

Program Complot
(Version 2021-1)

by

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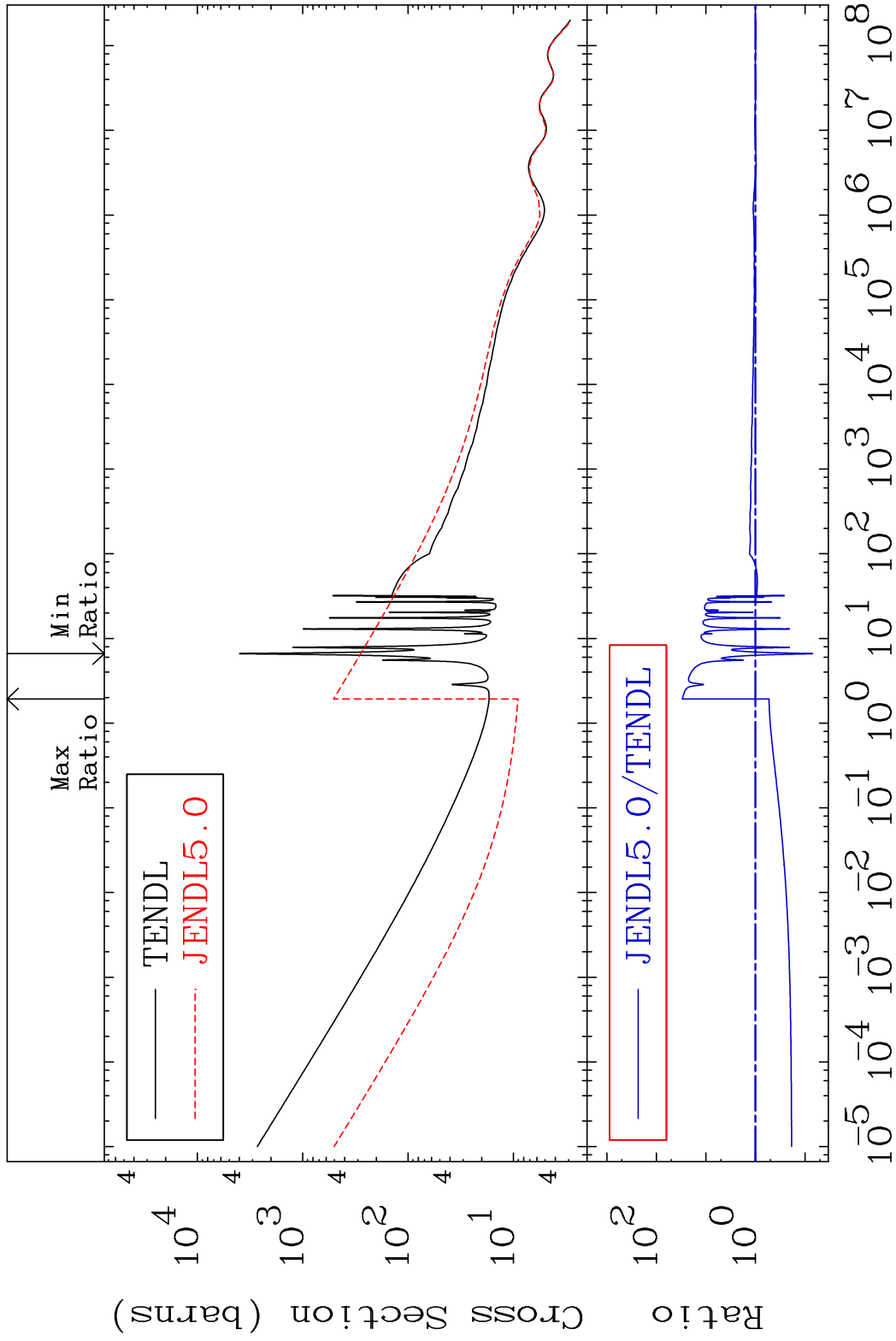
Press Mouse Button to Start

MAT 7922

Total

79-Au-196

Cross Section -92.95 To 2890. %



1

Incident Energy (eV)

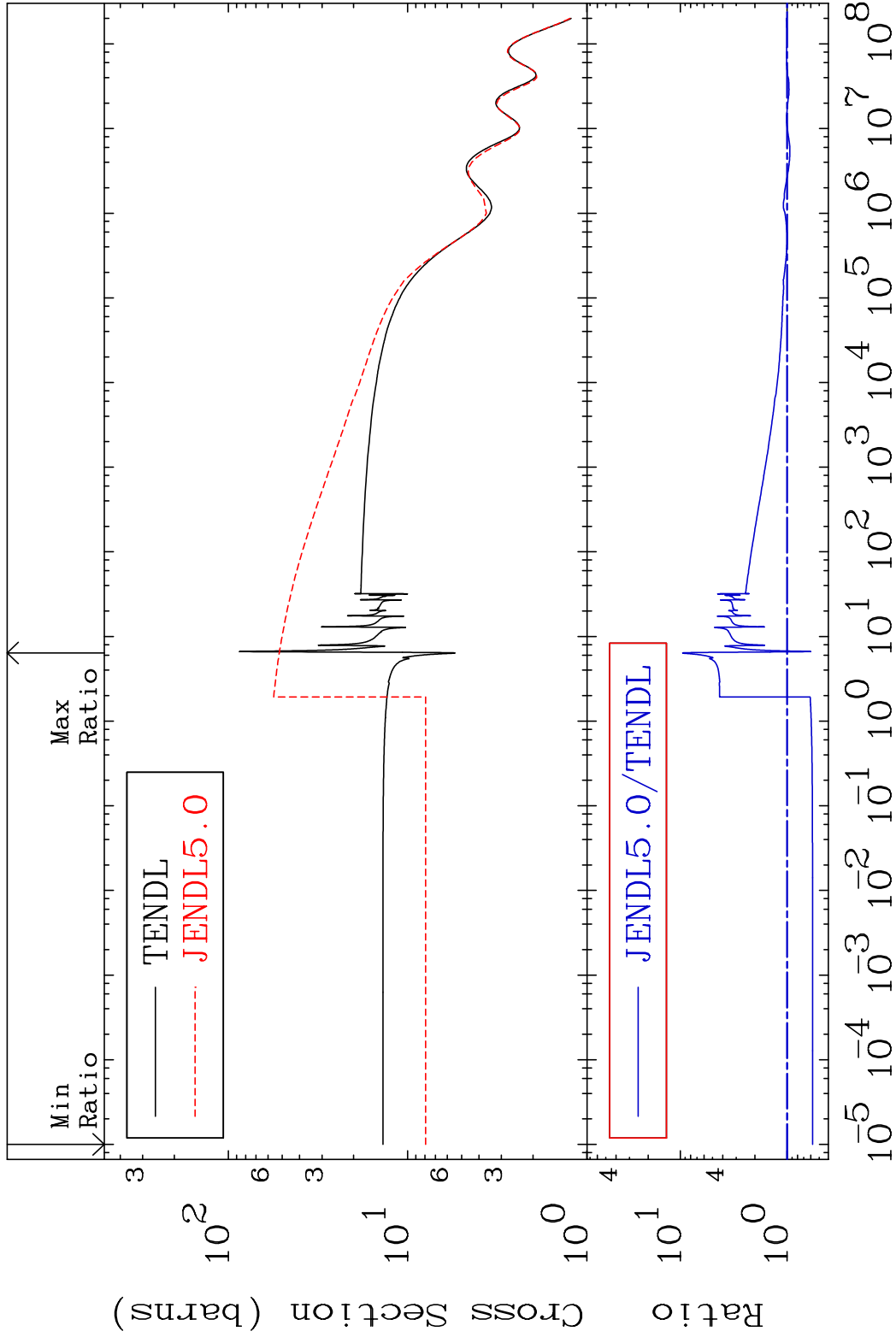
79-Au-196

MAT 7922

Elastic

79-Au-196

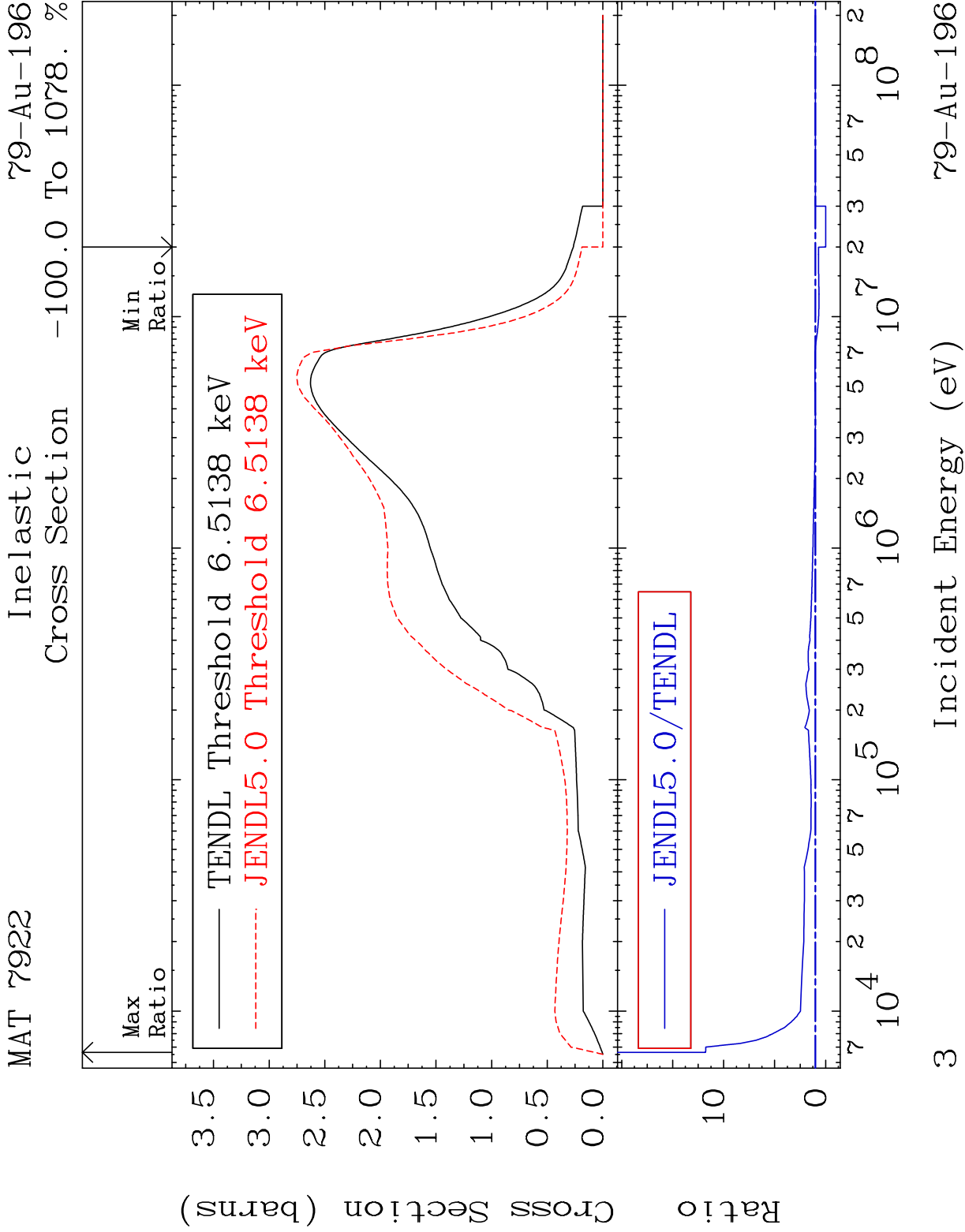
Cross Section -42.20 To 857.6 %



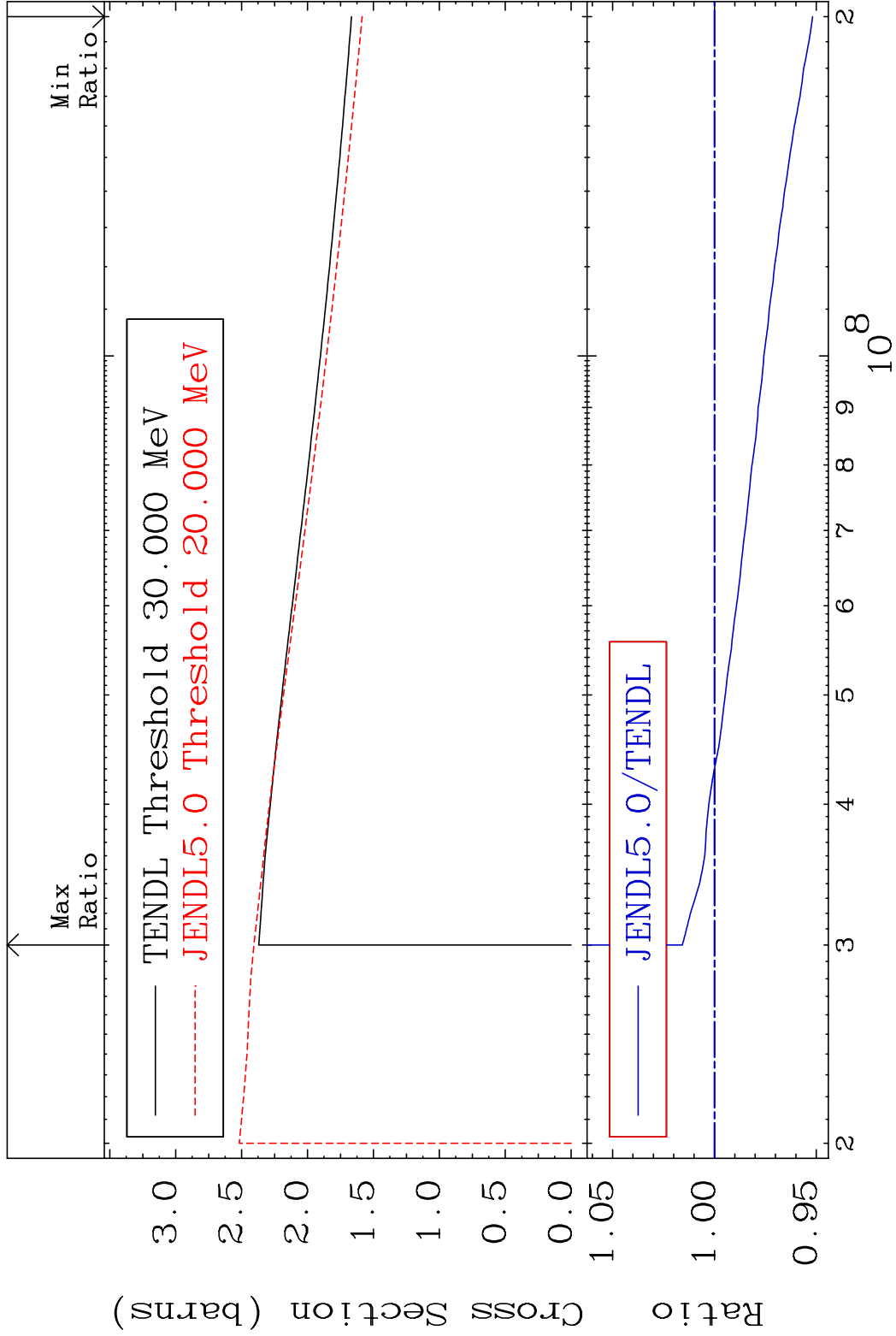
2

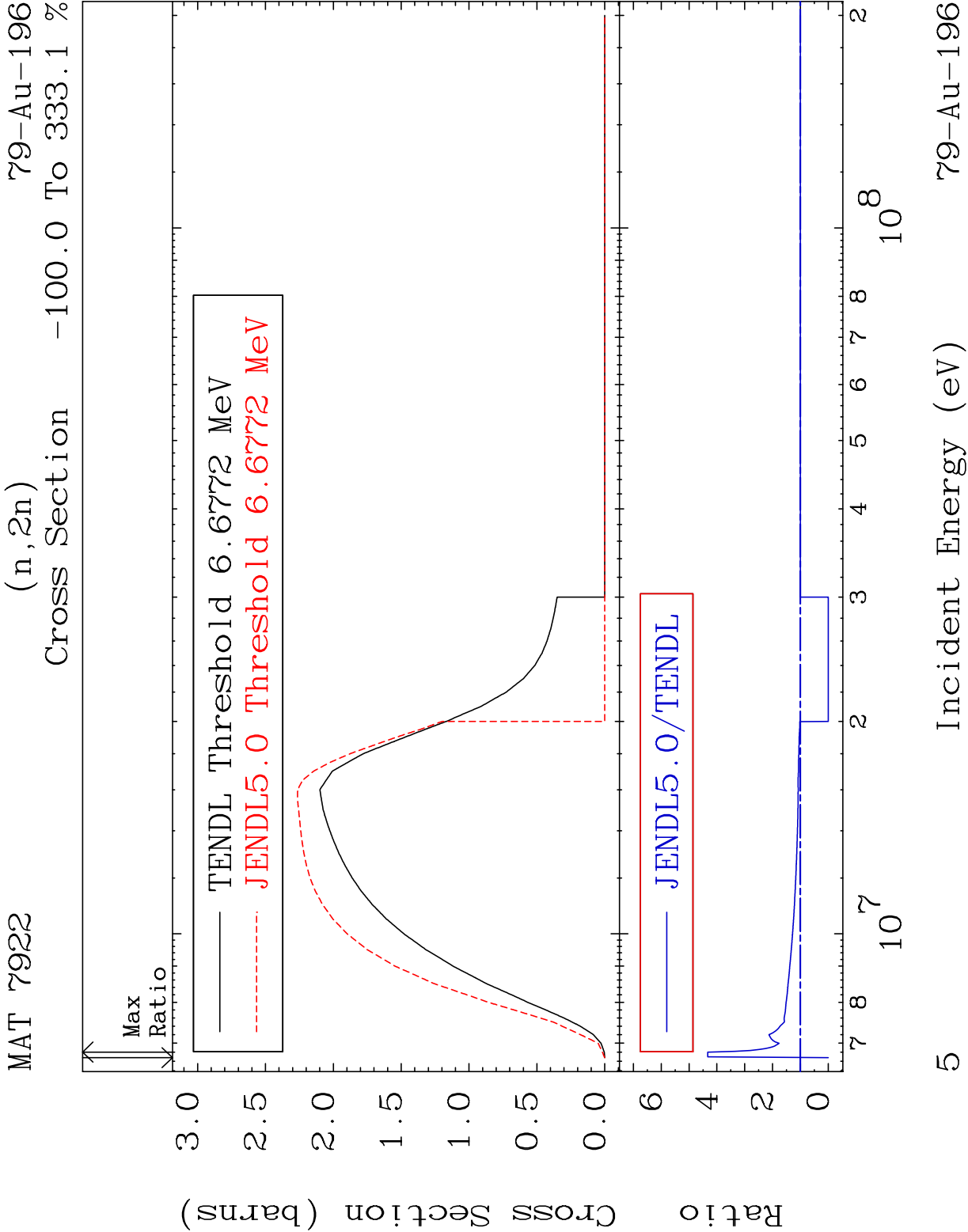
Incident Energy (eV)

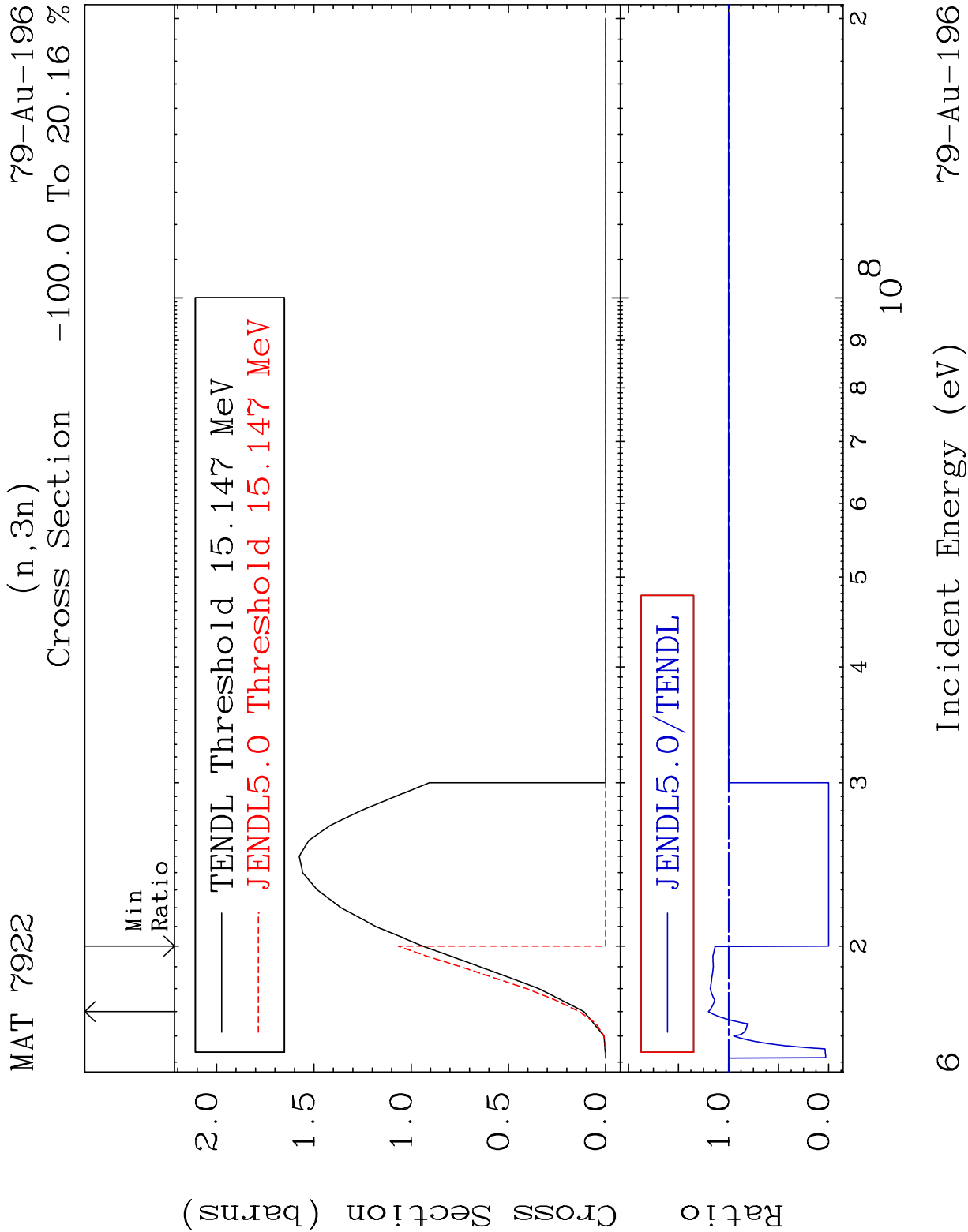
79-Au-196

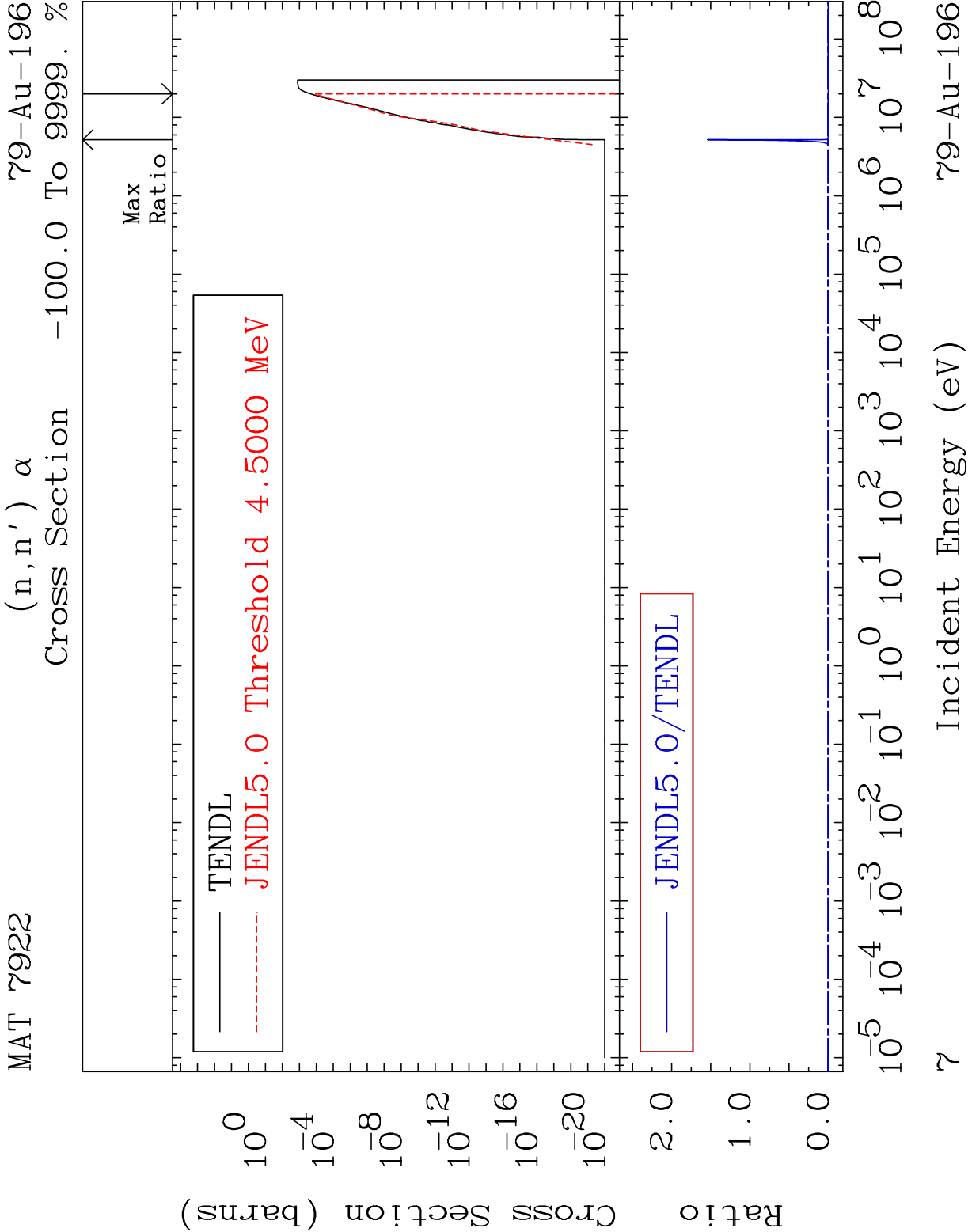


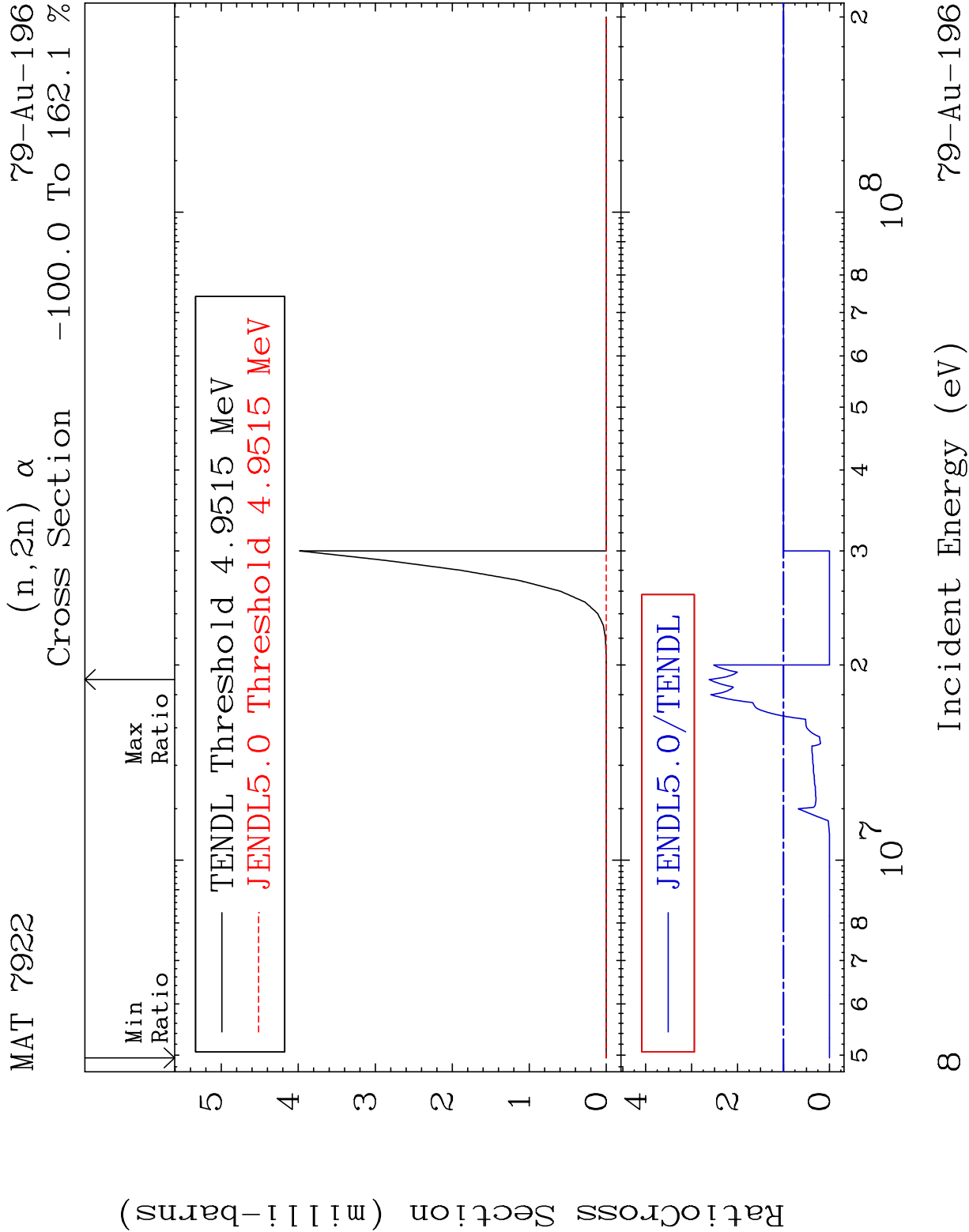
MAT 7922 (n,remainder) 79-Au-196
Cross Section -4.817 To 1.575 %

