

Program Complot
(Version 2021-1)

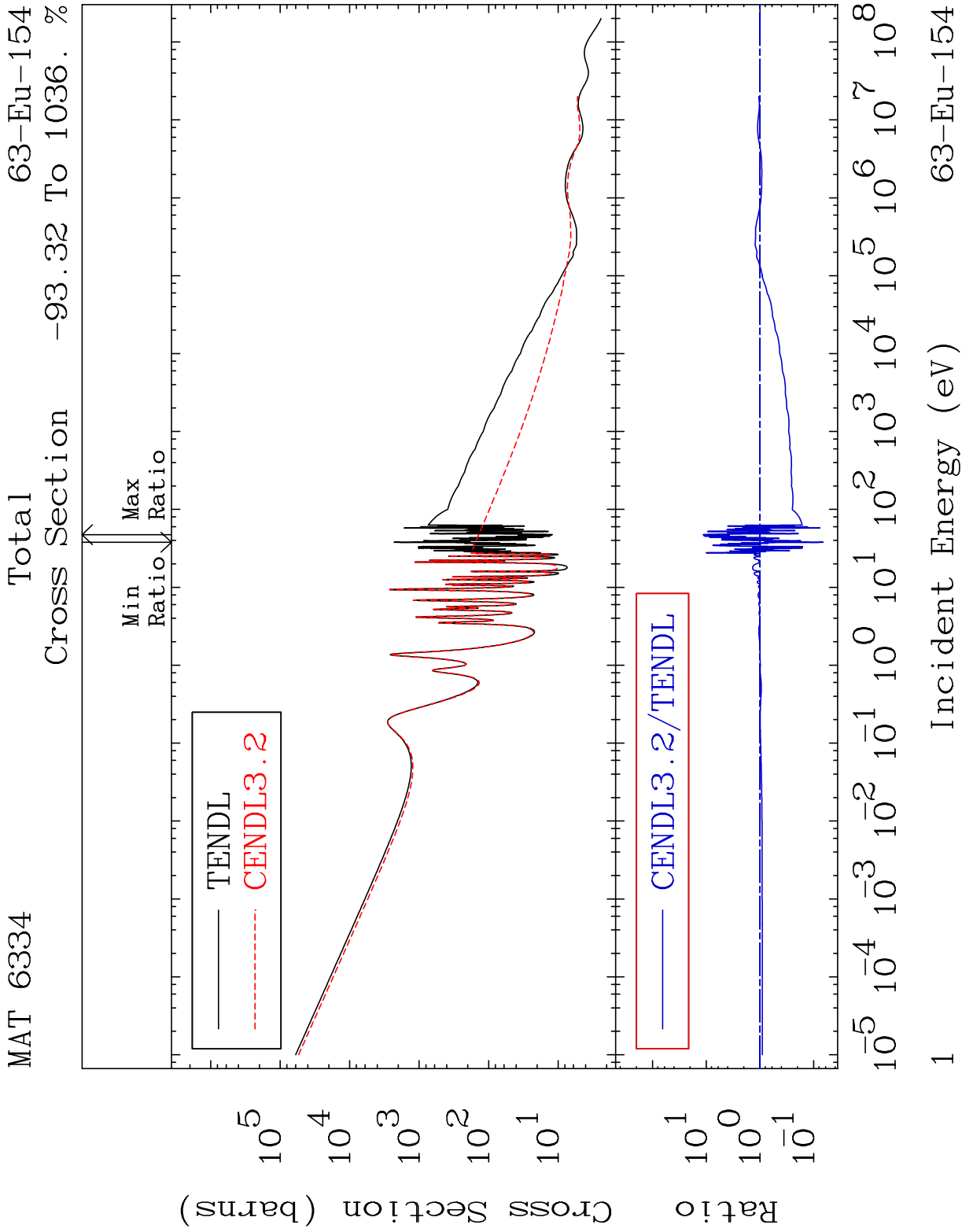
by

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Press Mouse Button to Start

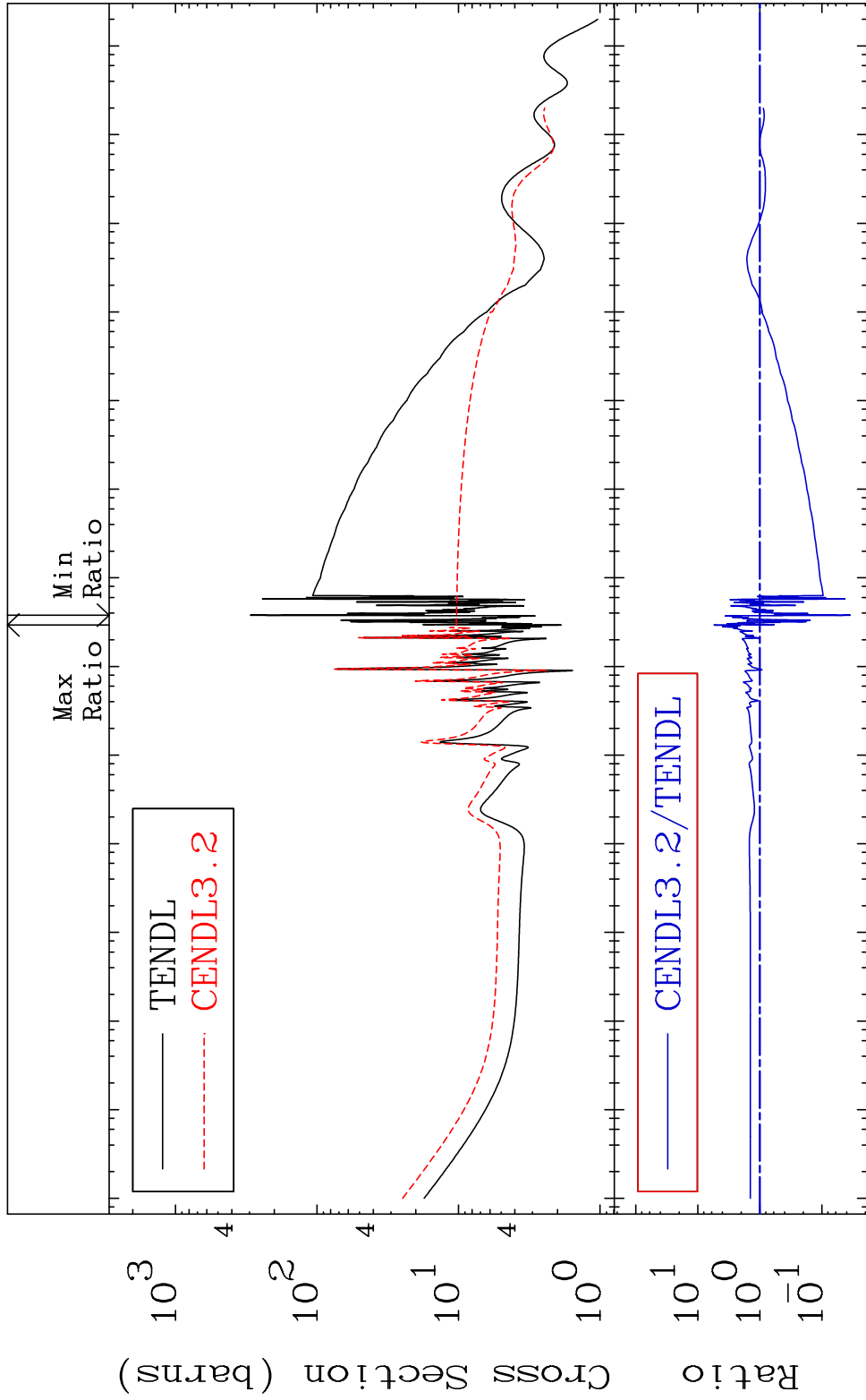


MAT 6334

Elastic

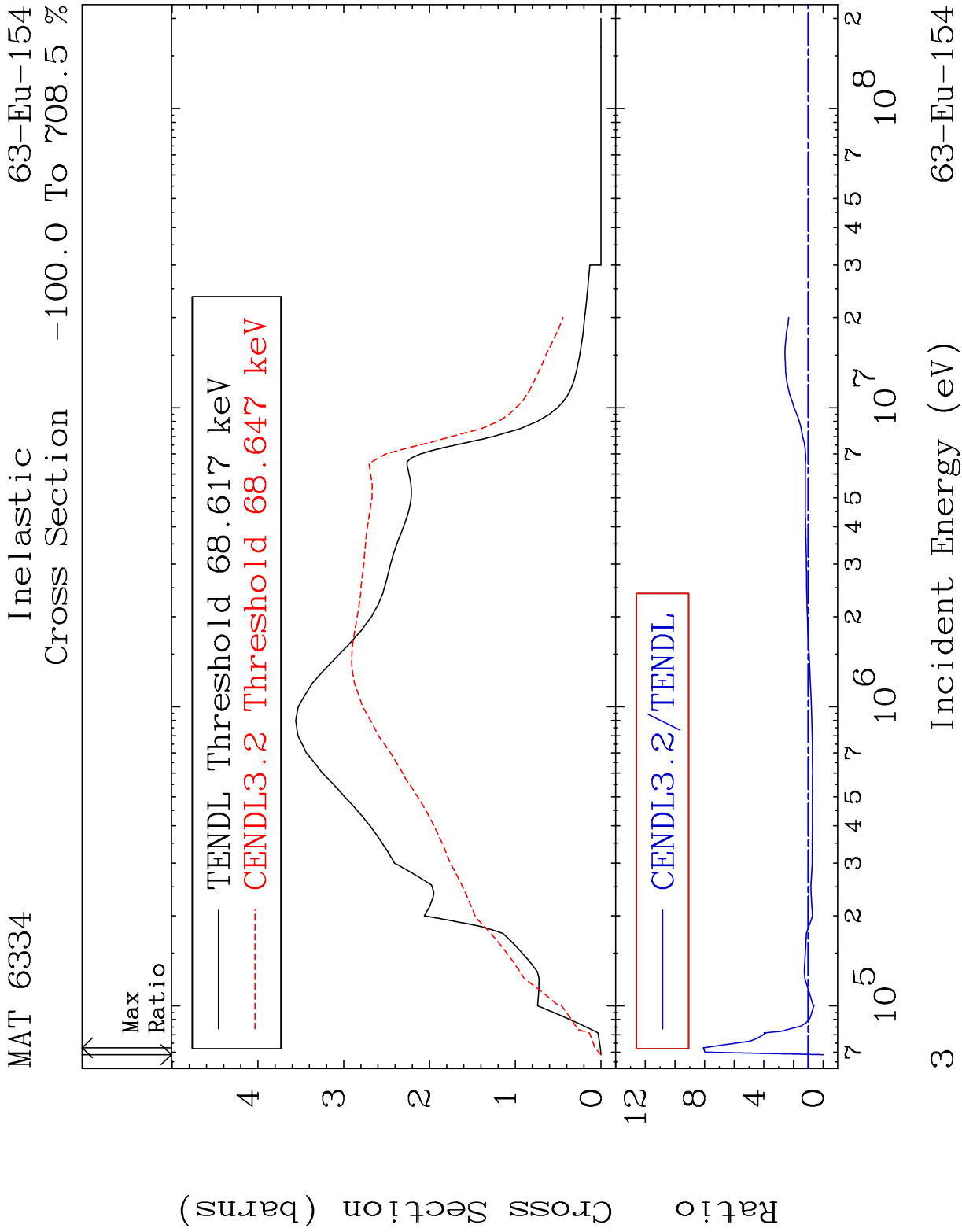
63-Eu-154

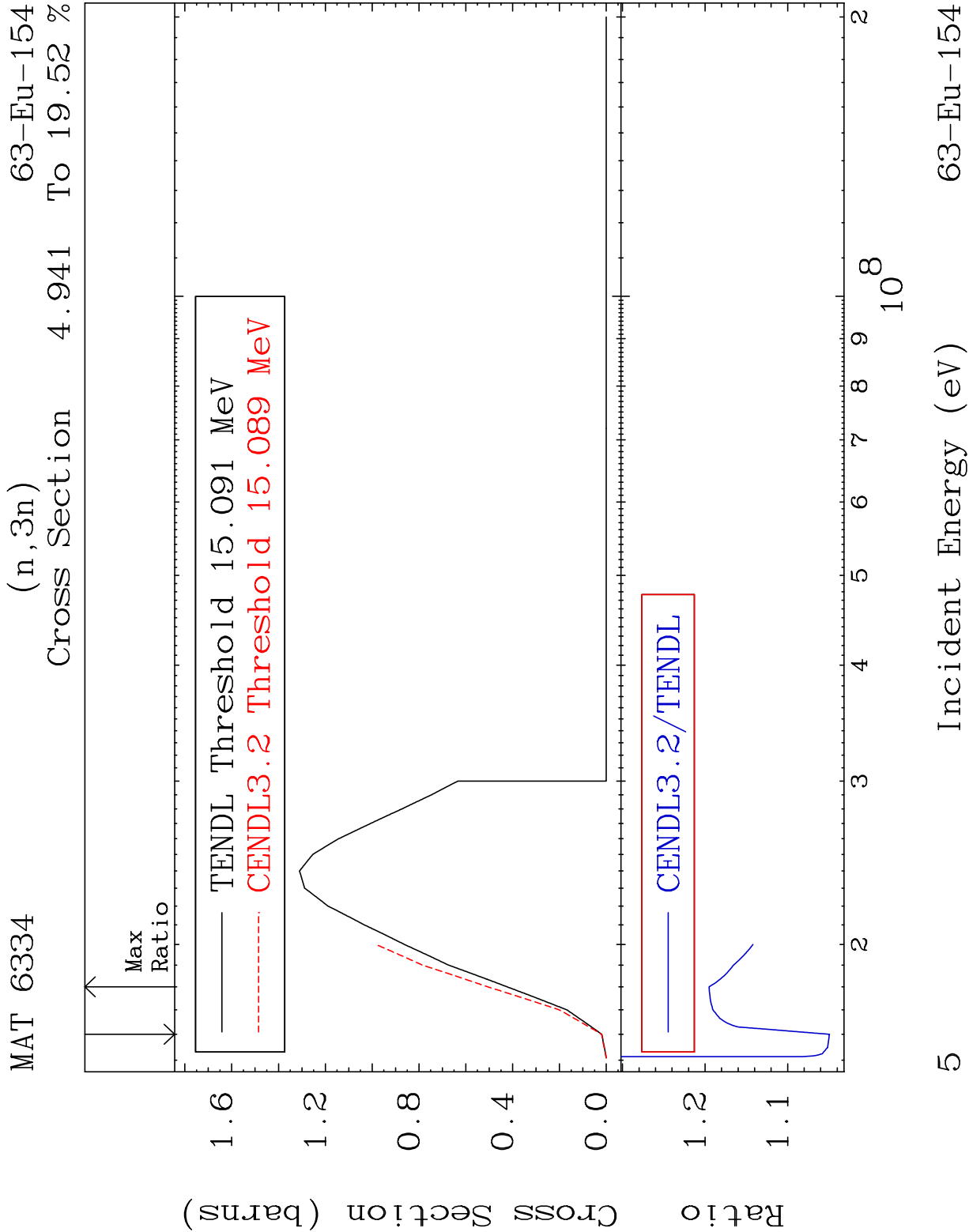
Cross Section -96.50 To 448.5 %

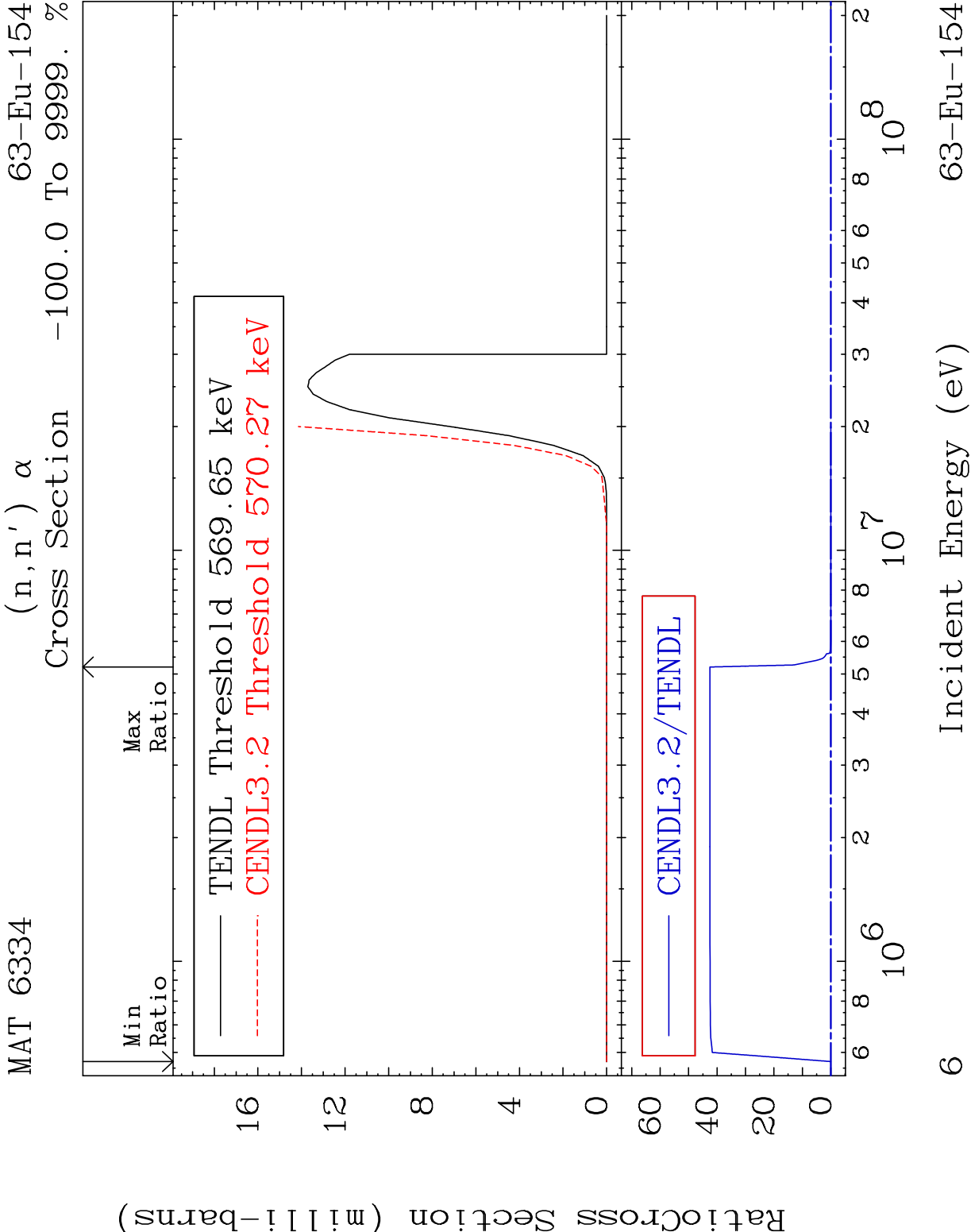


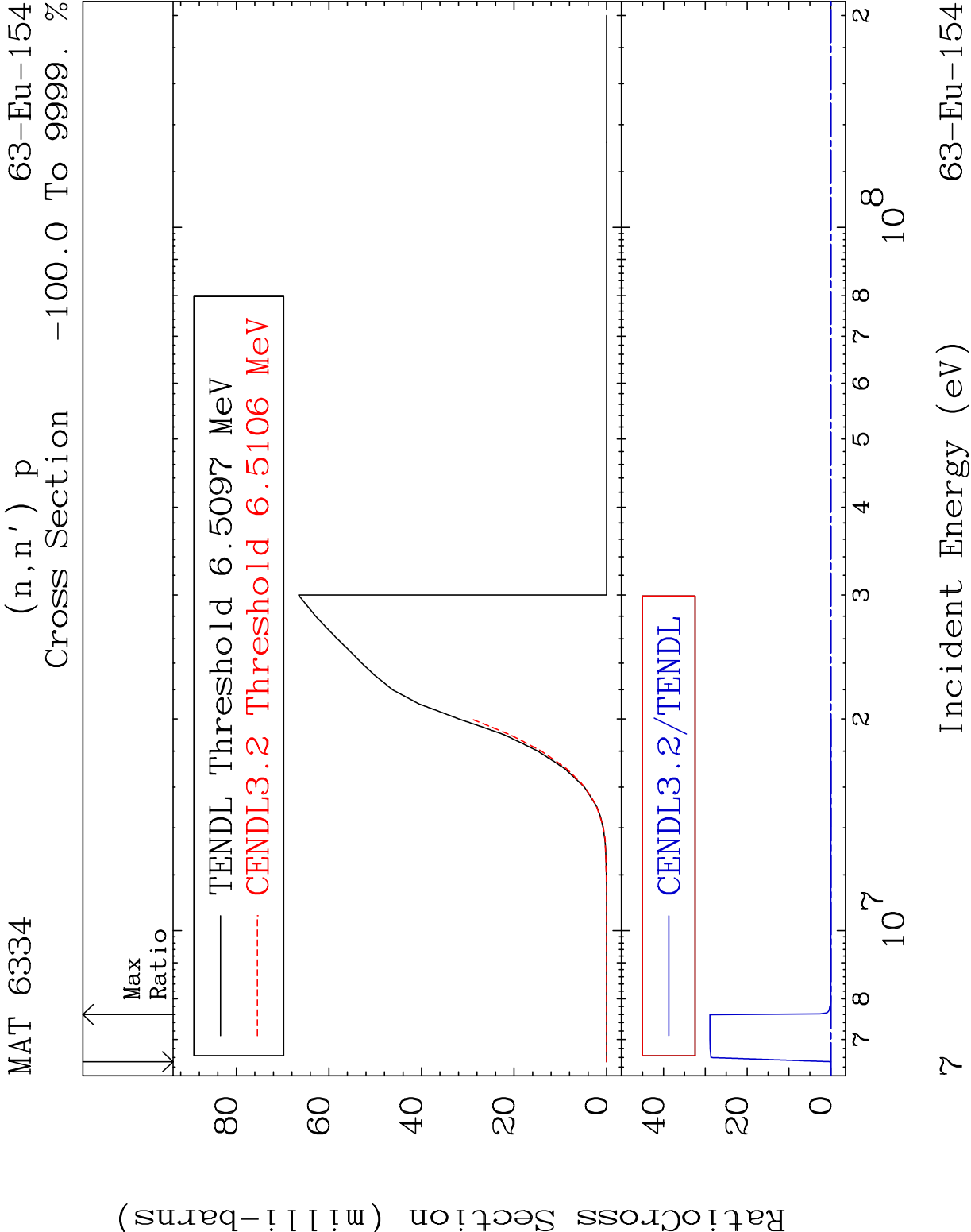
Incident Energy (eV)

63-Eu-154

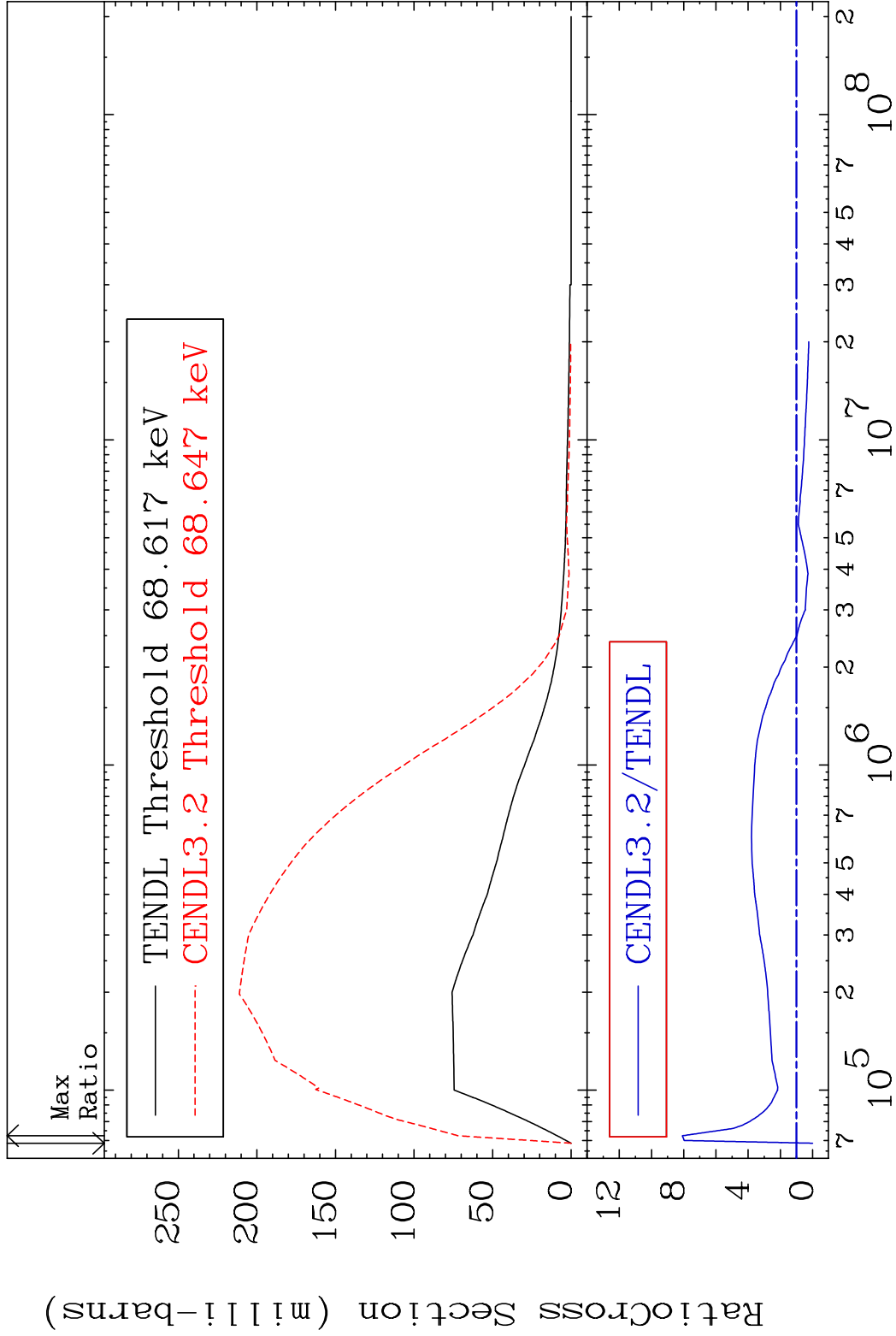








MAT 6334 MT= 51 (n,n') Level 63-Eu-154
Cross Section -100.0 To 708.5 %



MAT 6334

MT= 52 (n,n')

