

Program Complot
(Version 2021-1)

by

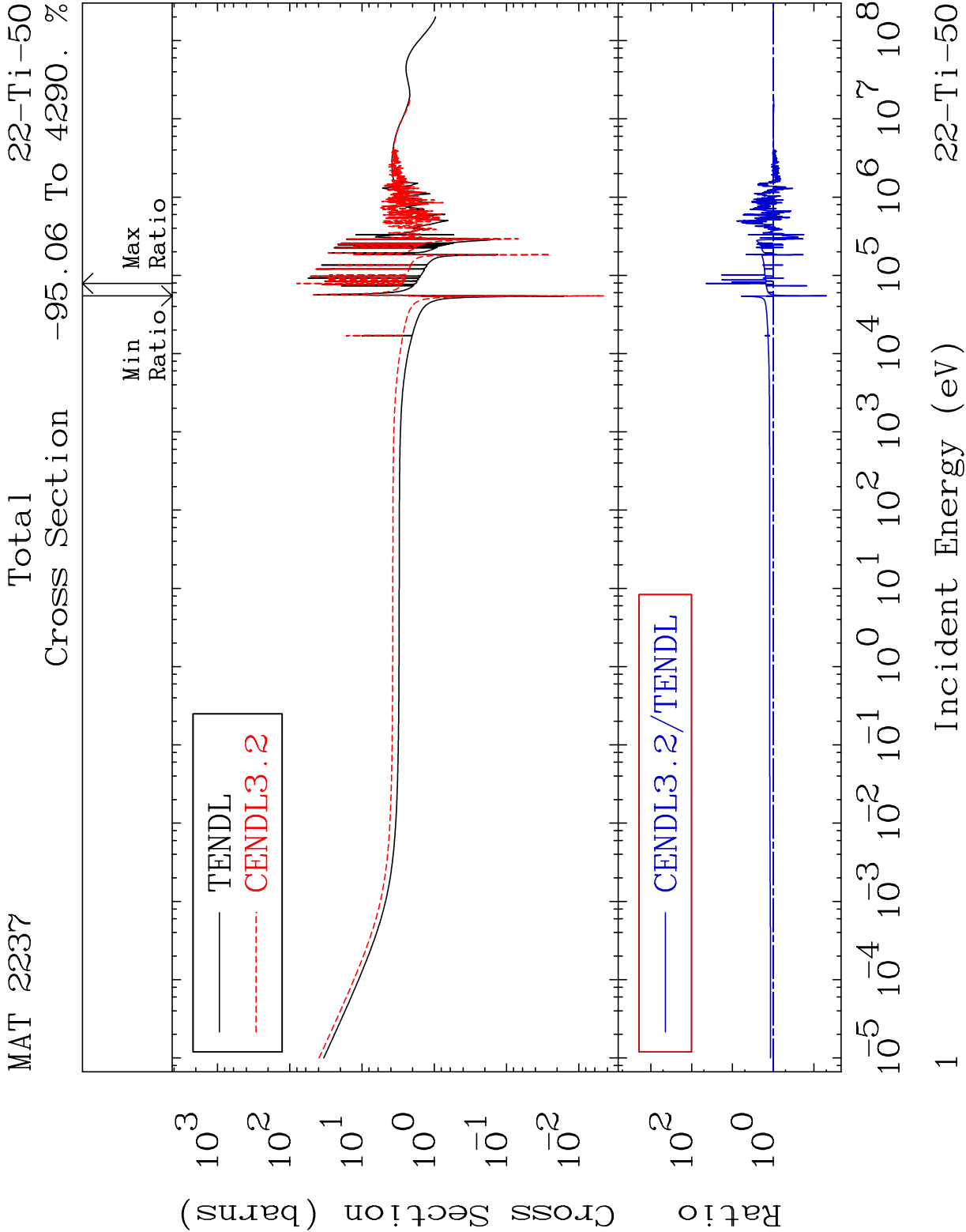
Dermott E. Cullen
(Present Contact Information)

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

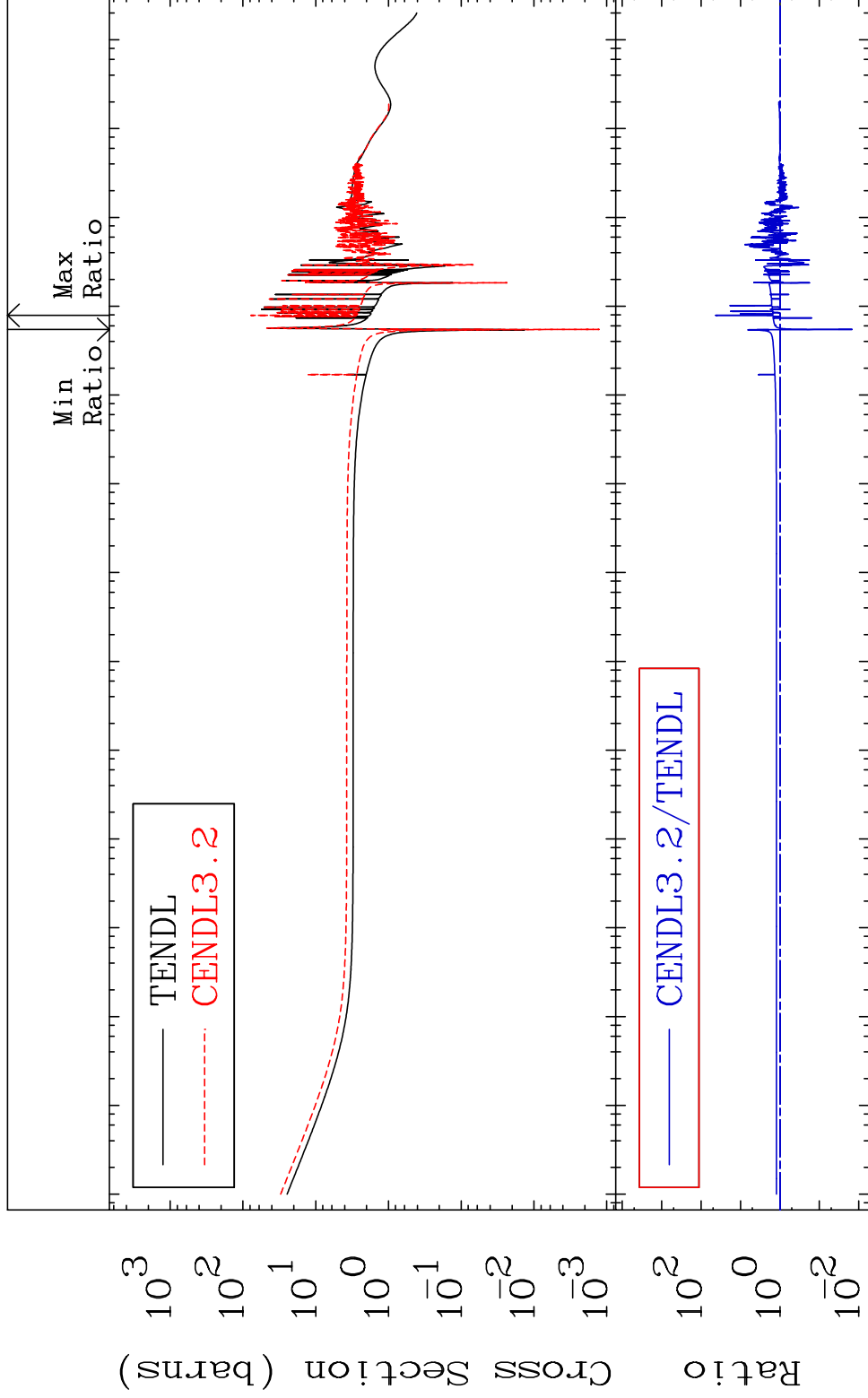


MAT 2237

Elastic

22-Ti-50

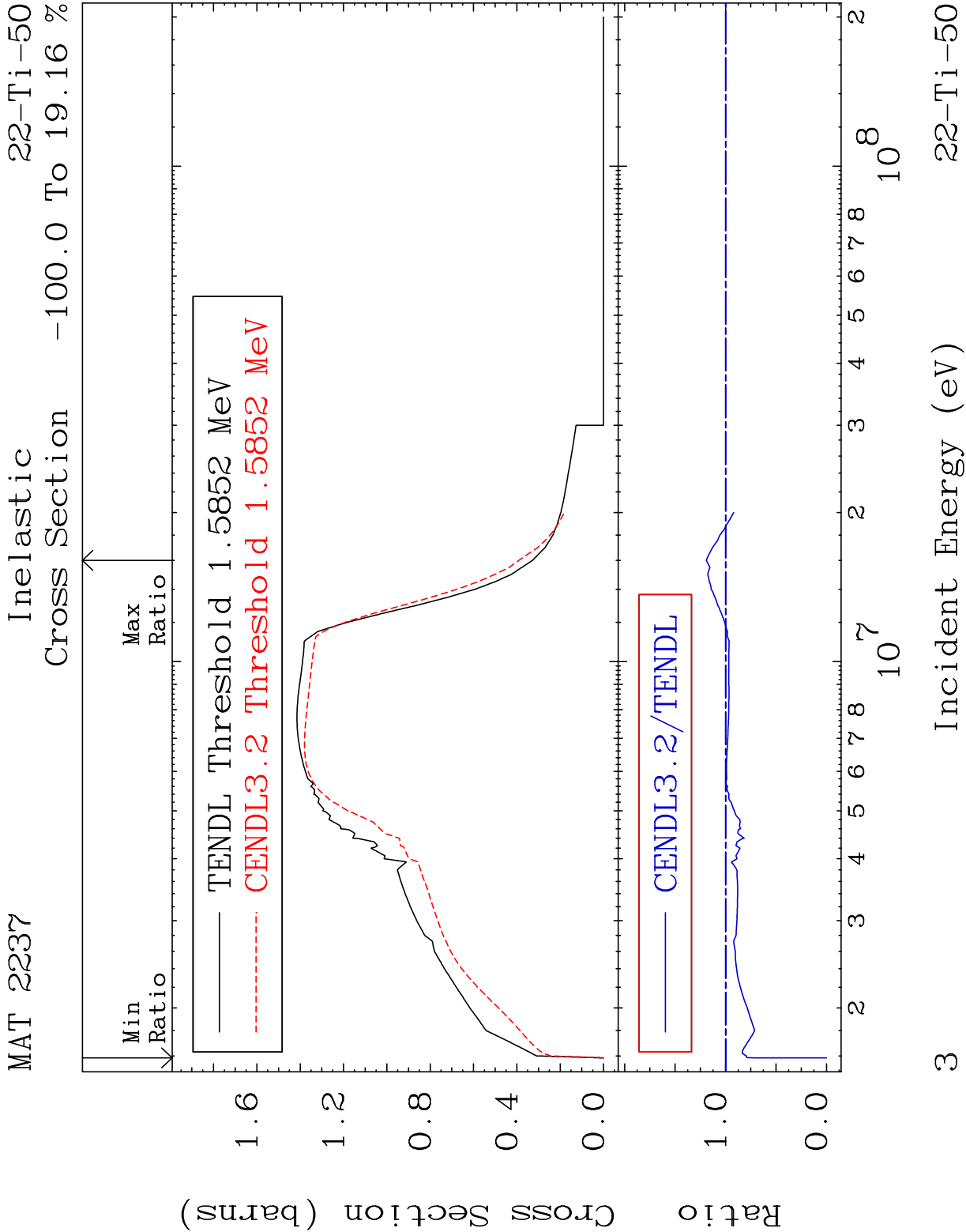
Cross Section -98.53 To 4170. %

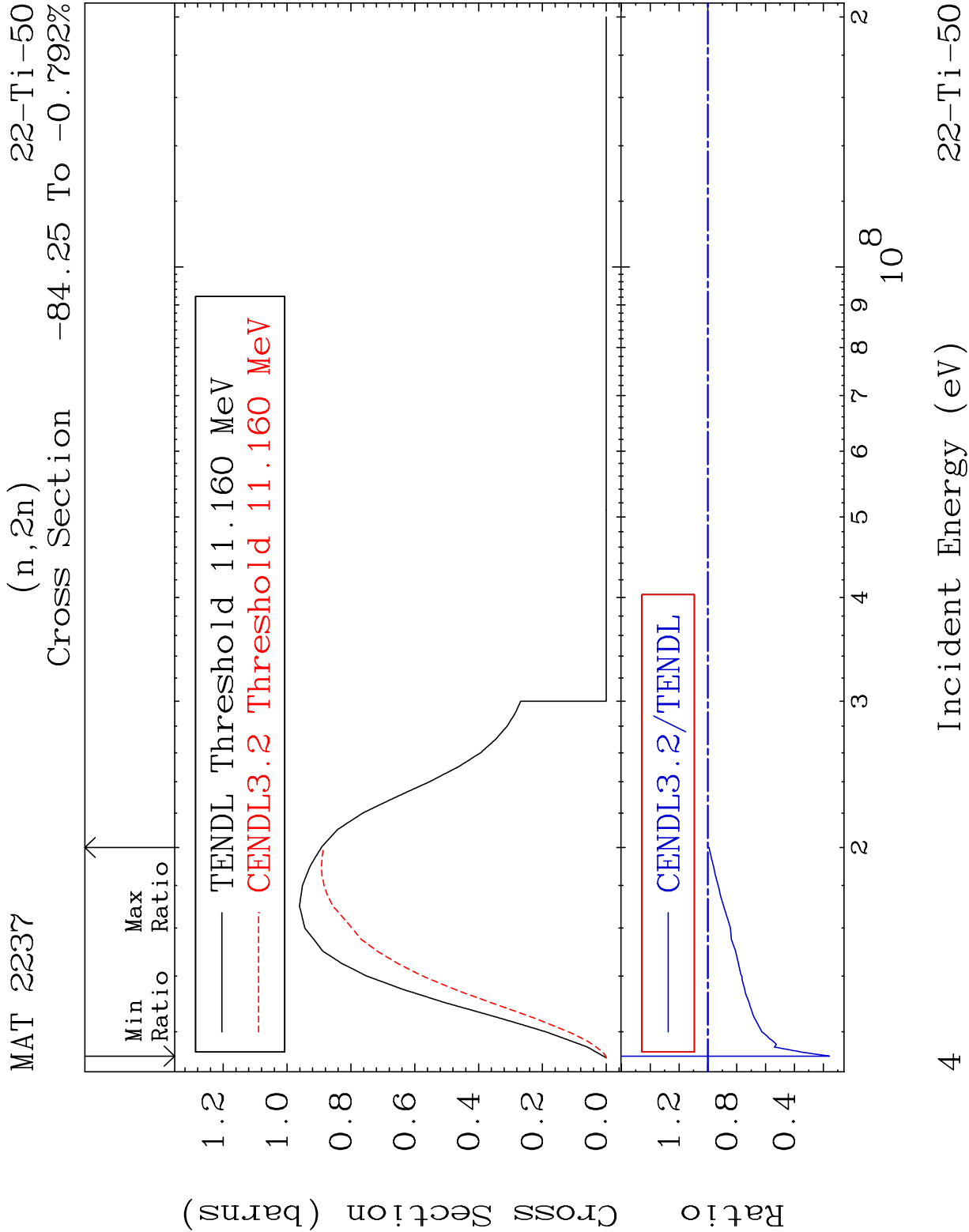


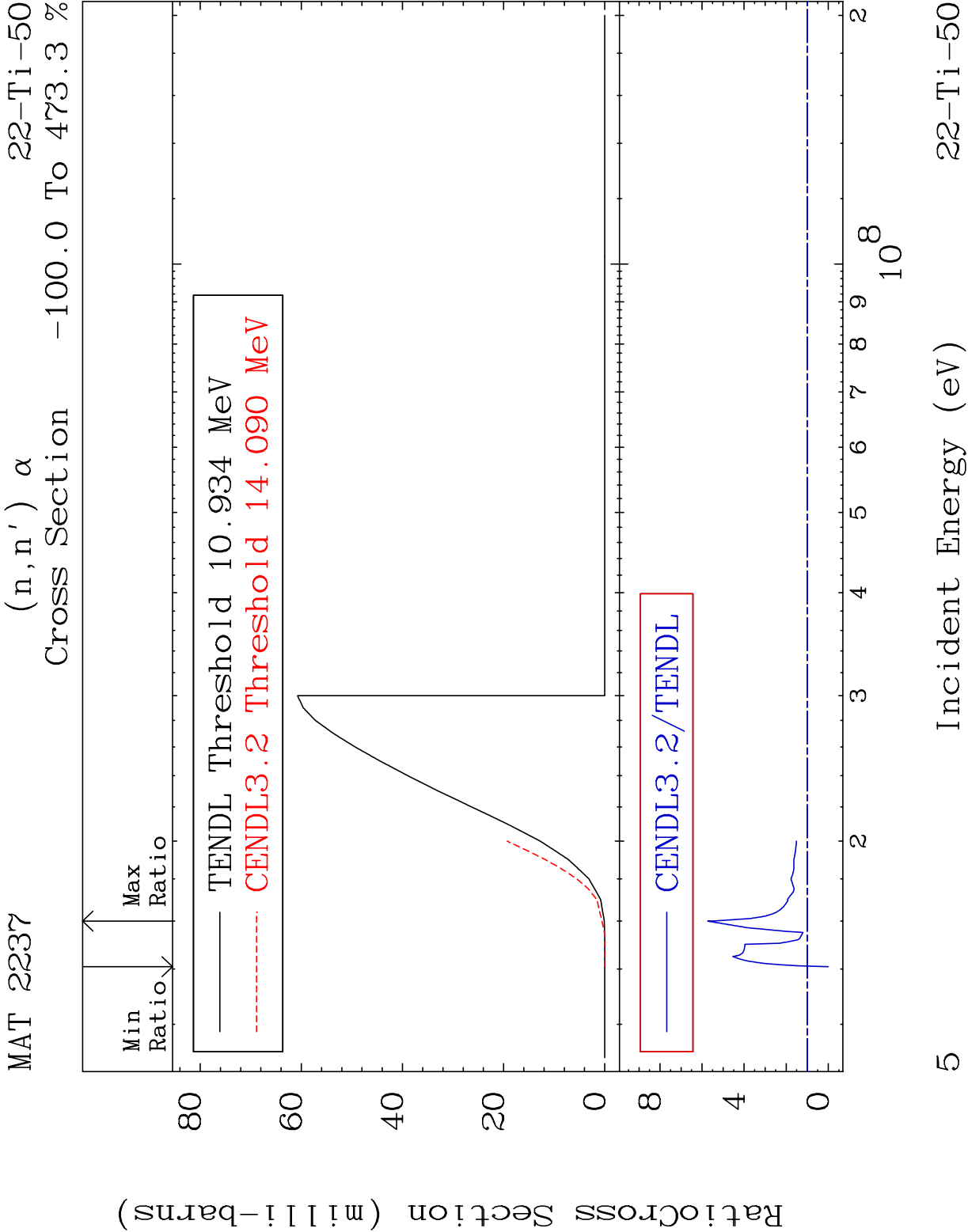
2

Incident Energy (eV)

22-Ti-50



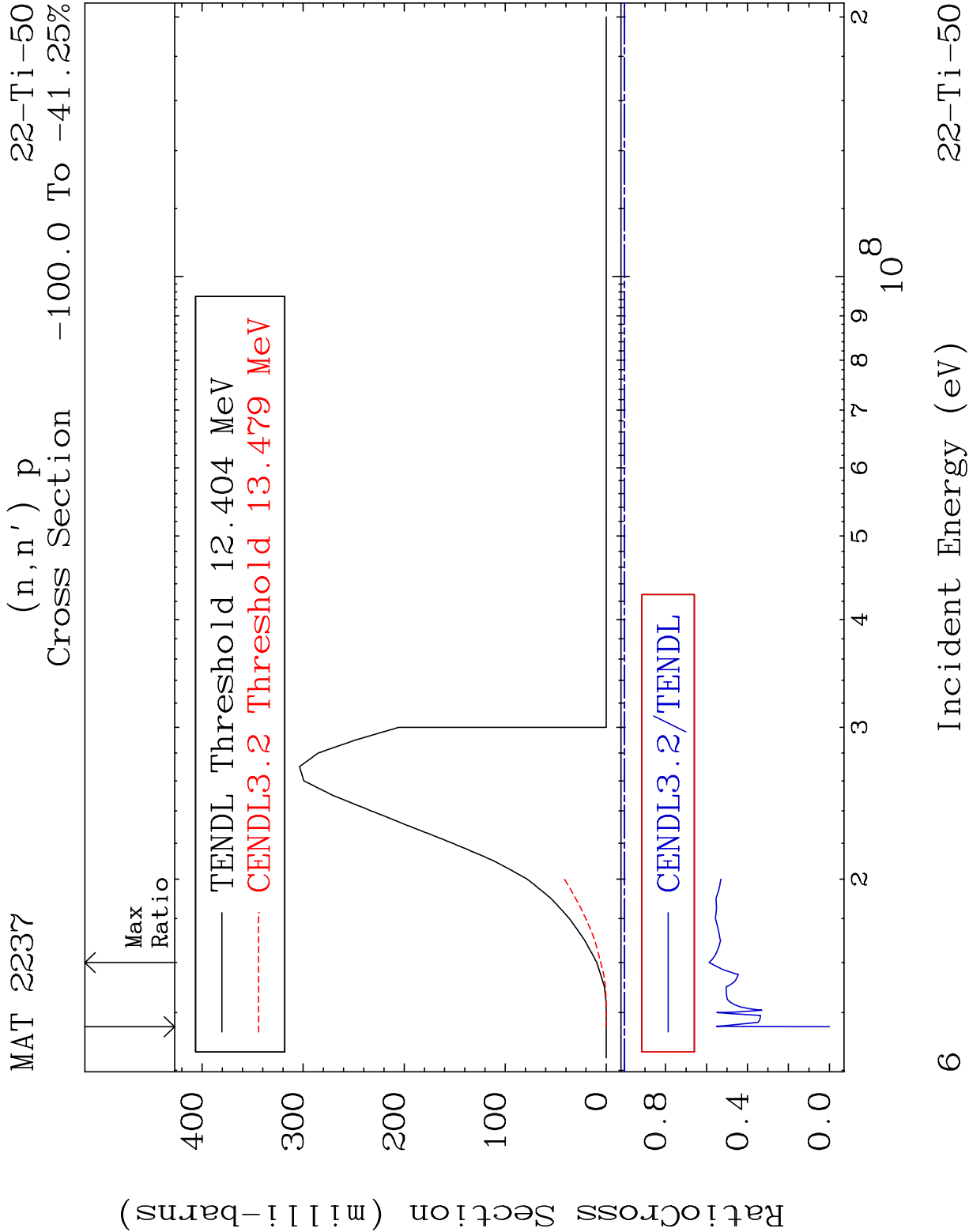


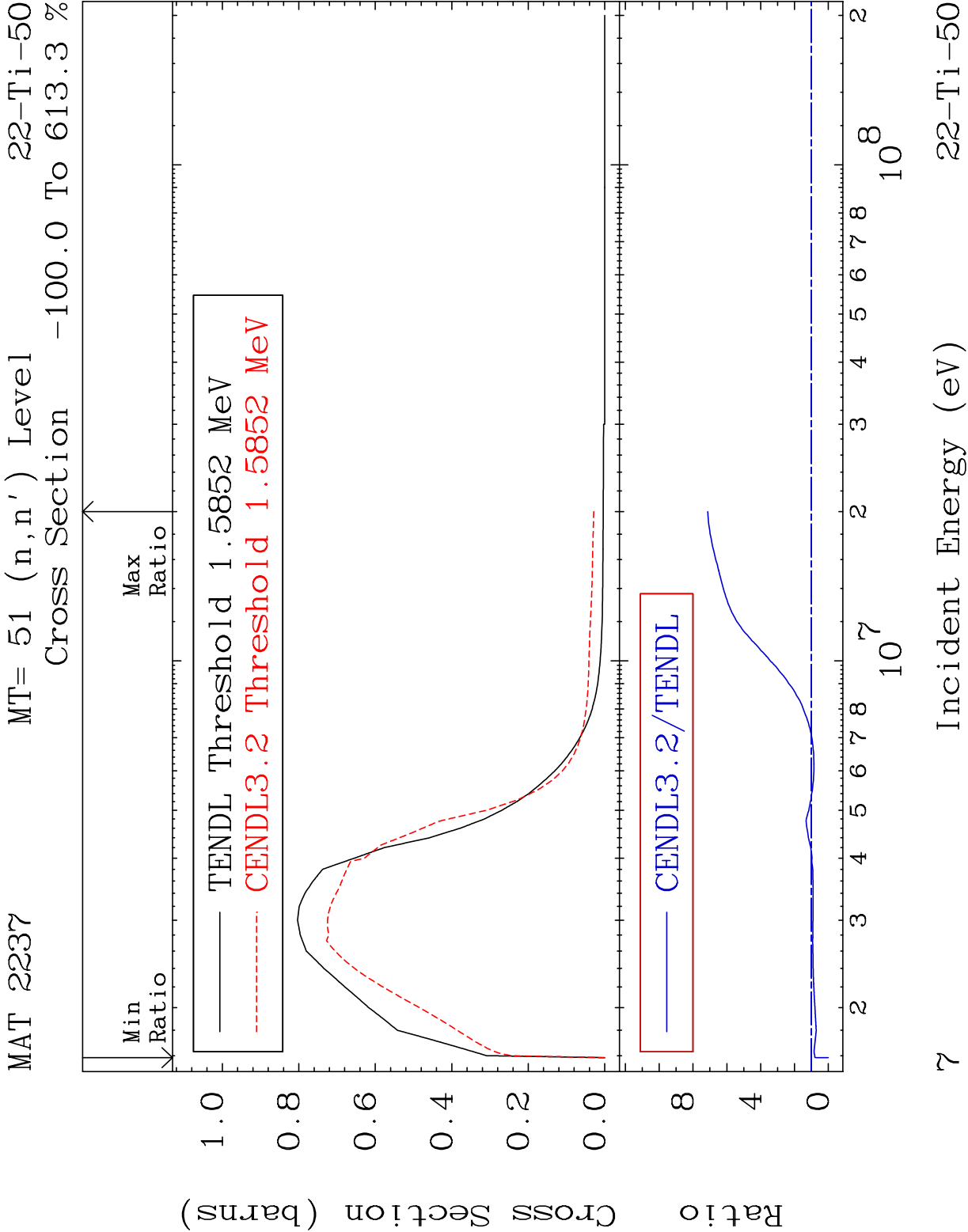


5

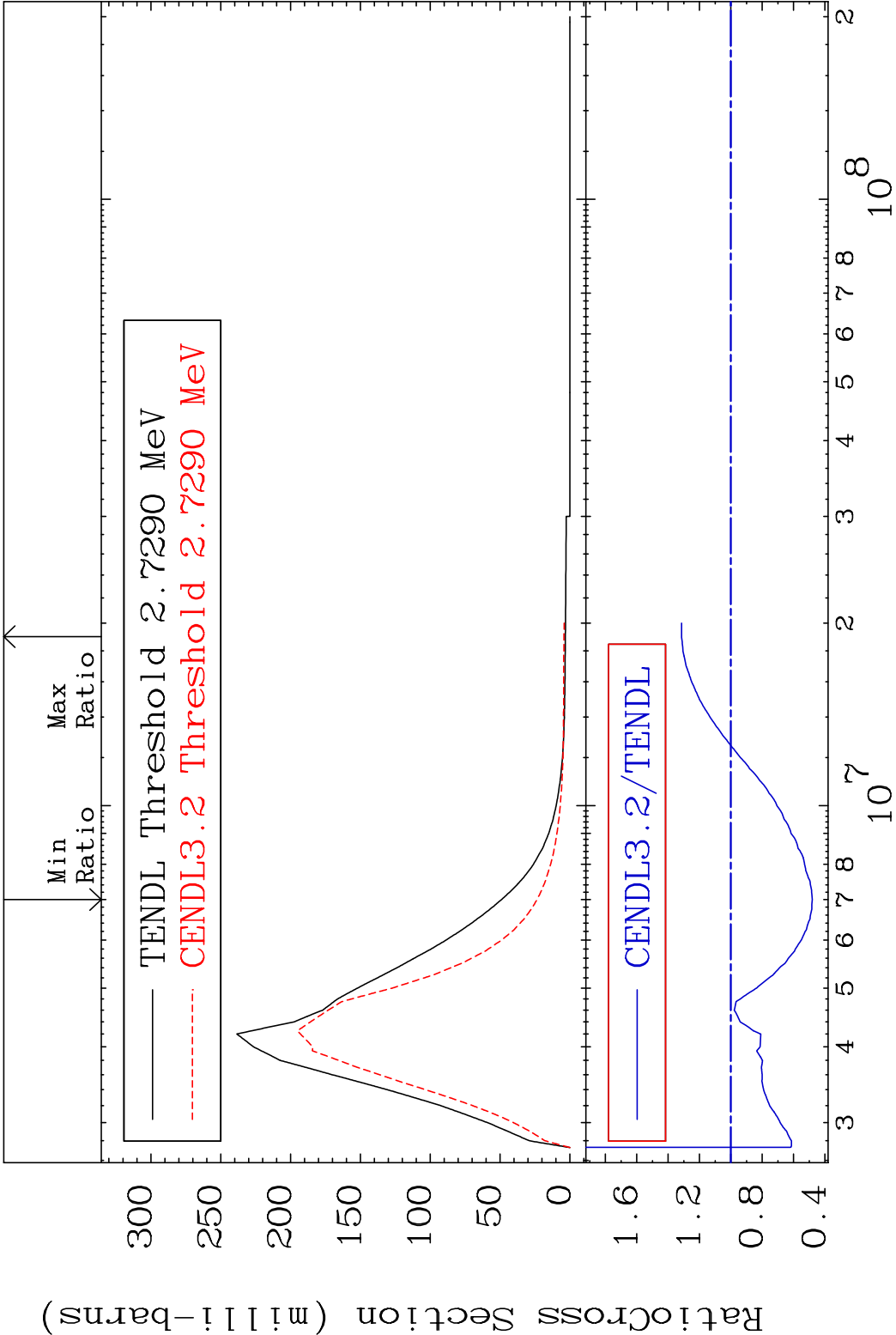
Incident Energy (eV)

