

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

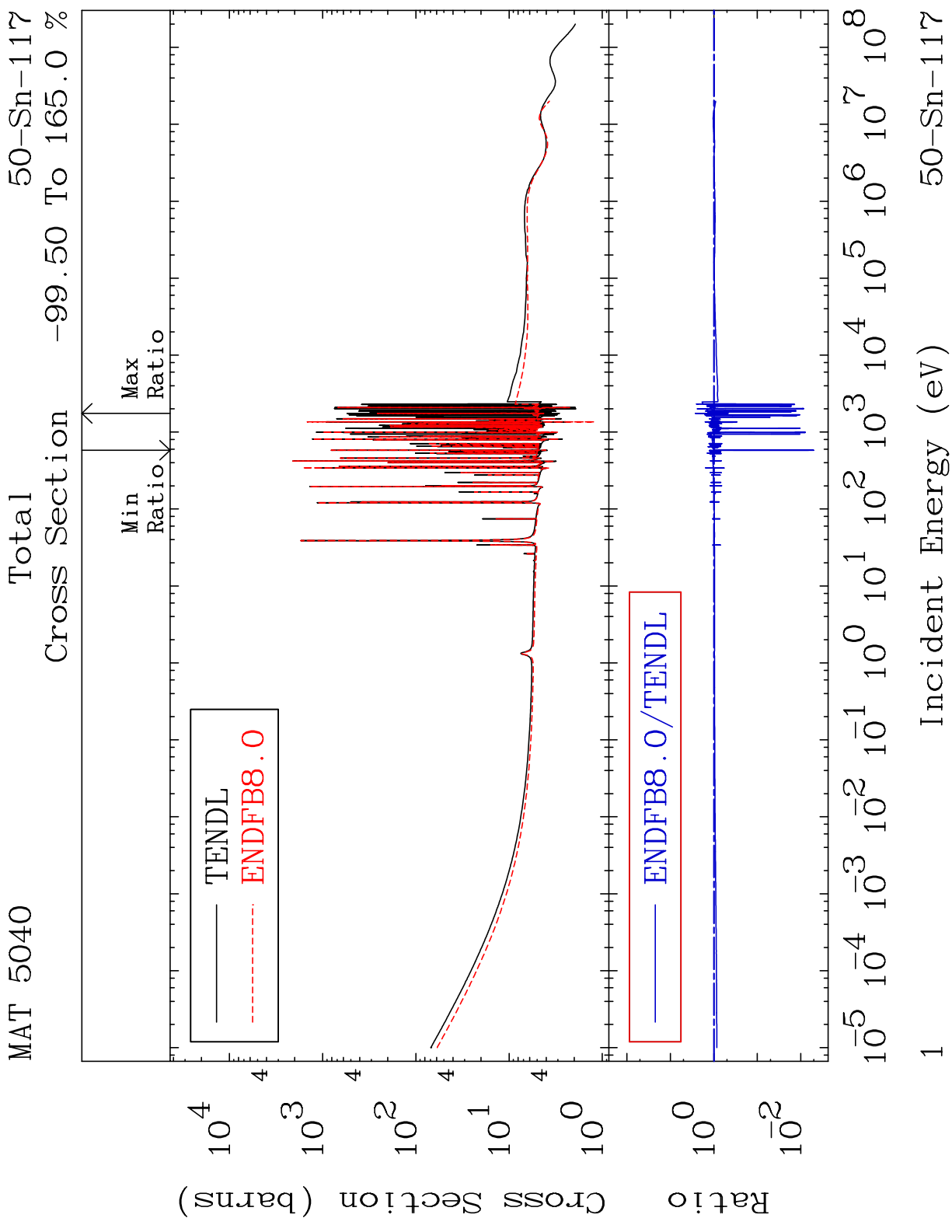
Dermott E. Cullen
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Livermore, CA 94550

U.S.A.

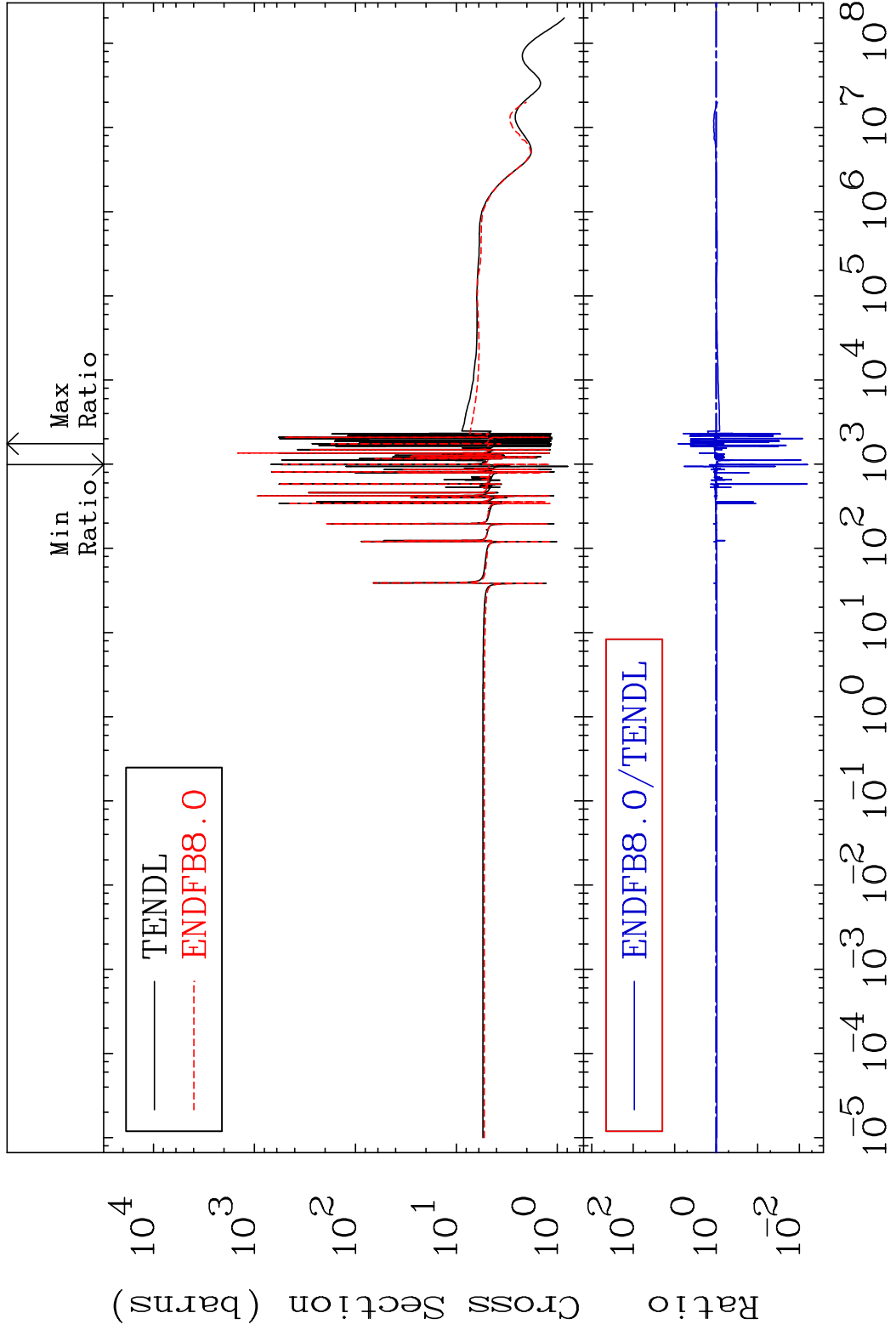
Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

