

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

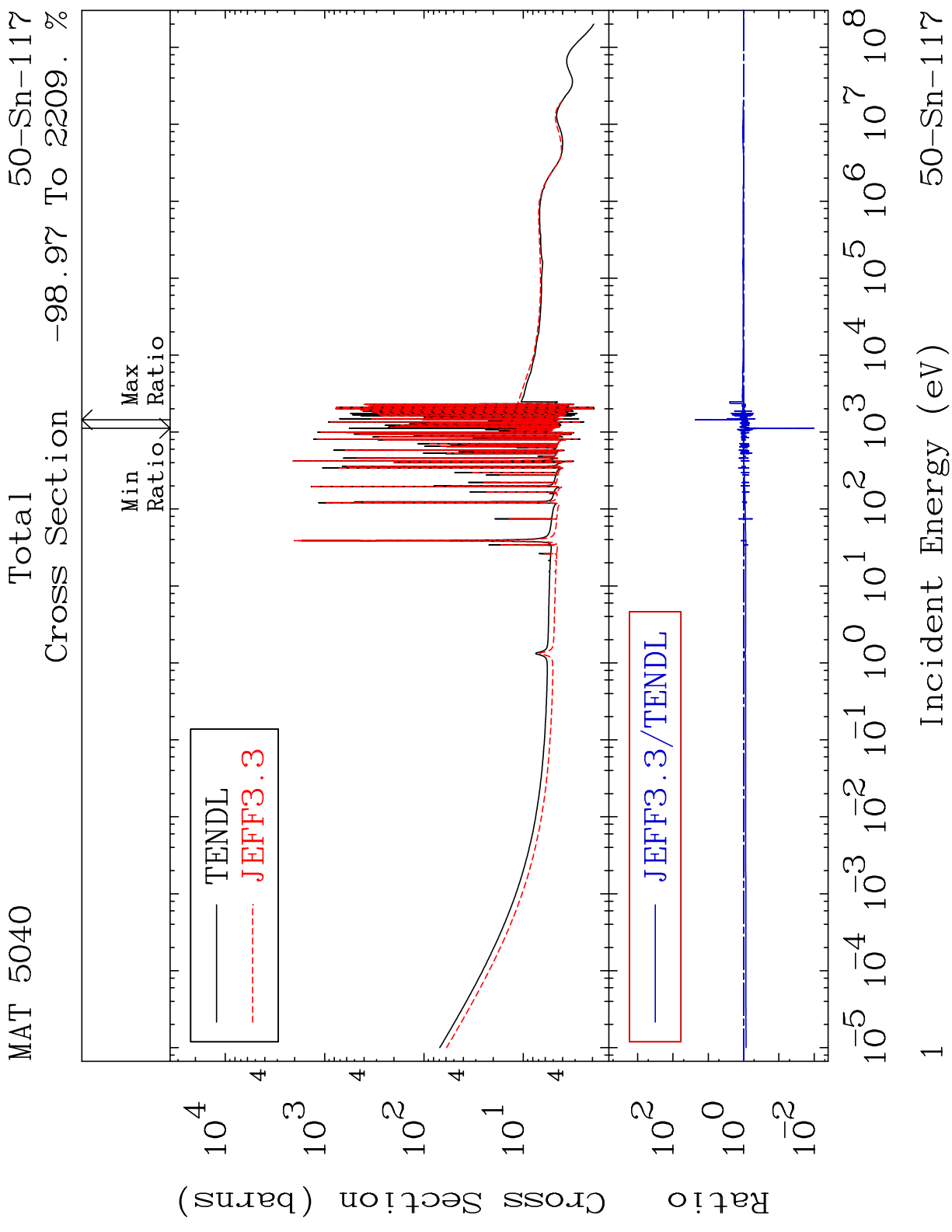
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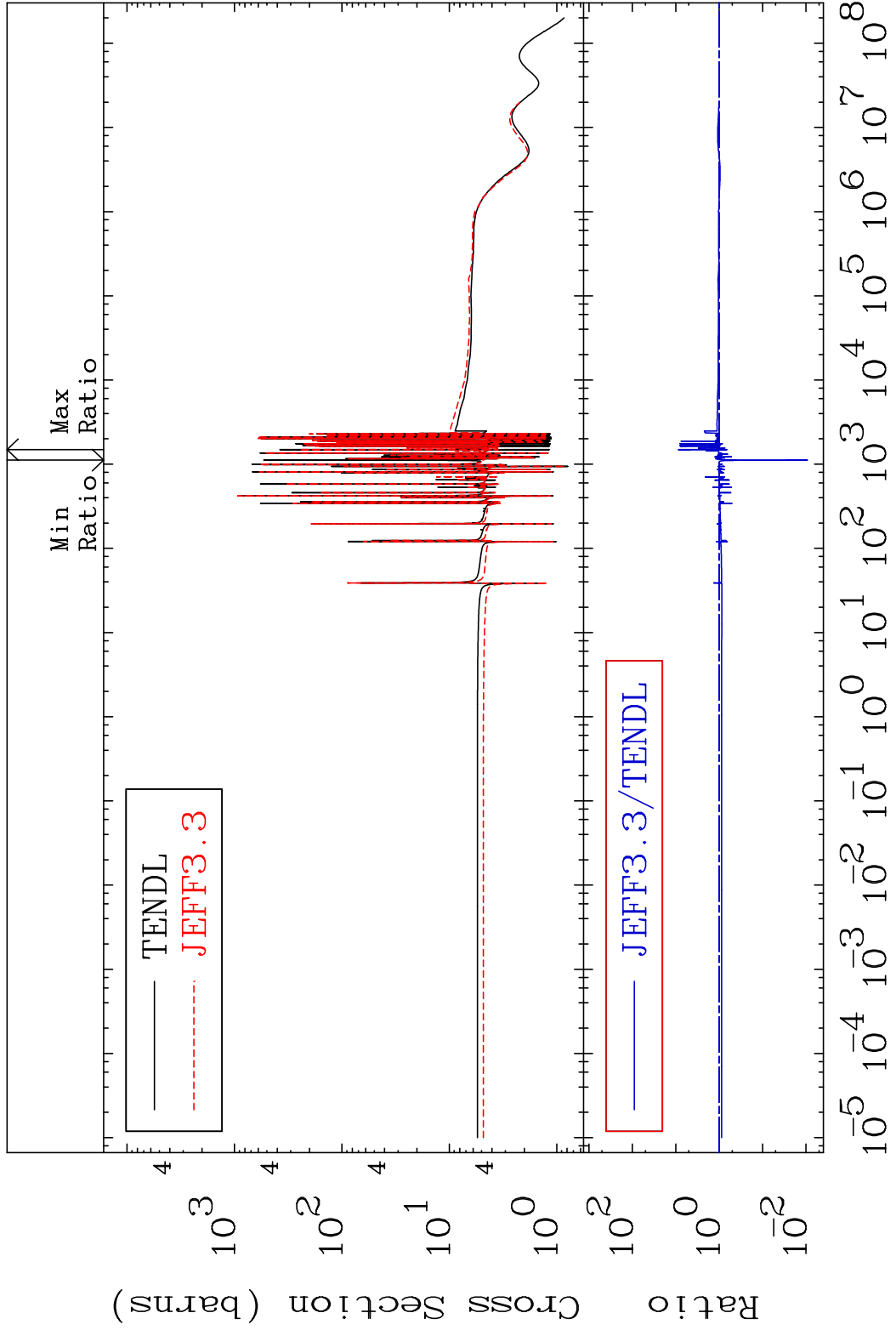
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



