

Program Complot
(Version 2021-1)

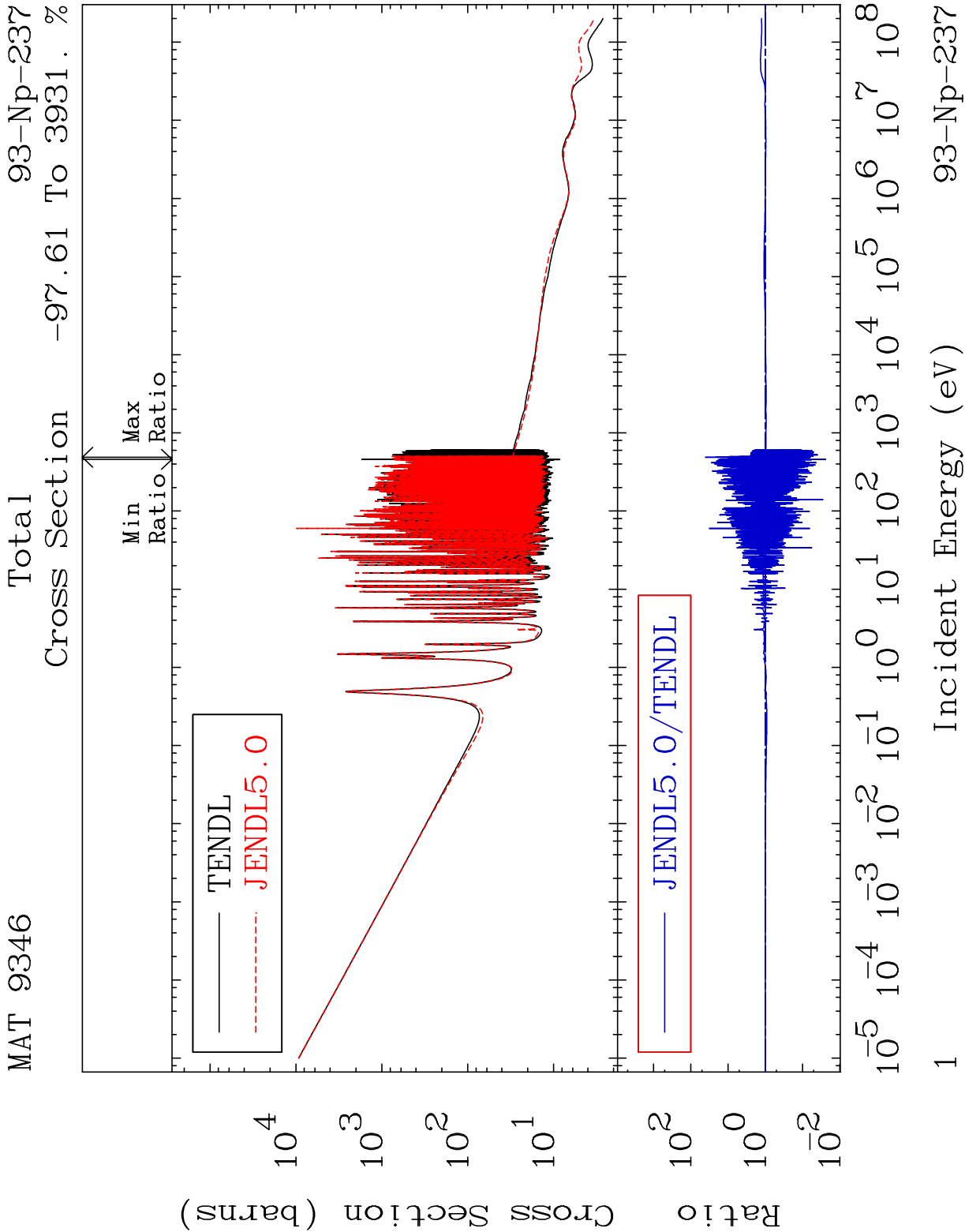
by

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

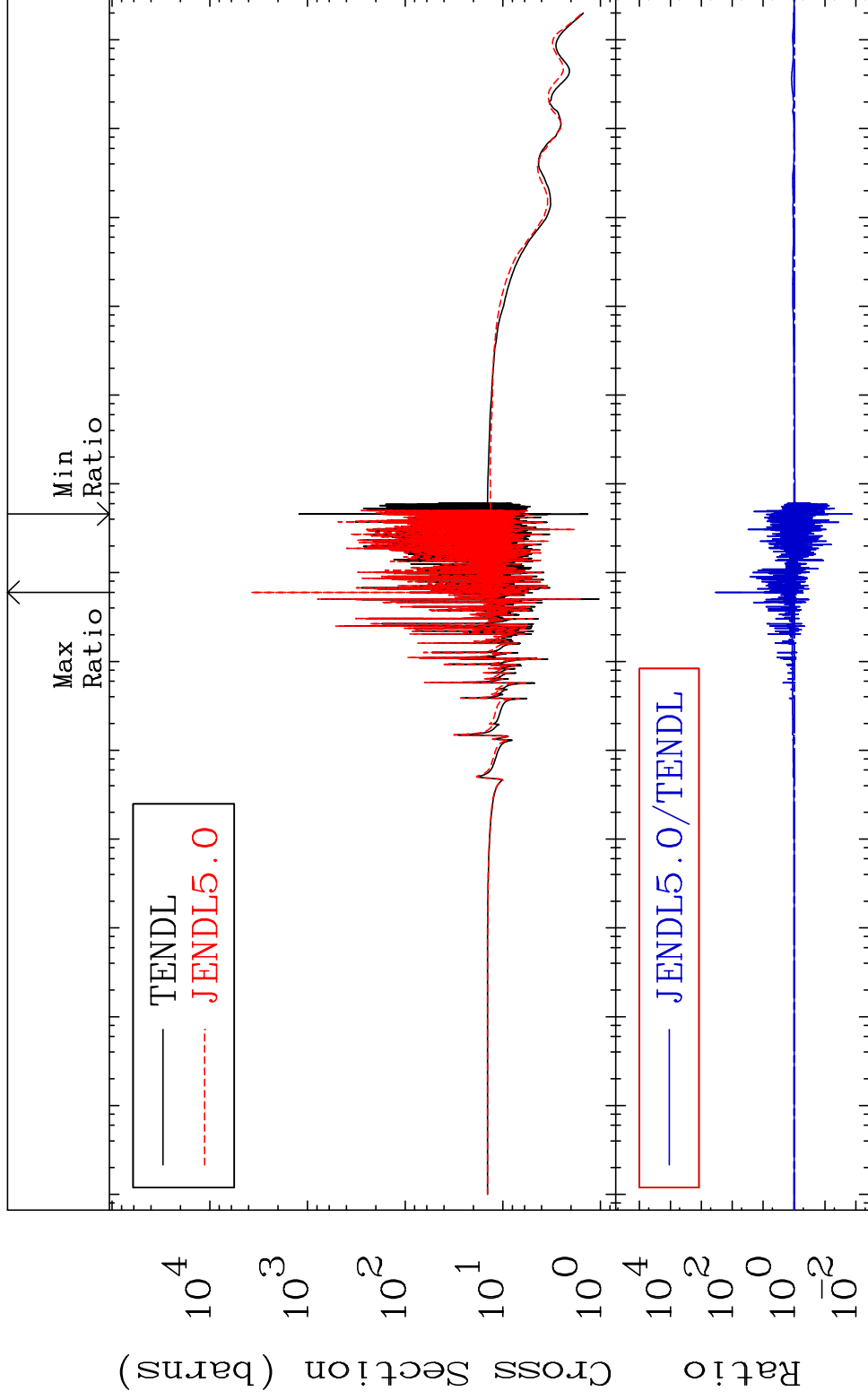


MAT 9346

Elastic

93-Np-237

Cross Section -98.69 To 9999. %

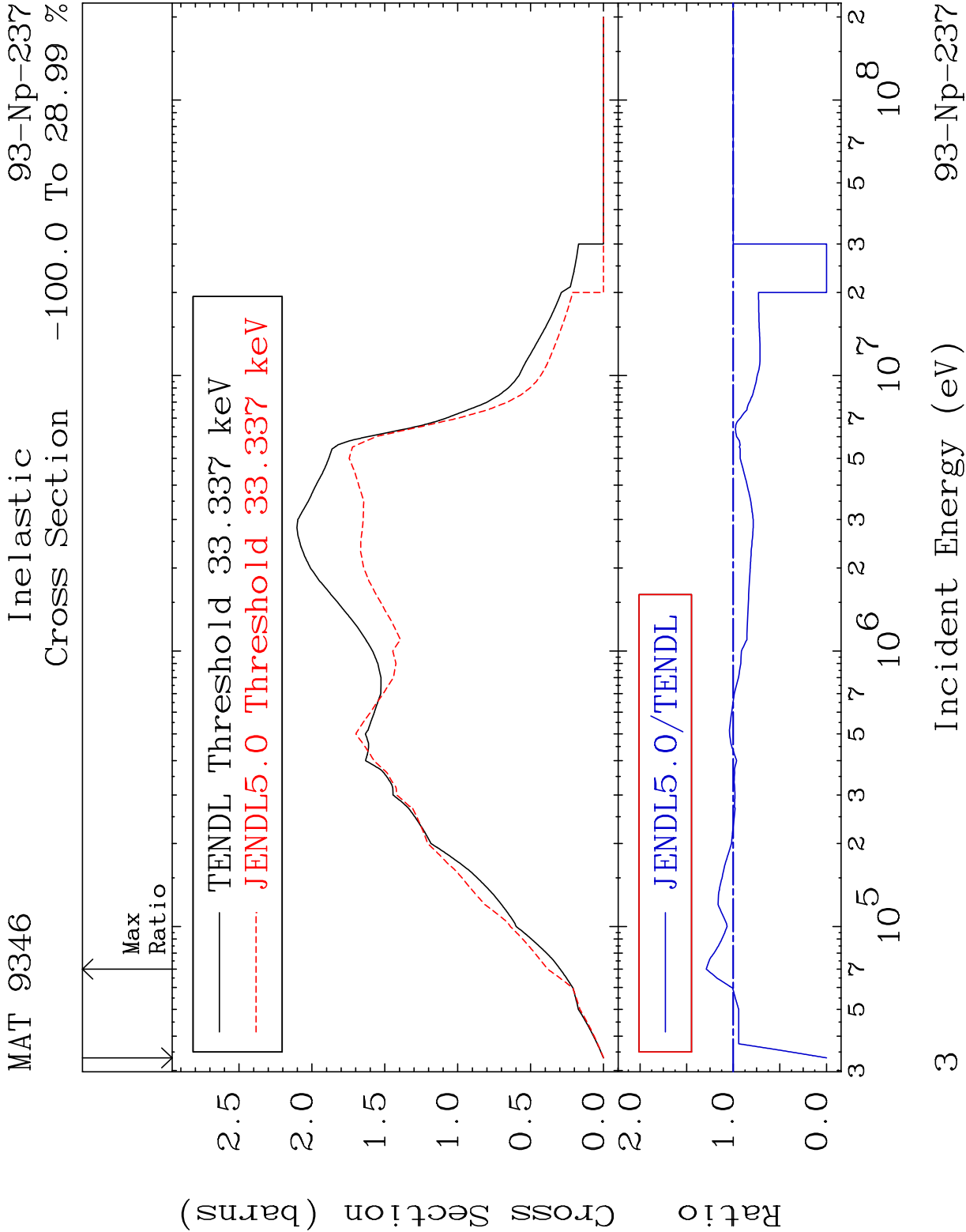


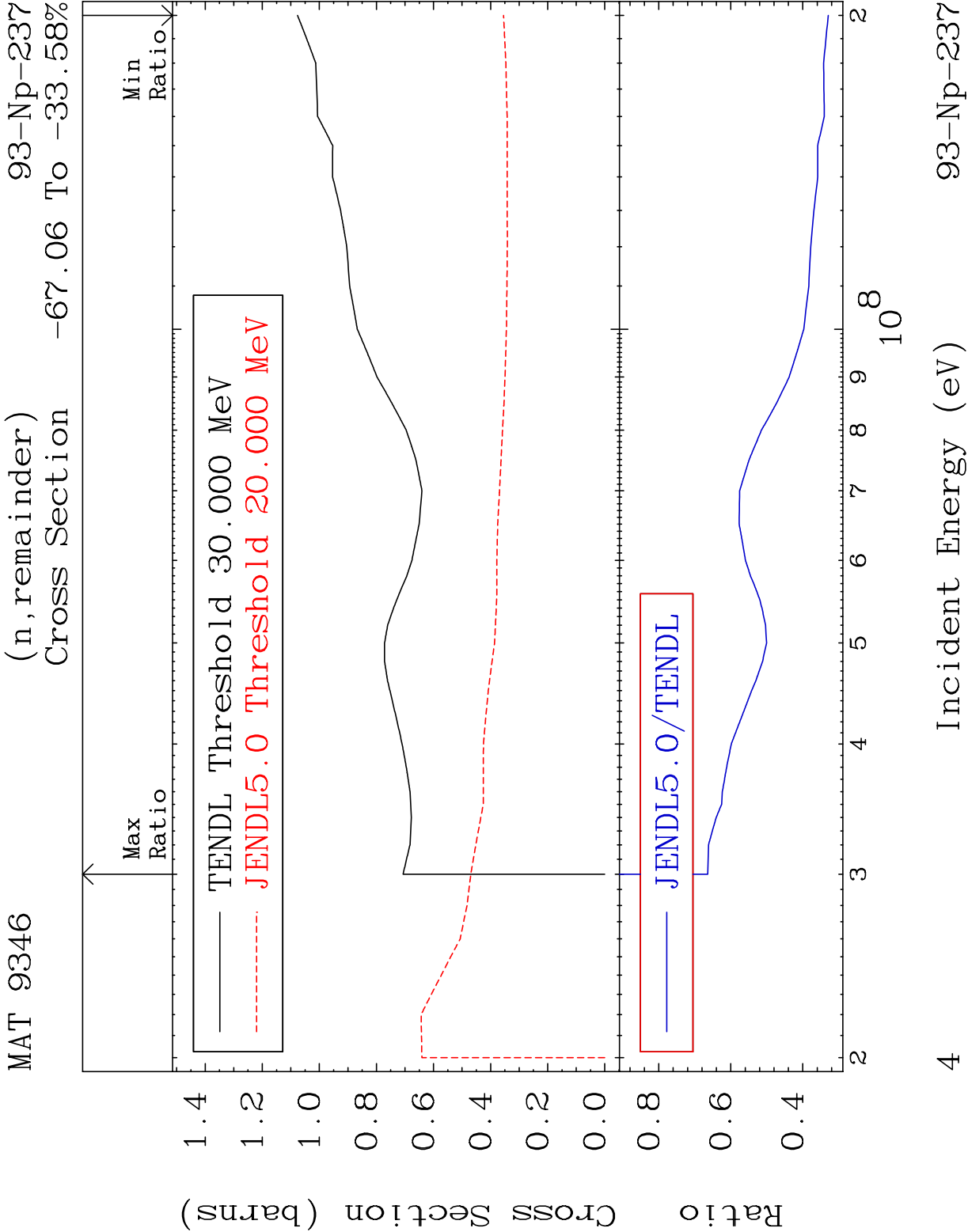
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

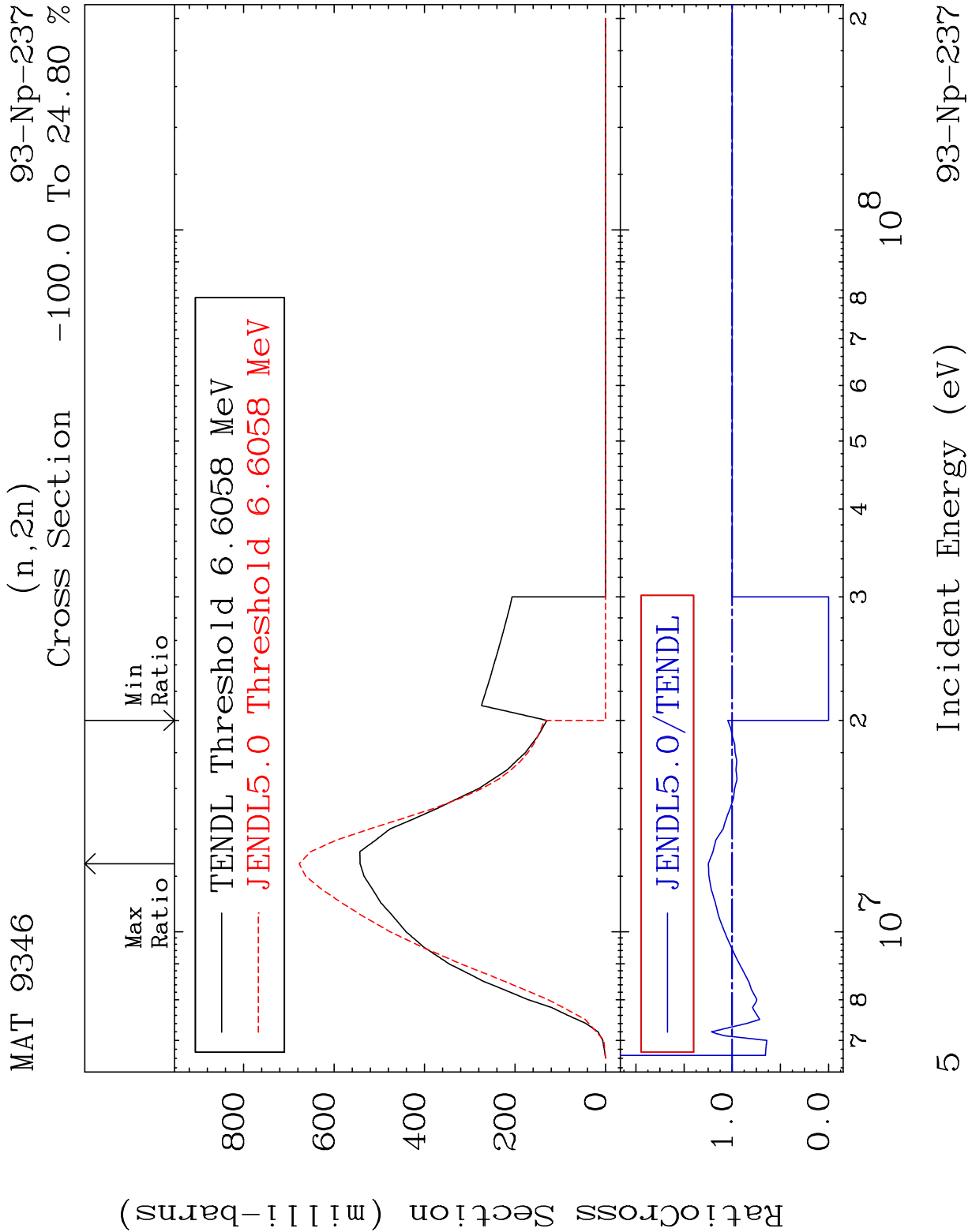
2

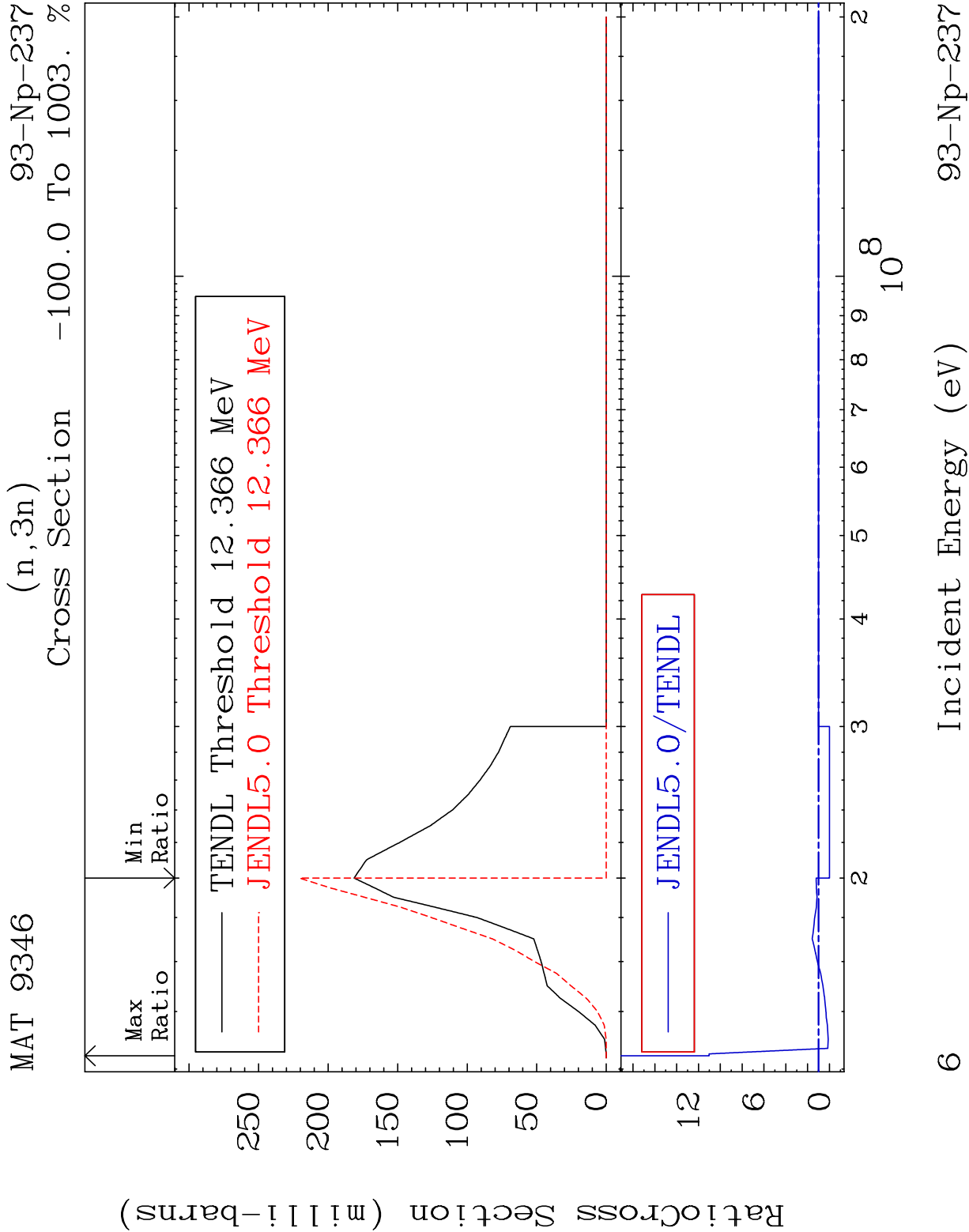
Incident Energy (eV)

