

Program Complot
(Version 2021-1)

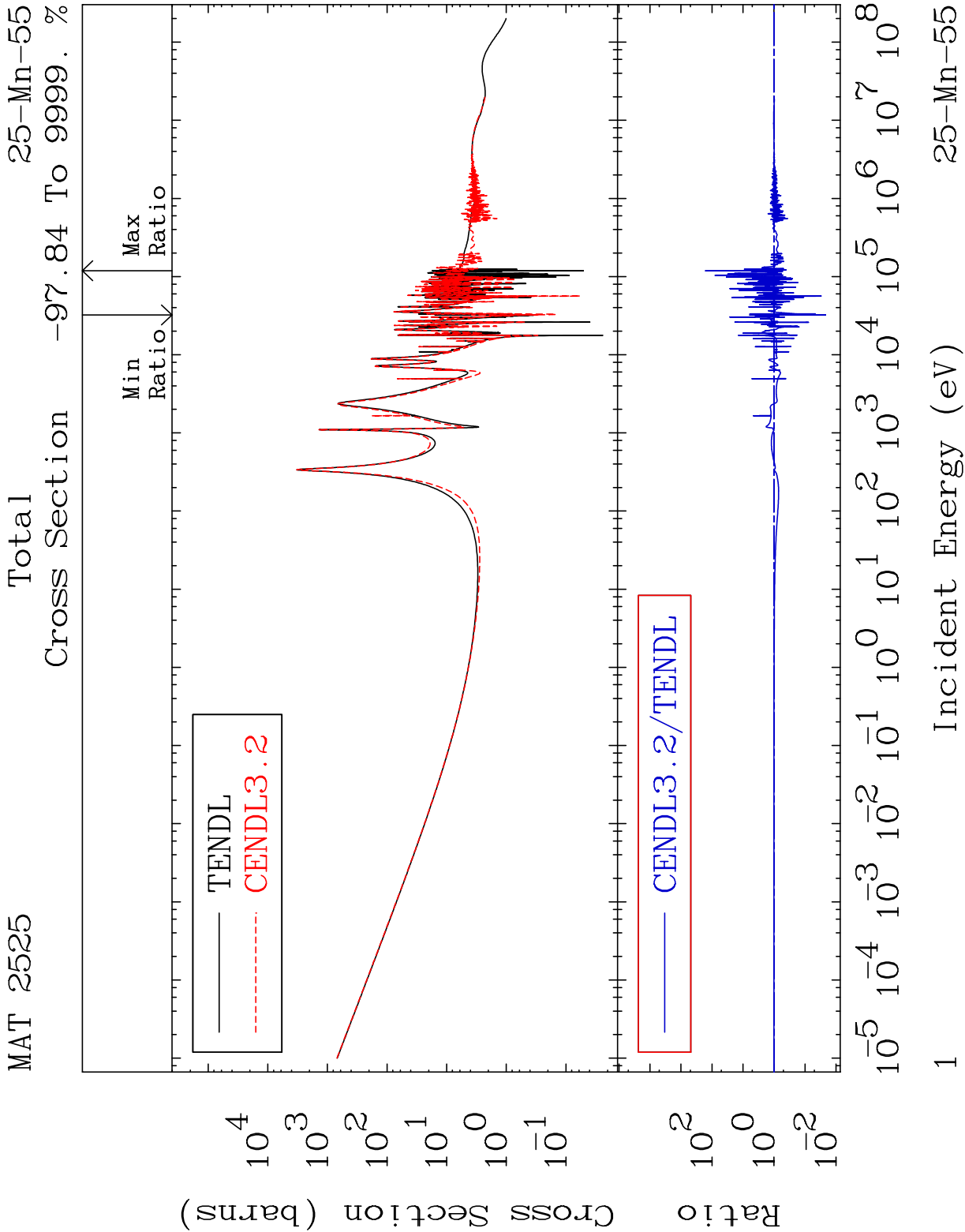
by

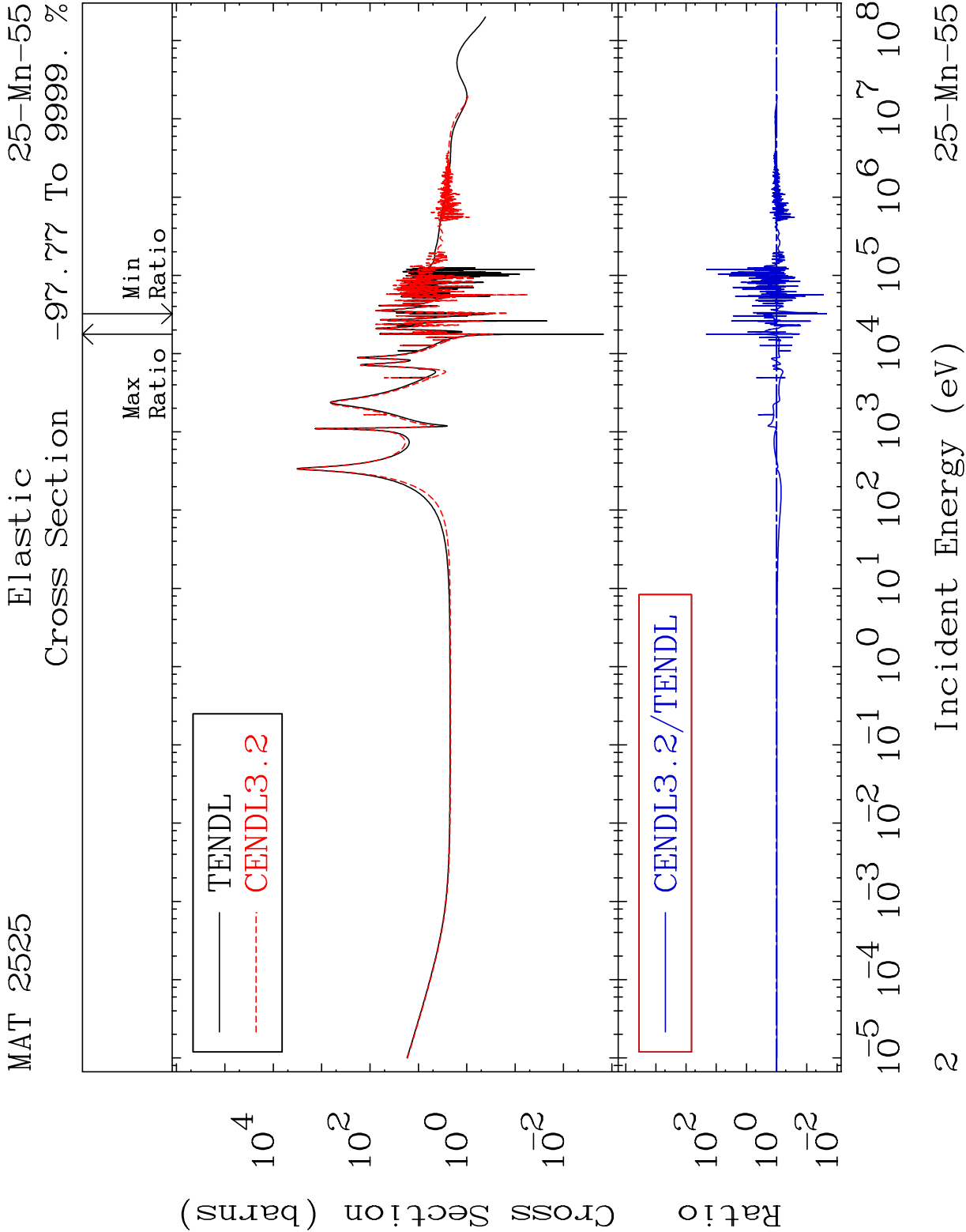
Dermott E. Cullen
(Present Contact Information)

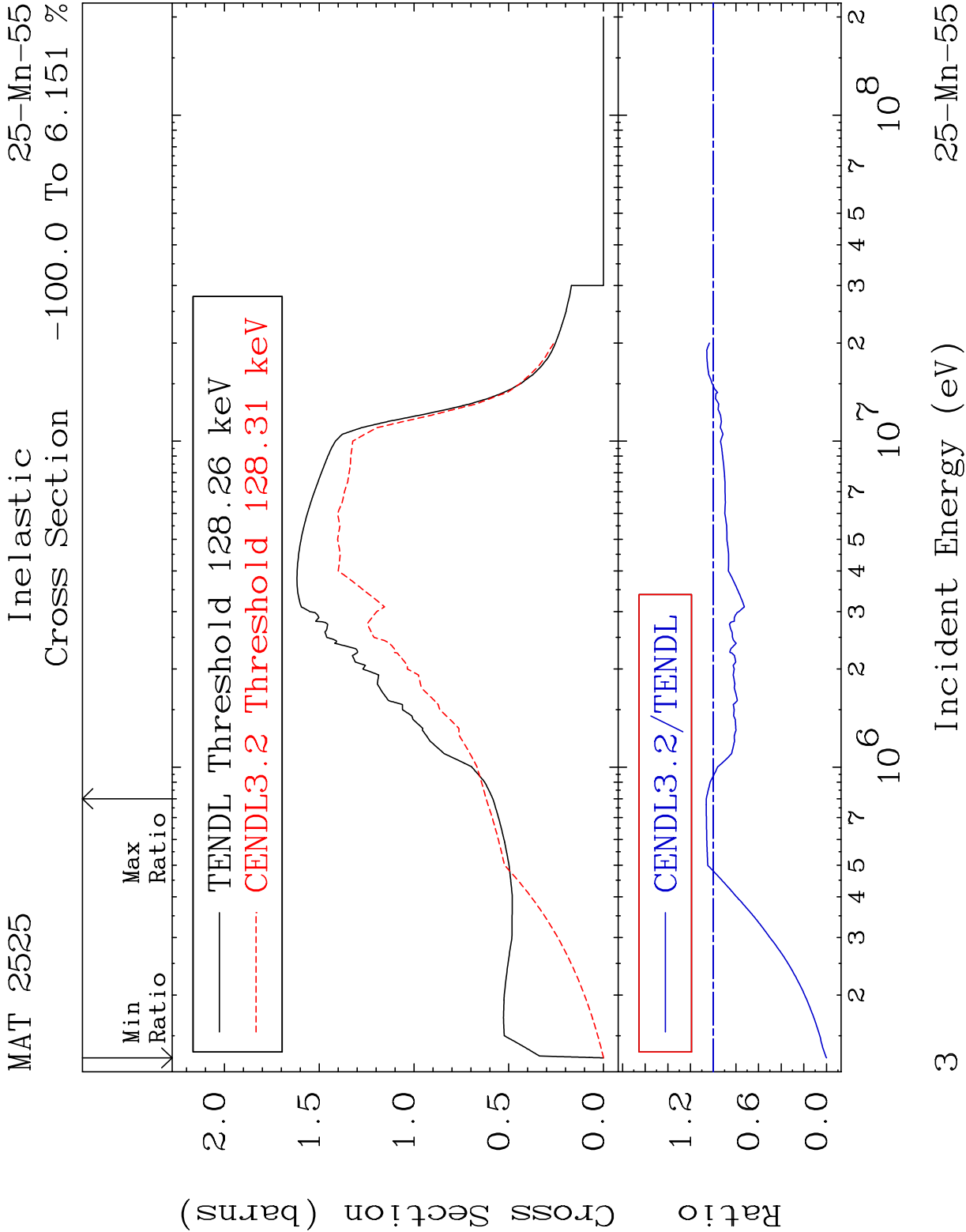
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

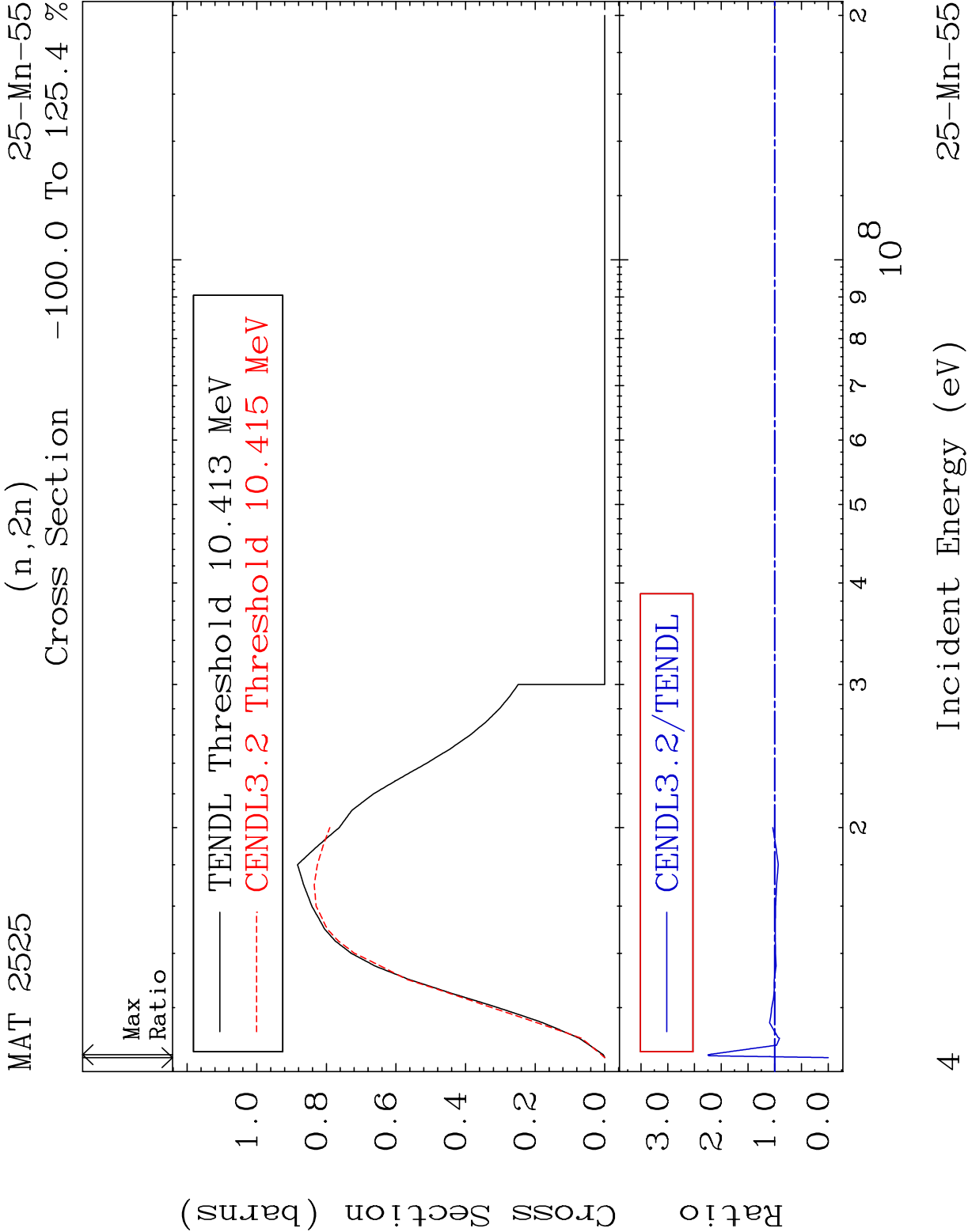
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