22-Ti-50





MAT 2237 MT= 52 (n,n') Level 22-Ti-50
Cross Section -51.93 To 31.43 %



8 Incident Energy (eV) 22-Ti-50

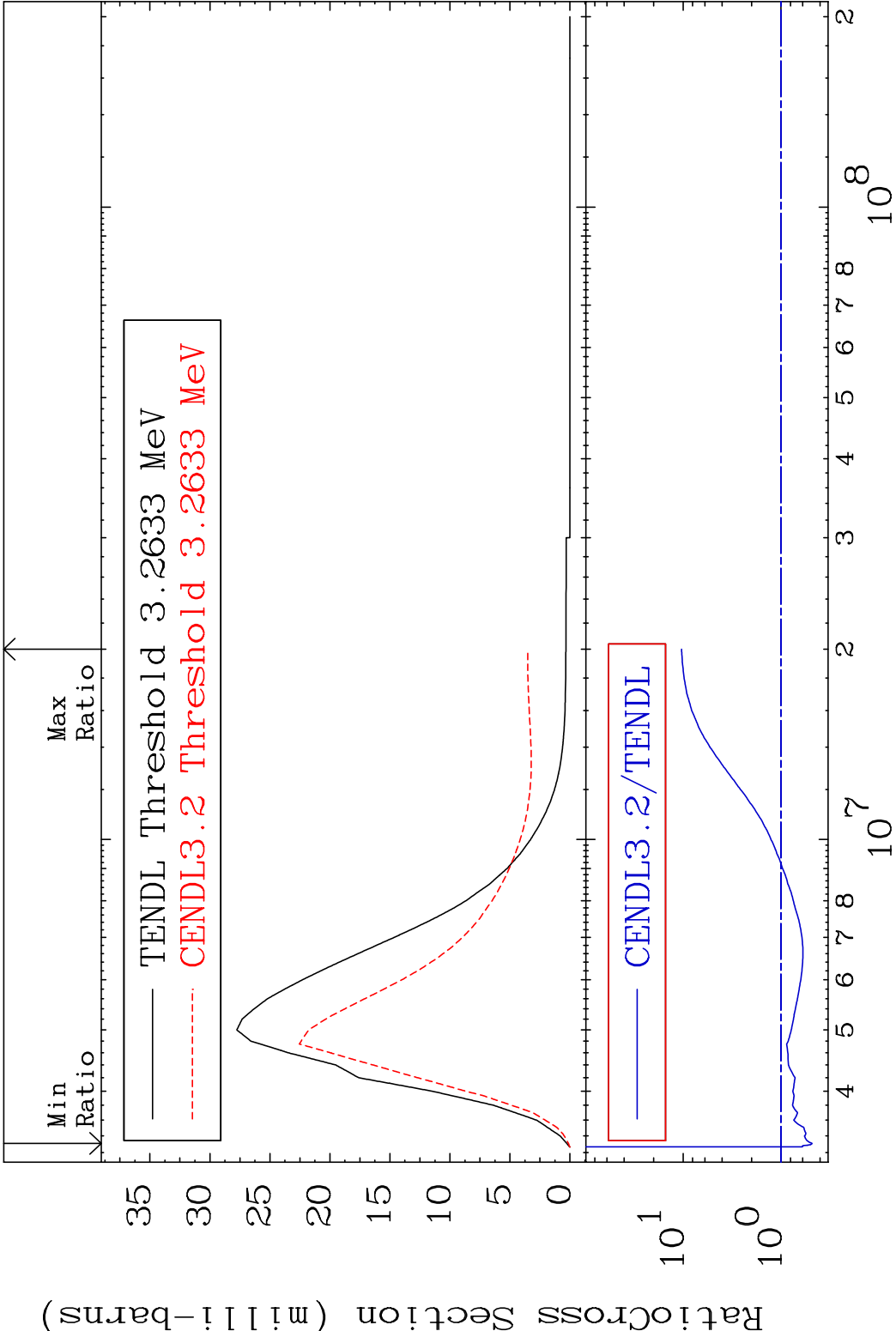
MAT 2237

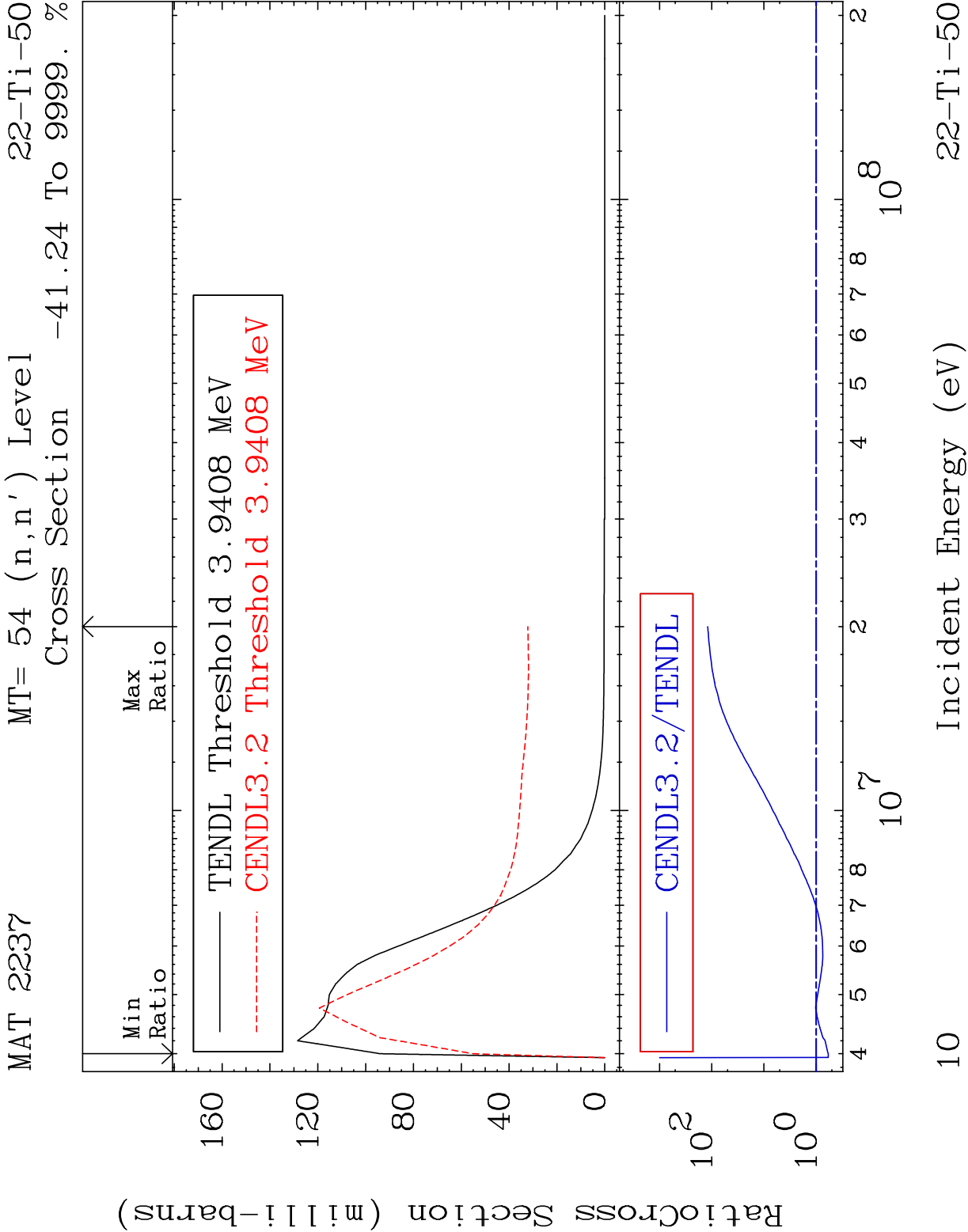
MT= 53 (n,n') Level

22-Ti-50

Cross Section

-52.04 To 937.6 %



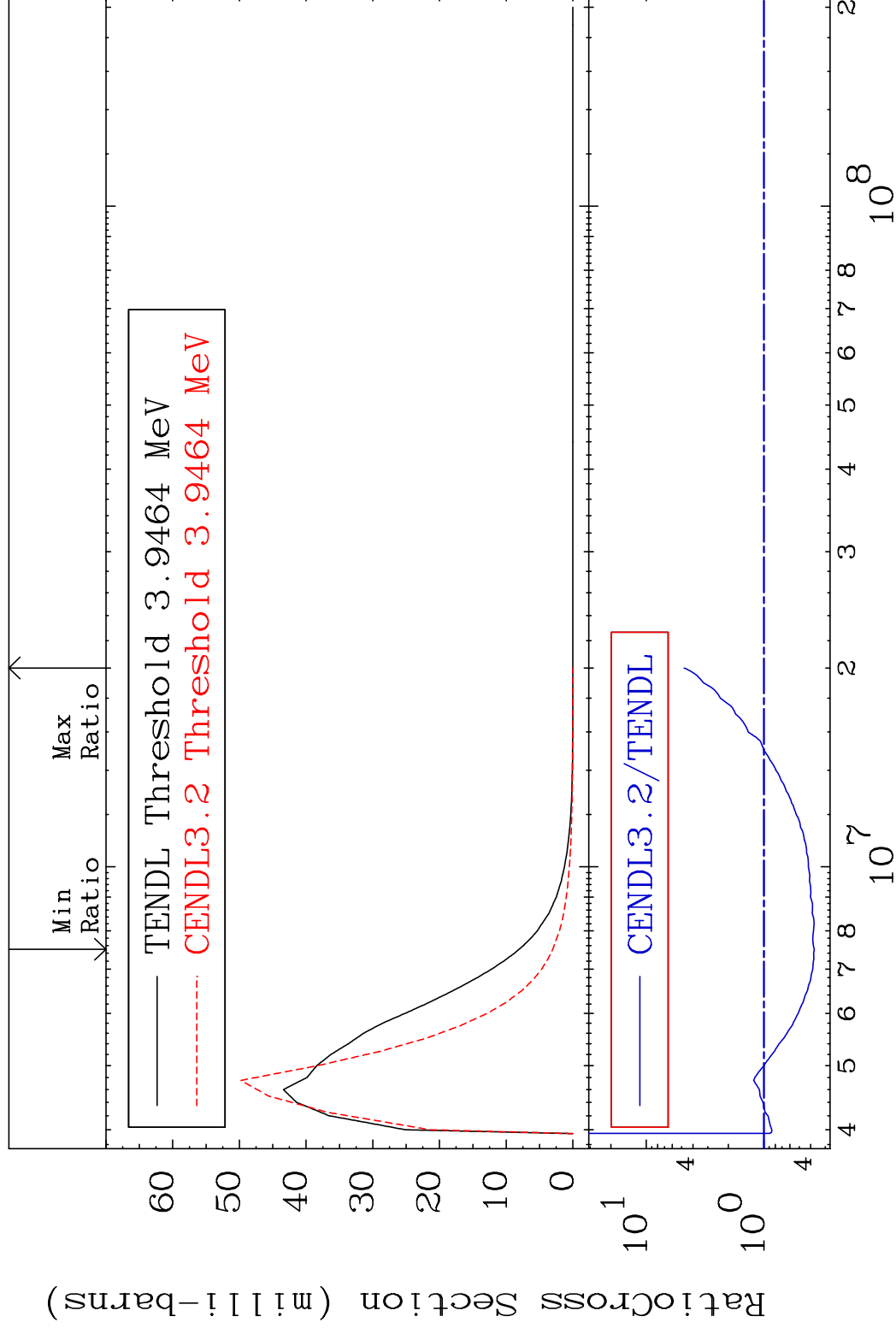


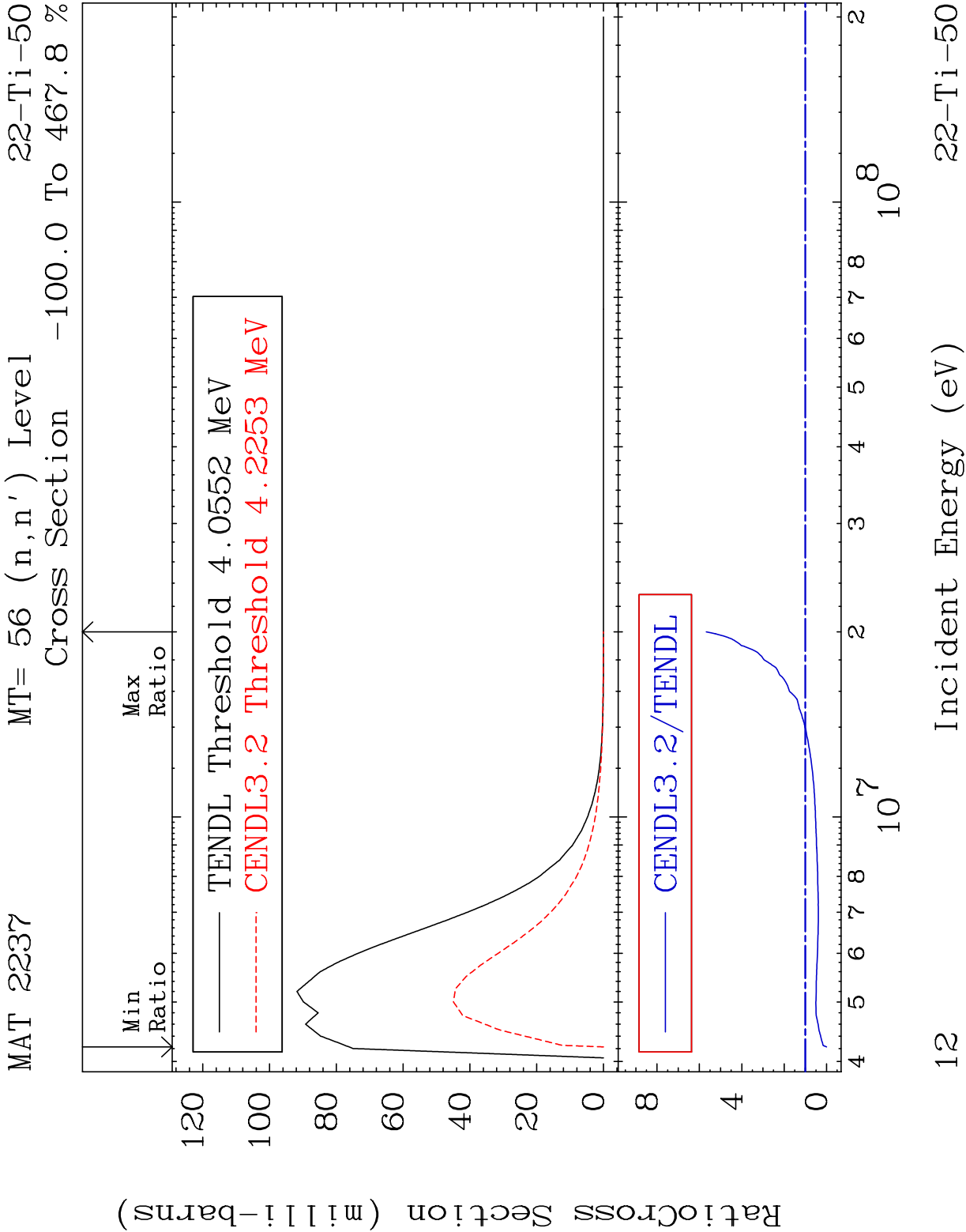
MAT 2237

MT= 55 (n, n') Level

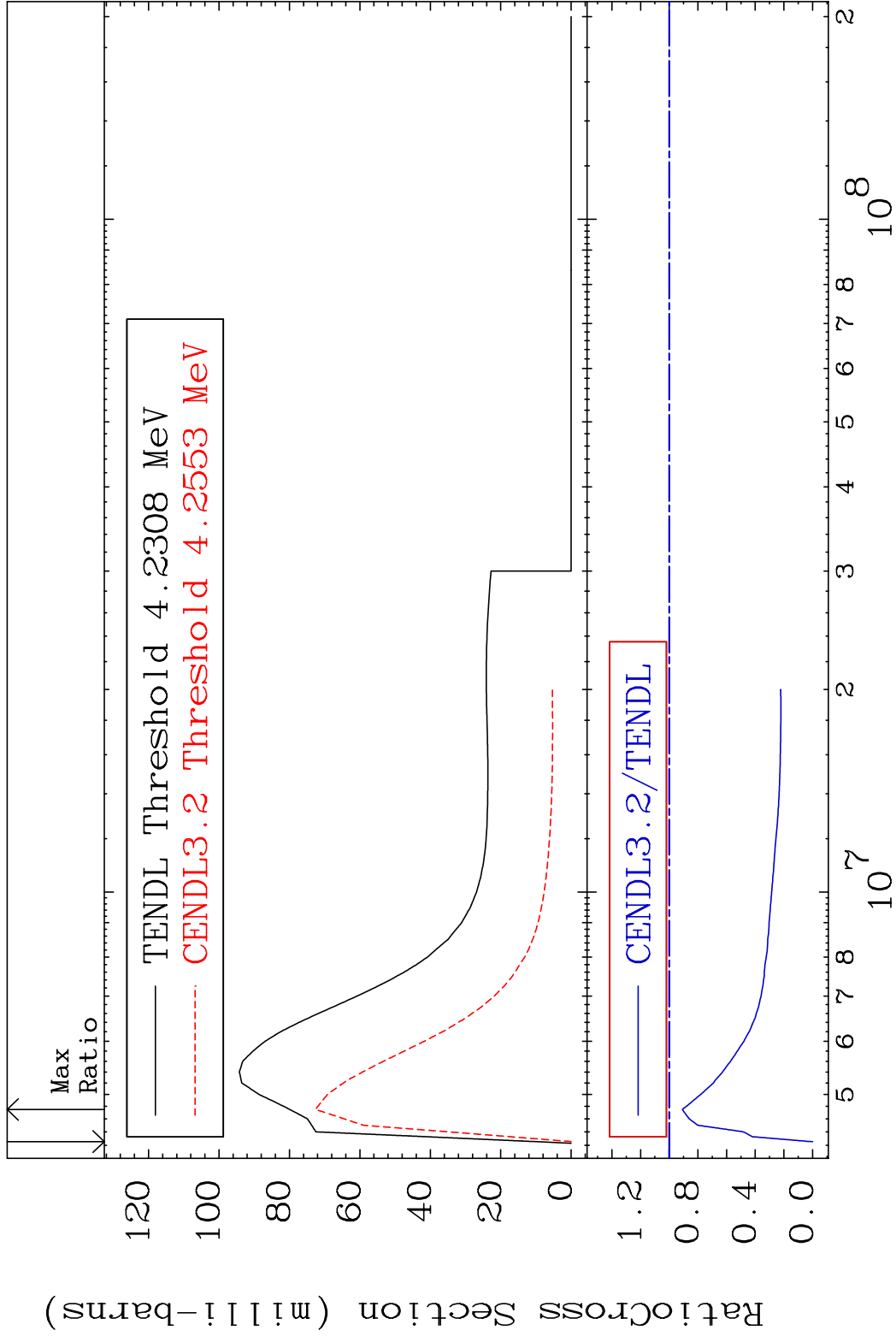
22-Ti-50

Cross Section -62.77 To 376.8 %

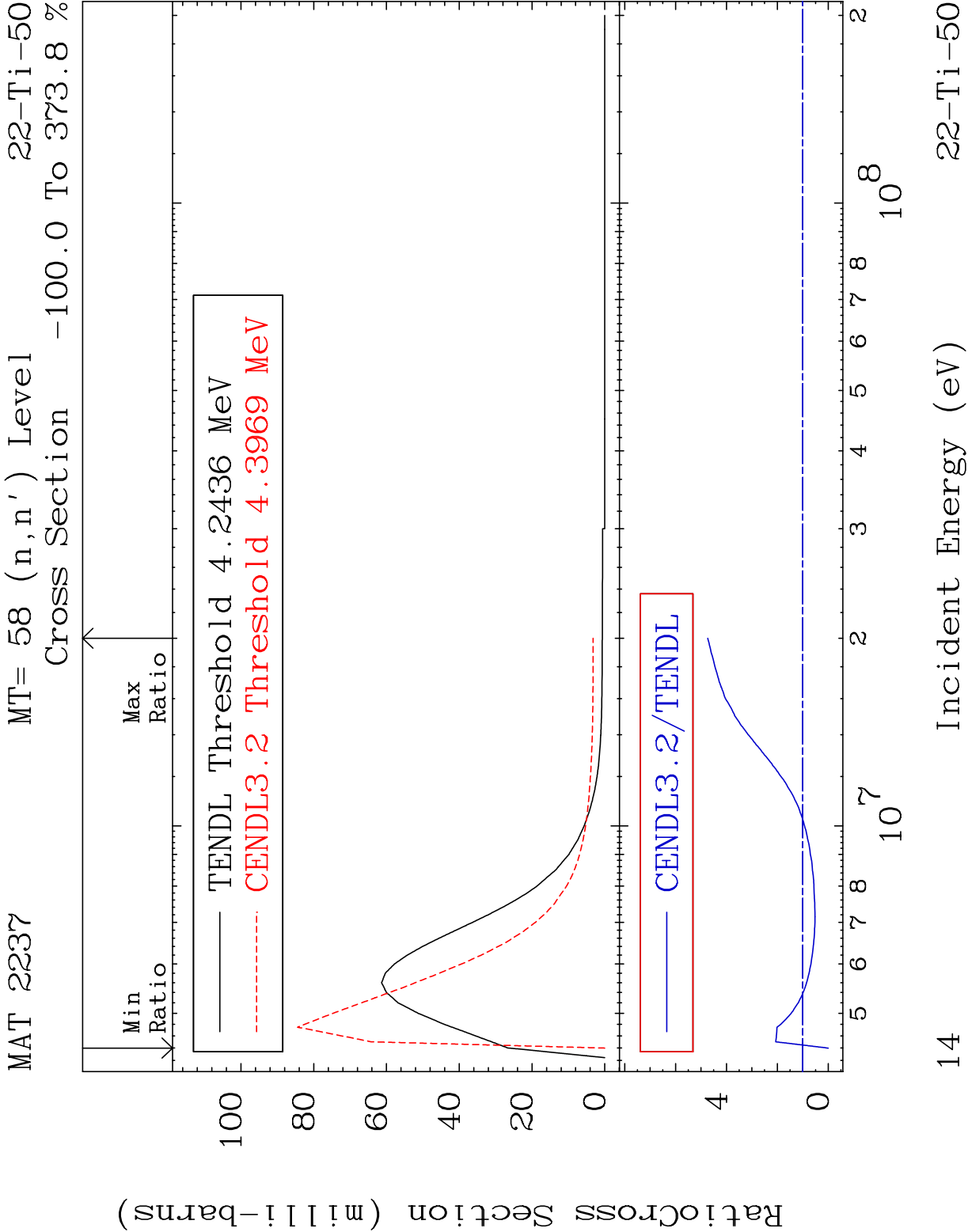


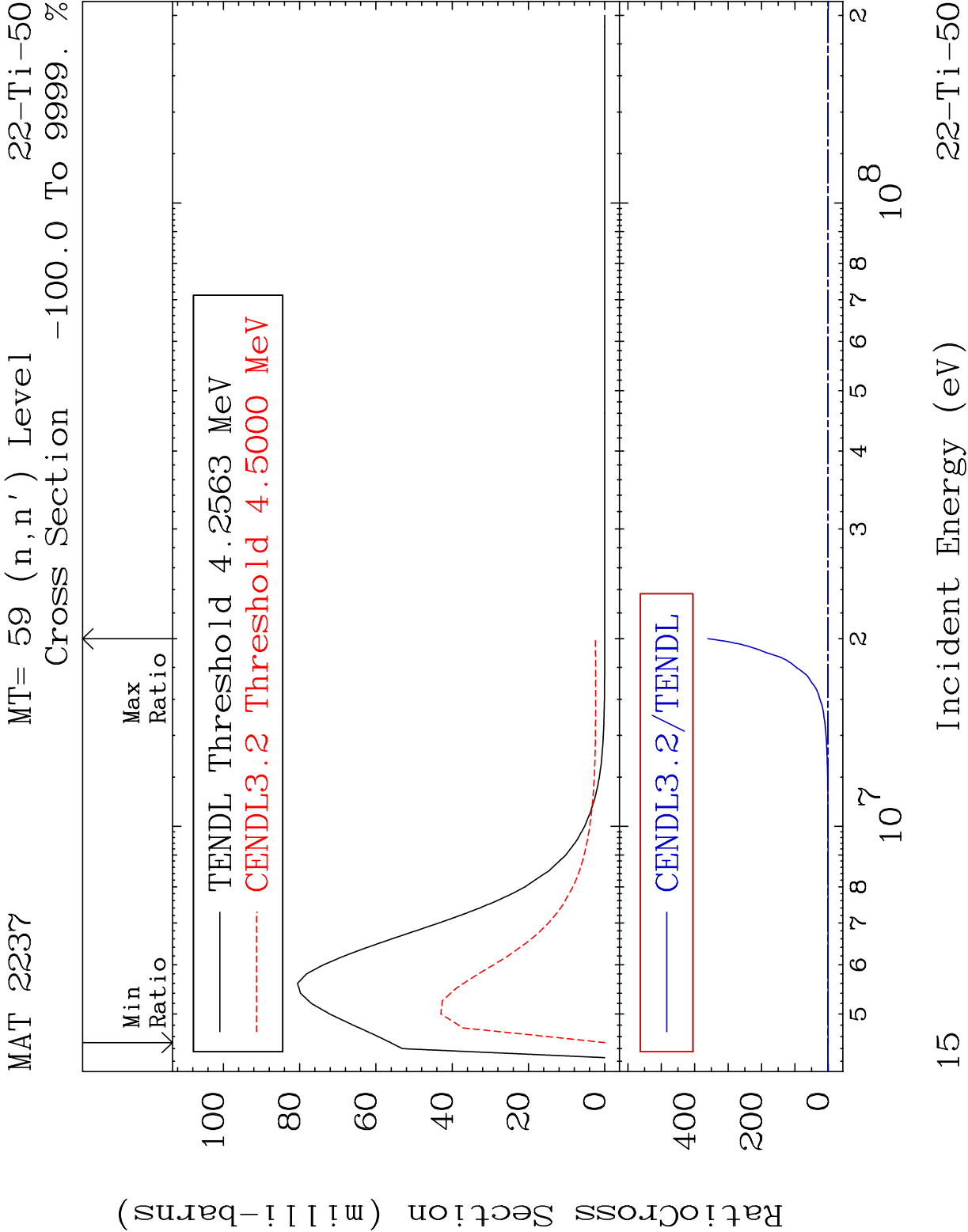


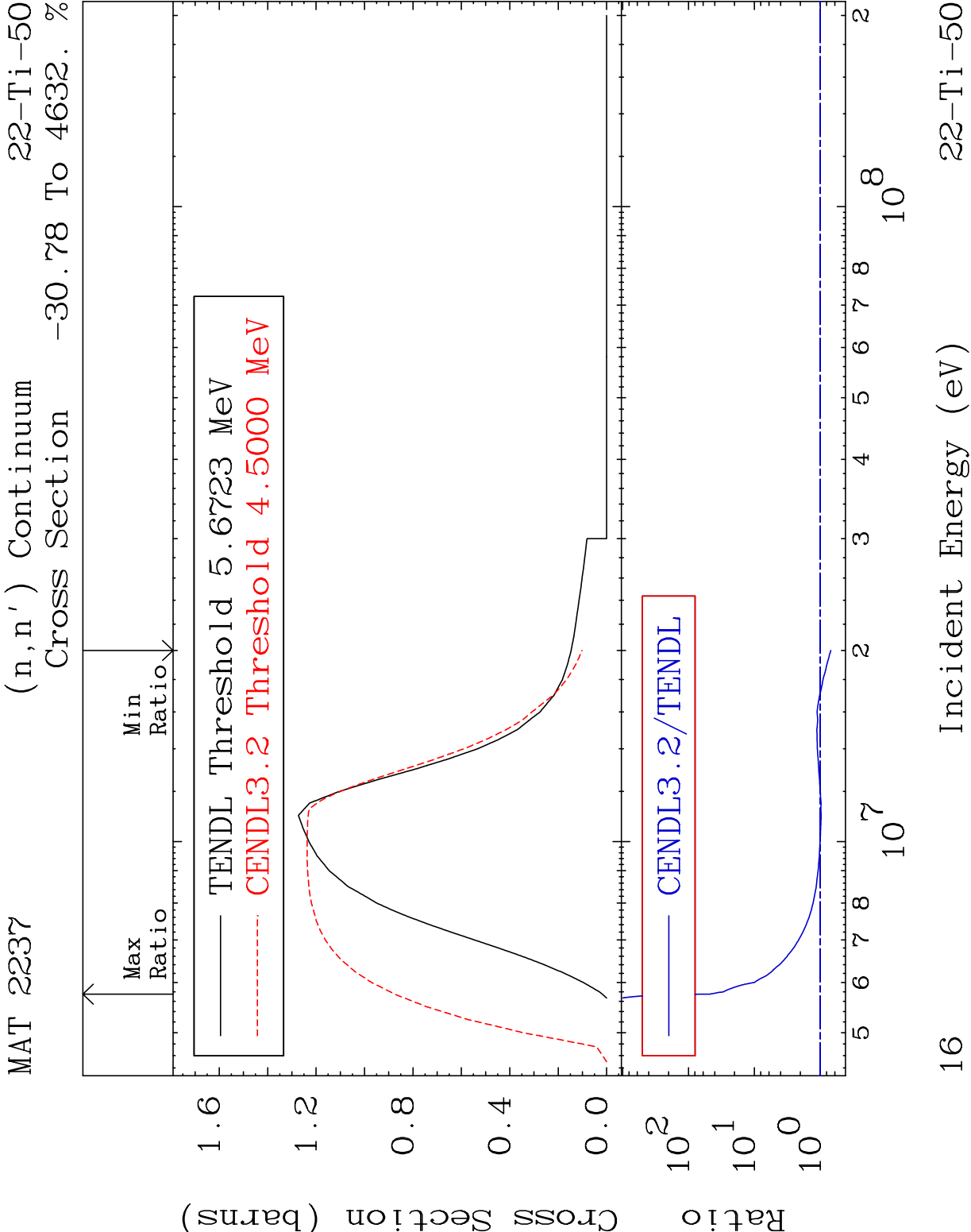
MAT 2237 MT= 57 (n,n') Level 22-Ti-50
Cross Section -100.0 To -9.164%