93-Np-237



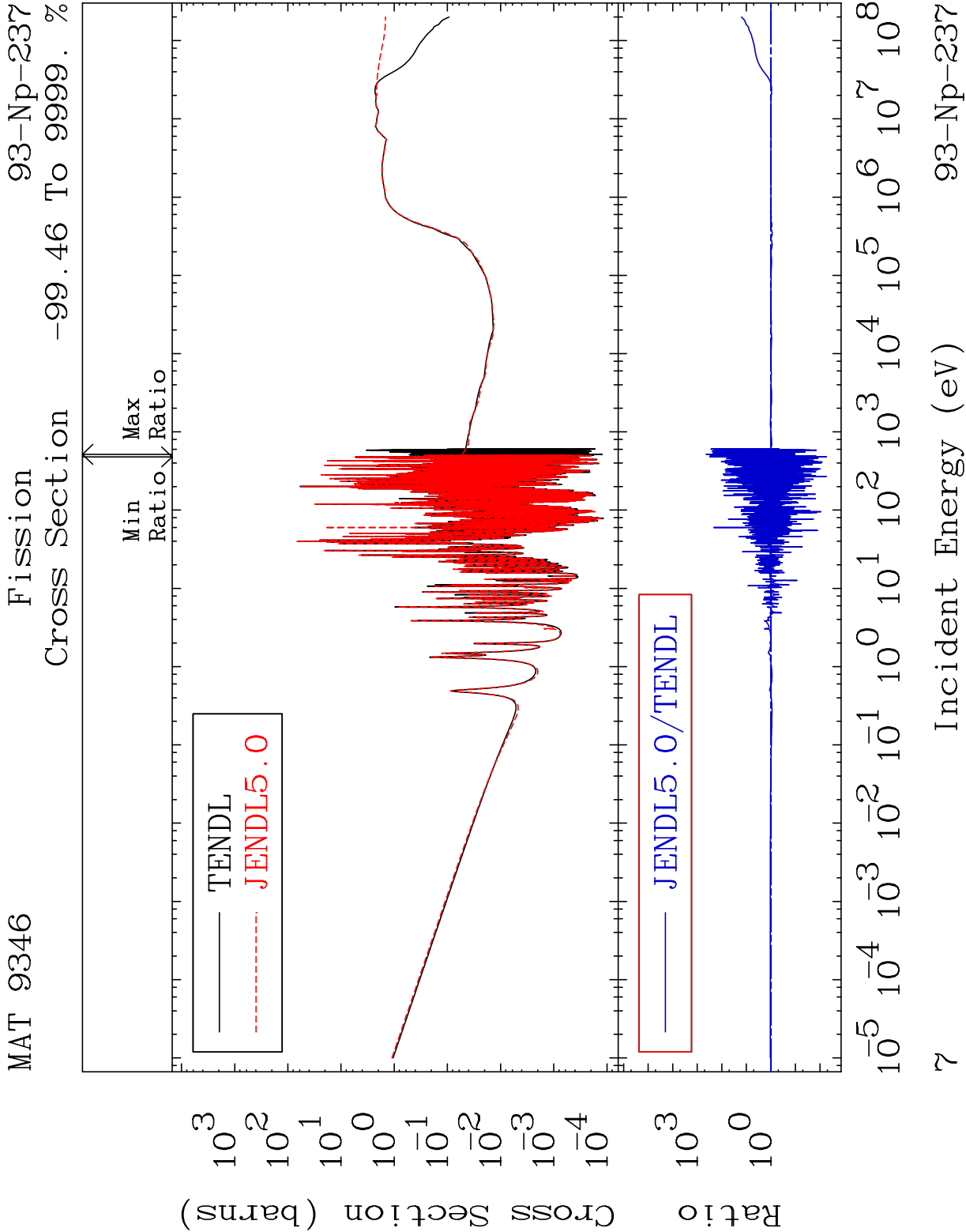


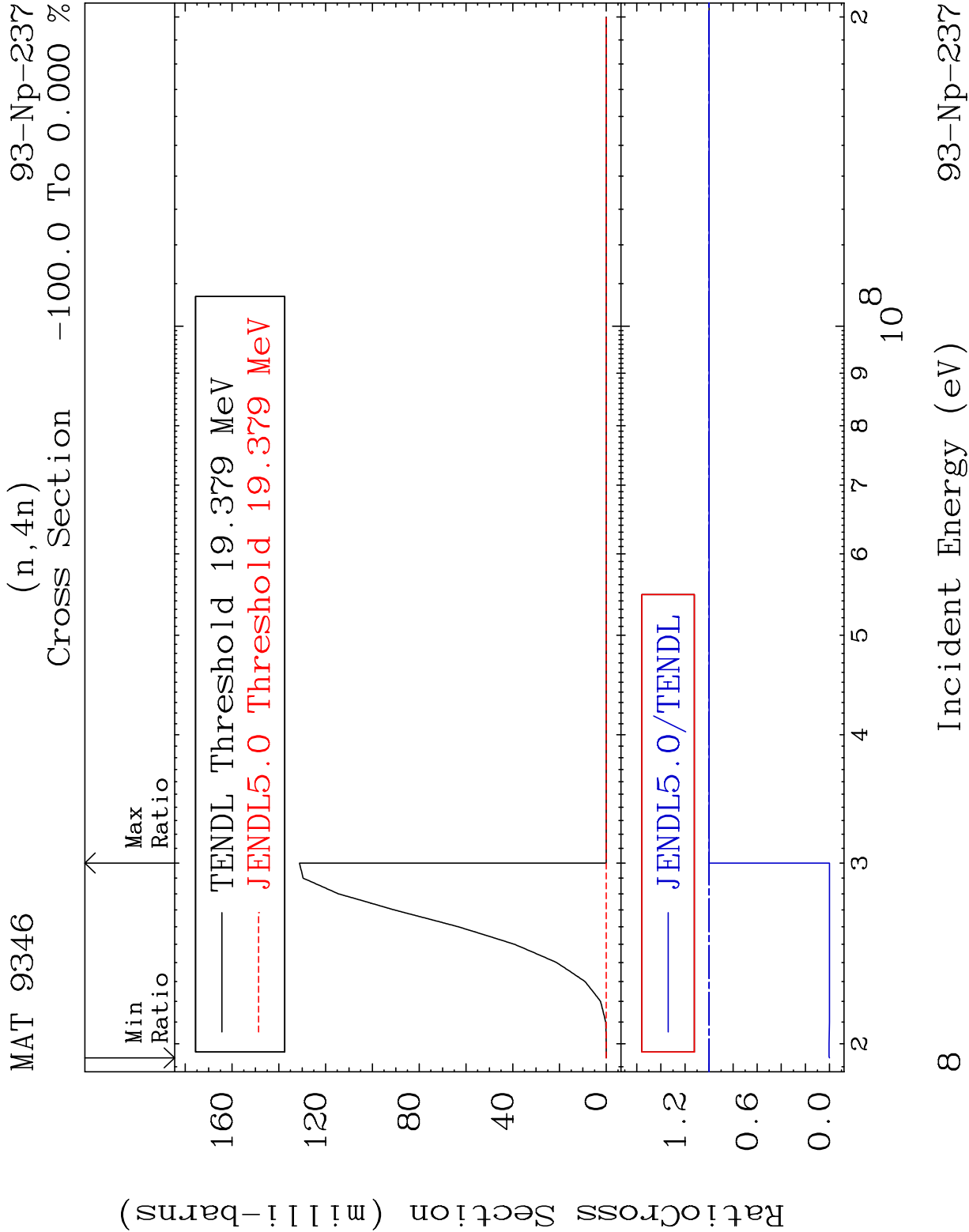




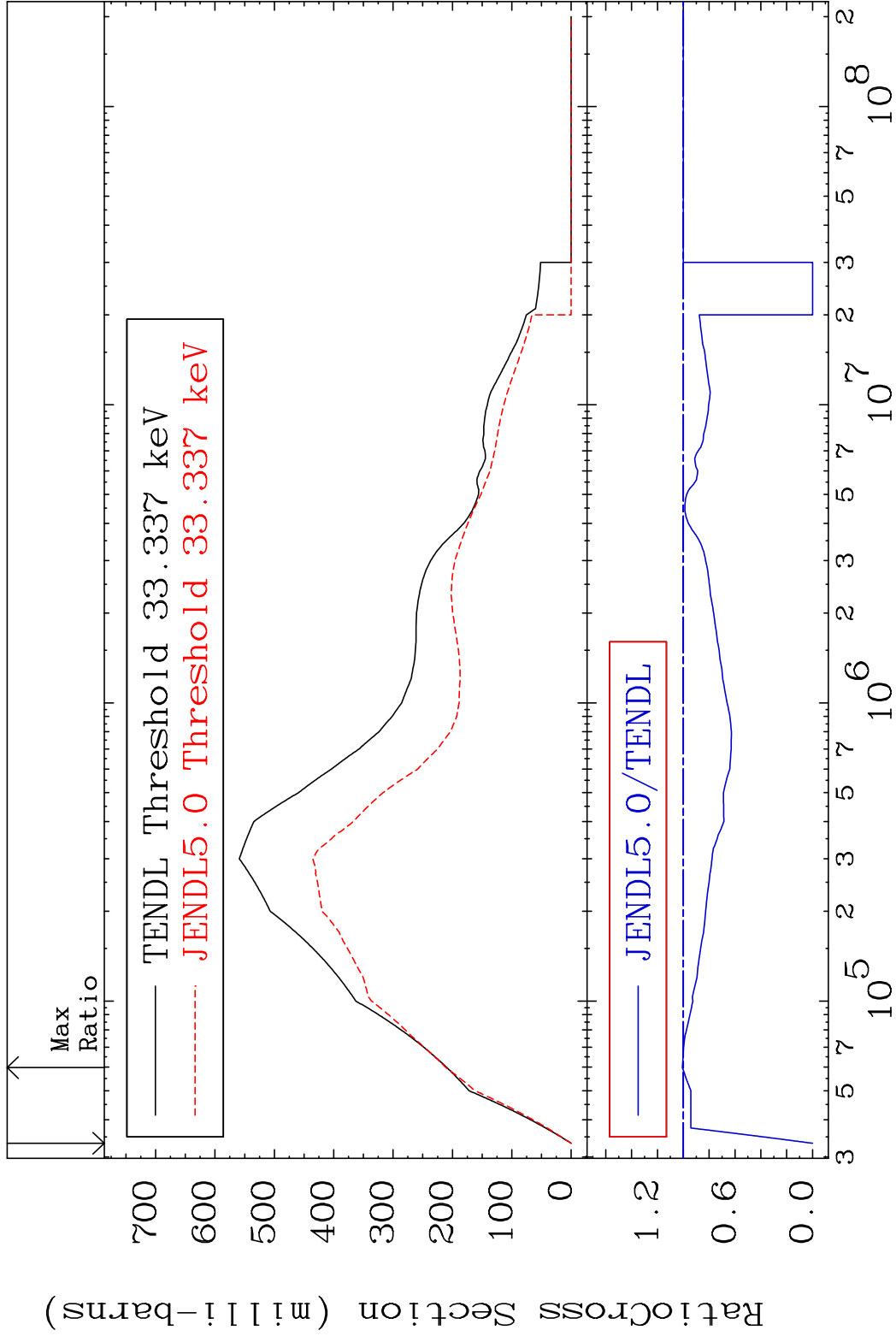
6

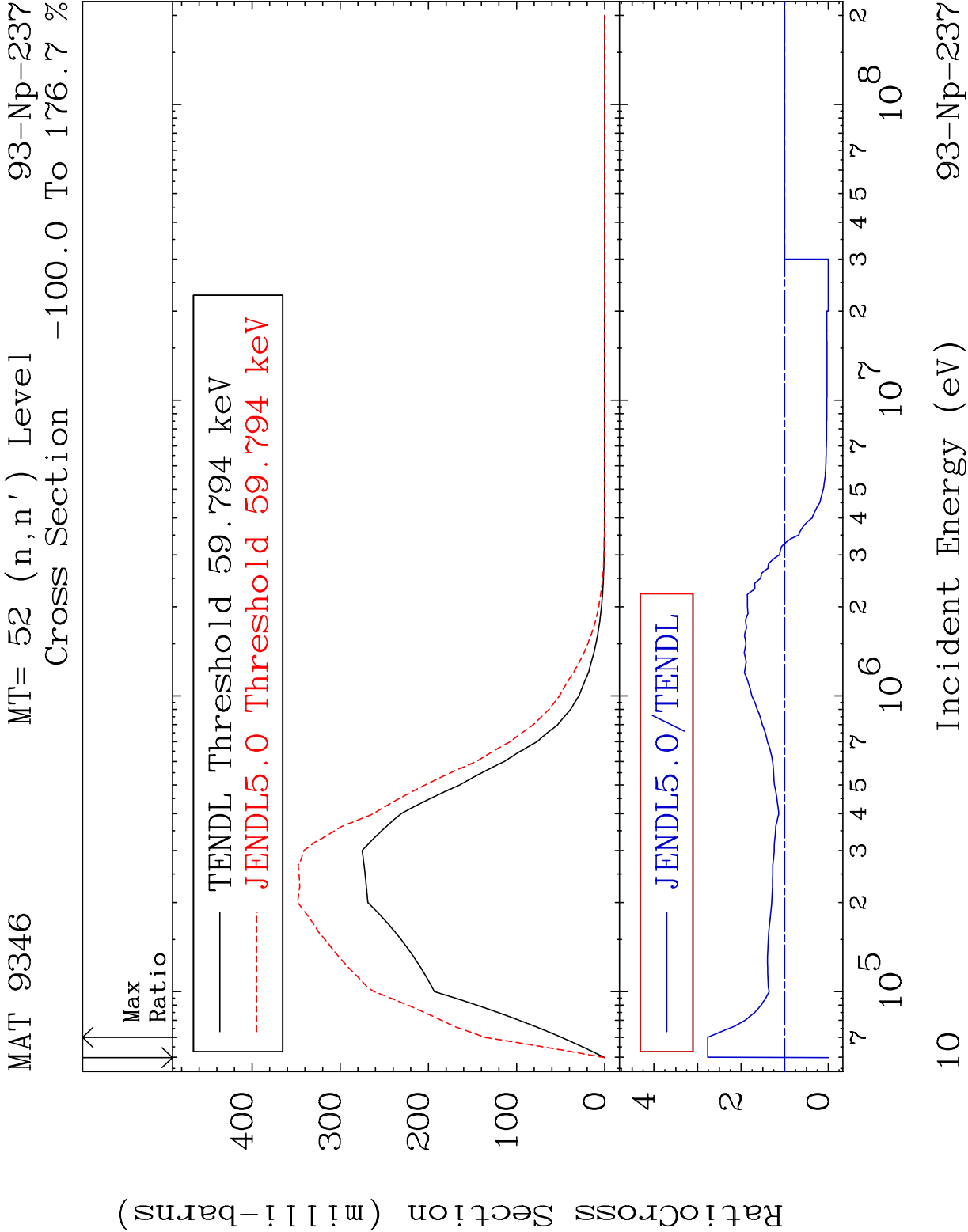
93-Np-237



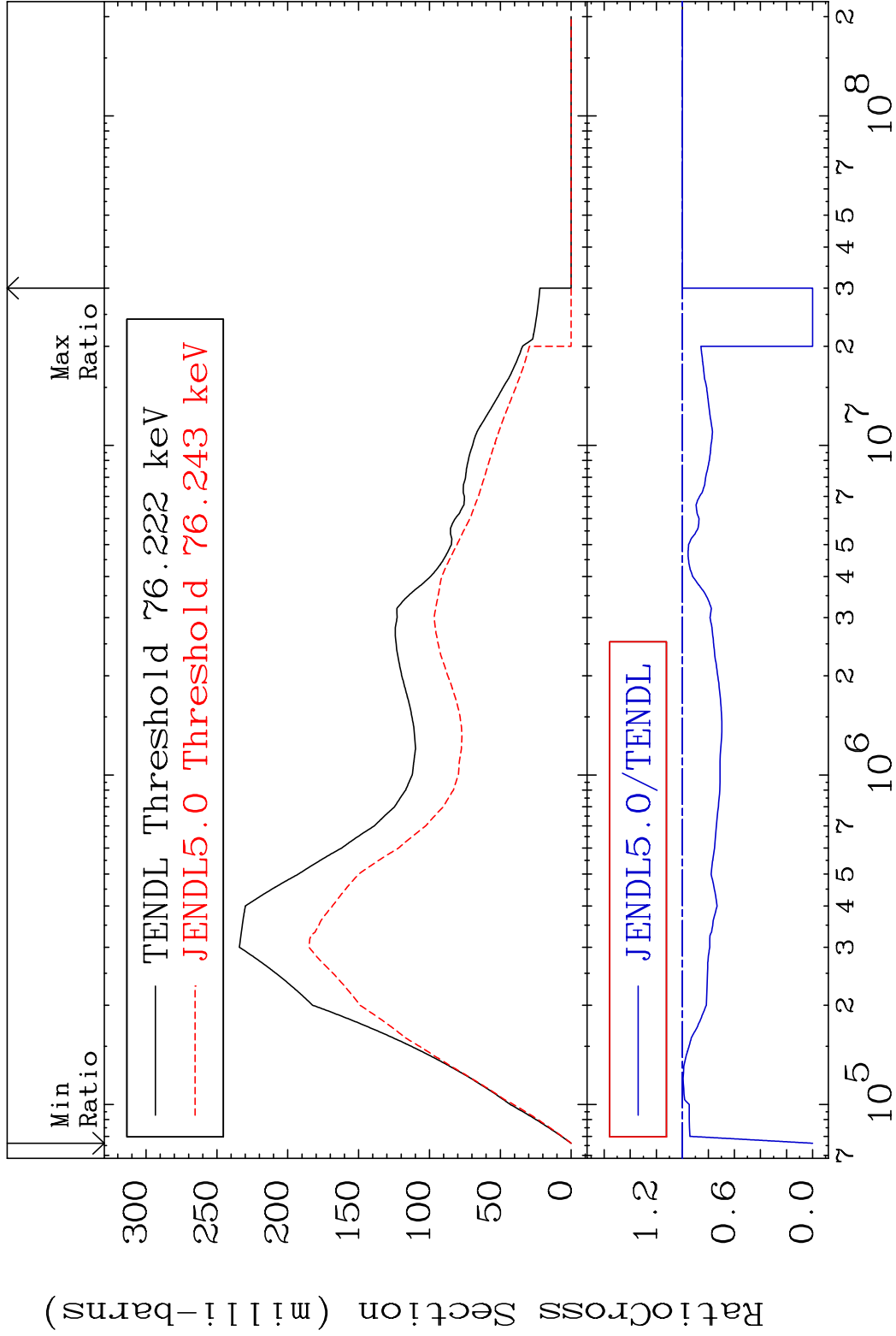


MAT 9346 MT= 51 (n,n') Level 93-Np-237
Cross Section -100.0 To 0.753 %

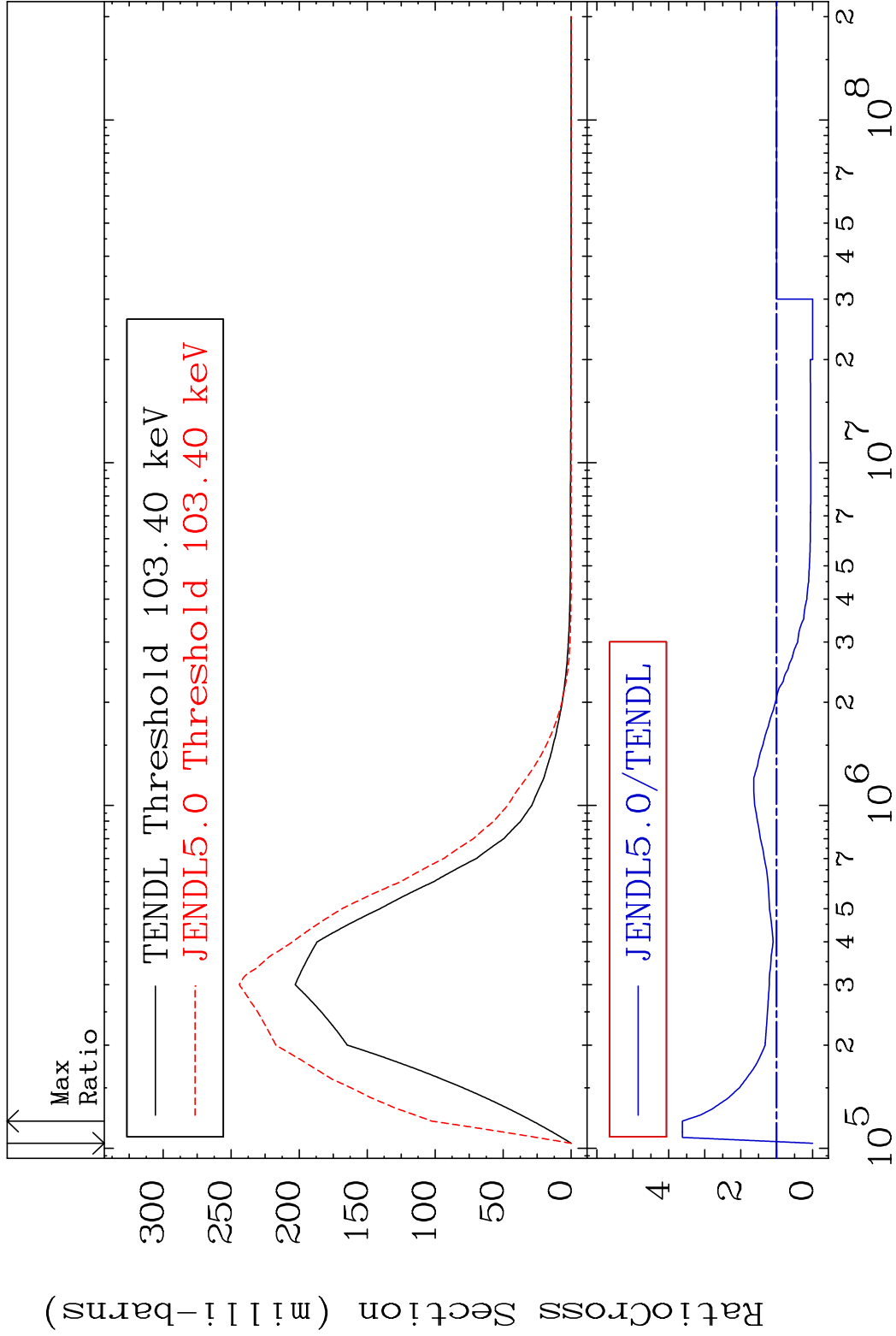




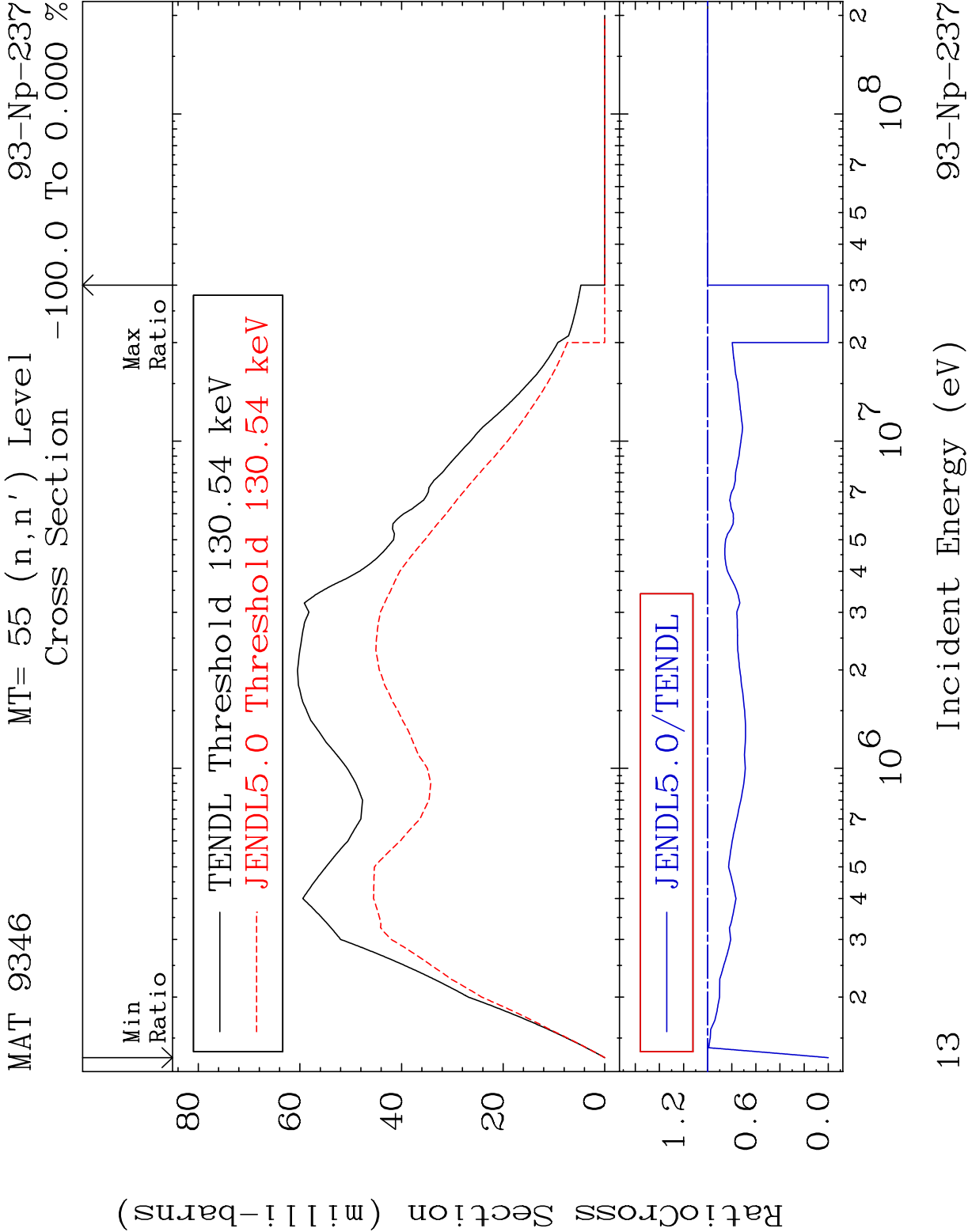
MAT 9346 MT= 53 (n,n') Level 93-Np-237
Cross Section -100.0 To 0.000 %