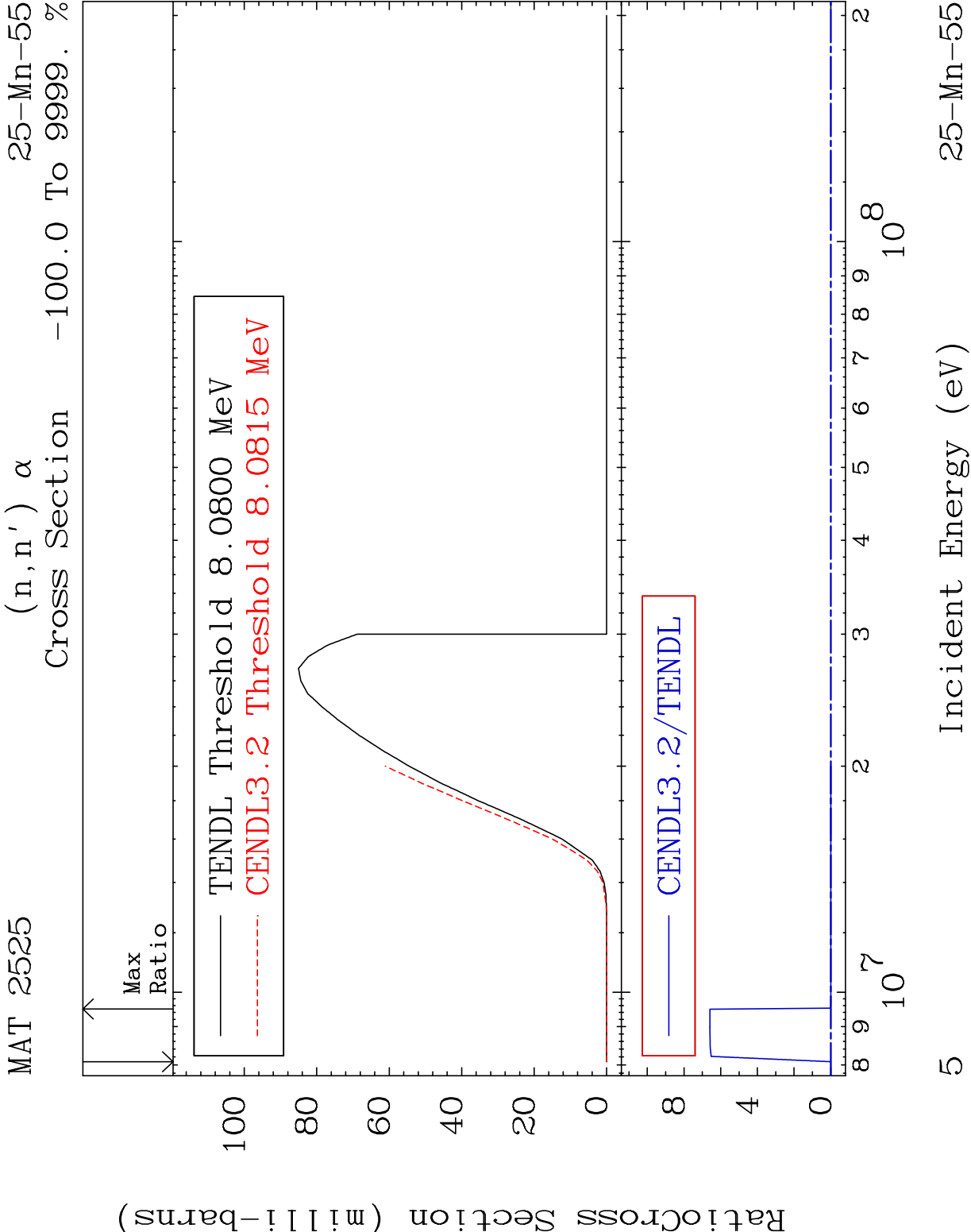
Press Mouse Button to Start

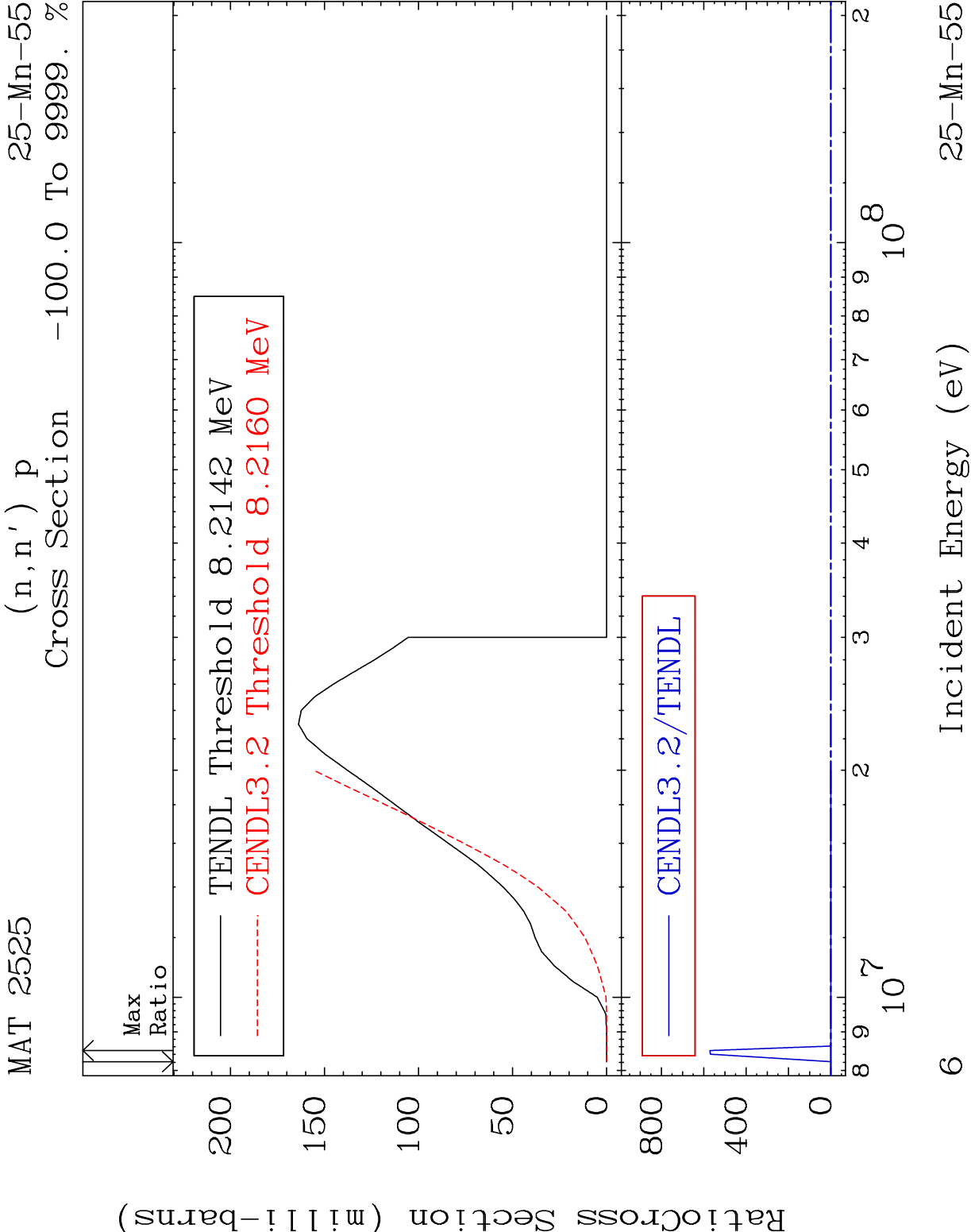


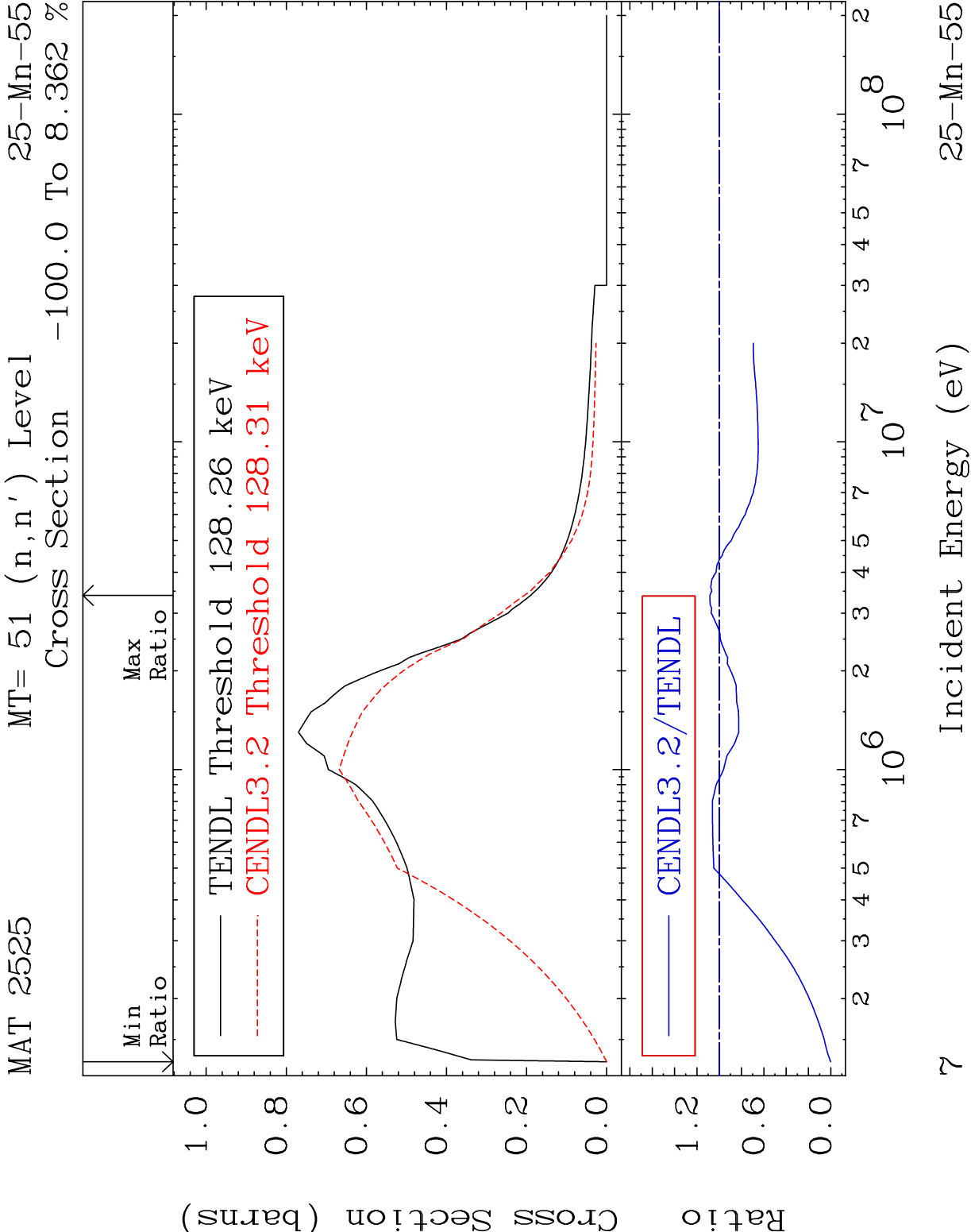


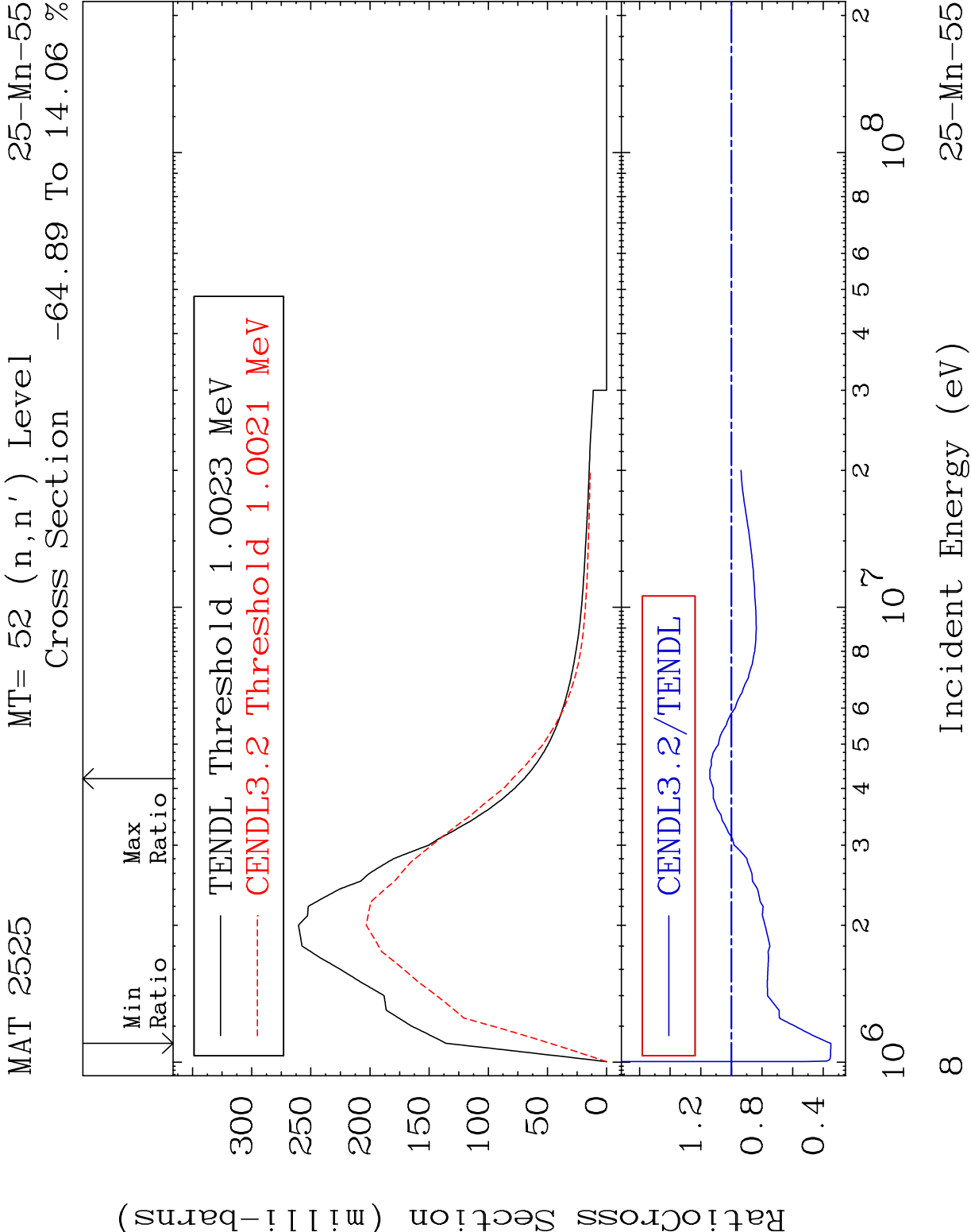


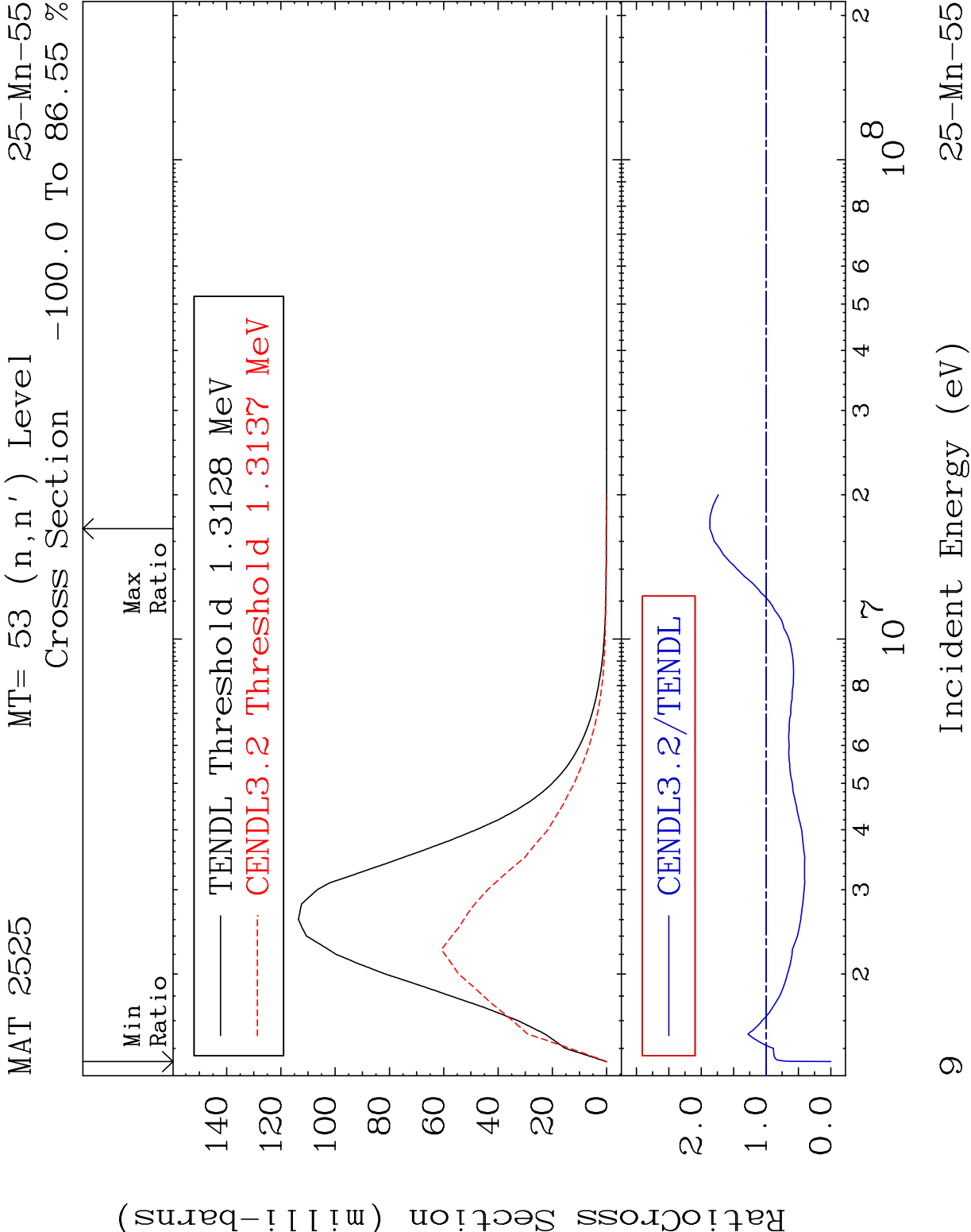


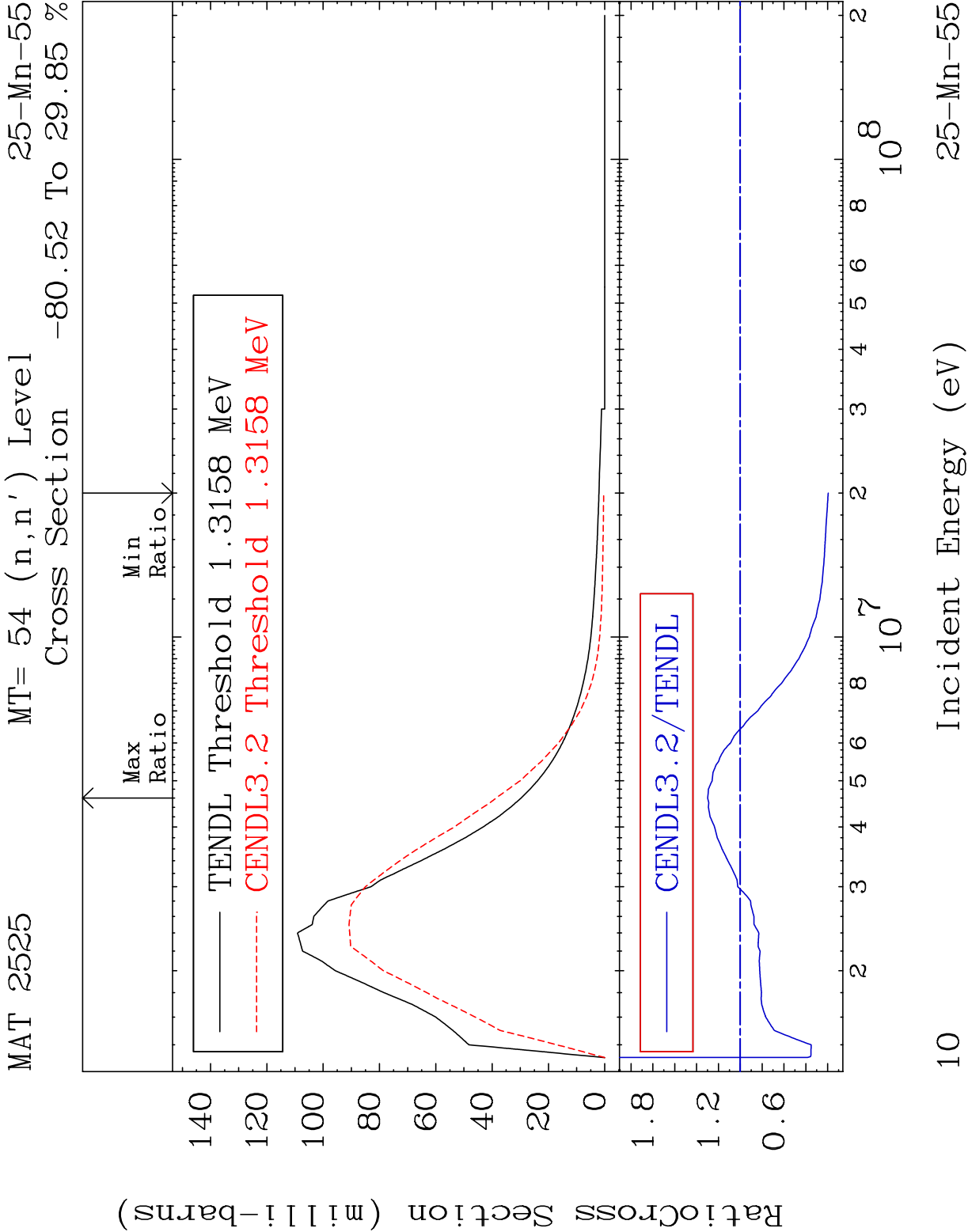












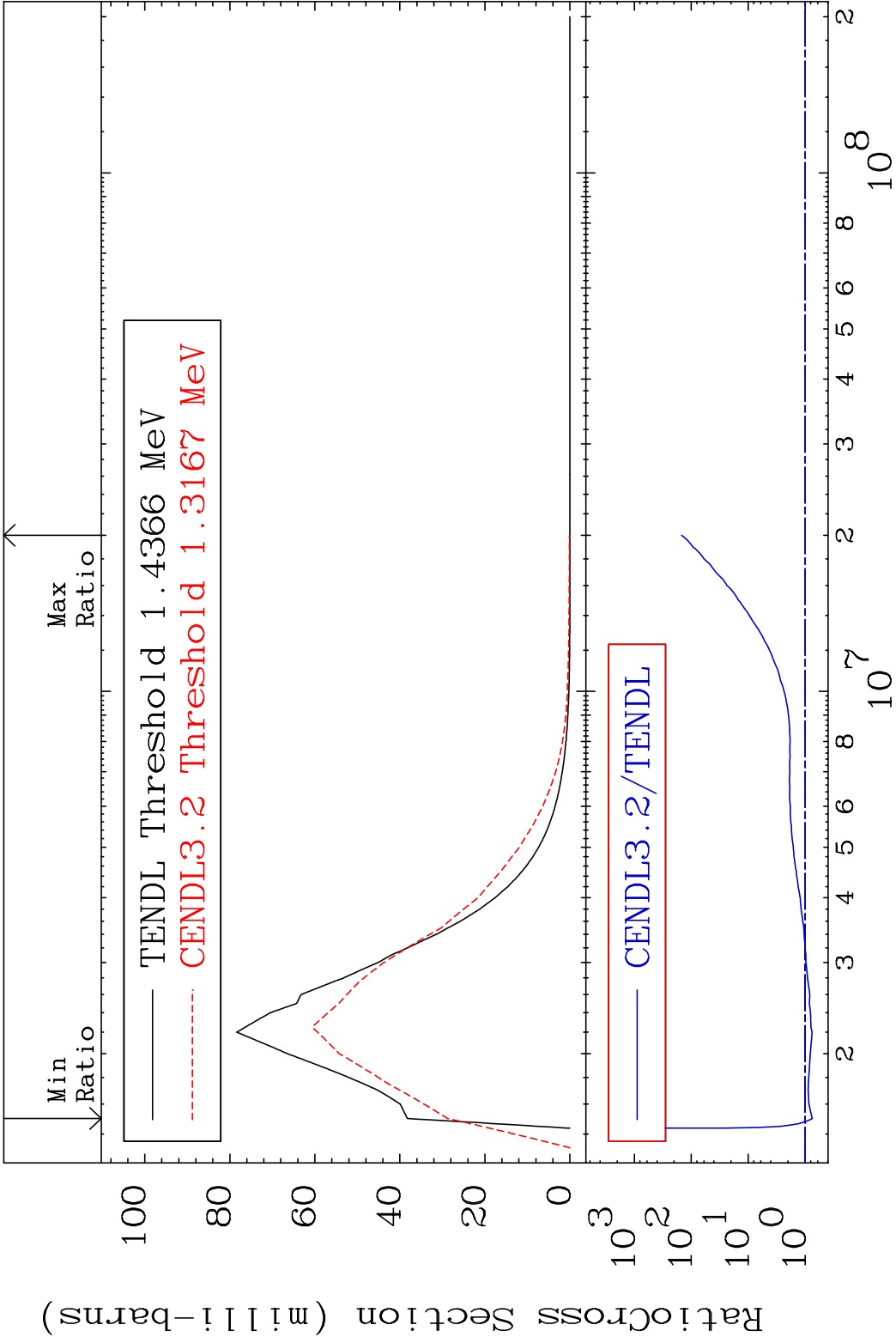
MAT 2525

MT= 55 (n,n') Level

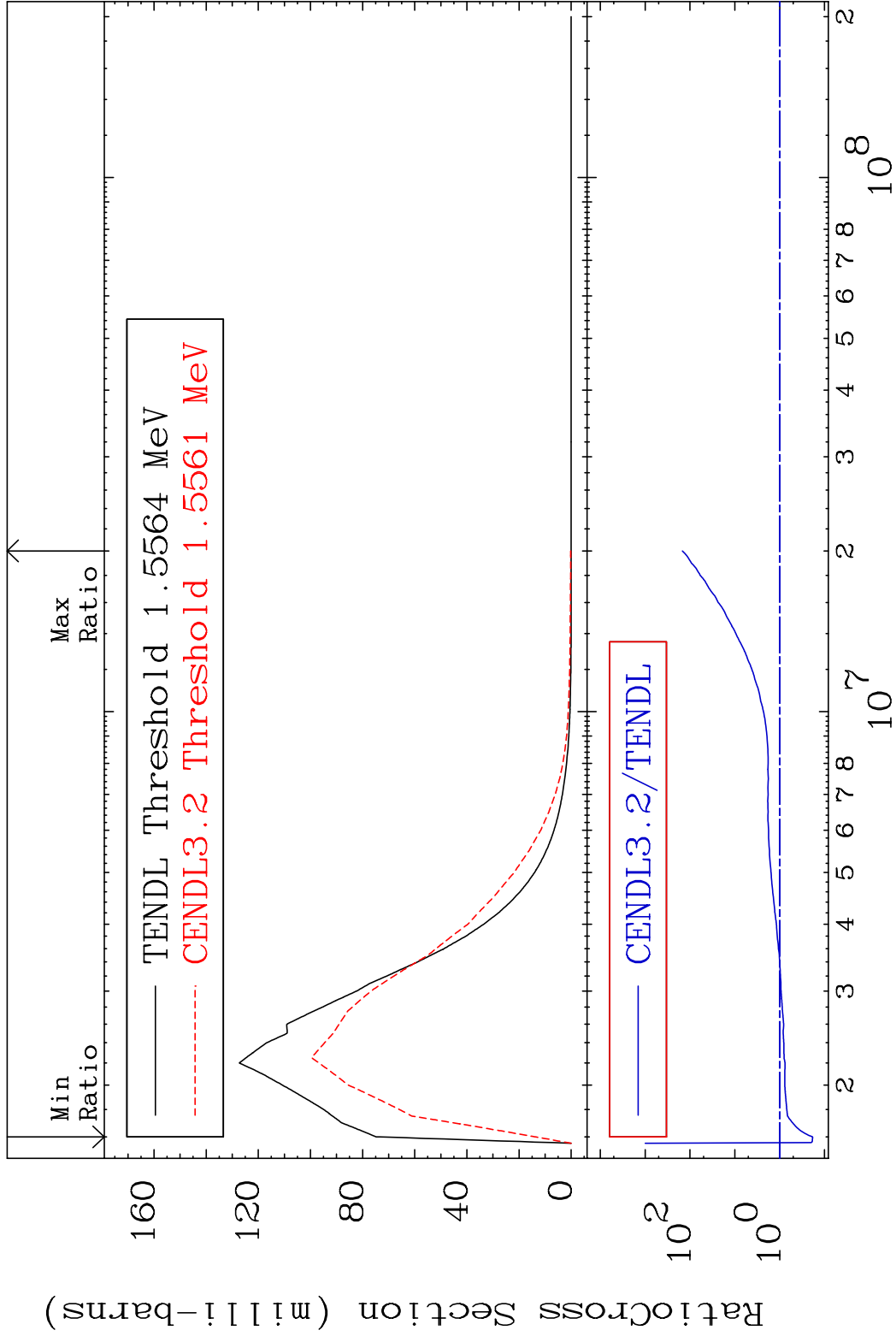
25-Mn-55

Cross Section

-24.72 To 9999. %

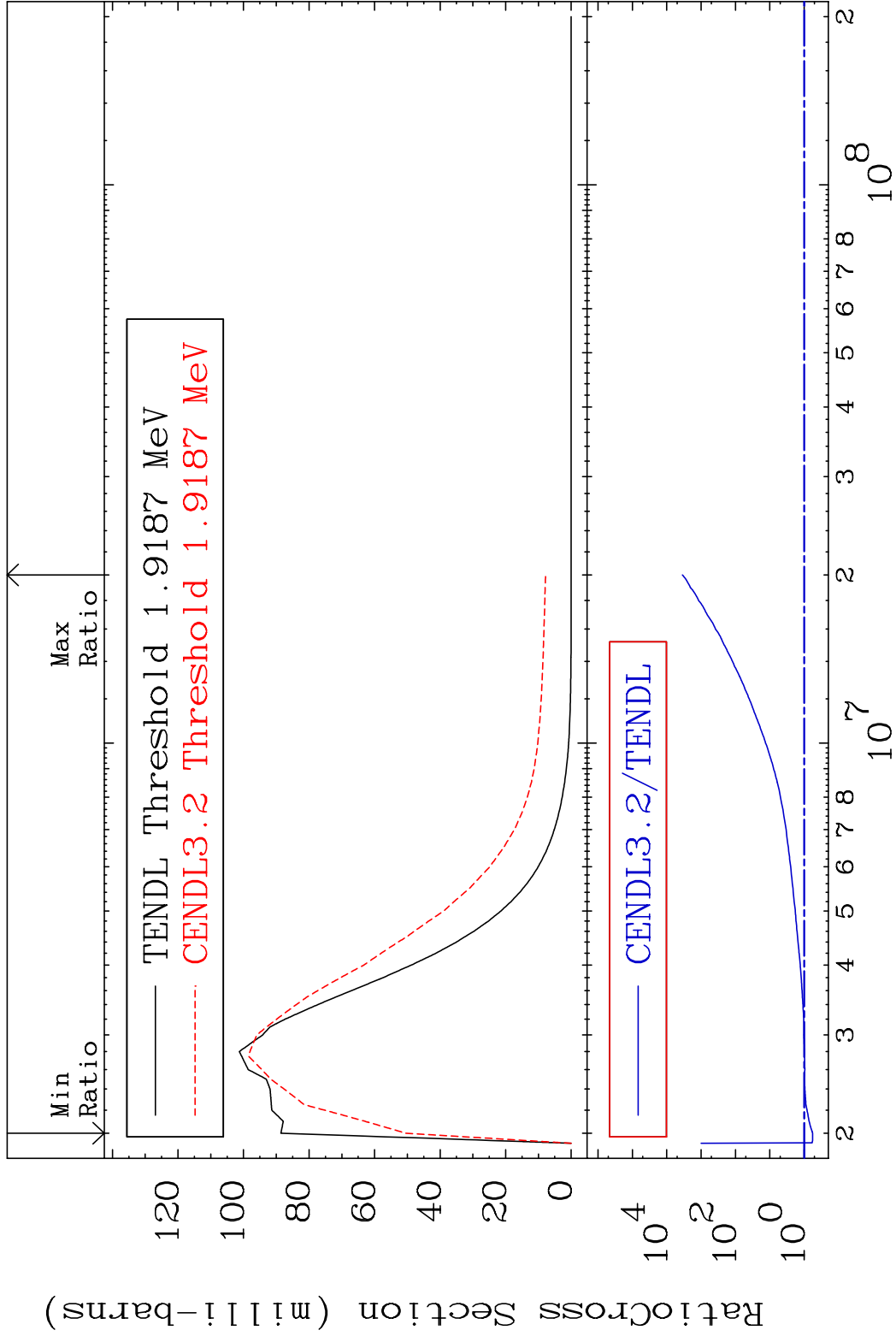


MAT 2525 MT= 56 (n,n') Level 25-Mn-55
Cross Section -81.52 To 9999. %



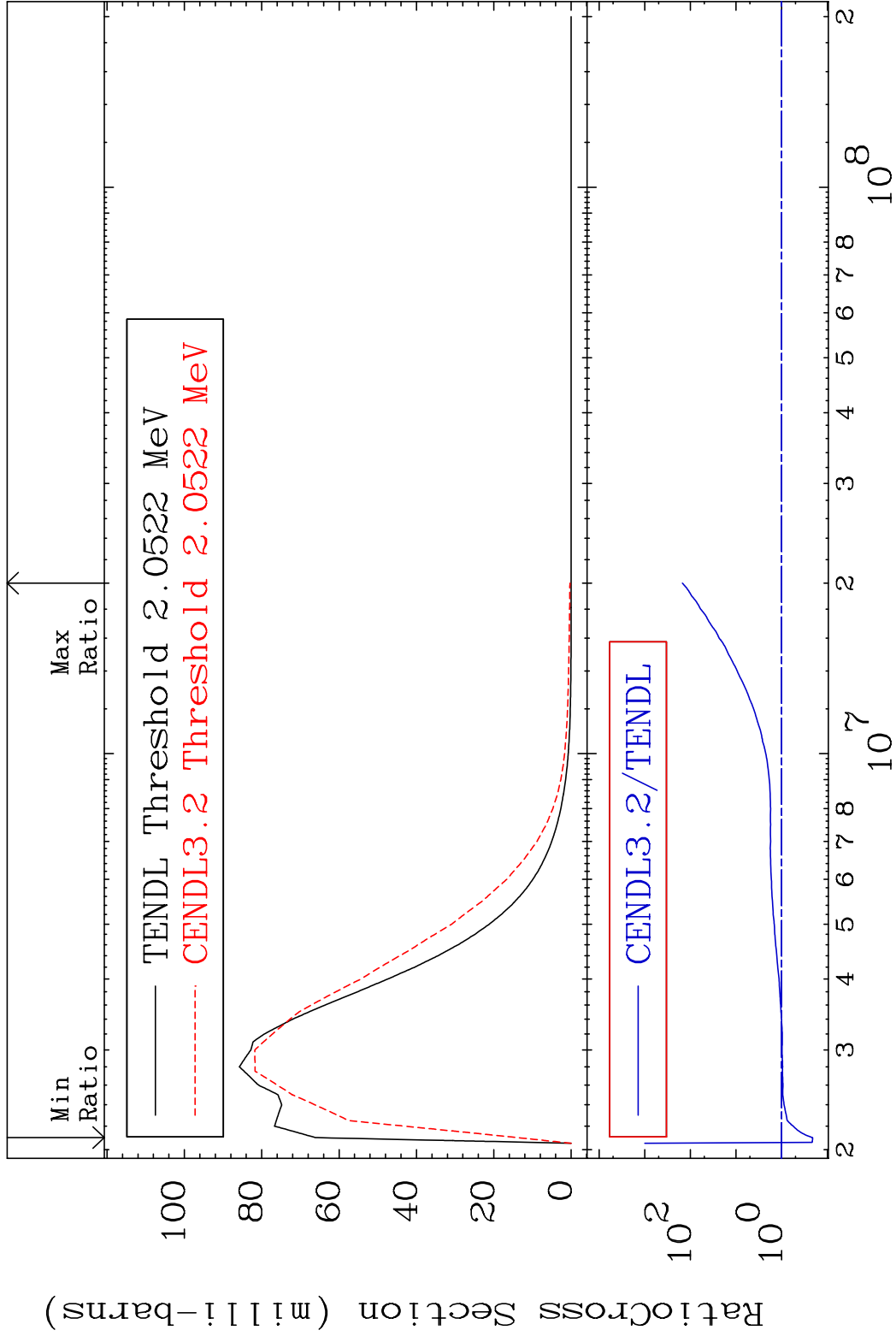
12 Incident Energy (eV) 25-Mn-55

MAT 2525 MT= 57 (n,n') Level 25-Mn-55
Cross Section -43.04 To 9999. %

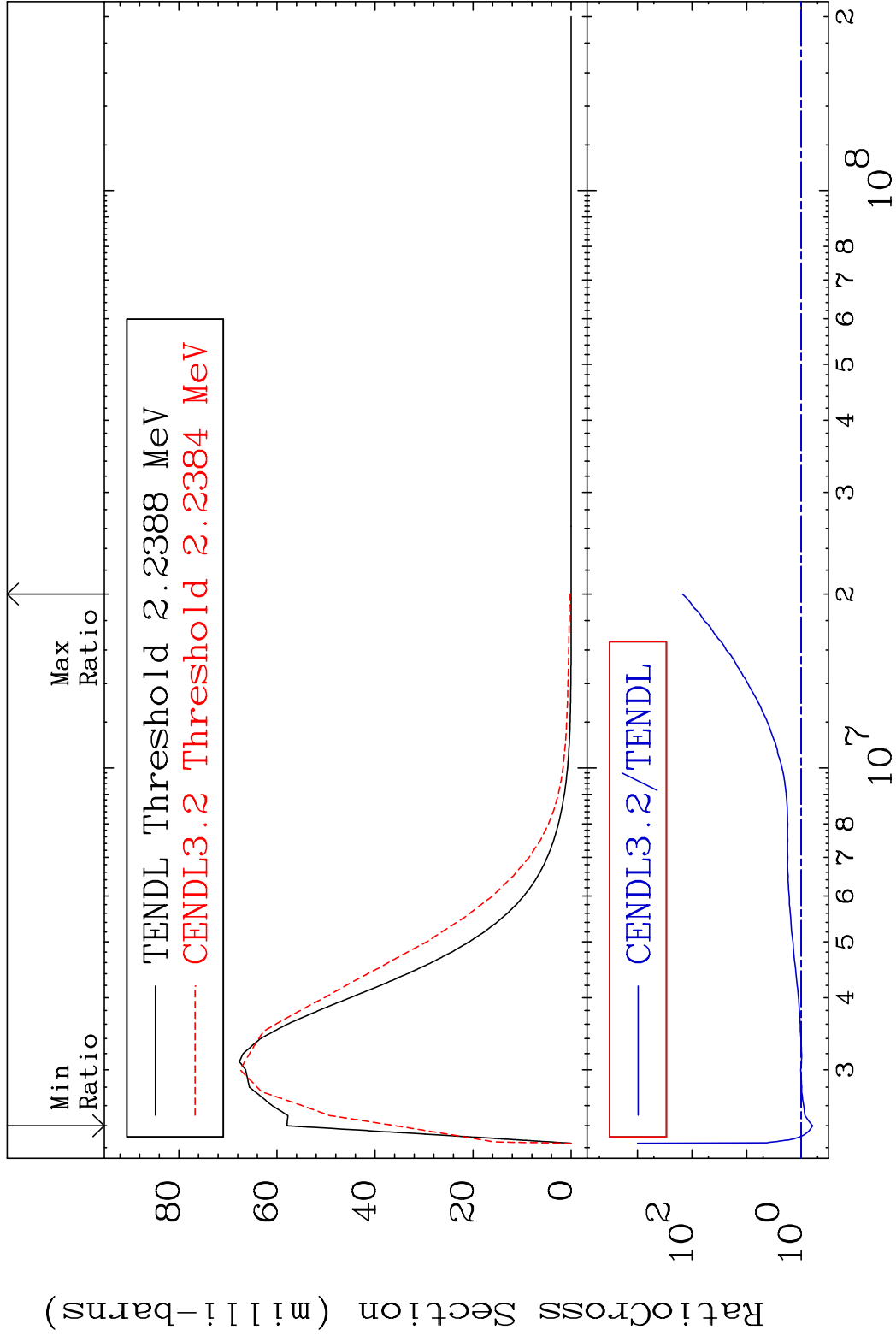


13 Incident Energy (eV) 25-Mn-55

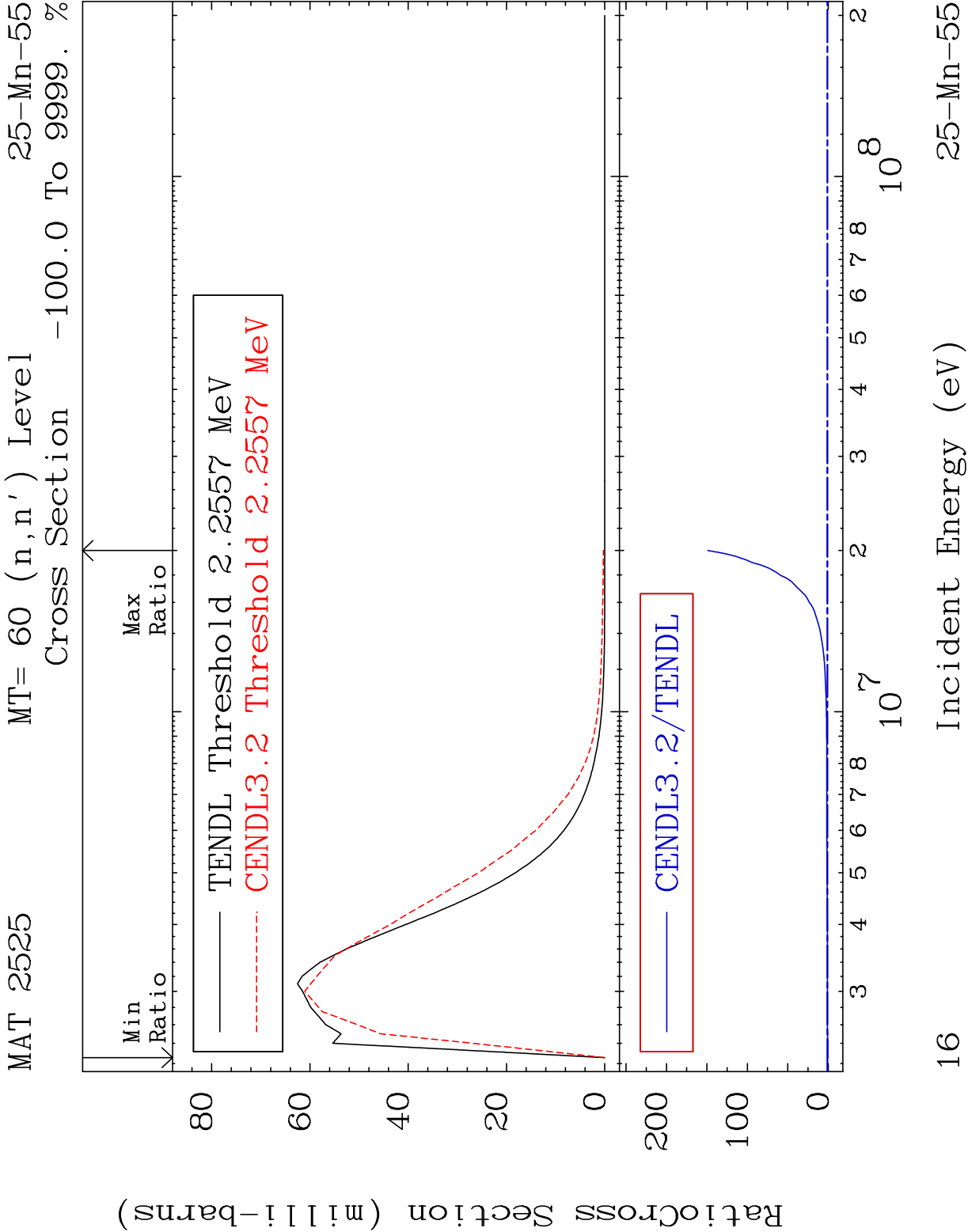
MAT 2525 MT= 58 (n,n') Level 25-Mn-55
Cross Section -78.93 To 9999. %



