

Program Complot
(Version 2021-1)

by

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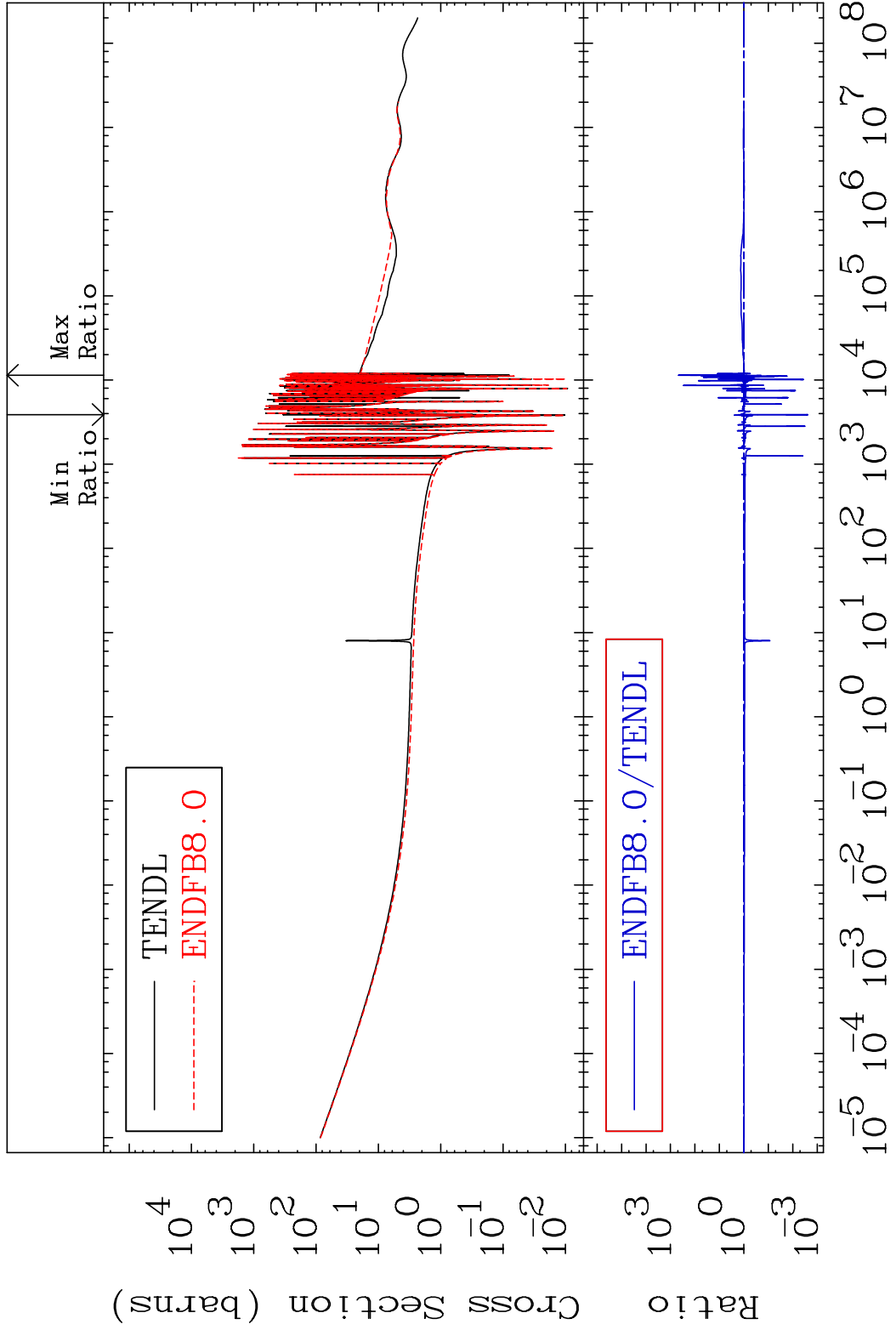
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6225 Total 62-Sm-144
 Cross Section -99.76 To 9999. %



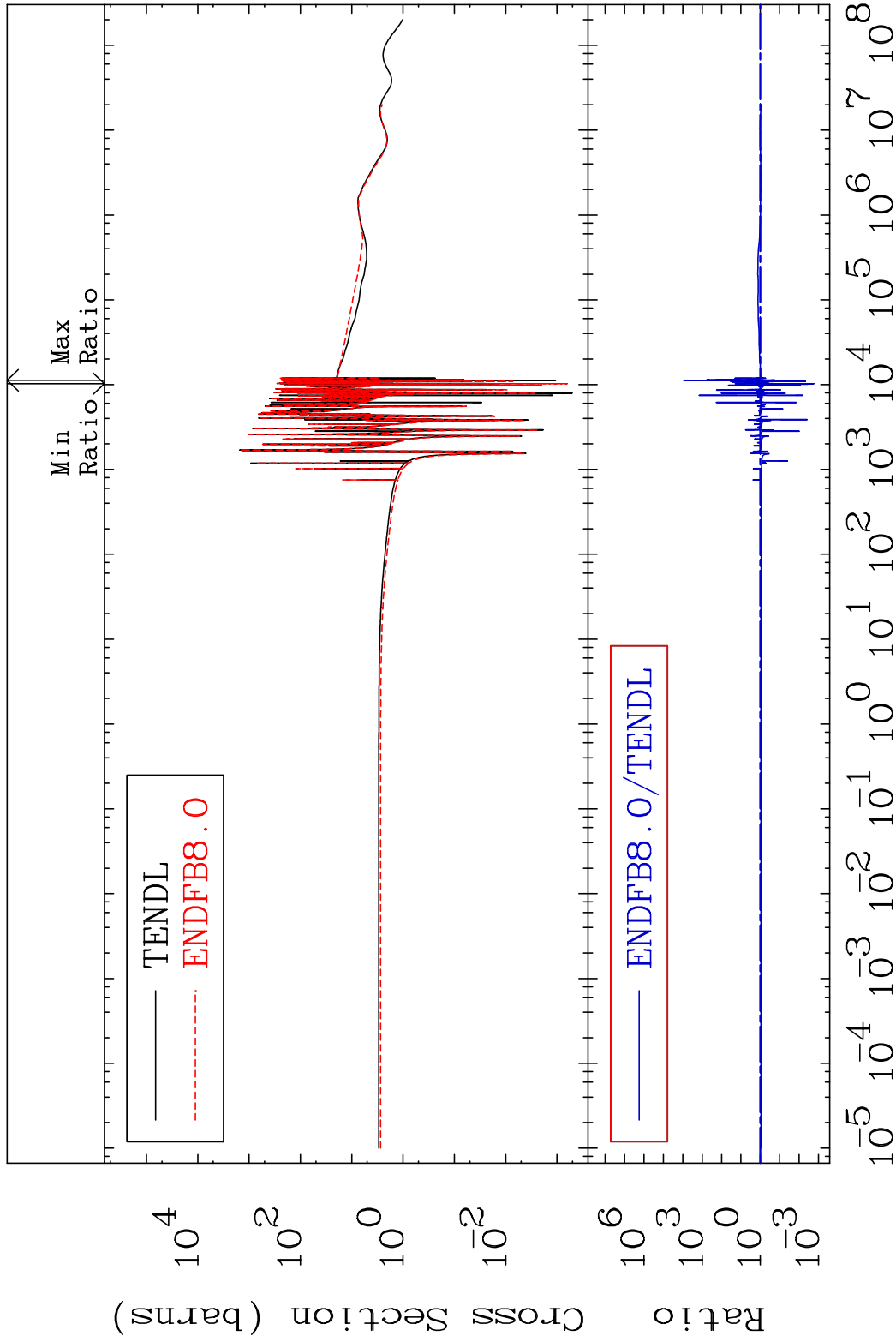
1 Incident Energy (eV) 62-Sm-144

MAT 6225

Elastic

62-Sm-144

Cross Section -99.83 To 9999. %

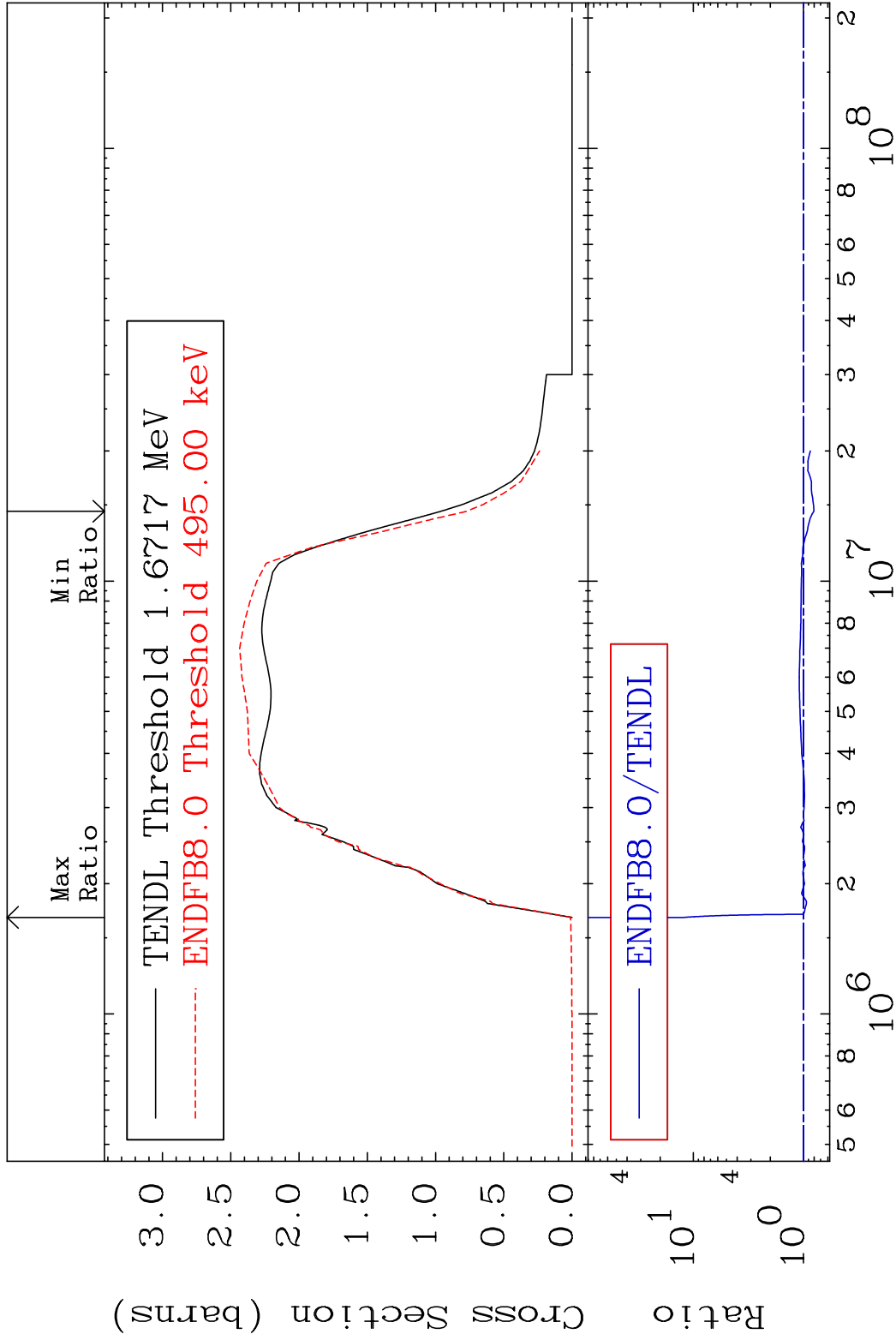


2

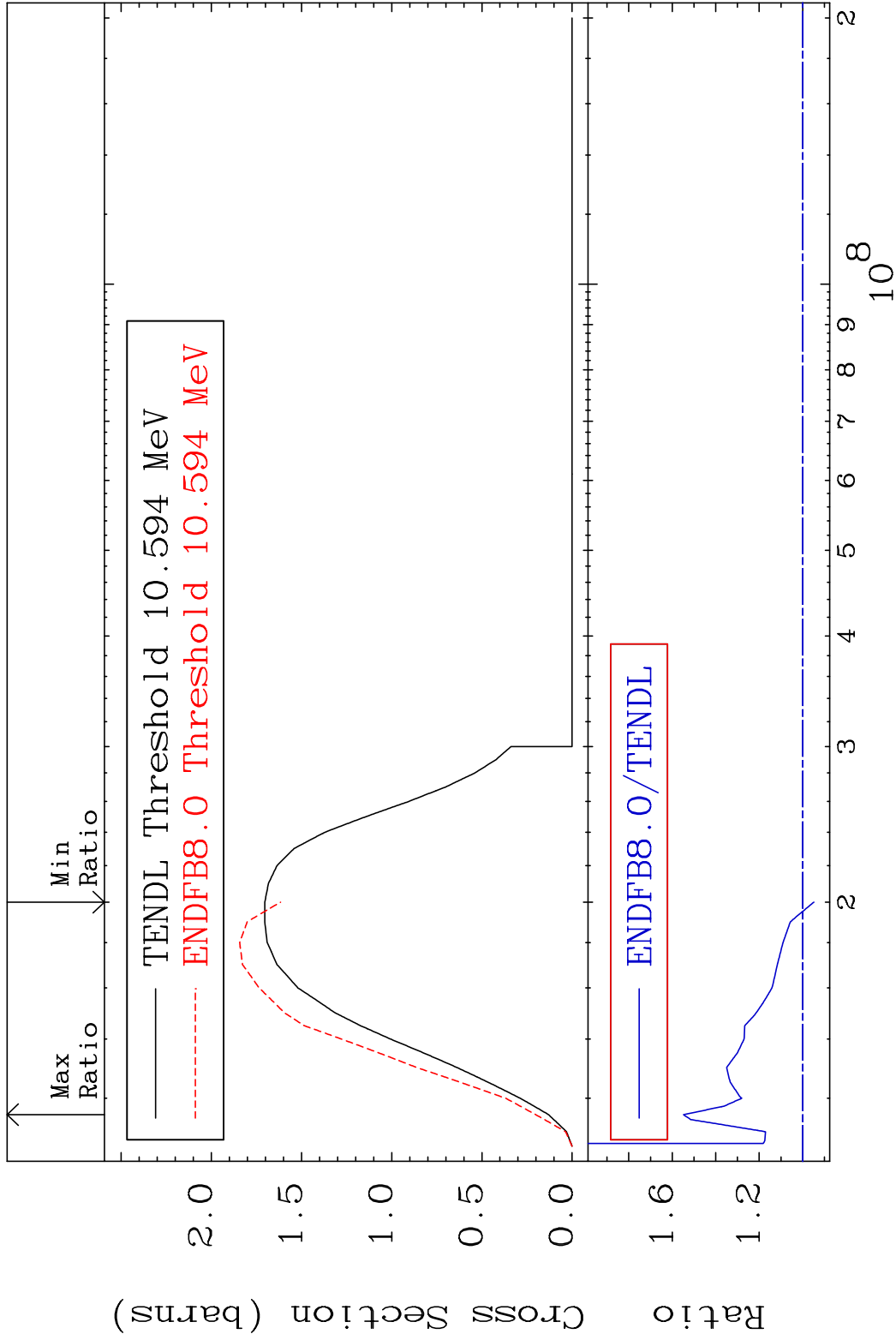
Incident Energy (eV)

62-Sm-144

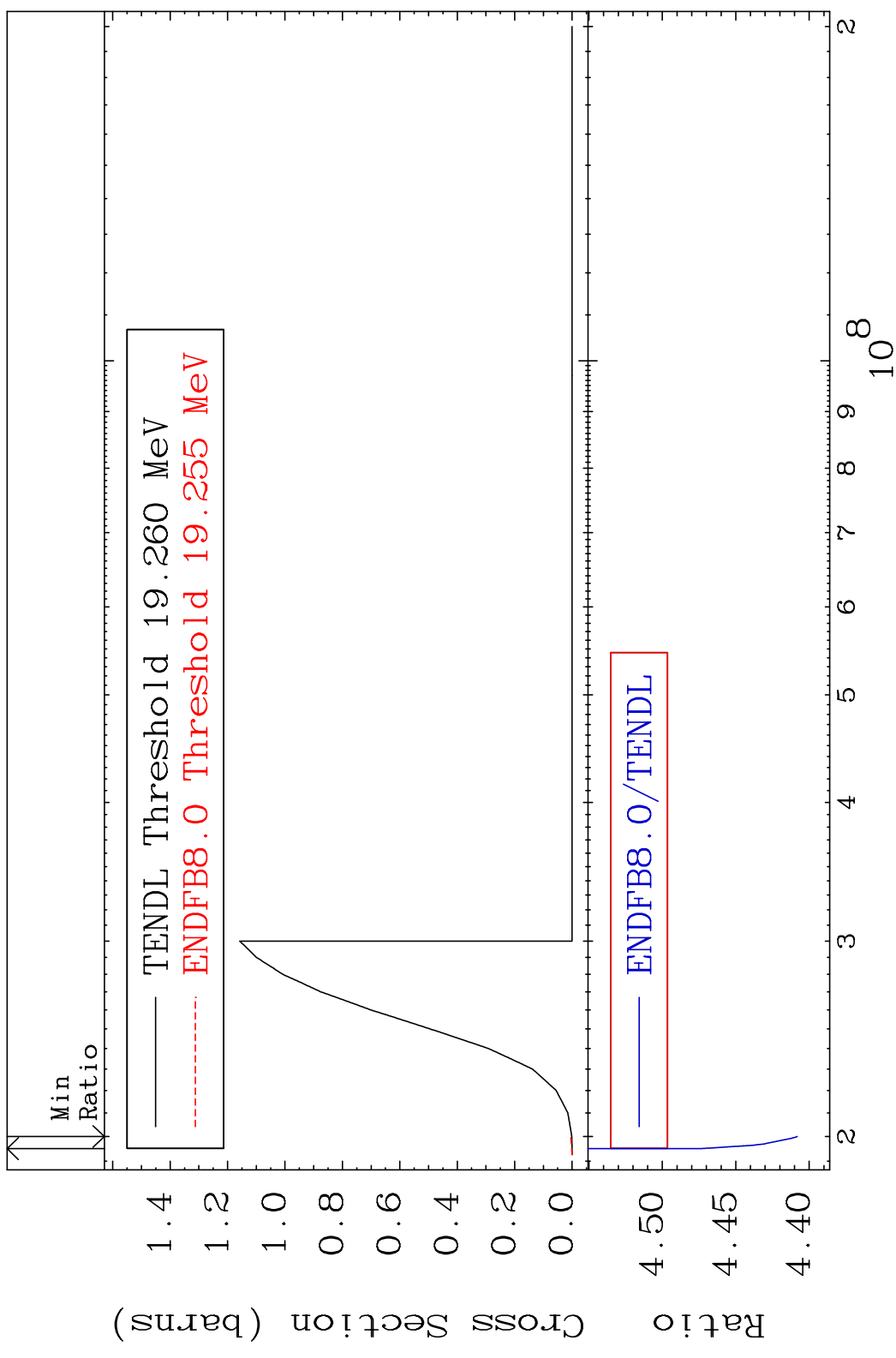
MAT 6225 Inelastic 62-Sm-144
 Cross Section -19.57 To 1129. %