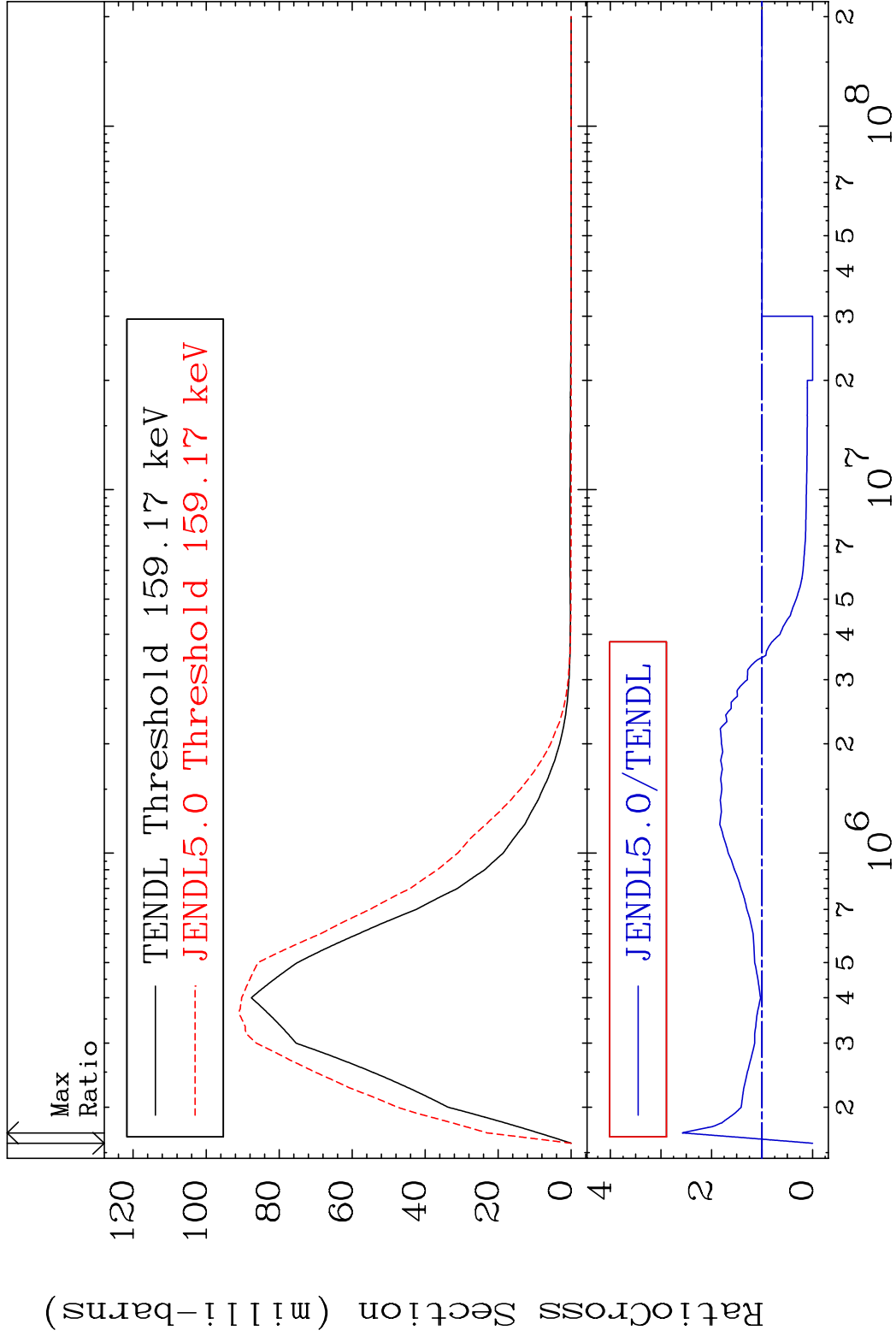
MAT 9346 MT= 54 (n,n') Level 93-Np-237
Cross Section -100.0 To 262.2 %



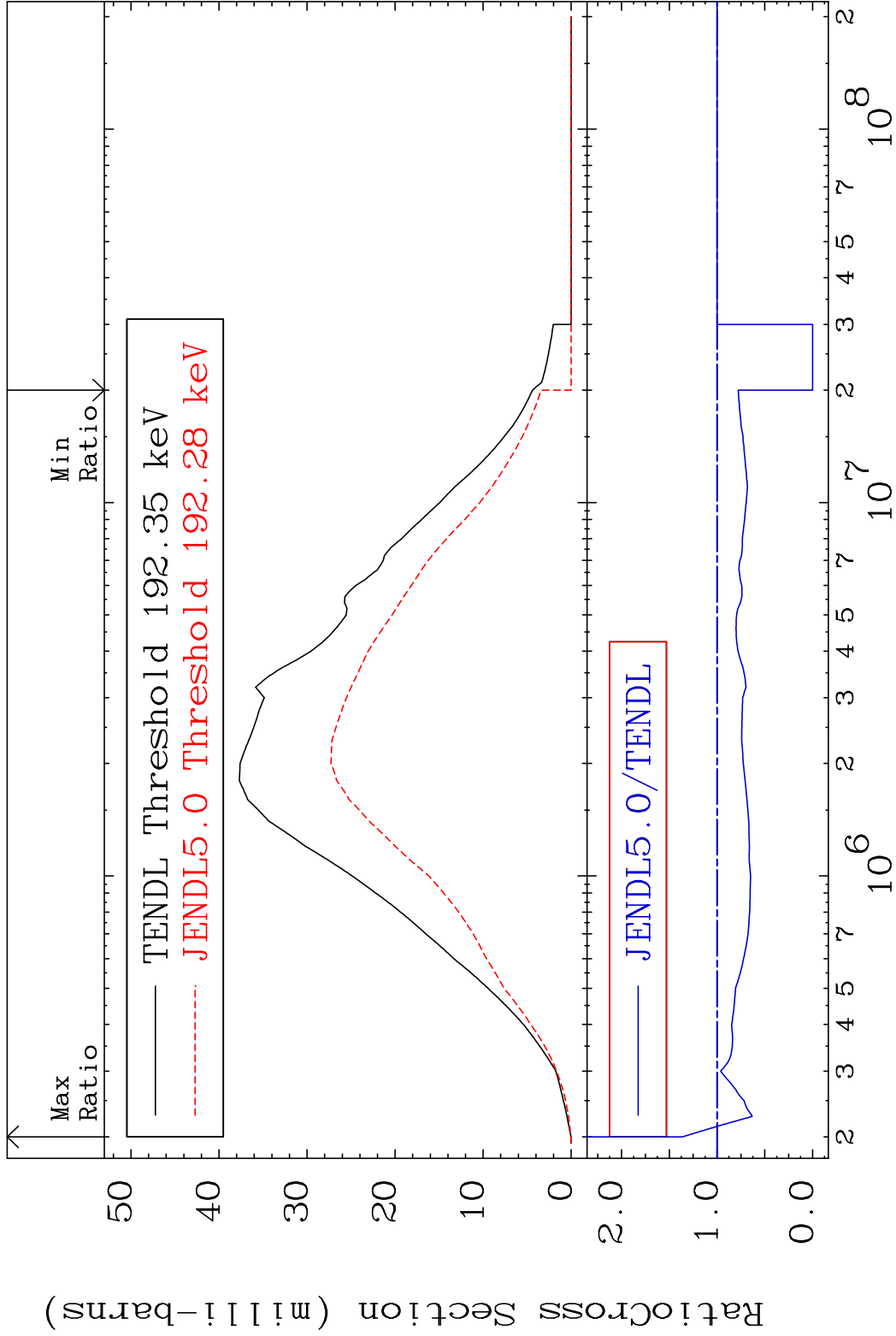
12 Incident Energy (eV) 93-Np-237



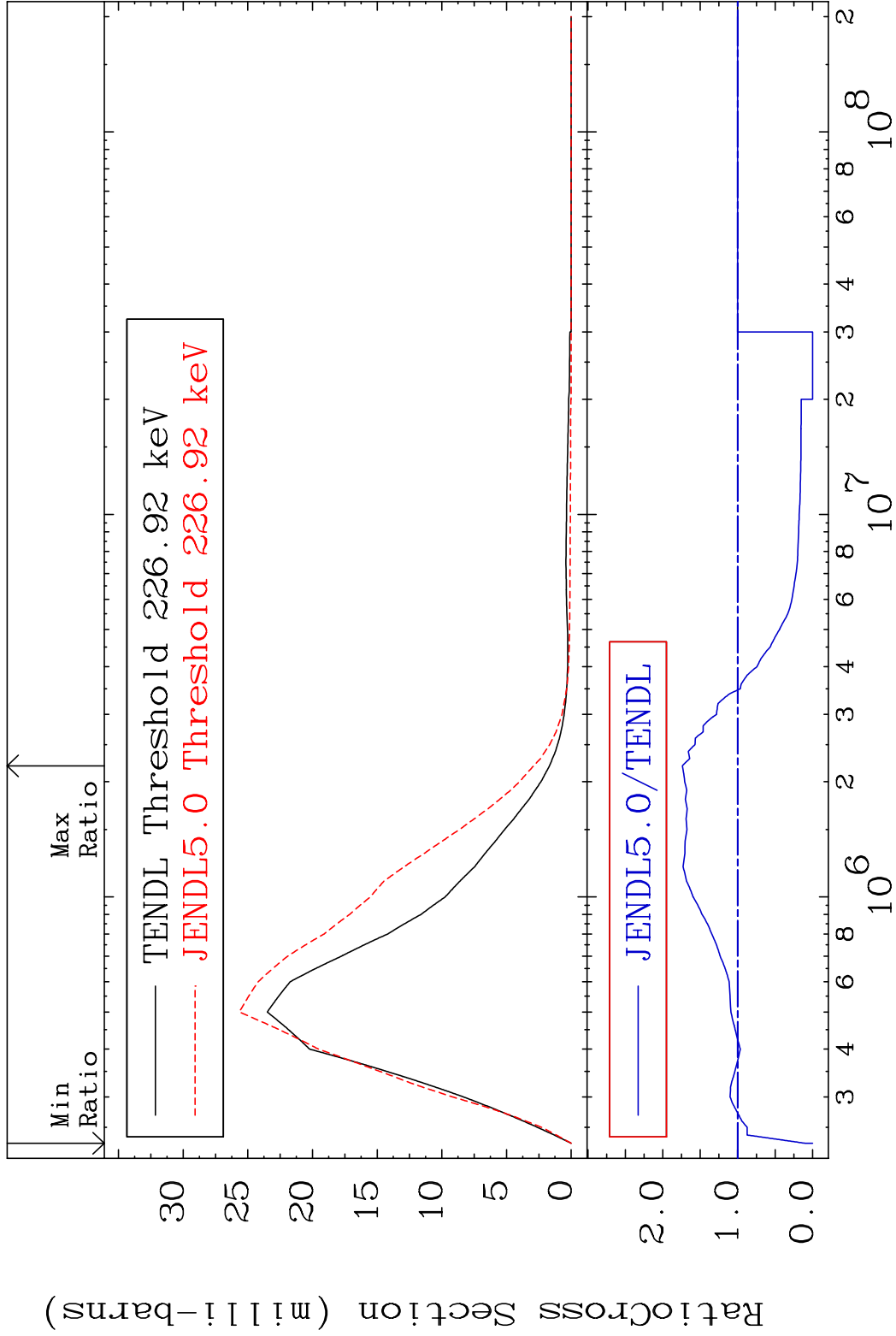
MAT 9346 MT= 56 (n,n') Level 93-Np-237
Cross Section -100.0 To 157.6 %



MAT 9346 MT= 57 (n,n') Level 93-Np-237
Cross Section -100.0 To 36.35 %



MAT 9346 MT= 58 (n,n') Level 93-Np-237
Cross Section -100.0 To 73.90 %



MAT 9346

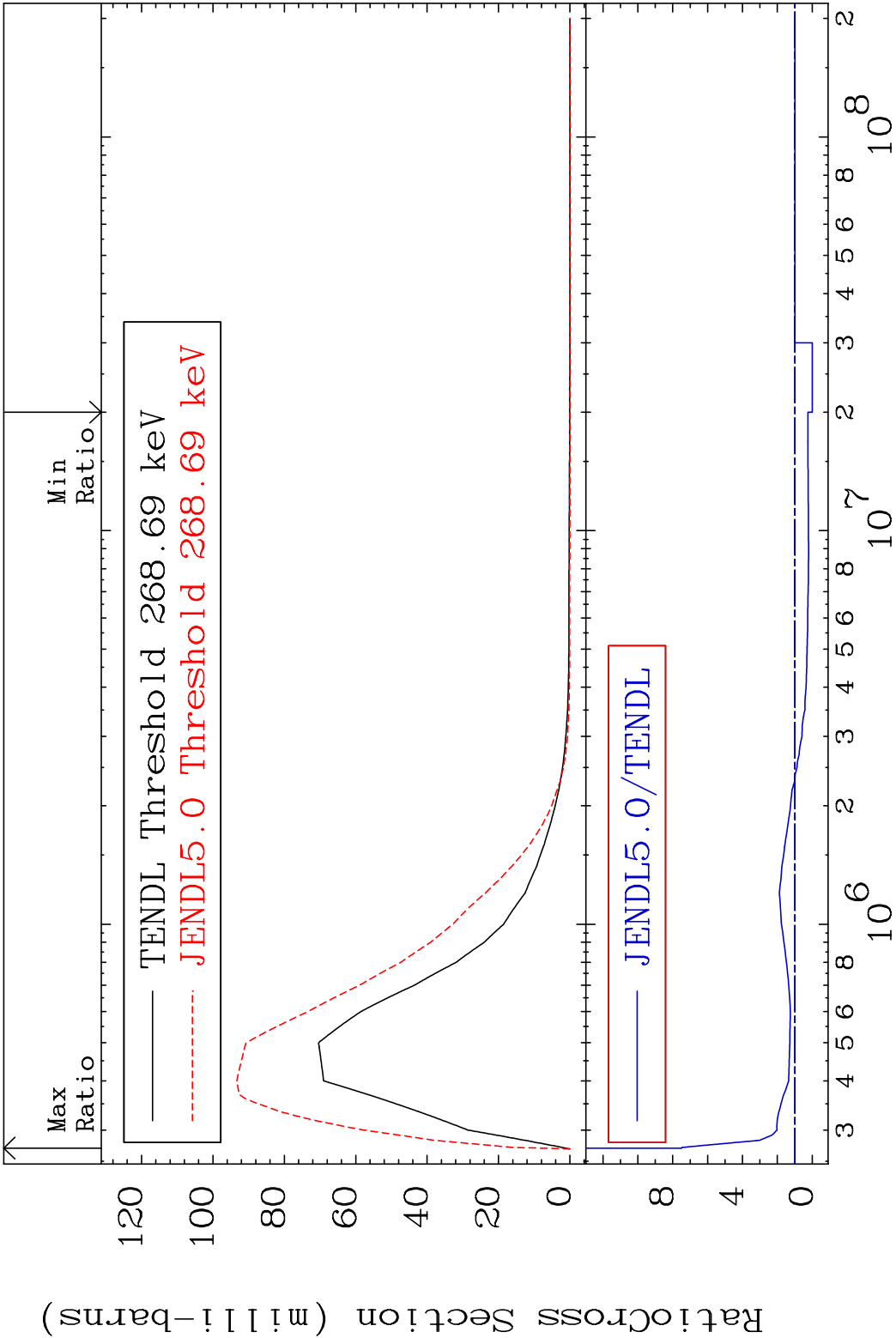
MT= 59 (n,n')

