

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

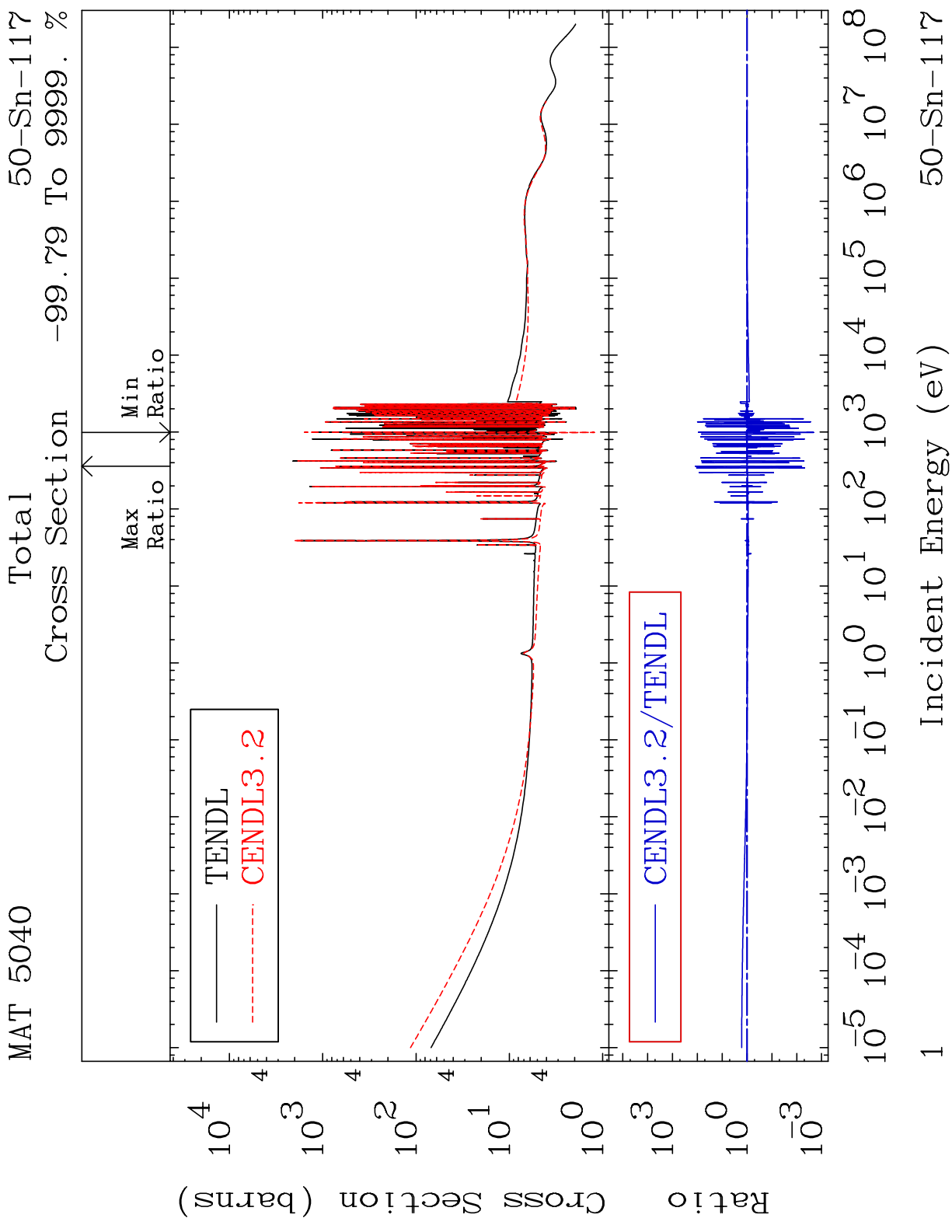
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Livermore, CA 94550

U.S.A.

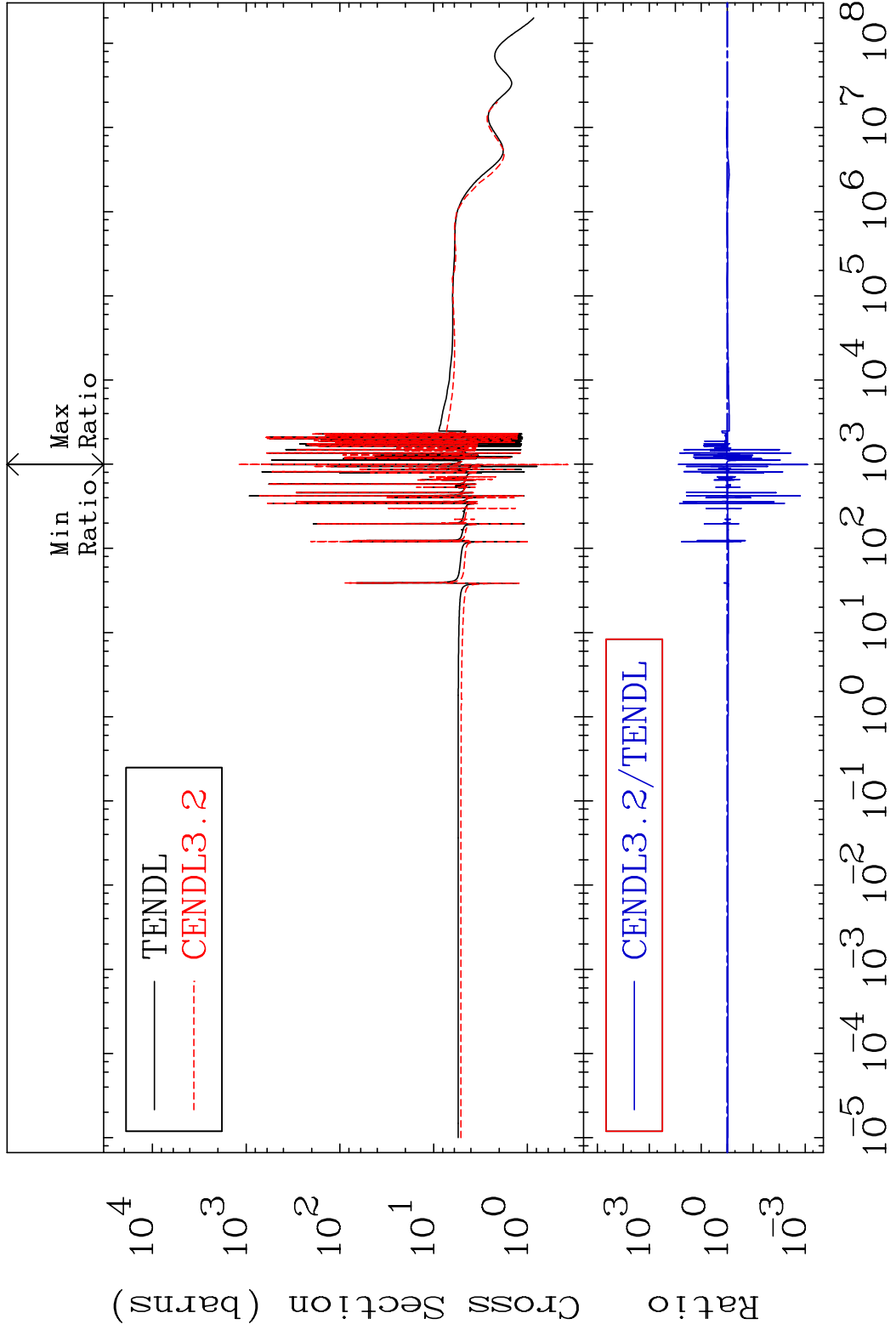
Tele: 925-443-1911

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

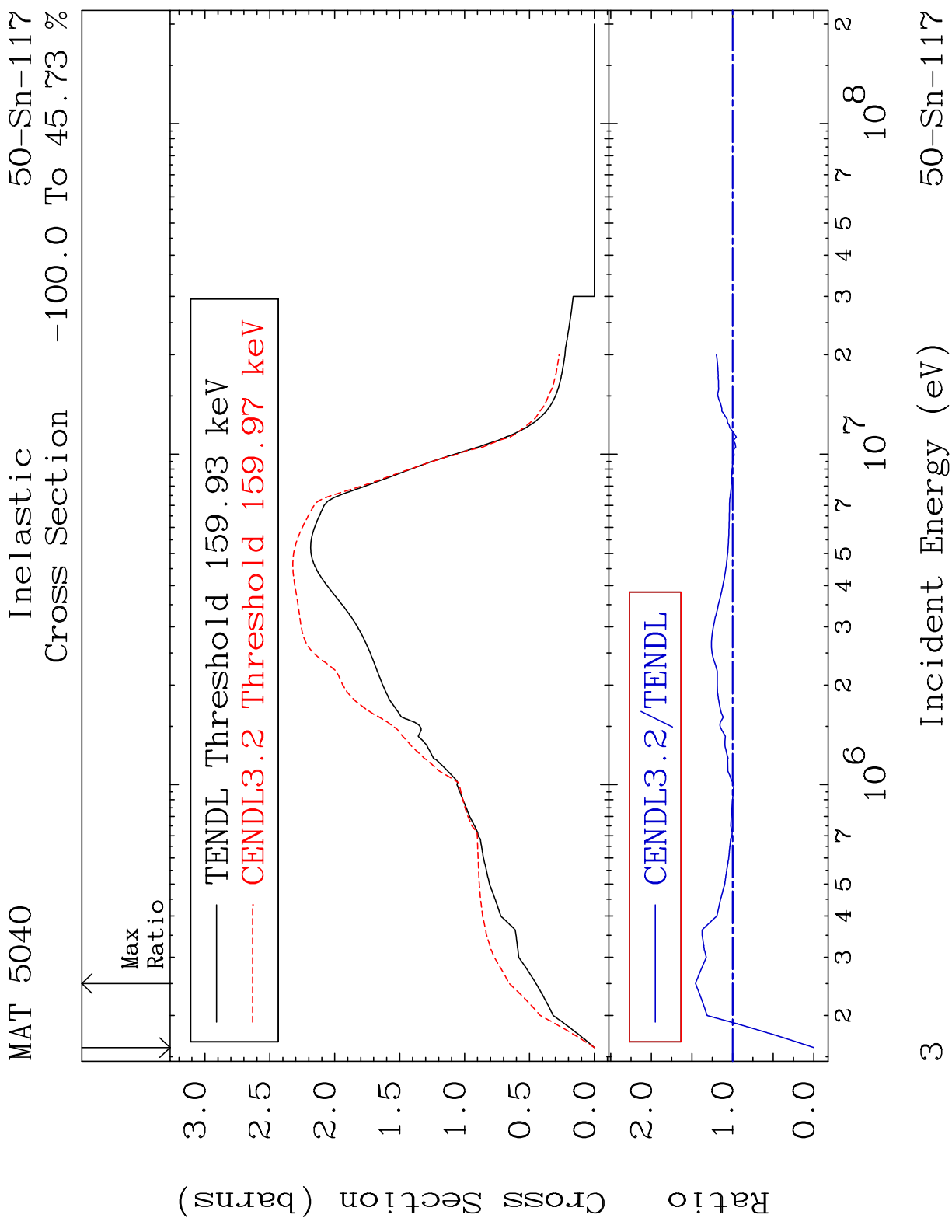
Press Mouse Button to Start

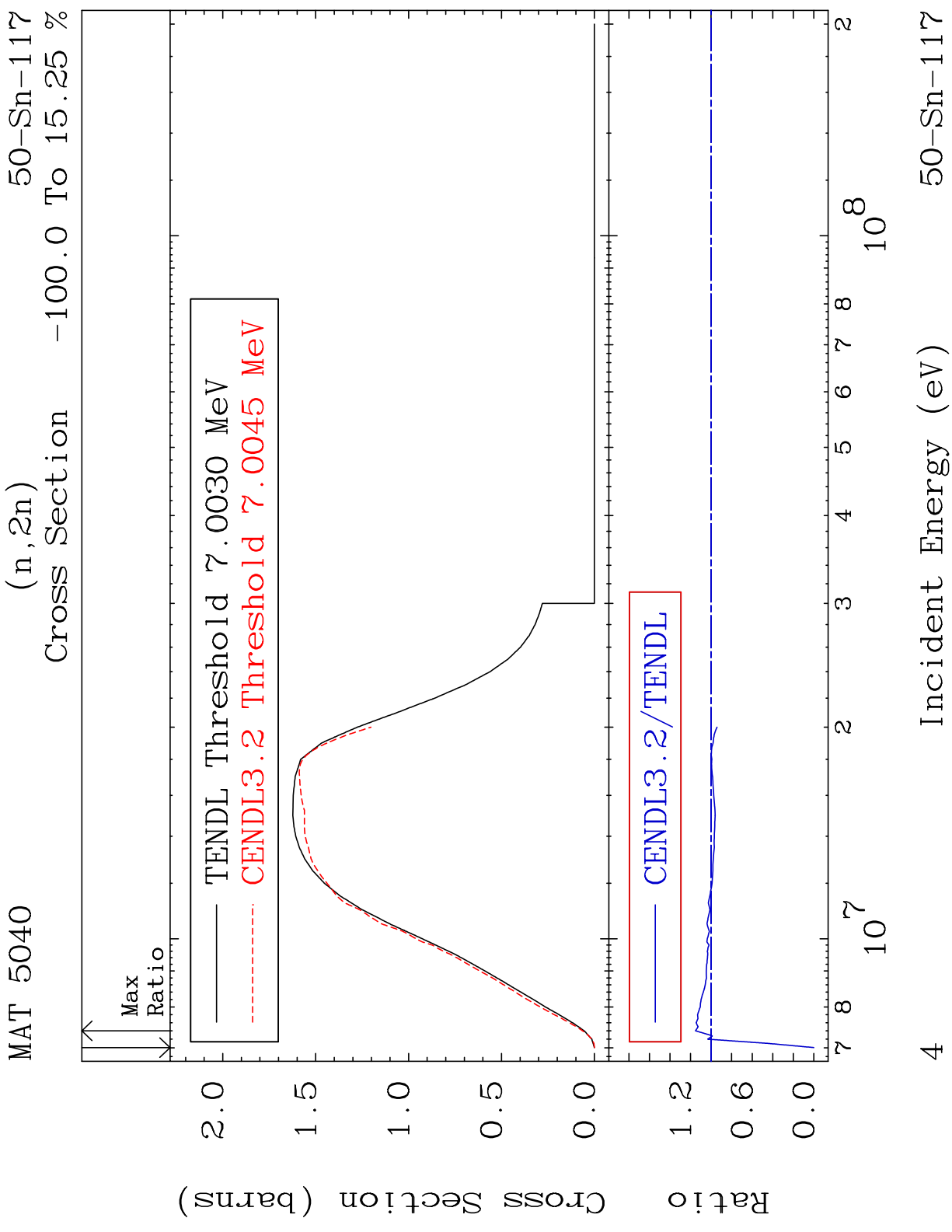


MAT 5040 Elastic Cross Section -99.92 To 7576. % 50-Sn-117

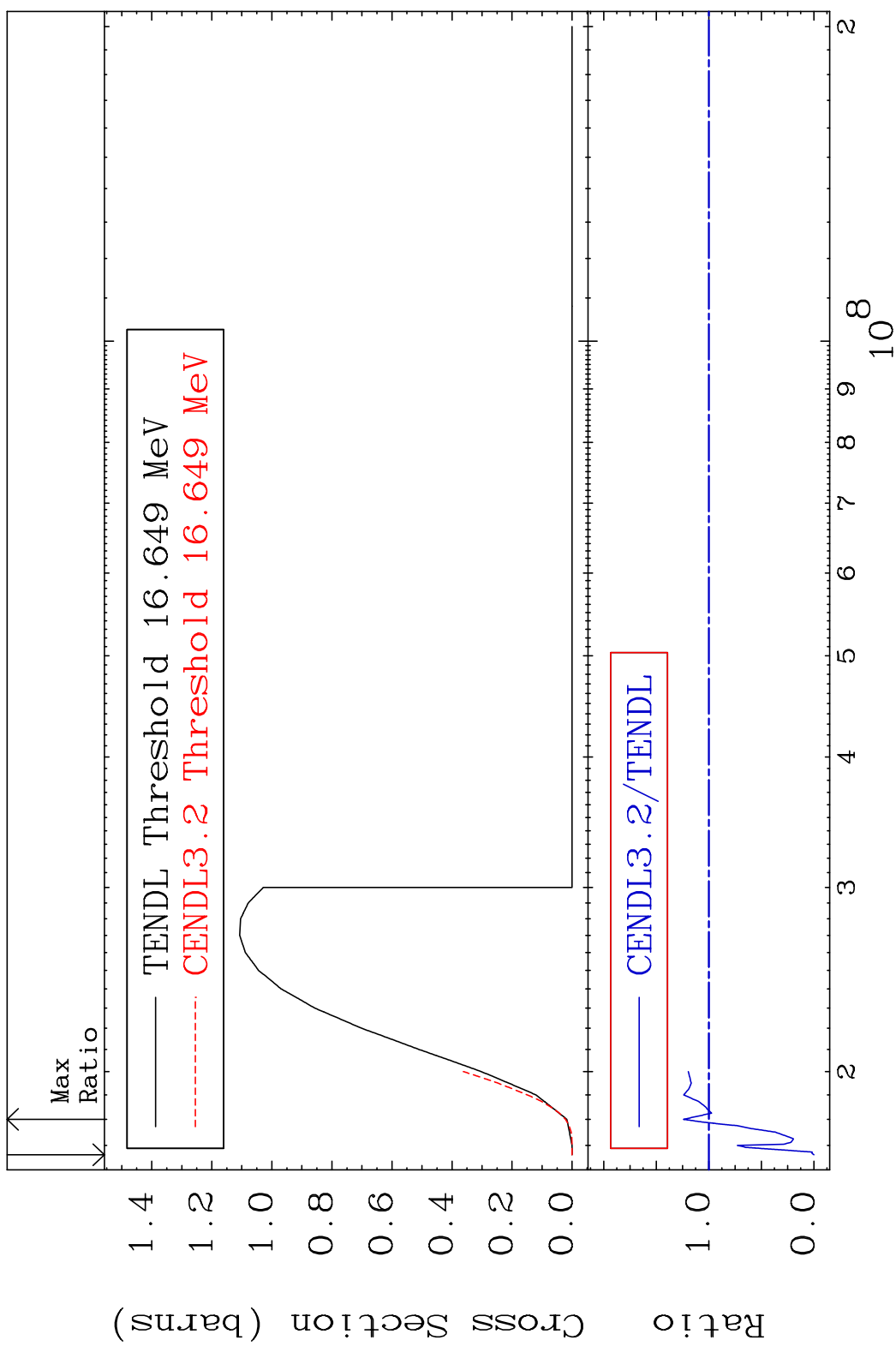


2 Incident Energy (eV) 50-Sn-117

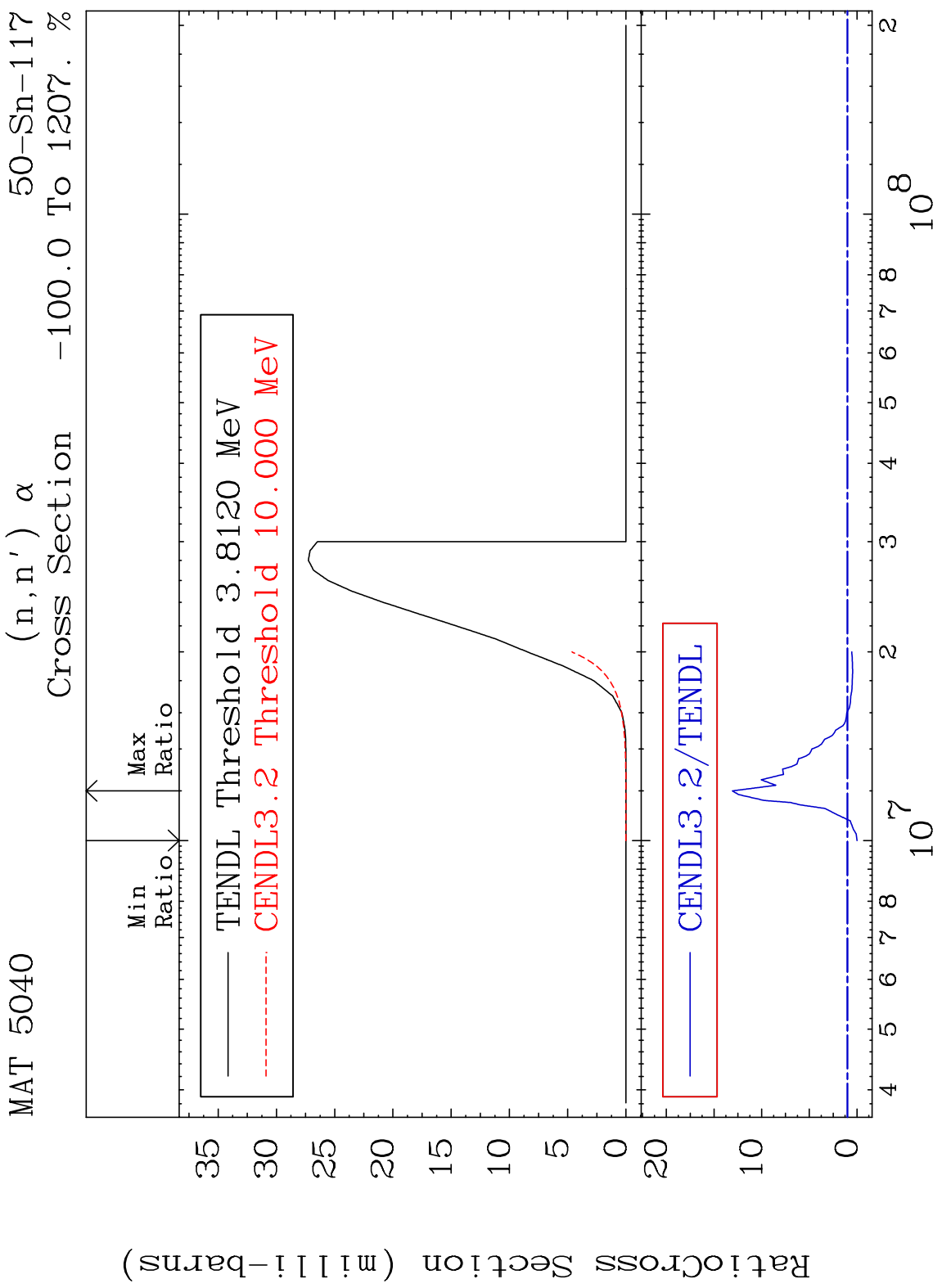




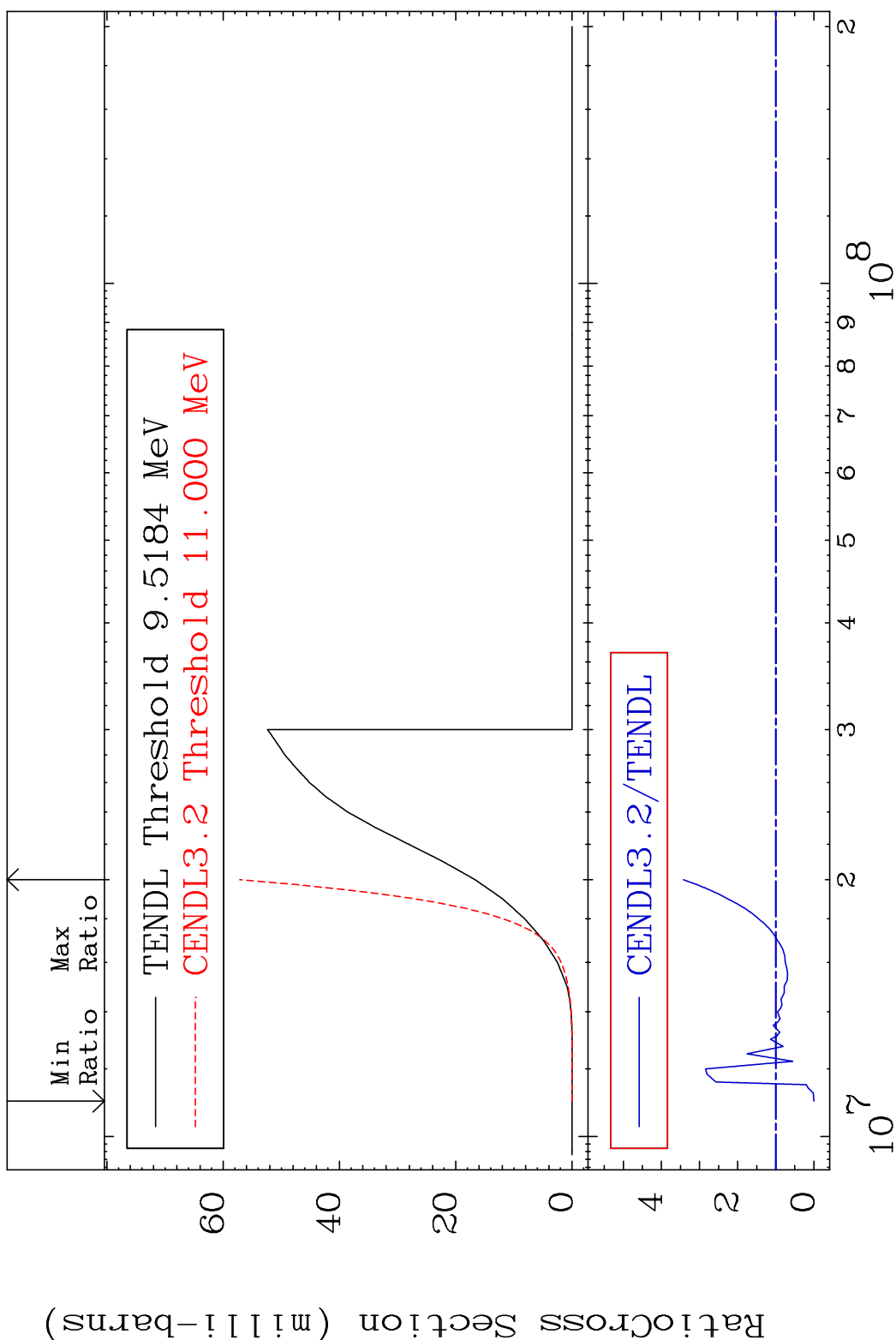
MAT 5040 (n,3n) 50-Sn-117
 Cross Section -100.0 To 24.08 %



