

Program Complot
(Version 2021-1)

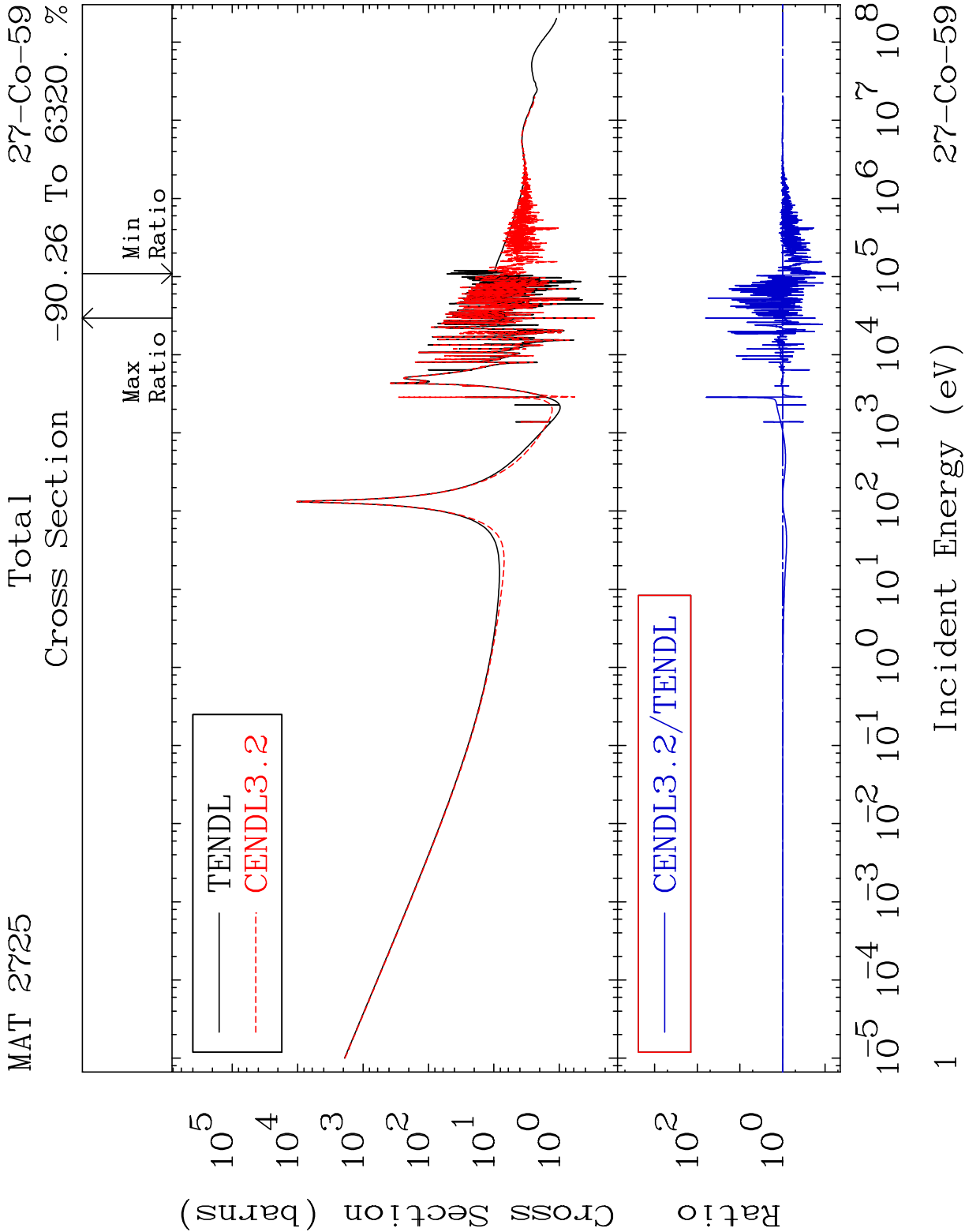
by

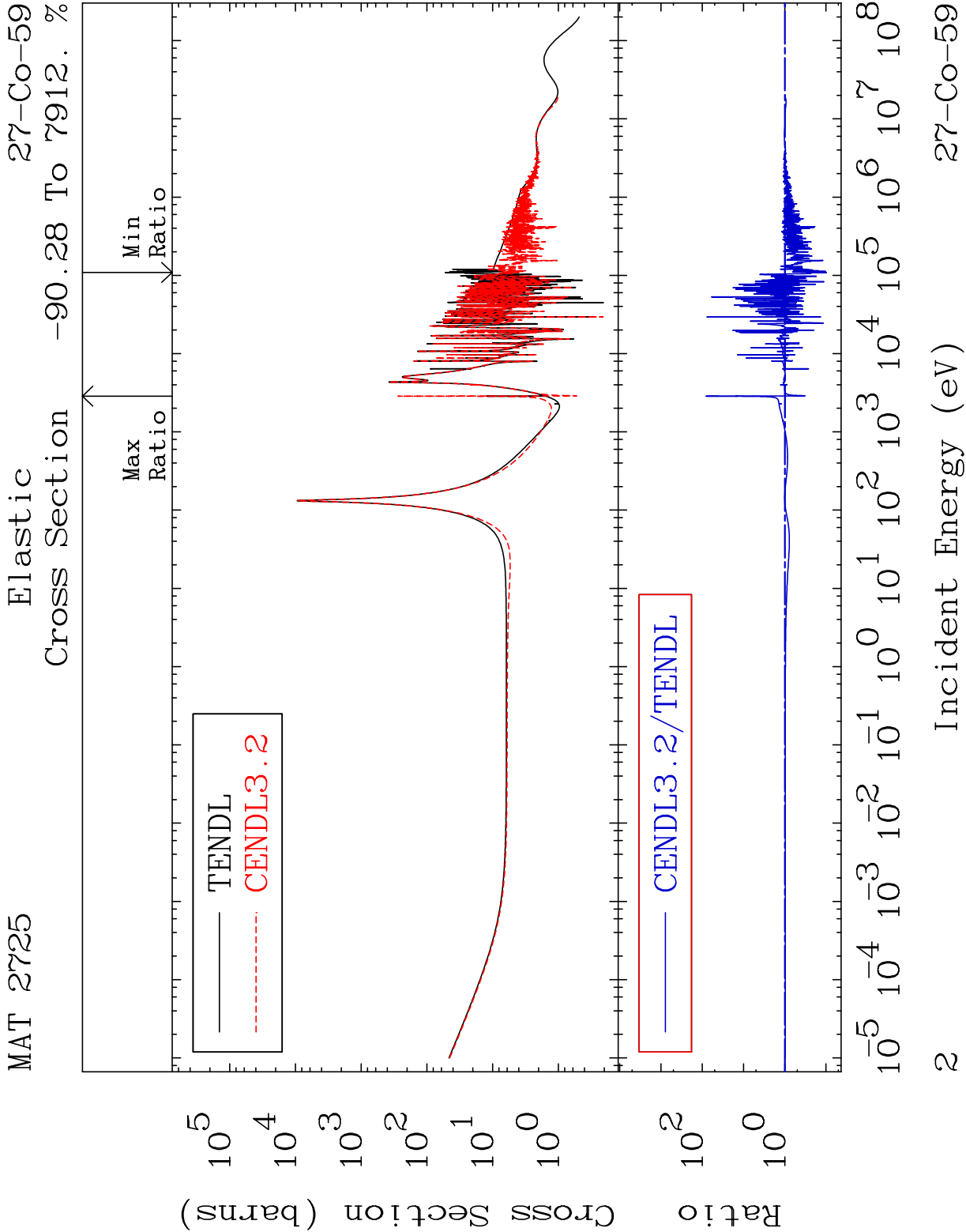
Dermott E. Cullen
(Present Contact Information)

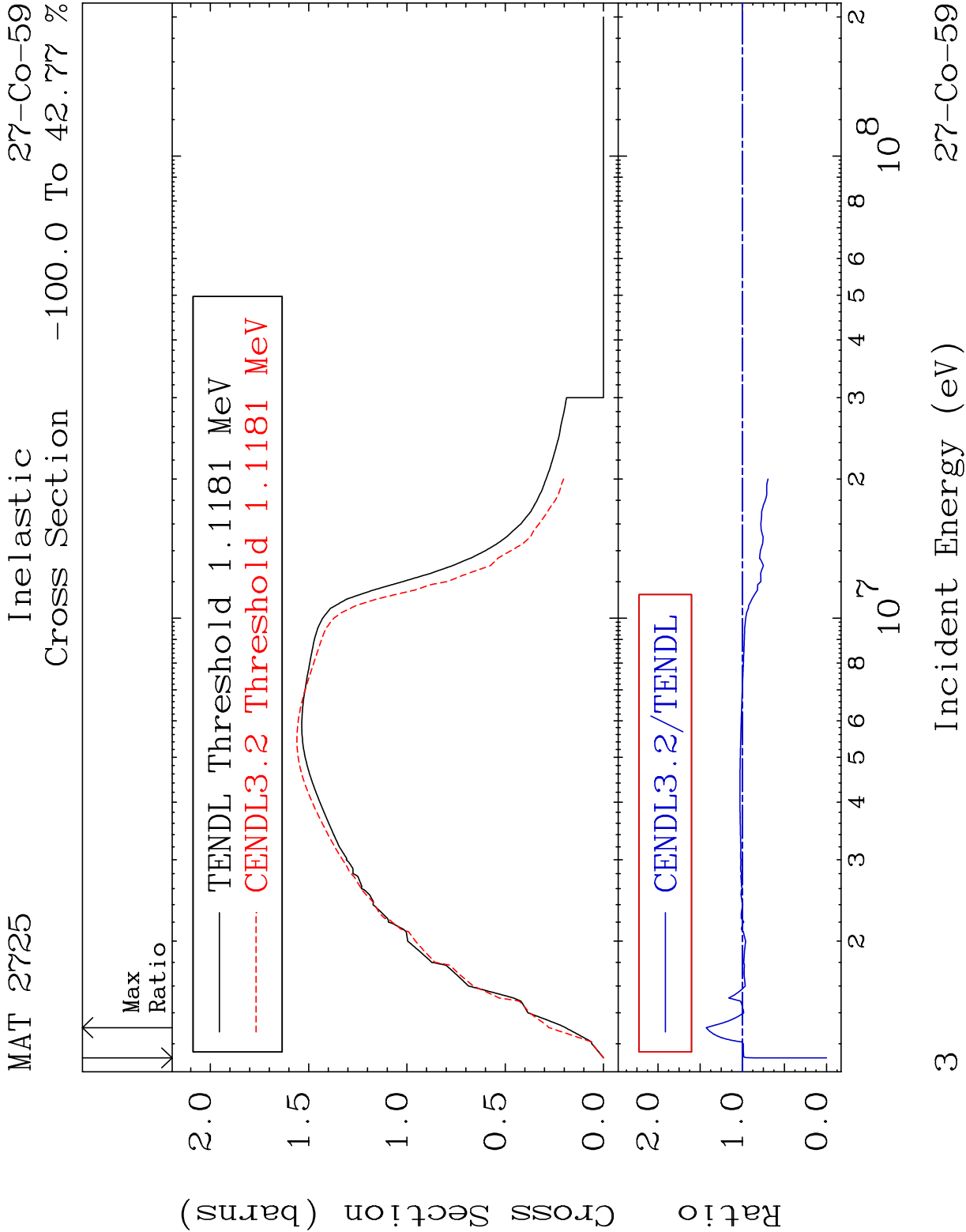
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

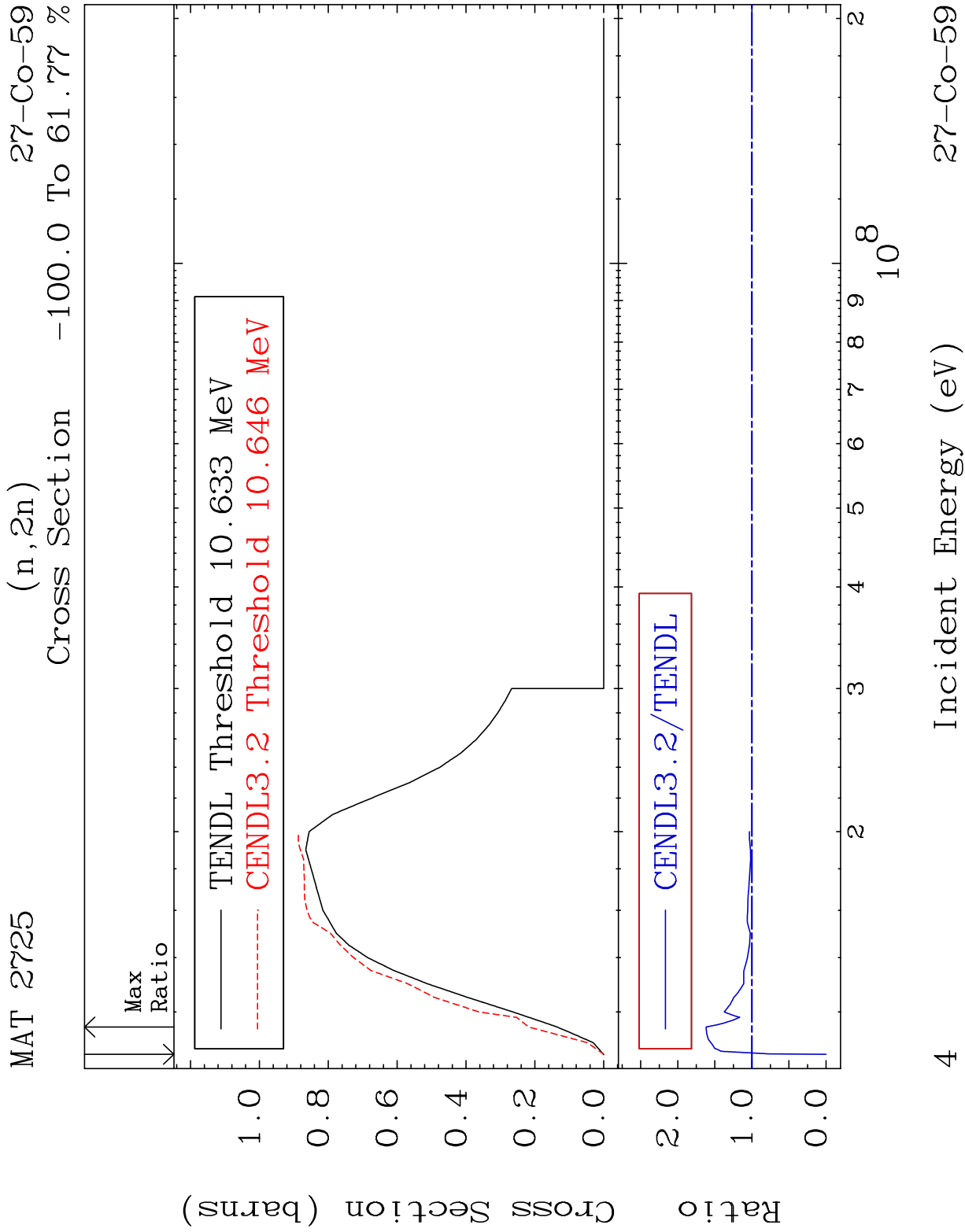
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