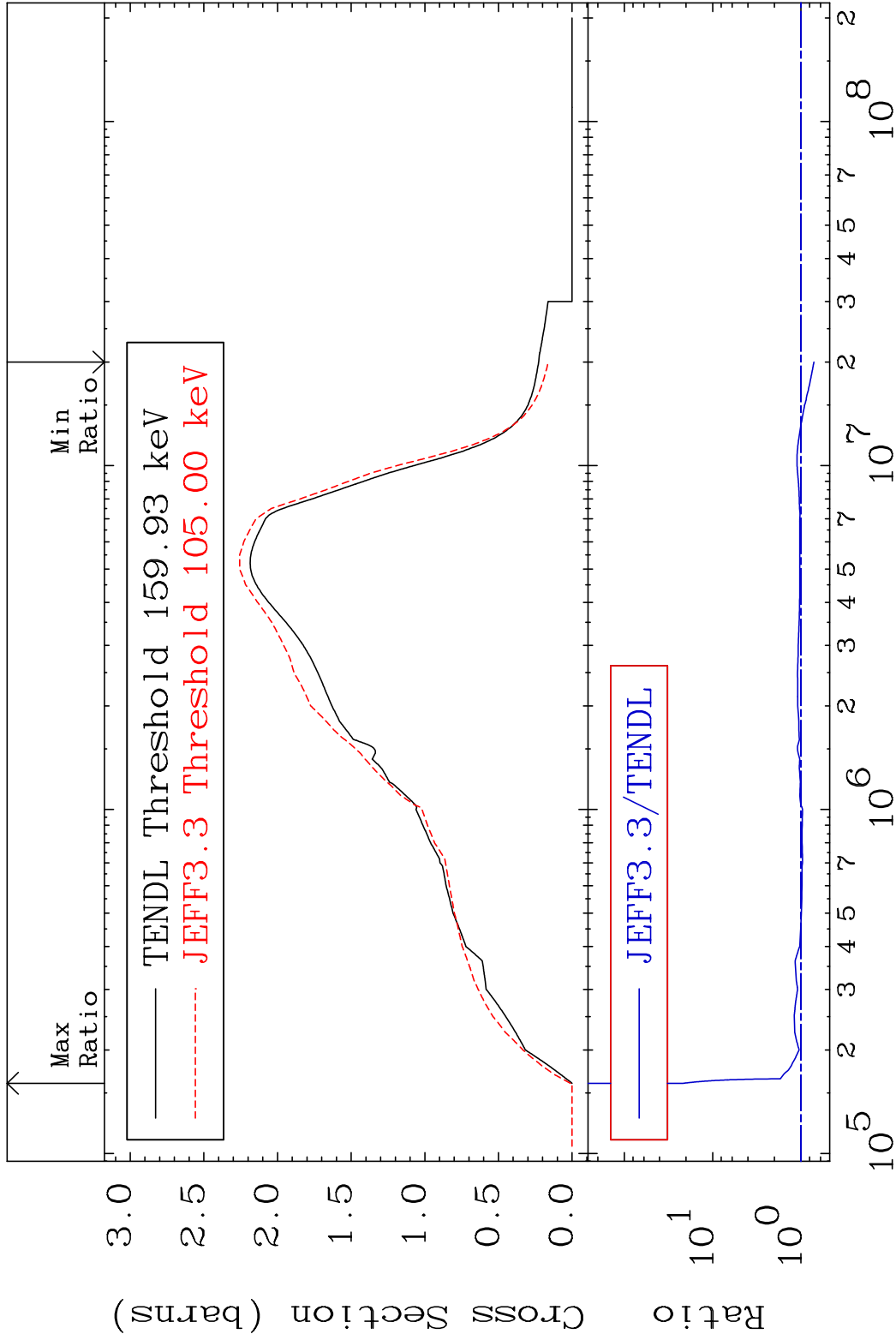
1 Incident Energy (eV) 50-Sn-117

MAT 5040 Elastic Cross Section -99.09 To 775.7 % 50-Sn-117



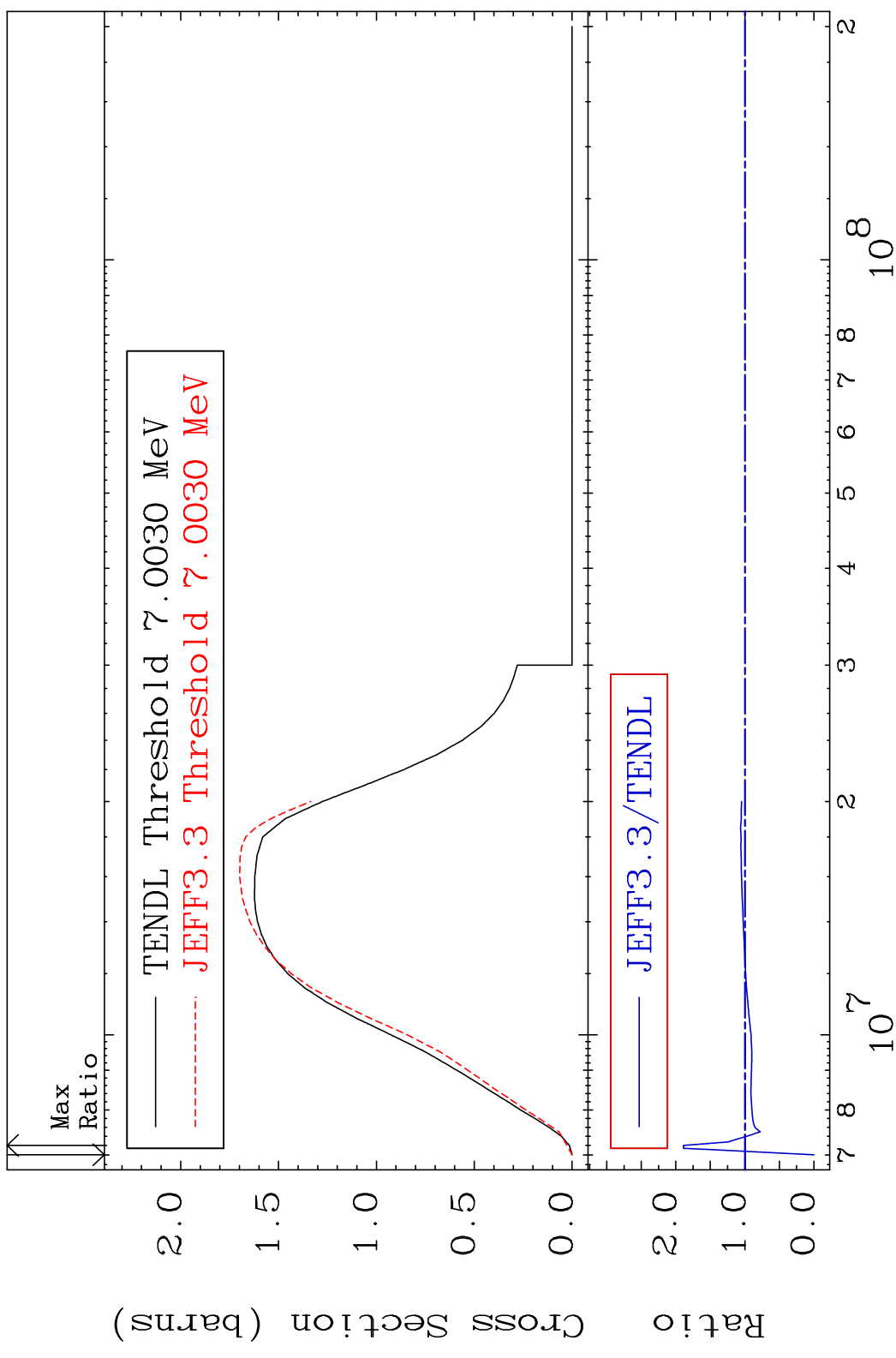
2 Incident Energy (eV) 50-Sn-117

MAT 5040 Inelastic 50-Sn-117
 Cross Section -28.55 To 2041. %

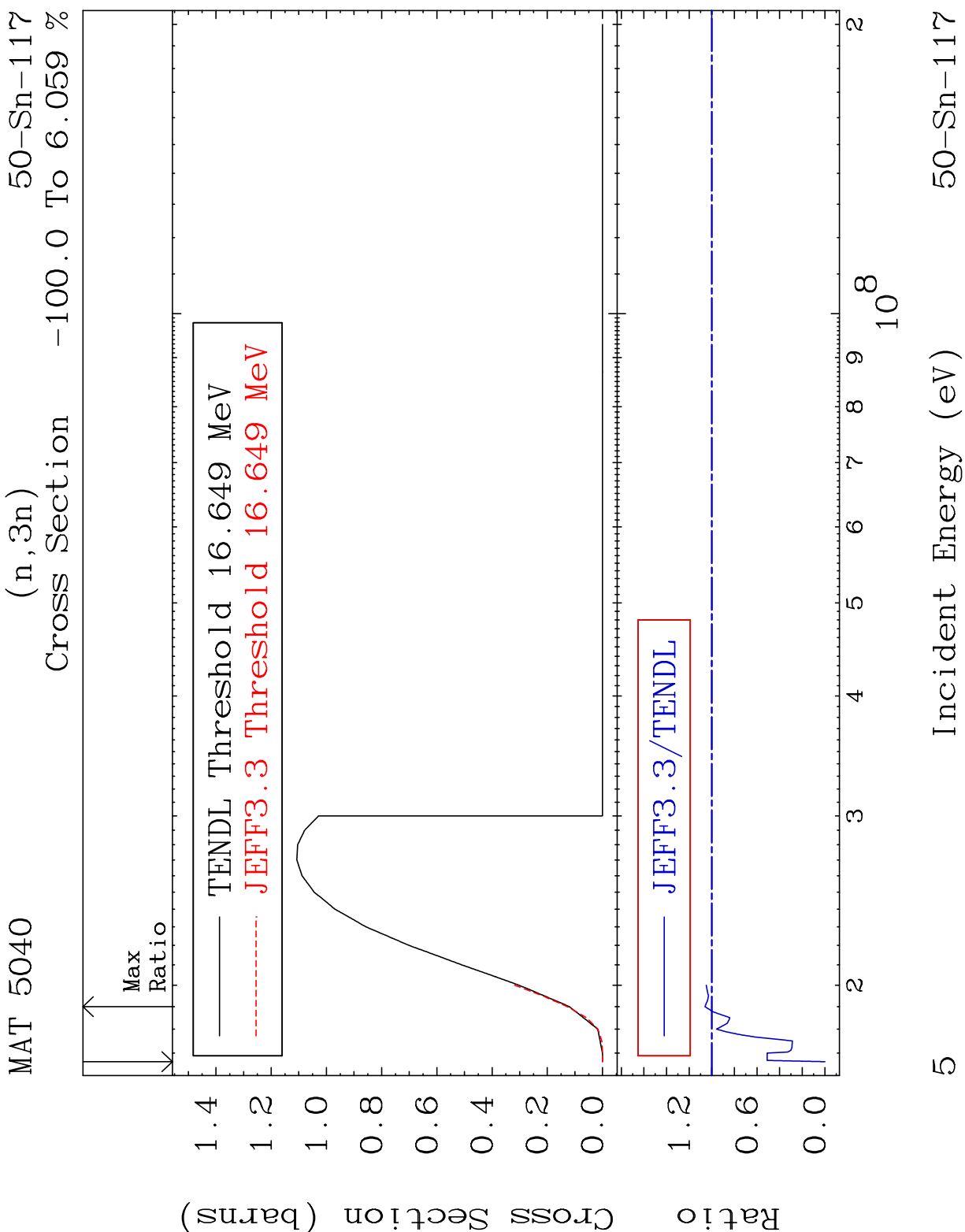


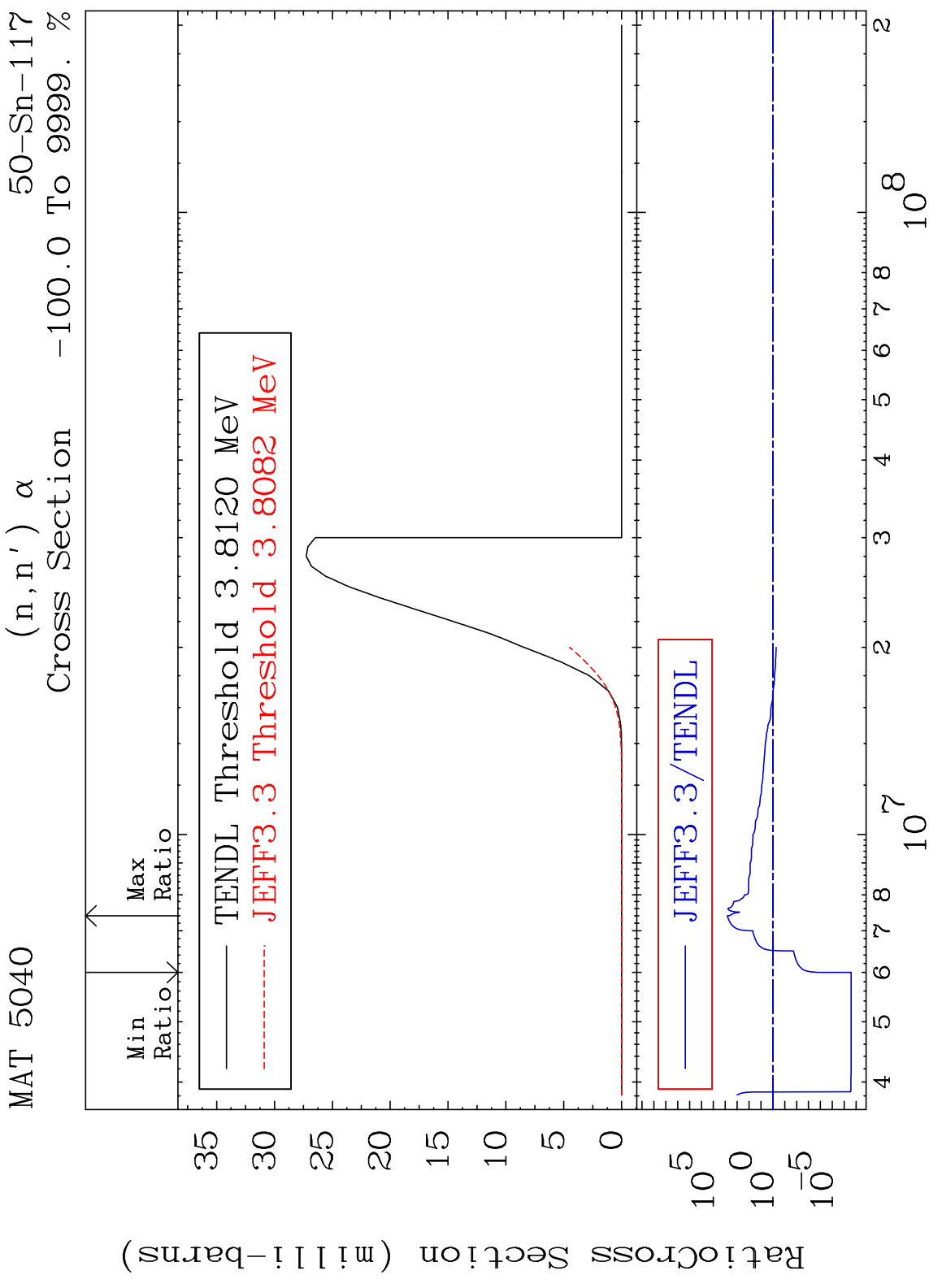
3 Incident Energy (eV) 50-Sn-117

MAT 5040 (n,2n) 50-Sn-117
Cross Section -100.0 To 88.91 %

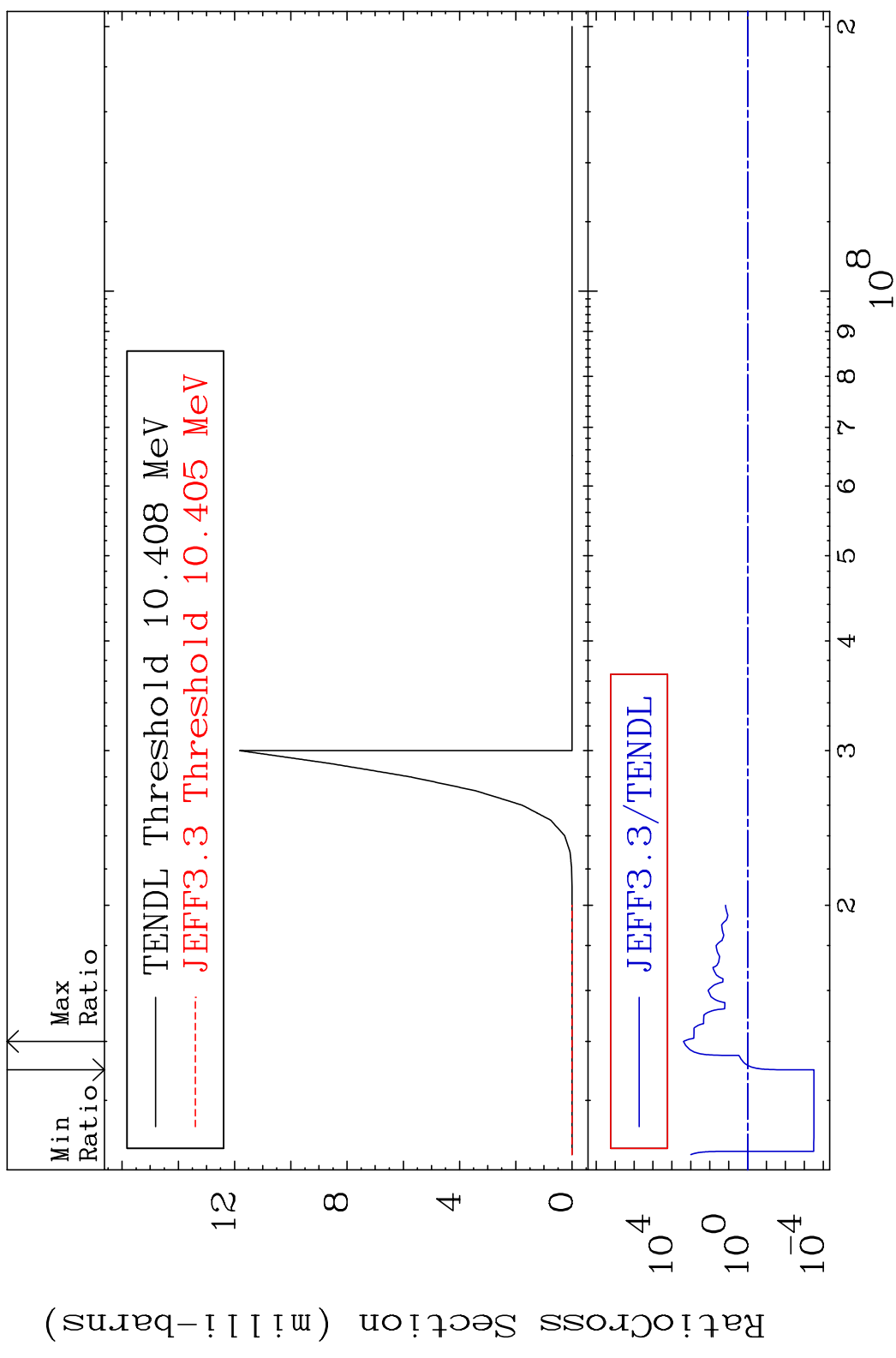


4 Incident Energy (eV) 50-Sn-117

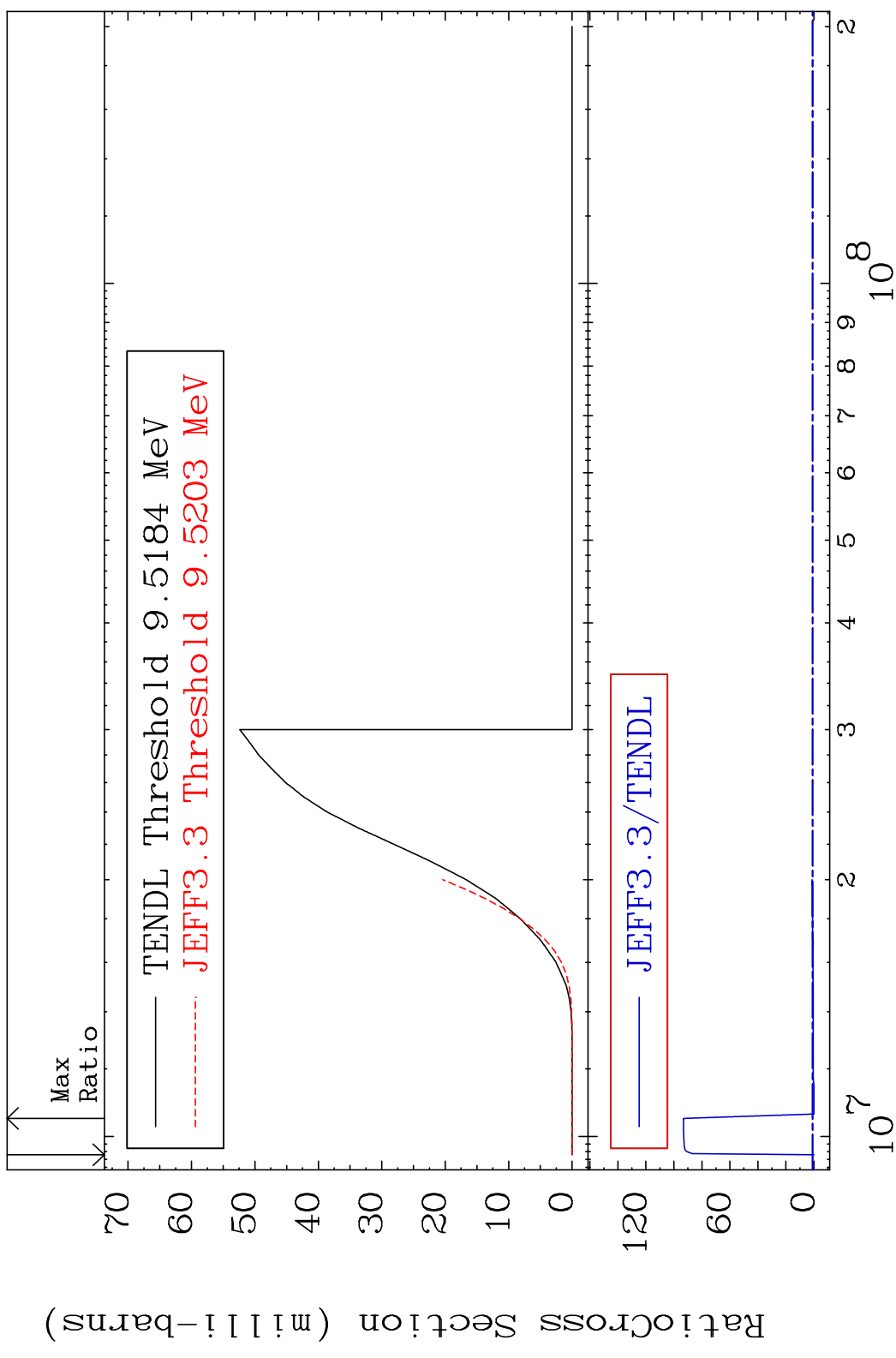




MAT 5040 (n,2n) α 50-Sn-117
 Cross Section -99.97 To 9999. %

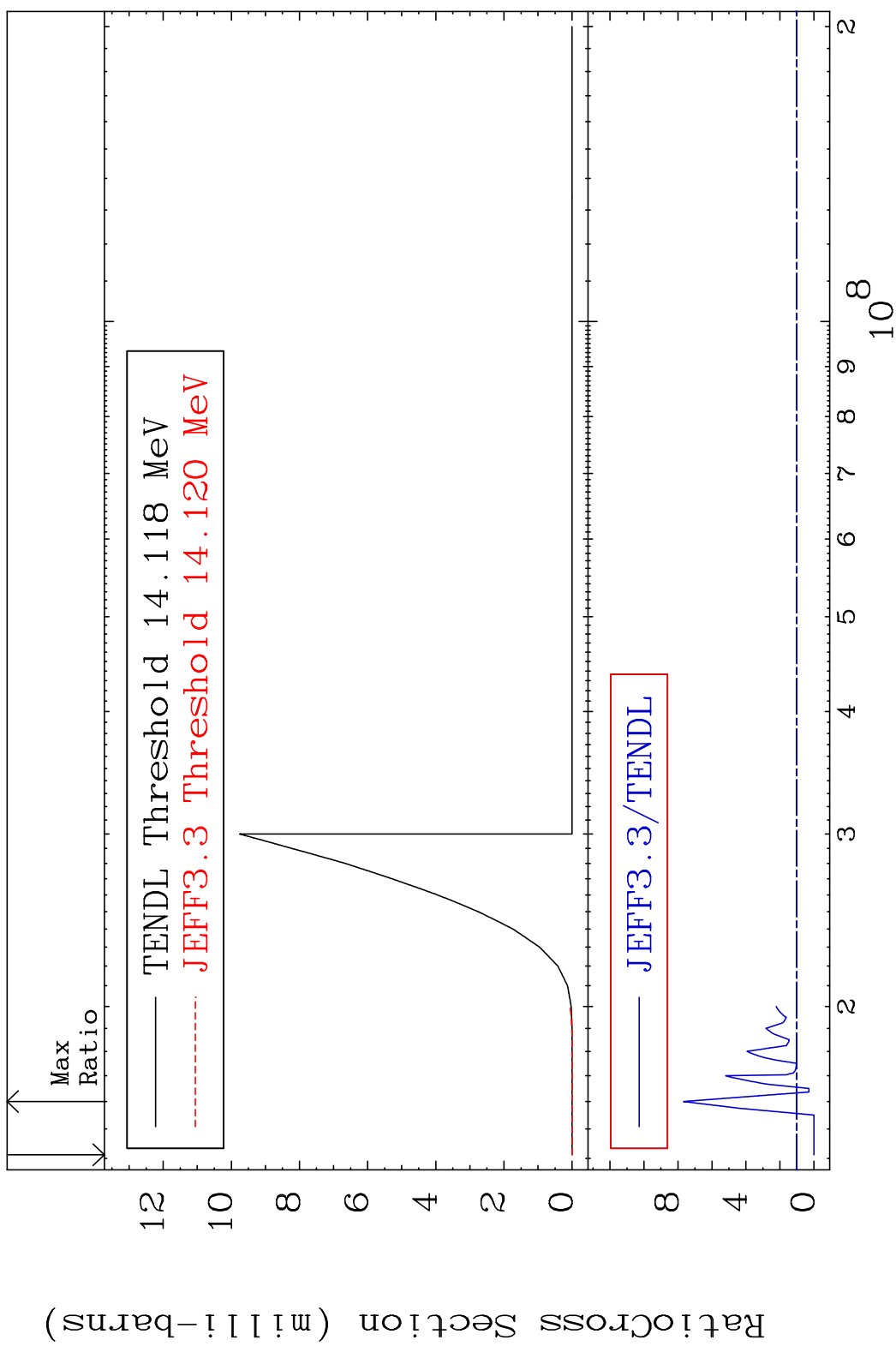


MAT 5040 (n, n') p 50-Sn-117
Cross Section -100.0 To 9218. %

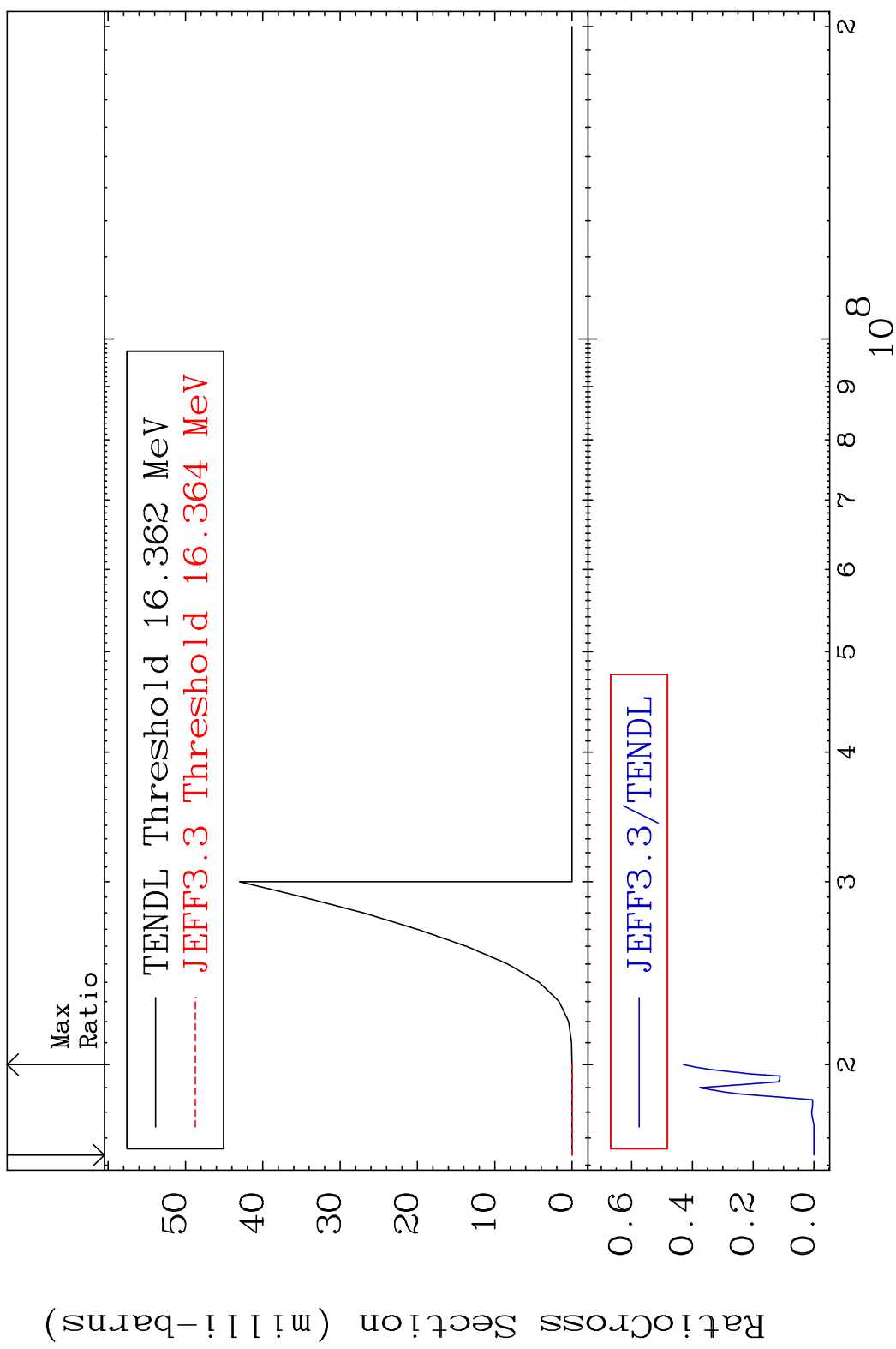


8 10⁷ 2 10⁸ 50-Sn-117

MAT 5040 (n, n') d 50-Sn-117
 Cross Section -100.0 To 667.6 %