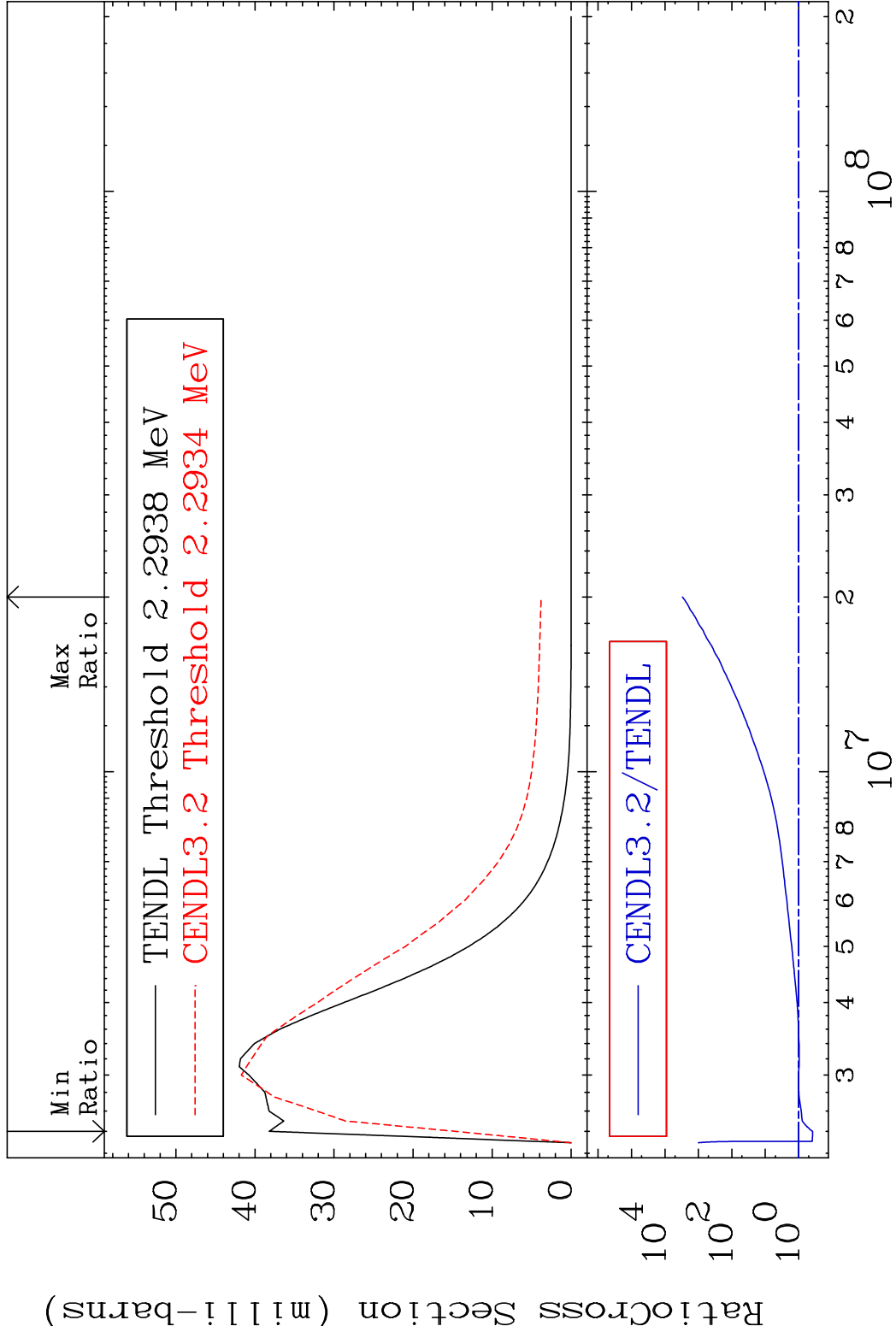
MAT 2525 MT= 59 (n,n') Level 25-Mn-55
Cross Section -38.28 To 9999. %

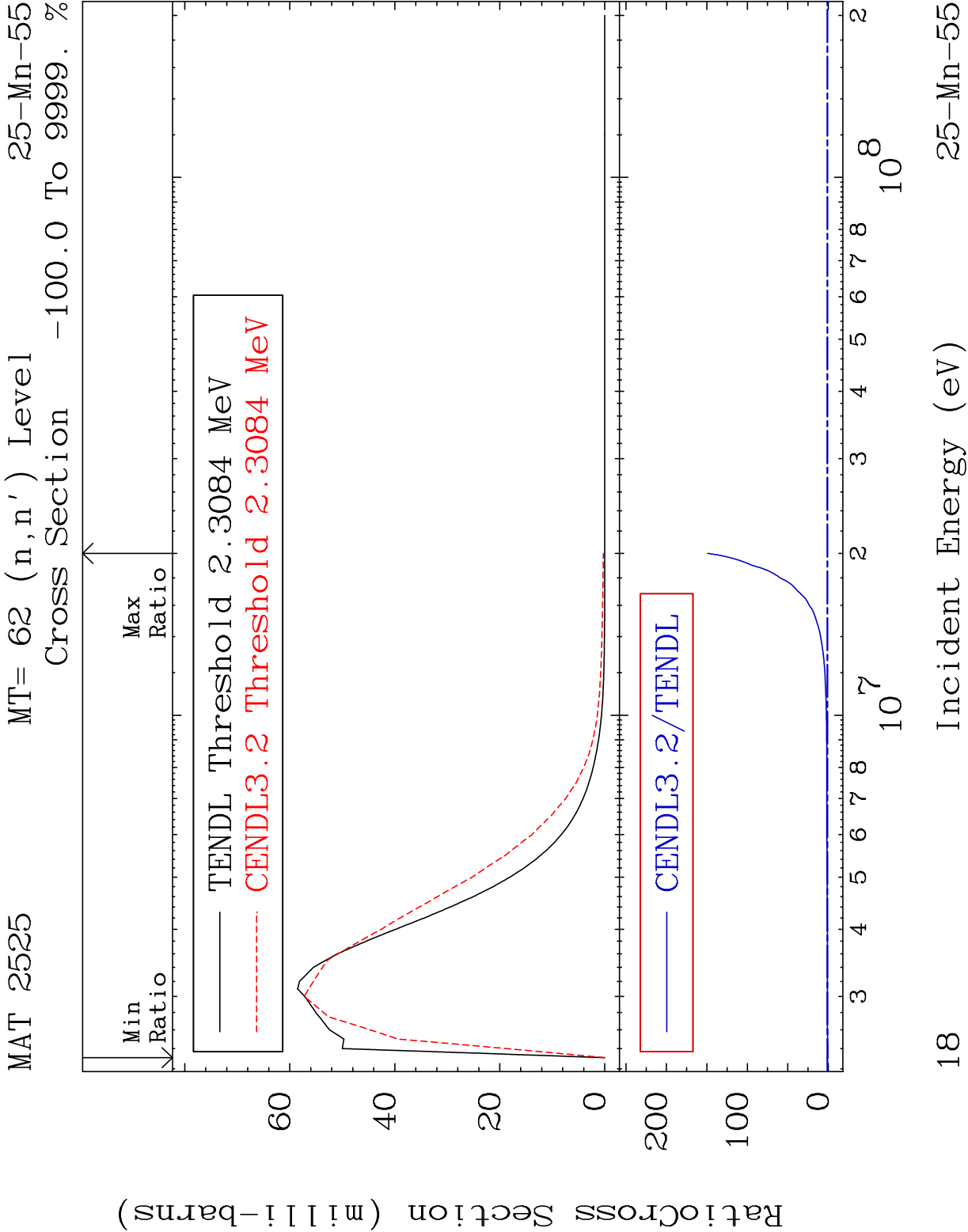


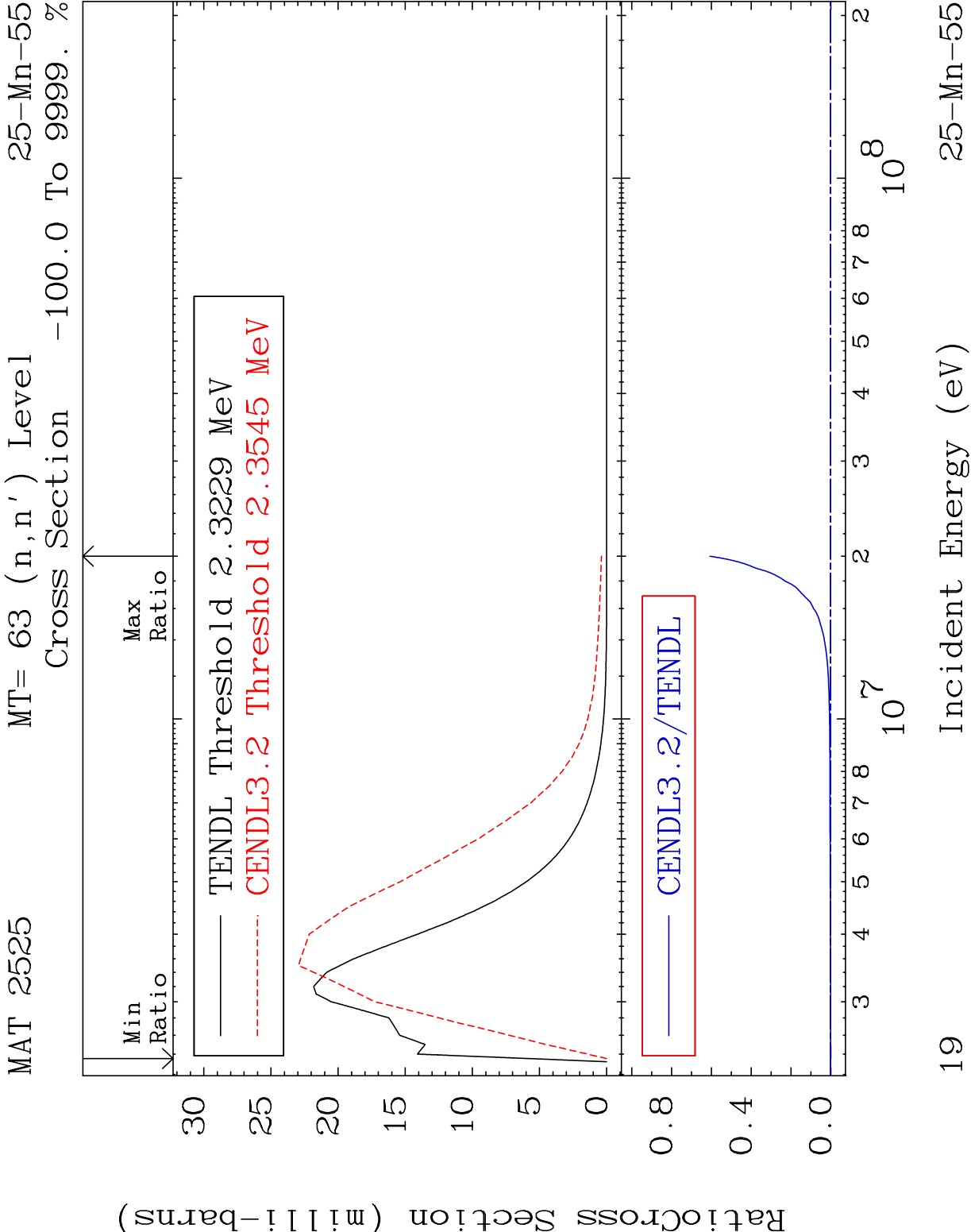
15 Incident Energy (eV) 25-Mn-55



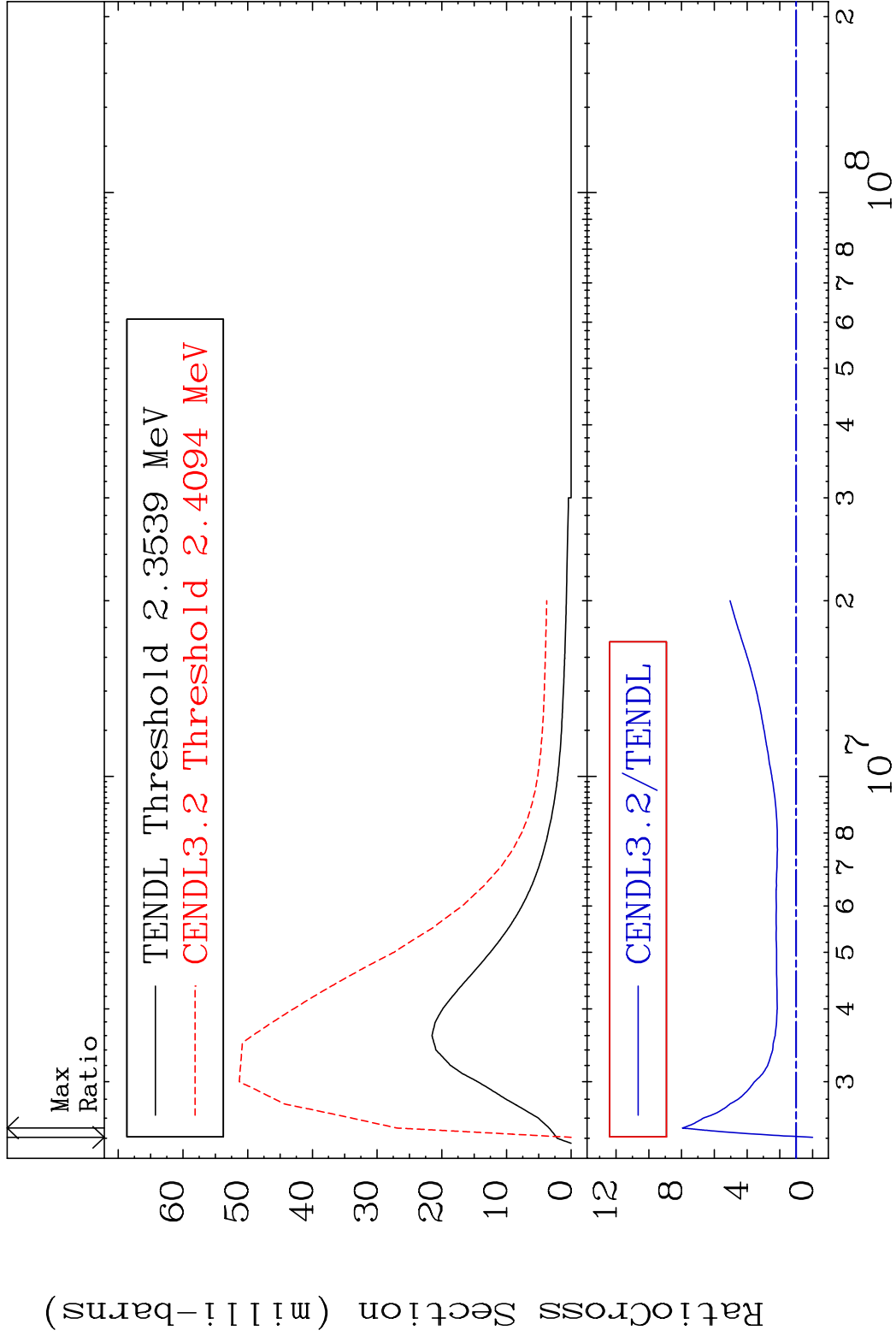
MAT 2525 MT= 61 (n,n') Level 25-Mn-55
Cross Section -61.43 To 9999. %



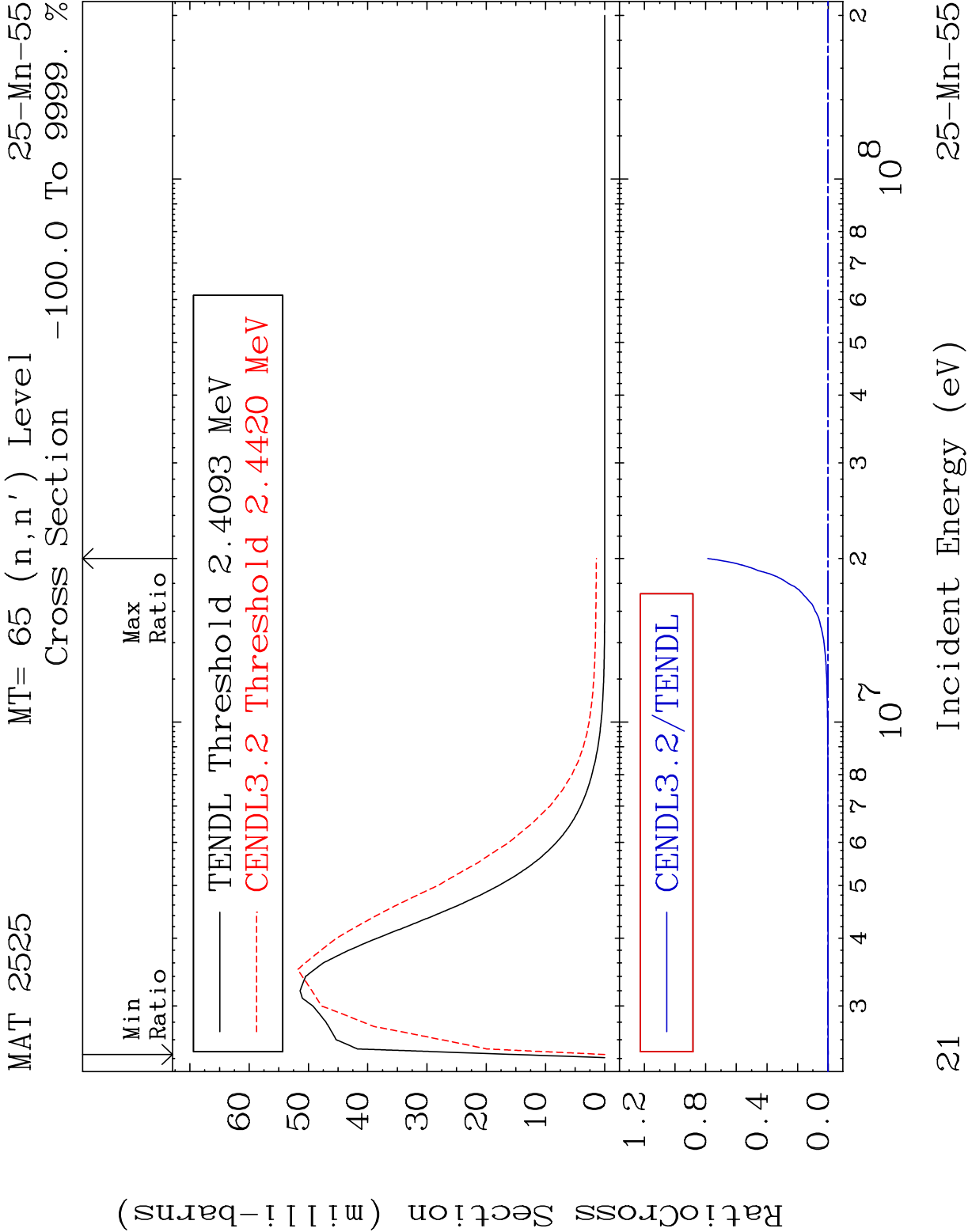


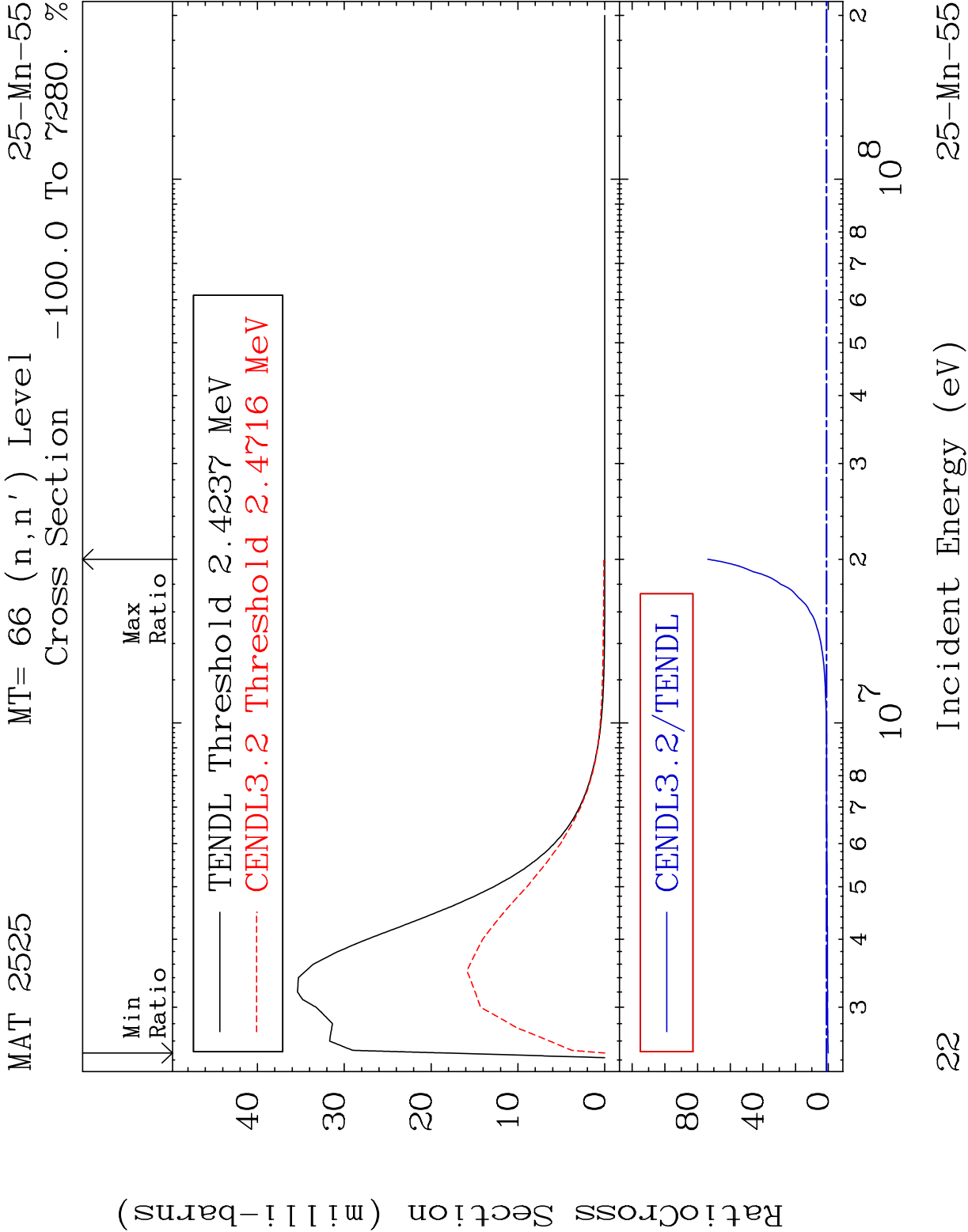


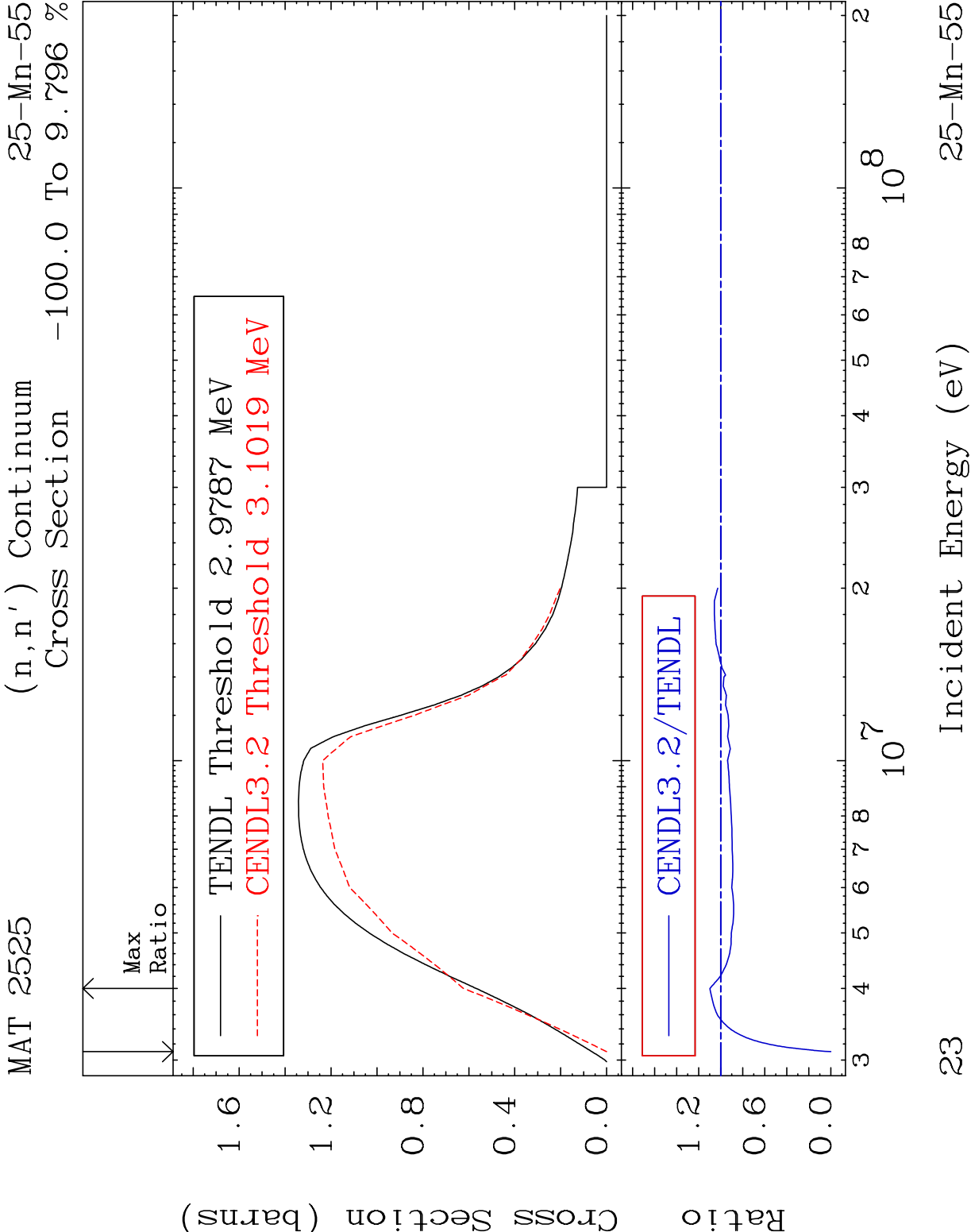
MAT 2525 MT= 64 (n,n') Level 25-Mn-55
Cross Section -100.0 To 695.2 %



