

Program Complot
(Version 2021-1)

by

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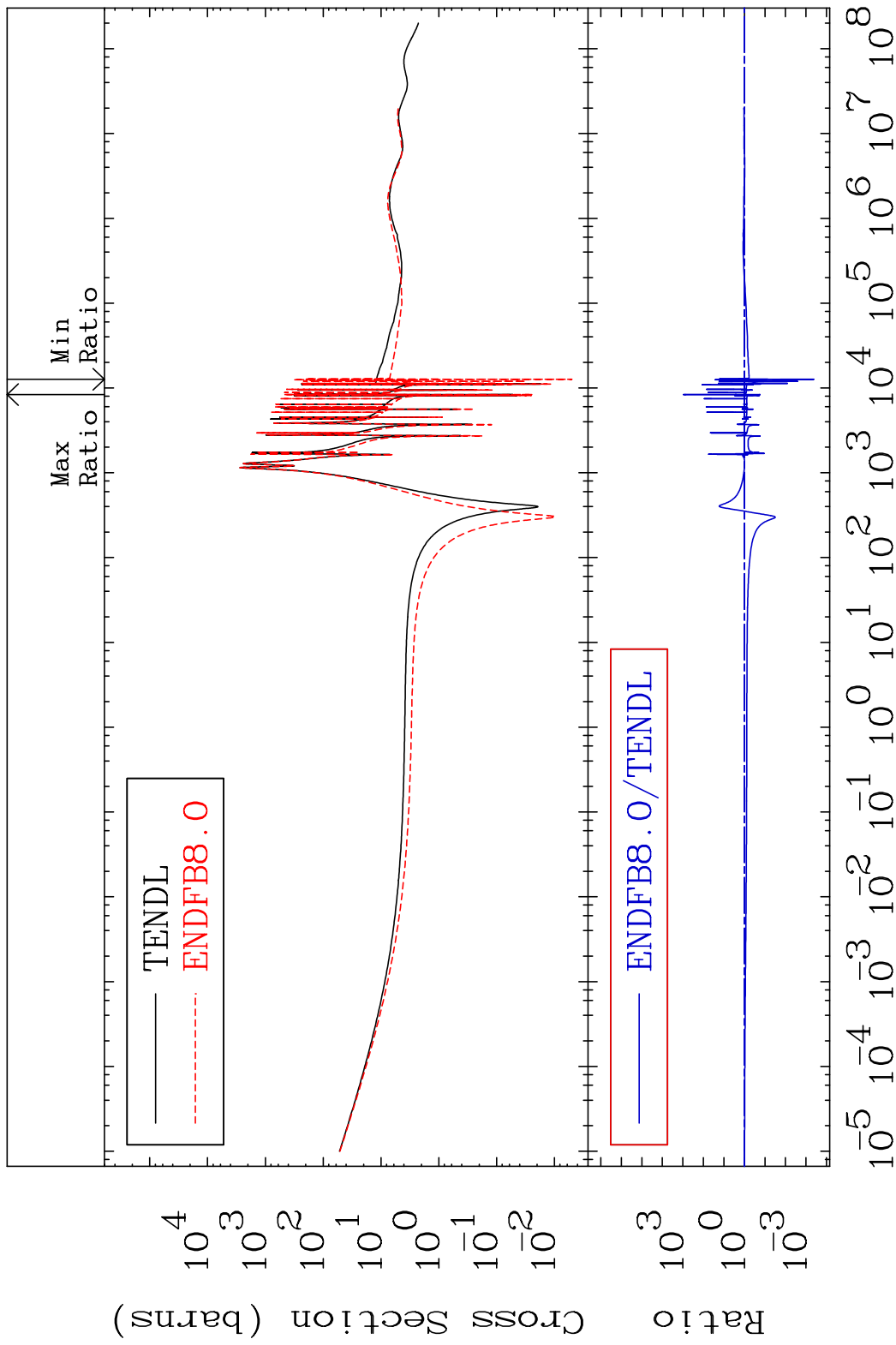
U.S.A.

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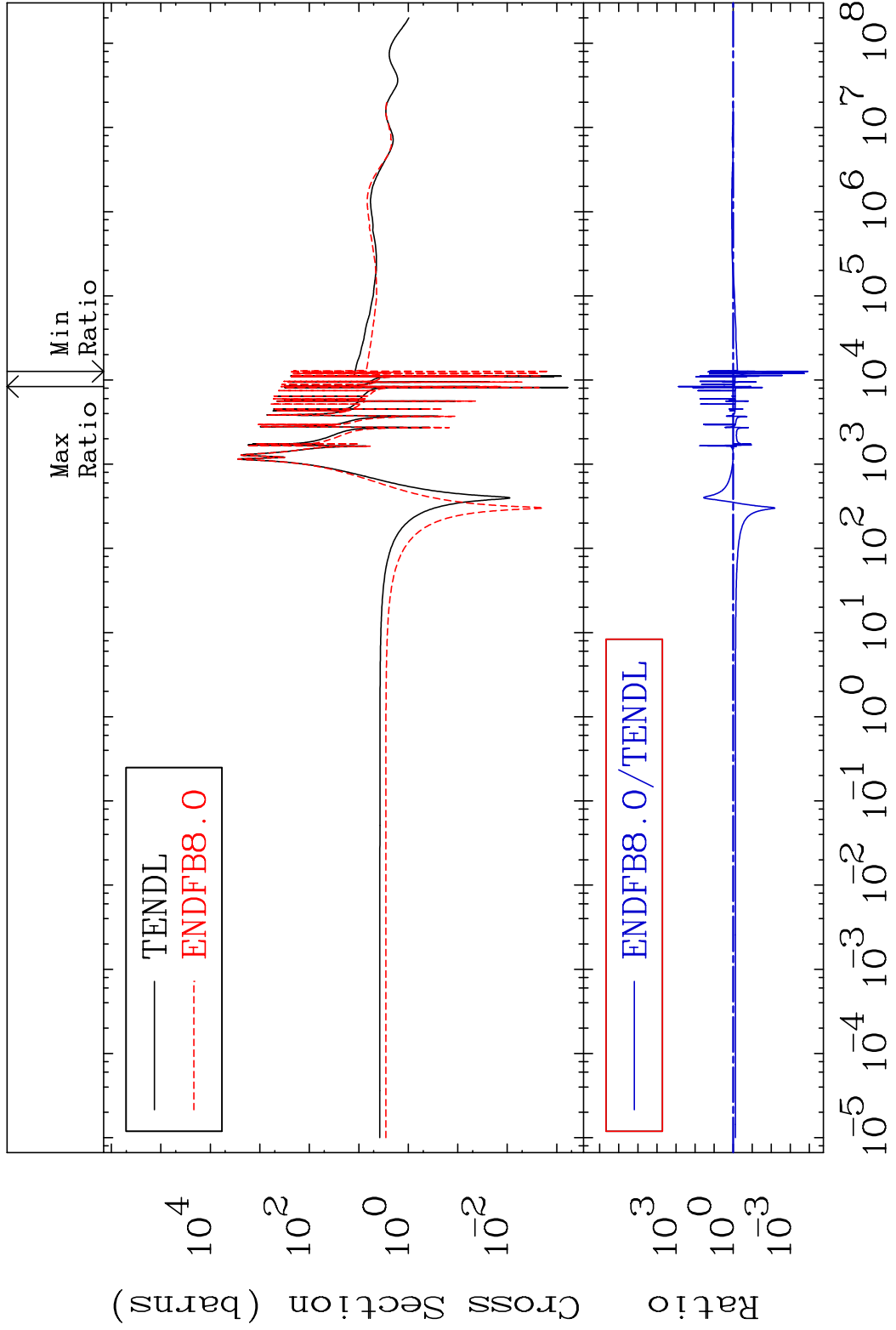
Press Mouse Button to Start

