

Program Complot
(Version 2021-1)

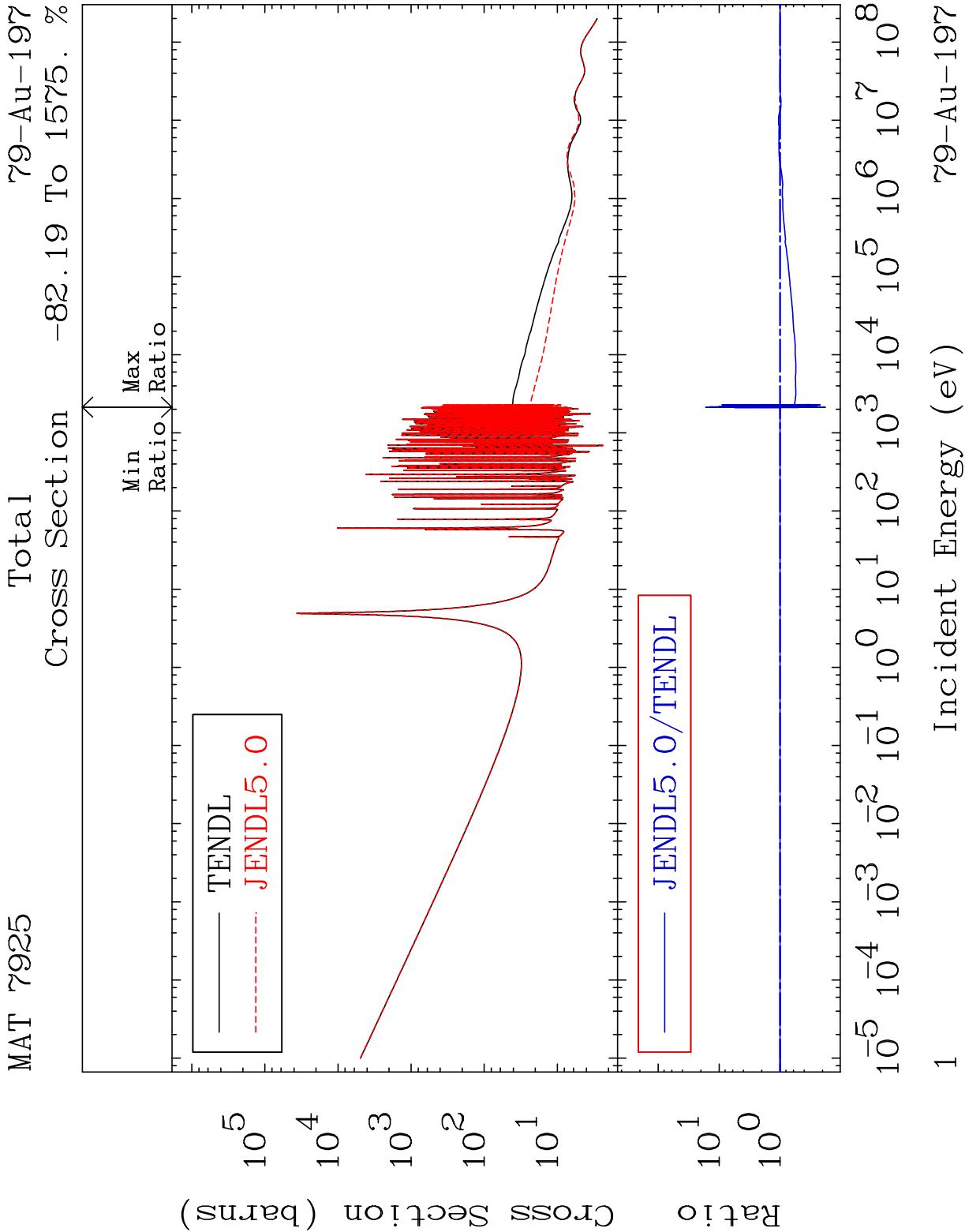
by

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

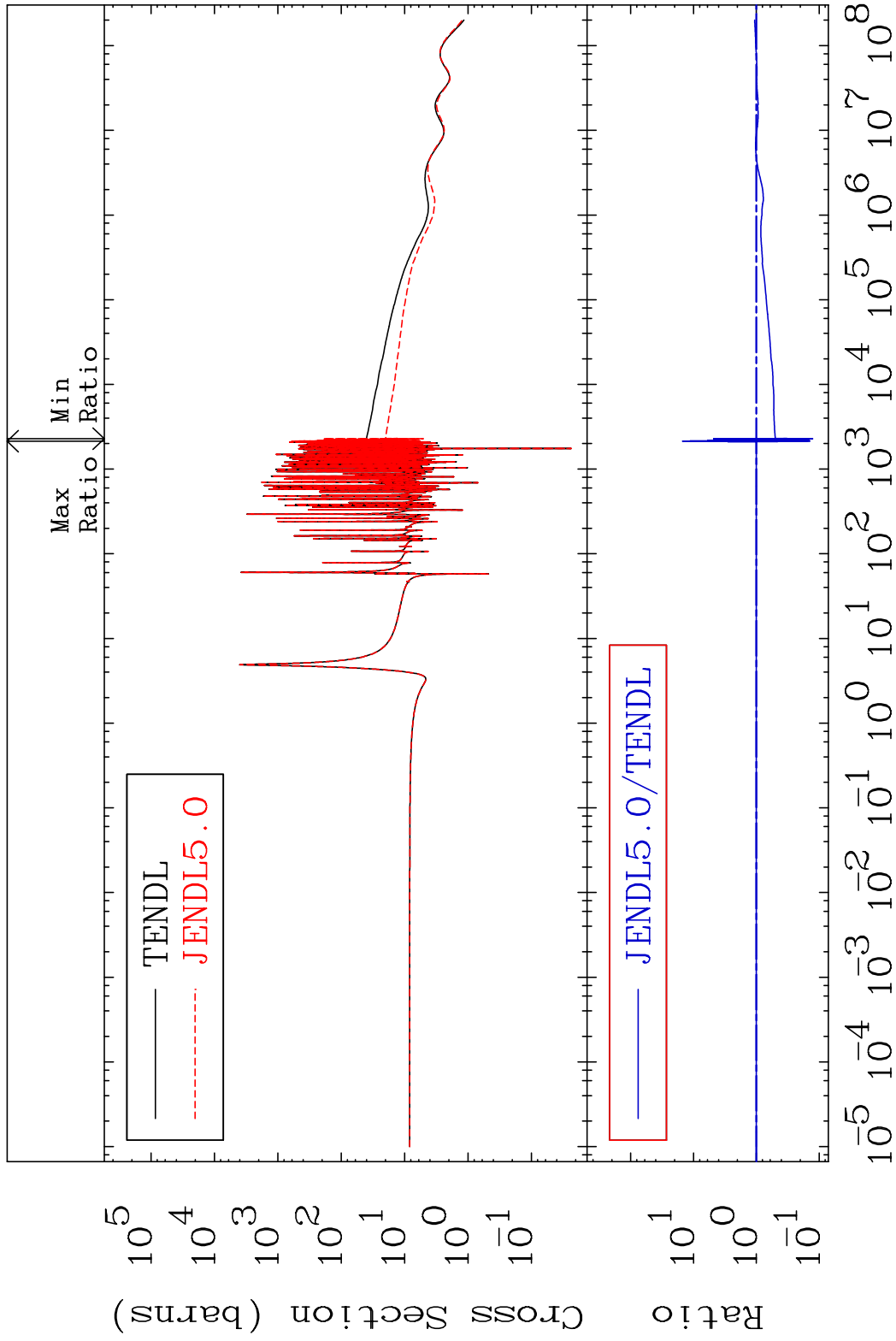


MAT 7925

Elastic

79-Au-197

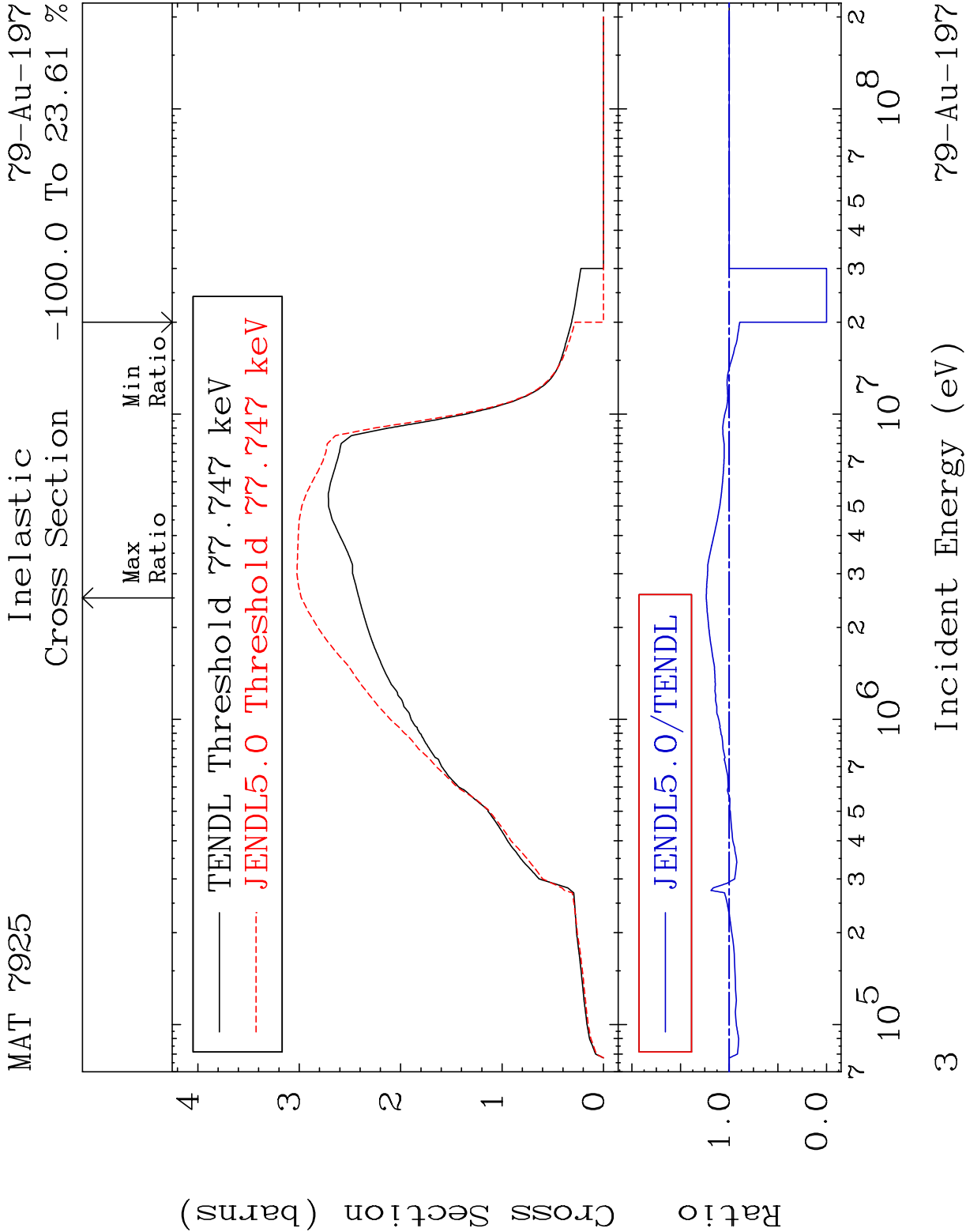
Cross Section -87.25 To 1407. %



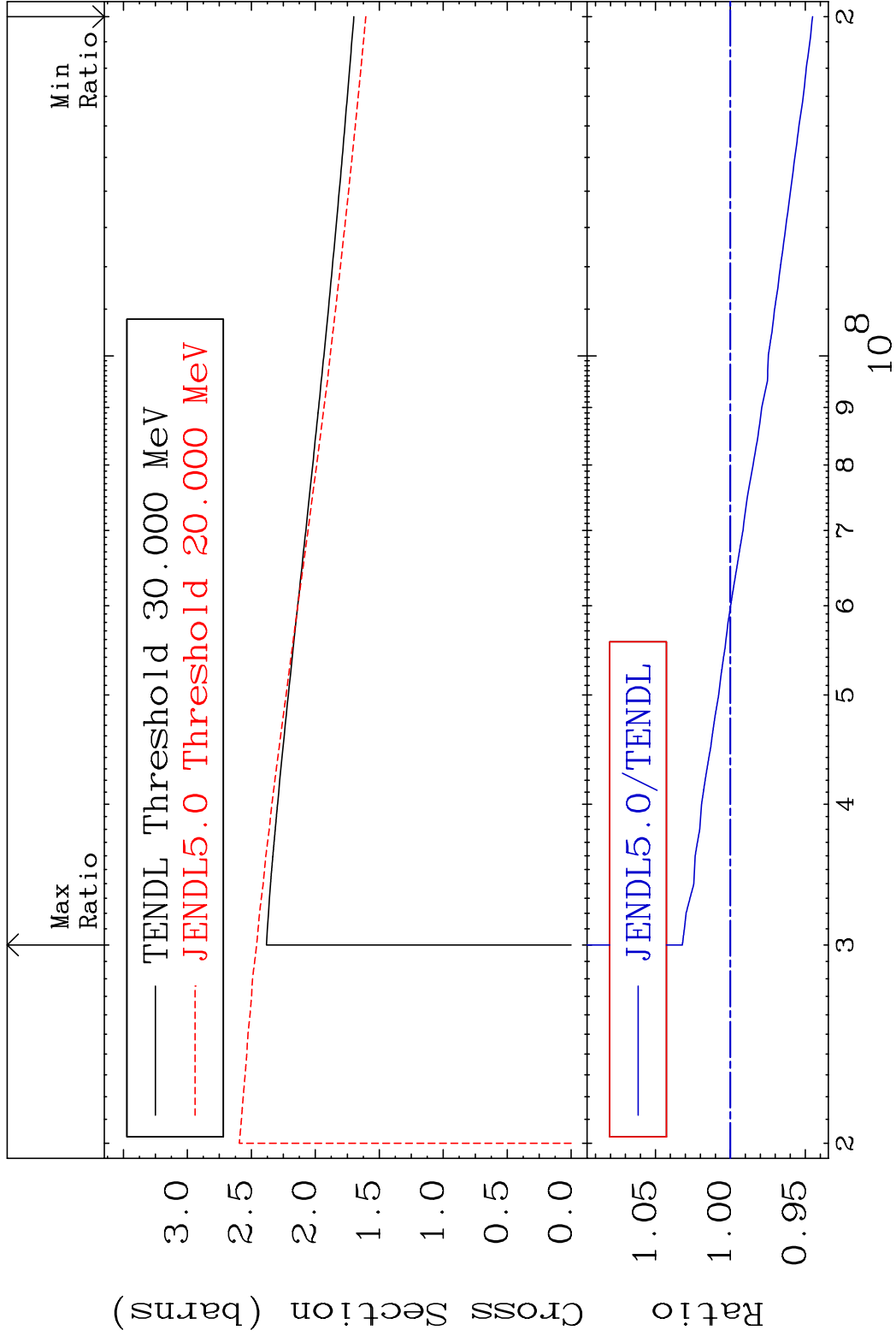
2

Incident Energy (eV)

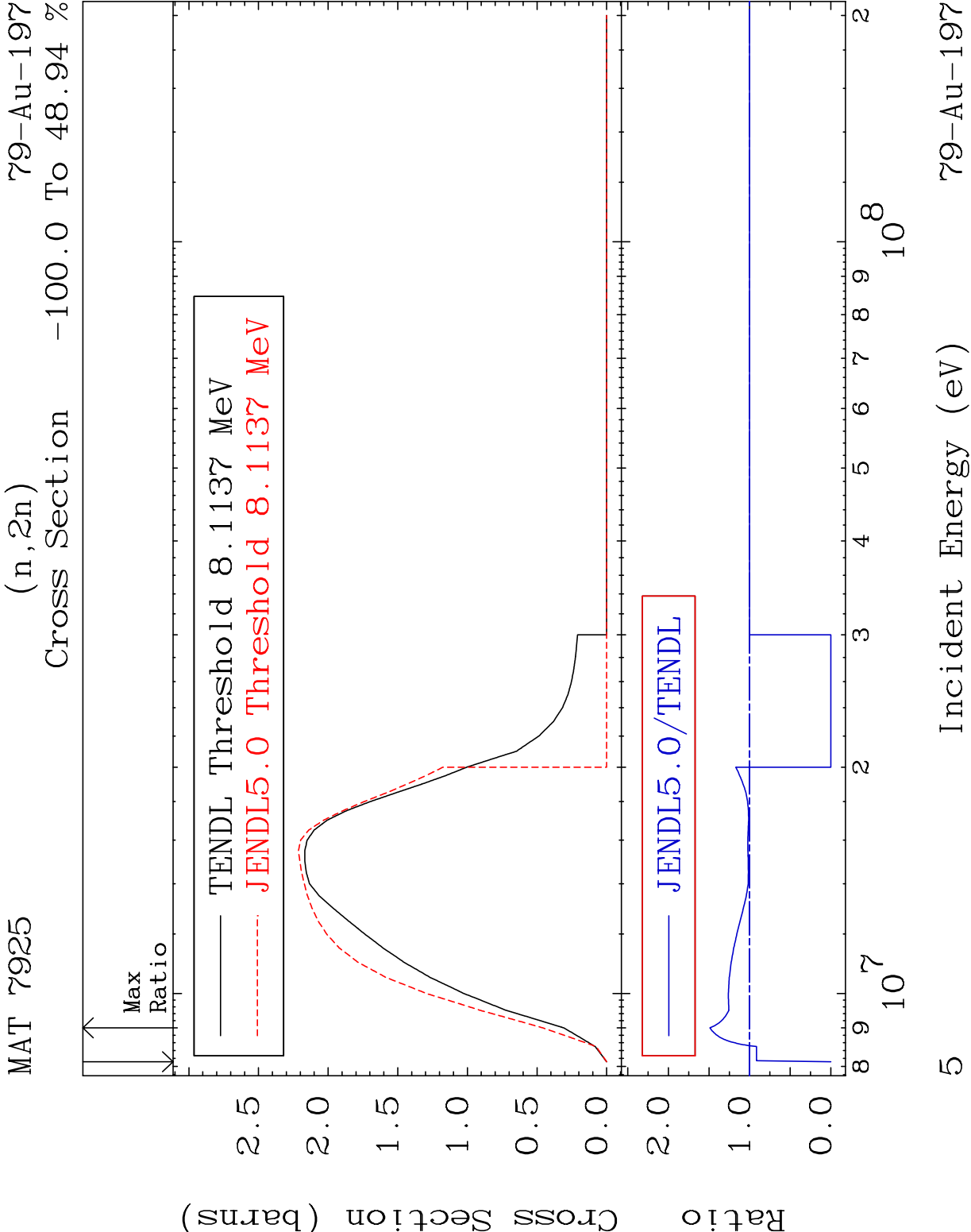
79-Au-197

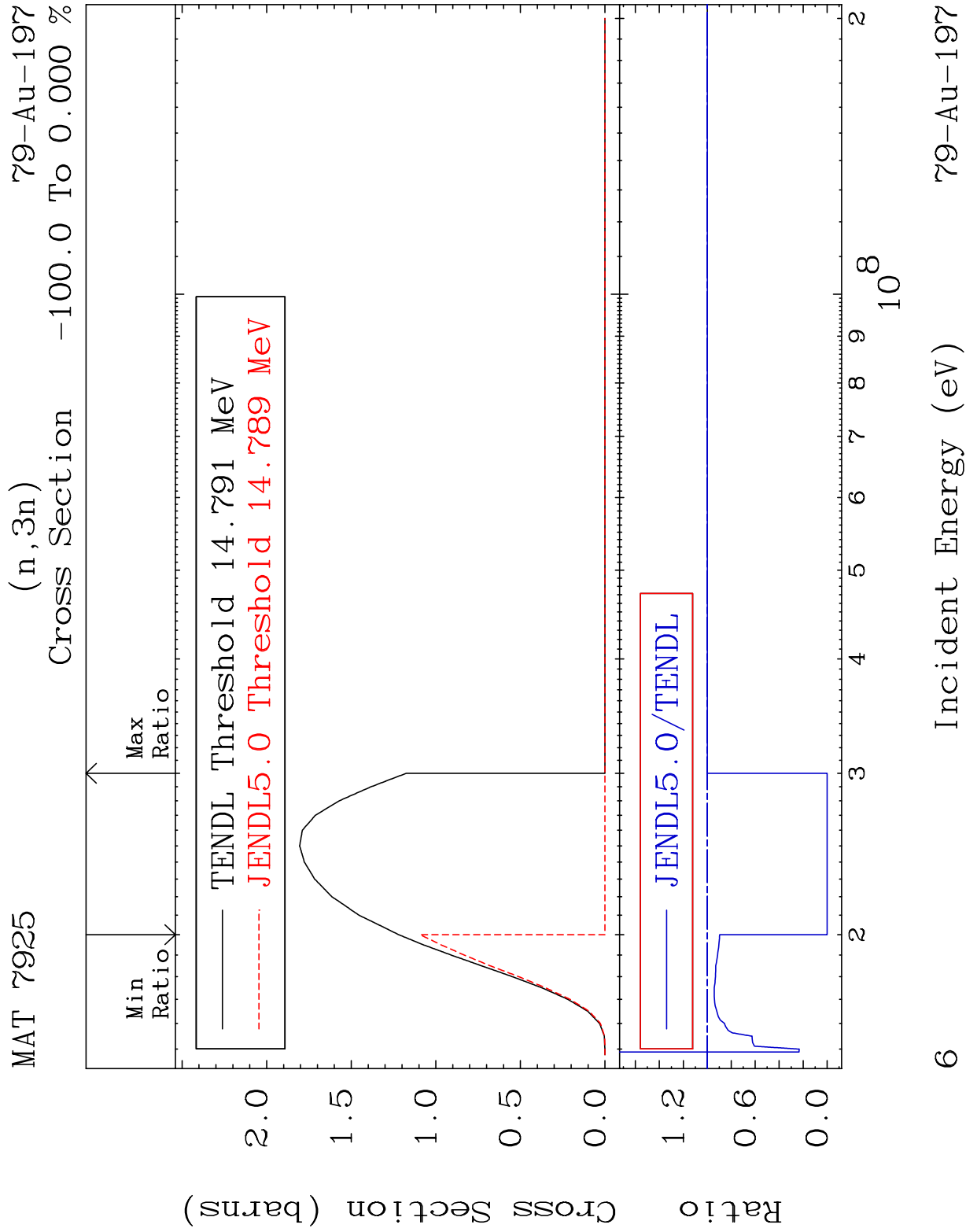


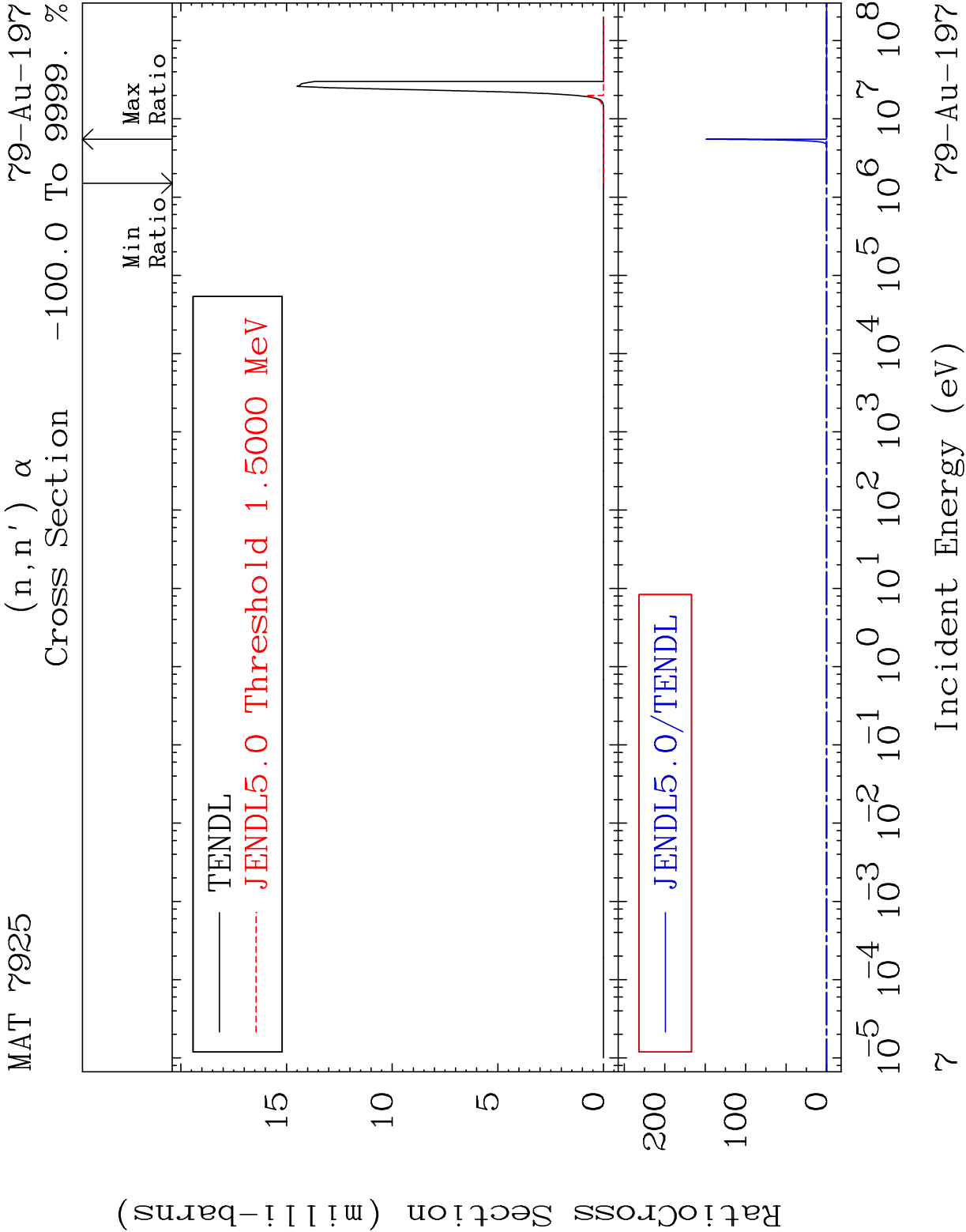
MAT 7925 (n,remainder) 79-Au-197
Cross Section -5.485 To 3.203 %