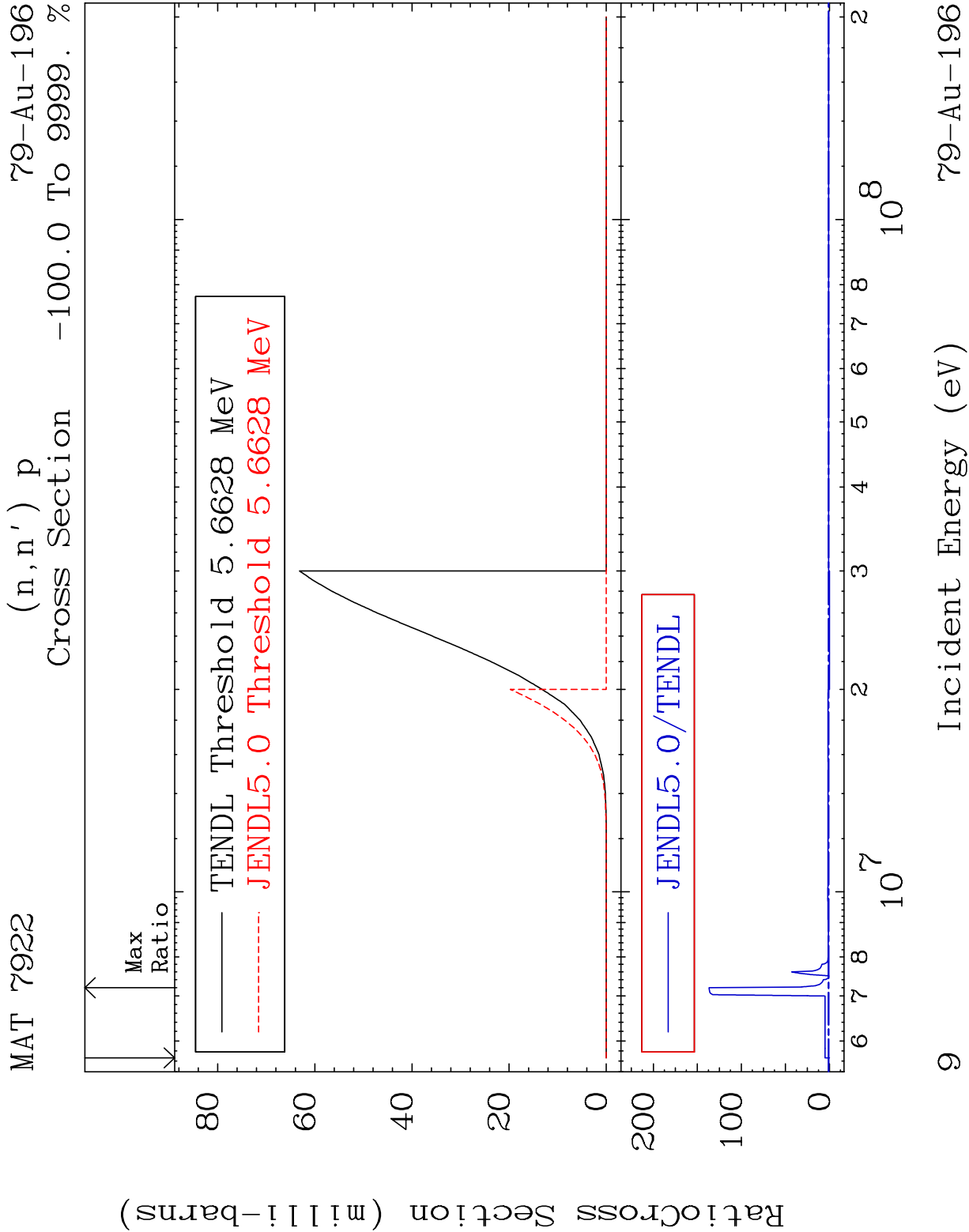


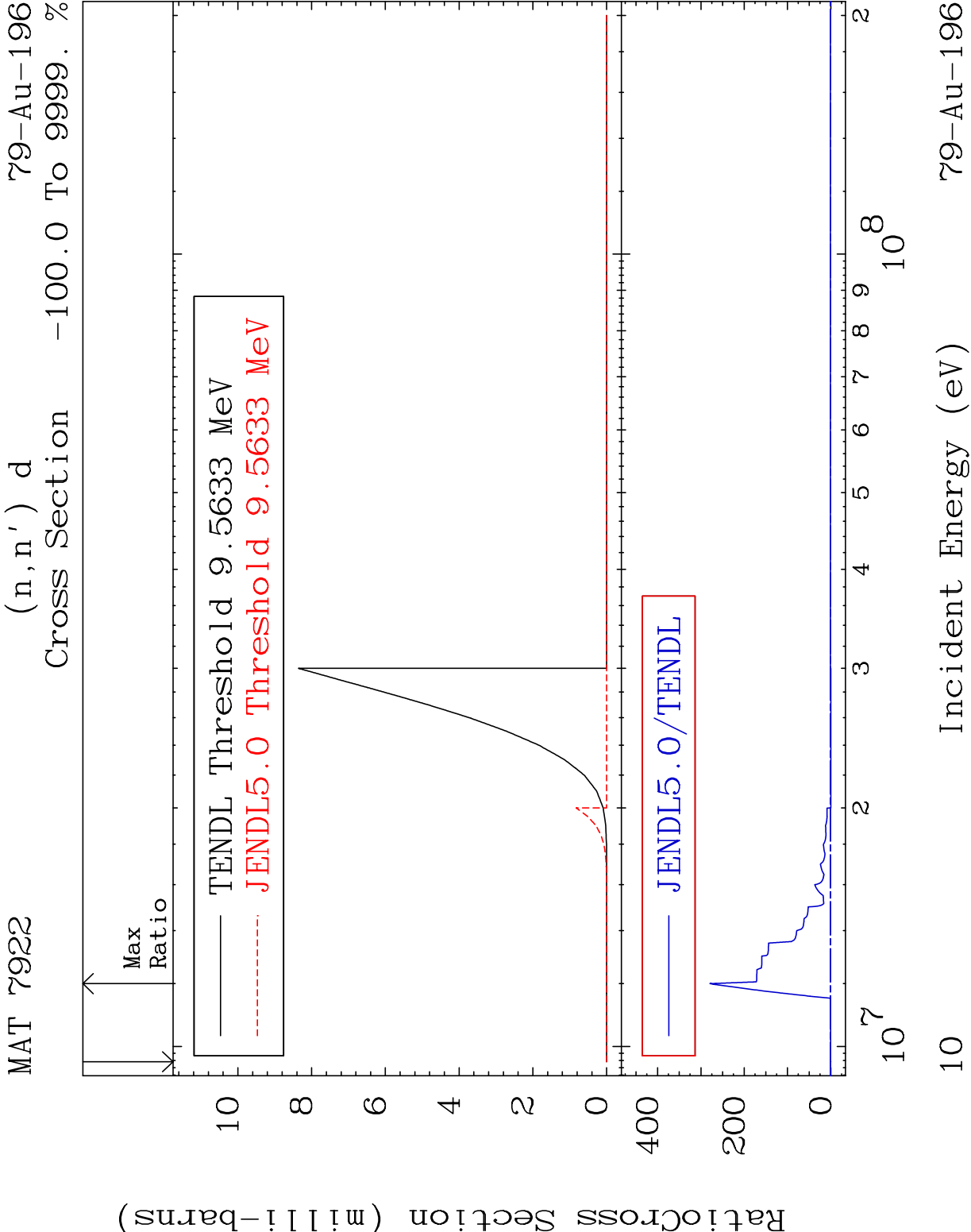


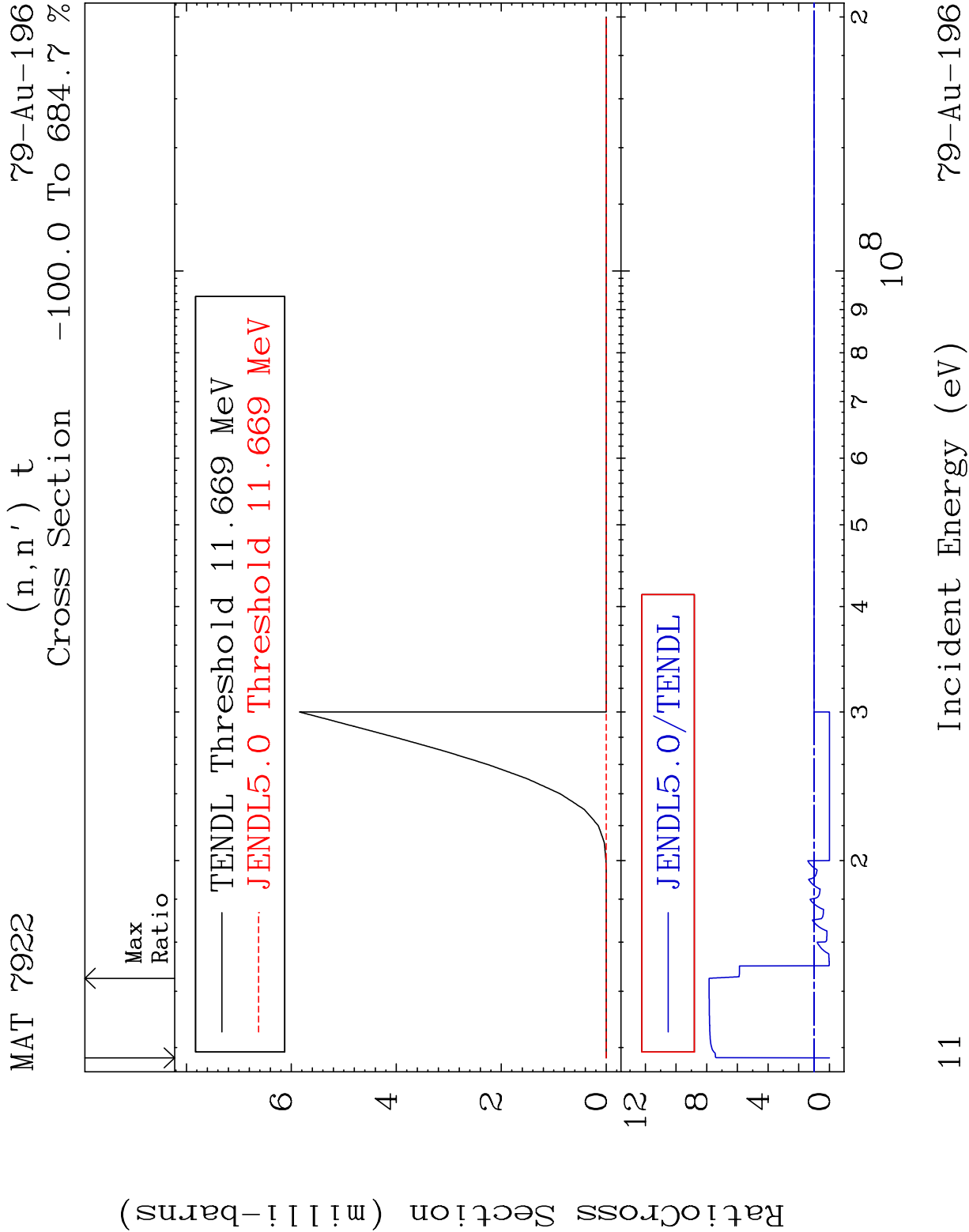






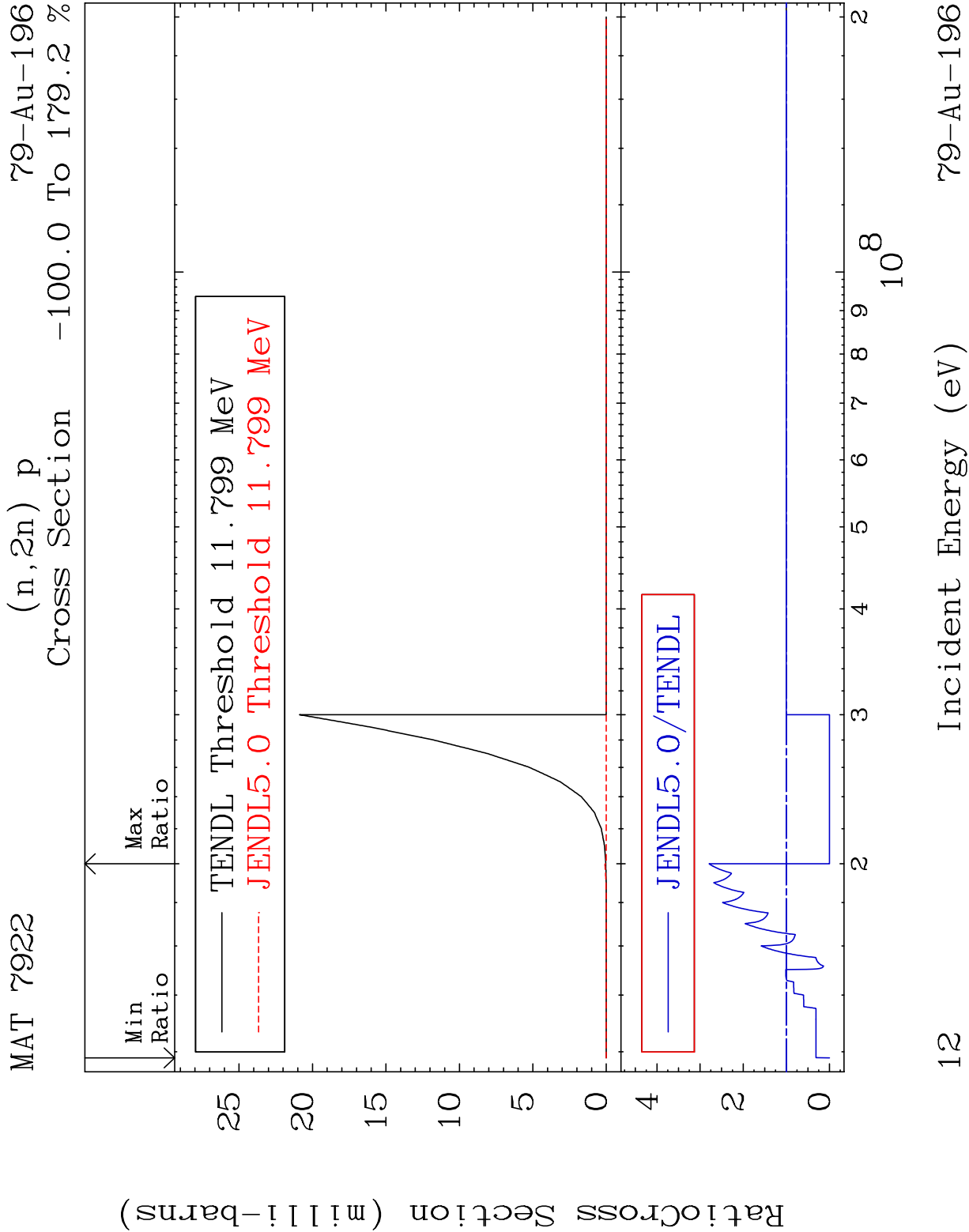




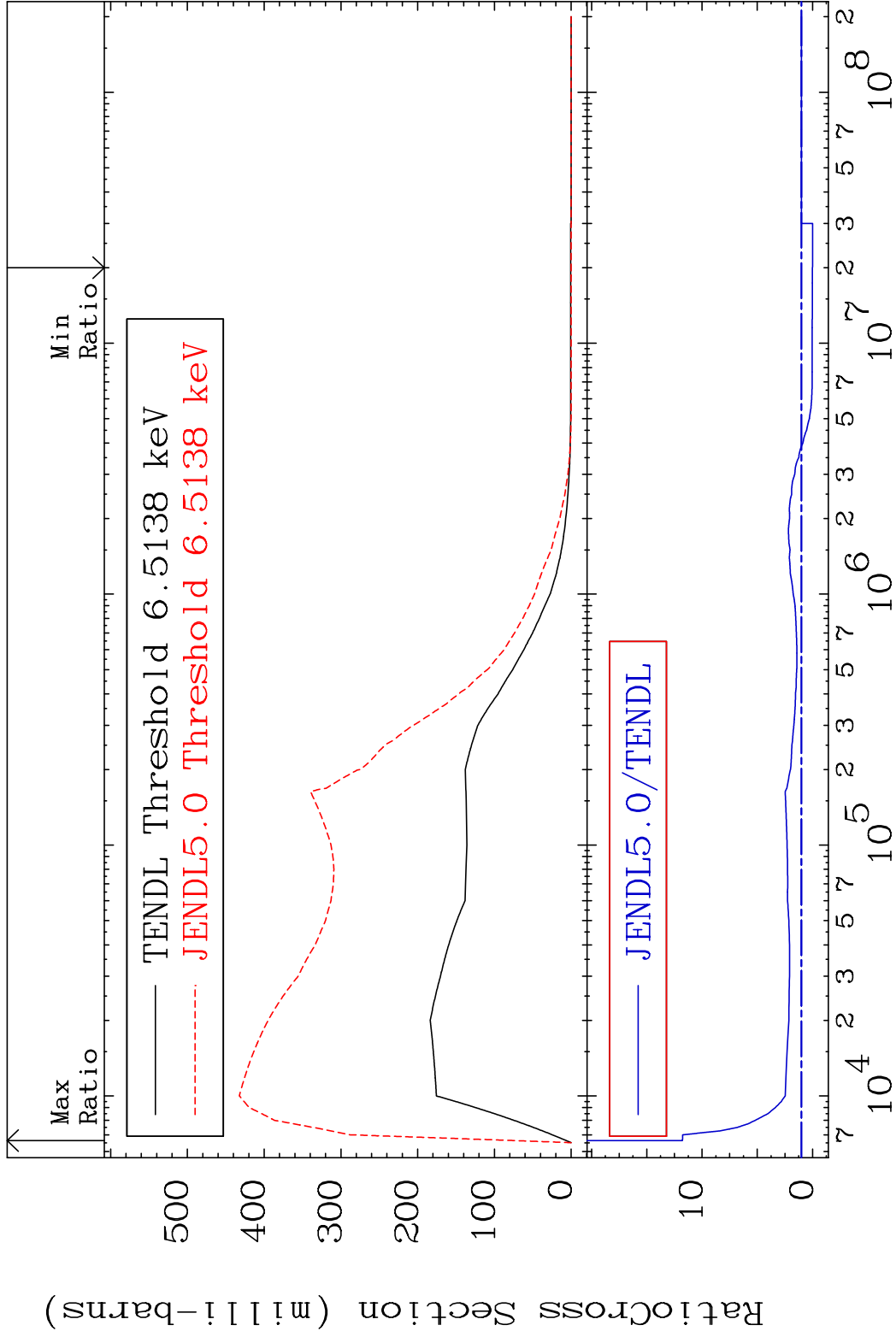


11

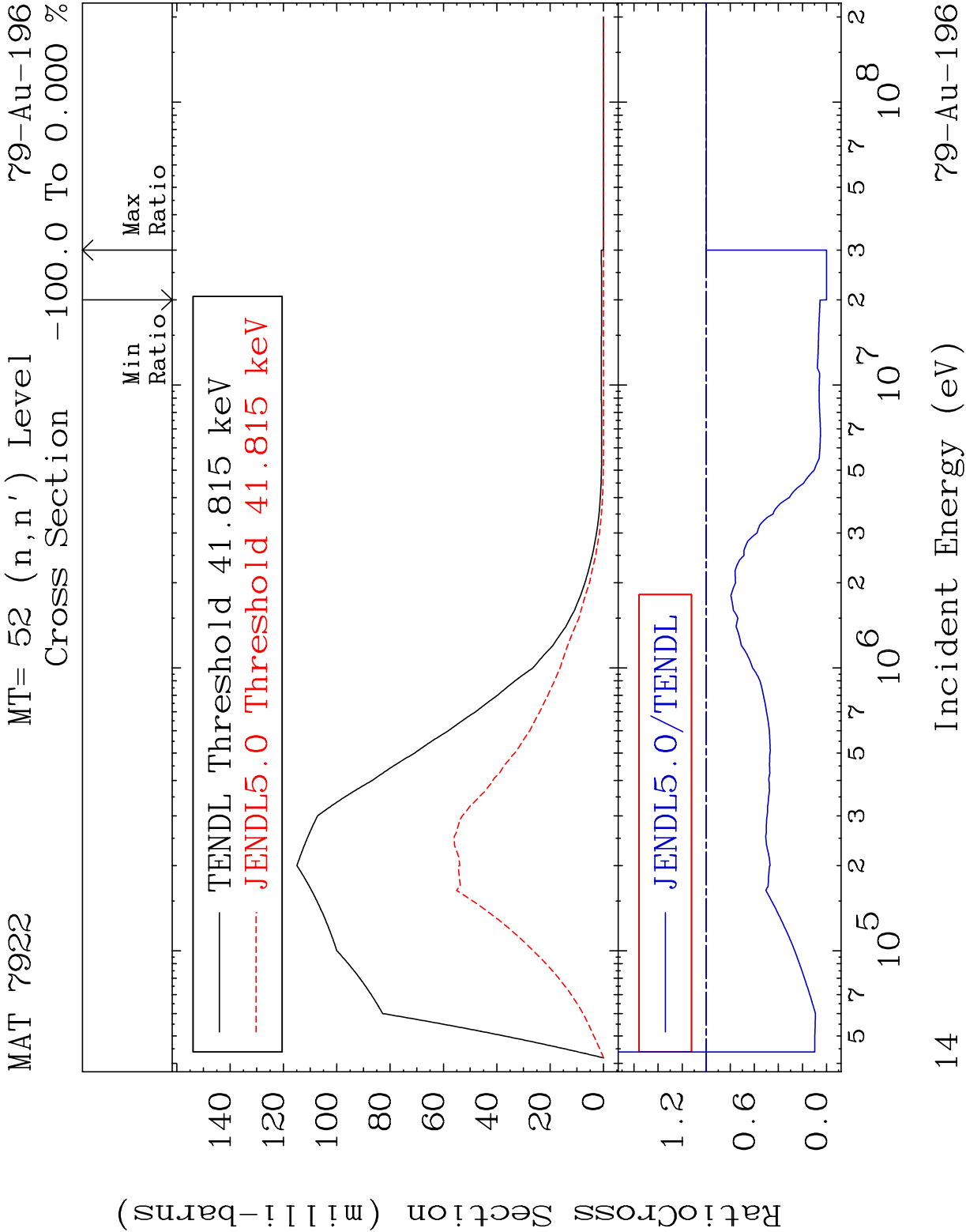
79-Au-196

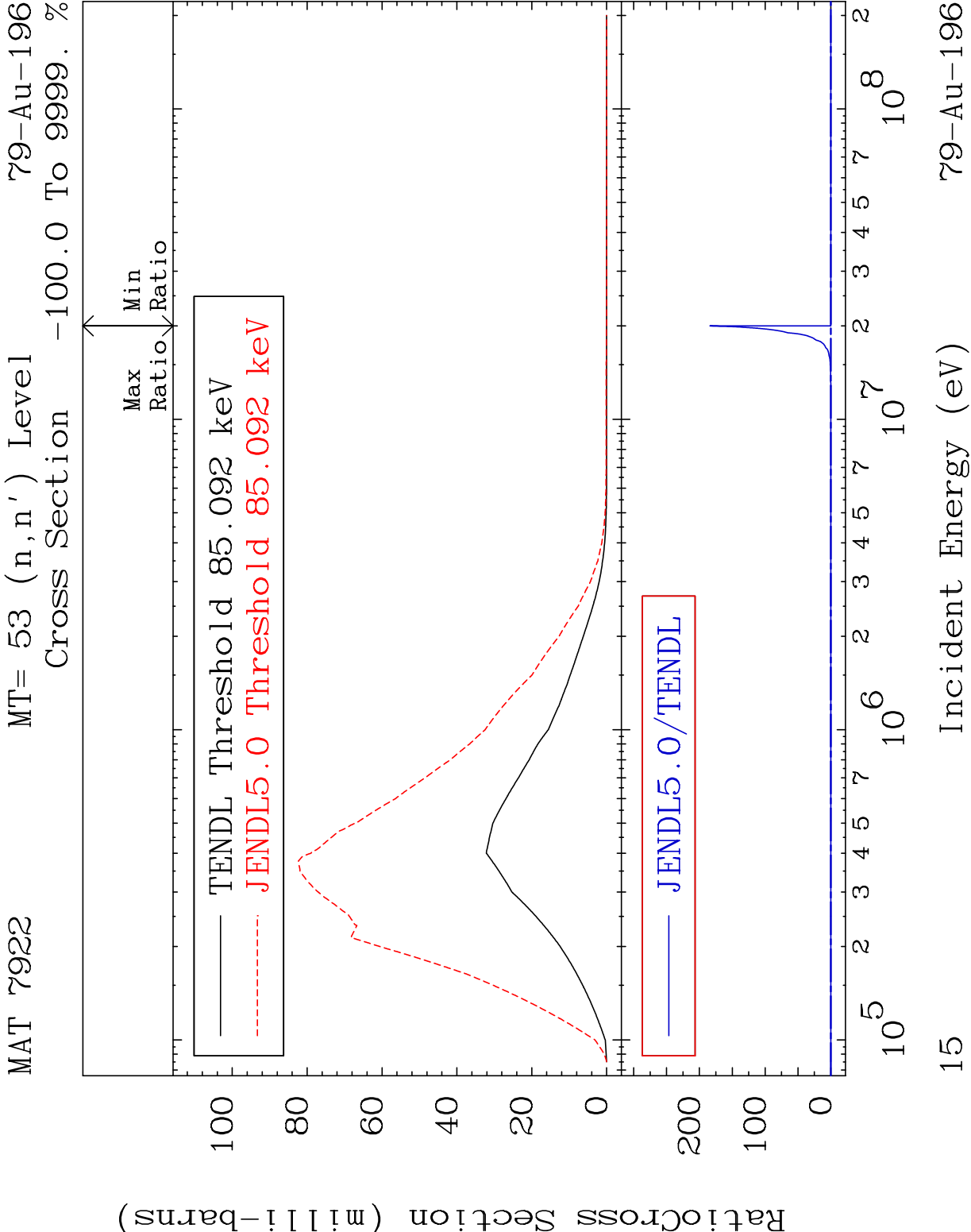


MAT 7922 MT= 51 (n,n') Level 79-Au-196
Cross Section -100.0 To 1078. %



13 Incident Energy (eV) 79-Au-196





MAT 7922

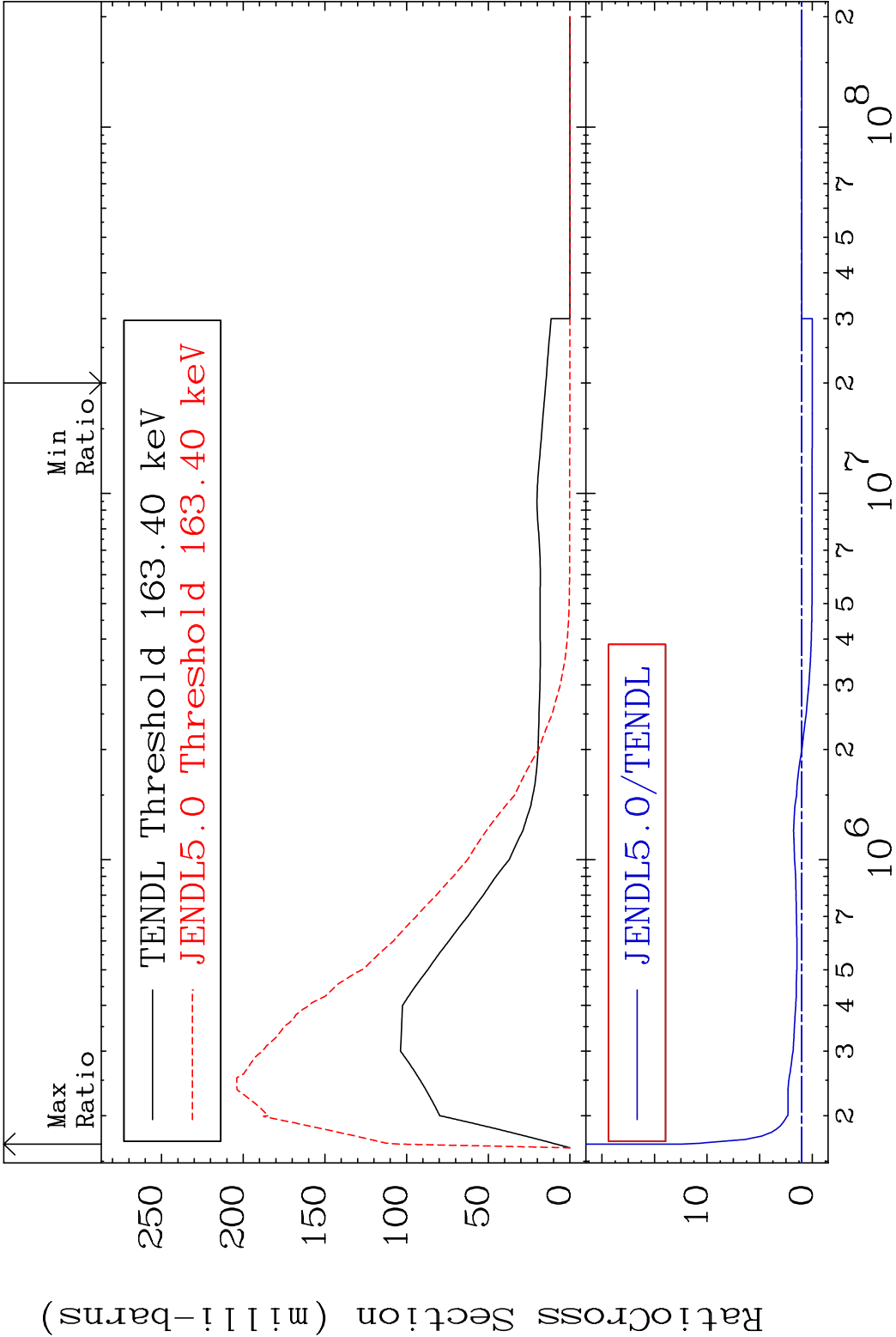
MT= 54 (n,n')