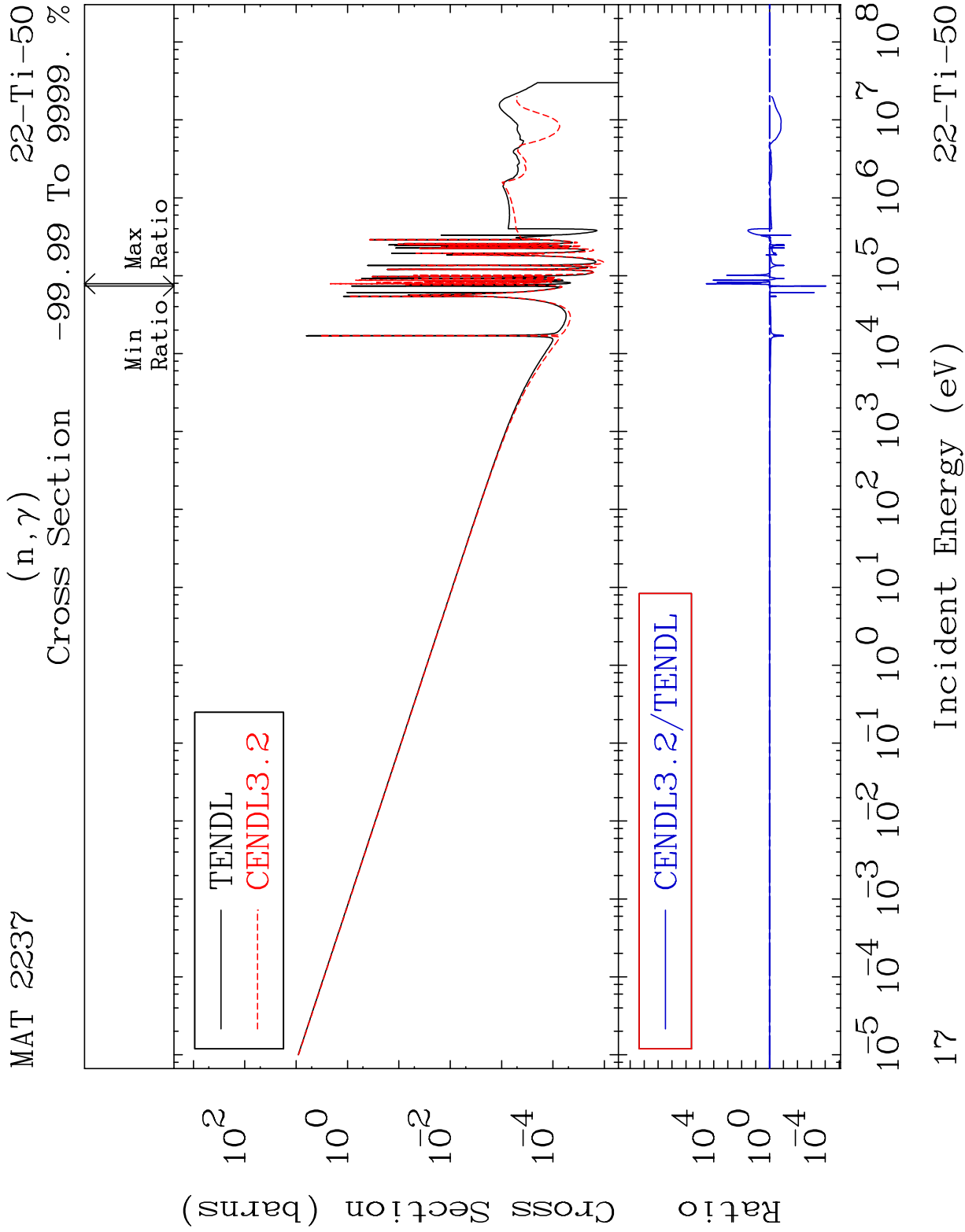


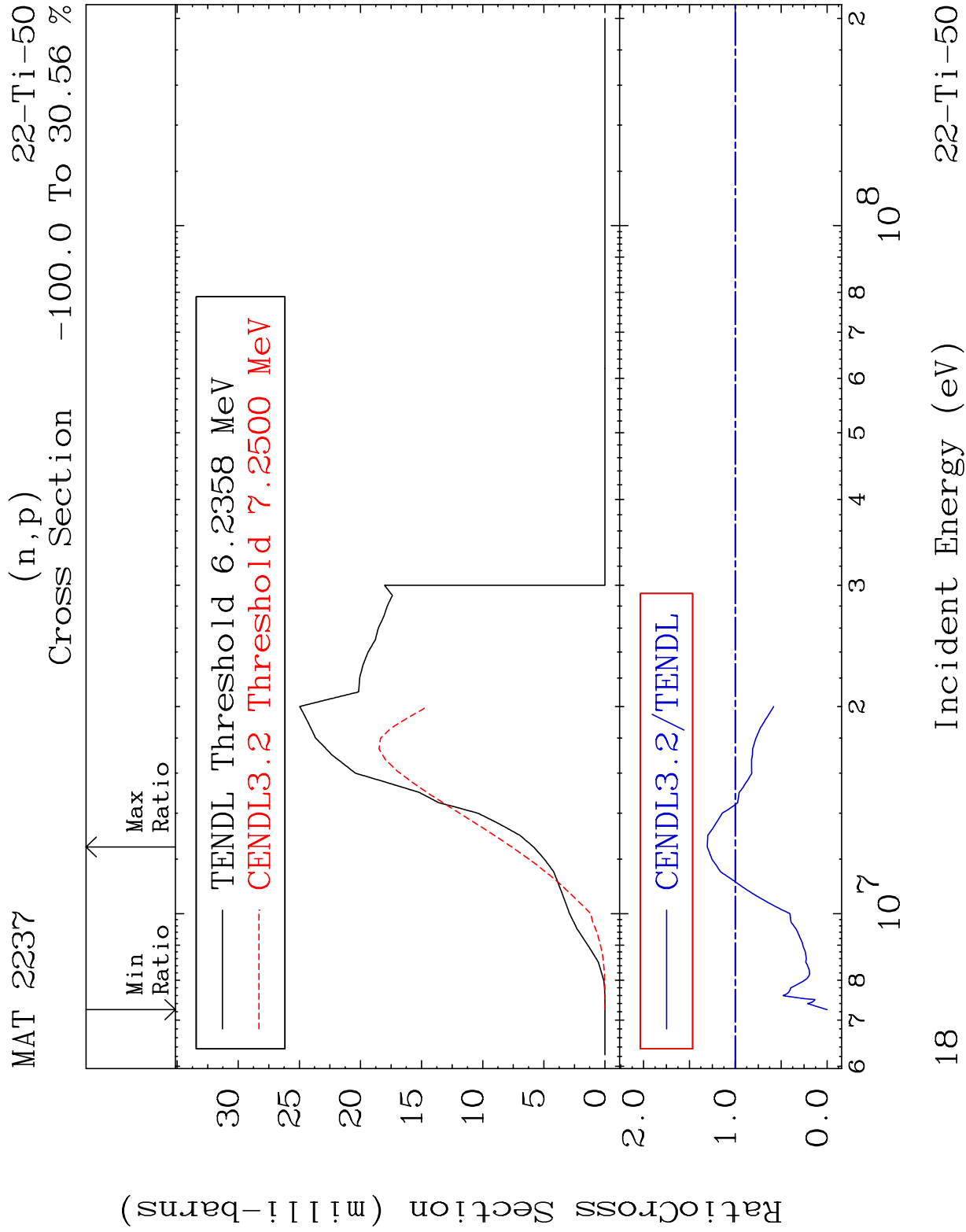
13 Incident Energy (eV) 22-Ti-50

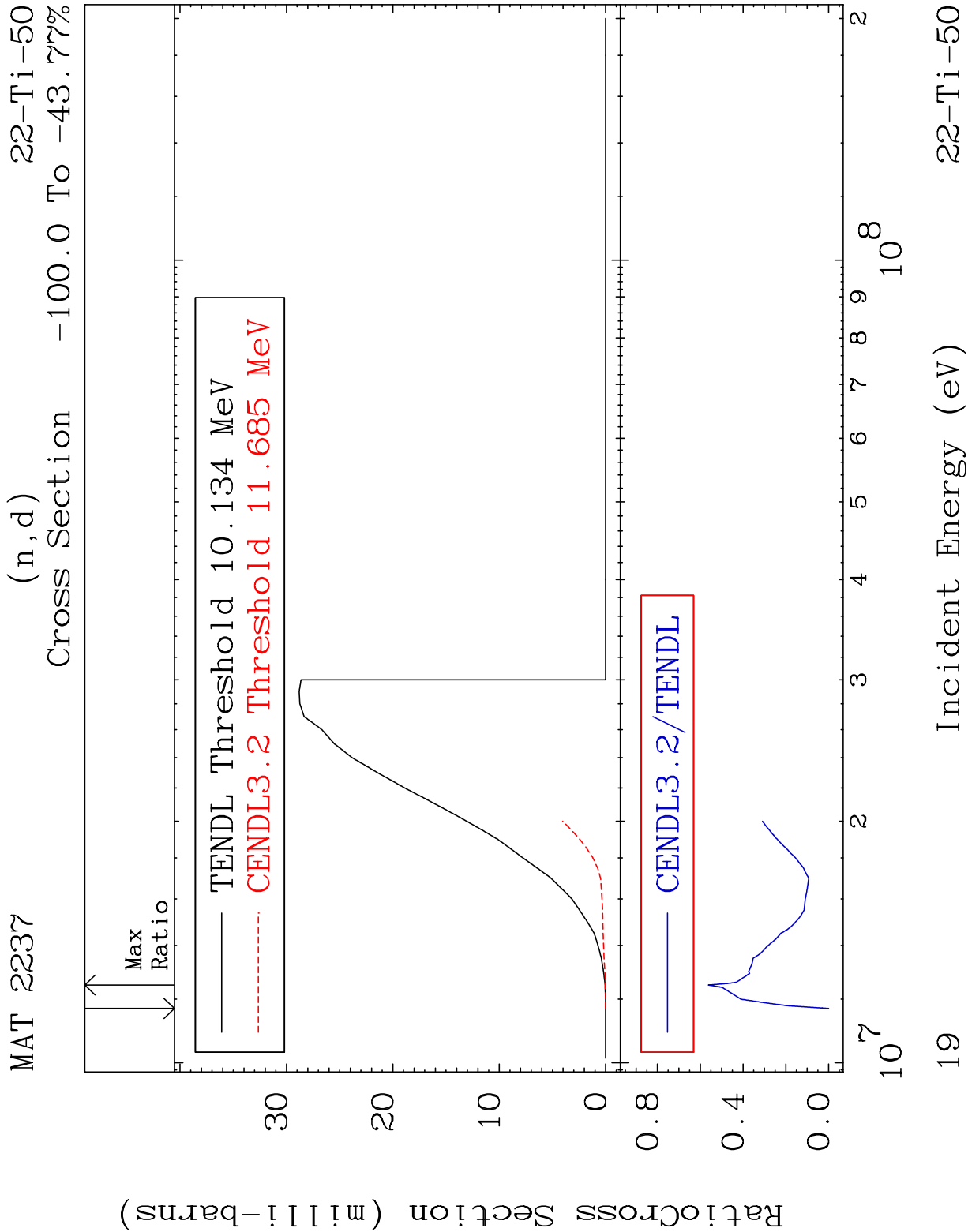


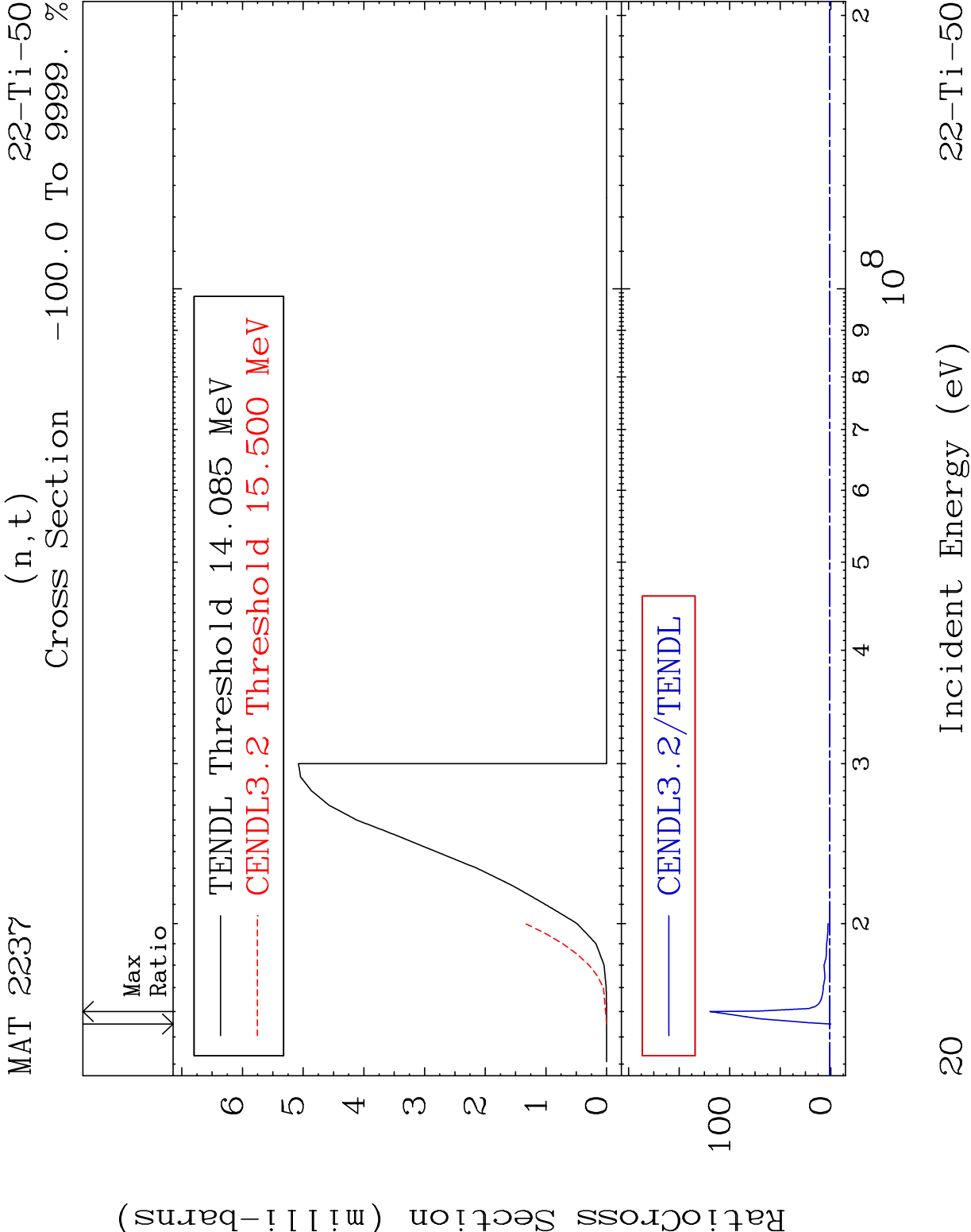


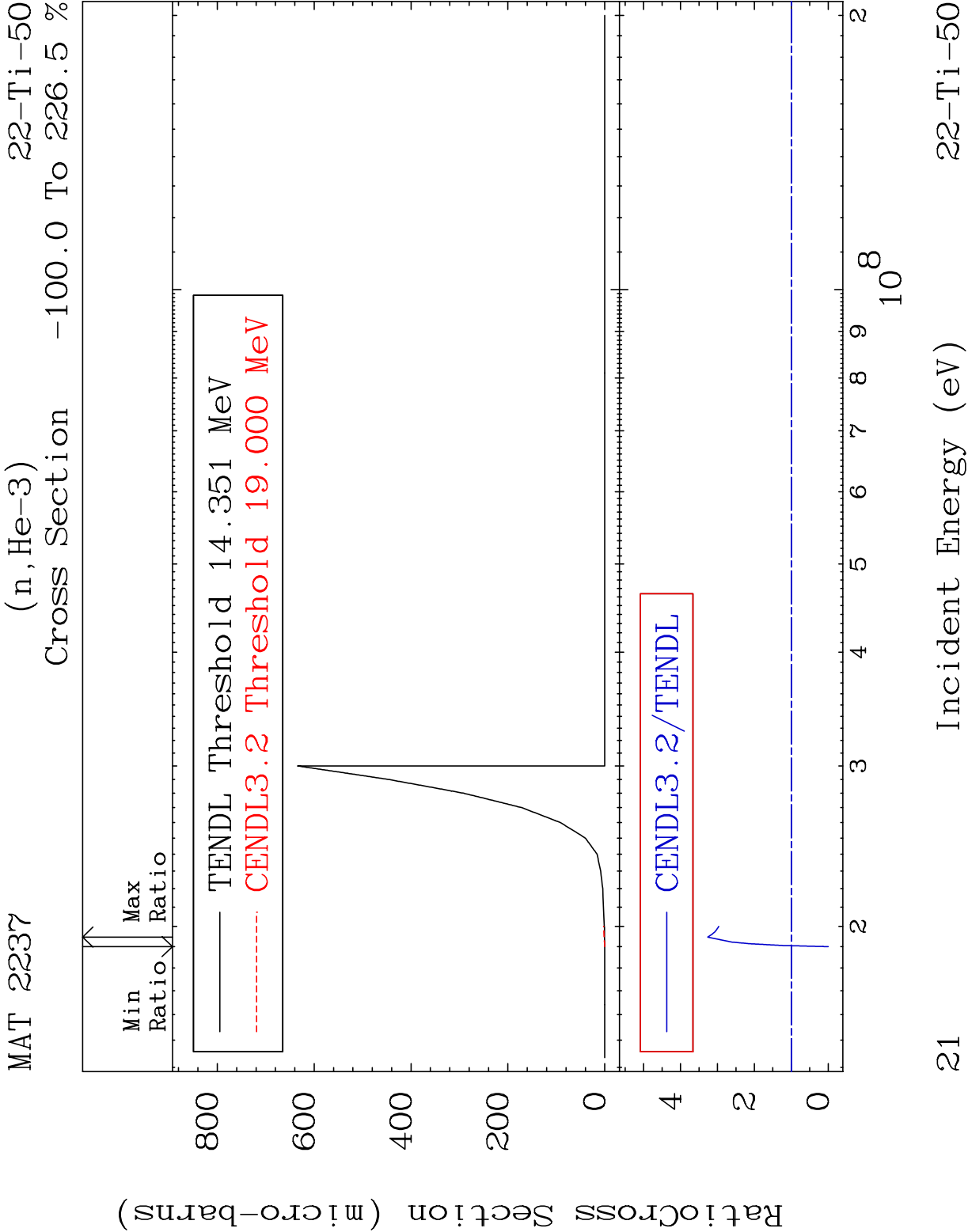






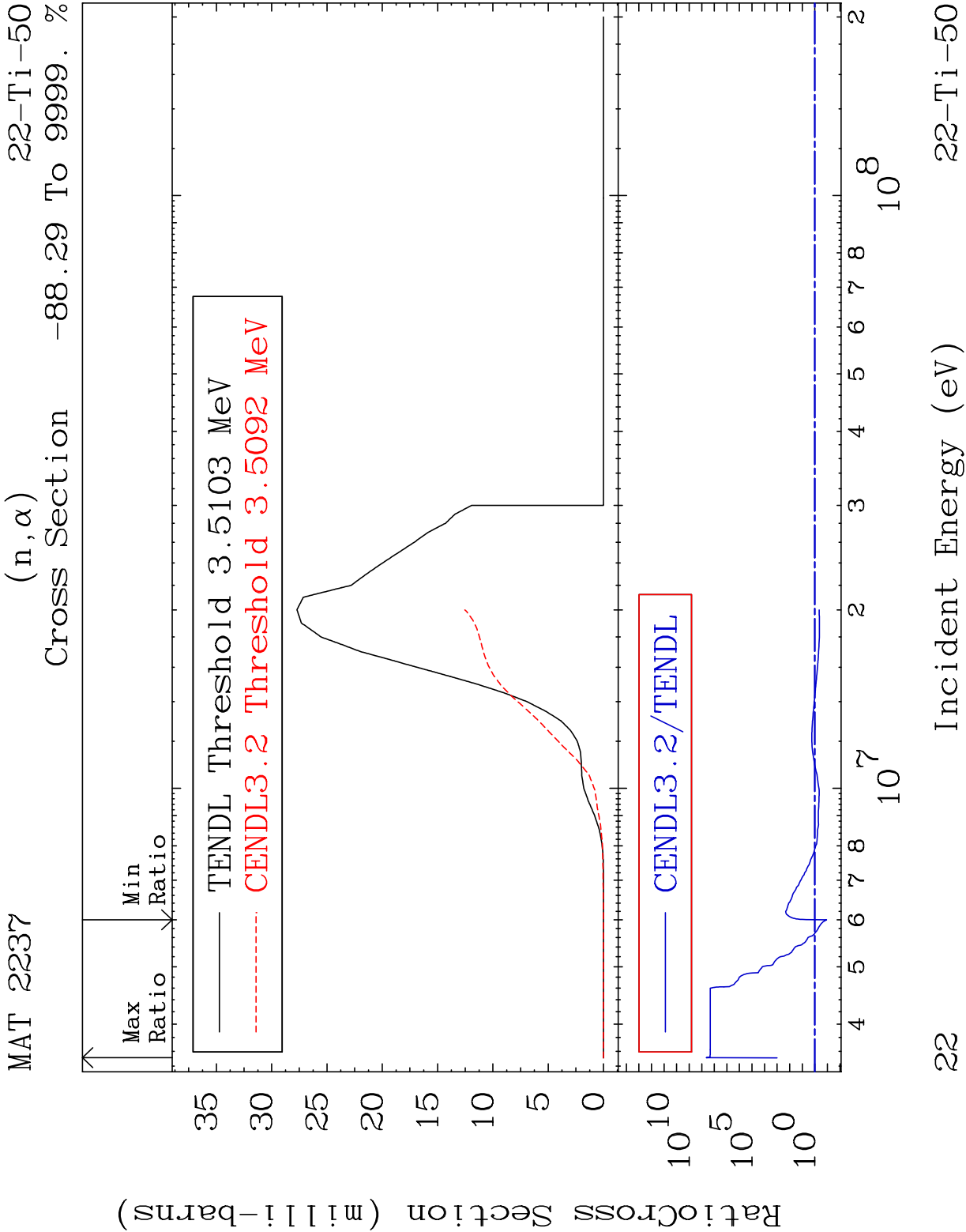




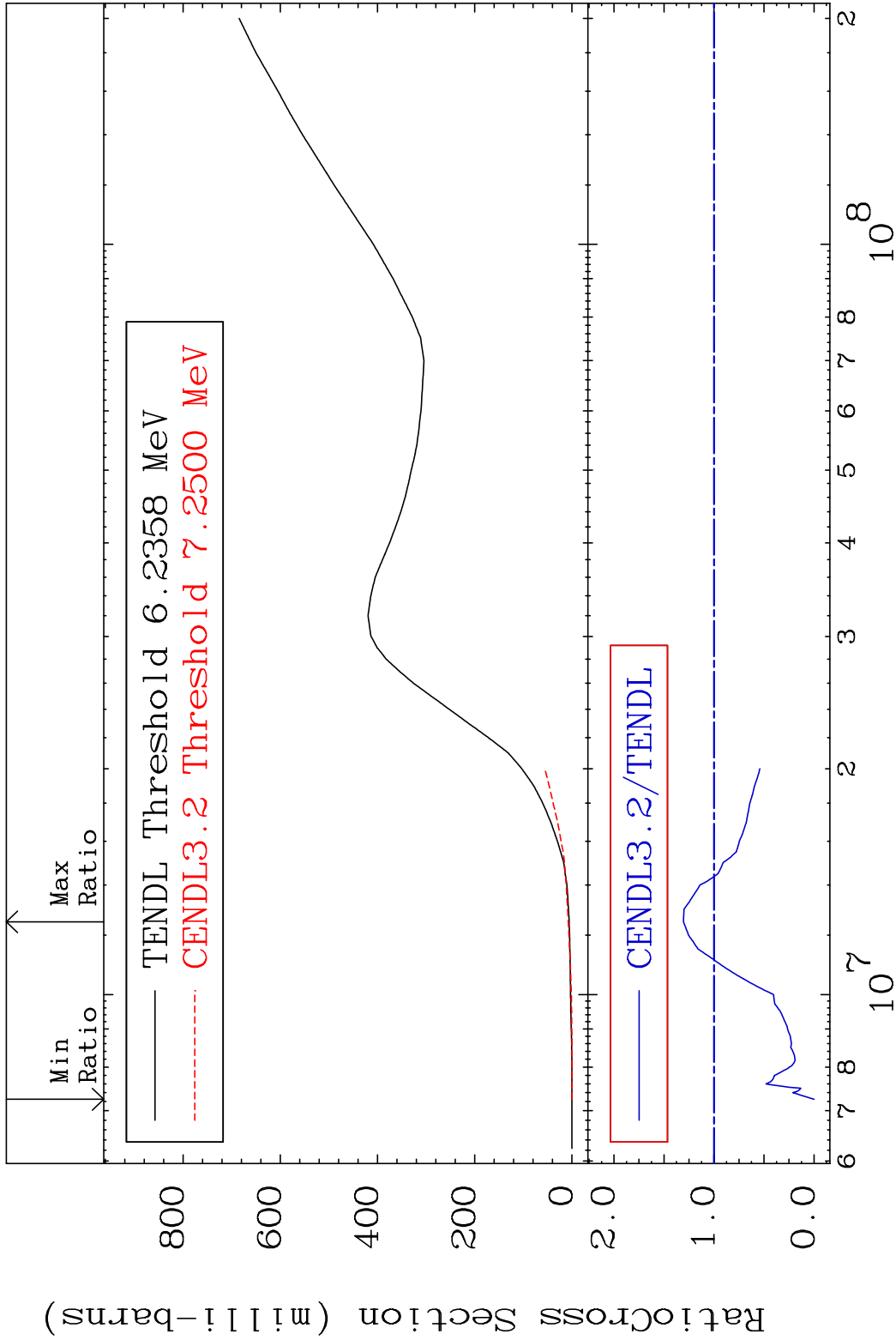


21

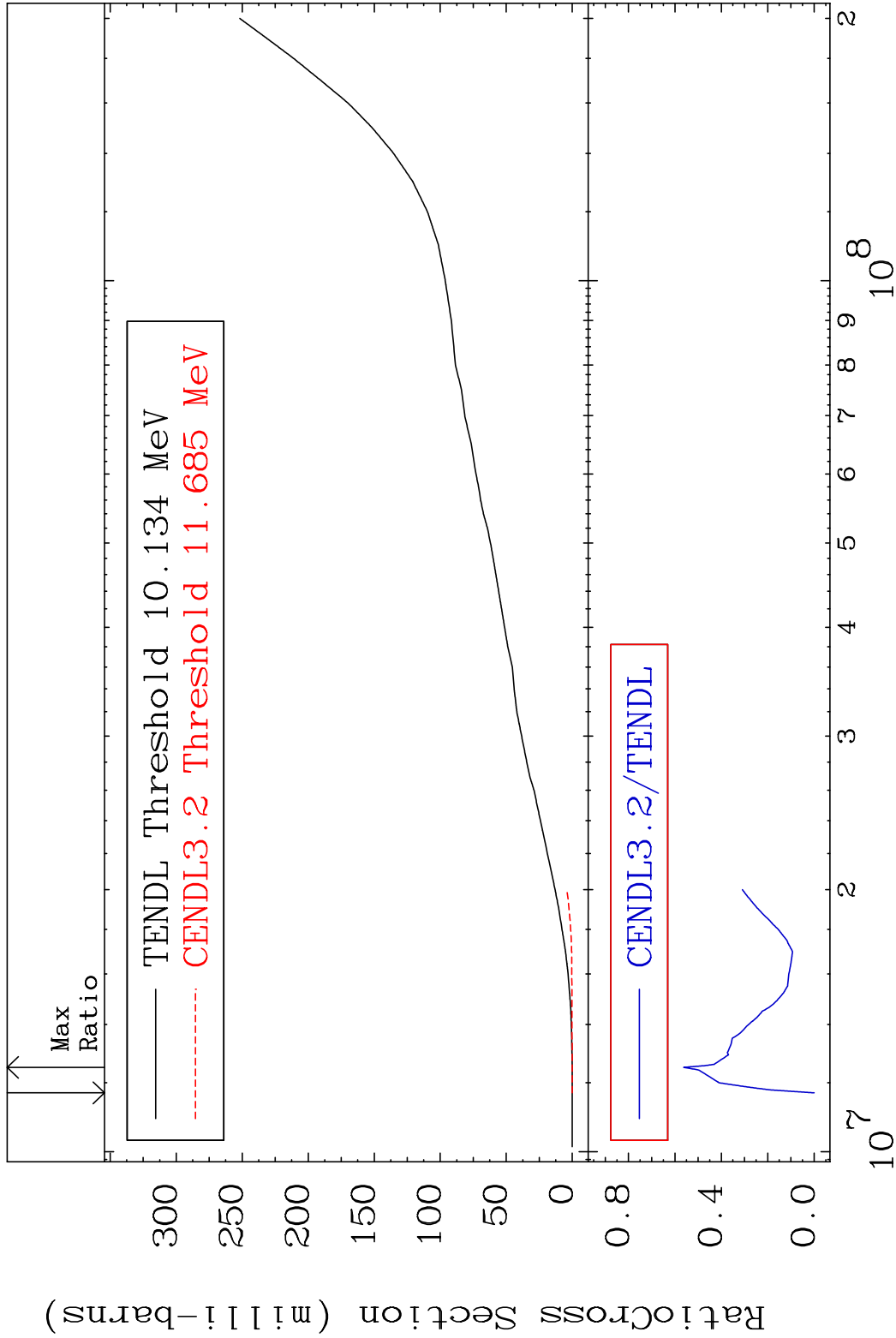
22-Ti-50

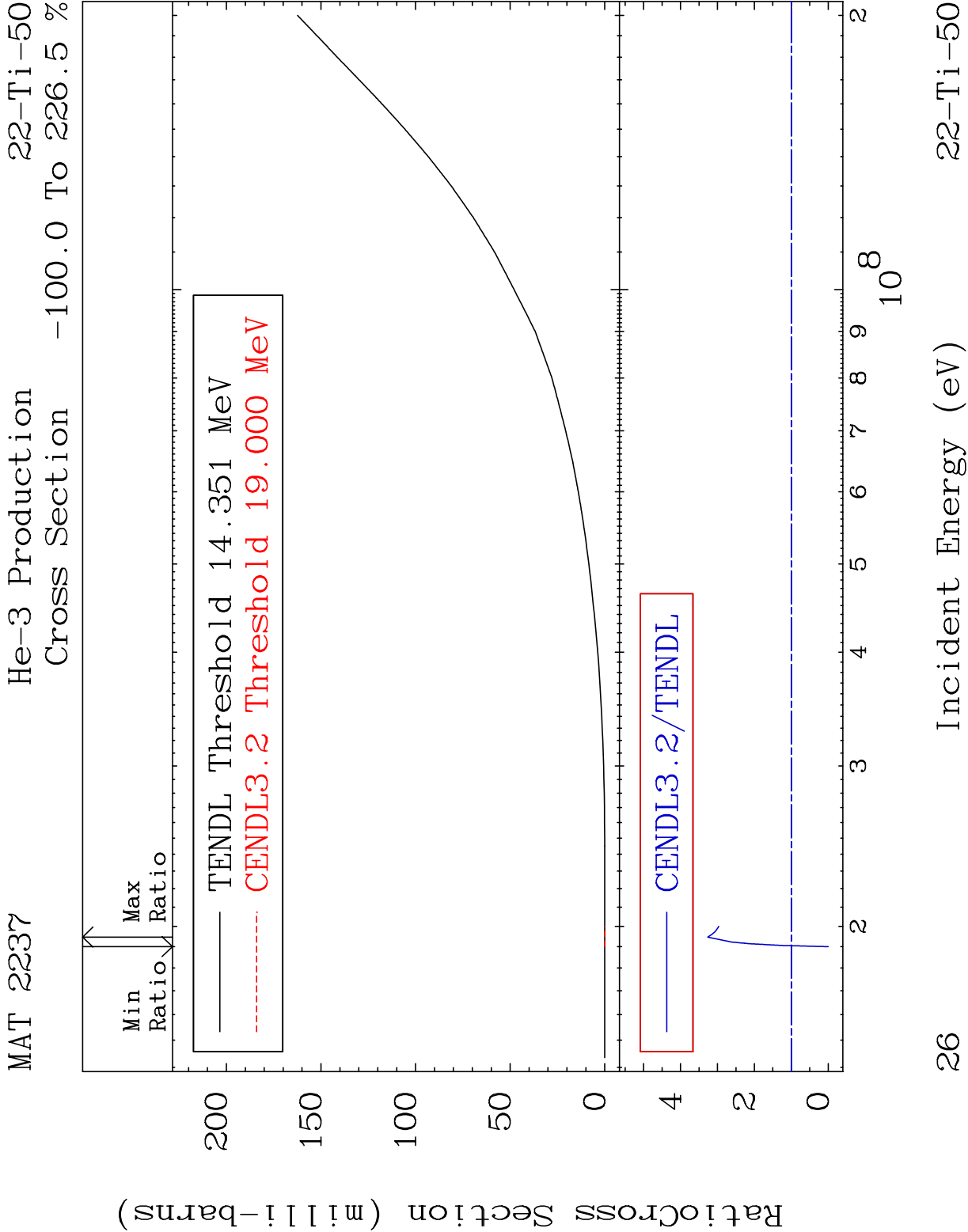


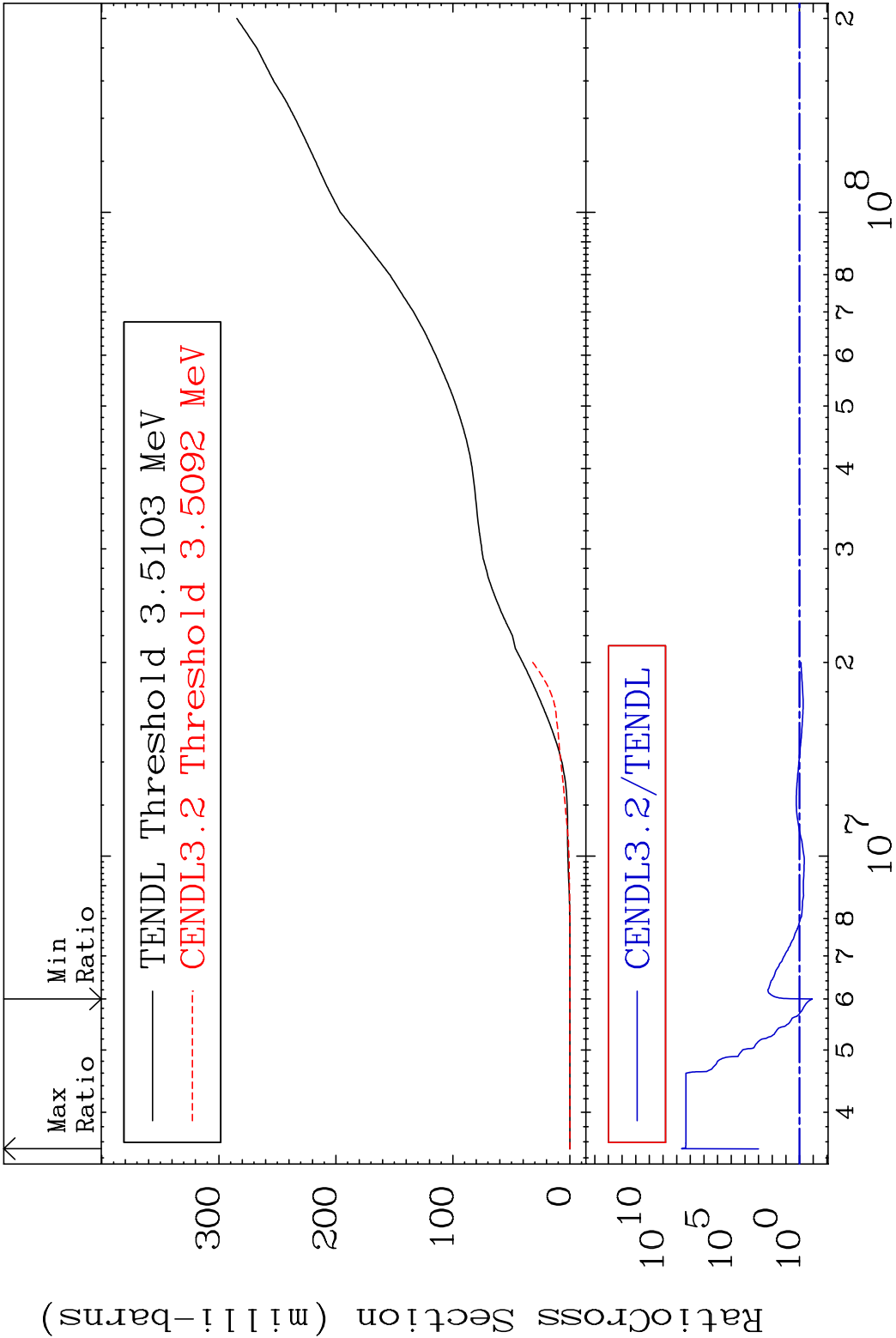
MAT 2237 Hydrogen Production 22-Ti-50
Cross Section -100.0 To 30.56 %



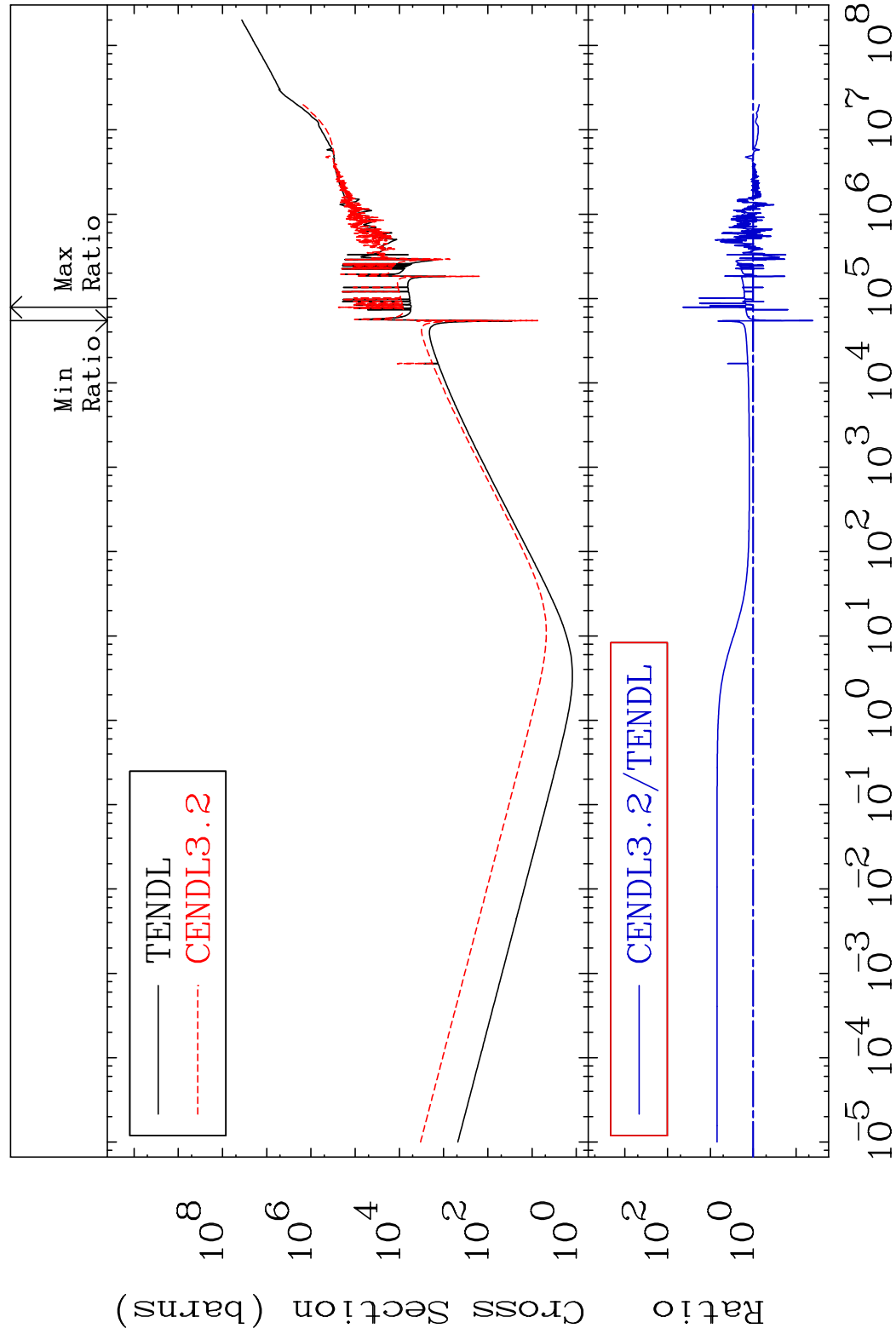
MAT 2237 Deuterium Production 22-Ti-50
Cross Section -100.0 To -43.77%