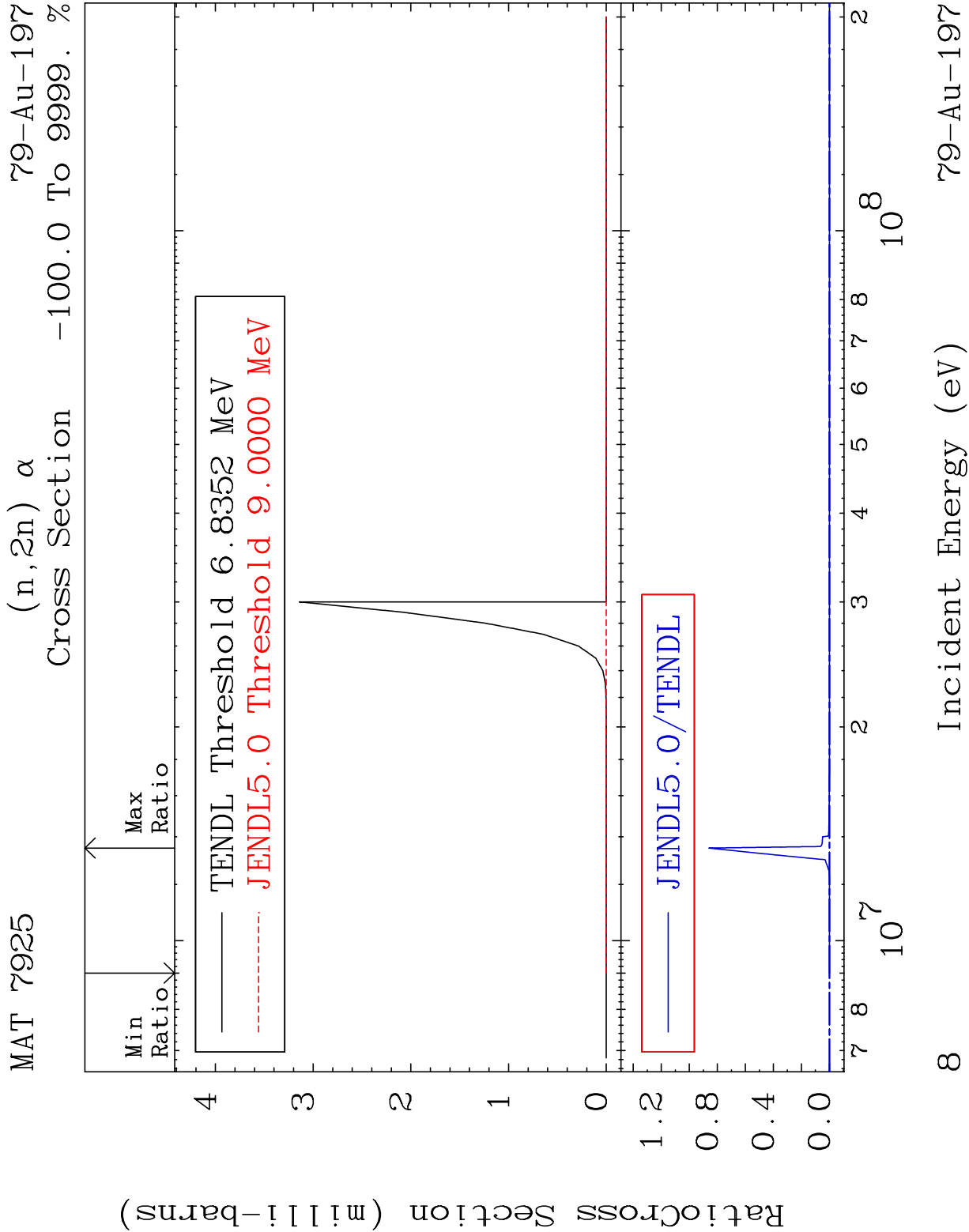


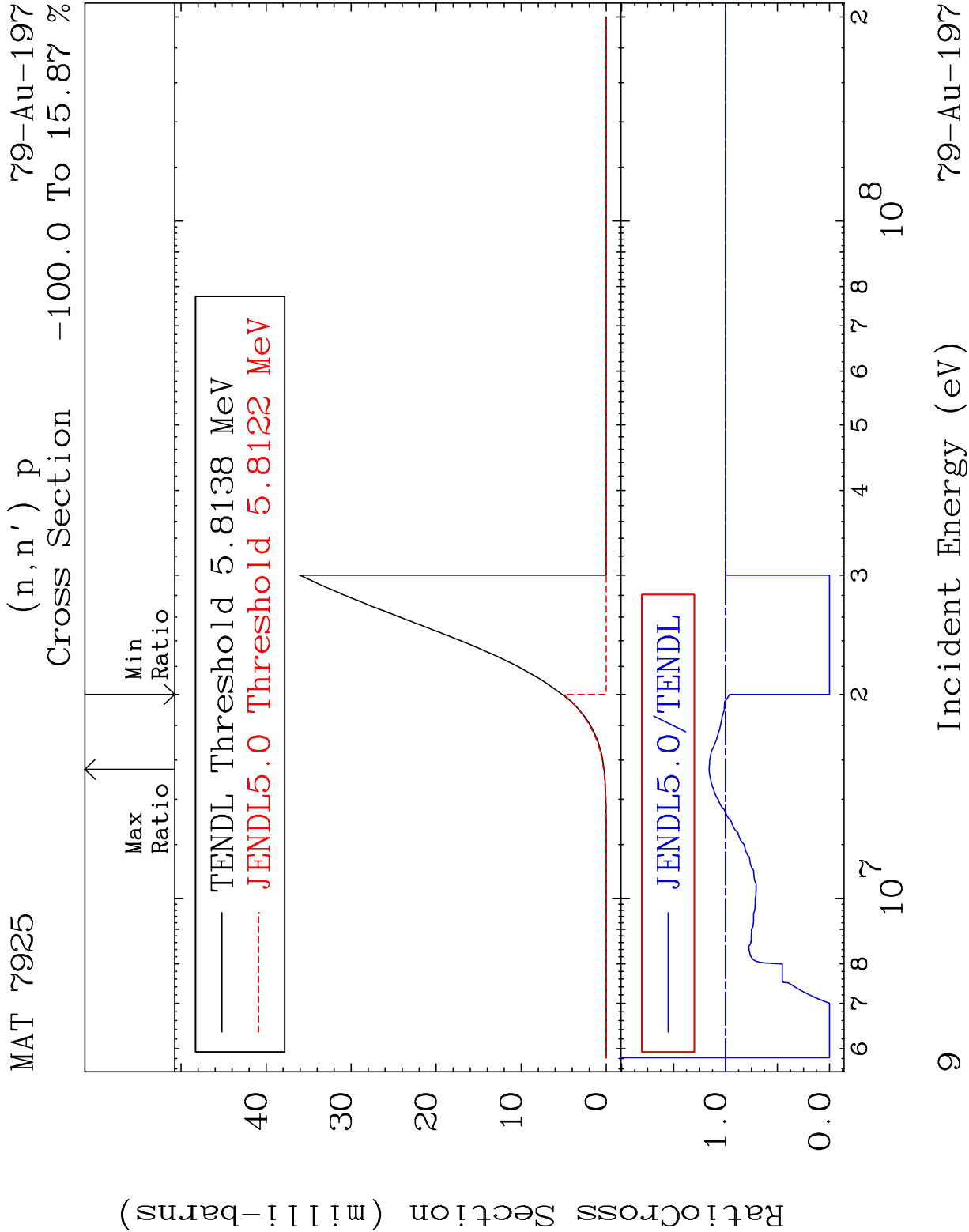
4 Incident Energy (eV) 79-Au-197

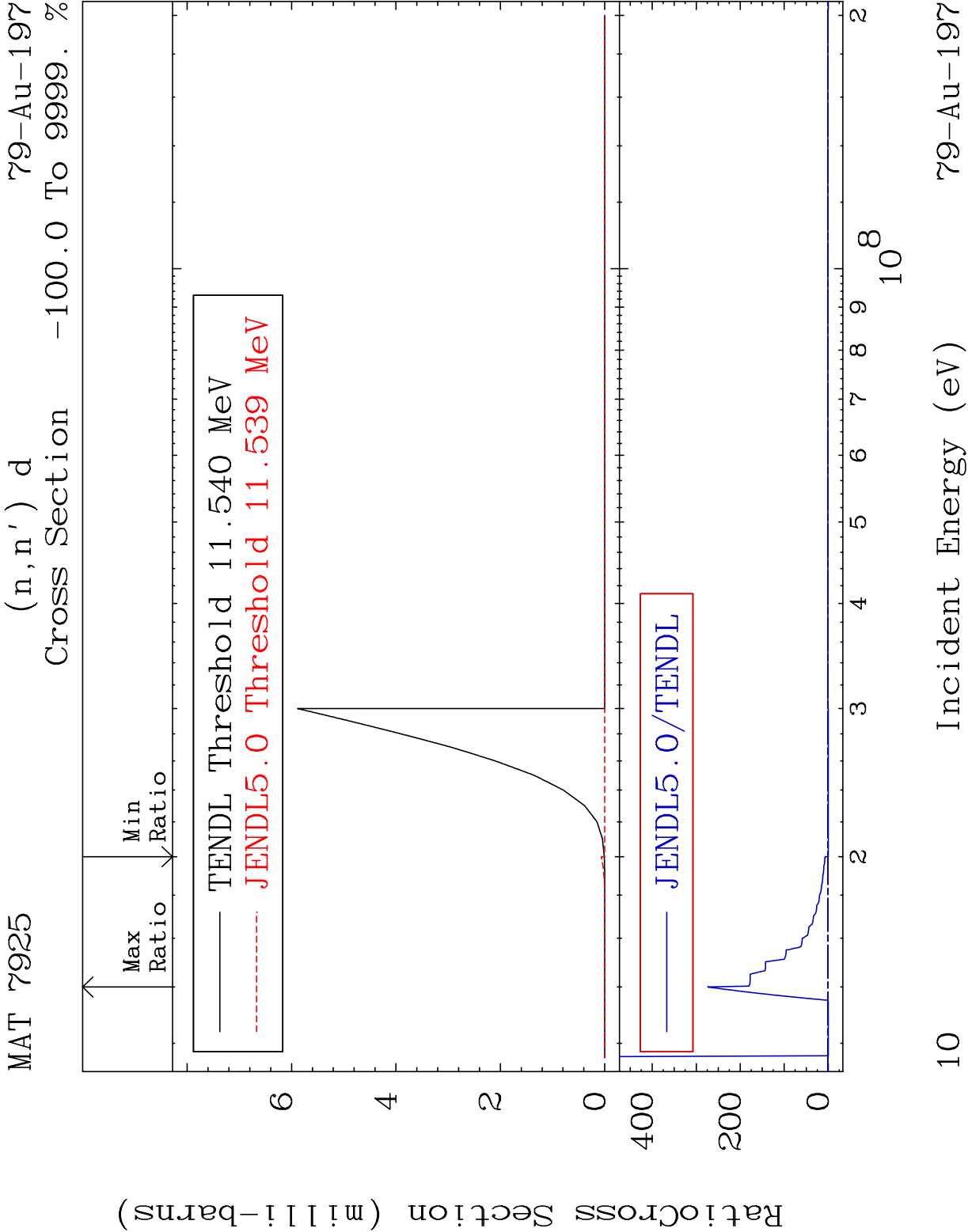


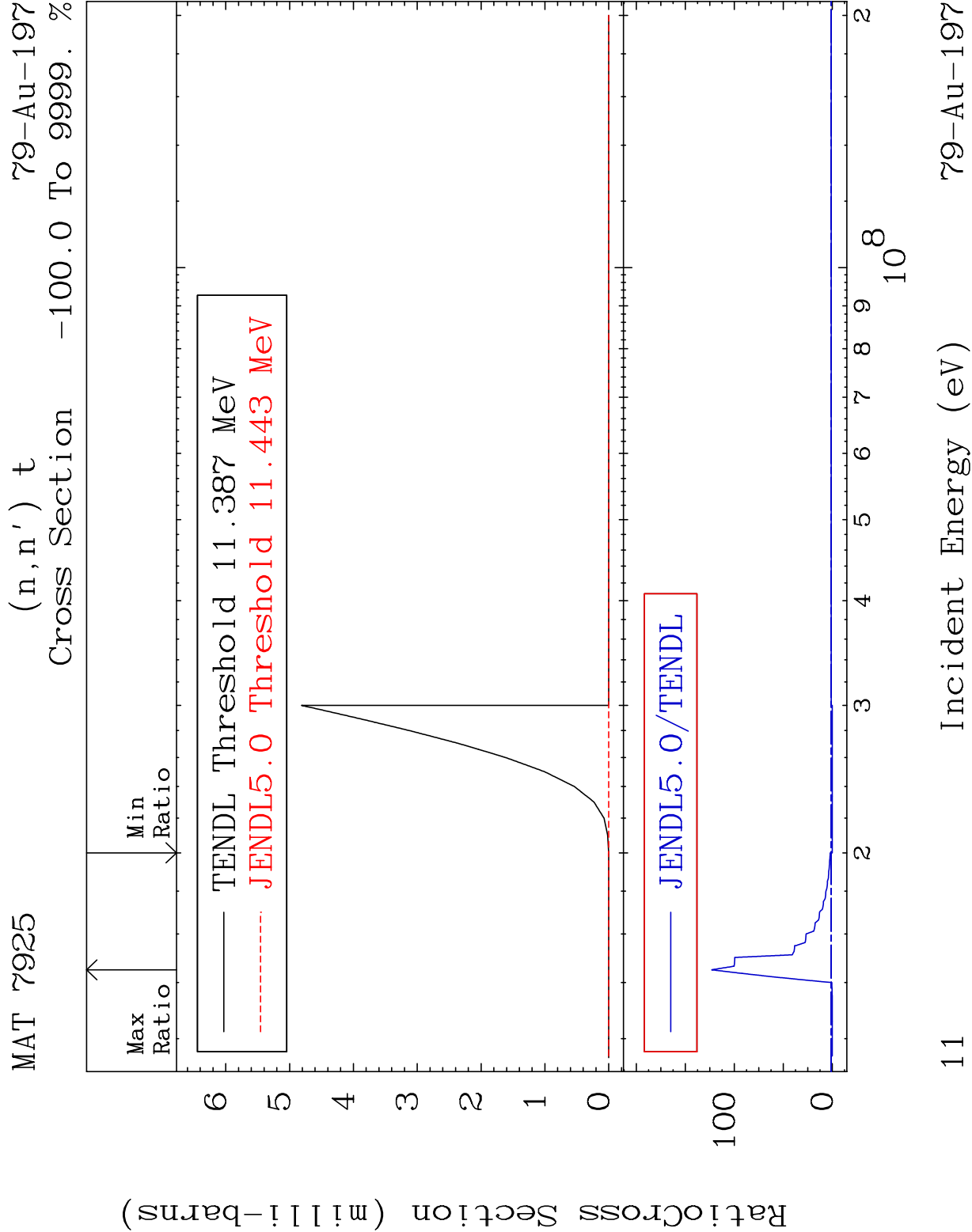


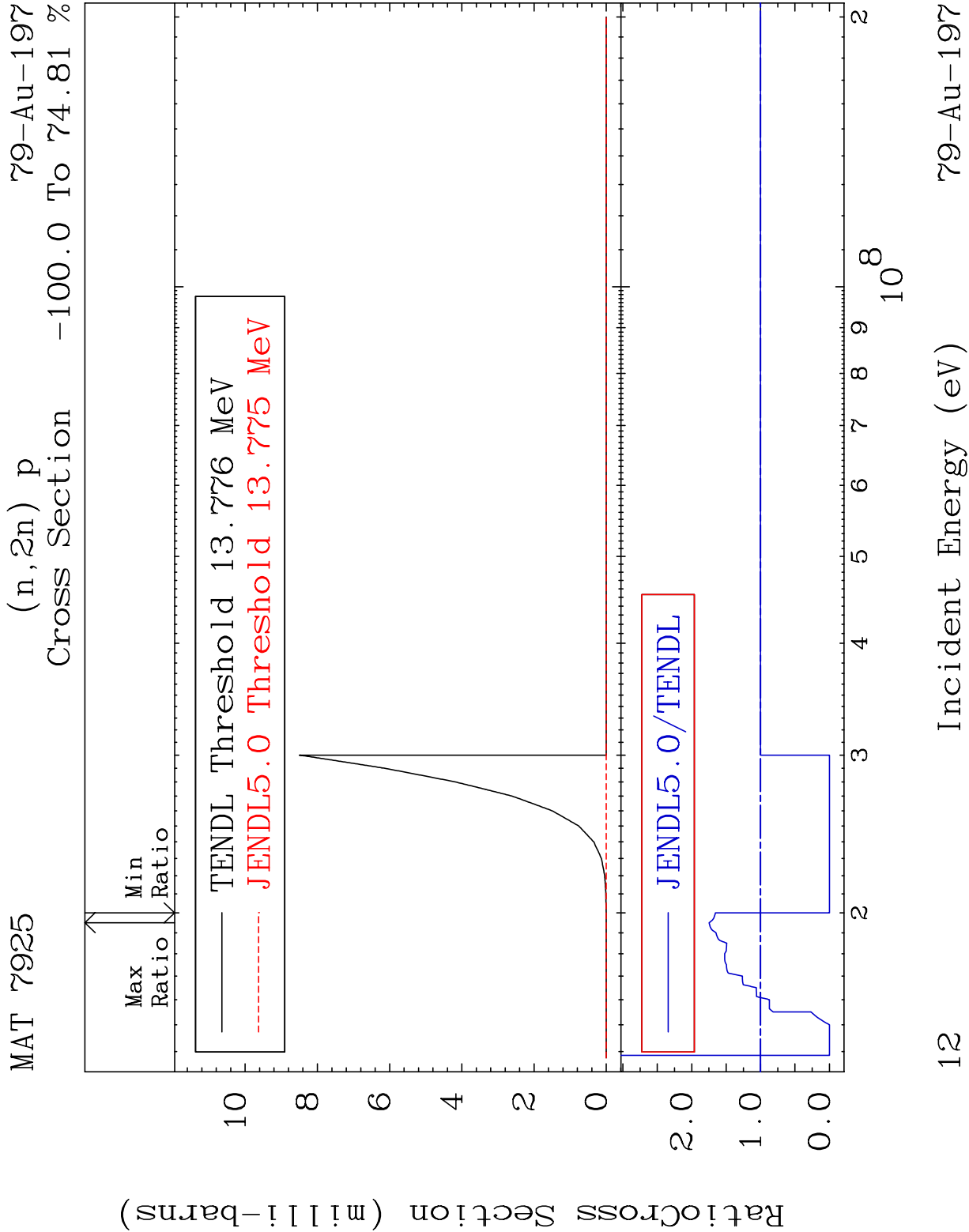


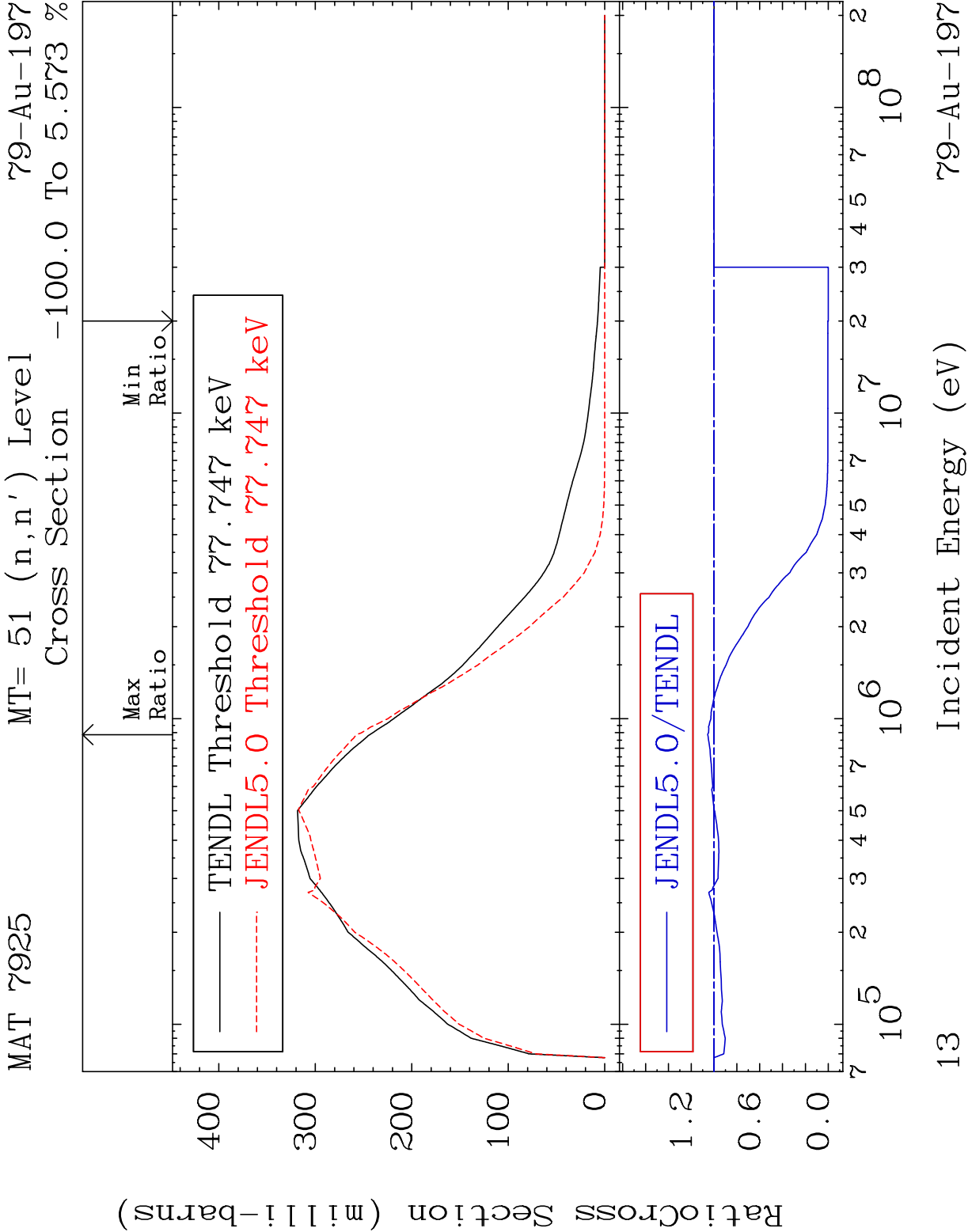


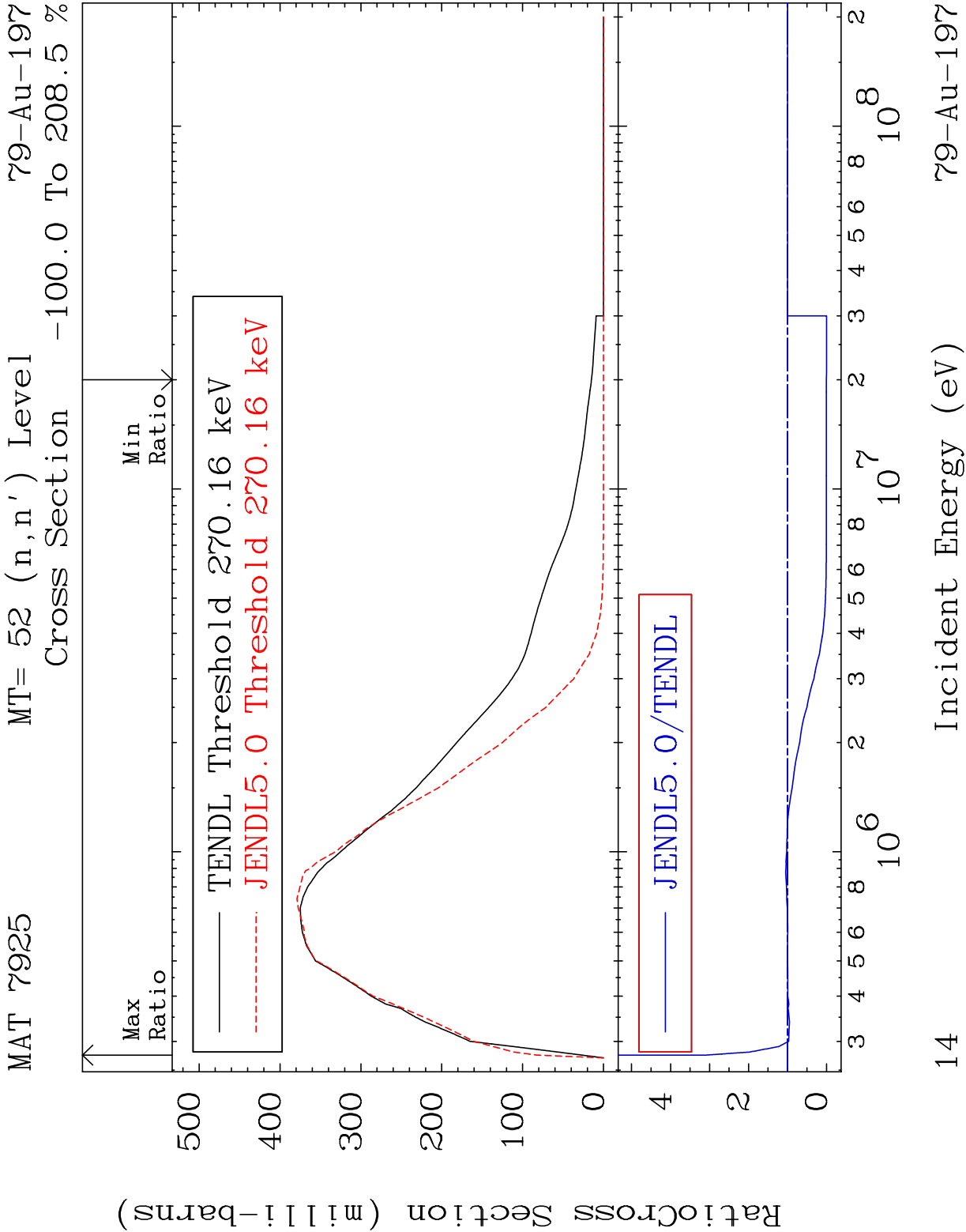






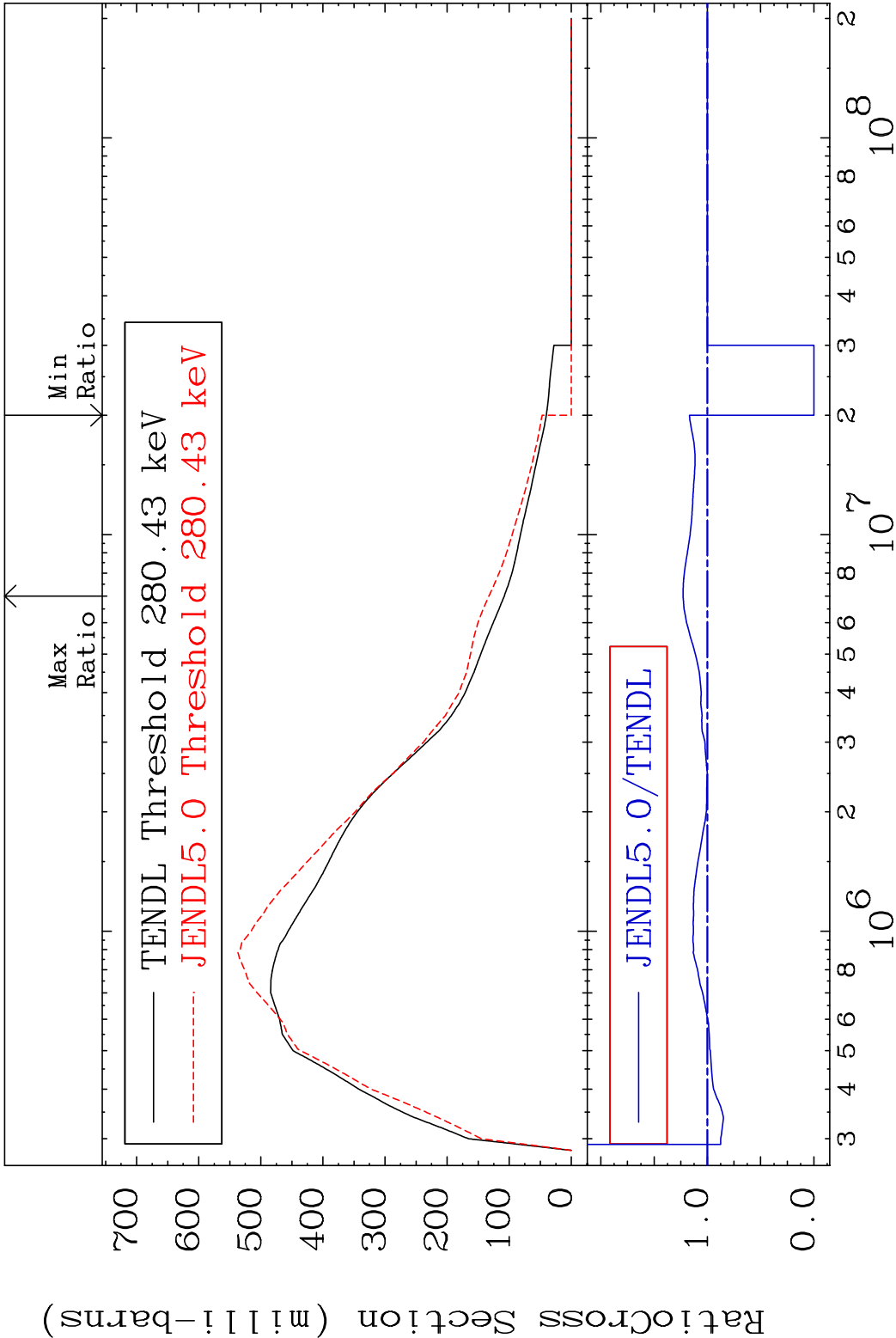




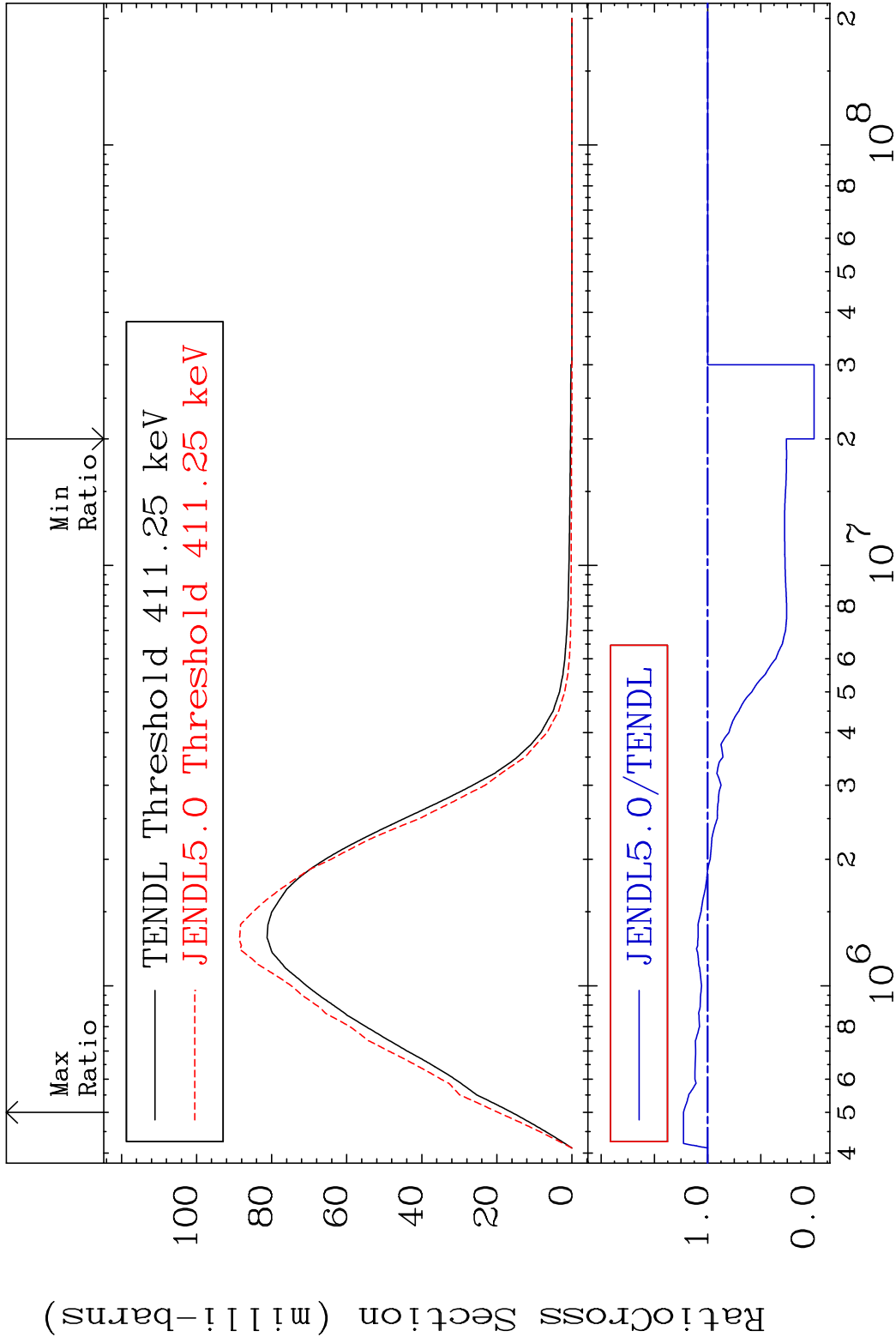


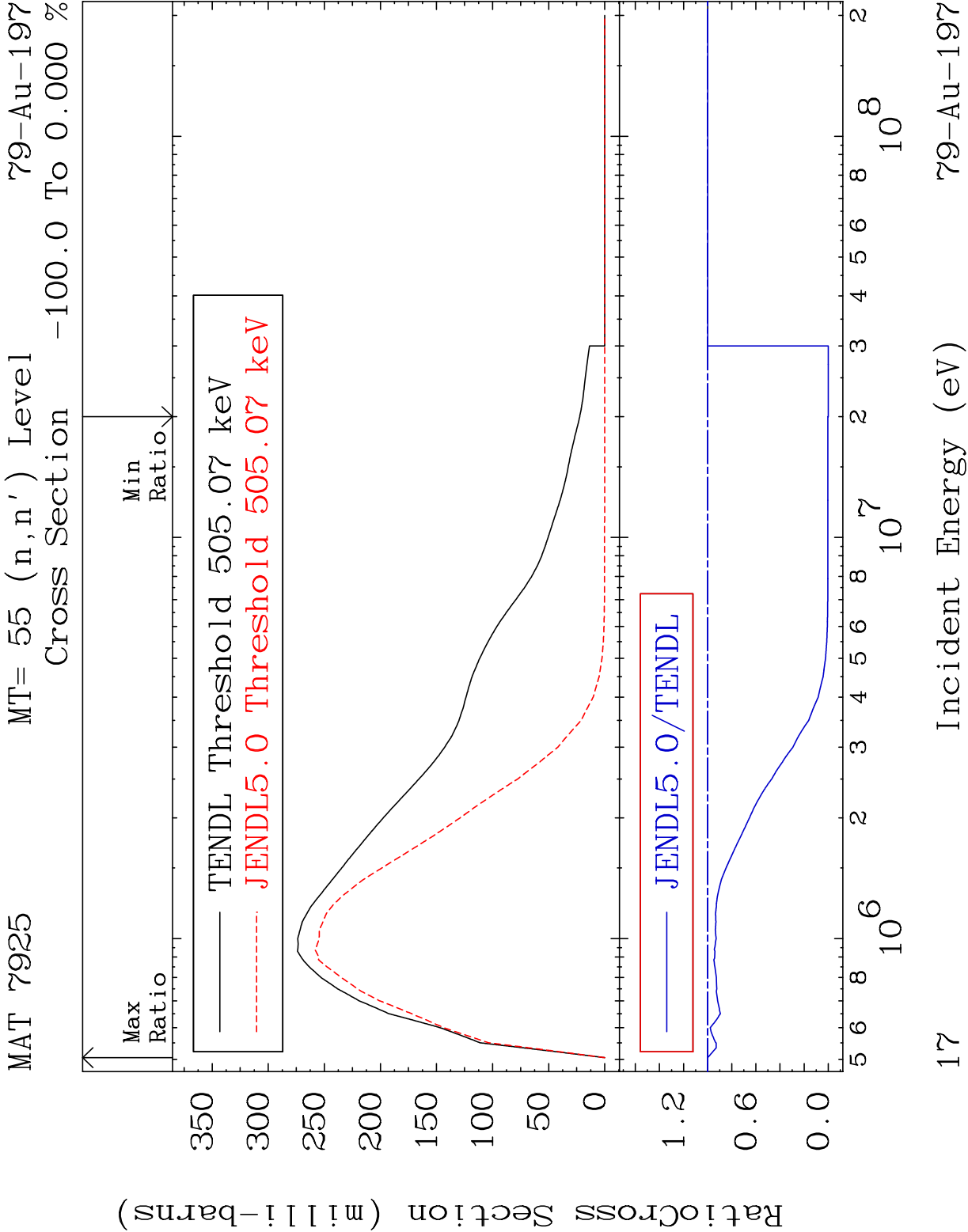
MAT 7925 MT= 53 (n,n') Level 79-Au-197

Cross Section -100.0 To 22.85 %

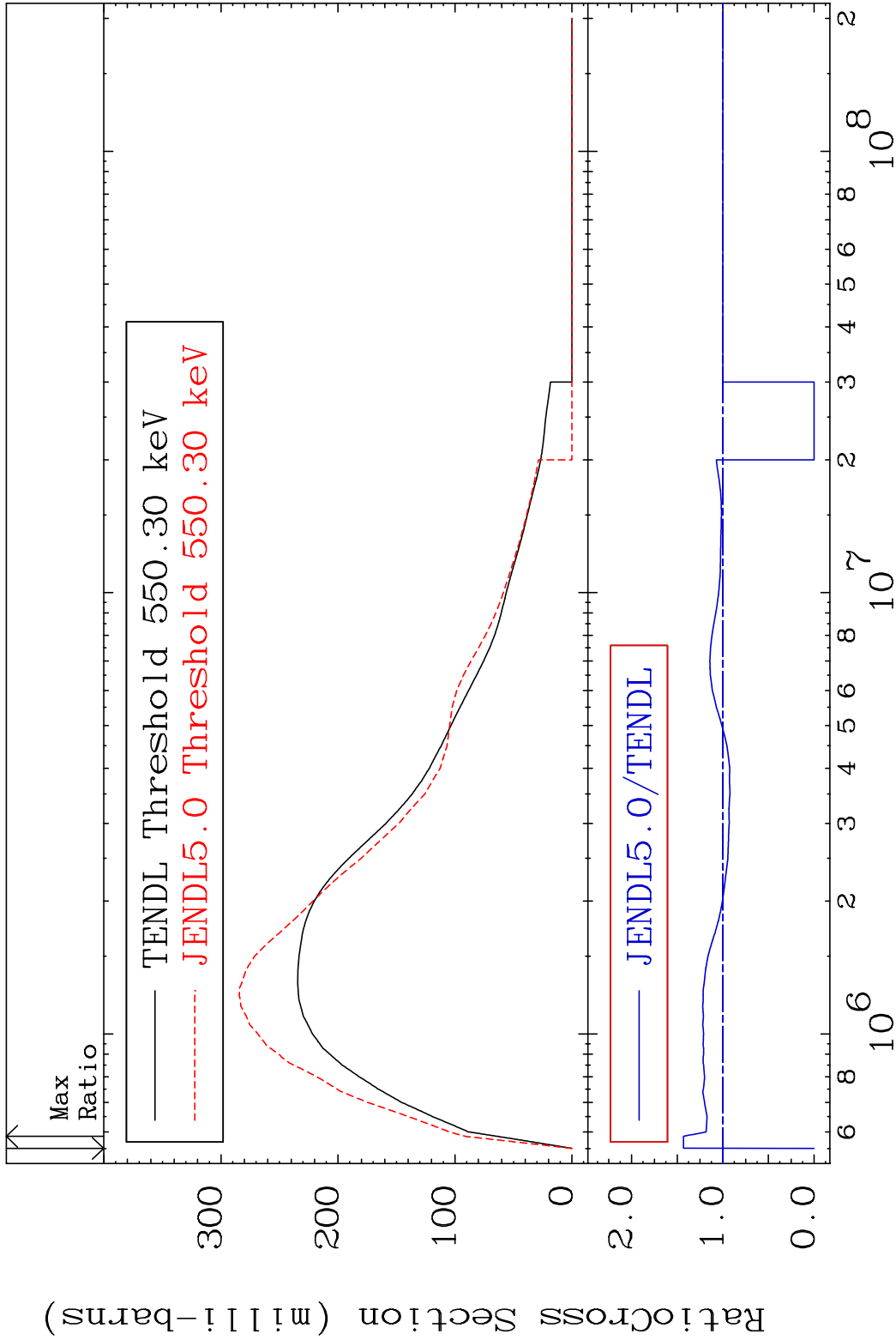


MAT 7925 MT= 54 (n,n') Level 79-Au-197
Cross Section -100.0 To 22.71 %