MAT 5843 Total 58-Ce-142
 Cross Section -99.96 To 9999. %



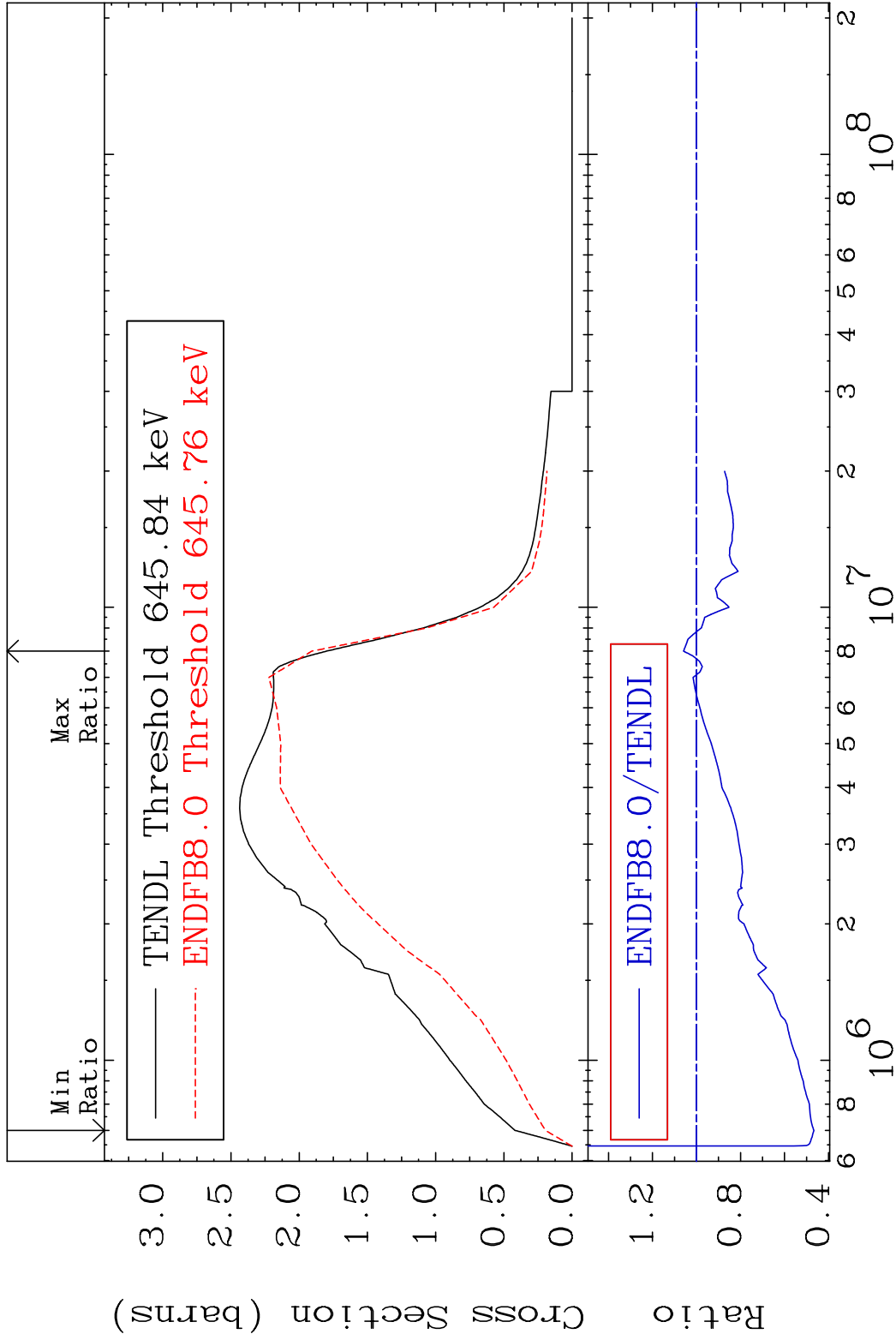
1 Incident Energy (eV) 58-Ce-142

MAT 5843 Elastic Cross Section 58-Ce-142
 -99.99 To 9999. %



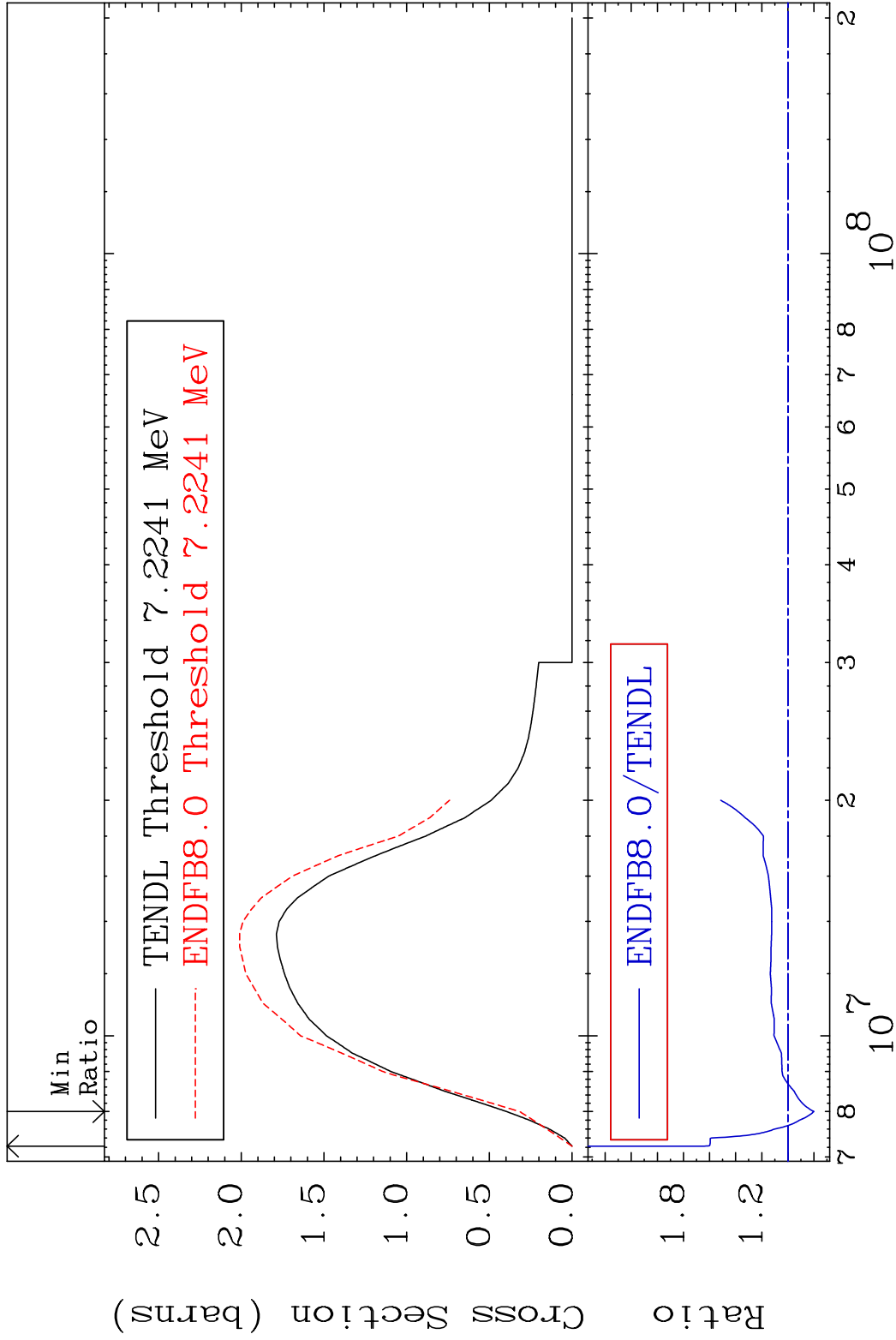
2 Incident Energy (eV) 58-Ce-142

MAT 5843 Inelastic 58-Ce-142
 Cross Section -53.33 To 5.946 %



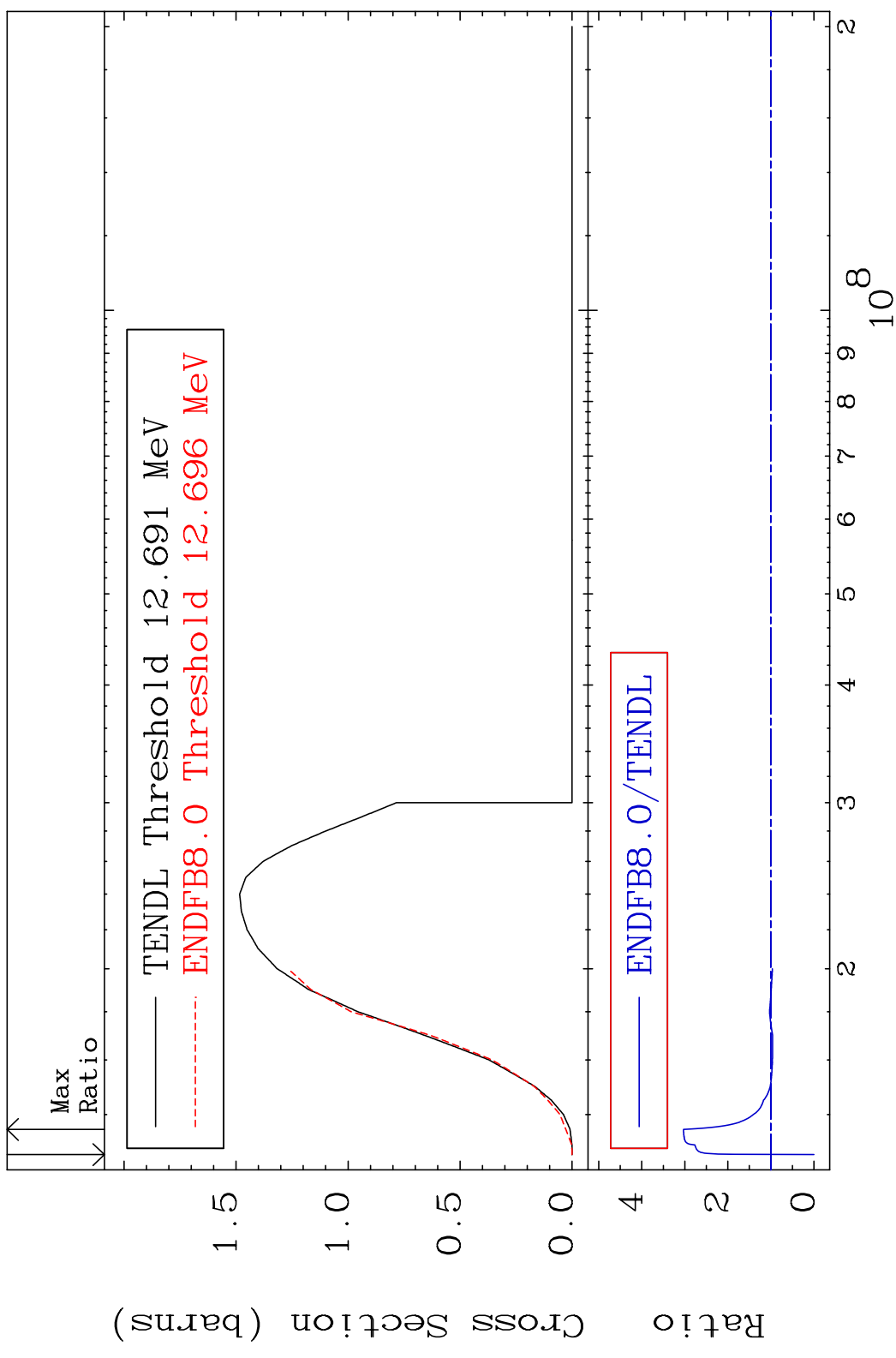
3 Incident Energy (eV) 58-Ce-142

MAT 5843 (n,2n) 58-Ce-142
 Cross Section -19.96 To 79.99 %

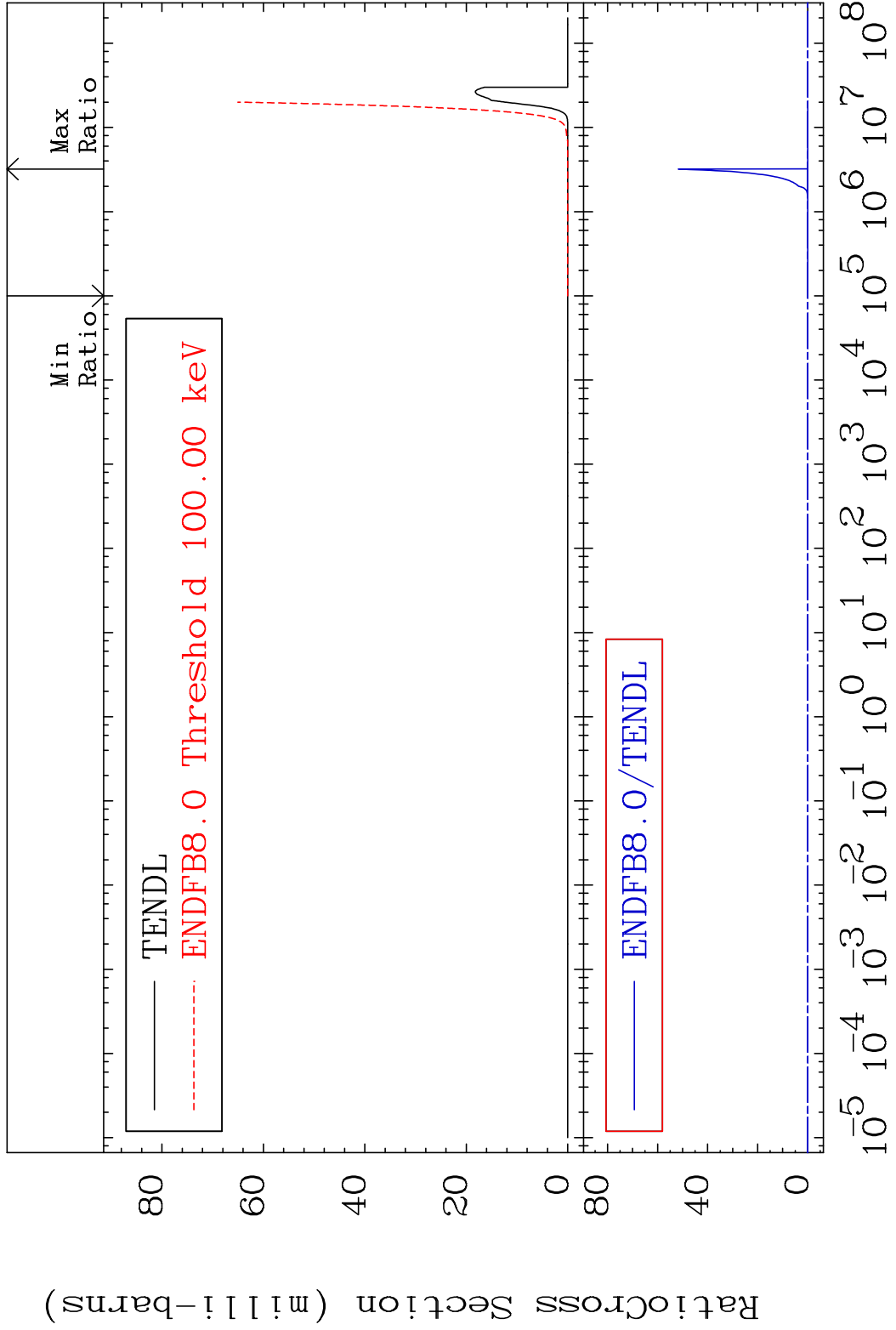


4 Incident Energy (eV) 58-Ce-142

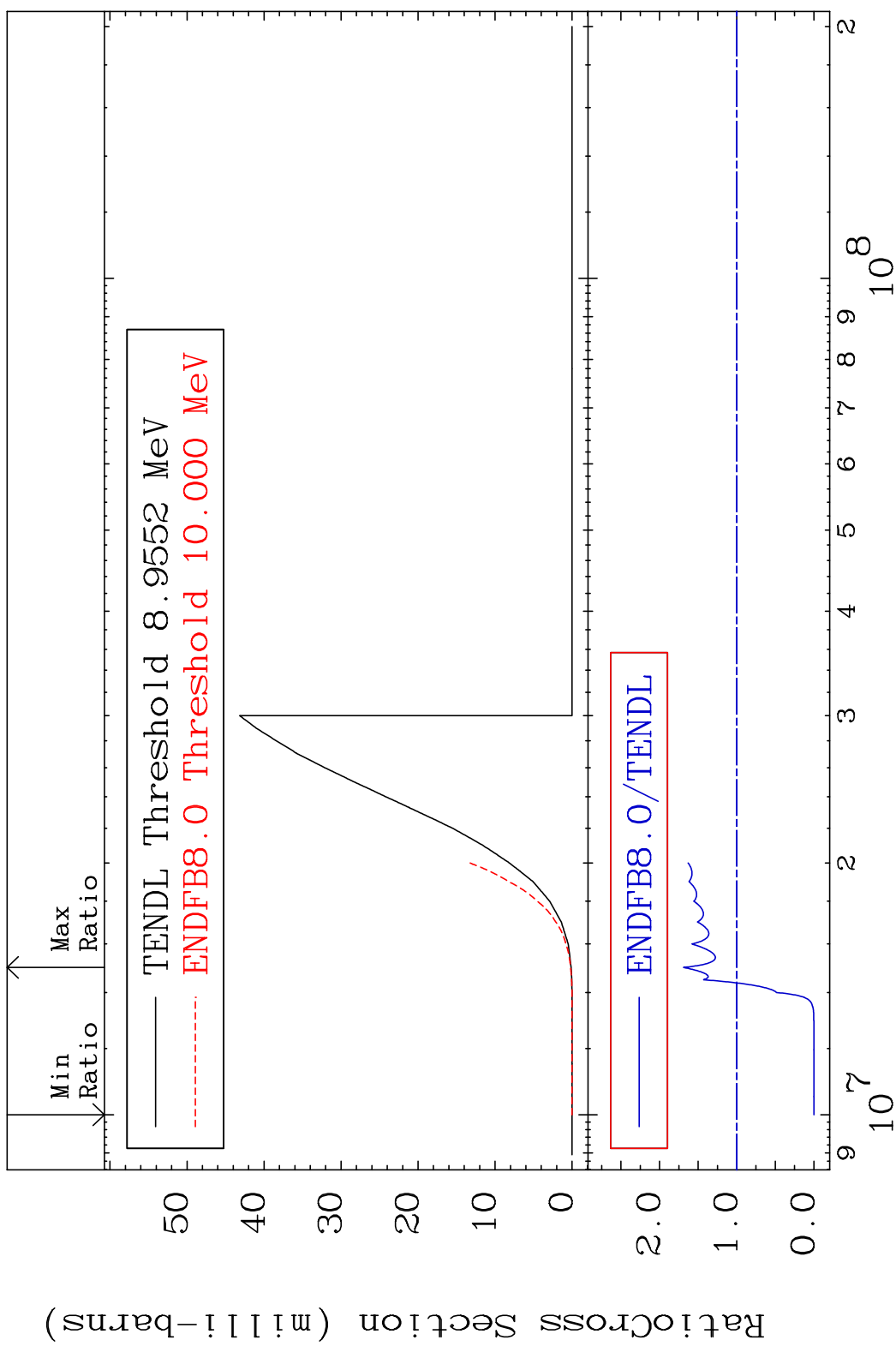
MAT 5843 (n,3n) 58-Ce-142
 Cross Section -100.0 To 203.1 %



MAT 5843 (n, n') α 58-Ce-142
 Cross Section -100.0 To 9999. %

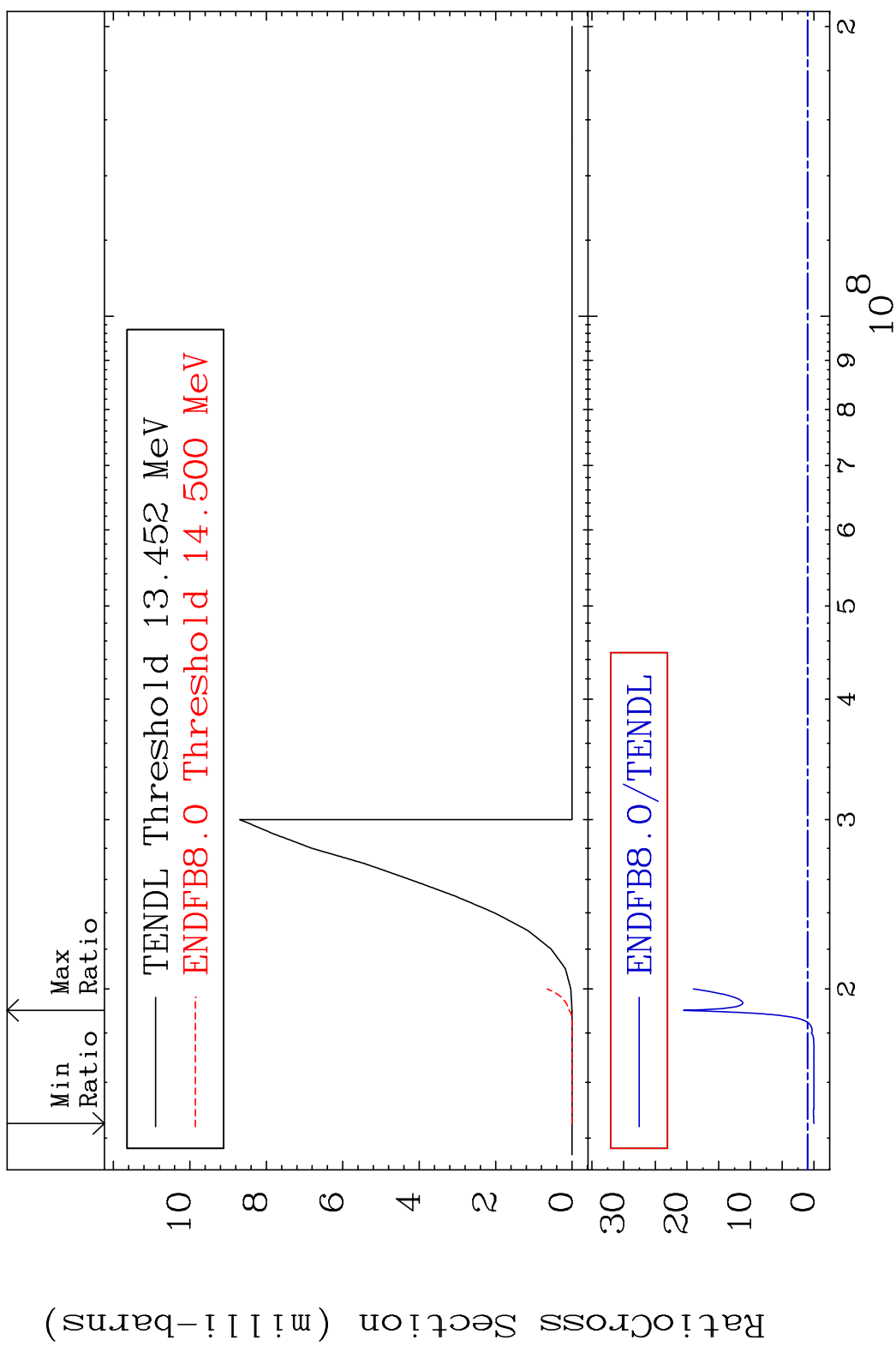


MAT 5843 (n, n') p 58-Ce-142
 Cross Section -100.0 To 69.03 %

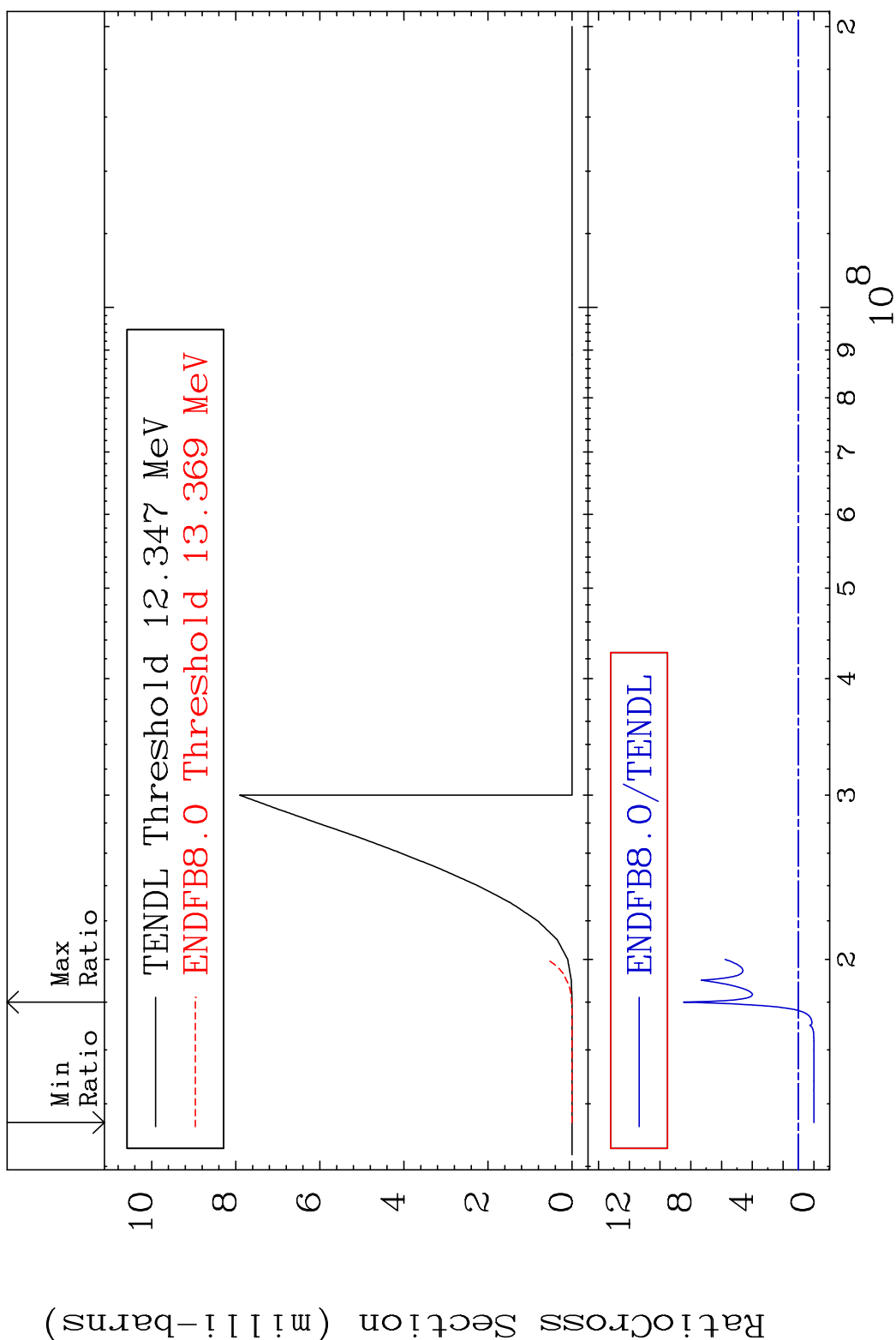


7 Incident Energy (eV) 58-Ce-142

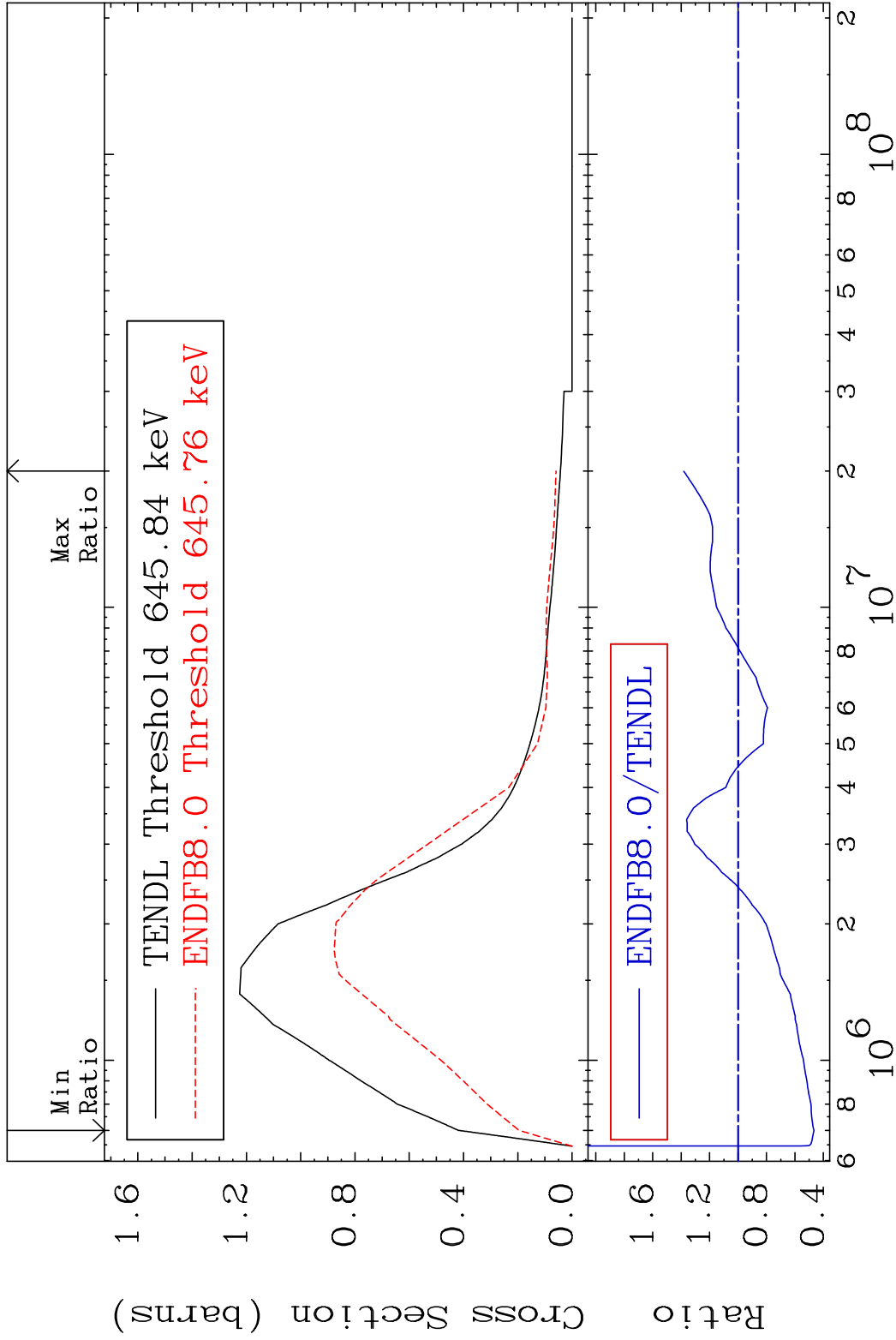
MAT 5843 (n, n') d 58-Ce-142
 Cross Section -100.0 To 1956. %