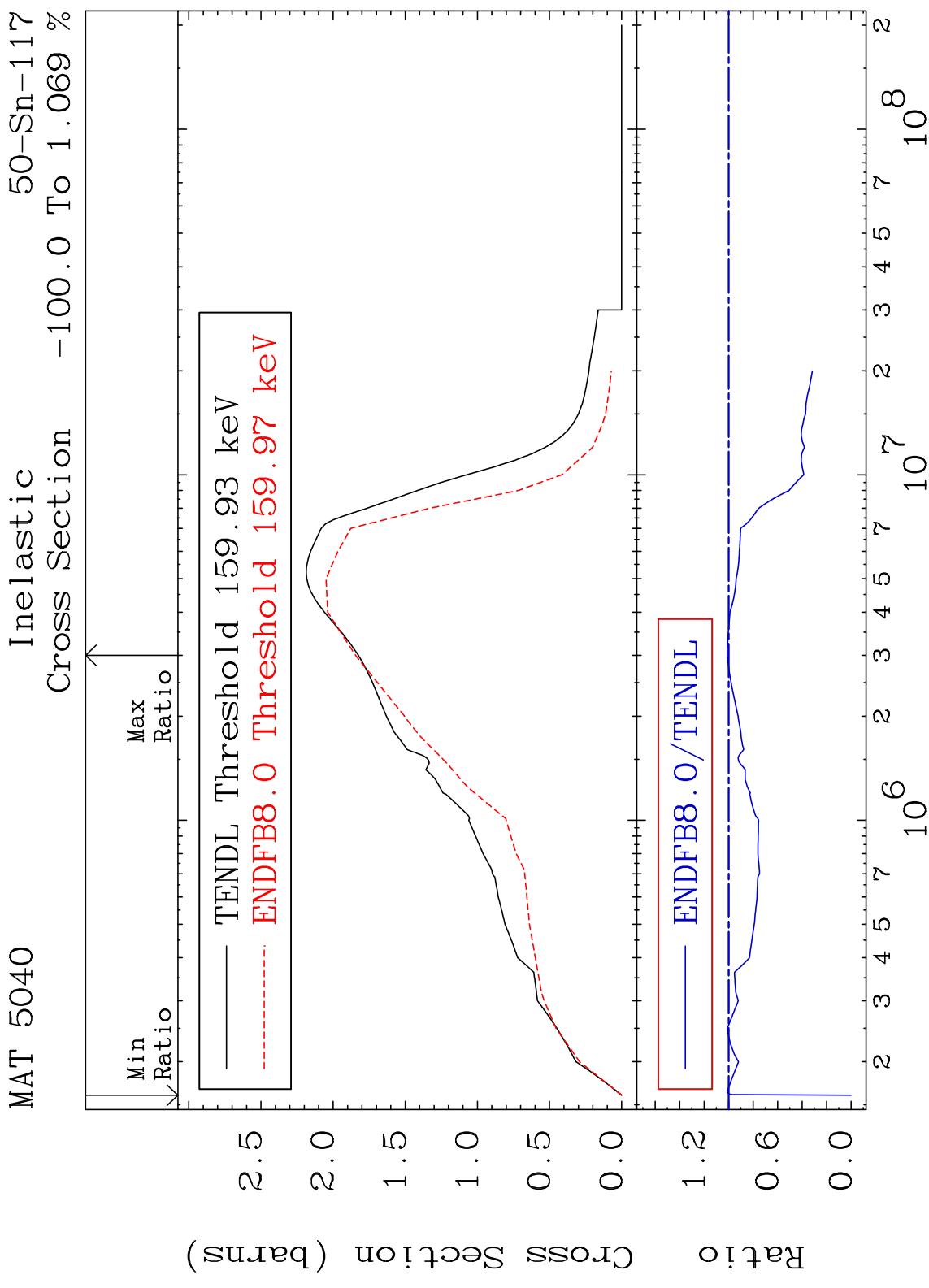
Press Mouse Button to Start

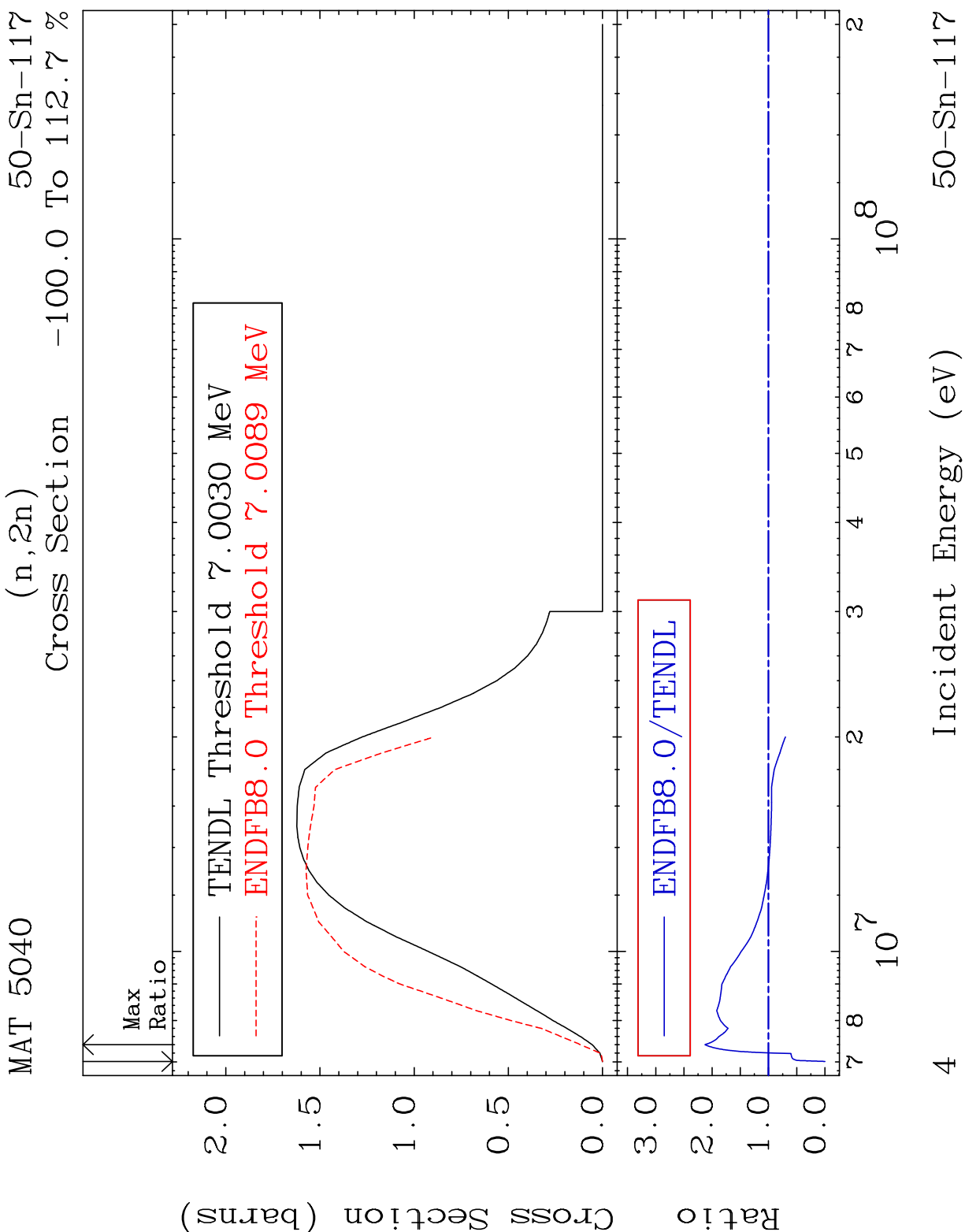


MAT 5040 Elastic Cross Section -99.37 To 719.4 % 50-Sn-117

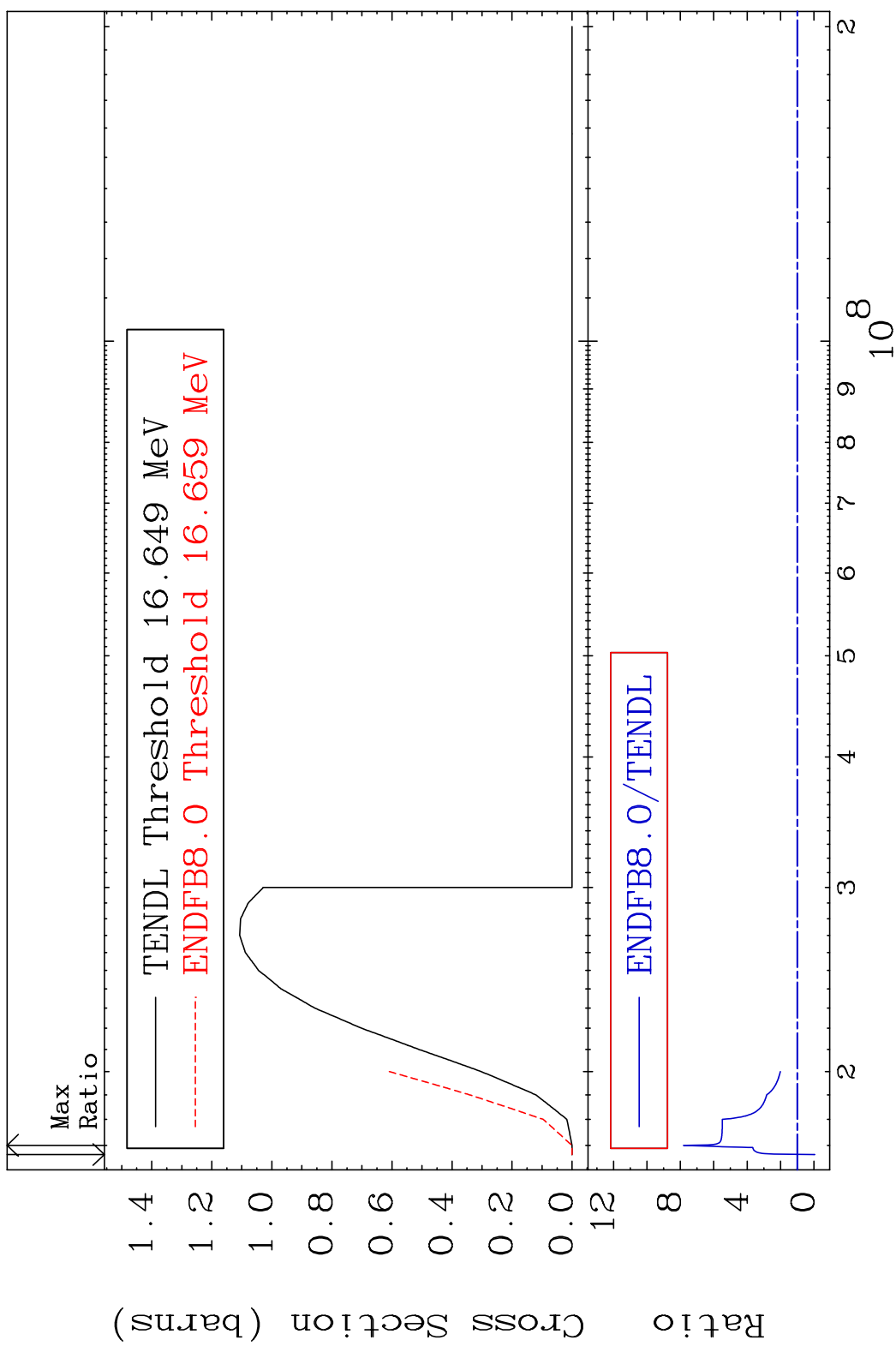


2 Incident Energy (eV) 50-Sn-117

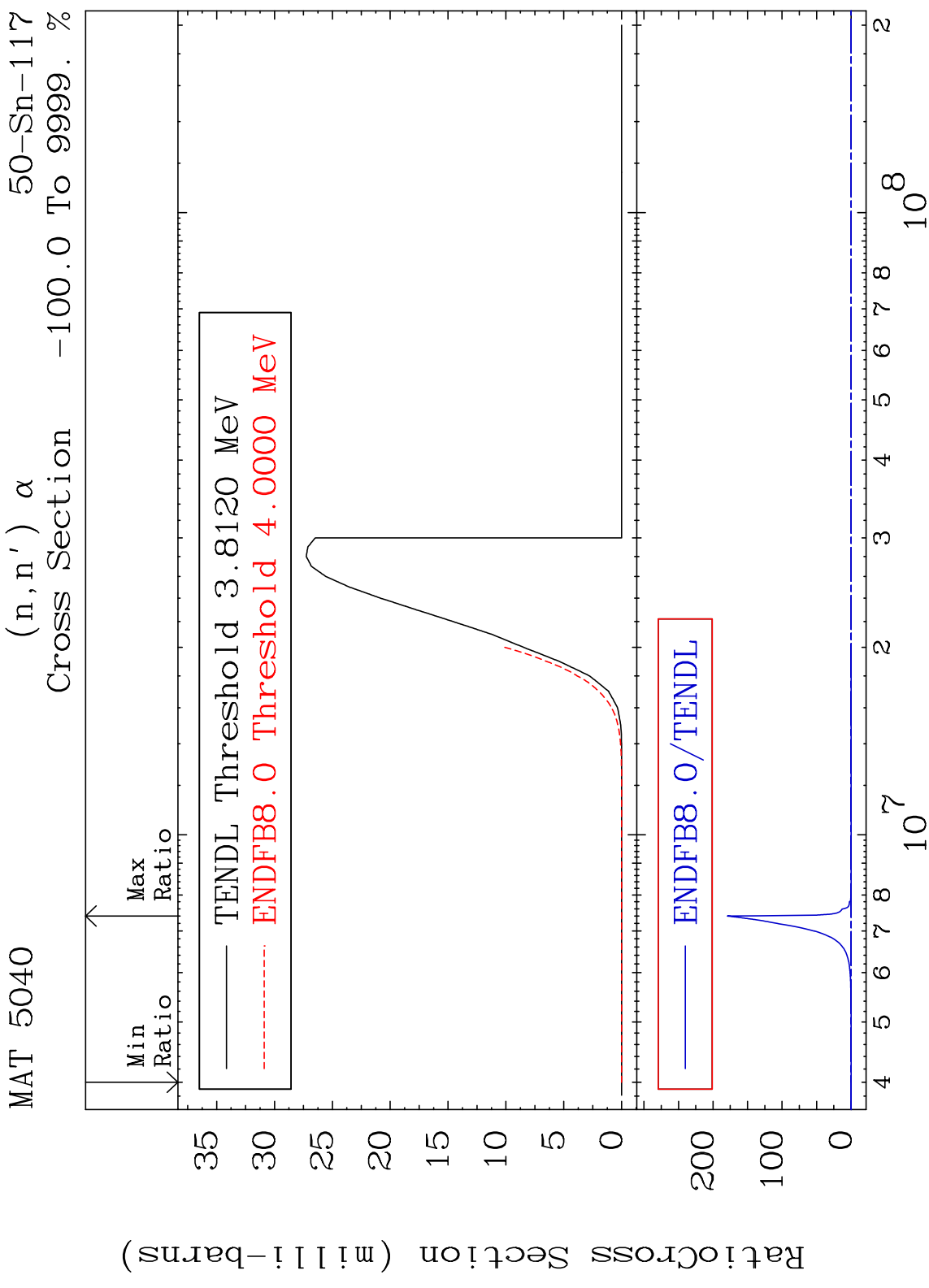


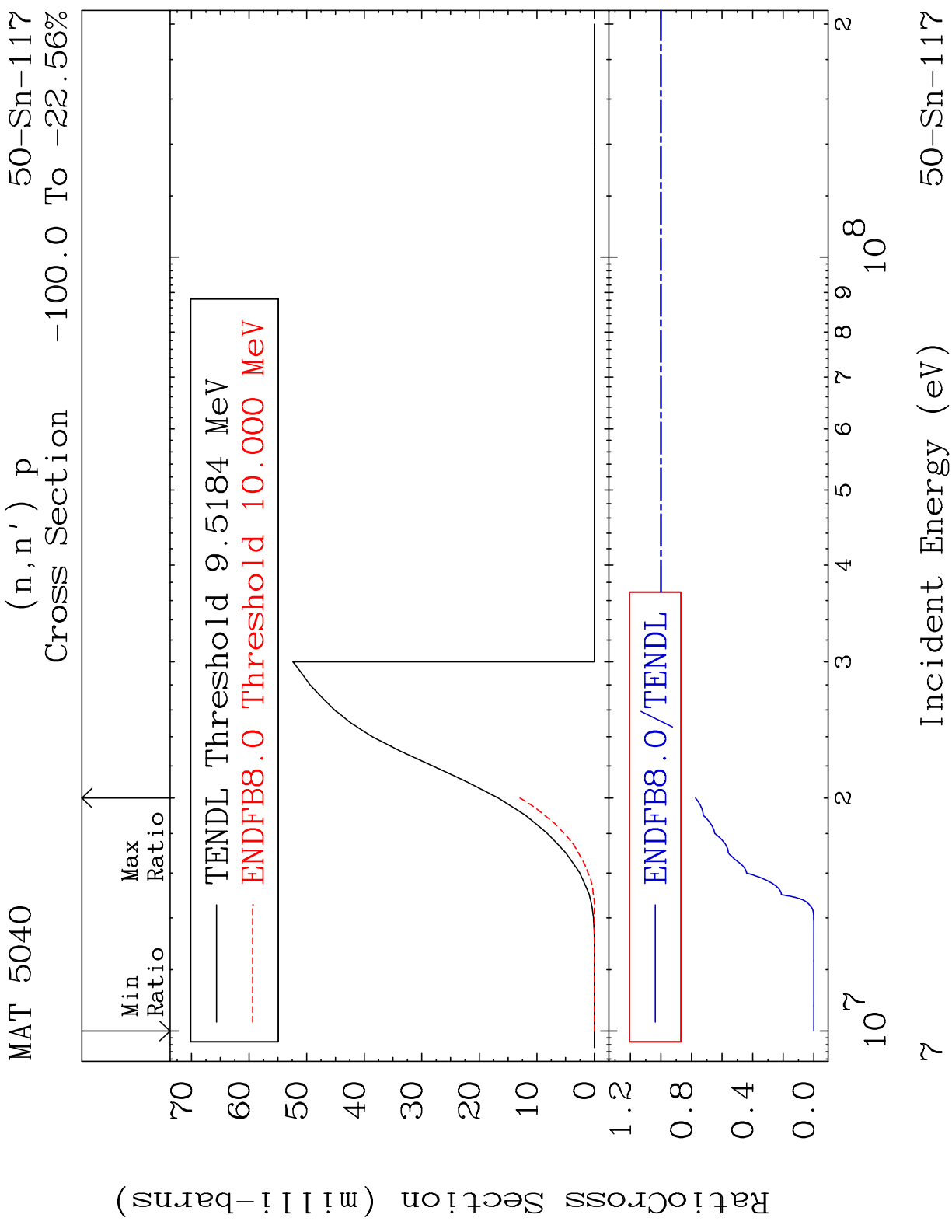


MAT 5040 (n,3n) 50-Sn-117
 Cross Section -100.0 To 681.4 %

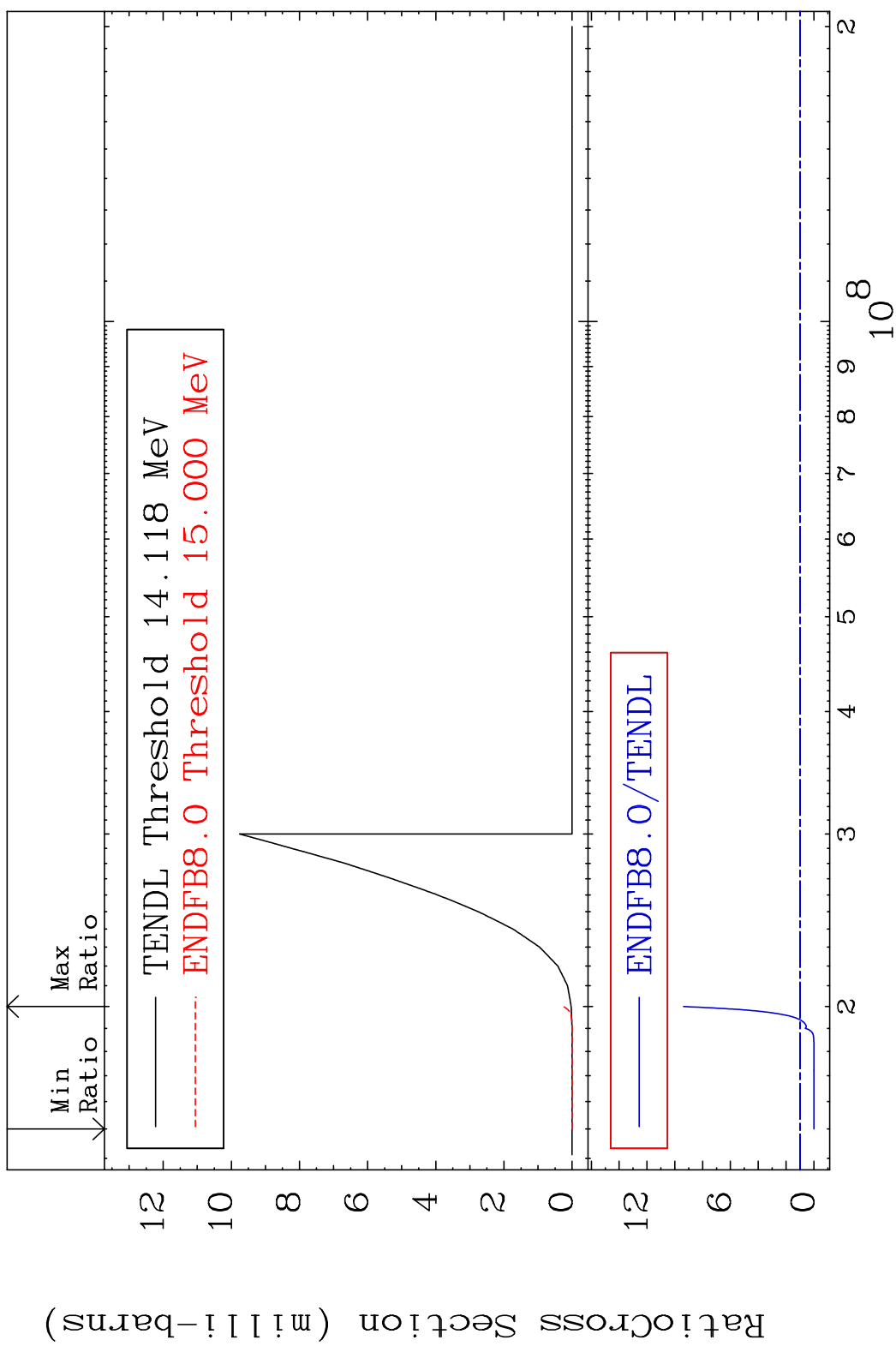


5 Incident Energy (eV) 50-Sn-117

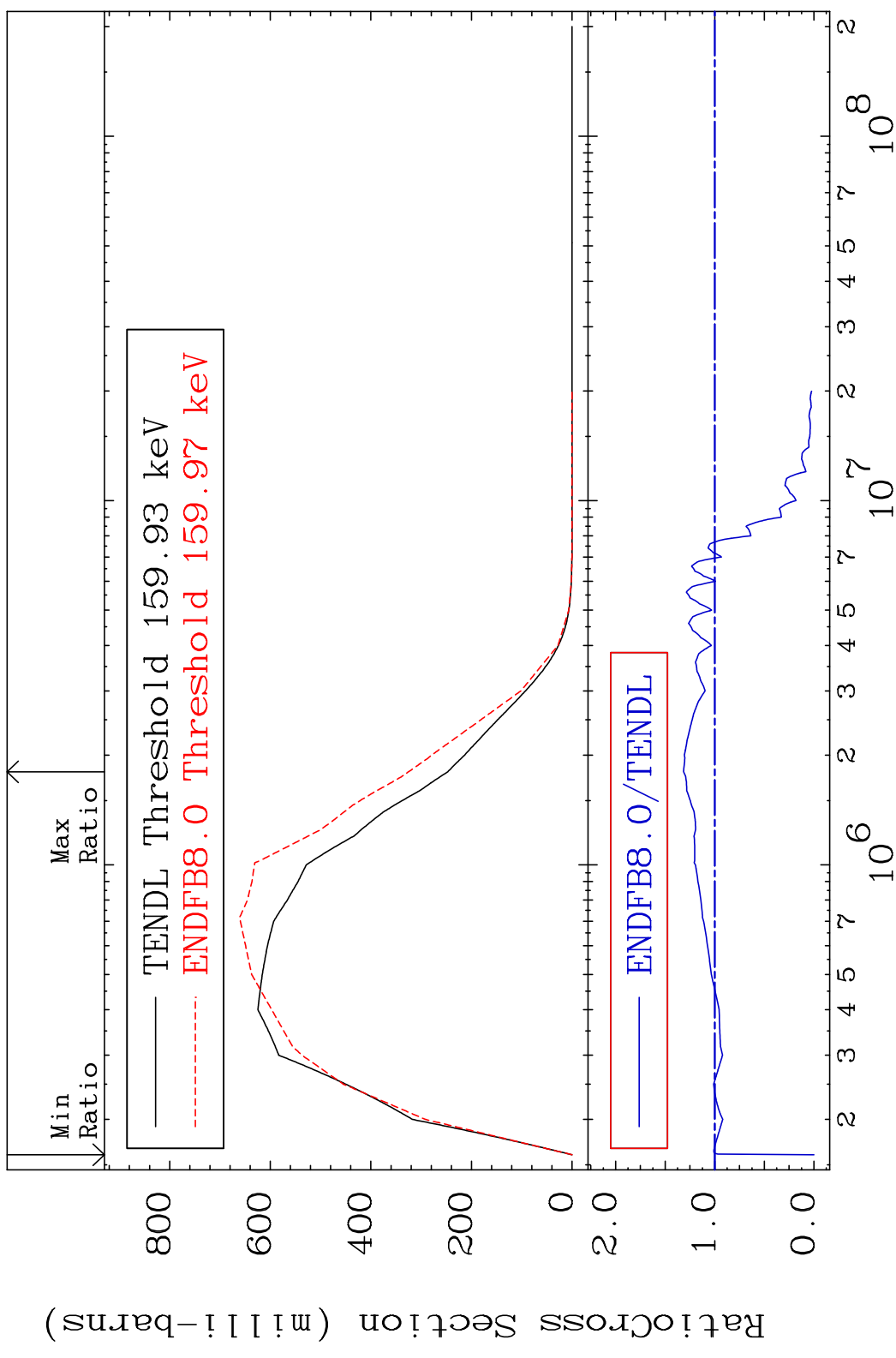




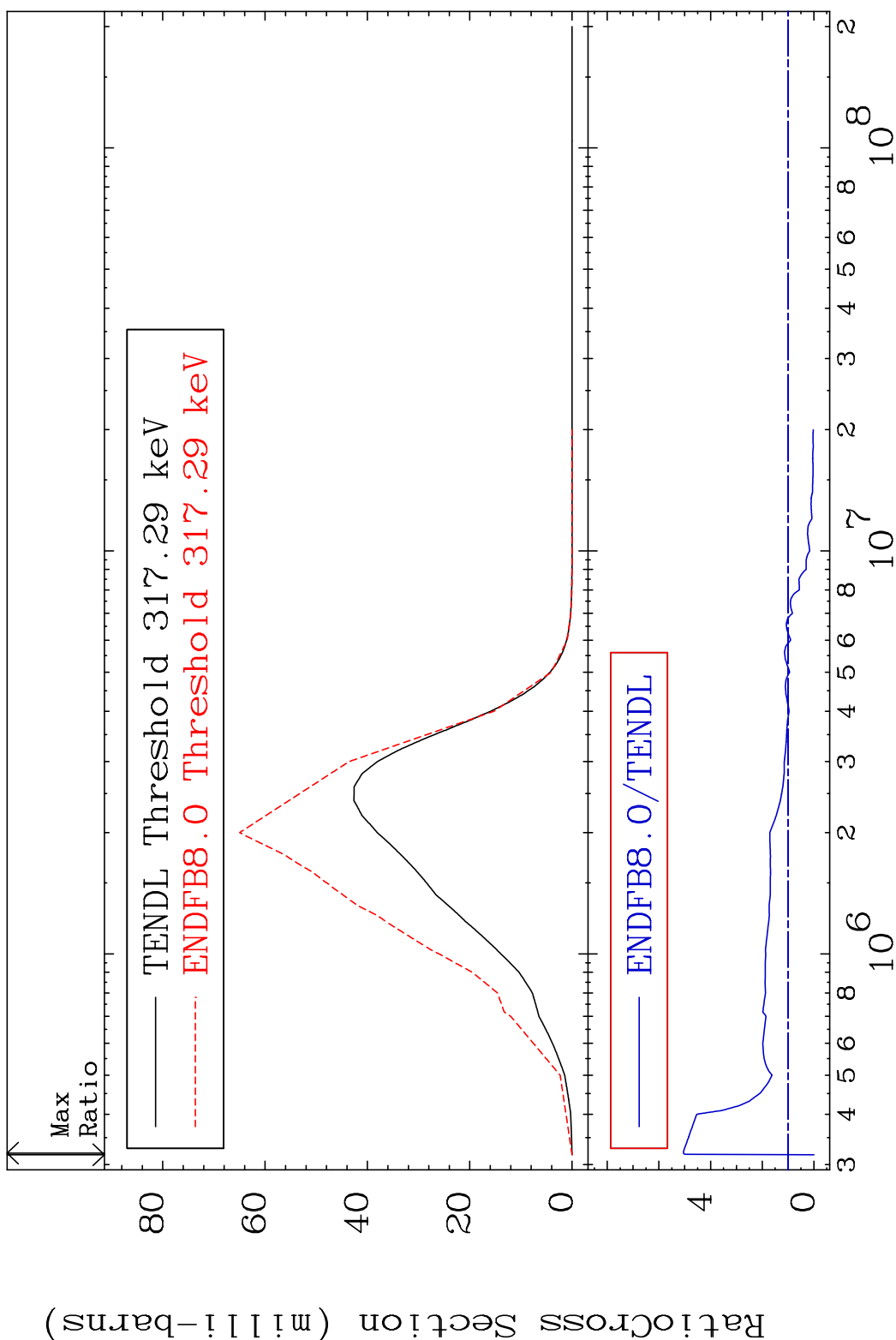
MAT 5040 (n, n') d 50-Sn-117
 Cross Section -100.0 To 837.7 %