Level

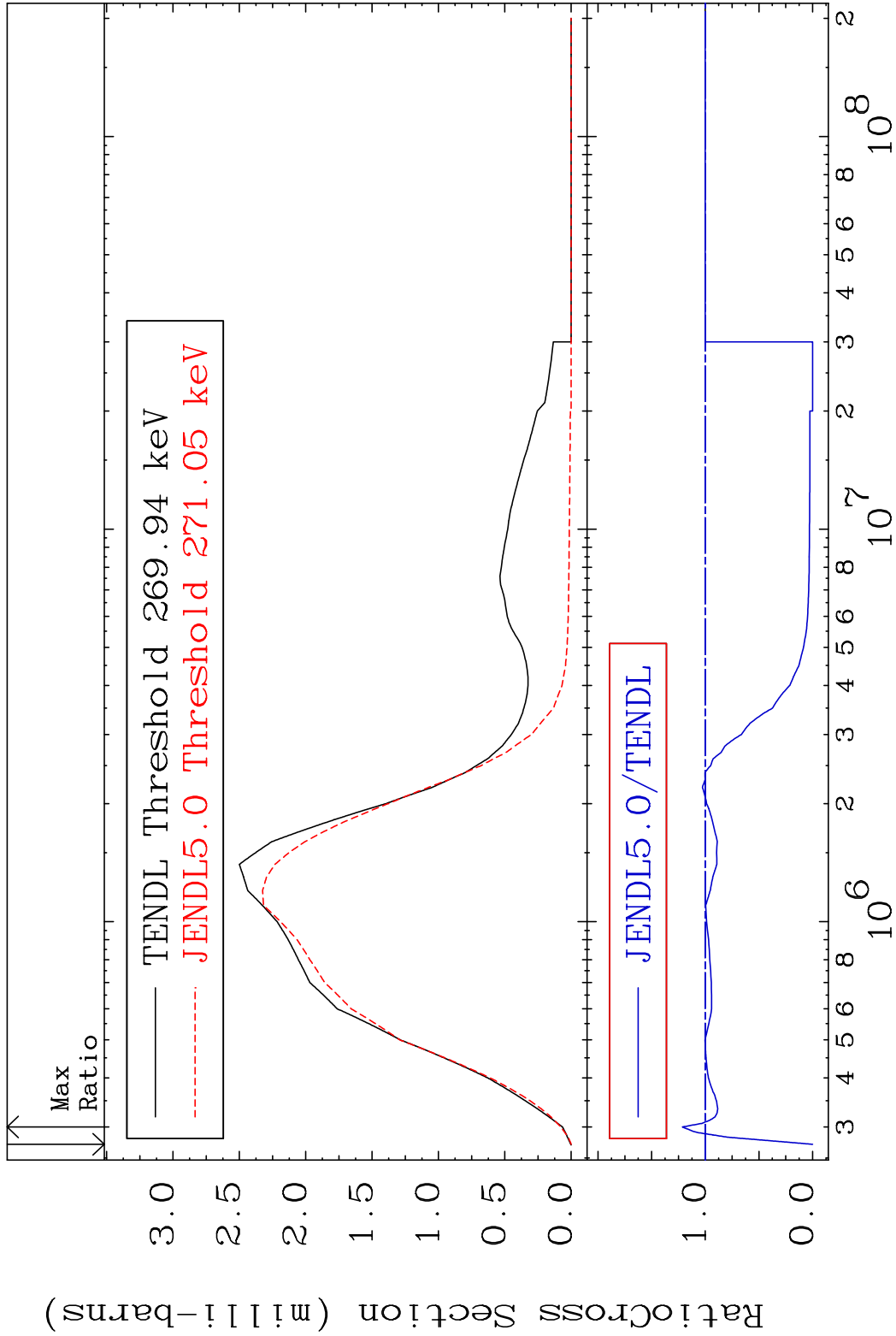
93-Np-237

Cross Section

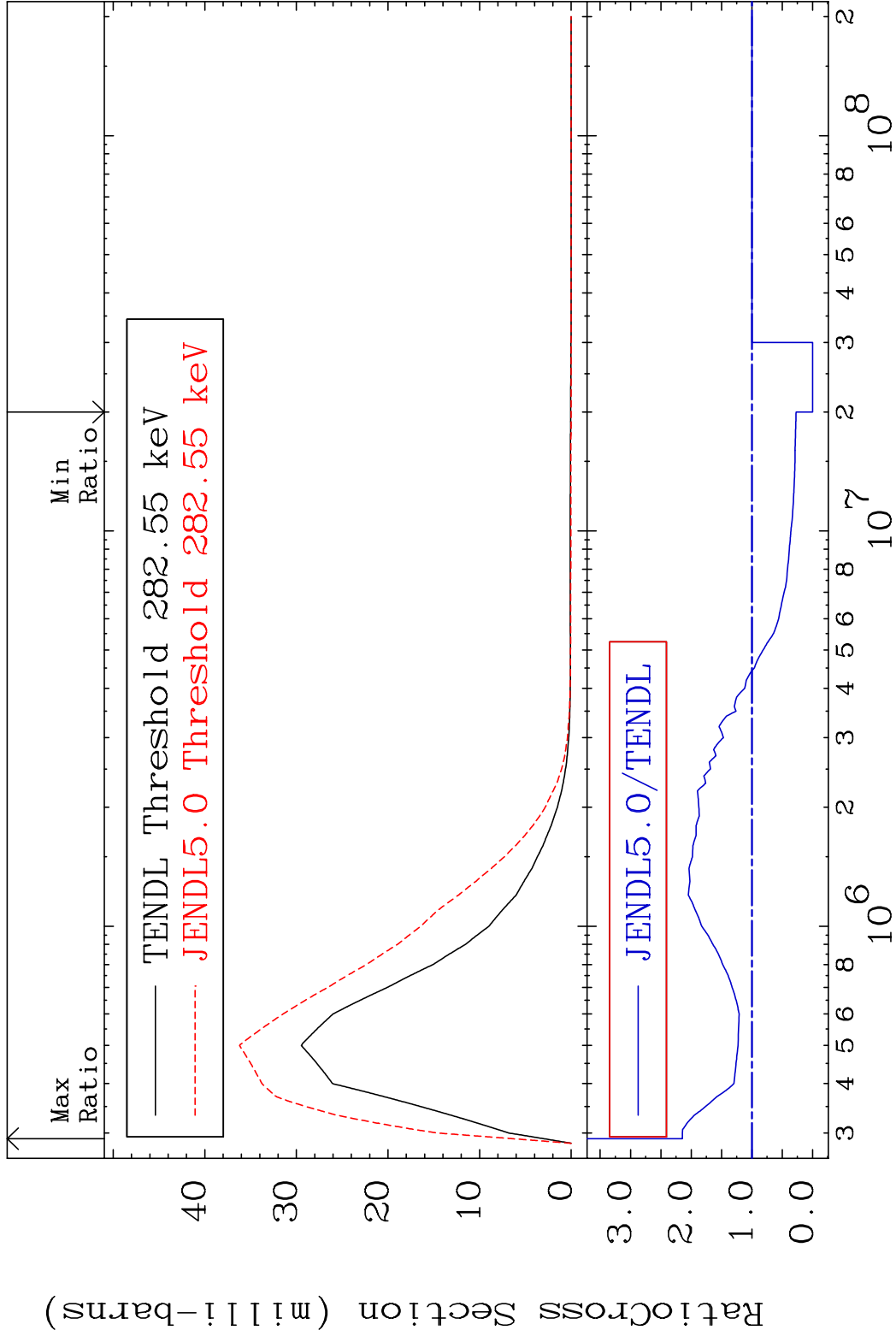
-100.0 To 649.6 %



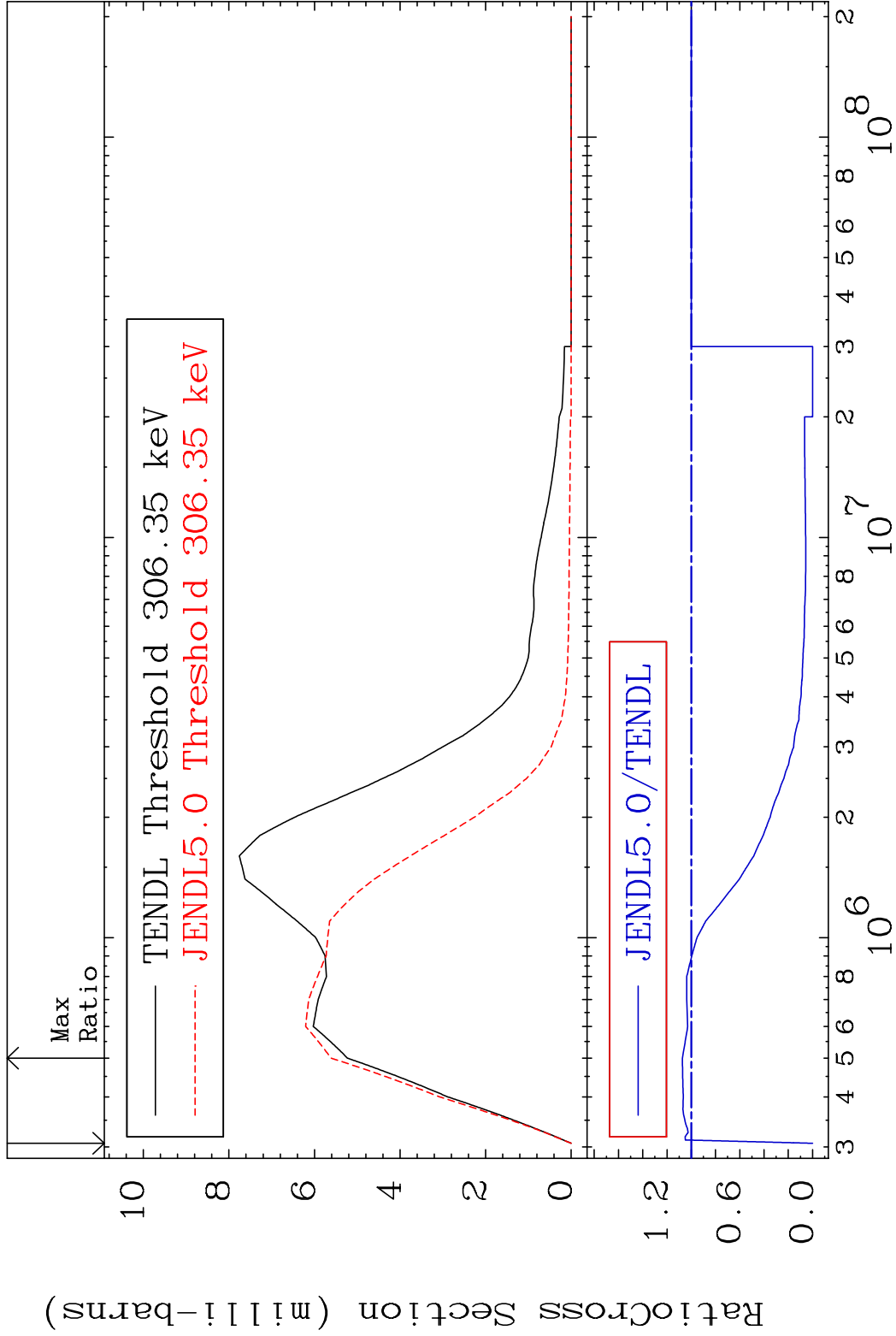
MAT 9346 MT= 60 (n,n') Level 93-Np-237
Cross Section -100.0 To 21.38 %



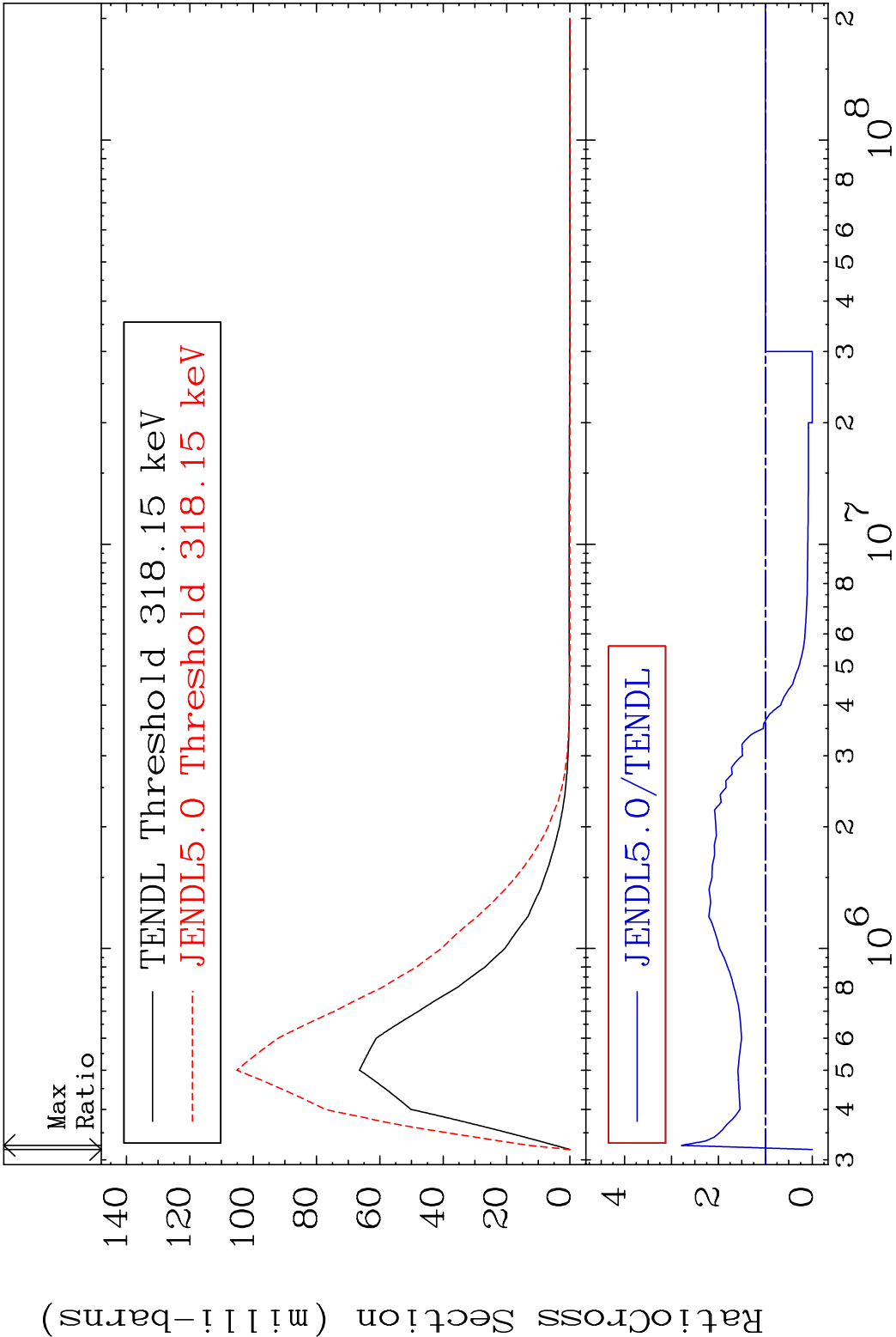
MAT 9346 MT= 61 (n,n') Level 93-Np-237
Cross Section -100.0 To 114.6 %



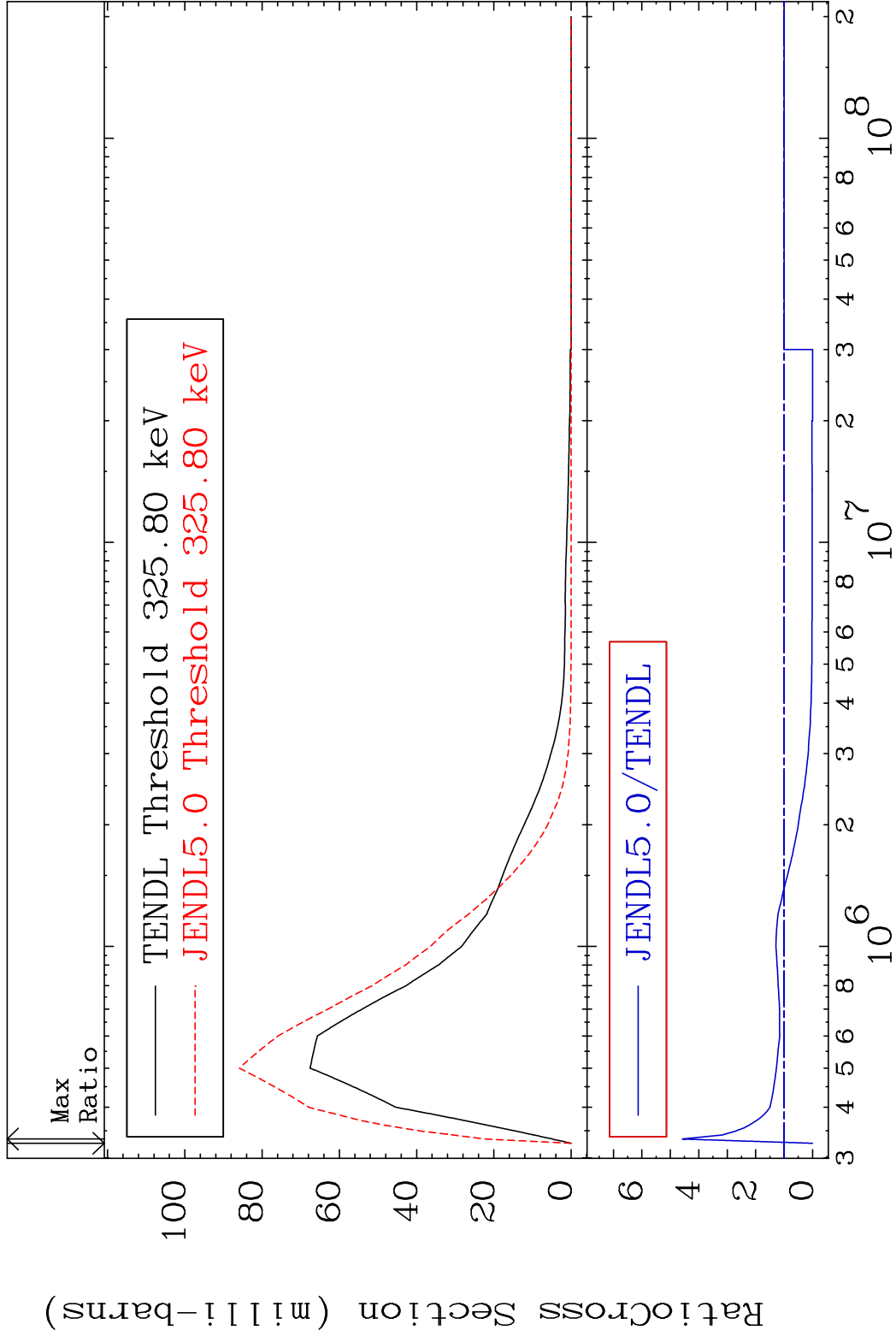
MAT 9346 MT= 62 (n,n') Level 93-Np-237
Cross Section -100.0 To 7.347 %



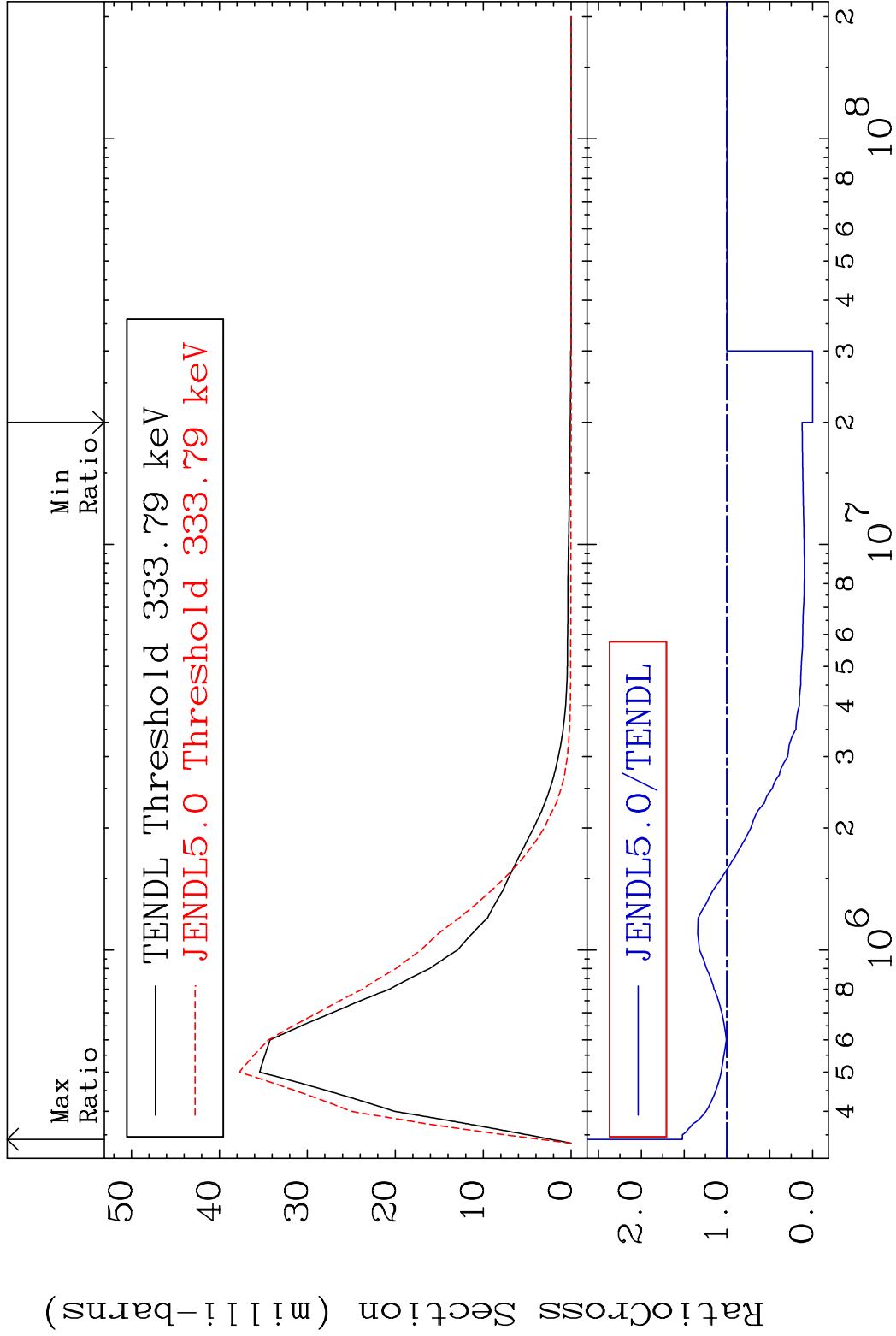
MAT 9346 MT= 63 (n,n') Level 93-Np-237
 Cross Section -100.0 To 178.6 %

