

Program Complot
(Version 2021-1)

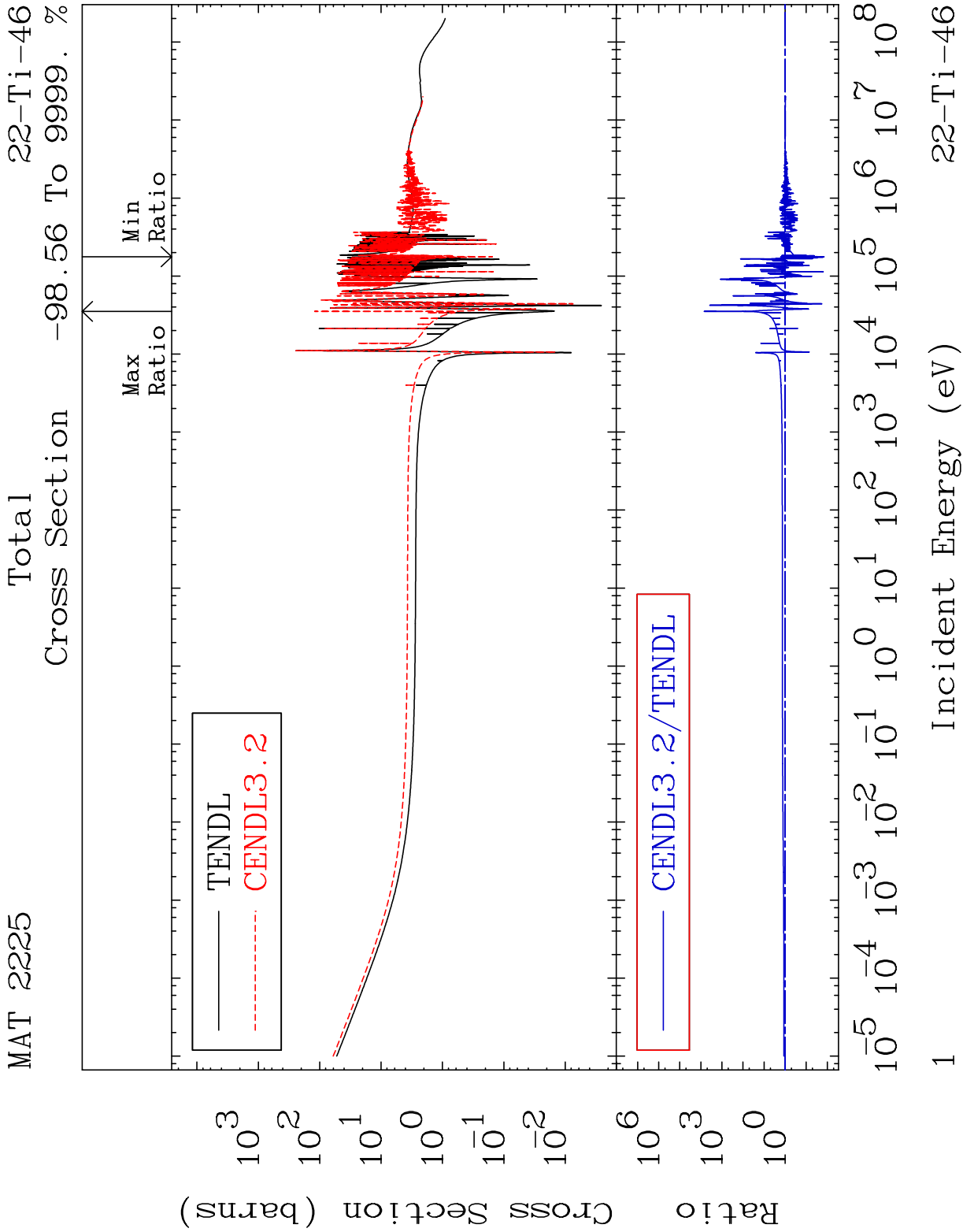
by

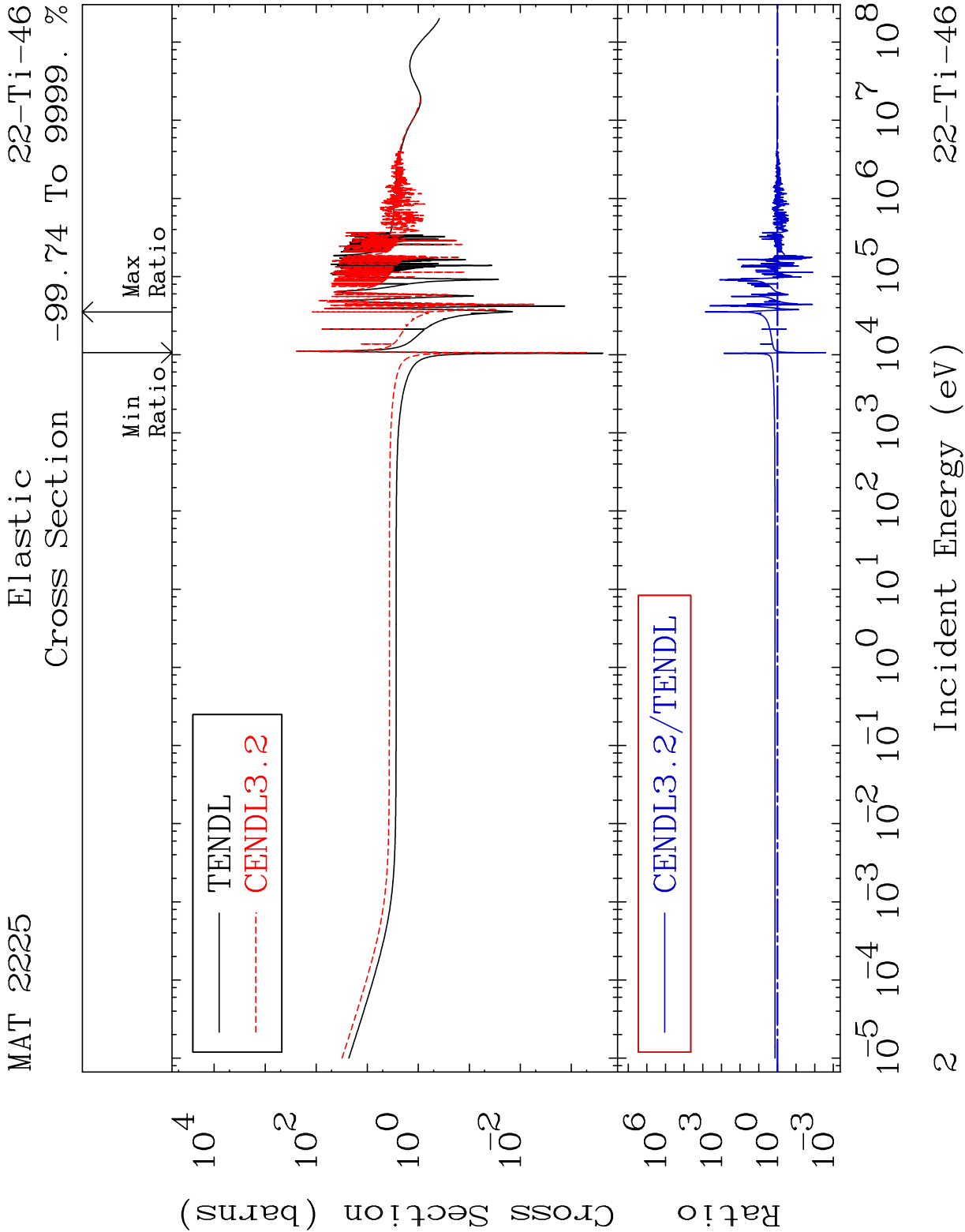
Dermott E. Cullen
(Present Contact Information)

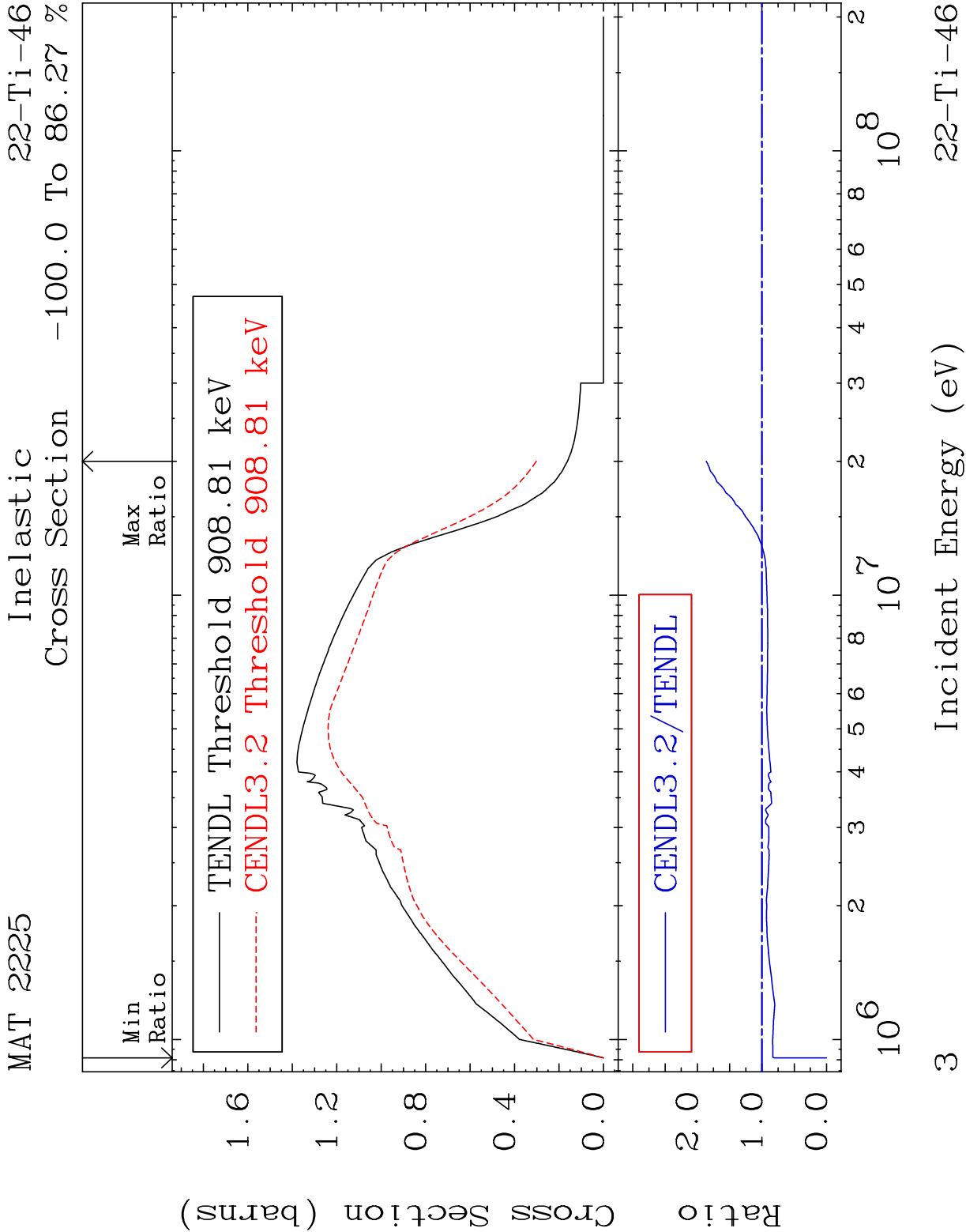
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

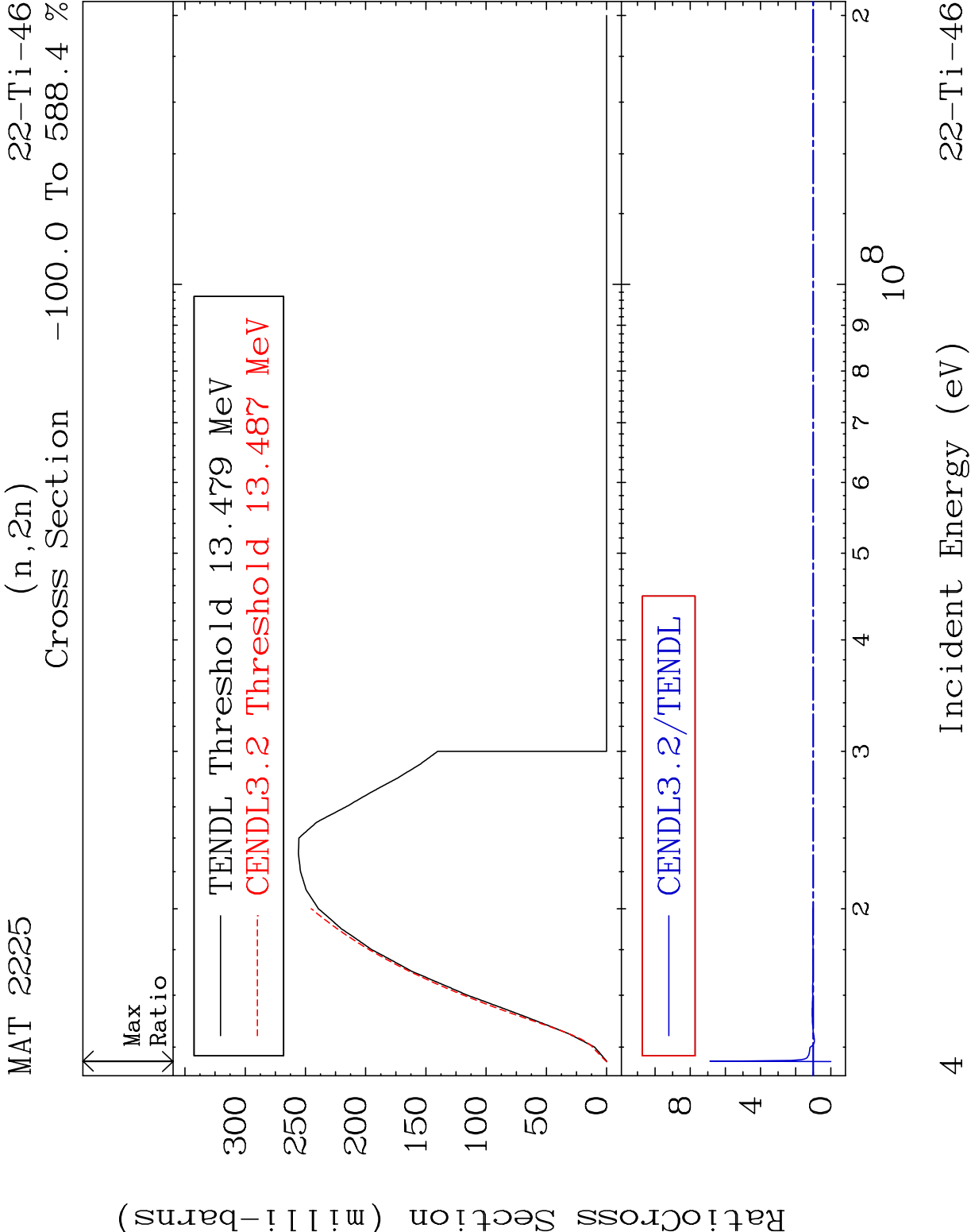
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

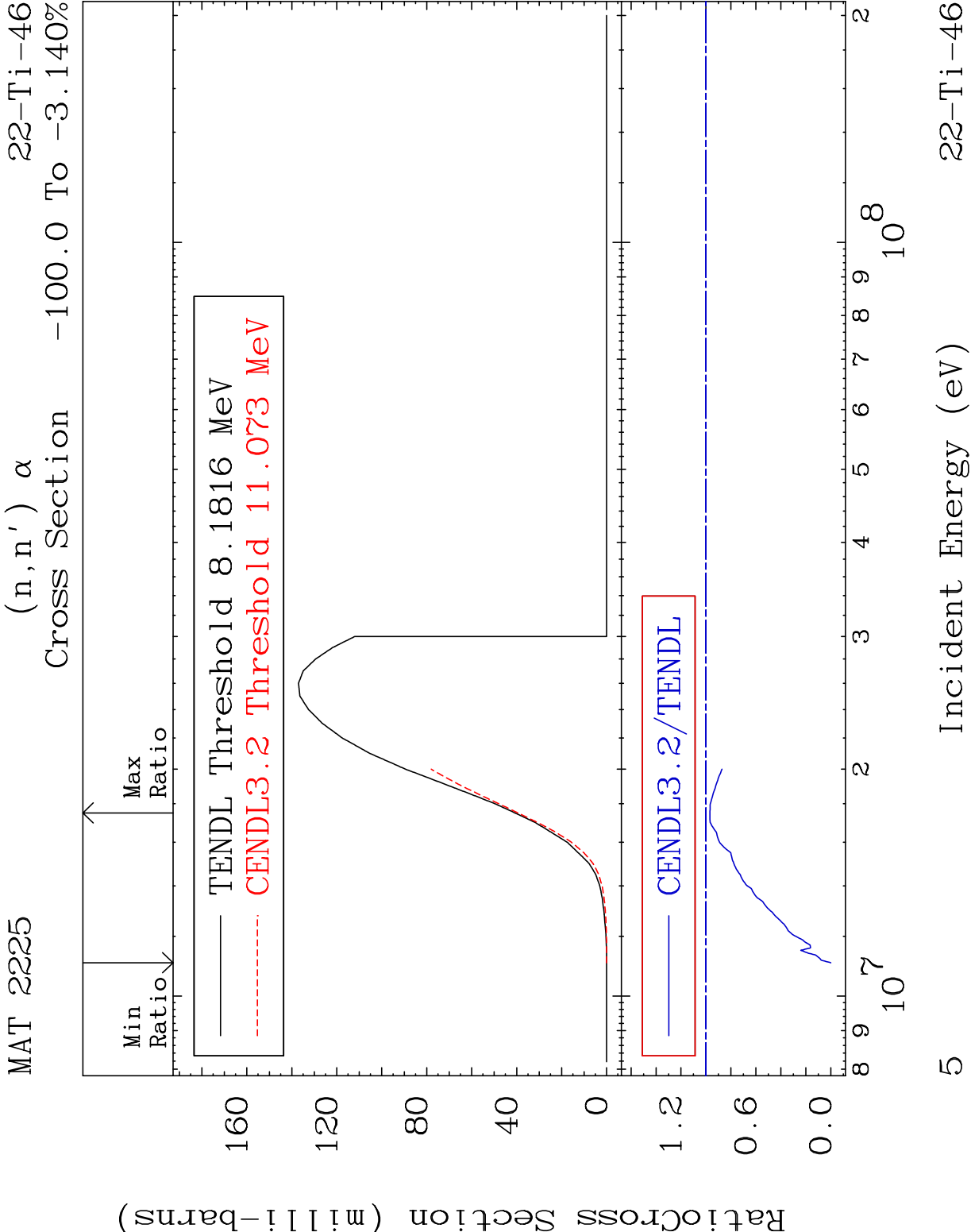
Press Mouse Button to Start

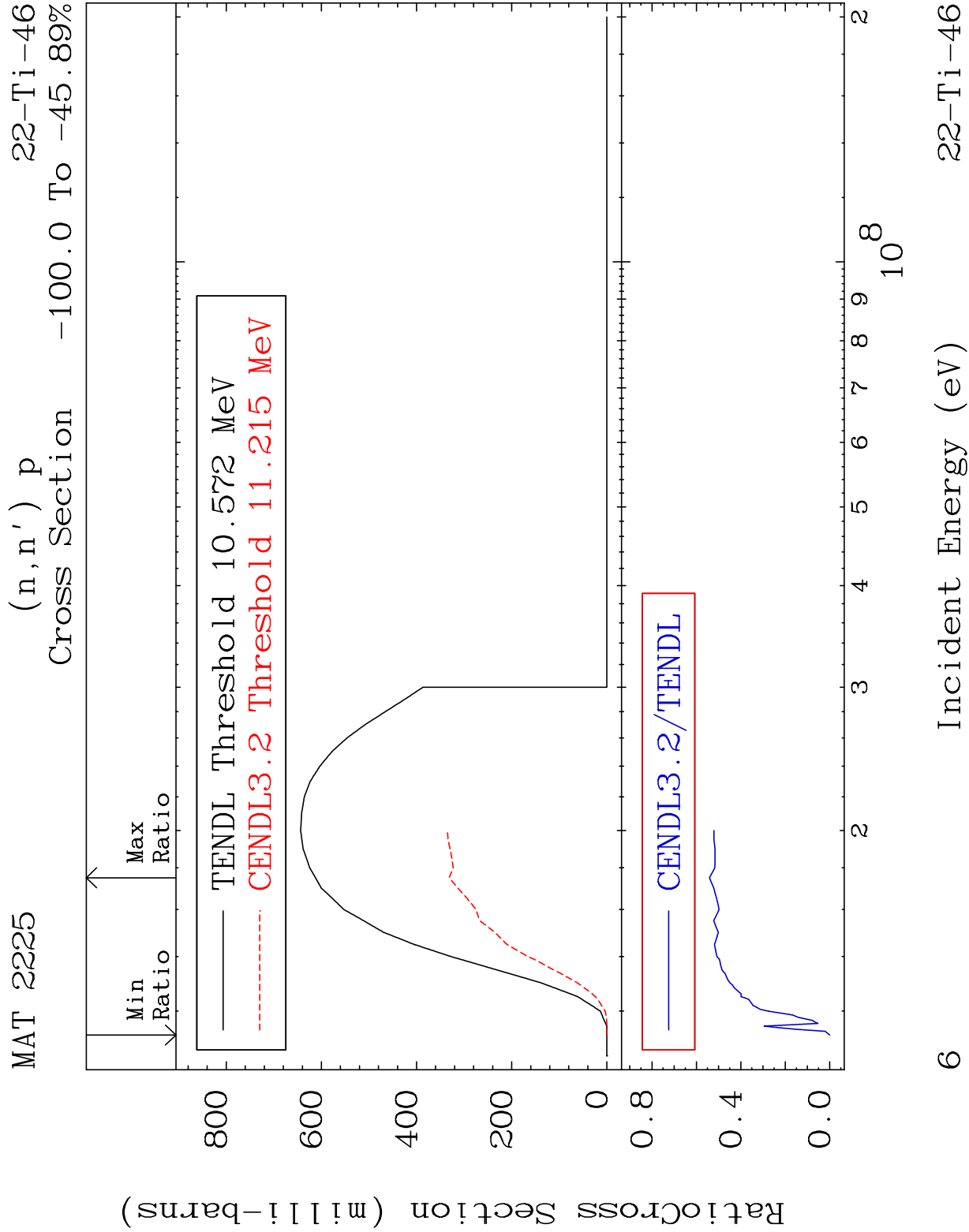




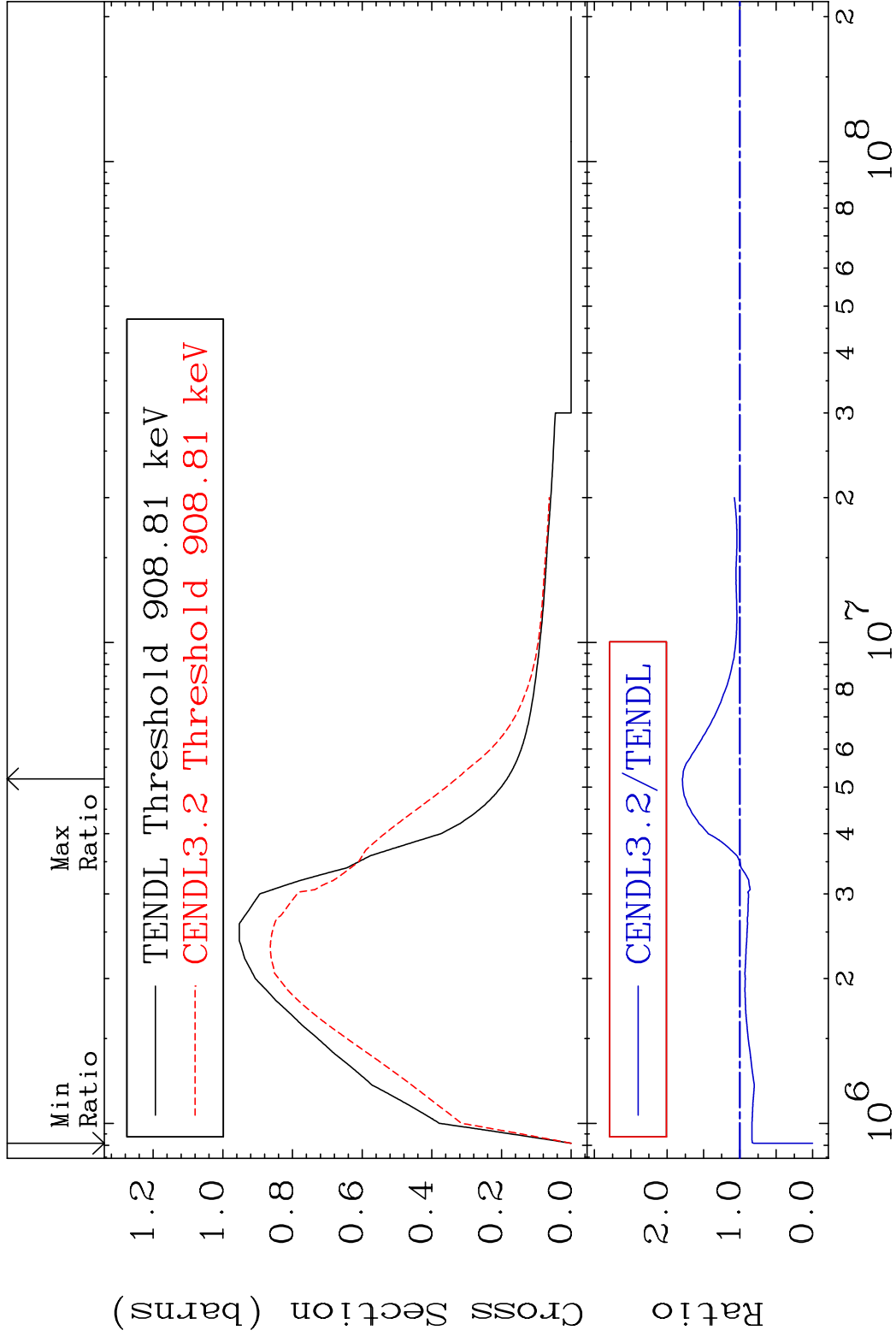




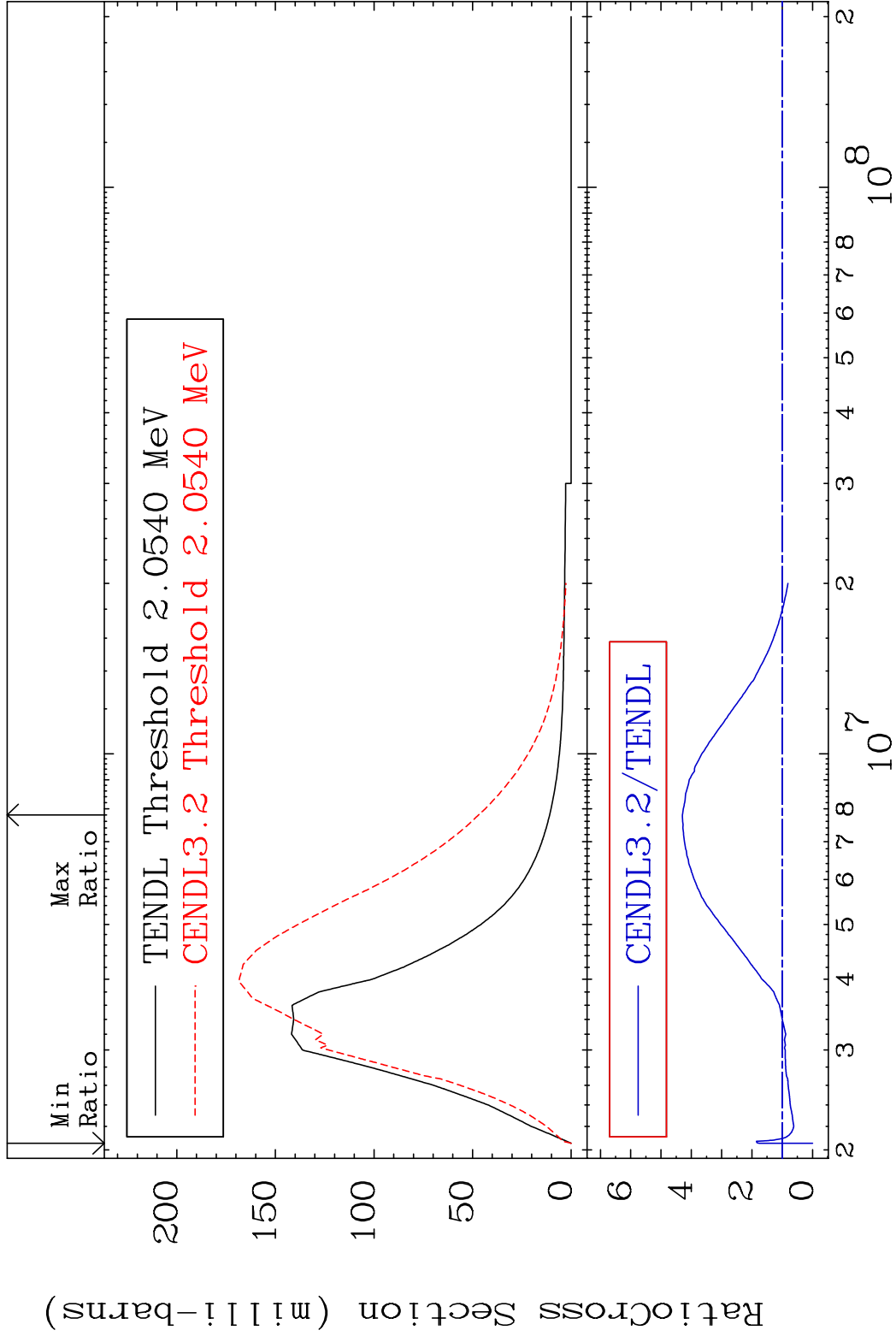




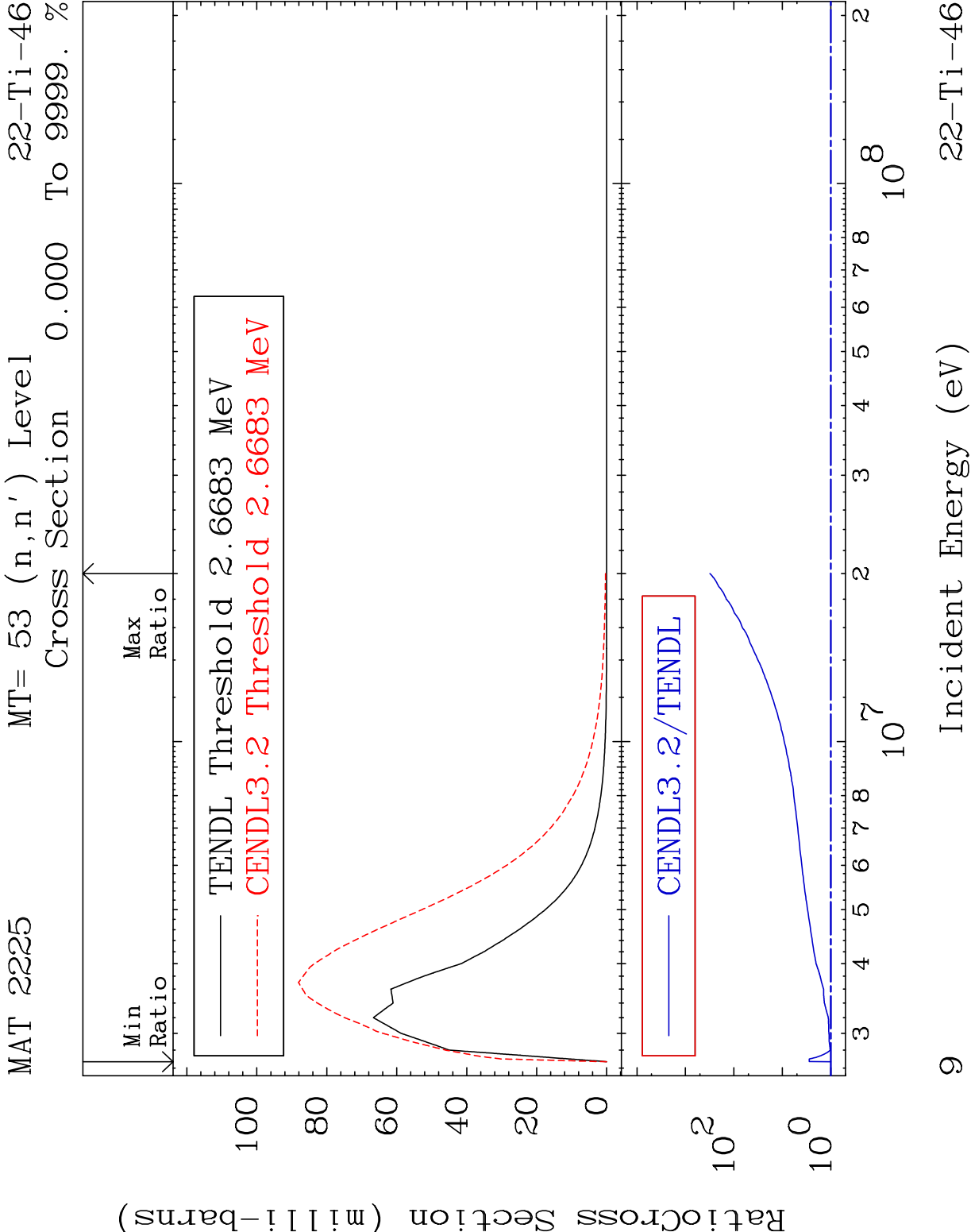
MAT 2225 MT= 51 (n,n') Level 22-Ti-46
Cross Section -100.0 To 79.07 %



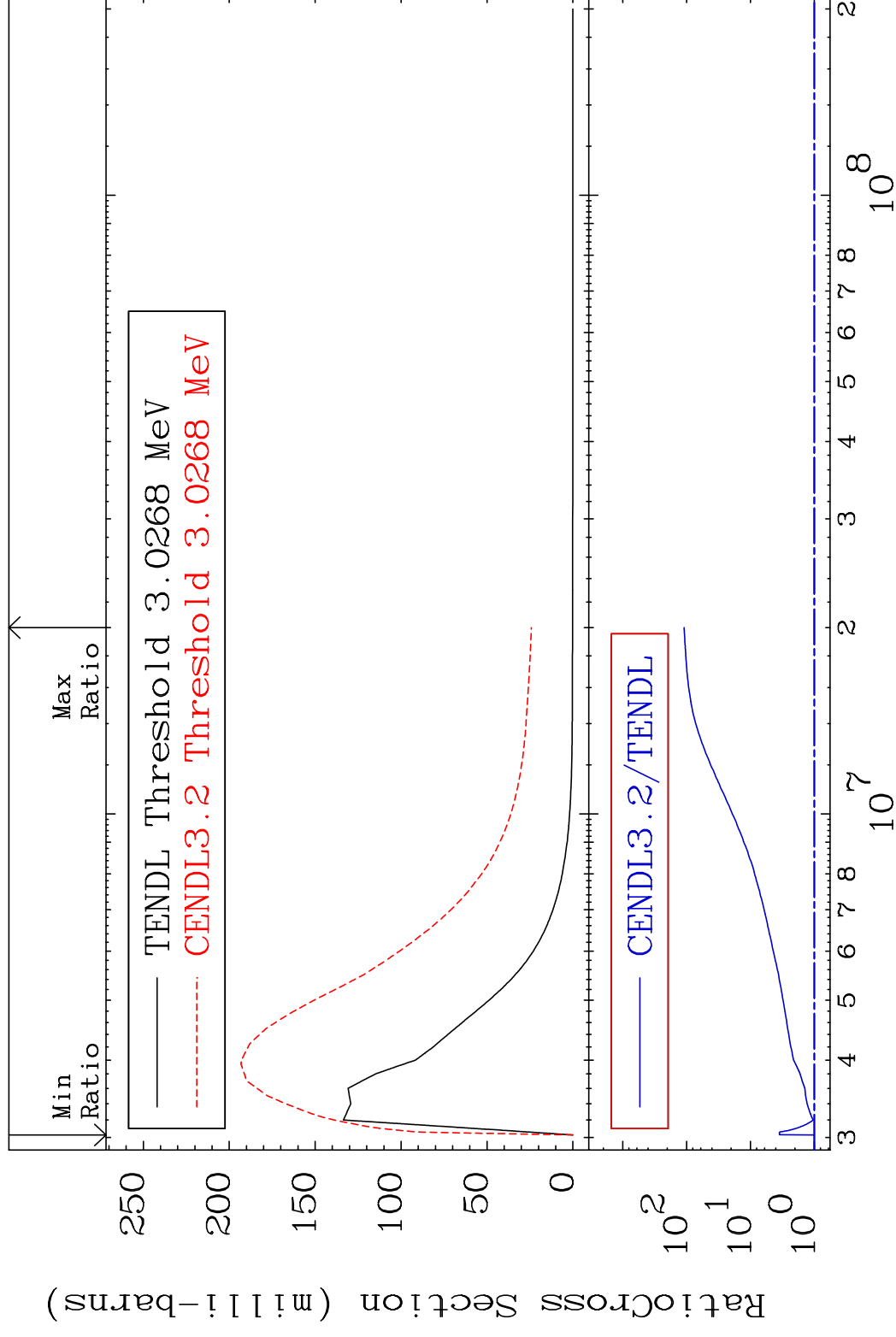
MAT 2225 MT= 52 (n,n') Level 22-Ti-46
Cross Section -100.0 To 329.6 %



