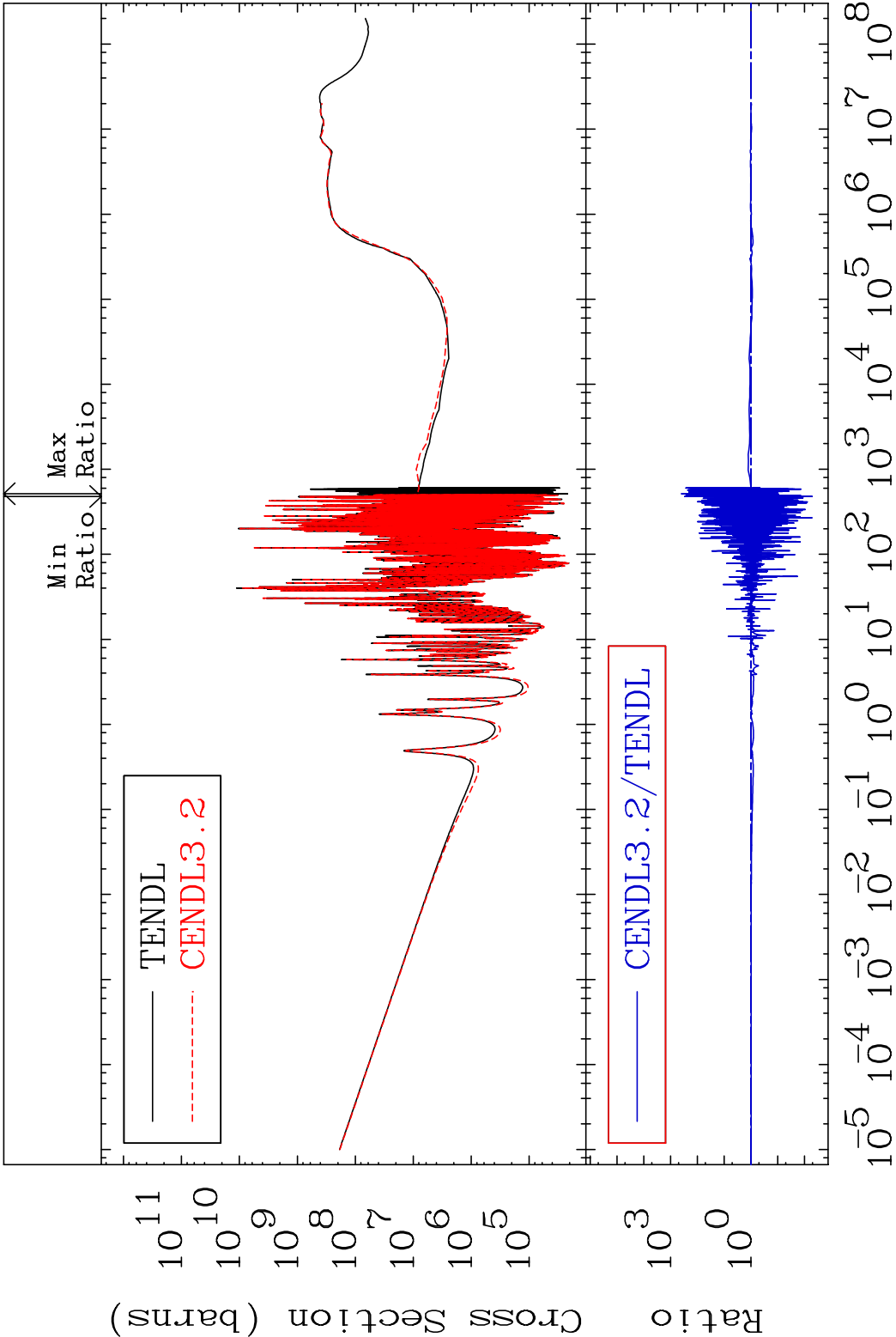
Cross Section

-98.69 To 2921. %

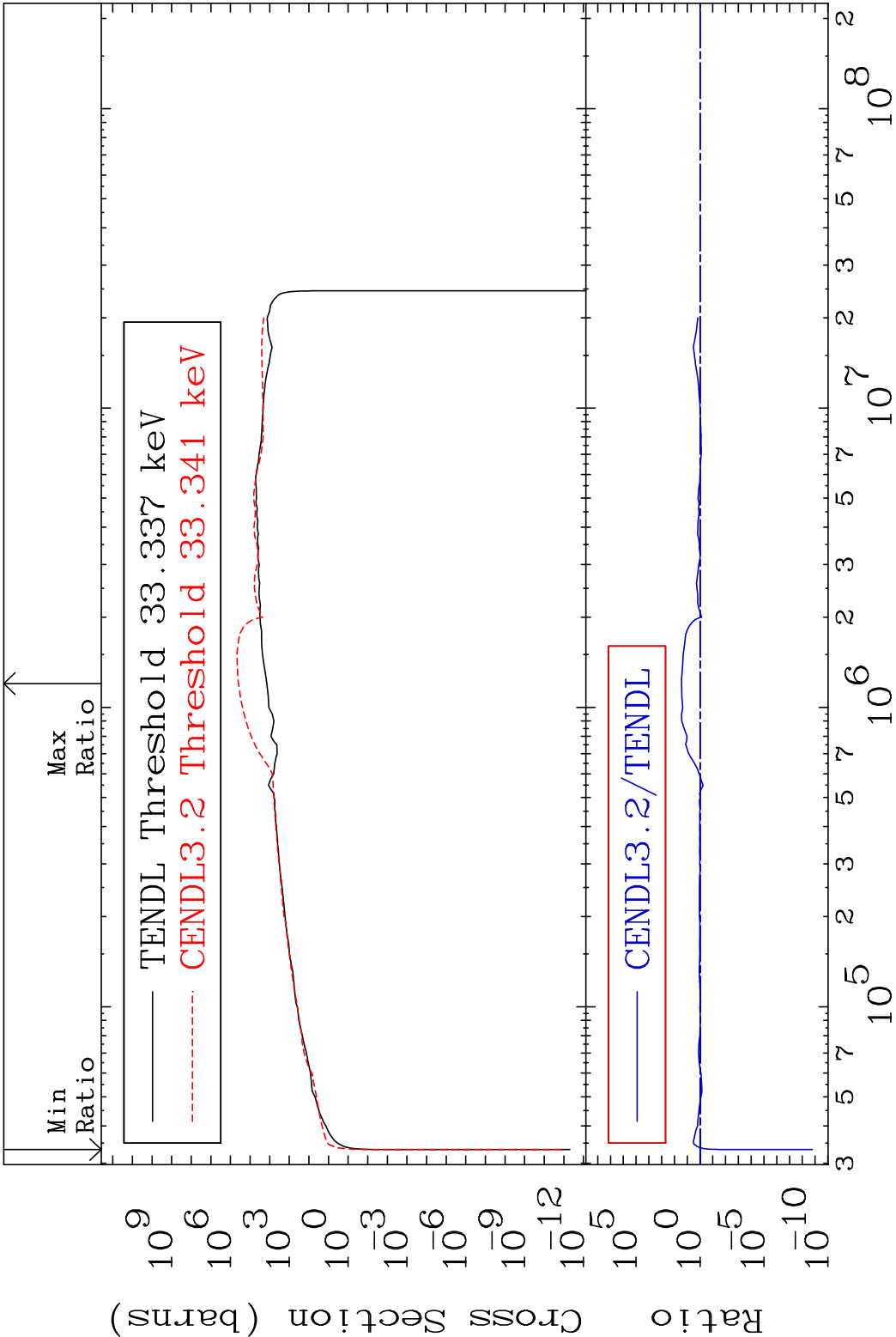