5 Incident Energy (eV) 50-Sn-117

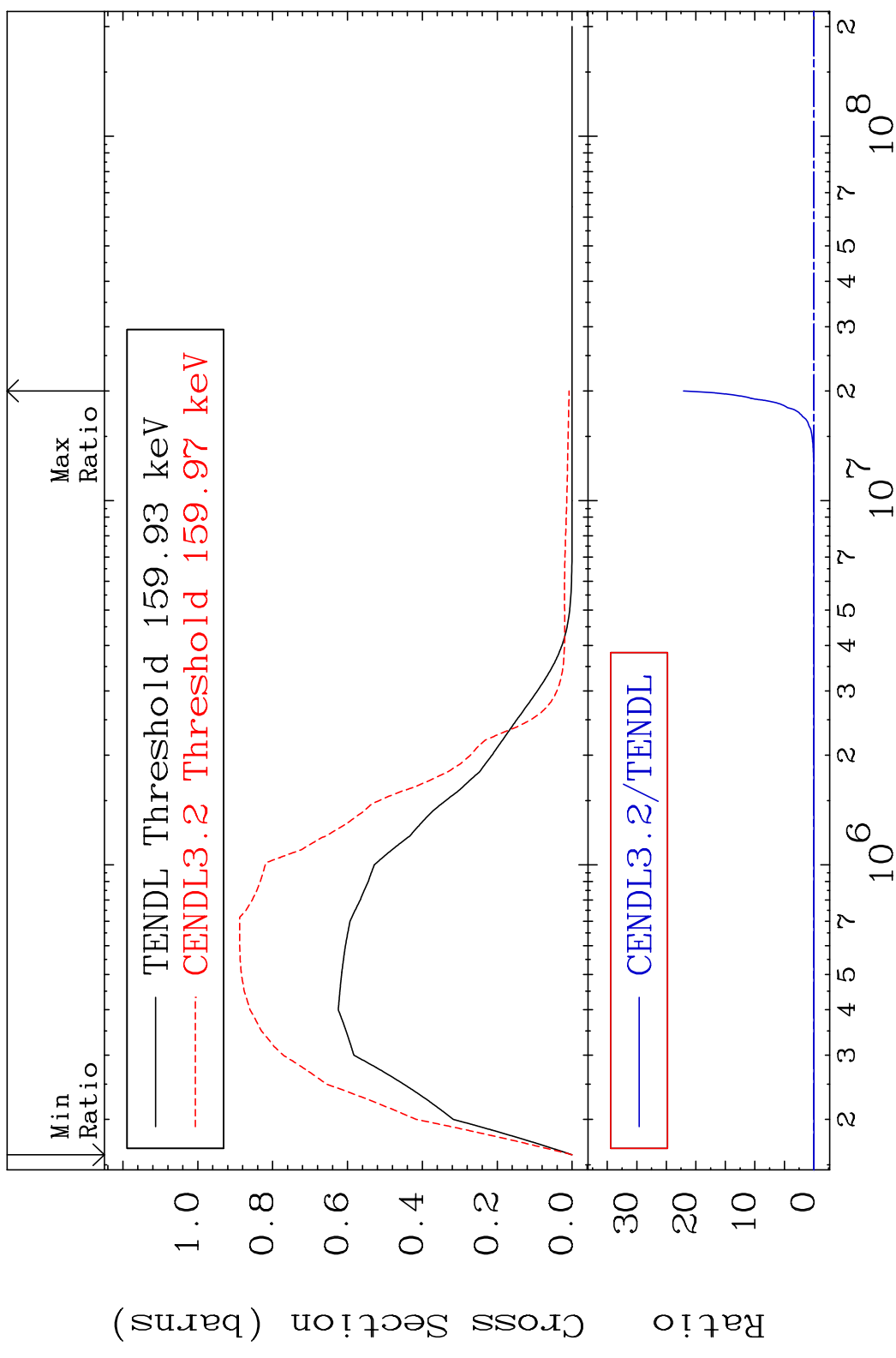


MAT 5040 (n, n') p 50-Sn-117
 Cross Section -100.0 To 242.2 %

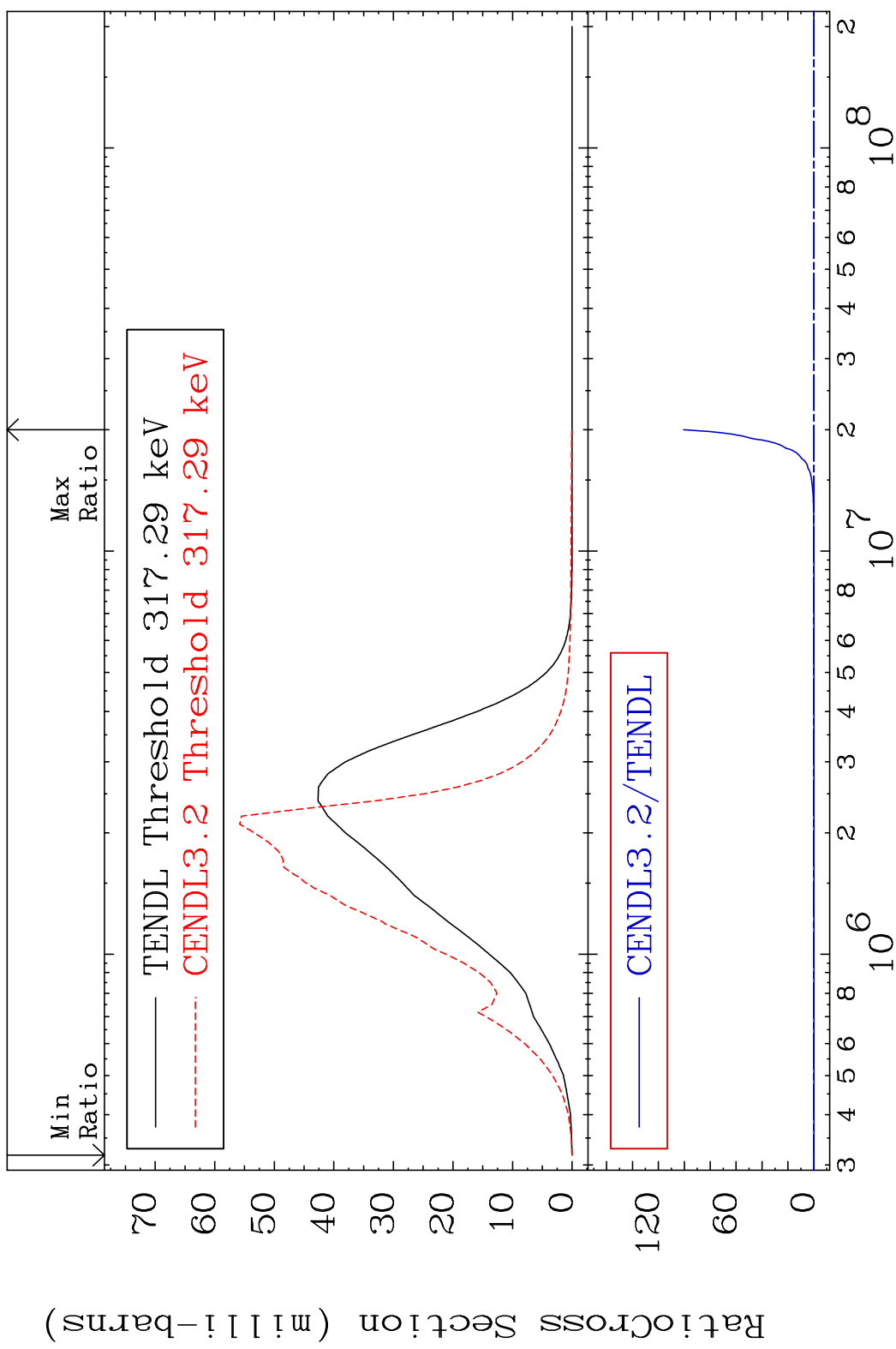


7 8 9 10⁷ 10⁸ 50-Sn-117

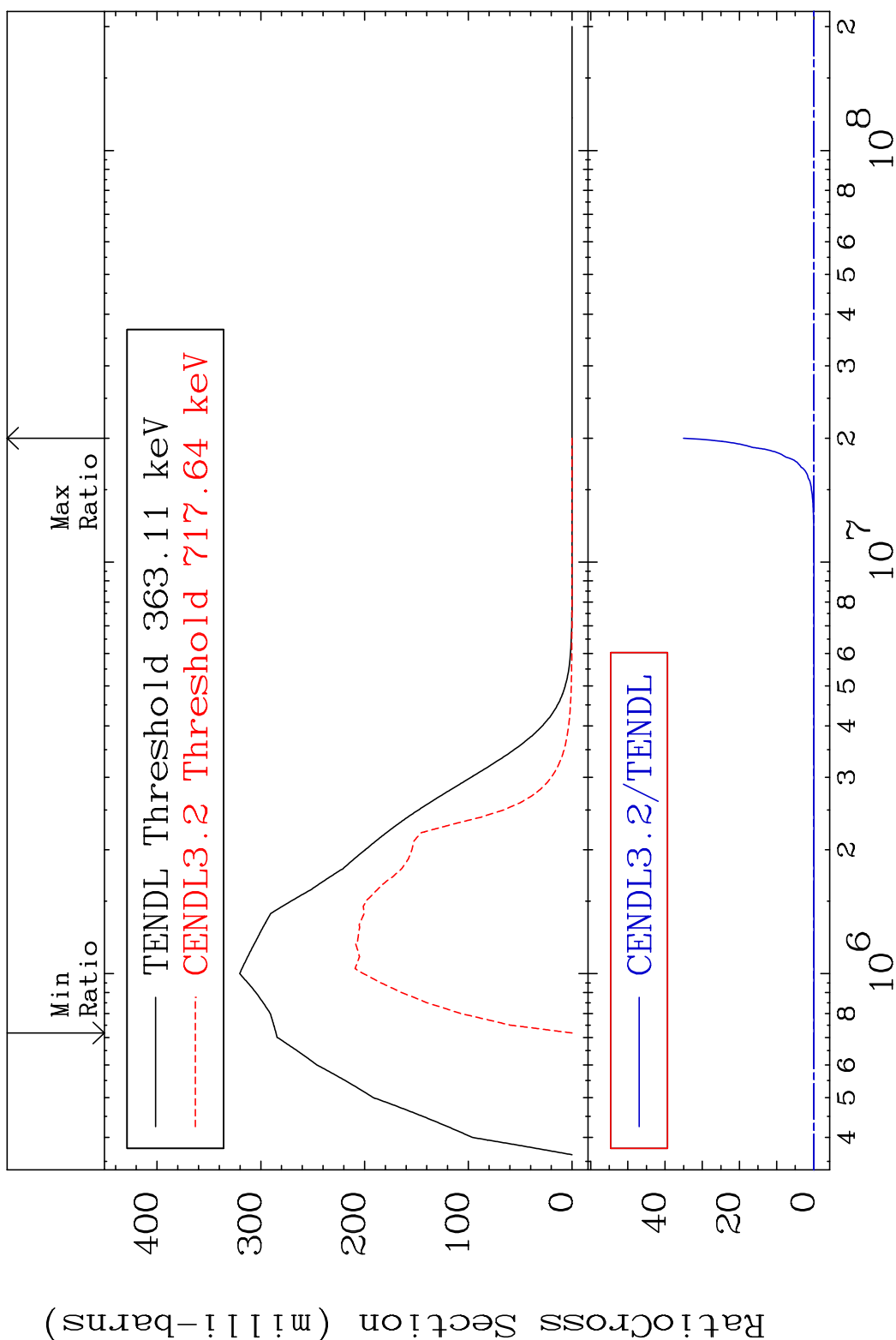
MAT 5040 MT= 51 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