20 Incident Energy (eV) 25-Mn-55

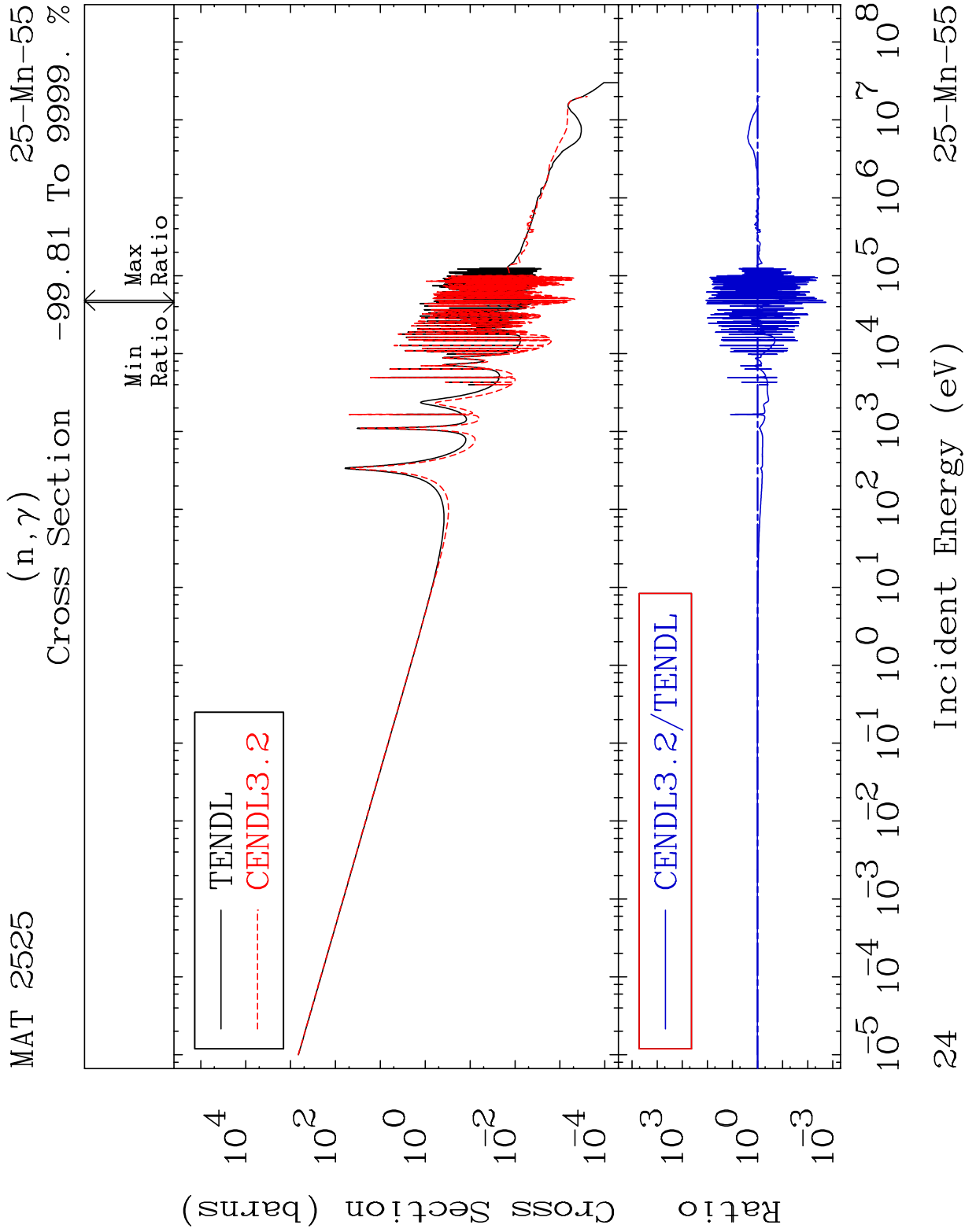


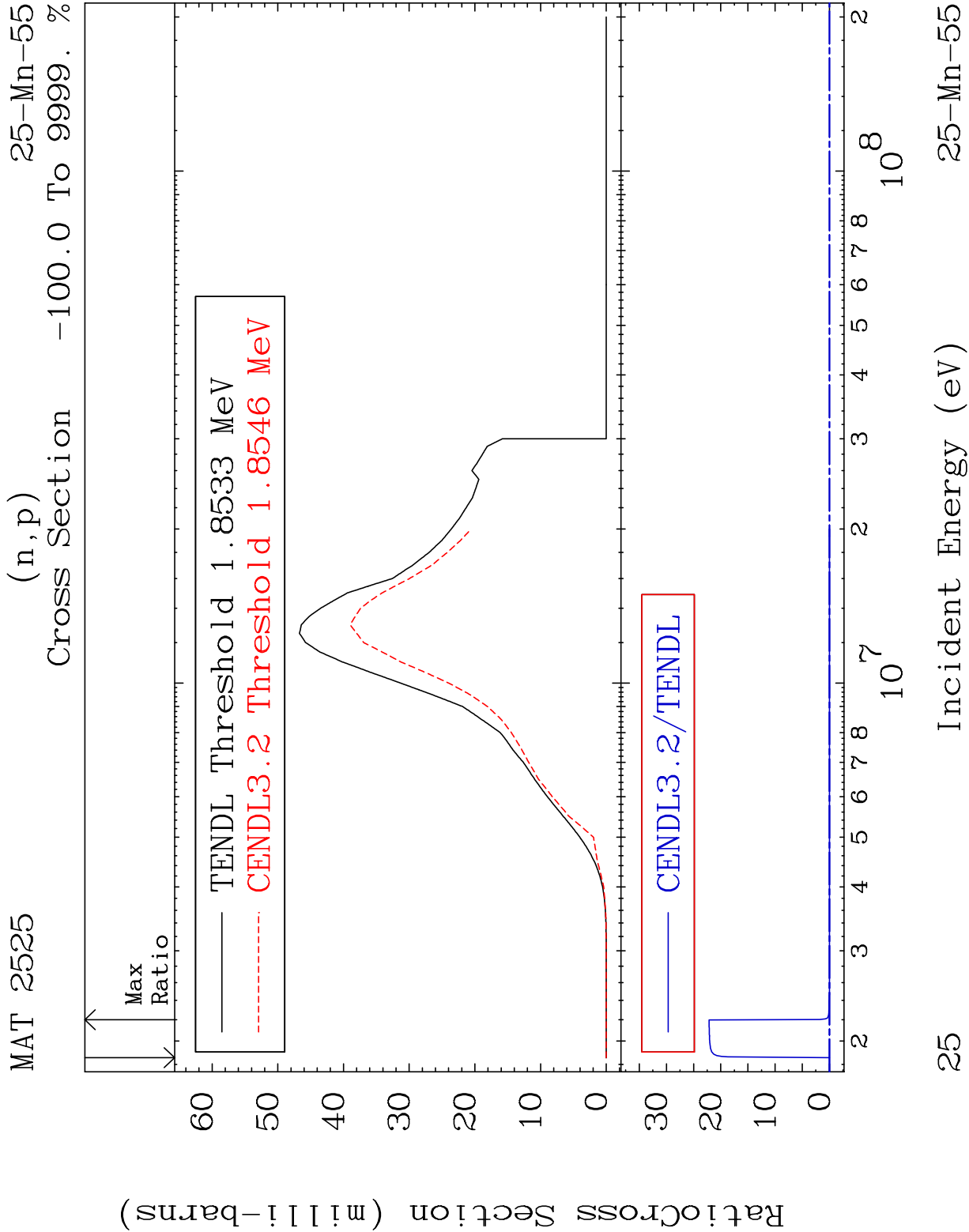


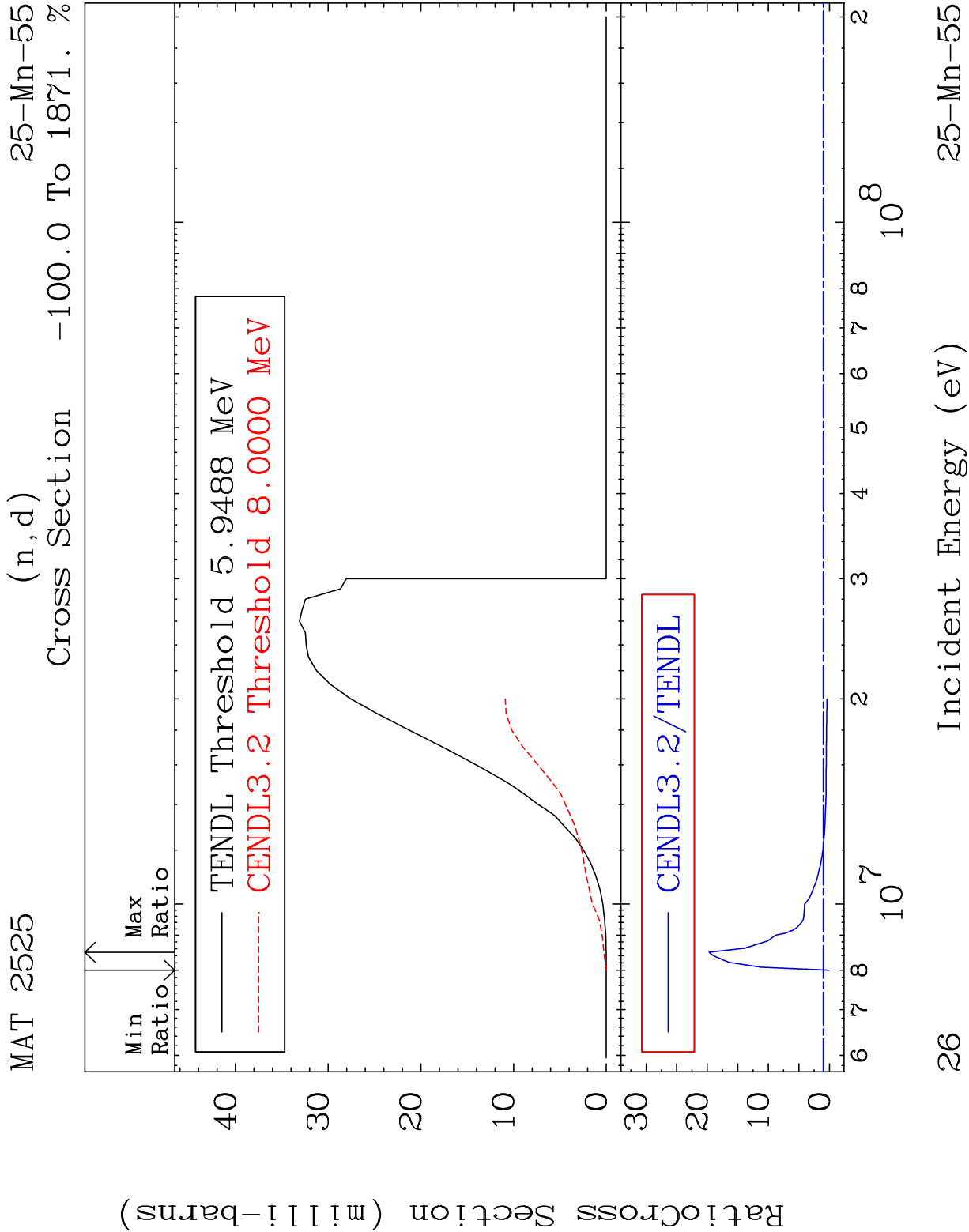


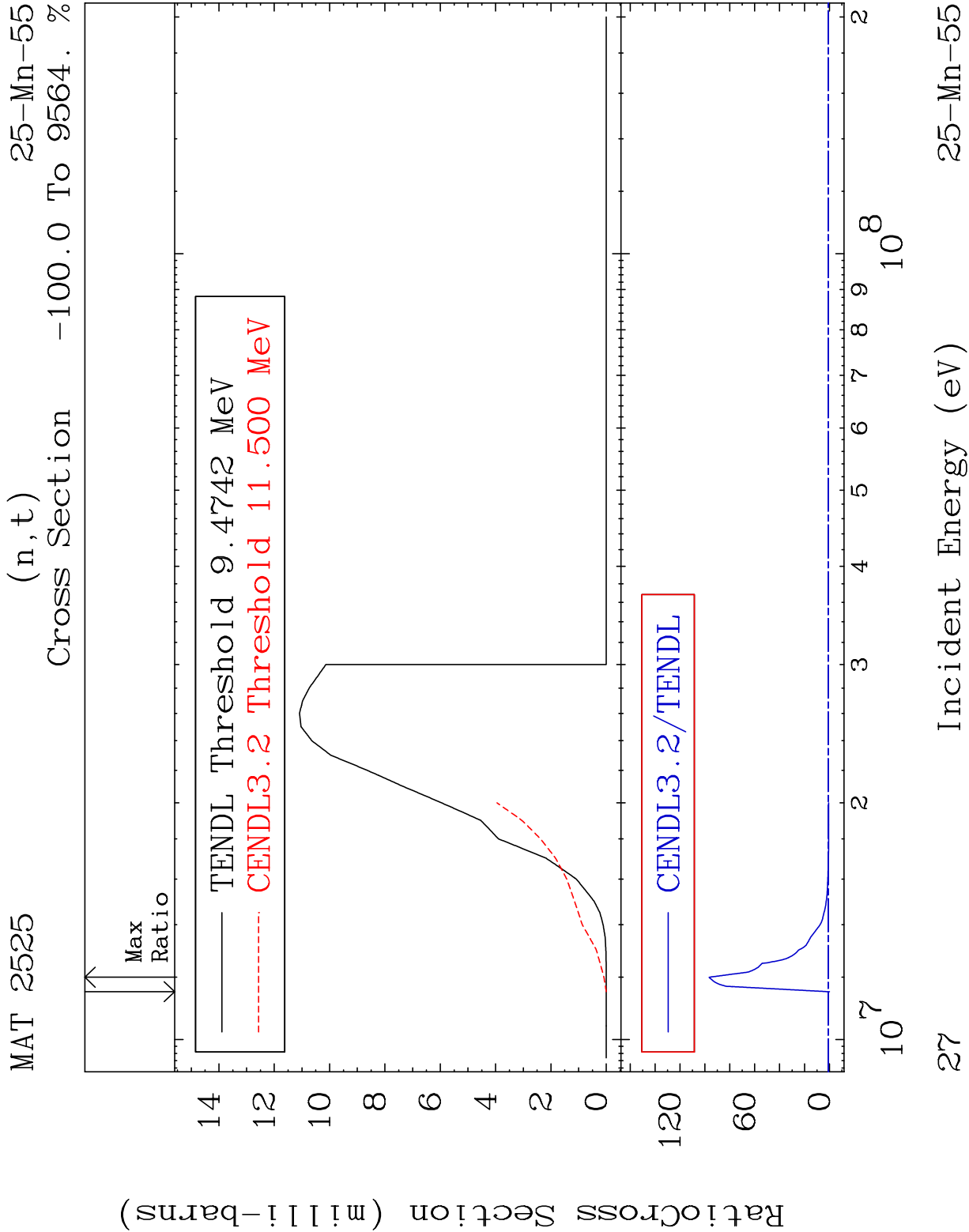
— TENDL Threshold 2.9787 MeV
- - - CENDL3.2 Threshold 3.1019 MeV