MAT 5843 (n, n') t 58-Ce-142
 Cross Section -100.0 To 747.8 %

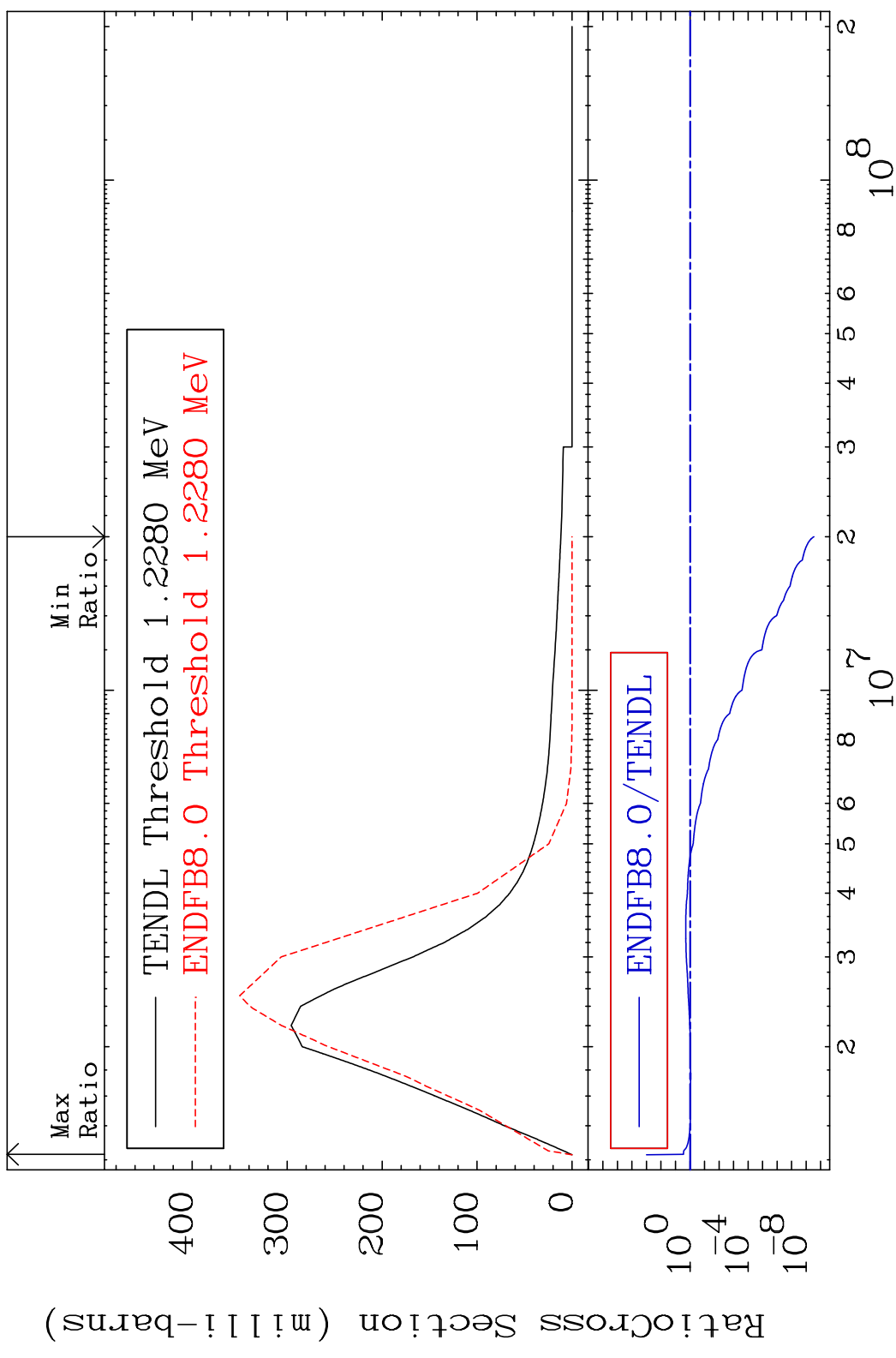


MAT 5843 MT= 51 (n, n') Level 58-Ce-142
 Cross Section -53.33 To 38.40 %



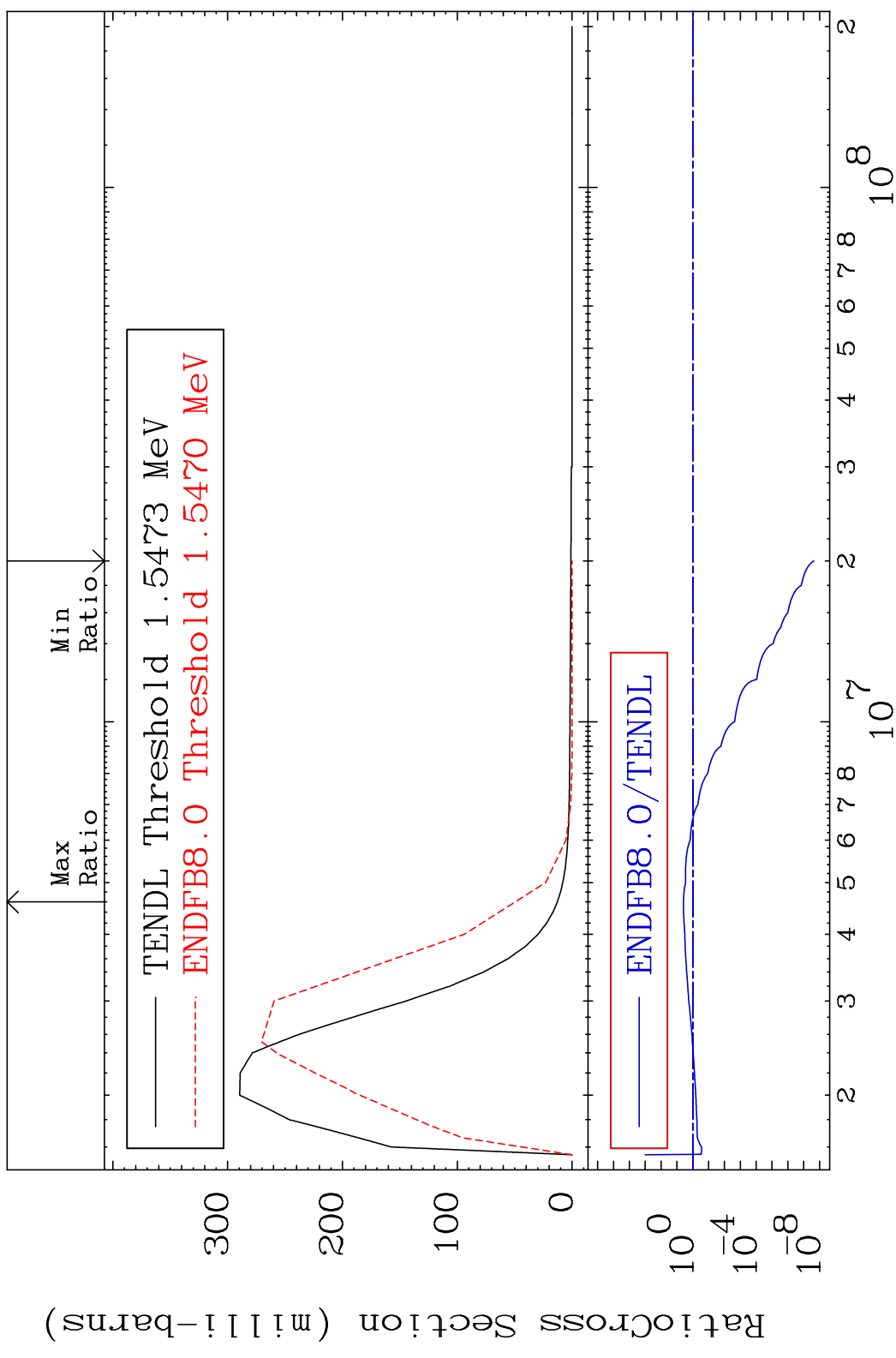
10 58-Ce-142

MAT 5843 MT= 52 (n, n') Level 58-Ce-142
 Cross Section -100.0 To 182.7 %



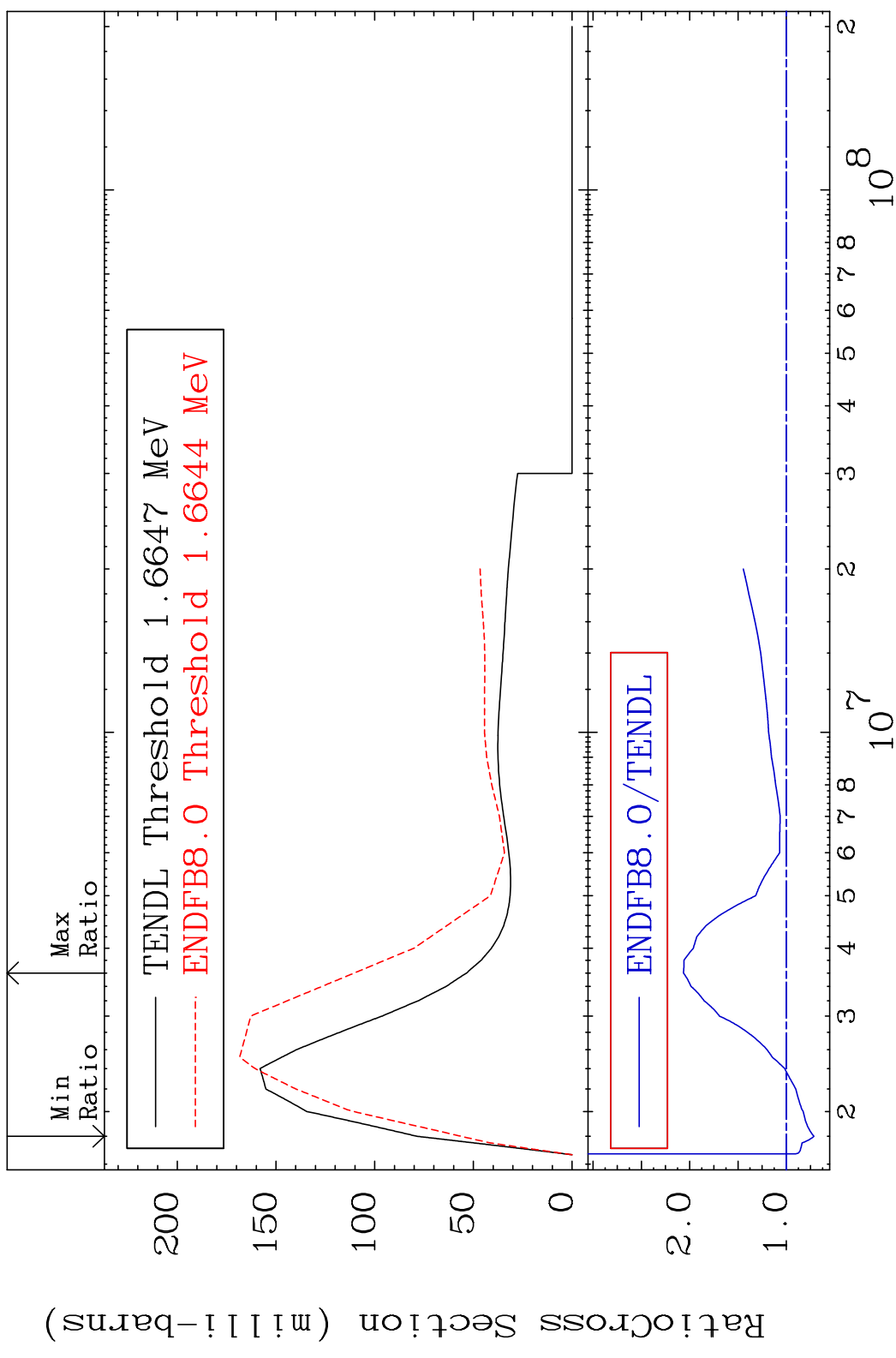
11 Incident Energy (eV) 58-Ce-142

MAT 5843 MT= 53 (n, n') Level 58-Ce-142
 Cross Section -100.0 To 285.7 %



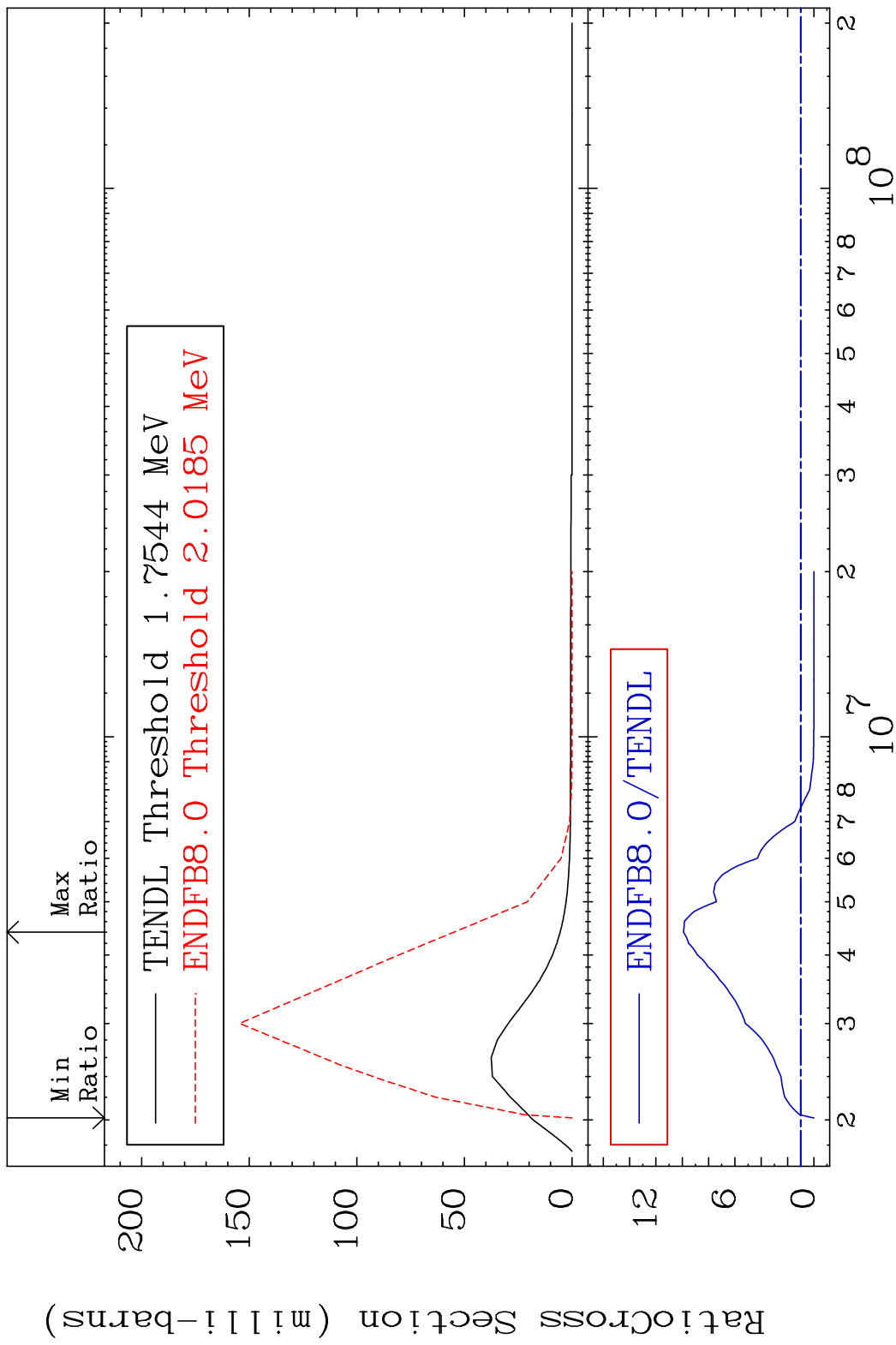
12 Incident Energy (eV) 58-Ce-142

MAT 5843 MT= 54 (n, n') Level 58-Ce-142