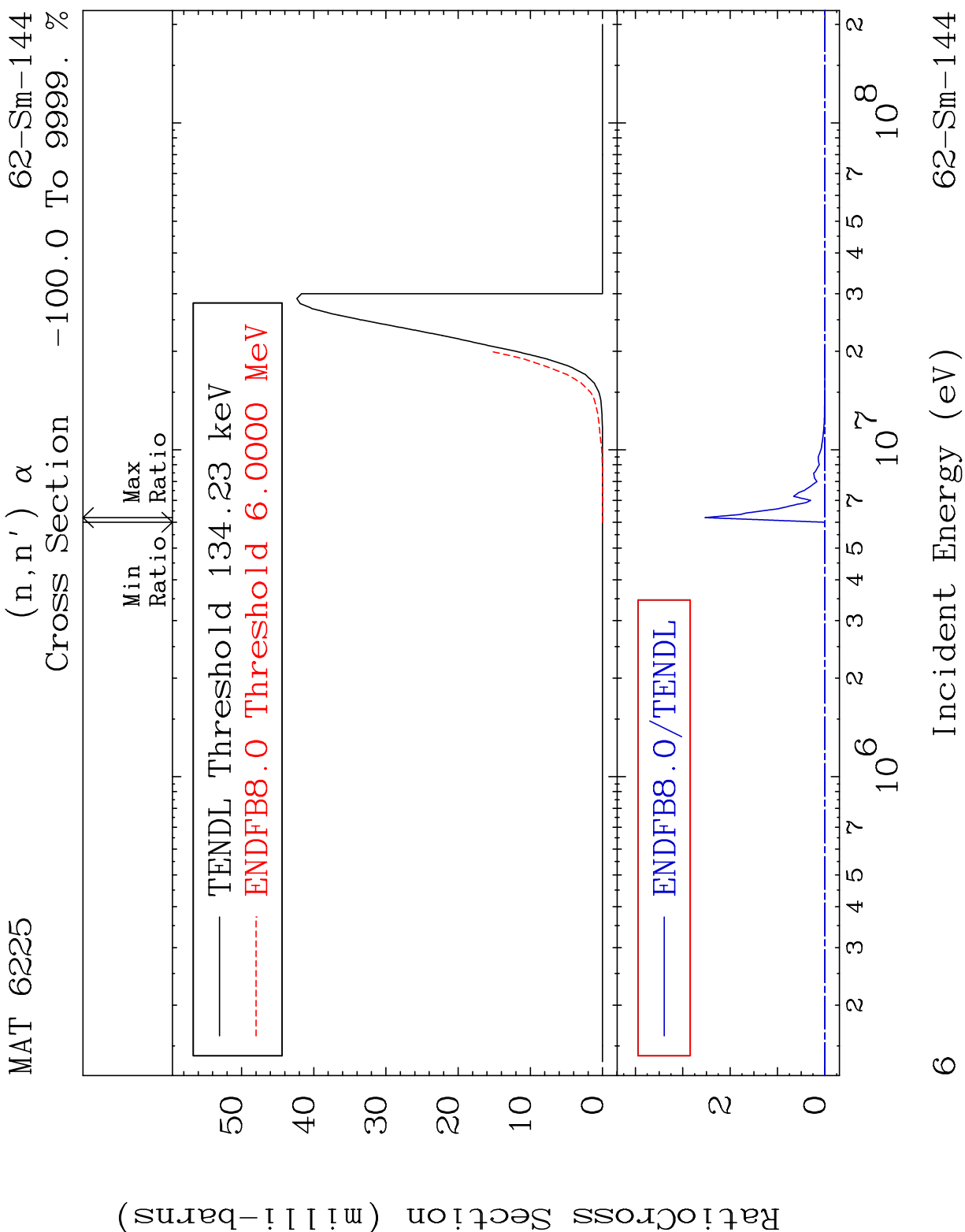


MAT 6225 (n,2n) 62-Sm-144
 Cross Section -5.145 To 54.84 %

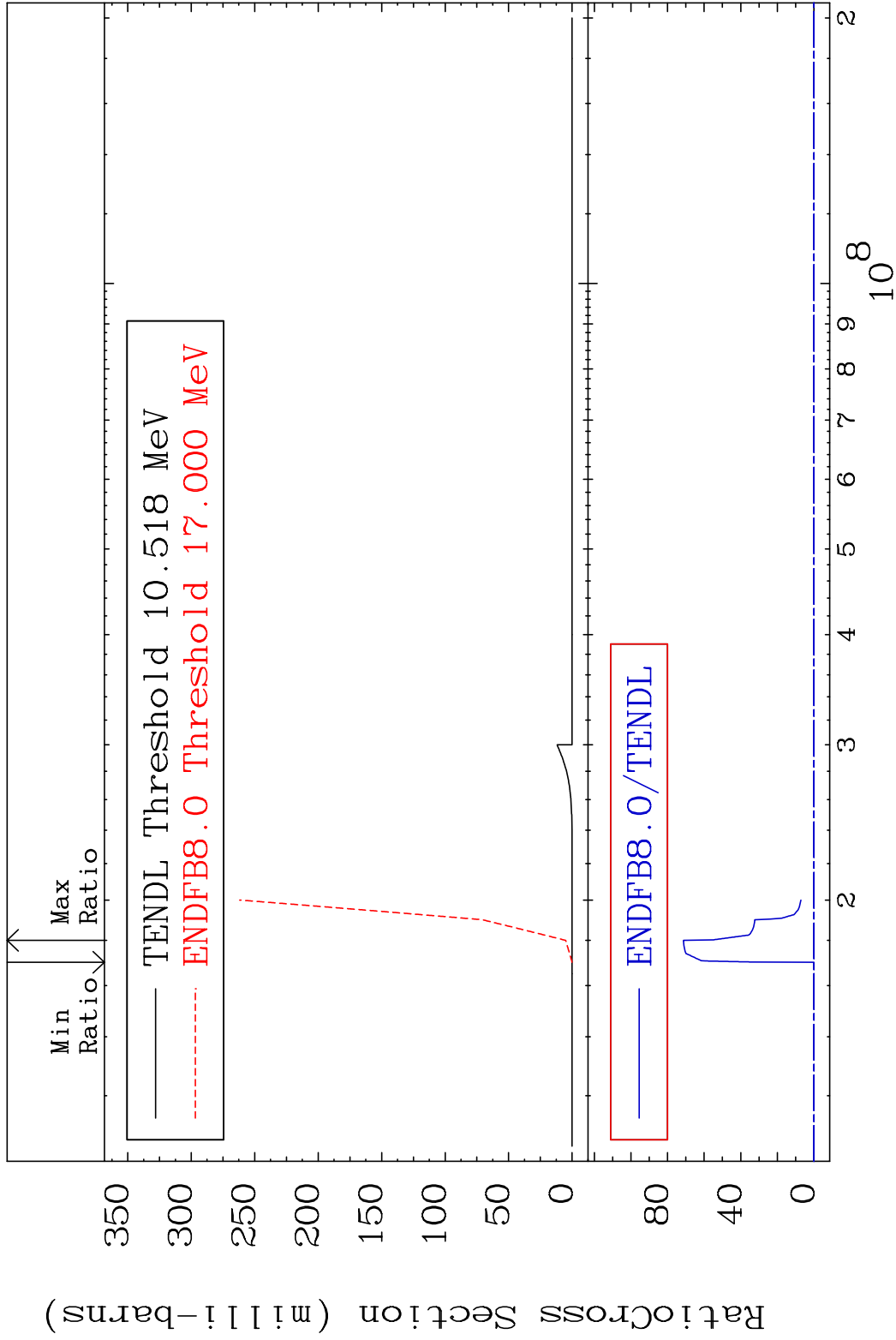


MAT 6225 (n,3n) 62-Sm-144
 Cross Section 340.8 To 347.4 %

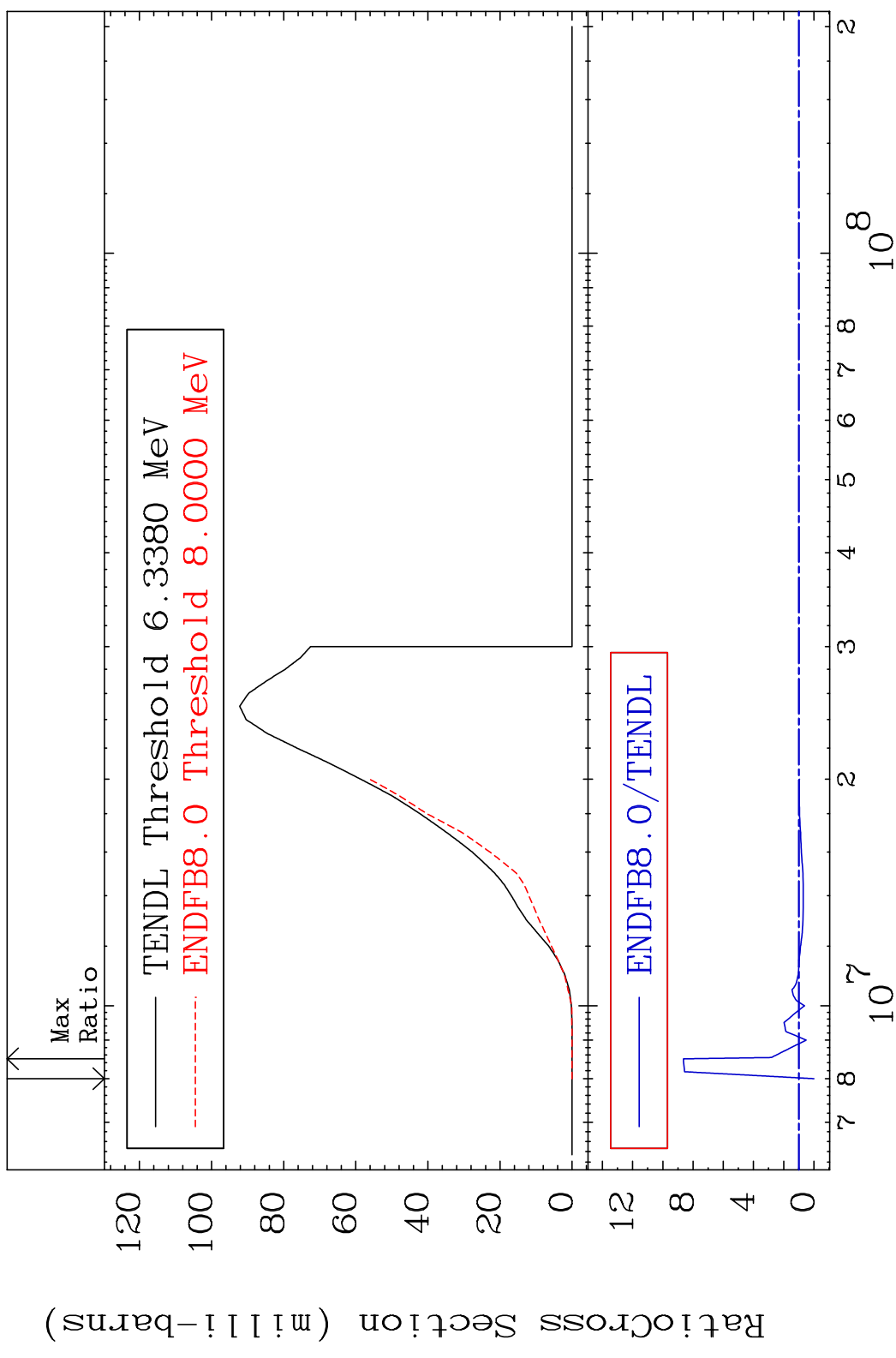




MAT 6225 (n,2n) α 62-Sm-144
 Cross Section -100.0 To 9999. %

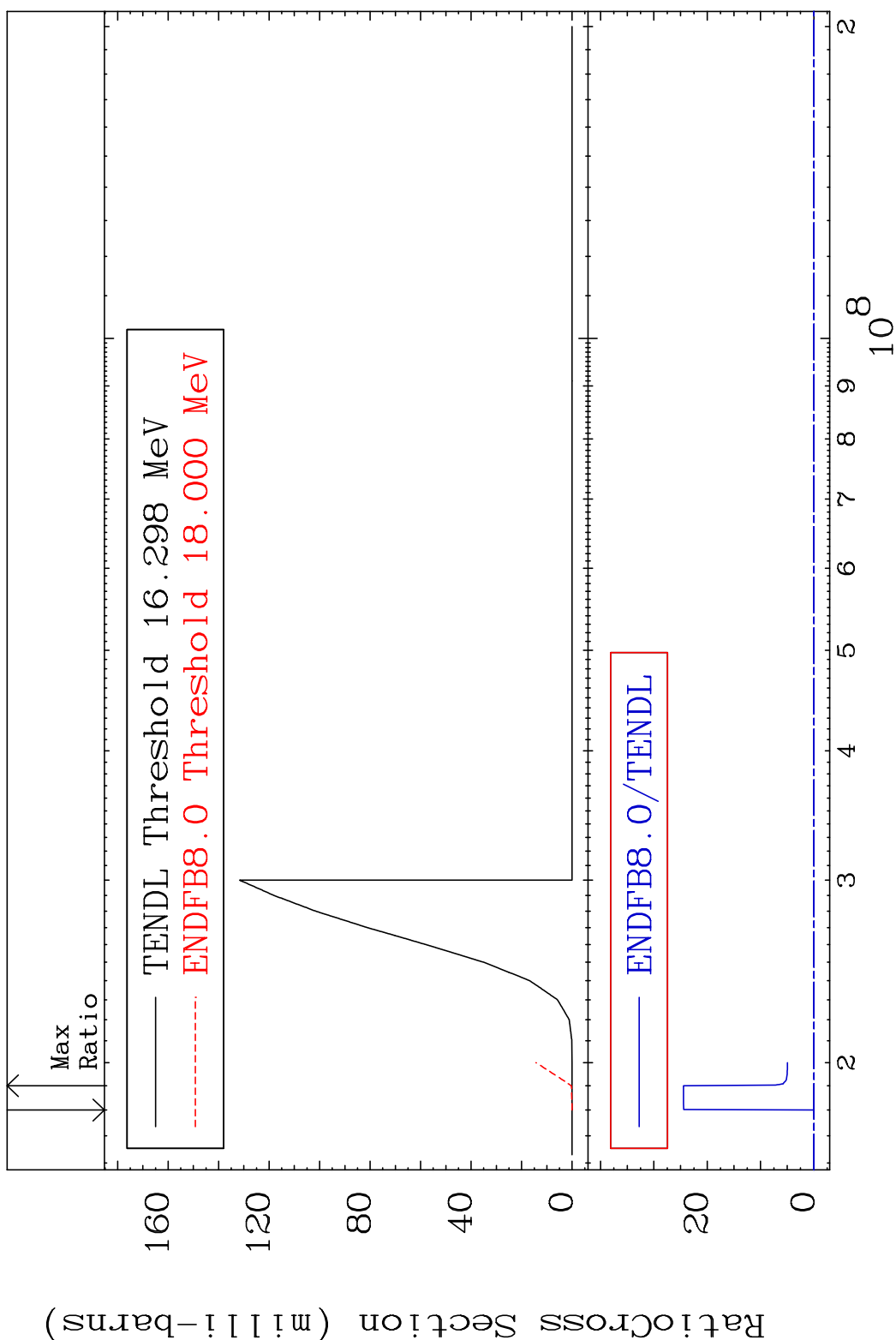


MAT 6225 (n, n') p 62-Sm-144
Cross Section -100.0 To 763.4 %



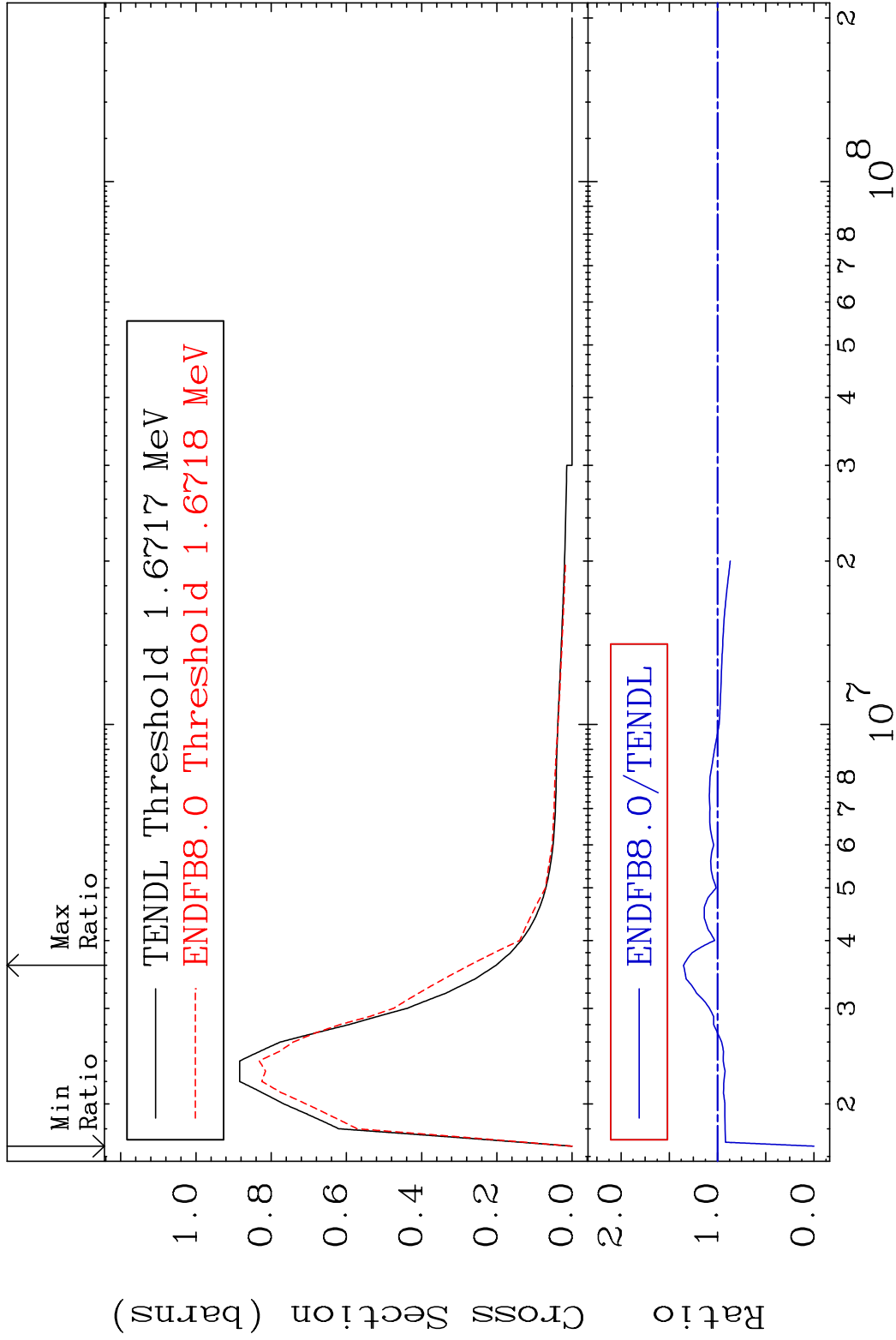
8 62-Sm-144

MAT 6225 (n,2n) p 62-Sm-144
 Cross Section -100.0 To 9999. %



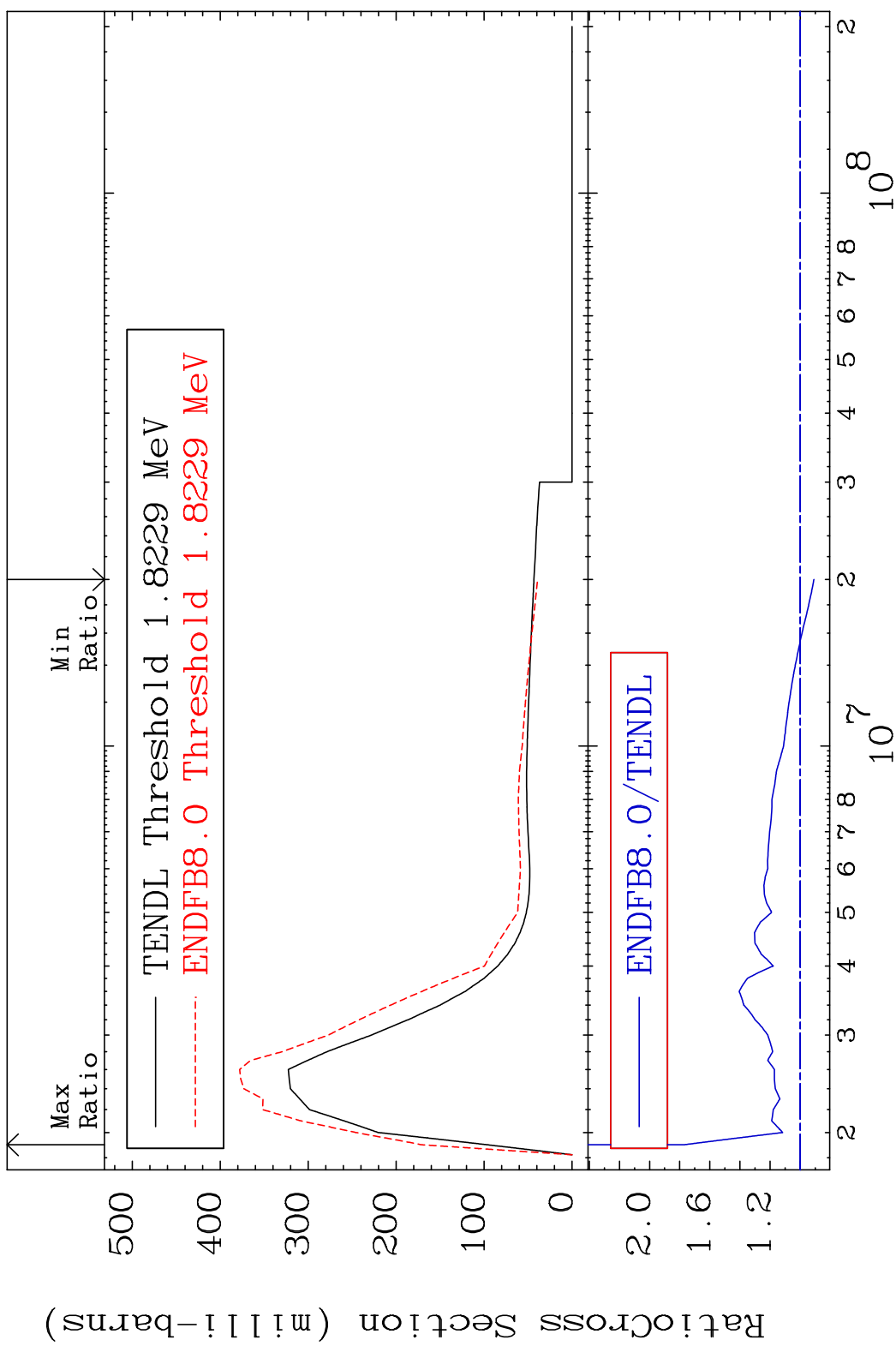
9 Incident Energy (eV) 62-Sm-144

MAT 6225 MT= 51 (n, n') Level 62-Sm-144
 Cross Section -100.0 To 35.28 %



