

Program Complot
(Version 2021-1)

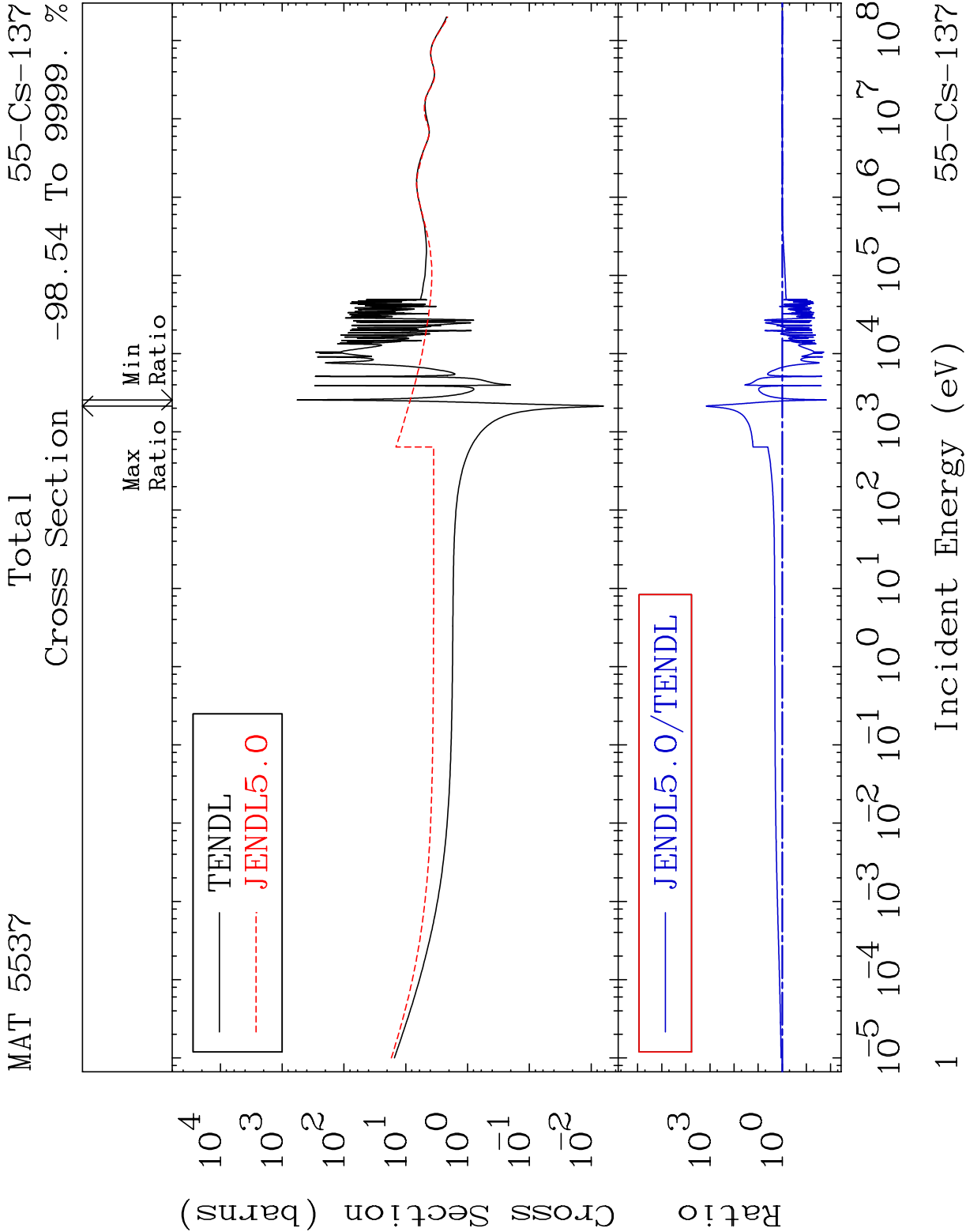
by

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Press Mouse Button to Start

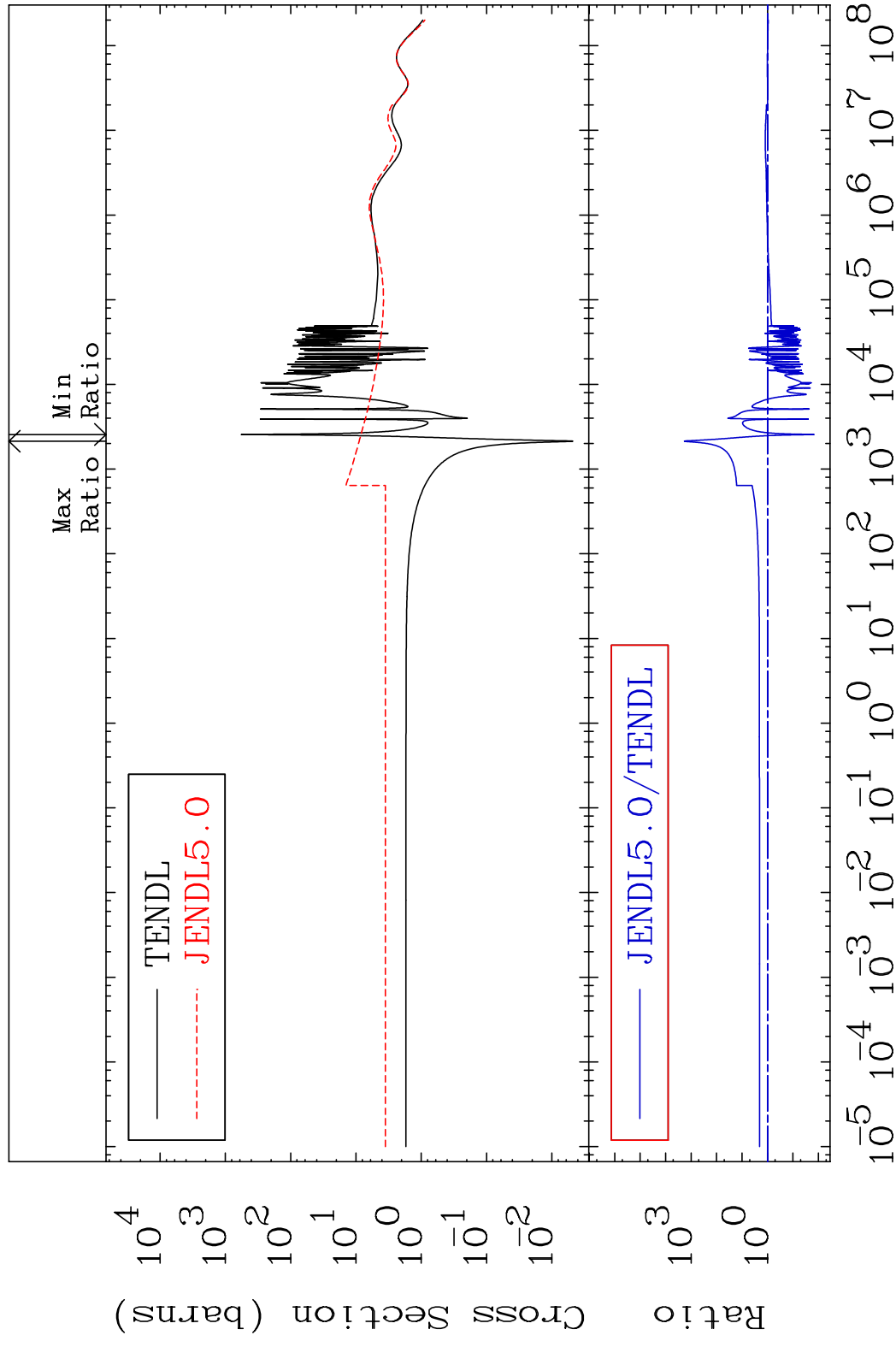


MAT 5537

Elastic

55-CS-137

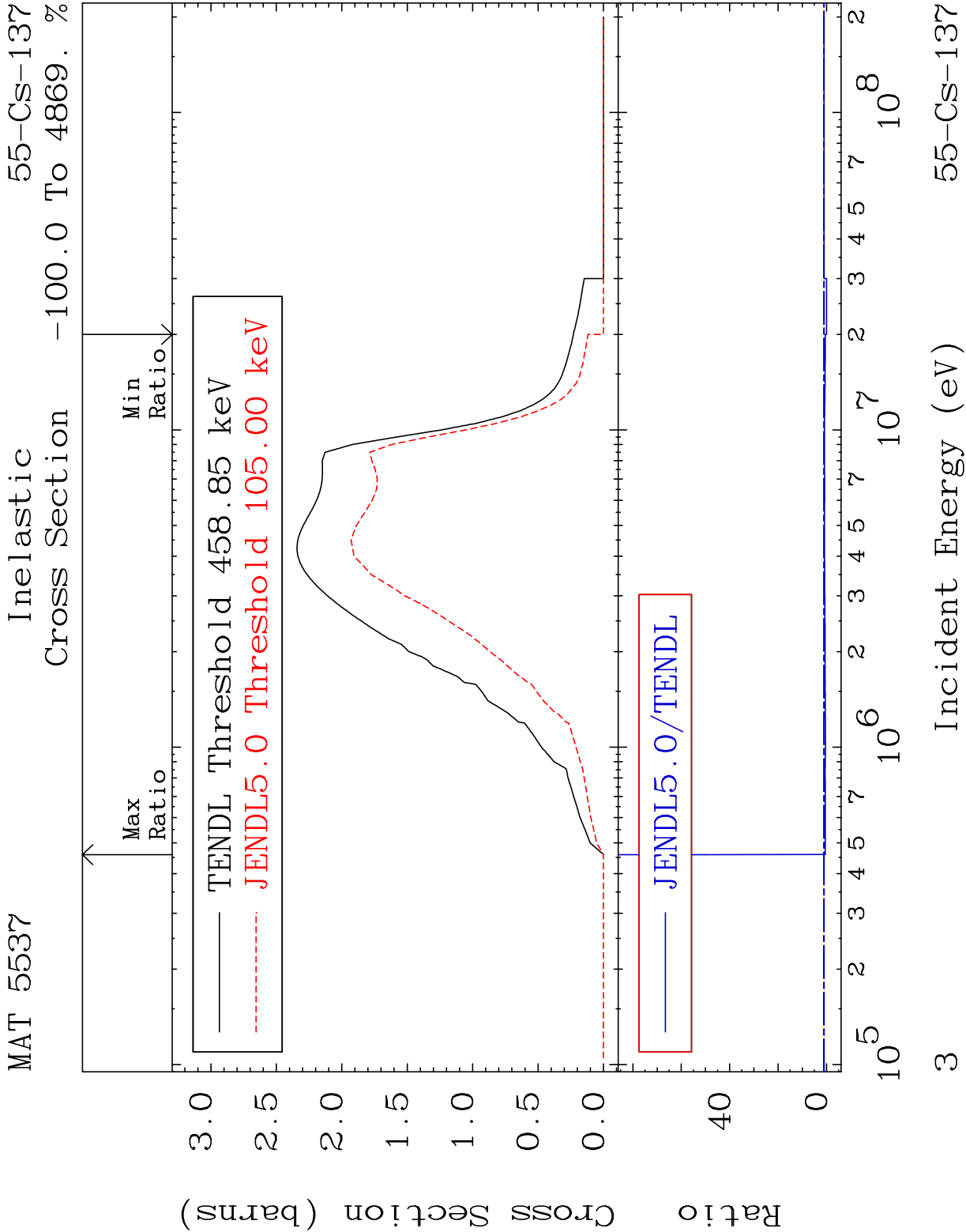
Cross Section -98.55 To 9999. %

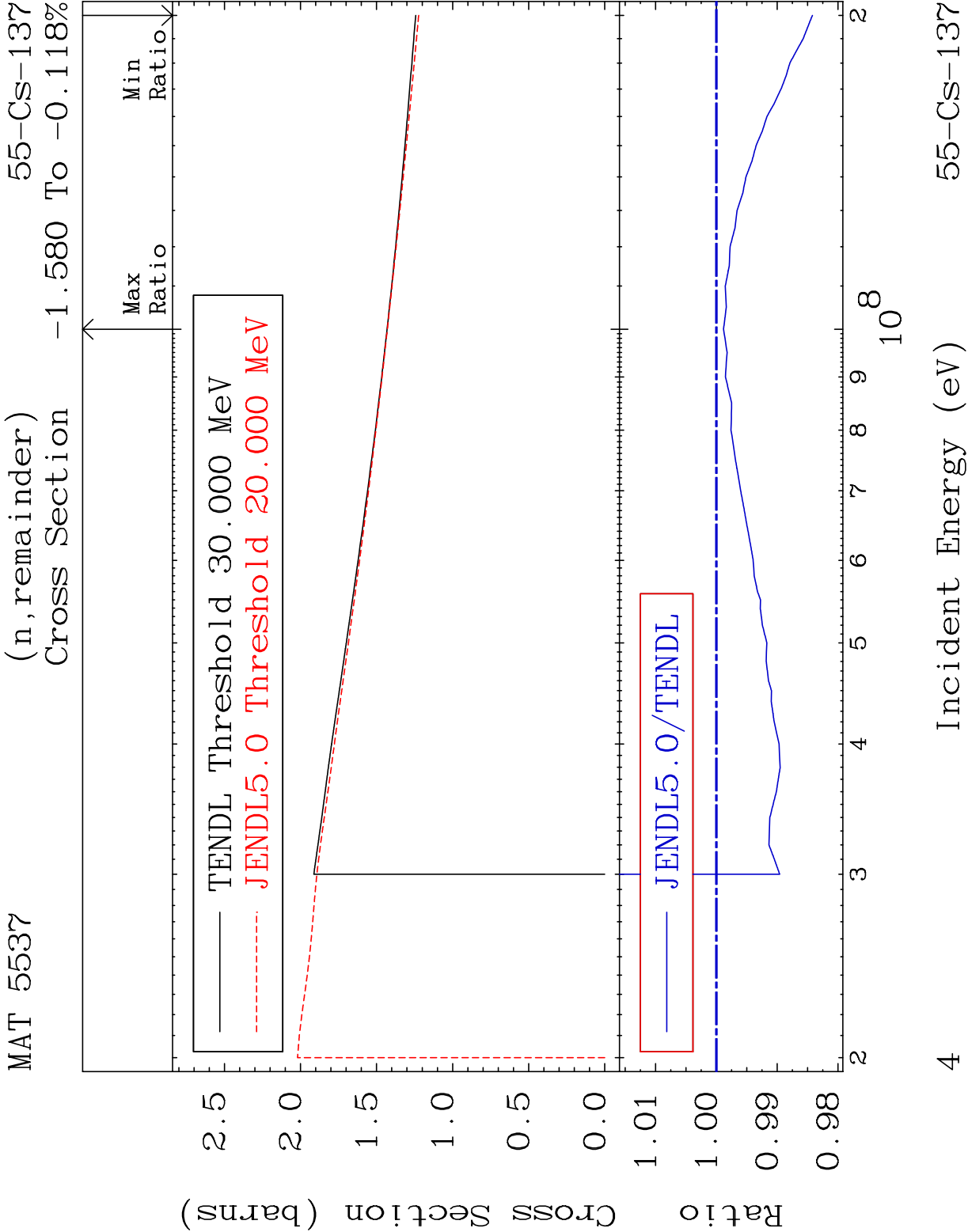


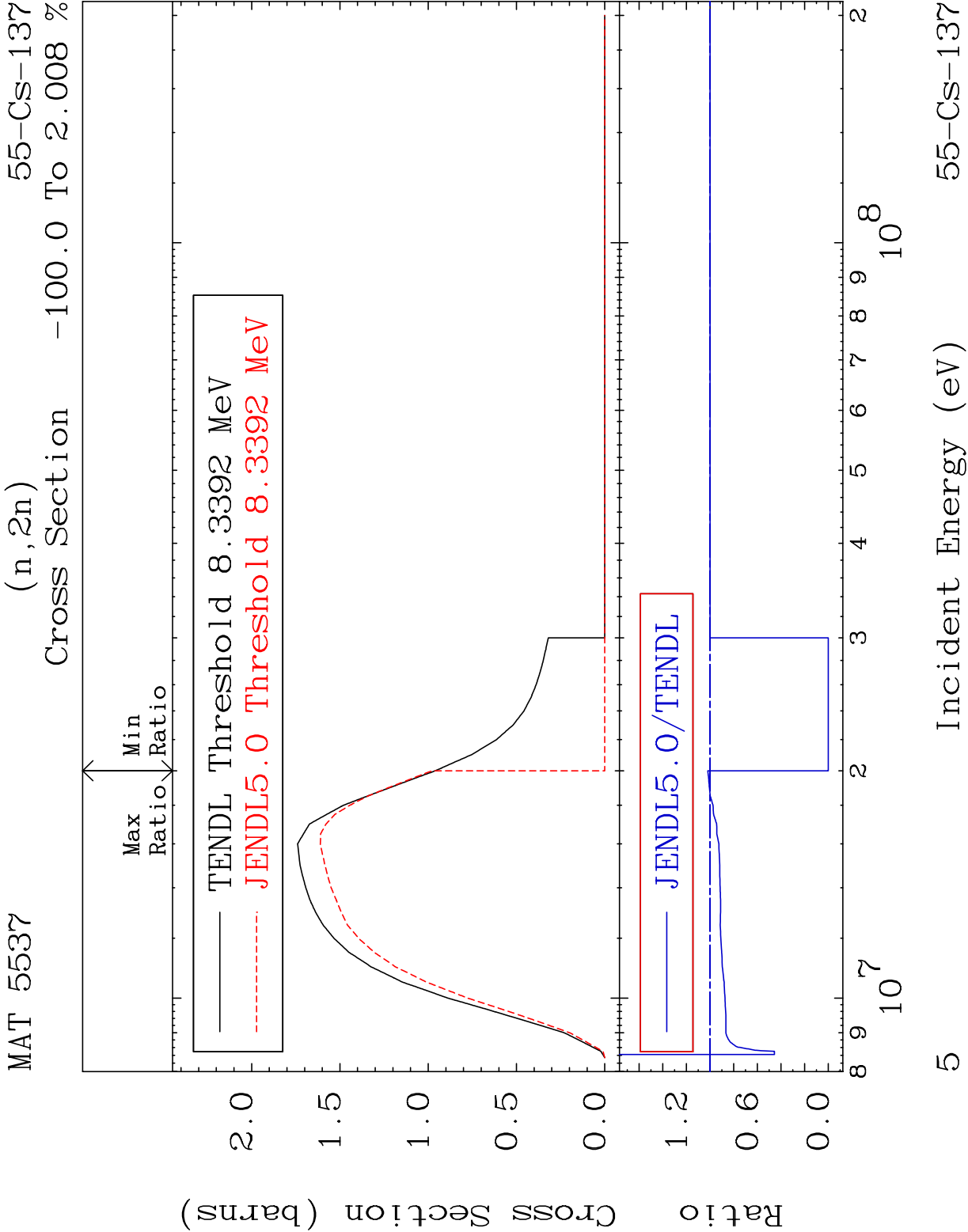
2

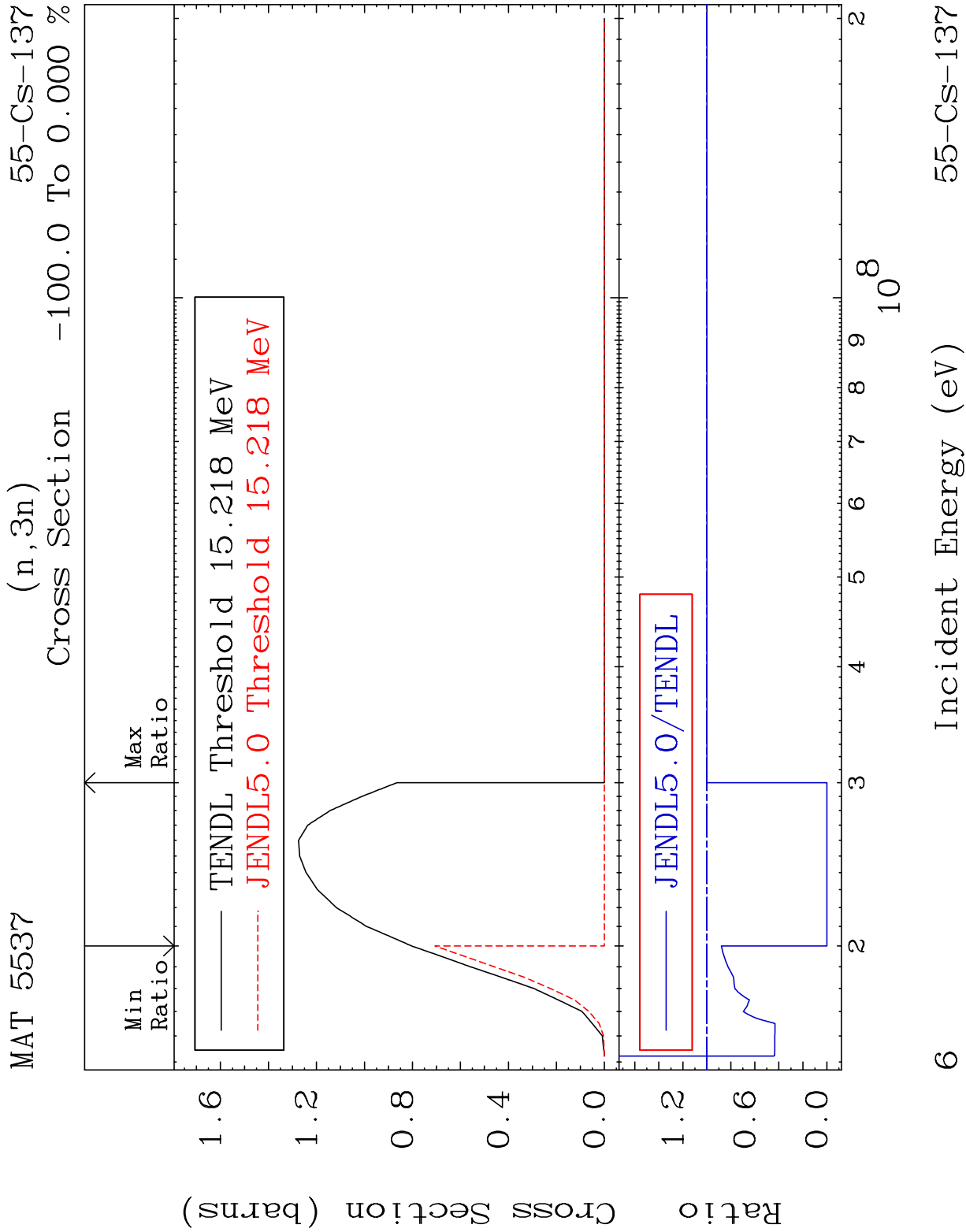
Incident Energy (eV)