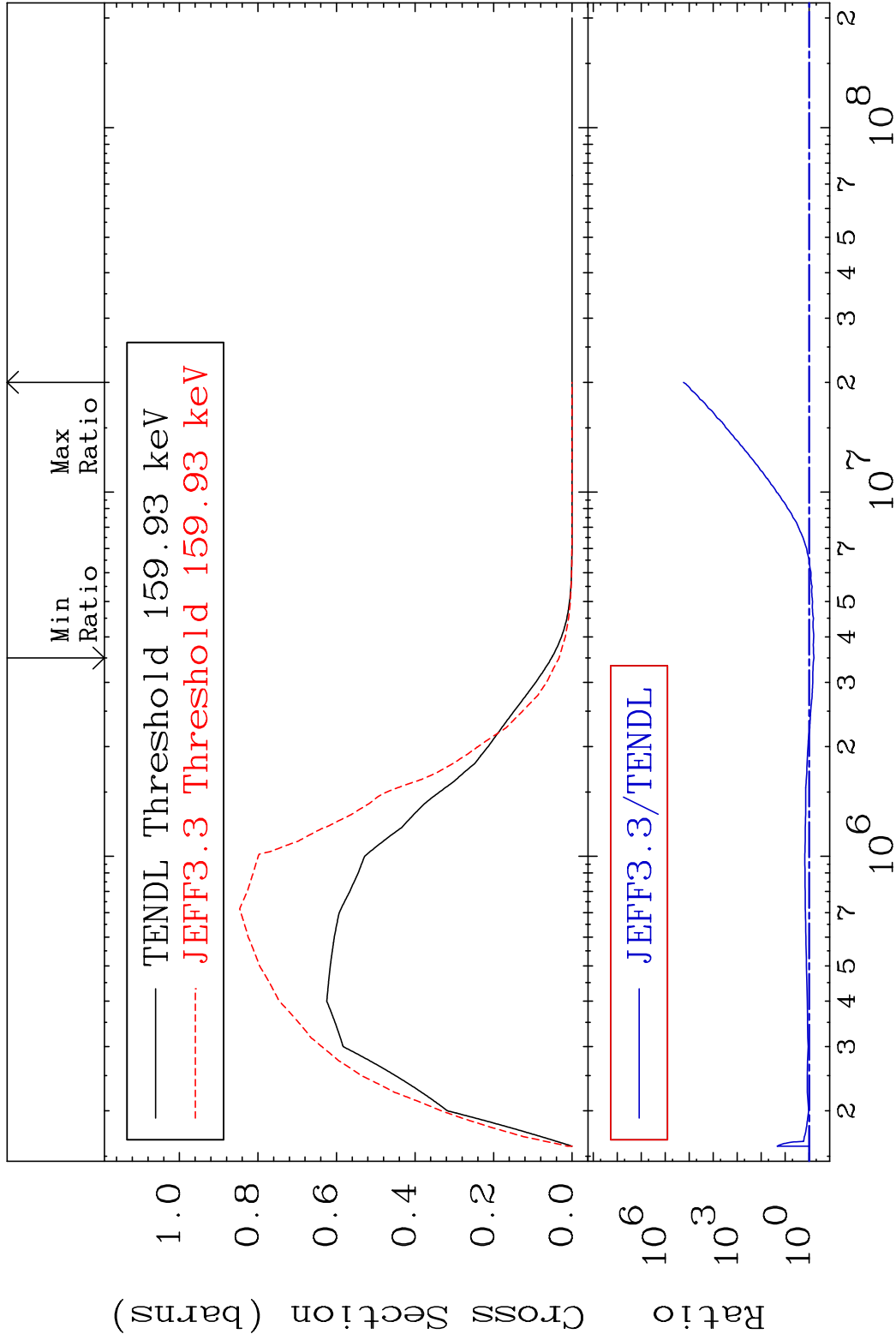


MAT 5040 (n,2n) p 50-Sn-117
 Cross Section -100.0 To -57.07%



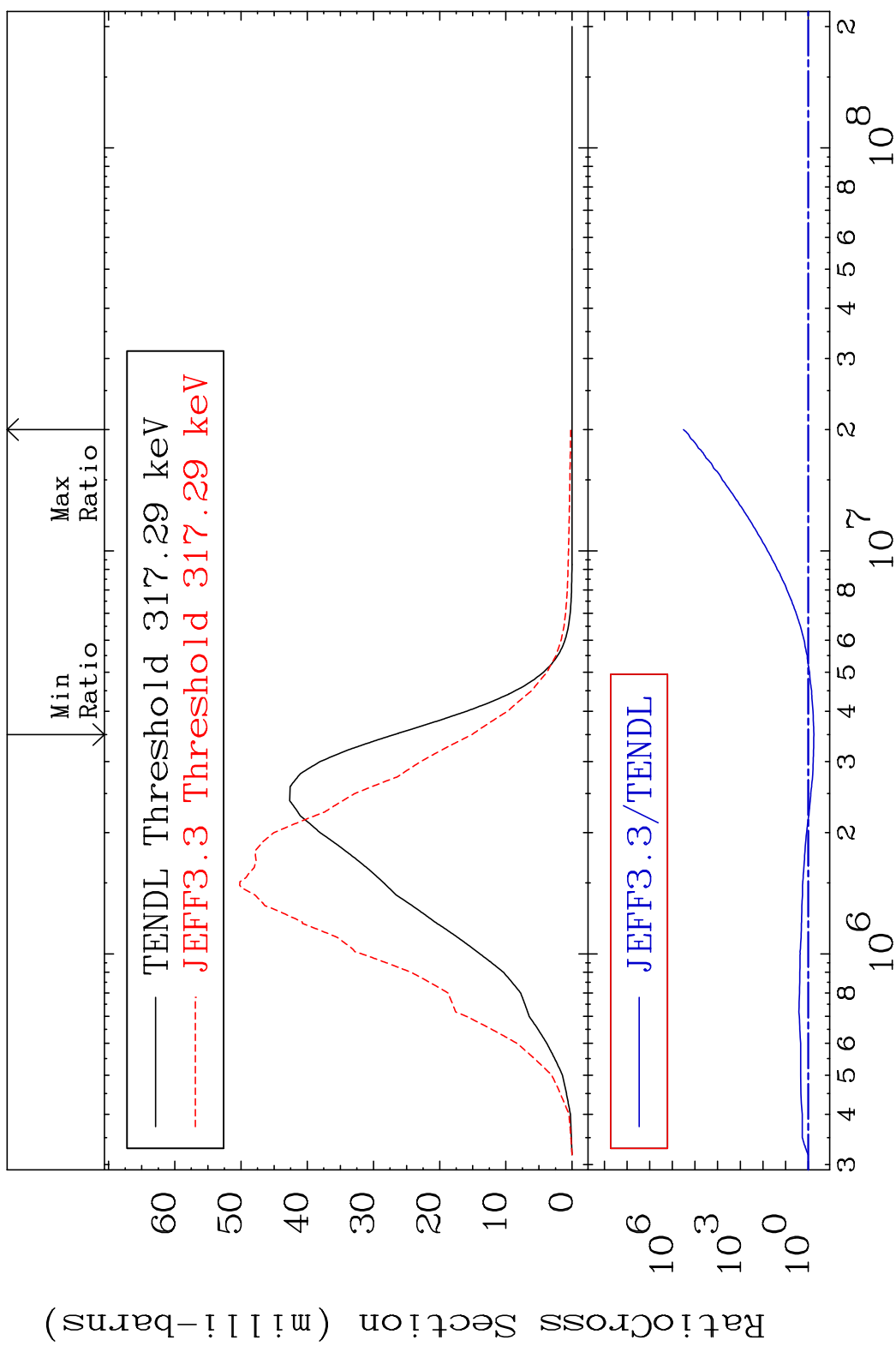
10 50-Sn-117

MAT 5040 MT= 51 (n, n') Level 50-Sn-117
 Cross Section -36.77 To 9999. %



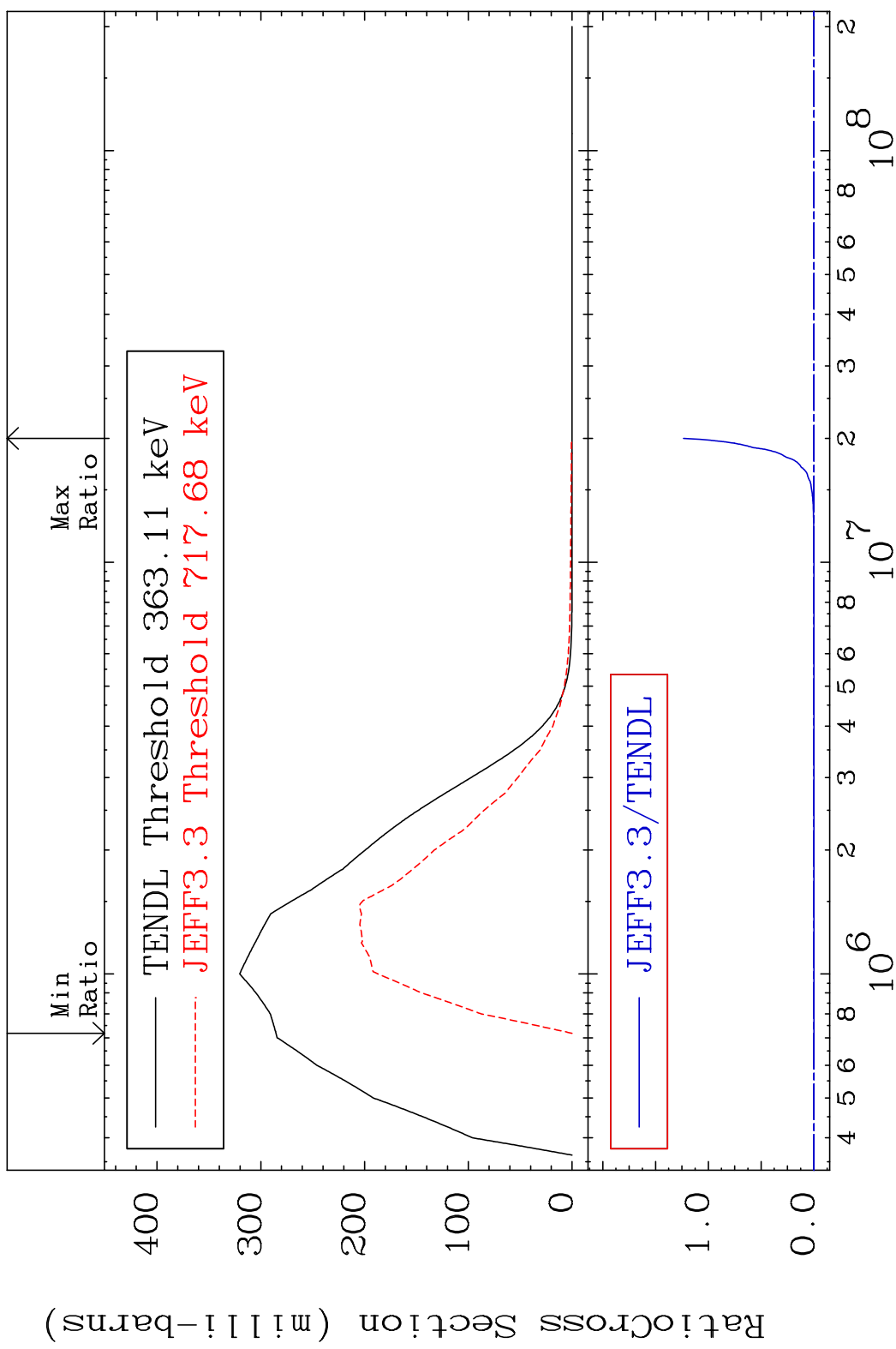
11 Incident Energy (eV) 50-Sn-117

MAT 5040 MT= 52 (n, n') Level 50-Sn-117
 Cross Section -43.74 To 9999. %



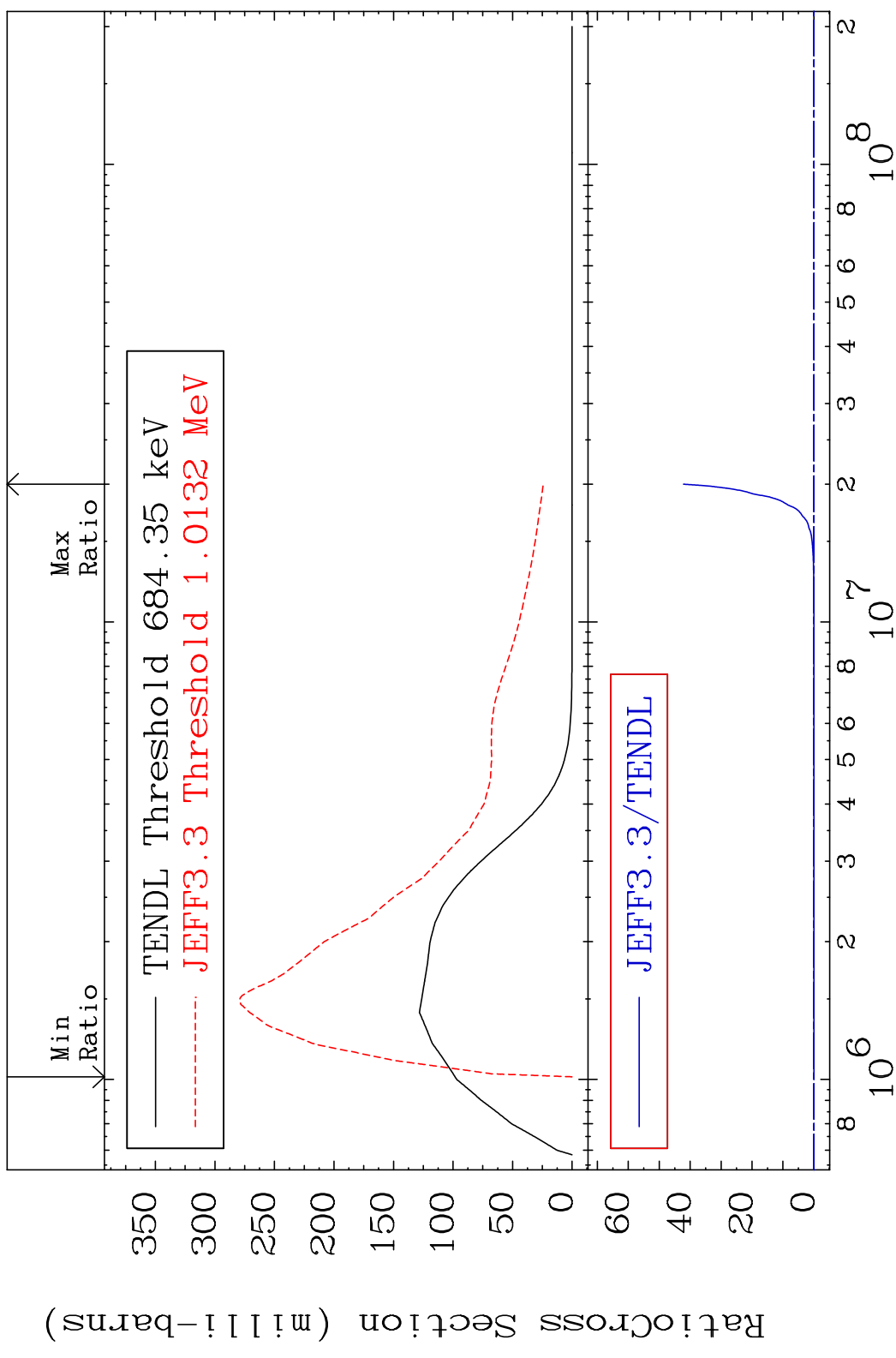
12 Incident Energy (eV) 50-Sn-117

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



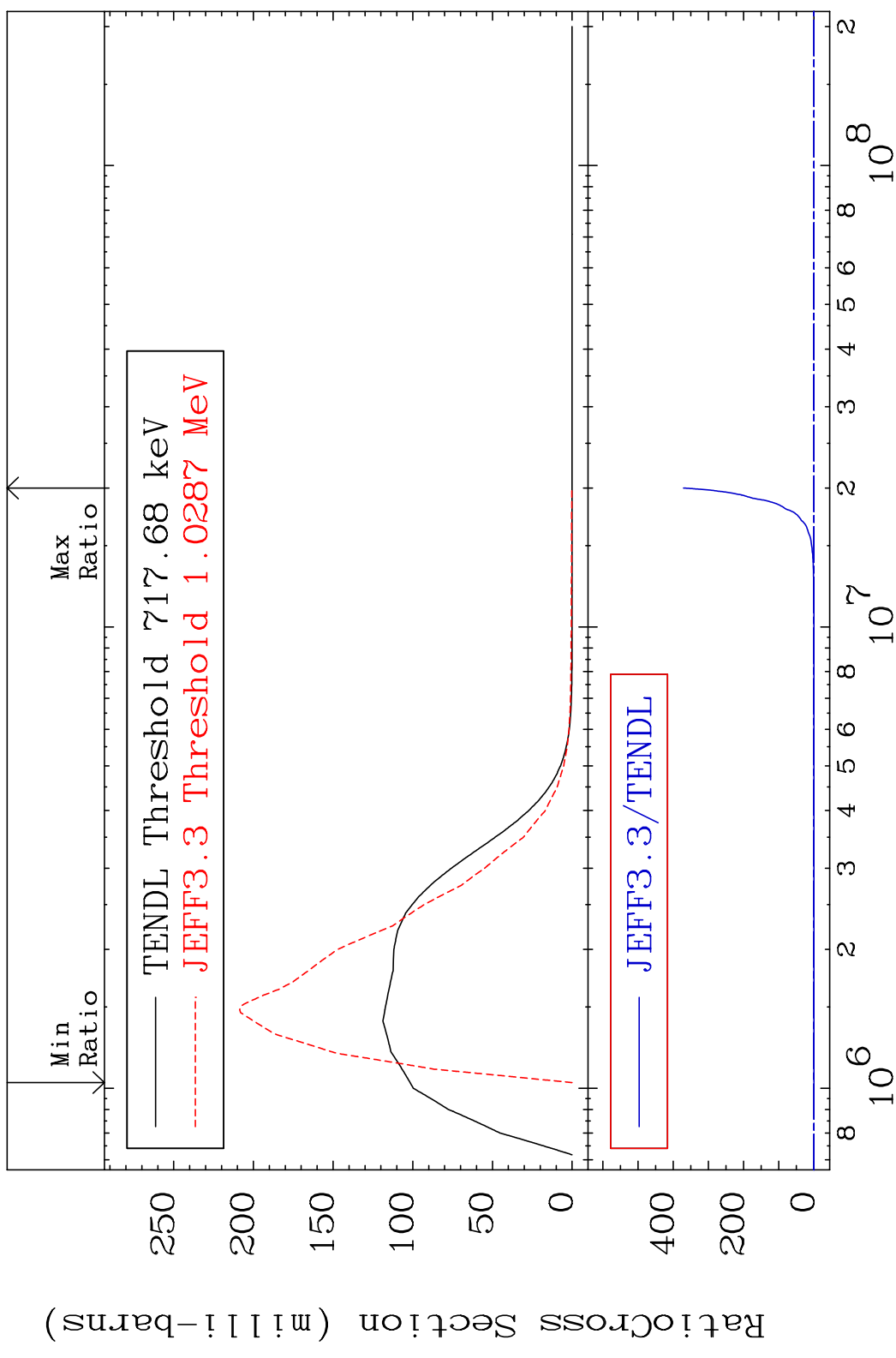
13 Incident Energy (eV) 50-Sn-117

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



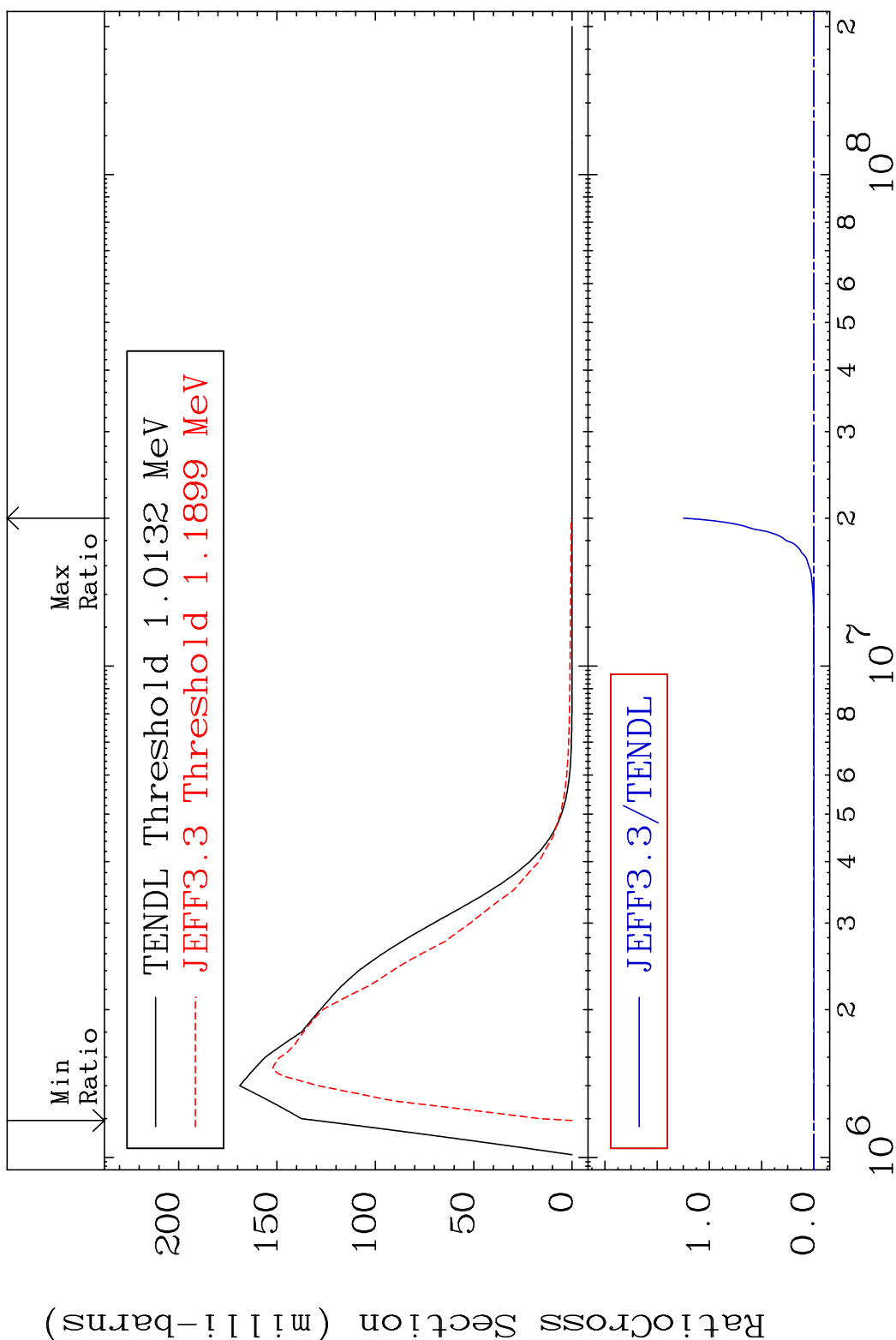
14 Incident Energy (eV) 50-Sn-117

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



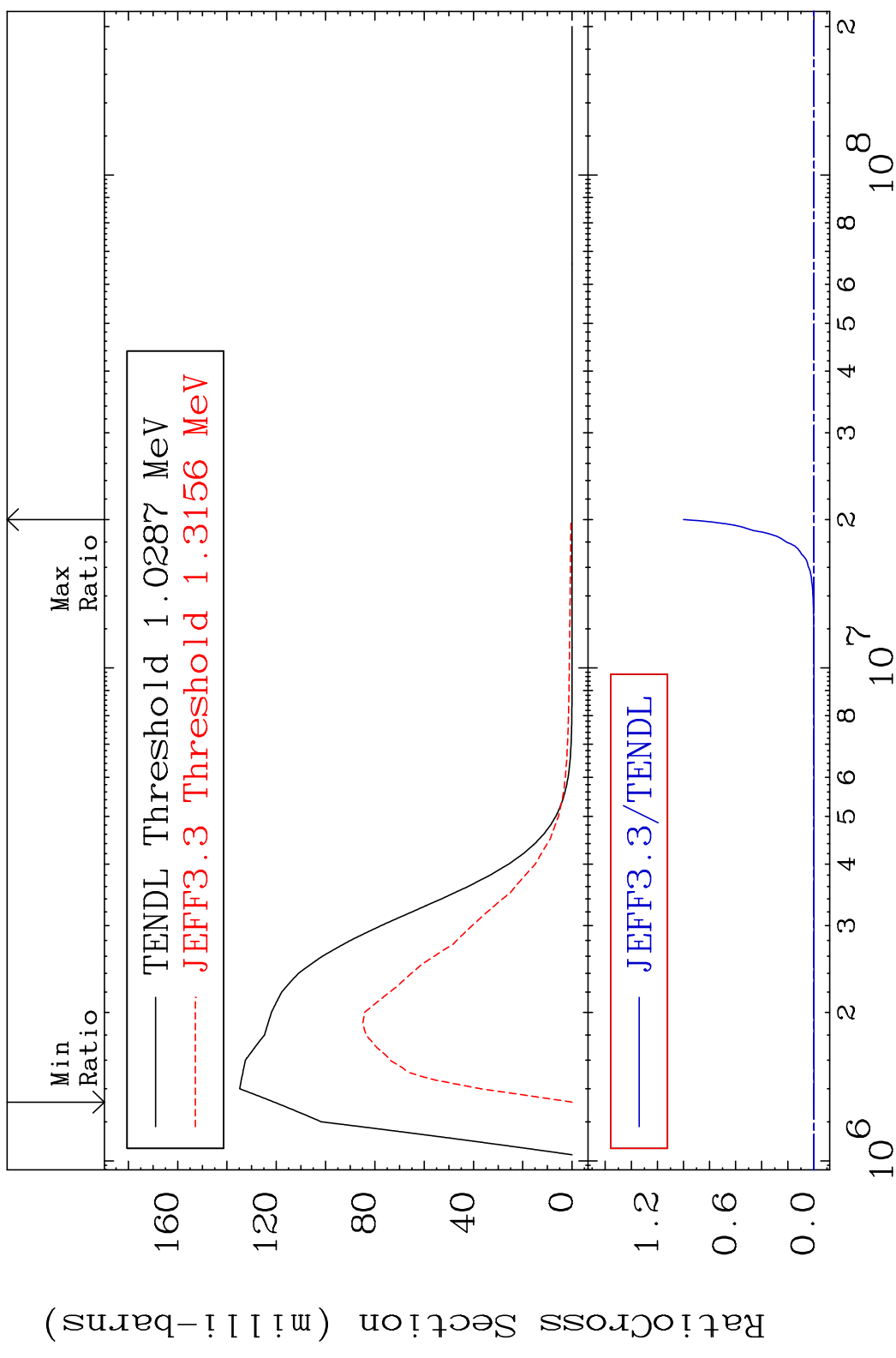
15 Incident Energy (eV) 50-Sn-117