MAT 5040 MT= 51 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 31.56 %

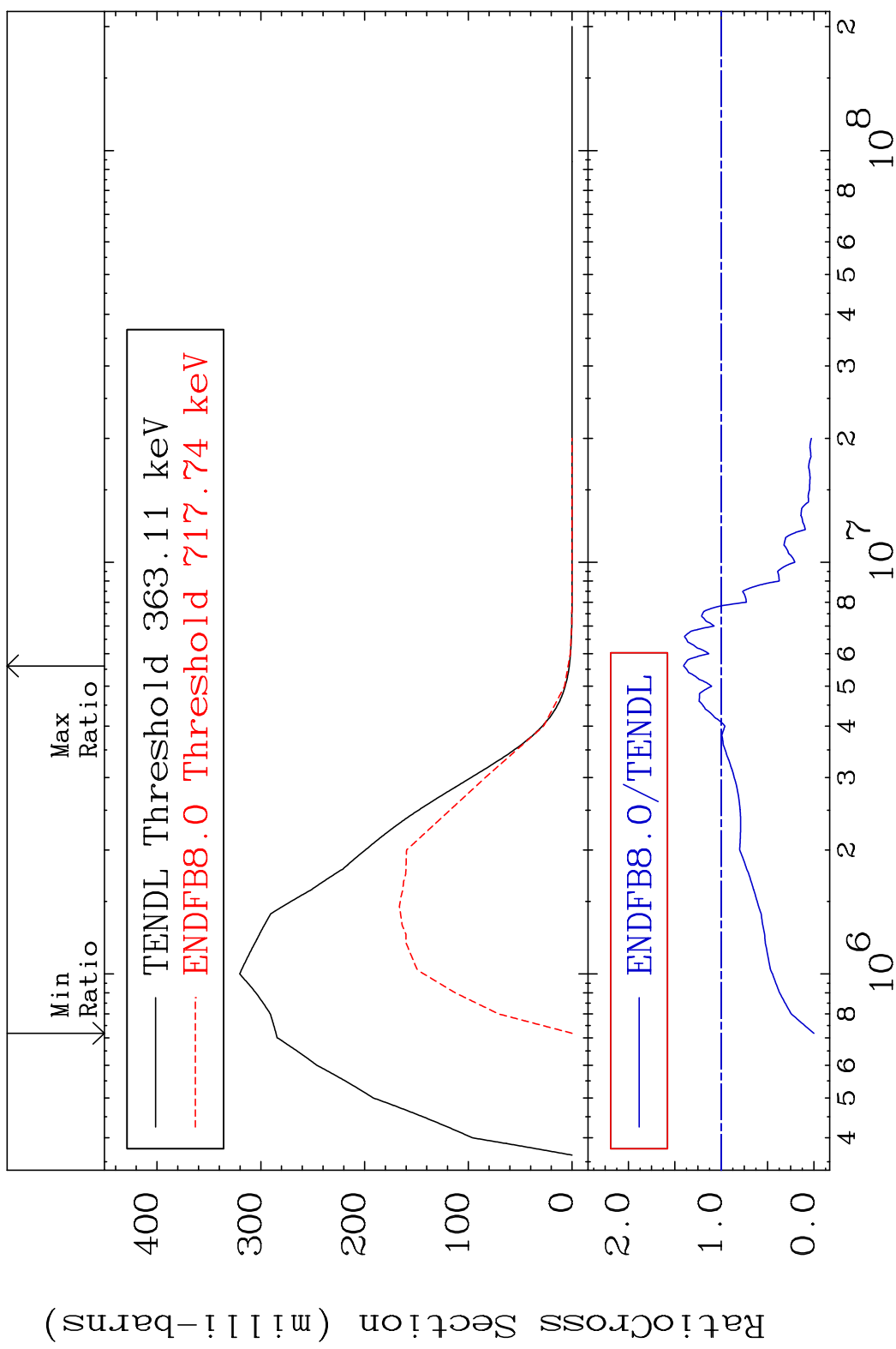


MAT 5040 MT= 52 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 404.9 %

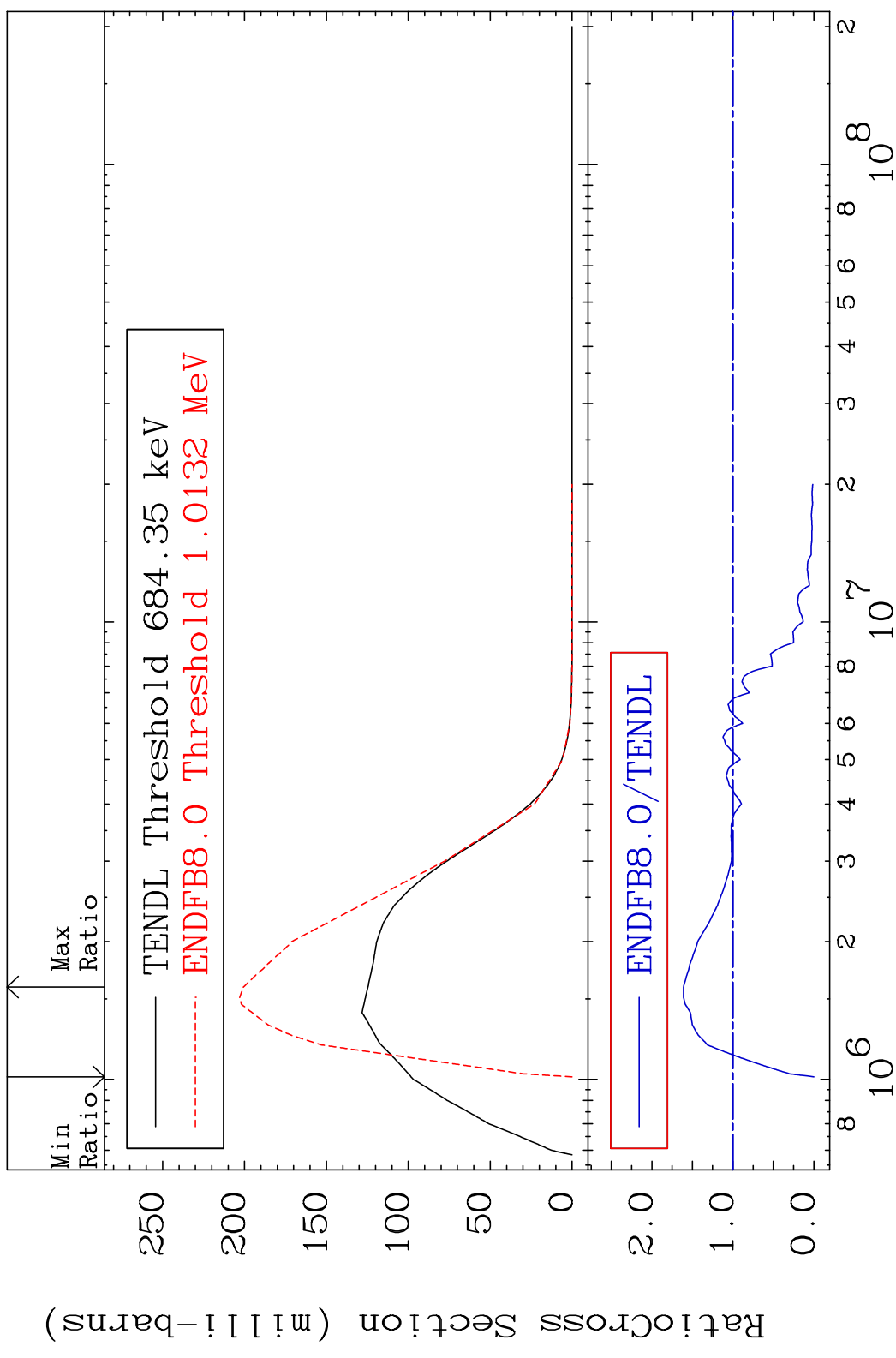


10 Incident Energy (eV) 50-Sn-117

MAT 5040 MT= 53 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 40.65 %

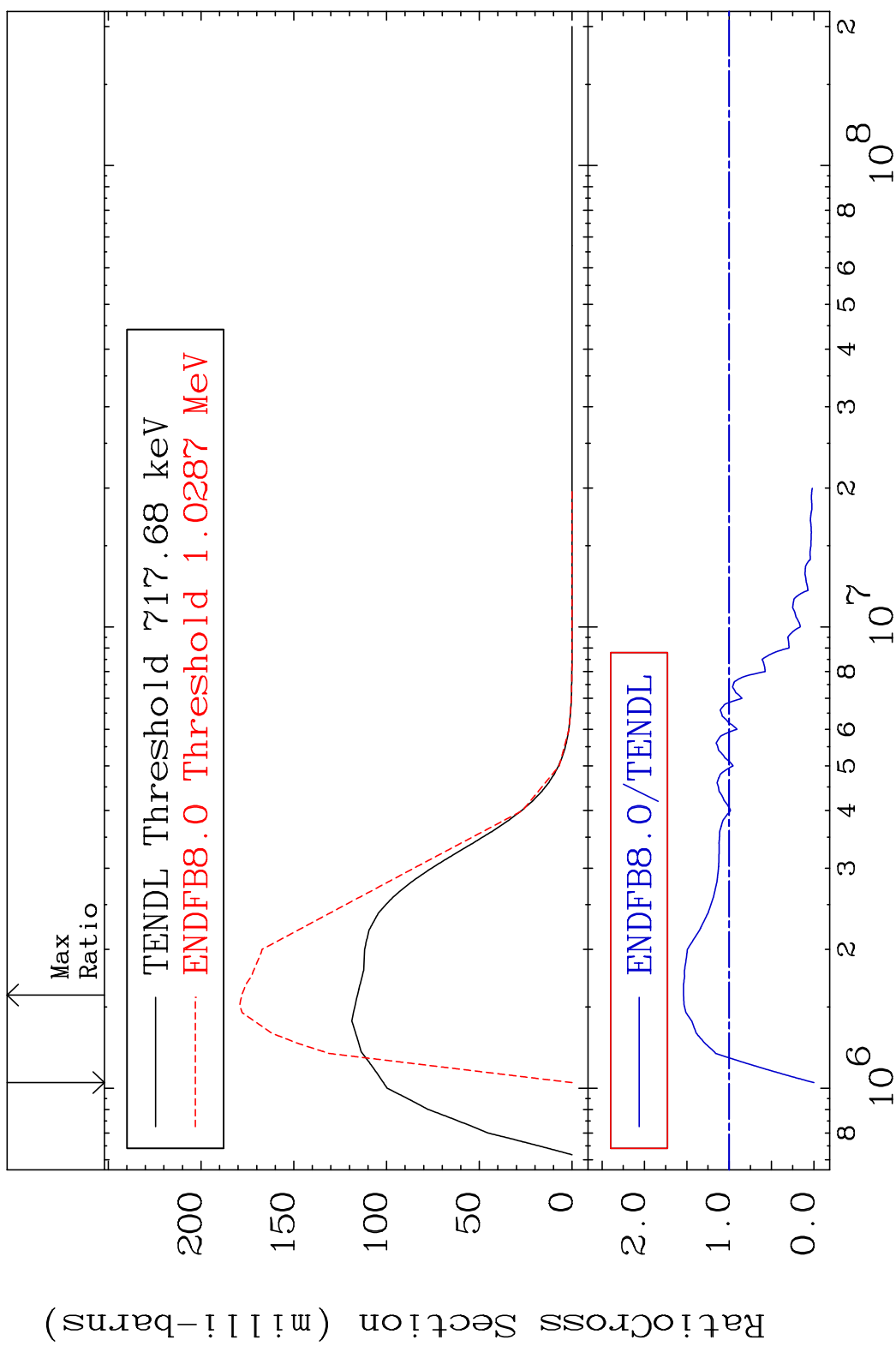


MAT 5040 MT= 54 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 60.99 %



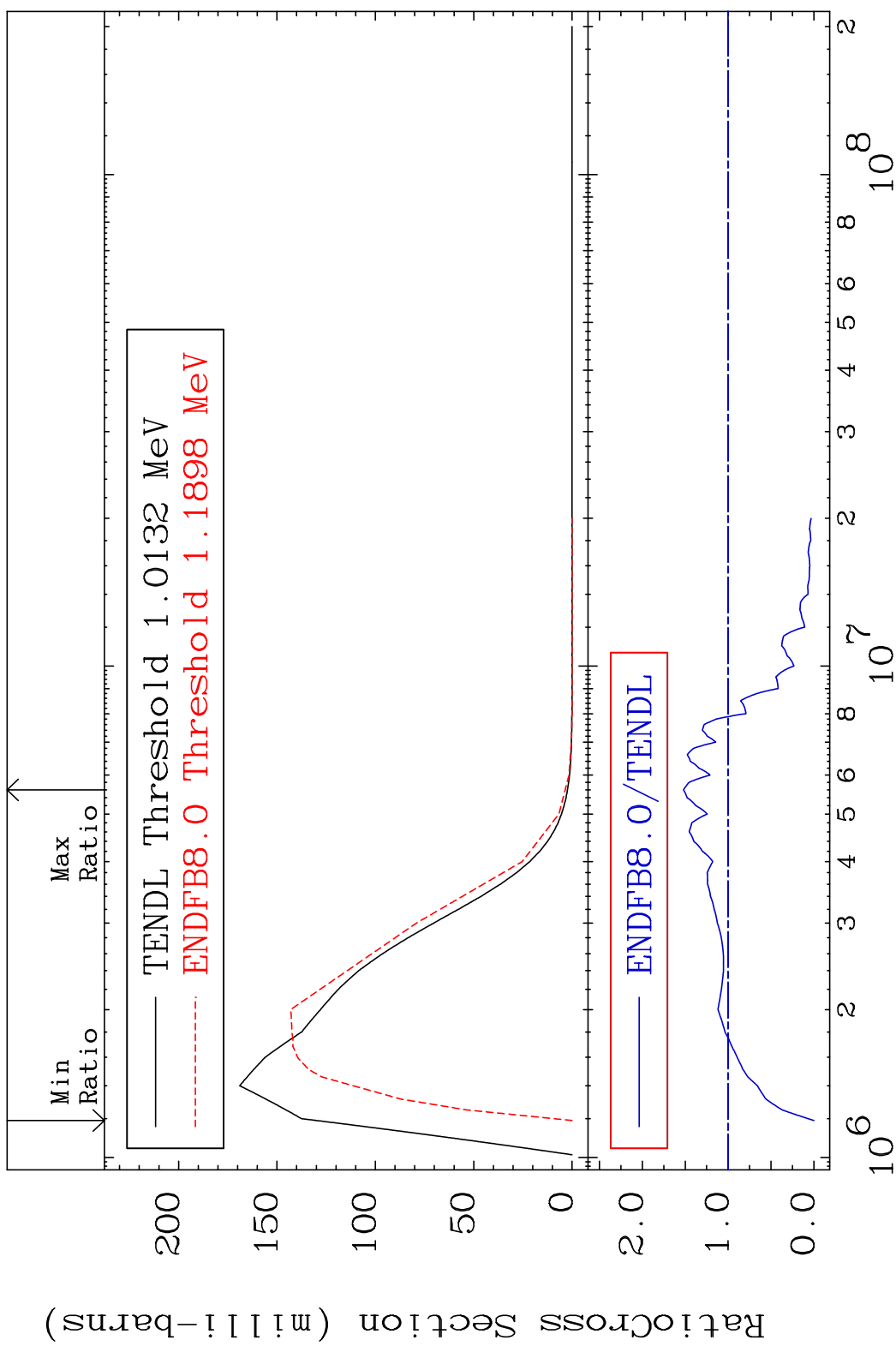
12 Incident Energy (eV) 50-Sn-117

MAT 5040 MT= 55 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 53.97 %