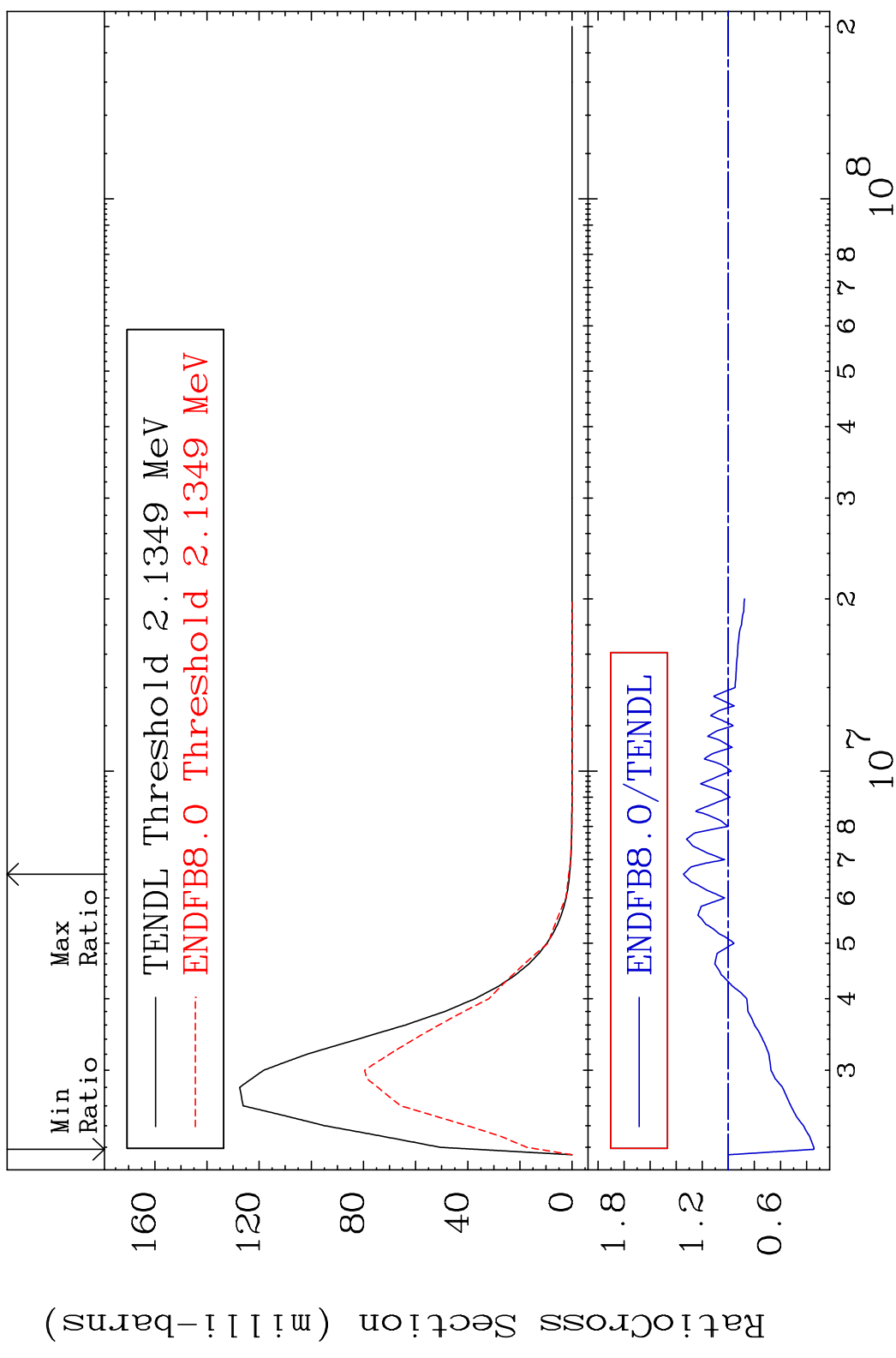
10 Incident Energy (eV) 62-Sm-144

MAT 6225 MT= 52 (n, n') Level 62-Sm-144
 Cross Section -9.082 To 77.51 %



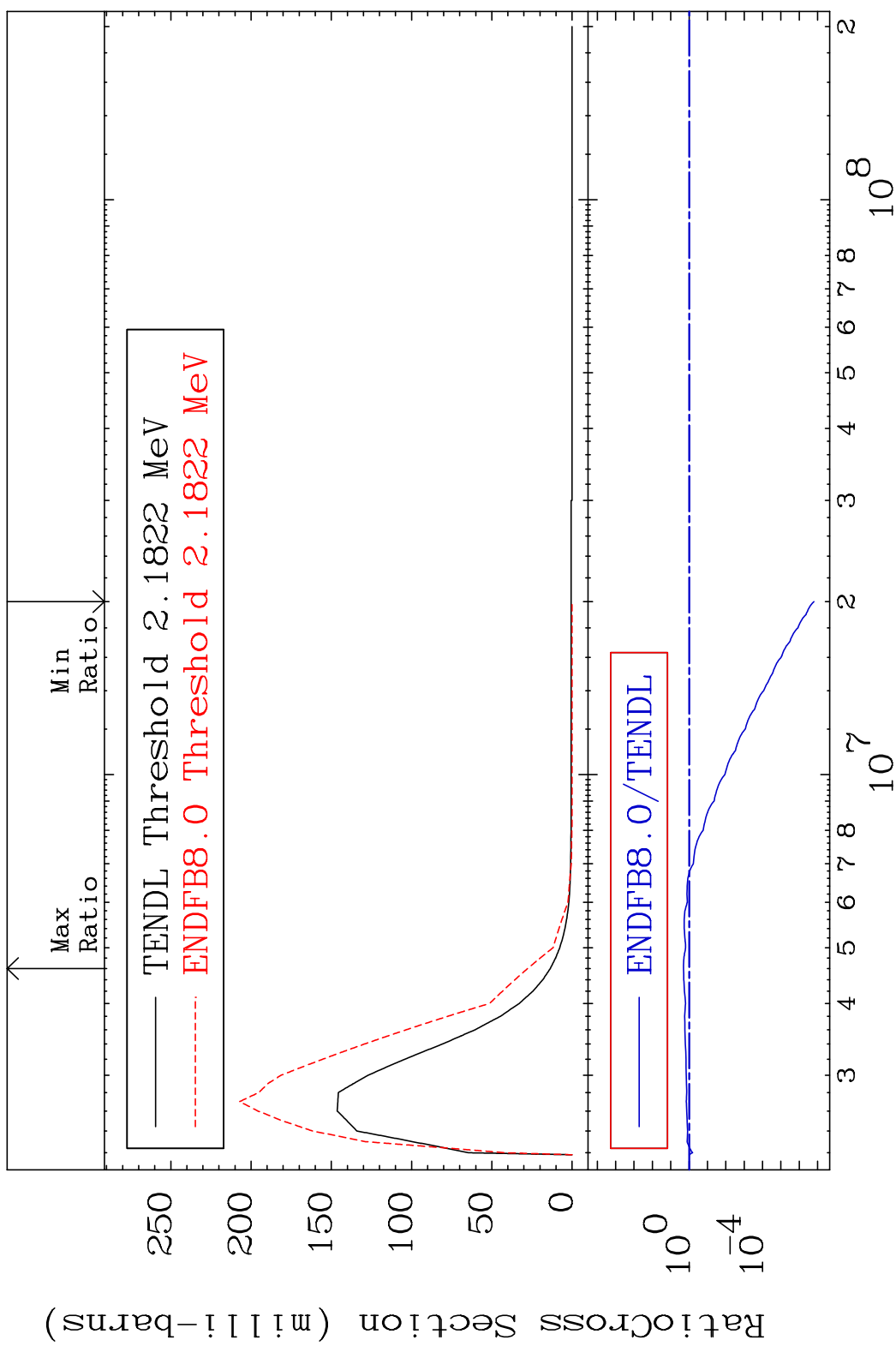
11 Incident Energy (eV) 62-Sm-144

MAT 6225 MT= 53 (n, n') Level 62-Sm-144
 Cross Section -65.62 To 34.44 %



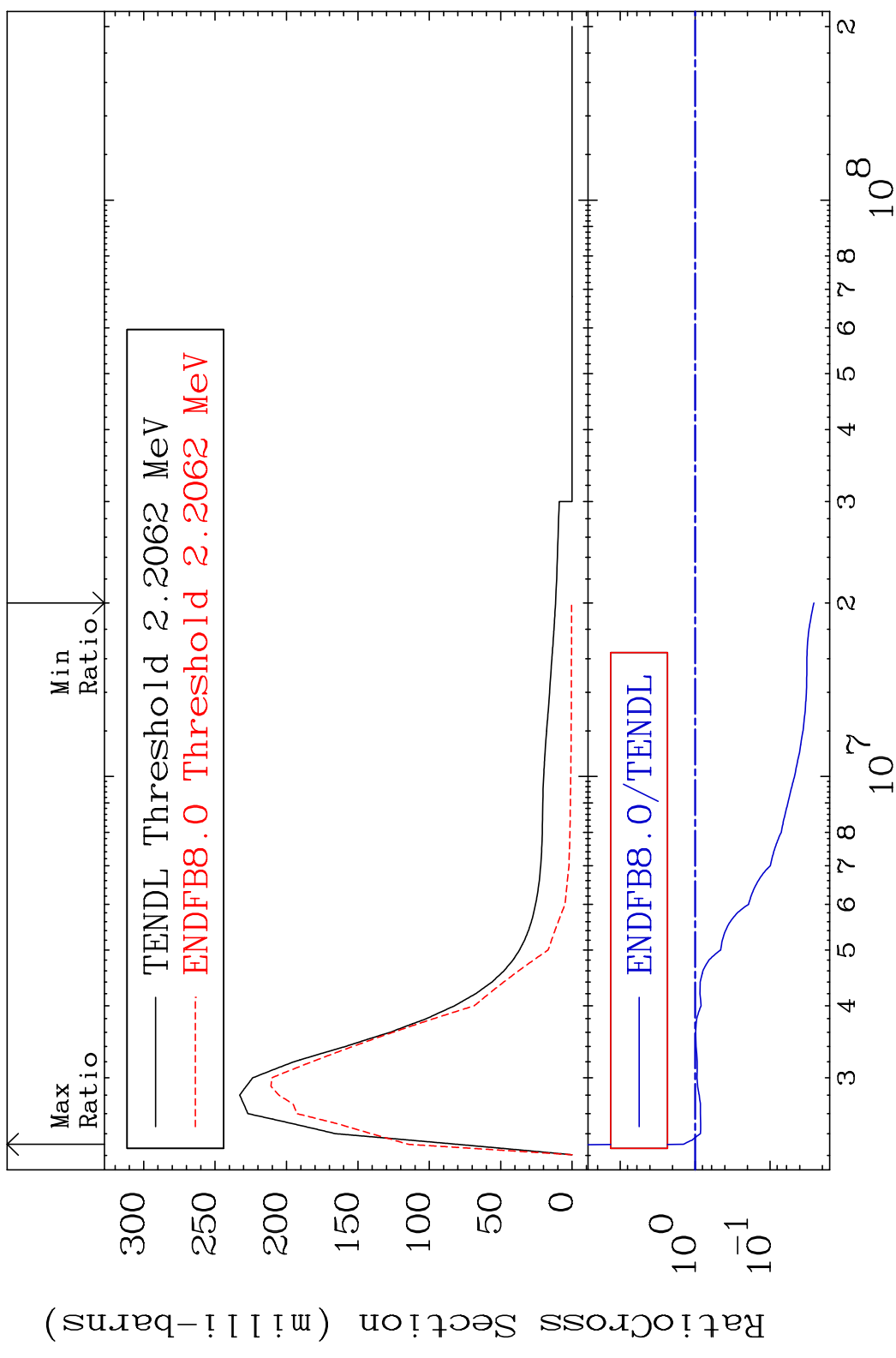
12 Incident Energy (eV) 62-Sm-144

MAT 6225 MT= 54 (n, n') Level 62-Sm-144
 Cross Section -100.0 To 103.1 %



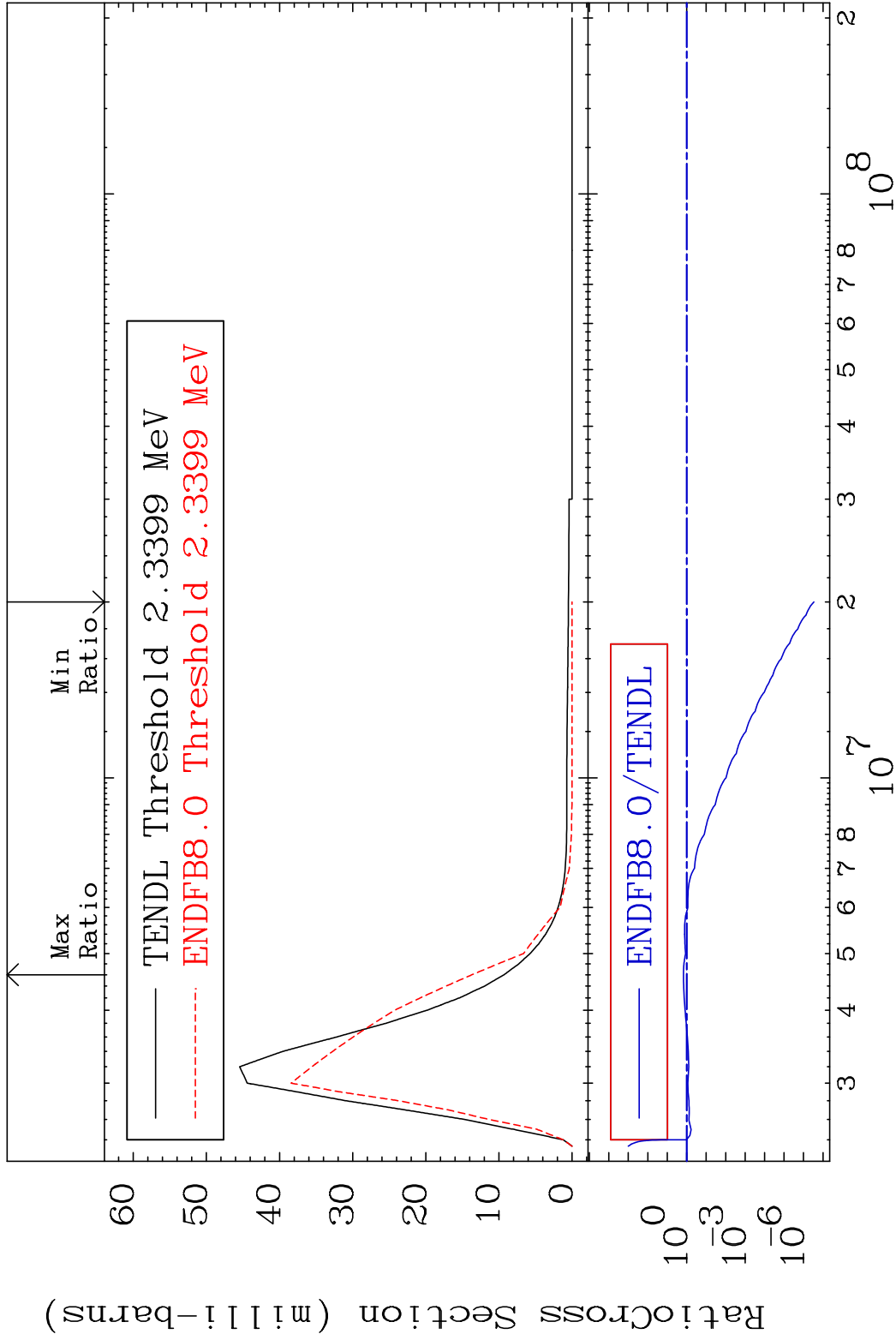
13 Incident Energy (eV) 62-Sm-144

MAT 6225 MT= 55 (n, n') Level 62-Sm-144
 Cross Section -97.41 To 42.98 %



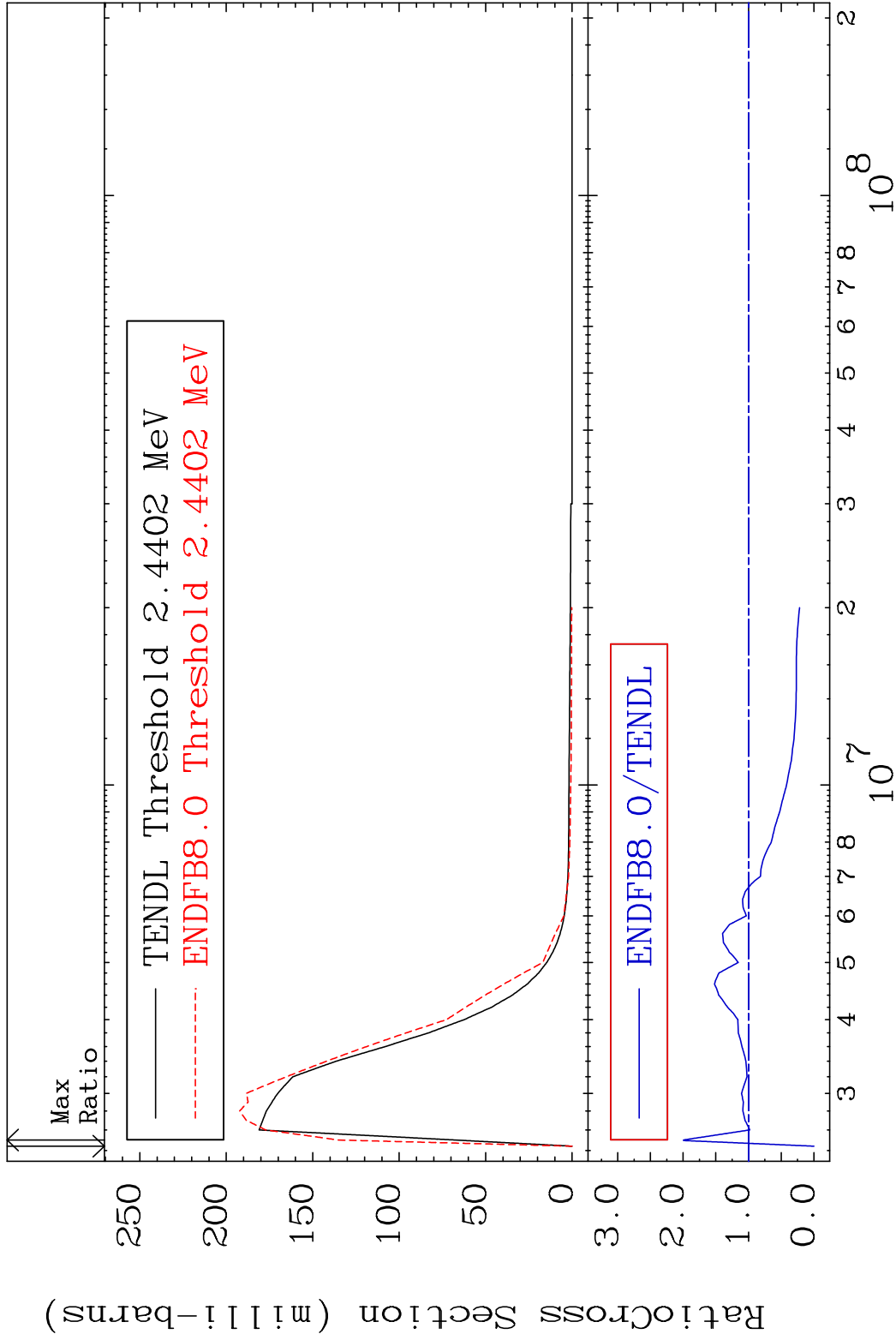
14 Incident Energy (eV) 62-Sm-144

MAT 6225 MT= 56 (n, n') Level 62-Sm-144