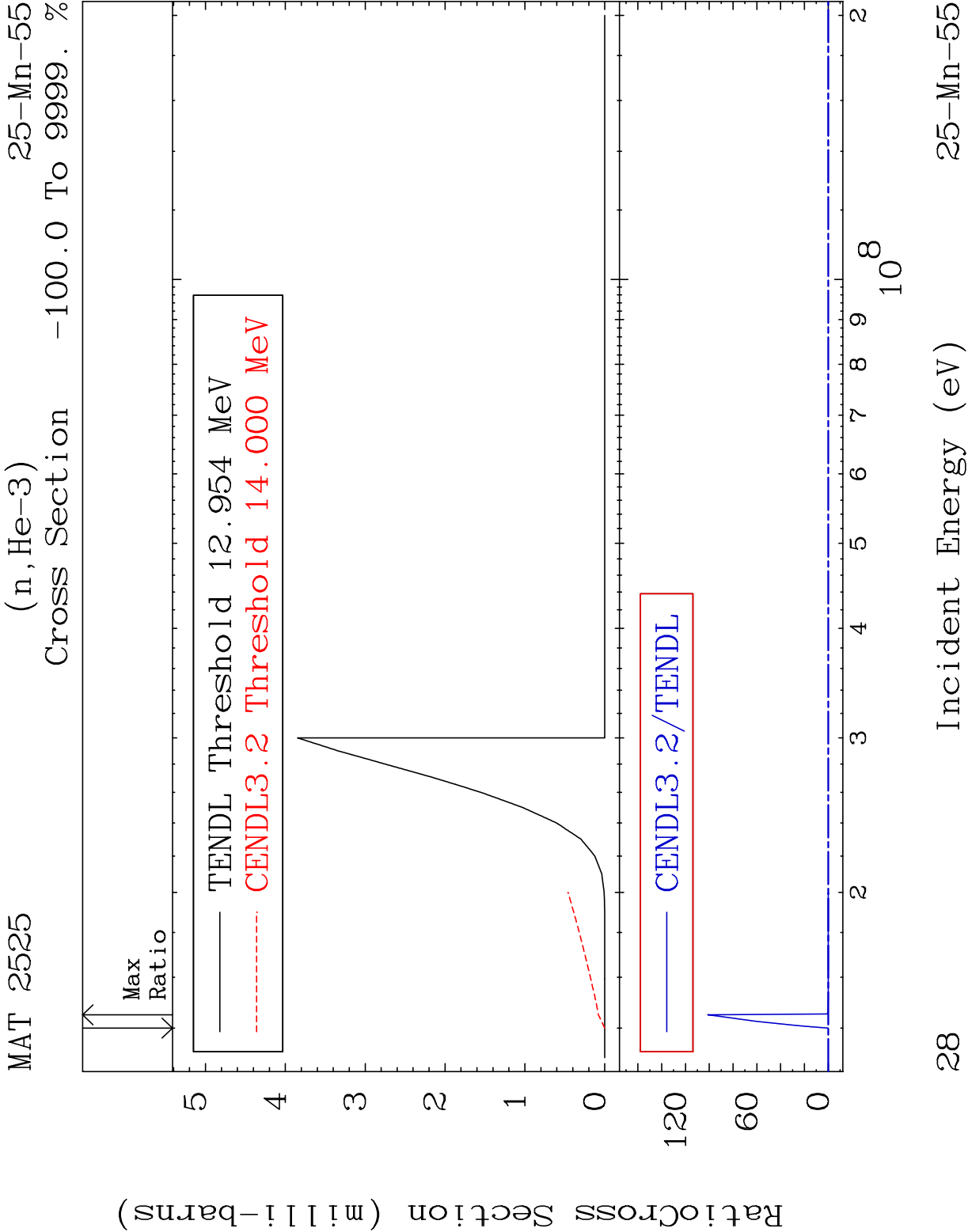
— CENDL3.2/TENDL

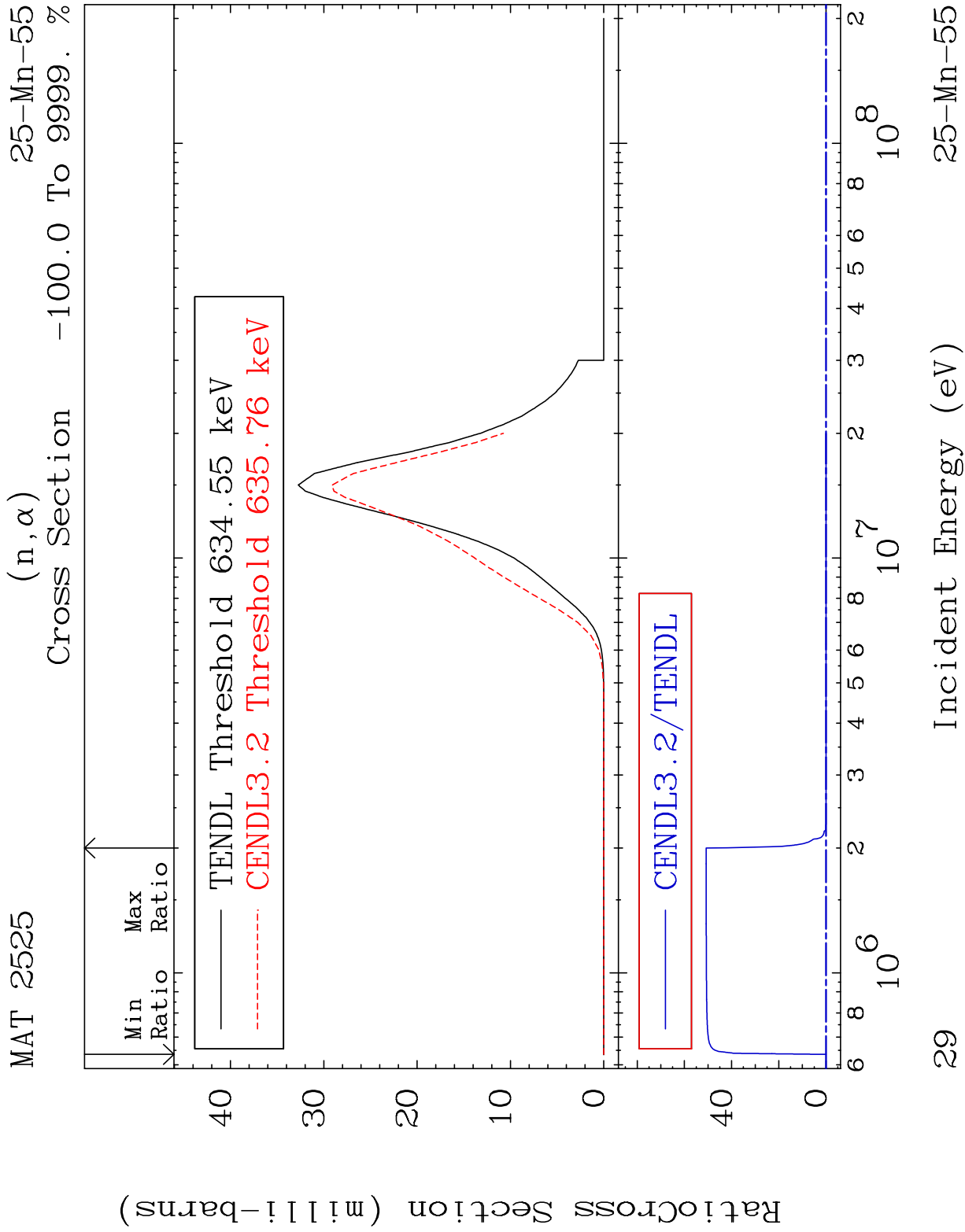


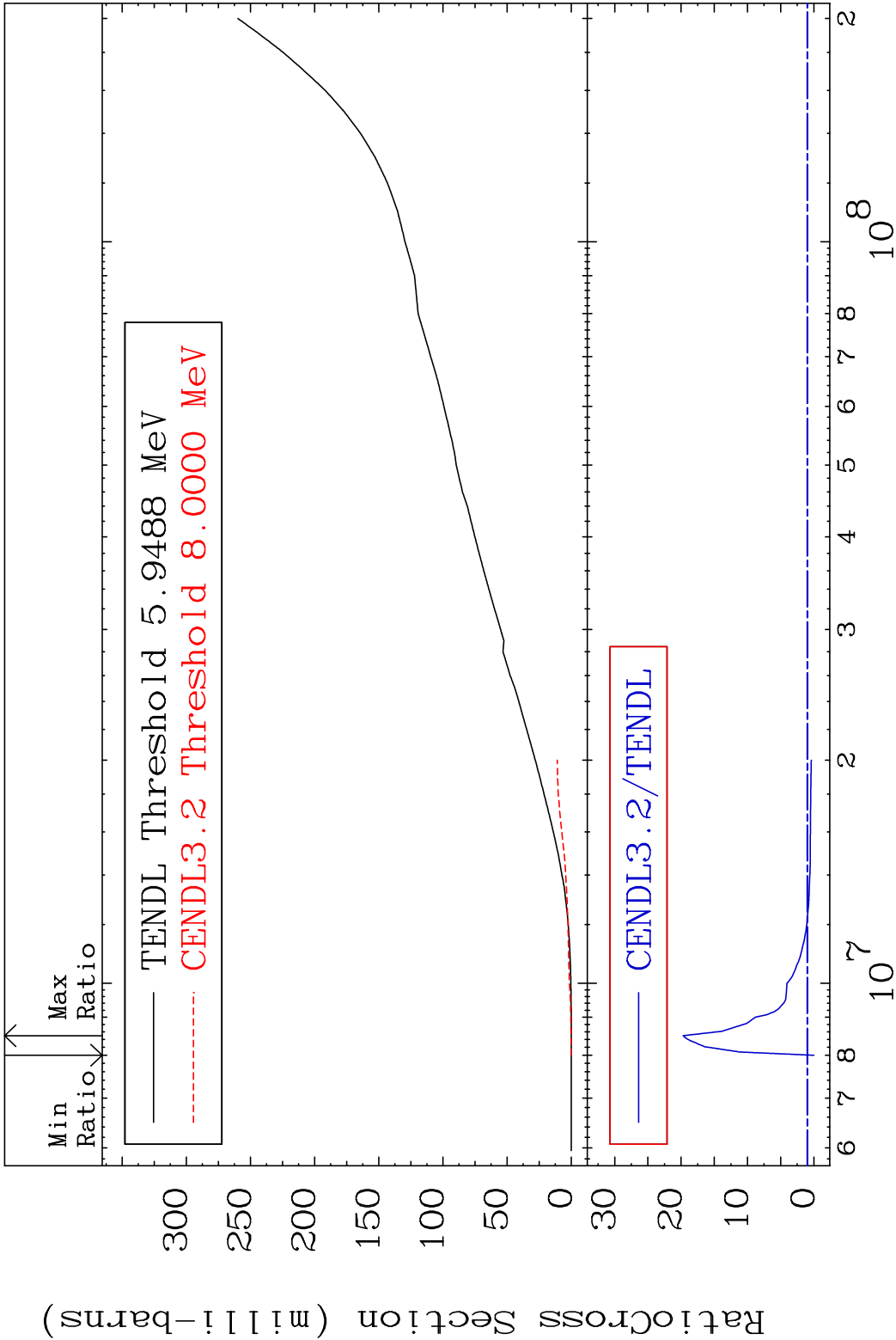


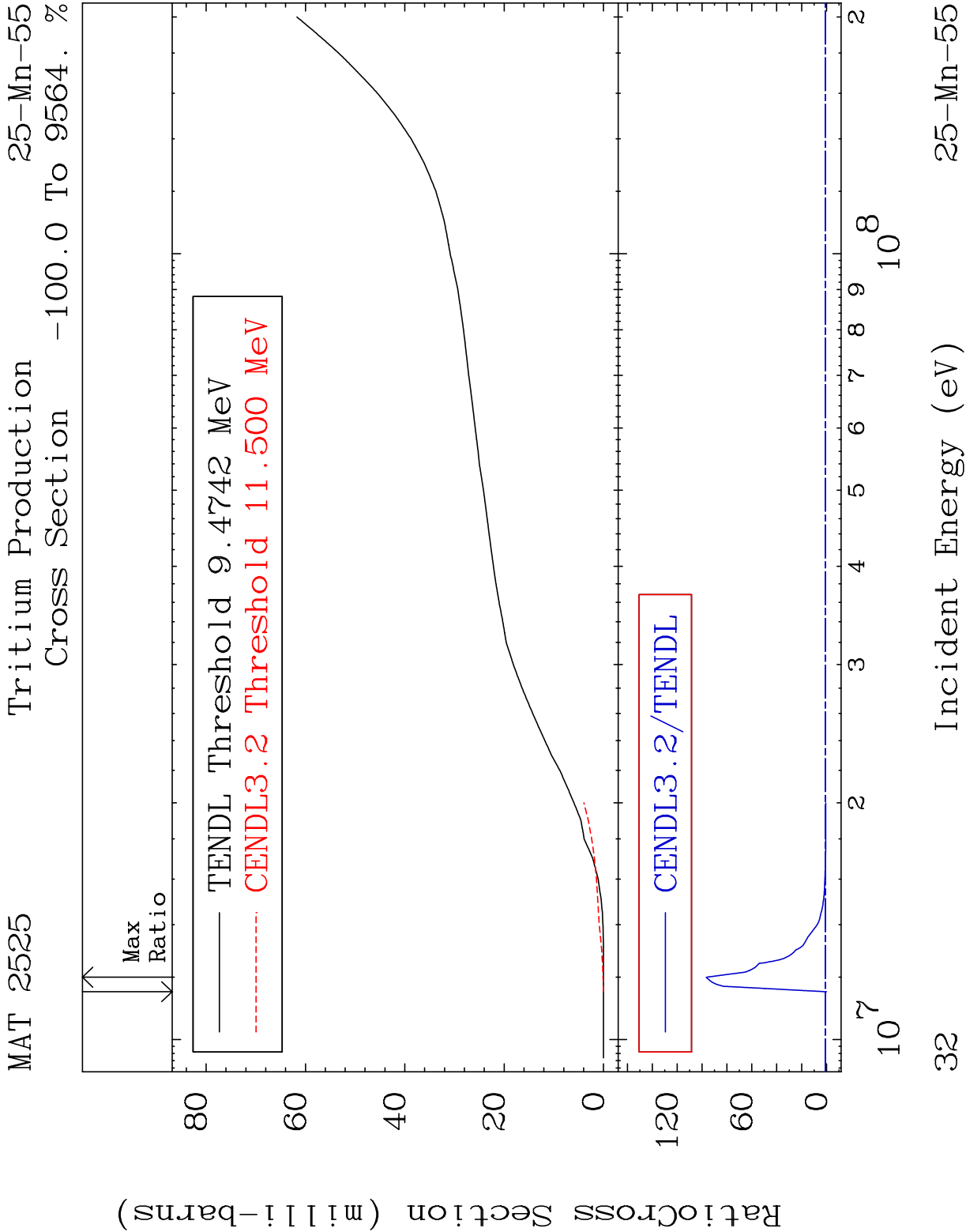


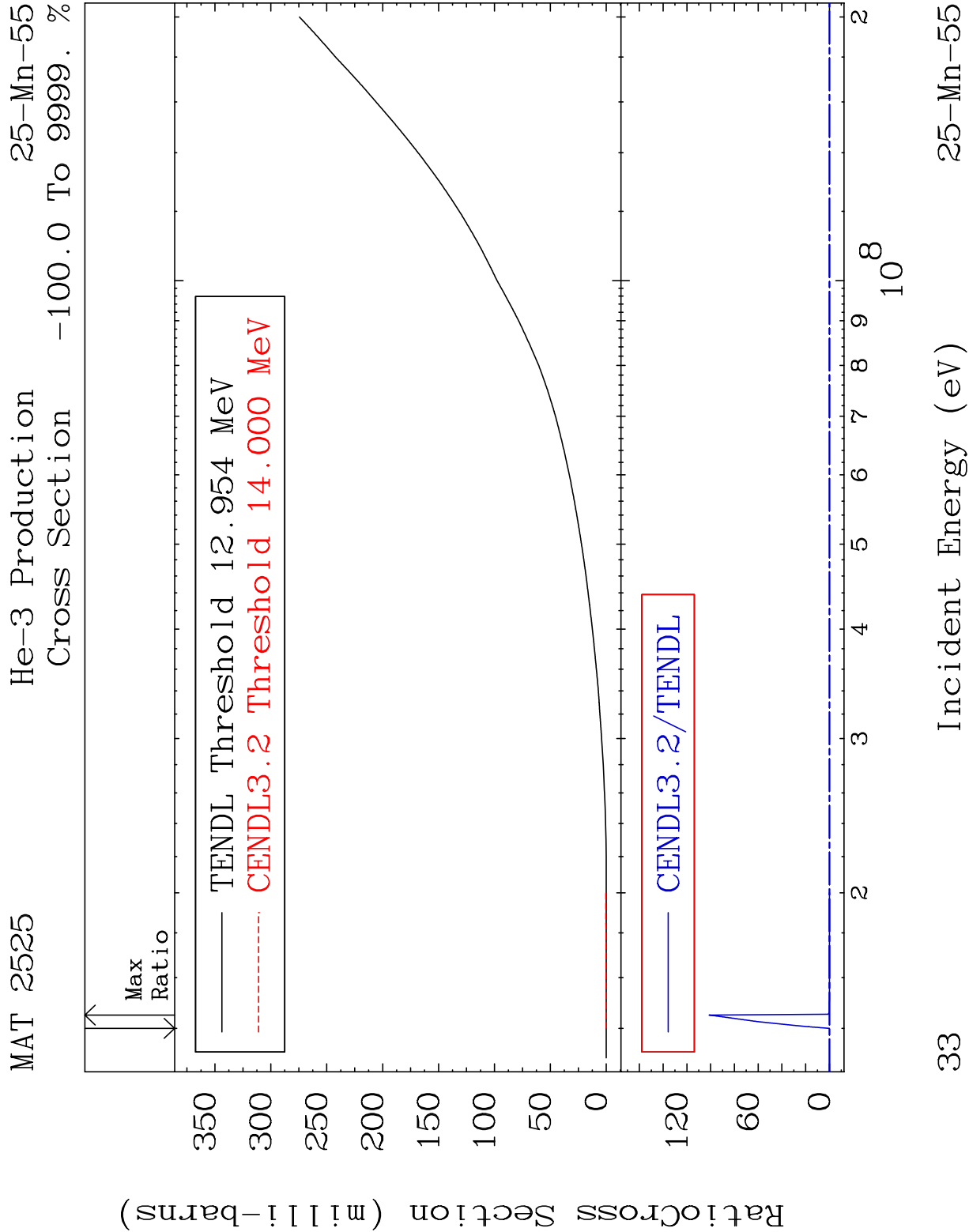


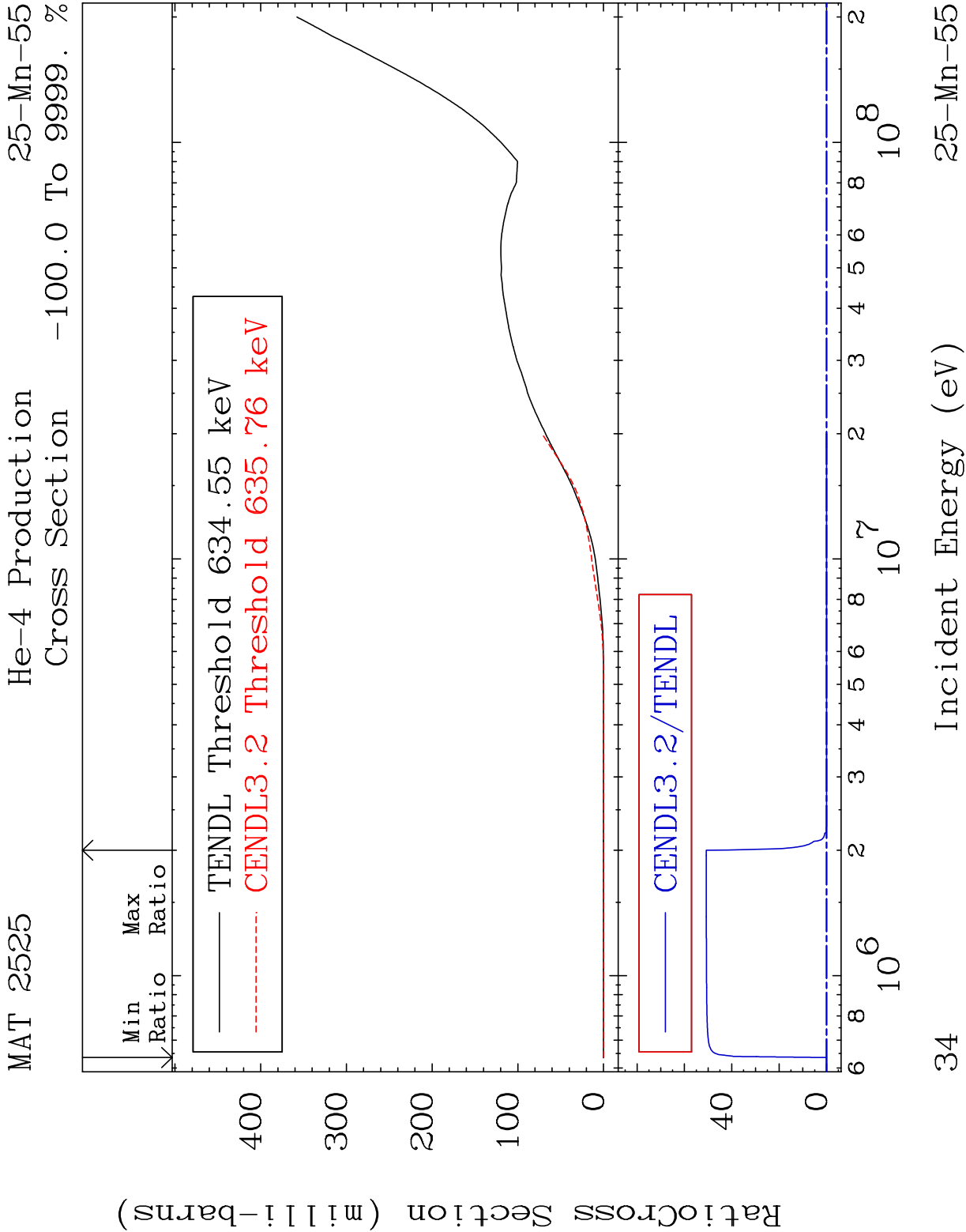


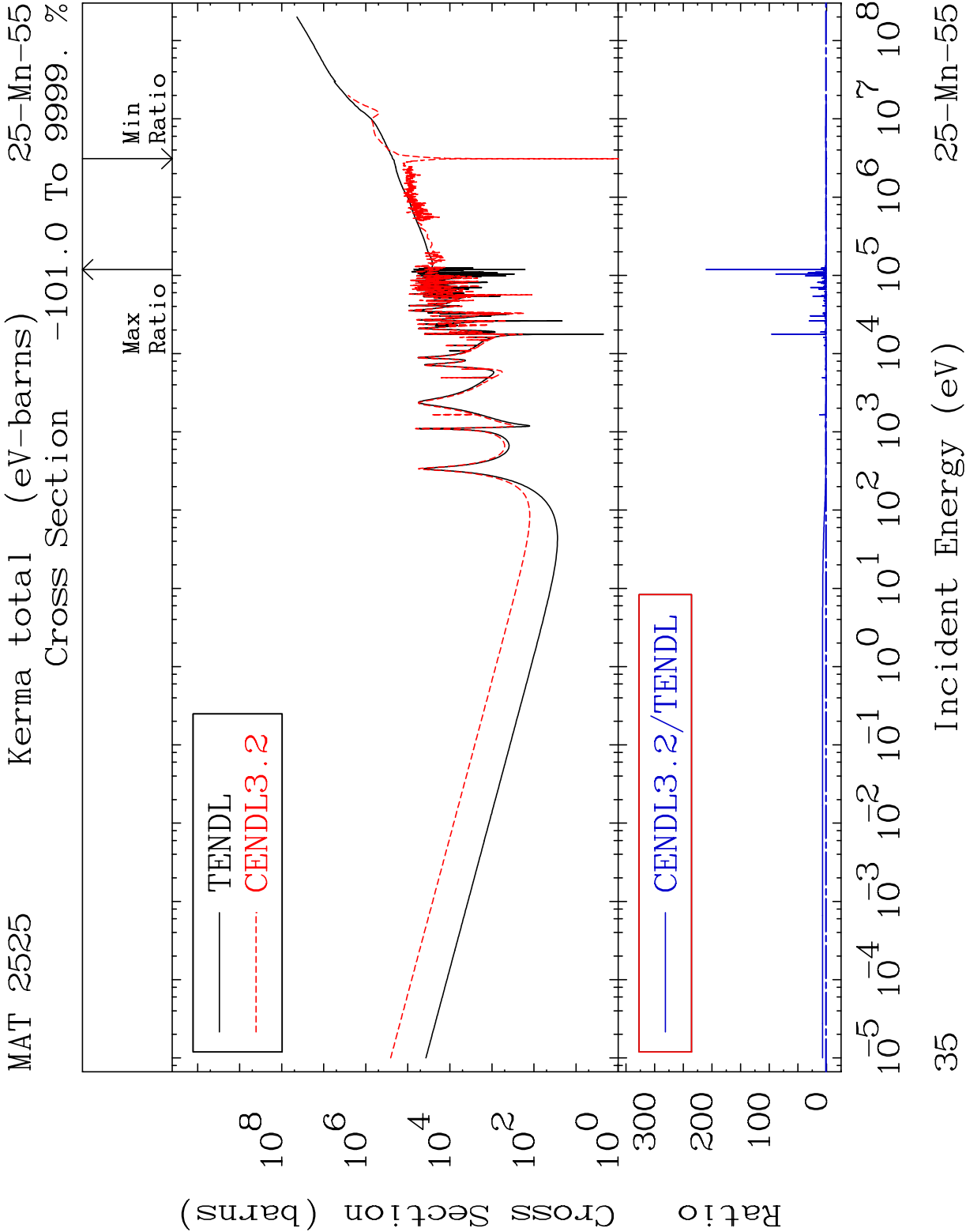


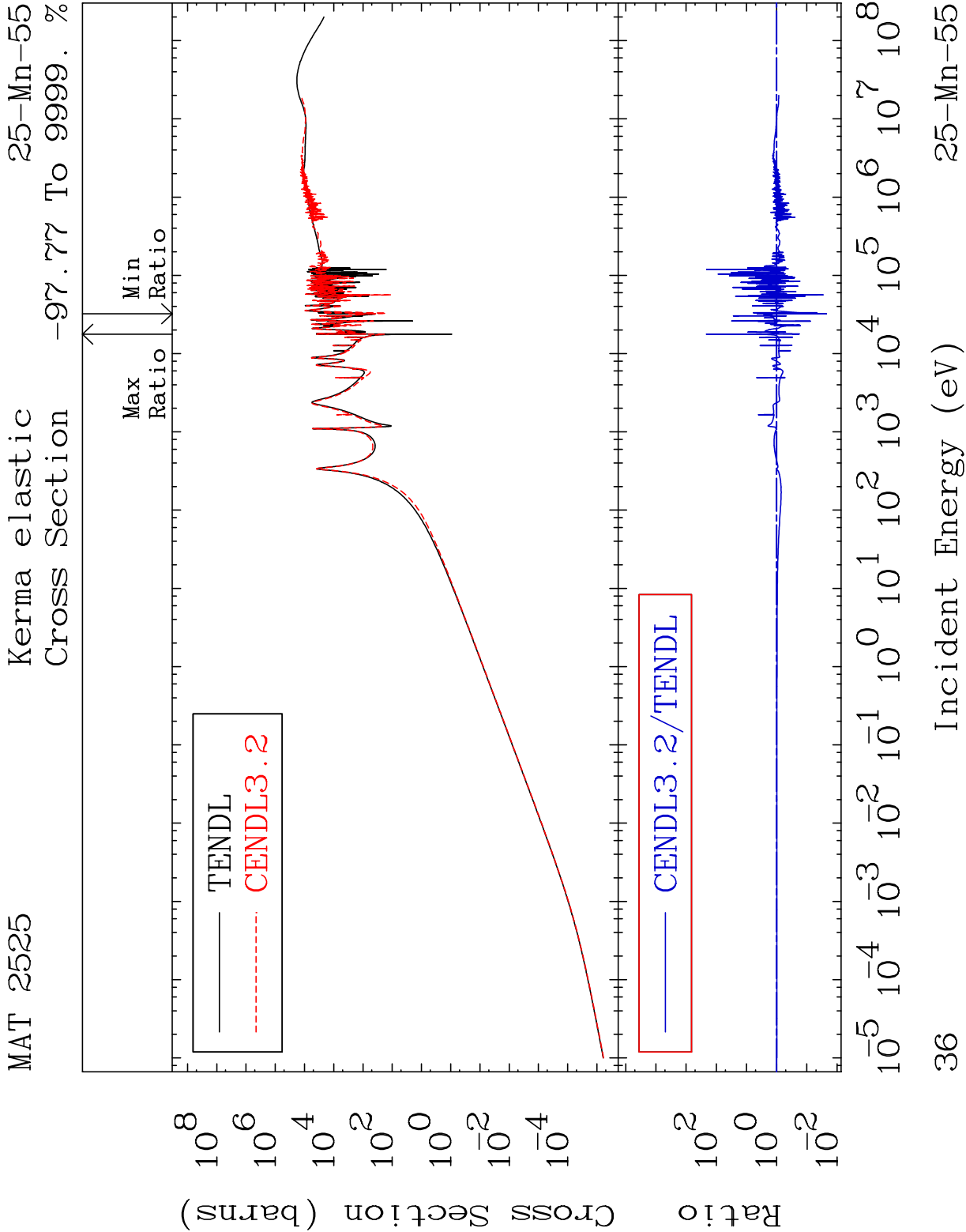






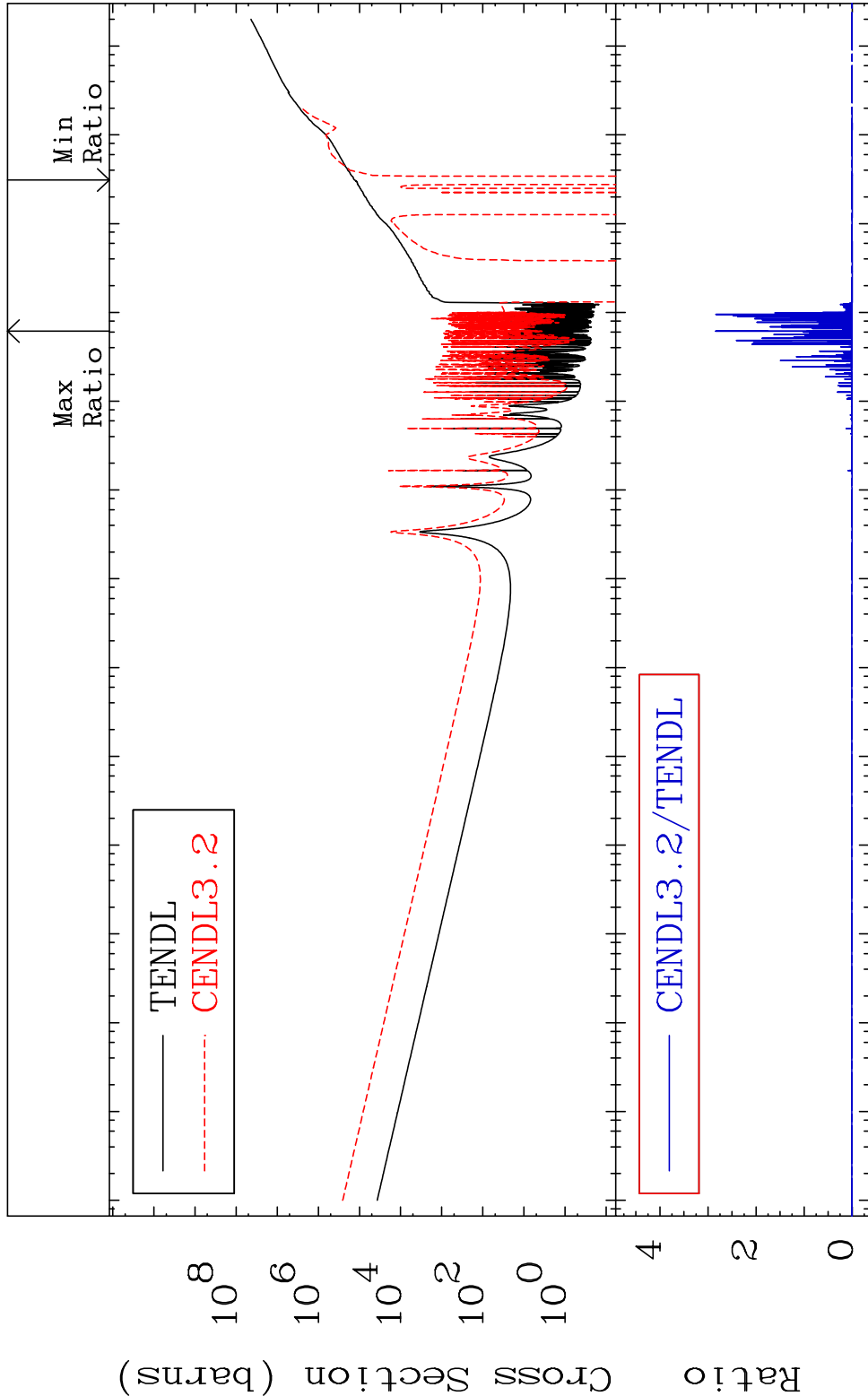






MAT 2525 Kerma non-elastic (all but mt2) 25-Mn-55

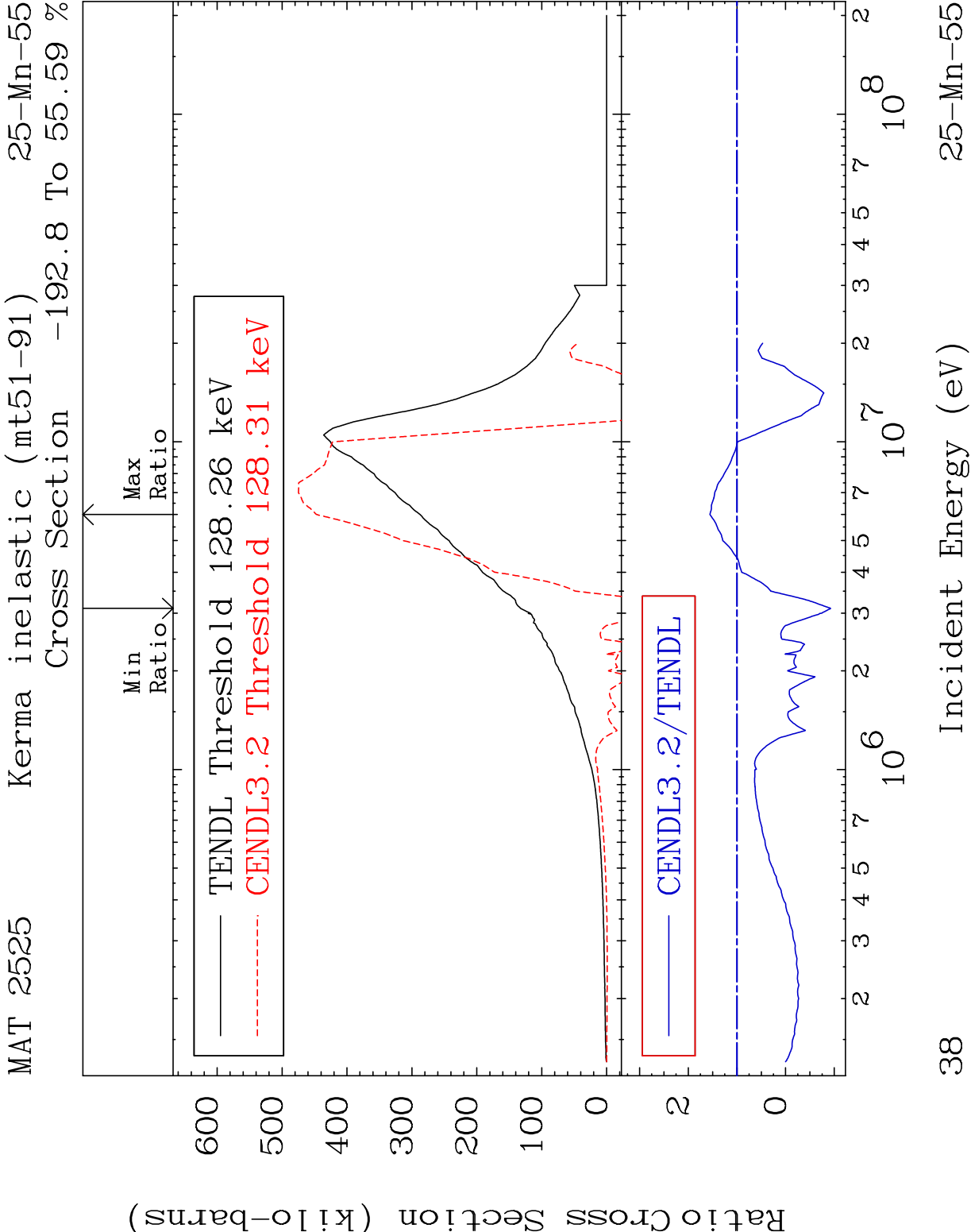
Cross Section -192.8 To 9999. %



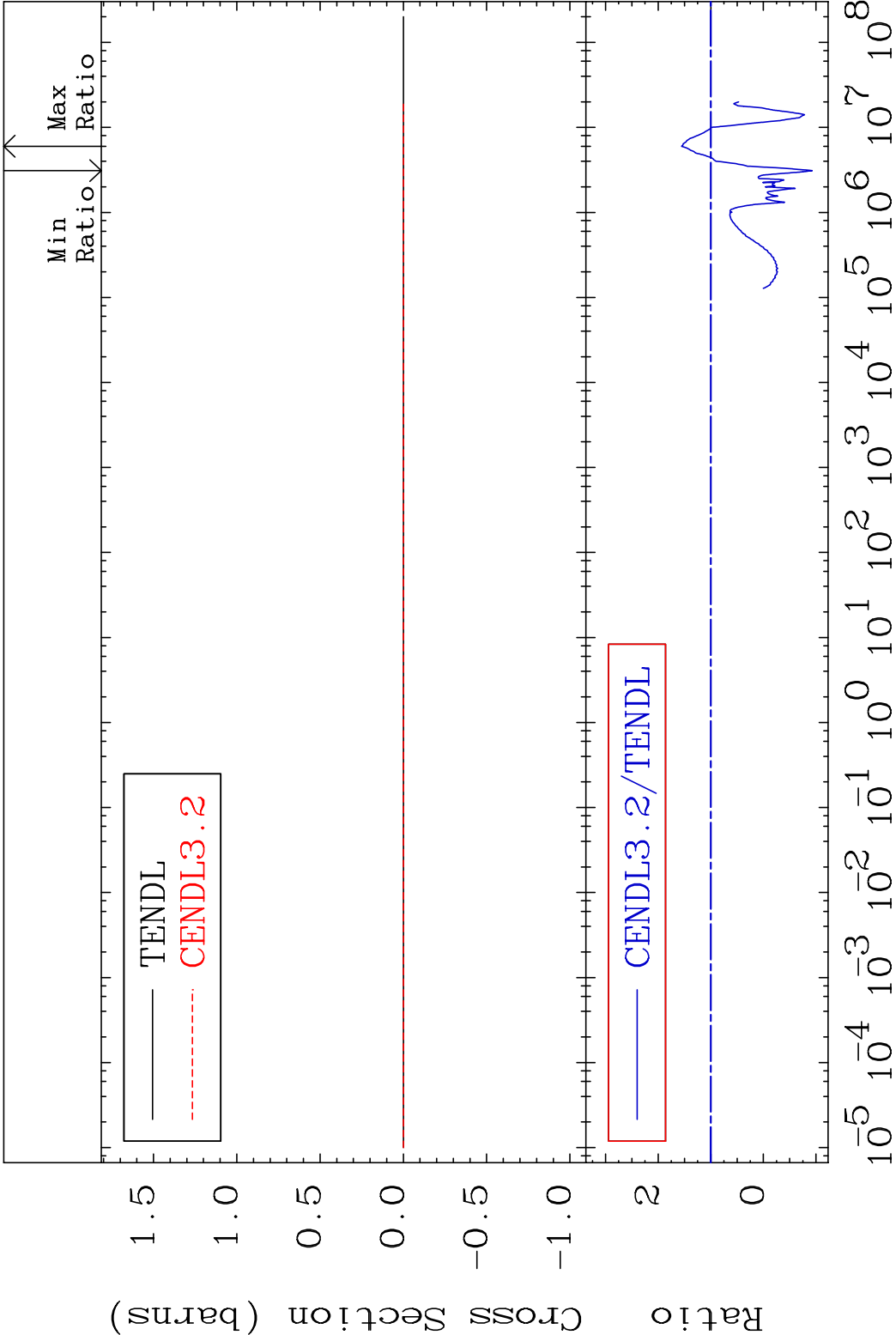
37

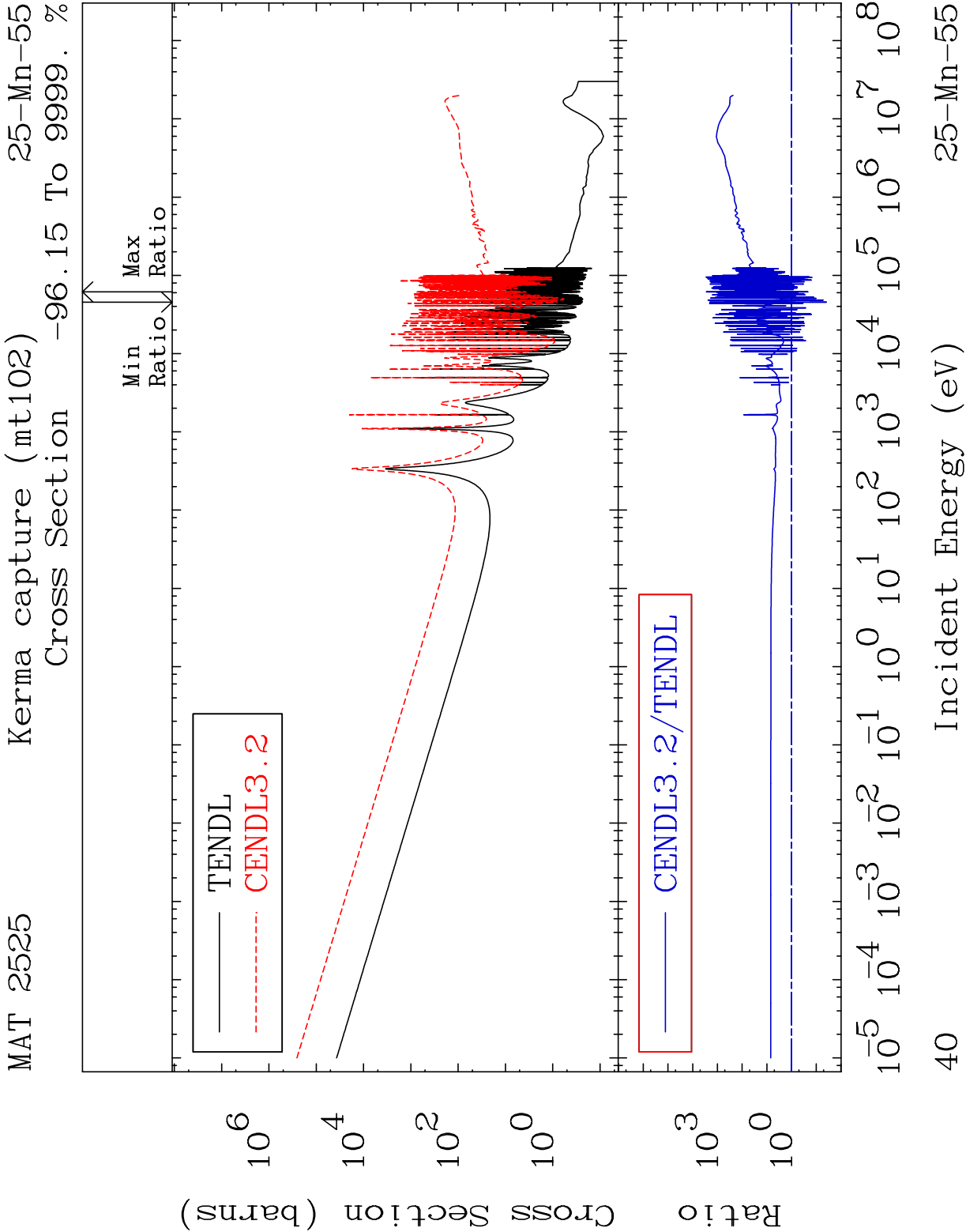
Incident Energy (eV)

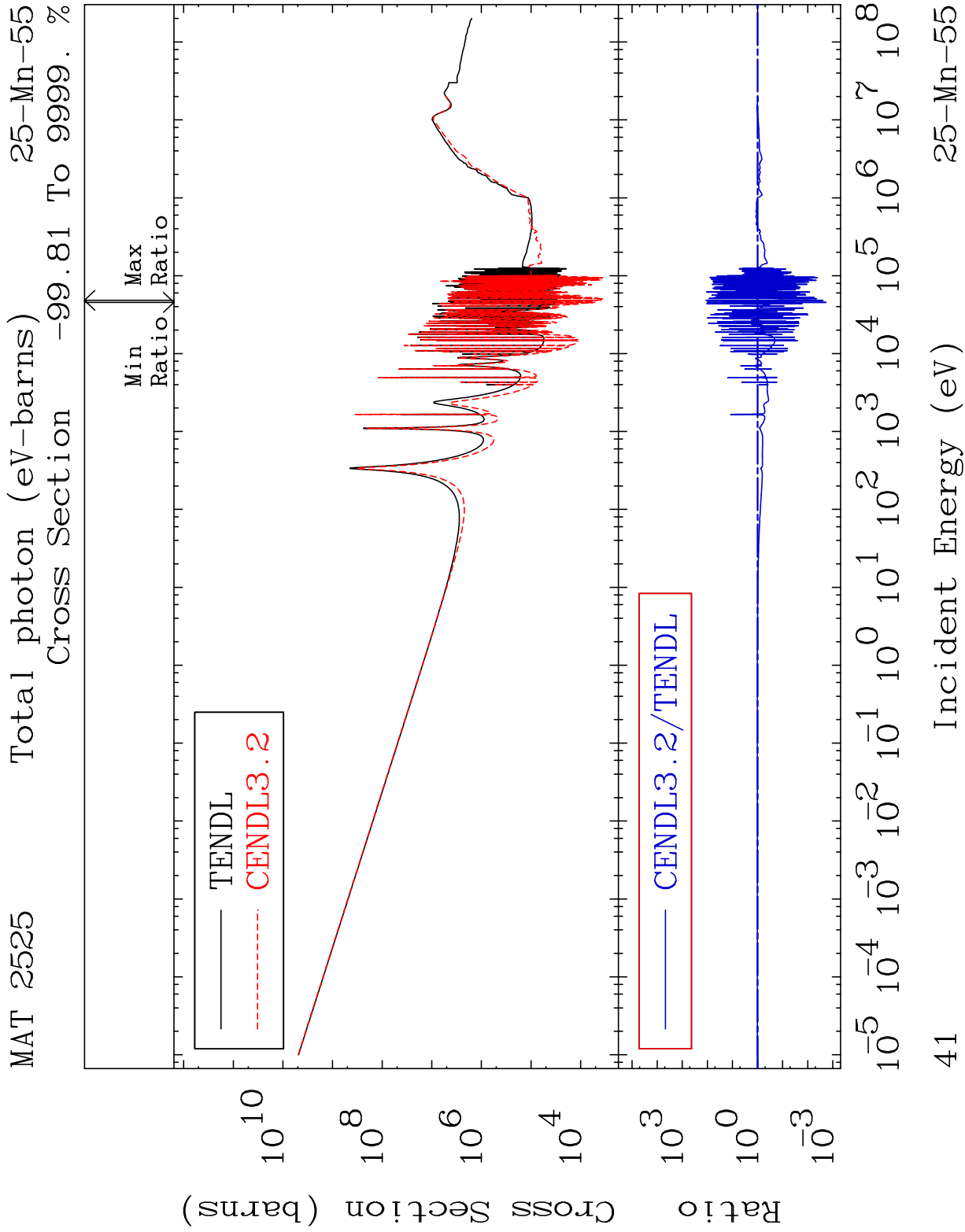
25-Mn-55



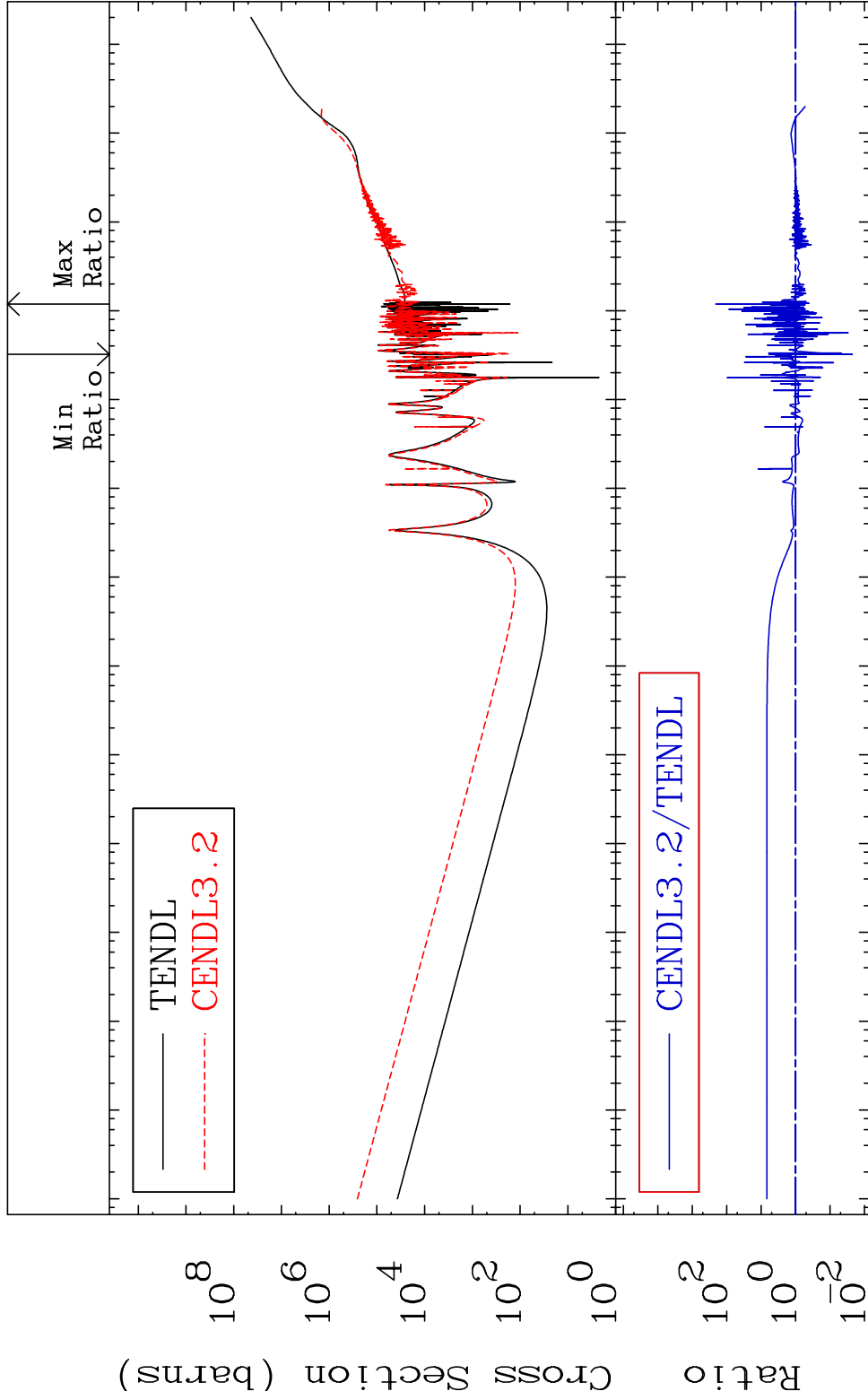
MAT 2525 Kerma fission (mt18 or mt19-20-21-38) 25-Mn-55
Cross Section -192.8 To 55.59 %