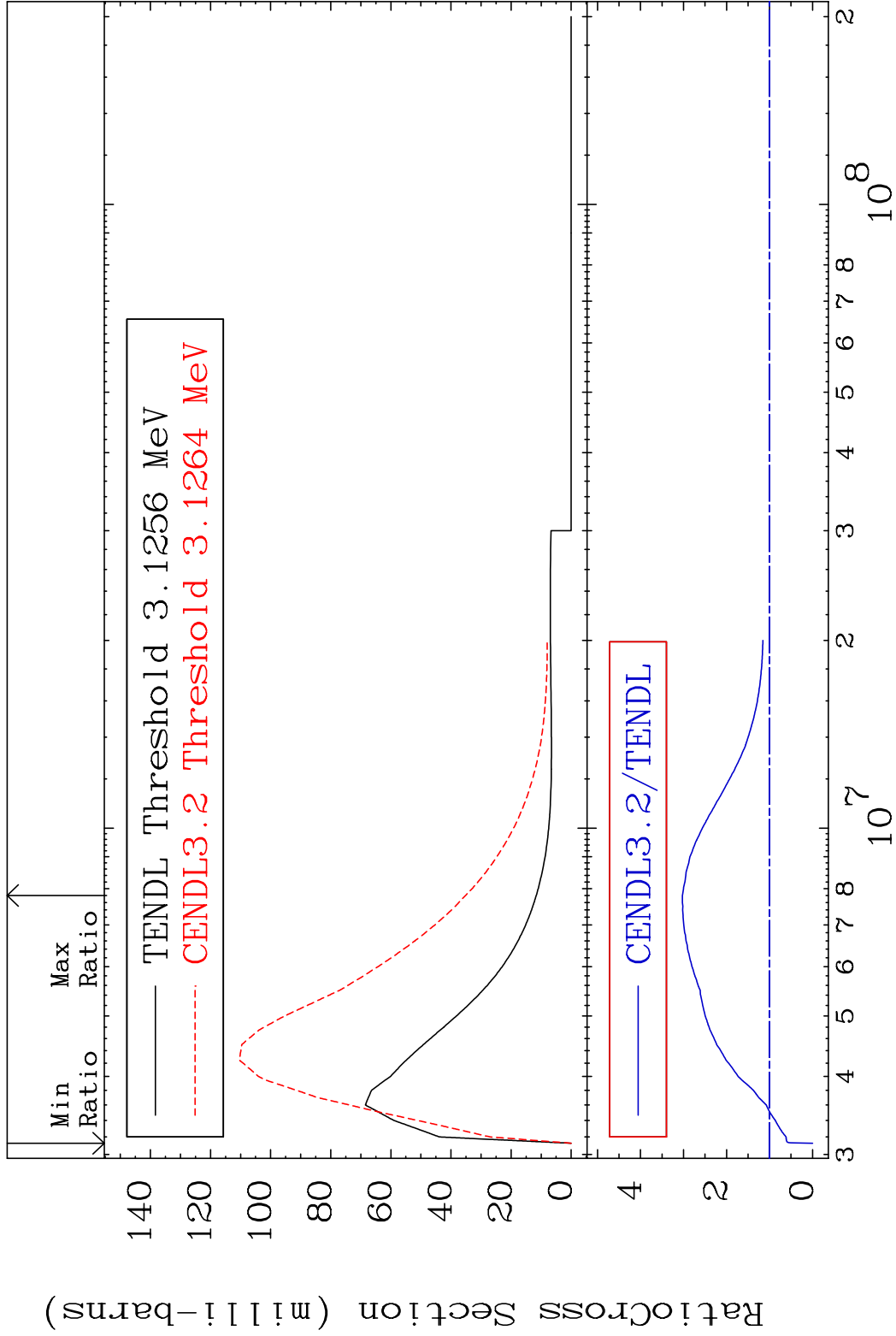
8 Incident Energy (eV) 22-Ti-46

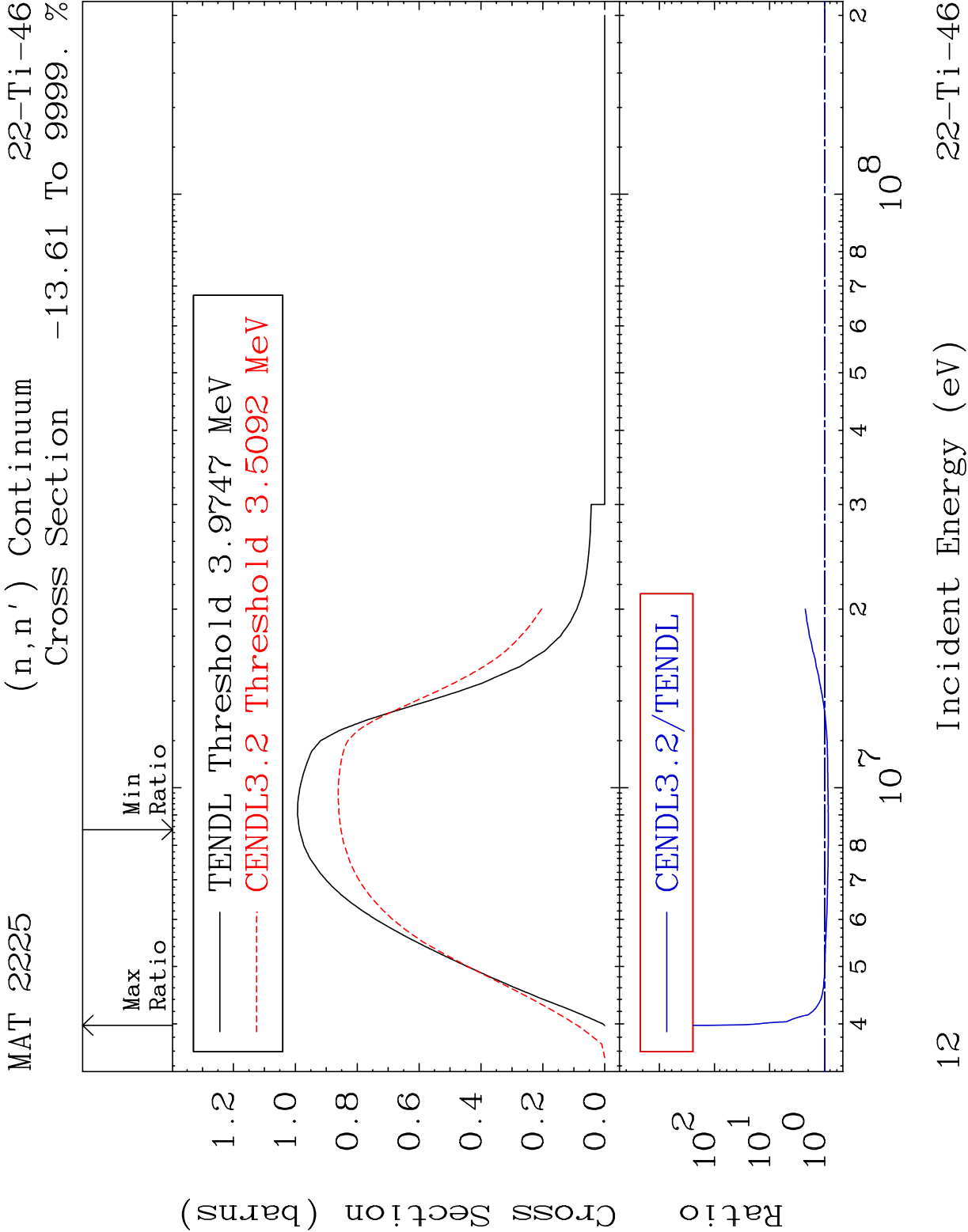


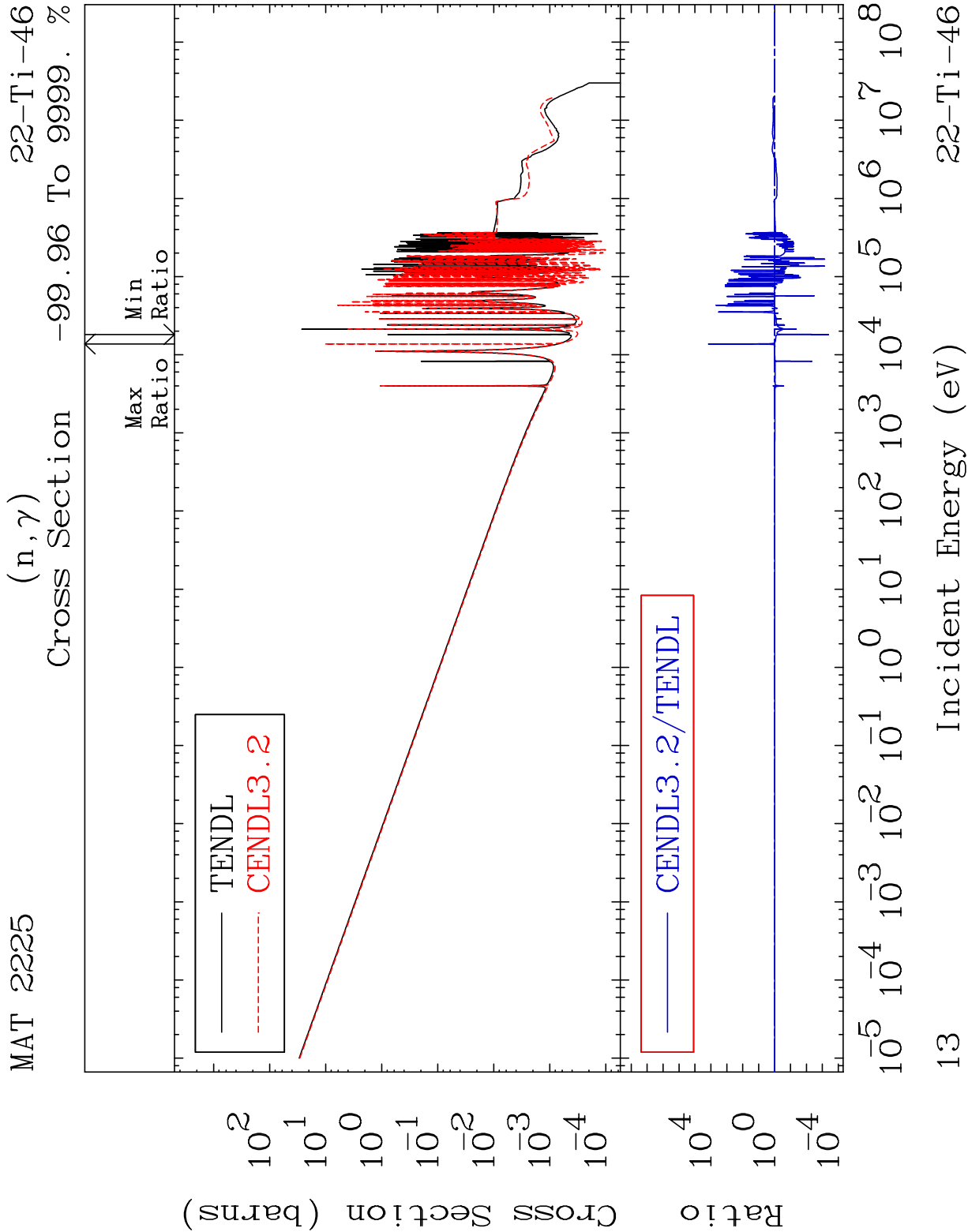
MAT 2225	MT= 54 (n, n')	Level	22-Ti-46
	Cross Section	0.000	To 9999. %

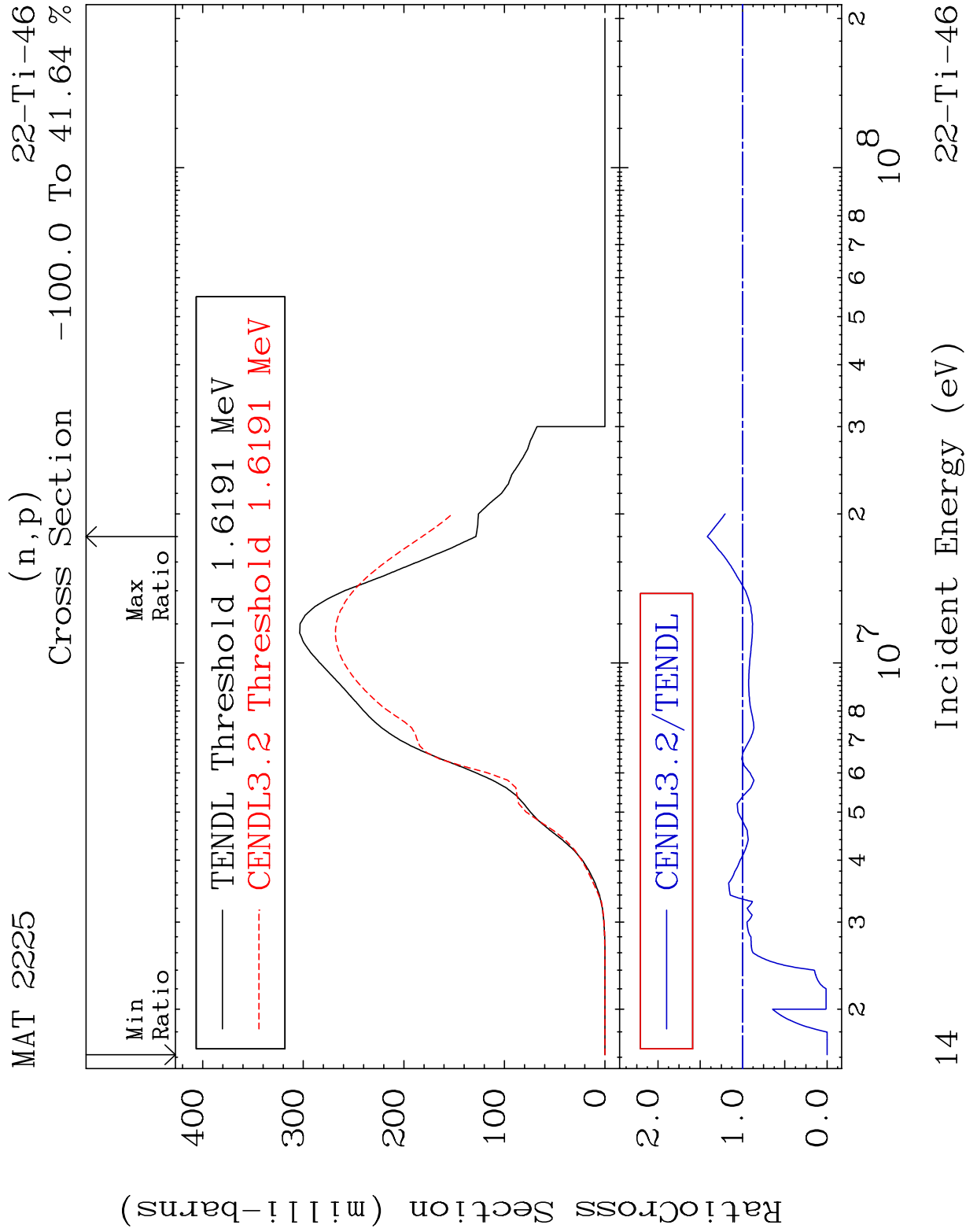


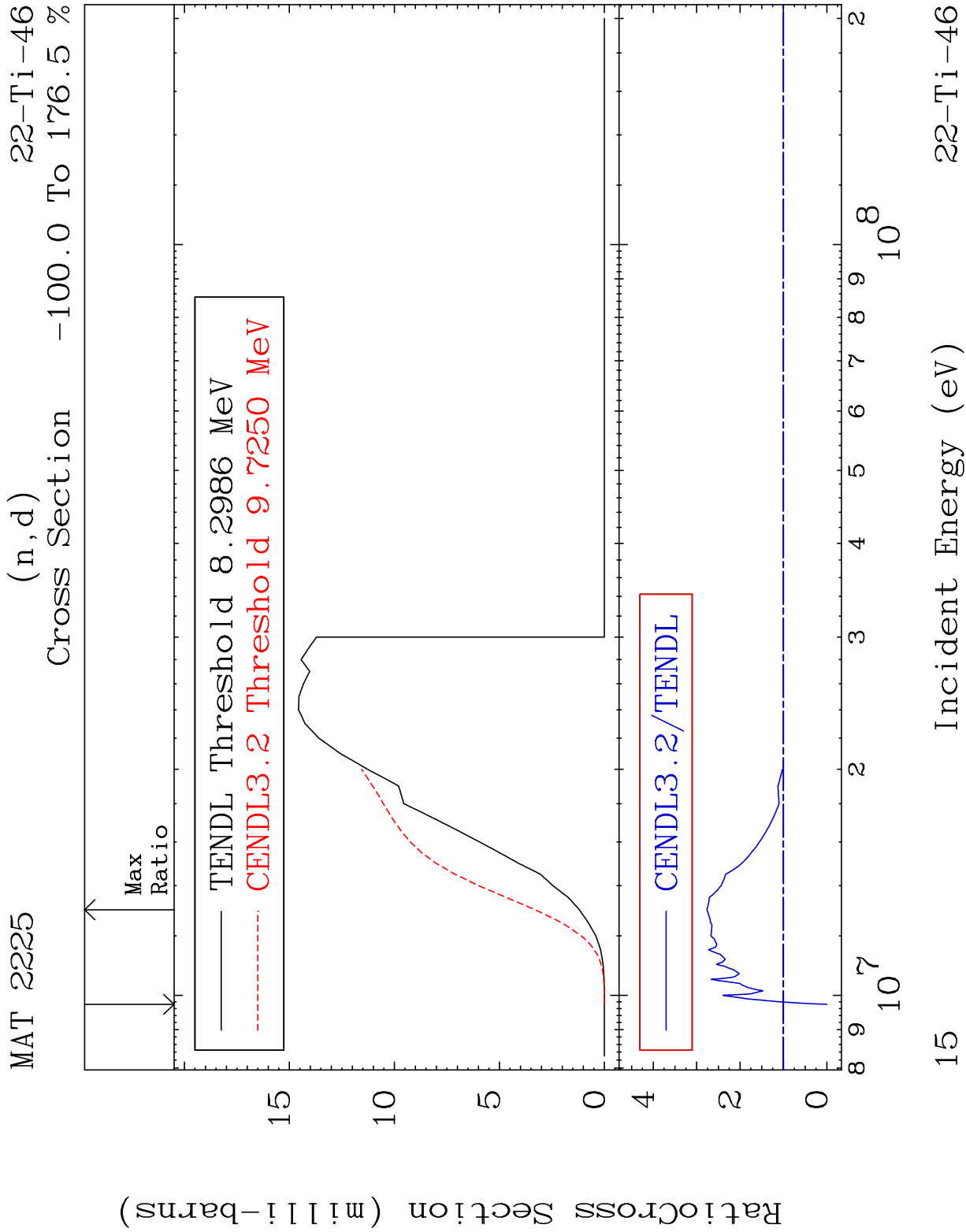
MAT 2225 MT= 55 (n,n') Level 22-Ti-46
Cross Section -100.0 To 202.8 %

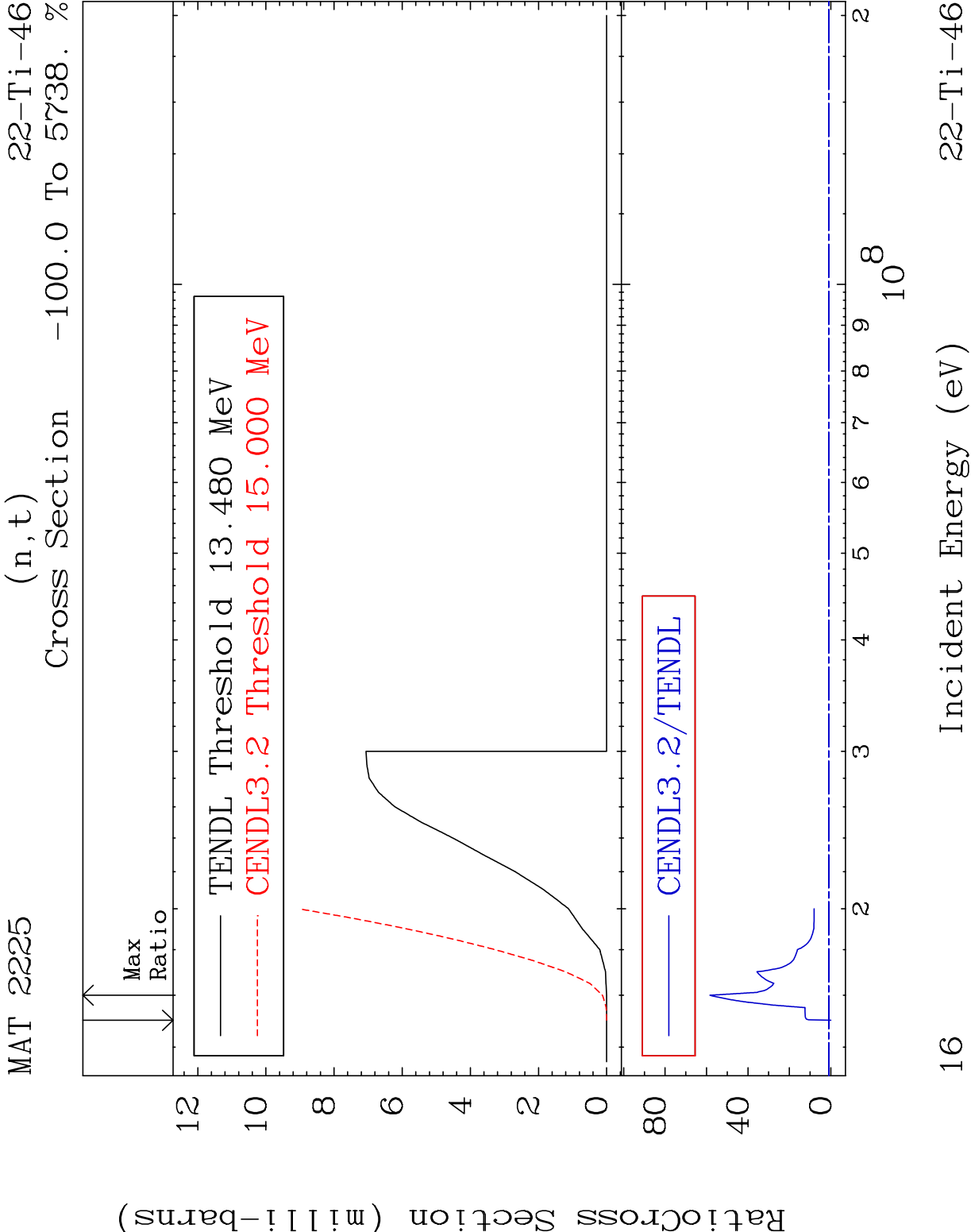


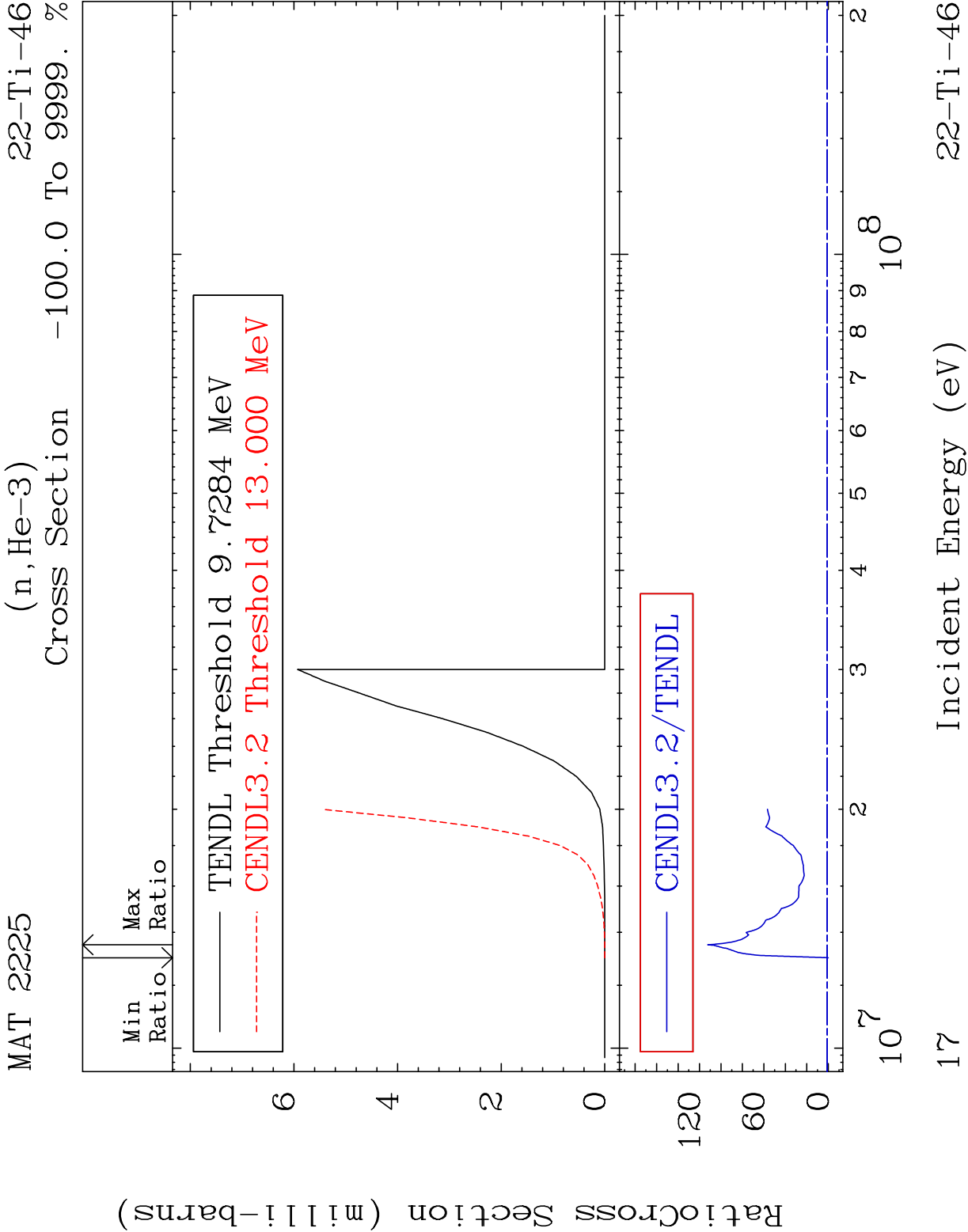


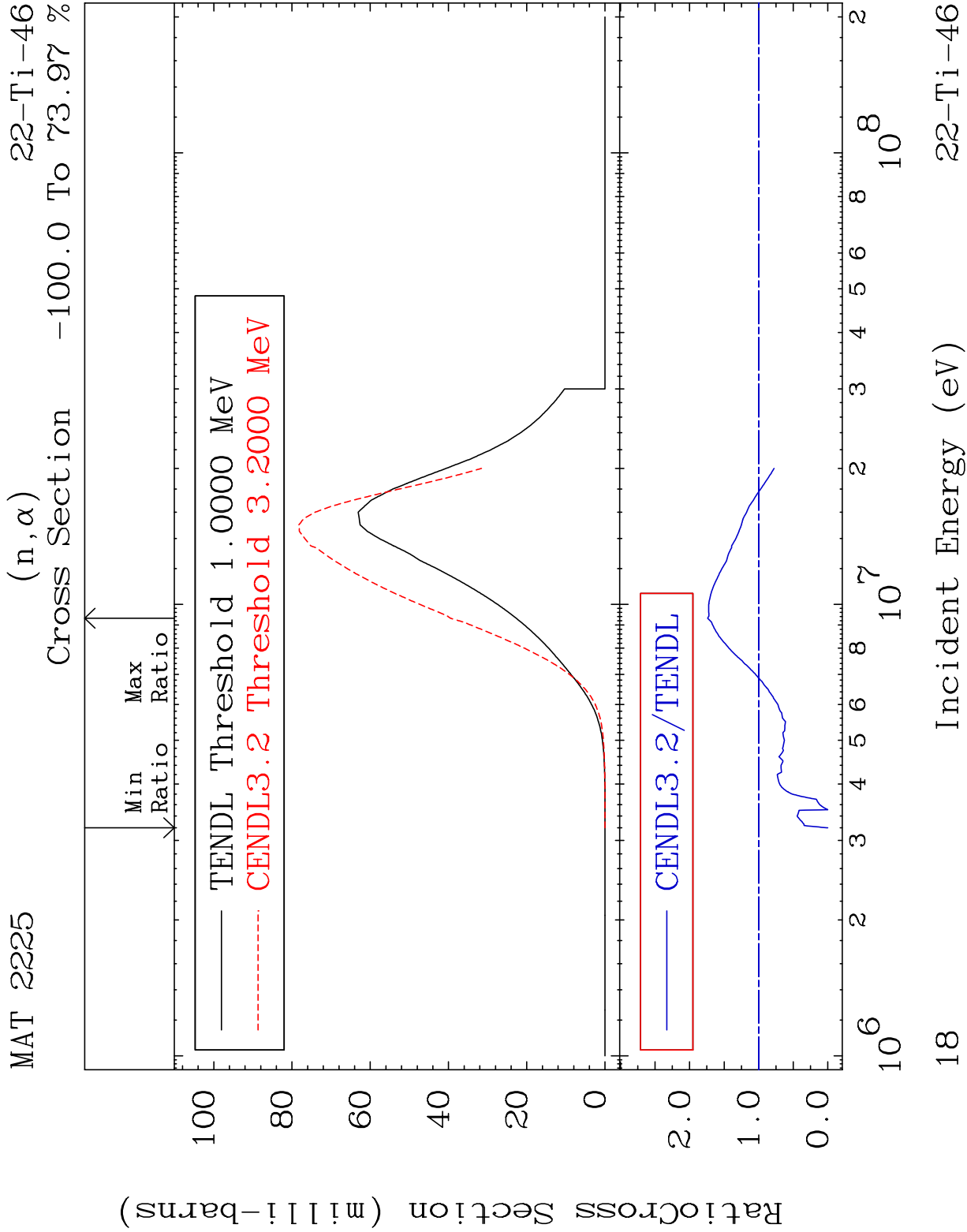


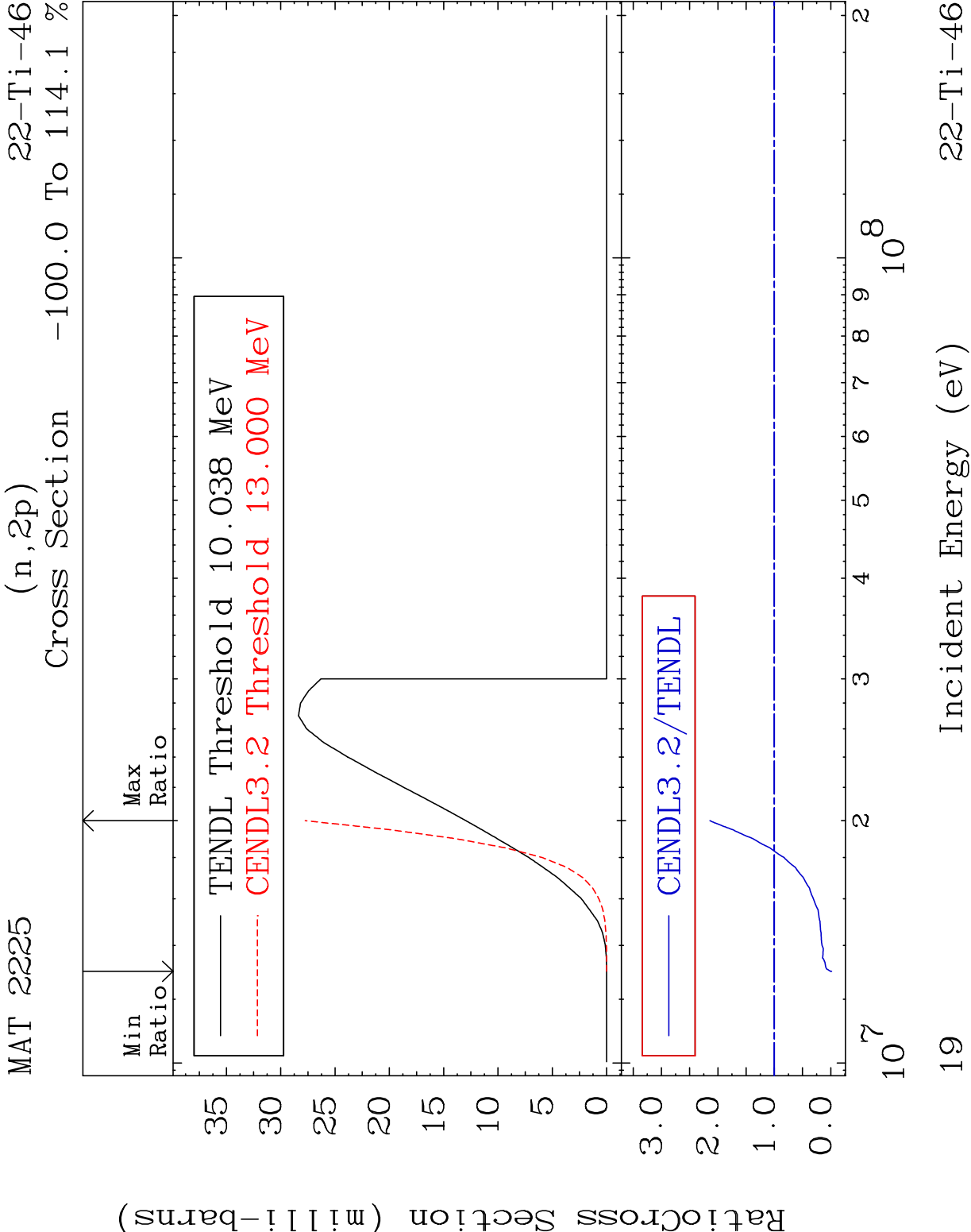


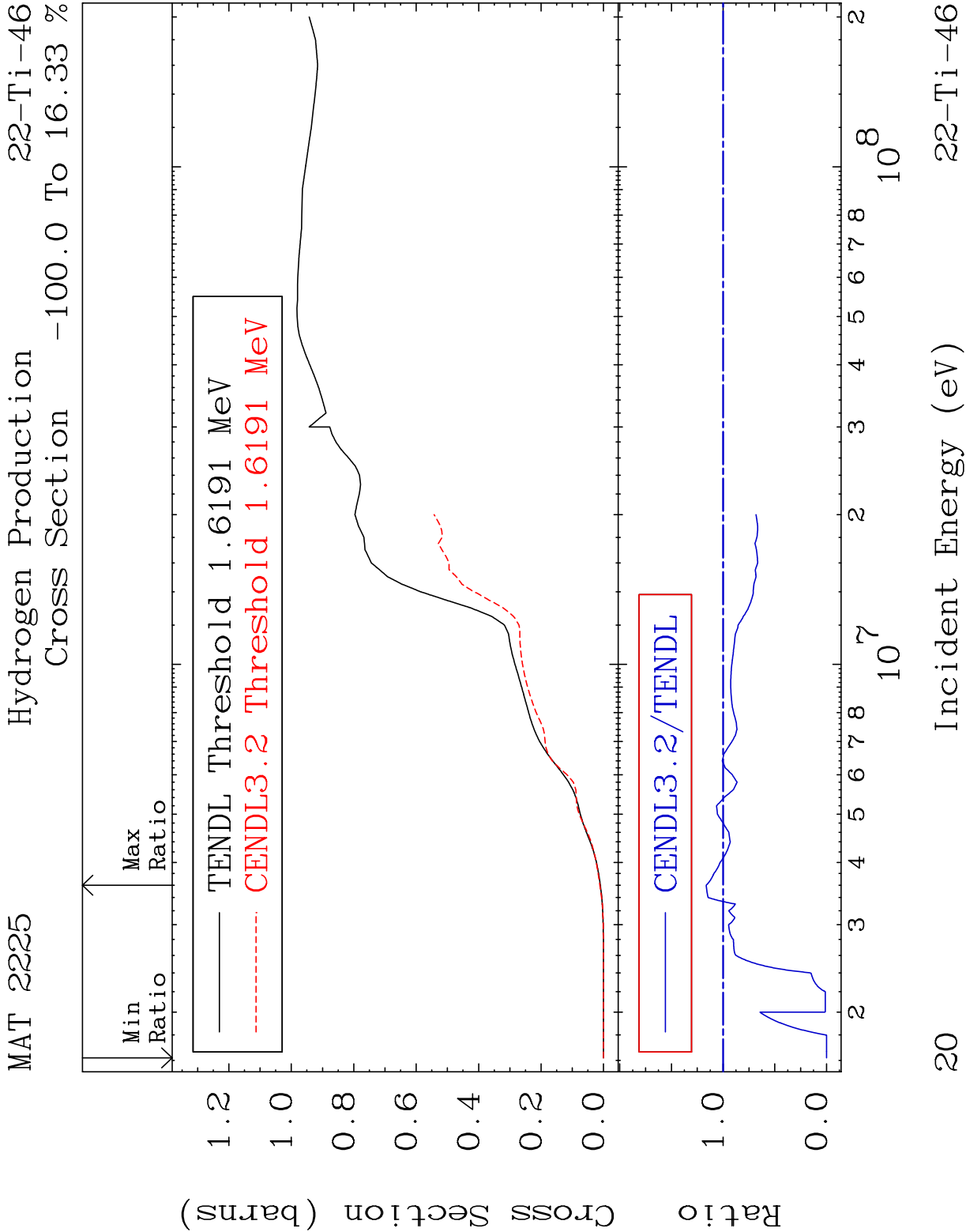




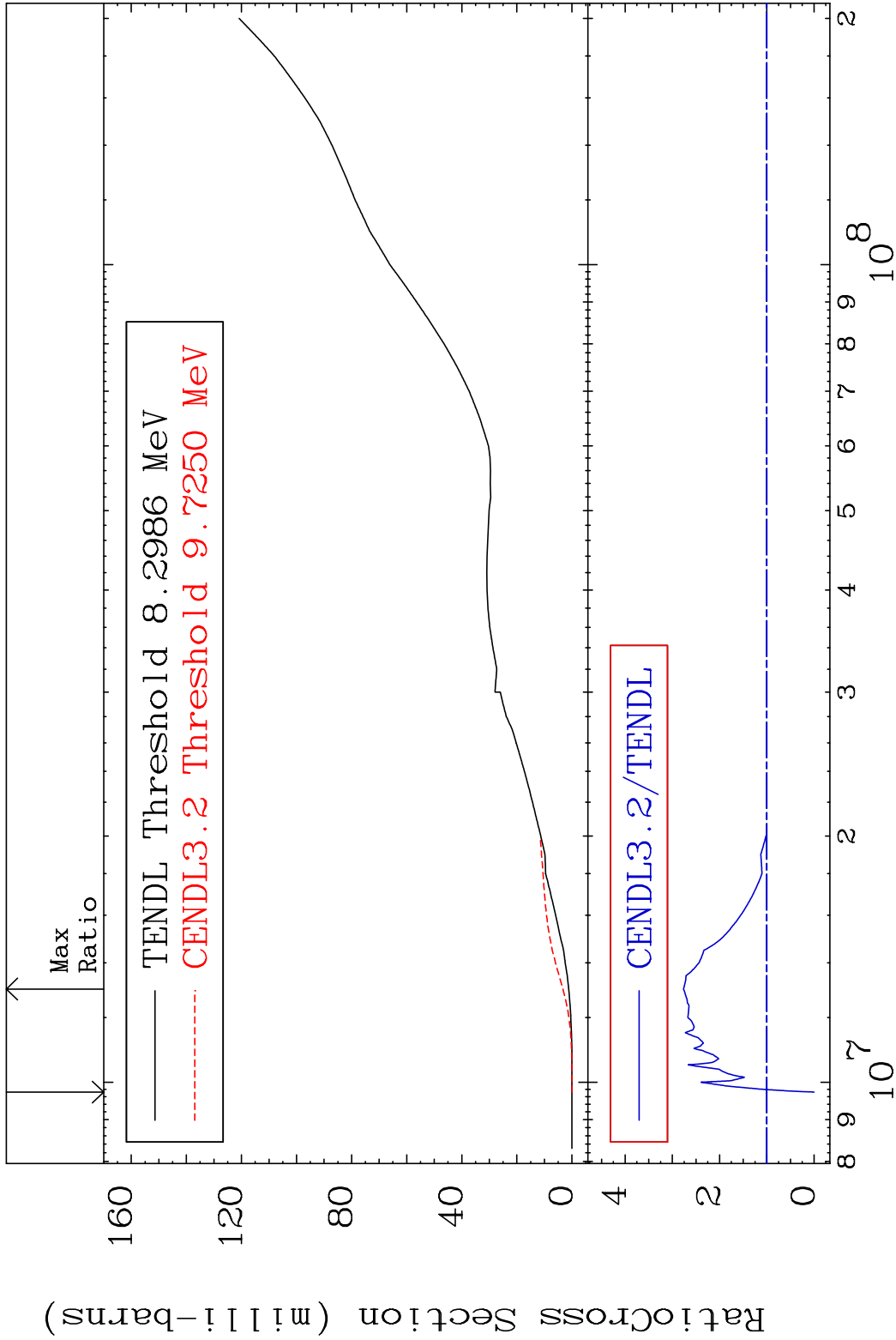








MAT 2225 Deuterium Production $^{22}\text{Ti-46}$
Cross Section -100.0 To 176.5 %