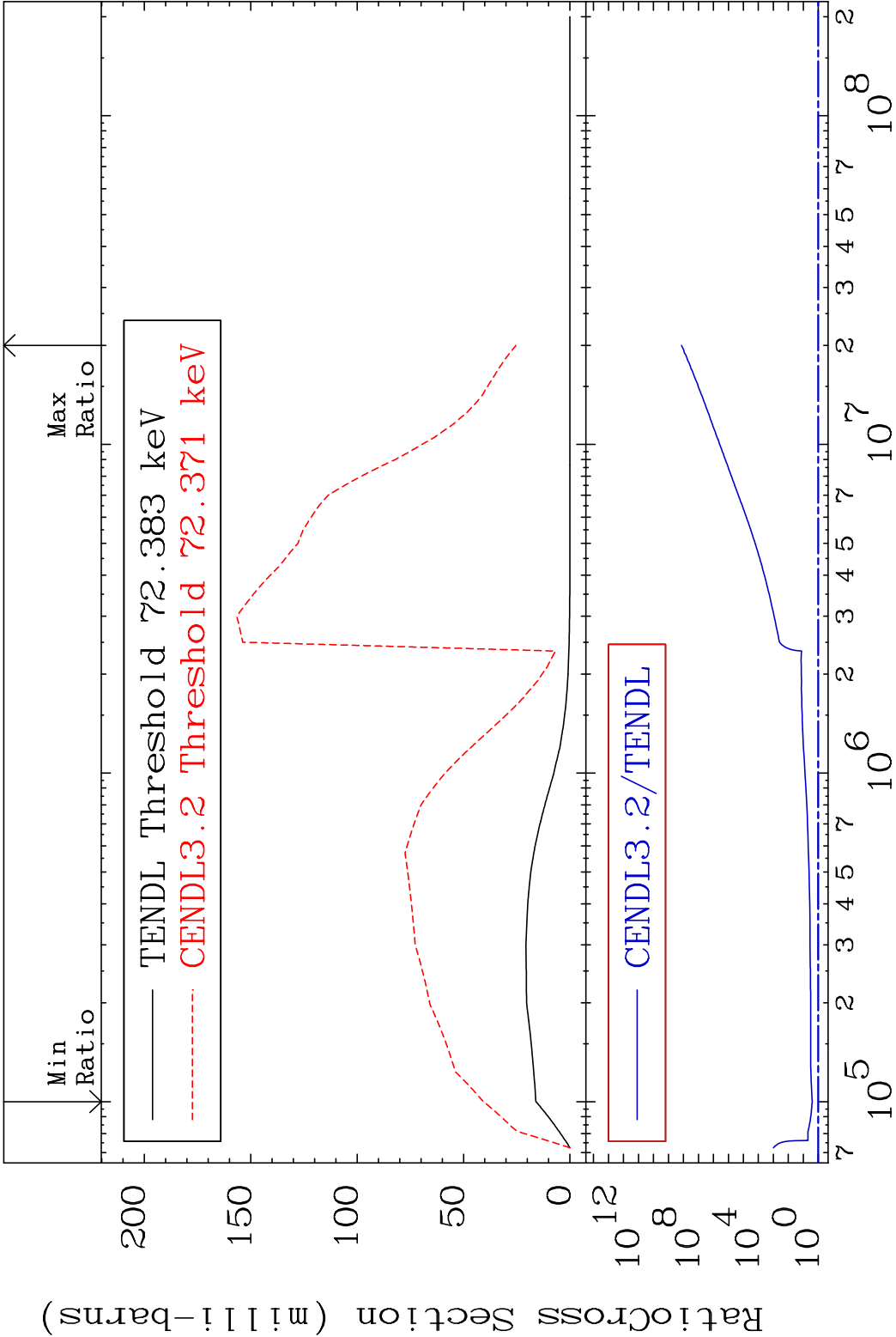
Level

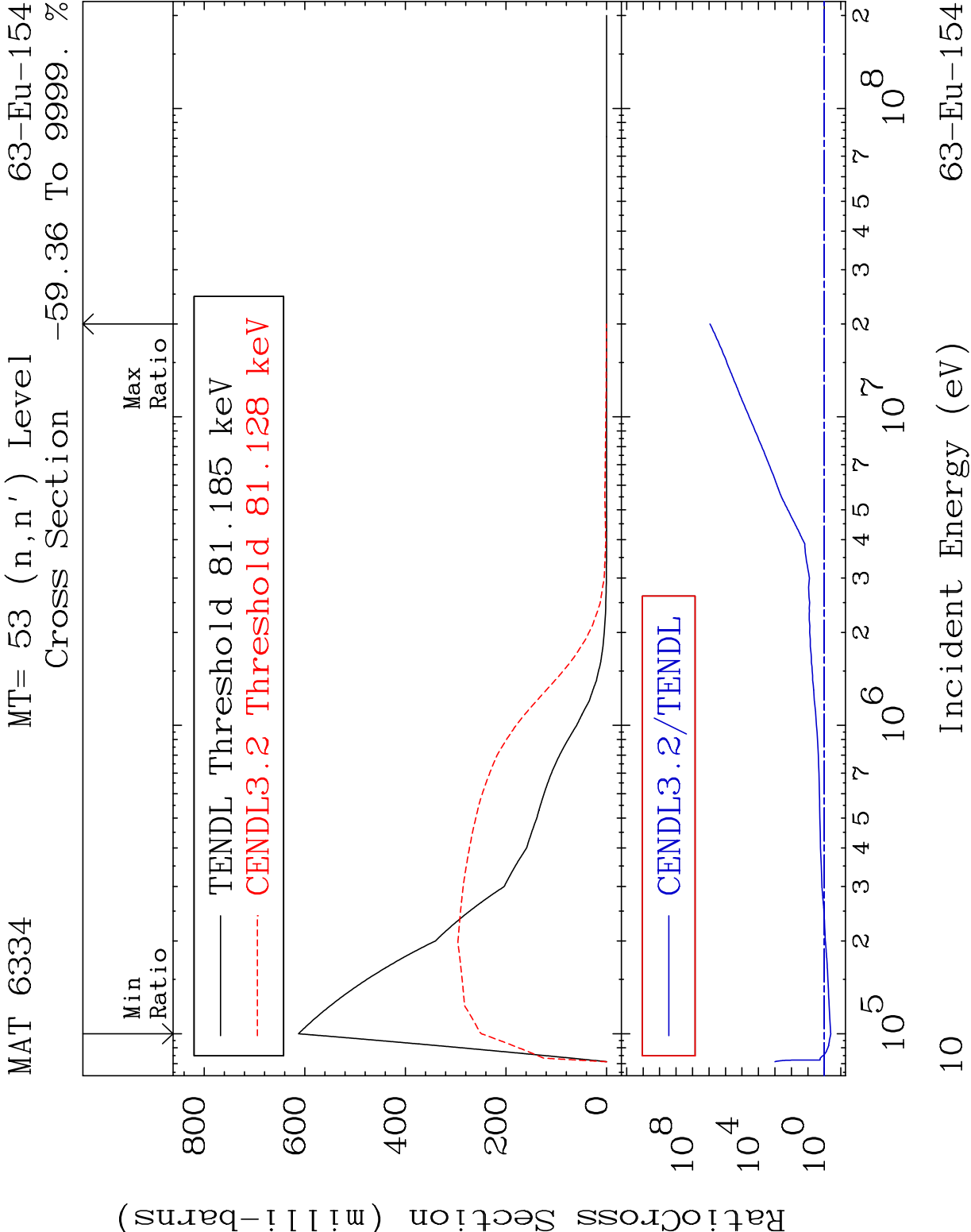
63-Eu-154

Cross Section

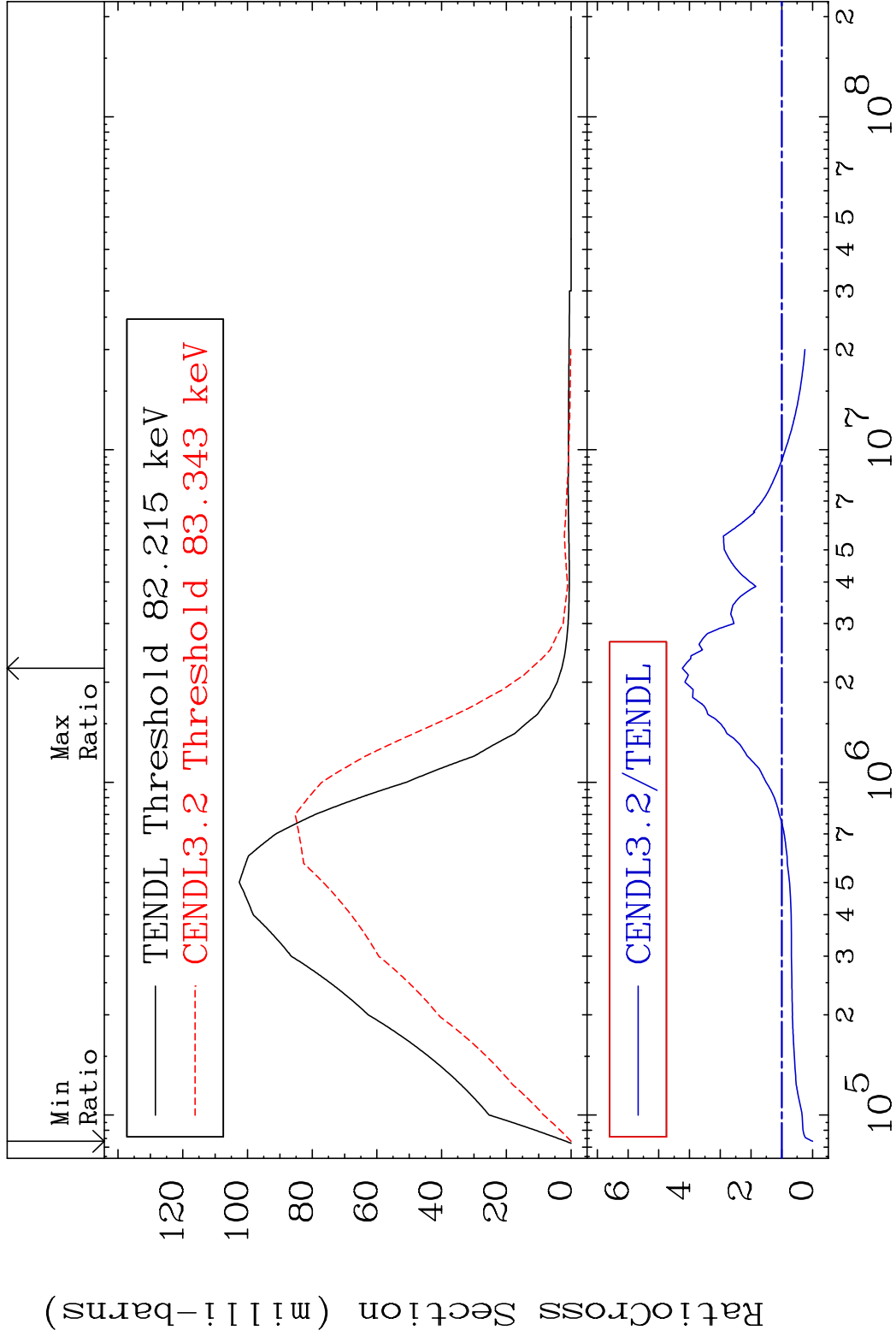
153.9

To 9999. %

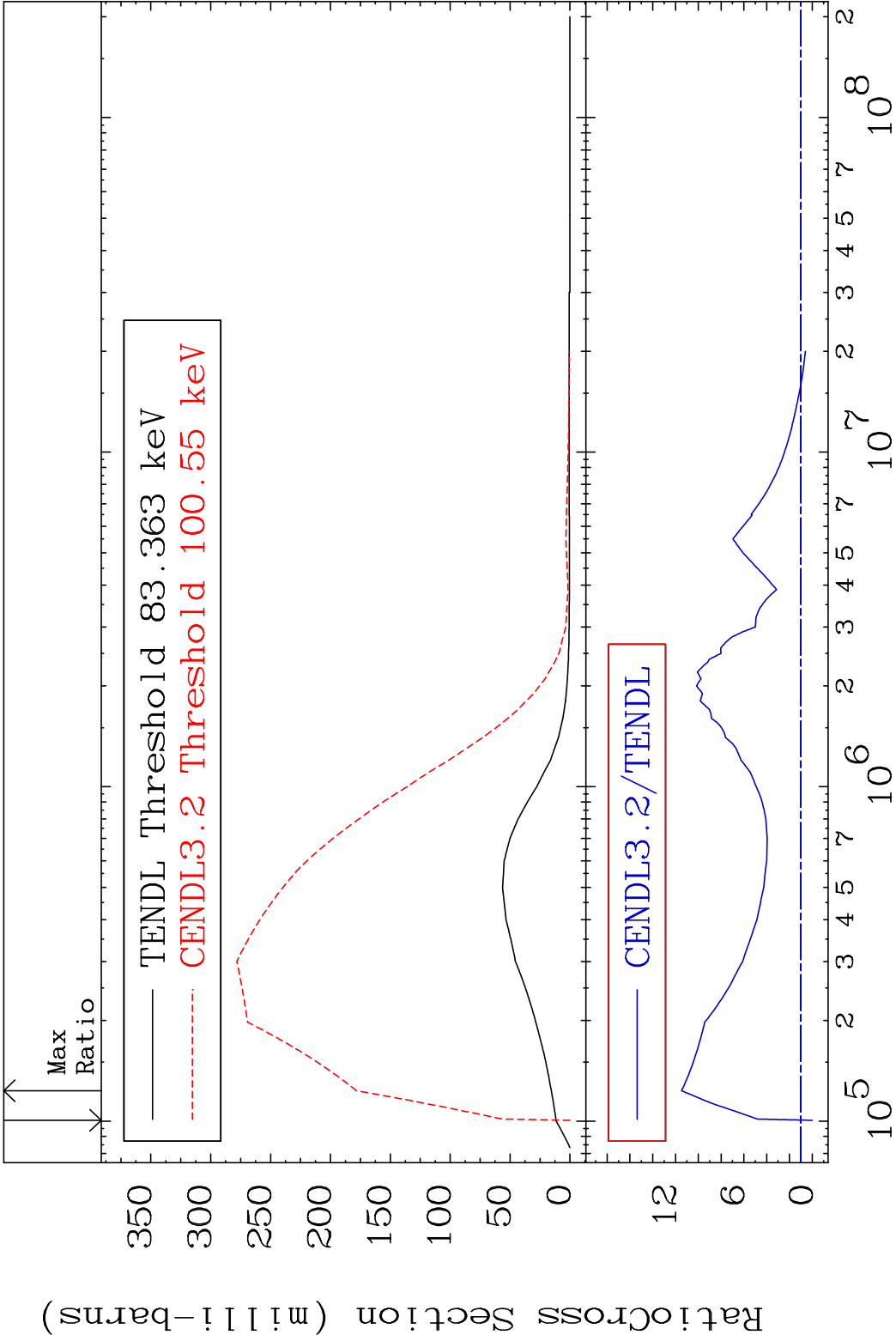




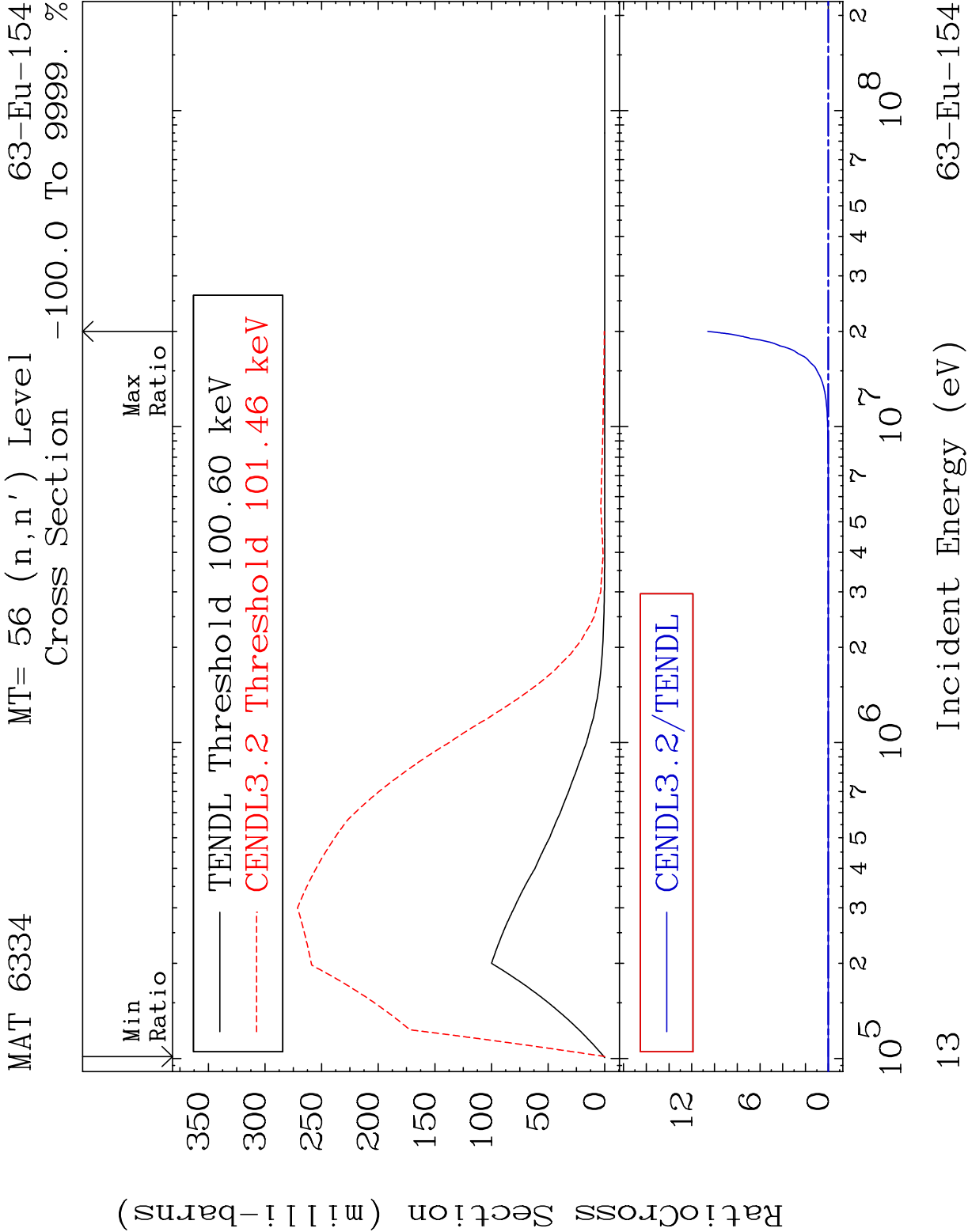
MAT 6334 MT= 54 (n,n') Level 63-Eu-154
Cross Section -100.0 To 323.4 %



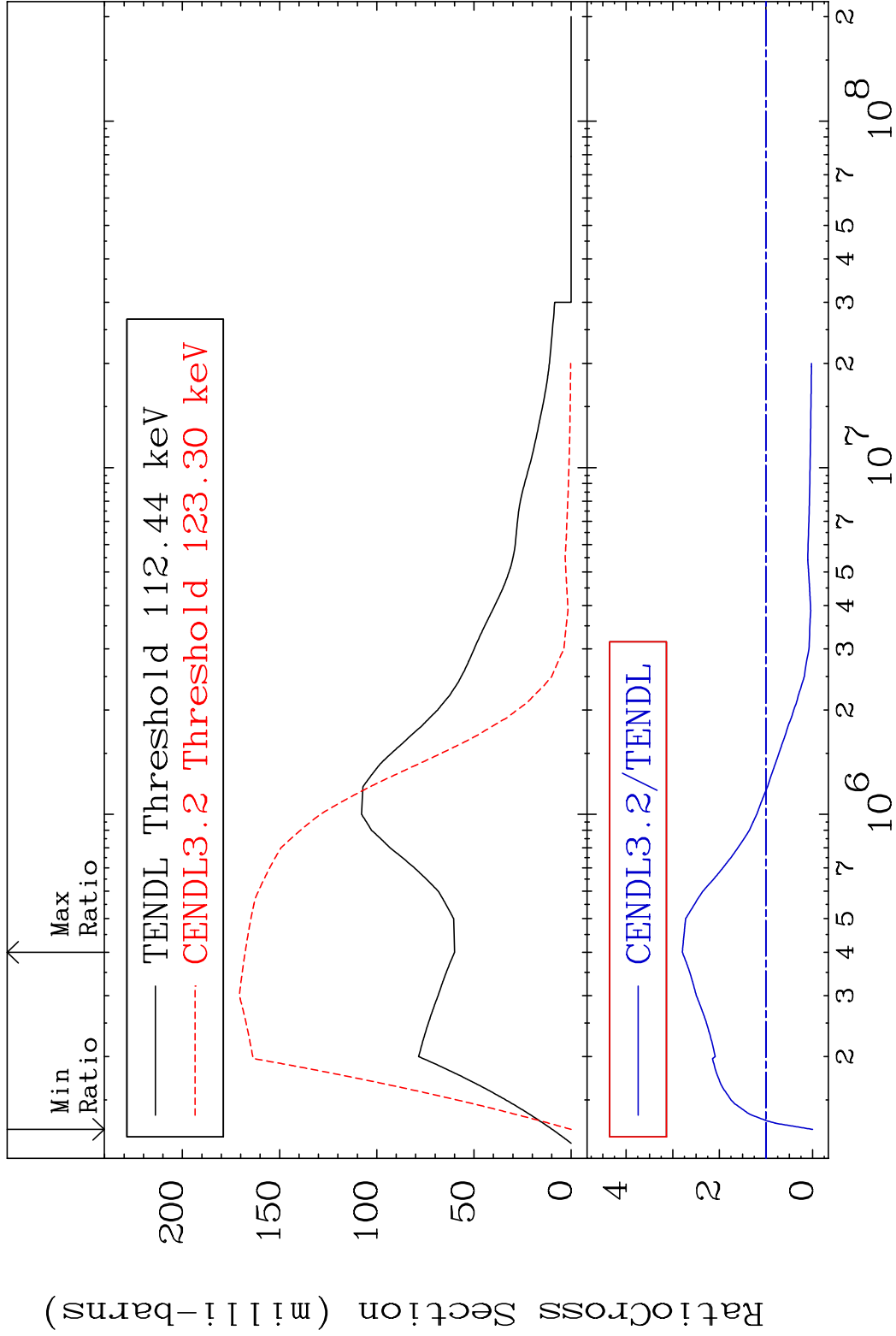
MAT 6334 MT= 55 (n,n') Level 63-Eu-154
Cross Section -100.0 To 1047. %