93-Np-237



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

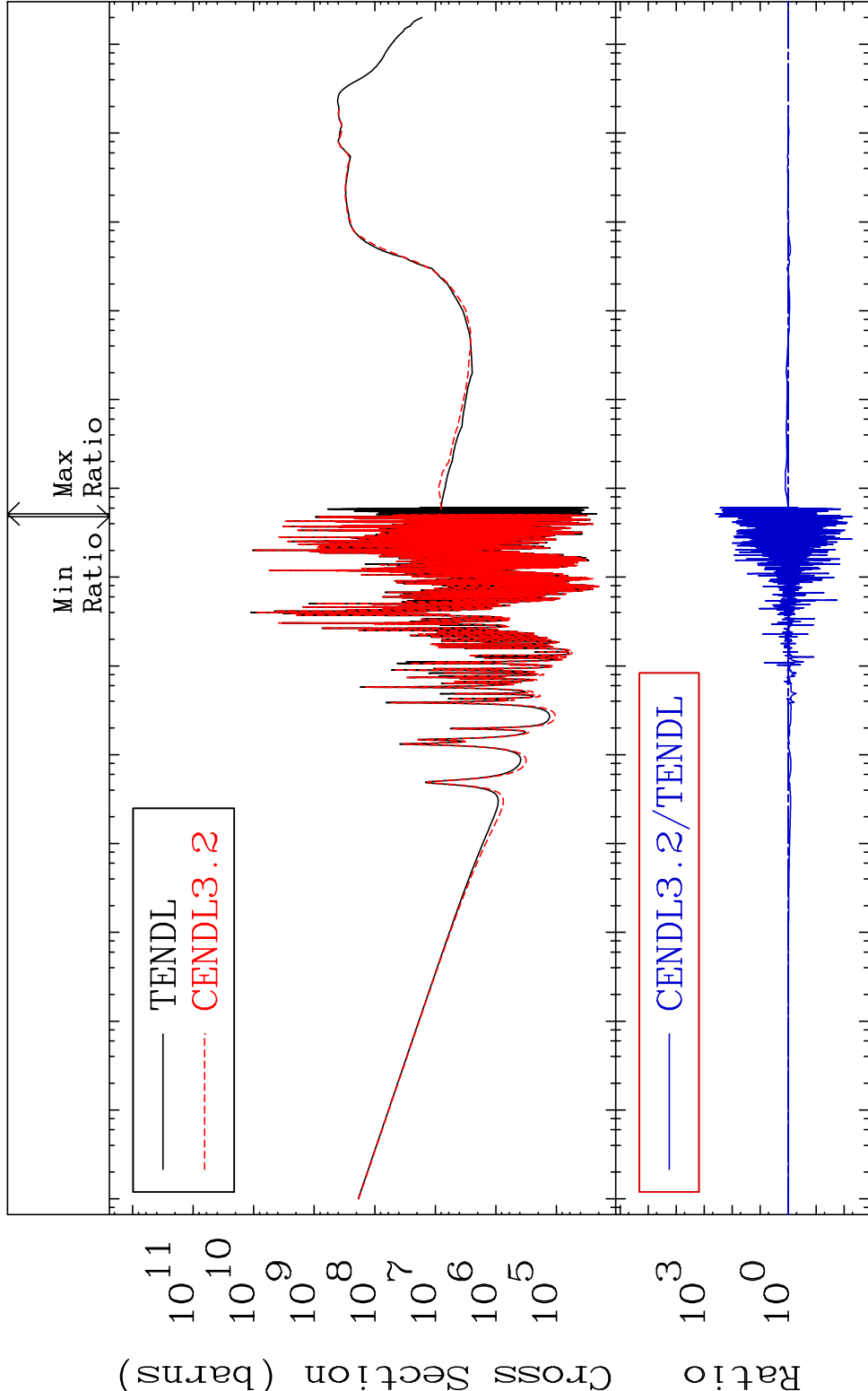


48 Incident Energy (eV) 93-Np-237

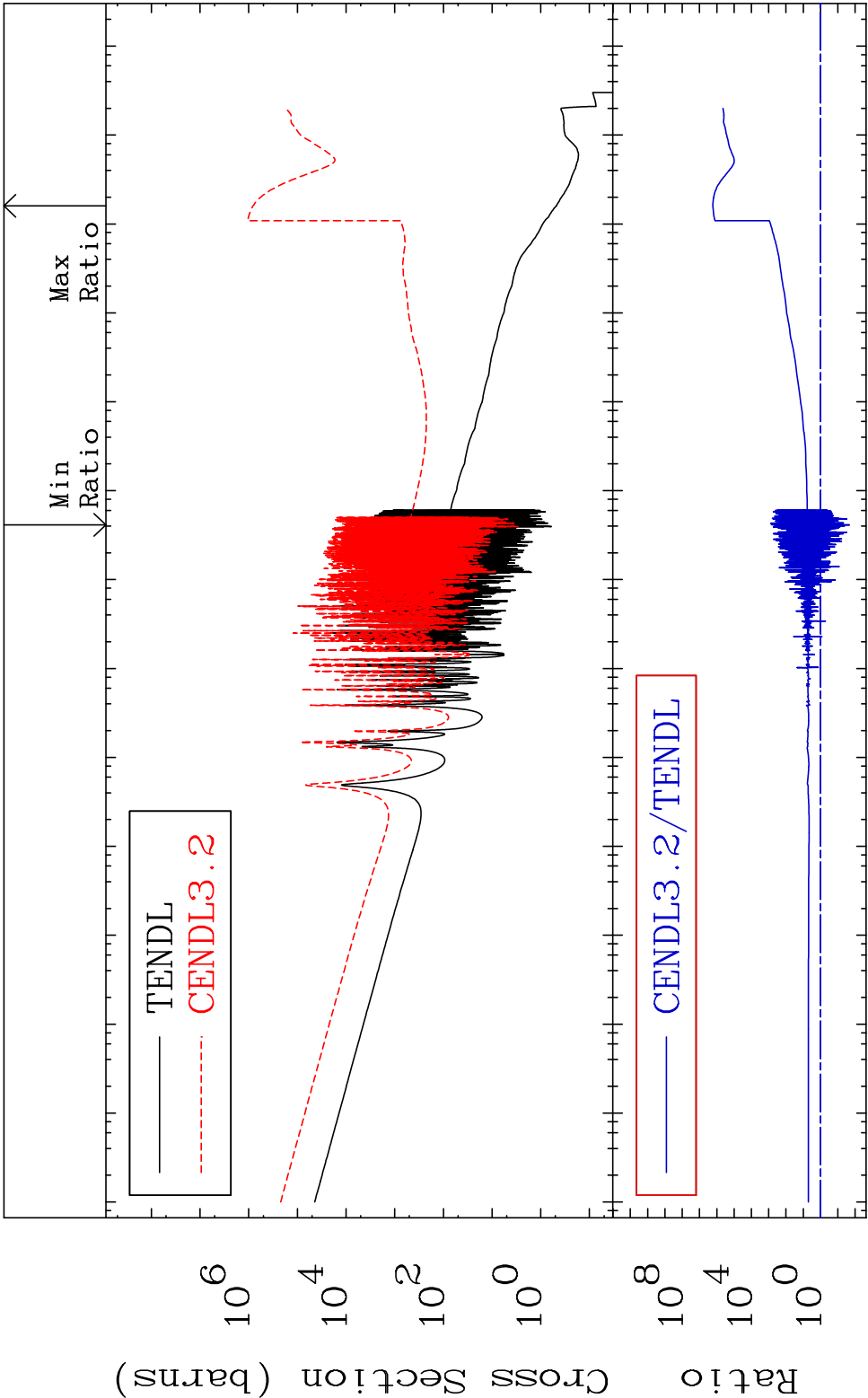