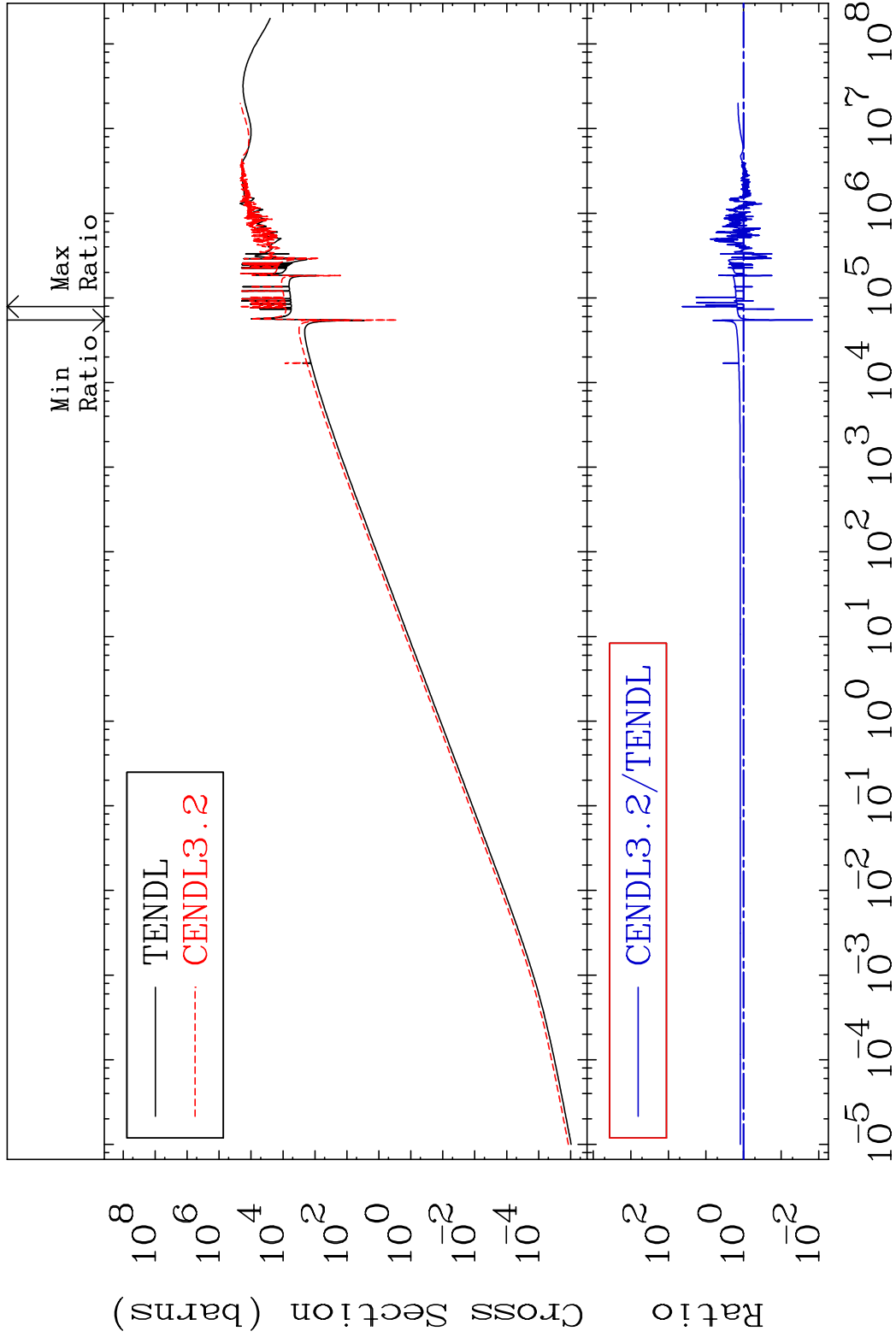


MAT 2237 Kerma total (eV-barns) 22-Ti-50
 Cross Section -95.96 To 4231. %



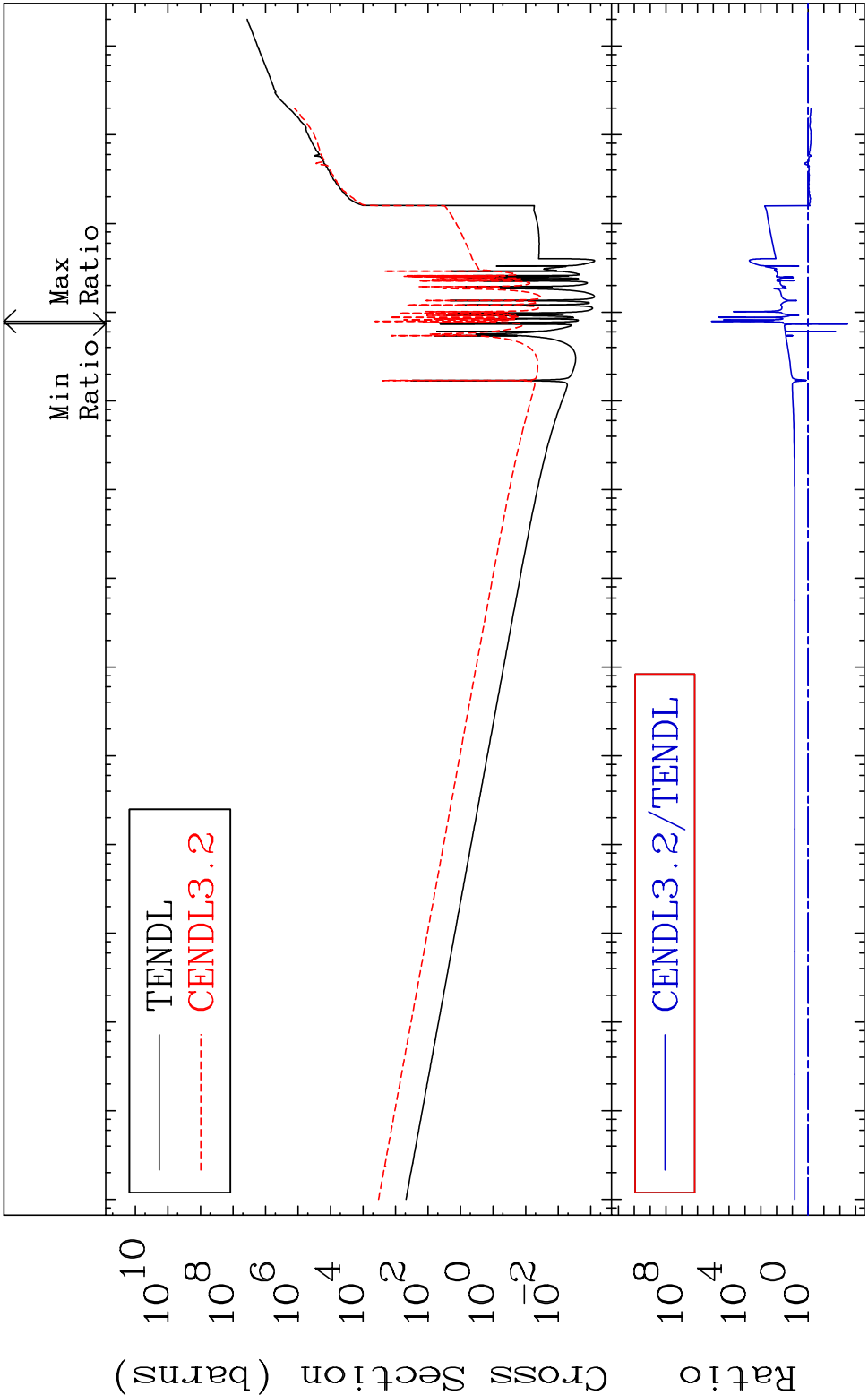
28 Incident Energy (eV) 22-Ti-50

MAT 2237 Kerma elastic 22-Ti-50
Cross Section -98.54 To 4153. %

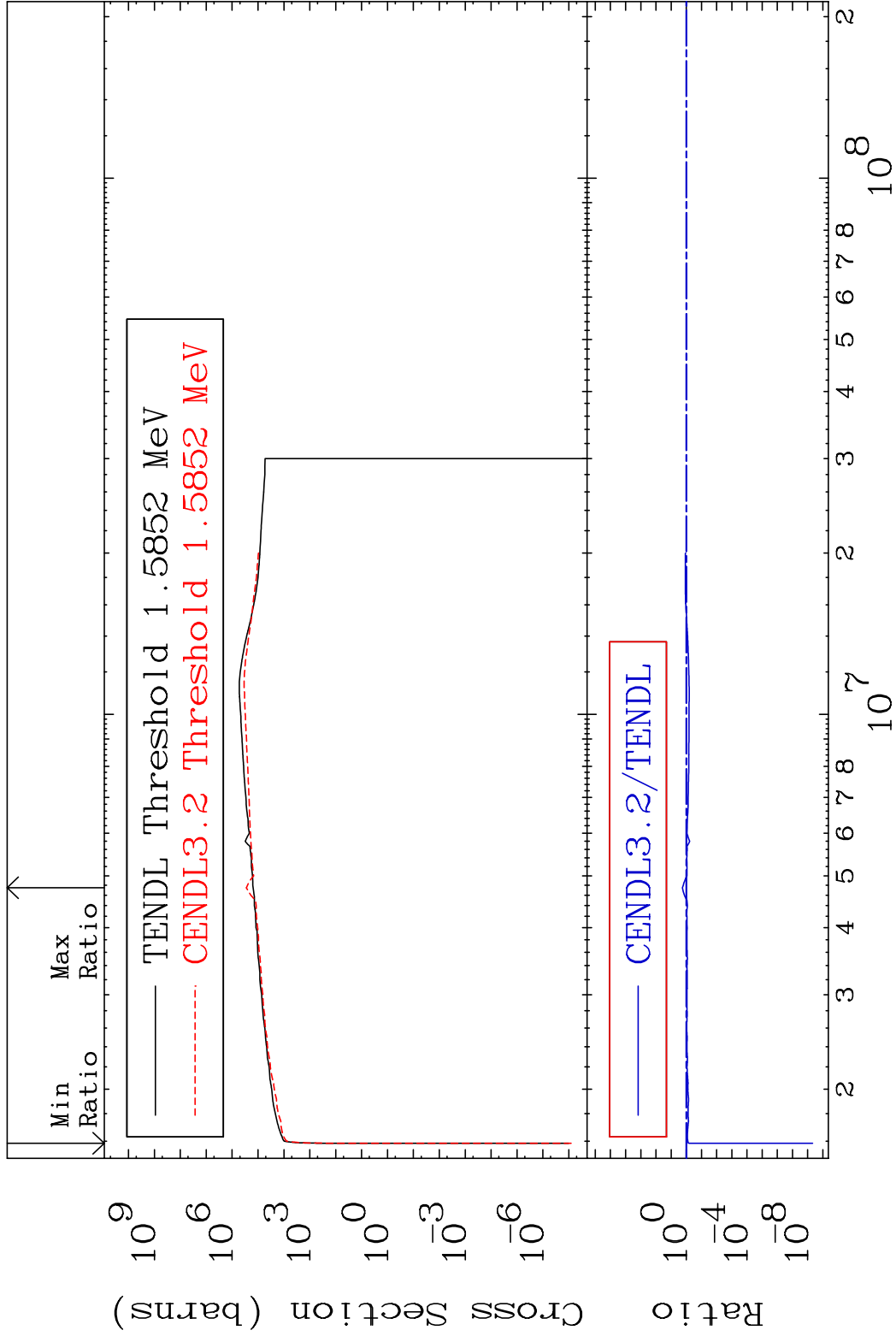


29 Incident Energy (eV) 22-Ti-50

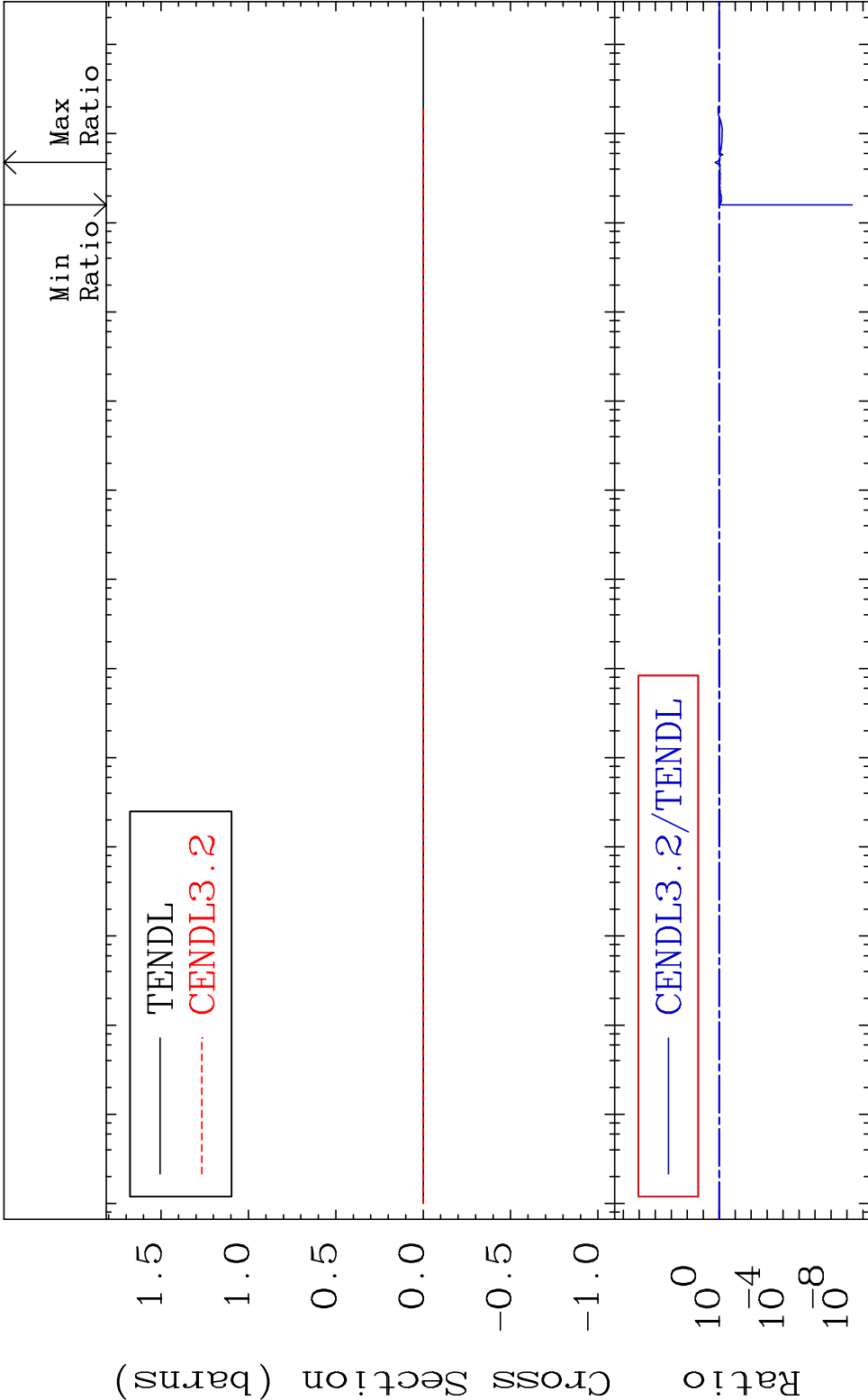
MAT 2237 Kerma non-elastic (all but mt2) 22-Ti-50
 Cross Section -99.68 To 9999. %



30 Incident Energy (eV) 22-Ti-50

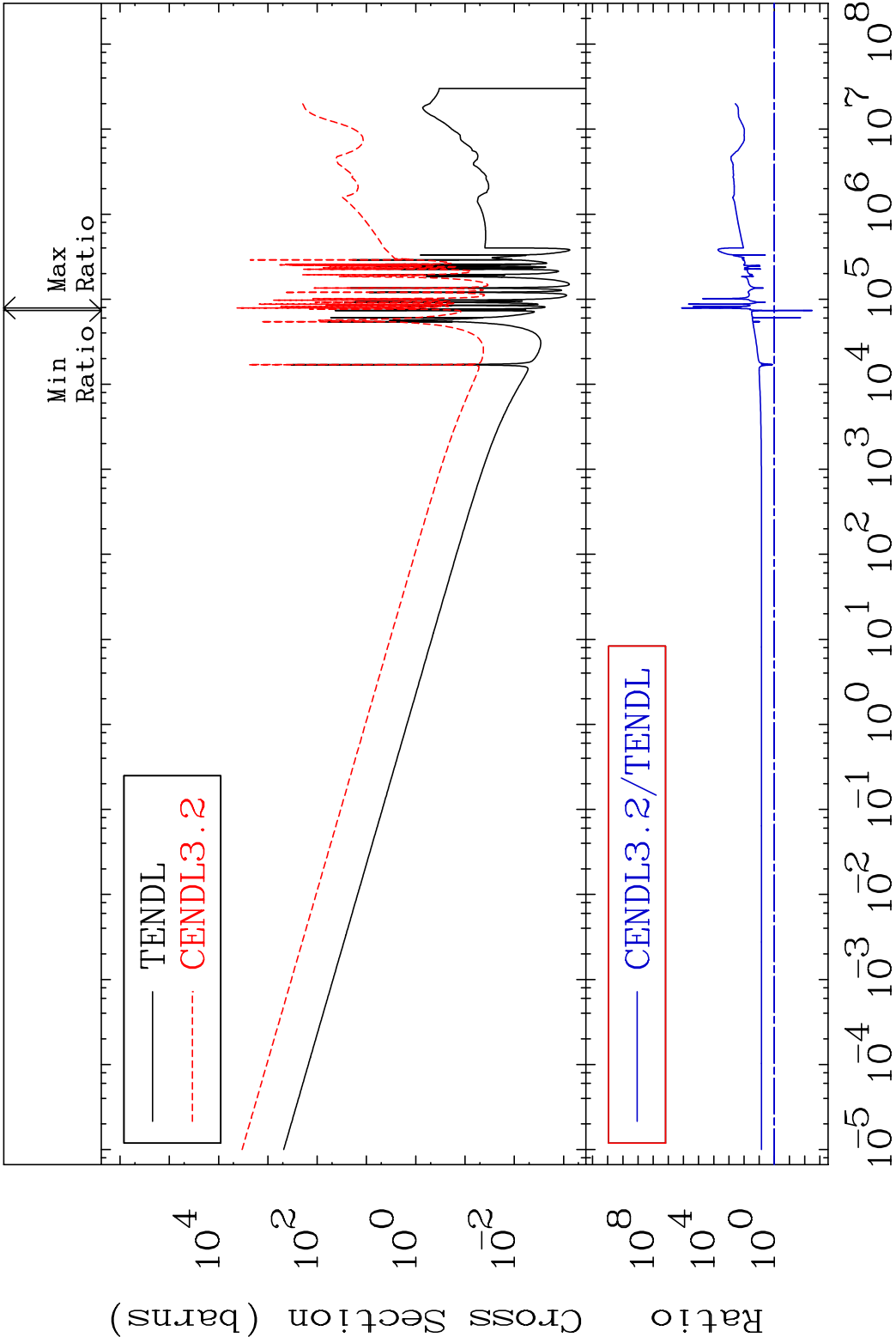


MAT 2237 Kerma fission (mt18 or mt19-20-21-38) 22-Ti-50
Cross Section -100.0 To 81.91 %

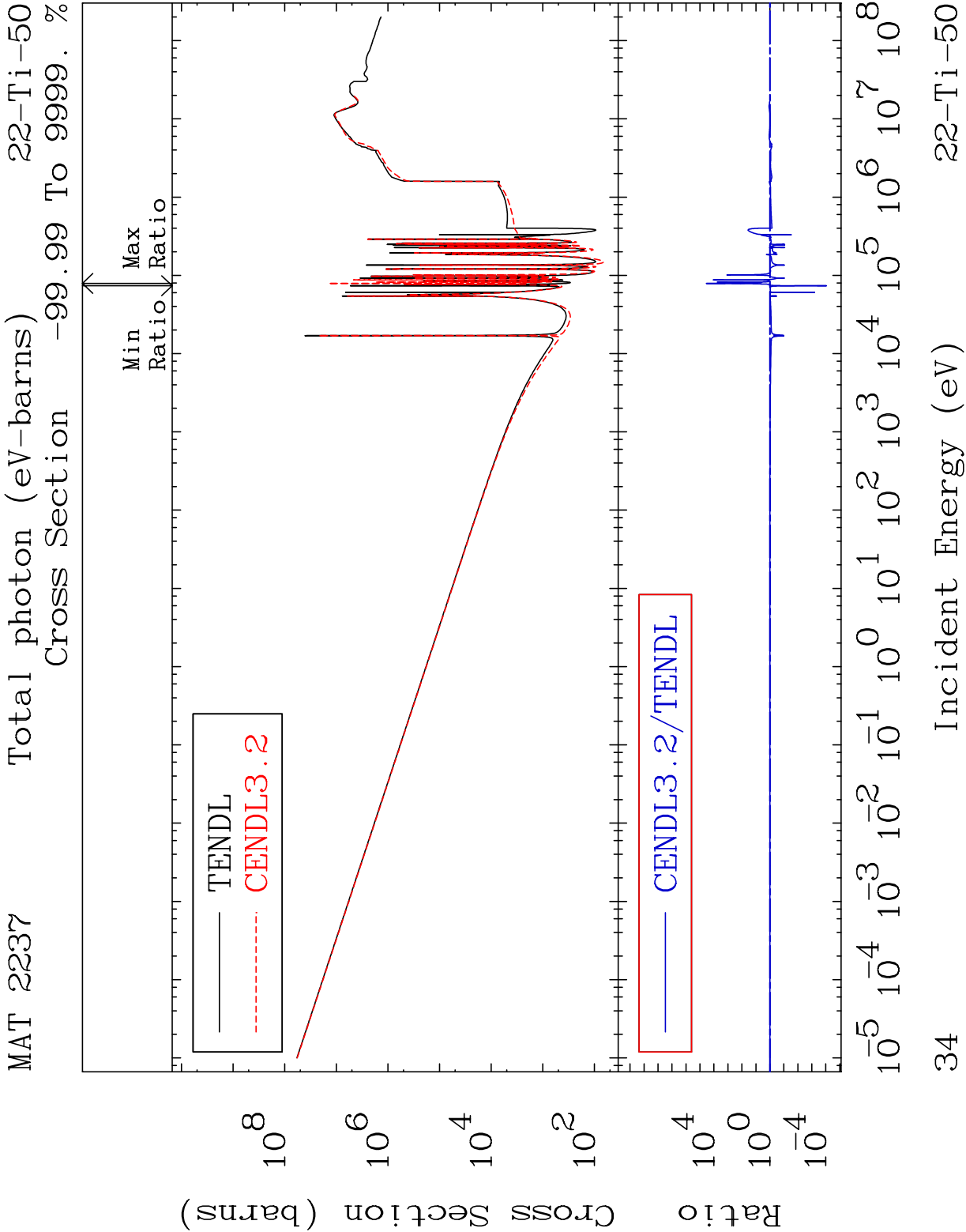


32 22-Ti-50

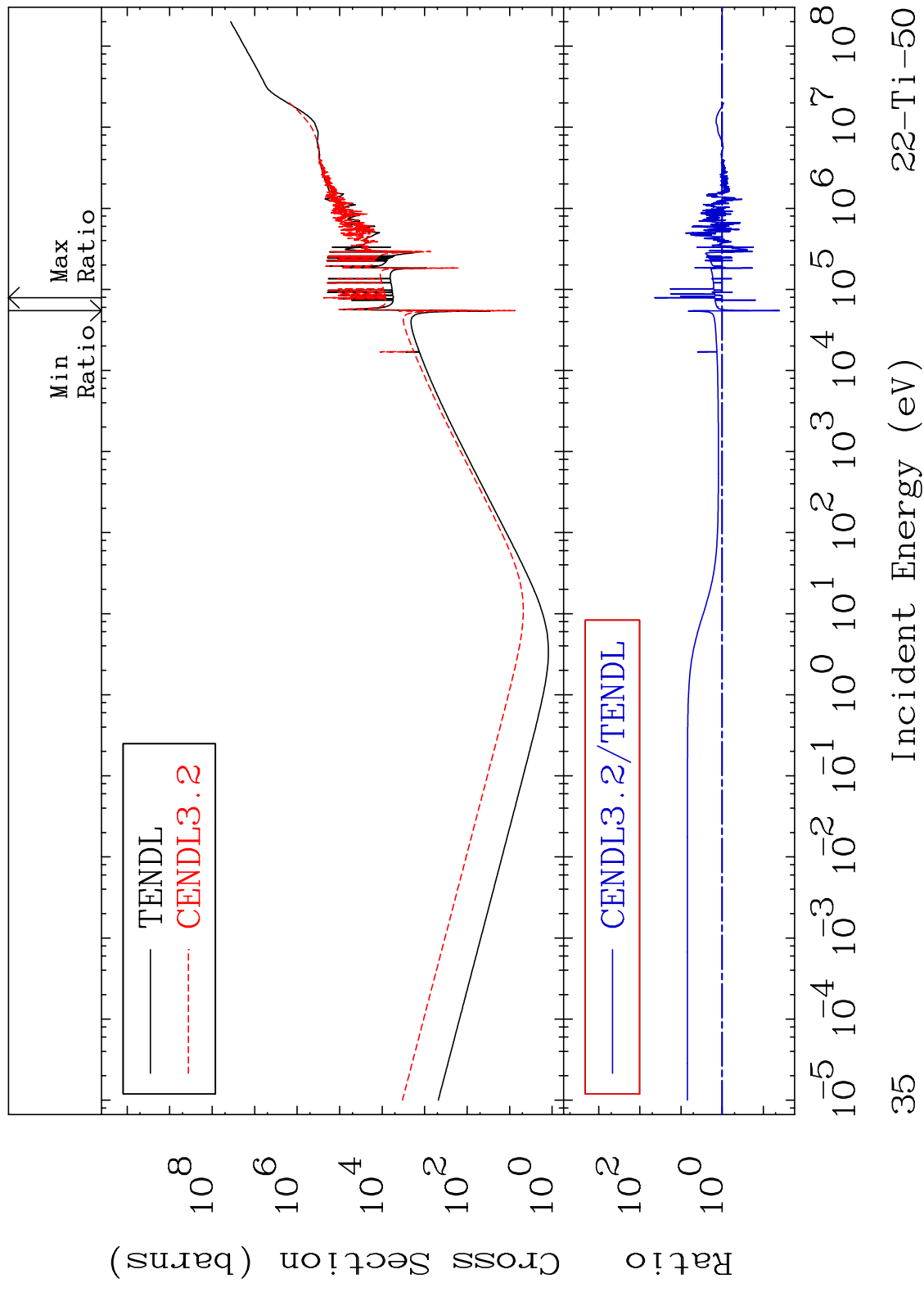
MAT 2237 Kerma capture (mt102) 22-Ti-50
Cross Section -99.68 To 9999. %



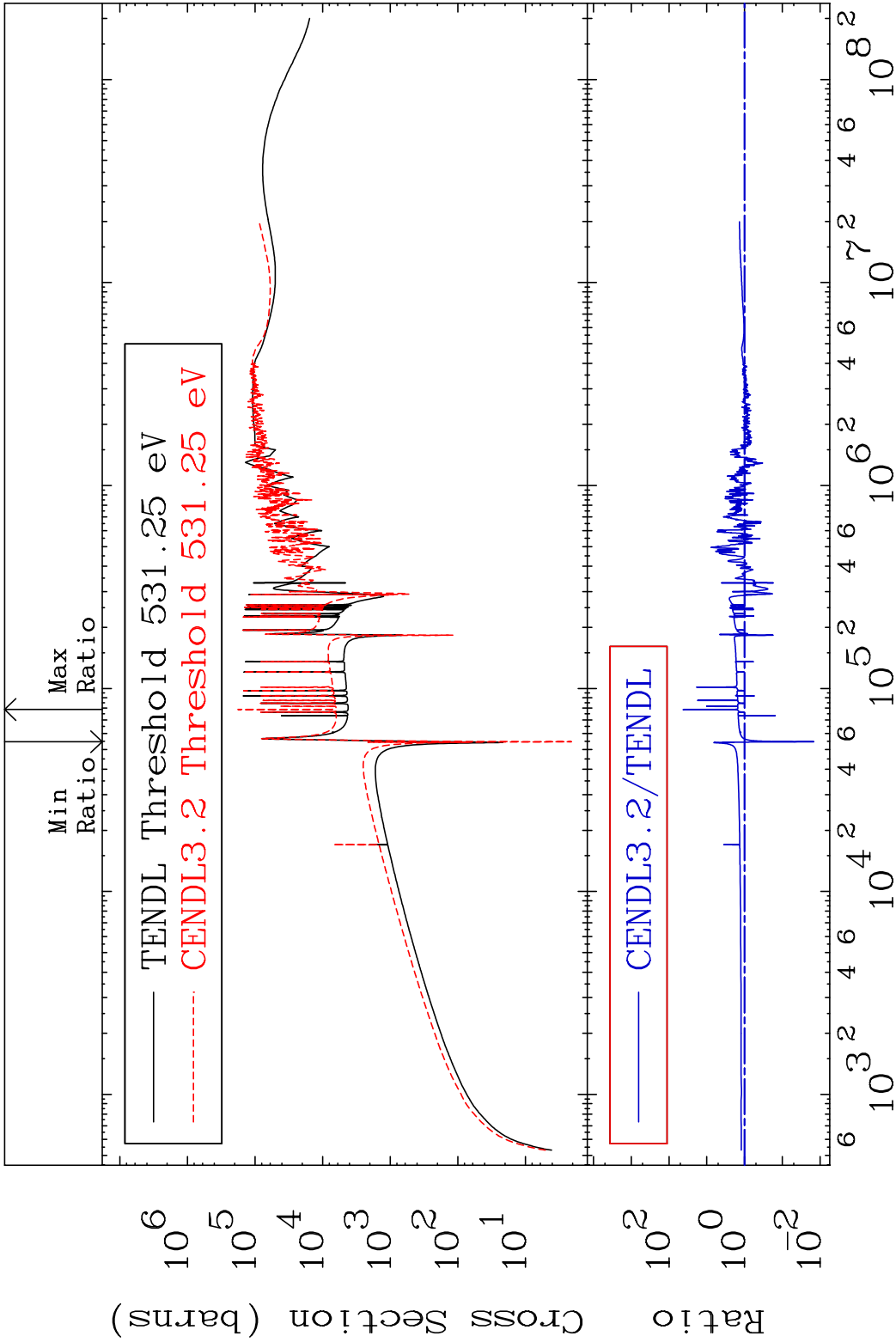
33 Incident Energy (eV) 22-Ti-50



MAT 2237	Total kinematic kerma (high limit)	22-Ti-50
	Cross Section	-95.96 To 4231. %