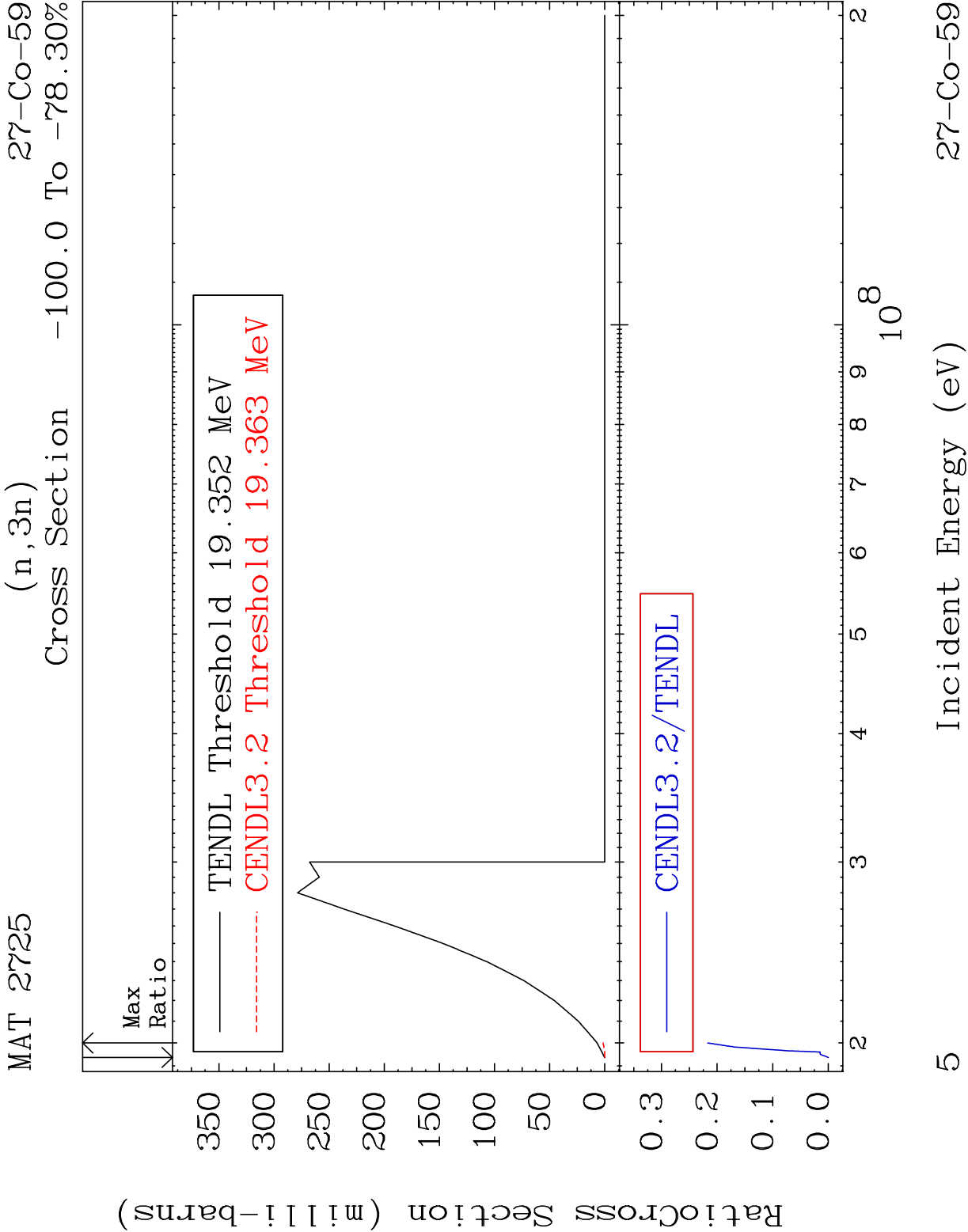
Press Mouse Button to Start

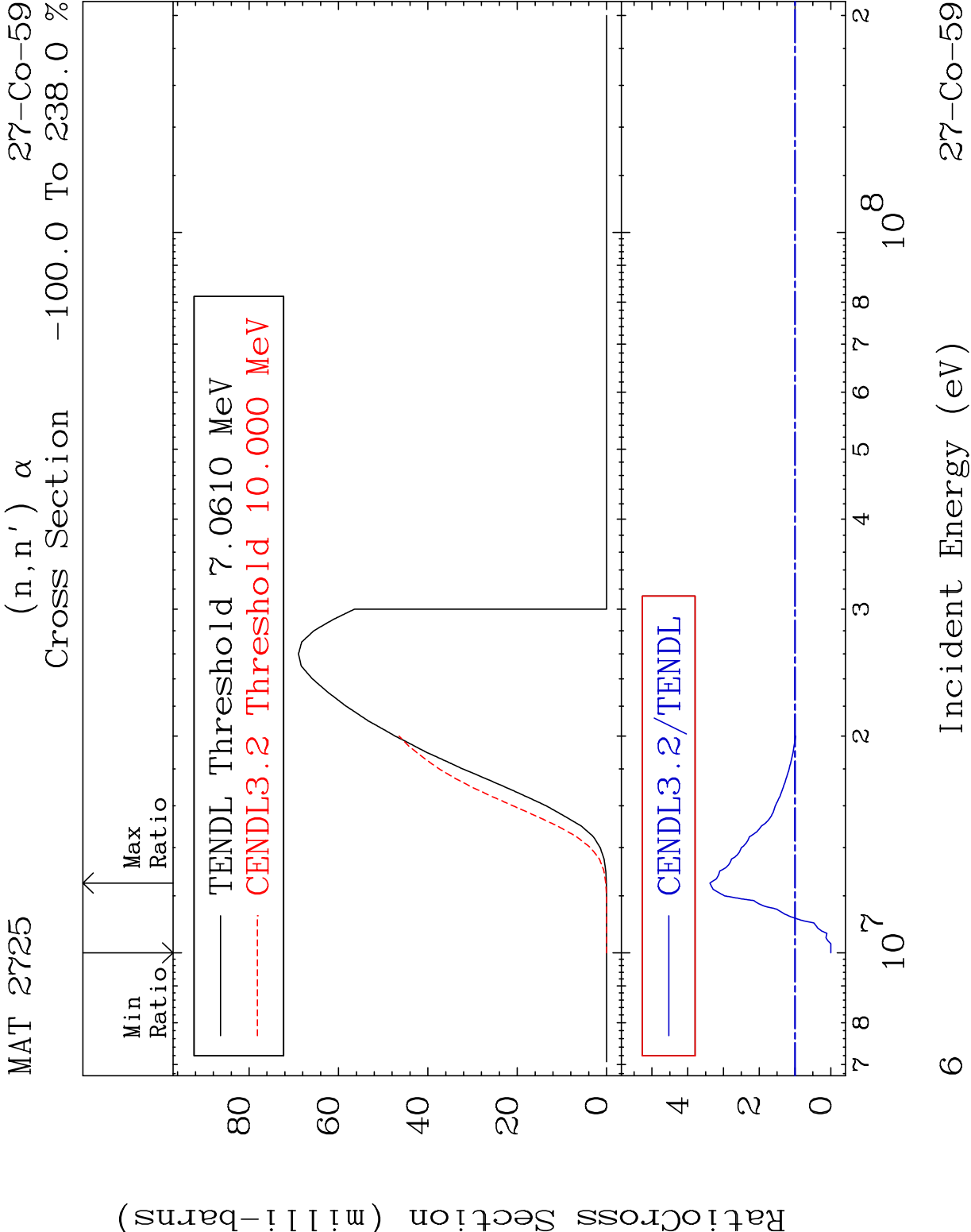


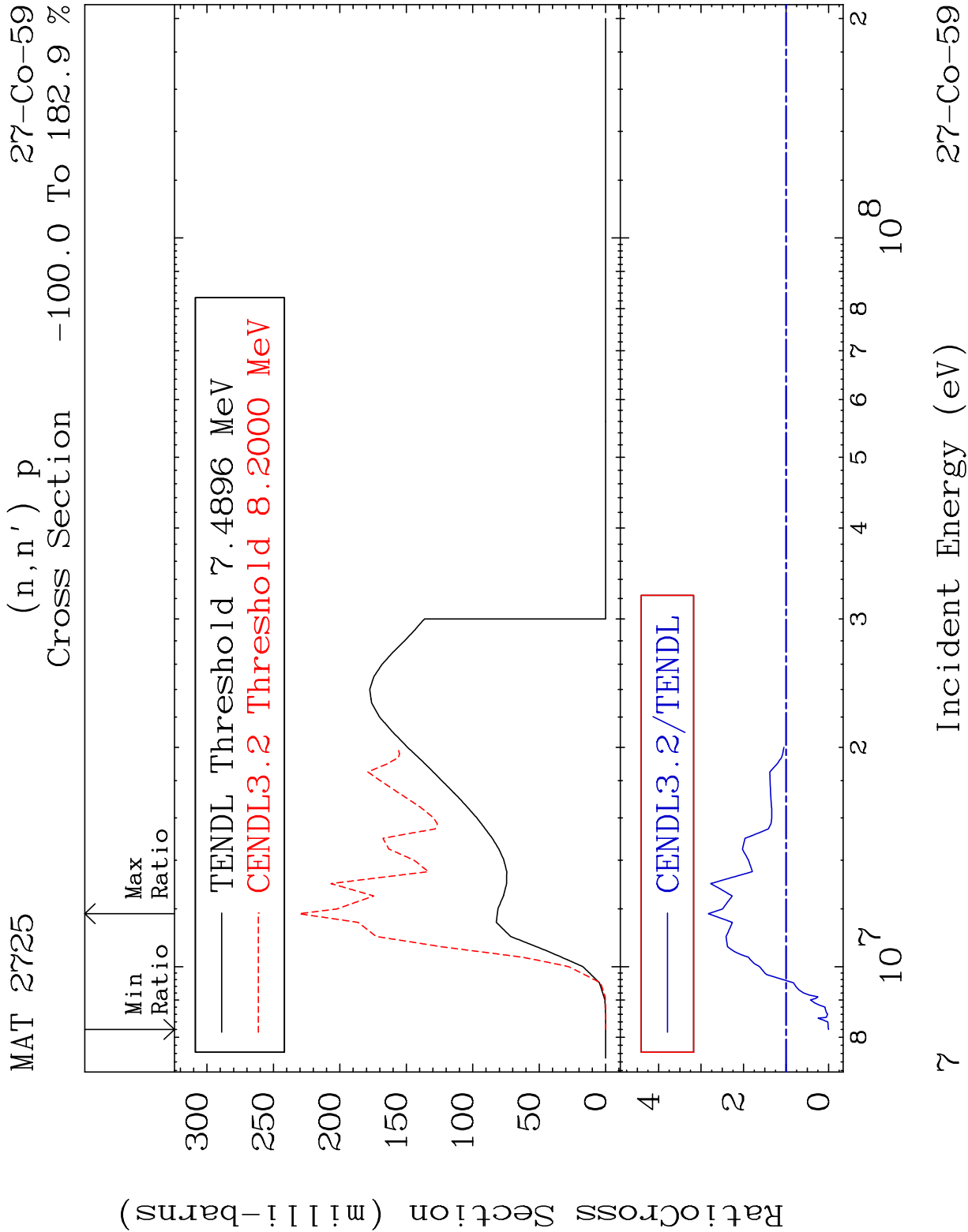


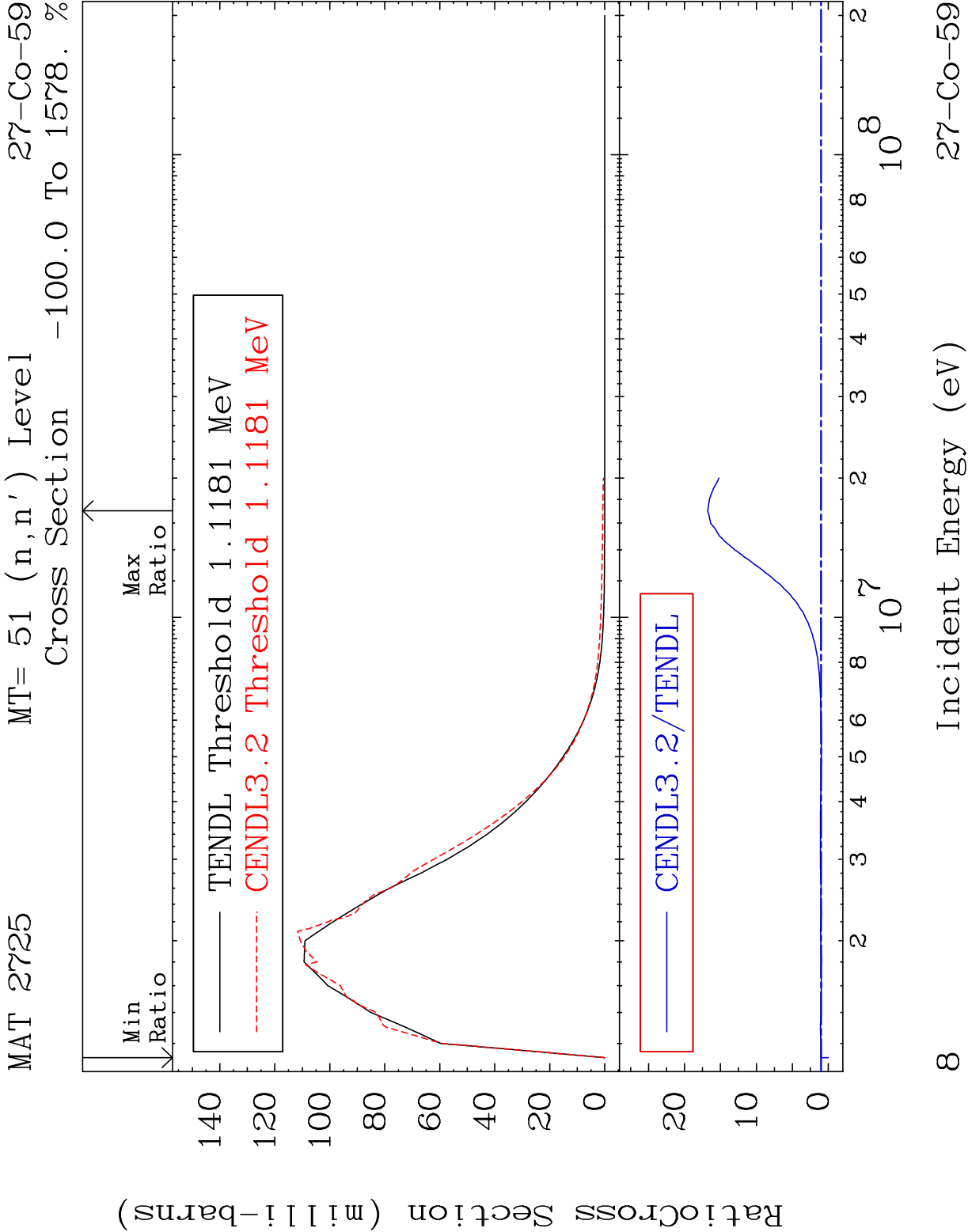


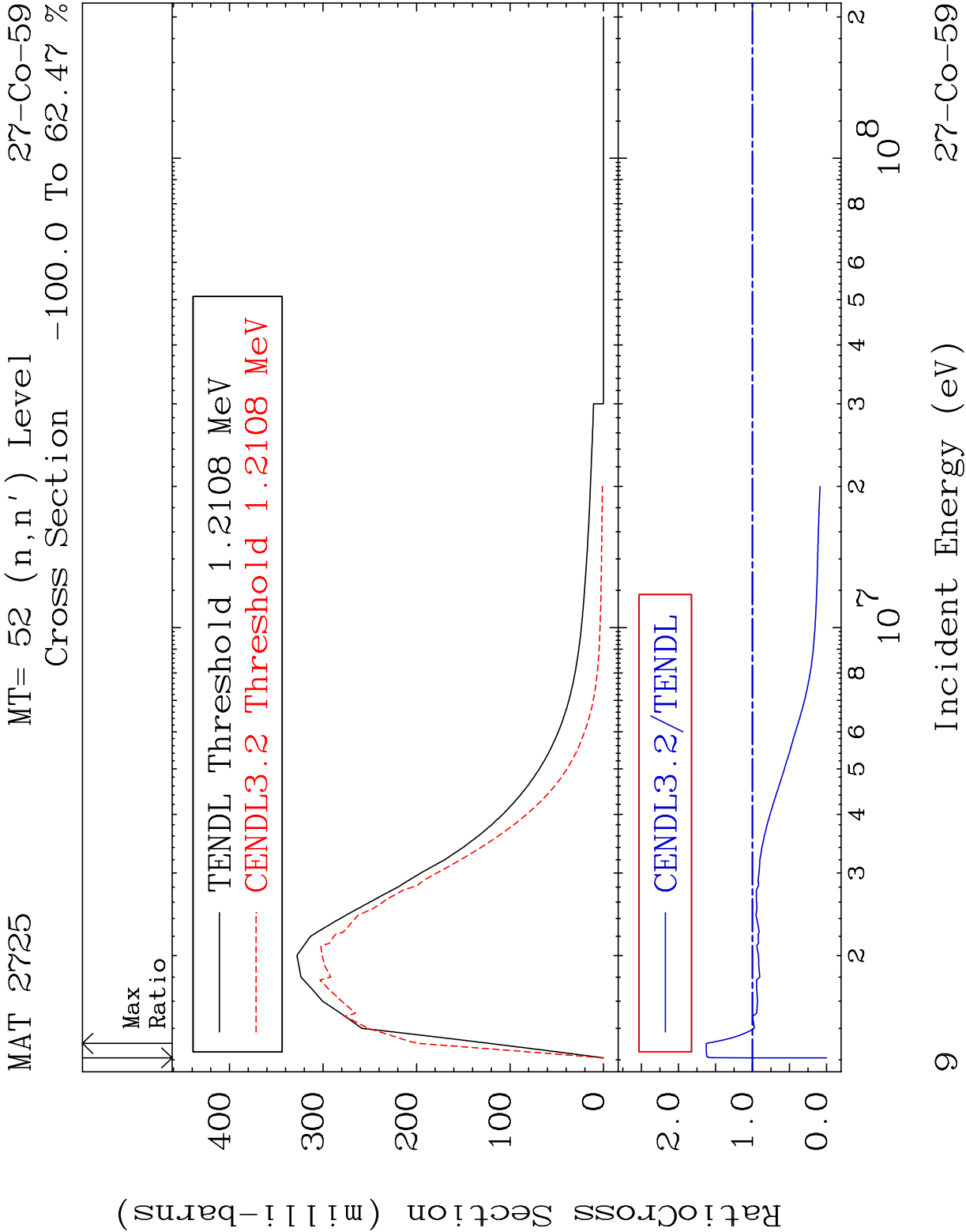


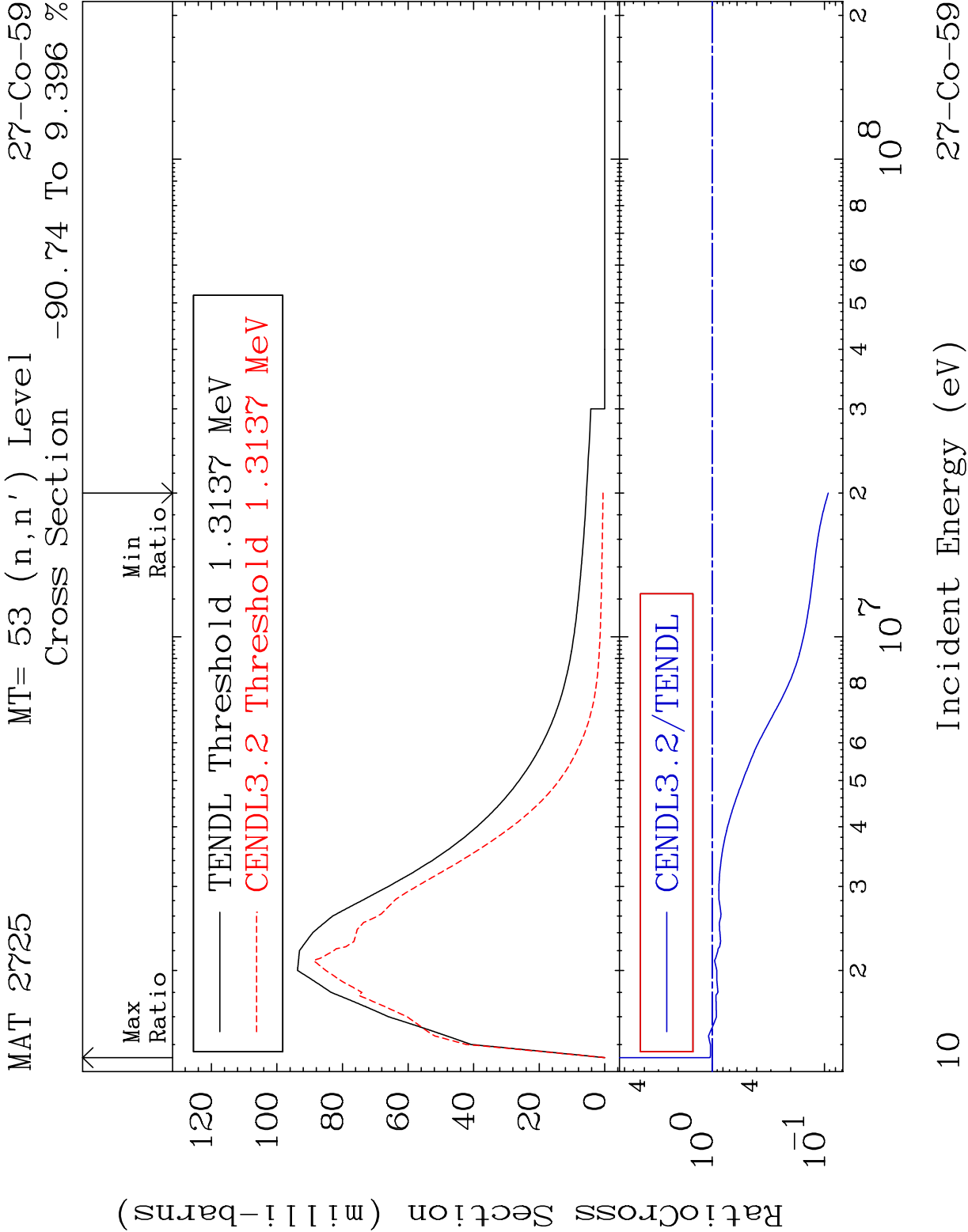












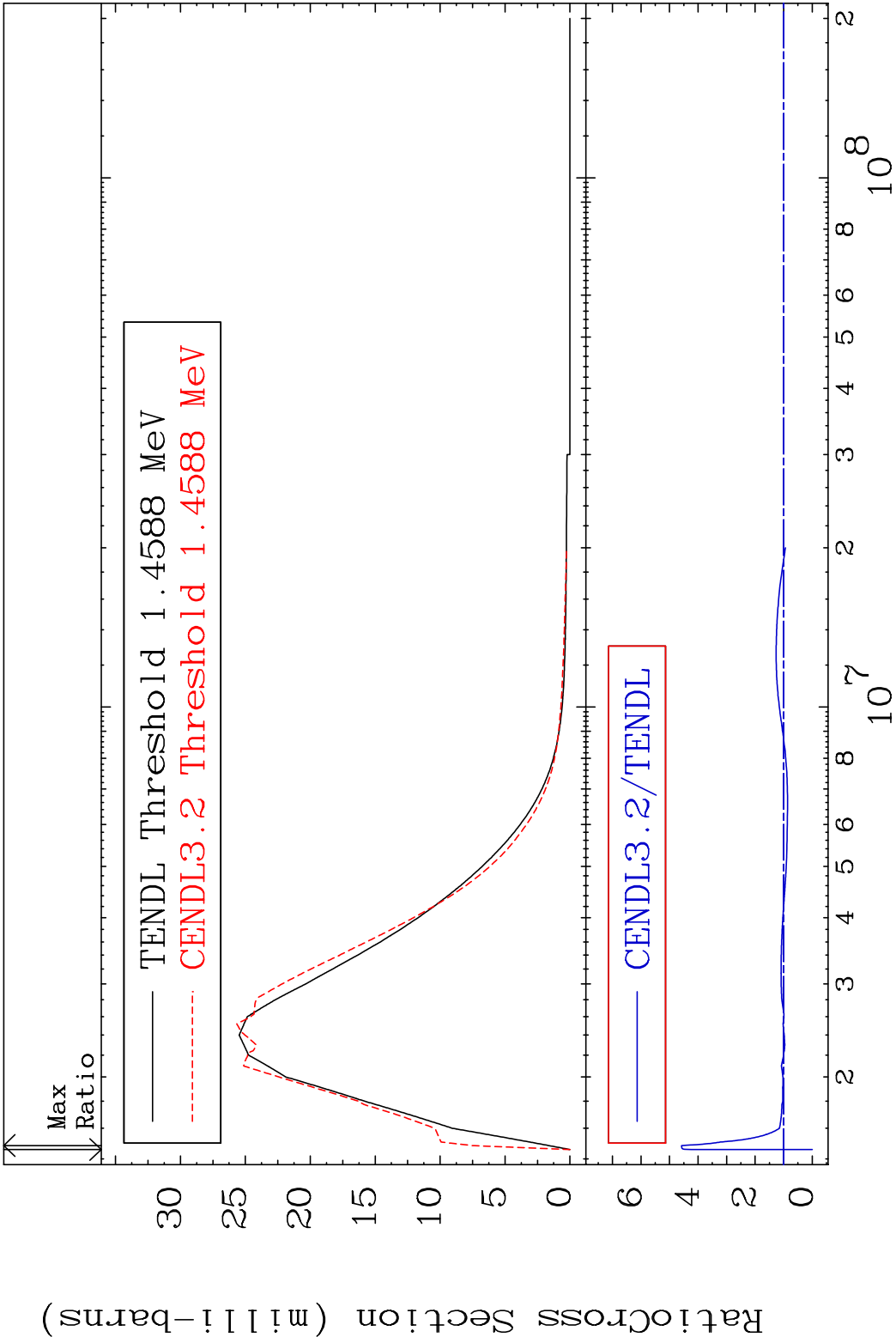
MAT 2725

MT= 54 (n,n') Level

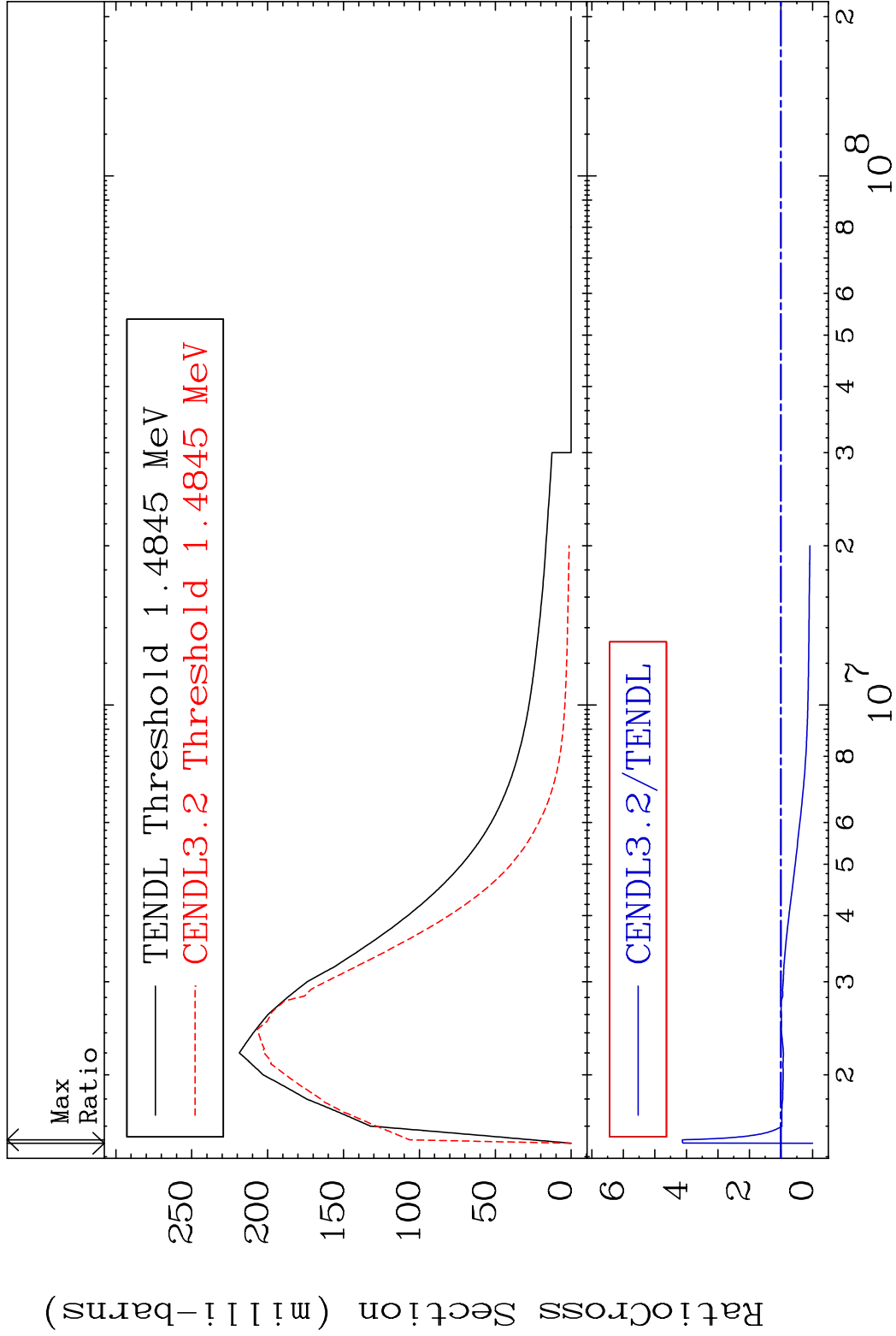
27-Co-59

Cross Section

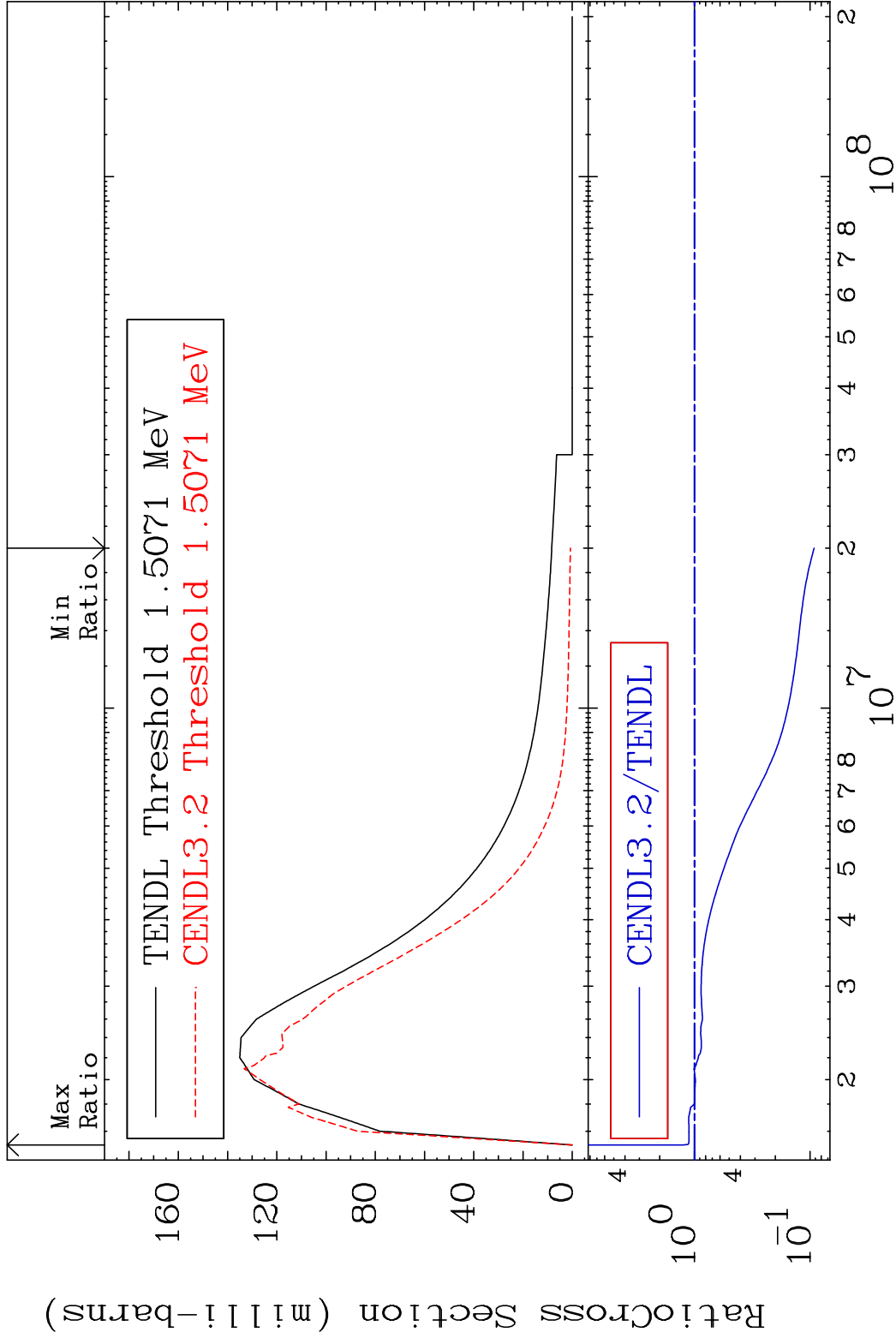
-100.0 To 357.9 %



MAT 2725 MT= 55 (n,n') Level 27-Co-59
Cross Section -100.0 To 312.8 %



MAT 2725 MT= 56 (n,n') Level 27-Co-59
Cross Section -90.78 To 24.02 %



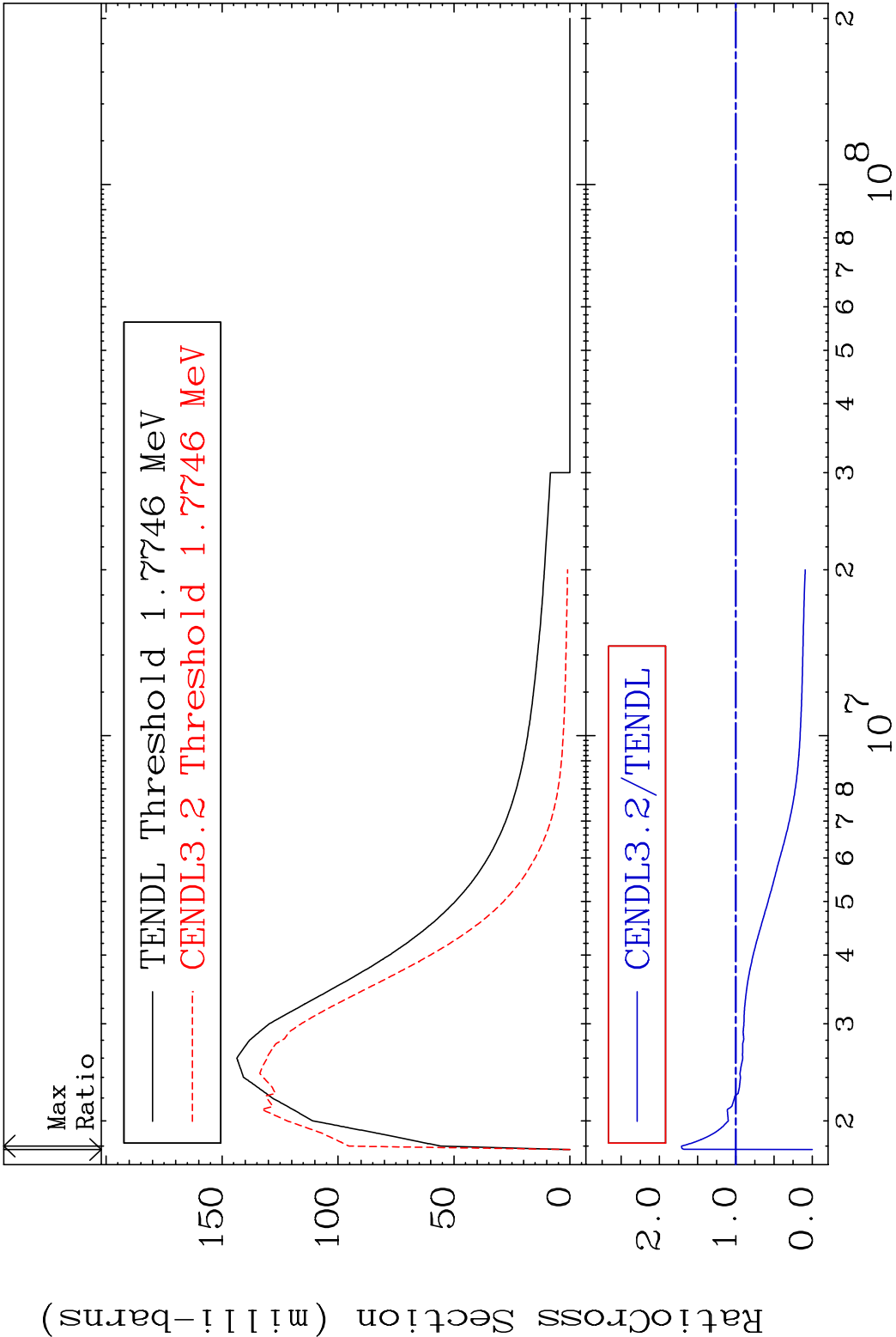
MAT 2725

MT= 57 (n,n') Level

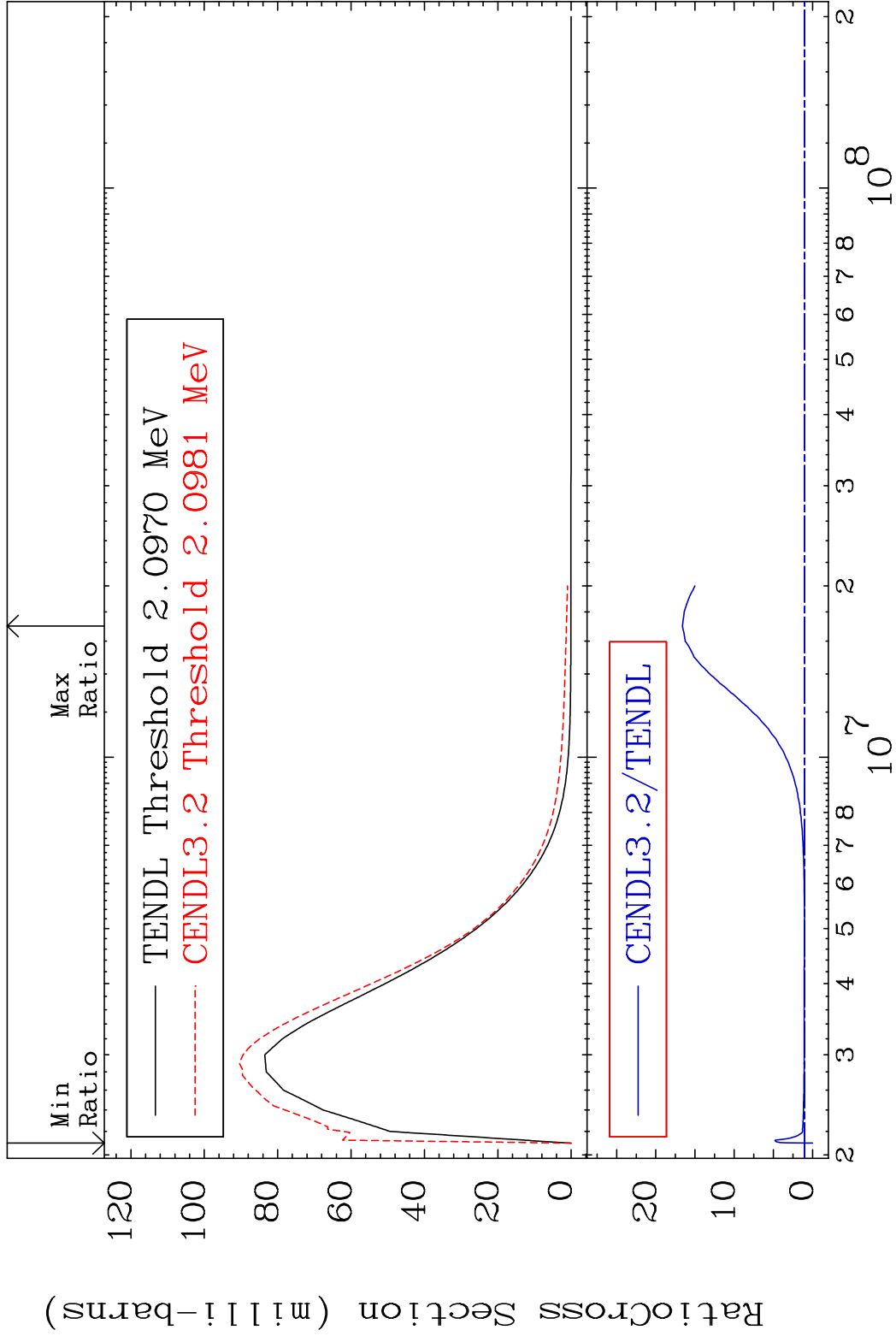
27-Co-59

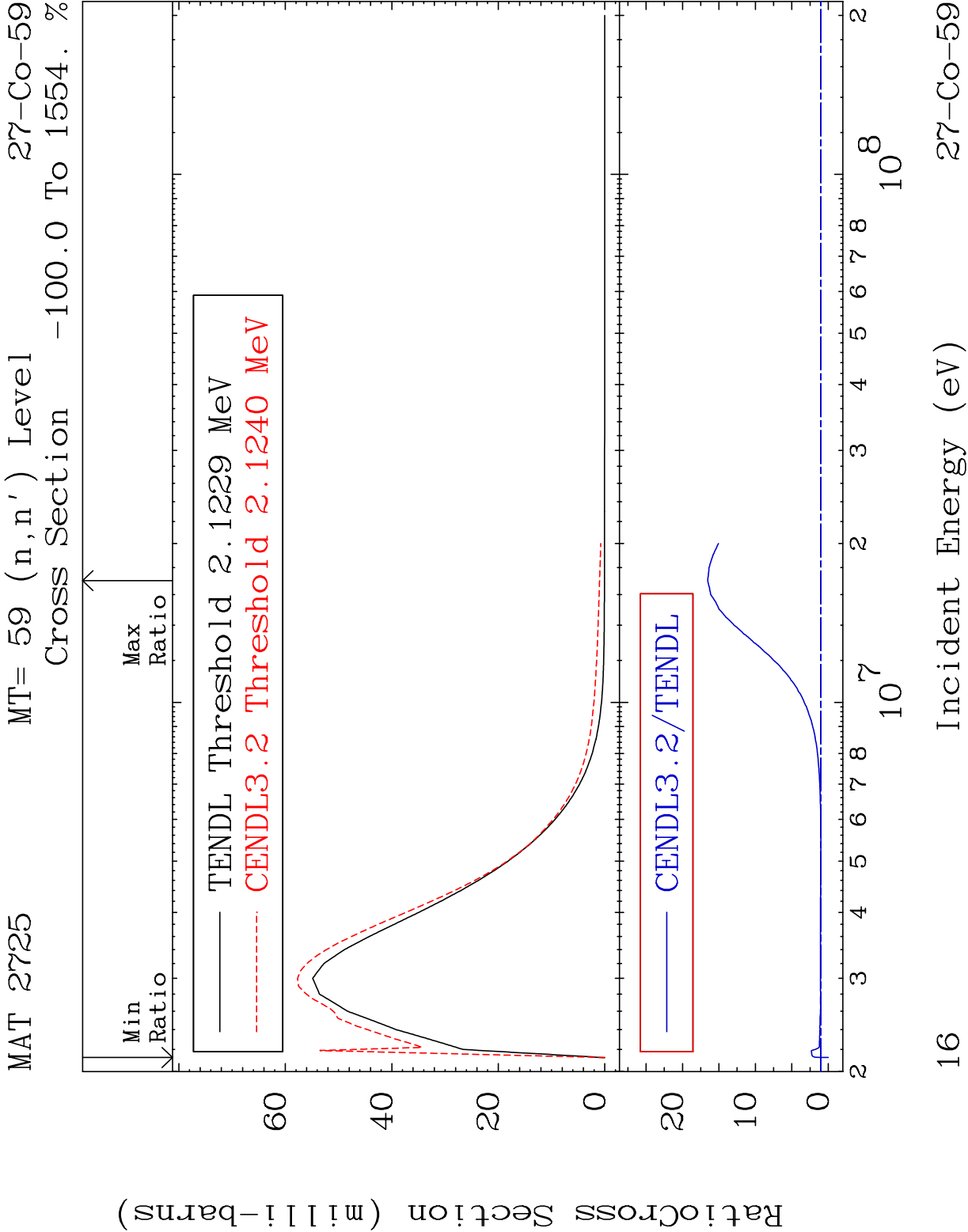