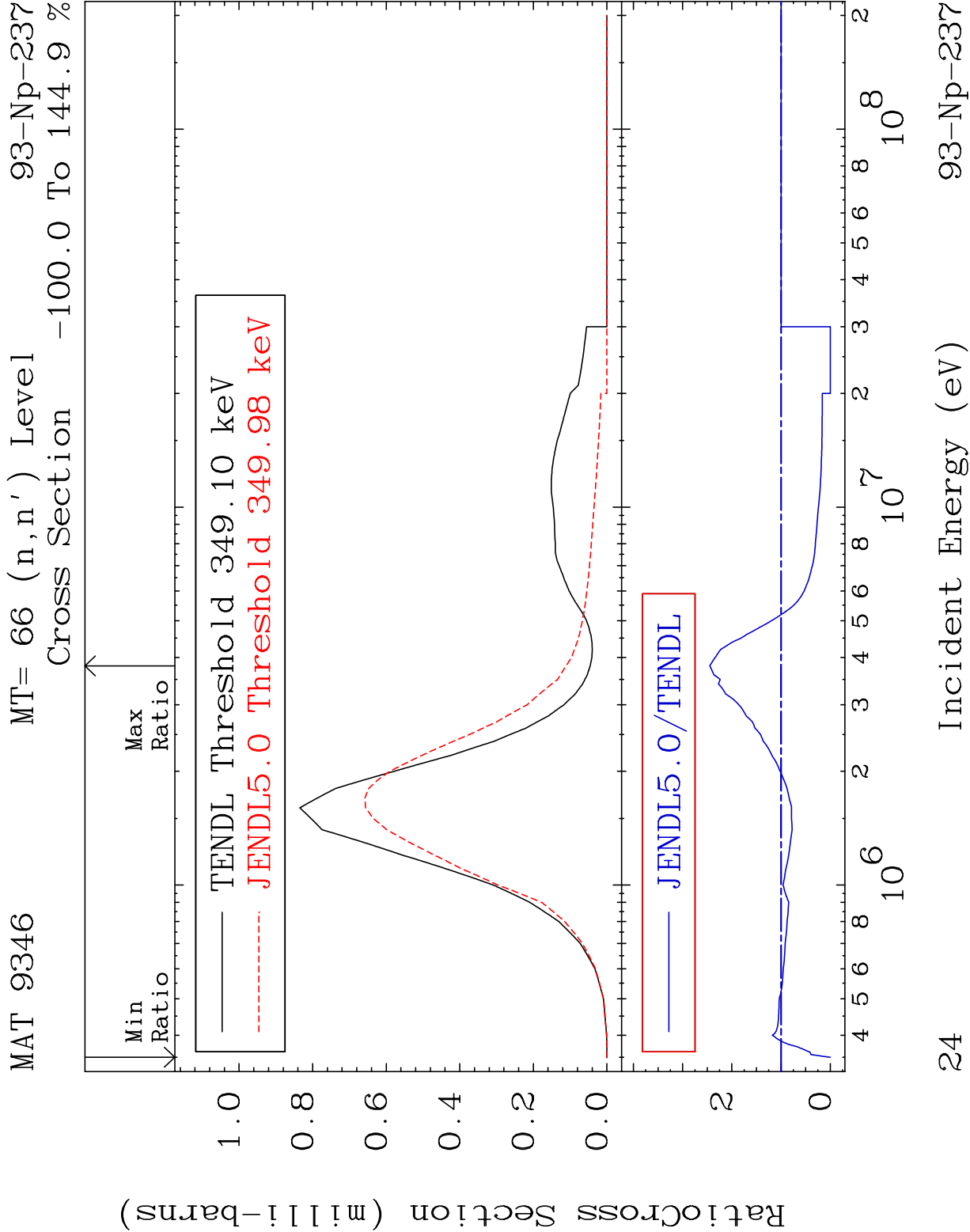


MAT 9346 MT= 64 (n,n') Level 93-Np-237
Cross Section -100.0 To 357.7 %

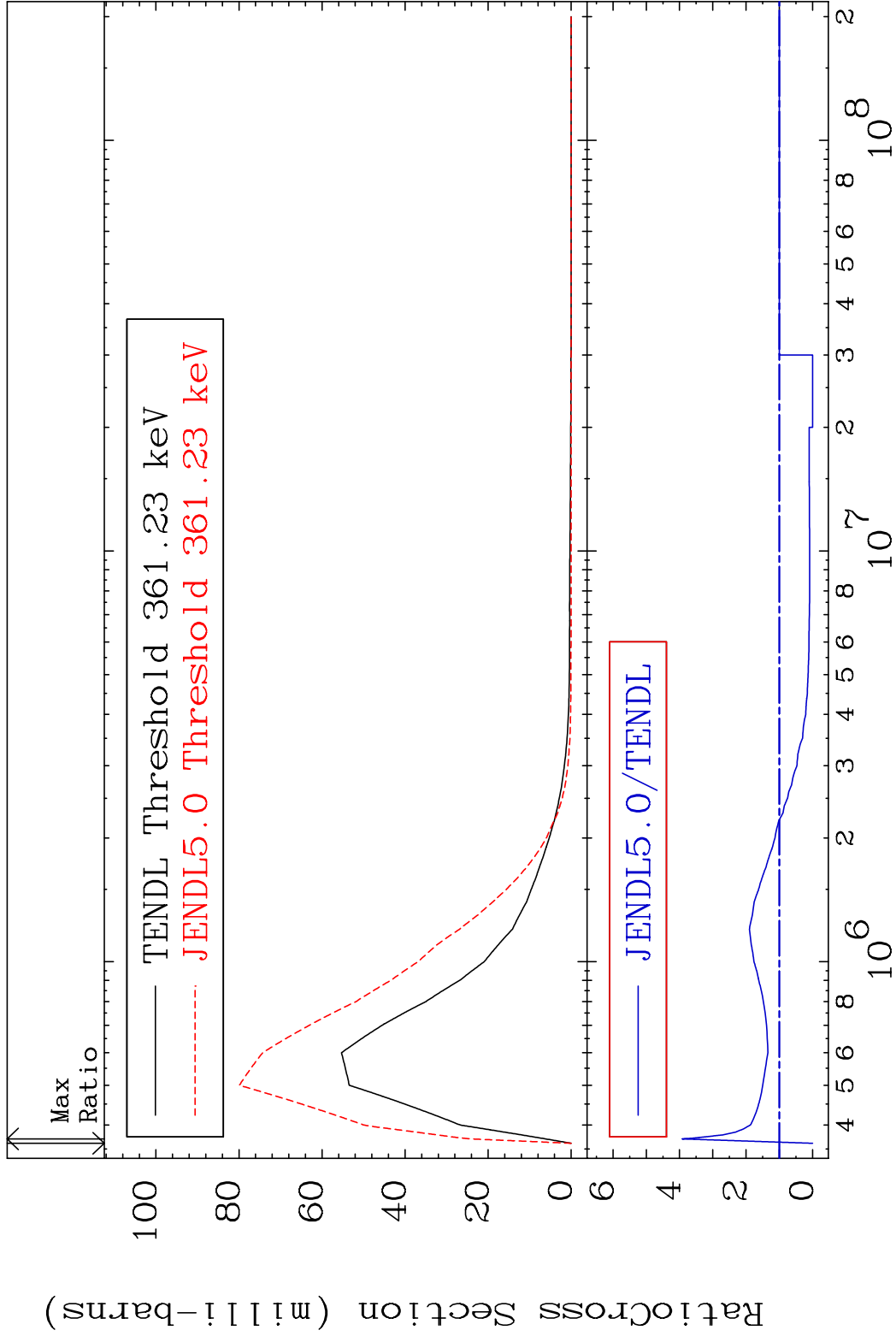


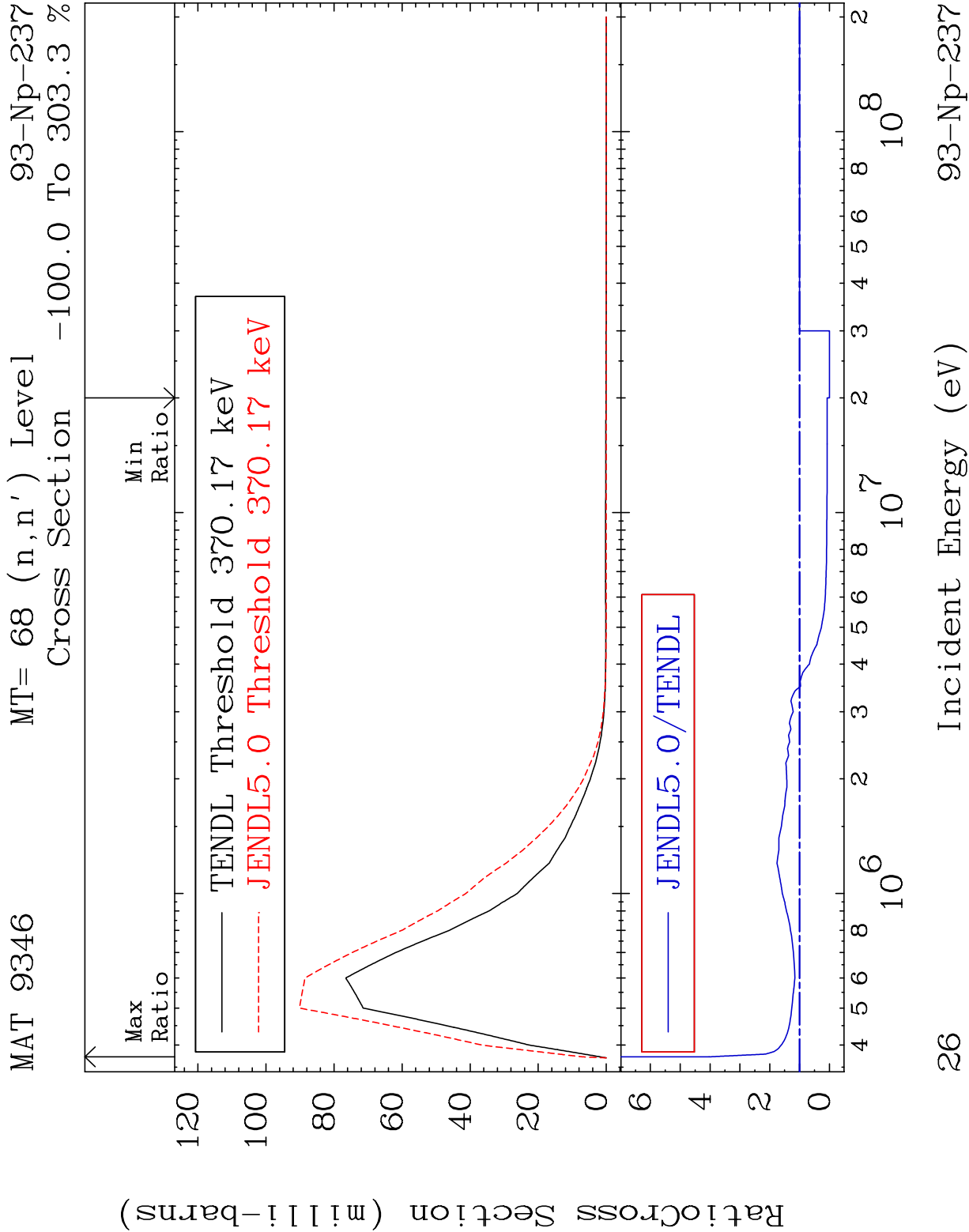
MAT 9346 MT= 65 (n,n') Level 93-Np-237
Cross Section -100.0 To 52.06 %



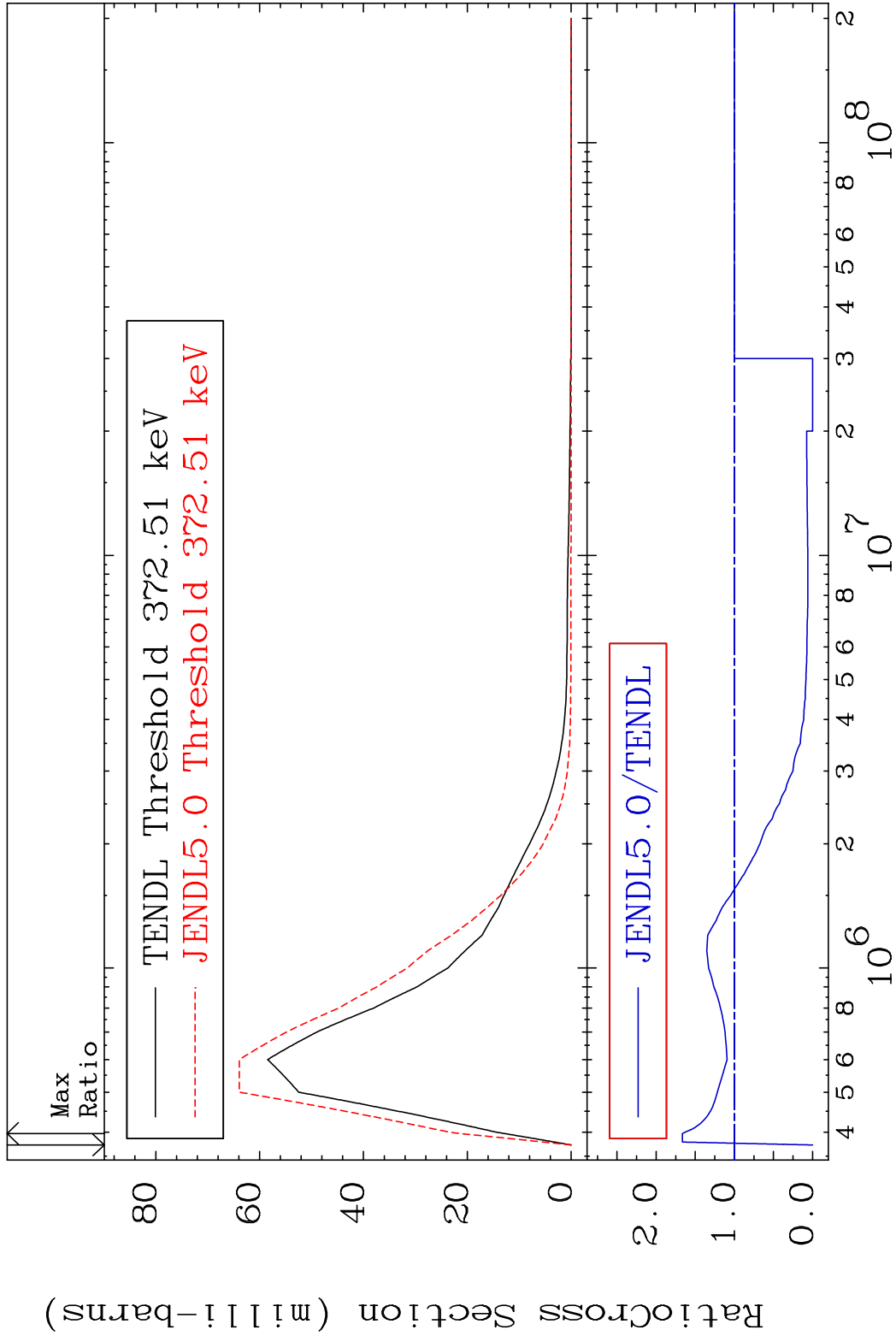


MAT 9346 MT= 67 (n,n') Level 93-Np-237
Cross Section -100.0 To 291.5 %

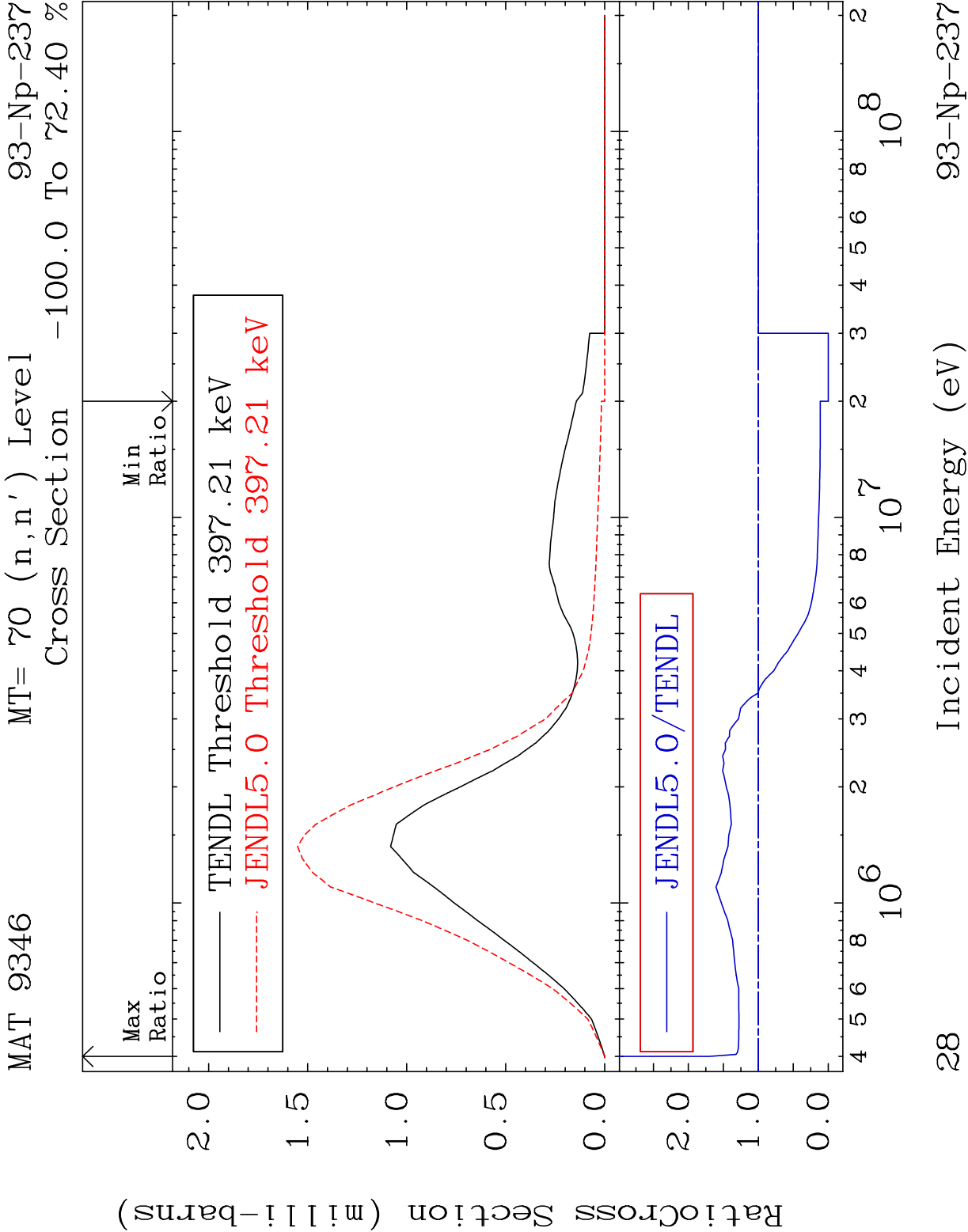


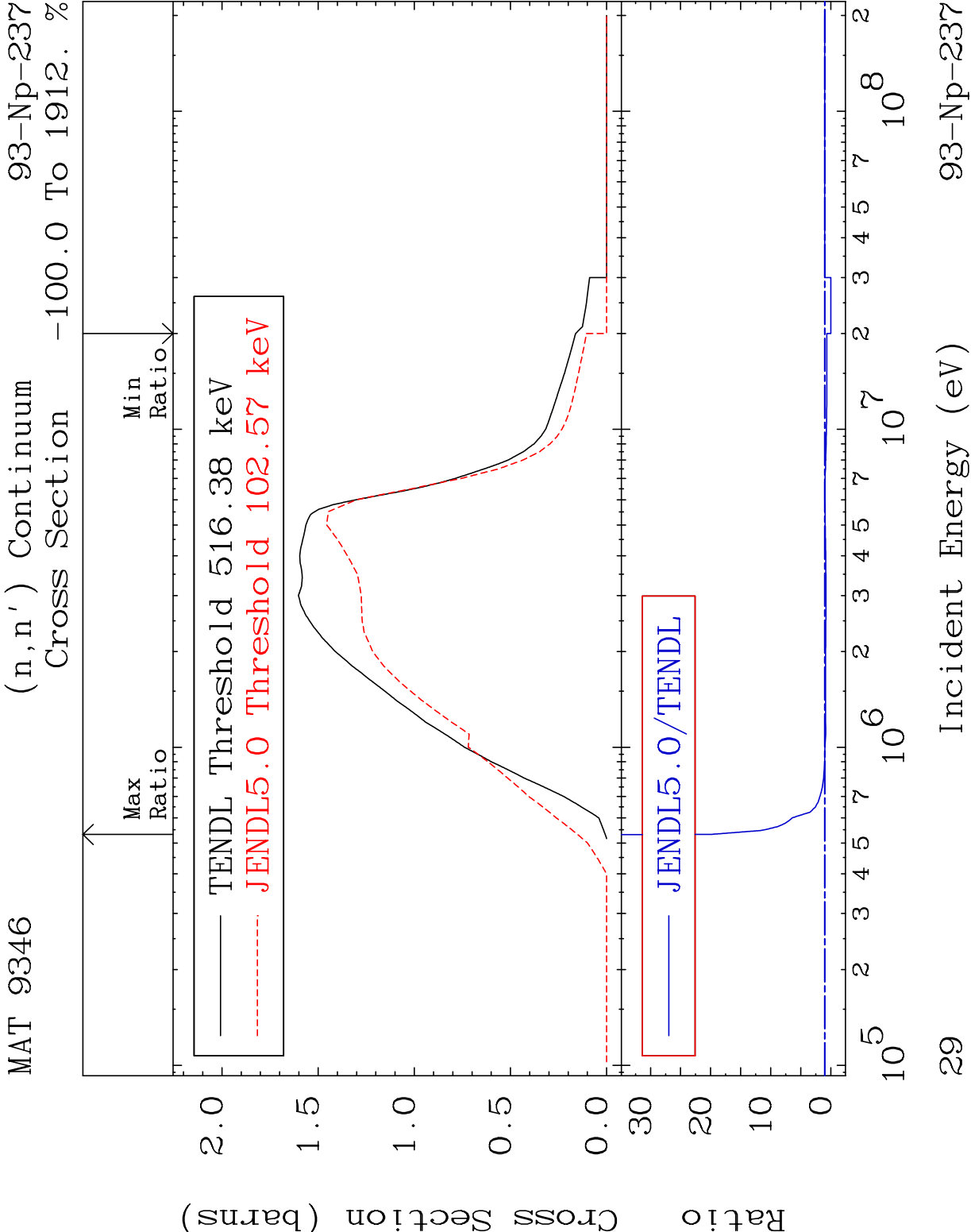


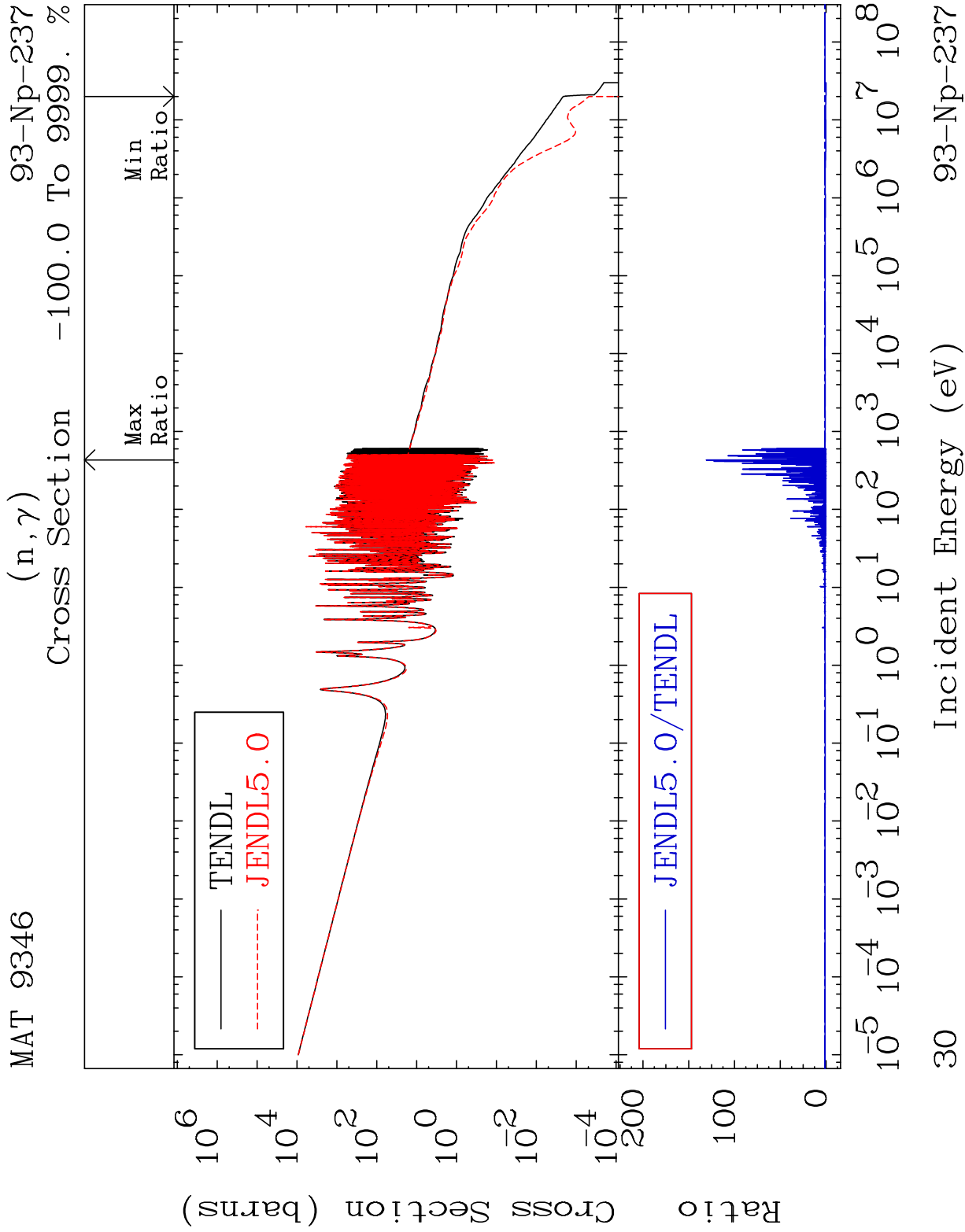
MAT 9346 MT= 69 (n,n') Level 93-Np-237
Cross Section -100.0 To 66.45 %