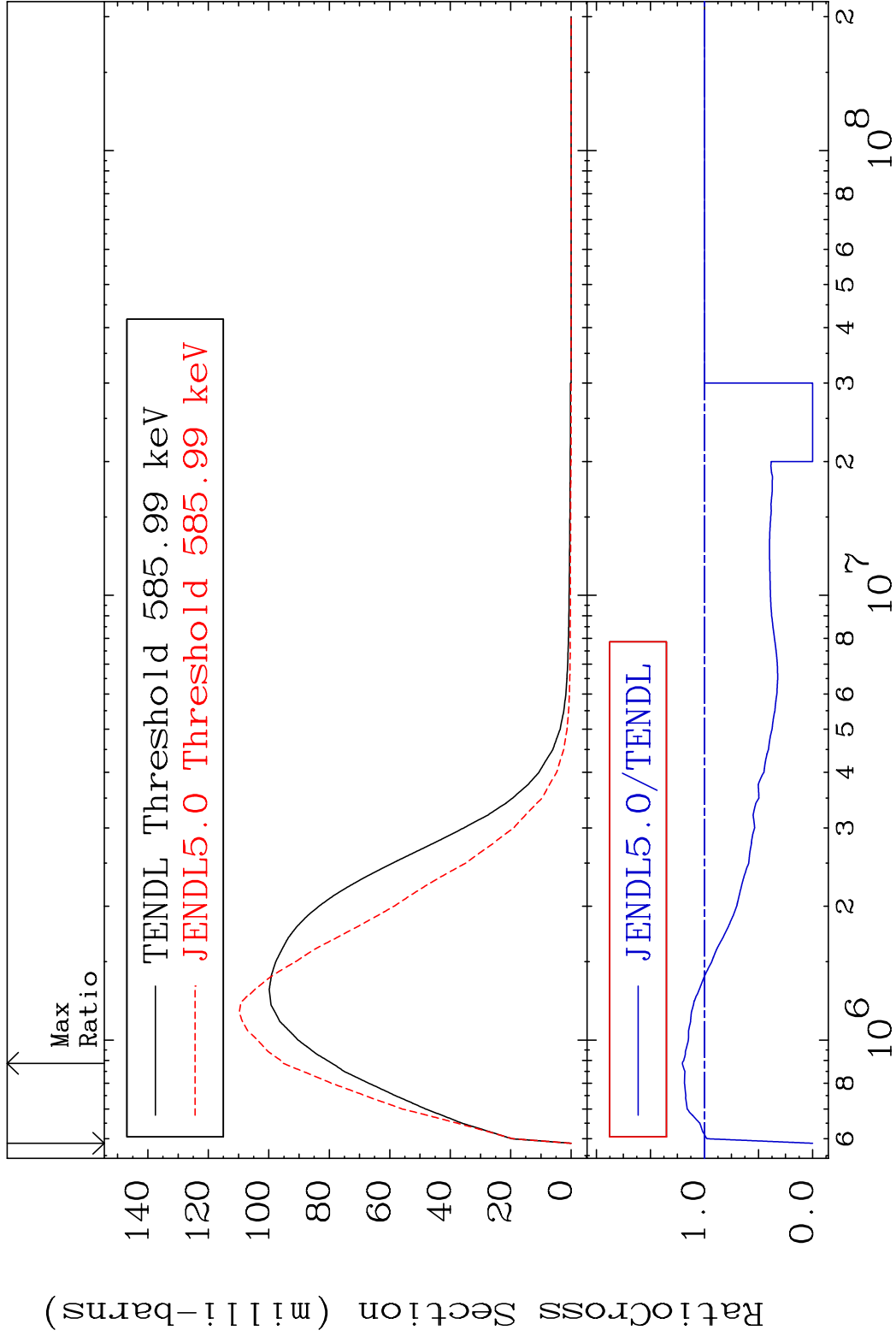




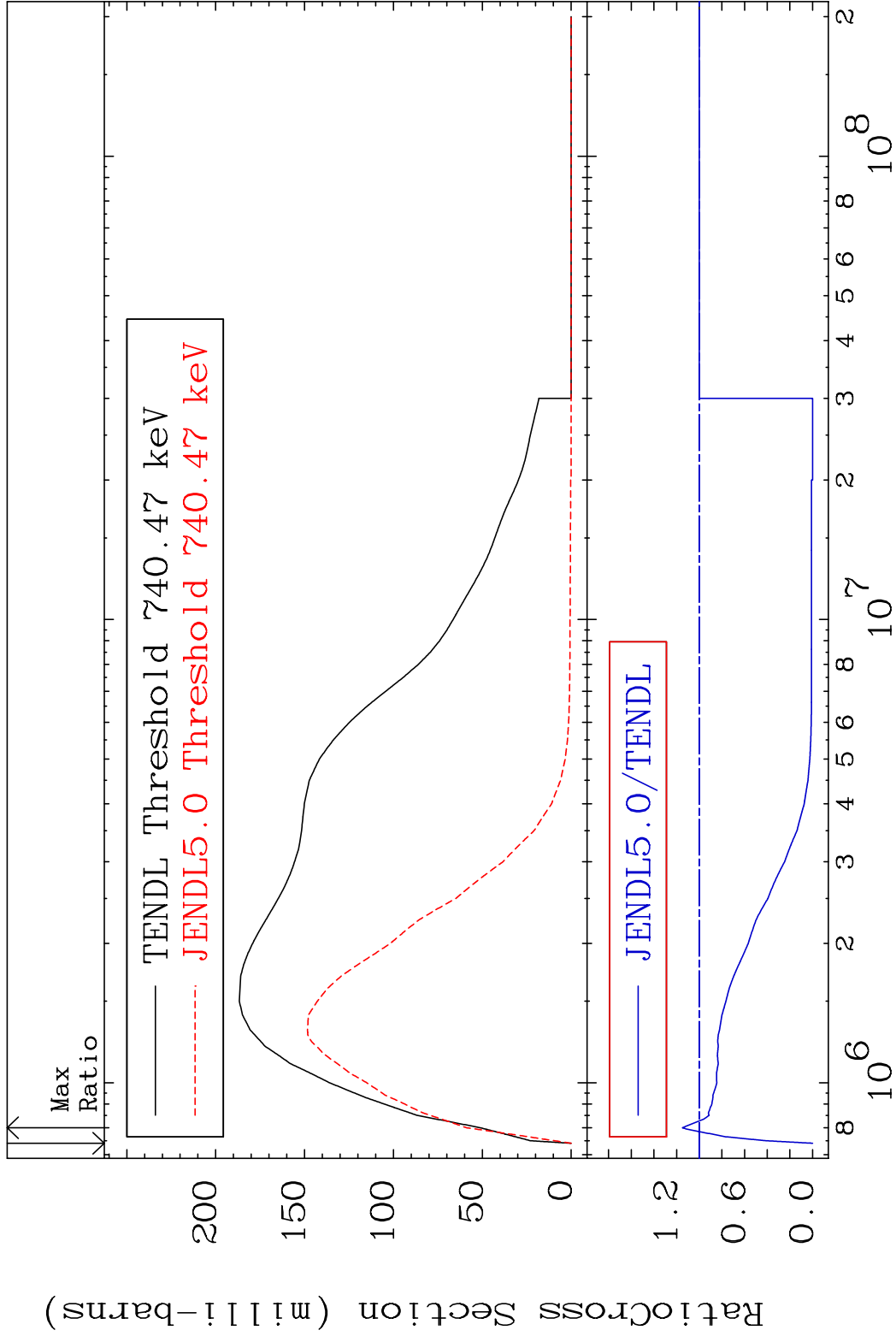
MAT 7925 MT= 56 (n,n') Level 79-Au-197
Cross Section -100.0 To 43.16 %



MAT 7925 MT= 57 (n,n') Level 79-Au-197
Cross Section -100.0 To 20.42 %

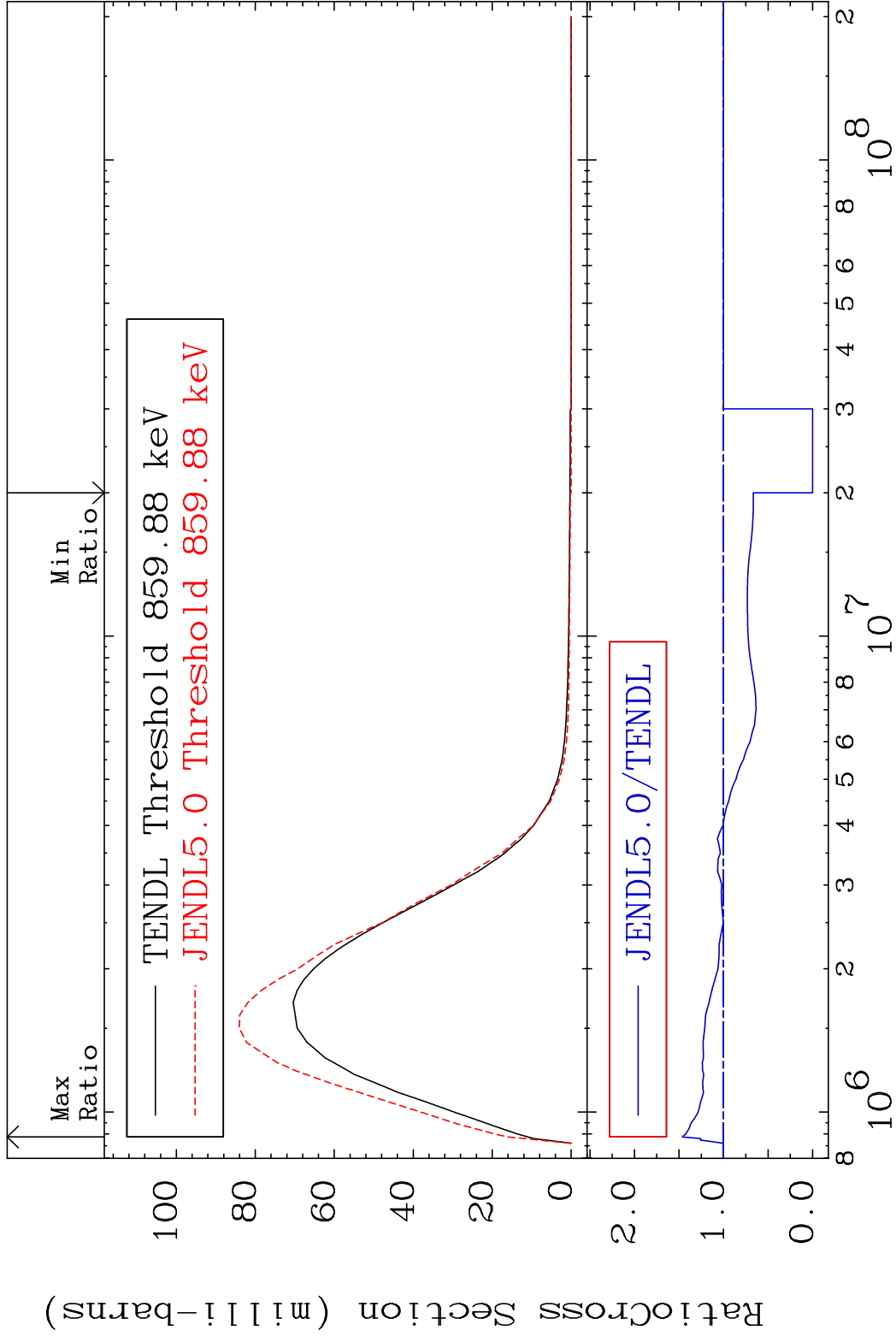


MAT 7925 MT= 58 (n,n') Level 79-Au-197
Cross Section -100.0 To 14.91 %

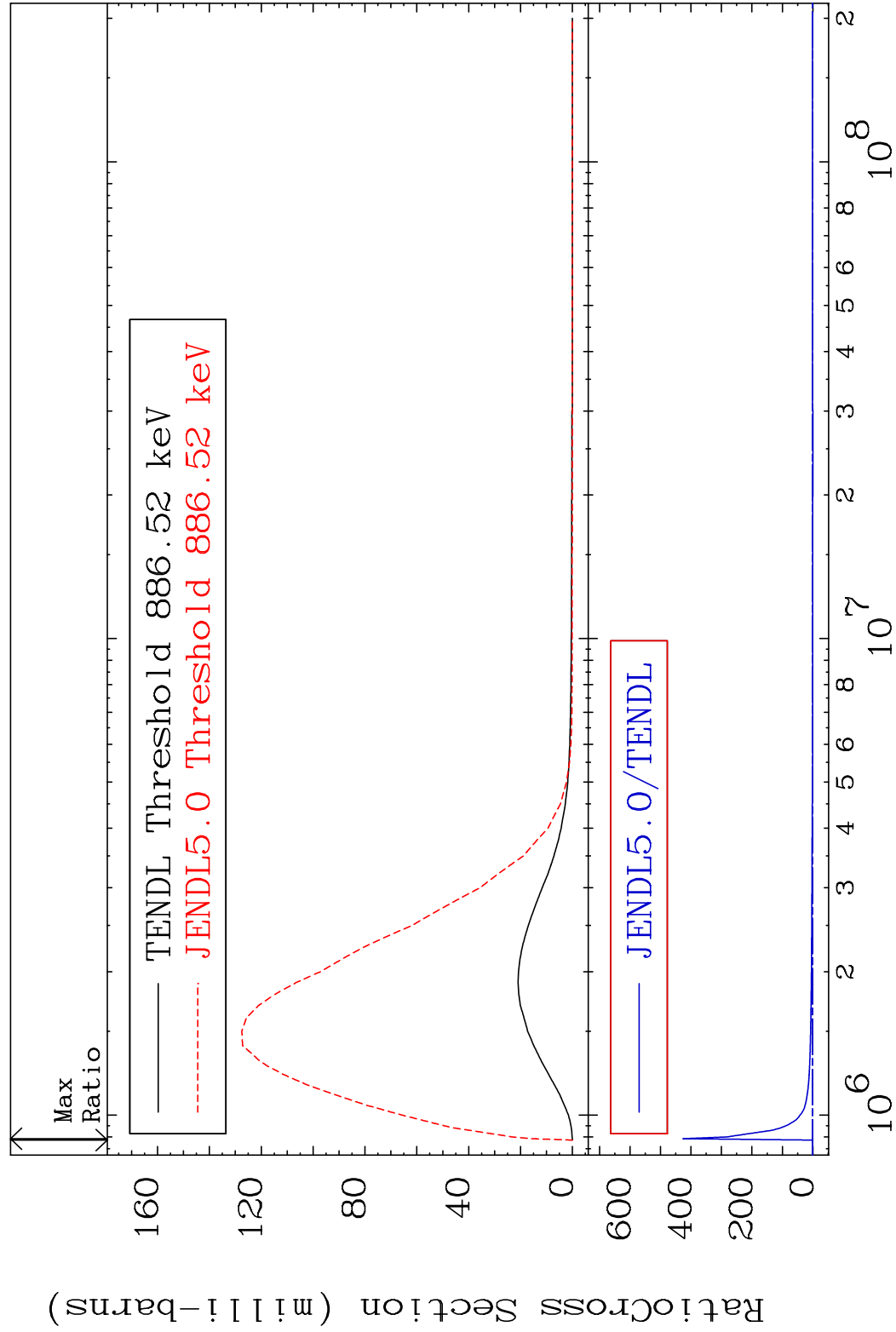


20 Incident Energy (eV) 79-Au-197

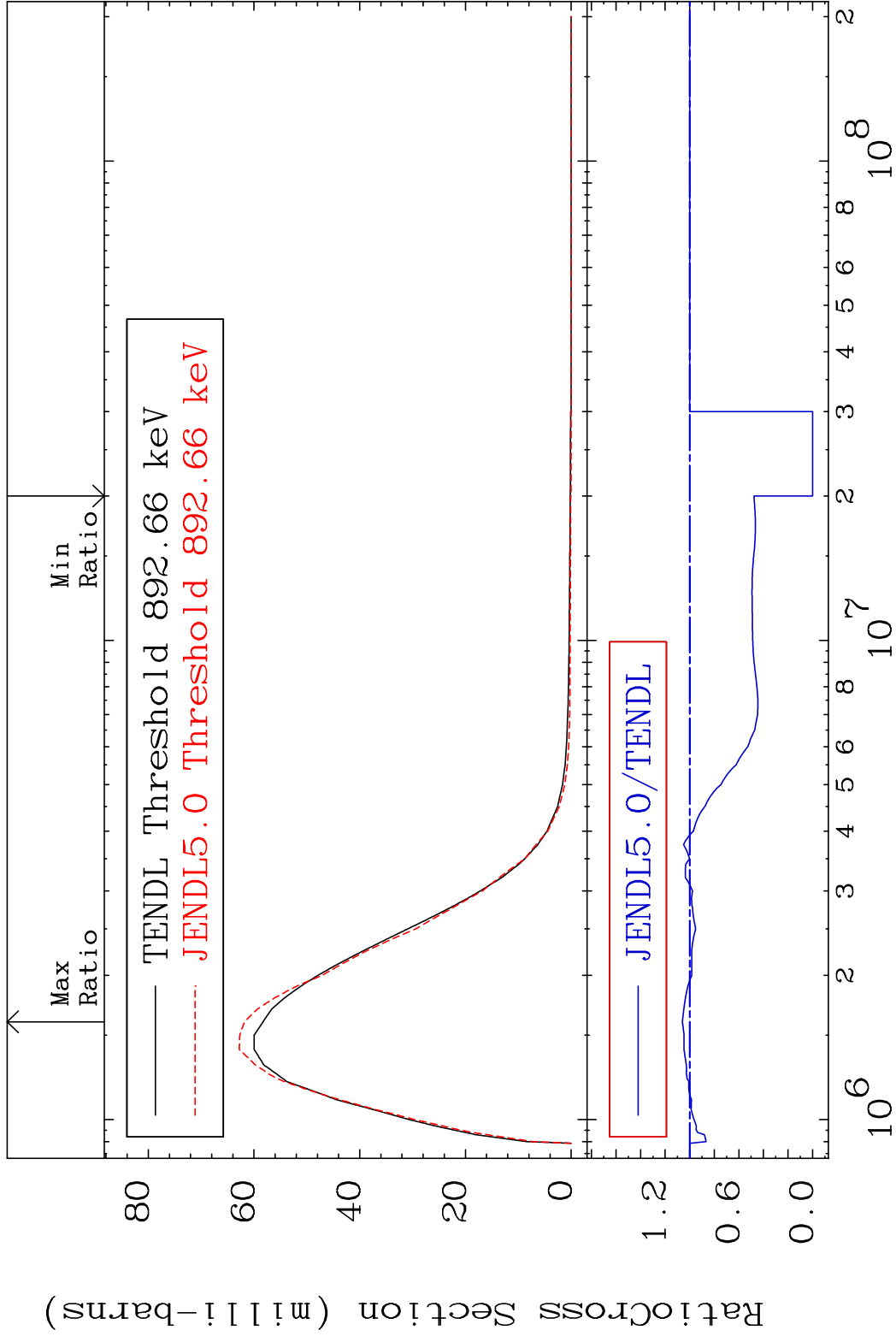
MAT 7925 MT= 59 (n,n') Level 79-Au-197
Cross Section -100.0 To 46.20 %



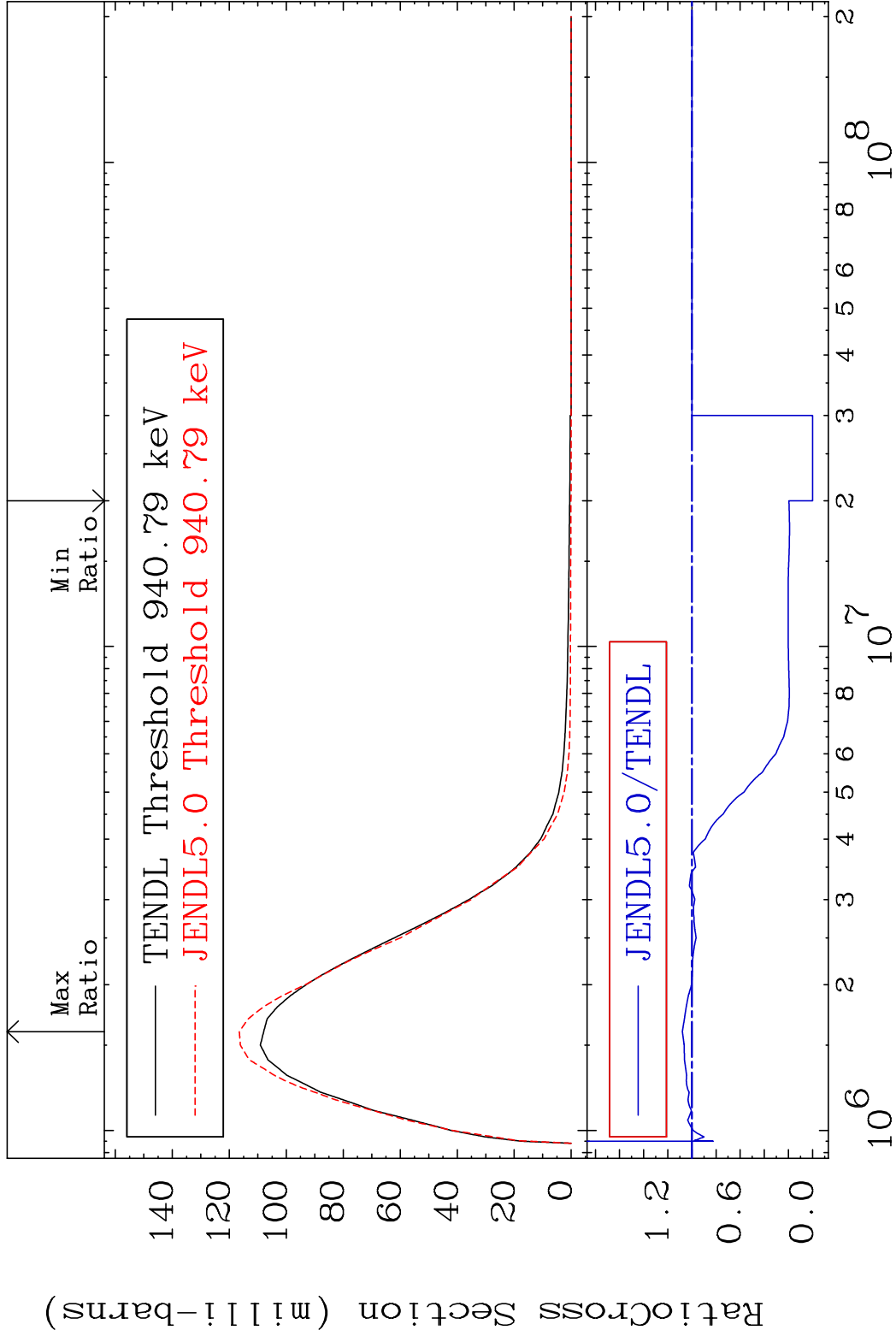
MAT 7925 MT= 60 (n,n') Level 79-Au-197
Cross Section -100.0 To 9999. %