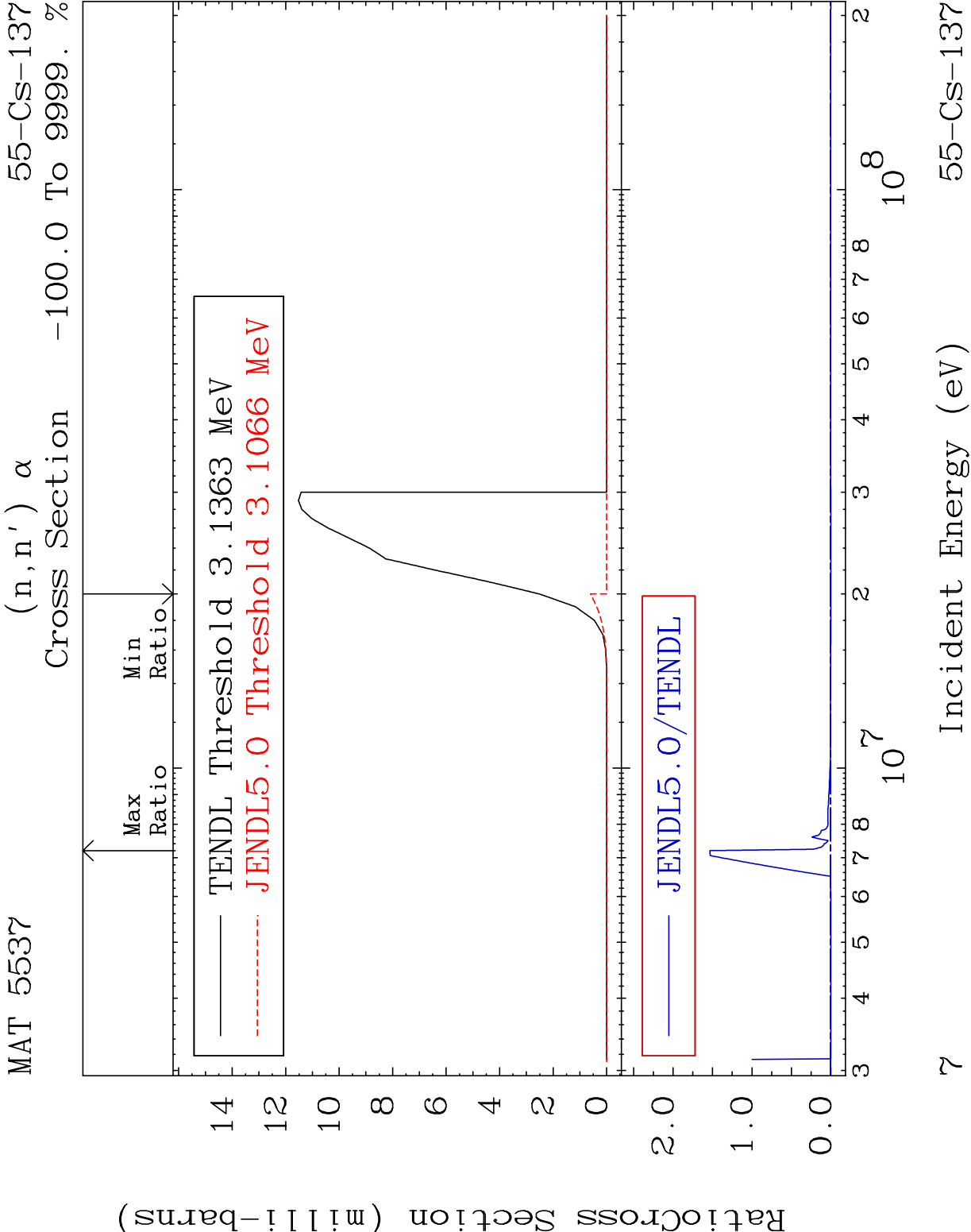
55-CS-137

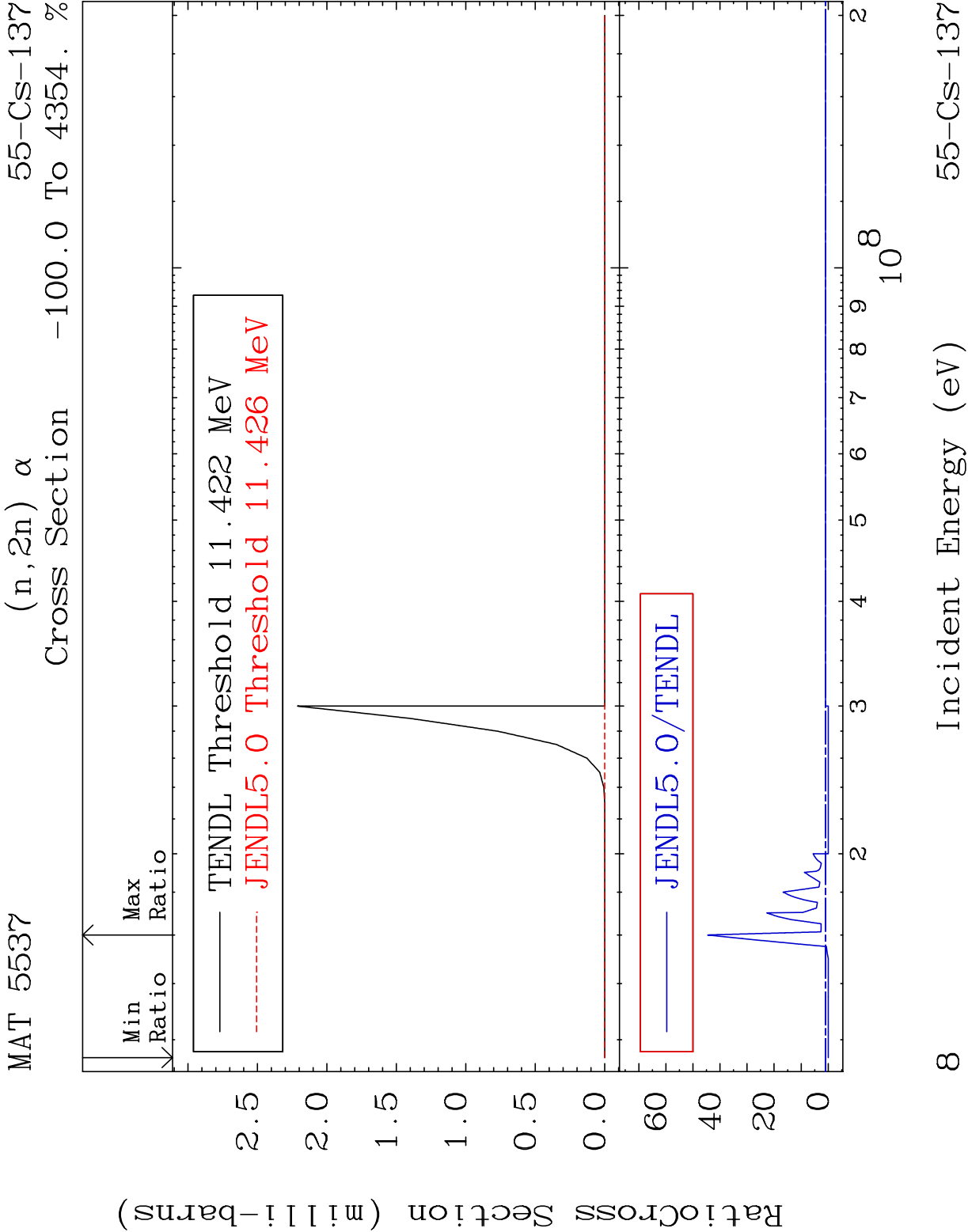


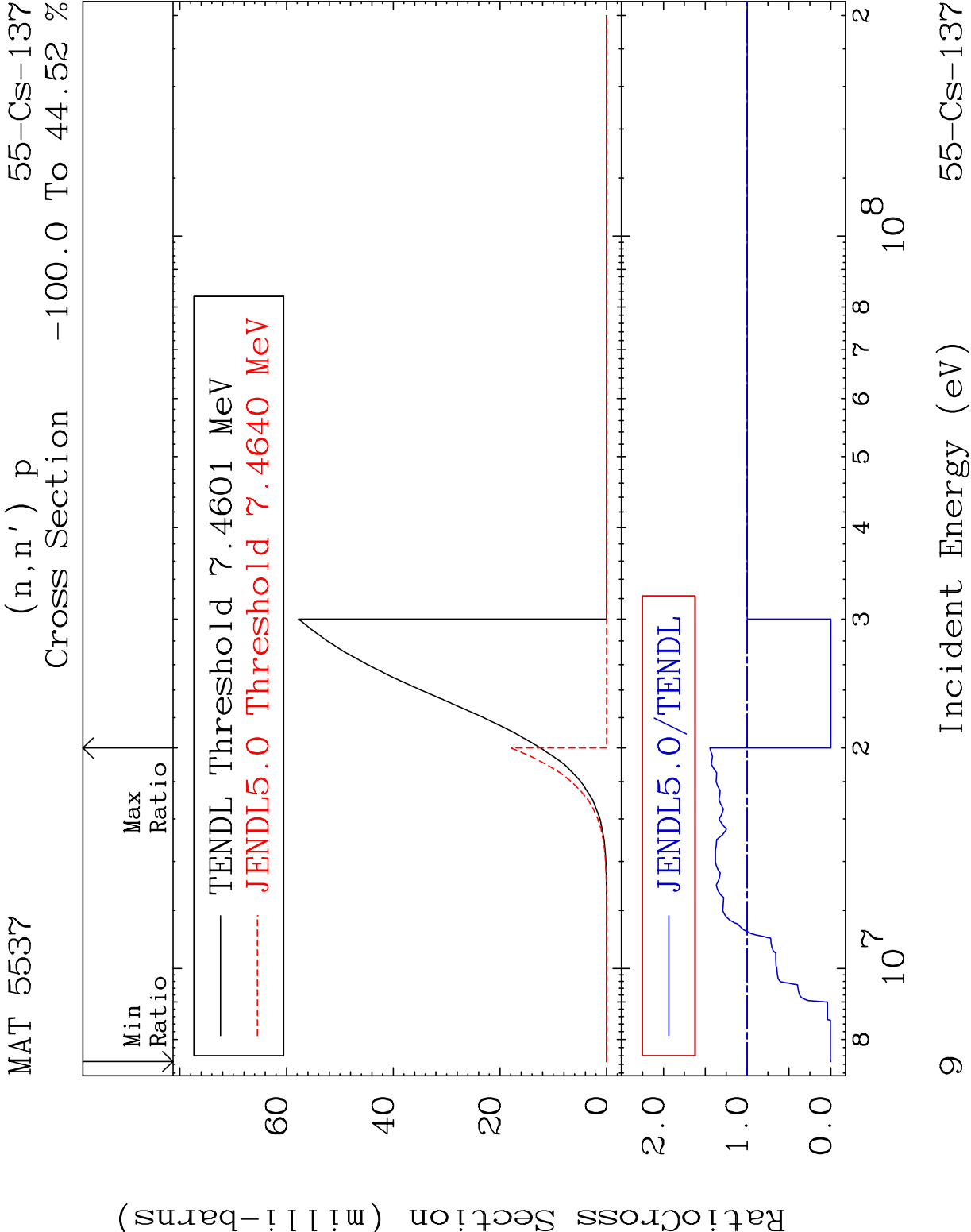


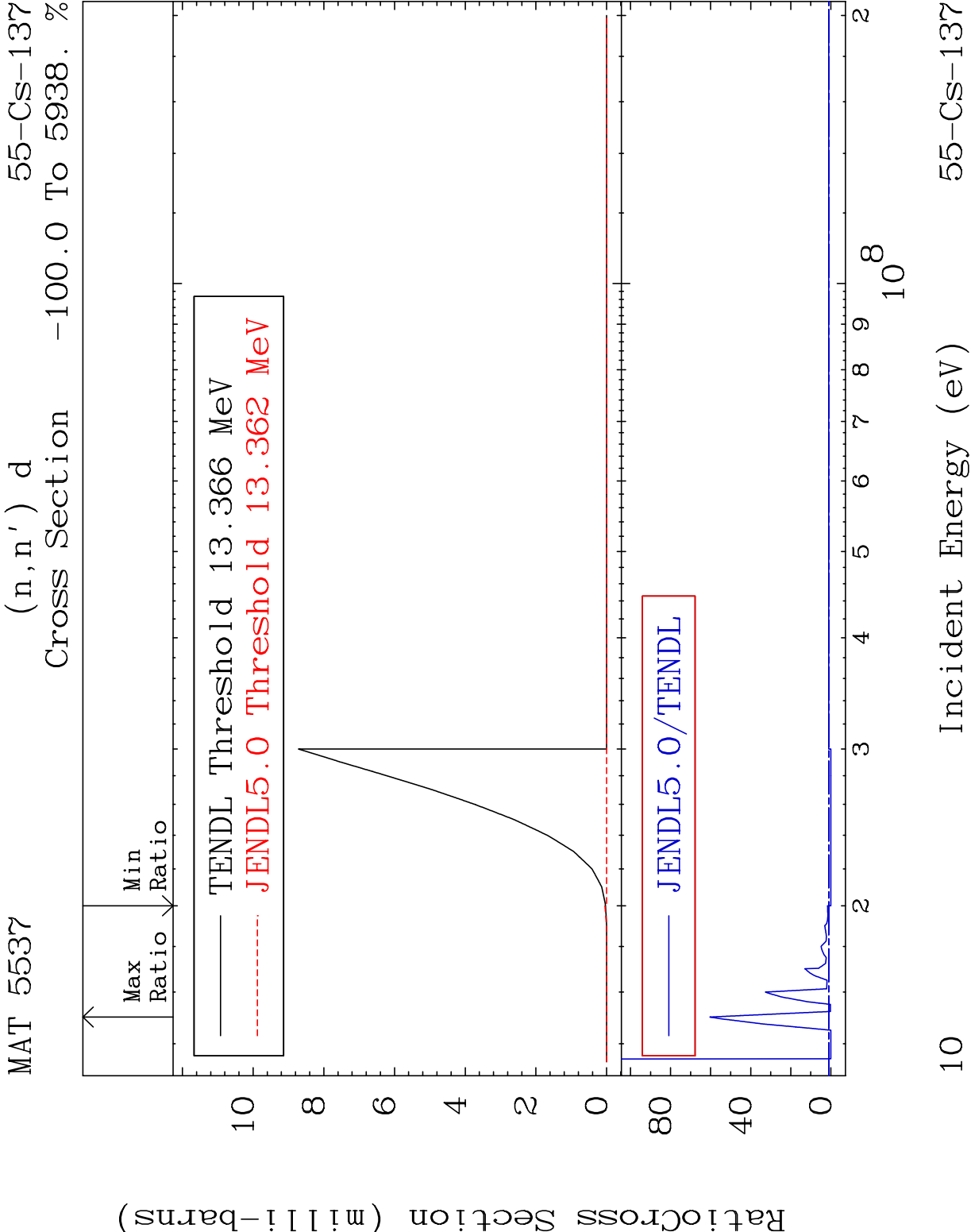


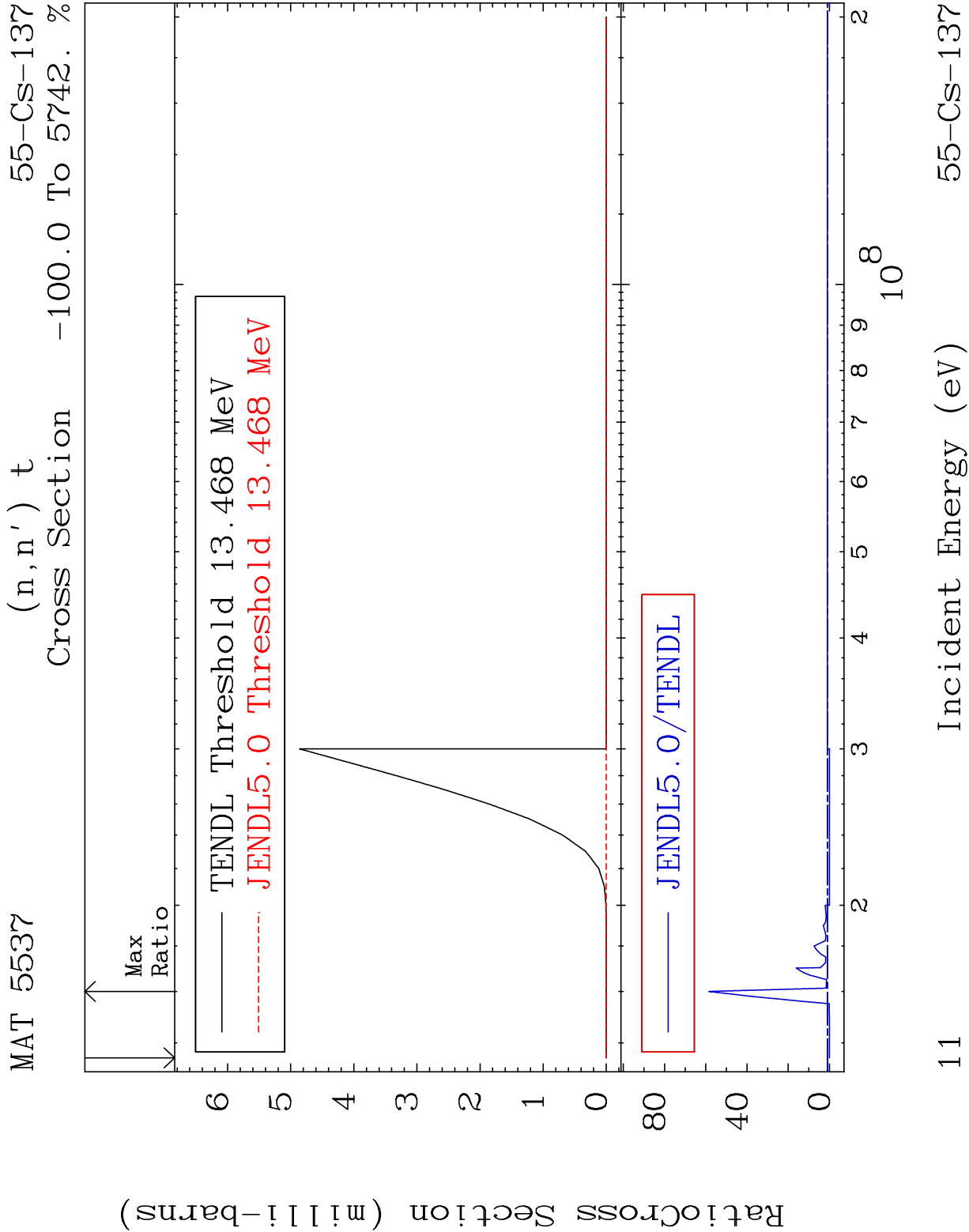


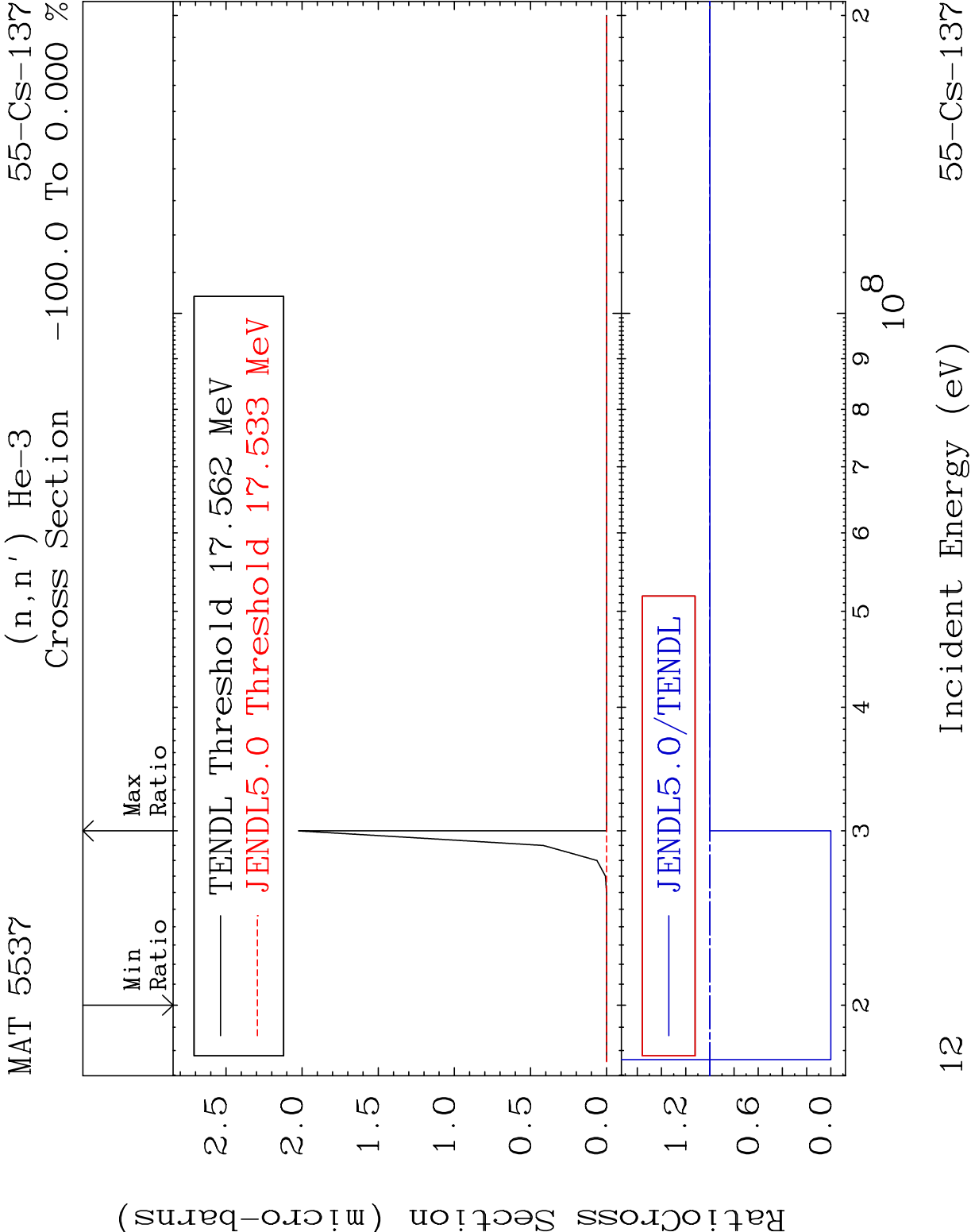


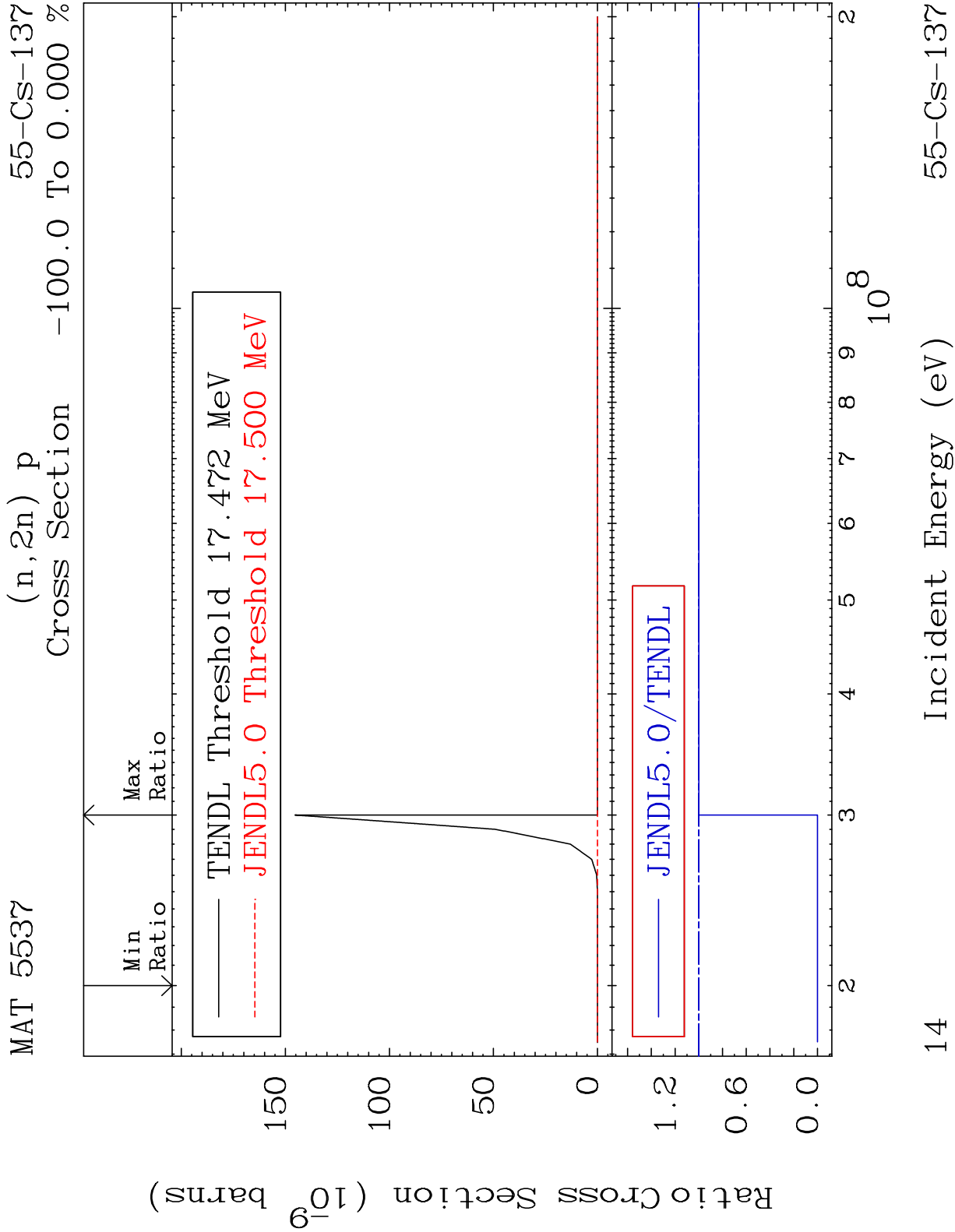


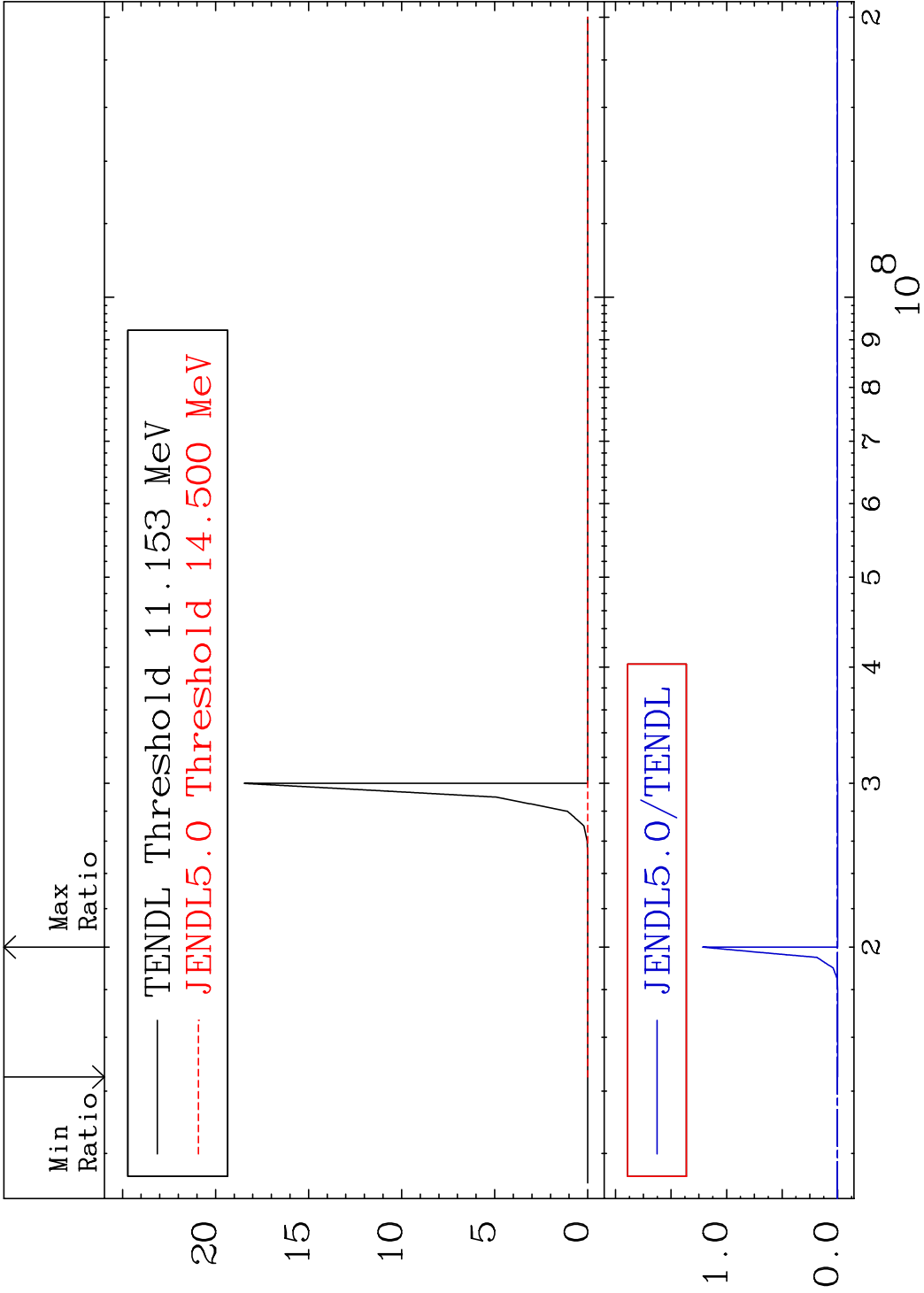
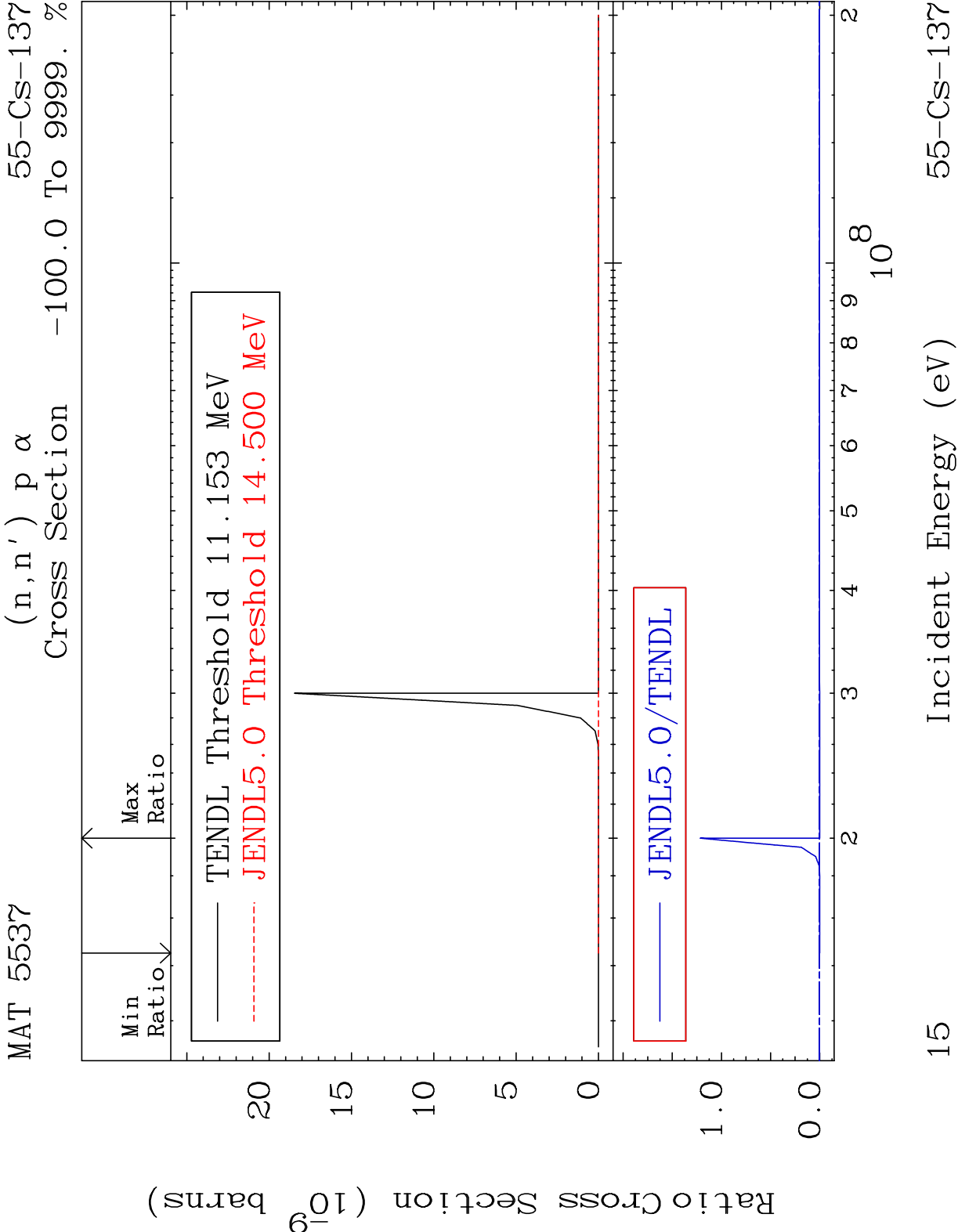