Cross Section

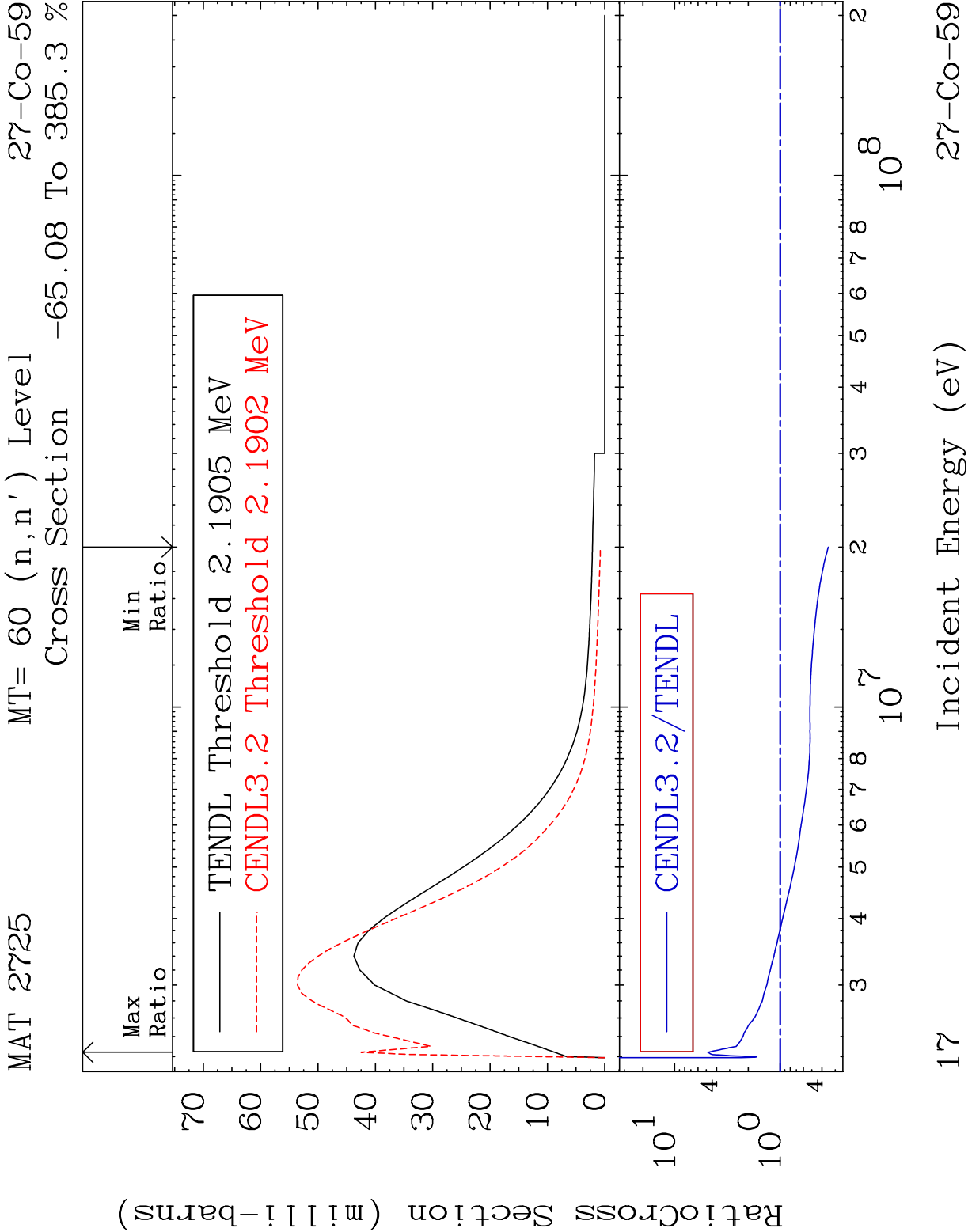
-100.0 To 71.02 %

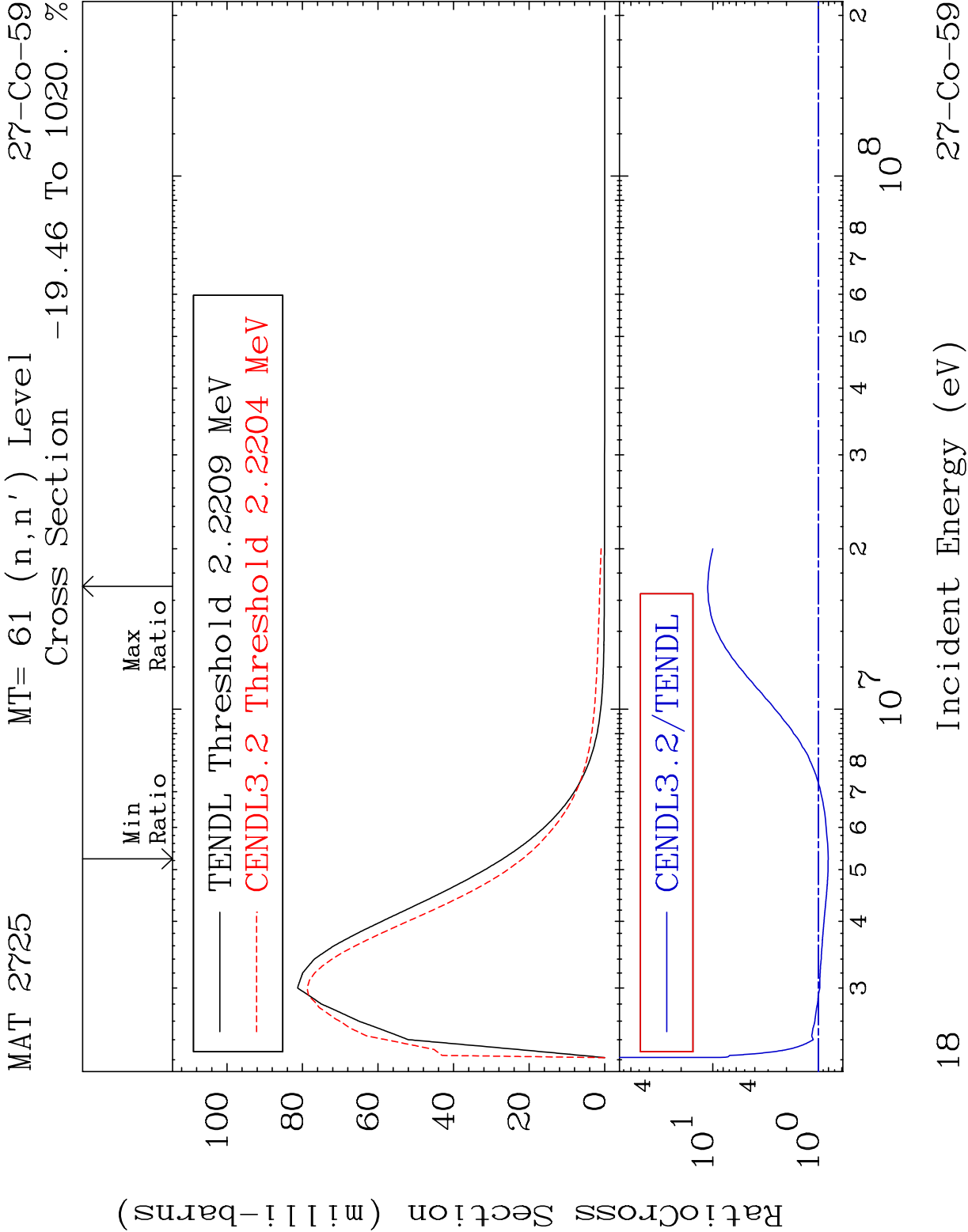


MAT 2725 MT= 58 (n,n') Level 27-Co-59
Cross Section -100.0 To 1561. %

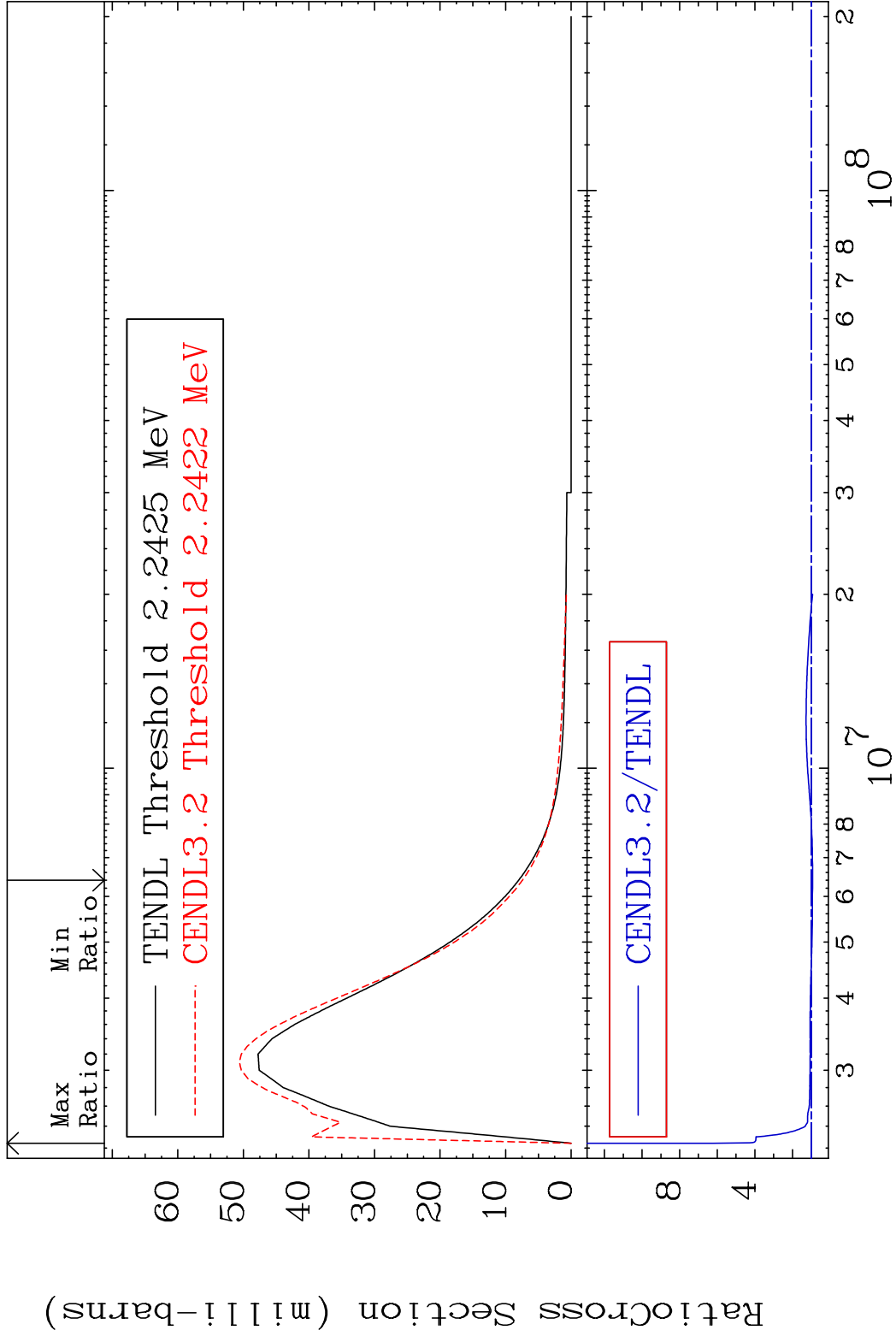








MAT 2725 MT= 62 (n,n') Level 27-Co-59
Cross Section -7.085 To 685.6 %

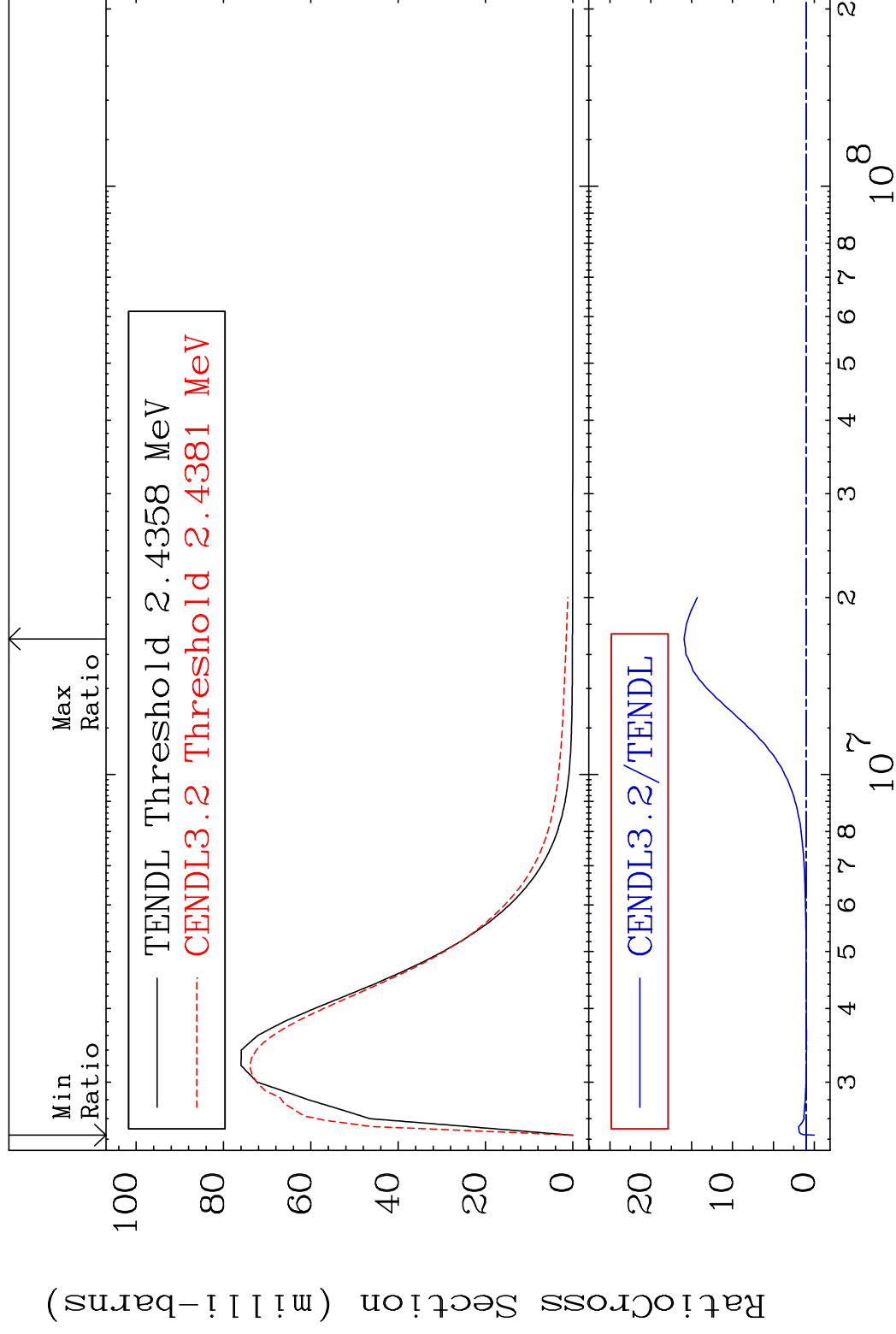


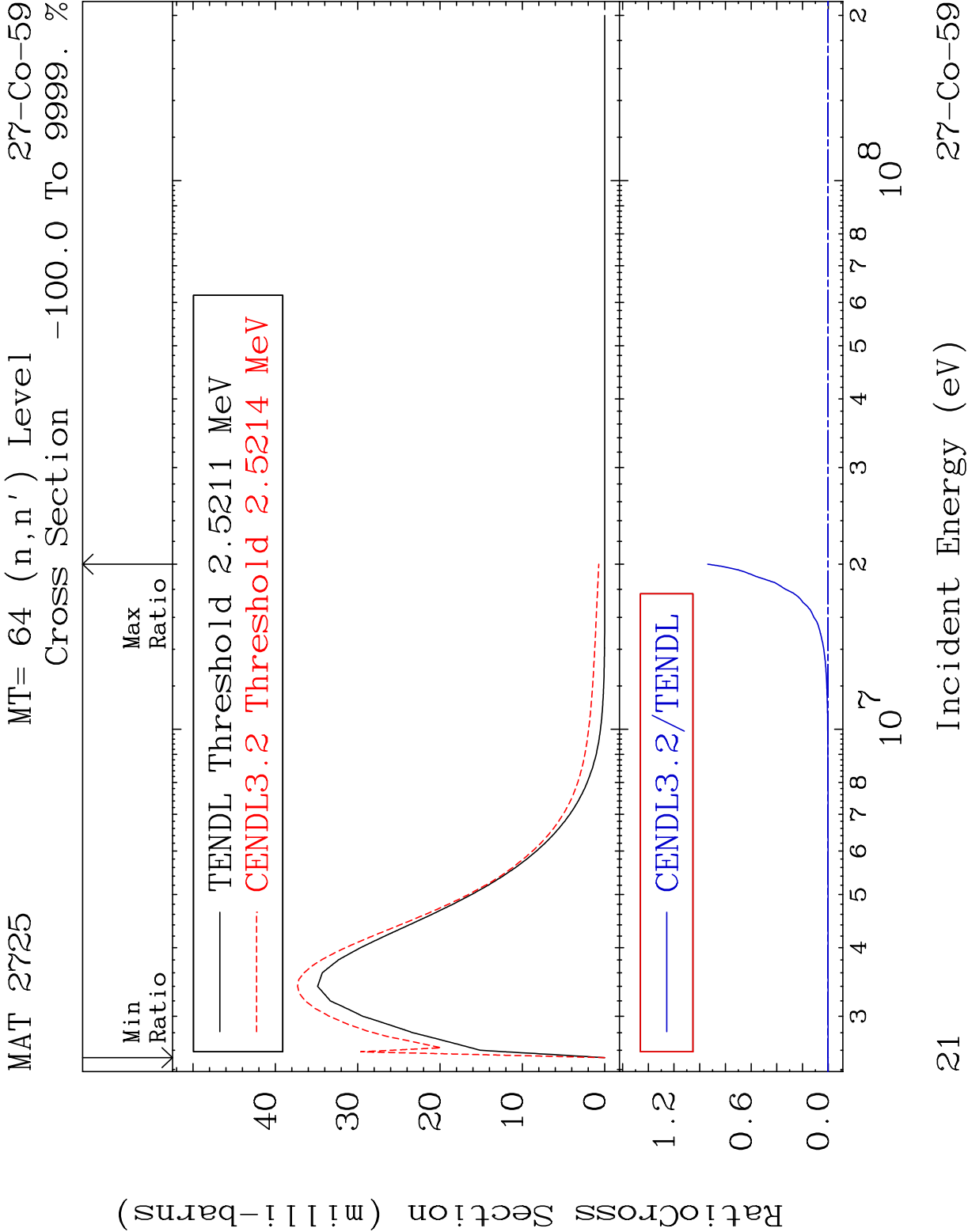
MAT 2725

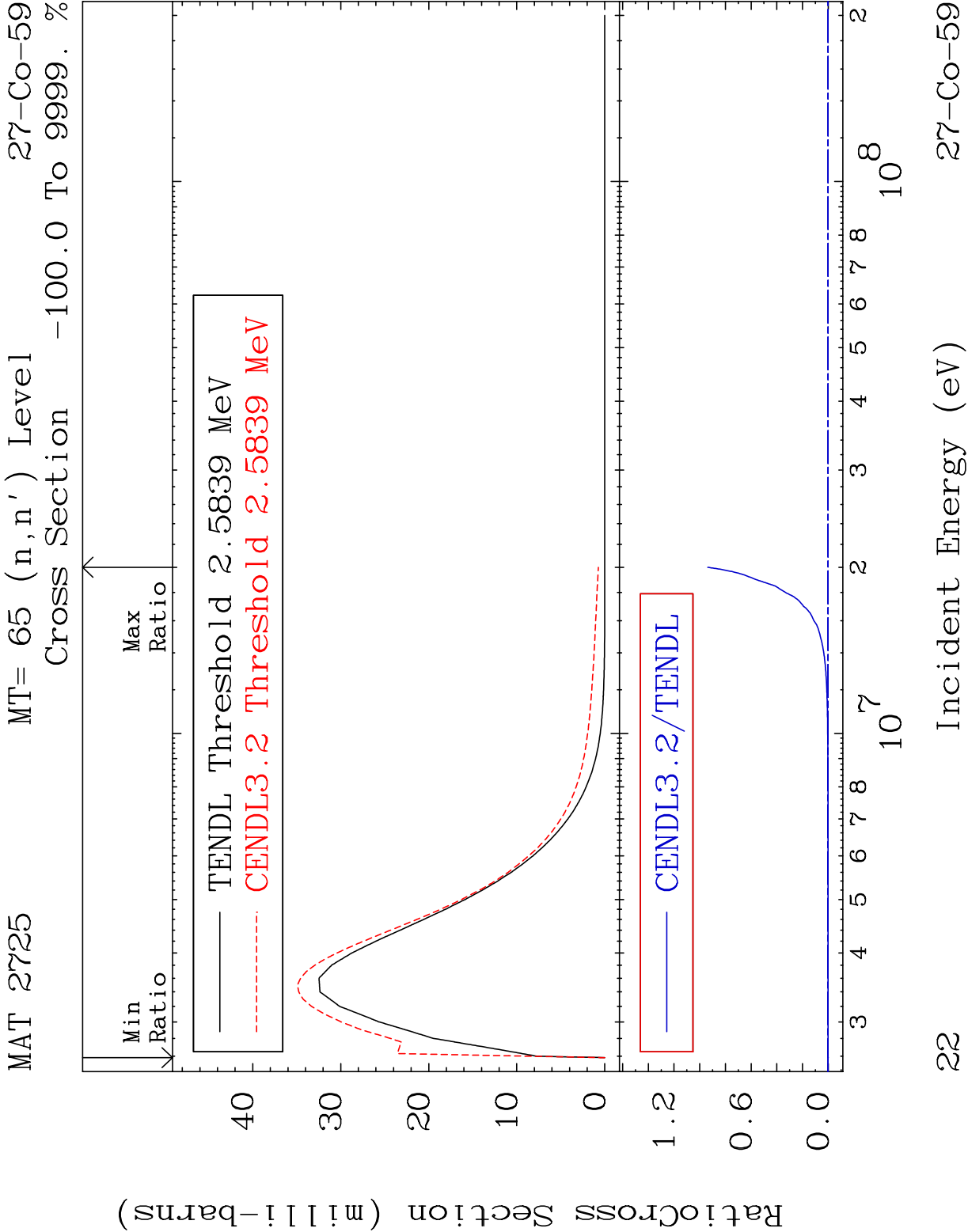
MT= 63 (n, n') Level

27-Co-59

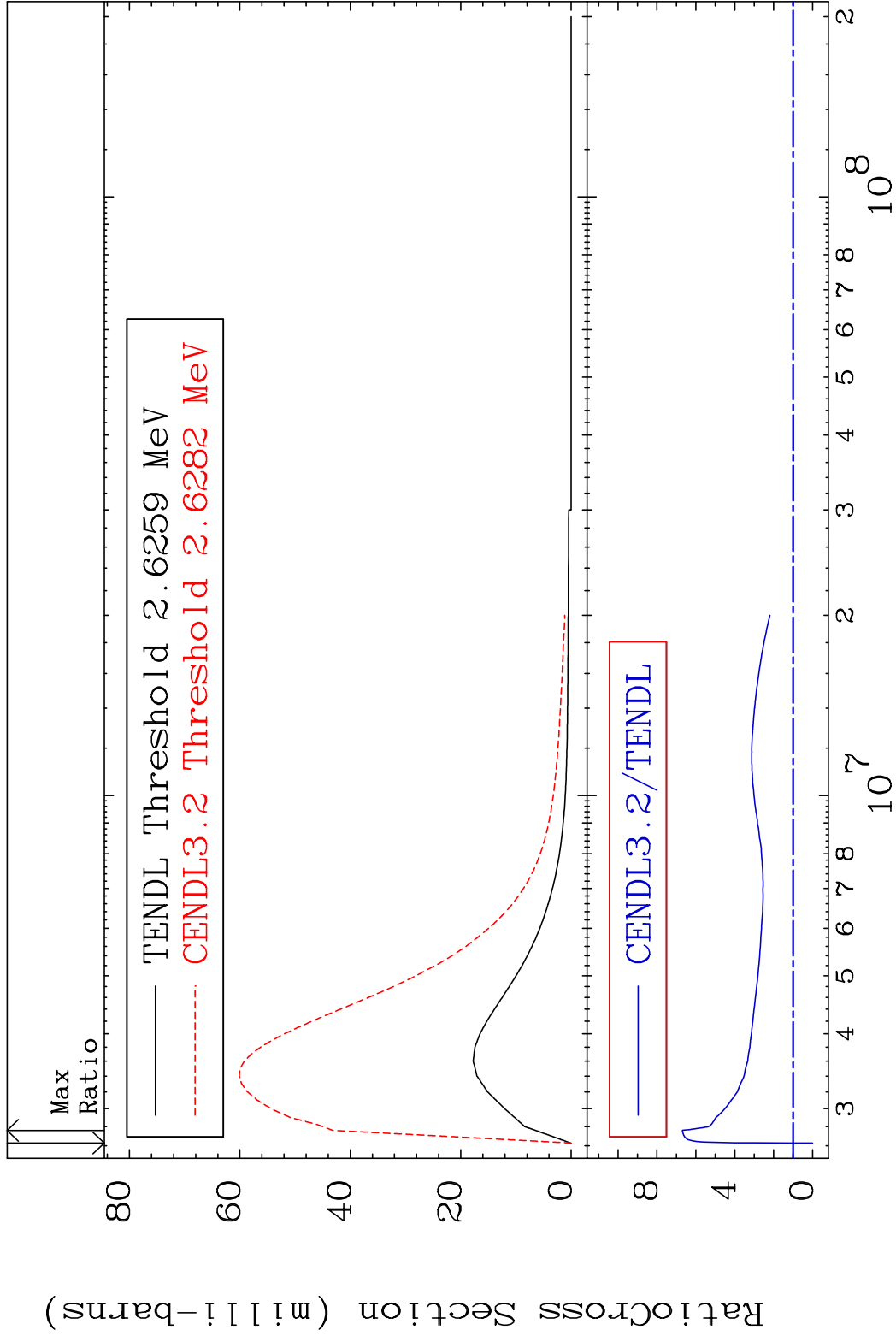
Cross Section	-100.0 To 1493. %

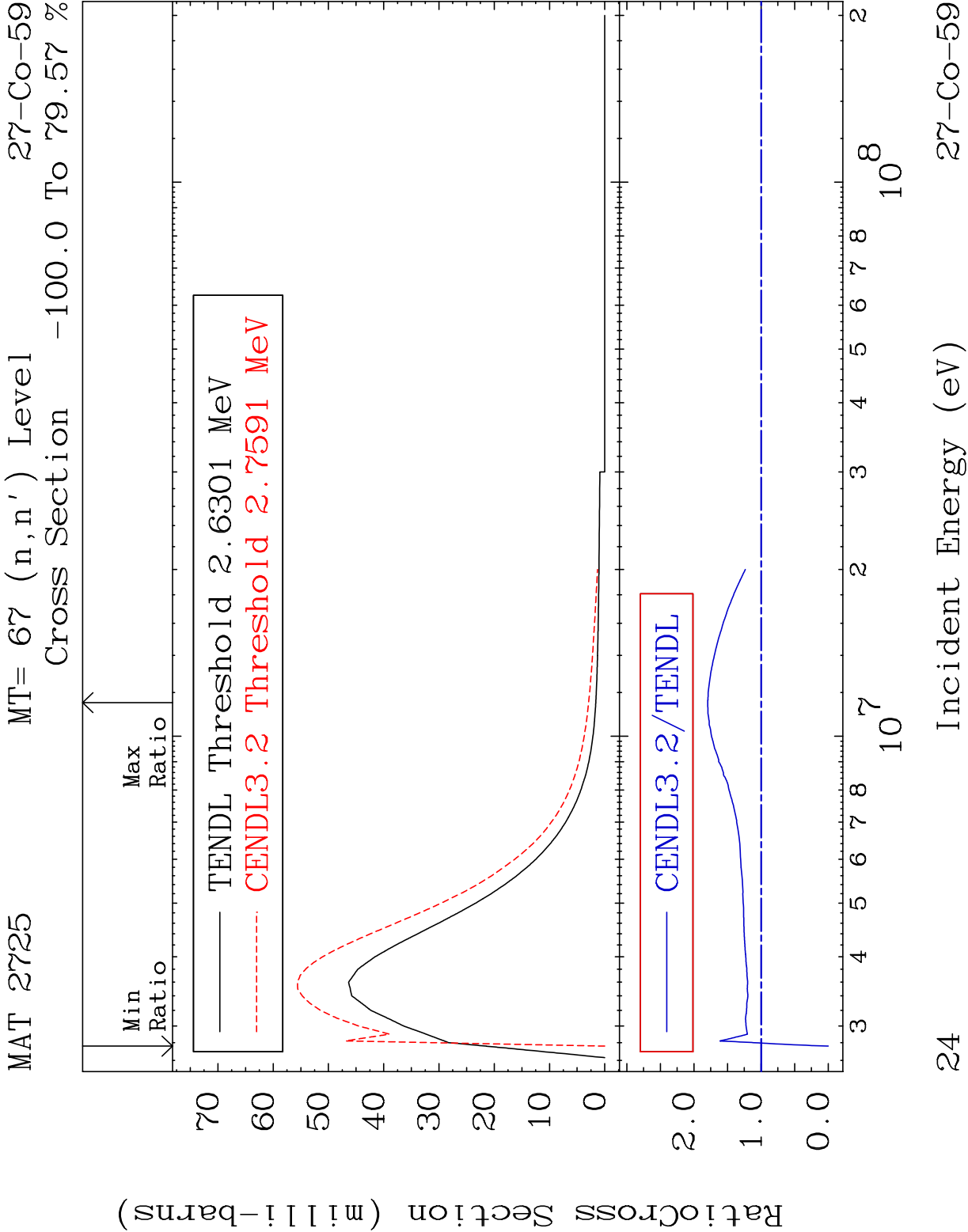


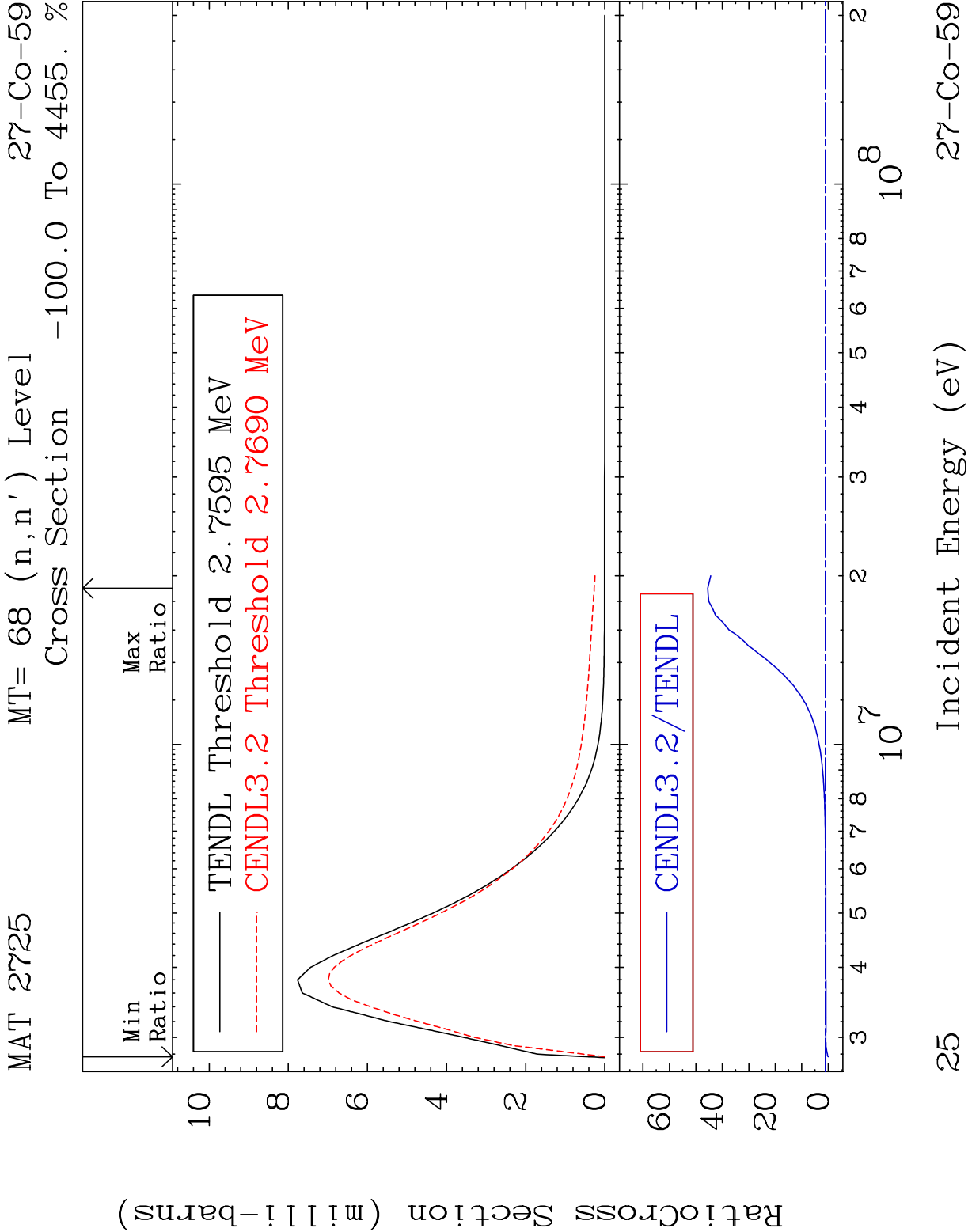


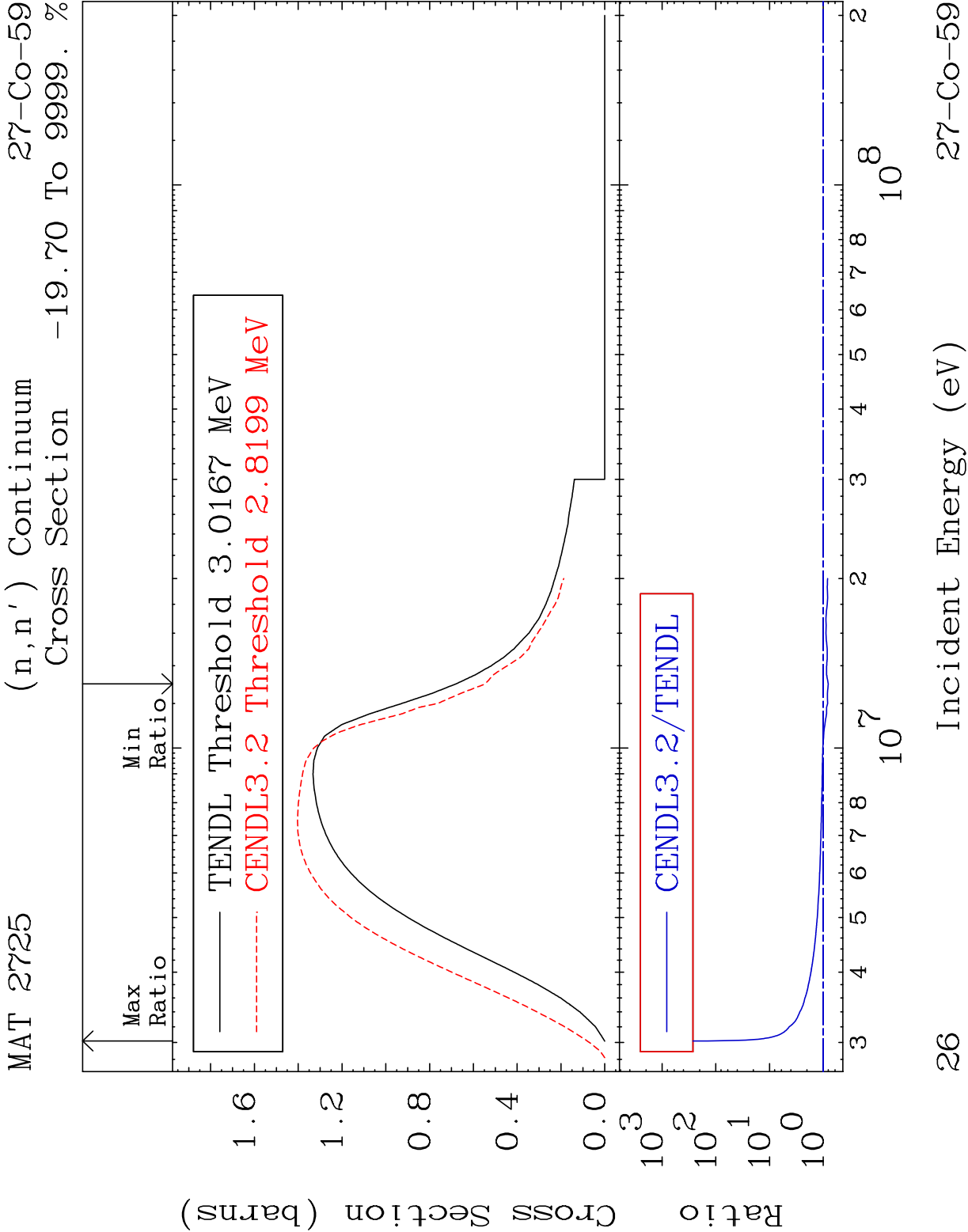


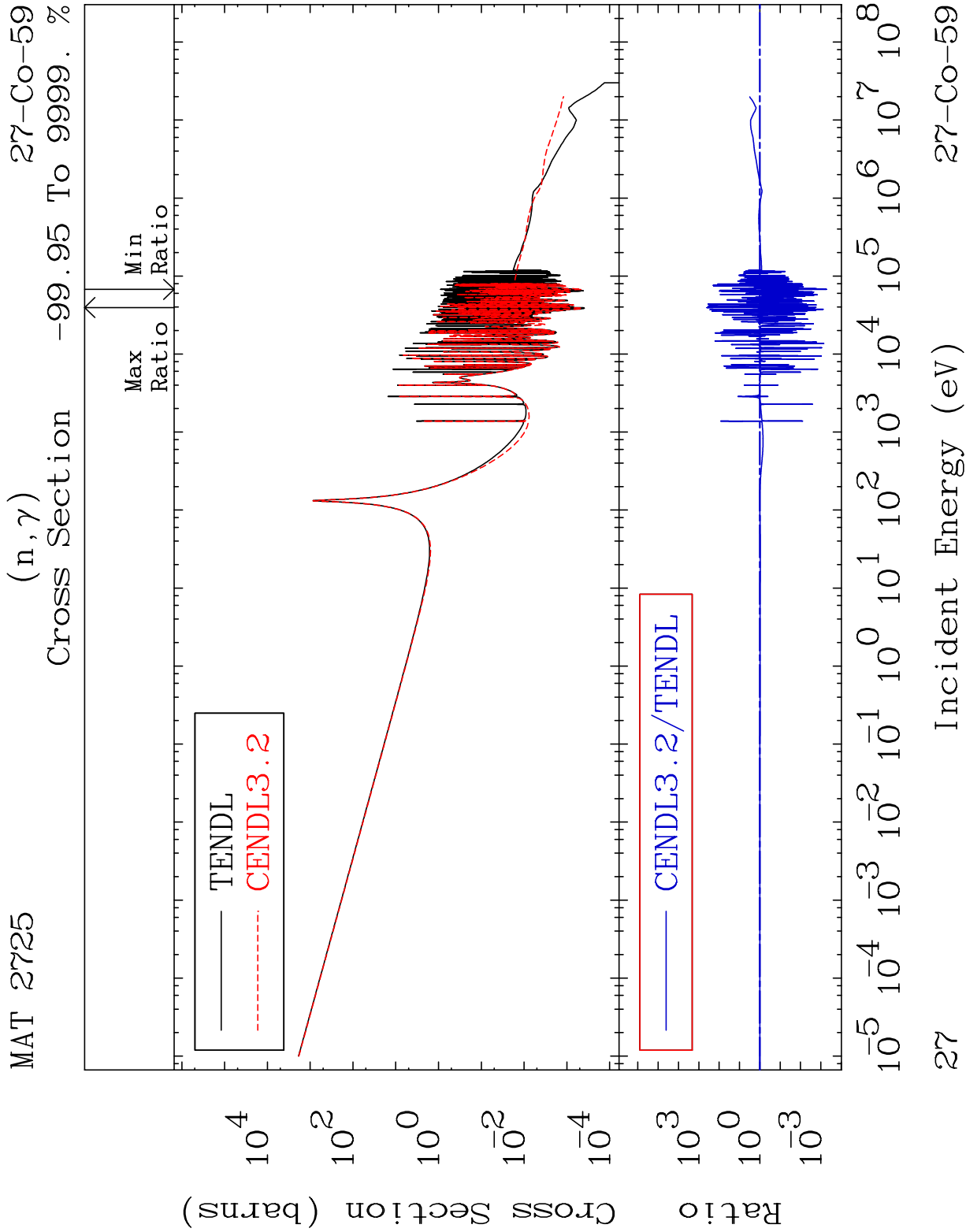
MAT 2725 MT= 66 (n,n') Level 27-Co-59
Cross Section -100.0 To 569.4 %