 Cross Section -28.58 To 106.4 %



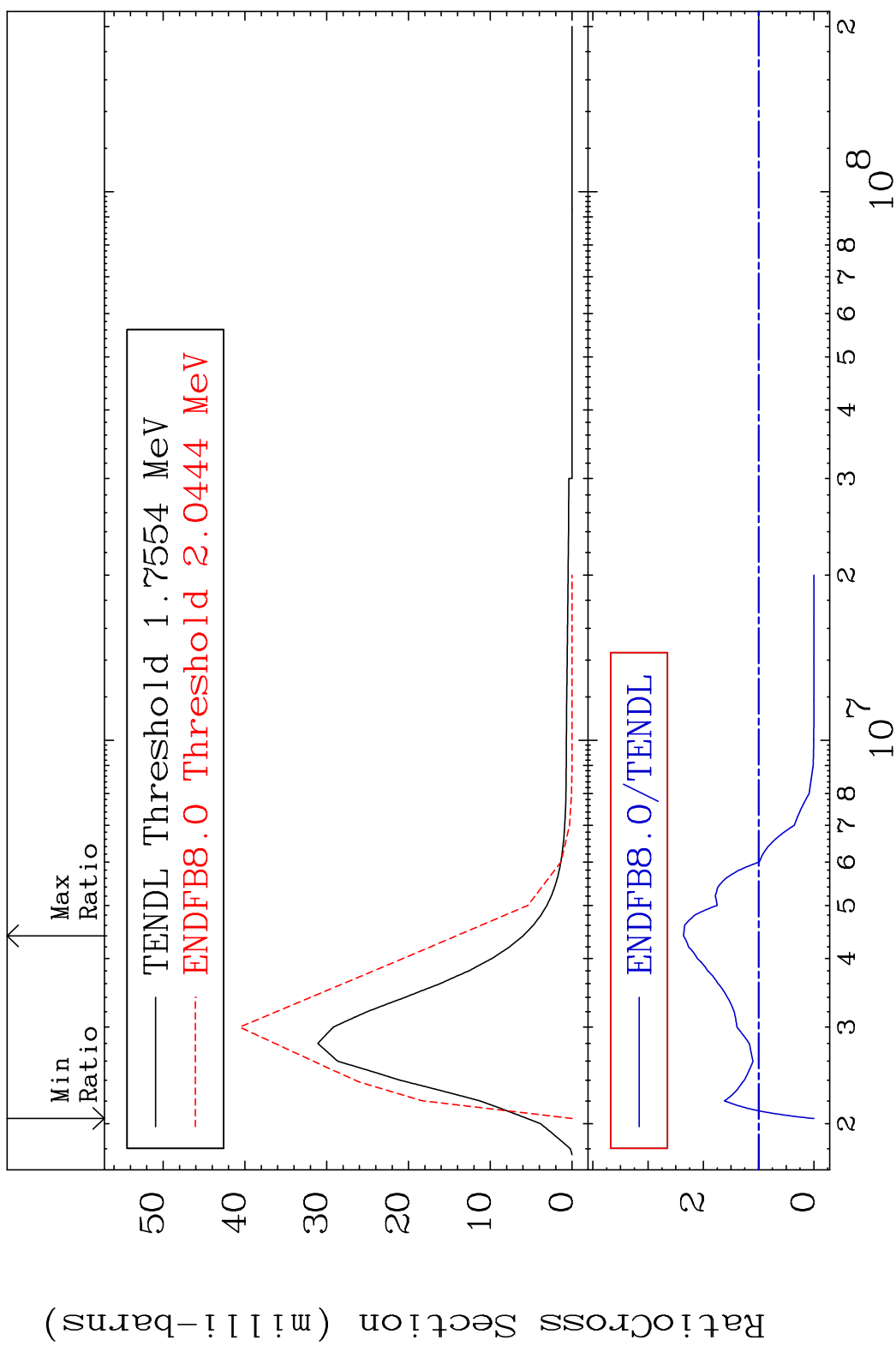
13 Incident Energy (eV) 58-Ce-142

MAT 5843 MT= 55 (n, n') Level 58-Ce-142
 Cross Section -100.0 To 890.8 %



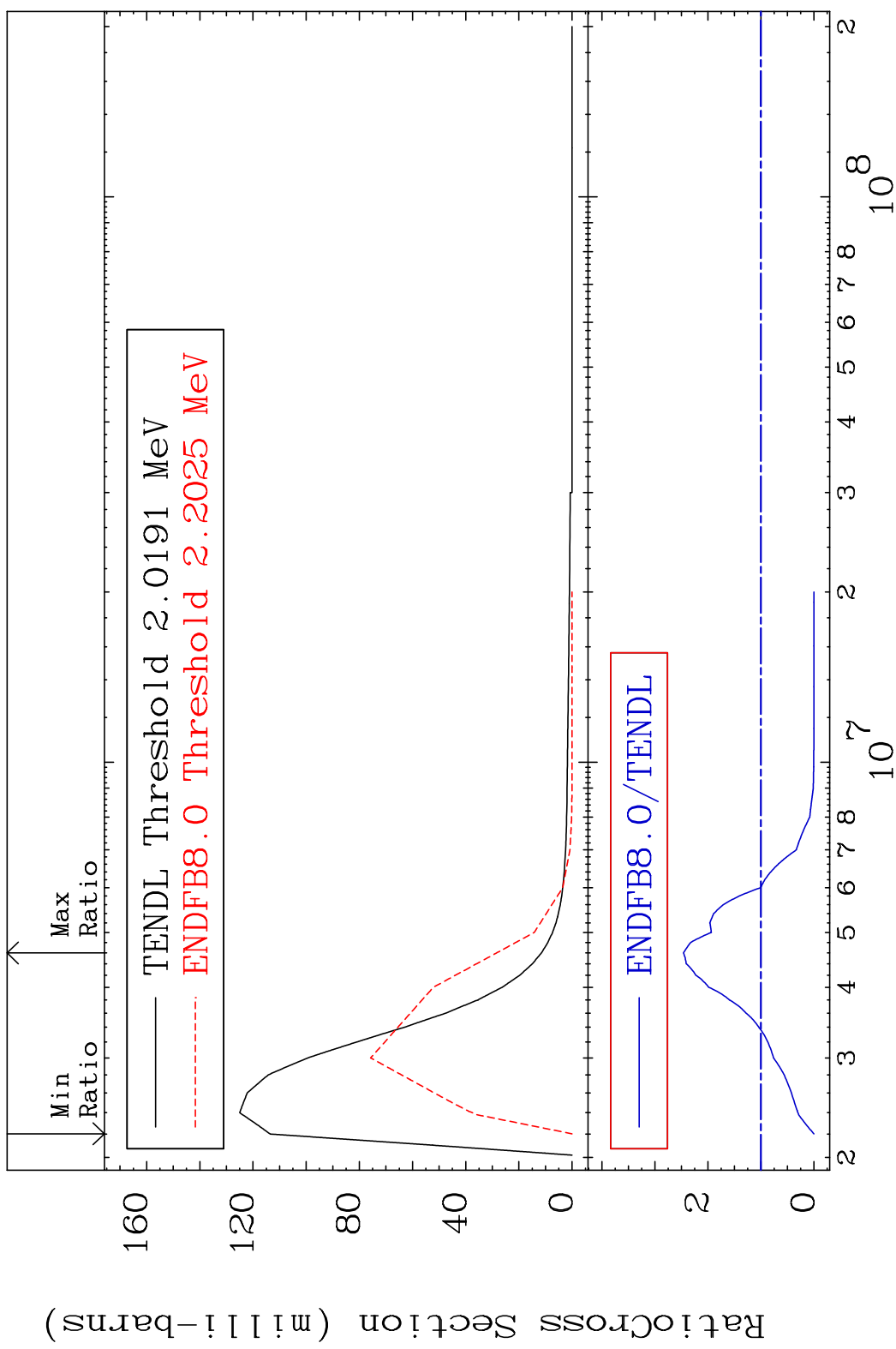
14 Incident Energy (eV) 58-Ce-142

MAT 5843 MT= 56 (n, n') Level 58-Ce-142
 Cross Section -100.0 To 136.1 %



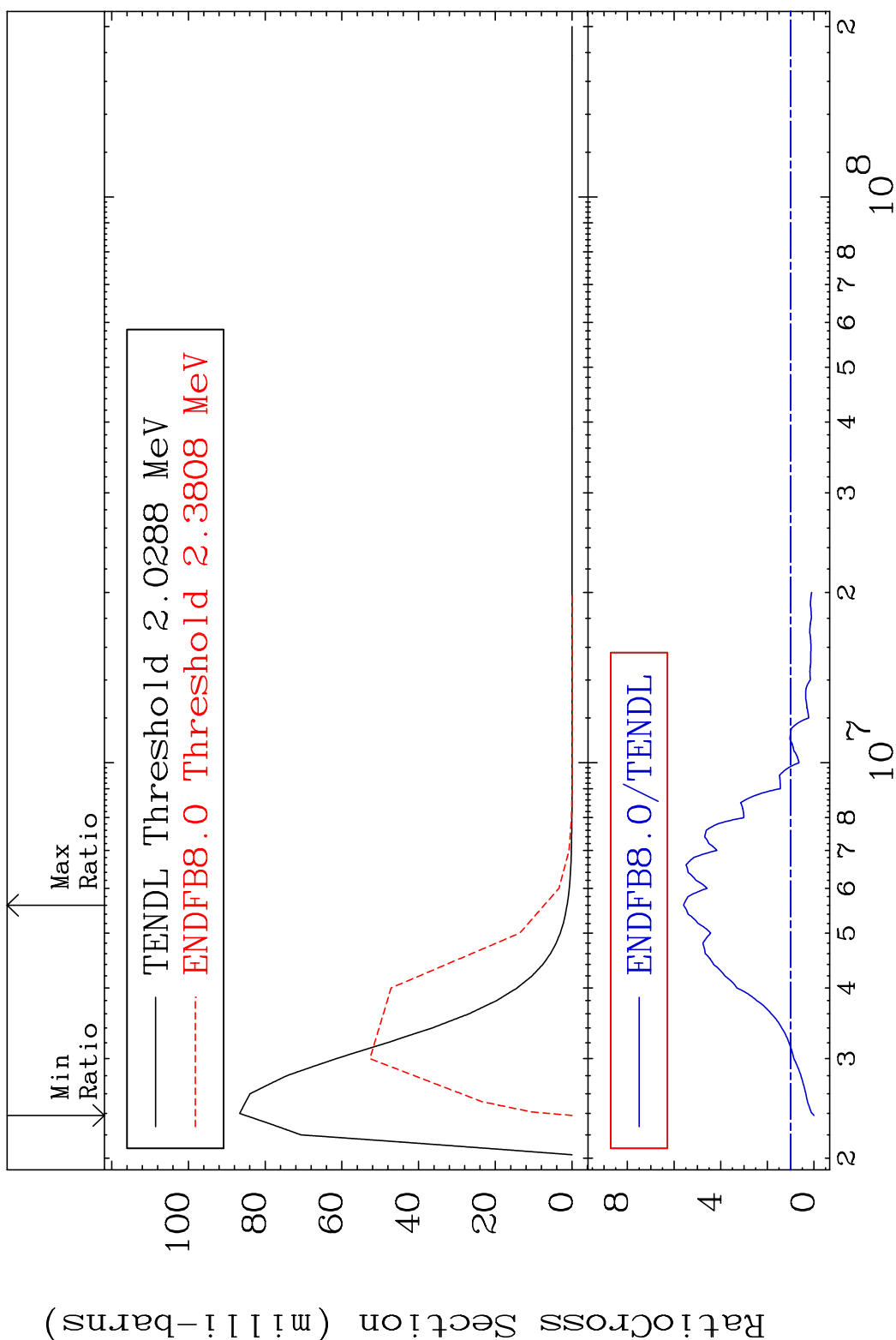
15 Incident Energy (eV) 58-Ce-142

MAT 5843 MT= 57 (n, n') Level 58-Ce-142
 Cross Section -100.0 To 146.2 %



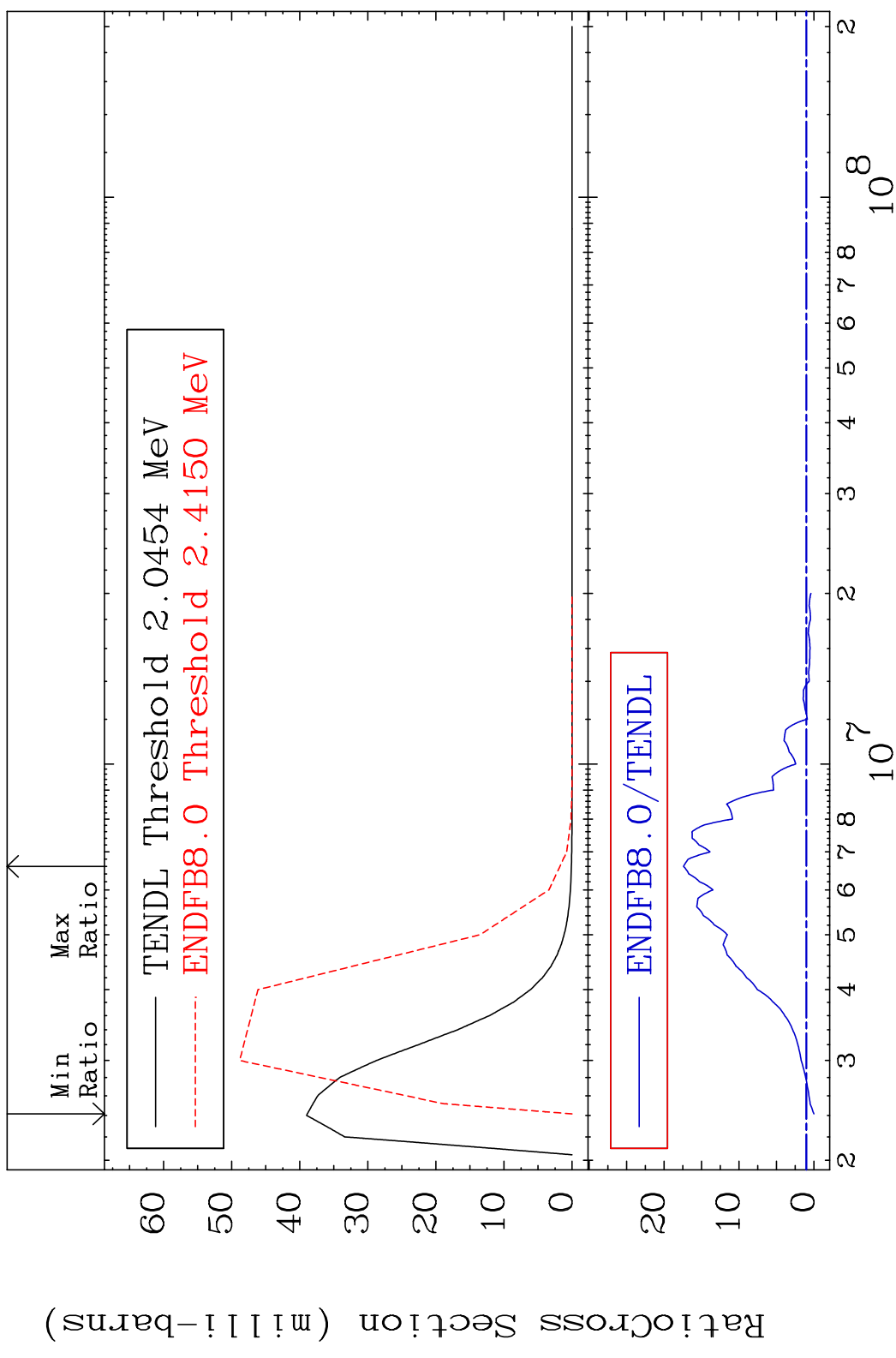
16 Incident Energy (eV) 58-Ce-142