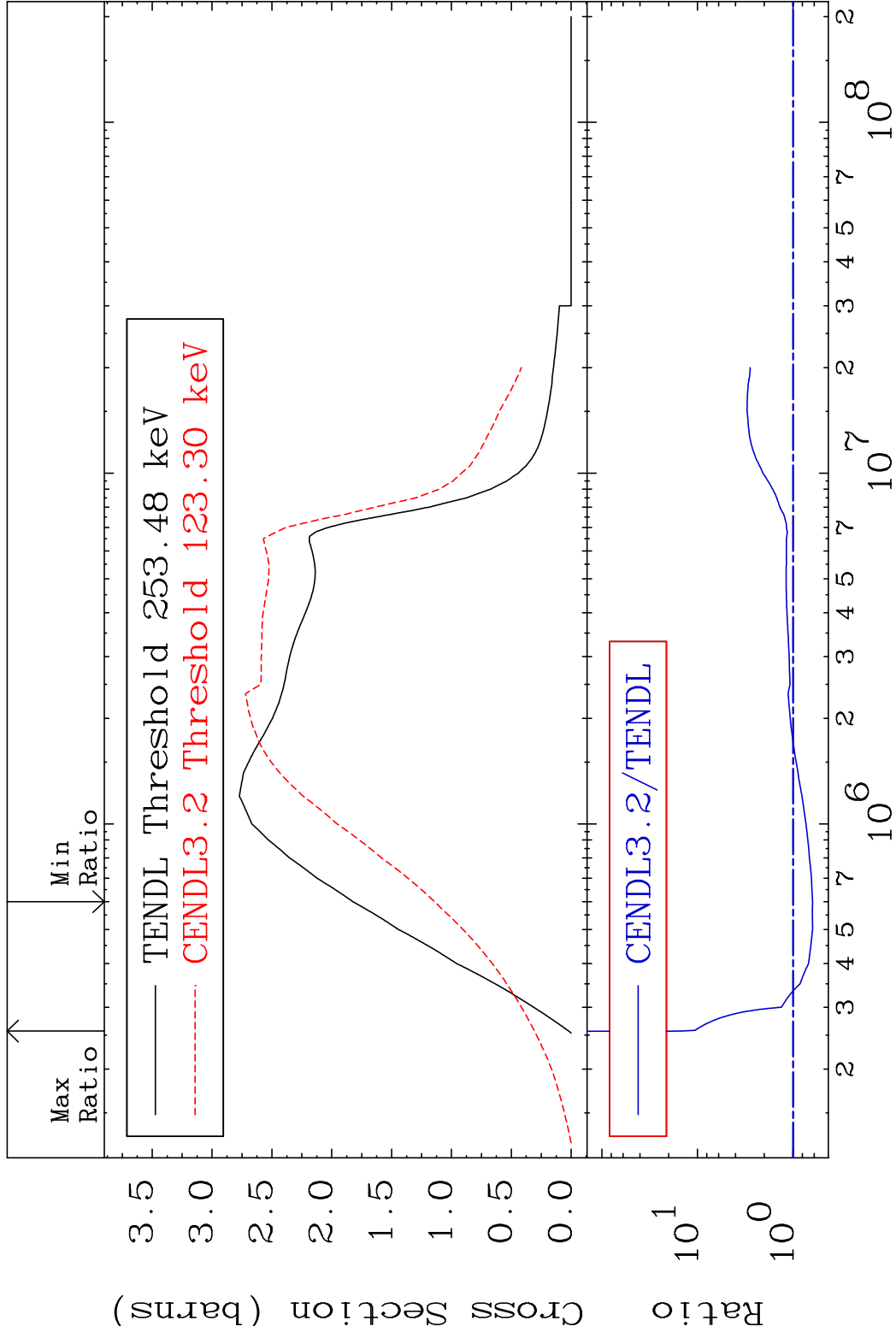


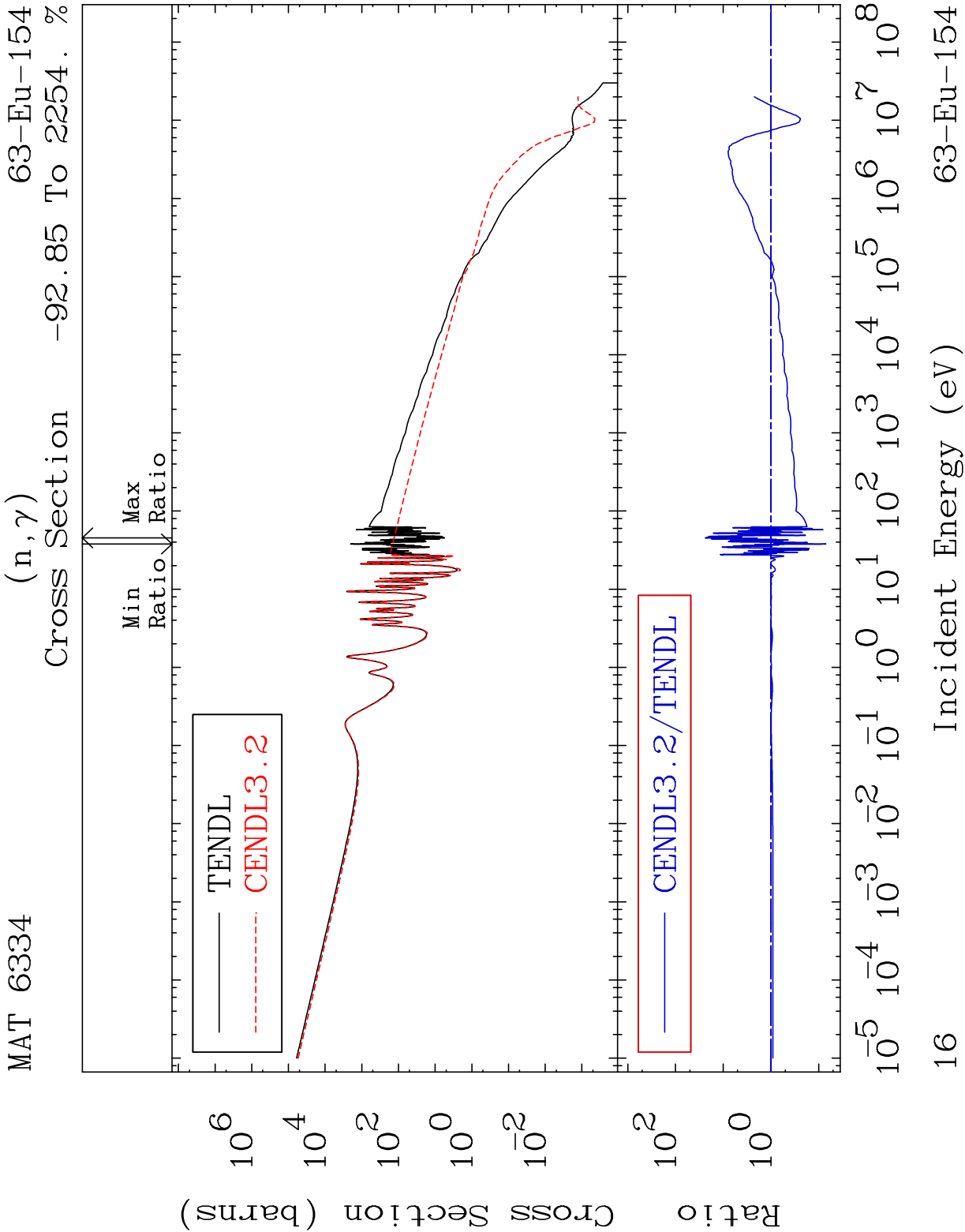
12 Incident Energy (eV) 63-Eu-154

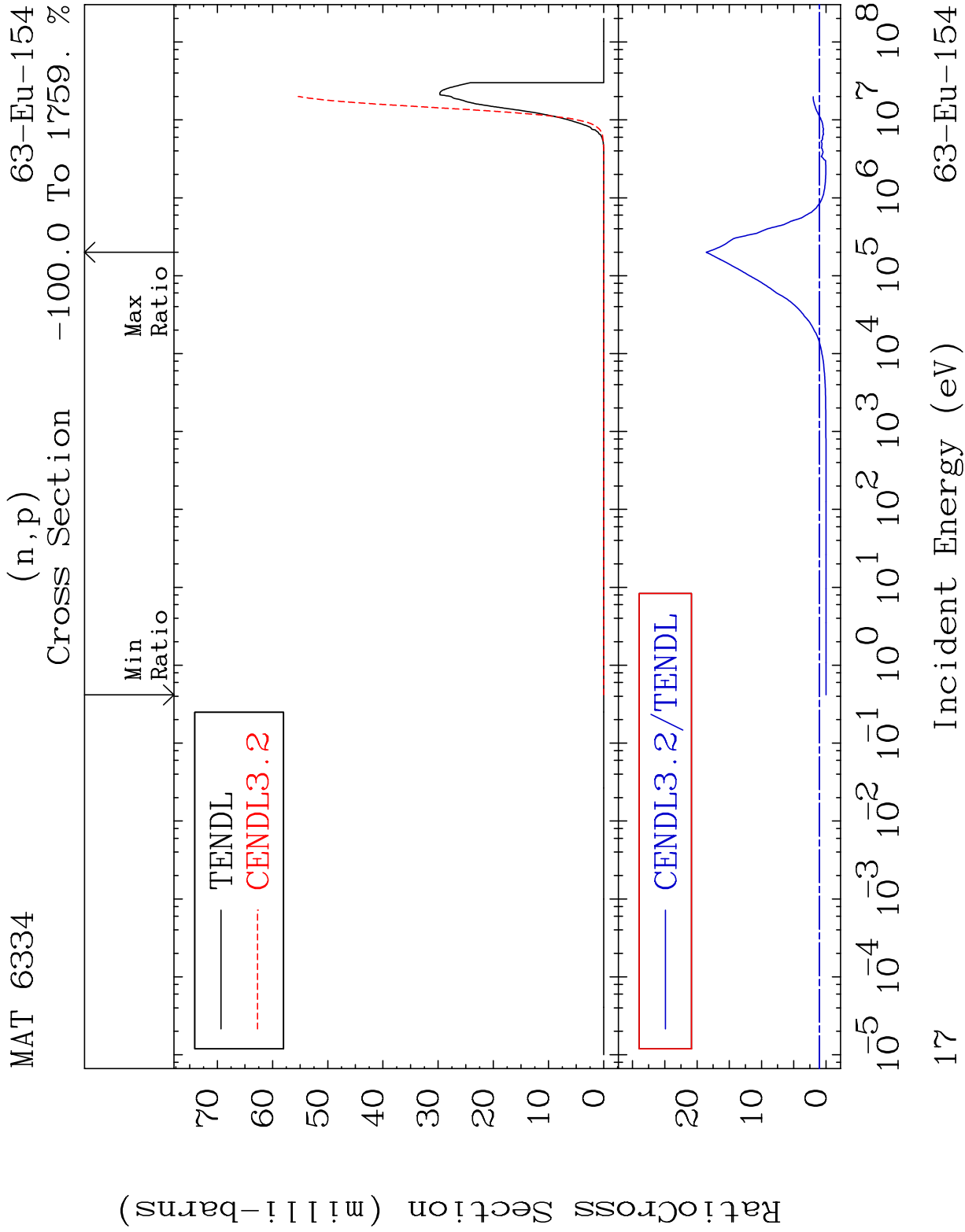


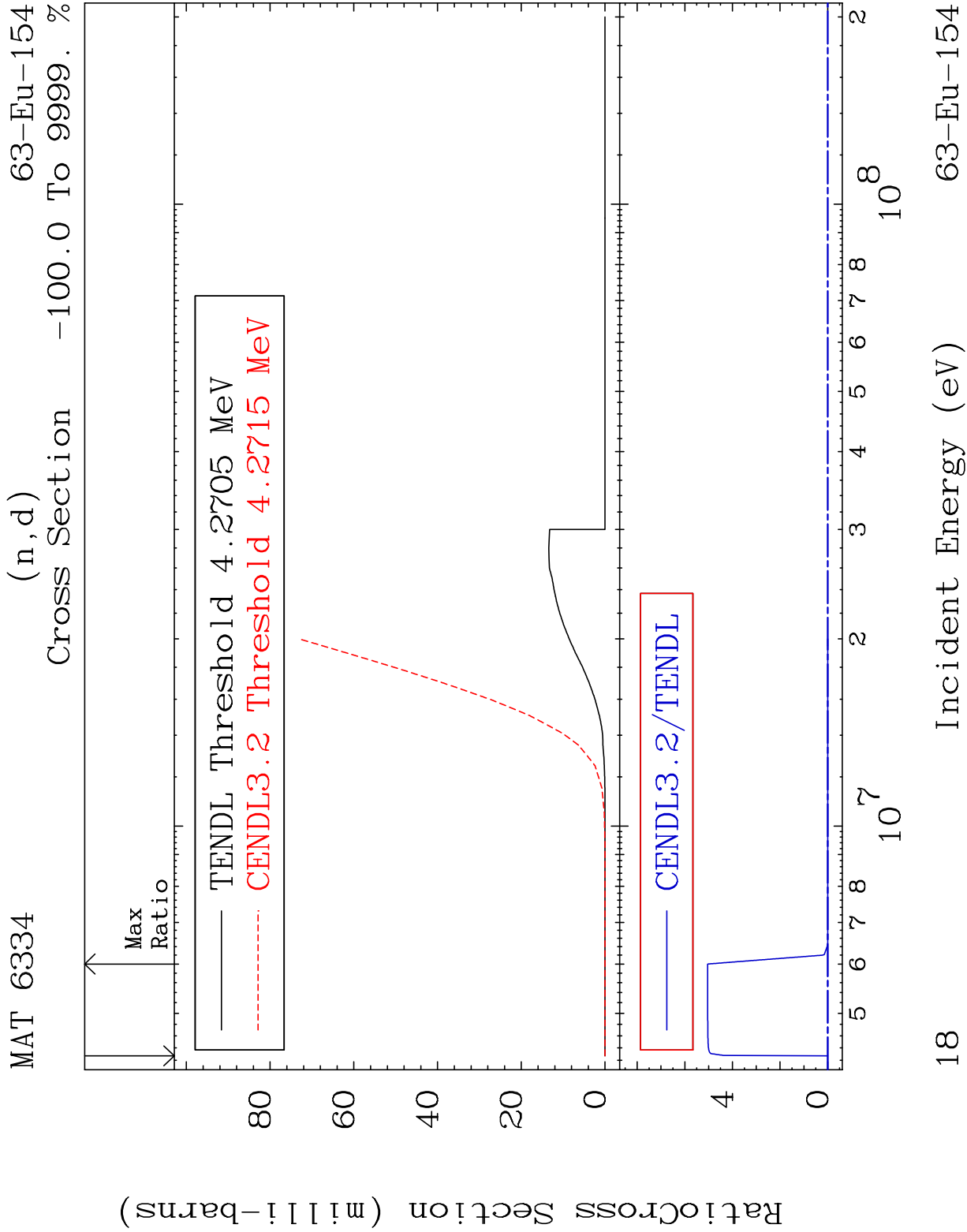
MAT 6334 MT= 57 (n,n') Level 63-Eu-154
Cross Section -100.0 To 179.4 %