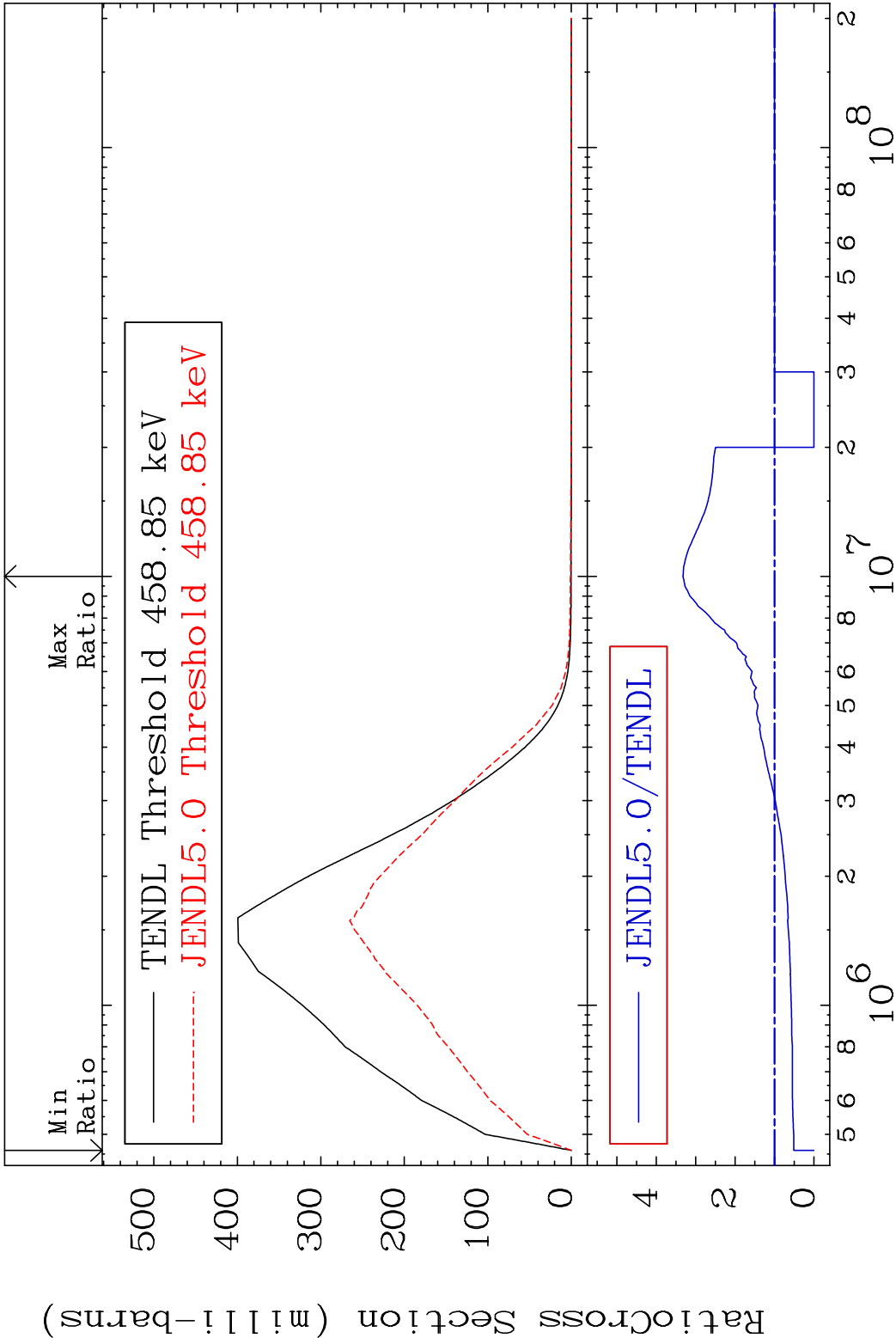






MAT 5537 MT= 51 (n,n') Level 55-Cs-137

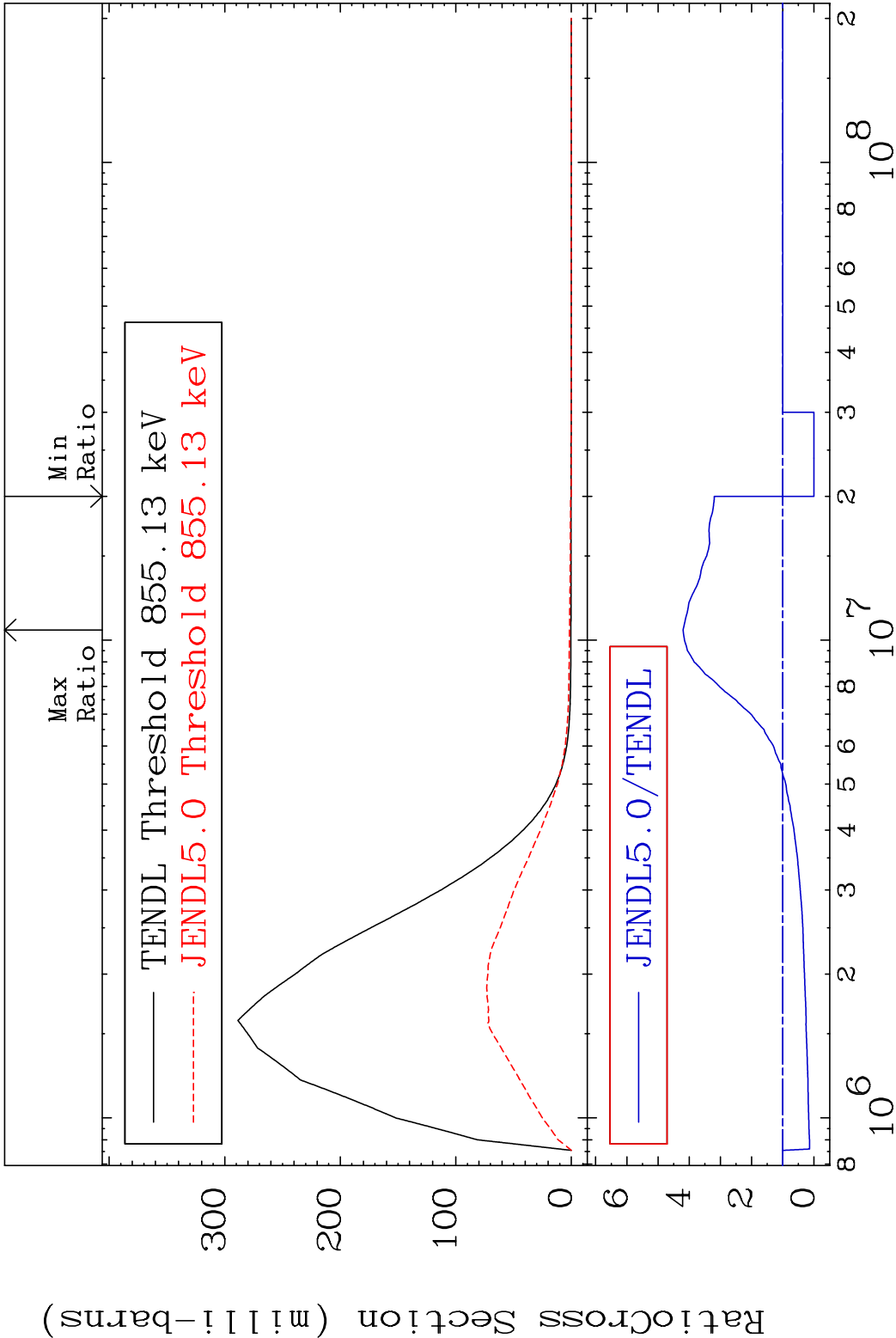
Cross Section -100.0 To 231.9 %



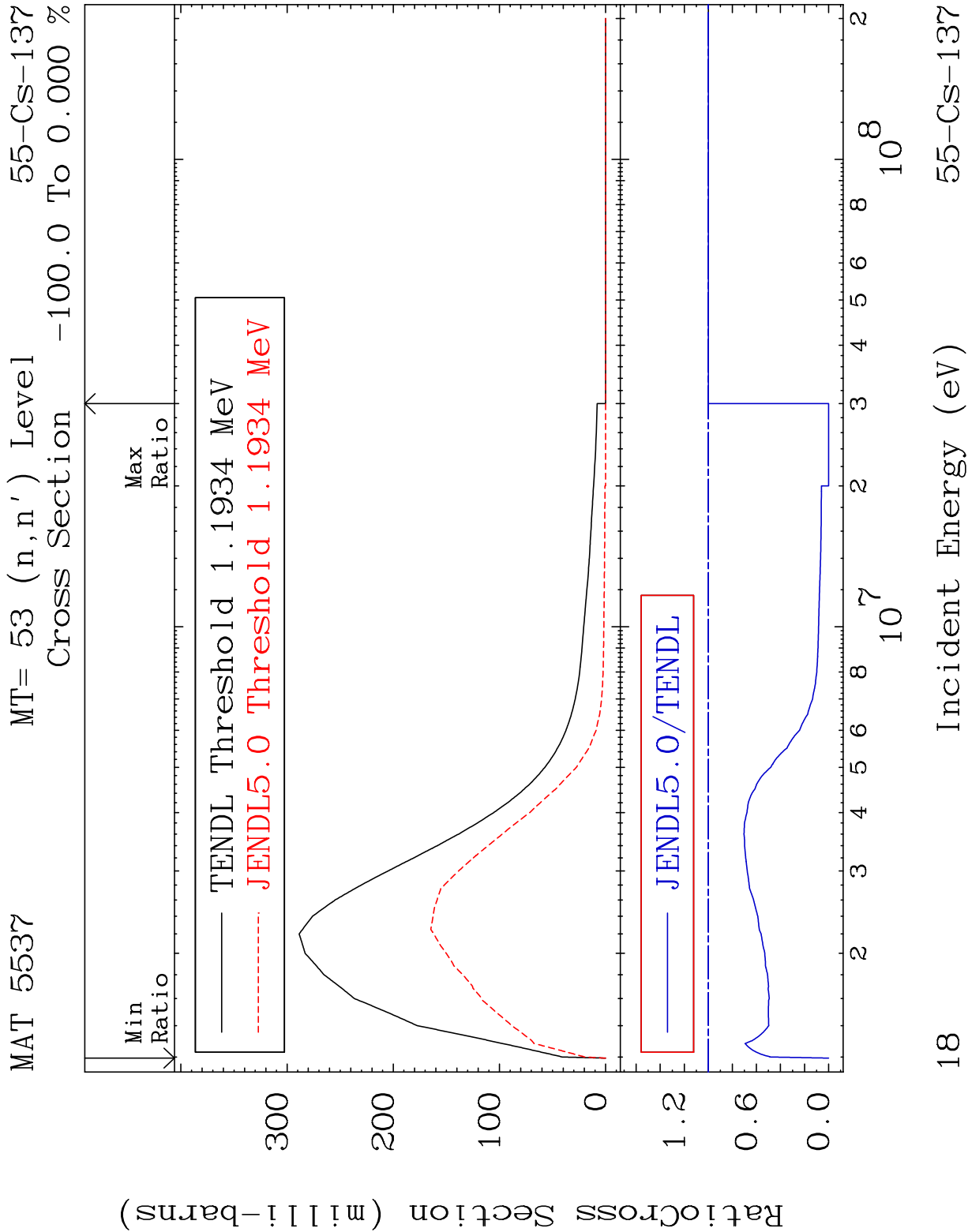
16 Incident Energy (eV) 55-Cs-137

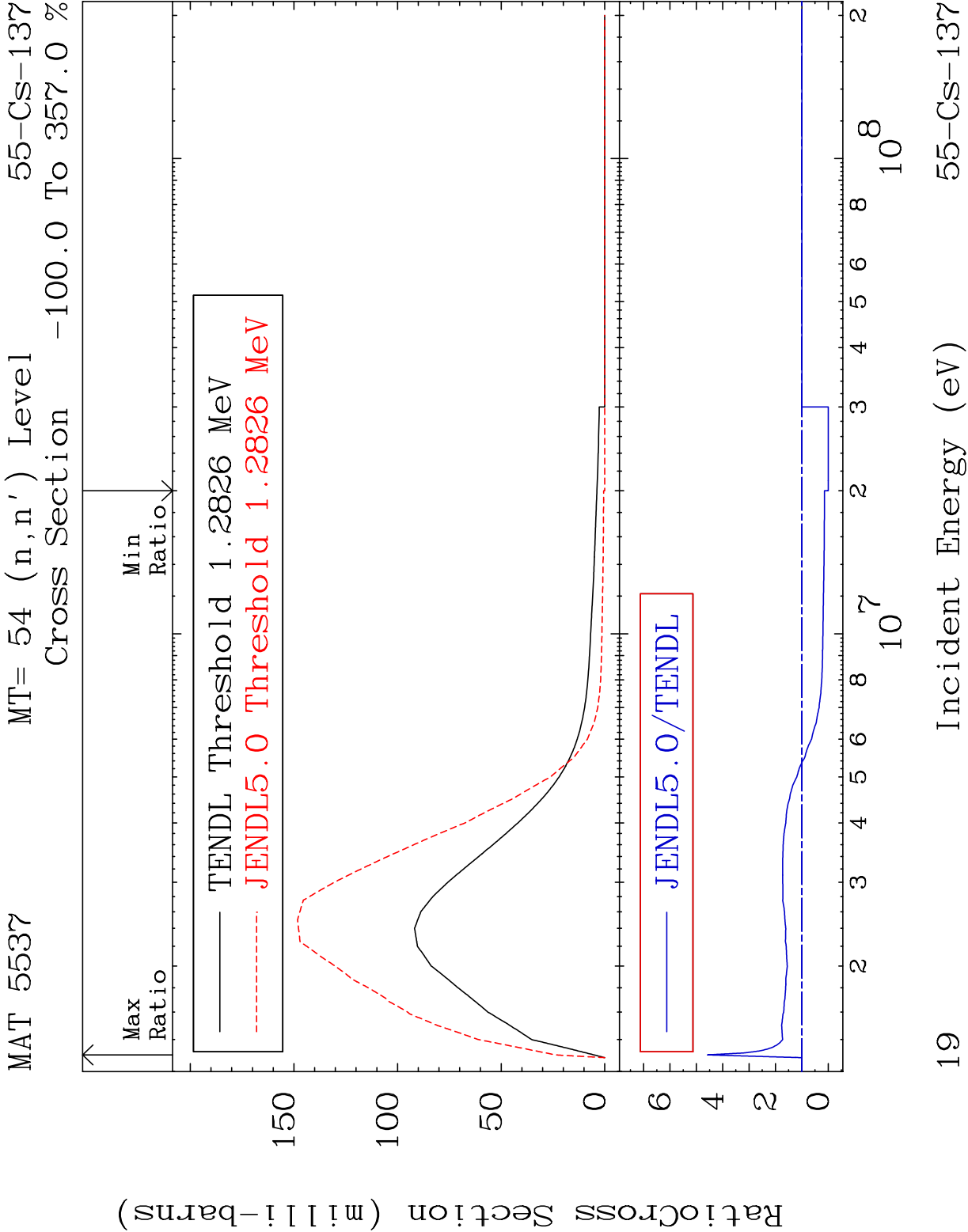
MAT 5537 MT= 52 (n,n') Level 55-Cs-137

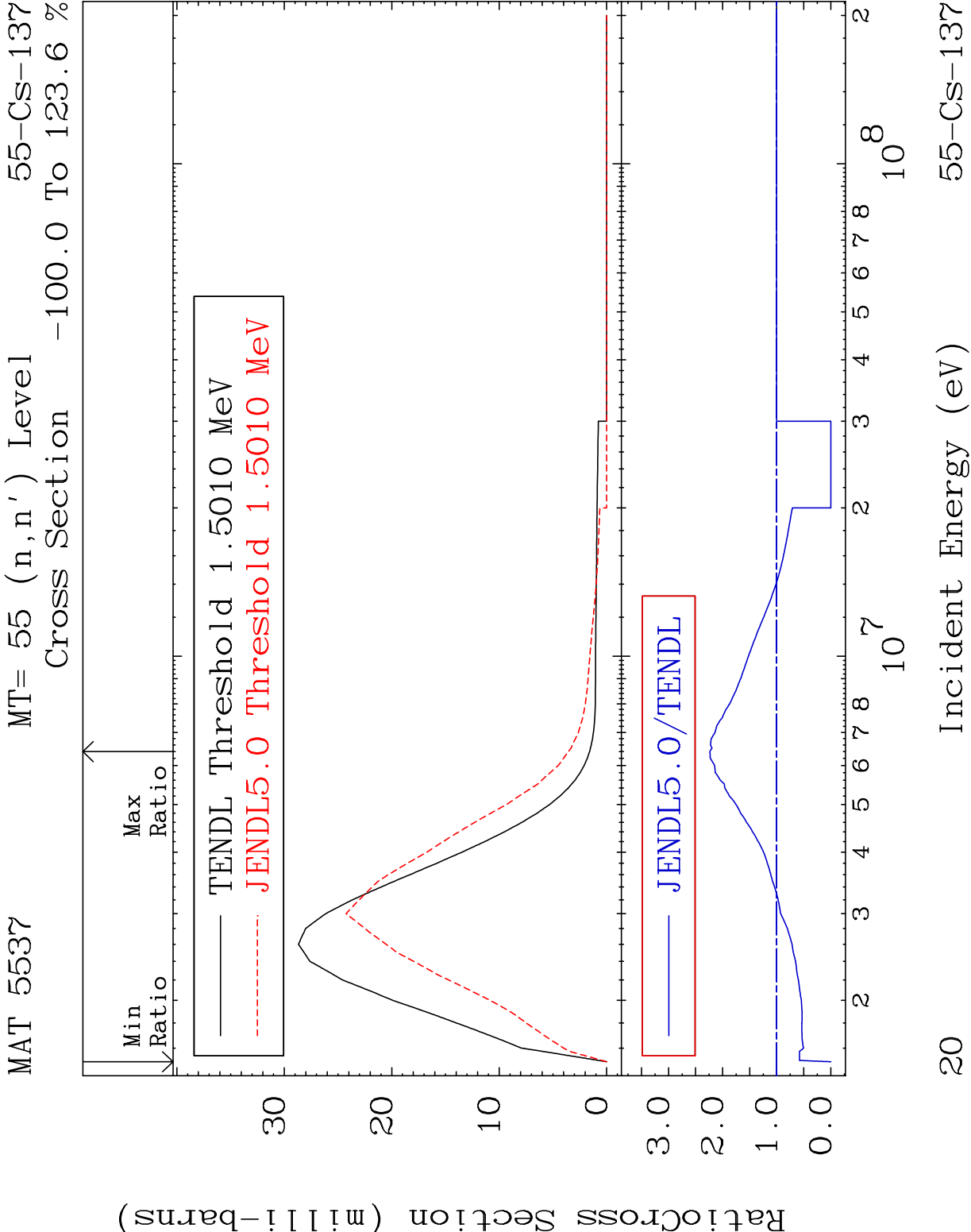
Cross Section -100.0 To 319.7 %

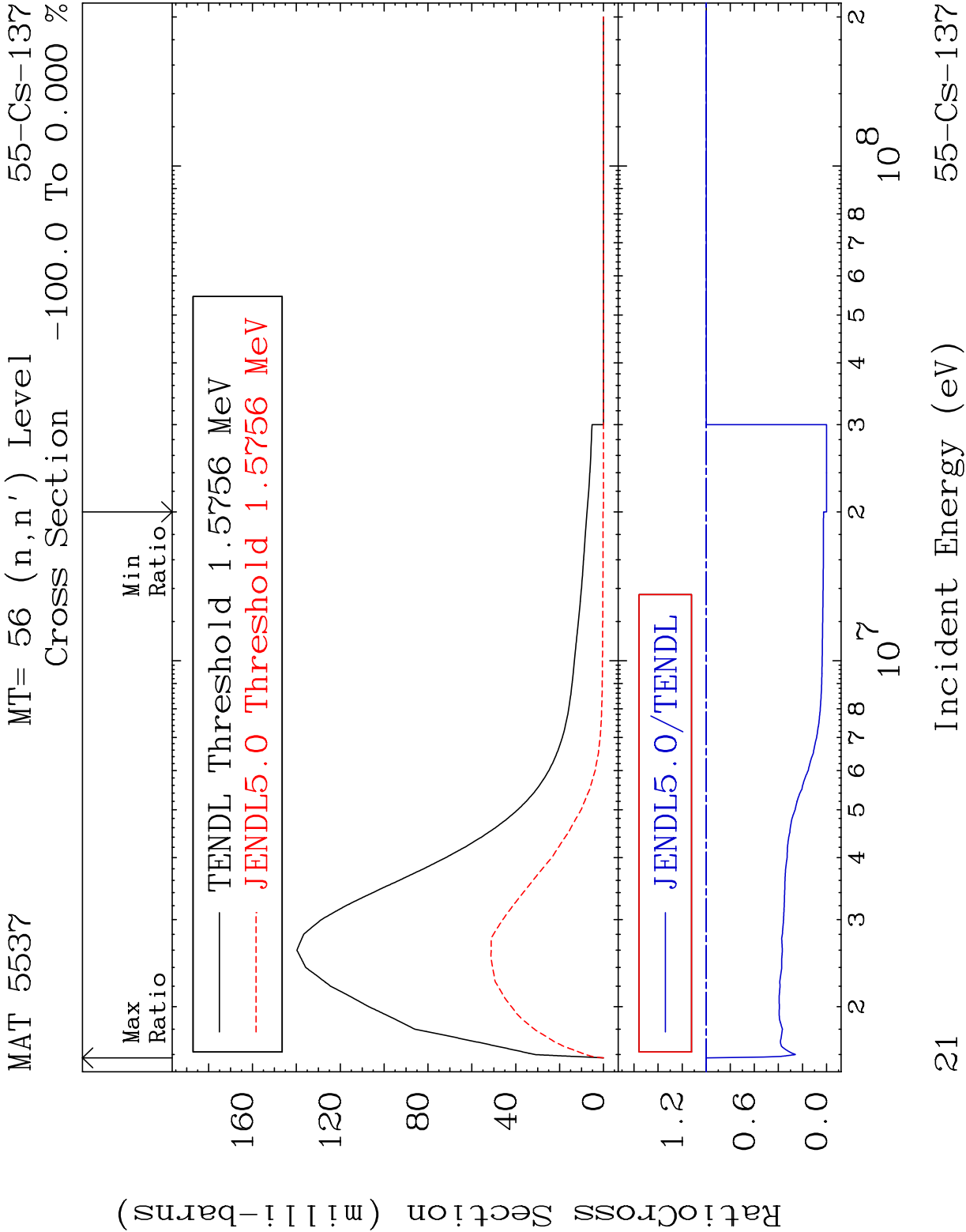


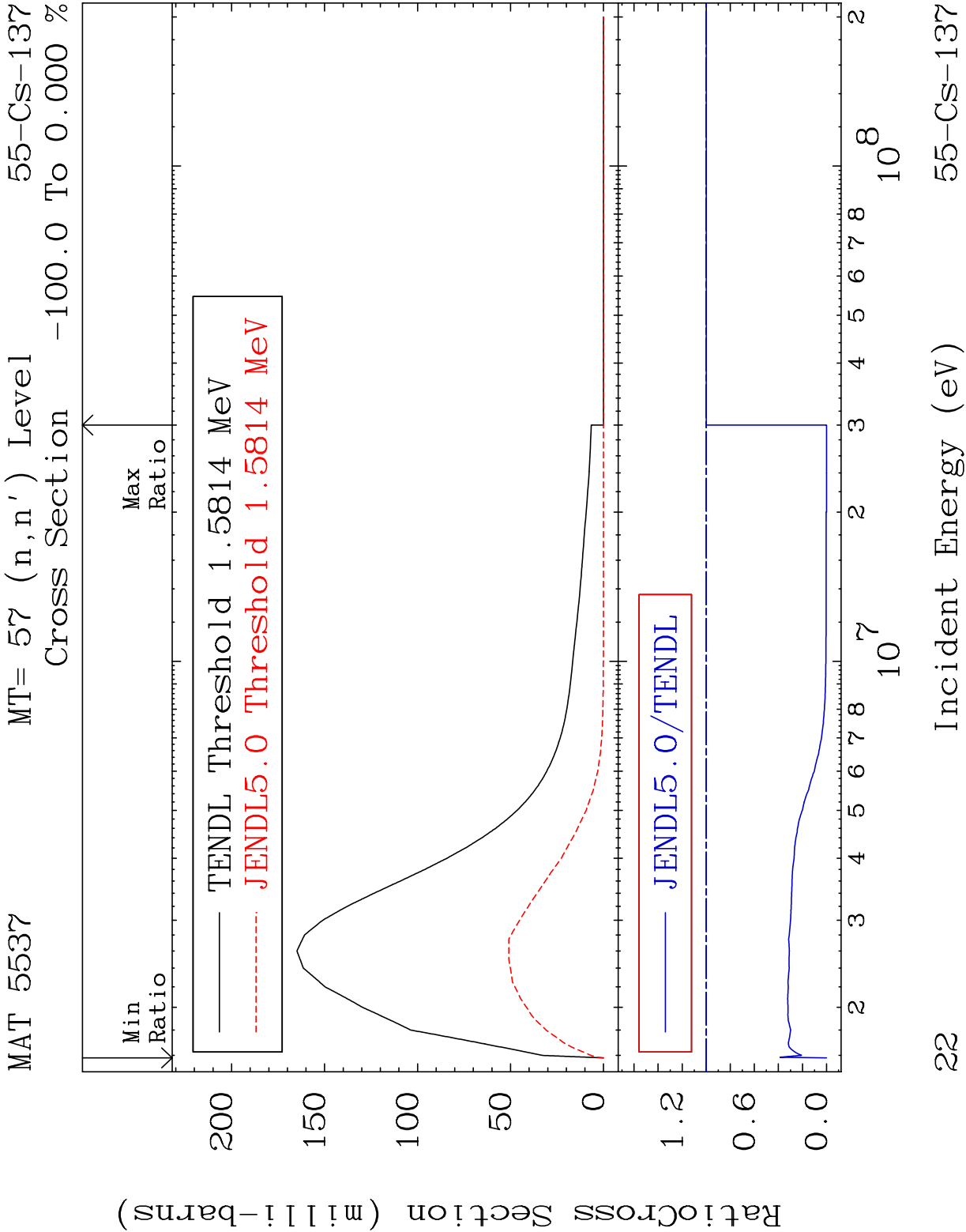
17 Incident Energy (eV) 55-Cs-137