 Cross Section -100.0 To 46.92 %



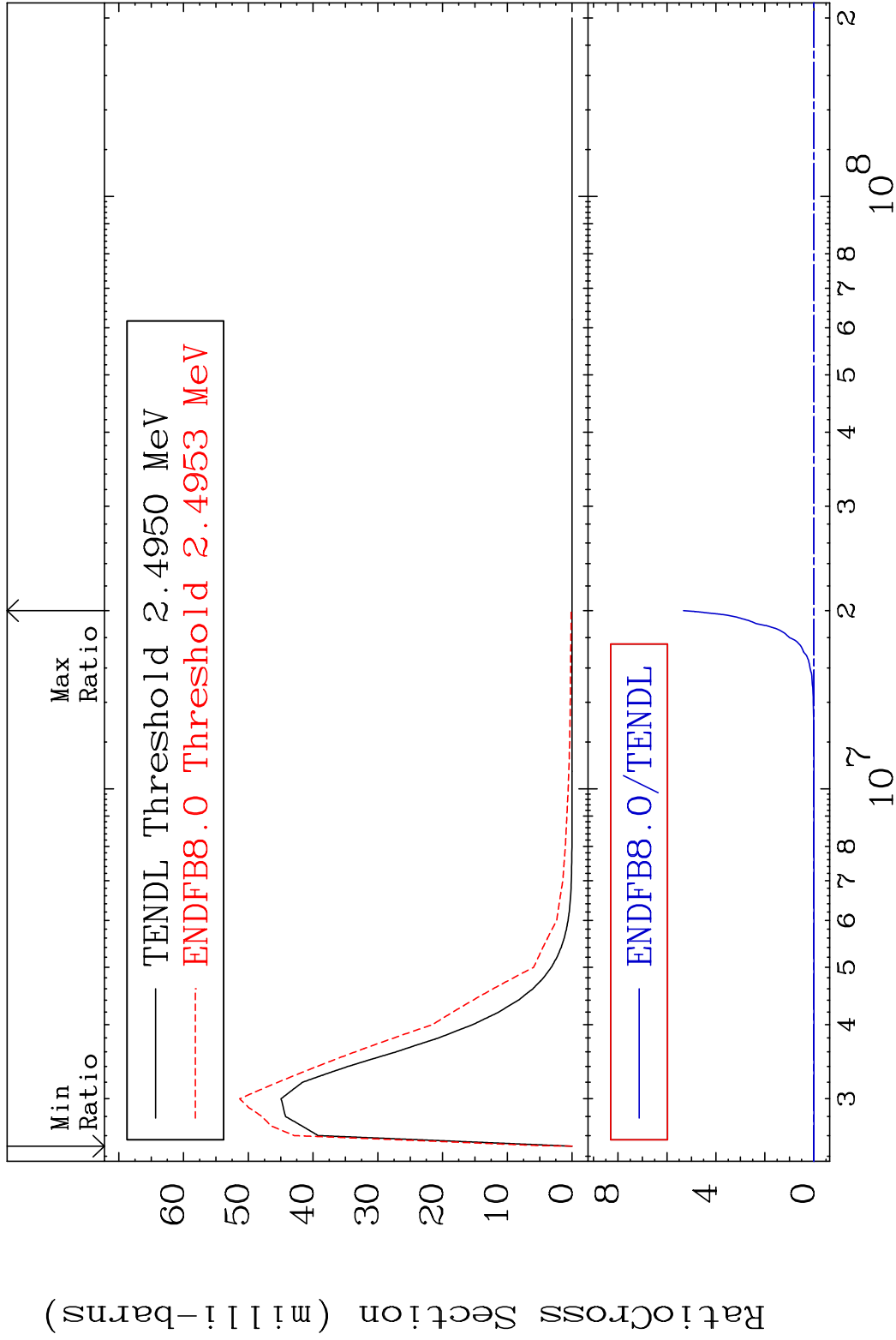
15 Incident Energy (eV) 62-Sm-144

MAT 6225 MT= 57 (n, n') Level 62-Sm-144
 Cross Section -100.0 To 99.49 %



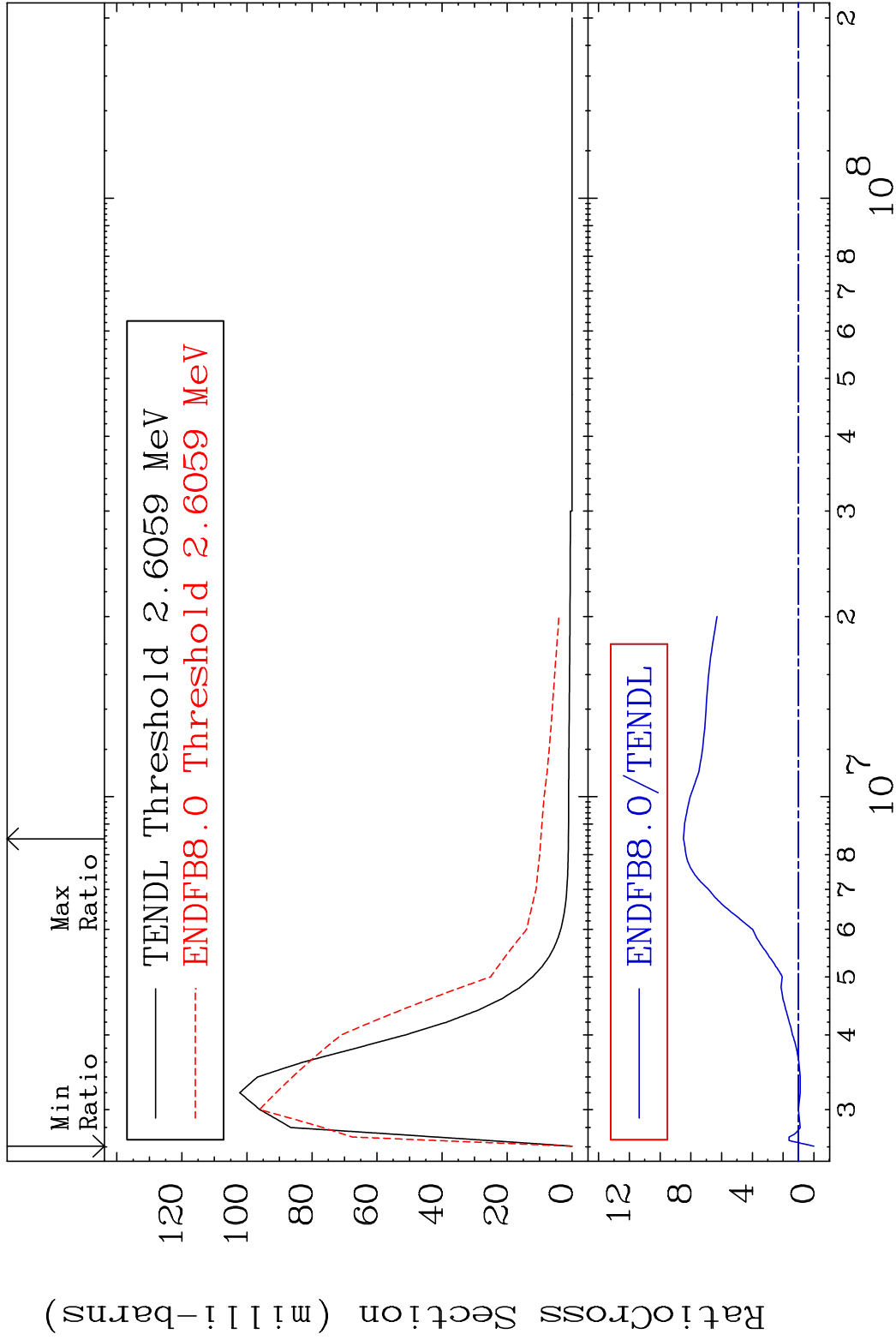
16 Incident Energy (eV) 62-Sm-144

MAT 6225 MT= 58 (n, n') Level 62-Sm-144
 Cross Section -100.0 To 9999. %



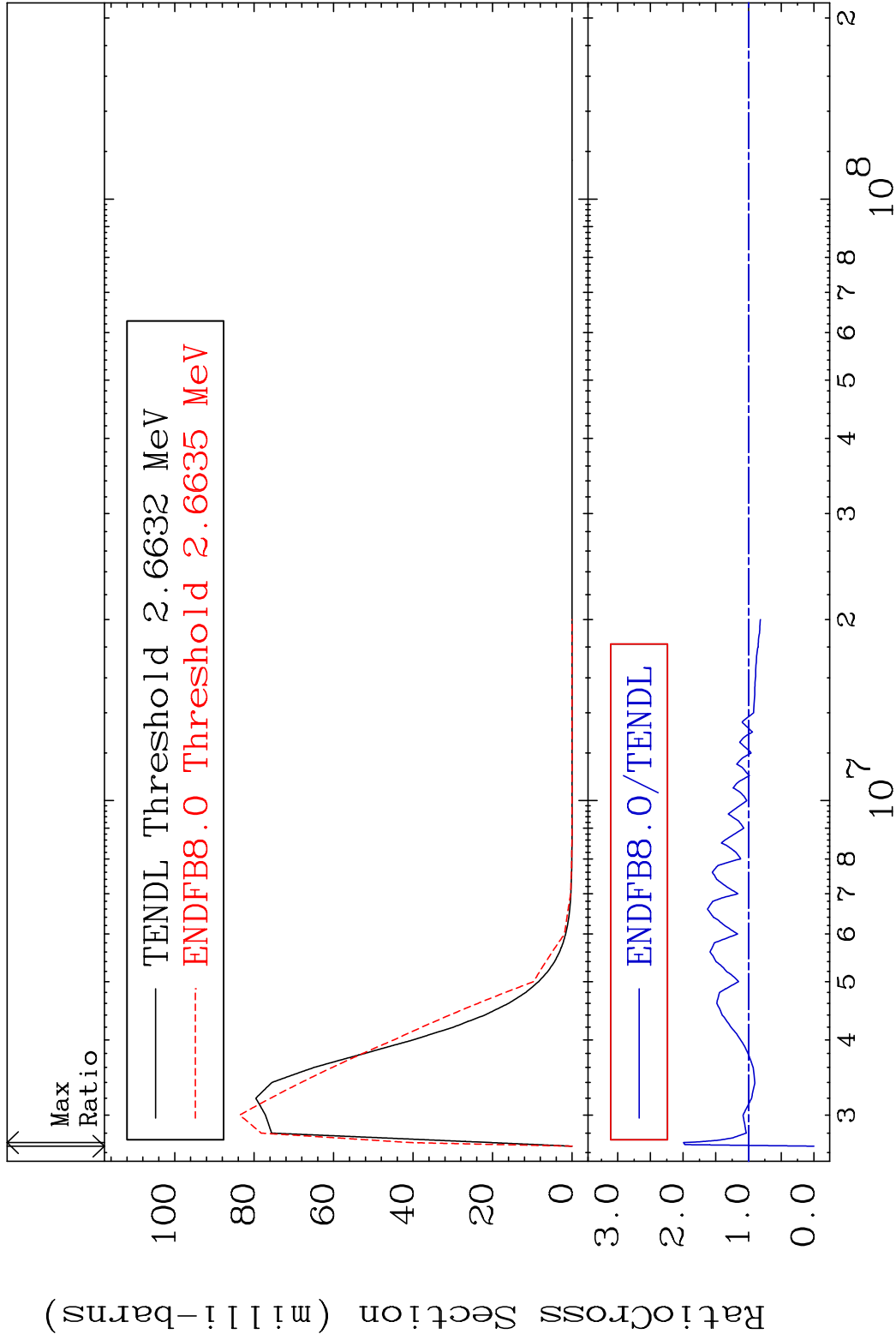
17 Incident Energy (eV) 62-Sm-144

MAT 6225 MT= 59 (n, n') Level 62-Sm-144
 Cross Section -100.0 To 748.2 %



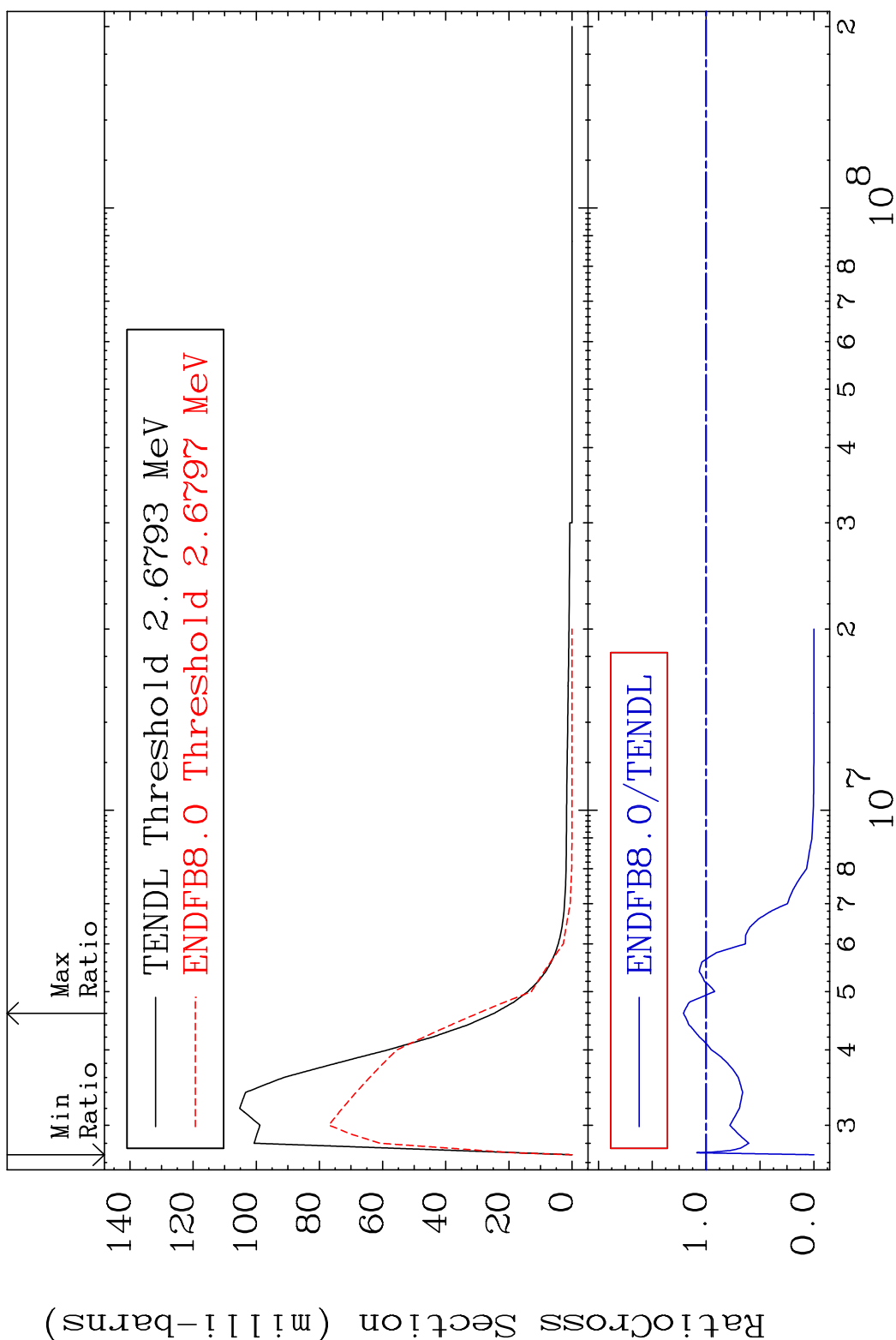
18 Incident Energy (eV) 62-Sm-144

MAT 6225 MT= 60 (n, n') Level 62-Sm-144
 Cross Section -100.0 To 99.49 %



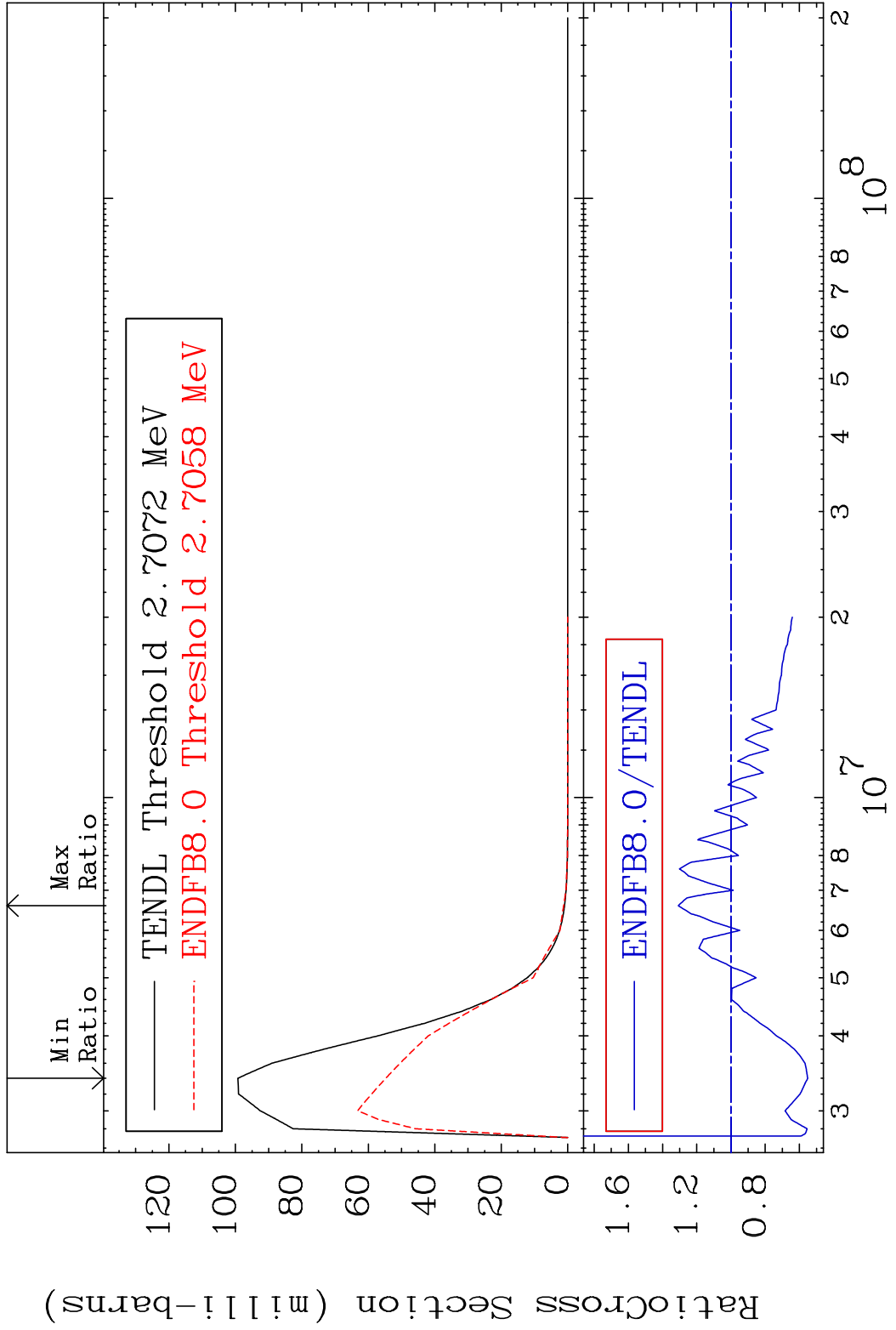