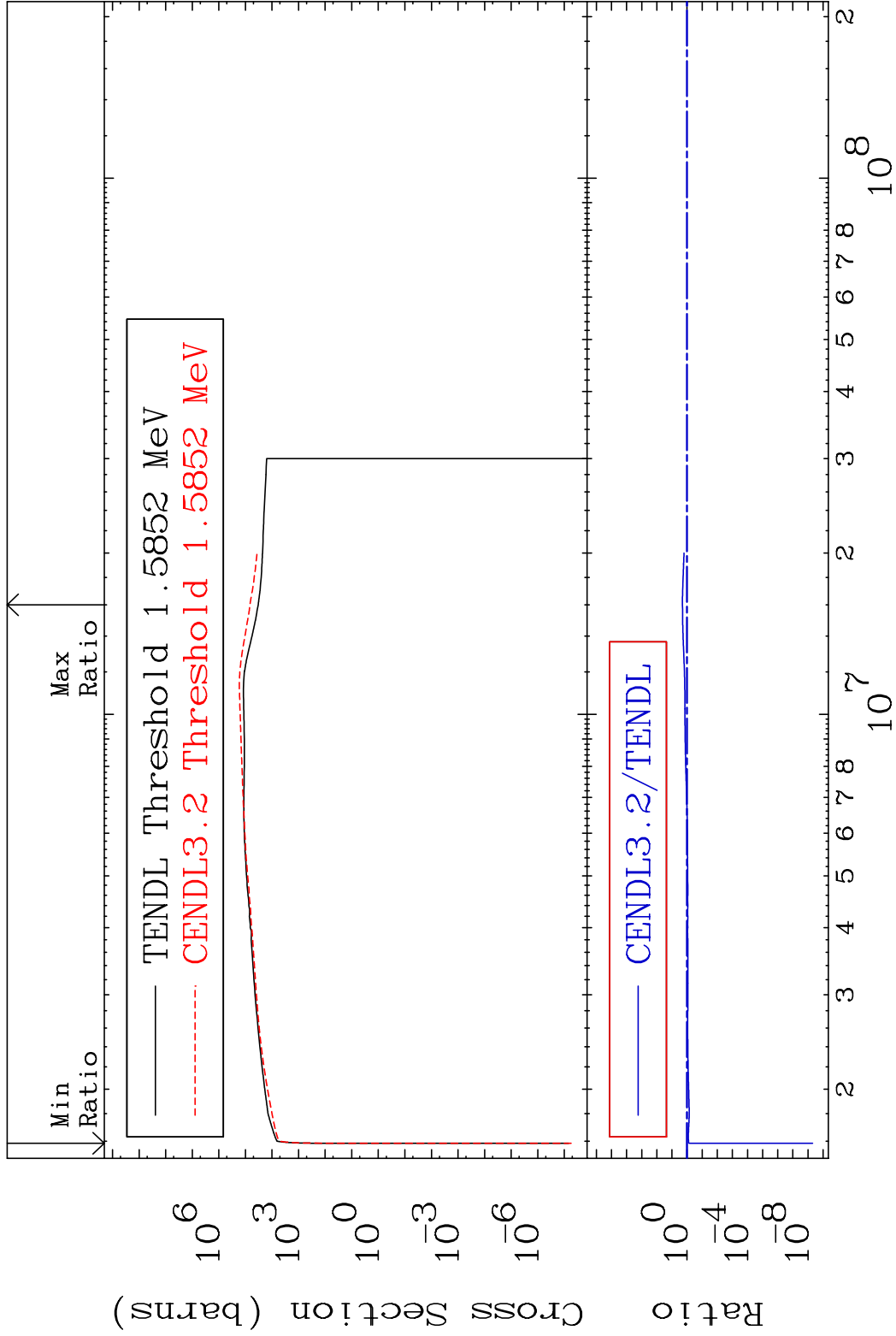


MAT 2237 Dpa elastic (mt2) 22-Ti-50
 Cross Section -98.54 To 4154. %

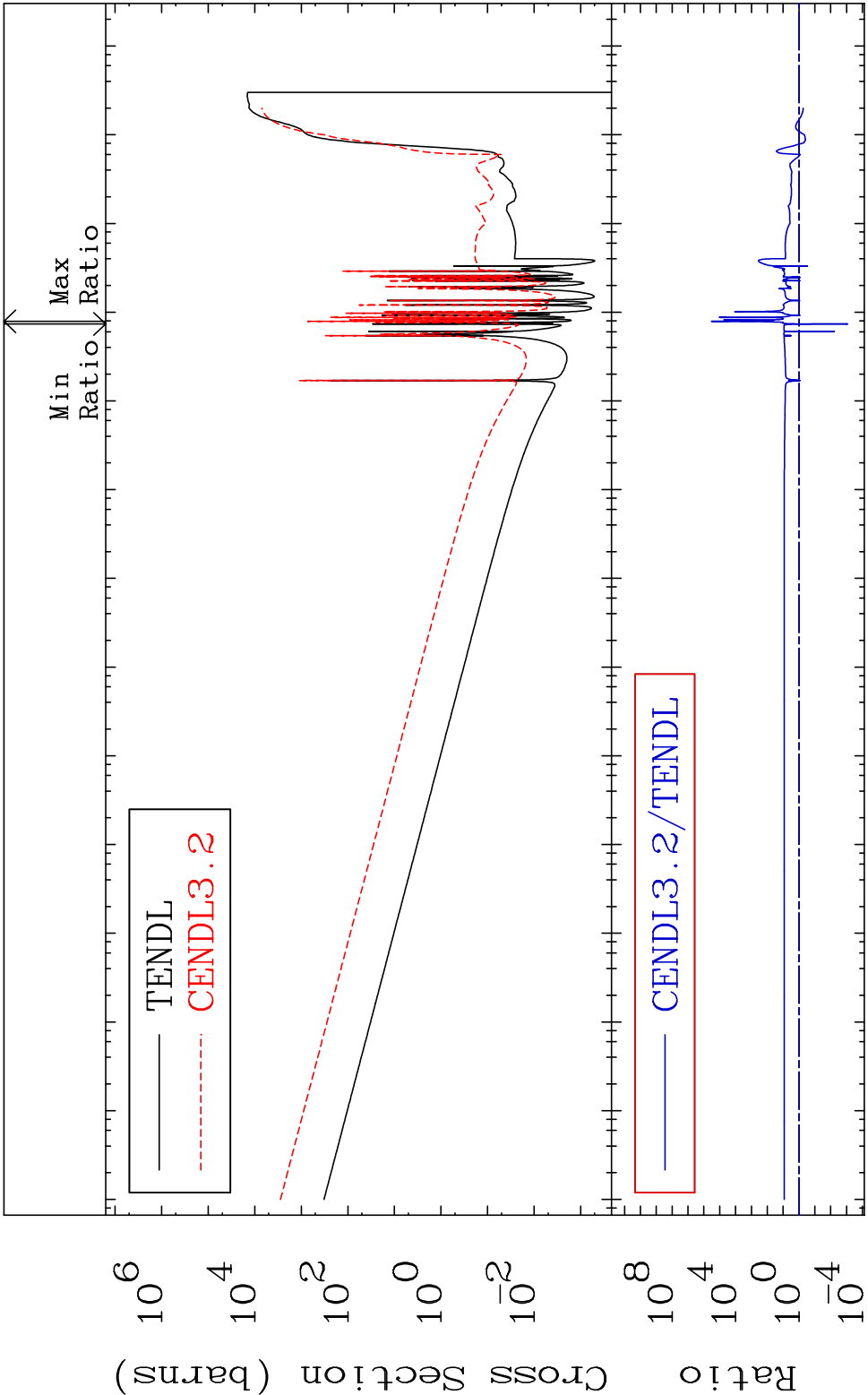


37 Incident Energy (eV) 22-Ti-50

MAT 2237 Dpa inelastic (mt51-91) 22-Ti-50
Cross Section -100.0 To 104.6 %



MAT 2237 Dpa disappearance (mt102 -120) 22-Ti-50
Cross Section -99.92 To 9999. %



39 Incident Energy (eV) 22-Ti-50

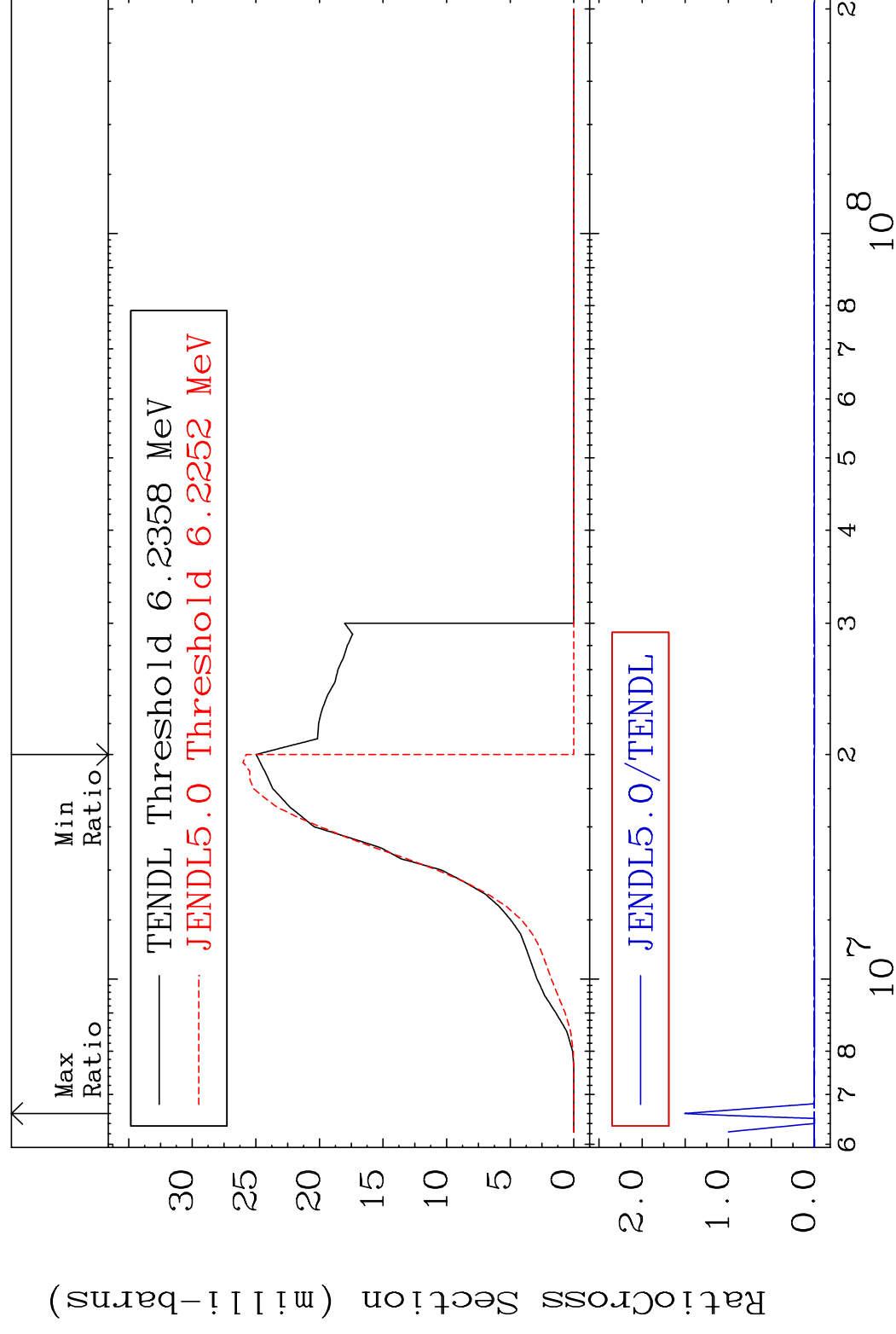
MAT 2237

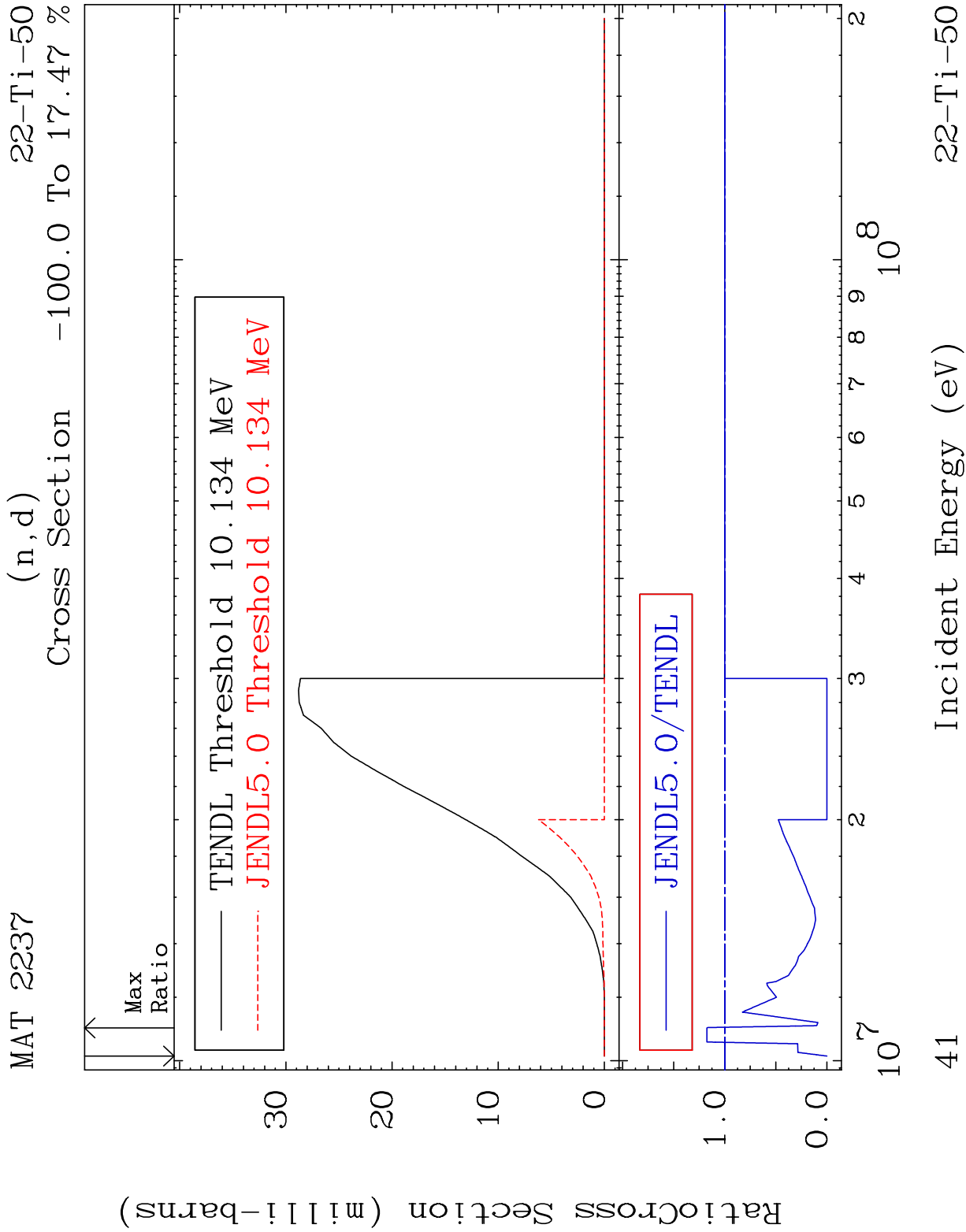
$$(n, p)$$

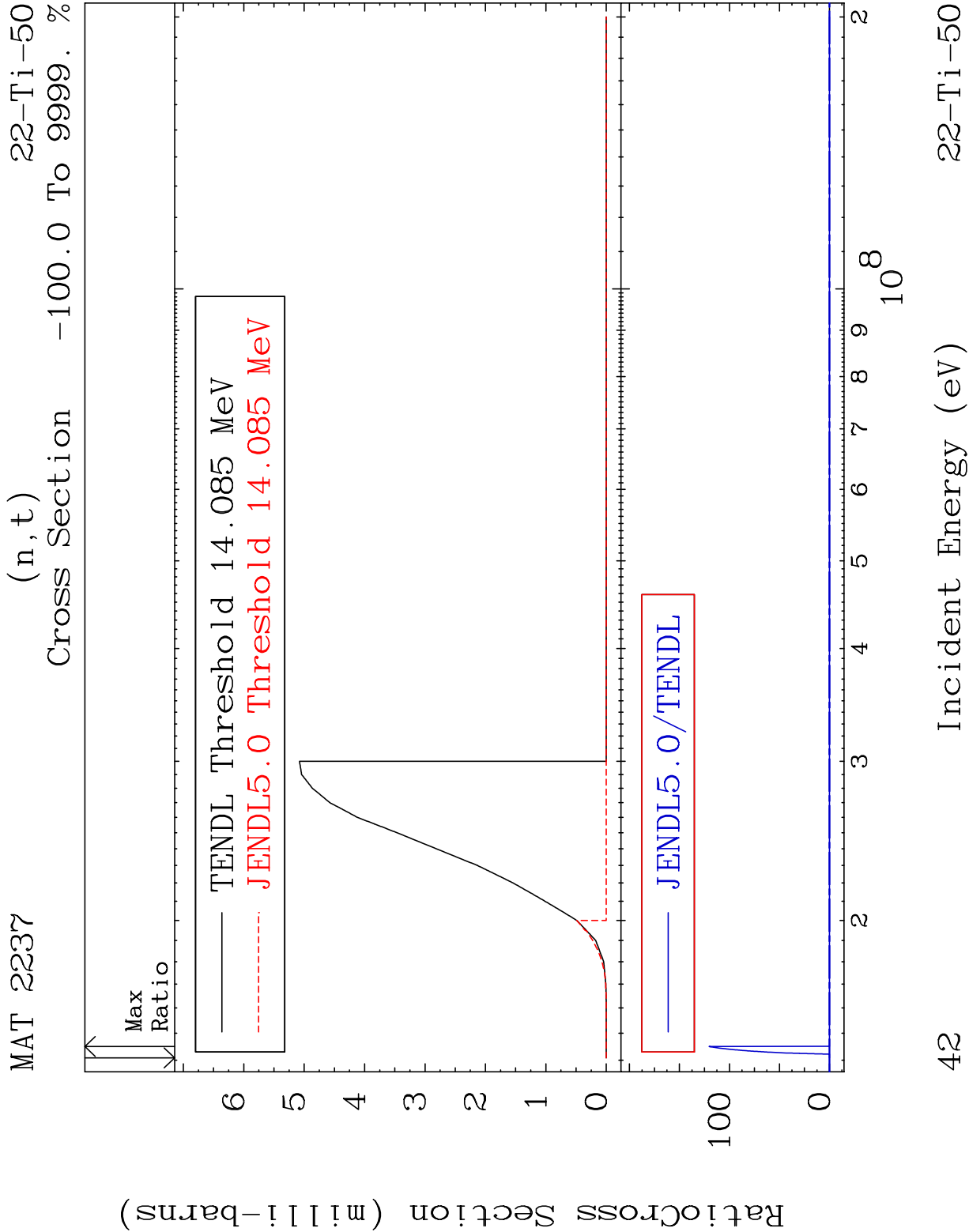
22-Ti-50

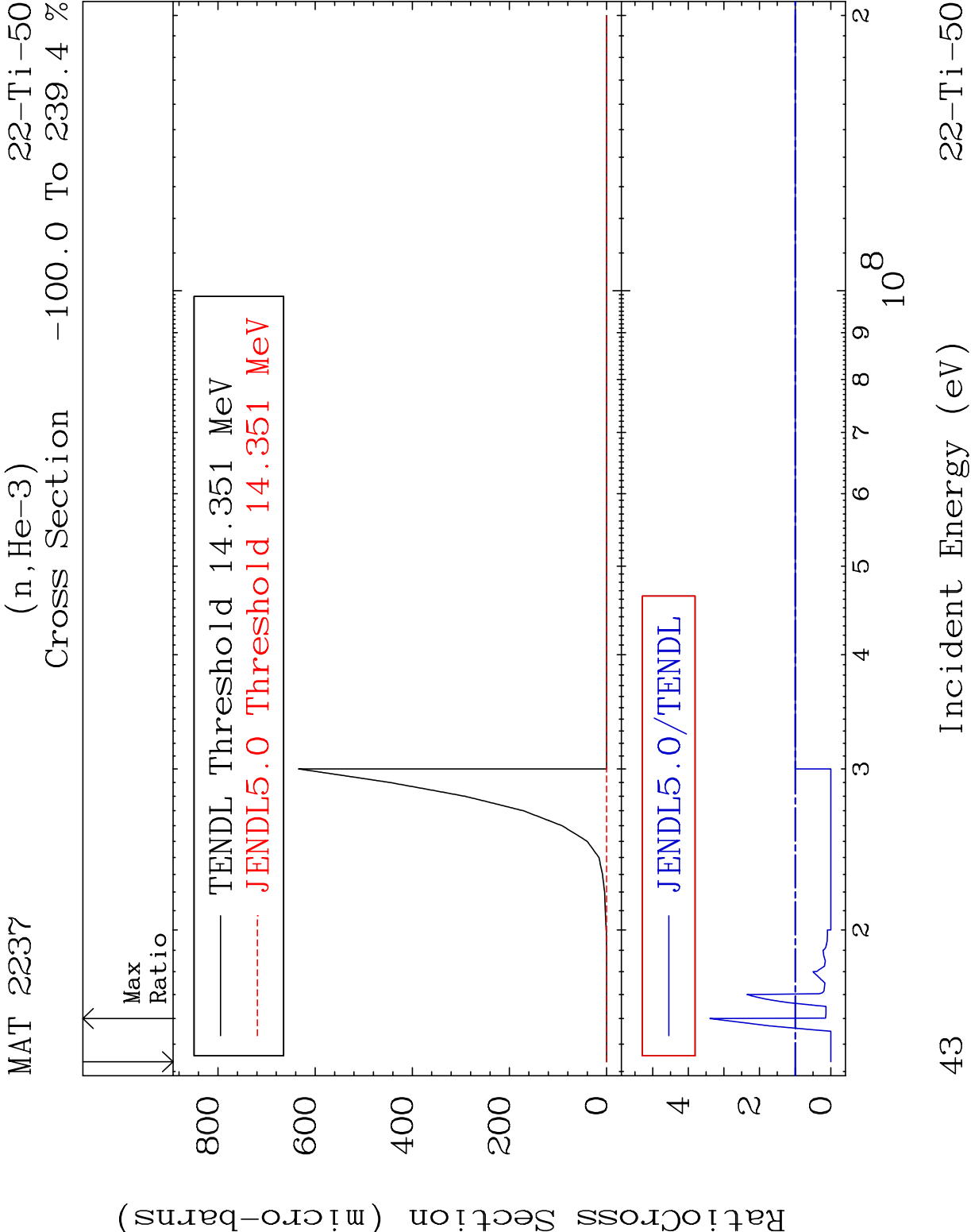
Cross Section

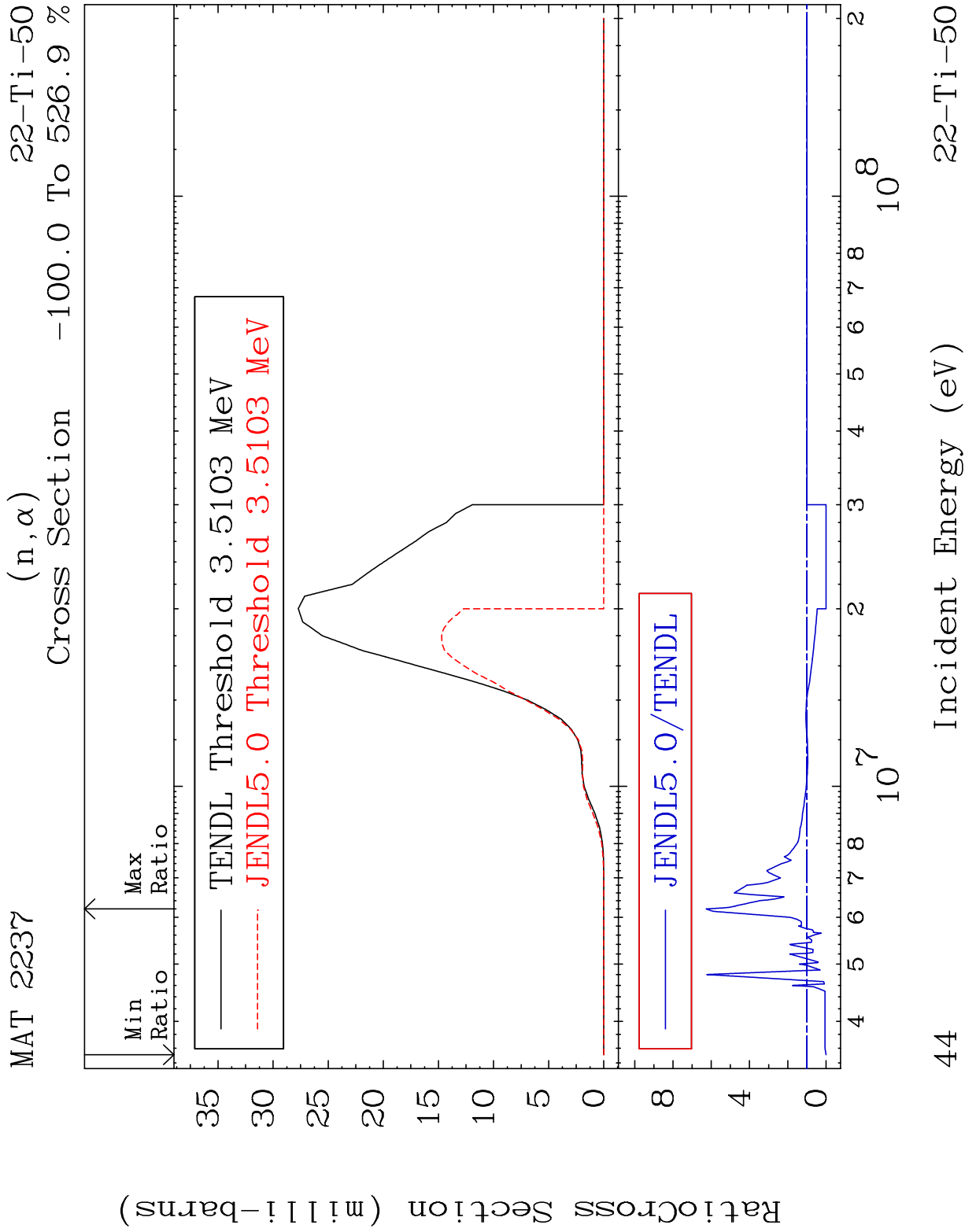
-100.0 To 9999. %

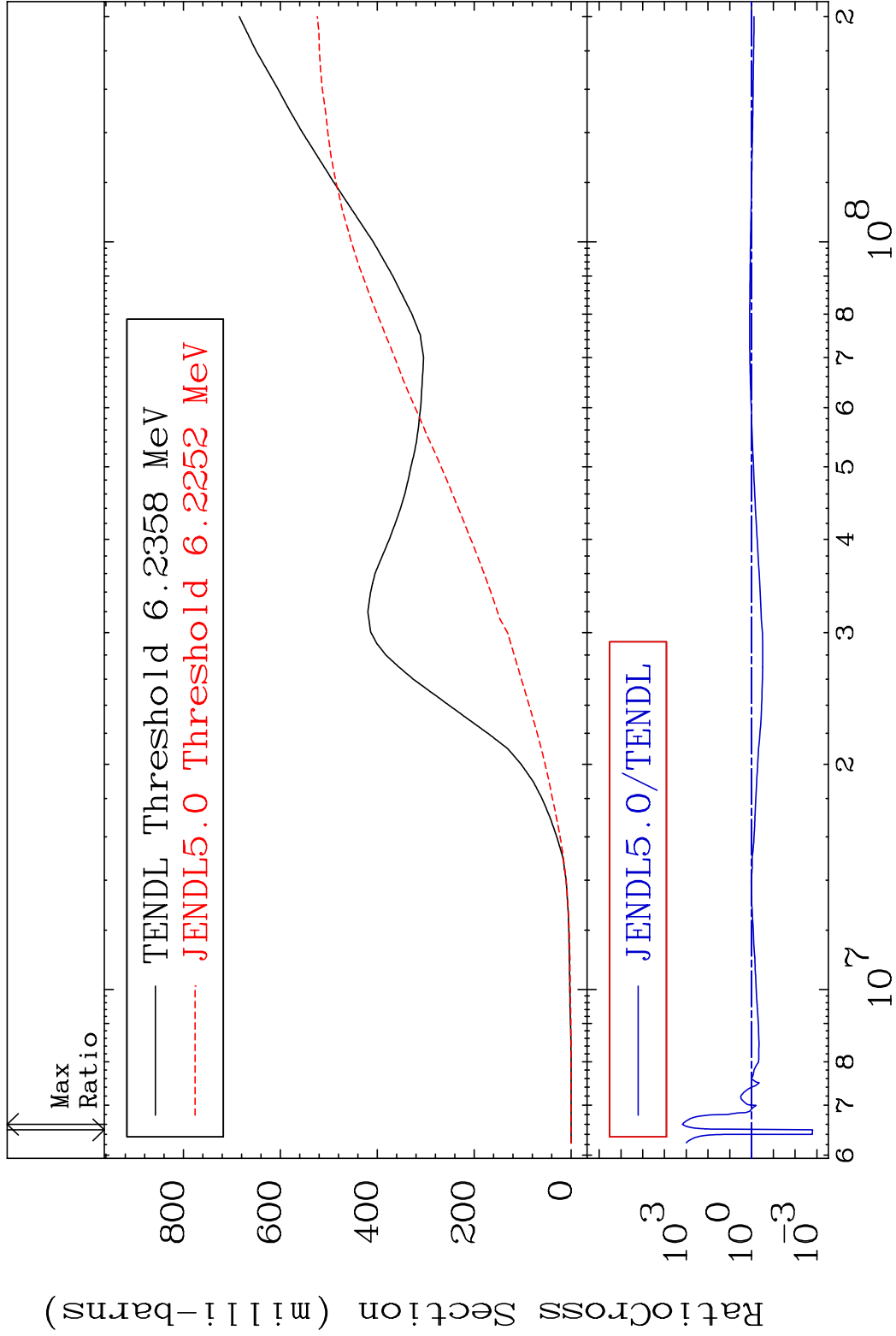


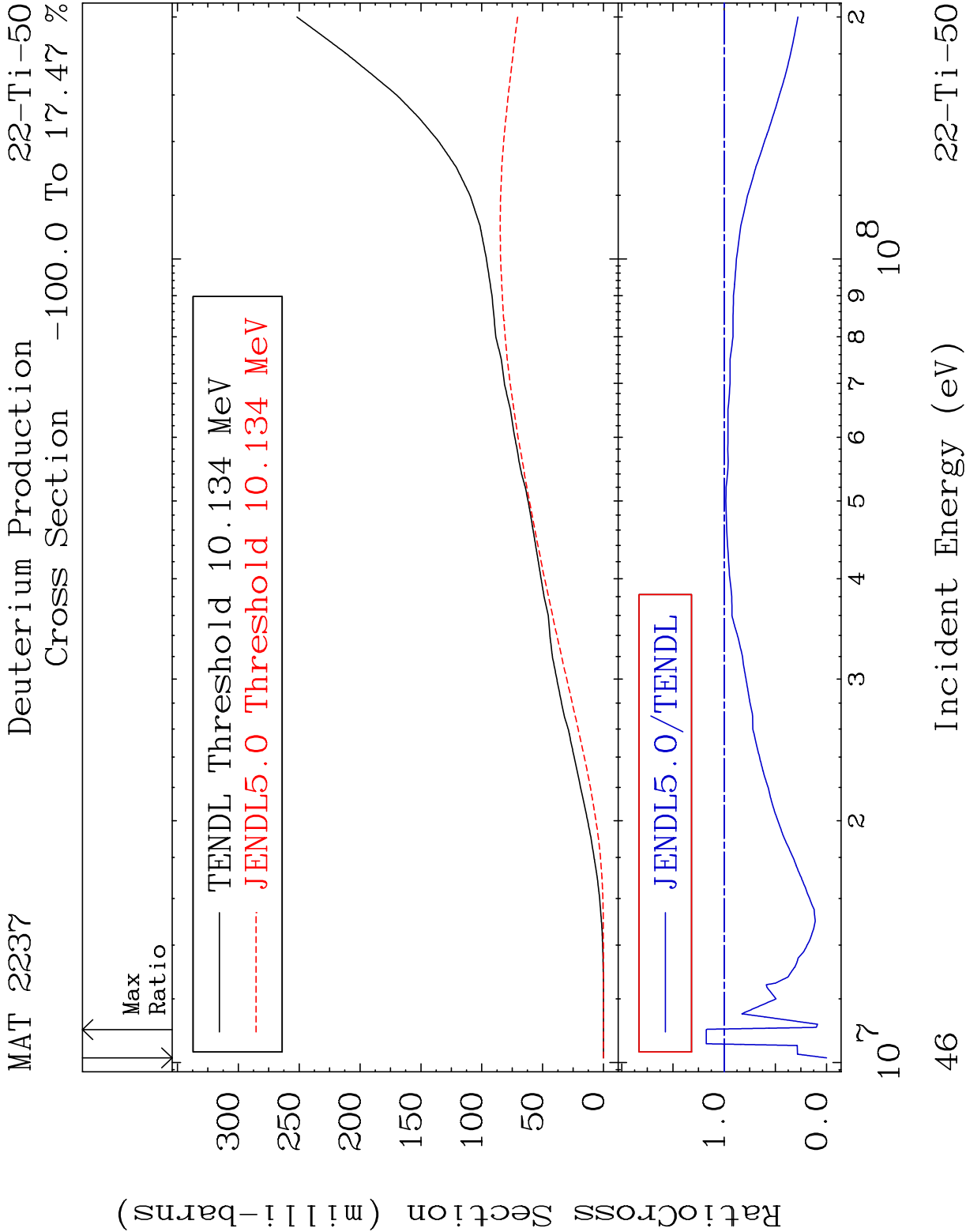