MAT 5843 MT= 58 (n, n') Level 58-Ce-142
 Cross Section -100.0 To 459.5 %



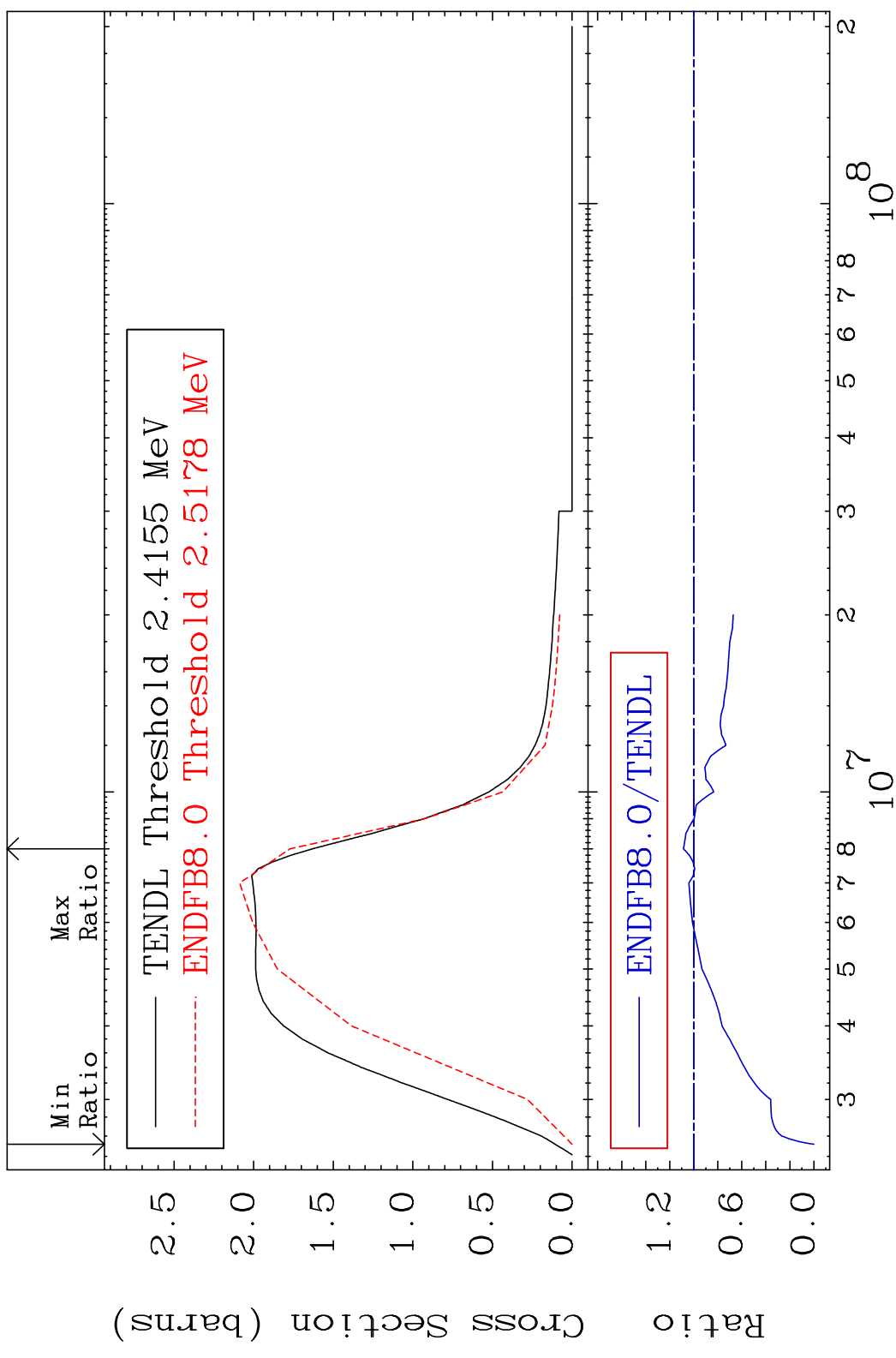
17 Incident Energy (eV) 58-Ce-142

MAT 5843 MT= 59 (n, n') Level 58-Ce-142
 Cross Section -100.0 To 1641. %

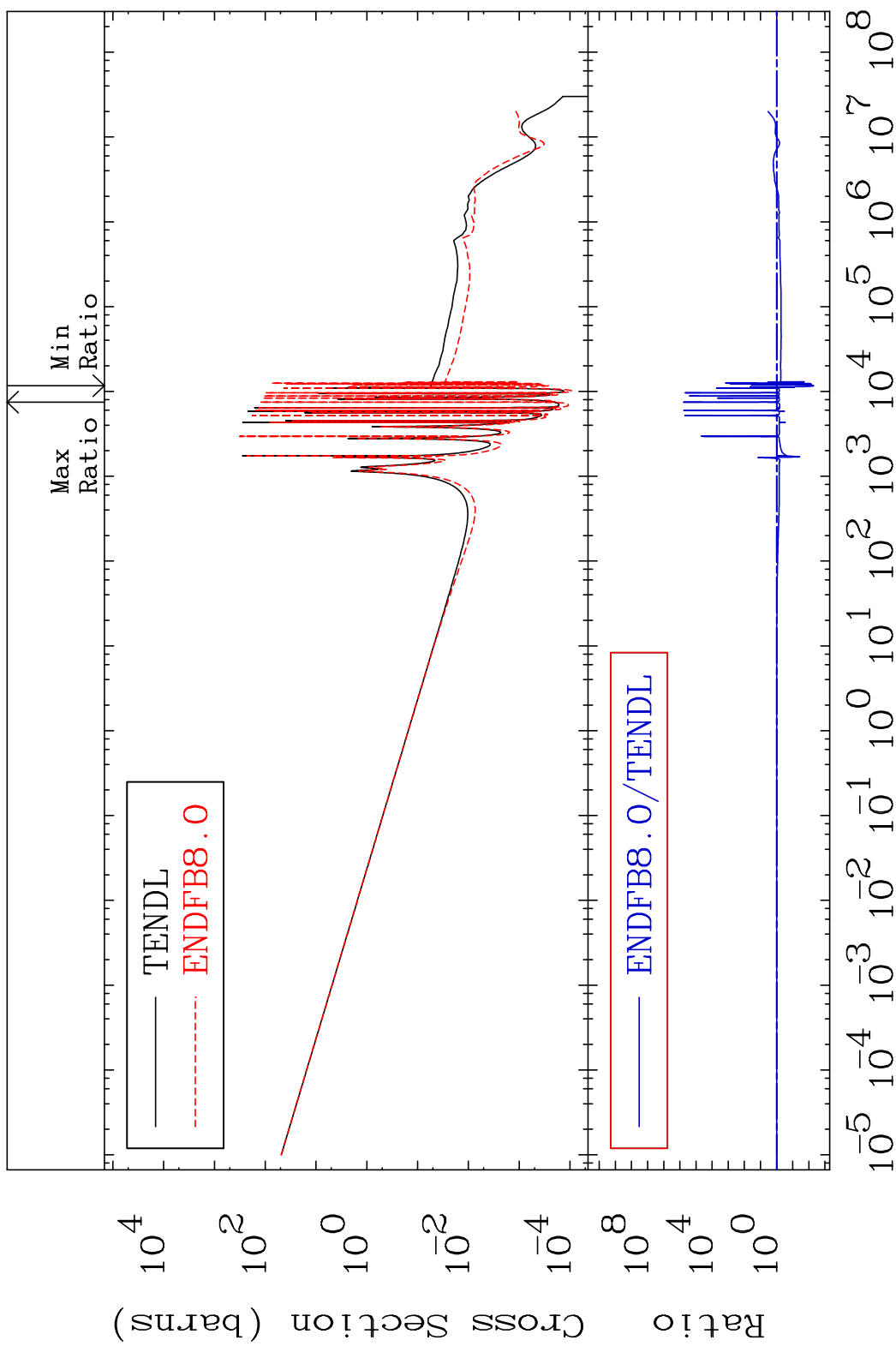


18 Incident Energy (eV) 58-Ce-142

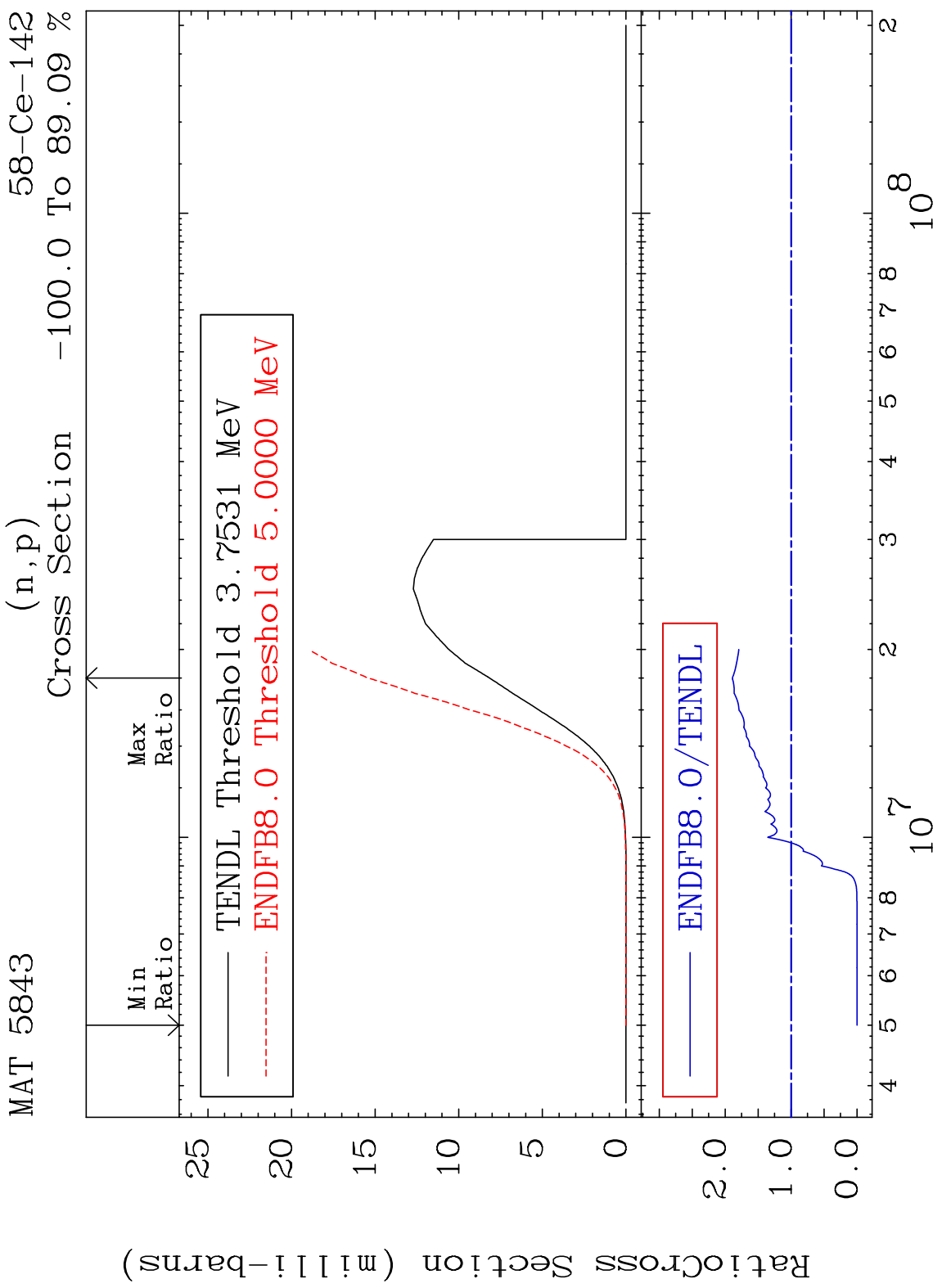
MAT 5843 (n,n') Continuum 58-Ce-142
 Cross Section -100.0 To 8.594 %

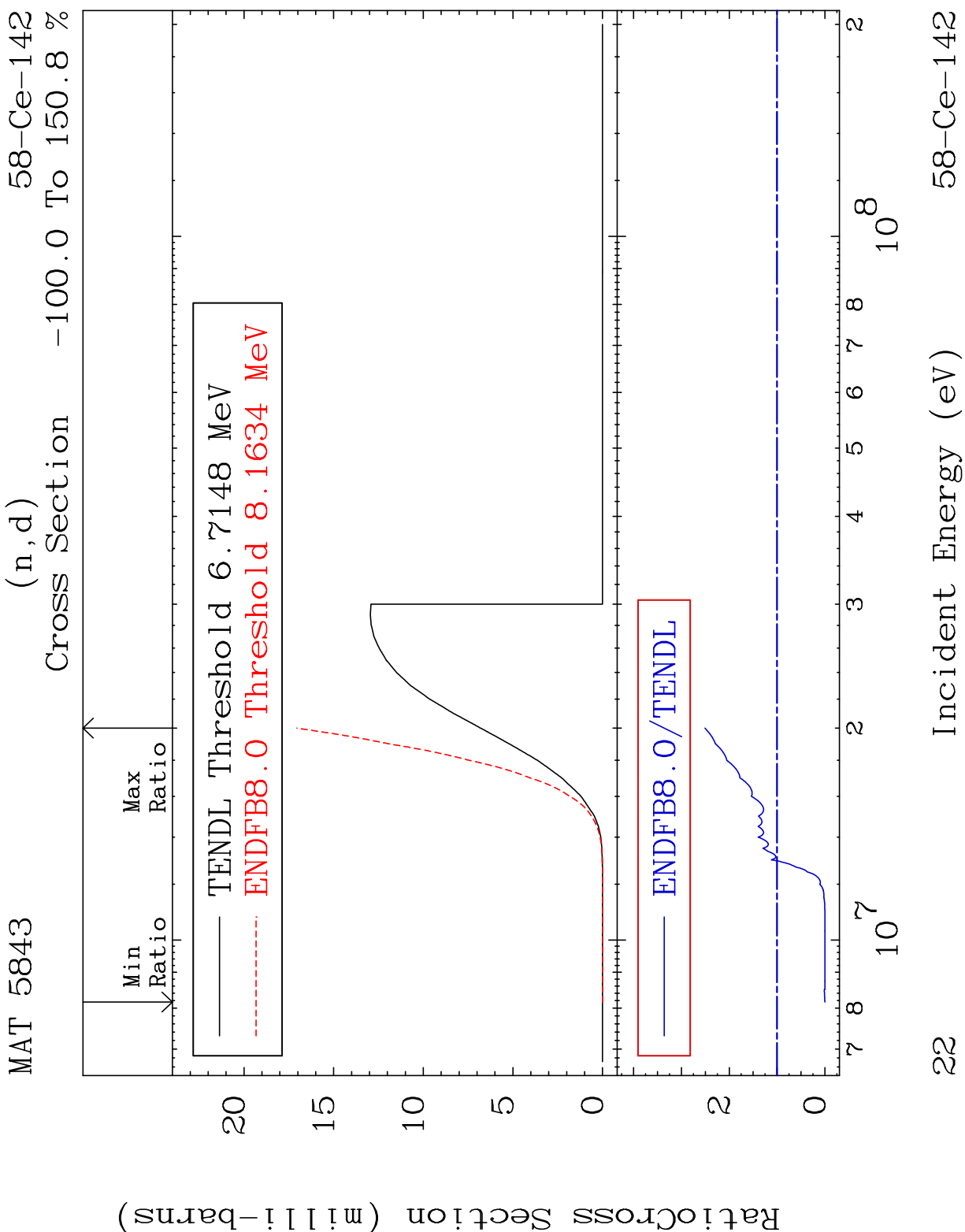


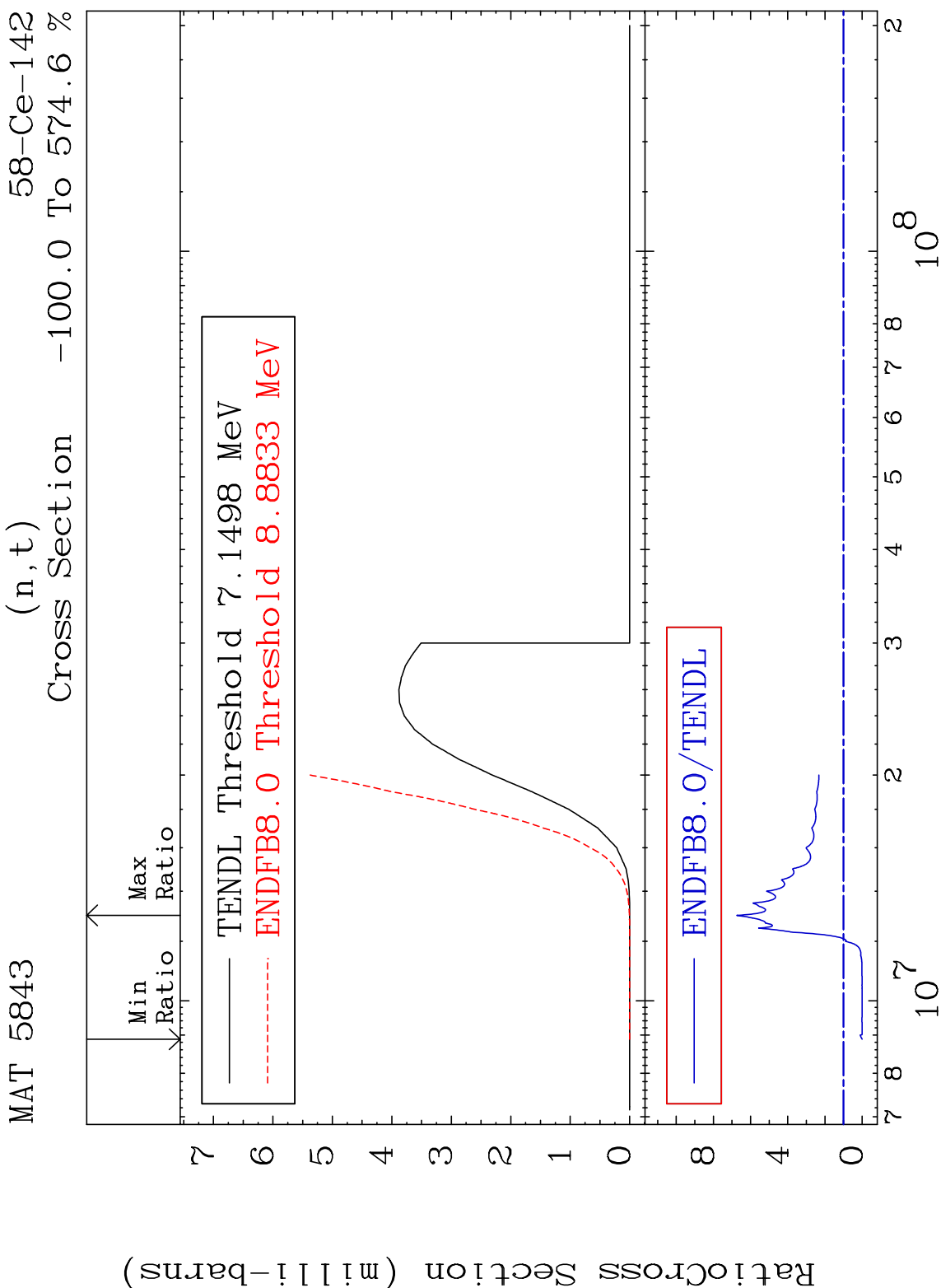
MAT 5843 (n, γ) 58-Ce-142
 Cross Section -99.51 To 9999. %