19 Incident Energy (eV) 62-Sm-144

MAT 6225 MT= 61 (n, n') Level 62-Sm-144
 Cross Section -100.0 To 21.05 %

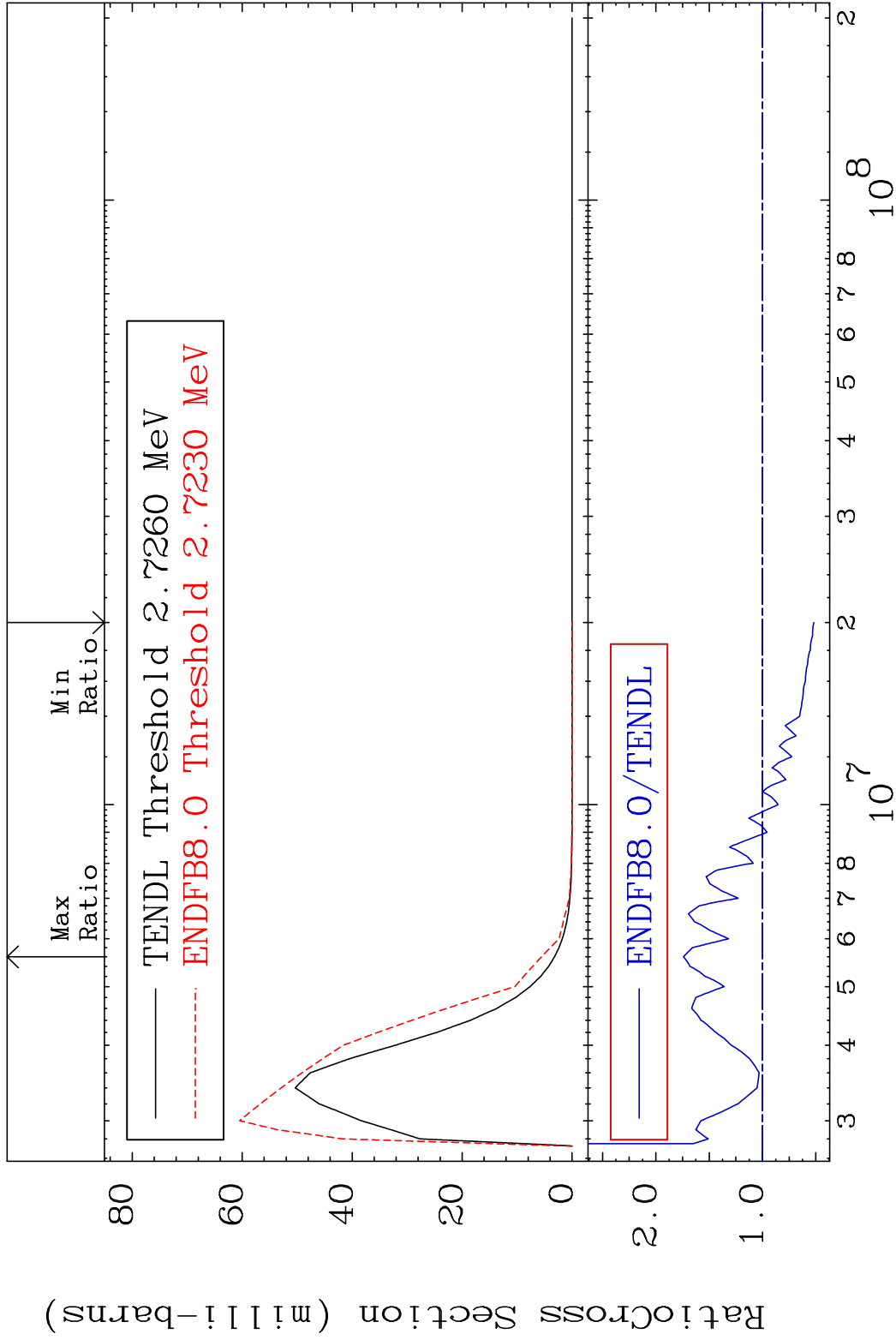


20 Incident Energy (eV) 62-Sm-144

MAT 6225 MT= 62 (n, n') Level 62-Sm-144
 Cross Section -44.86 To 30.81 %

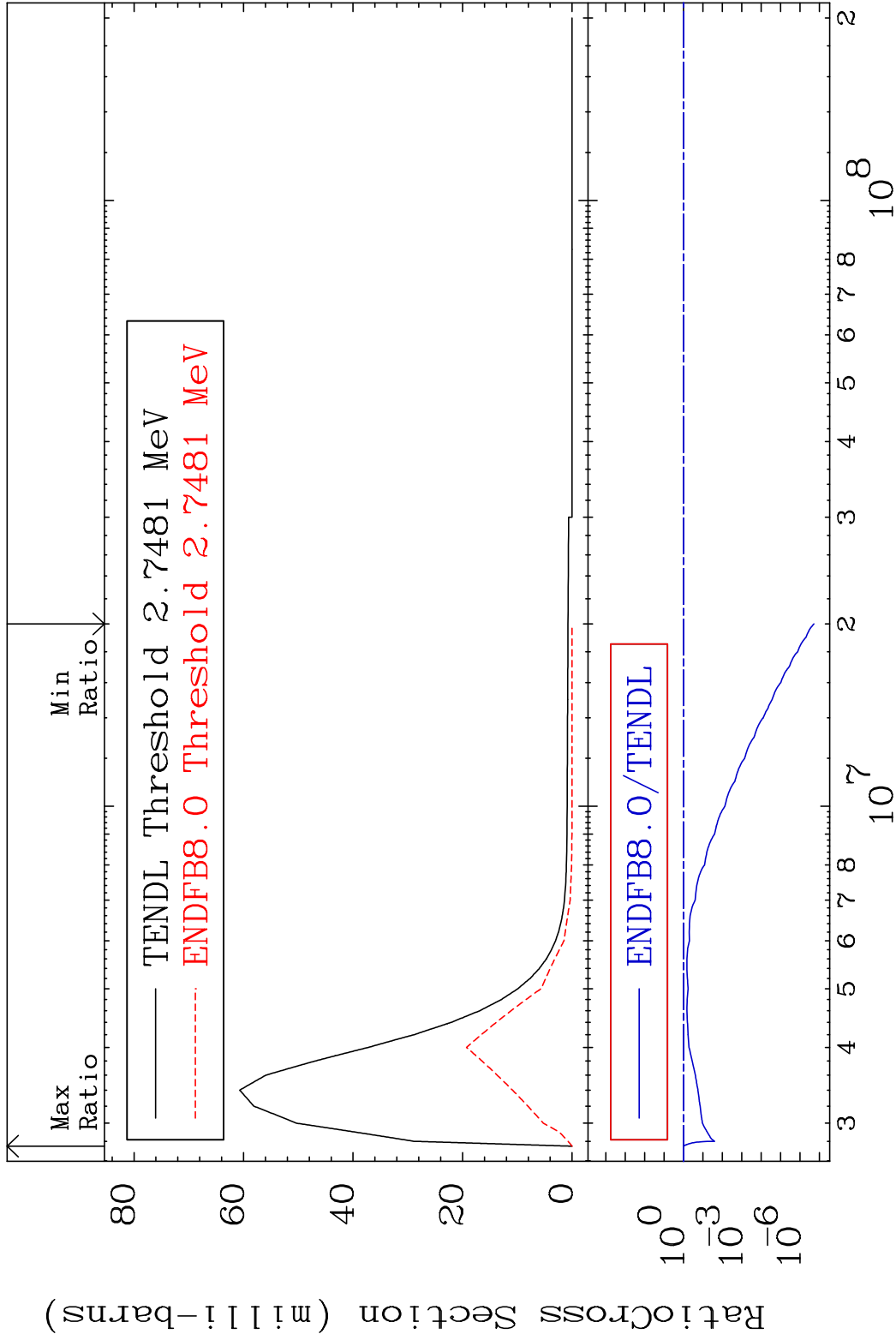


MAT 6225 MT= 63 (n, n') Level 62-Sm-144
 Cross Section -48.19 To 74.14 %

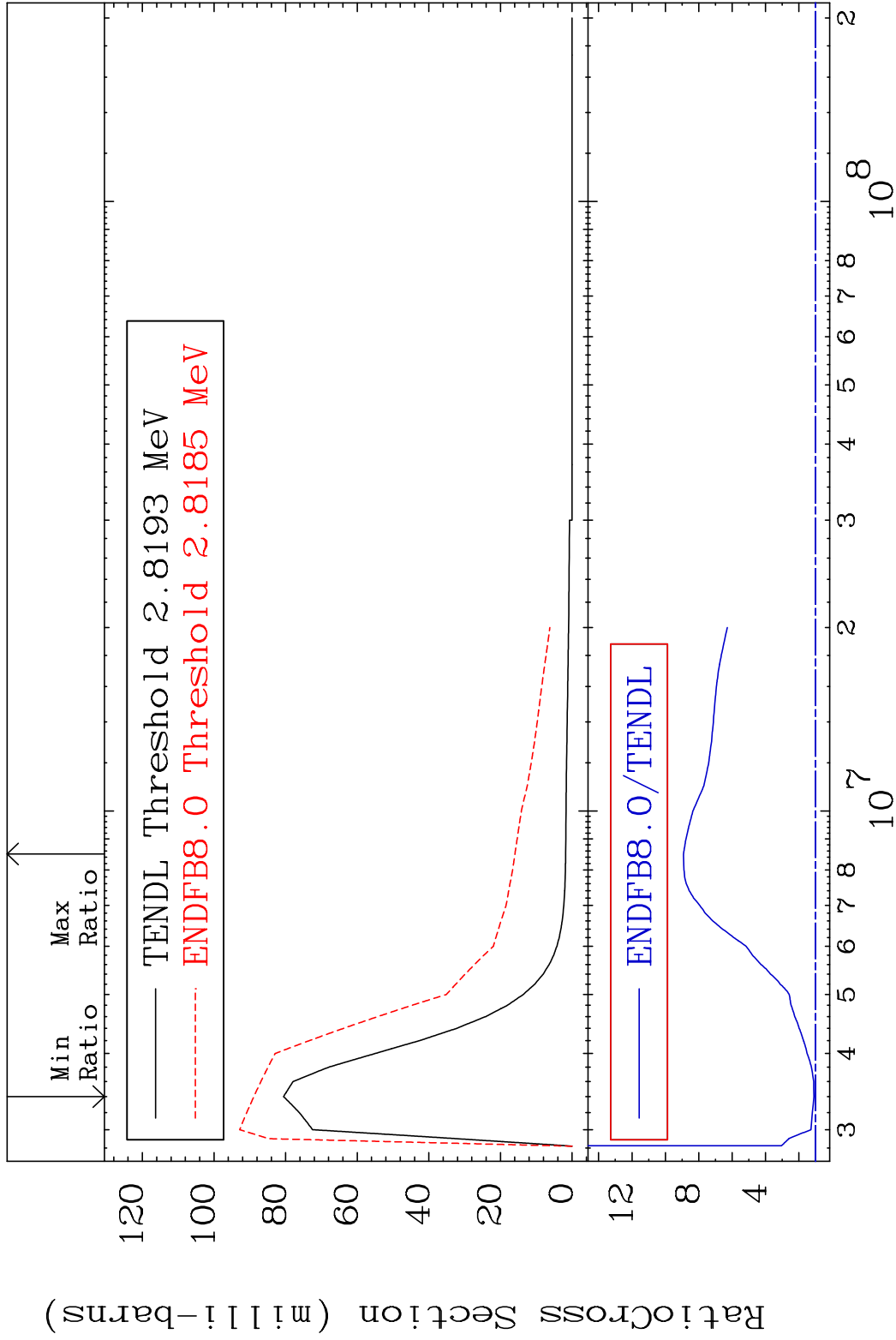


22 Incident Energy (eV) 62-Sm-144

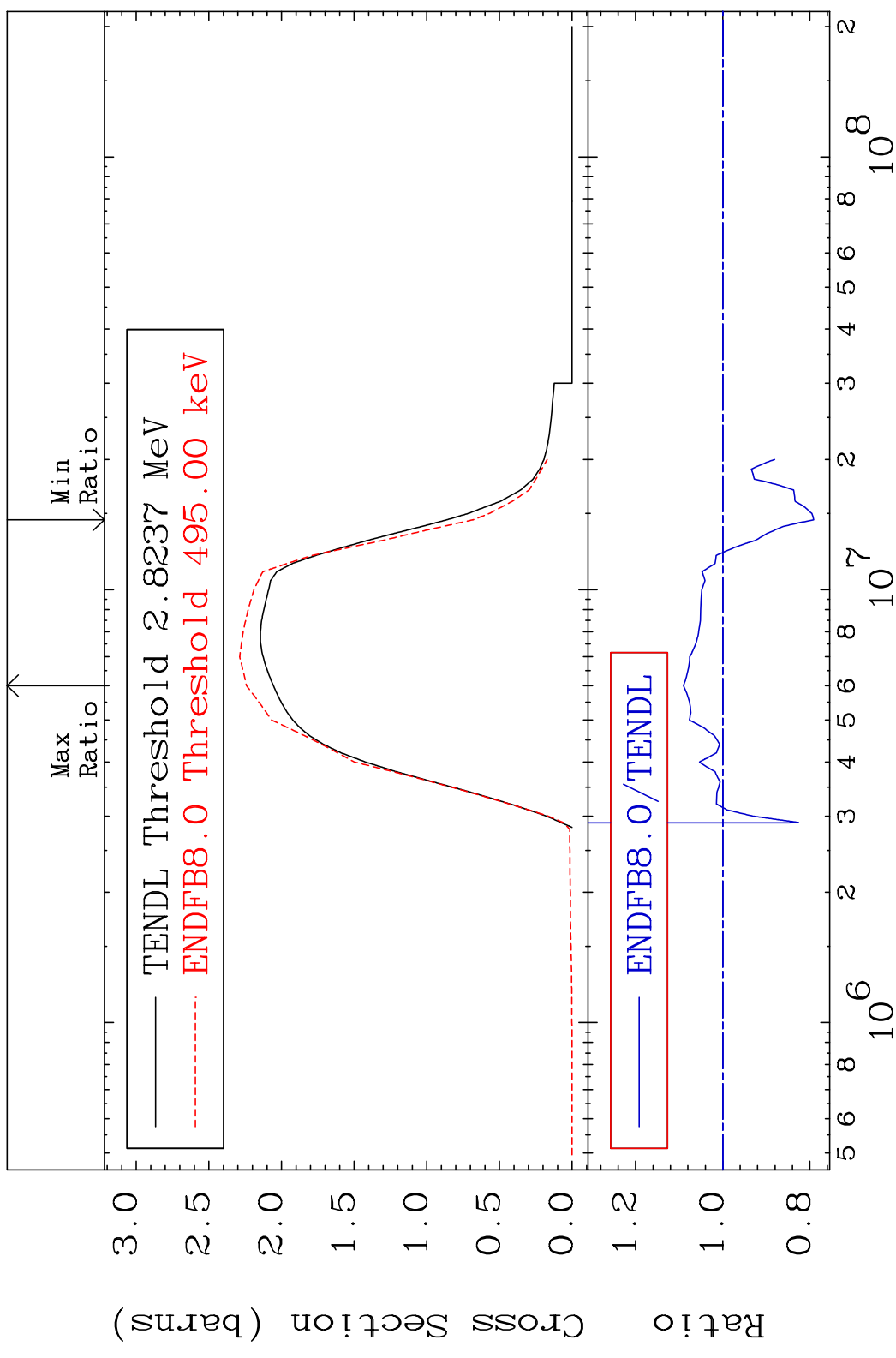
MAT 6225 MT= 64 (n, n') Level 62-Sm-144
 Cross Section -100.0 To 0.000 %



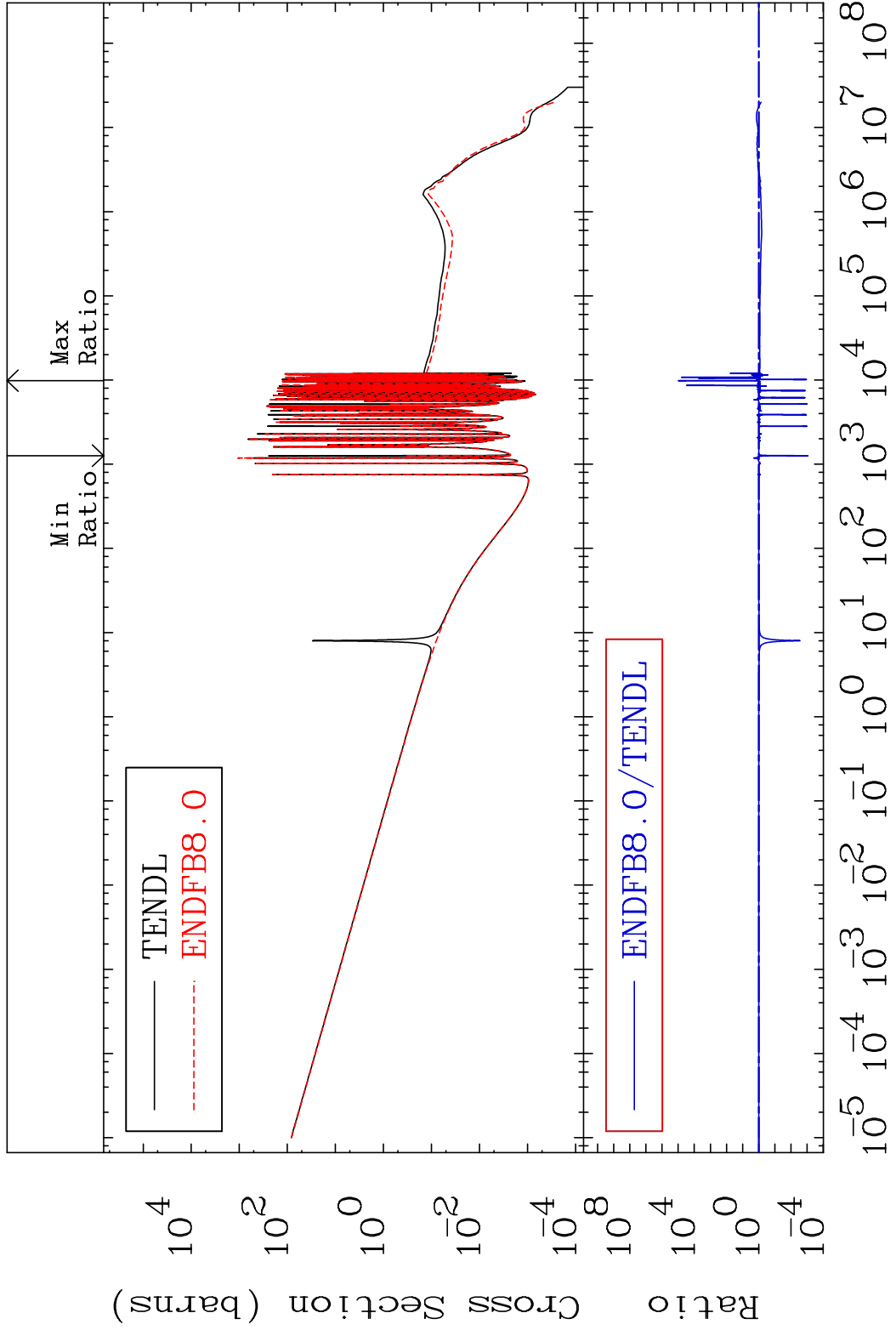
MAT 6225 MT= 65 (n, n') Level 62-Sm-144
 Cross Section 10.29 To 791.7 %



