

Program Complot
(Version 2021-1)

by

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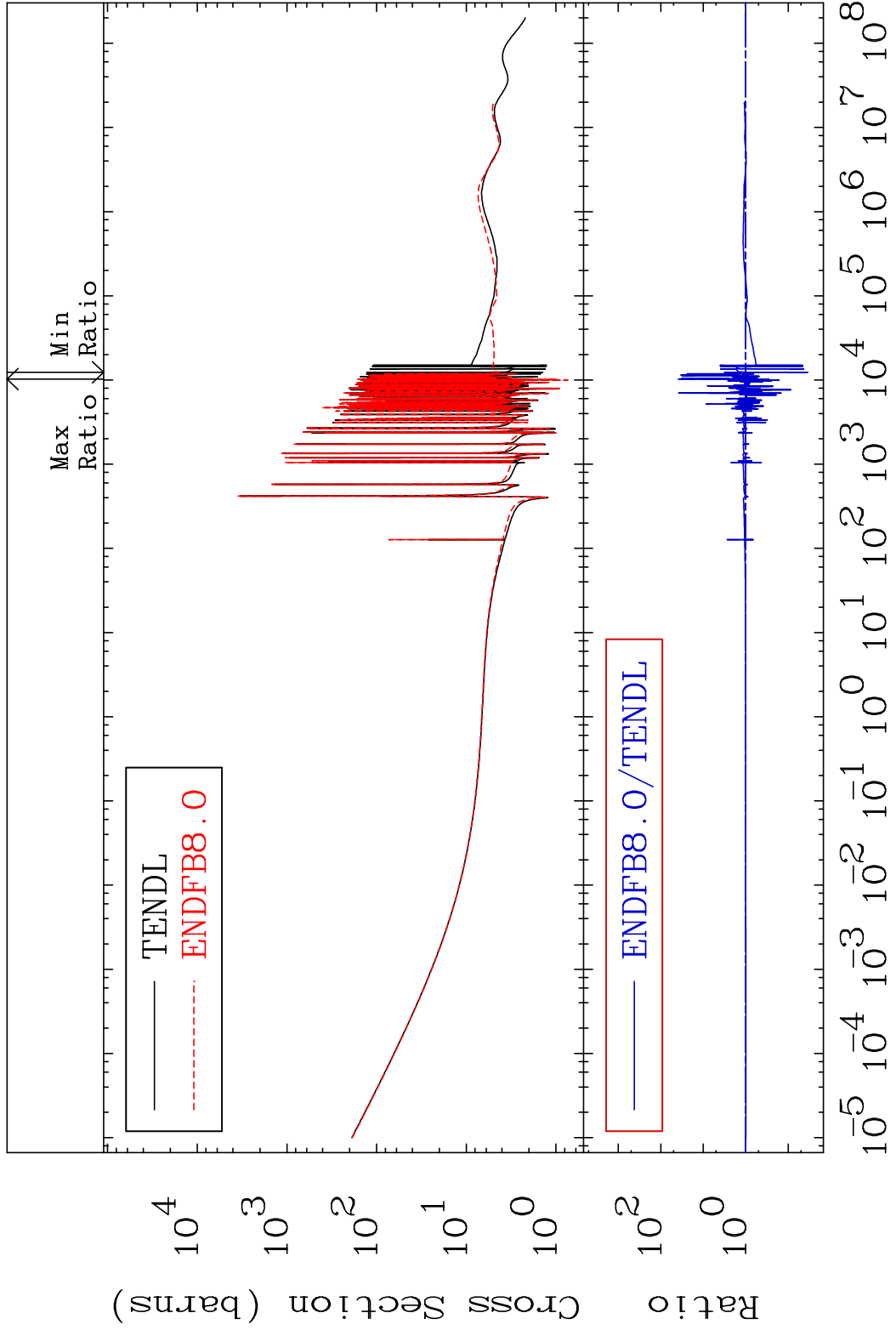
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5646 Total 56-Ba-137
 Cross Section -96.53 To 3770. %



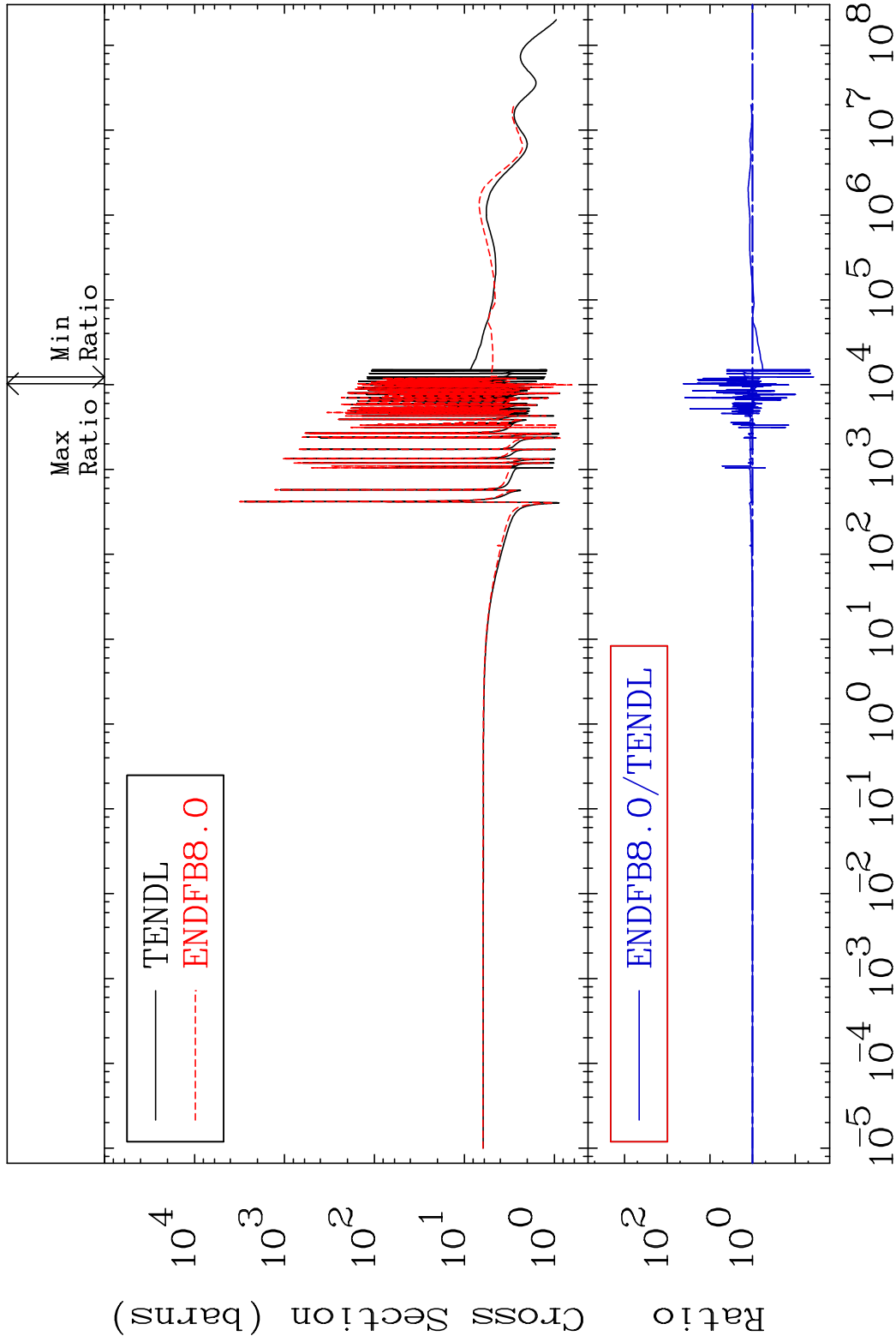
1 Incident Energy (eV) 56-Ba-137

MAT 5646

Elastic

56-Ba-137

Cross Section -96.33 To 4056. %

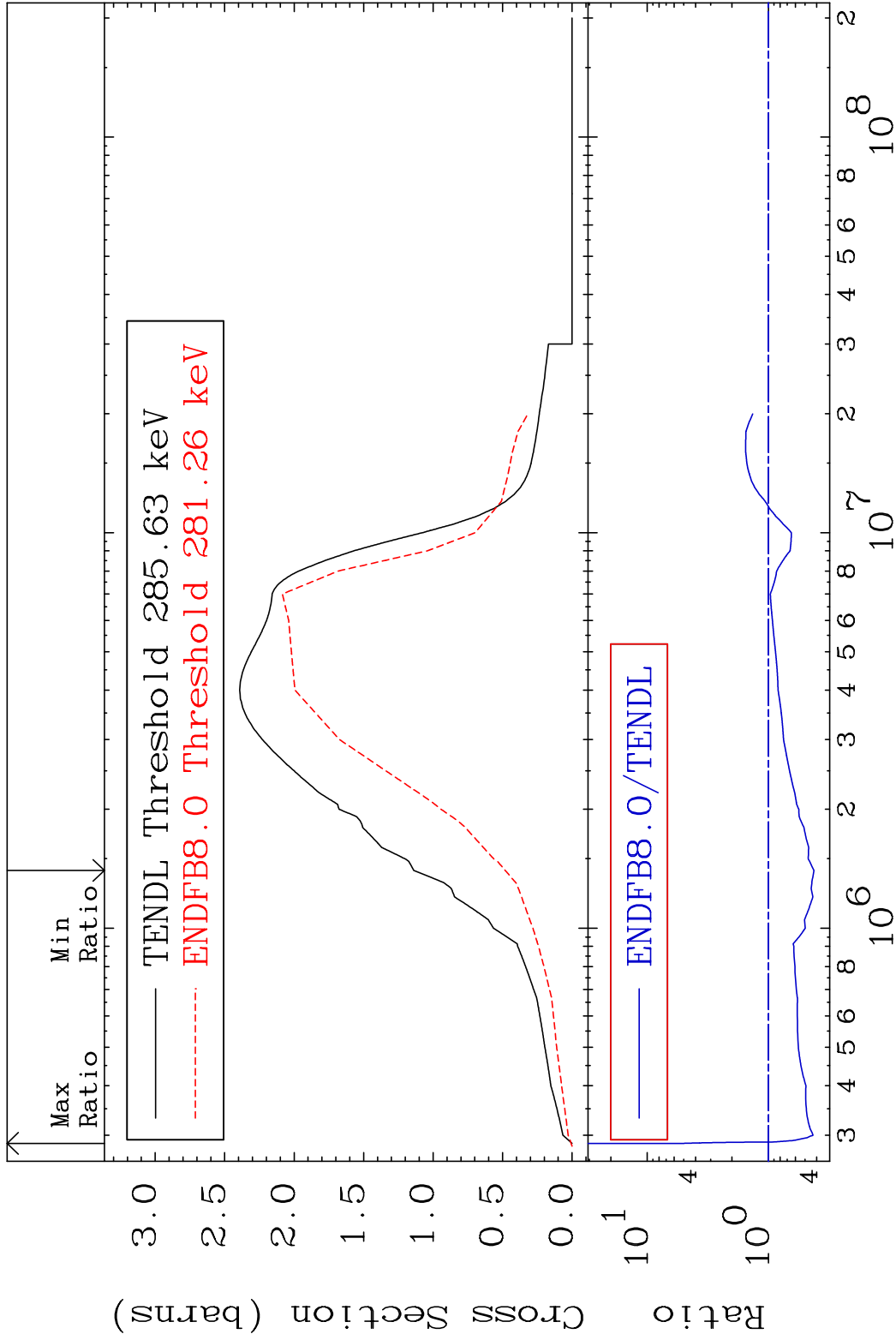


2

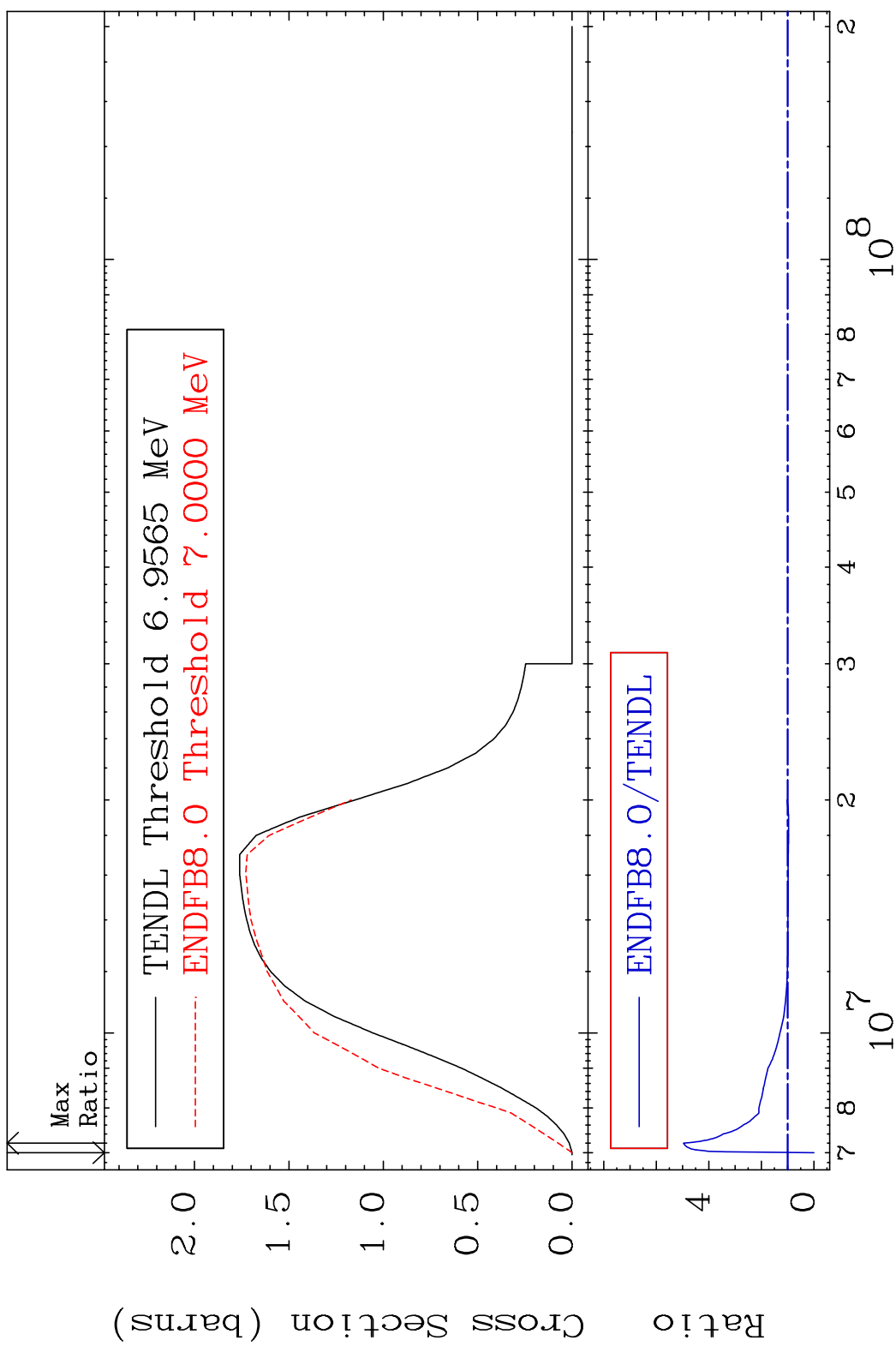
Incident Energy (eV)