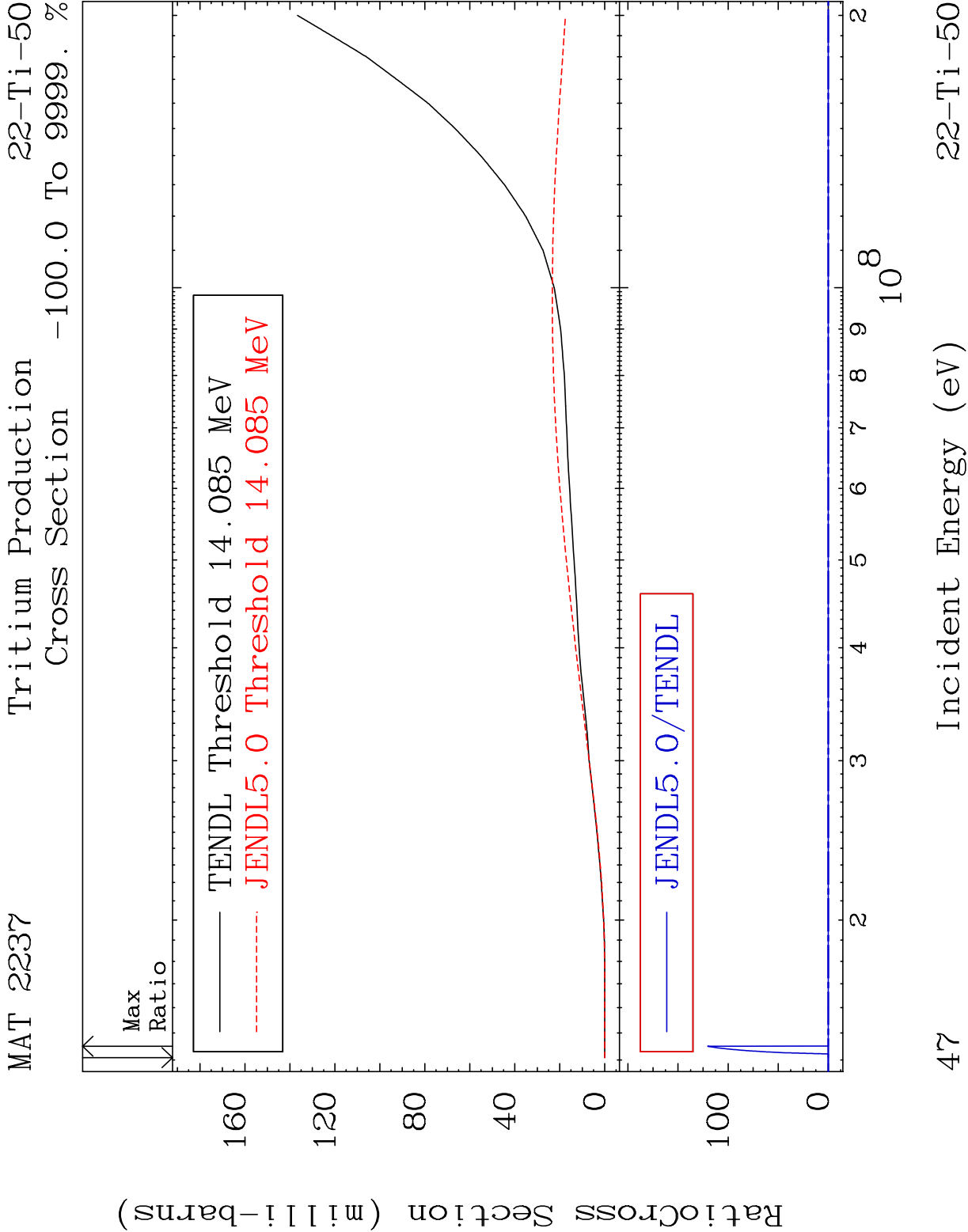


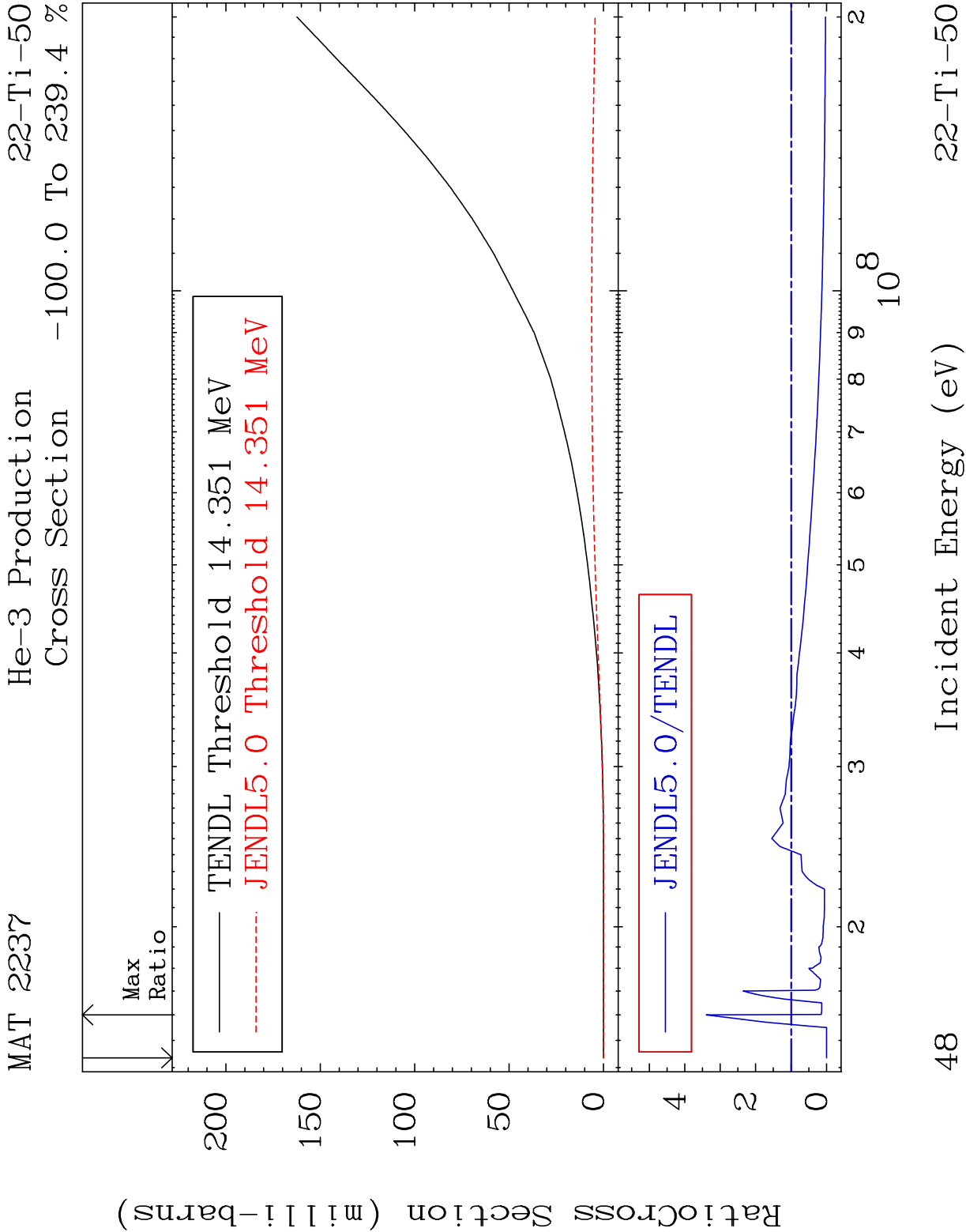


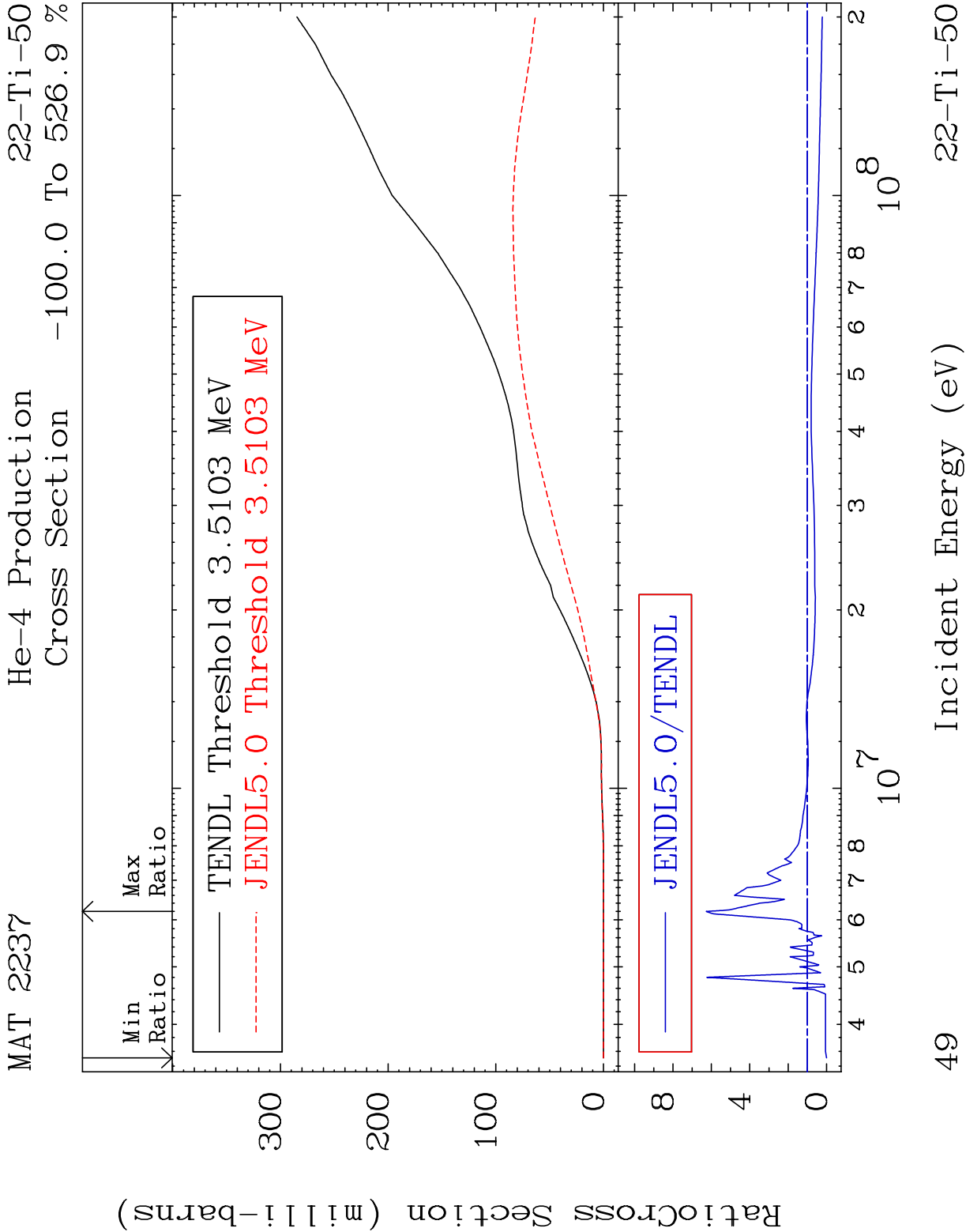


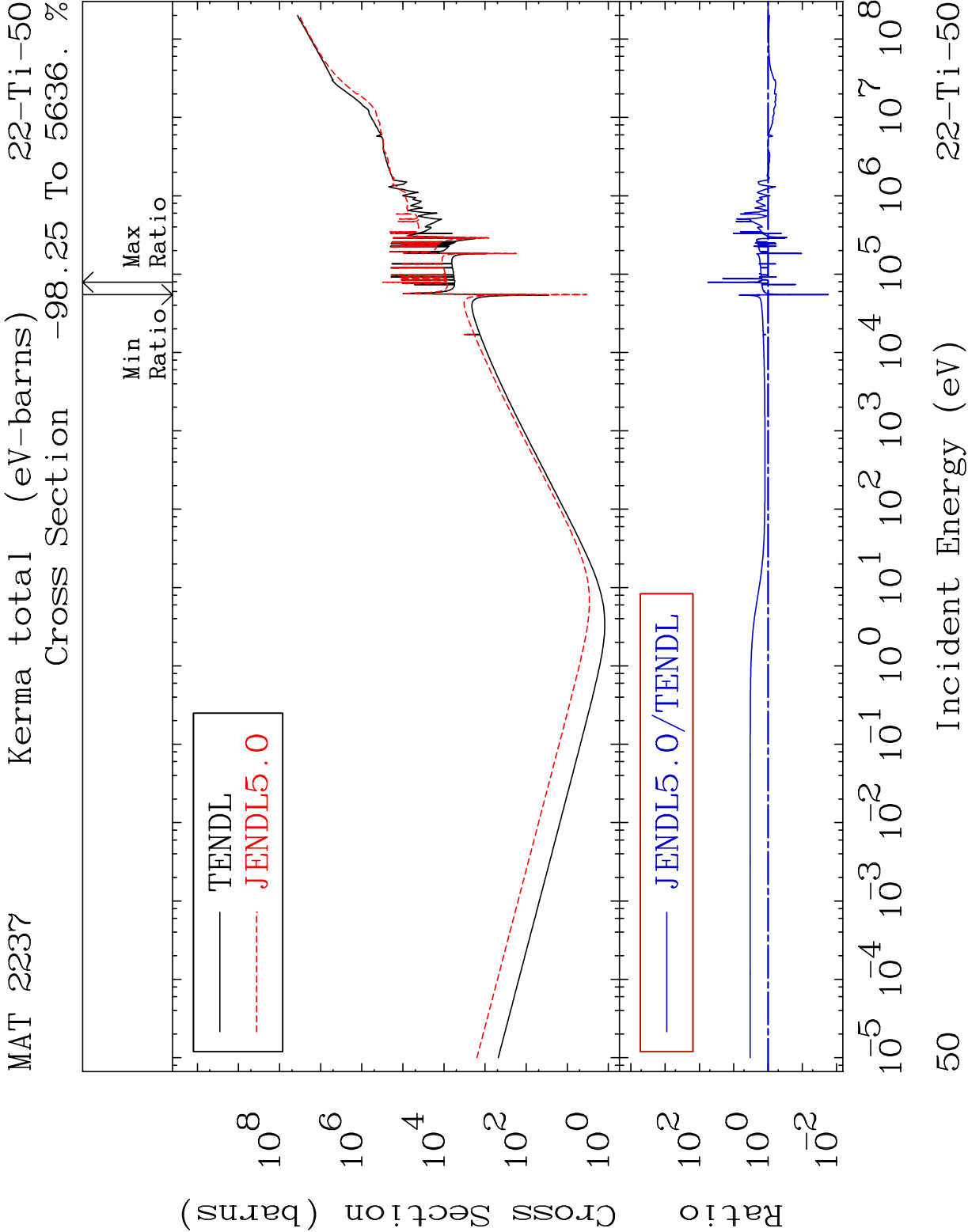




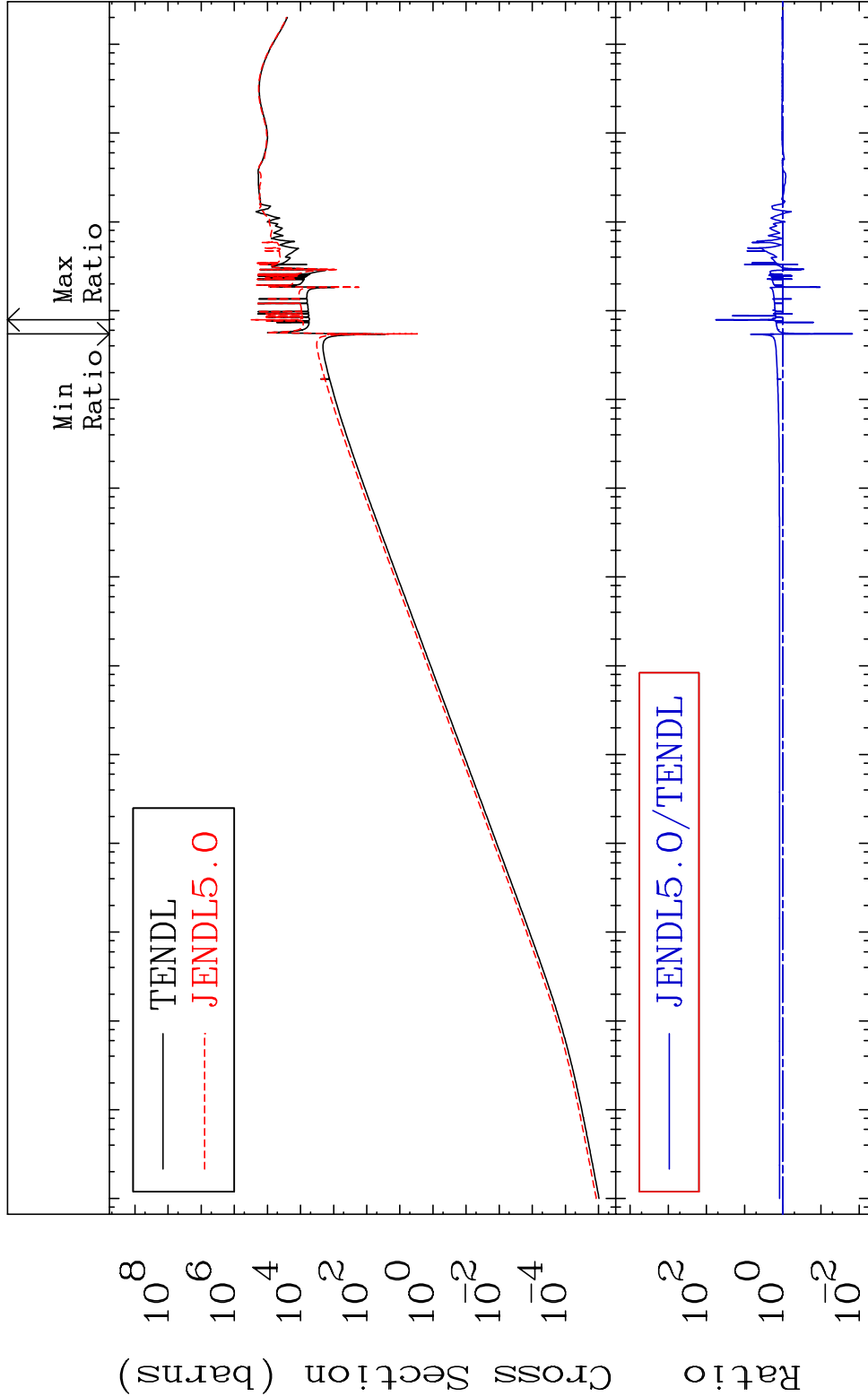






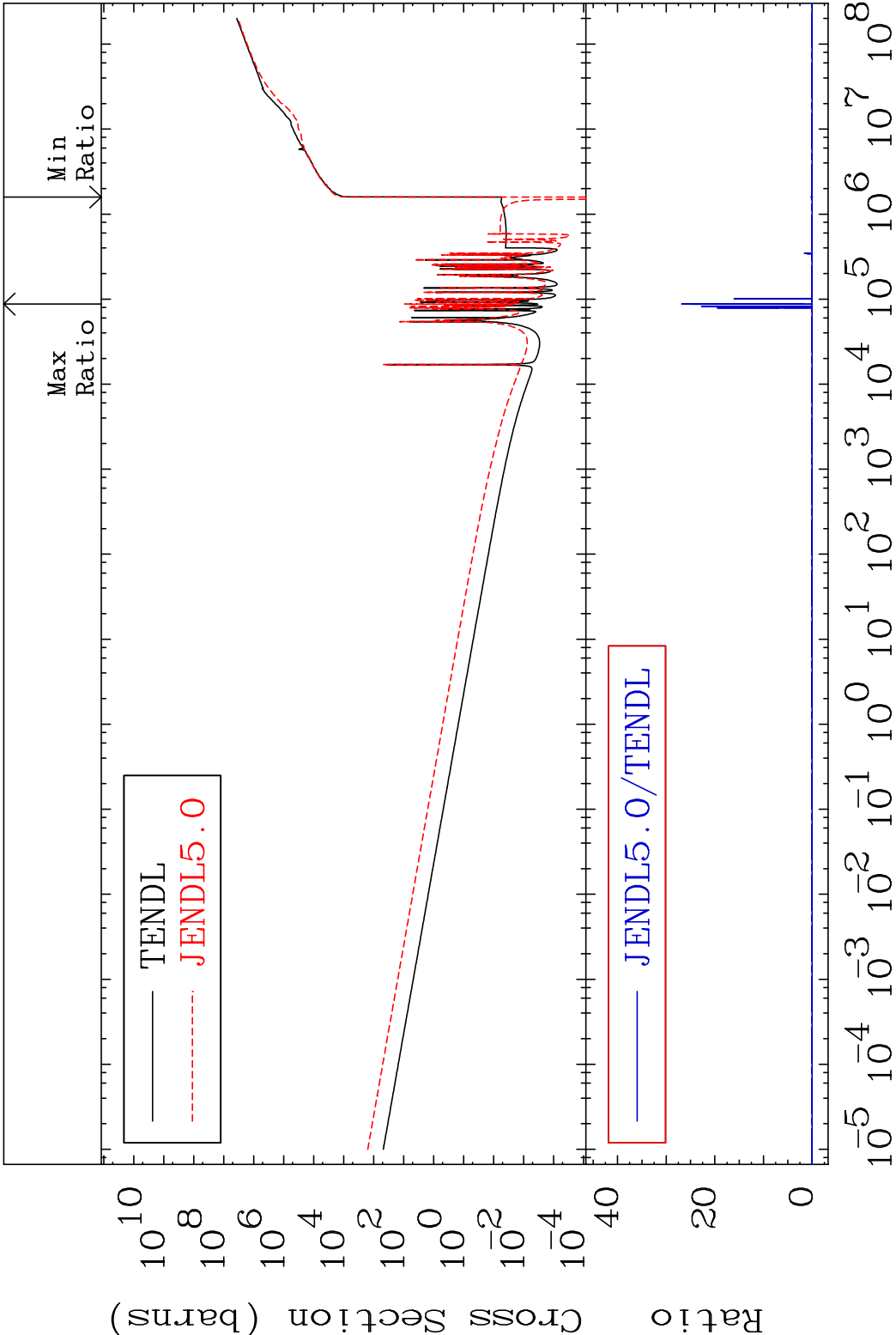


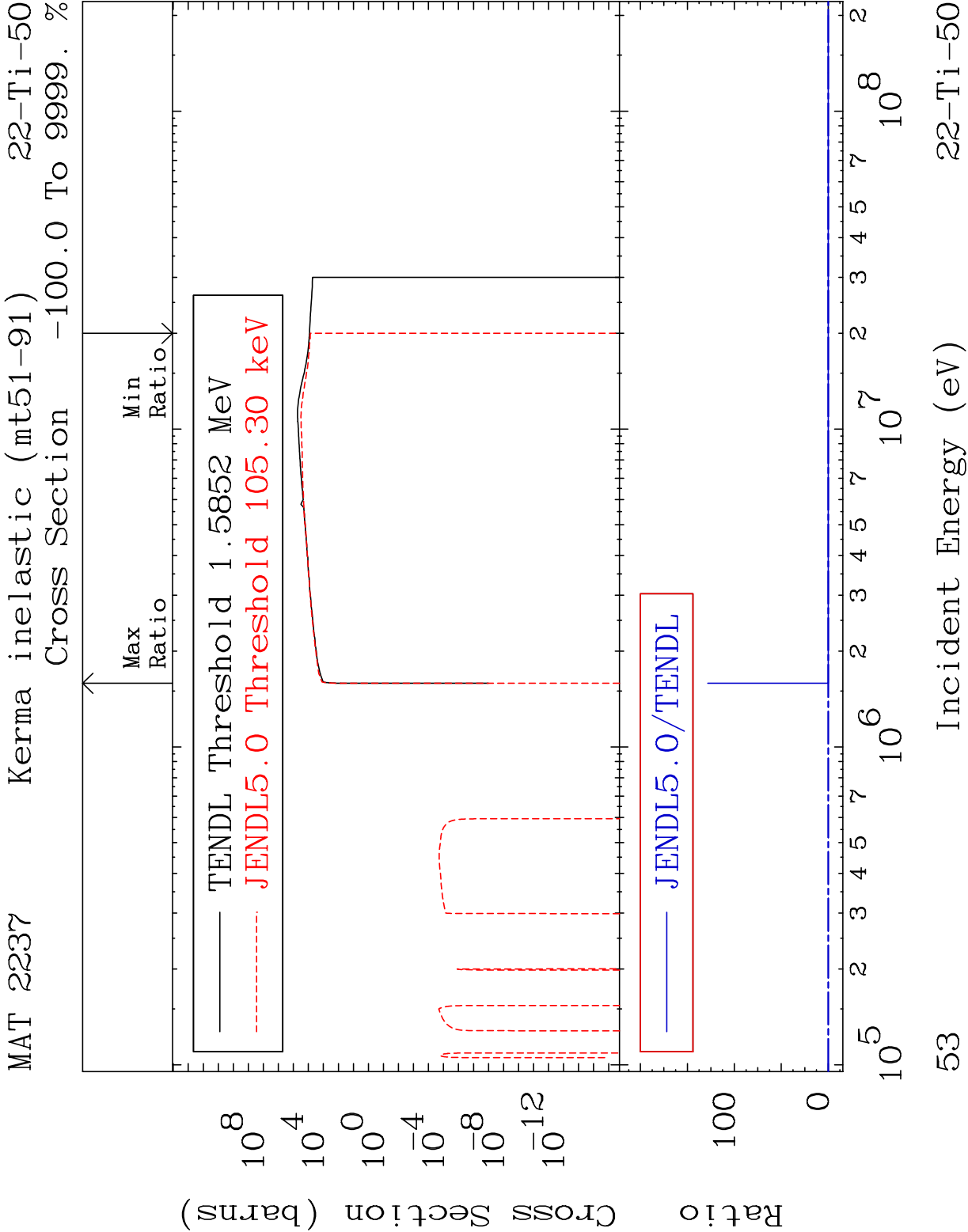
MAT 2237 Kerma elastic 22-Ti-50
Cross Section -98.48 To 5635. %



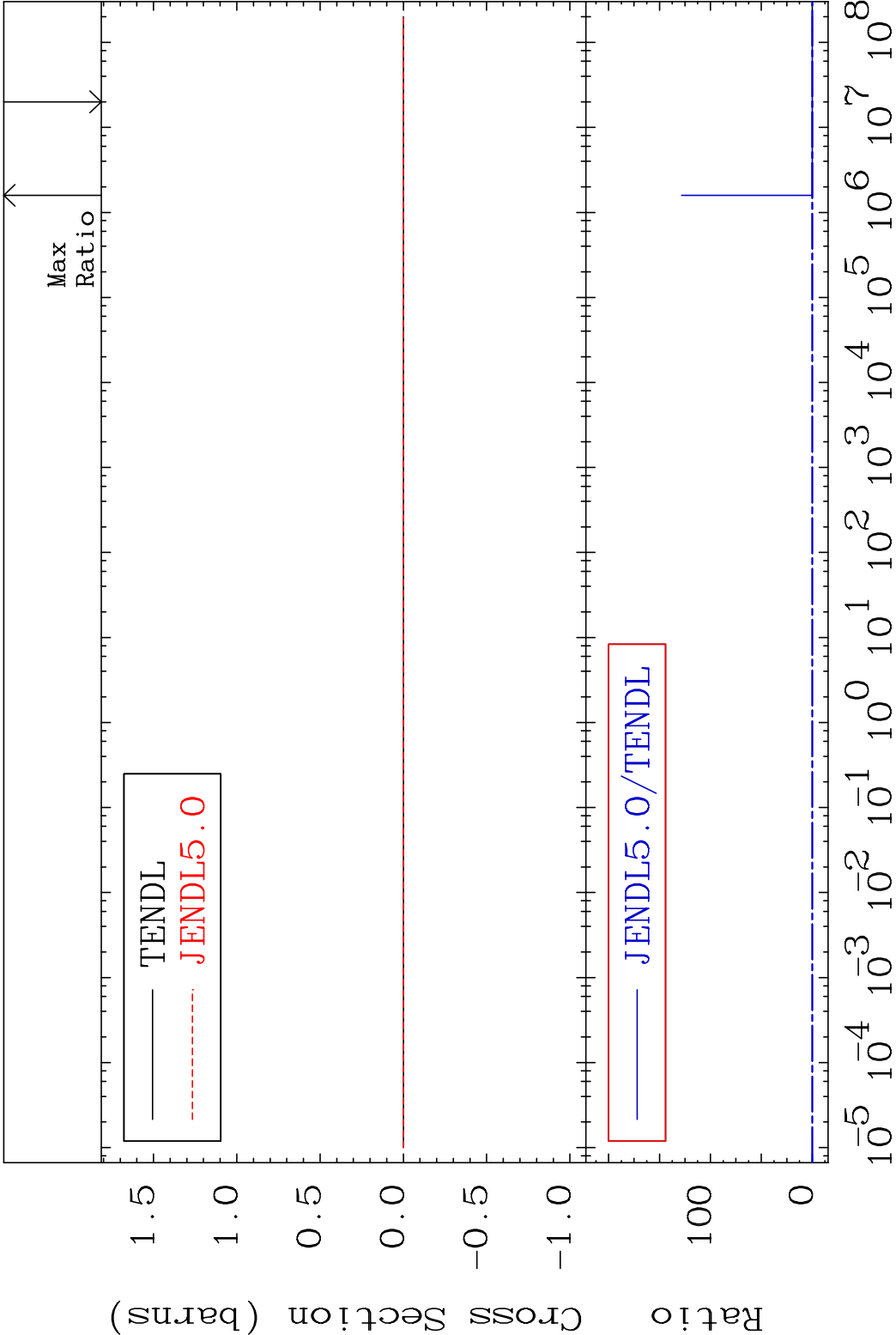
51 Incident Energy (eV) 22-Ti-50

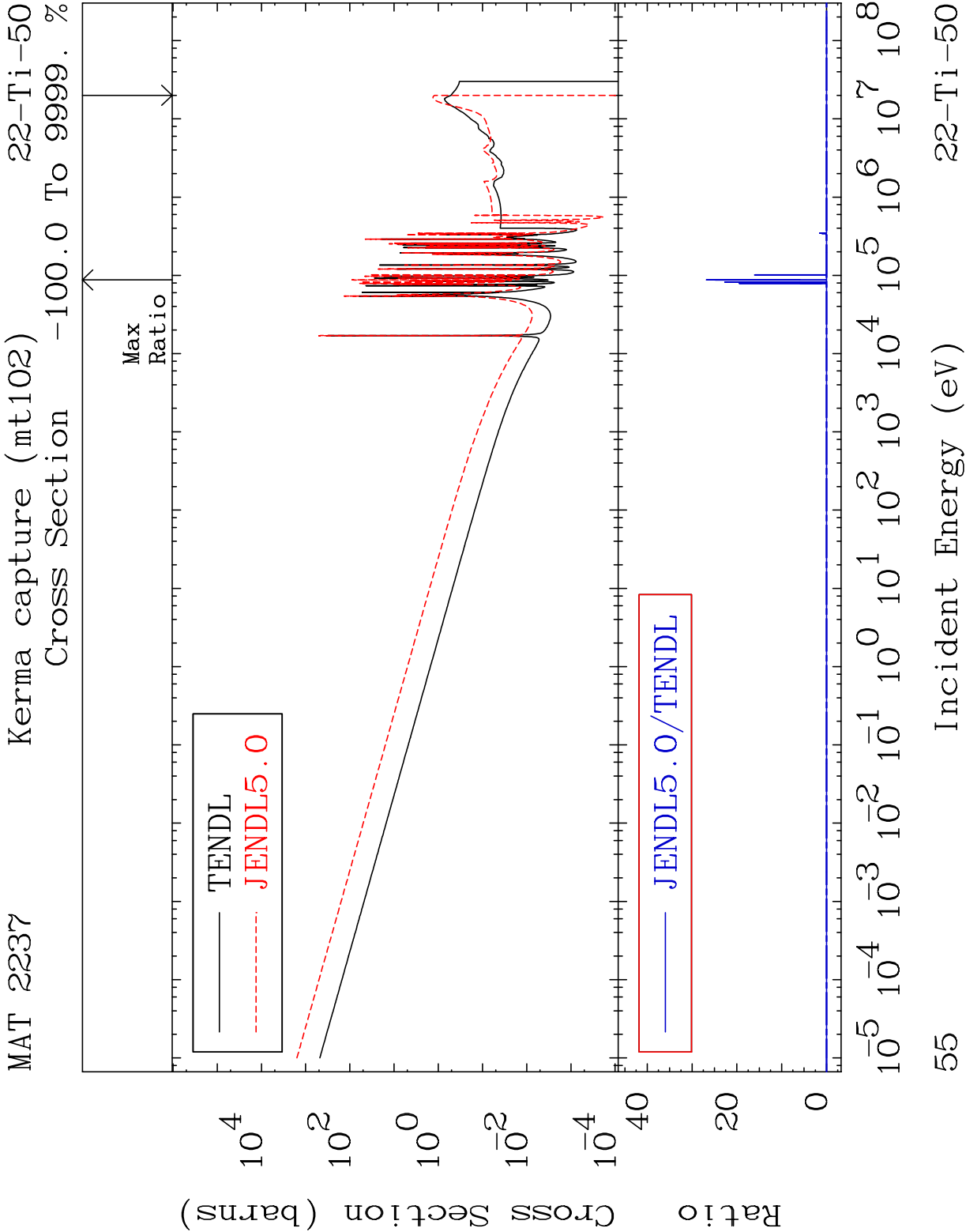
MAT 2237 Kerma non-elastic (all but mt2) 22-Ti-50
 Cross Section -1588. To 9999. %

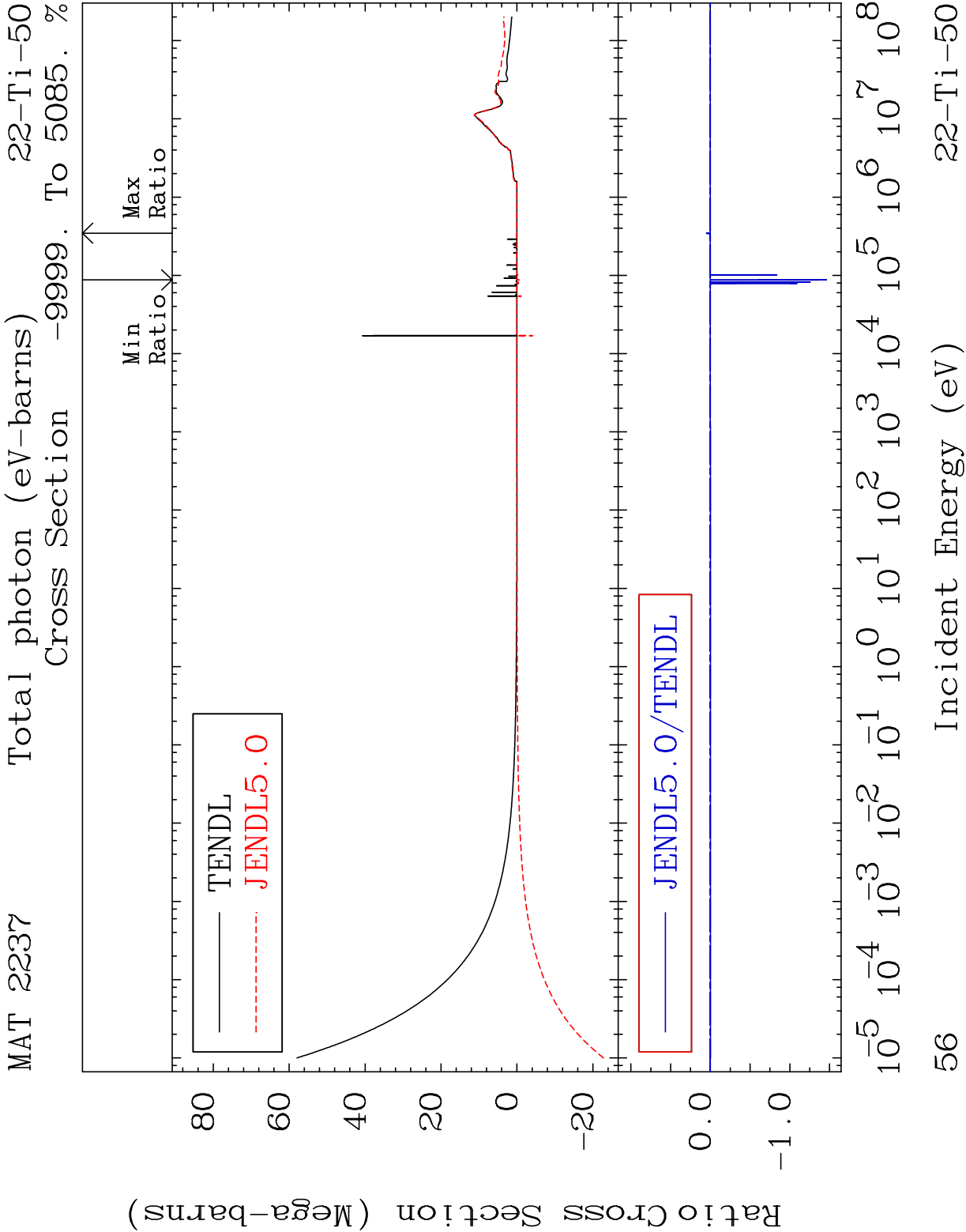




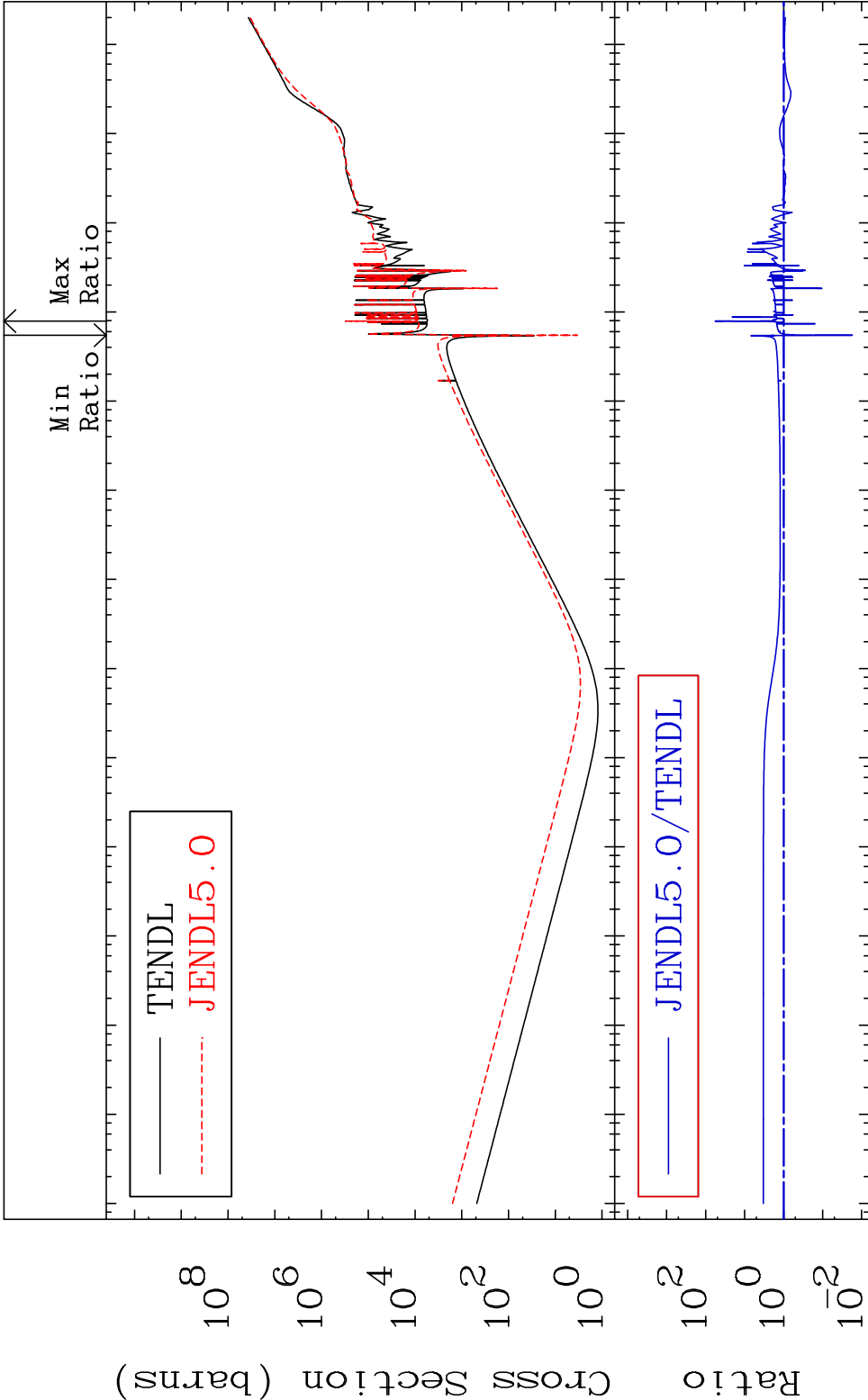
MAT 2237 Kerma fission (mt18 or mt19-20-21-38) 22-Ti-50
Cross Section -100.0 To 9999. %