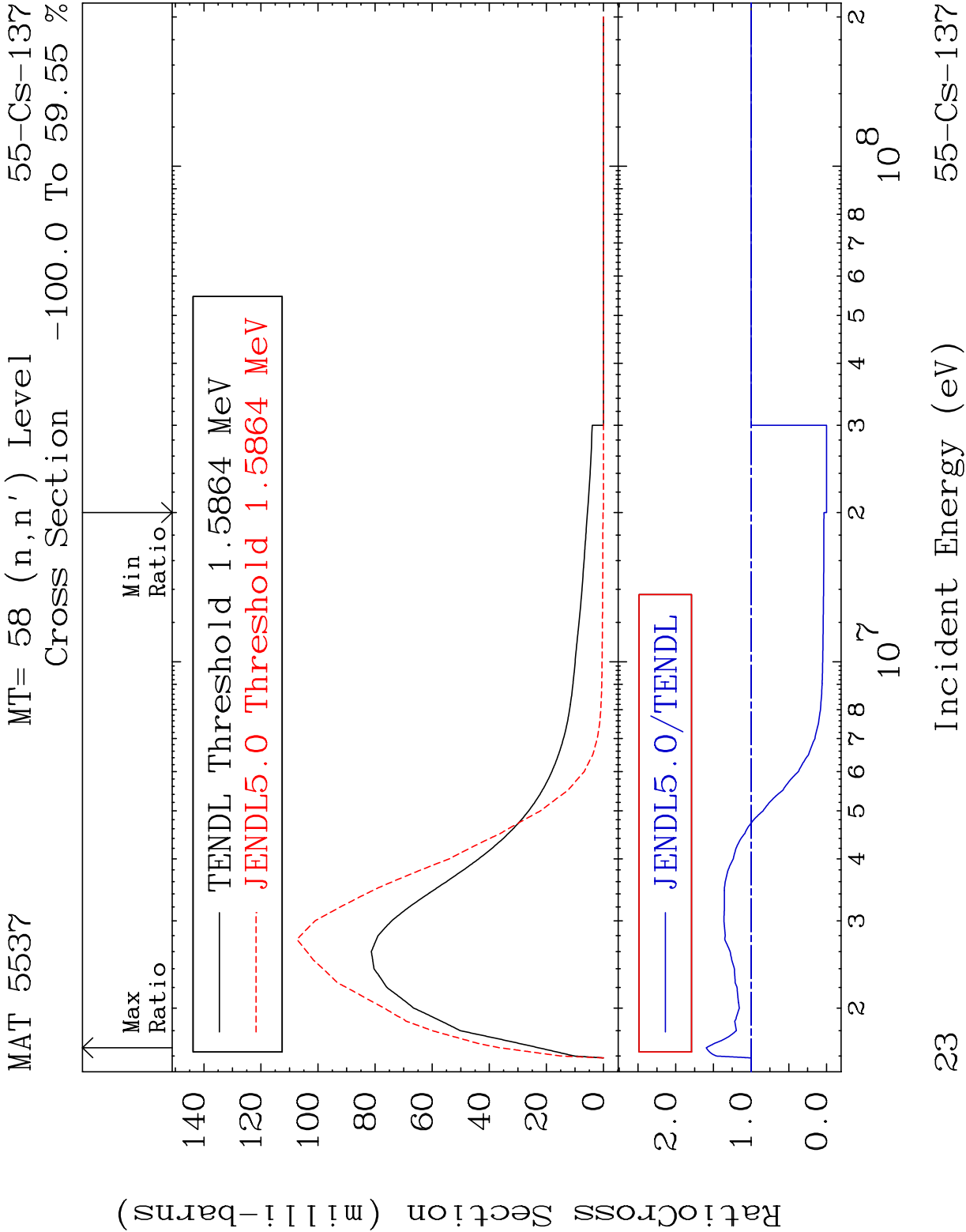


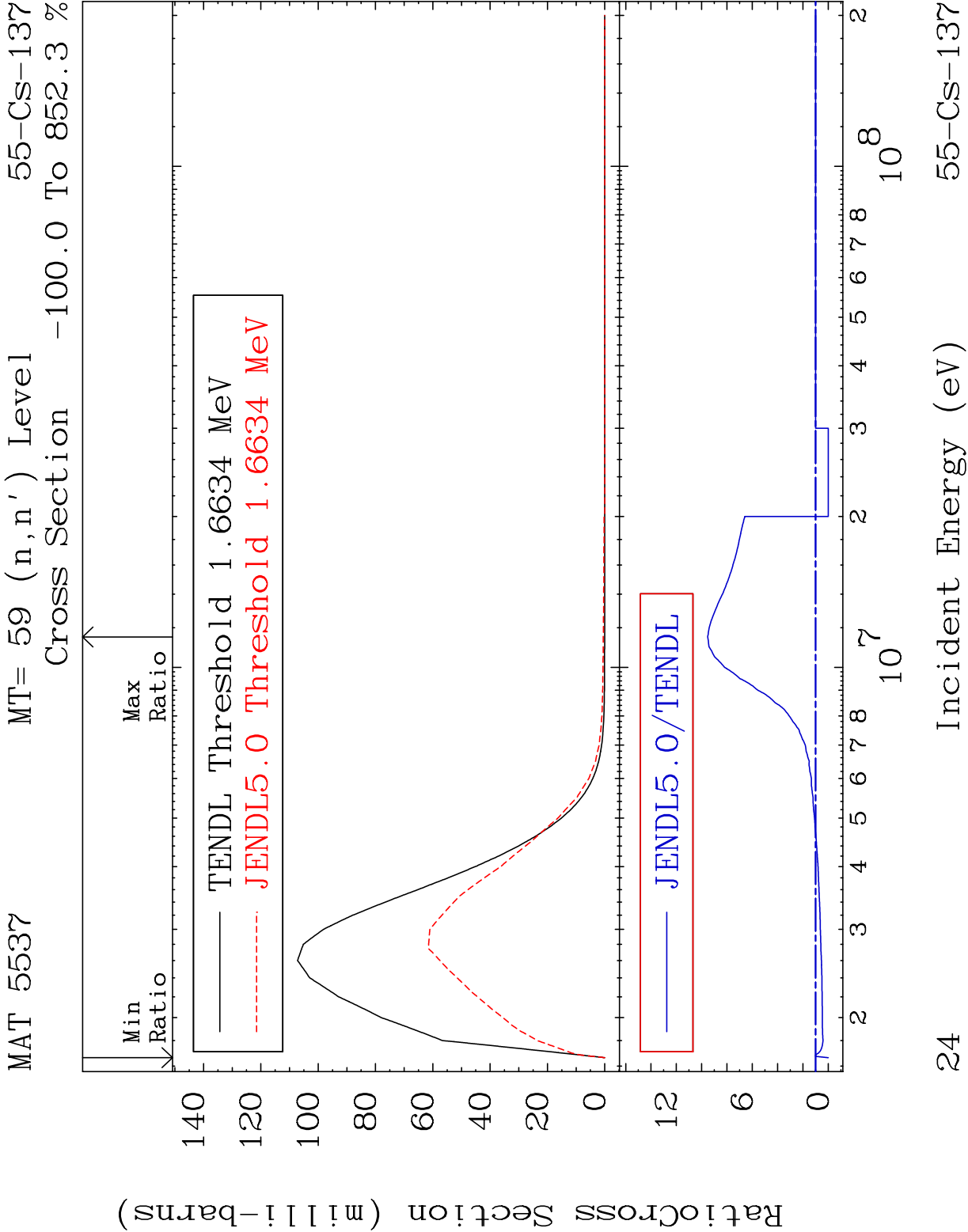




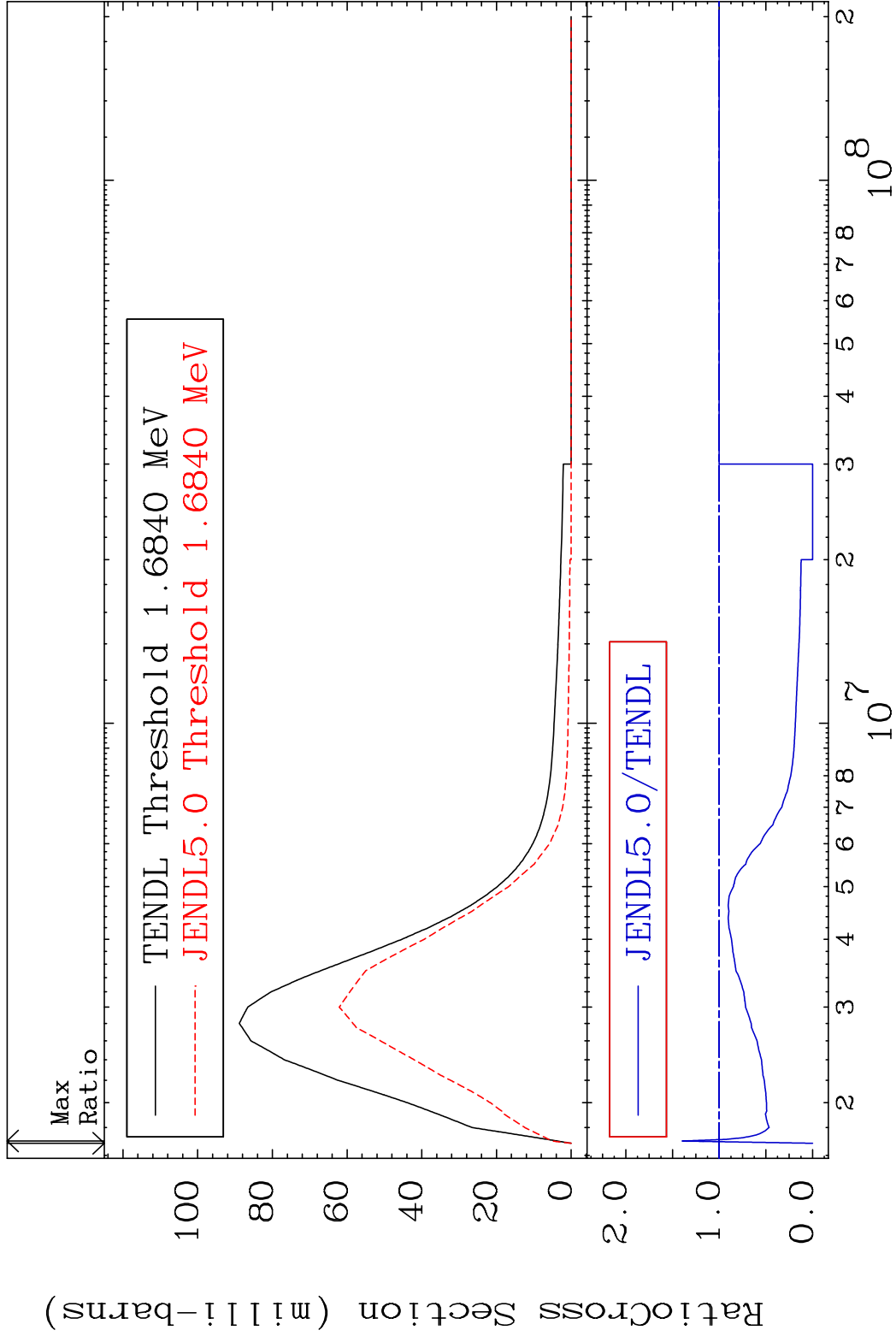


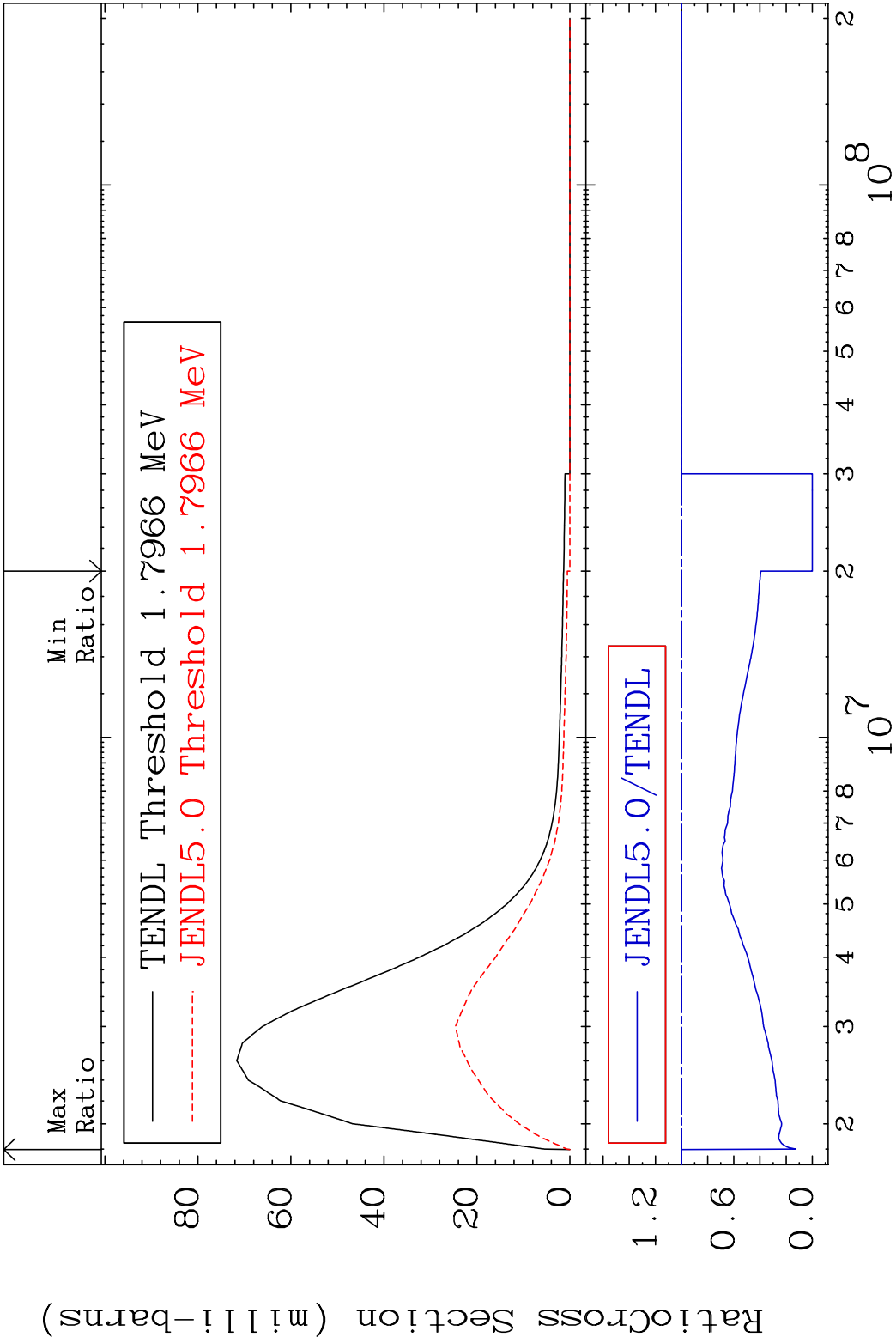




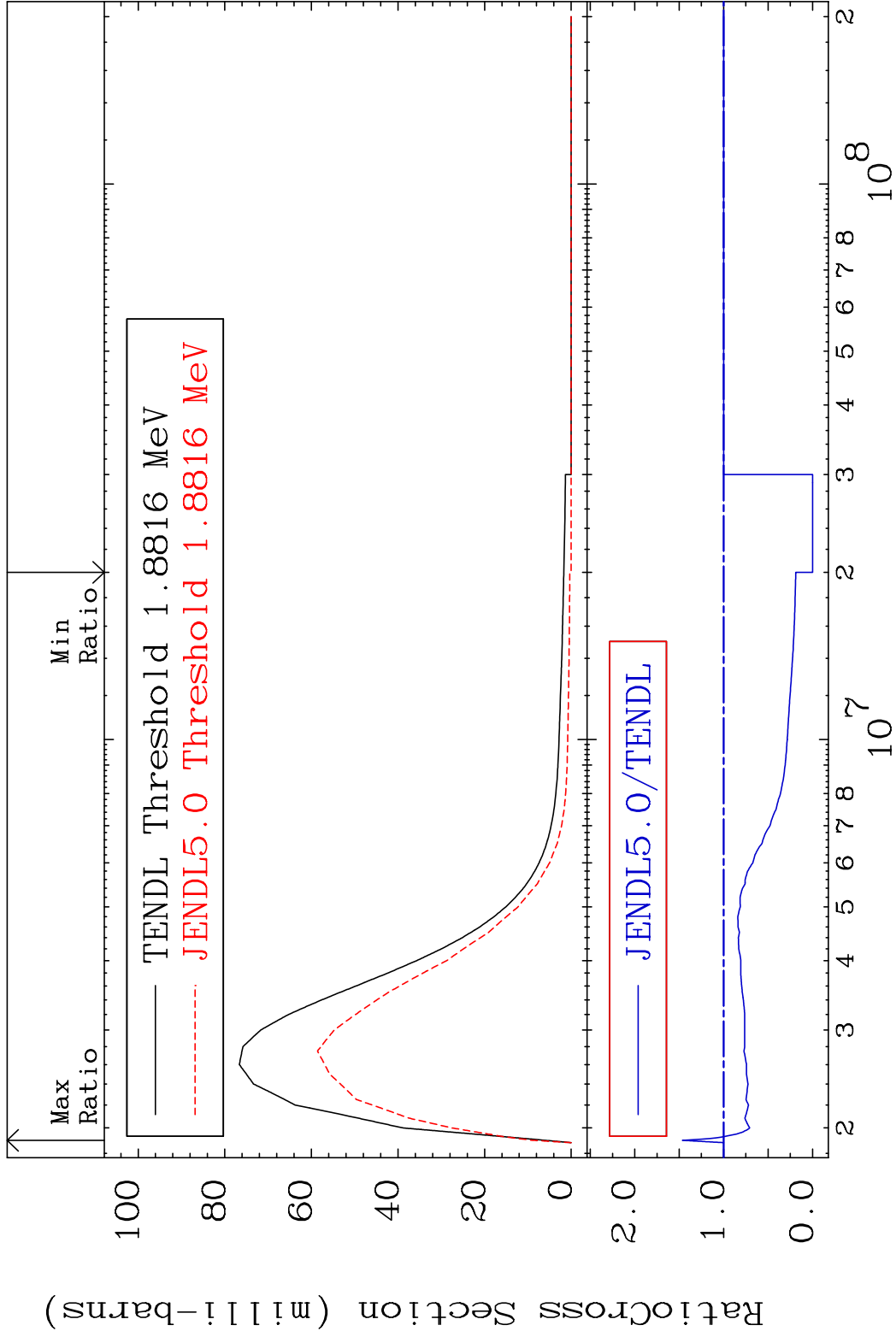


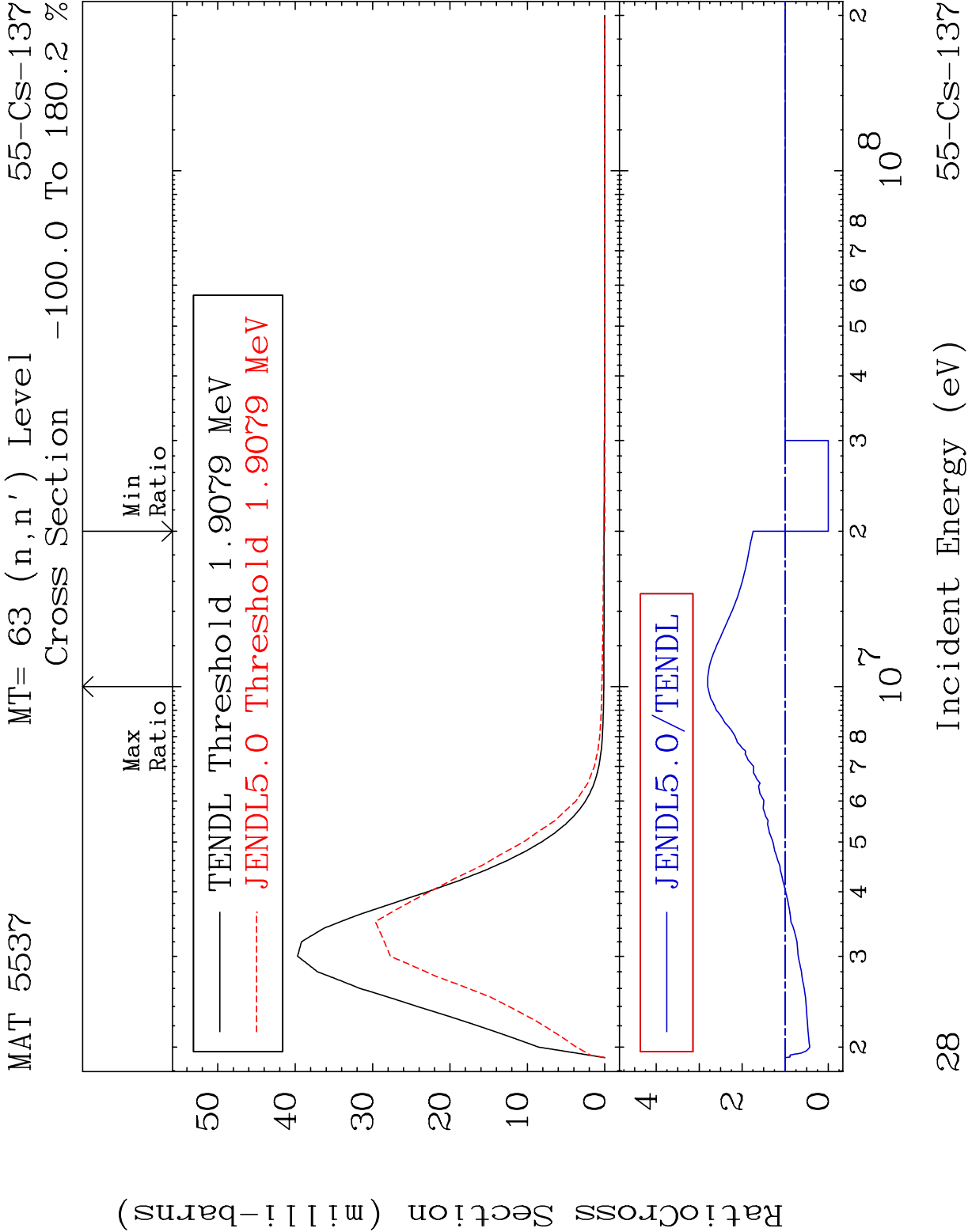
MAT 5537 MT= 60 (n,n') Level 55-Cs-137
Cross Section -100.0 To 39.46 %

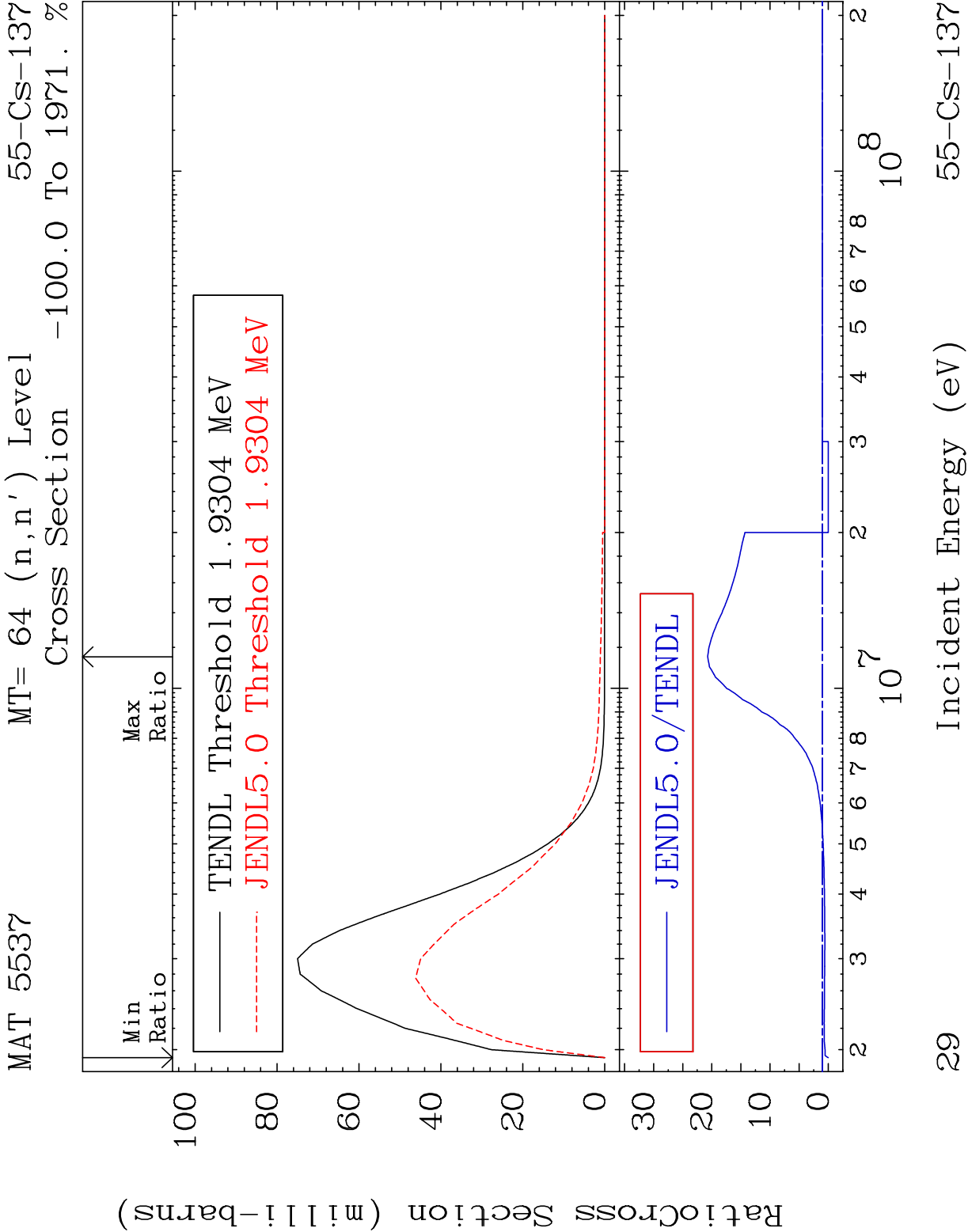




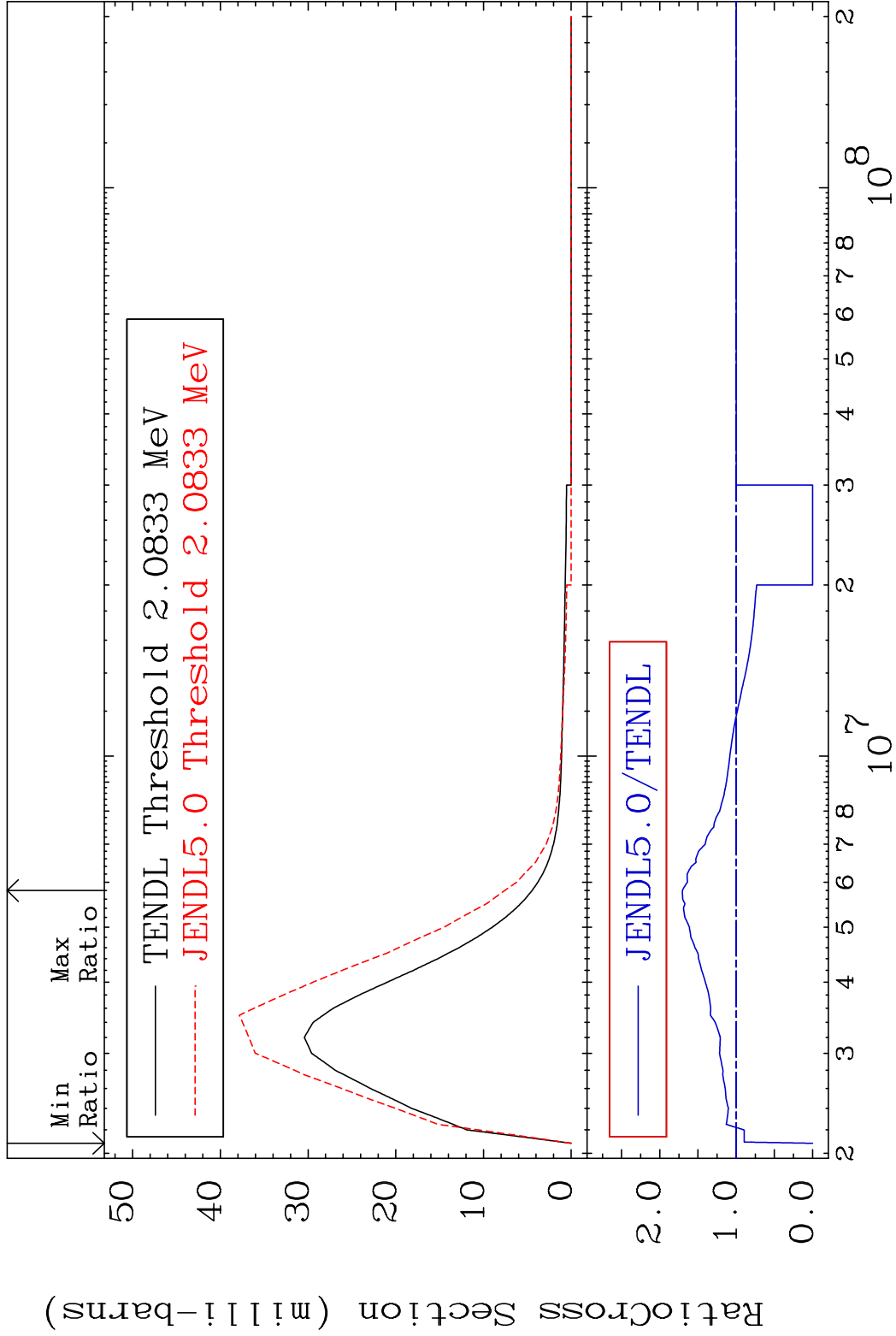
MAT 5537 MT= 62 (n,n') Level 55-Cs-137
Cross Section -100.0 To 46.46 %