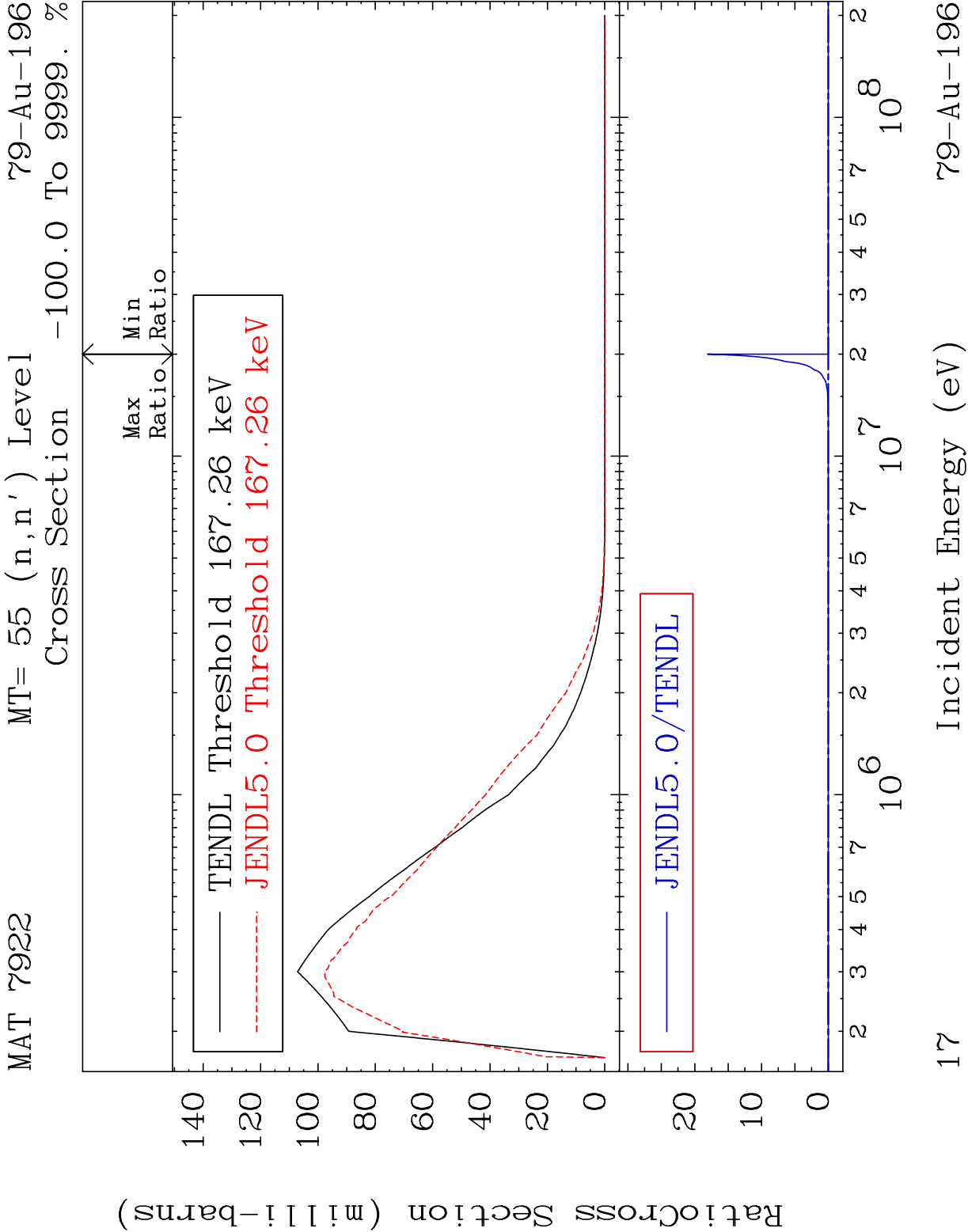
Level

79-Au-196

Cross Section

-100.0 To 1143. %



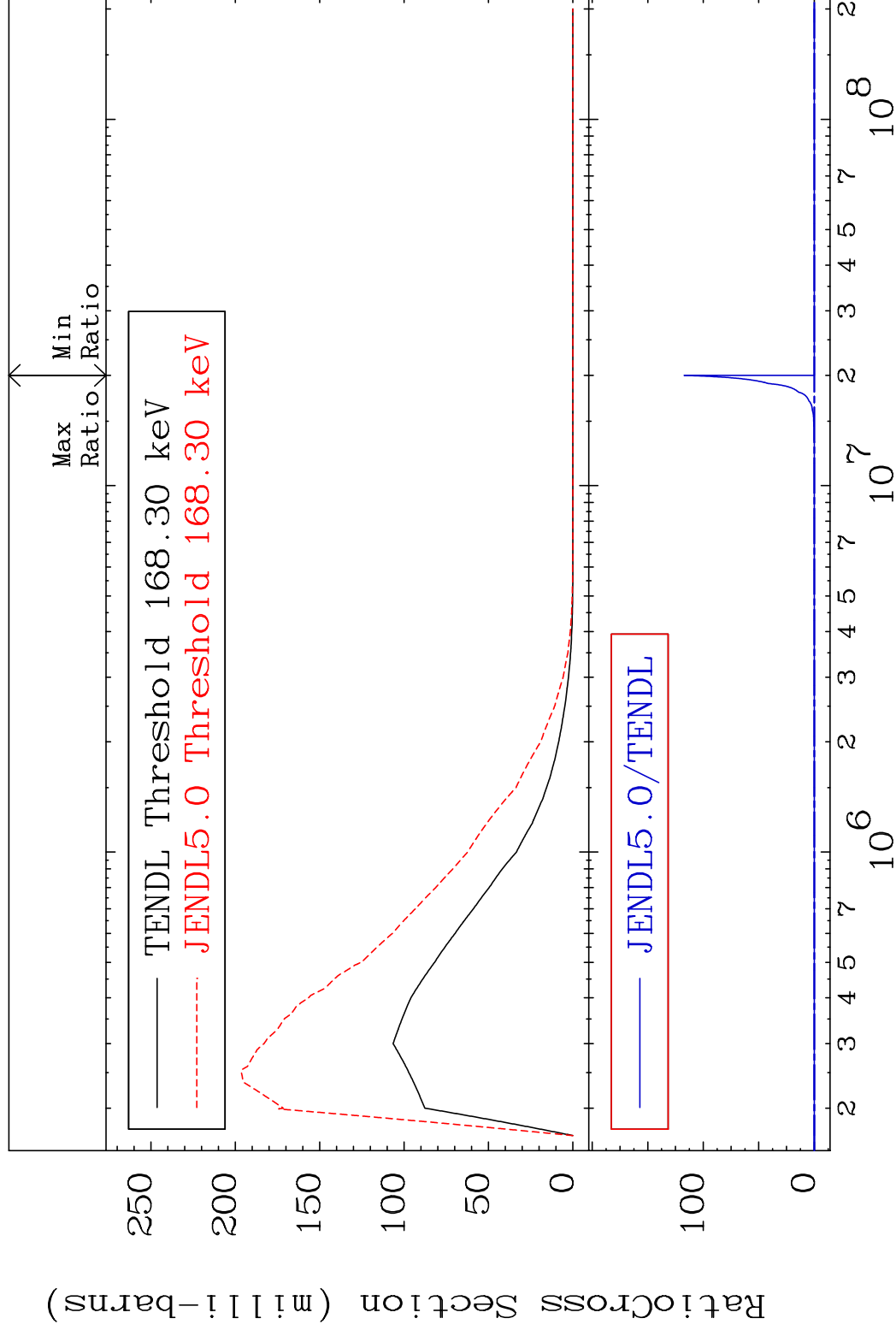


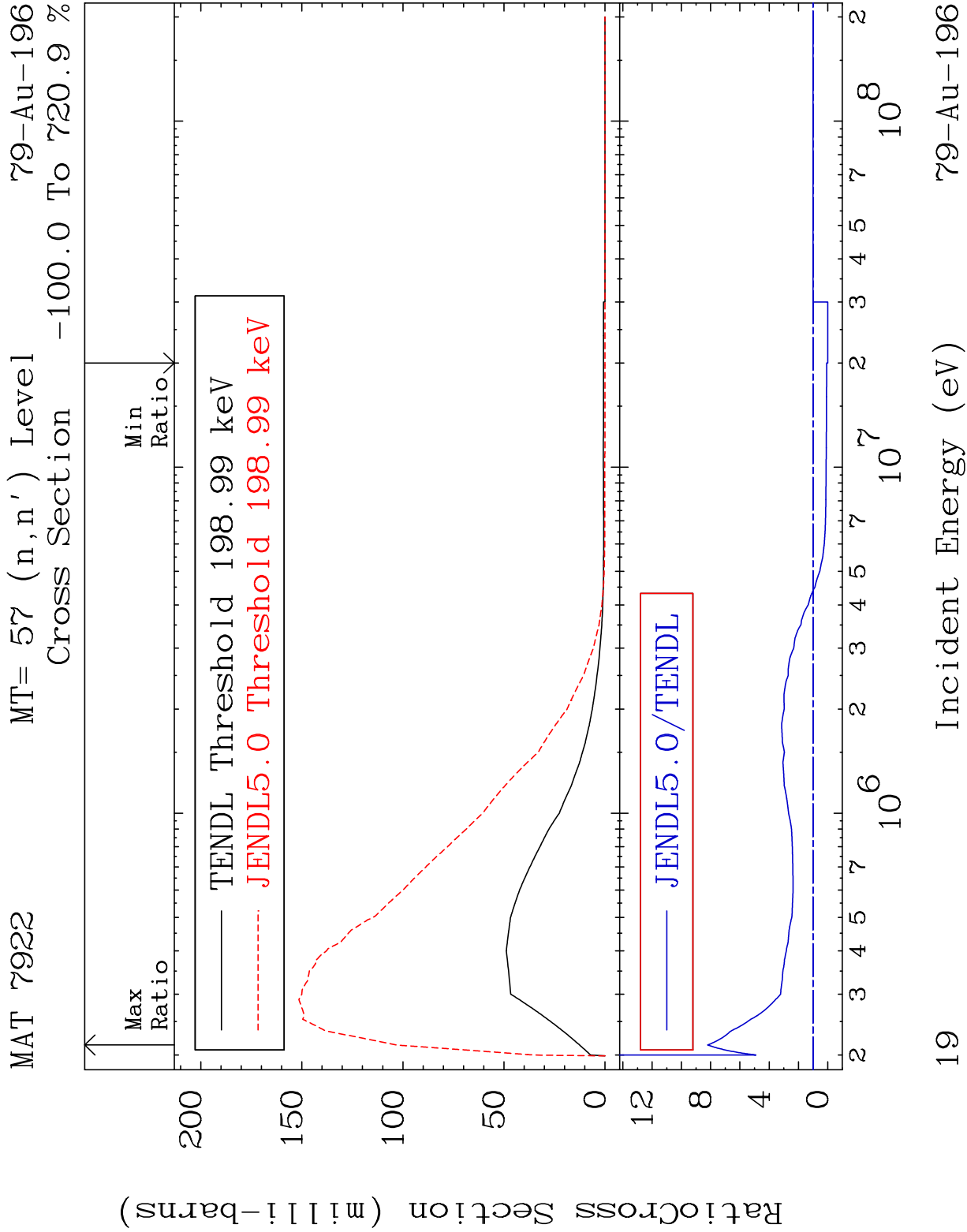
MAT 7922

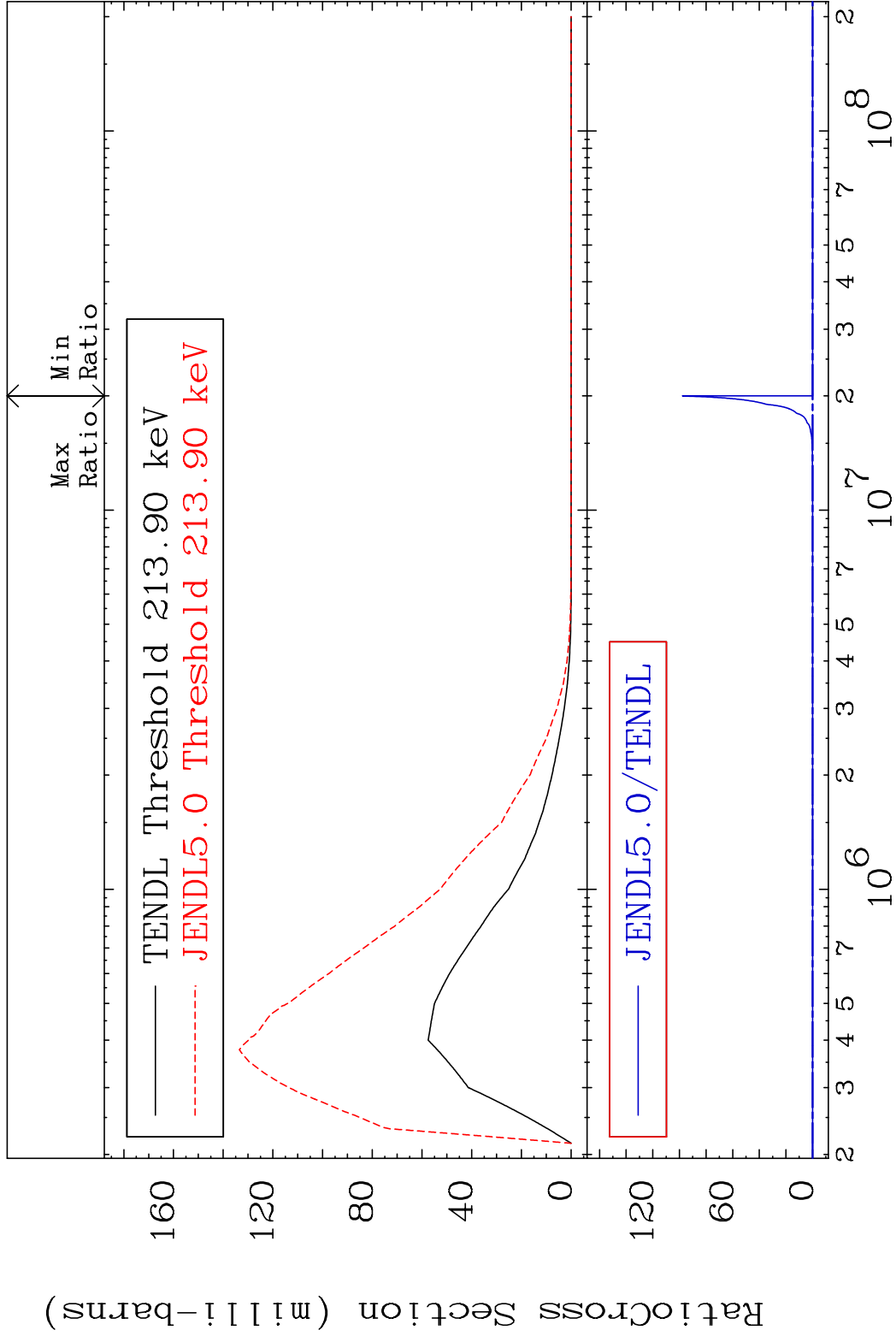
MT= 56 (n, n') Level

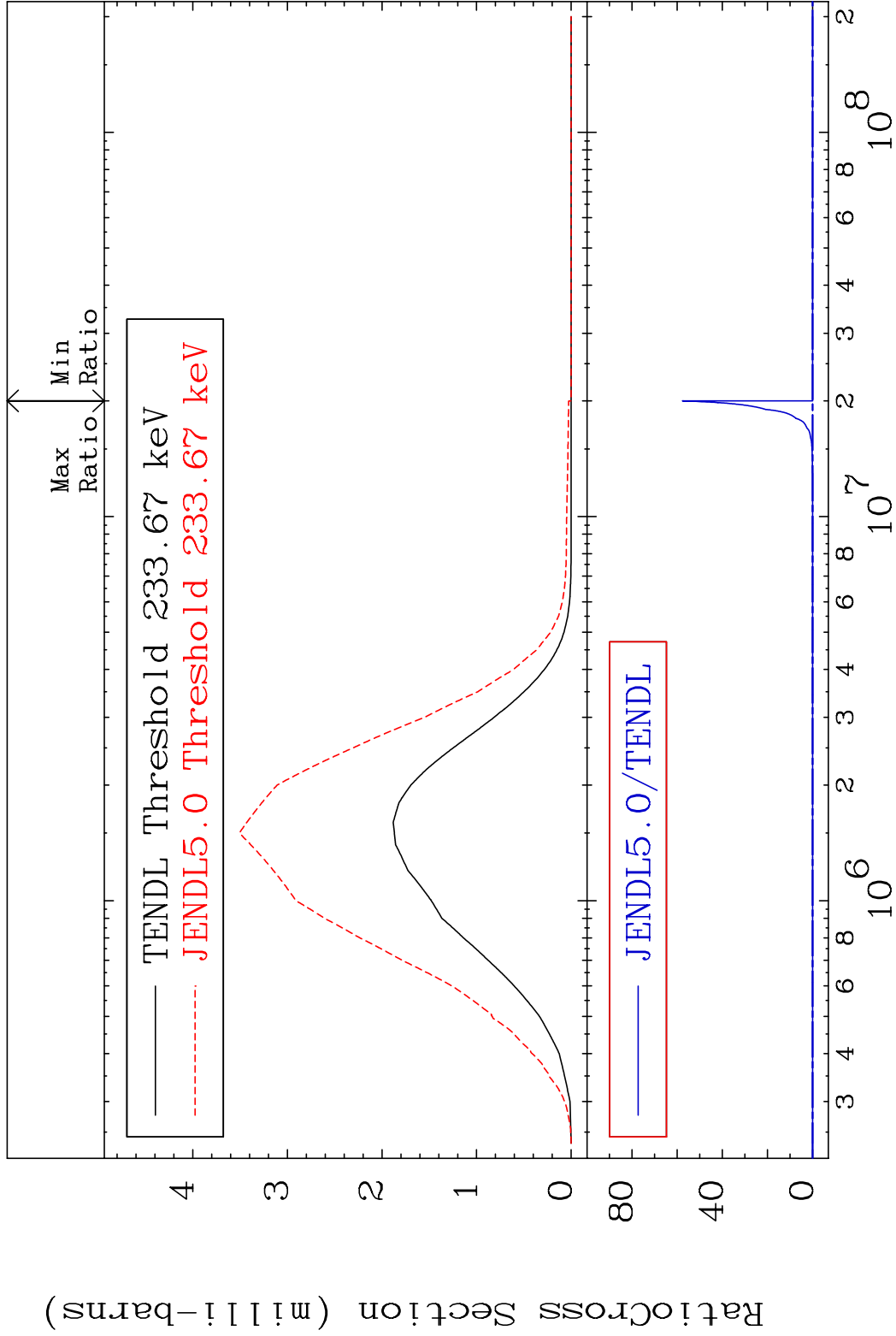
79-Au-196

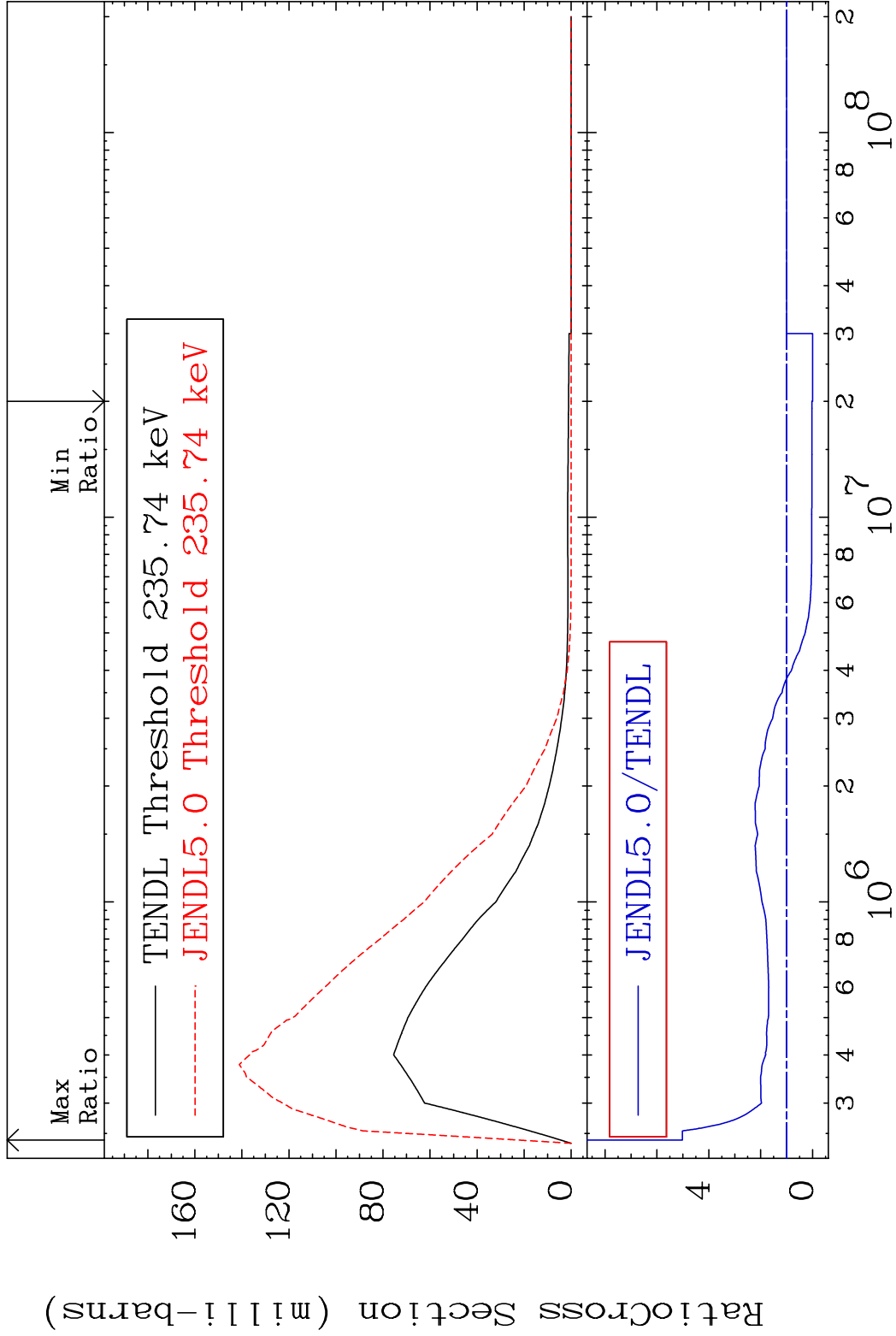
Cross Section -100.0 To 9999. %



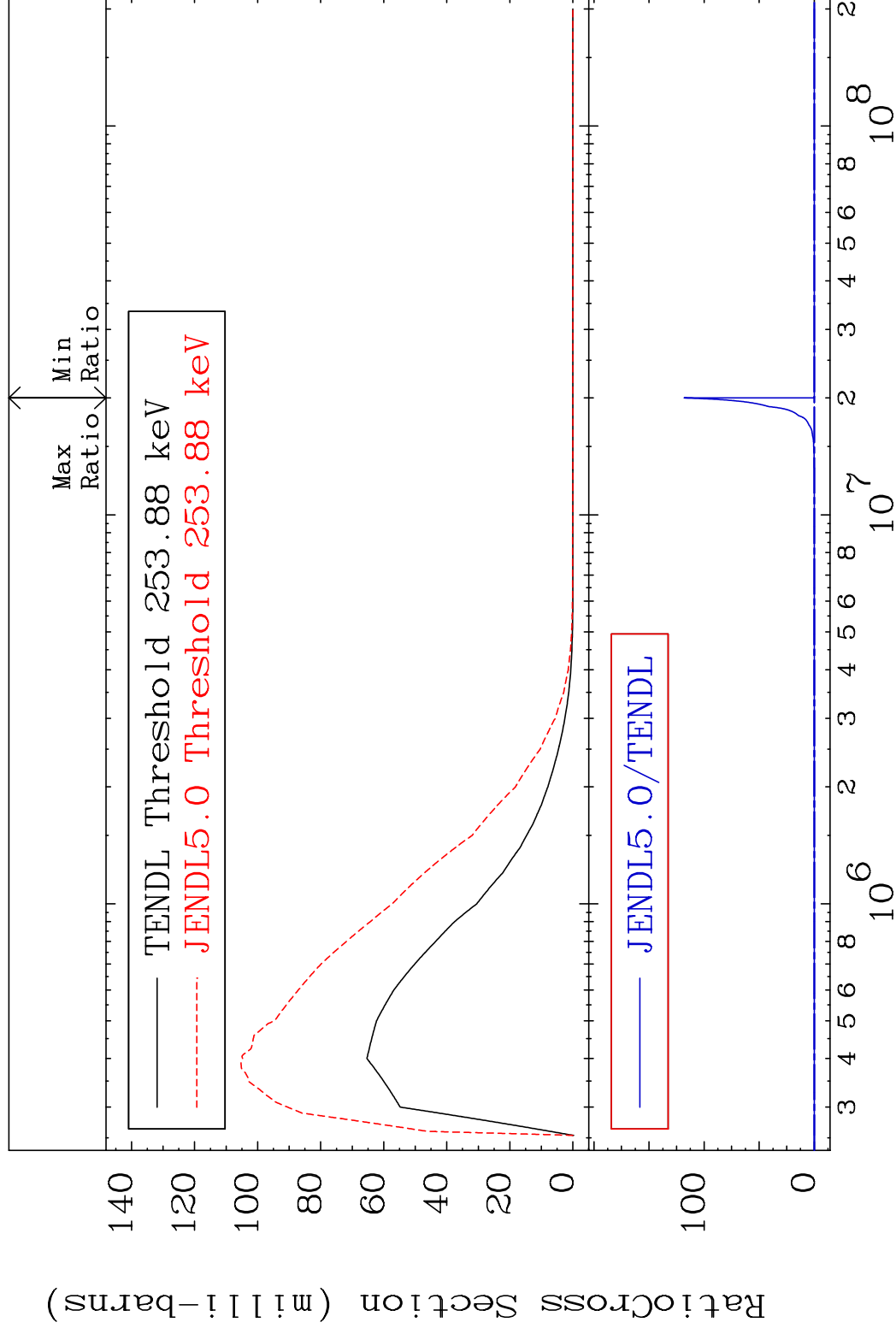


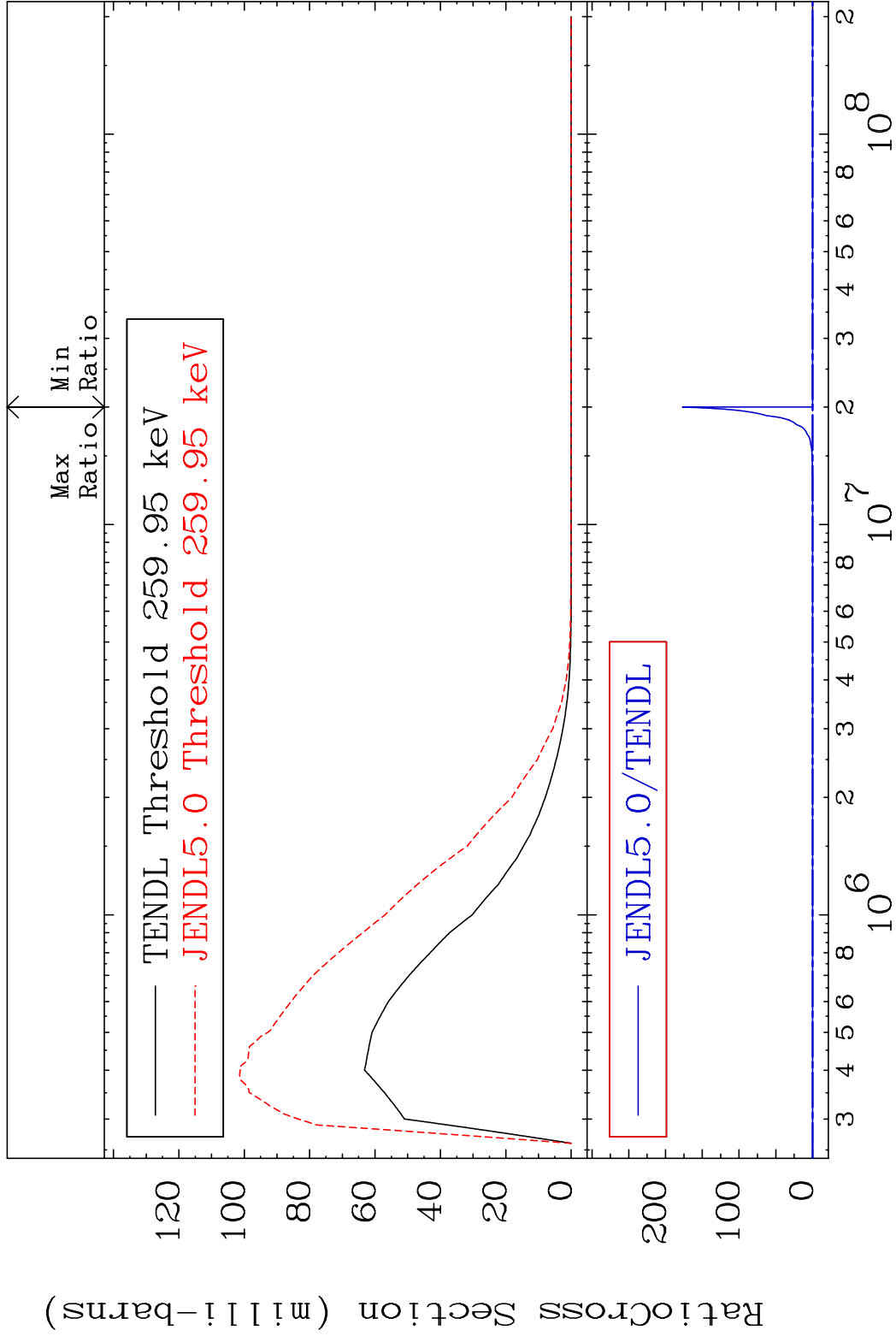