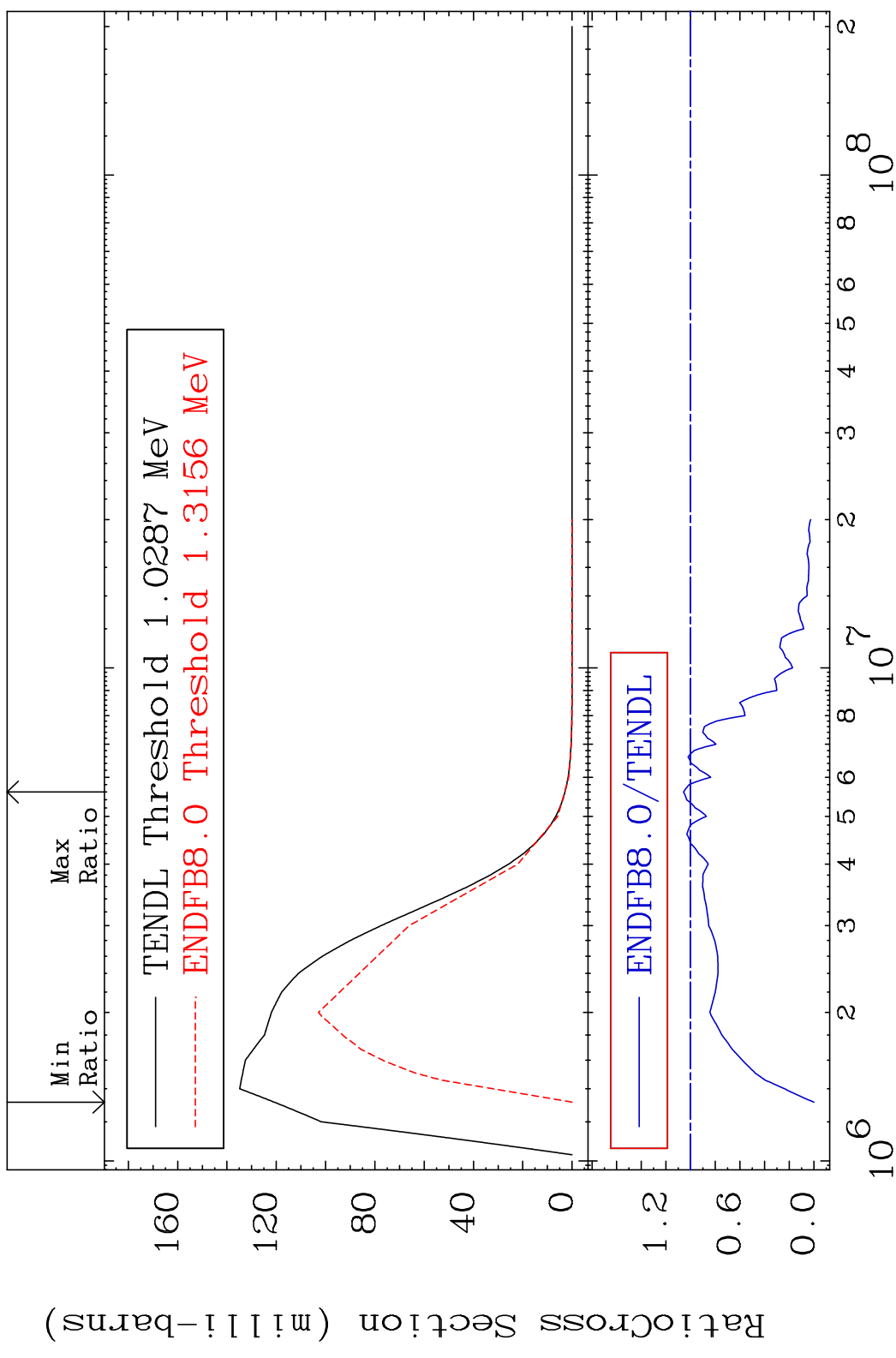
13 Incident Energy (eV) 50-Sn-117

MAT 5040 MT= 56 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 52.04 %



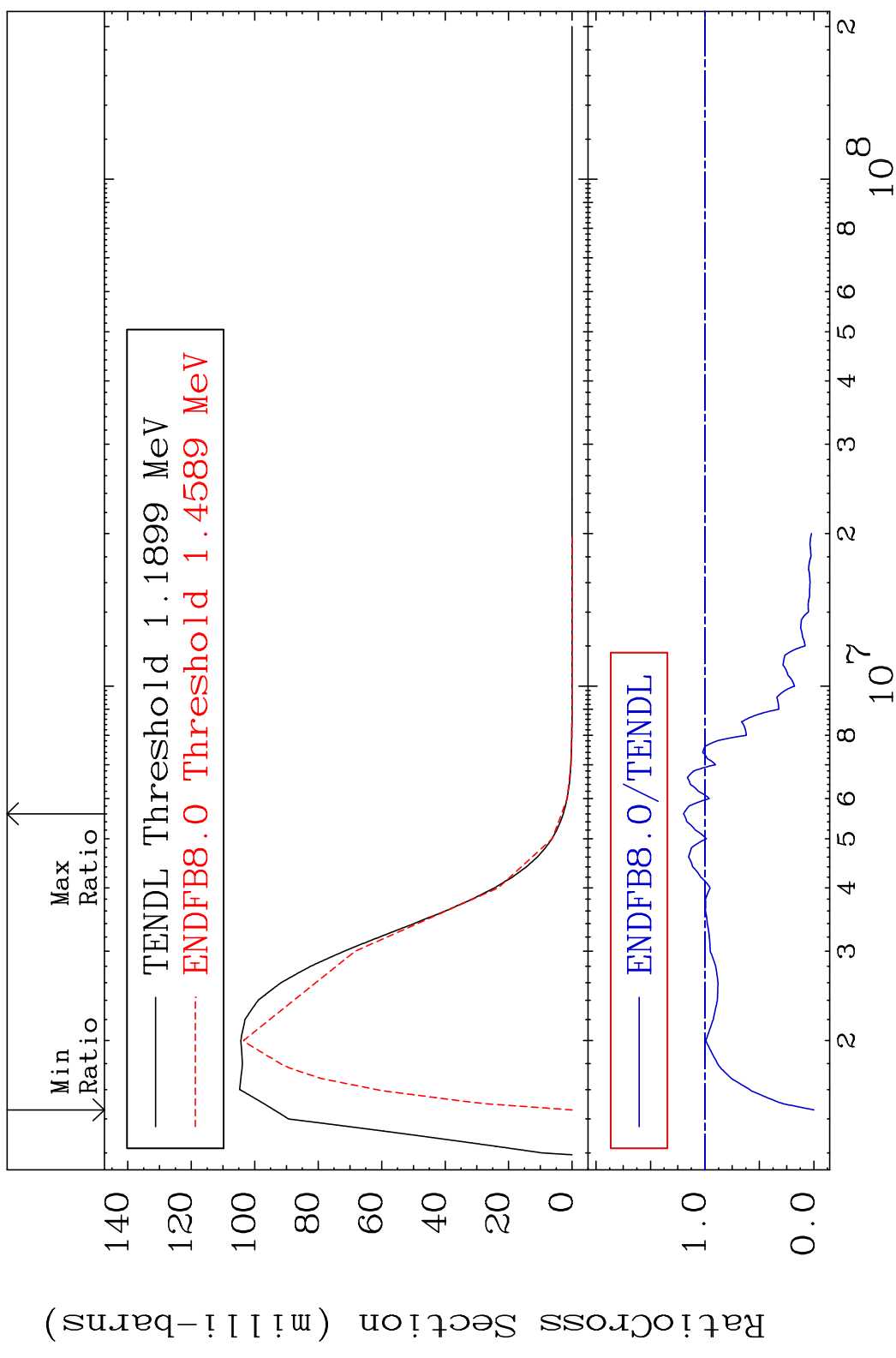
14 Incident Energy (eV) 50-Sn-117

MAT 5040 MT= 57 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 5.816 %



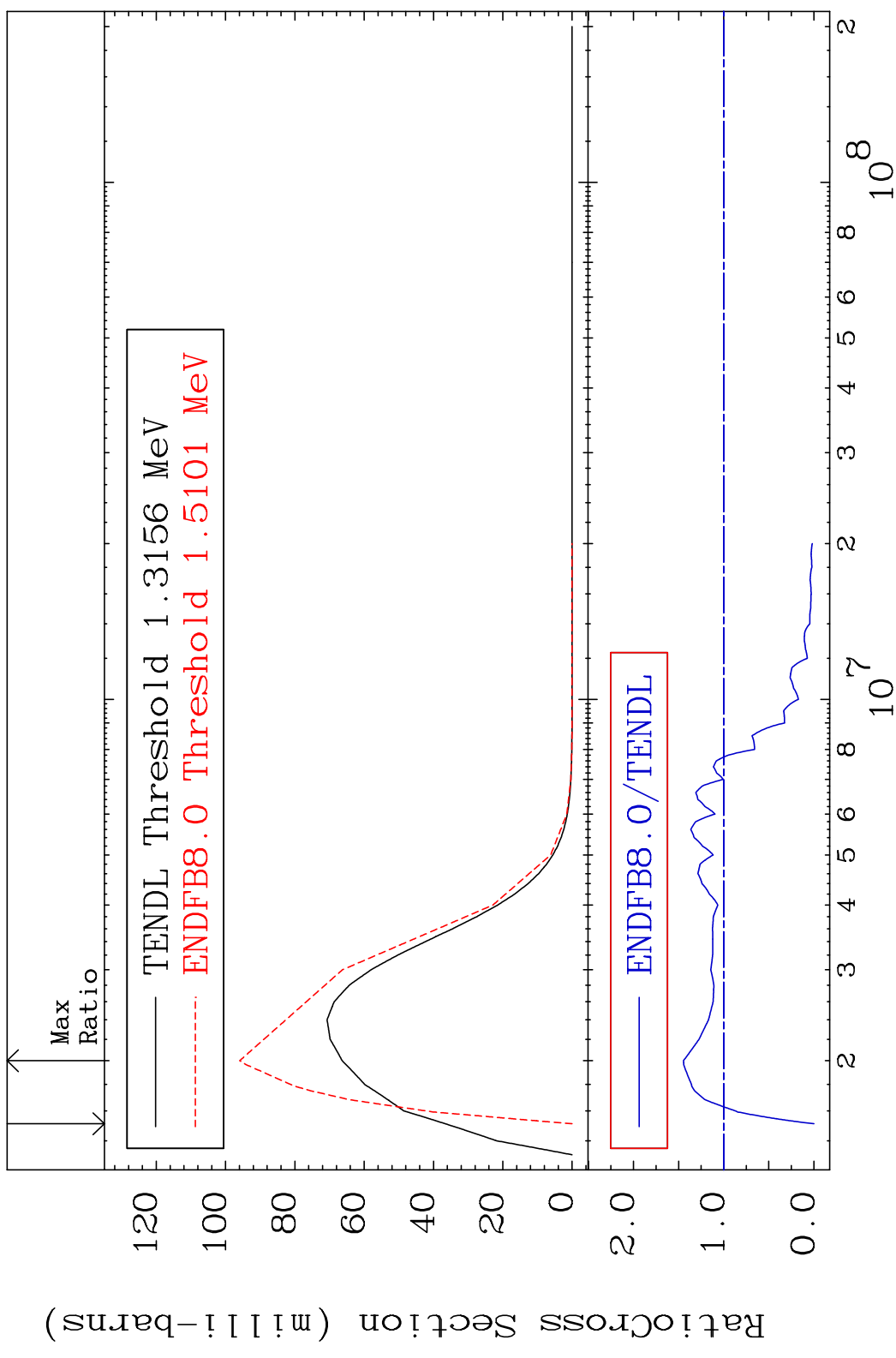
15 Incident Energy (eV) 50-Sn-117

MAT 5040 MT= 58 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 19.75 %



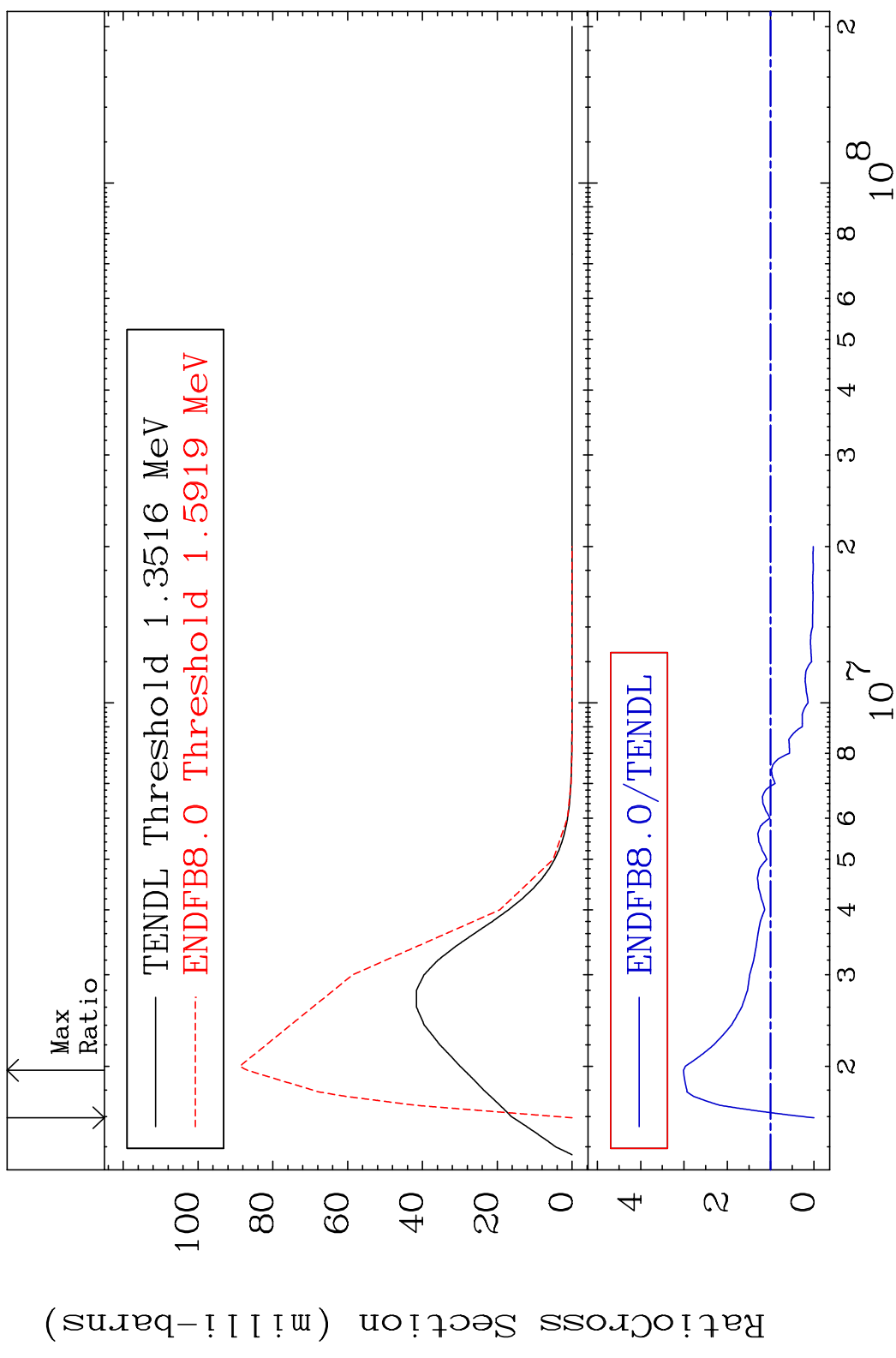
16 Incident Energy (eV) 50-Sn-117

MAT 5040 MT= 59 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 44.59 %



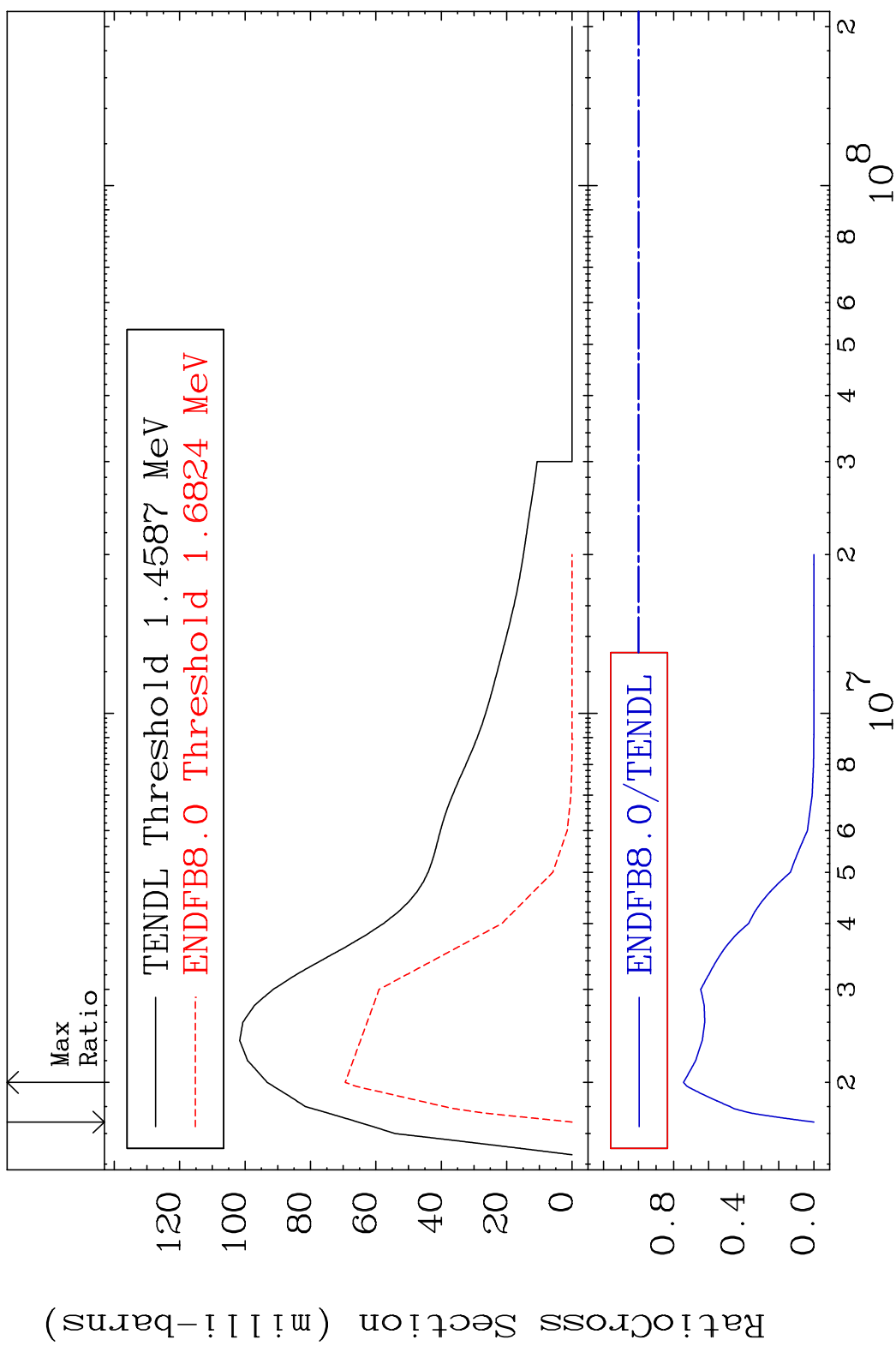
