

Program Complot  
(Version 2021-1)

by

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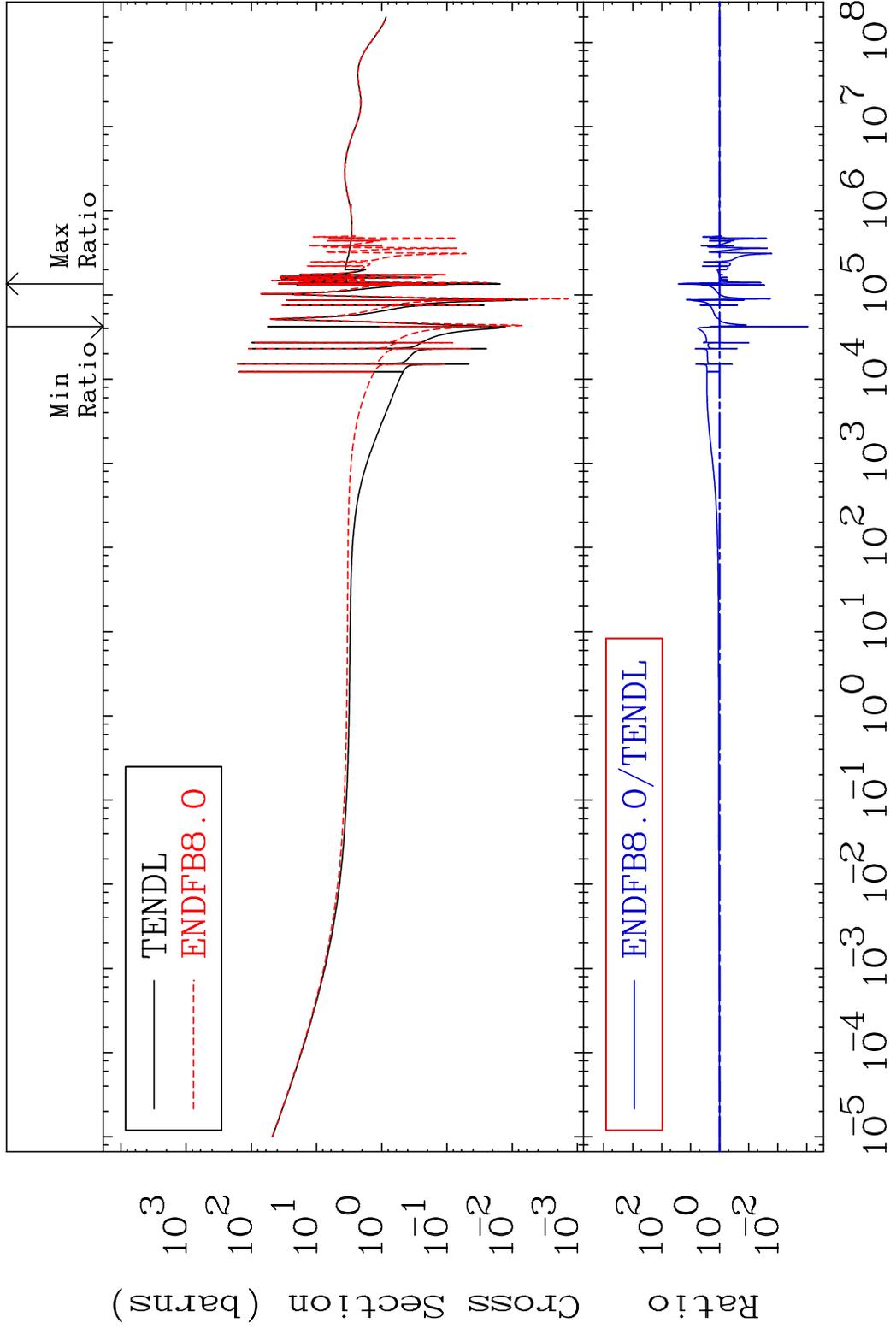
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Press Mouse Button to Start

MAT 2037                      Total                      20-Ca-44  
 Cross Section                      -99.91 To 2573. %



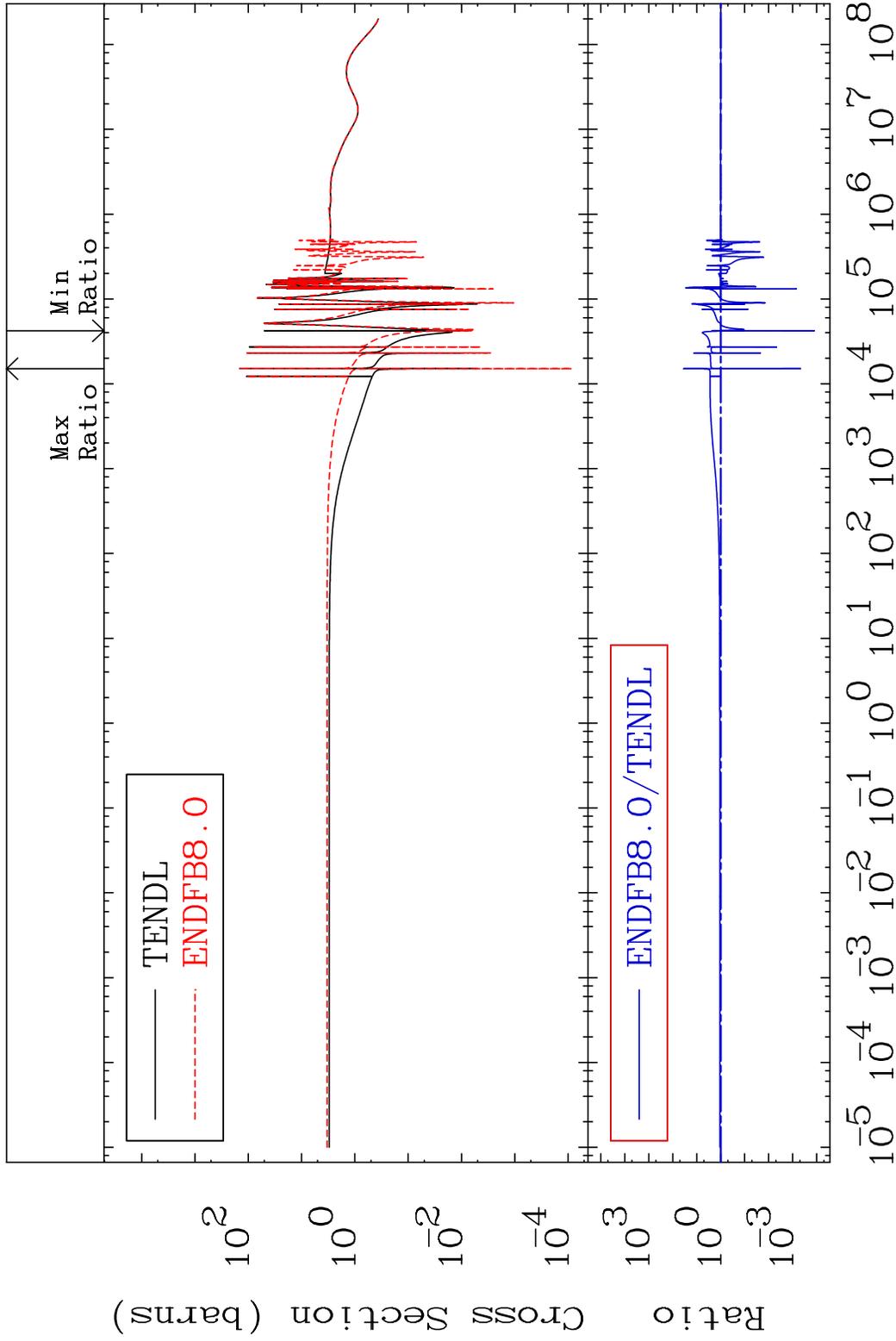
1                      Incident Energy (eV)                      20-Ca-44

MAT 2037

Elastic

20-Ca-44

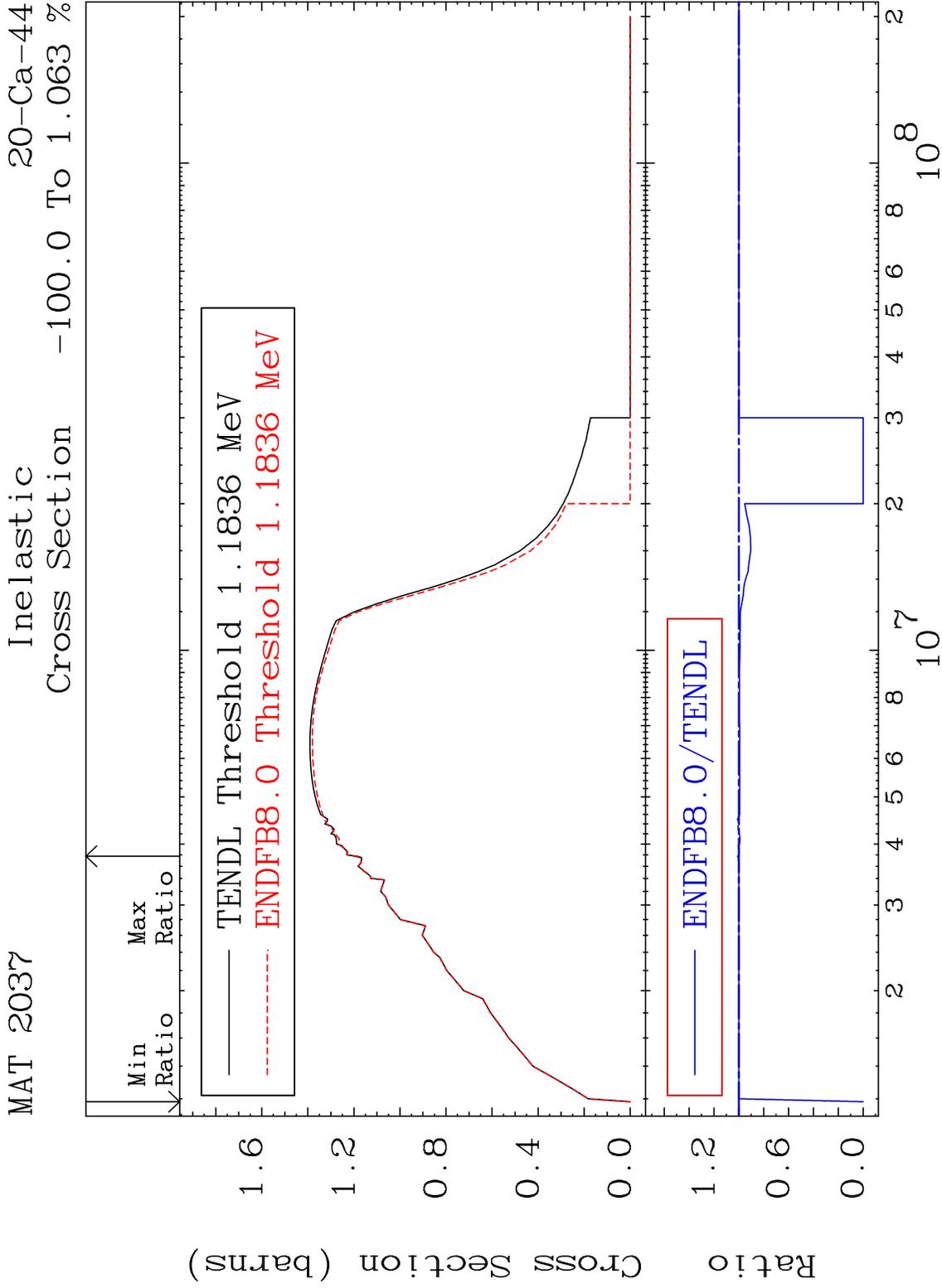
Cross Section -99.99 To 3449. %



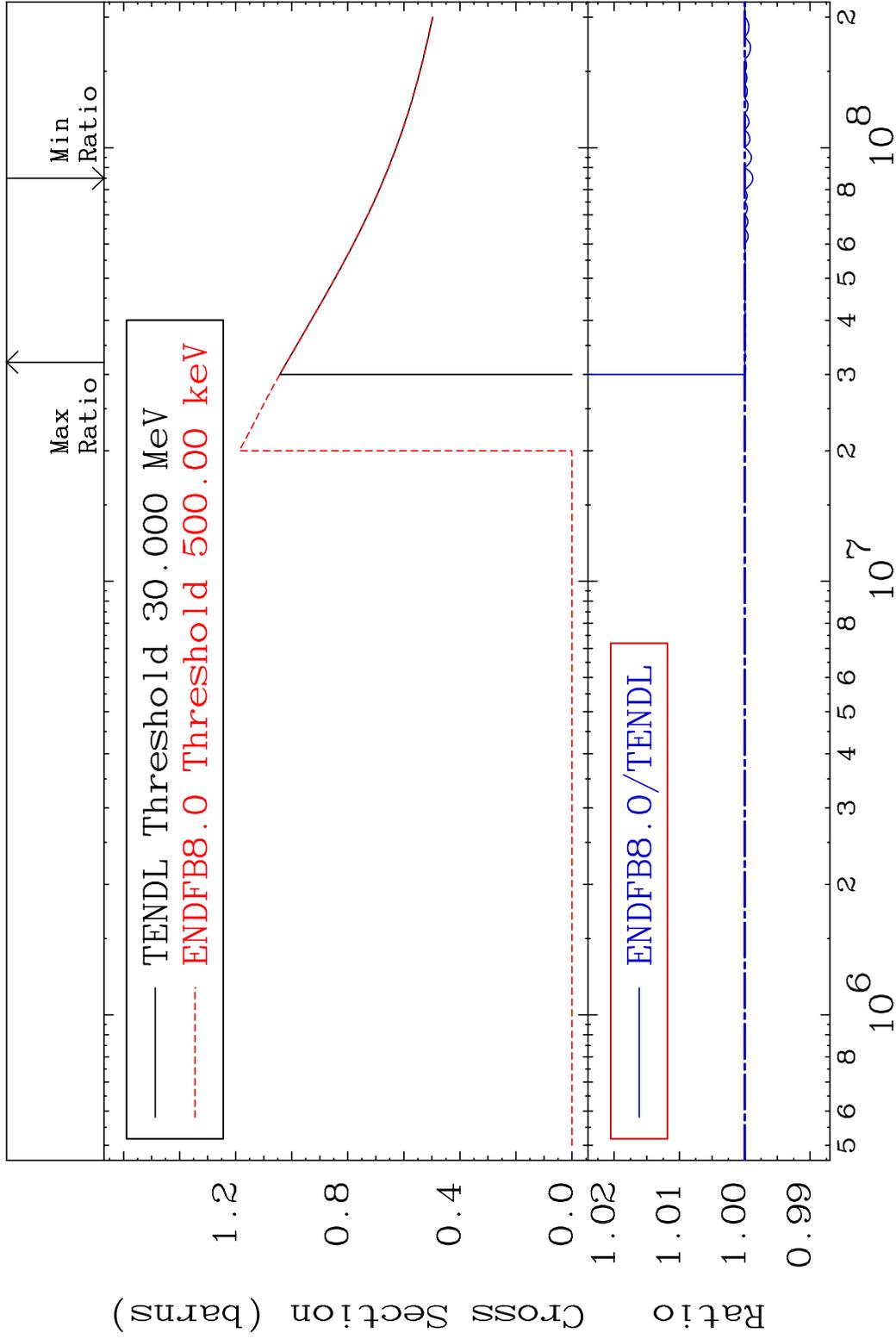
2

Incident Energy (eV)

