

Program Complot
(Version 2021-1)

by

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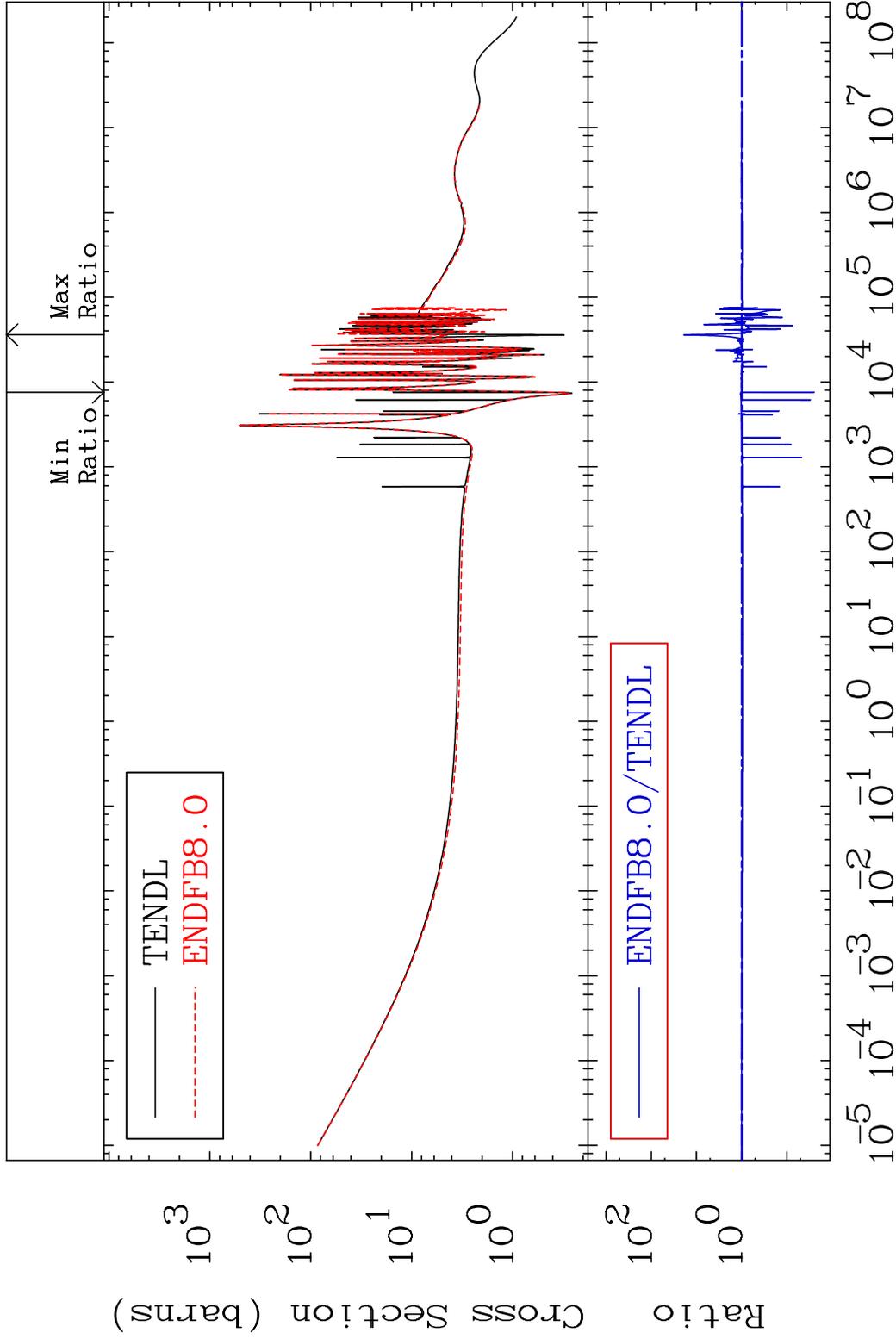
Press Mouse Button to Start

MAT 2228

Total

²²Ti-47

Cross Section -97.51 To 1829. %



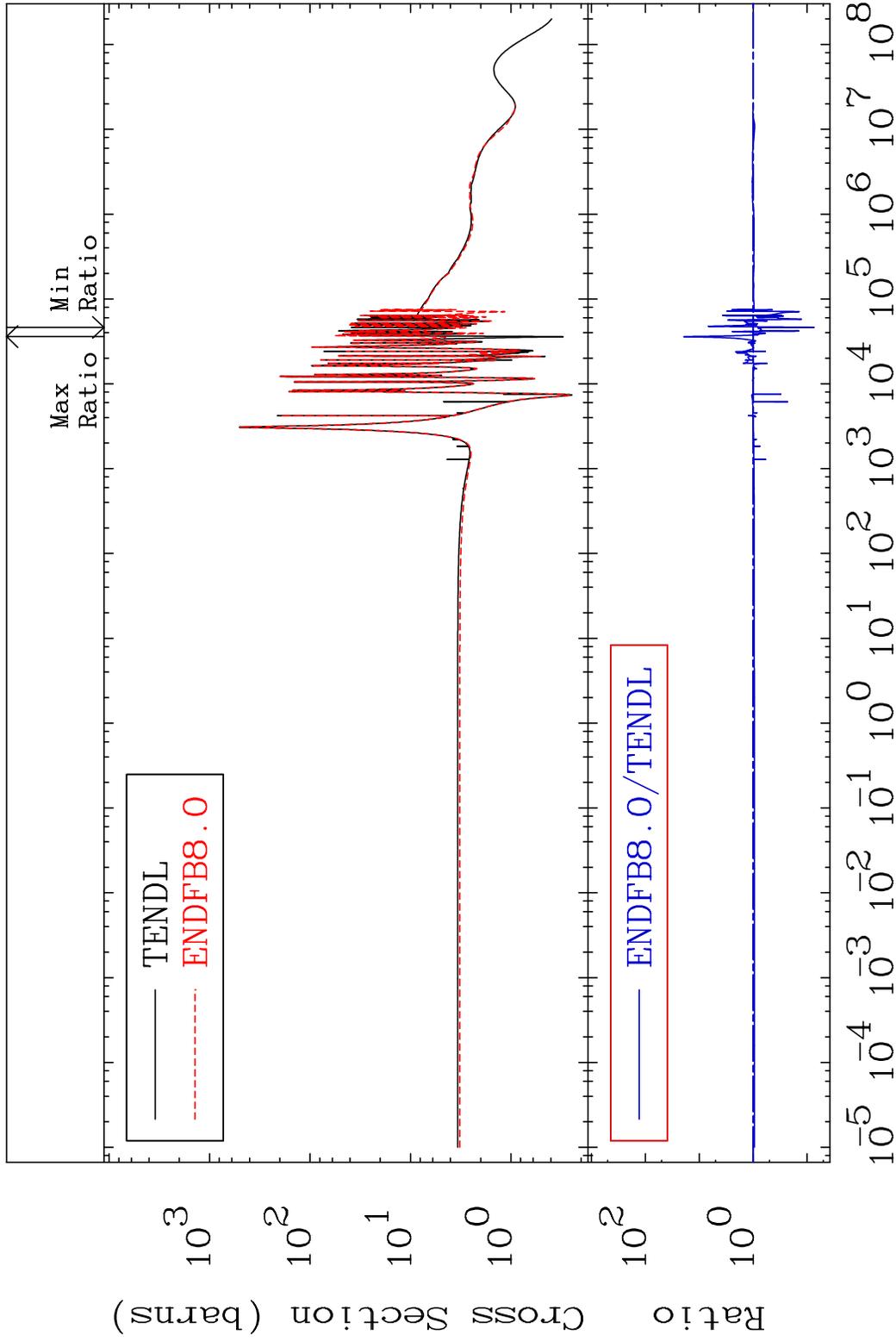
1 Incident Energy (eV) ²²Ti-47

MAT 2228

Elastic

22-Ti-47

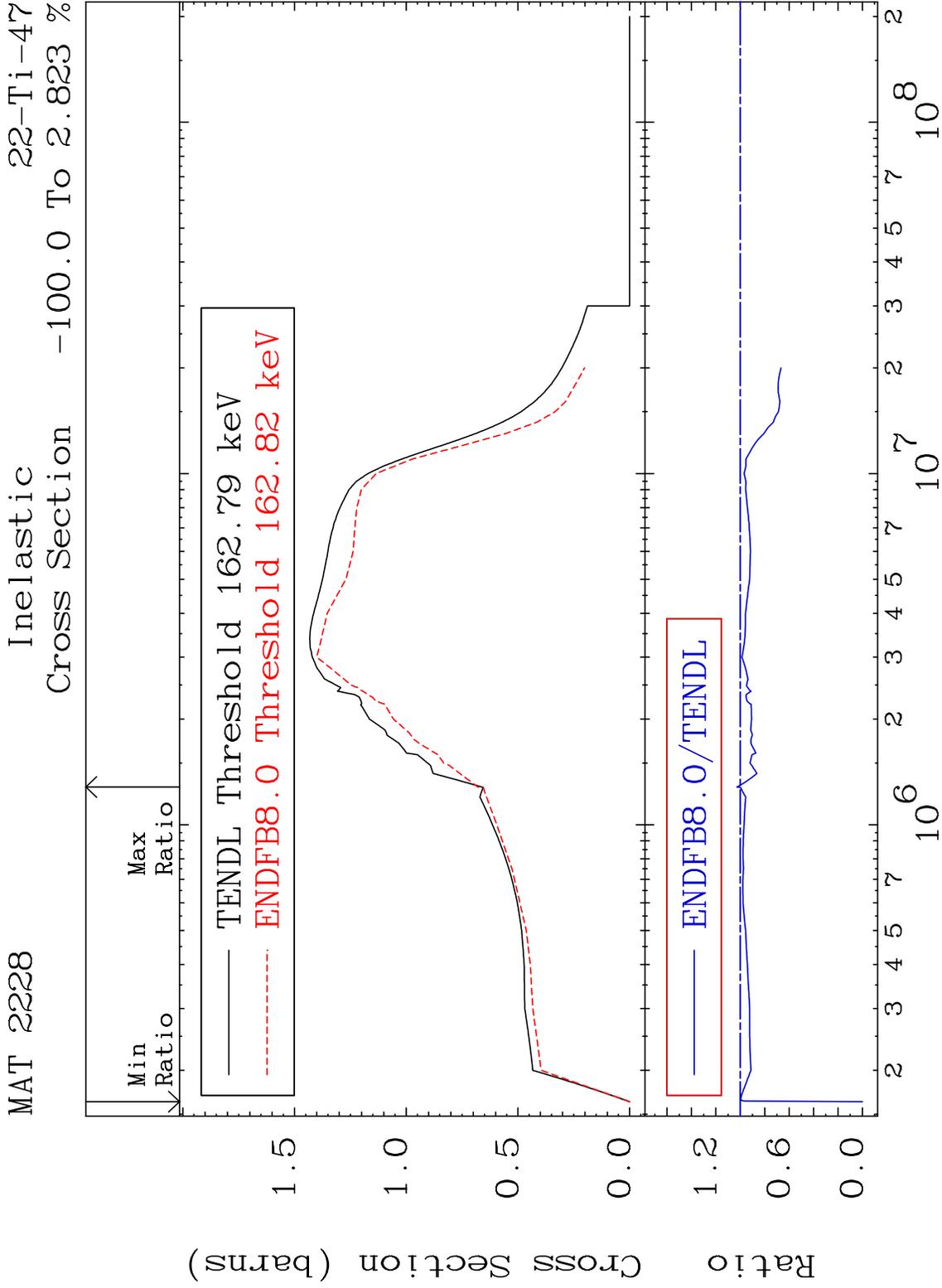
Cross Section -92.57 To 1860. %



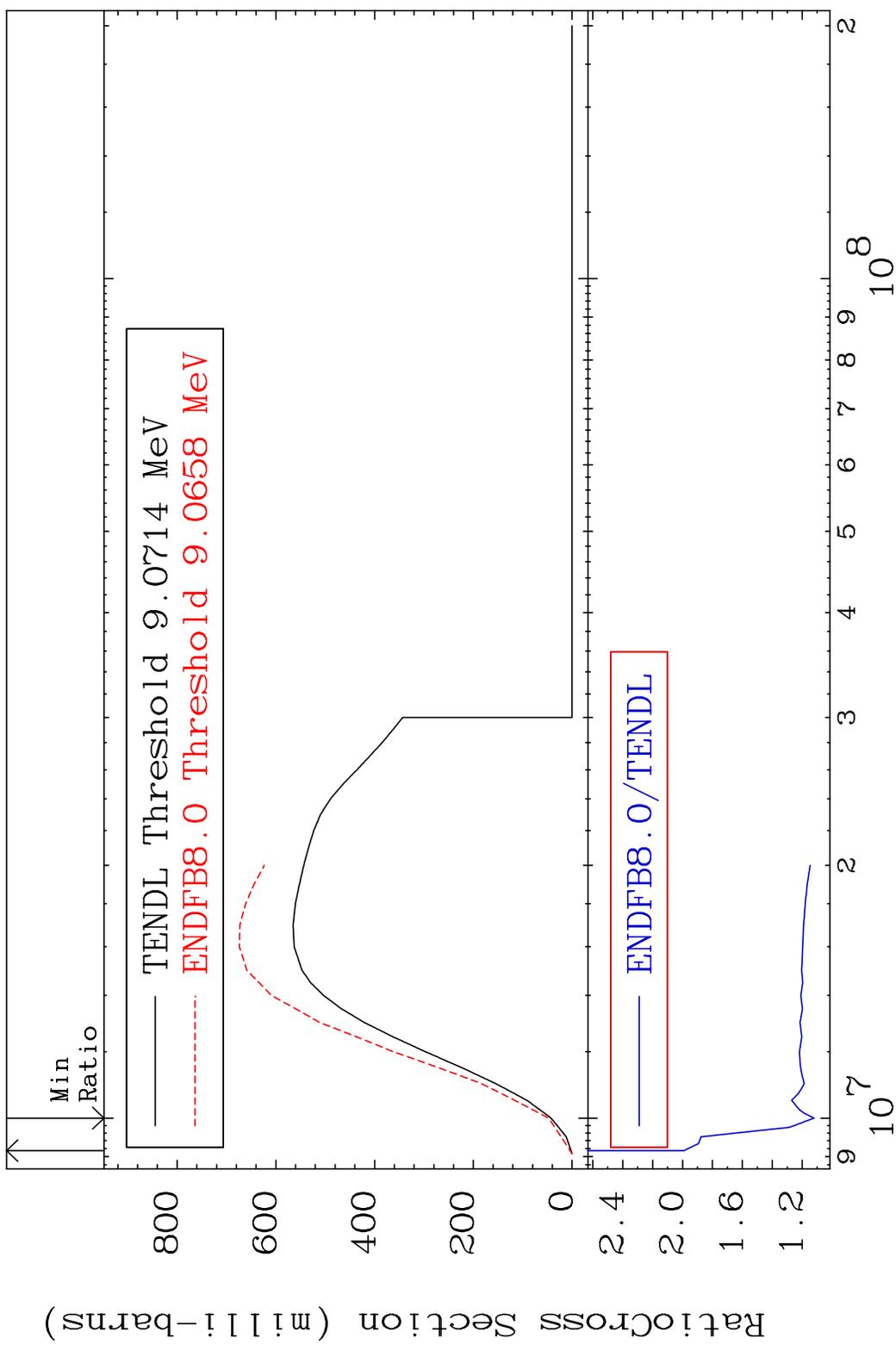
2

Incident Energy (eV)

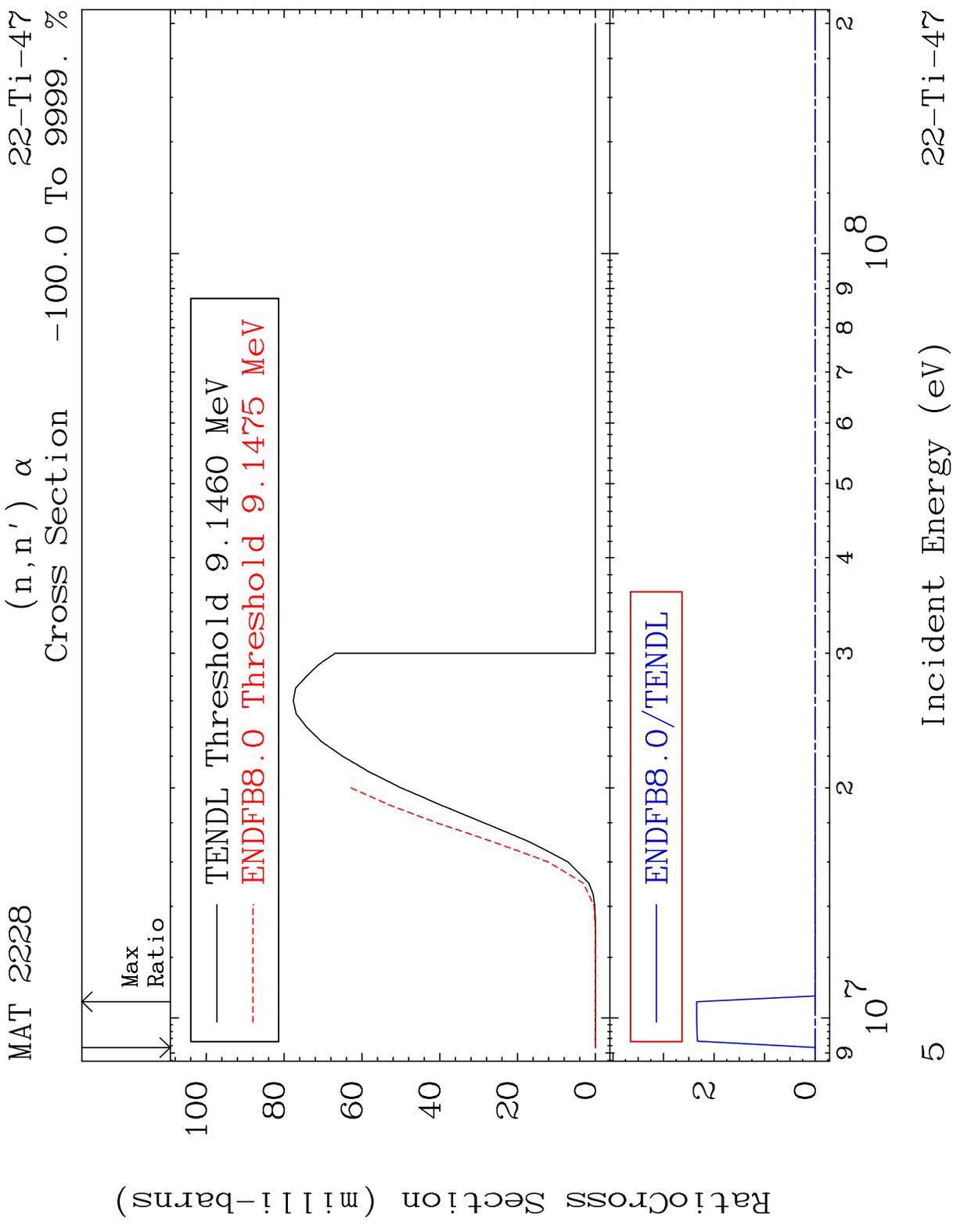
22-Ti-47



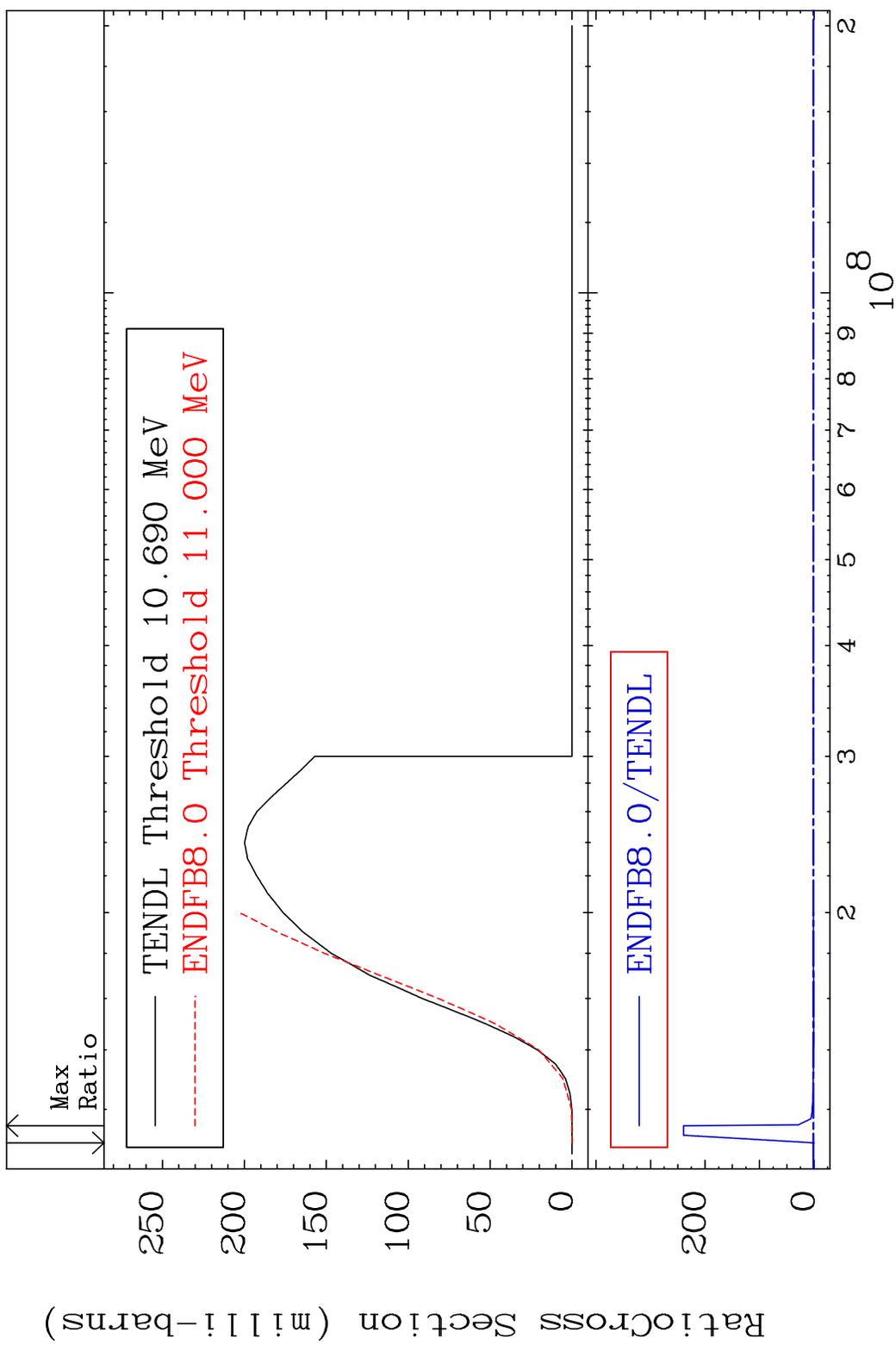
MAT 2228 (n,2n) 22-Ti-47
 Cross Section 12.08 To 99.34 %