MAT 5040 MT= 52 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %

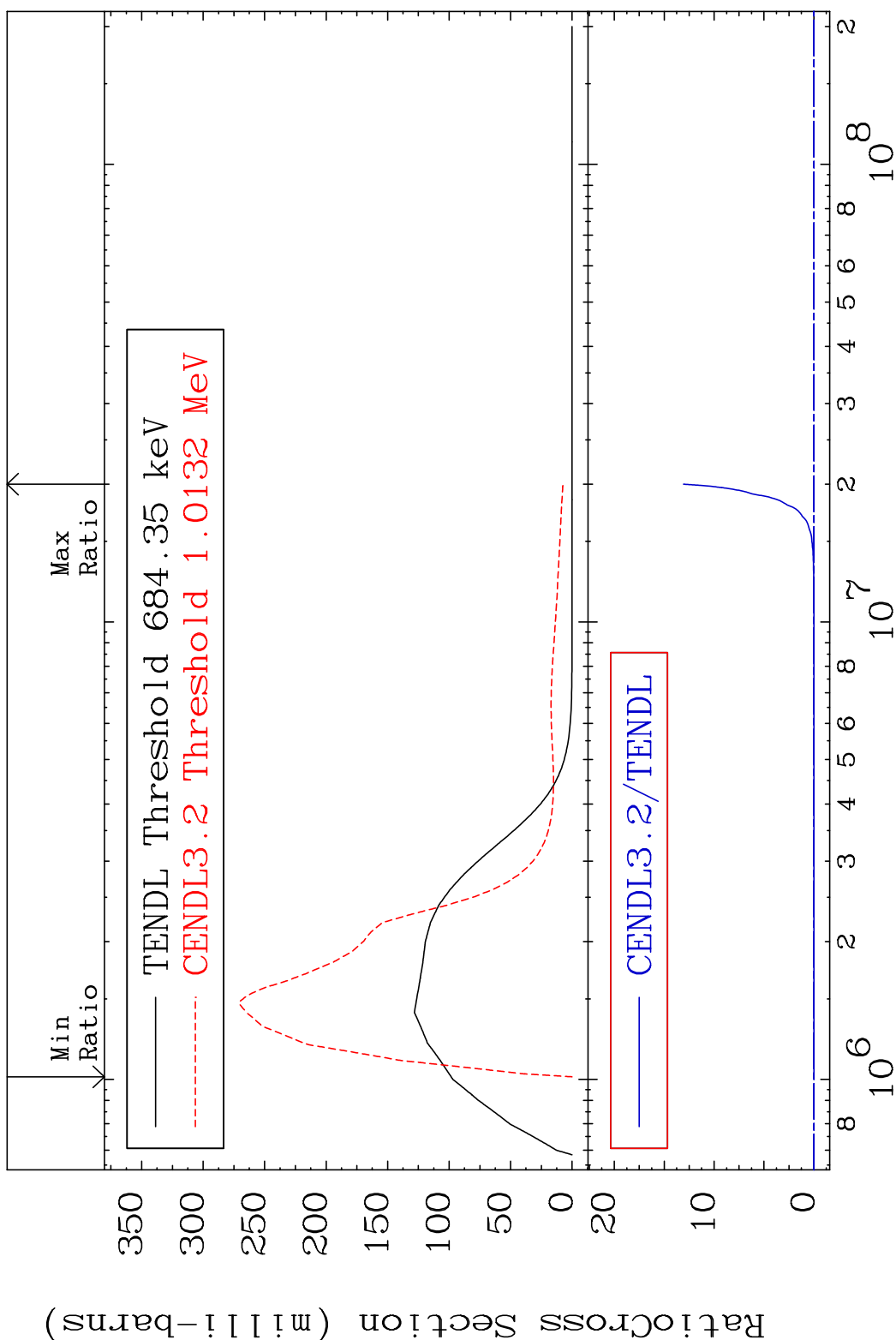


MAT 5040 MT= 53 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



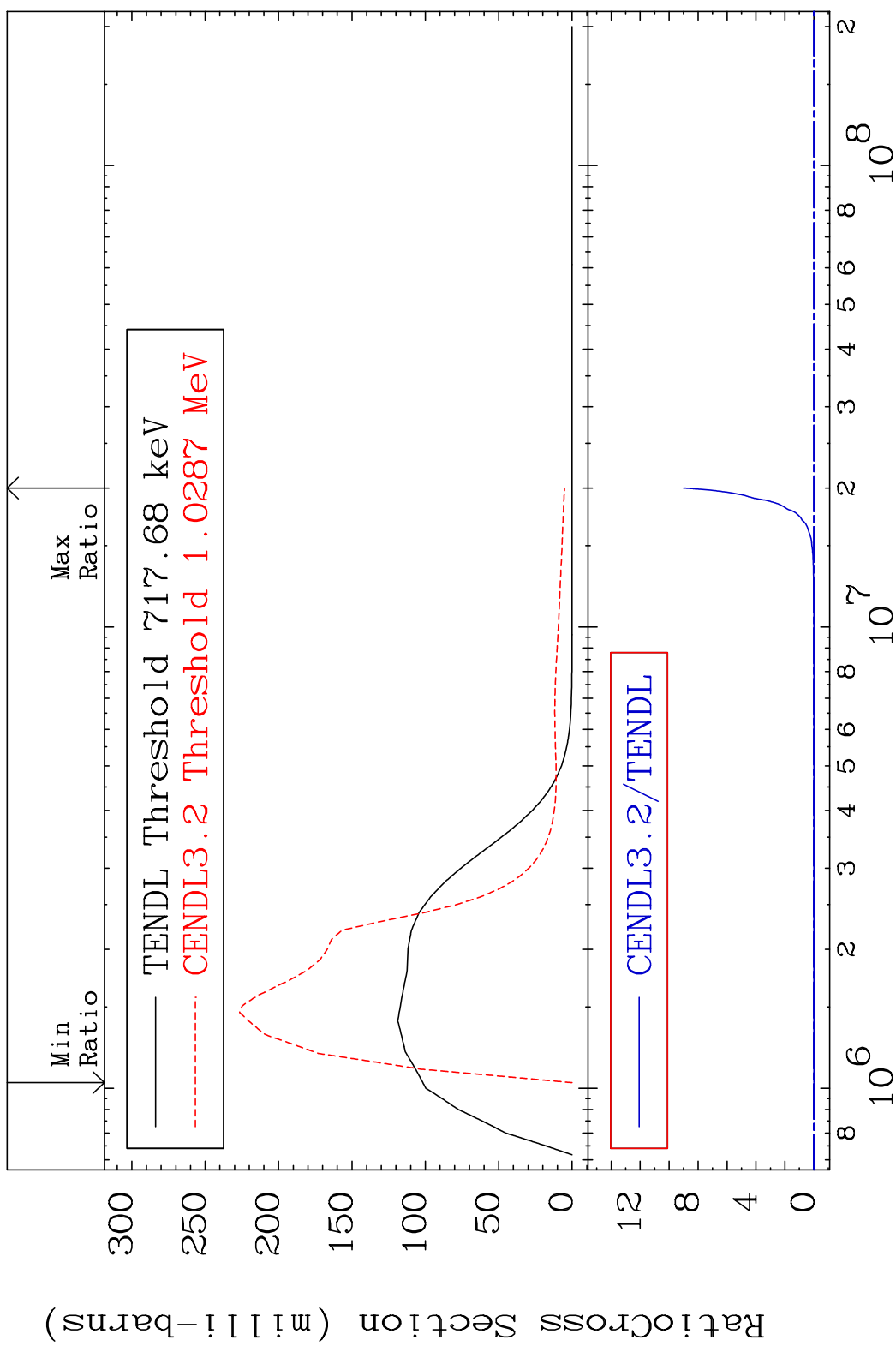
10 Incident Energy (eV) 50-Sn-117

MAT 5040 MT= 54 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



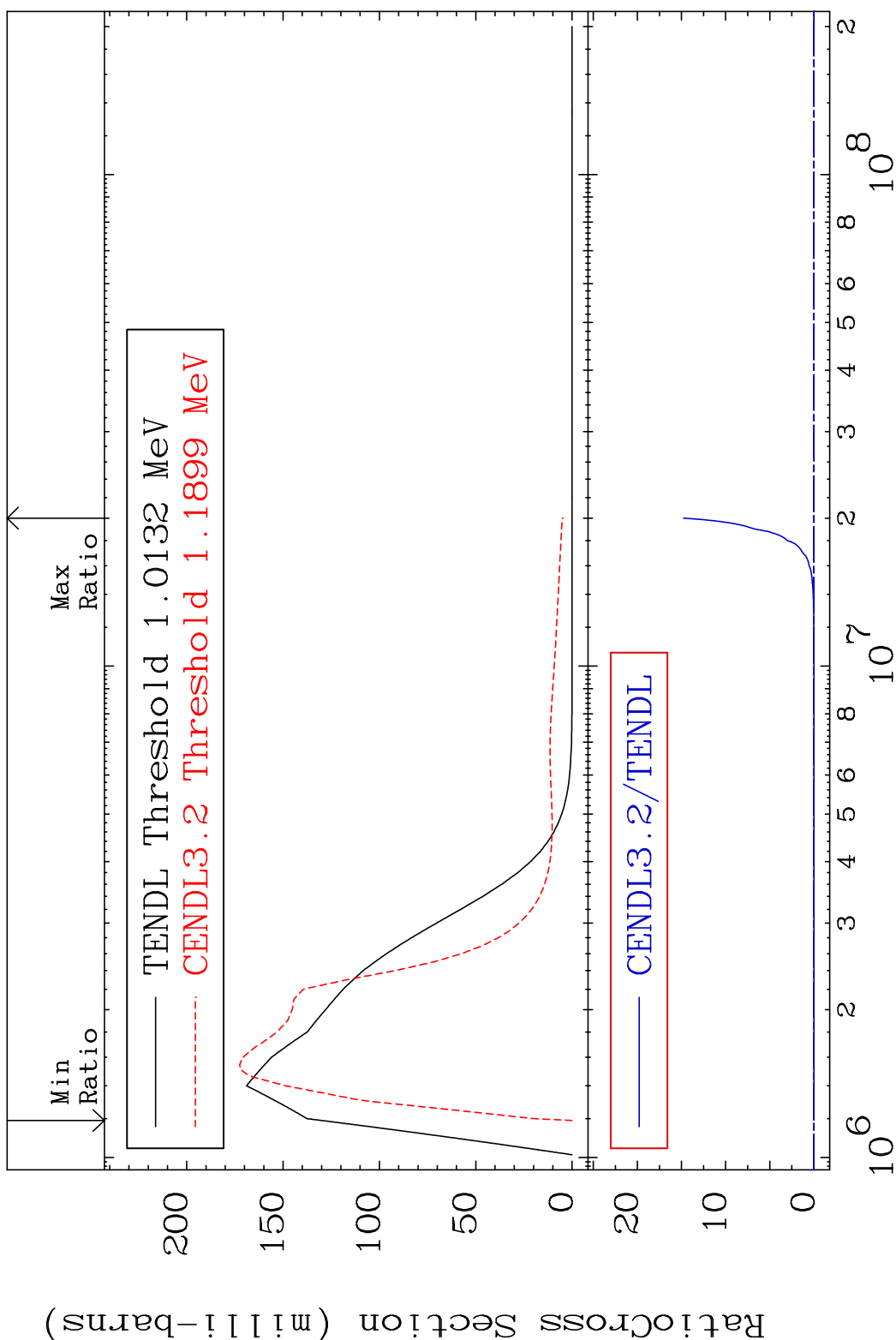
11 Incident Energy (eV) 50-Sn-117

MAT 5040 MT= 55 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



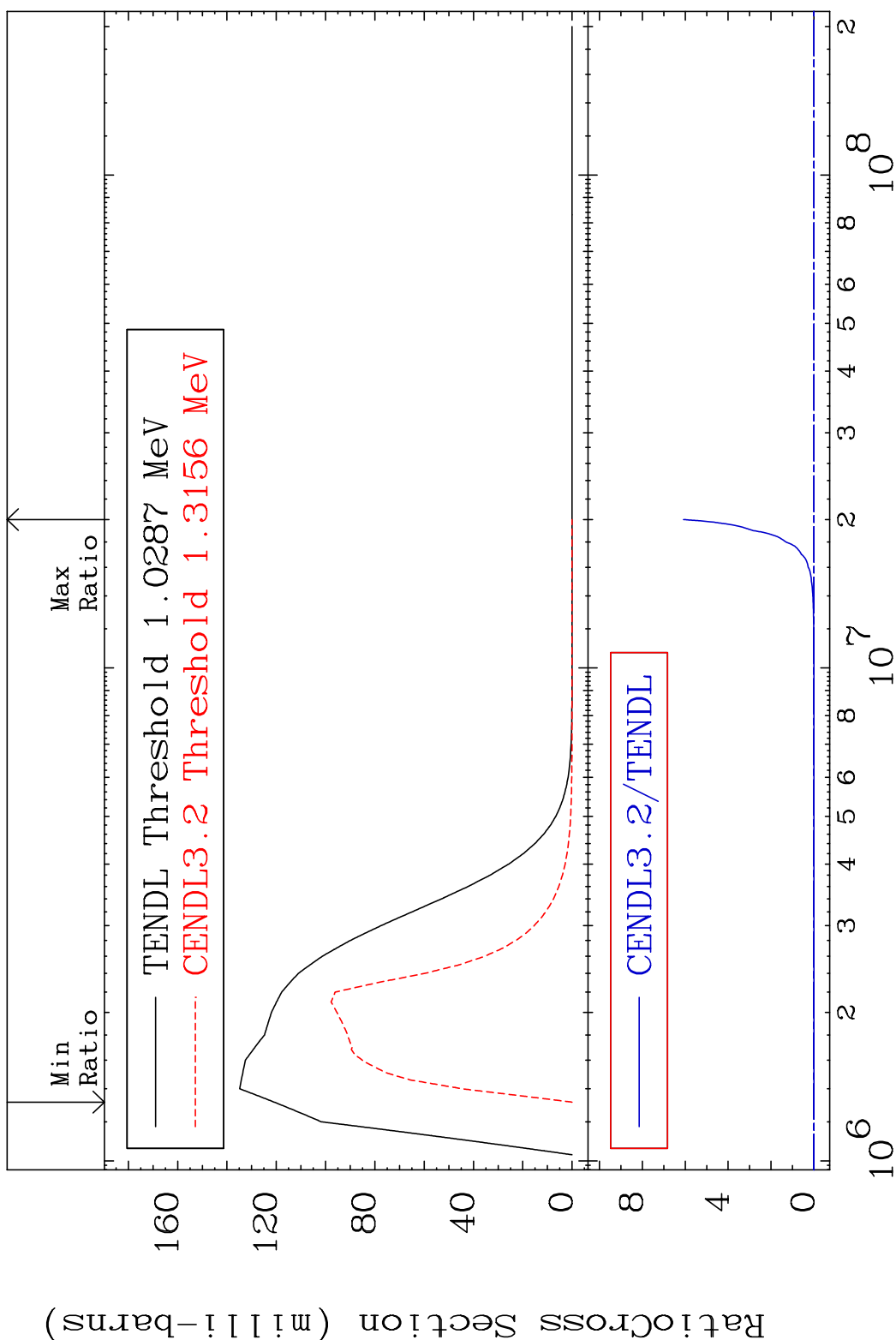
12 Incident Energy (eV) 50-Sn-117

MAT 5040 MT= 56 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



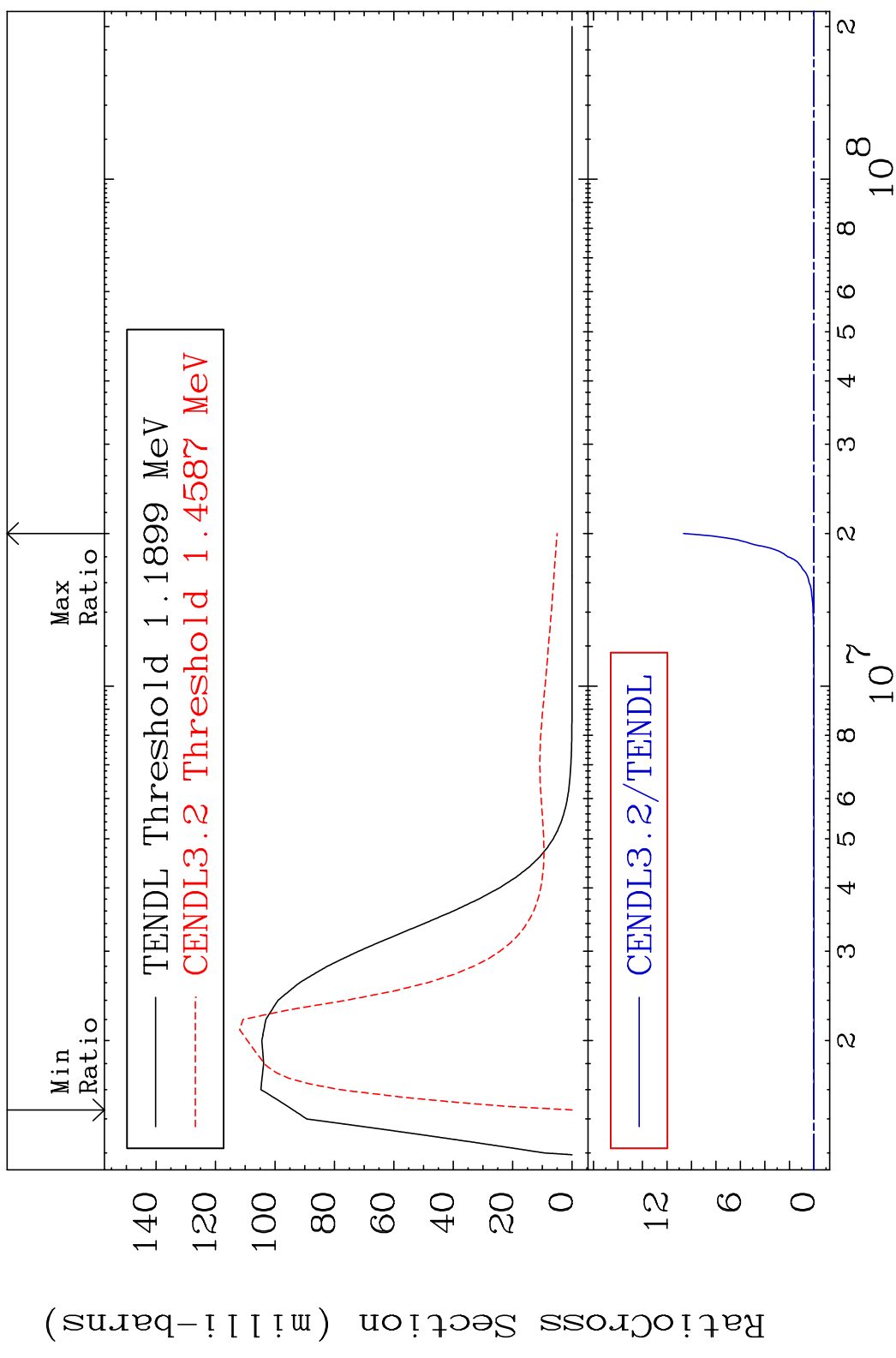
13 Incident Energy (eV) 50-Sn-117

MAT 5040 MT= 57 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



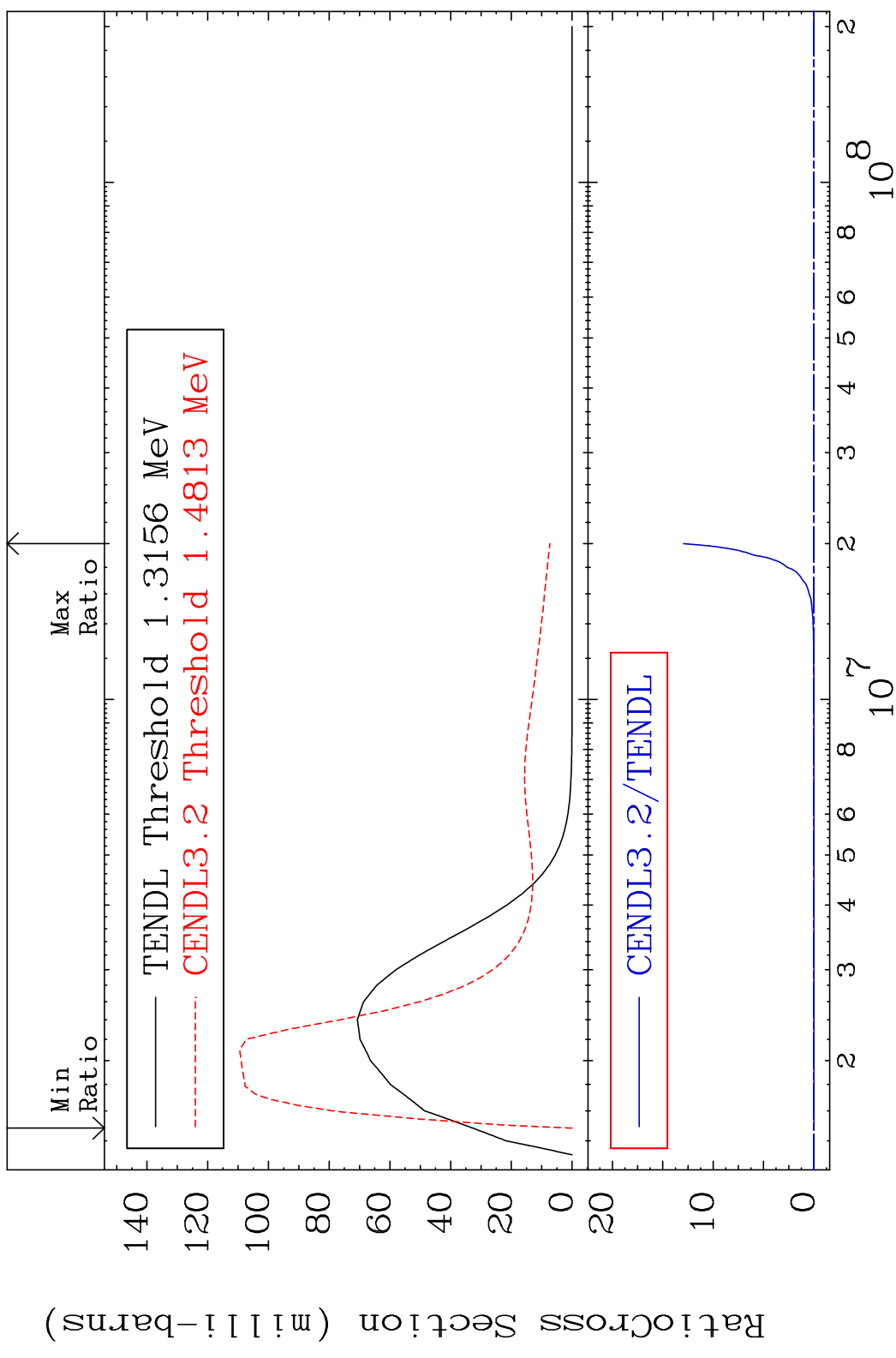
14 Incident Energy (eV) 50-Sn-117

MAT 5040 MT= 58 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



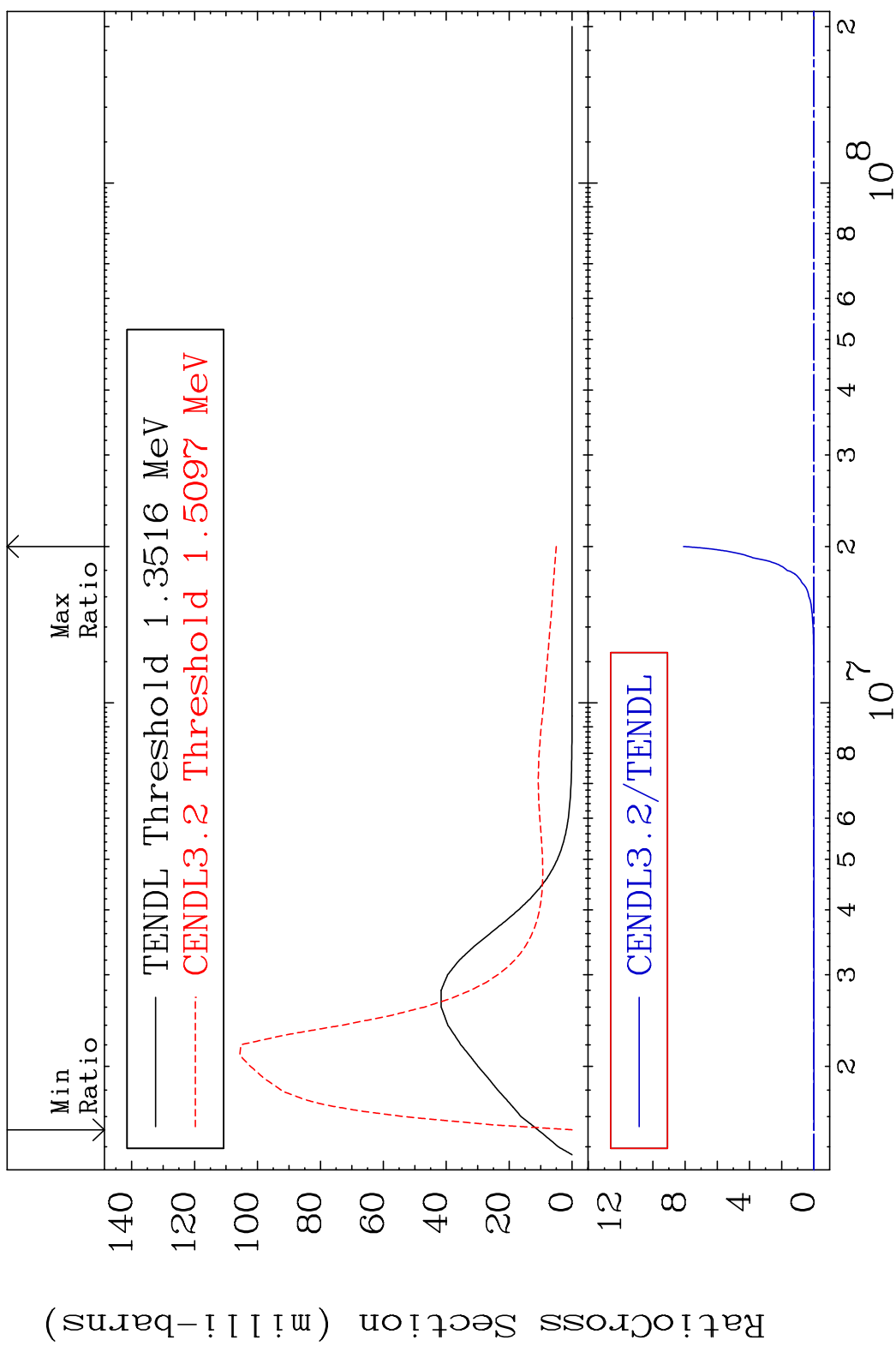
15 Incident Energy (eV) 50-Sn-117