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



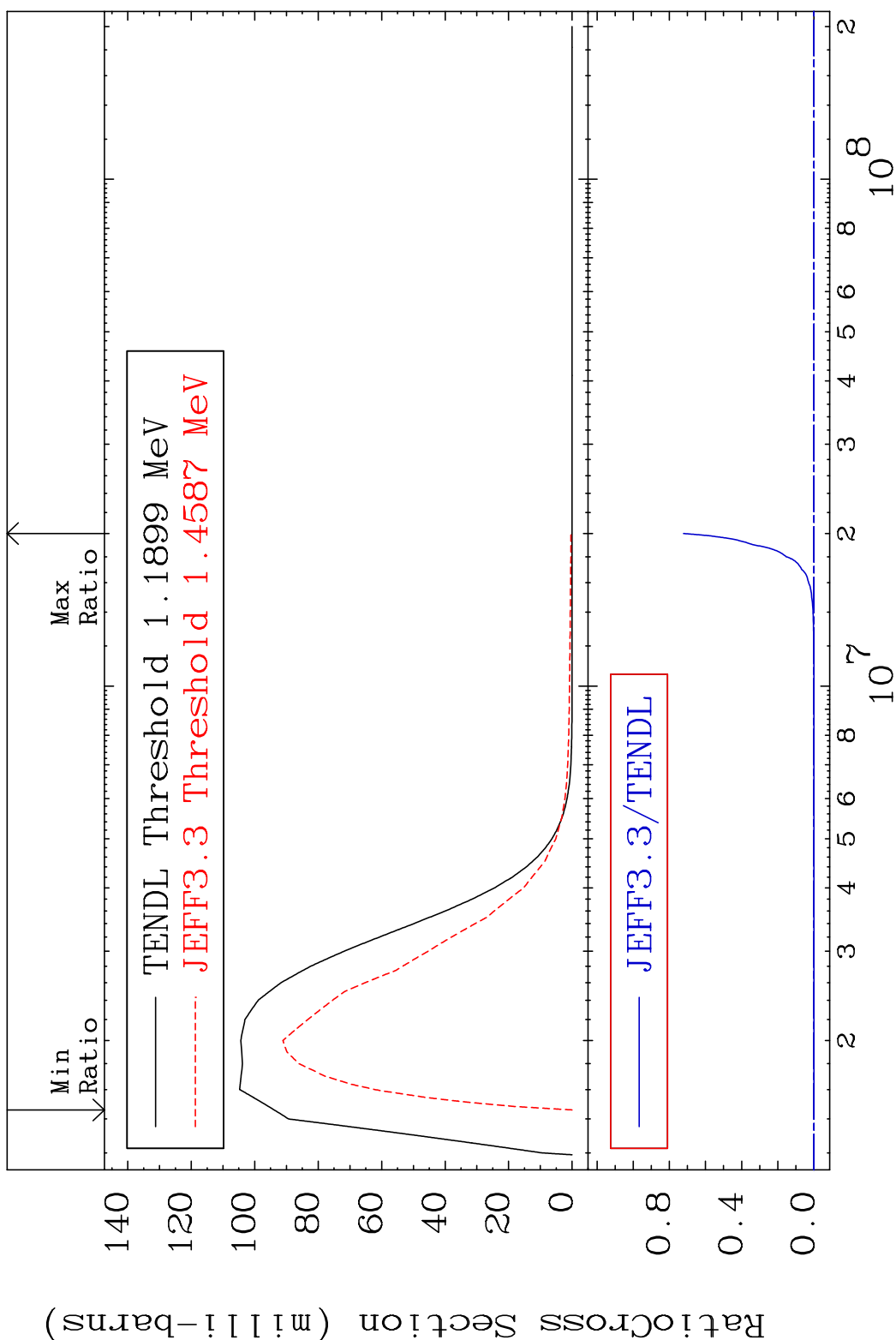
16 Incident Energy (eV) 50-Sn-117

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



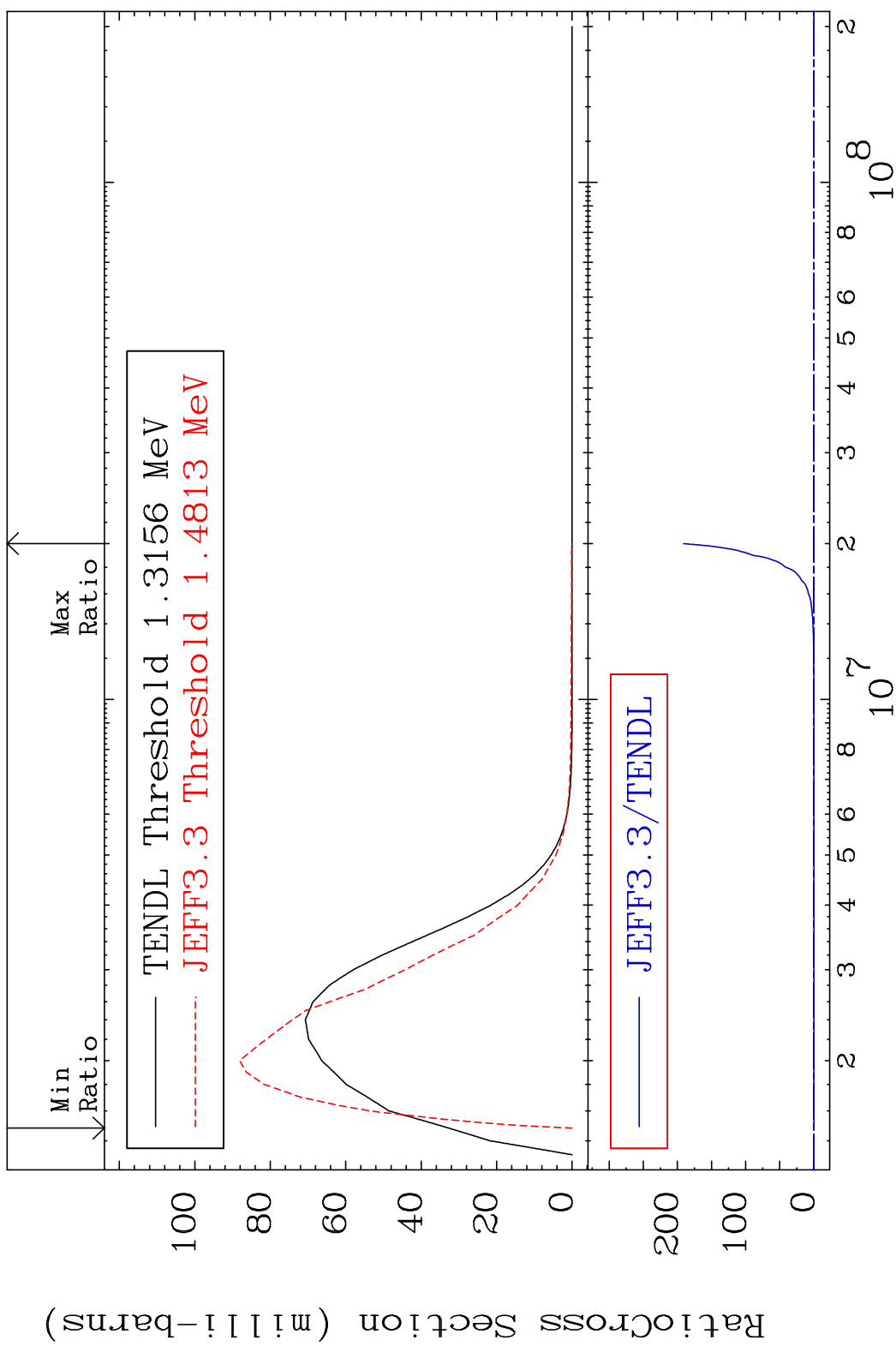
17 Incident Energy (eV) 50-Sn-117

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



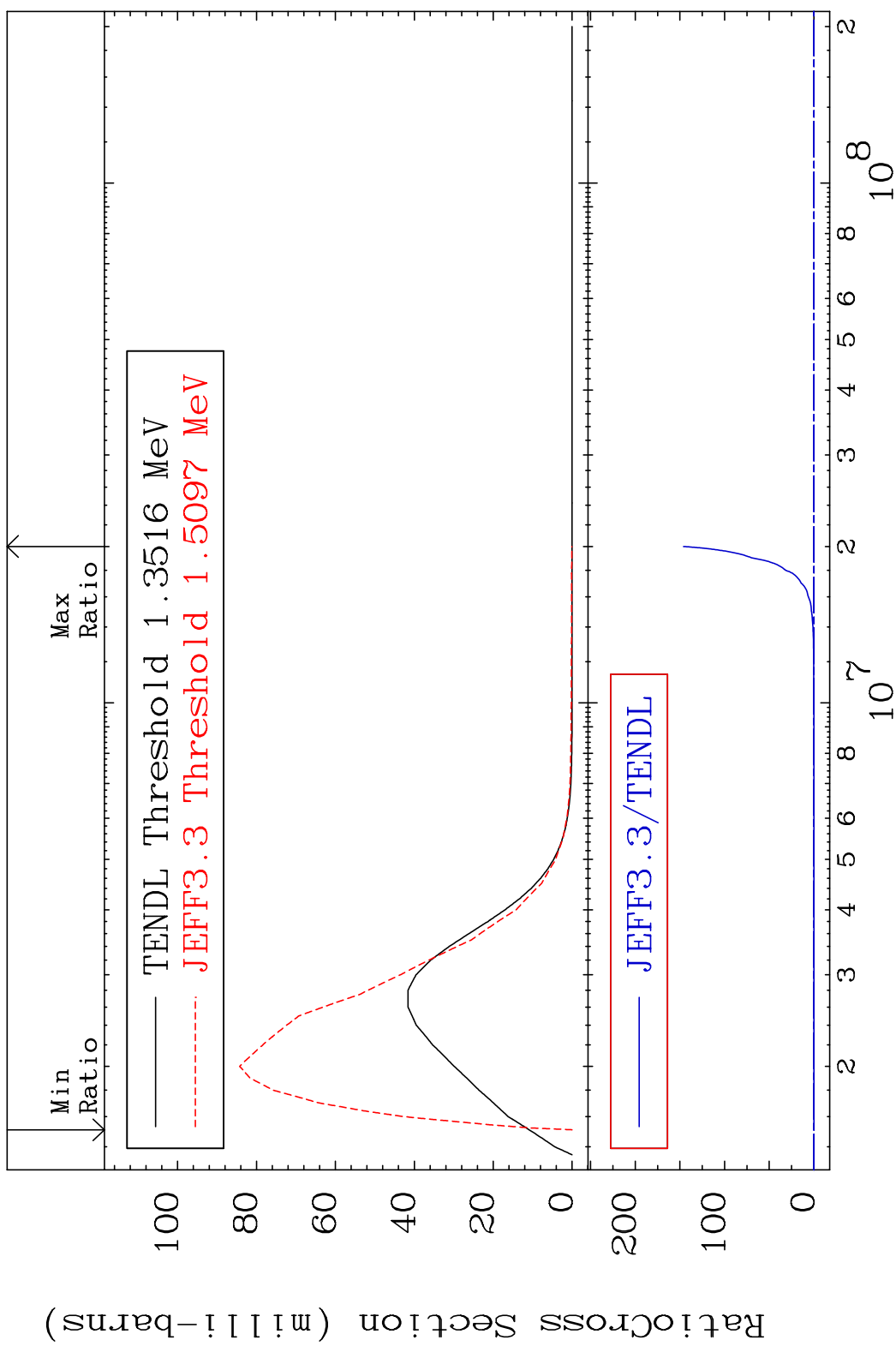
18 Incident Energy (eV) 50-Sn-117

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



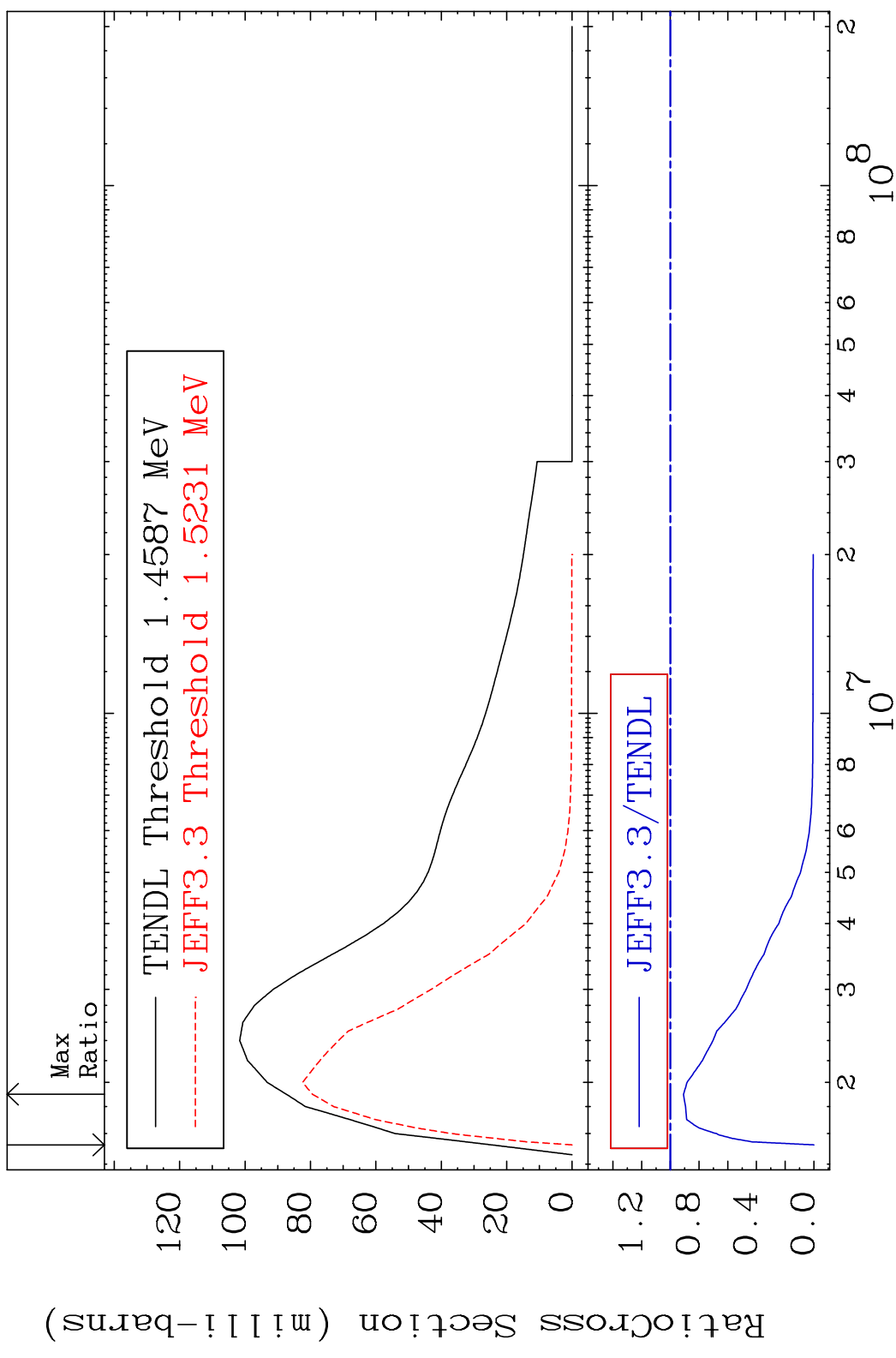
19 Incident Energy (eV) 50-Sn-117

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

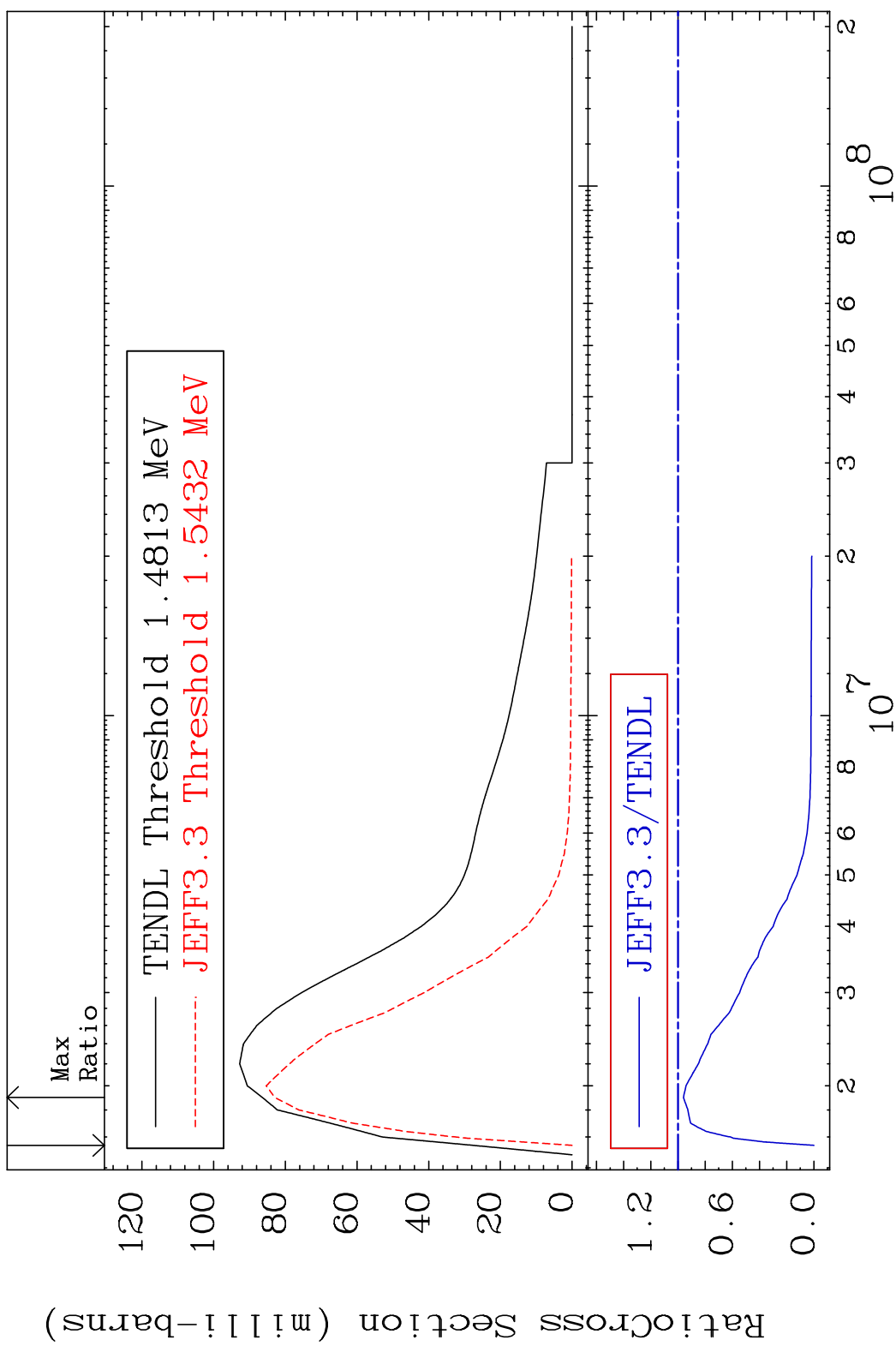


20 Incident Energy (eV) 50-Sn-117

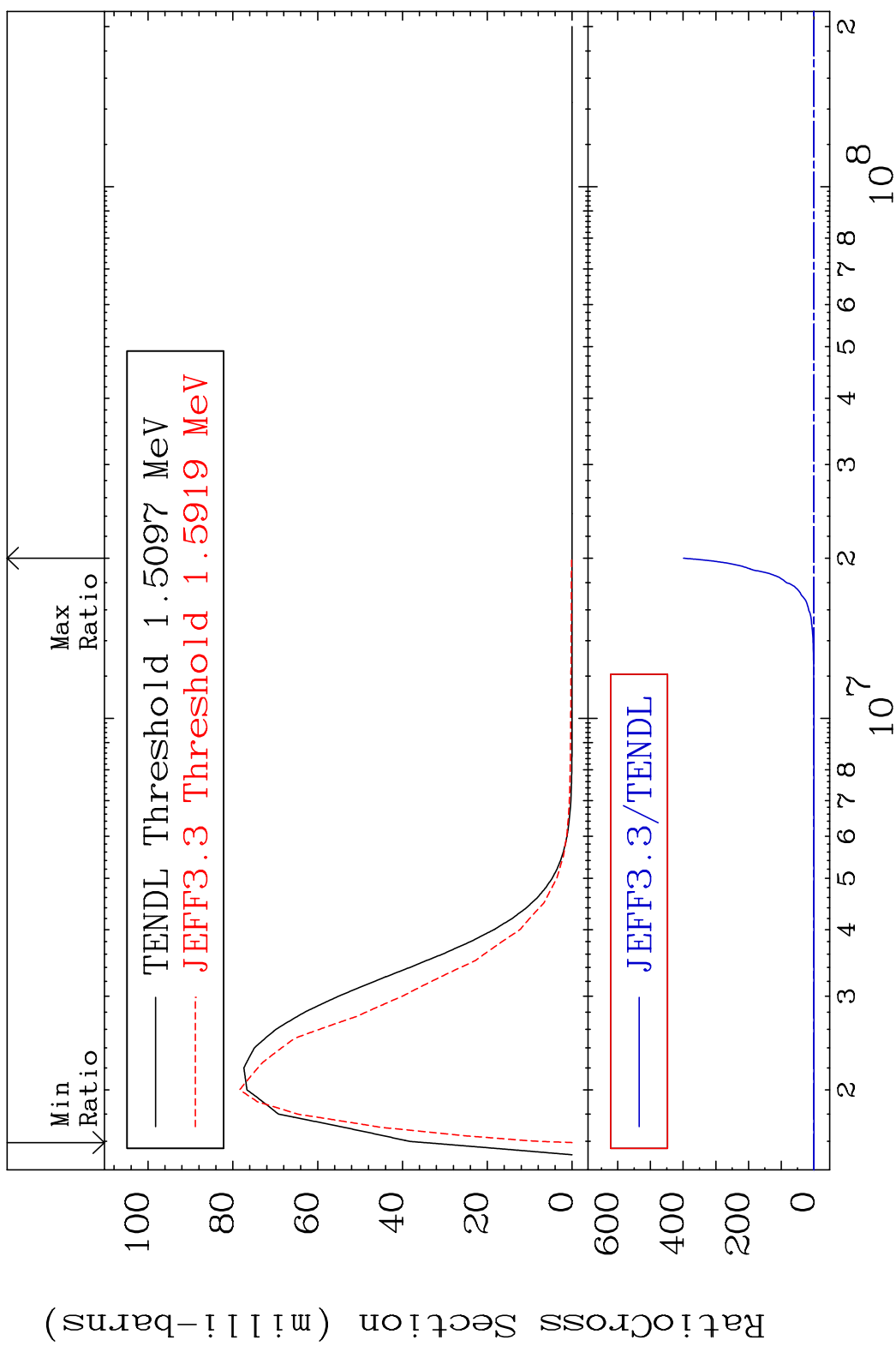
MAT 5040 MT= 61 (n, n') Level 50-Sn-117
 Cross Section -100.0 To -9.129%



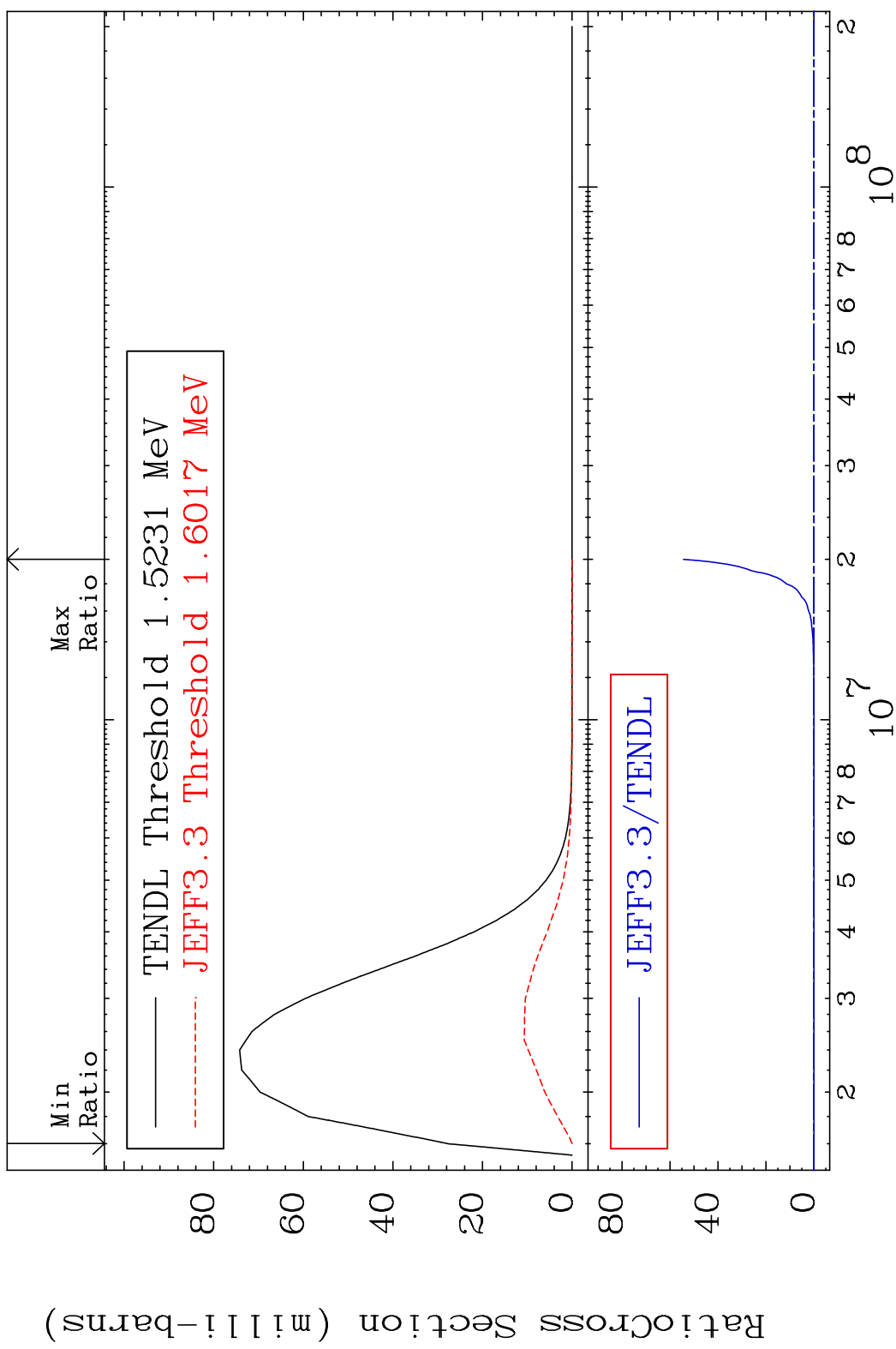
MAT 5040 MT= 62 (n, n') Level 50-Sn-117
 Cross Section -100.0 To -4.021%