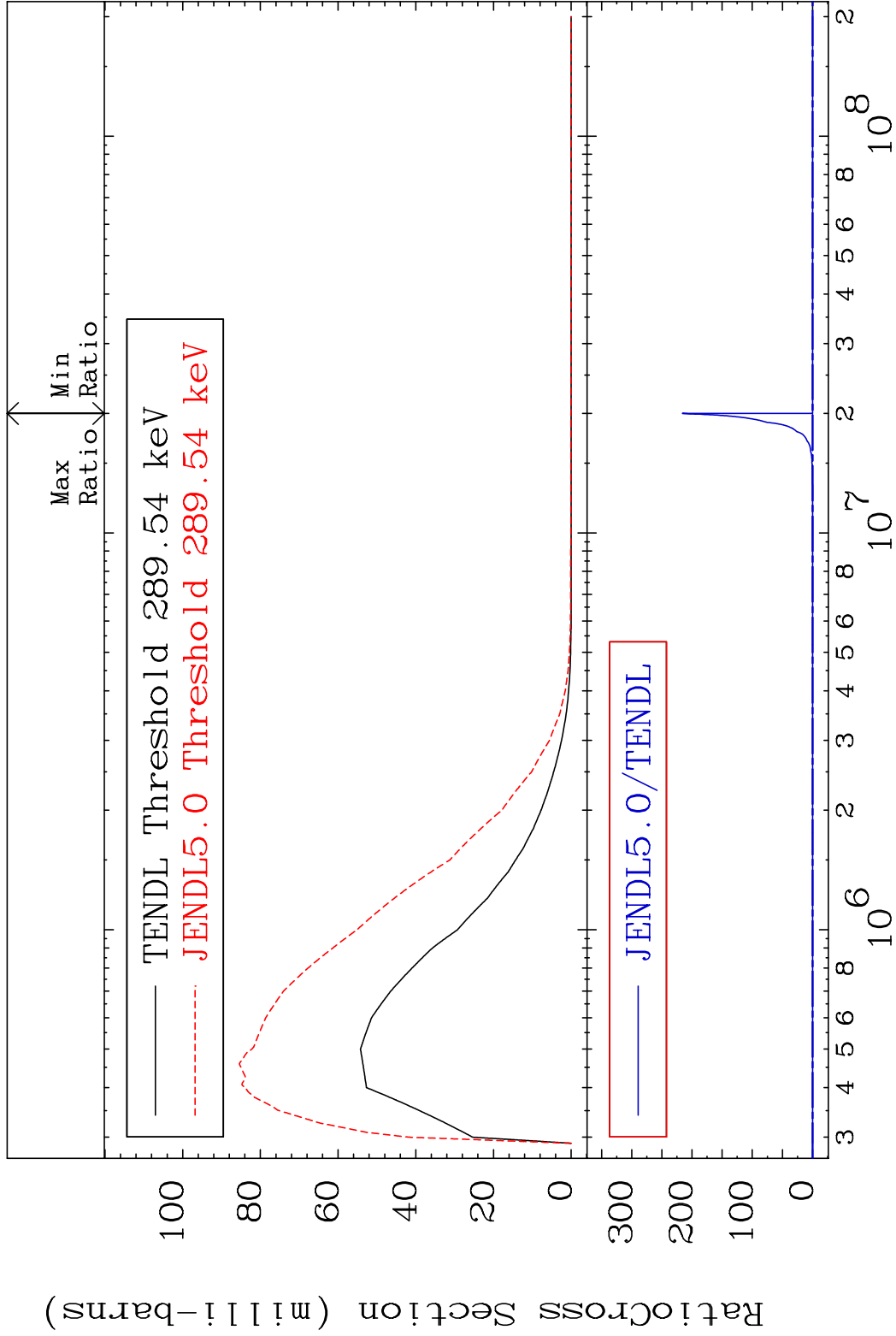


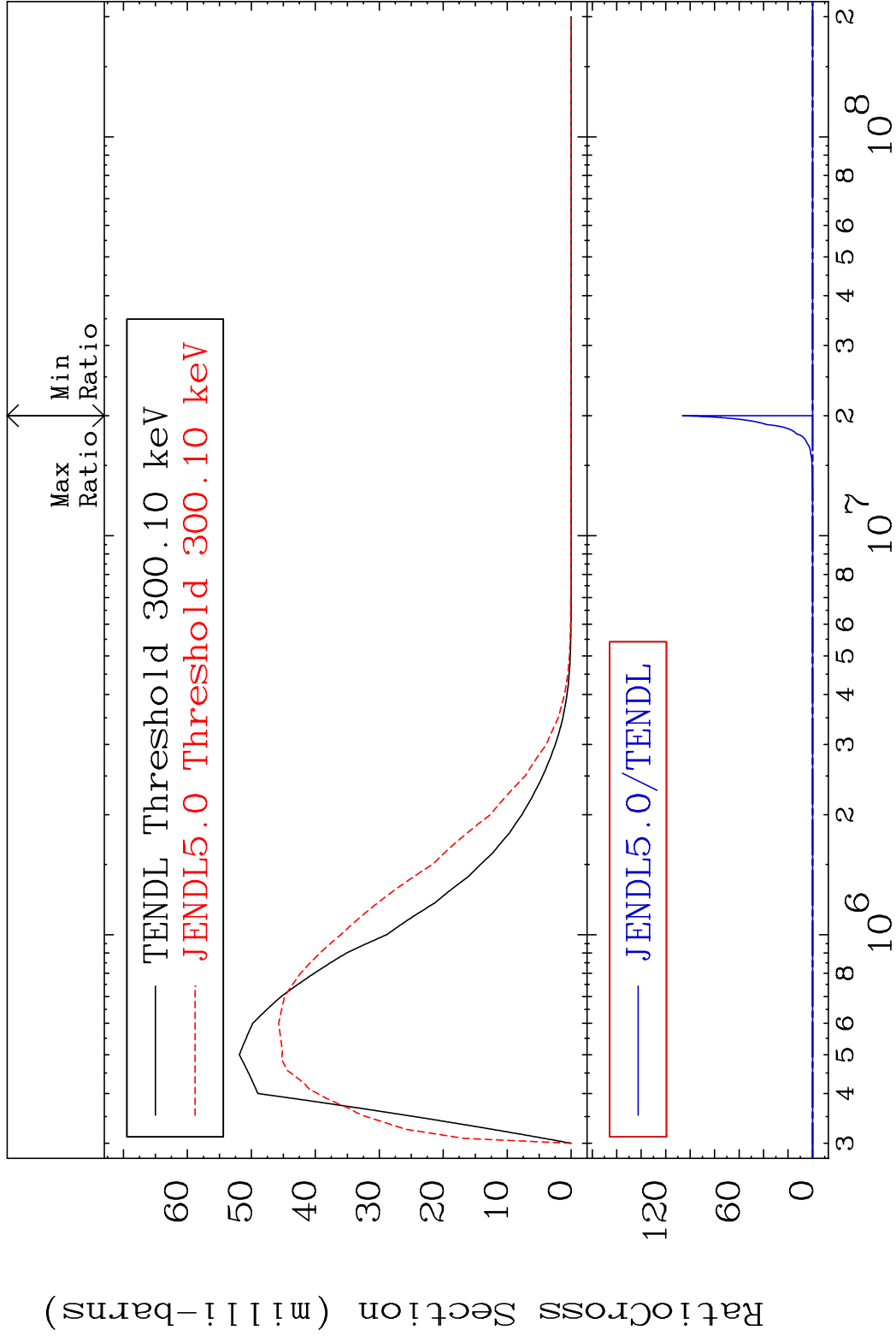


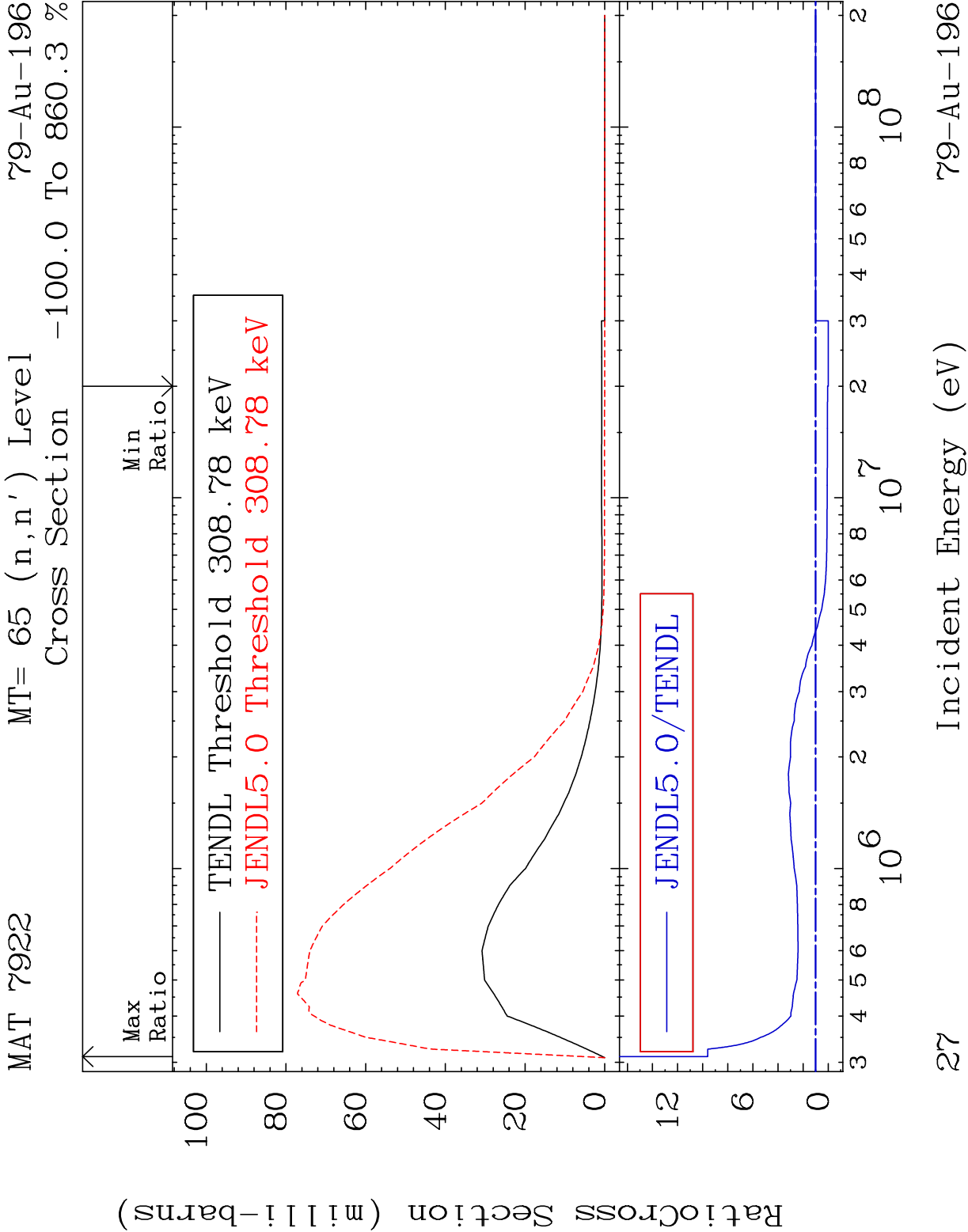
Cross Section -100.0 To 9999. %

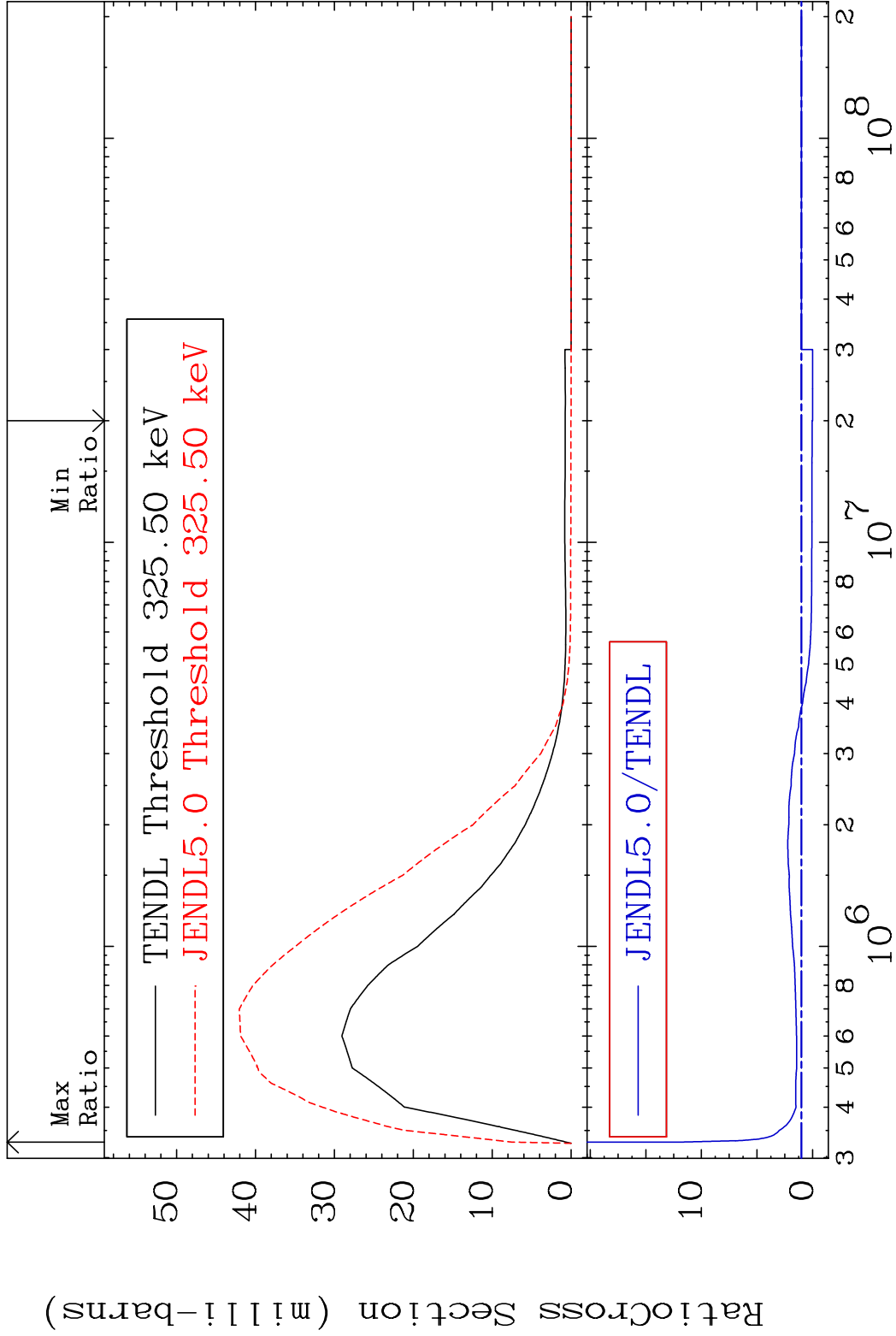


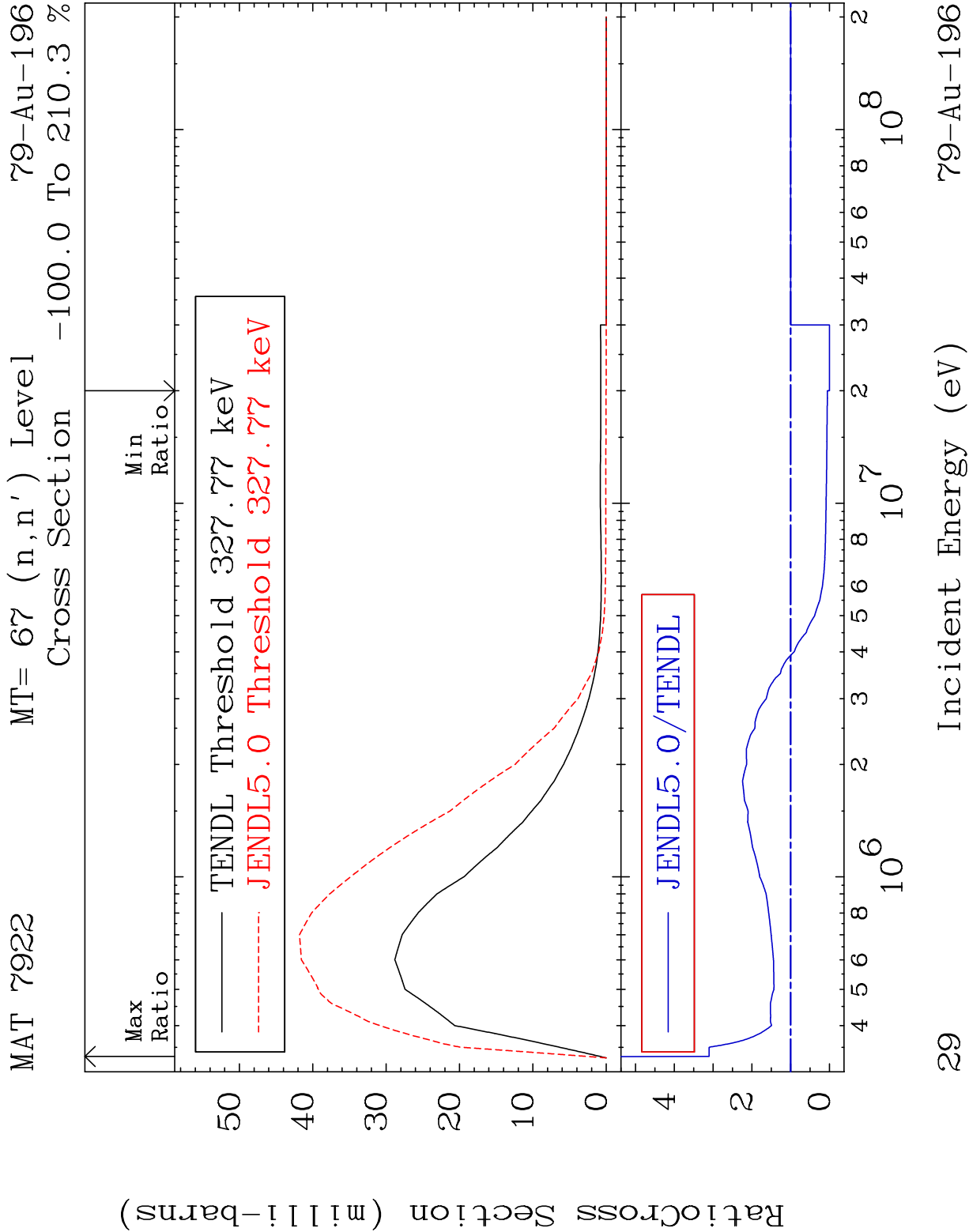


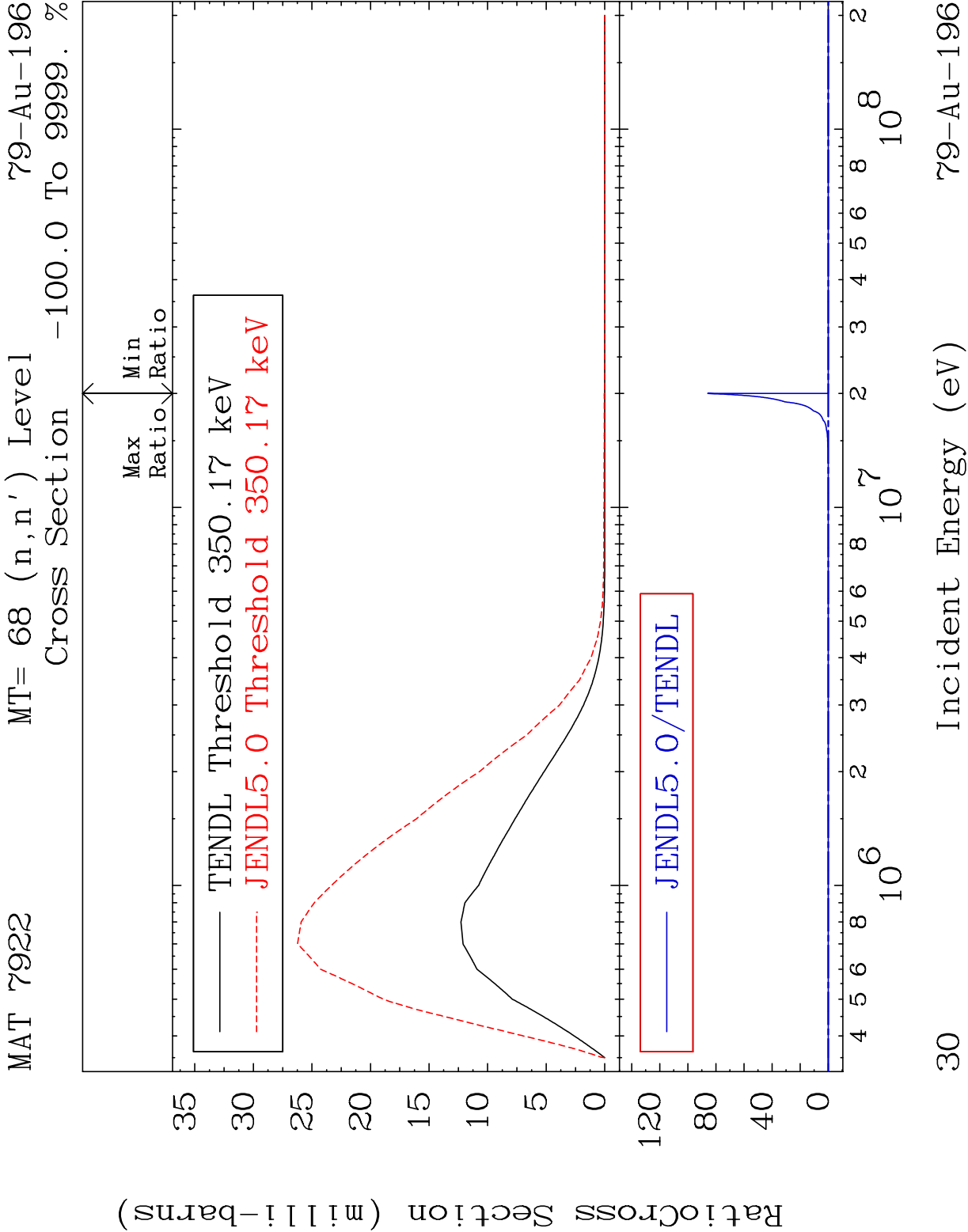


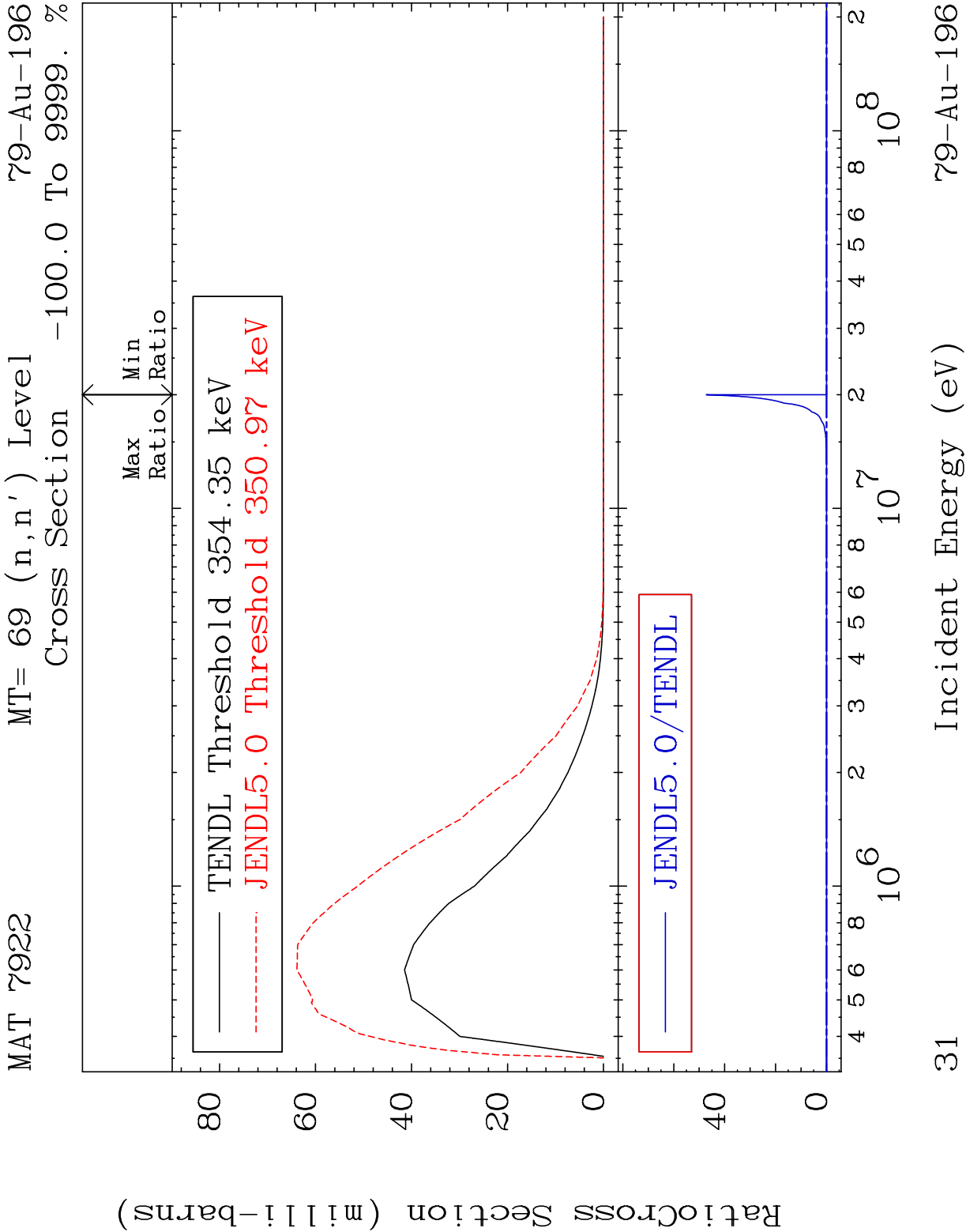


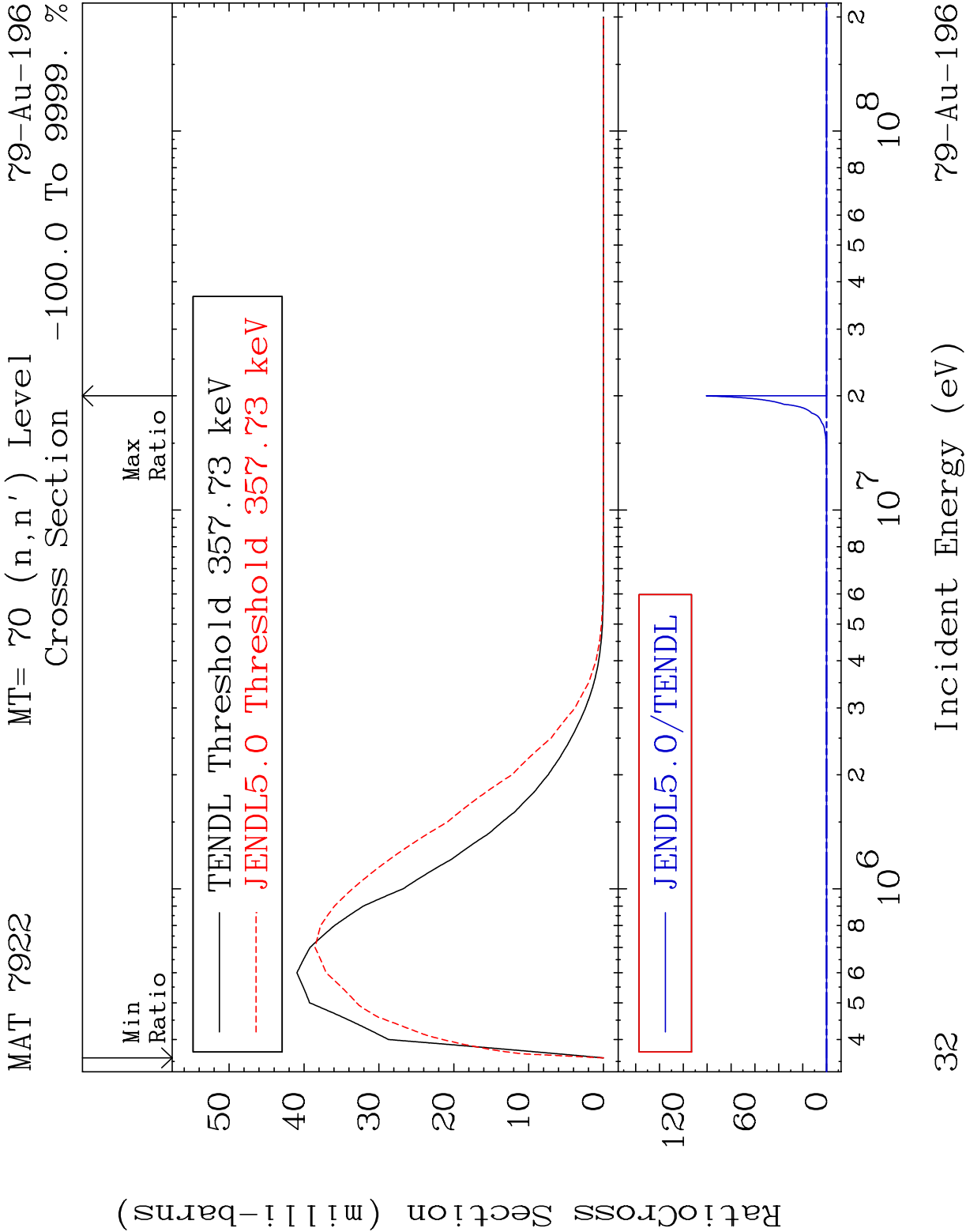


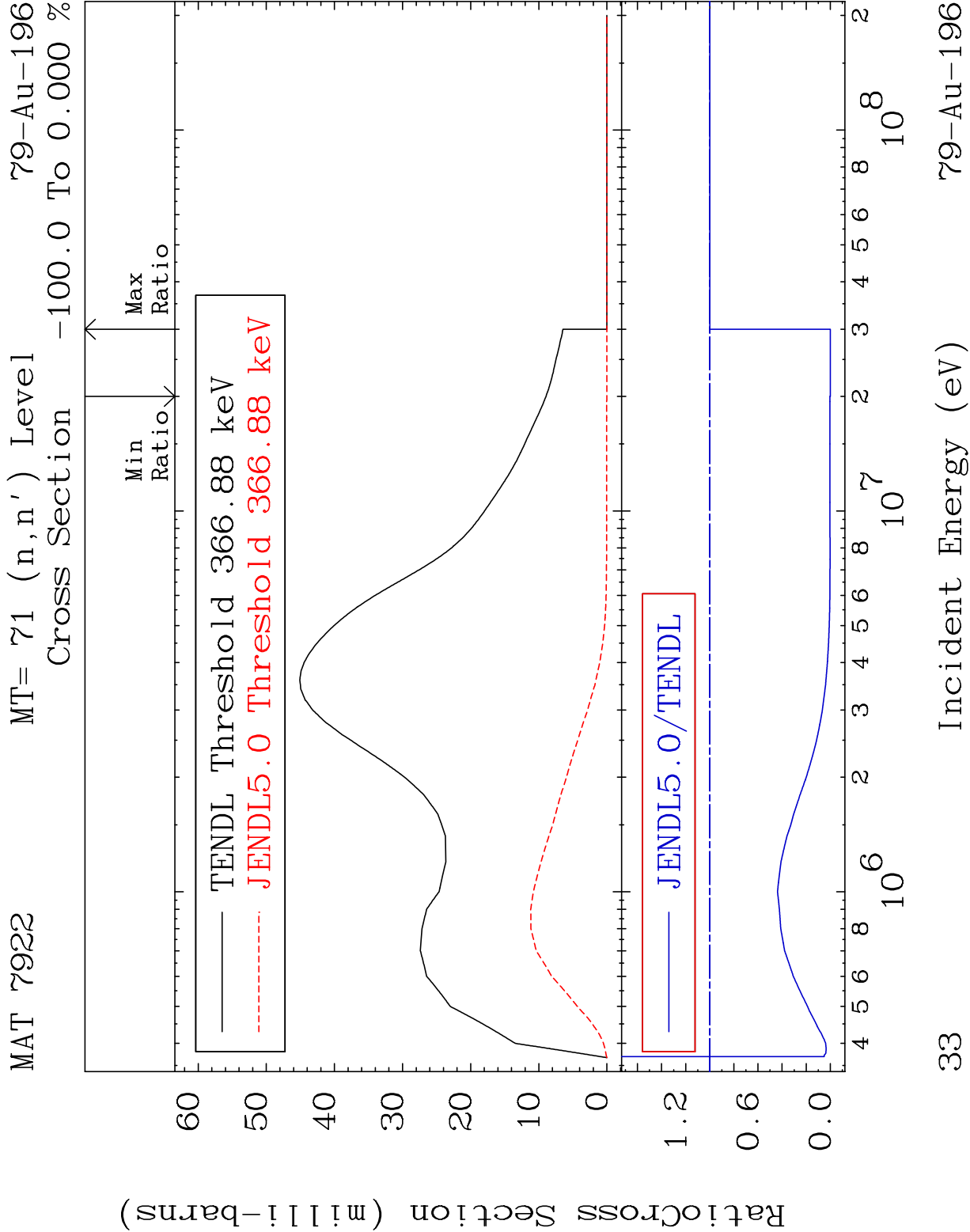