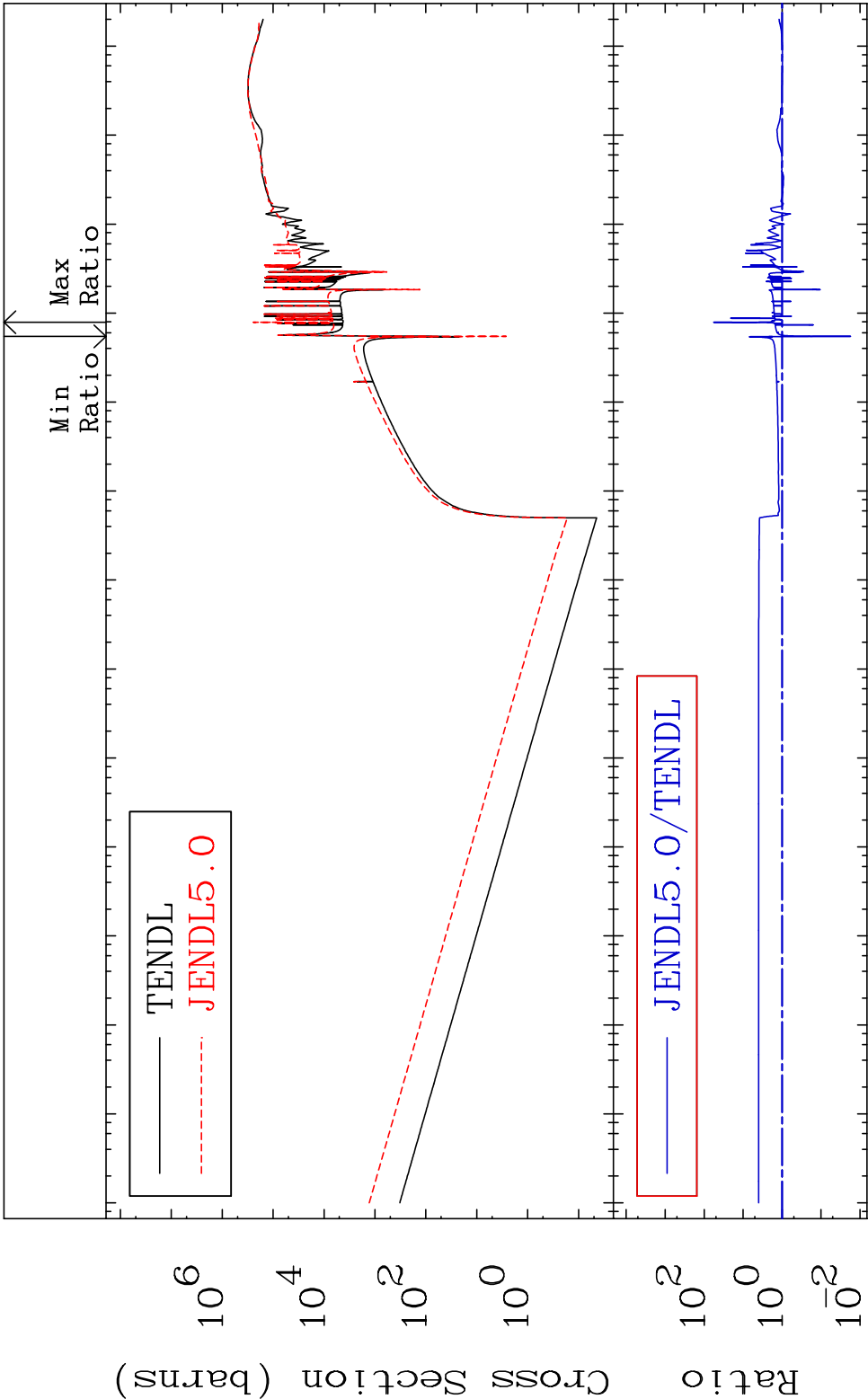


MAT 2237 Total kinematic kerma (high limit) 22-Ti-50
Cross Section -98.25 To 5636. %

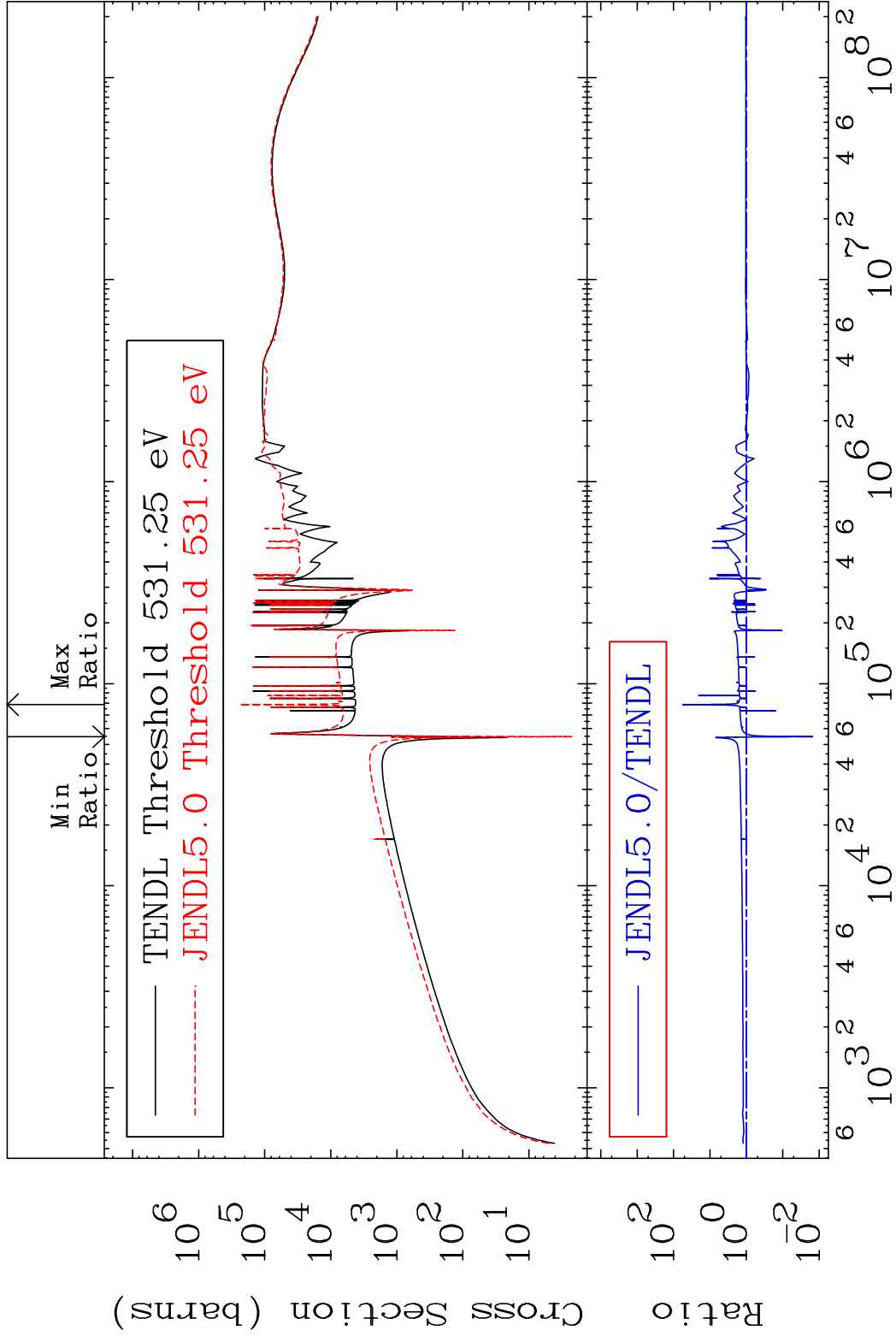


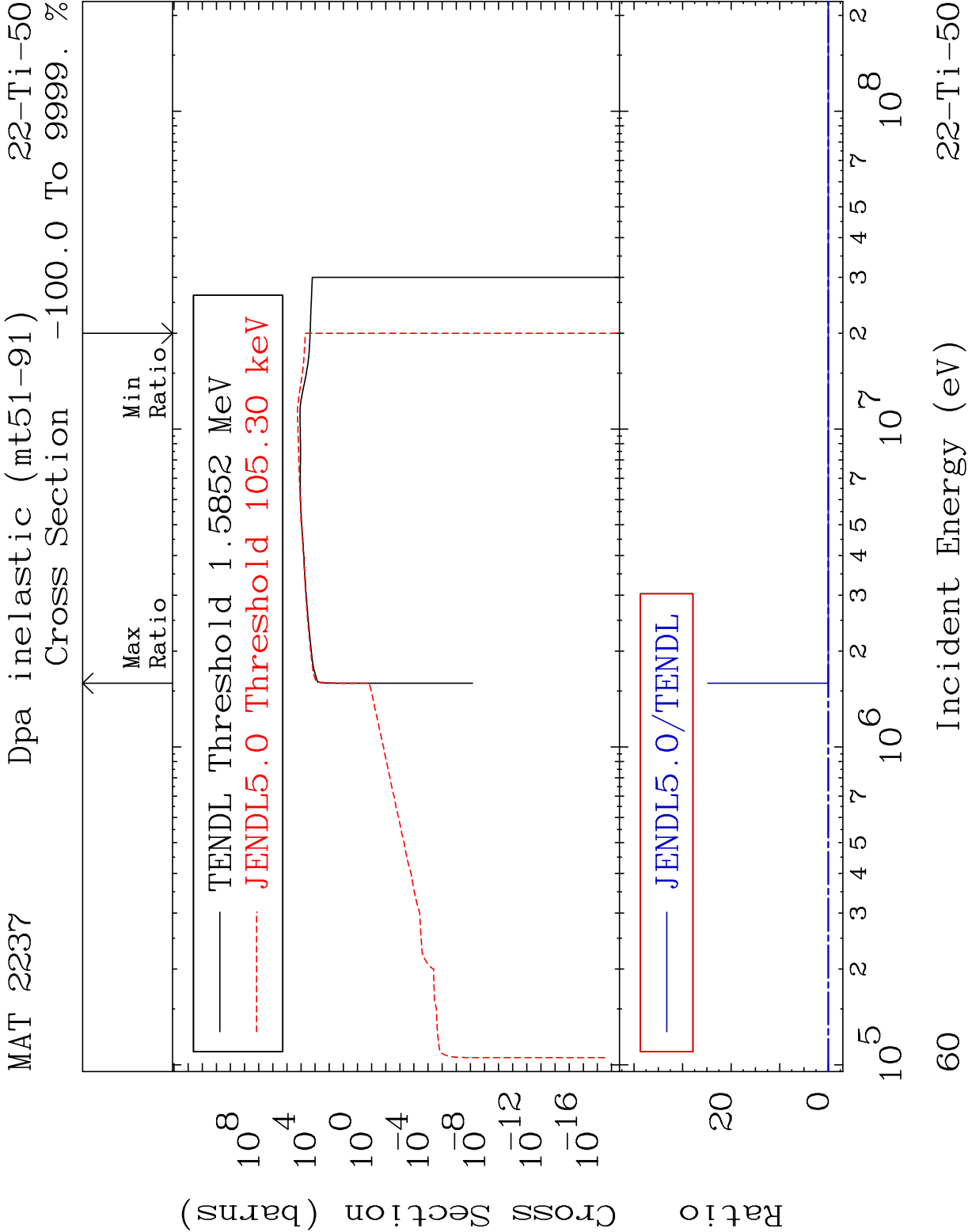
57 Incident Energy (eV) 22-Ti-50

MAT 2237 Dpa total (eV-barns) 22-Ti-50
Cross Section -98.24 To 5636. %

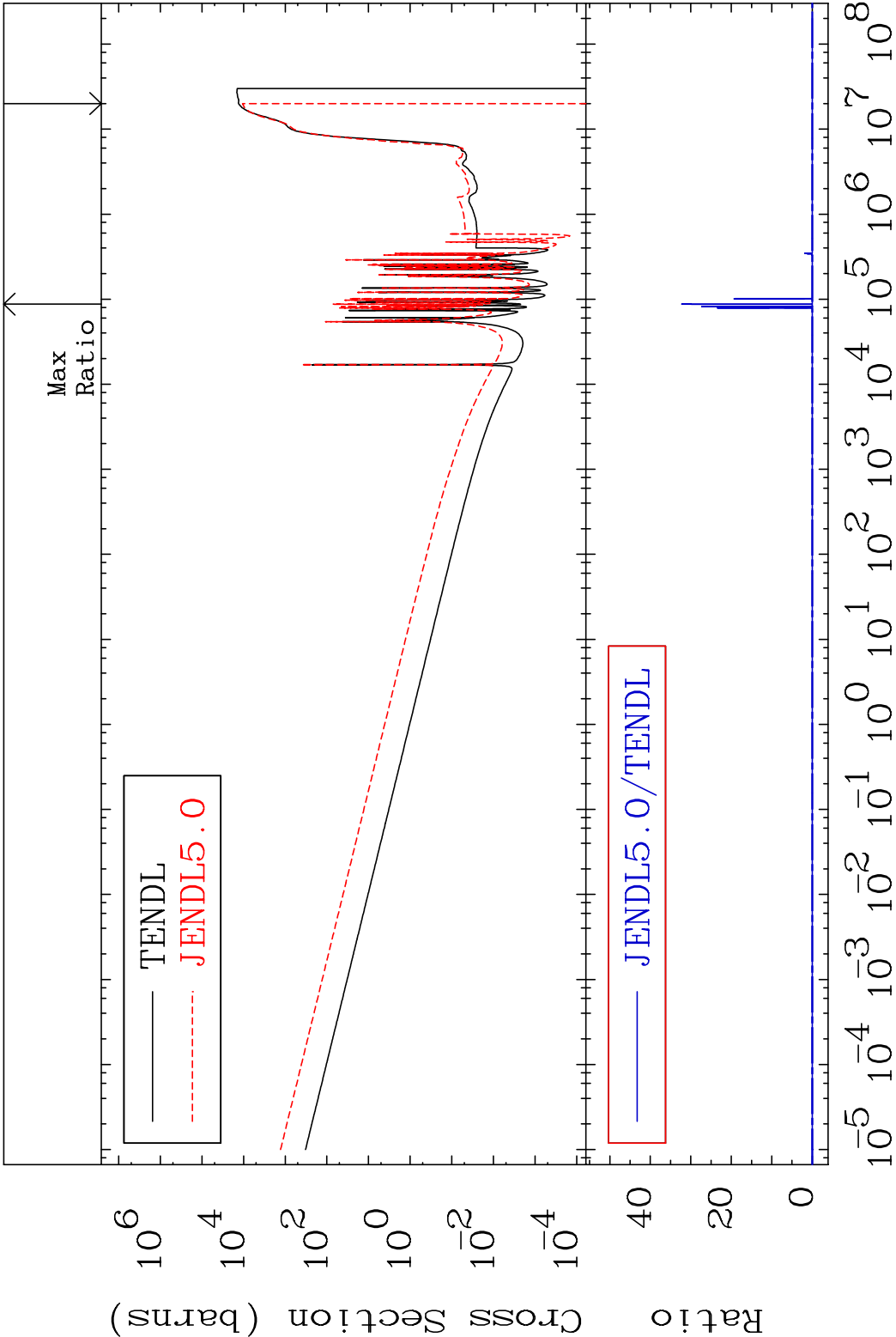


58 Incident Energy (eV) 22-Ti-50

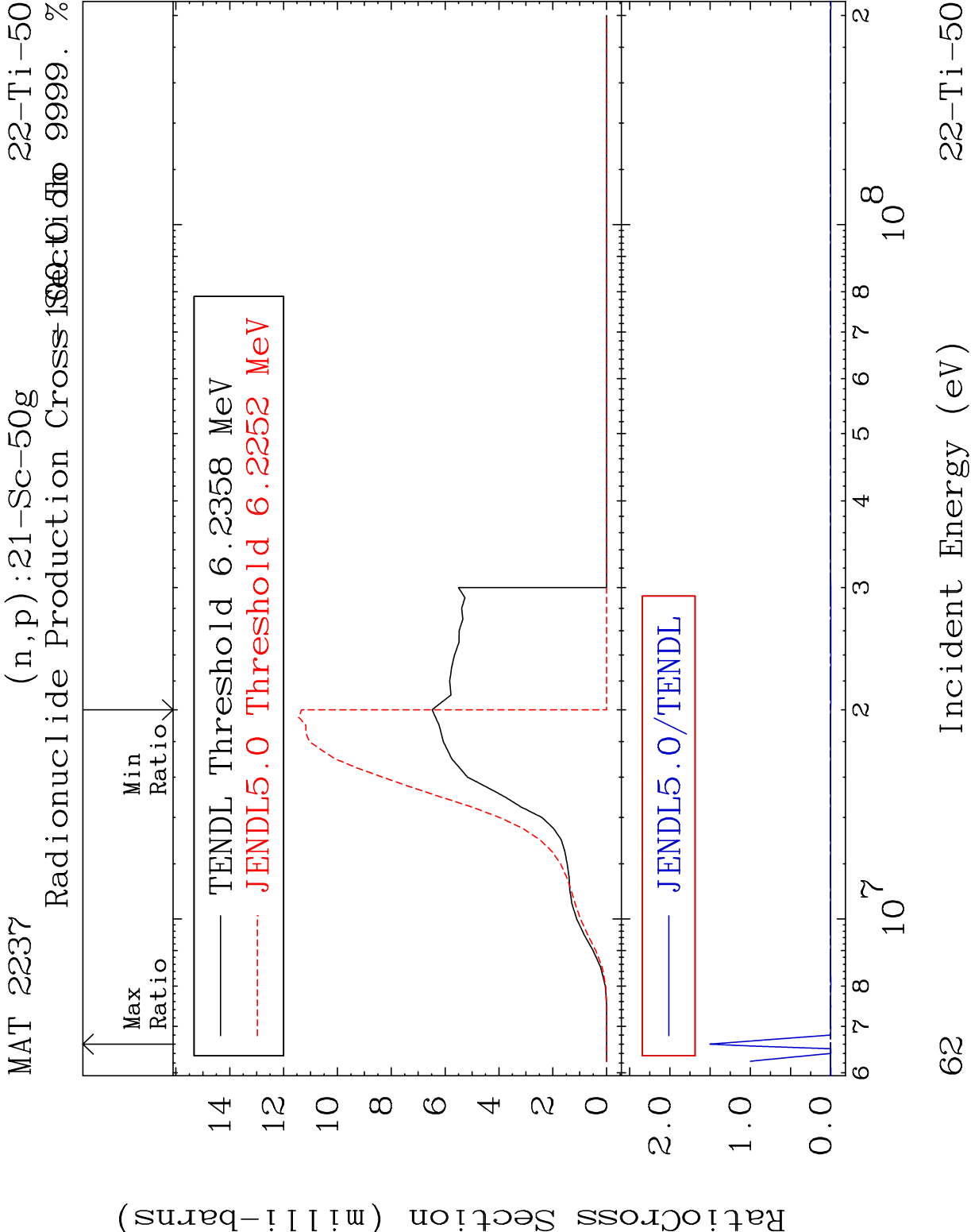


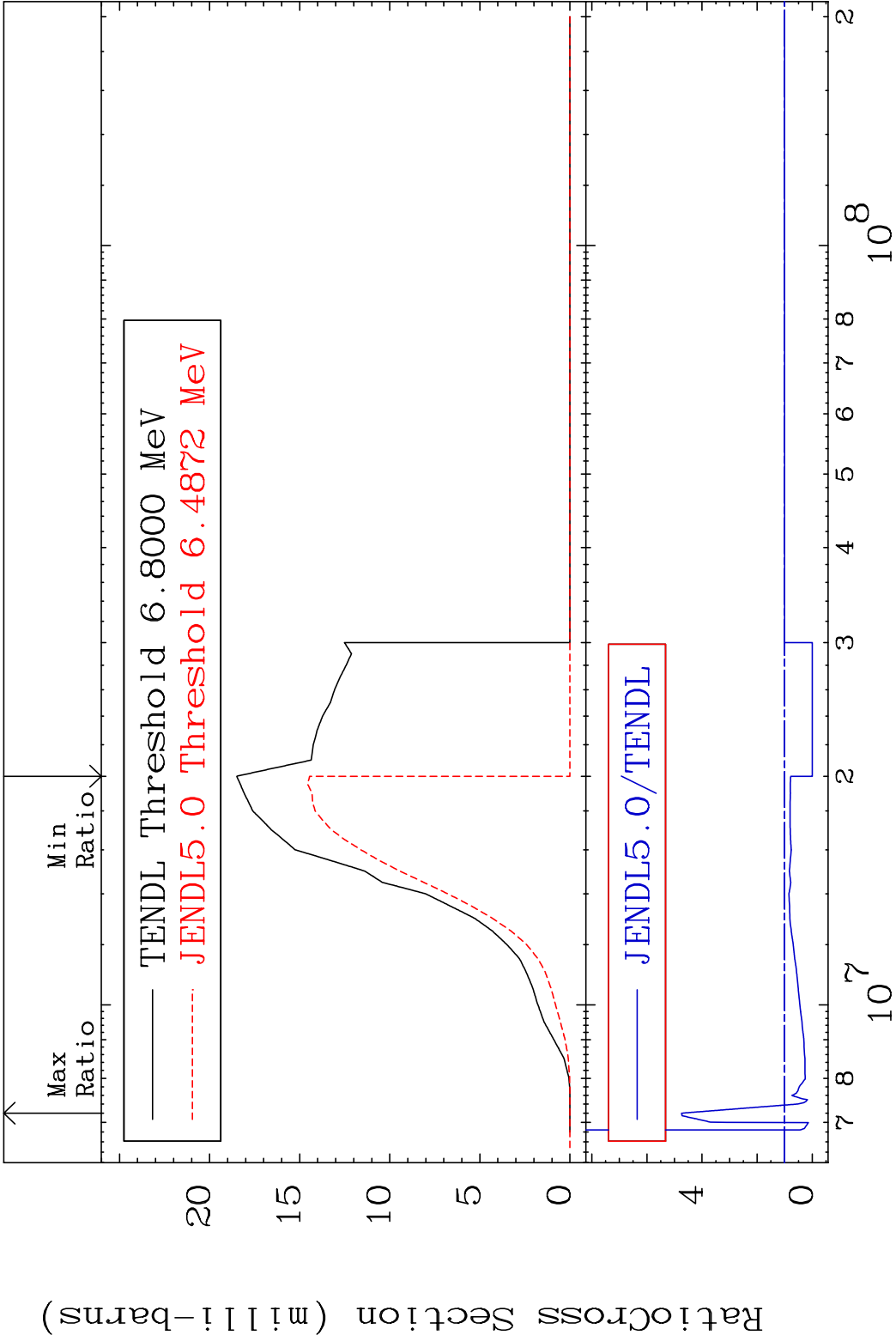


MAT 2237 Dpa disappearance (mt102 -120) 22-Ti-50
Cross Section -100.0 To 9999. %



61 Incident Energy (eV) 22-Ti-50





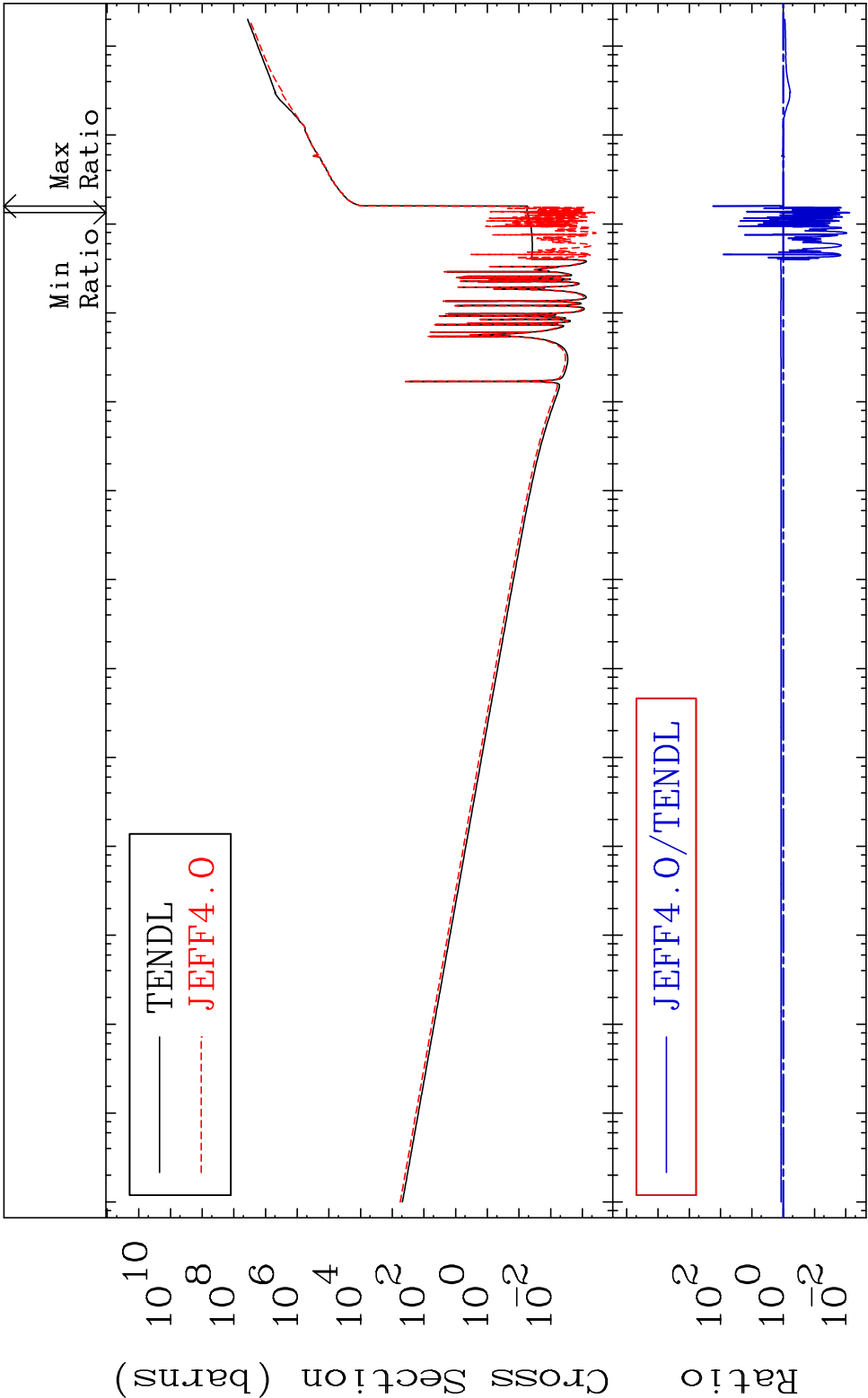
MAT 2237

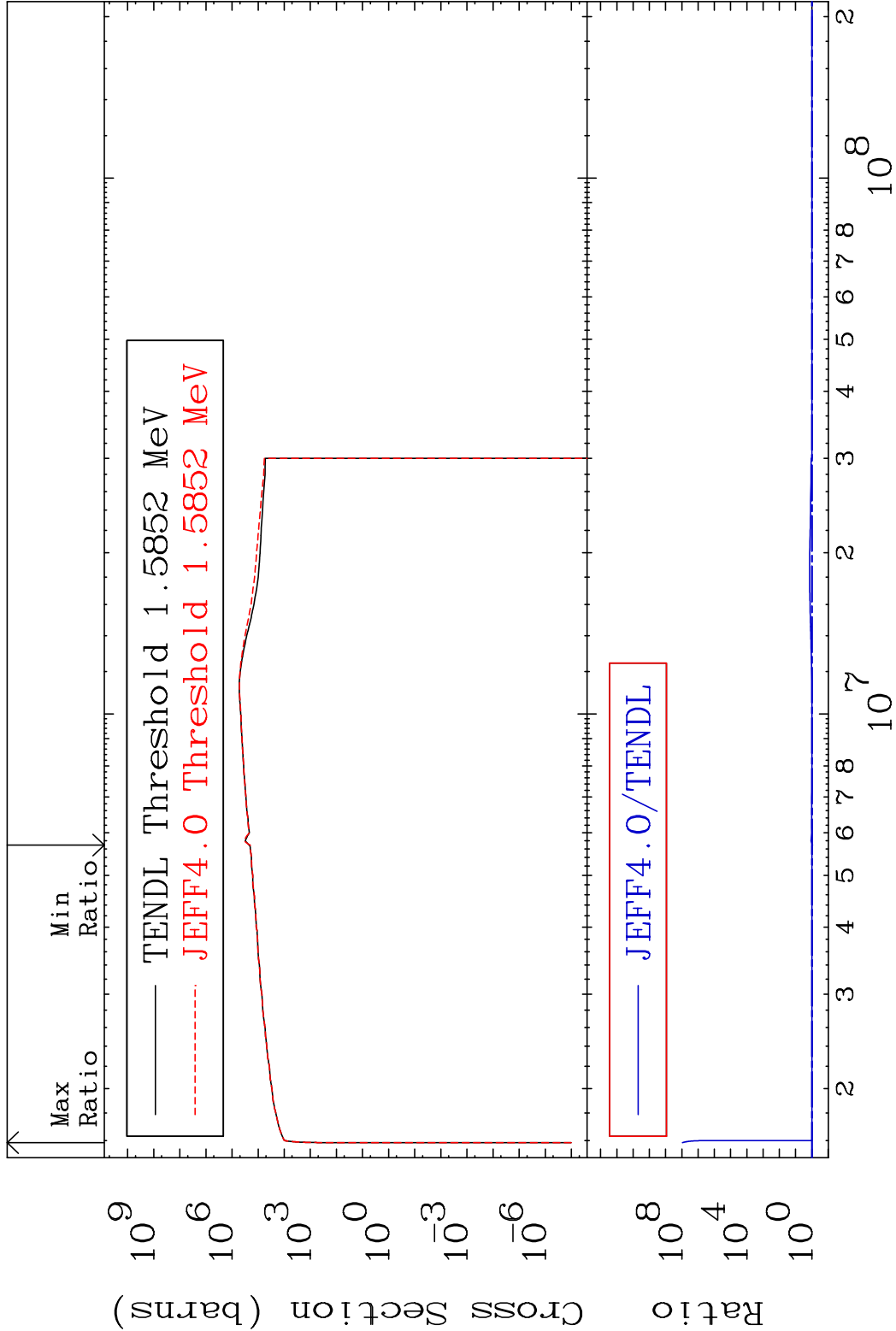
Kerma non-elastic (all but mt2)

22-Ti-50

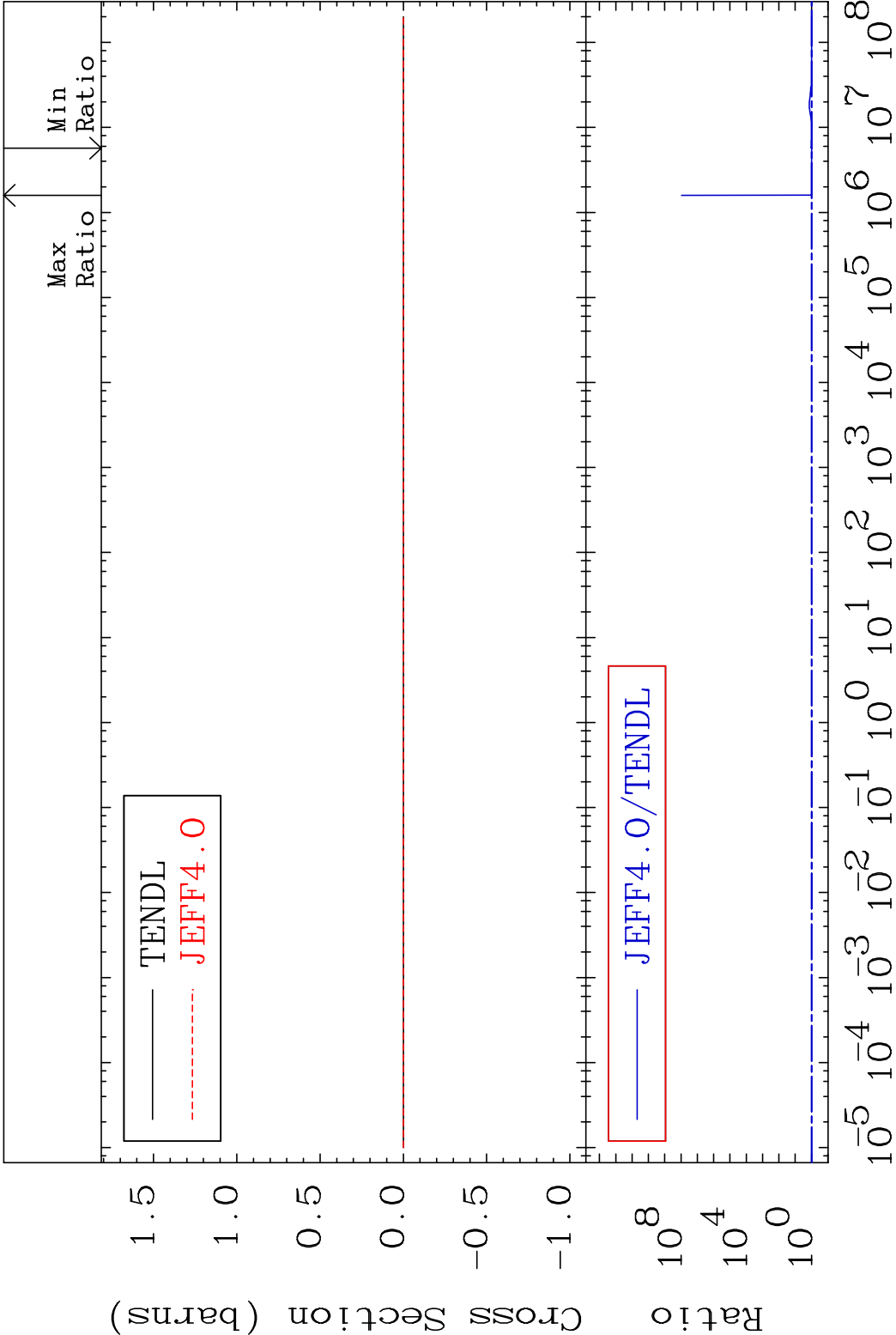
Cross Section

-99.24 To 9999. %





MAT 2237 Kerma fission (mt18 or mt19-20-21-38) 22-Ti-50
Cross Section -9.423 To 9999. %