56-Ba-137

MAT 5646 Inelastic 56-Ba-137
 Cross Section -57.80 To 402.8 %

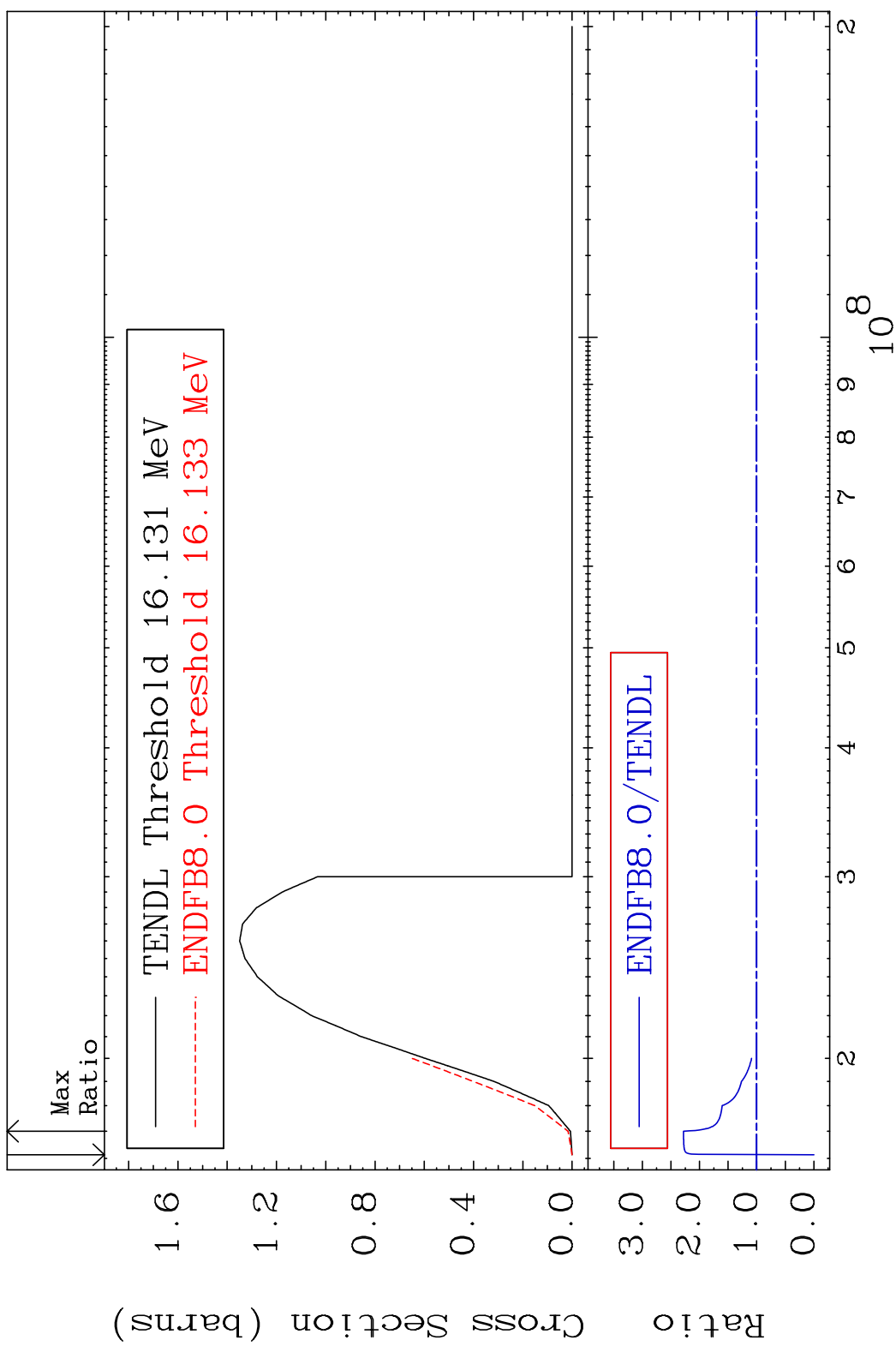


MAT 5646 (n,2n) 56-Ba-137
 Cross Section -100.0 To 396.6 %

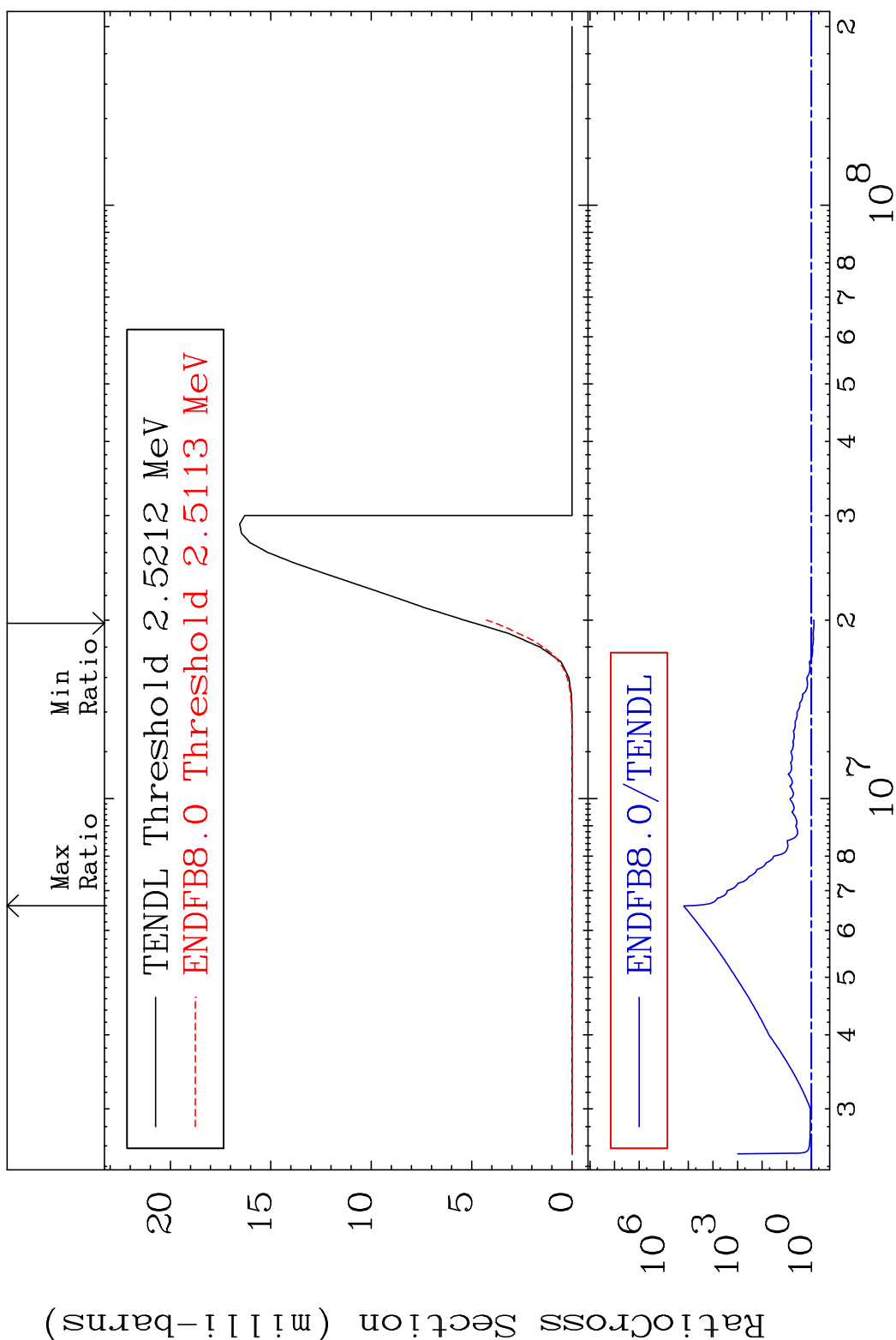


4 7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 2
 56-Ba-137

MAT 5646 (n,3n) 56-Ba-137
 Cross Section -100.0 To 128.1 %

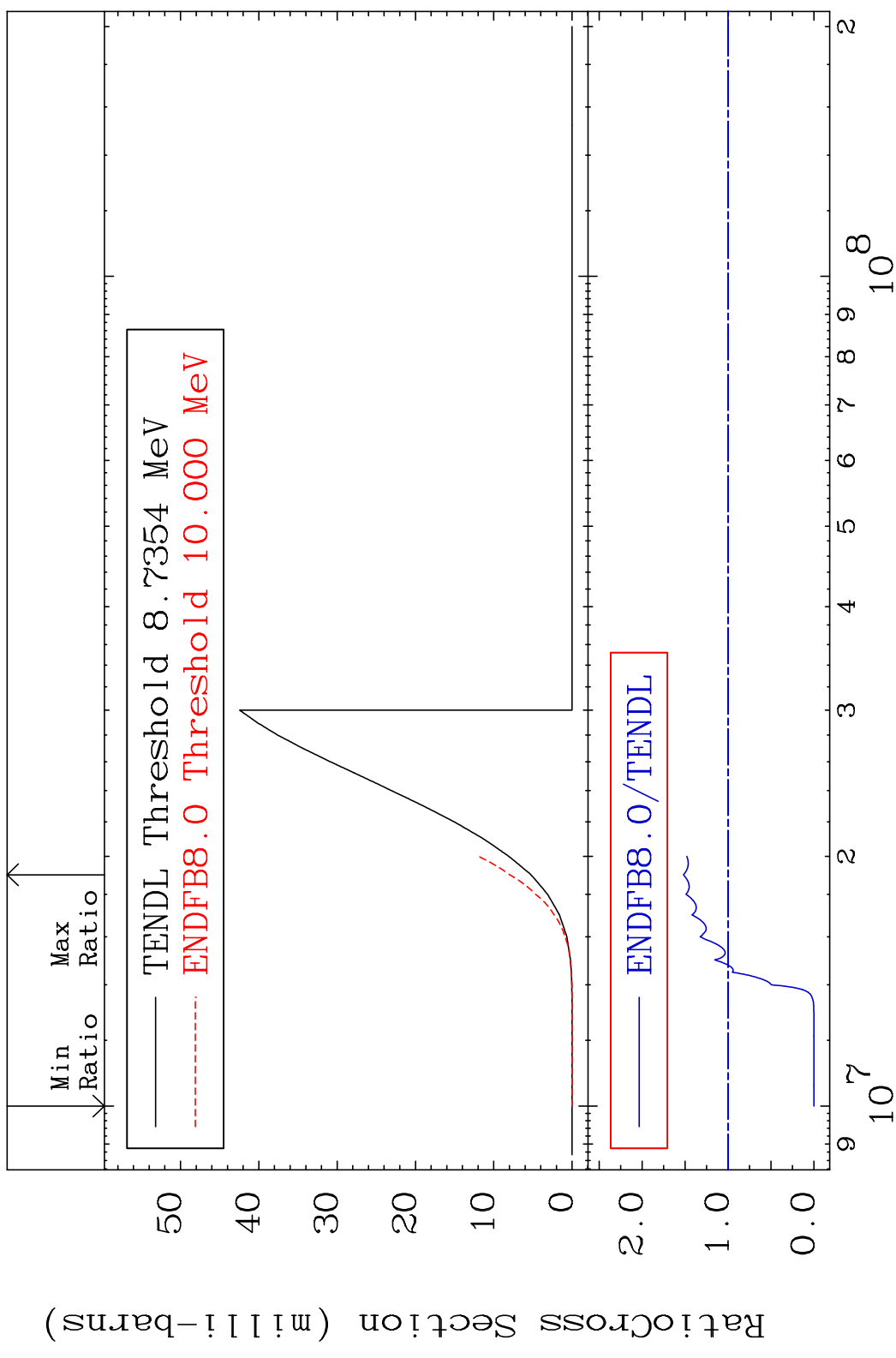


MAT 5646 (n, n') α 56-Ba-137
 Cross Section -21.27 To 9999. %



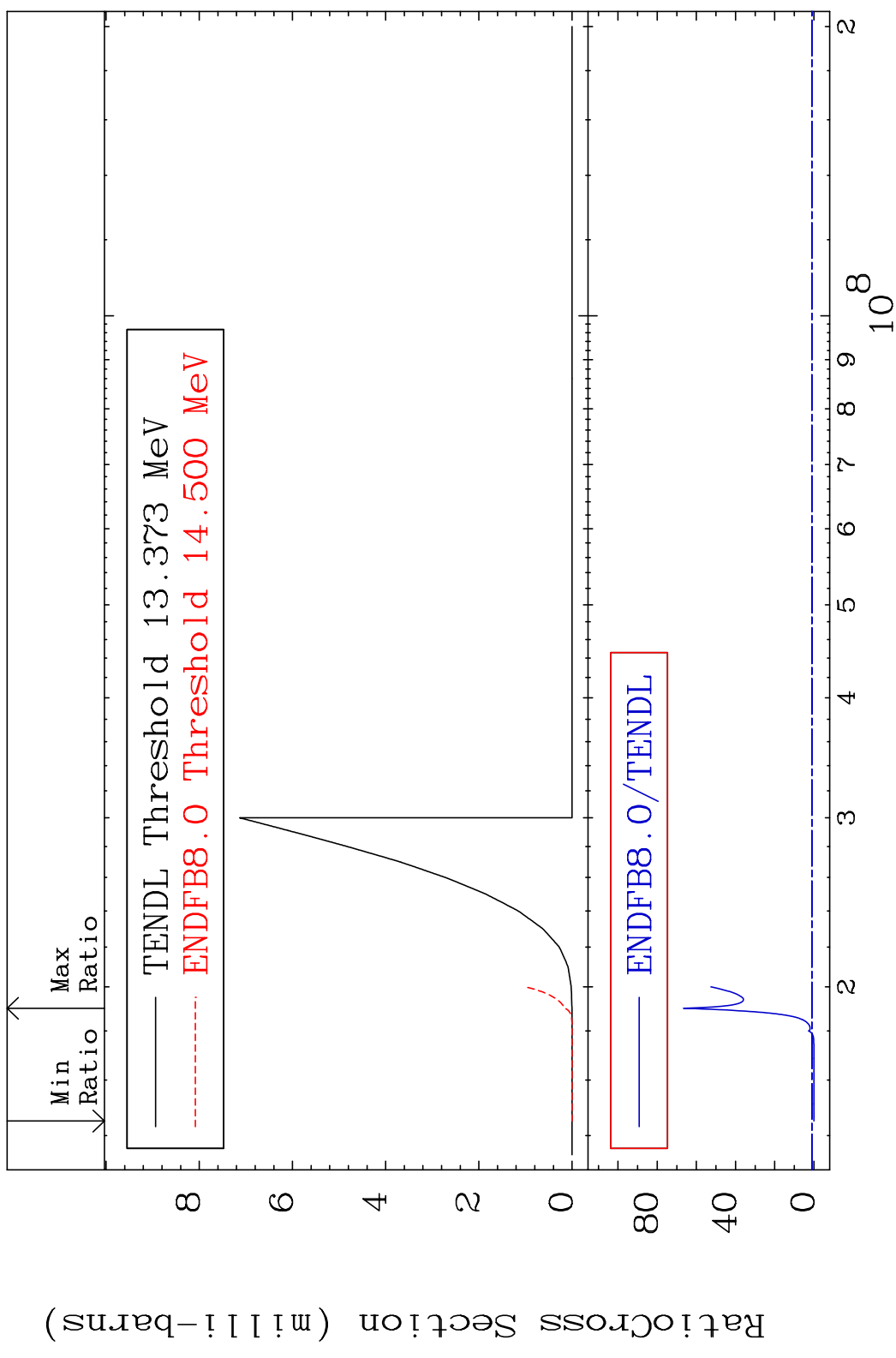
6 Incident Energy (eV) 56-Ba-137

MAT 5646 (n, n') p 56-Ba-137
 Cross Section -100.0 To 51.90 %



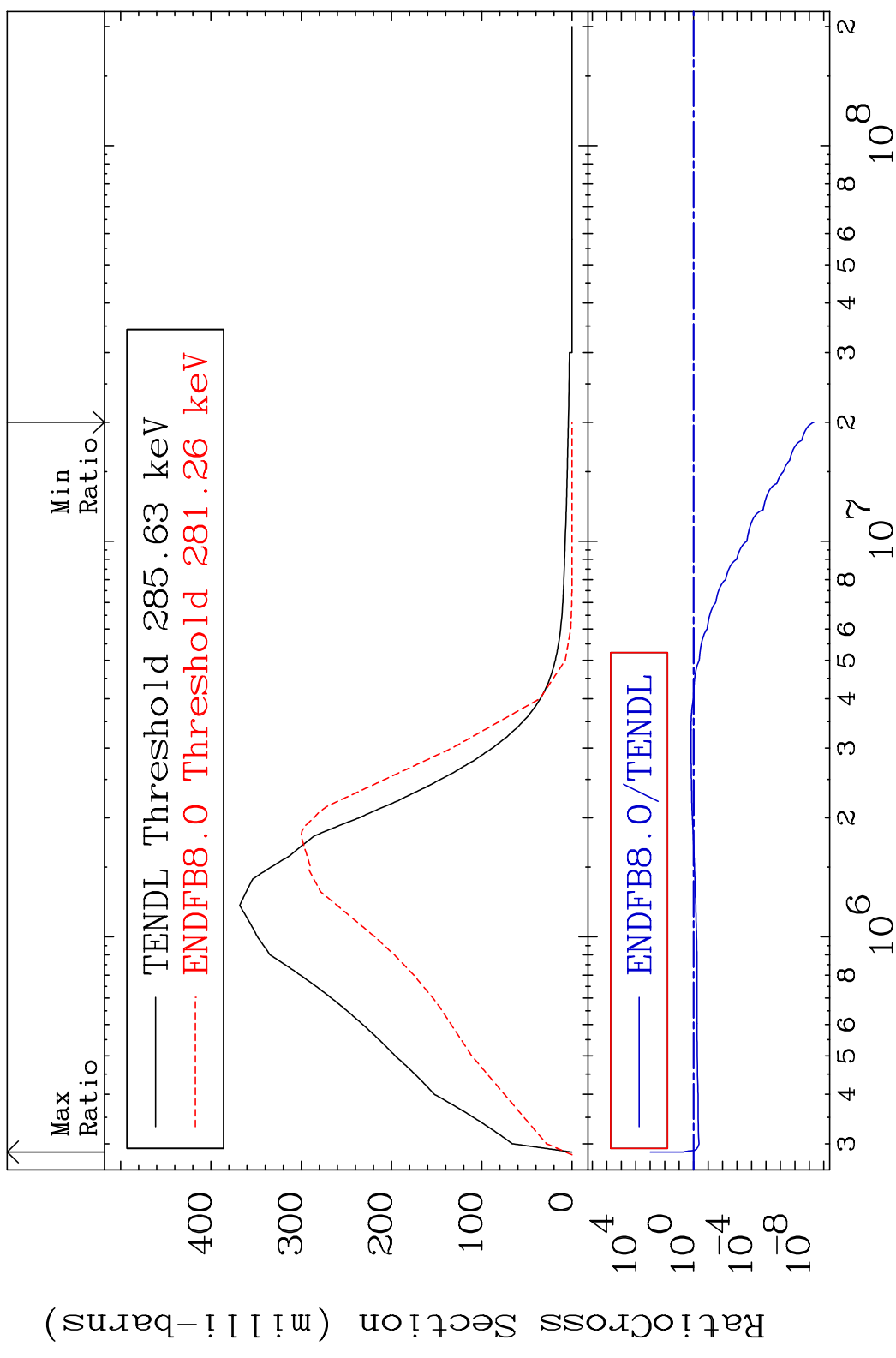
7 56-Ba-137

MAT 5646 (n, n') d 56-Ba-137
 Cross Section -100.0 To 6558. %