21 Incident Energy (eV) $^{22}\text{Ti-46}$

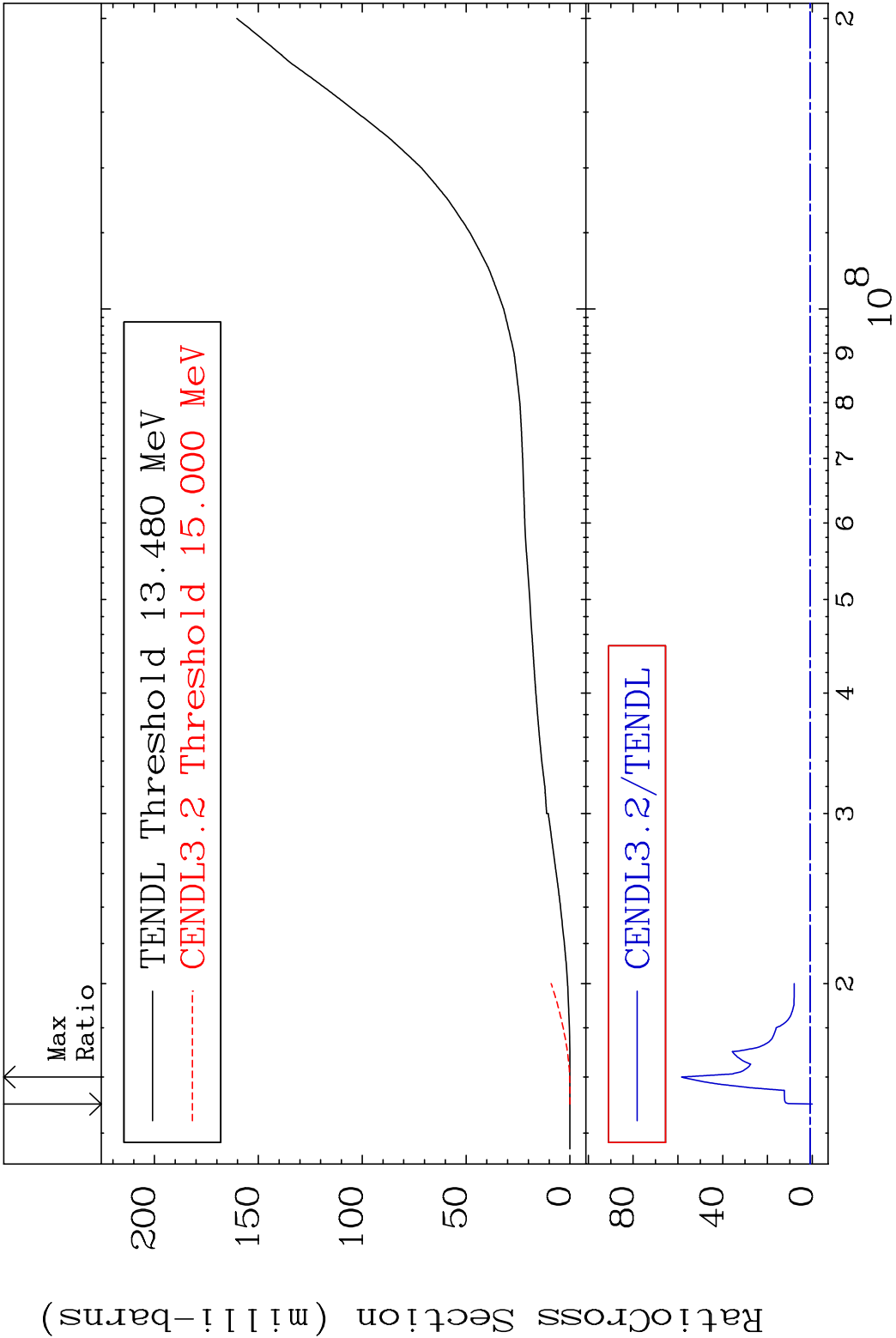
MAT 2225

Tritium Production

Cross Section

-100.0 To 5738. %

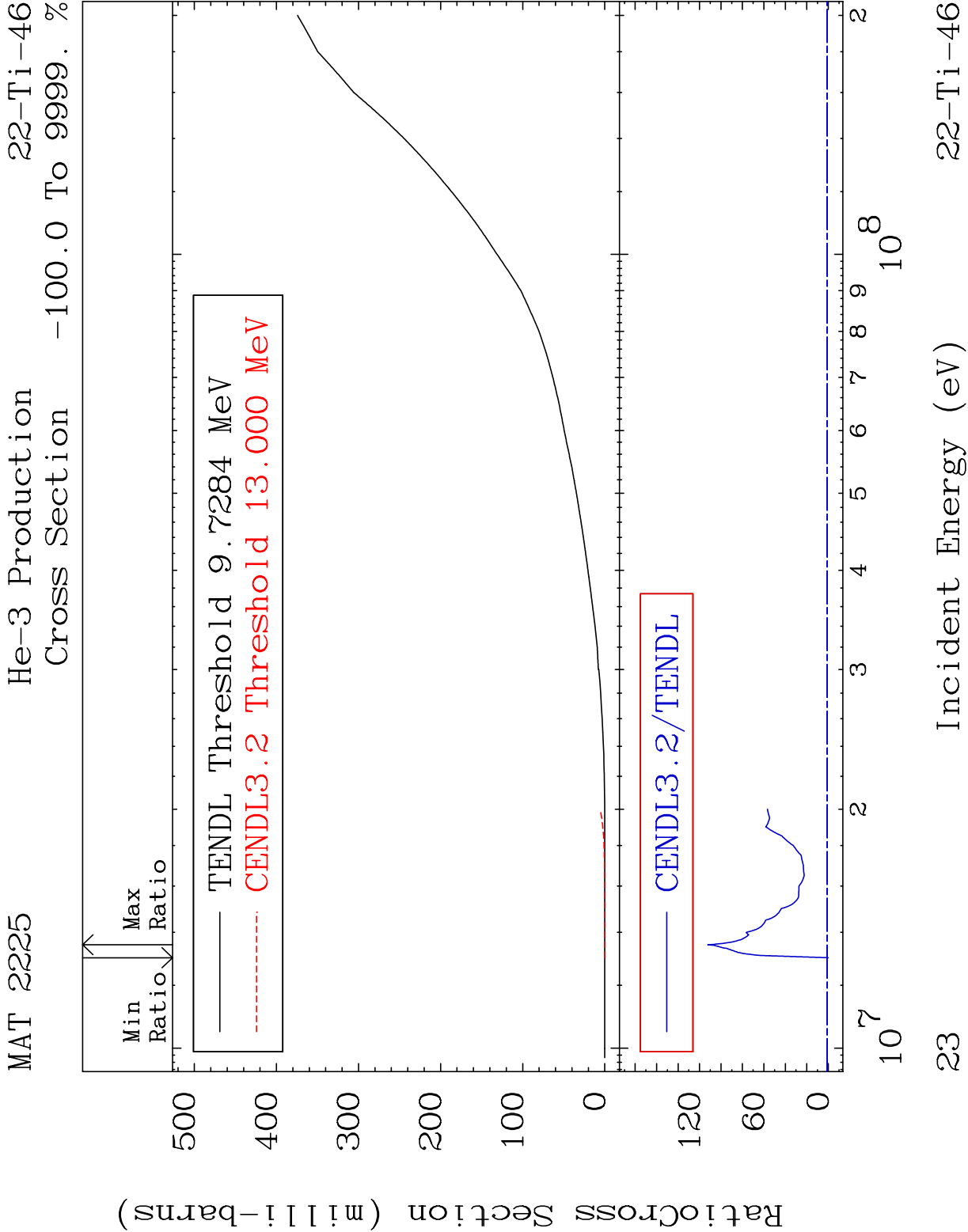
22-Ti-46

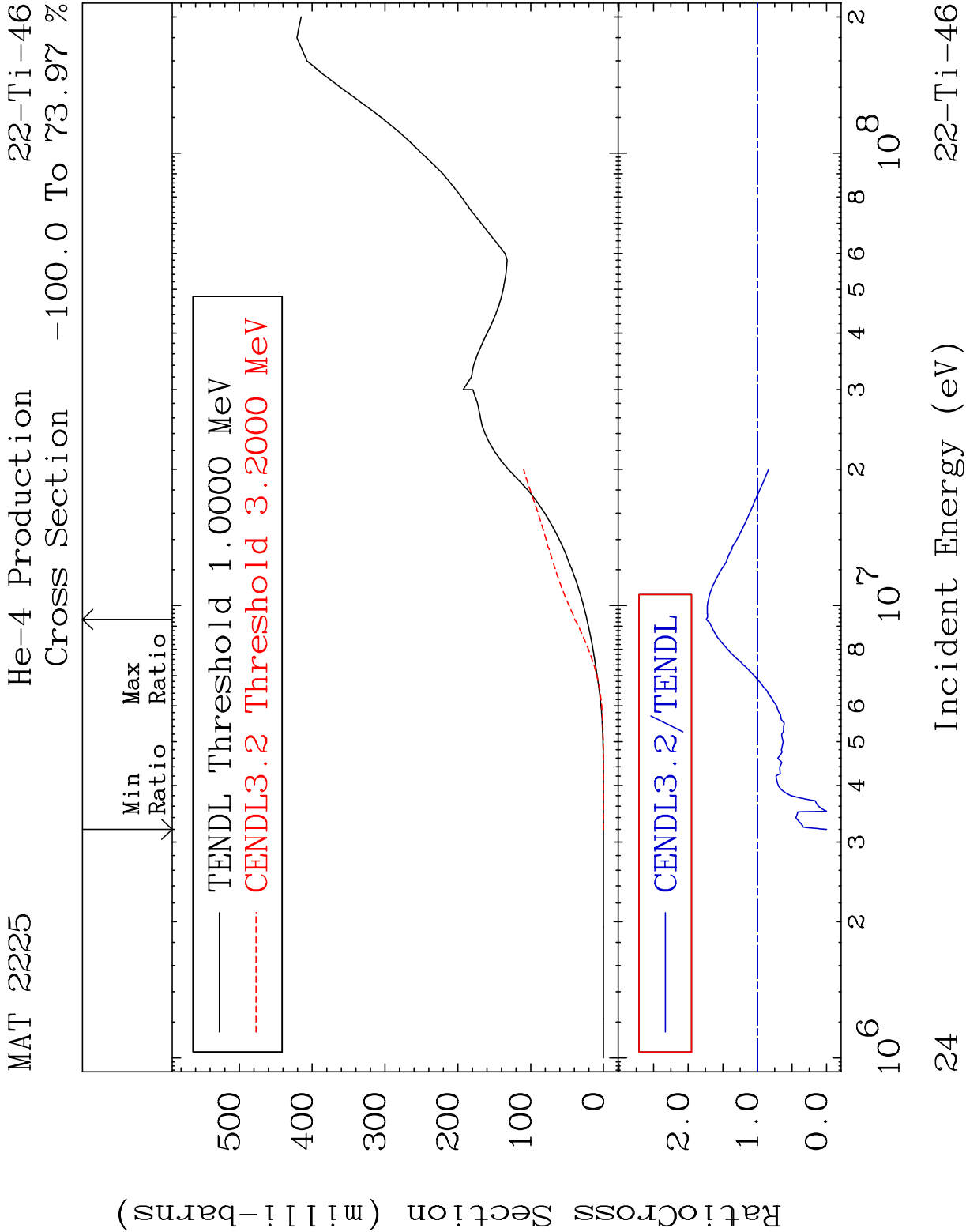


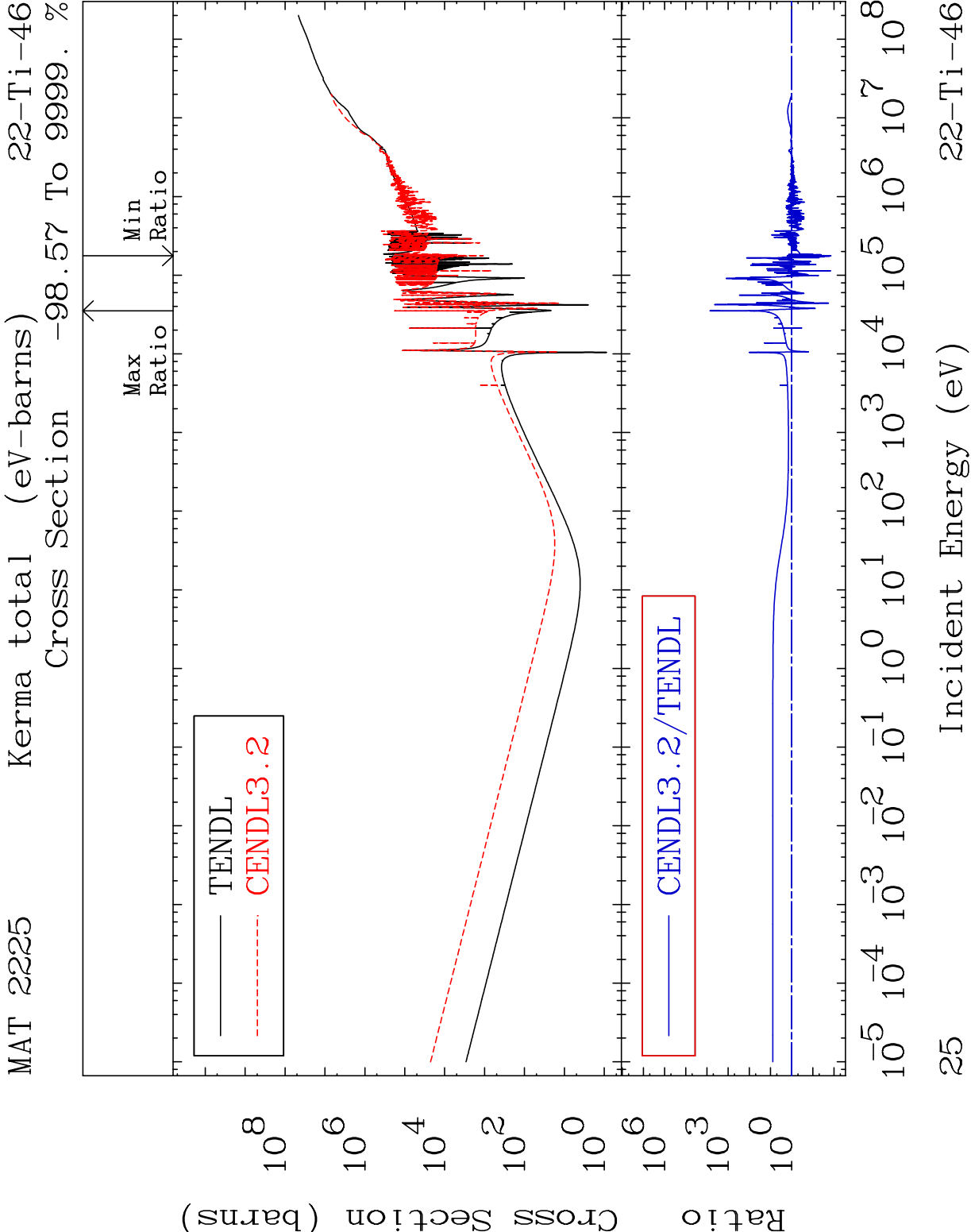
22

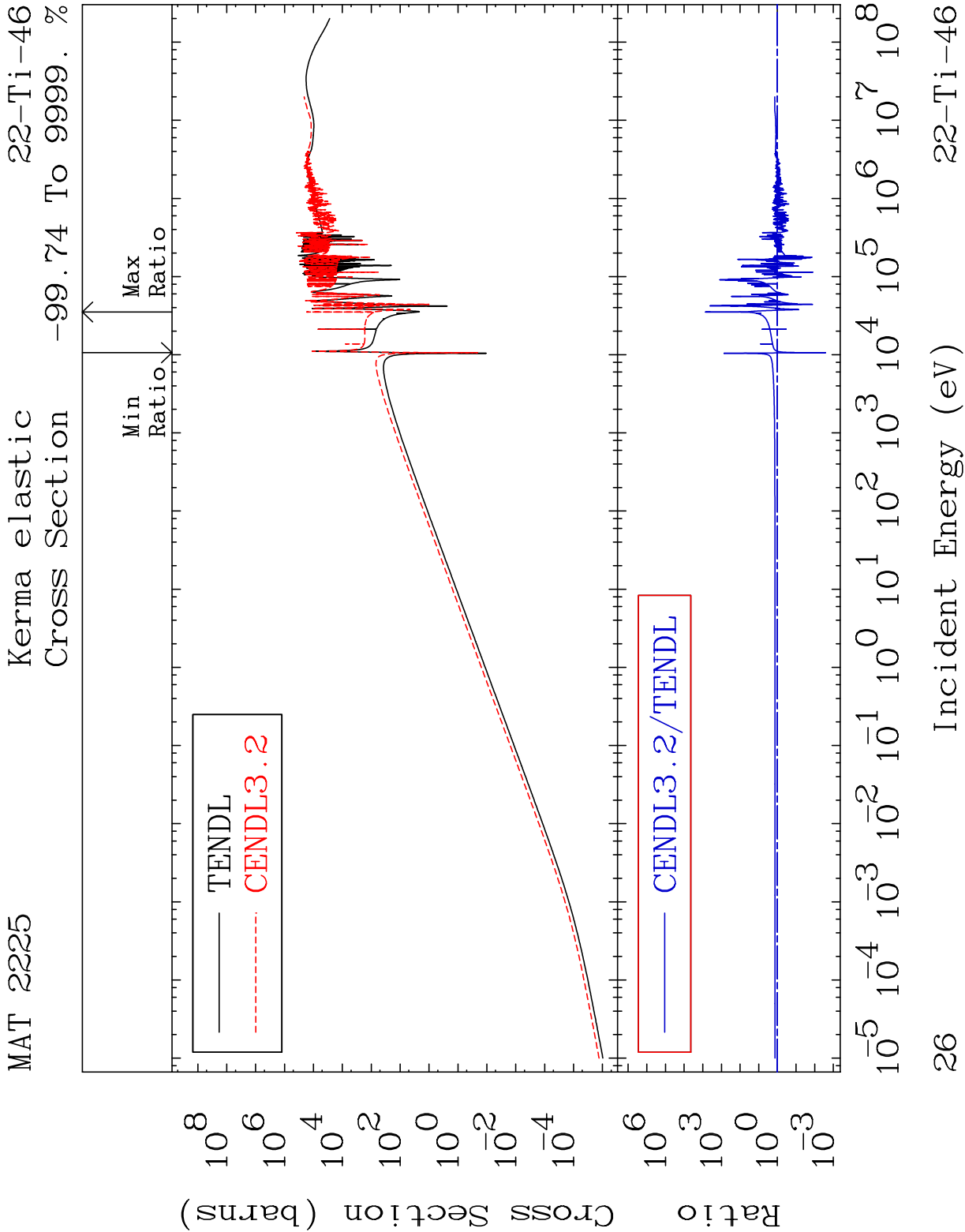
Incident Energy (eV)

22-Ti-46

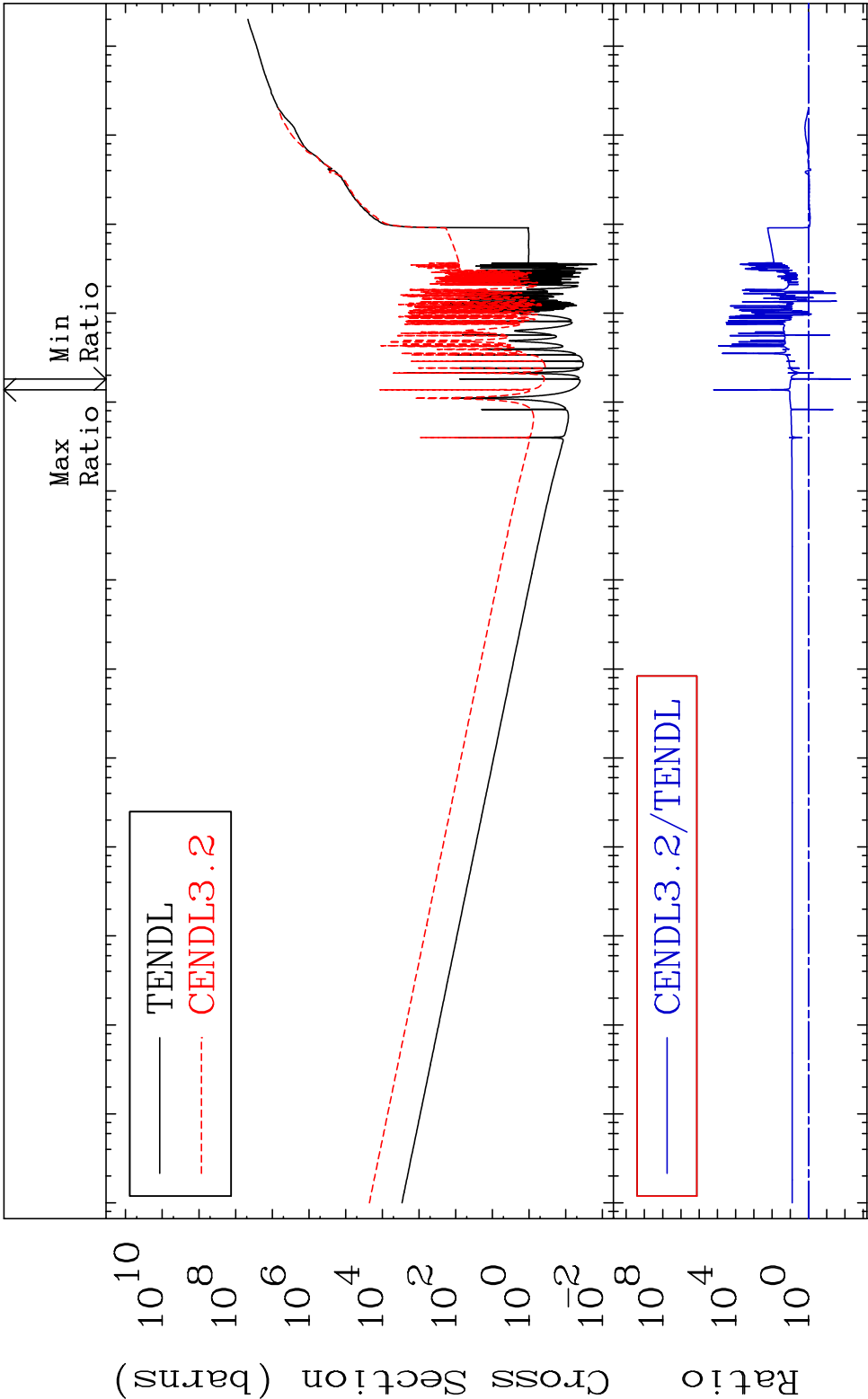




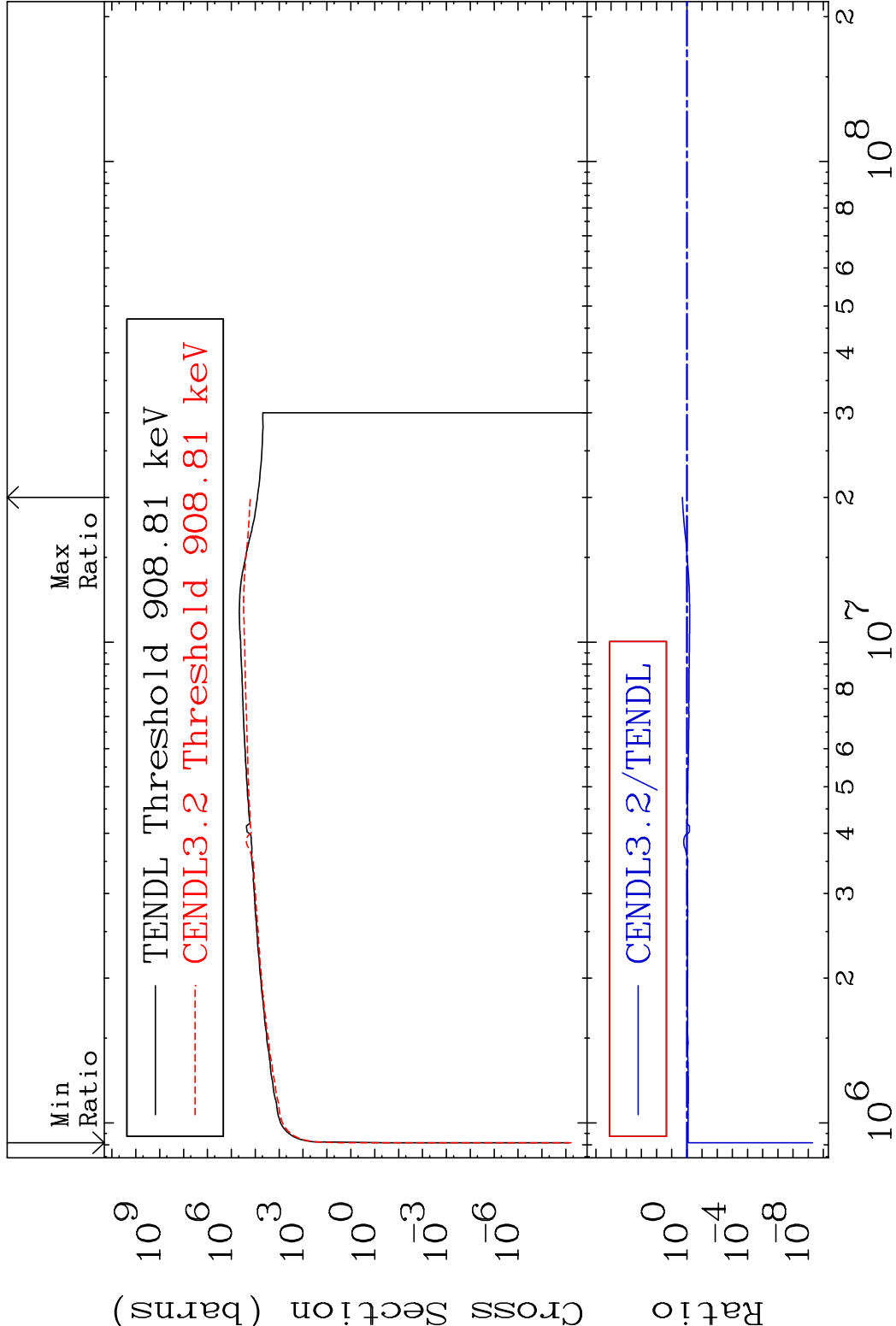




MAT 2225 Kerma non-elastic (all but mt2) 22-Ti-46
 Cross Section -99.50 To 9999. %