22 Incident Energy (eV) 79-Au-197

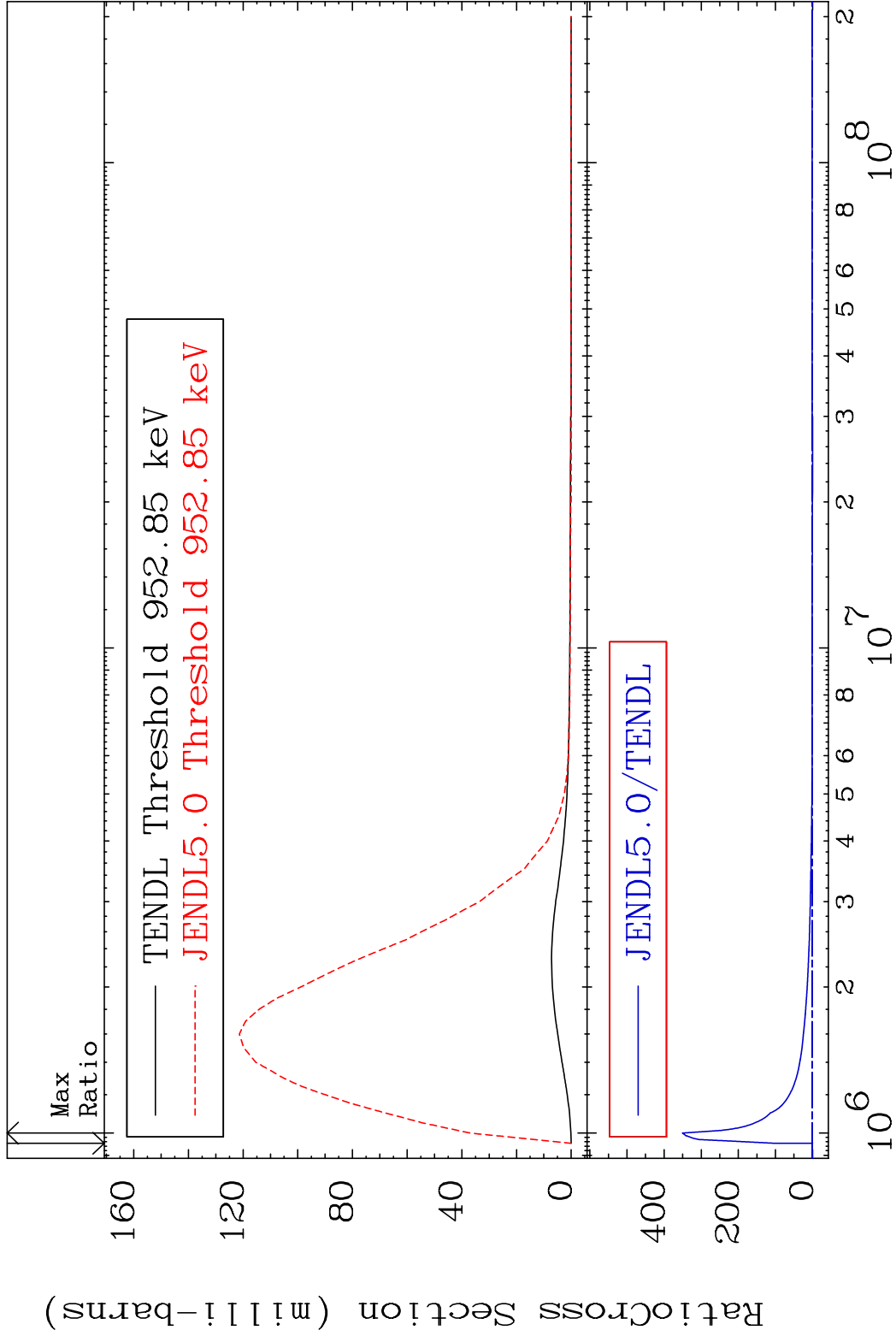


MAT 7925 MT= 62 (n,n') Level 79-Au-197
Cross Section -100.0 To 7.932 %

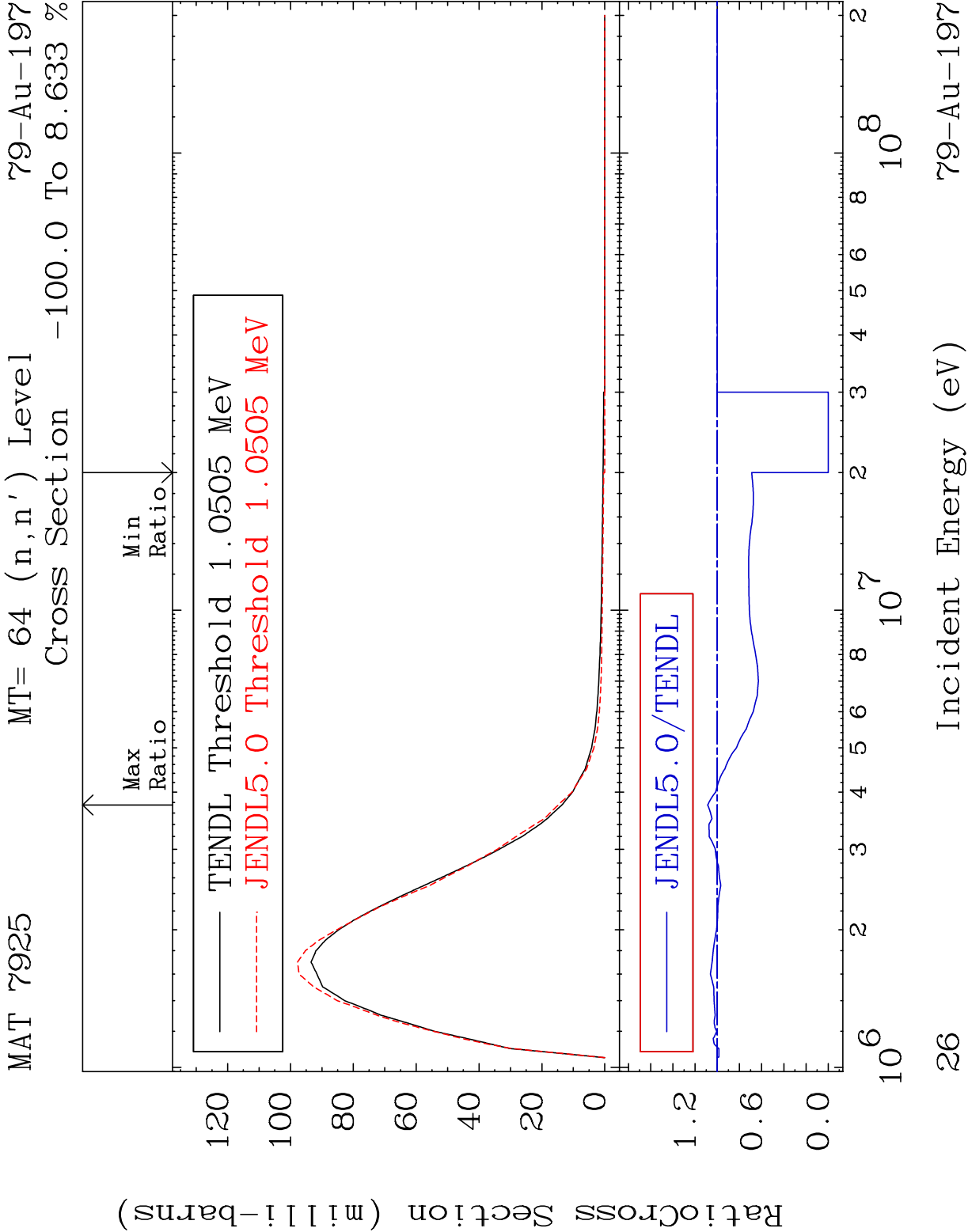


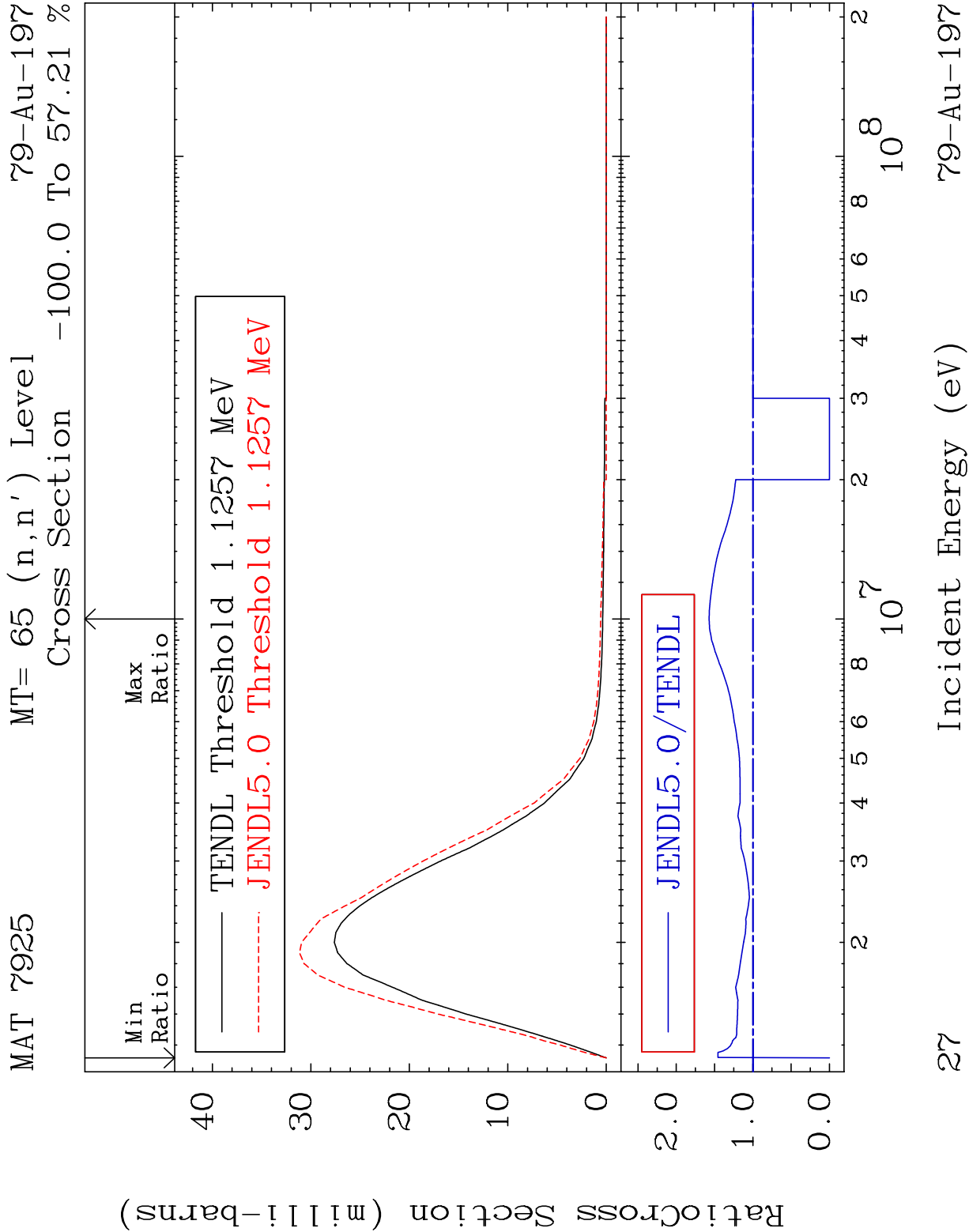
24 Incident Energy (eV) 79-Au-197

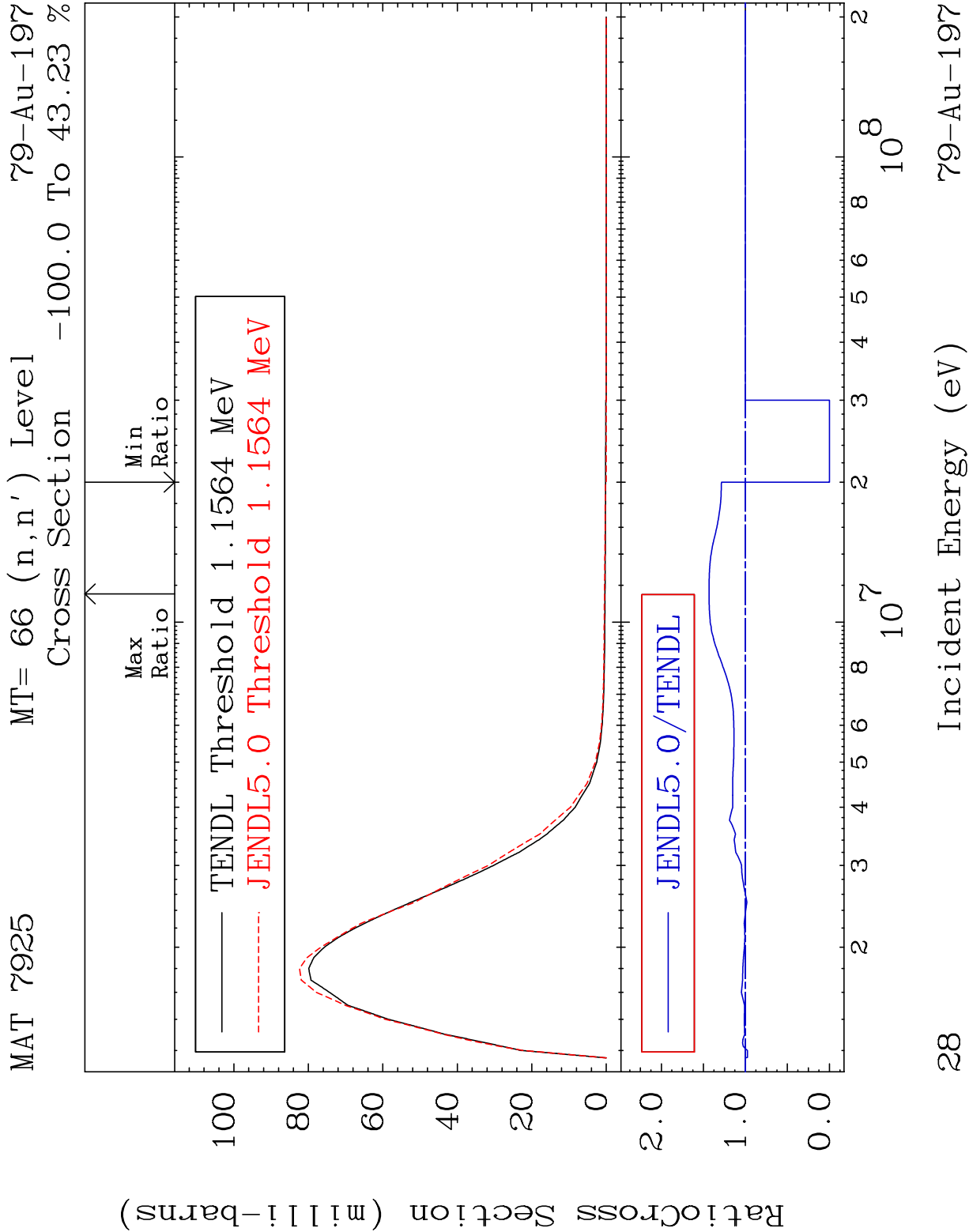
MAT 7925 MT= 63 (n,n') Level 79-Au-197
Cross Section -100.0 To 9999. %