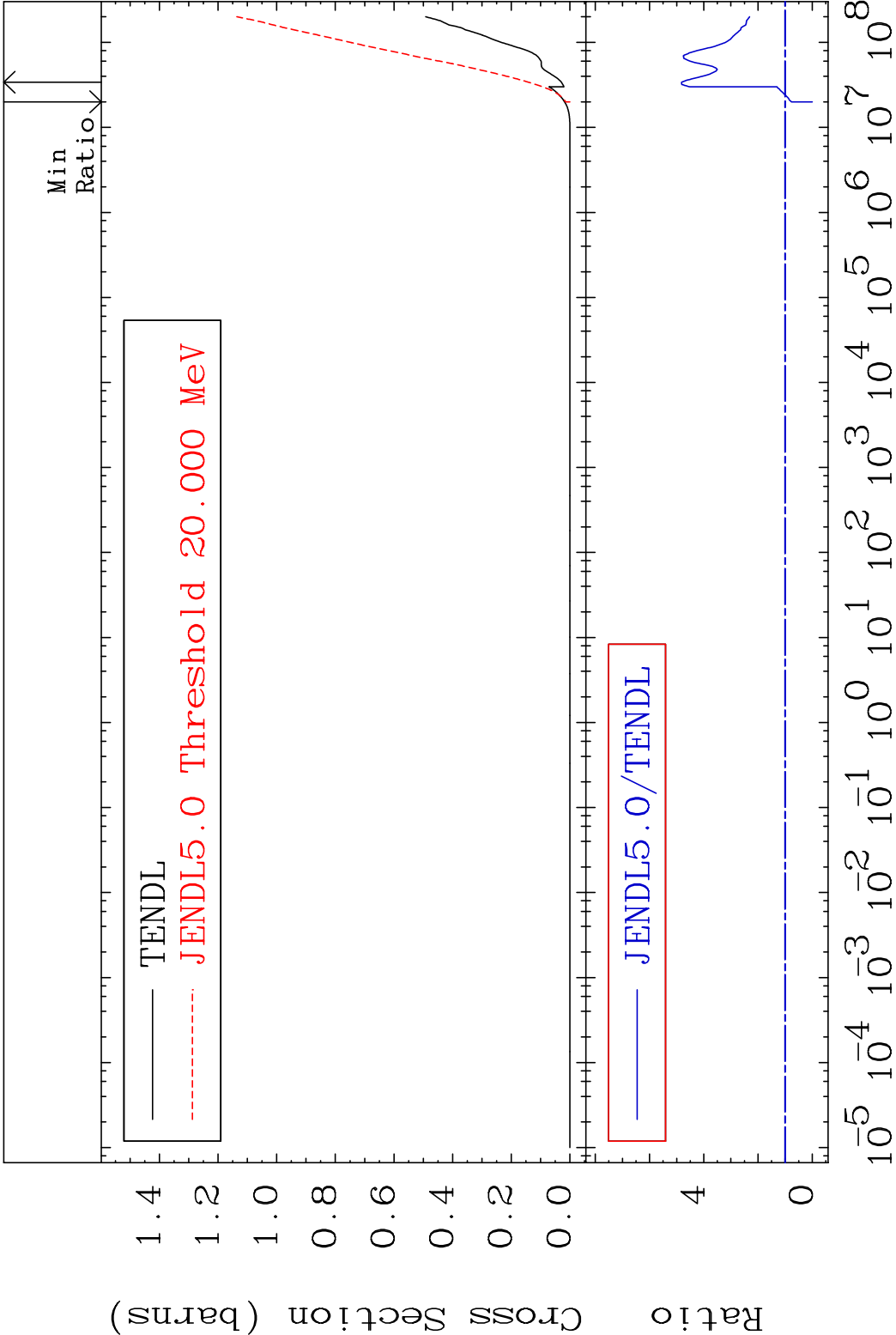


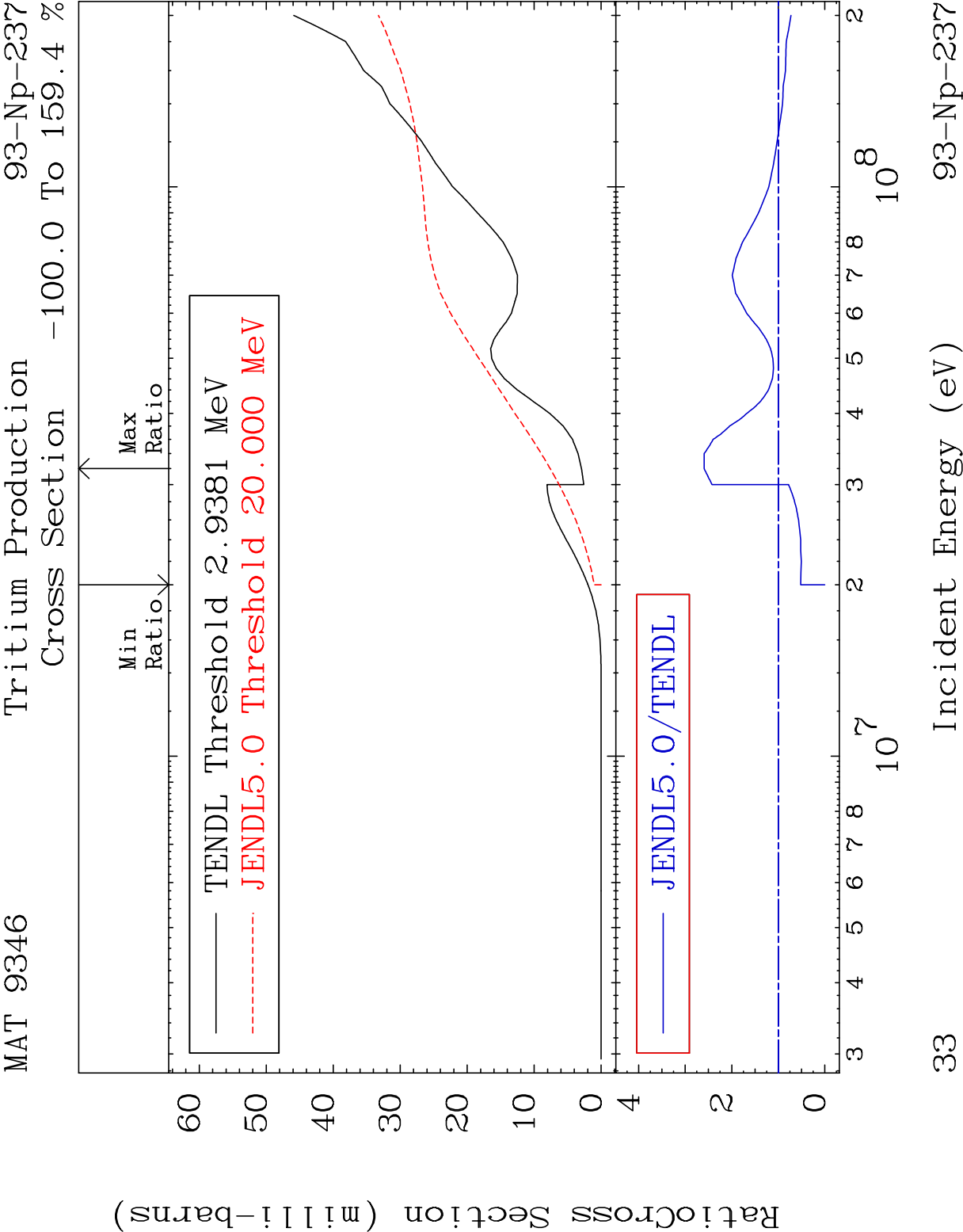
27 Incident Energy (eV) 93-Np-237

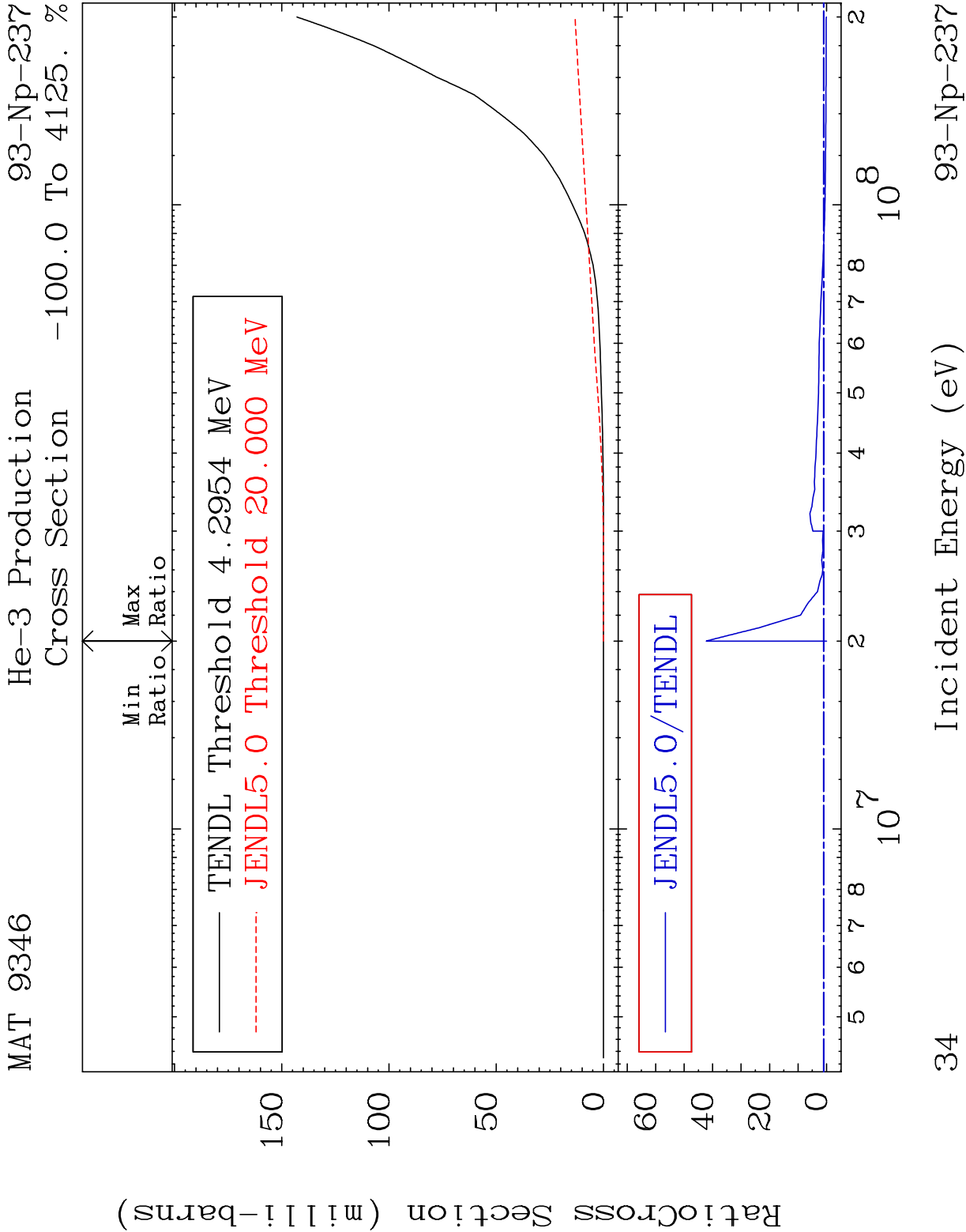




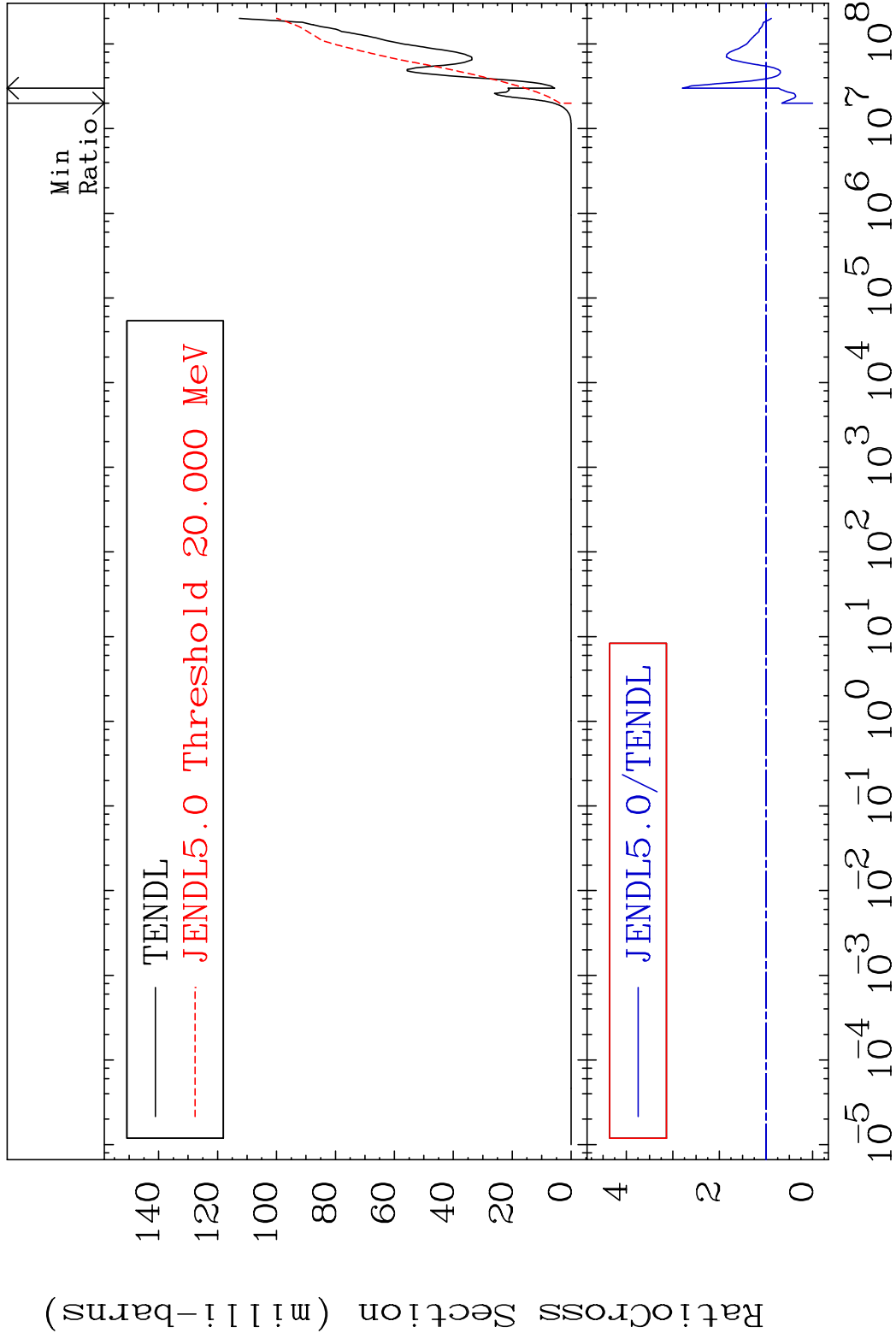








MAT 9346 He-4 Production 93-Np-237
Cross Section -100.0 To 179.5 %



35 Incident Energy (eV) 93-Np-237

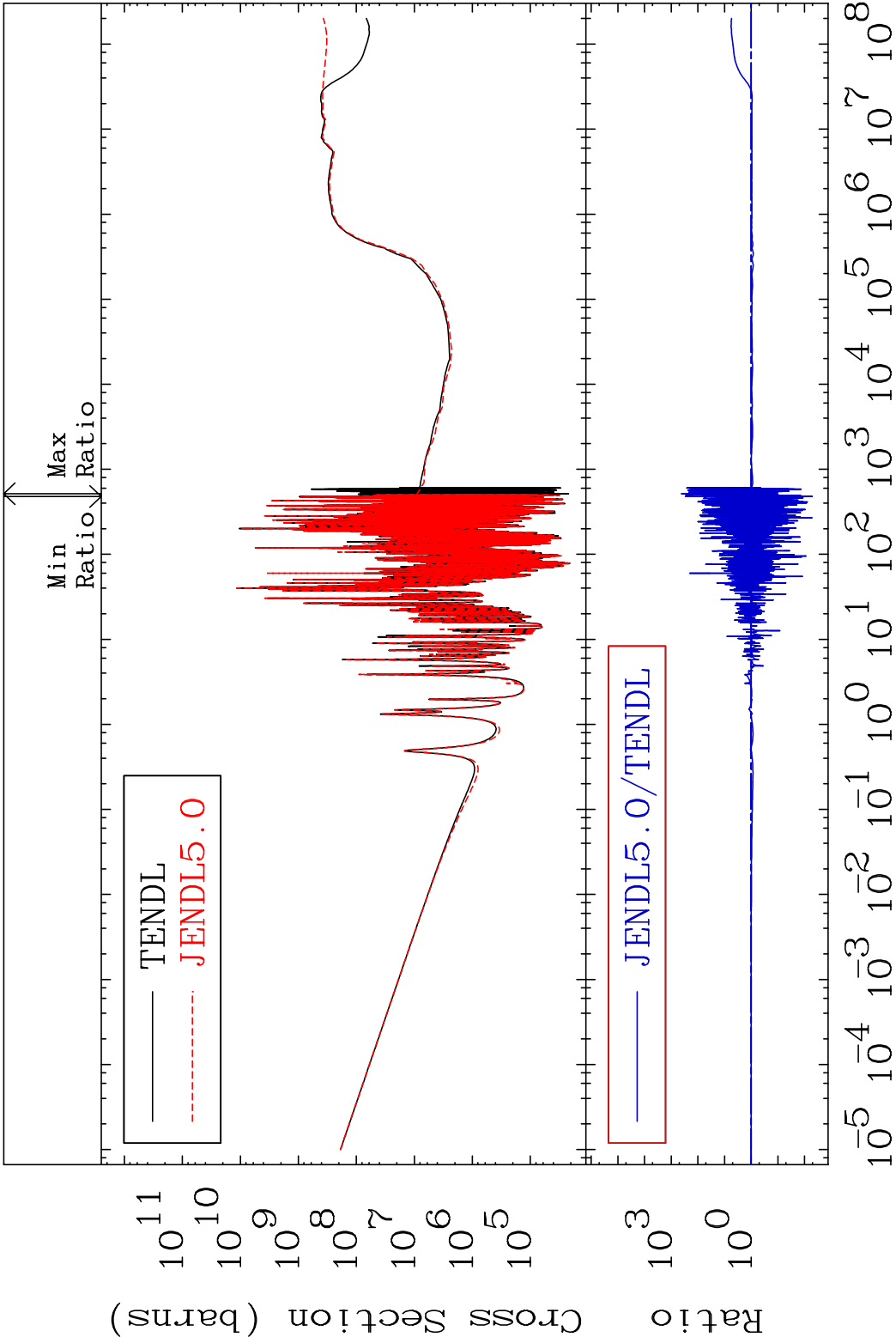
MAT 9346

Kerma total (eV-barns)