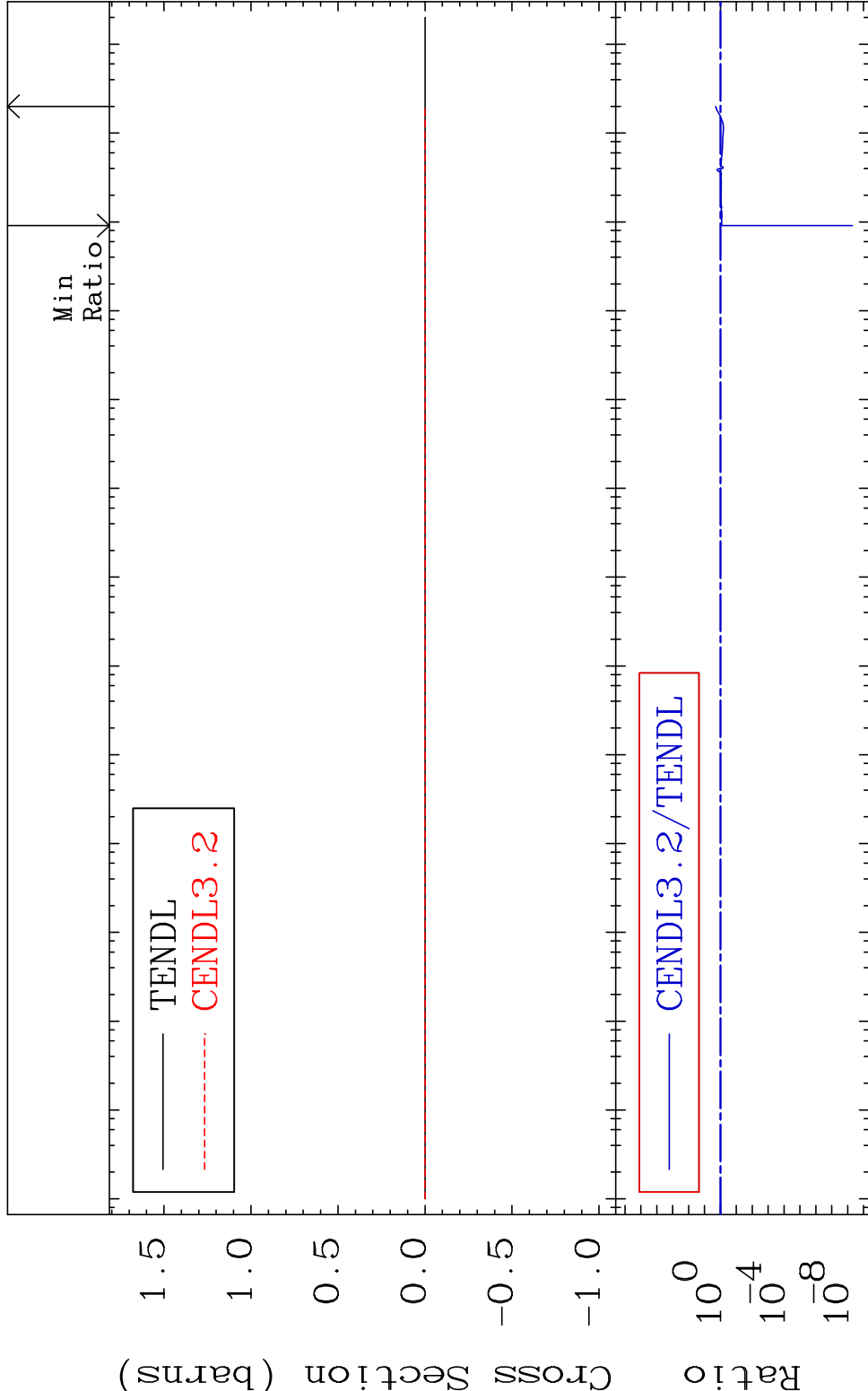


27 Incident Energy (eV) 22-Ti-46



MAT 2225 Kerma fission (mt18 or mt19-20-21-38) 22-Ti-46

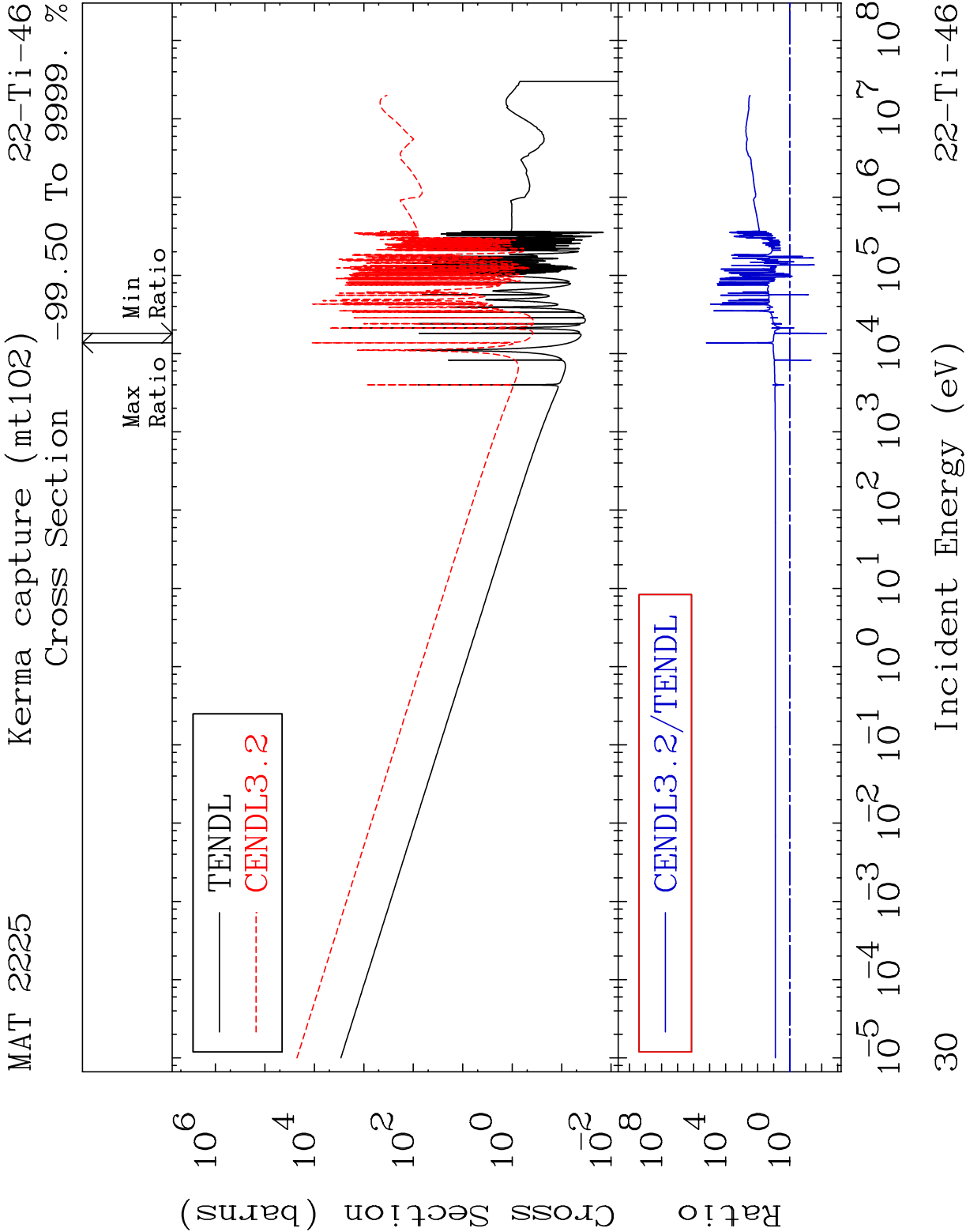
Cross Section -100.0 To 99.14 %

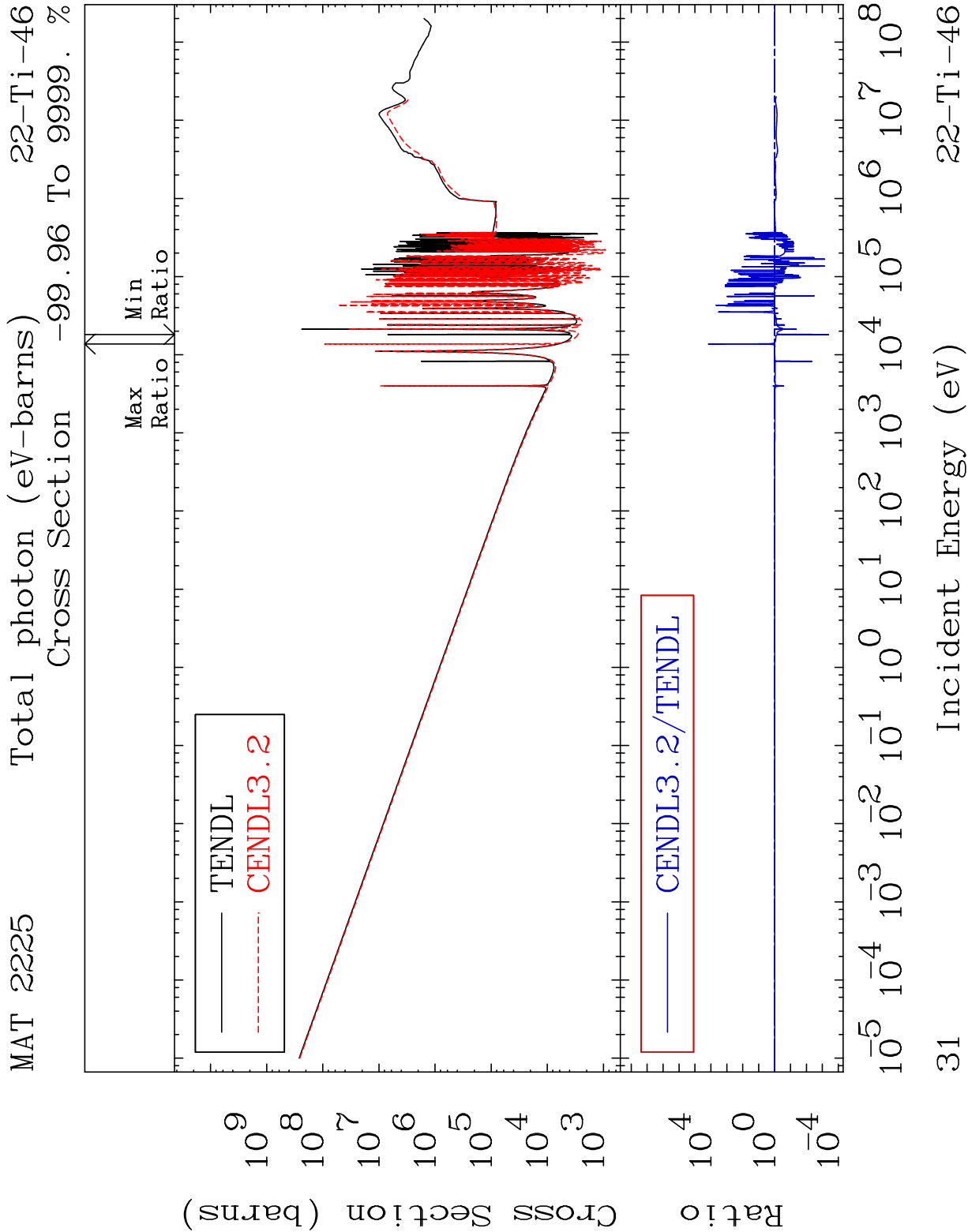


29

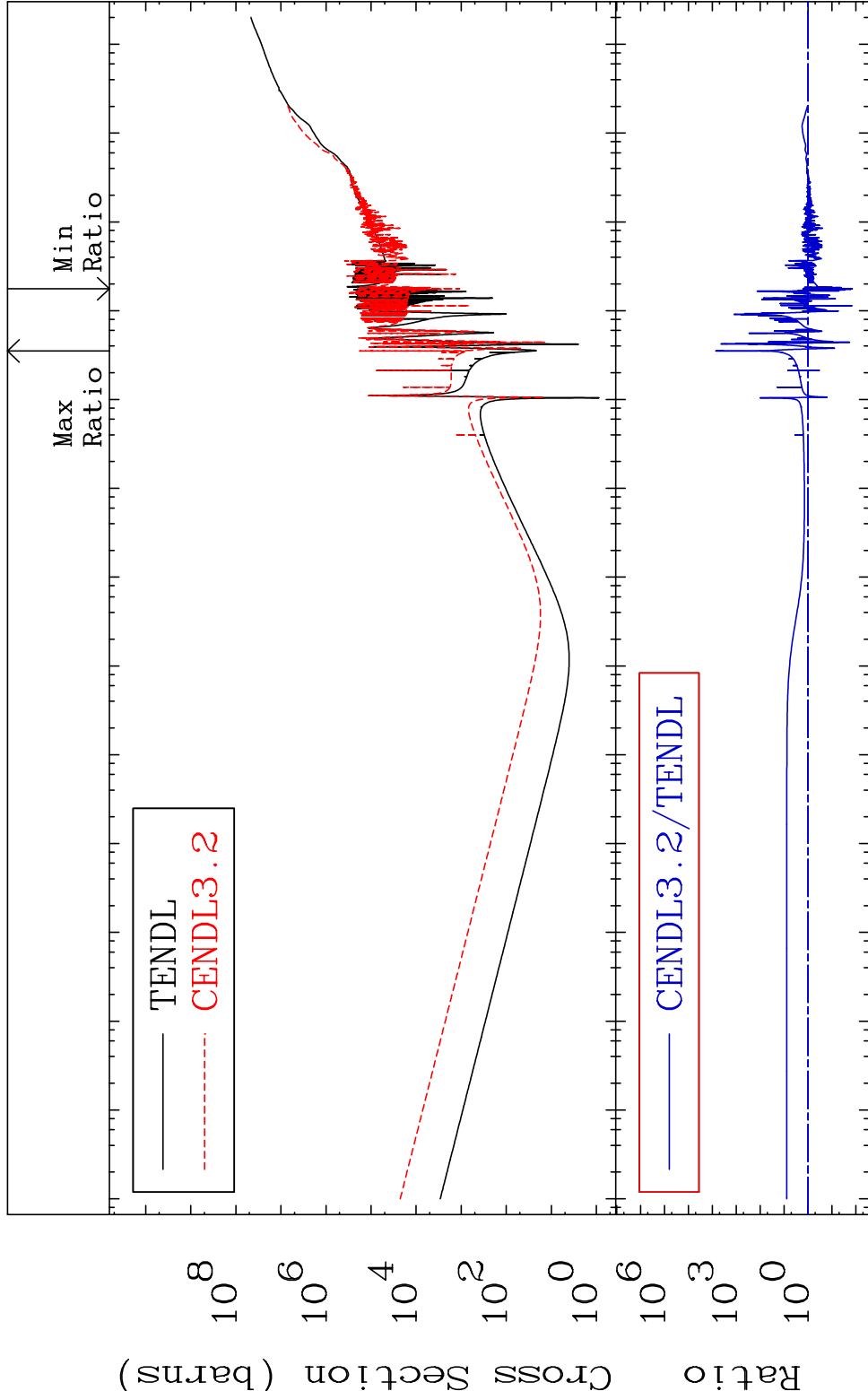
Incident Energy (eV)

22-Ti-46

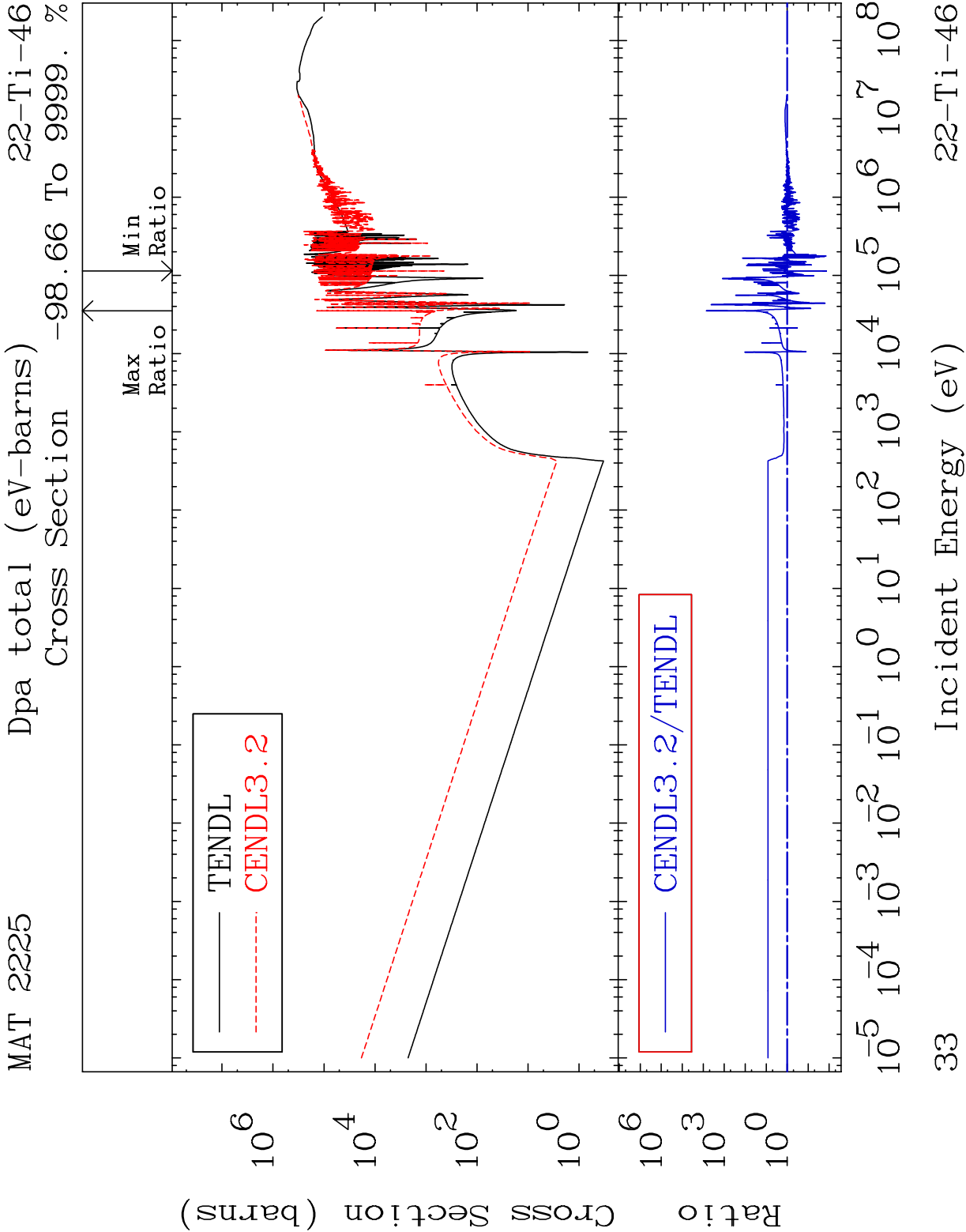




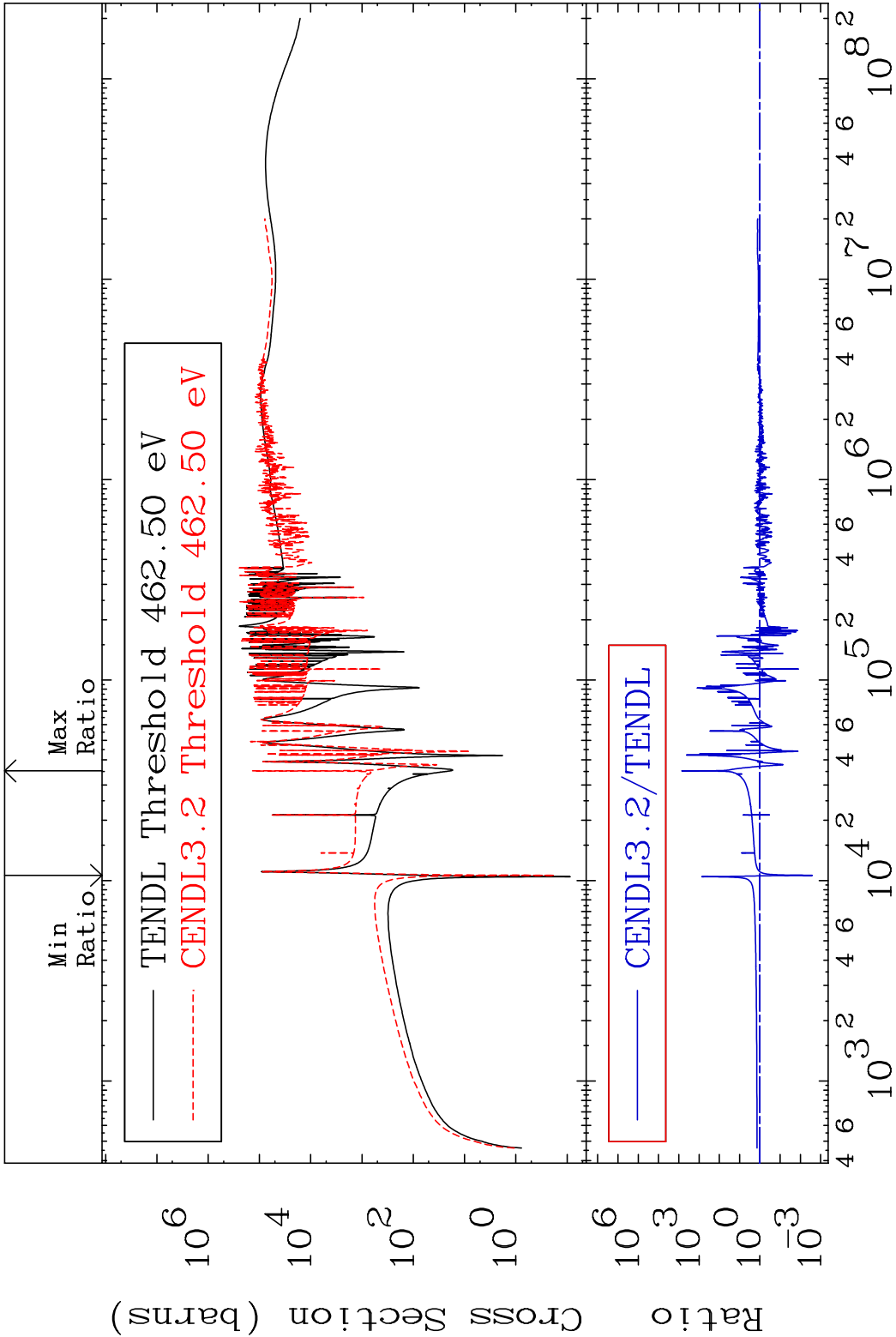
MAT 2225 Total kinematic kerma (high limit) 22-Ti-46
Cross Section -98.57 To 9999. %



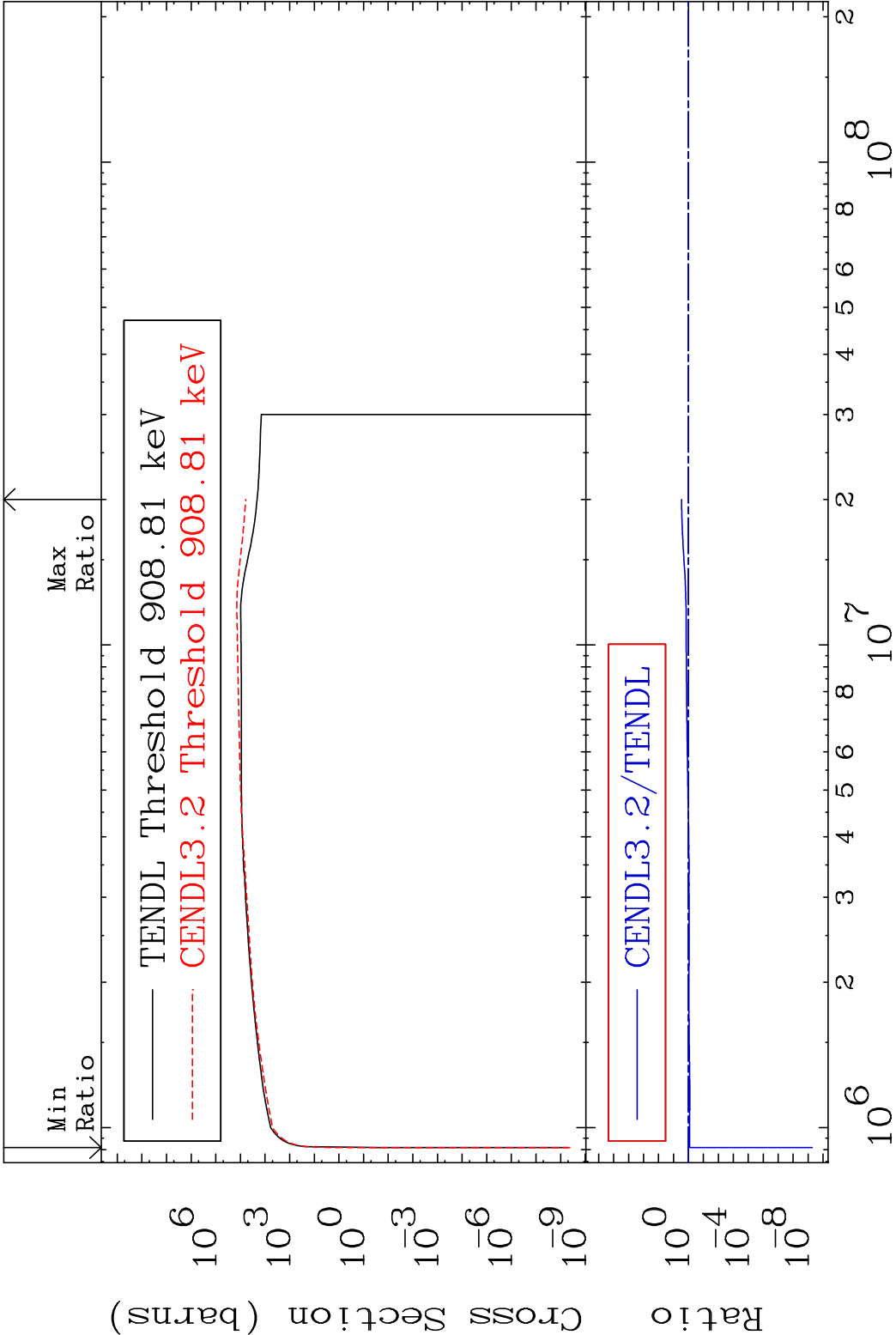
32 22-Ti-46



MAT 2225 Dpa elastic (mt2) 22-Ti-46
 Cross Section -99.74 To 9999. %

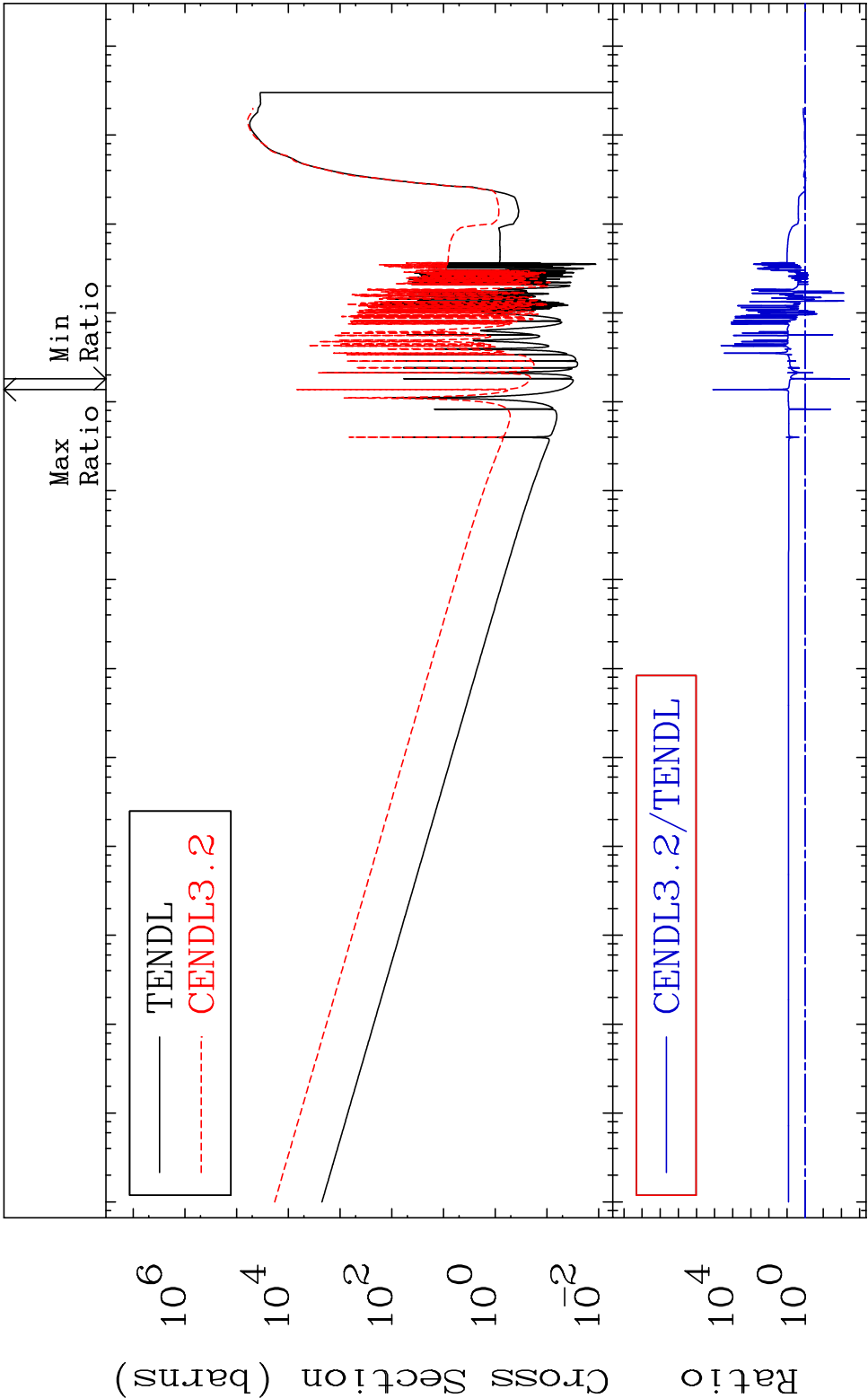


MAT 2225 Dpa inelastic (mt51-91) 22-Ti-46
Cross Section -100.0 To 188.9 %

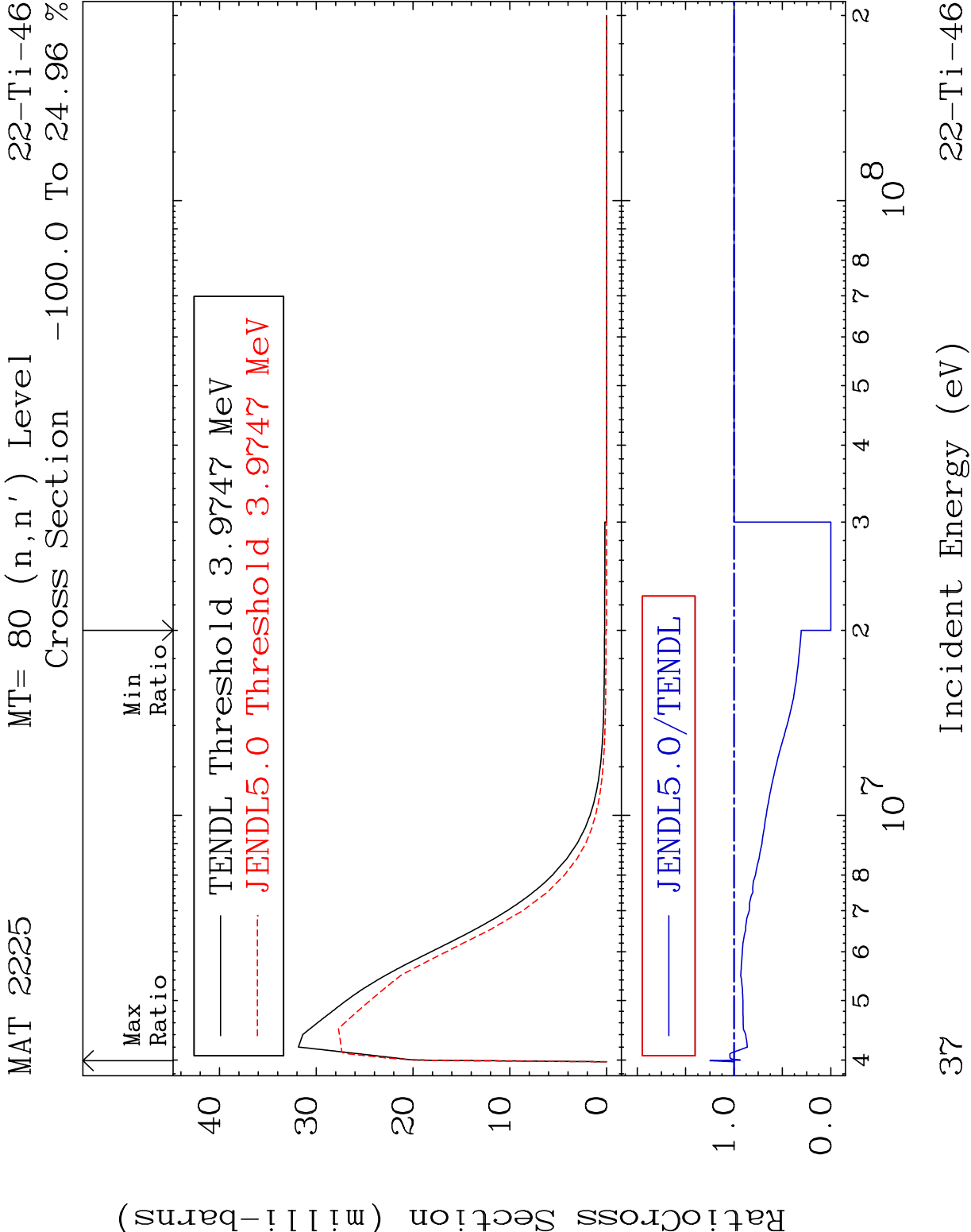


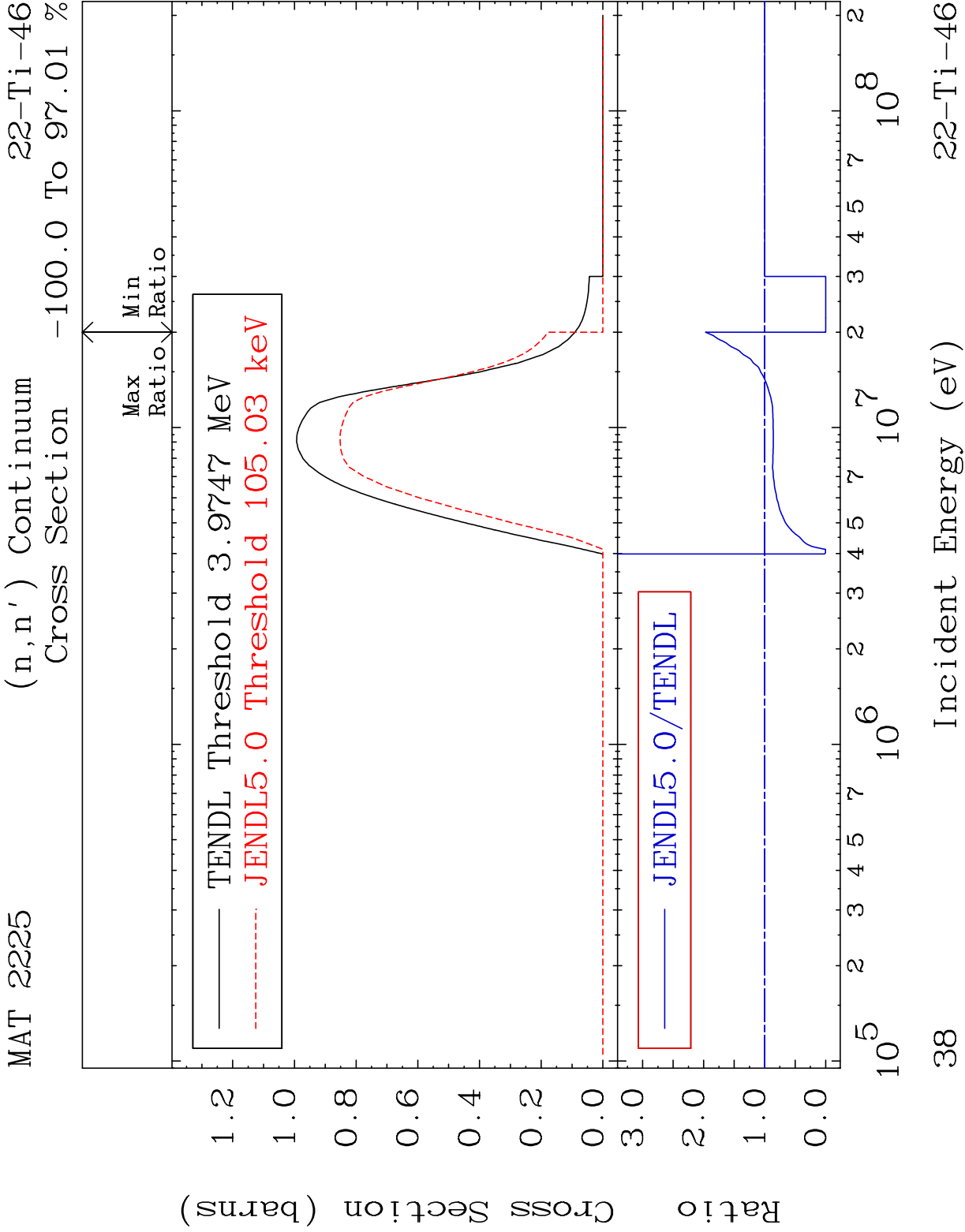
35 Incident Energy (eV) 22-Ti-46

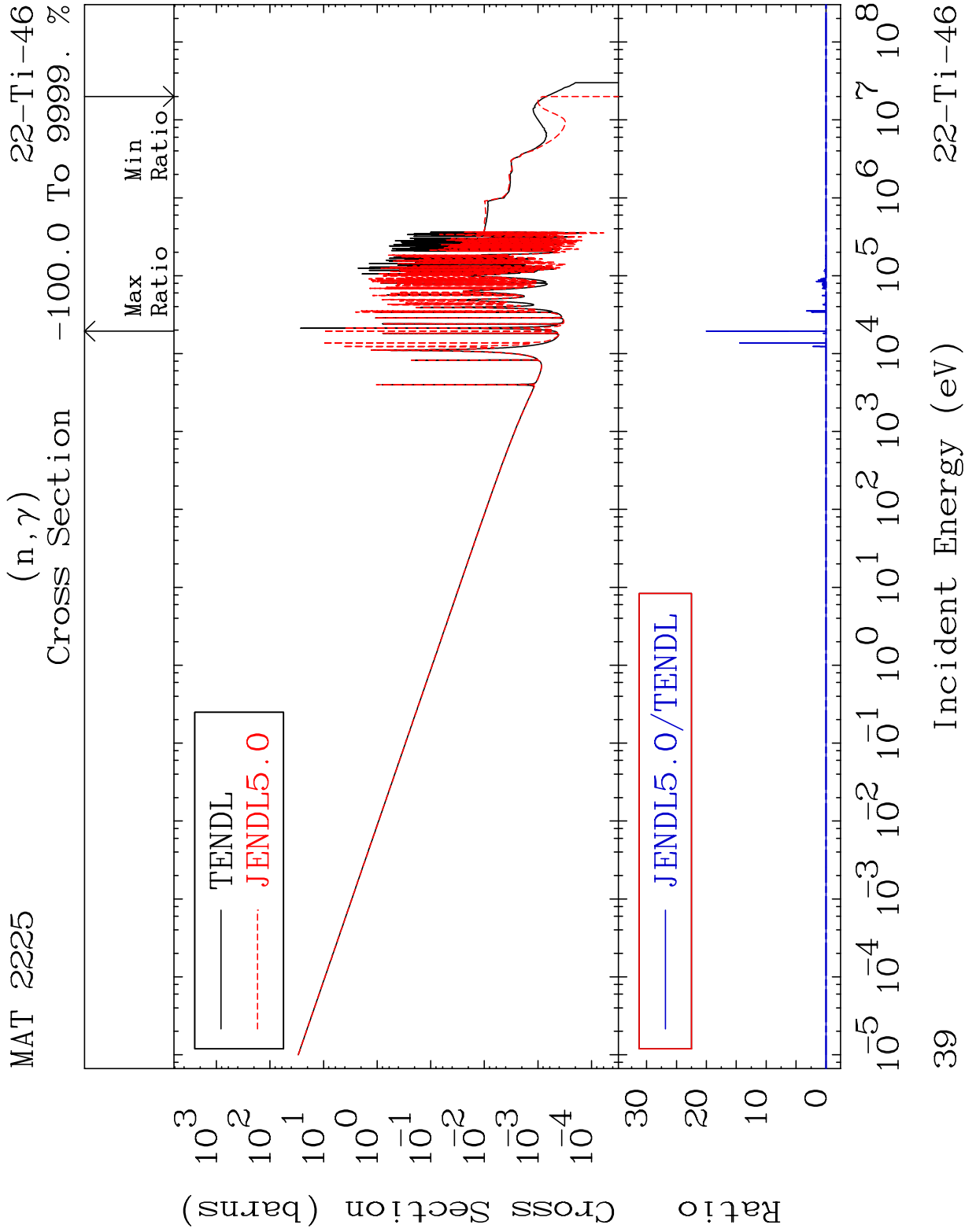
MAT 2225 Dpa disappearance (mt102 -120) 22-Ti-46
 Cross Section -99.64 To 9999. %