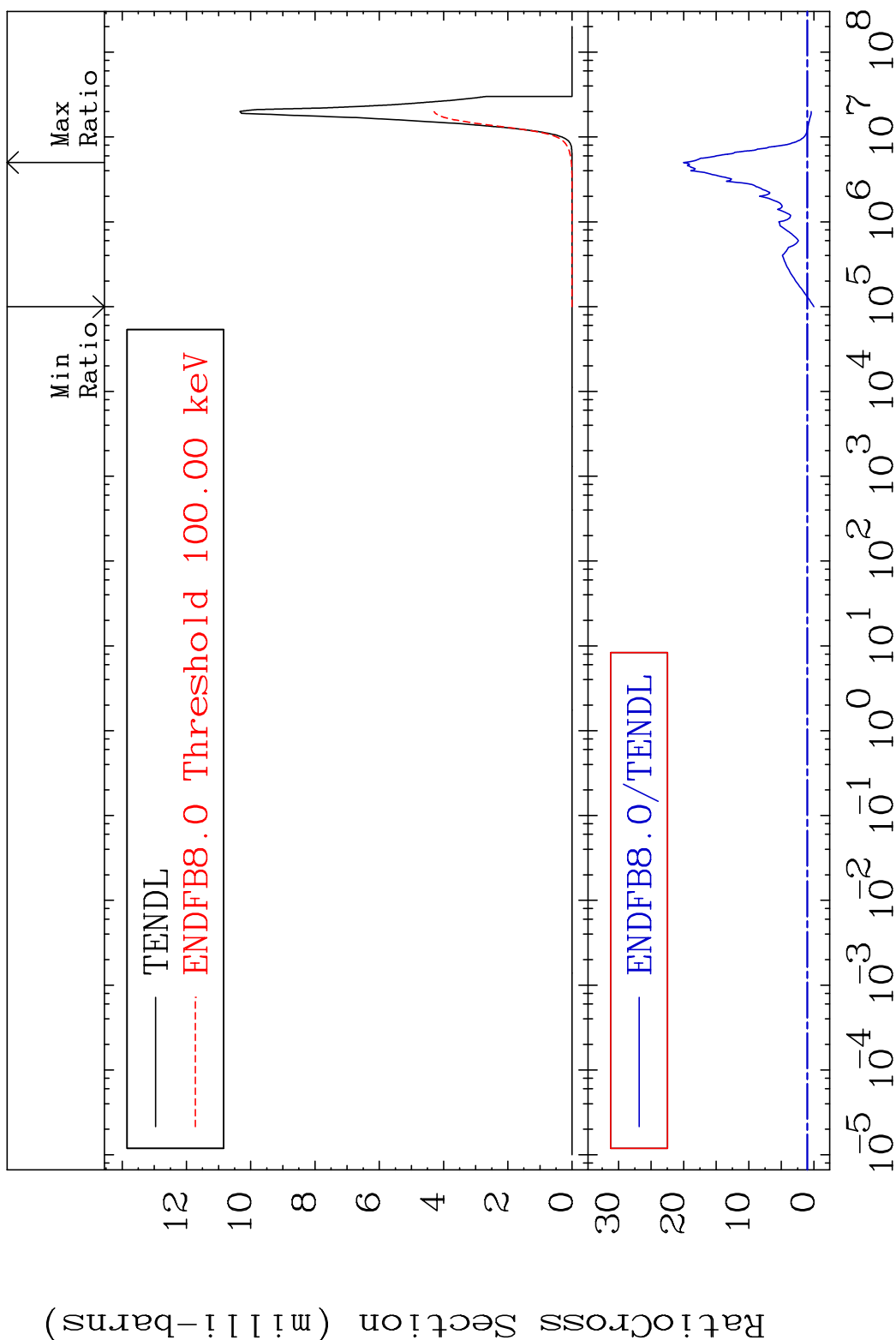
20 Incident Energy (eV) 58-Ce-142





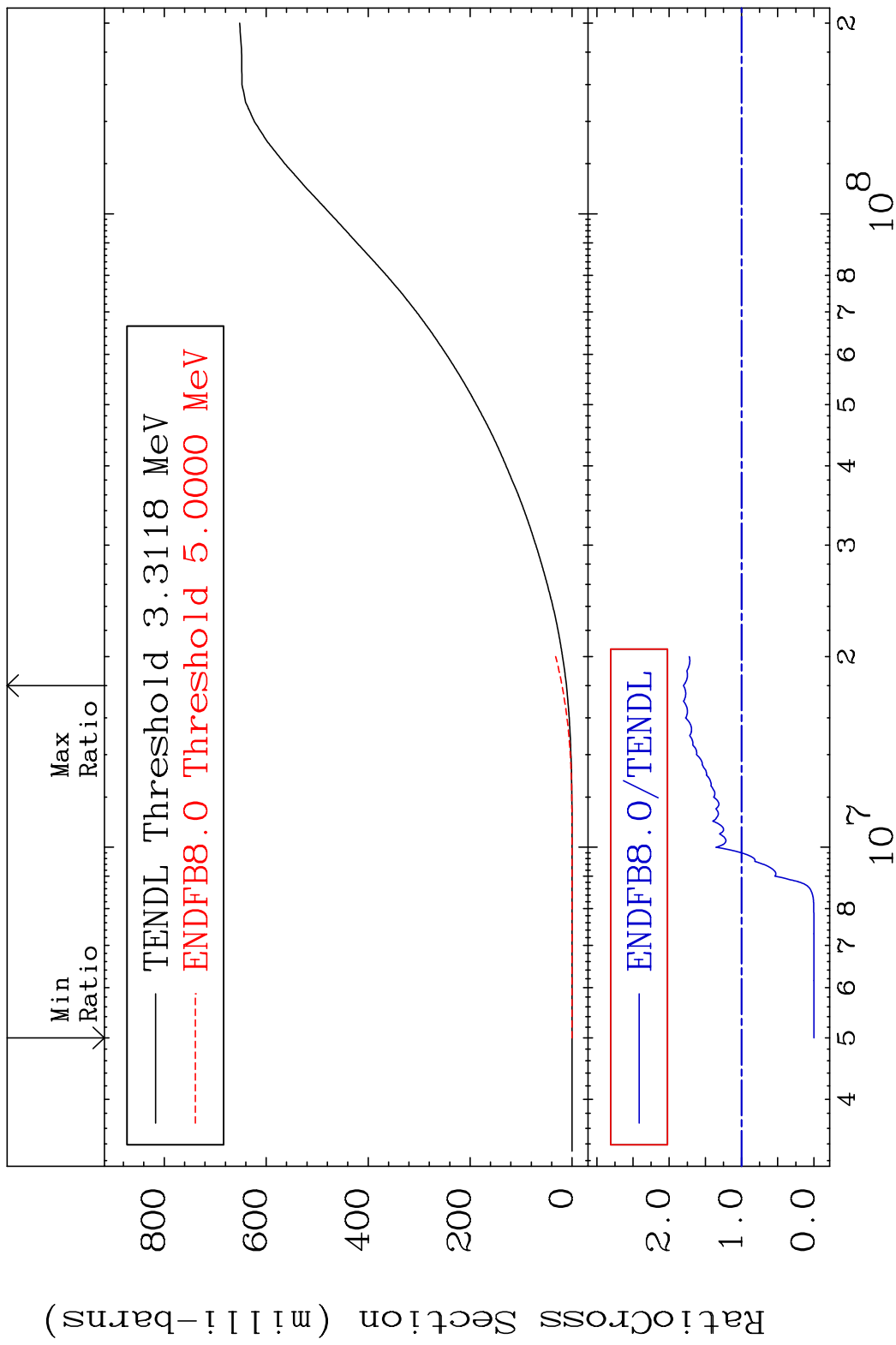


MAT 5843 (n, α) 58-Ce-142
 Cross Section -100.0 To 1903. %



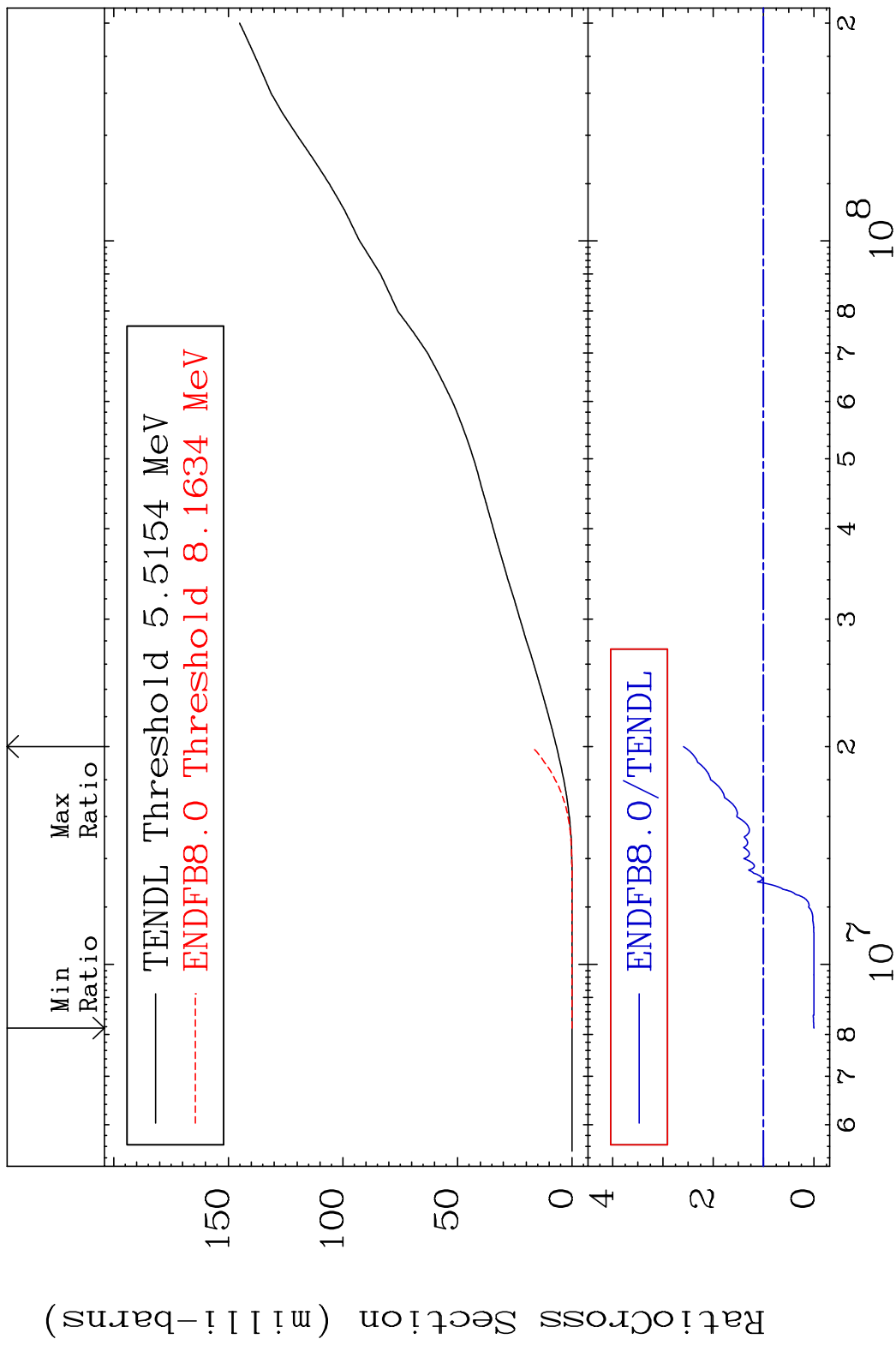
24 Incident Energy (eV) 58-Ce-142

MAT 5843 Hydrogen Production 58-Ce-142
 Cross Section -100.0 To 80.26 %



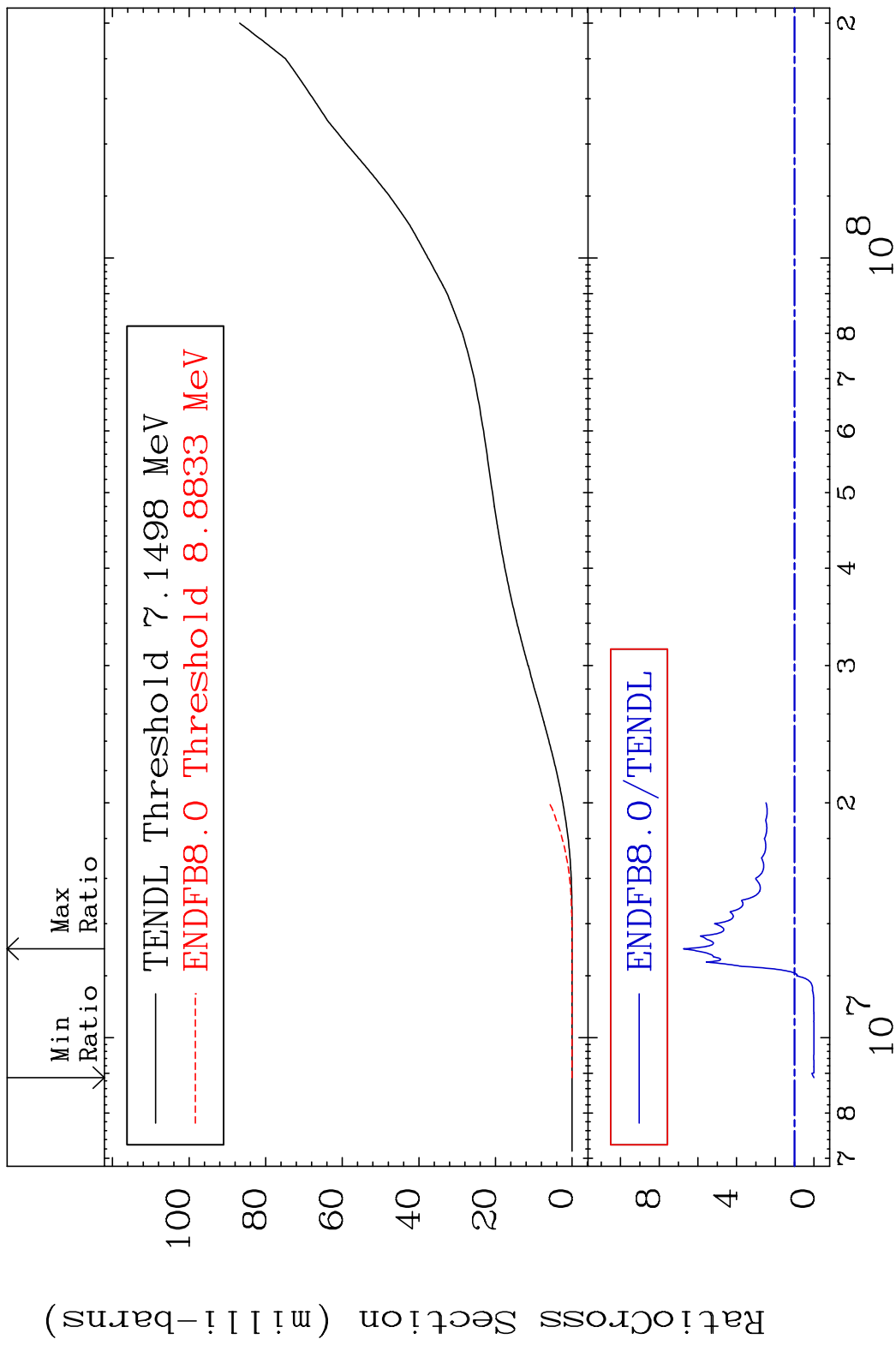
25 Incident Energy (eV) 58-Ce-142

MAT 5843 Deuterium Production 58-Ce-142
 Cross Section -100.0 To 159.2 %



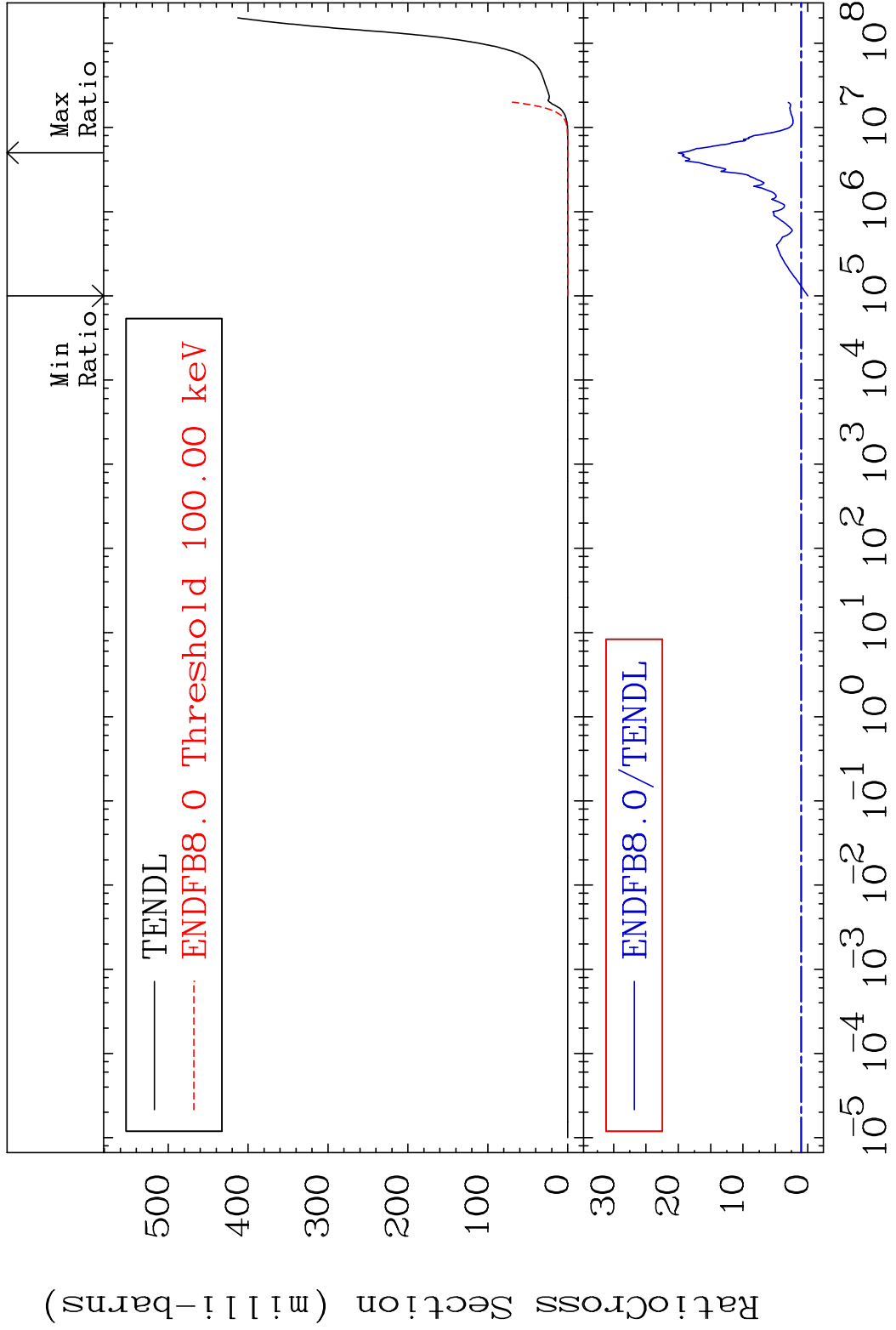
26 Incident Energy (eV) 58-Ce-142

MAT 5843 Tritium Production 58-Ce-142
 Cross Section -100.0 To 574.6 %



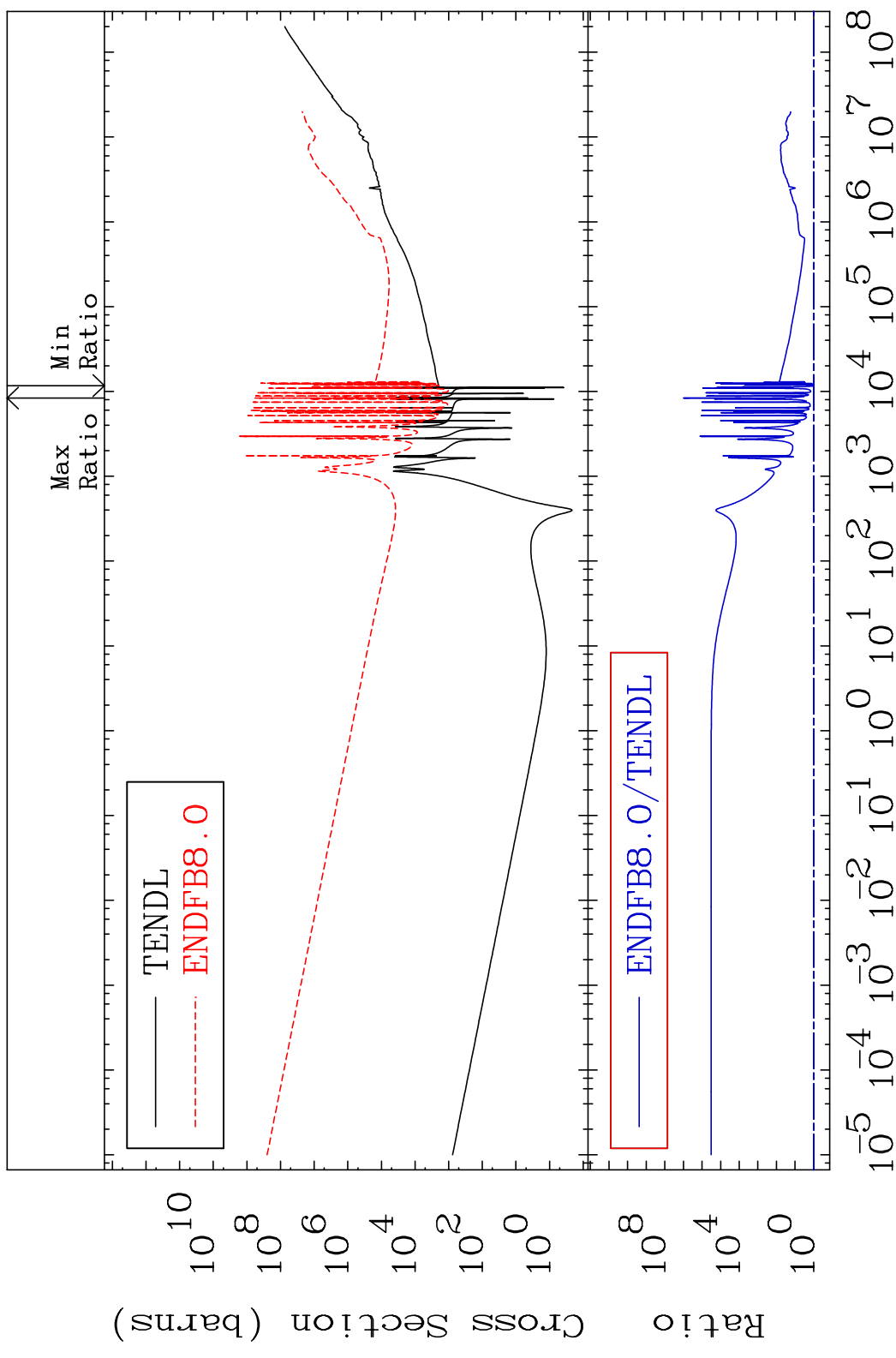
27 58-Ce-142

MAT 5843 He-4 Production 58-Ce-142
 Cross Section -100.0 To 1901. %



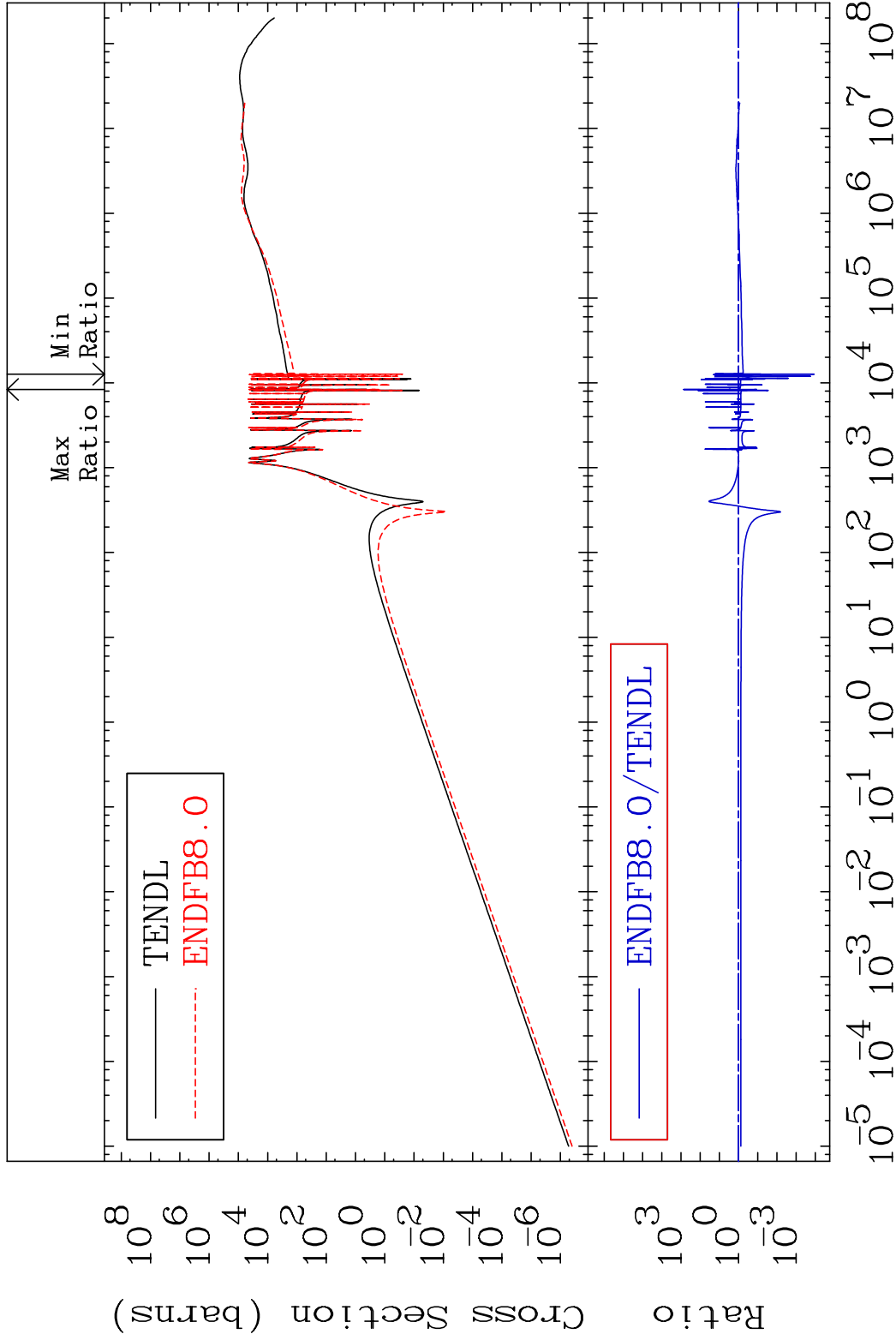