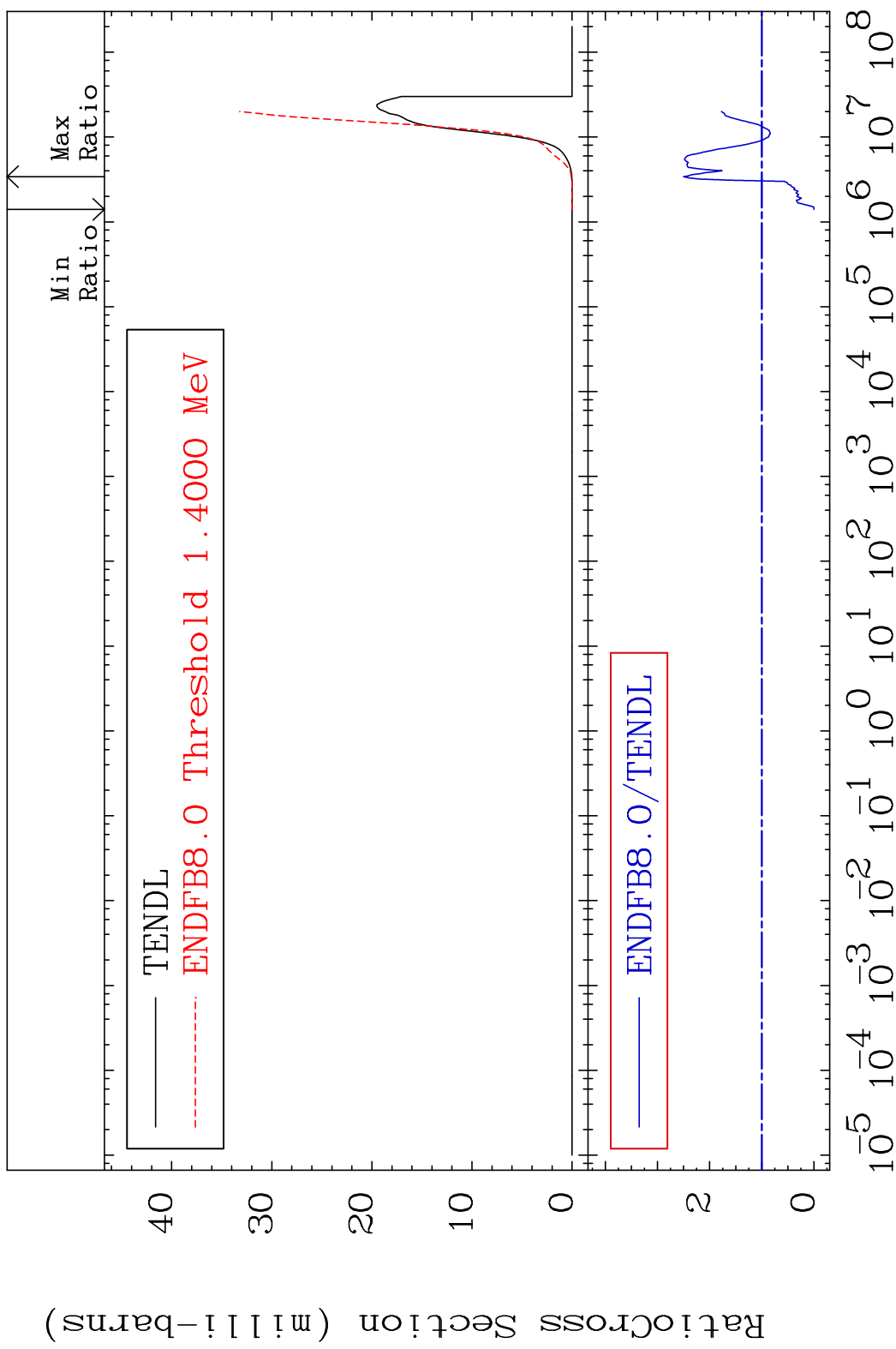
MAT 6225 (n, n') Continuum 62-Sm-144
 Cross Section -20.92 To 9.017 %



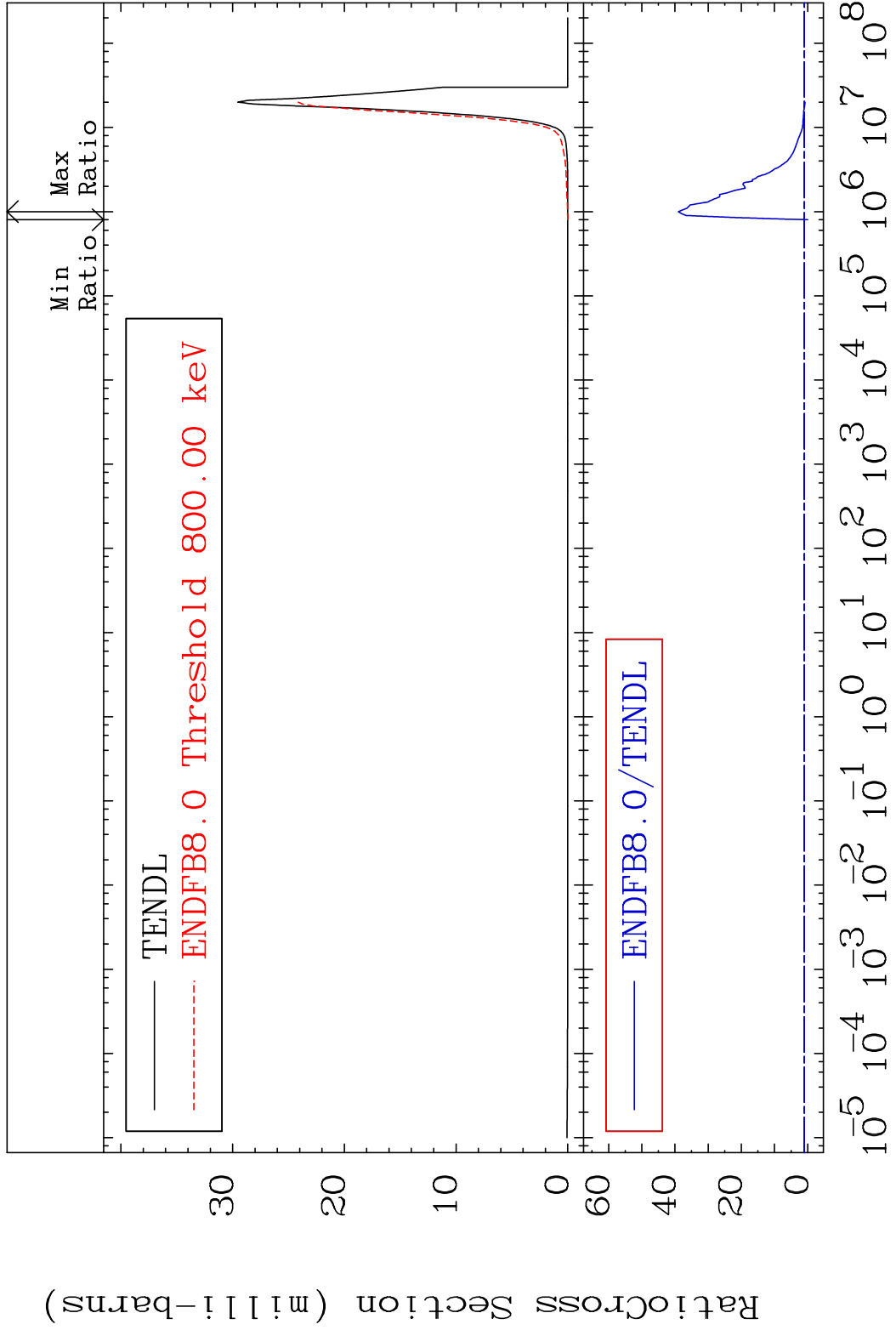
MAT 6225 (n, γ) 62-Sm-144
 Cross Section -99.91 To 9999. %



MAT 6225 (n, p) 62-Sm-144
 Cross Section -100.0 To 150.2 %

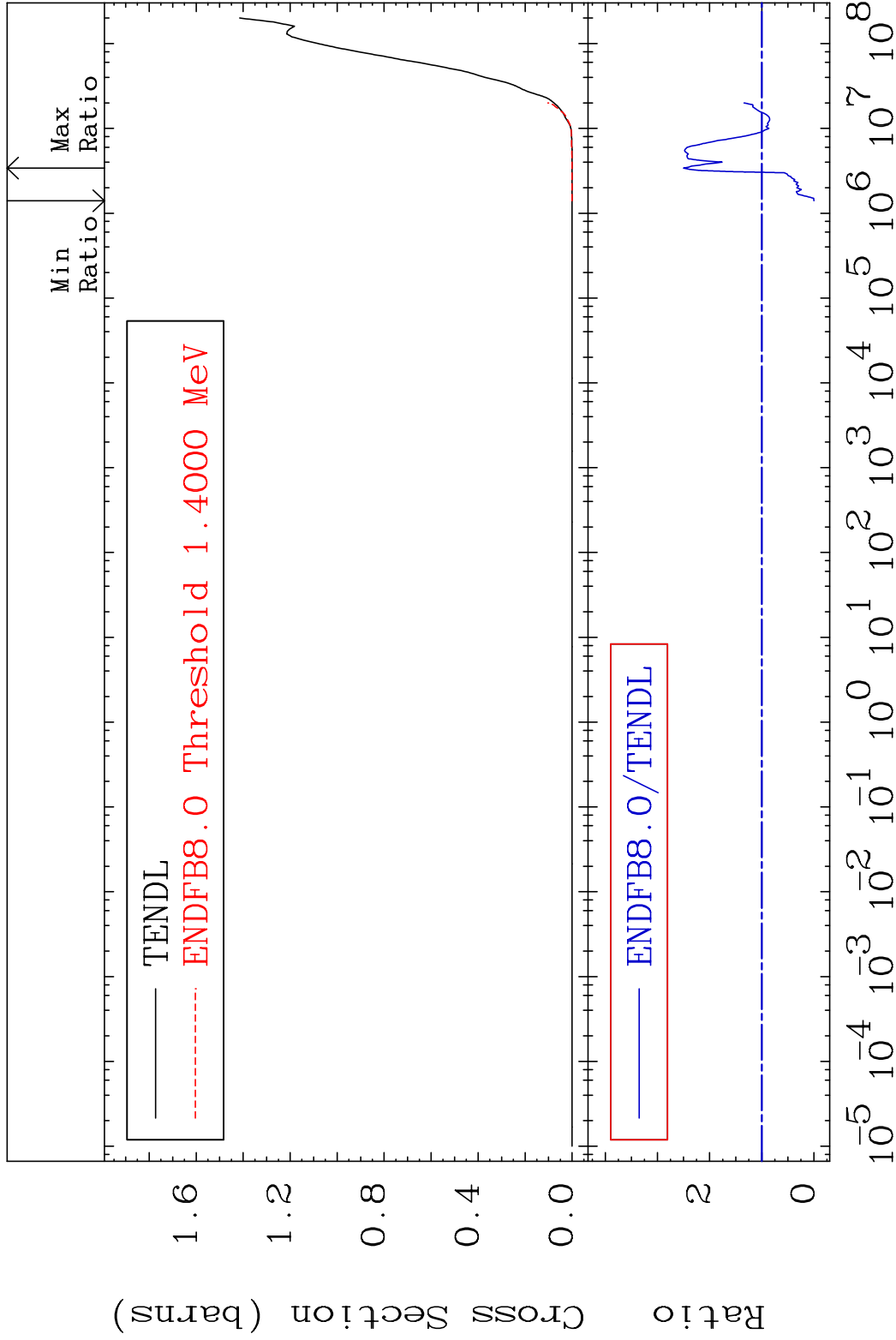


MAT 6225 (n, α) 62-Sm-144
 Cross Section -100.0 To 3801. %



28 Incident Energy (eV) 62-Sm-144

MAT 6225 Hydrogen Production 62-Sm-144
 Cross Section -100.0 To 150.2 %

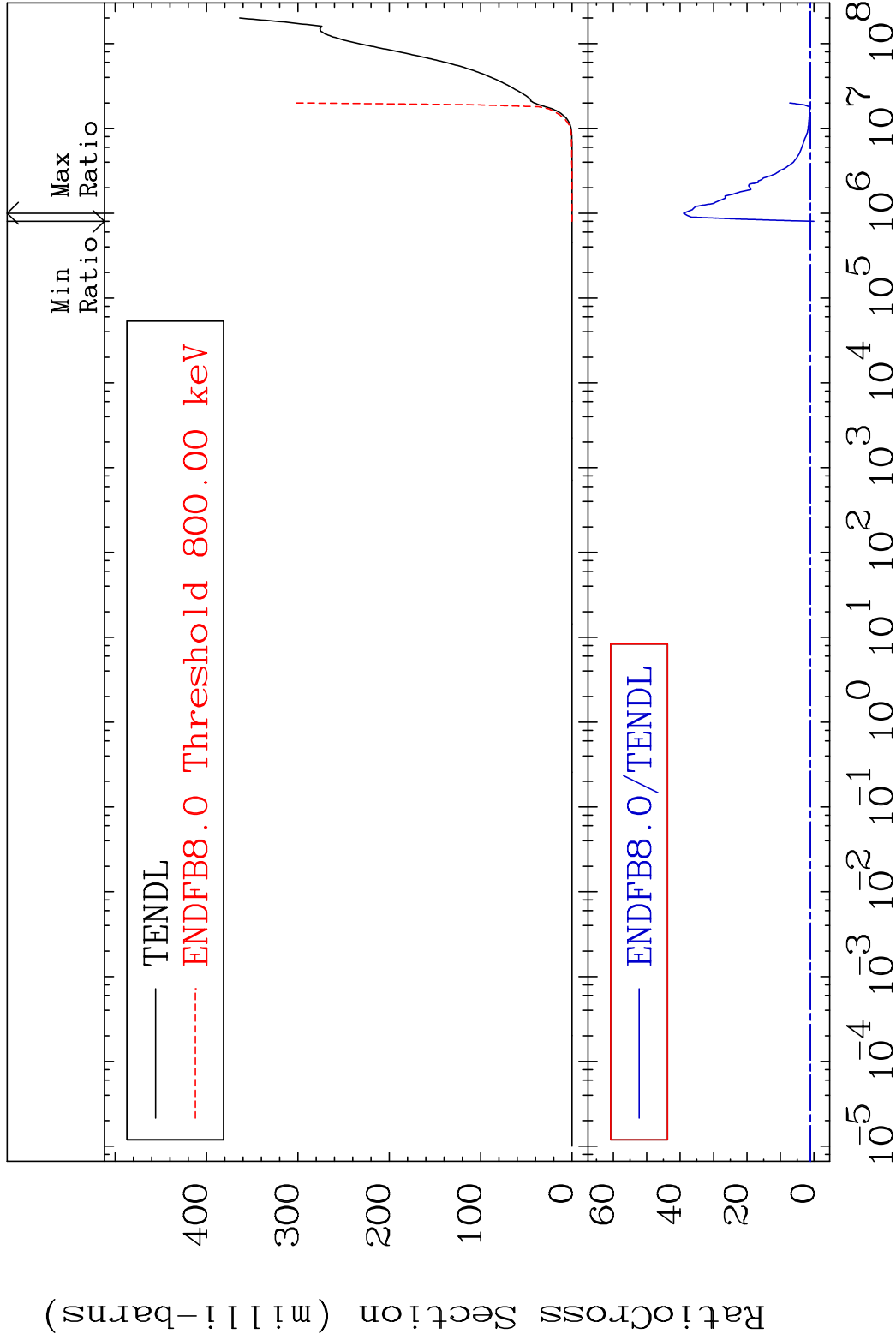


MAT 6225

He-4 Production

62-Sm-144

Cross Section -100.0 To 3801. %

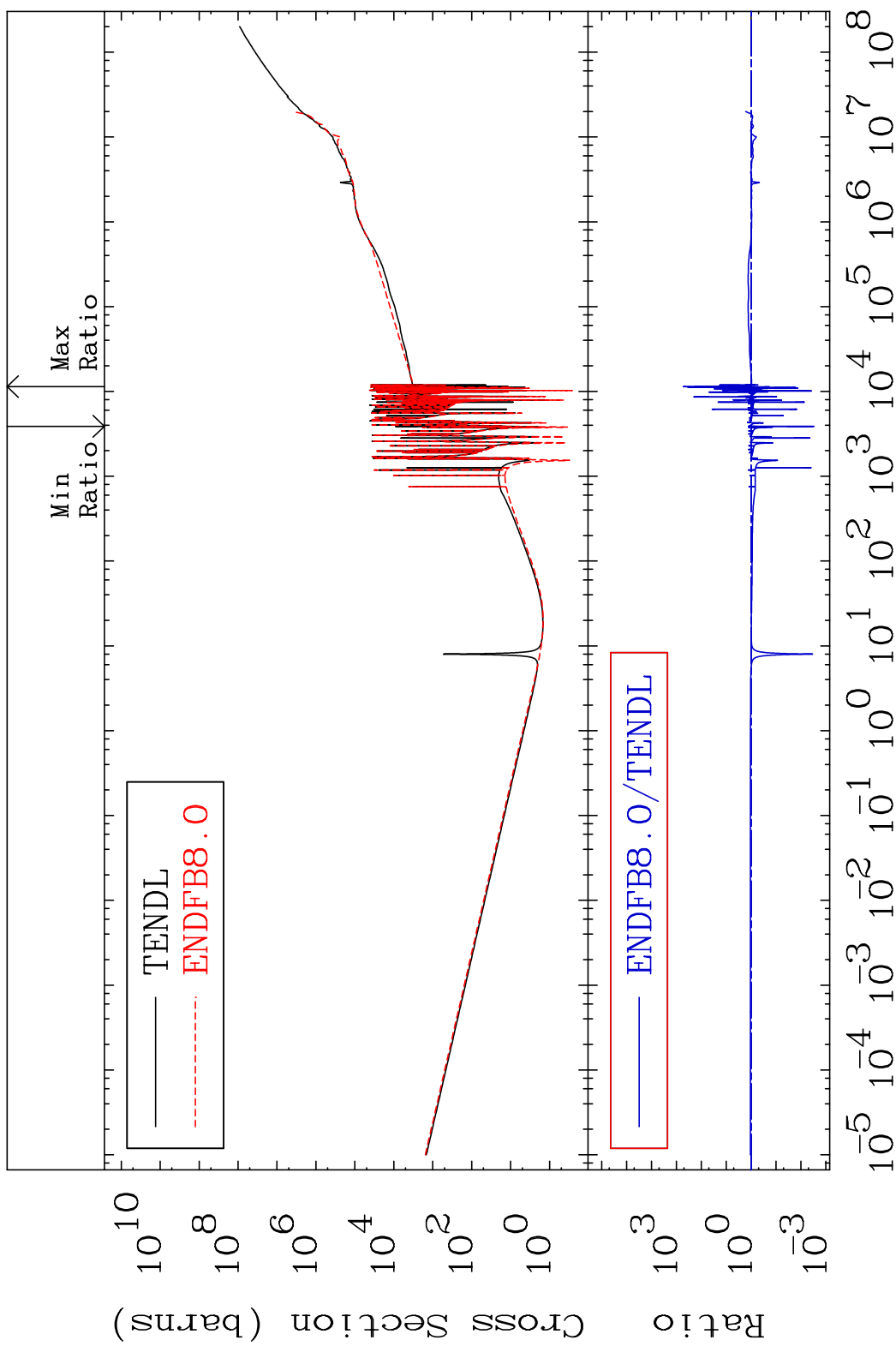


30

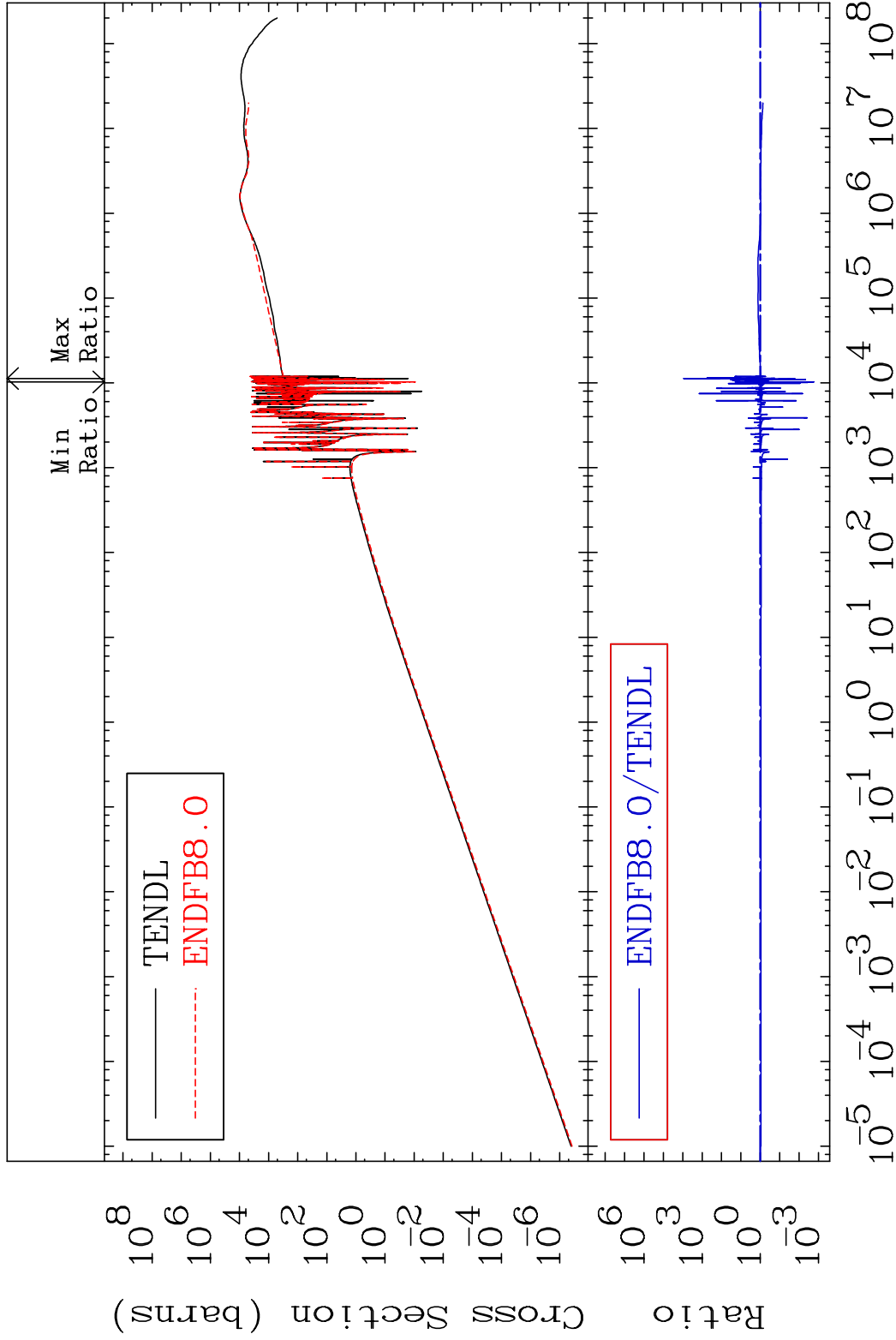
Incident Energy (eV)