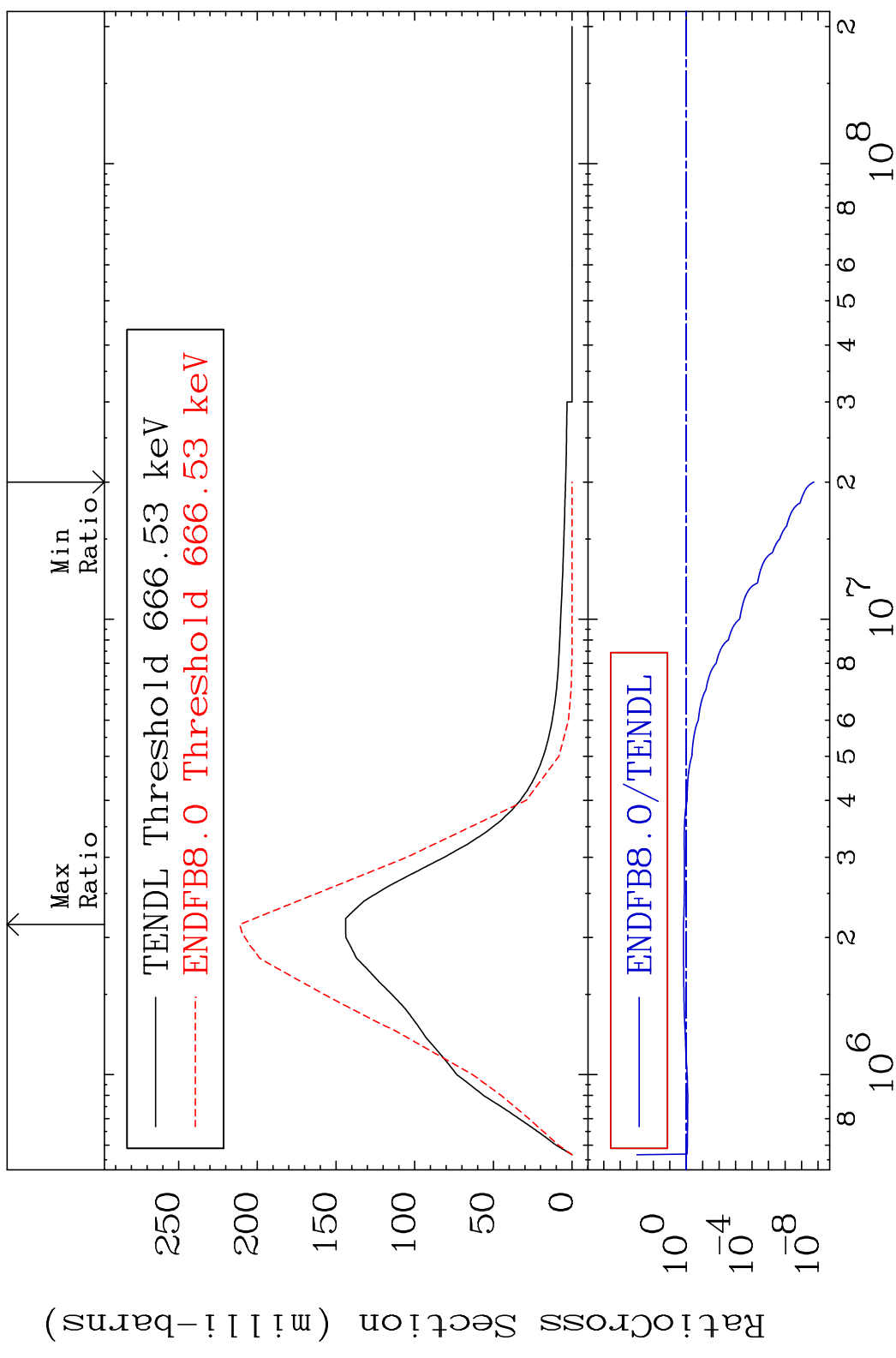


8 56-Ba-137

MAT 5646 MT= 51 (n, n') Level 56-Ba-137
 Cross Section -100.0 To 402.8 %

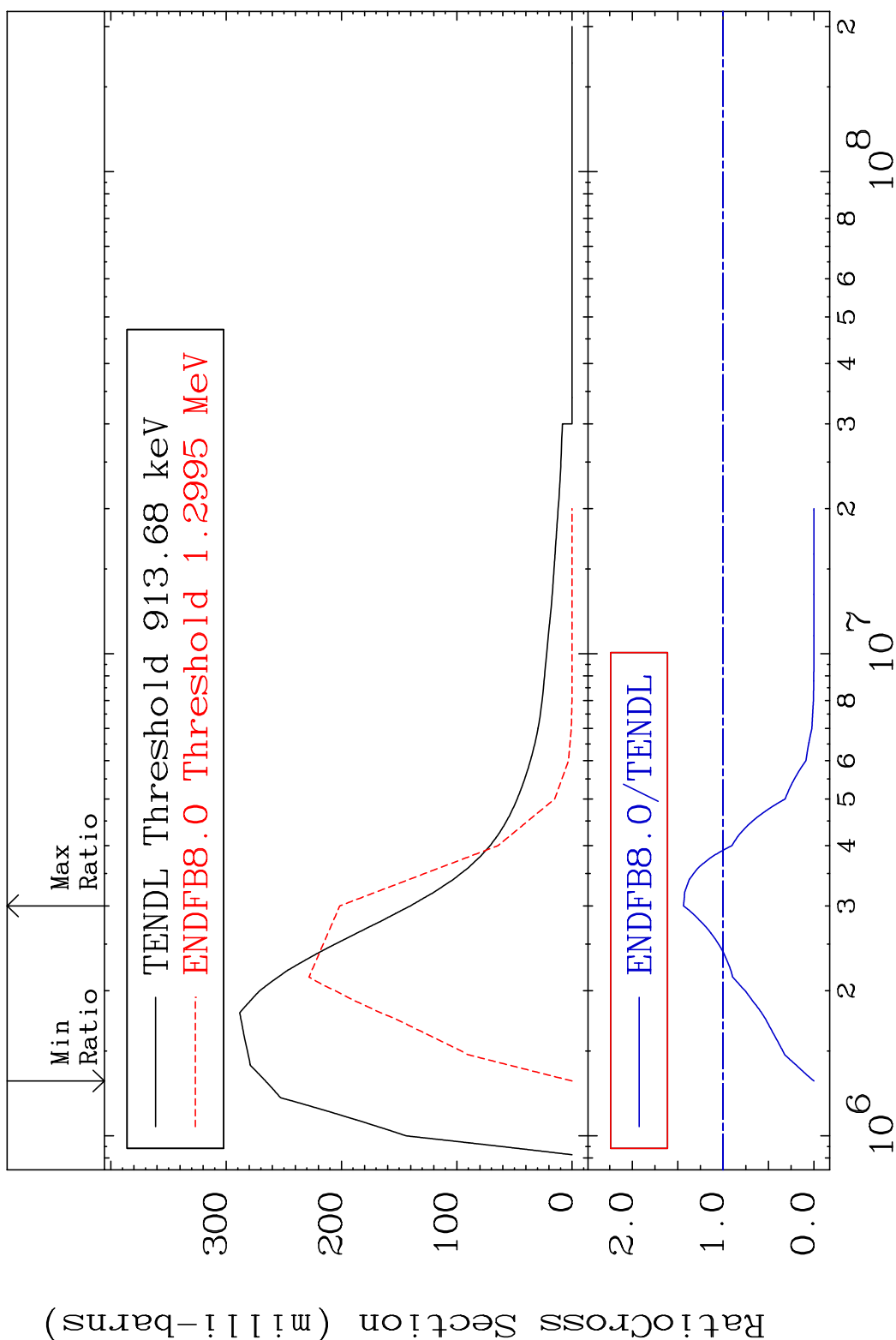


MAT 5646 MT= 52 (n, n') Level 56-Ba-137
 Cross Section -100.0 To 46.82 %



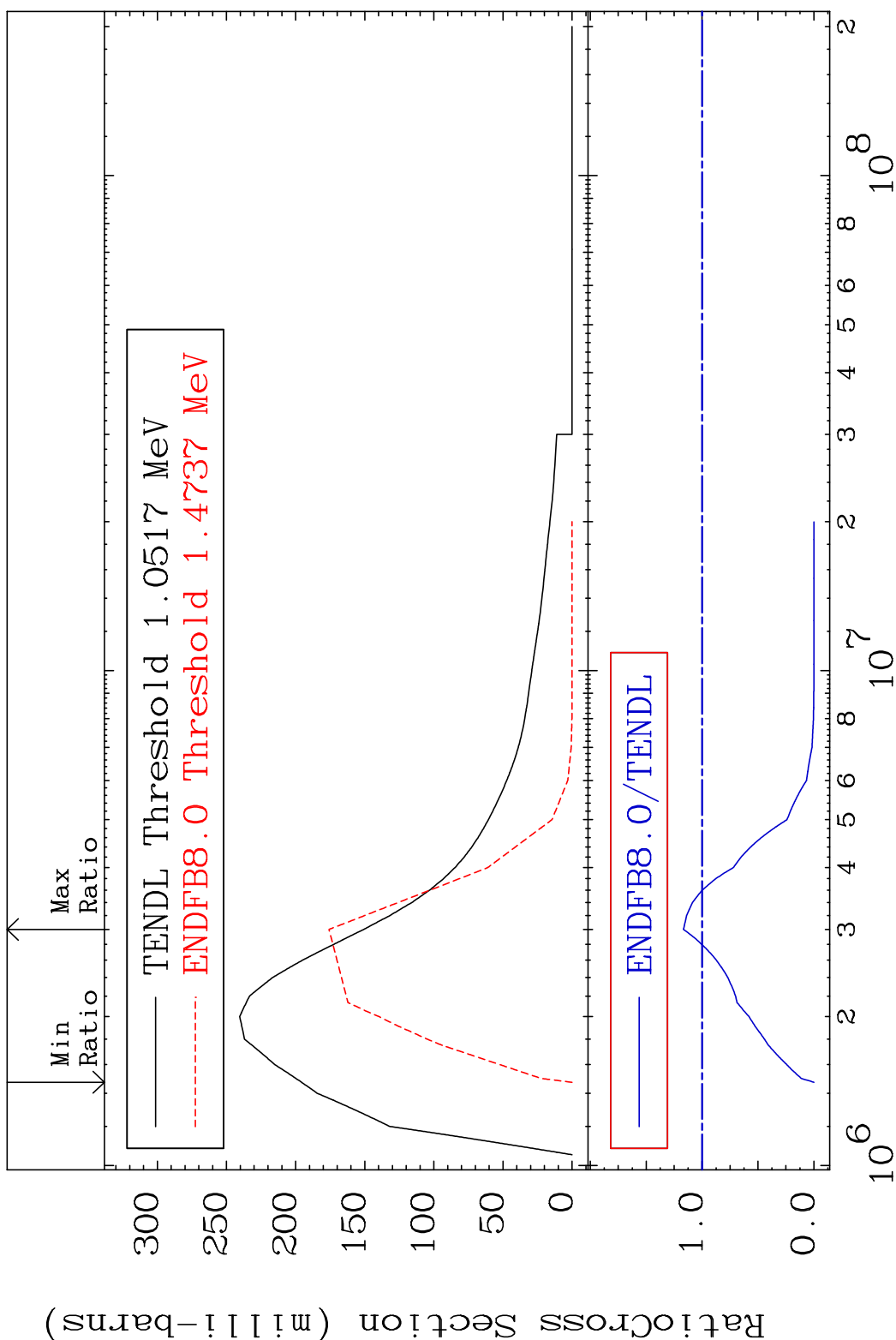
10 Incident Energy (eV) 56-Ba-137

MAT 5646 MT= 53 (n, n') Level 56-Ba-137
 Cross Section -100.0 To 43.68 %



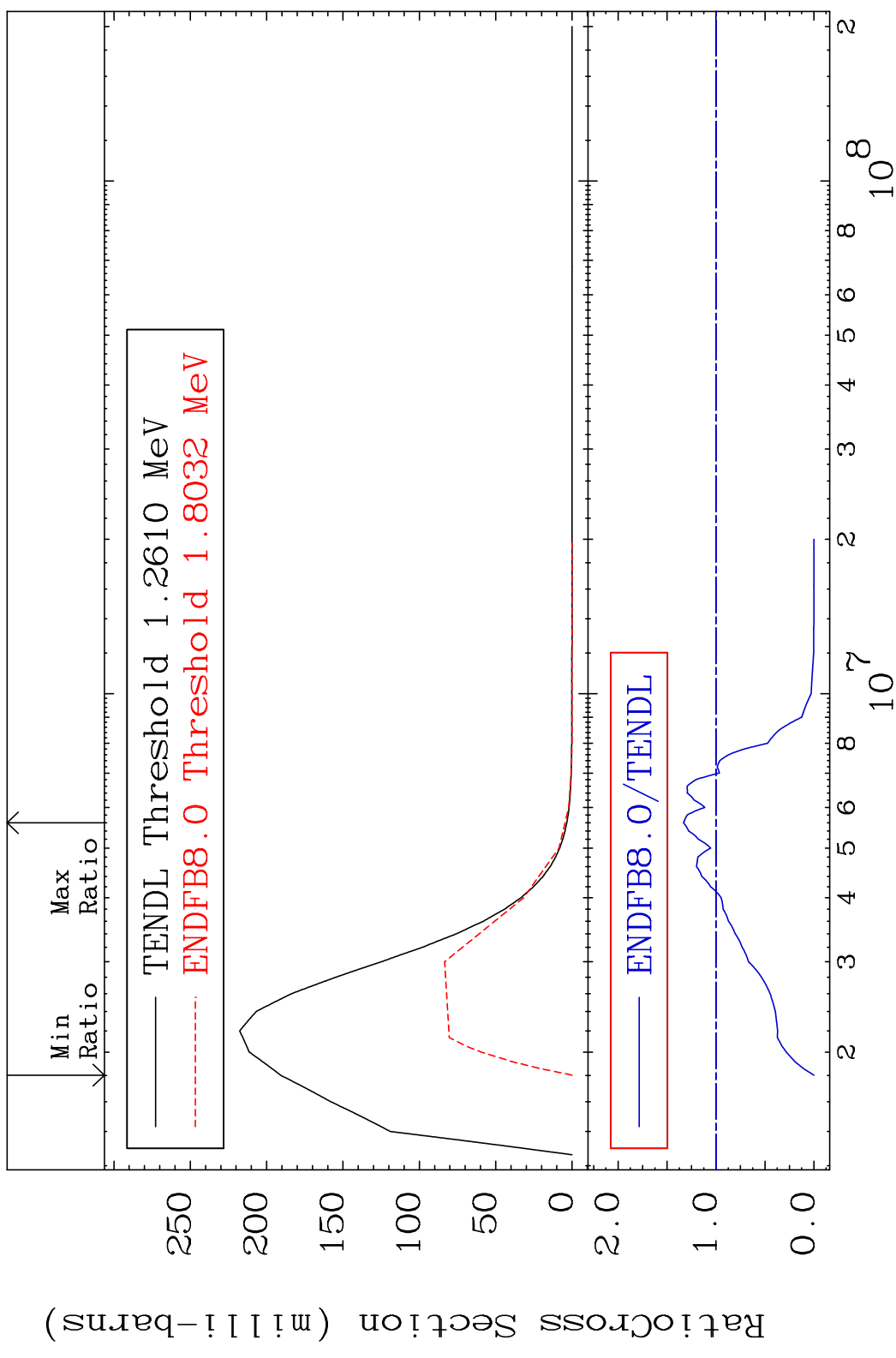
11 Incident Energy (eV) 56-Ba-137

MAT 5646 MT= 54 (n, n') Level 56-Ba-137
 Cross Section -100.0 To 16.68 %



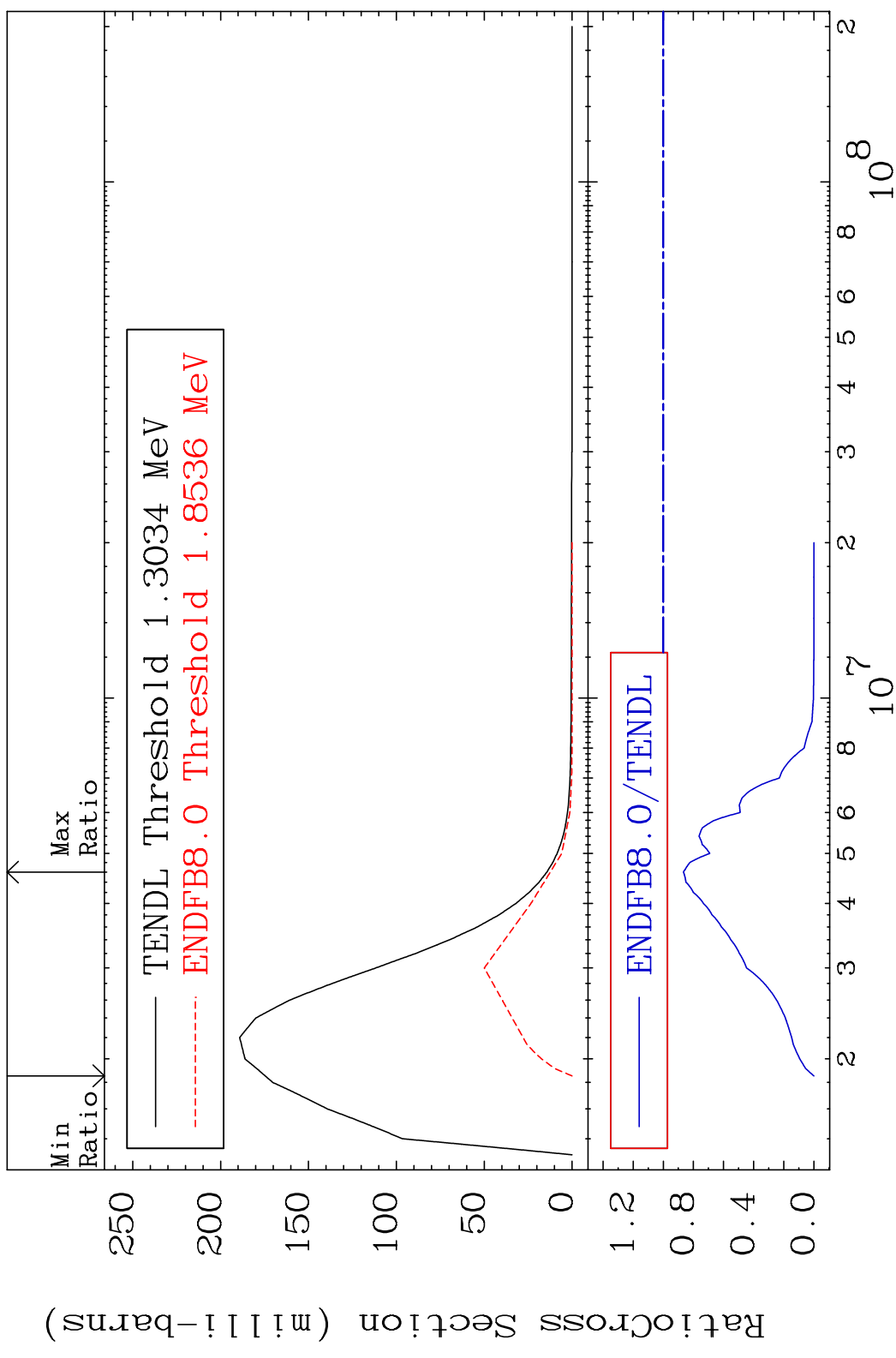
12 Incident Energy (eV) 56-Ba-137

MAT 5646 MT= 55 (n, n') Level 56-Ba-137
 Cross Section -100.0 To 33.25 %



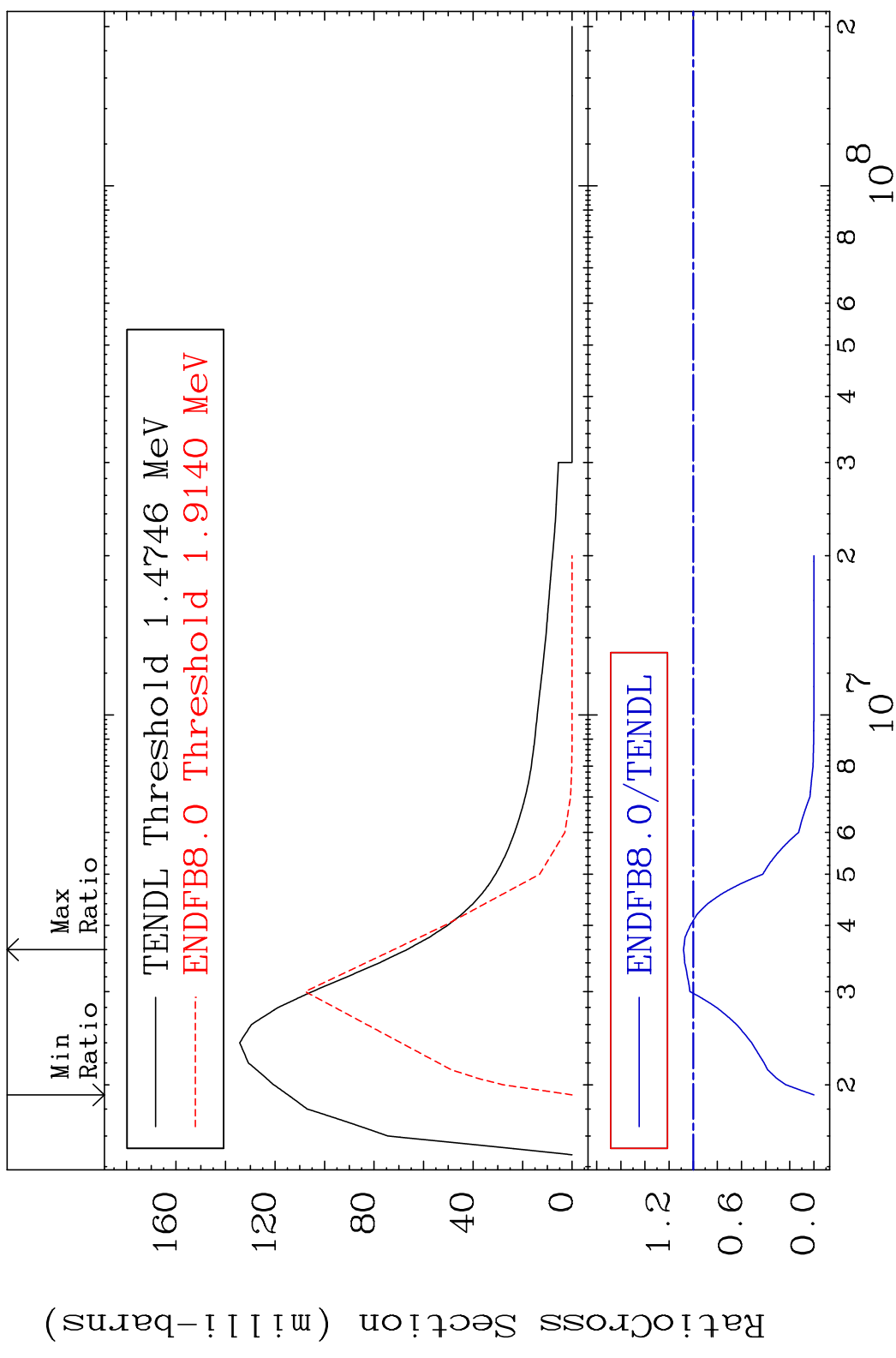