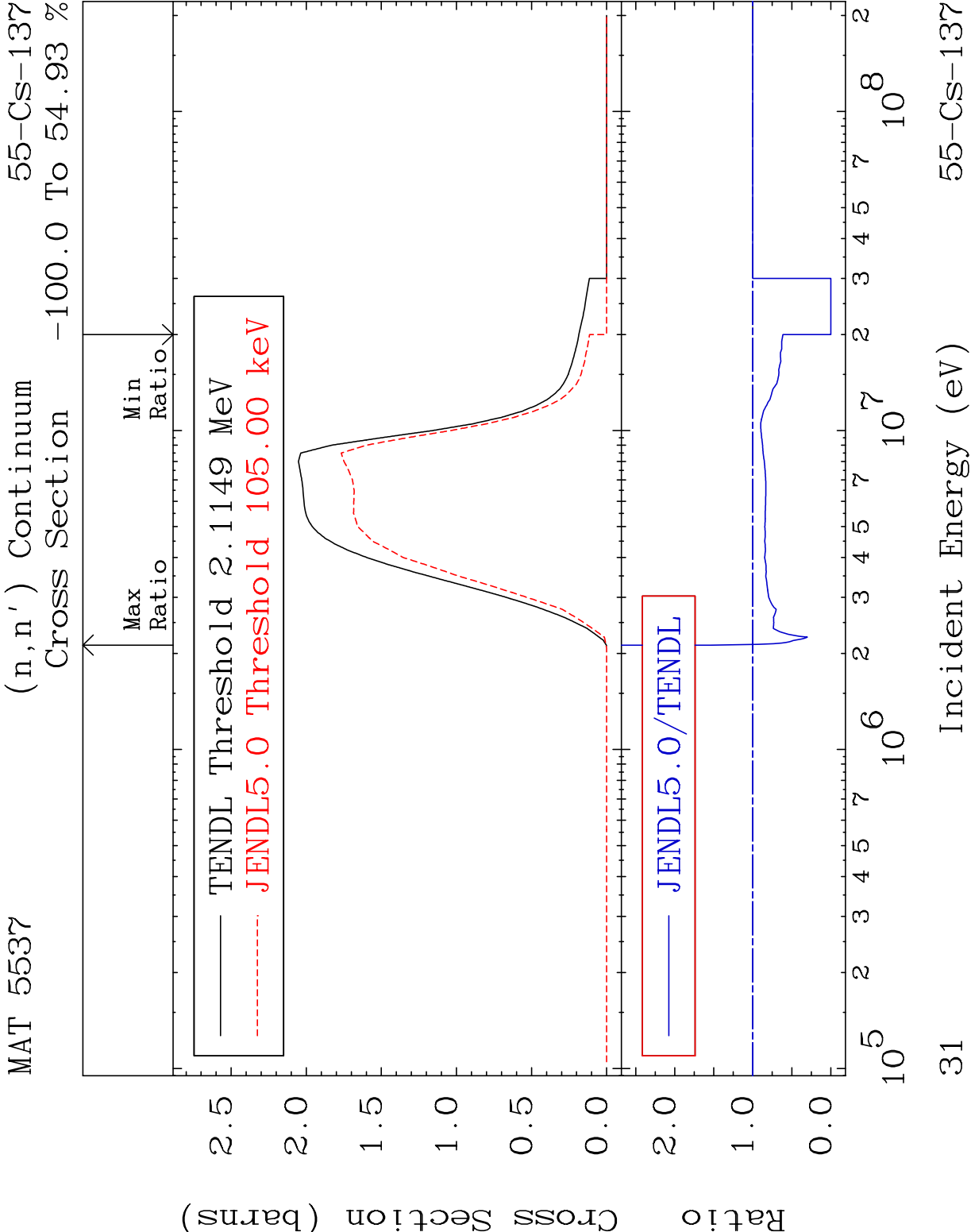


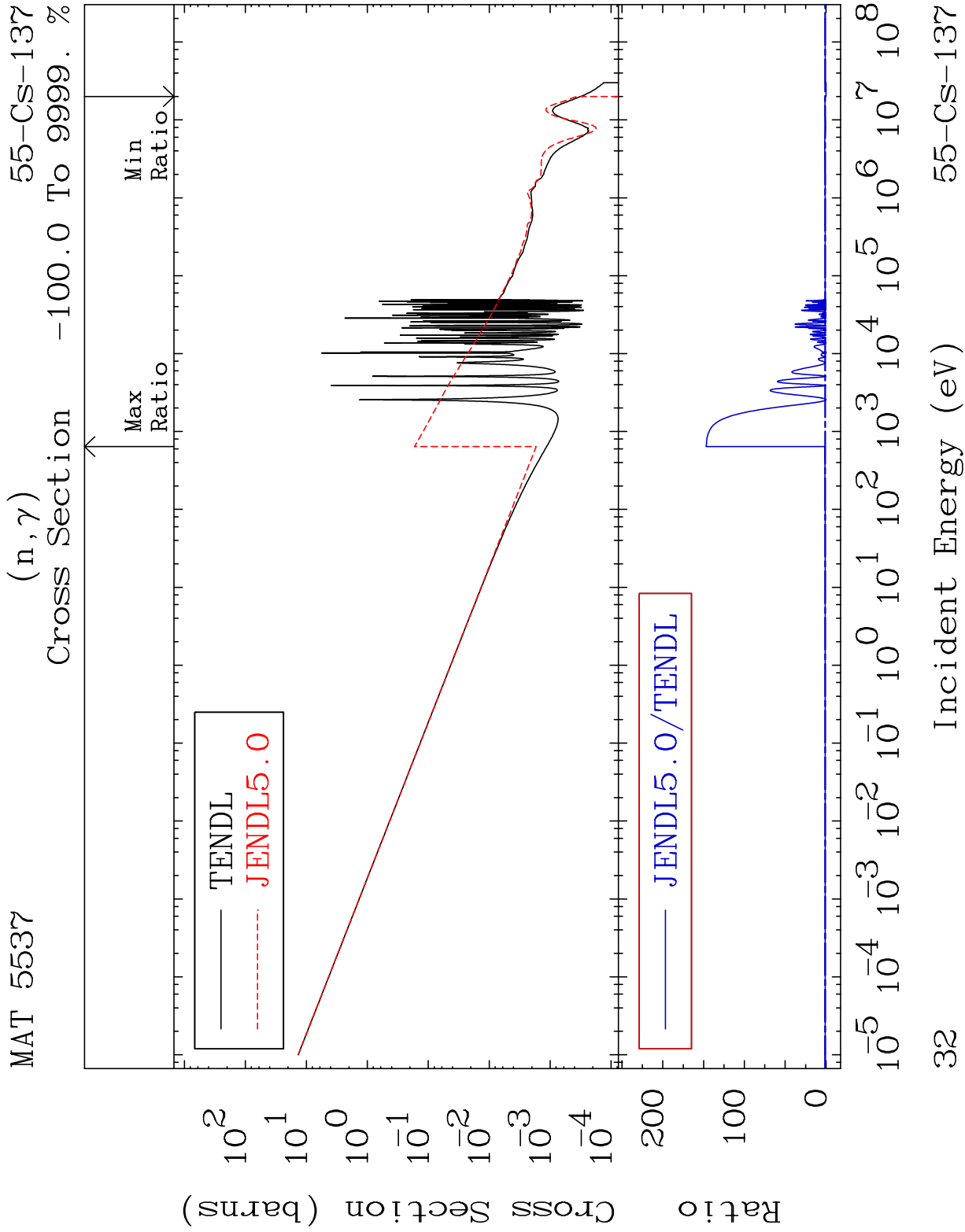


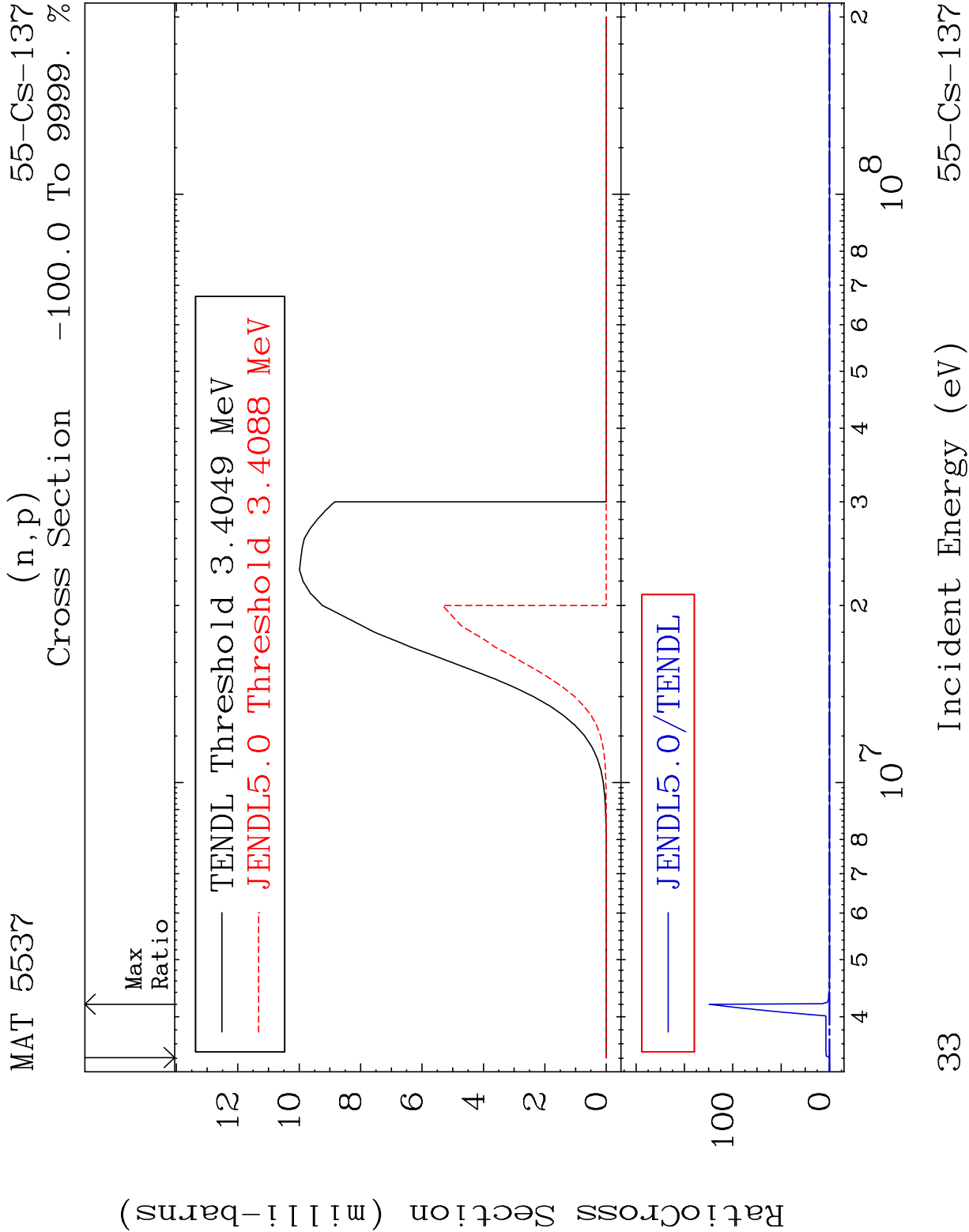
MAT 5537 MT= 65 (n,n') Level 55-Cs-137
Cross Section -100.0 To 70.46 %