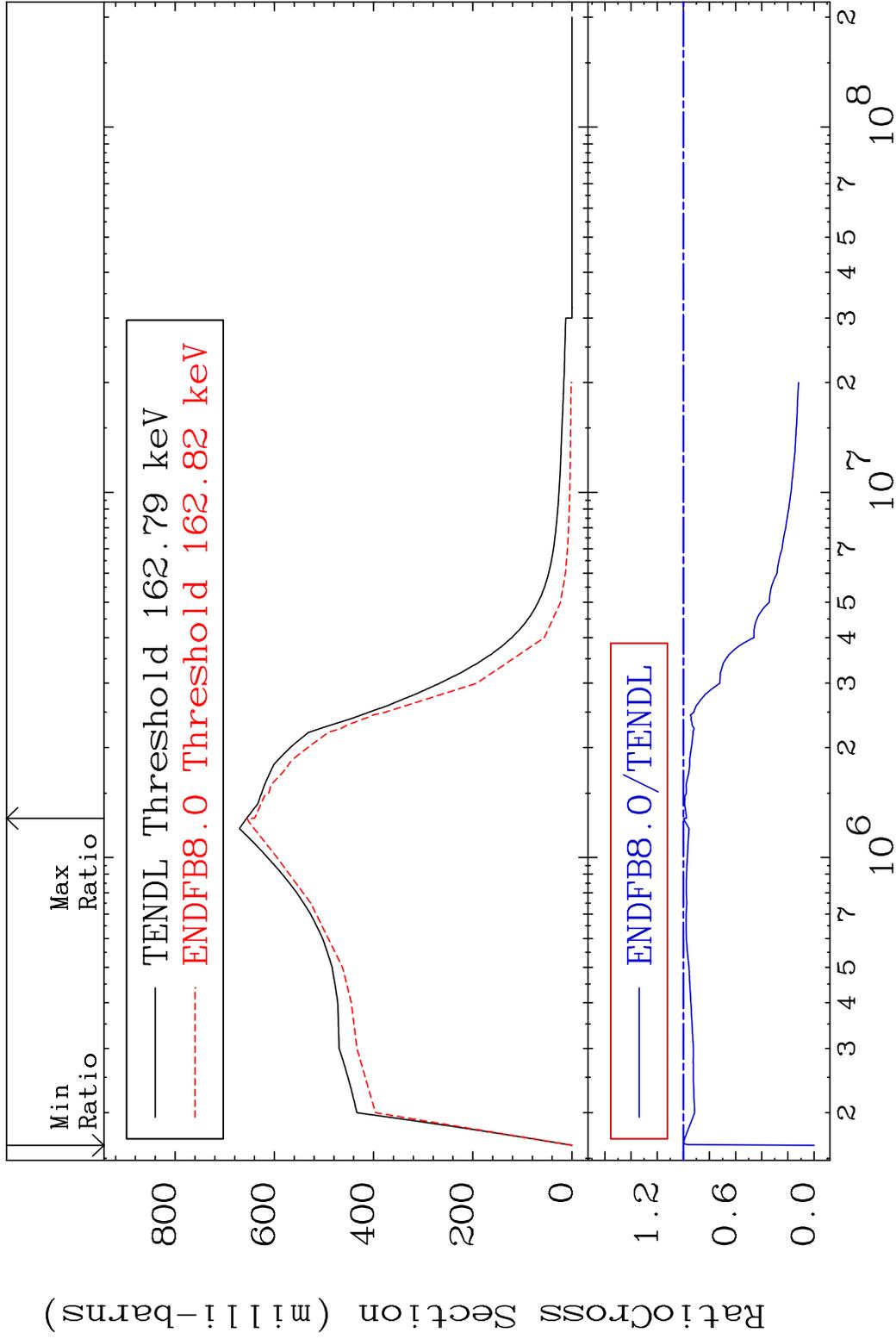
4 22-Ti-47



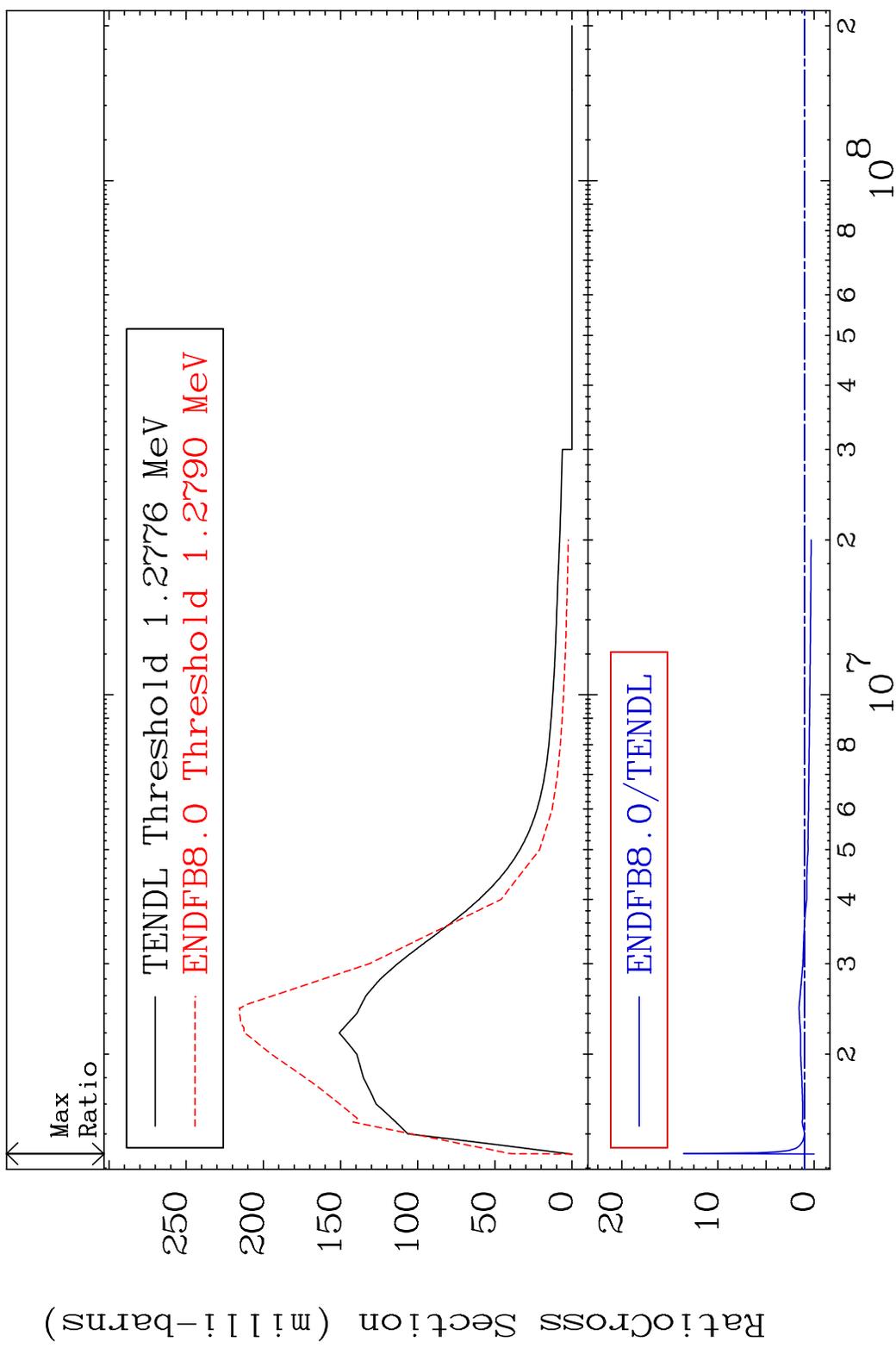
MAT 2228 (n, n') p 22-Ti-47
 Cross Section -100.0 To 9999. %



MAT 2228 MT= 51 (n, n') Level 22-Ti-47
 Cross Section -100.0 To -0.153%

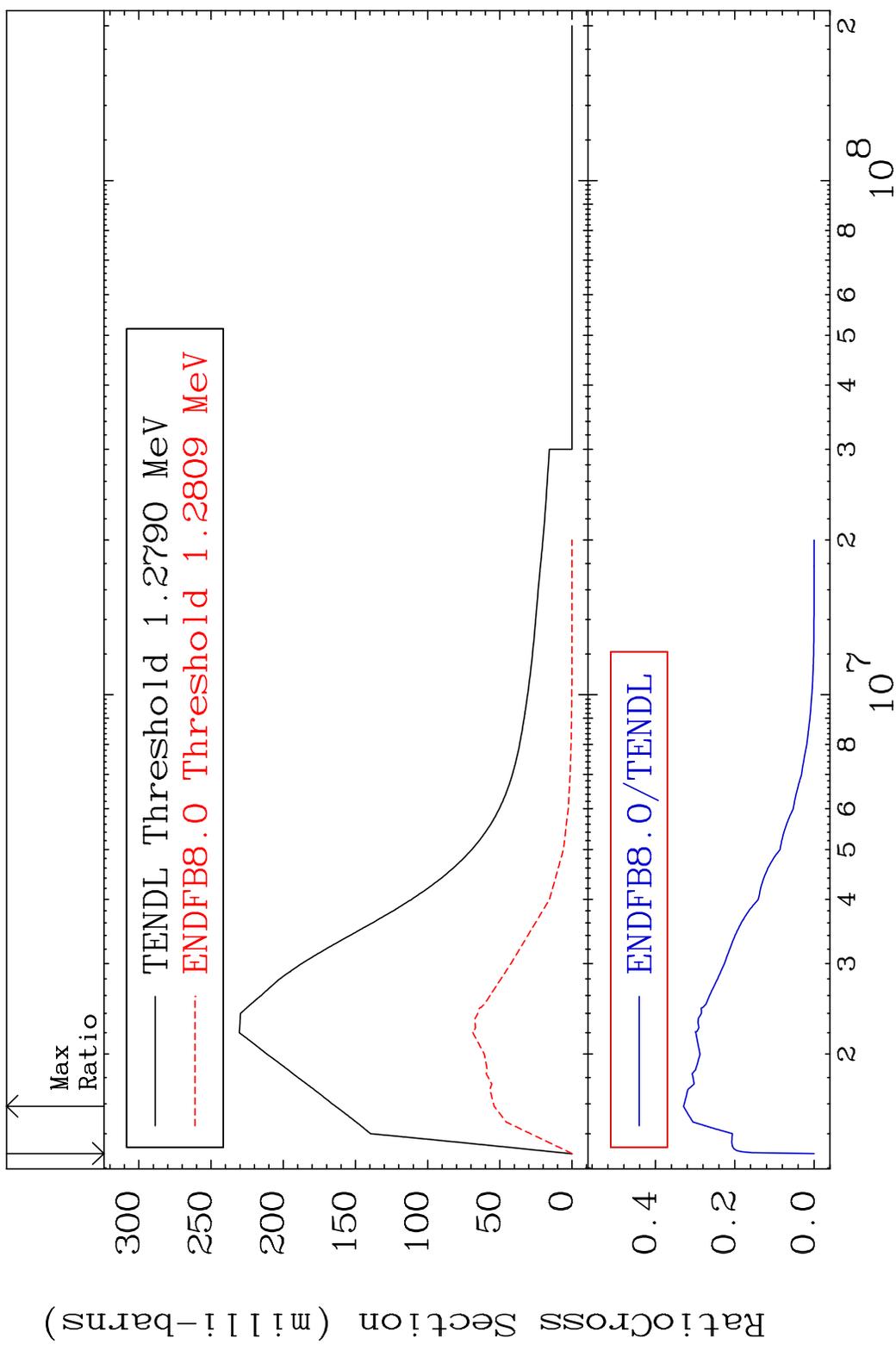


MAT 2228 MT= 52 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 1258. %

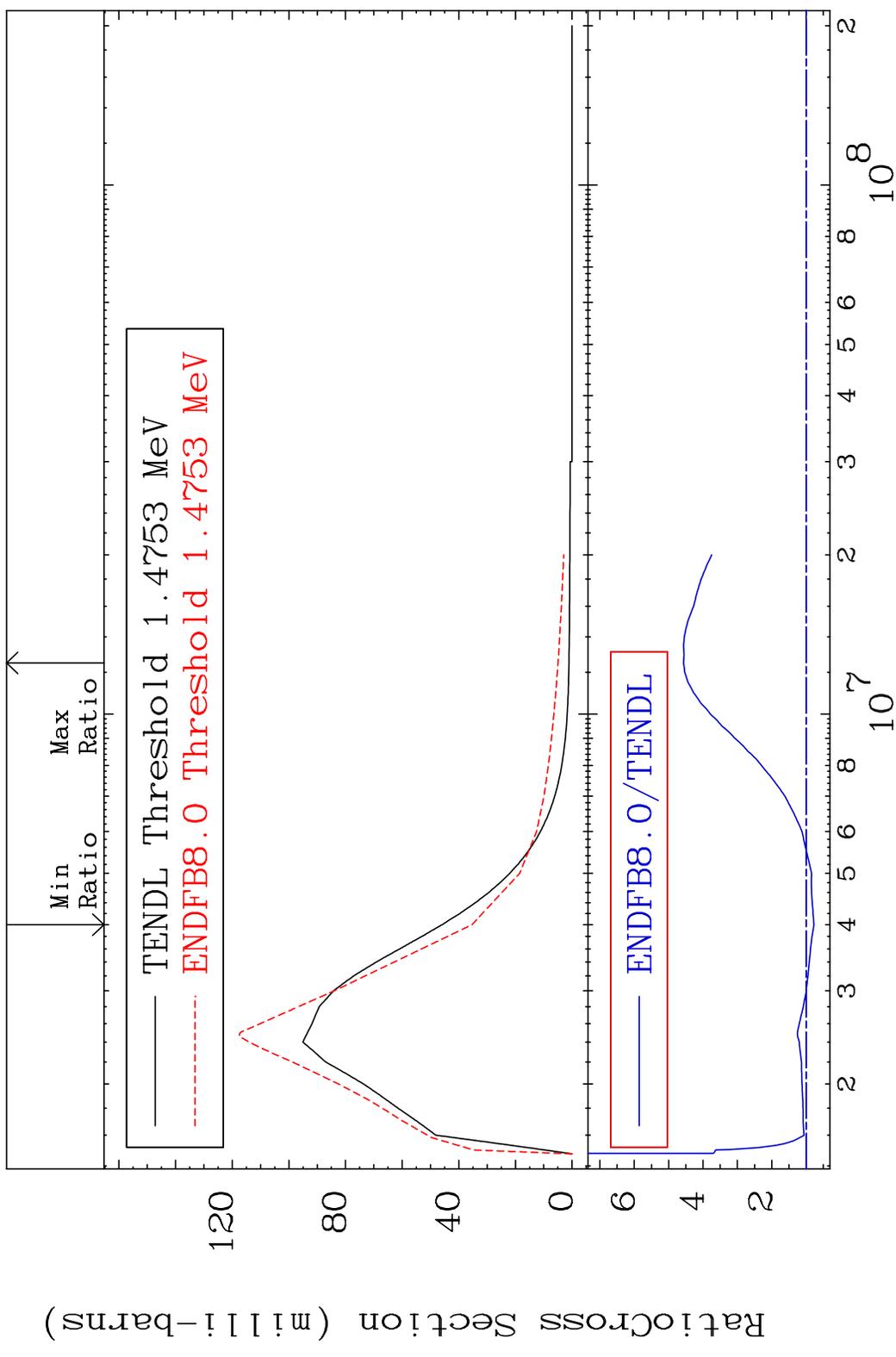


8 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 53 (n, n') Level 22-Ti-47
 Cross Section -100.0 To -67.06%

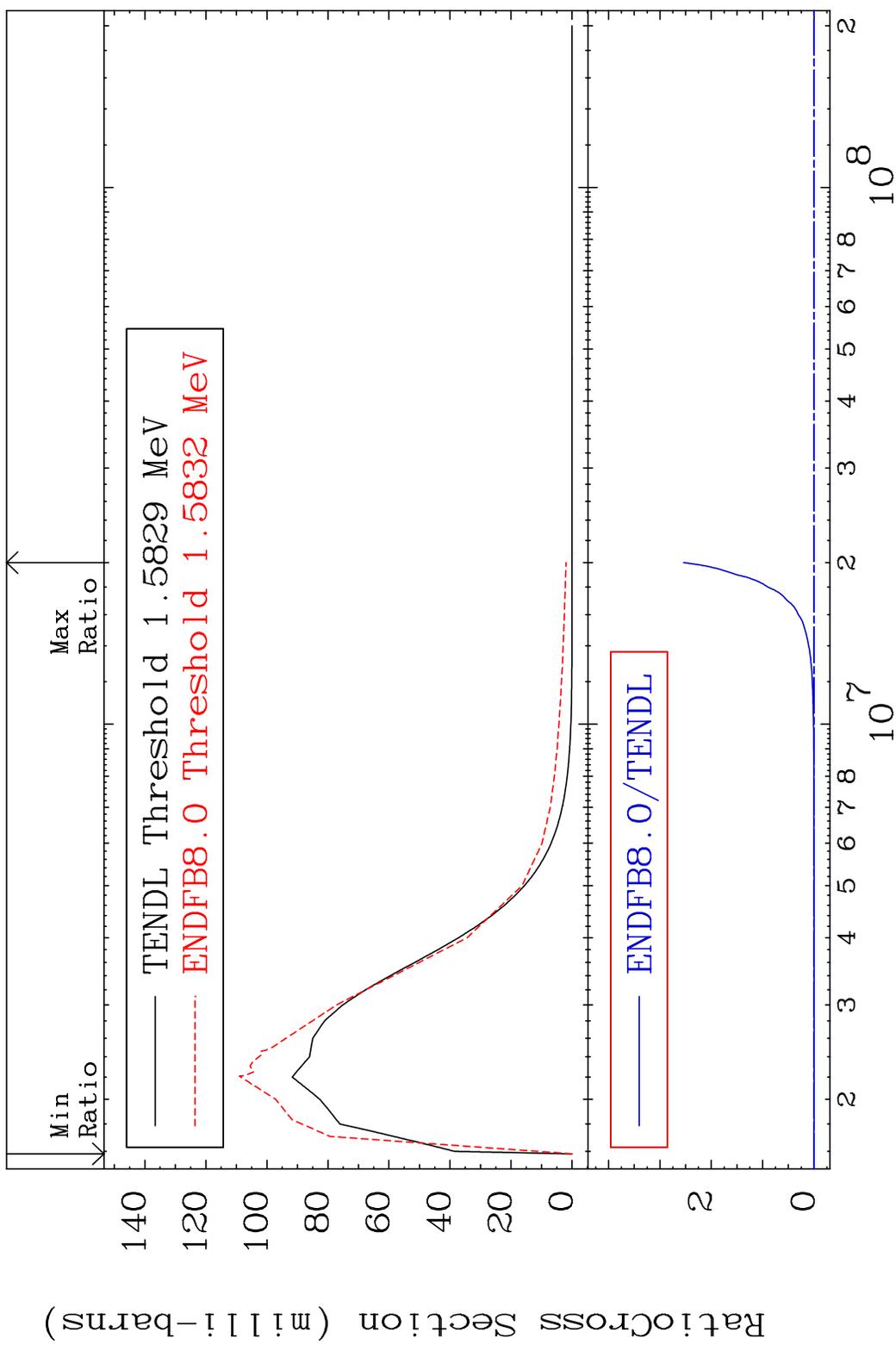


MAT 2228 MT= 54 (n, n') Level 22-Ti-47
 Cross Section -23.06 To 356.7 %



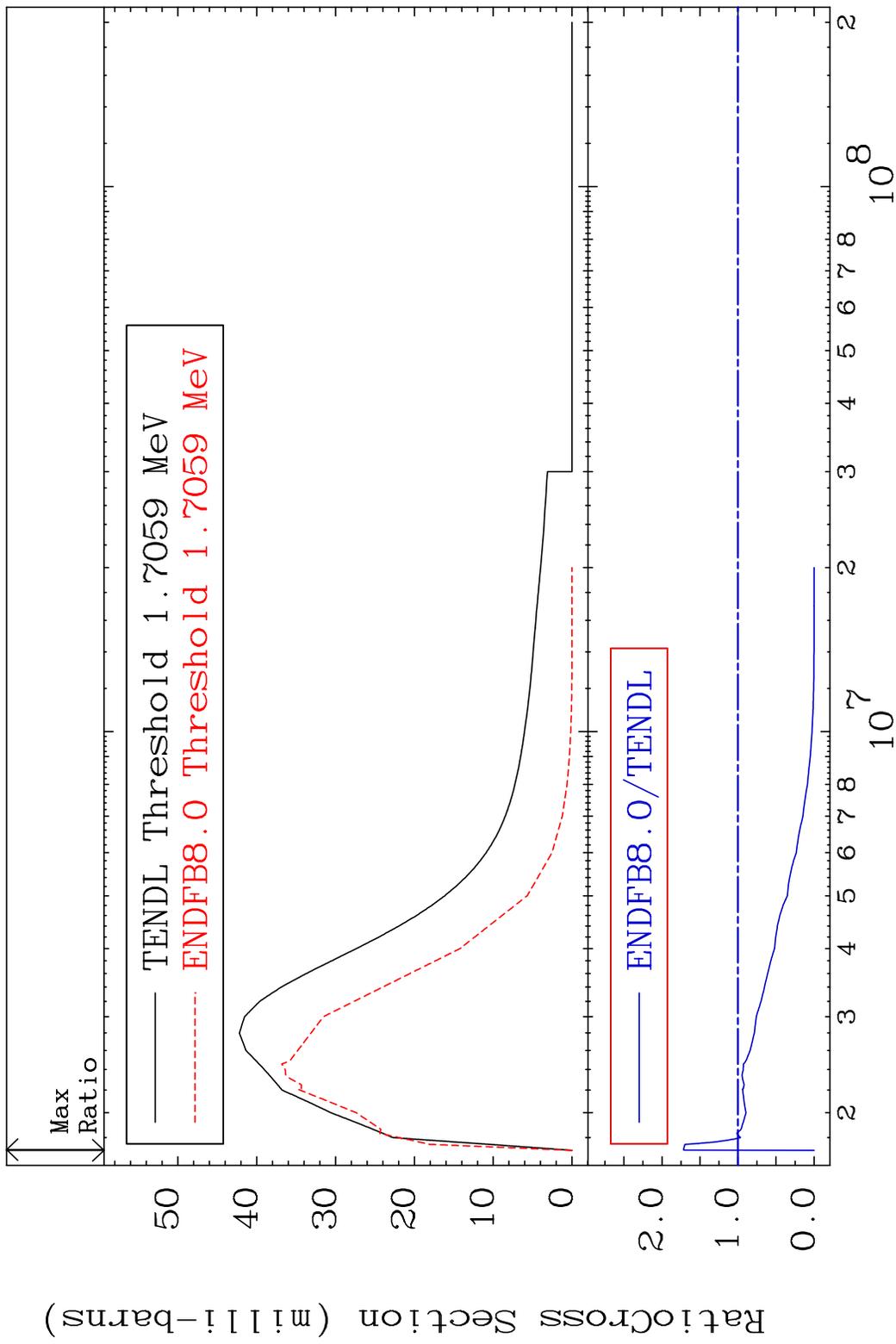
10 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 55 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 9999. %