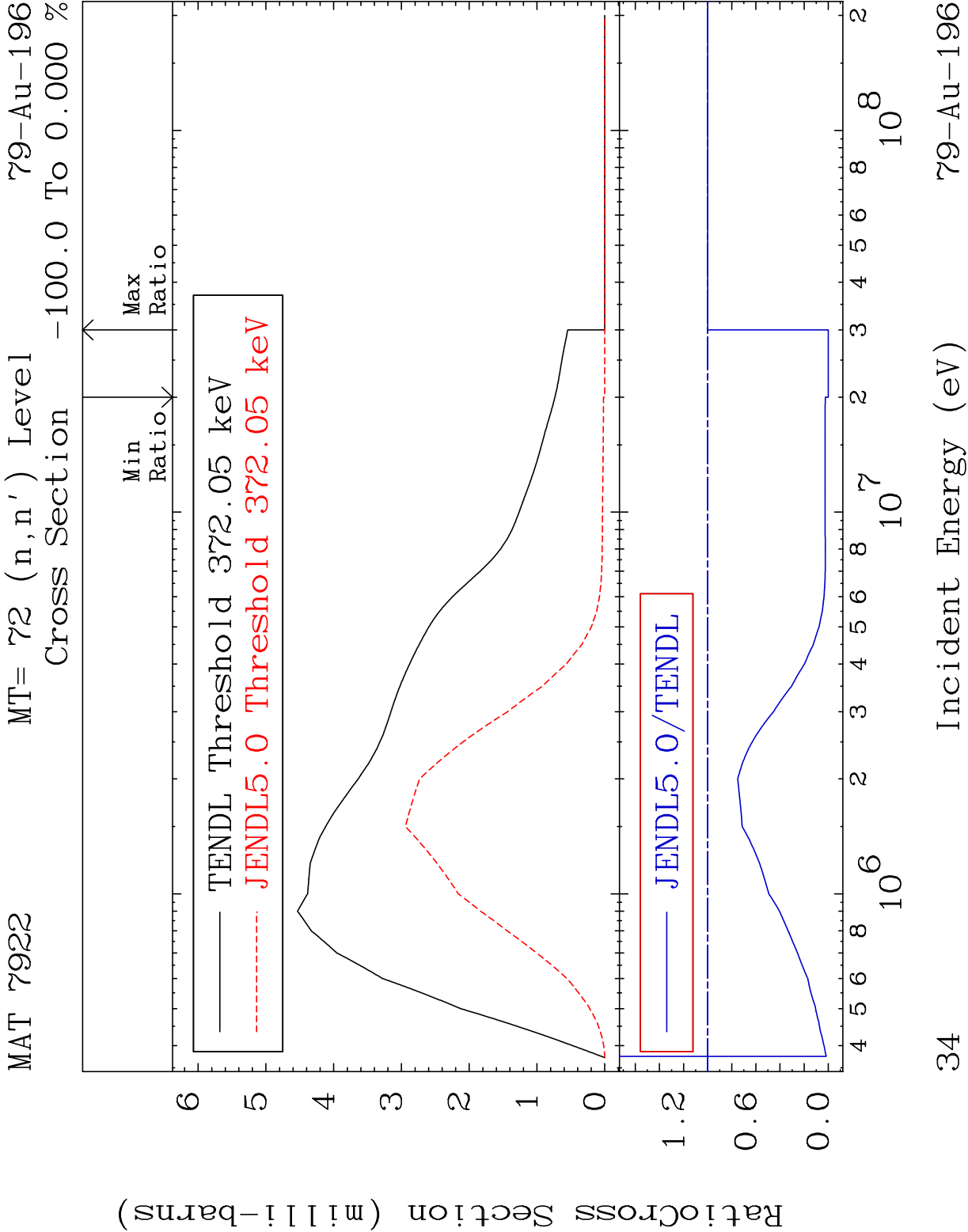


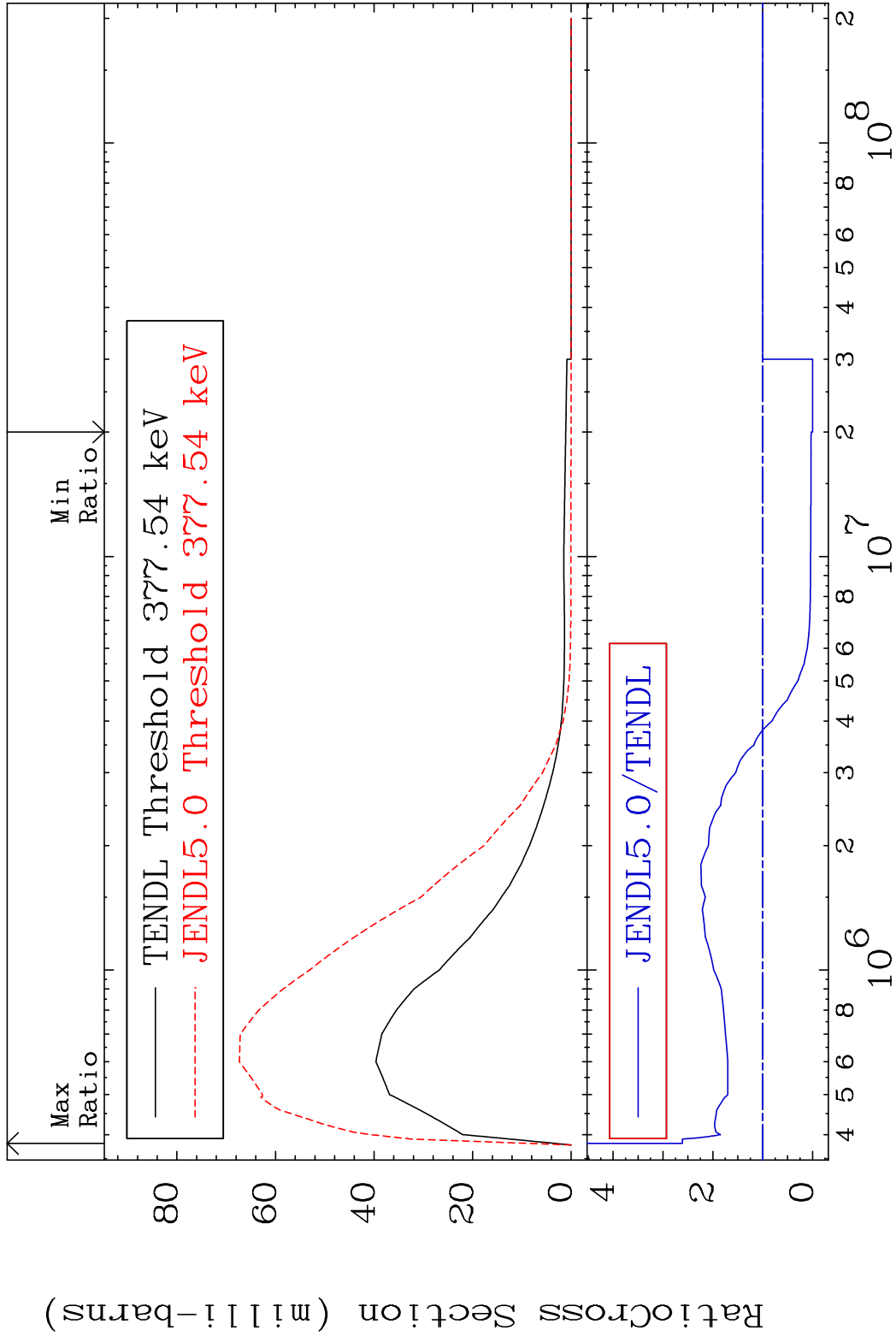


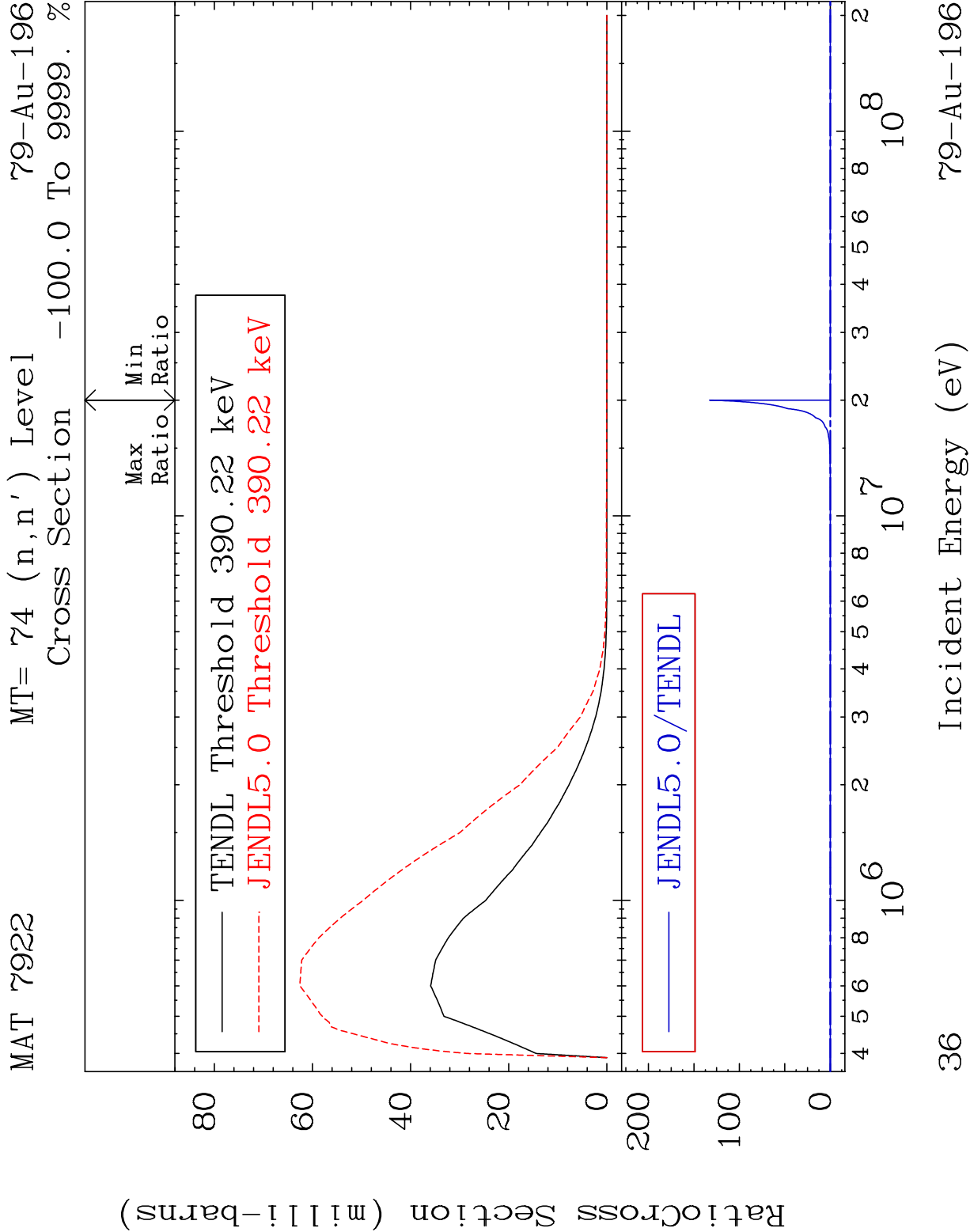


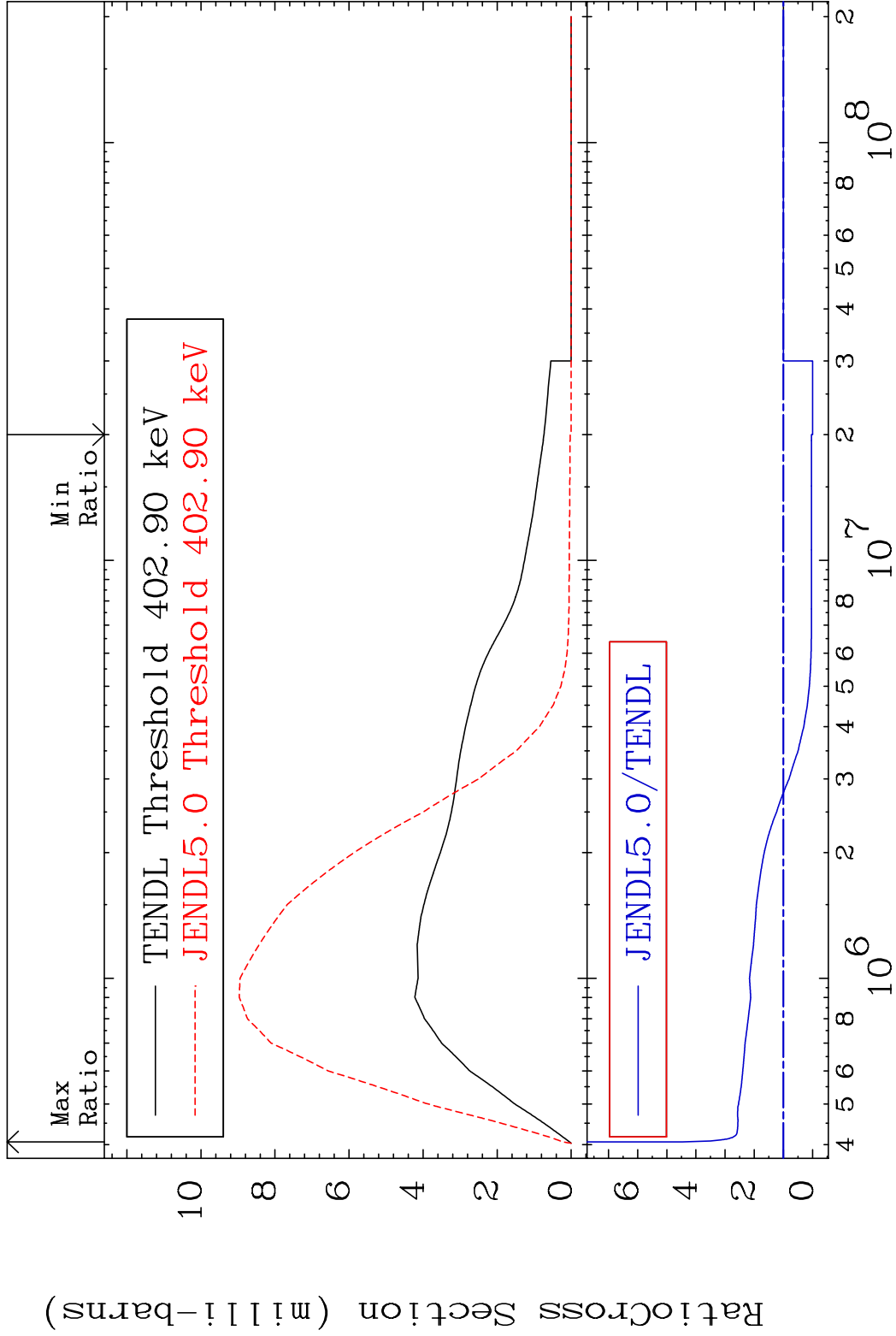




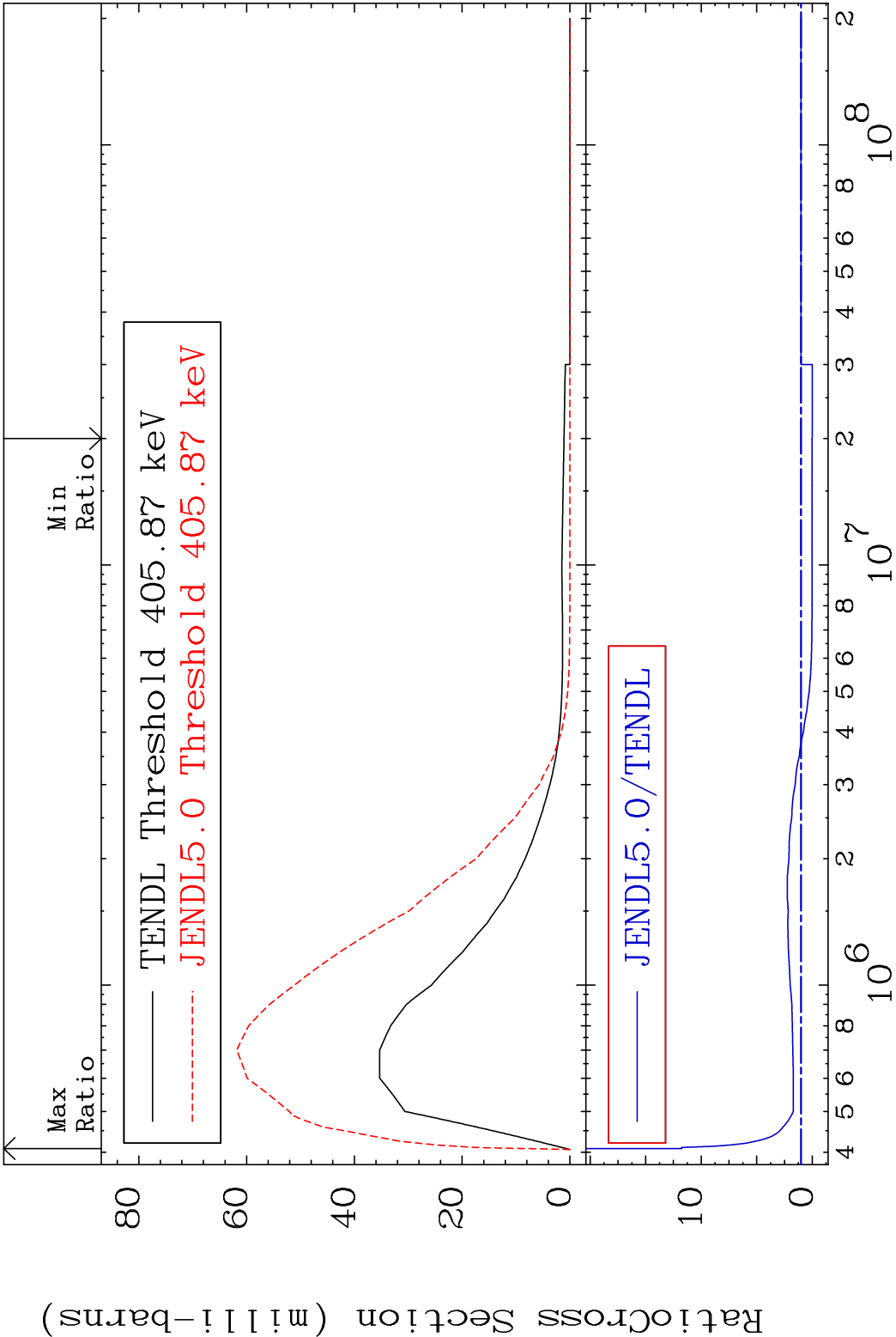


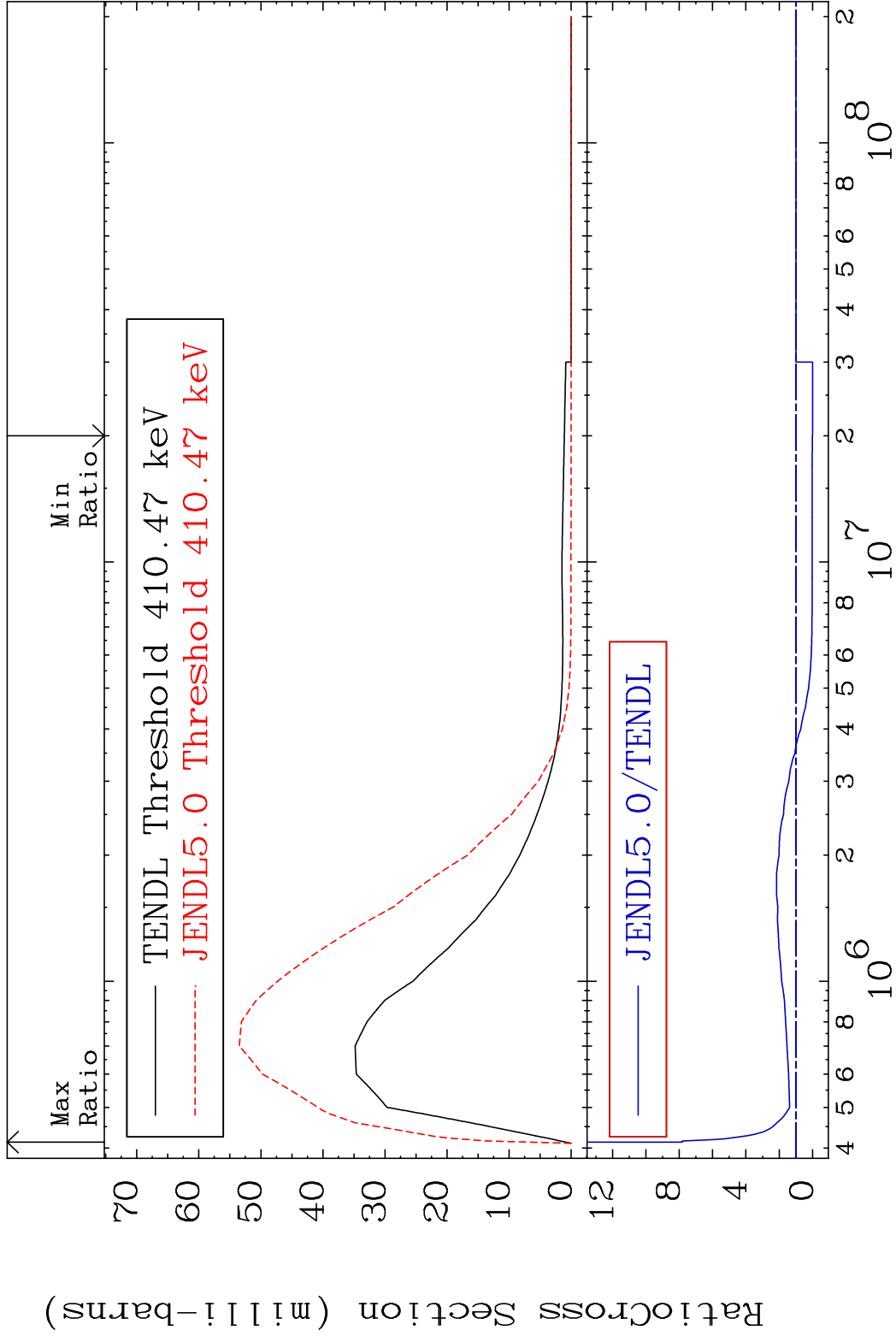


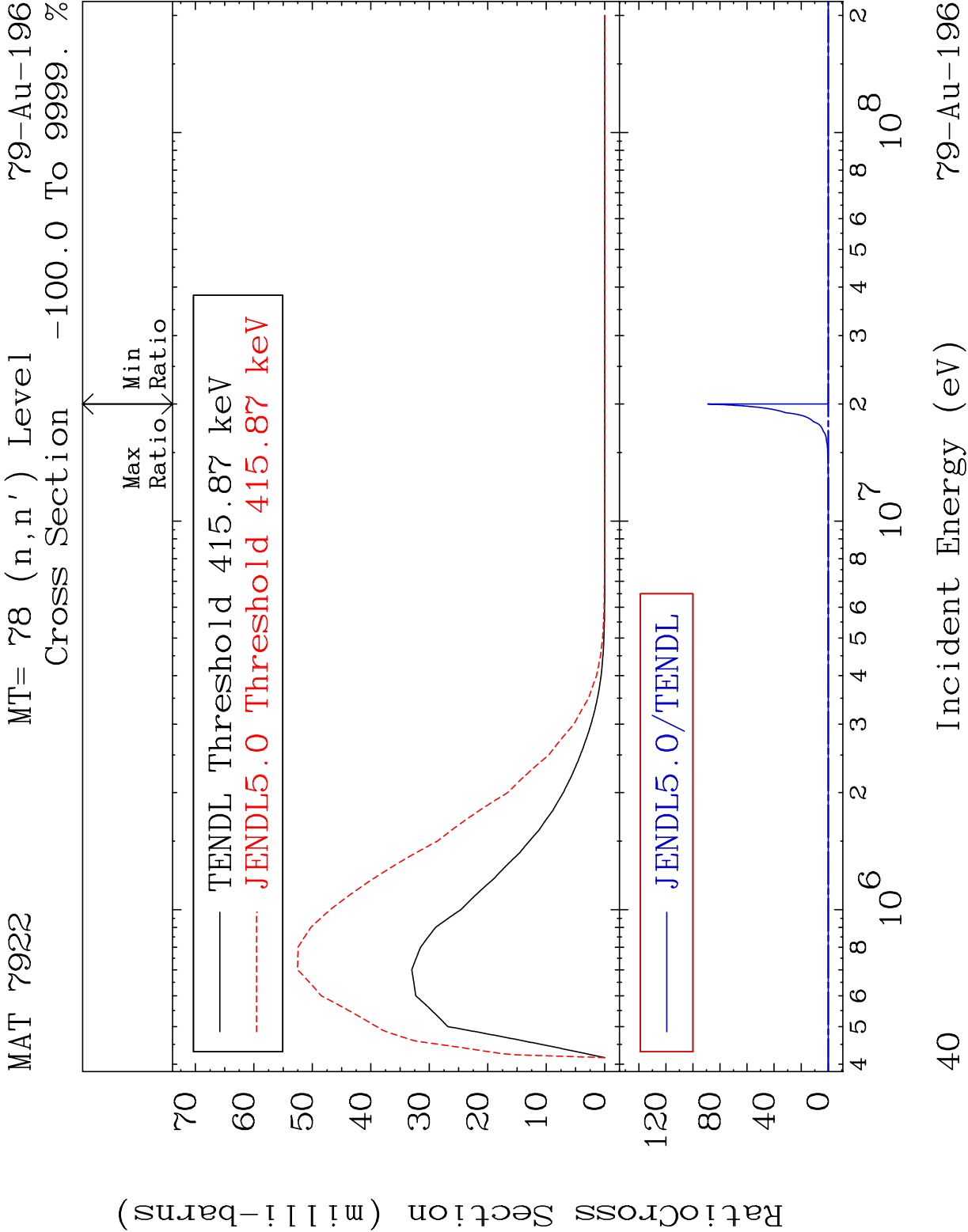


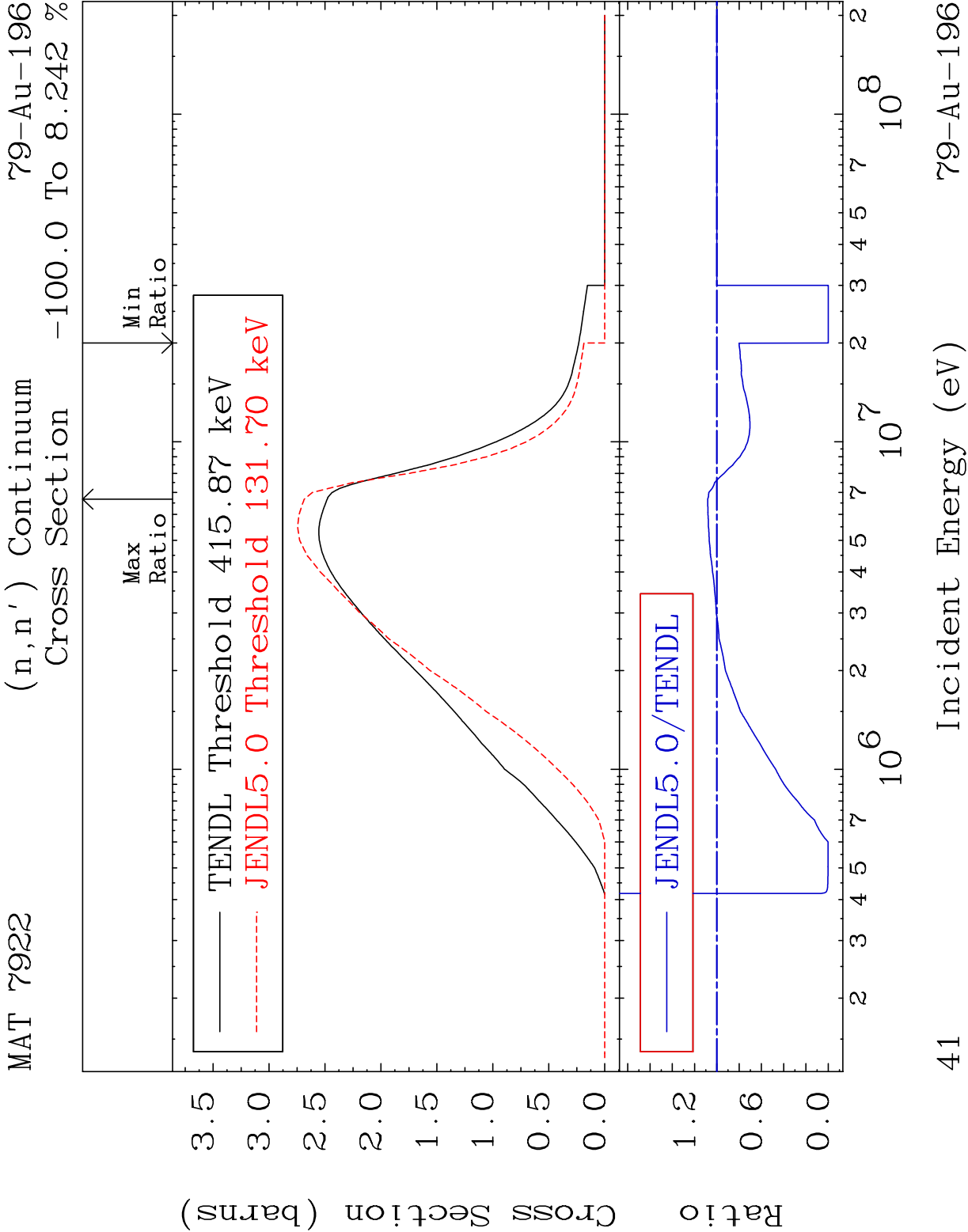


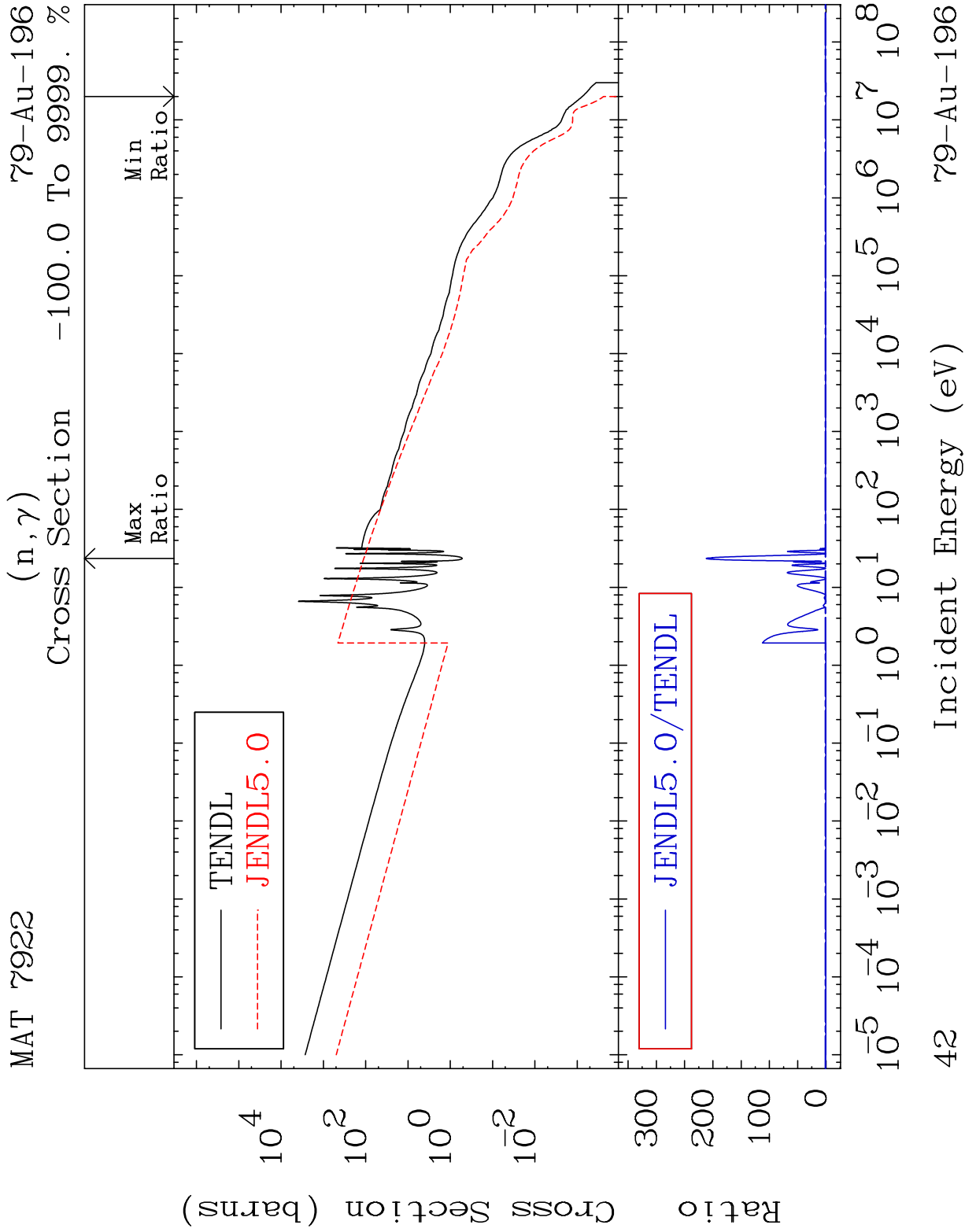
MAT 7922 MT= 76 (n,n') Level 79-Au-196
 Cross Section -100.0 To 1077. %