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

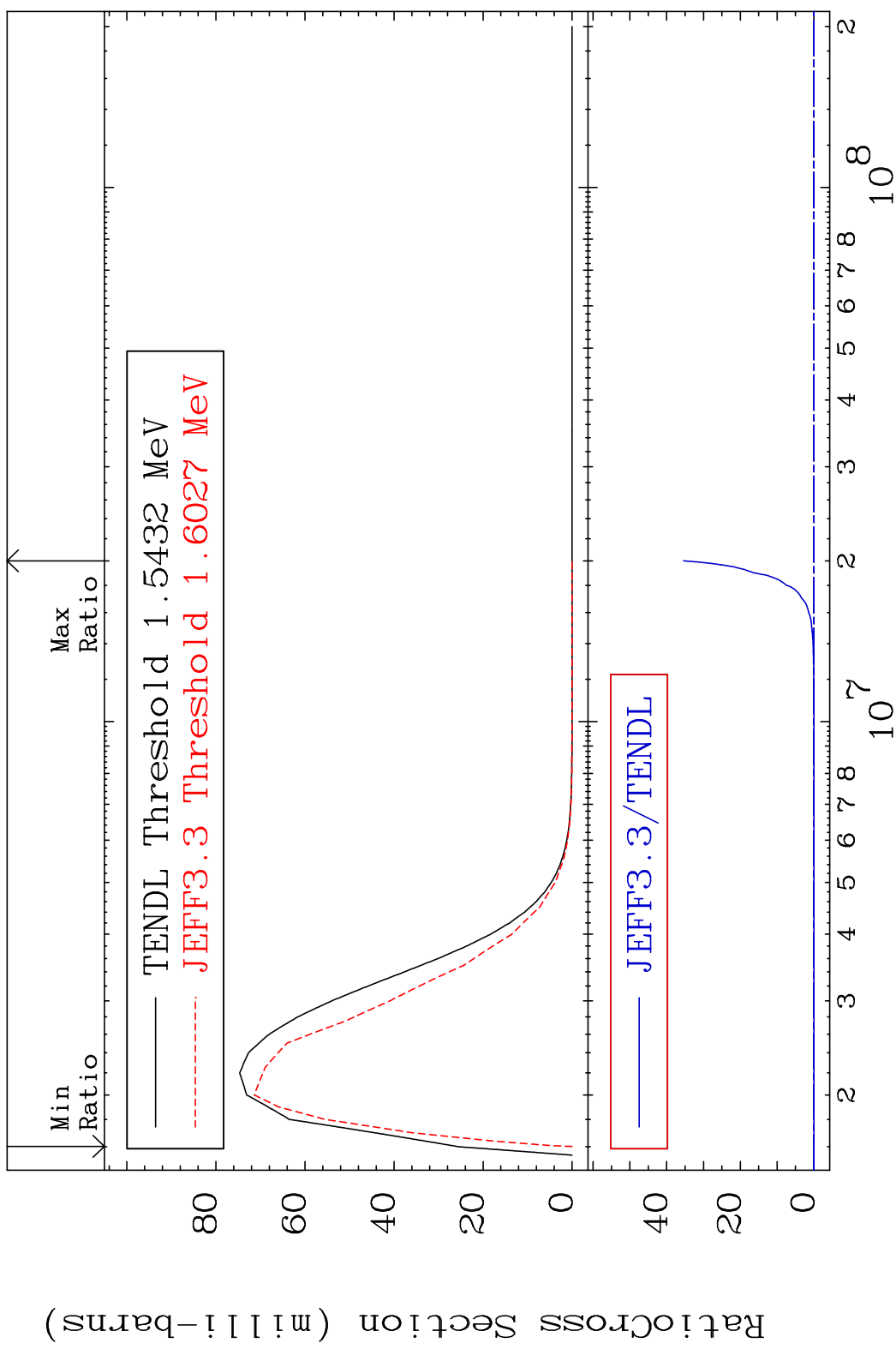


MAT 5040 MT= 64 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



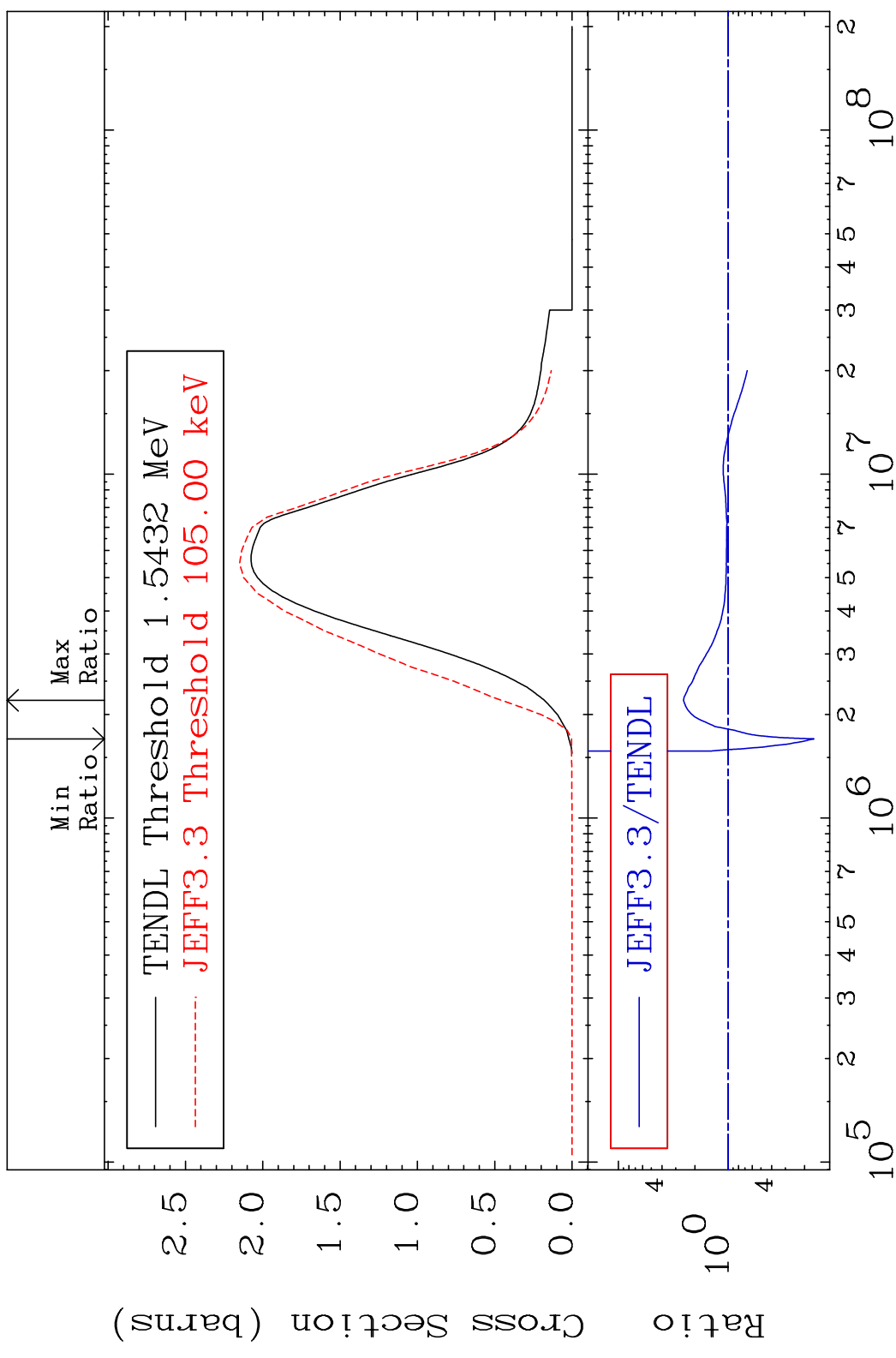
24 Incident Energy (eV) 50-Sn-117

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

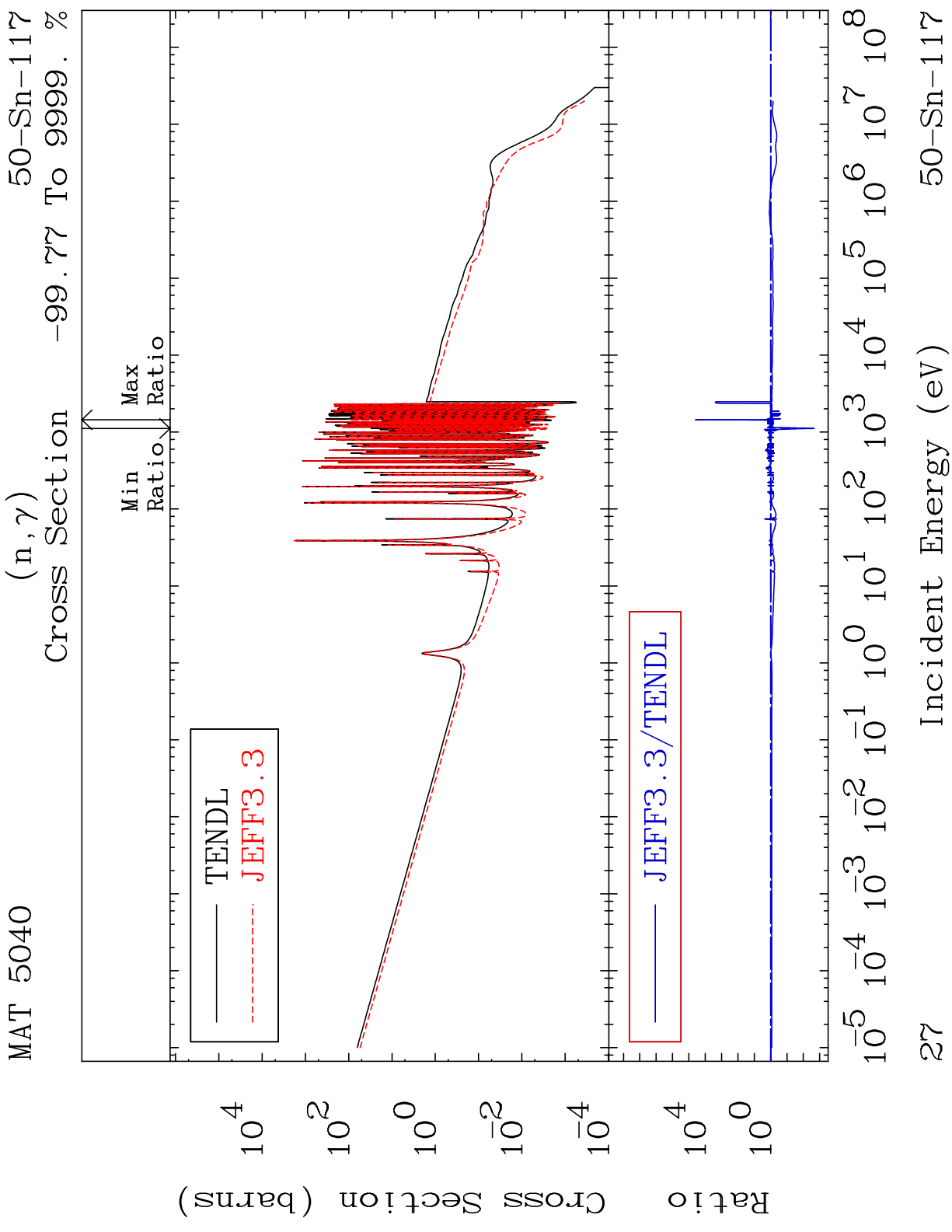


25 Incident Energy (eV) 50-Sn-117

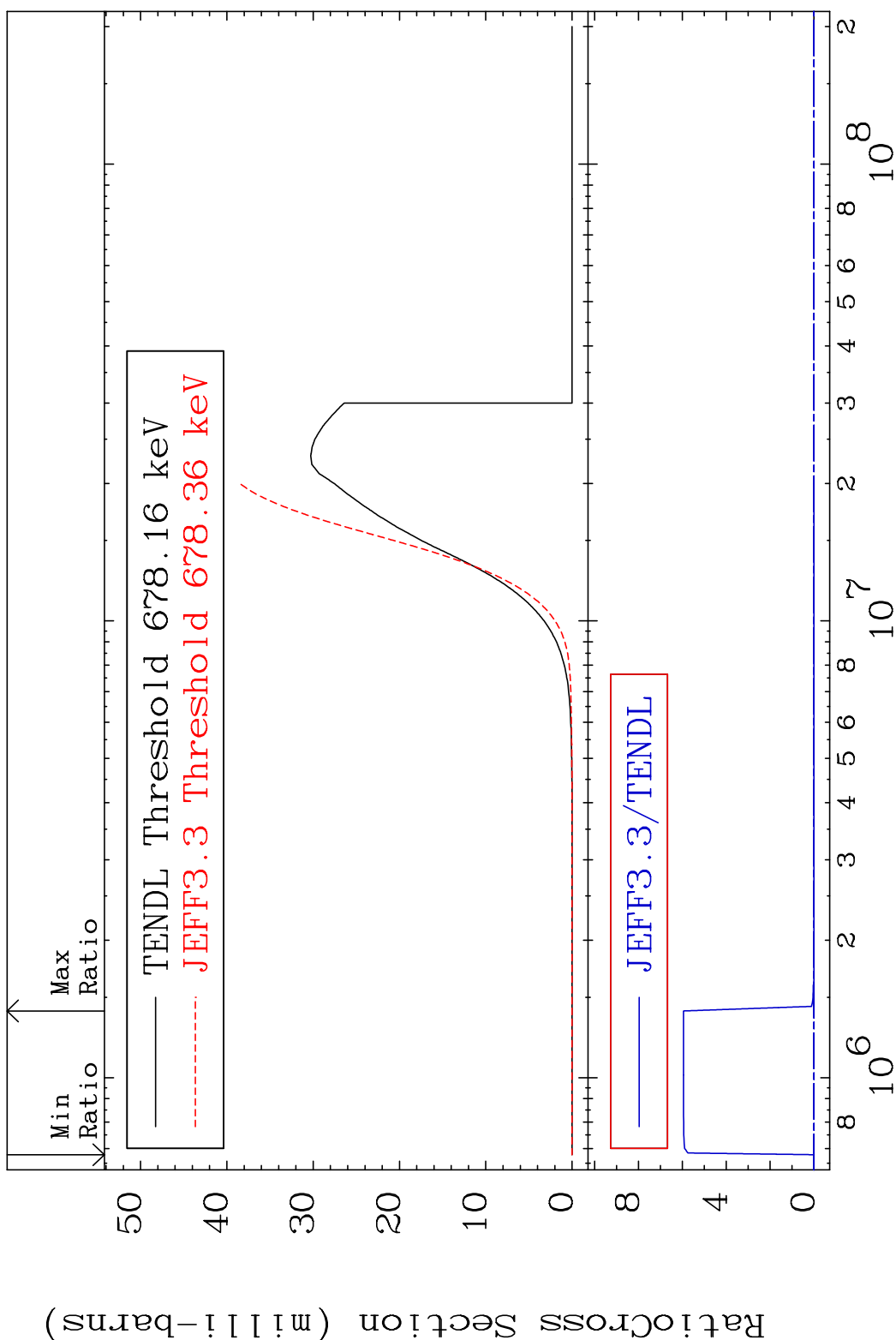
MAT 5040 (n, n') Continuum 50-Sn-117
 Cross Section -83.53 To 154.8 %

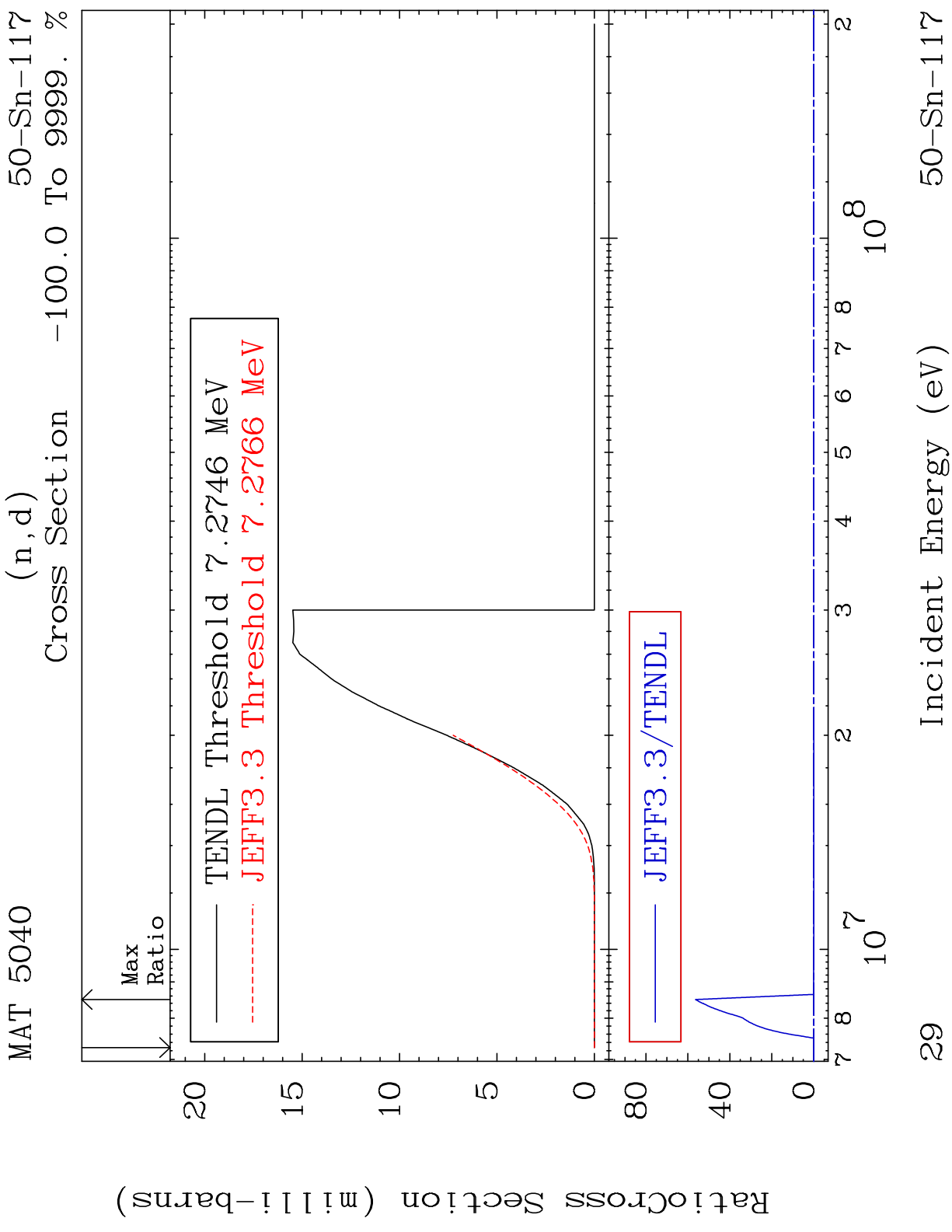


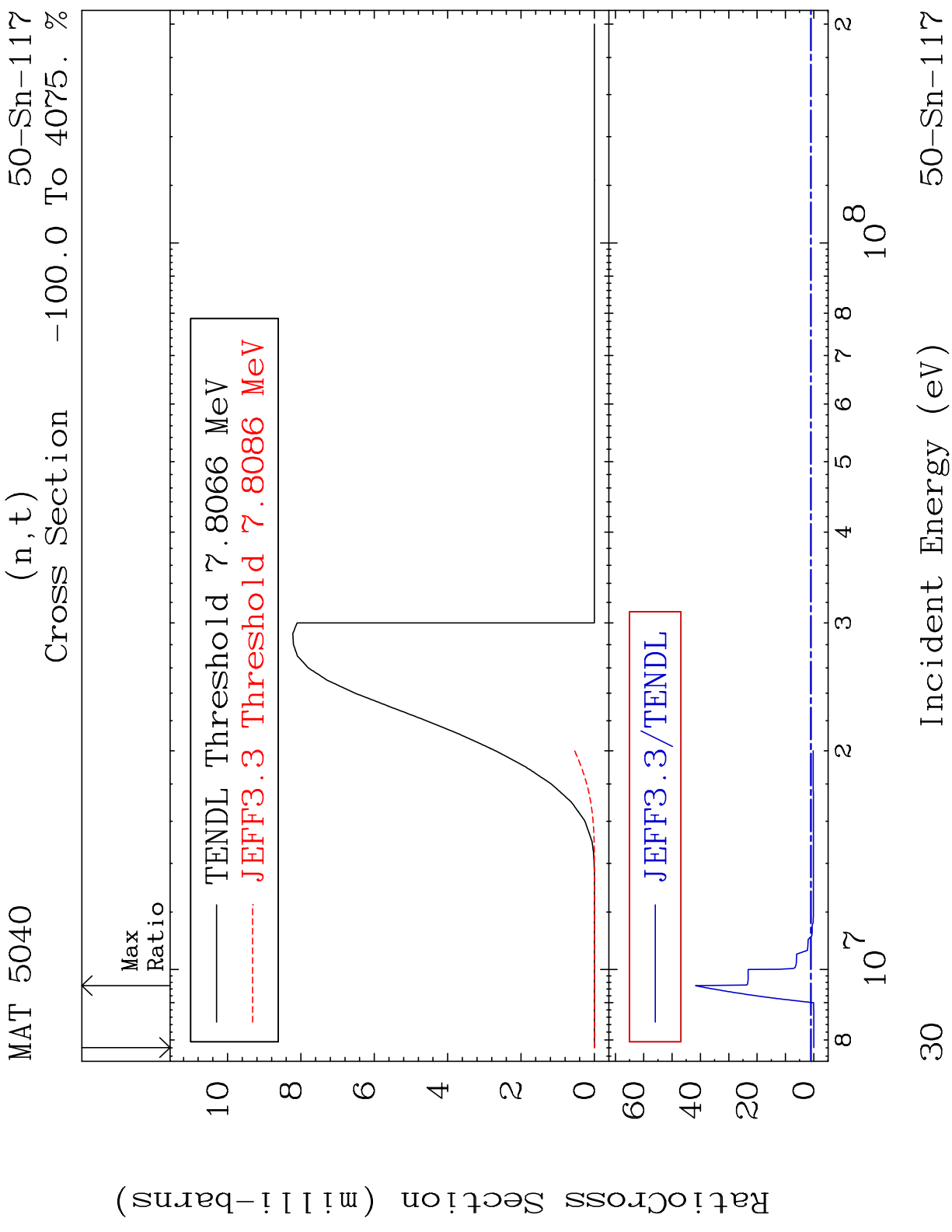
26 Incident Energy (eV) 50-Sn-117



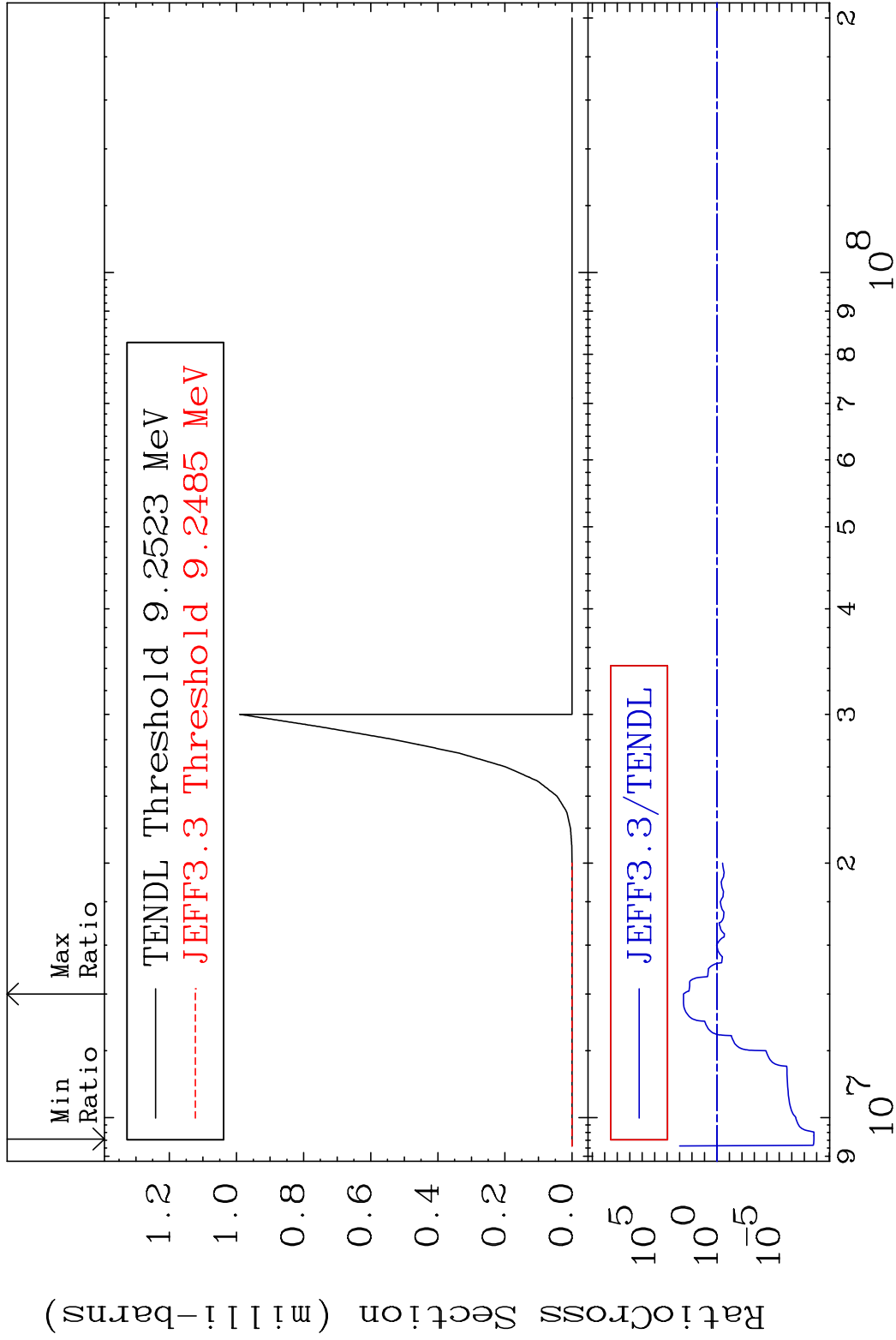
MAT 5040 (n,p) 50-Sn-117
 Cross Section -100.0 To 9999. %