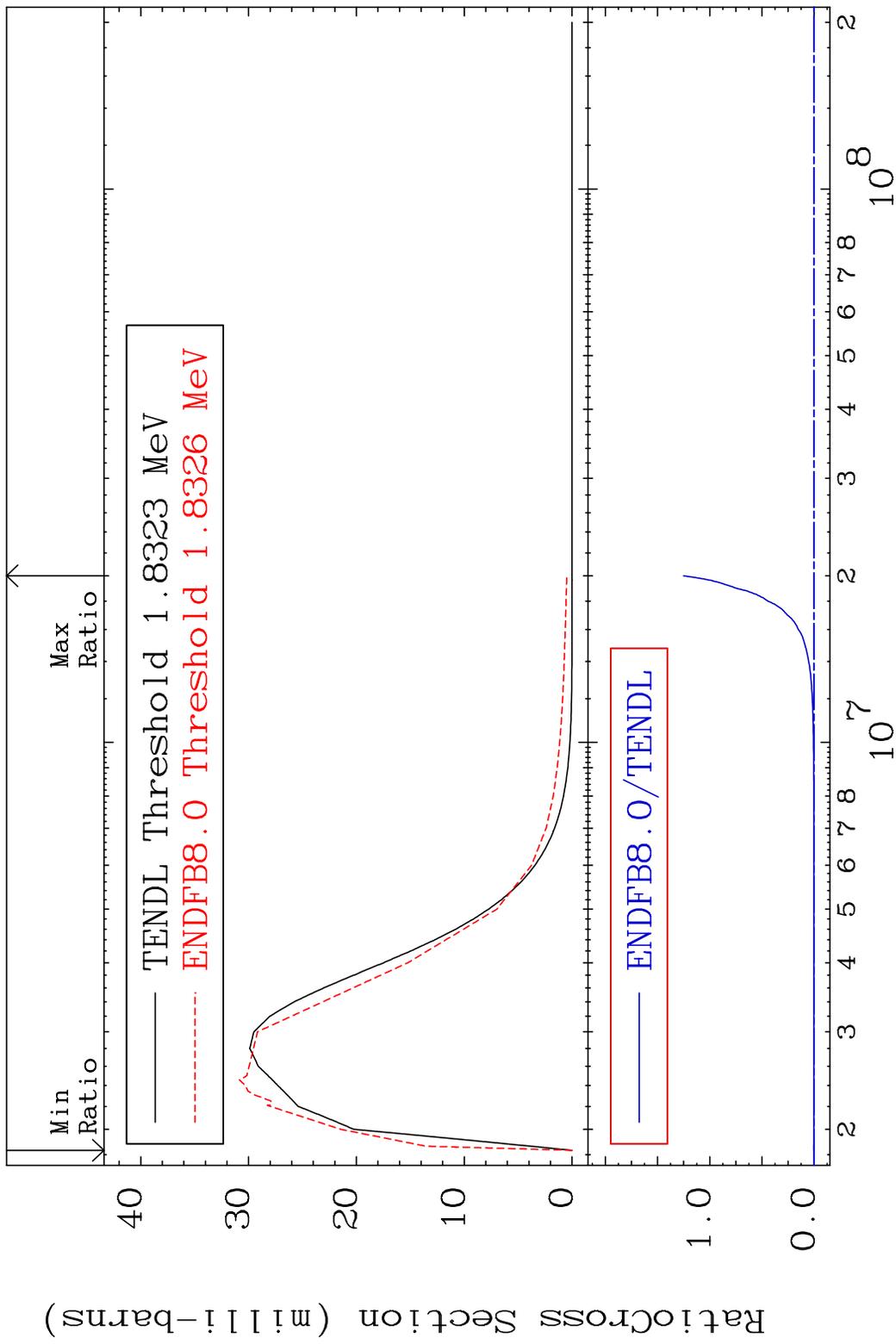
11 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 56 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 71.67 %



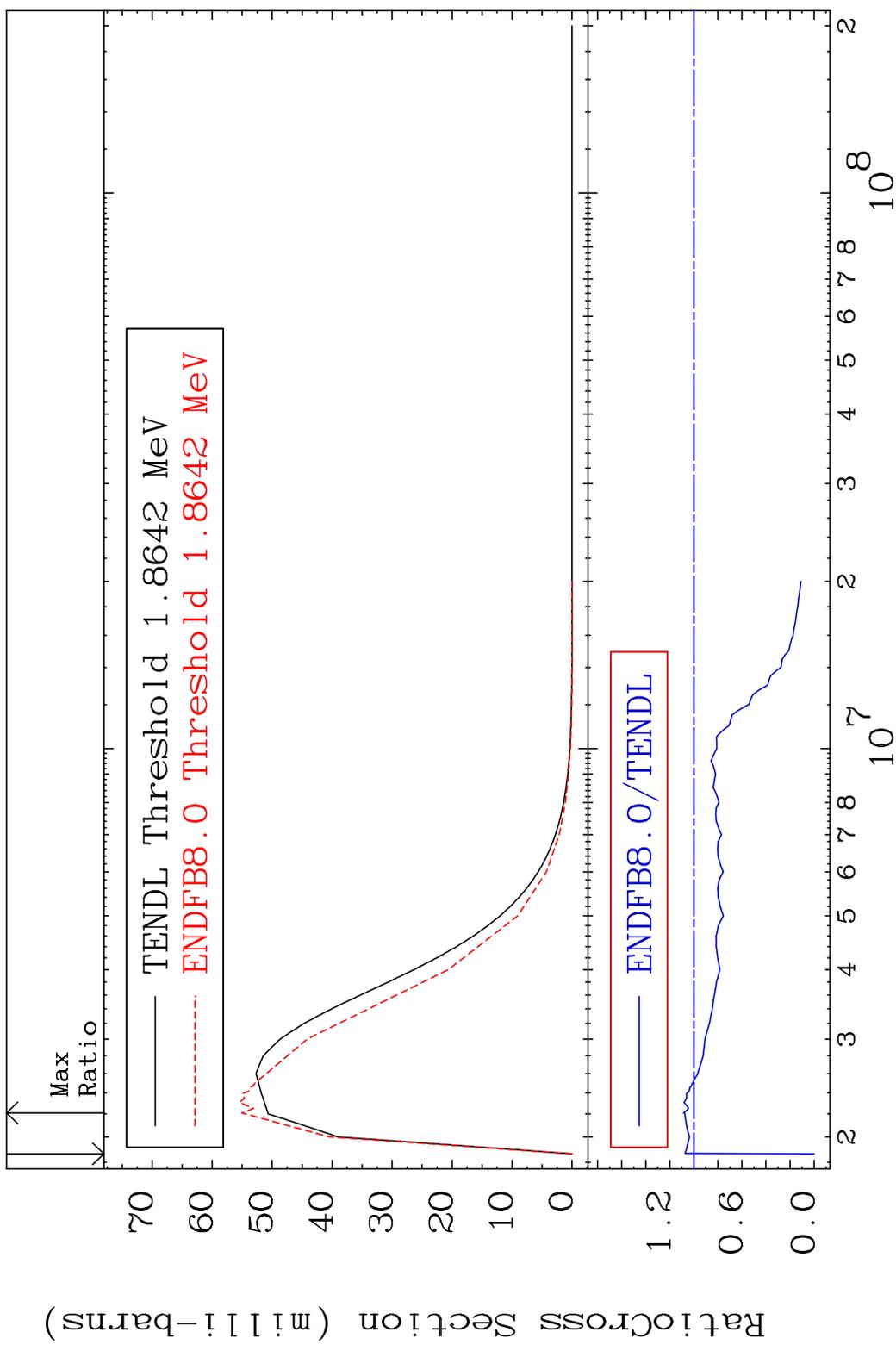
12 22-Ti-47

MAT 2228 MT= 57 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 9999. %



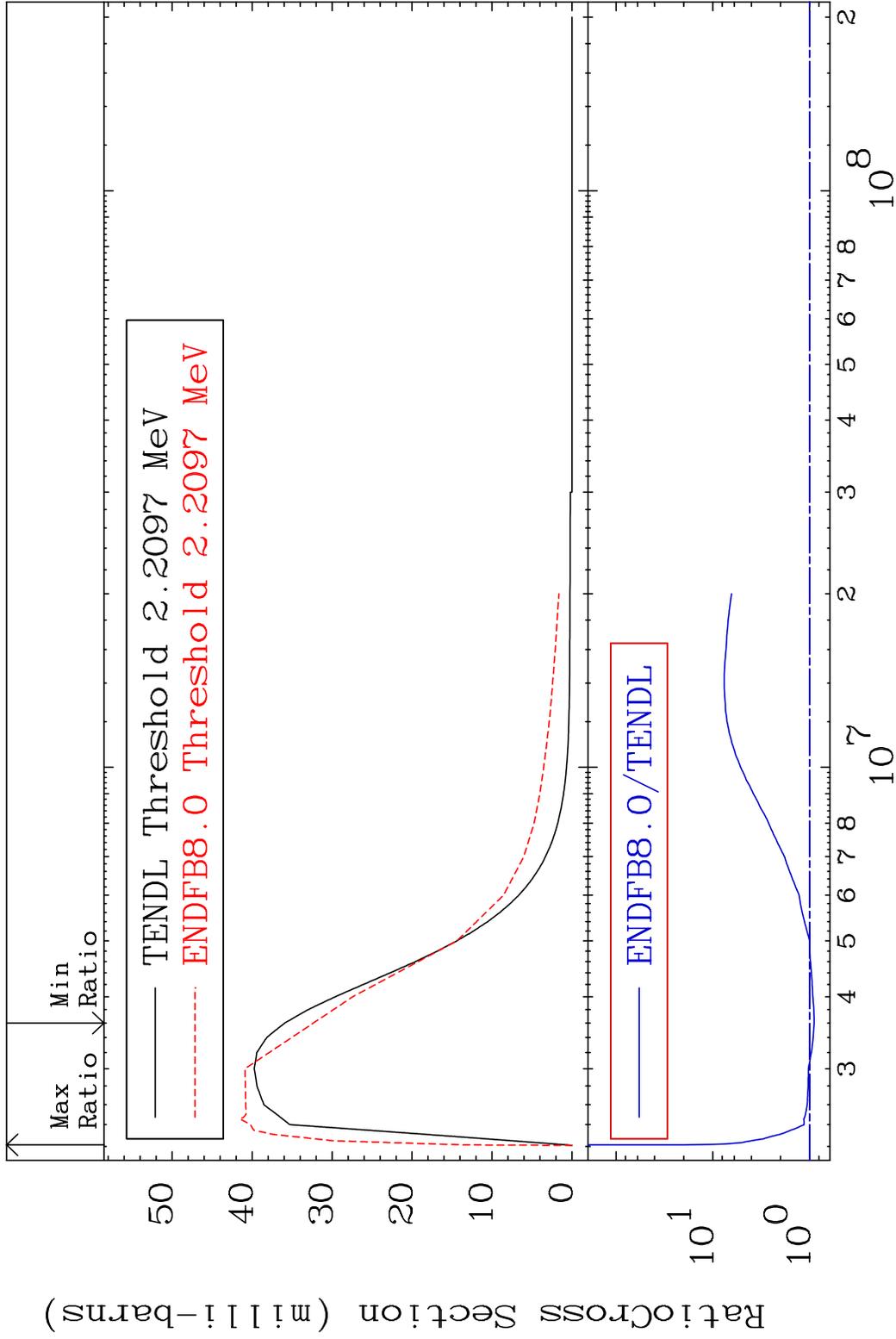
13 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 58 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 8.563 %



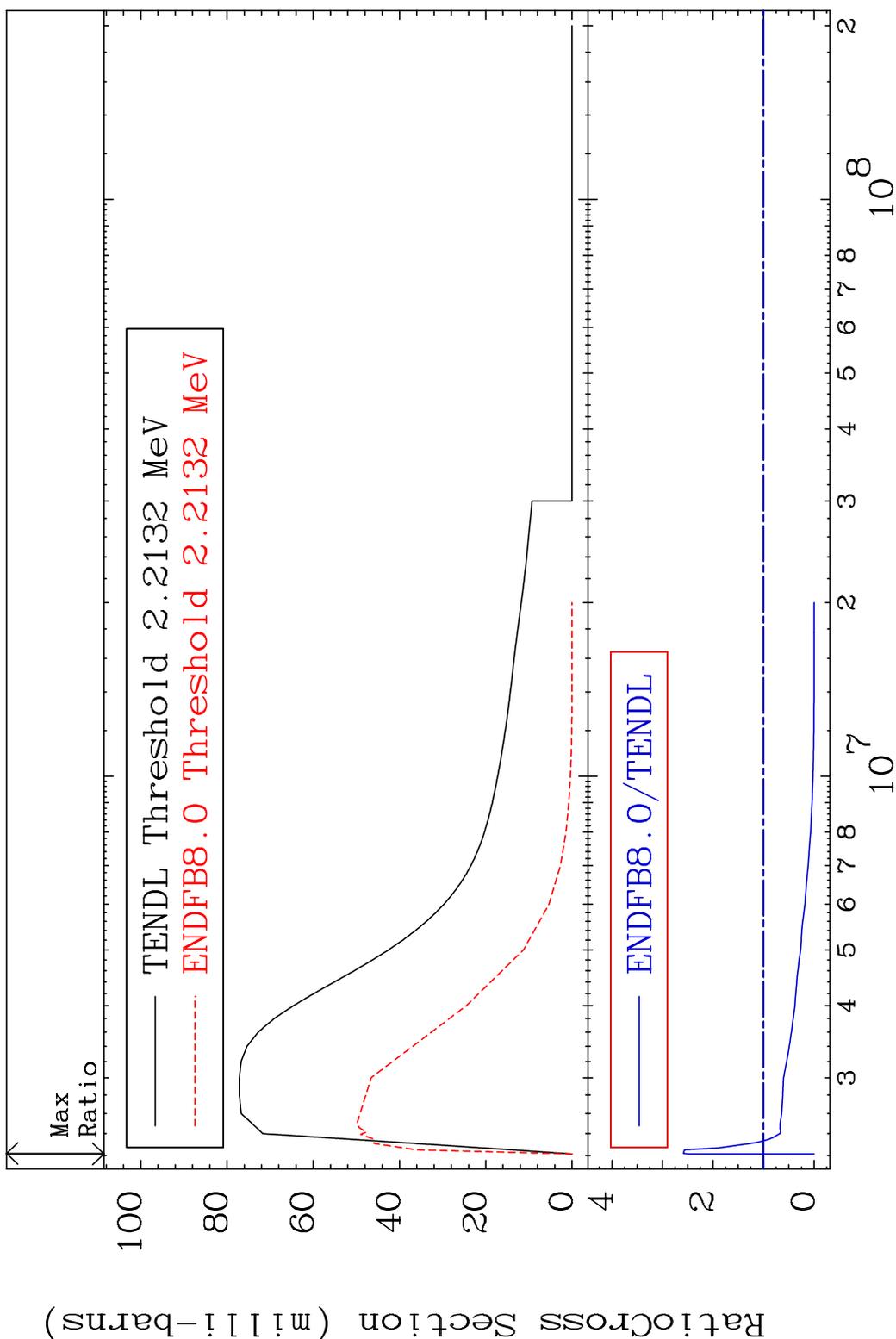
14 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 59 (n, n') Level 22-Ti-47
 Cross Section -9.976 To 1908. %



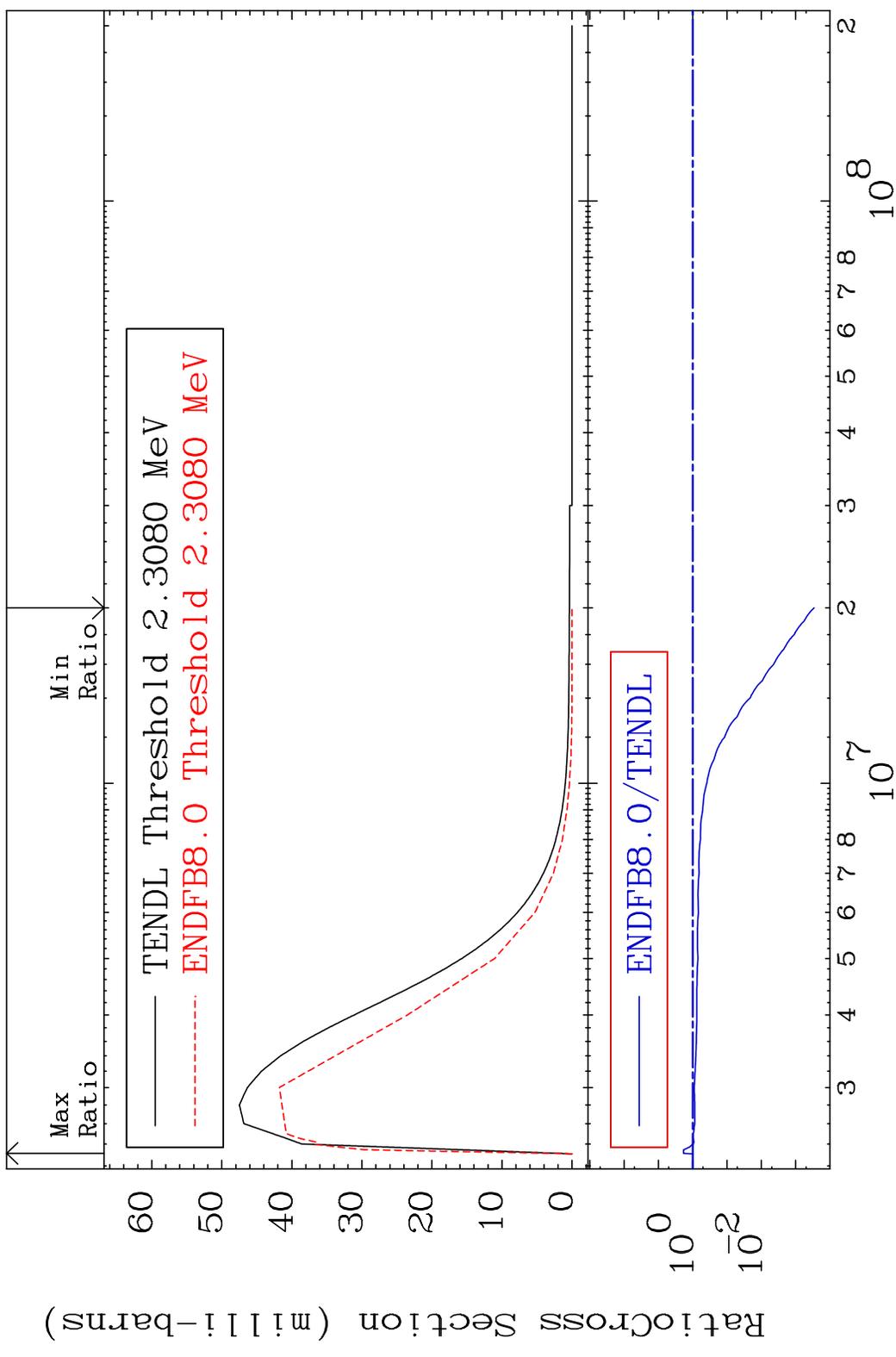
15 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 60 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 158.3 %