17 Incident Energy (eV) 50-Sn-117

MAT 5040 MT= 60 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 201.3 %

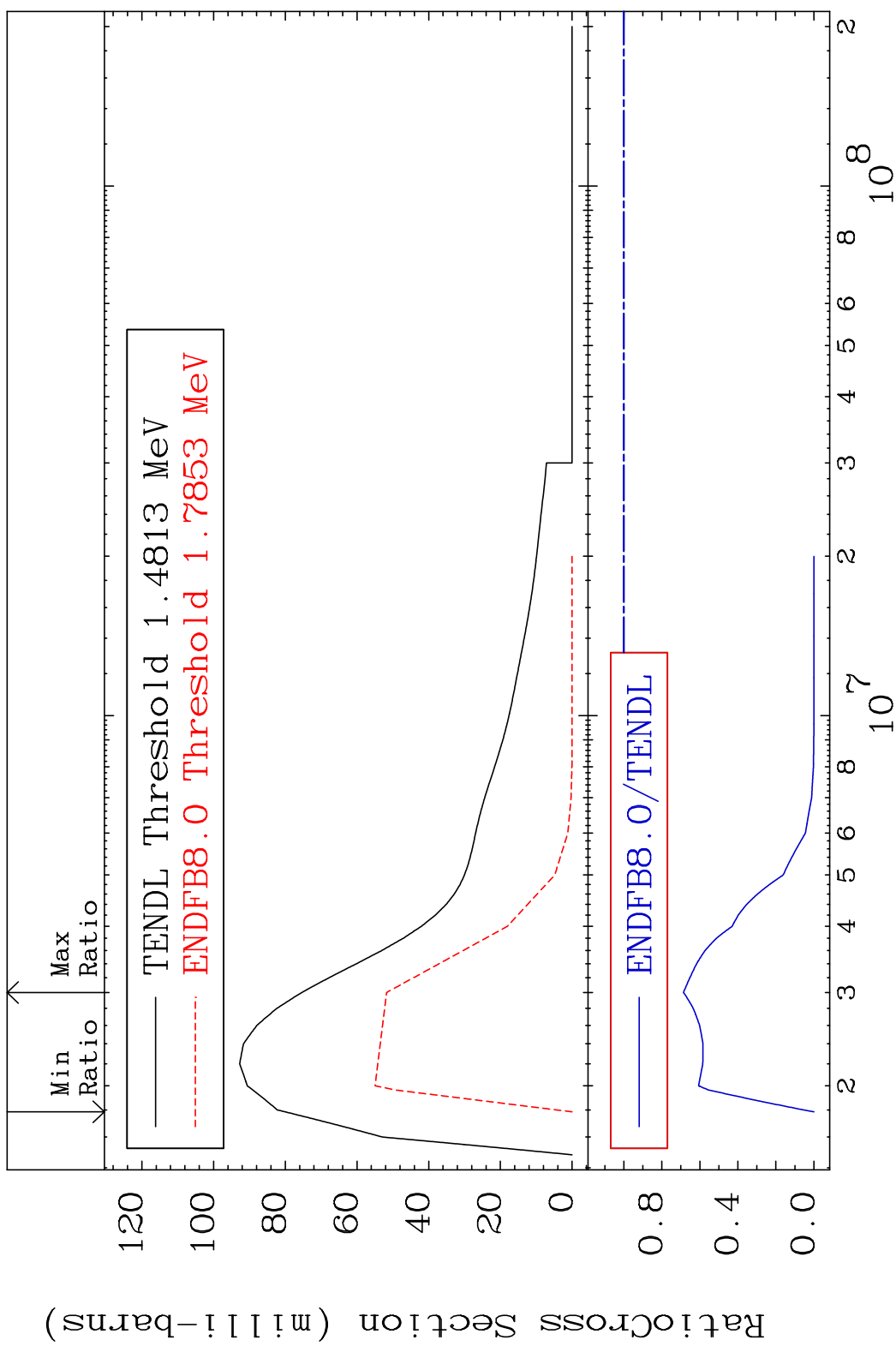


18 Incident Energy (eV) 50-Sn-117

MAT 5040 MT= 61 (n, n') Level 50-Sn-117
 Cross Section -100.0 To -25.59%

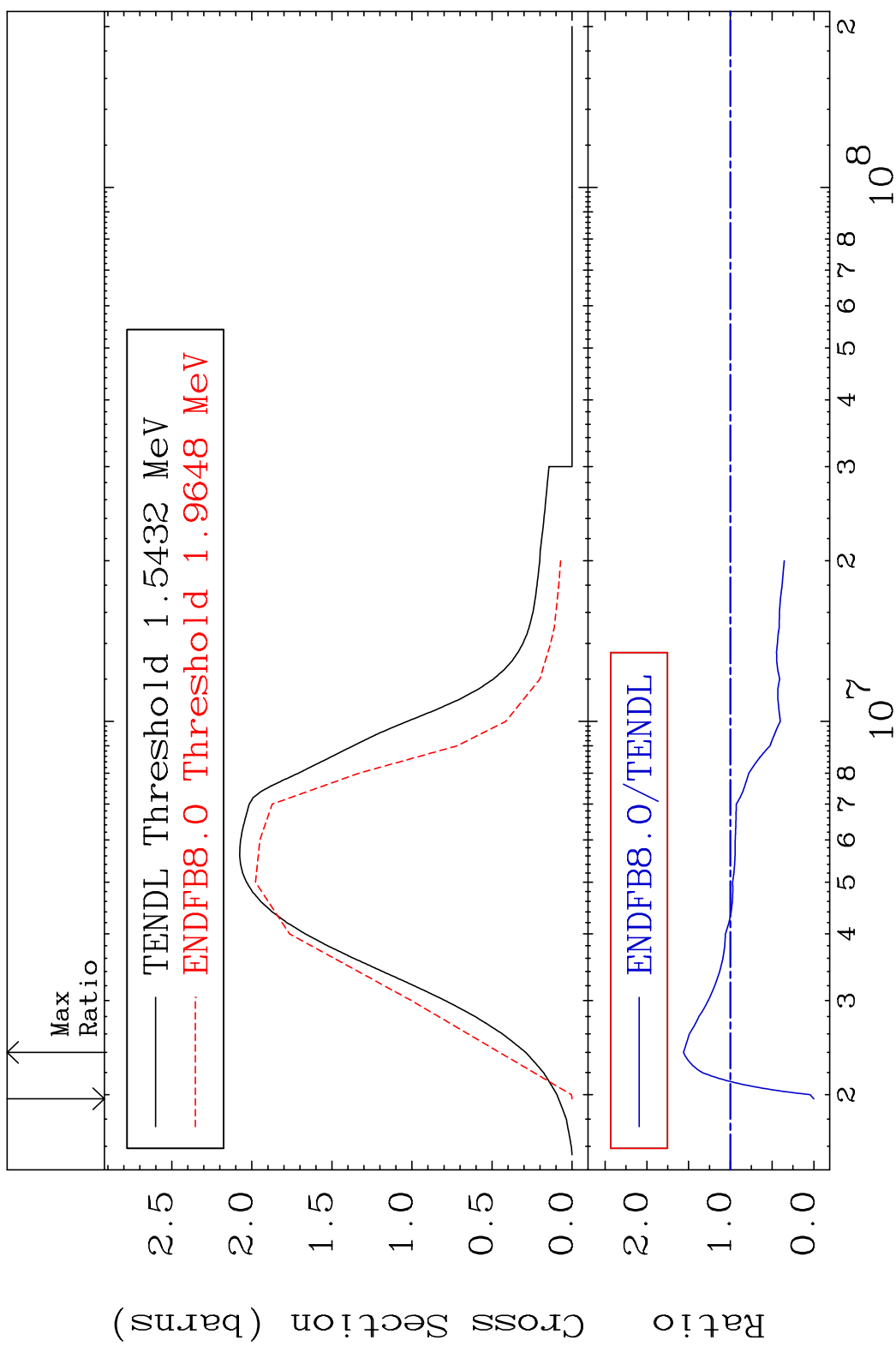


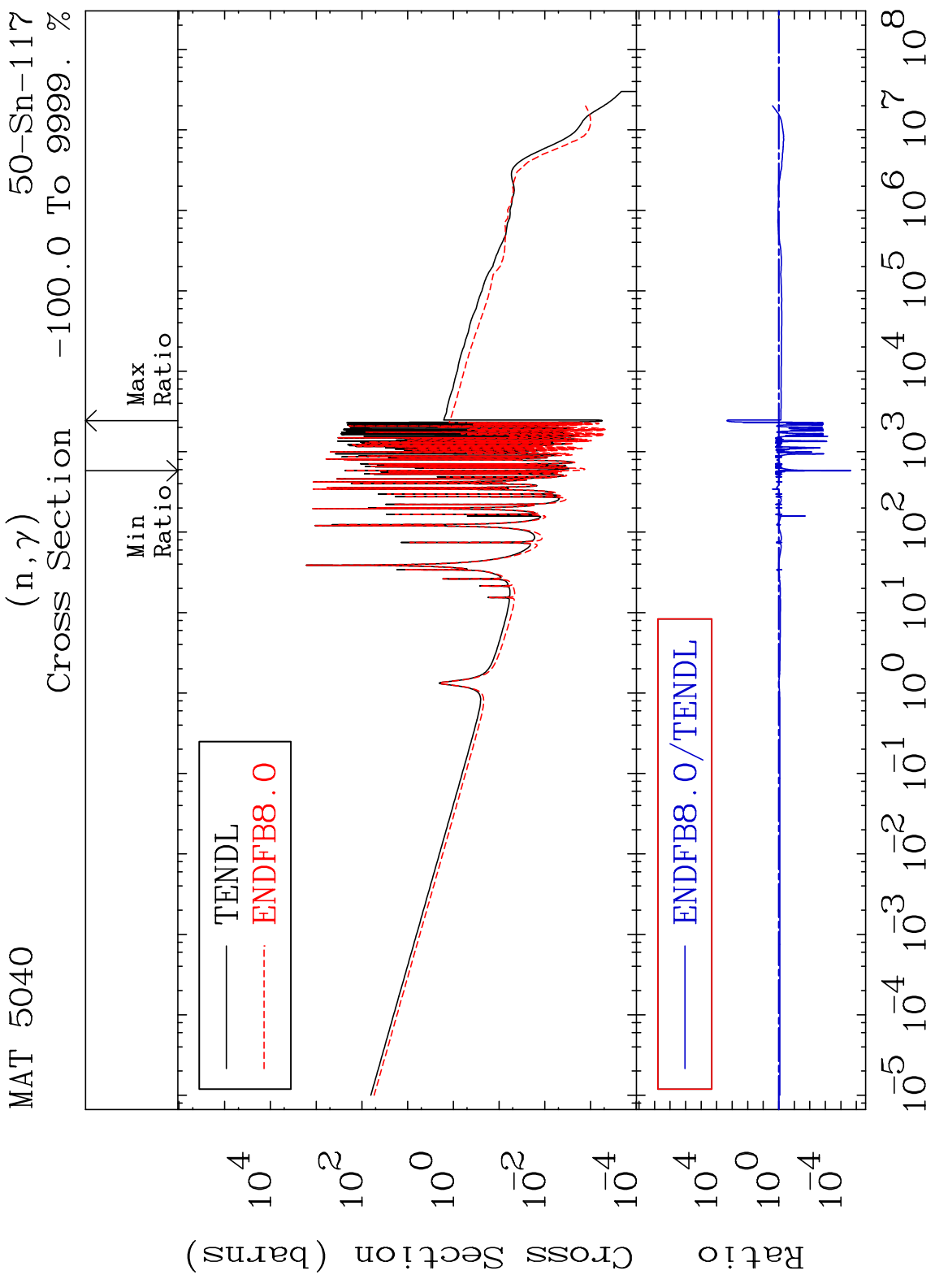
MAT 5040 MT= 62 (n, n') Level 50-Sn-117
 Cross Section -100.0 To -31.38%

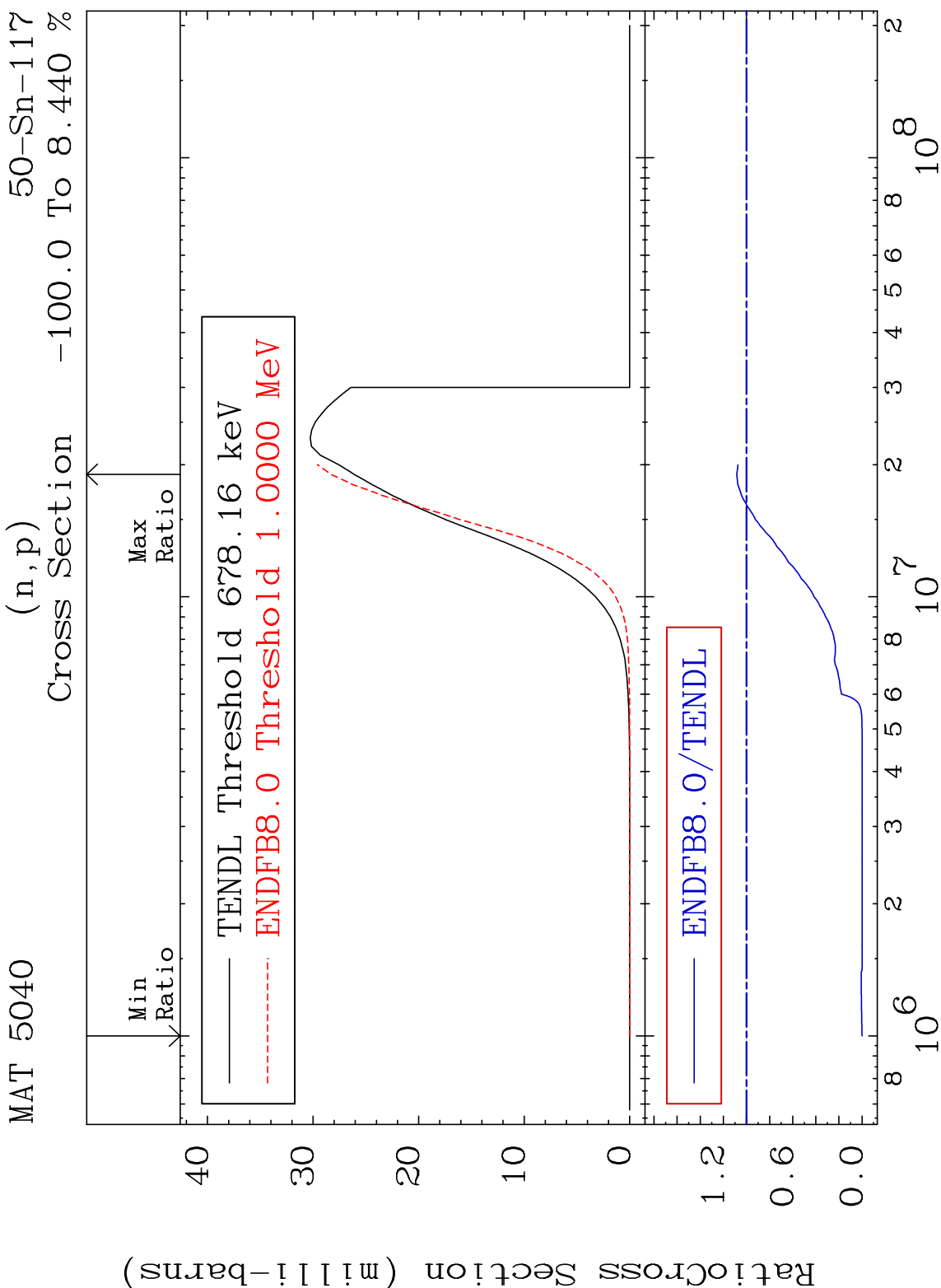


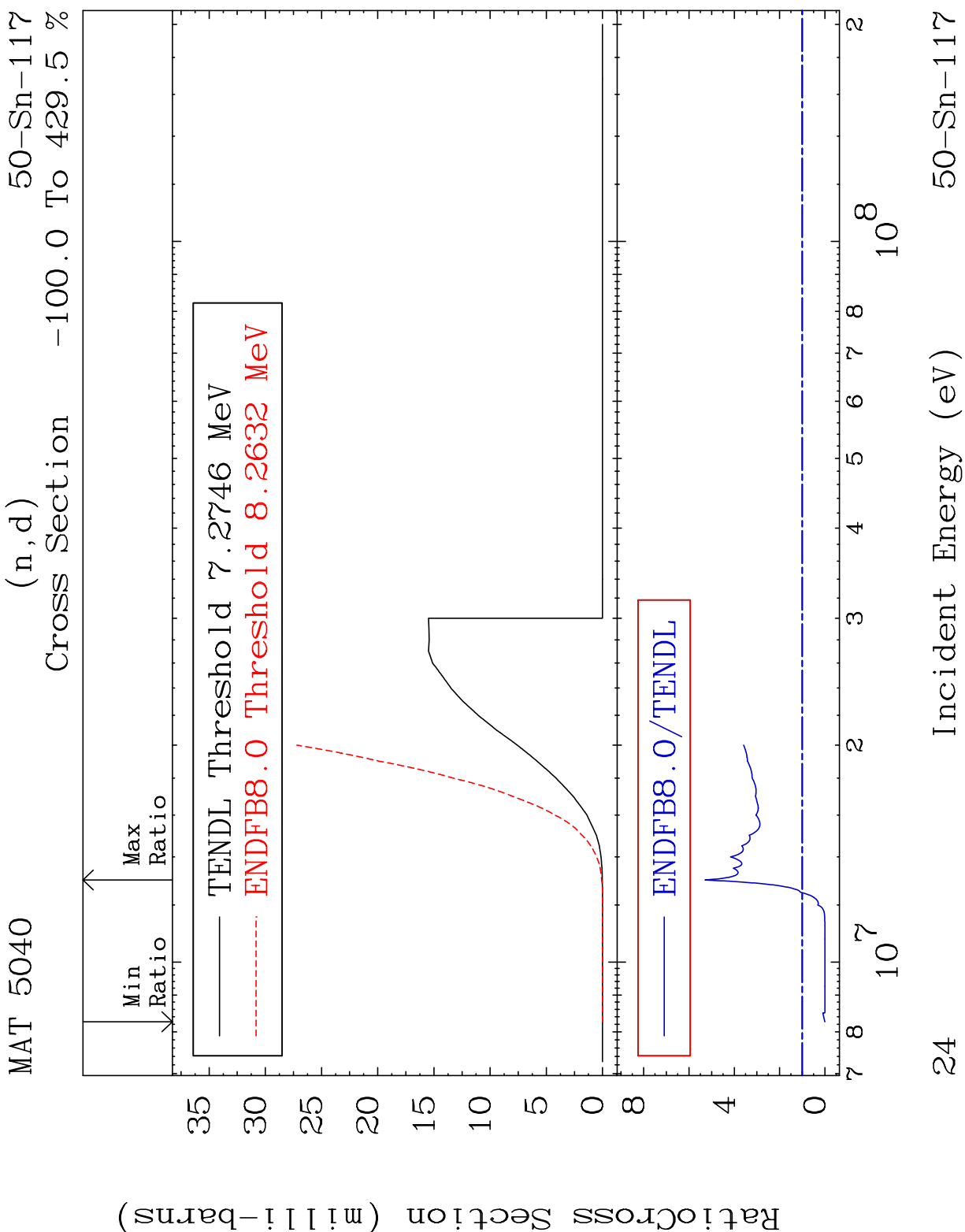
20 Incident Energy (eV) 50-Sn-117

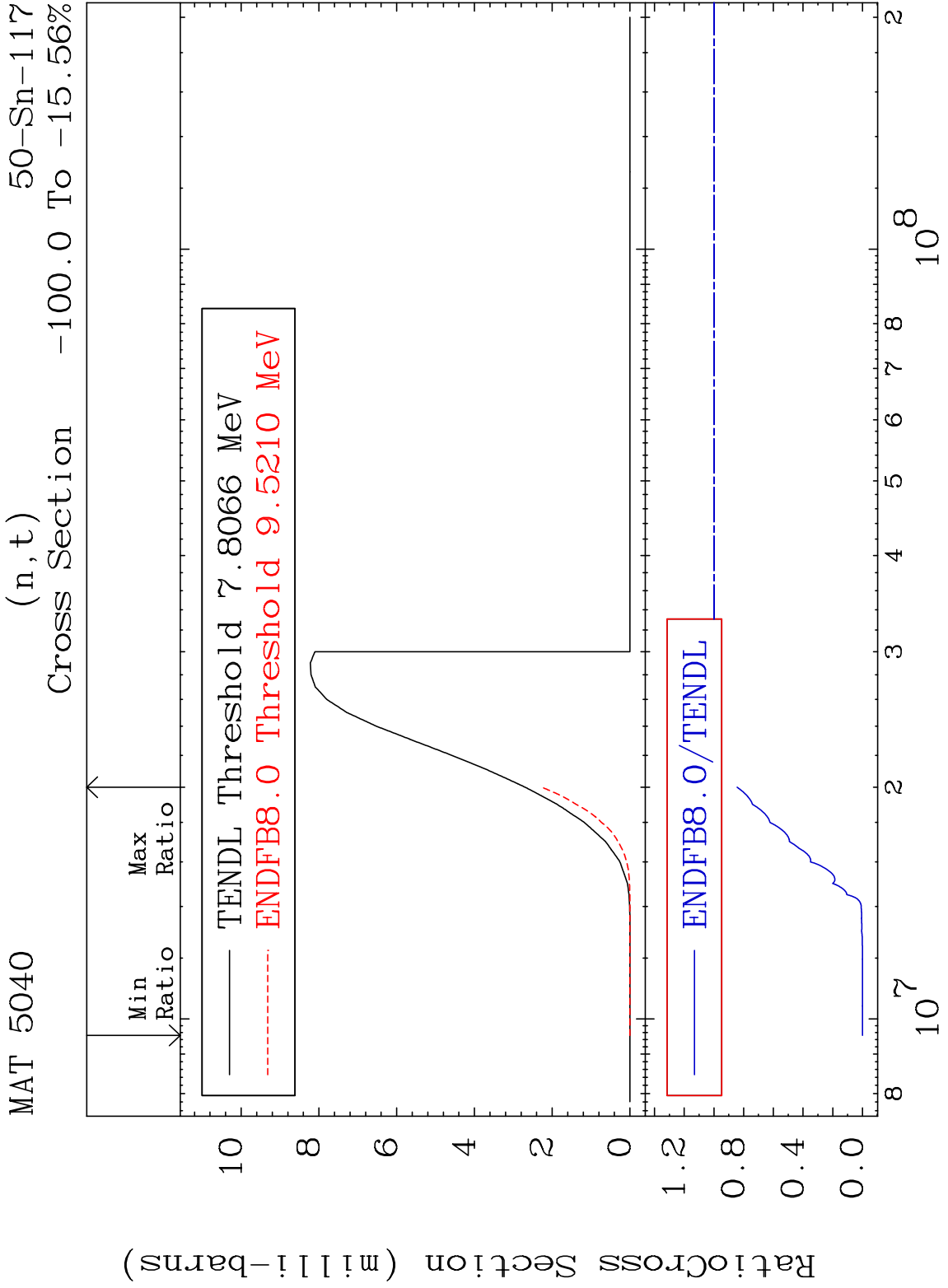
MAT 5040 (n,n') Continuum 50-Sn-117
 Cross Section -100.0 To 56.17 %