20-Ca-44

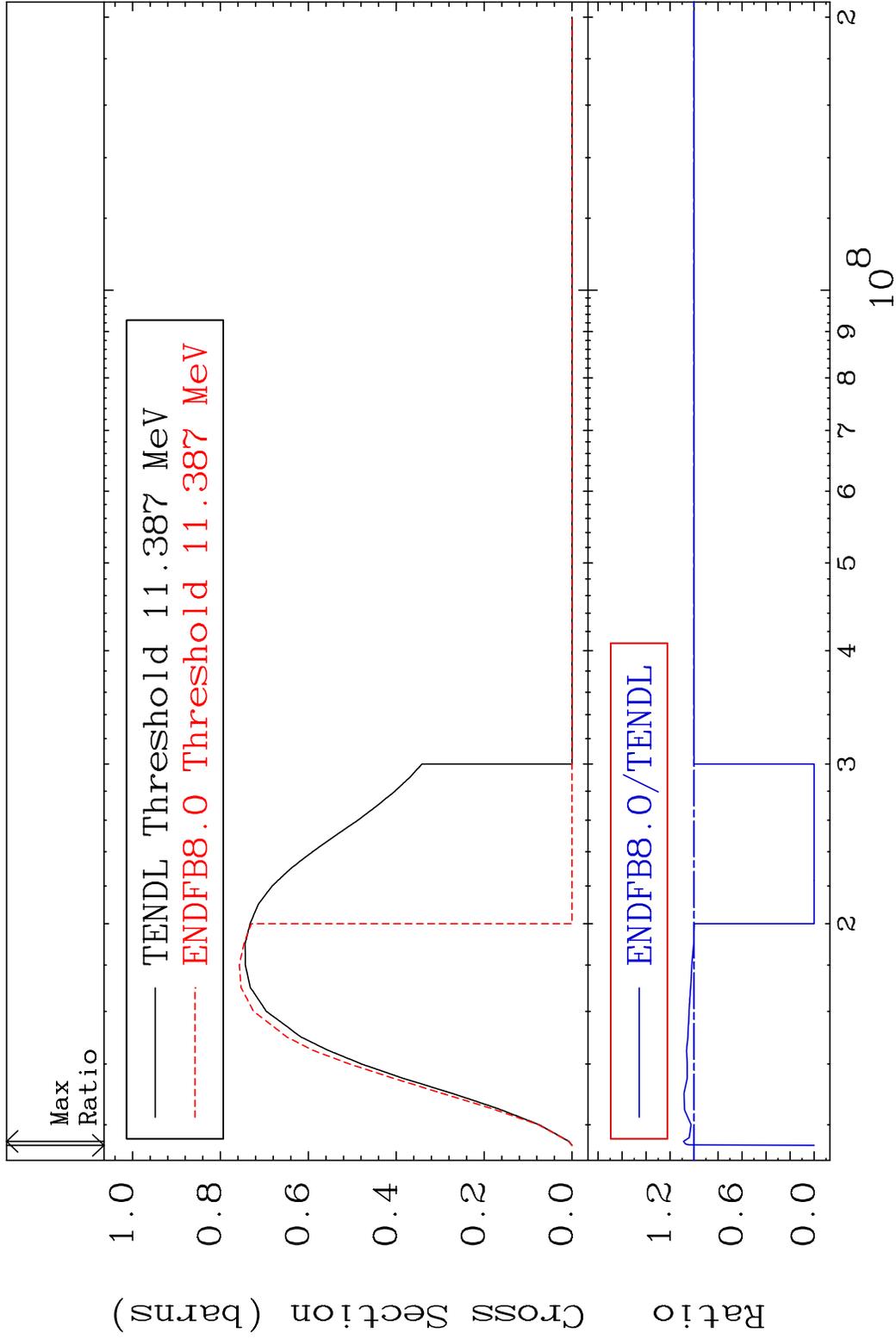


MAT 2037 (n, remainder) 20-Ca-44  
 Cross Section -0.125 To 0.000 %

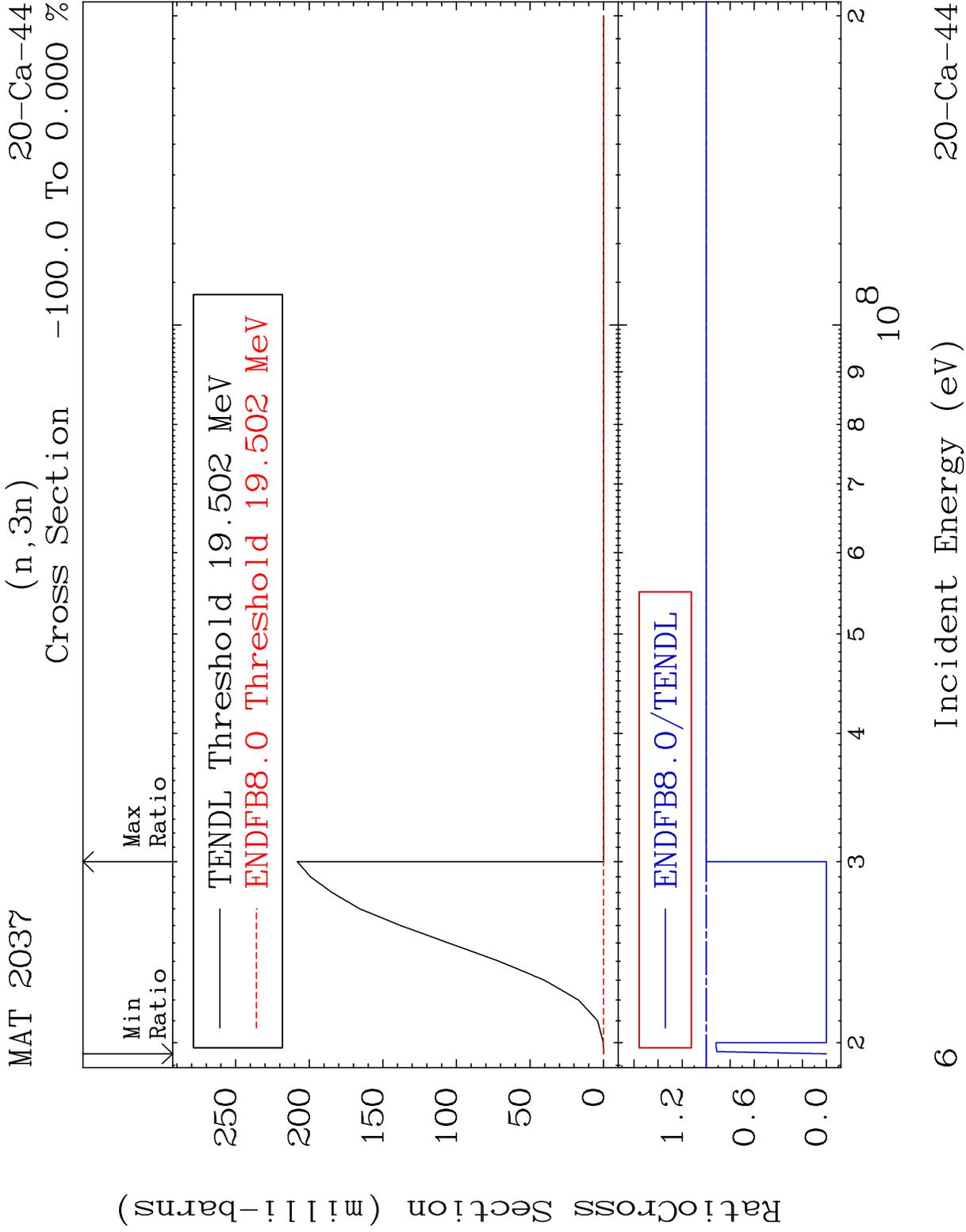


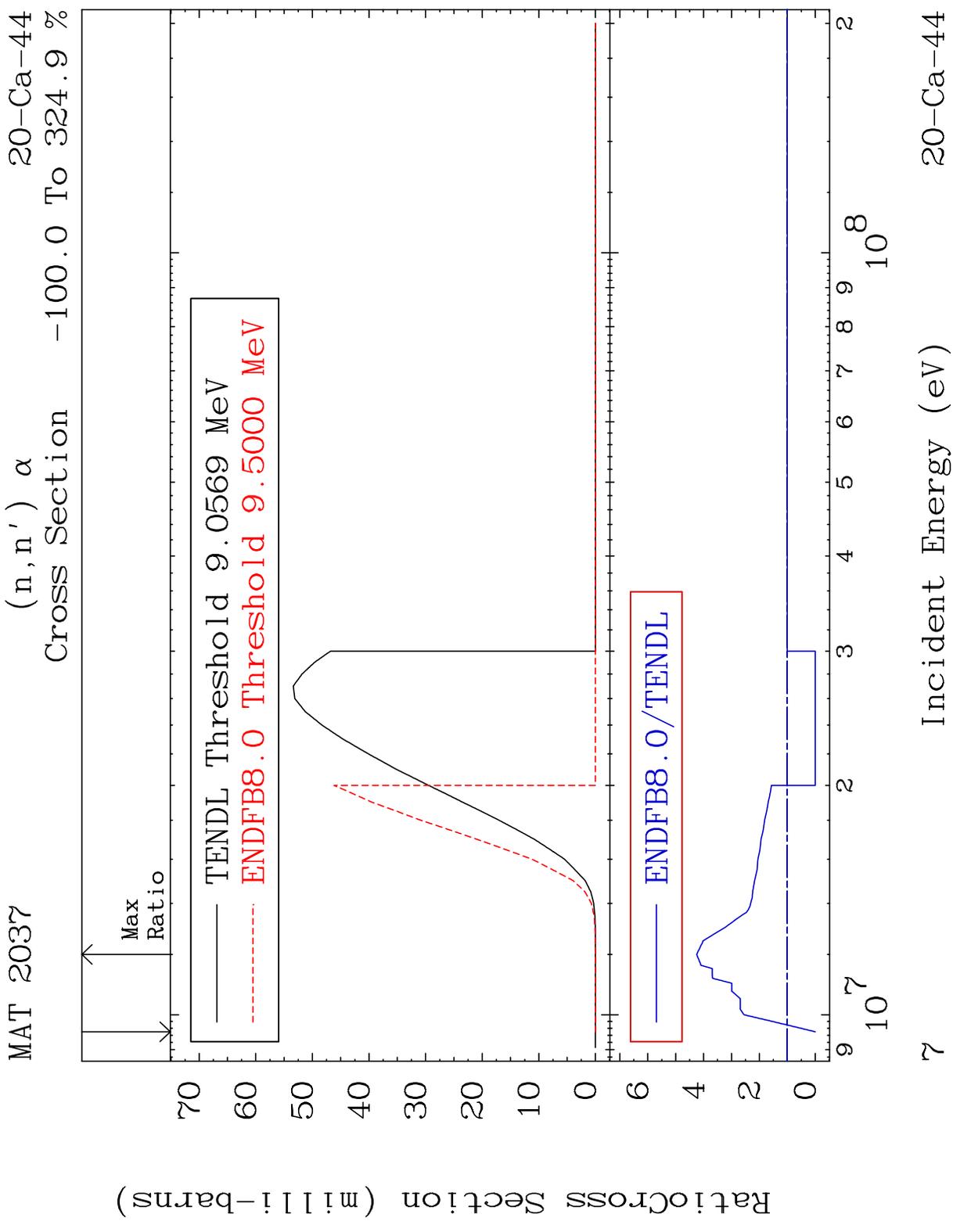
4 Incident Energy (eV) 20-Ca-44

MAT 2037 (n,2n) 20-Ca-44  
 Cross Section -100.0 To 8.794 %

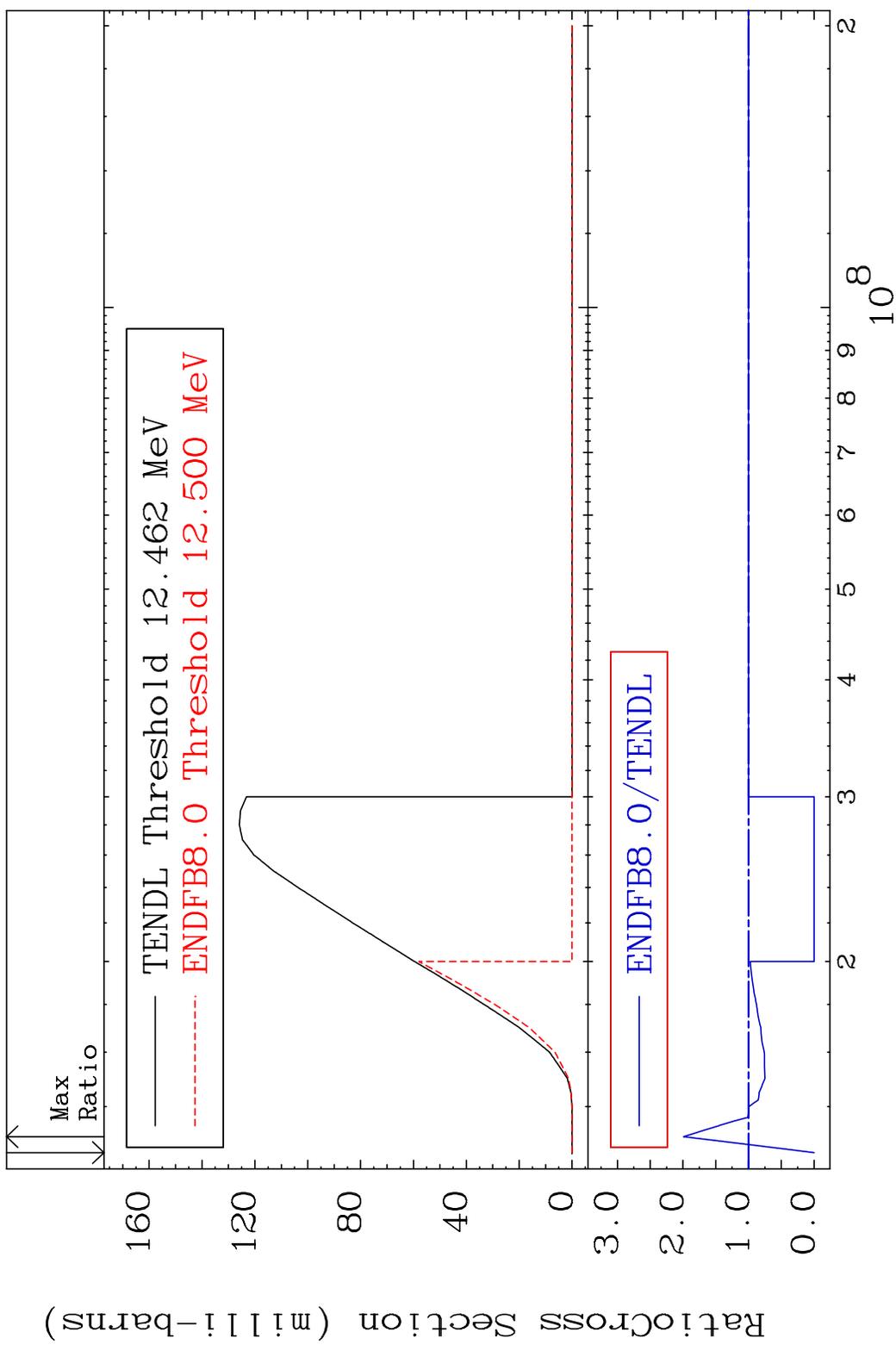


5 Incident Energy (eV) 20-Ca-44



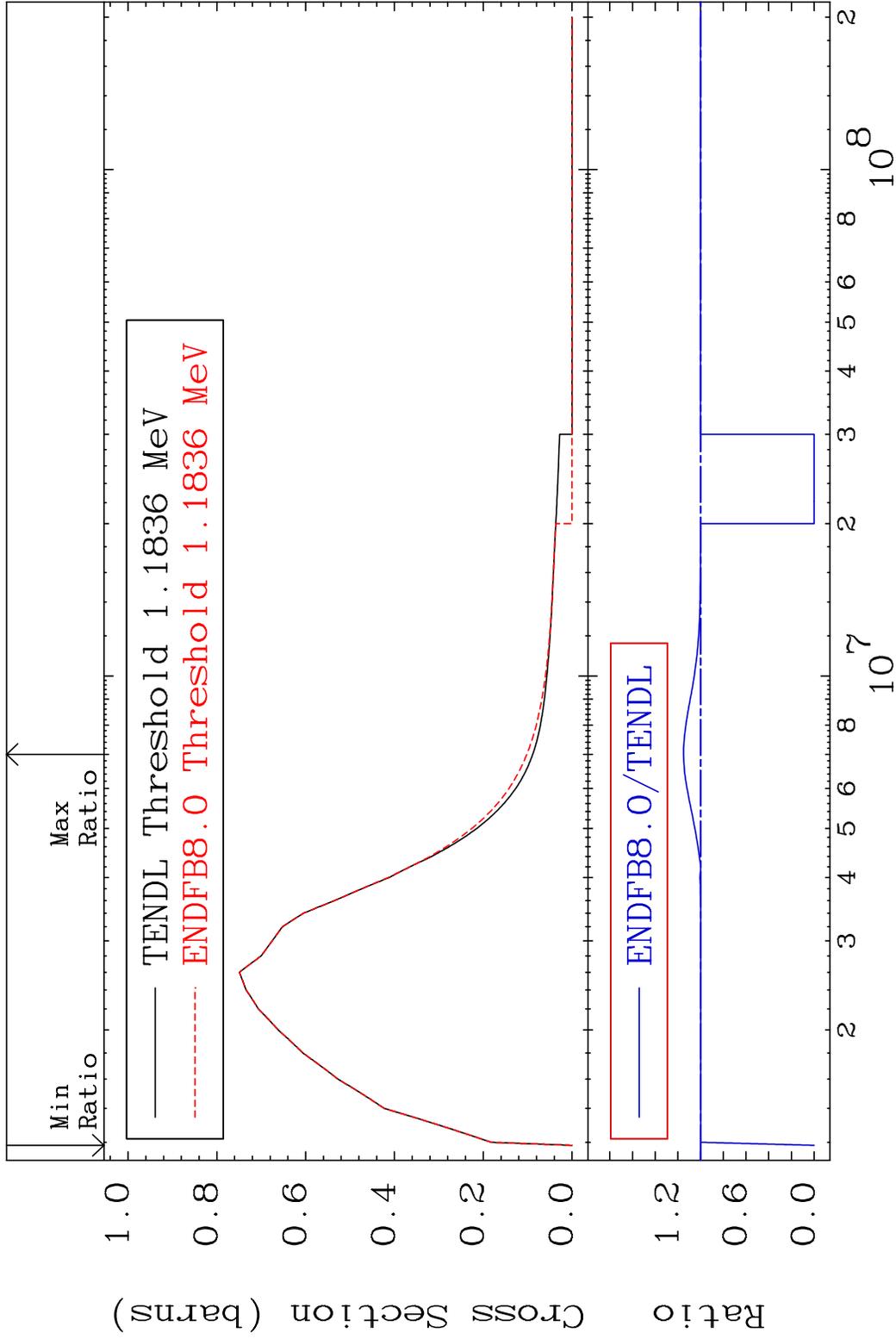


MAT 2037 (n, n') p 20-Ca-44  
 Cross Section -100.0 To 99.14 %

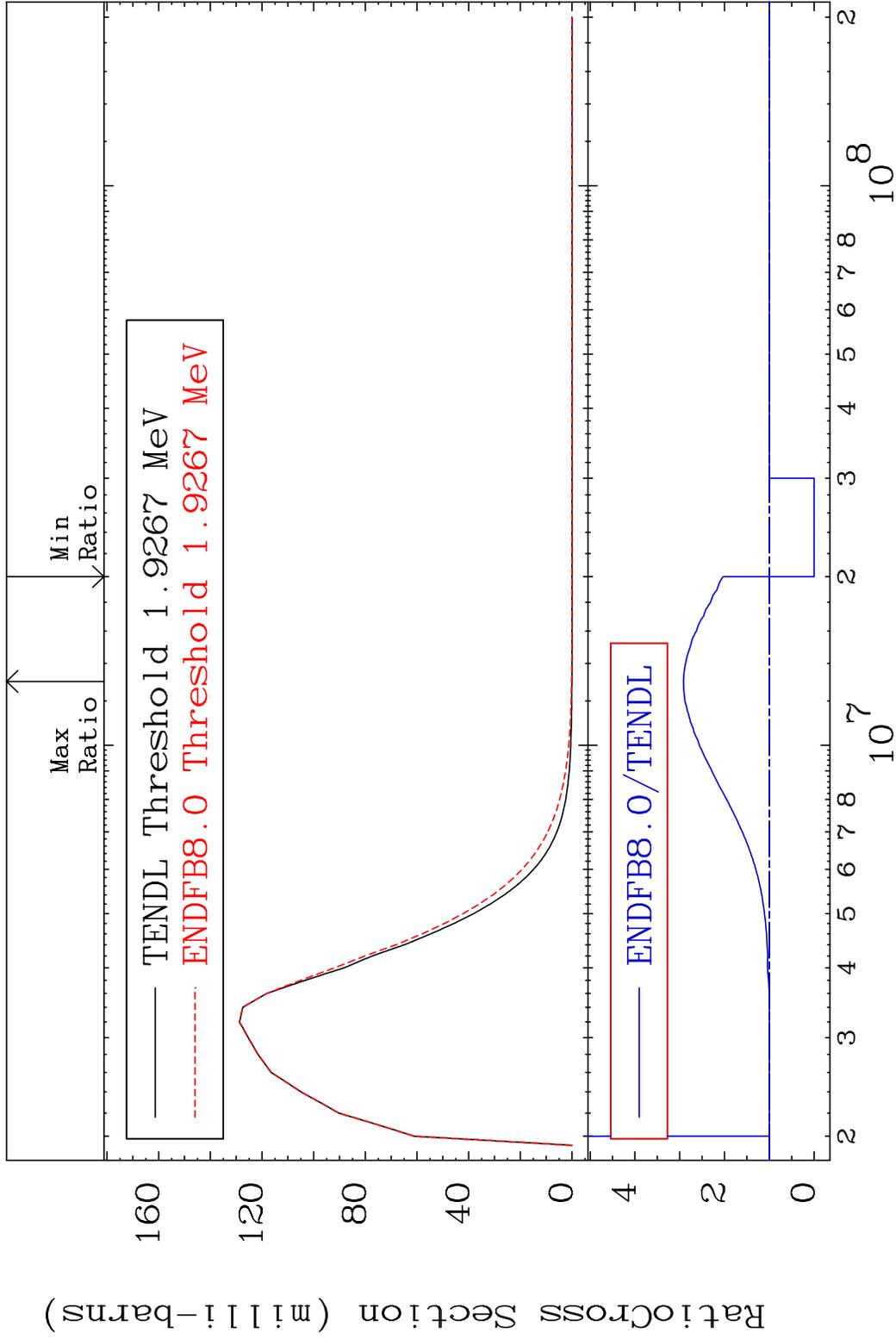


8 Incident Energy (eV) 20-Ca-44

MAT 2037 MT= 51 (n, n') Level 20-Ca-44  
 Cross Section -100.0 To 15.03 %

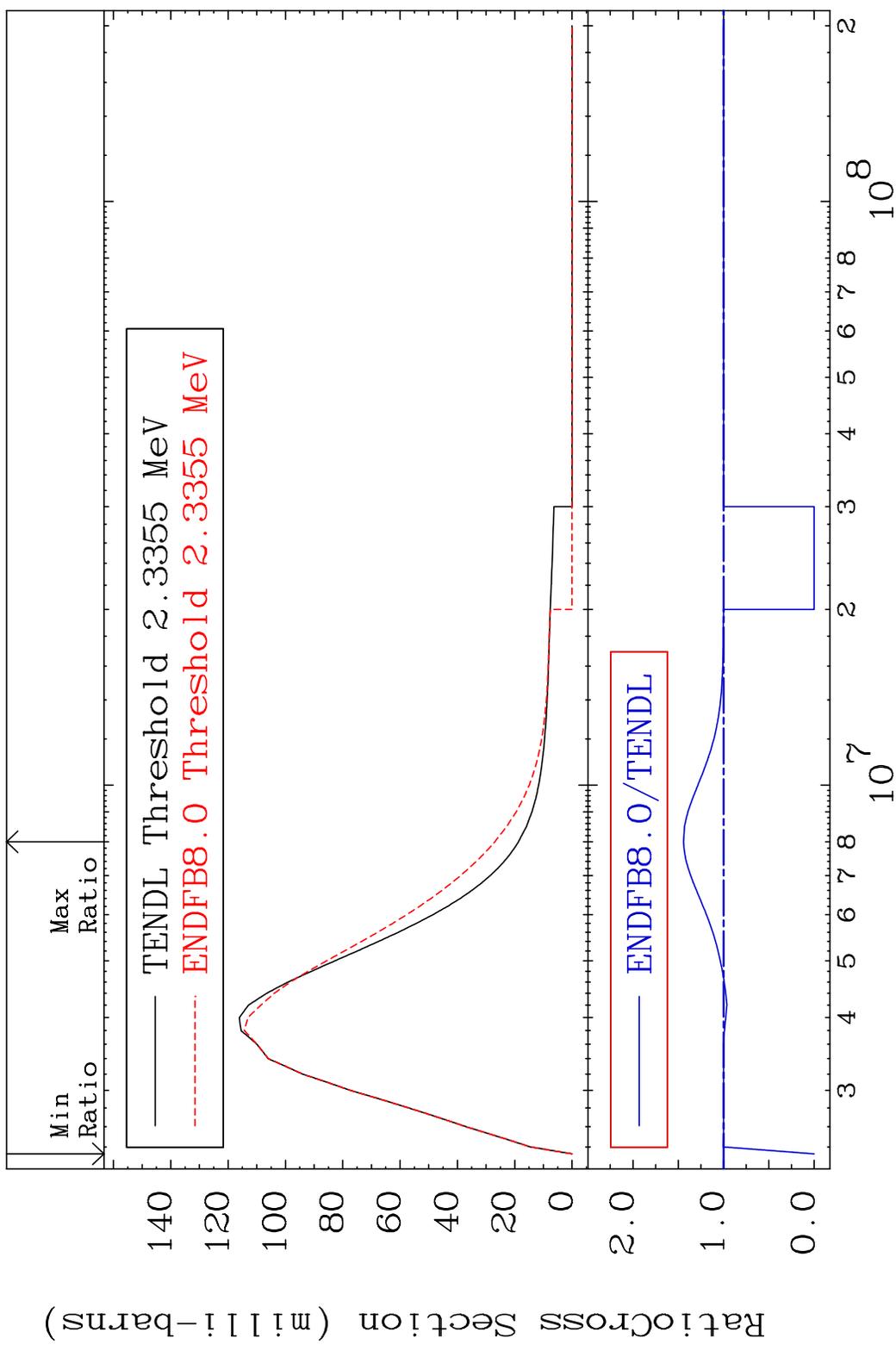