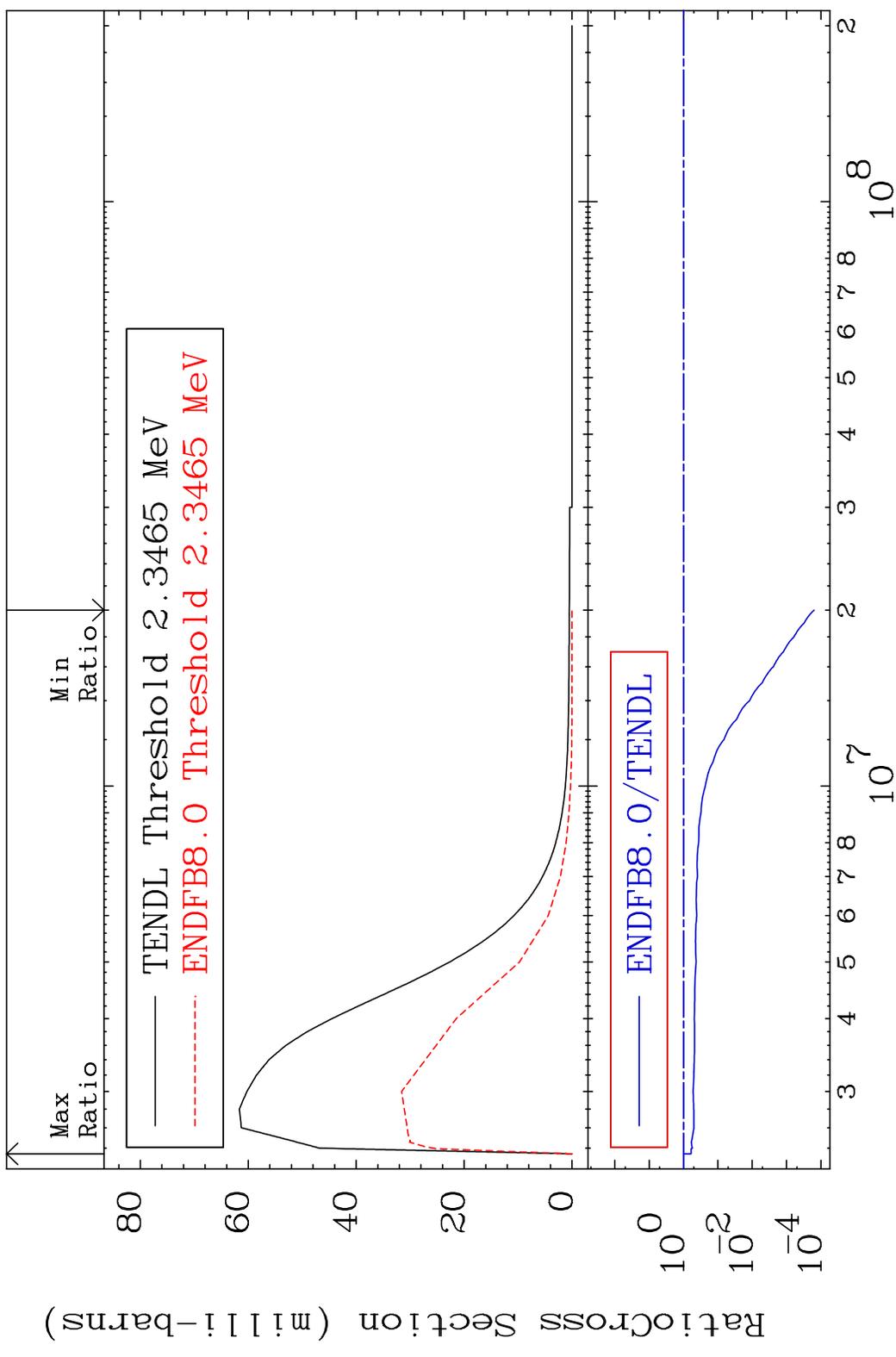
16 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 61 (n, n') Level 22-Ti-47
 Cross Section -99.97 To 85.30 %



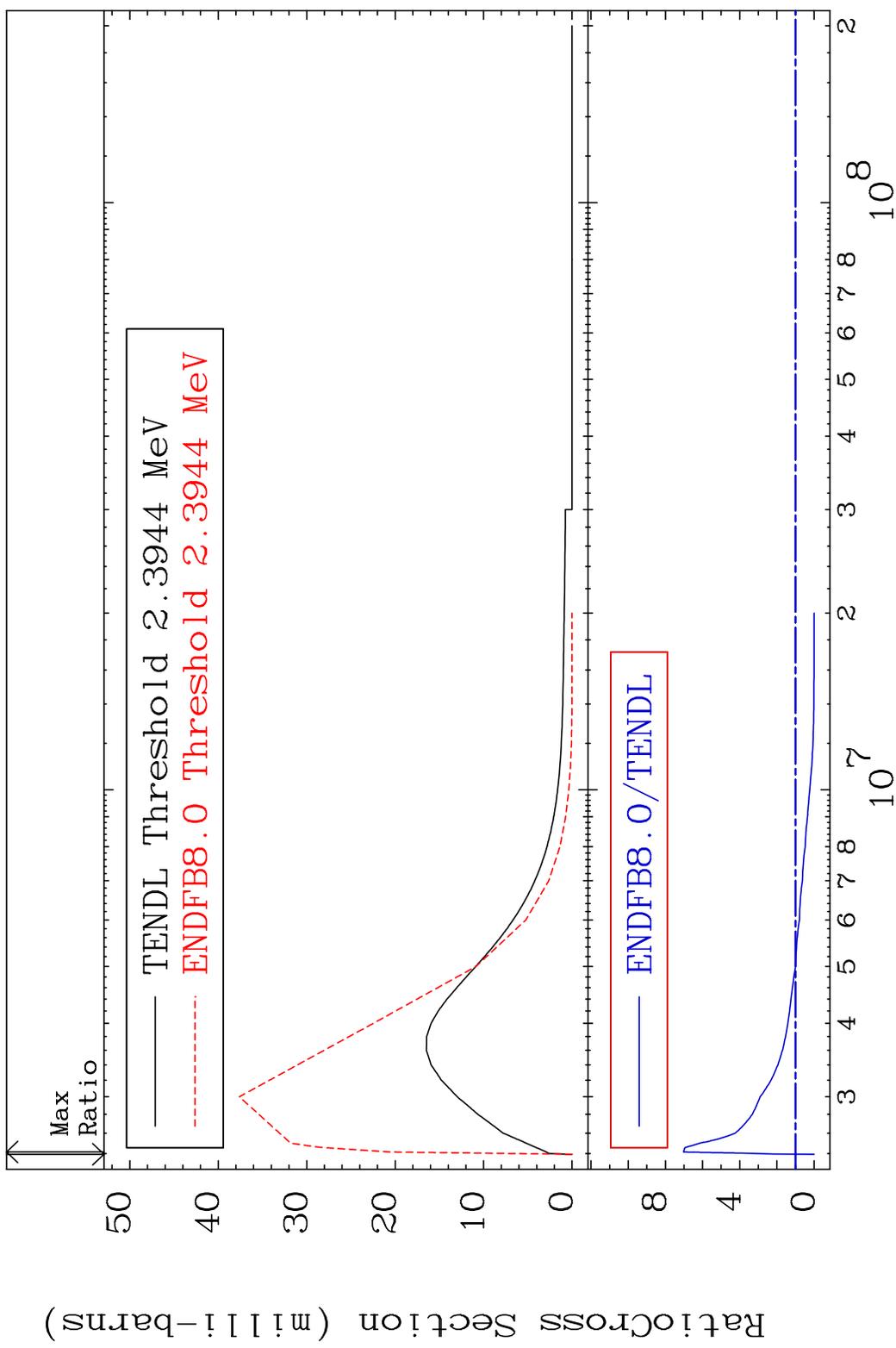
17 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 62 (n, n') Level 22-Ti-47
 Cross Section -99.98 To 0.000 %