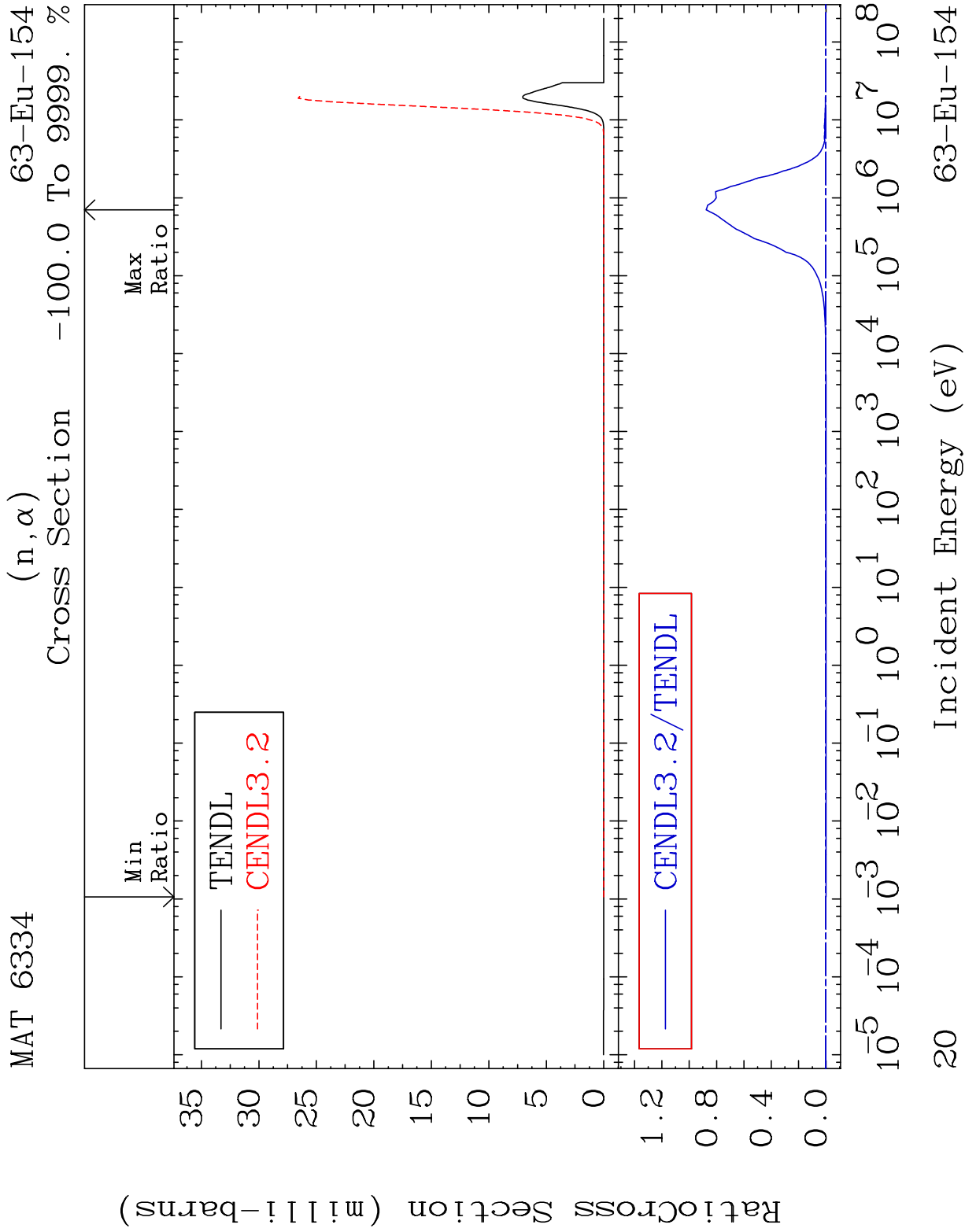


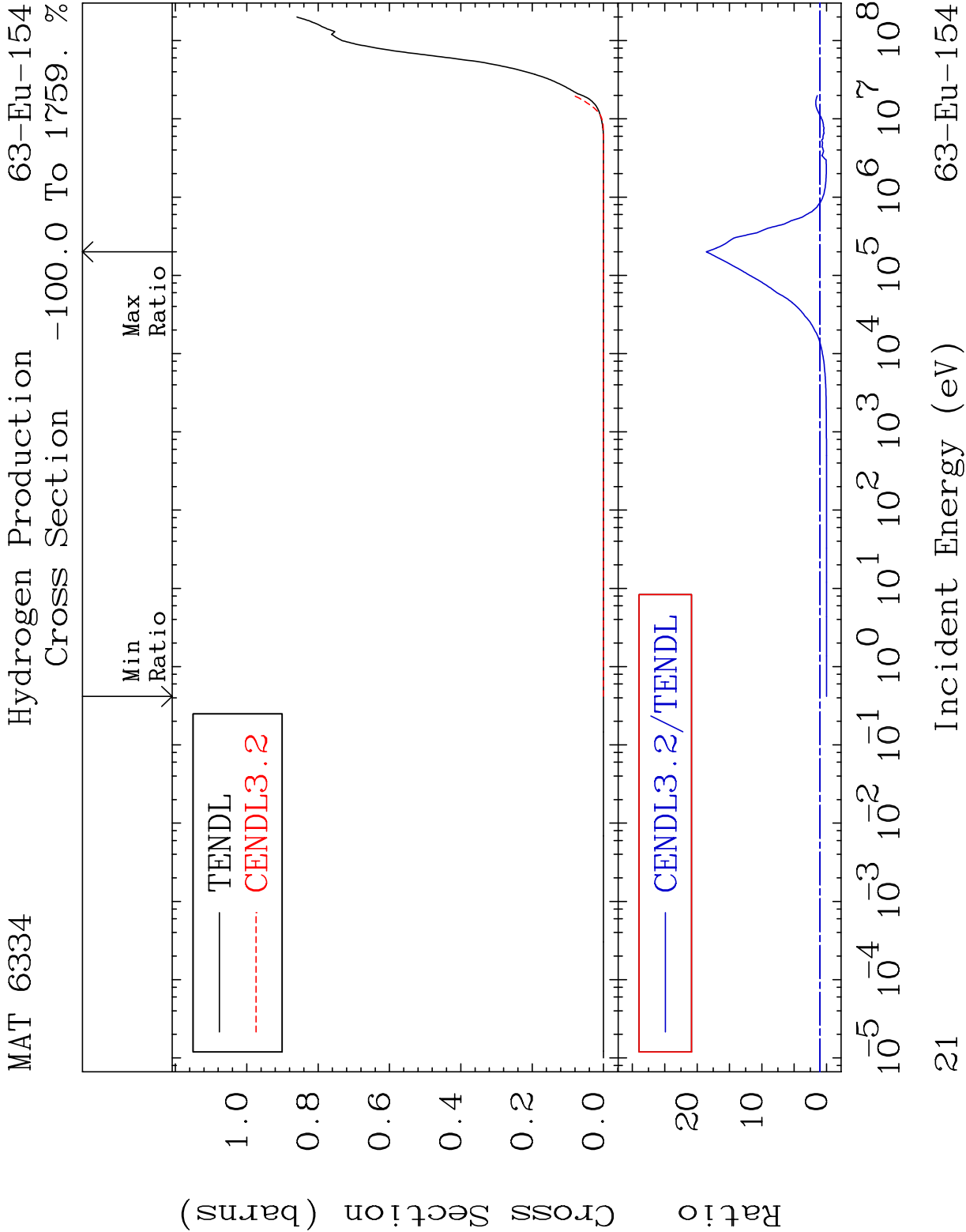


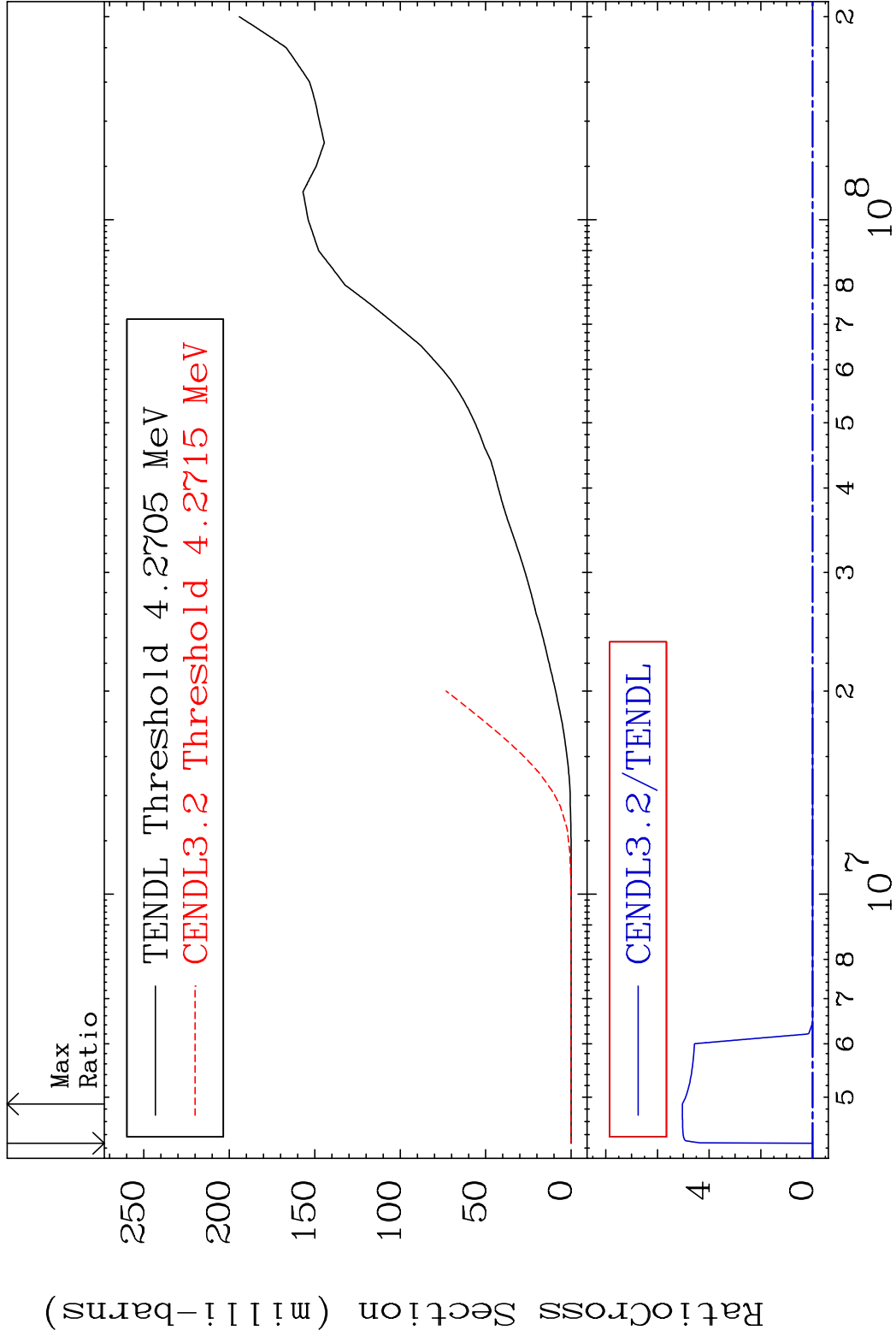


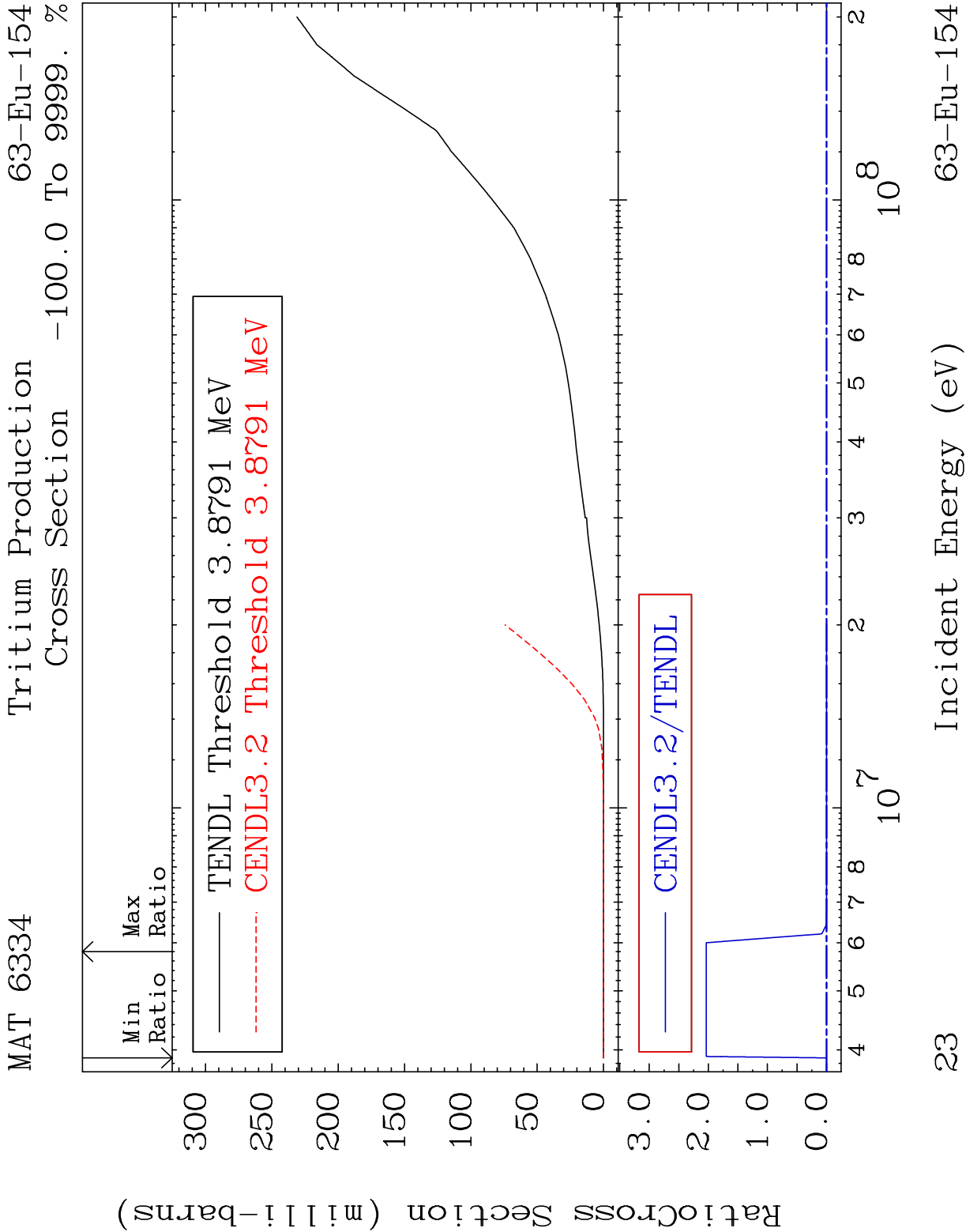


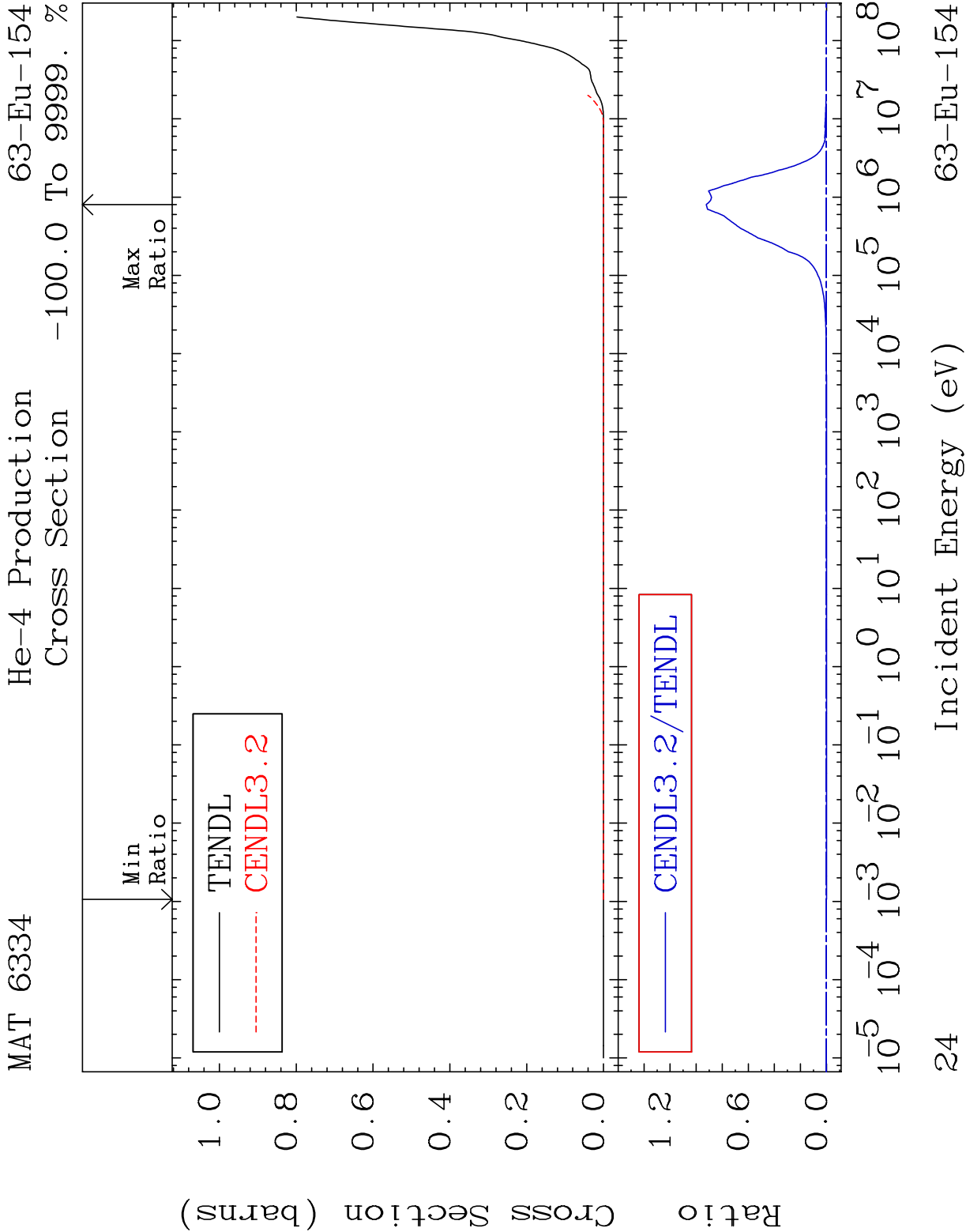




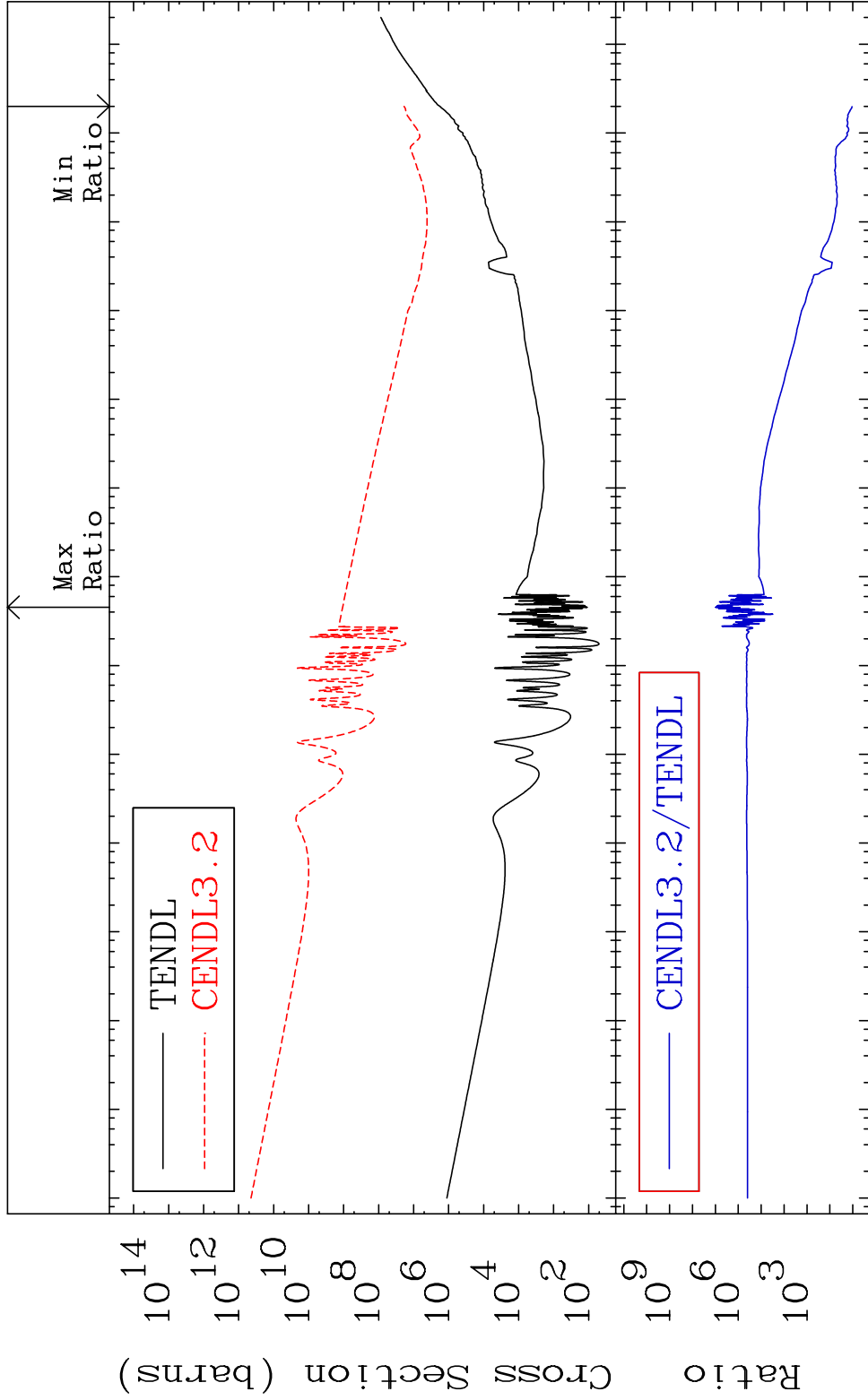








MAT 6334 Kerma total (eV-barns) 63-Eu-154
Cross Section 956.1 To 9999. %



Ratio

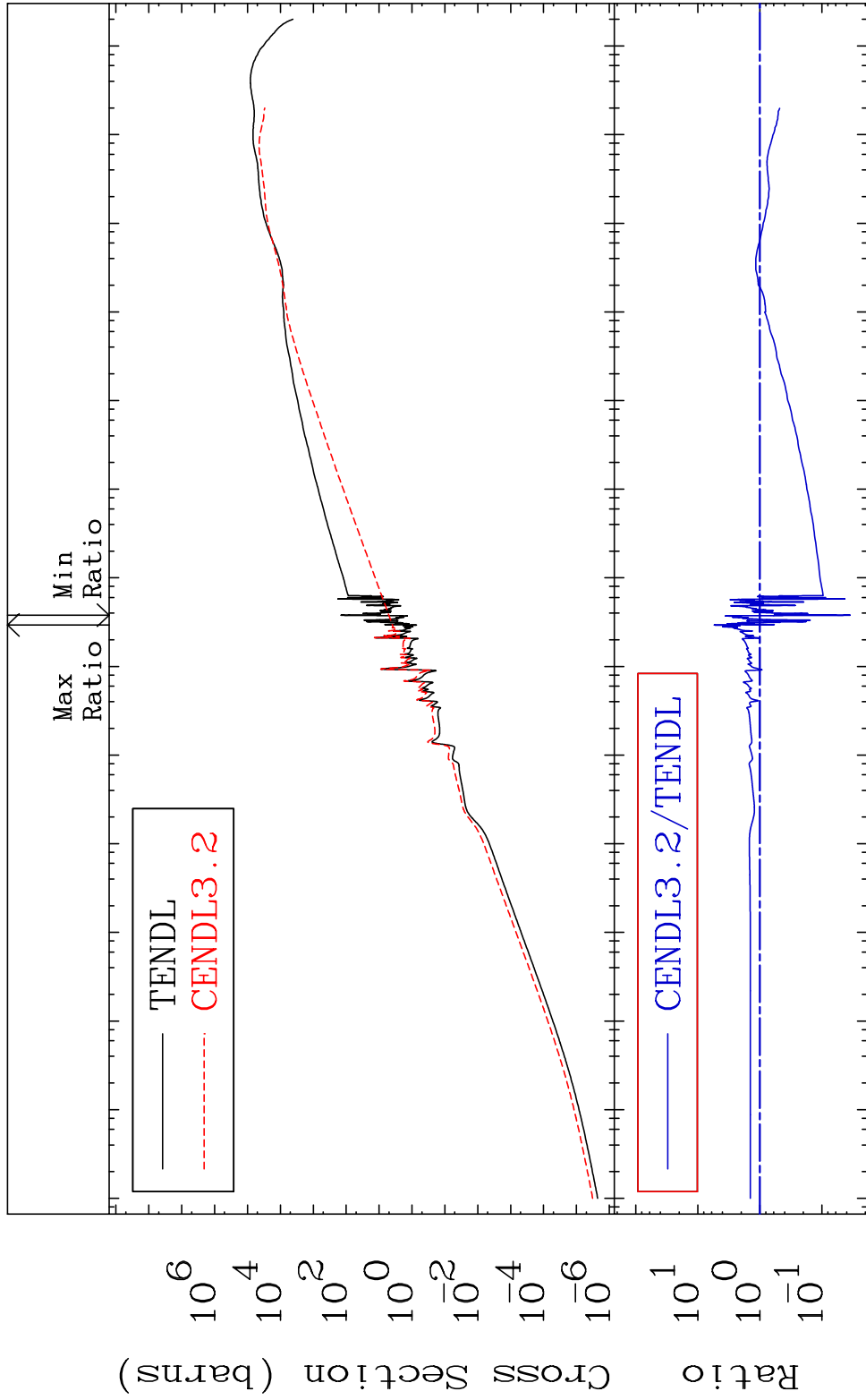
10⁹
10⁶
10³

10¹⁴
10¹²
10¹⁰
10⁸
10⁶
10⁴
10²

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

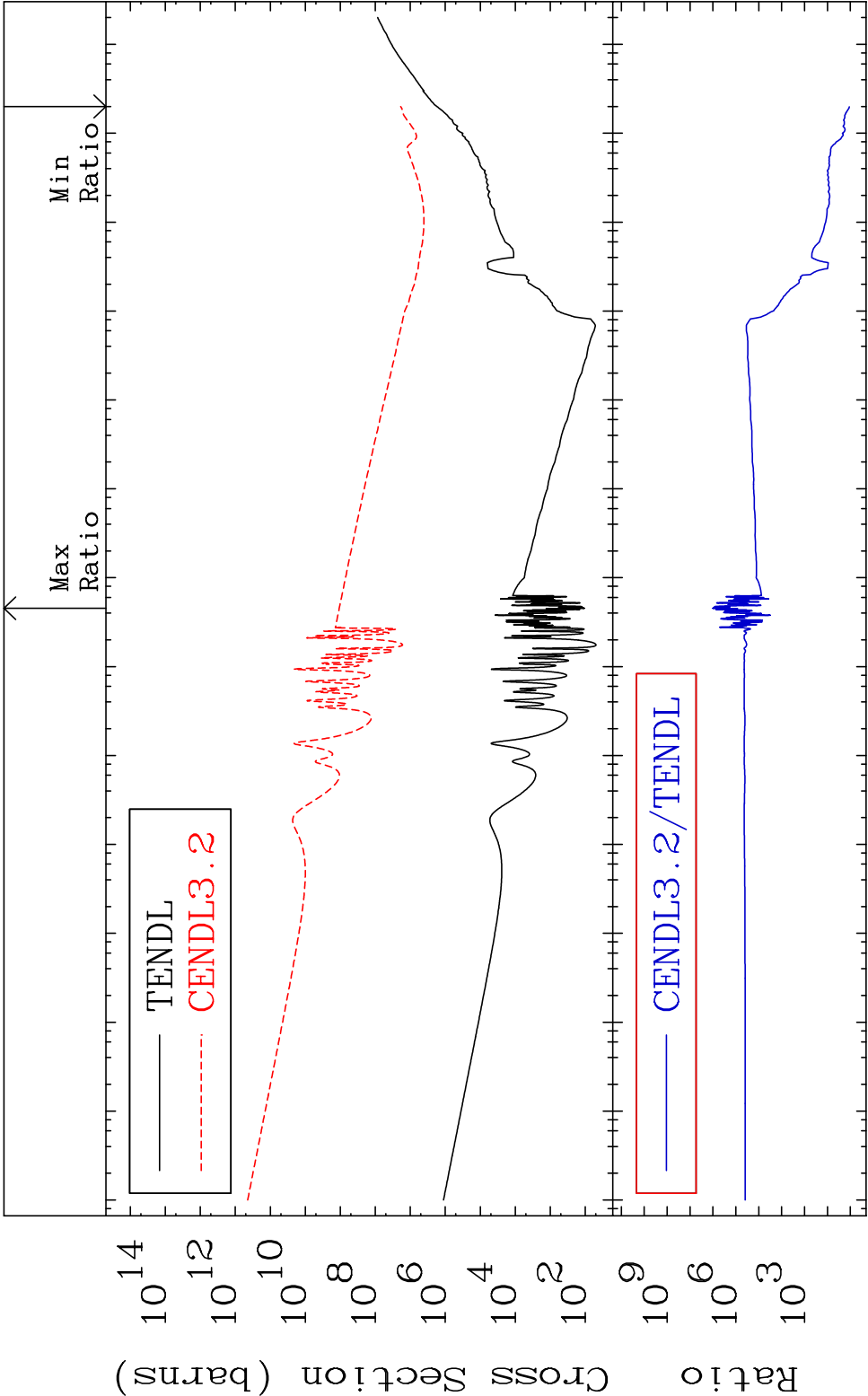
25 Incident Energy (eV) 63-Eu-154

MAT 6334 Kerma elastic 63-Eu-154
 Cross Section -96.50 To 448.4 %

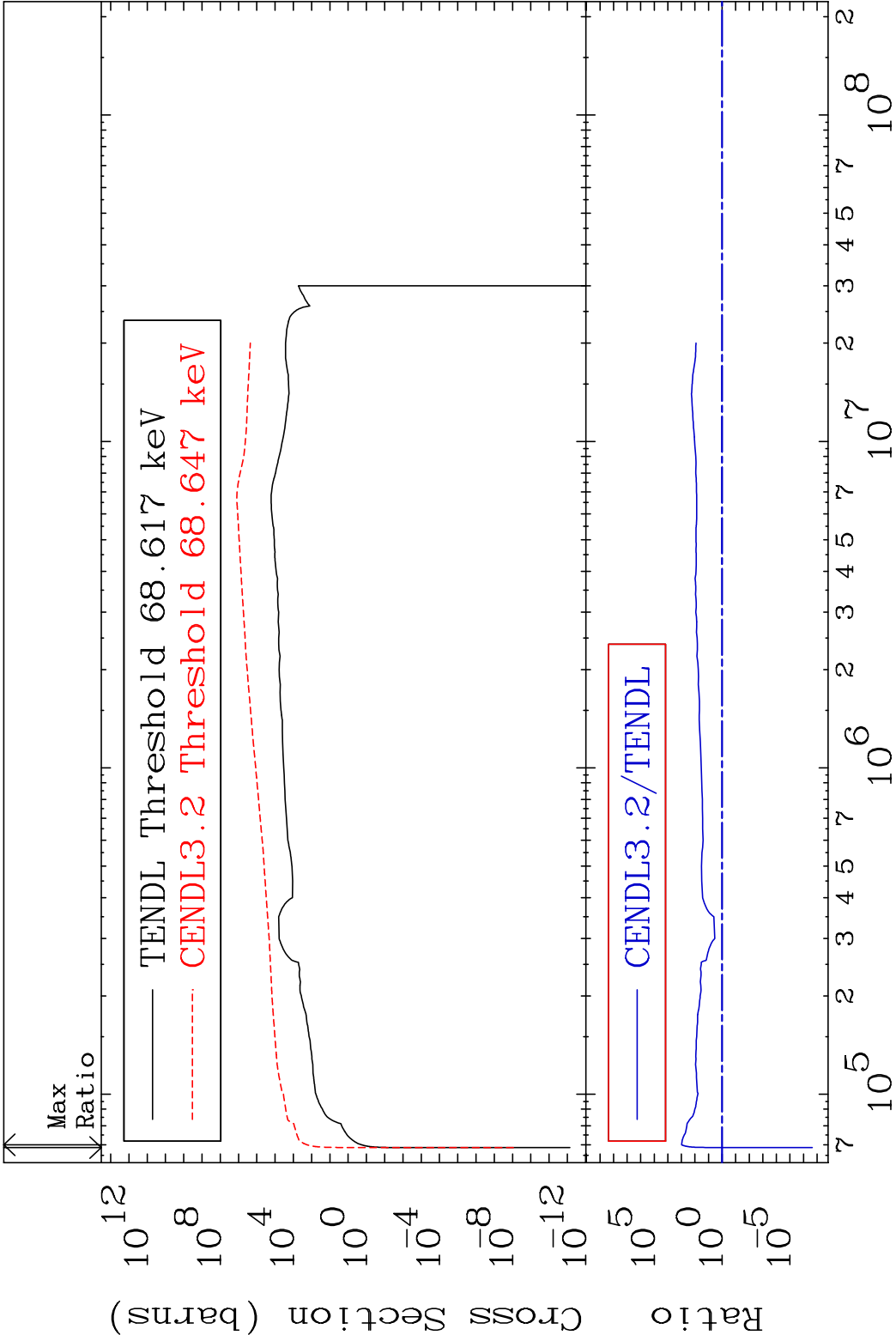


26 Incident Energy (eV) 63-Eu-154

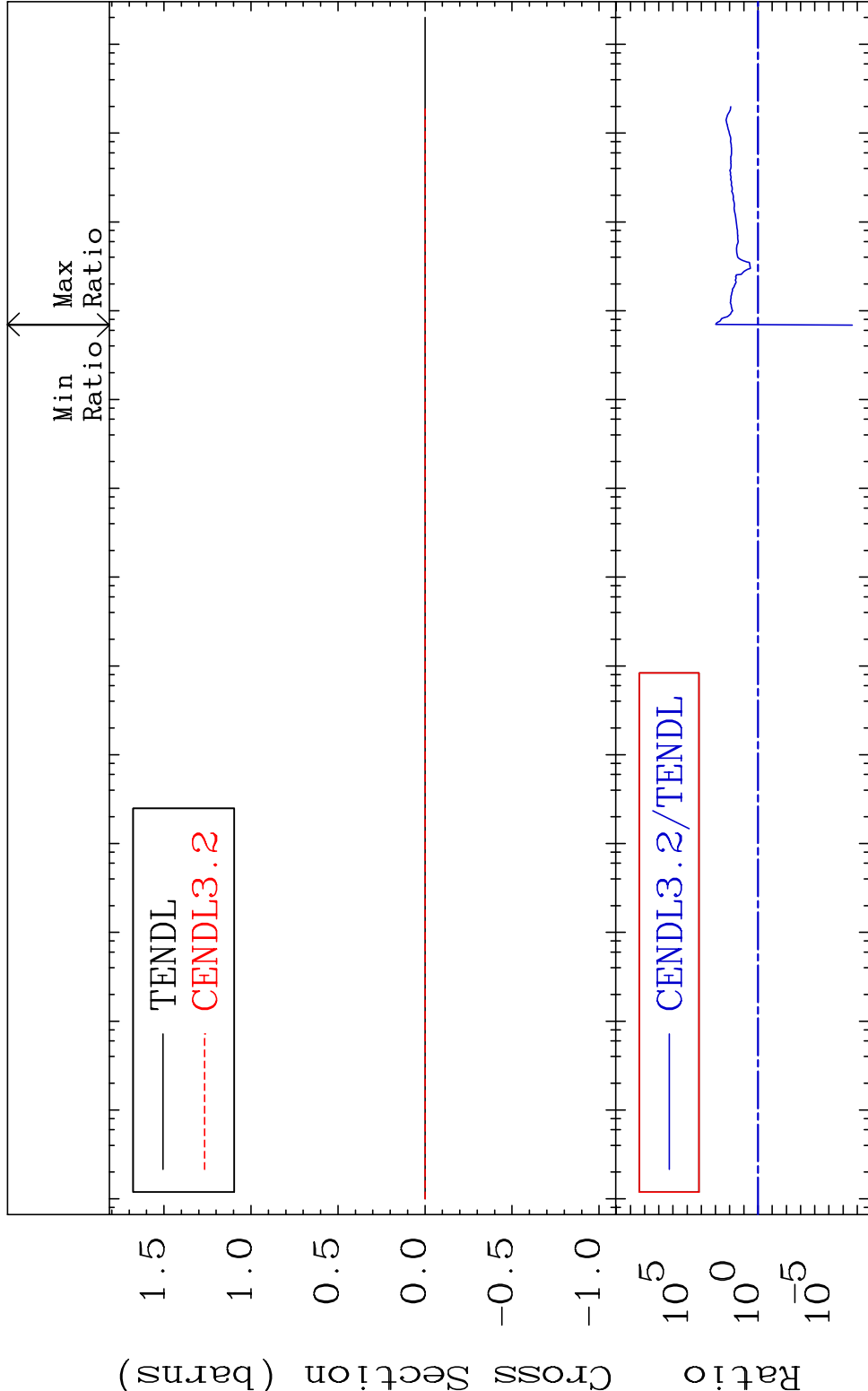
MAT 6334 Kerma non-elastic (all but mt2) 63-Eu-154
Cross Section 993.4 To 9999. %

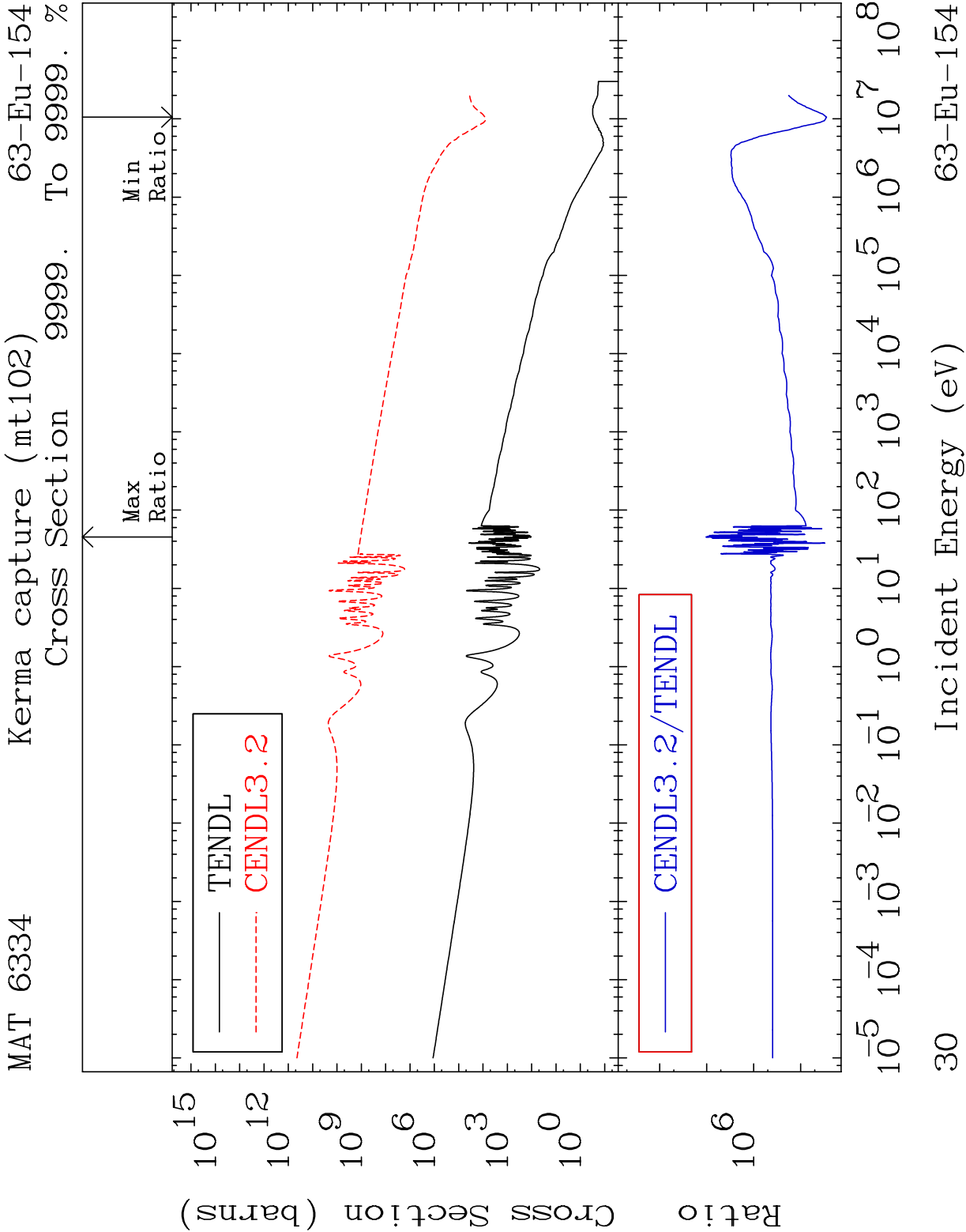


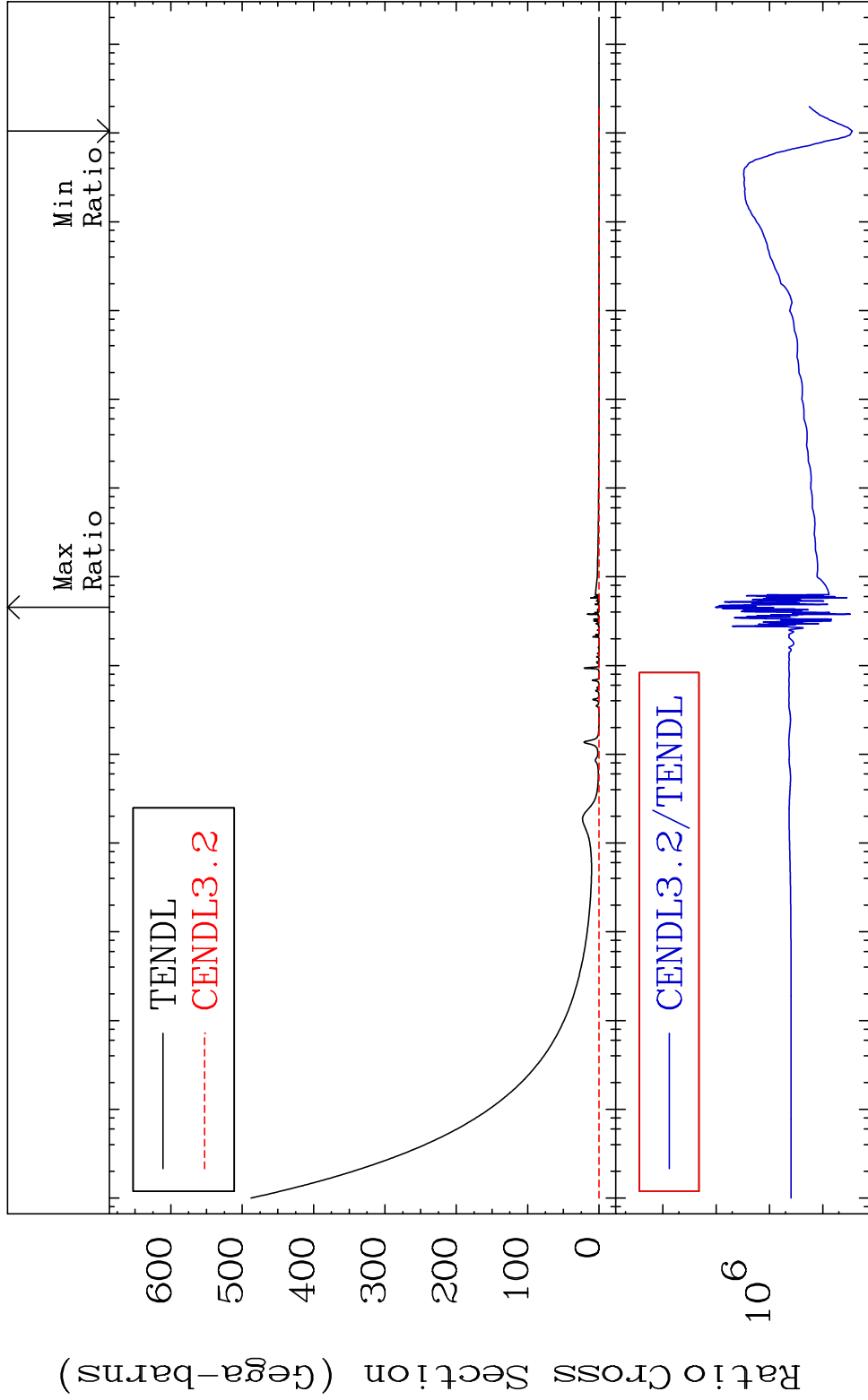
27 Incident Energy (eV) 63-Eu-154



MAT 6334 Kerma fission (mt18 or mt19-20-21-38)63-Eu-154
Cross Section -100.0 To 9999. %