MAT 2037 MT= 52 (n, n') Level 20-Ca-44  
 Cross Section -100.0 To 191.5 %



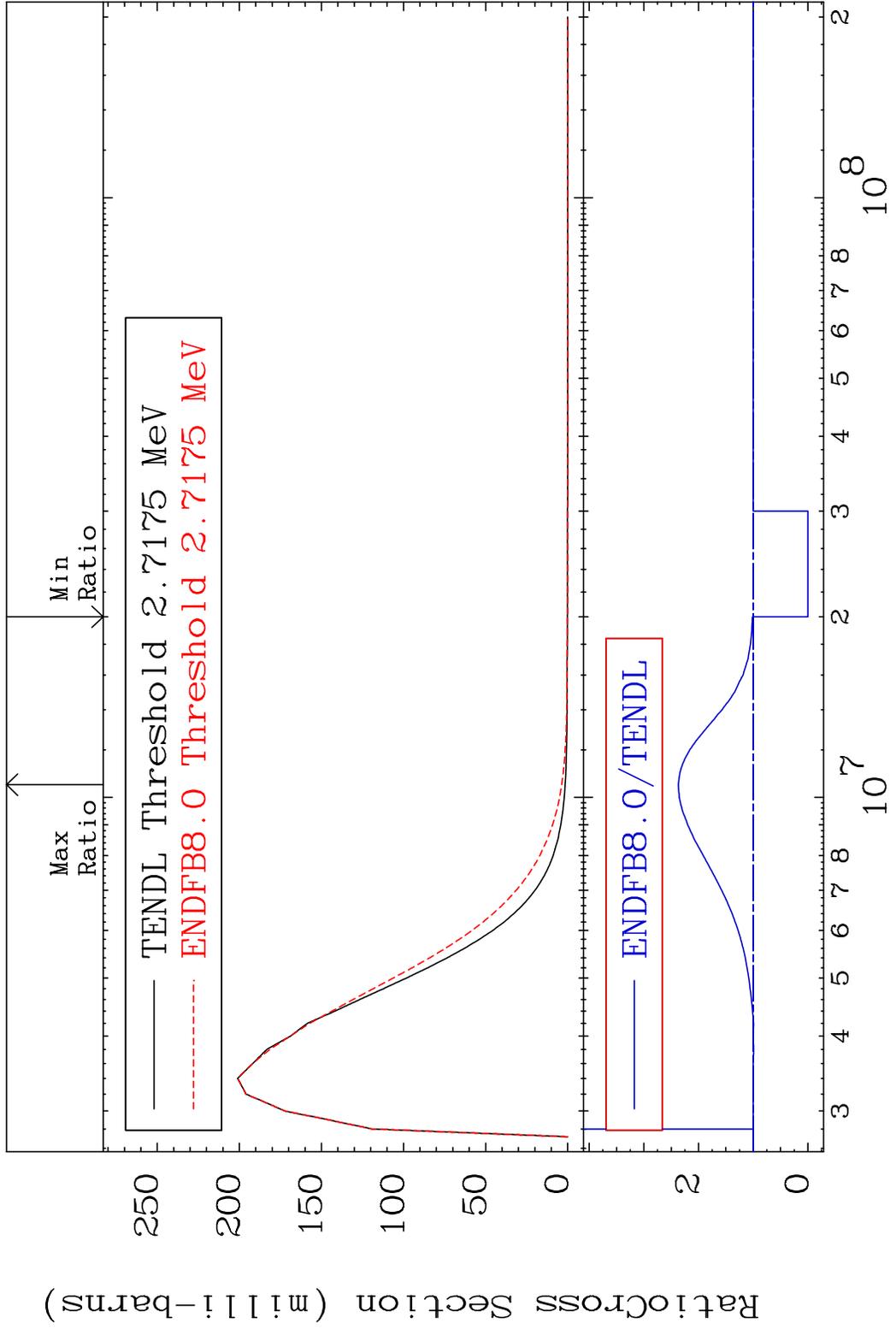
10 20-Ca-44

MAT 2037 MT= 53 (n, n') Level 20-Ca-44  
 Cross Section -100.0 To 44.13 %



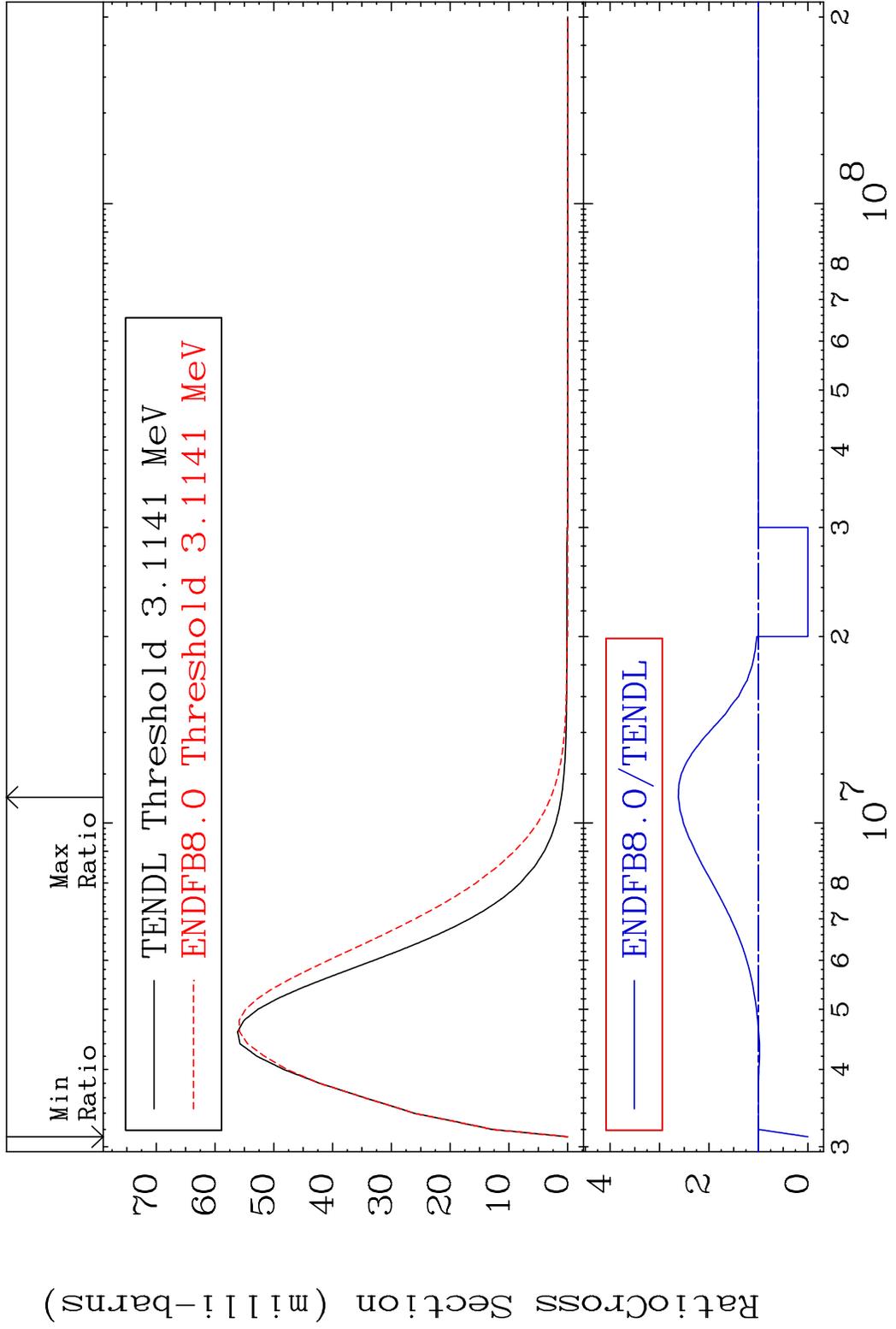
11 Incident Energy (eV) 20-Ca-44

MAT 2037 MT= 54 (n, n') Level 20-Ca-44  
 Cross Section -100.0 To 137.0 %



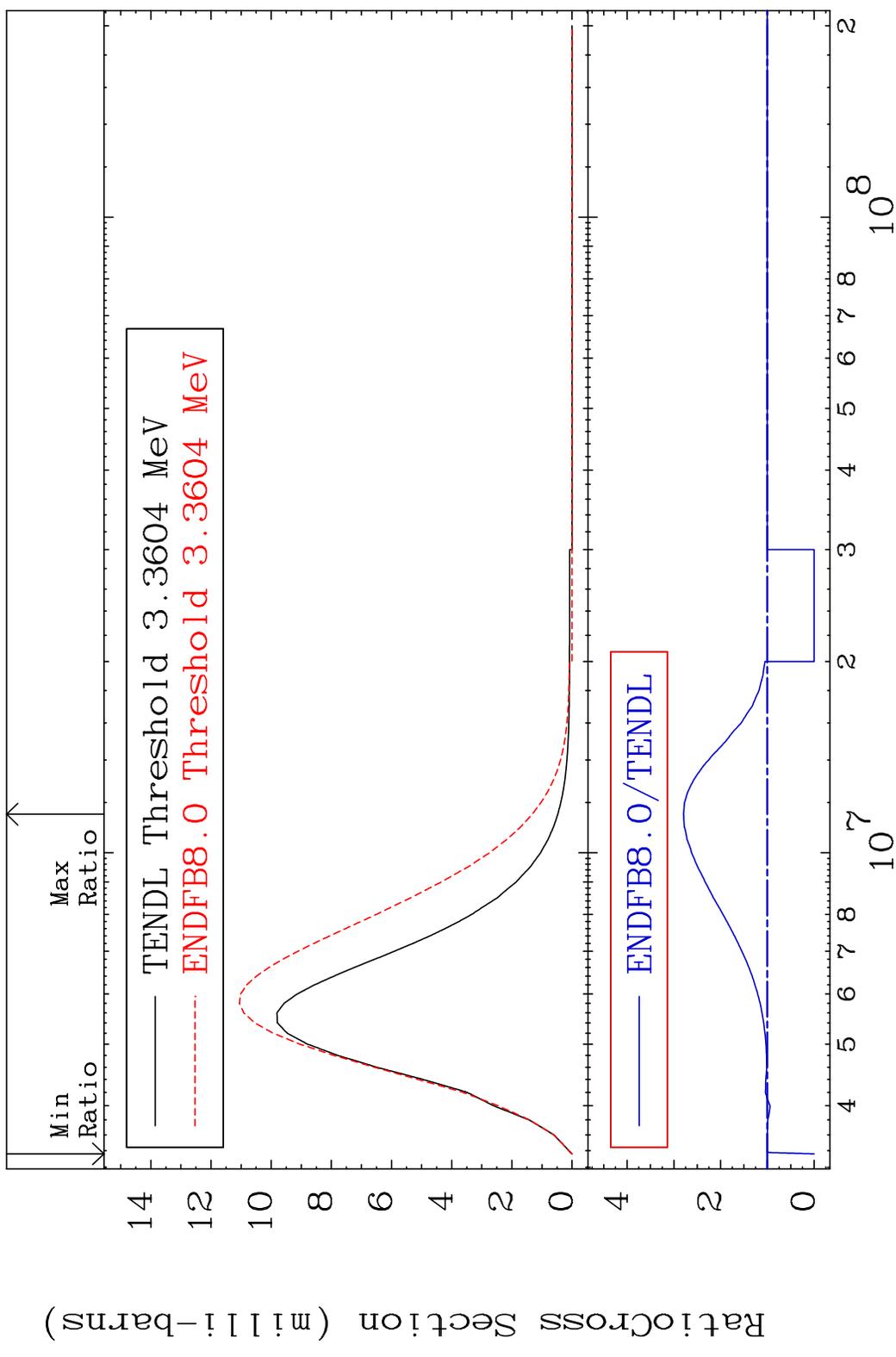
12 Incident Energy (eV) 20-Ca-44

MAT 2037 MT= 55 (n, n') Level 20-Ca-44  
 Cross Section -100.0 To 161.9 %



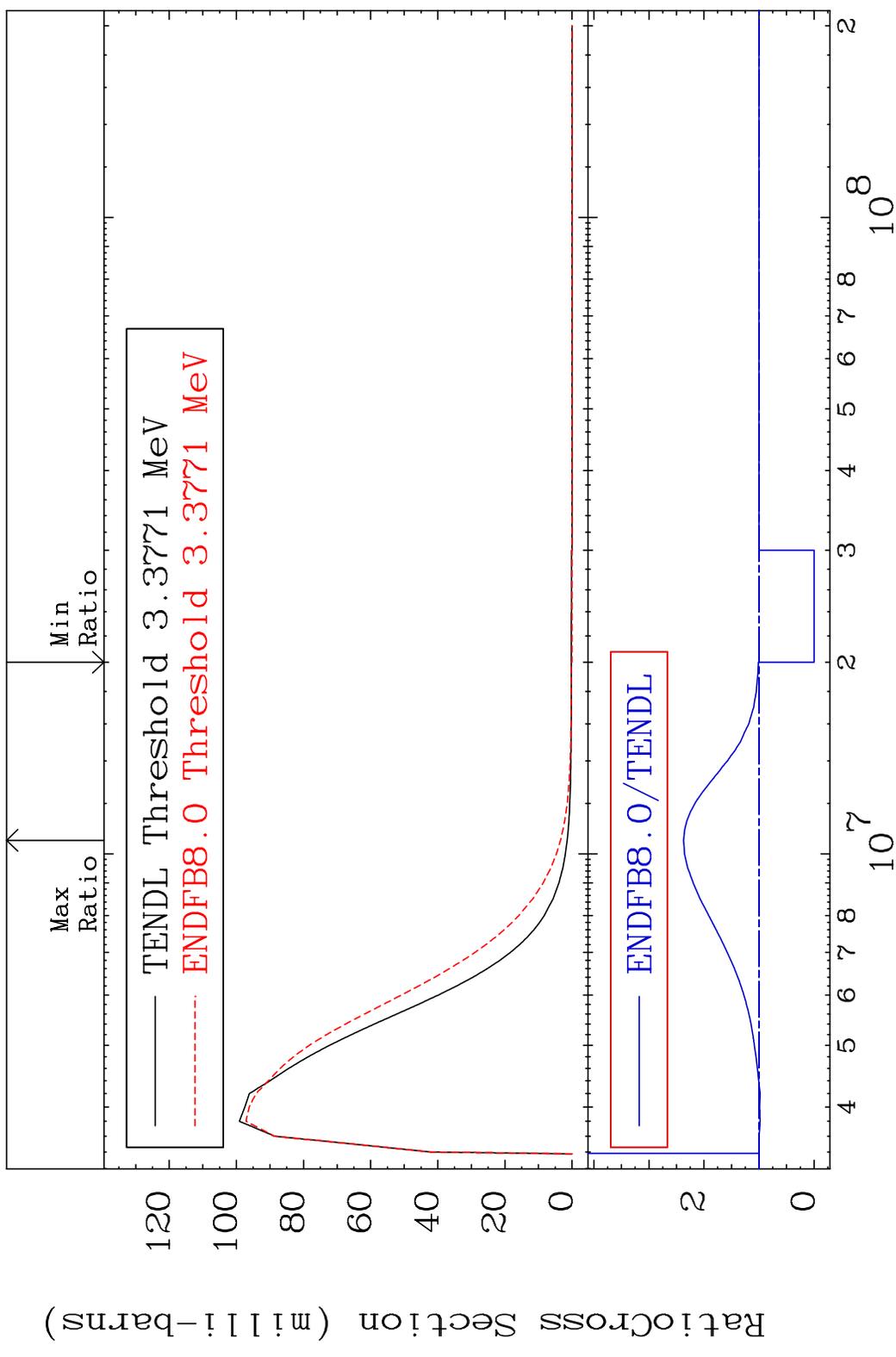
13 20-Ca-44

MAT 2037 MT= 56 (n, n') Level 20-Ca-44  
 Cross Section -100.0 To 179.4 %