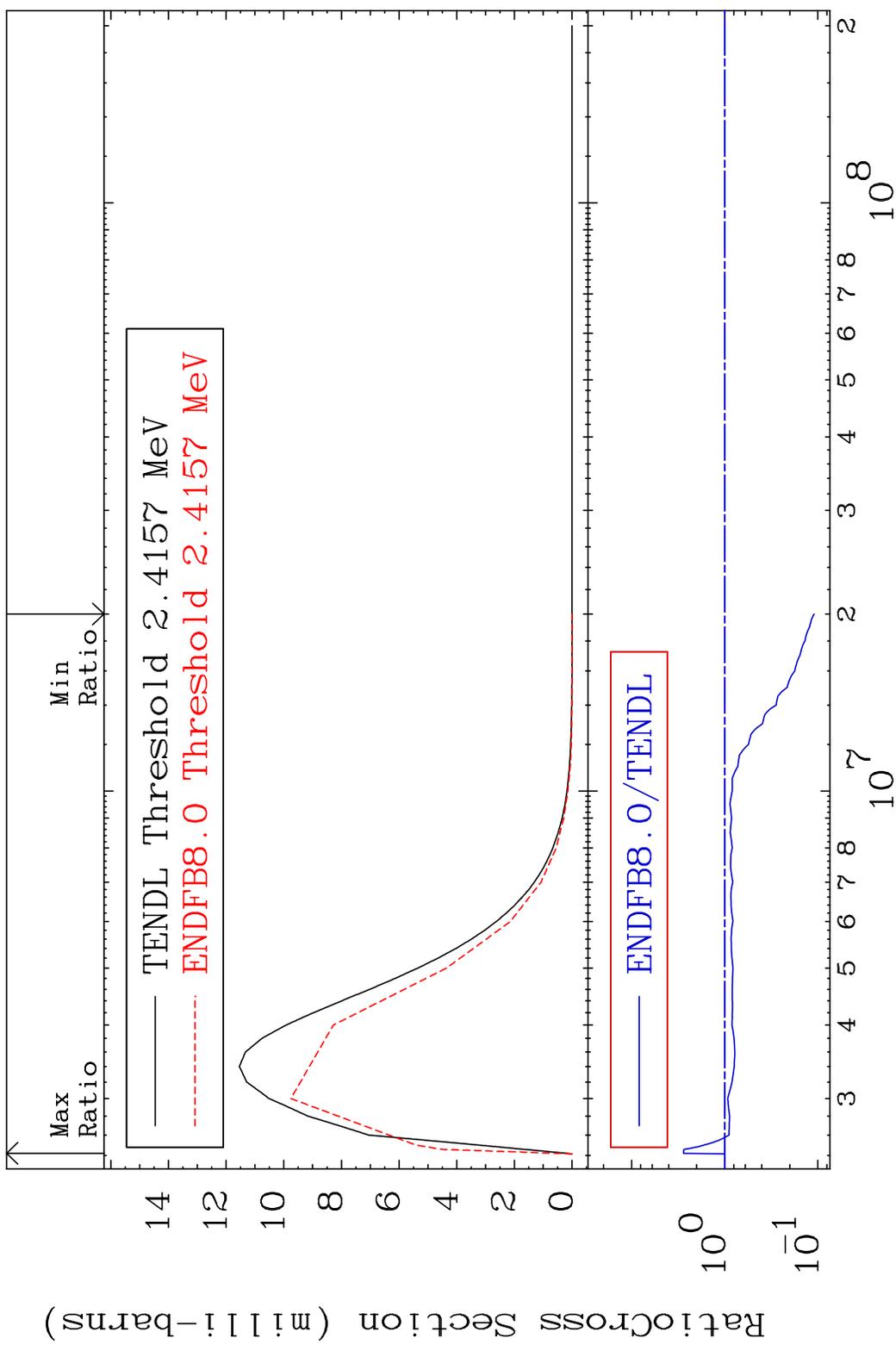
18 Incident Energy (eV) 22-Ti-47

MAT 2228 MT= 63 (n, n') Level 22-Ti-47
 Cross Section -100.0 To 602.5 %



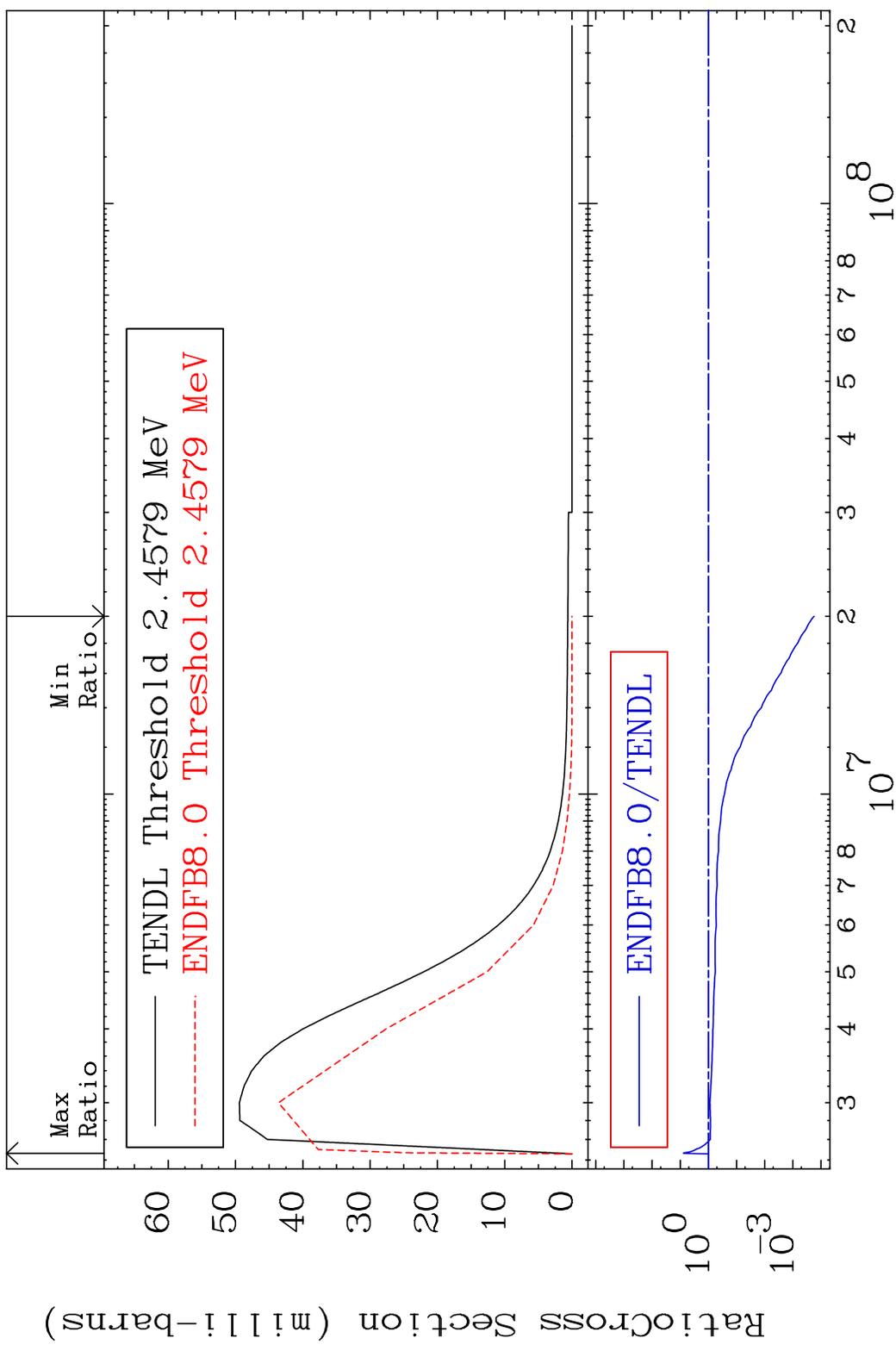
19 22-Ti-47

MAT 2228 MT= 64 (n, n') Level 22-Ti-47
 Cross Section -89.01 To 176.9 %



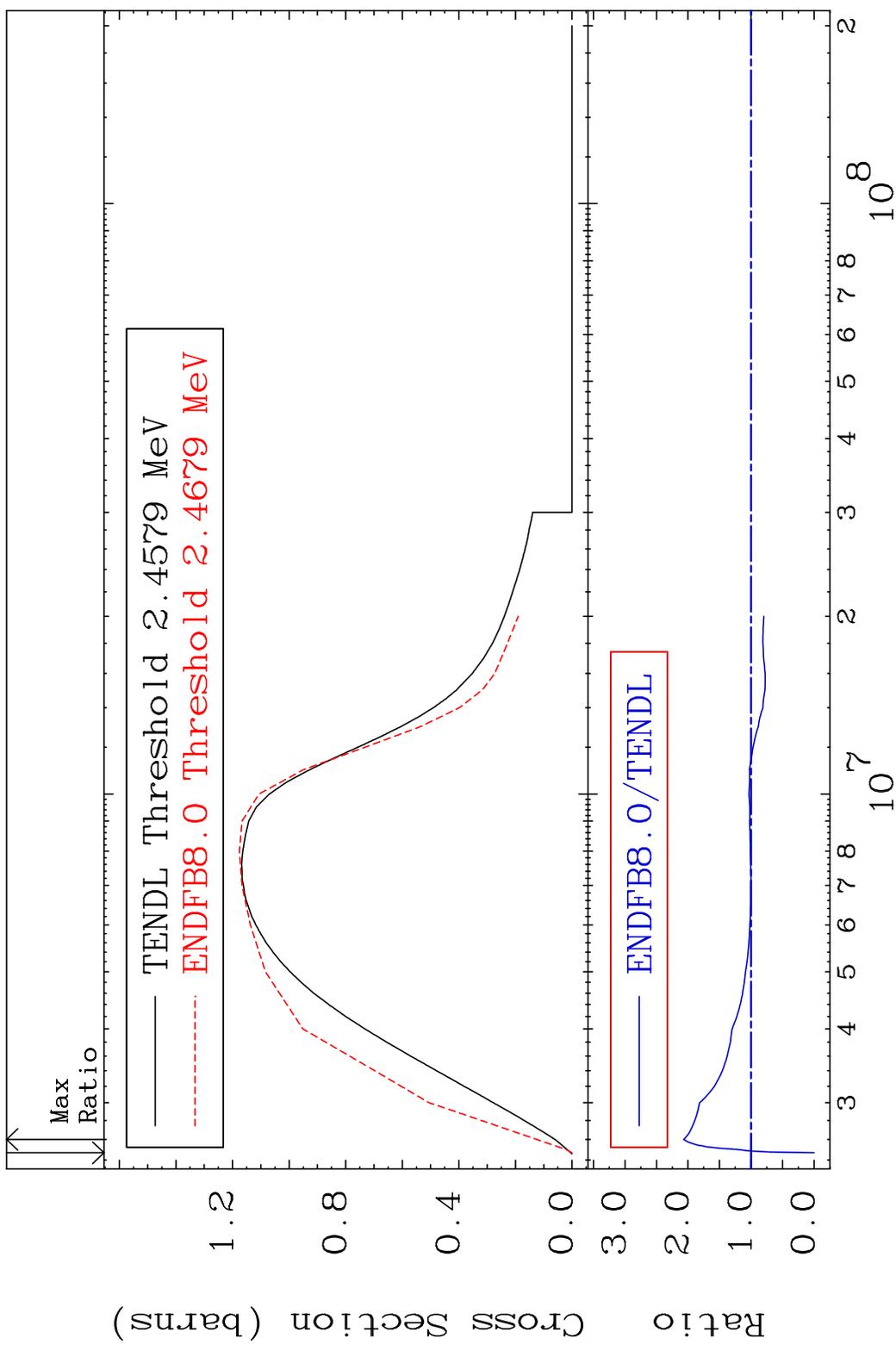
20 22-Ti-47

MAT 2228 MT= 65 (n, n') Level 22-Ti-47
 Cross Section -99.98 To 666.2 %



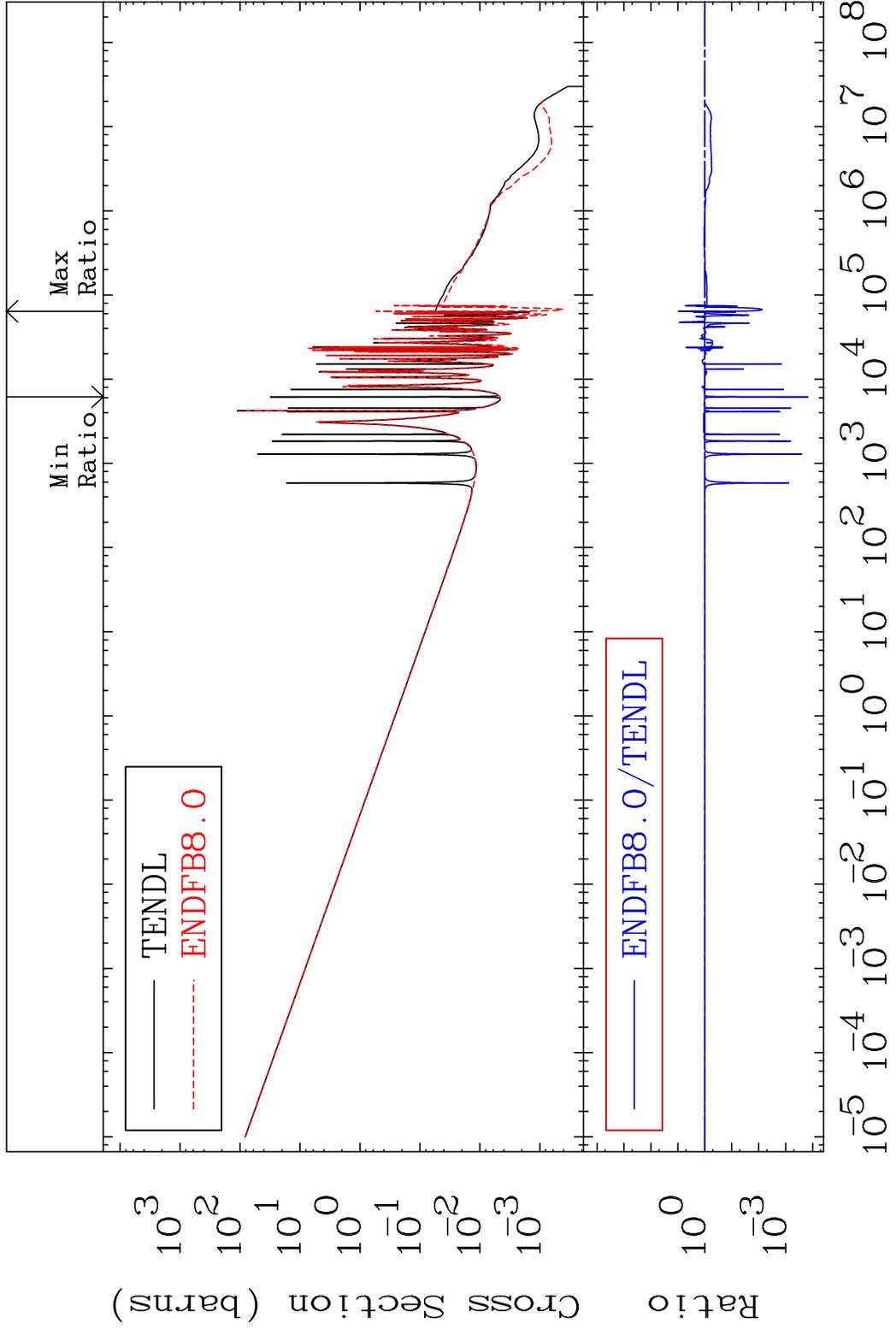
21 Incident Energy (eV) 22-Ti-47

MAT 2228 (n,n') Continuum ²²Ti-47
 Cross Section -100.0 To 107.1 %



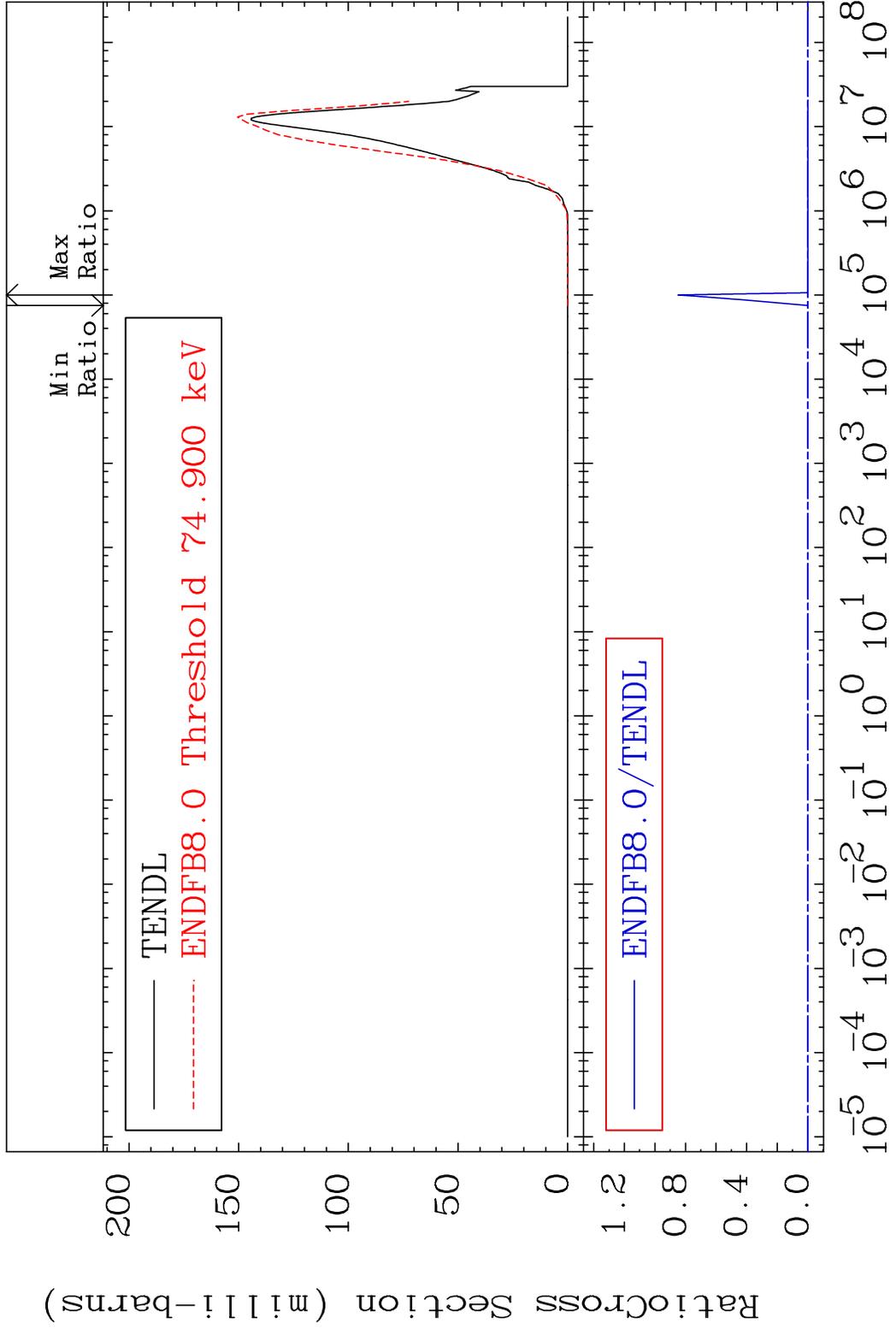
22 ²²Ti-47

MAT 2228 (n, γ) 22-Ti-47
 Cross Section -99.99 To 863.0 %

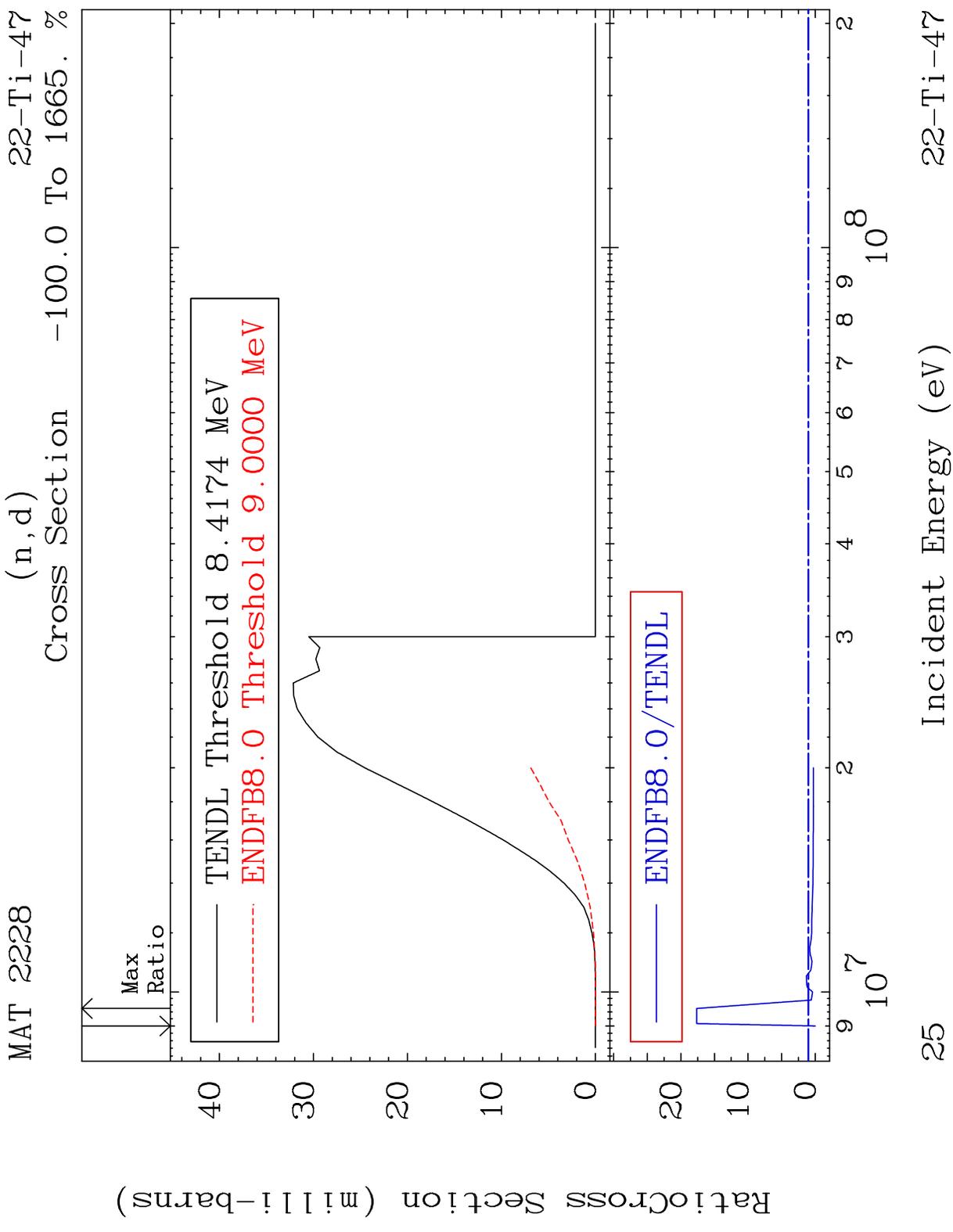


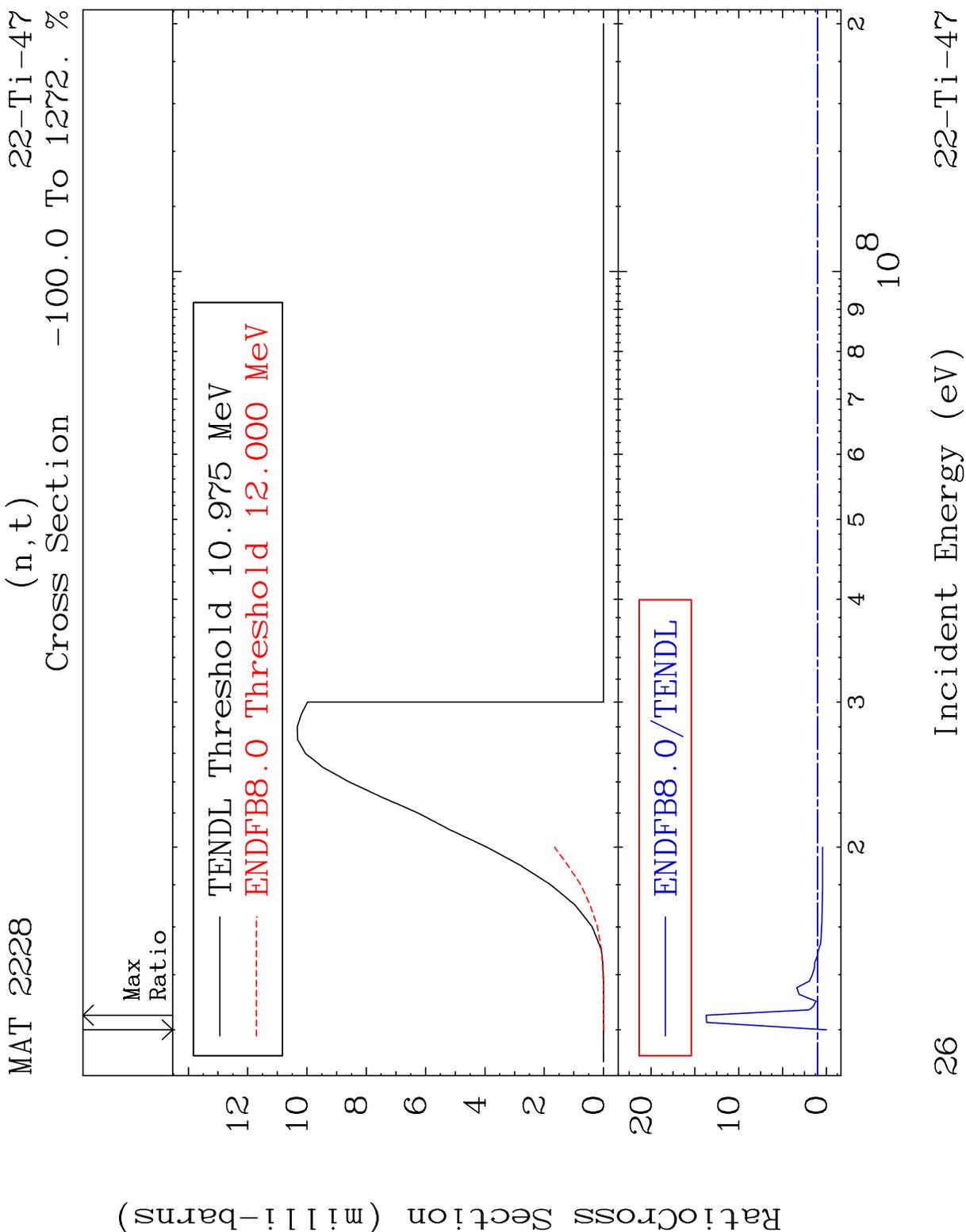