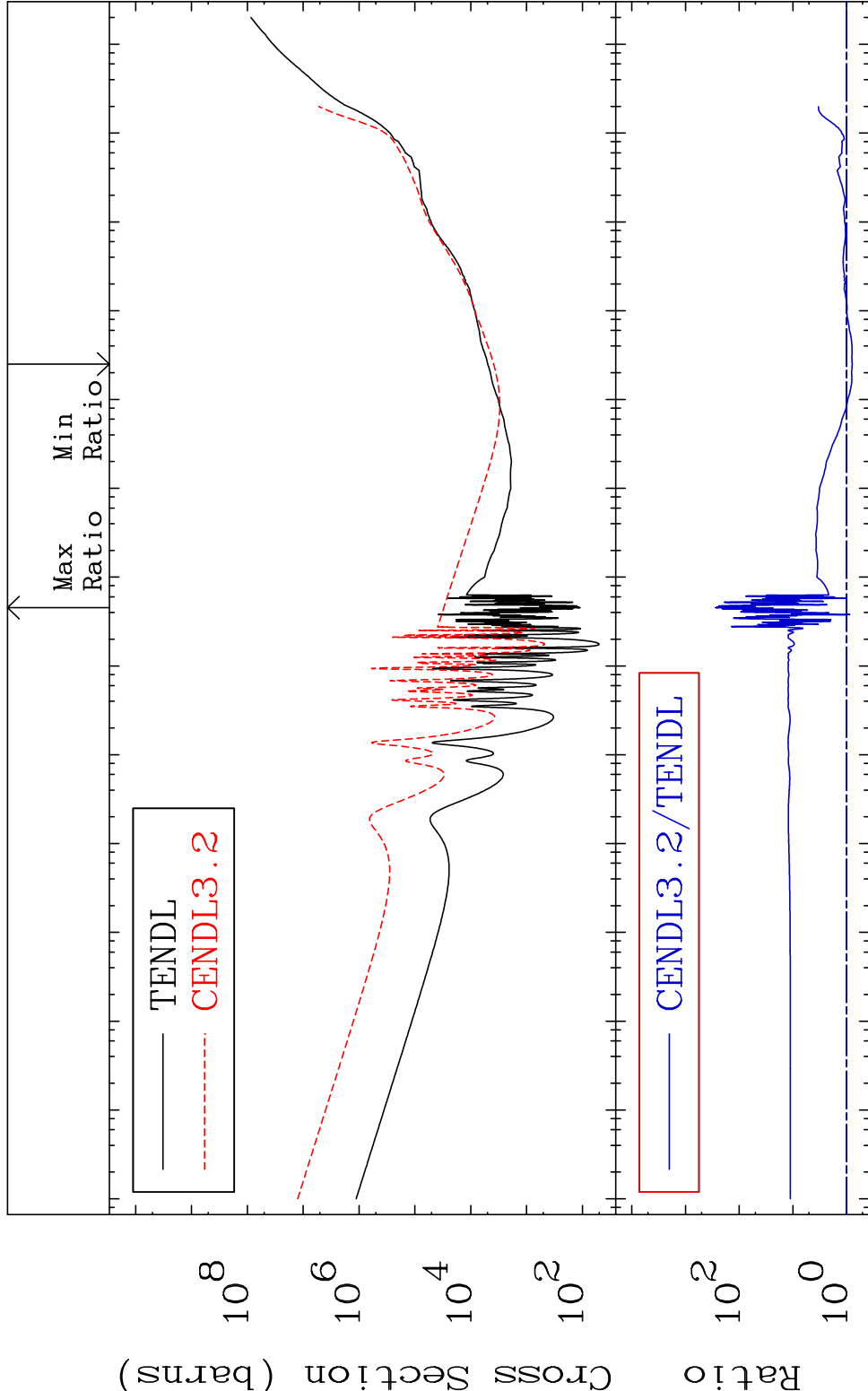




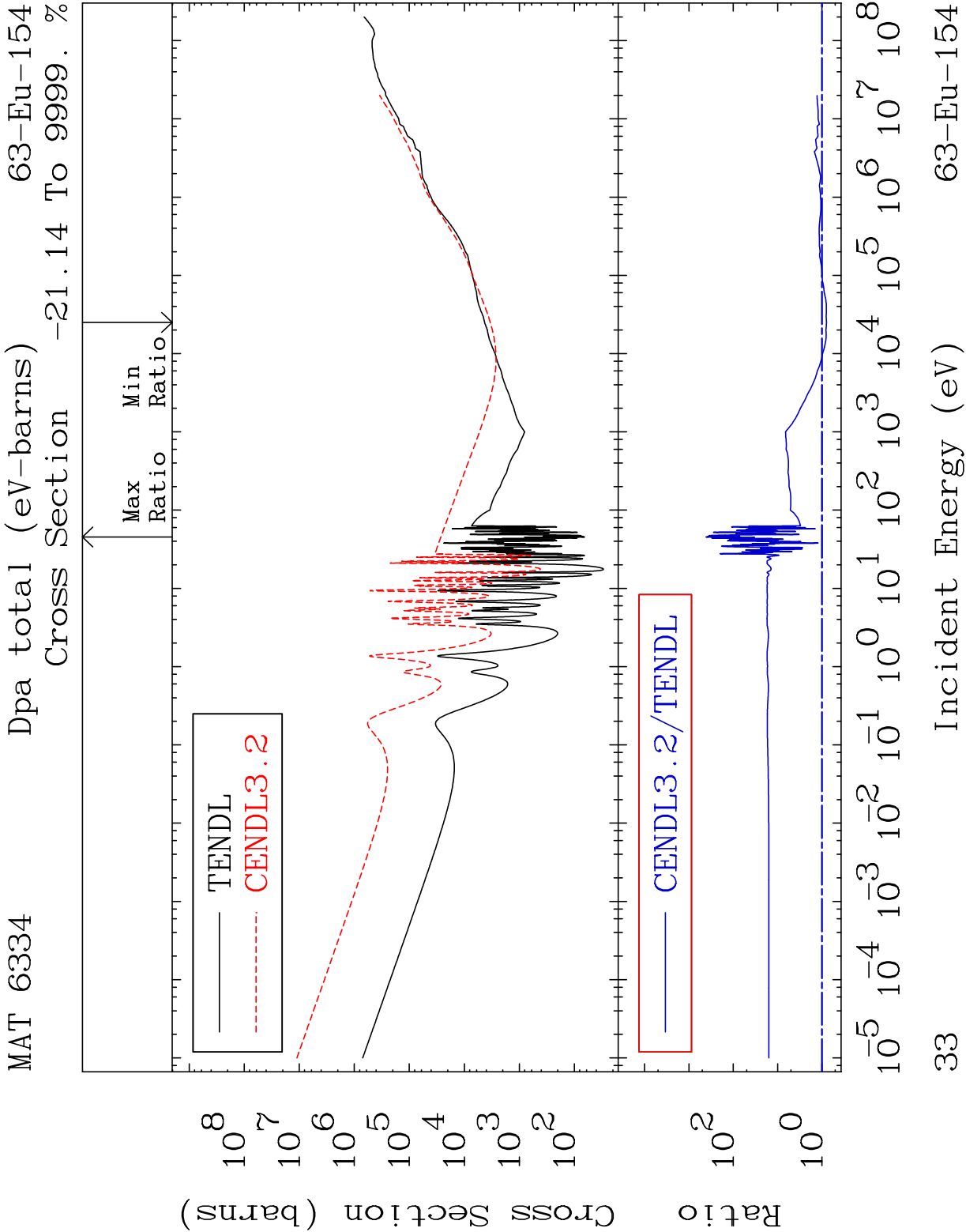


MAT 6334 Total kinematic kerma (high limit) 63-Eu-154

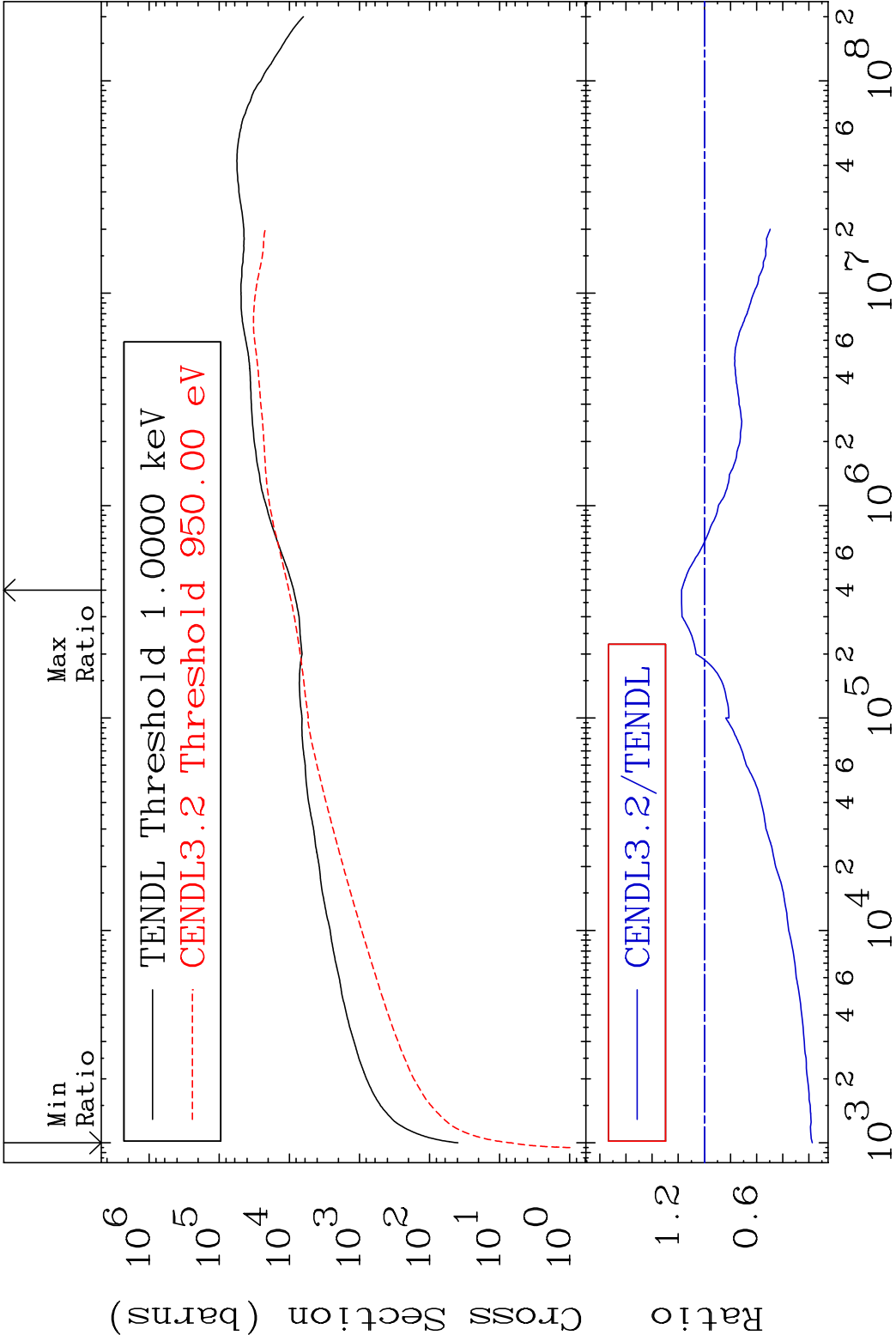
Cross Section -21.71 To 9999. %



32 Incident Energy (eV) 63-Eu-154

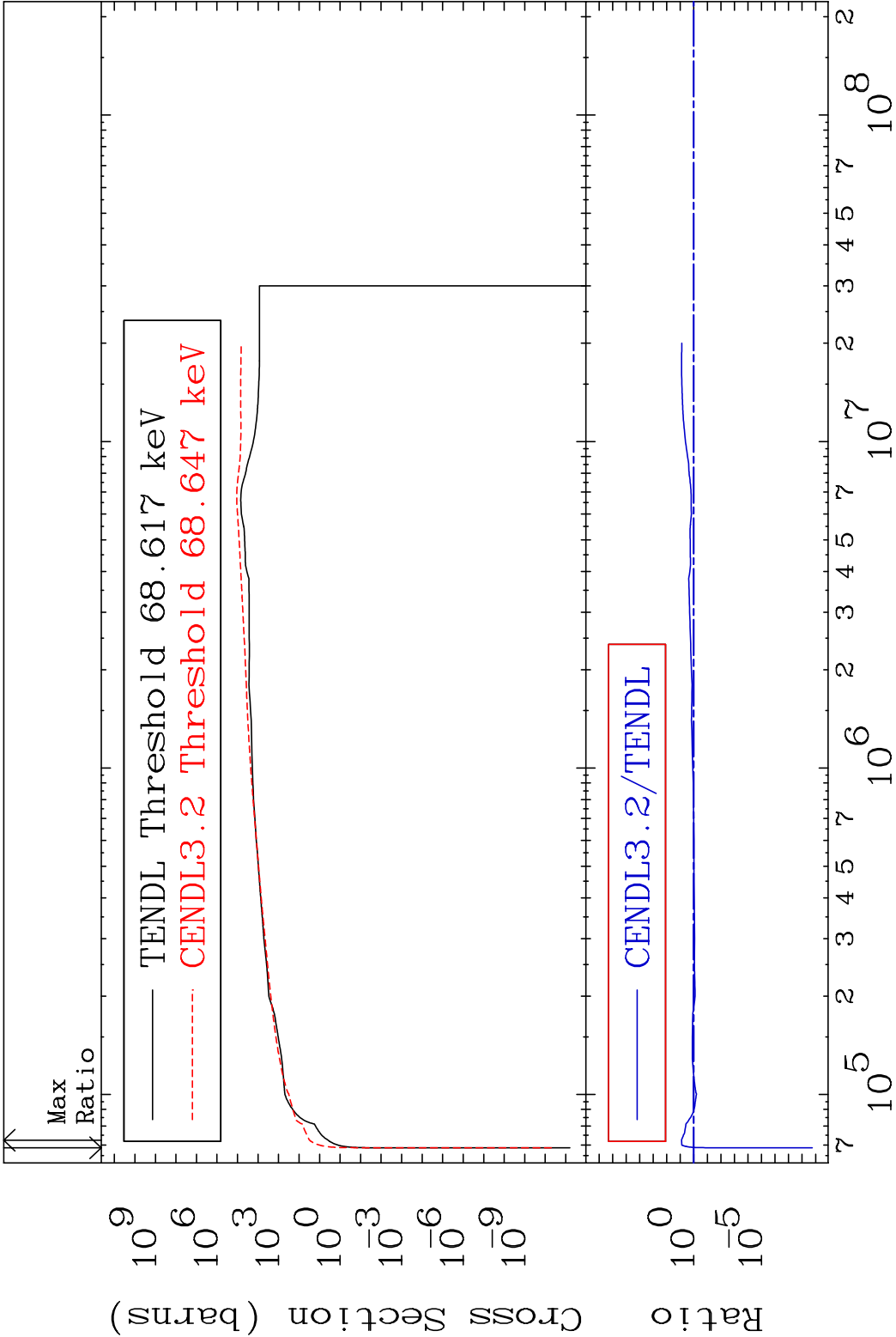


MAT 6334 Dpa elastic (mt2) 63-Eu-154
Cross Section -82.58 To 17.48 %

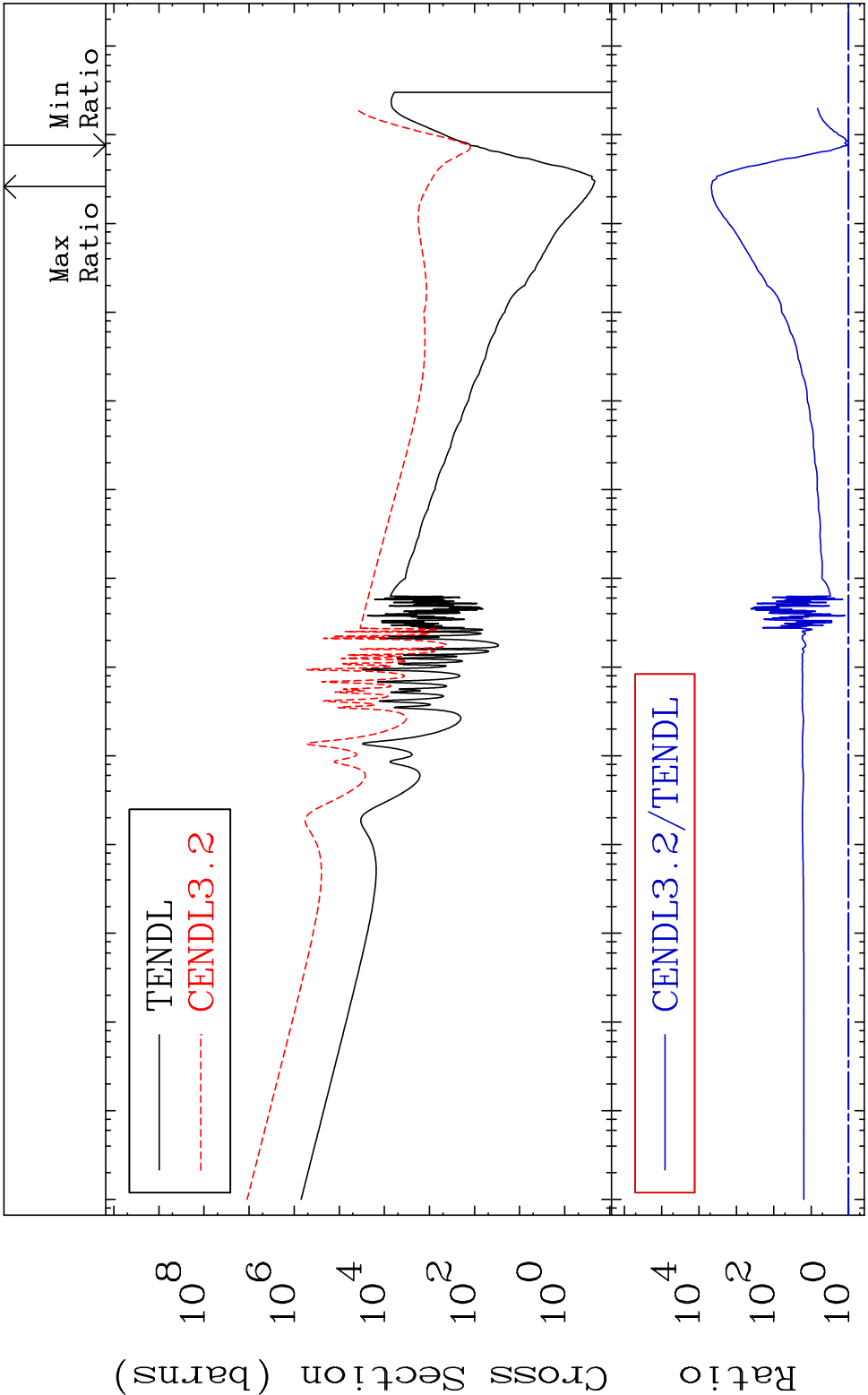


34 Incident Energy (eV) 63-Eu-154

MAT 6334 Dpa inelastic (mt51-91) 63-Eu-154
Cross Section -100.0 To 708.1 %



MAT 6334 Dpa disappearance (mt102 -120) 63-Eu-154
 Cross Section 4.782 To 9999. %