13 Incident Energy (eV) 56-Ba-137

MAT 5646 MT= 56 (n, n') Level 56-Ba-137
 Cross Section -100.0 To -13.40%



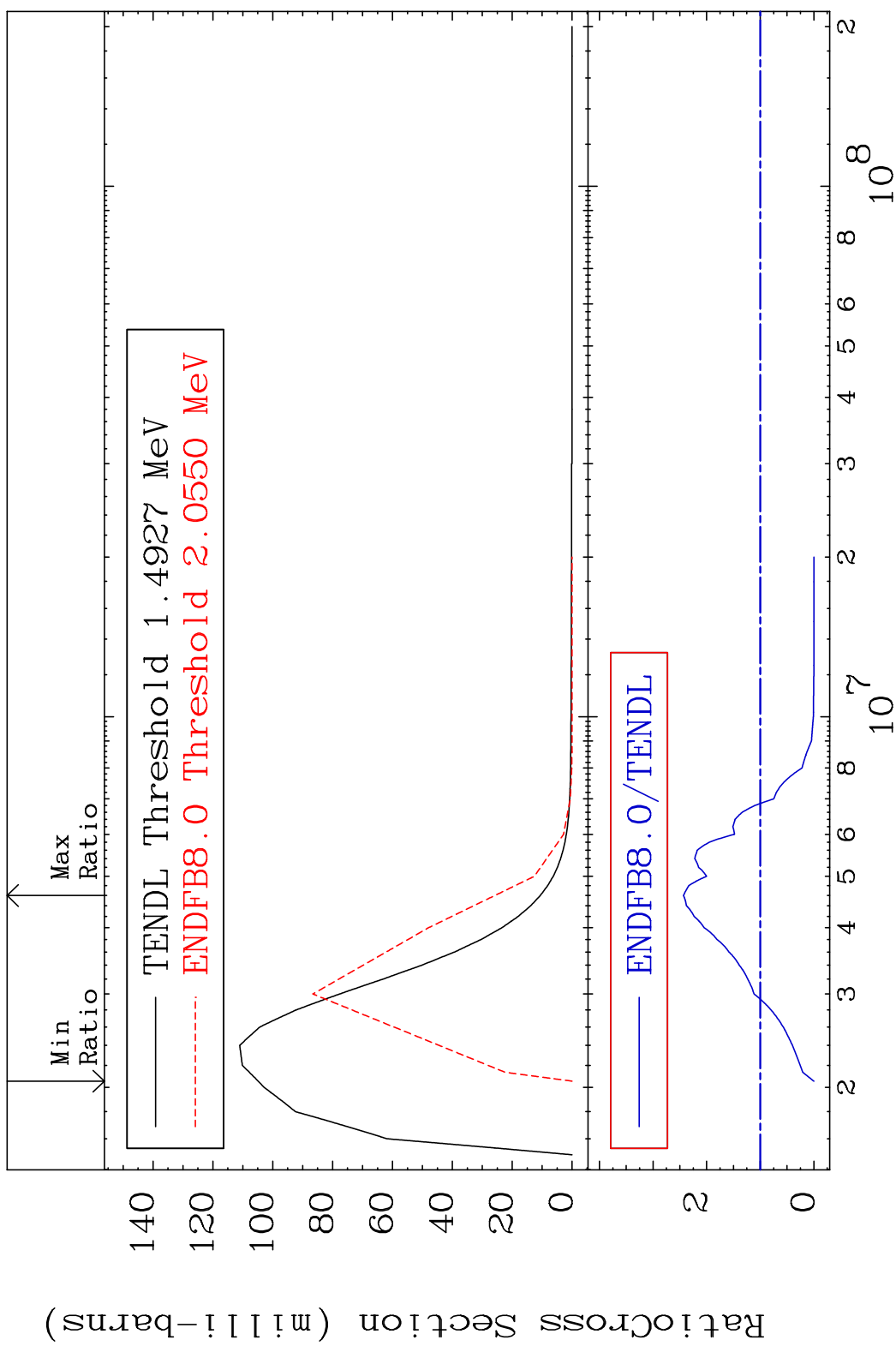
14 Incident Energy (eV) 56-Ba-137

MAT 5646 MT= 57 (n, n') Level 56-Ba-137
 Cross Section -100.0 To 8.095 %



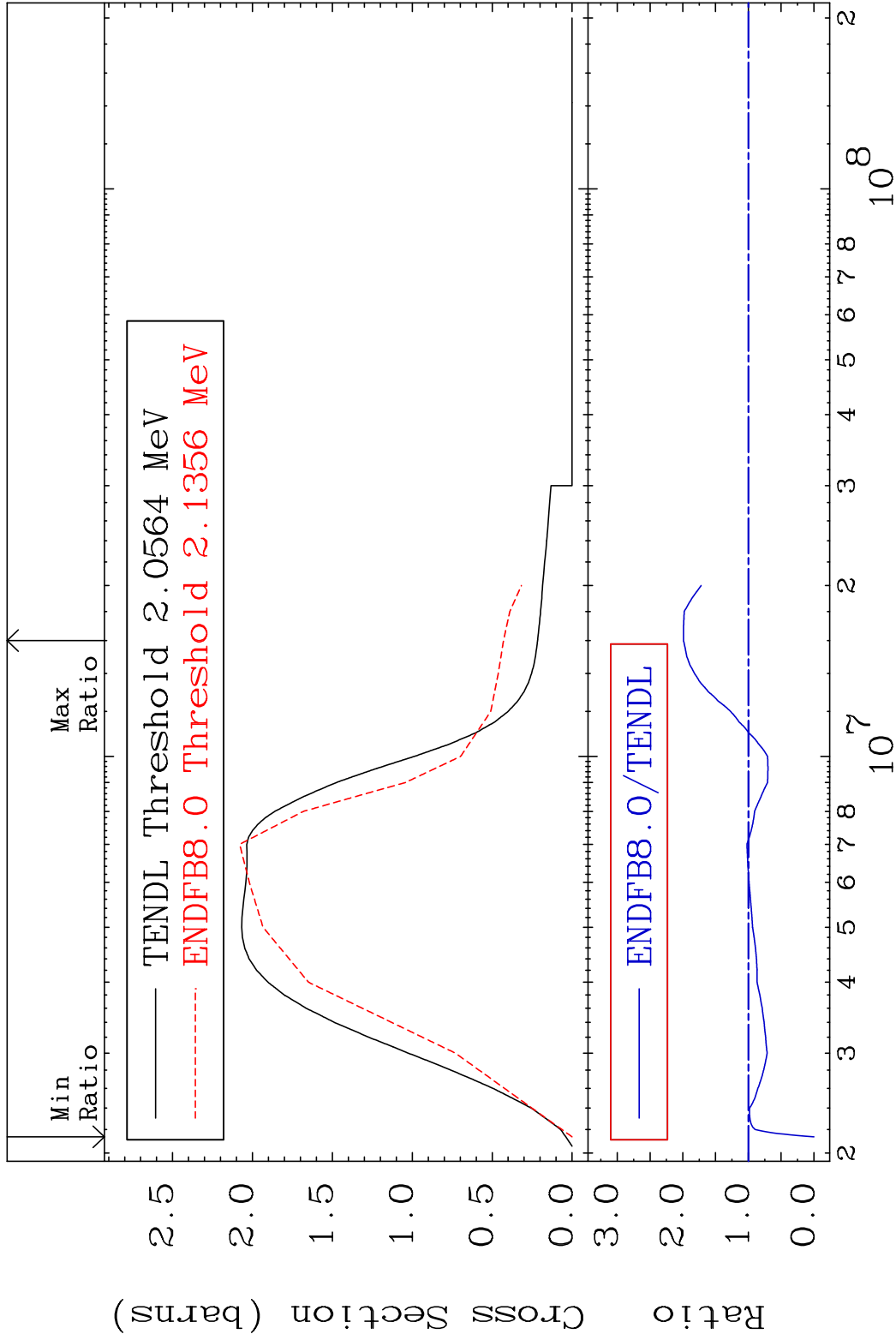
15 56-Ba-137

MAT 5646 MT= 58 (n, n') Level 56-Ba-137
 Cross Section -100.0 To 143.2 %



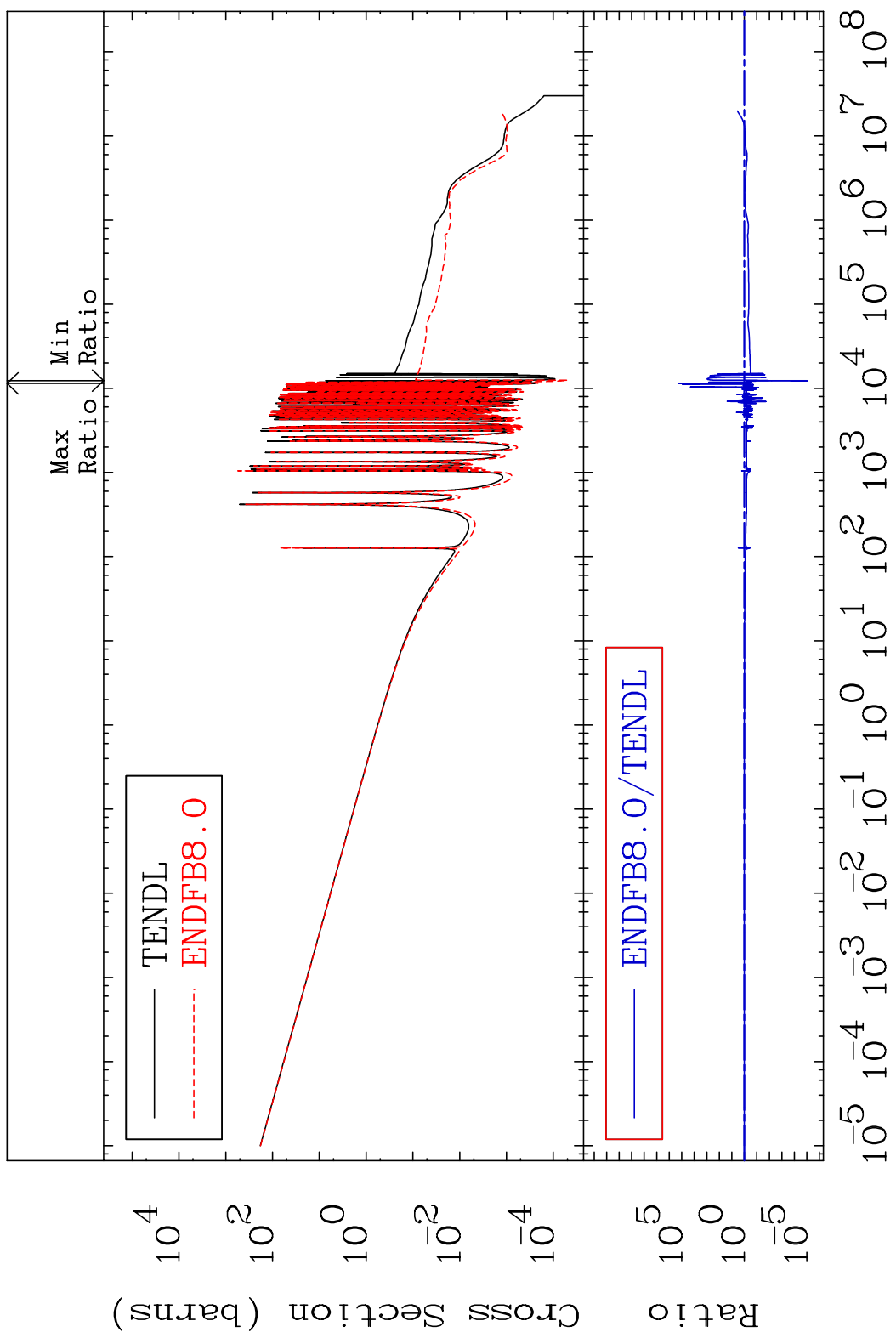
16 Incident Energy (eV) 56-Ba-137

MAT 5646 (n, n') Continuum 56-Ba-137
 Cross Section -100.0 To 99.01 %

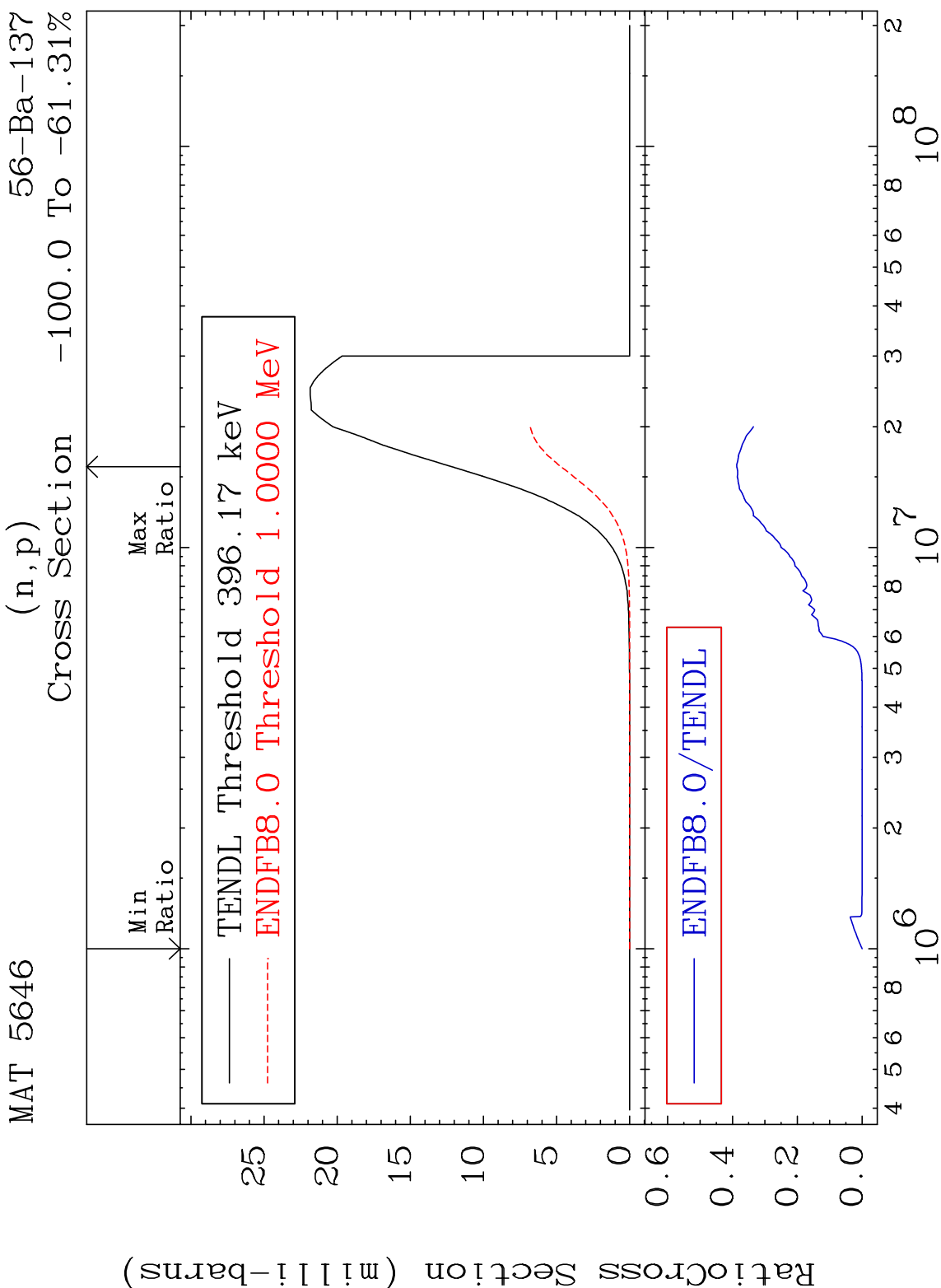


17 Incident Energy (eV) 56-Ba-137

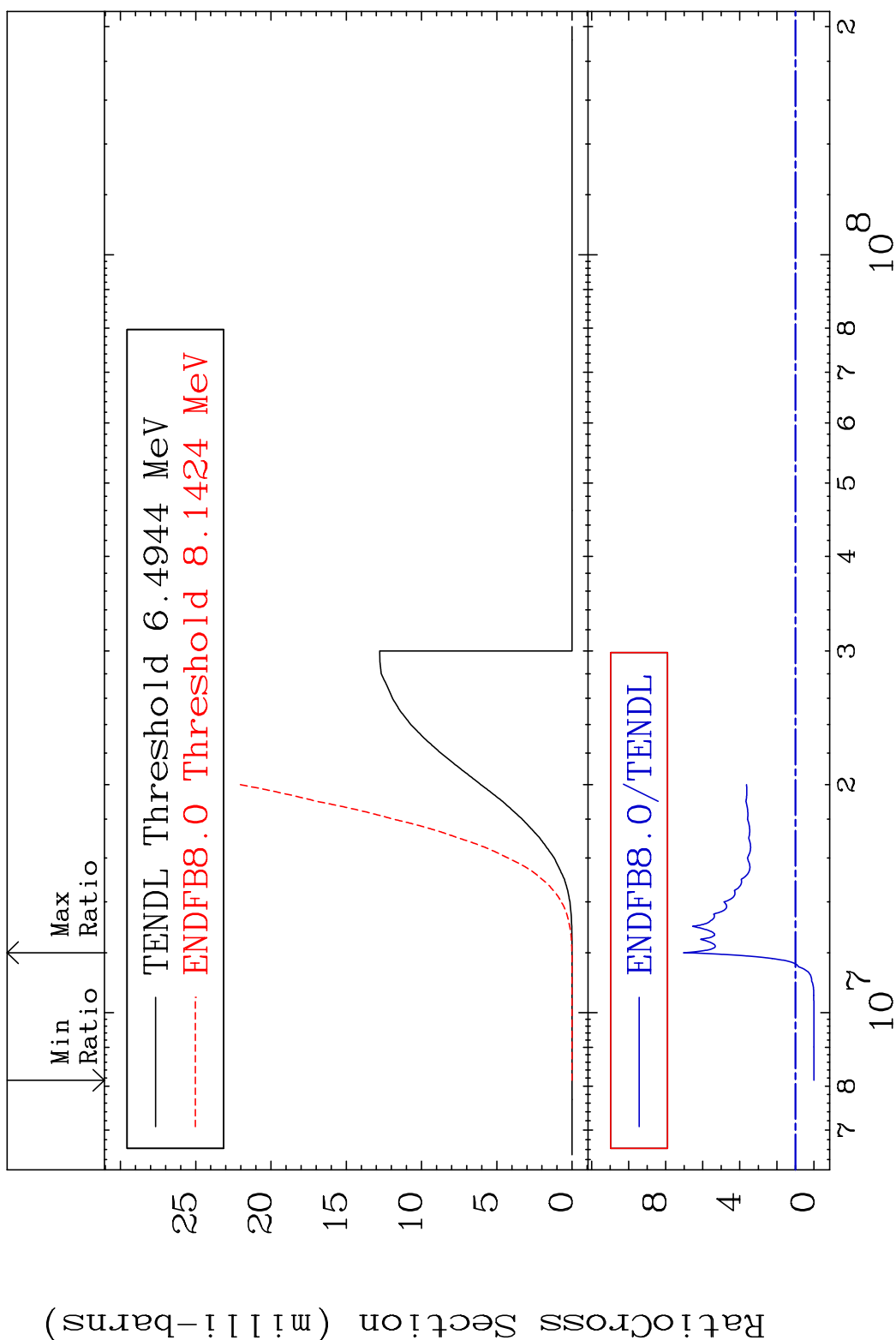
MAT 5646 (n, γ) 56-Ba-137
 Cross Section -100.0 To 9999. %