23 Incident Energy (eV) 22-Ti-47

MAT 2228 (n, p) 22-Ti-47
 Cross Section -100.0 To 9999. %

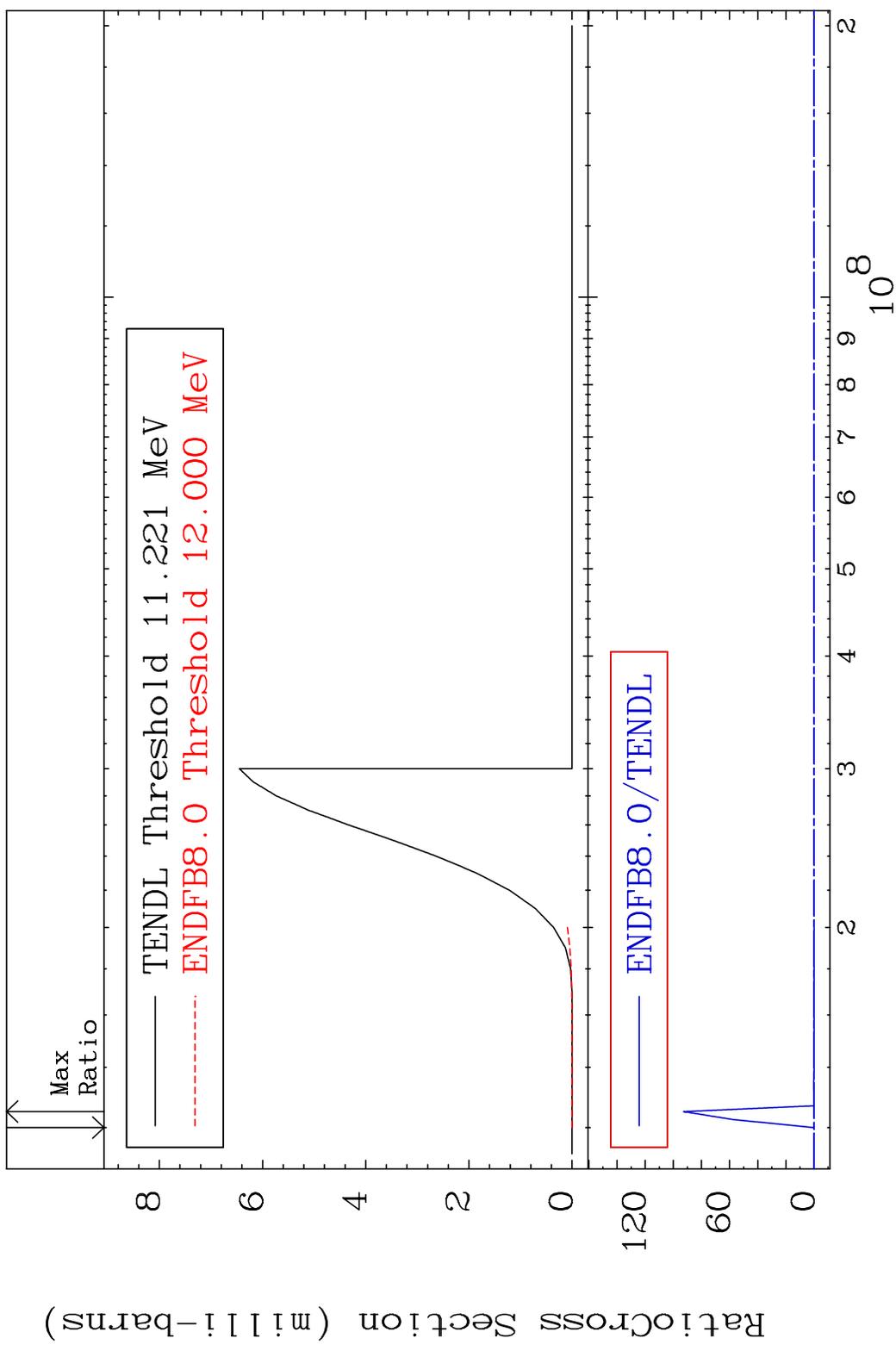


24 Incident Energy (eV) 22-Ti-47



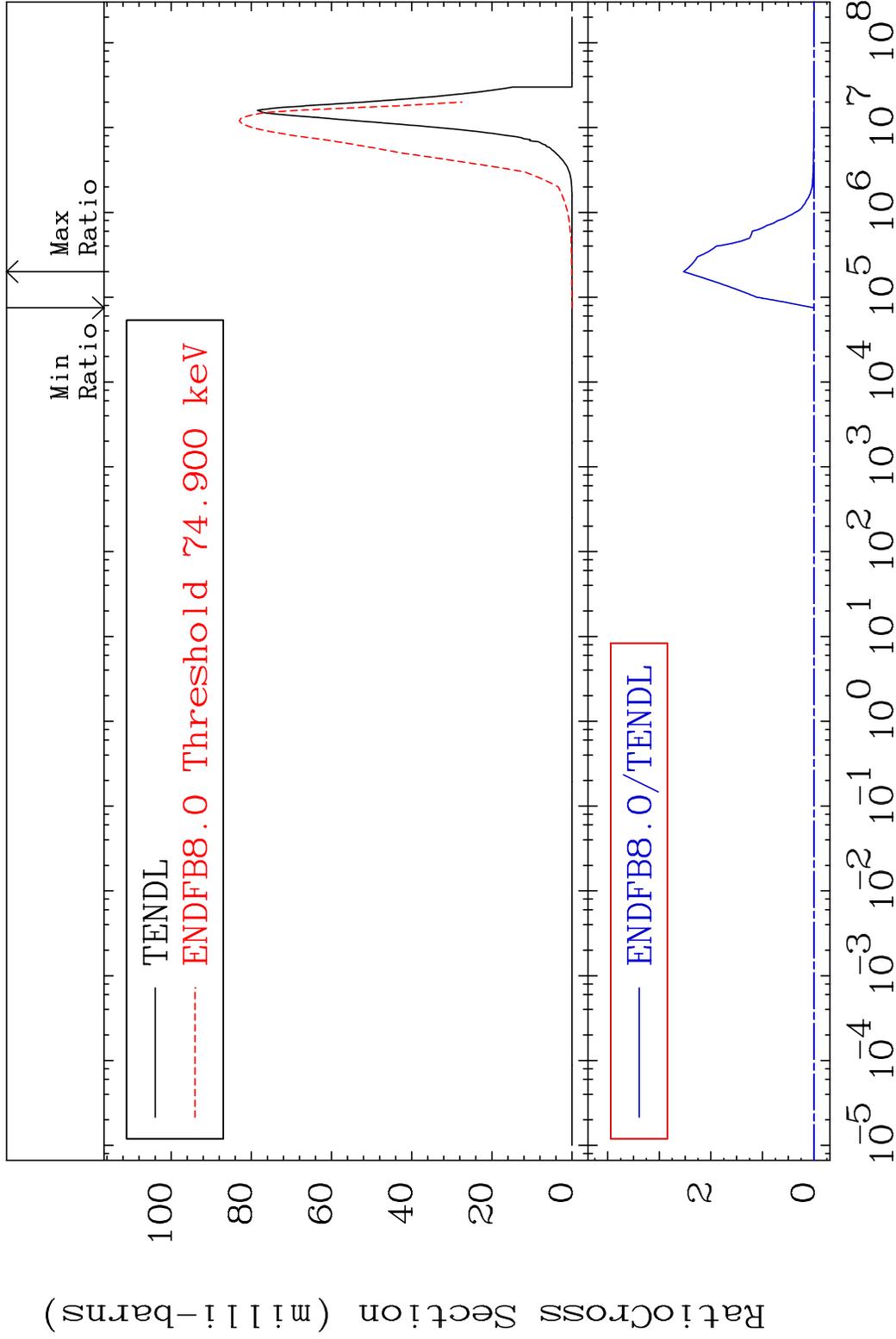


MAT 2228 (n, He-3) ²²Ti-47
 Cross Section -100.0 To 9999. %



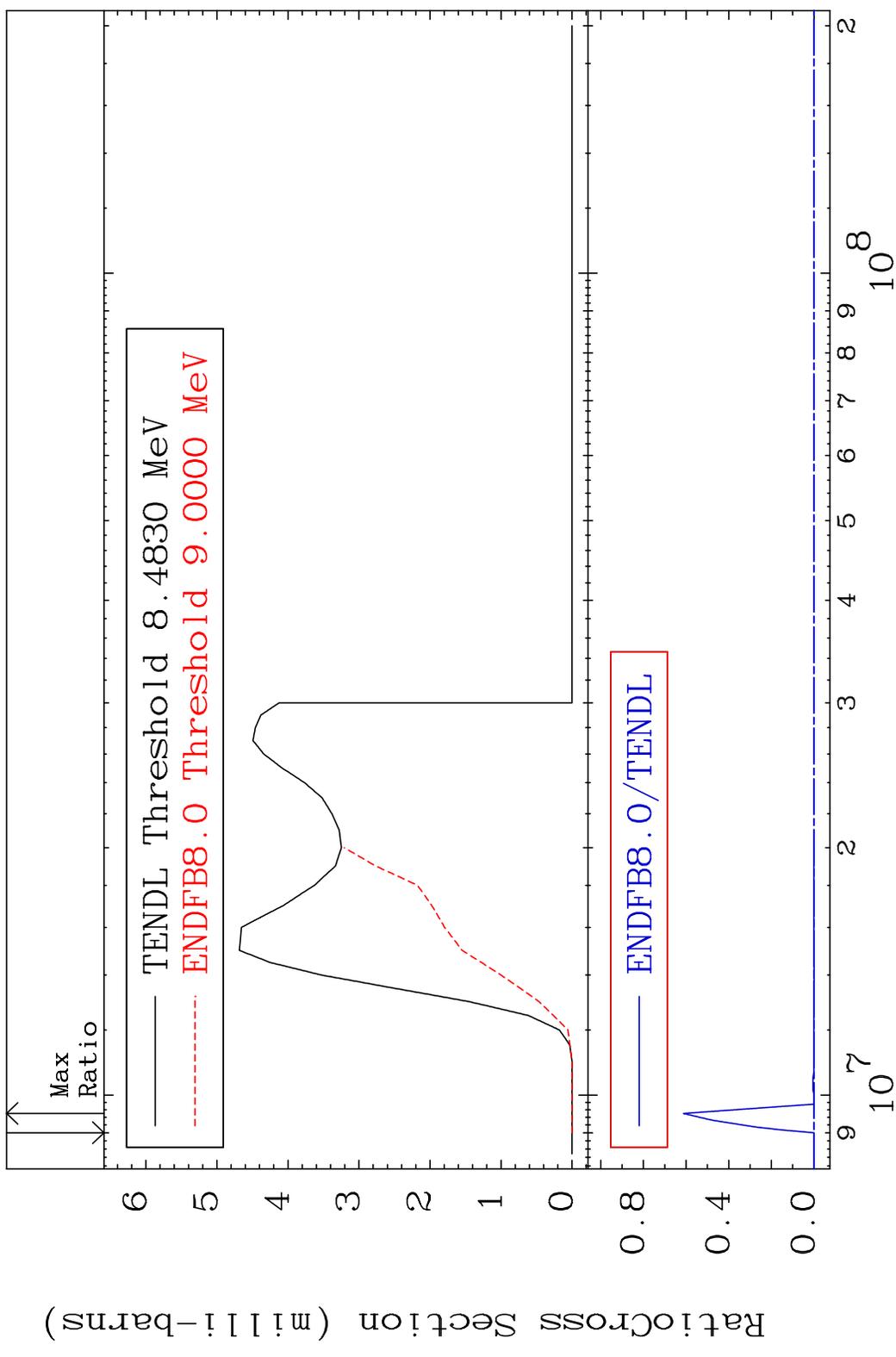
27 Incident Energy (eV) ²²Ti-47

MAT 2228 (n, α) 22-Ti-47
 Cross Section -100.0 To 9999. %



28 Incident Energy (eV) 22-Ti-47

MAT 2228 (n,2p) 22-Ti-47
 Cross Section -100.0 To 9999. %



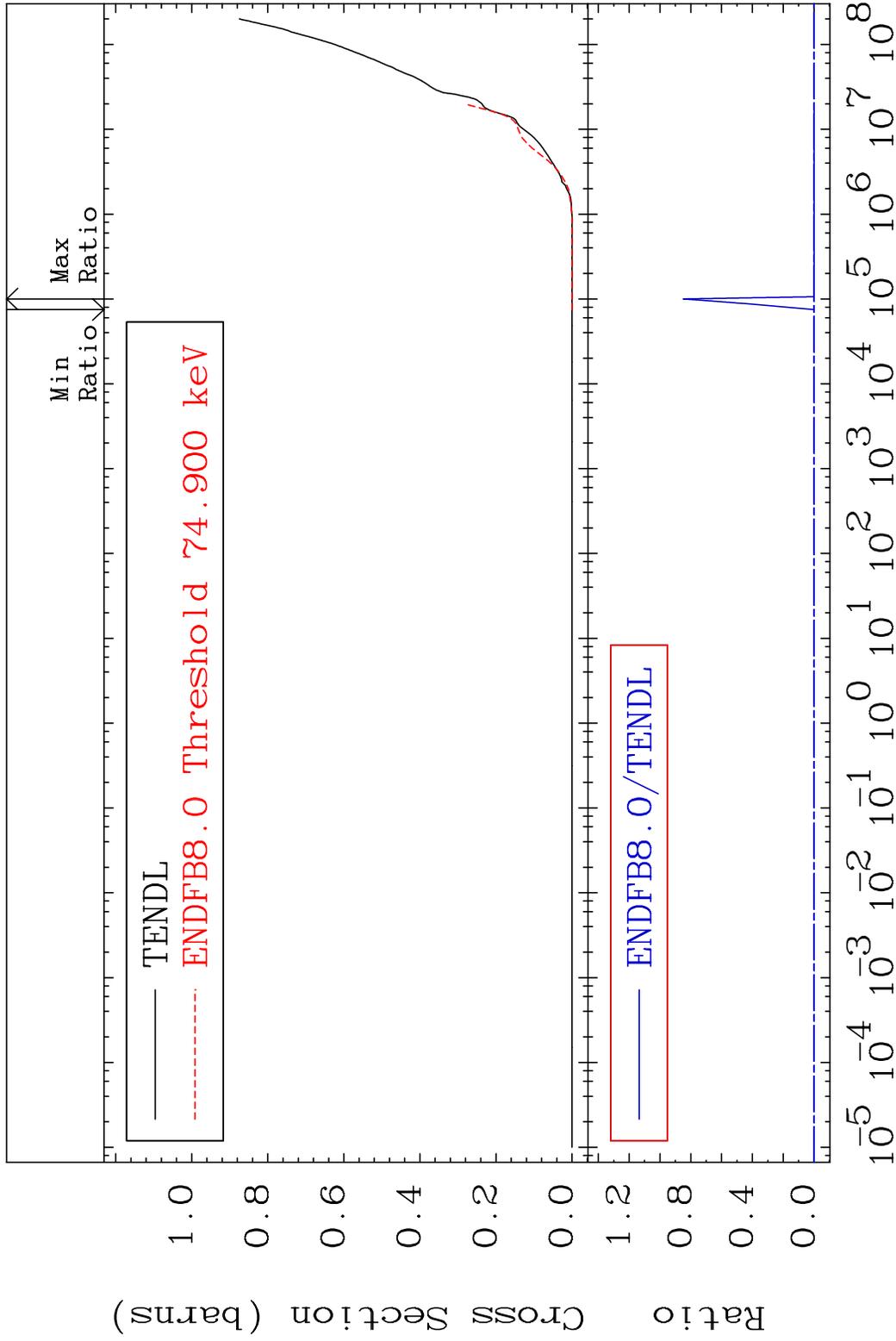
29 Incident Energy (eV) 22-Ti-47

MAT 2228

Hydrogen Production

22-Ti-47

Cross Section -100.0 To 9999. %

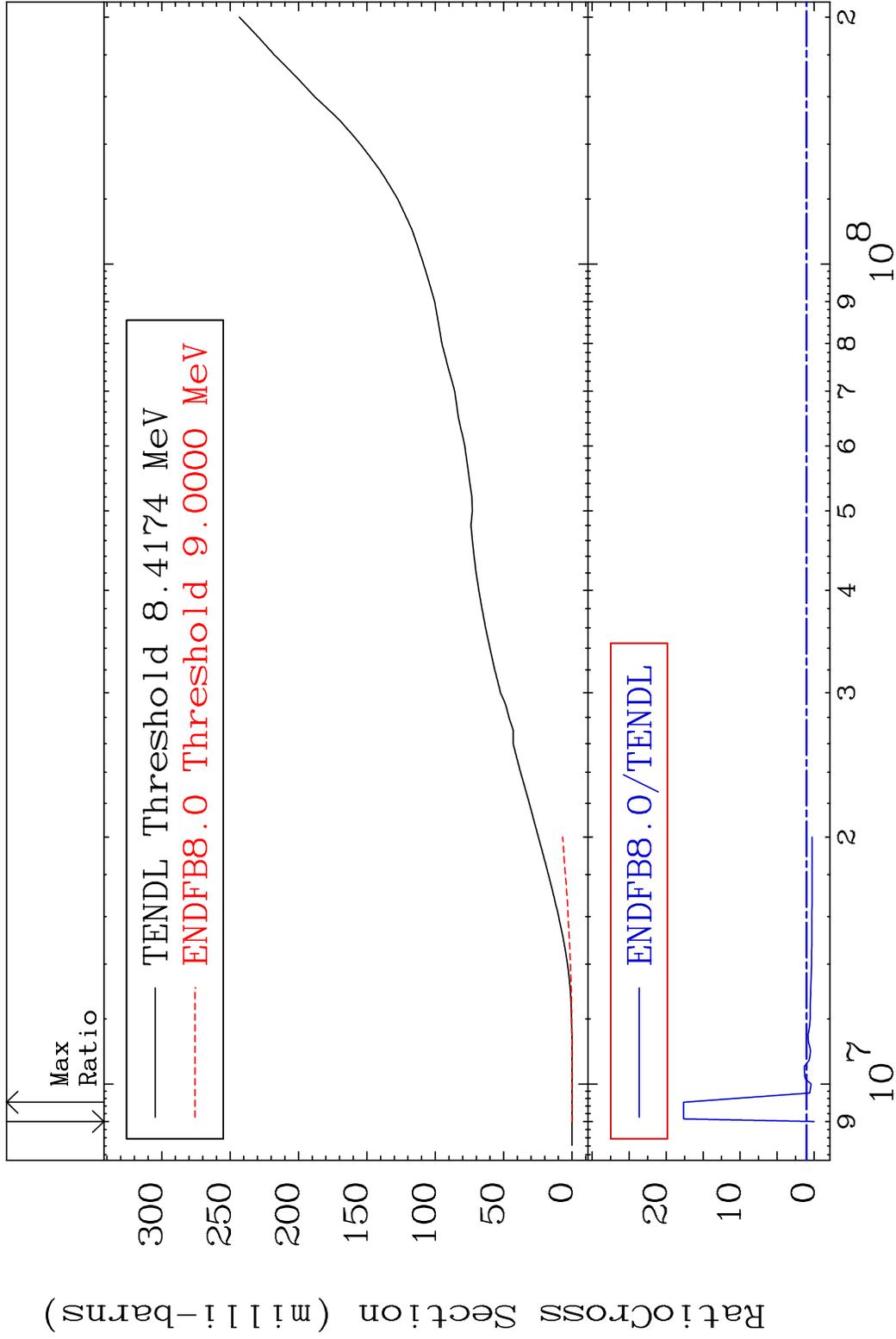


30

Incident Energy (eV)