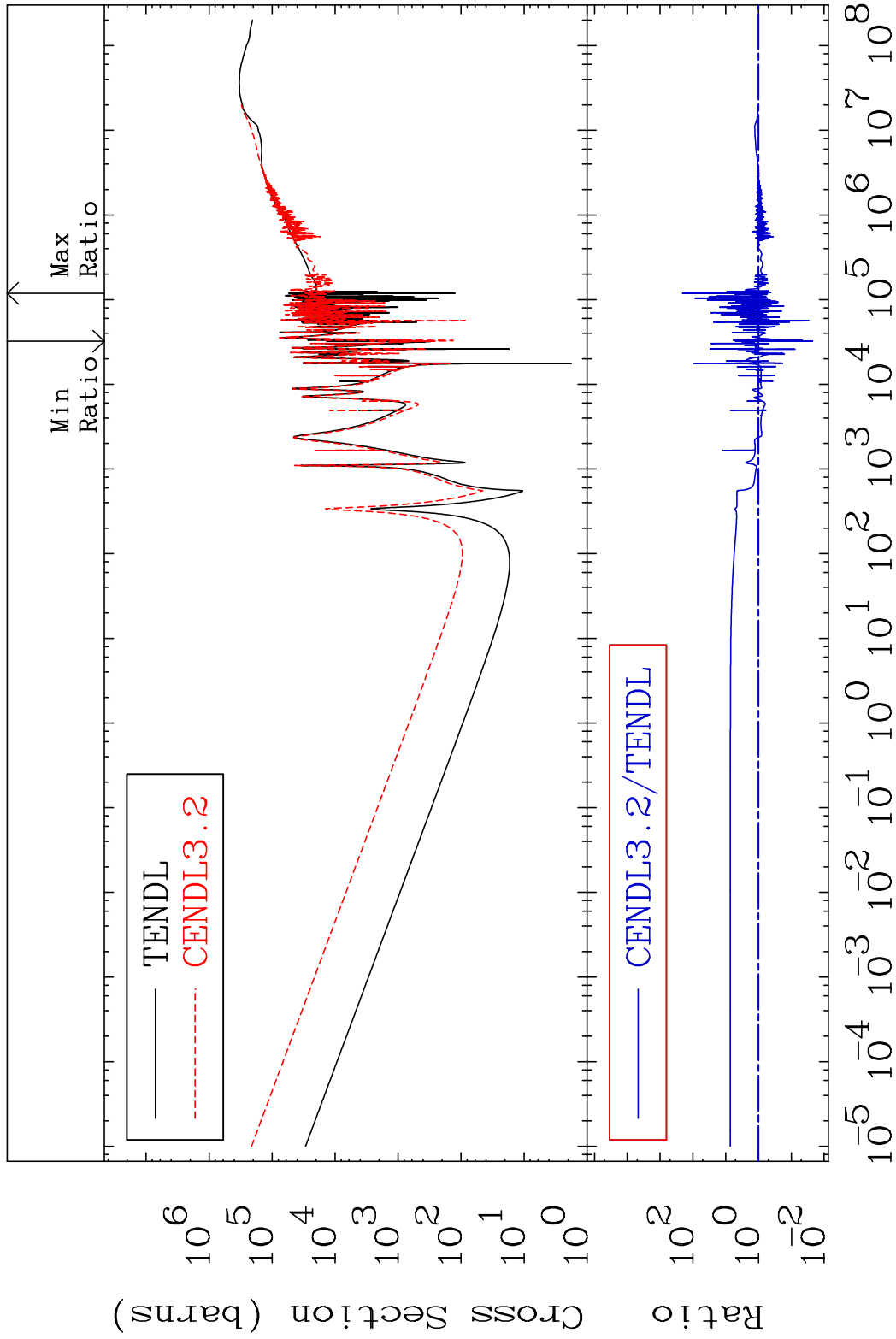
MAT 2525 Total kinematic kerma (high limit) 25-Mn-55
Cross Section -97.72 To 9999. %



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

42 Incident Energy (eV) 25-Mn-55

MAT 2525 Dpa total (eV-barns) 25-Mn-55
 Cross Section -97.75 To 9999. %



43 Incident Energy (eV) 25-Mn-55

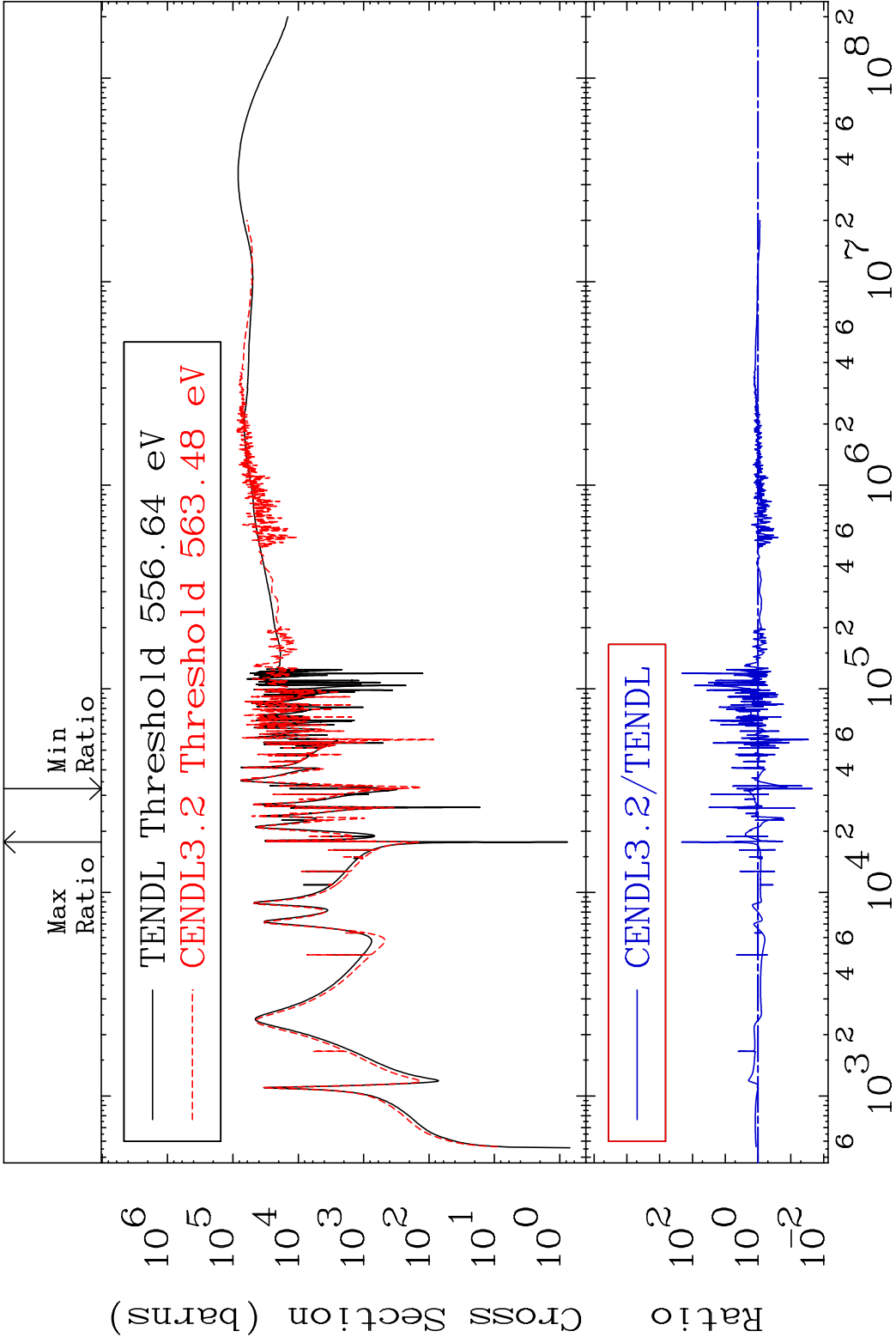
MAT 2525

Dpa elastic (mt2)

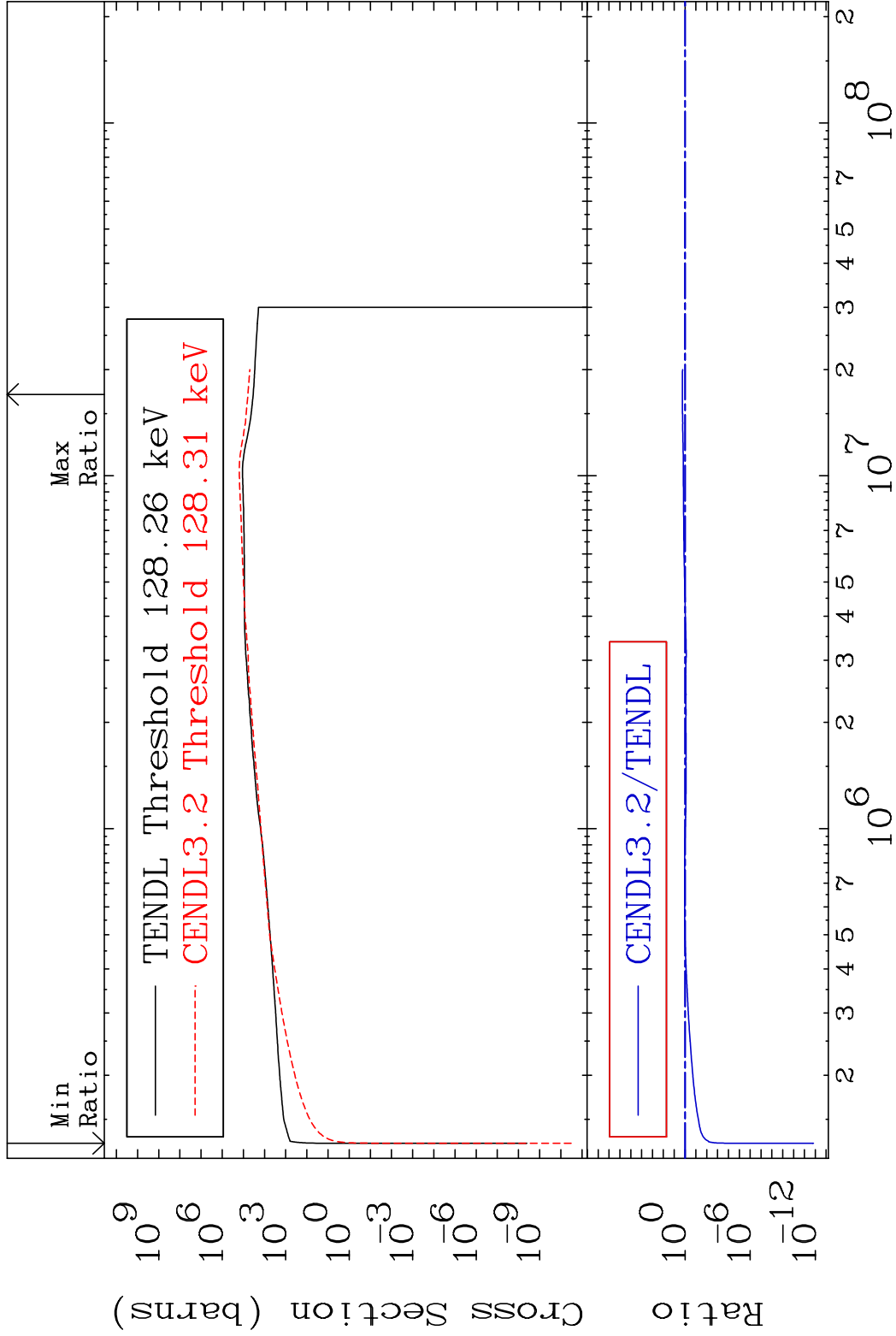
25-Mn-55

Cross Section

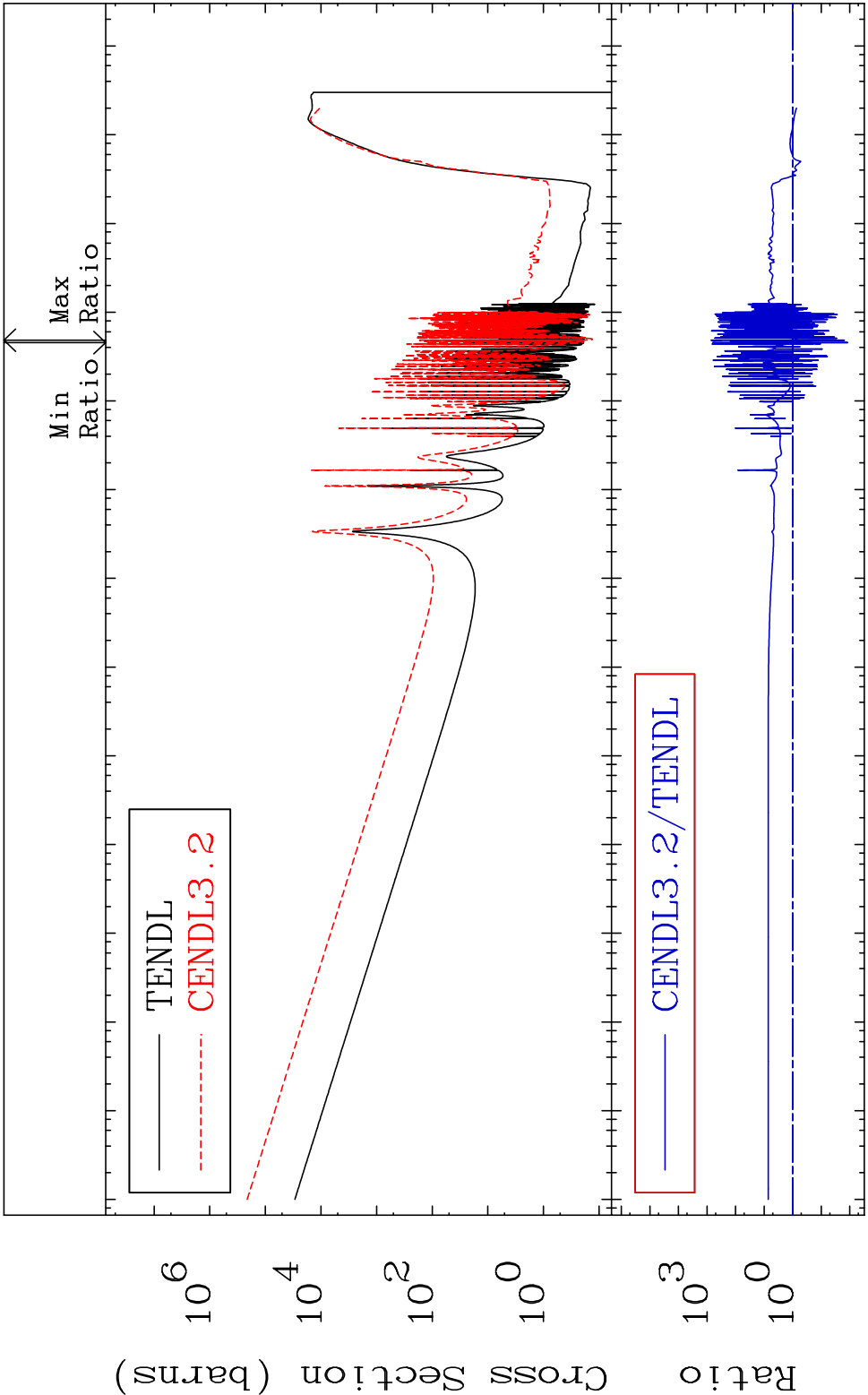
-97.77 To 9999. %



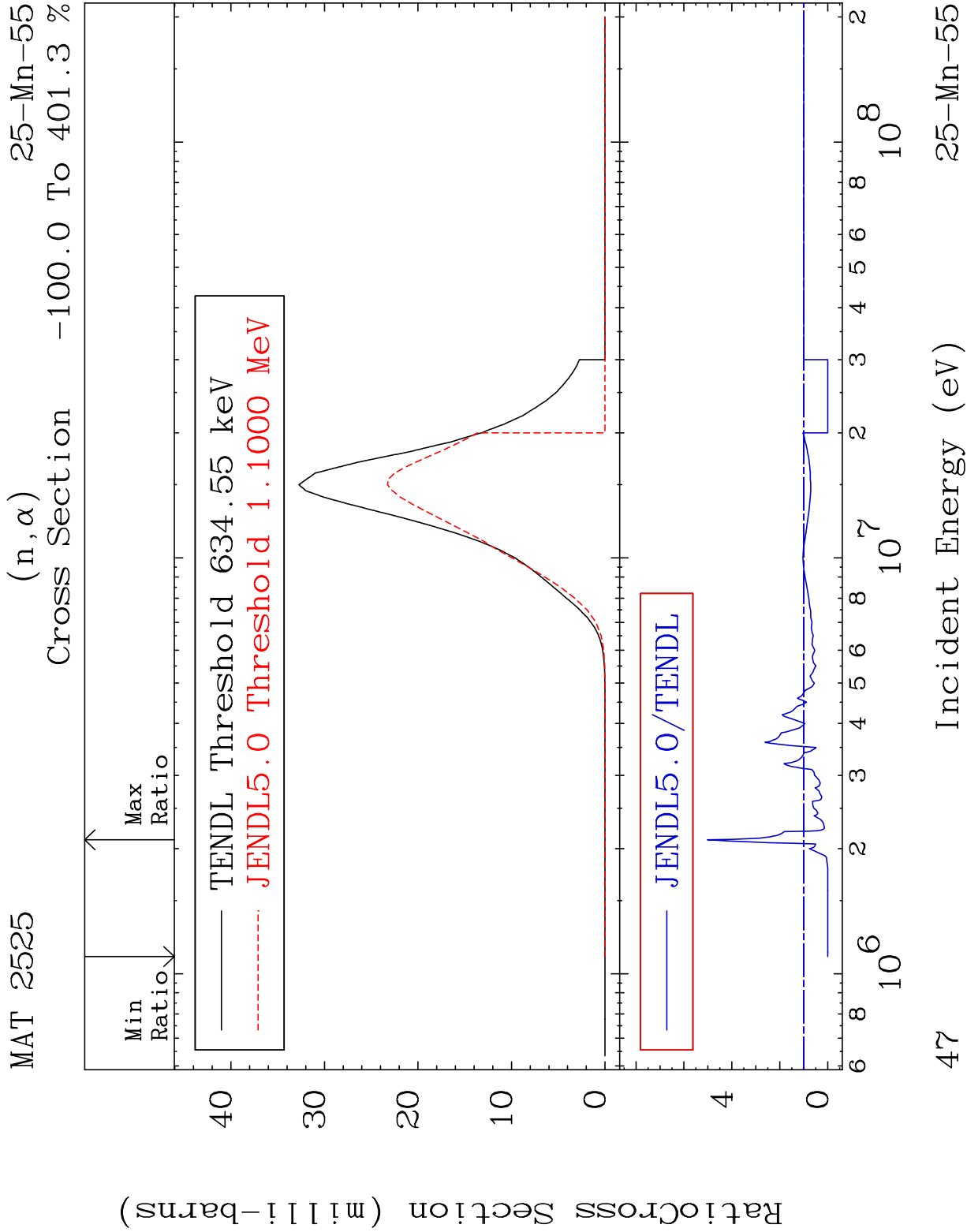
MAT 2525 Dpa inelastic (mt51-91) 25-Mn-55
Cross Section -100.0 To 76.67 %

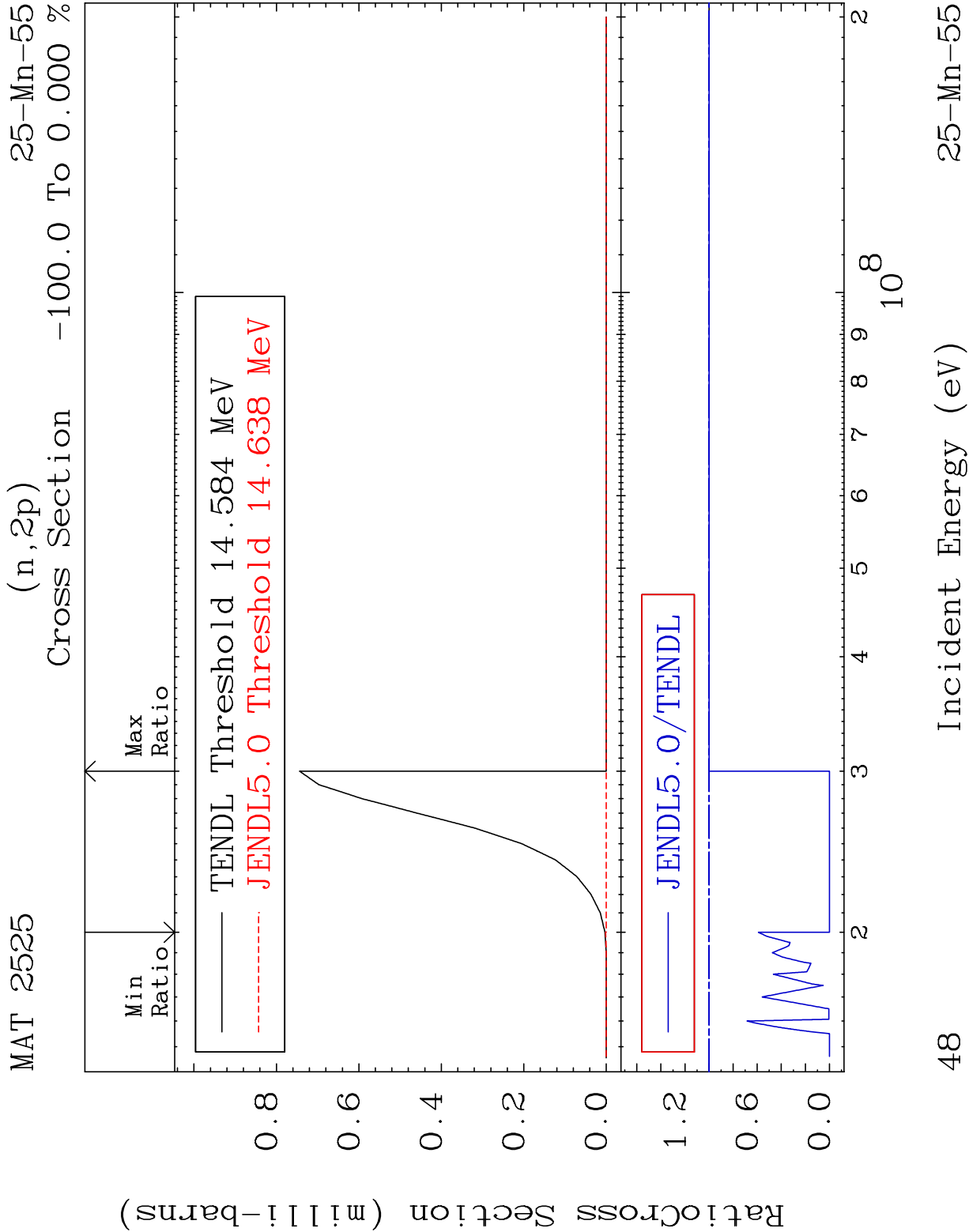


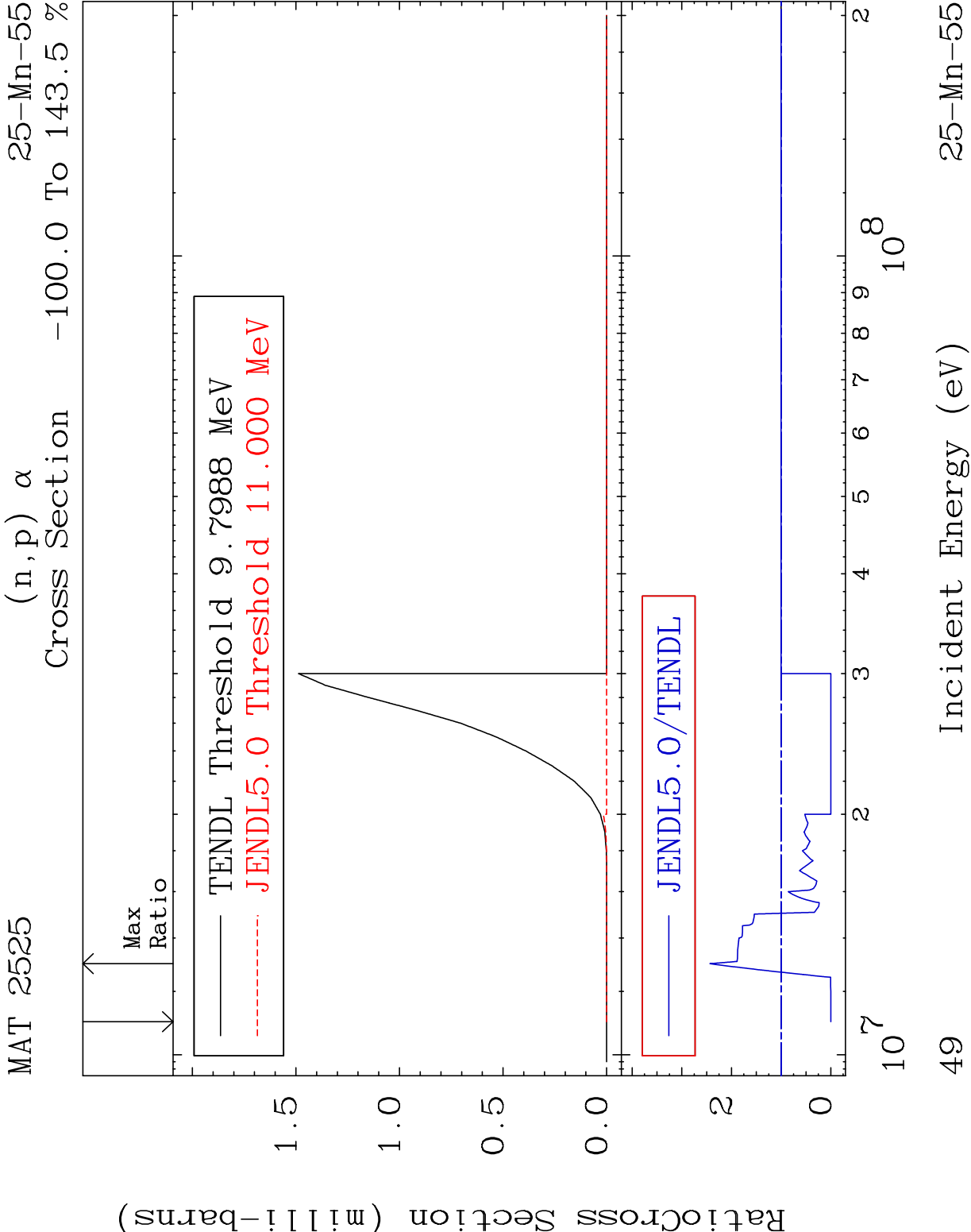
MAT 2525 Dpa disappearance (mt102 -120) 25-Mn-55
 Cross Section -98.83 To 9999. %