93-Np-237

Cross Section

-99.48 To 9999. %

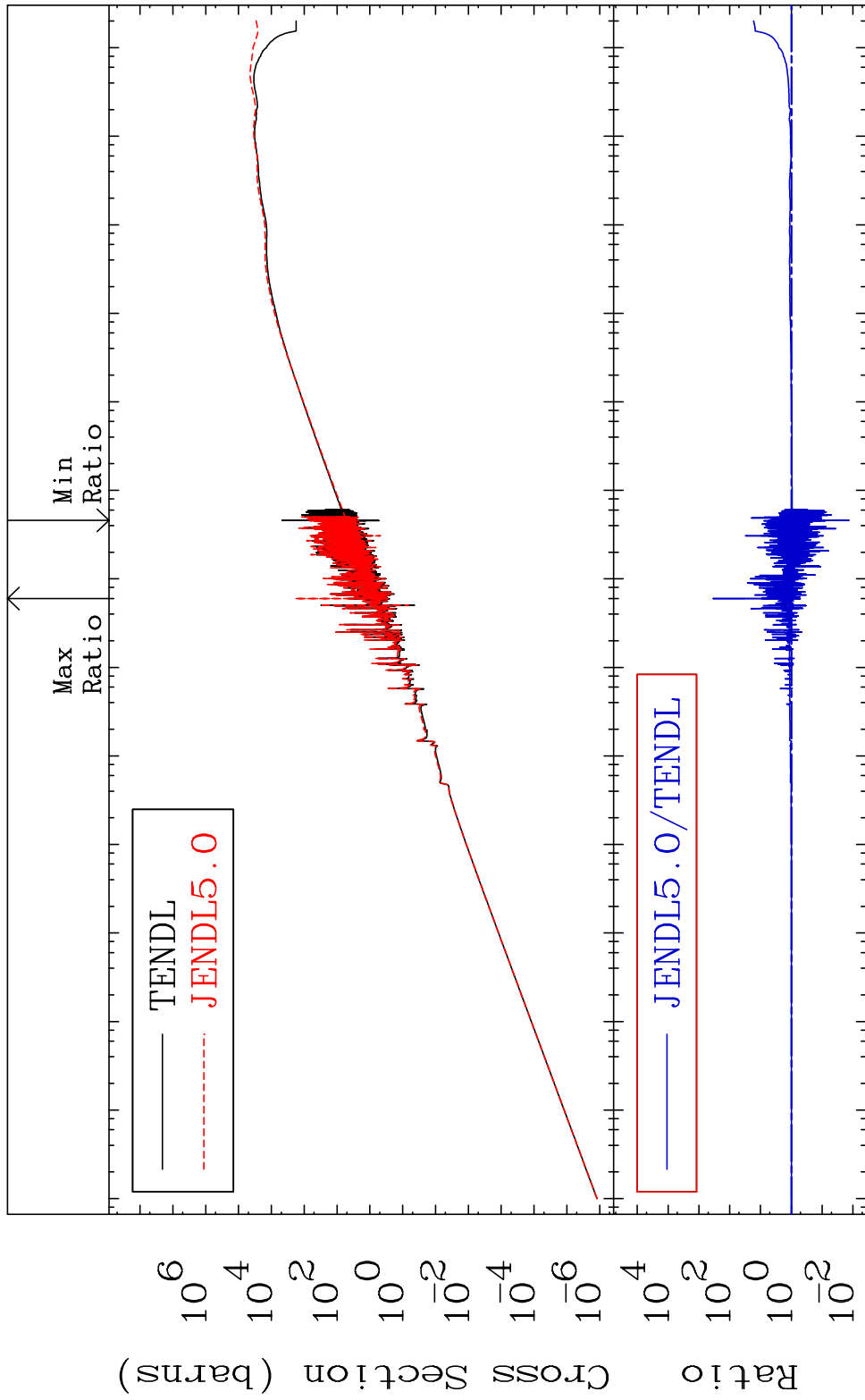


MAT 9346

Kerma elastic

93-Np-237

Cross Section -98.69 To 9999. %

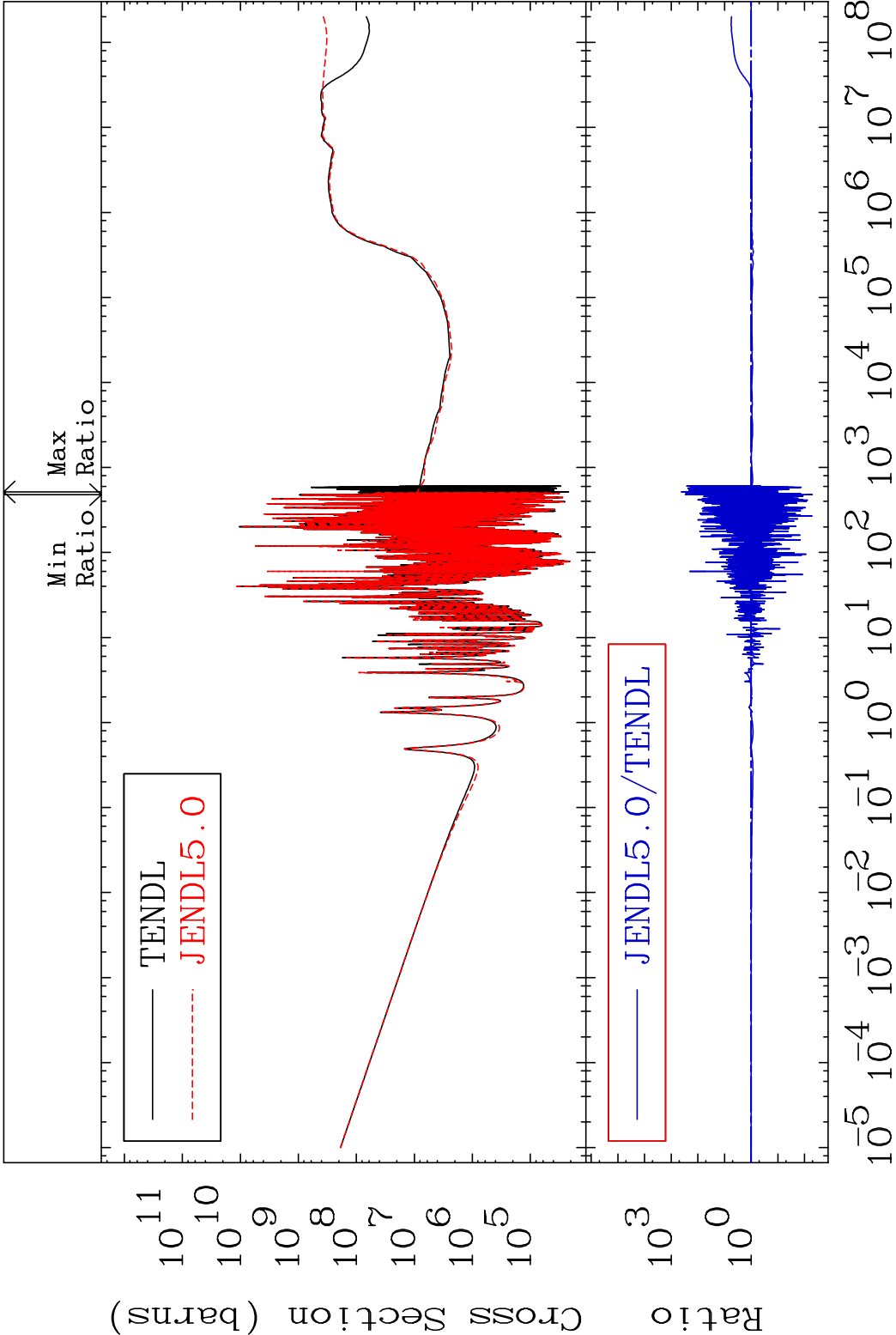


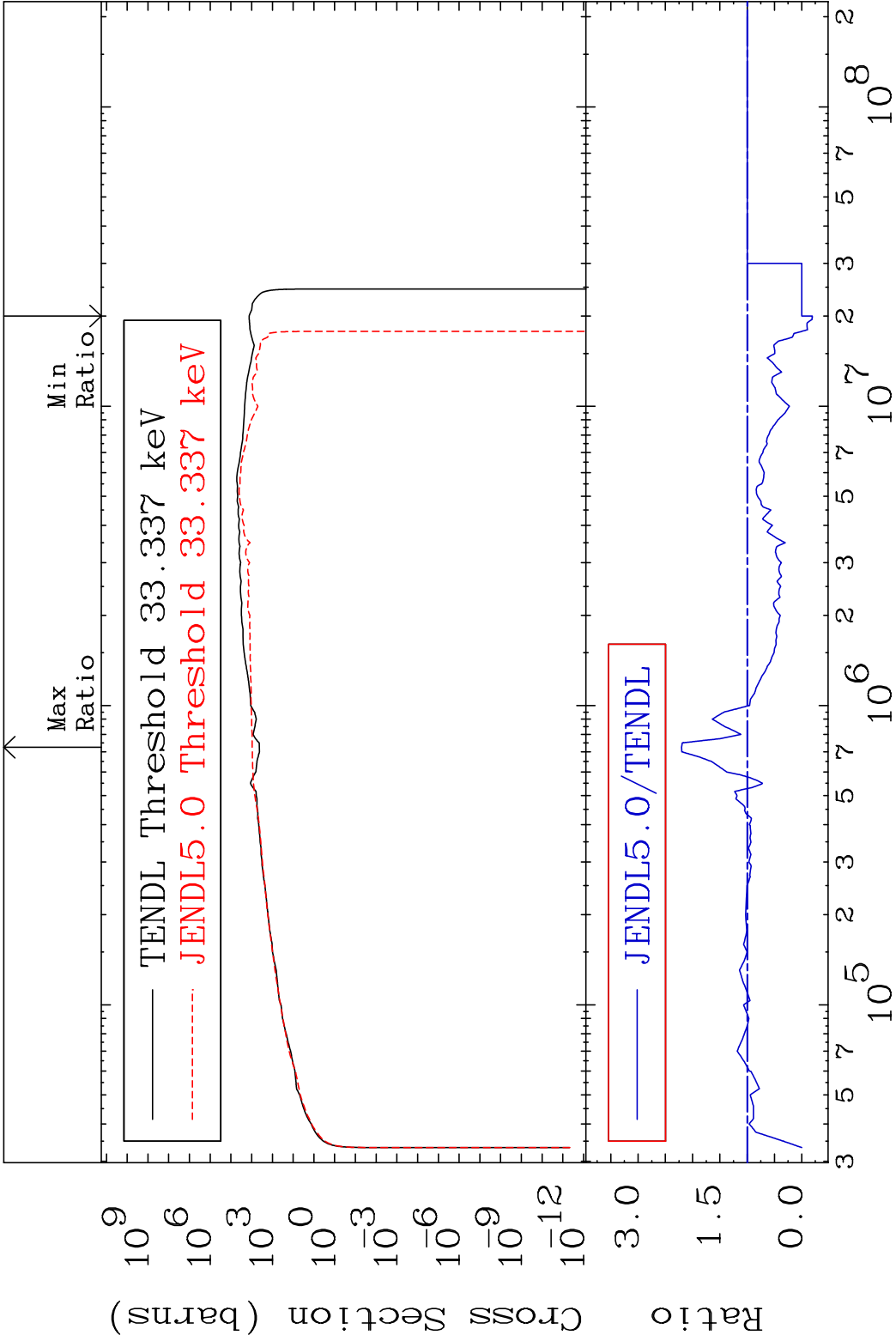
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

37

Incident Energy (eV)