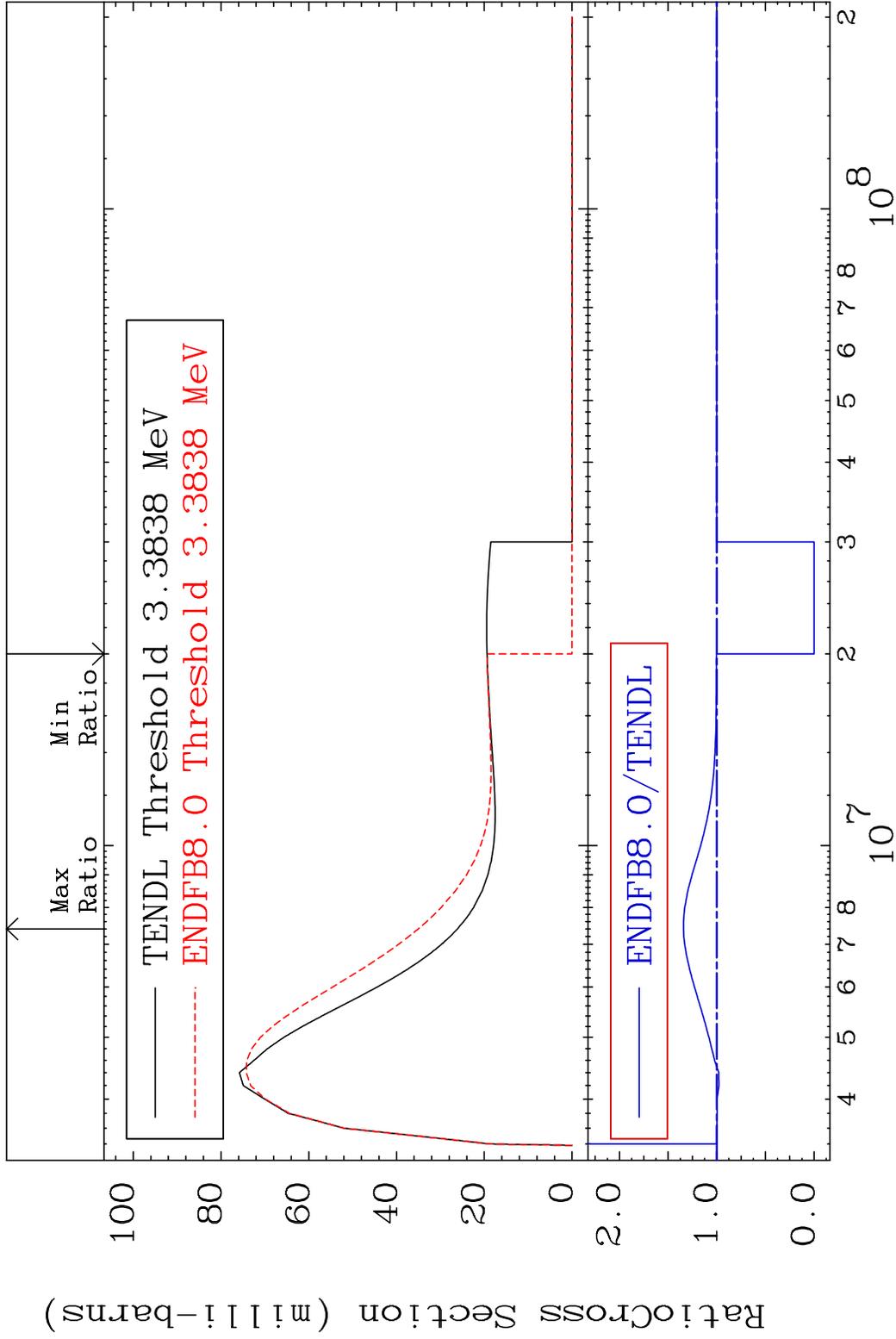
14 Incident Energy (eV) 20-Ca-44

MAT 2037 MT= 57 (n, n') Level 20-Ca-44  
 Cross Section -100.0 To 137.2 %



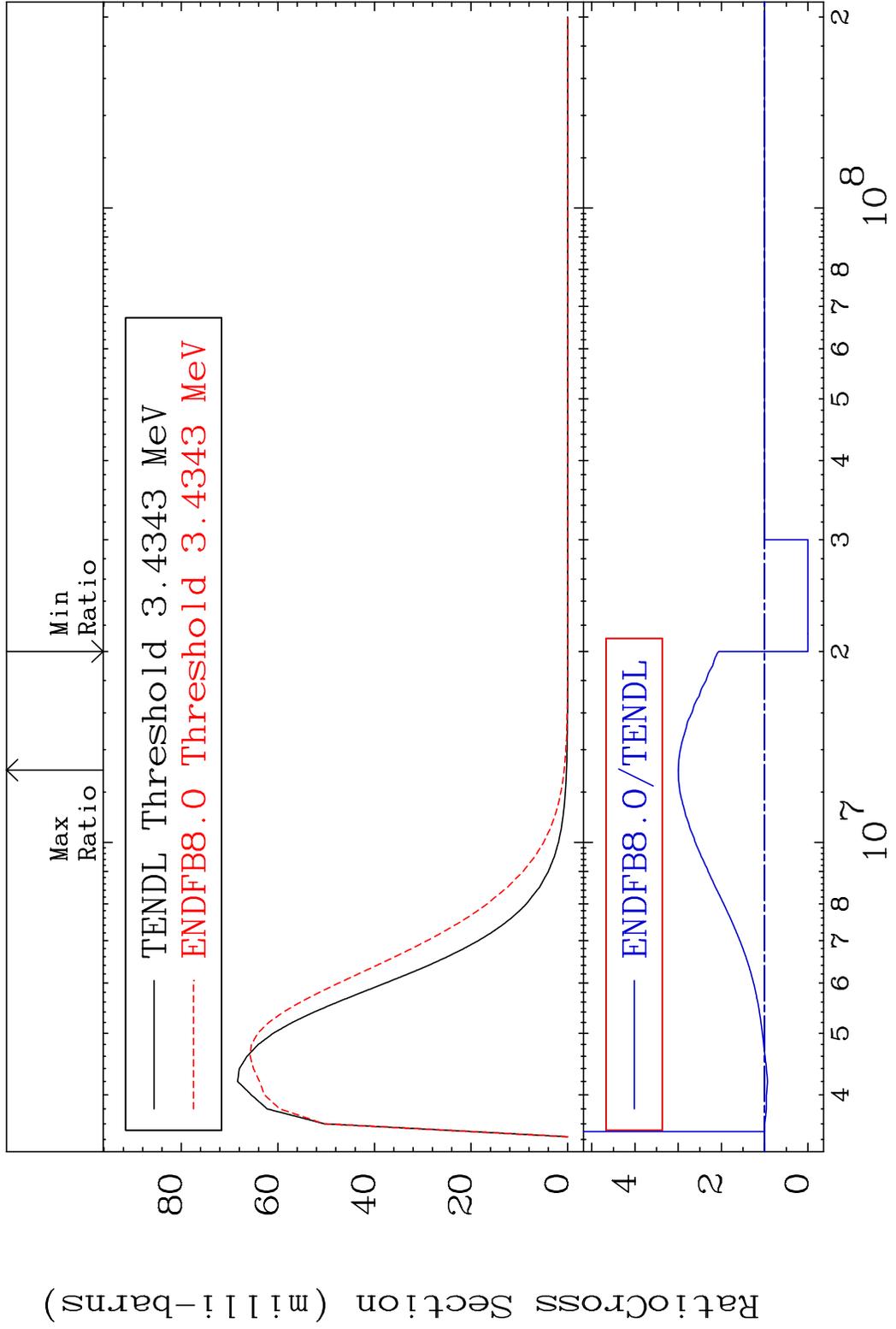
15 Incident Energy (eV) 20-Ca-44

MAT 2037 MT= 58 (n, n') Level 20-Ca-44  
 Cross Section -100.0 To 34.17 %



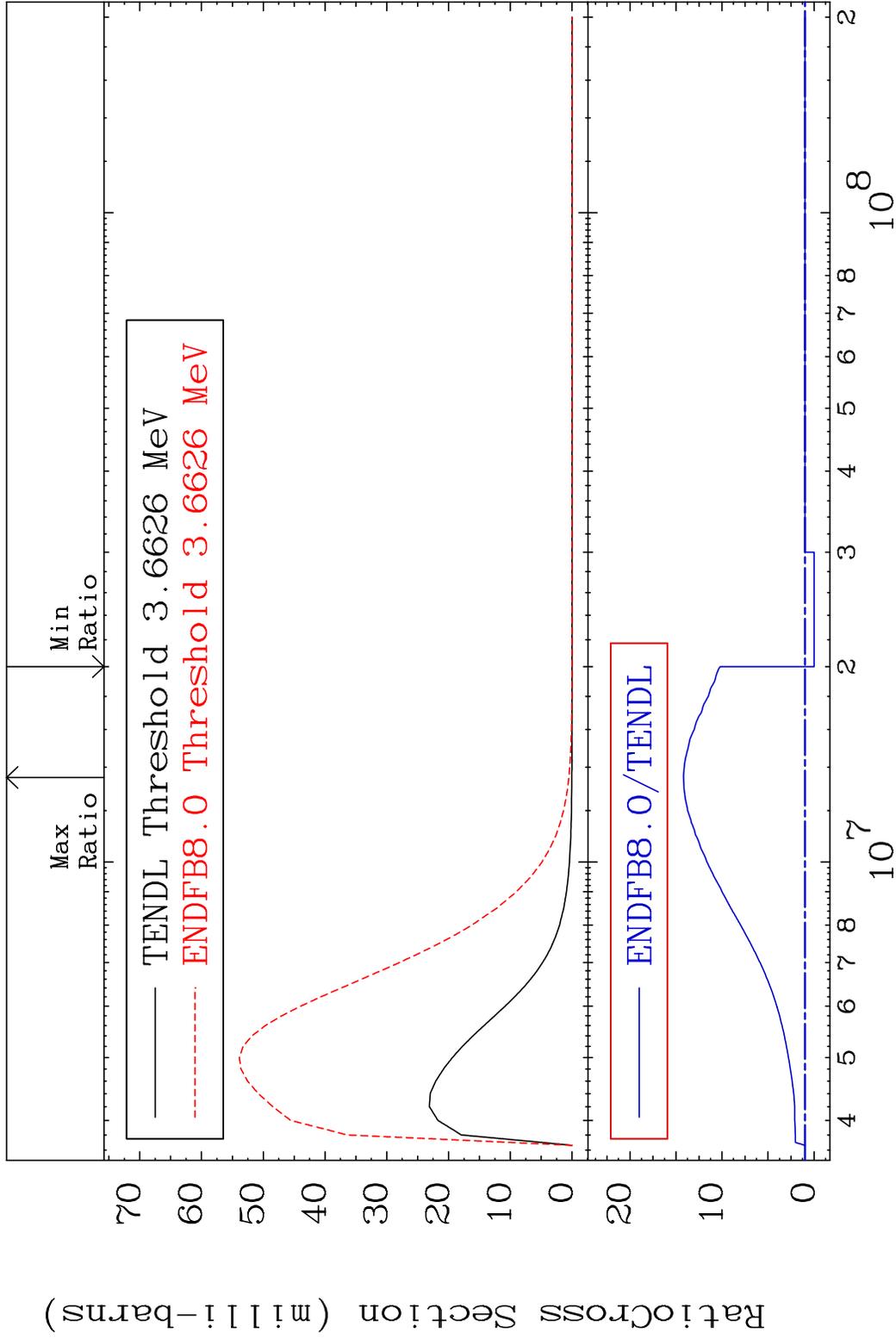
16 Incident Energy (eV) 20-Ca-44

MAT 2037 MT= 59 (n, n') Level 20-Ca-44  
 Cross Section -100.0 To 199.8 %



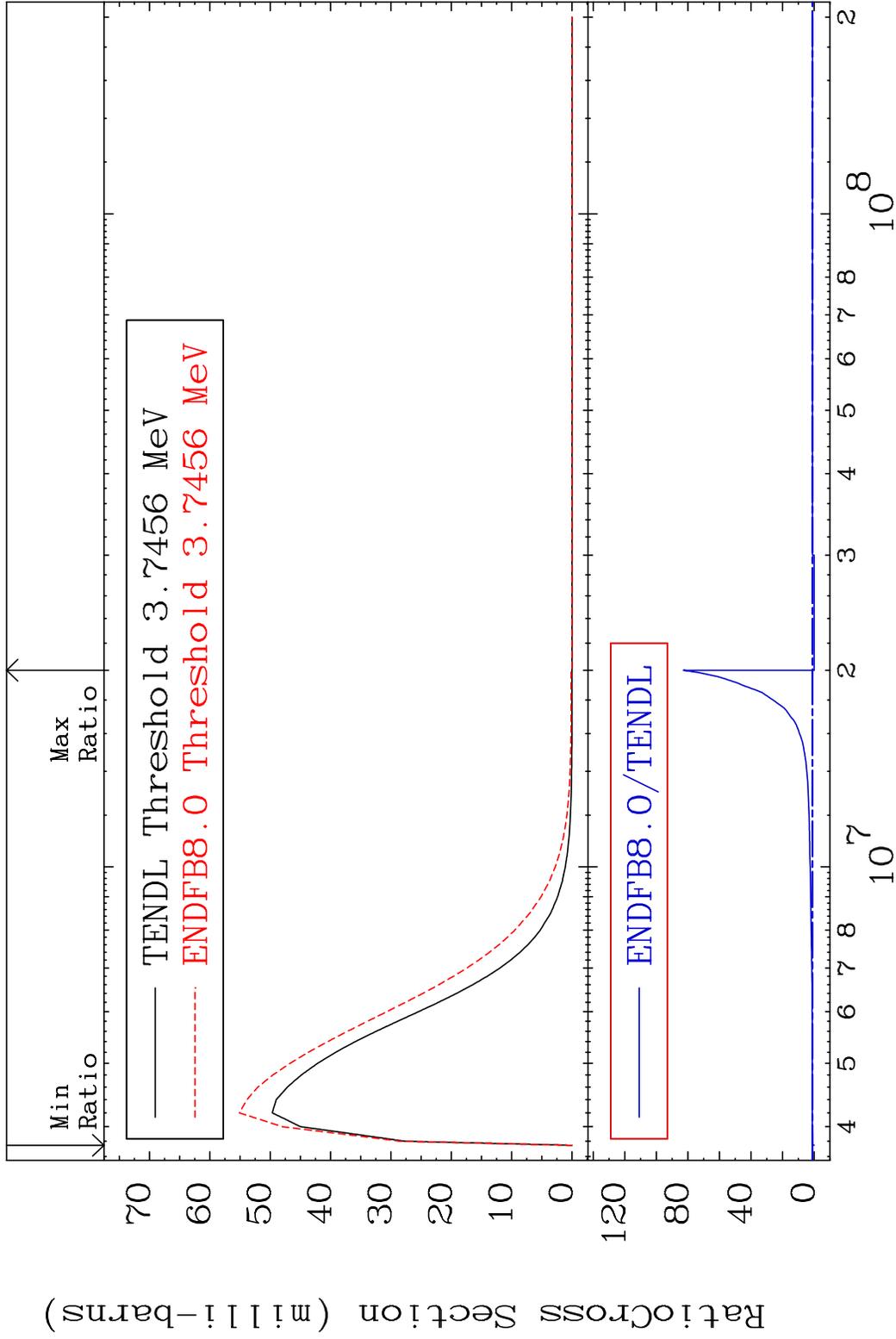
17 20-Ca-44

MAT 2037 MT= 60 (n, n') Level 20-Ca-44  
 Cross Section -100.0 To 1318. %



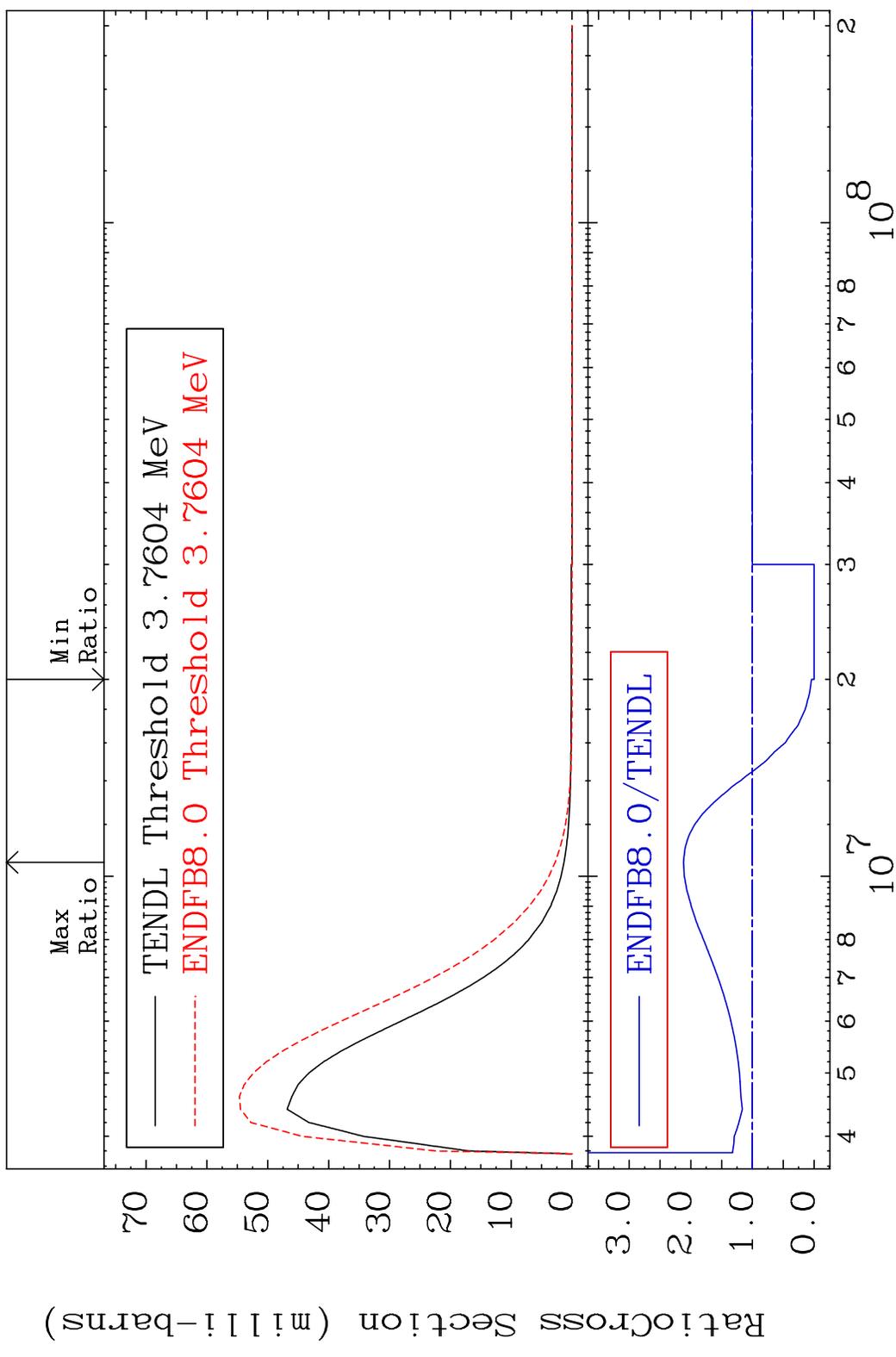
18 20-Ca-44

MAT 2037 MT= 61 (n, n') Level 20-Ca-44  