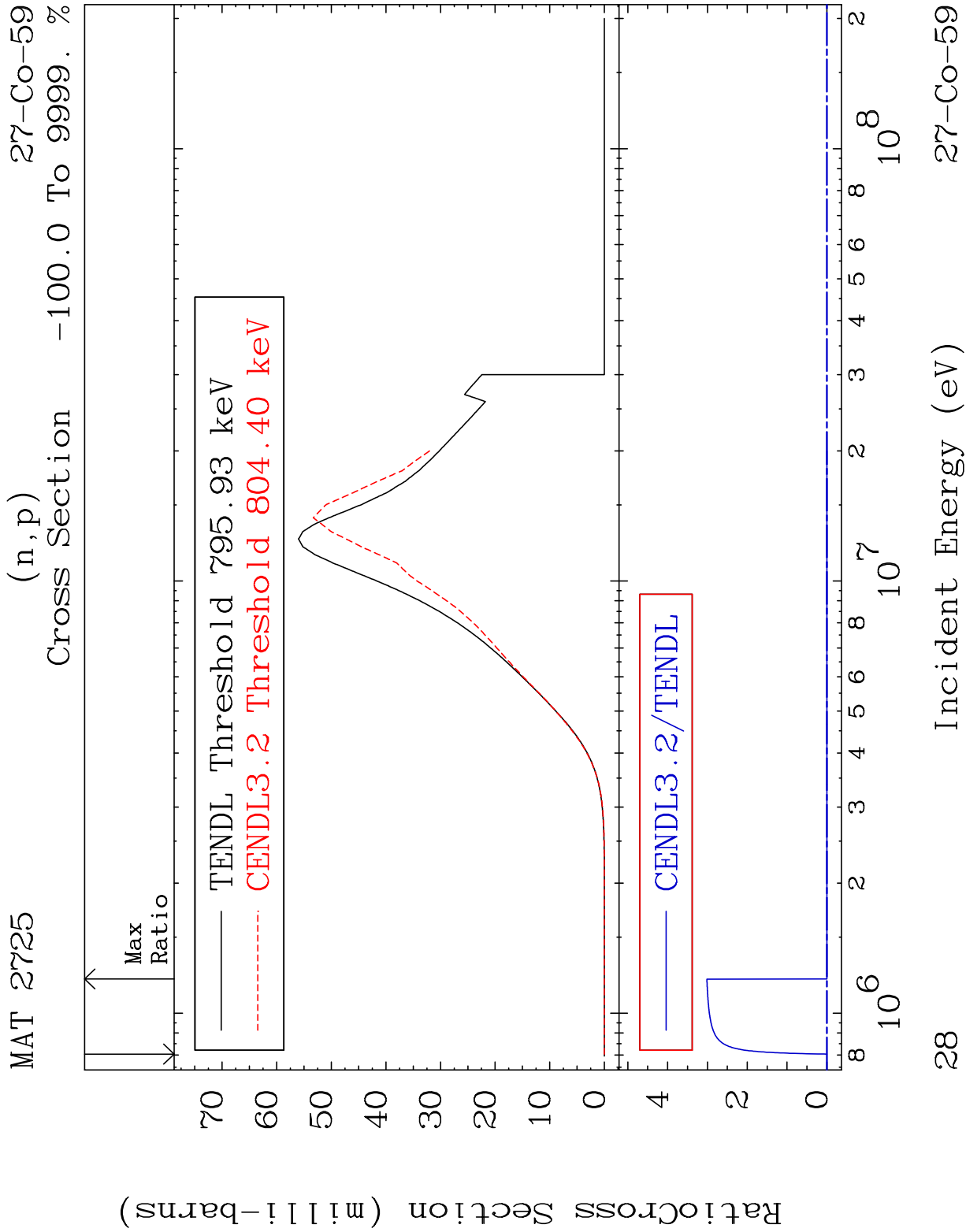


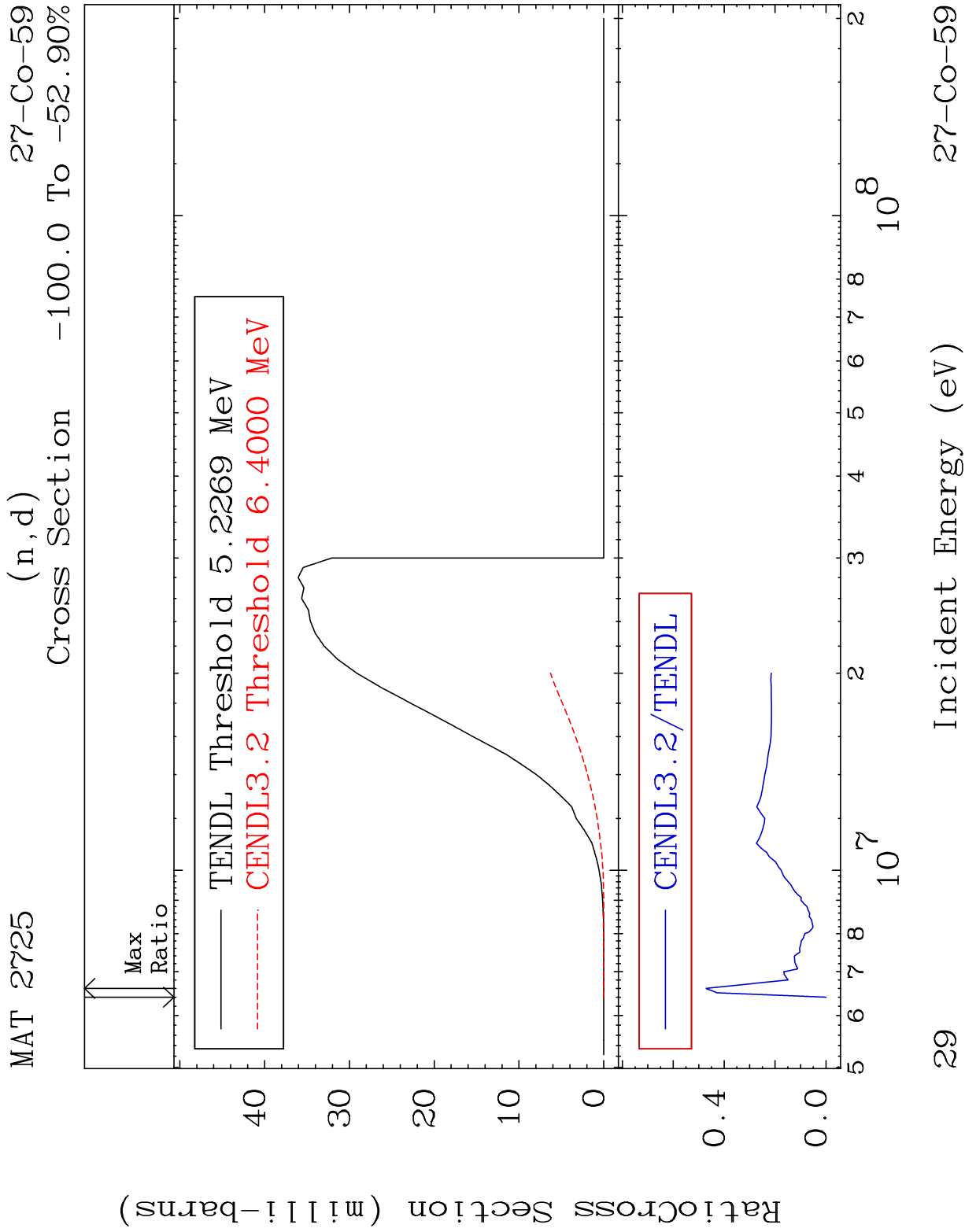


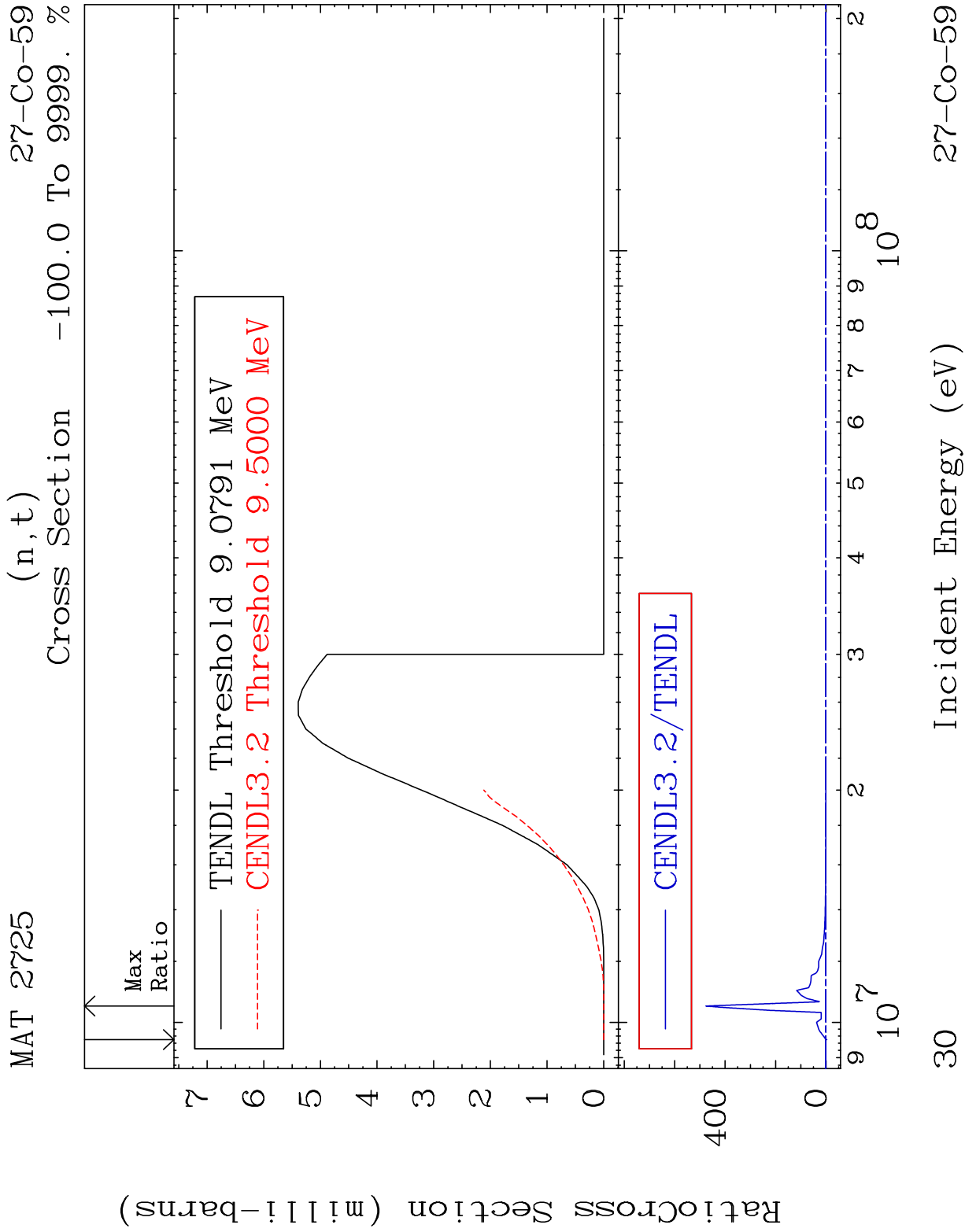


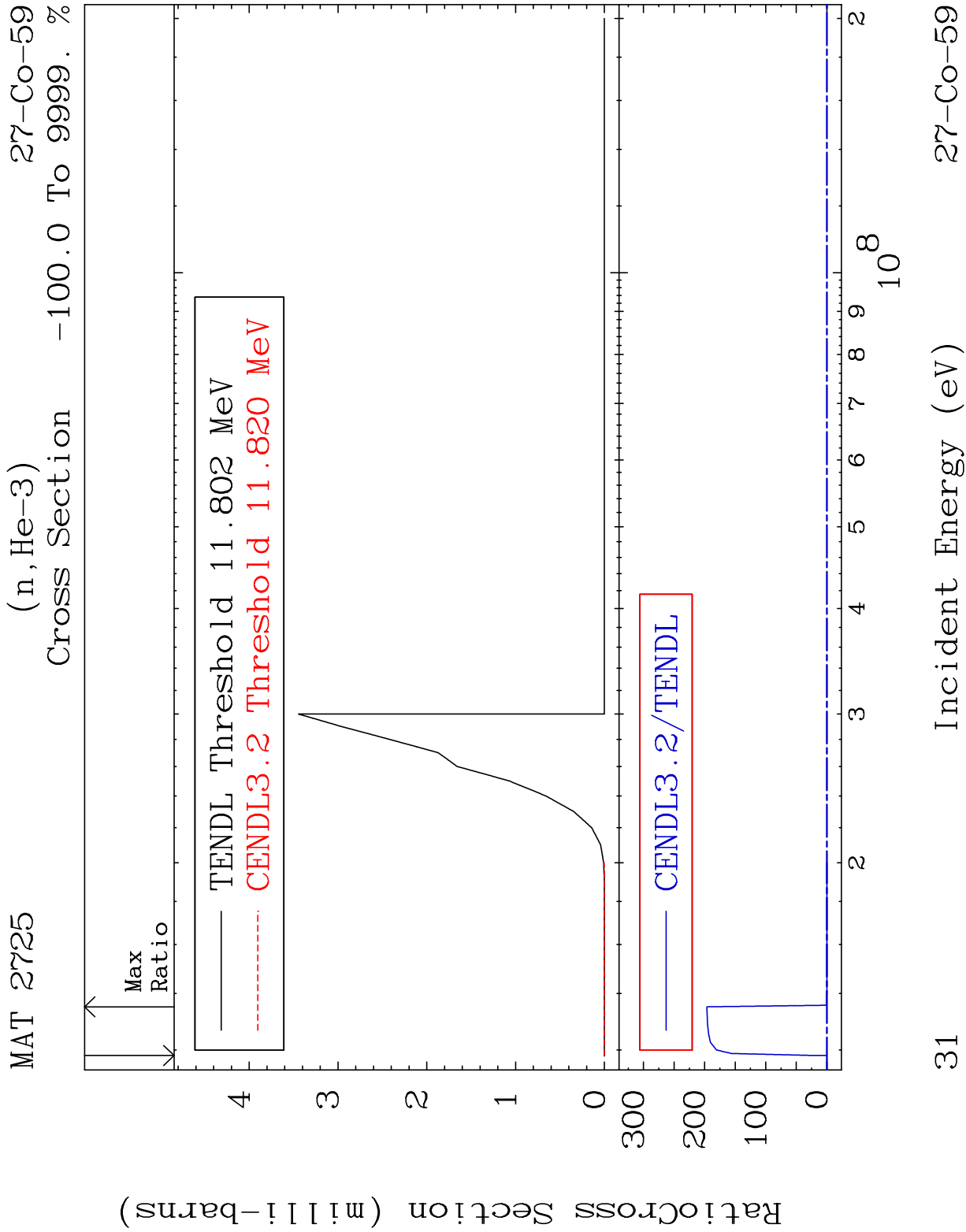


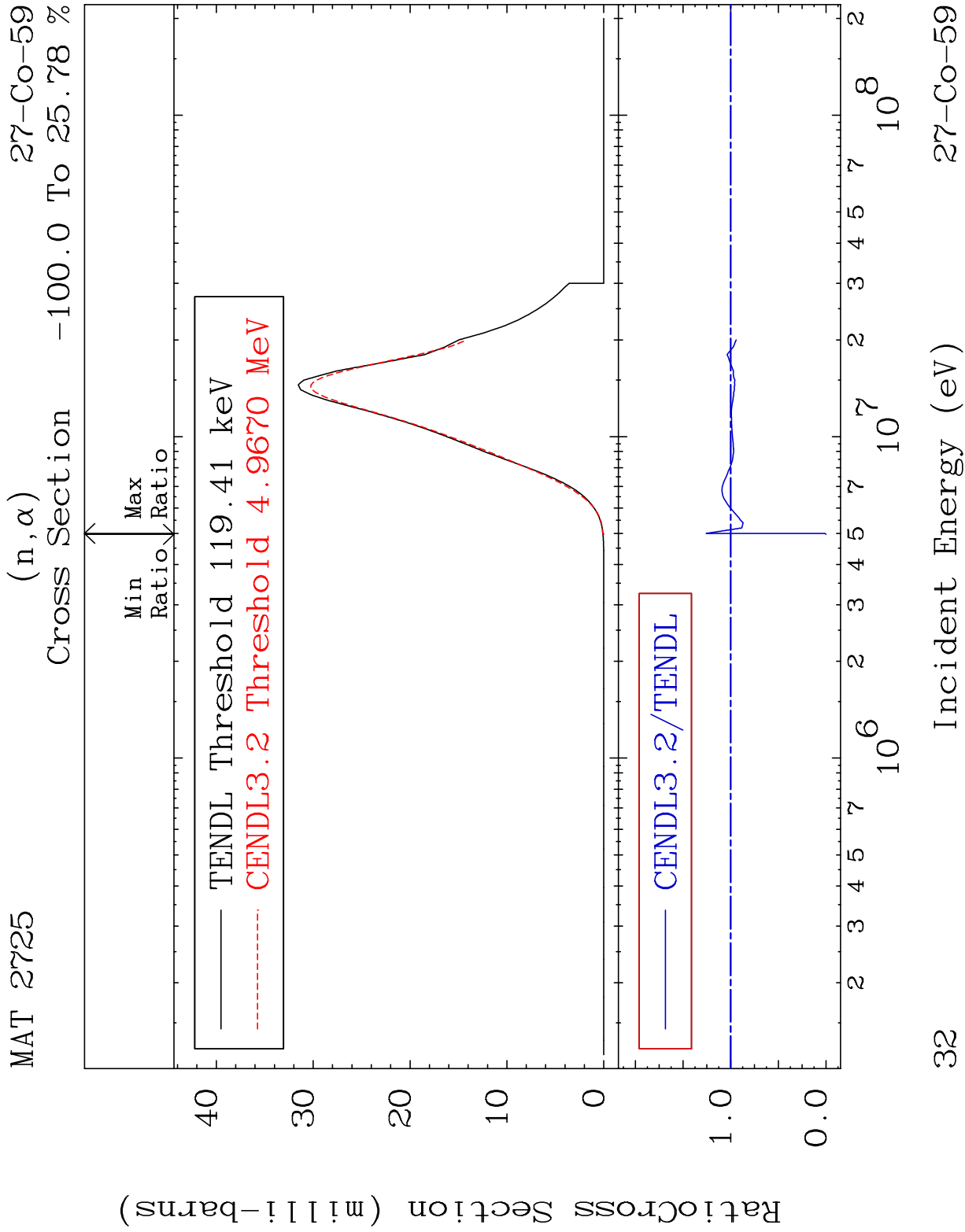


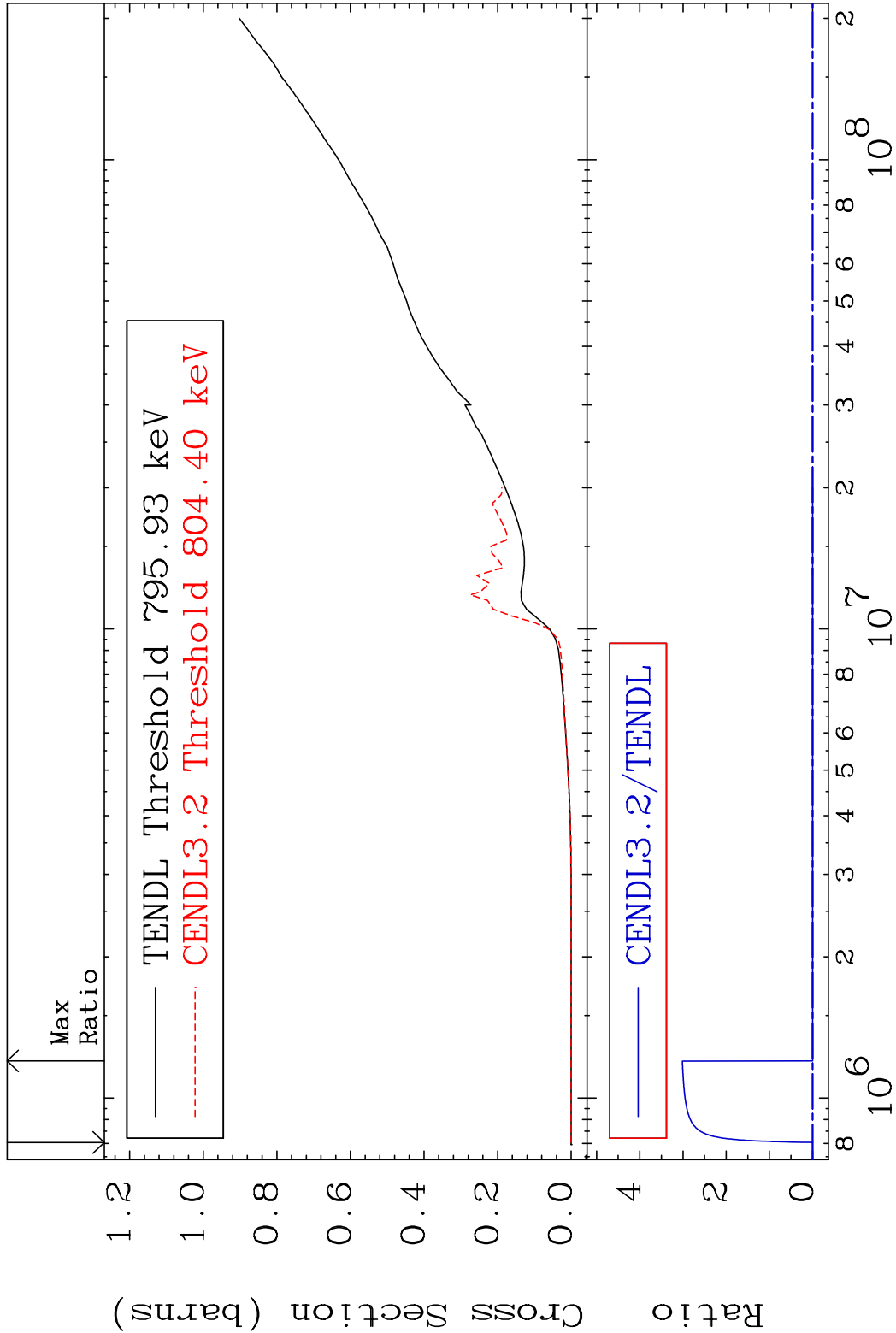


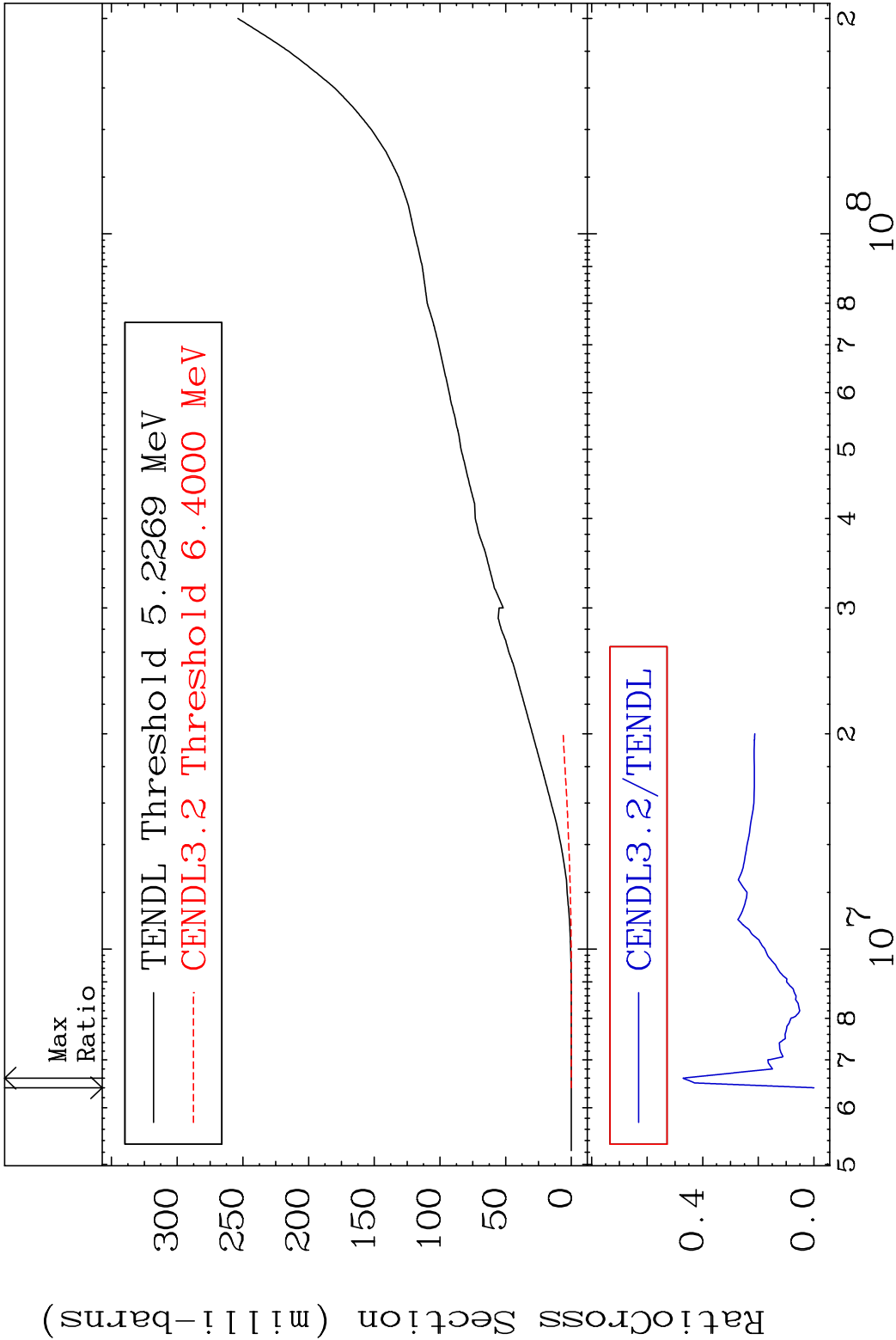


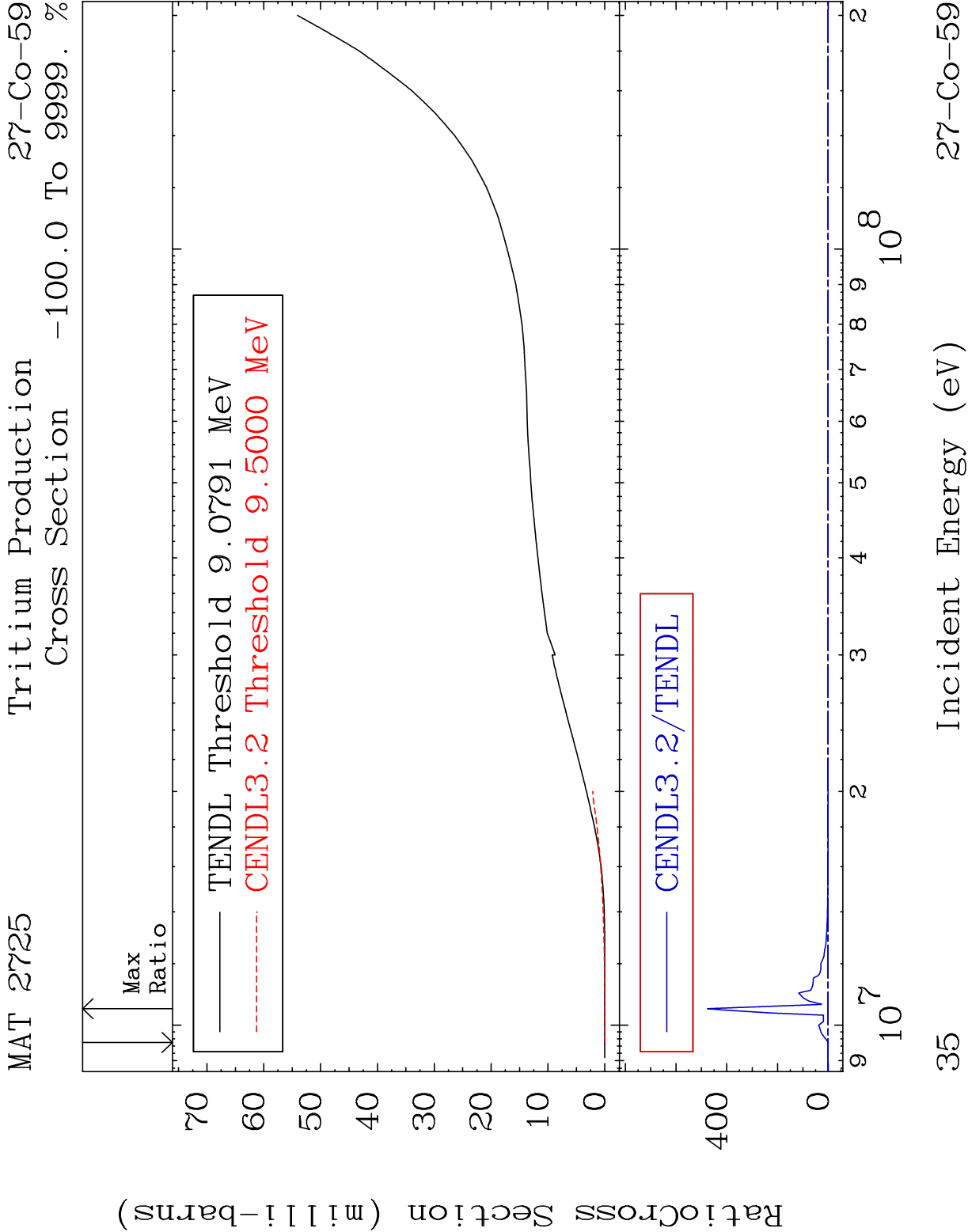


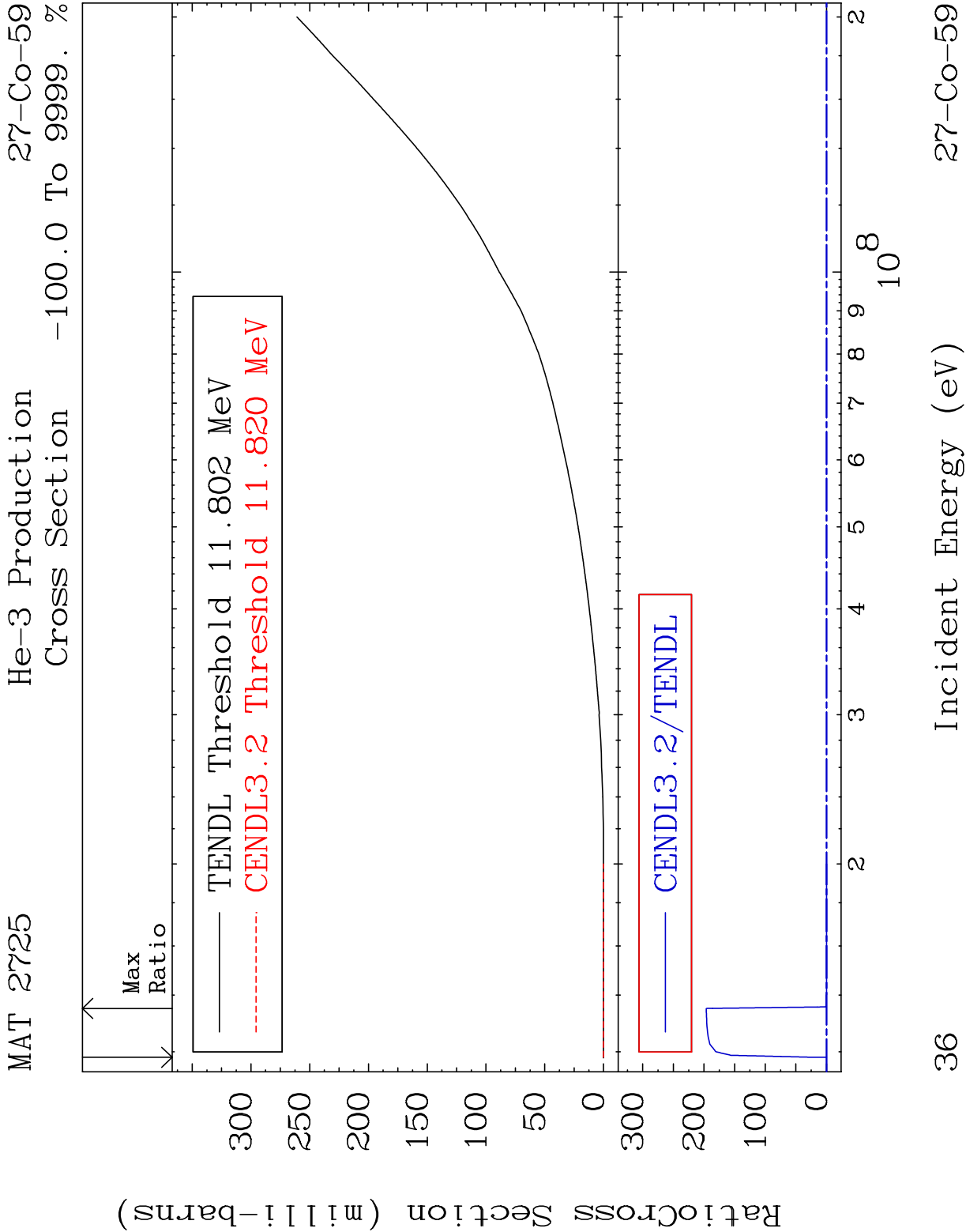


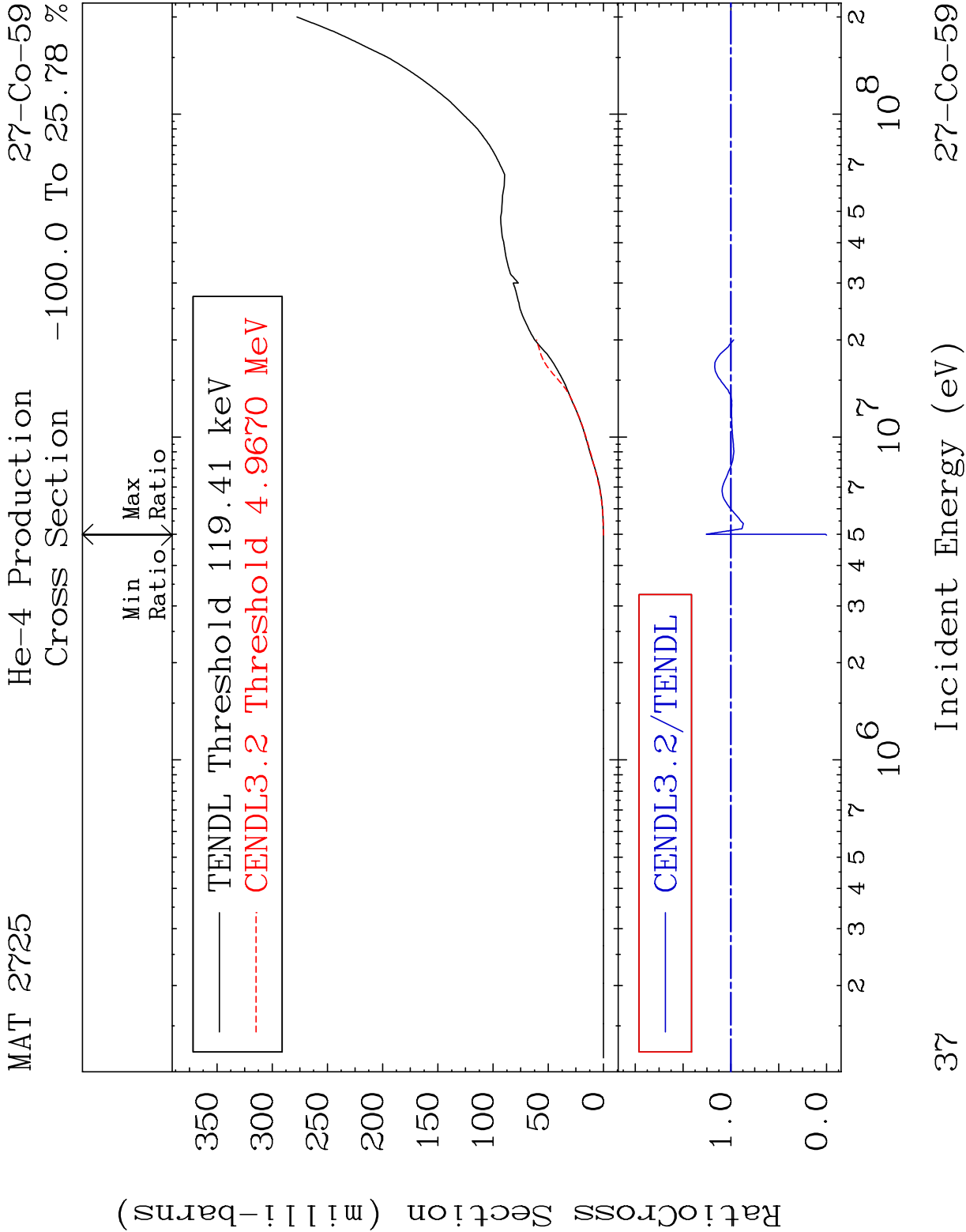


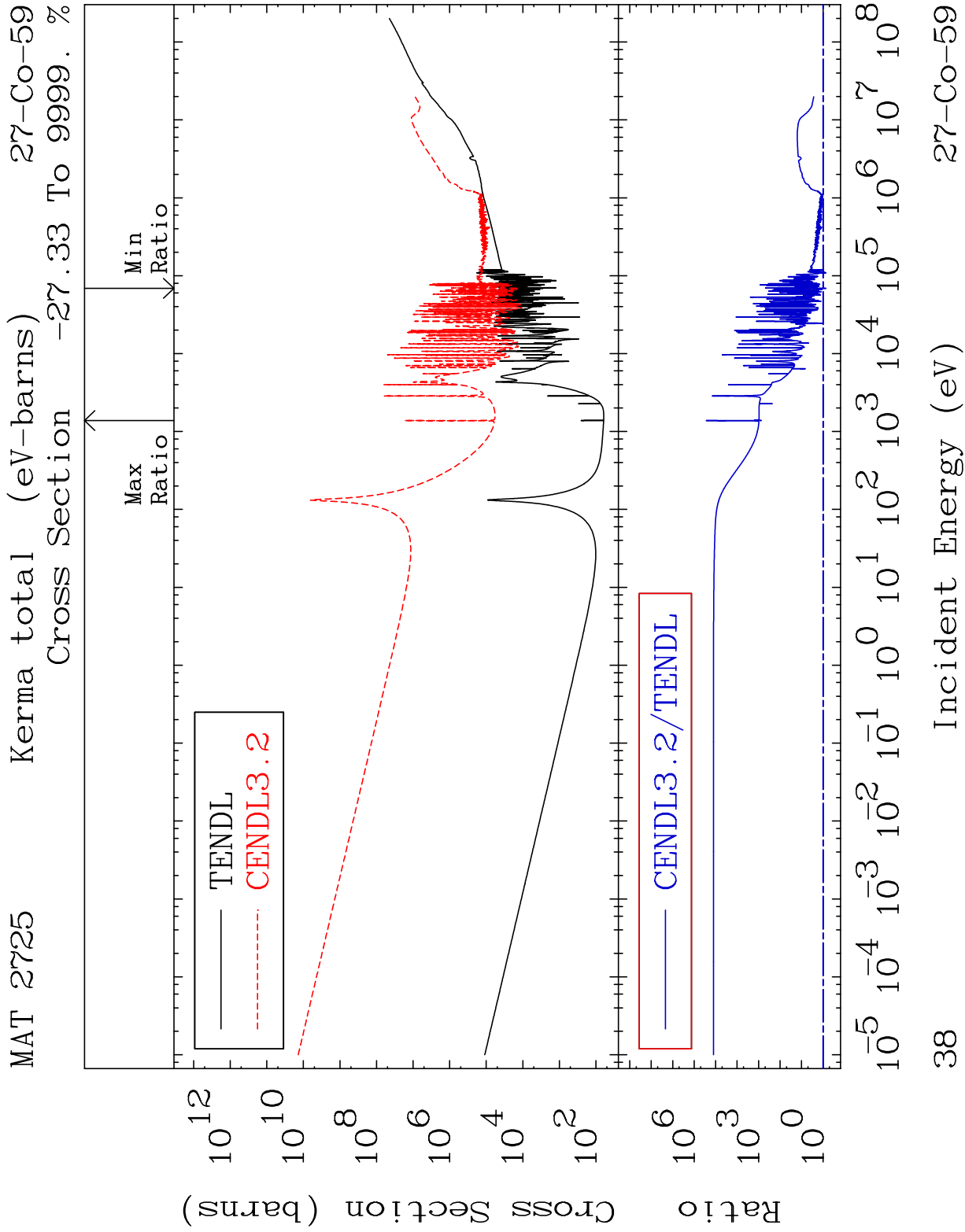


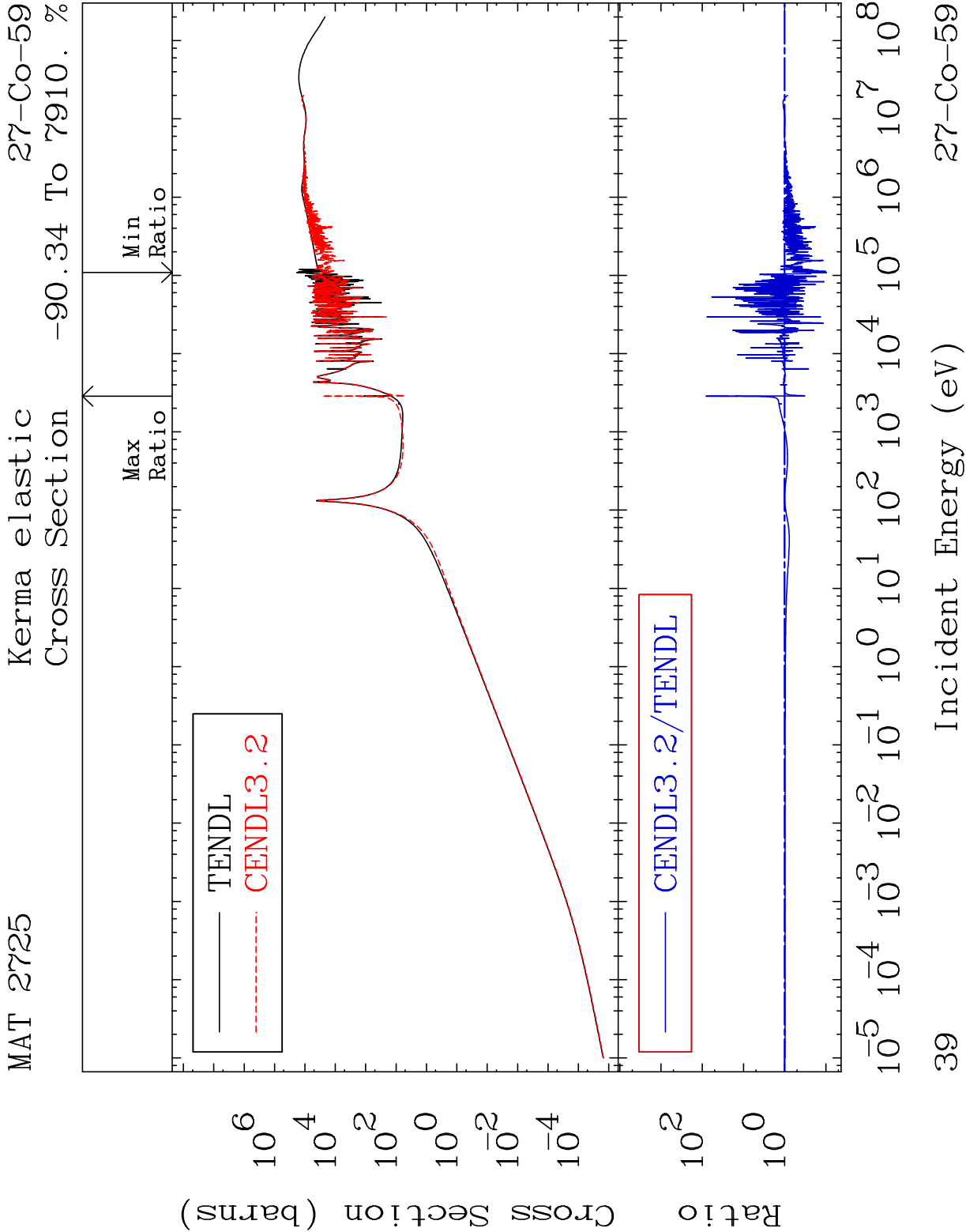




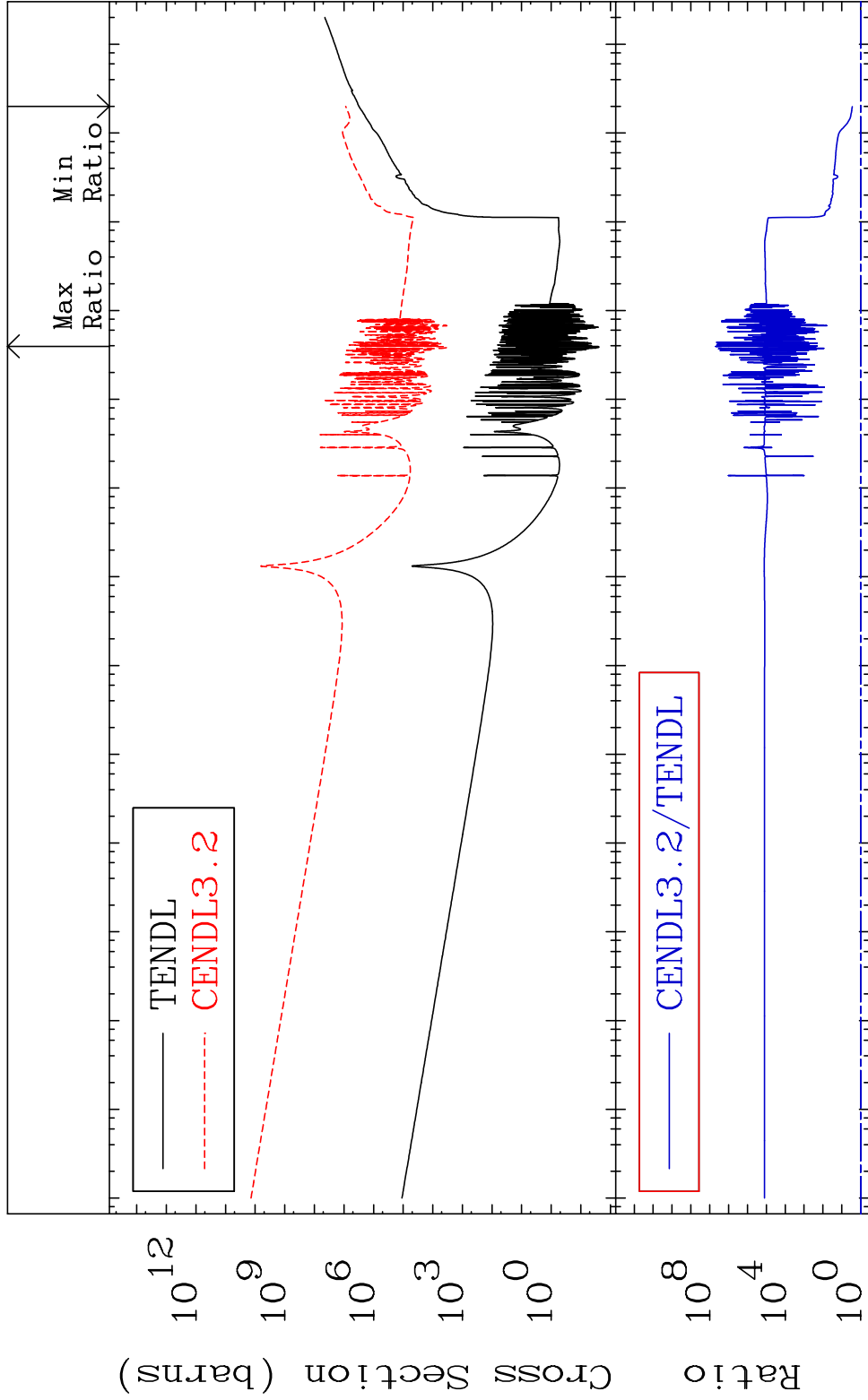




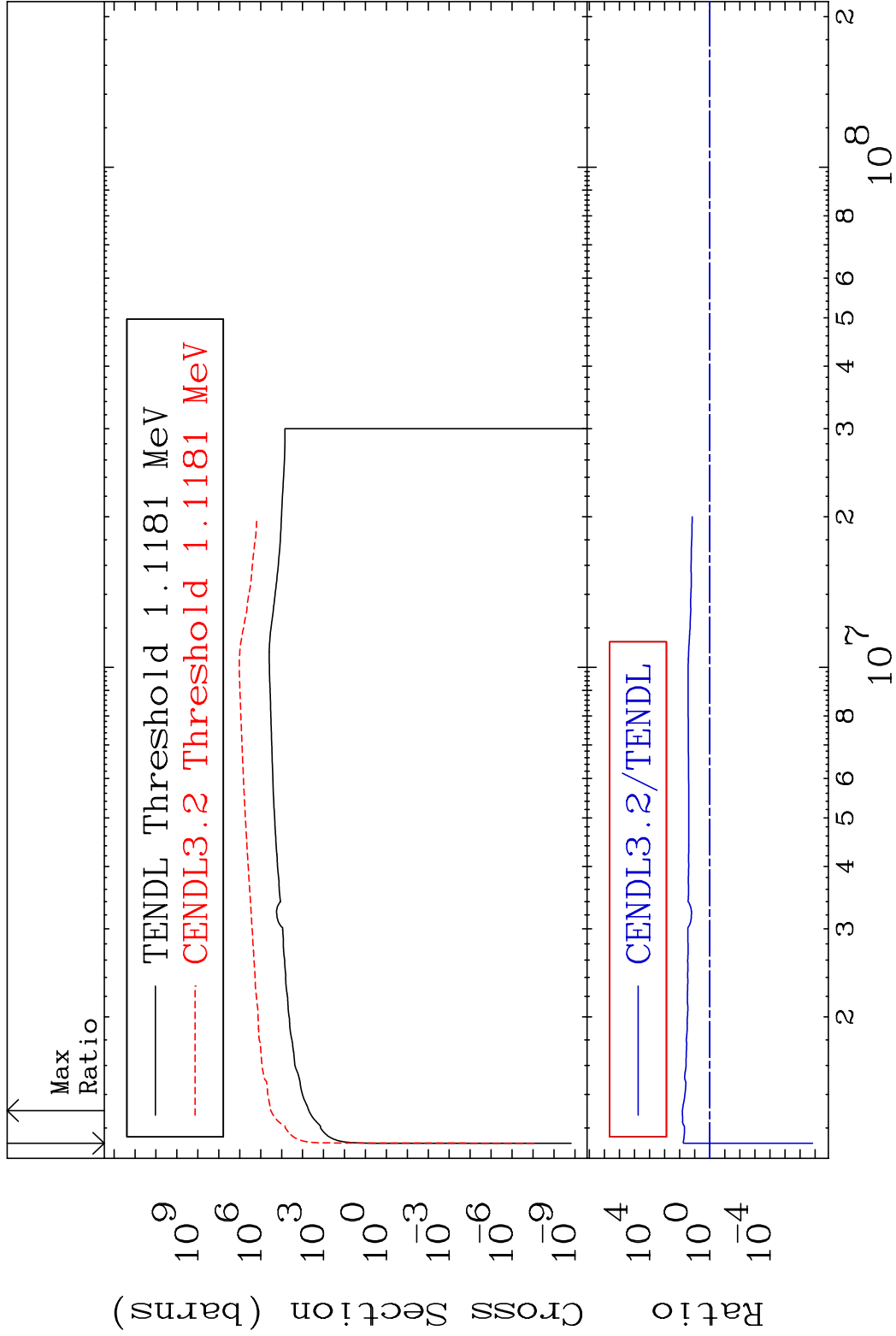




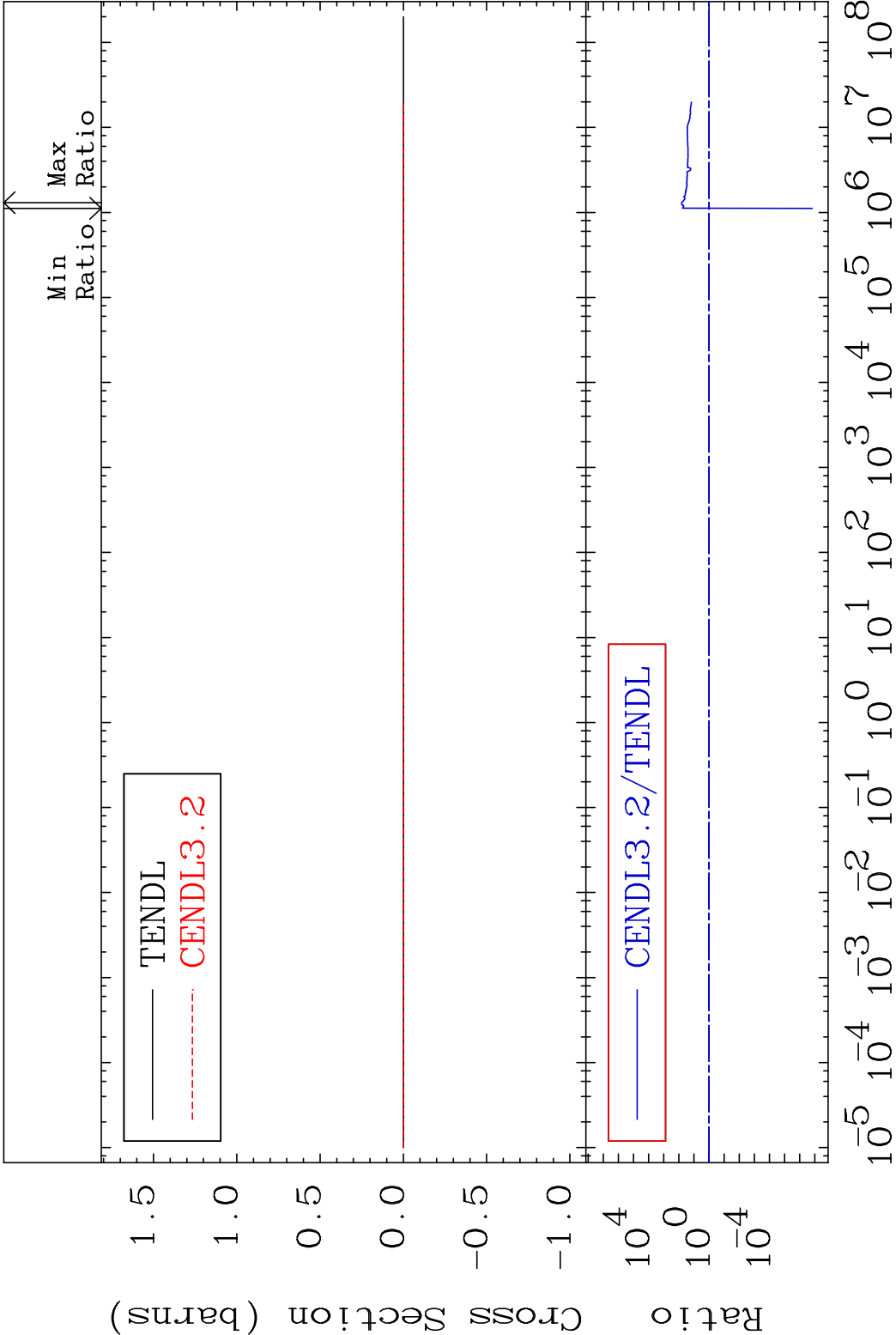
MAT 2725 Kerma non-elastic (all but mt2) 27-Co-59
 Cross Section 180.3 To 9999. %