MAT 5040 MT= 59 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



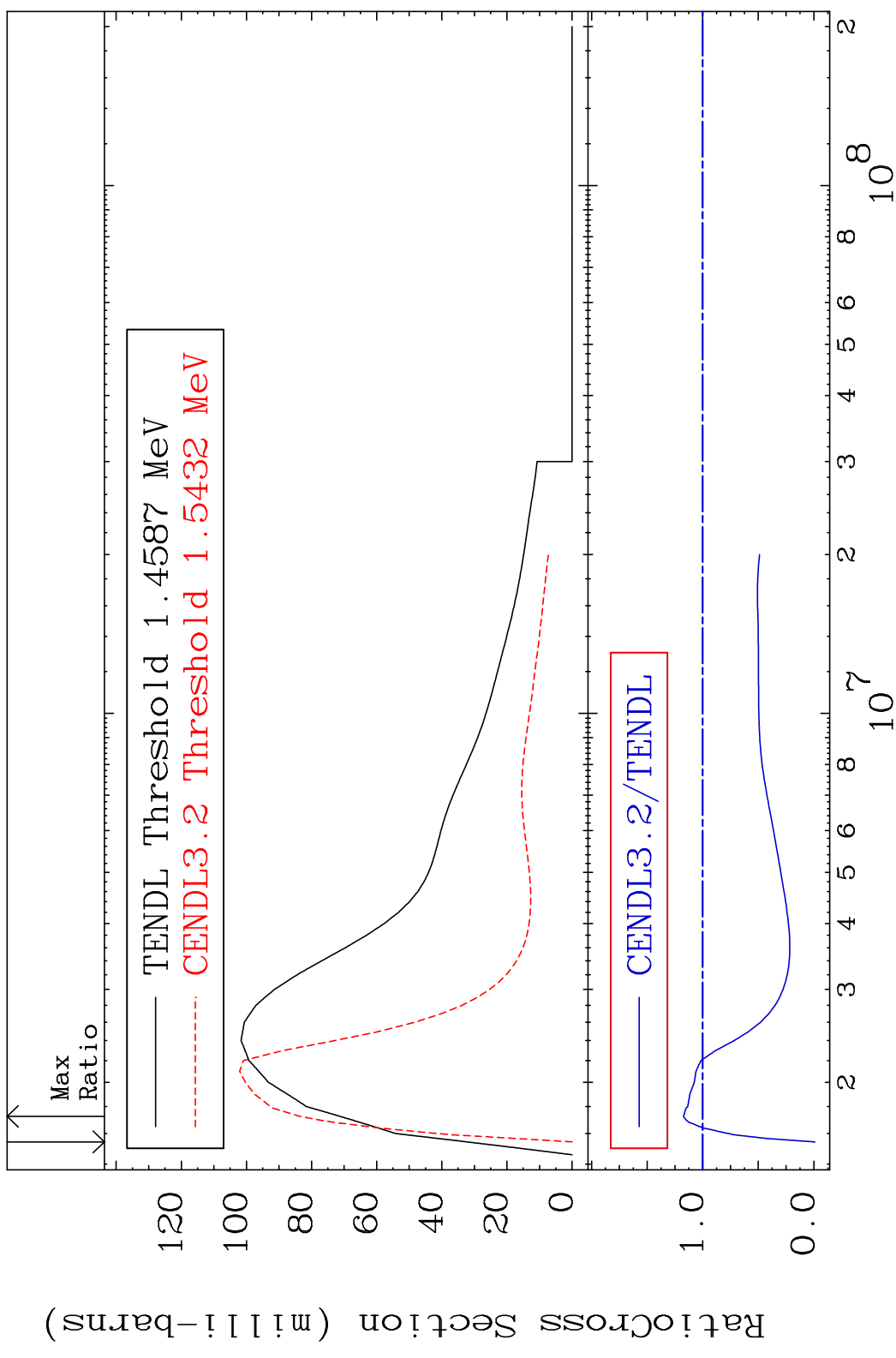
16 Incident Energy (eV) 50-Sn-117

MAT 5040 MT= 60 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



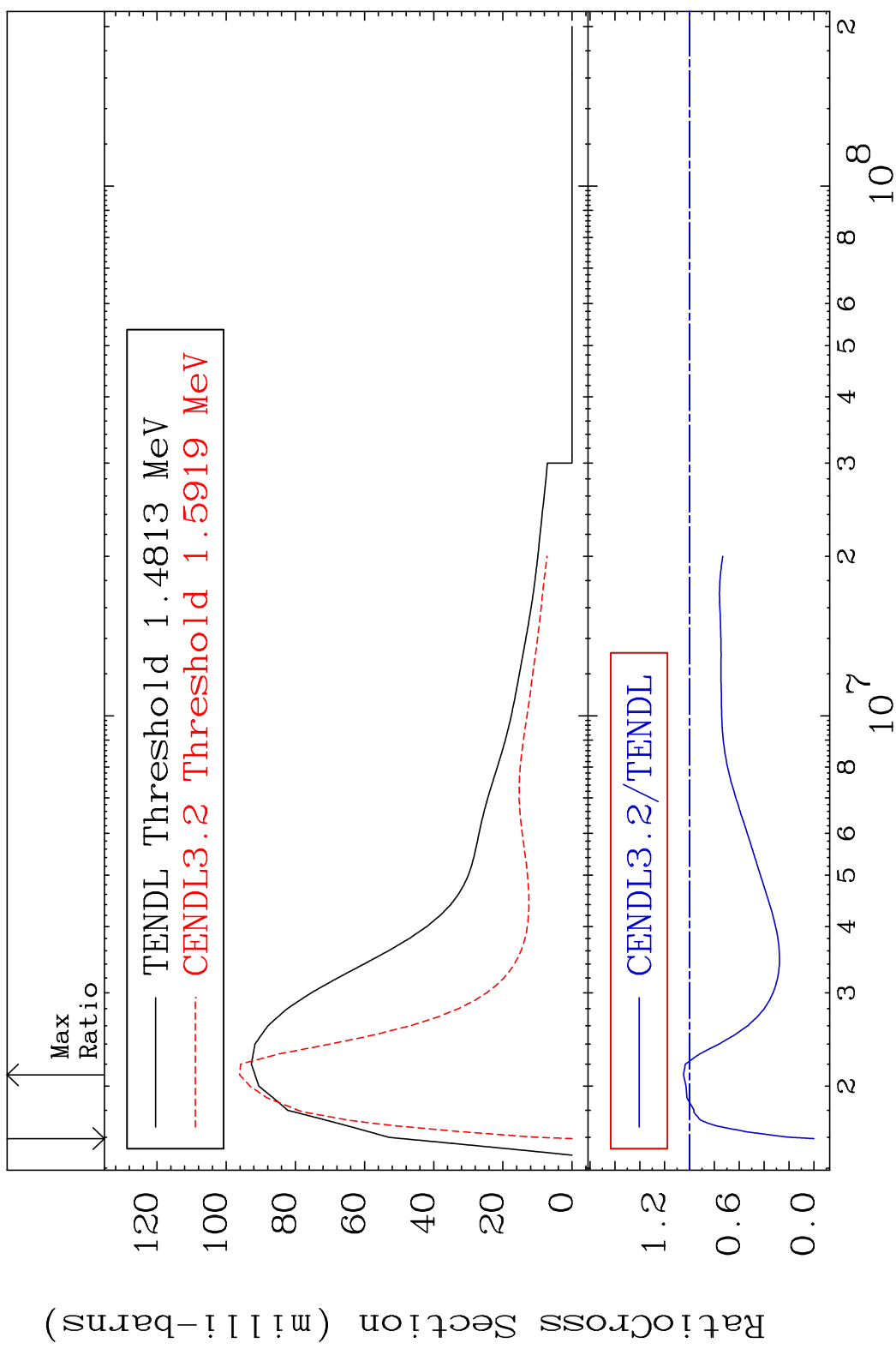
17 Incident Energy (eV) 50-Sn-117

MAT 5040 MT= 61 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 17.34 %

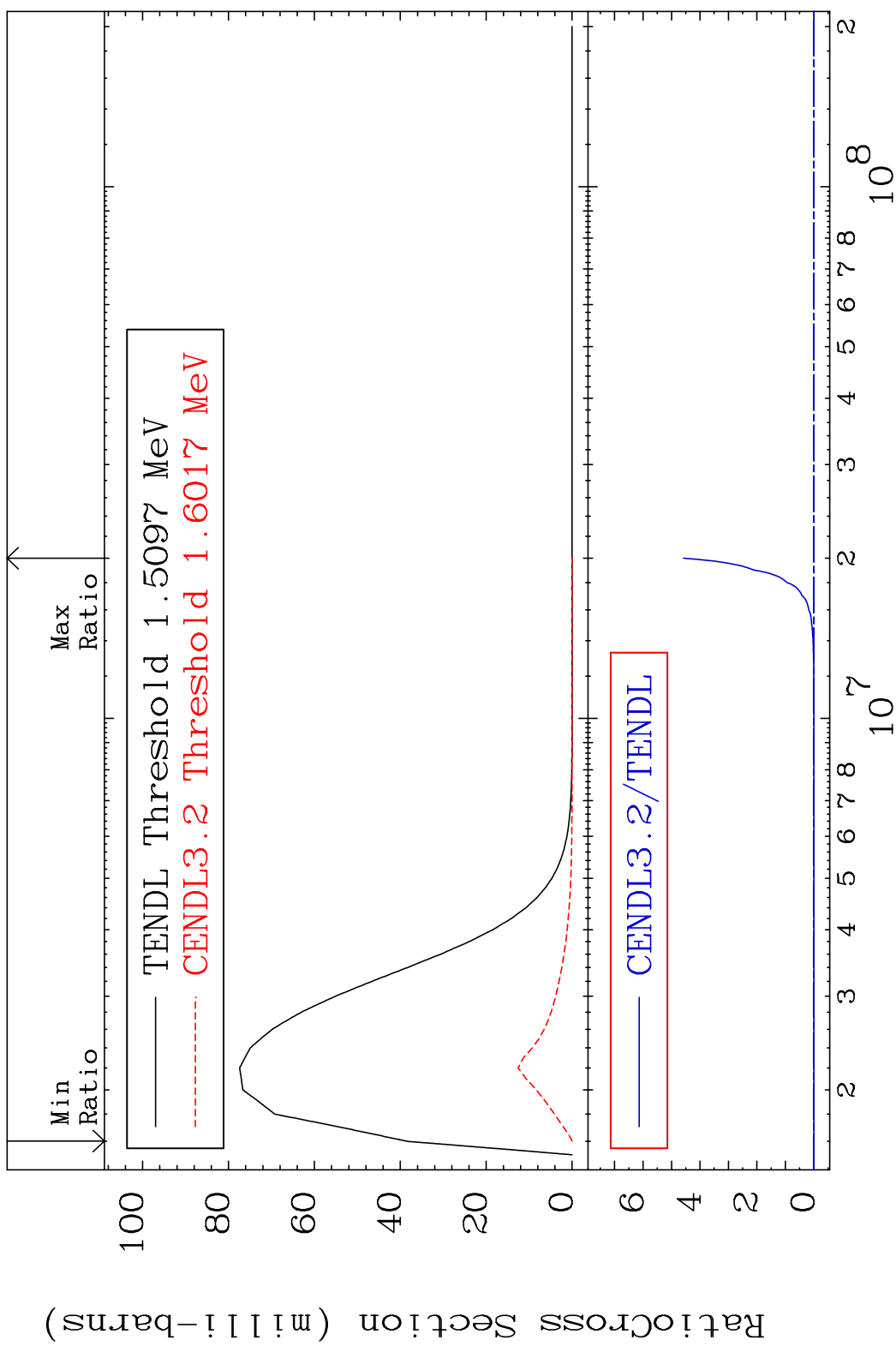


18 Incident Energy (eV) 50-Sn-117

MAT 5040 MT= 62 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 4.859 %

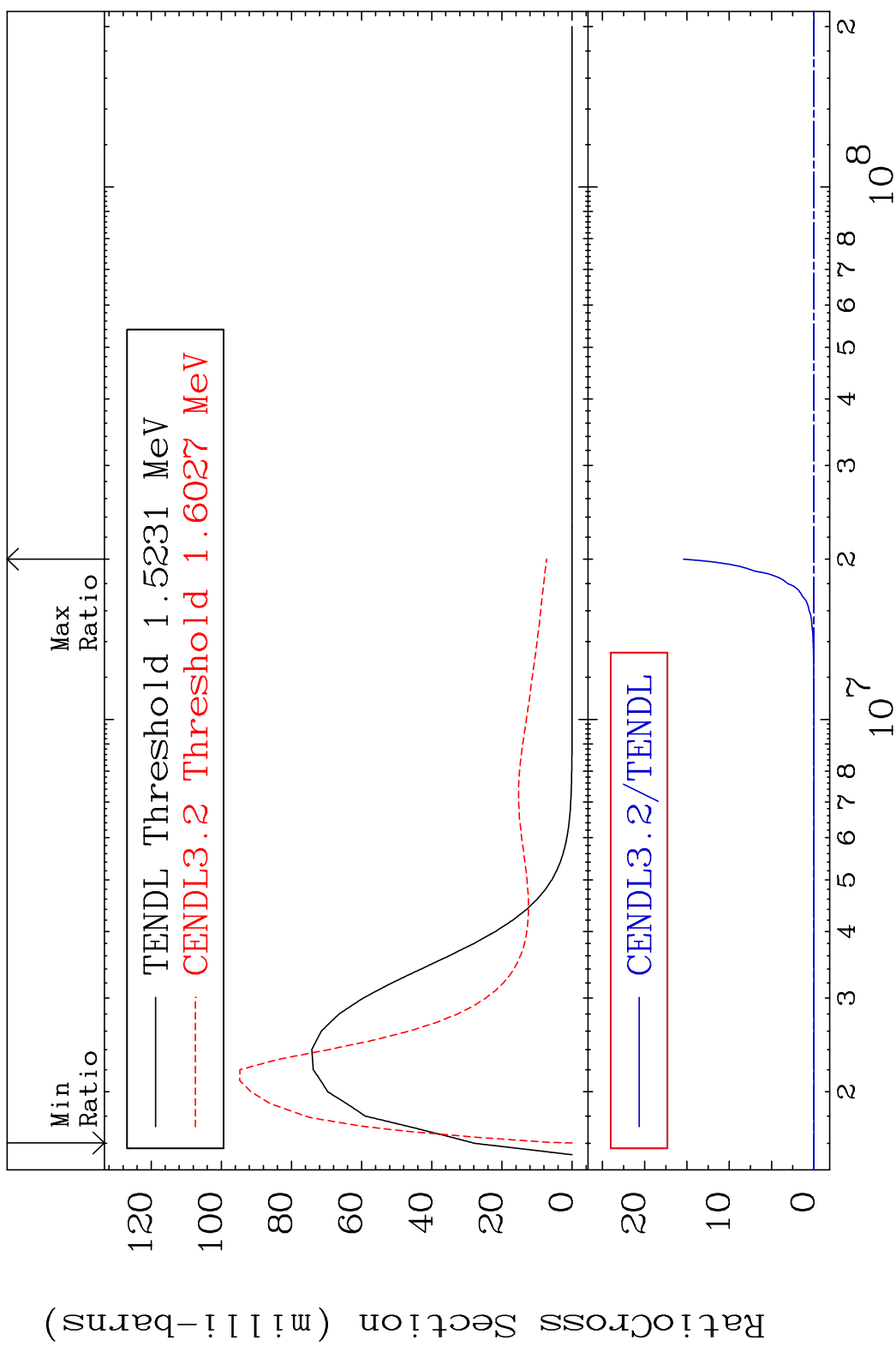


MAT 5040 MT= 63 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



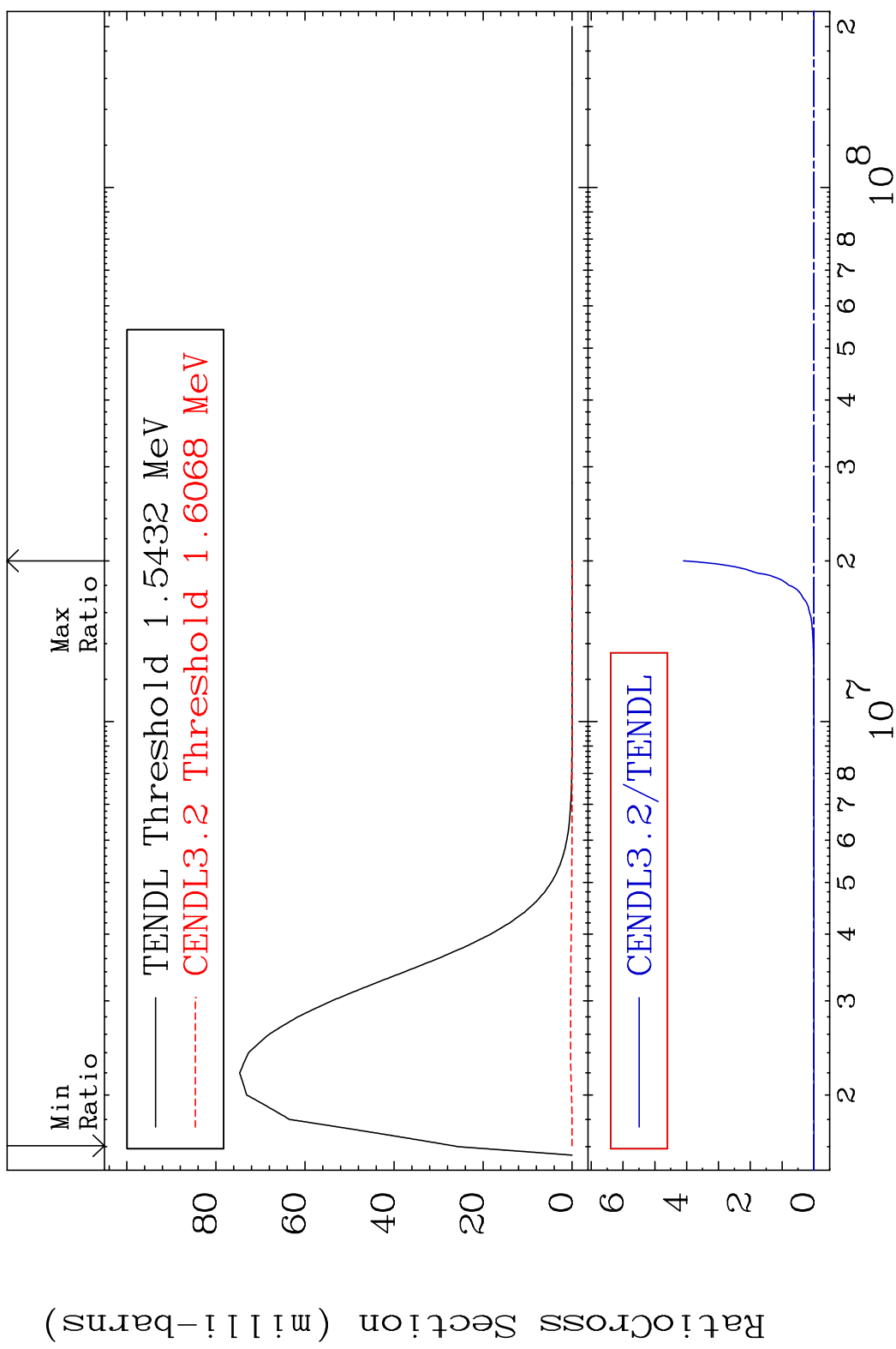
20 Incident Energy (eV) 50-Sn-117

MAT 5040 MT= 64 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



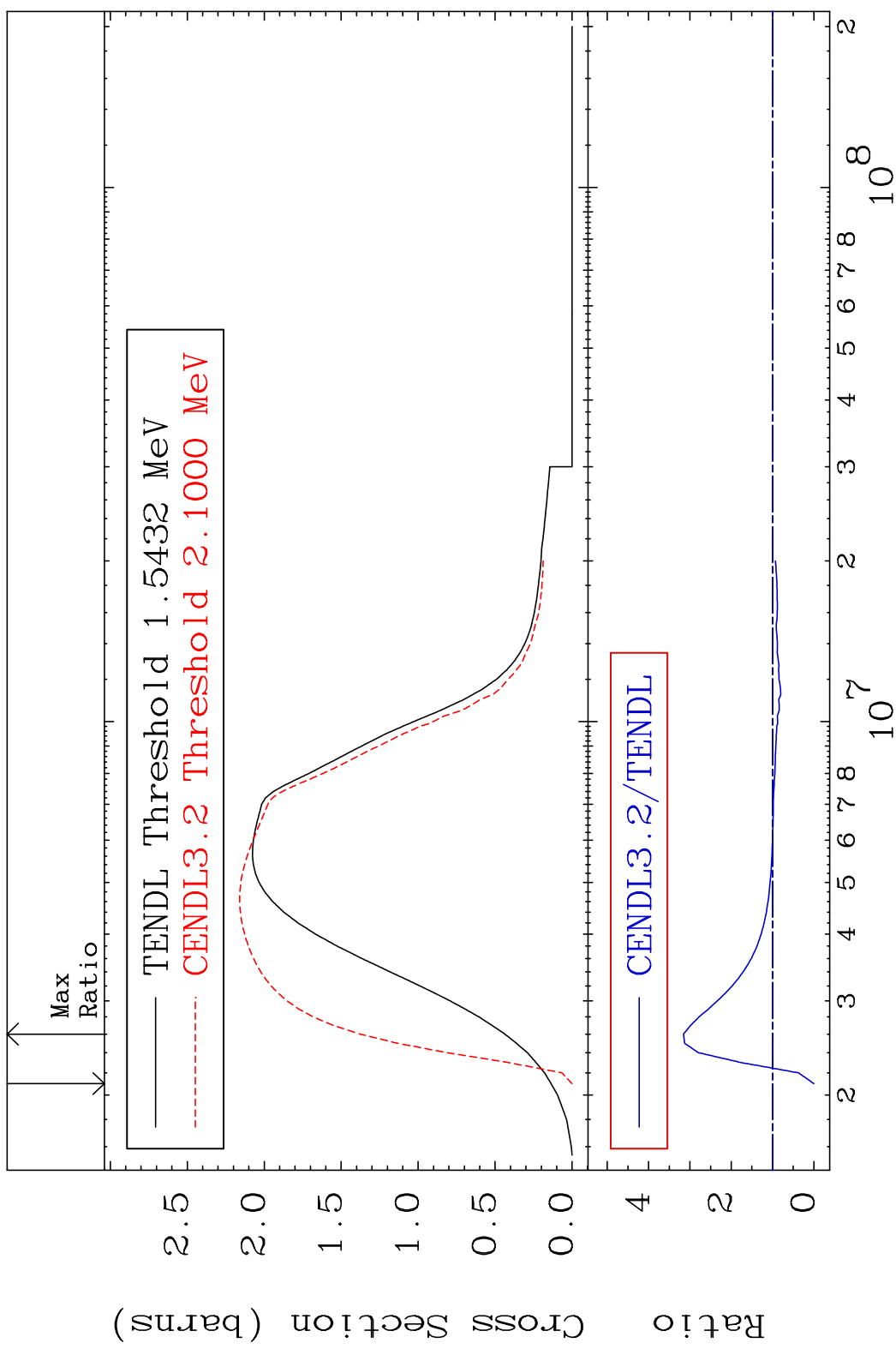
21 Incident Energy (eV) 50-Sn-117

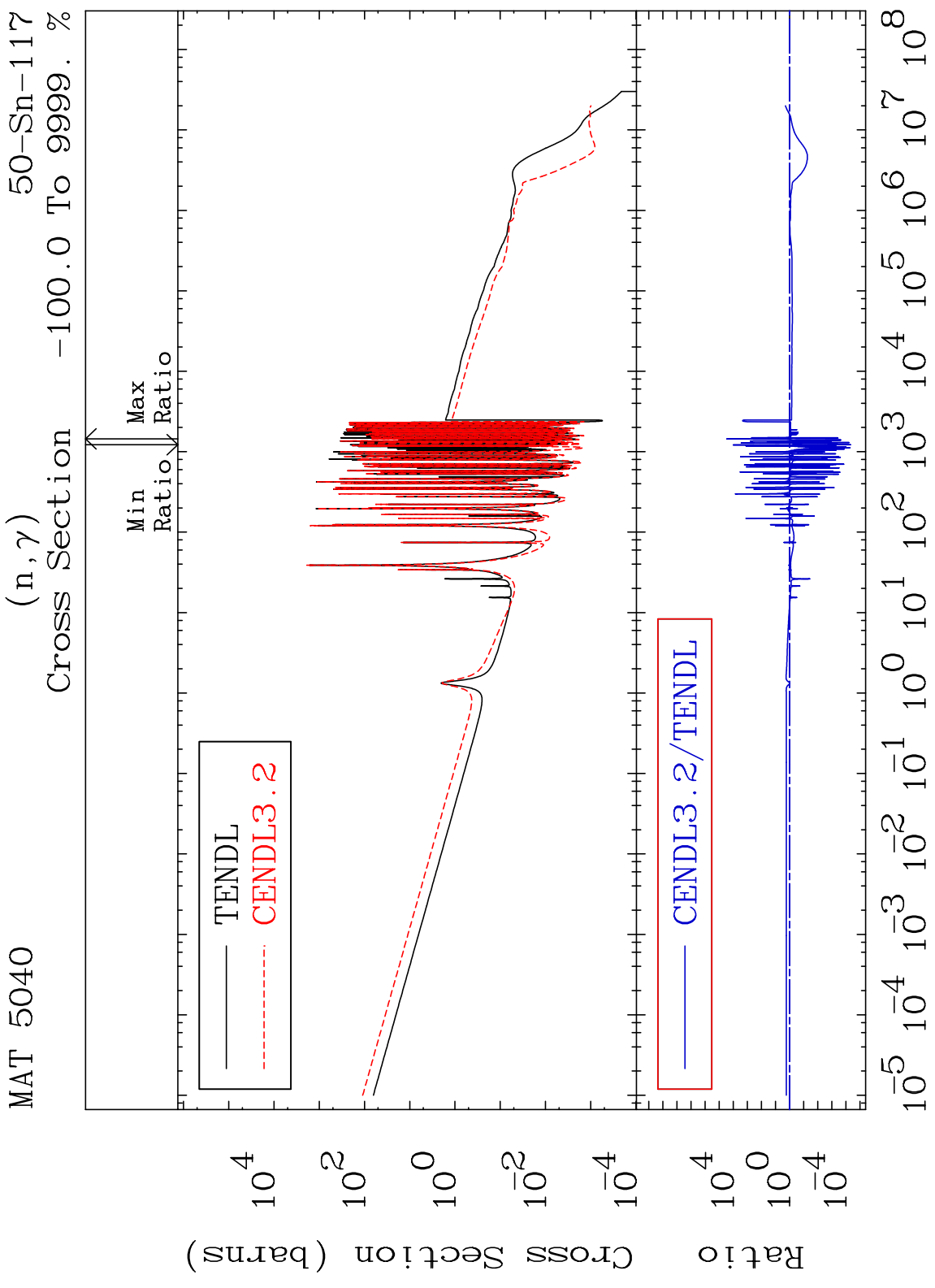
MAT 5040 MT= 65 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %

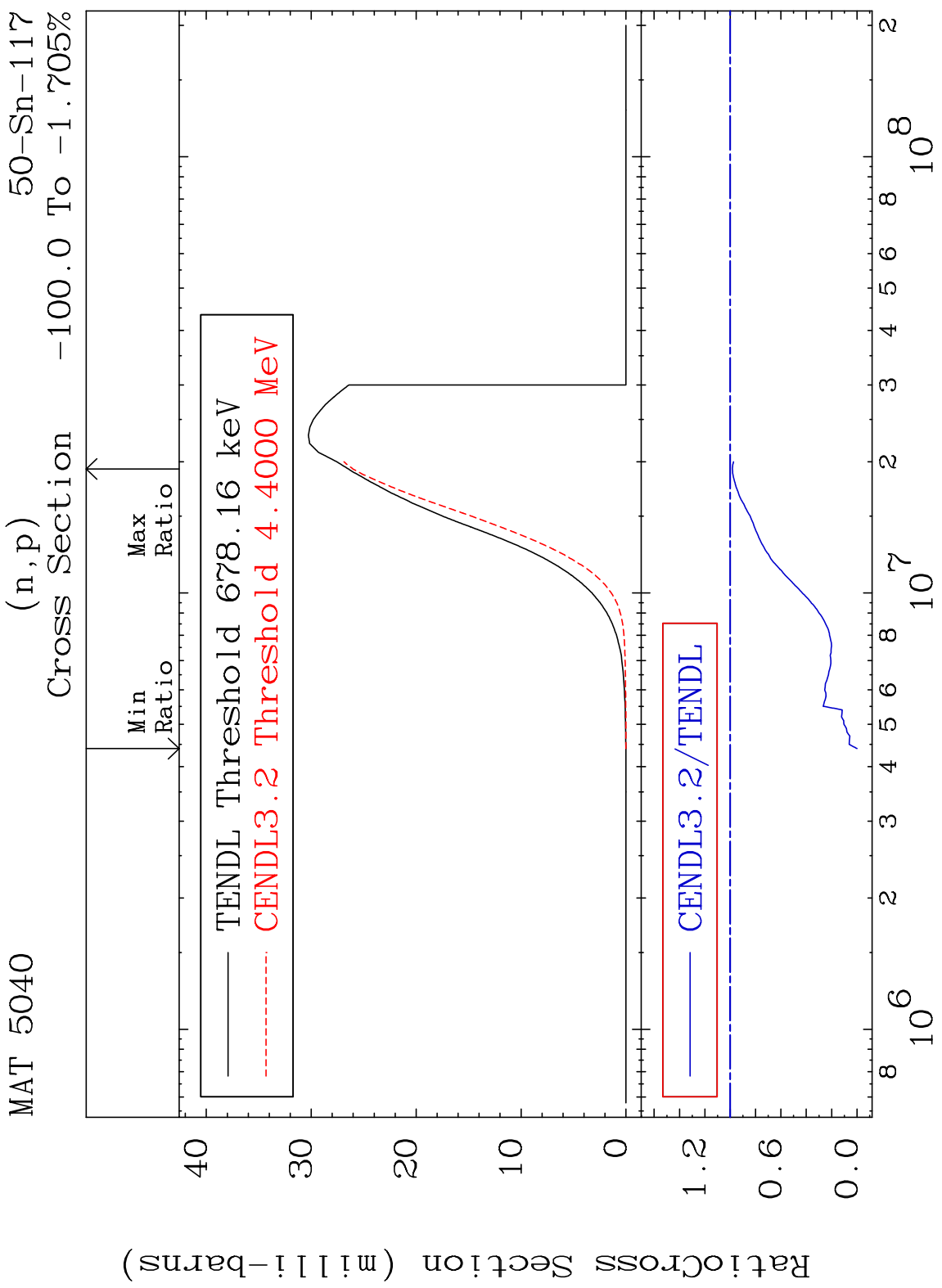


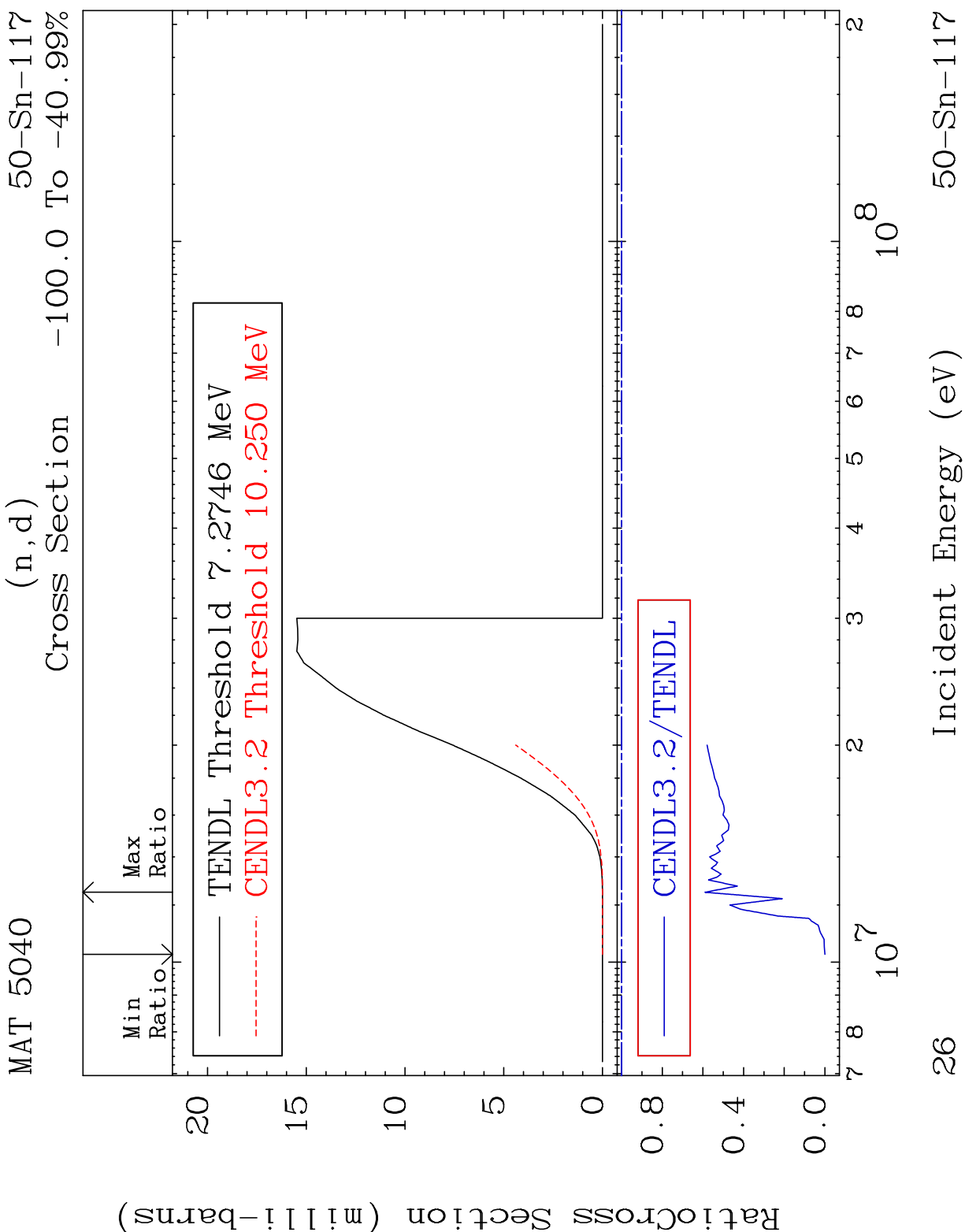
22 Incident Energy (eV) 50-Sn-117

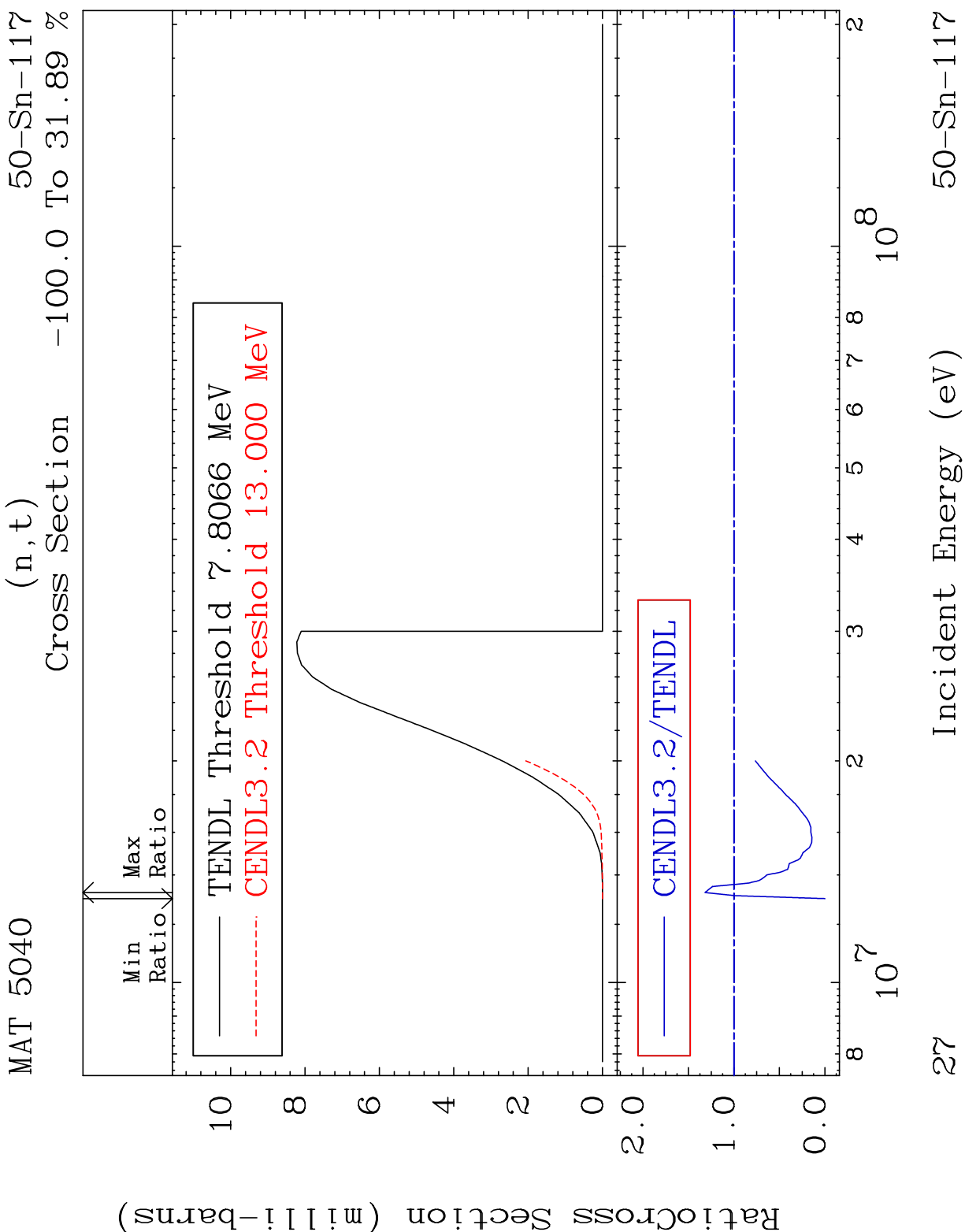
MAT 5040 (n, n') Continuum 50-Sn-117
 Cross Section -100.0 To 215.6 %



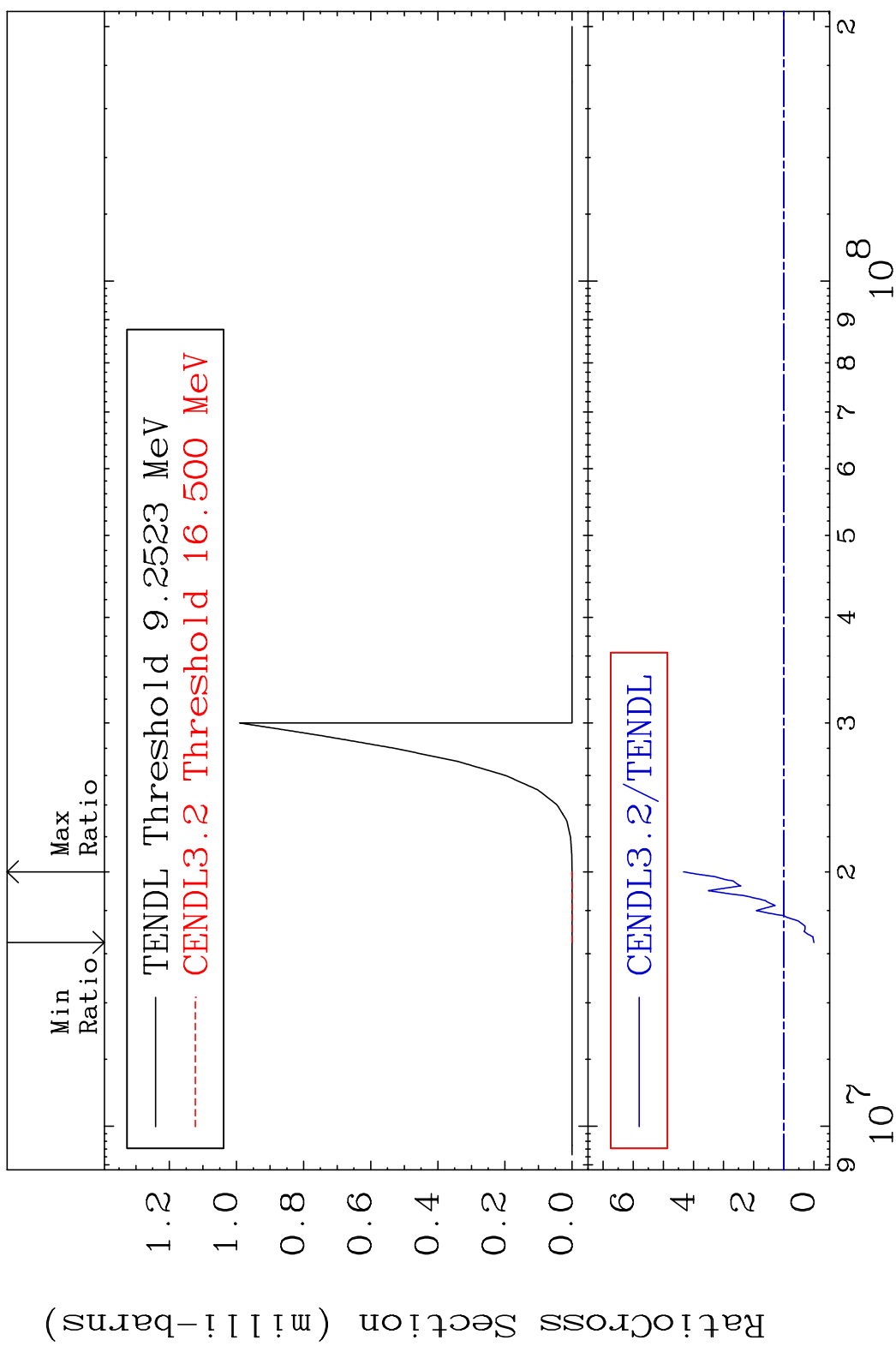




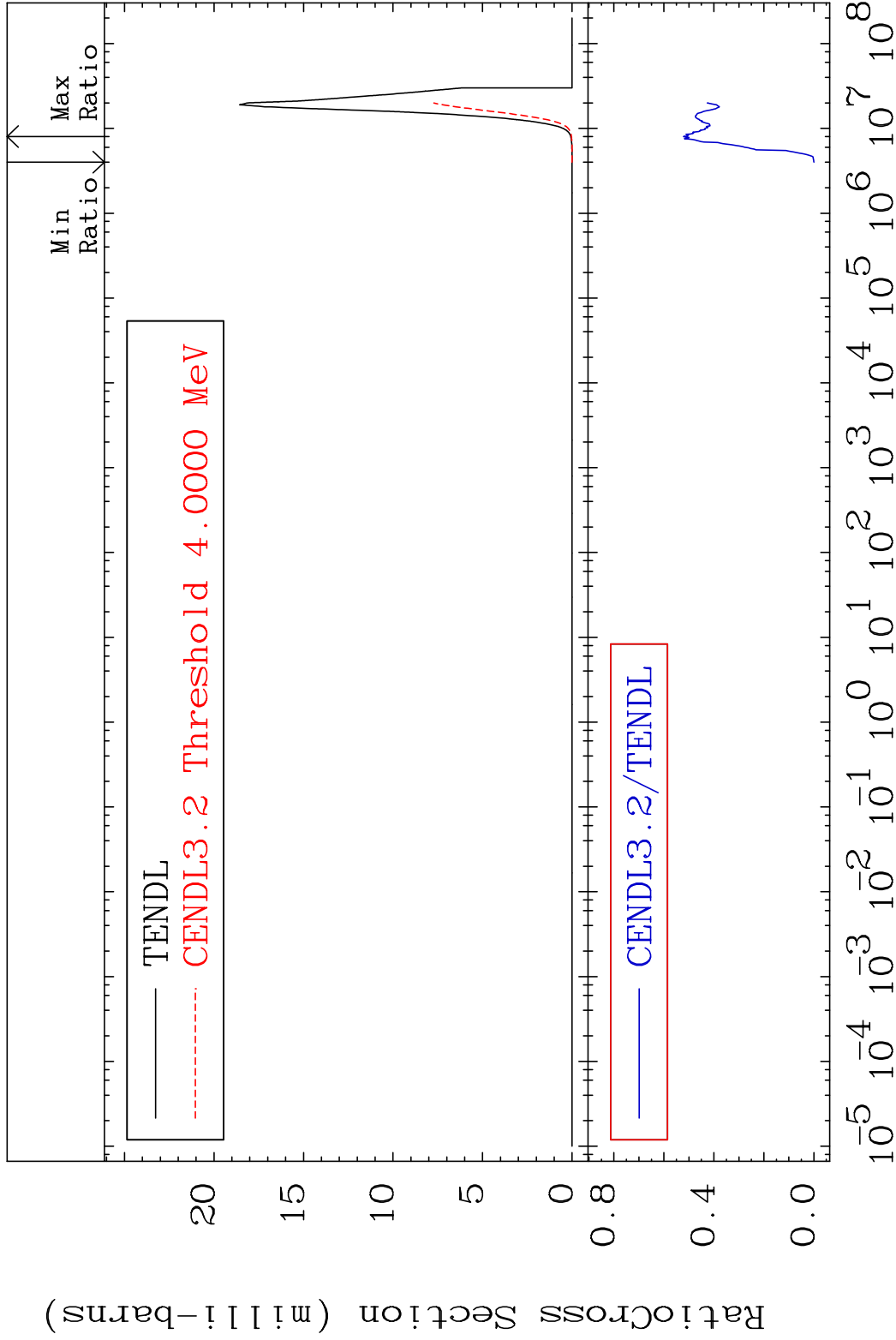




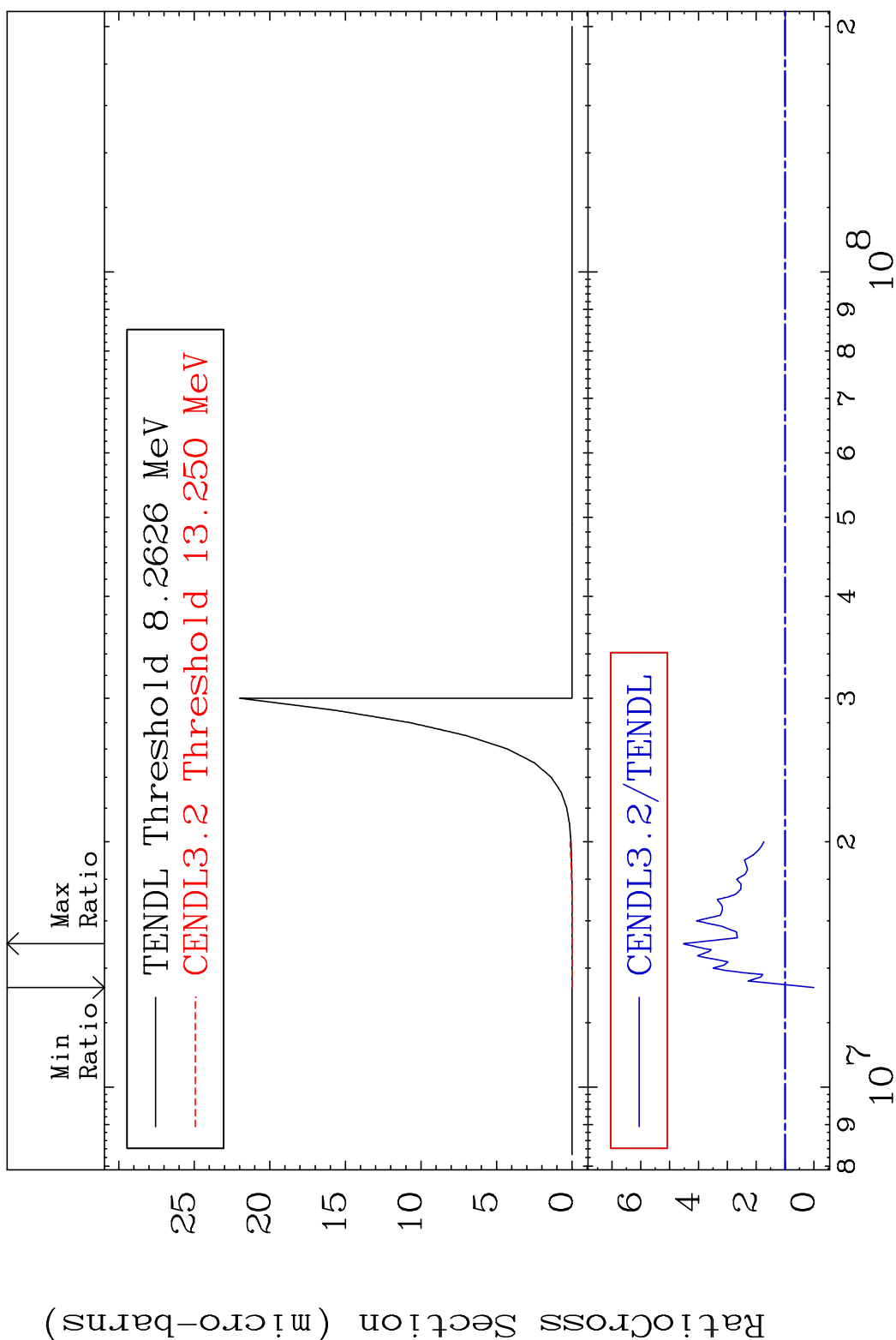
MAT 5040 (n, He-3) 50-Sn-117
 Cross Section -100.0 To 333.2 %



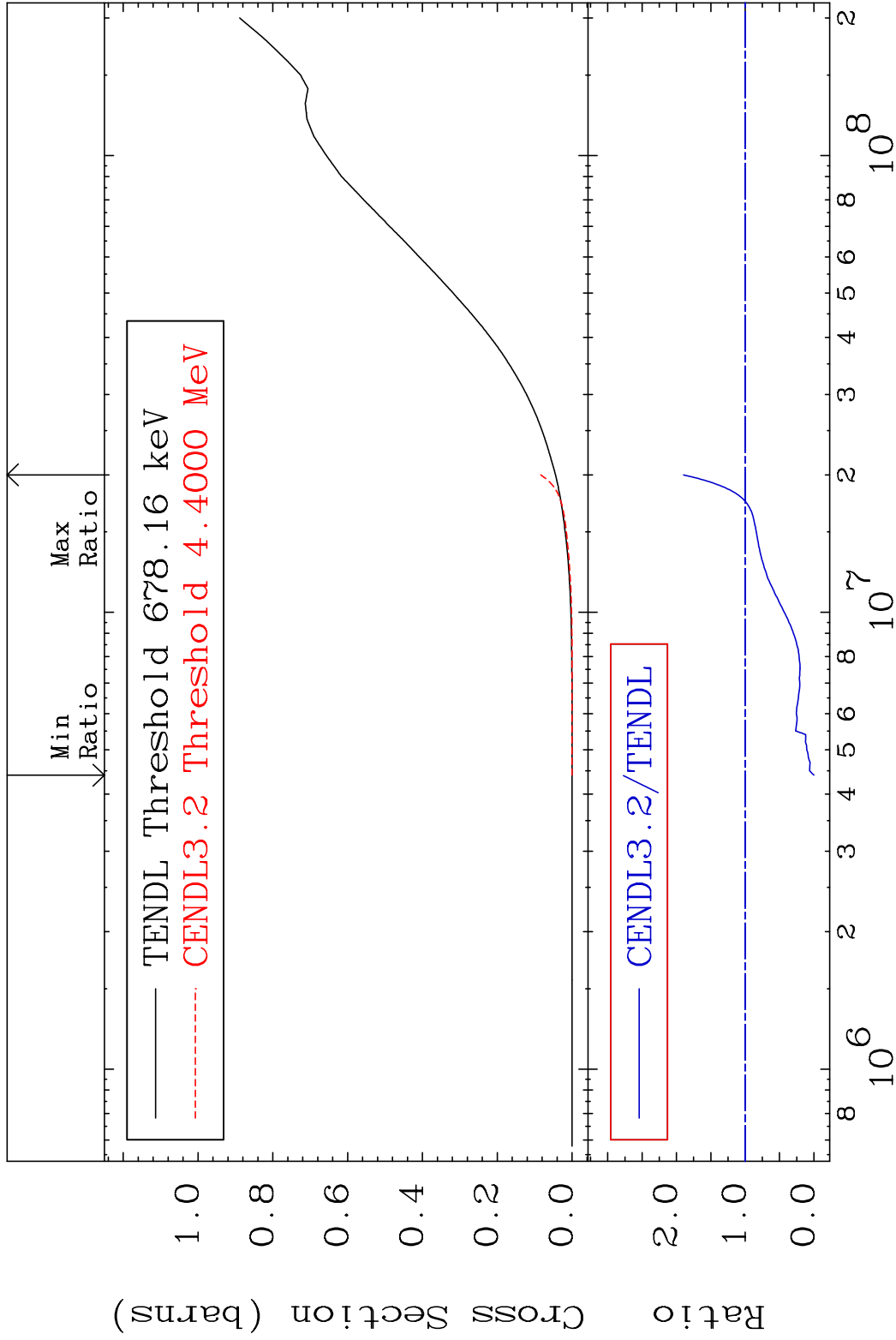
MAT 5040 (n, α) 50-Sn-117
 Cross Section -100.0 To -47.82%