 Cross Section -100.0 To 8173. %



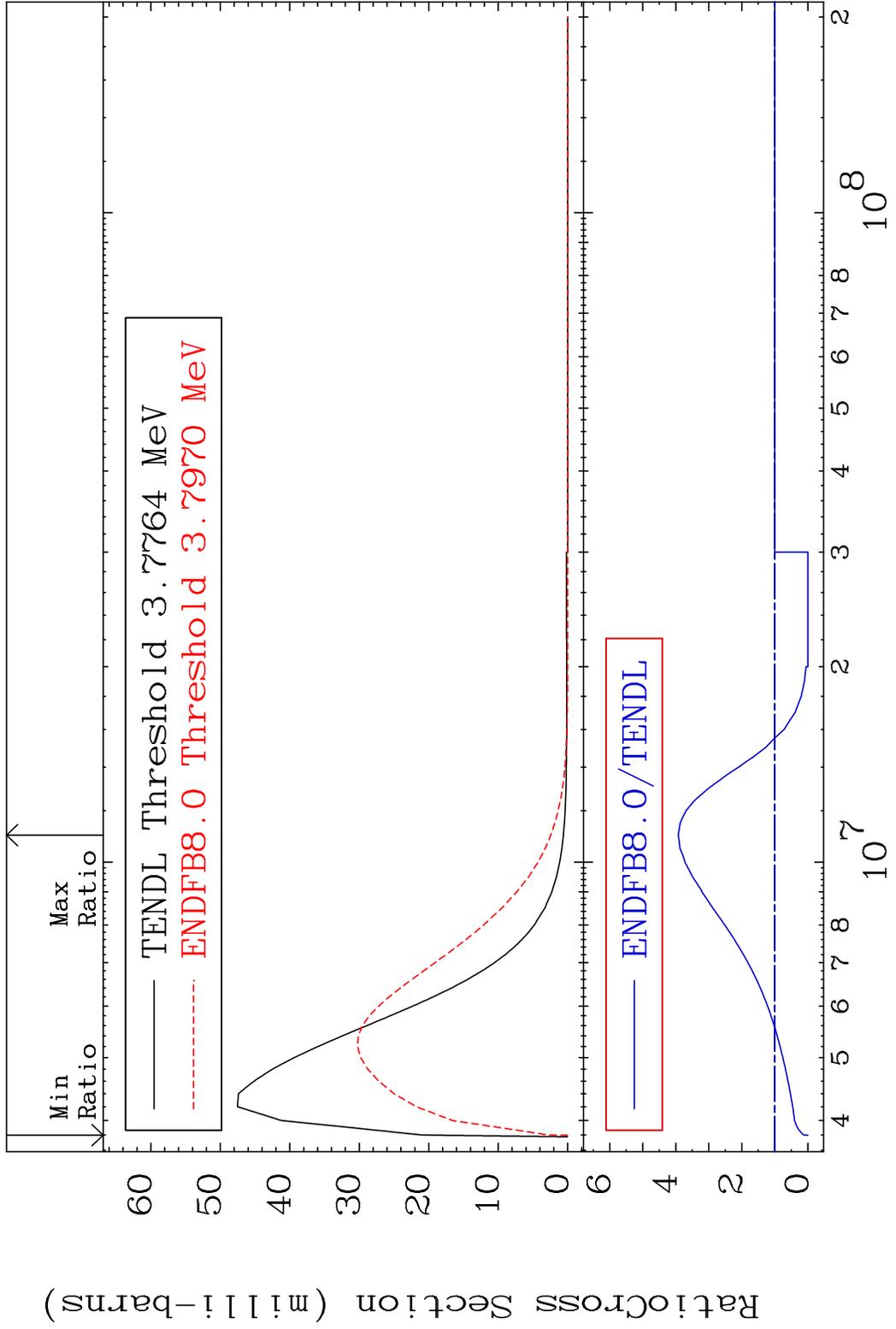
19 20-Ca-44

MAT 2037 MT= 62 (n, n') Level 20-Ca-44  
 Cross Section -100.0 To 111.9 %



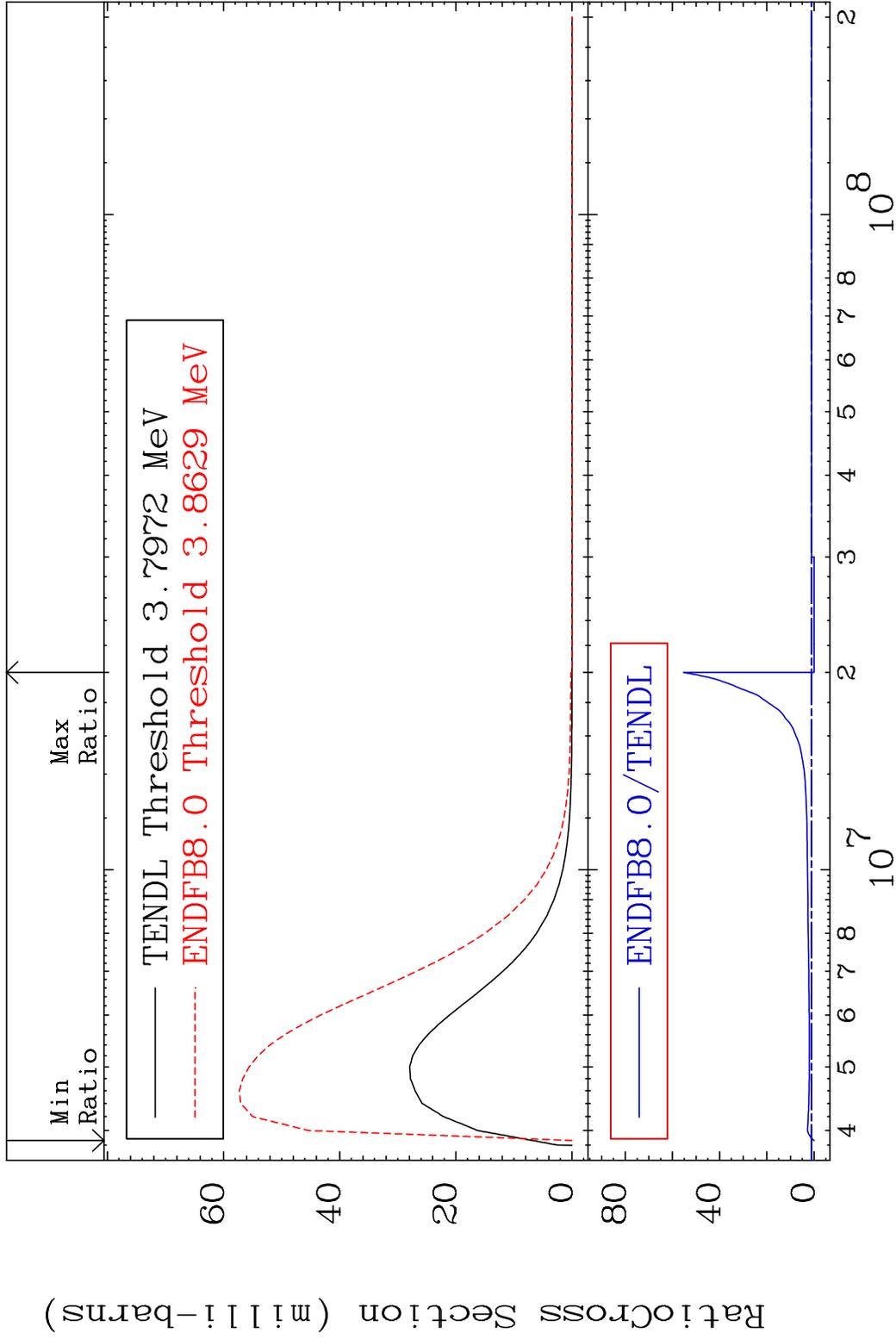
20 Incident Energy (eV) 20-Ca-44

MAT 2037 MT= 63 (n, n') Level 20-Ca-44  
 Cross Section -100.0 To 292.3 %



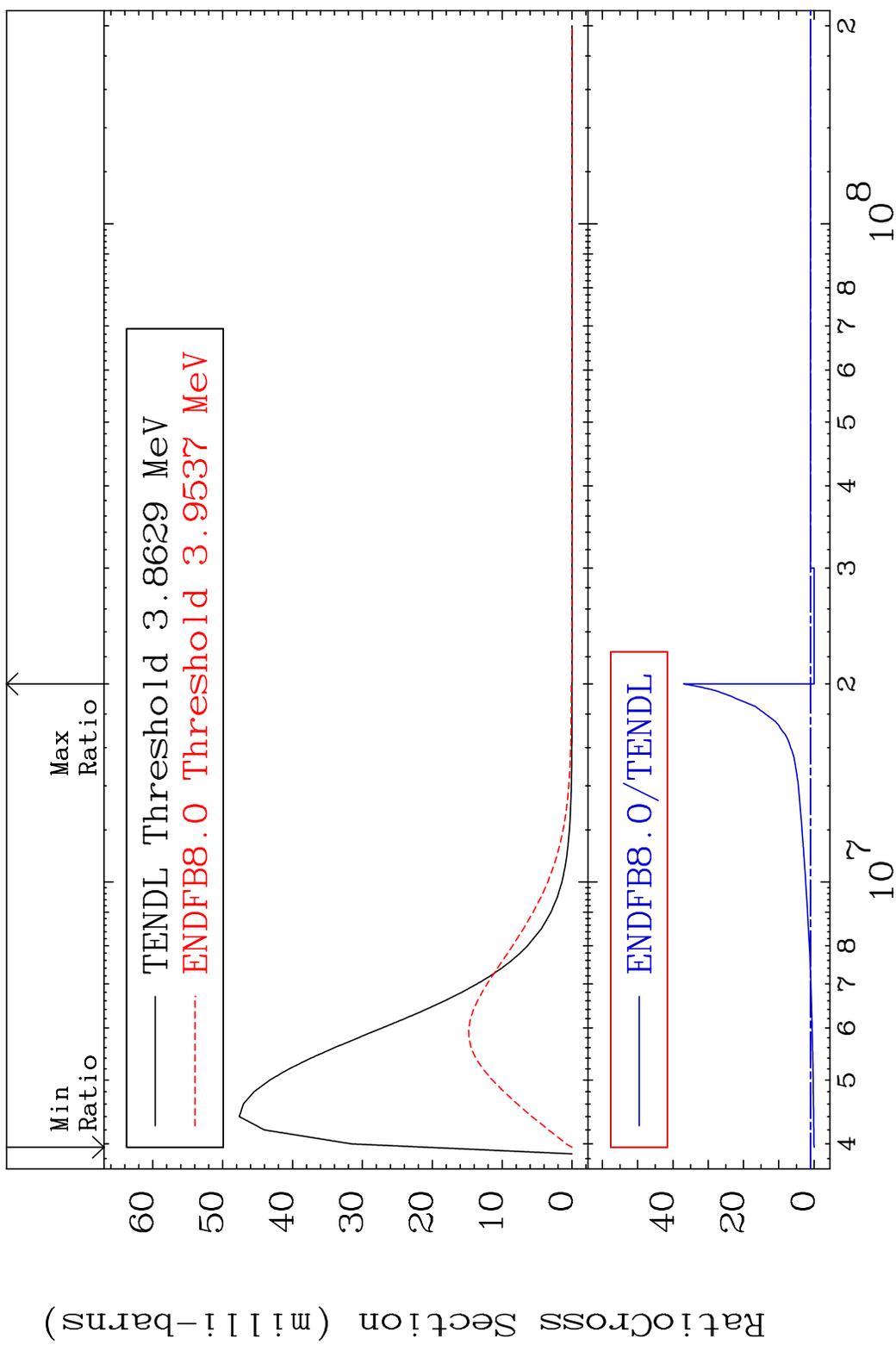
21 Incident Energy (eV) 20-Ca-44

MAT 2037 MT= 64 (n, n') Level 20-Ca-44  
 Cross Section -100.0 To 5430. %

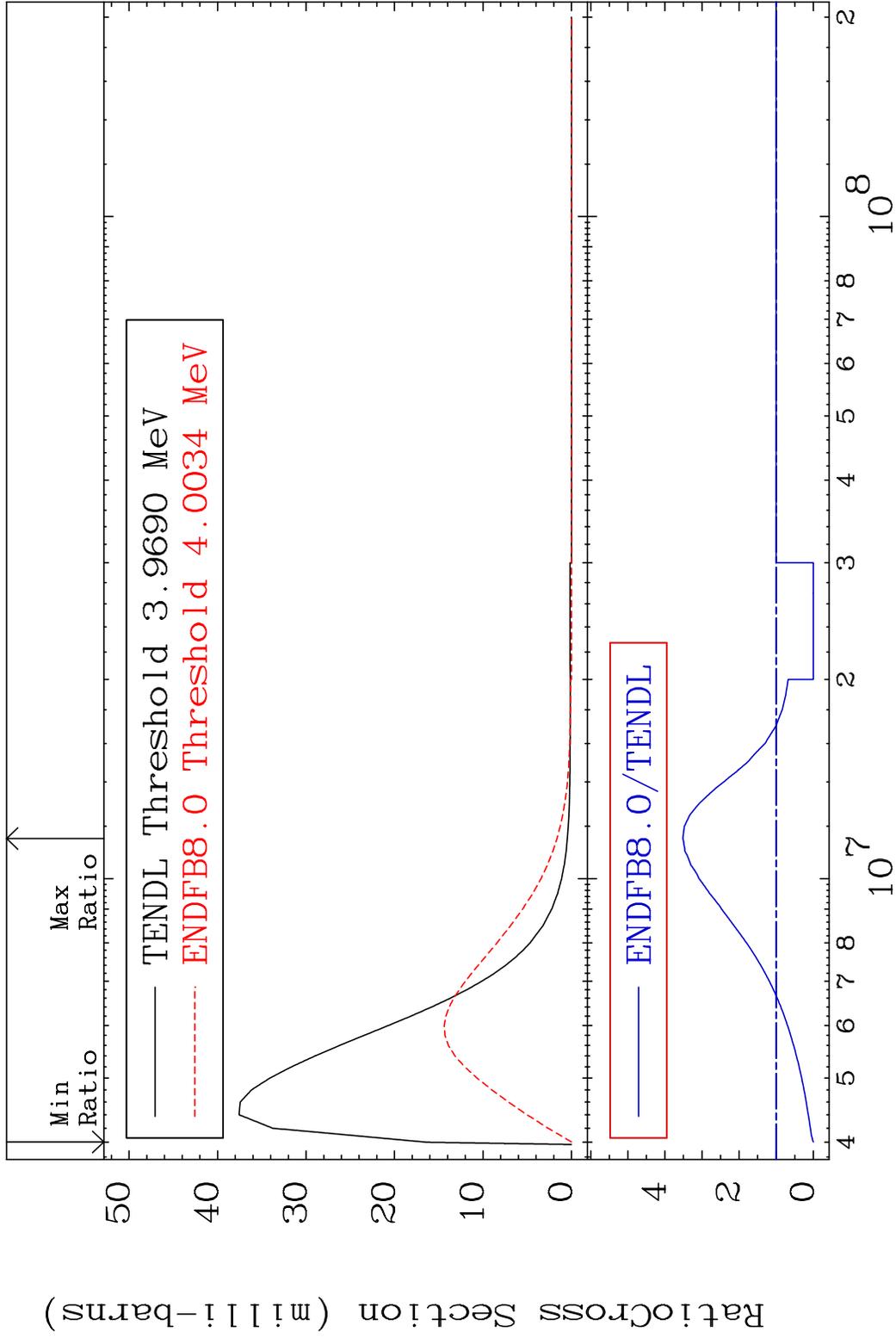


22 20-Ca-44

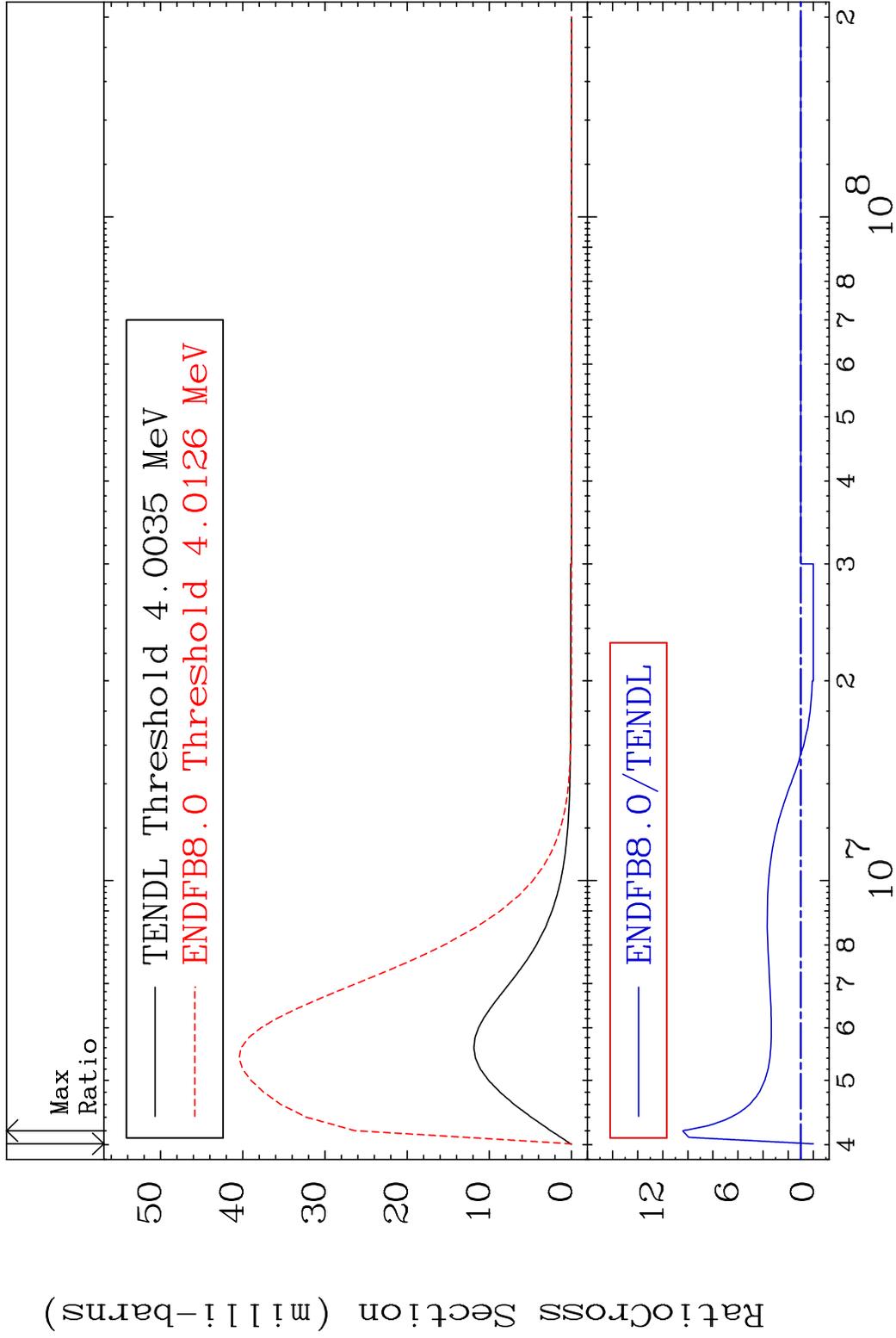
MAT 2037 MT= 65 (n, n') Level 20-Ca-44  
 Cross Section -100.0 To 3600. %