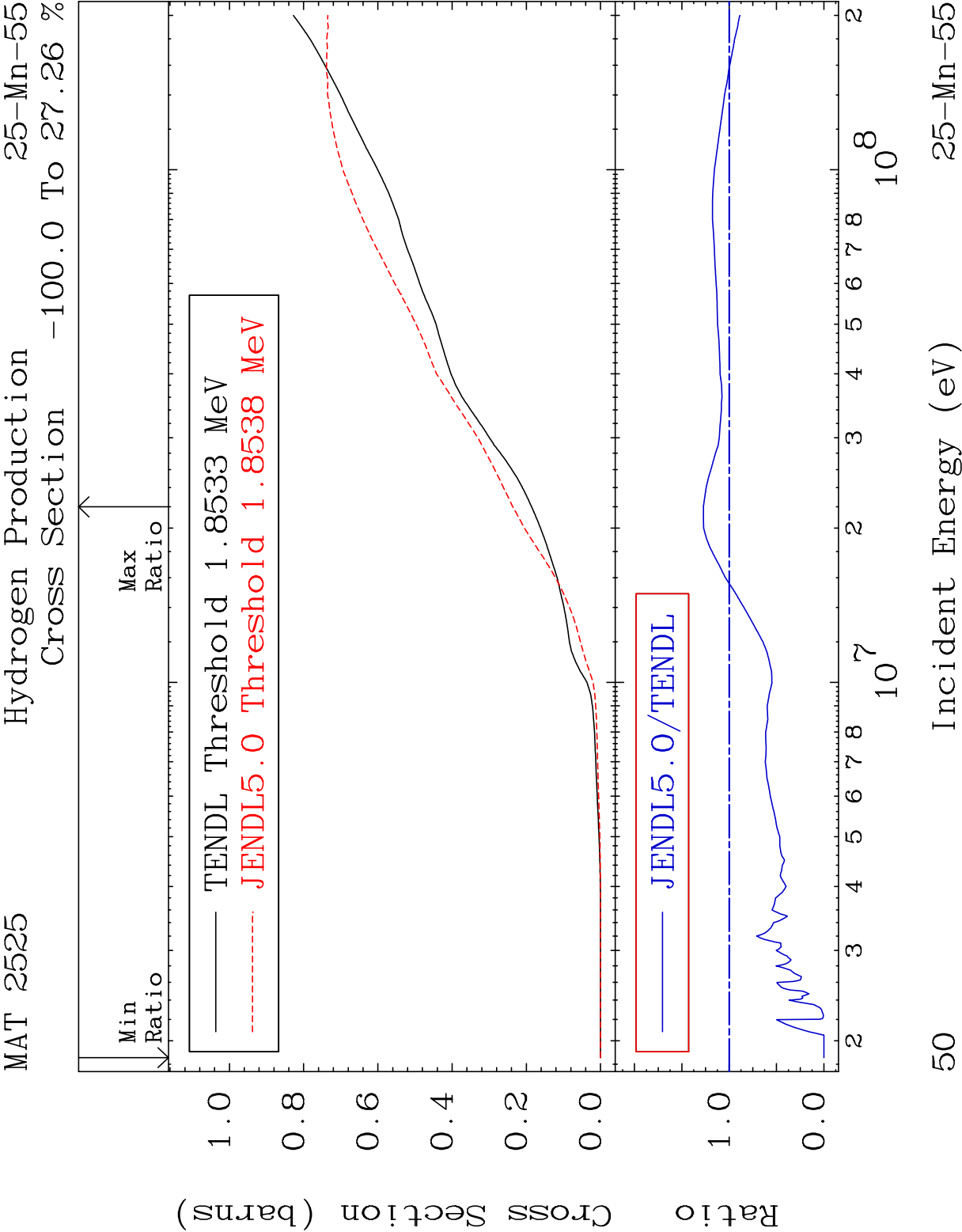


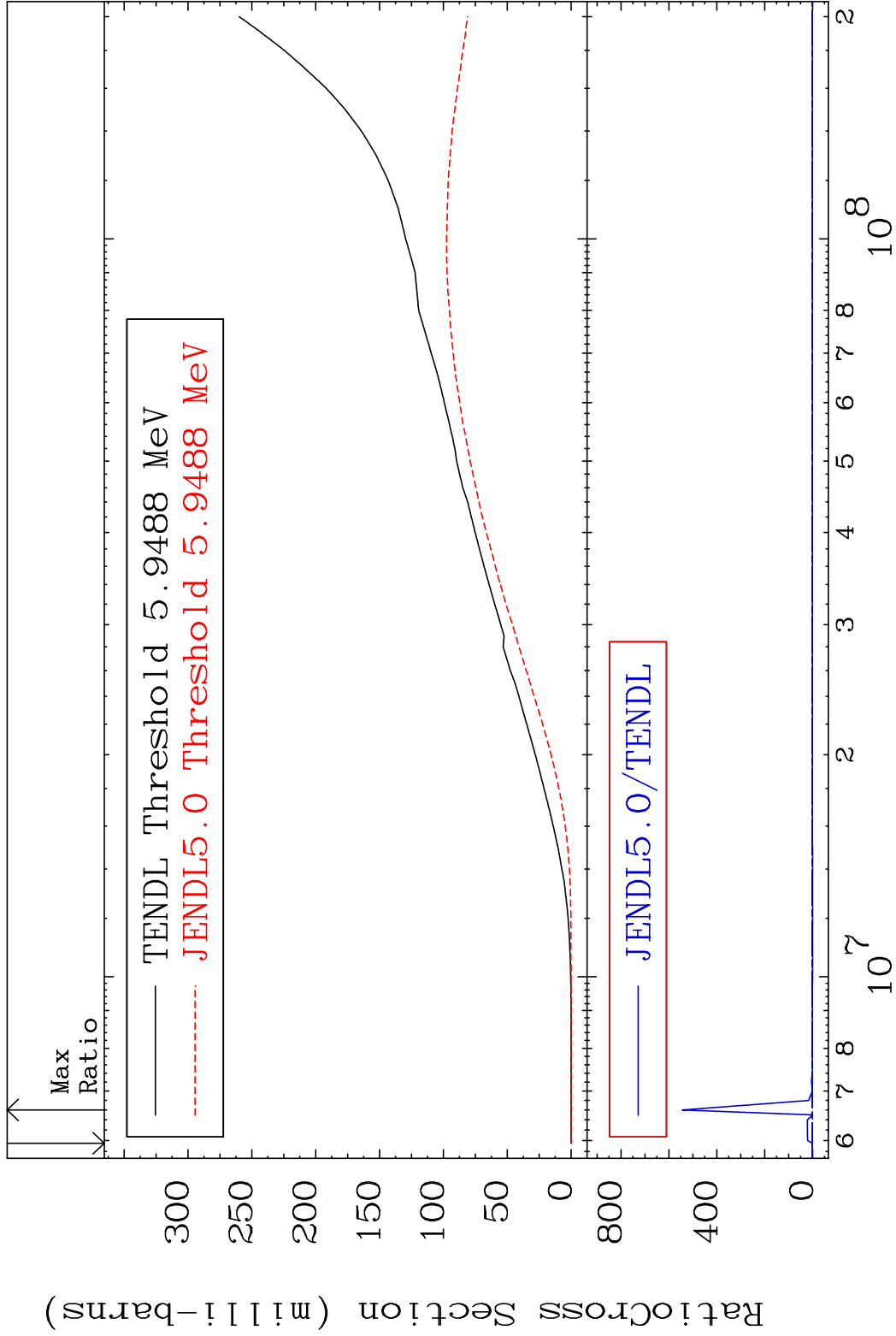
46 Incident Energy (eV) 25-Mn-55

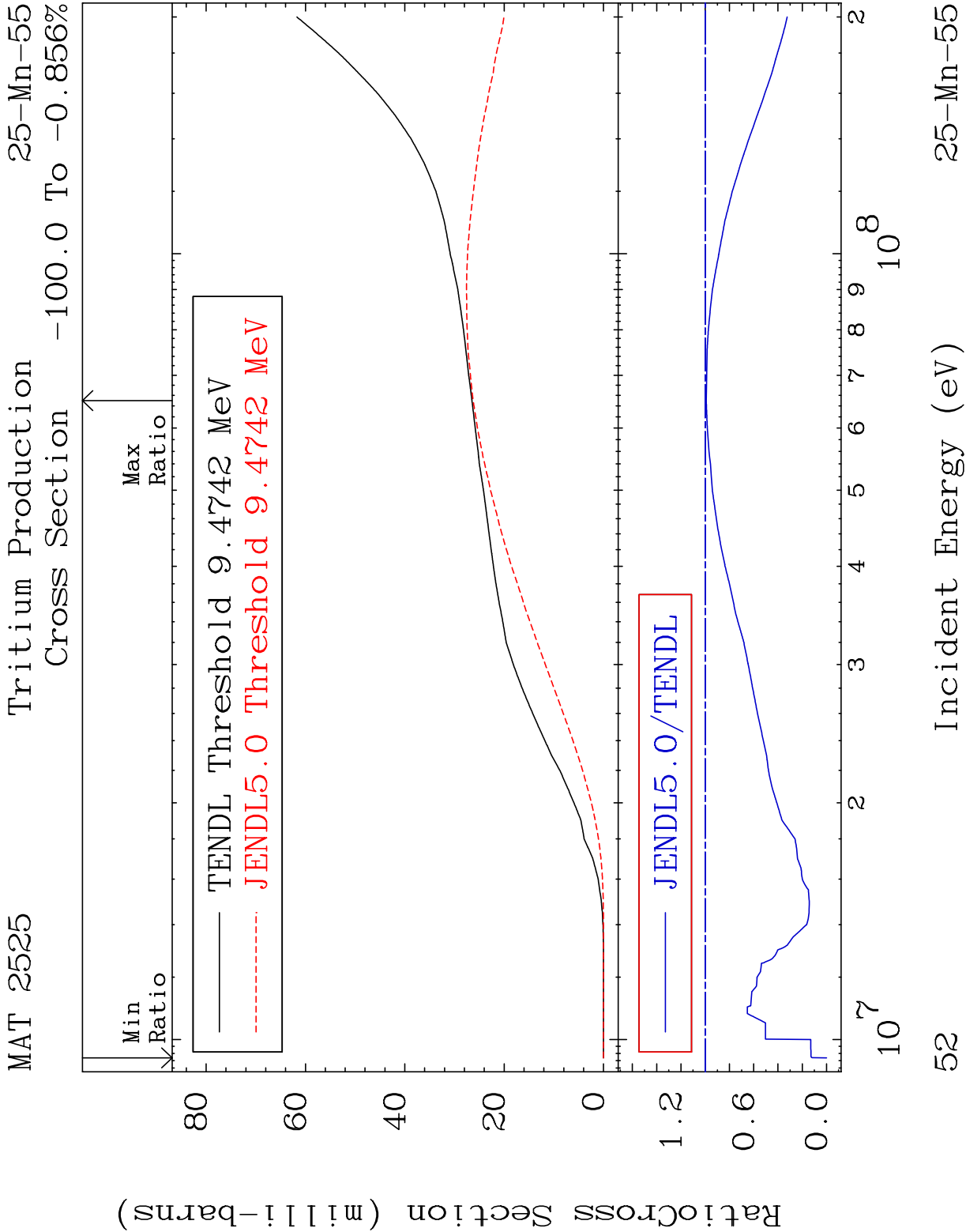


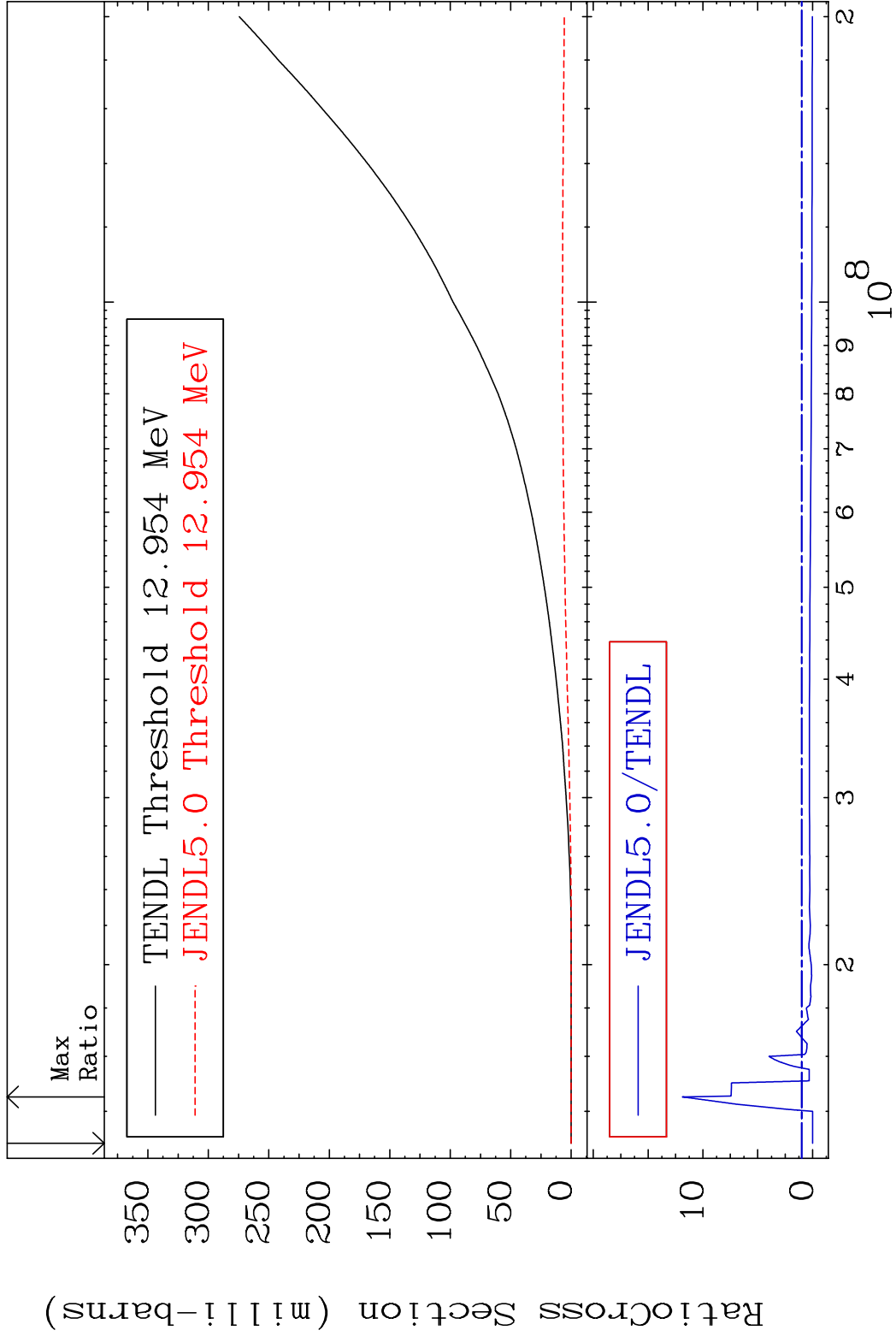


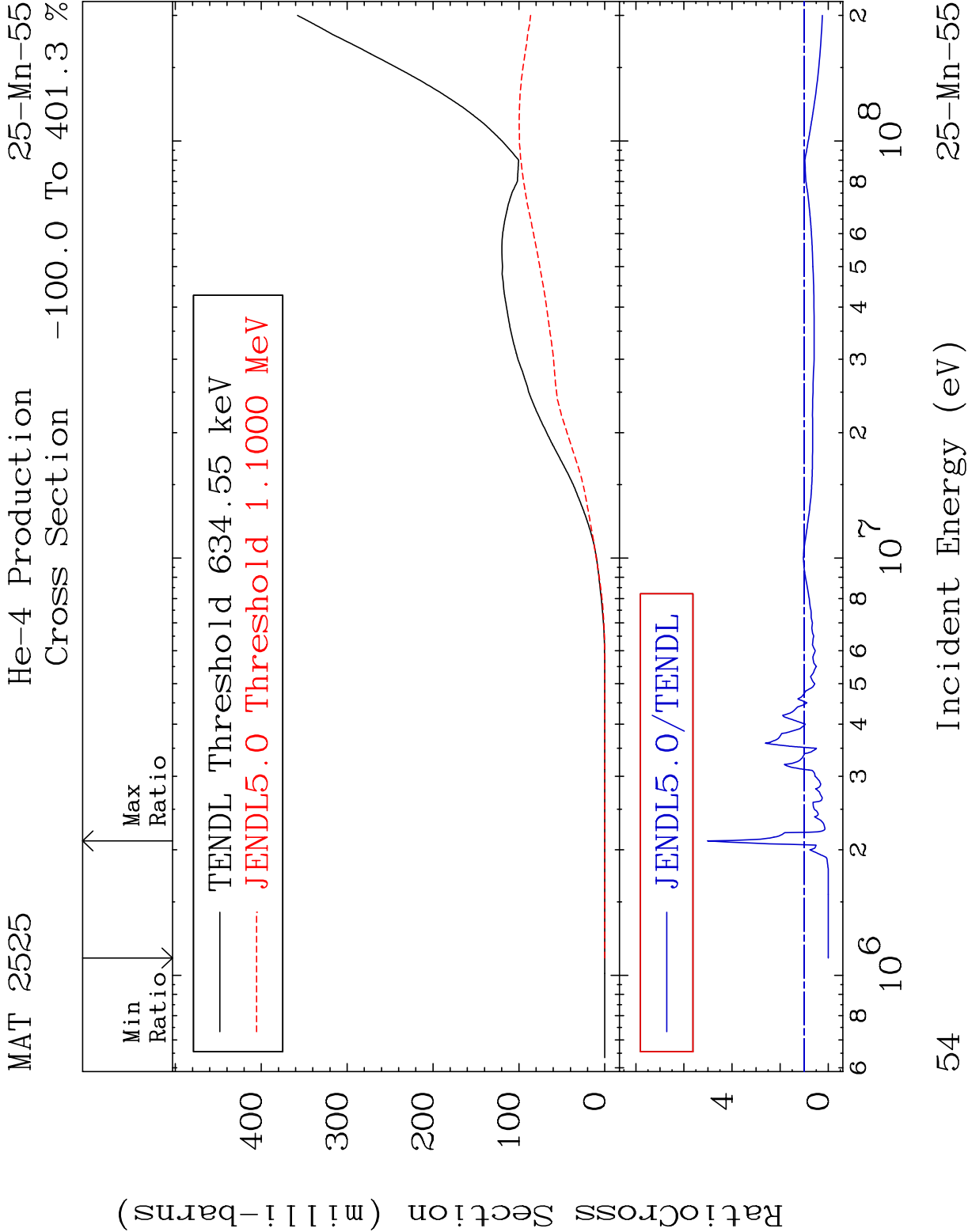


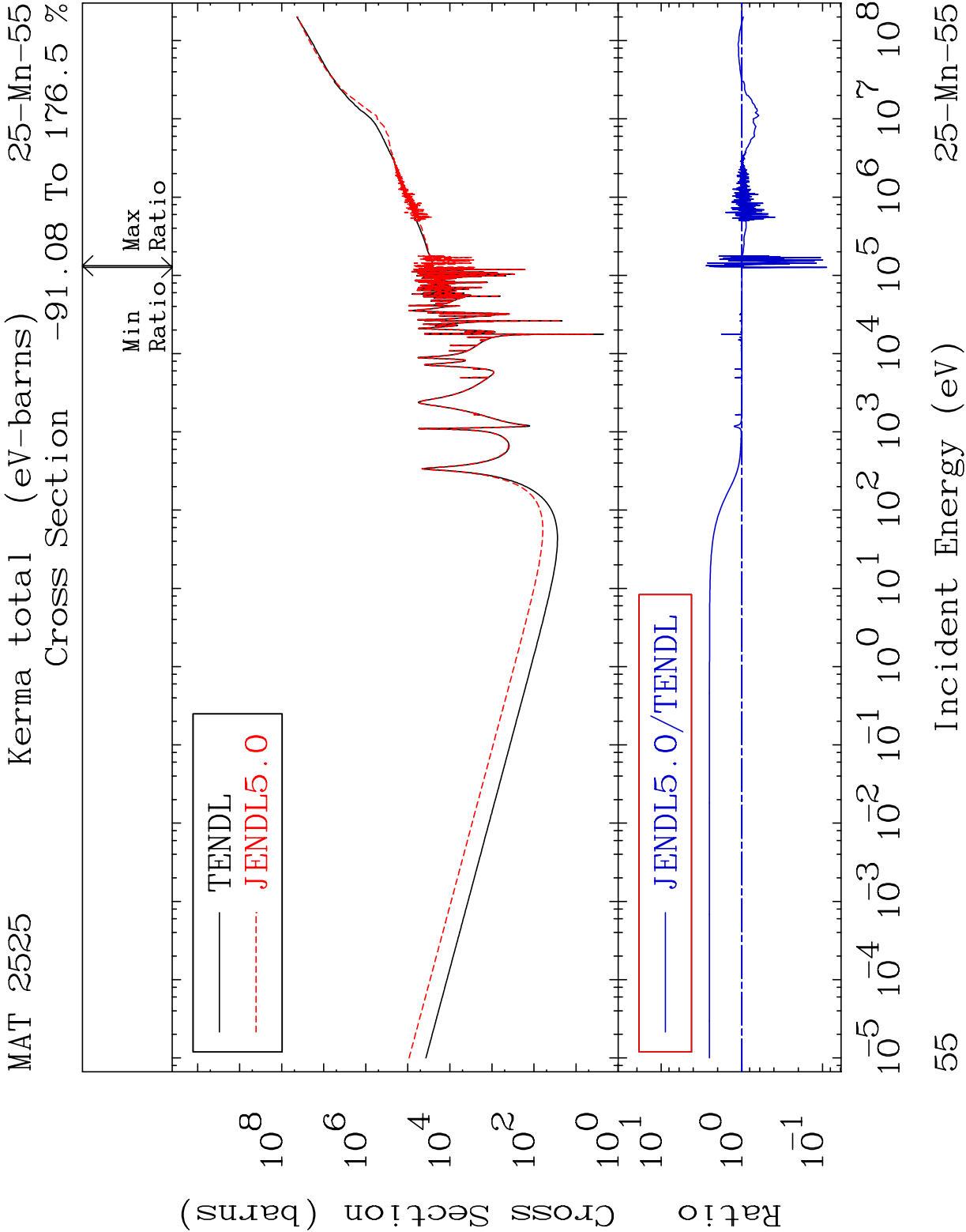




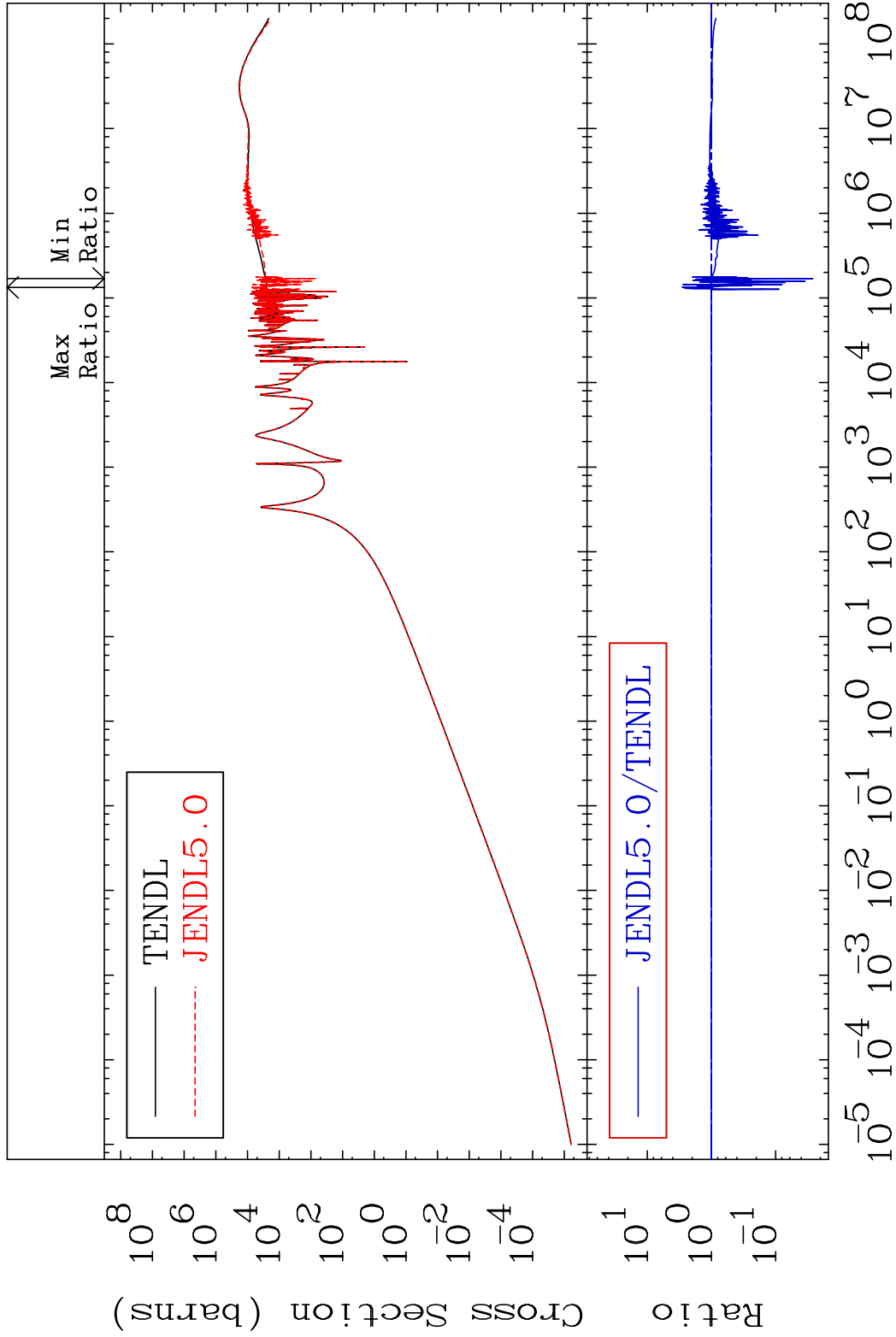






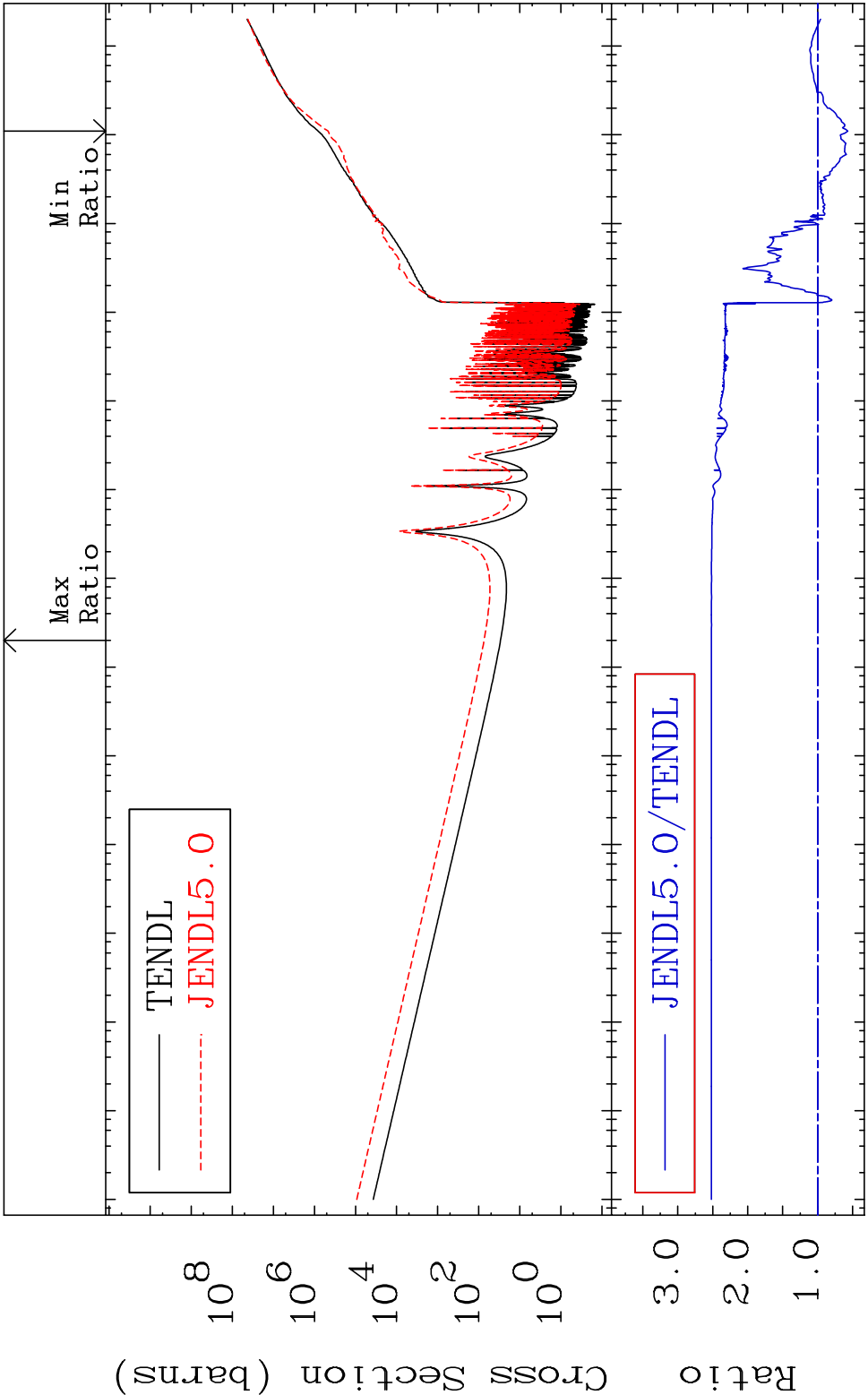


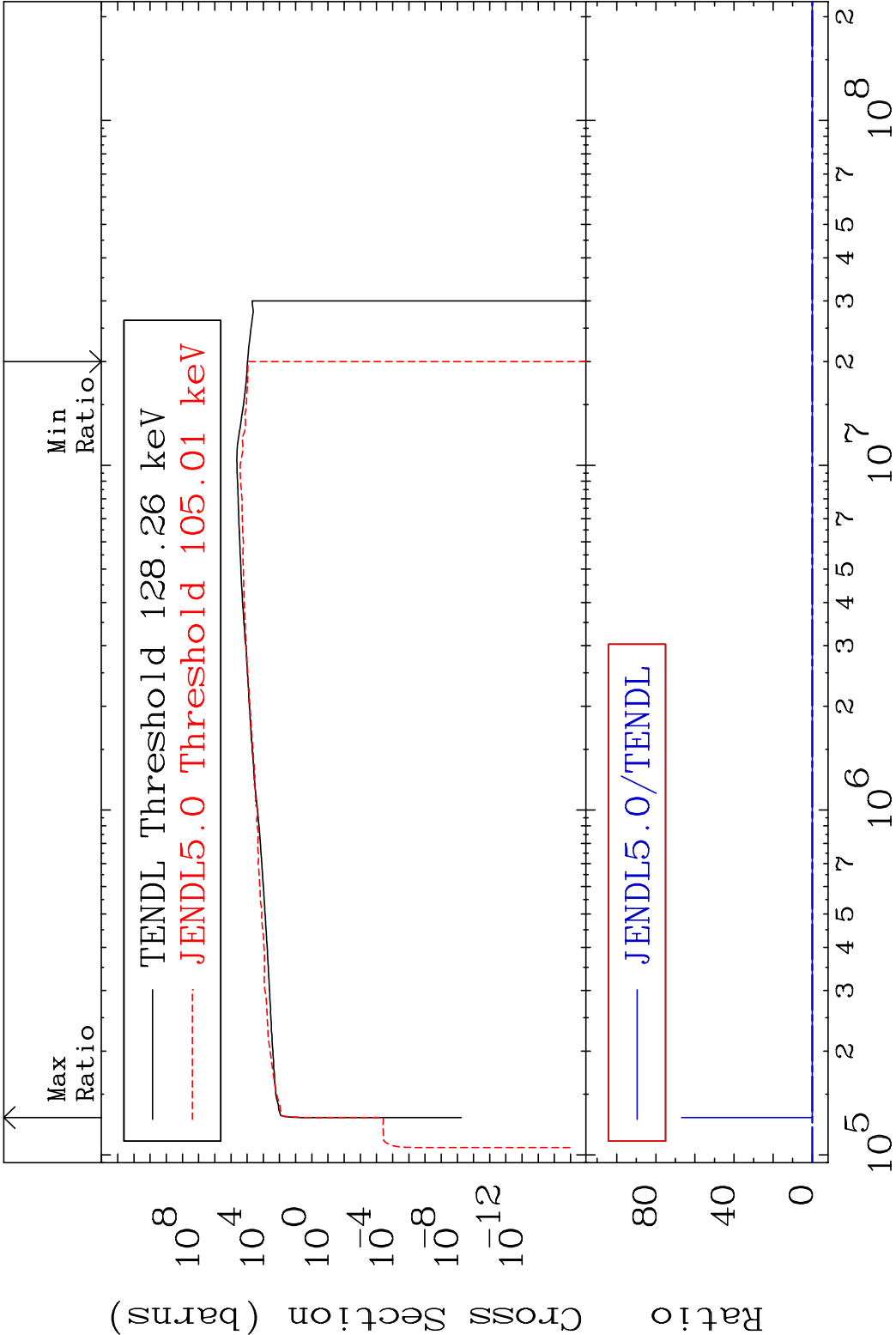
MAT 2525 Kerma elastic 25-Mn-55
Cross Section -97.35 To 184.0 %