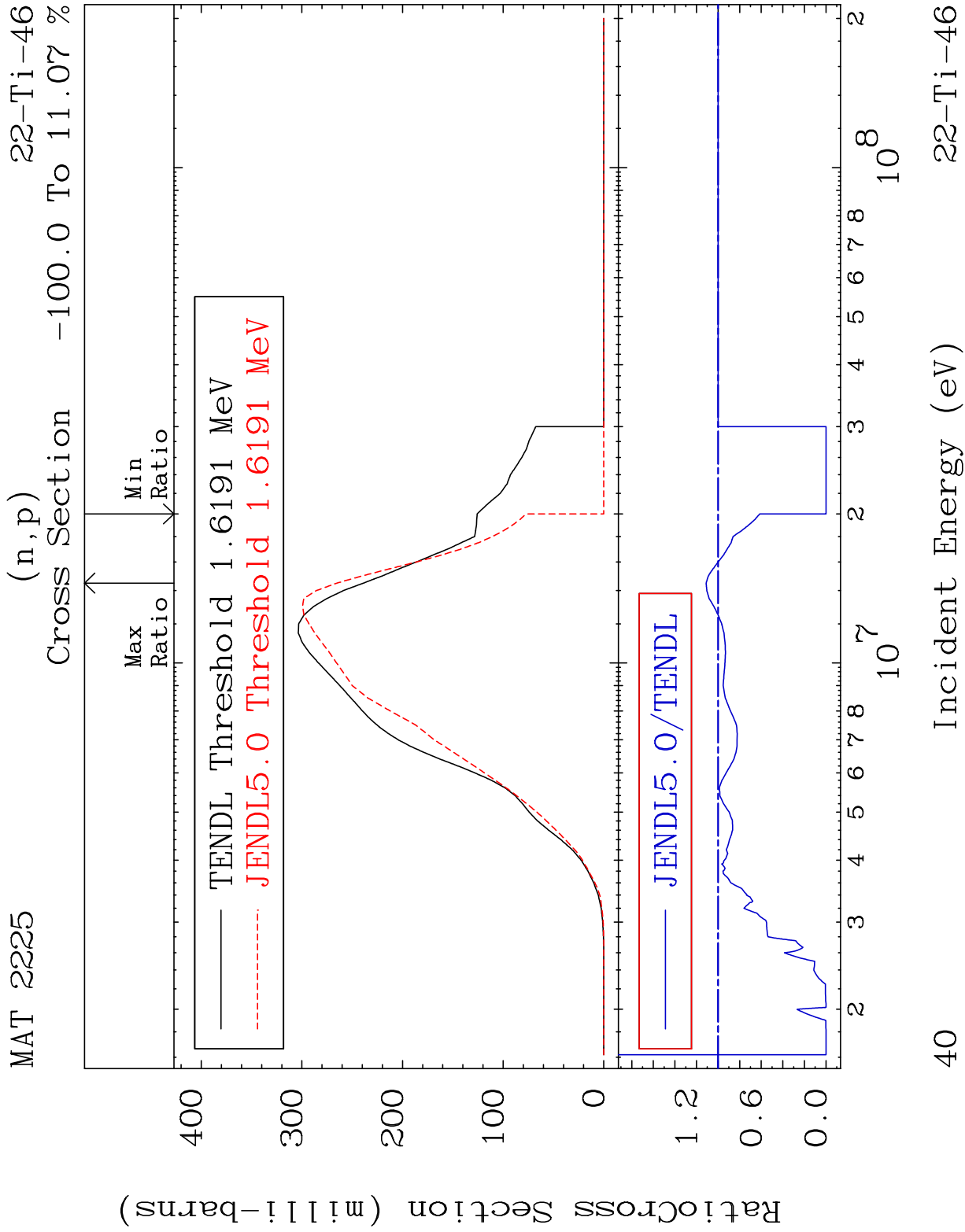


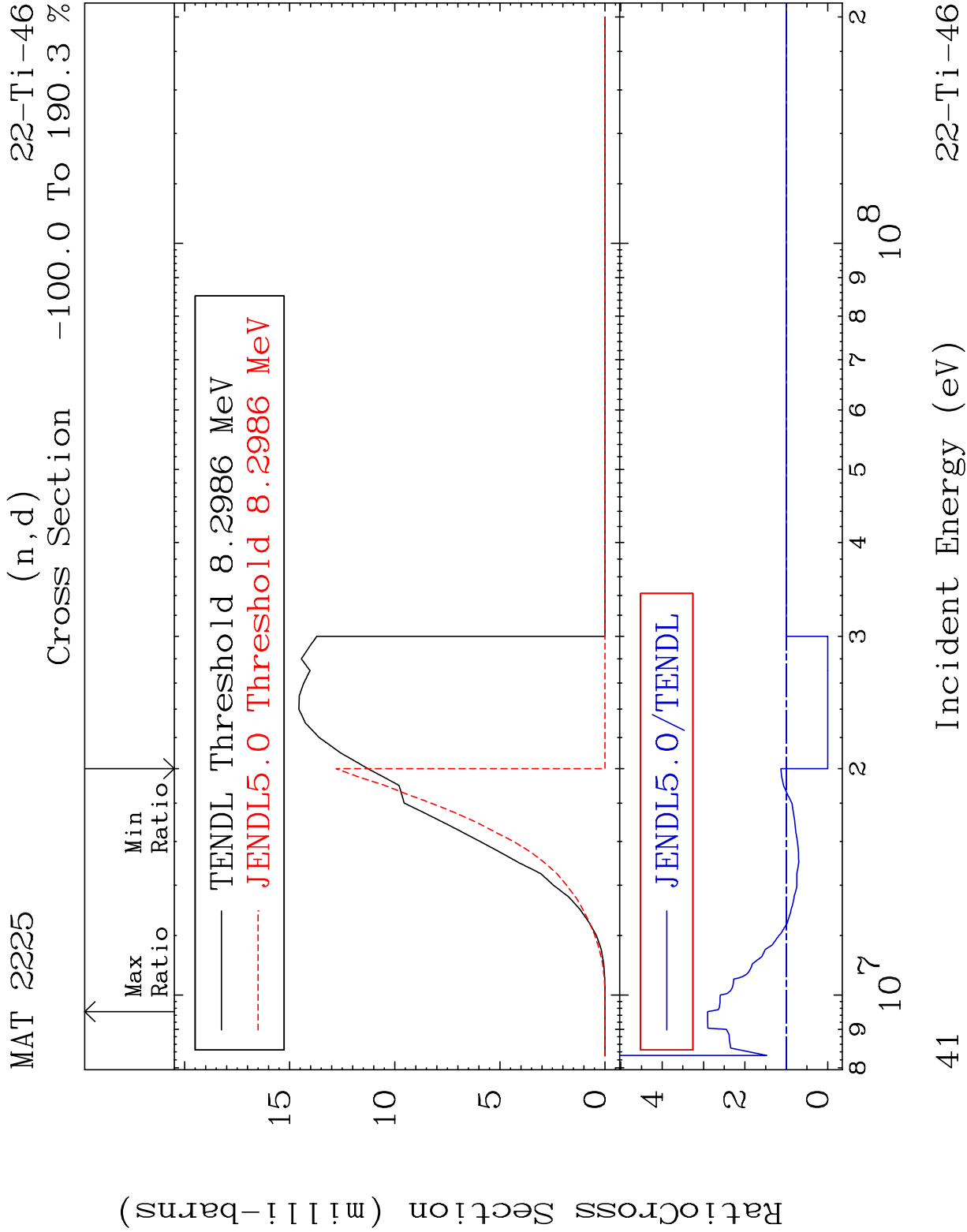
36 Incident Energy (eV) 22-Ti-46

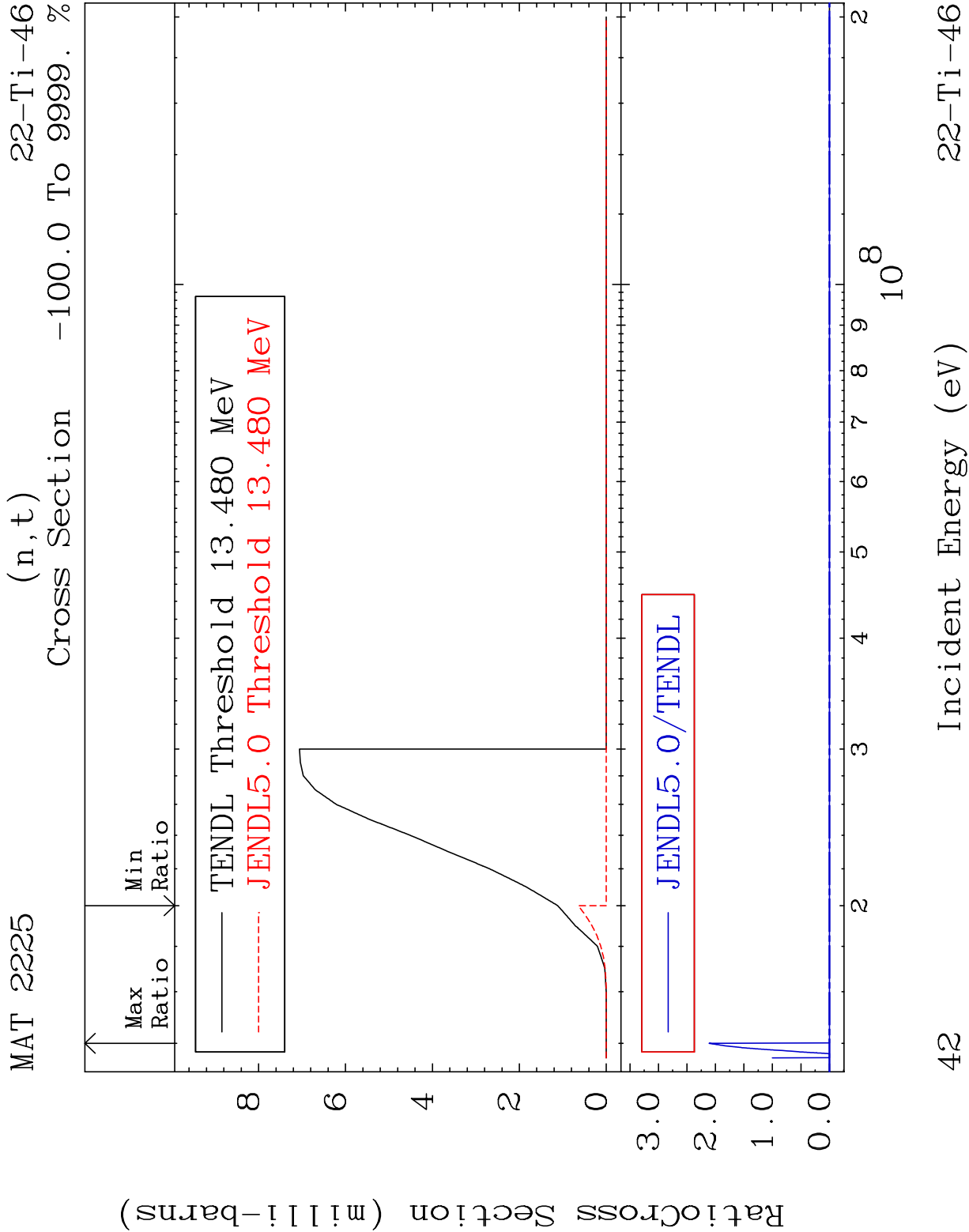


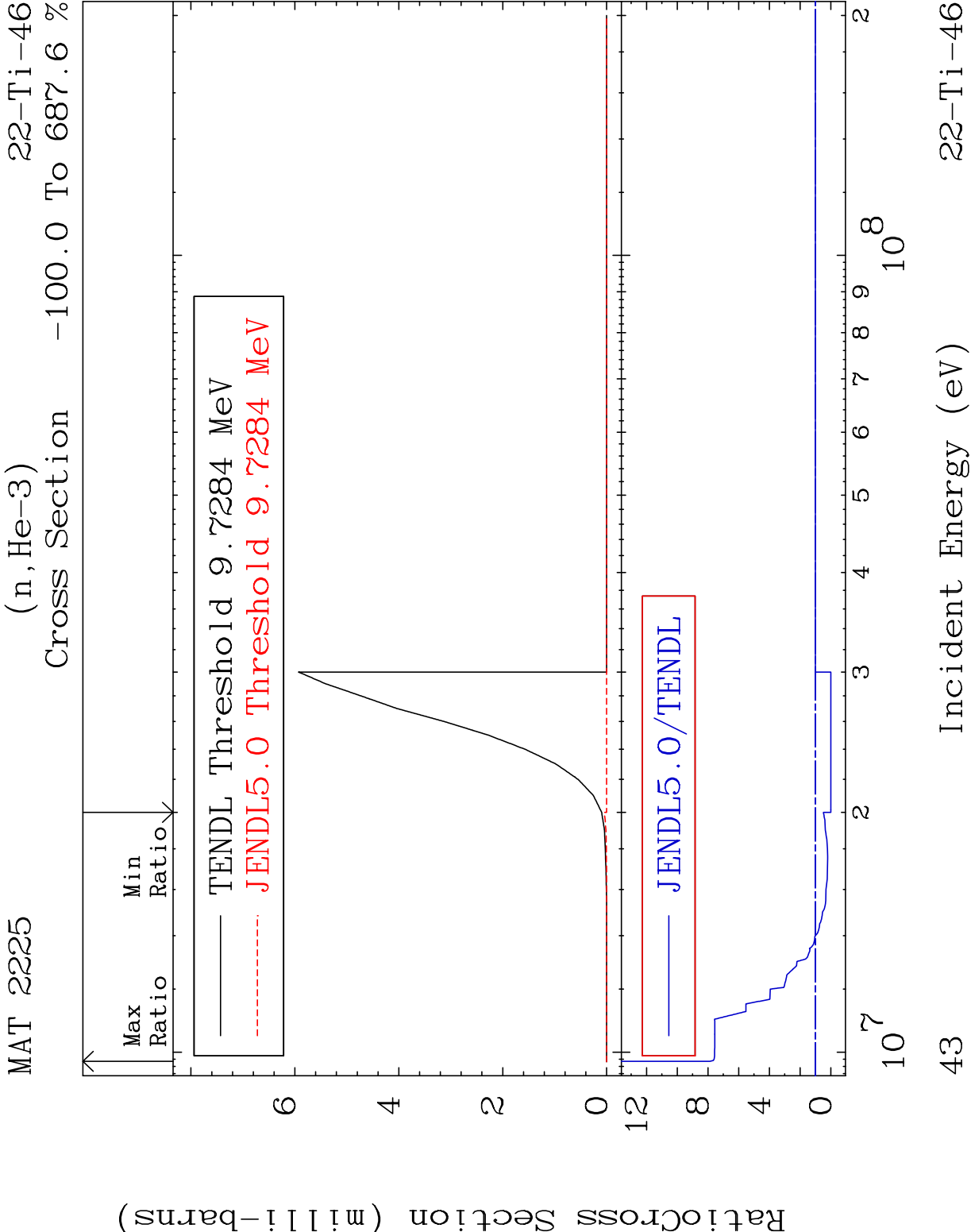




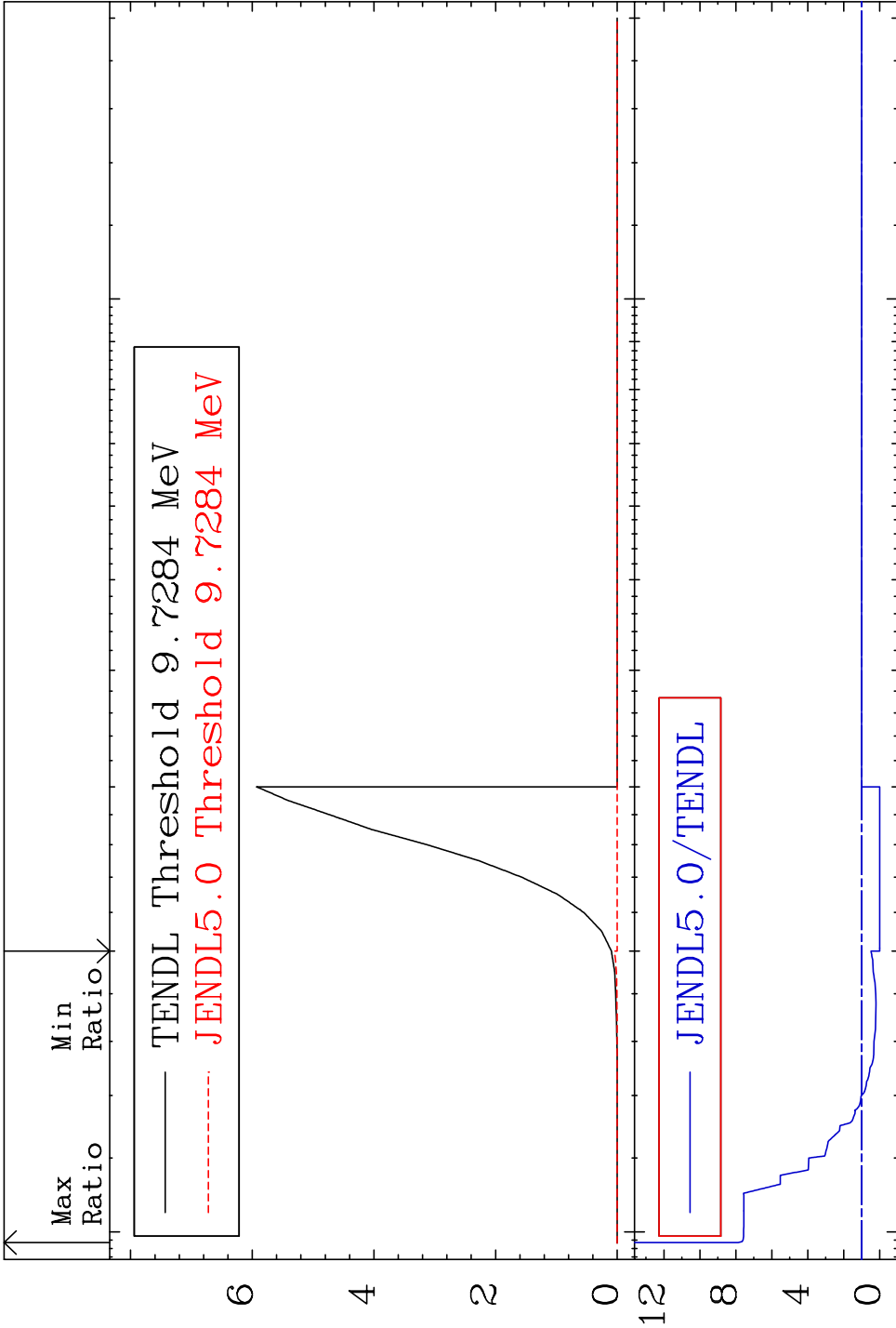


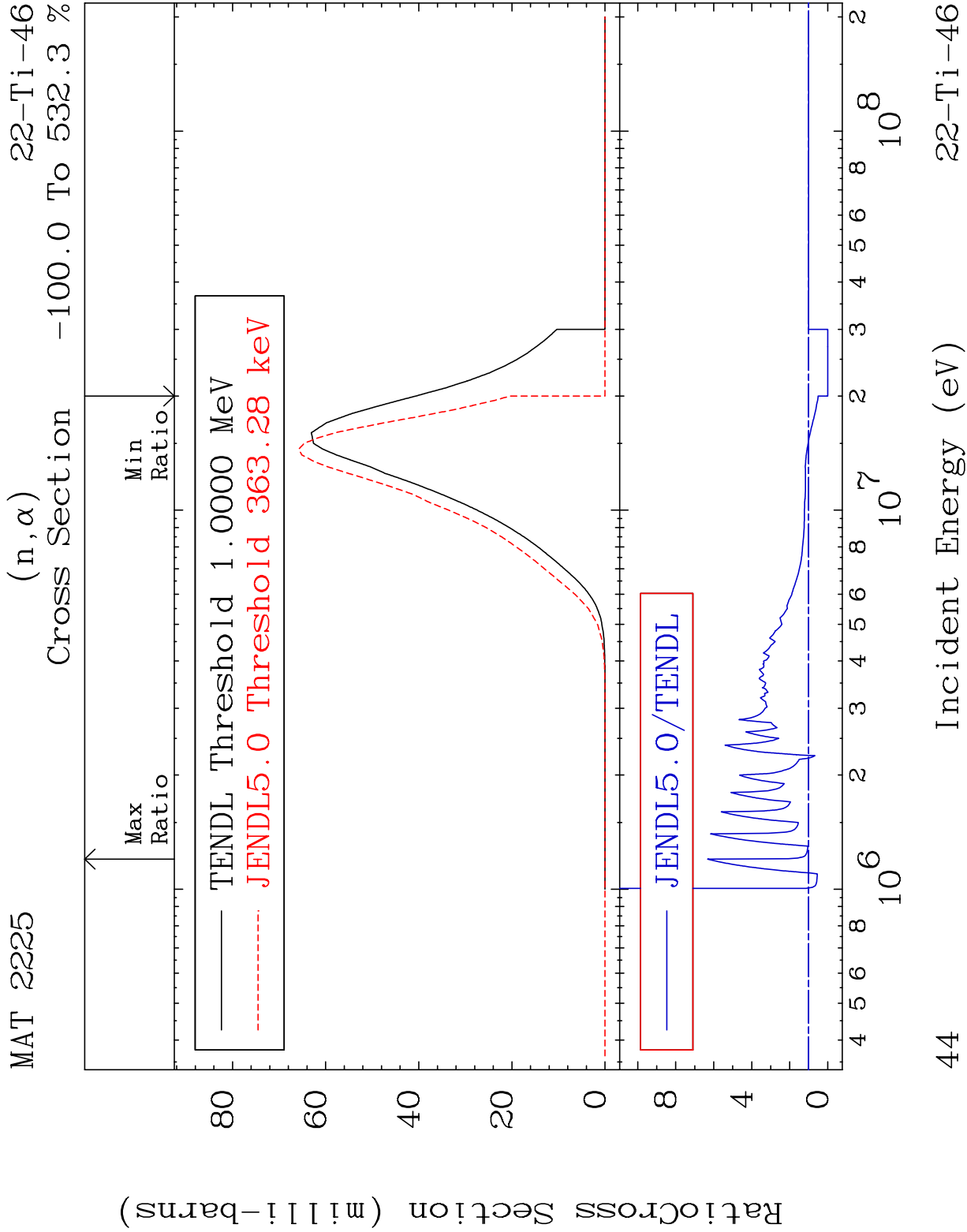






RatioCross Section (milli-barns)