18 Incident Energy (eV) 56-Ba-137

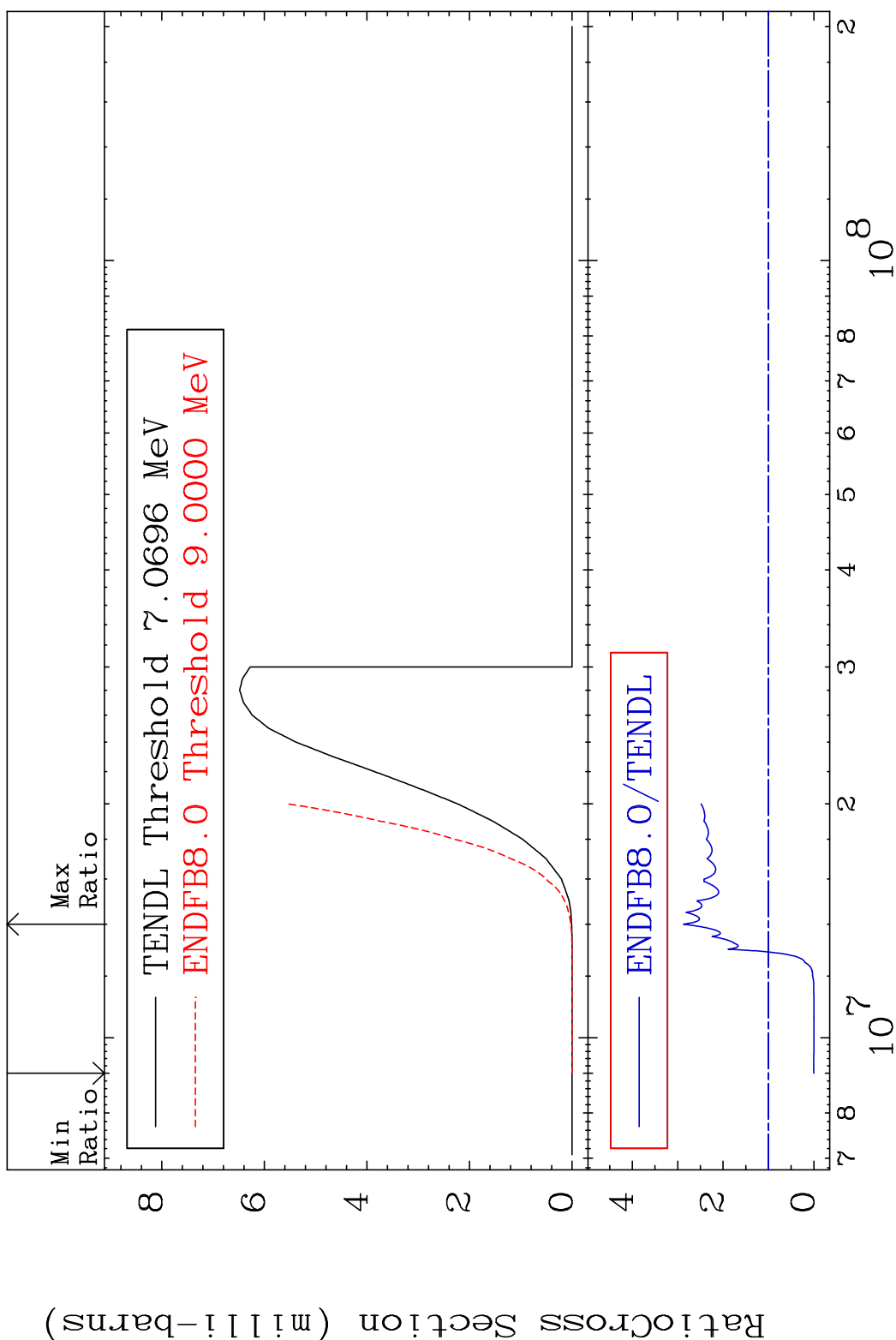


MAT 5646 (n, d) 56-Ba-137
 Cross Section -100.0 To 604.1 %



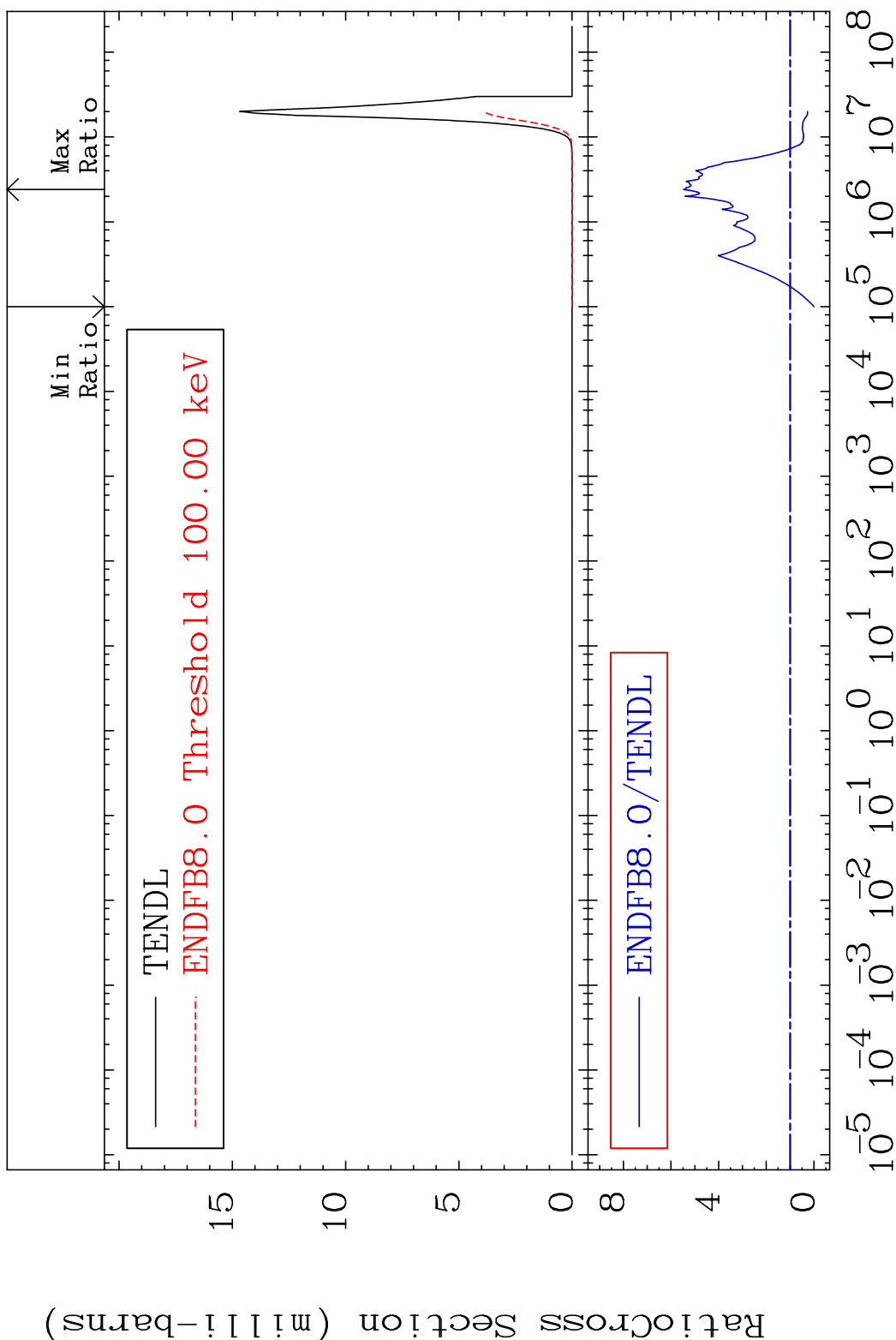
20 Incident Energy (eV) 56-Ba-137

MAT 5646 (n, t) 56-Ba-137
 Cross Section -100.0 To 187.4 %



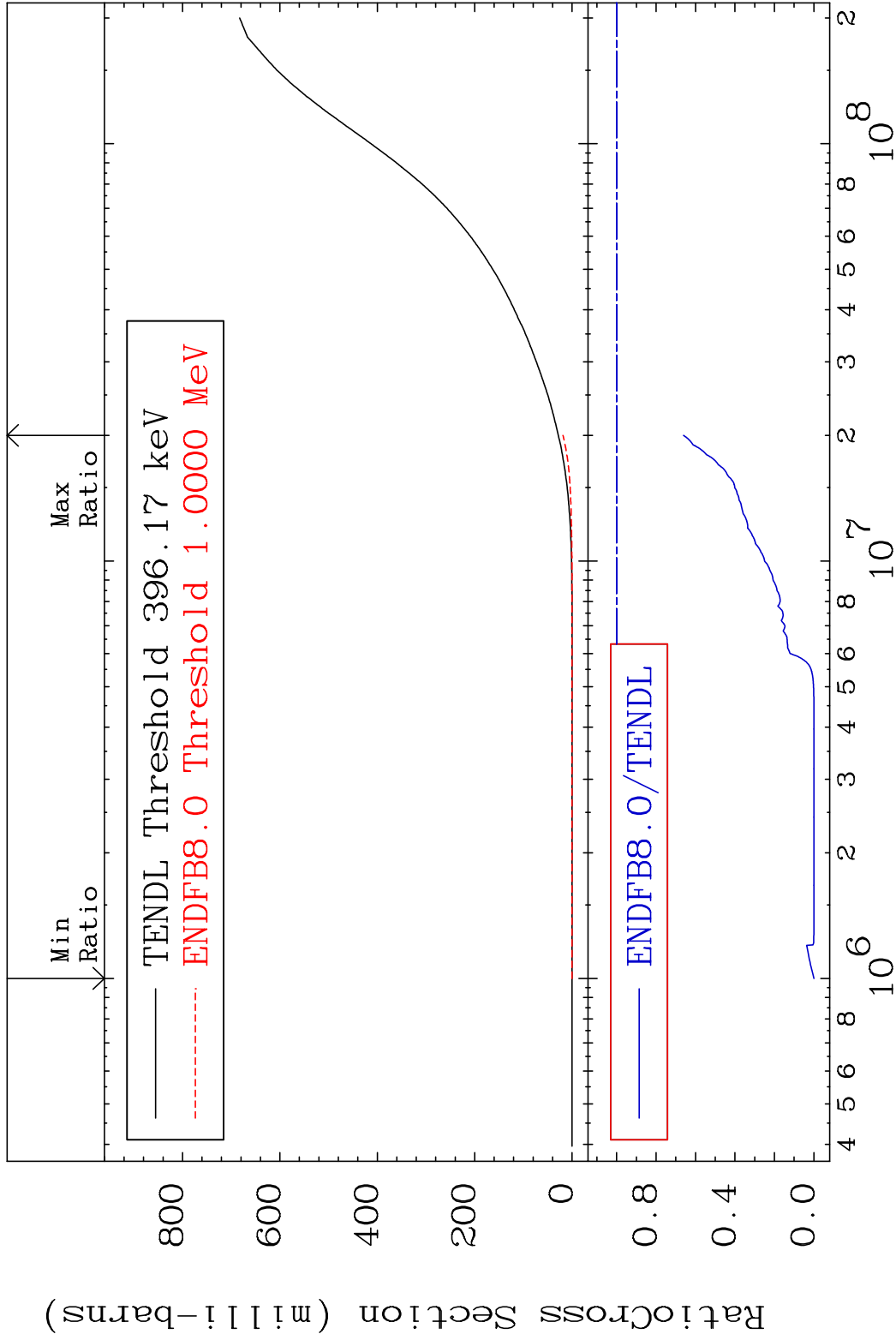
21 56-Ba-137

MAT 5646 (n, α) 56-Ba-137
 Cross Section -100.0 To 447.8 %

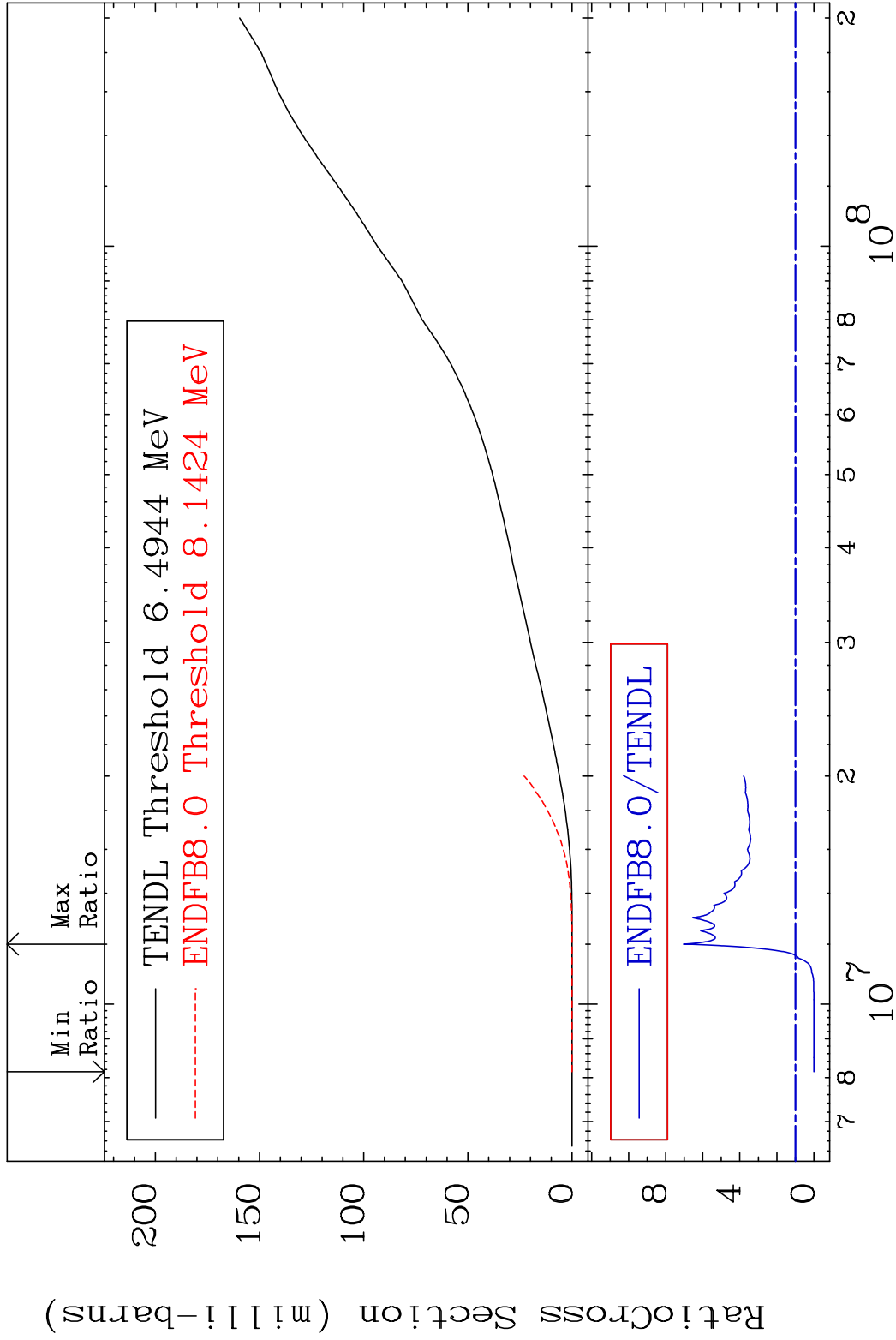


22 Incident Energy (eV) 56-Ba-137

MAT 5646 Hydrogen Production 56-Ba-137