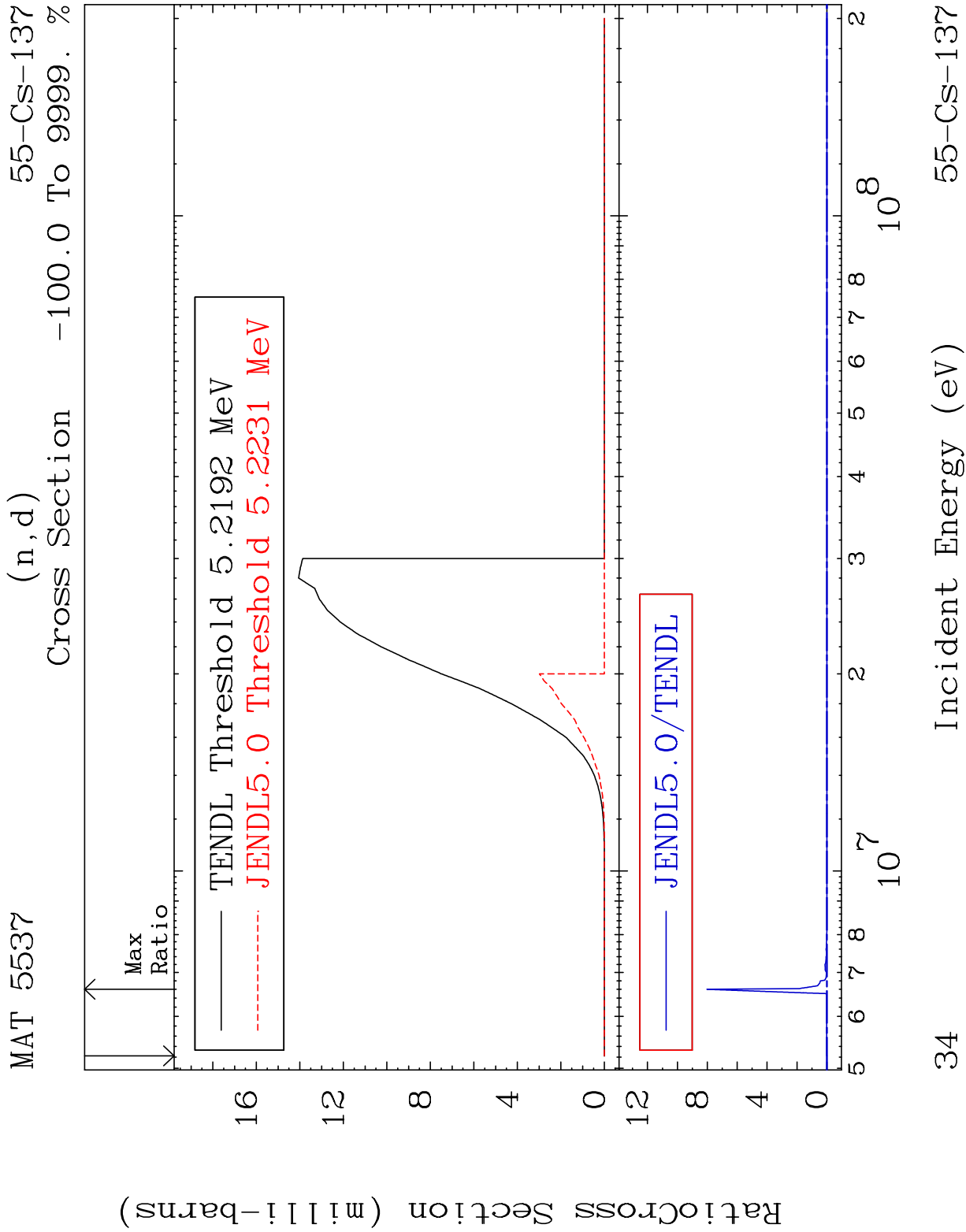


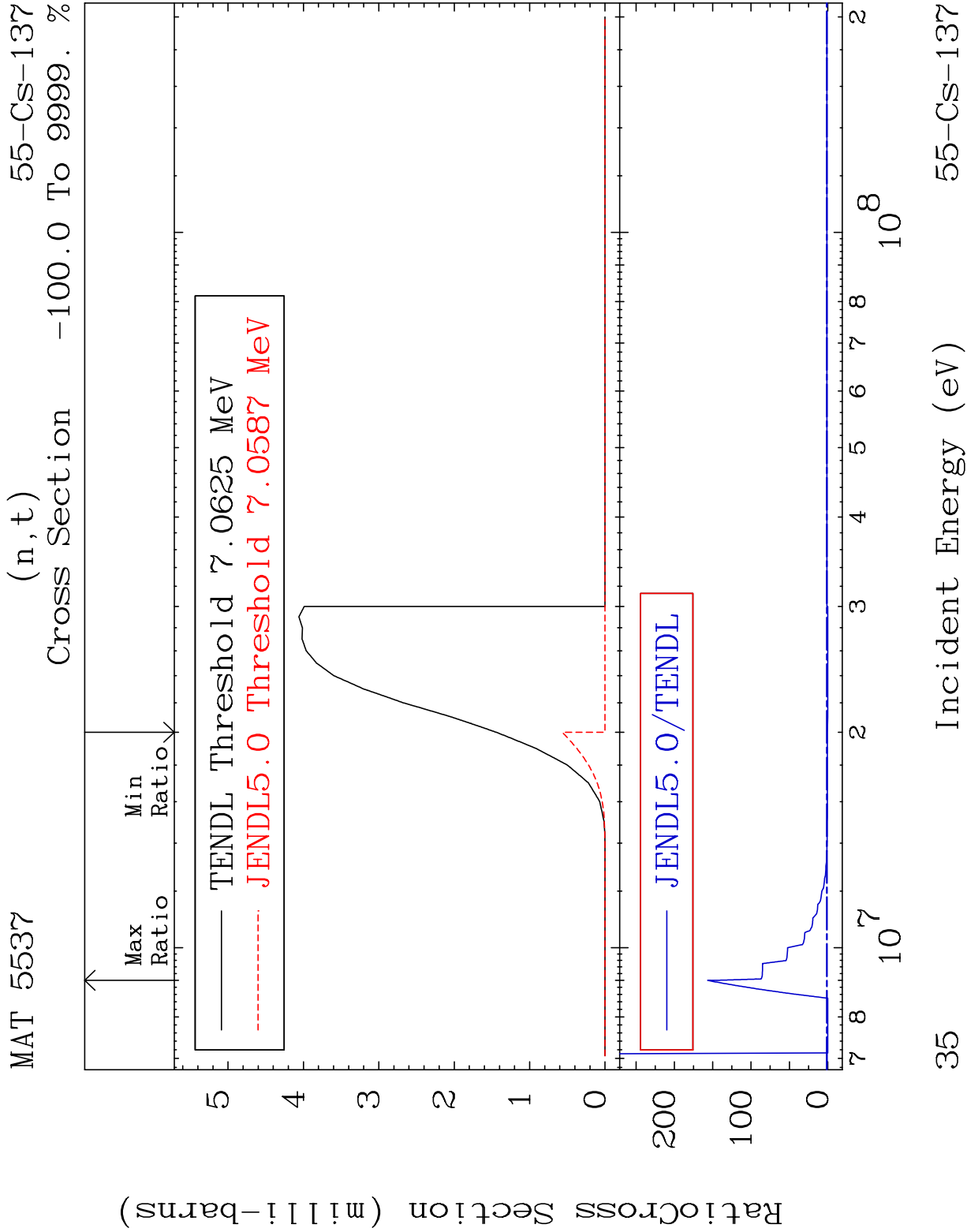
30 Incident Energy (eV) 55-Cs-137

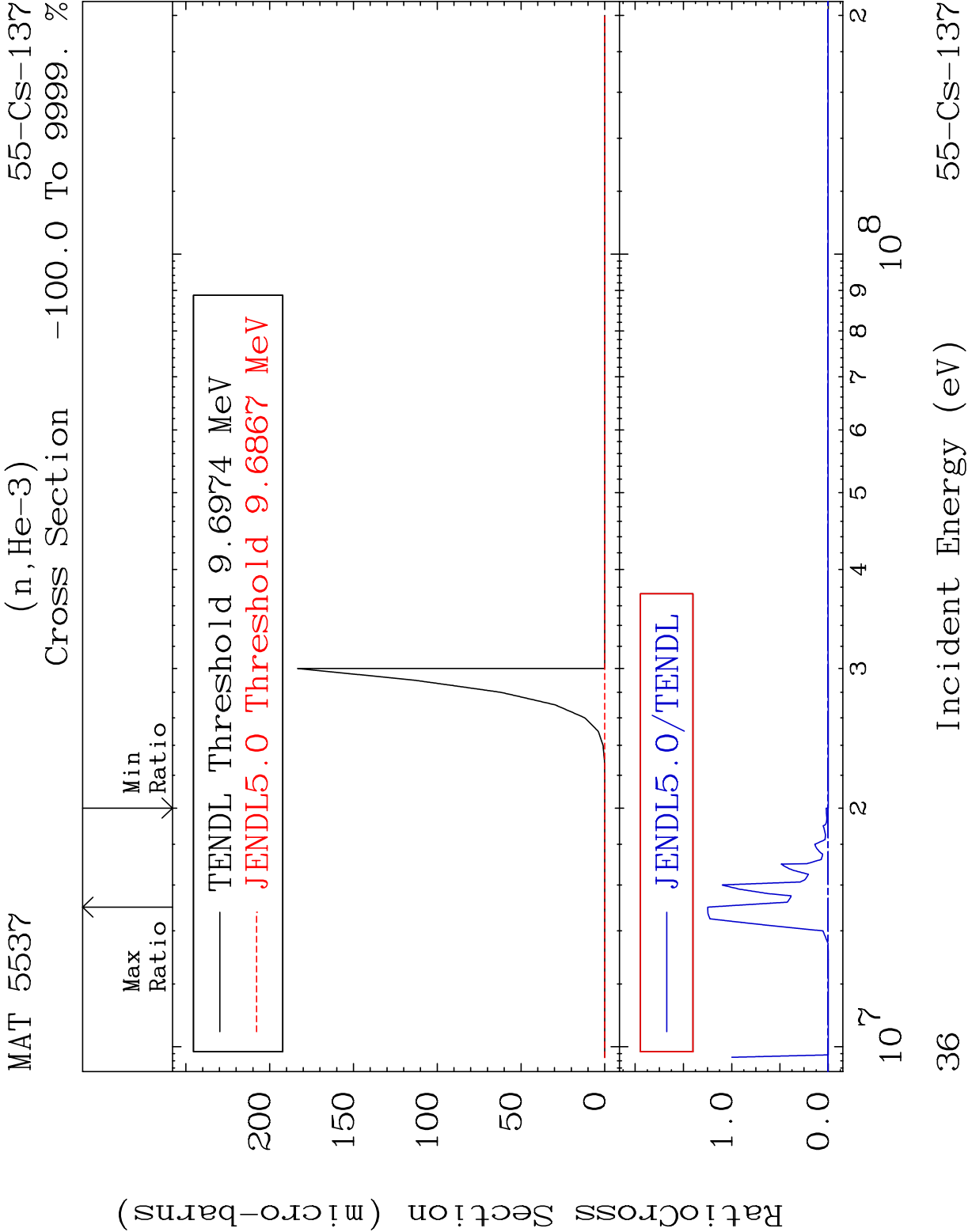


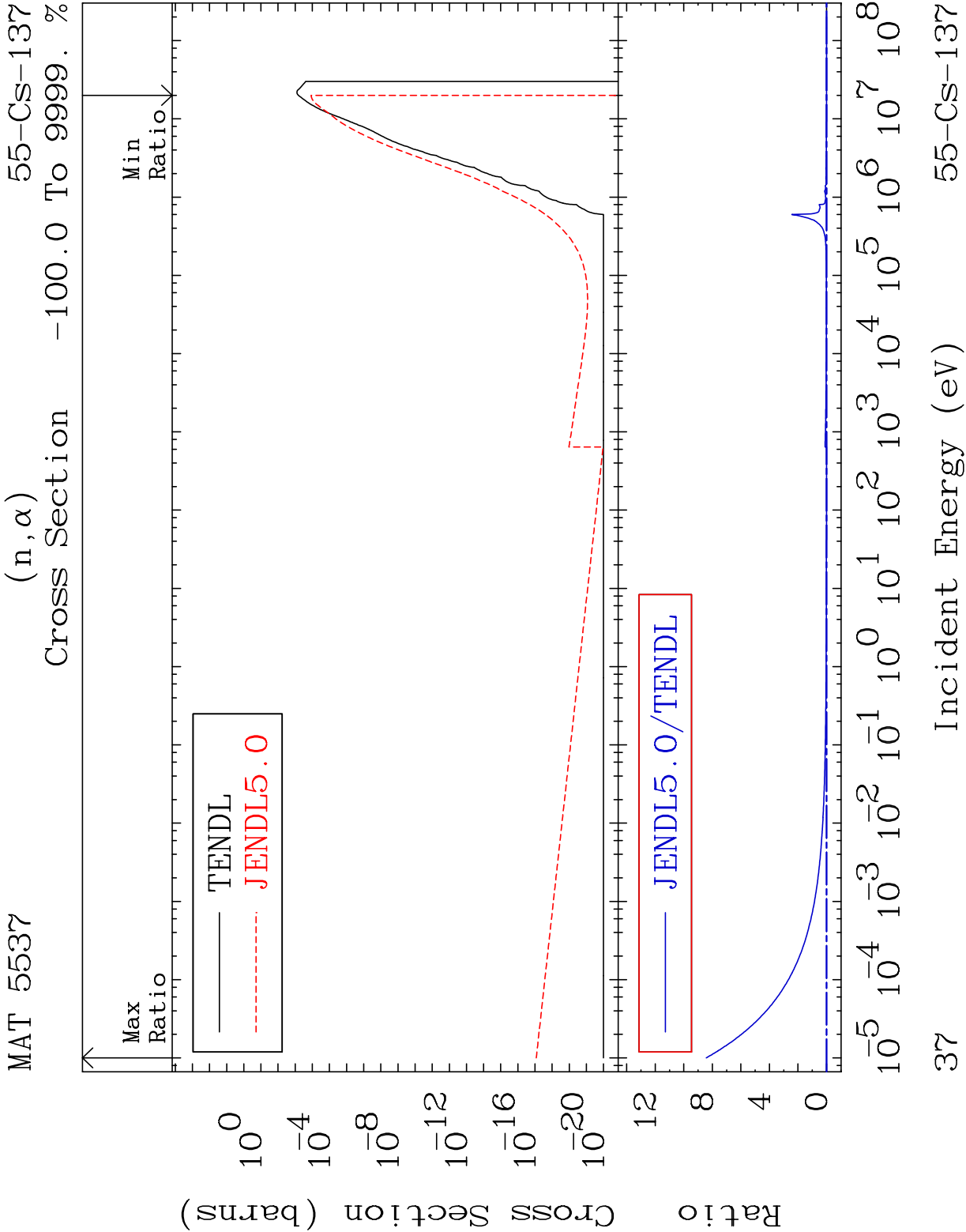


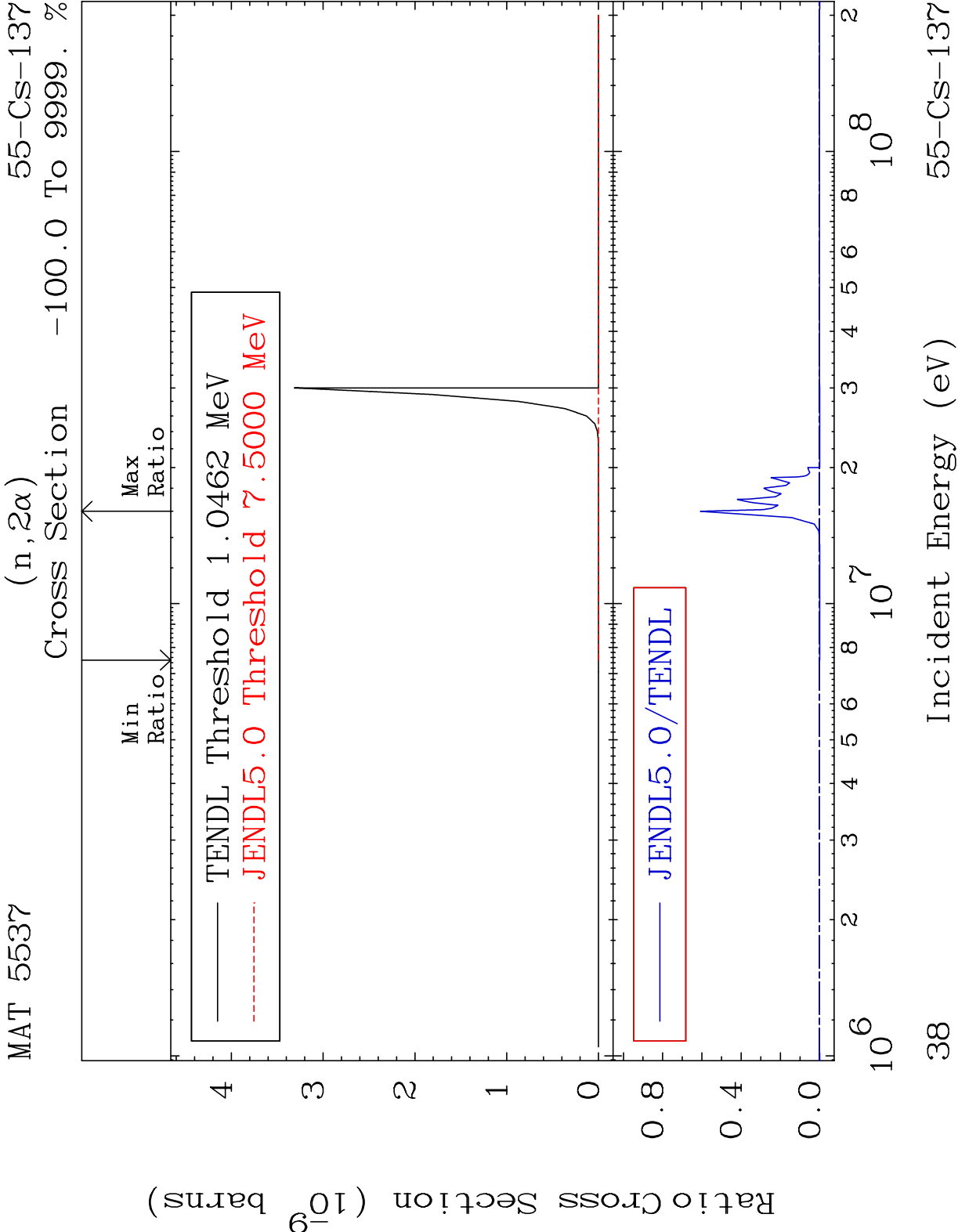


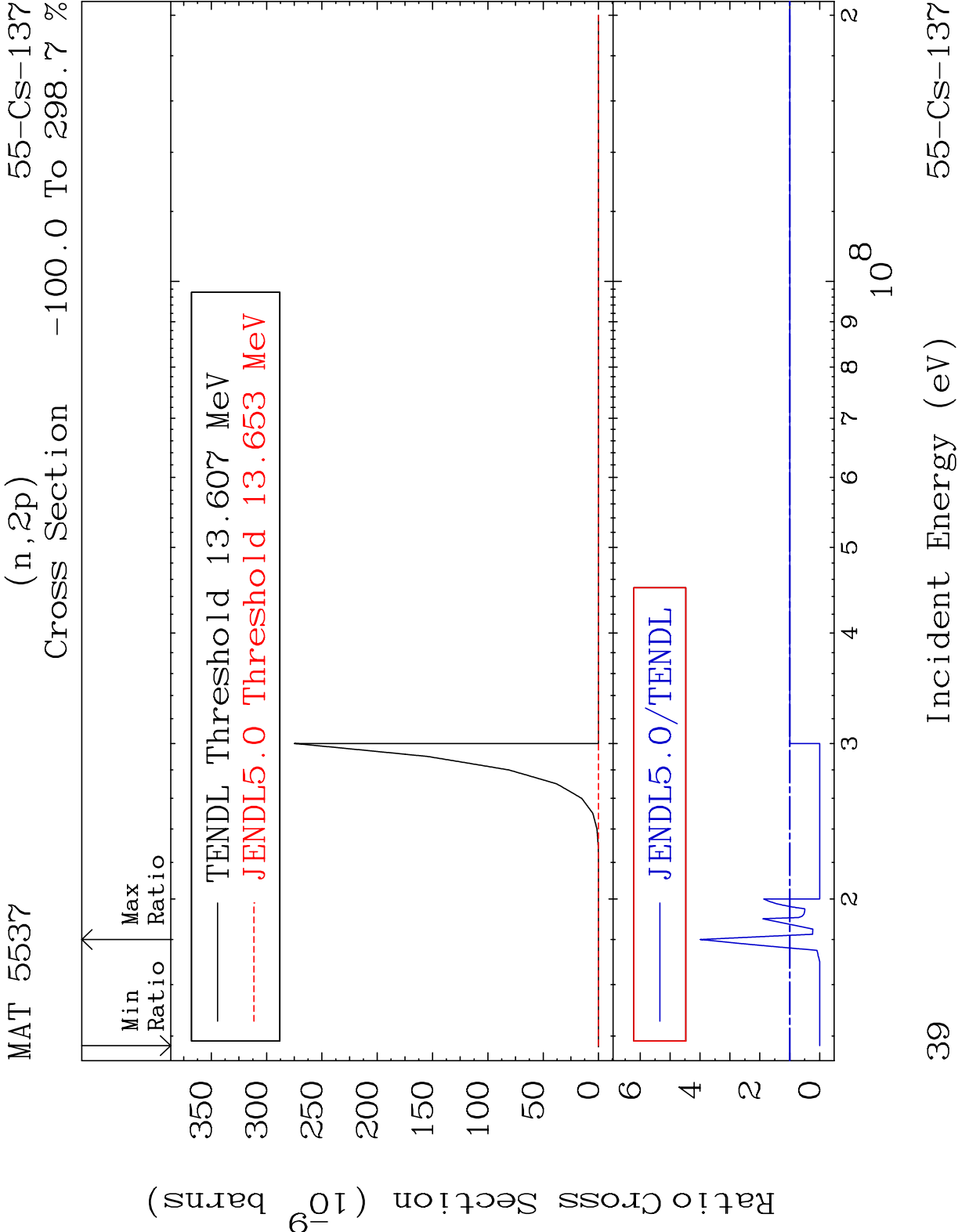


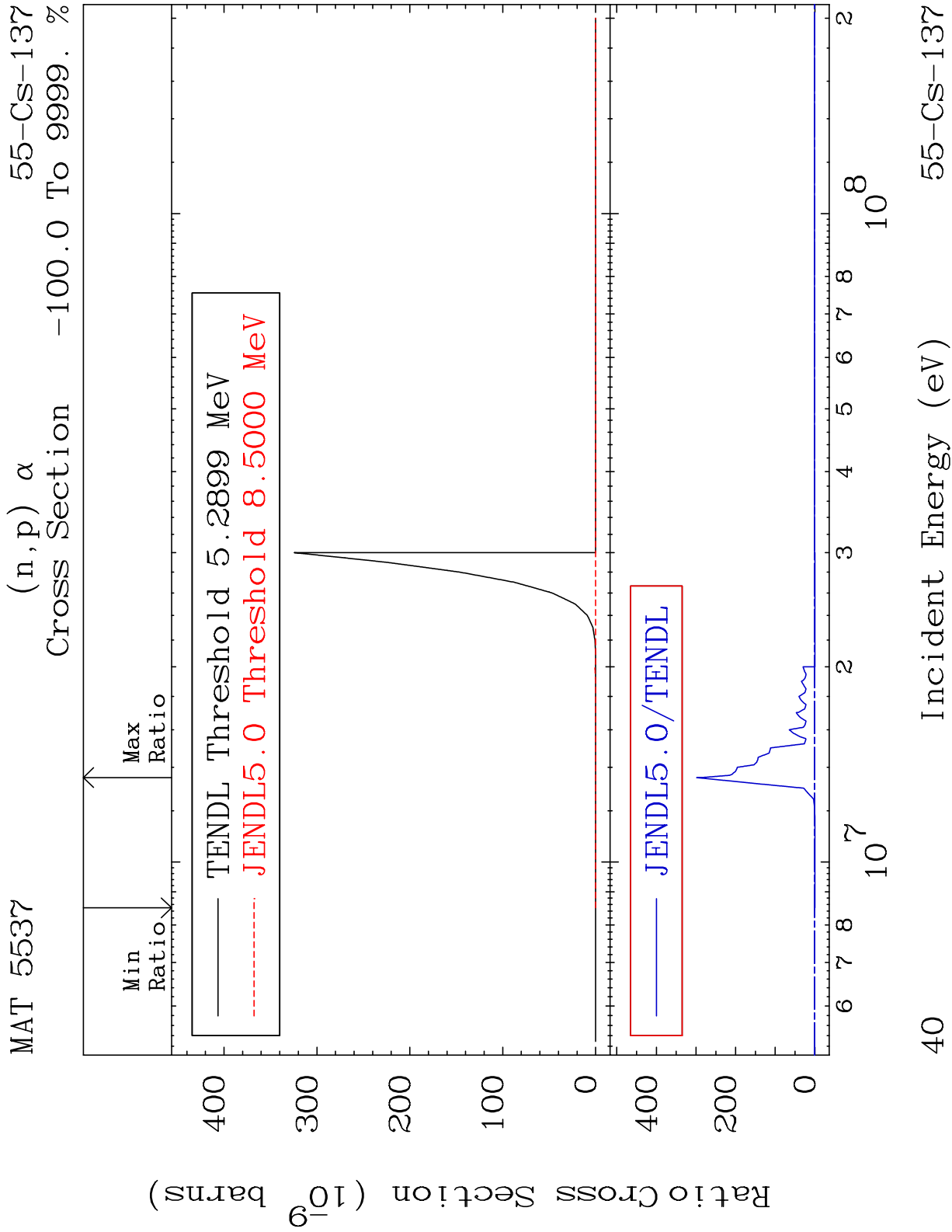


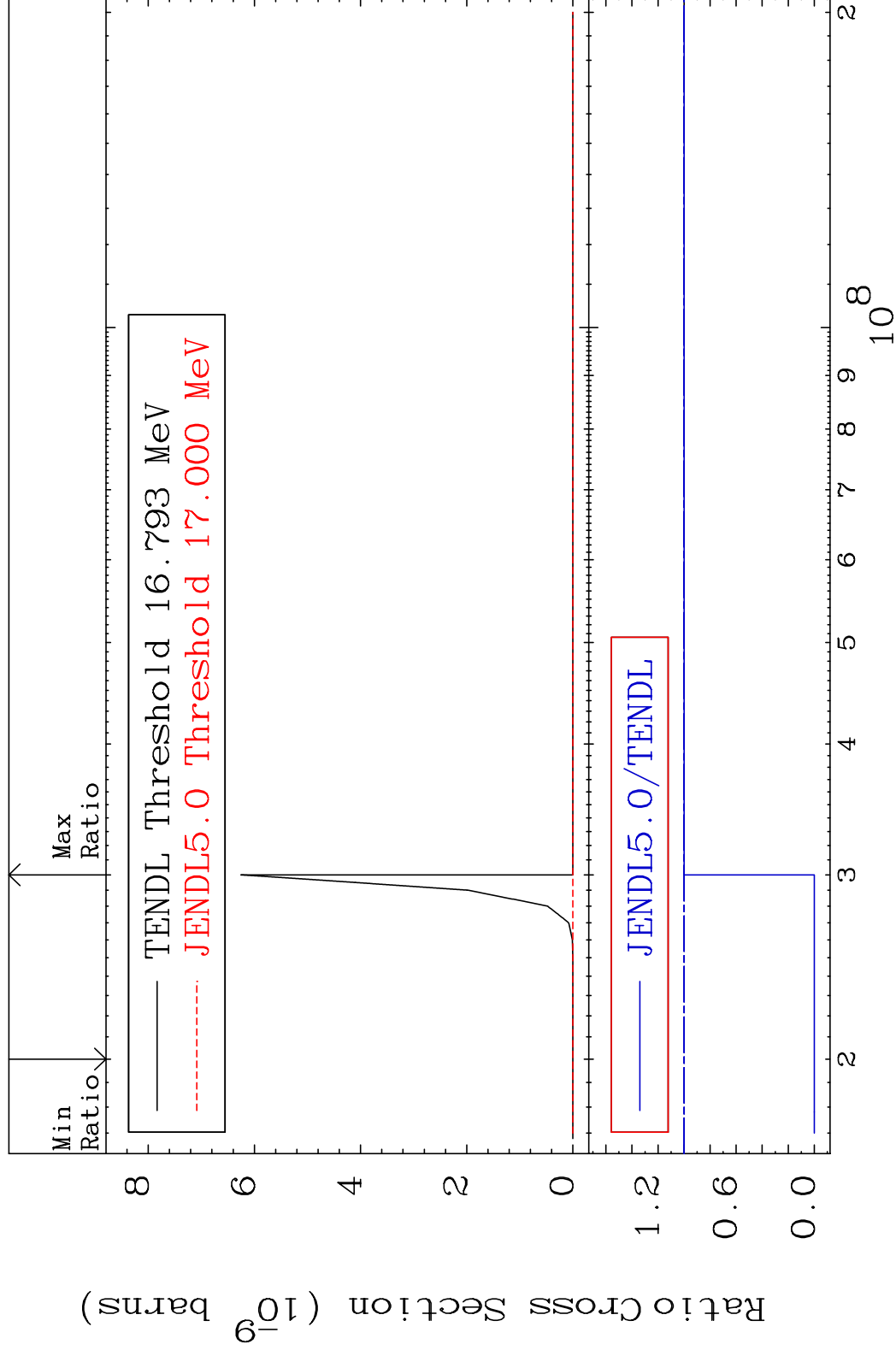


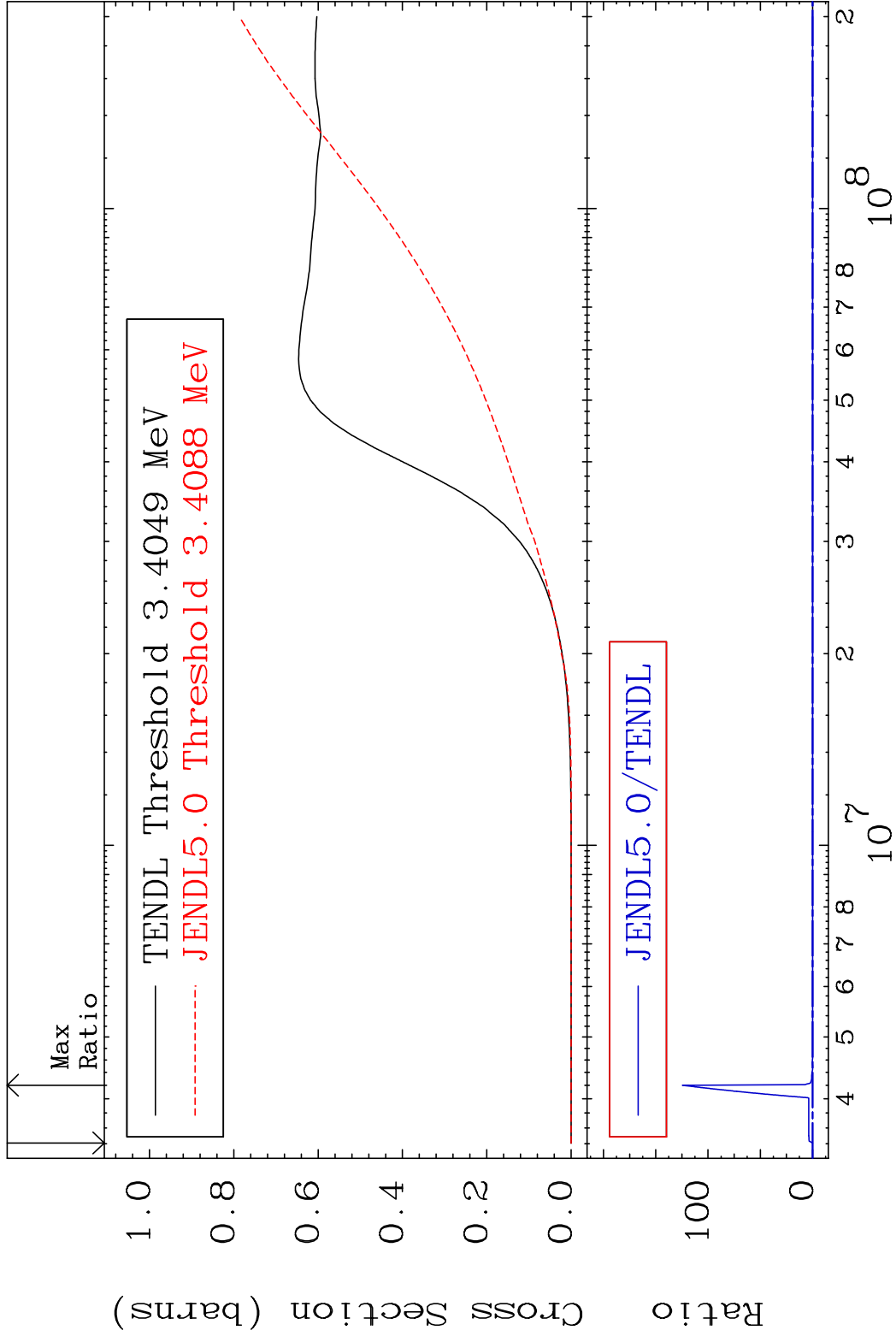


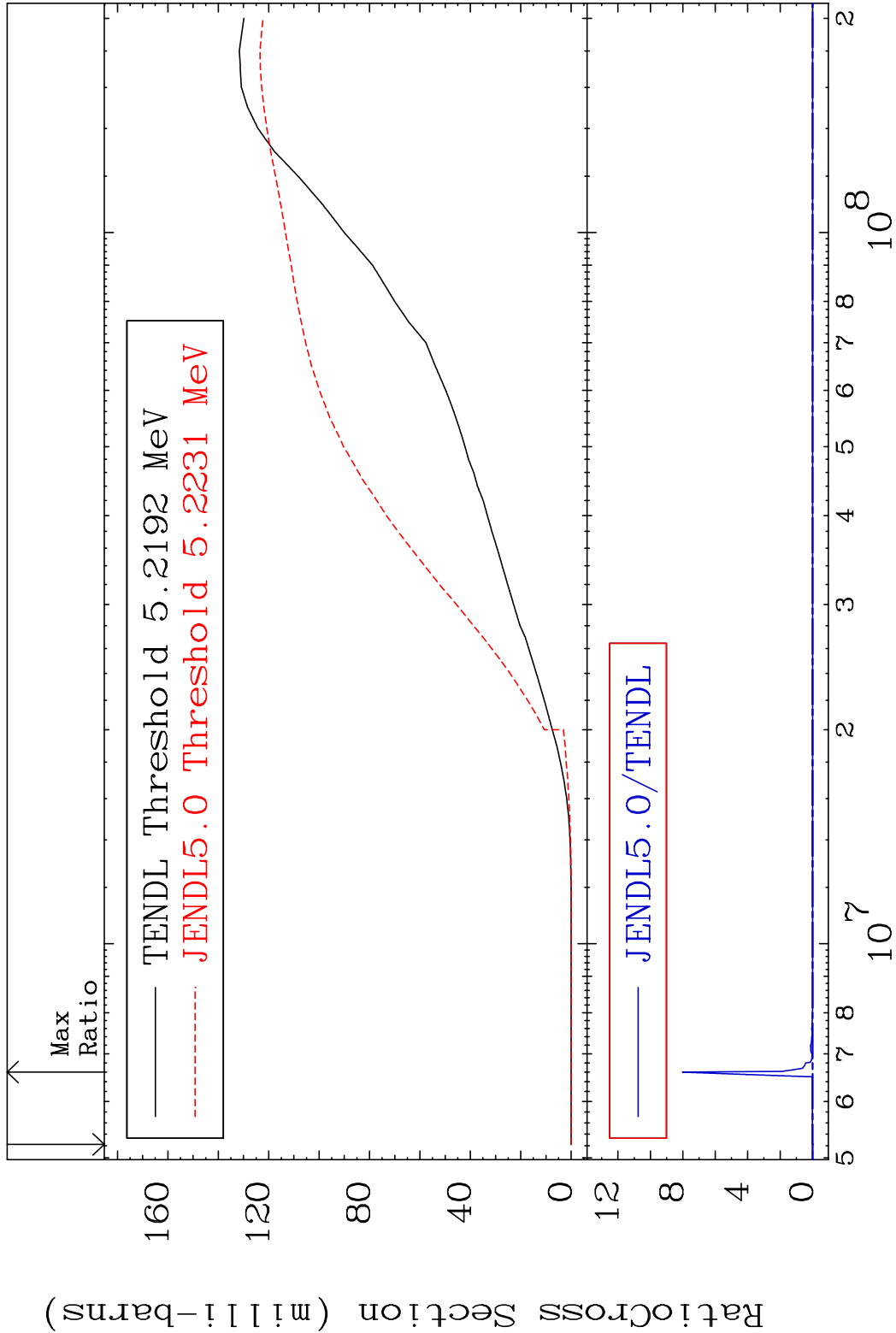




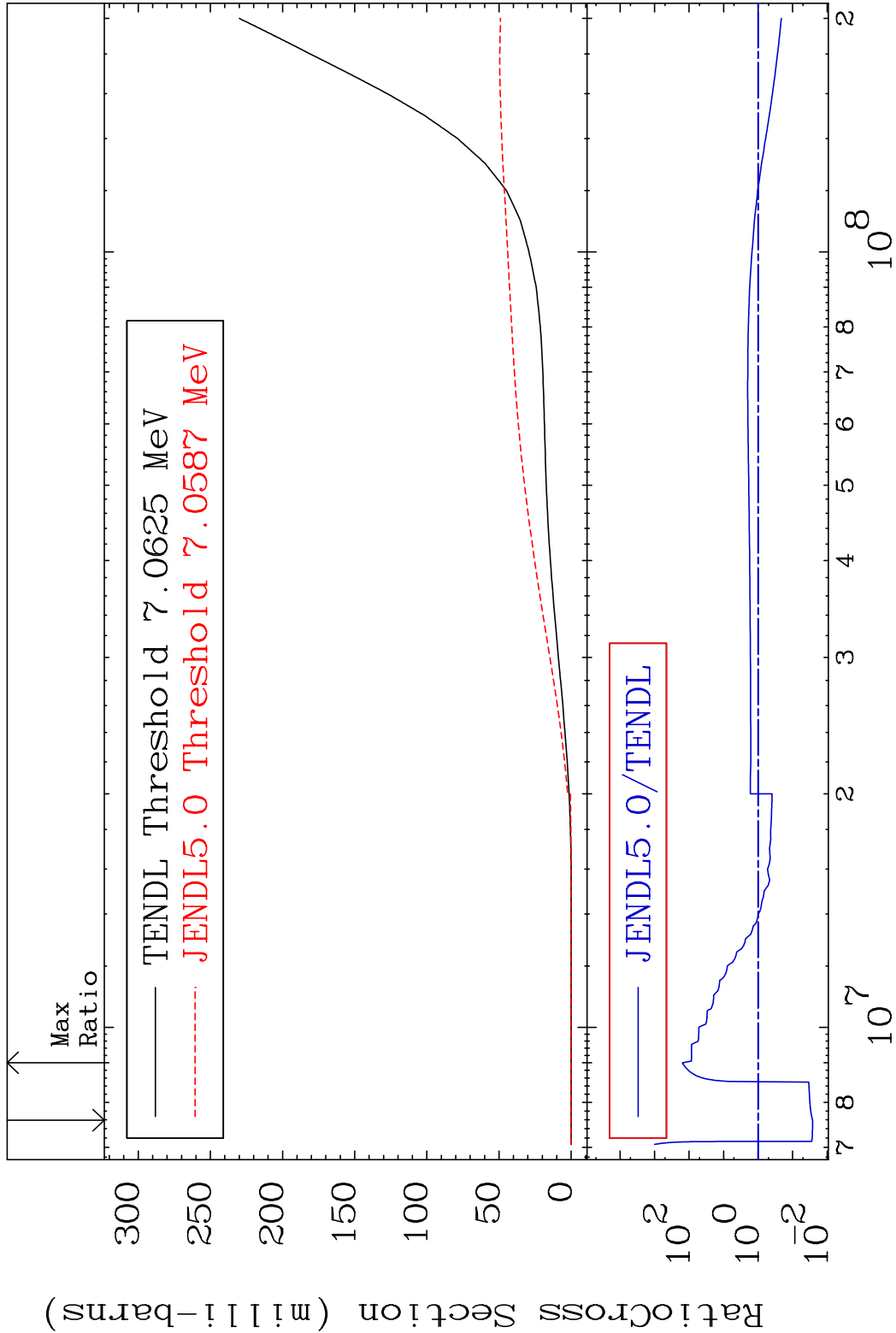






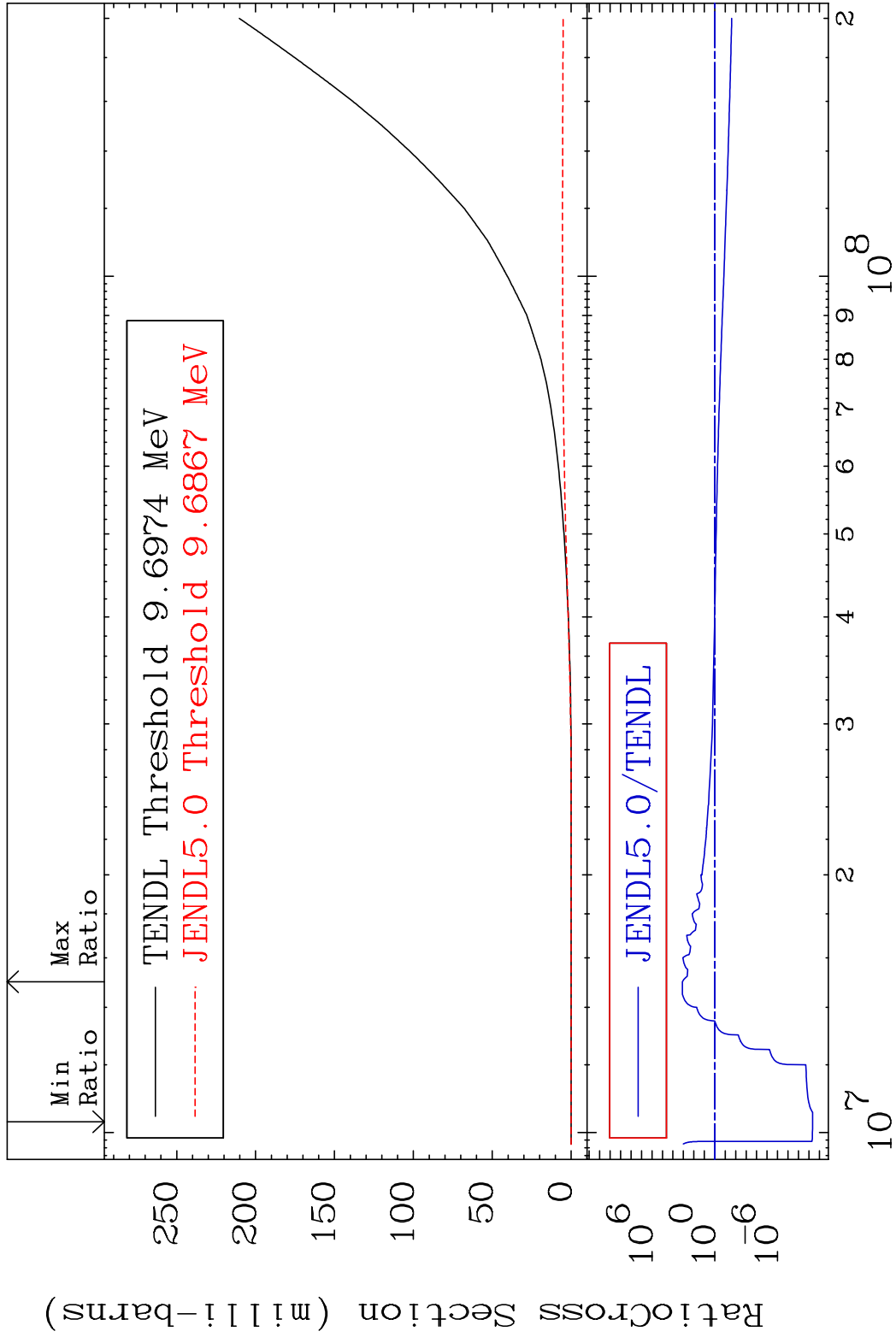


MAT 5537 Tritium Production 55-Cs-137
Cross Section -97.35 To 9999. %

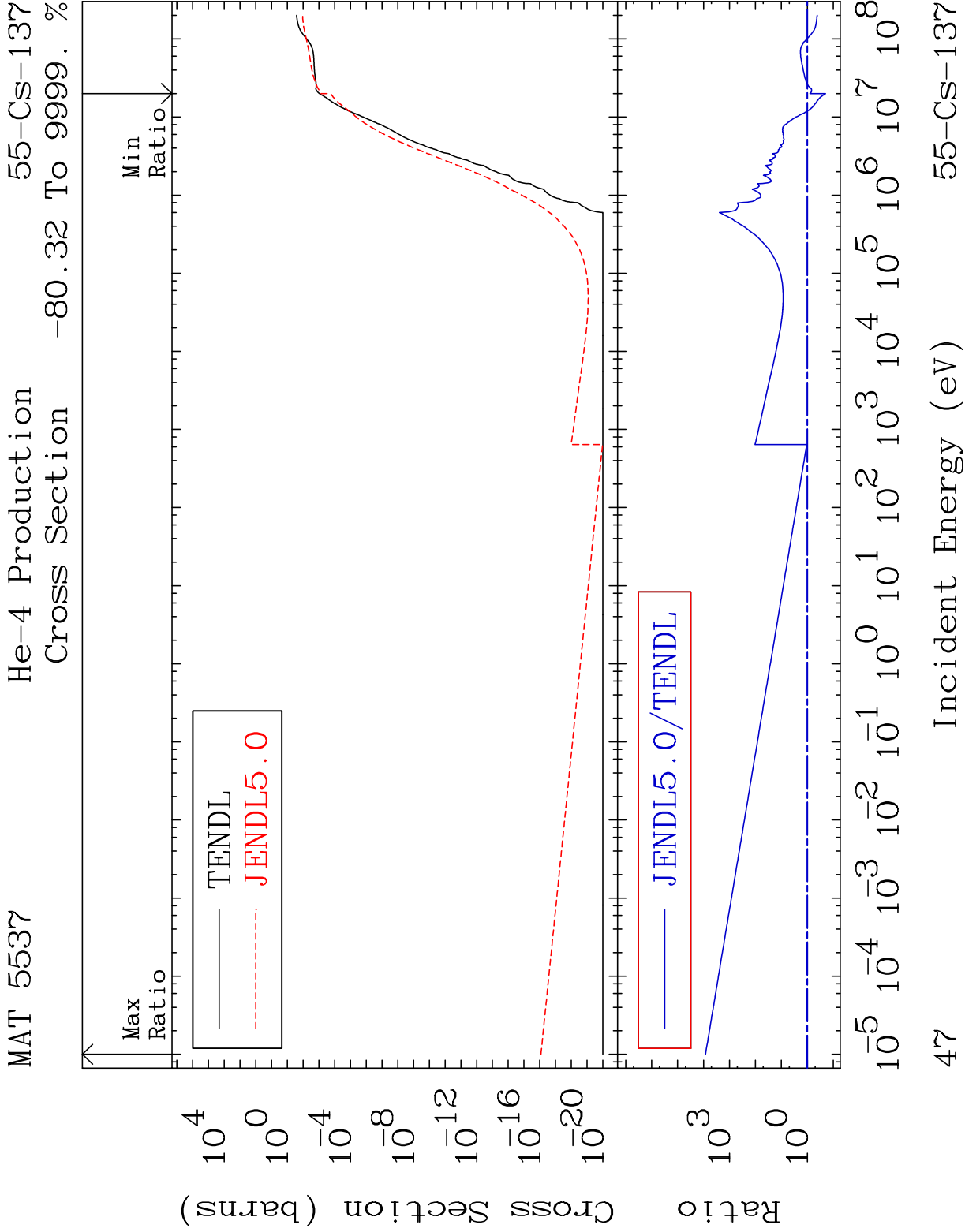


45 Incident Energy (eV) 55-Cs-137

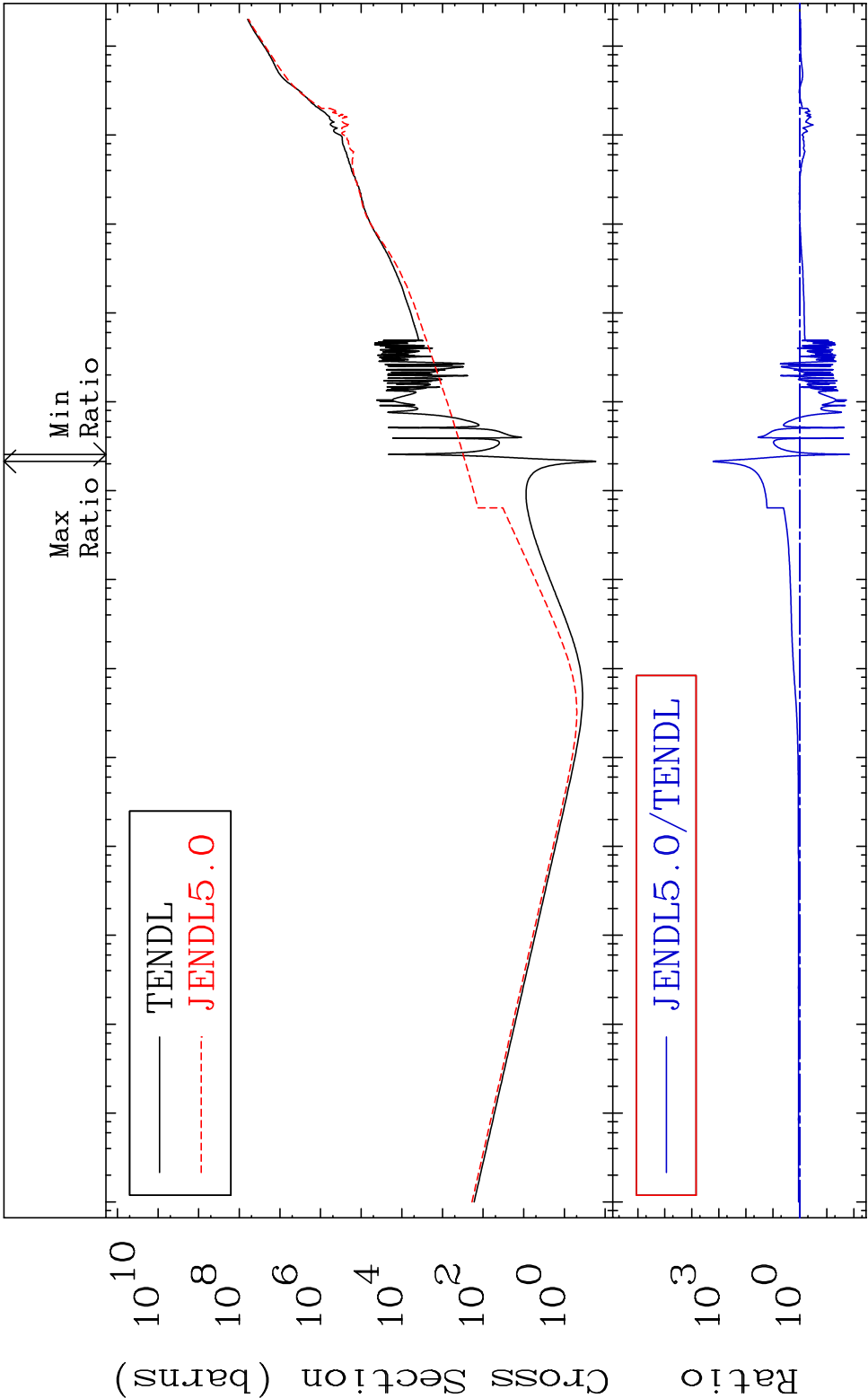
MAT 5537 He-3 Production 55-Cs-137
Cross Section -100.0 To 9999. %