25 Incident Energy (eV) 79-Au-197







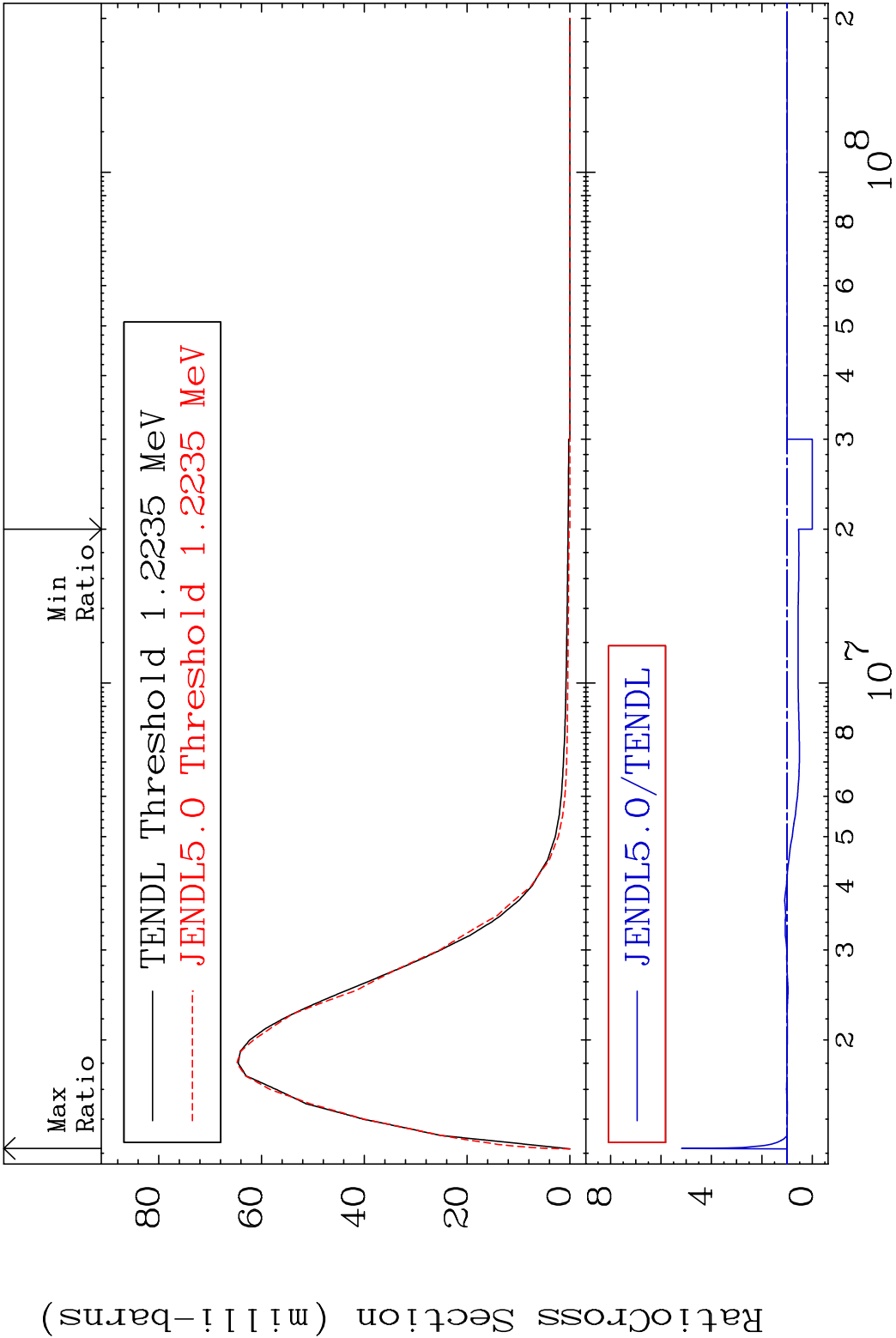
MAT 7925

MT= 67 (n,n') Level

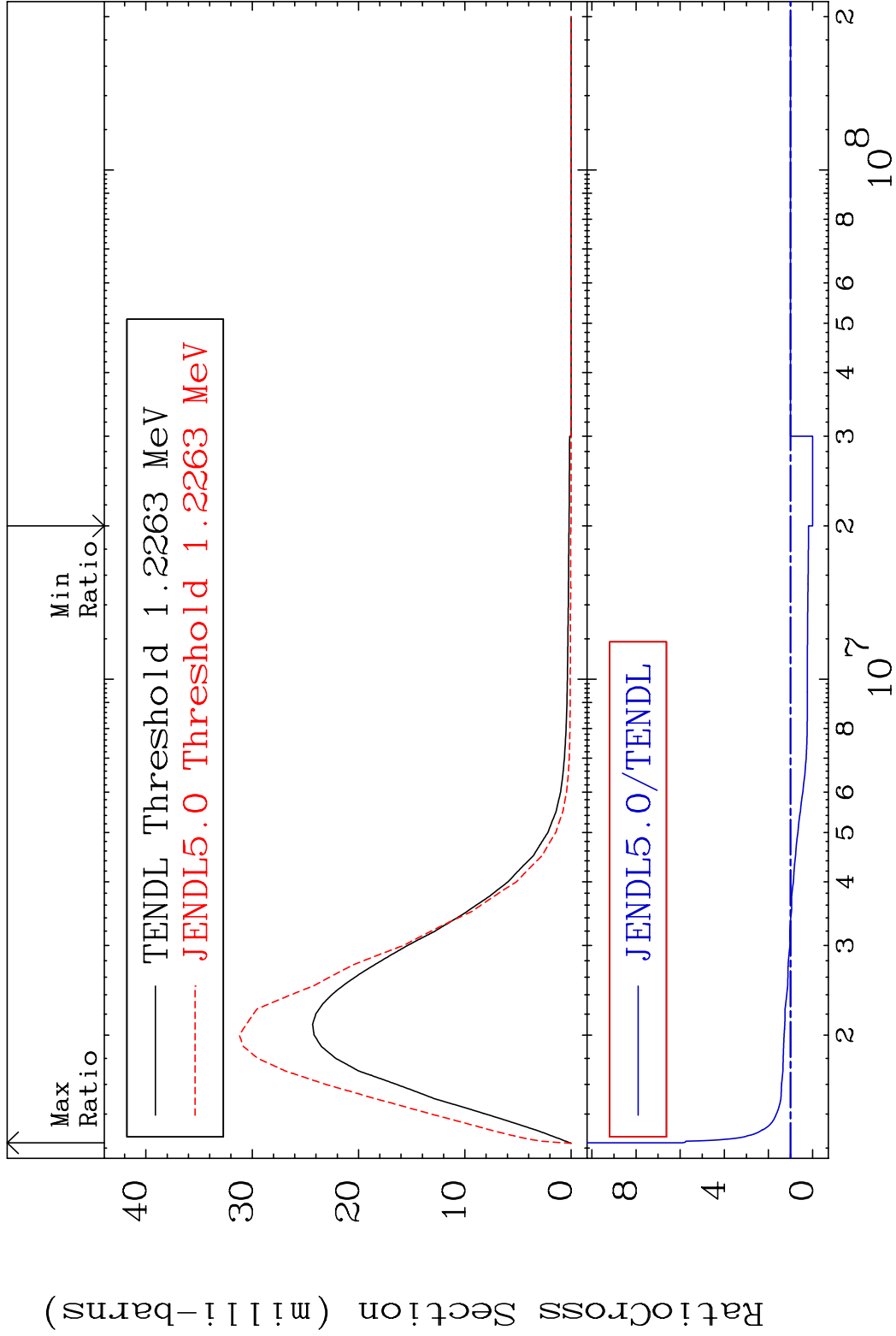
79-Au-197

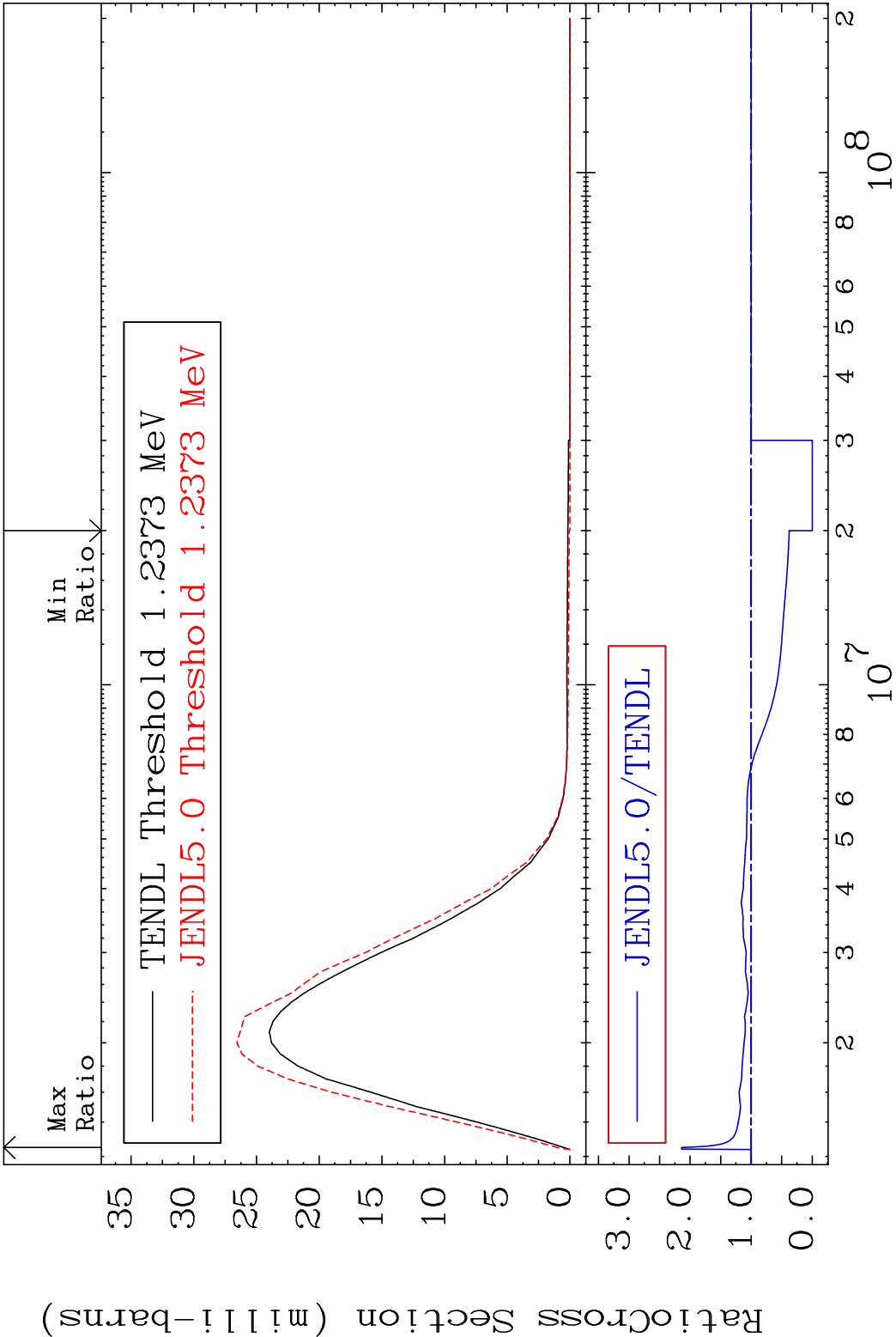
Cross Section

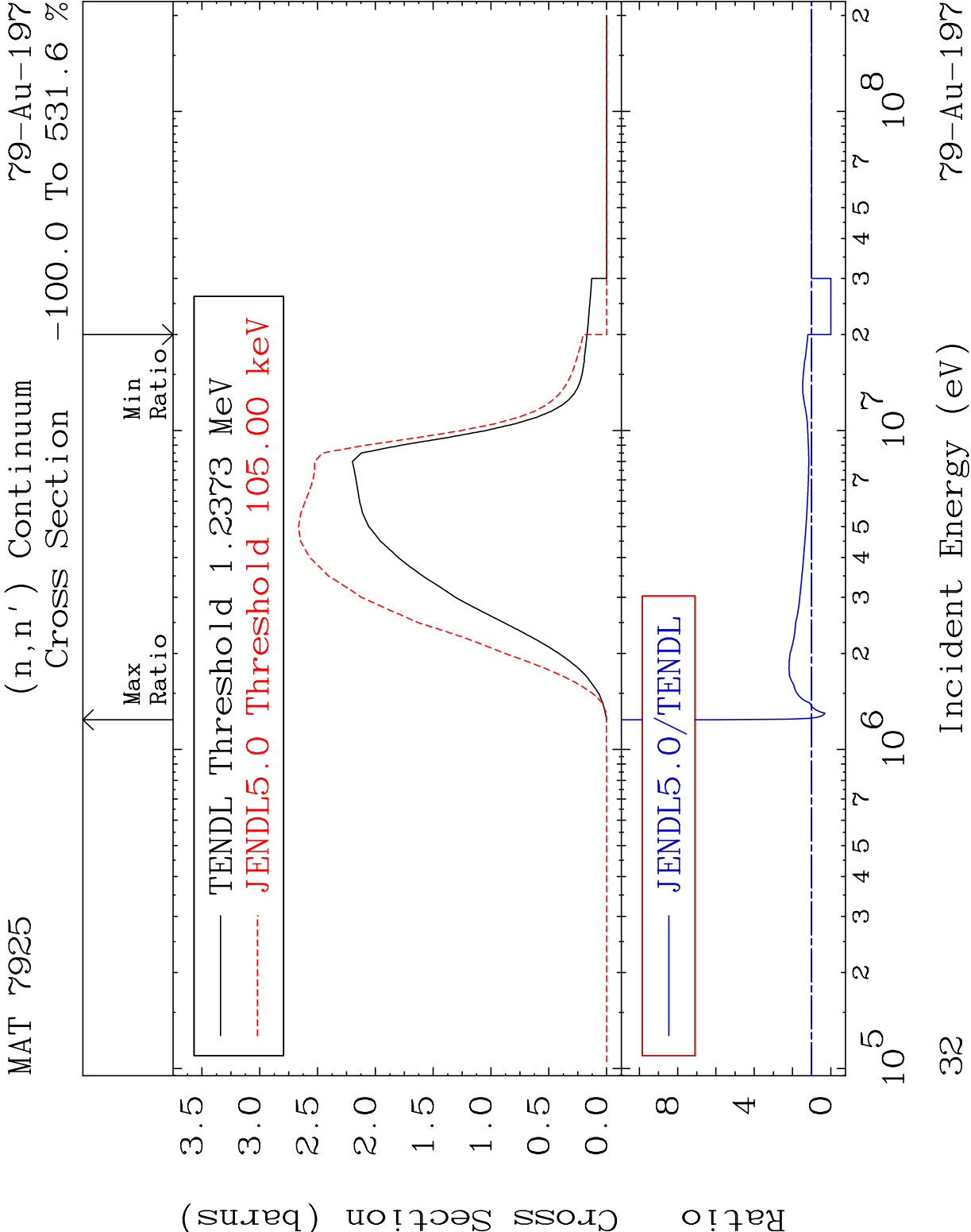
-100.0 To 418.4 %

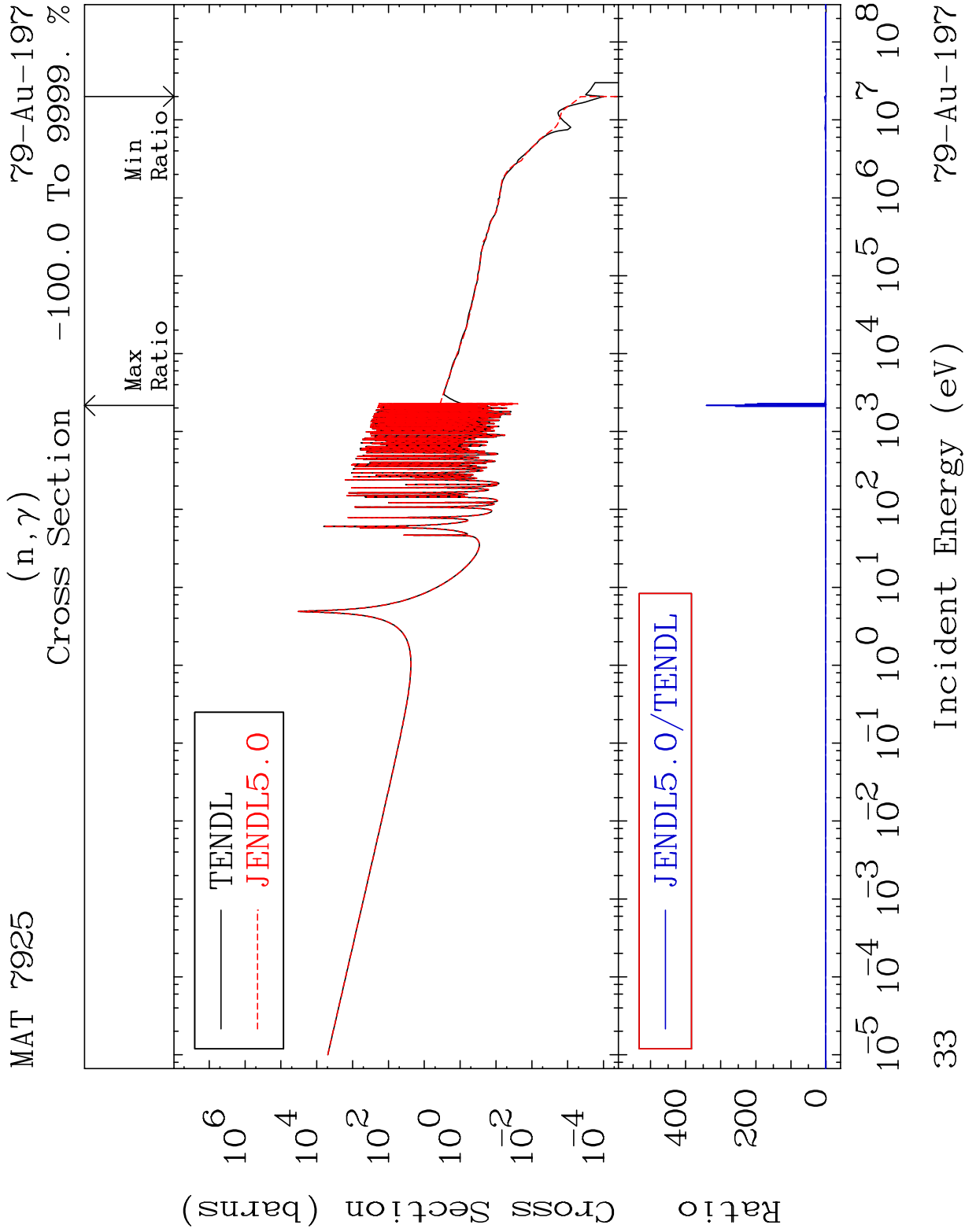


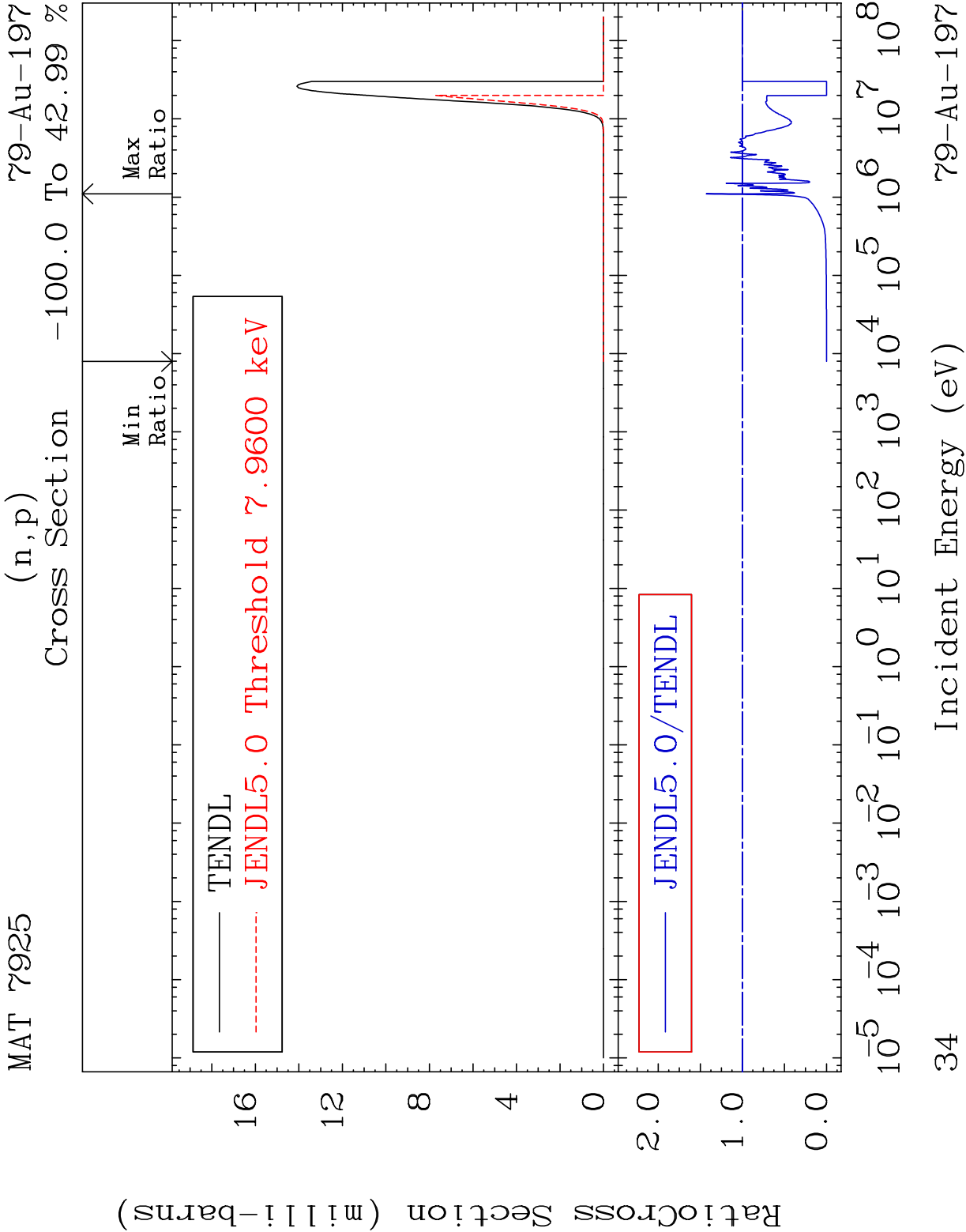
MAT 7925 MT= 68 (n,n') Level 79-Au-197
Cross Section -100.0 To 490.1 %