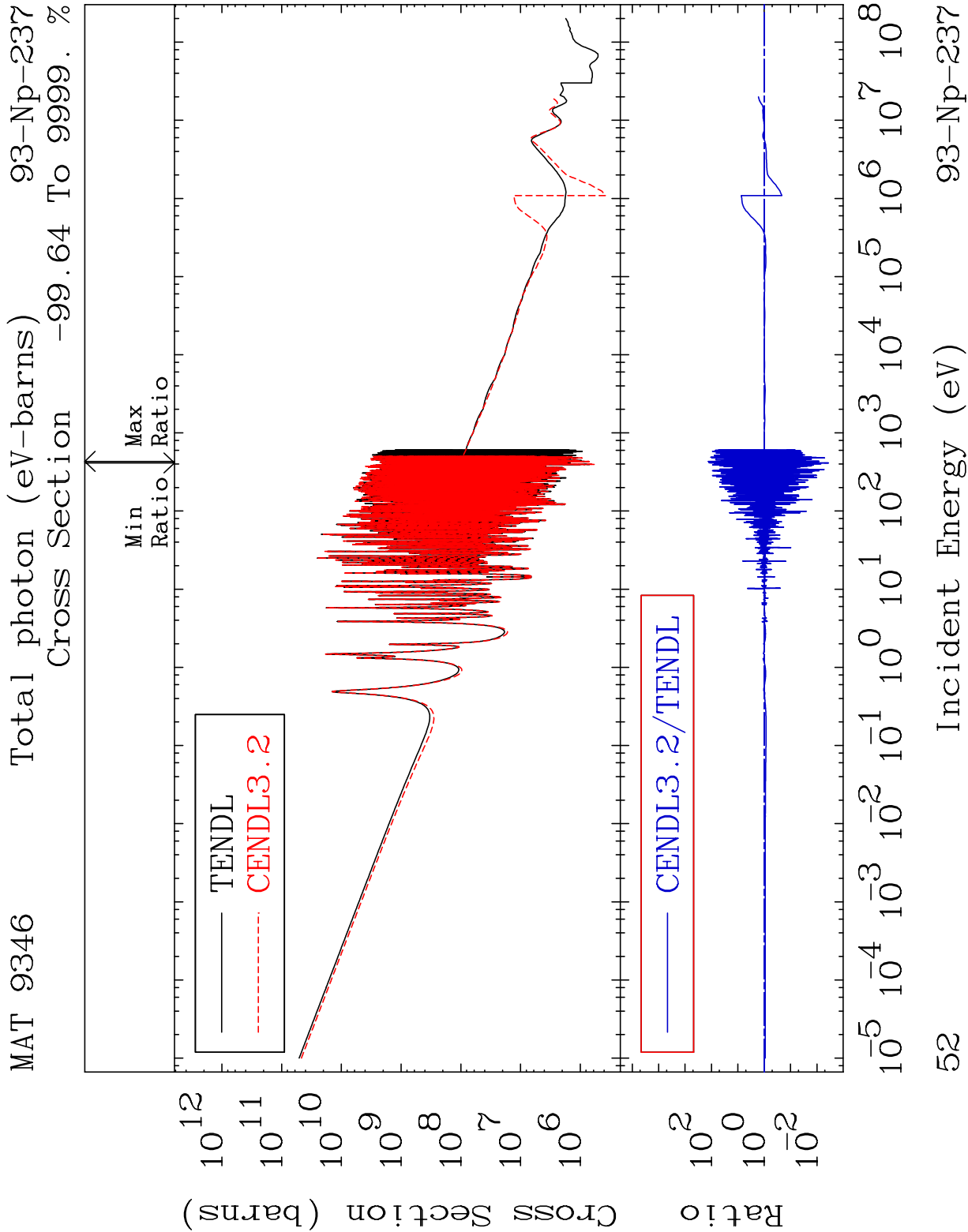
MAT 9346 Kerma fission (mt18 or mt19-20-21-38) 93-Np-237