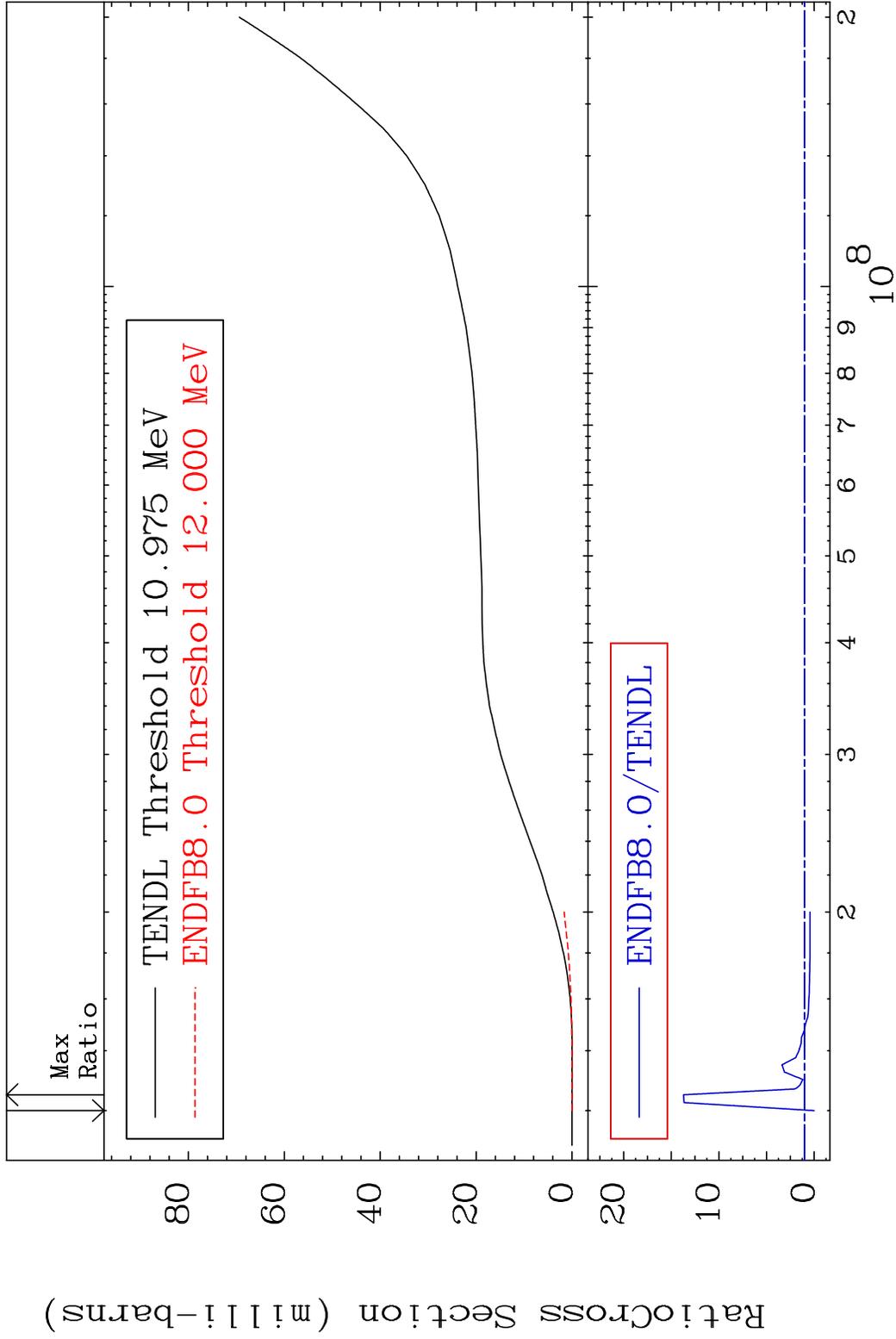
22-Ti-47

MAT 2228 Deuterium Production ²²Ti-47
 Cross Section -100.0 To 1665. %



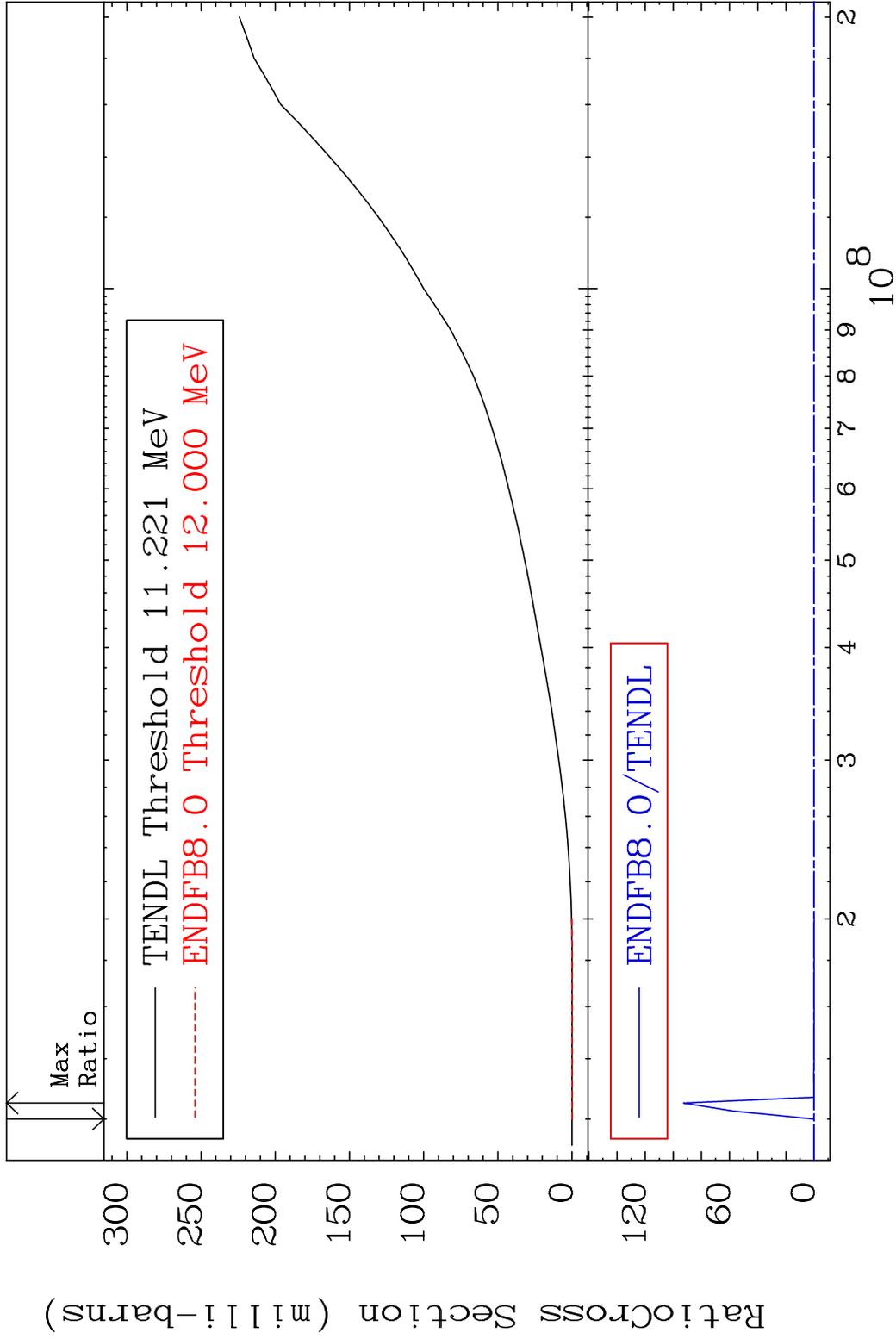
31 Incident Energy (eV) ²²Ti-47

MAT 2228 Tritium Production ²²Ti-47
 Cross Section -100.0 To 1272. %



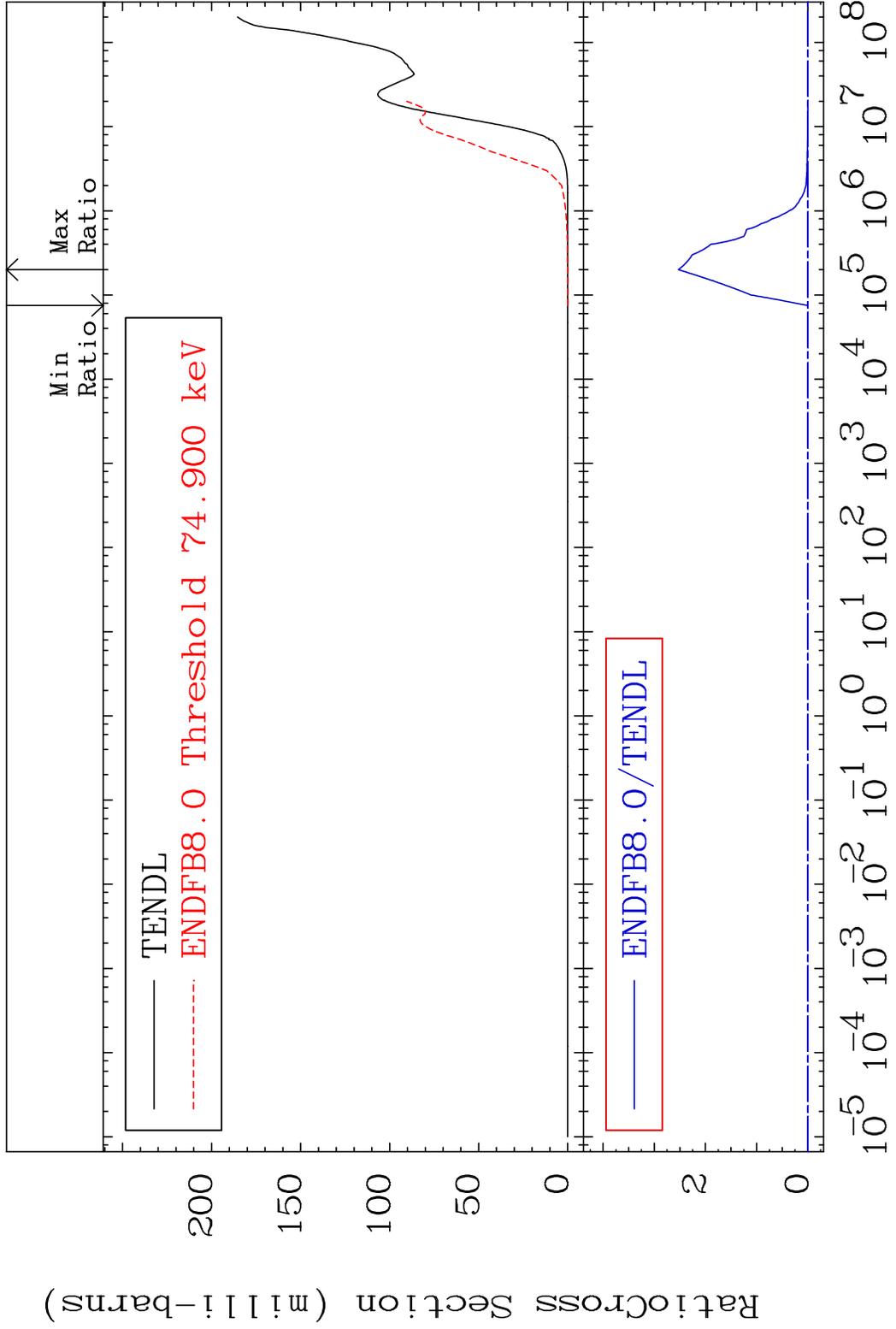
32 Incident Energy (eV) ²²Ti-47

MAT 2228 He-3 Production 22-Ti-47
 Cross Section -100.0 To 9999. %



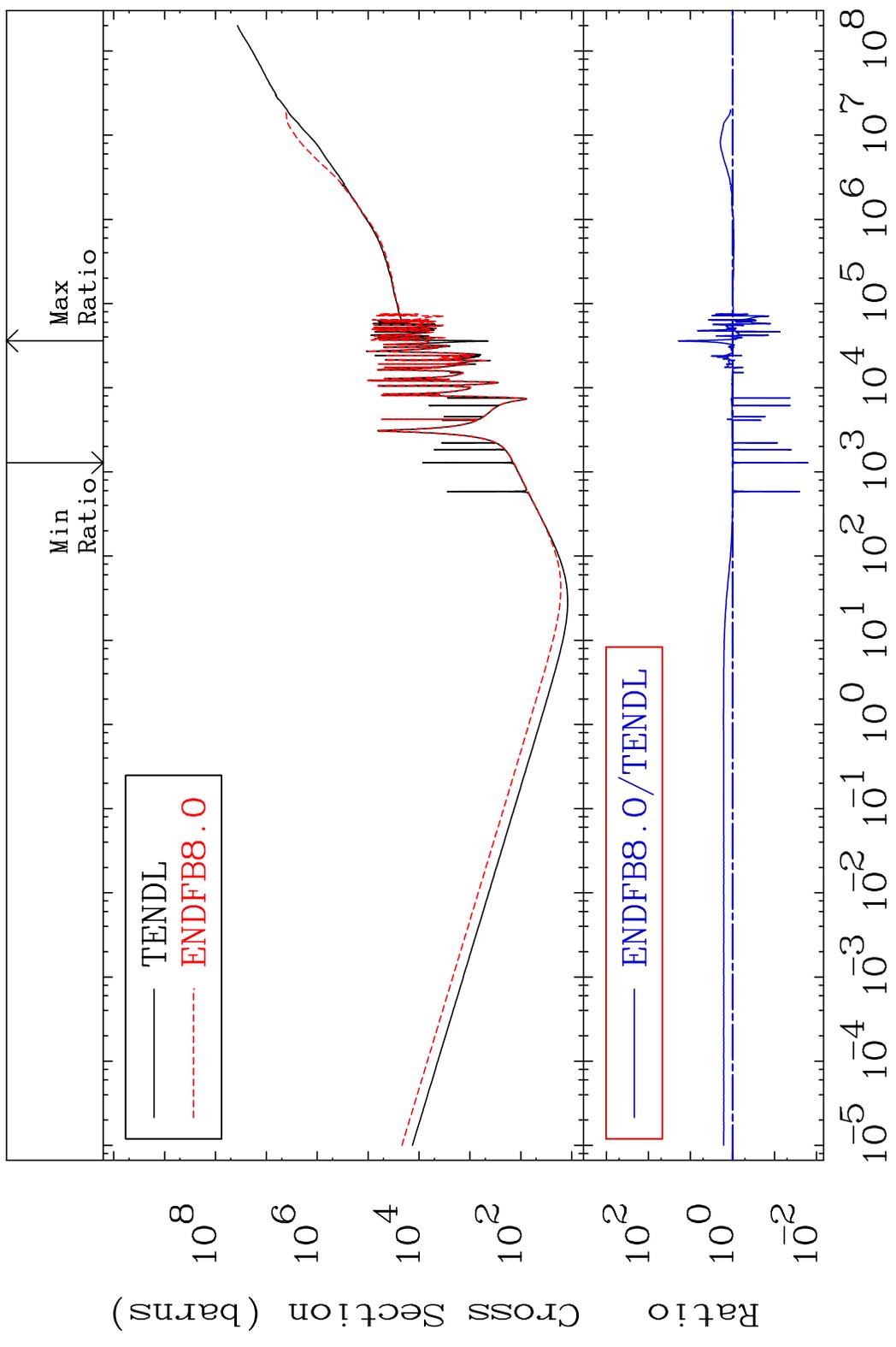
33 Incident Energy (eV) 22-Ti-47

MAT 2228 He-4 Production 22-Ti-47
 Cross Section -100.0 To 9999. %



34 Incident Energy (eV) 22-Ti-47

MAT 2228 Kerma total (eV-barns) ²²Ti-47
 Cross Section -98.40 To 1848. %

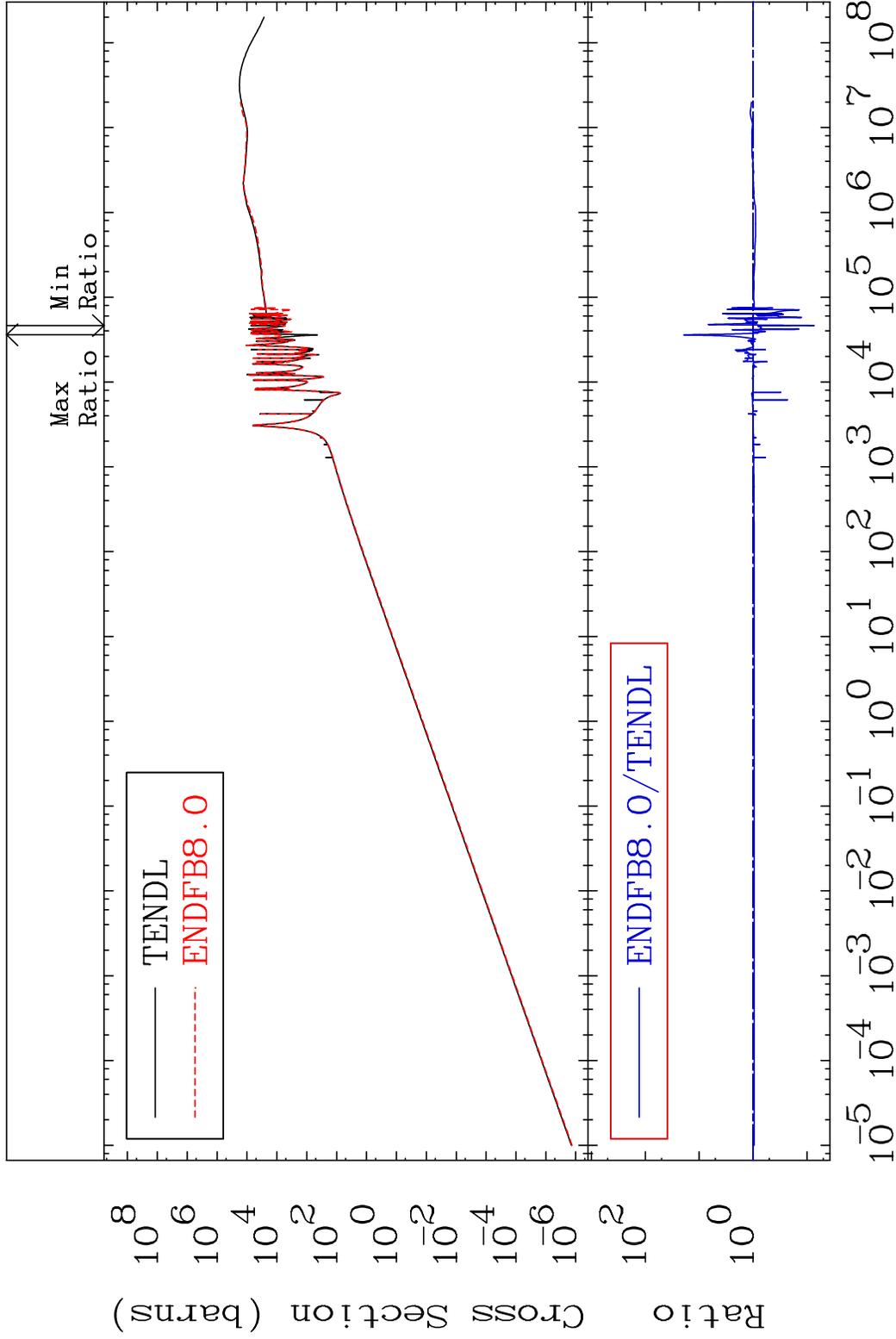


35 Incident Energy (eV) ²²Ti-47

MAT 2228

Kerma elastic
Cross Section

22-Ti-47
-92.62 To 1852. %

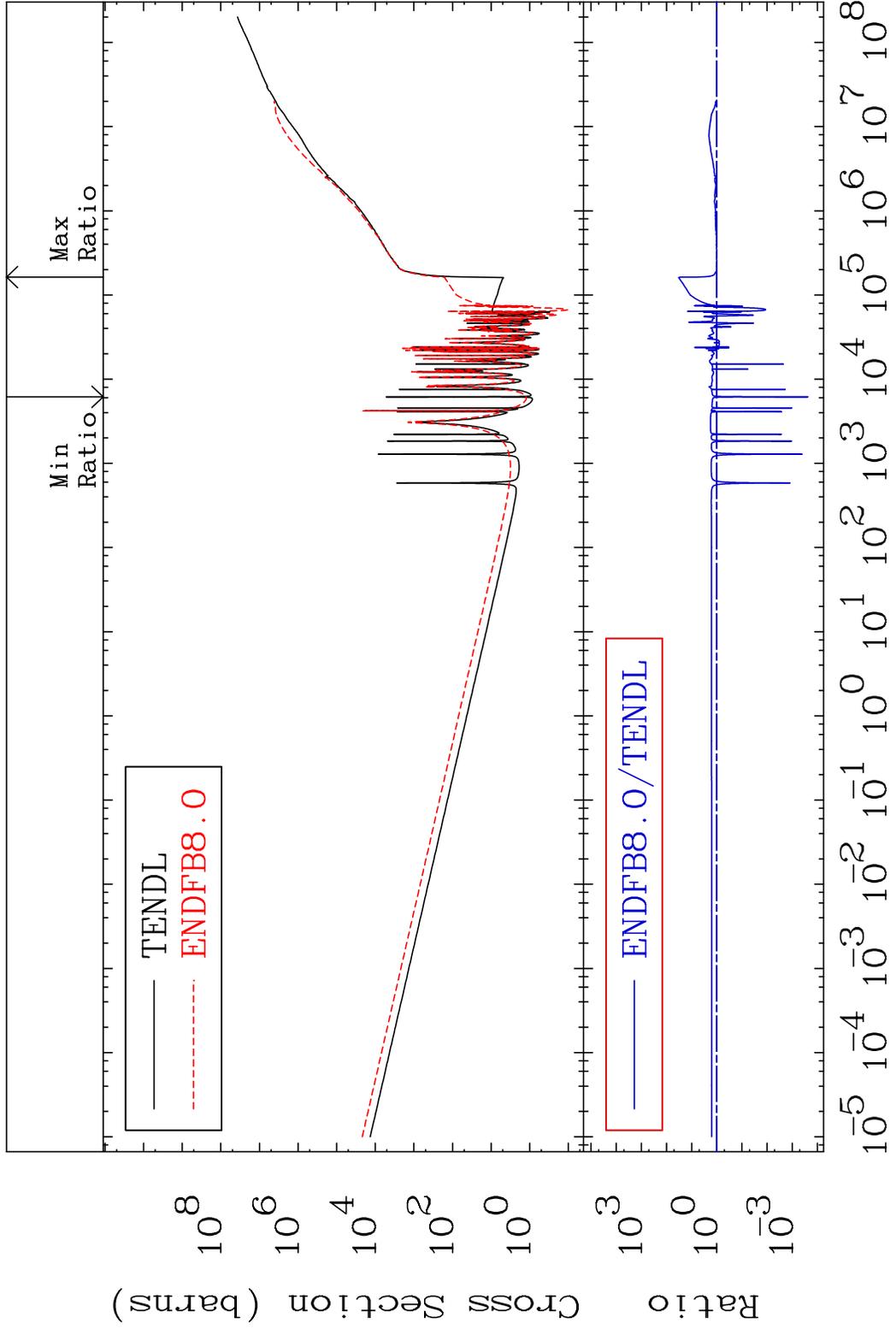


36

Incident Energy (eV)

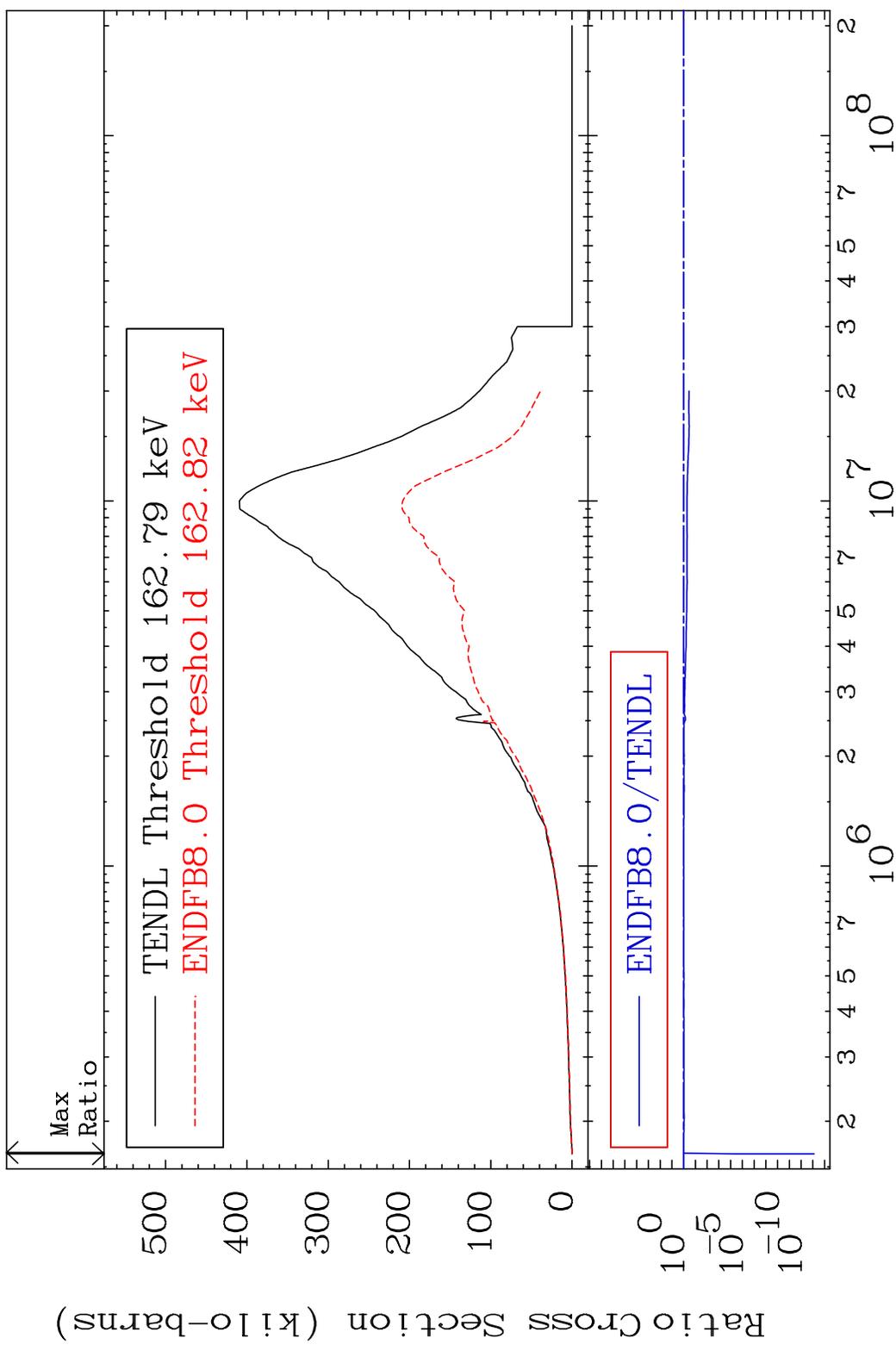
22-Ti-47

MAT 2228 Kerma non-elastic (all but mt2) 22-Ti-47
 Cross Section -99.98 To 3293. %

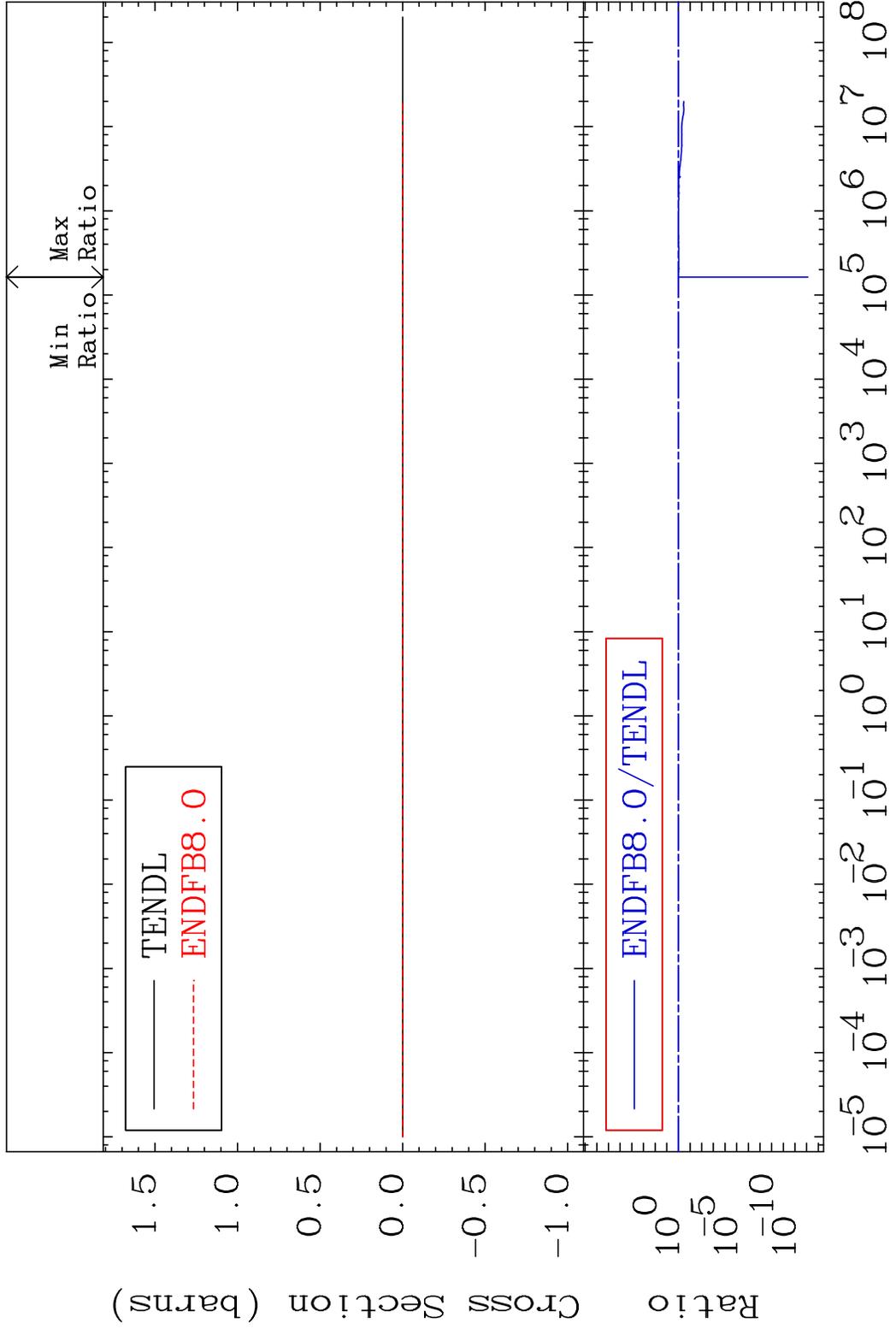


37 Incident Energy (eV) 22-Ti-47

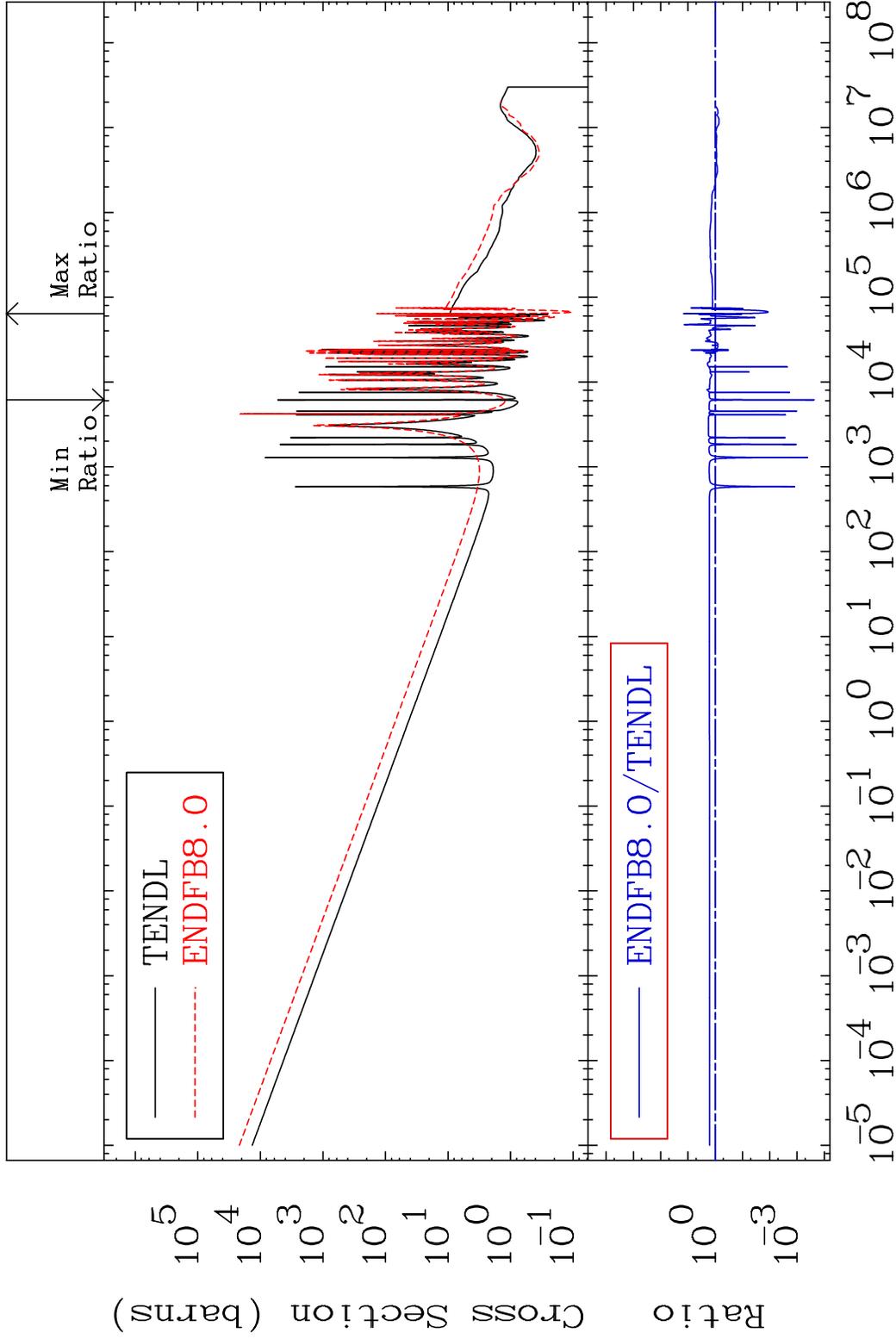
MAT 2228 Kerma inelastic (mt51-91) 22-Ti-47
 Cross Section -100.0 To 2.265 %



MAT 2228 Kerma fission (mt18 or mt19-20-21-38) 22-Ti-47
 Cross Section -100.0 To 2.265 %