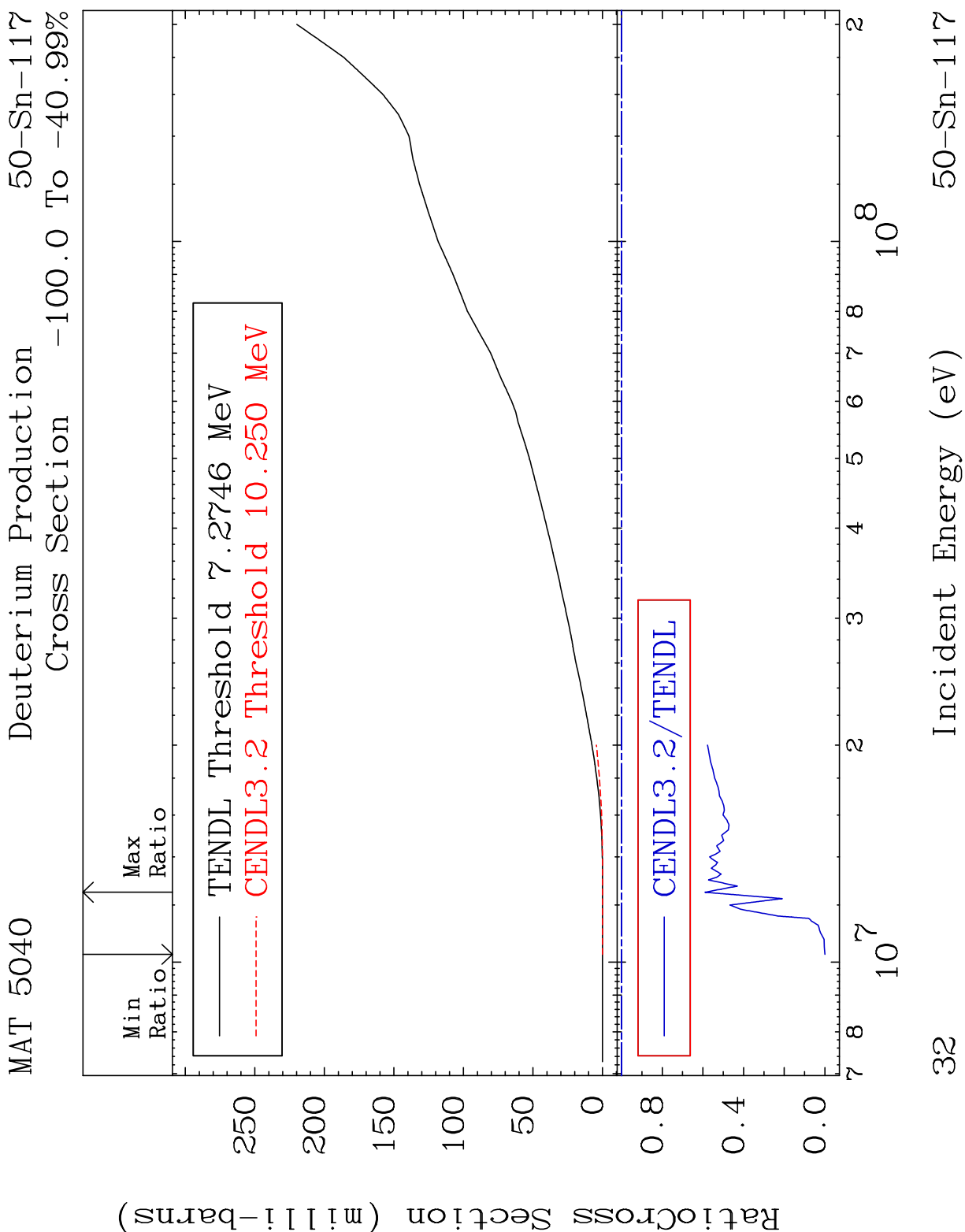


MAT 5040 (n,2p) 50-Sn-117
 Cross Section -100.0 To 352.2 %

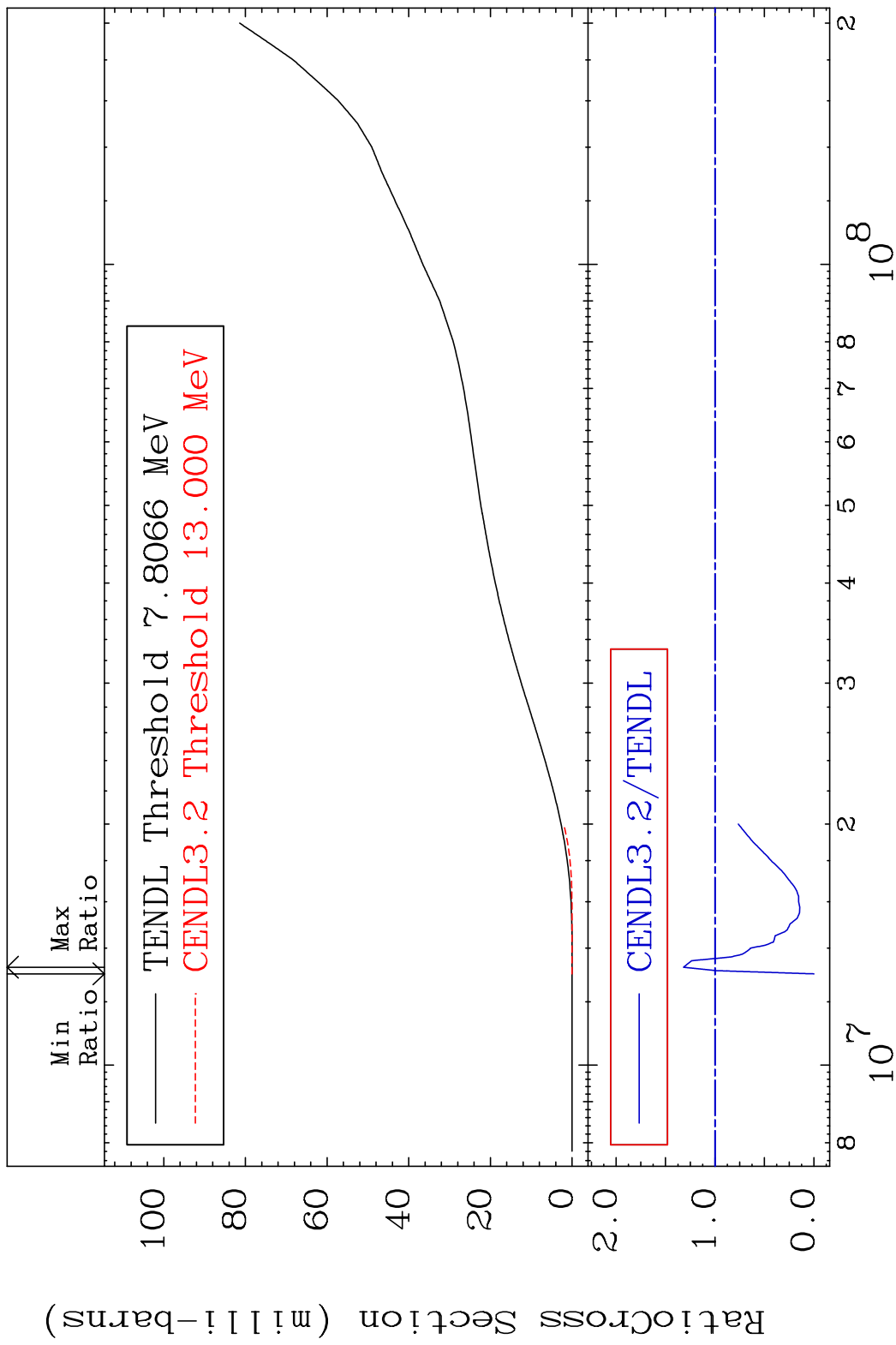


30 Incident Energy (eV) 50-Sn-117

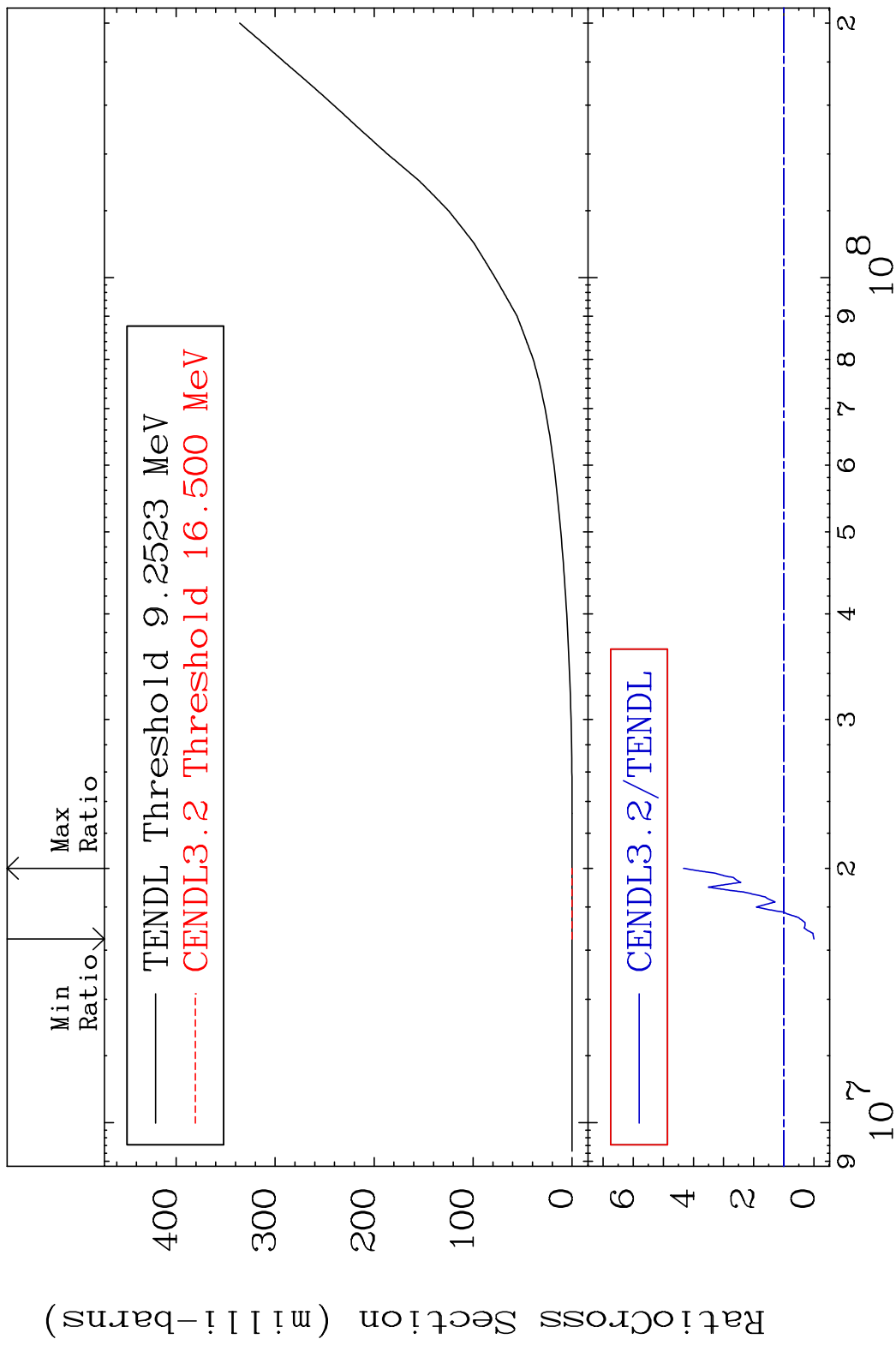




MAT 5040 Tritium Production 50-Sn-117
 Cross Section -100.0 To 31.89 %



MAT 5040 He-3 Production 50-Sn-117
 Cross Section -100.0 To 333.2 %



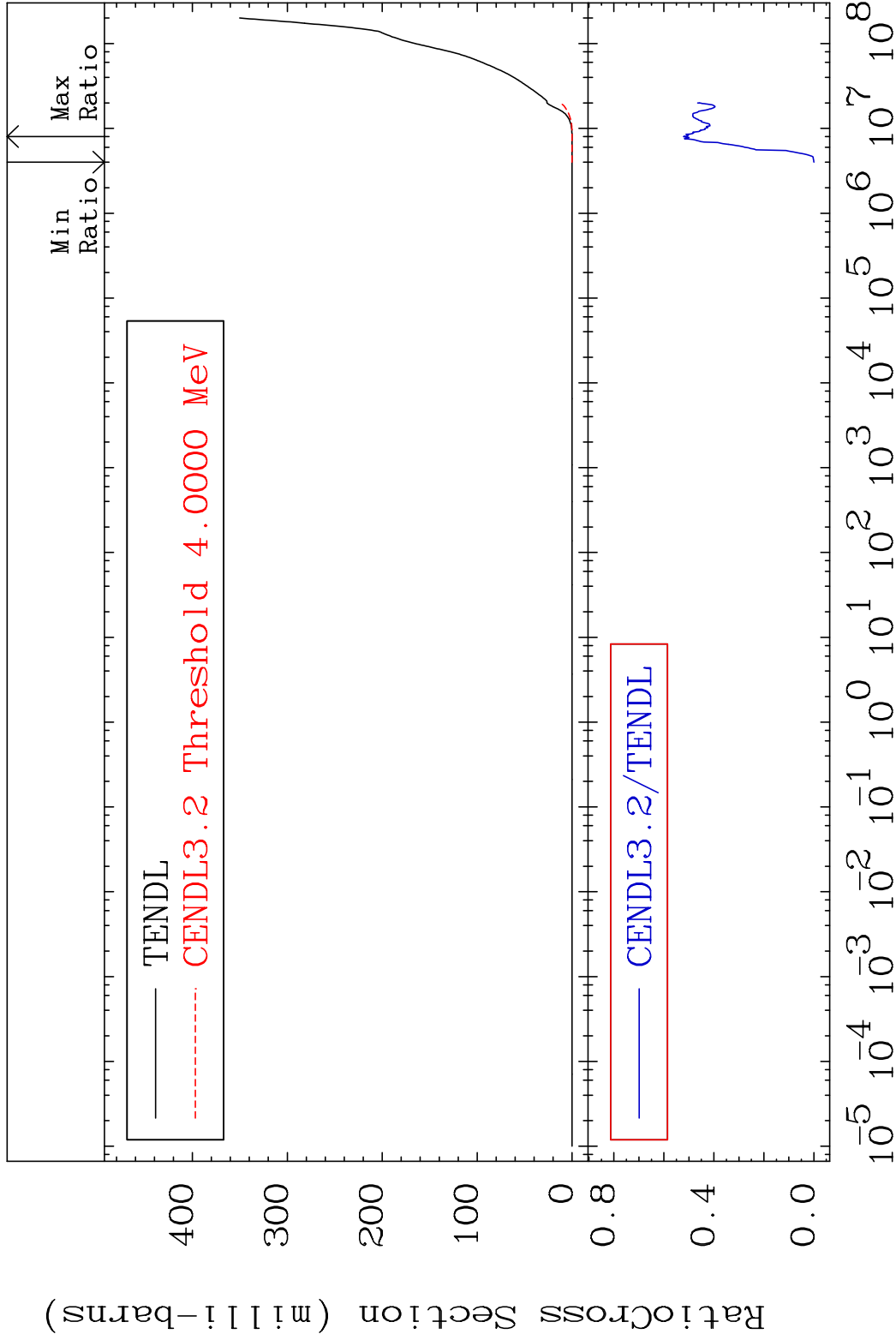
34 Incident Energy (eV) 50-Sn-117

MAT 5040

He-4 Production

50-Sn-117

Cross Section -100.0 To -47.82%

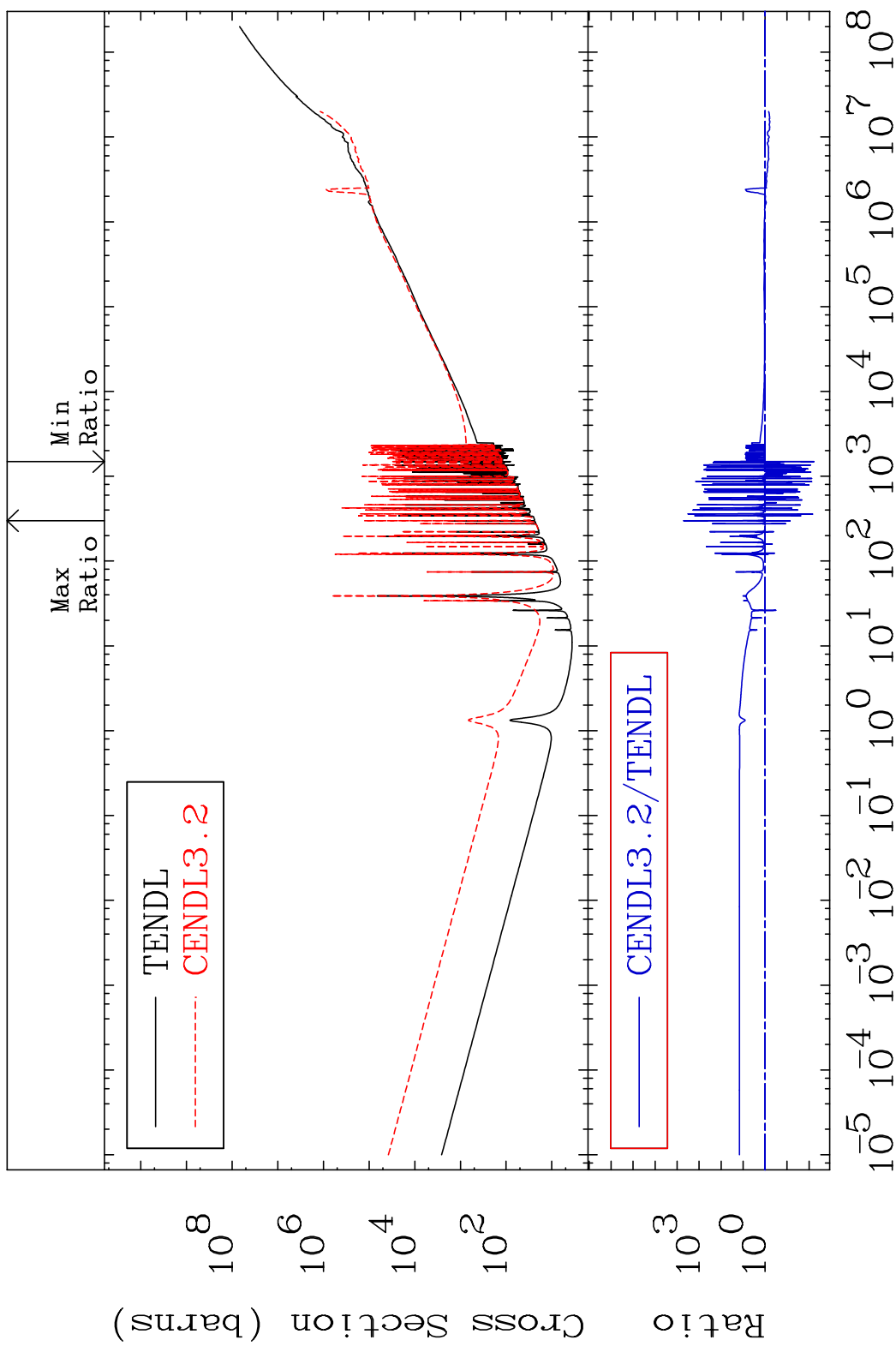


35

Incident Energy (eV)