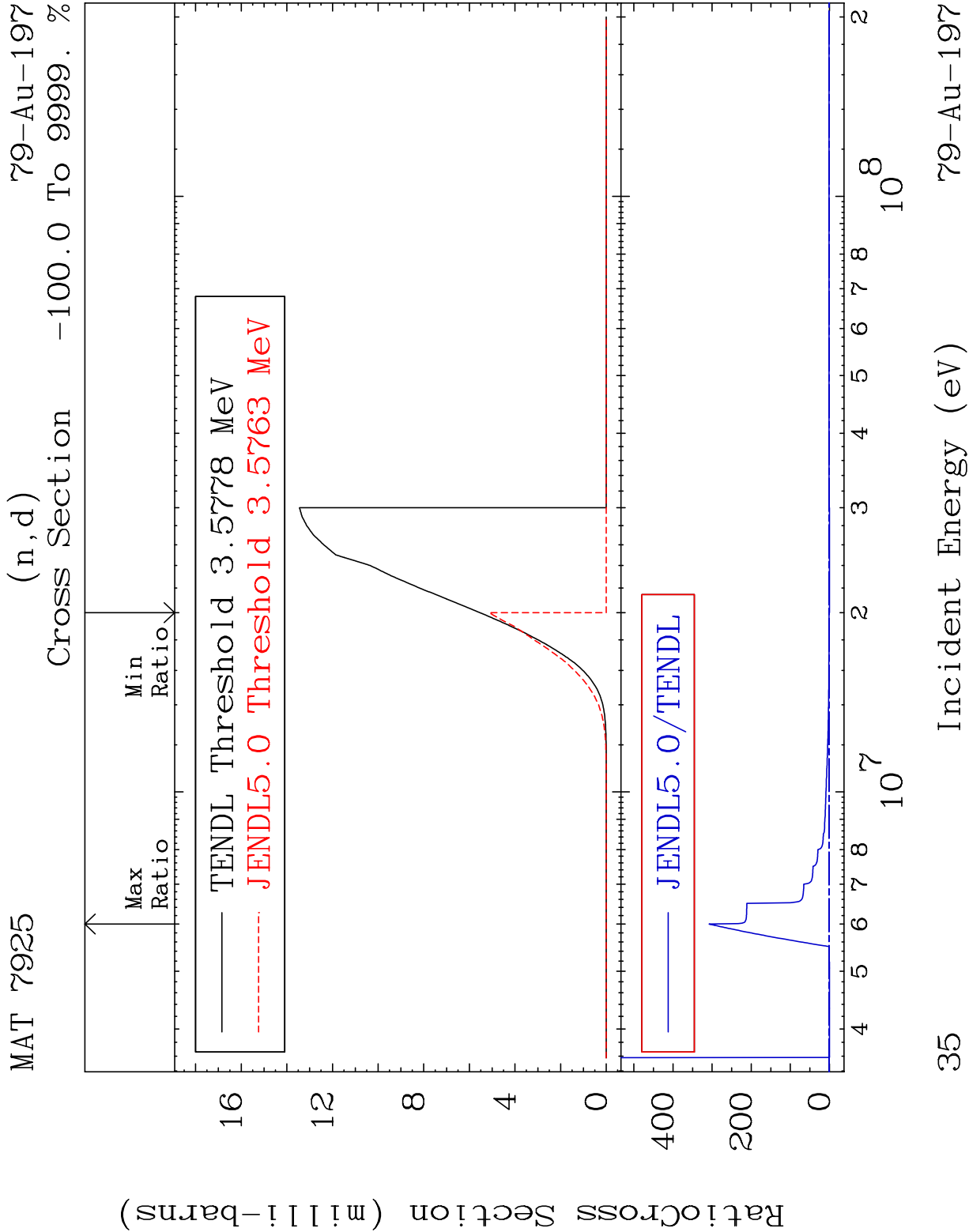


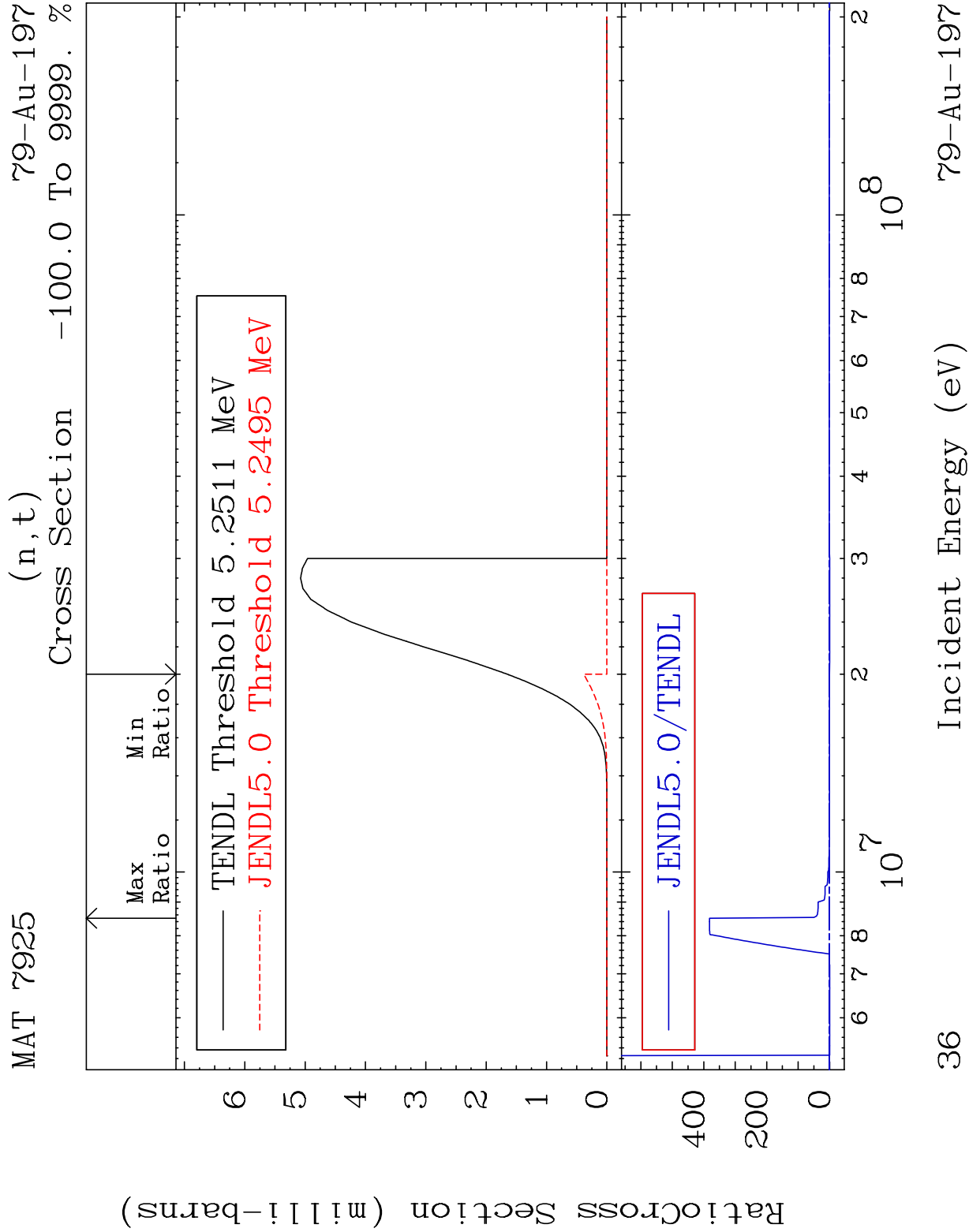


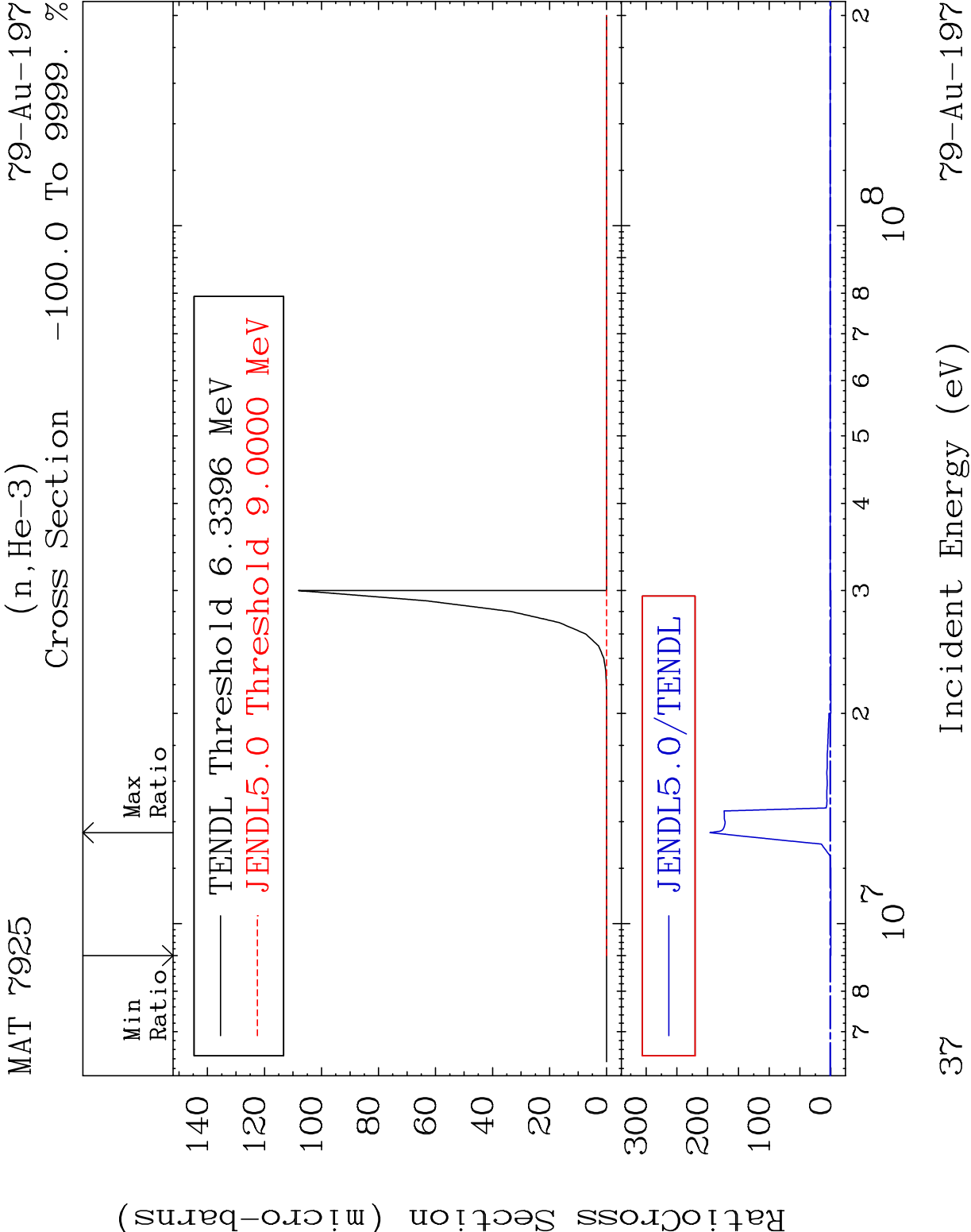


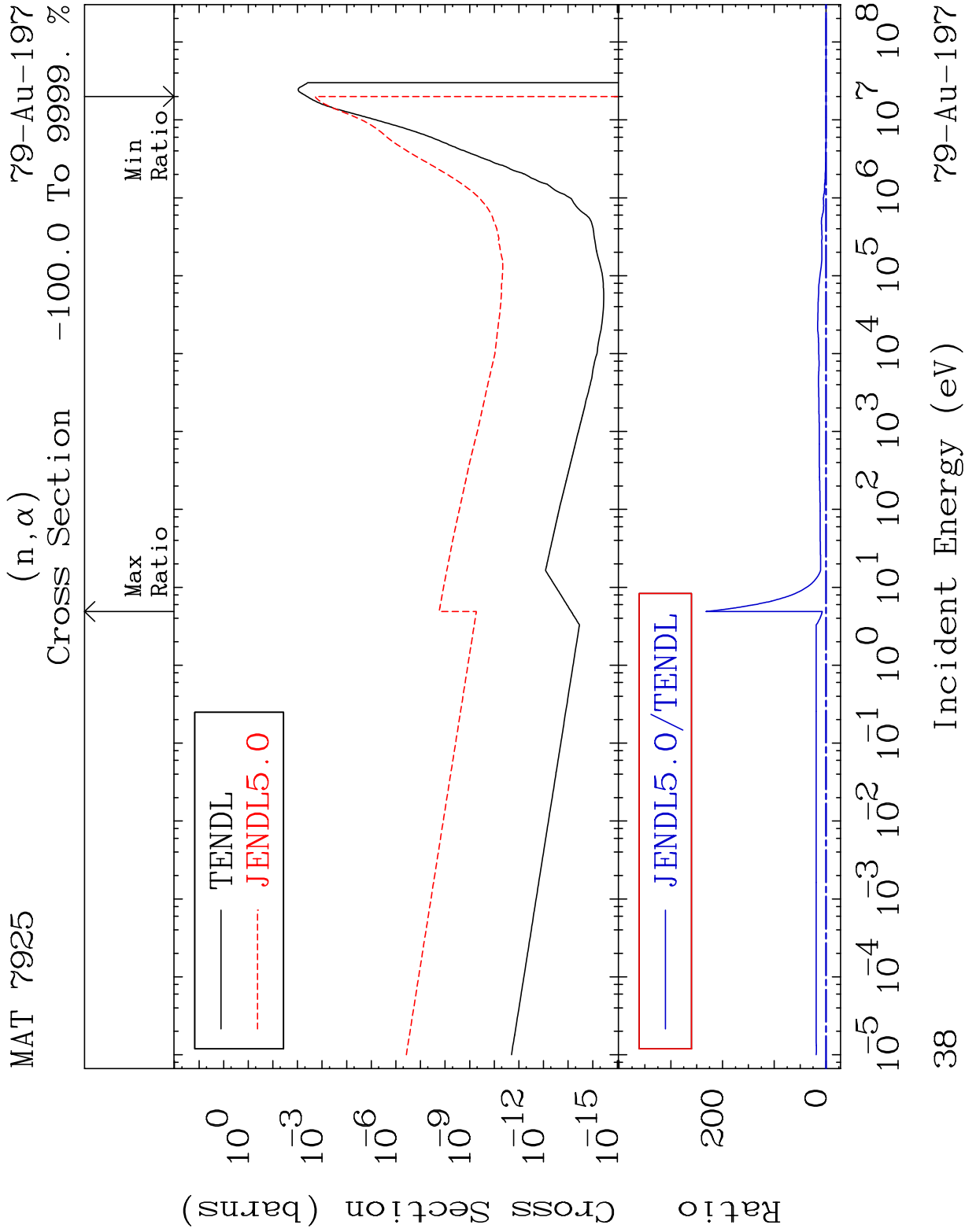


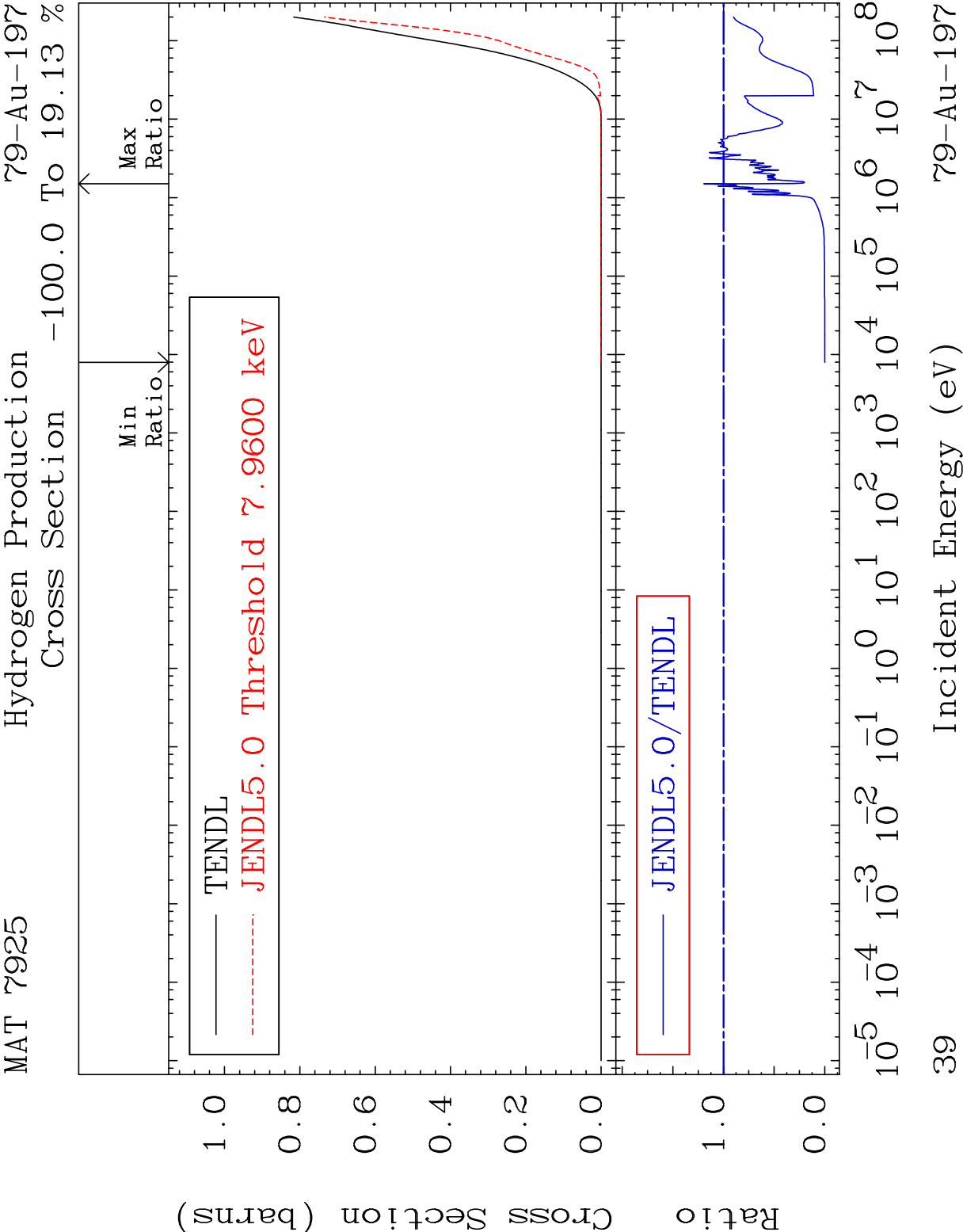


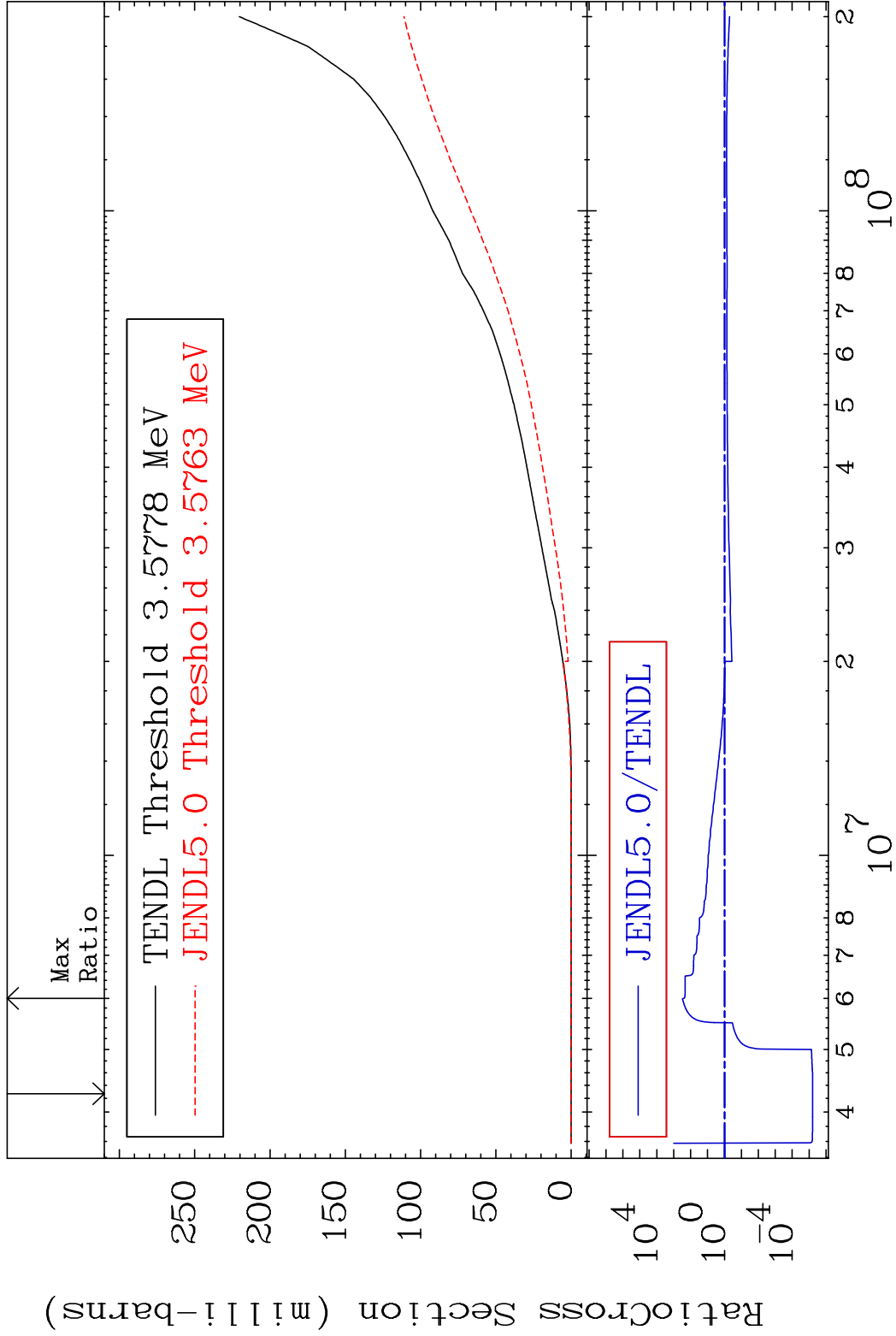


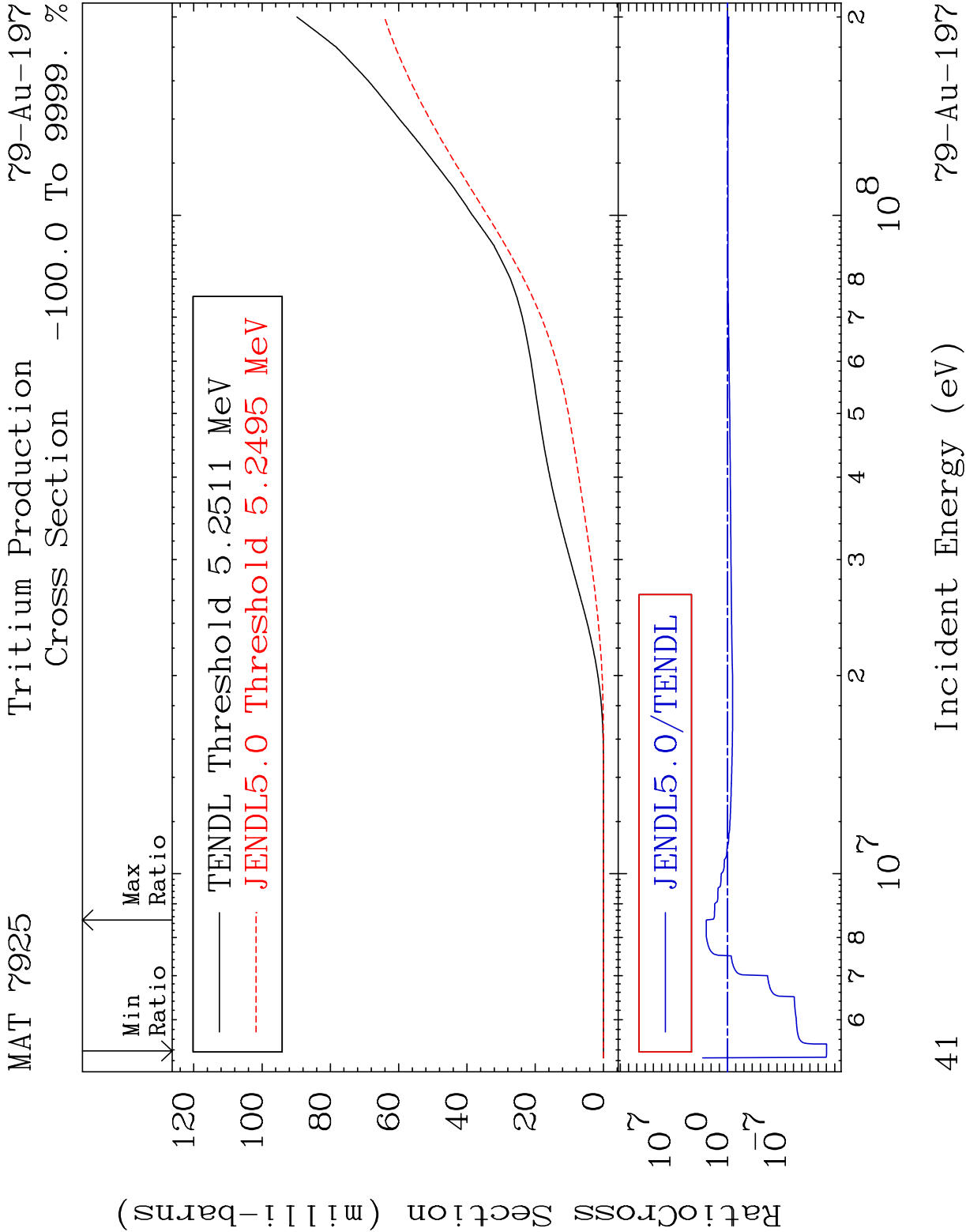


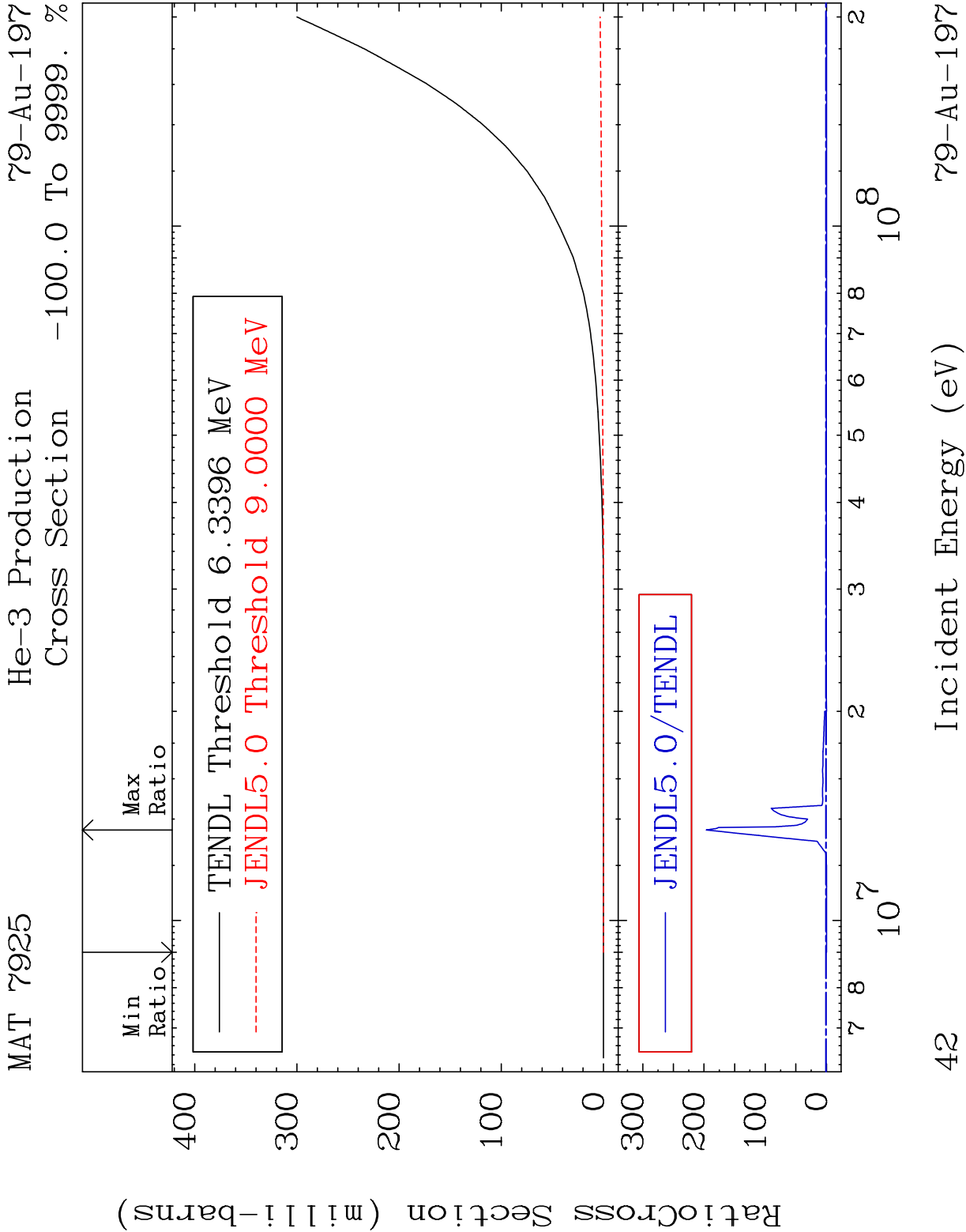


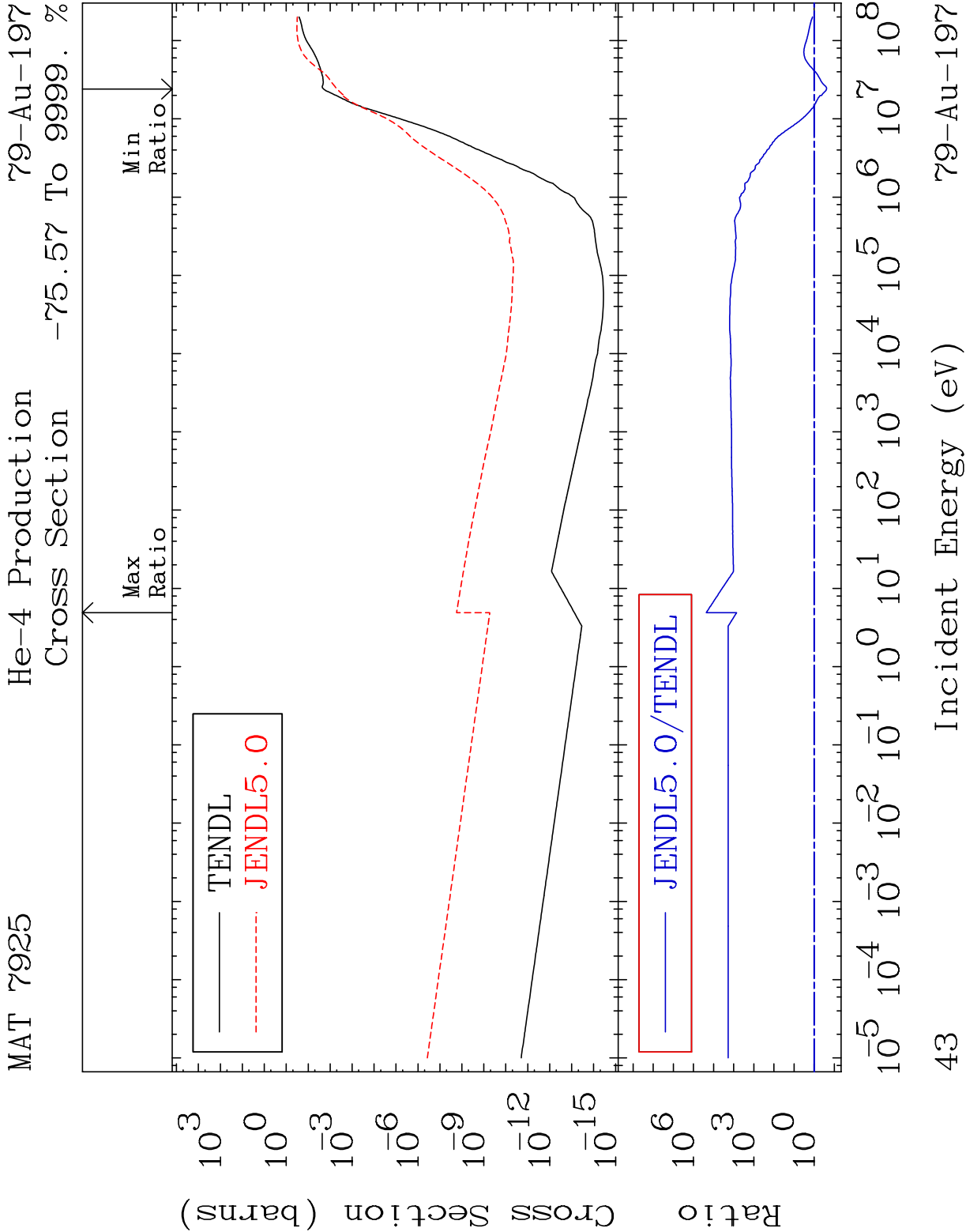




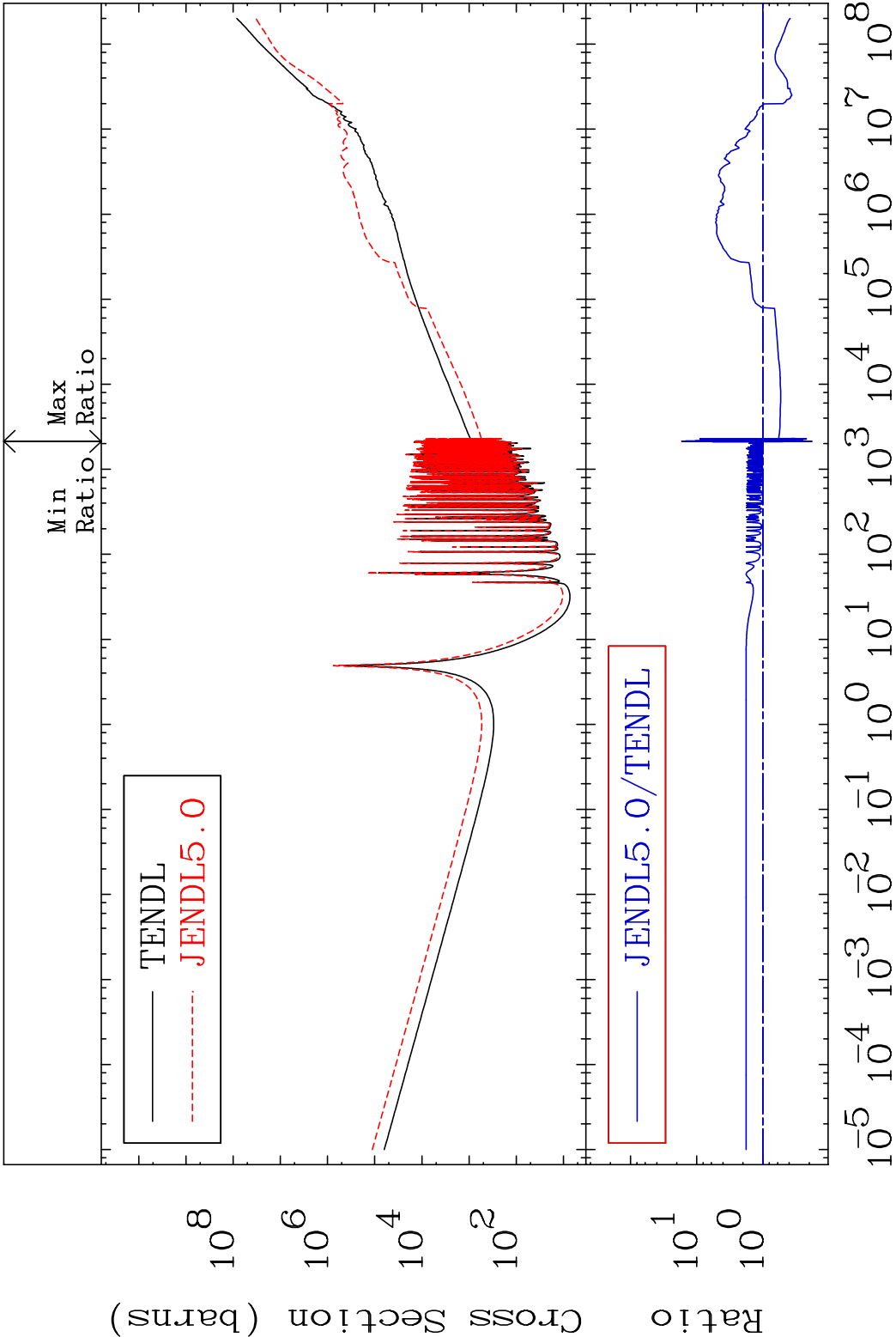


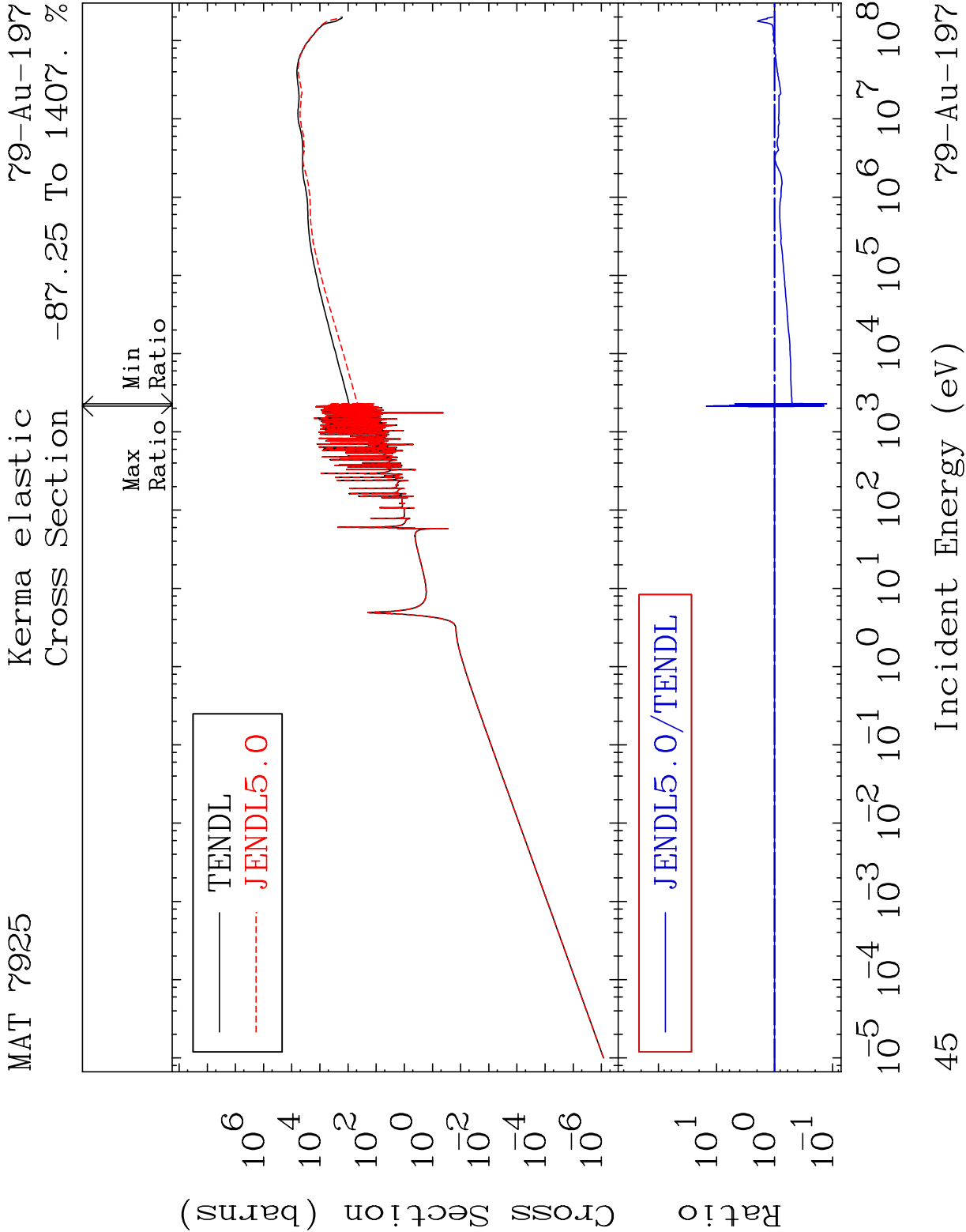




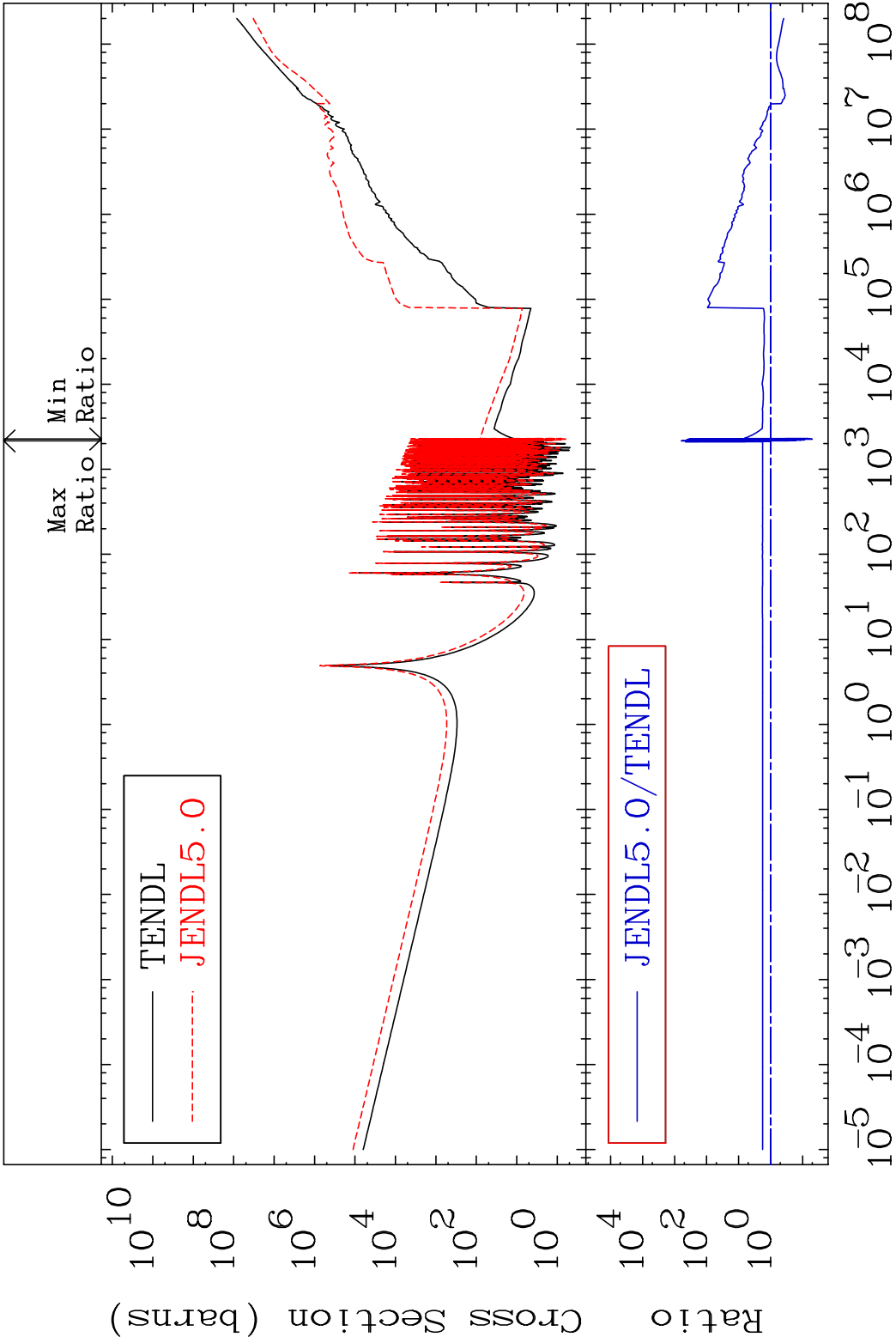


MAT 7925 Kerma total (eV-barns) 79-Au-197
Cross Section -81.99 To 1592. %

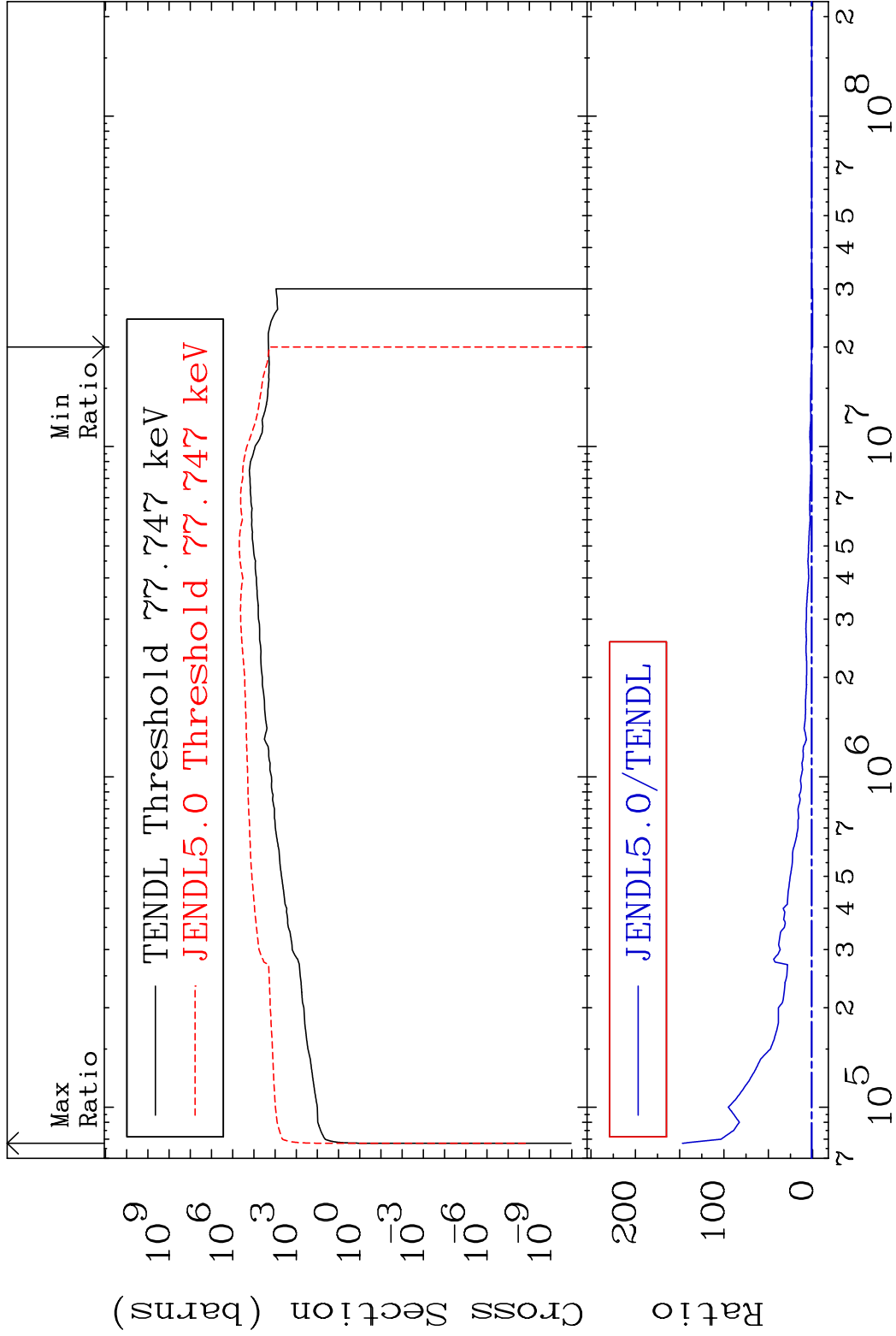




MAT 7925 Kerma non-elastic (all but mt2) 79-Au-197
Cross Section -94.97 To 9999. %