36 Incident Energy (eV) 63-Eu-154

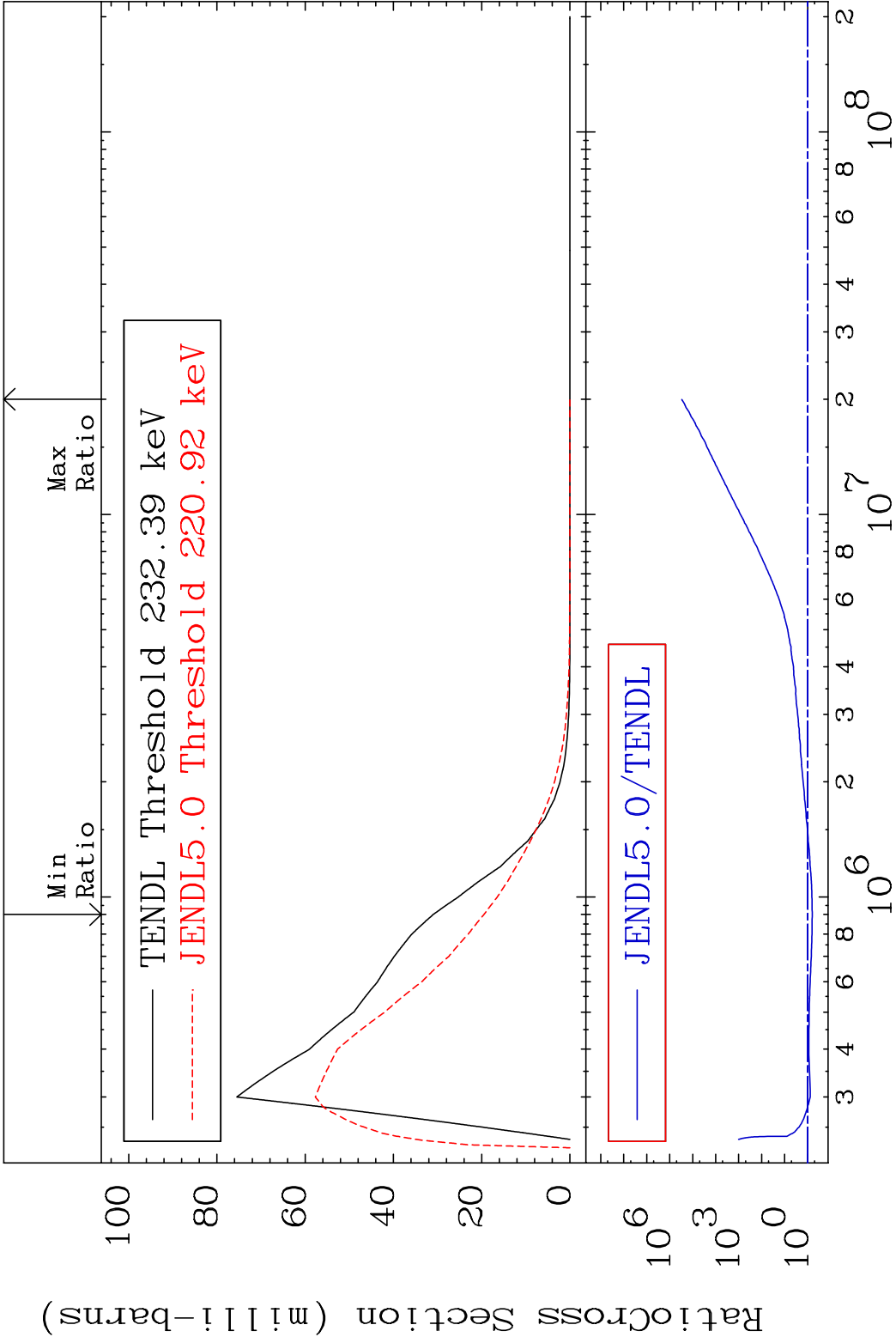
MAT 6334

MT= 76 (n,n') Level

63-Eu-154

Cross Section

-37.13 To 9999. %



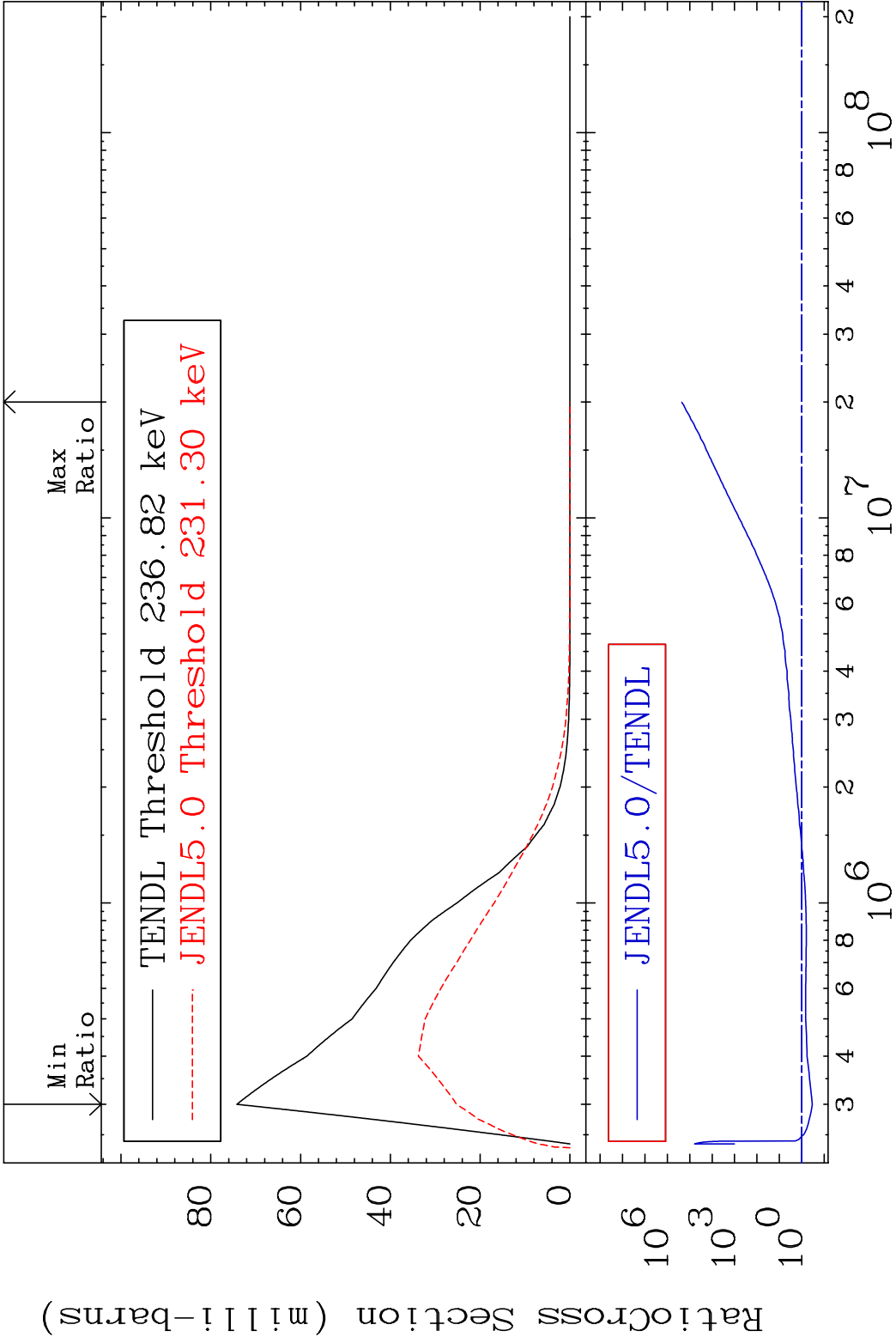
MAT 6334

MT= 77 (n,n') Level

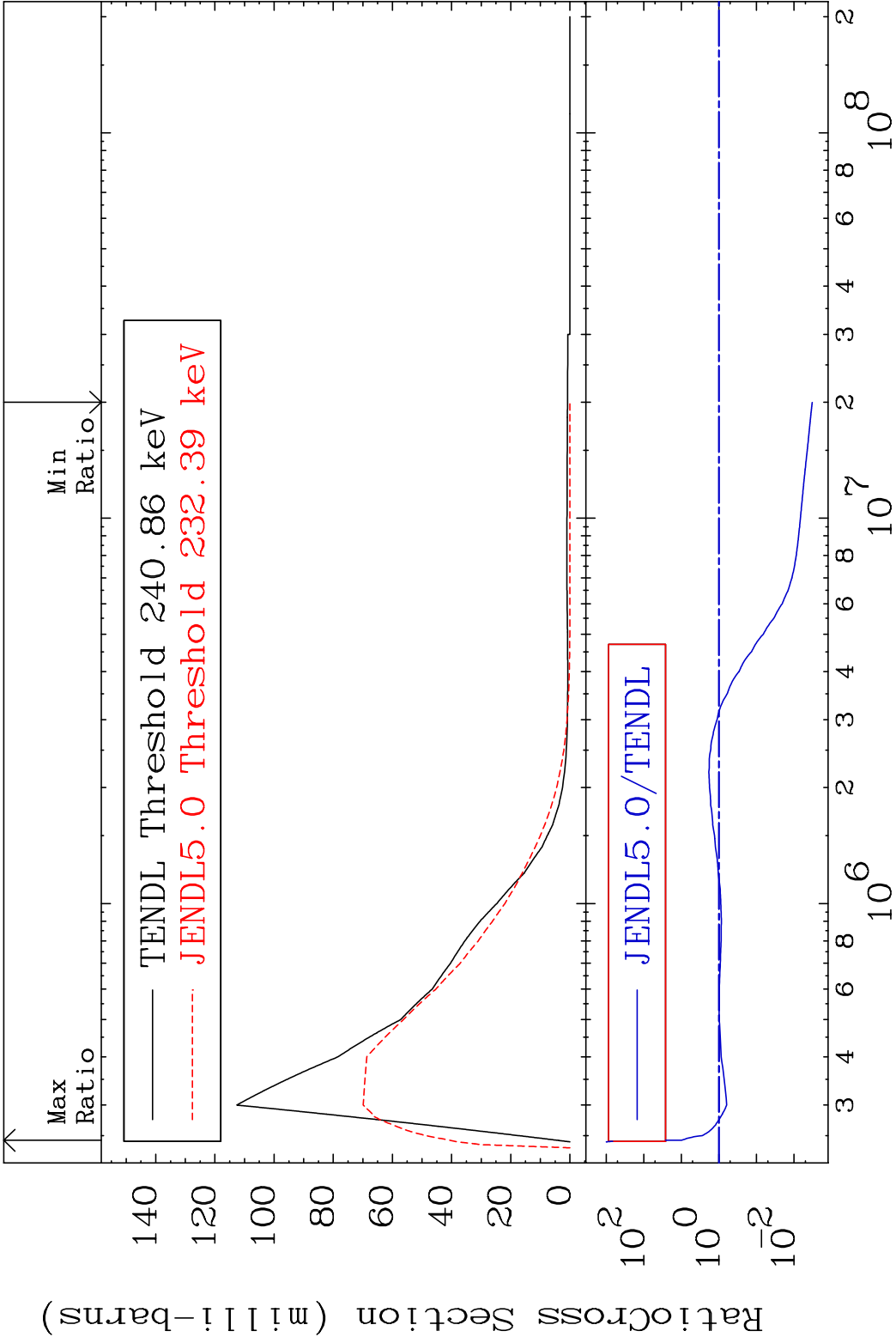
63-Eu-154

Cross Section

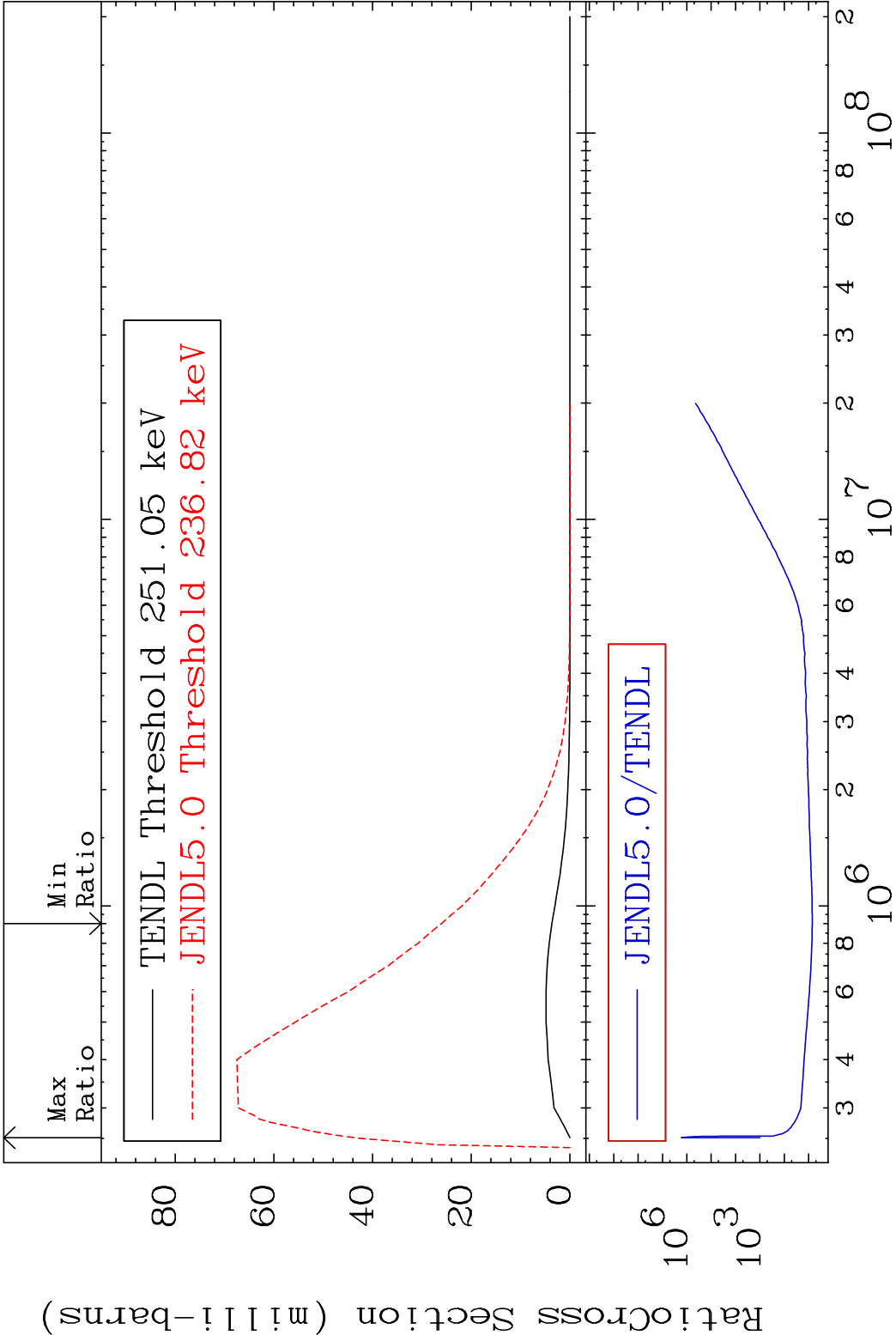
-65.99 To 9999. %



MAT 6334 MT= 78 (n,n') Level 63-Eu-154
Cross Section -99.67 To 887.8 %

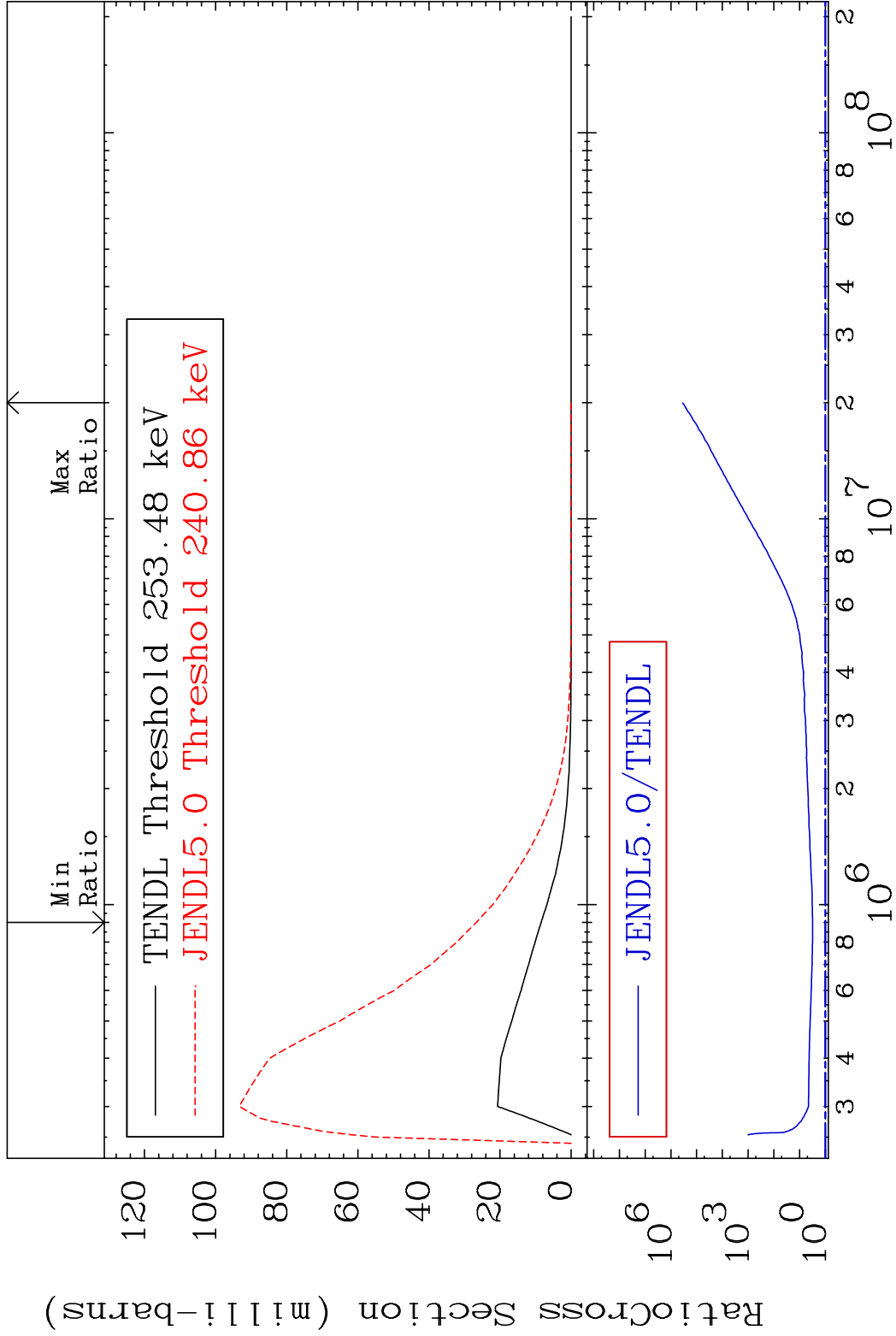


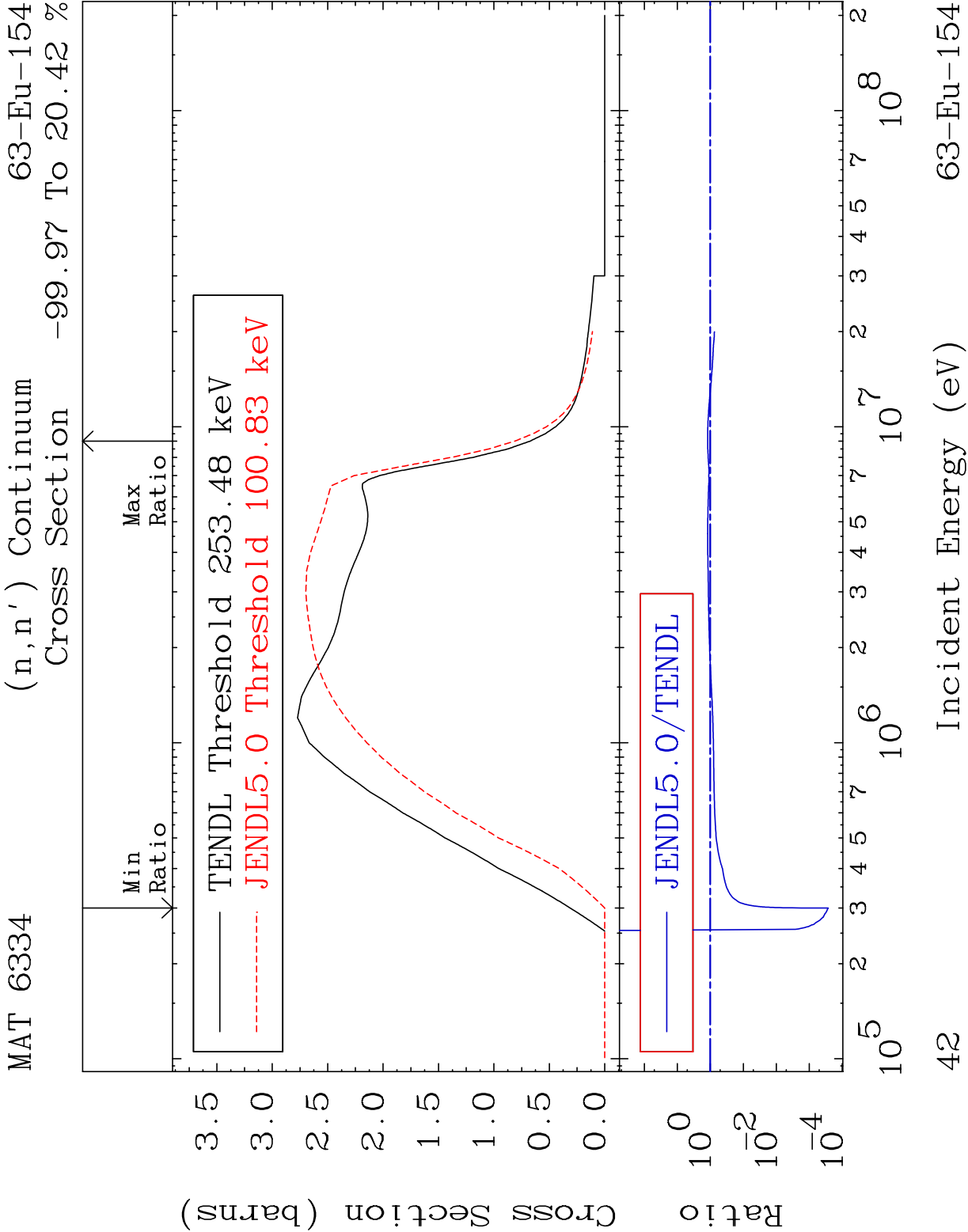
MAT 6334 MT= 79 (n,n') Level 63-Eu-154
Cross Section 611.5 To 9999. %



40 Incident Energy (eV) 63-Eu-154

MAT 6334 MT= 80 (n,n') Level 63-Eu-154
Cross Section 215.2 To 9999. %



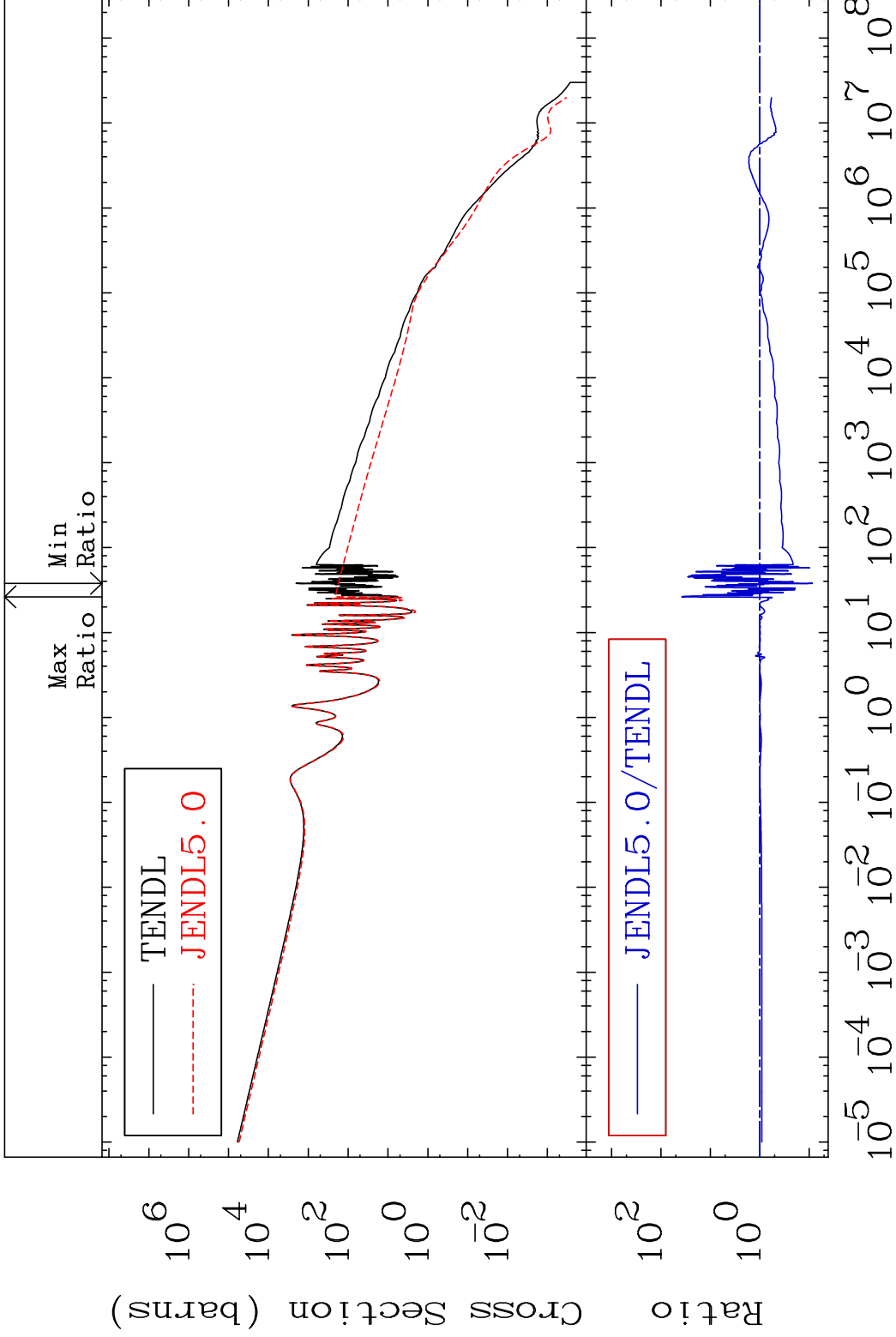


MAT 6334

(n, γ)

63-Eu-154

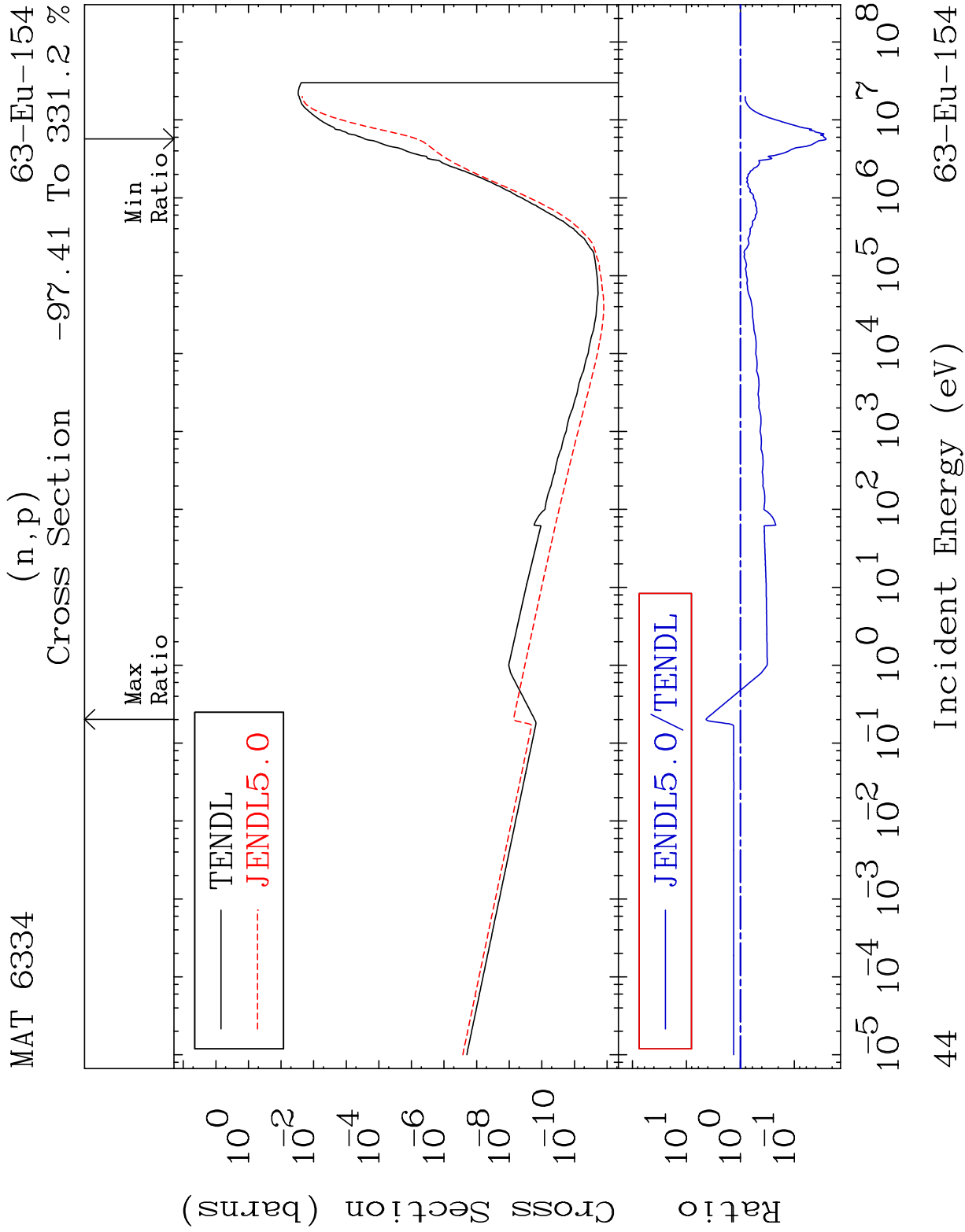
Cross Section -91.34 To 3691. %

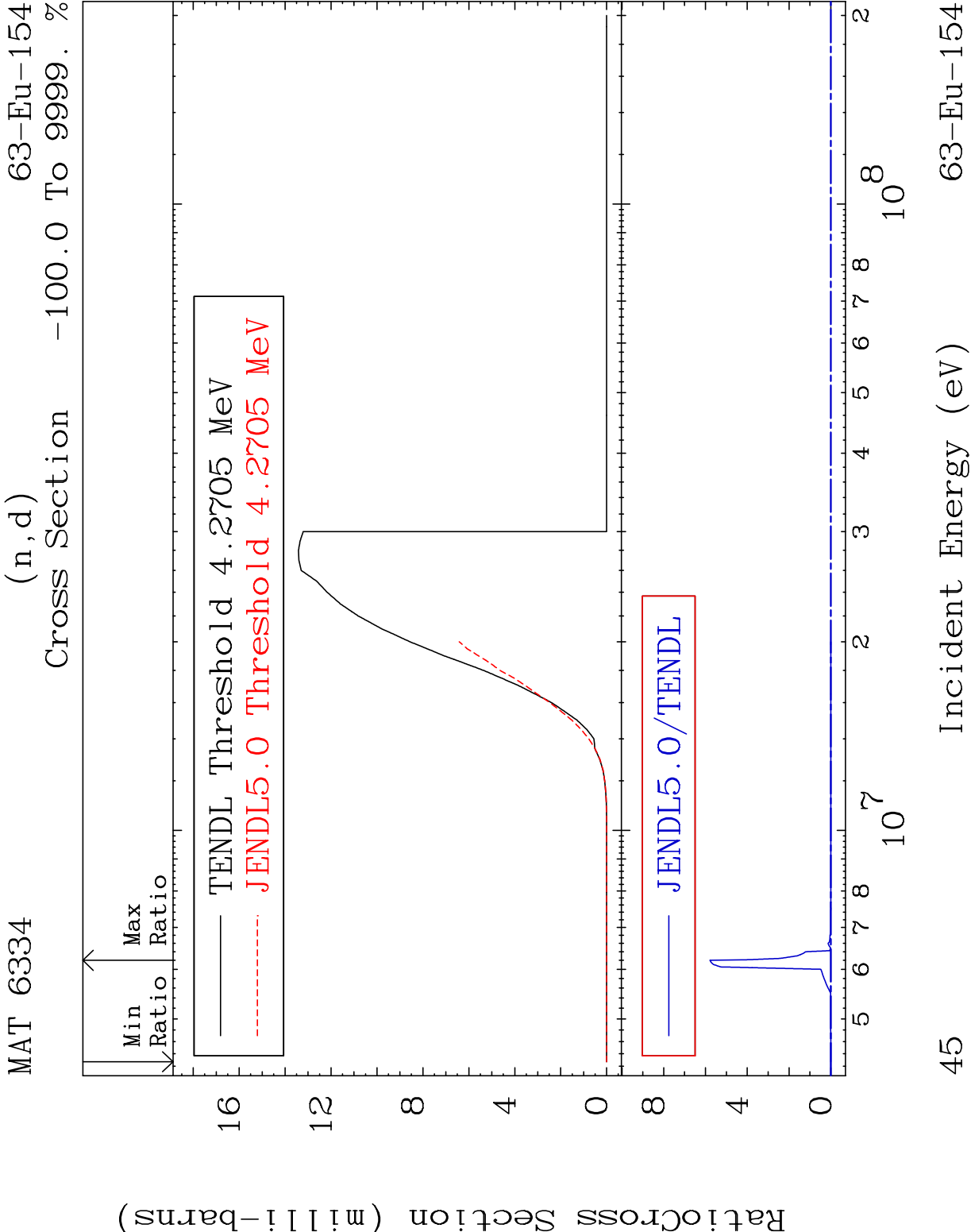


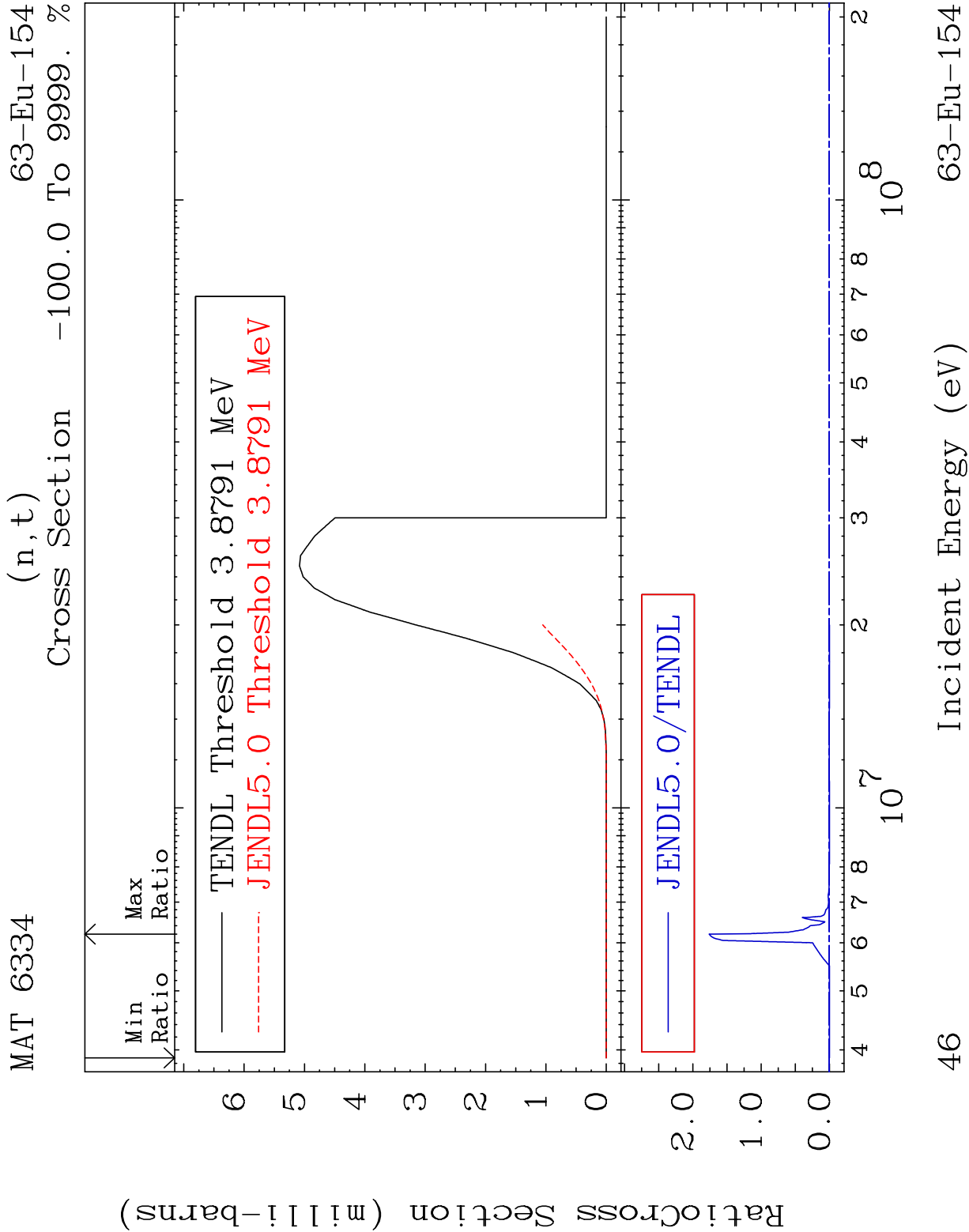
43

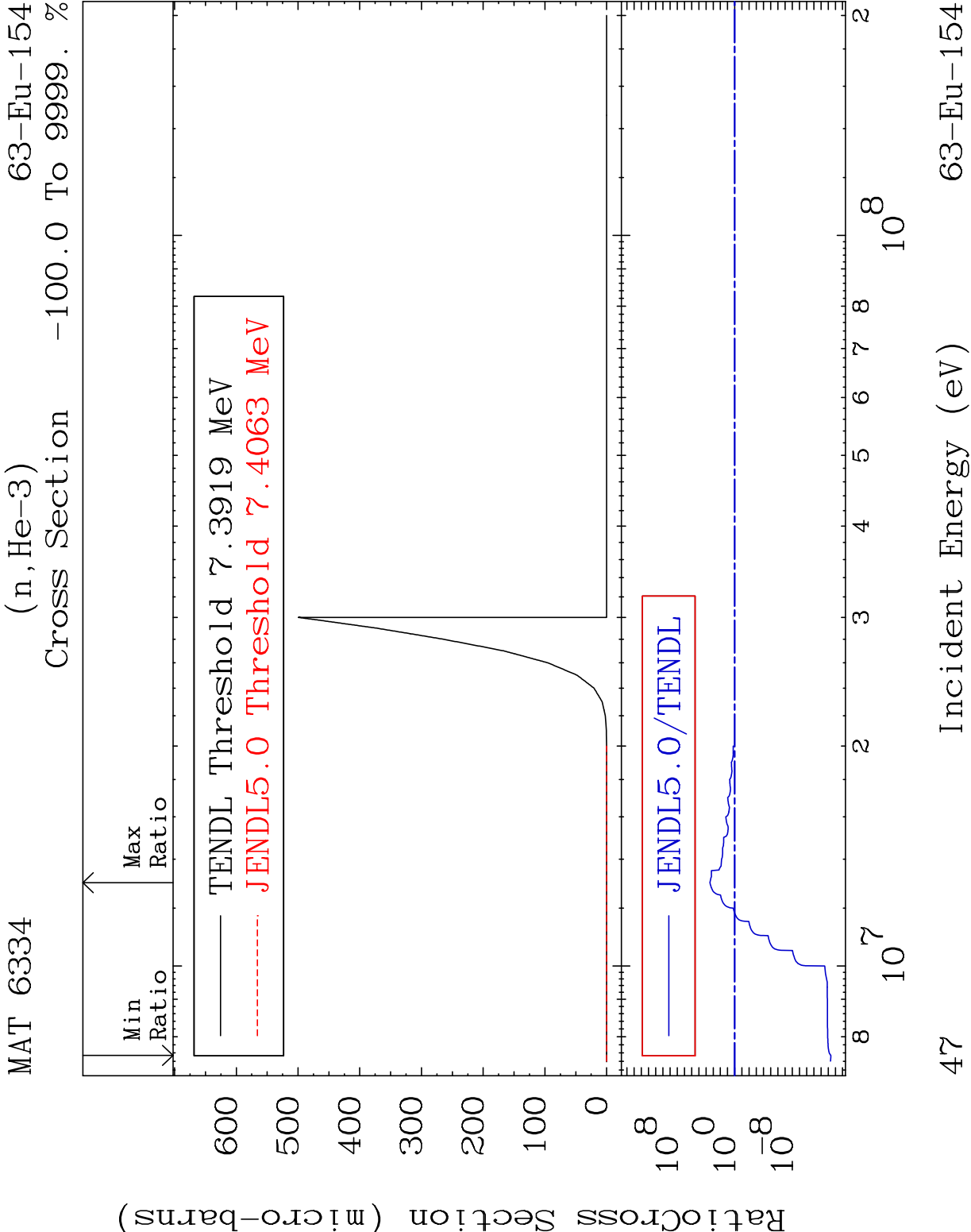
Incident Energy (eV)