Cross Section -99.48 To 9999. %

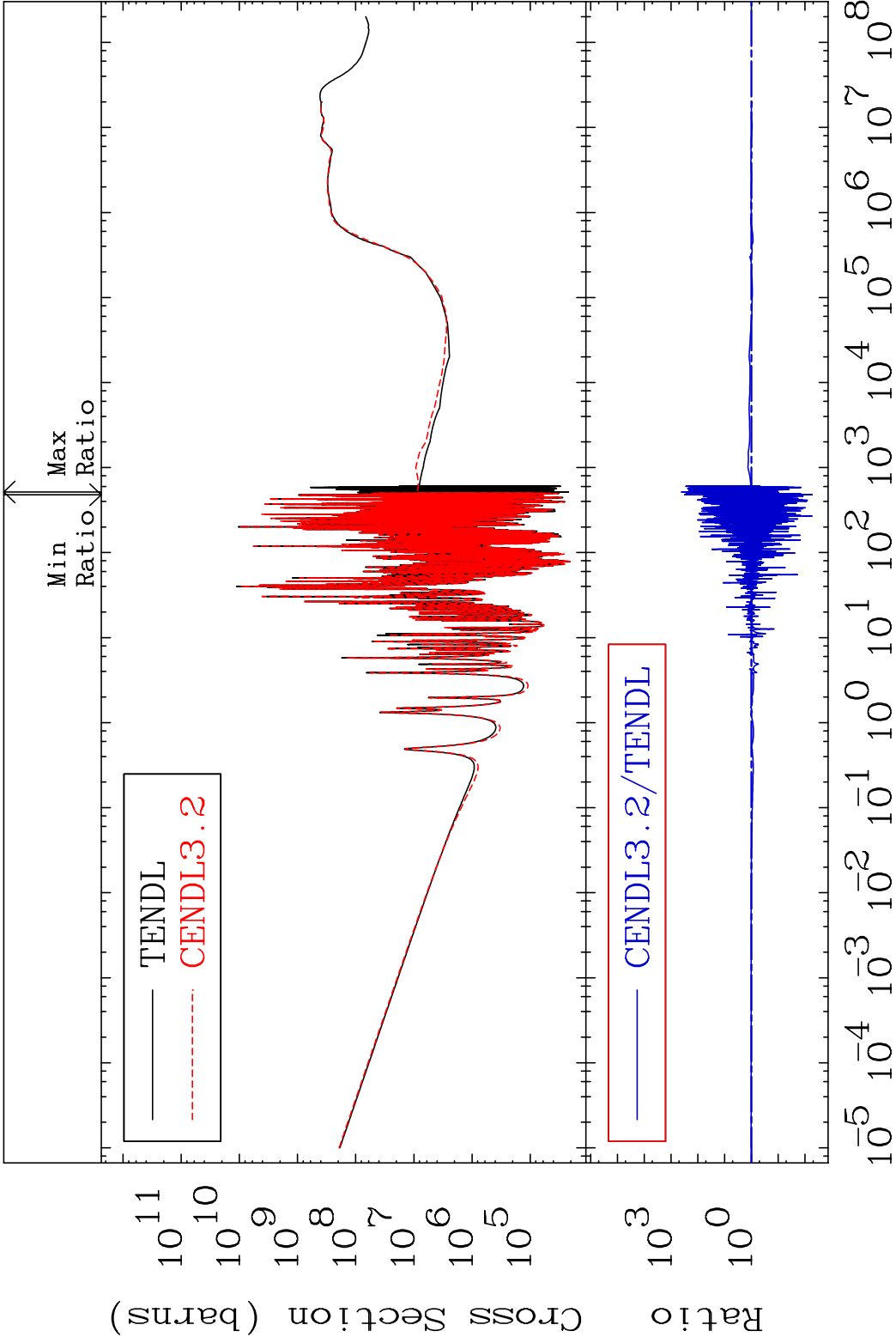


50 Incident Energy (eV) 93-Np-237





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