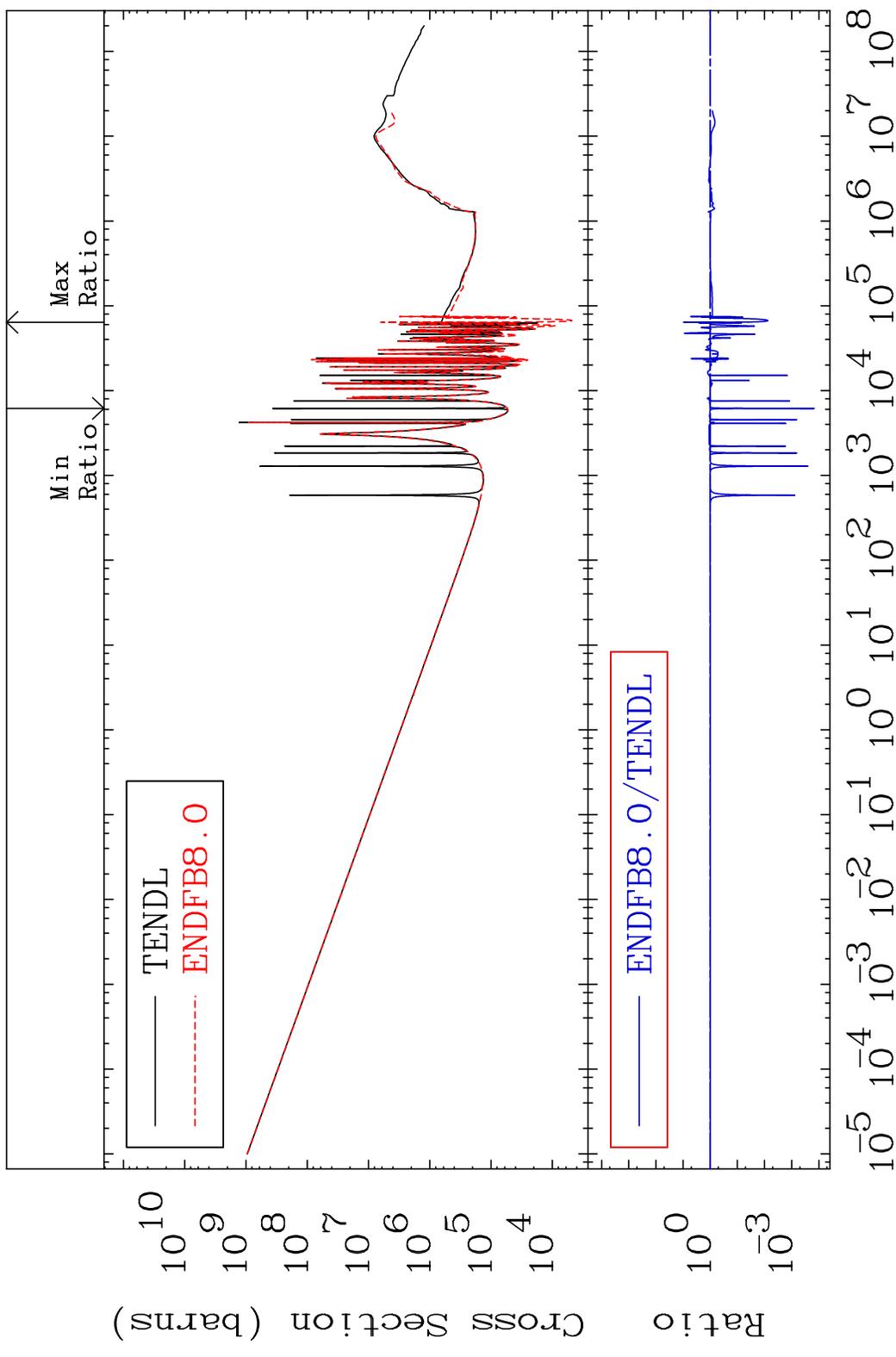


MAT 2228 Kerma capture (mt102) ²²Ti-47
 Cross Section -99.98 To 1352. %



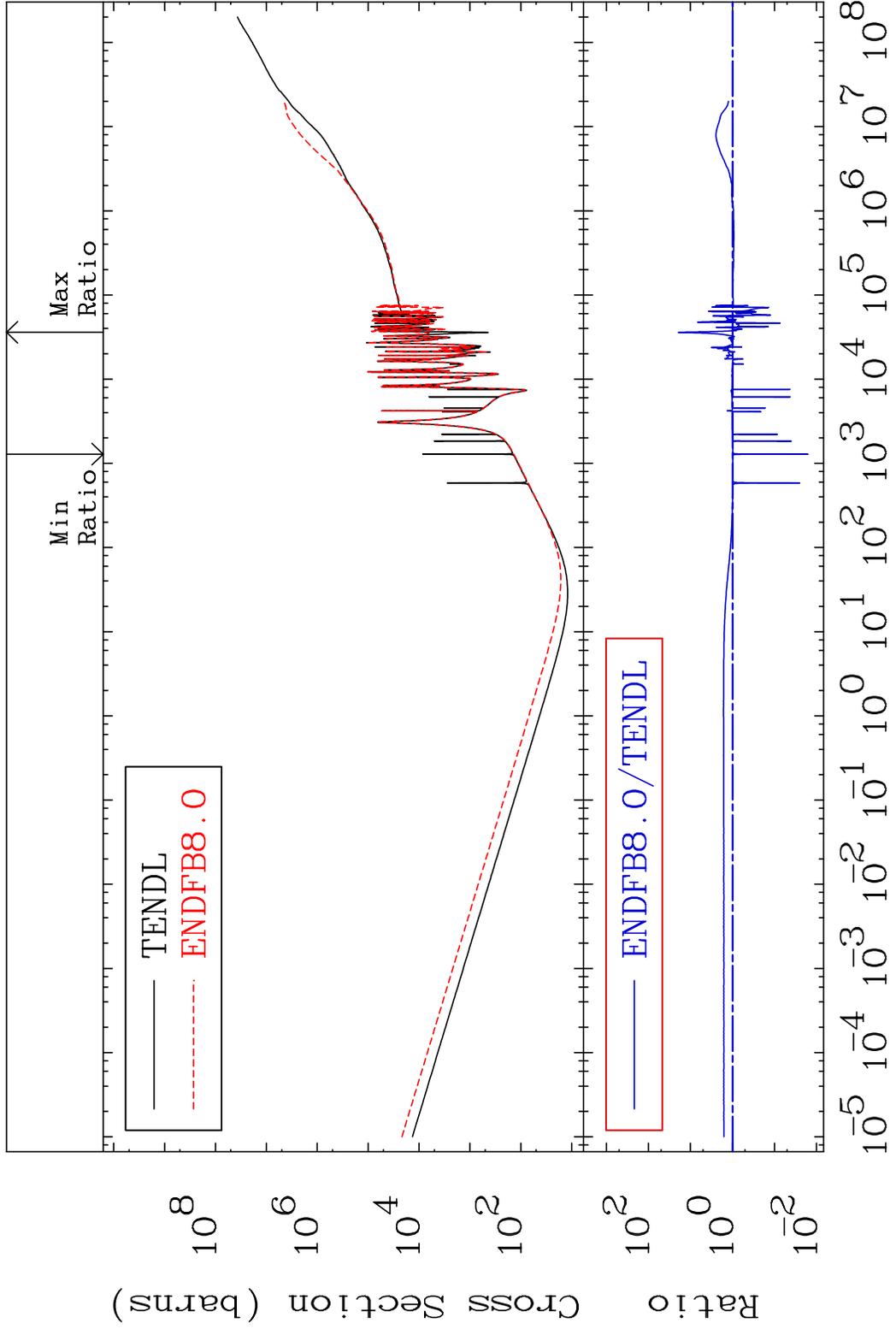
40 Incident Energy (eV) ²²Ti-47

MAT 2228 Total photon (eV-barns) 22-Ti-47
 Cross Section -99.99 To 863.5 %



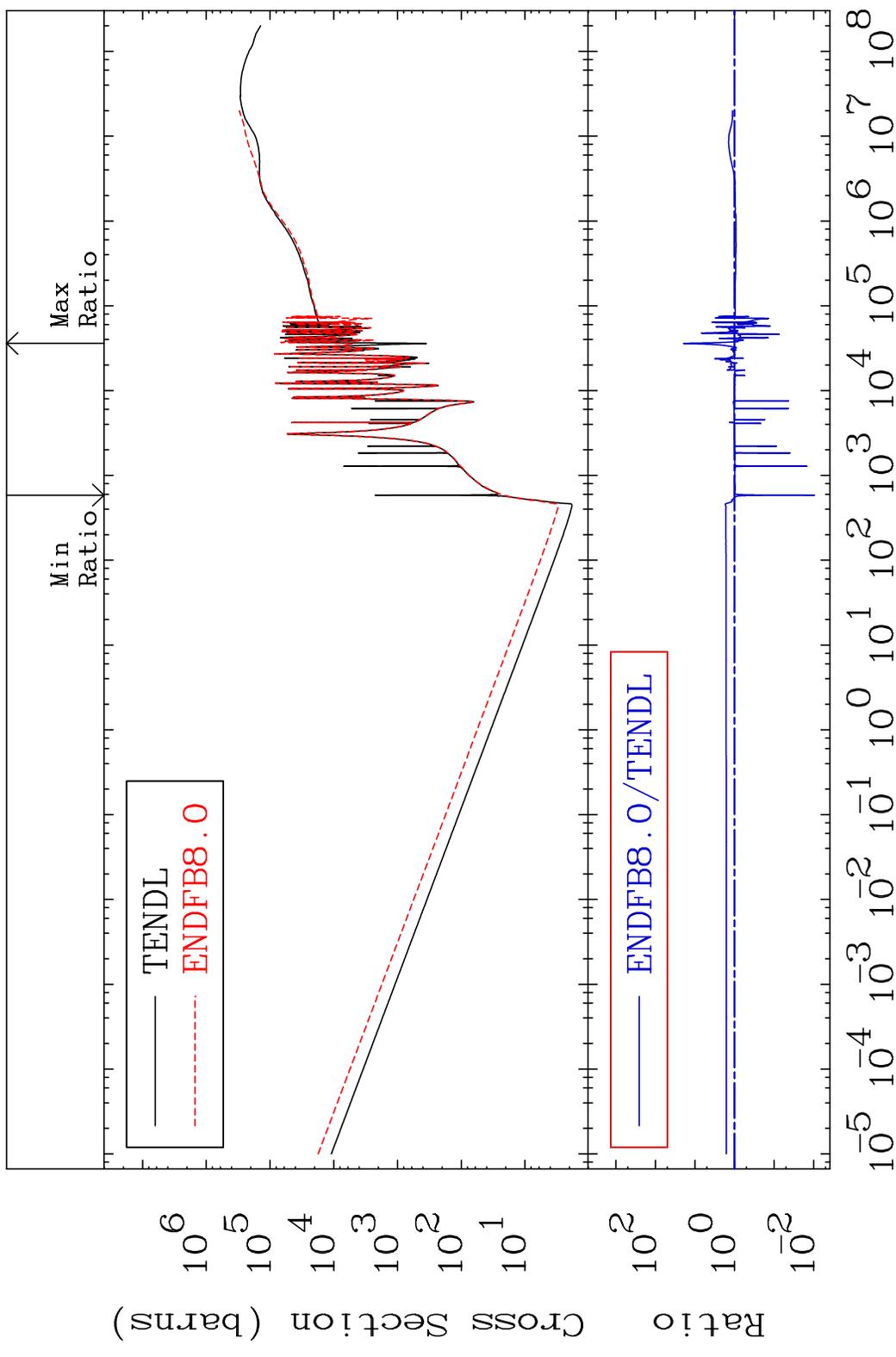
41 Incident Energy (eV) 22-Ti-47

MAT 2228 Total kinematic kerma (high limit) 22-Ti-47
 Cross Section -98.40 To 1848. %



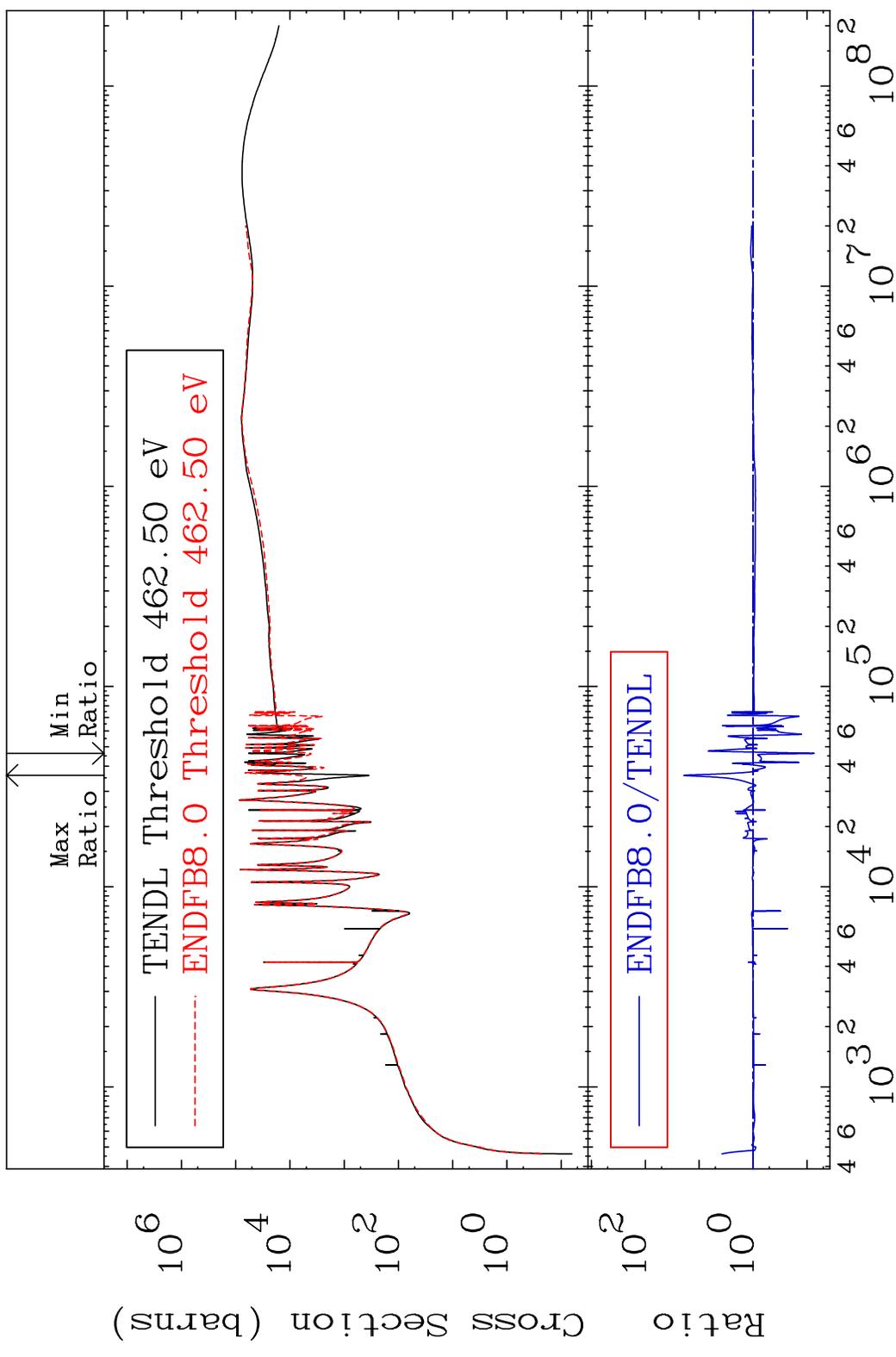
42 Incident Energy (eV) 22-Ti-47

MAT 2228 Dpa total (eV-barns) ²²Ti-47
 Cross Section -99.03 To 1849. %



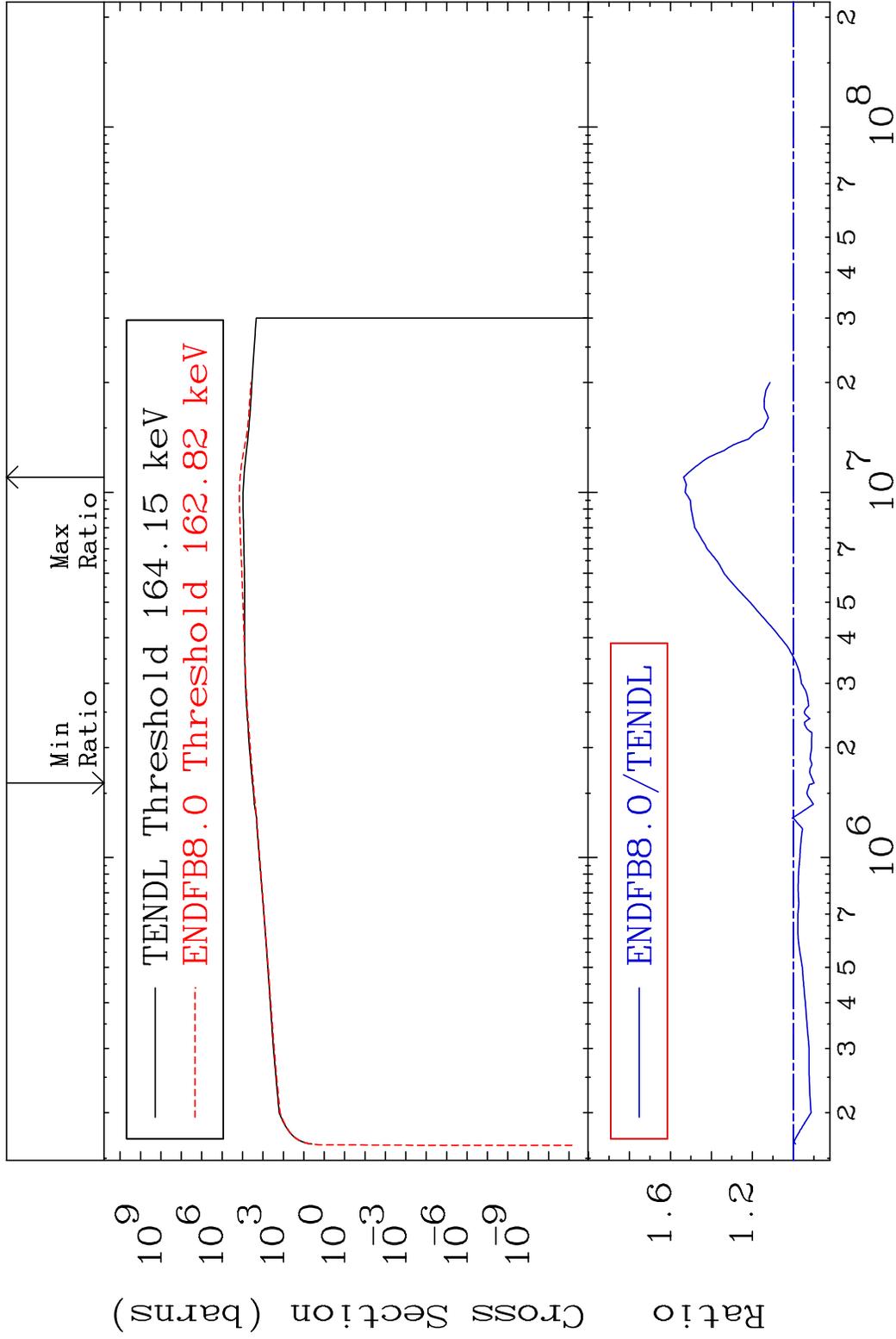
43 Incident Energy (eV) ²²Ti-47

MAT 2228 Dpa elastic (mt2) 22-Ti-47
 Cross Section -92.62 To 1852. %



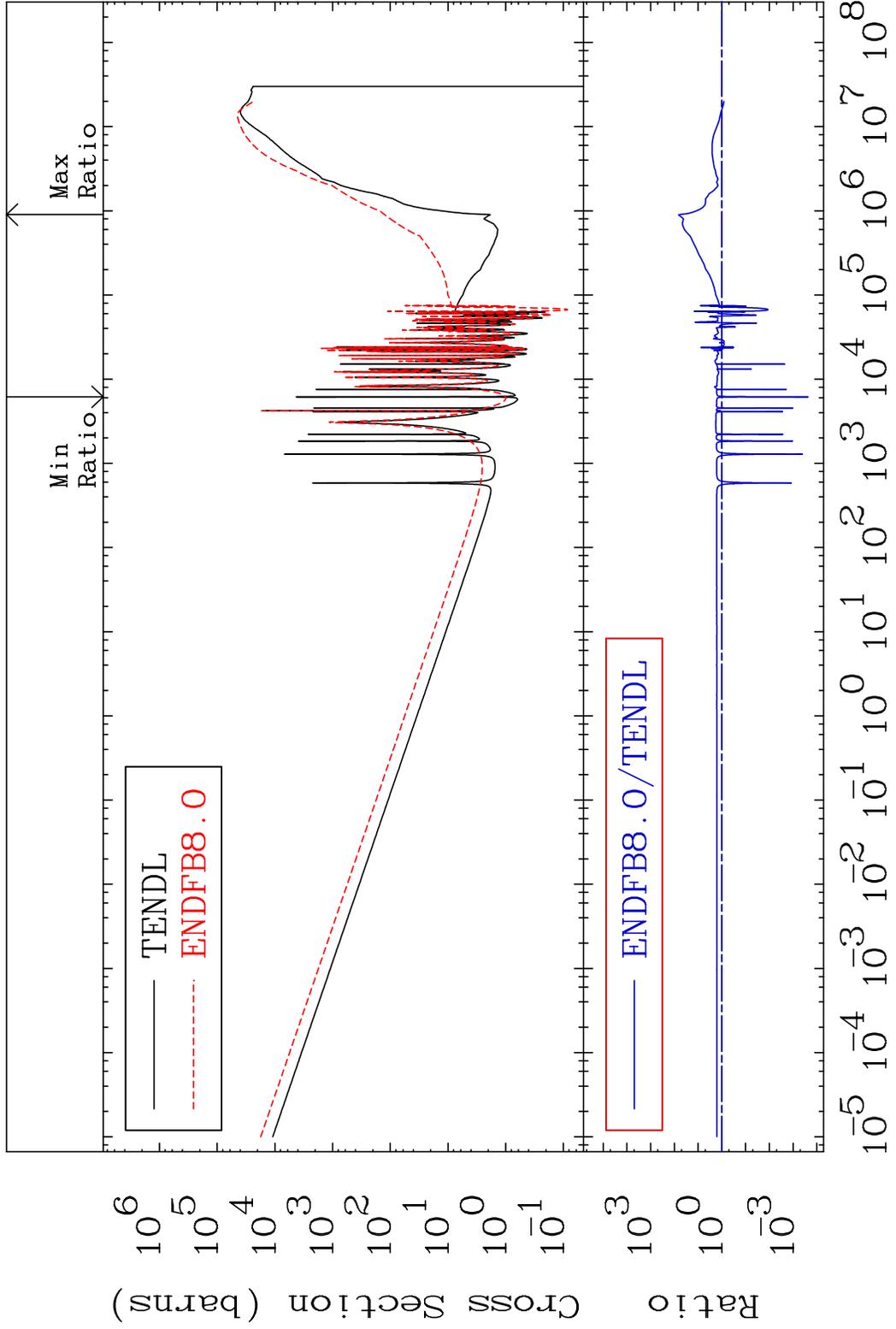
44 Incident Energy (eV) 22-Ti-47

MAT 2228 Dpa inelastic (mt51-91) ²²Ti-47
 Cross Section -10.10 To 53.62 %



45 Incident Energy (eV) ²²Ti-47

MAT 2228 Dpa disappearance (mt102 -120) 22-Ti-47
 Cross Section -99.98 To 6740. %



46 Incident Energy (eV) 22-Ti-47