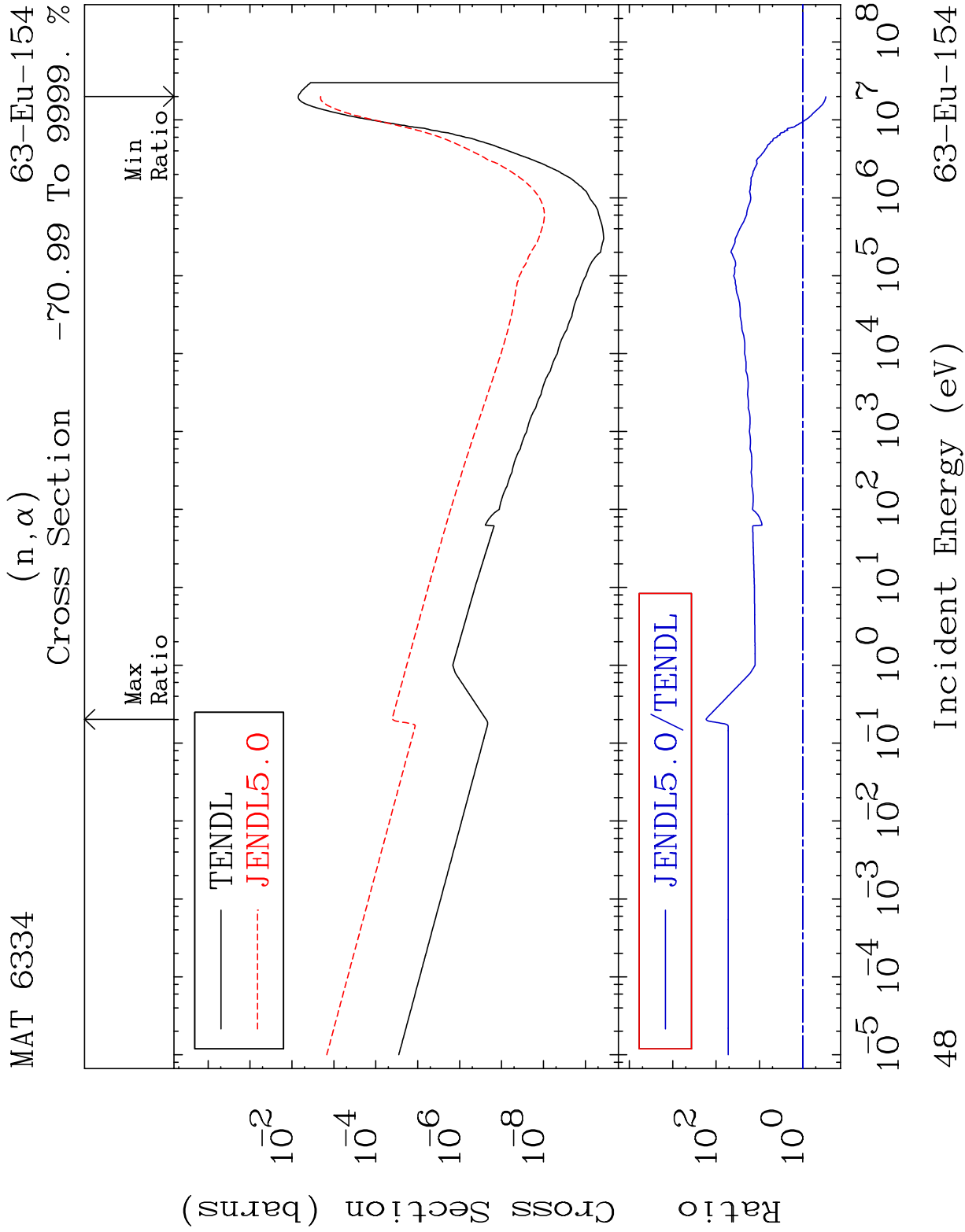
63-Eu-154



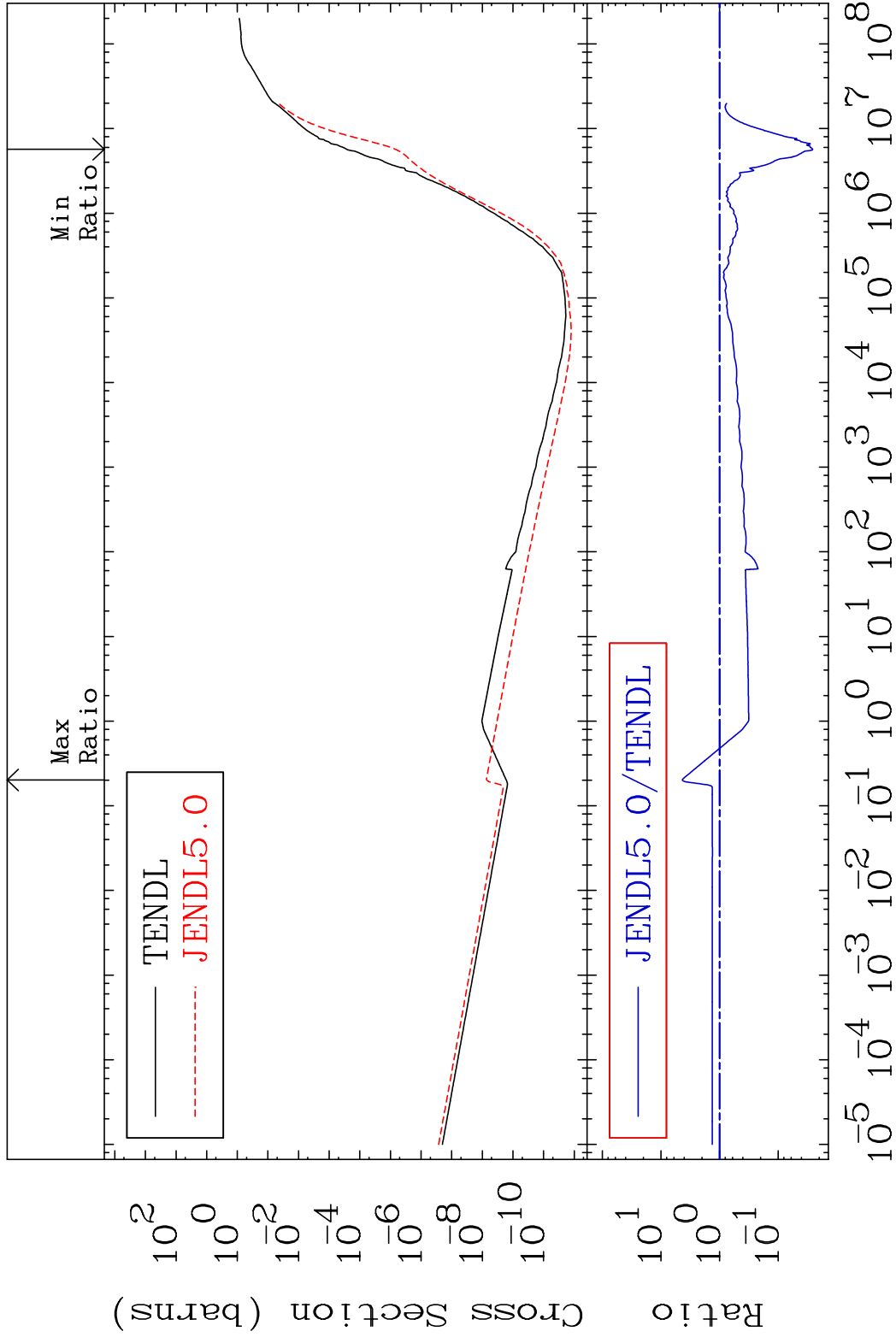




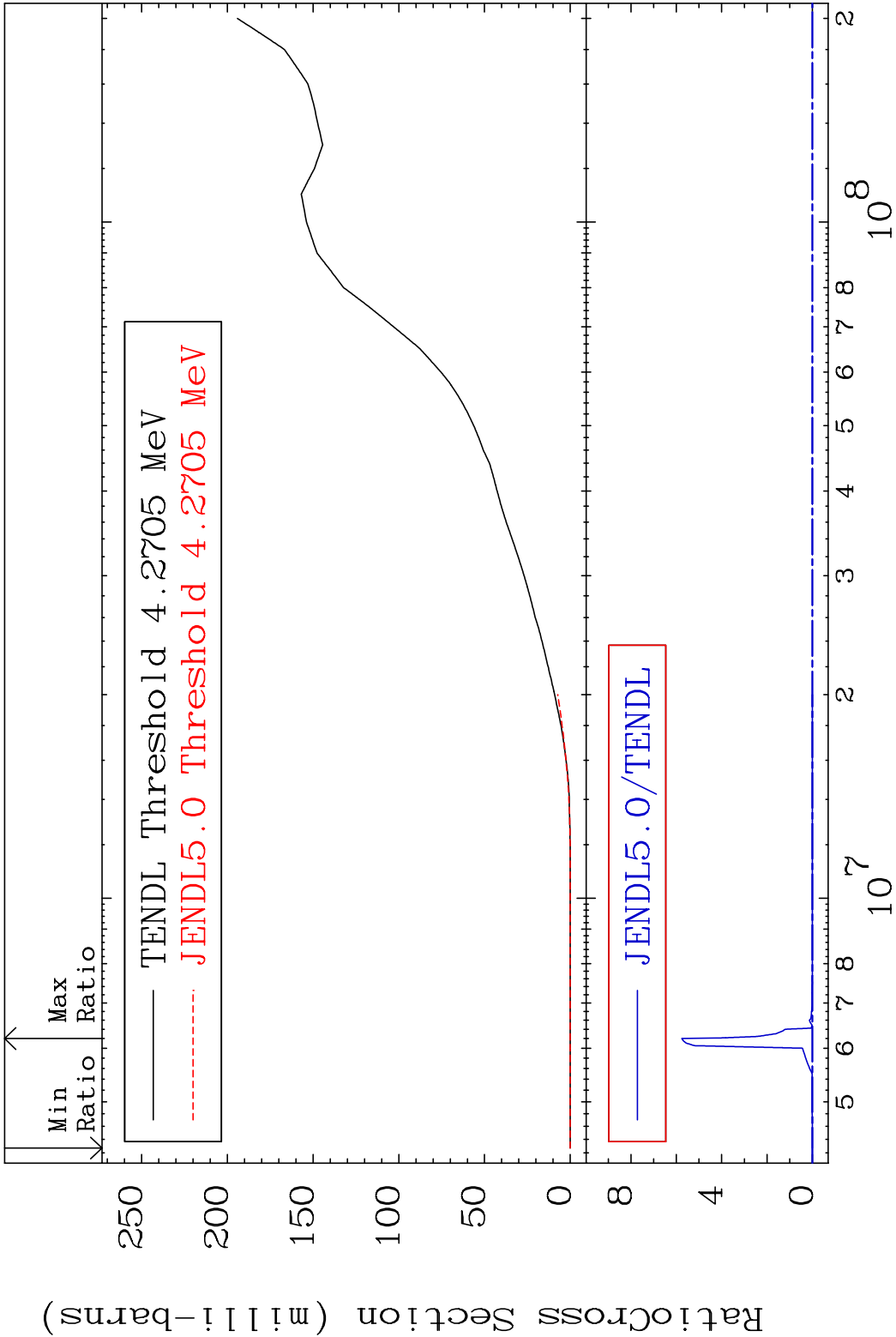


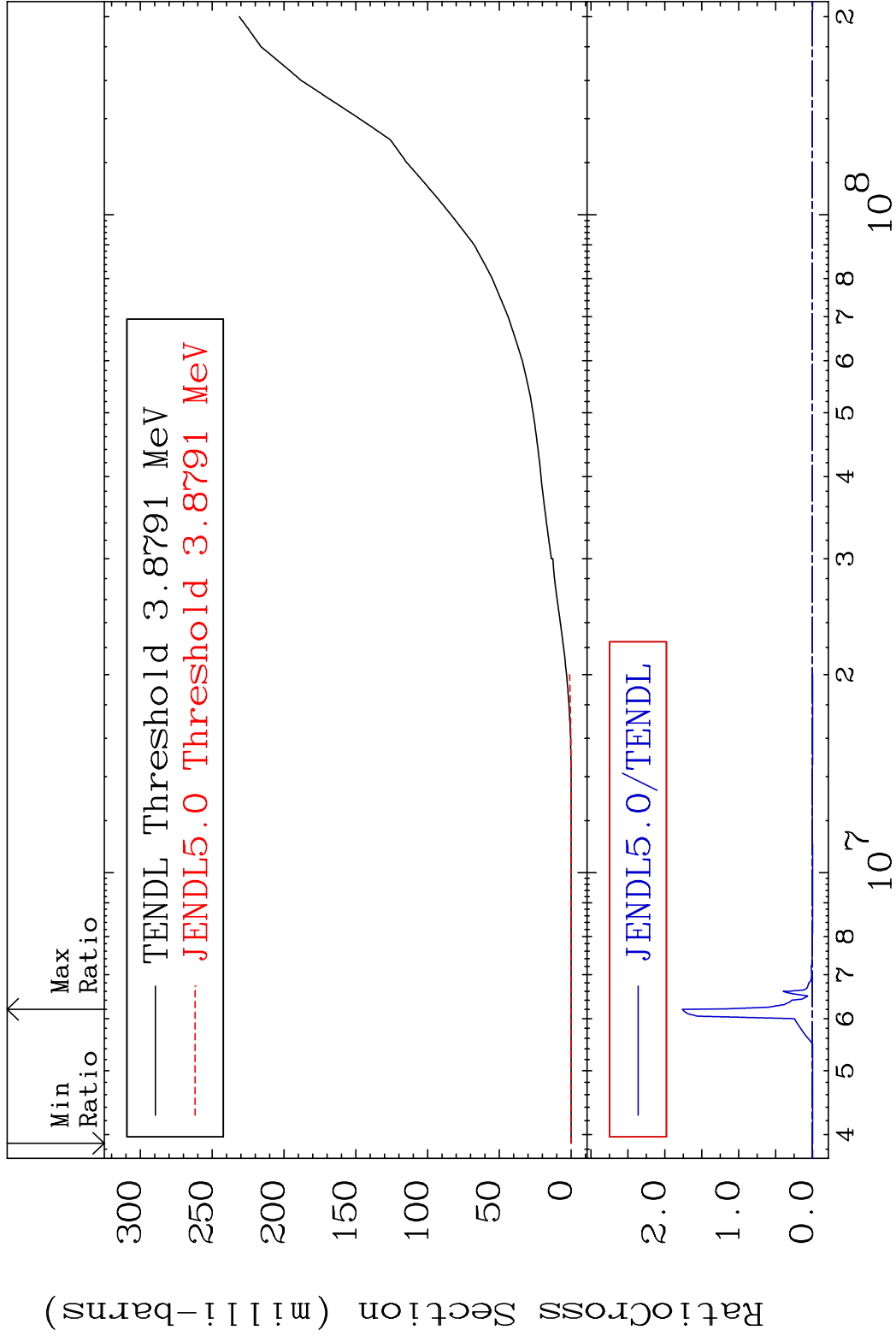


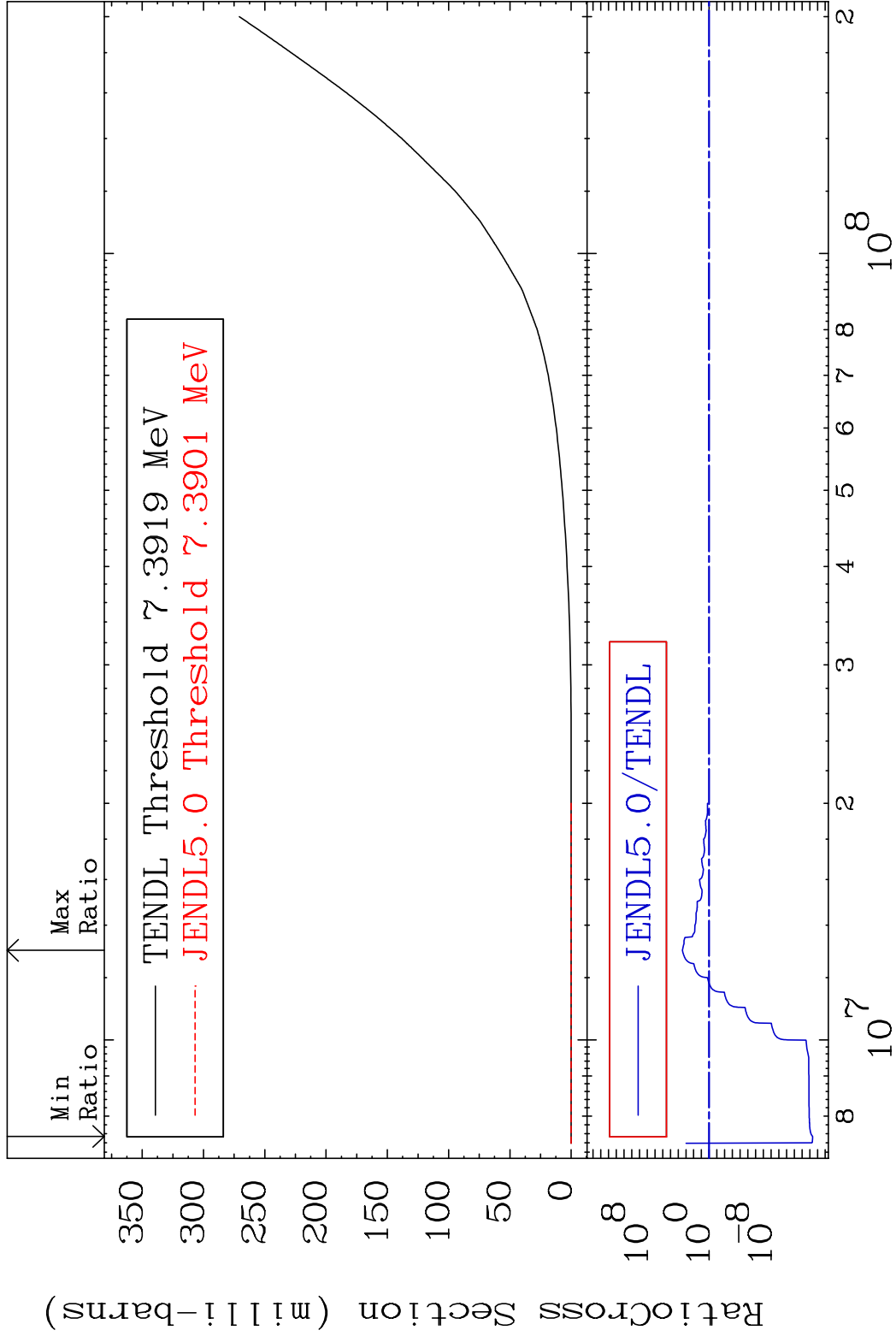
MAT 6334 Hydrogen Production 63-Eu-154
Cross Section -97.41 To 331.2 %