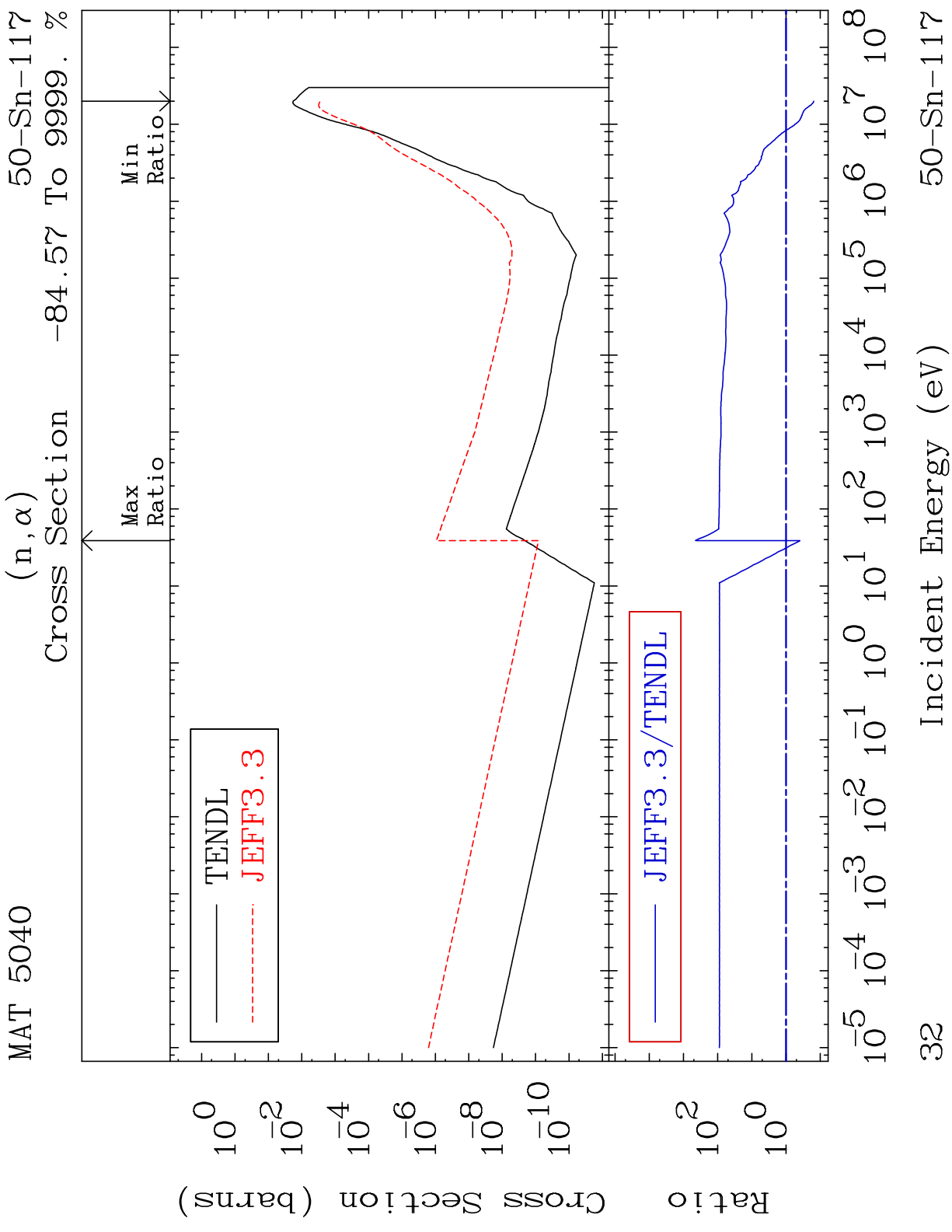




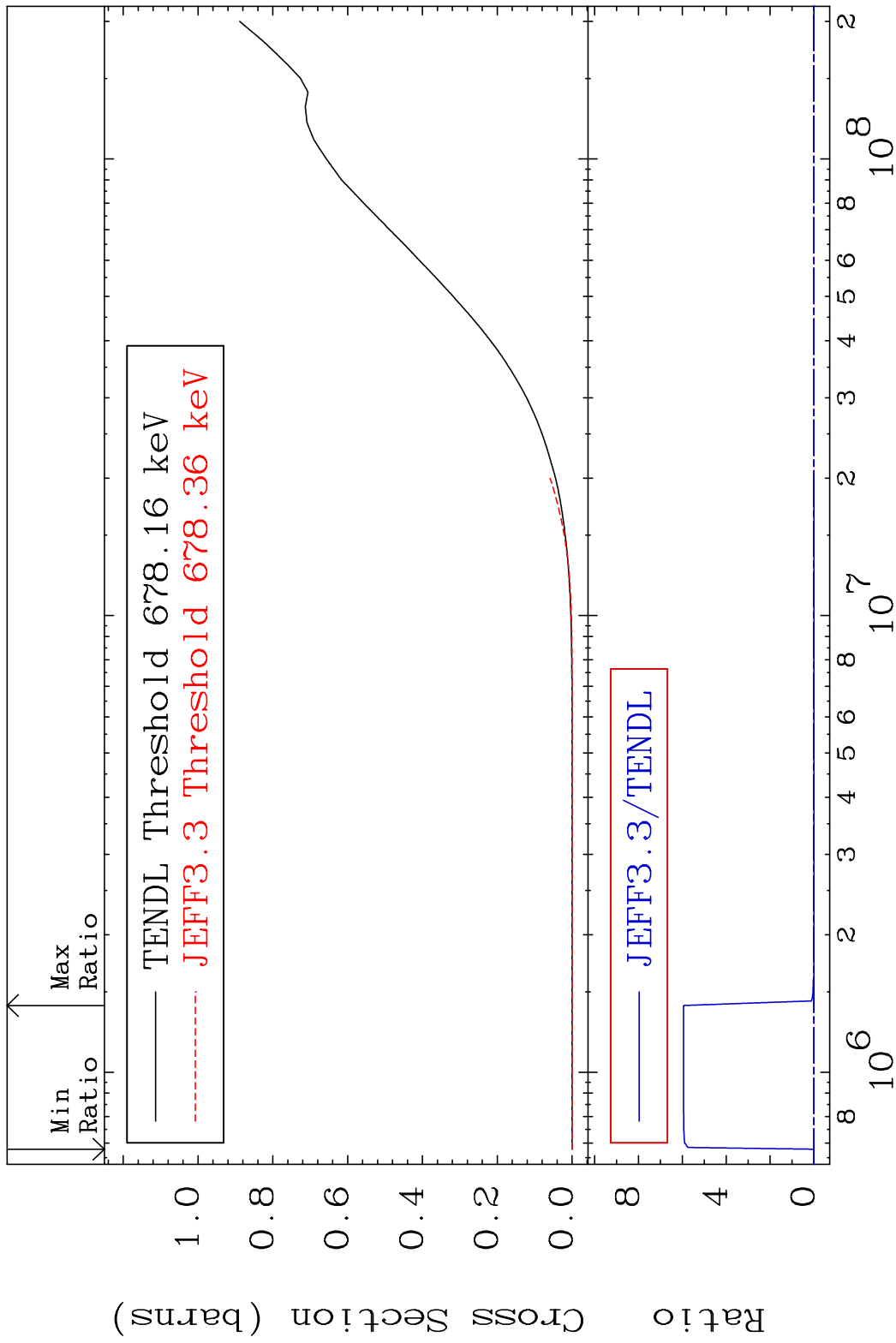
MAT 5040 (n, He-3) 50-Sn-117
 Cross Section -100.0 To 9999. %