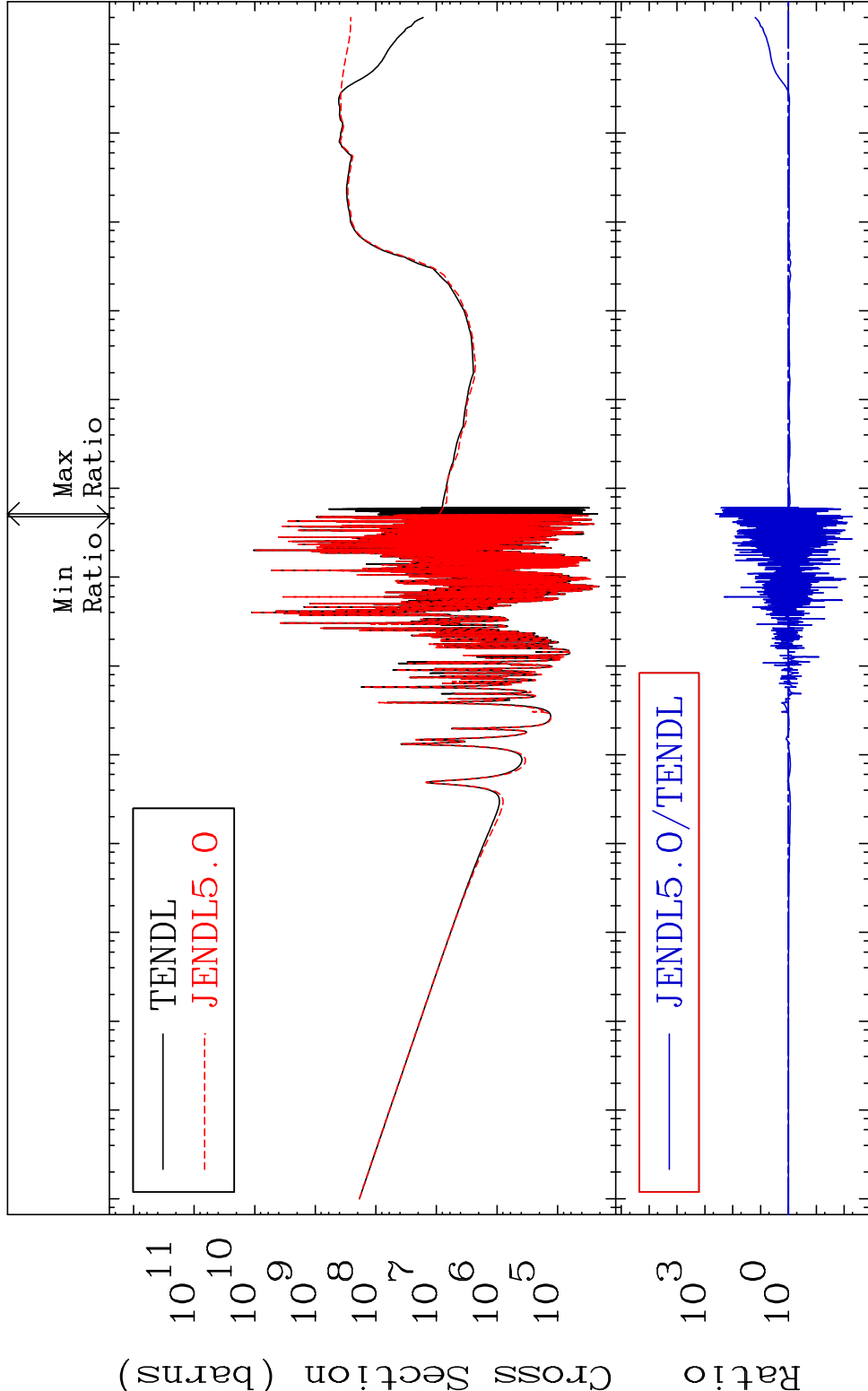
93-Np-237



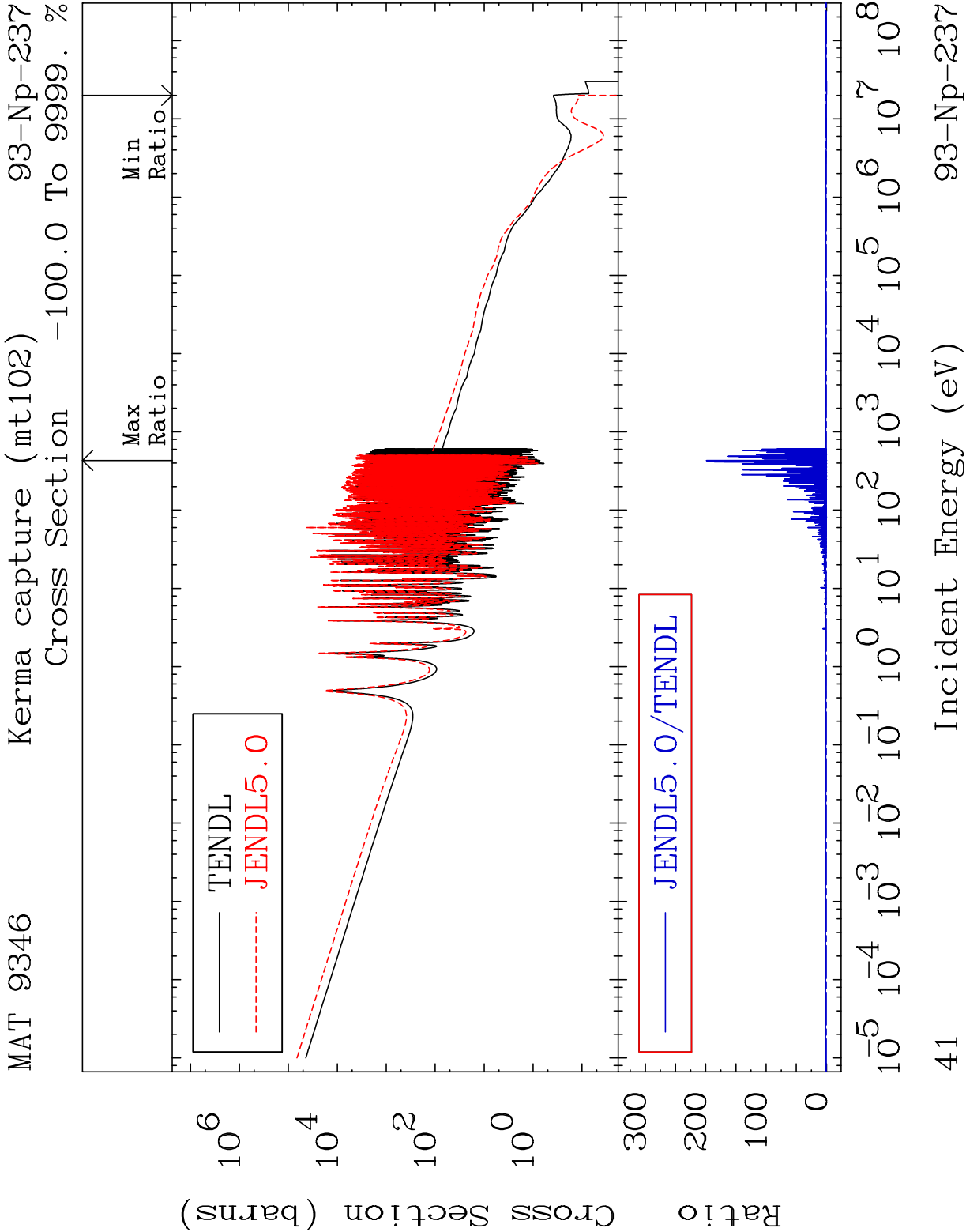


MAT 9346 Kerma fission (mt18 or mt19-20-21-38) 93-Np-237

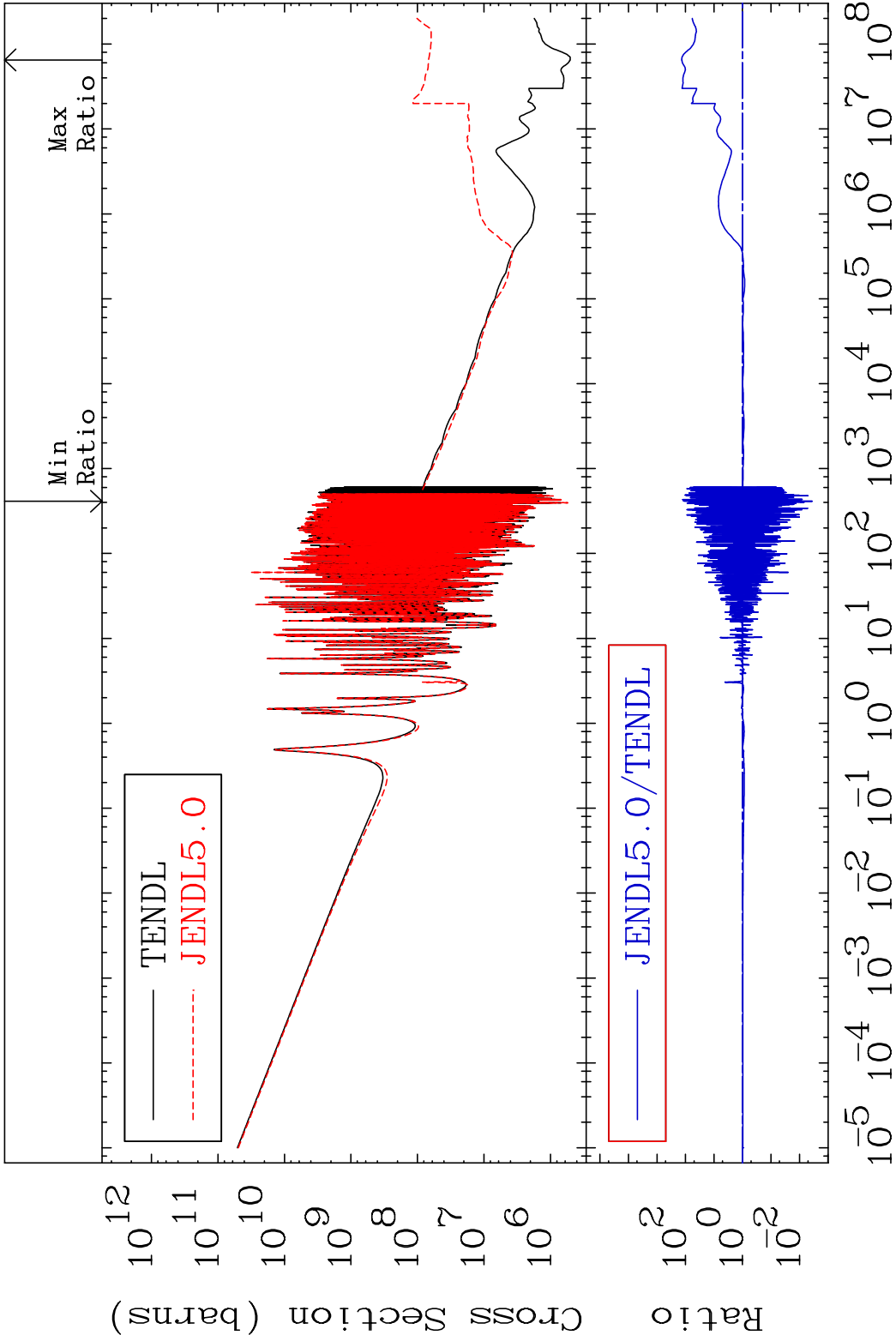
Cross Section -99.48 To 9999. %



Incident Energy (eV) 93-Np-237

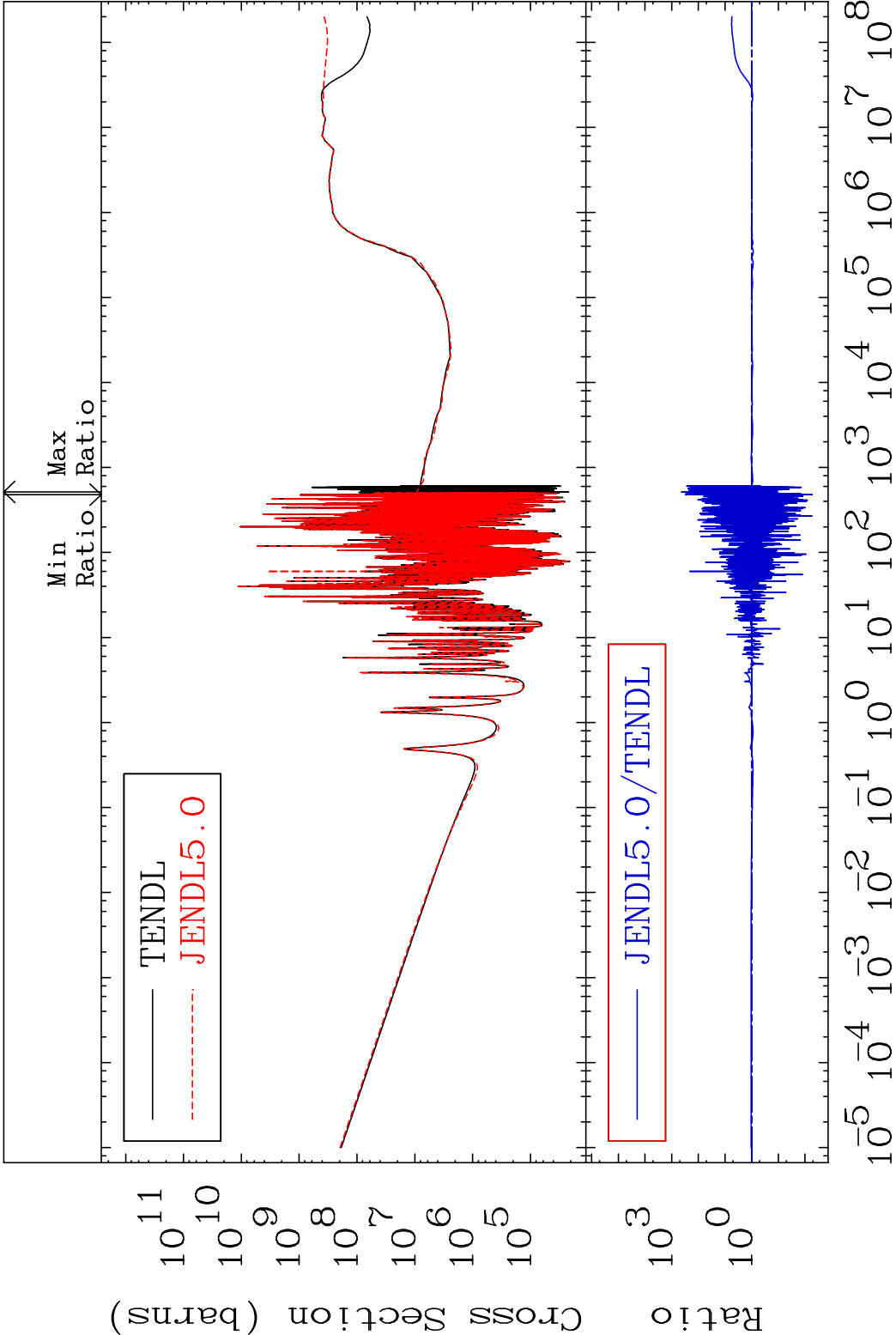


MAT 9346 Total photon (eV-barns) 93-Np-237
Cross Section -99.65 To 9999. %



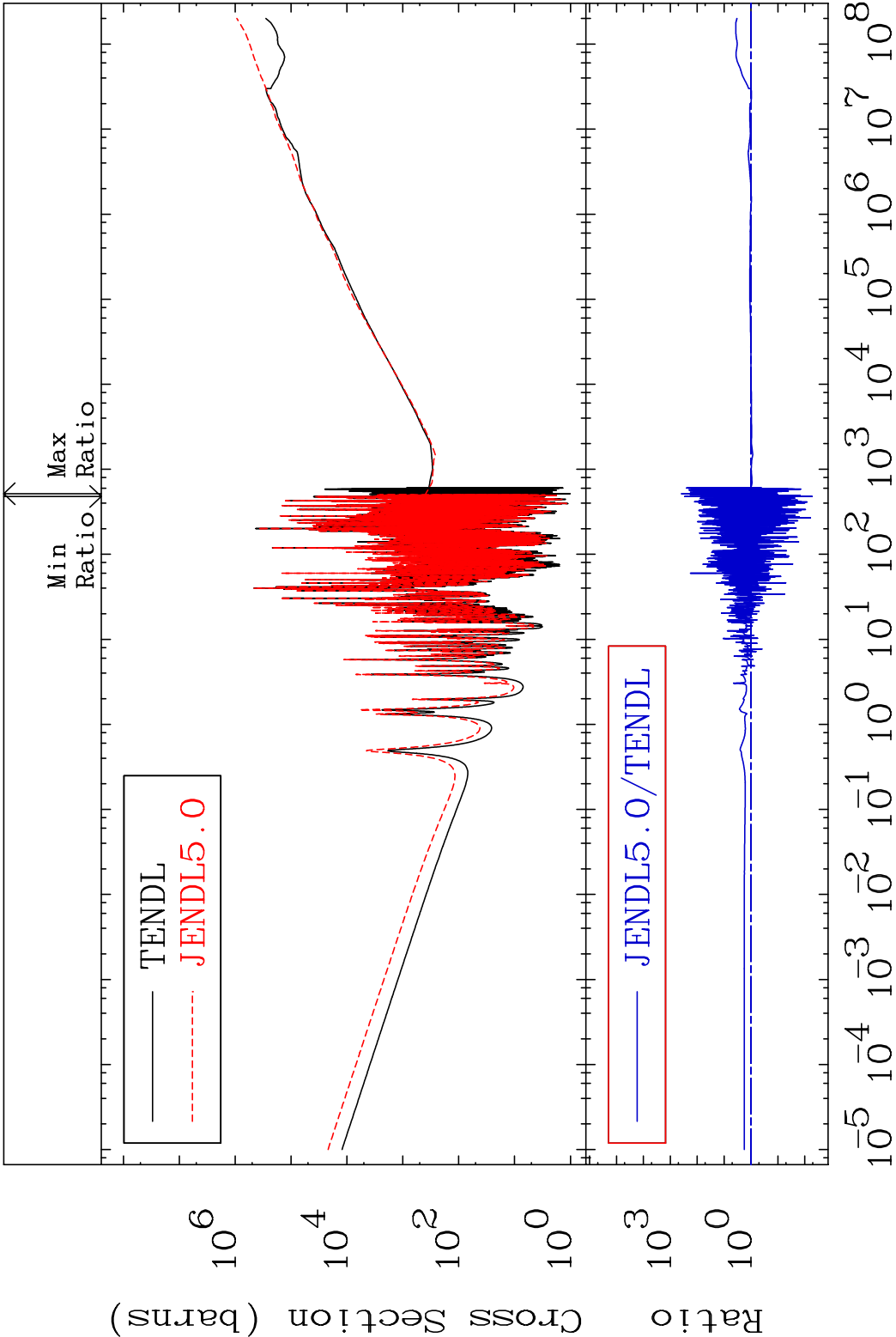
42 Incident Energy (eV) 93-Np-237

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

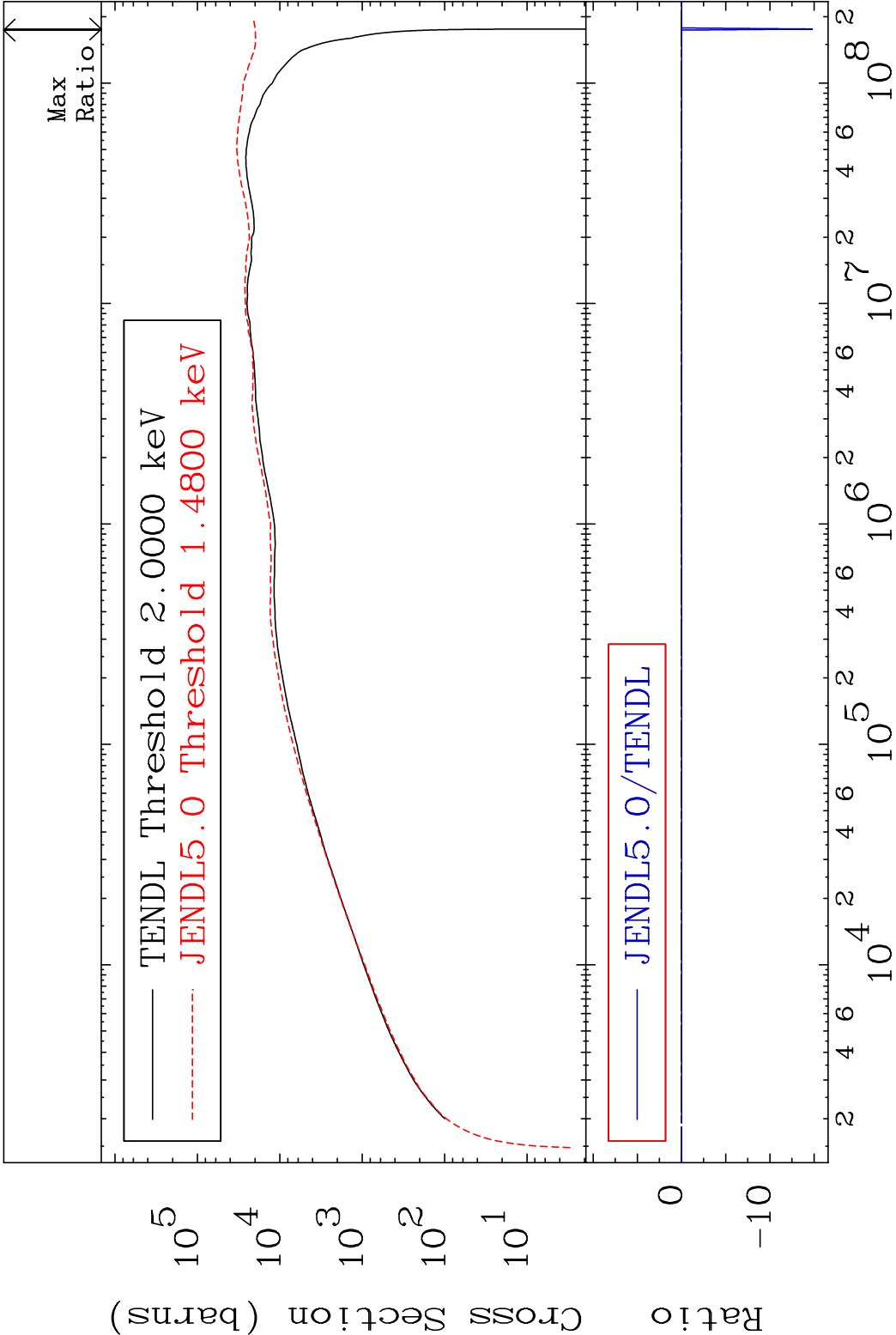


43 Incident Energy (eV) 93-Np-237

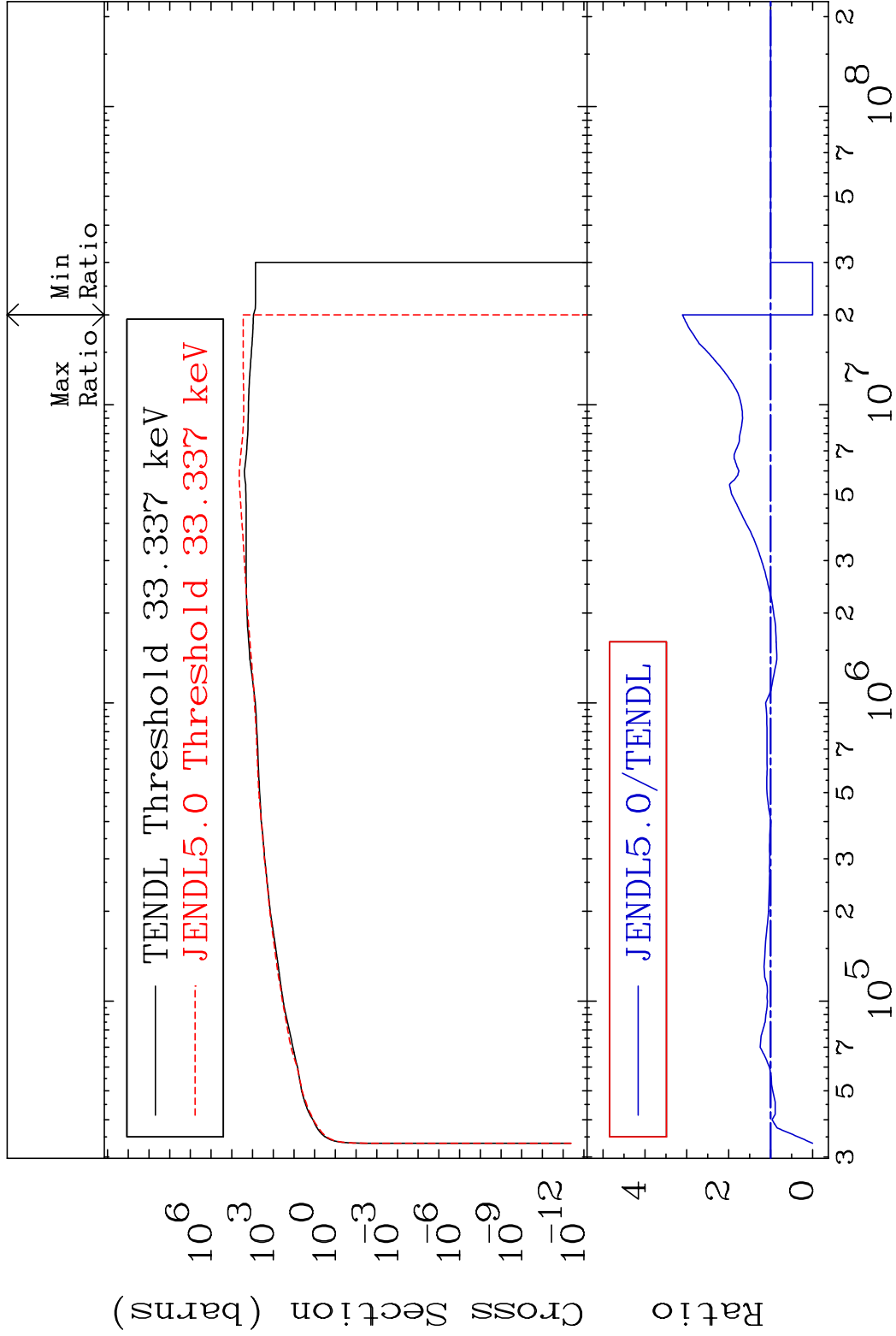
MAT 9346	Dpa total (eV-barns)	93-Np-237
	Cross Section	-99.47 To 9999. %



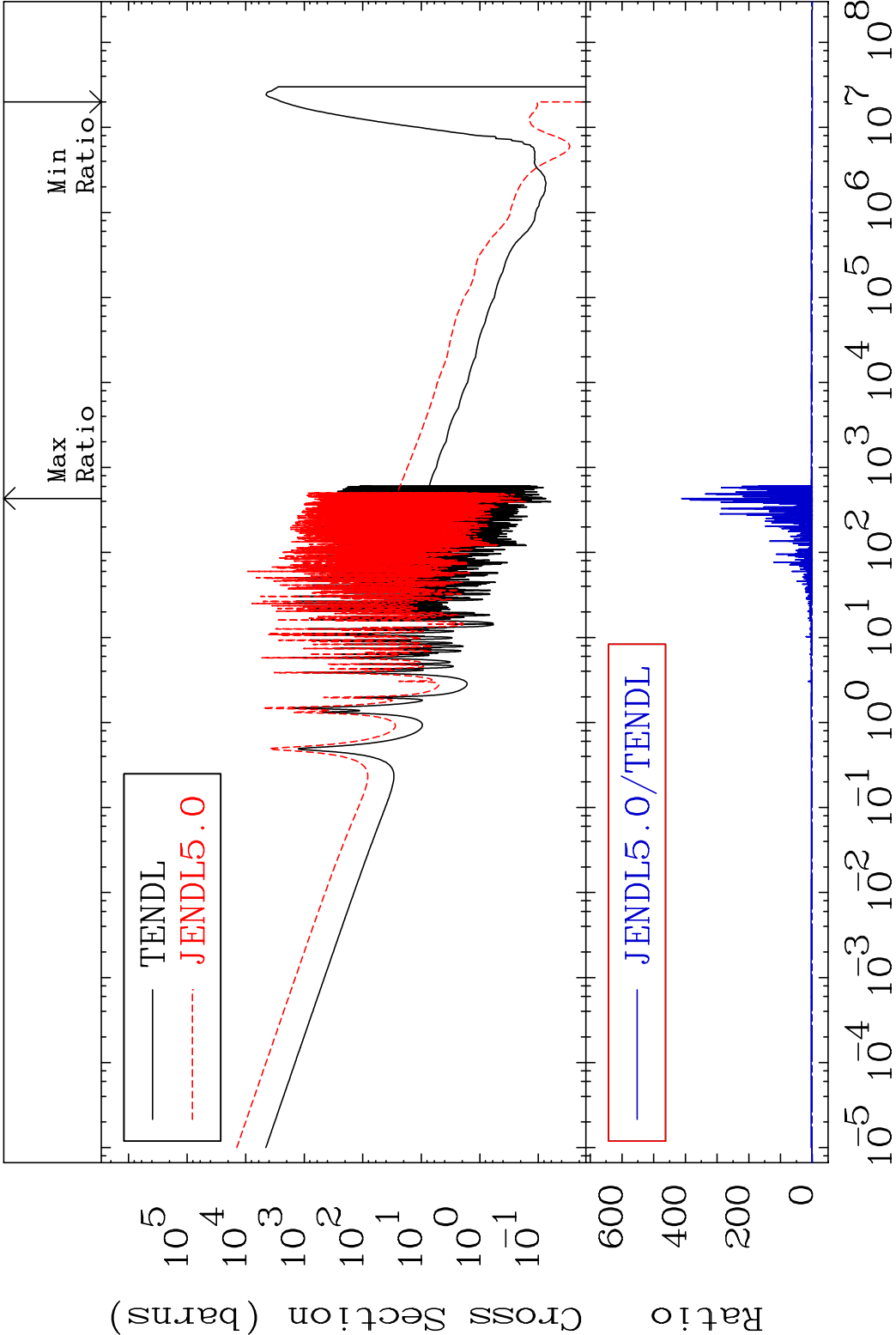
MAT 9346 Dpa elastic (mt2) 93-Np-237
Cross Section -9999. To 9999. %



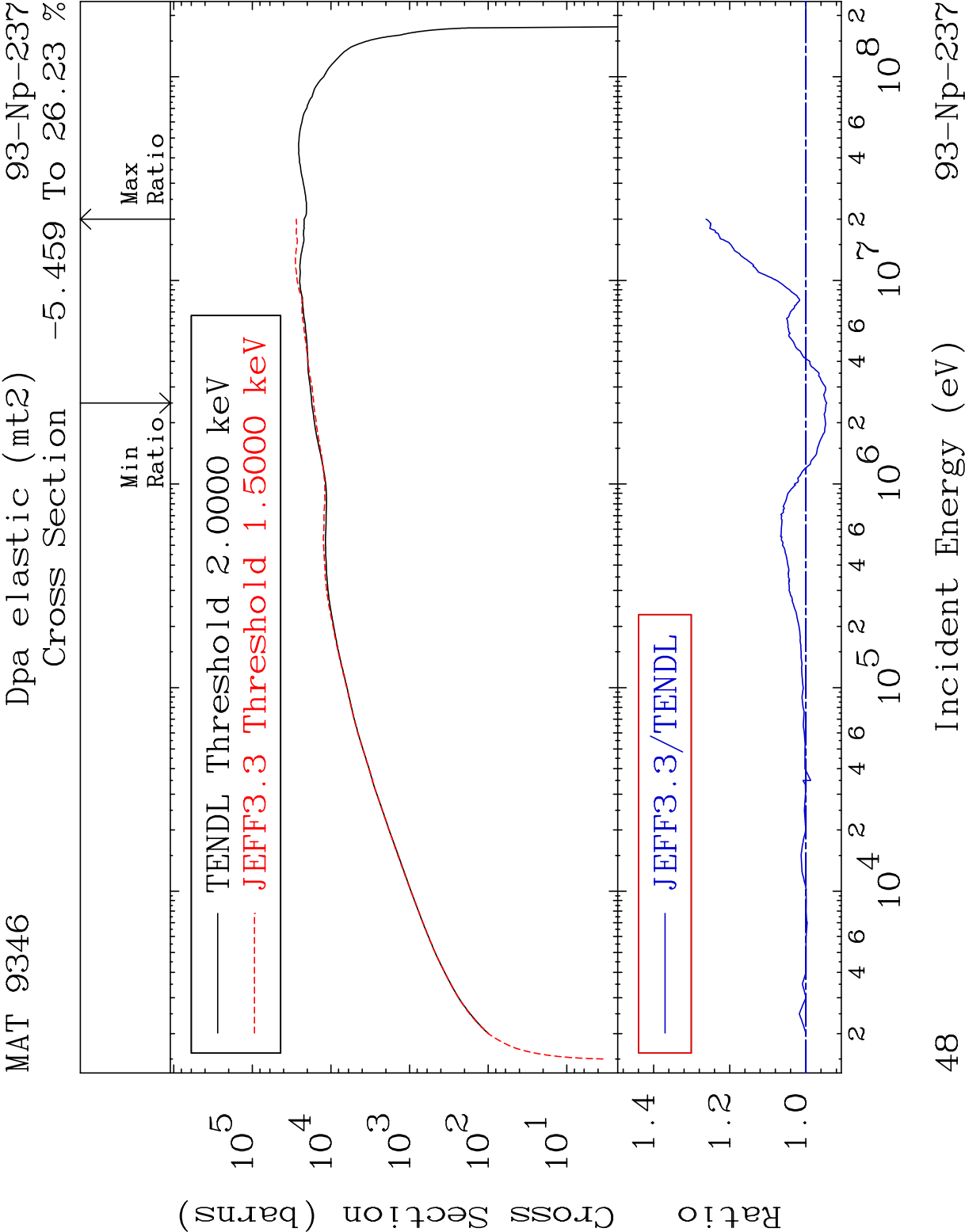
45 Incident Energy (eV) 93-Np-237

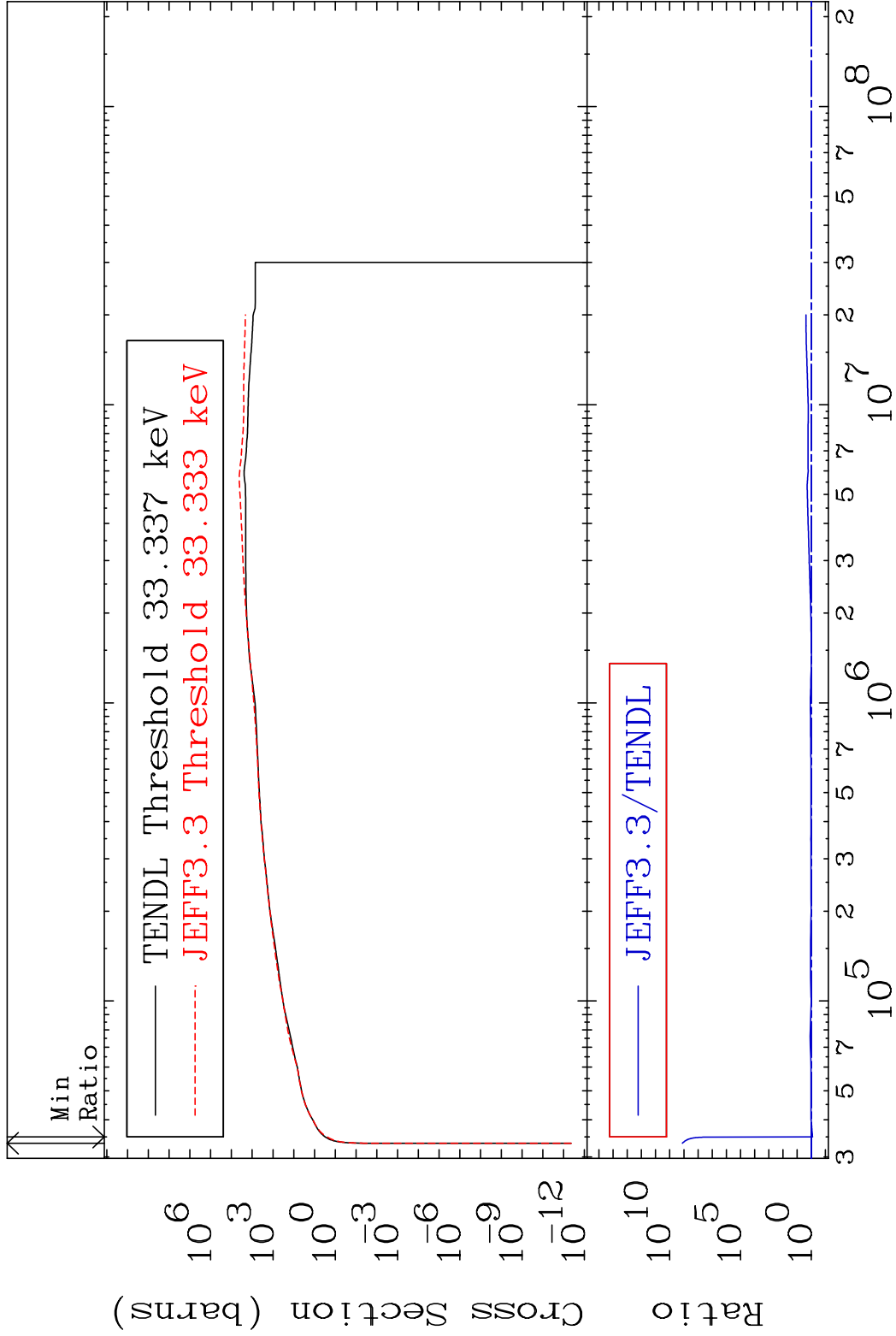


MAT 9346 Dpa disappearance (mt102 -120) 93-Np-237
Cross Section -100.0 To 9999. %



47 Incident Energy (eV) 93-Np-237





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