 Cross Section -100.0 To -33.89%

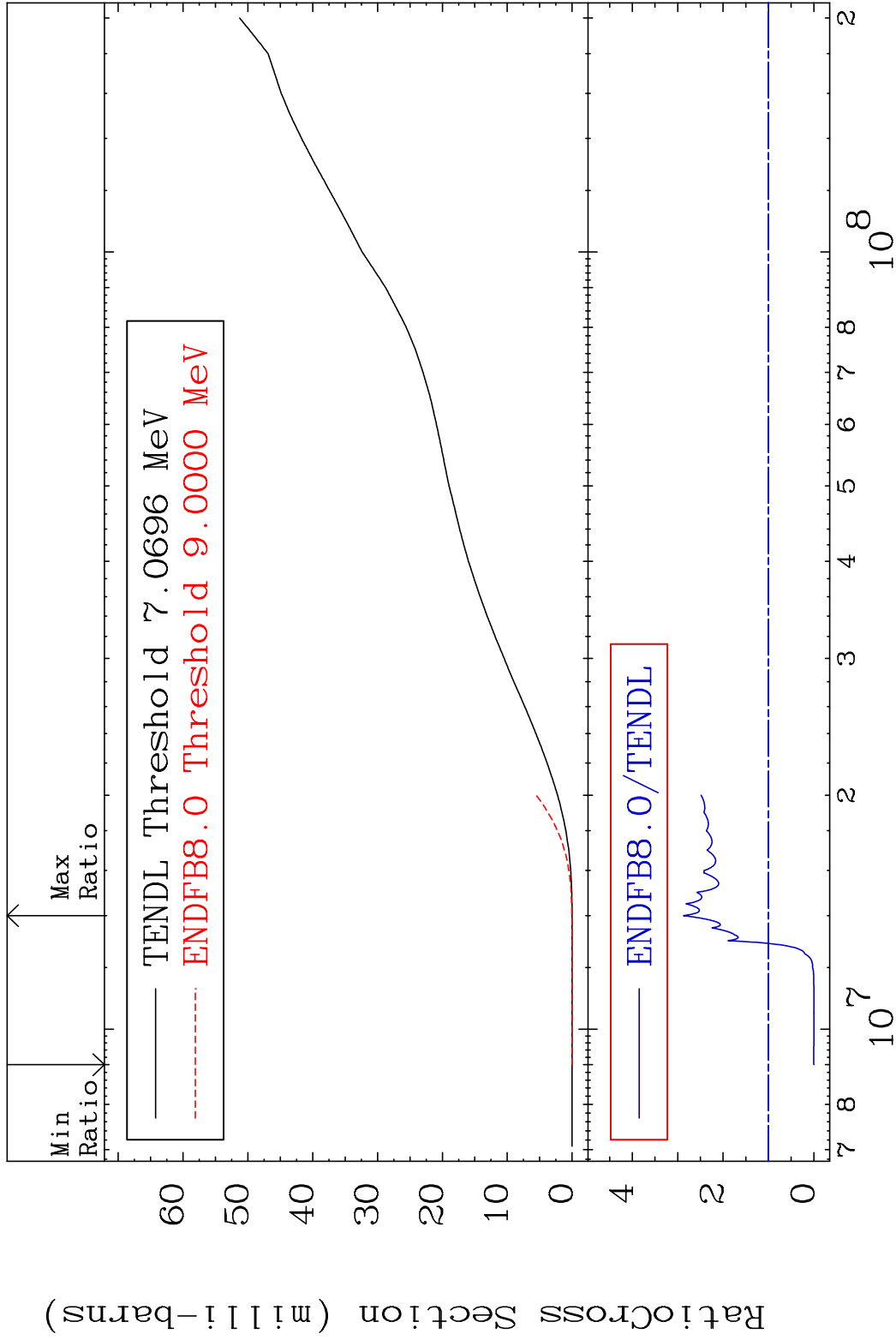


MAT 5646 Deuterium Production 56-Ba-137
 Cross Section -100.0 To 604.1 %



24 Incident Energy (eV) 56-Ba-137

MAT 5646 Tritium Production 56-Ba-137
 Cross Section -100.0 To 187.4 %



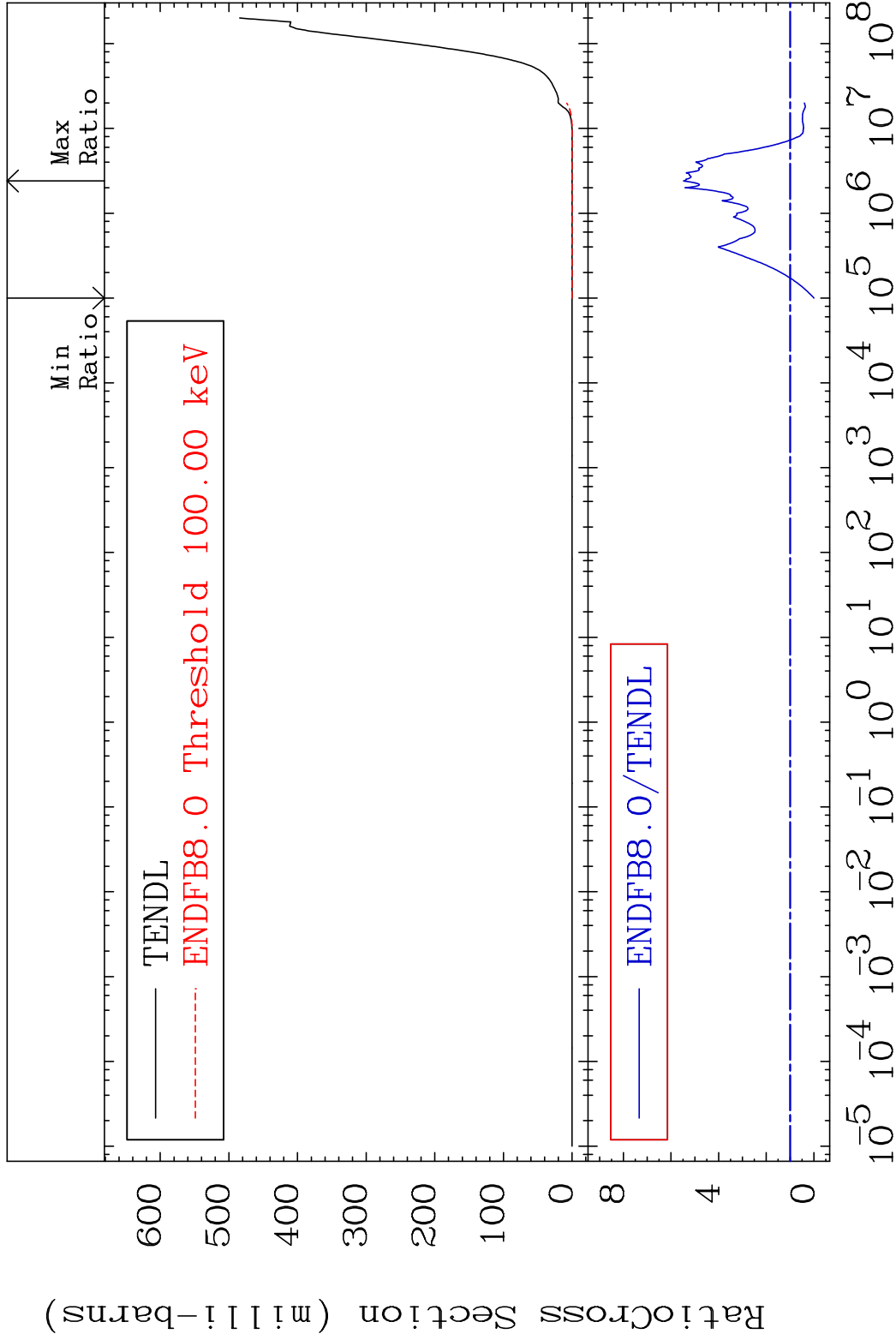
25 Incident Energy (eV) 56-Ba-137

MAT 5646

He-4 Production

56-Ba-137

Cross Section -100.0 To 447.8 %

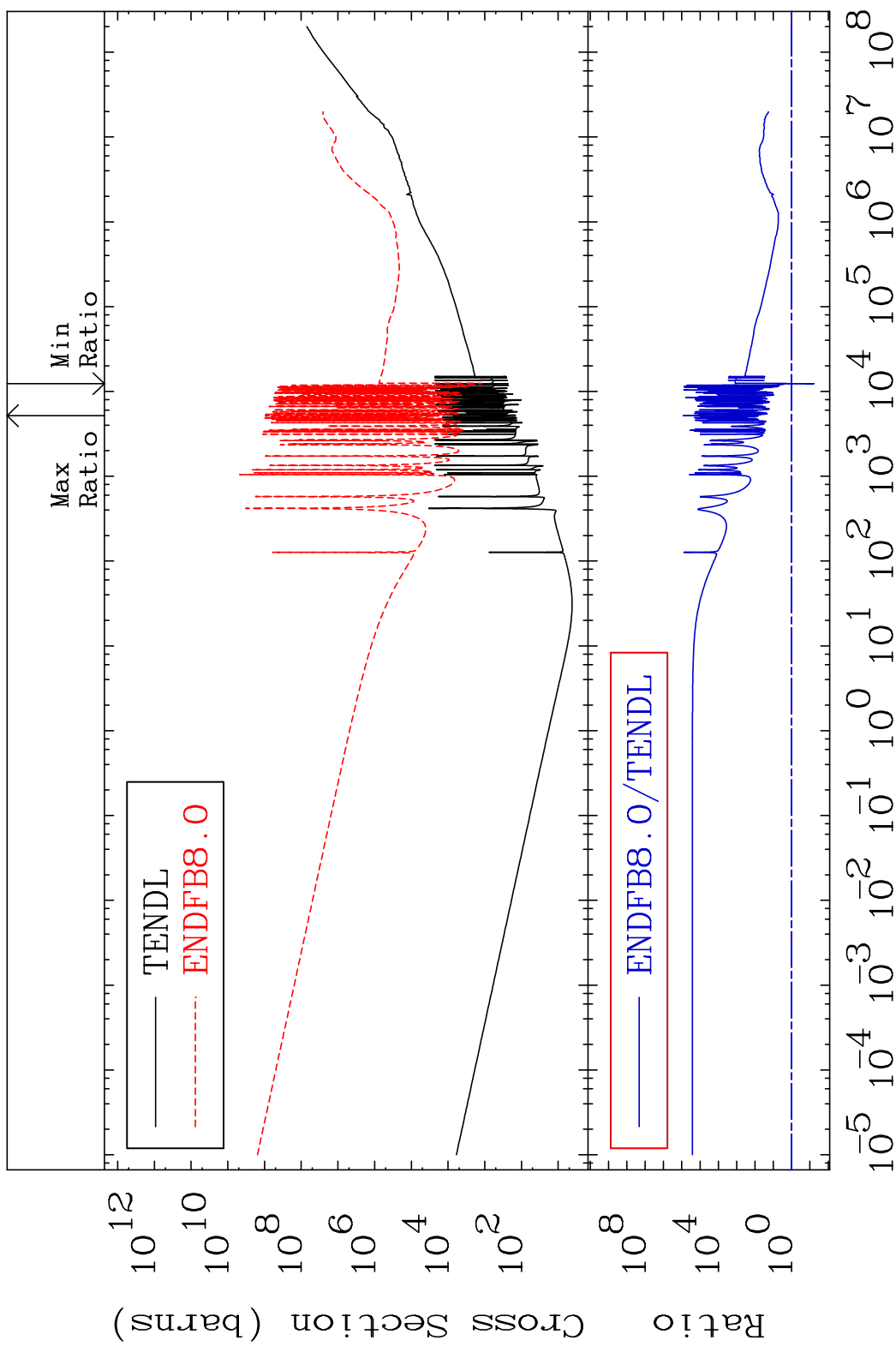


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Incident Energy (eV)