31 Incident Energy (eV) 50-Sn-117

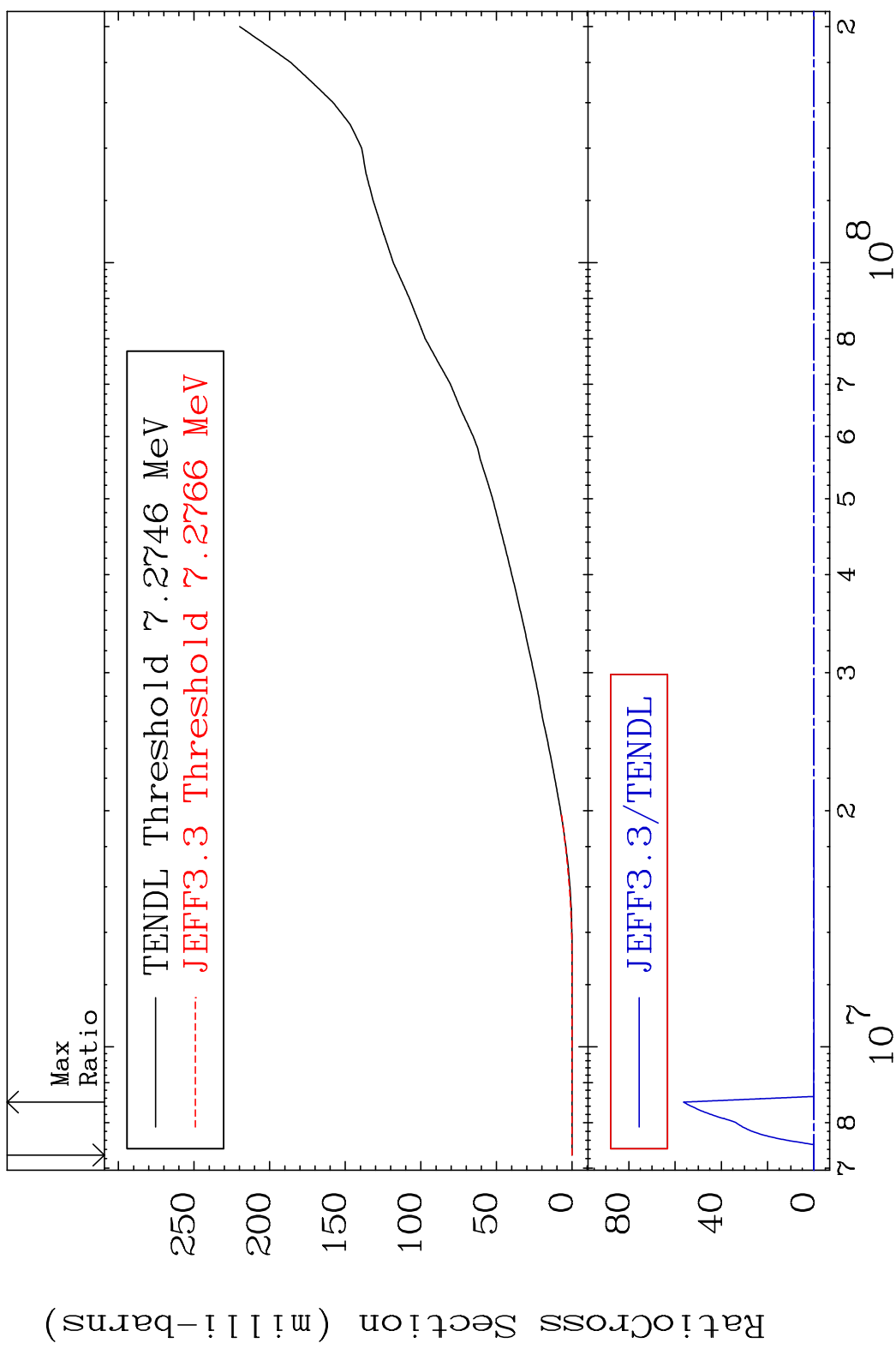


MAT 5040 Hydrogen Production 50-Sn-117
 Cross Section -100.0 To 9999. %



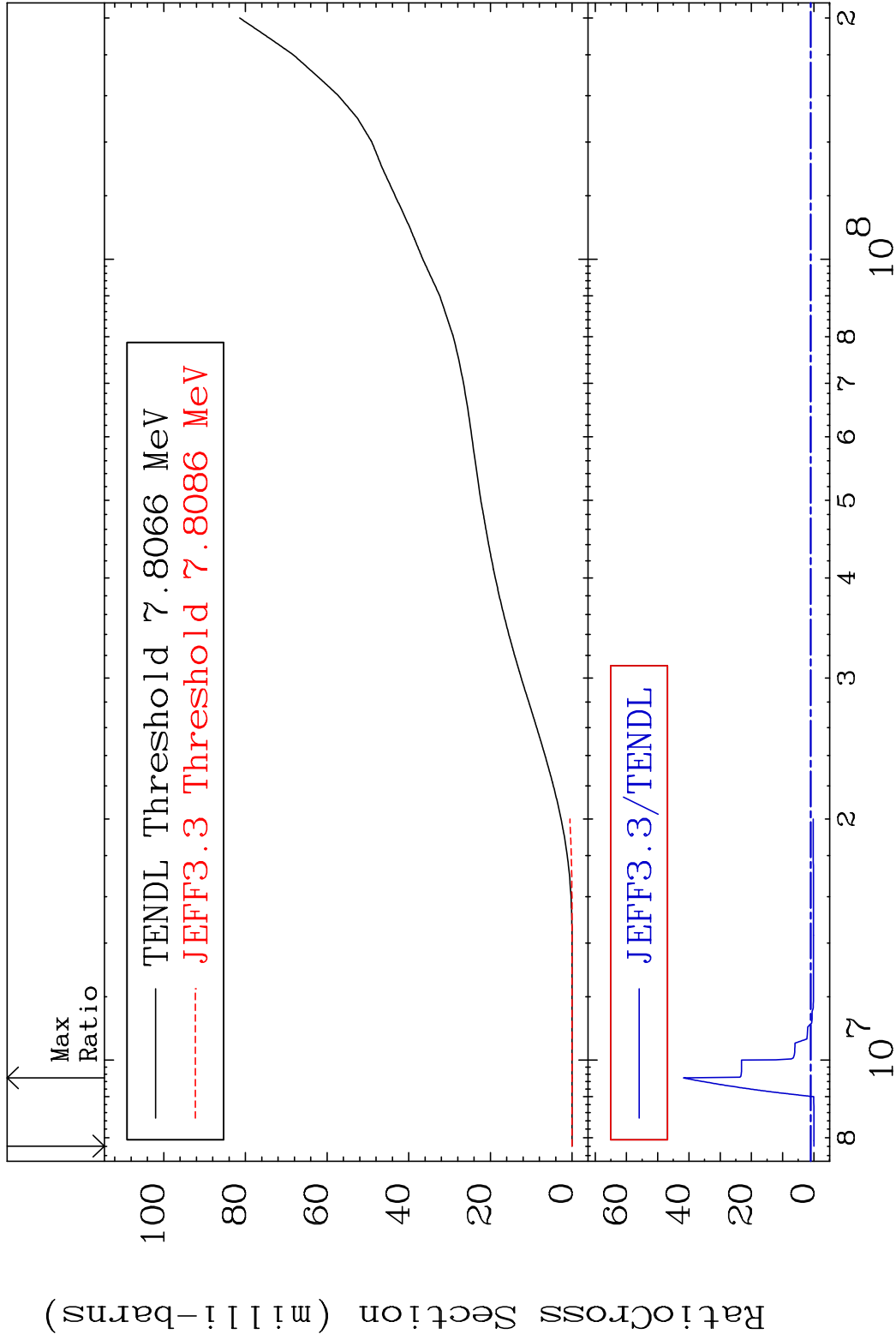
33 Incident Energy (eV) 50-Sn-117

MAT 5040 Deuterium Production 50-Sn-117
 Cross Section -100.0 To 9999. %



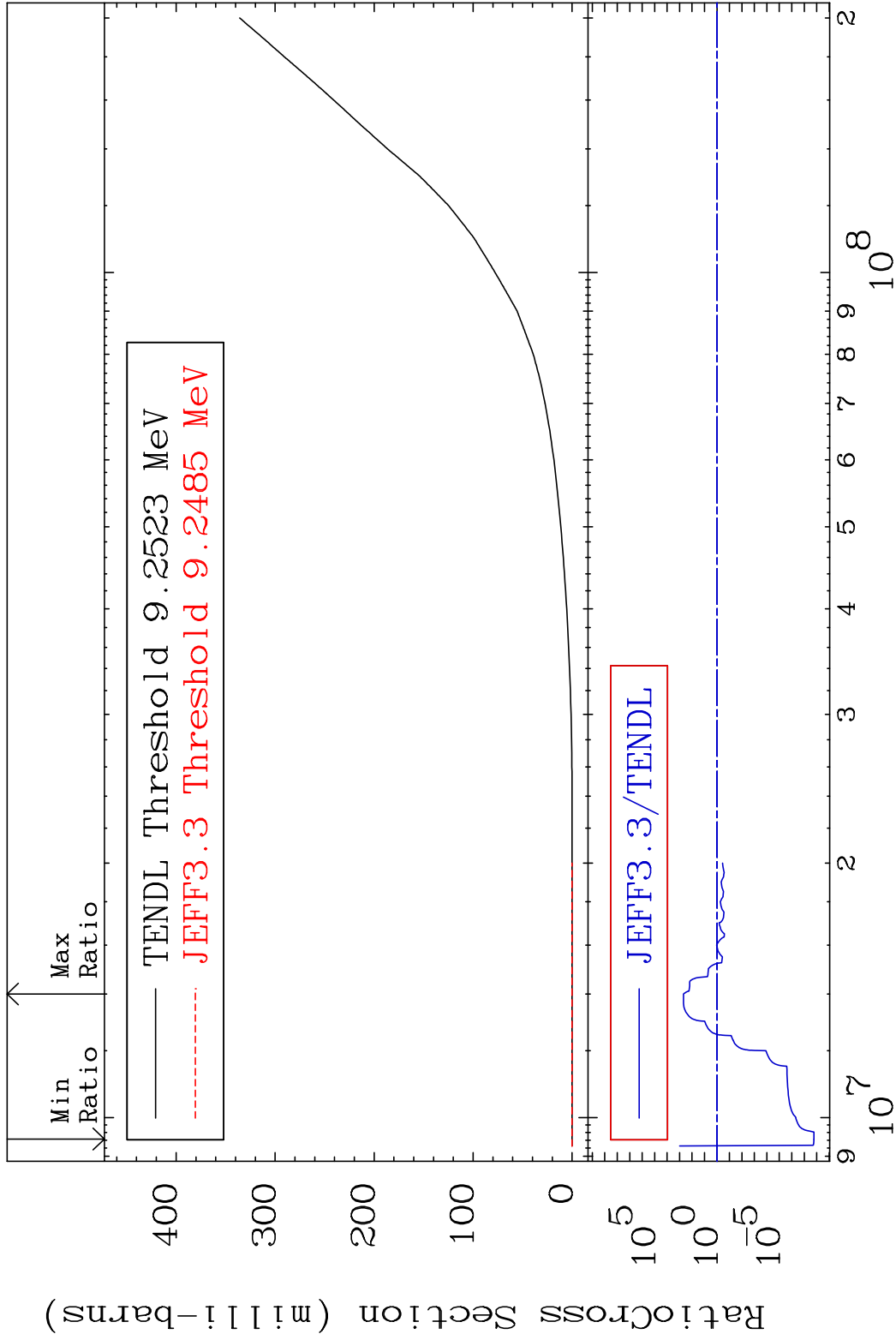
34 Incident Energy (eV) 50-Sn-117

MAT 5040 Tritium Production 50-Sn-117
Cross Section -100.0 To 4075. %



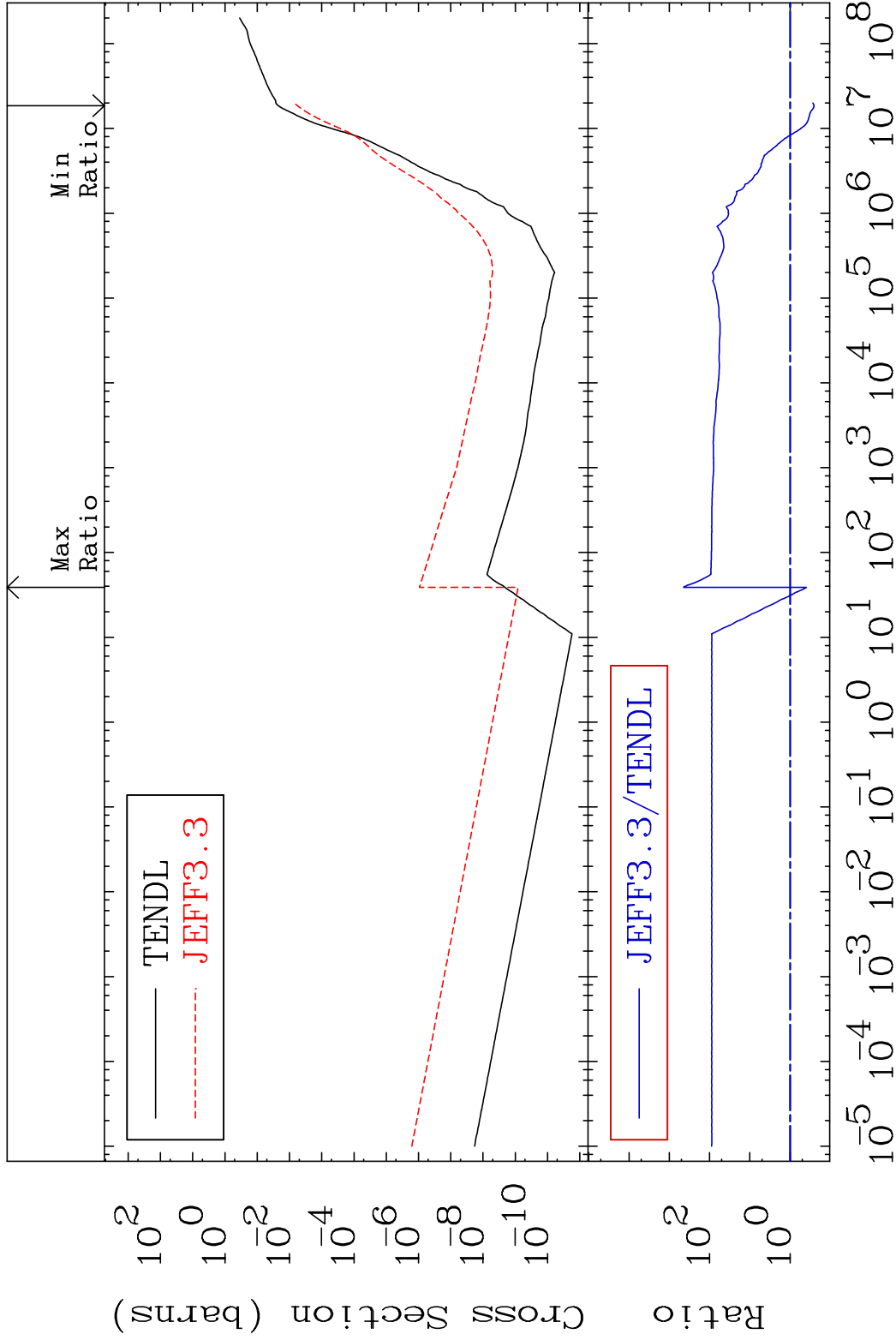
35 50-Sn-117

MAT 5040 He-3 Production 50-Sn-117
 Cross Section -100.0 To 9999. %



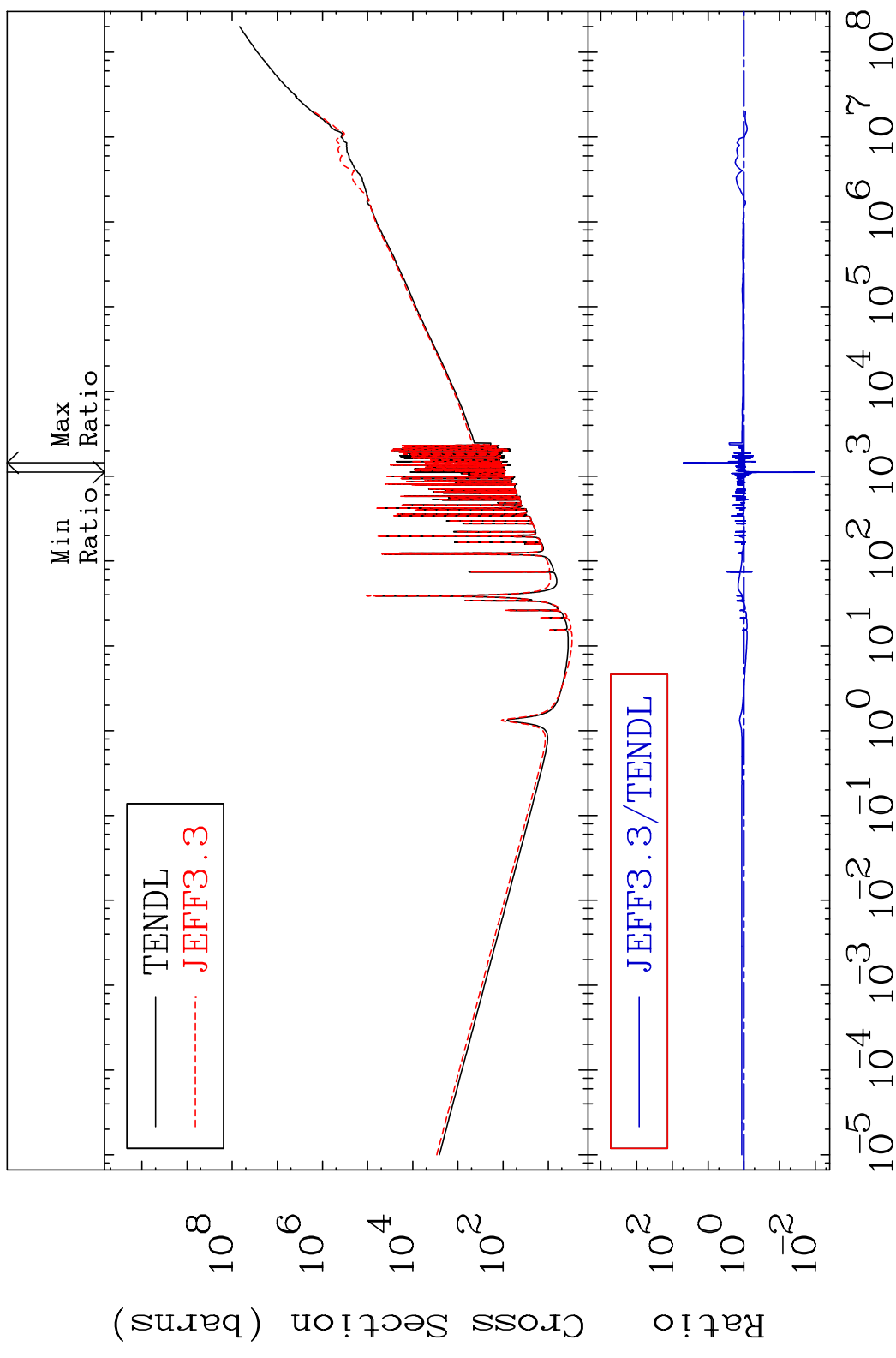
36 Incident Energy (eV) 50-Sn-117

MAT 5040 He-4 Production 50-Sn-117
 Cross Section -74.31 To 9999. %

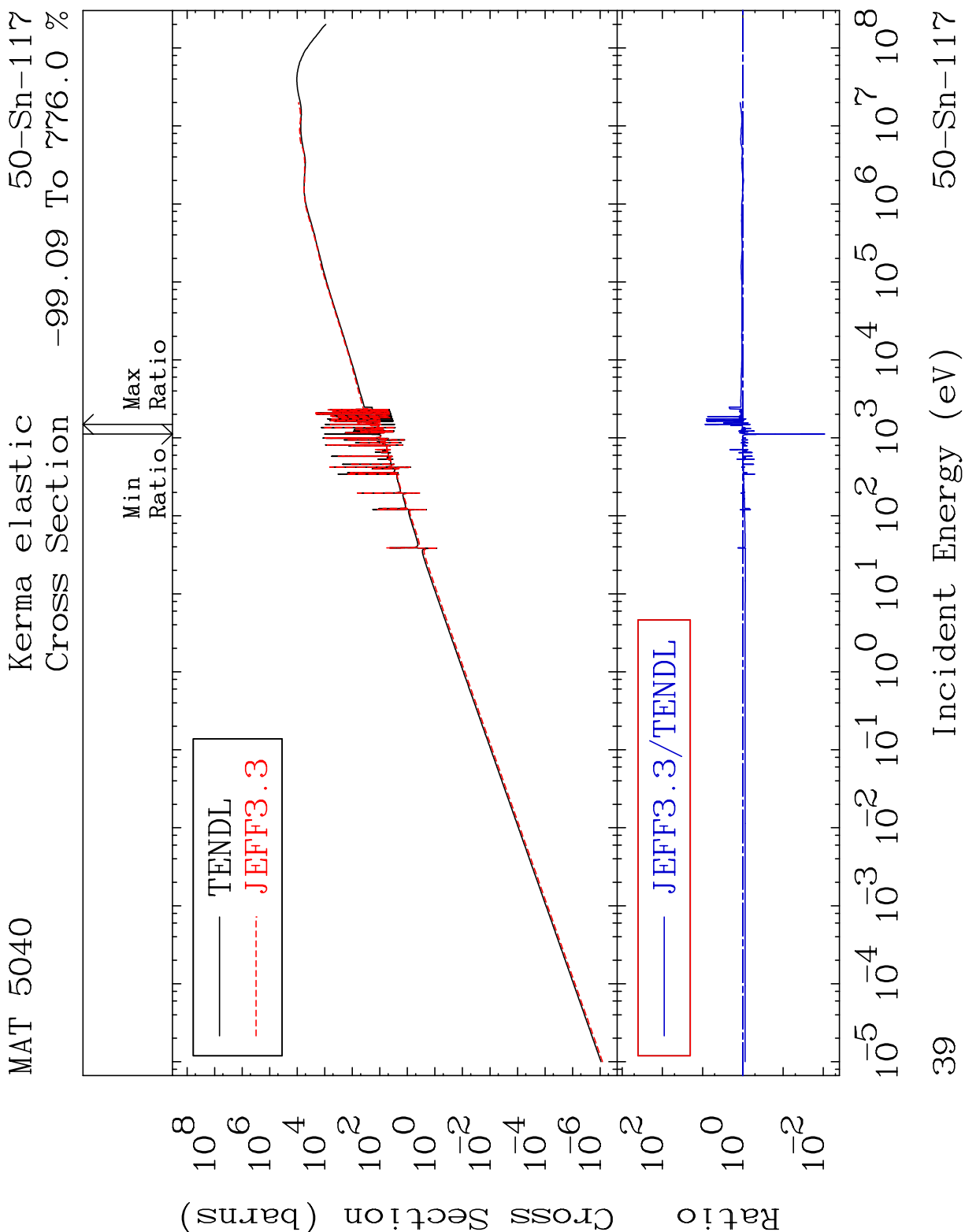


37 Incident Energy (eV) 50-Sn-117

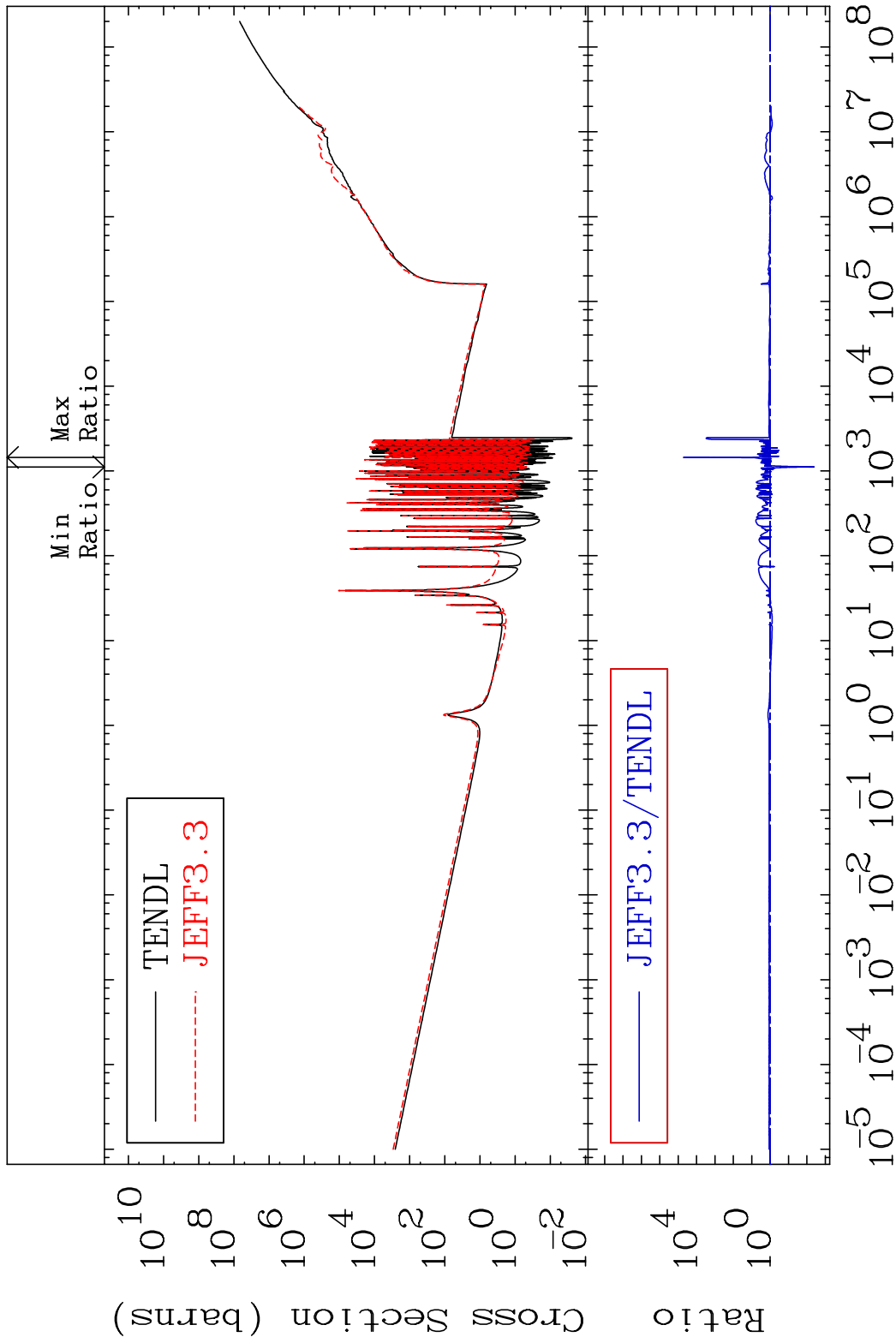
MAT 5040 Kerma total (eV-barns) 50-Sn-117
 Cross Section -98.90 To 4779. %



38 Incident Energy (eV) 50-Sn-117

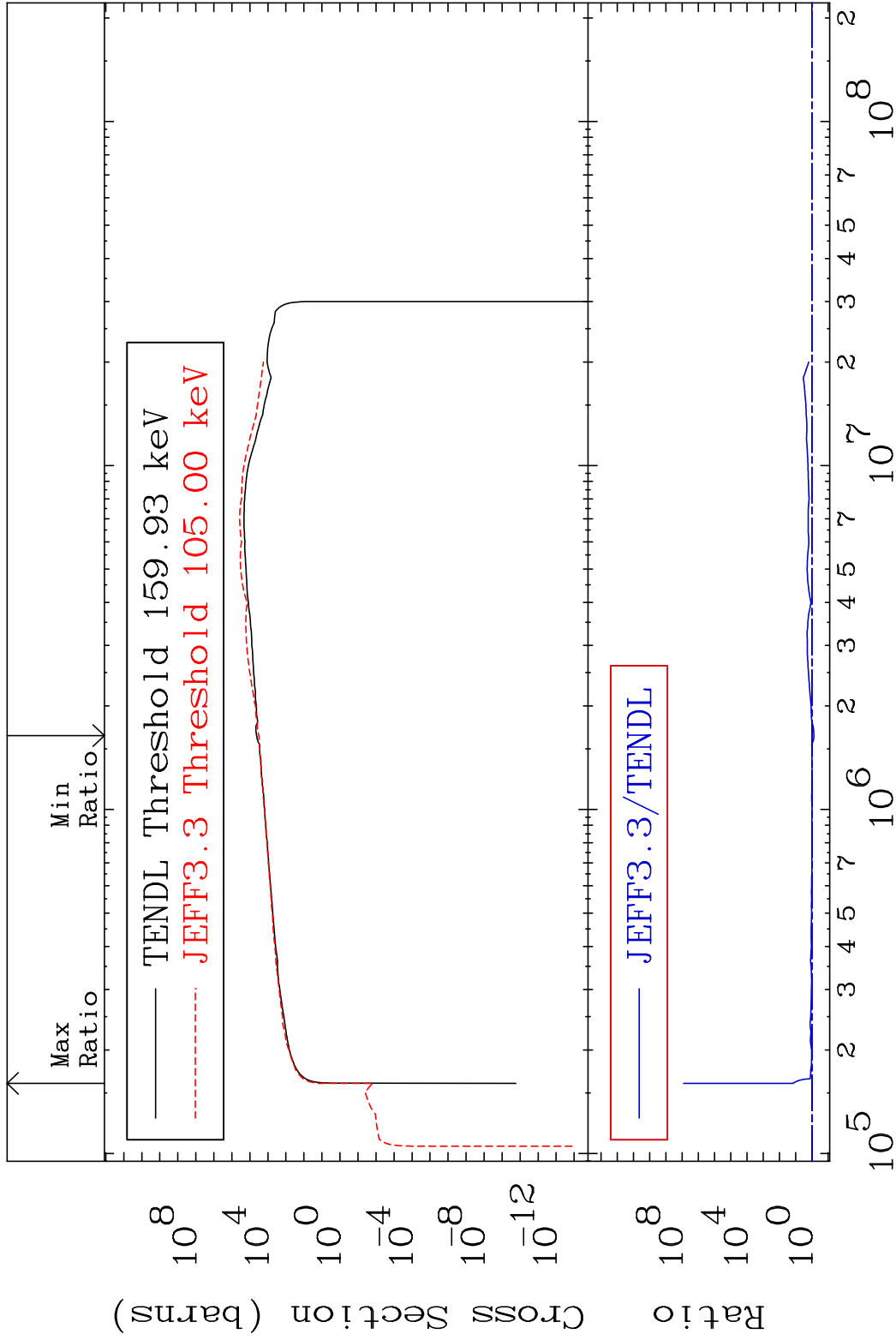


MAT 5040 Kerma non-elastic (all but mt2) 50-Sn-117
 Cross Section -99.58 To 9999. %

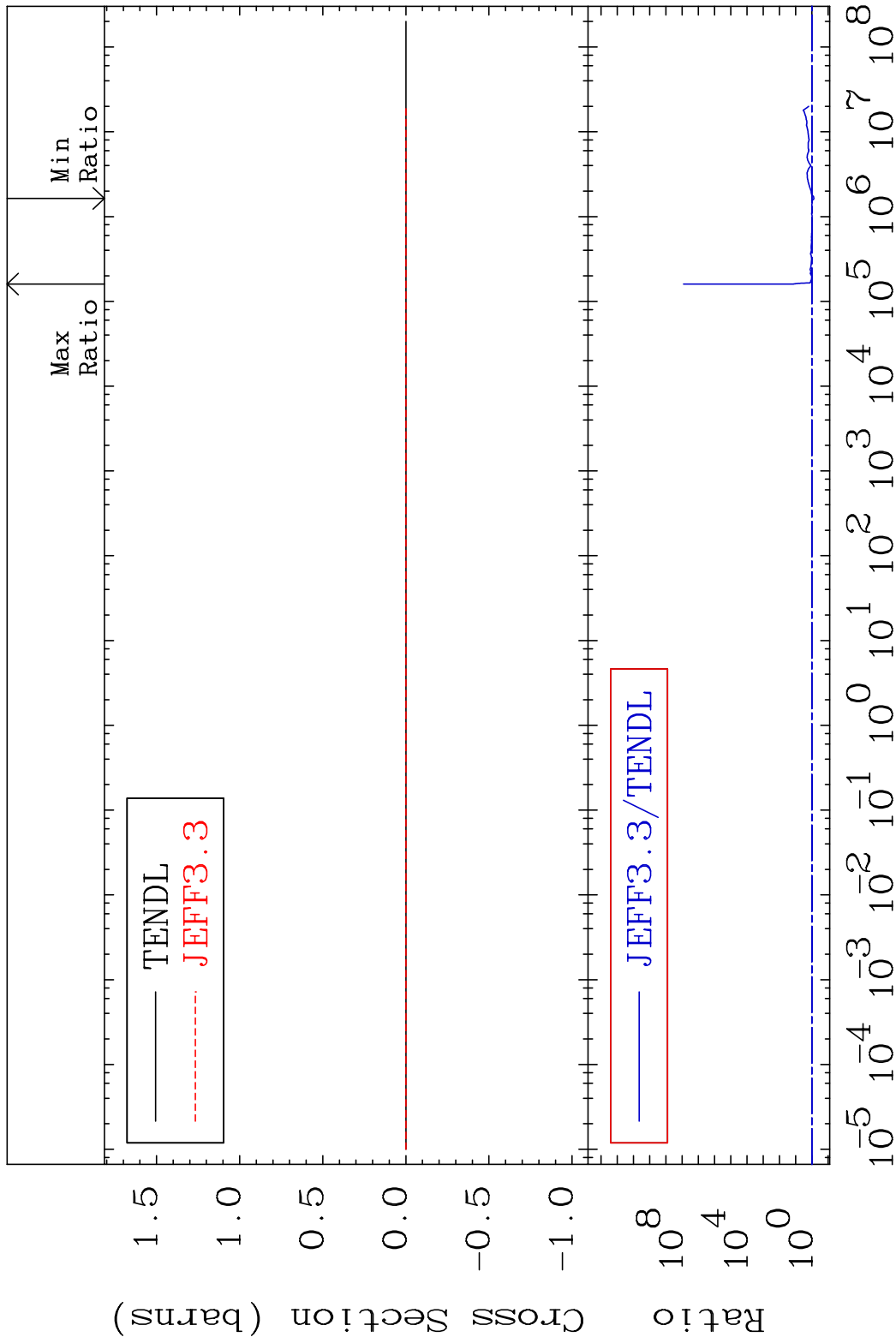


40 Incident Energy (eV) 50-Sn-117

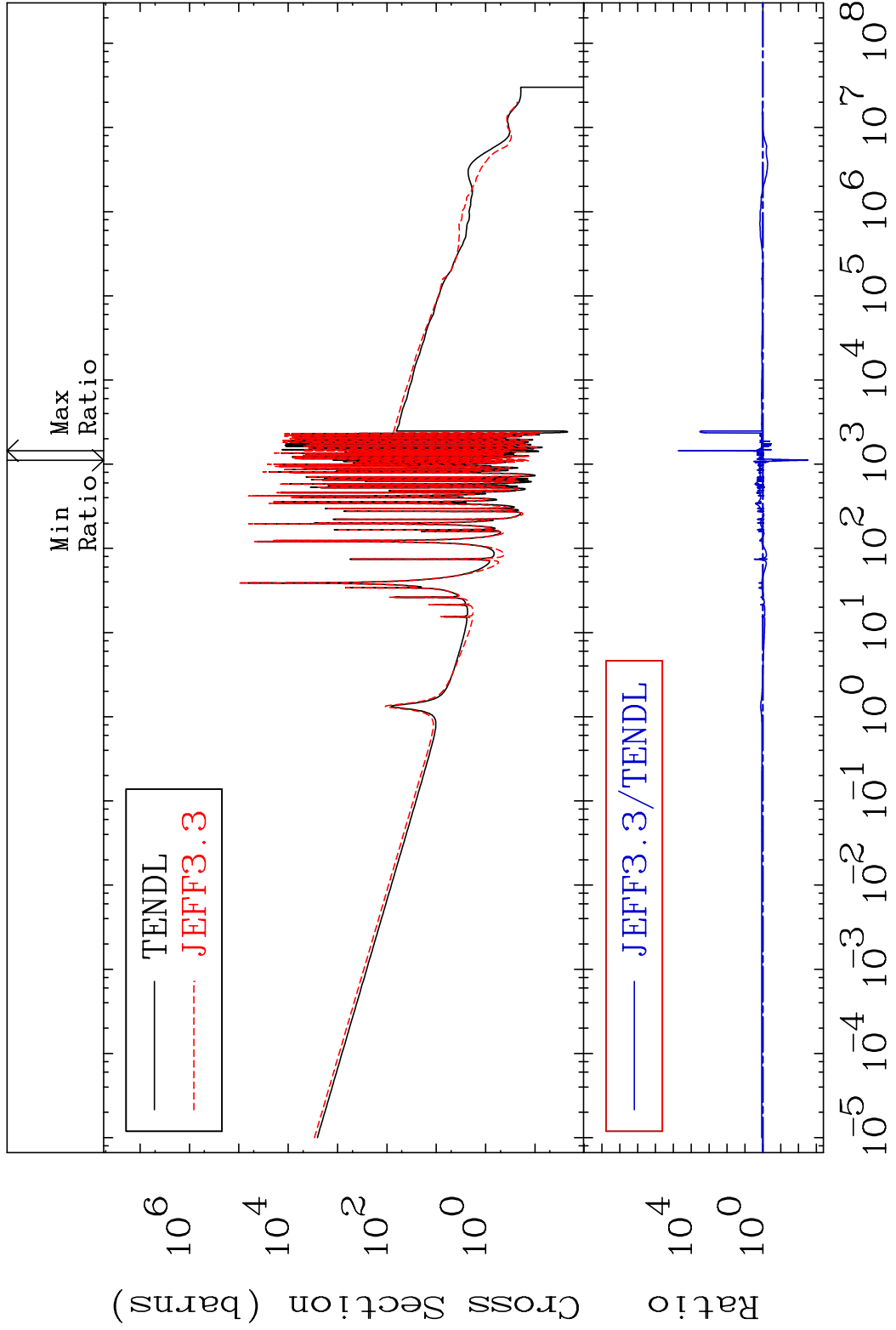
MAT 5040 Kerma inelastic (mt51-91) 50-Sn-117
 Cross Section -23.89 To 9999. %



MAT 5040 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-117
 Cross Section -23.89 To 9999. %