62-Sm-144

MAT 6225 Kerma total (eV-barns) 62-Sm-144
 Cross Section -99.70 To 9999. %

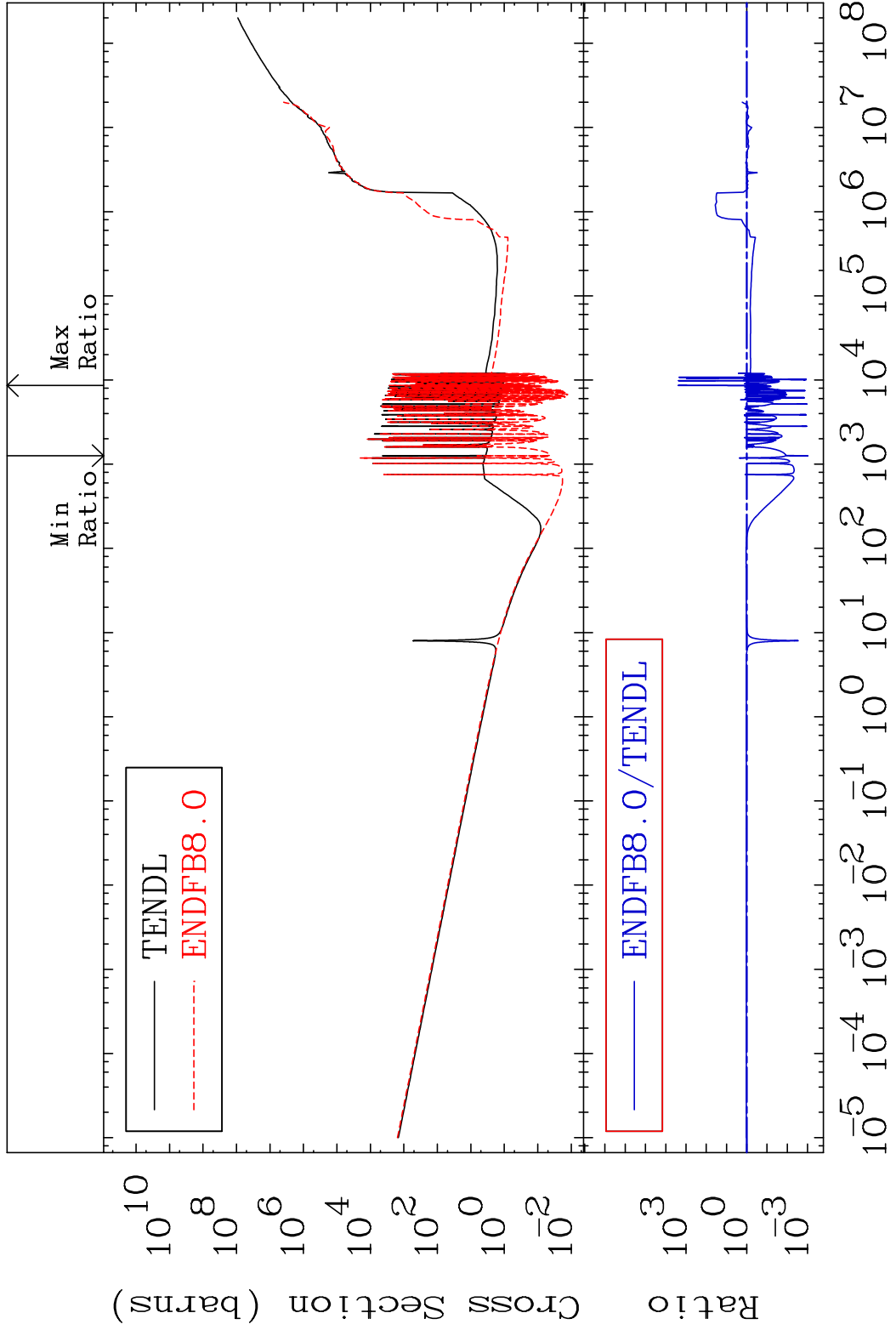


MAT 6225 Kerma elastic 62-Sm-144
 Cross Section -99.83 To 9999. %

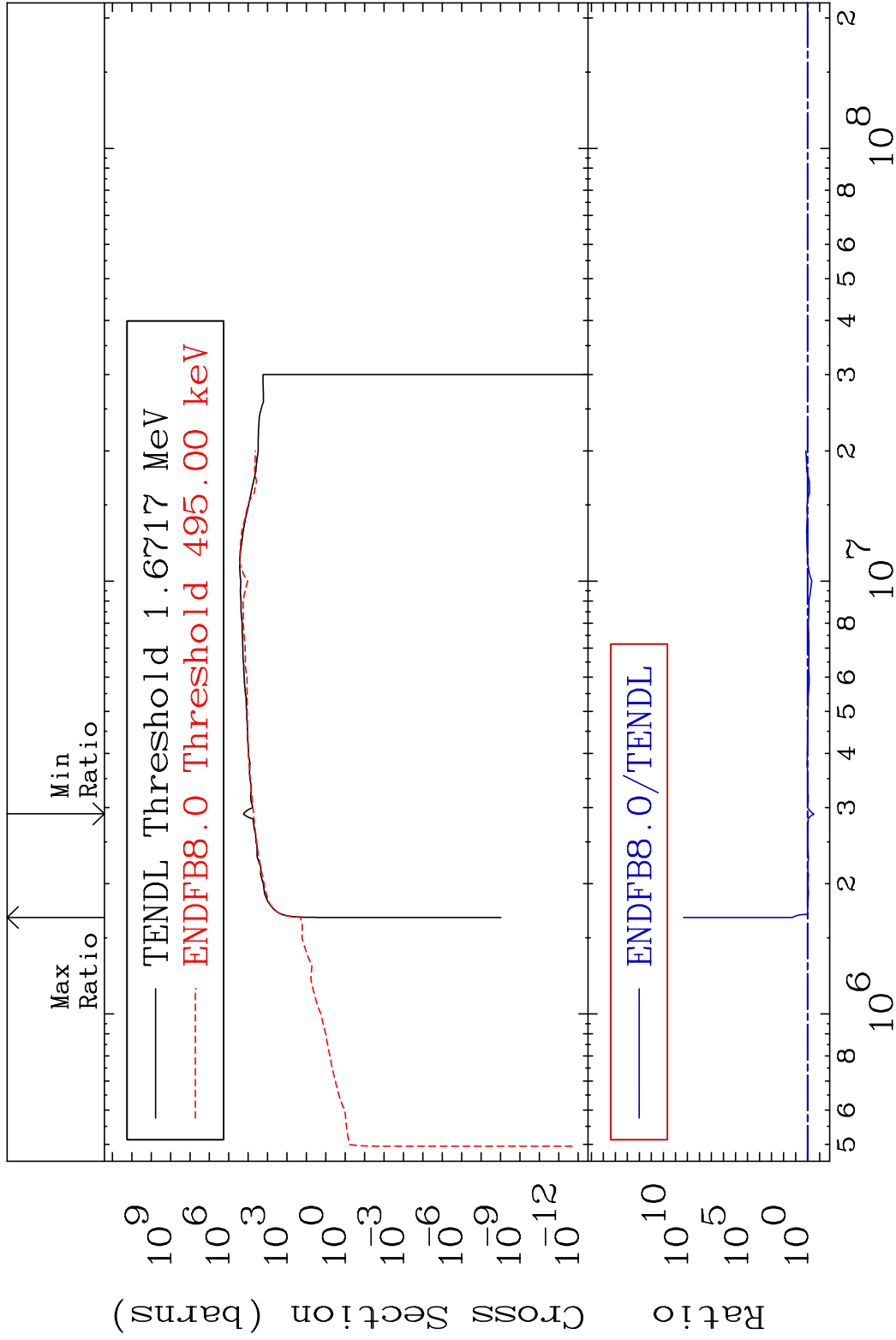


32 Incident Energy (eV) 62-Sm-144

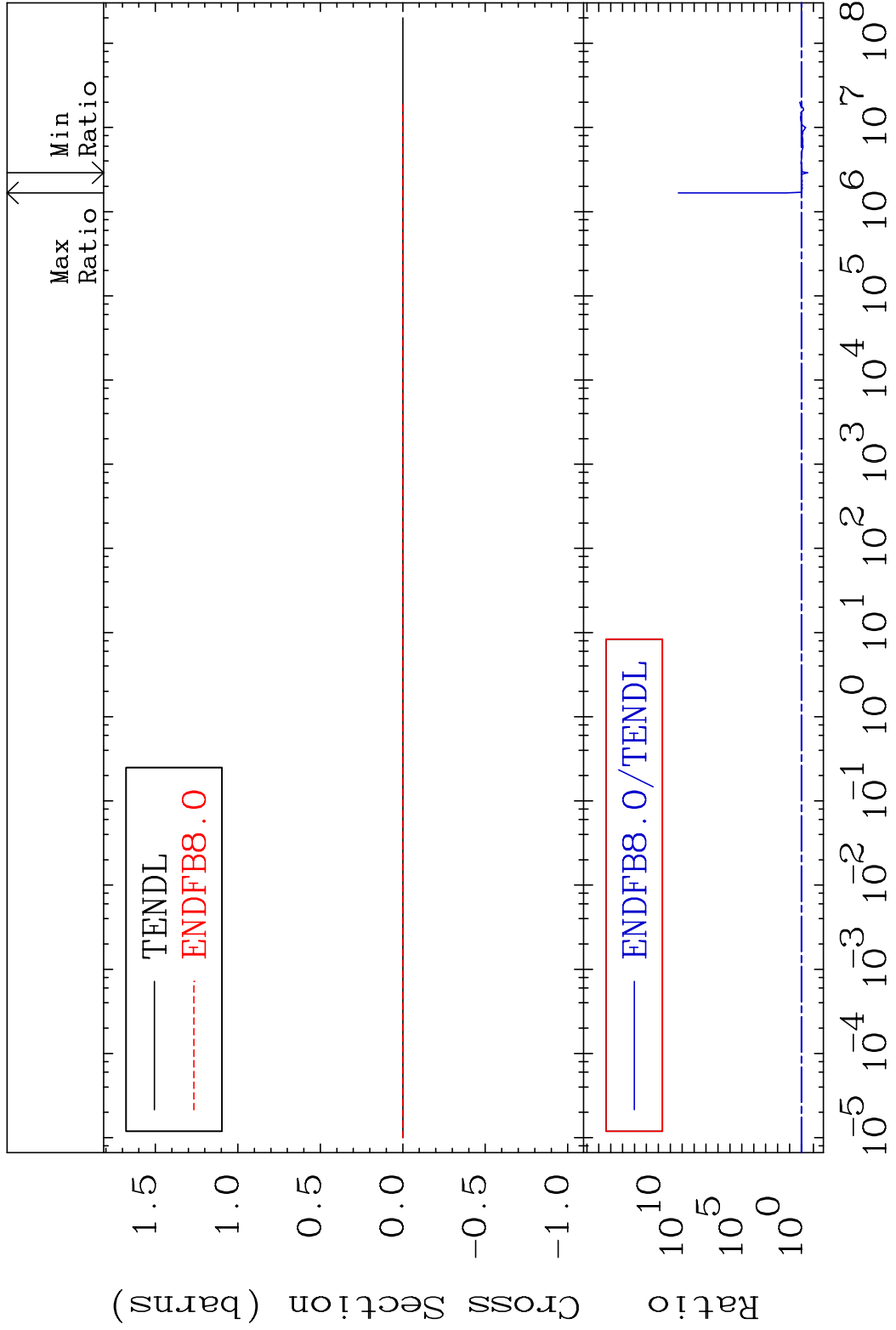
MAT 6225 Kerma non-elastic (all but mt2) 62-Sm-144
 Cross Section -99.90 To 9999. %



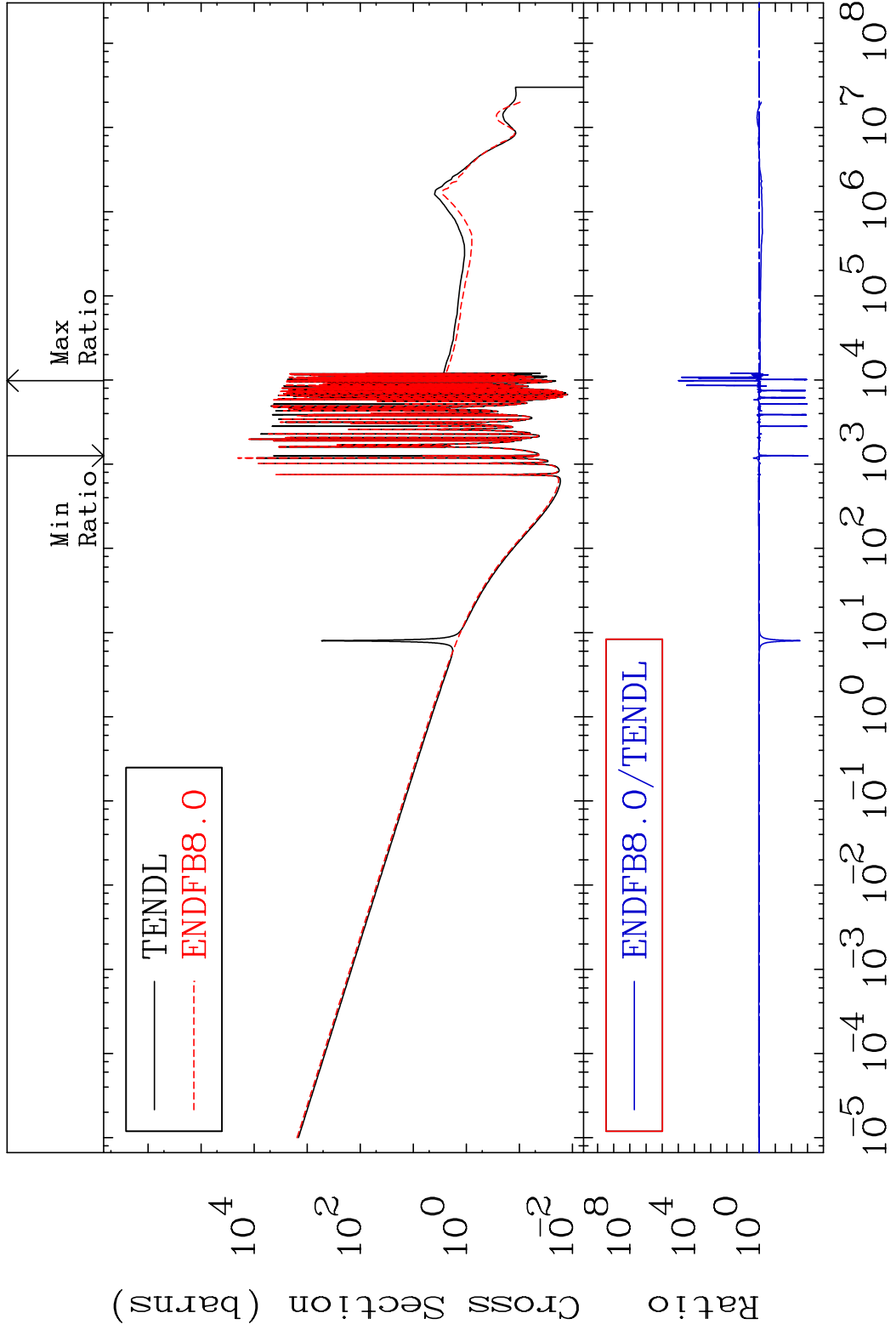
MAT 6225 Kerma inelastic (mt51-91) 62-Sm-144
 Cross Section -70.26 To 9999. %



MAT 6225 Kerma fission (mt18 or mt19-20-21-38) 62-Sm-144
 Cross Section -70.26 To 9999. %