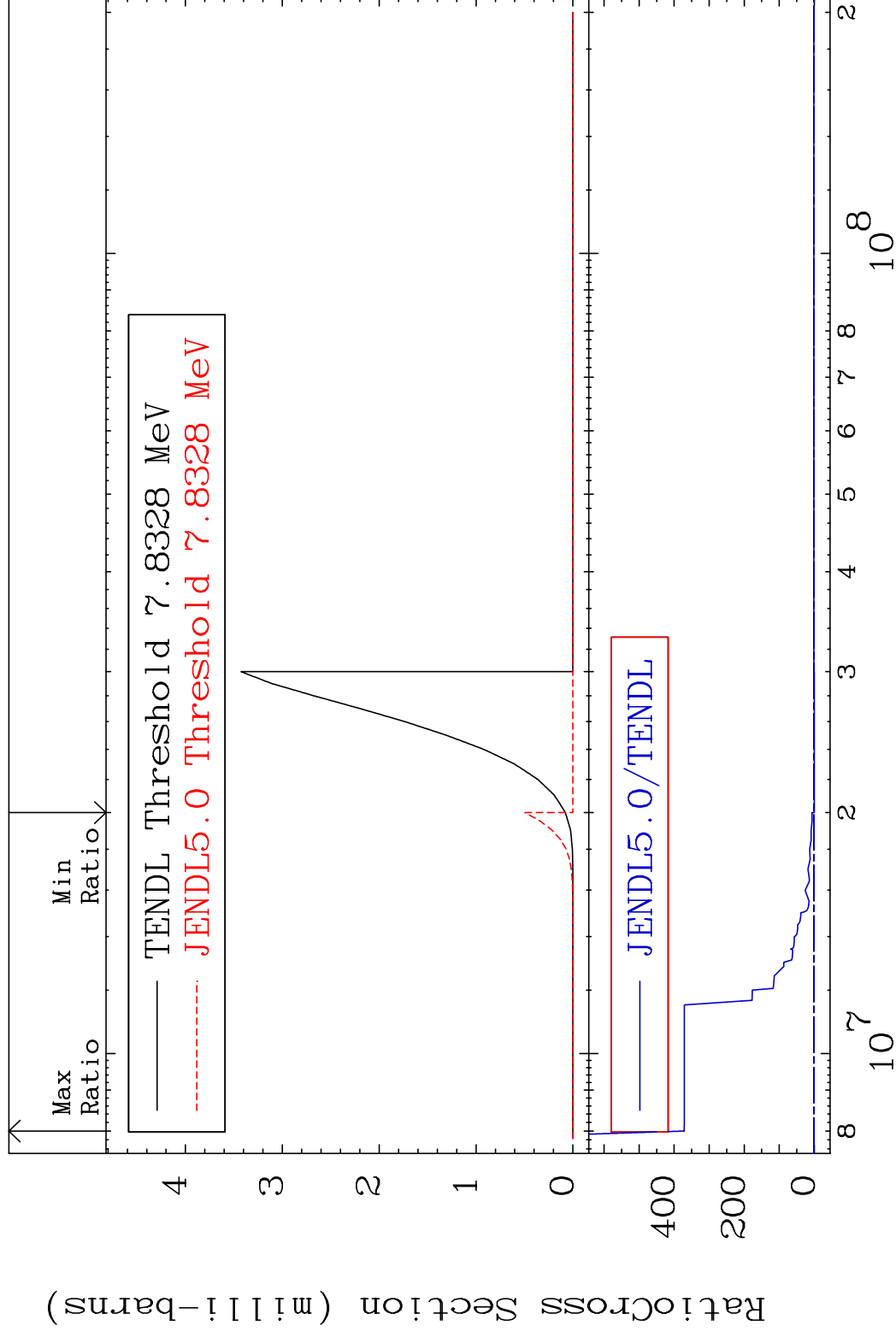


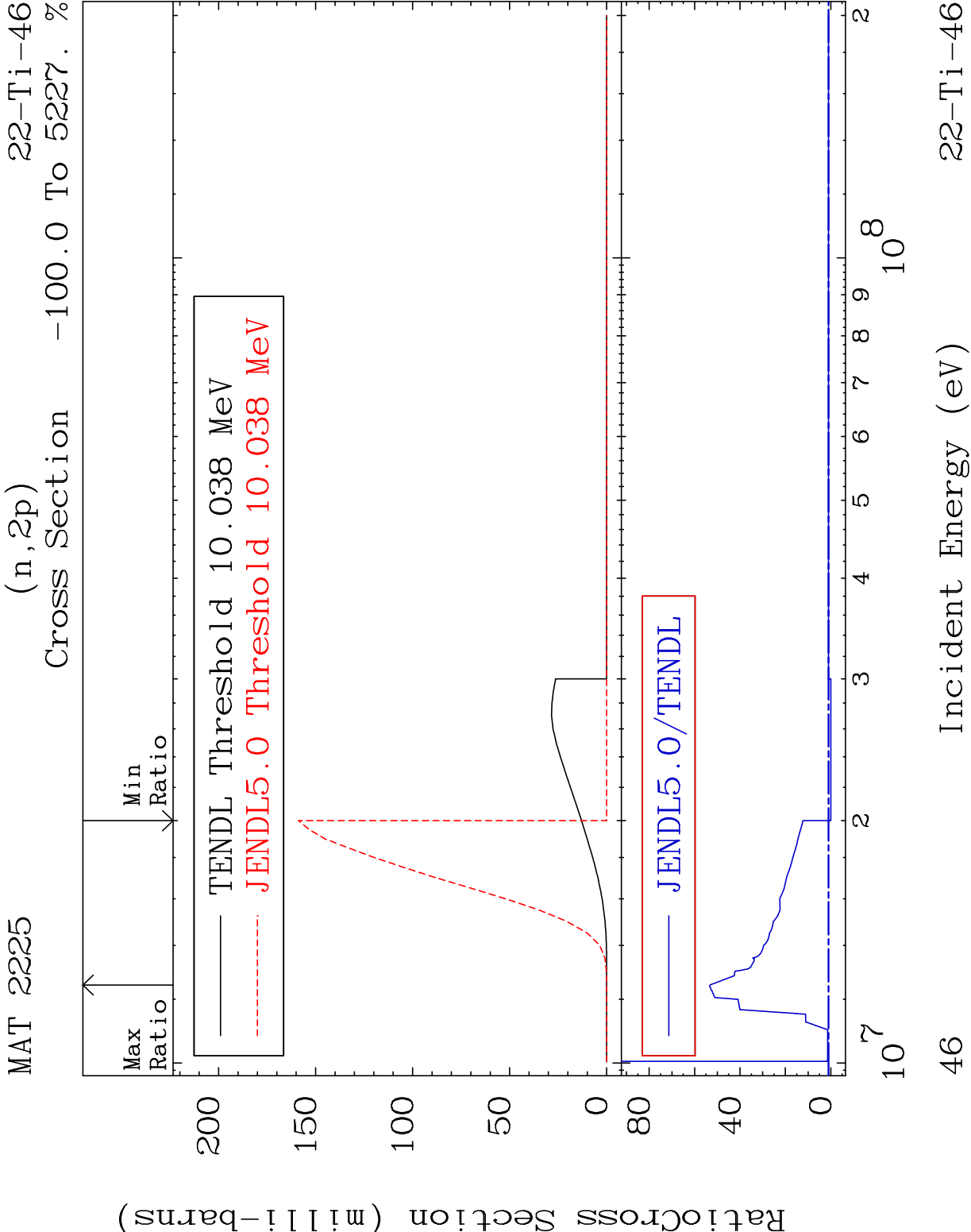
MAT 2225

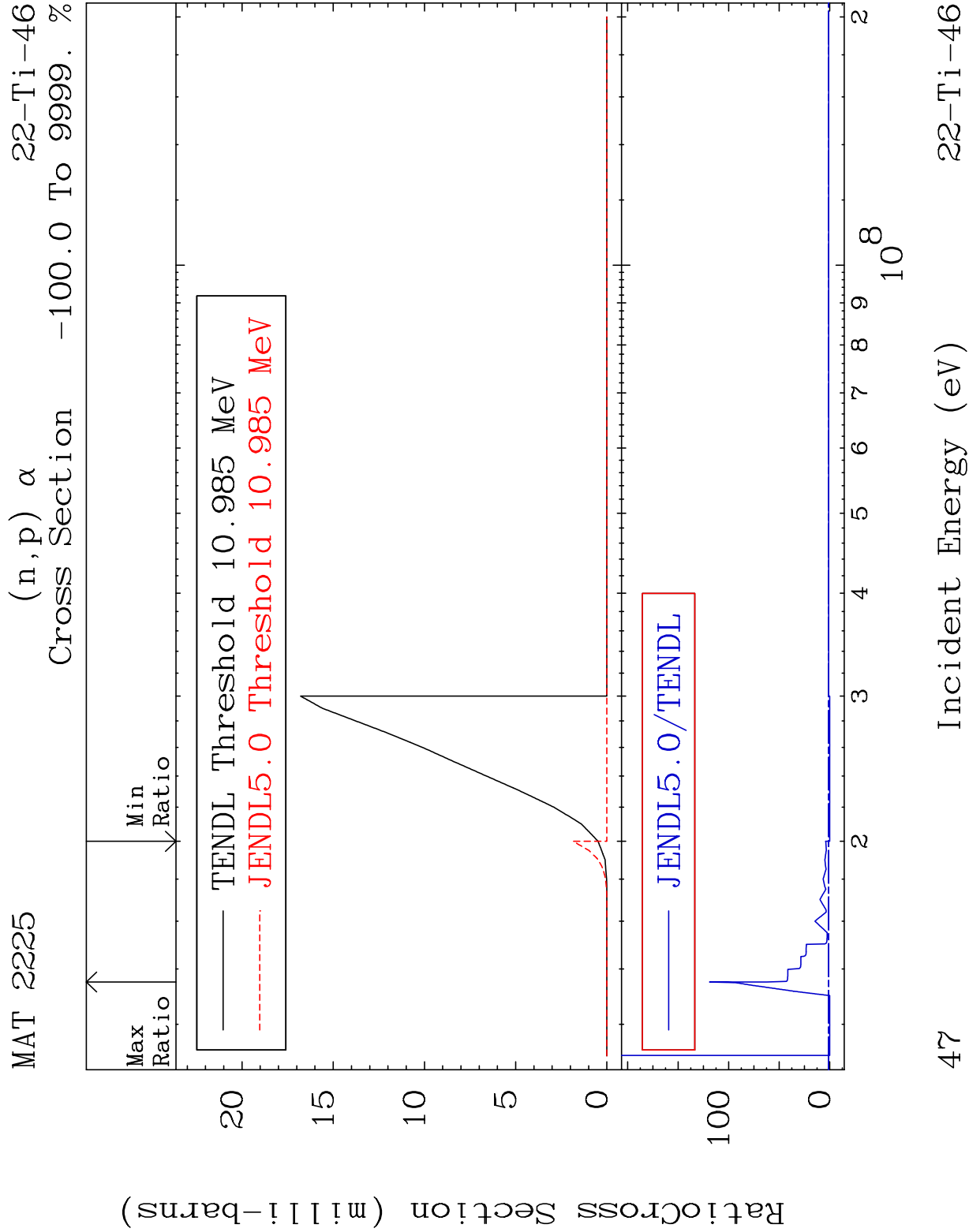
$$(n, 2\alpha)$$

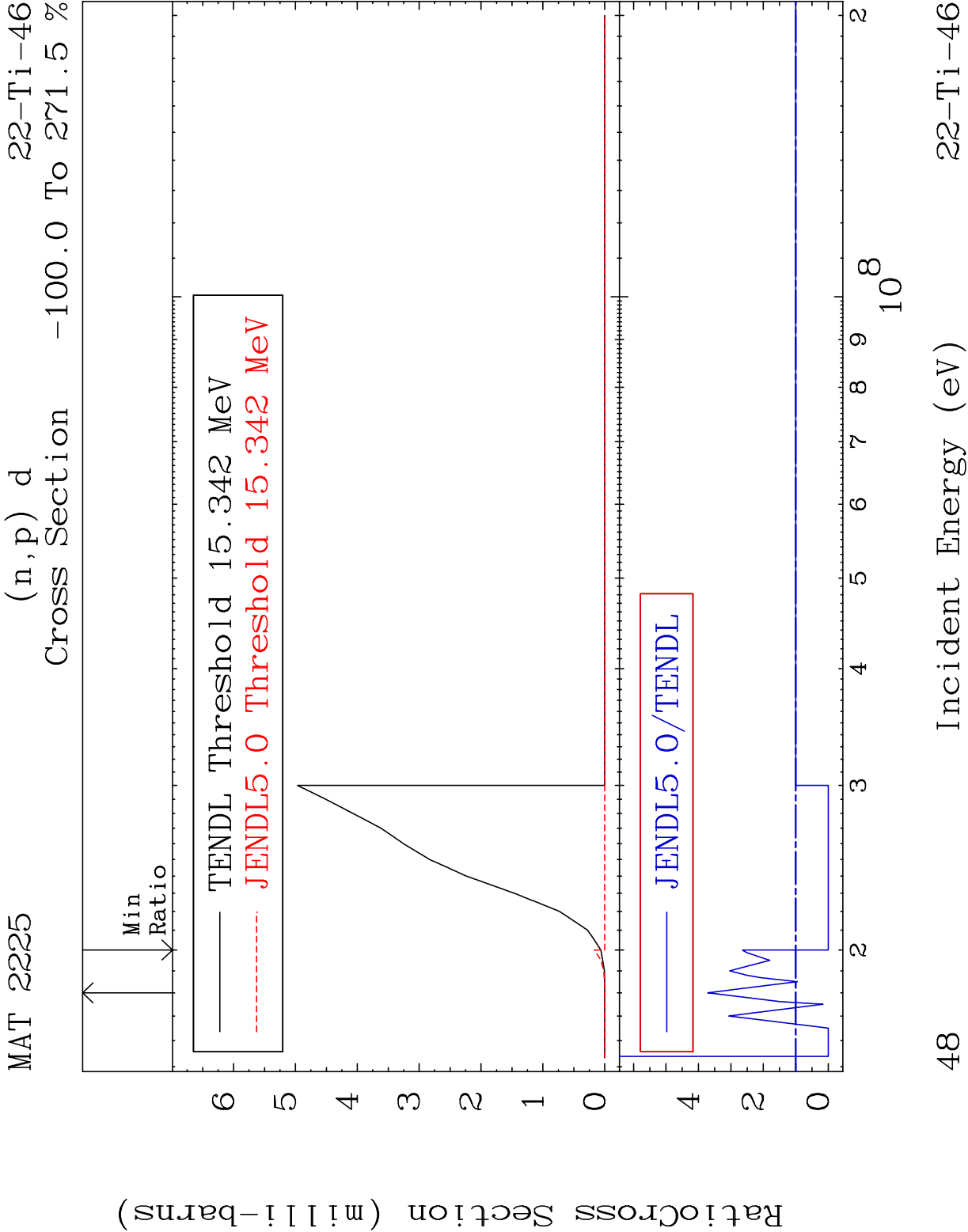
22-Ti-46

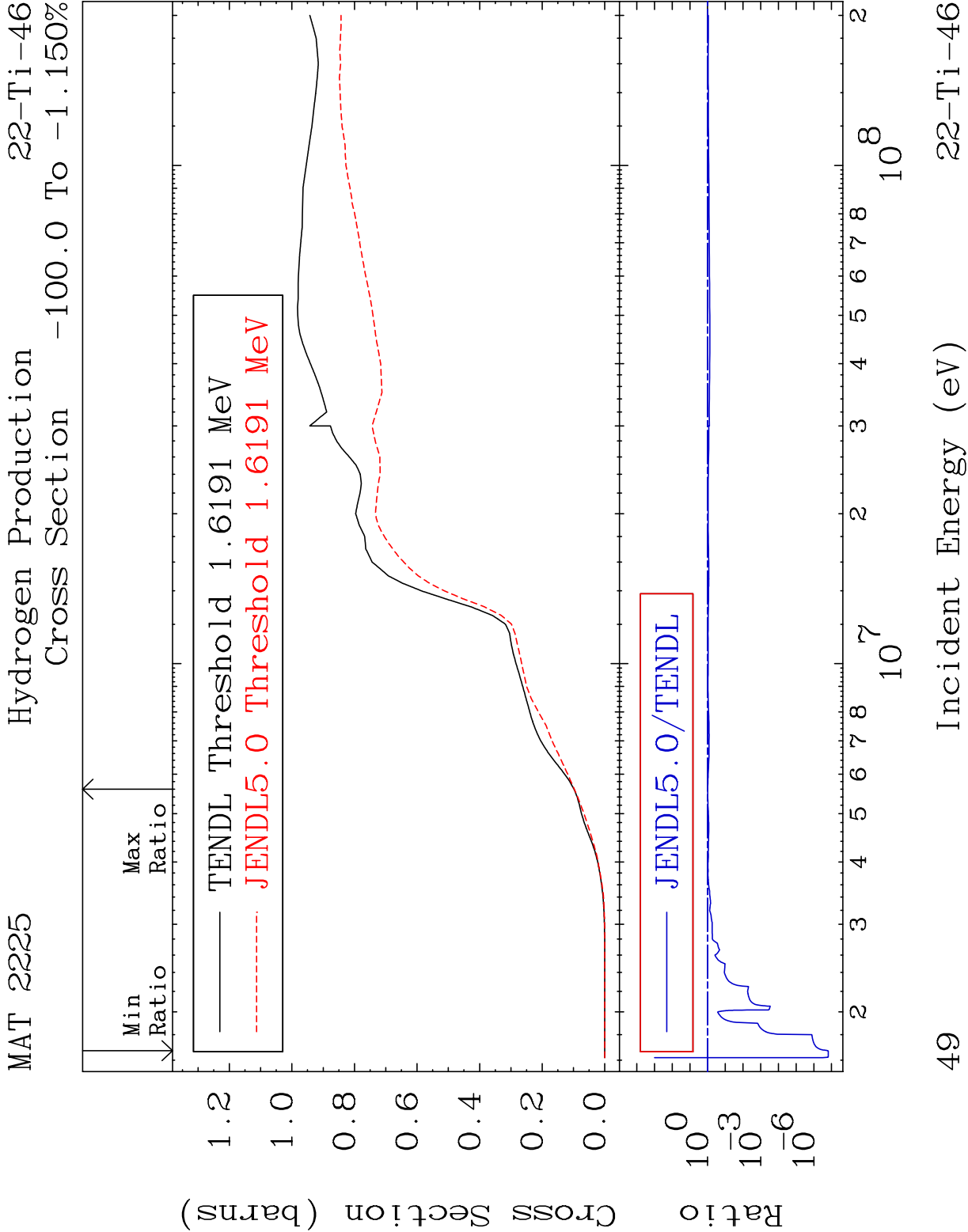
Cross Section -100.0 To 9999. %



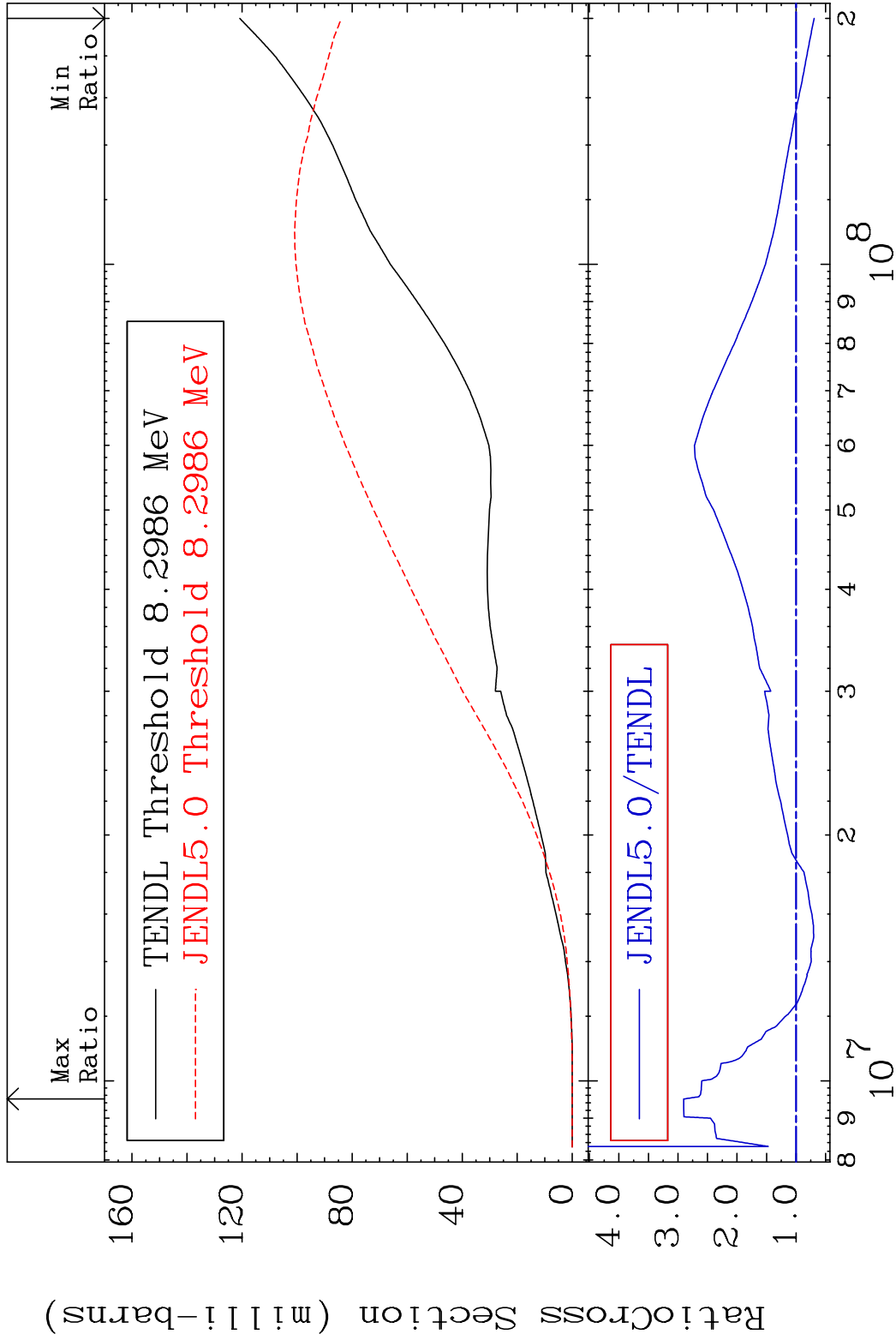




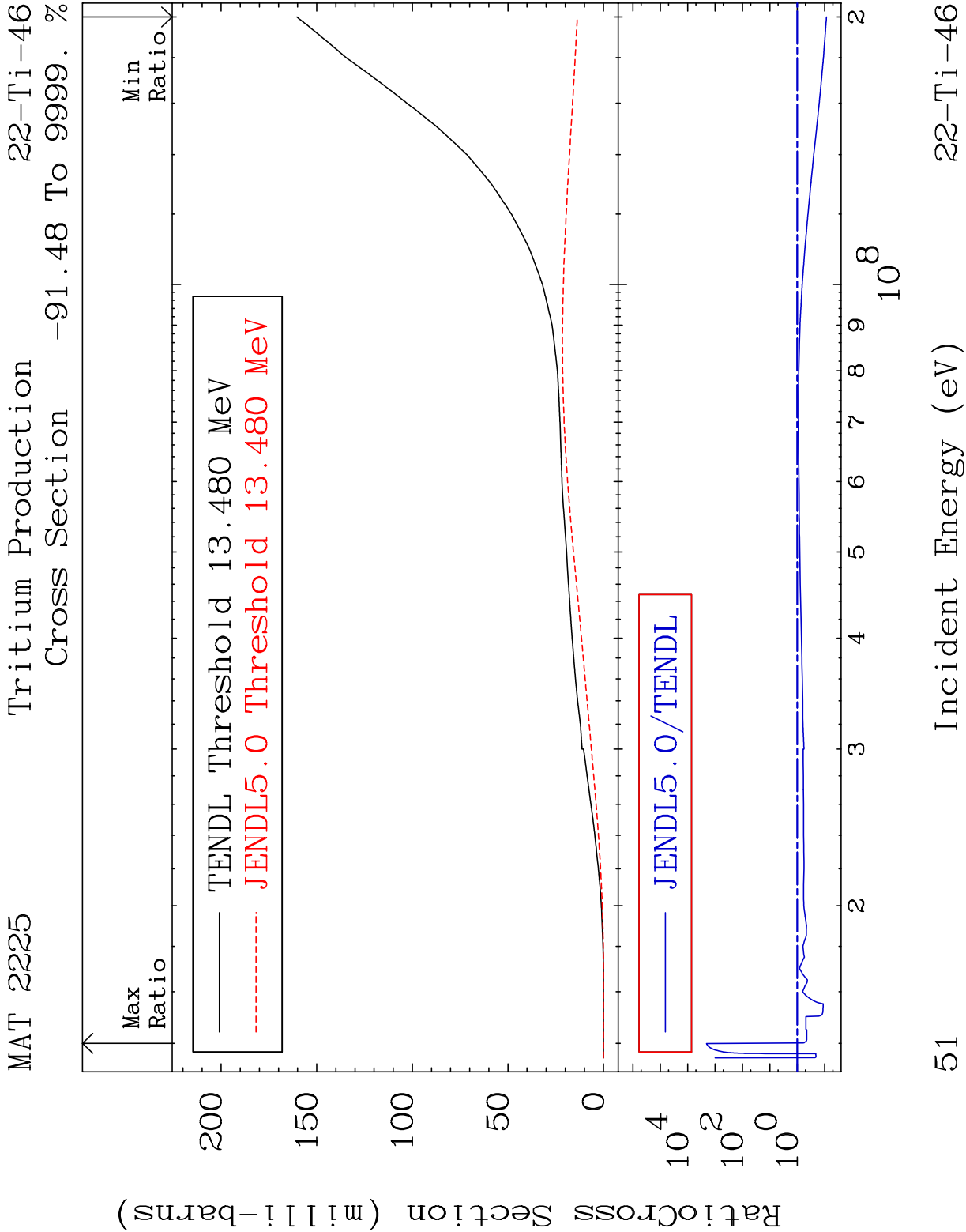


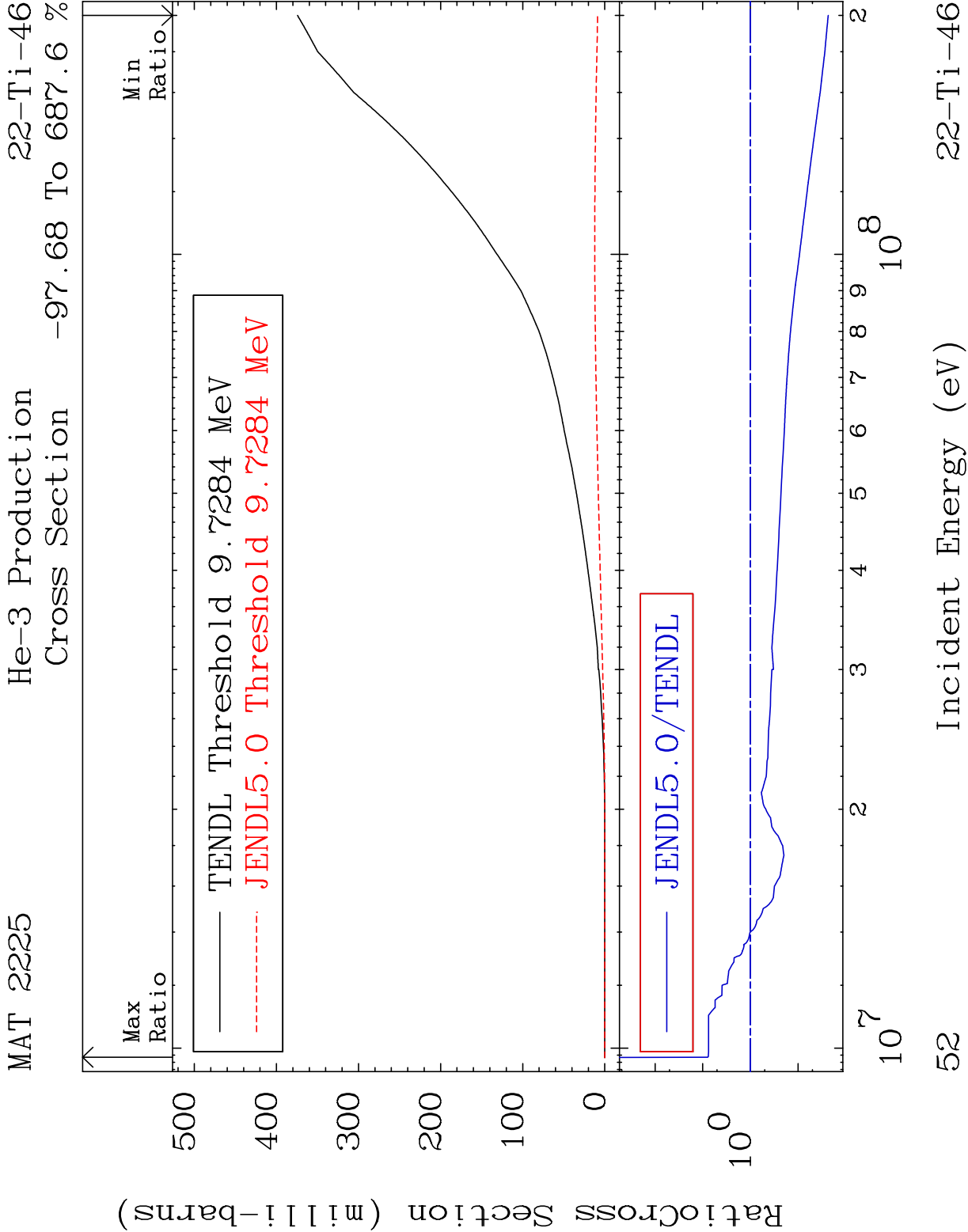


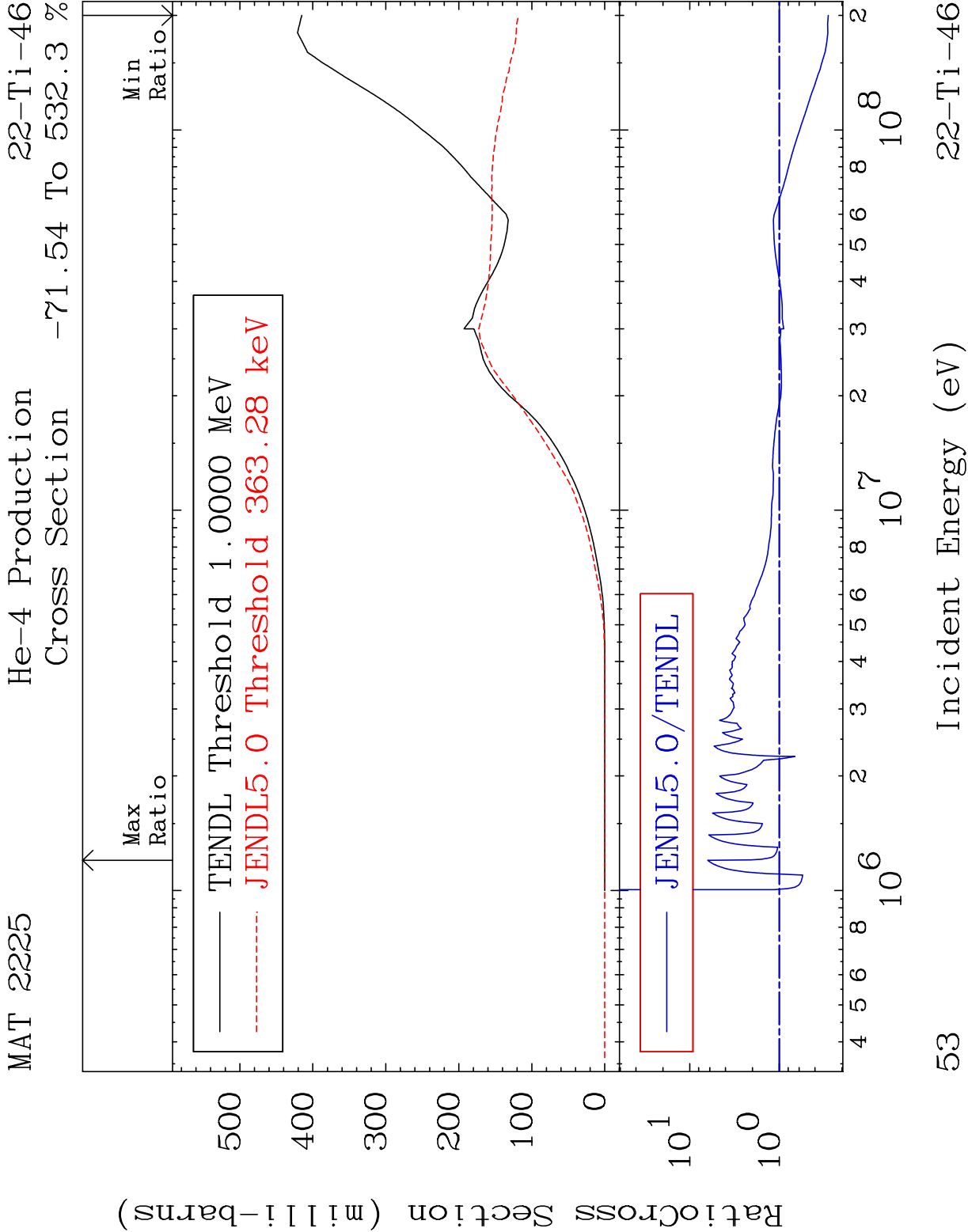
MAT 2225 Deuterium Production ²²Ti-46
Cross Section -30.57 To 190.3 %



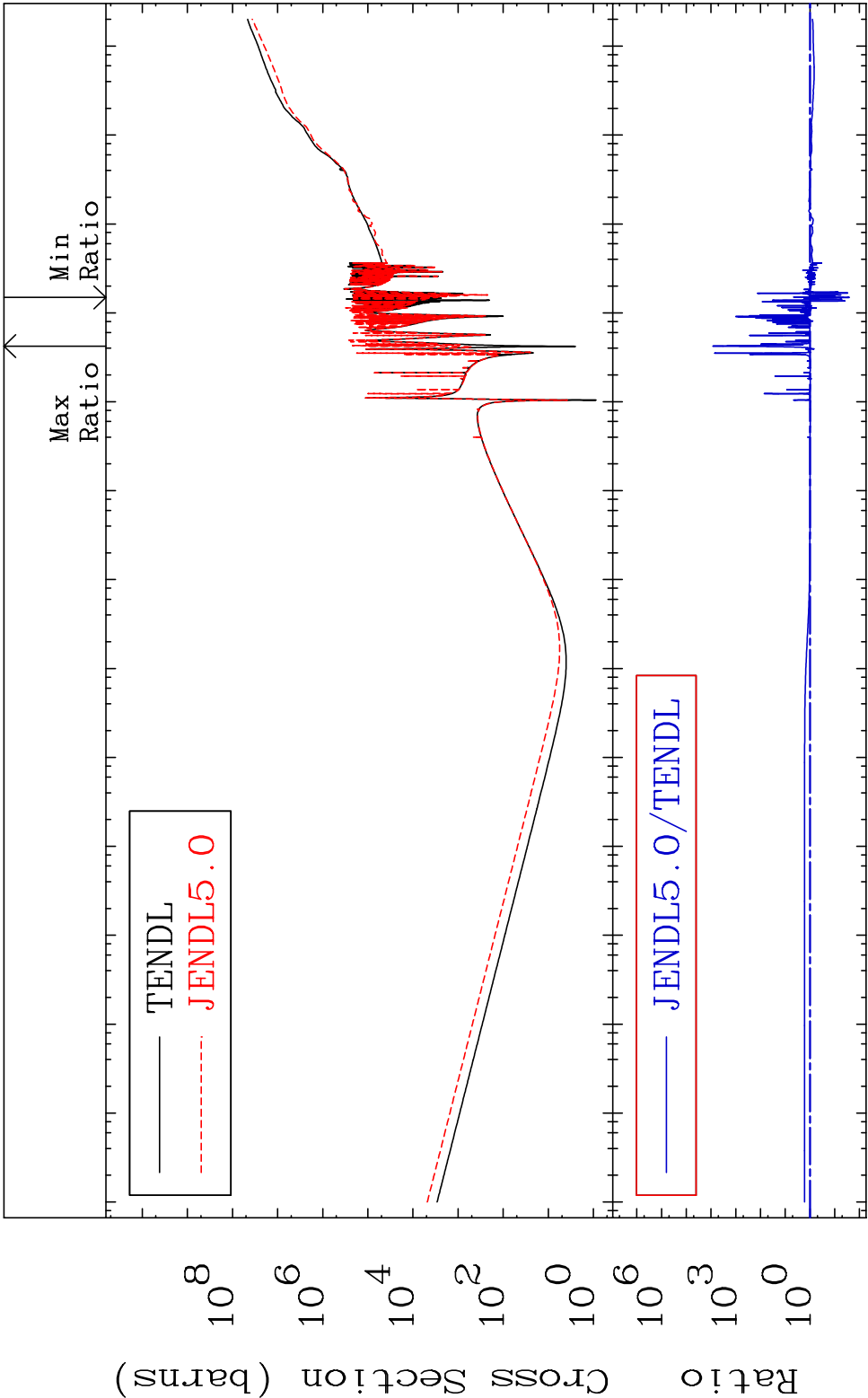
50 Incident Energy (eV) ²²Ti-46



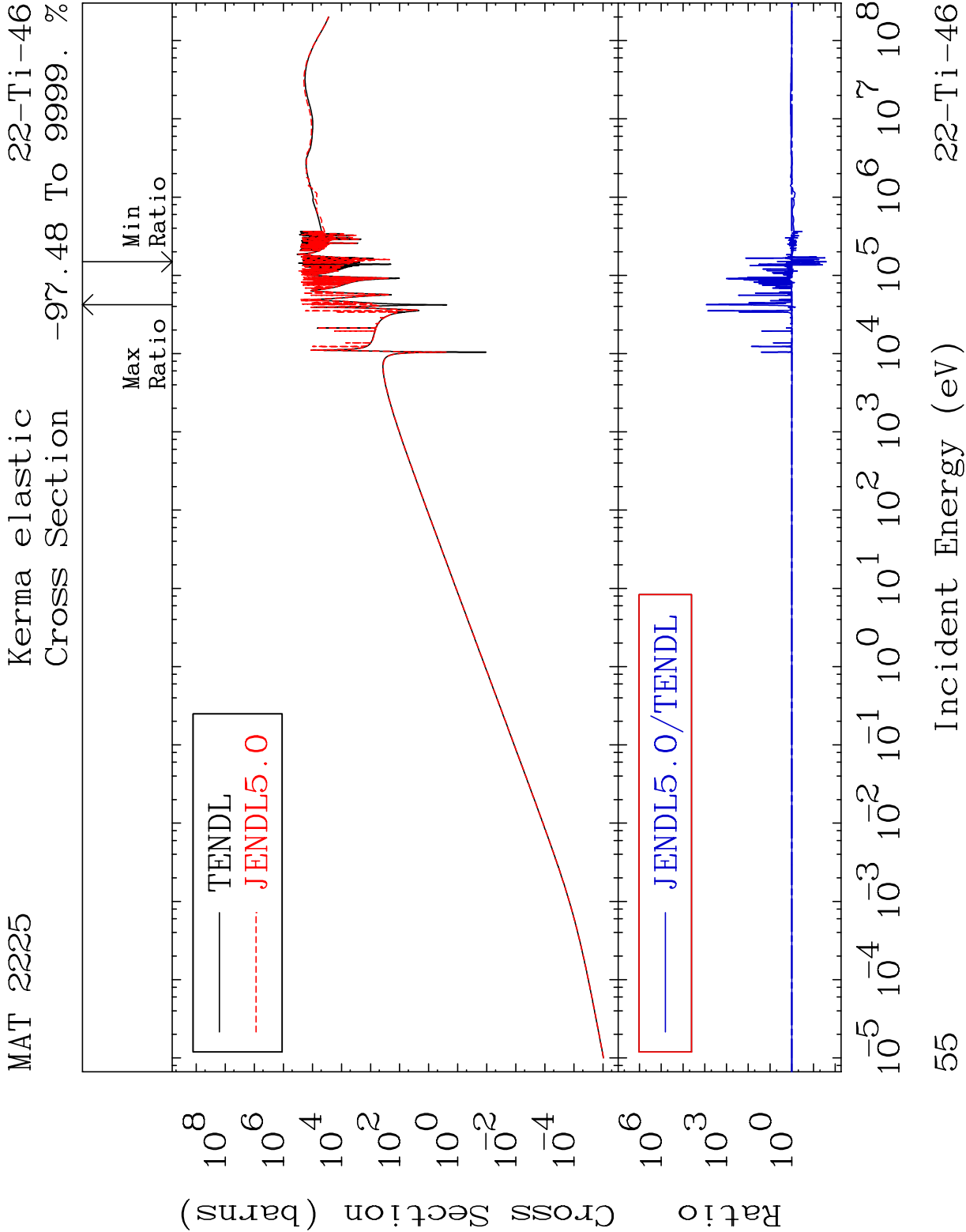




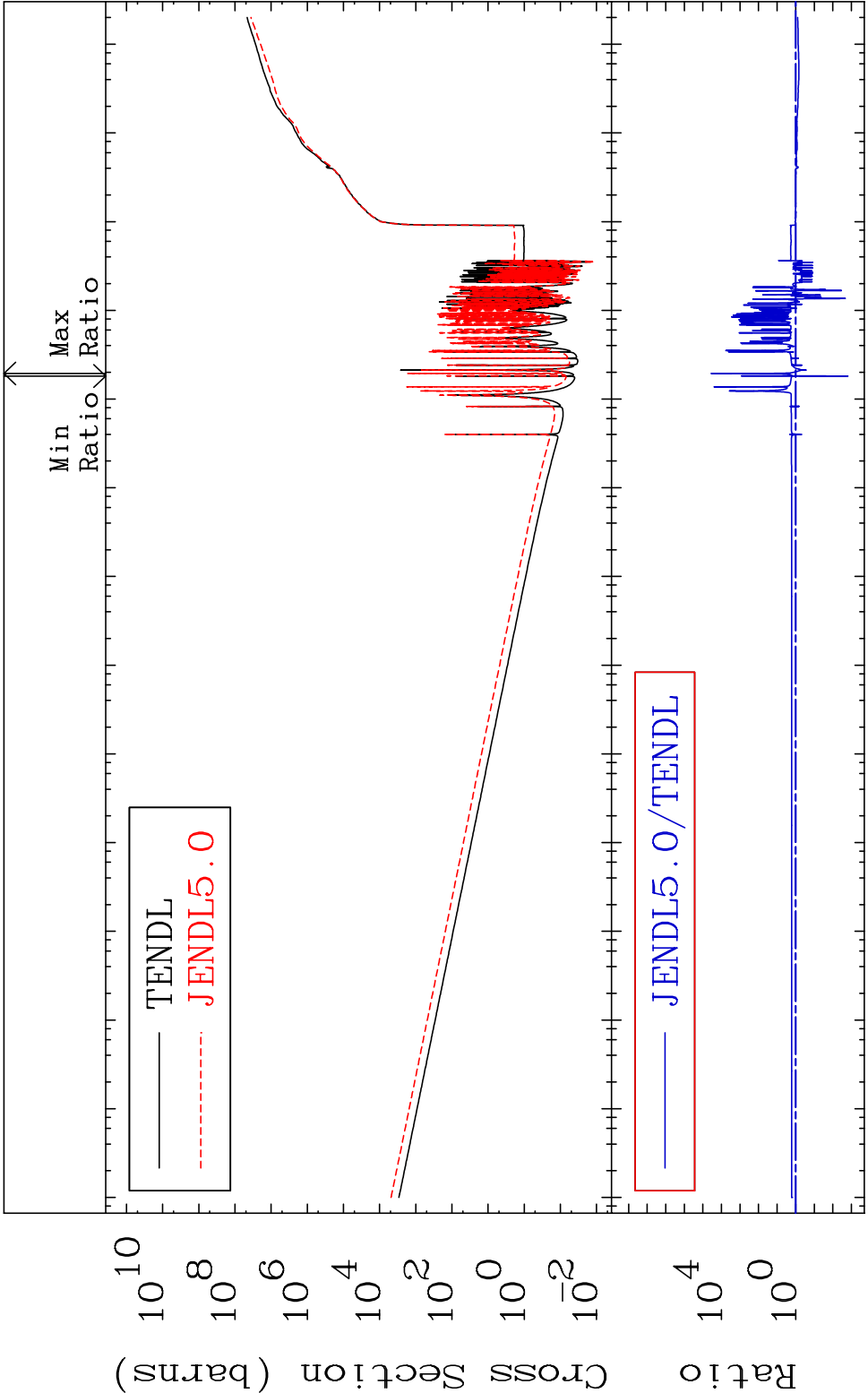
MAT 2225 Kerma total (eV-barns) 22-Ti-46
Cross Section -97.48 To 9999. %



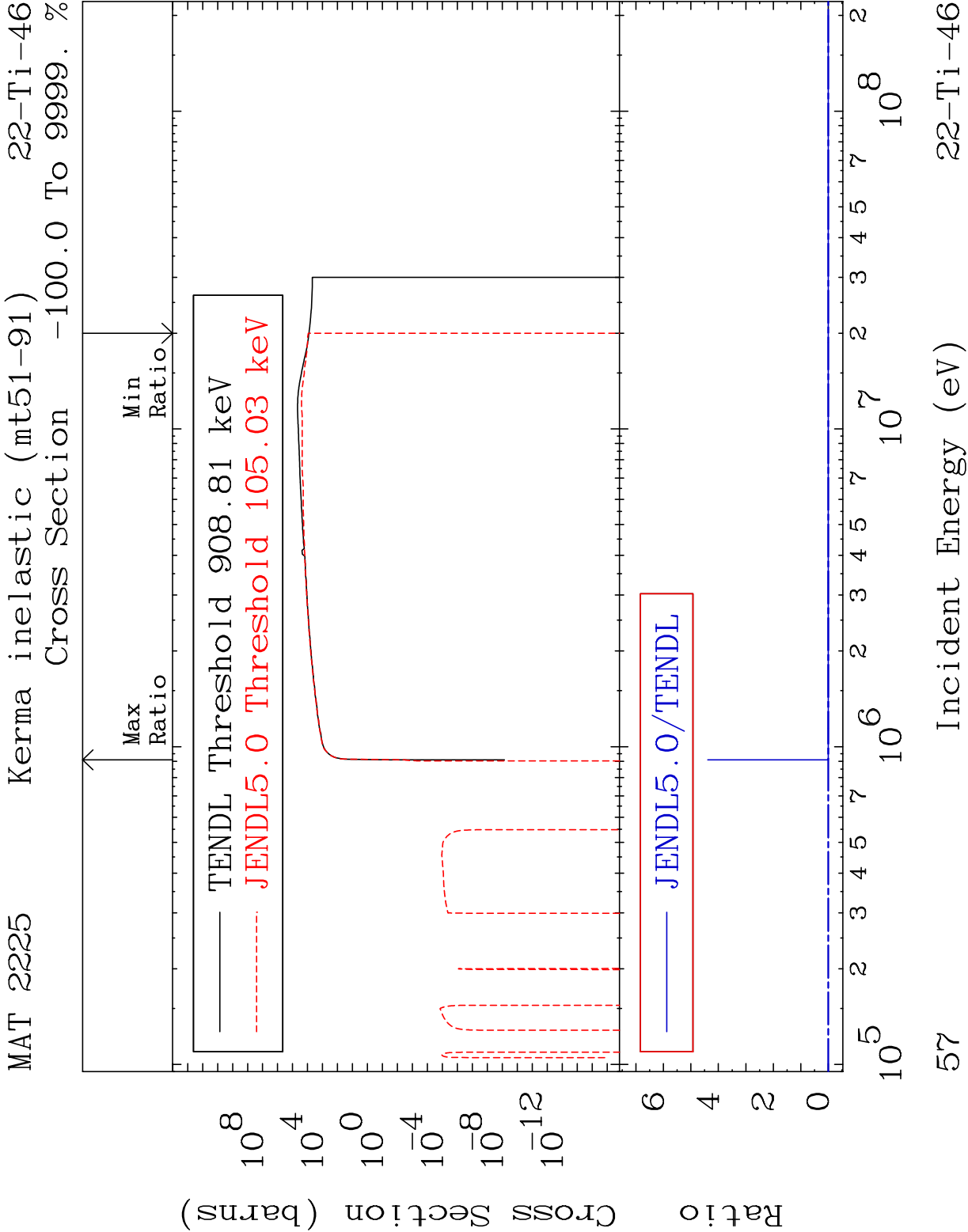
54 Incident Energy (eV) 22-Ti-46



MAT 2225 Kerma non-elastic (all but mt2) 22-Ti-46
Cross Section -99.84 To 9999. %