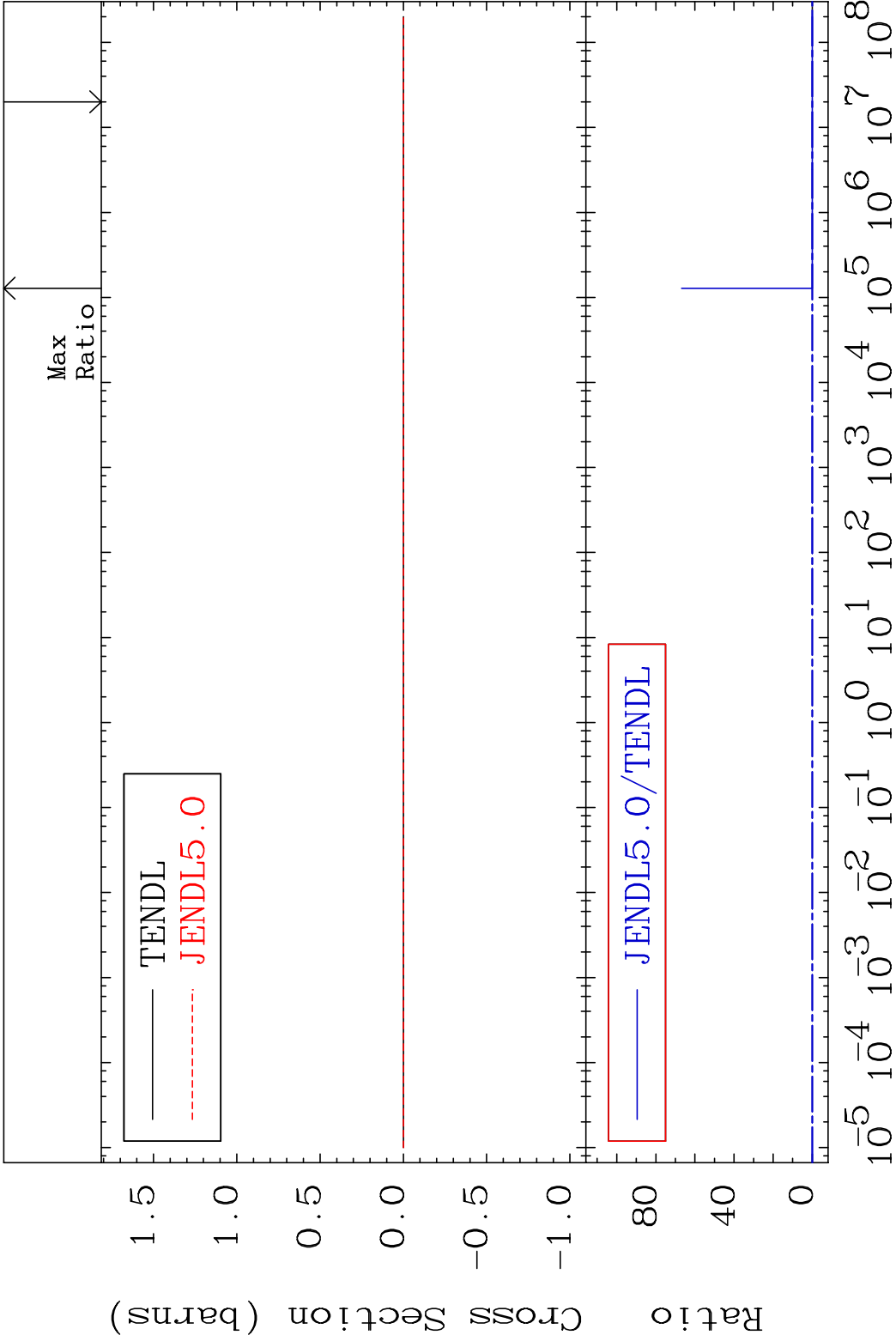
56 Incident Energy (eV) 25-Mn-55

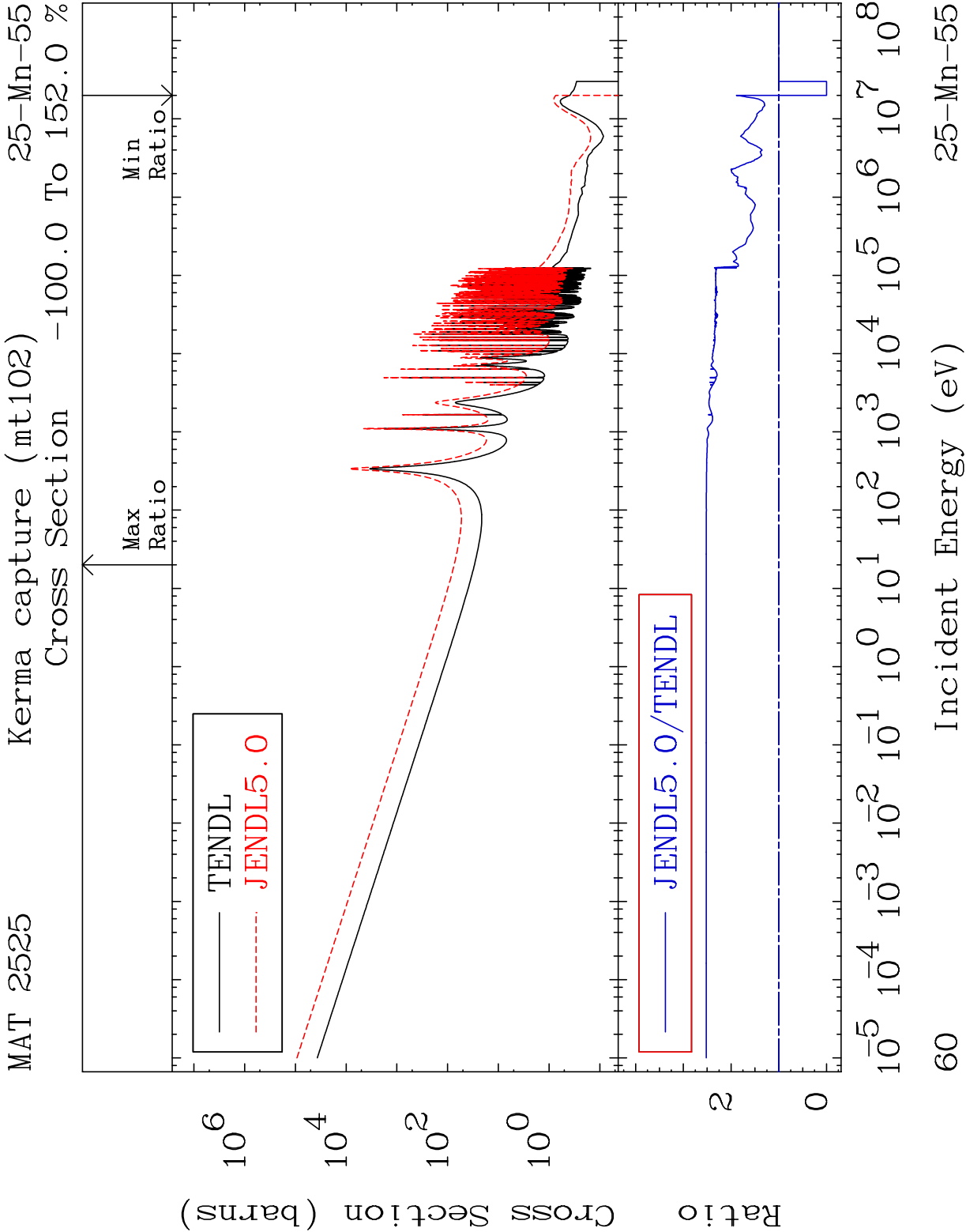
MAT 2525 Kerma non-elastic (all but mt2) 25-Mn-55
 Cross Section -43.03 To 152.0 %

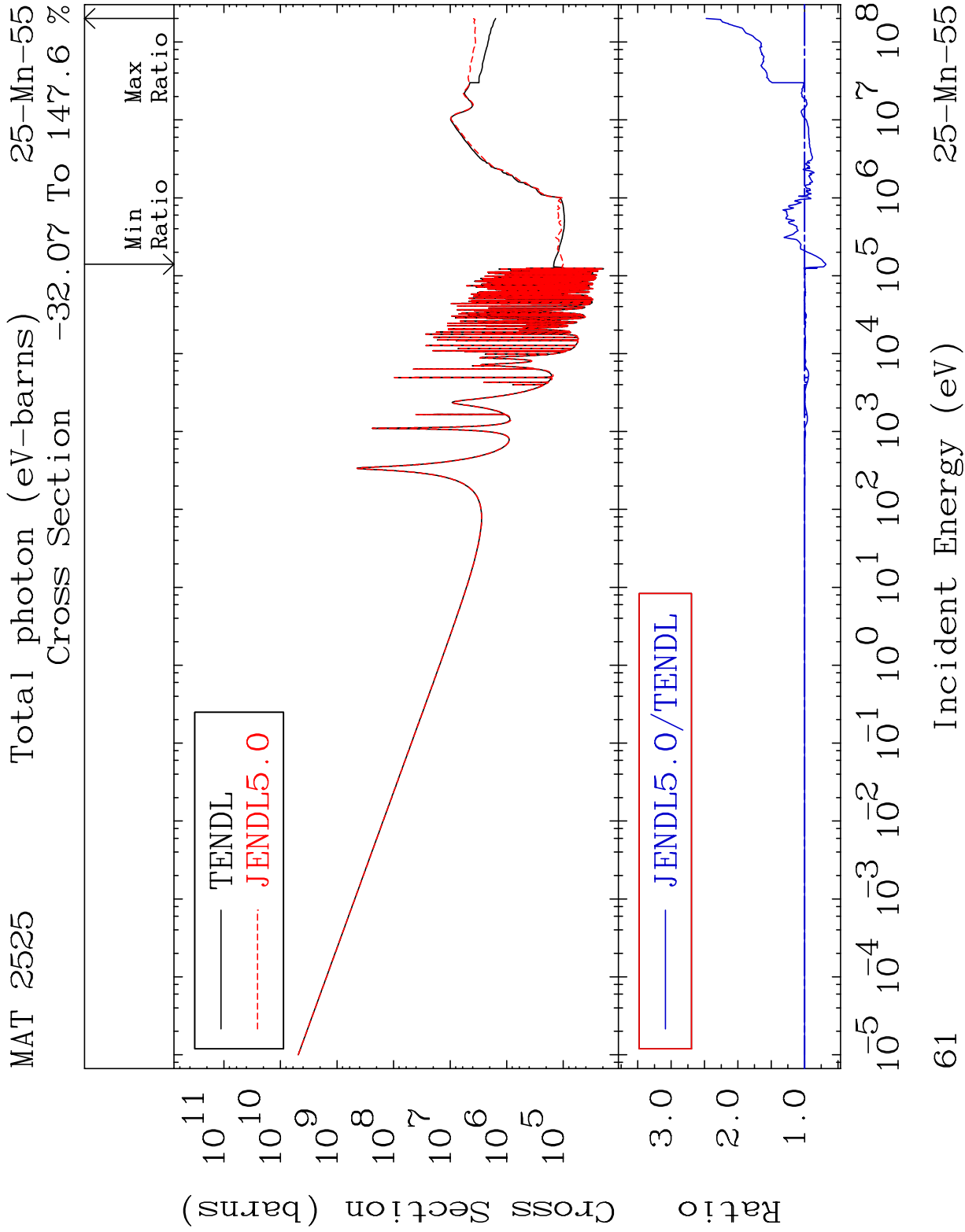




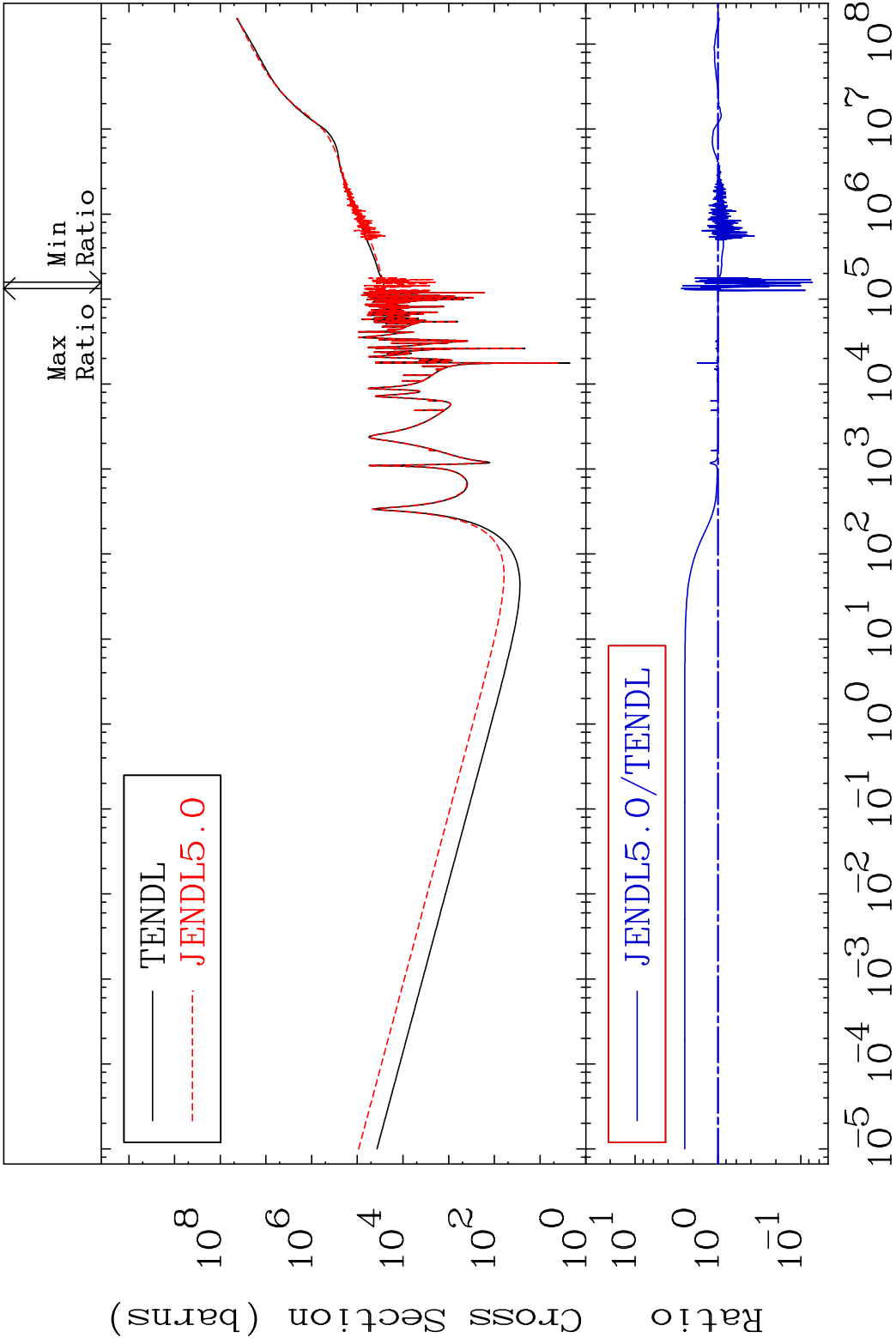
MAT 2525 Kerma fission (mt18 or mt19-20-21-38) 25-Mn-55
Cross Section -100.0 To 9999. %





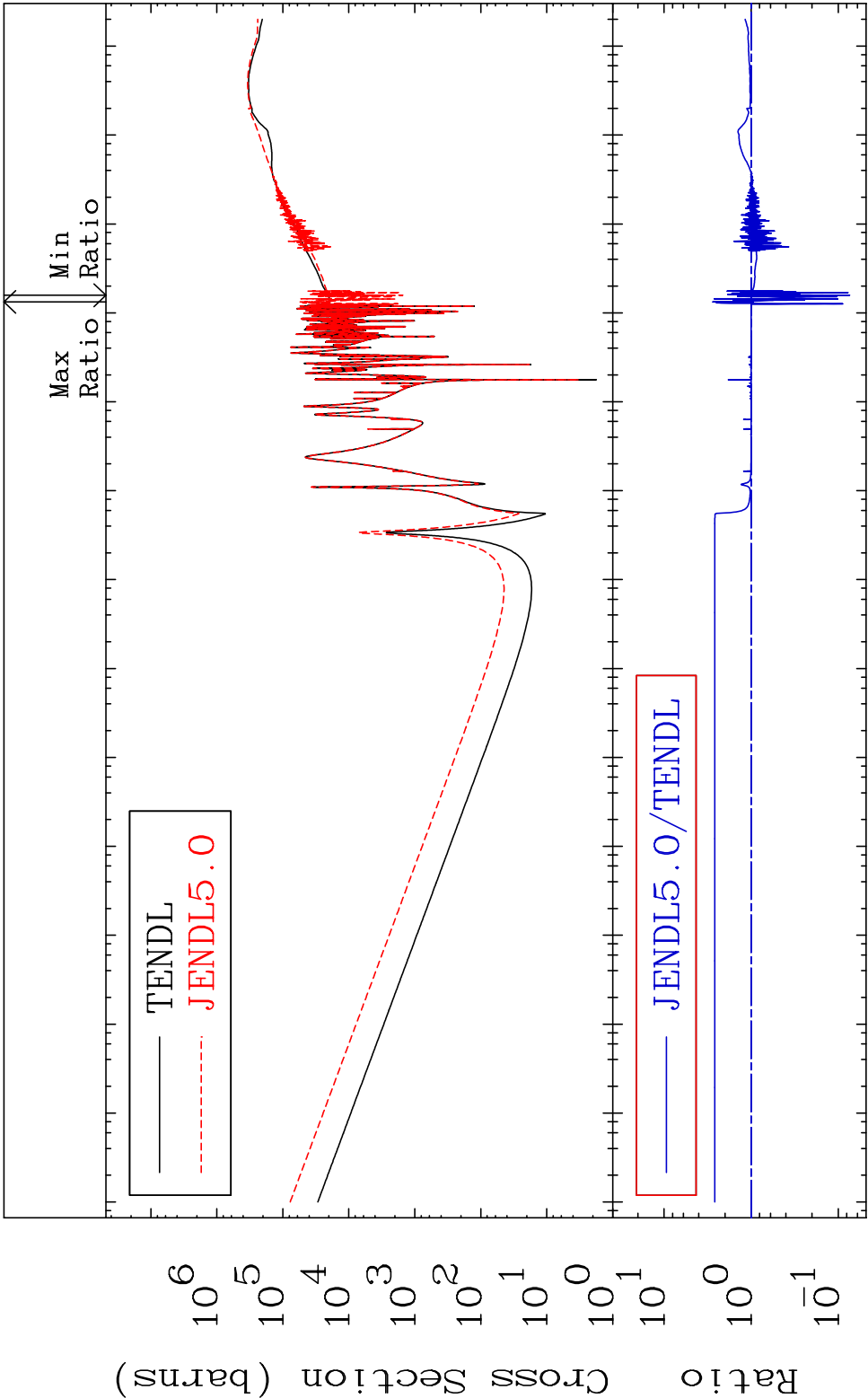


MAT 2525 Total kinematic kerma (high limit) 25-Mn-55
Cross Section -92.71 To 175.0 %



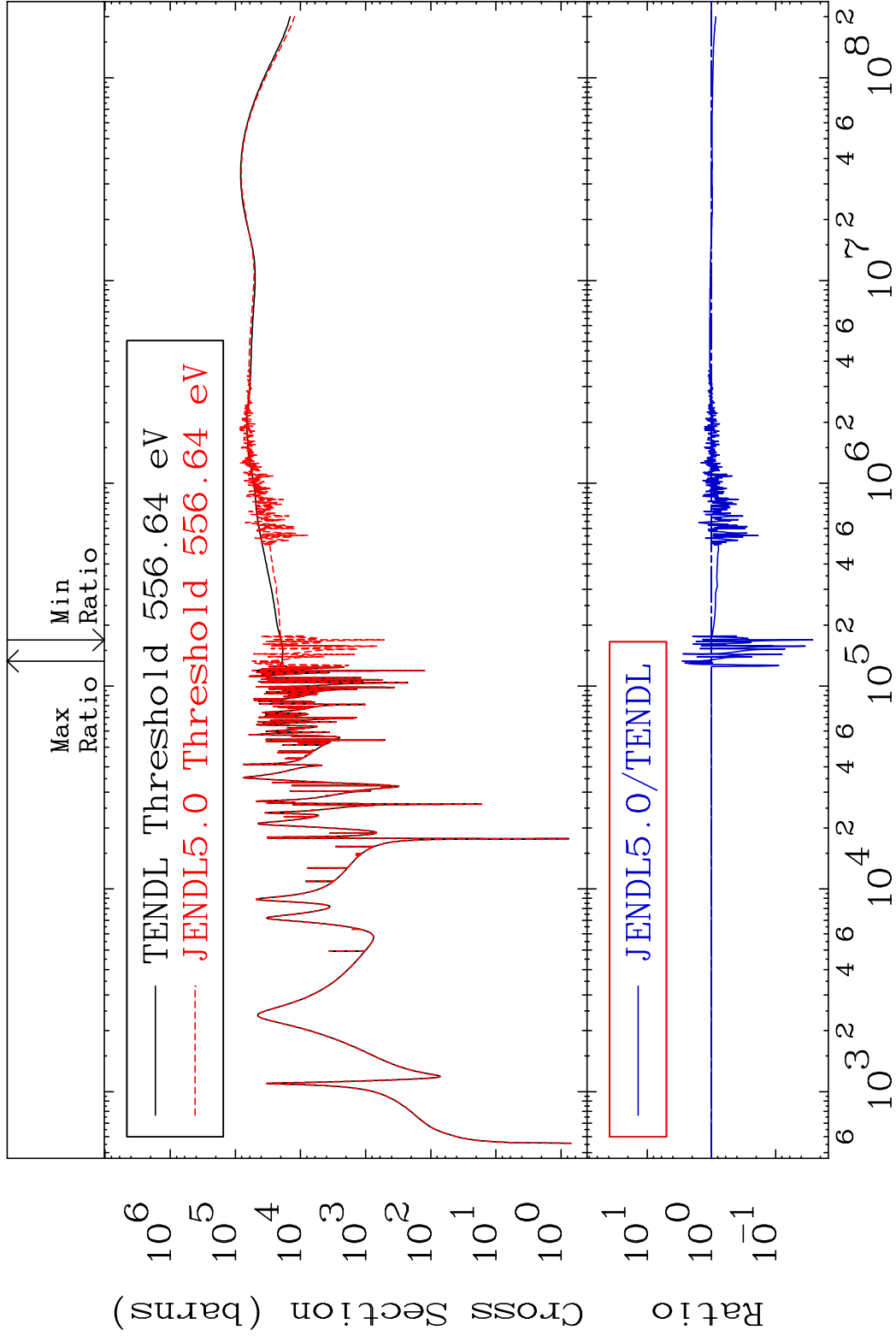
62 Incident Energy (eV) 25-Mn-55

MAT 2525 Dpa total (eV-barns) 25-Mn-55
Cross Section -92.59 To 175.7 %

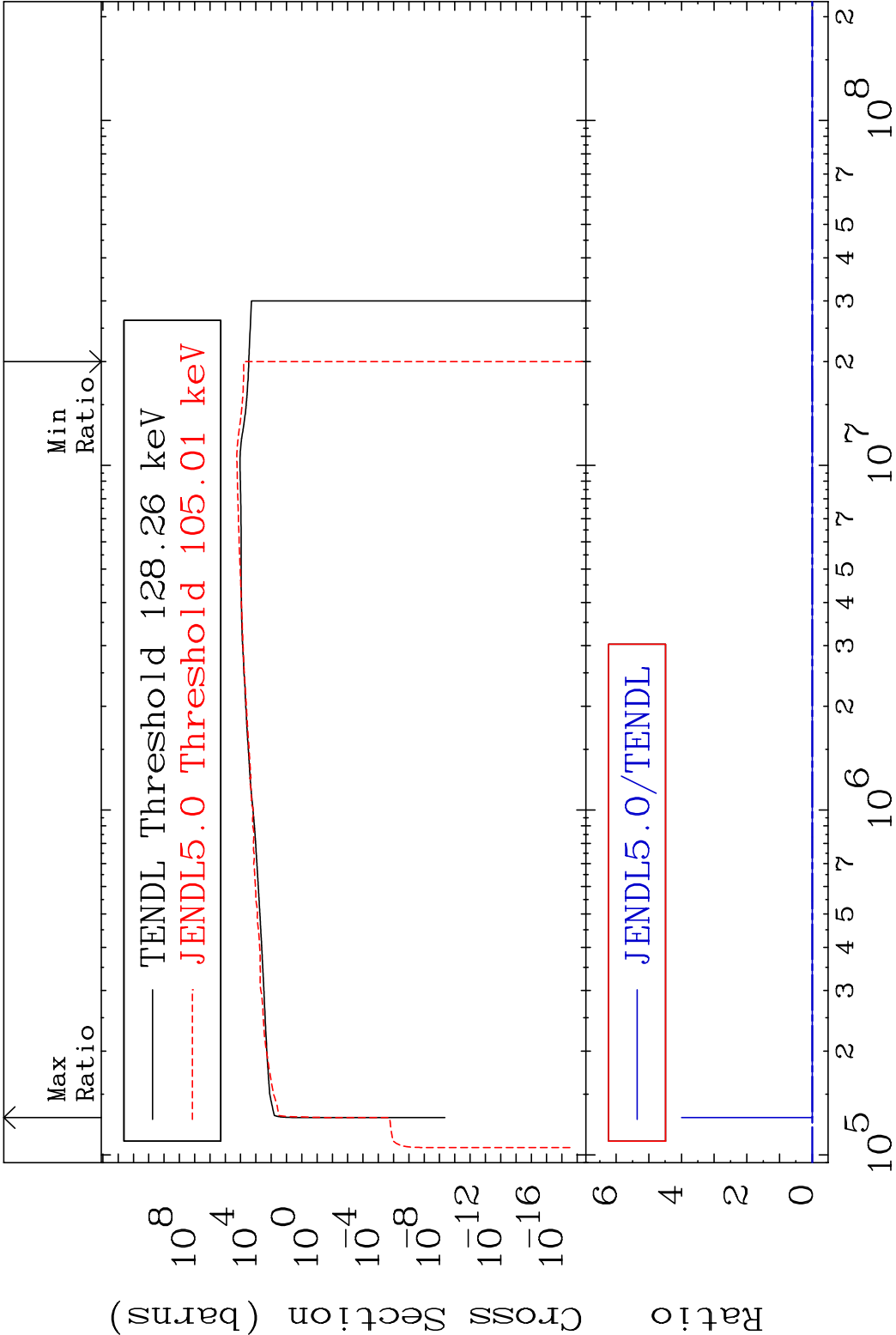


63 Incident Energy (eV) 25-Mn-55

MAT 2525 Dpa elastic (mt2) 25-Mn-55
 Cross Section -97.35 To 184.0 %



MAT 2525 Dpa inelastic (mt51-91) 25-Mn-55
Cross Section -100.0 To 9999. %



65 Incident Energy (eV) 25-Mn-55

MAT 2525 Dpa disappearance (mt102 -120) 25-Mn-55
Cross Section -100.0 To 162.4 %