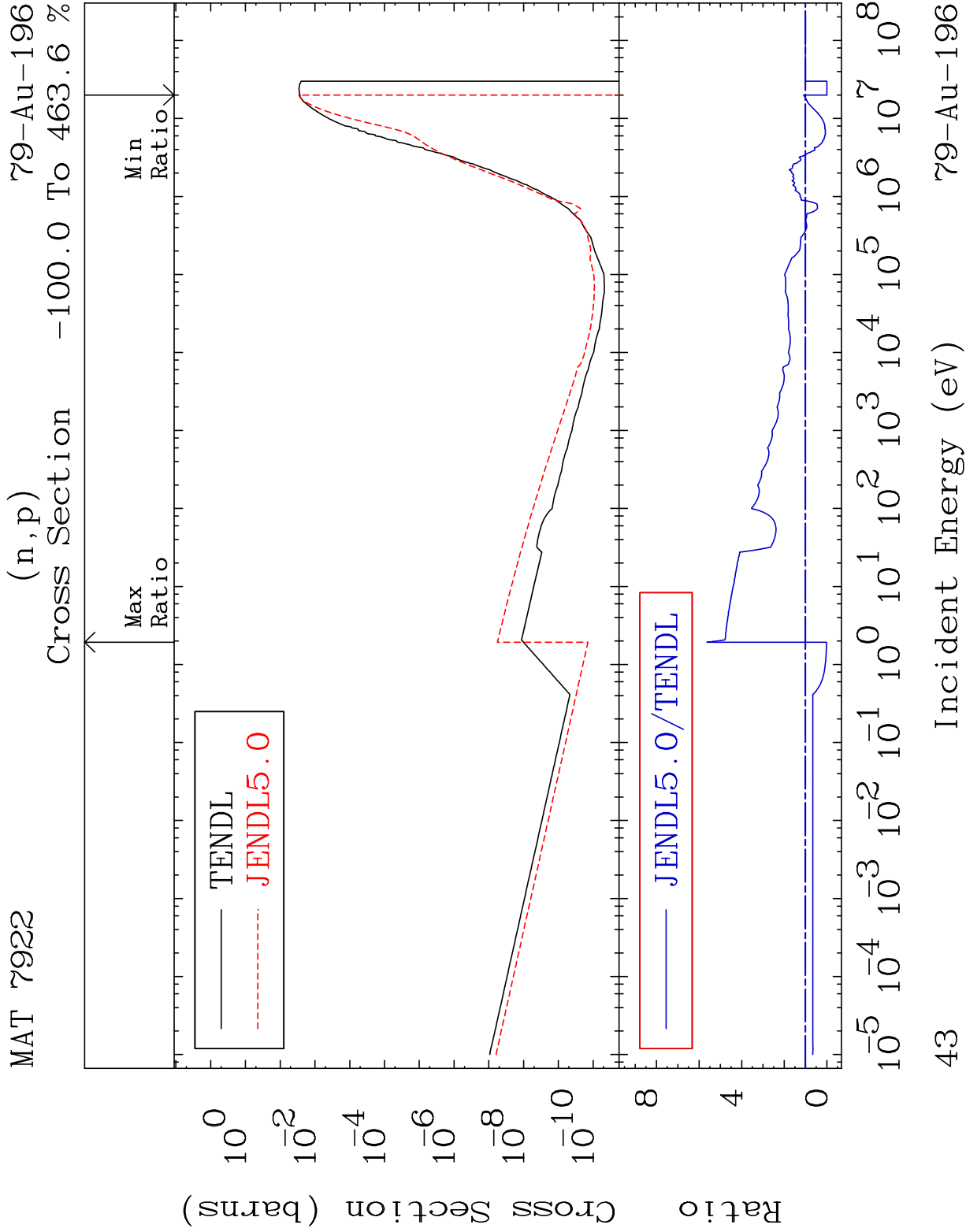










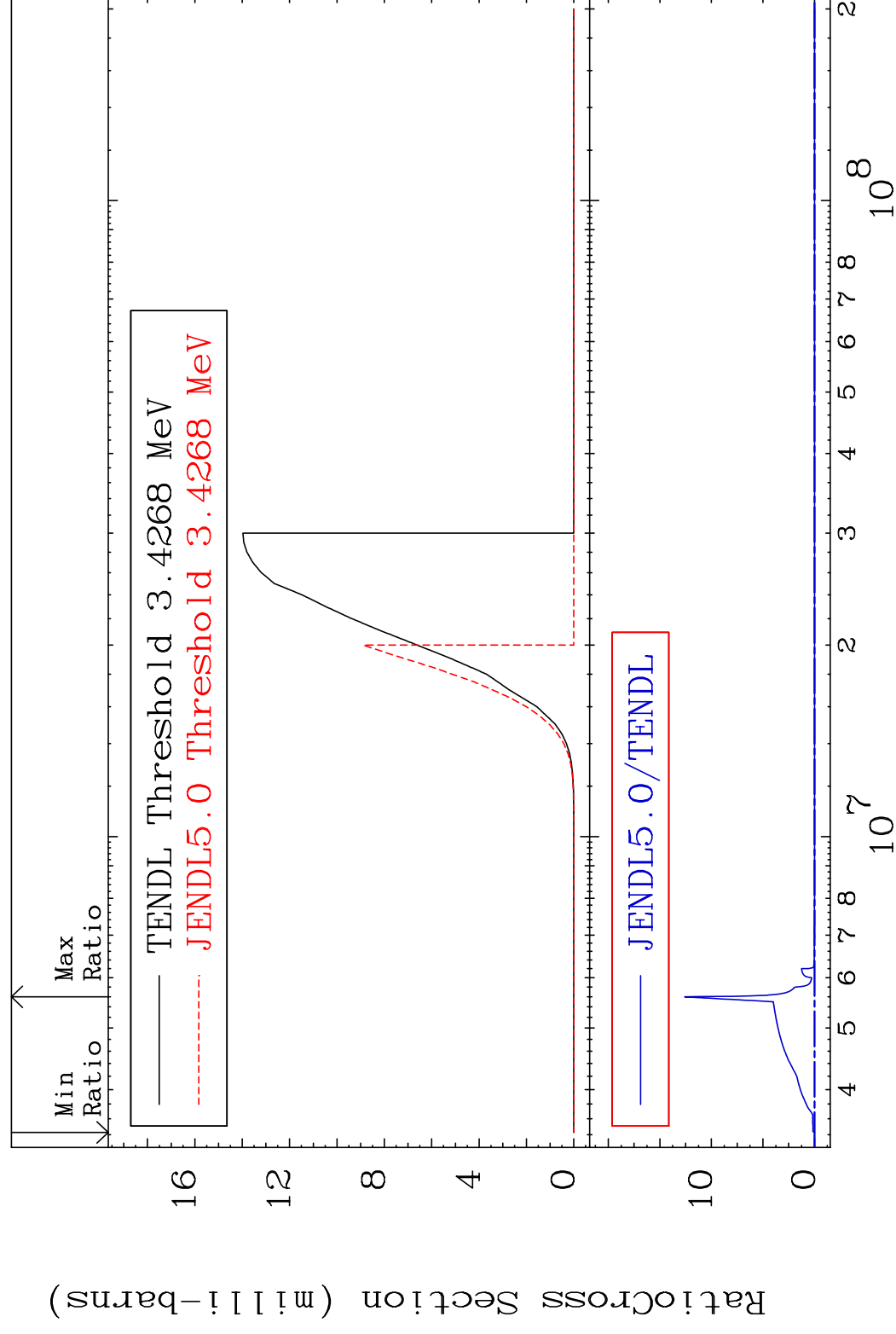


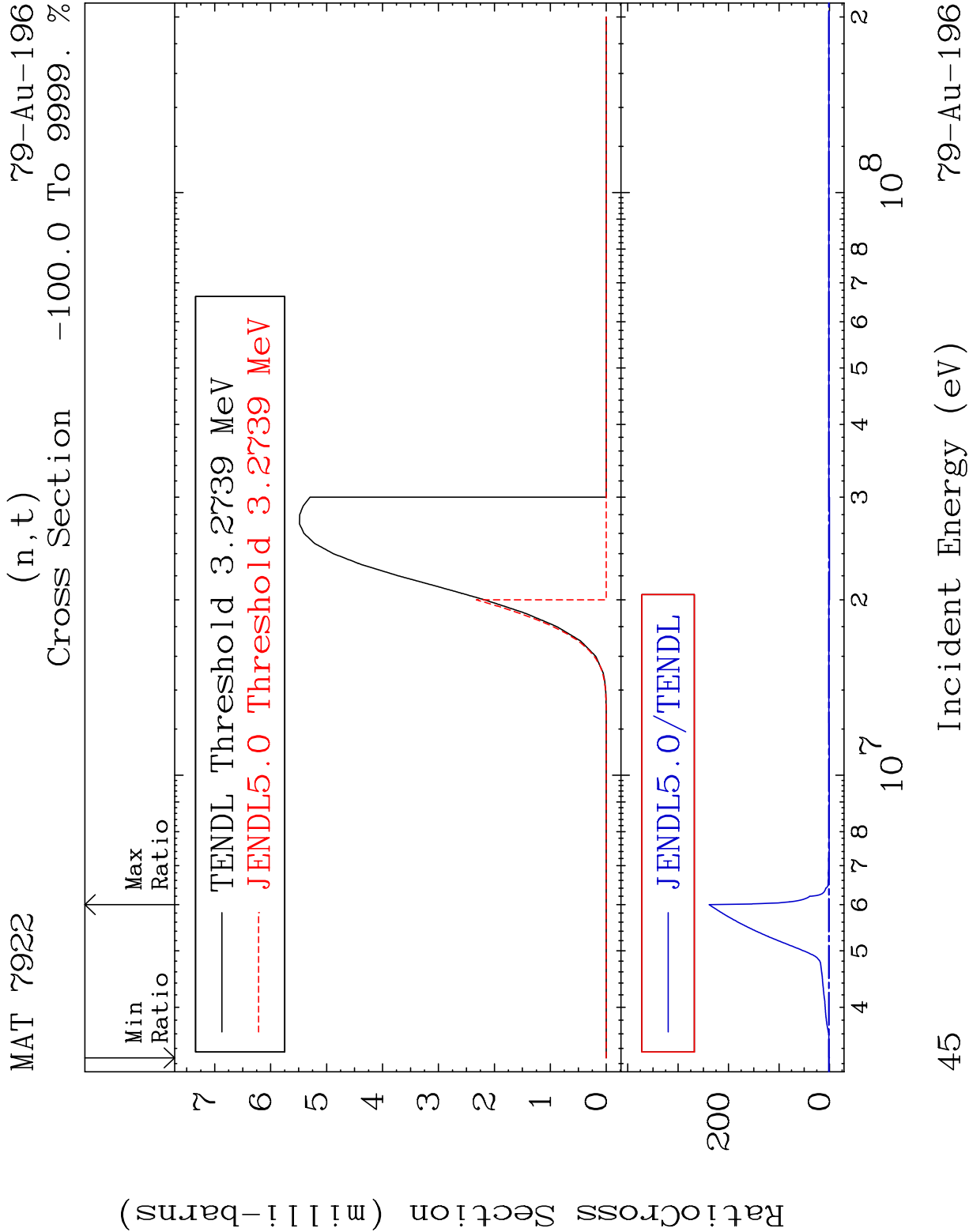
MAT 7922

 (n, d)