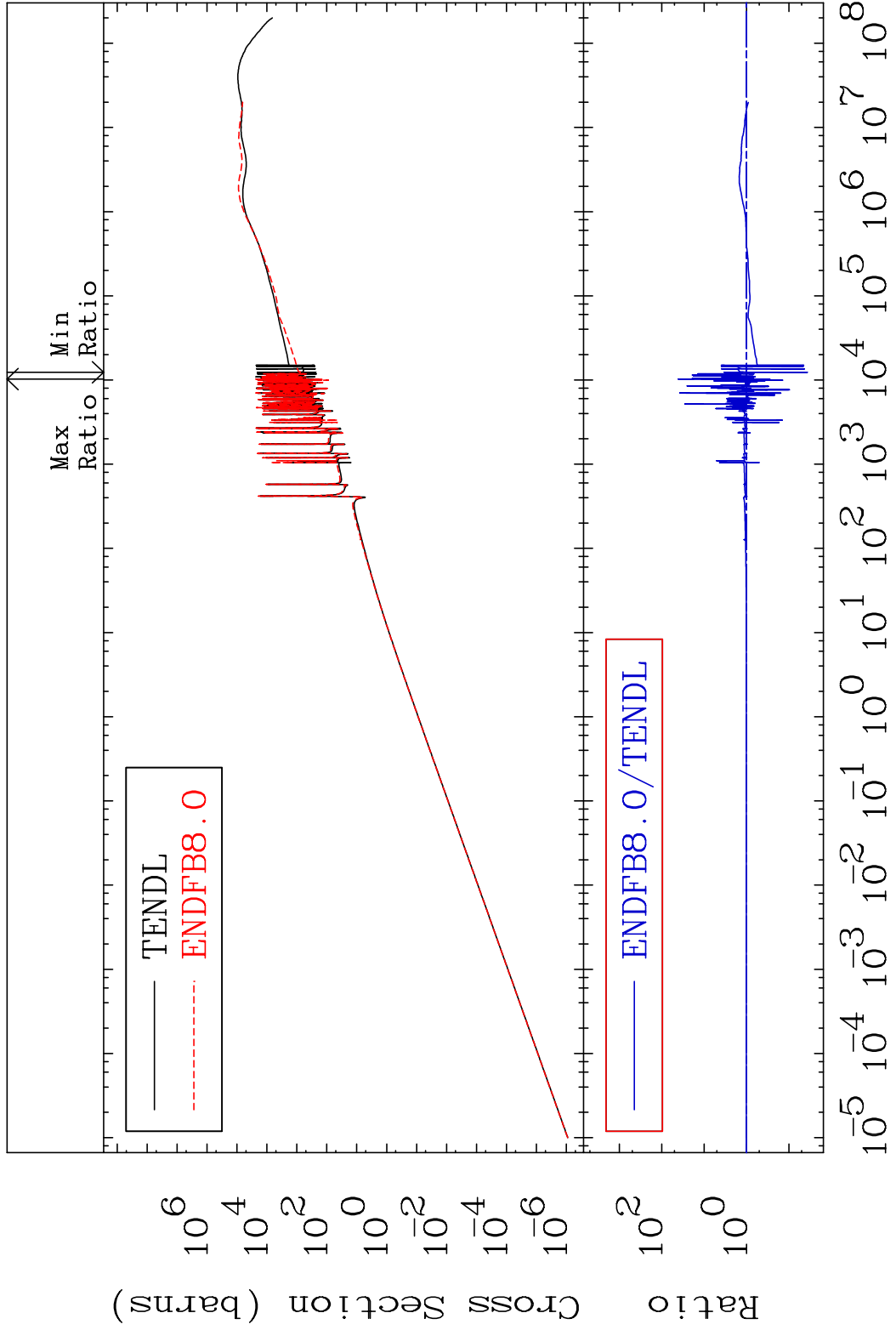
56-Ba-137

MAT 5646 Kerma total (eV-barns) 56-Ba-137
 Cross Section -93.94 To 9999. %



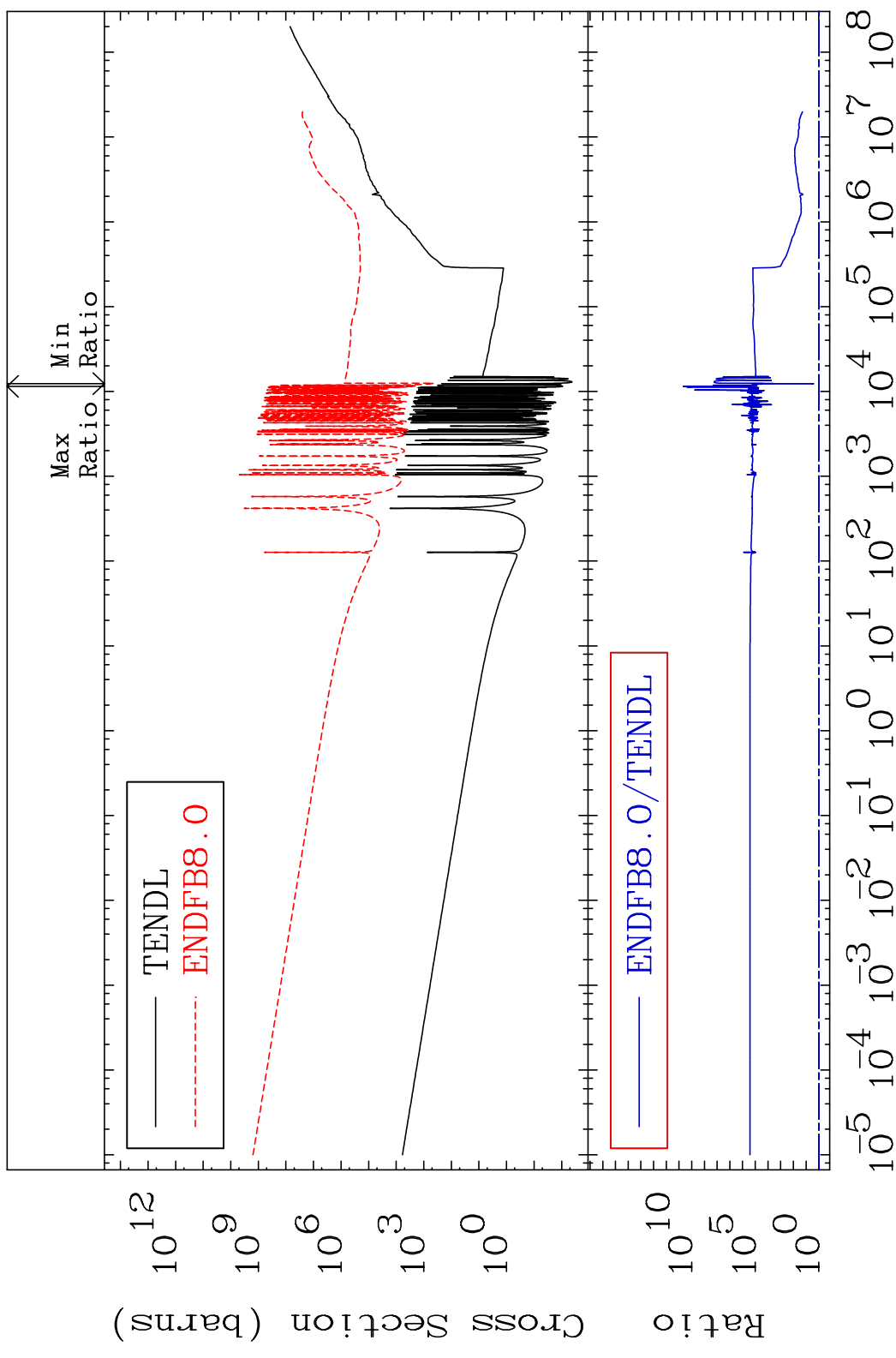
27 Incident Energy (eV) 56-Ba-137

MAT 5646 Kerma elastic 56-Ba-137
 Cross Section -96.40 To 3987. %



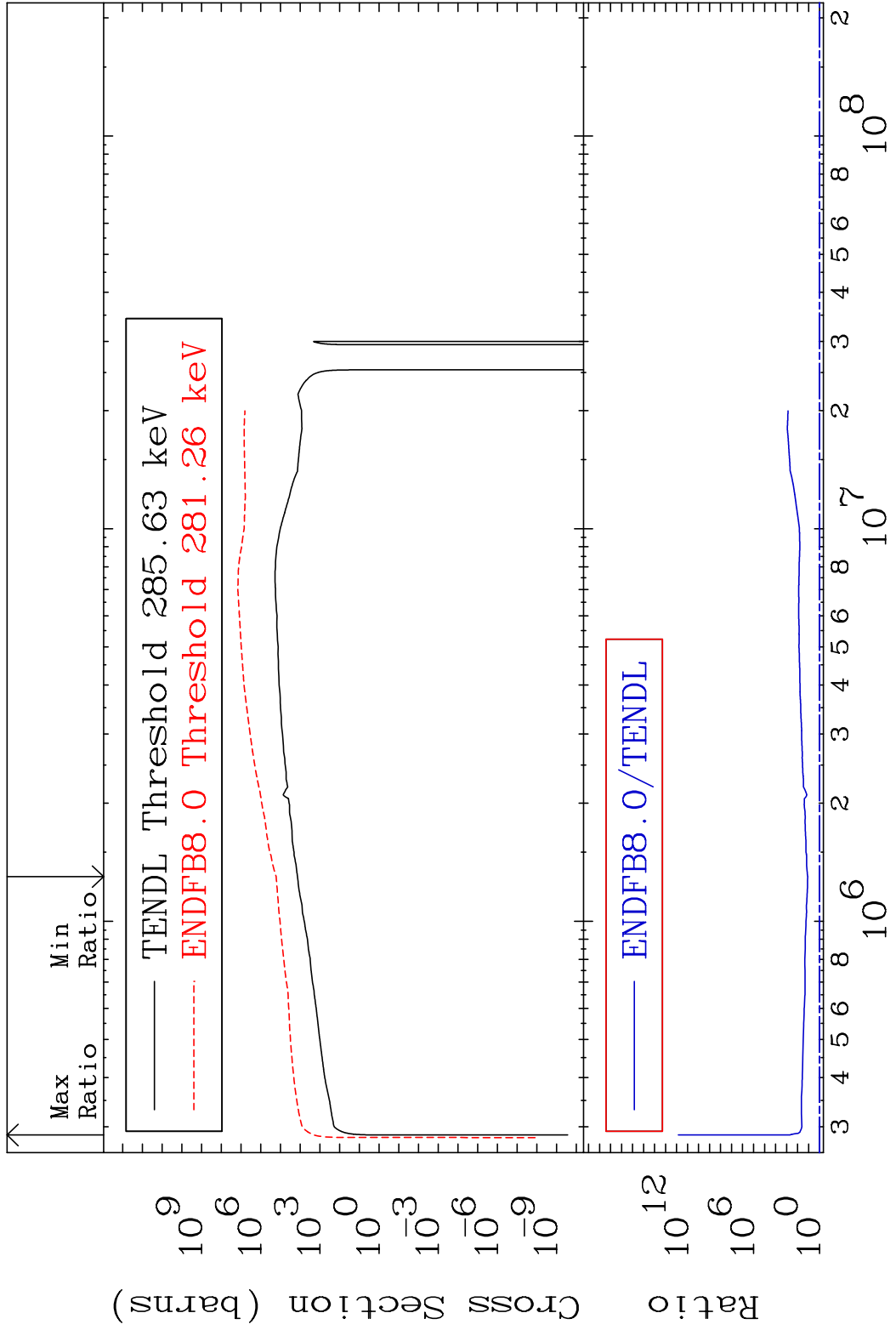
28 Incident Energy (eV) 56-Ba-137

MAT 5646 Kerma non-elastic (all but mt2) 56-Ba-137
 Cross Section 143.0 To 9999. %



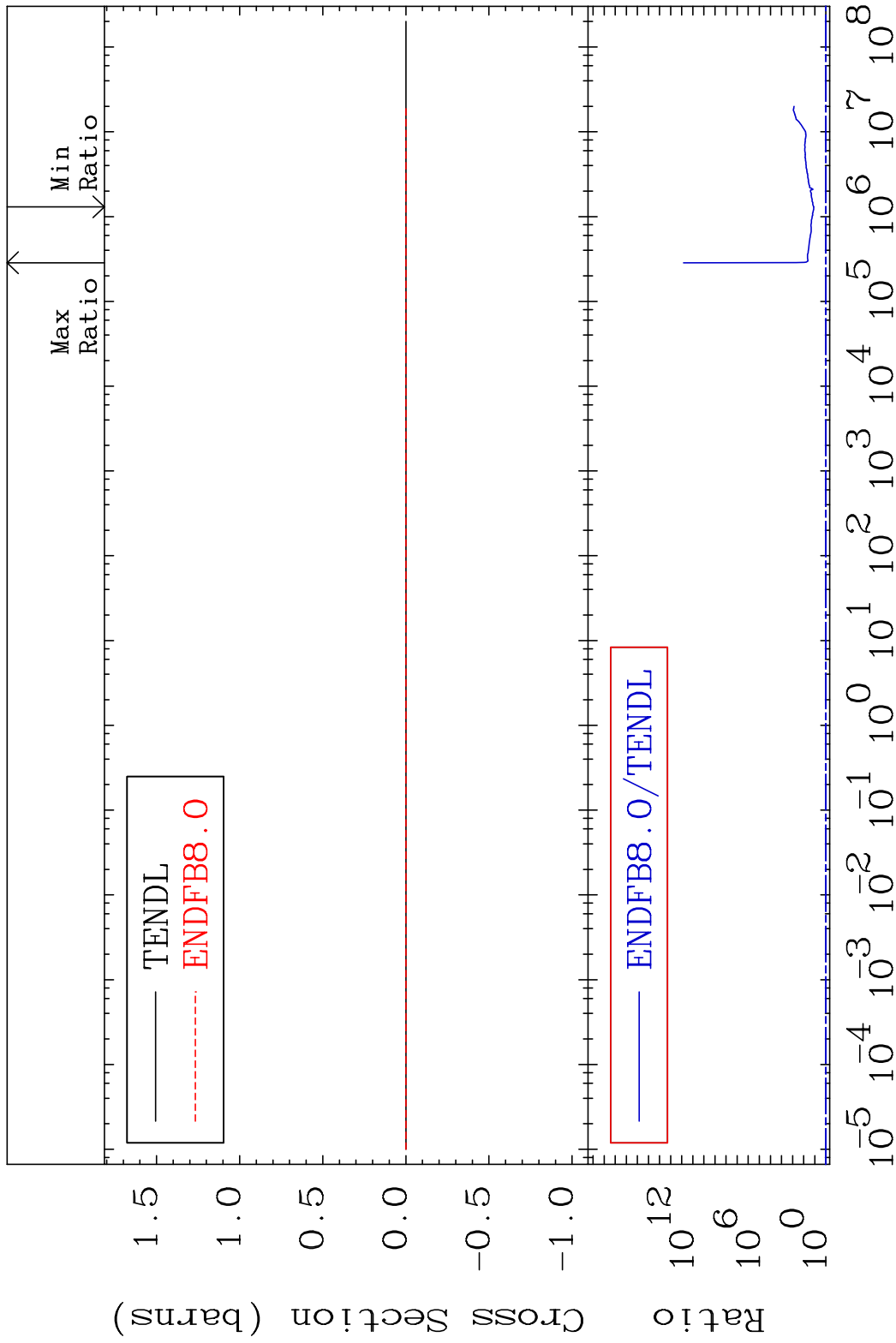
29 Incident Energy (eV) 56-Ba-137

MAT 5646 Kerma inelastic (mt51-91) 56-Ba-137
 Cross Section 1100. To 9999. %

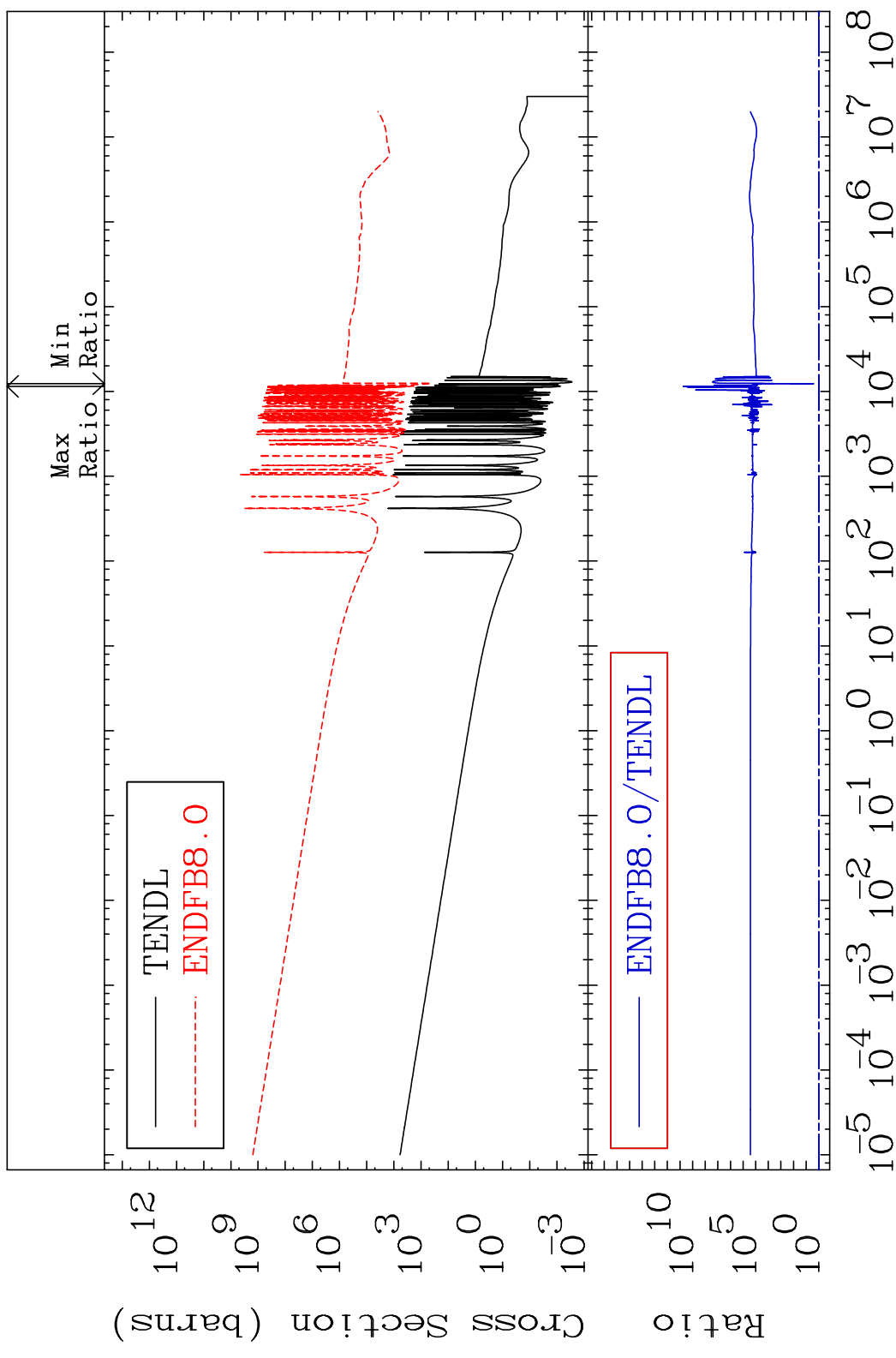


30 30 Incident Energy (eV) 56-Ba-137

MAT 5646 Kerma fission (mt18 or mt19-20-21-38) 56-Ba-137
 Cross Section 1100. To 9999. %