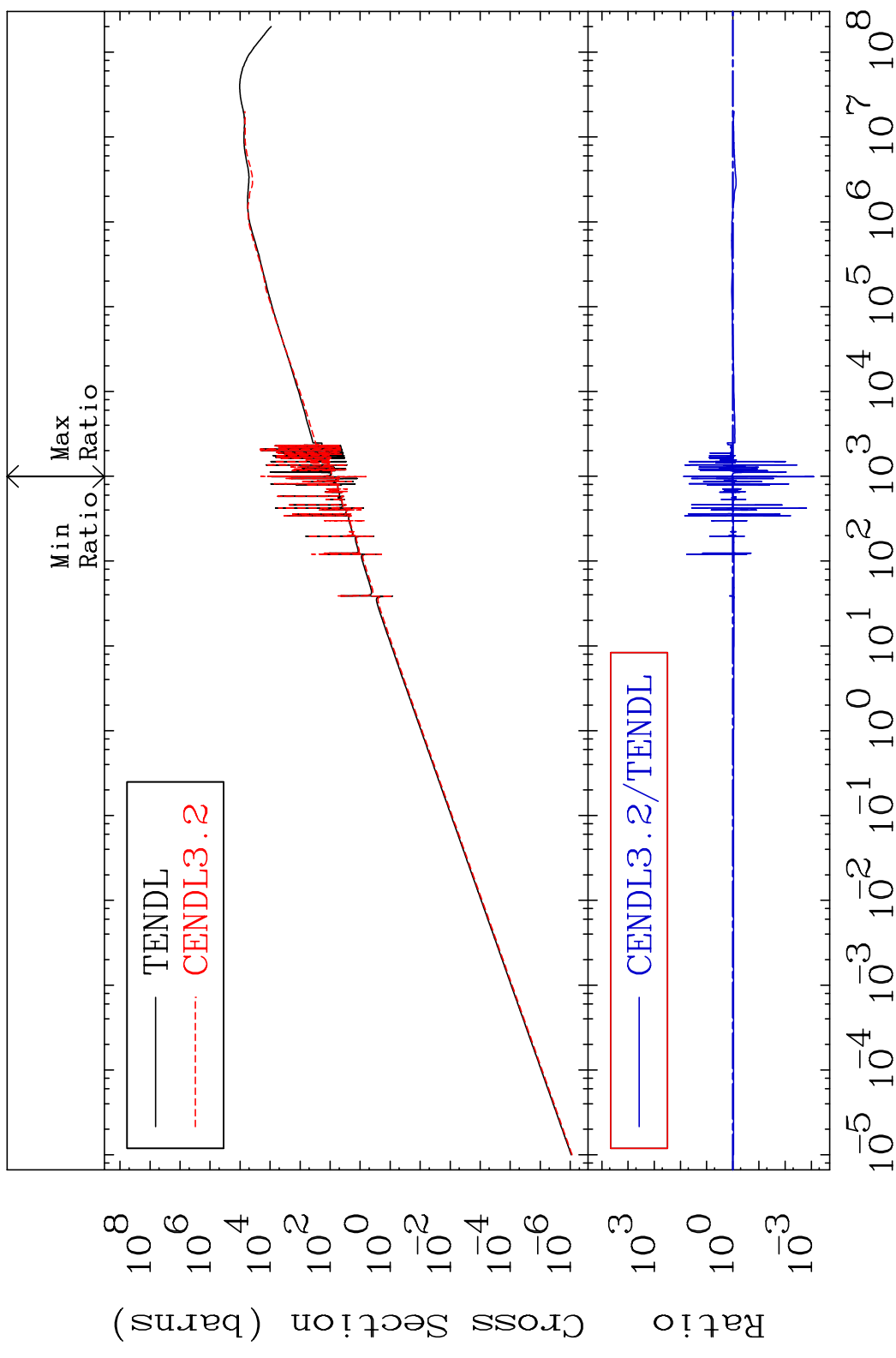
50-Sn-117

MAT 5040 Kerma total (eV-barns) 50-Sn-117
 Cross Section -99.40 To 9999. %

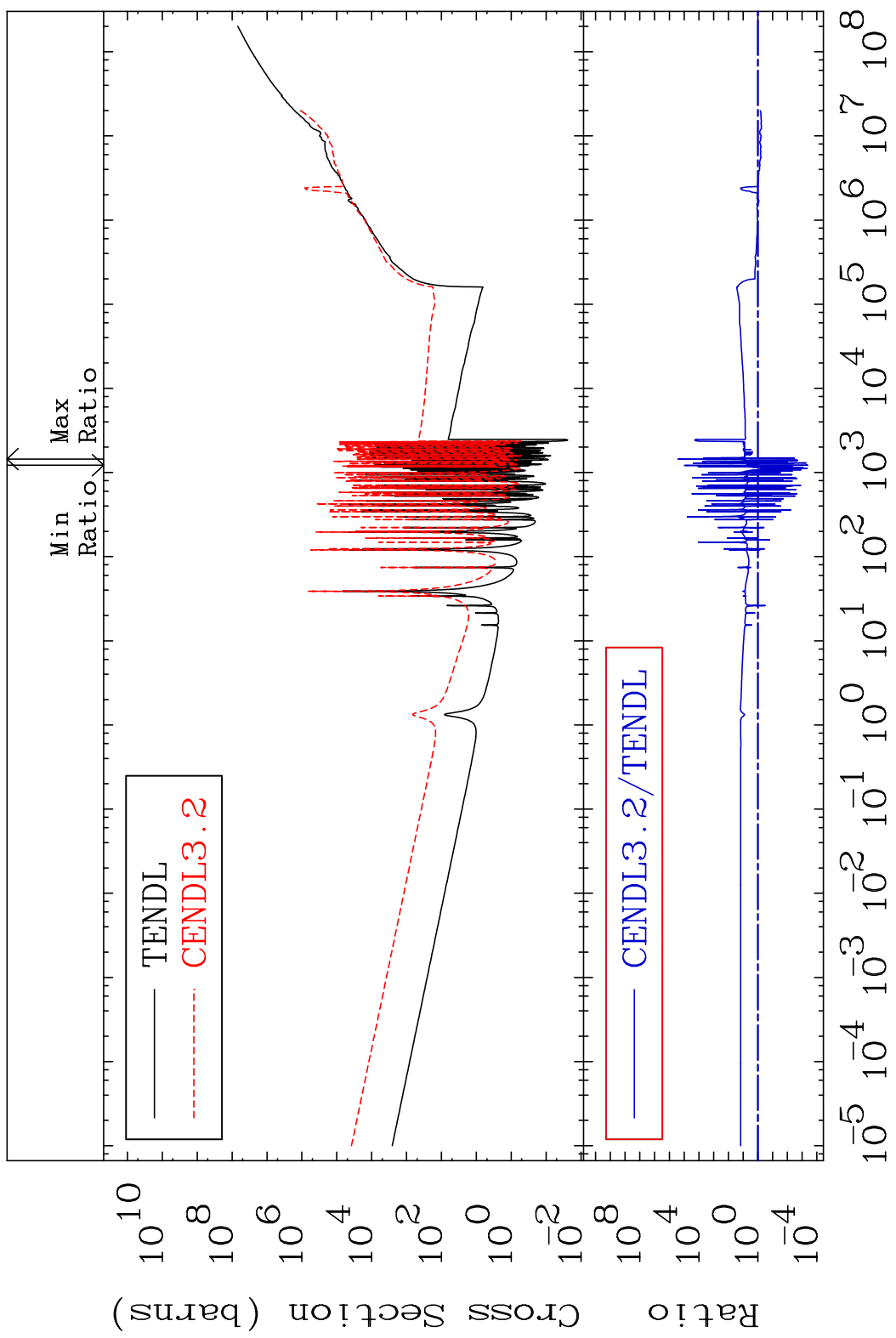


36 Incident Energy (eV) 50-Sn-117

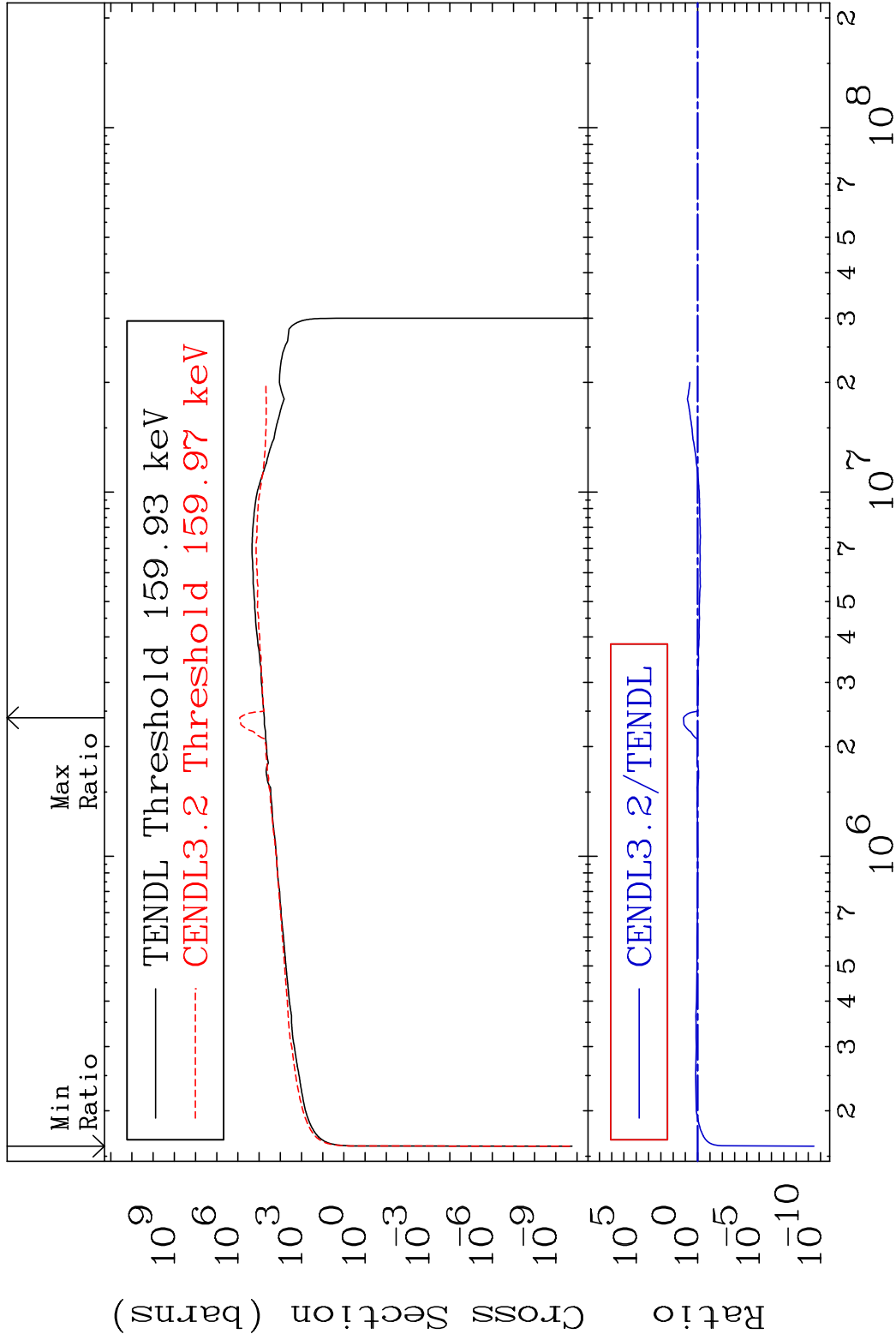
MAT 5040 Kerma elastic 50-Sn-117
 Cross Section -99.92 To 7576. %



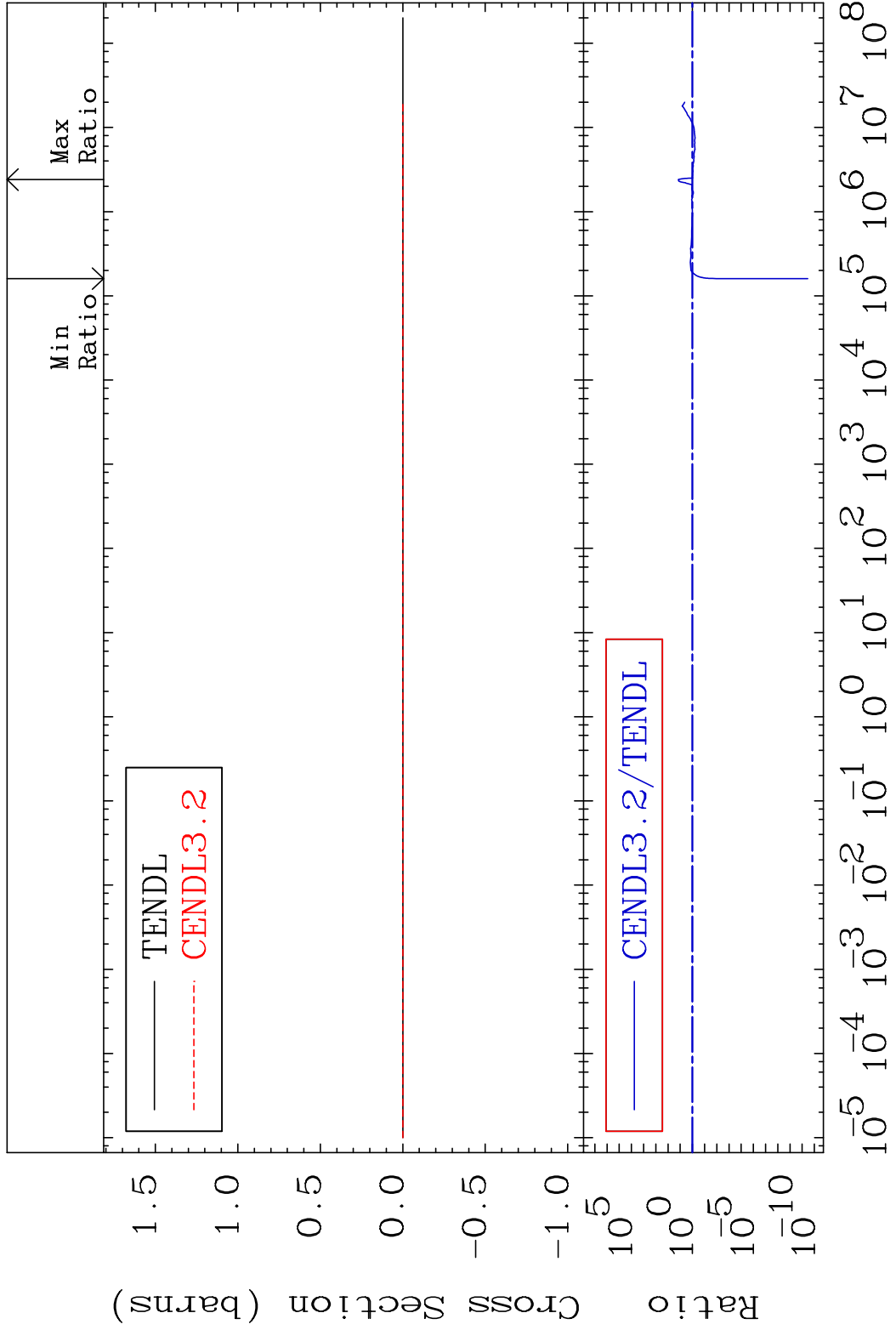
MAT 5040 Kerma non-elastic (all but mt2) 50-Sn-117
 Cross Section -99.96 To 9999. %



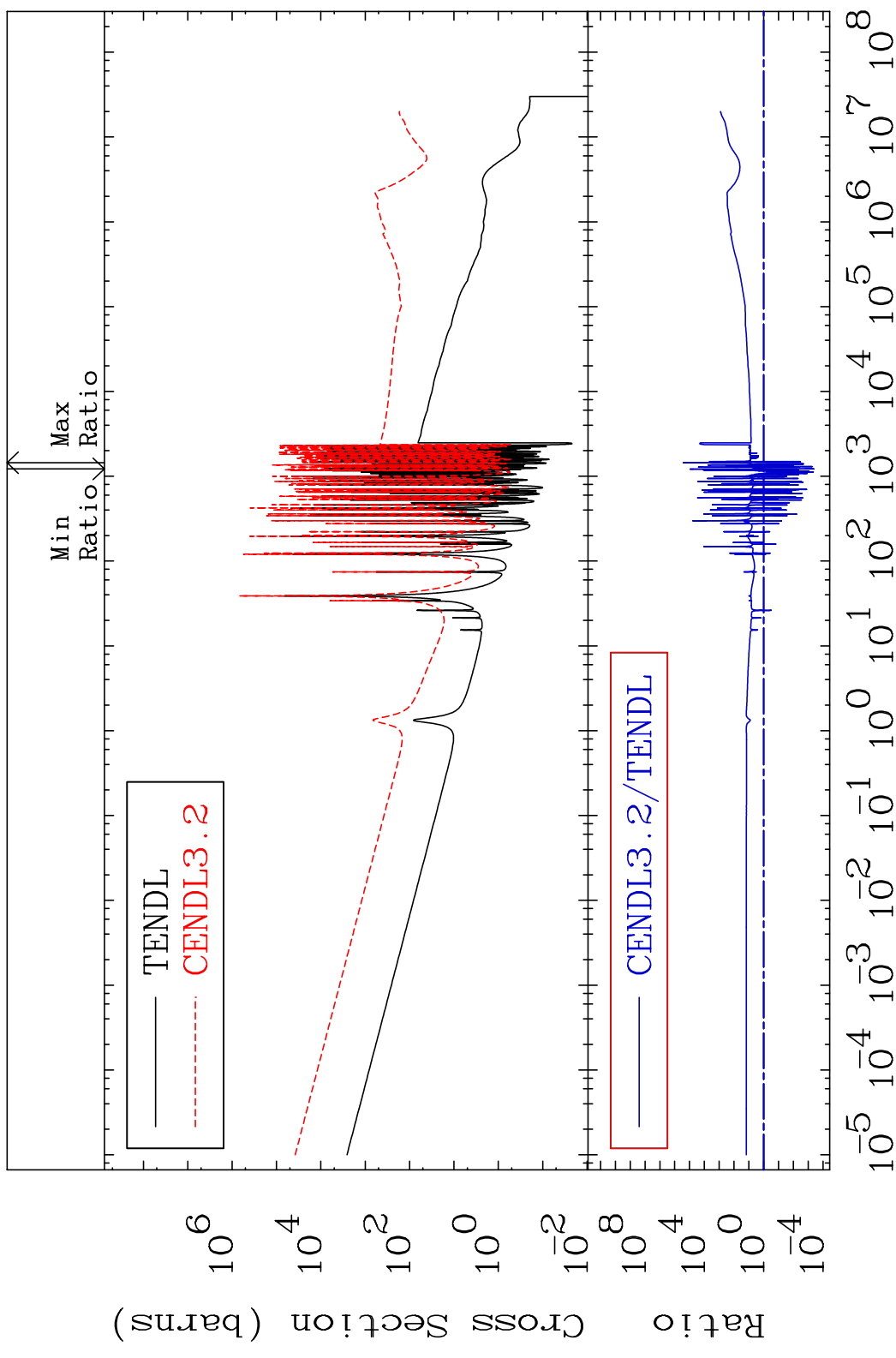
MAT 5040 Kerma inelastic (mt51-91) 50-Sn-117
 Cross Section -100.0 To 1342. %



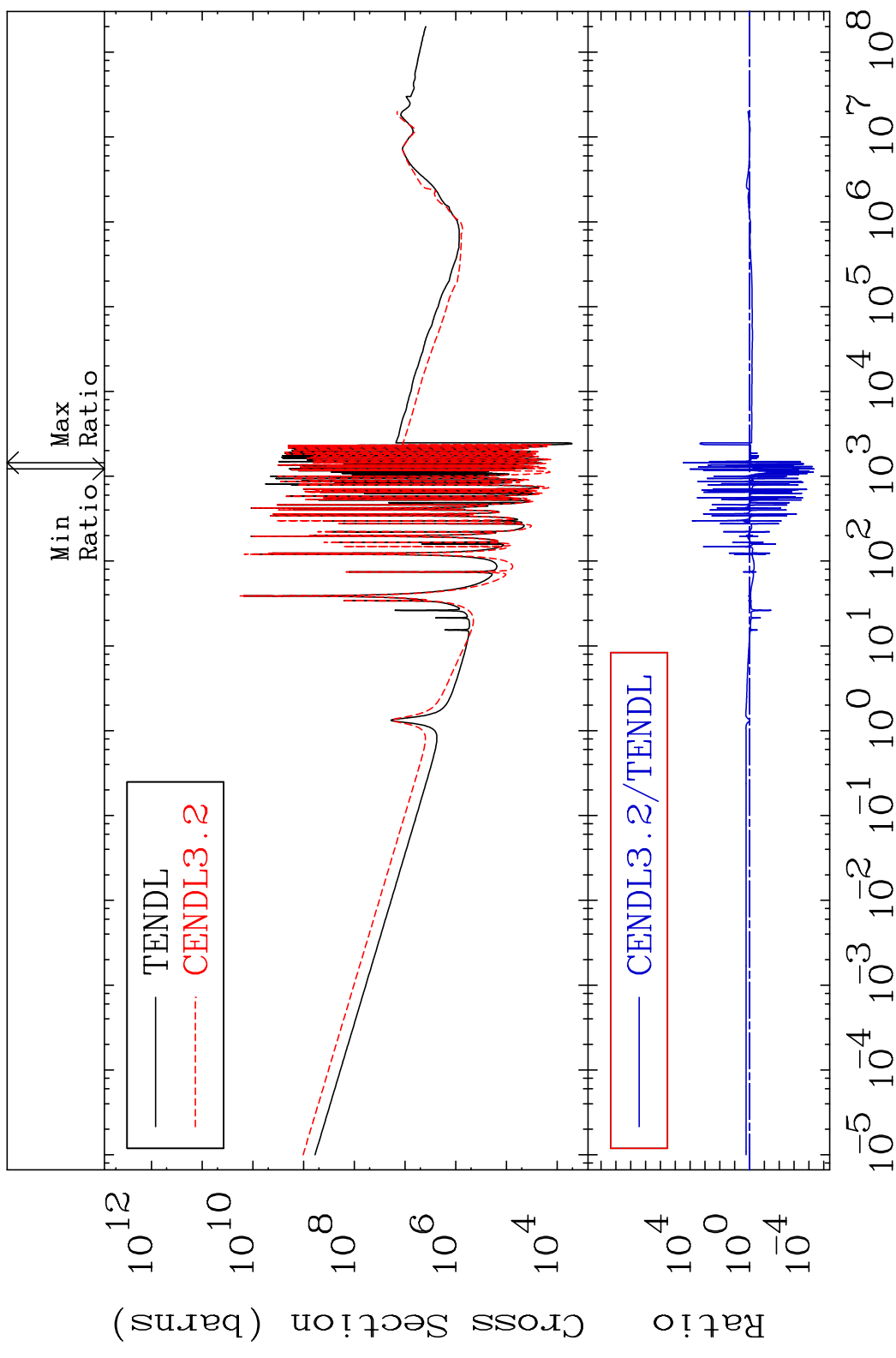
MAT 5040 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-117
 Cross Section -100.0 To 1342. %