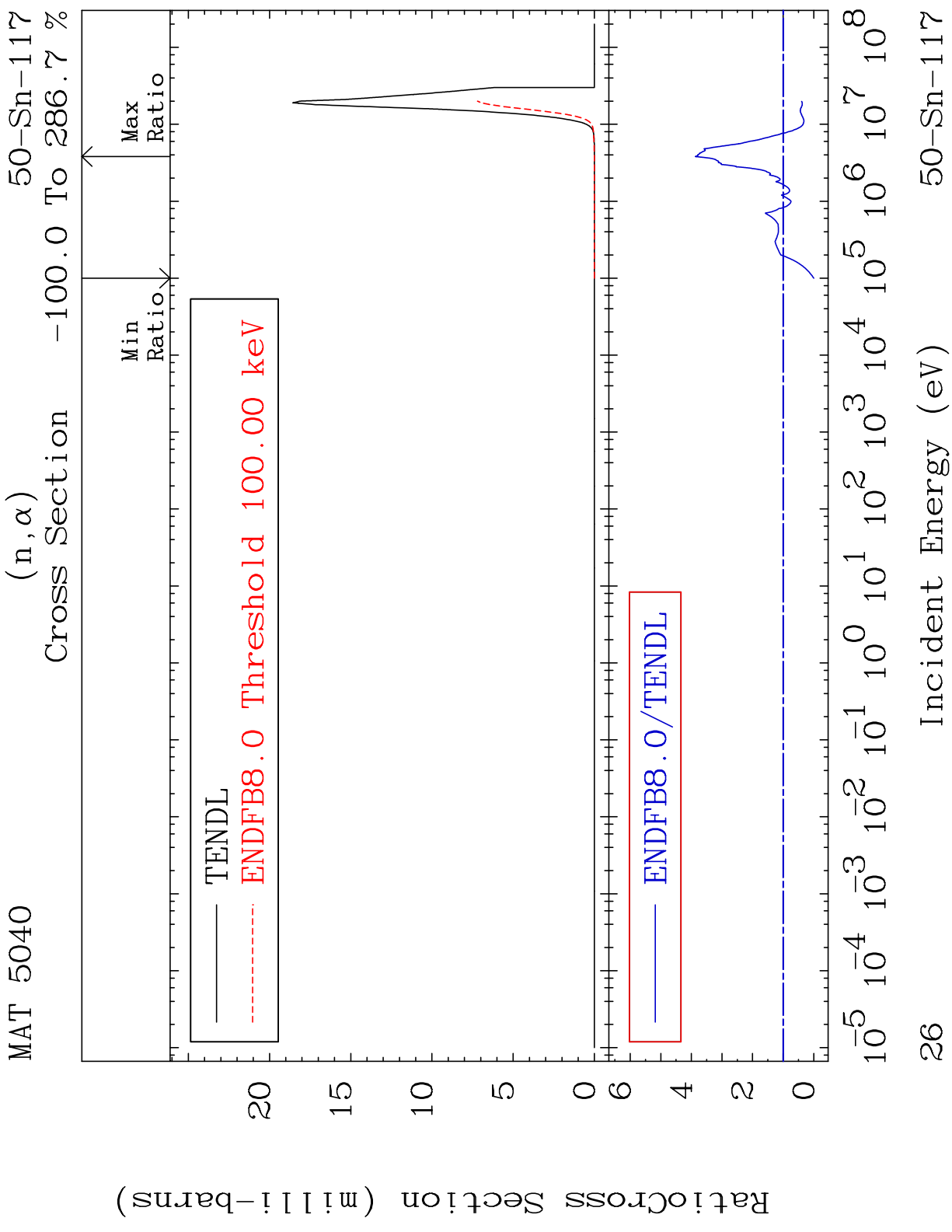




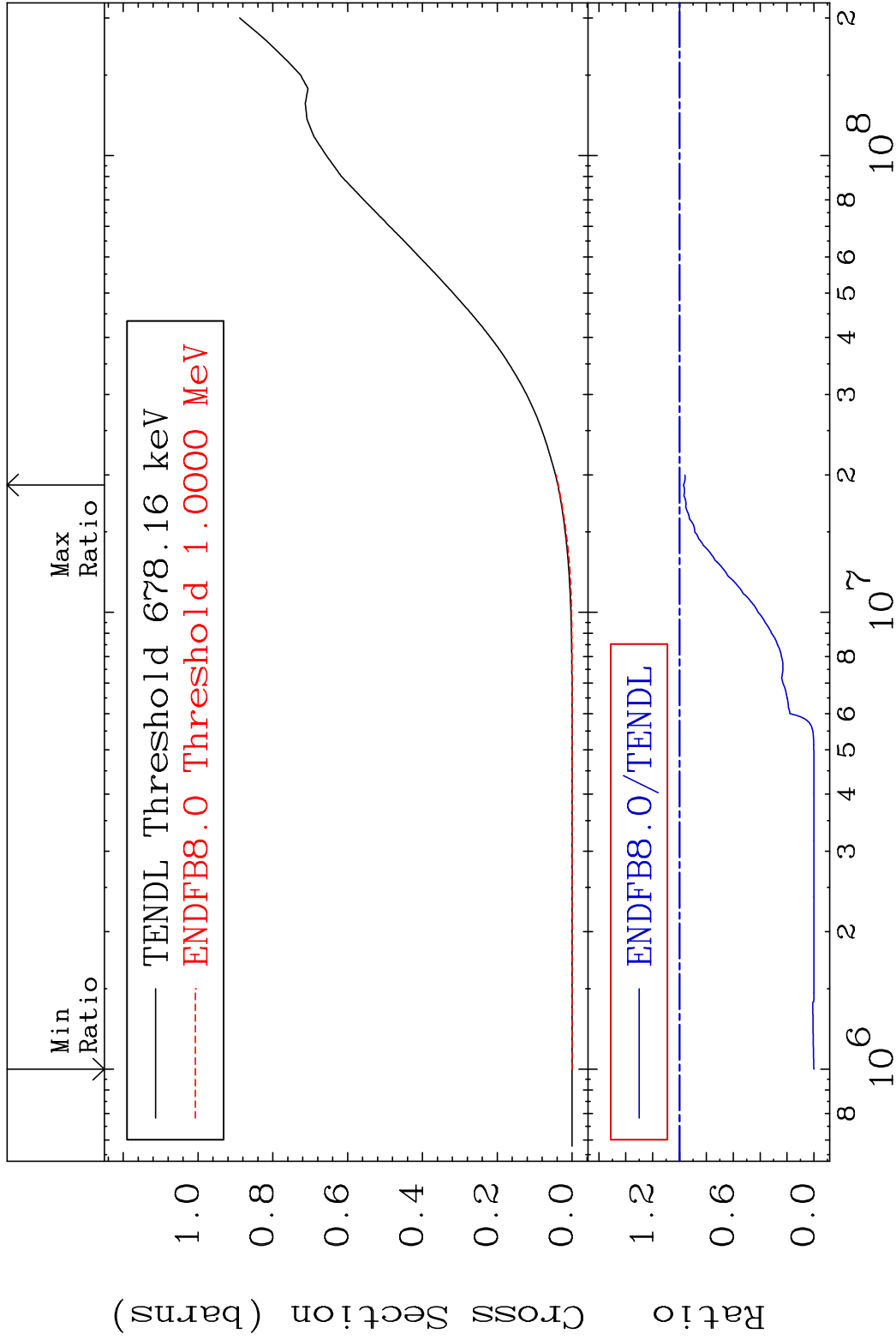






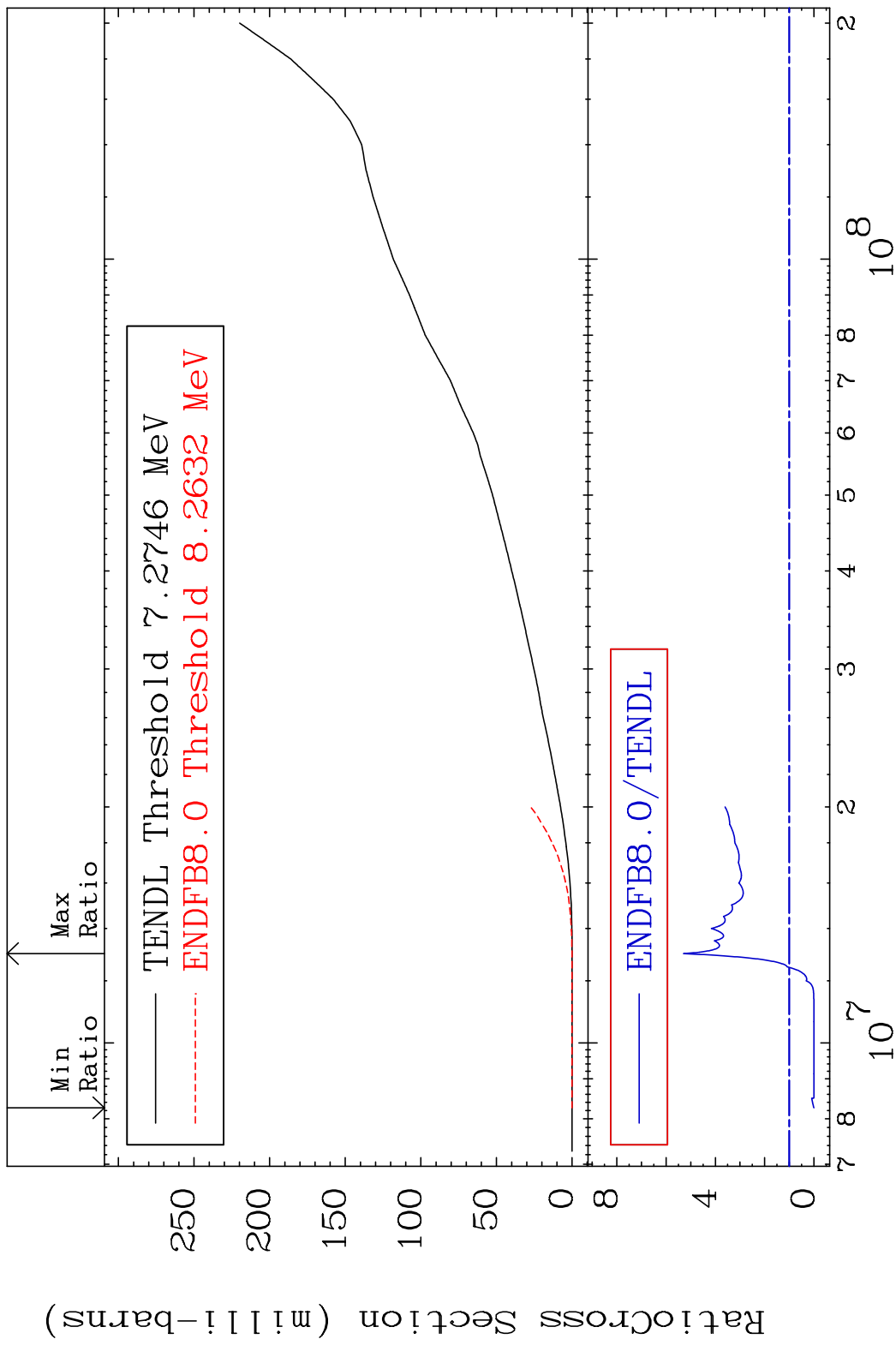


MAT 5040 Hydrogen Production 50-Sn-117
 Cross Section -100.0 To -2.913%



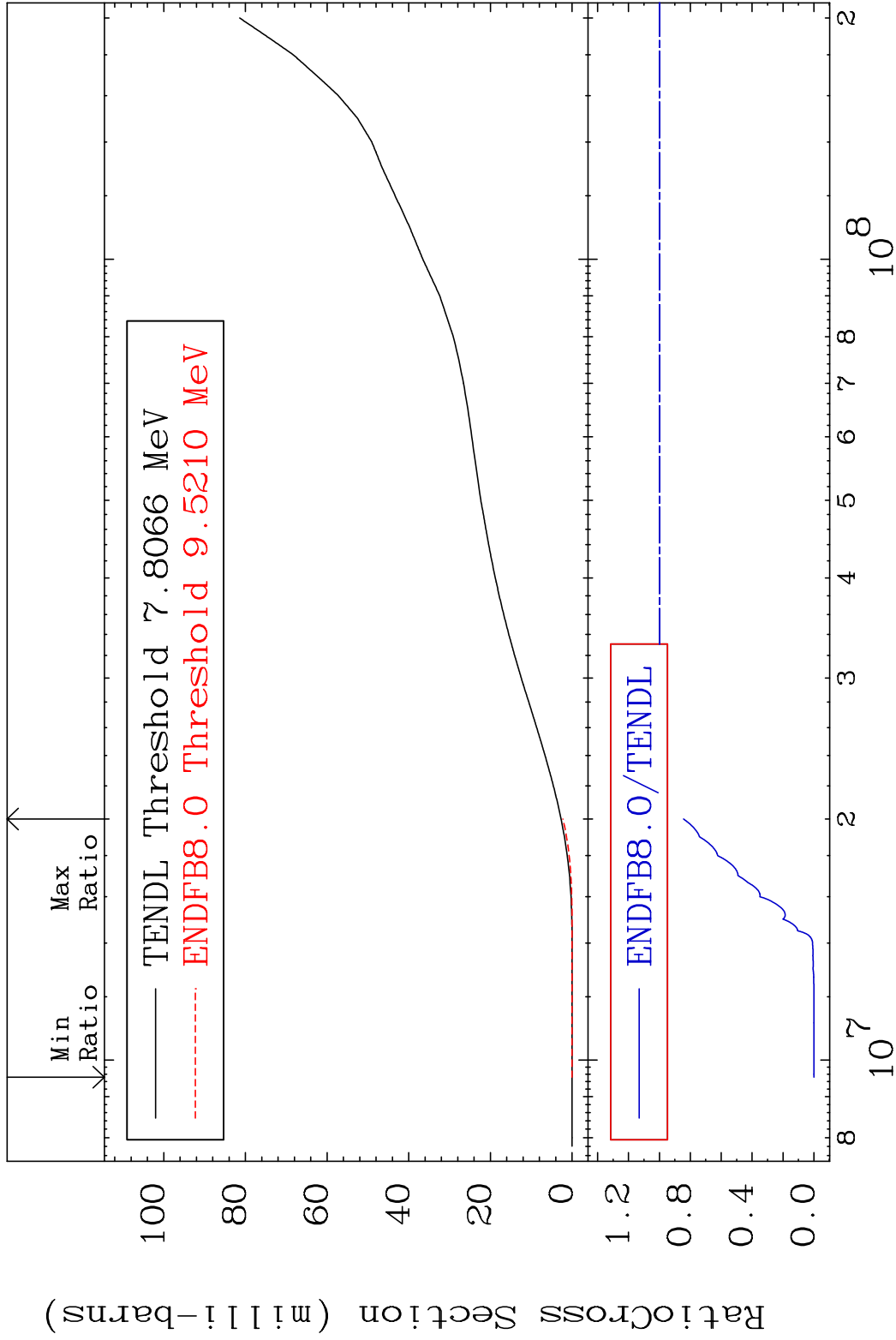
27 Incident Energy (eV) 50-Sn-117

MAT 5040 Deuterium Production 50-Sn-117
 Cross Section -100.0 To 429.5 %



28 Incident Energy (eV) 50-Sn-117

MAT 5040 Tritium Production 50-Sn-117
 Cross Section -100.0 To -15.56%

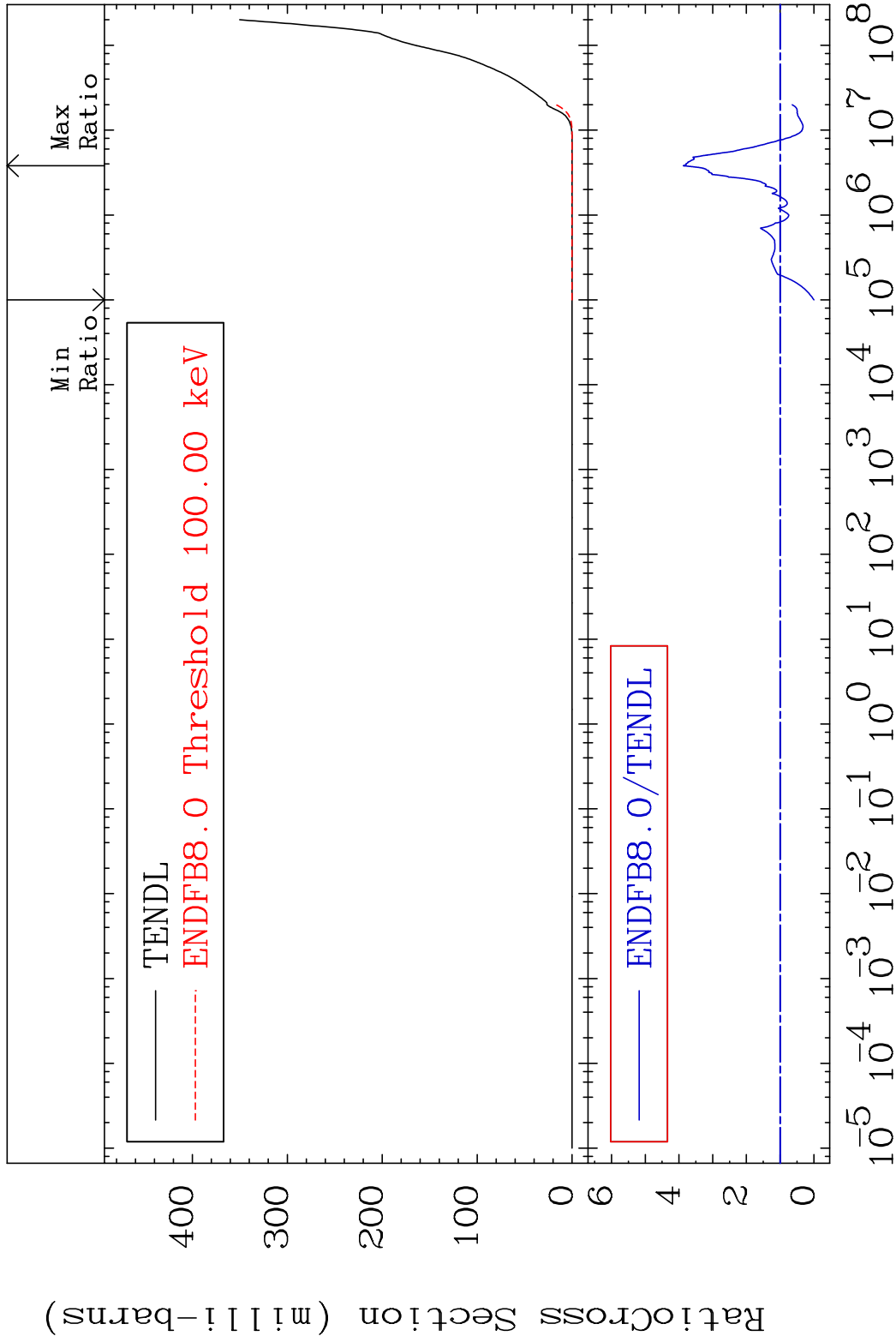


MAT 5040

He-4 Production

50-Sn-117

Cross Section -100.0 To 286.7 %

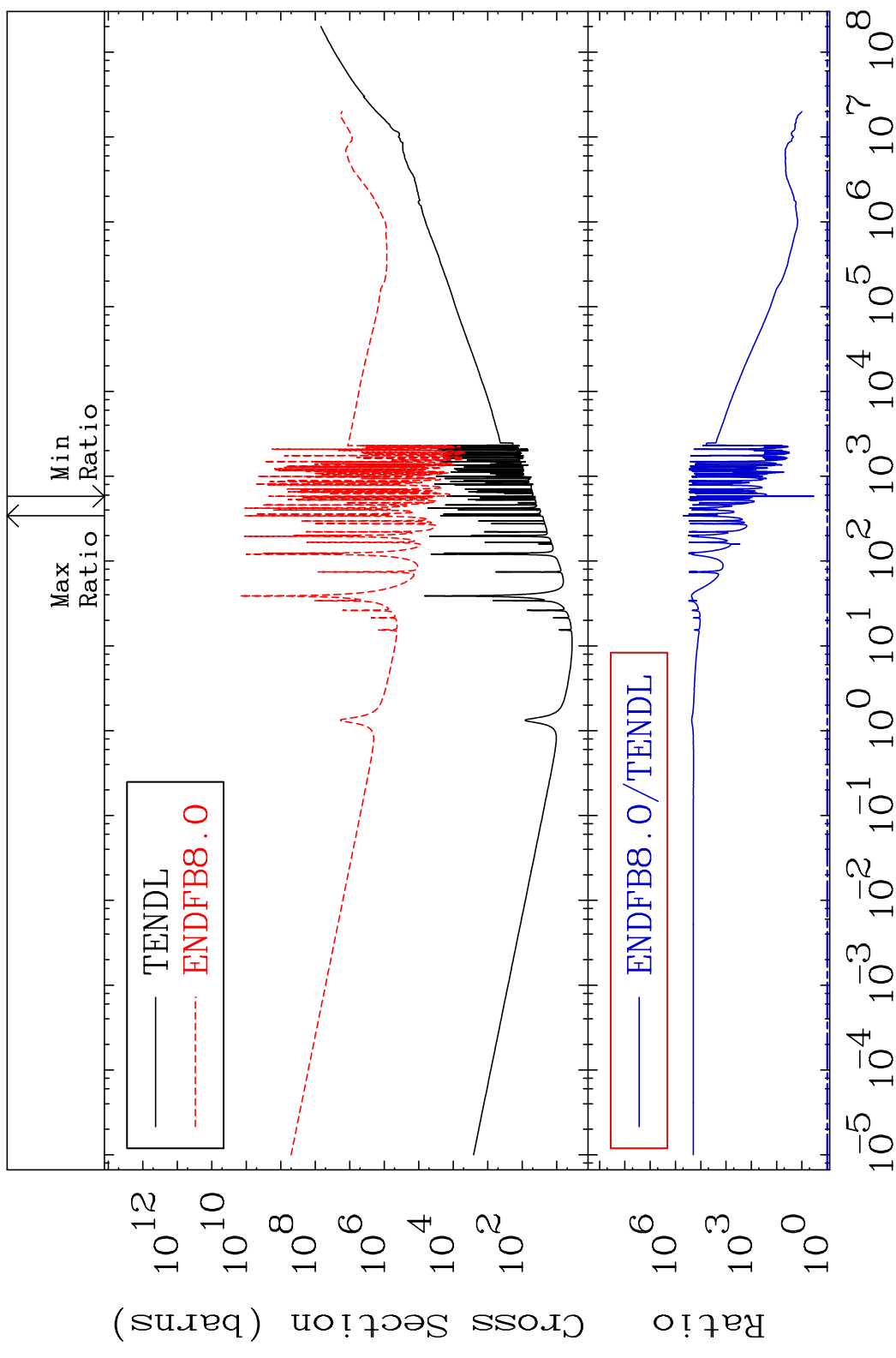