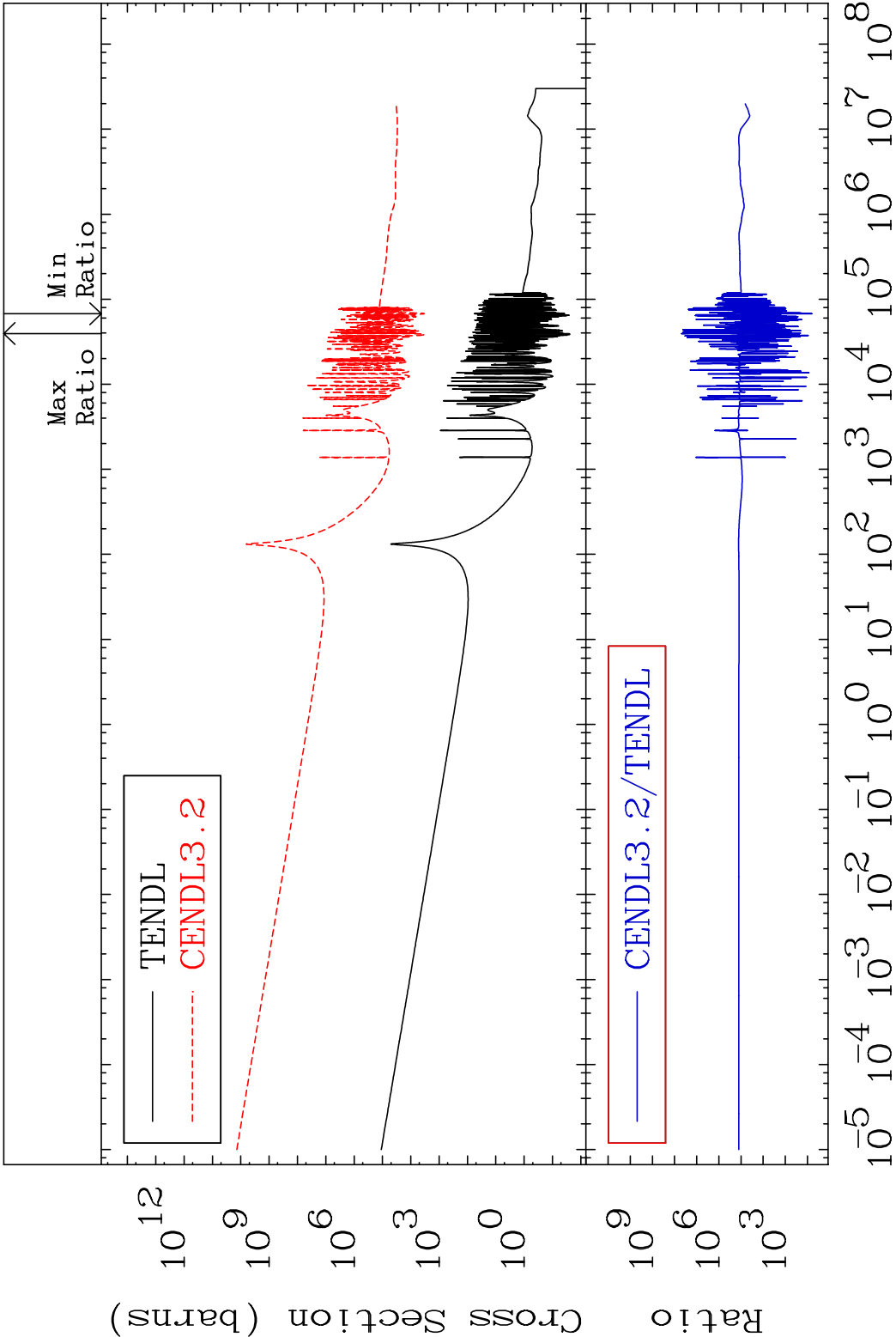


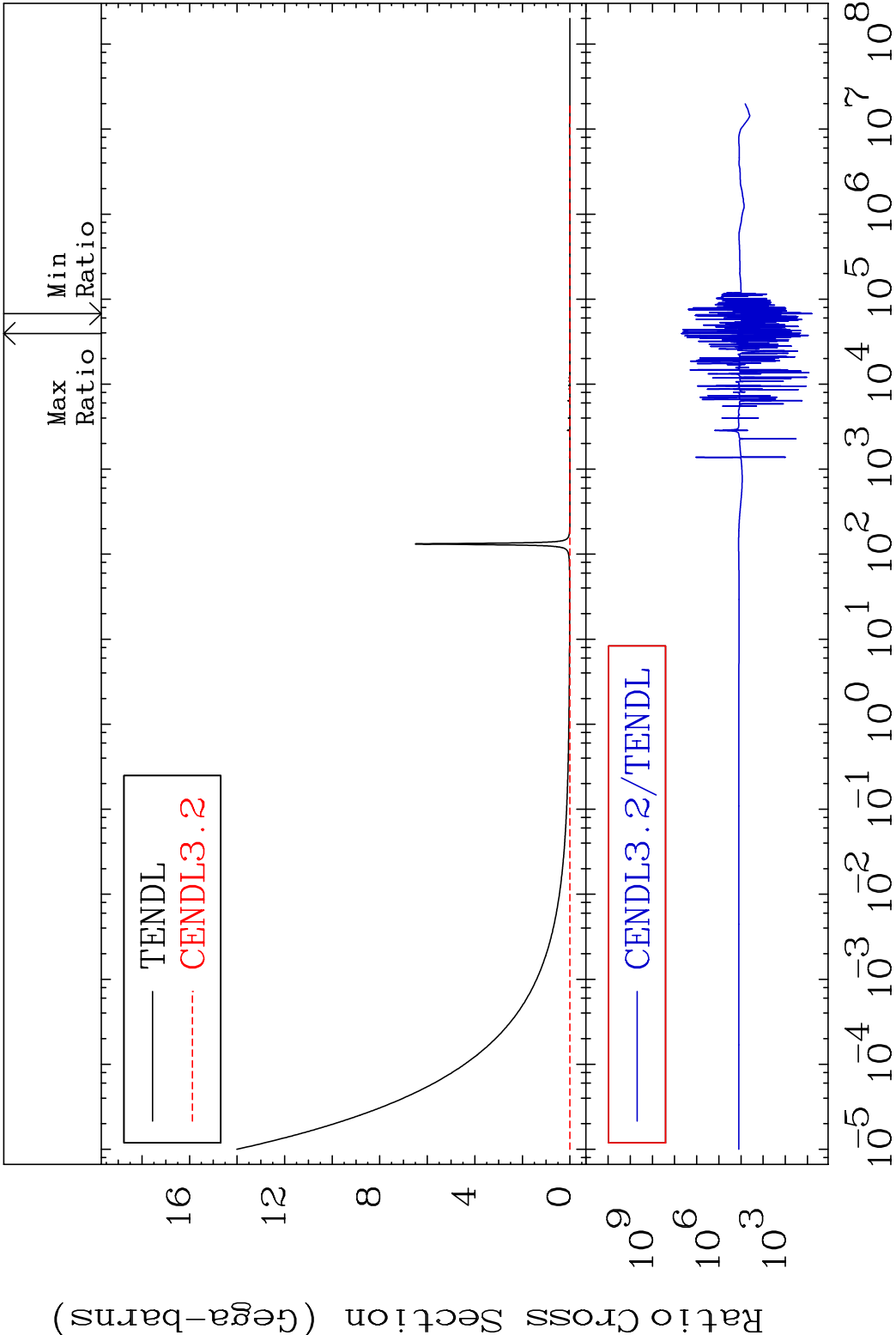
40 Incident Energy (eV) 27-Co-59



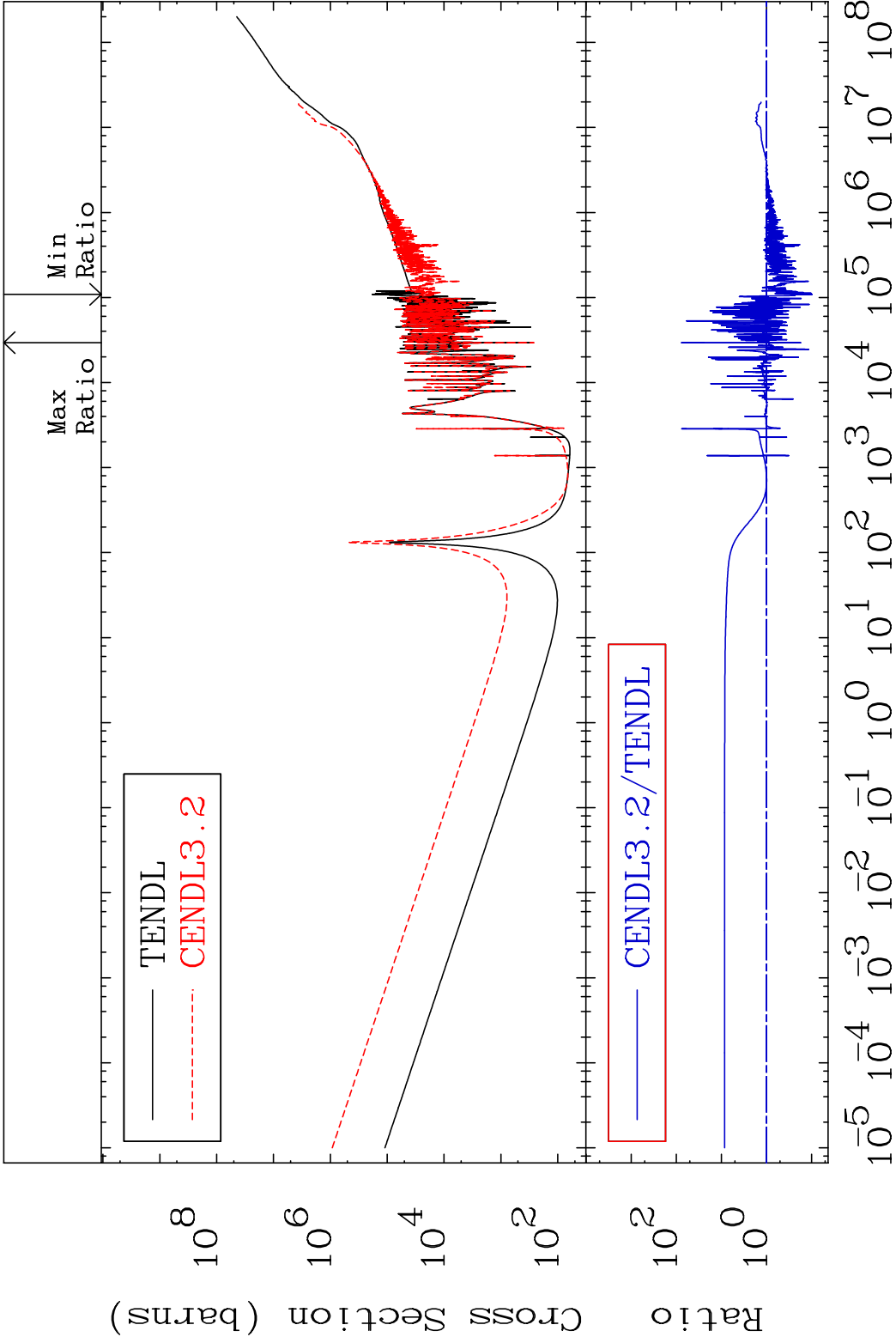
MAT 2725 Kerma fission (mt18 or mt19-20-21-38) 27-Co-59
Cross Section -100.0 To 6504. %





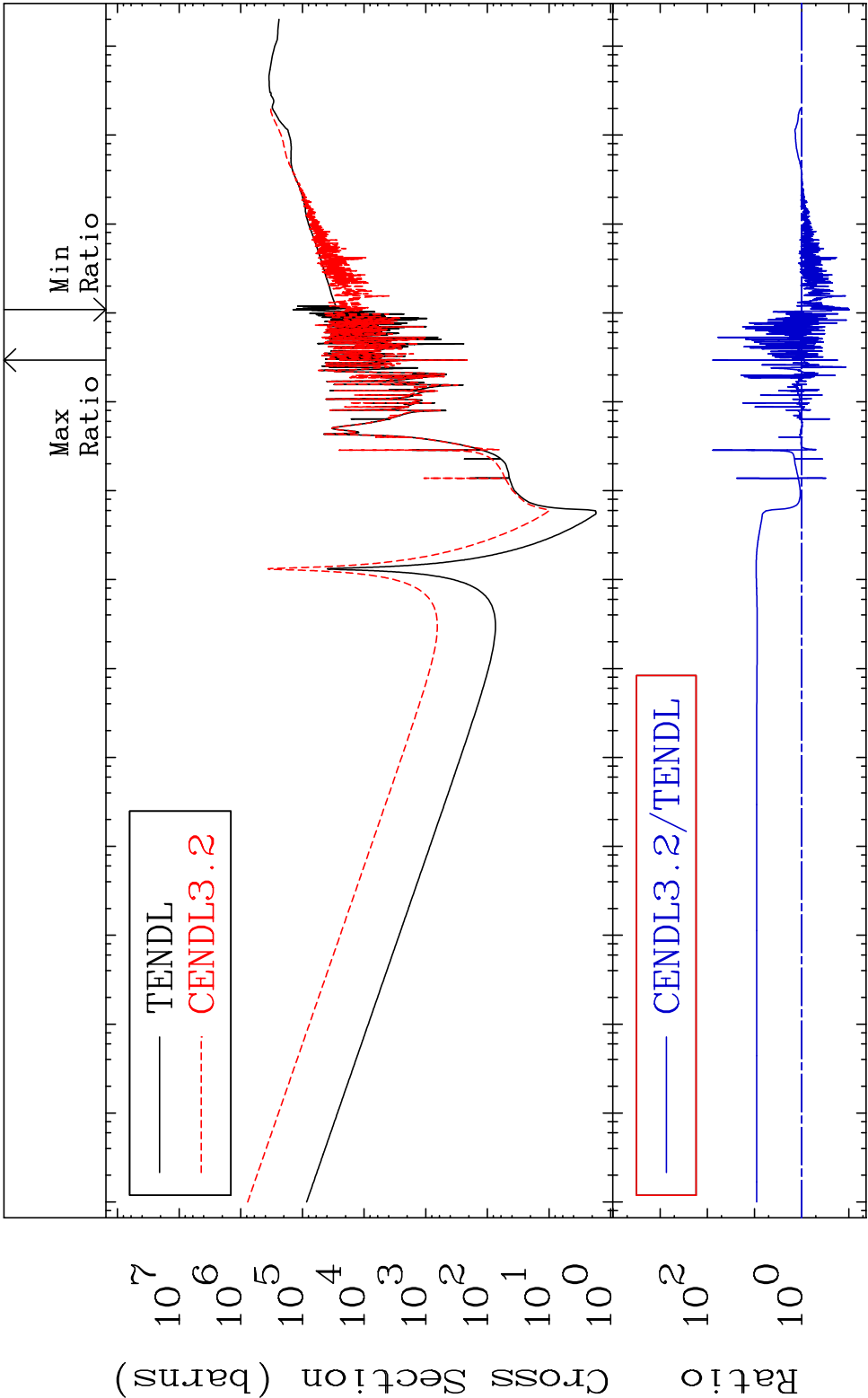


MAT 2725 Total kinematic kerma (high limit) 27-Co-59
Cross Section -90.32 To 7553. %



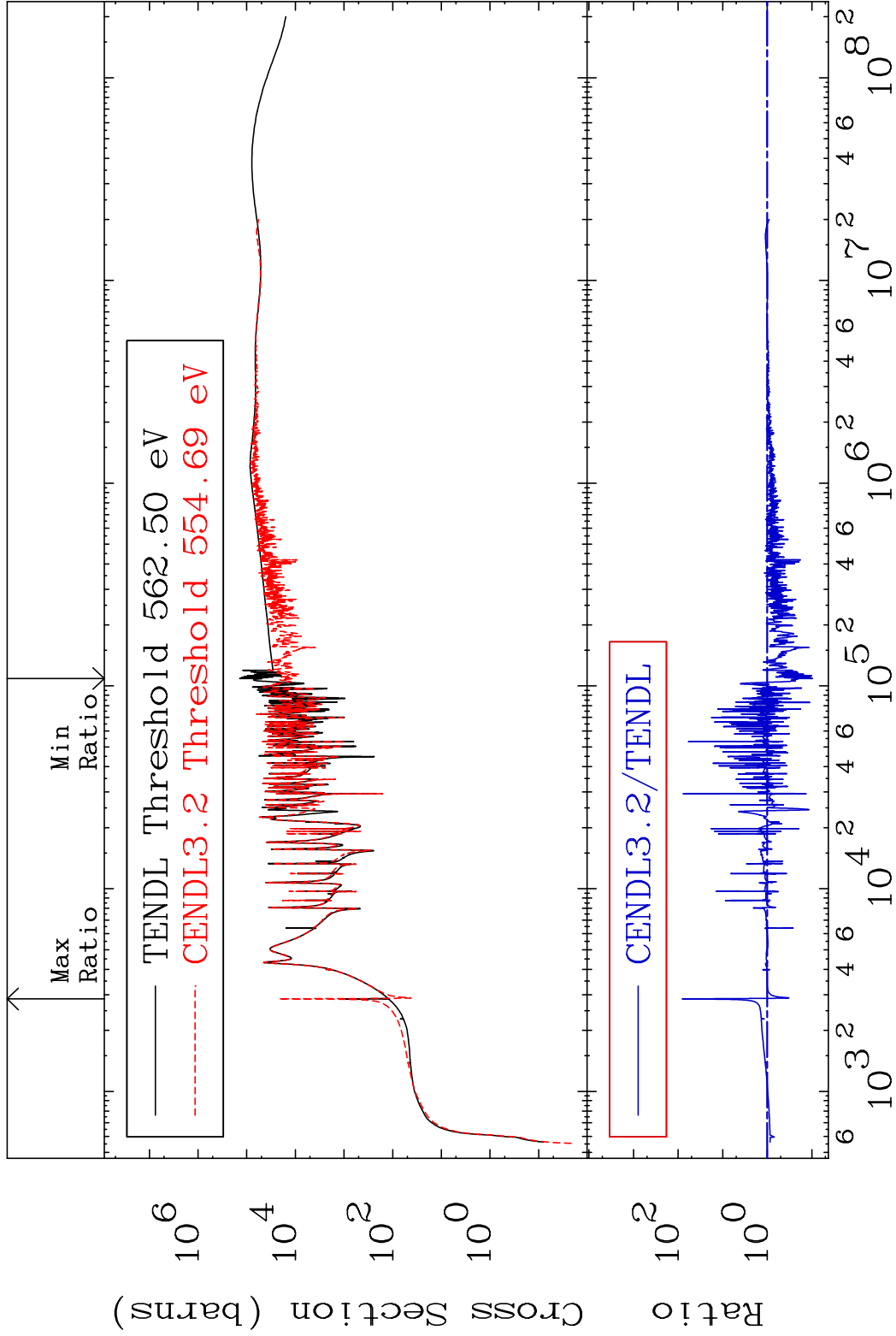
45 Incident Energy (eV) 27-Co-59

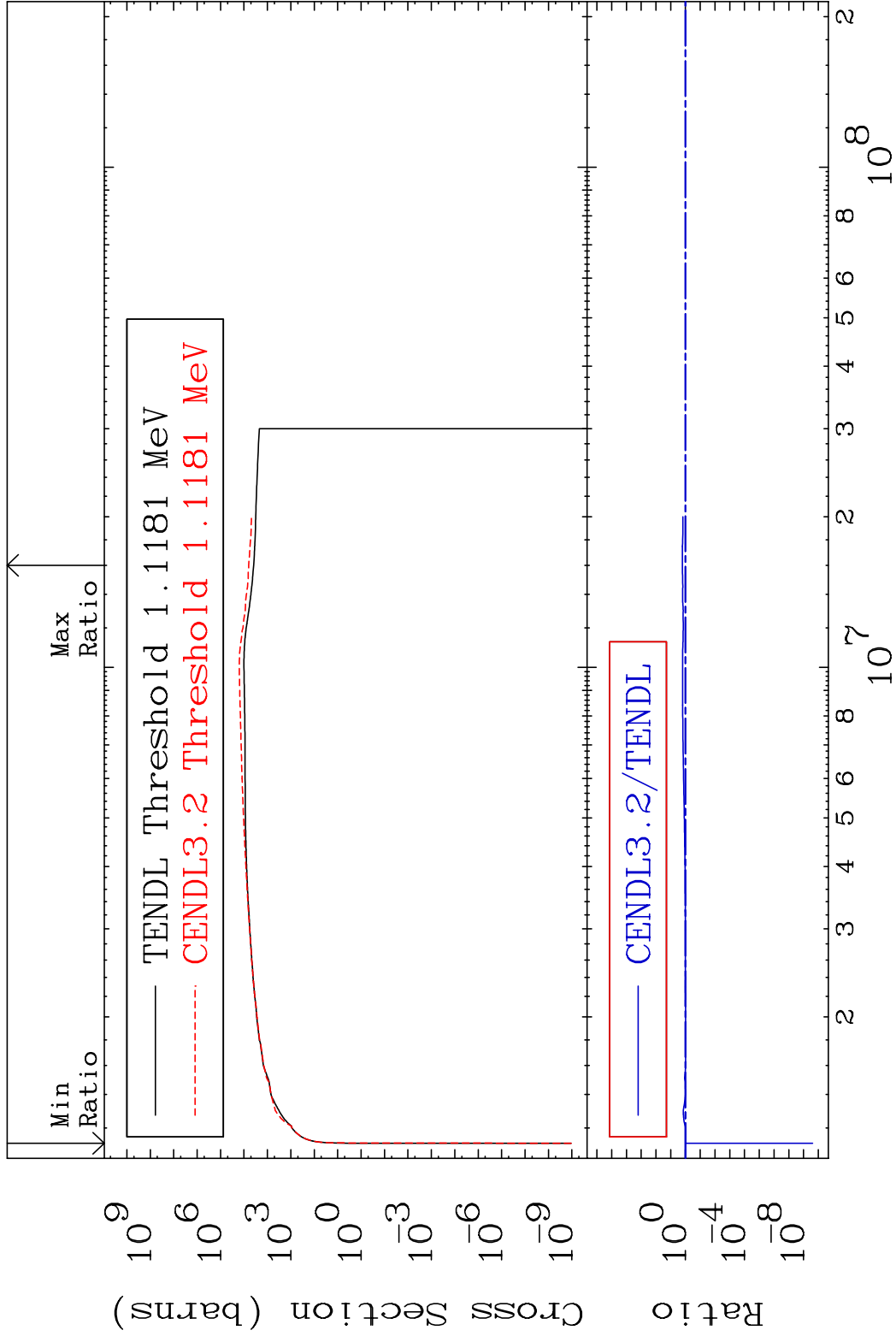
MAT 2725 Dpa total (eV-barns) 27-Co-59
 Cross Section -90.32 To 7557. %



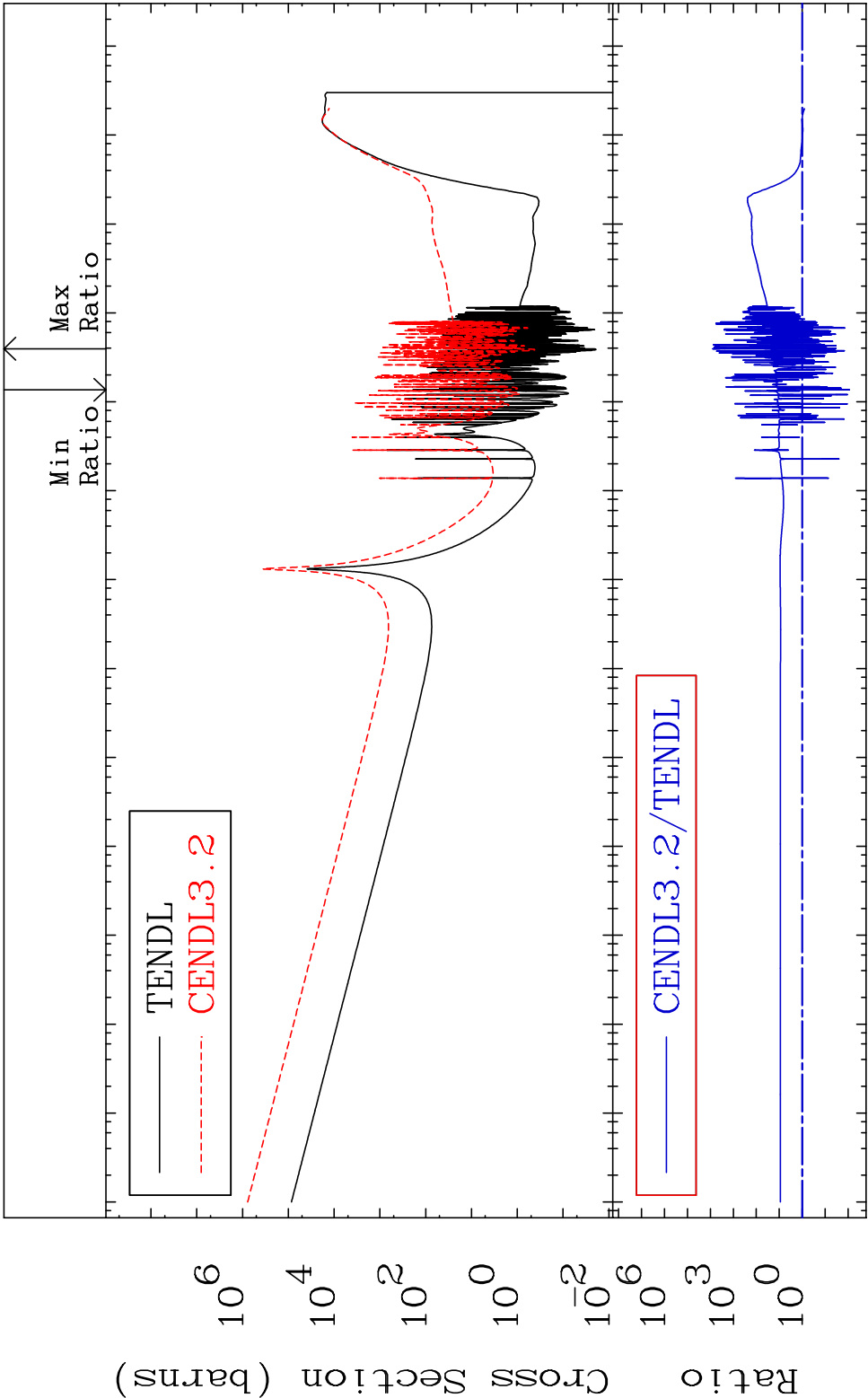
46 Incident Energy (eV) 27-Co-59

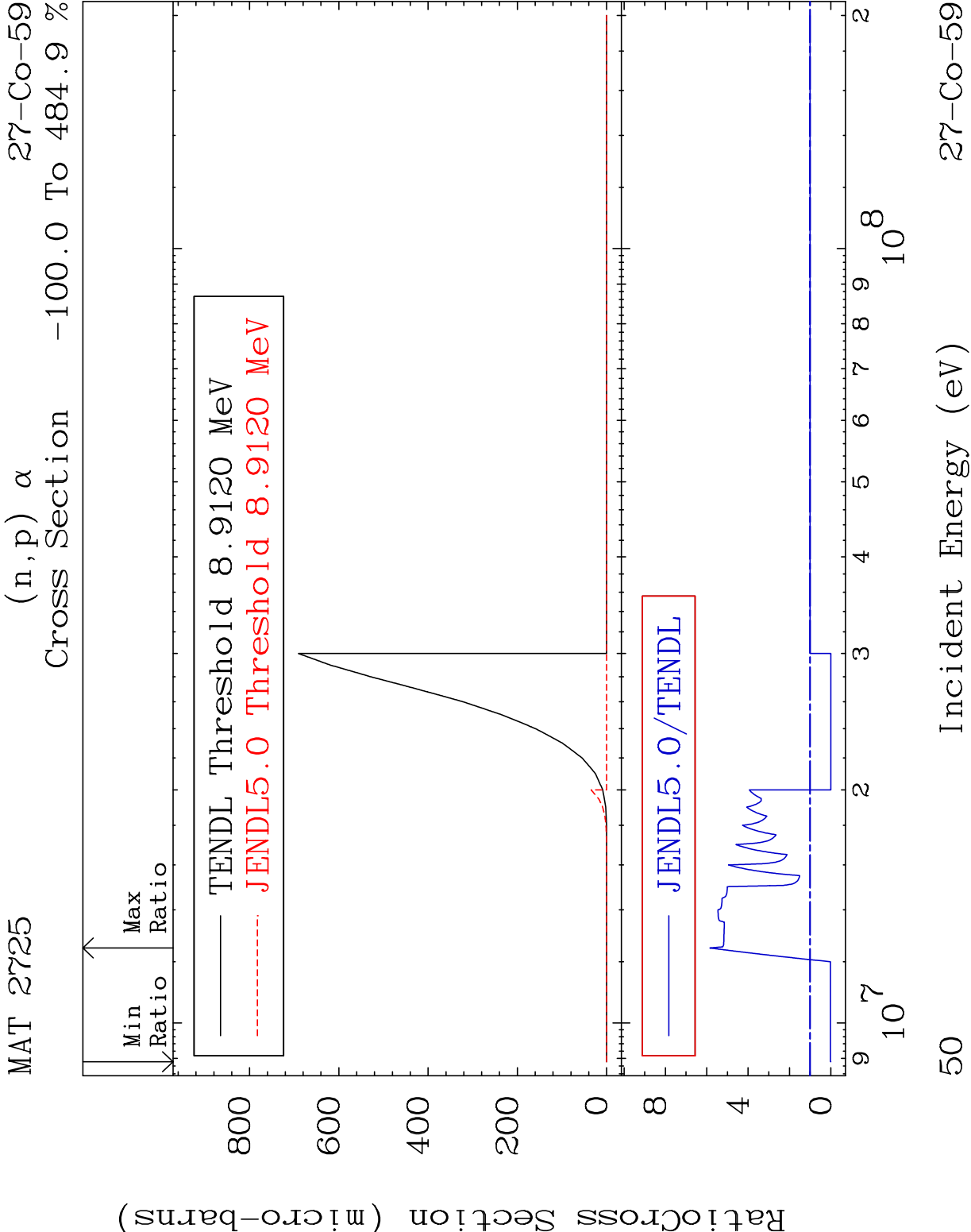
MAT 2725 Dpa elastic (mt2) 27-Co-59
Cross Section -90.34 To 7929. %