28 Incident Energy (eV) 58-Ce-142

MAT 5843 Kerma total (eV-barns) 58-Ce-142
 Cross Section -2.690 To 9999. %



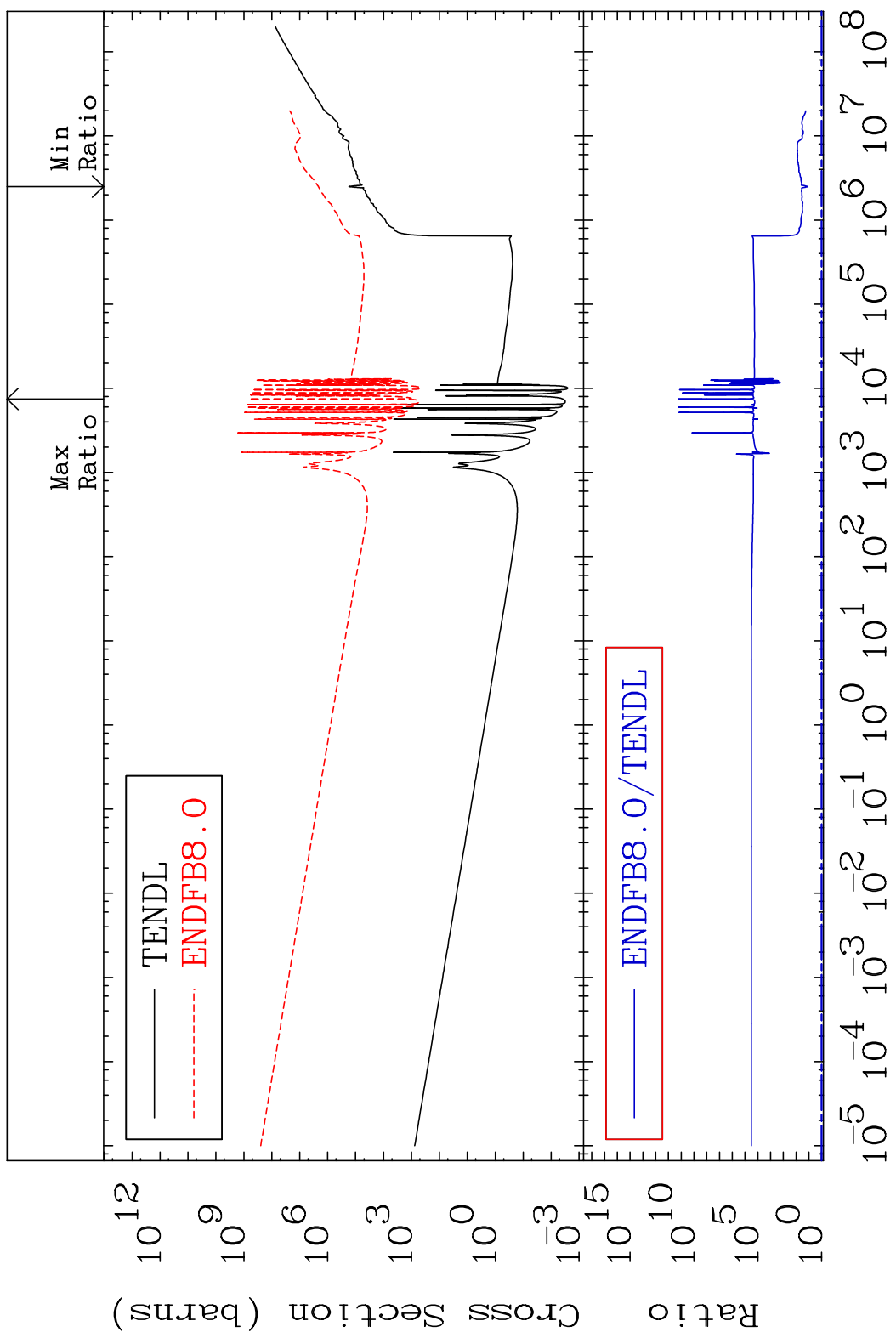
29 Incident Energy (eV) 58-Ce-142

MAT 5843 Kerma elastic 58-Ce-142
 Cross Section -99.99 To 9999. %



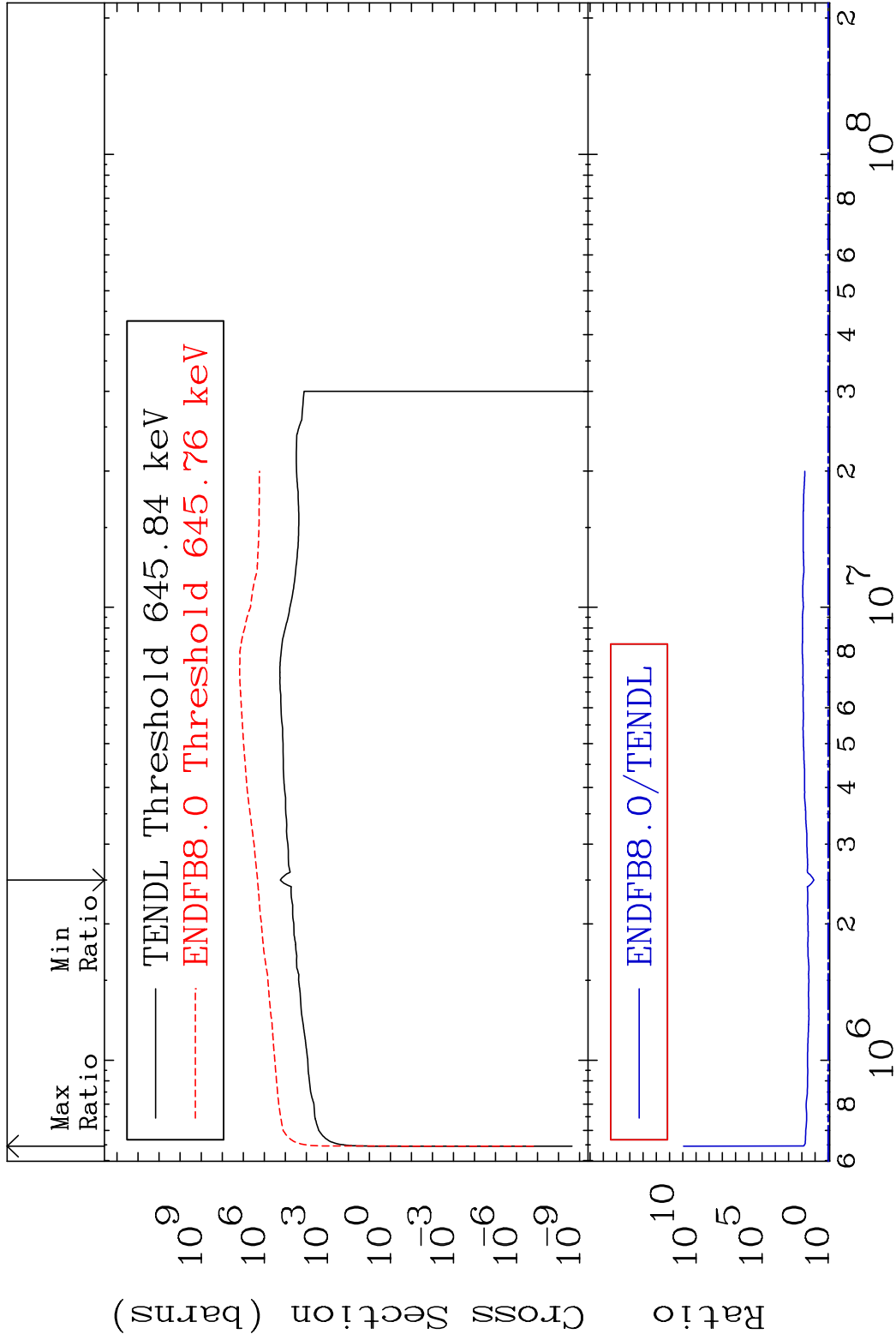
30 Incident Energy (eV) 58-Ce-142

MAT 5843 Kerma non-elastic (all but mt2) 58-Ce-142
 Cross Section 1146. To 9999. %



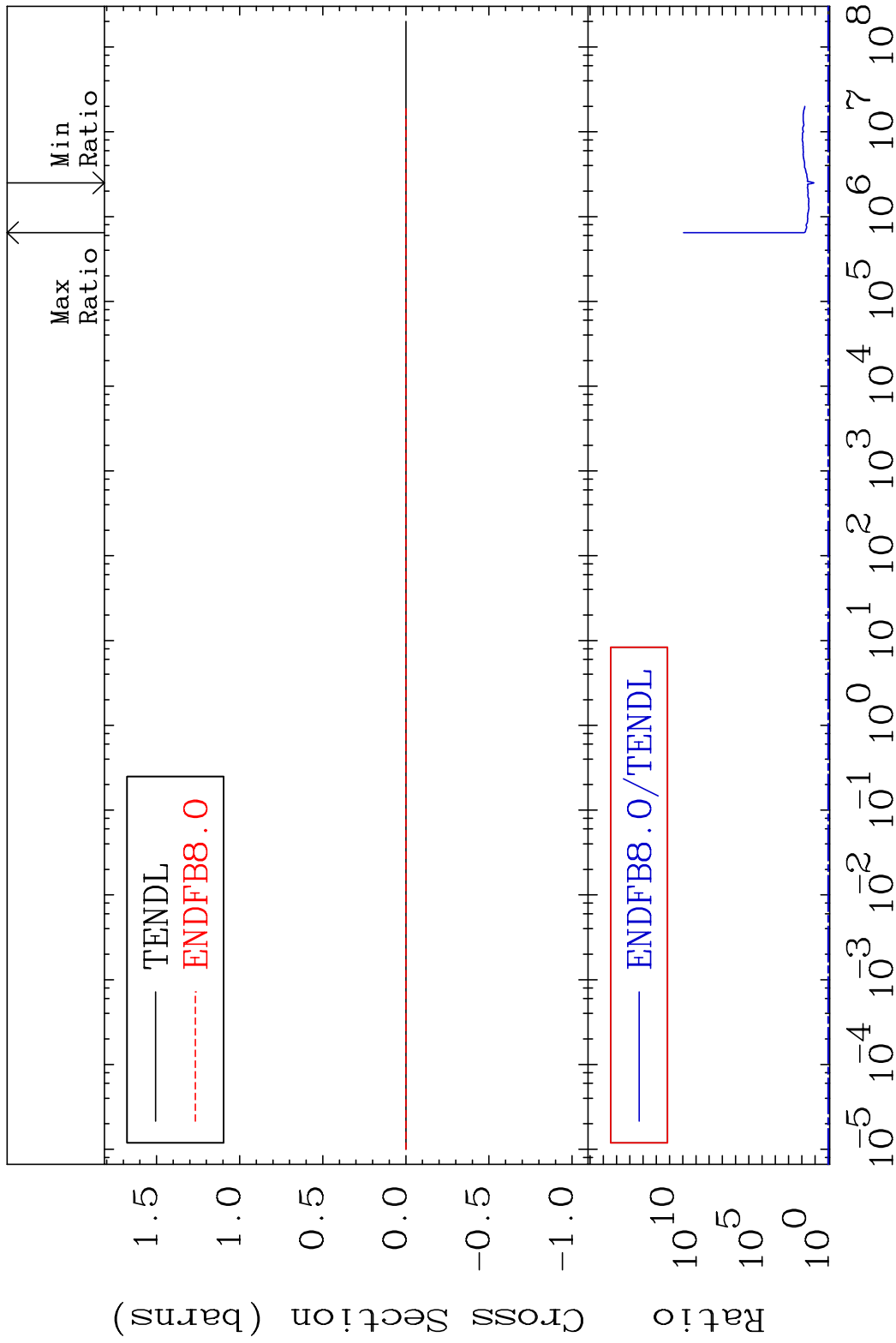
31 Incident Energy (eV) 58-Ce-142

MAT 5843 Kerma inelastic (mt51-91) 58-Ce-142
 Cross Section 1111. To 9999. %

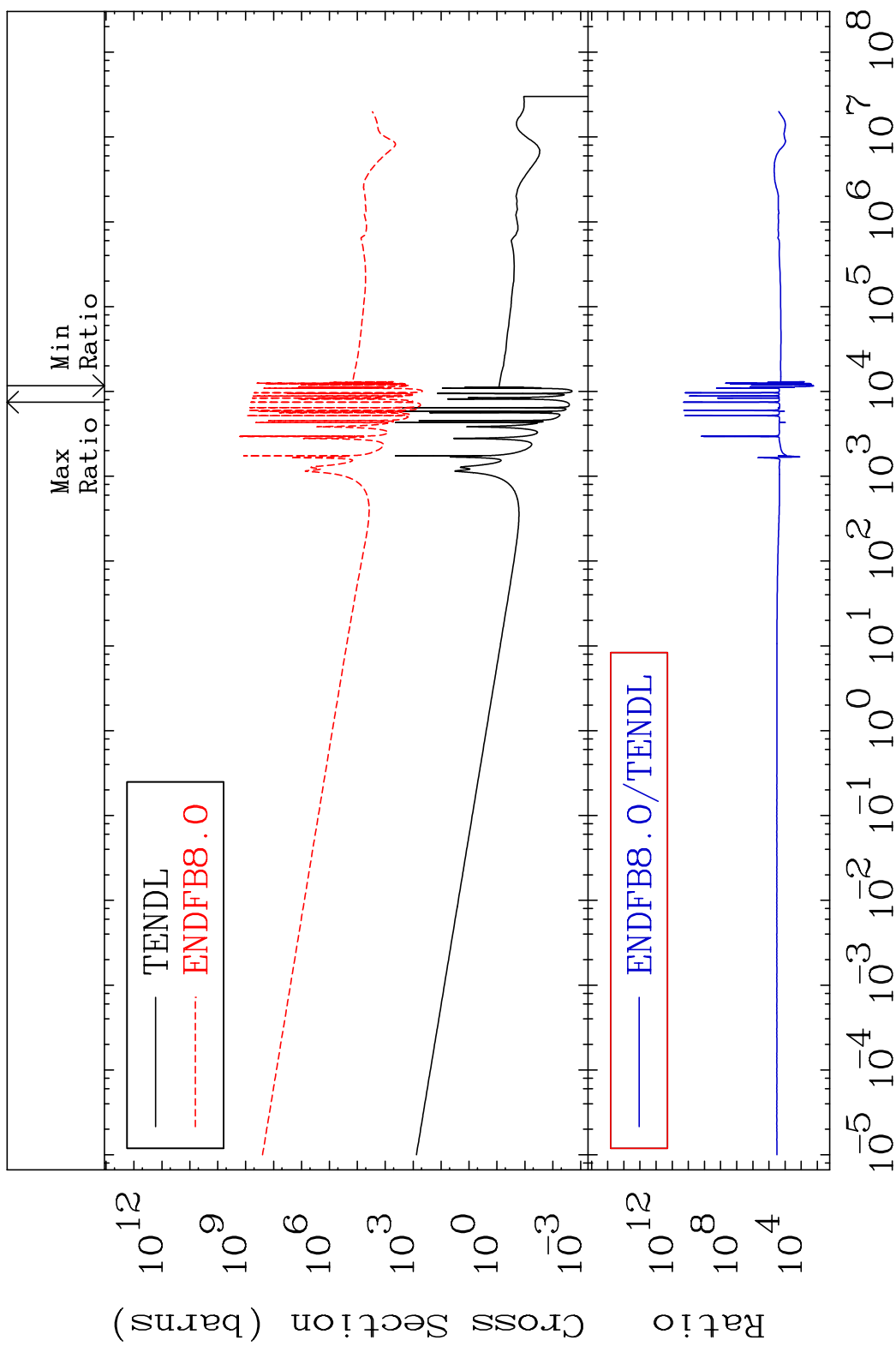


32 Incident Energy (eV) 58-Ce-142

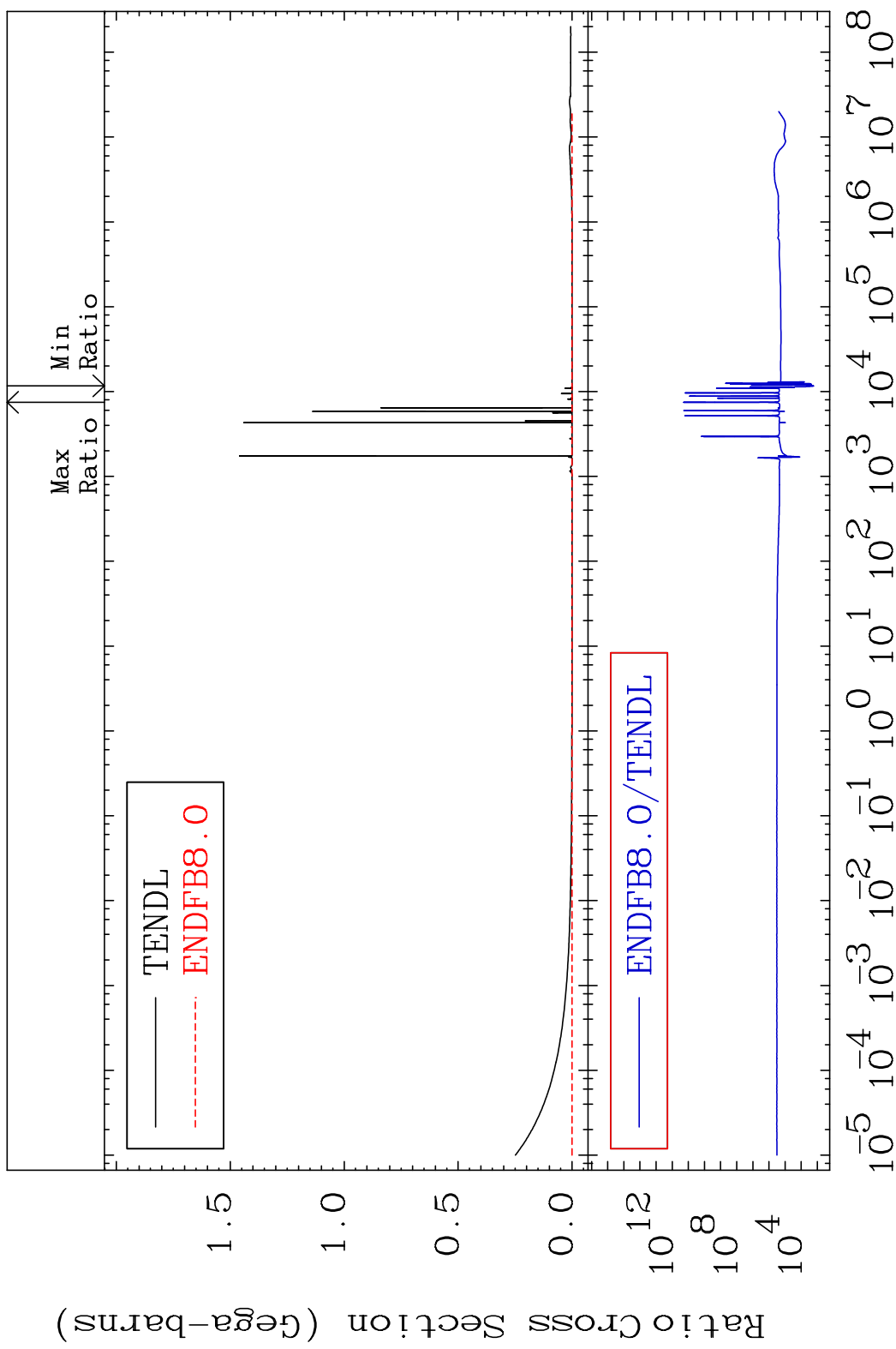
MAT 5843 Kerma fission (mt18 or mt19-20-21-38) 58-Ce-142
 Cross Section 1111. To 9999. %