30

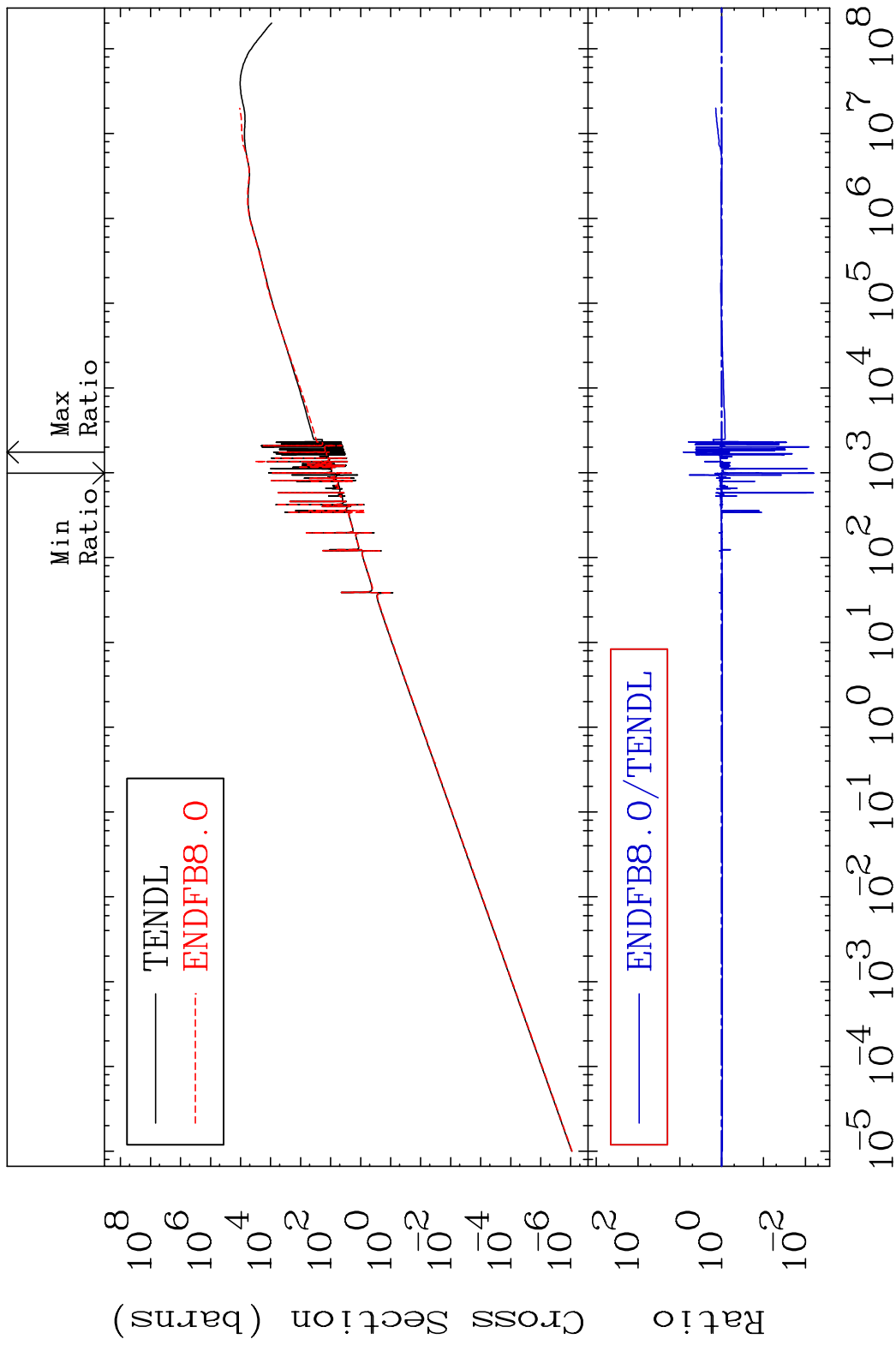
Incident Energy (eV)

50-Sn-117

MAT 5040 Kerma total (eV-barns) 50-Sn-117
 Cross Section 236.7 To 9999. %

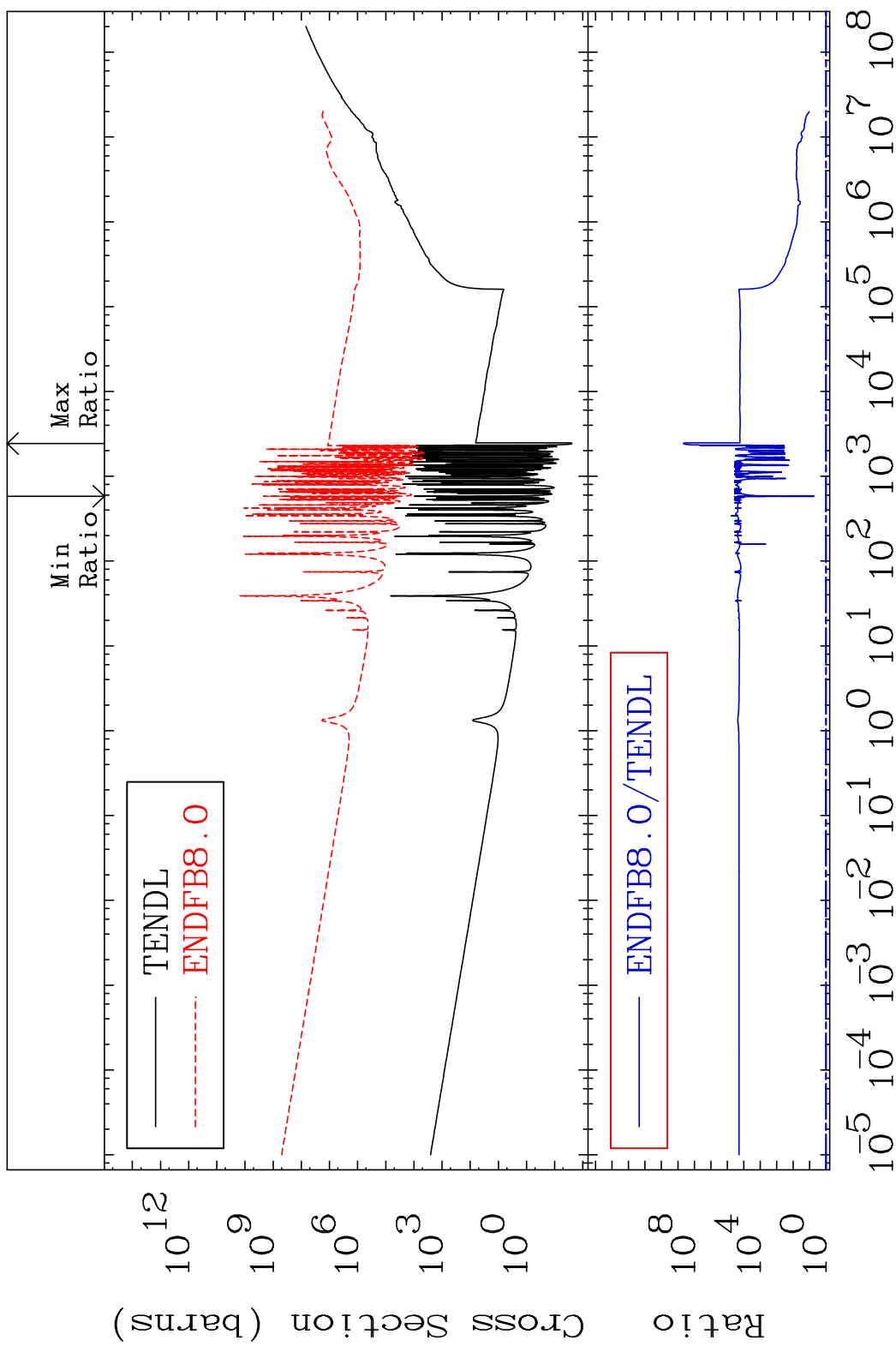


MAT 5040 Kerma elastic Cross Section 50-Sn-117 -99.37 To 720.1 %

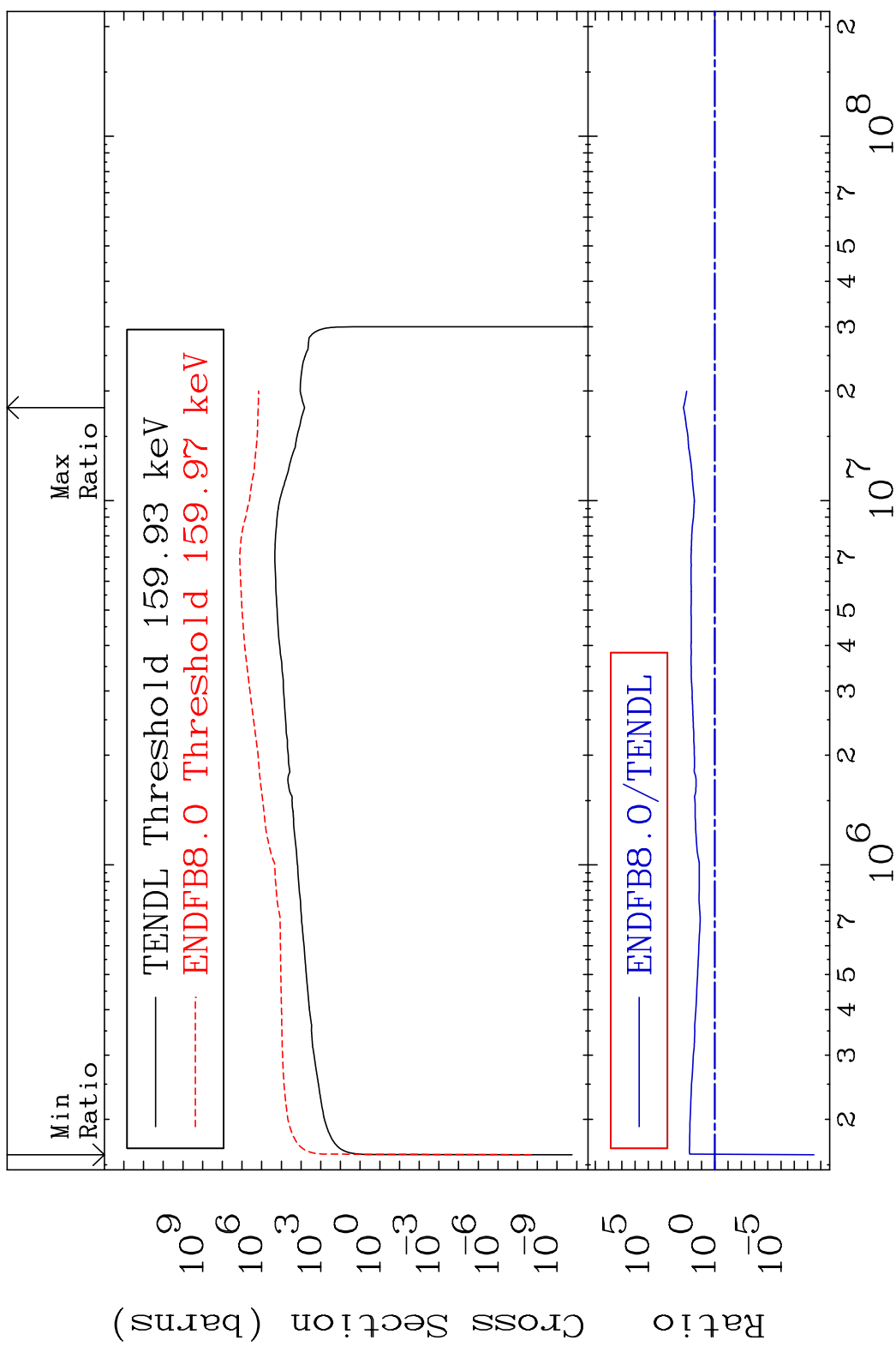


32 Incident Energy (eV) 50-Sn-117

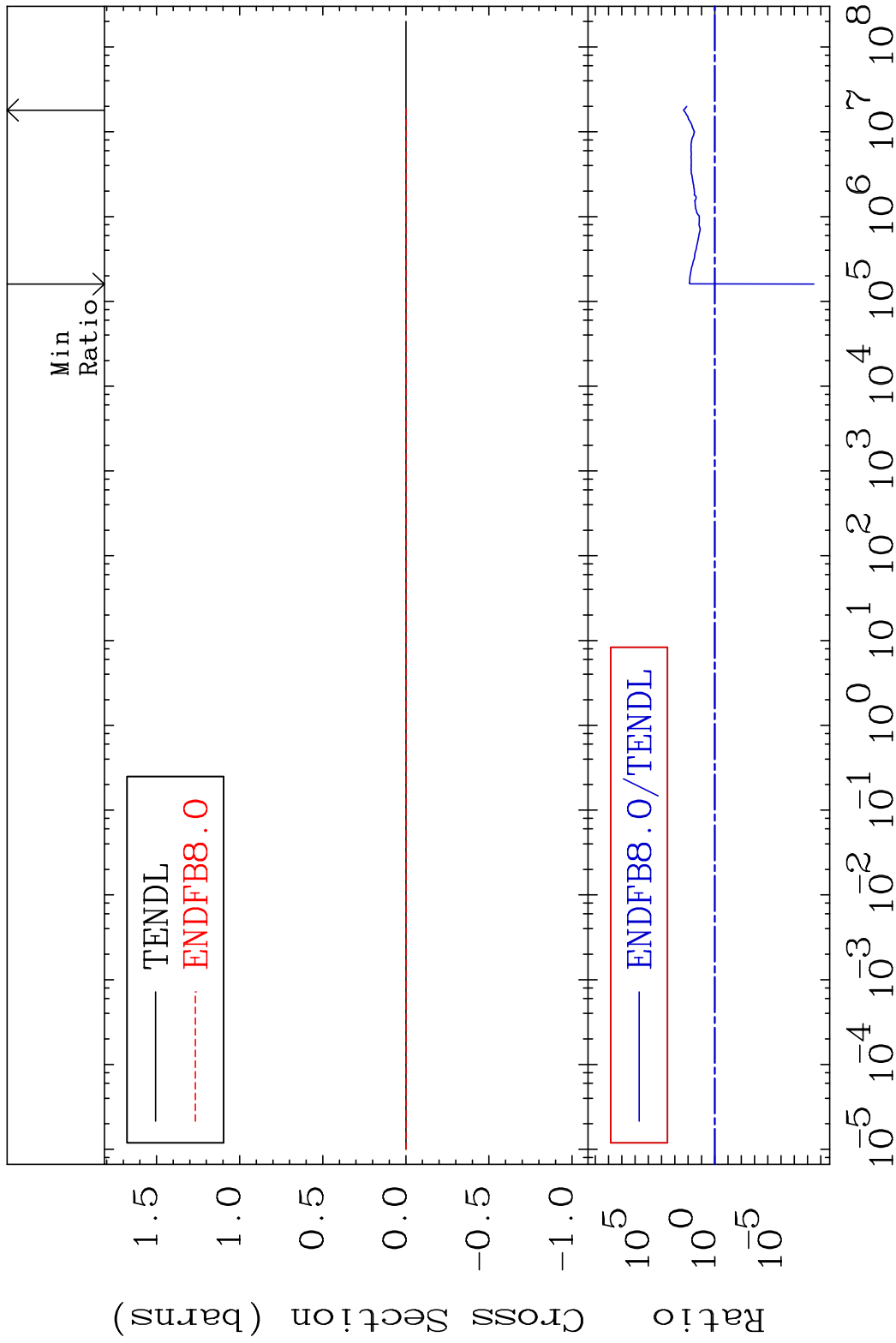
MAT 5040 Kerma non-elastic (all but mt2) 50-Sn-117
 Cross Section 443.6 To 9999. %



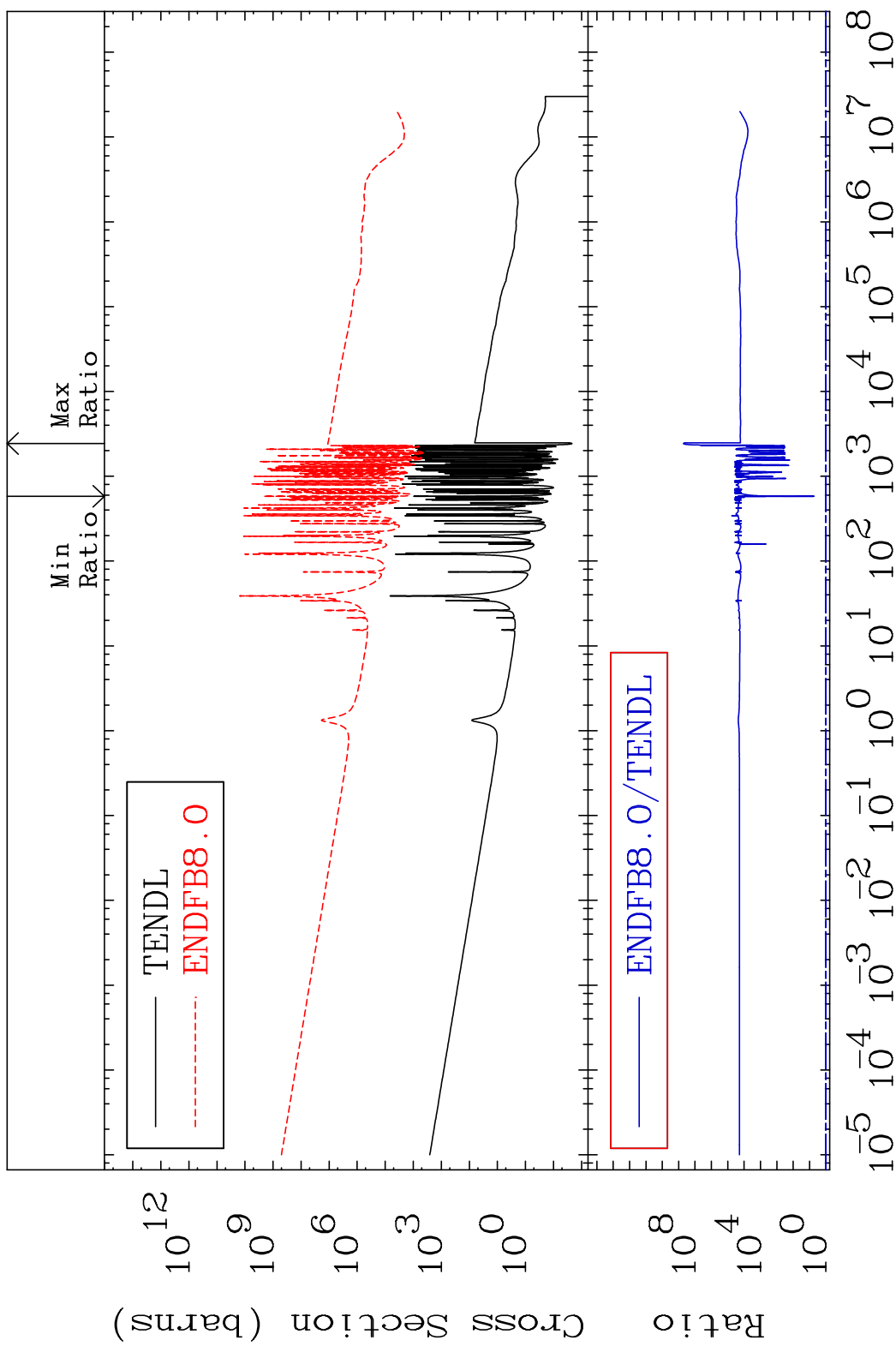
MAT 5040 Kerma inelastic (mt51-91) 50-Sn-117
 Cross Section -100.0 To 9999. %