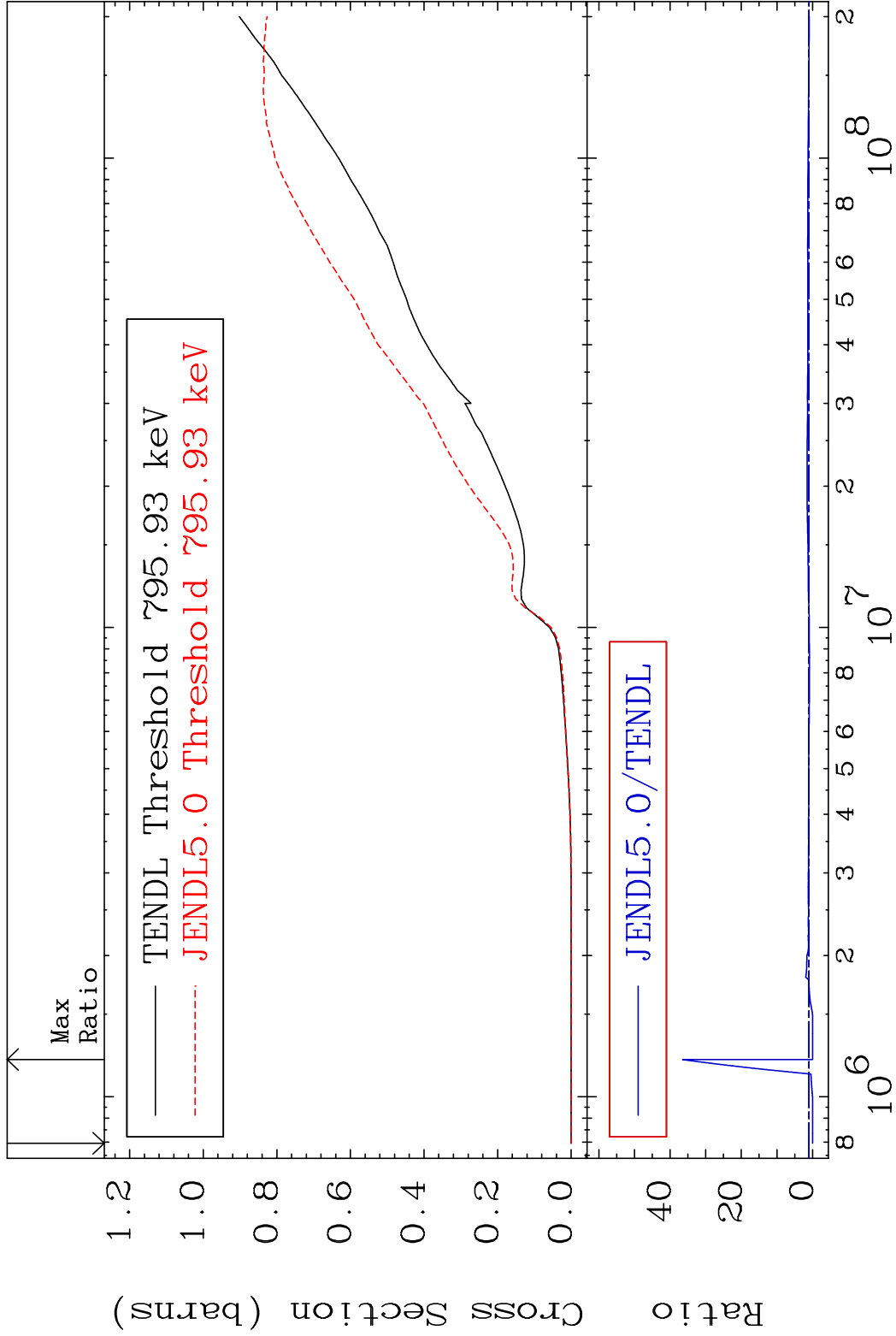


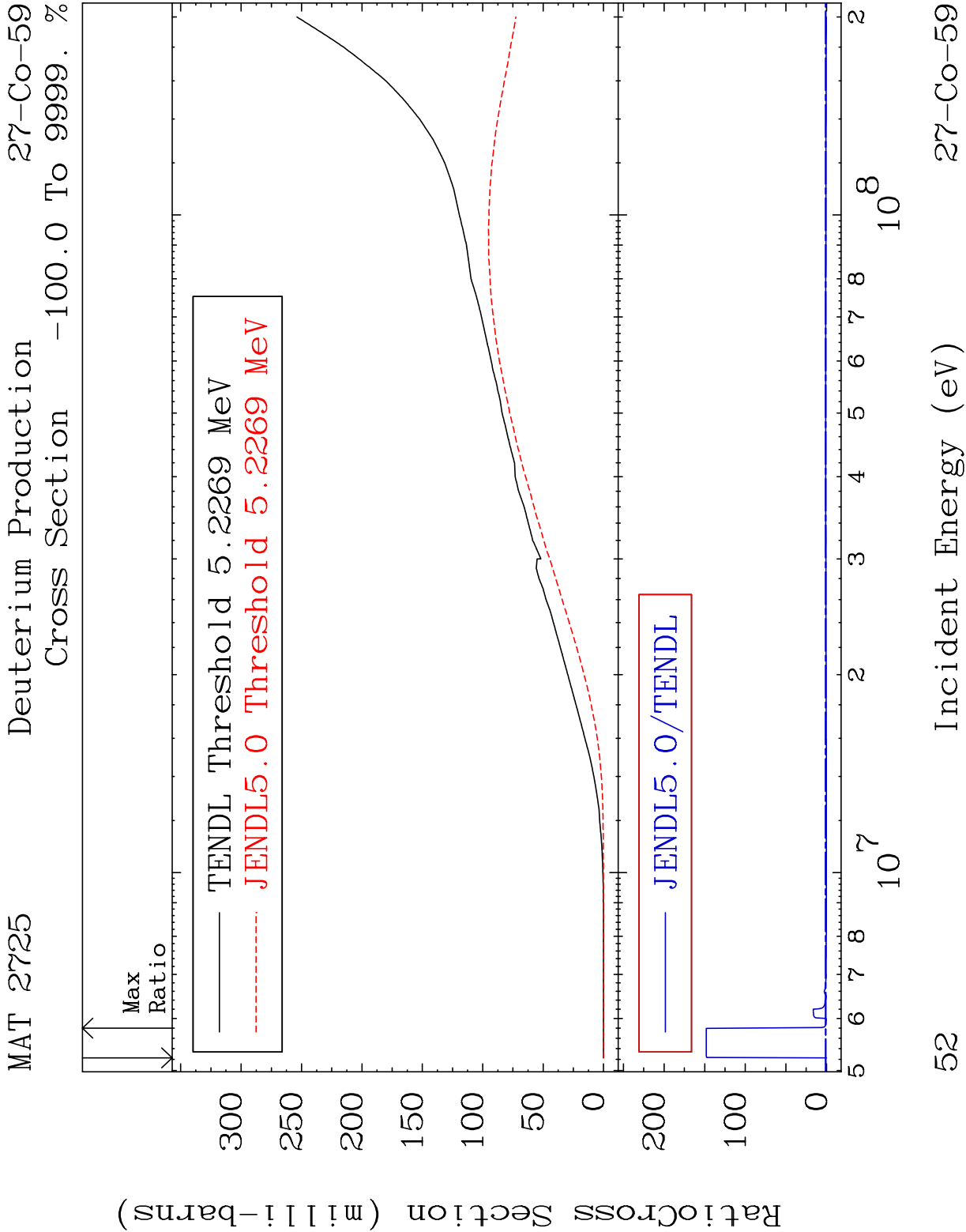


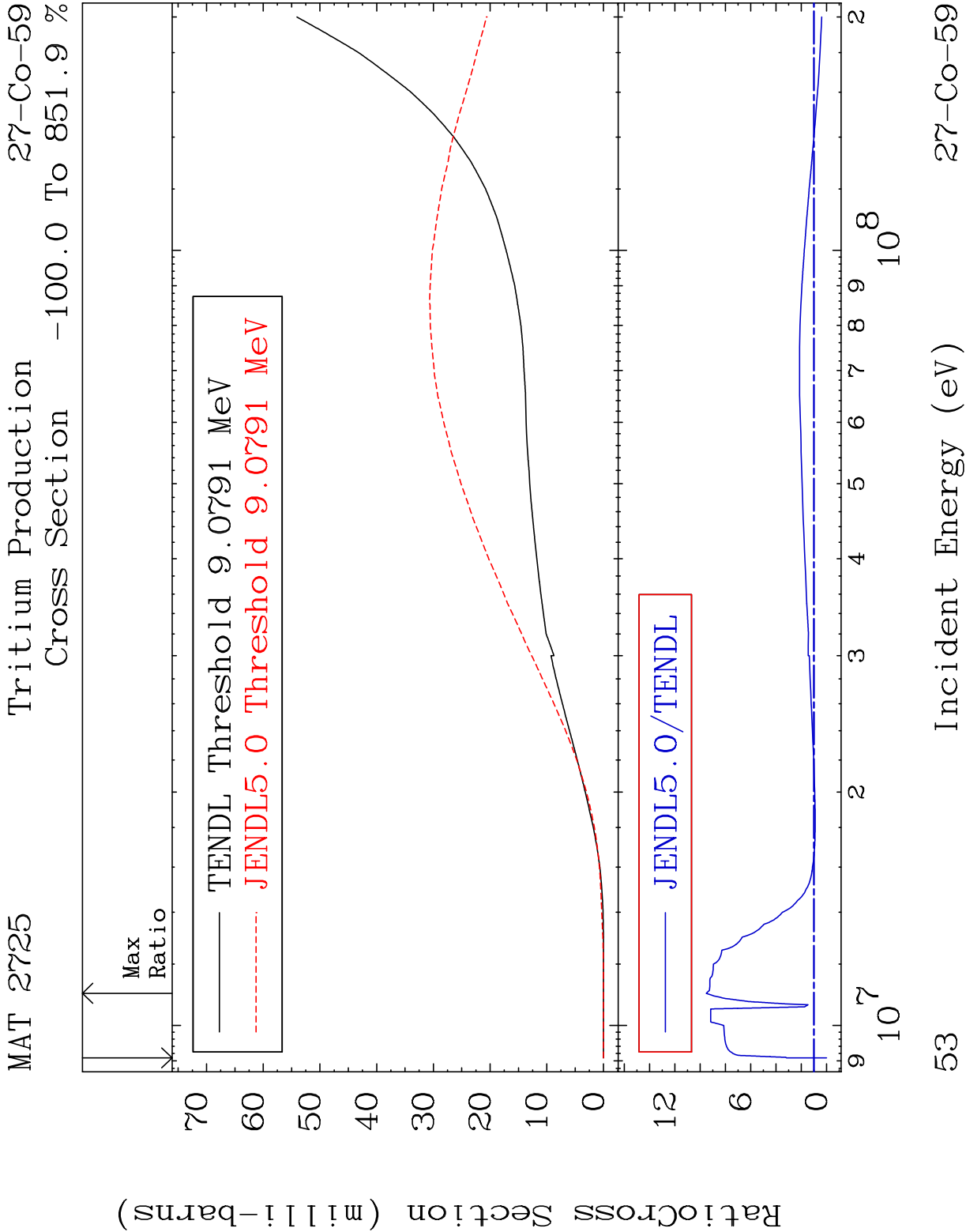
MAT 2725 Dpa disappearance (mt102 -120) 27-Co-59
 Cross Section -99.13 To 9999. %