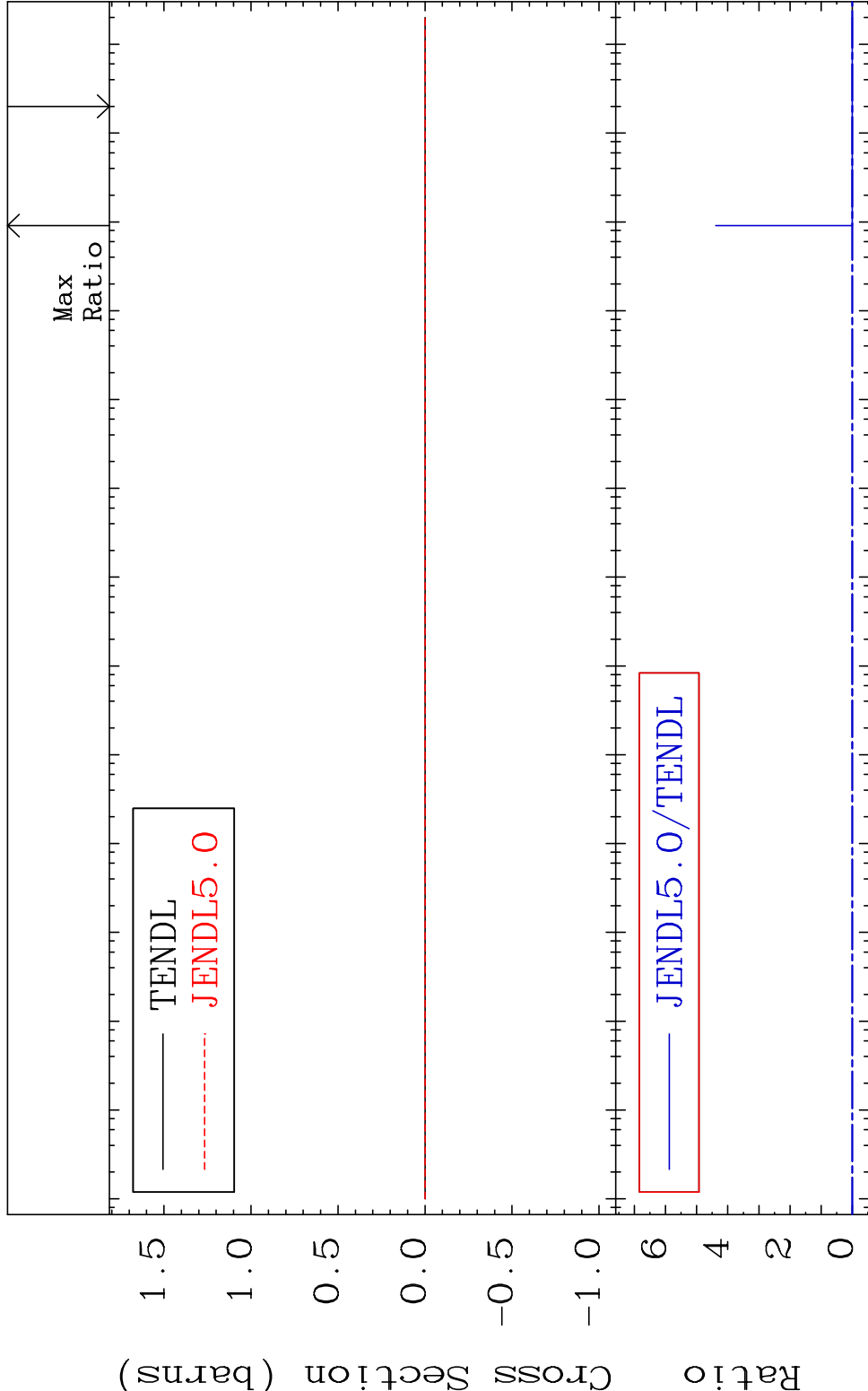


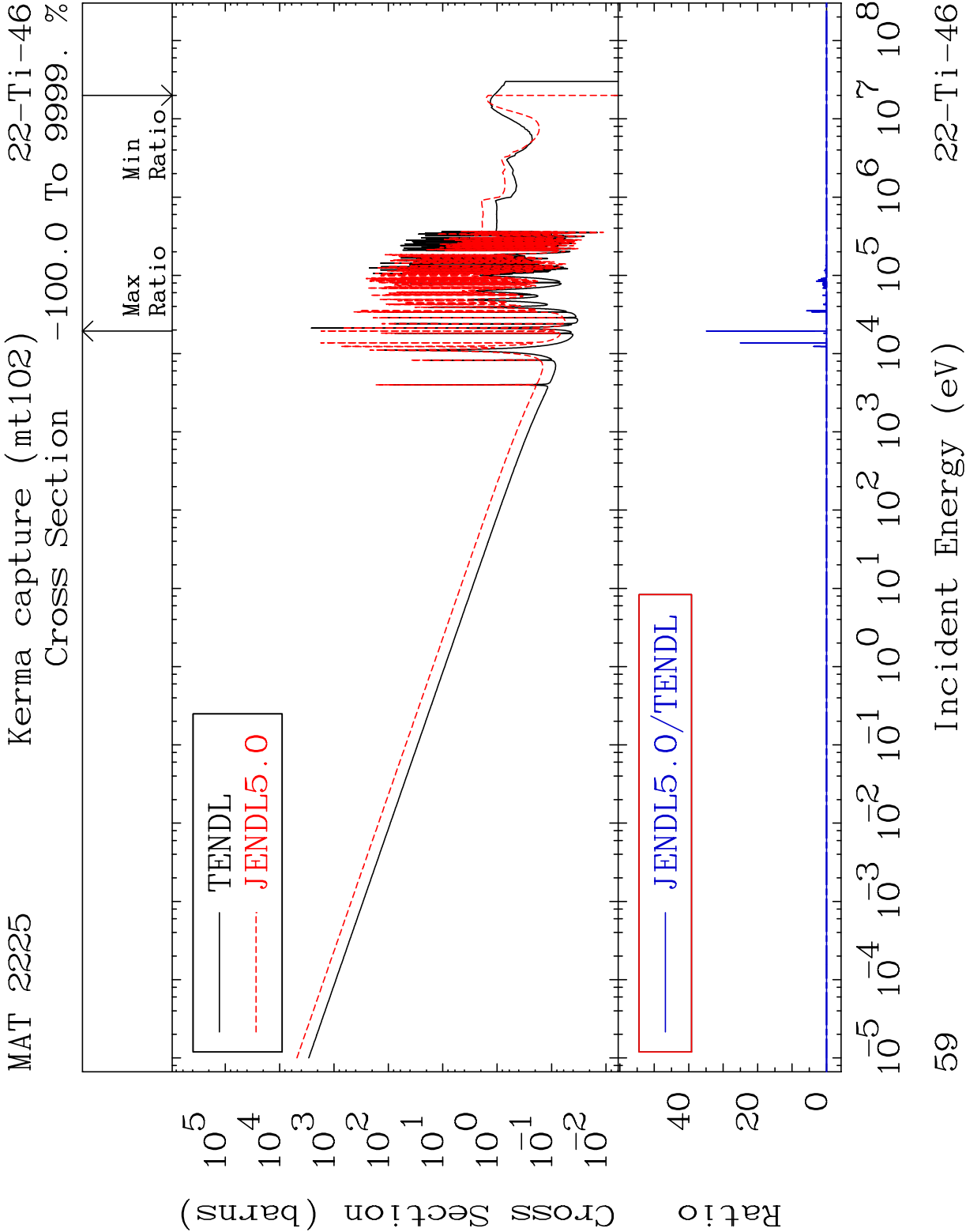
56 Incident Energy (eV) 22-Ti-46

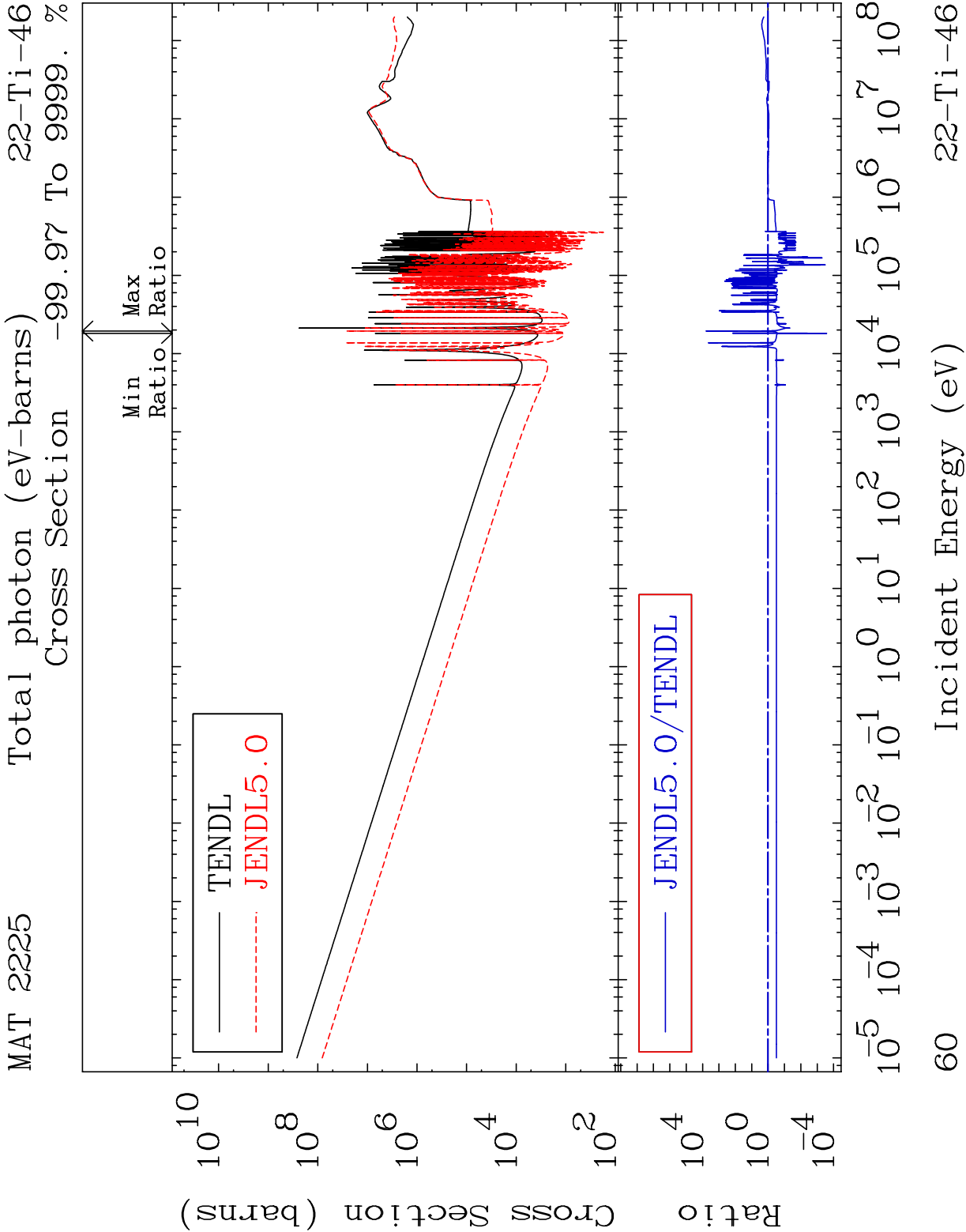


MAT 2225 Kerma fission (mt18 or mt19-20-21-38) 22-Ti-46

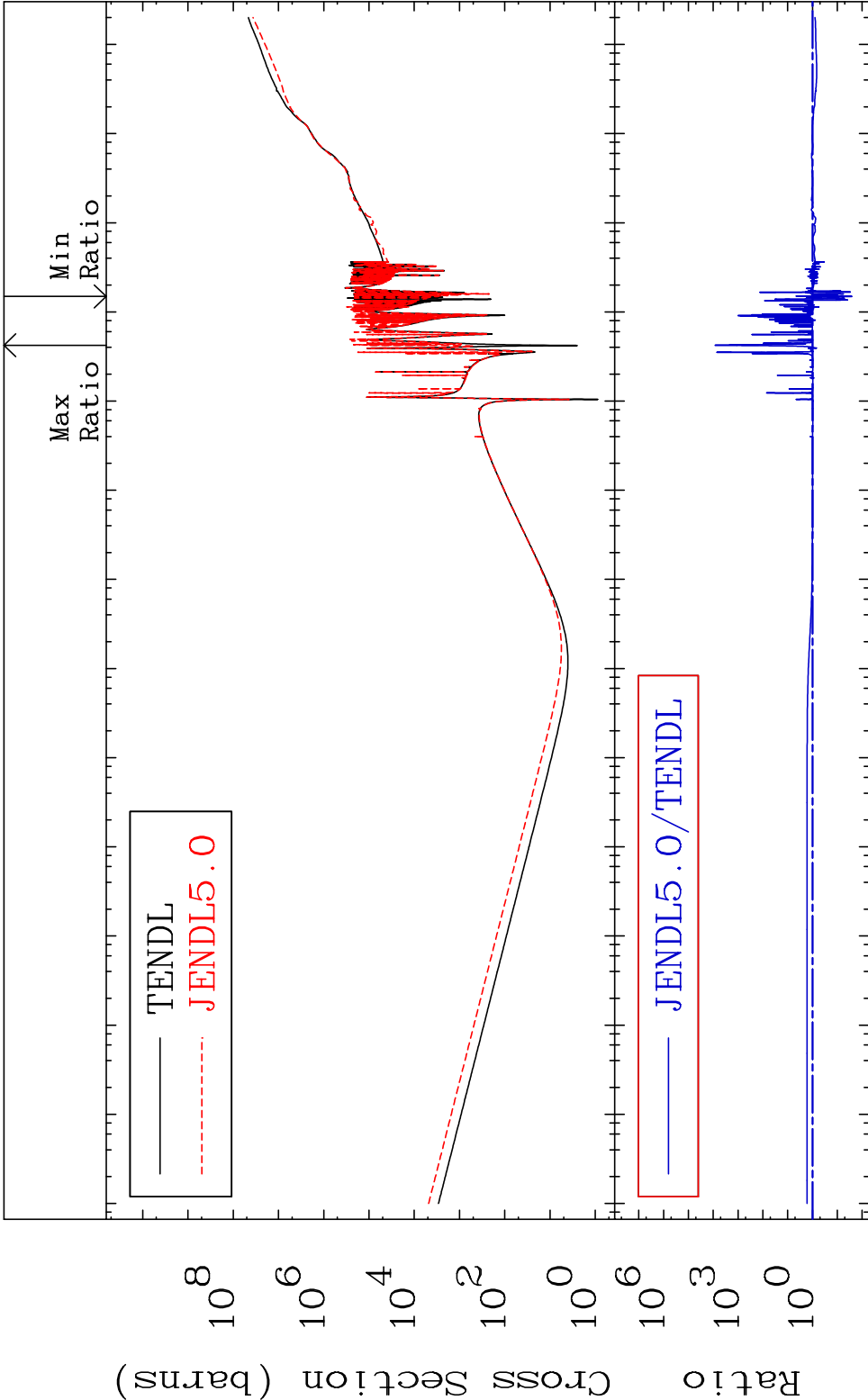
Cross Section -100.0 To 9999. %





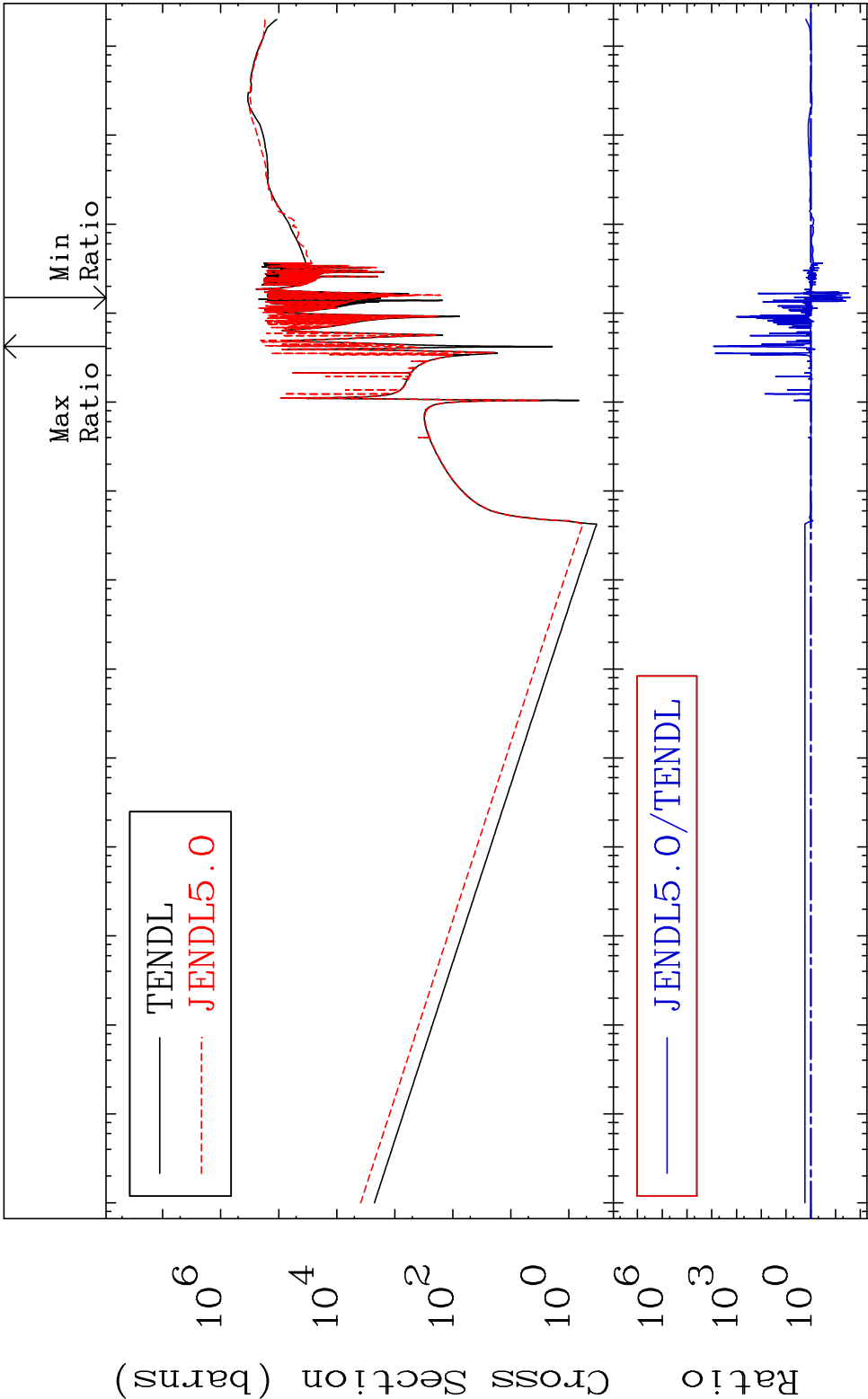


MAT 2225 Total kinematic kerma (high limit) 22-Ti-46
Cross Section -97.48 To 9999. %



61 Incident Energy (eV) 22-Ti-46

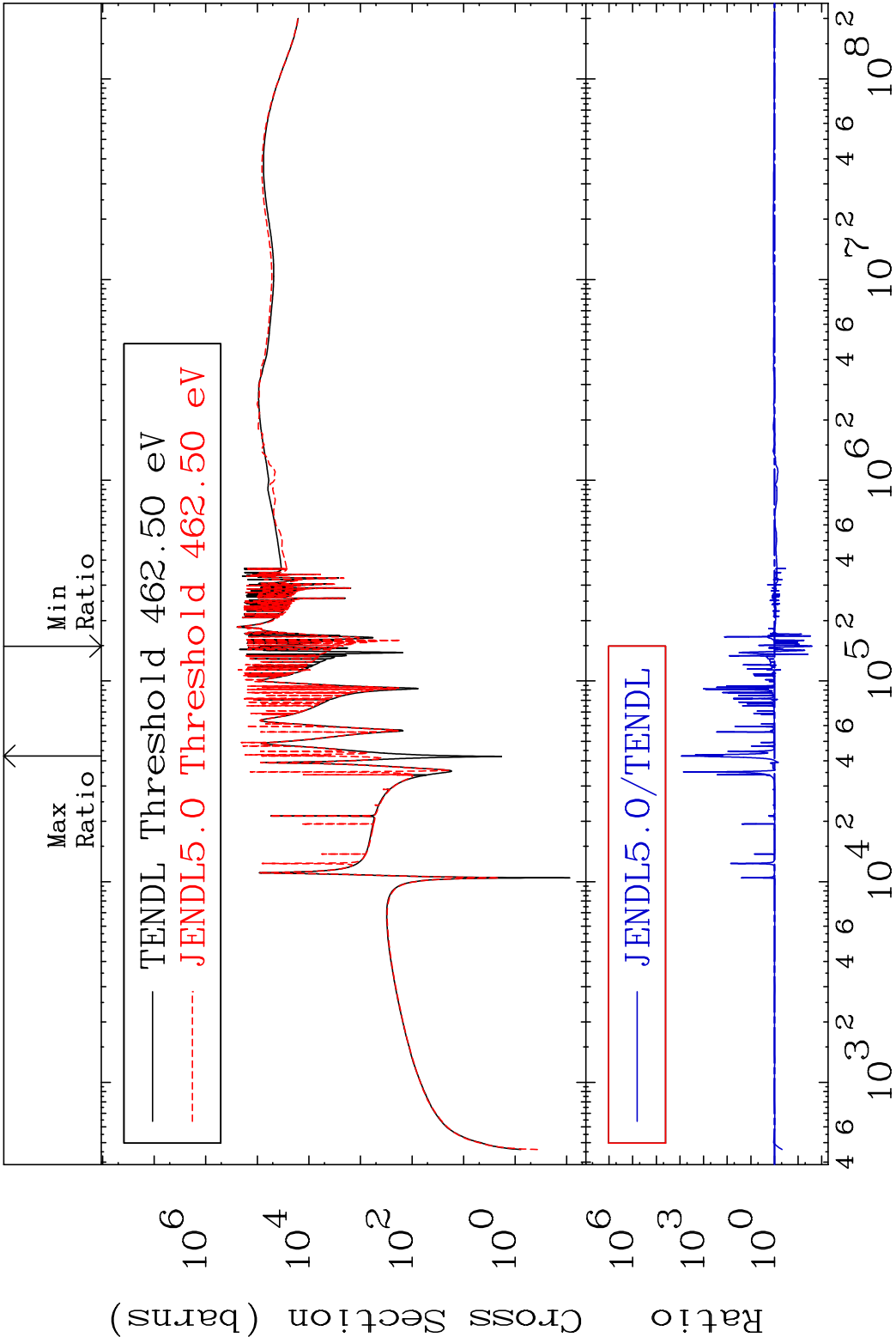
MAT 2225 Dpa total (eV-barns) 22-Ti-46
Cross Section -97.48 To 9999. %



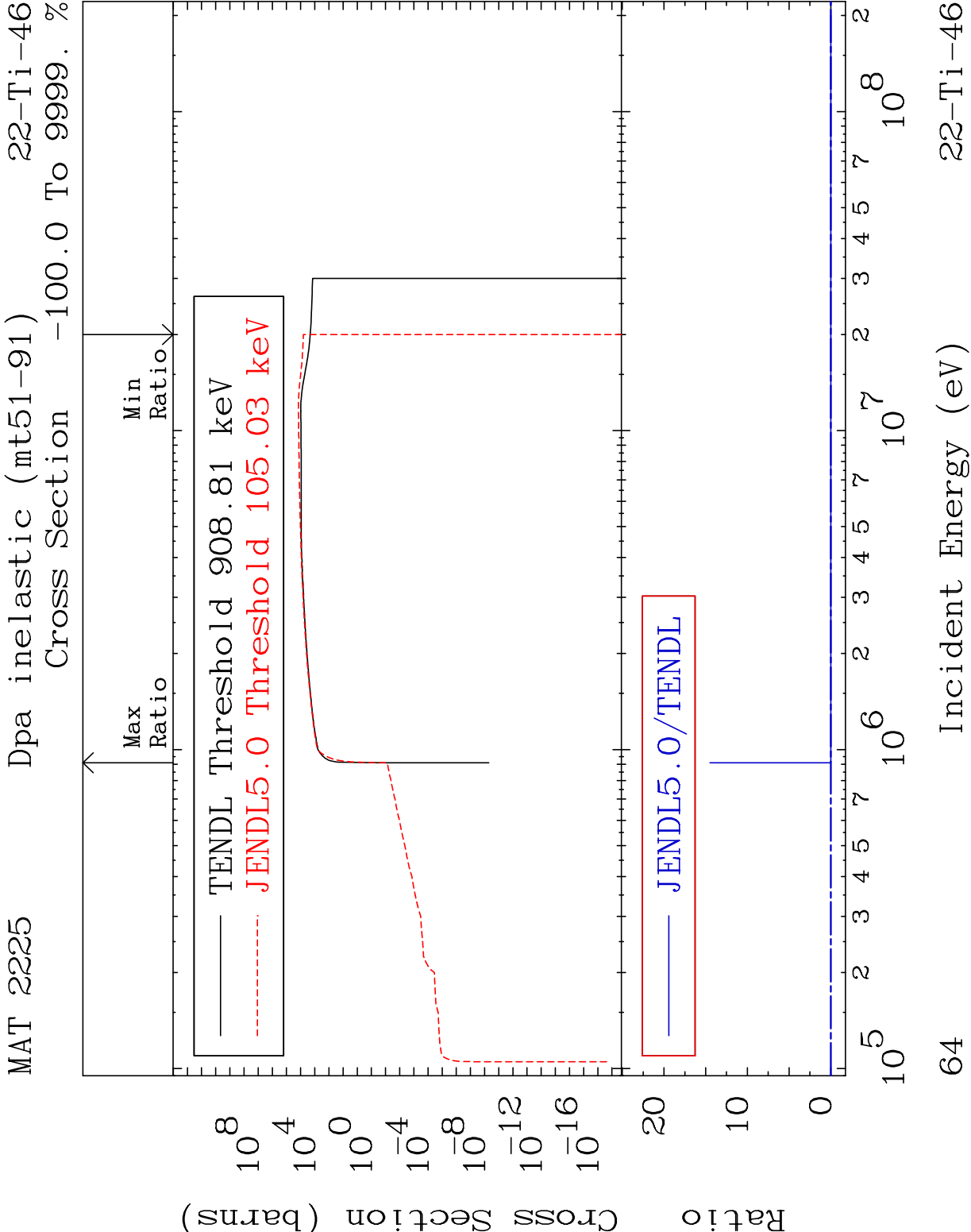
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

62 Incident Energy (eV) 22-Ti-46

MAT 2225 Dpa elastic (mt2) 22-Ti-46
 Cross Section -97.48 To 9999. %

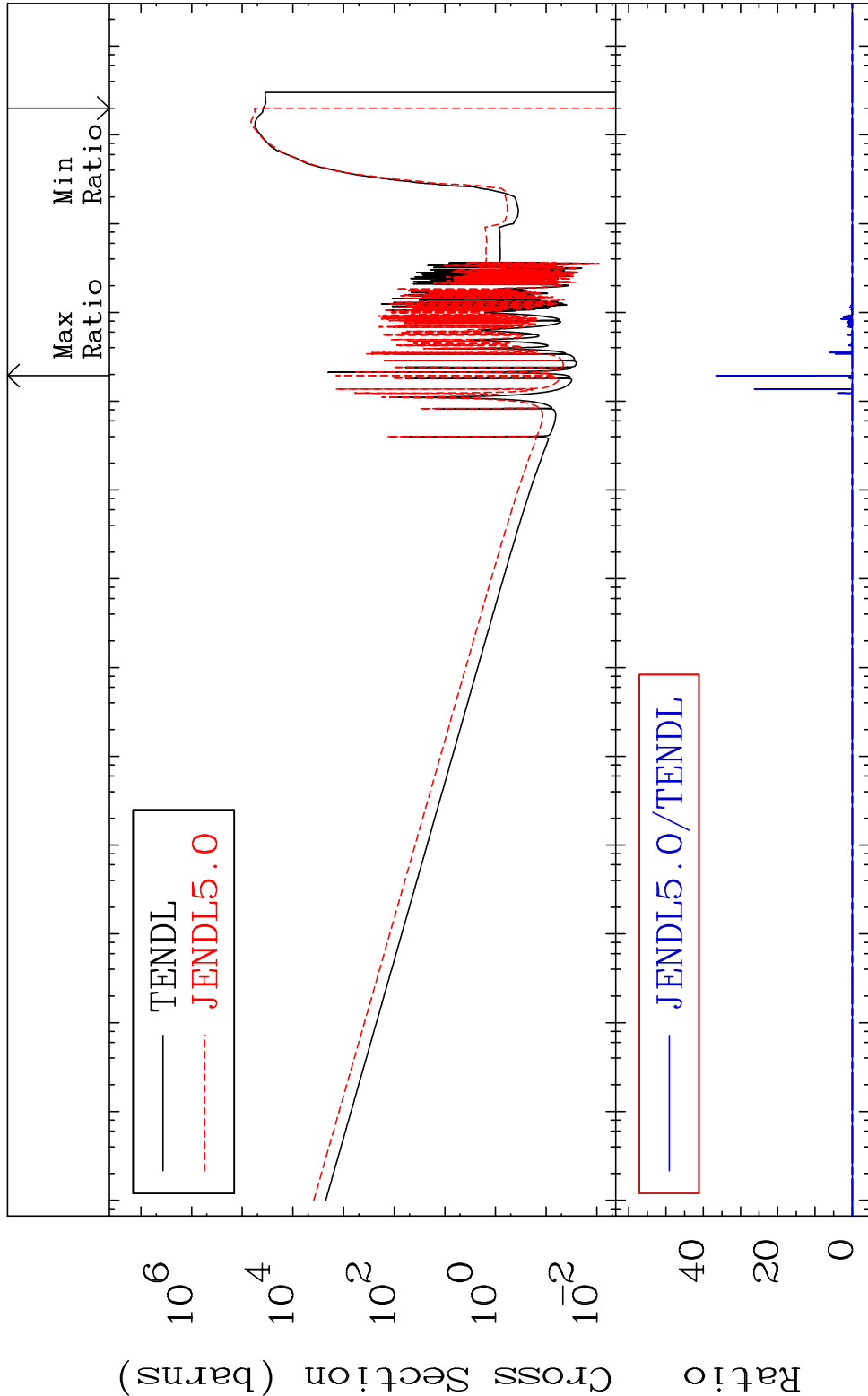


63 Incident Energy (eV) 22-Ti-46

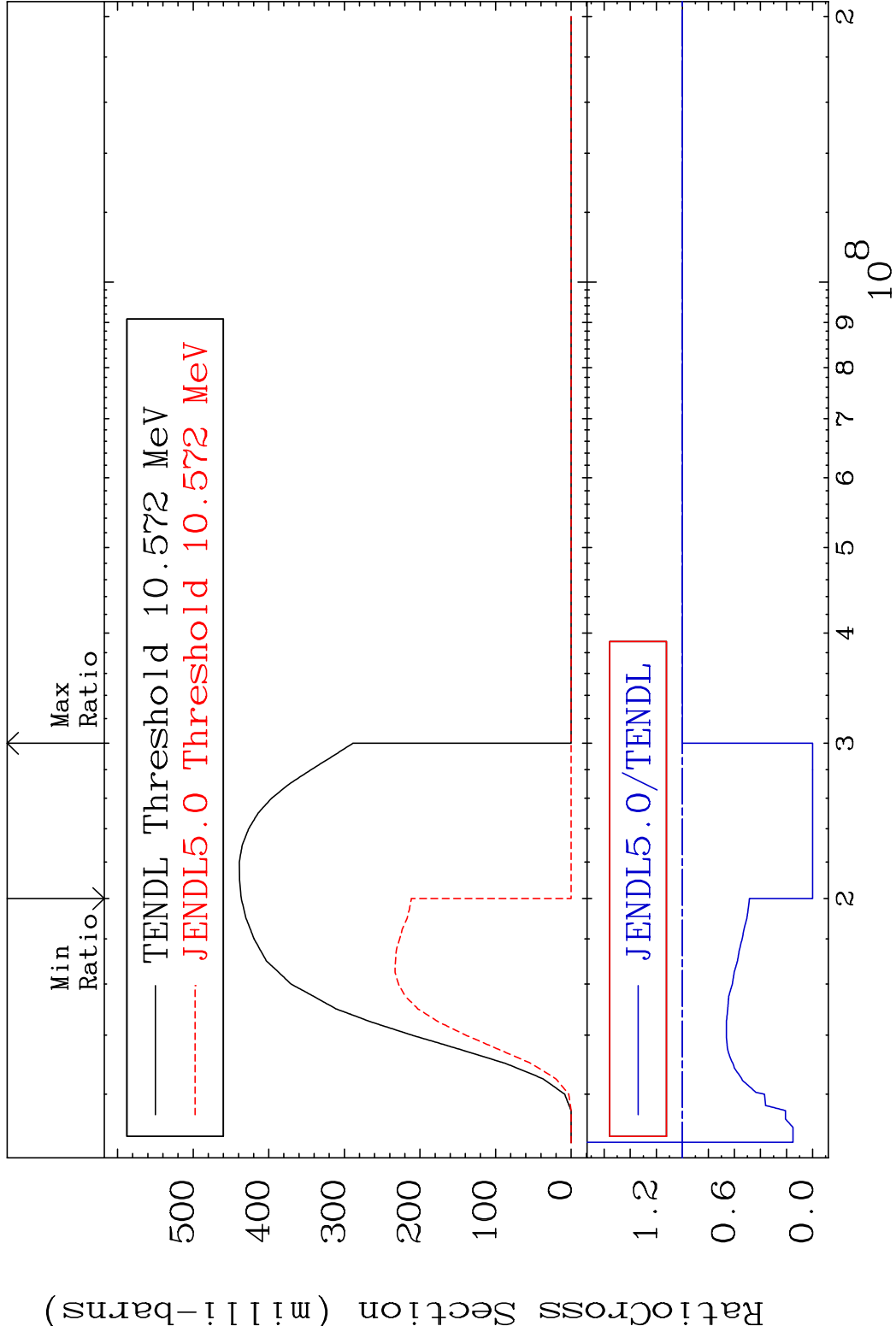


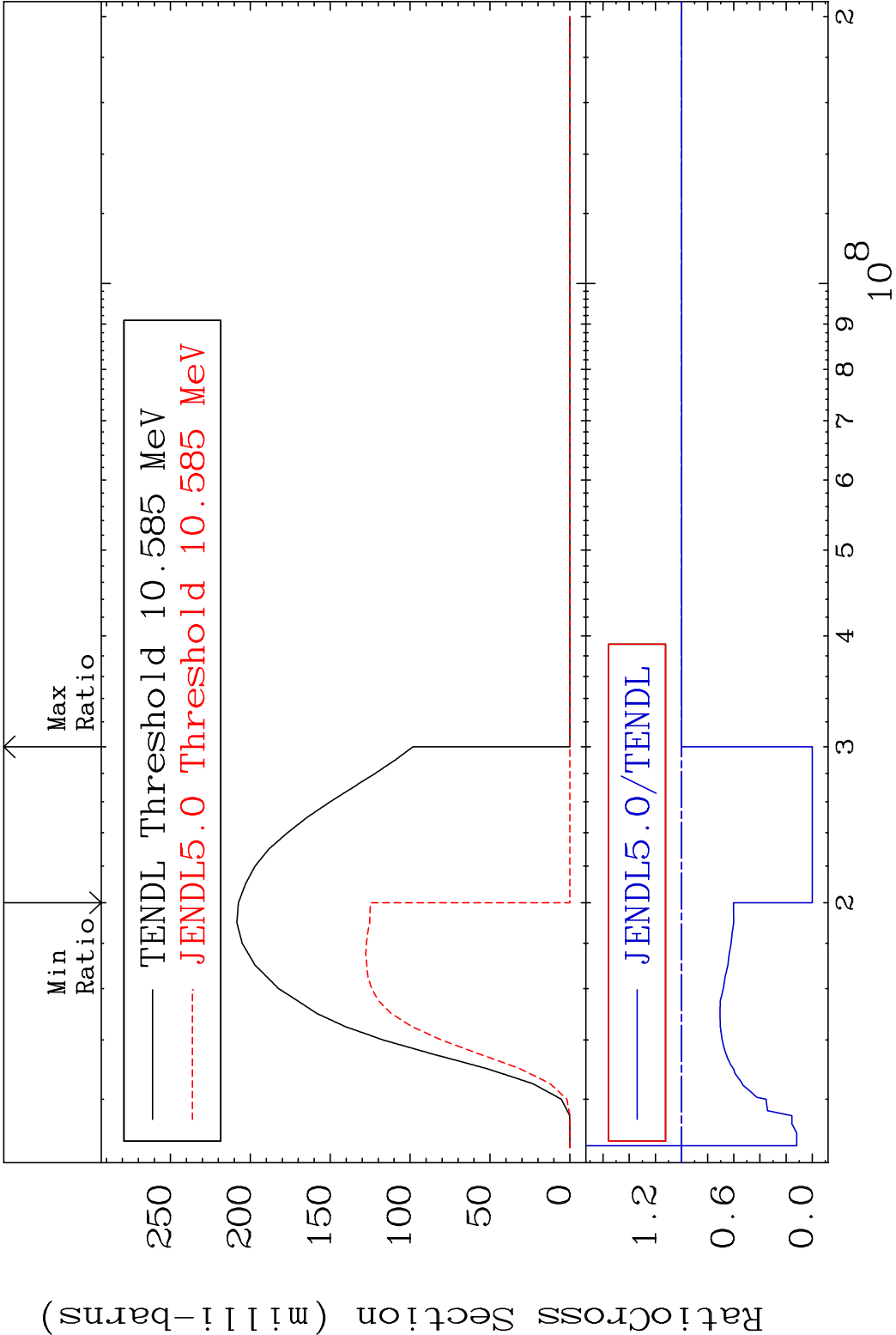
MAT 2225 Dpa disappearance (mt102 -120) 22-Ti-46