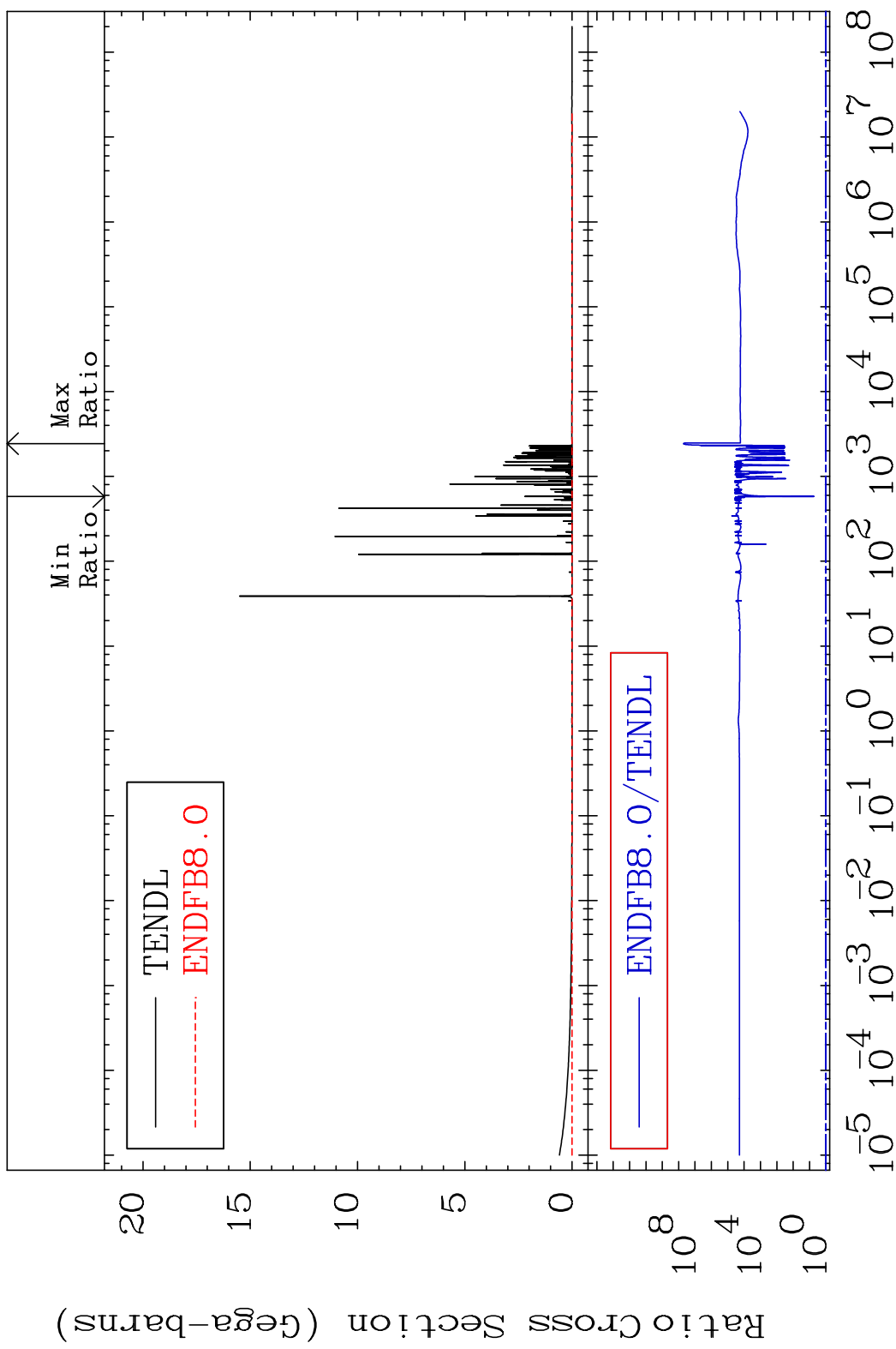
MAT 5040 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-117
 Cross Section -100.0 To 9999. %



MAT 5040 Kerma capture (mt102) 50-Sn-117
 Cross Section 443.6 To 9999. %

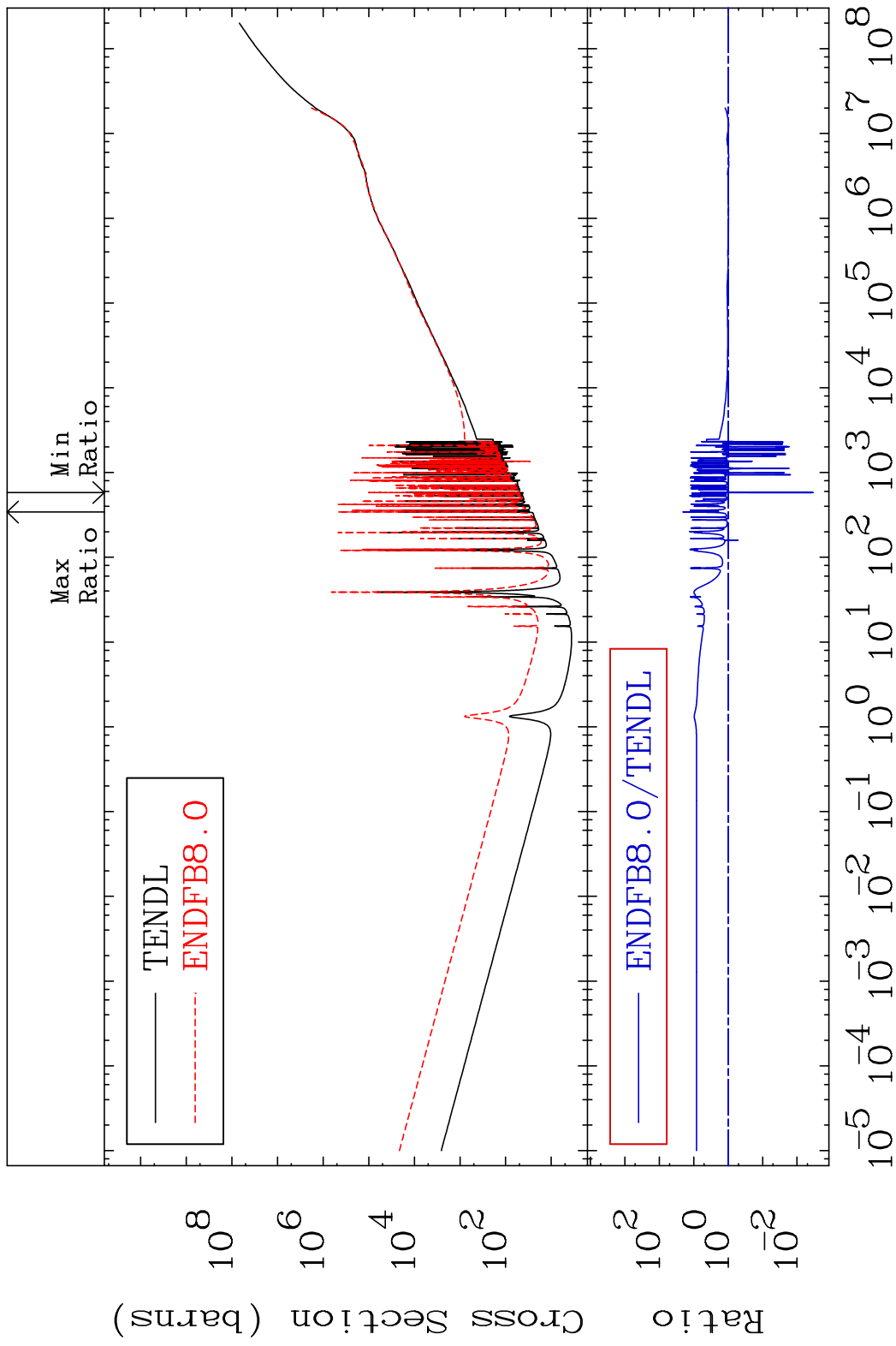


MAT 5040 Total photon (eV-barns) 50-Sn-117
 Cross Section 443.6 To 9999. %

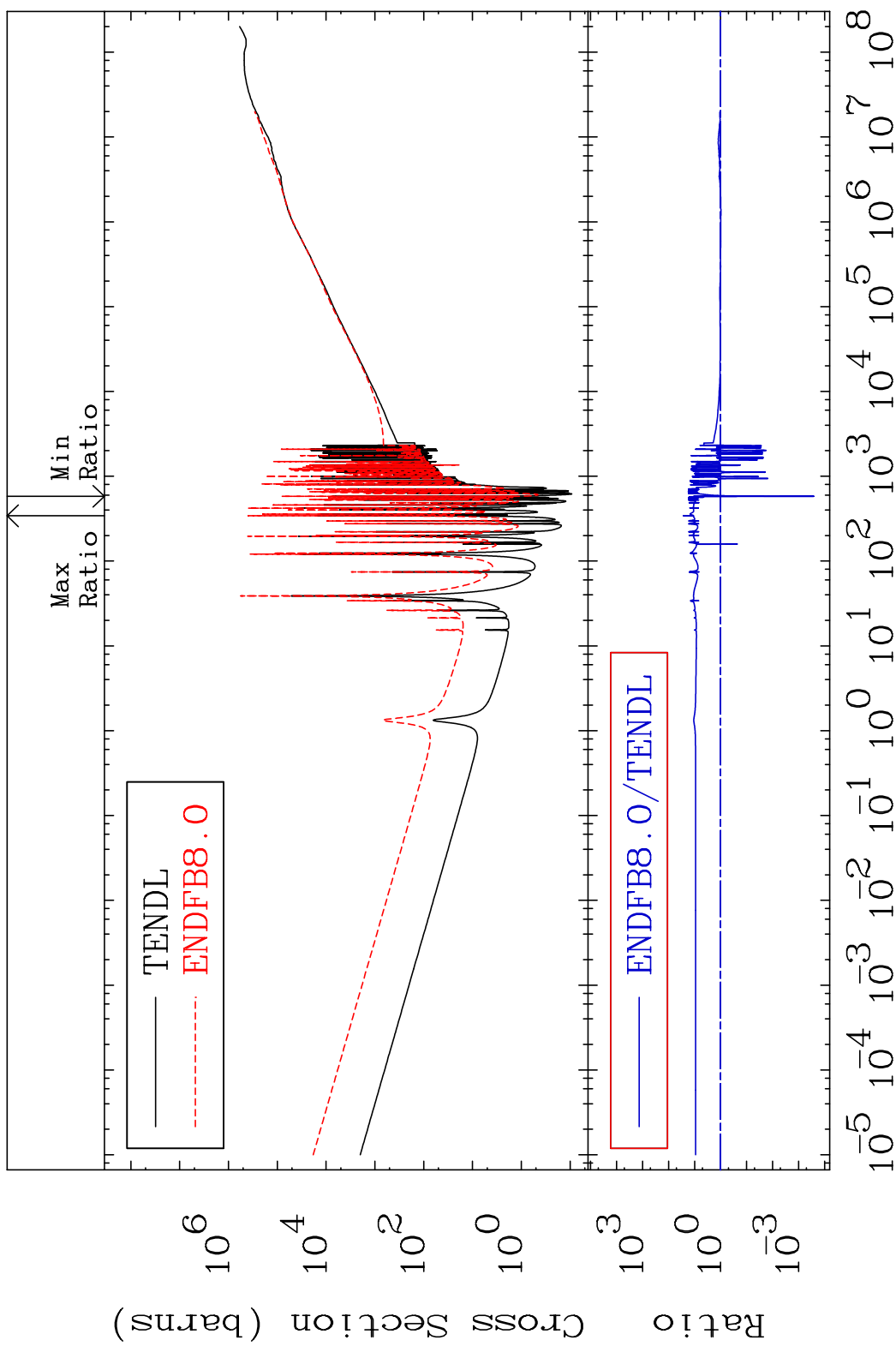


37 Incident Energy (eV) 50-Sn-117

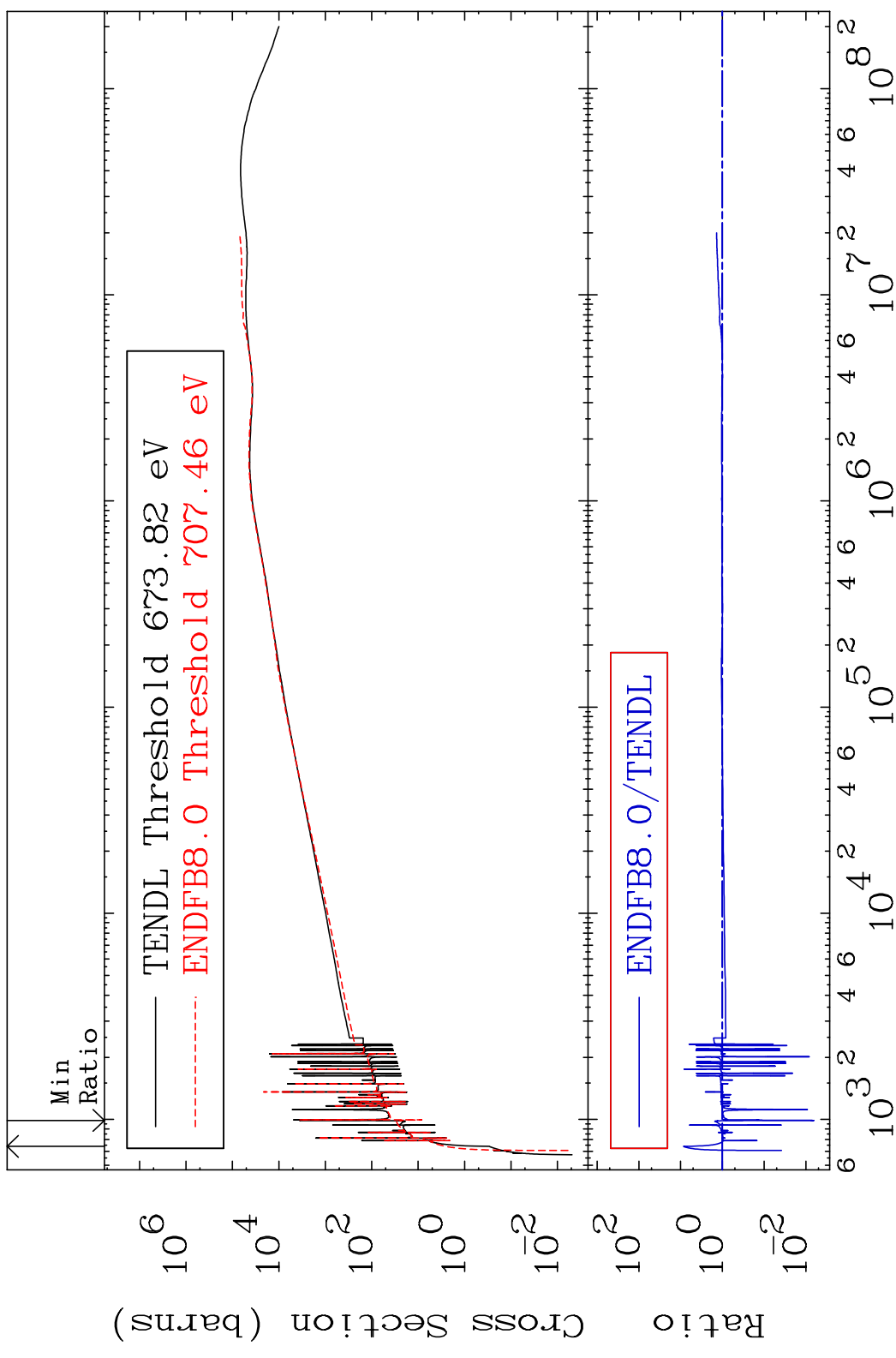
MAT 5040 Total kinematic kerma (high limit) 50-Sn-117
 Cross Section -99.66 To 1976. %



MAT 5040 Dpa total (eV-barns) 50-Sn-117
 Cross Section -99.97 To 2579. %

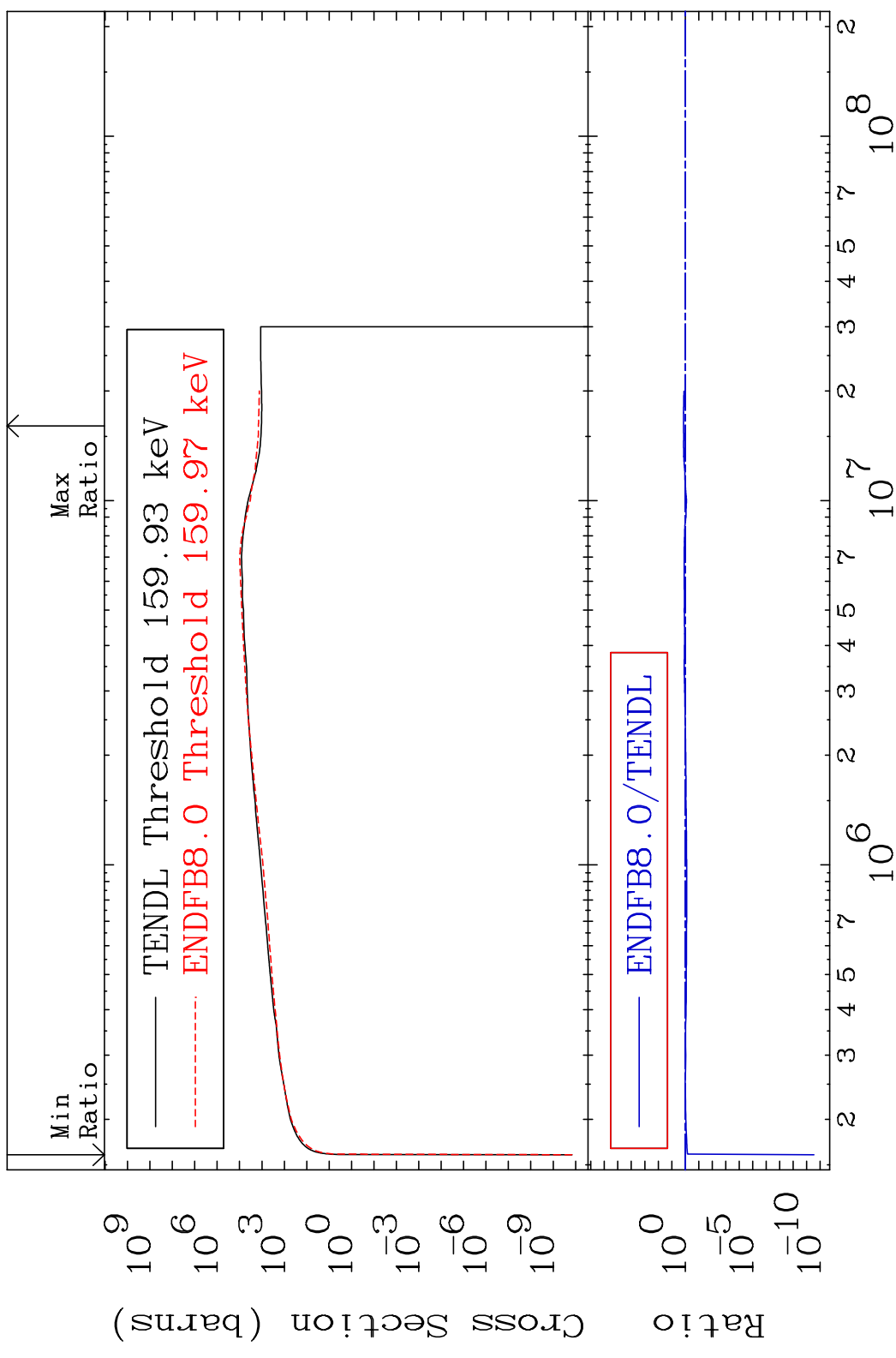


MAT 5040 Dpa elastic (mt2) 50-Sn-117
 Cross Section -99.36 To 754.2 %



40 Incident Energy (eV) 50-Sn-117

MAT 5040 Dpa inelastic (mt51-91) 50-Sn-117
 Cross Section -100.0 To 35.56 %



MAT 5040 Dpa disappearance (mt102 -120) 50-Sn-117
 Cross Section -99.97 To 9999. %