MAT 2037 MT= 66 (n, n') Level 20-Ca-44  
 Cross Section -100.0 To 251.6 %

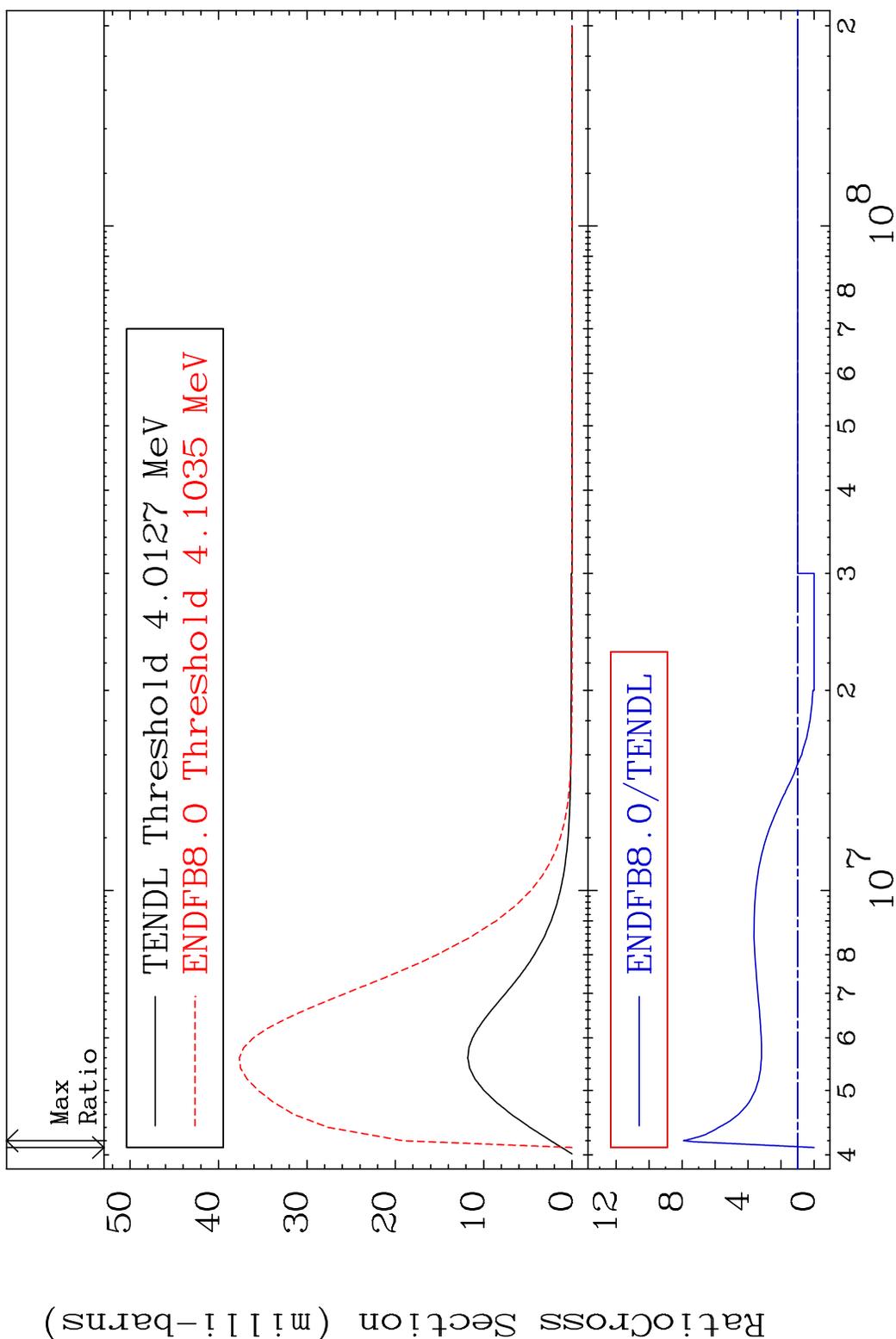


MAT 2037 MT= 67 (n, n') Level 20-Ca-44  
 Cross Section -100.0 To 939.5 %



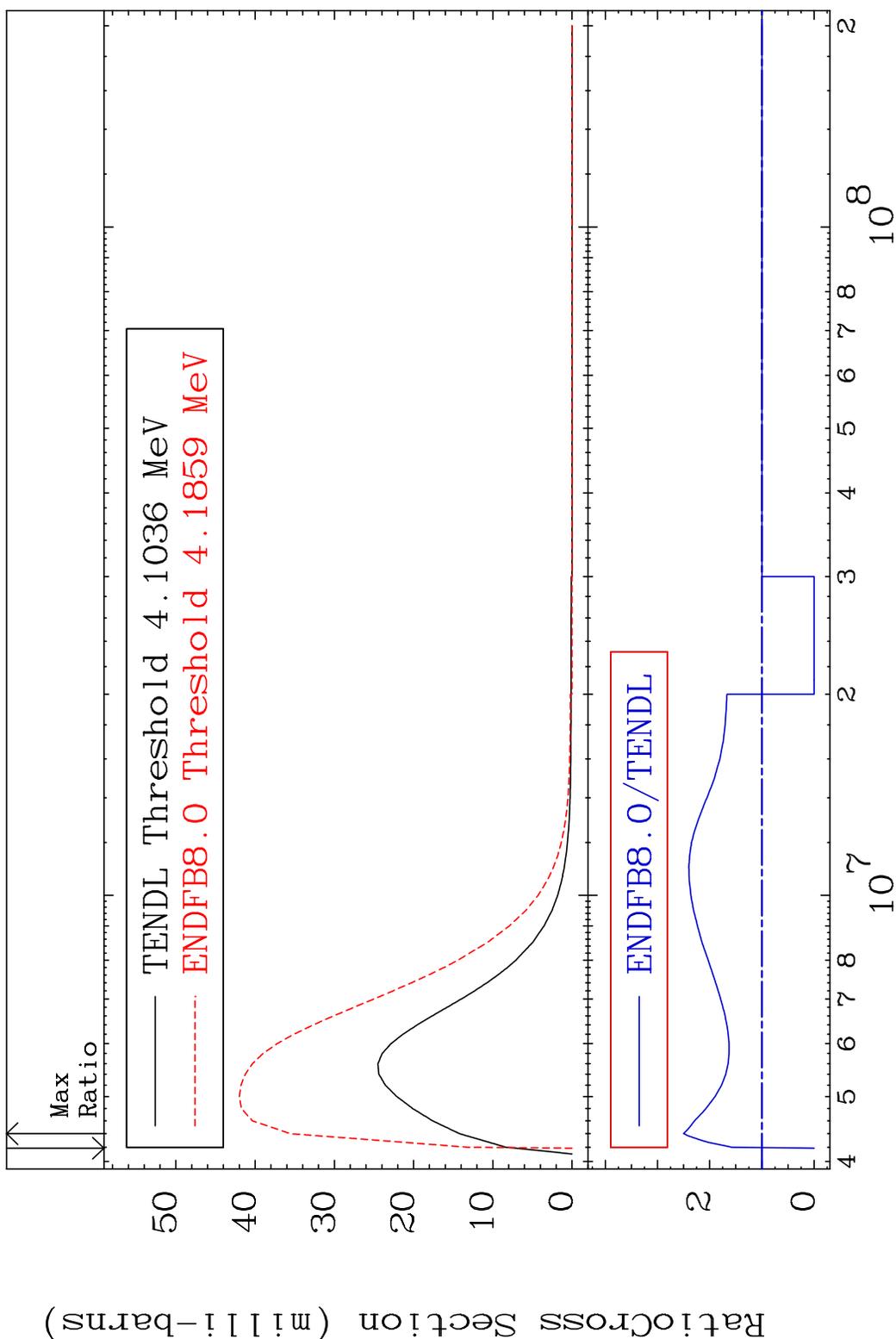
25 20-Ca-44

MAT 2037 MT= 68 (n, n') Level 20-Ca-44  
 Cross Section -100.0 To 691.4 %



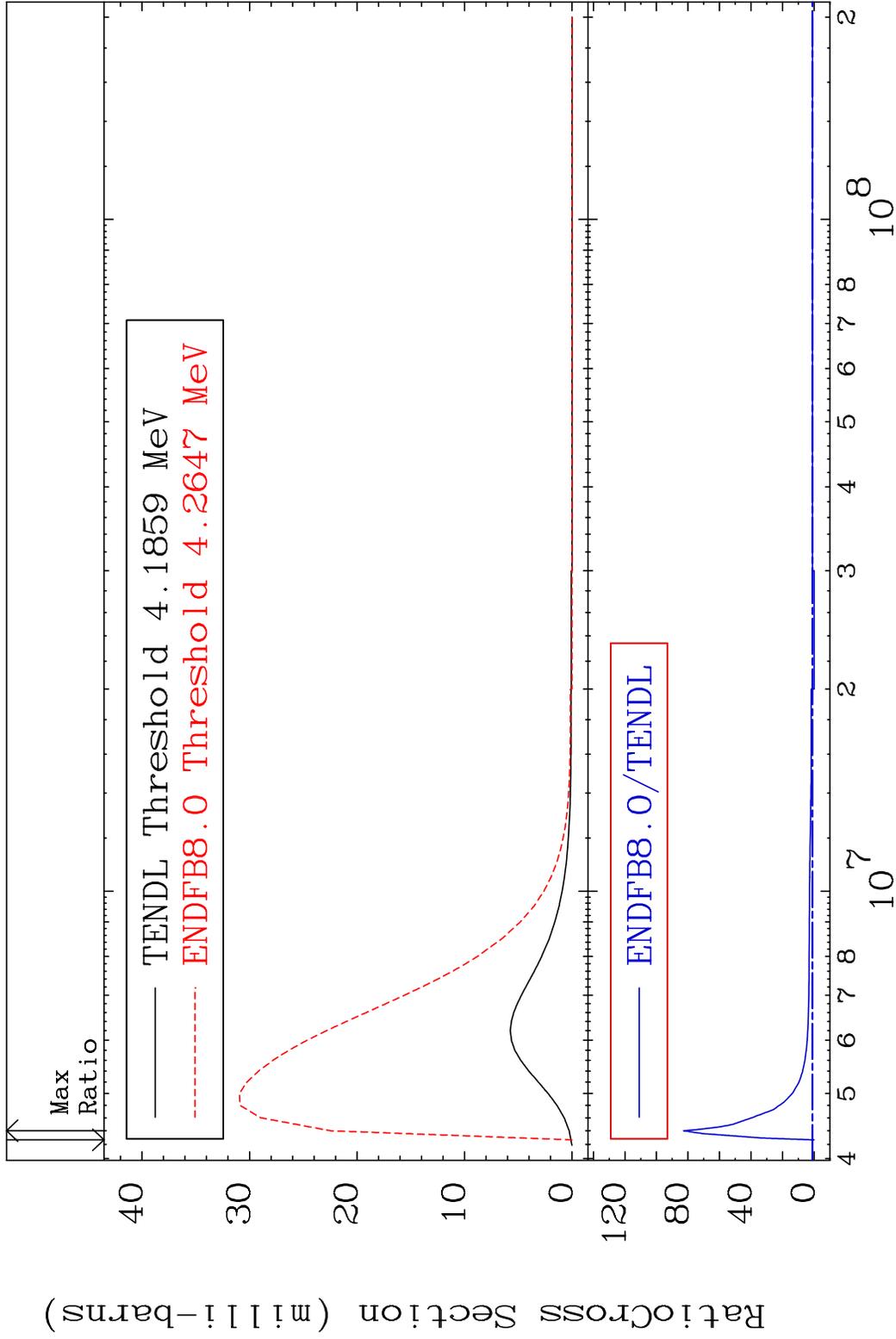
26 20-Ca-44

MAT 2037 MT= 69 (n, n') Level 20-Ca-44  
 Cross Section -100.0 To 150.2 %



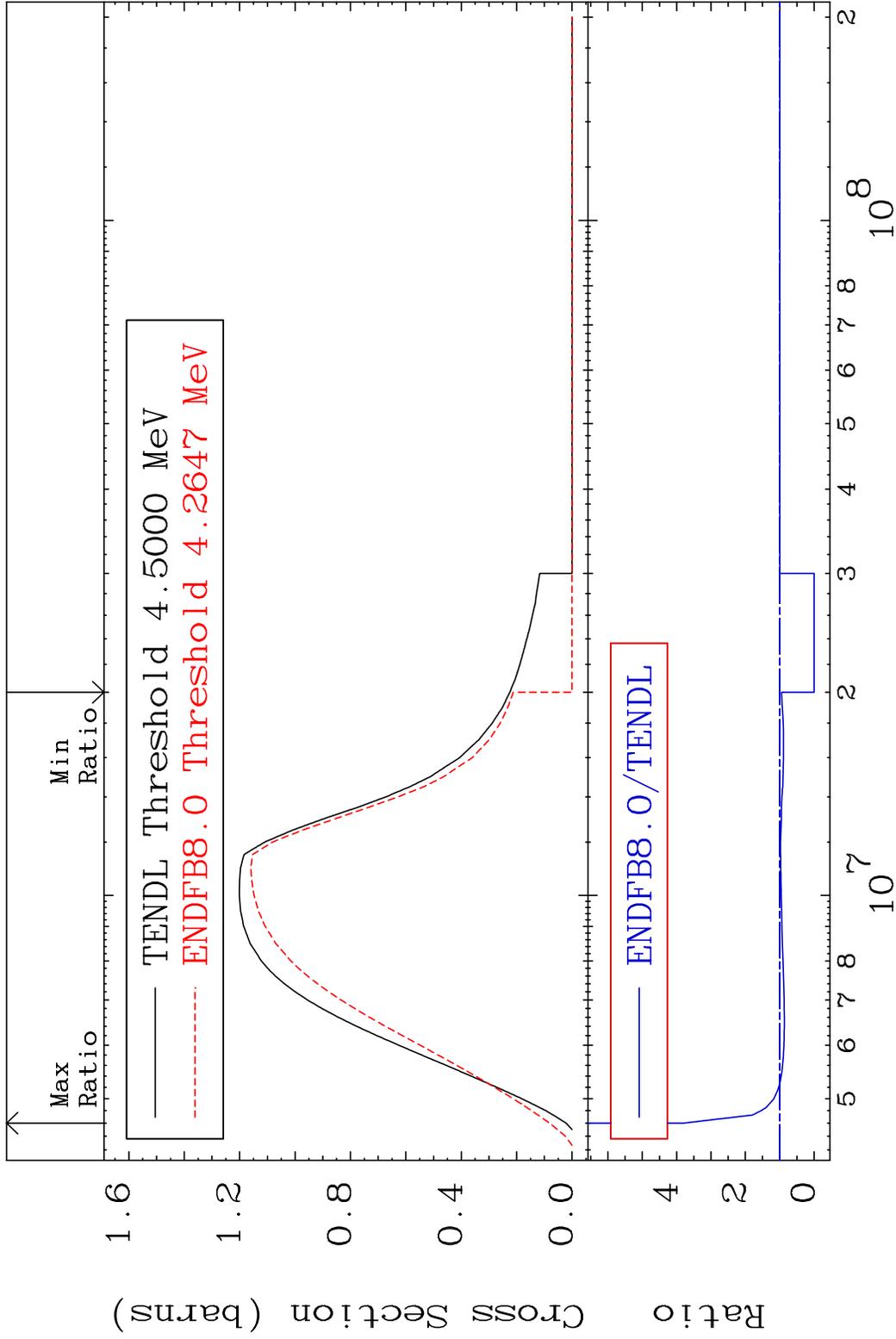
27 Incident Energy (eV) 20-Ca-44

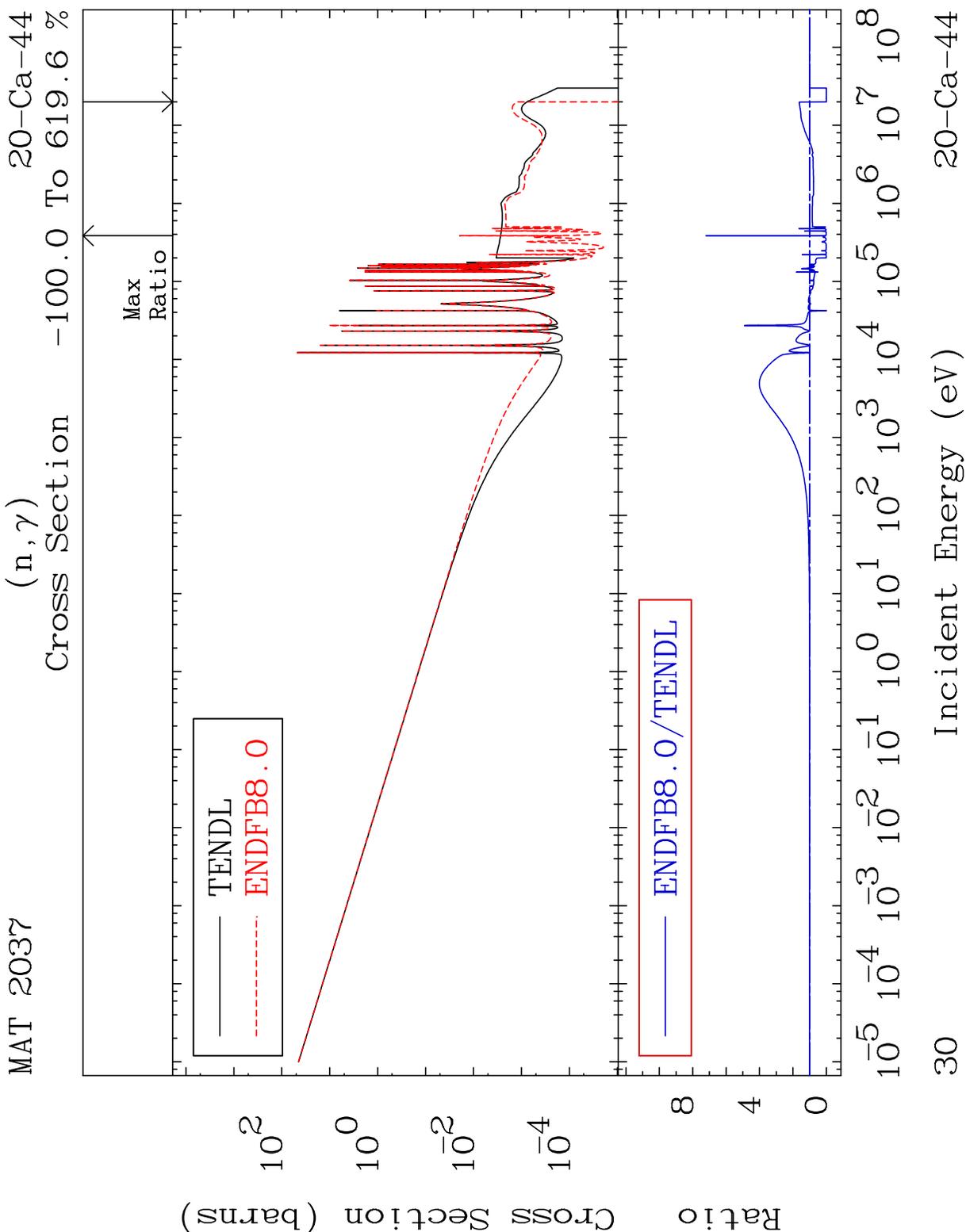
MAT 2037 MT= 70 (n, n') Level 20-Ca-44  
 Cross Section -100.0 To 8183. %

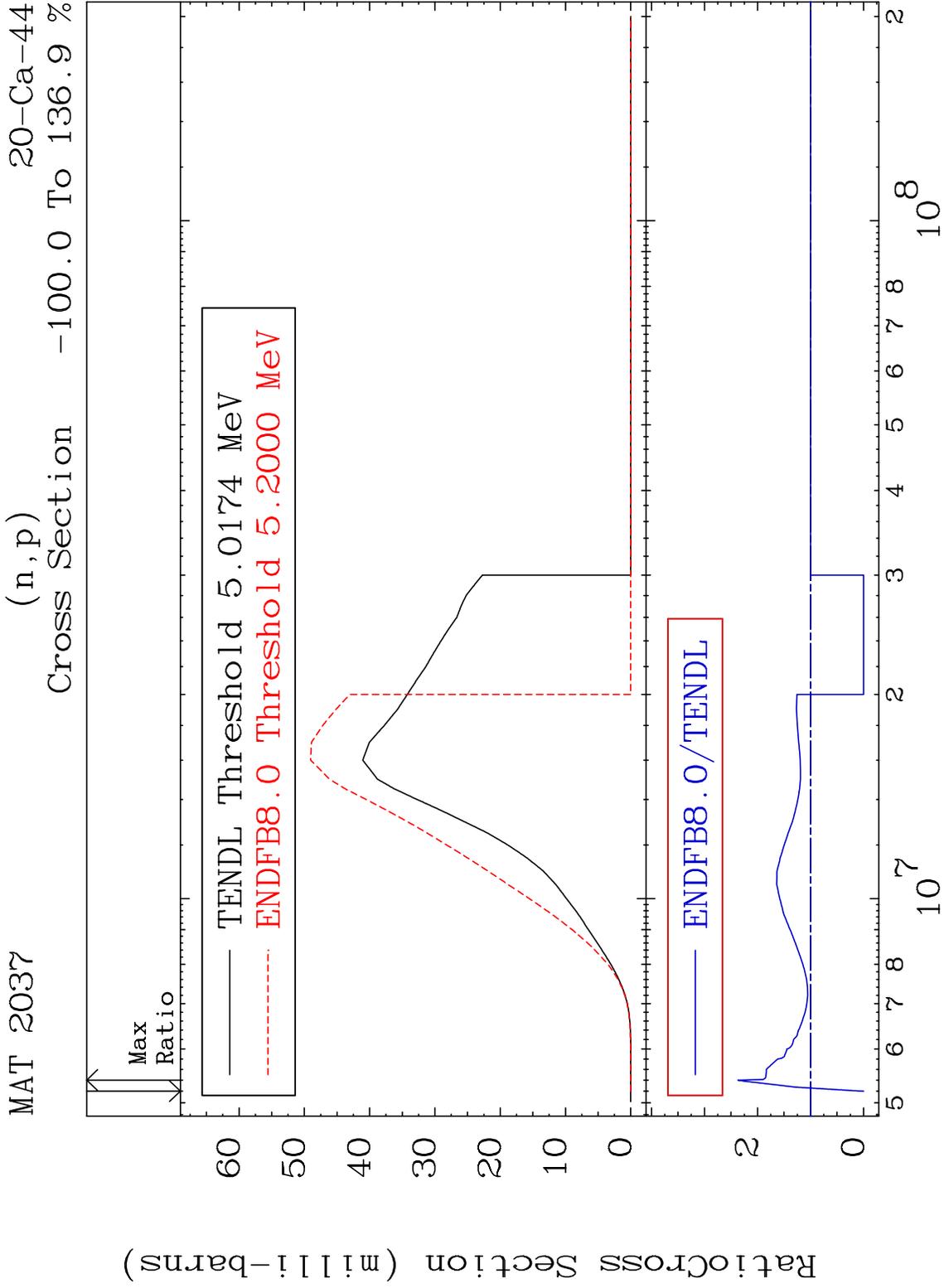


28 Incident Energy (eV) 20-Ca-44

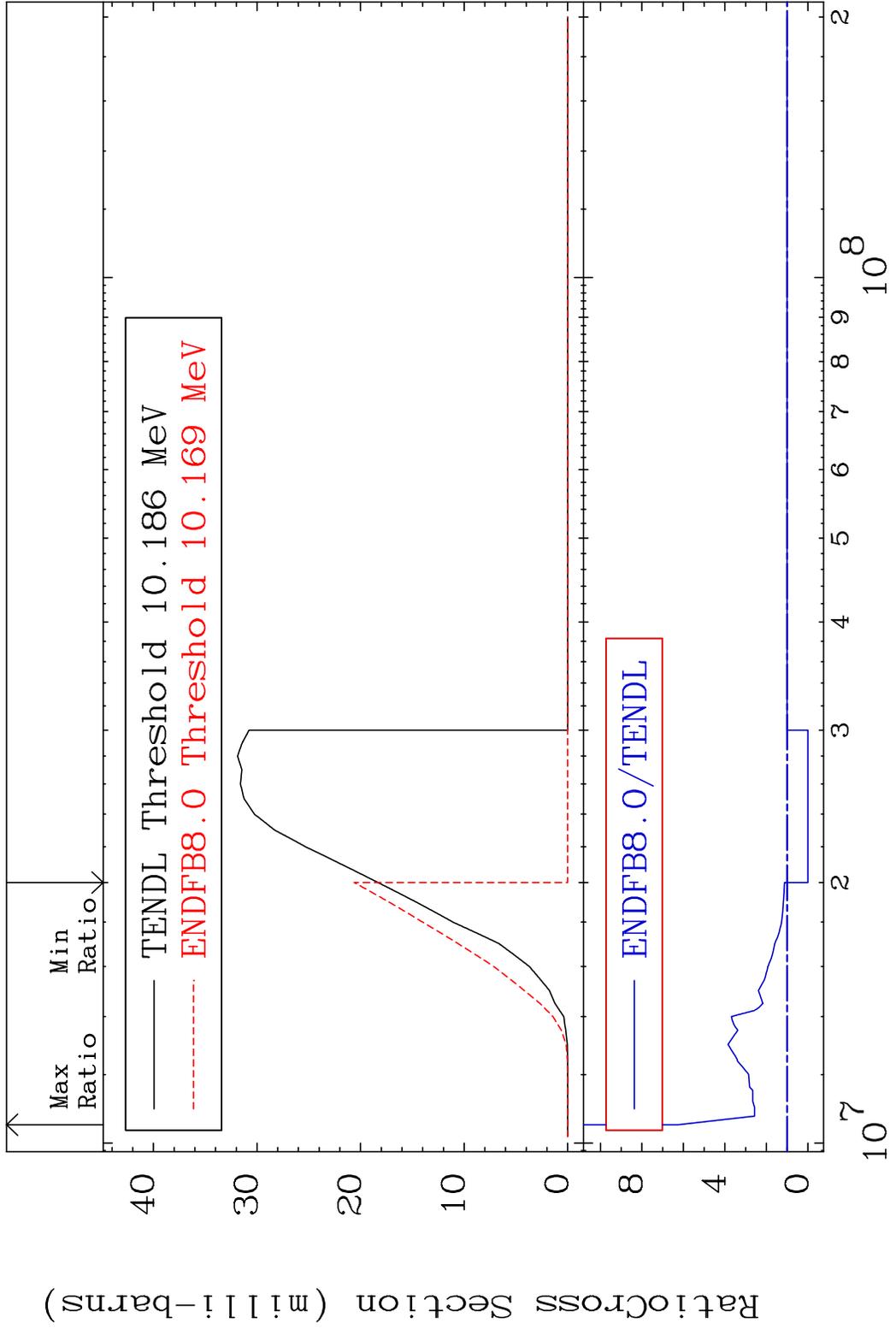
MAT 2037 (n, n') Continuum 20-Ca-44  
 Cross Section -100.0 To 279.9 %