46 Incident Energy (eV) 55-Cs-137



MAT 5537 Kerma total (eV-barns) 55-Cs-137
Cross Section -98.55 To 9999. %



48 Incident Energy (eV) 55-Cs-137

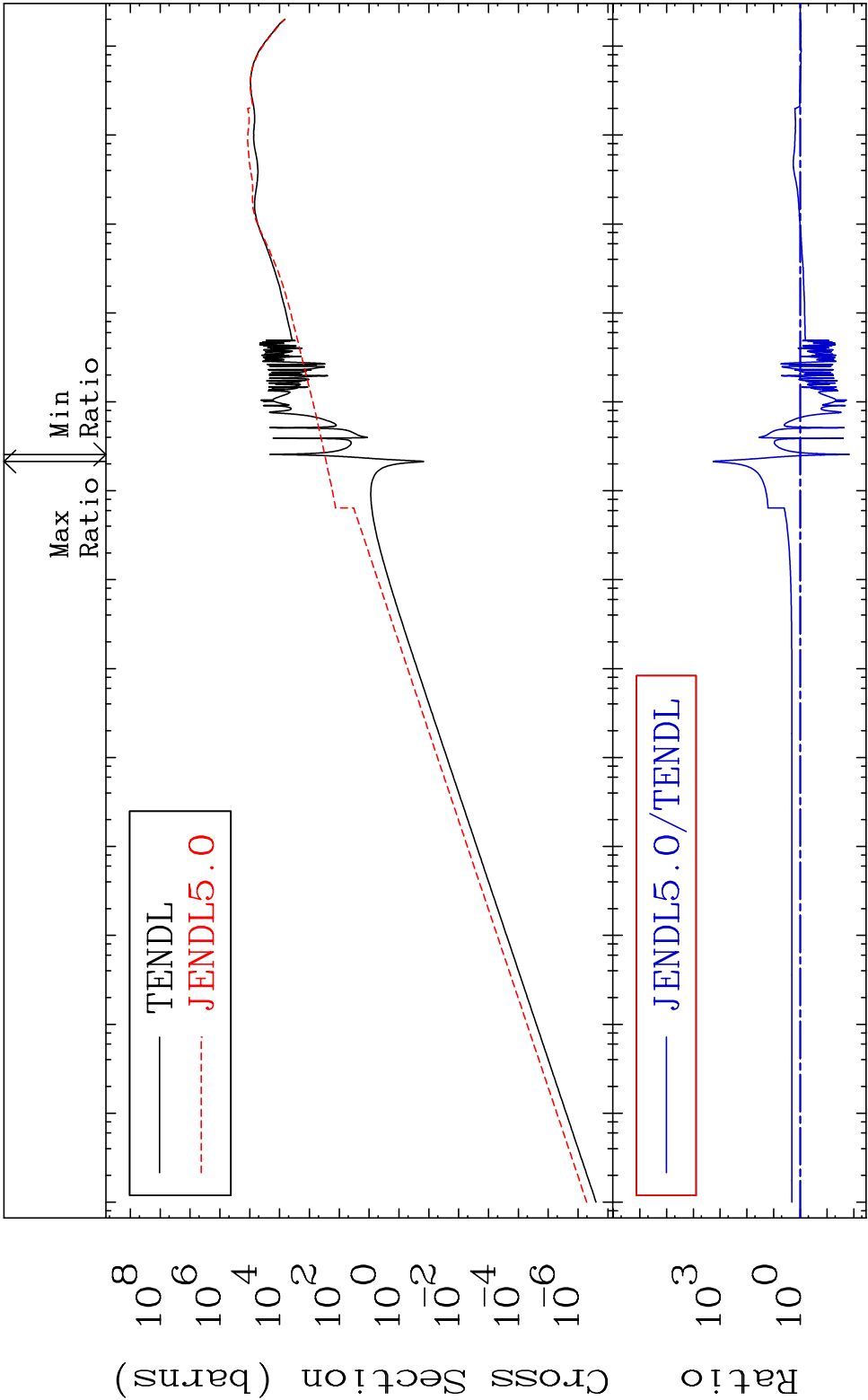
MAT 5537

Kerma elastic

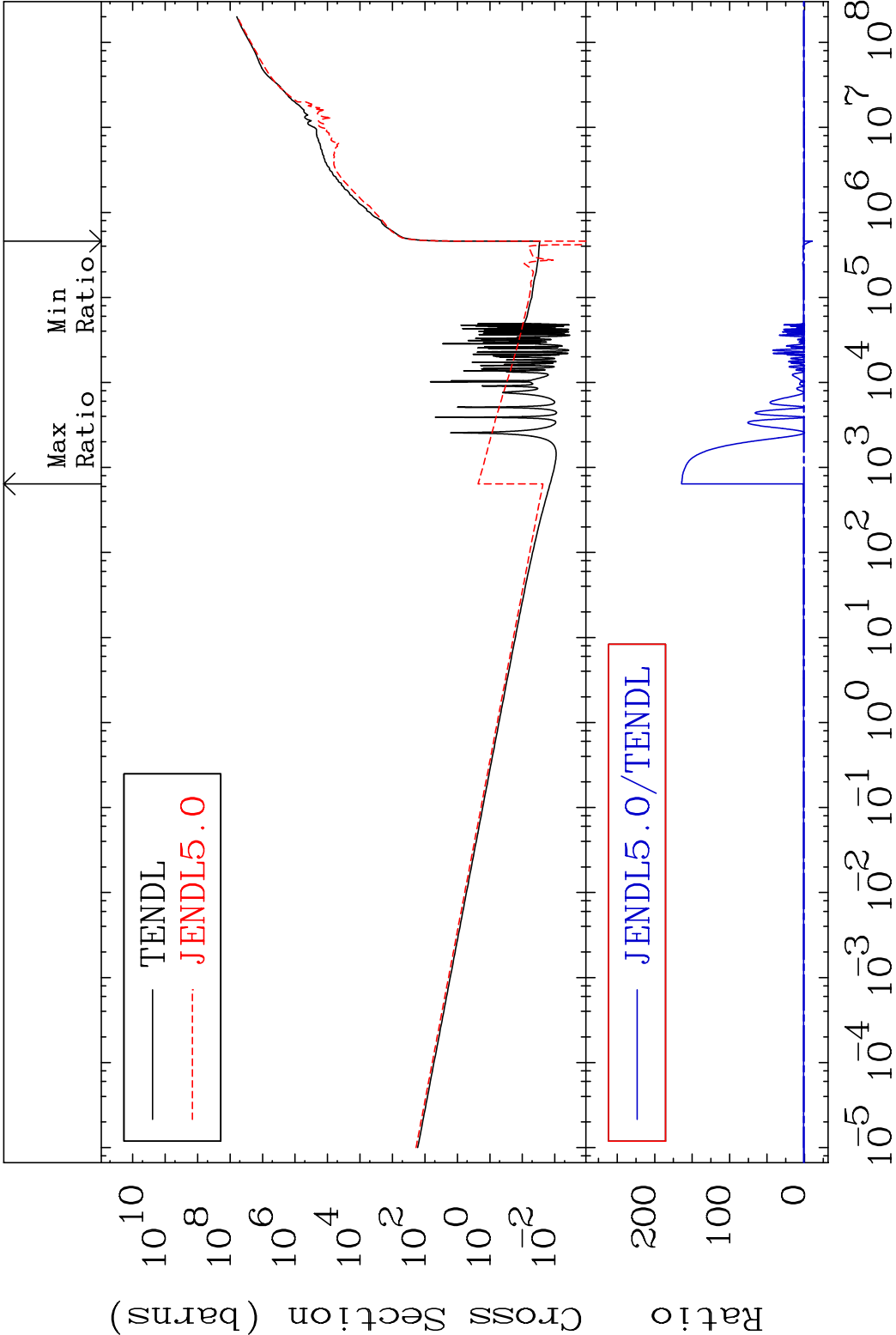
Cross Section

-98.55 To 9999. %

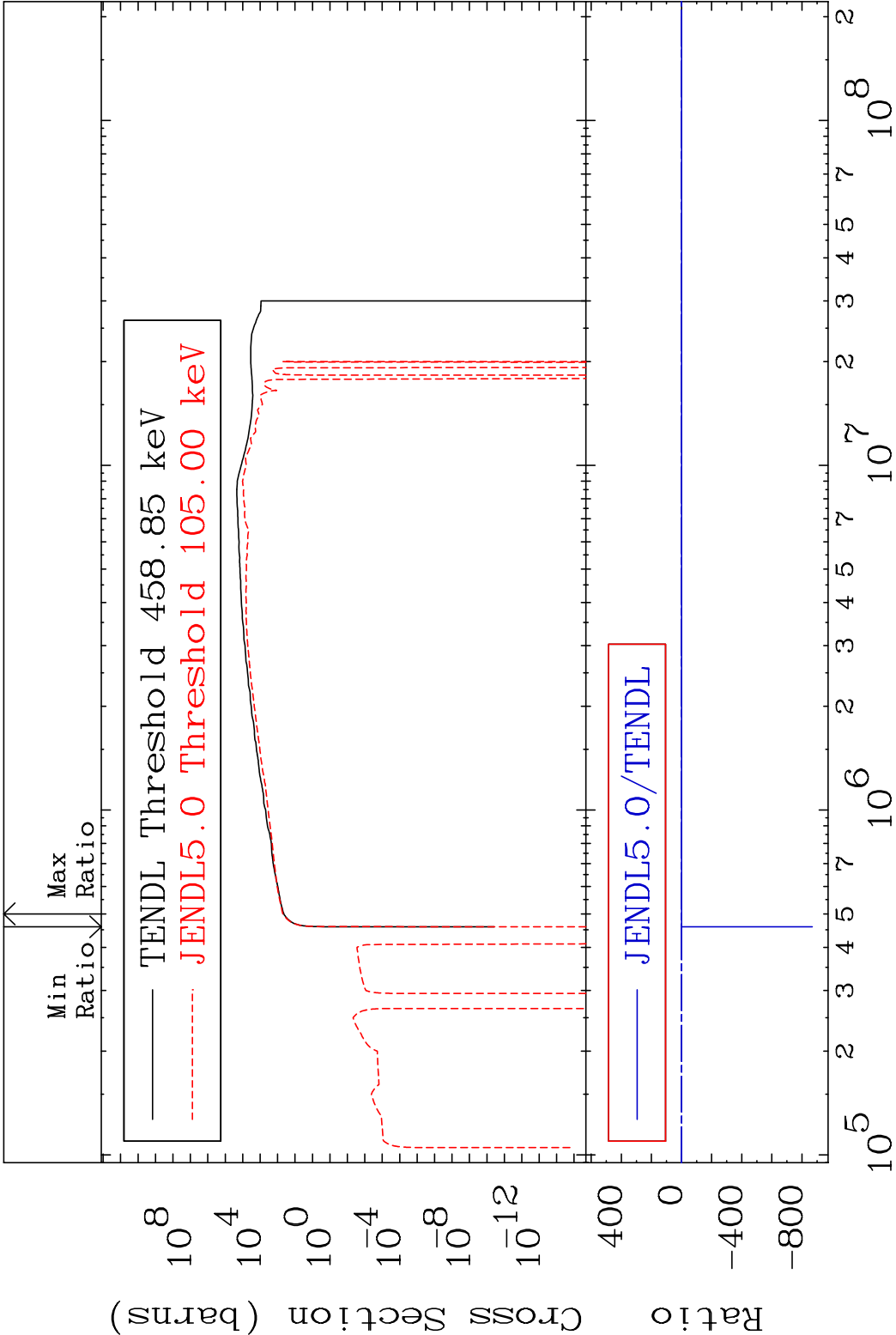
55-Cs-137



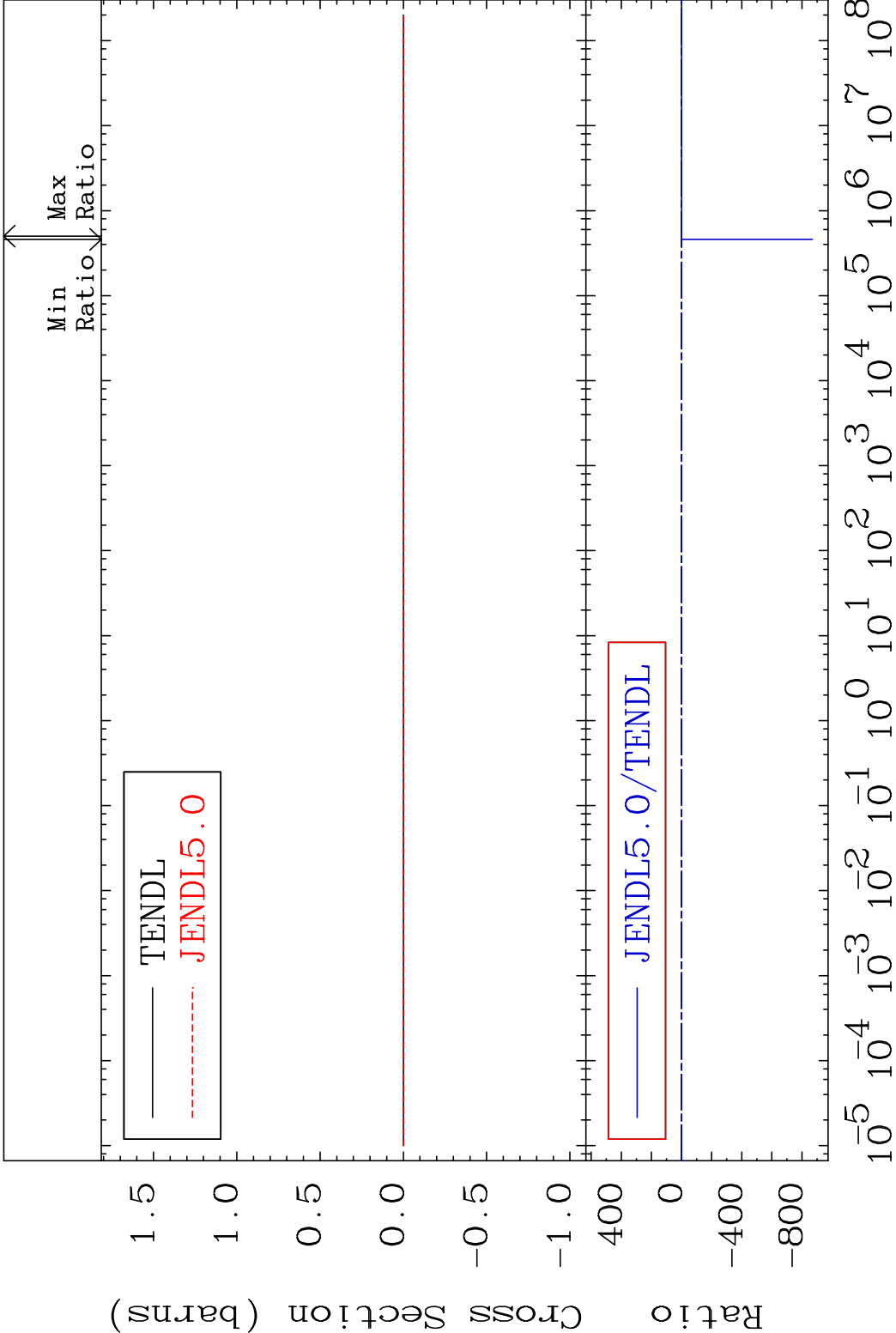
MAT 5537 Kerma non-elastic (all but mt2) 55-Cs-137
Cross Section -1129. To 9999. %

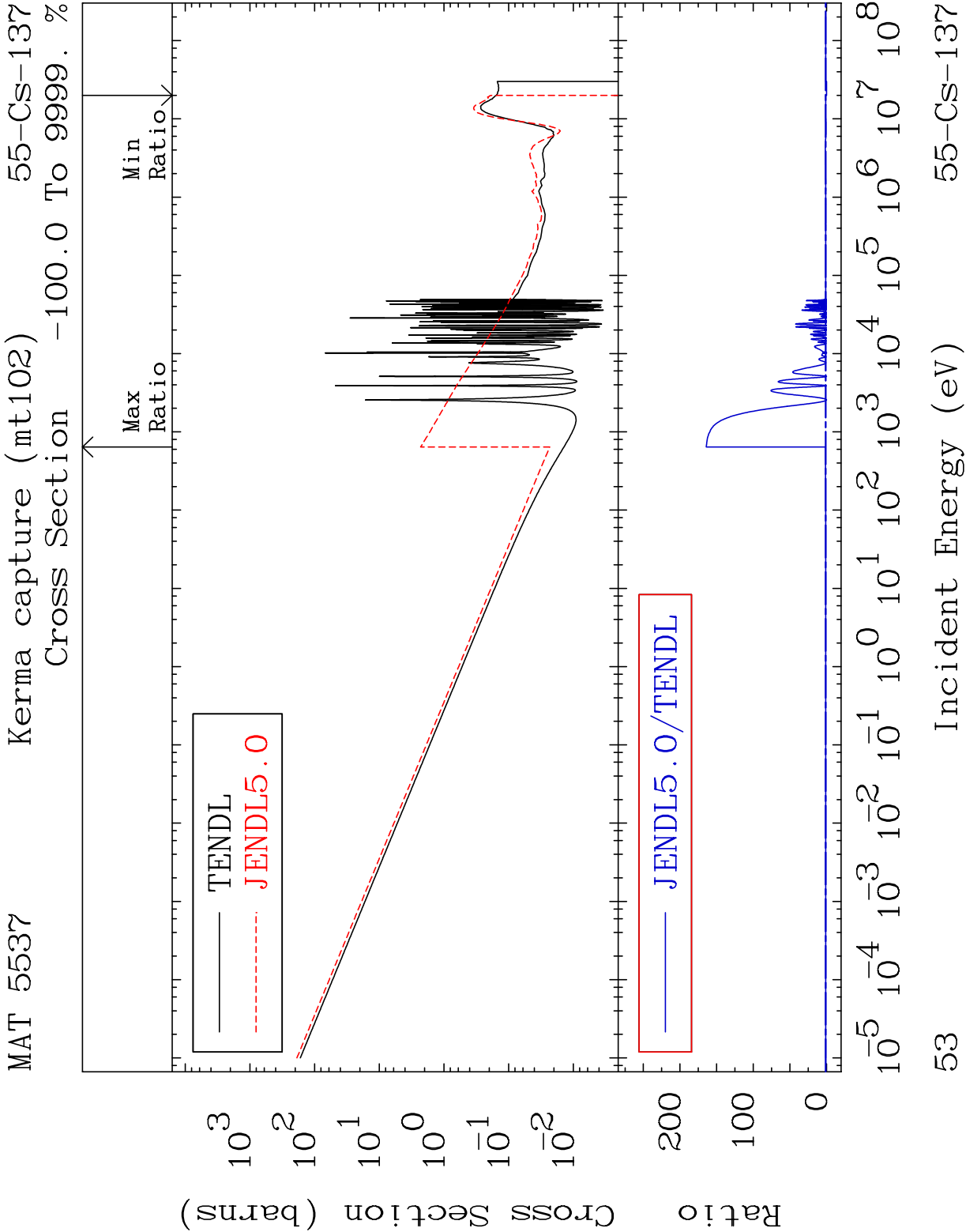


50 Incident Energy (eV) 55-Cs-137

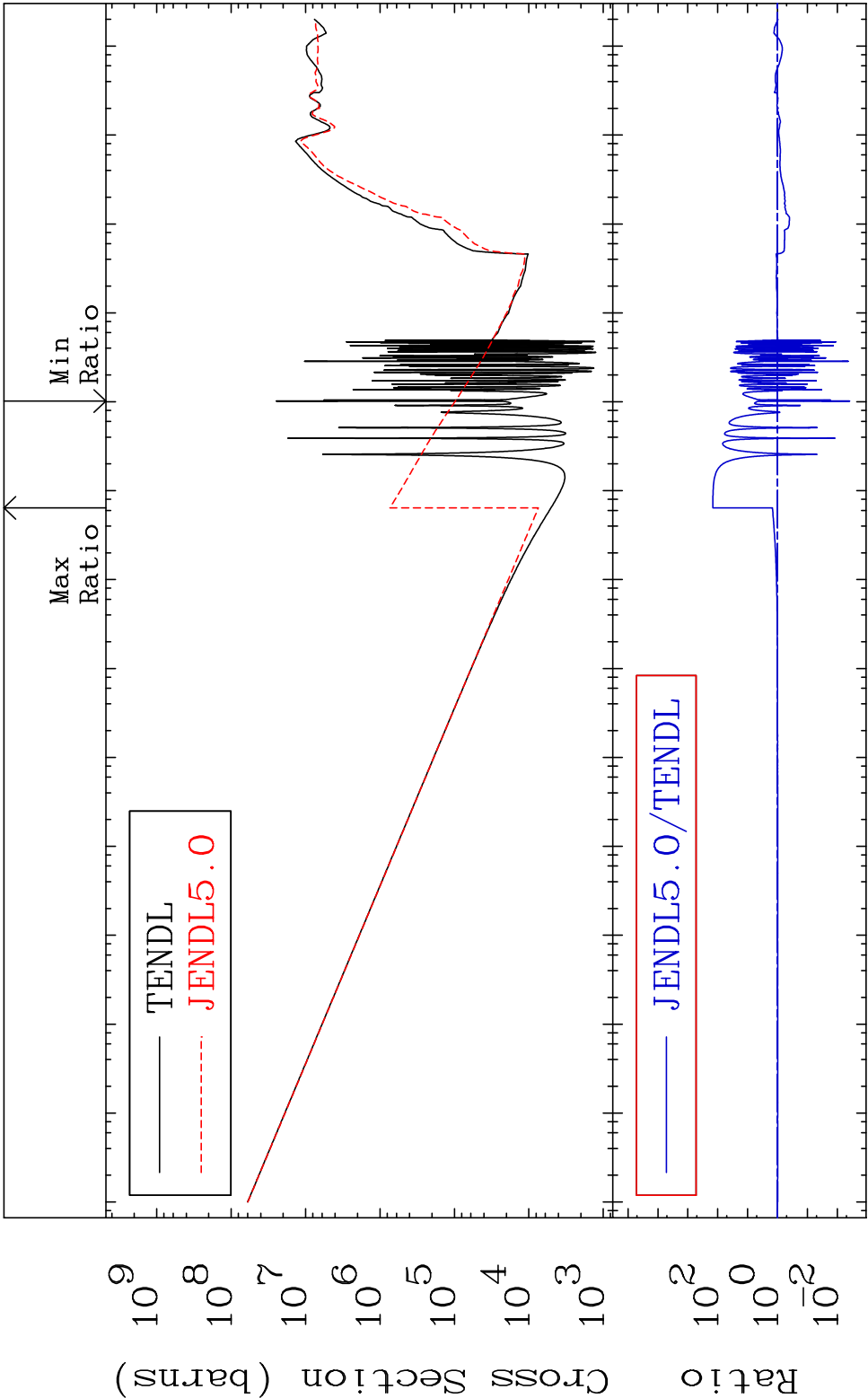


MAT 5537 Kerma fission (mt18 or mt19-20-21-38)55-Cs-137
Cross Section -9999. To 12.00 %





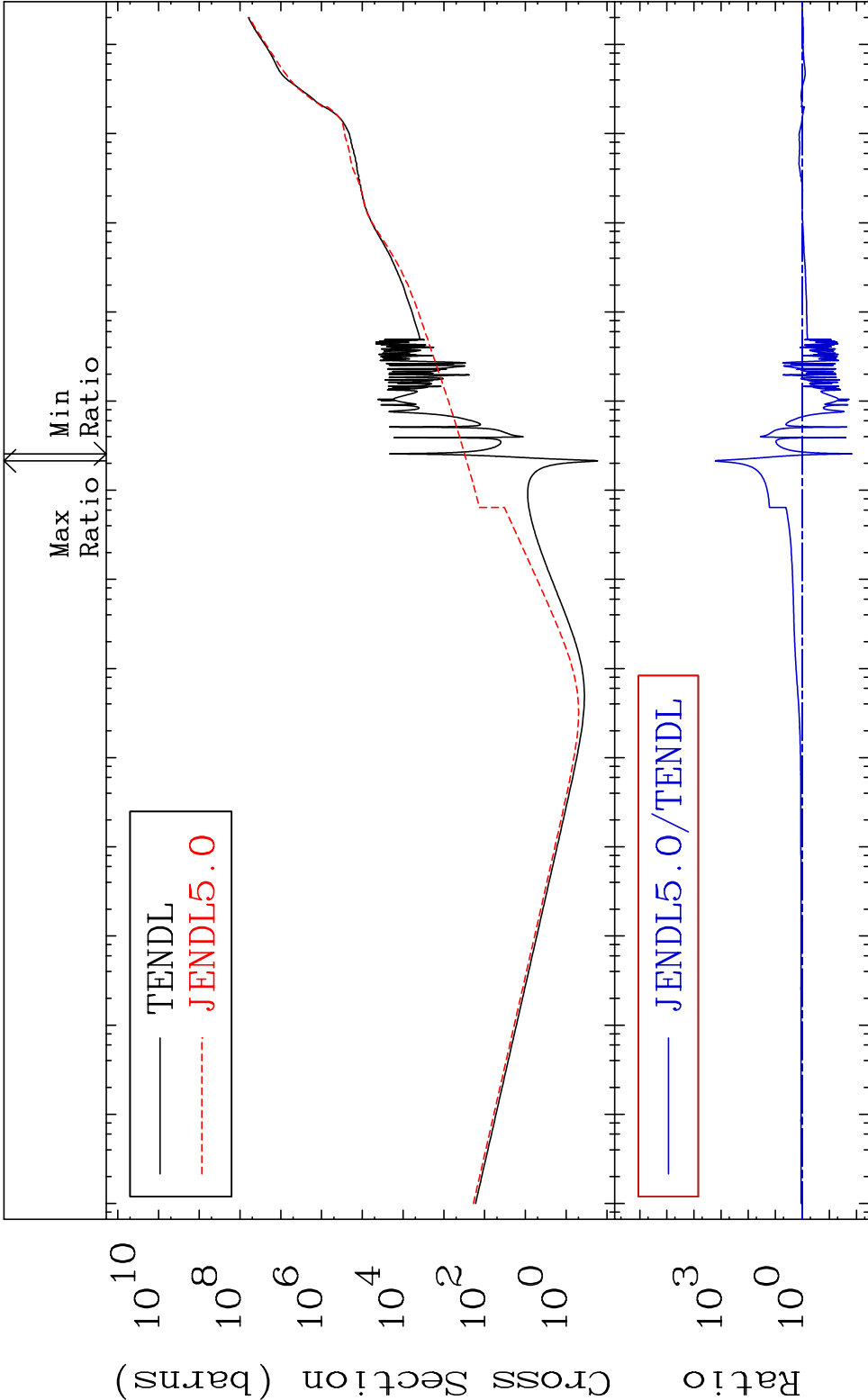
MAT 5537 Total photon (eV-barns) 55-Cs-137
Cross Section -99.61 To 9999. %