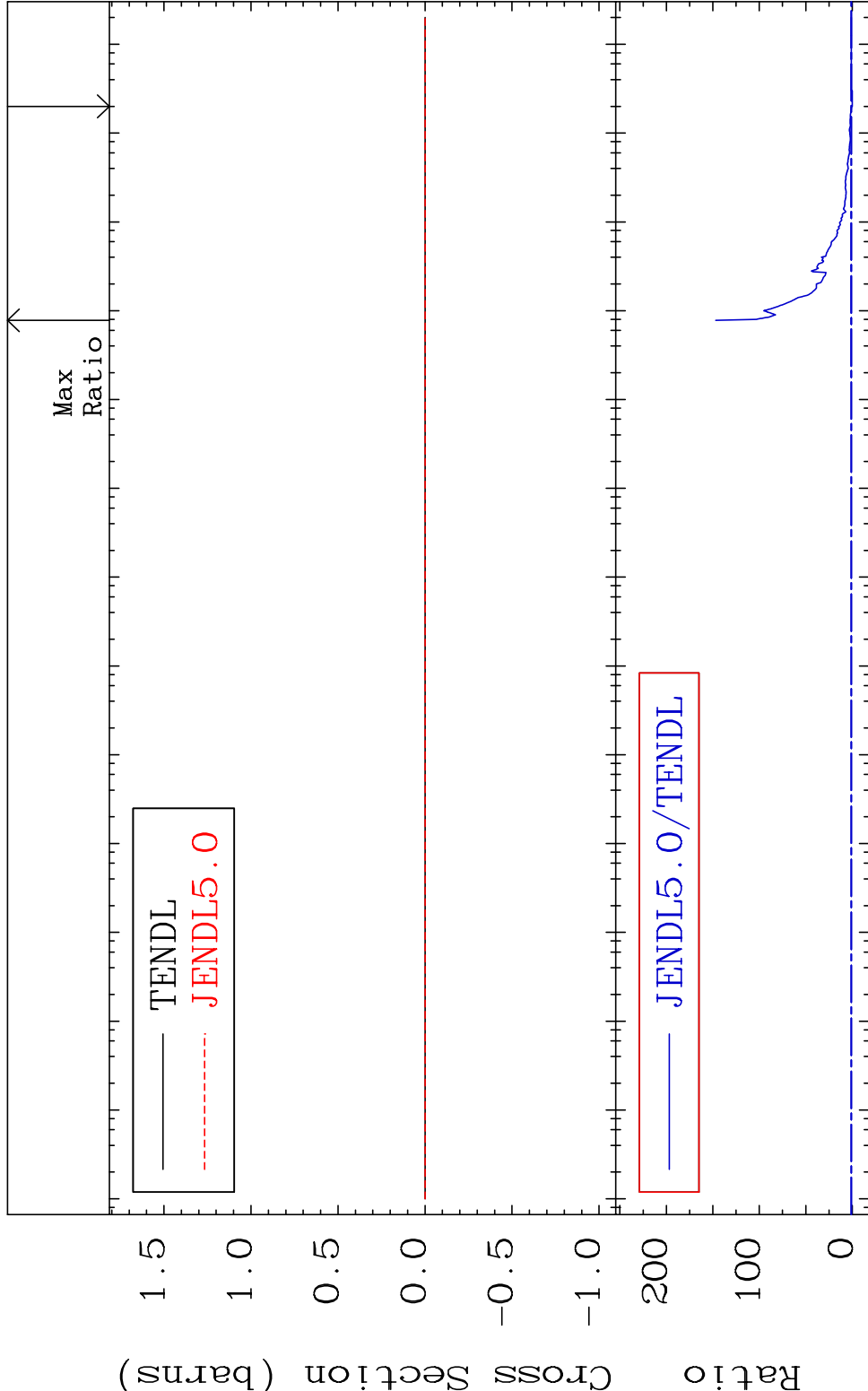
MAT 7925 Kerma inelastic (mt51-91) 79-Au-197
Cross Section -100.0 To 9999. %



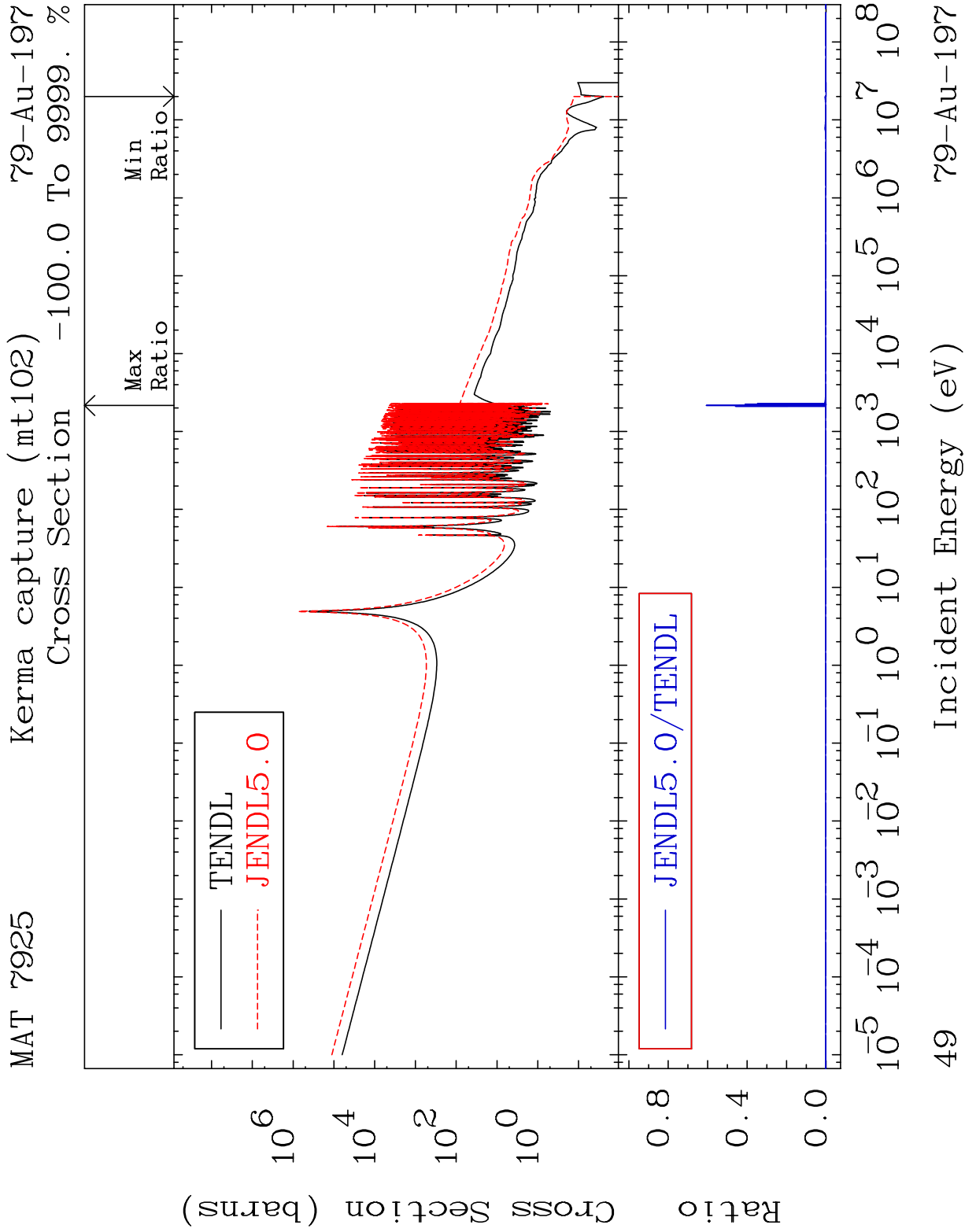
47 Incident Energy (eV) 79-Au-197

MAT 7925 Kerma fission (mt18 or mt19-20-21-38)79-Au-197

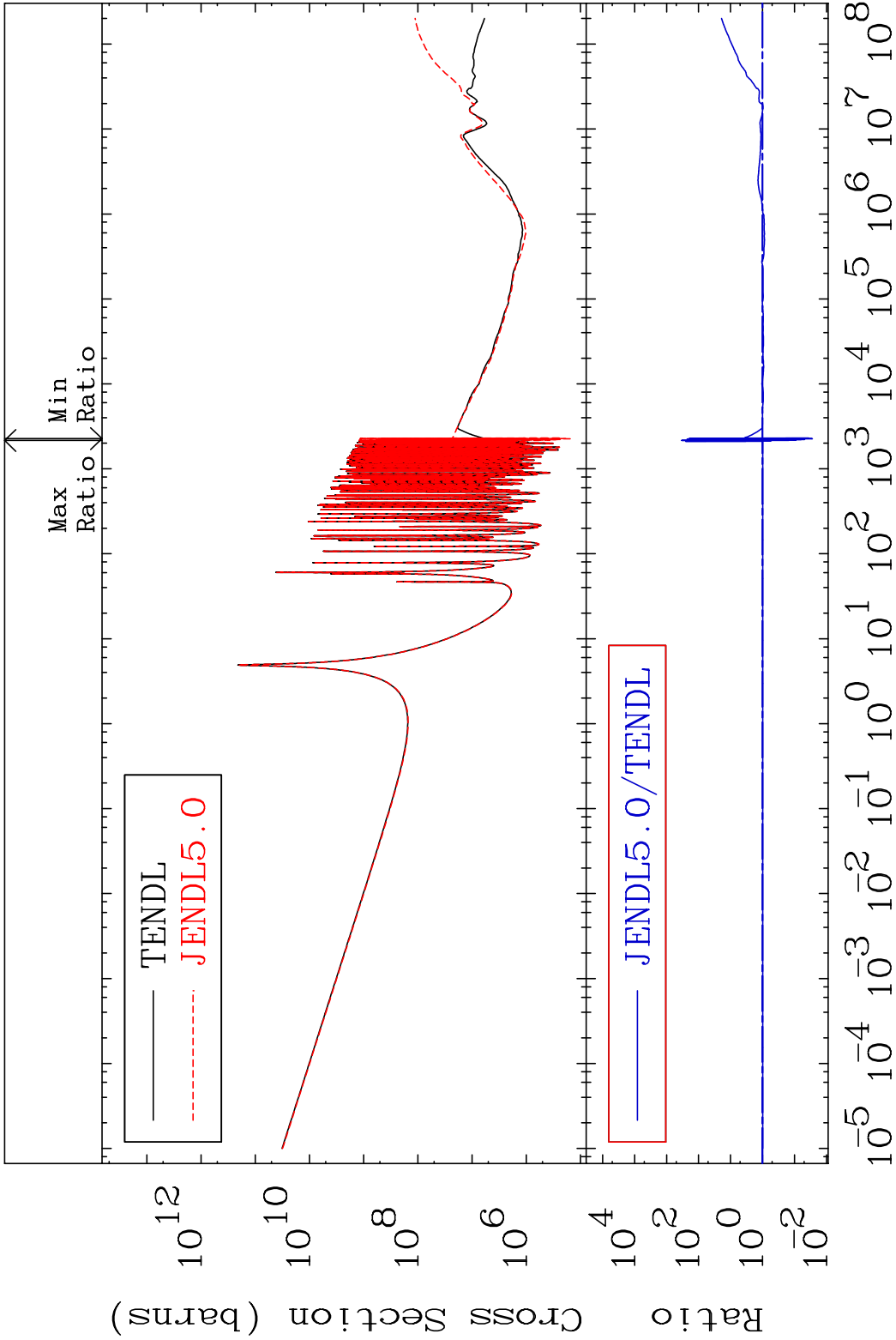
Cross Section -100.0 To 9999. %



48 Incident Energy (eV) 79-Au-197

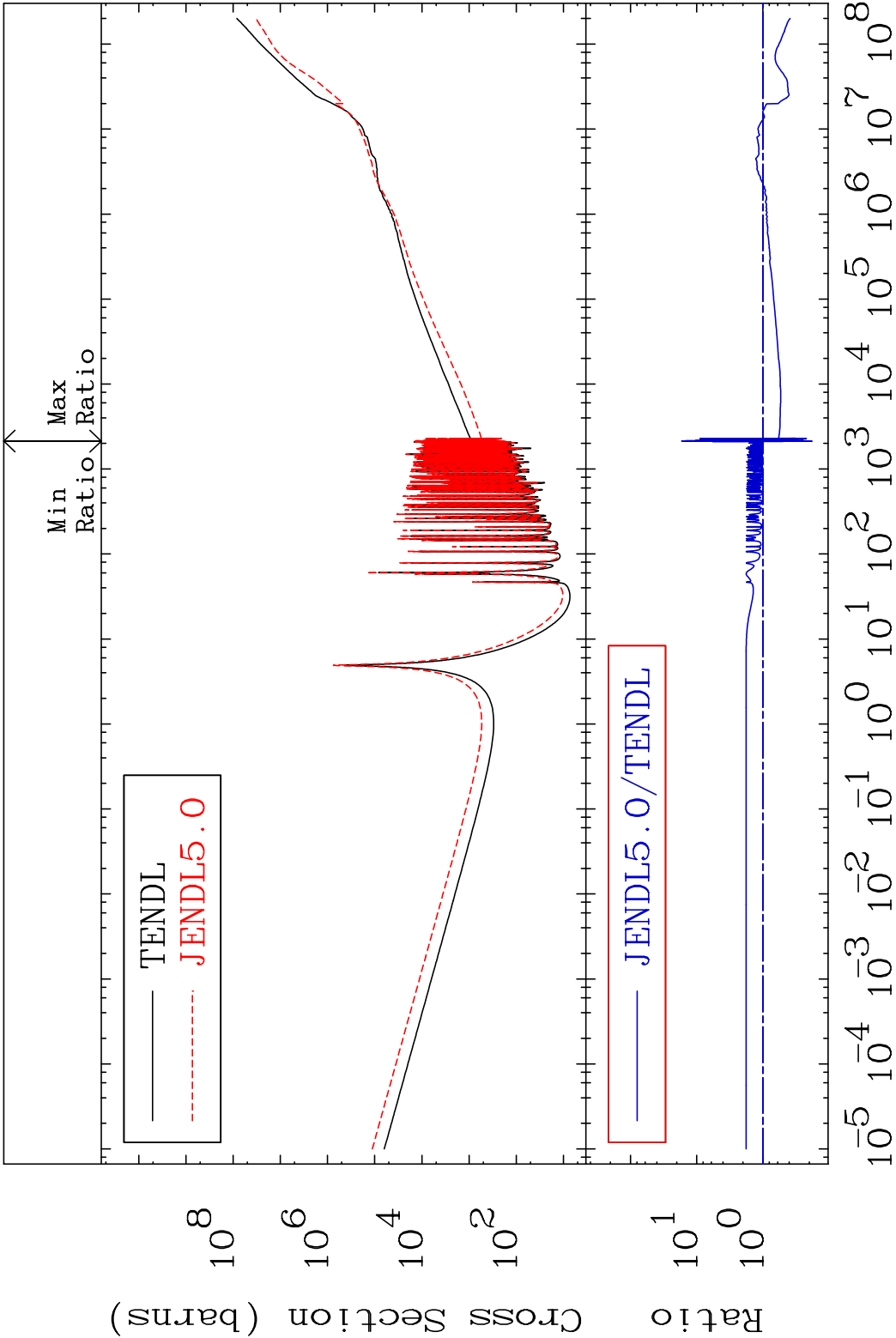


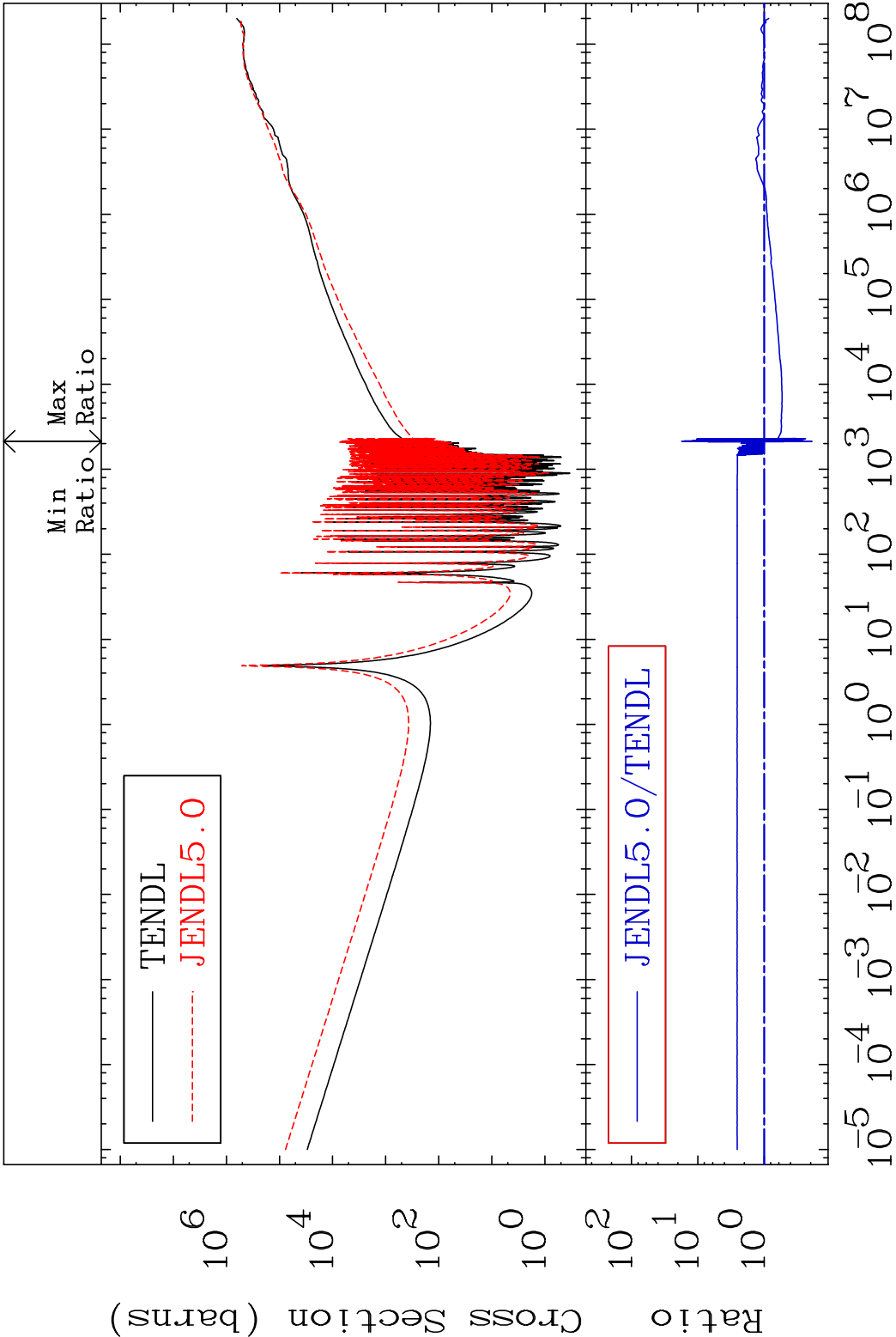
MAT 7925 Total photon (eV-barns) 79-Au-197
Cross Section -97.23 To 9999. %

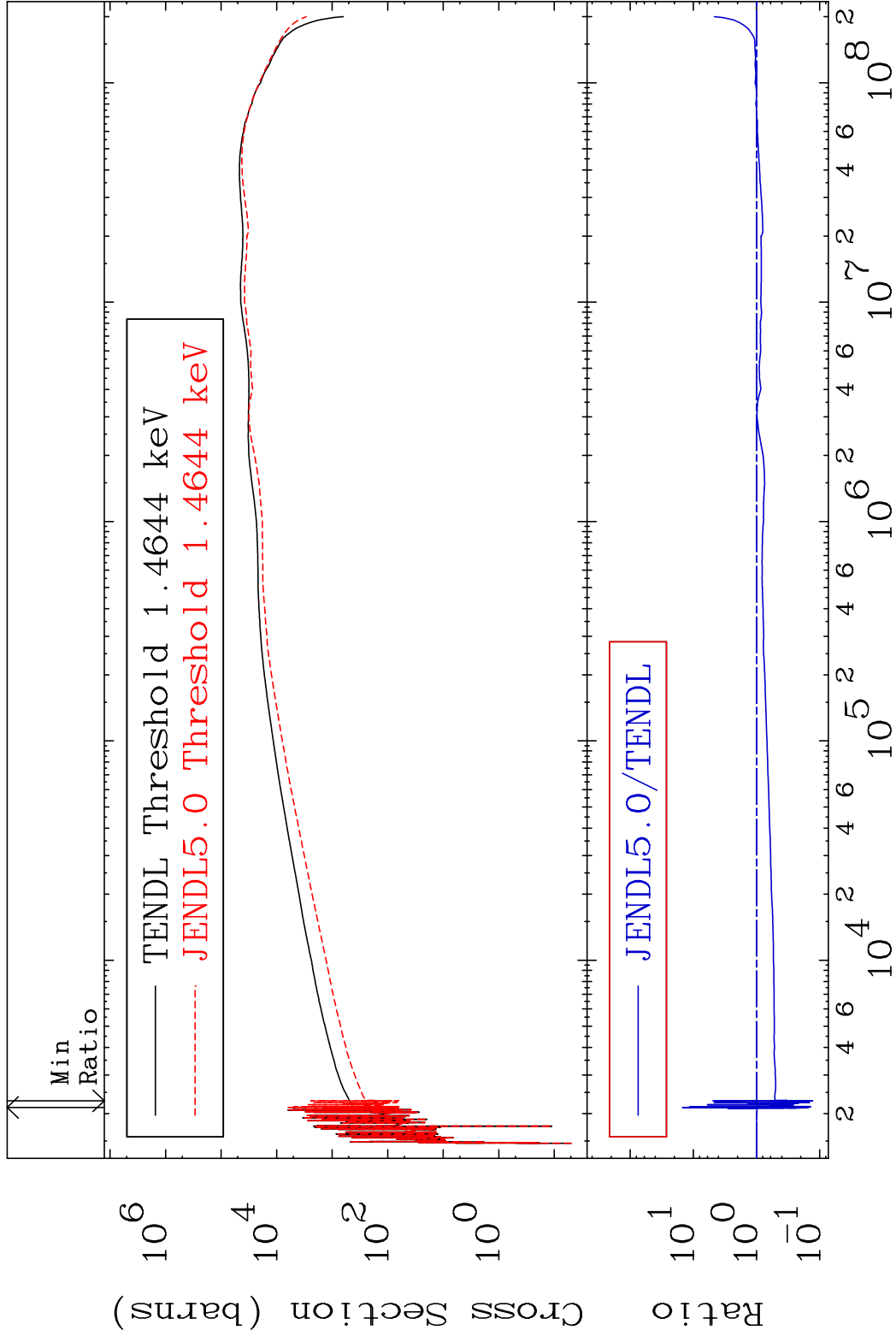


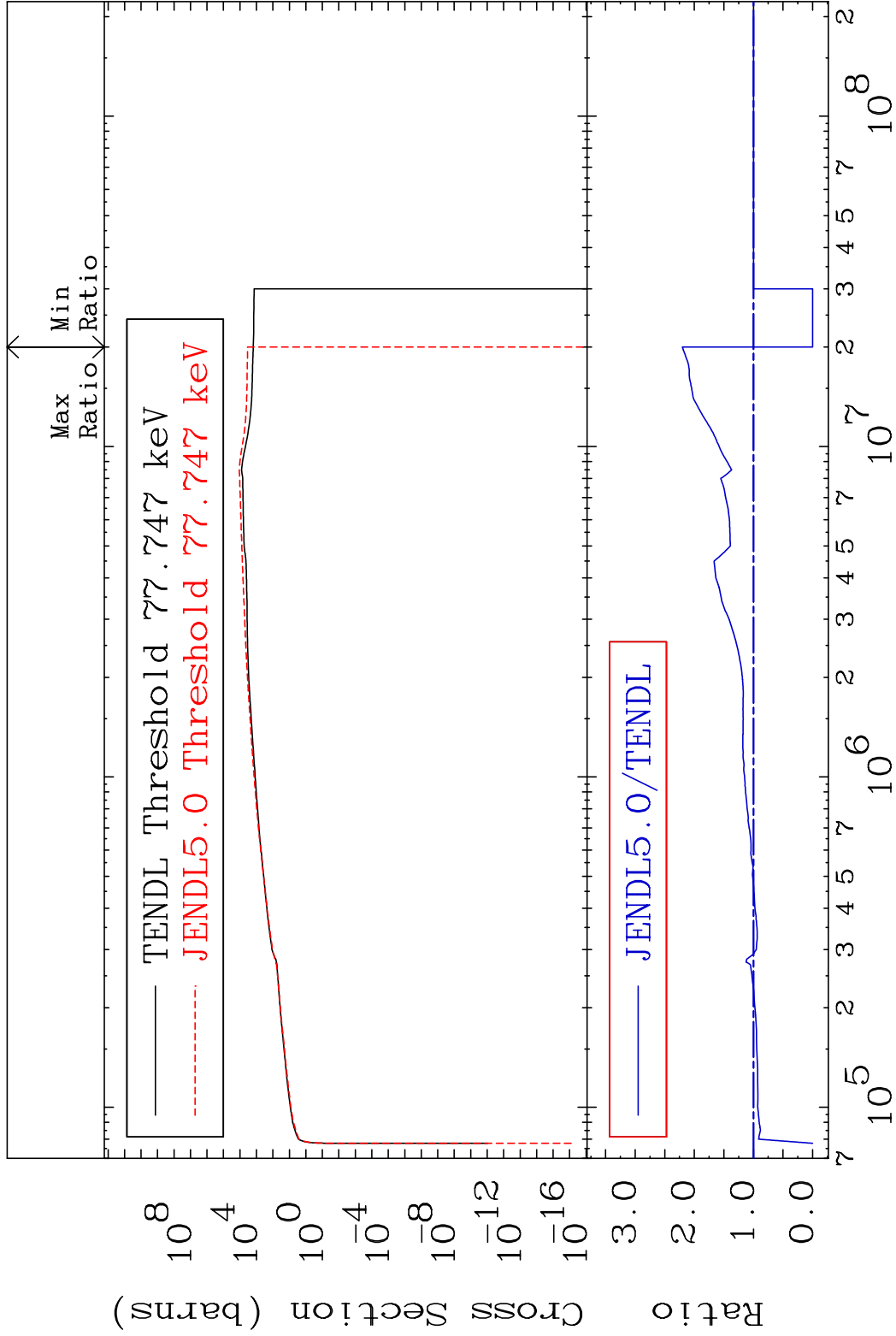
50 Incident Energy (eV) 79-Au-197

MAT 7925 Total kinematic kerma (high limit) 79-Au-197
Cross Section -81.99 To 1592. %