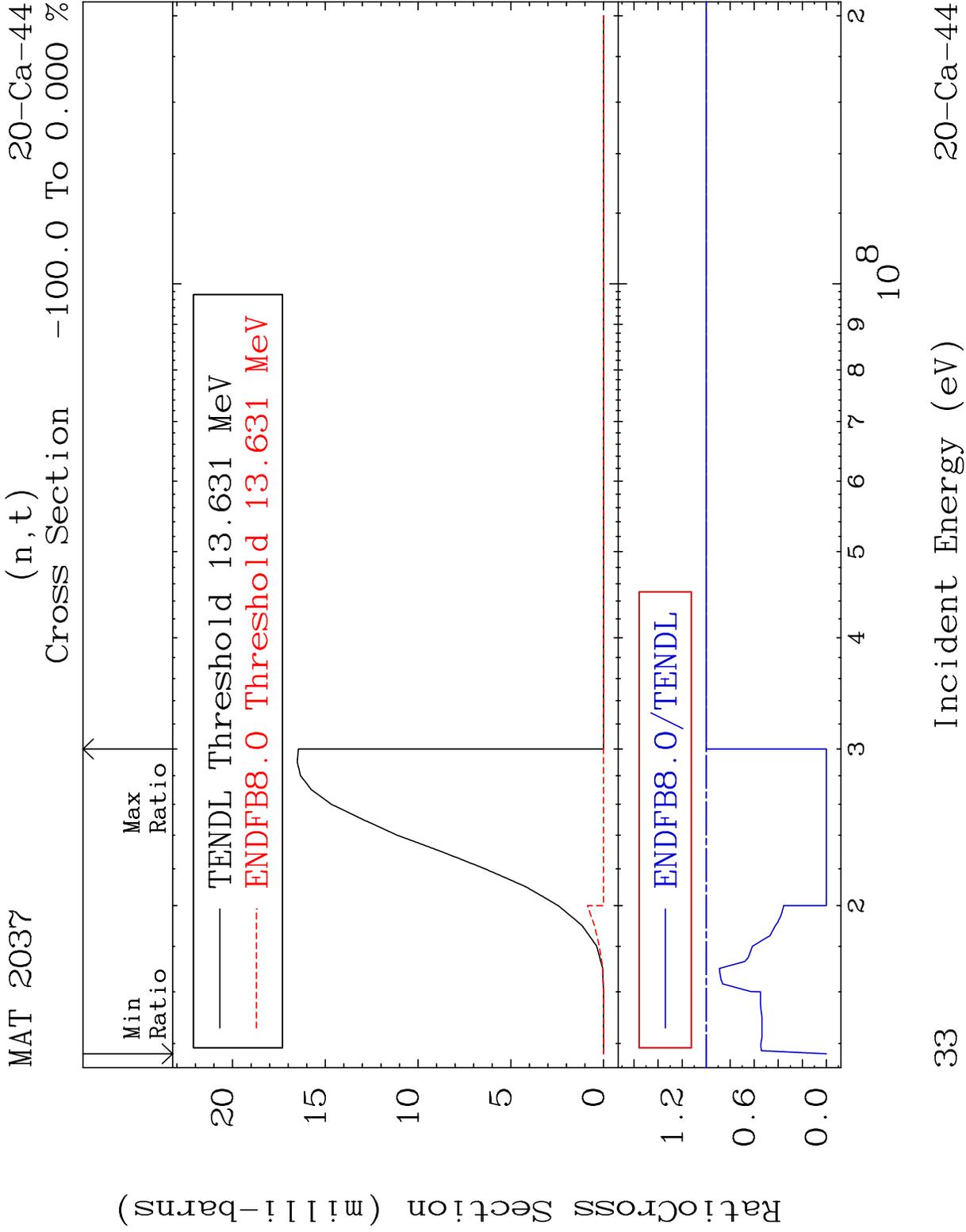




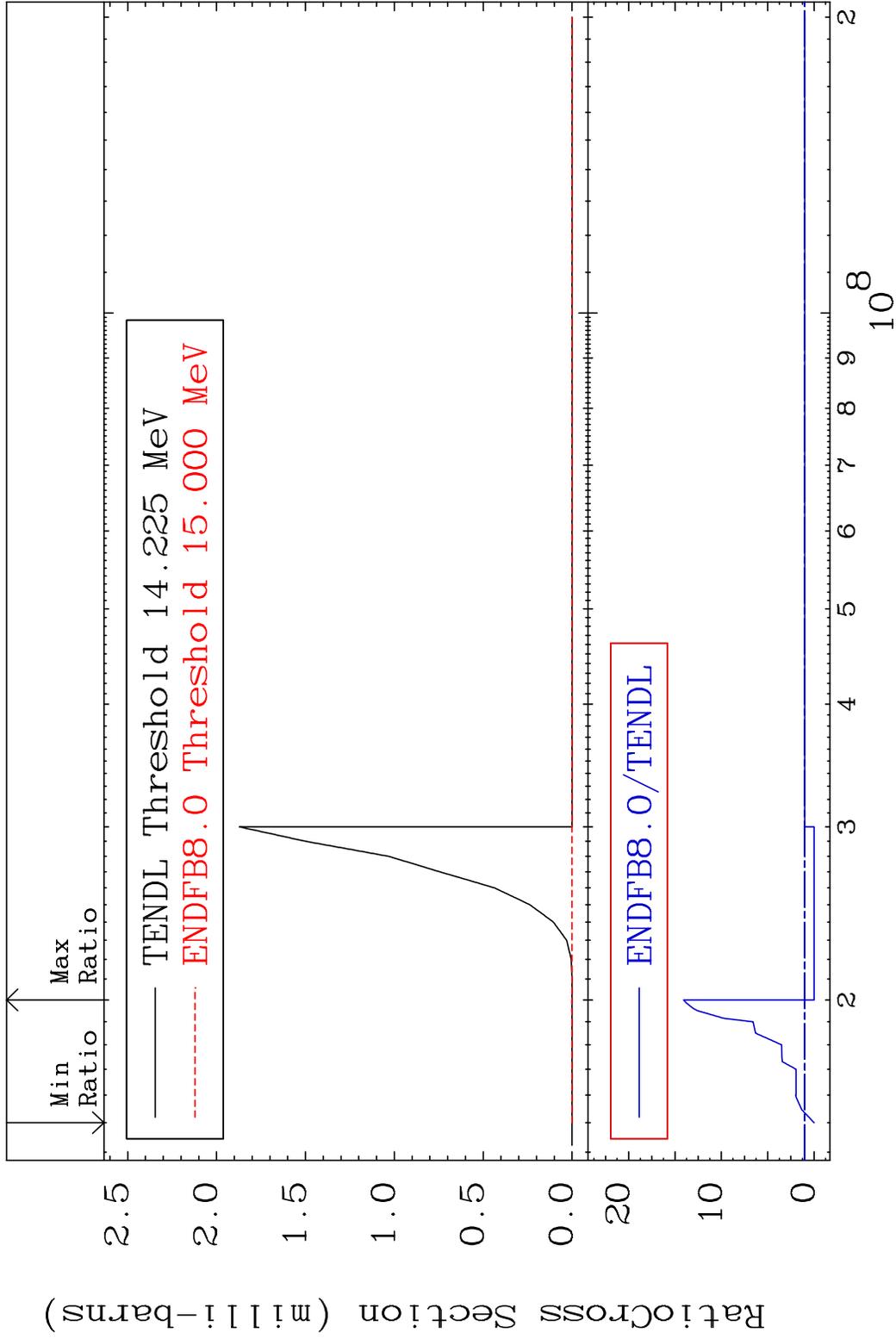
MAT 2037 (n, d) 20-Ca-44  
 Cross Section -100.0 To 524.5 %



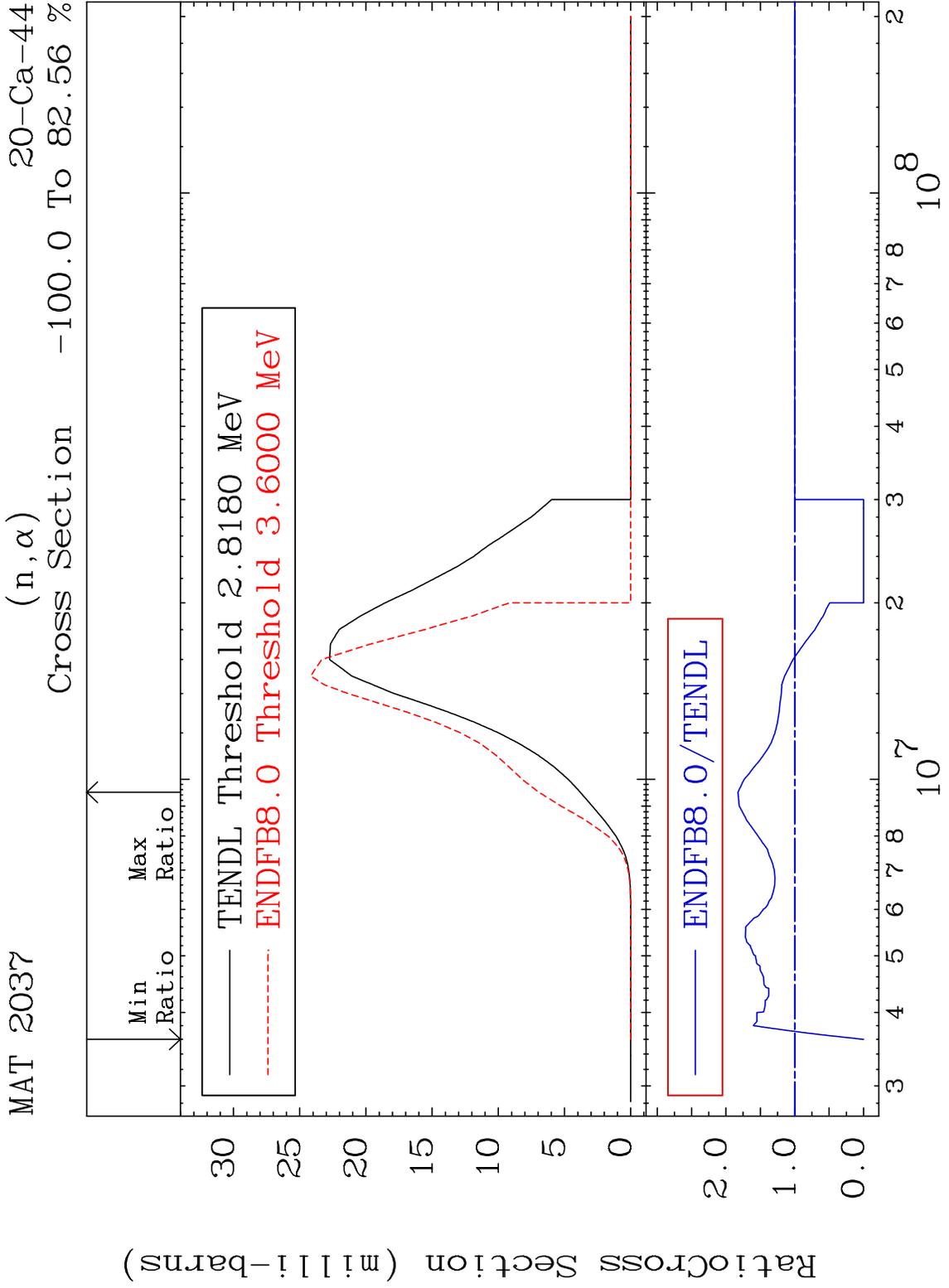
32 20-Ca-44



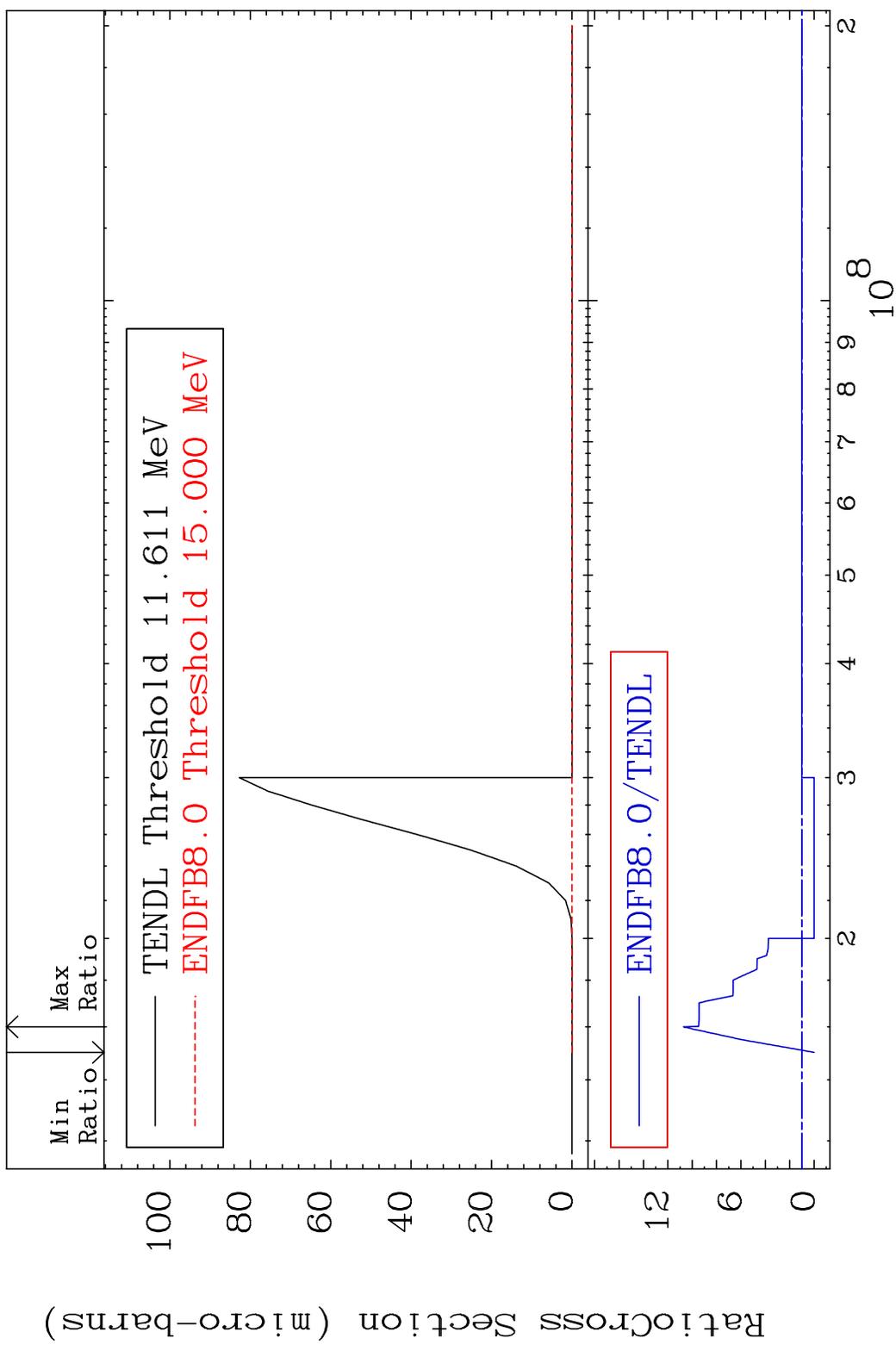
MAT 2037 (n, He-3) 20-Ca-44  
 Cross Section -100.0 To 1308. %



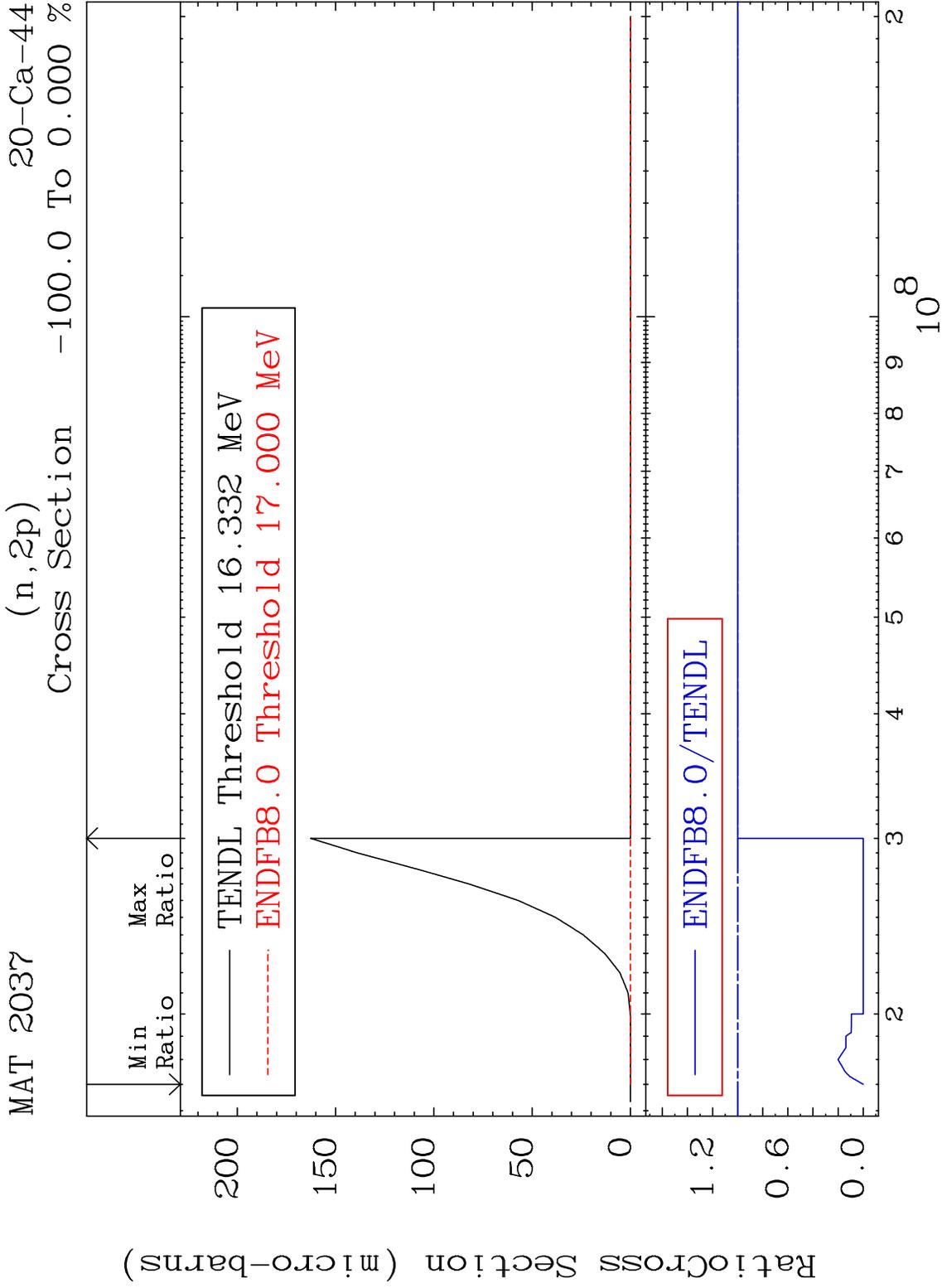
34 20-Ca-44



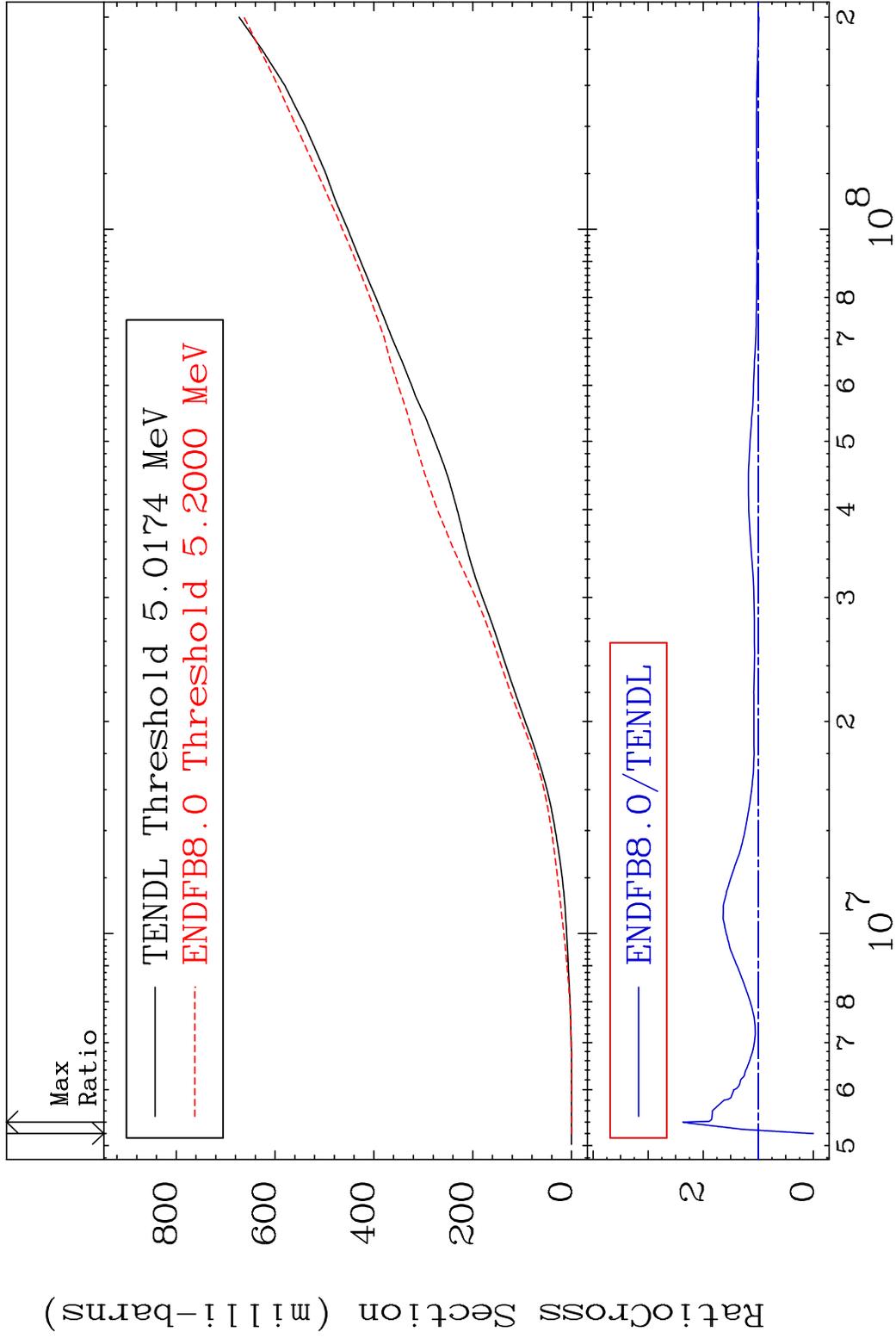
MAT 2037 (n,2α) 20-Ca-44  
 Cross Section -100.0 To 971.3 %