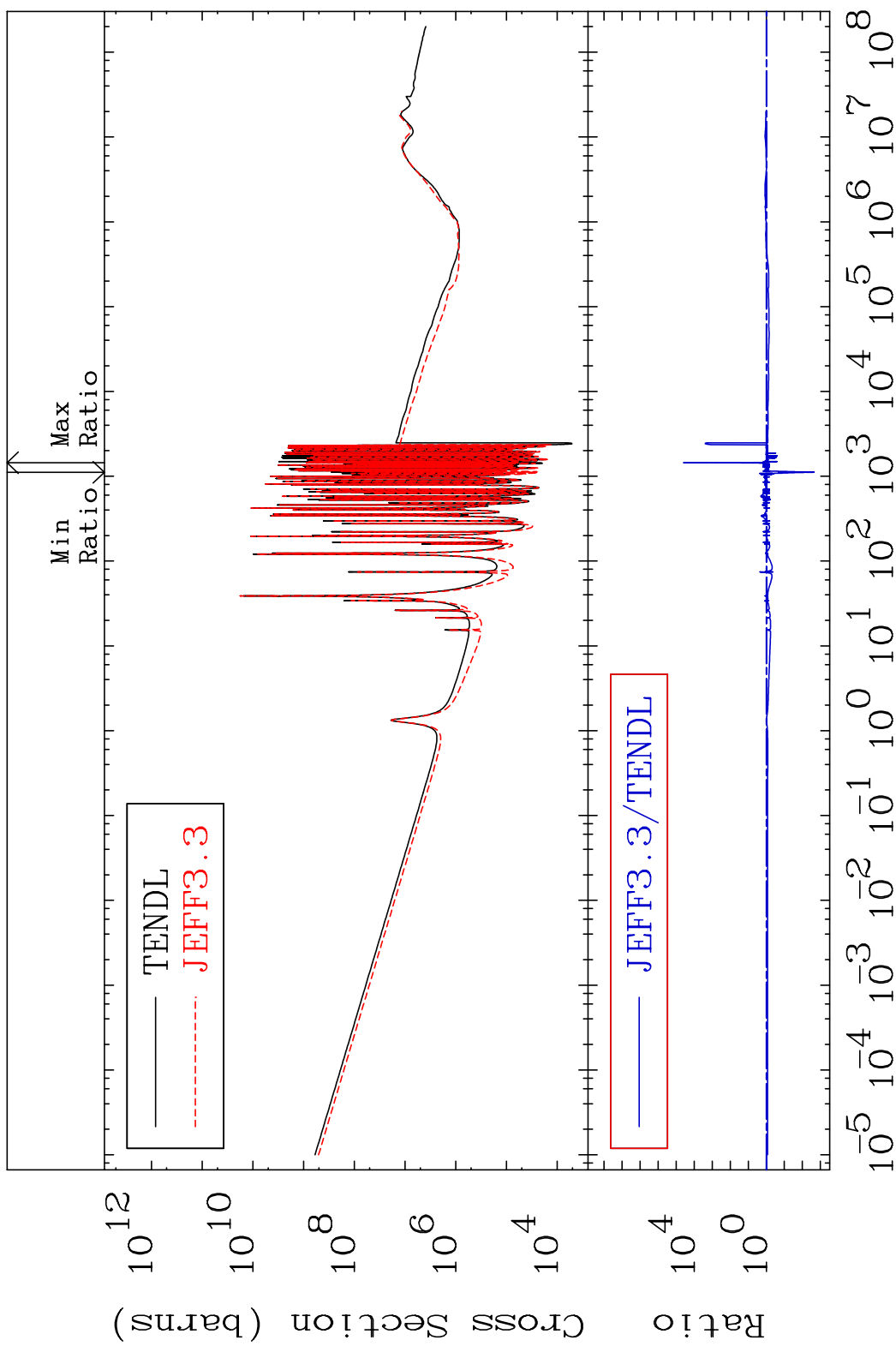


MAT 5040 Kerma capture (mt102) 50-Sn-117
 Cross Section -99.69 To 9999. %



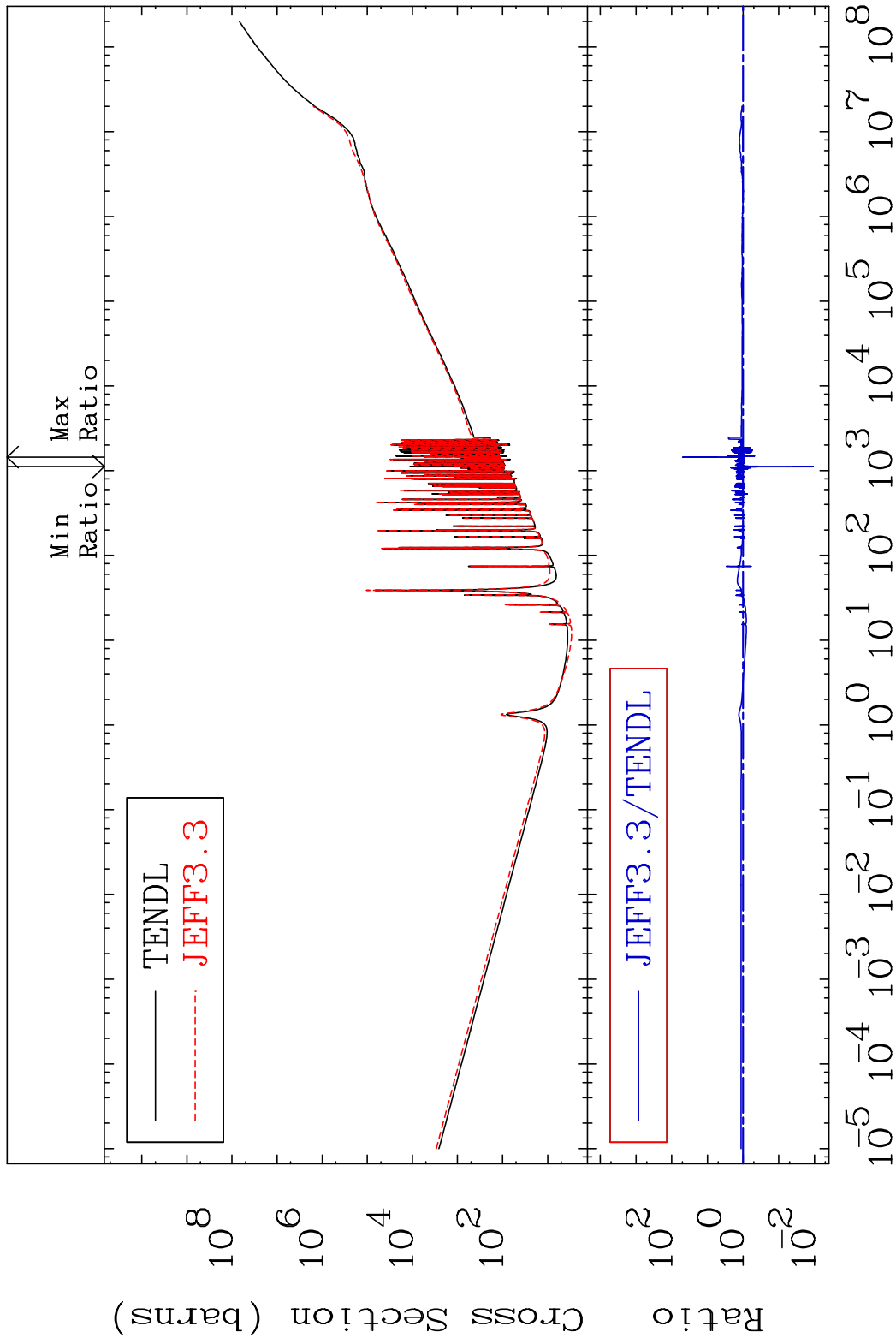
43 Incident Energy (eV) 50-Sn-117

MAT 5040 Total photon (eV-barns) 50-Sn-117
 Cross Section -99.77 To 9999. %

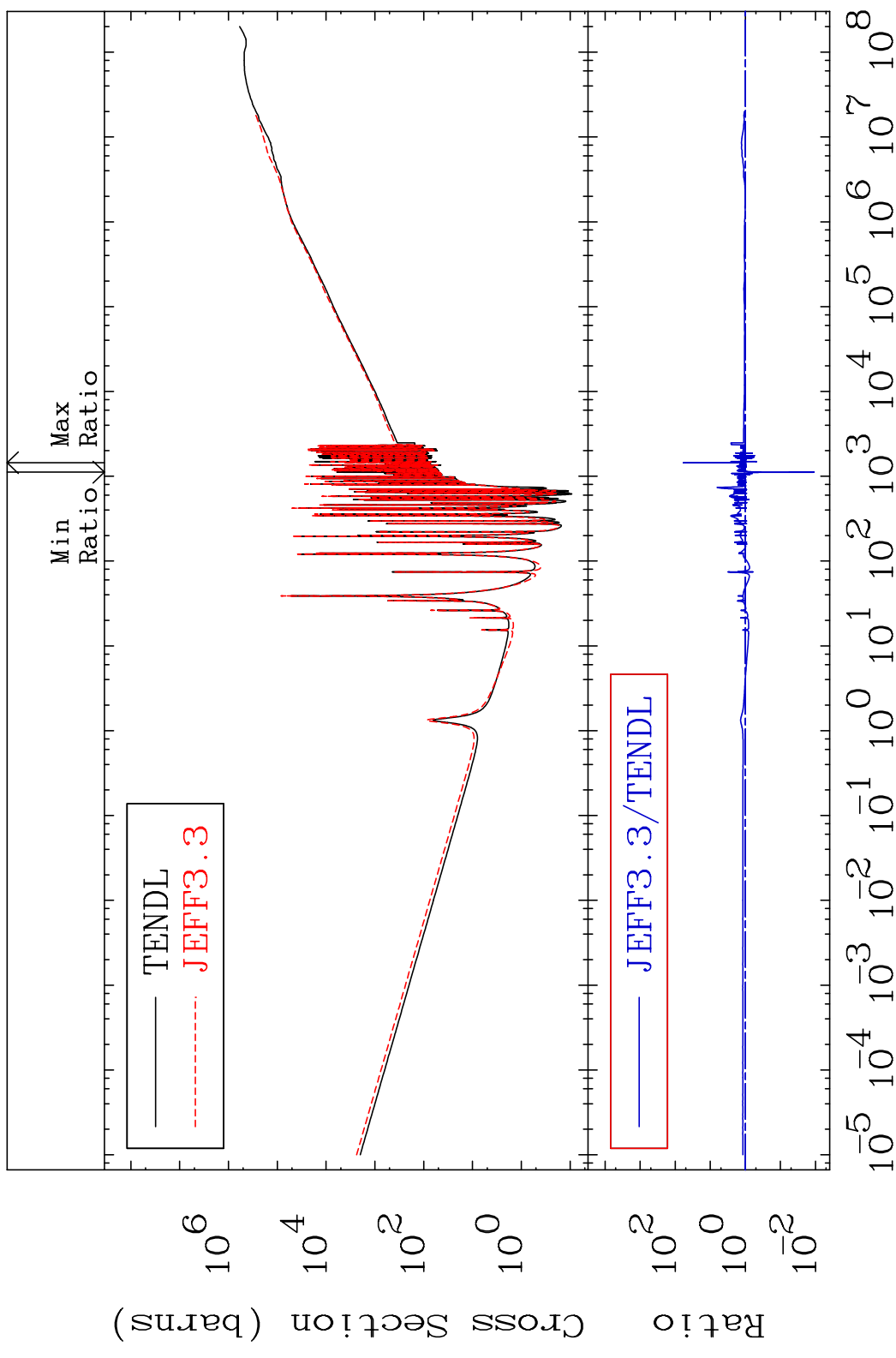


44 Incident Energy (eV) 50-Sn-117

MAT 5040 Total kinematic kerma (high limit) 50-Sn-117
Cross Section -98.90 To 4779. %

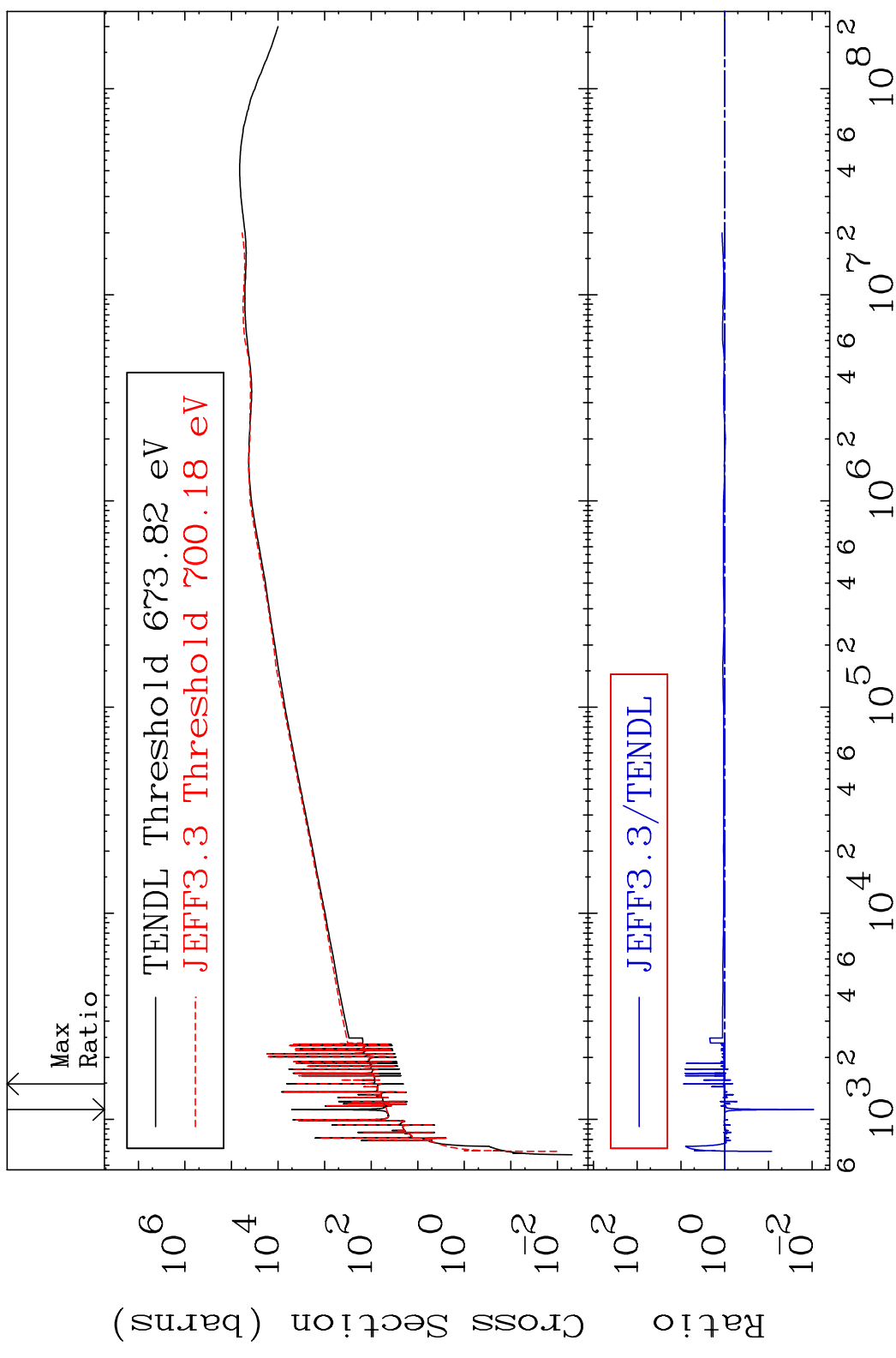


MAT 5040 Dpa total (eV-barns) 50-Sn-117
 Cross Section -98.89 To 5734. %

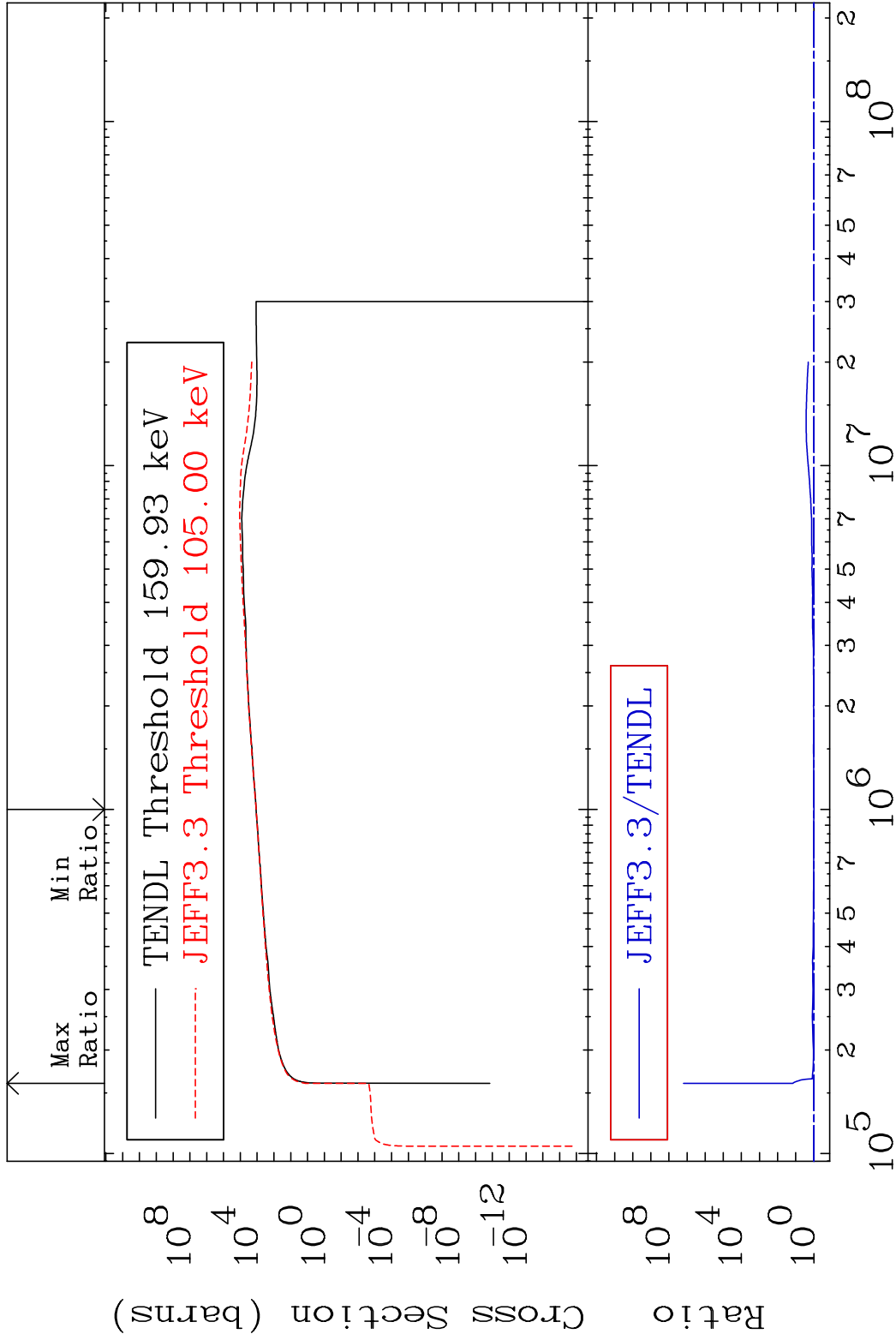


46 Incident Energy (eV) 50-Sn-117

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

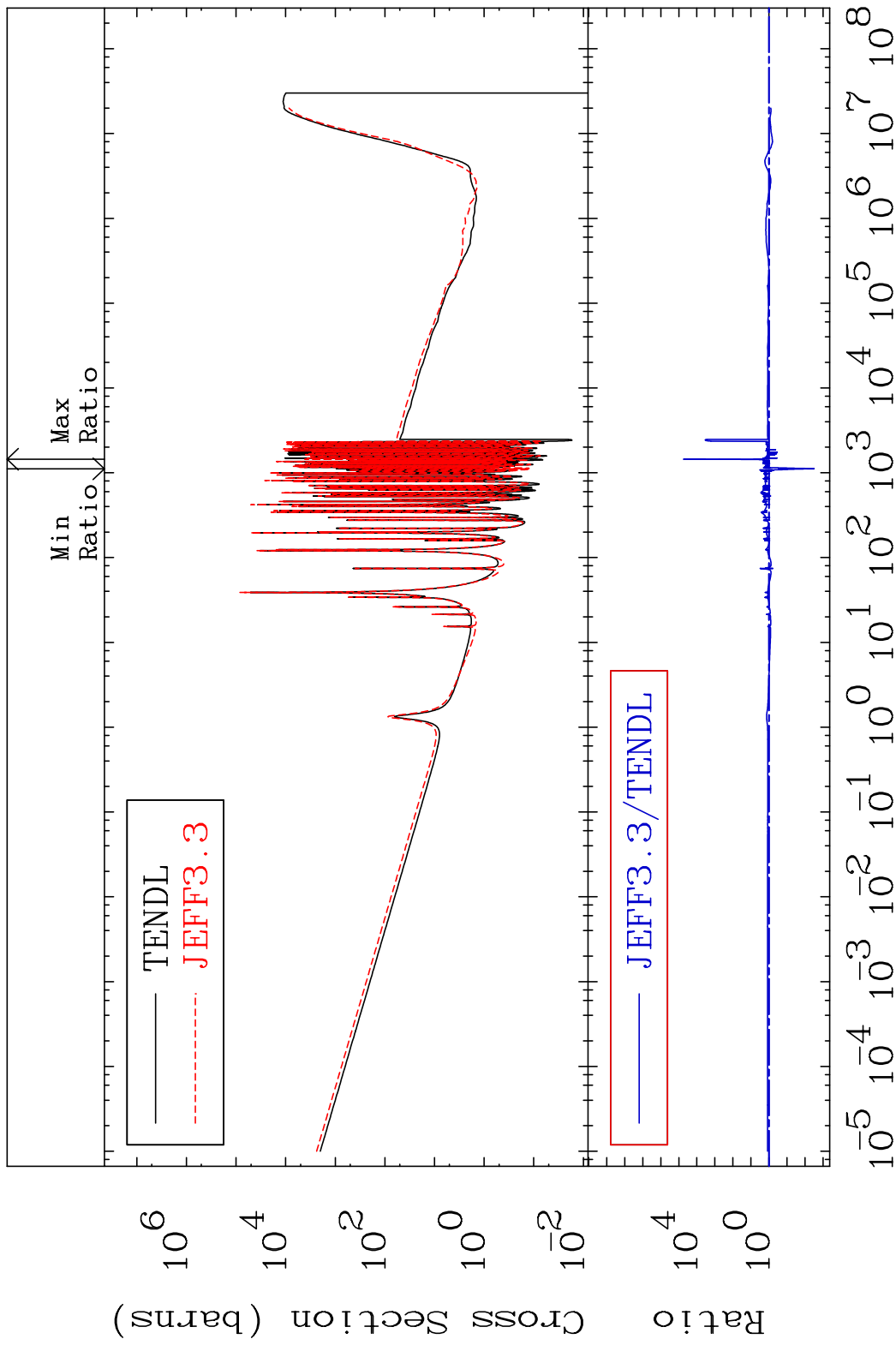


MAT 5040 Dpa inelastic (mt51-91) 50-Sn-117
 Cross Section -0.772 To 9999. %



48 Incident Energy (eV) 50-Sn-117

MAT 5040 Dpa disappearance (mt102 -120) 50-Sn-117
Cross Section -99.68 To 9999. %



49 Incident Energy (eV) 50-Sn-117