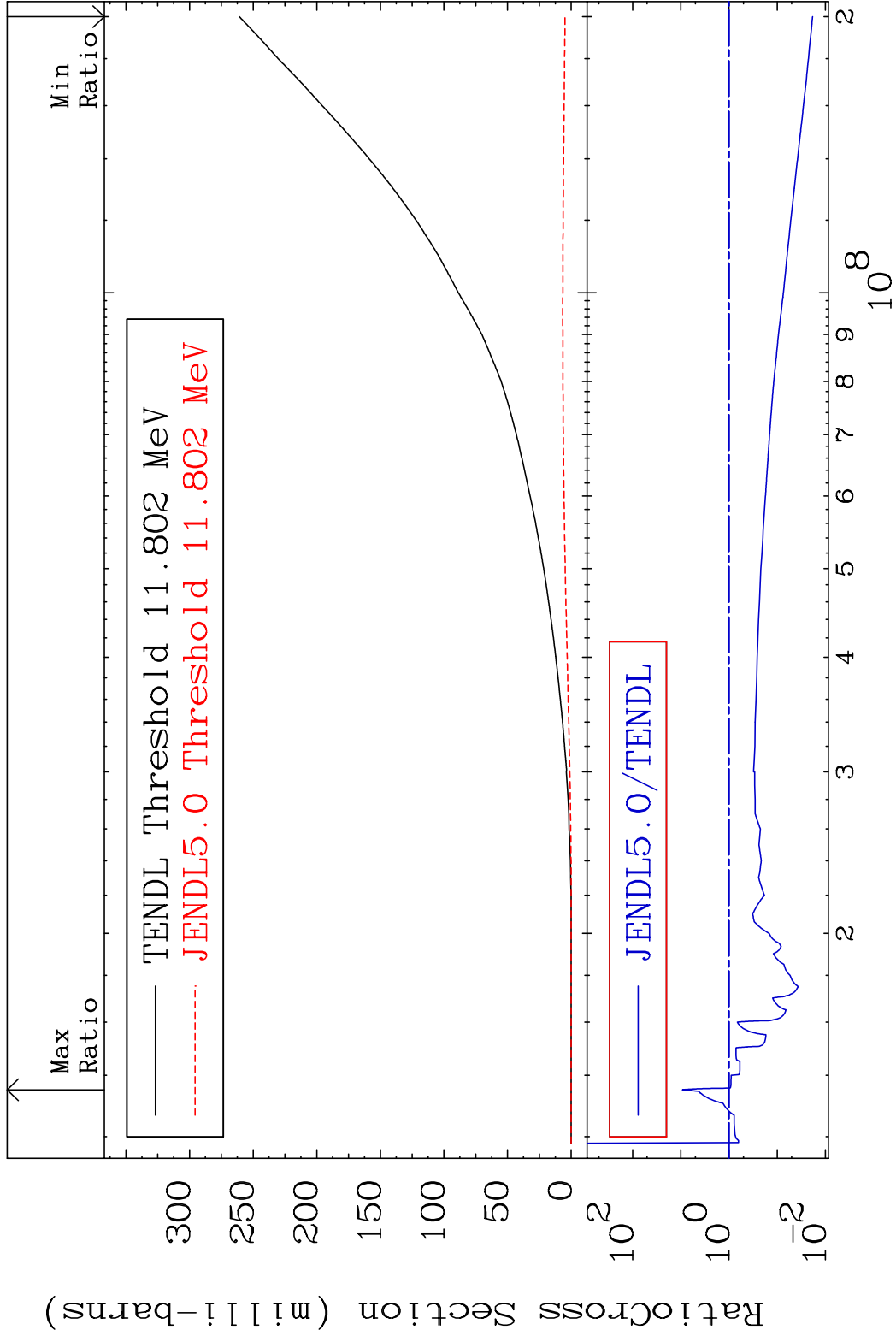


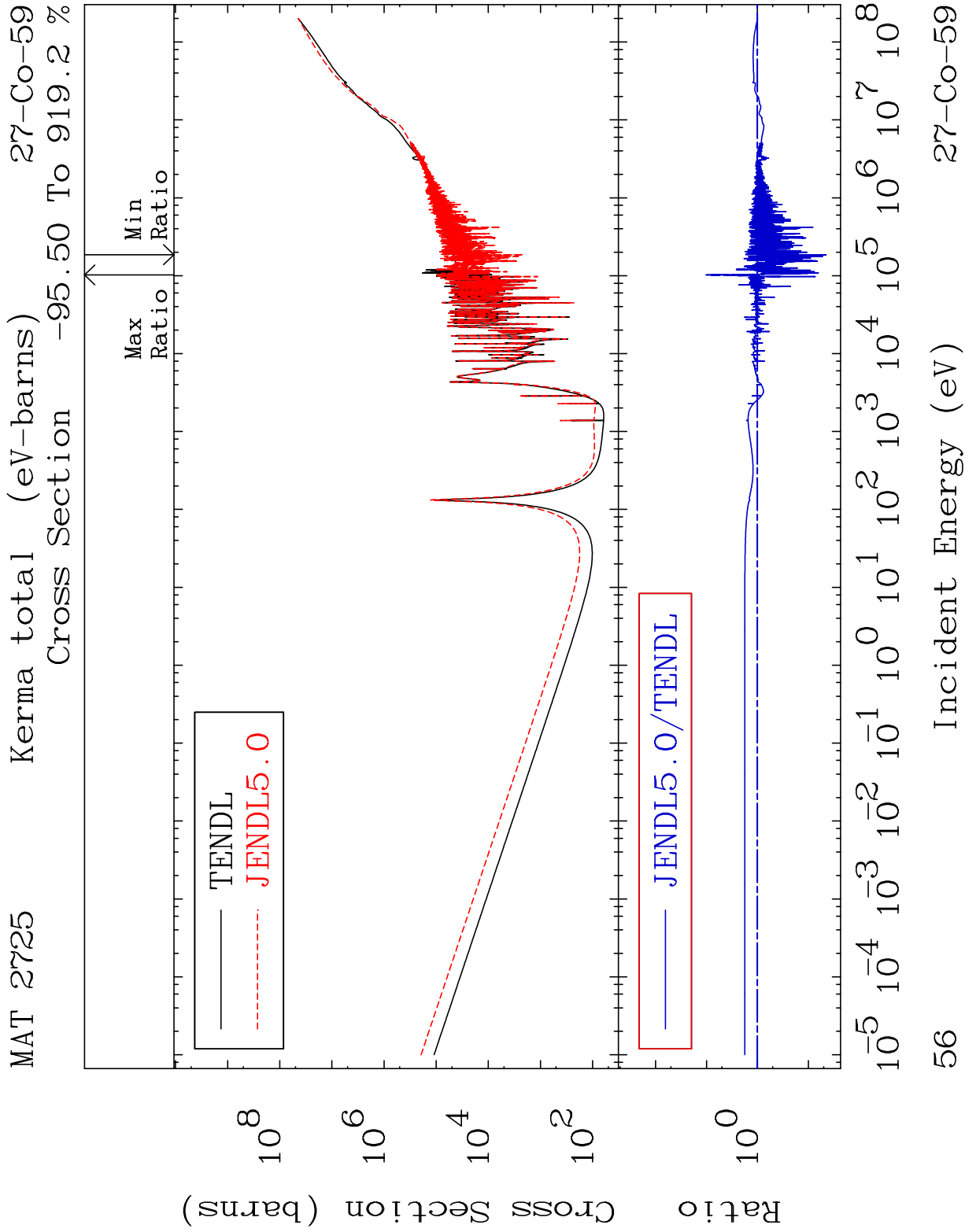


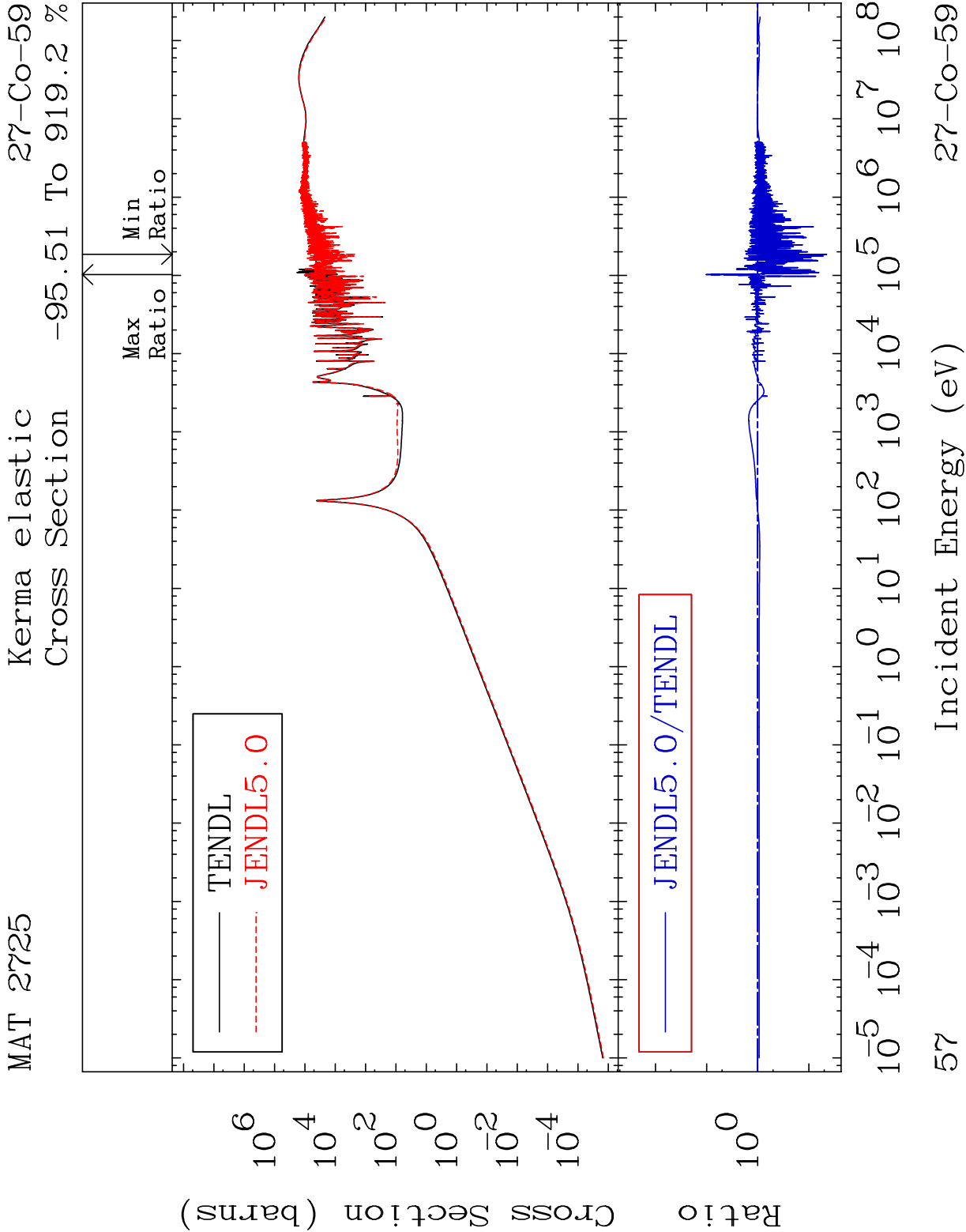


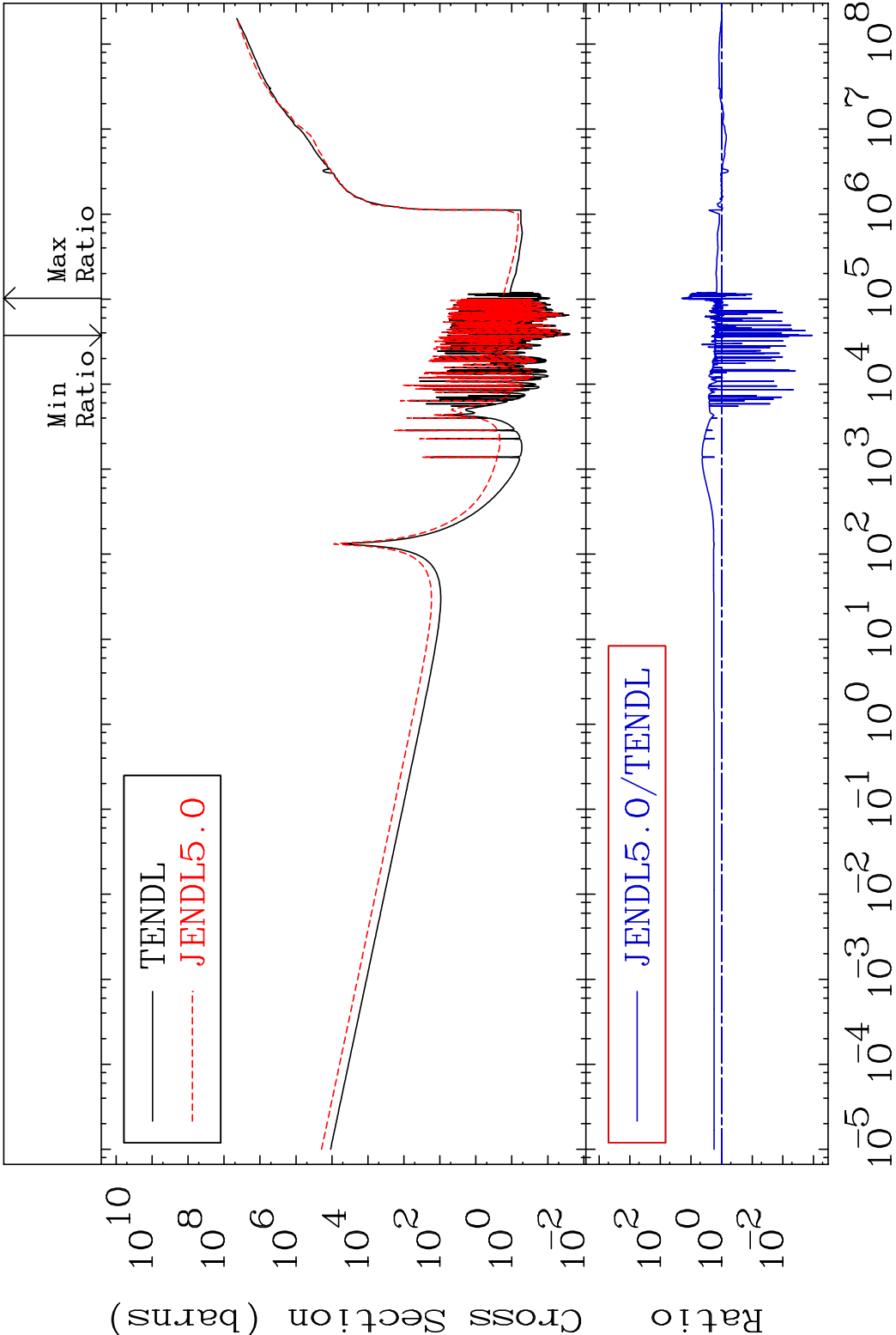


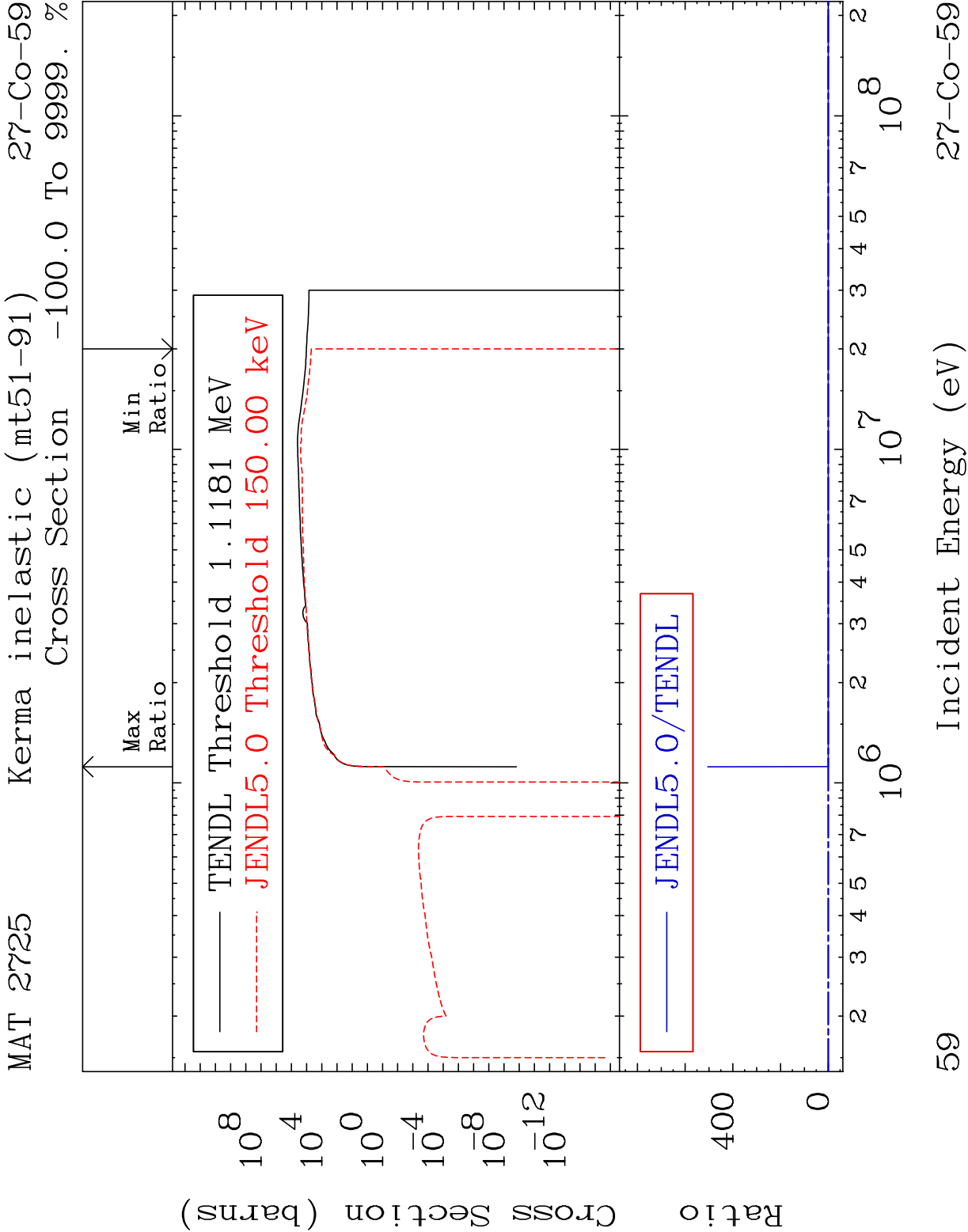






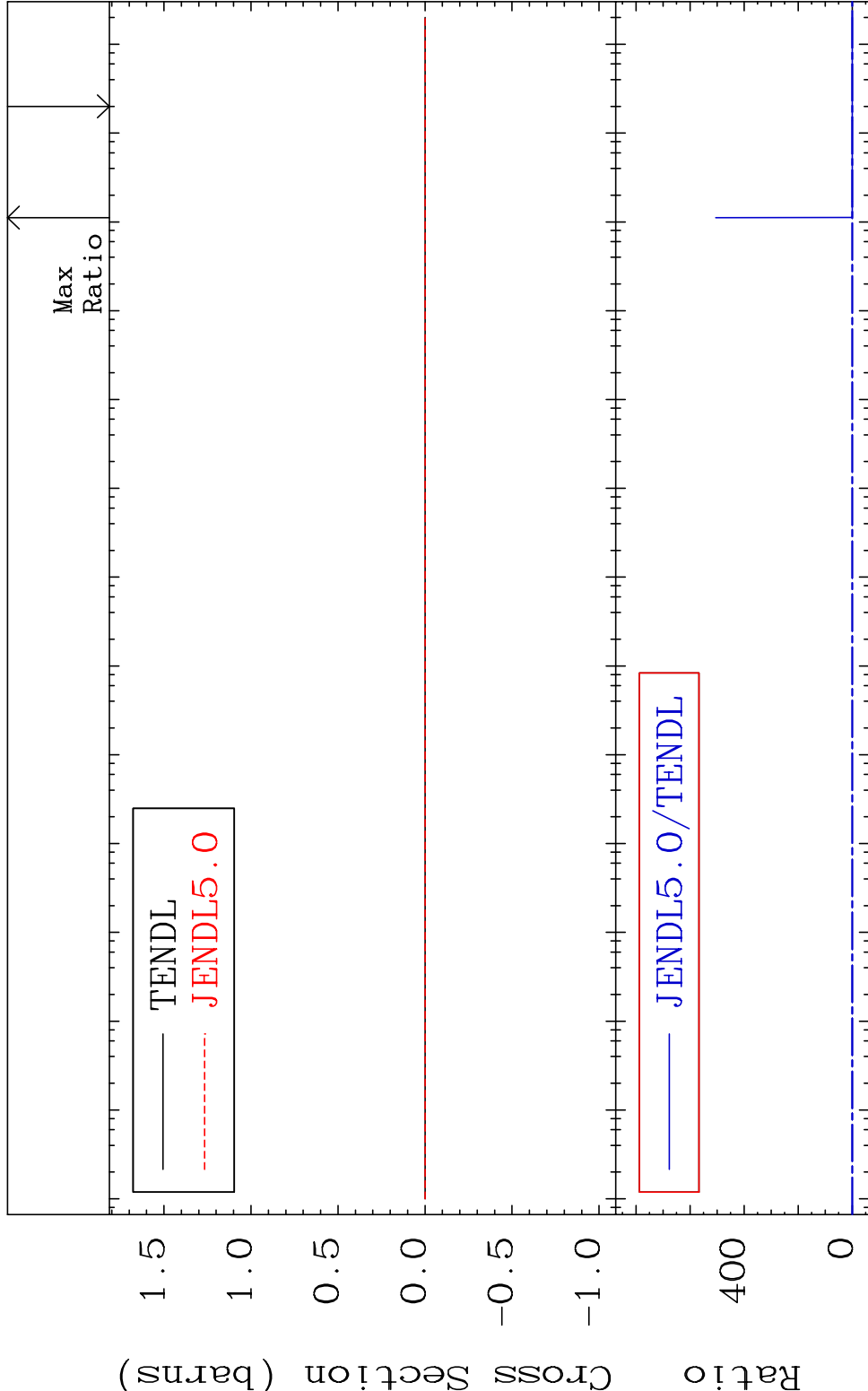




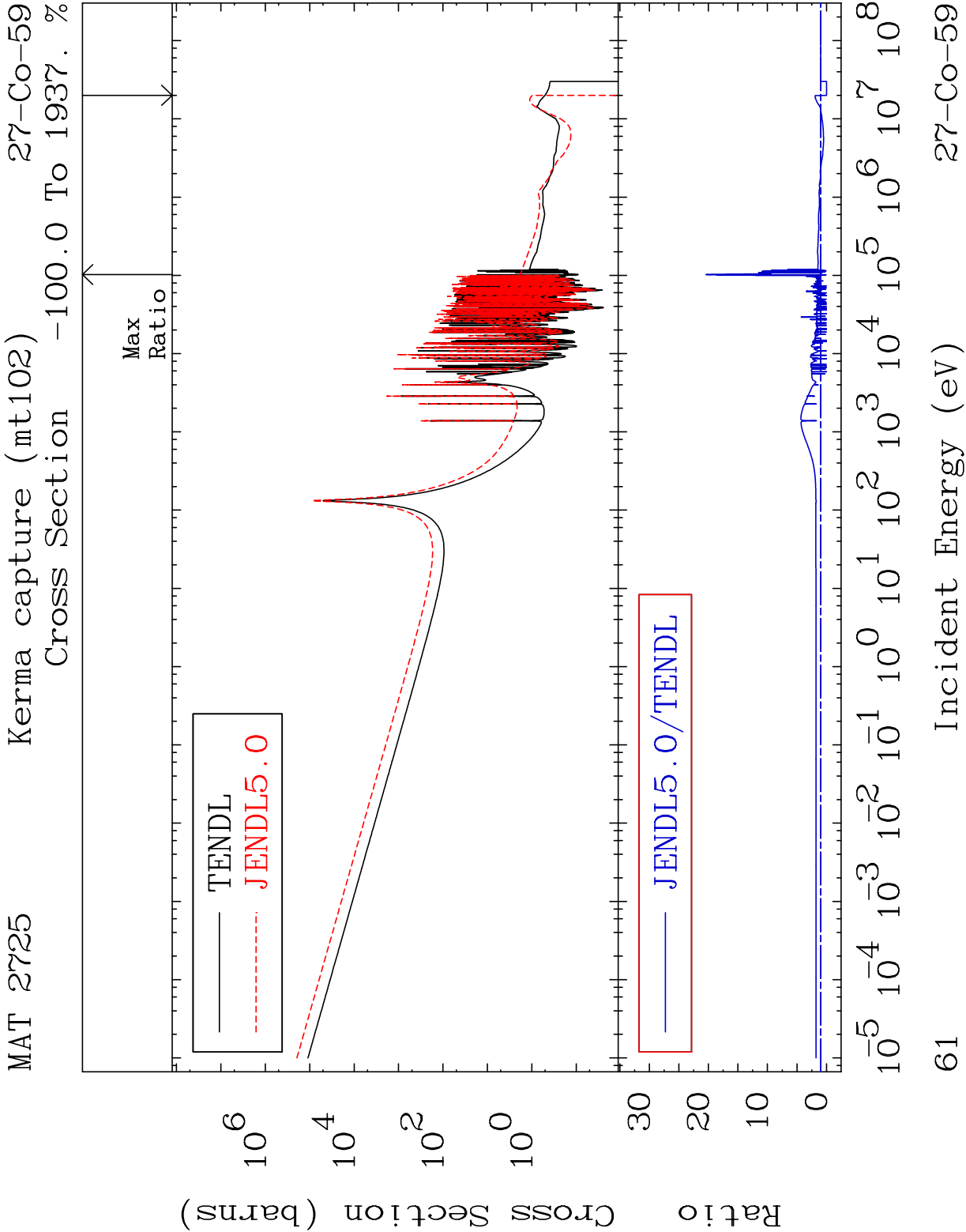


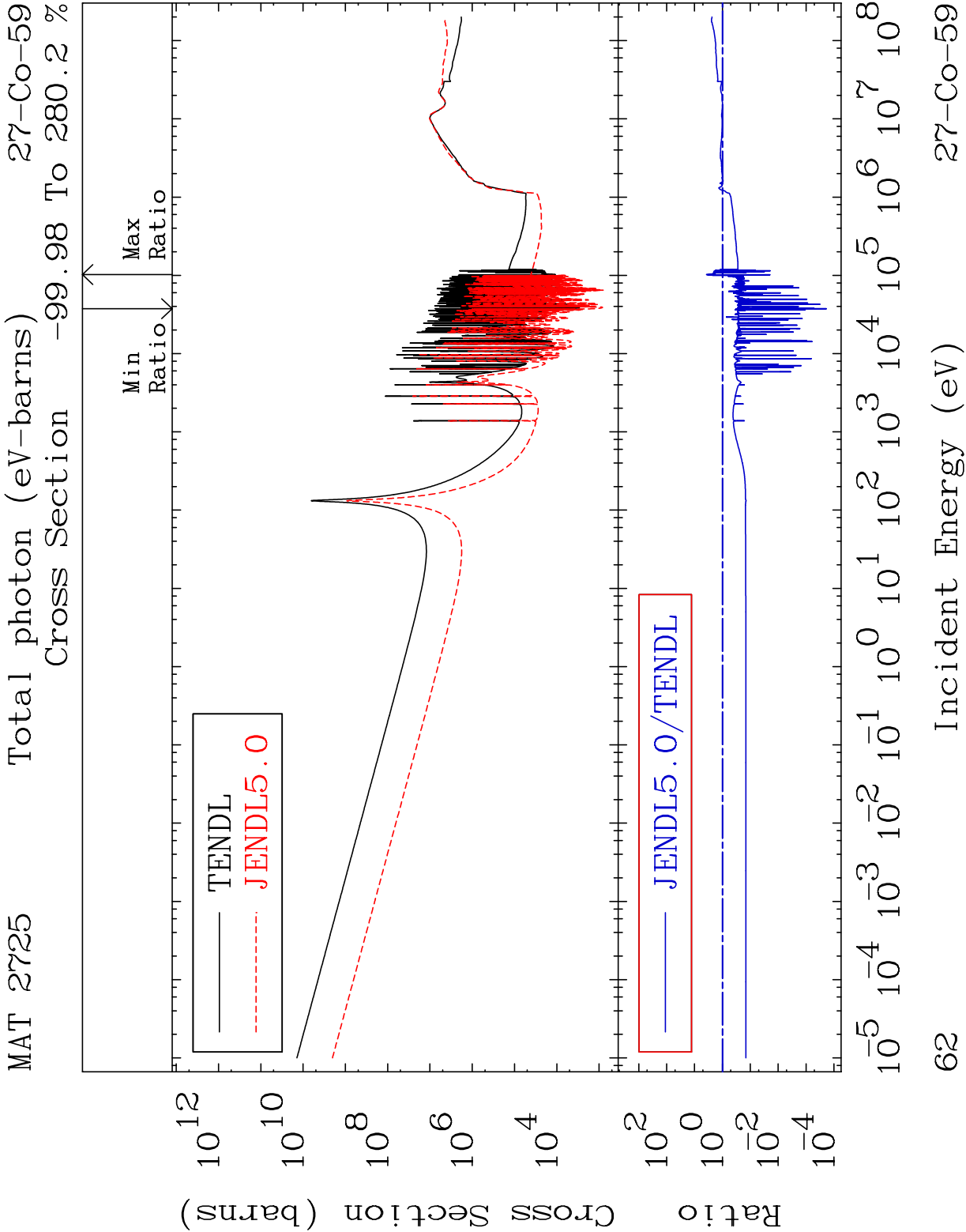
MAT 2725 Kerma fission (mt18 or mt19-20-21-38) 27-Co-59

Cross Section -100.0 To 9999. %

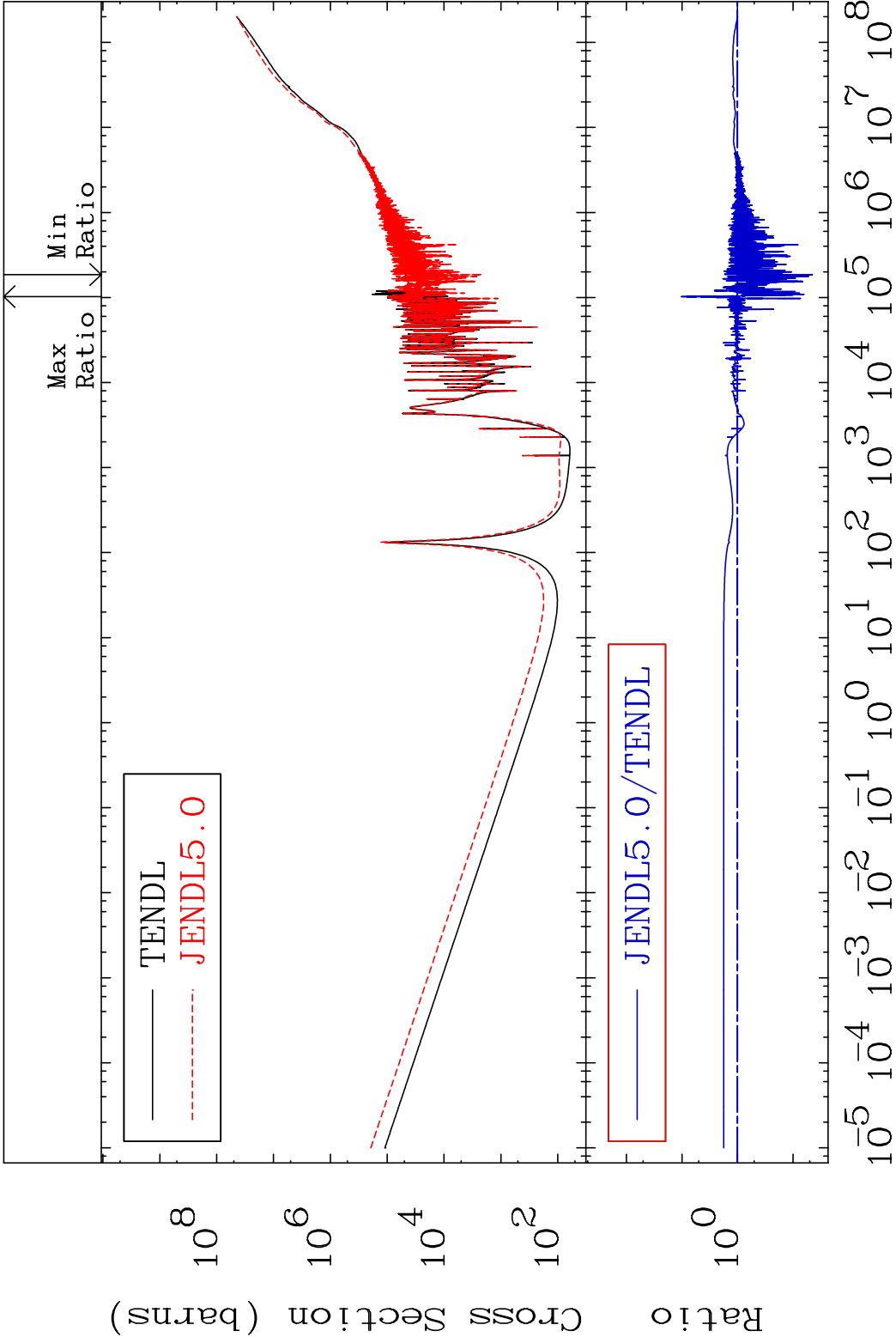


60 Incident Energy (eV) 27-Co-59



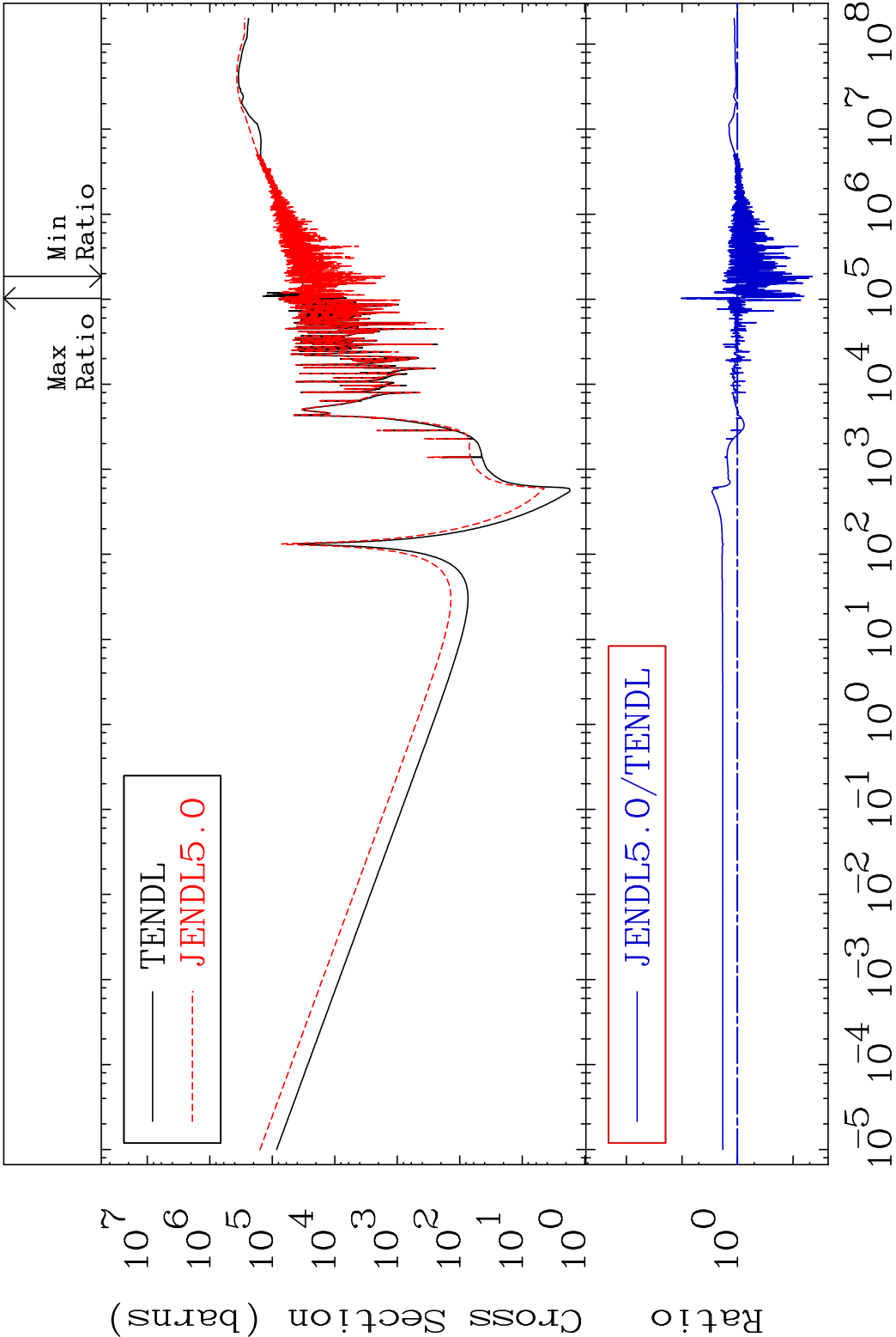


MAT 2725 Total kinematic kerma (high limit) 27-Co-59