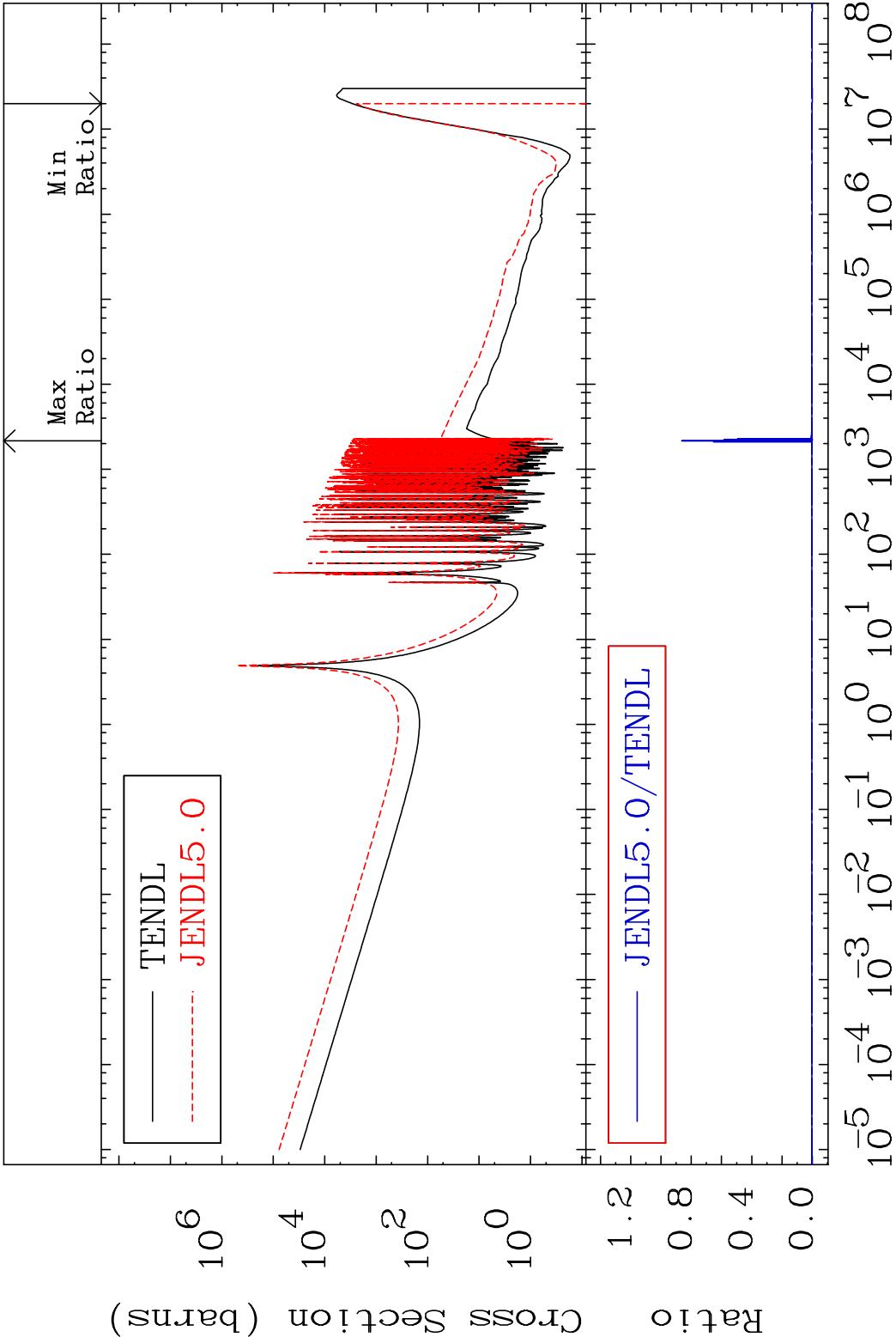




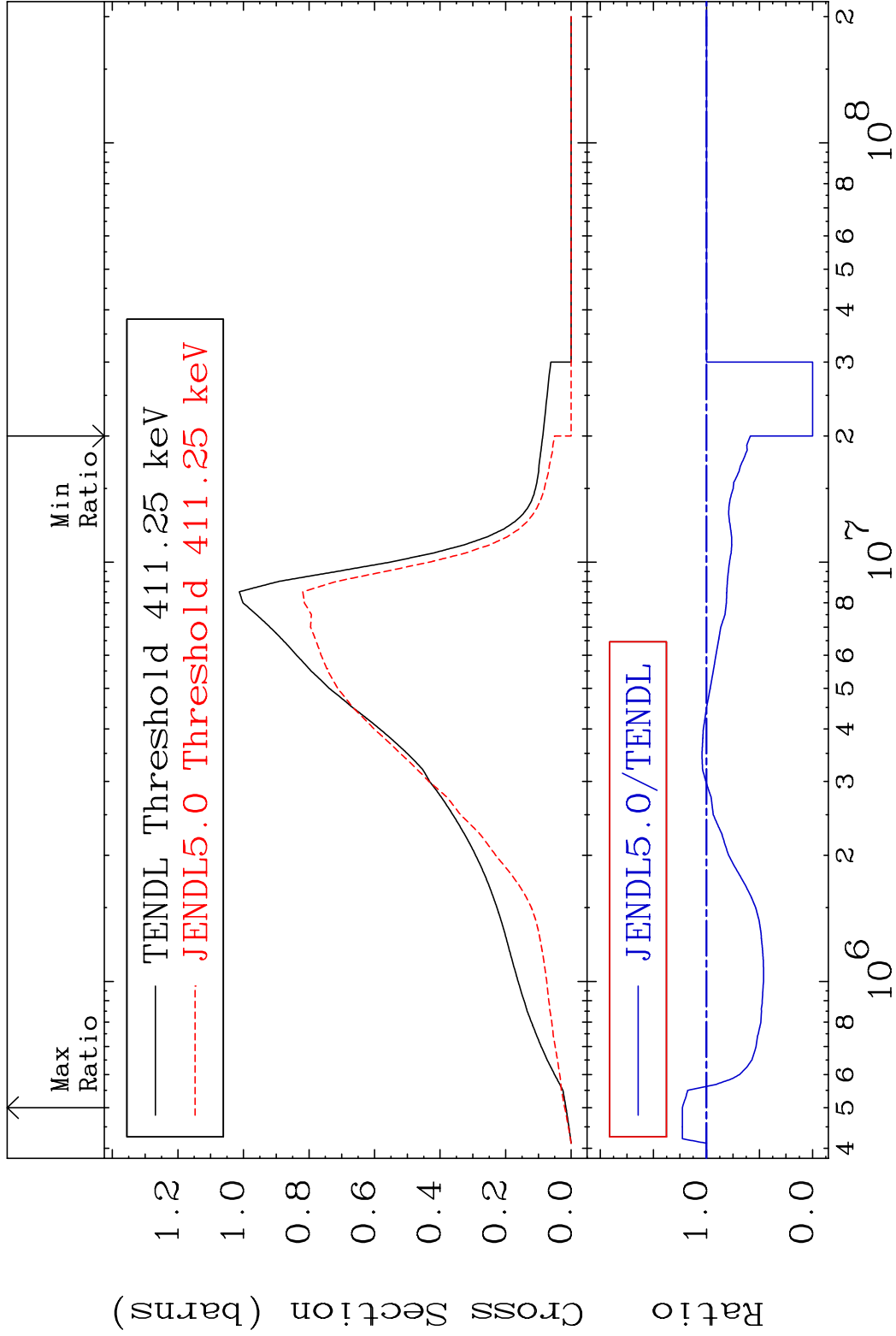


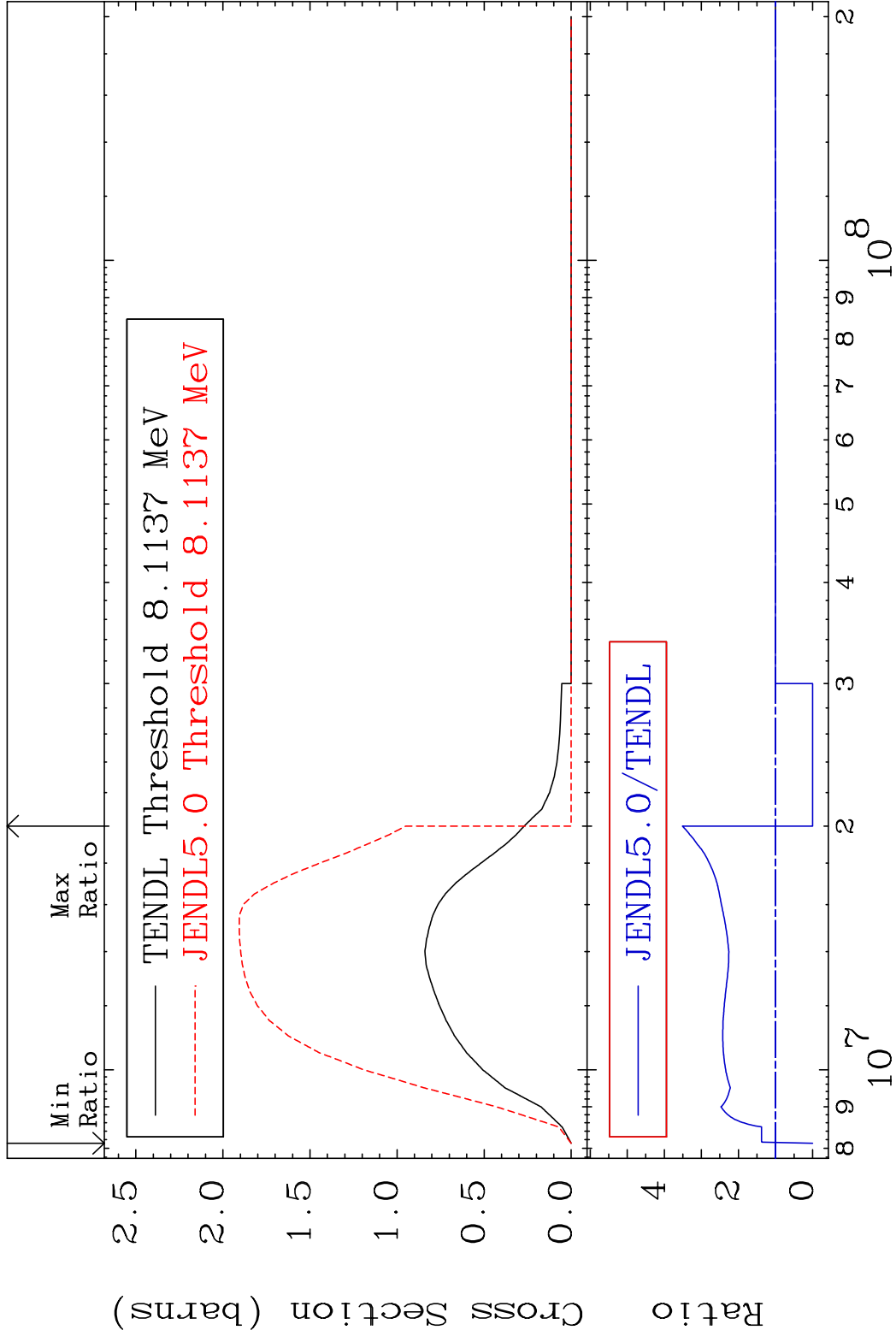


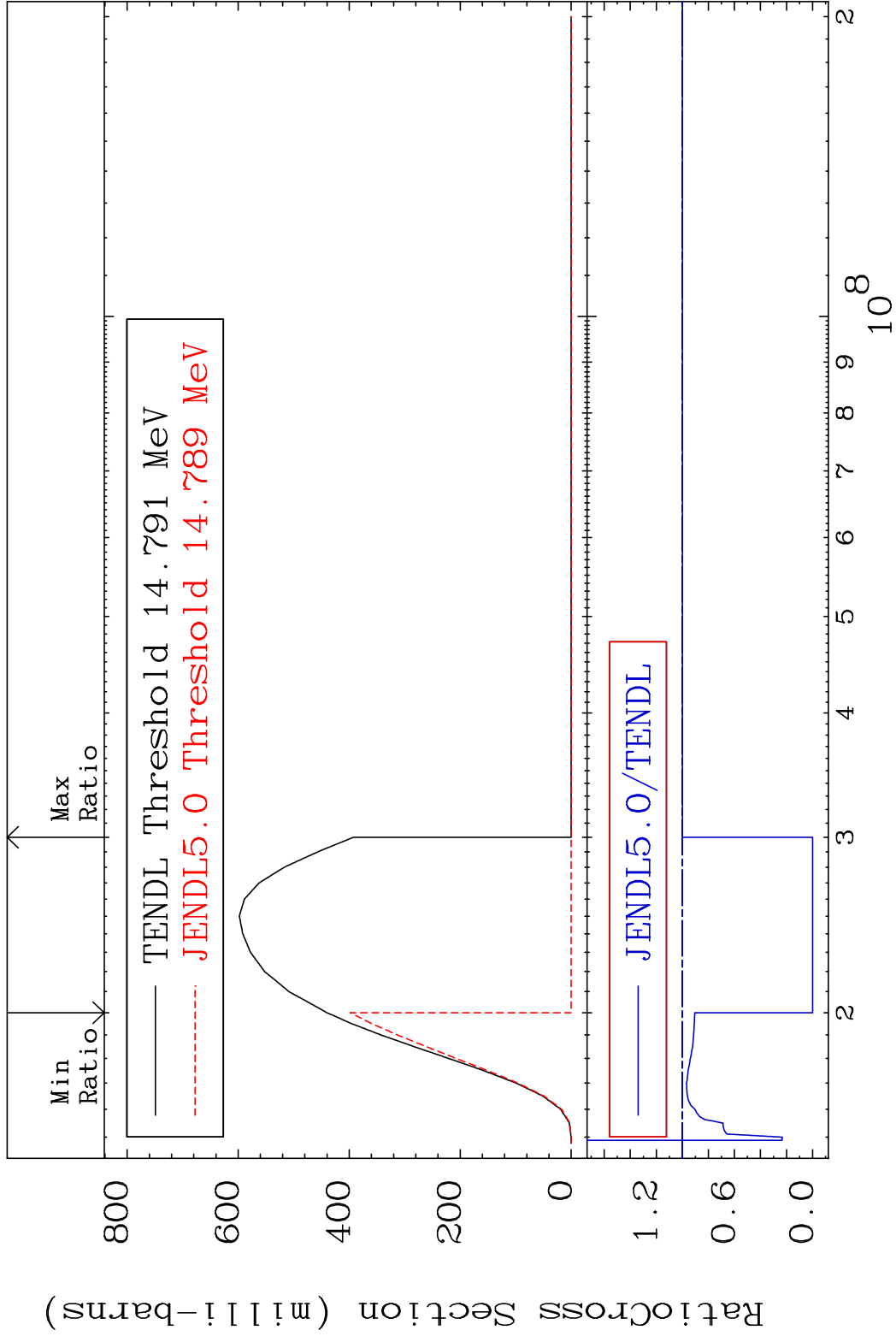
MAT 7925 Dpa disappearance (mt102 -120) 79-Au-197
Cross Section -100.0 To 9999. %

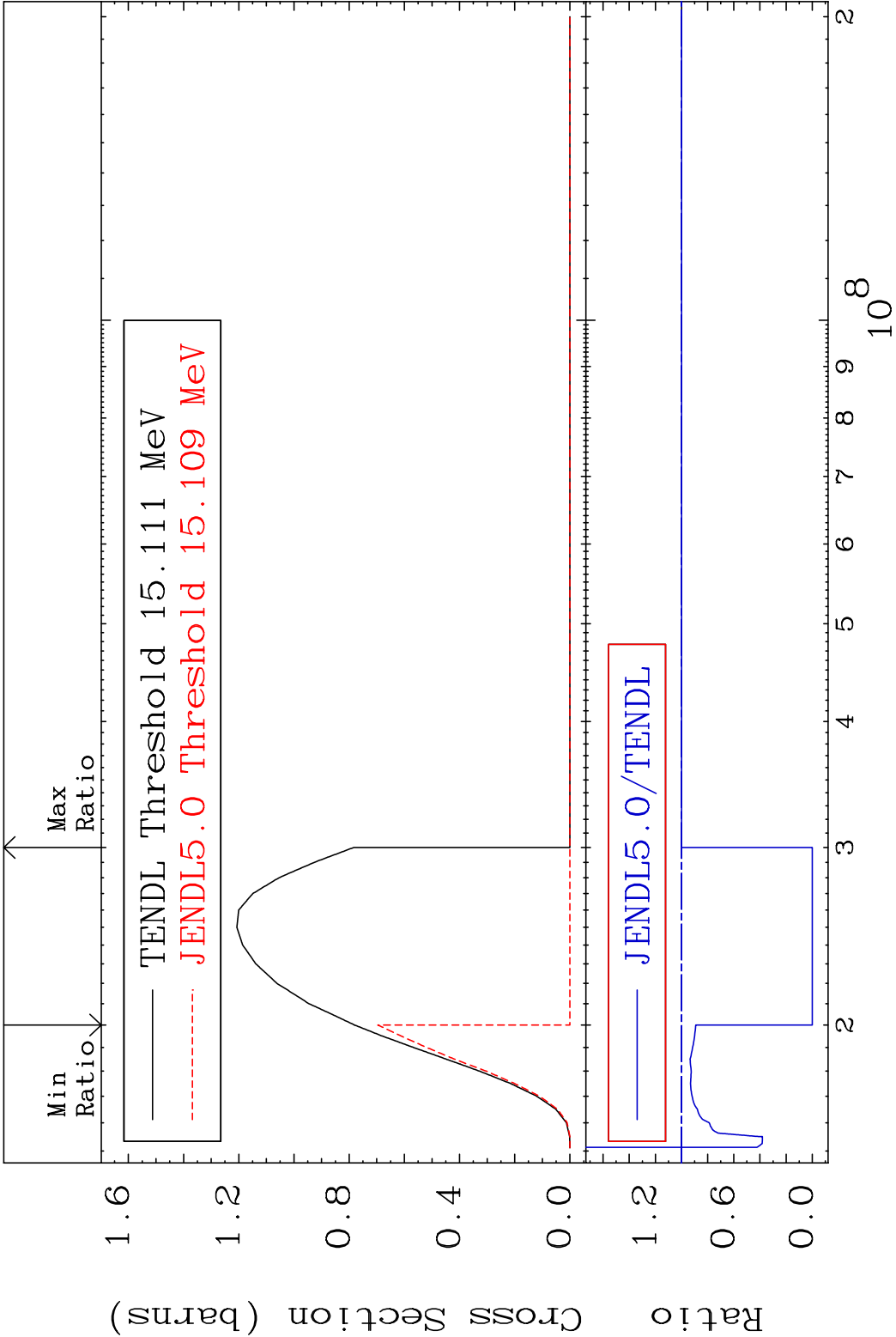


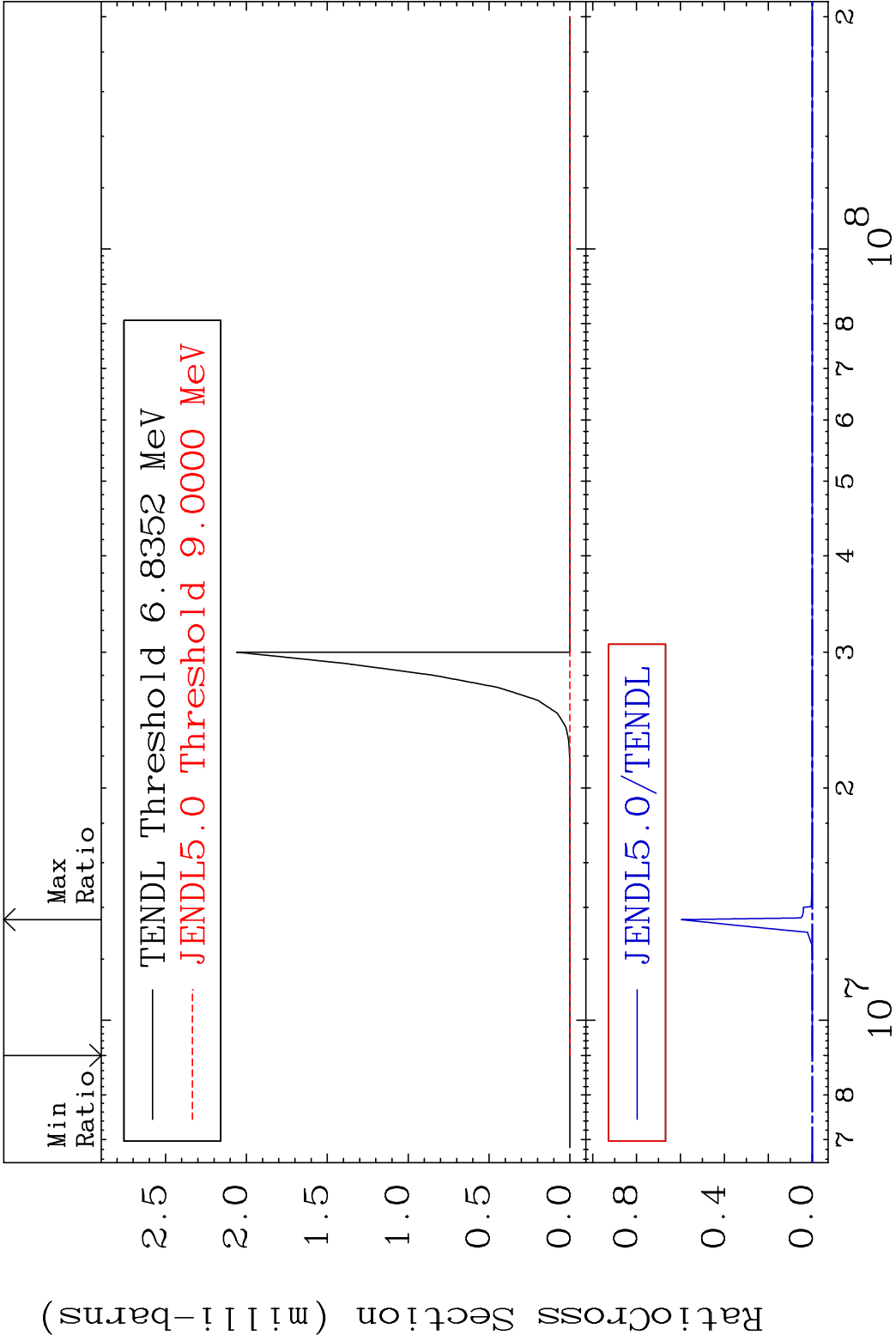
55 Incident Energy (eV) 79-Au-197

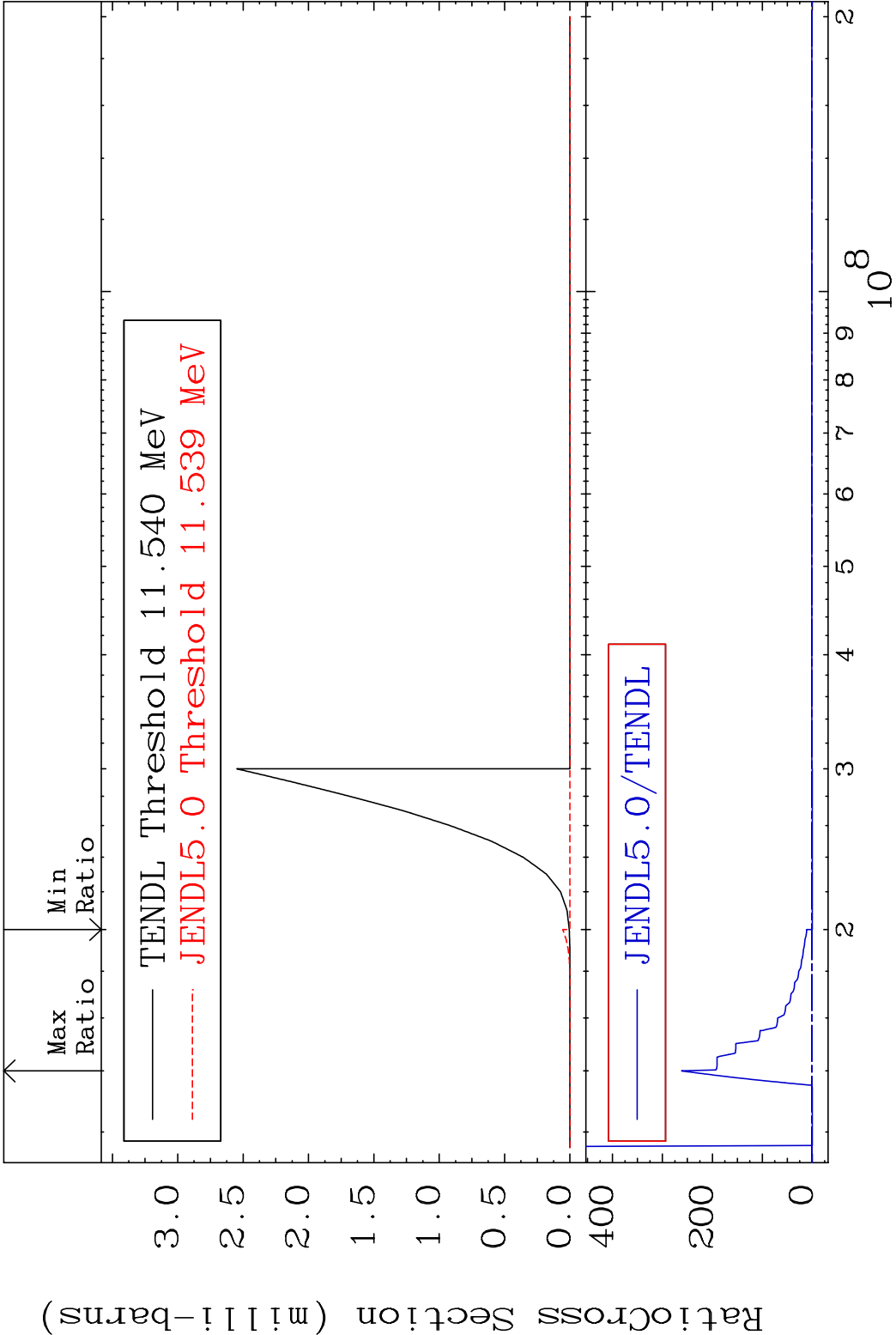


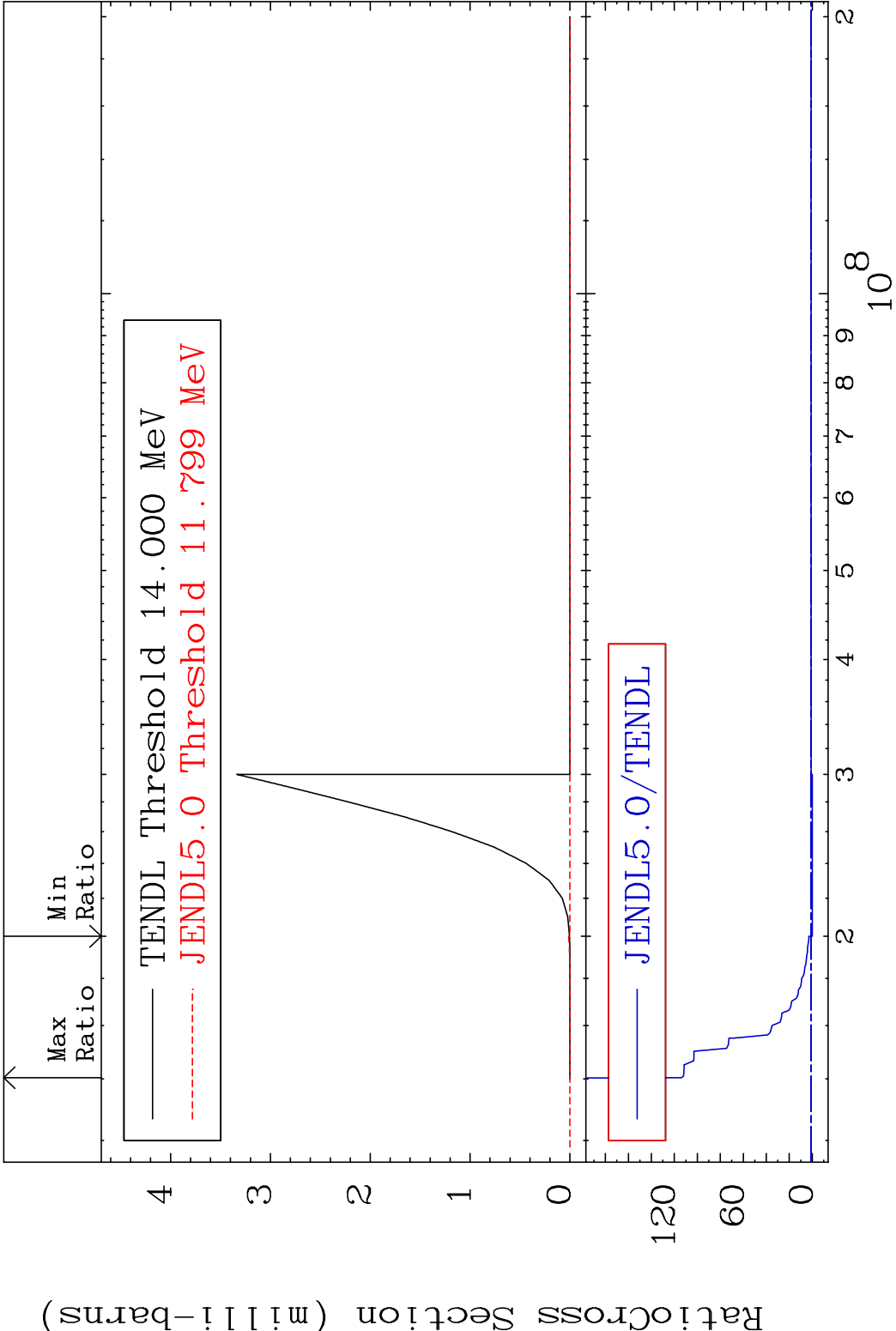


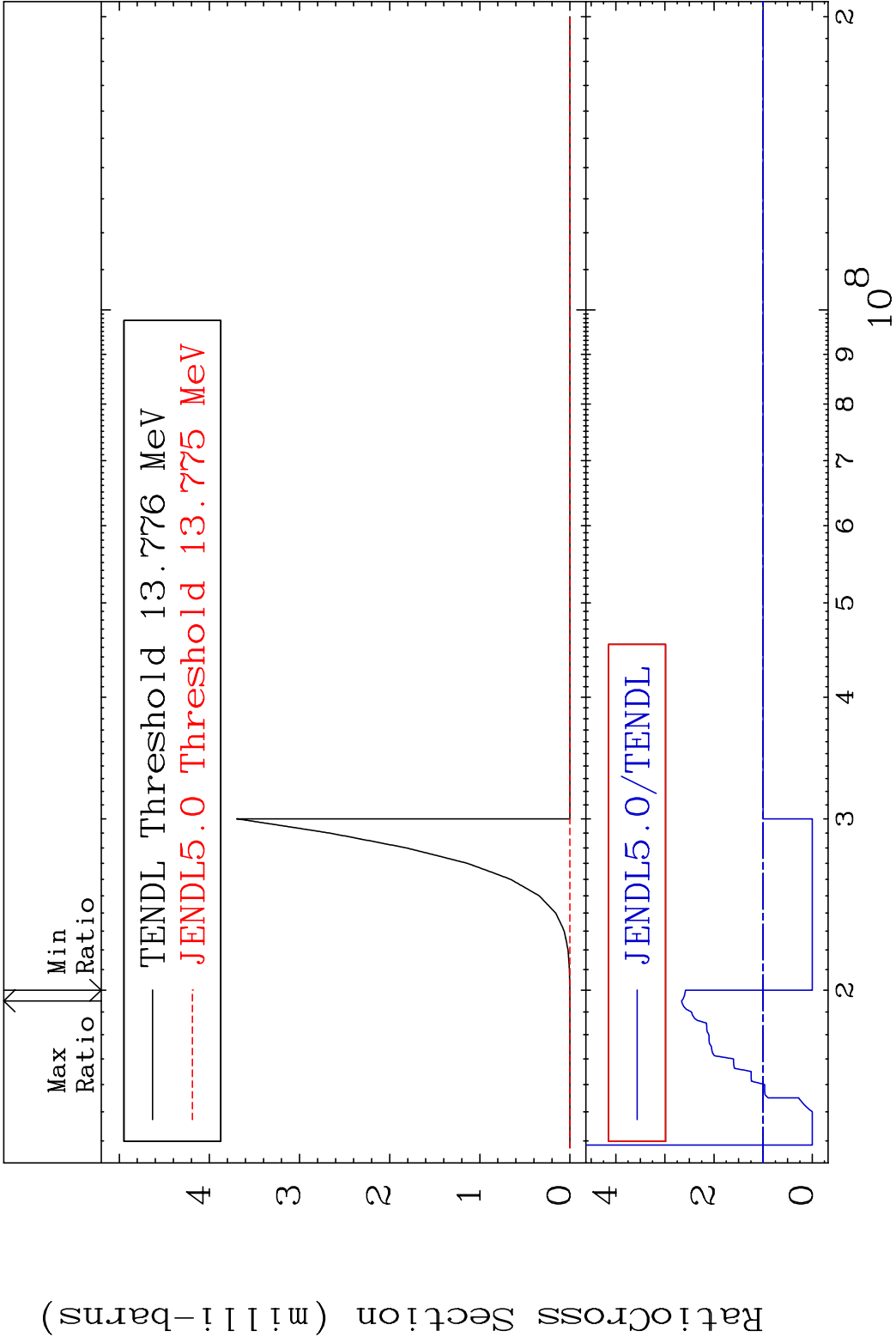












Radionuclide Production Cross Section (mb) 0.000 %