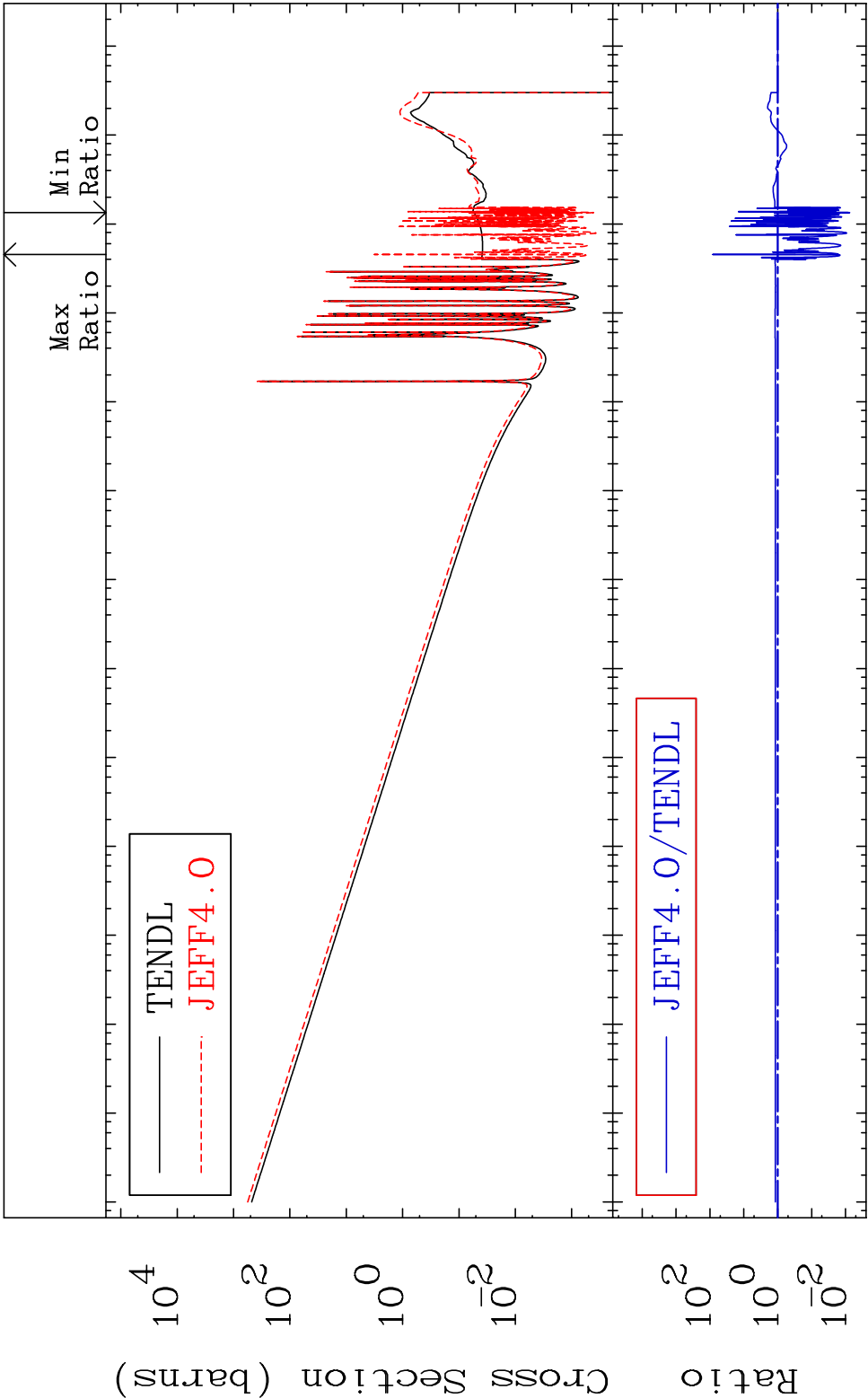
MAT 2237

Kerma capture (mt102)

22-Ti-50

Cross Section

-99.24 To 8133. %

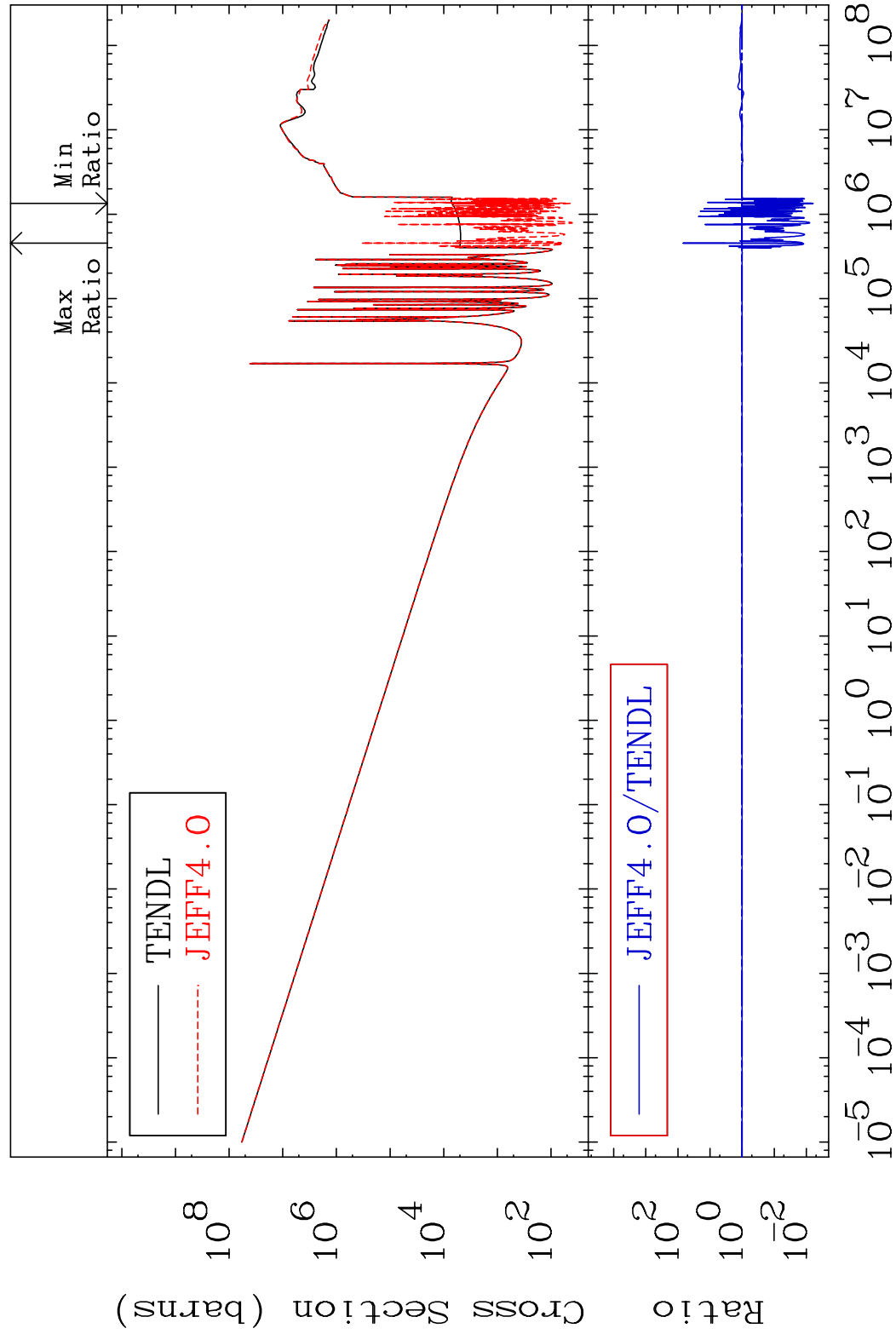


67

Incident Energy (eV)

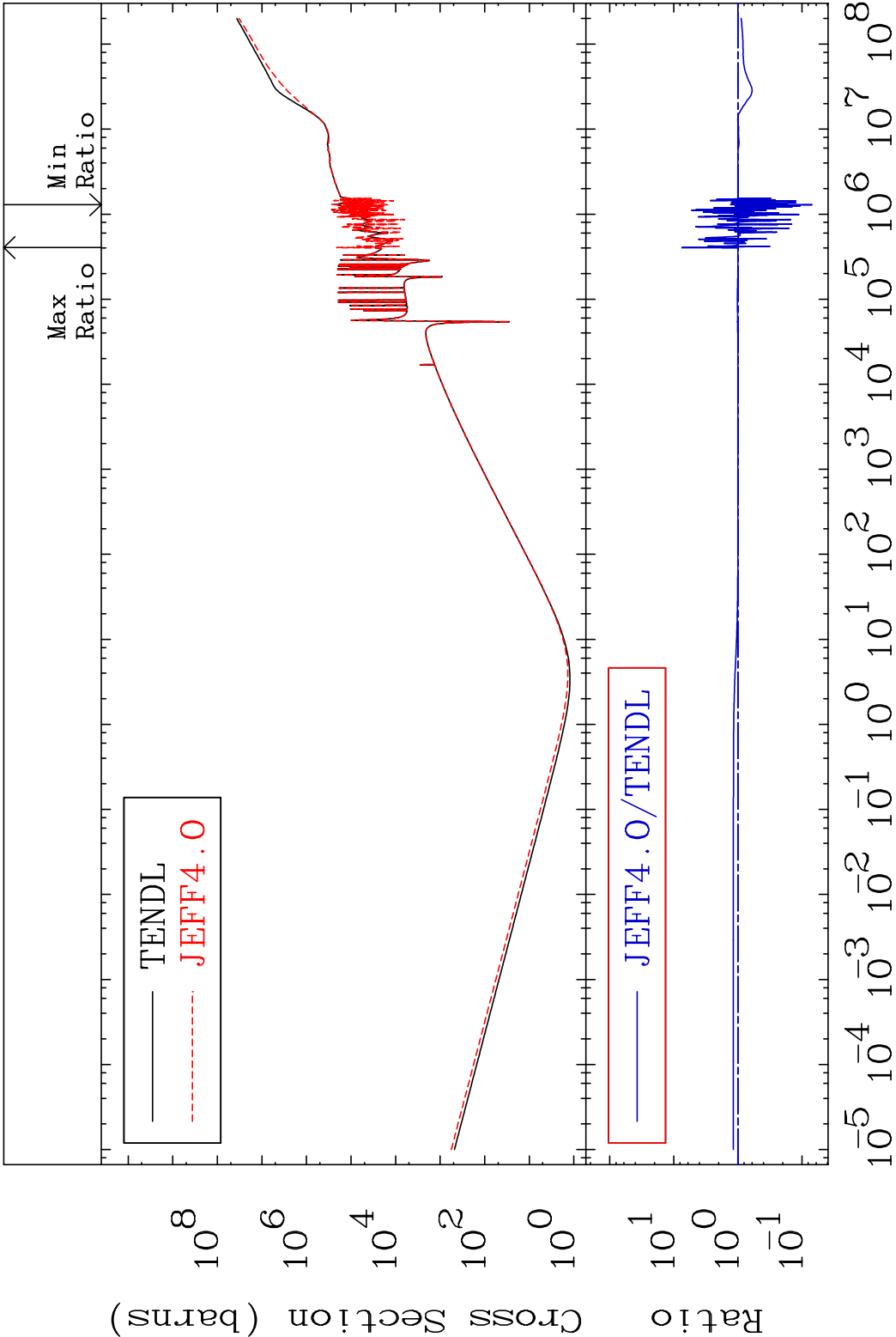
22-Ti-50

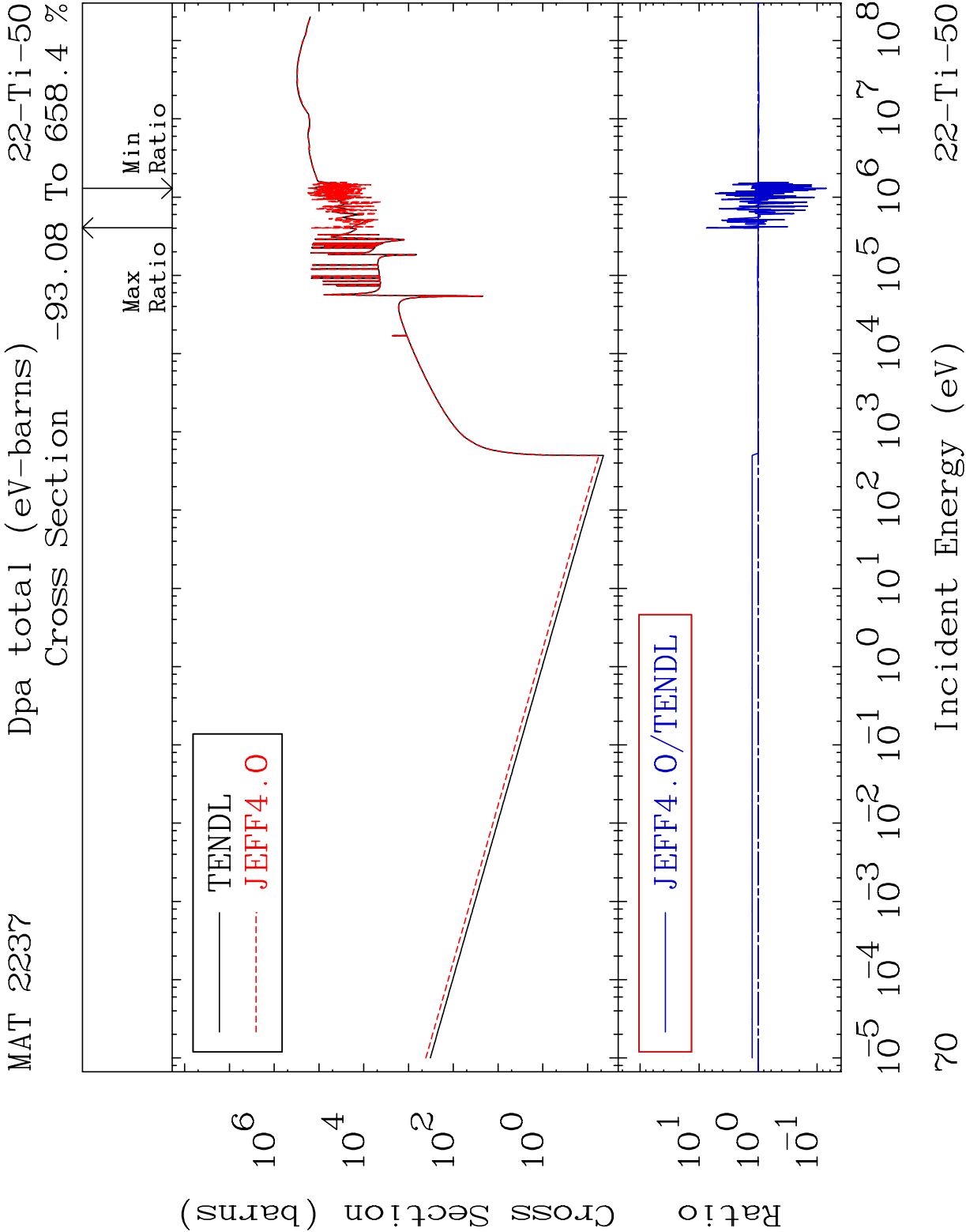
MAT 2237 Total photon (eV-barns) 22-Ti-50
Cross Section -99.37 To 6766. %



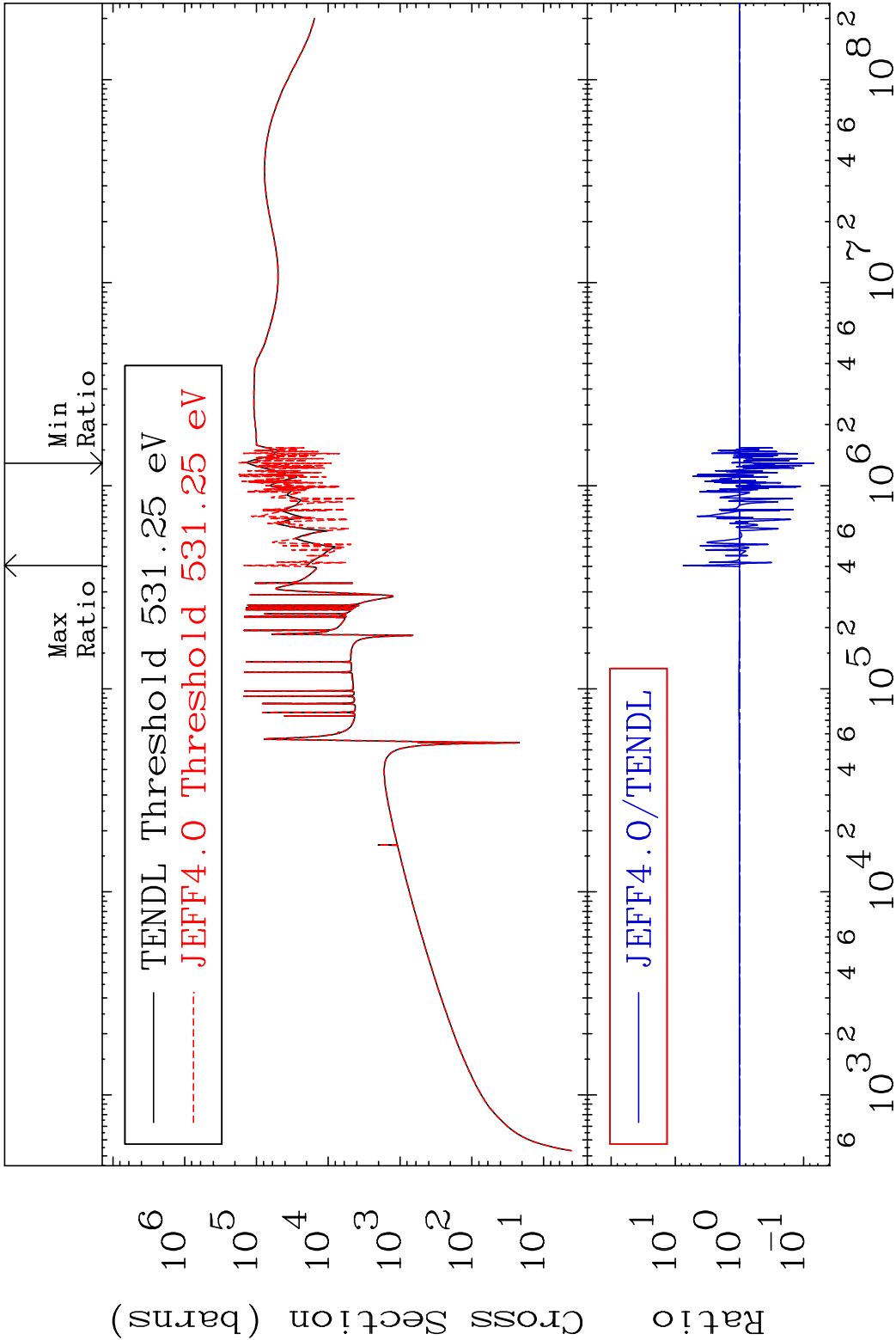
68 Incident Energy (eV) 22-Ti-50

MAT 2237 Total kinematic kerma (high limit) 22-Ti-50
Cross Section -93.08 To 658.5 %

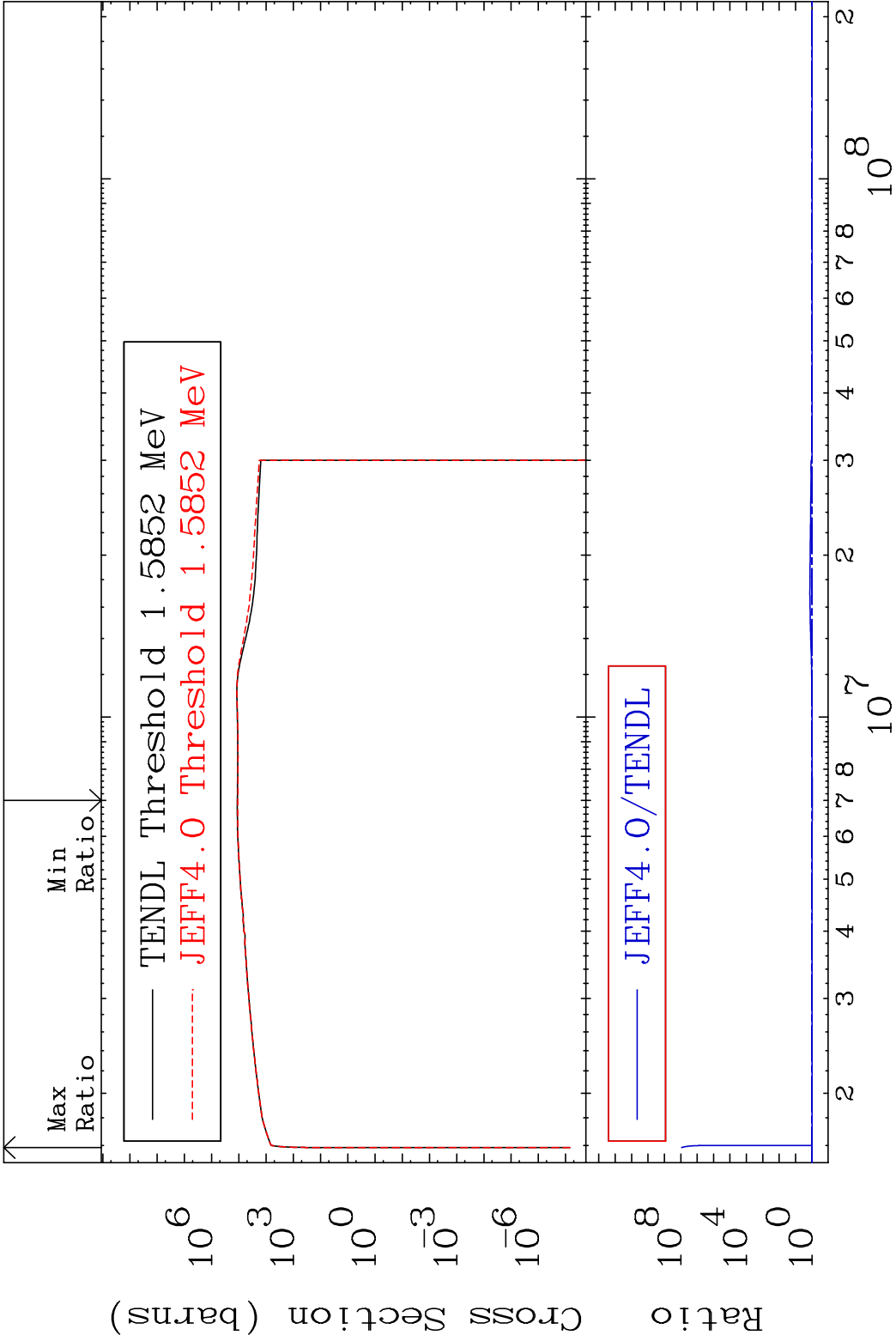




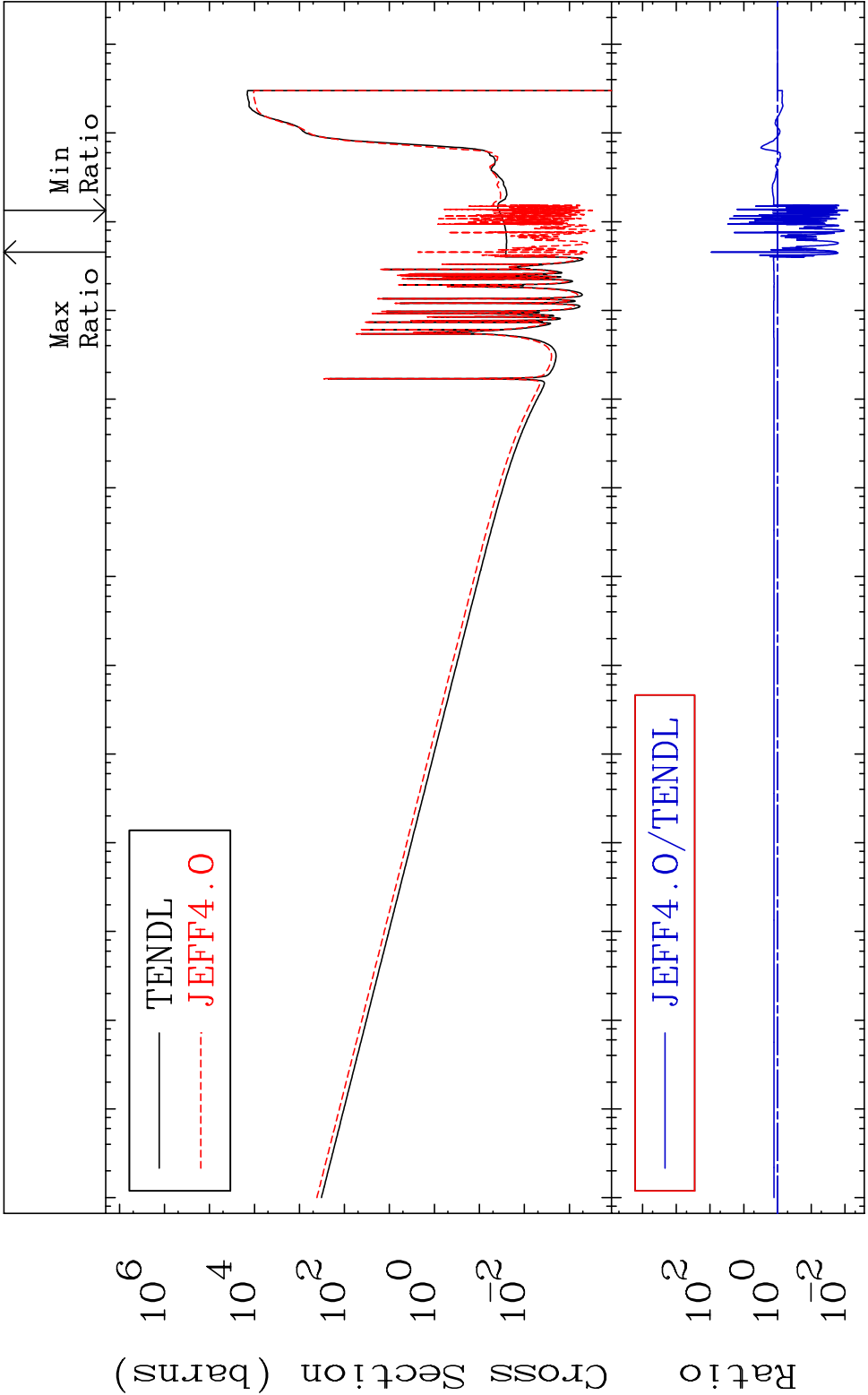
MAT 2237 Dpa elastic (mt2) 22-Ti-50
Cross Section -93.08 To 658.4 %



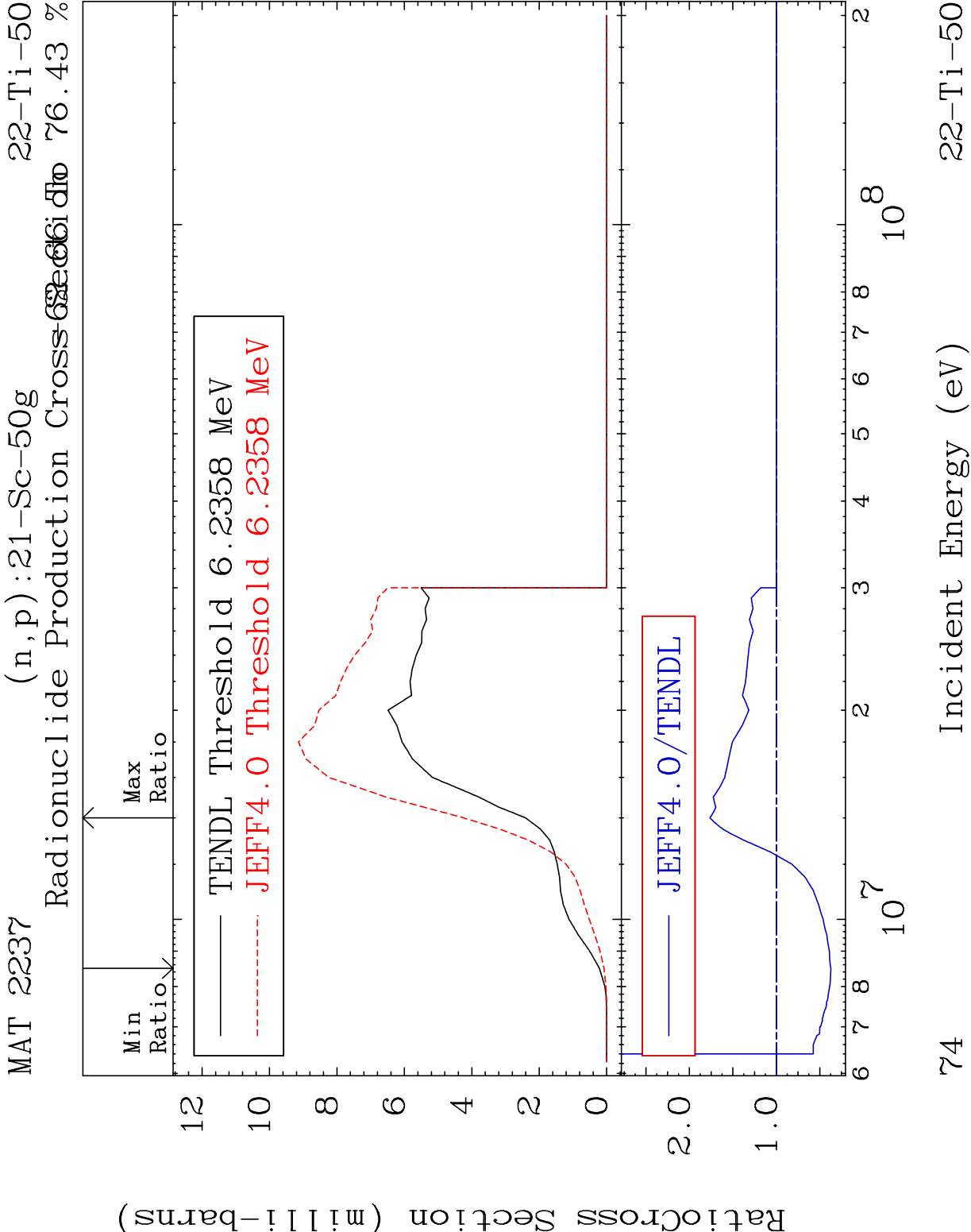
71 Incident Energy (eV) 22-Ti-50



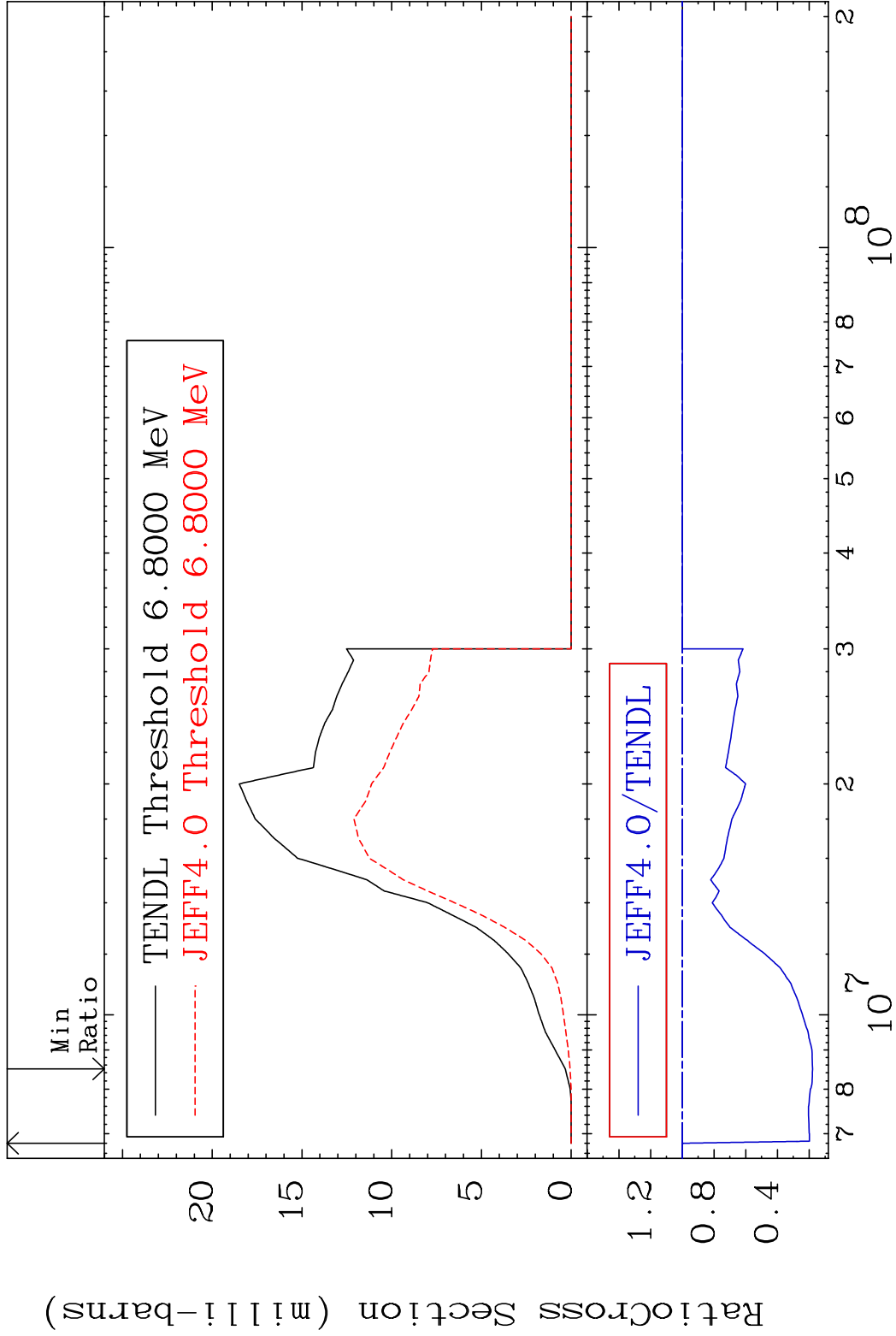
MAT 2237 Dpa disappearance (mt102 -120) 22-Ti-50
Cross Section -99.17 To 9041. %



73 Incident Energy (eV) 22-Ti-50



MAT 2237 (n,p):21-Sc-50m1 22-Ti-50
Radionuclide Production Cross Section (mb) 0.000 %



75 Incident Energy (eV) 22-Ti-50