MAT 5040 Kerma capture (mt102) 50-Sn-117
 Cross Section -99.96 To 9999. %

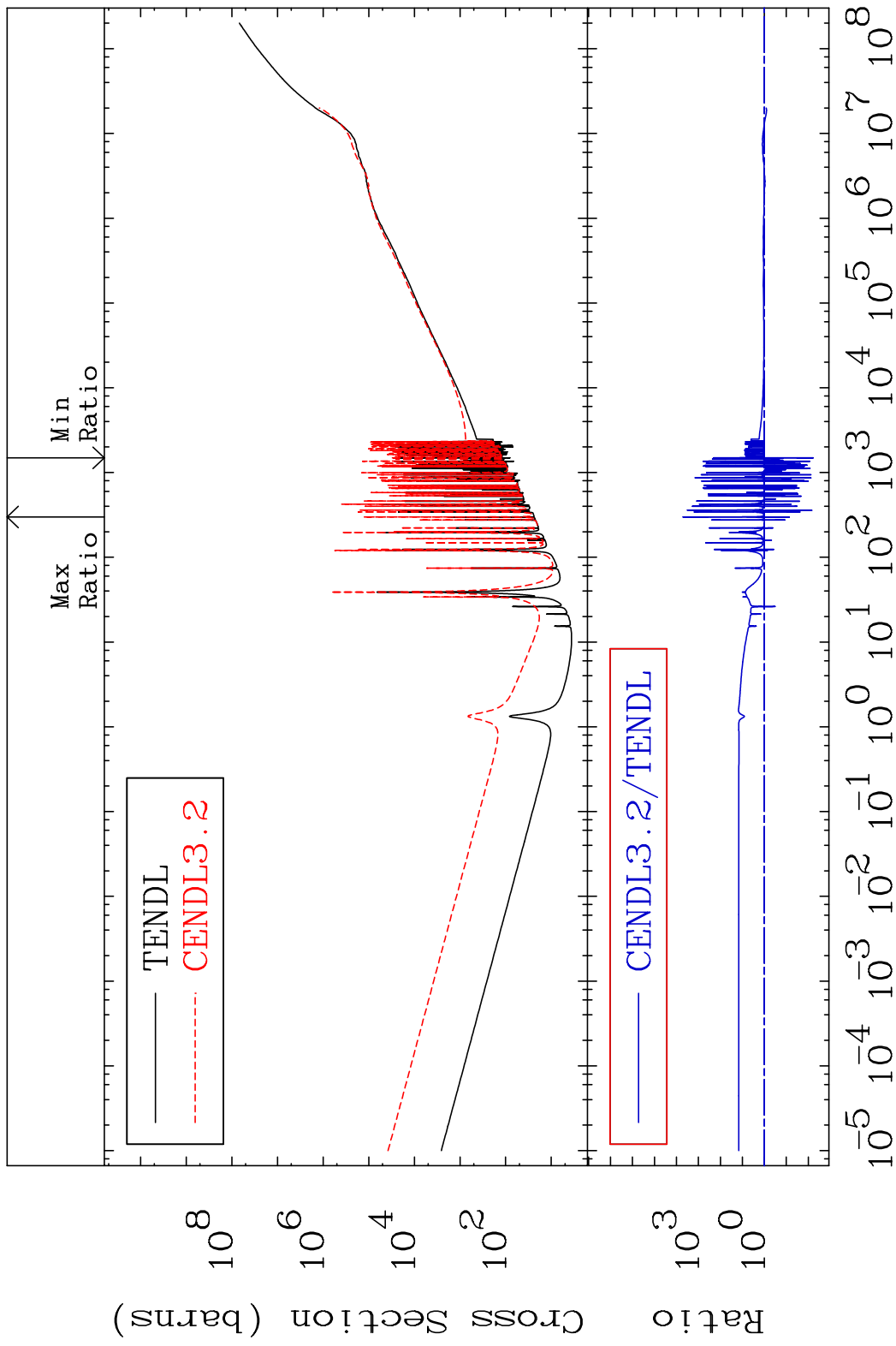


MAT 5040 Total photon (eV-barns) 50-Sn-117
 Cross Section -100.0 To 9999. %

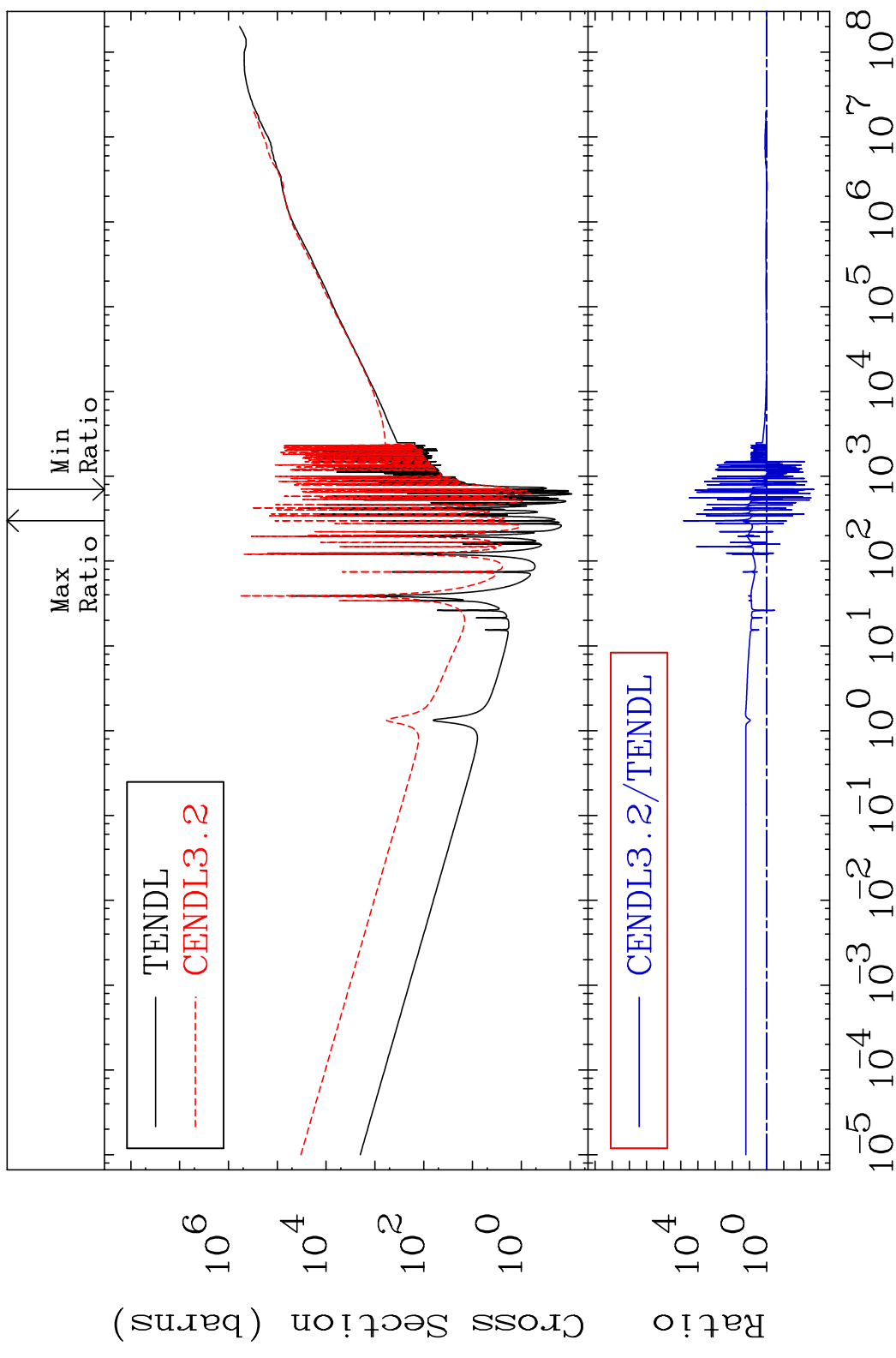


42 Incident Energy (eV) 50-Sn-117

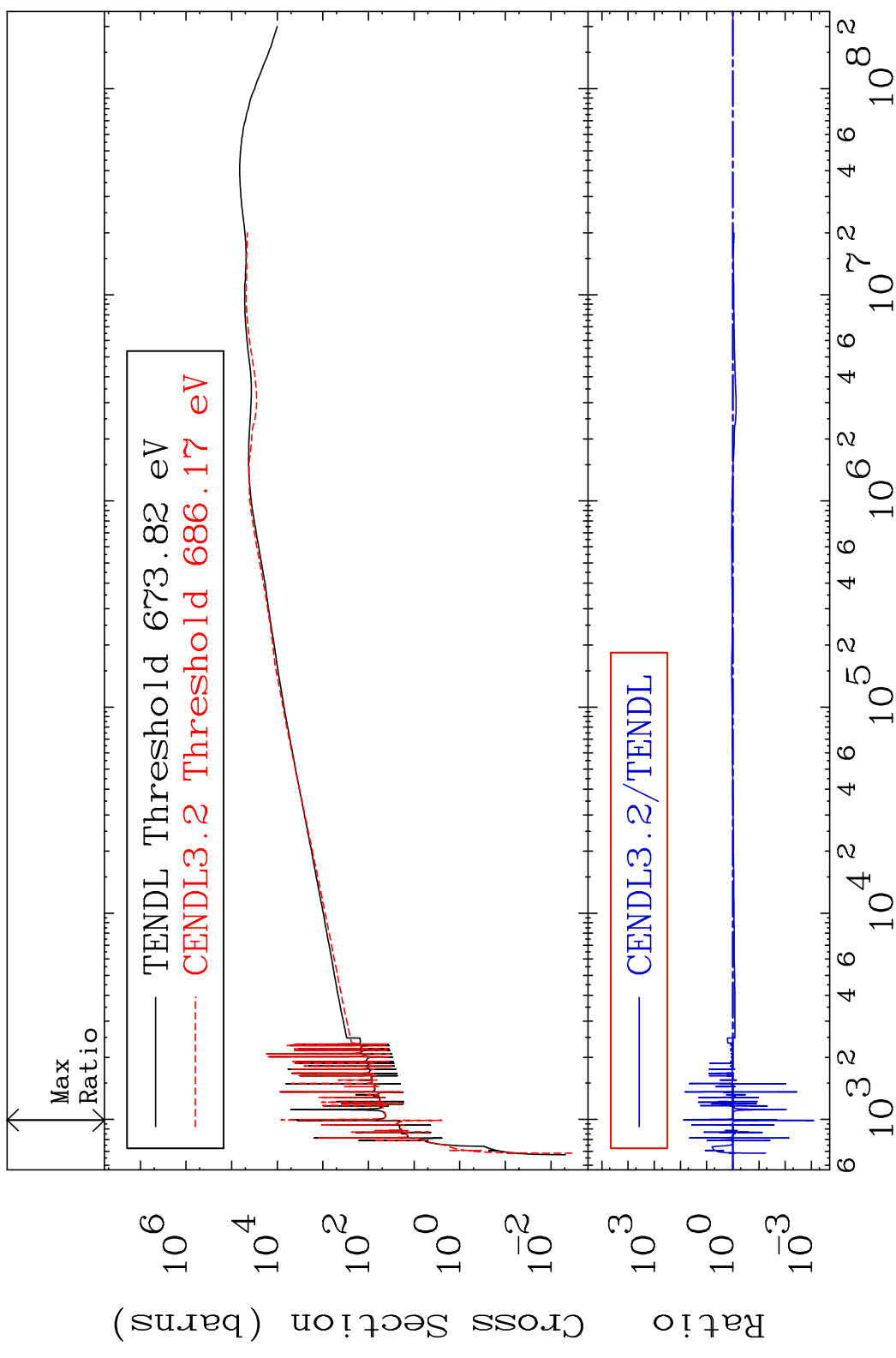
MAT 5040 Total kinematic kerma (high limit) 50-Sn-117
 Cross Section -99.40 To 9999. %



MAT 5040 Dpa total (eV-barns) 50-Sn-117
 Cross Section -99.82 To 9999. %

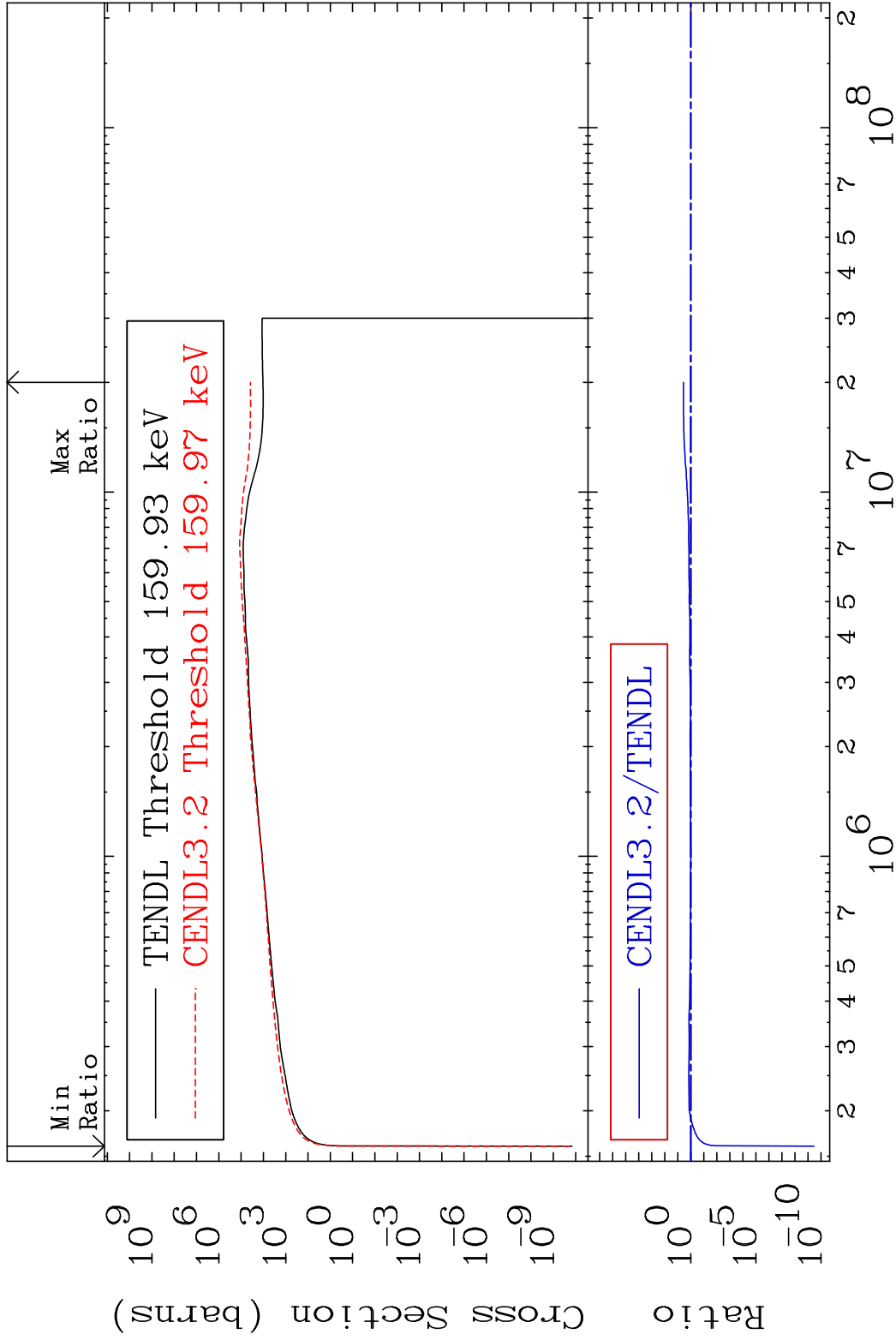


MAT 5040 Dpa elastic (mt2) 50-Sn-117
 Cross Section -99.92 To 7579. %

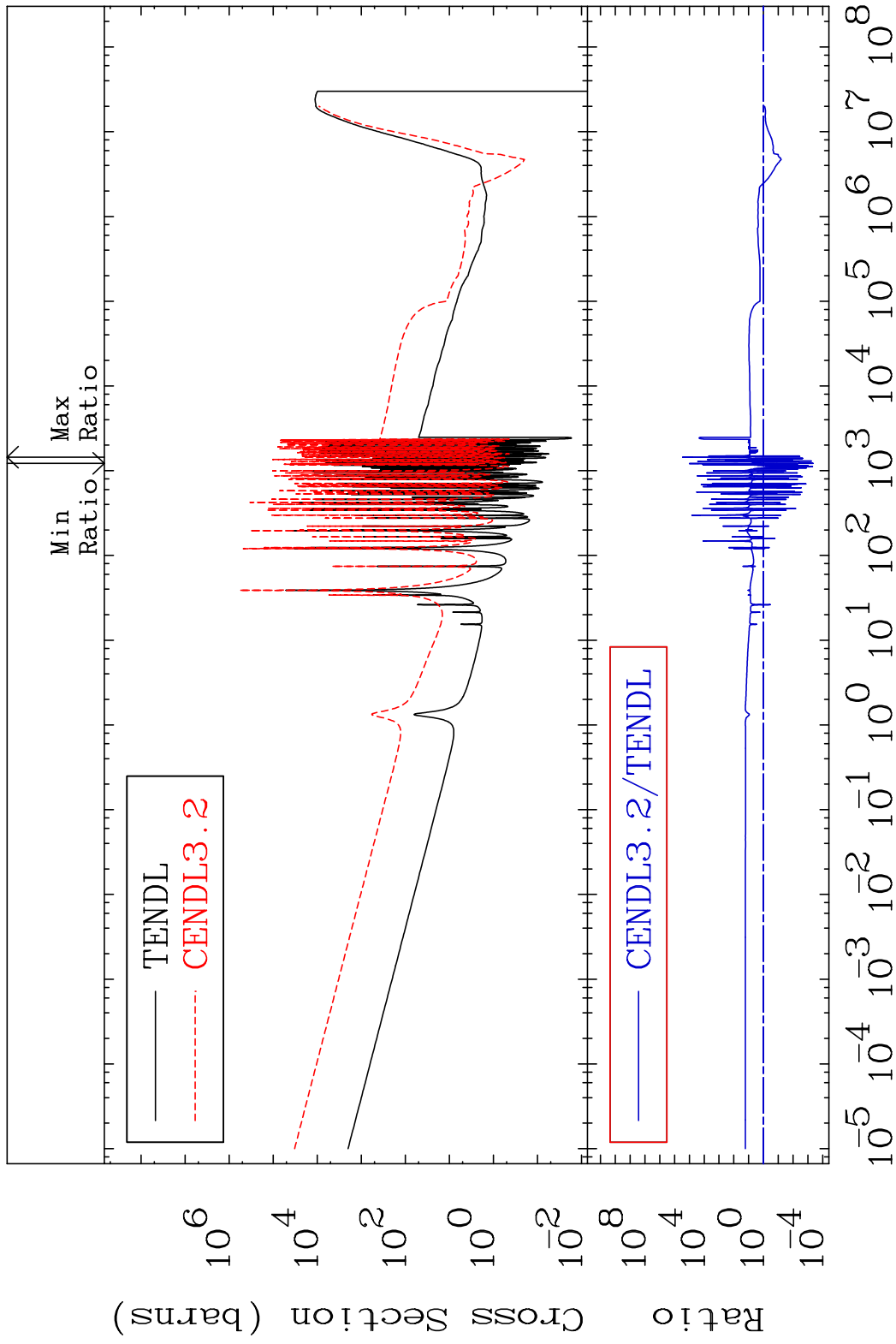


45 Incident Energy (eV) 50-Sn-117

MAT 5040 Dpa inelastic (mt51-91) 50-Sn-117
 Cross Section -100.0 To 270.1 %

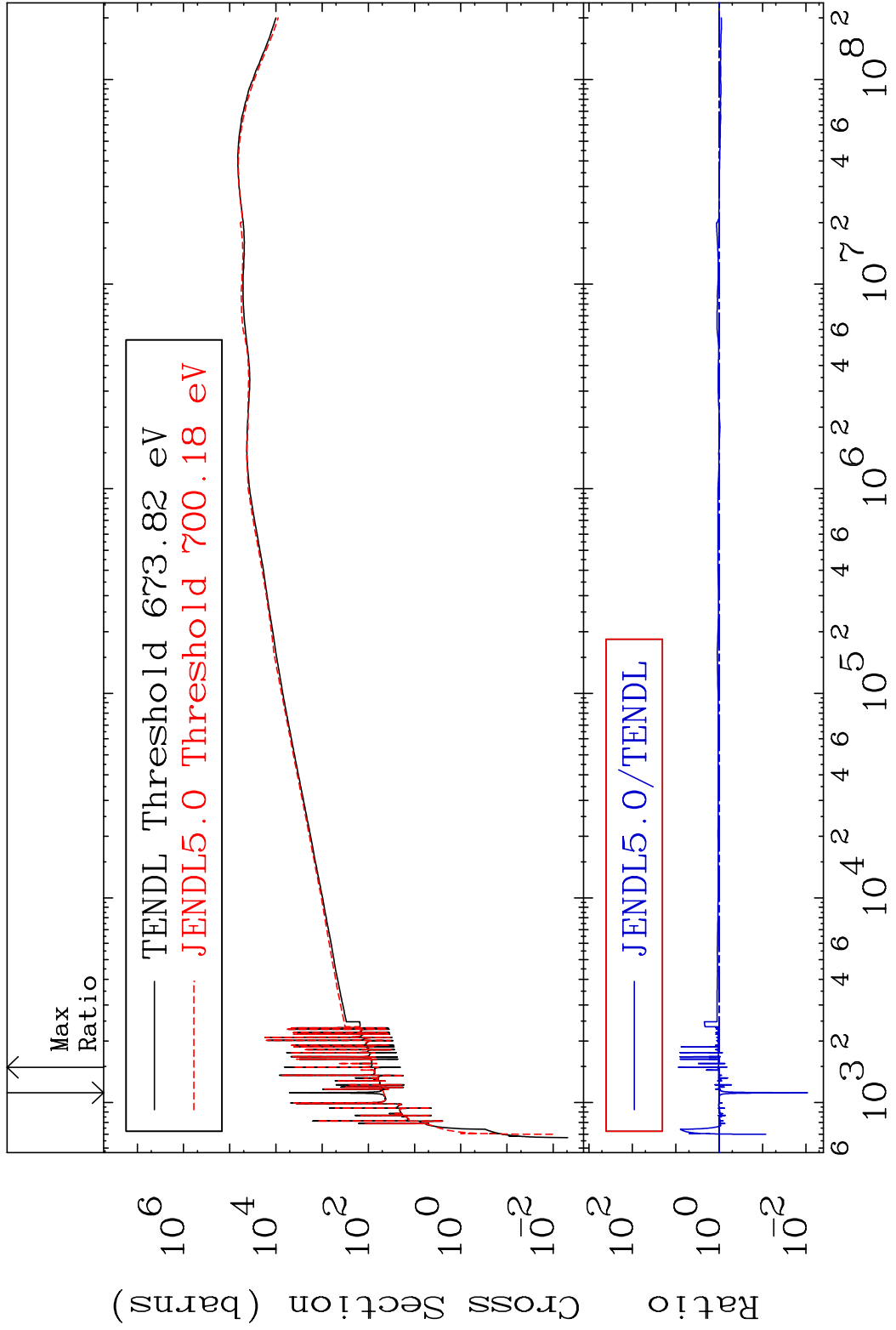


MAT 5040 Dpa disappearance (mt102 -120) 50-Sn-117
 Cross Section -99.96 To 9999. %

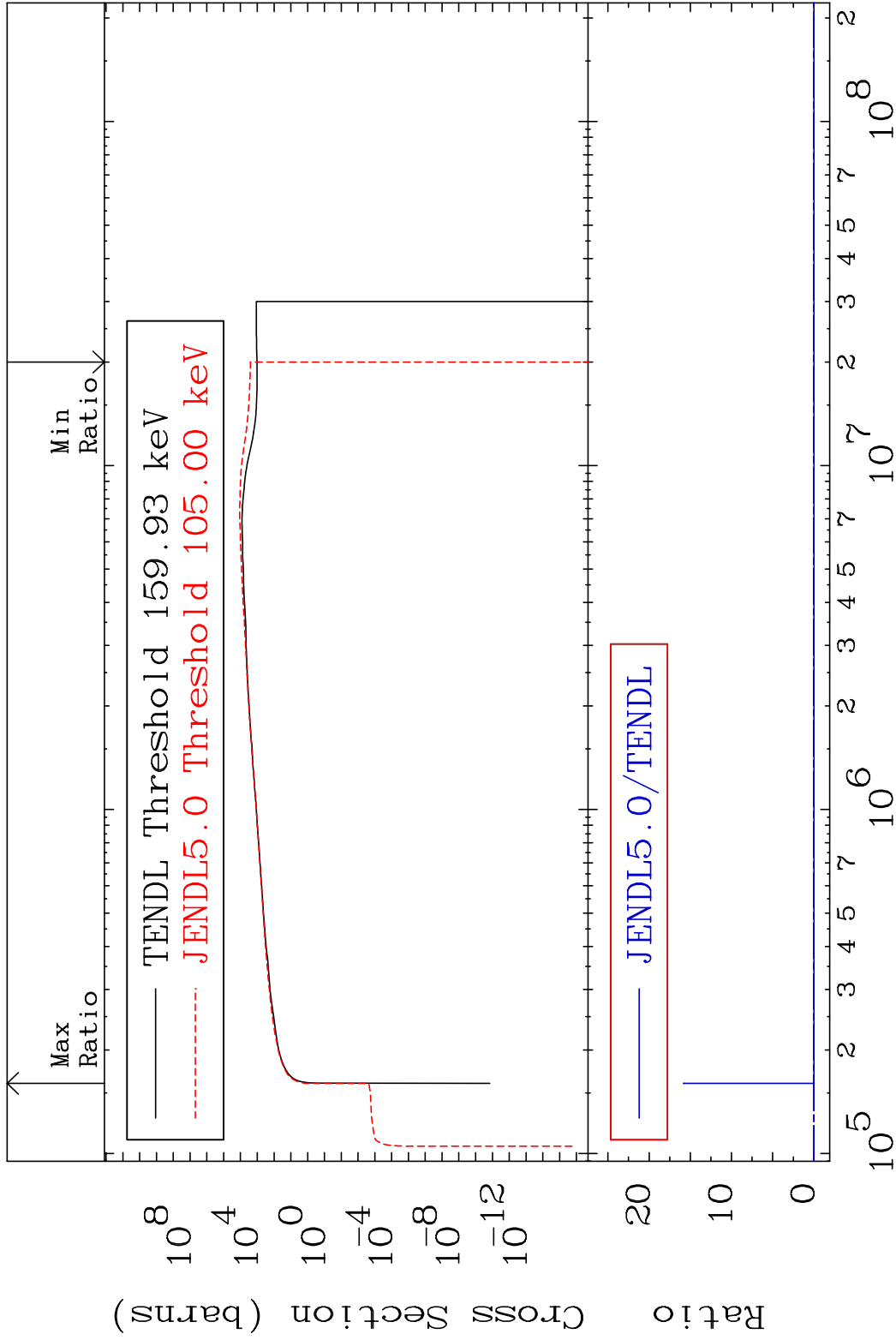


47 Incident Energy (eV) 50-Sn-117

MAT 5040 Dpa elastic (mt2) 50-Sn-117
 Cross Section -99.09 To 776.2 %

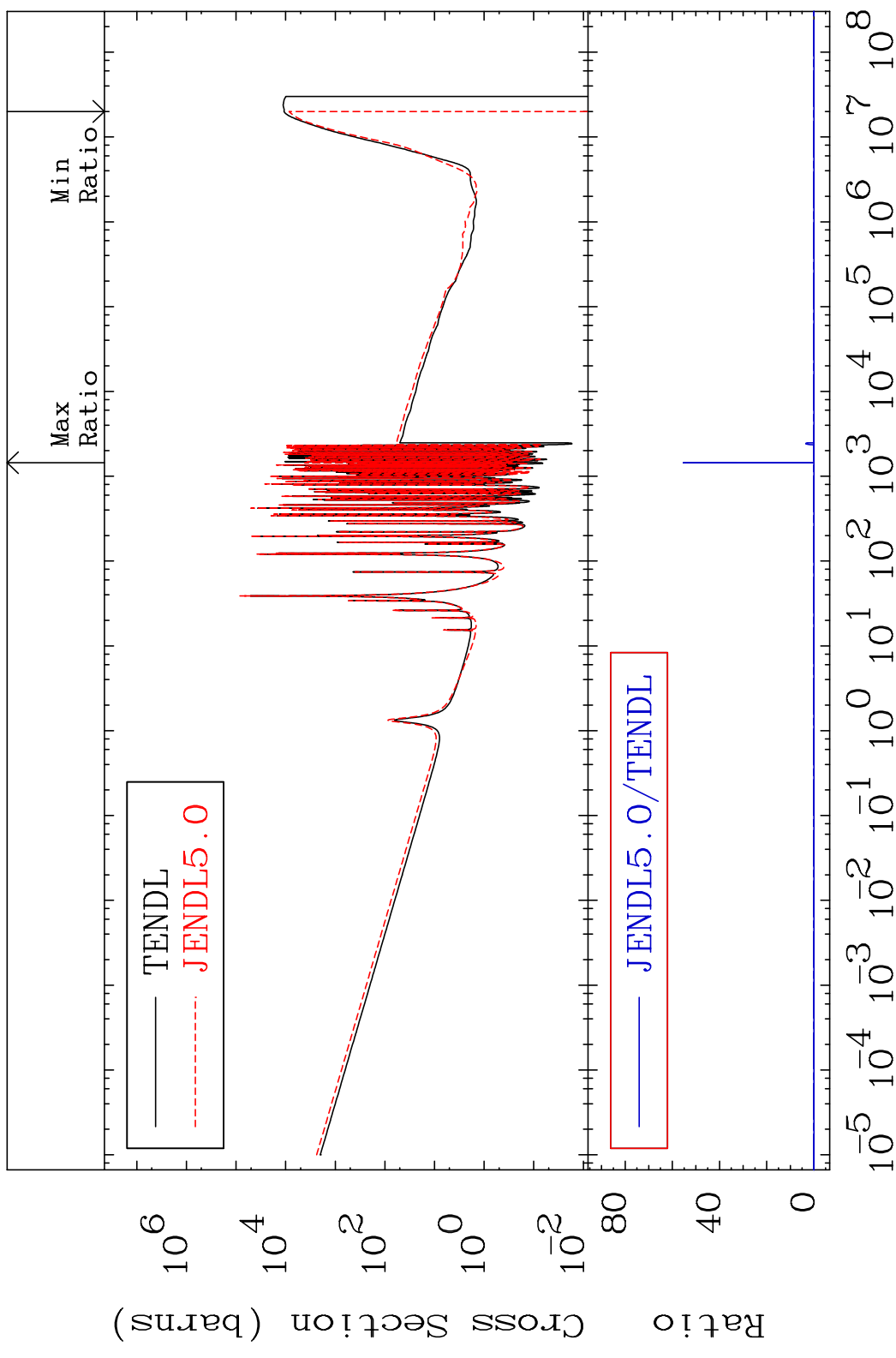


MAT 5040 Dpa inelastic (mt51-91) 50-Sn-117
 Cross Section -100.0 To 9999. %



49 Incident Energy (eV) 50-Sn-117

MAT 5040 Dpa disappearance (mt102 -120) 50-Sn-117
 Cross Section -100.0 To 9999. %



50 Incident Energy (eV) 50-Sn-117