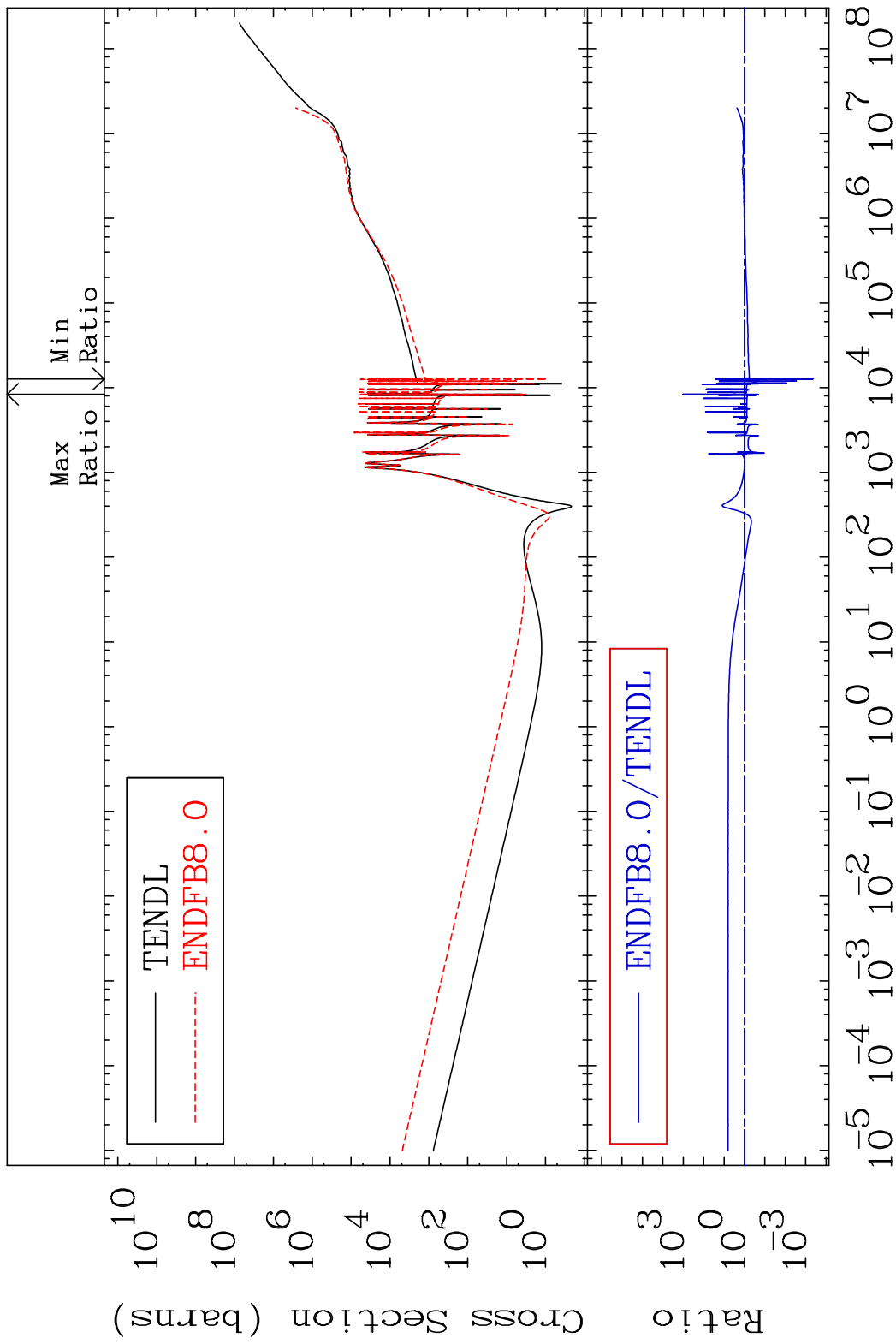
MAT 5843 Kerma capture (mt102) 58-Ce-142
 Cross Section 9999. To 9999. %



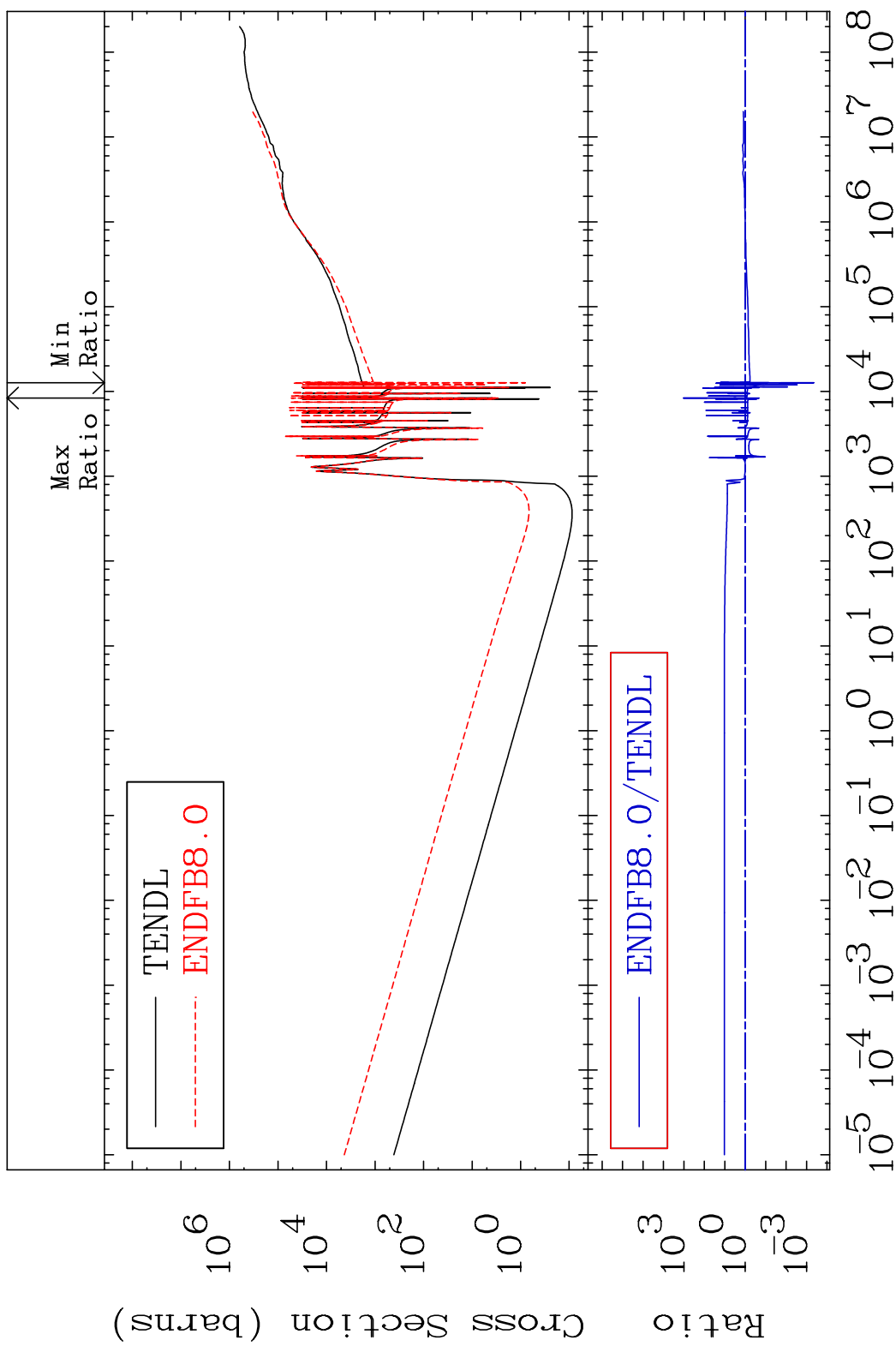
MAT 5843 Total photon (eV-barns) 58-Ce-142
 Cross Section 9999. To 9999. %



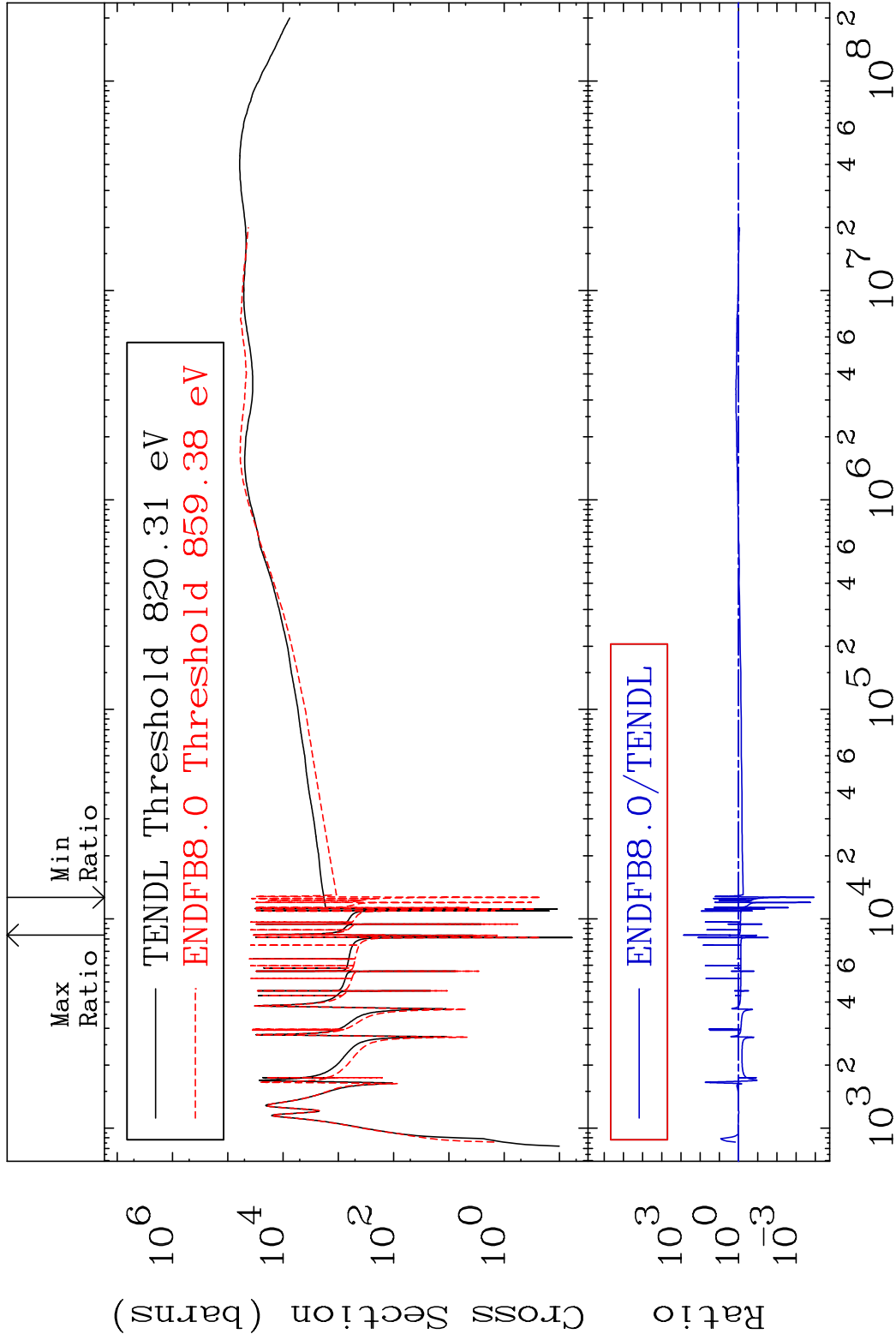
MAT 5843 Total kinematic kerma (high limit) 58-Ce-142
 Cross Section -99.96 To 9999. %



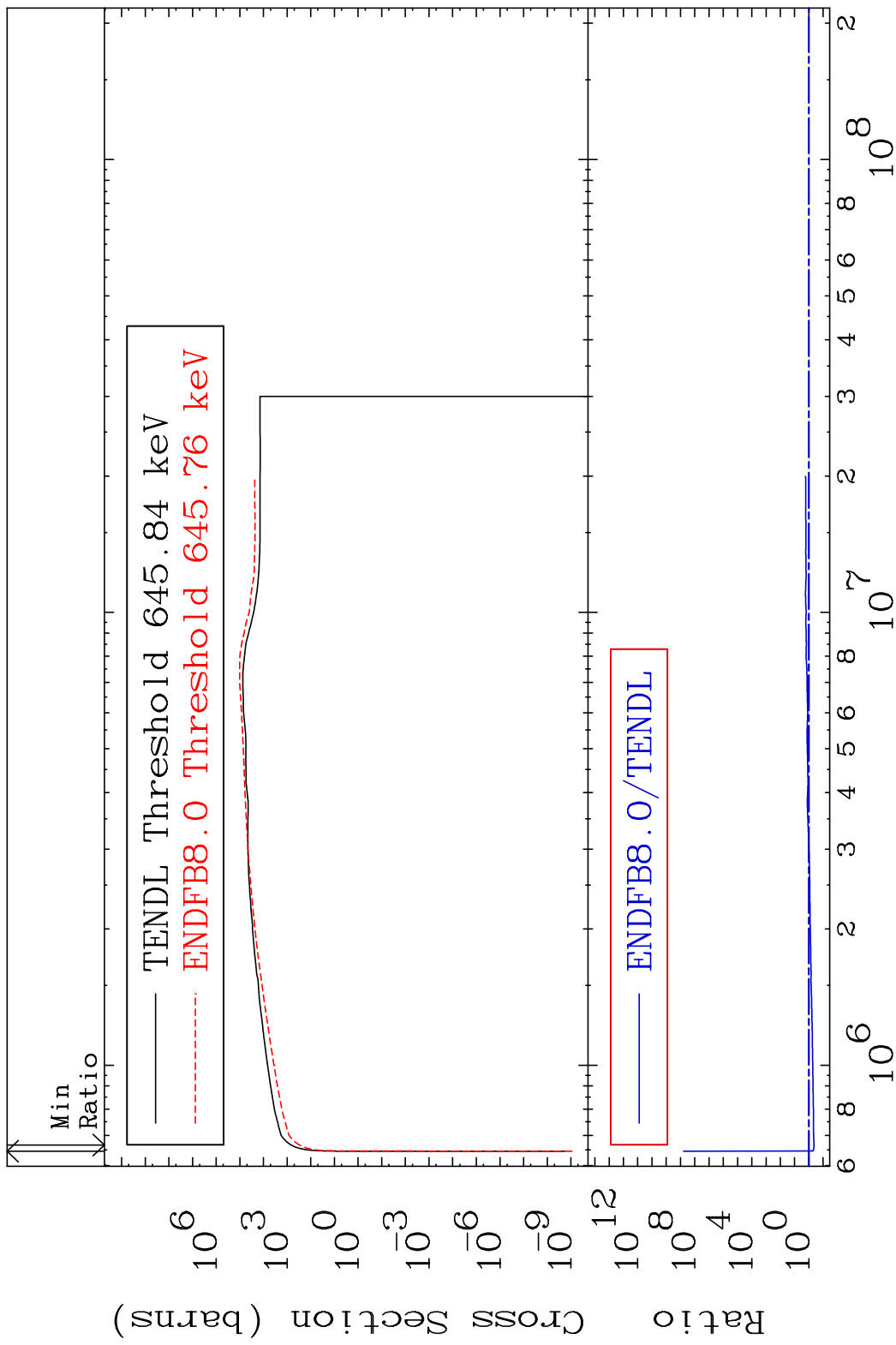
MAT 5843 Dpa total (eV-barns) 58-Ce-142
 Cross Section -99.96 To 9999. %



MAT 5843 Dpa elastic (mt2) 58-Ce-142
 Cross Section -99.99 To 9999. %

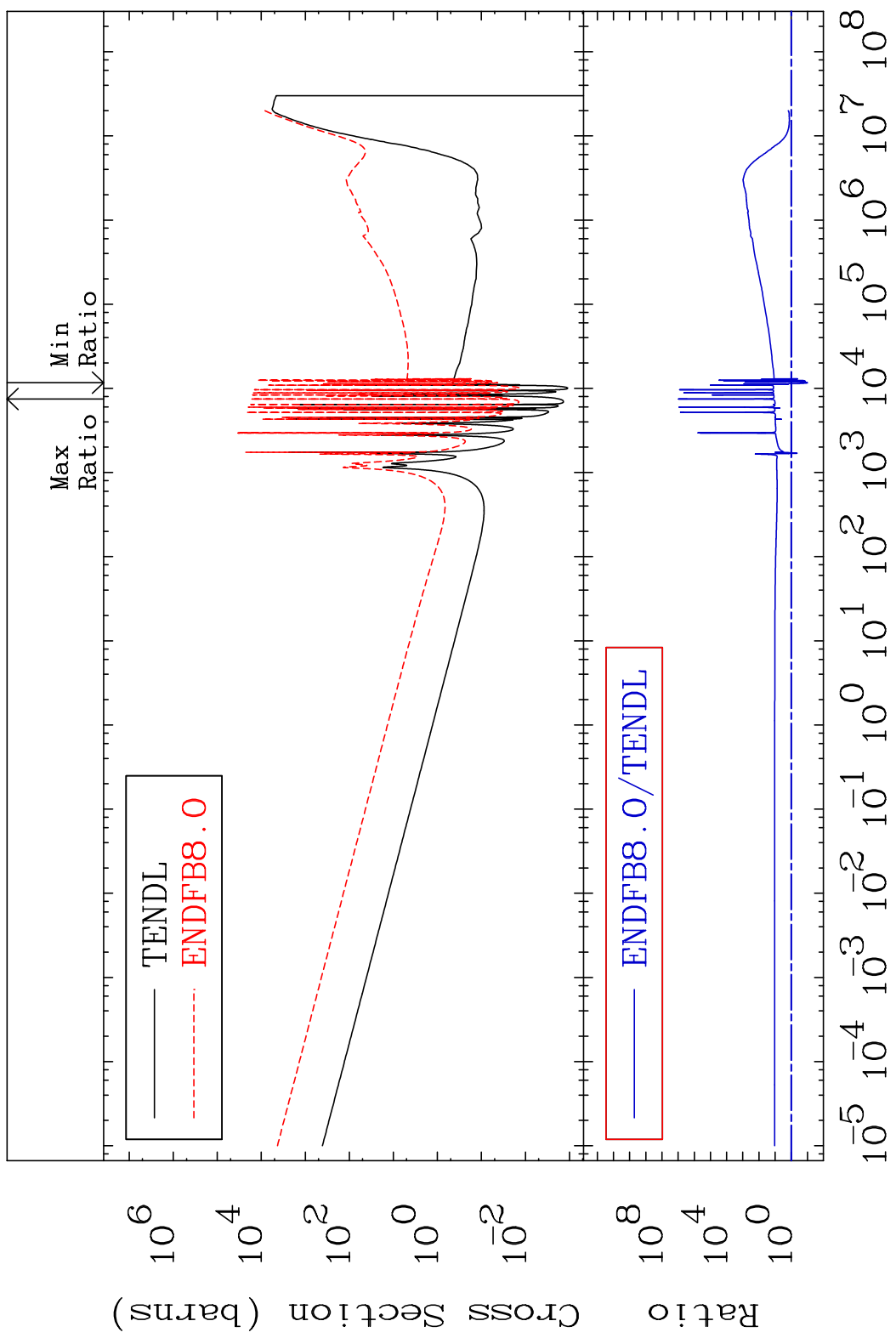


MAT 5843 Dpa inelastic (mt51-91) 58-Ce-142
 Cross Section -55.43 To 9999. %



39 Incident Energy (eV) 58-Ce-142

MAT 5843 Dpa disappearance (mt102 -120) 58-Ce-142
 Cross Section -90.36 To 9999. %



40 Incident Energy (eV) 58-Ce-142