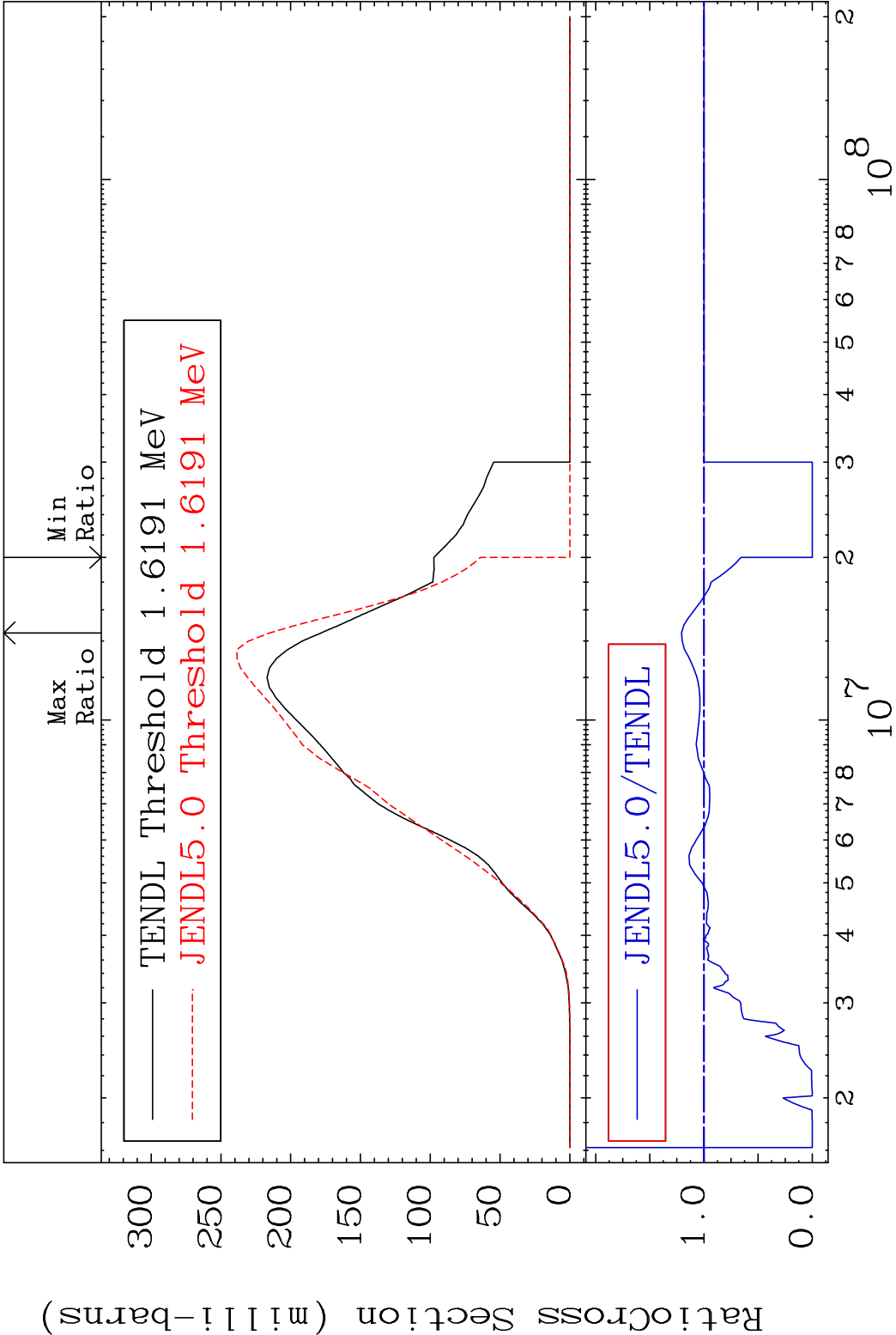
Cross Section -100.0 To 9999. %

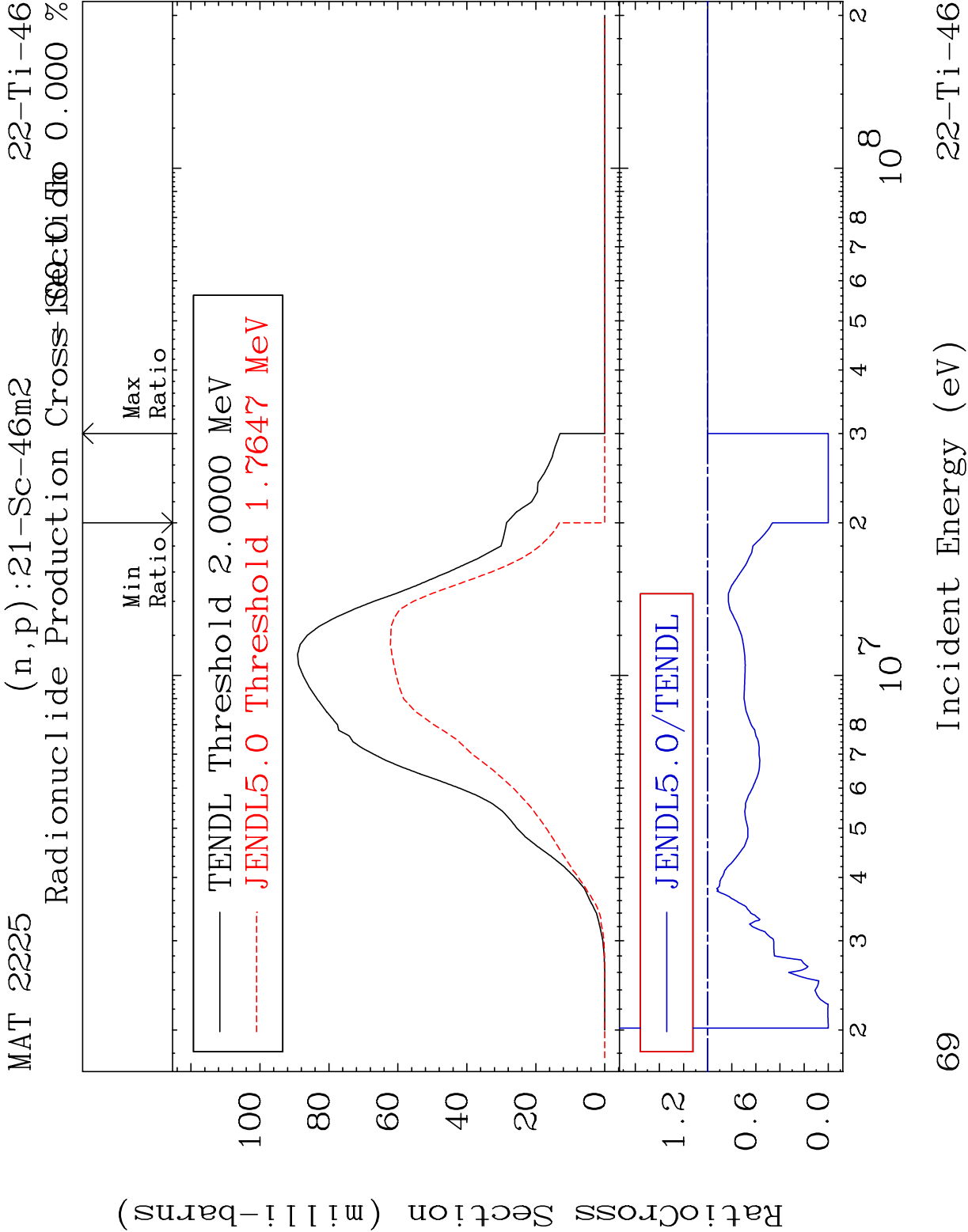


65 Incident Energy (eV) 22-Ti-46









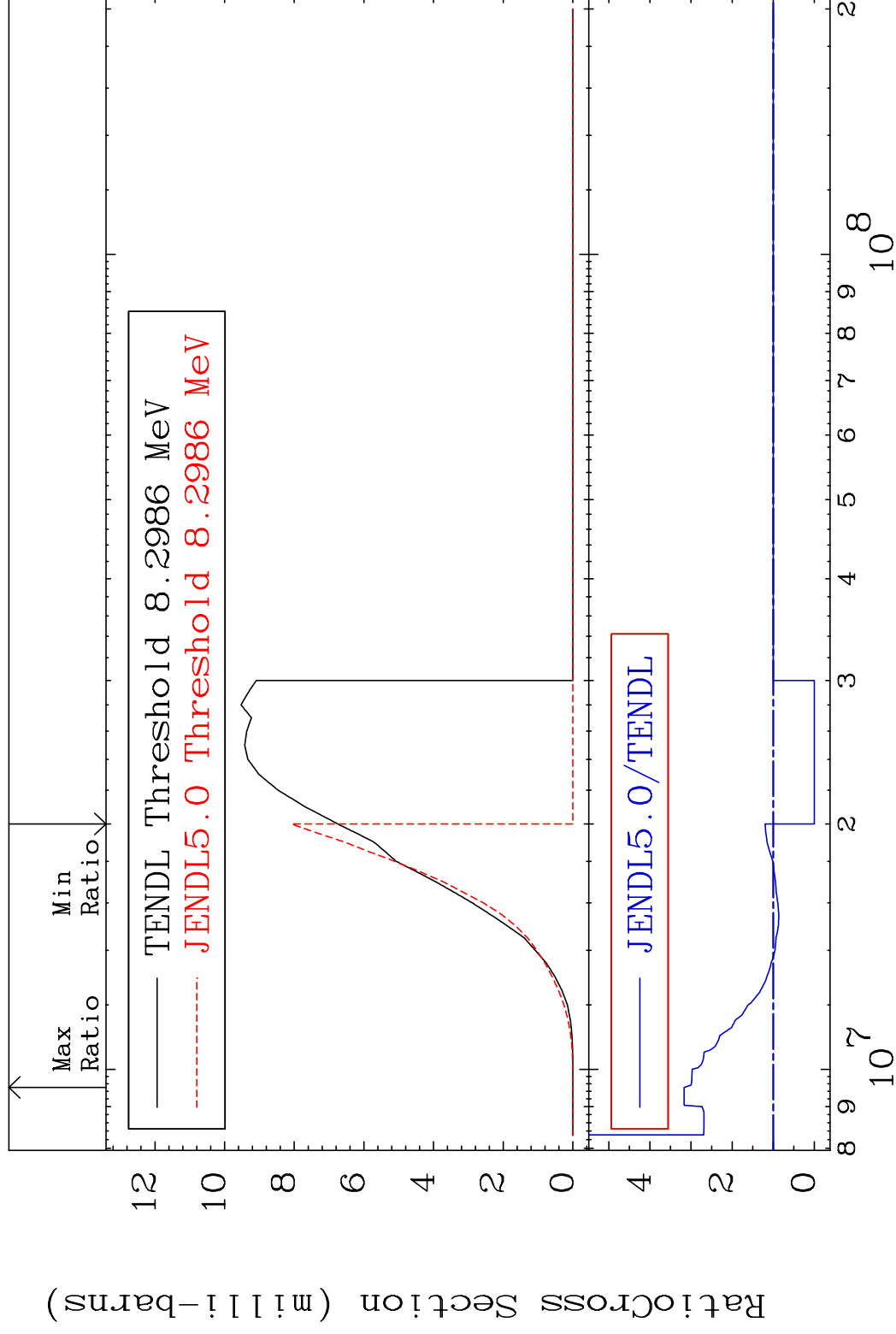
MAT 2225

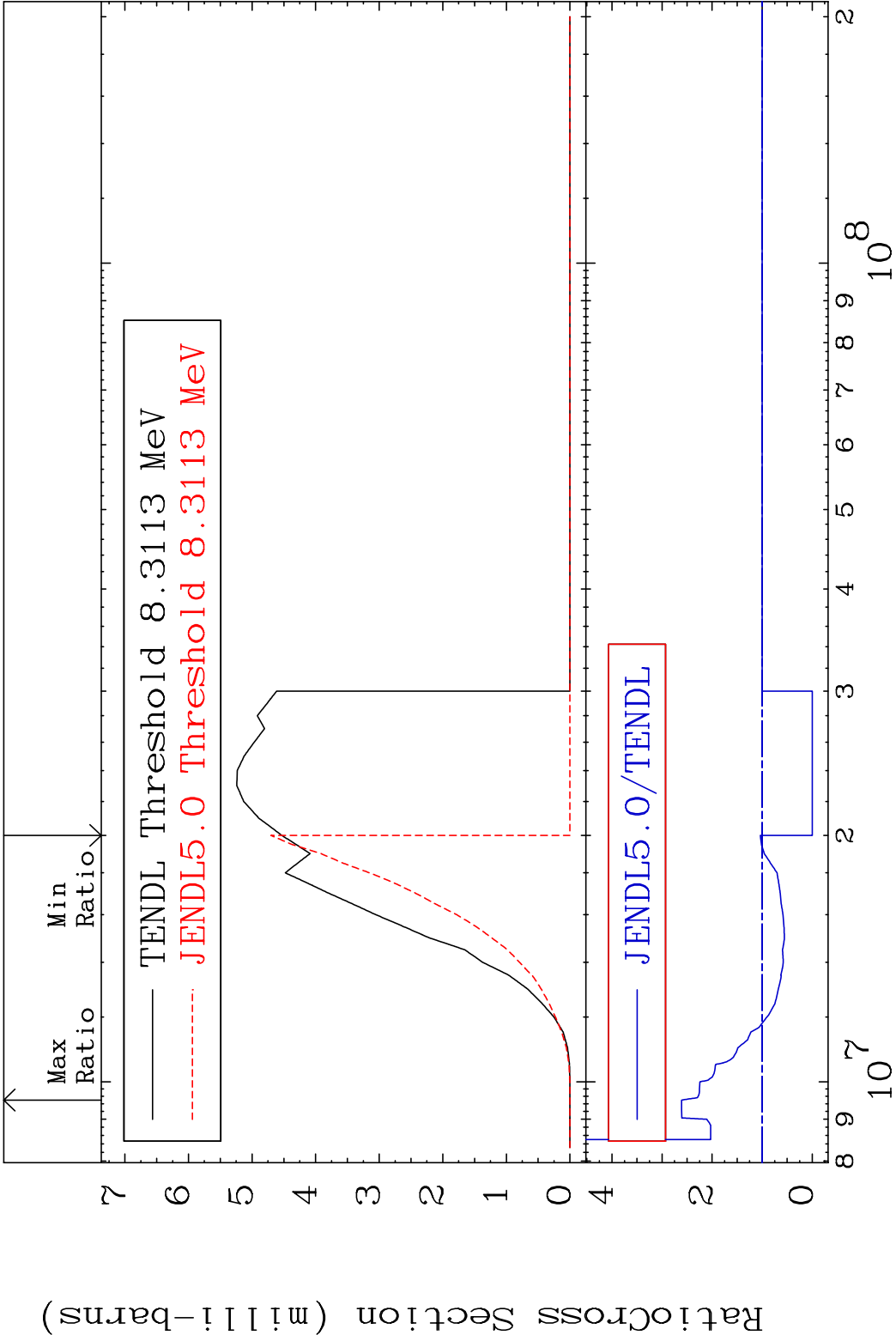
(n, d): 21-Sc-45g

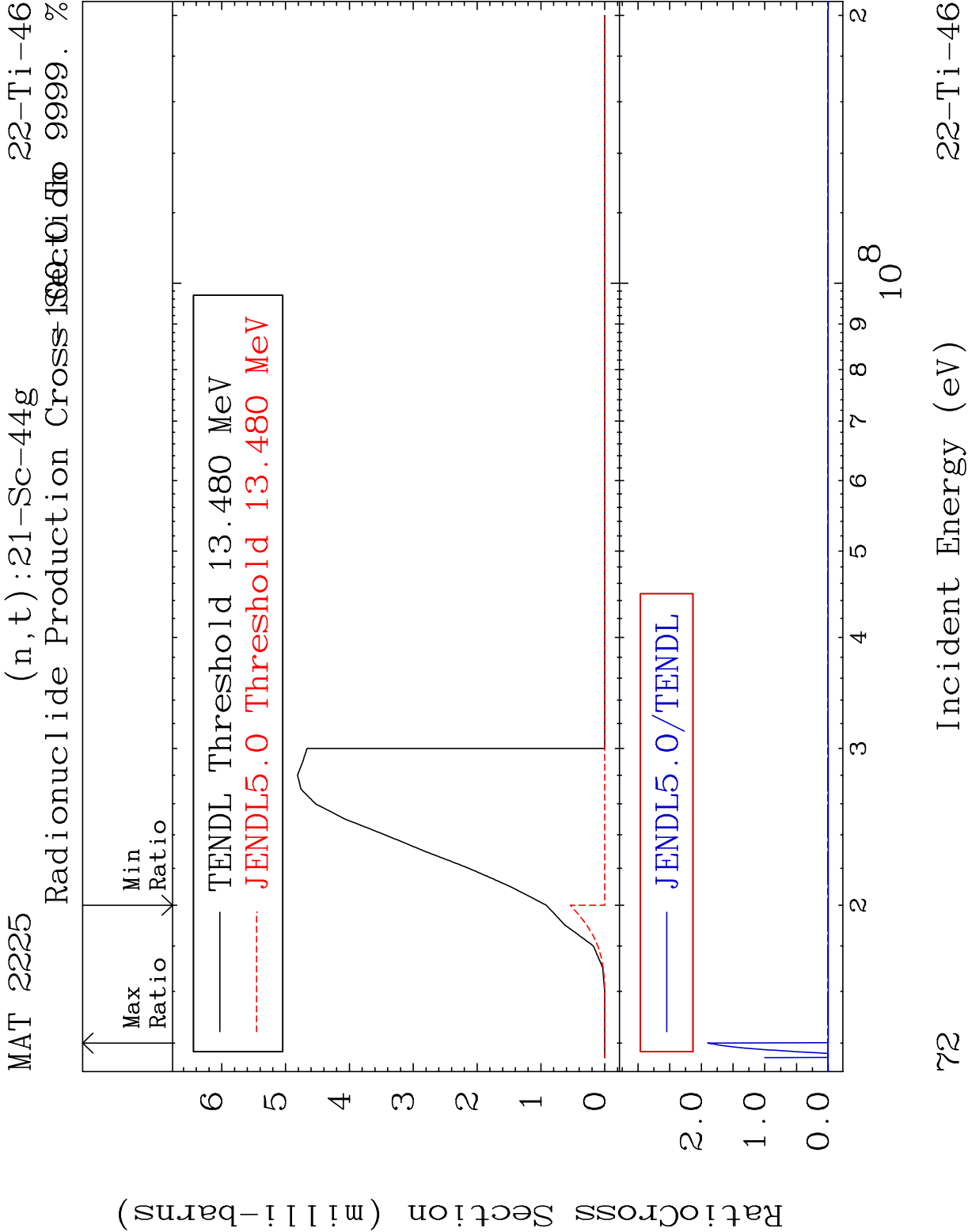
22-Ti-46

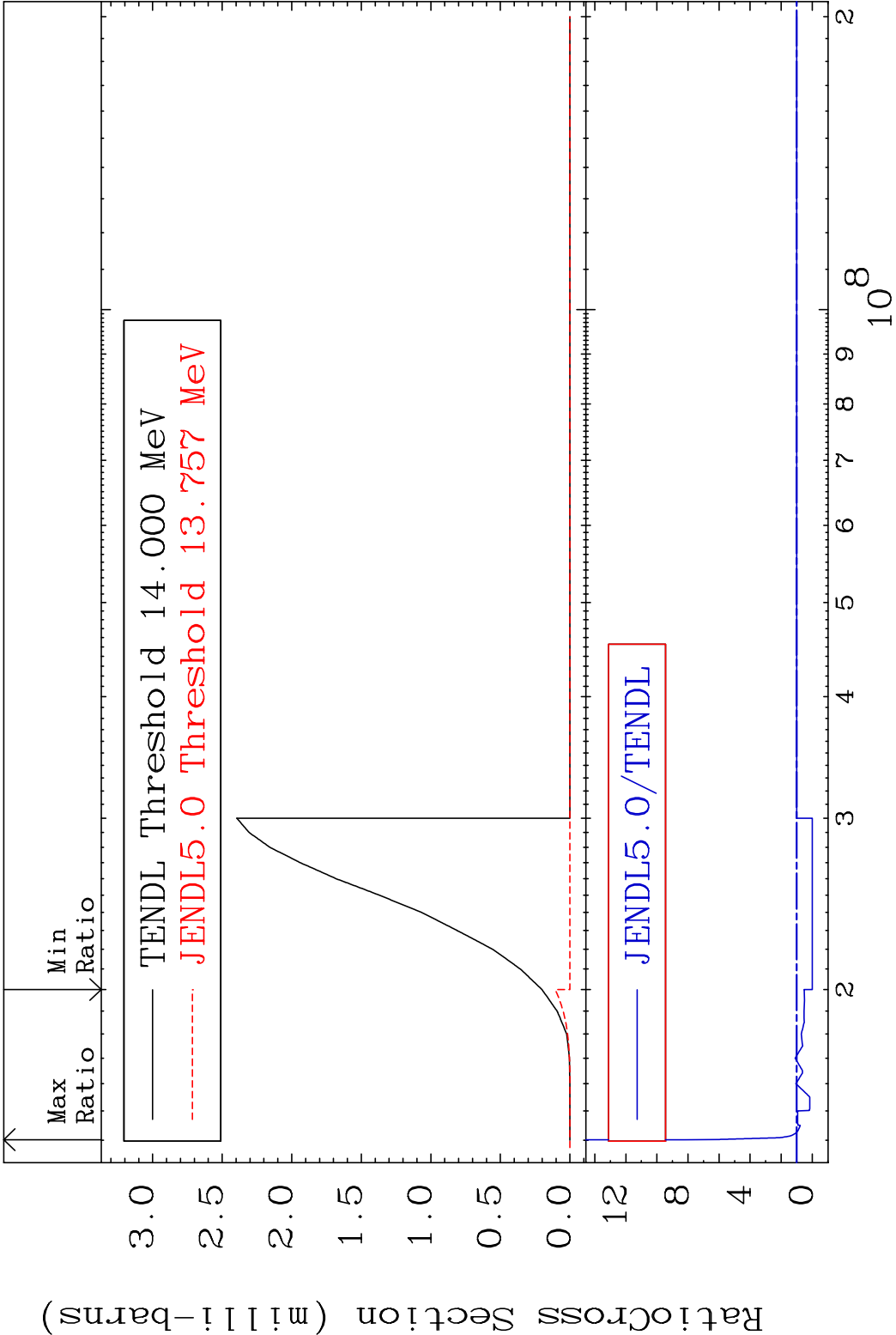
Radionuclide Production Cross-Section 217.0 %

Sect Di 5th

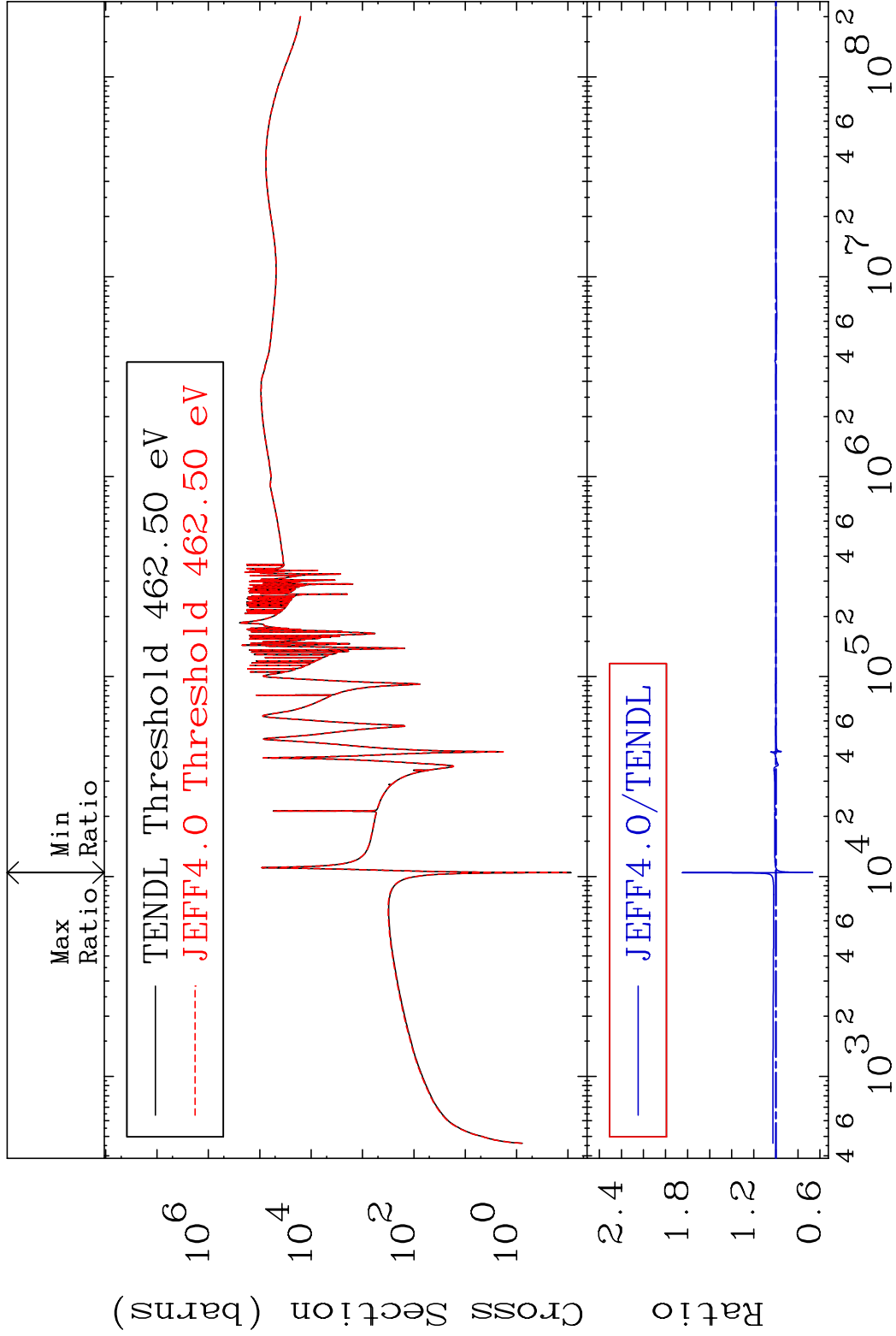


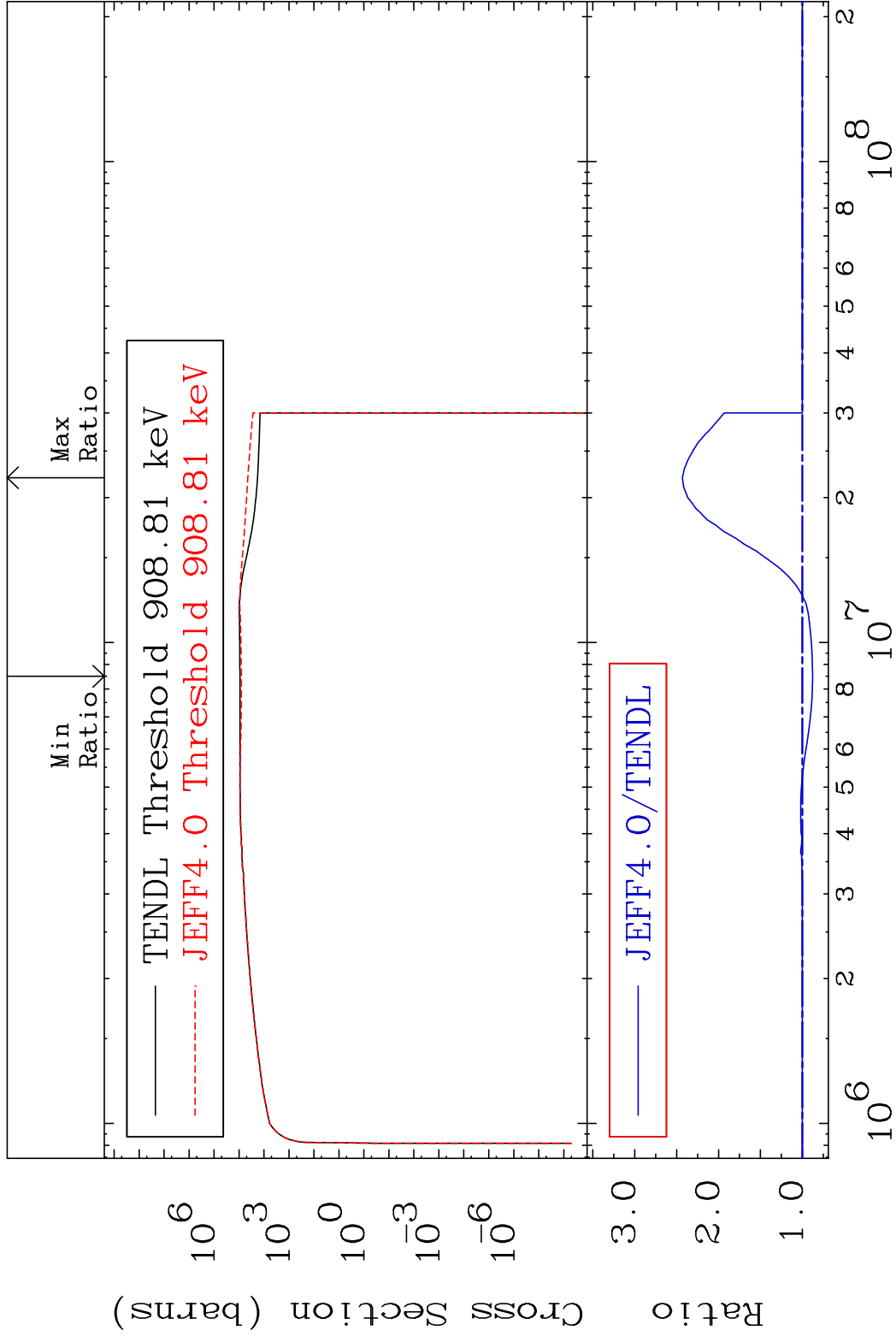




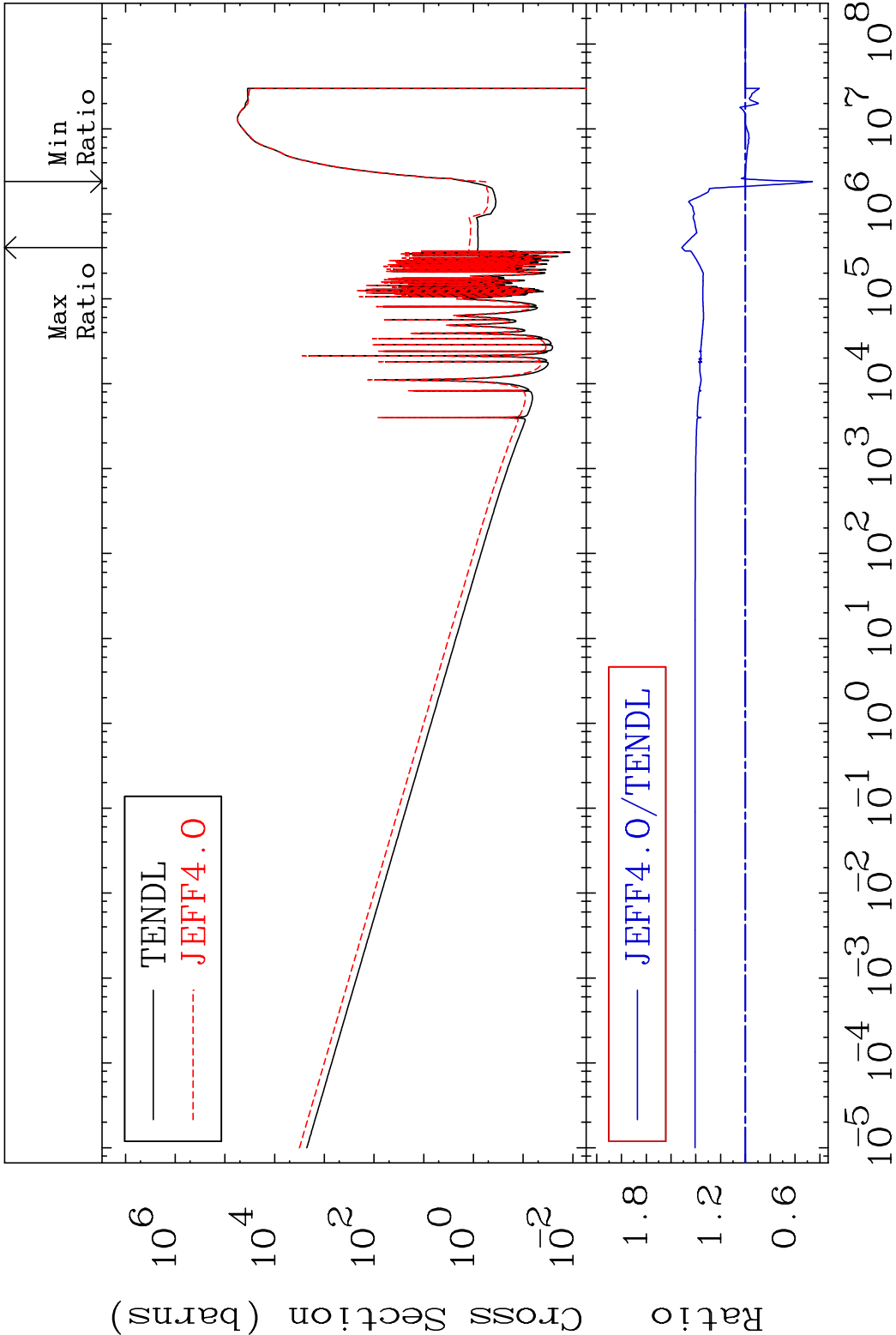


MAT 2225 Dpa elastic (mt2) 22-Ti-46
Cross Section -33.25 To 84.78 %

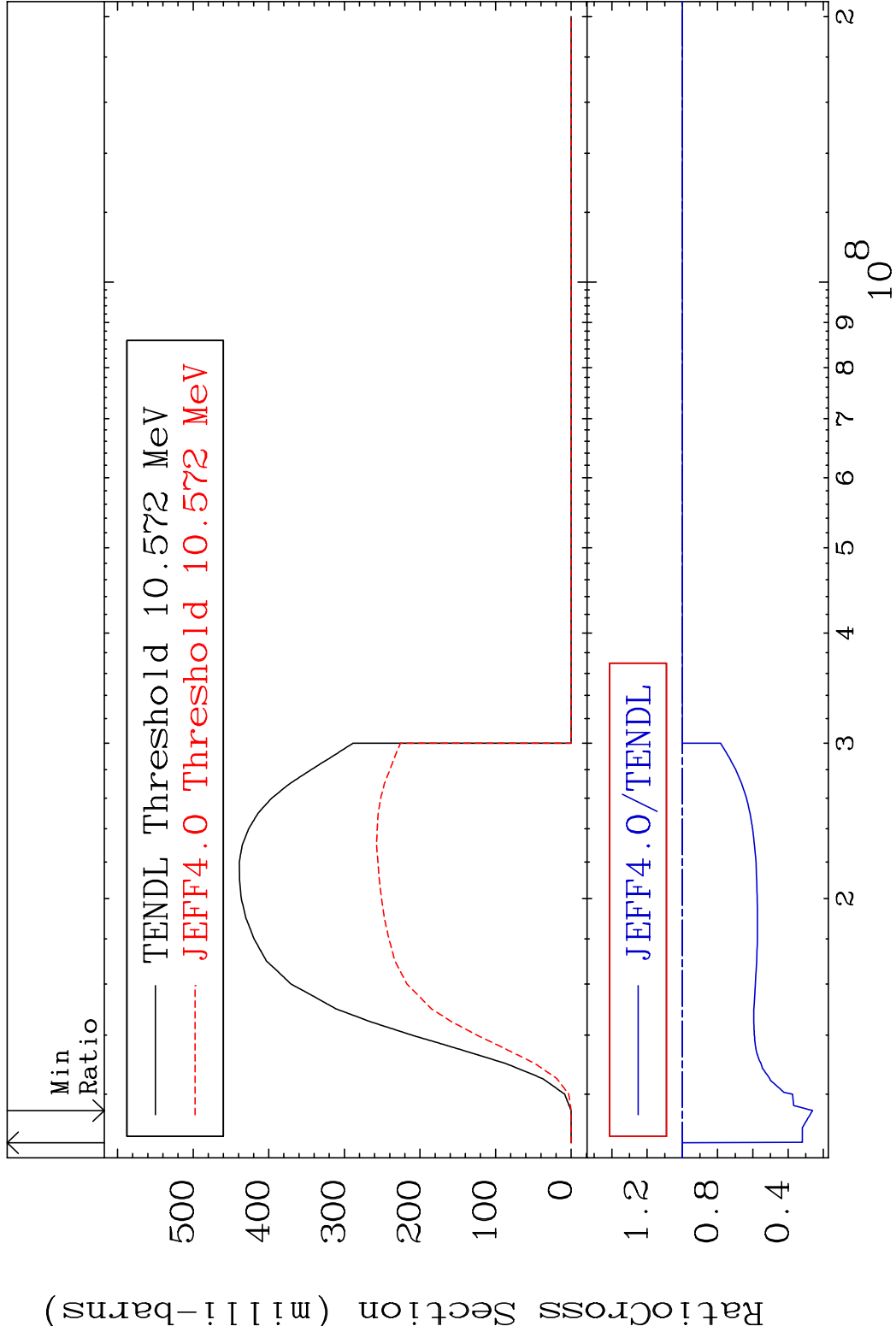


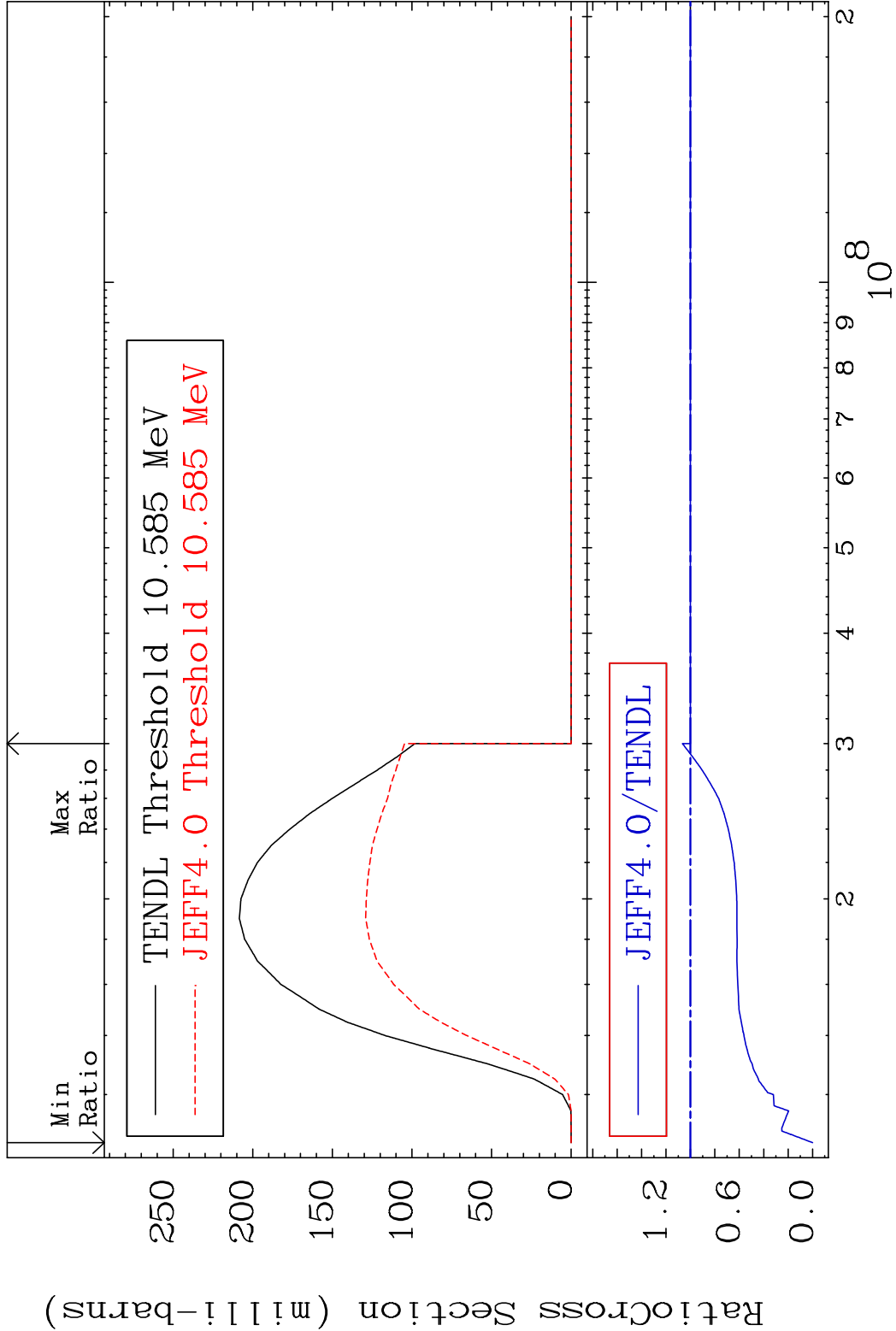


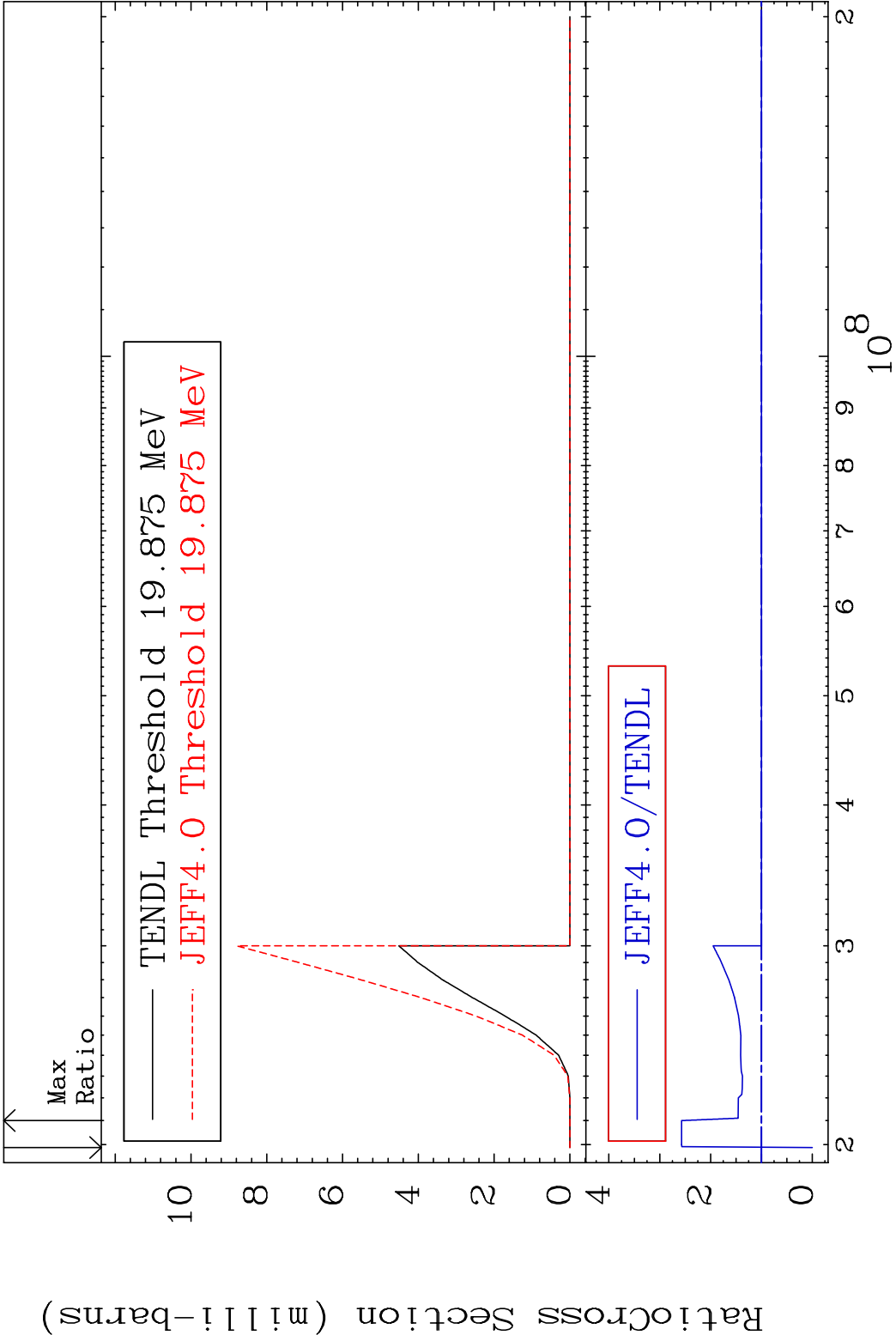
MAT 2225 Dpa disappearance (mt102 -120) 22-Ti-46
Cross Section -53.93 To 51.37 %



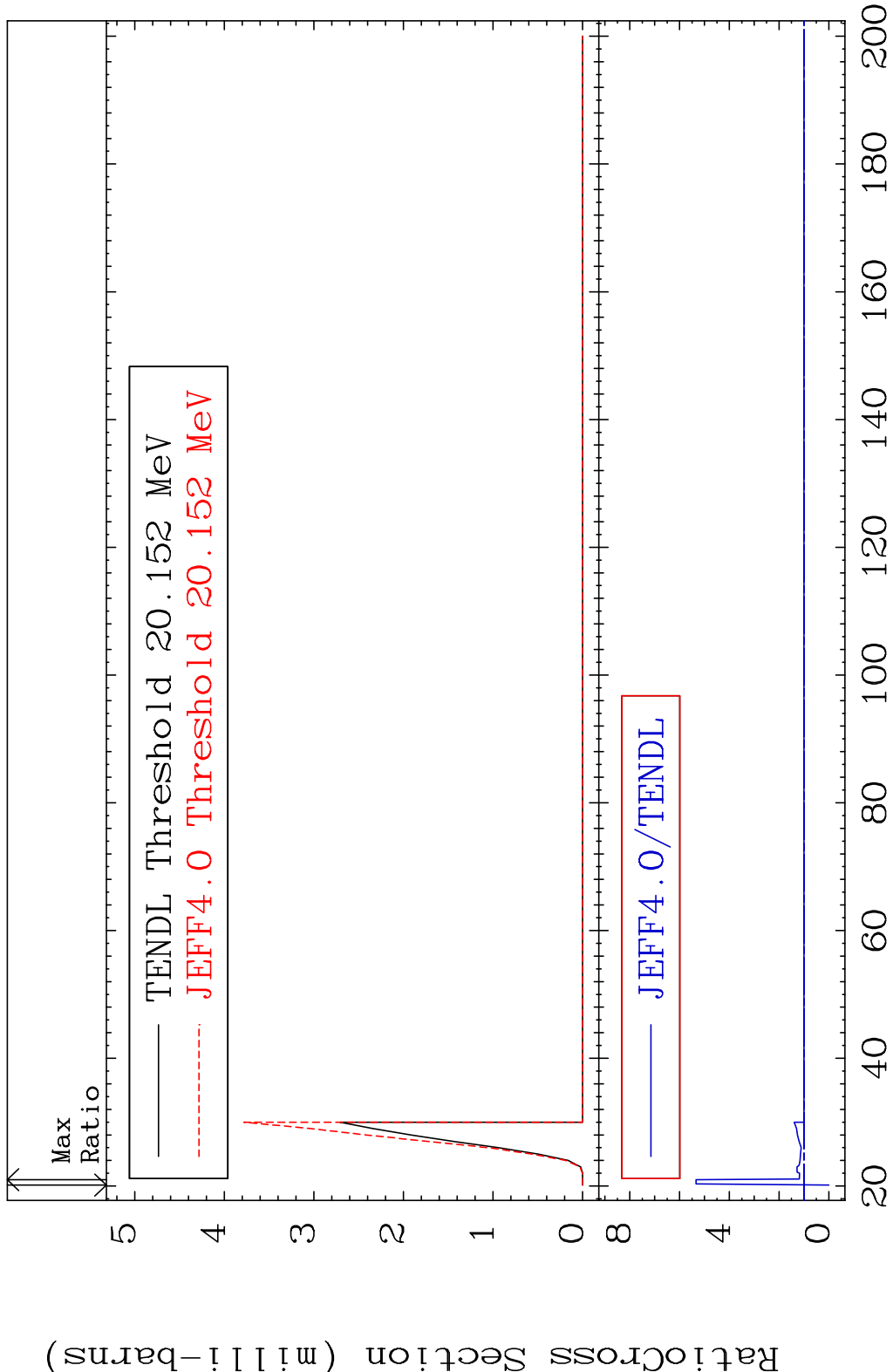
76 Incident Energy (eV) 22-Ti-46







MAT 2225 (n,n') d:21-Sc-44m4 22-Ti-46
Radionuclide Production Cross Section 180.0 mb 433.9 %



80 Incident Energy (MeV) 22-Ti-46