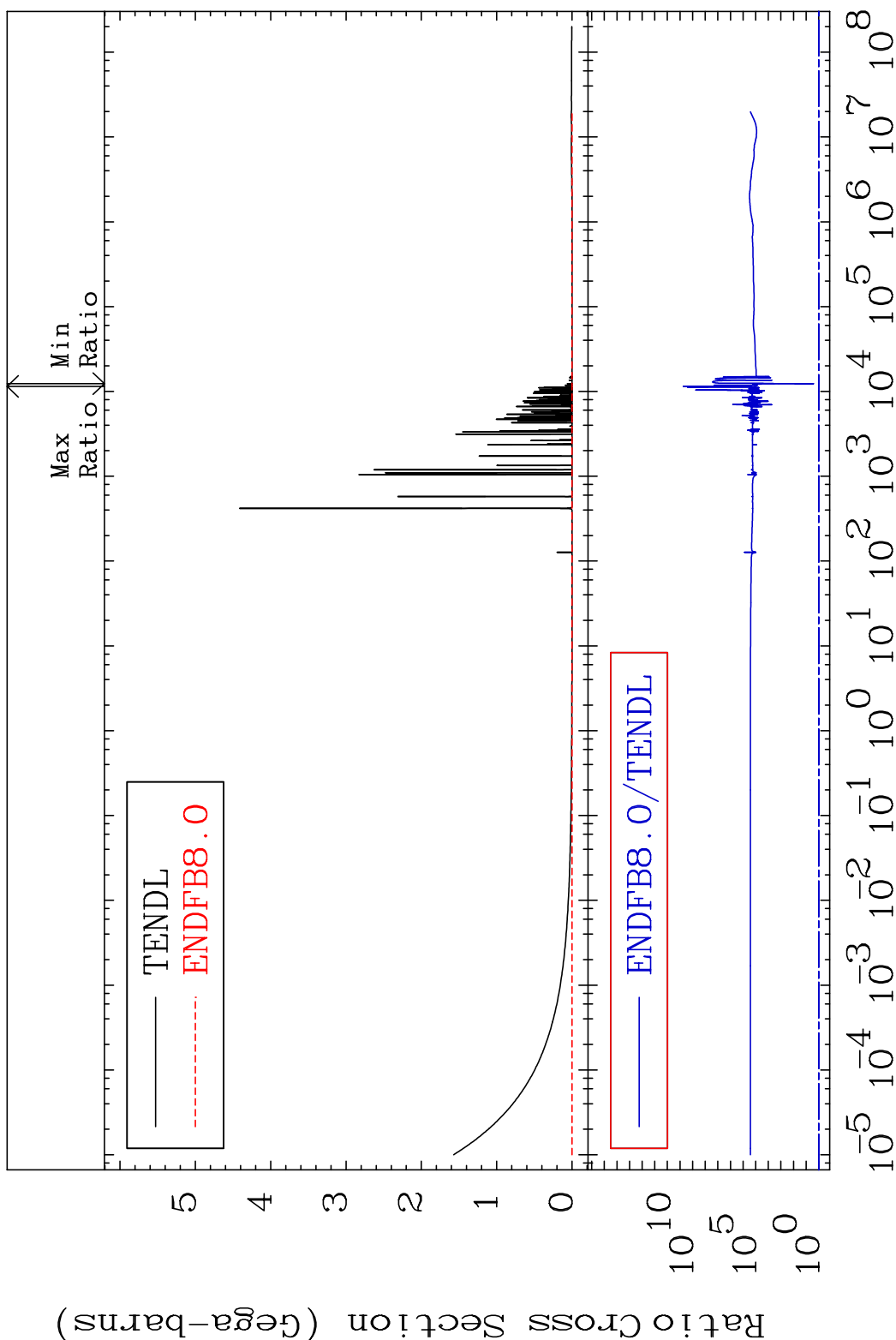


MAT 5646 Kerma capture (mt102) 56-Ba-137
 Cross Section 143.0 To 9999. %



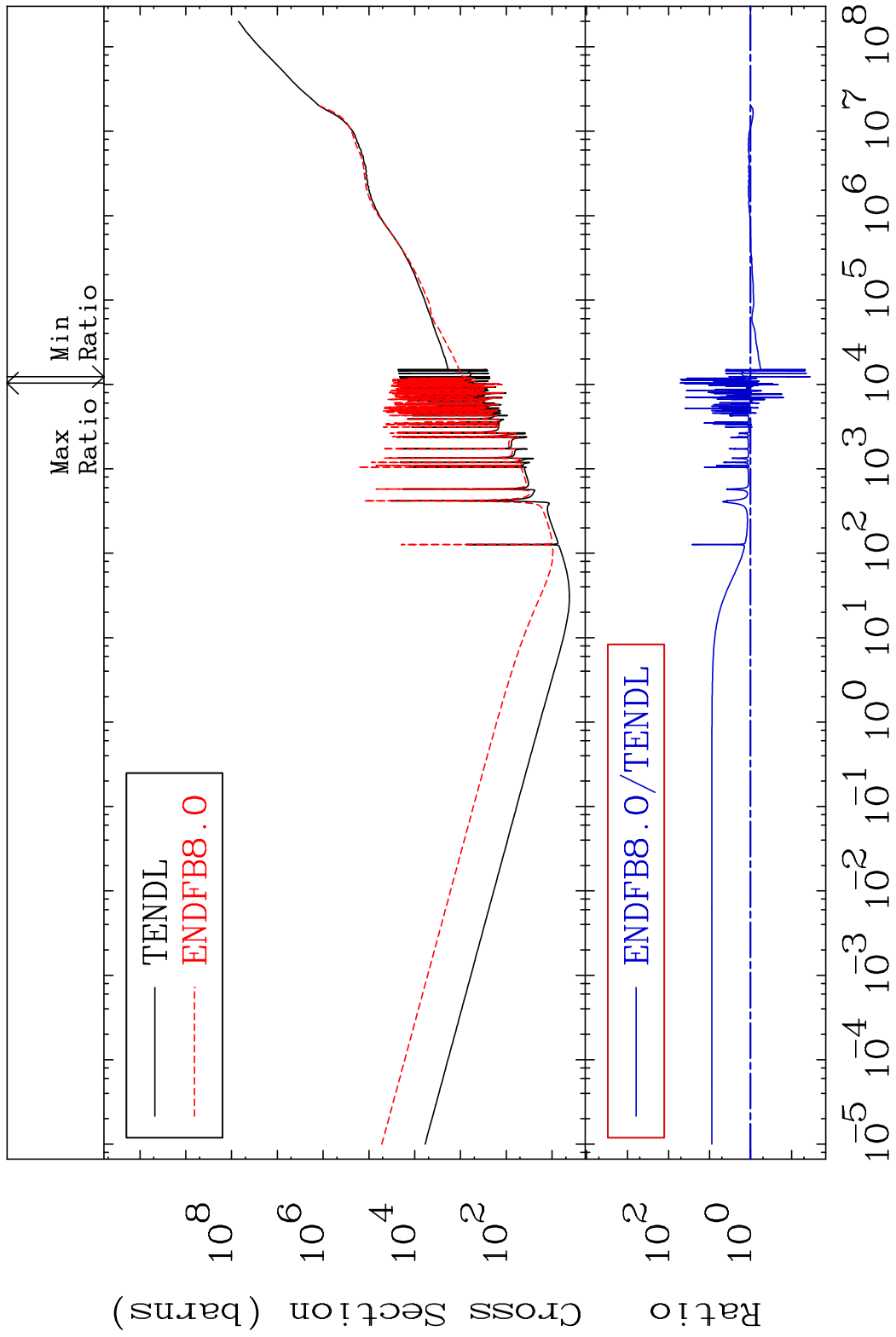
32 Incident Energy (eV) 56-Ba-137

MAT 5646 Total photon (eV-barns) 56-Ba-137
 Cross Section 143.0 To 9999. %



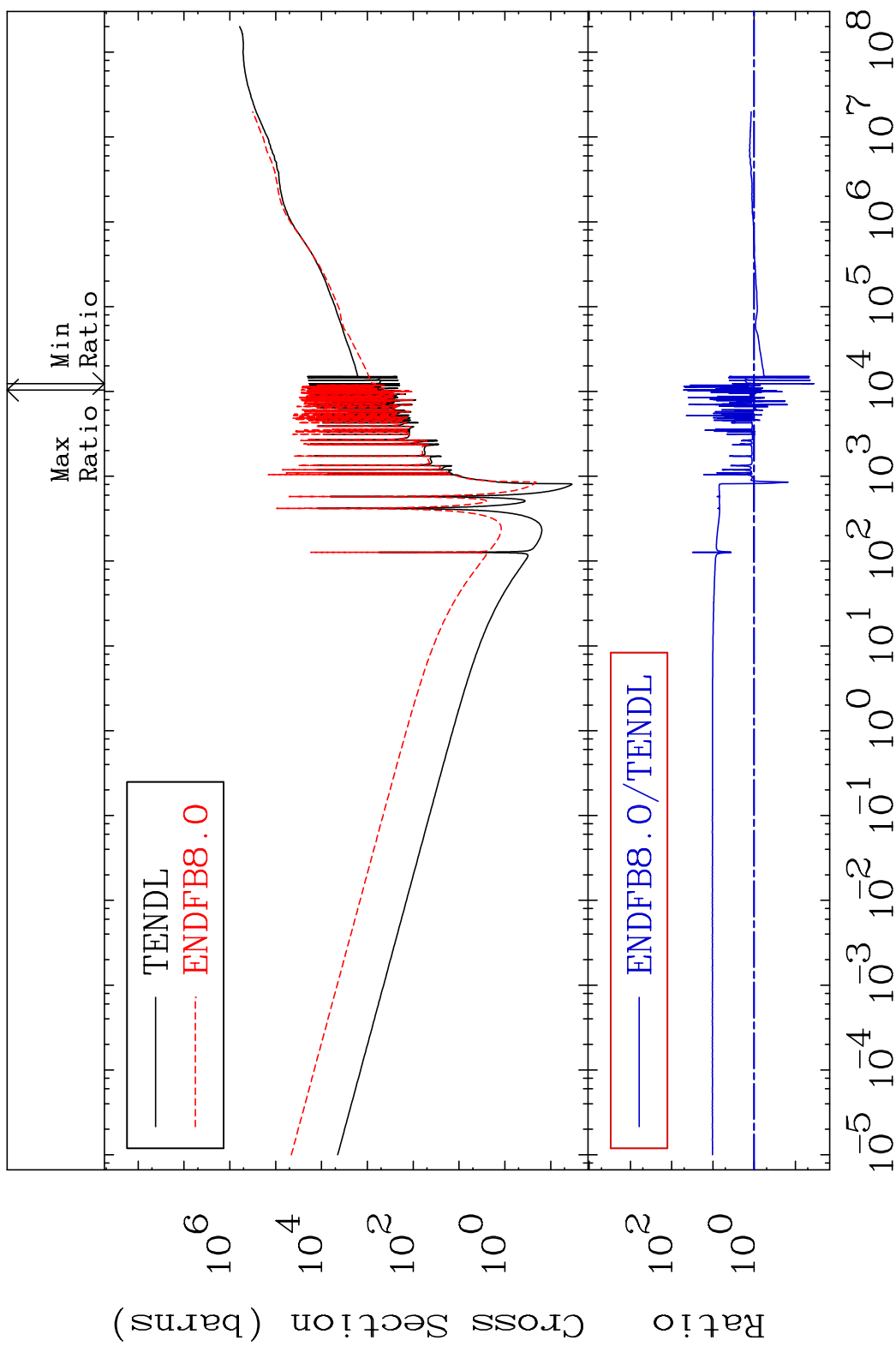
33 Incident Energy (eV) 56-Ba-137

MAT 5646 Total kinematic kerma (high limit) 56-Ba-137
 Cross Section -96.44 To 5096. %



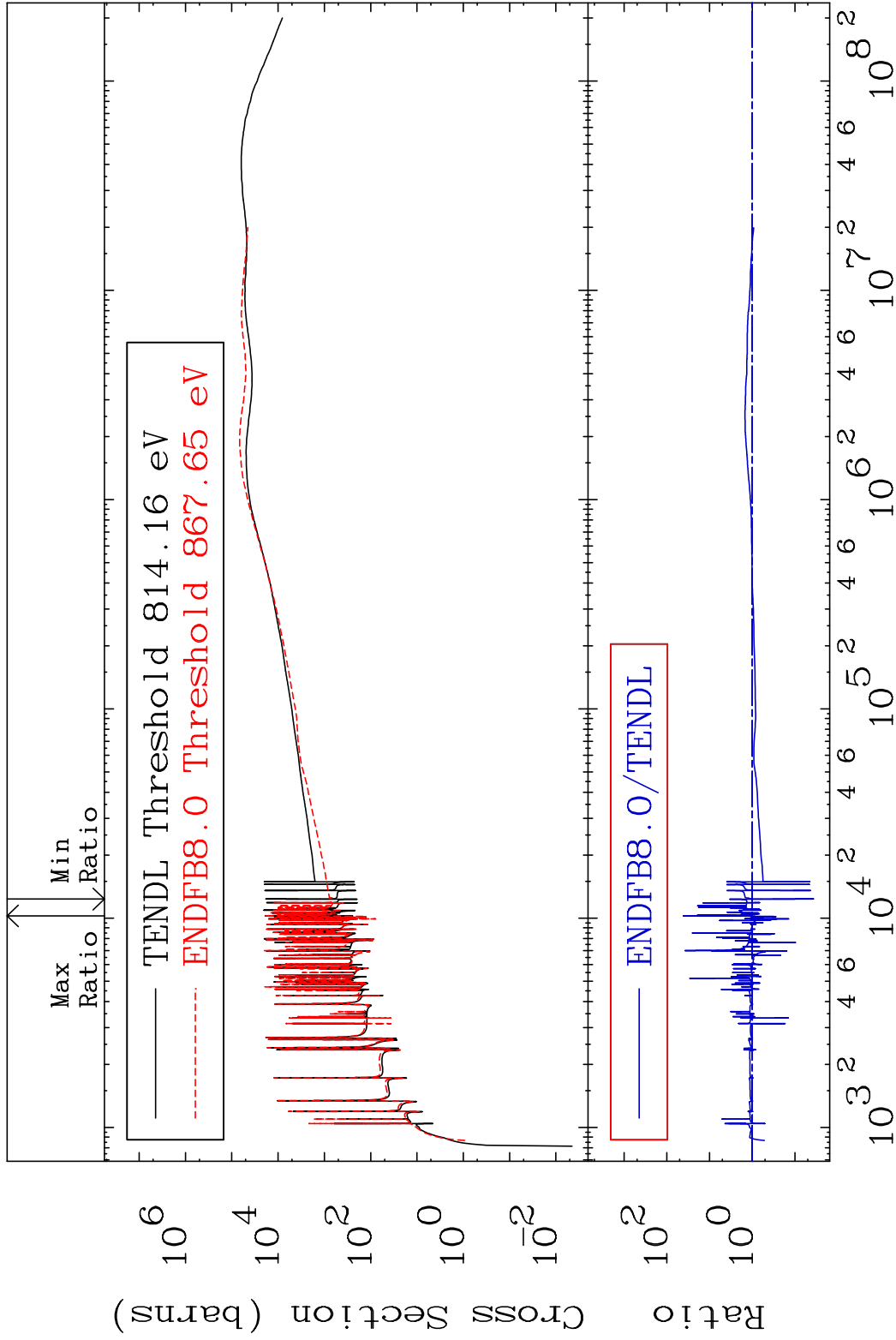
34 Incident Energy (eV) 56-Ba-137

MAT 5646 Dpa total (eV-barns) 56-Ba-137
 Cross Section -96.43 To 5075. %



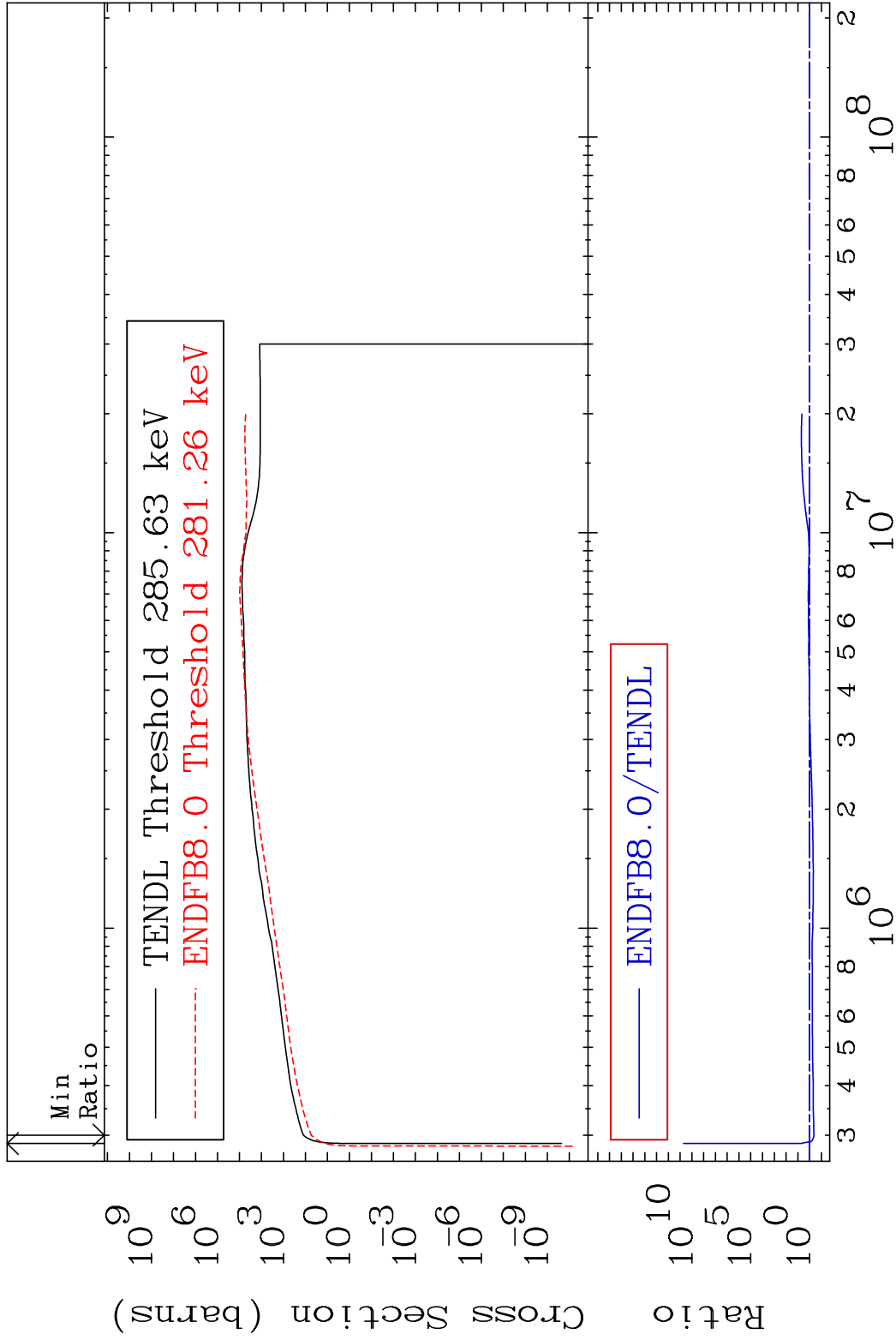
35 Incident Energy (eV) 56-Ba-137

MAT 5646 Dpa elastic (mt2) 56-Ba-137
 Cross Section -96.40 To 3986. %



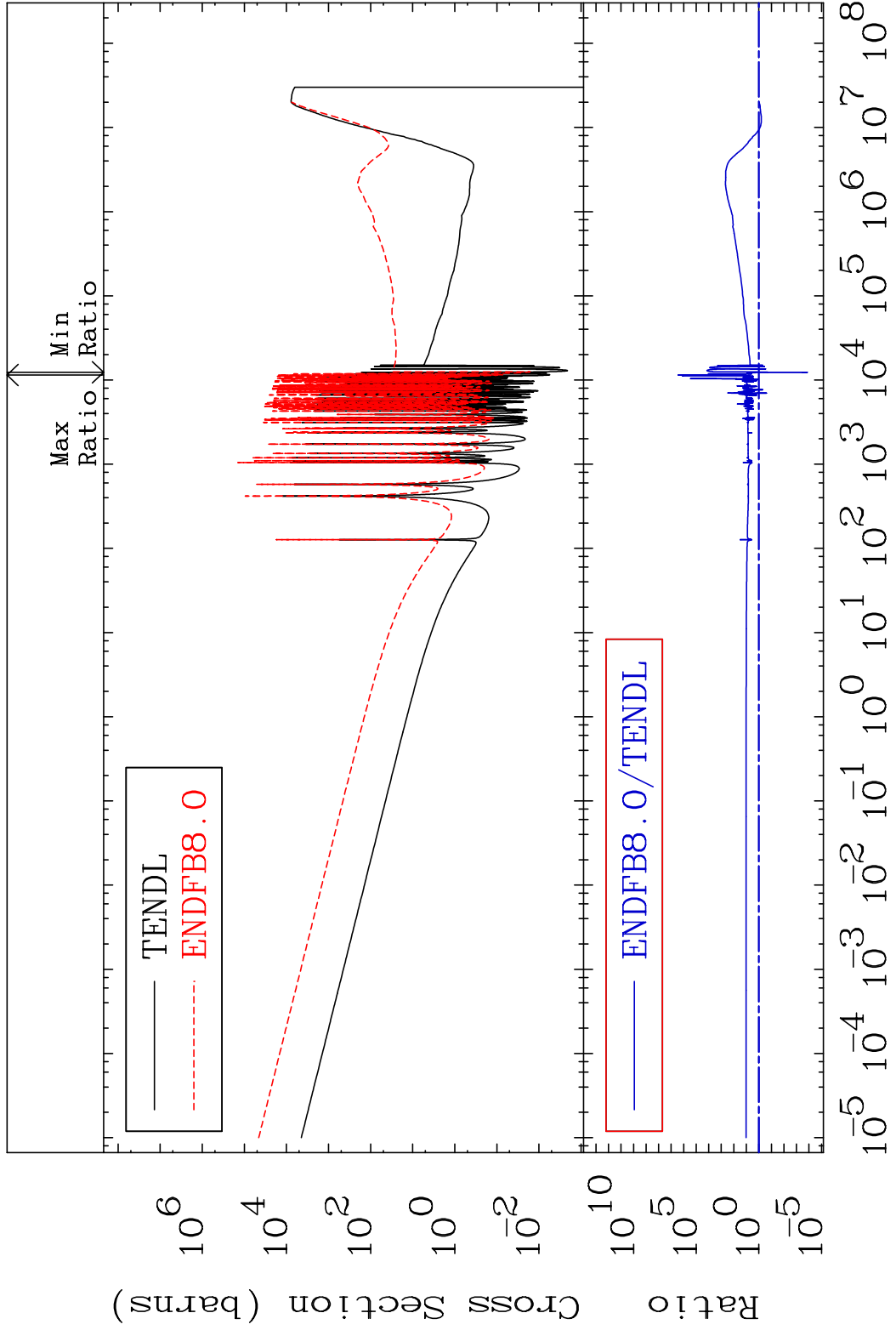
36 Incident Energy (eV) 56-Ba-137

MAT 5646 Dpa inelastic (mt51-91) 56-Ba-137
 Cross Section -56.57 To 9999. %



37 Incident Energy (eV) 56-Ba-137

MAT 5646 Dpa disappearance (mt102 -120) 56-Ba-137
 Cross Section -99.99 To 9999. %



38 Incident Energy (eV) 56-Ba-137