10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

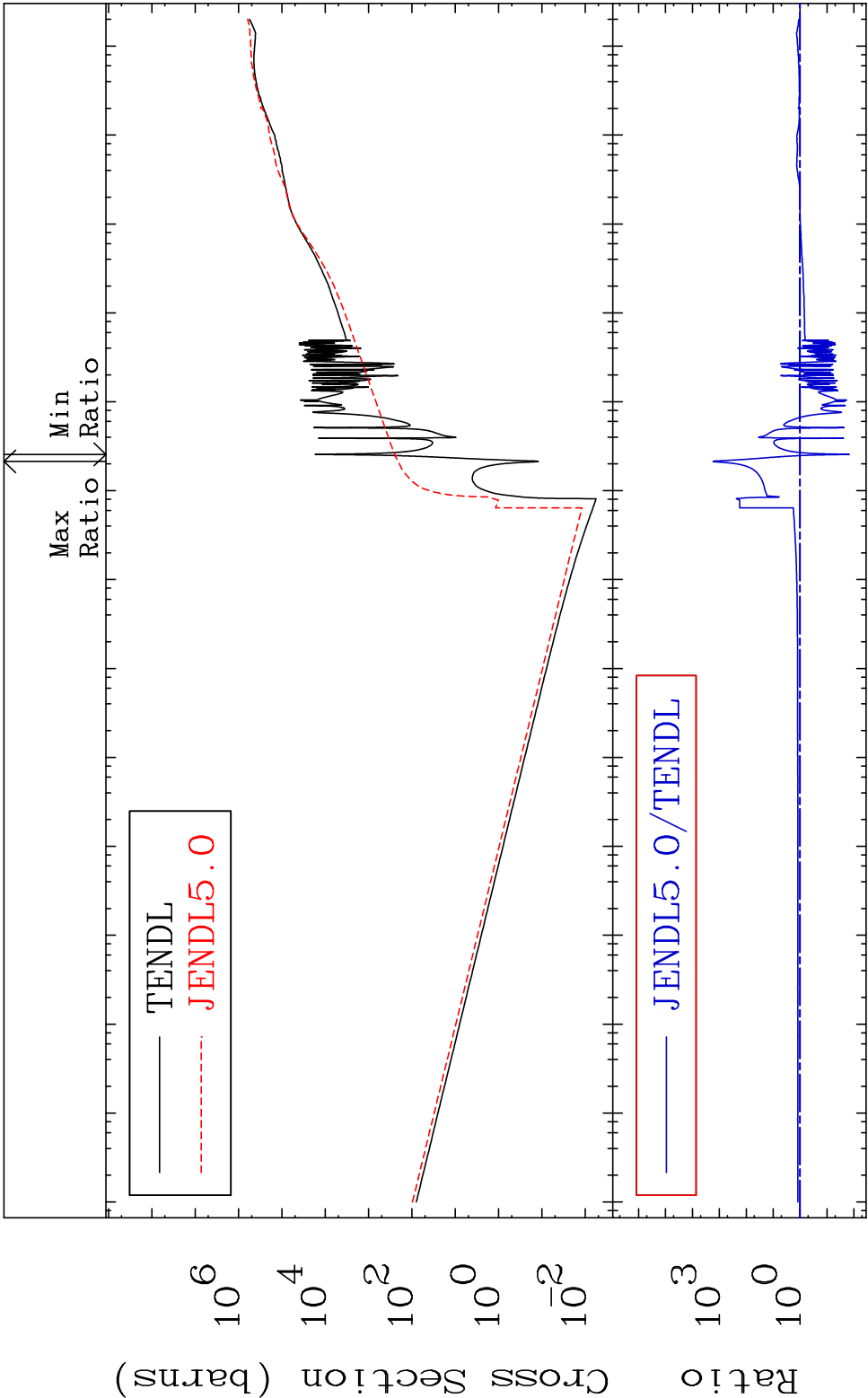
54 Incident Energy (eV) 55-Cs-137

MAT 5537 Total kinematic kerma (high limit) 55-Cs-137
Cross Section -98.55 To 9999. %



55 55-Cs-137

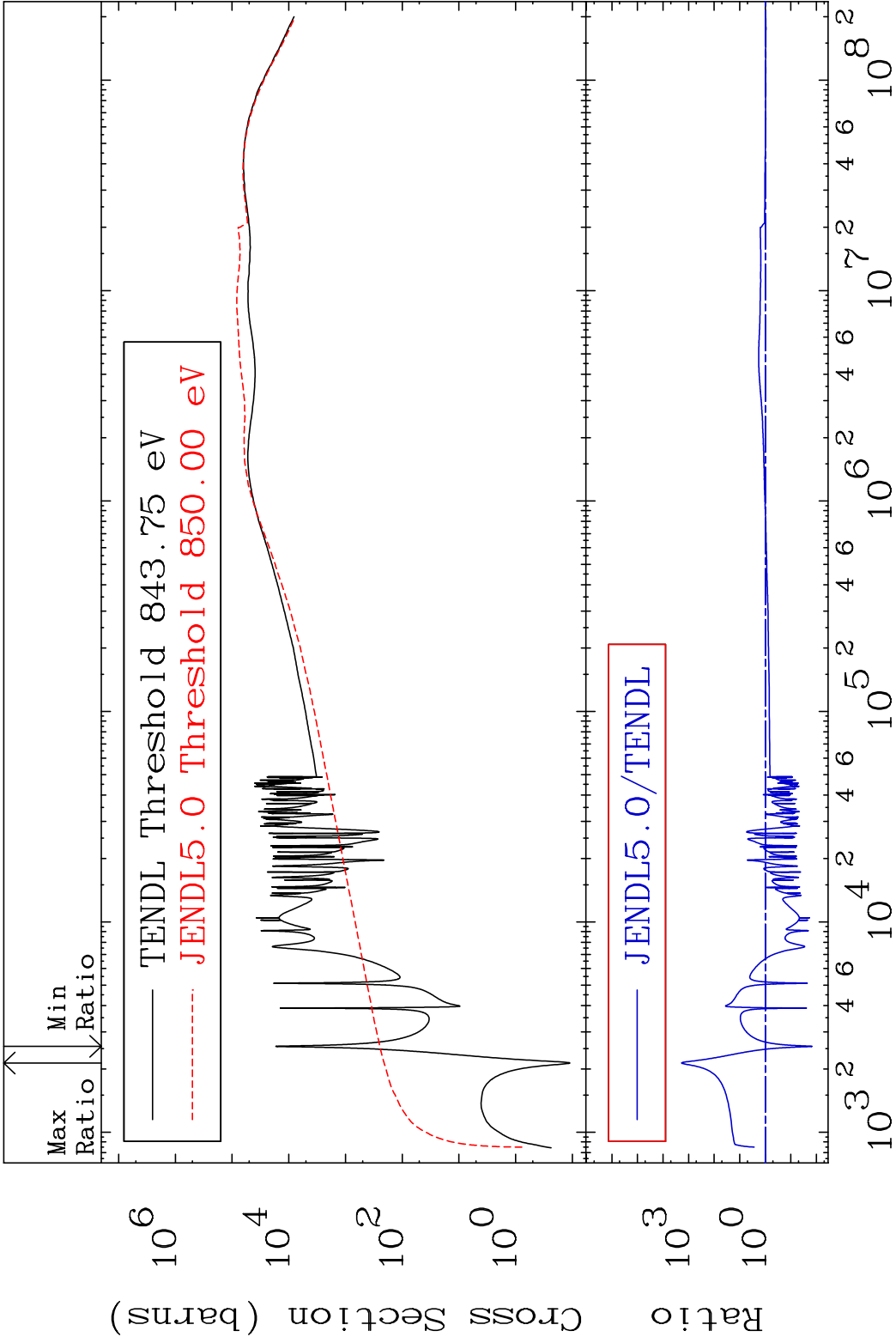
MAT 5537 Dpa total (eV-barns) 55-Cs-137
Cross Section -98.54 To 9999. %

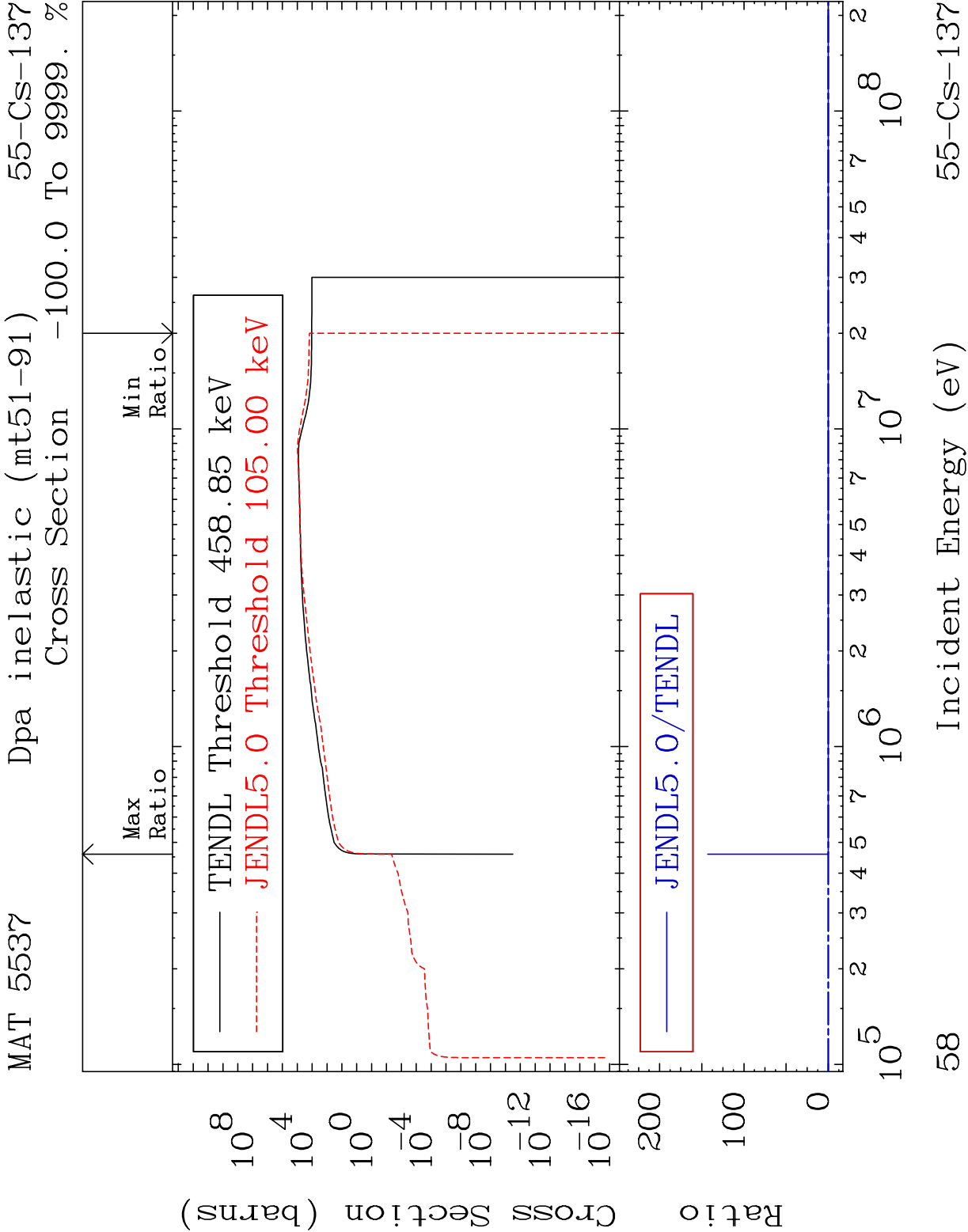


10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

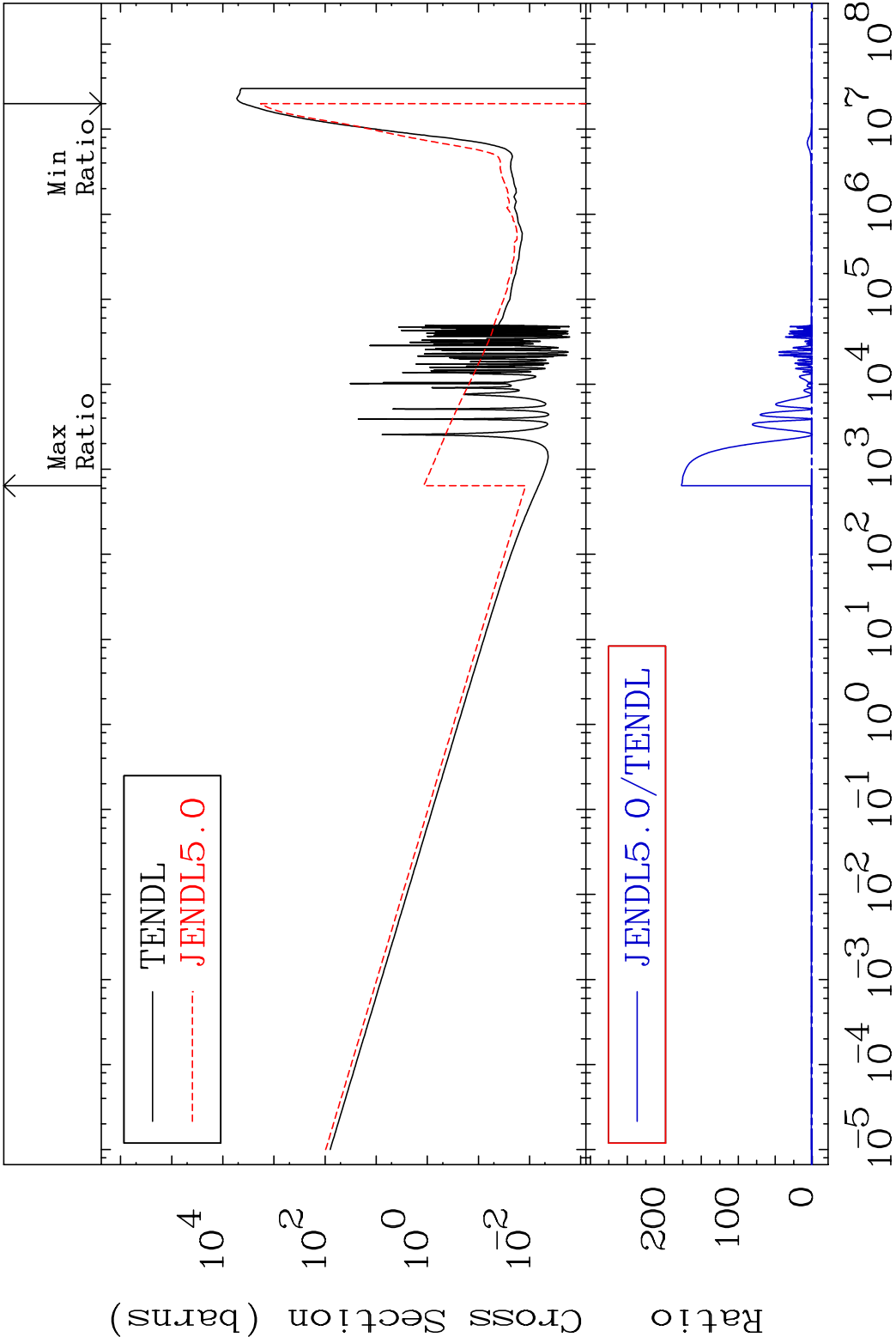
56 Incident Energy (eV) 55-Cs-137

MAT 5537 Dpa elastic (mt2) 55-Cs-137
Cross Section -98.54 To 9999. %



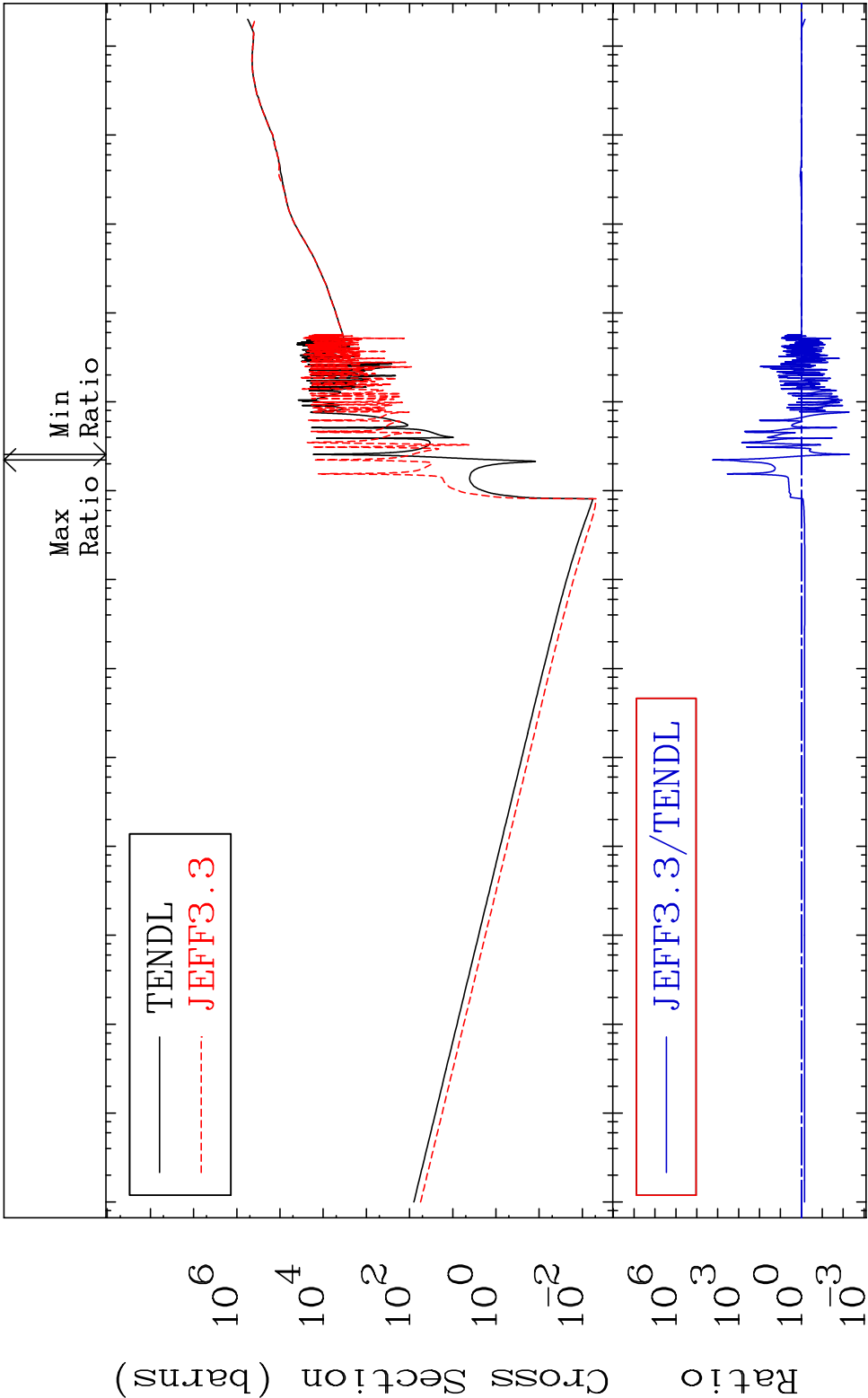


MAT 5537 Dpa disappearance (mt102 -120) 55-Cs-137
Cross Section -100.0 To 9999. %



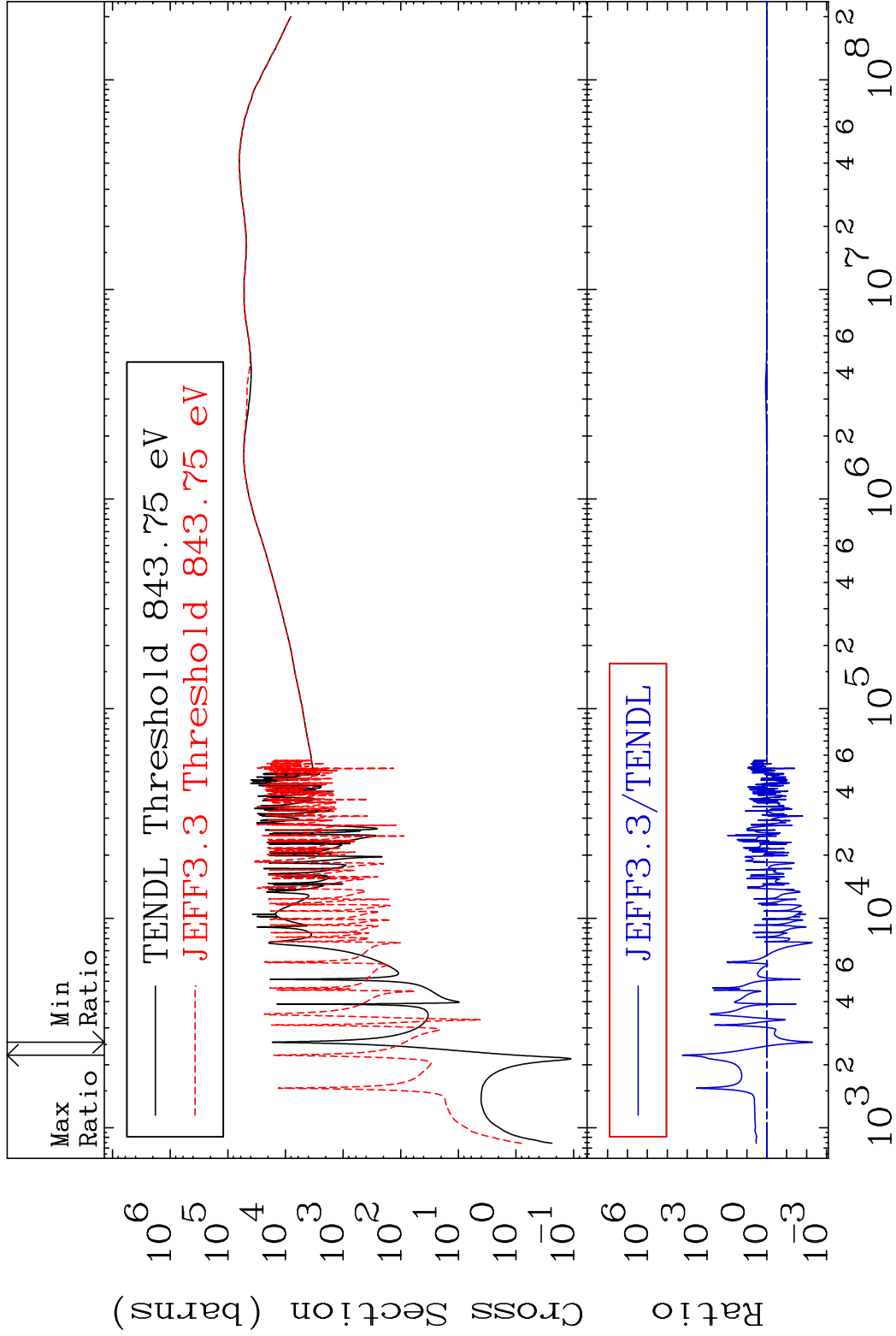
59 Incident Energy (eV) 55-Cs-137

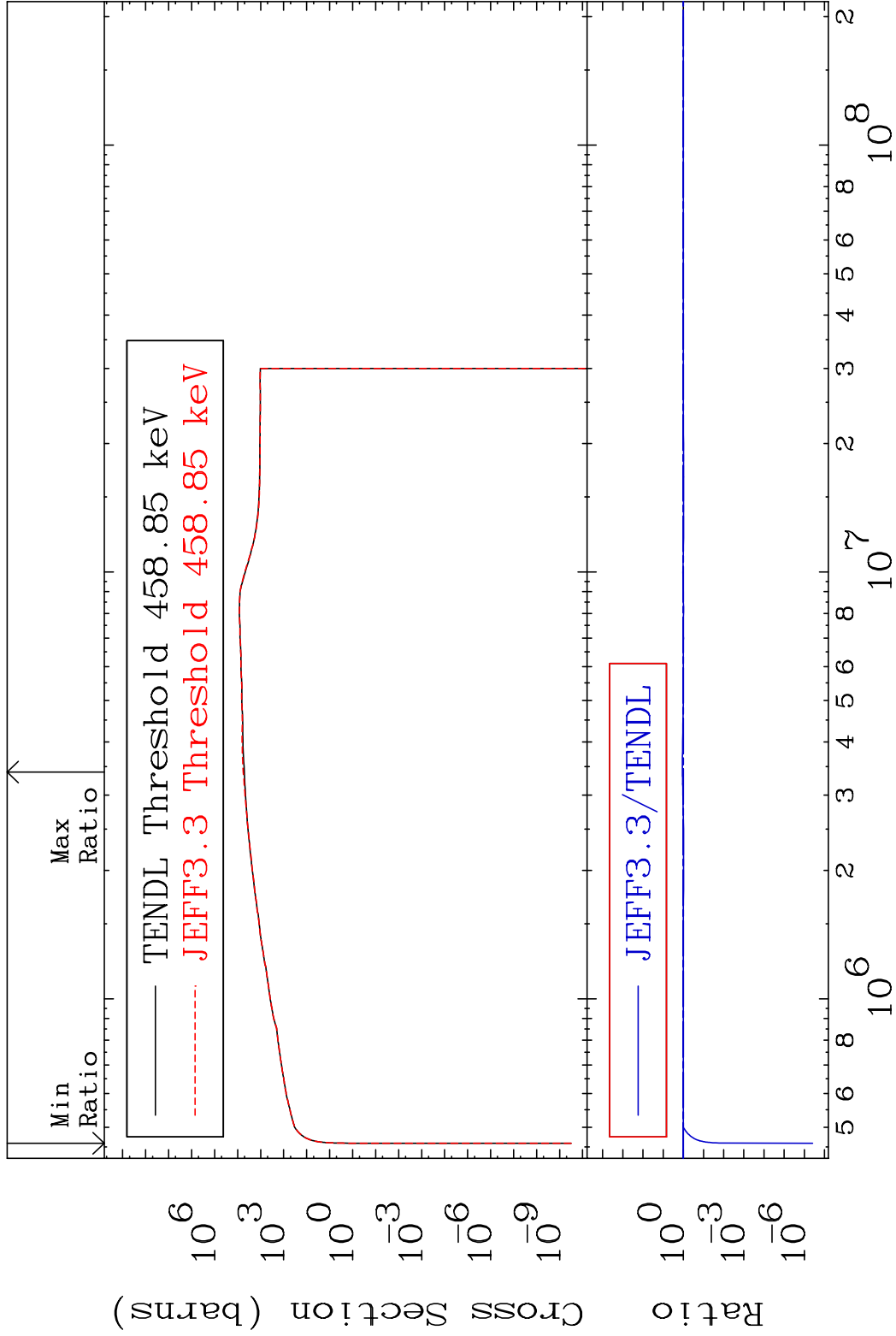
MAT 5537 Dpa total (eV-barns) 55-Cs-137
Cross Section -99.50 To 9999. %



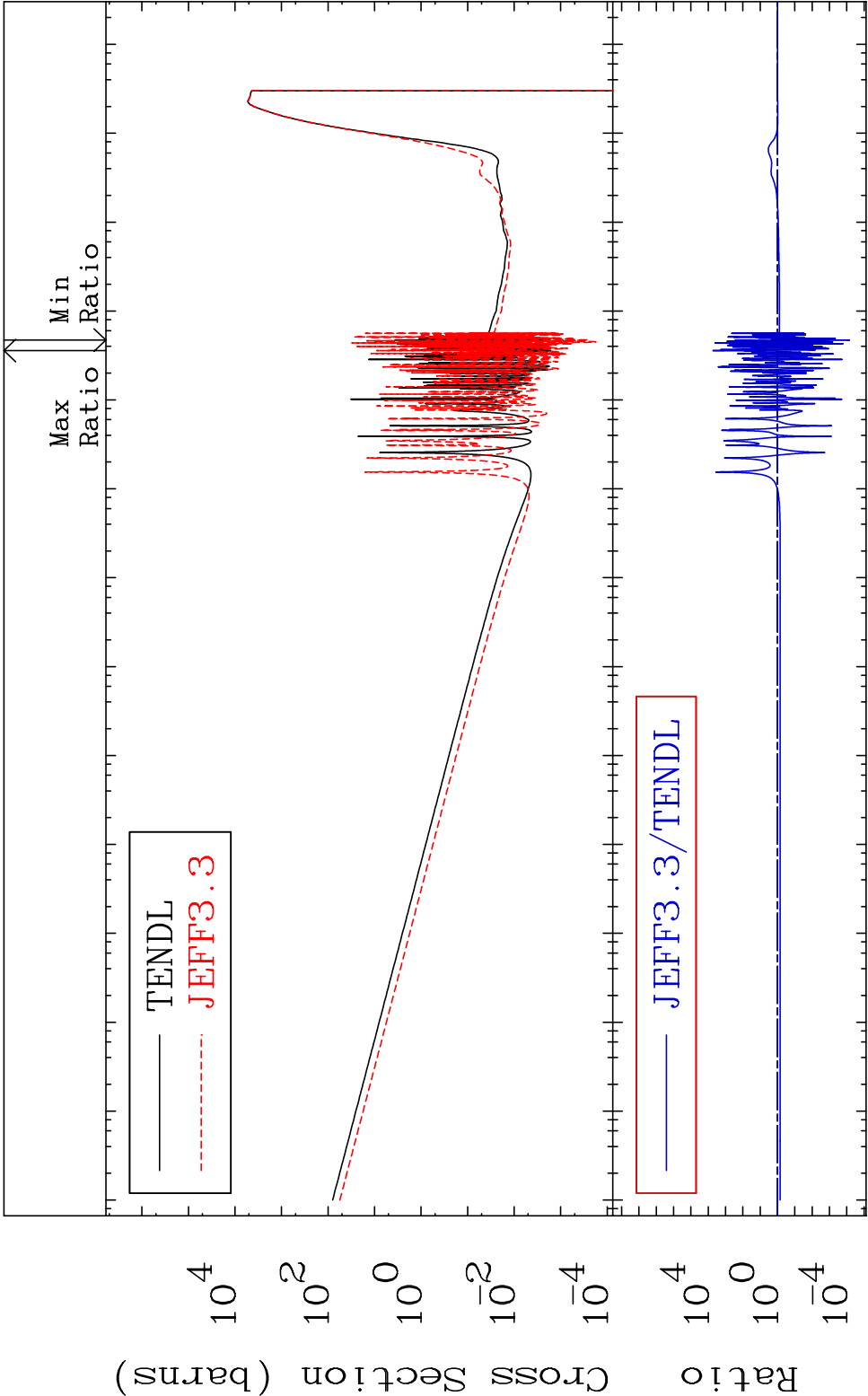
60 Incident Energy (eV) 55-Cs-137

MAT 5537 Dpa elastic (mt2) 55-Cs-137
Cross Section -99.50 To 9999. %





MAT 5537 Dpa disappearance (mt102 -120) 55-Cs-137
Cross Section -99.99 To 9999. %



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

63 Incident Energy (eV) 55-Cs-137