53 Incident Energy (eV) 93-Np-237

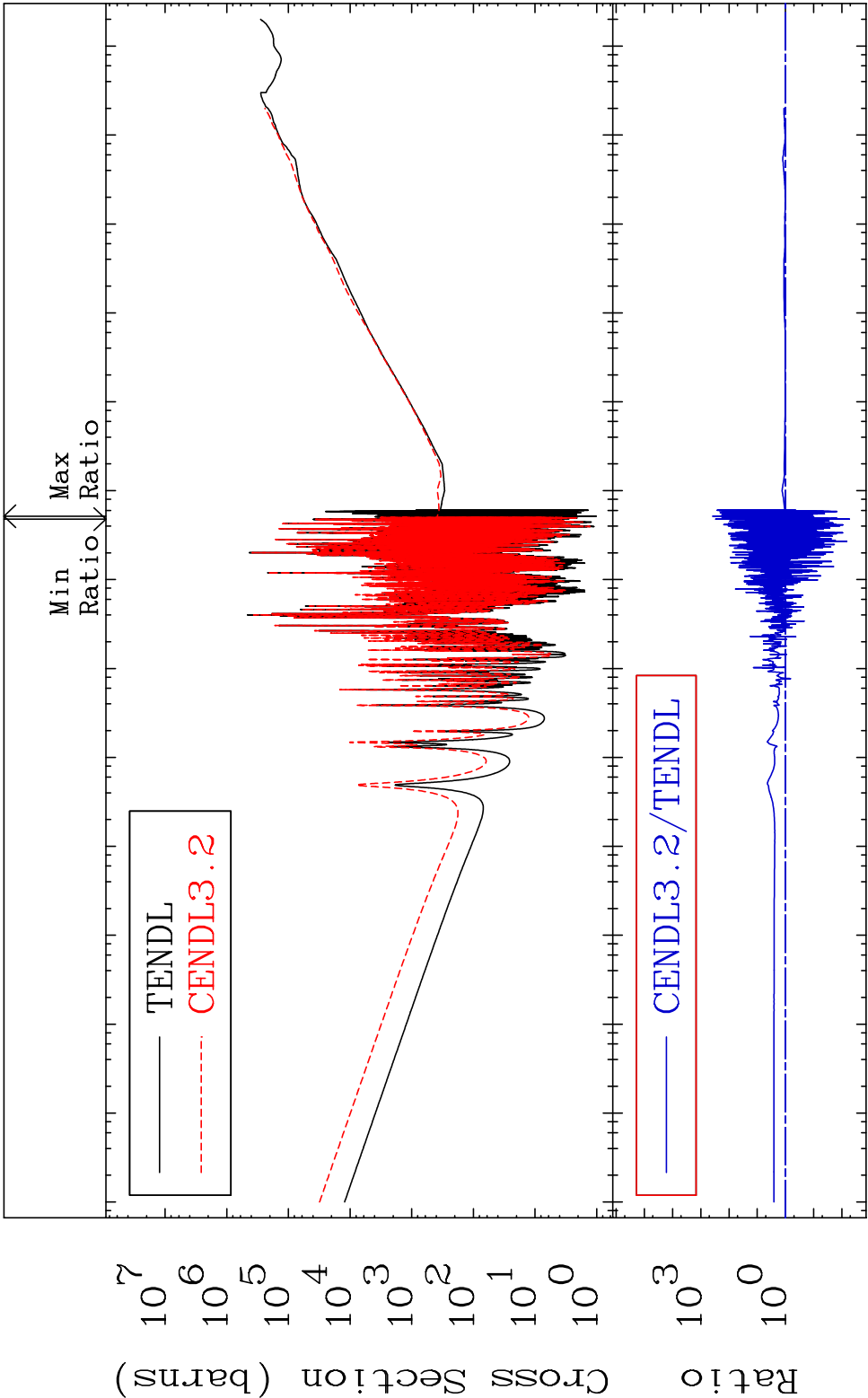
MAT 9346

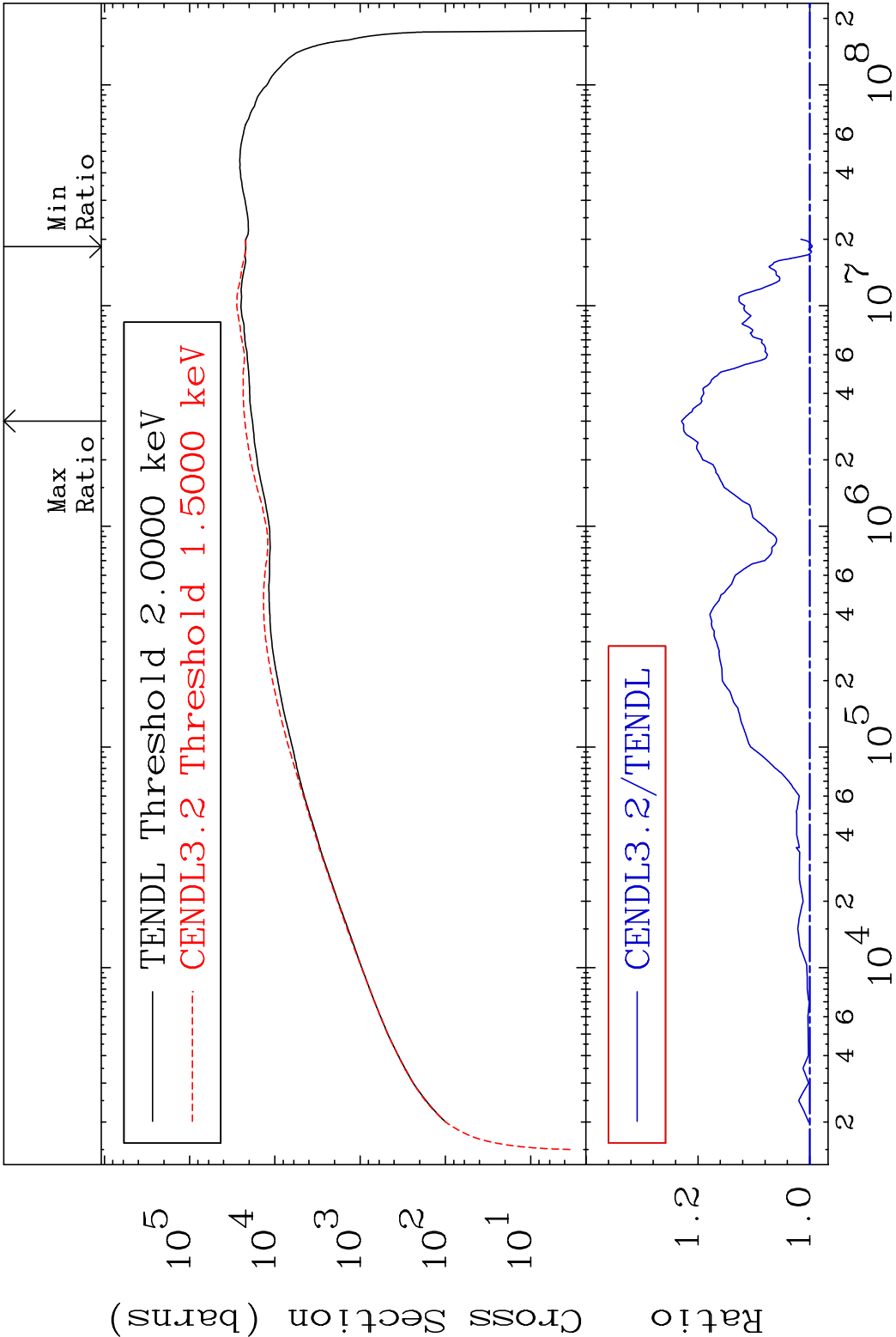
Dpa total (eV-barns)