Cross Section -95.50 To 919.2 %



63 Incident Energy (eV) 27-Co-59

MAT 2725 Dpa total (eV-barns) 27-Co-59
 Cross Section -95.50 To 919.1 %

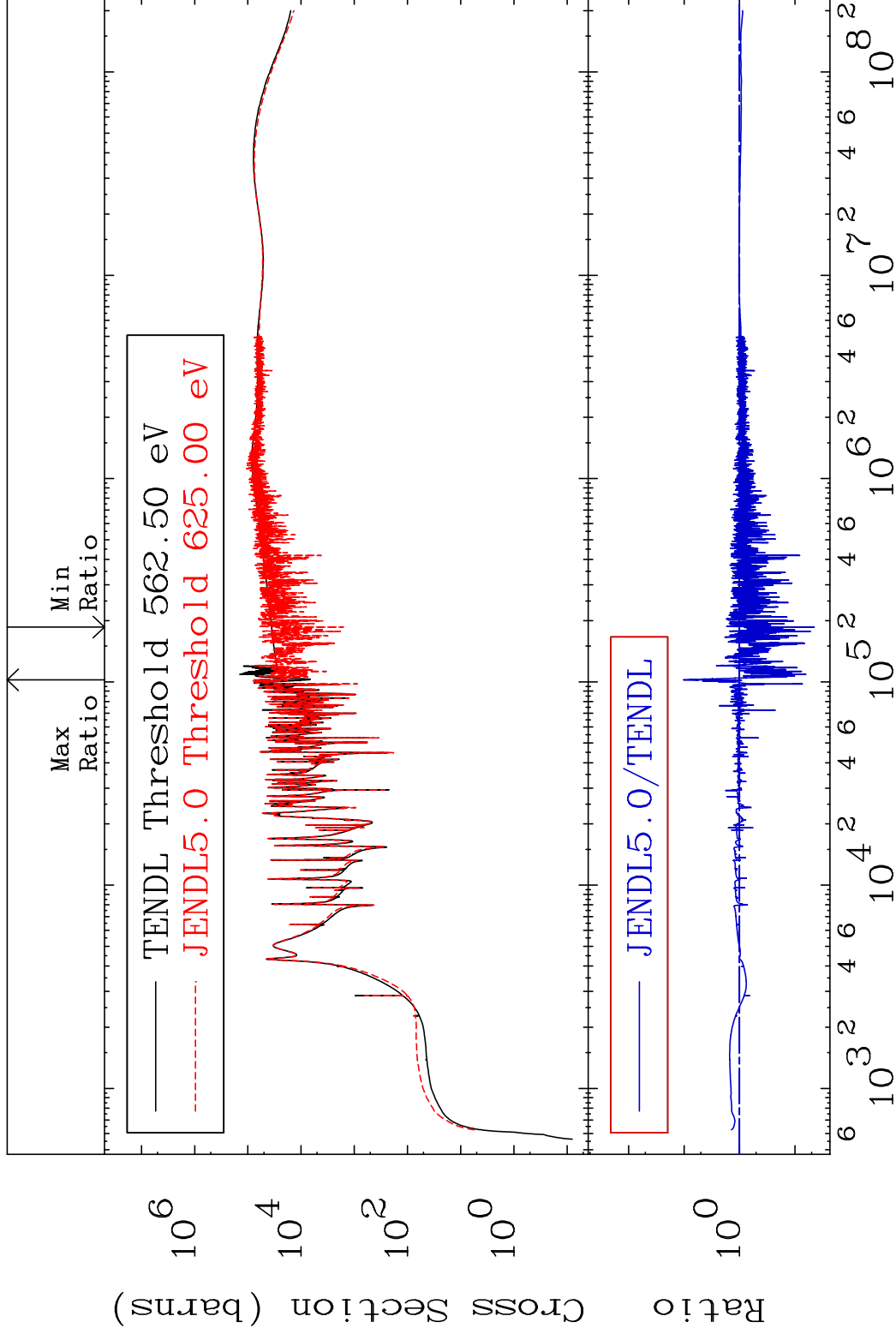


MAT 2725

Dpa elastic (mt2)

27-Co-59

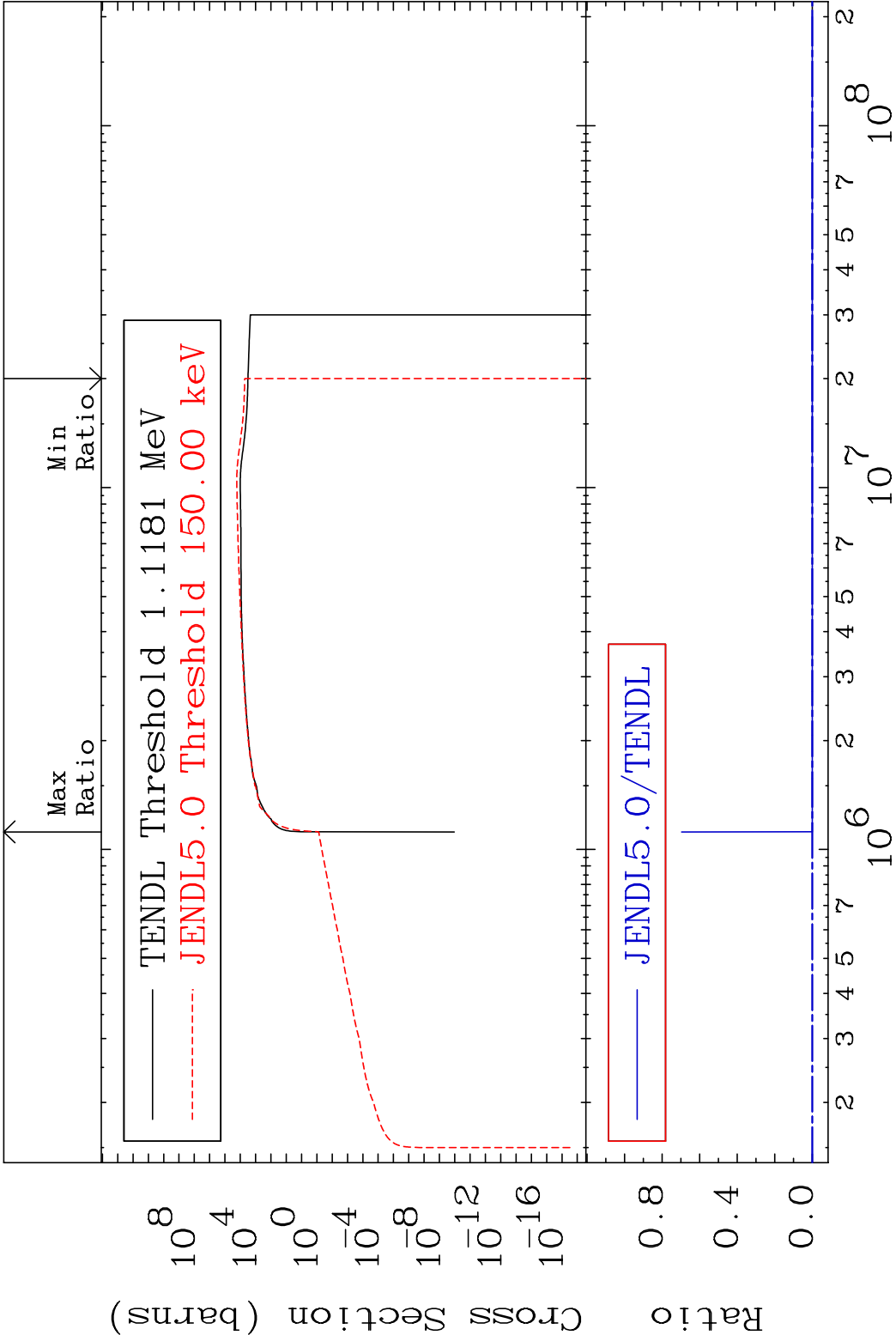
Cross Section -95.51 To 919.1 %



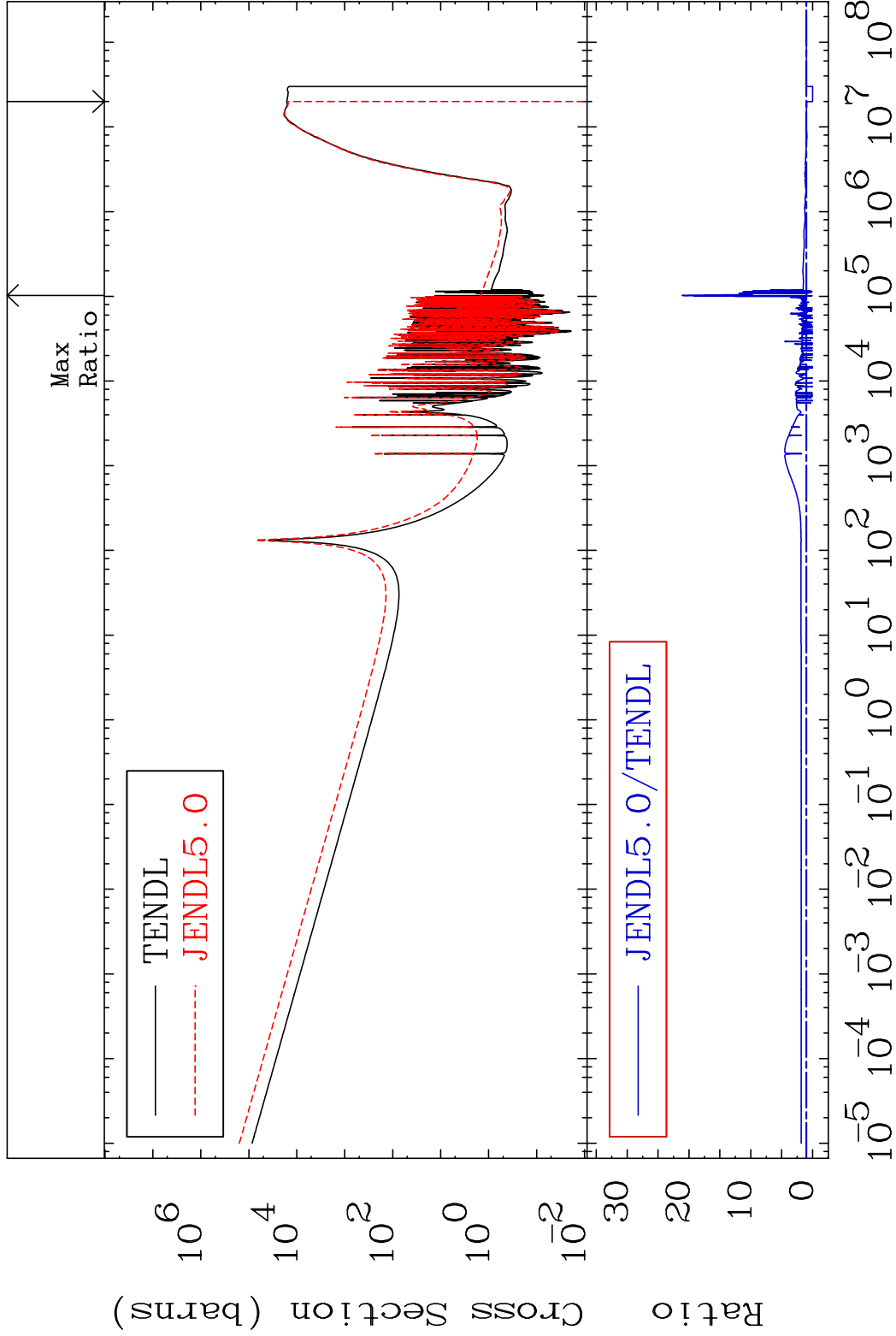
59

Incident Energy (eV)

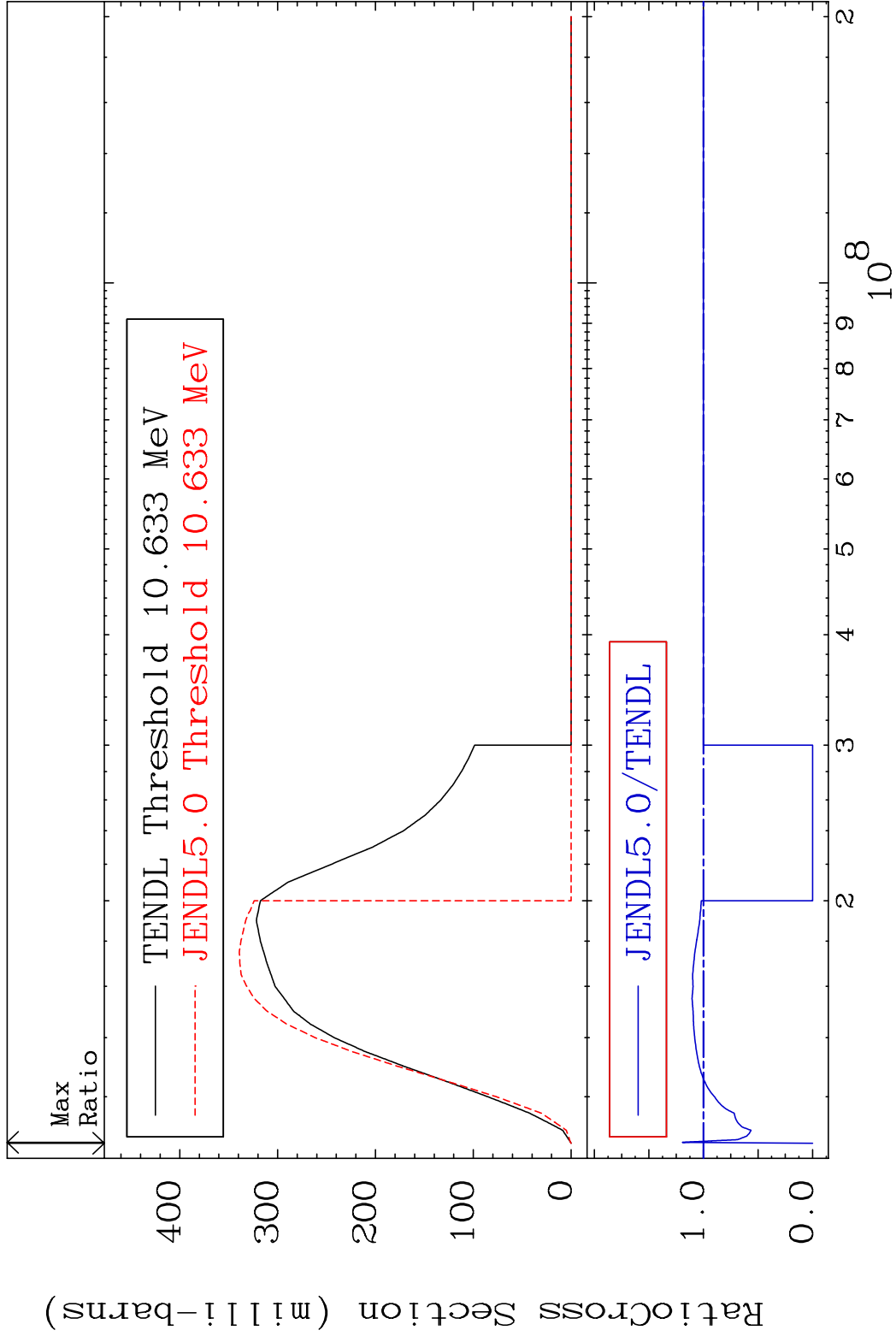
27-CO-59

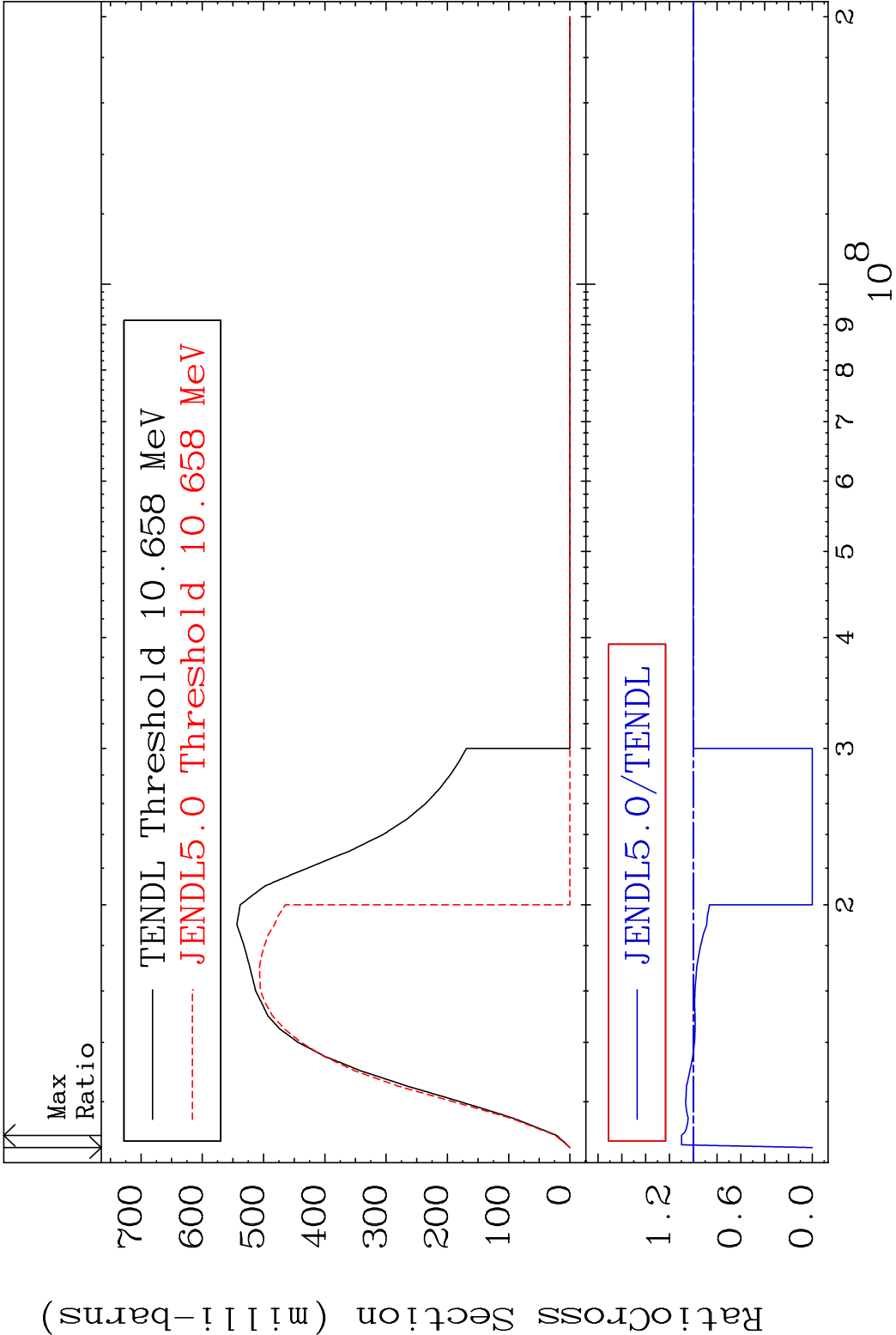


MAT 2725 Dpa disappearance (mt102 -120) 27-Co-59
Cross Section -100.0 To 2007. %



67 Incident Energy (eV) 27-Co-59





Radionuclide Production Cross Section (micro-barns)