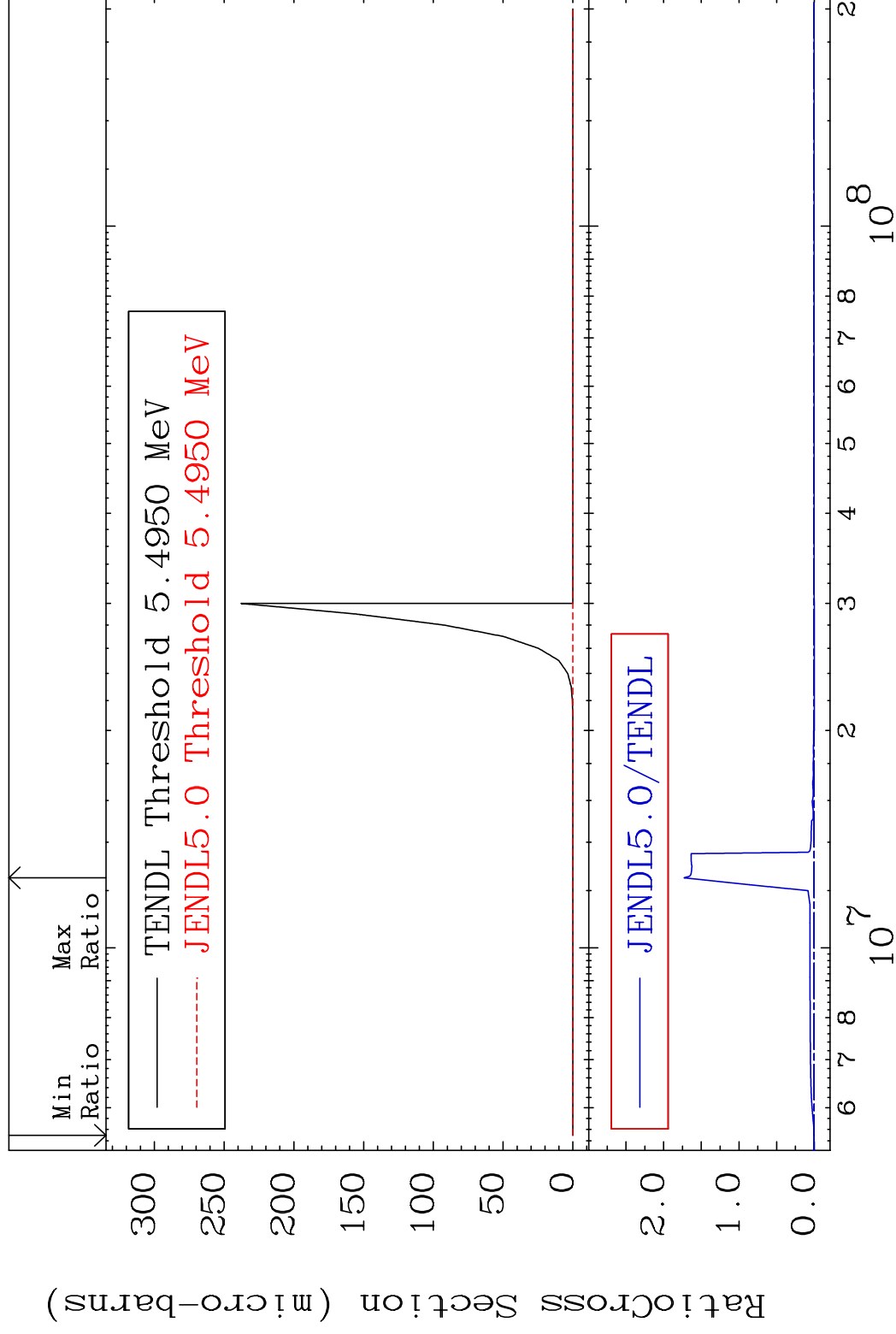
79-Au-196

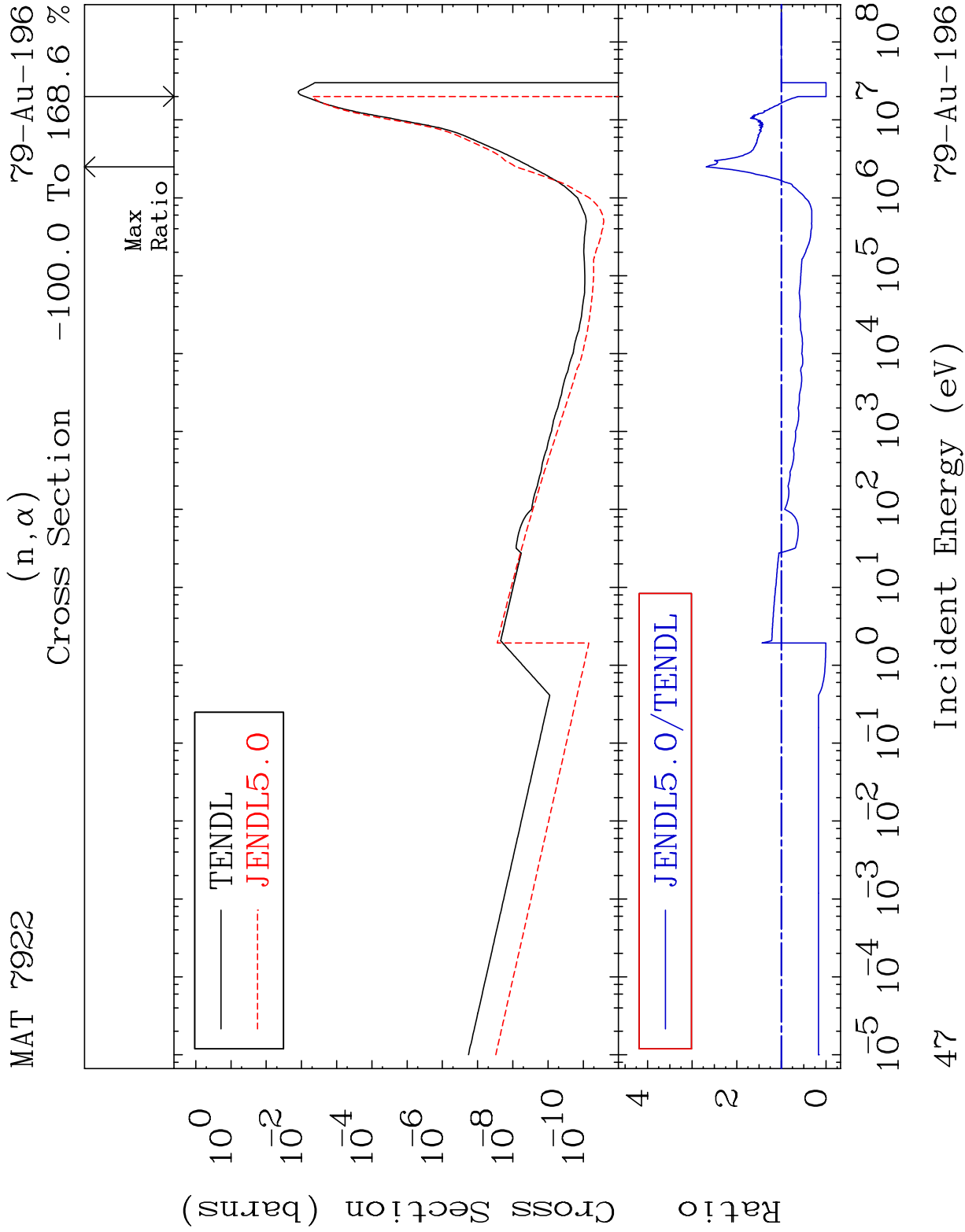
Cross Section -100.0 To 9999. %

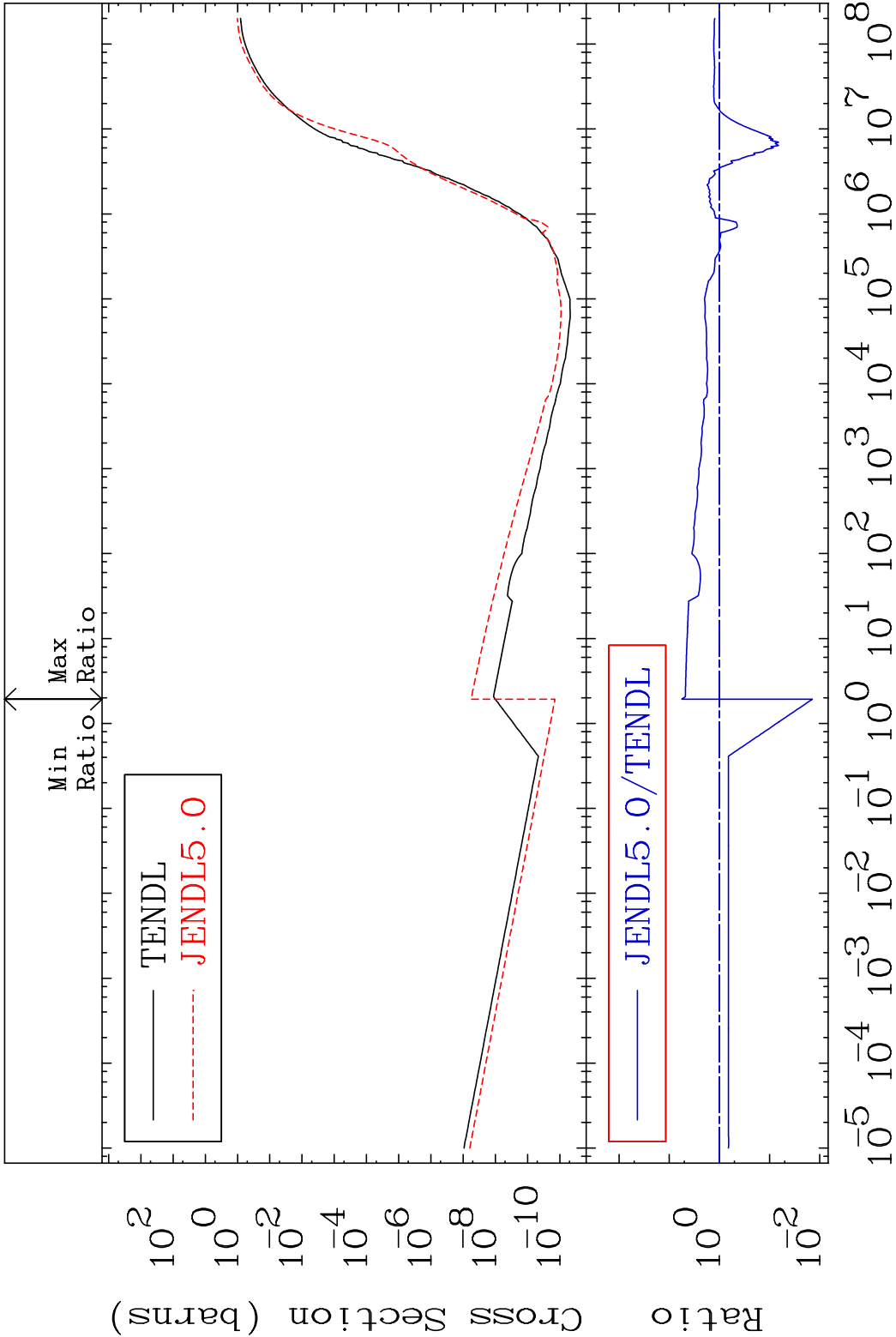


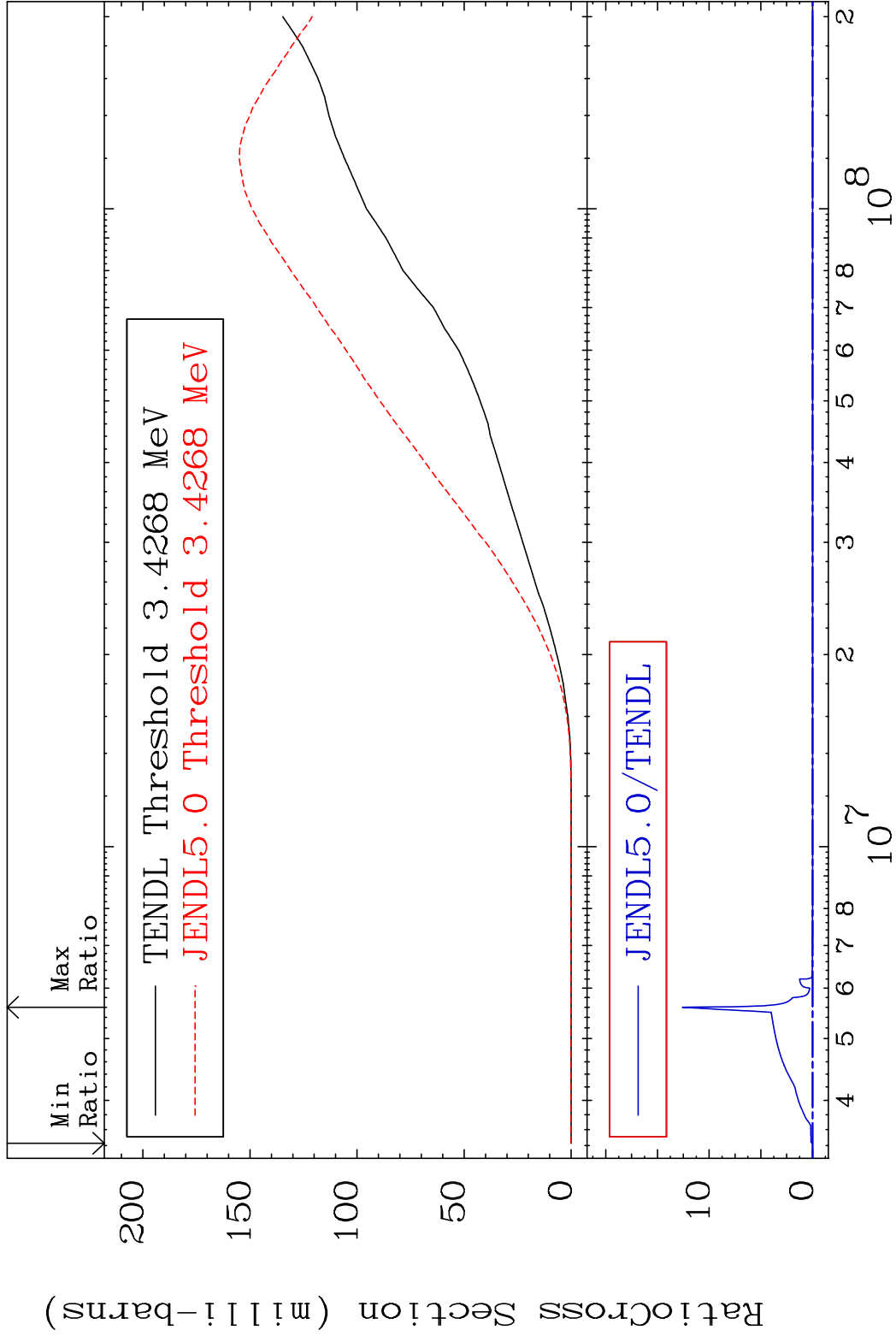


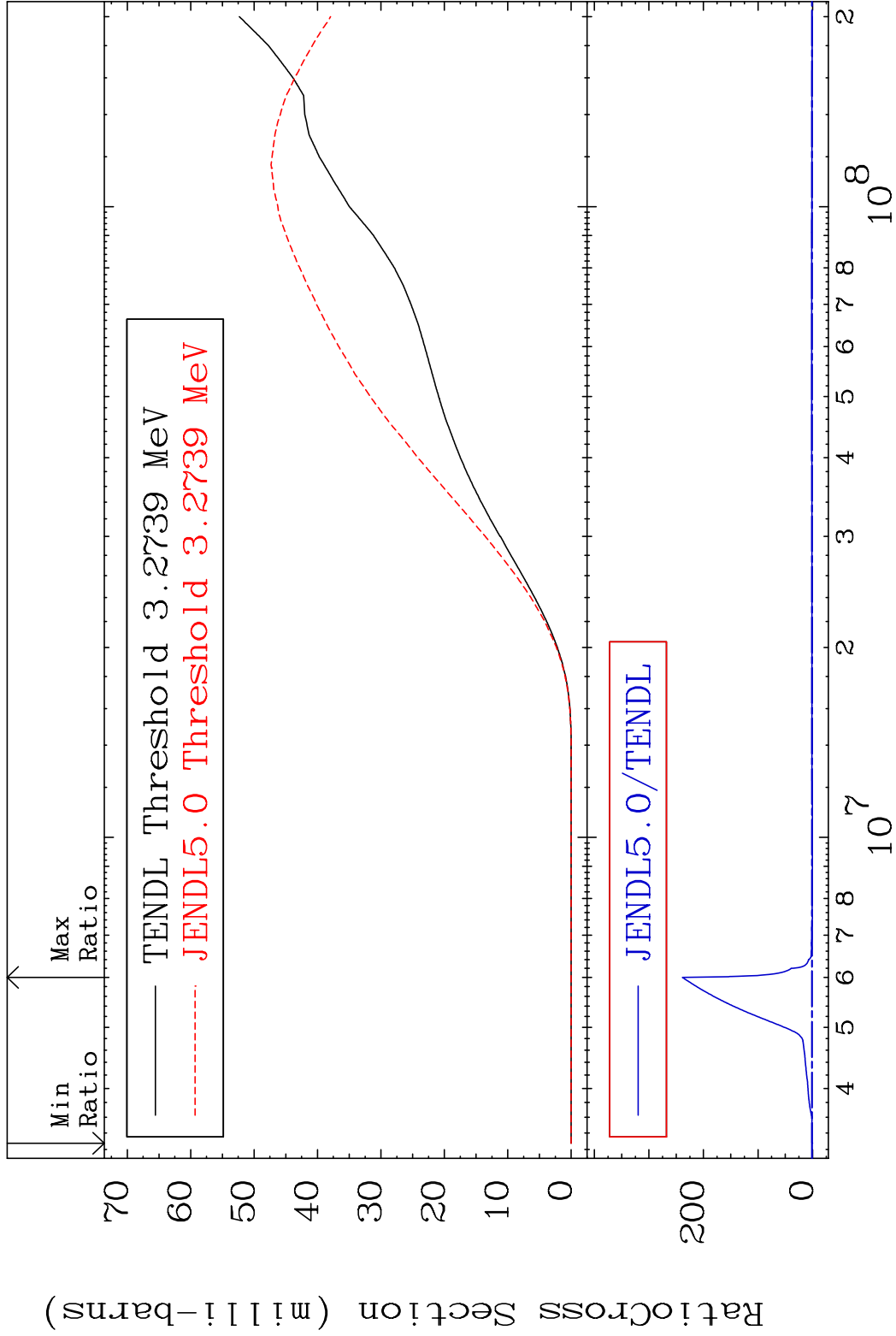
Cross Section -100.0 To 9999. %

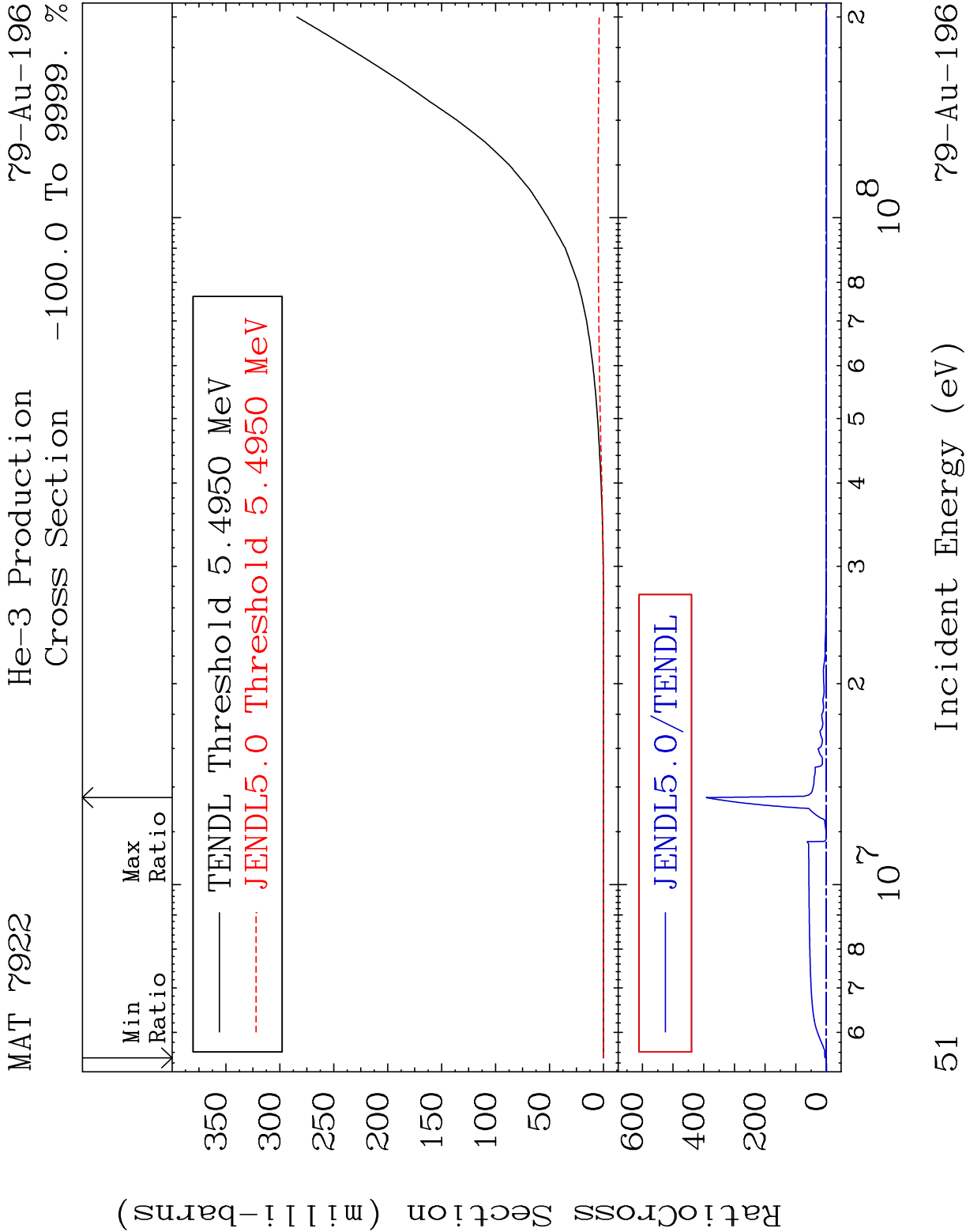


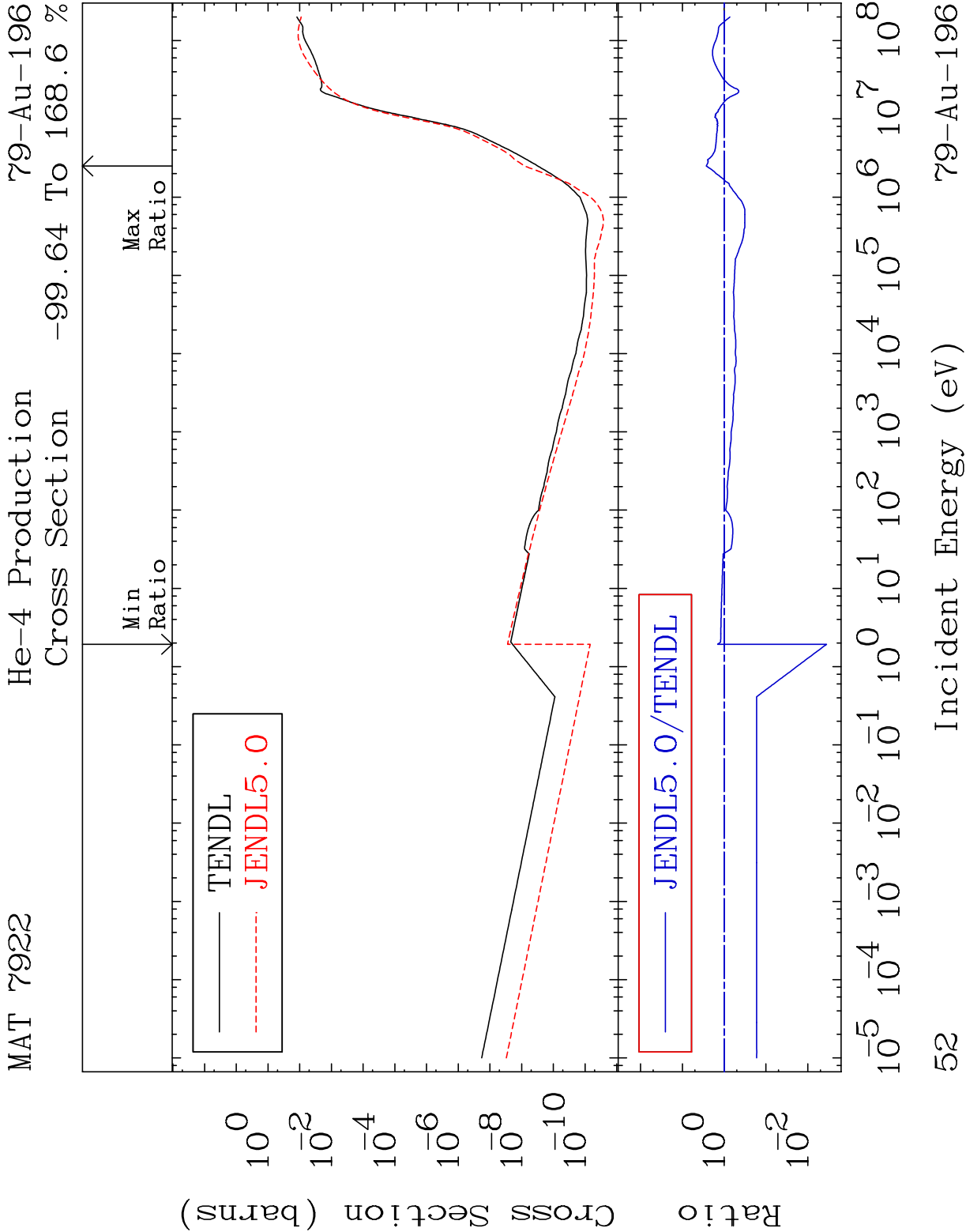












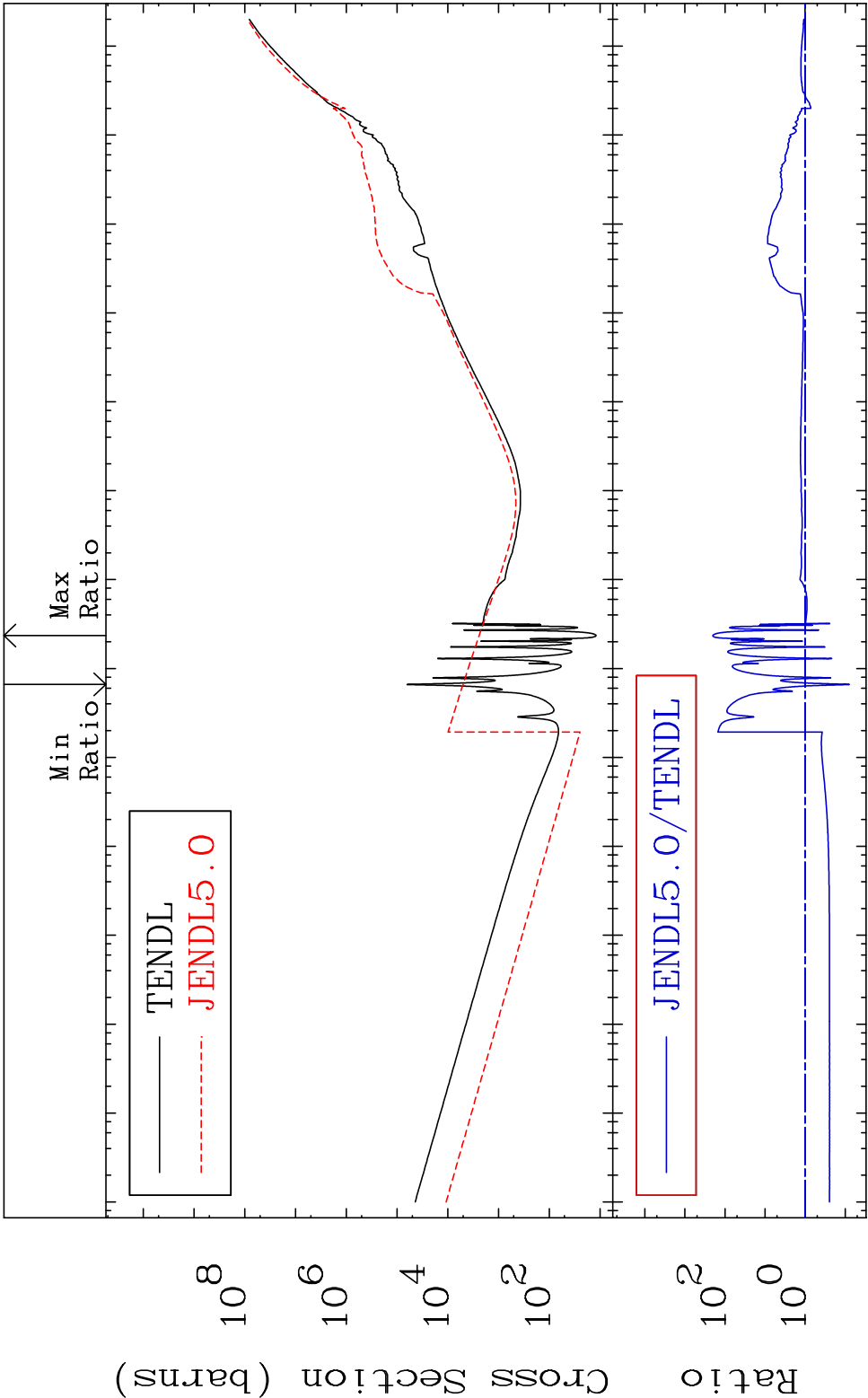
MAT 7922

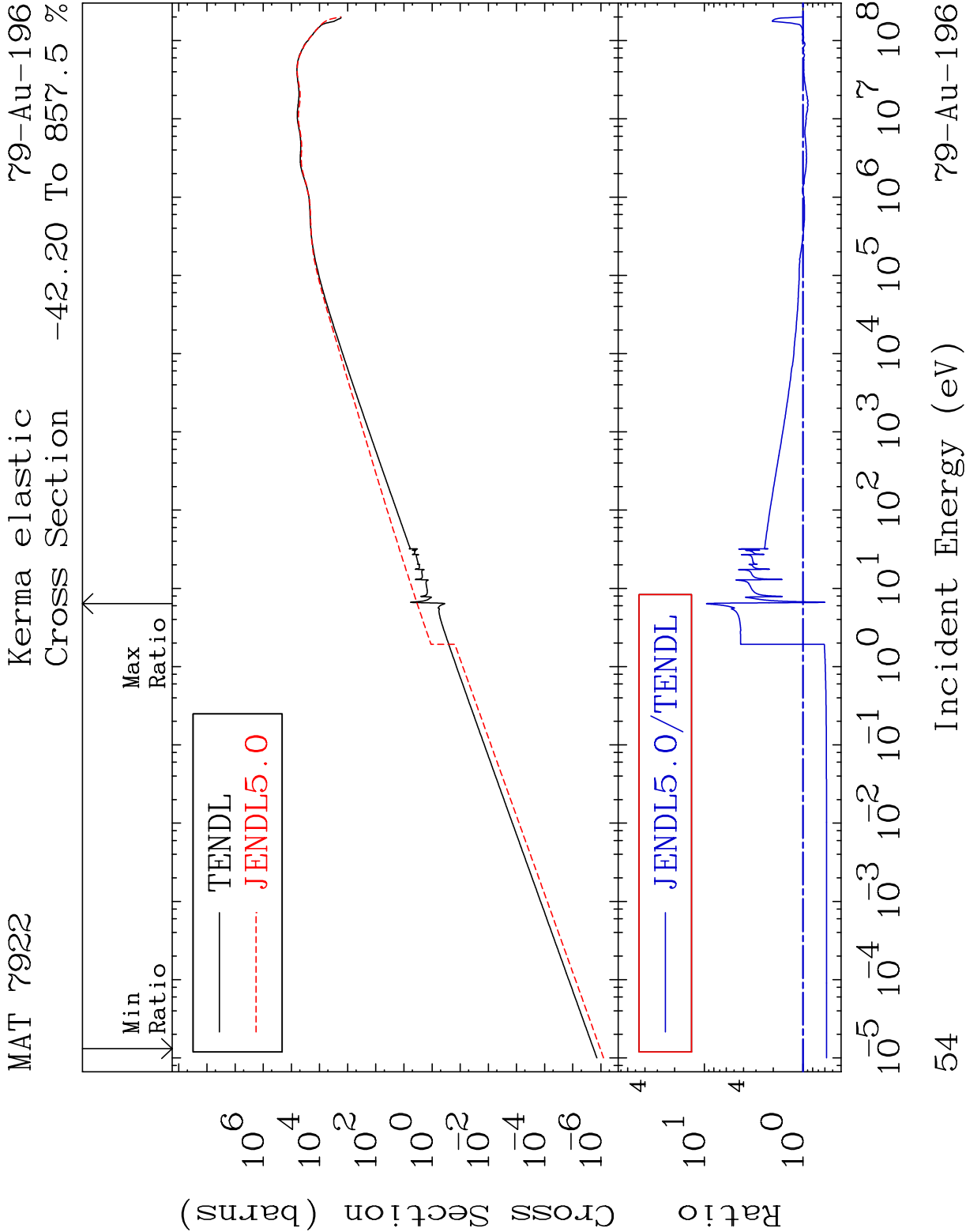
Kerma total (eV-barns)

79-Au-196

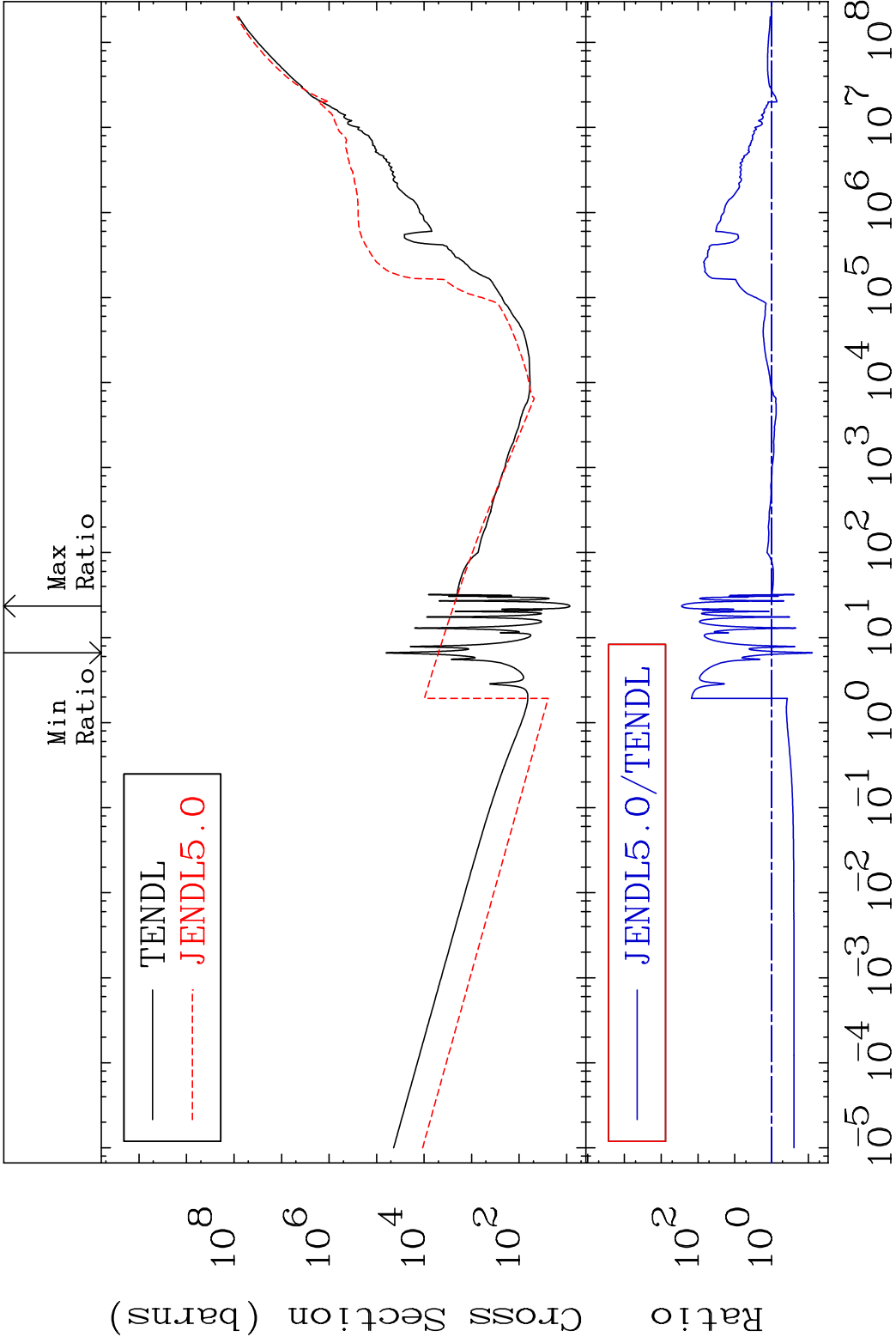
Cross Section

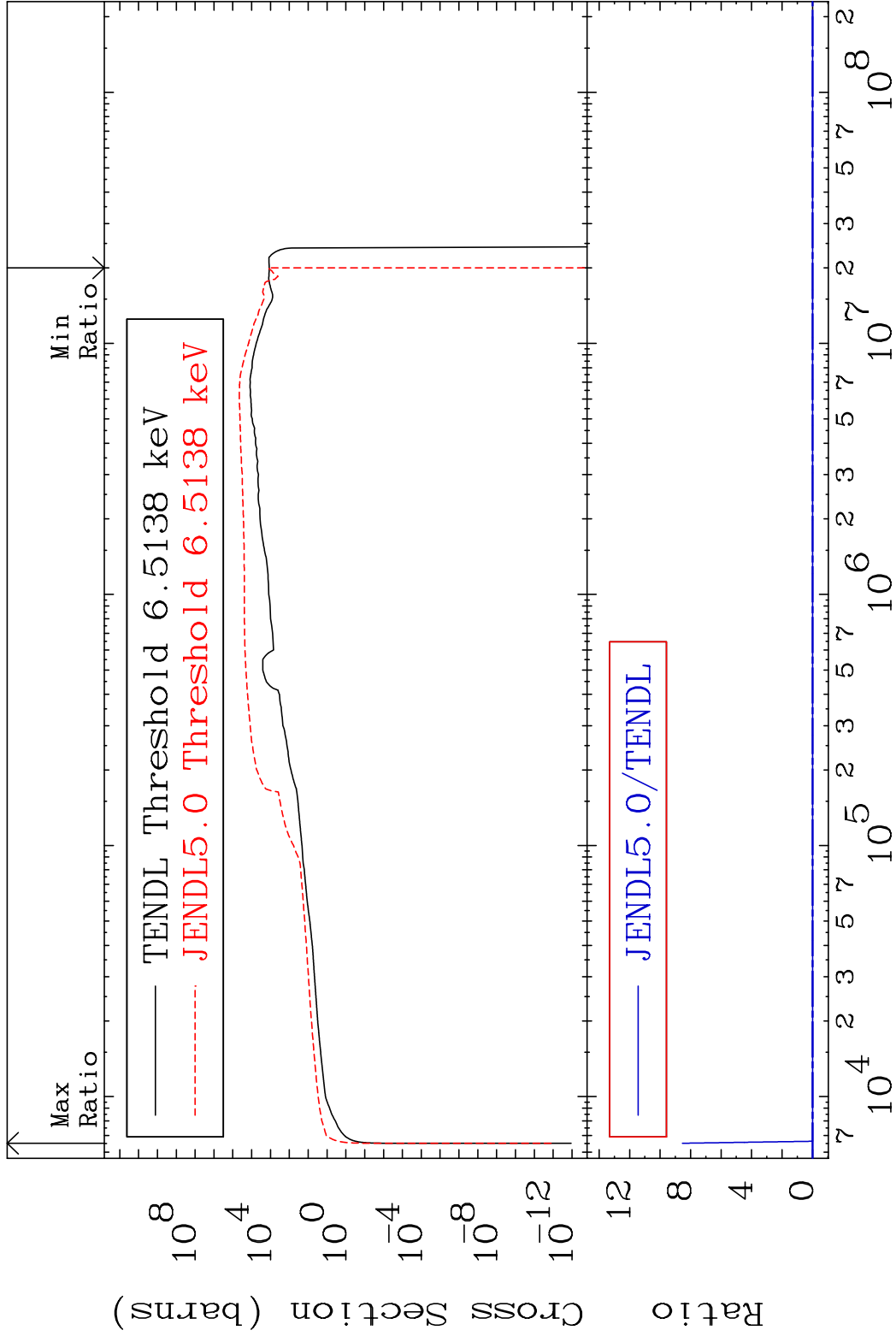
-92.19 To 9999. %



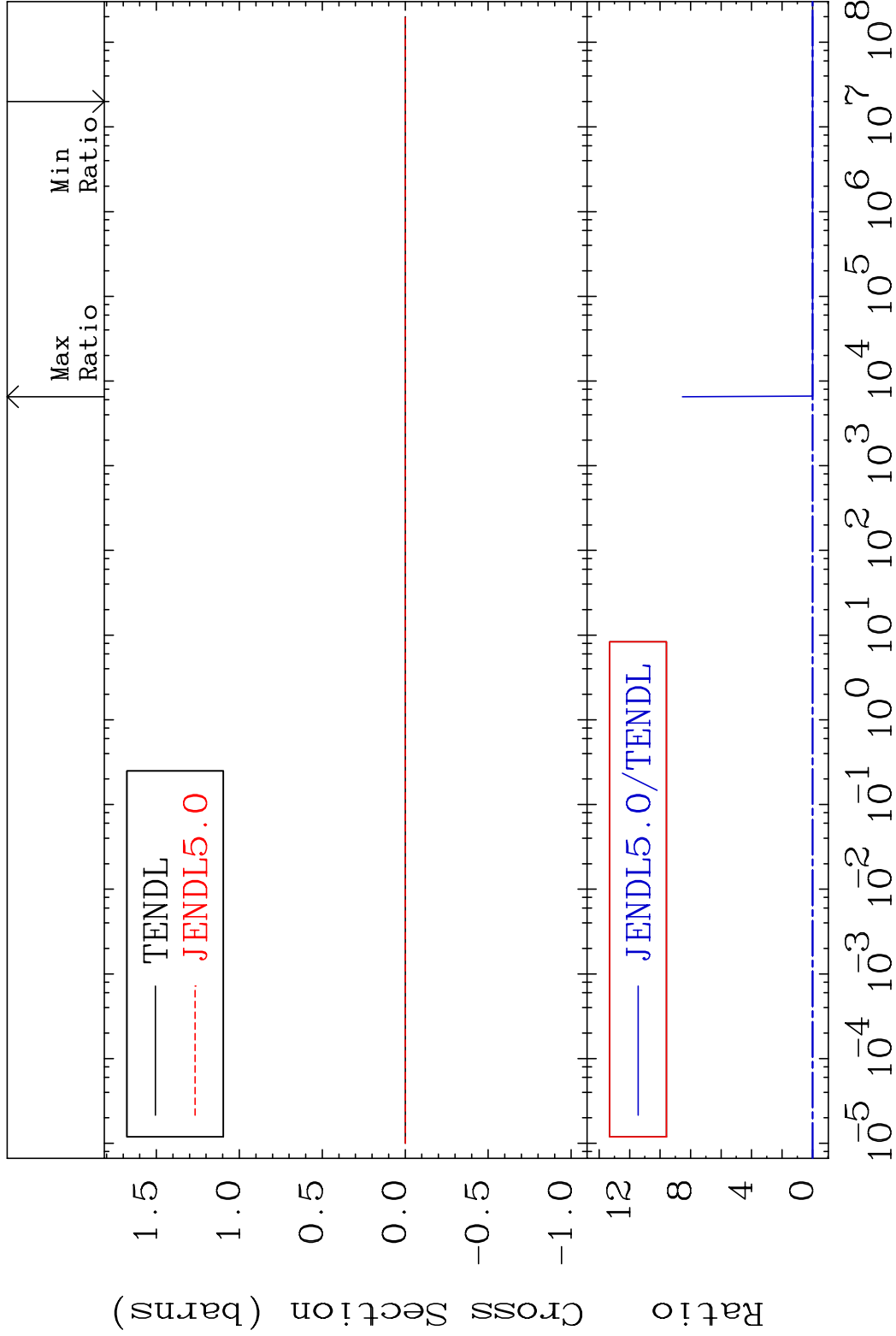


MAT 7922 Kerma non-elastic (all but mt2) 79-Au-196
Cross Section -92.19 To 9999. %

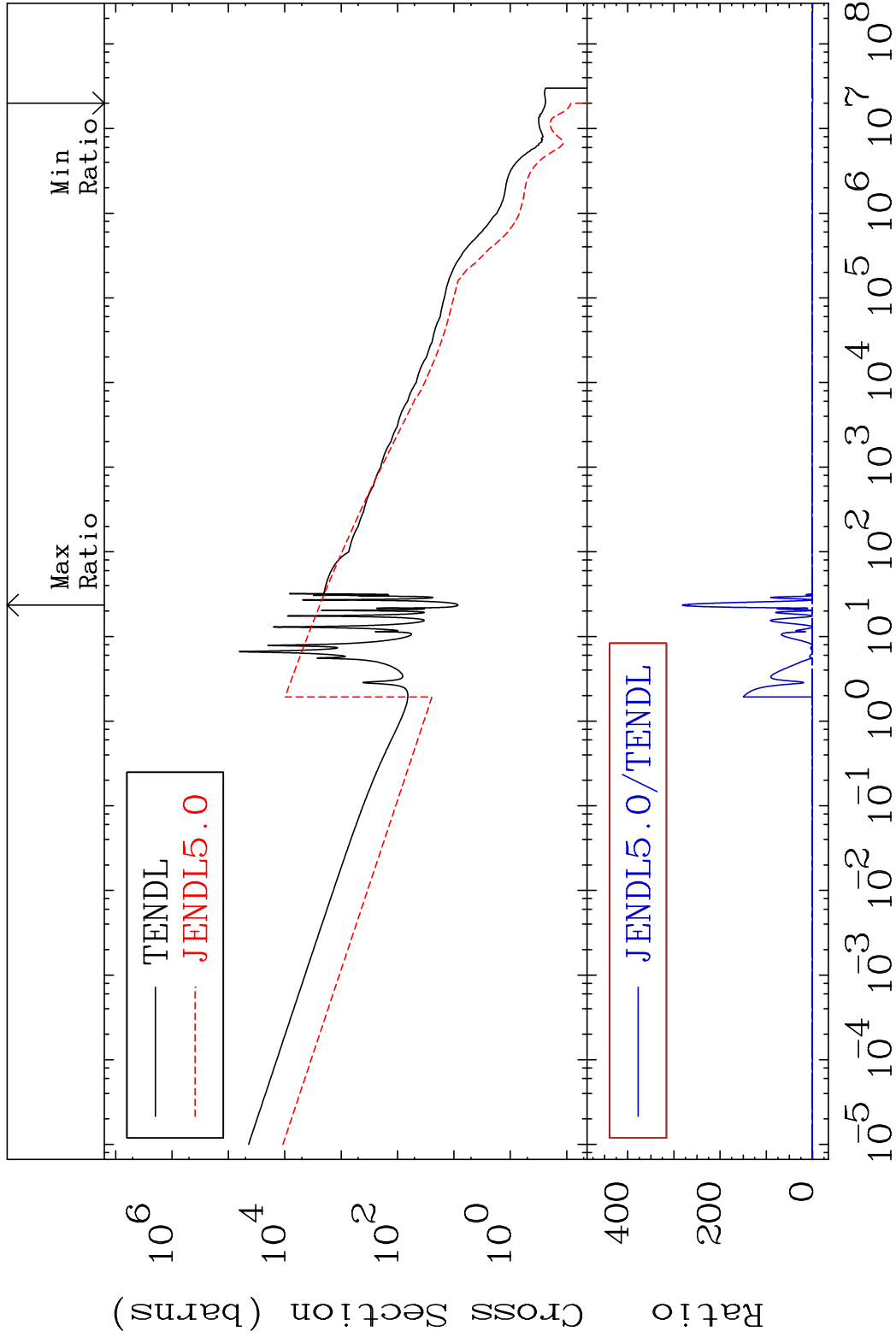




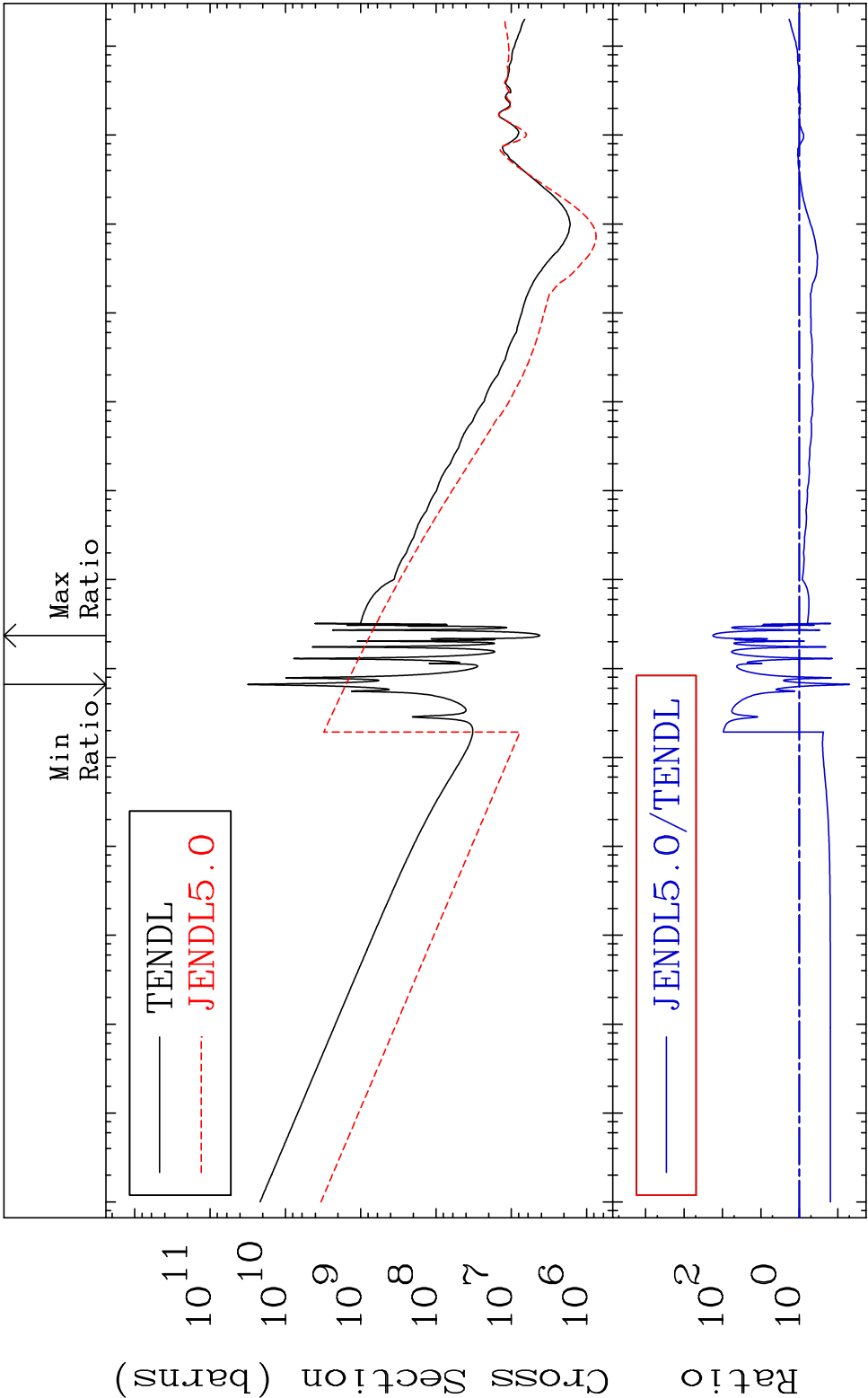
MAT 7922Kerma fission (mt18 or mt19-20-21-38)79-Au-196
Cross Section -100.0 To 9999. %



57 Incident Energy (eV) 79-Au-196



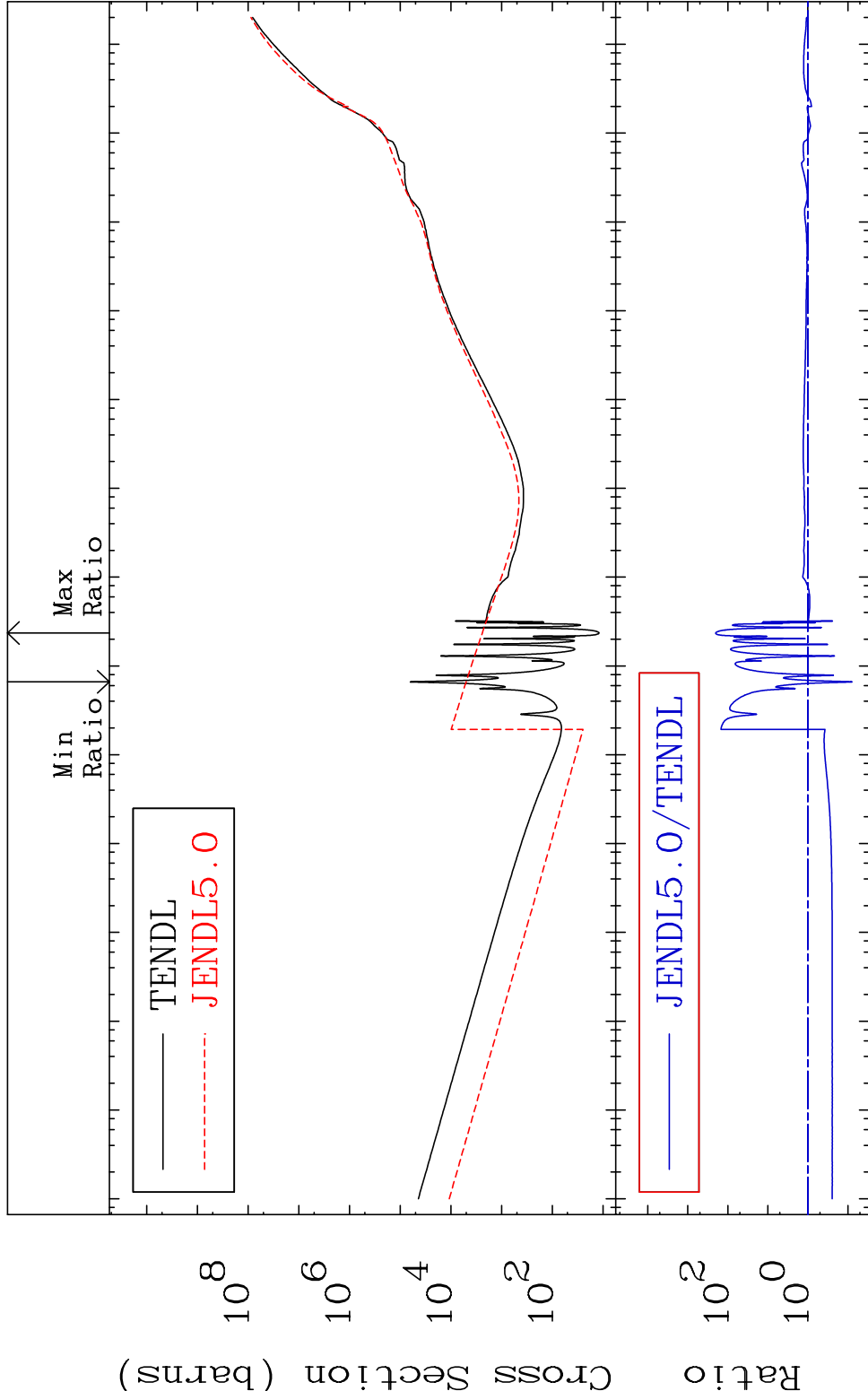
MAT 7922 Total photon (eV-barns) 79-Au-196
Cross Section -95.06 To 9999. %