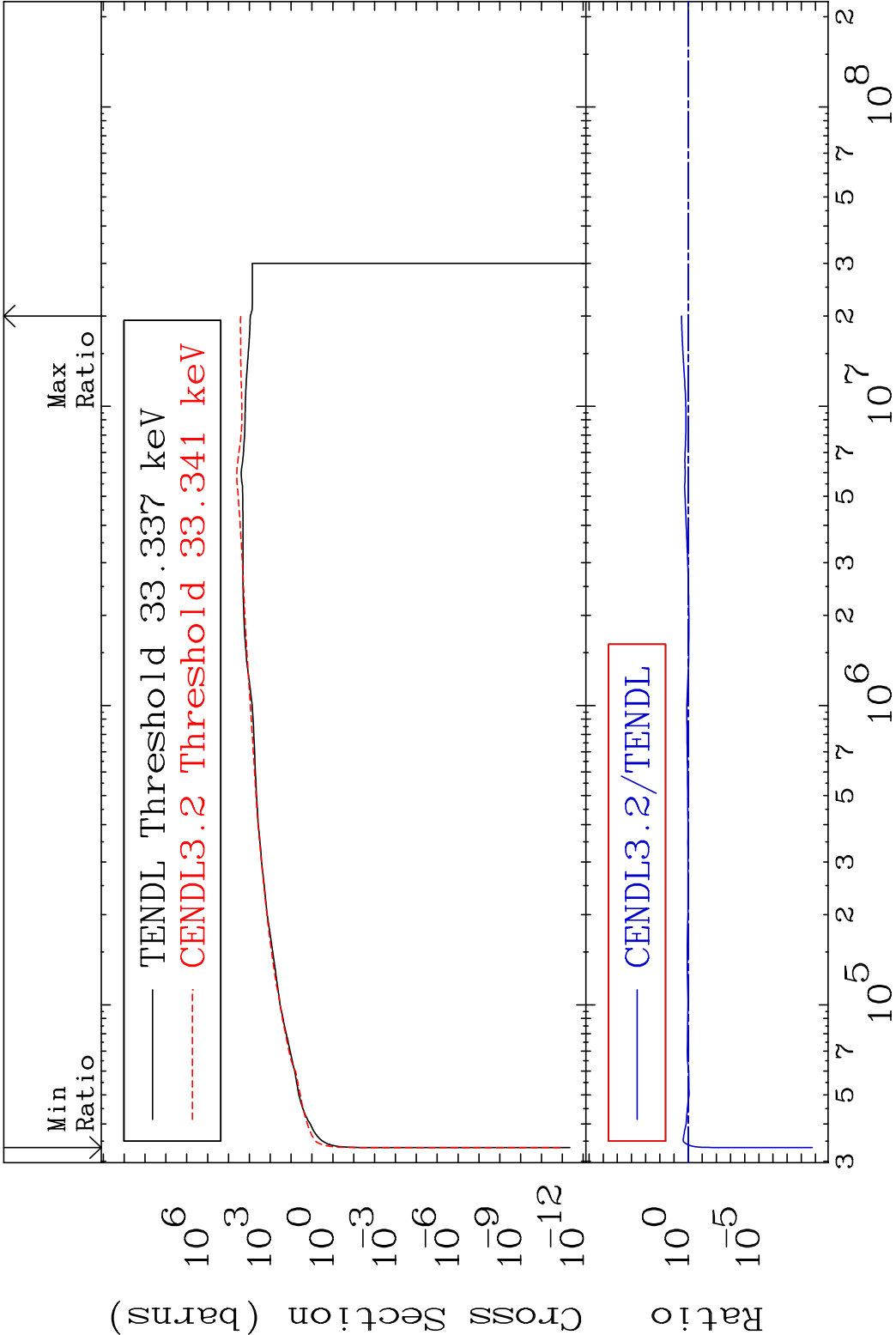
93-Np-237

Cross Section

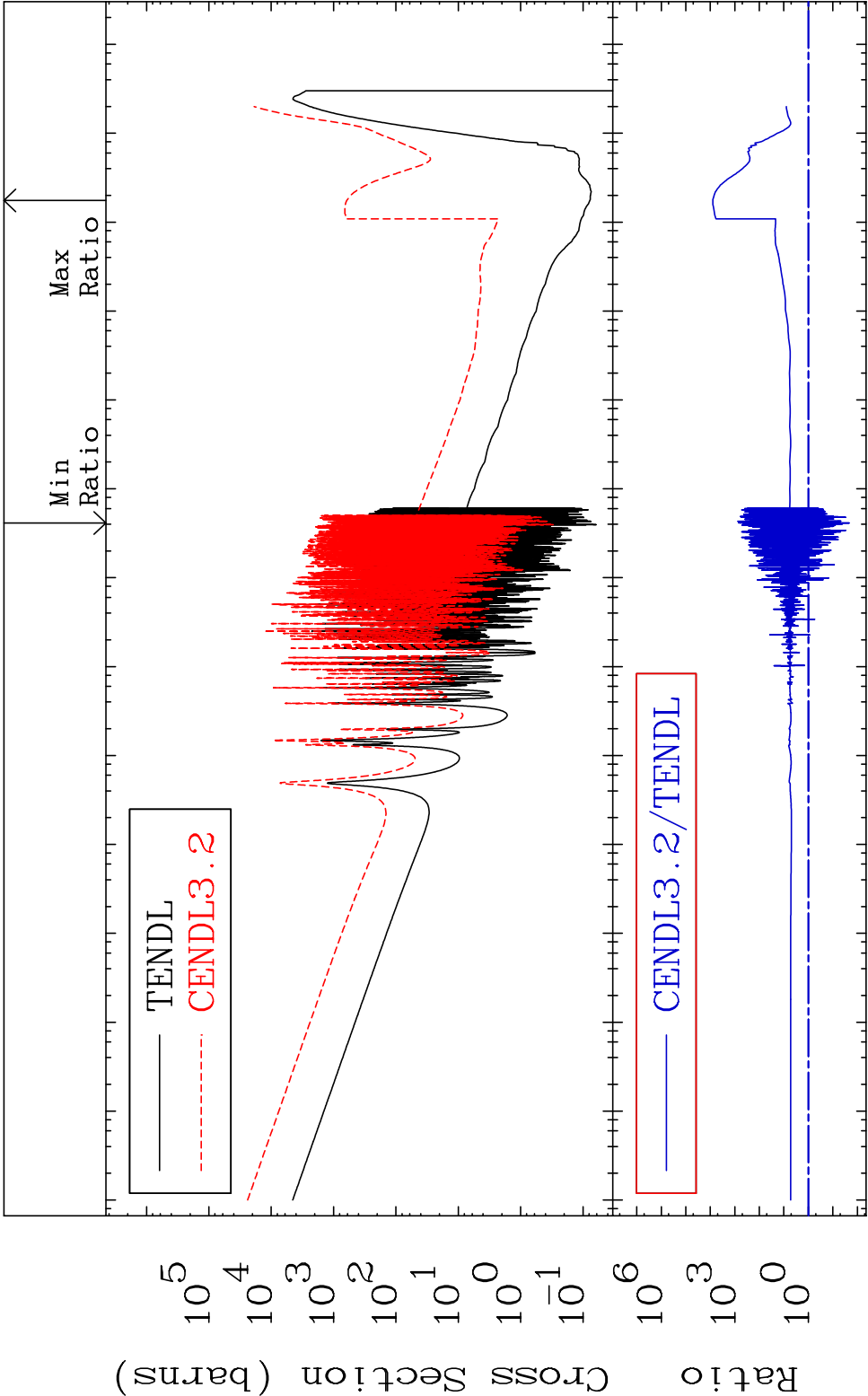
-99.46 To 9999. %







MAT 9346 Dpa disappearance (mt102 -120) 93-Np-237
Cross Section -97.91 To 9999. %



57 Incident Energy (eV) 93-Np-237