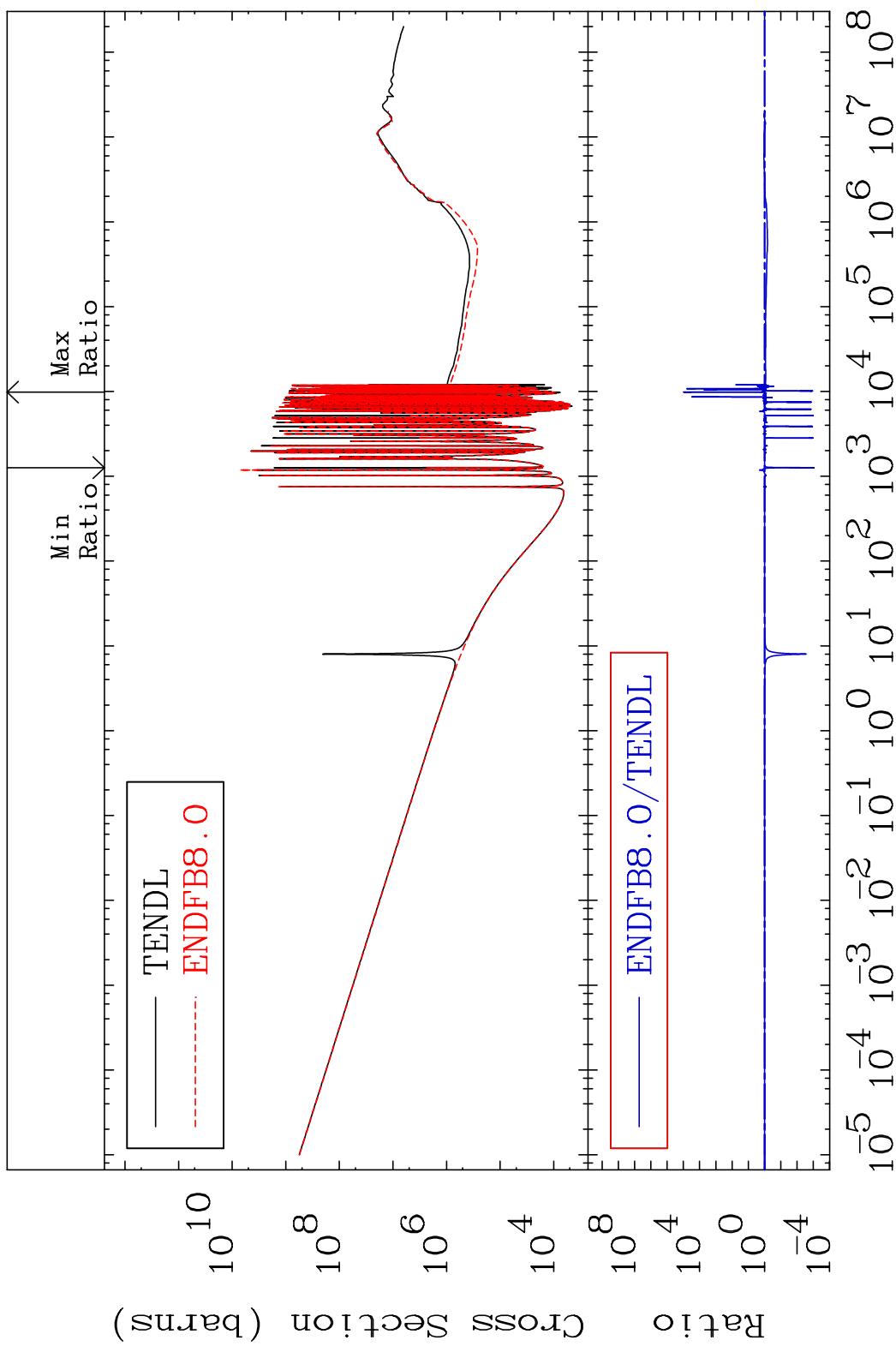


MAT 6225 Kerma capture (mt102) 62-Sm-144
 Cross Section -99.90 To 9999. %

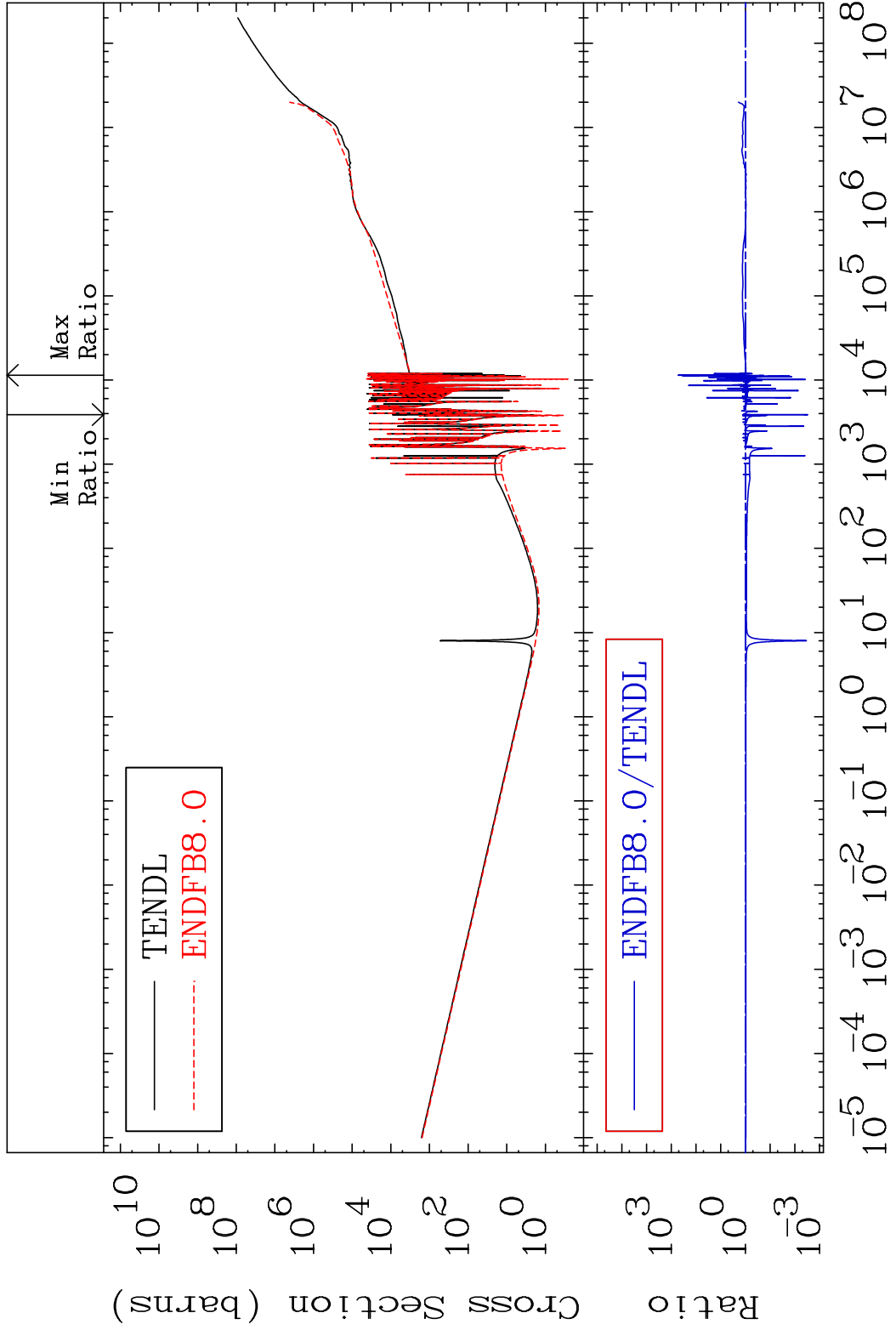


36 Incident Energy (eV) 62-Sm-144

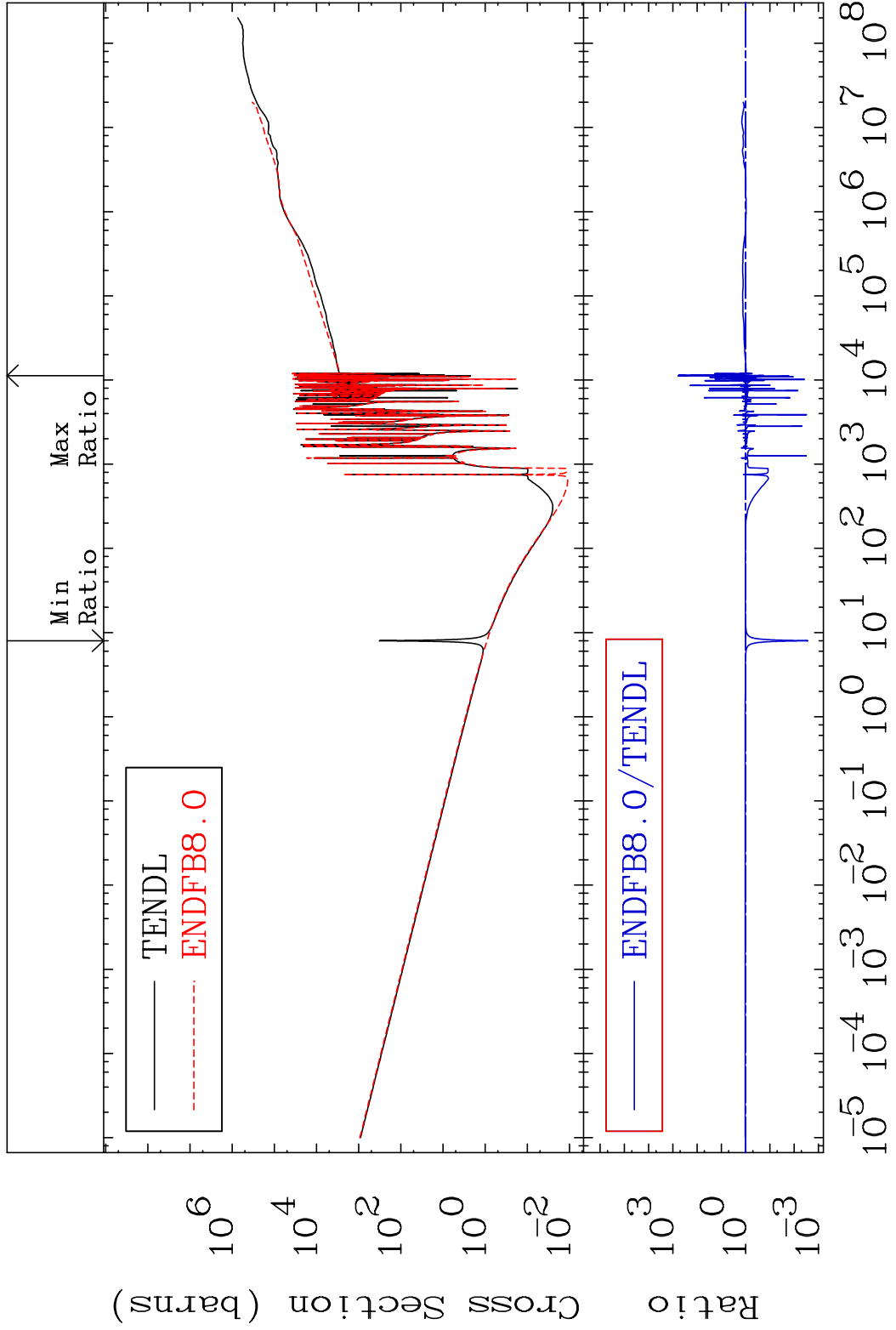
MAT 6225 Total photon (eV-barns) 62-Sm-144
 Cross Section -99.91 To 9999. %



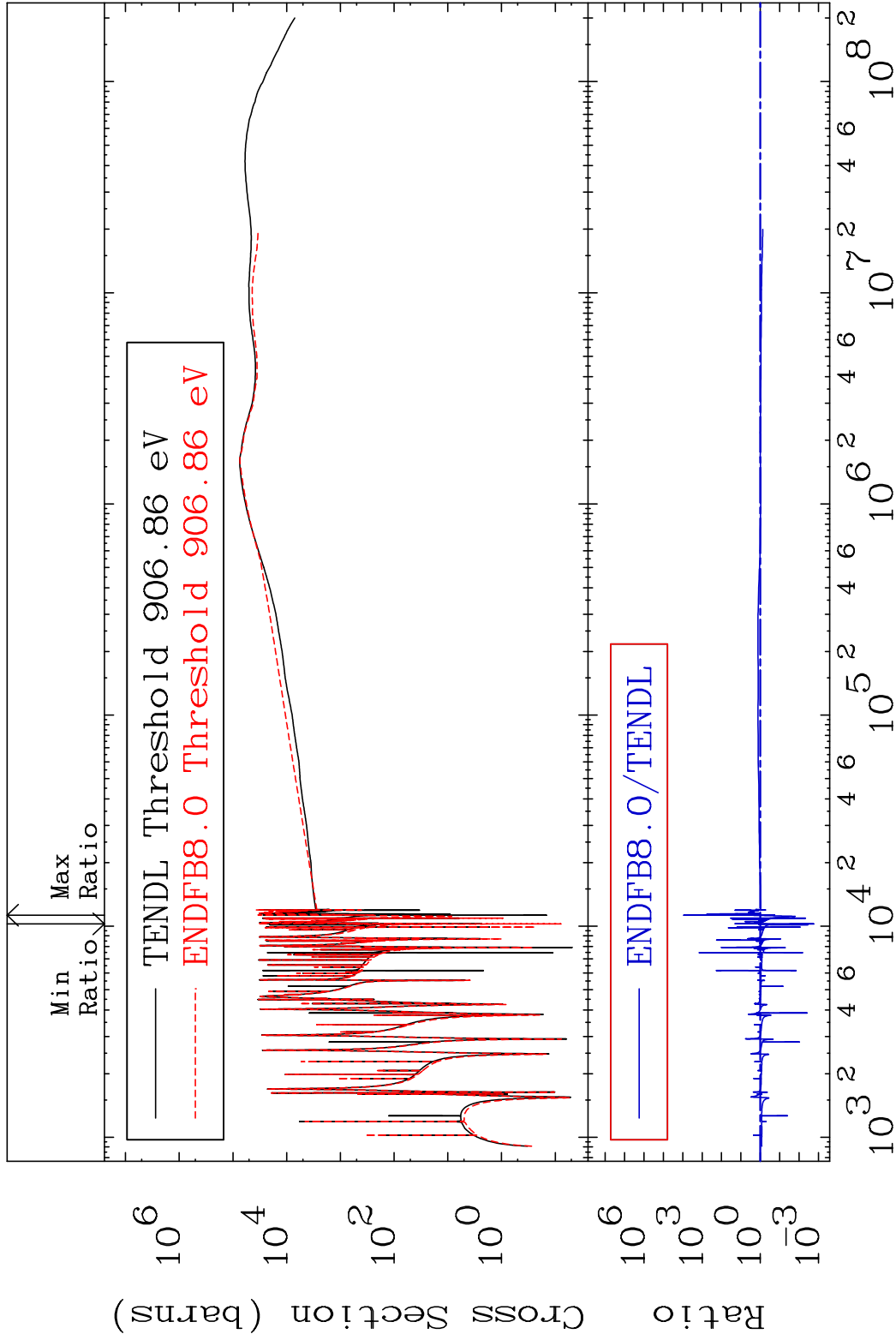
MAT 6225 Total kinematic kerma (high limit) 62-Sm-144
 Cross Section -99.70 To 9999. %



MAT 6225 Dpa total (eV-barns) 62-Sm-144
 Cross Section -99.72 To 9999. %

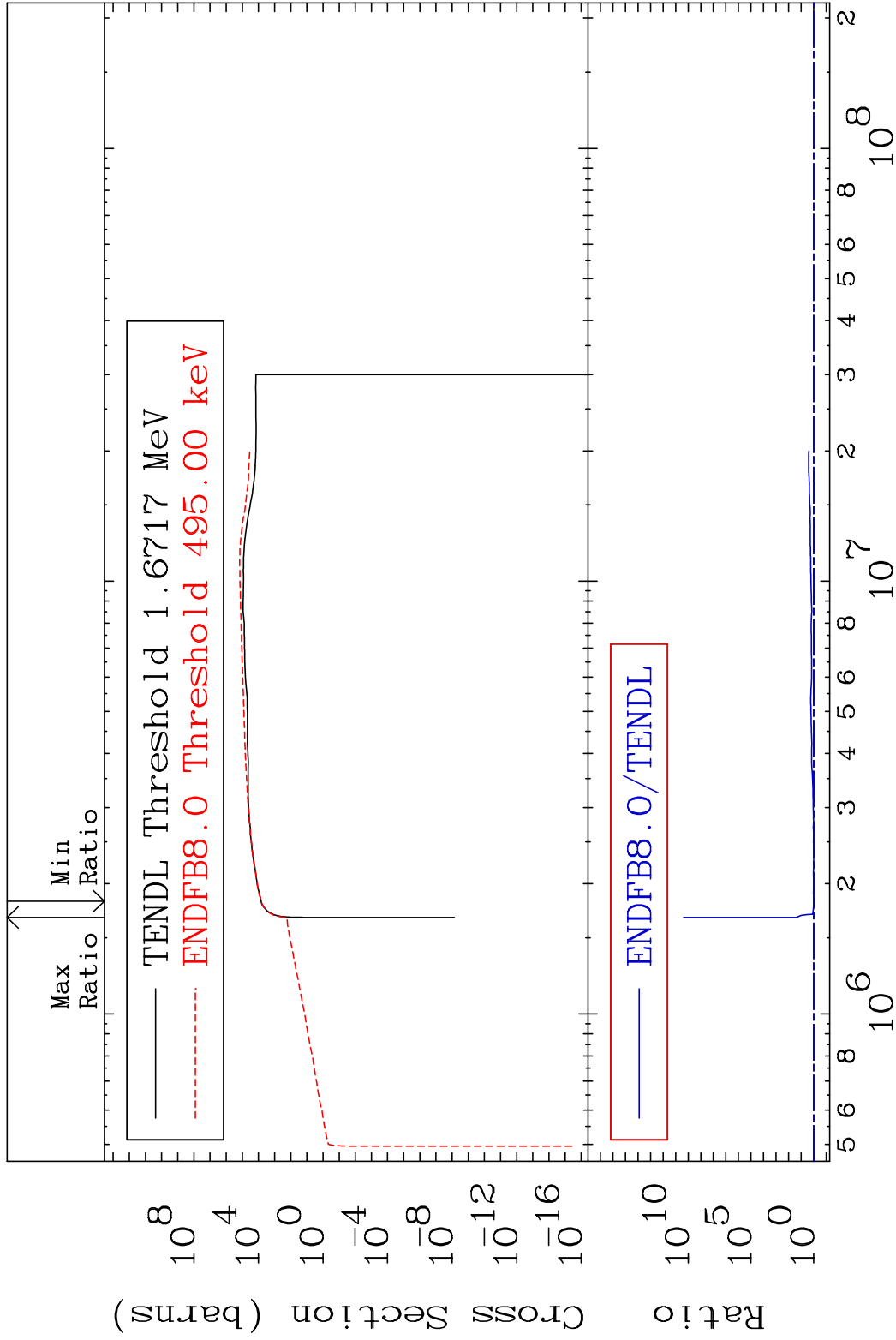


MAT 6225 Dpa elastic (mt2) 62-Sm-144
 Cross Section -99.83 To 9999. %



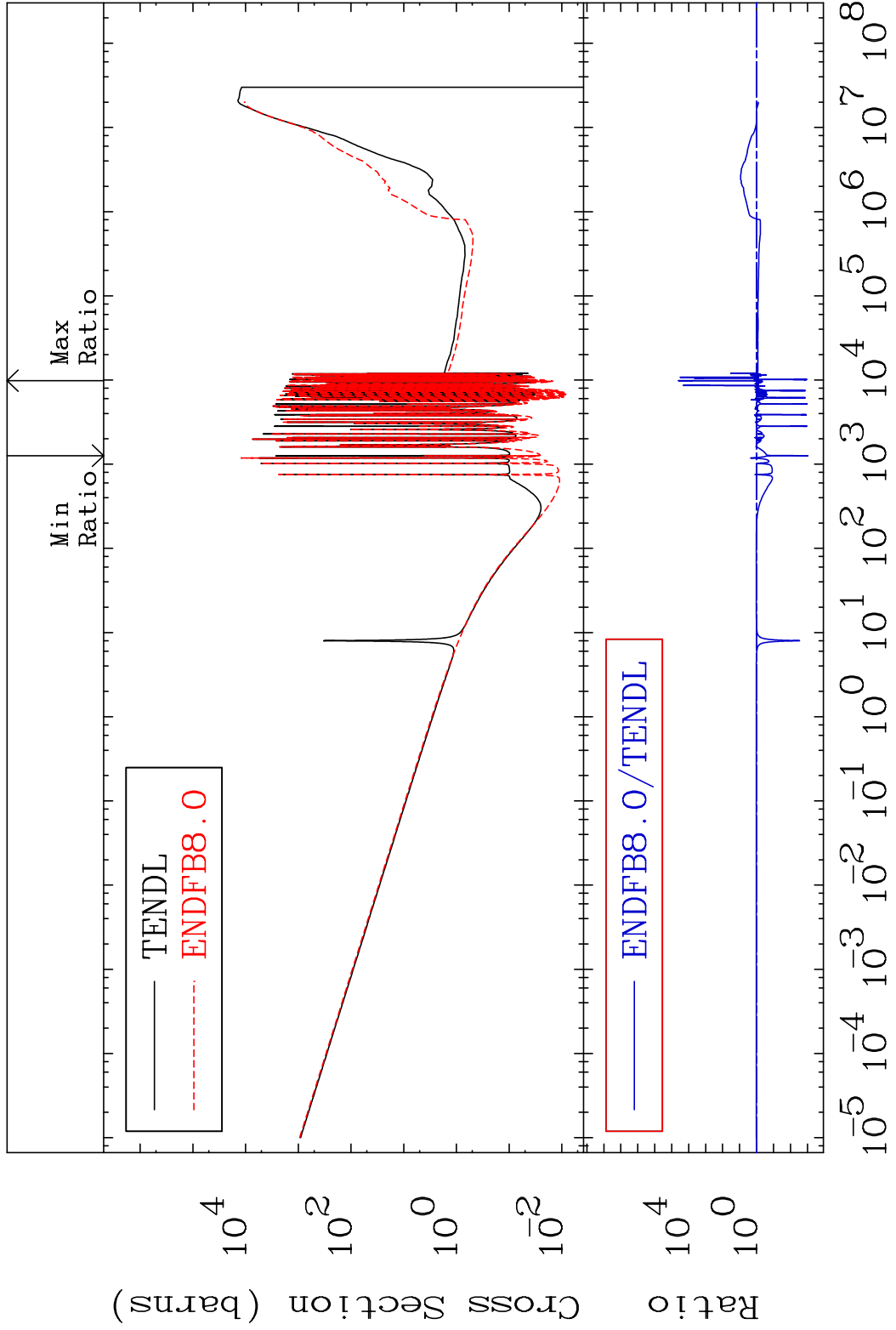
40 Incident Energy (eV) 62-Sm-144

MAT 6225 Dpa inelastic (mt51-91) 62-Sm-144
 Cross Section -4.674 To 9999. %



41 Incident Energy (eV) 62-Sm-144

MAT 6225 Dpa disappearance (mt102 -120) 62-Sm-144
 Cross Section -99.90 To 9999. %



42 Incident Energy (eV) 62-Sm-144