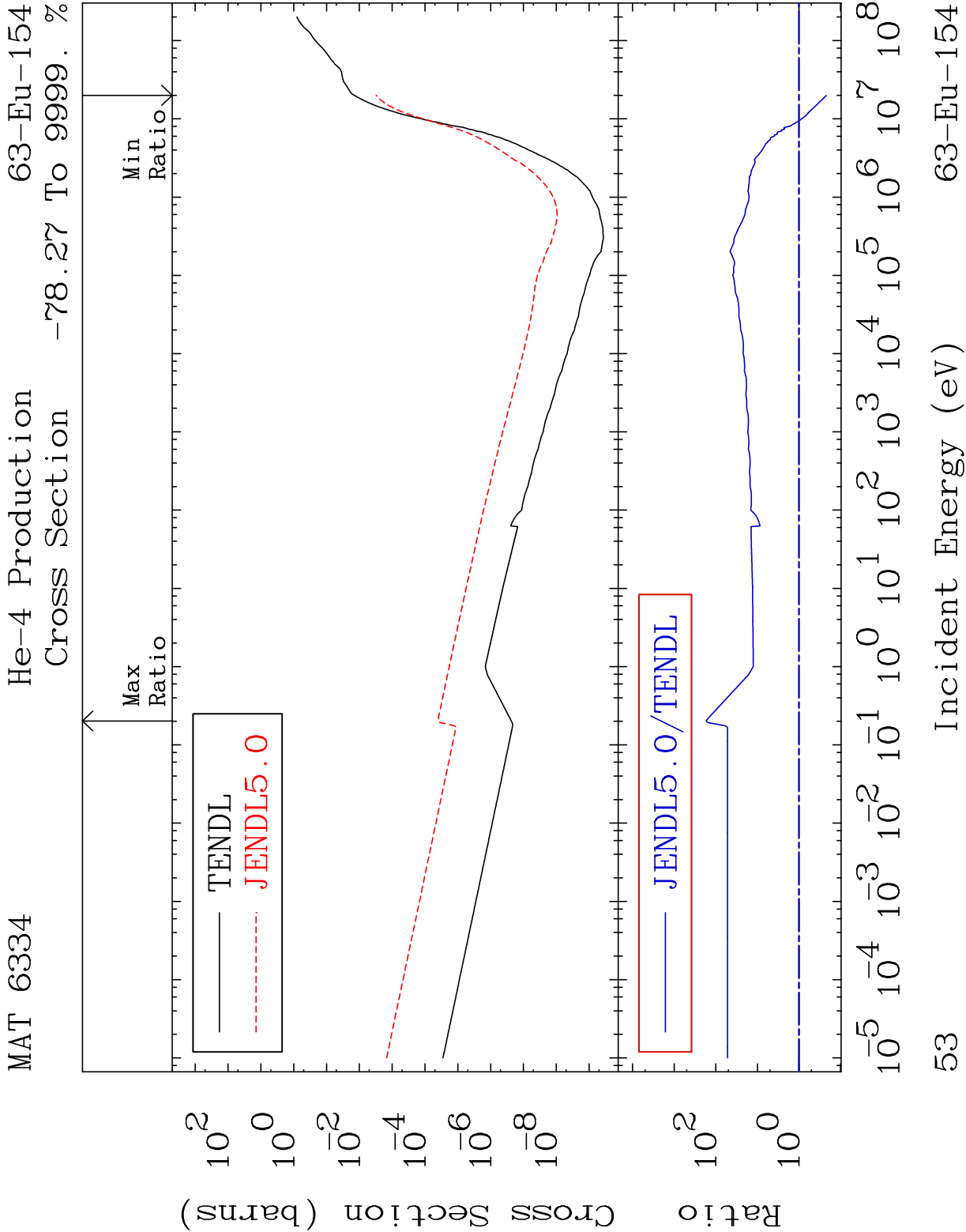


49 Incident Energy (eV) 63-Eu-154

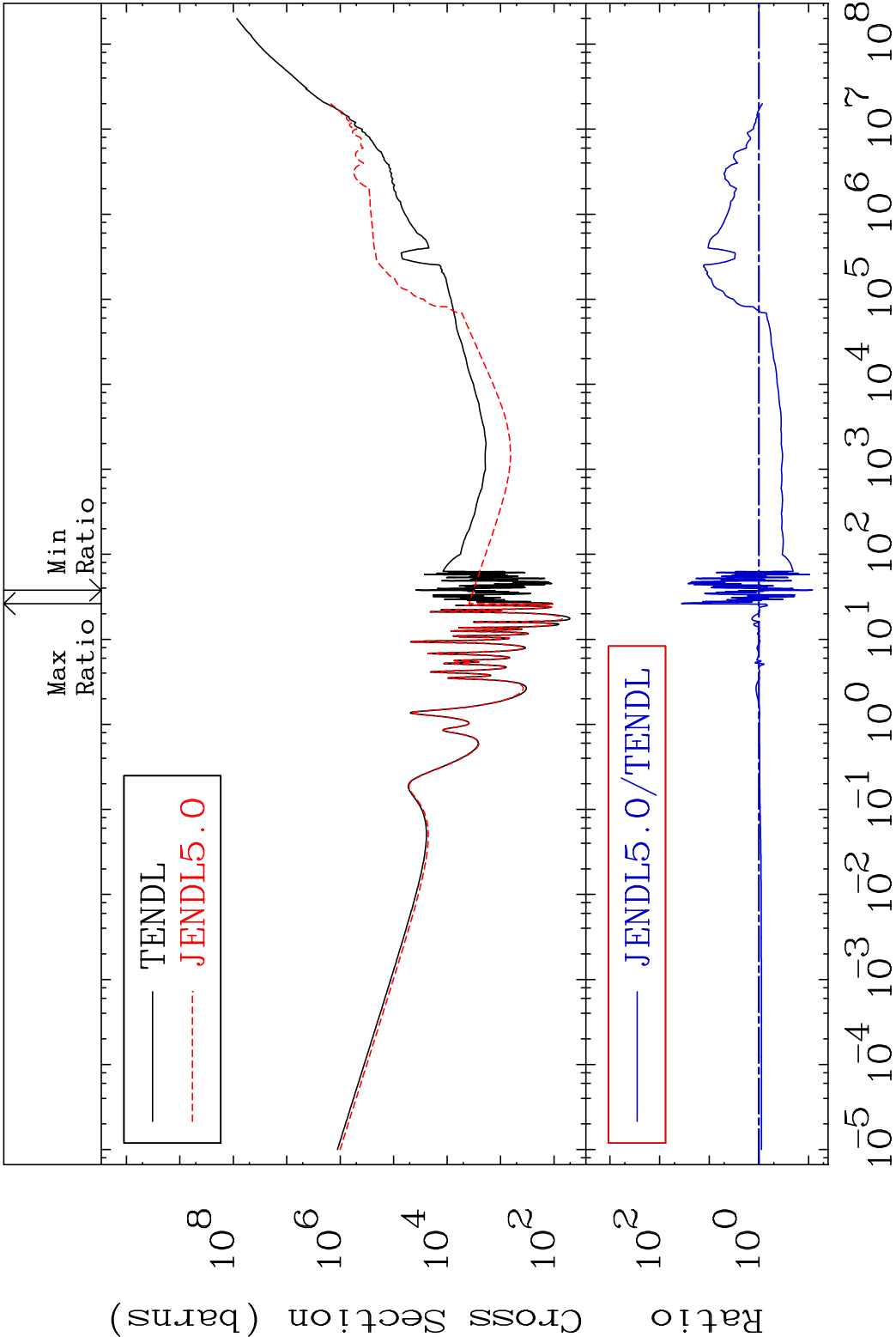






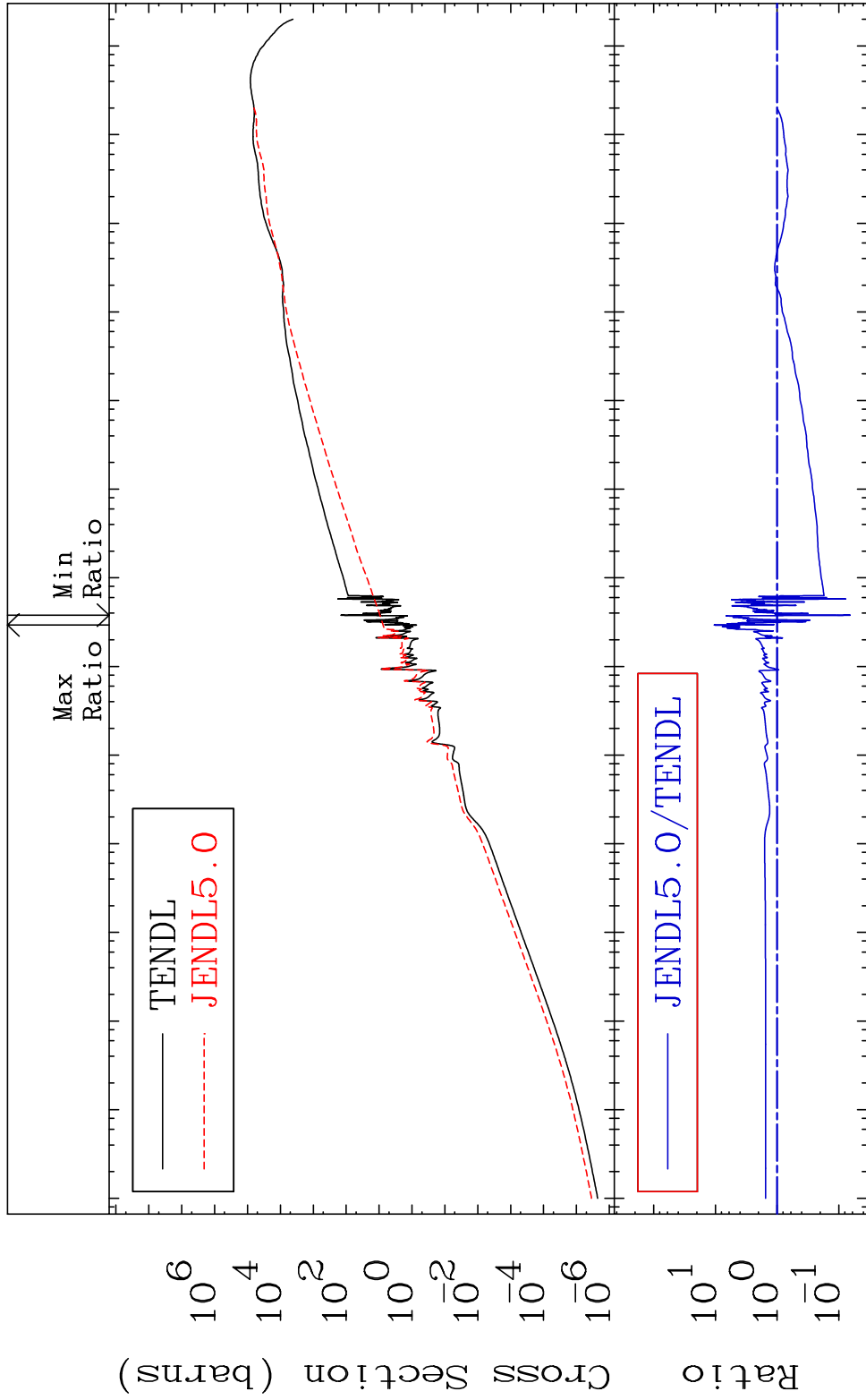


MAT 6334 Kerma total (eV-barns) 63-Eu-154
Cross Section -91.55 To 3509. %

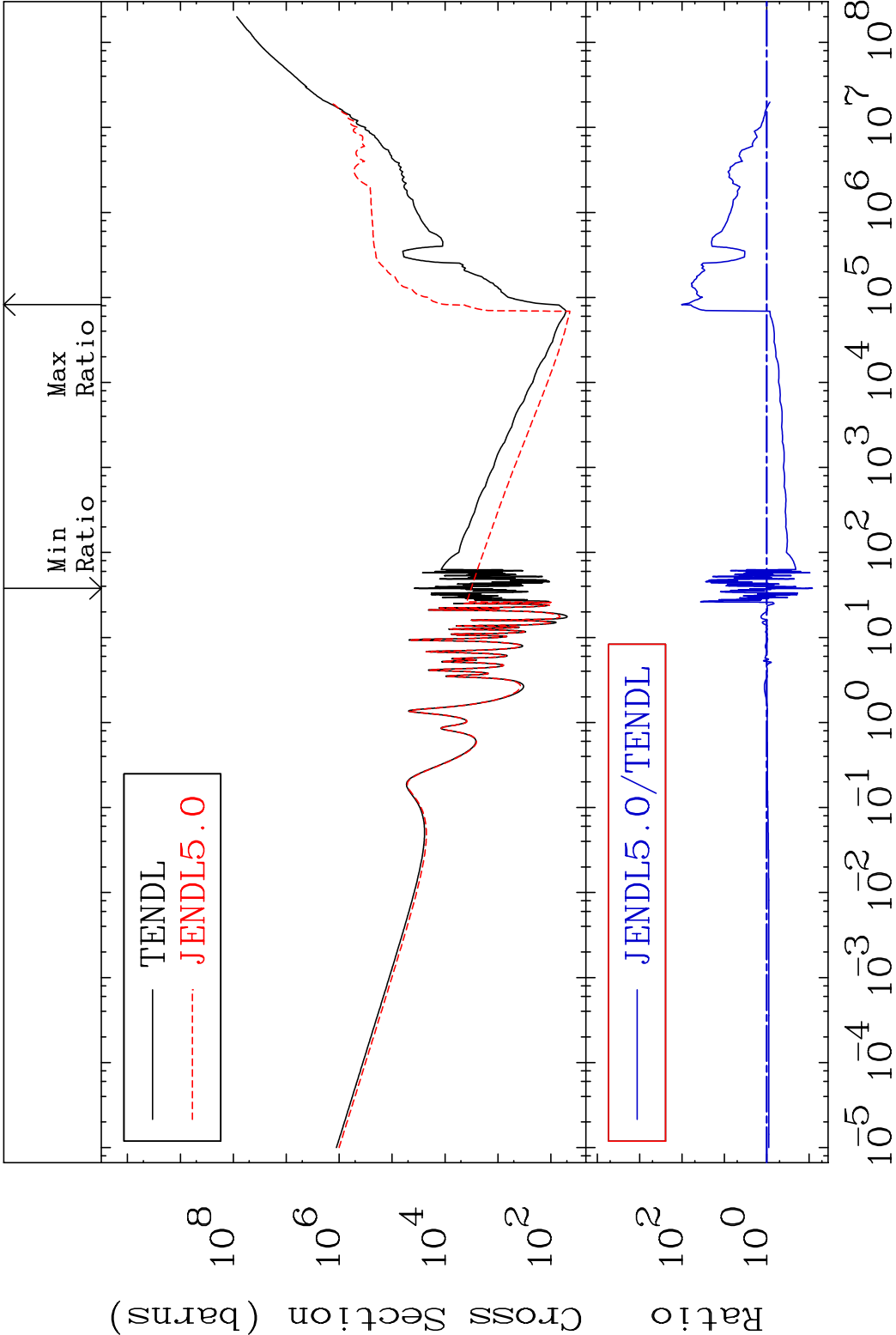


54 Incident Energy (eV) 63-Eu-154

MAT 6334 Kerma elastic 63-Eu-154
Cross Section -93.49 To 953.8 %

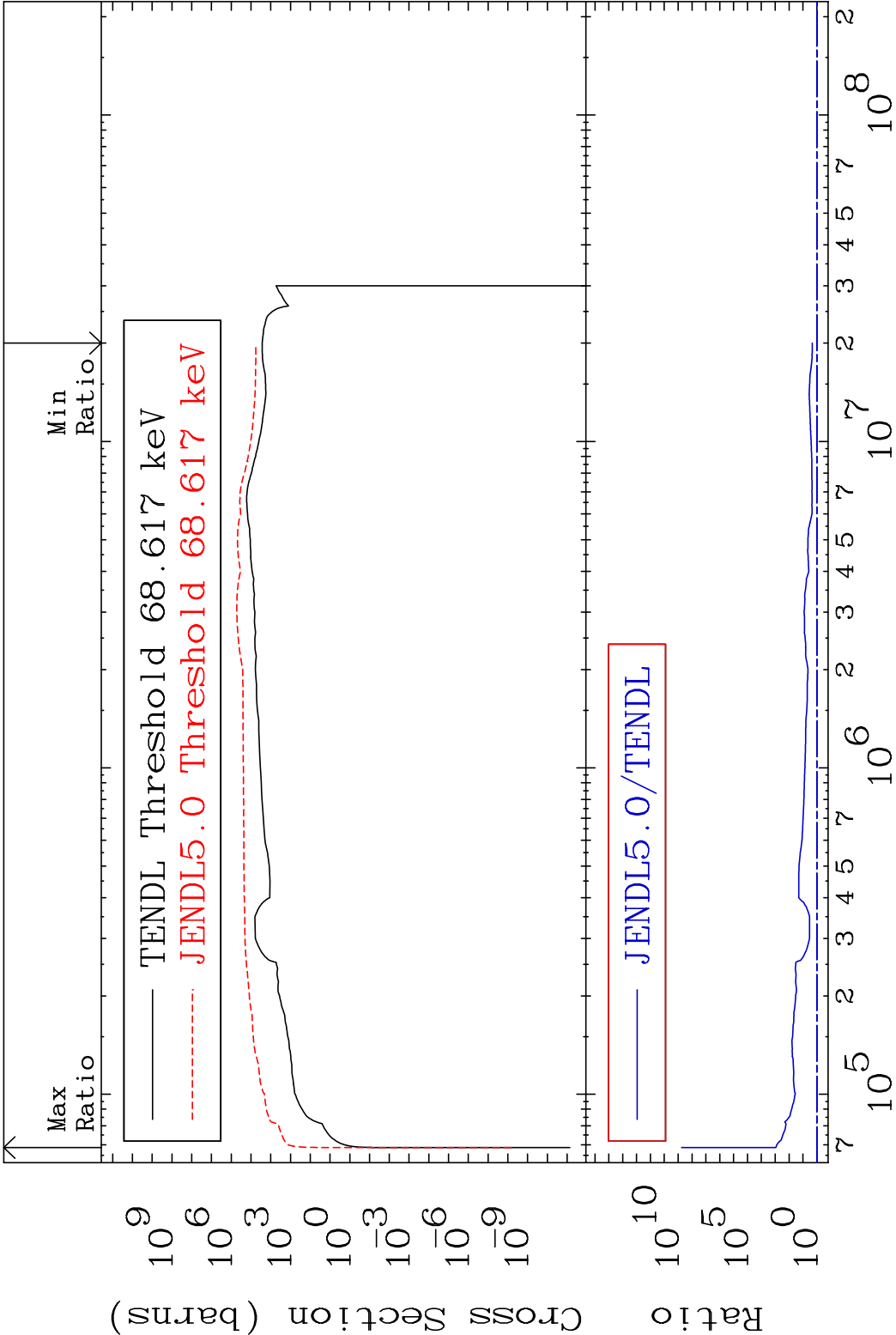


MAT 6334 Kerma non-elastic (all but mt2) 63-Eu-154
Cross Section -91.54 To 9999. %

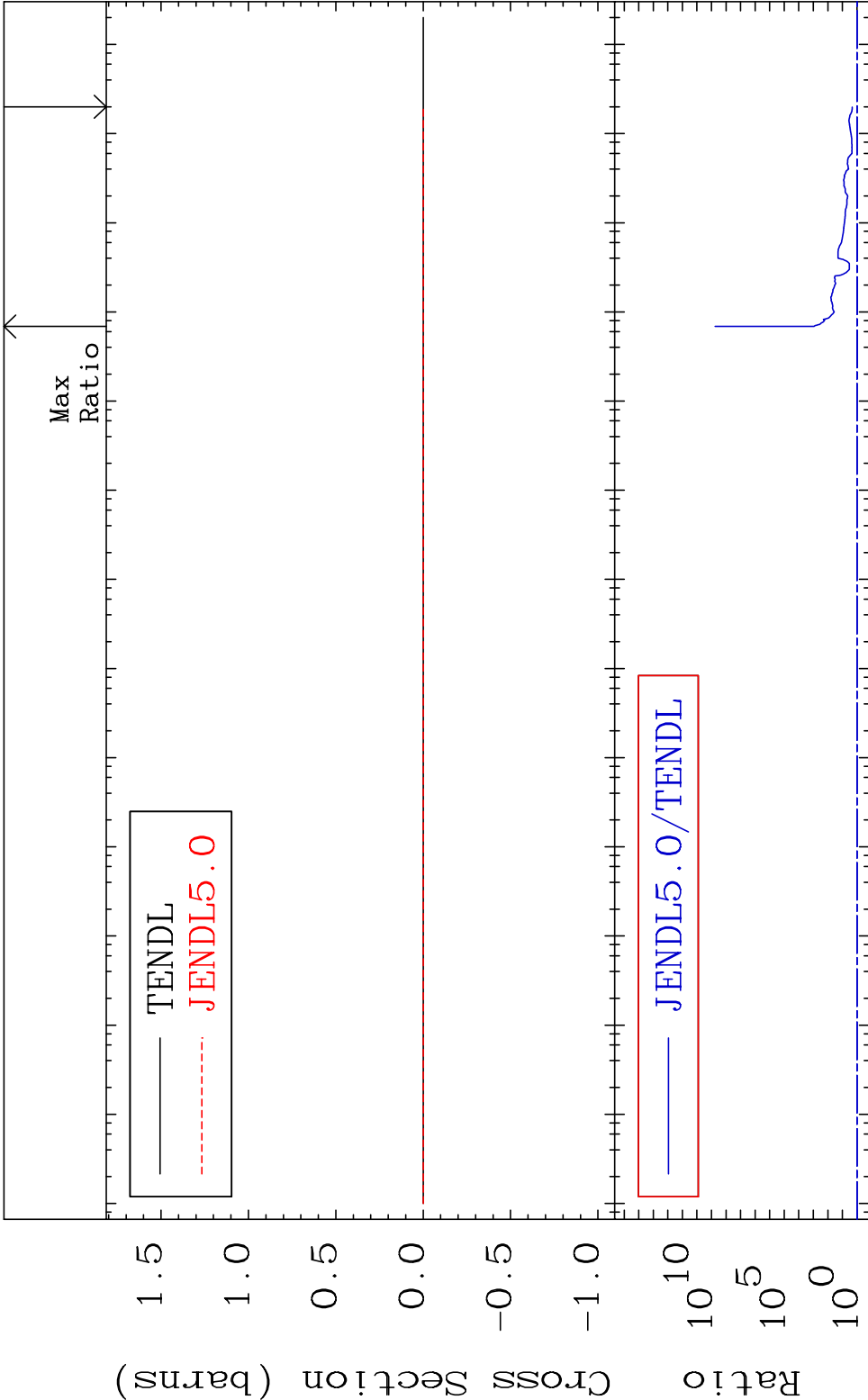


56 Incident Energy (eV) 63-Eu-154

MAT 6334 Kerma inelastic (mt51-91) 63-Eu-154
Cross Section 113.5 To 9999. %



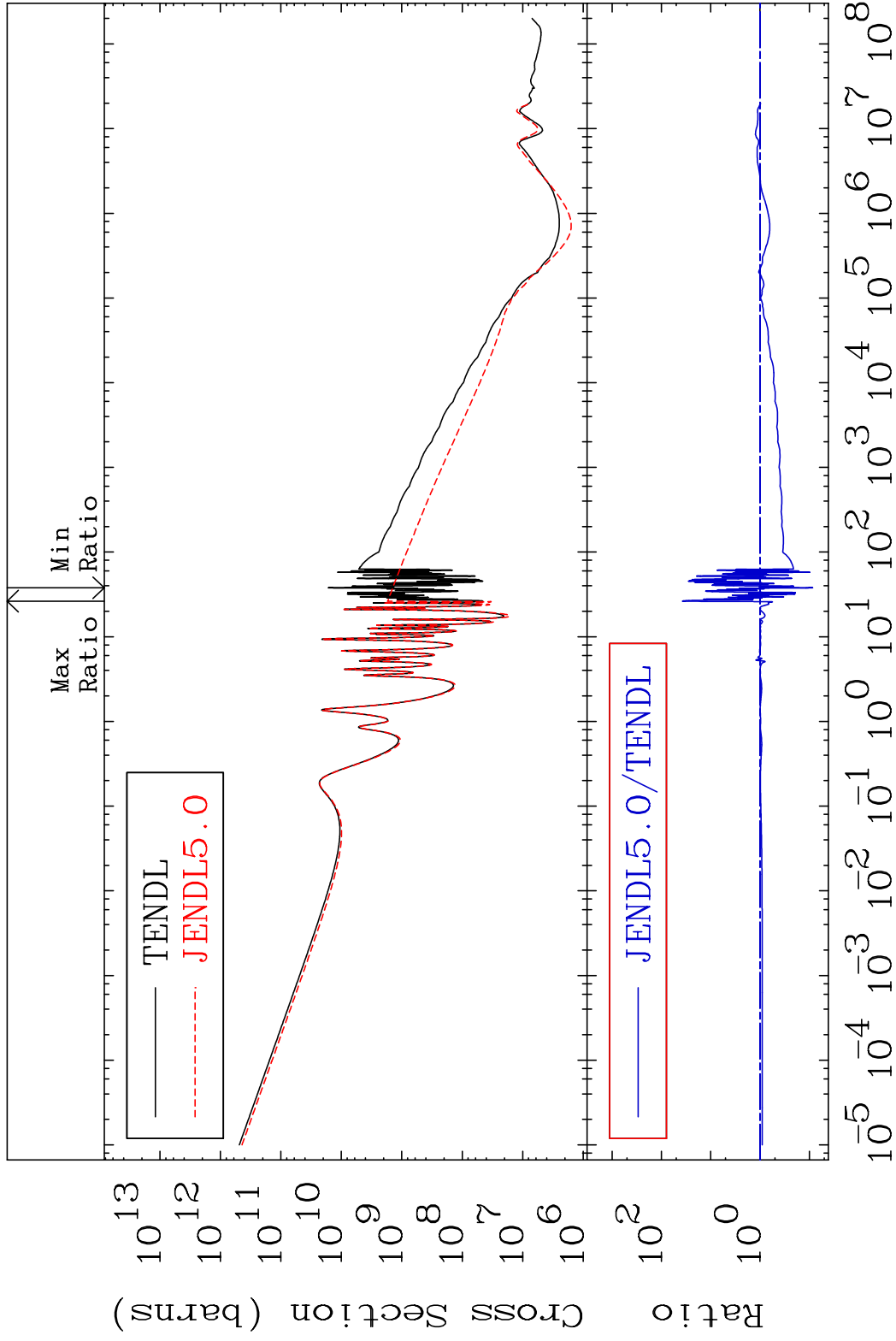
MAT 6334 Kerma fission (mt18 or mt19-20-21-38)63-Eu-154
Cross Section 113.5 To 9999. %



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

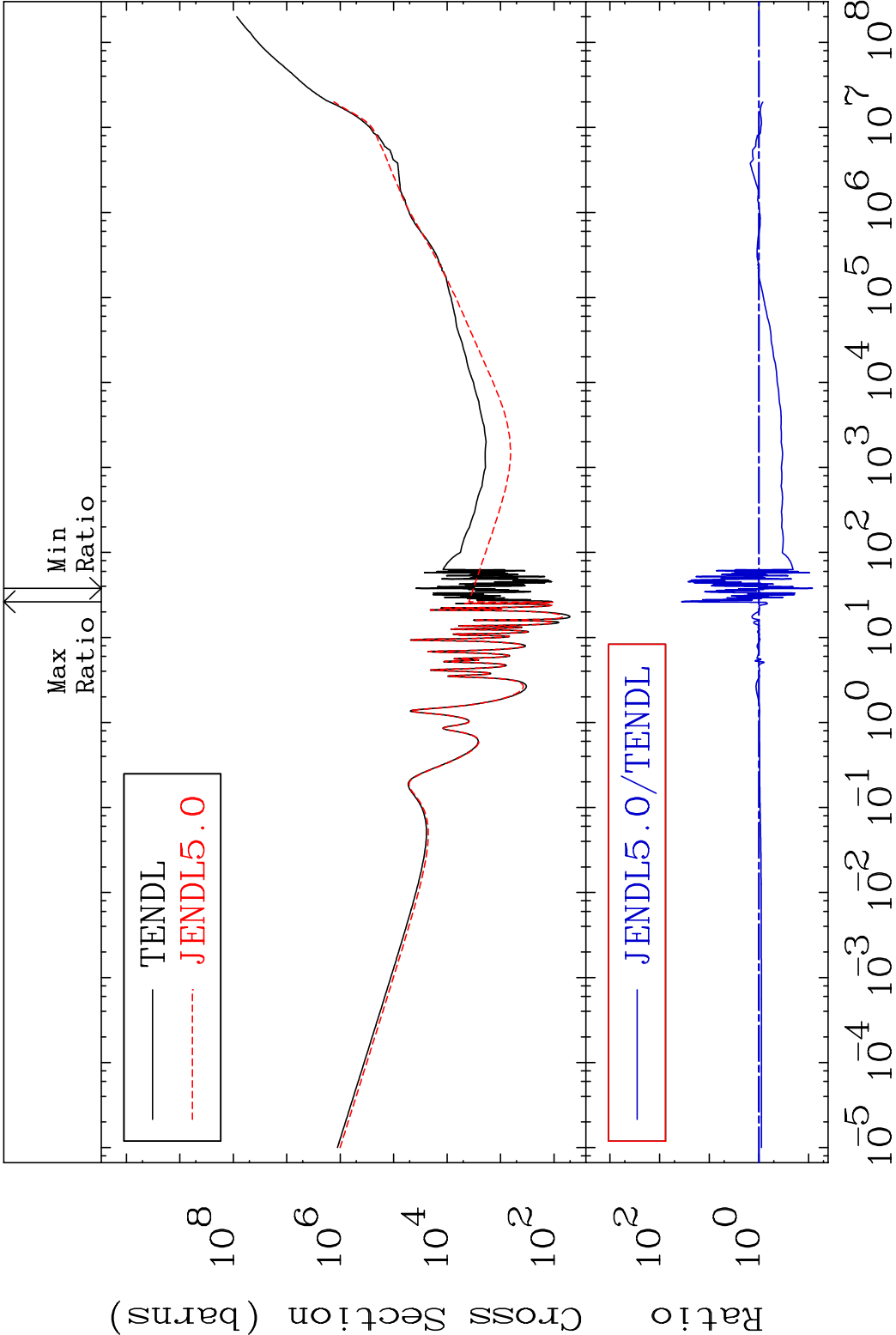
58 Incident Energy (eV) 63-Eu-154

MAT 6334 Total photon (eV-barns) 63-Eu-154
 Cross Section -91.40 To 3667. %



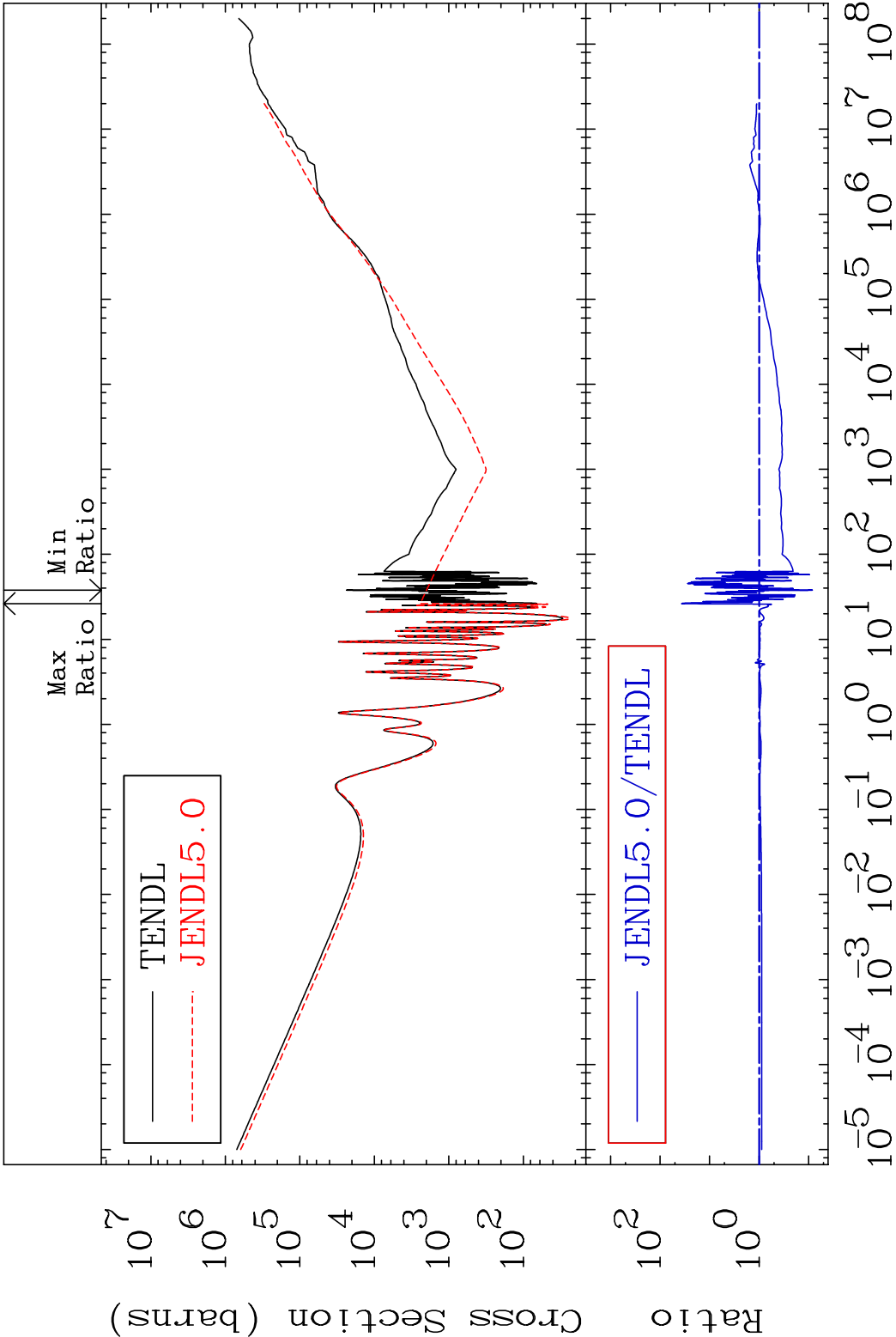
60 Incident Energy (eV) 63-Eu-154

MAT 6334 Total kinematic kerma (high limit) 63-Eu-154
Cross Section -91.55 To 3508. %

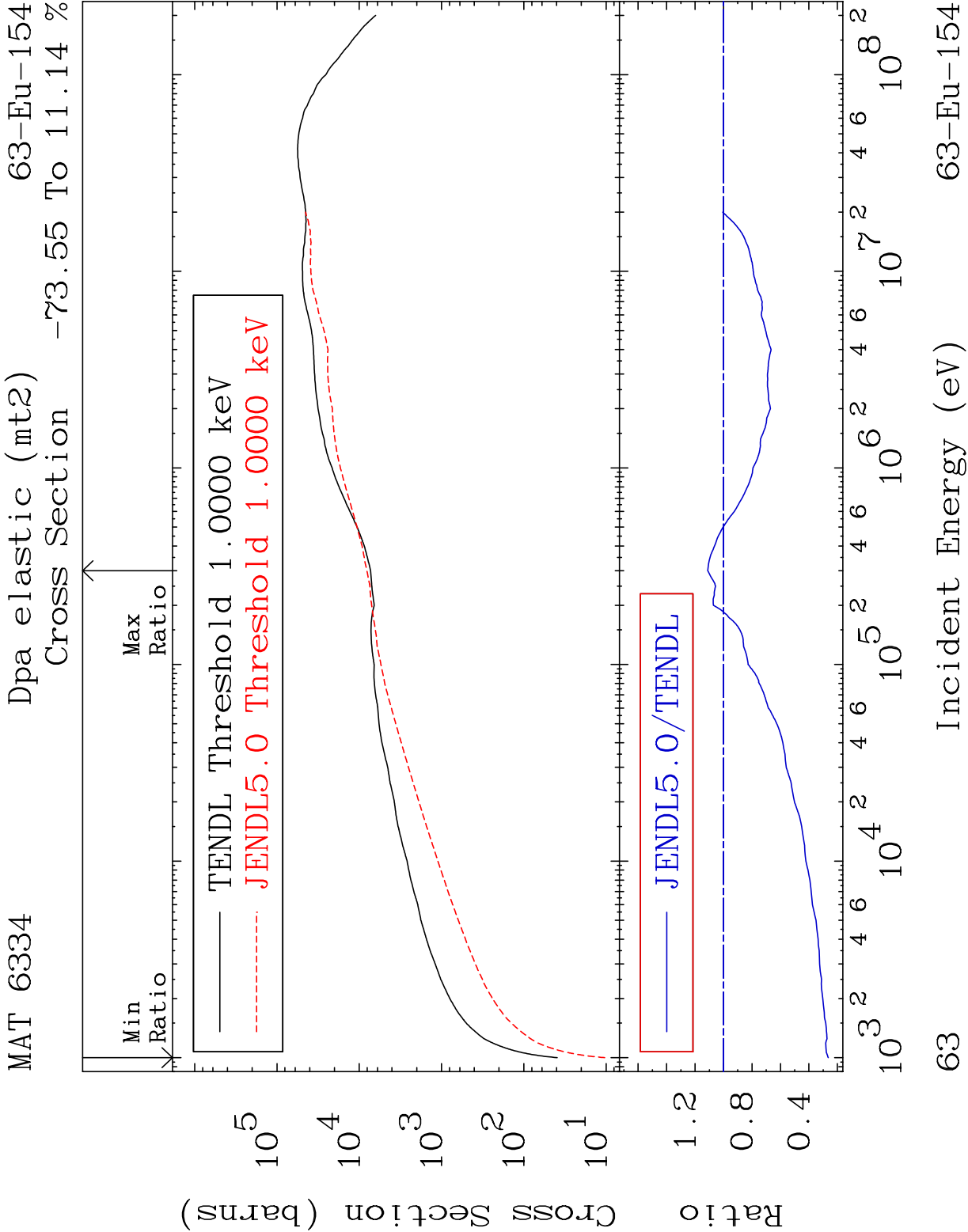


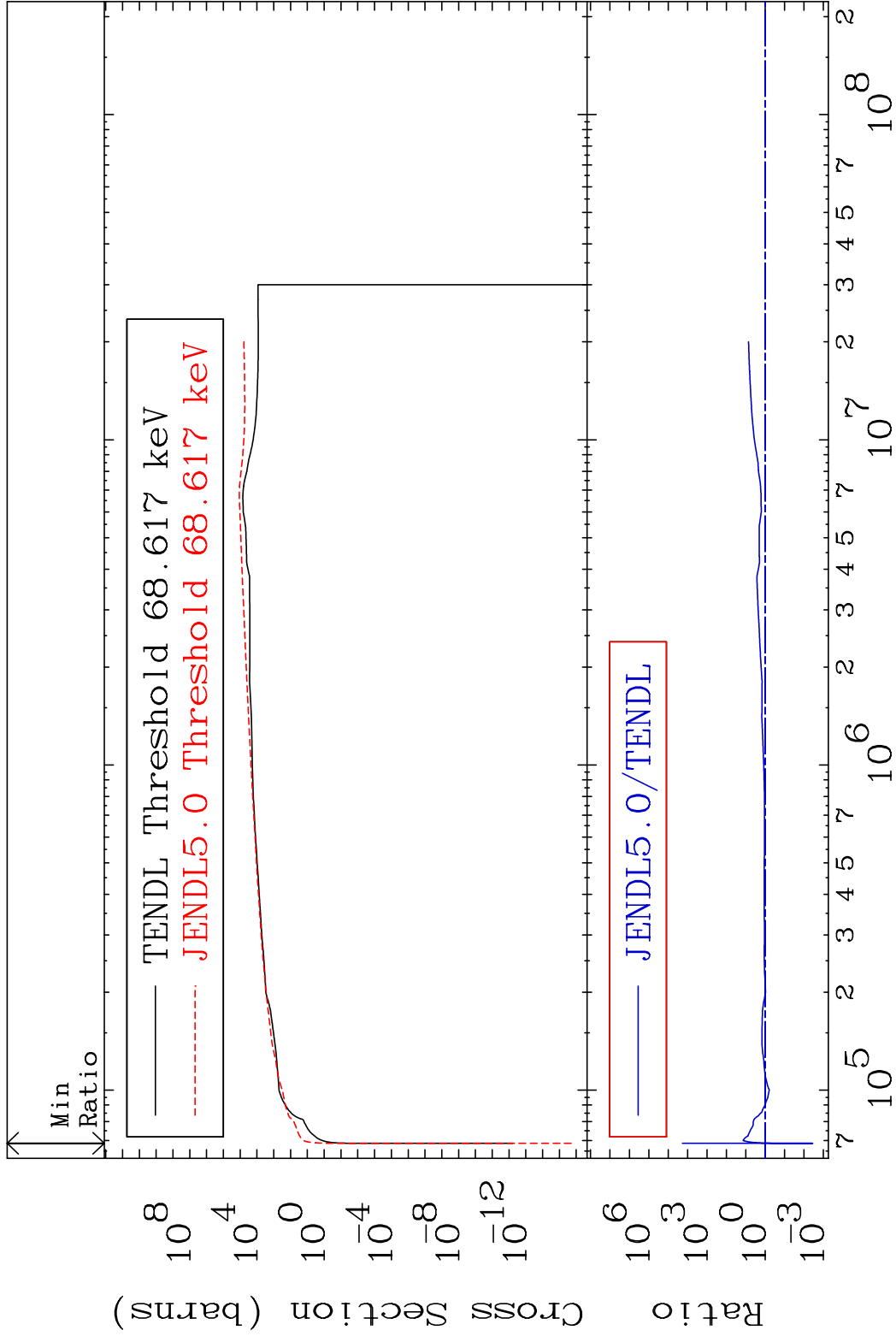
61 Incident Energy (eV) 63-Eu-154

MAT 6334 Dpa total (eV-barns) 63-Eu-154
Cross Section -91.57 To 3589. %



62 Incident Energy (eV) 63-Eu-154





MAT 6334 Dpa disappearance (mt102 -120) 63-Eu-154
Cross Section -93.46 To 3589. %