59 Incident Energy (eV) 79-Au-196

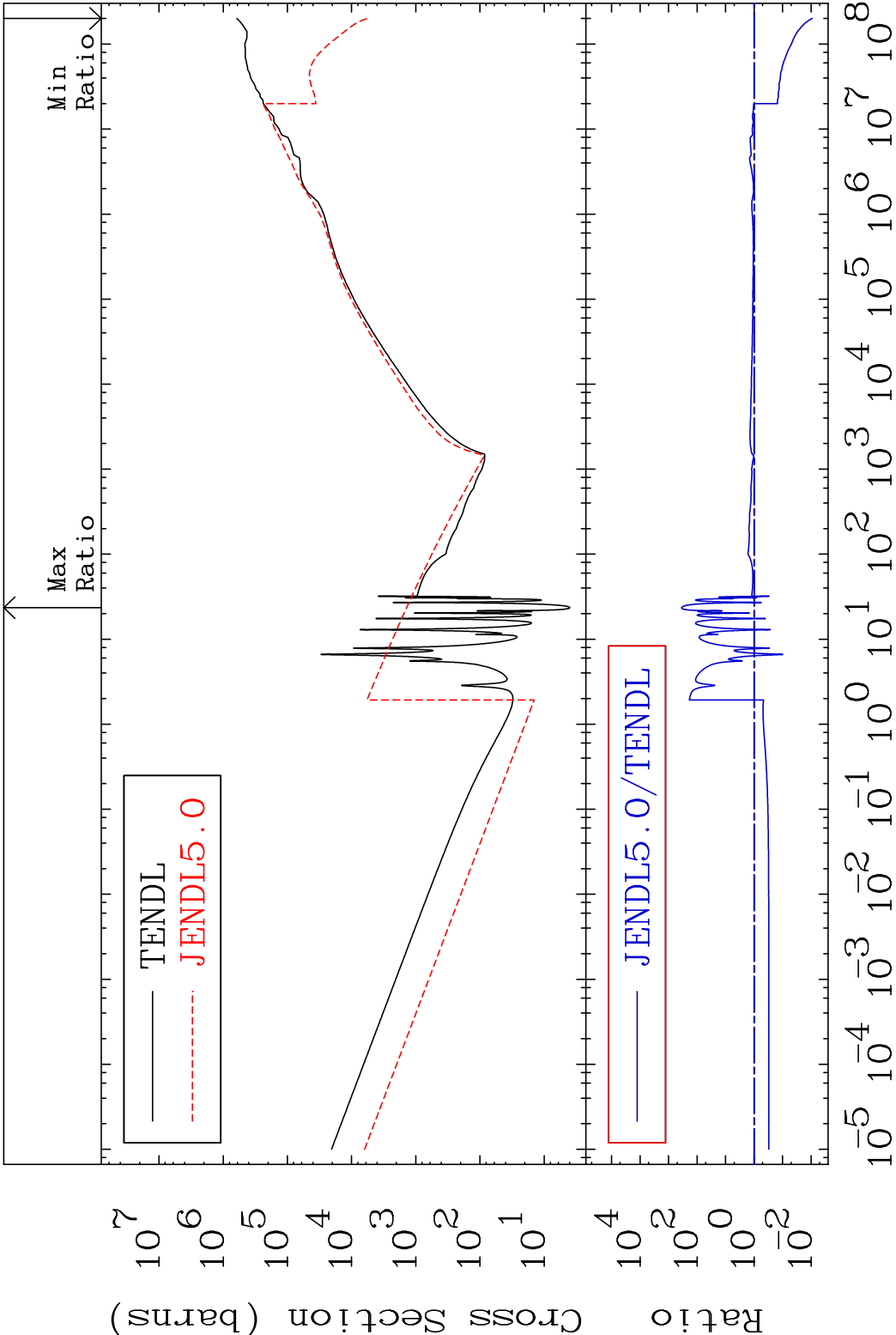
MAT 7922 Total kinematic kerma (high limit) 79-Au-196

Cross Section -92.19 To 9999. %

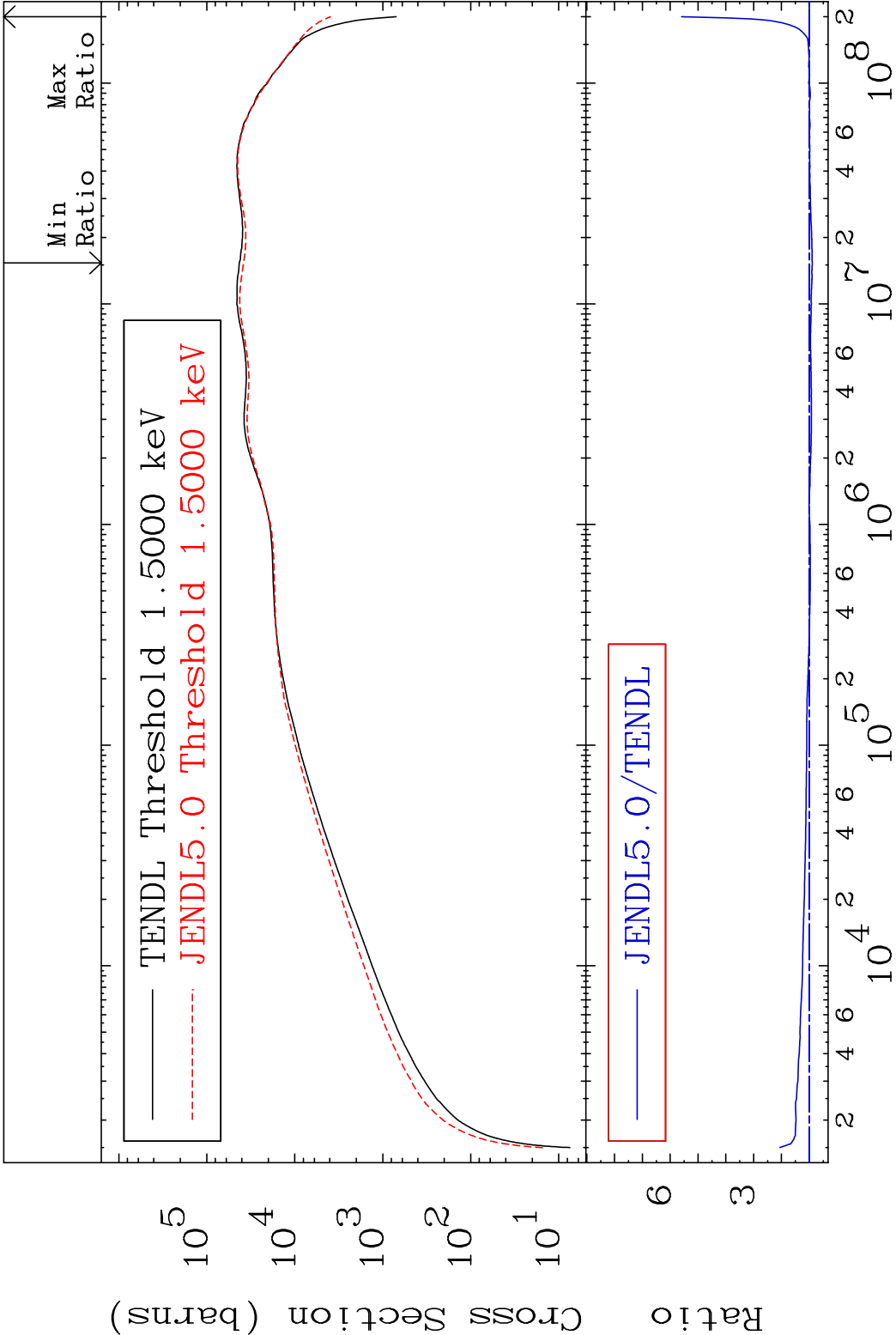


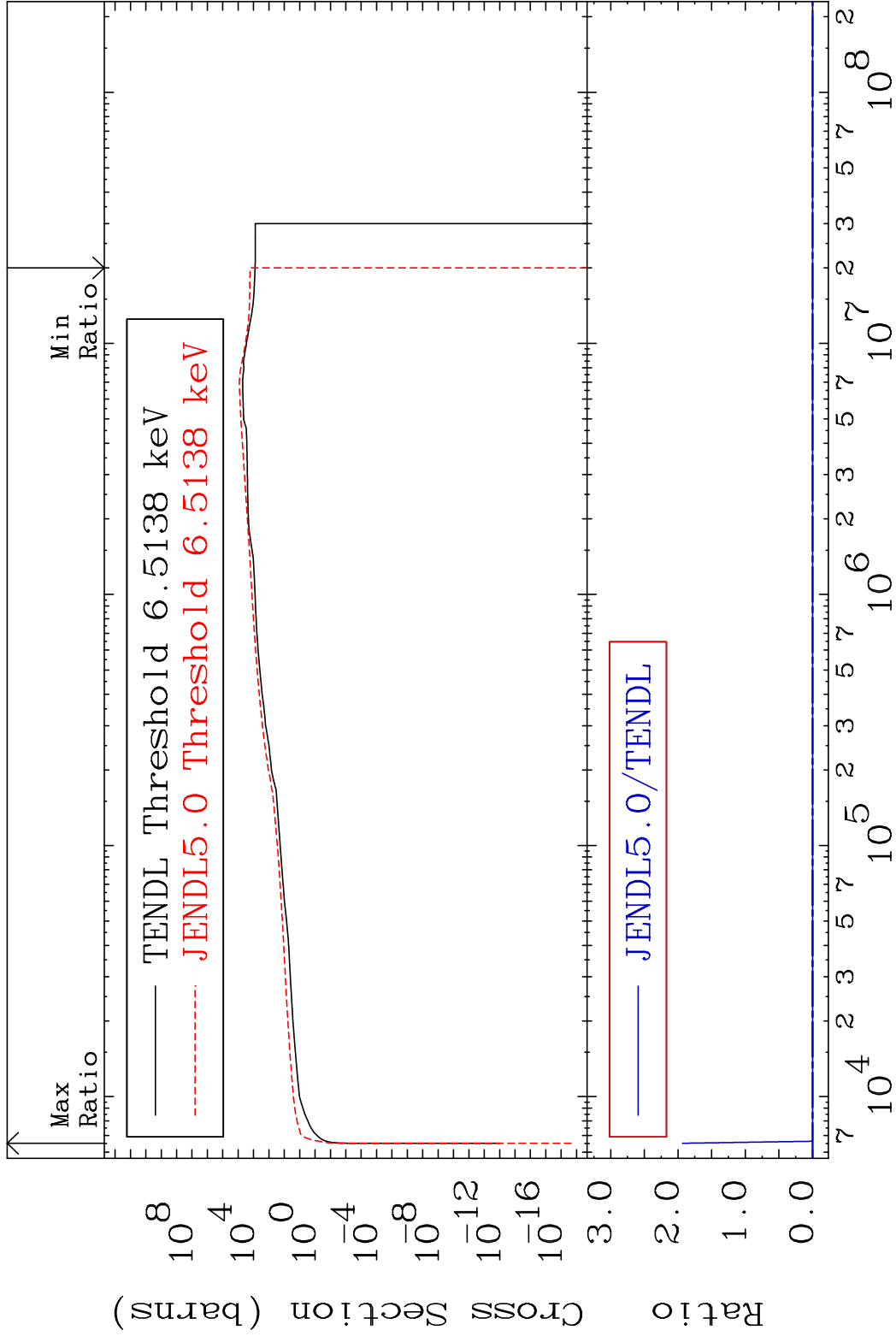
60 Incident Energy (eV) 79-Au-196

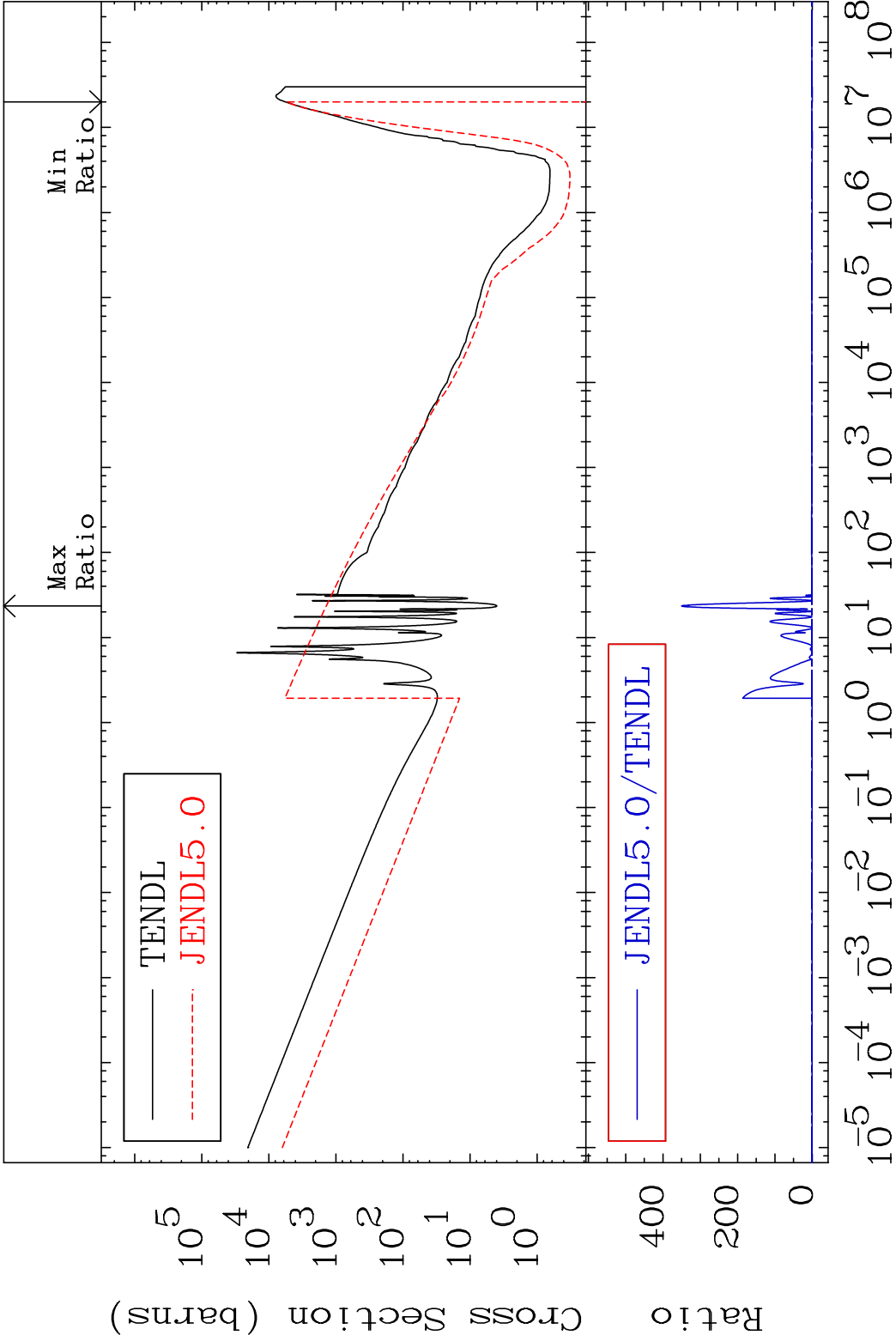
MAT 7922 Dpa total (eV-barns) 79-Au-196
 Cross Section -99.09 To 9999. %

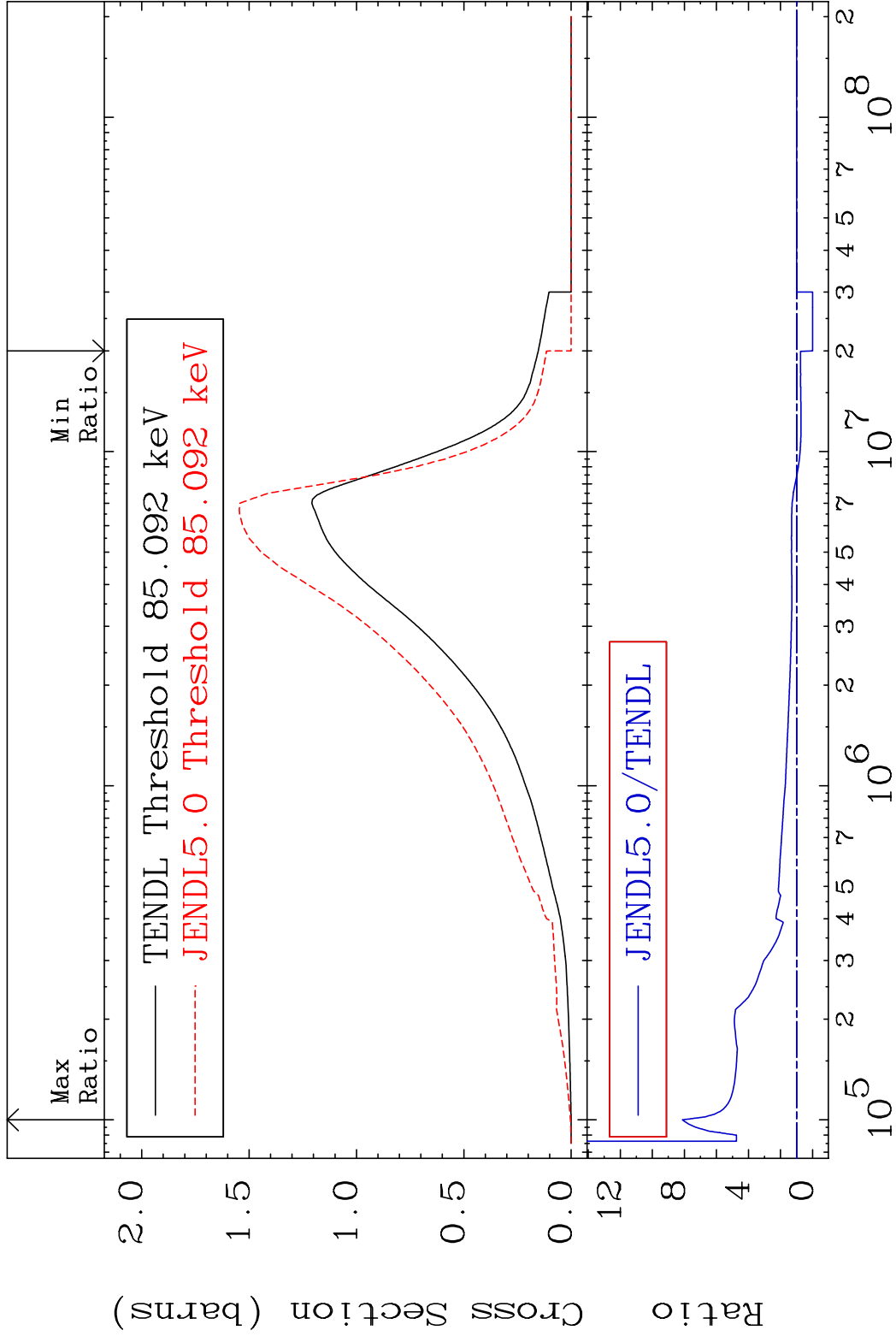


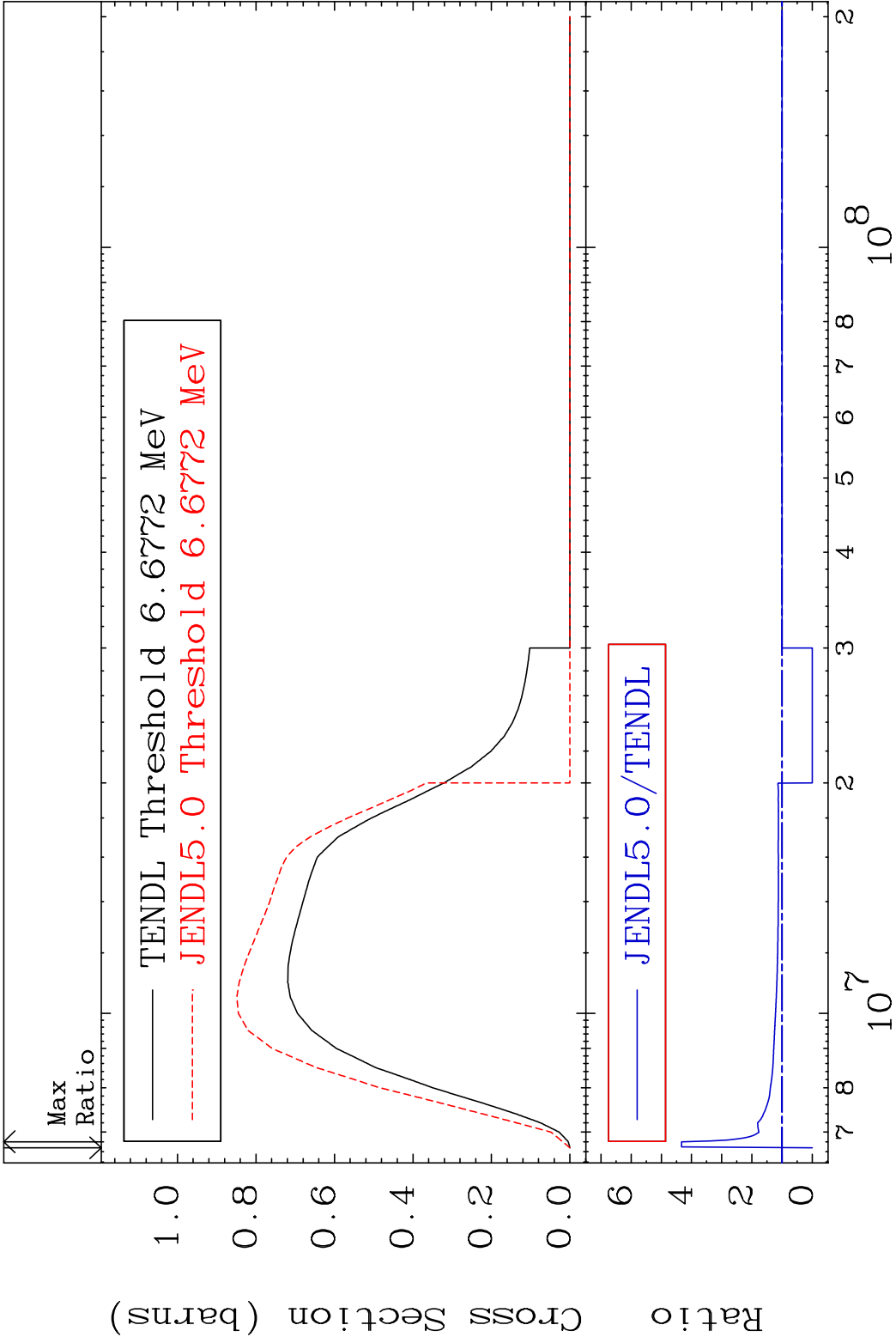
61 Incident Energy (eV) 79-Au-196

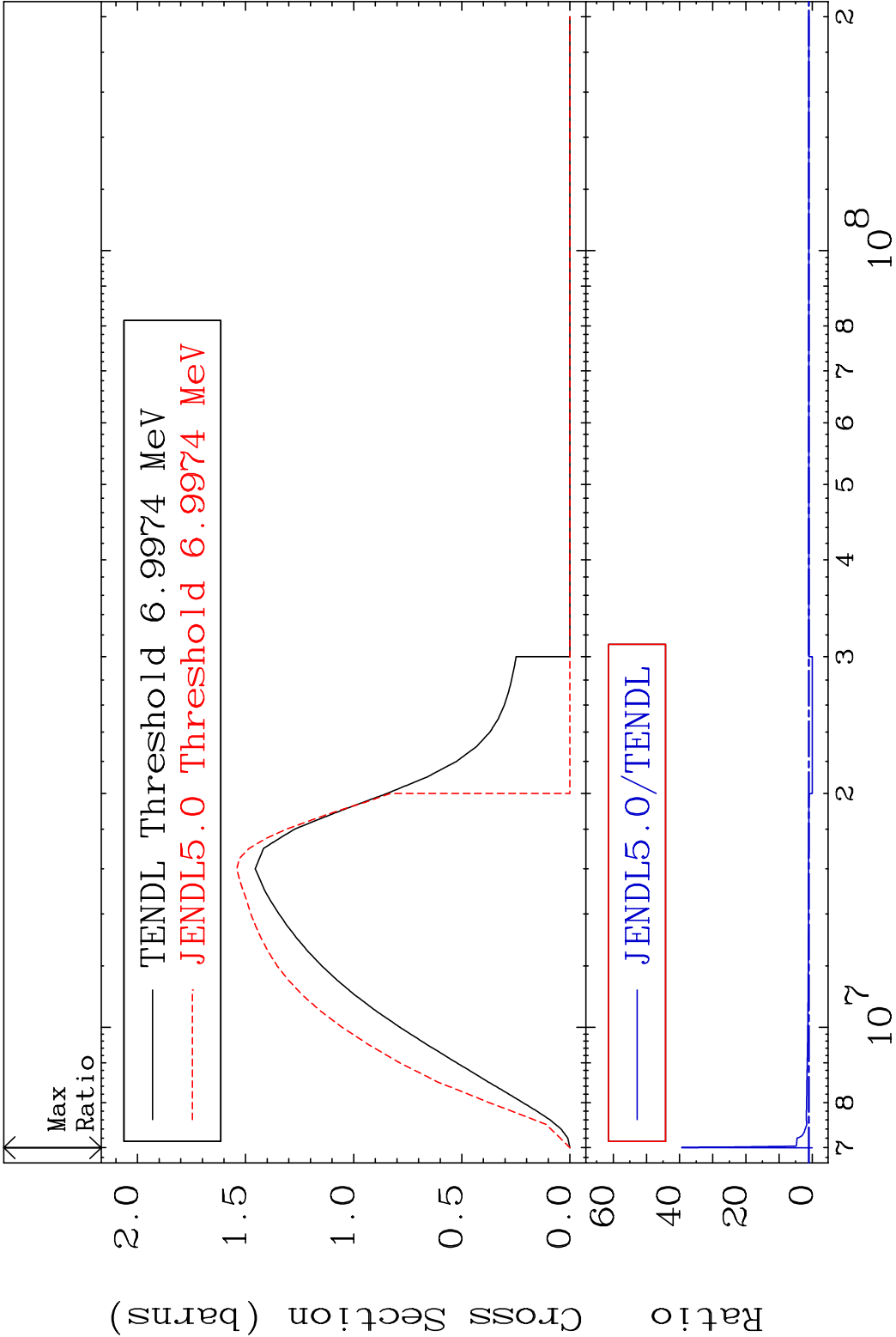


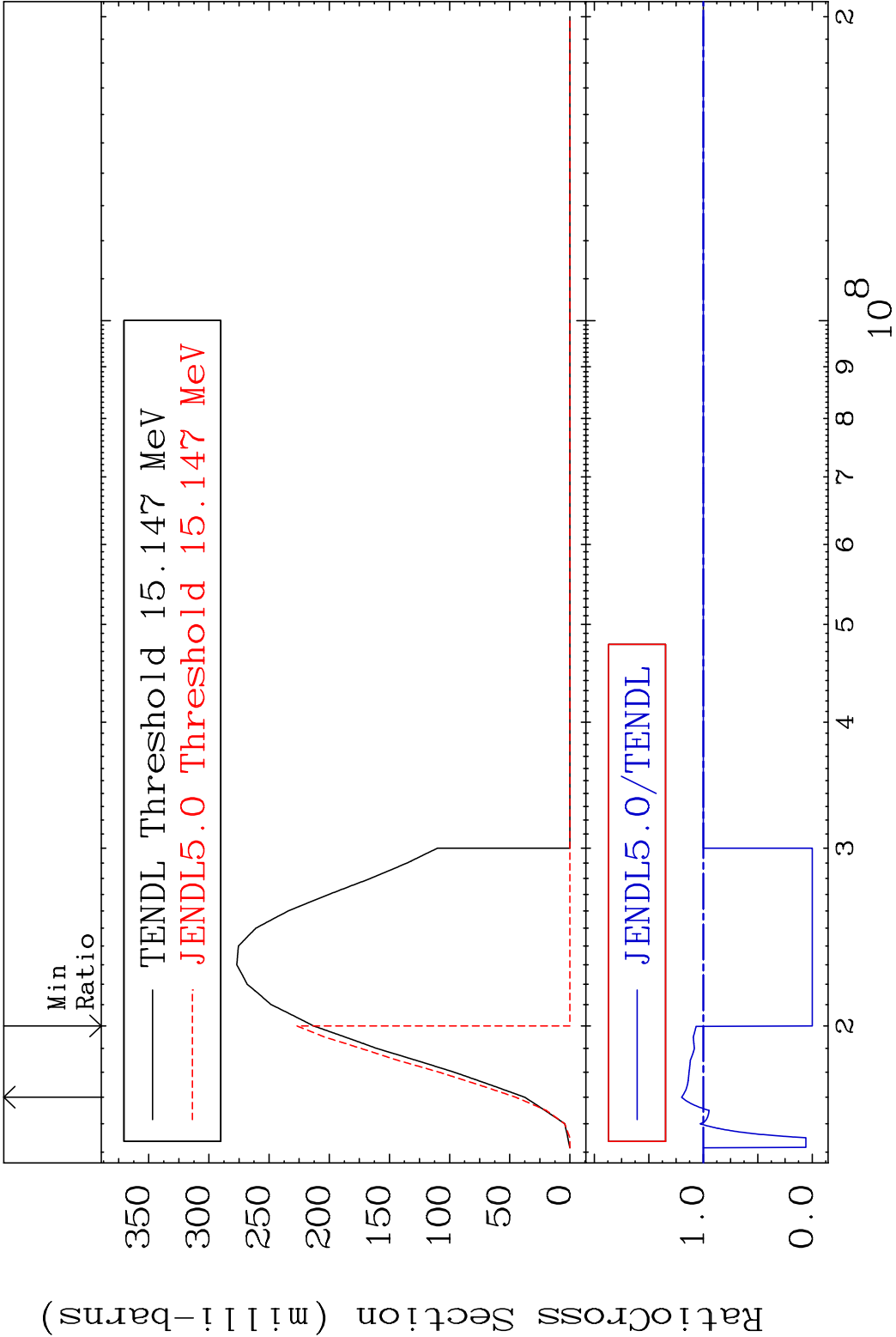












Radionuclide	Production Cross-Section	Decay	Half-life
^{137}Cs	19.45 %	β^-	30.17 y
^{137}Ba	19.45 %	γ	2.55 min