36 20-Ca-44

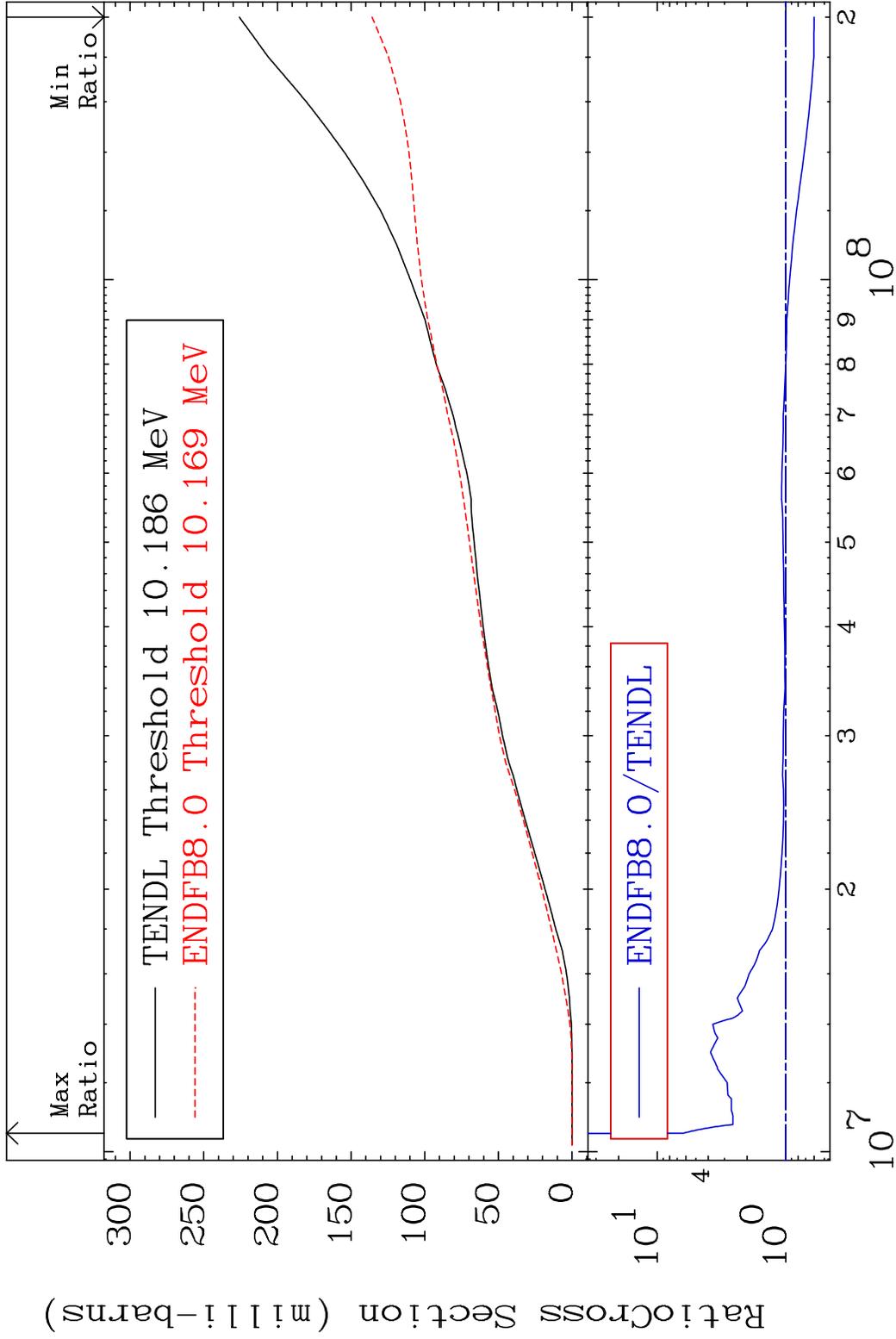


MAT 2037 Hydrogen Production 20-Ca-44  
 Cross Section -100.0 To 136.9 %



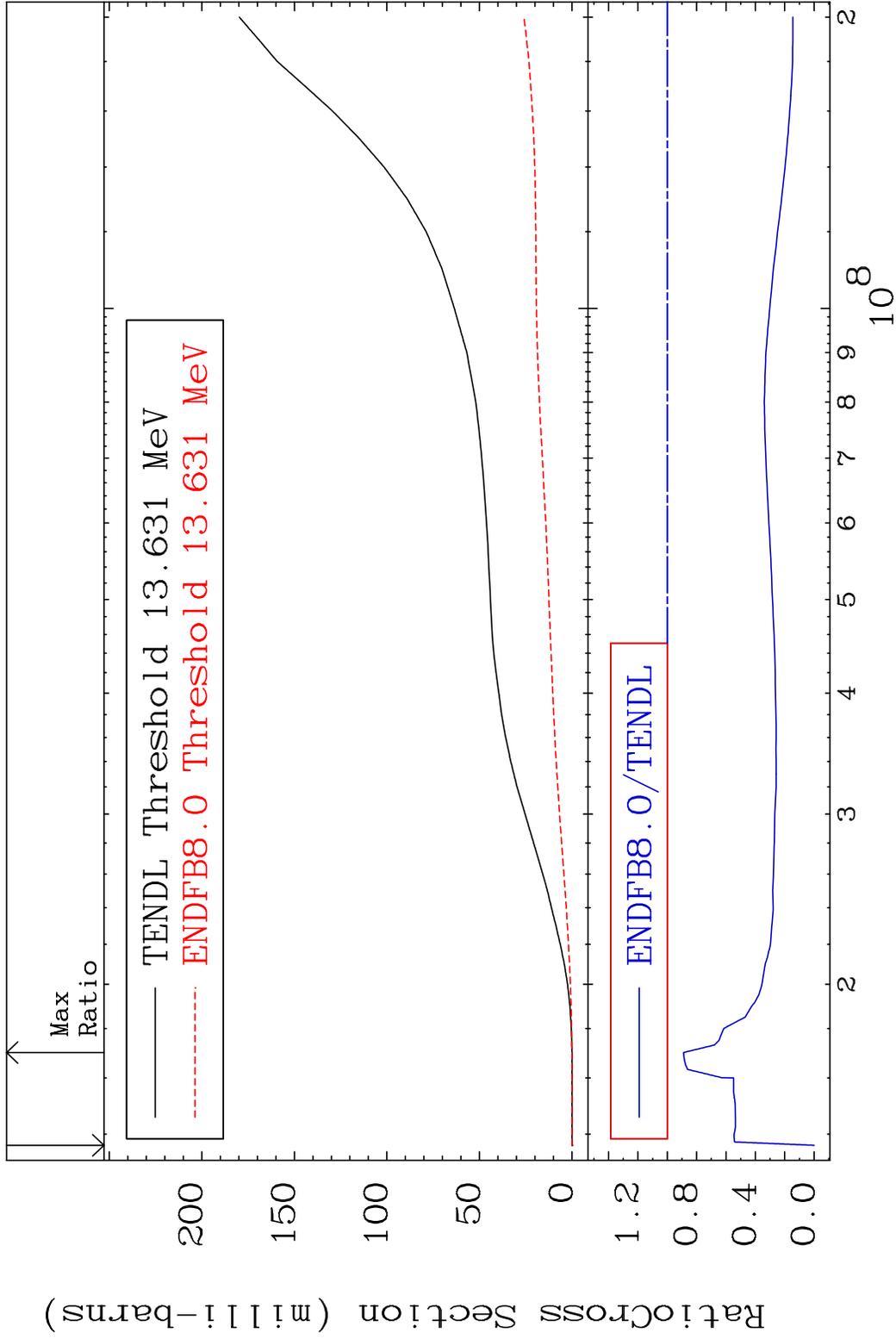
38 Incident Energy (eV) 20-Ca-44

MAT 2037 Deuterium Production 20-Ca-44  
 Cross Section -39.90 To 524.5 %



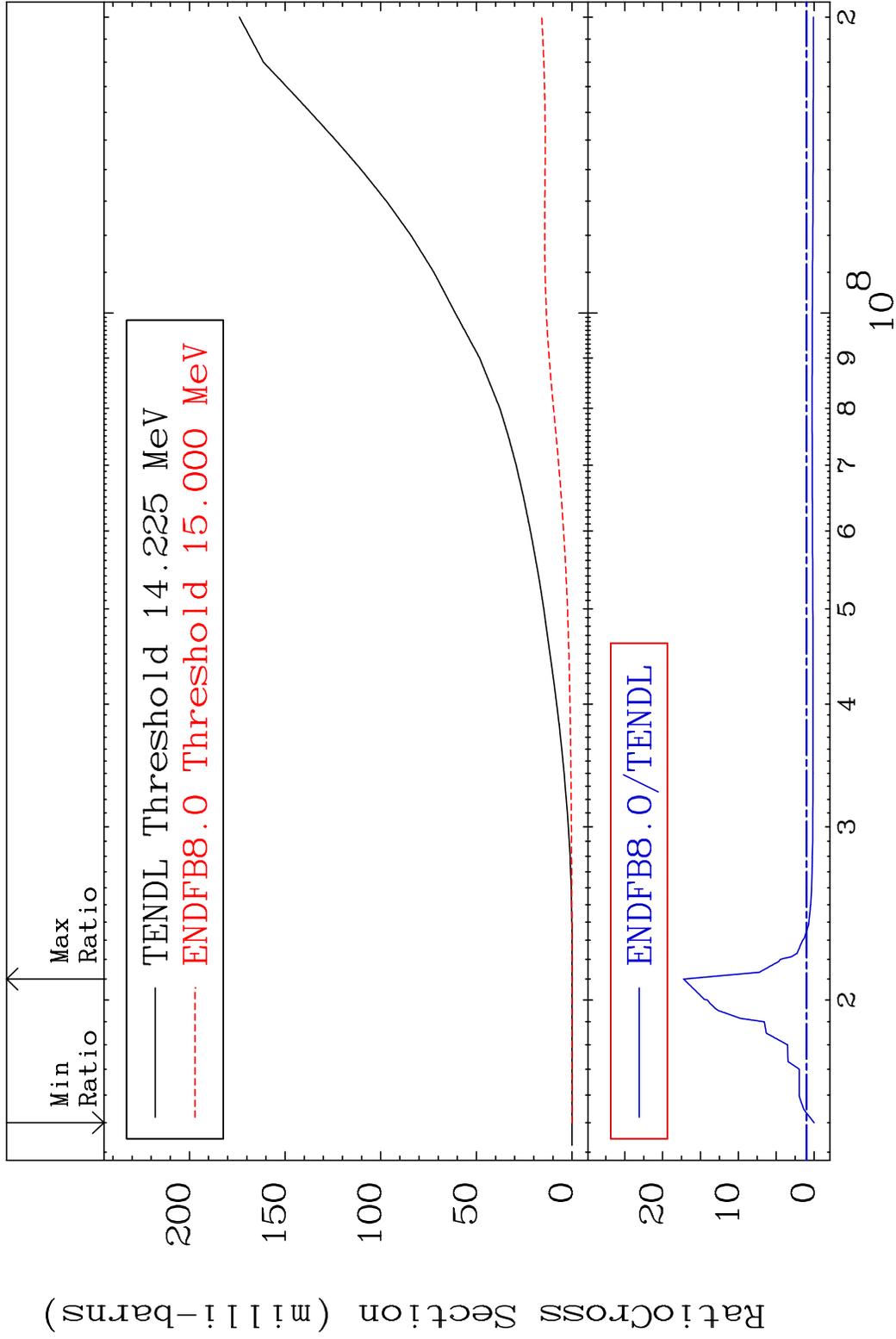
39 Incident Energy (eV) 20-Ca-44

MAT 2037 Tritium Production 20-Ca-44  
 Cross Section -100.0 To -11.06%



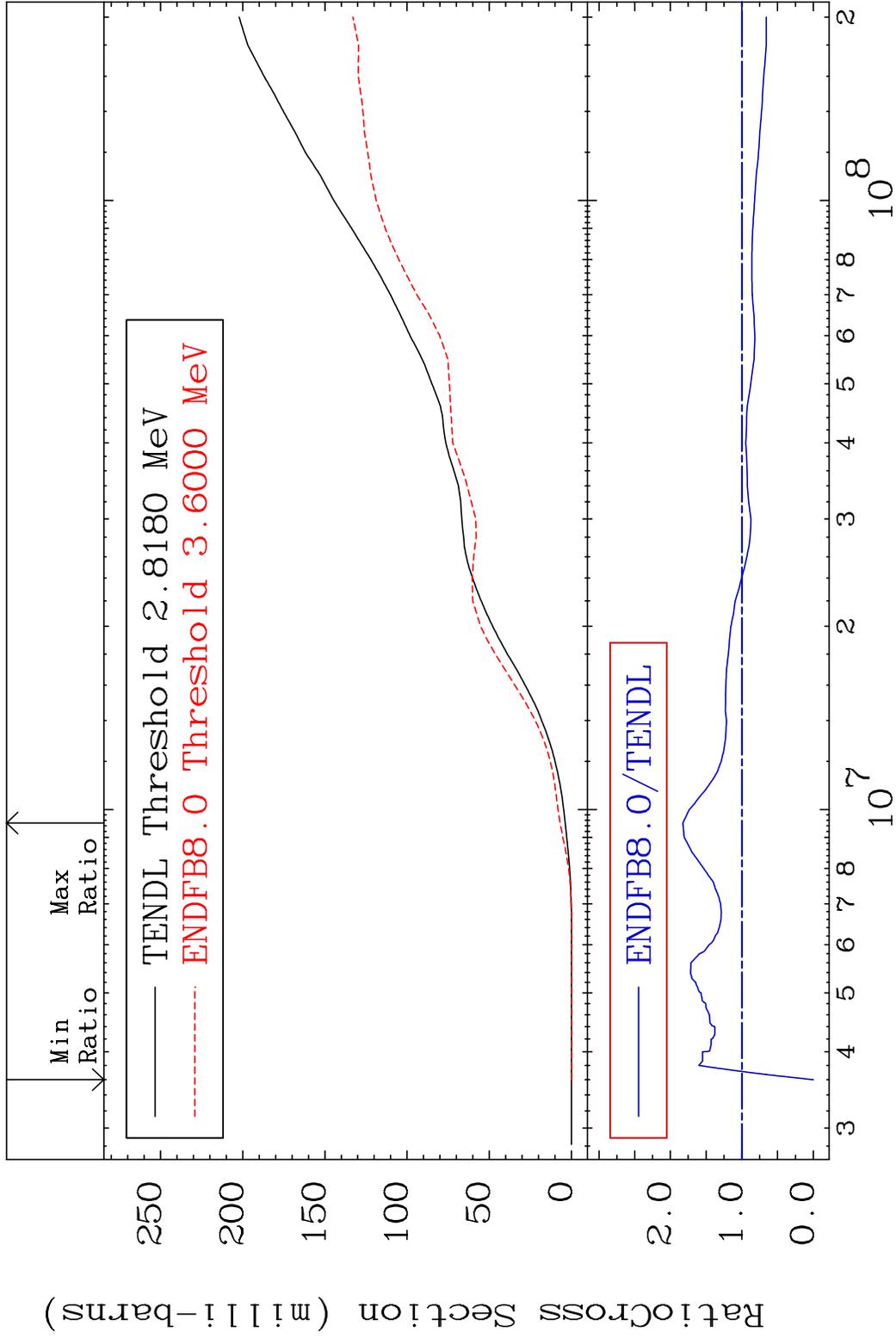
40 20-Ca-44

MAT 2037 He-3 Production 20-Ca-44  
 Cross Section -100.0 To 1624. %



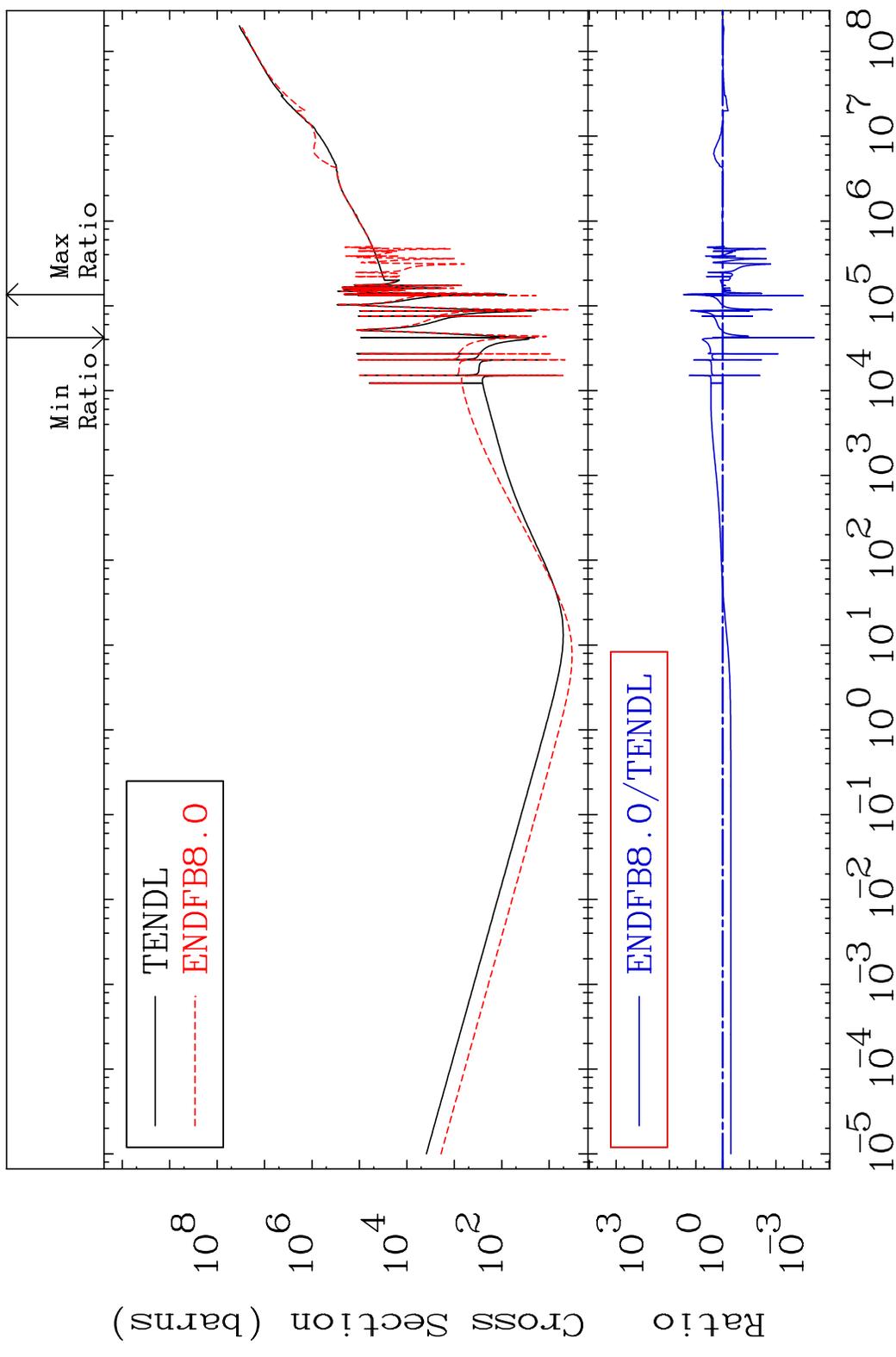
41 Incident Energy (eV) 20-Ca-44

MAT 2037 He-4 Production 20-Ca-44  
 Cross Section -100.0 To 82.56 %



42 20-Ca-44

MAT 2037 Kerma total (eV-barns) 20-Ca-44  
Cross Section -99.96 To 2843. %

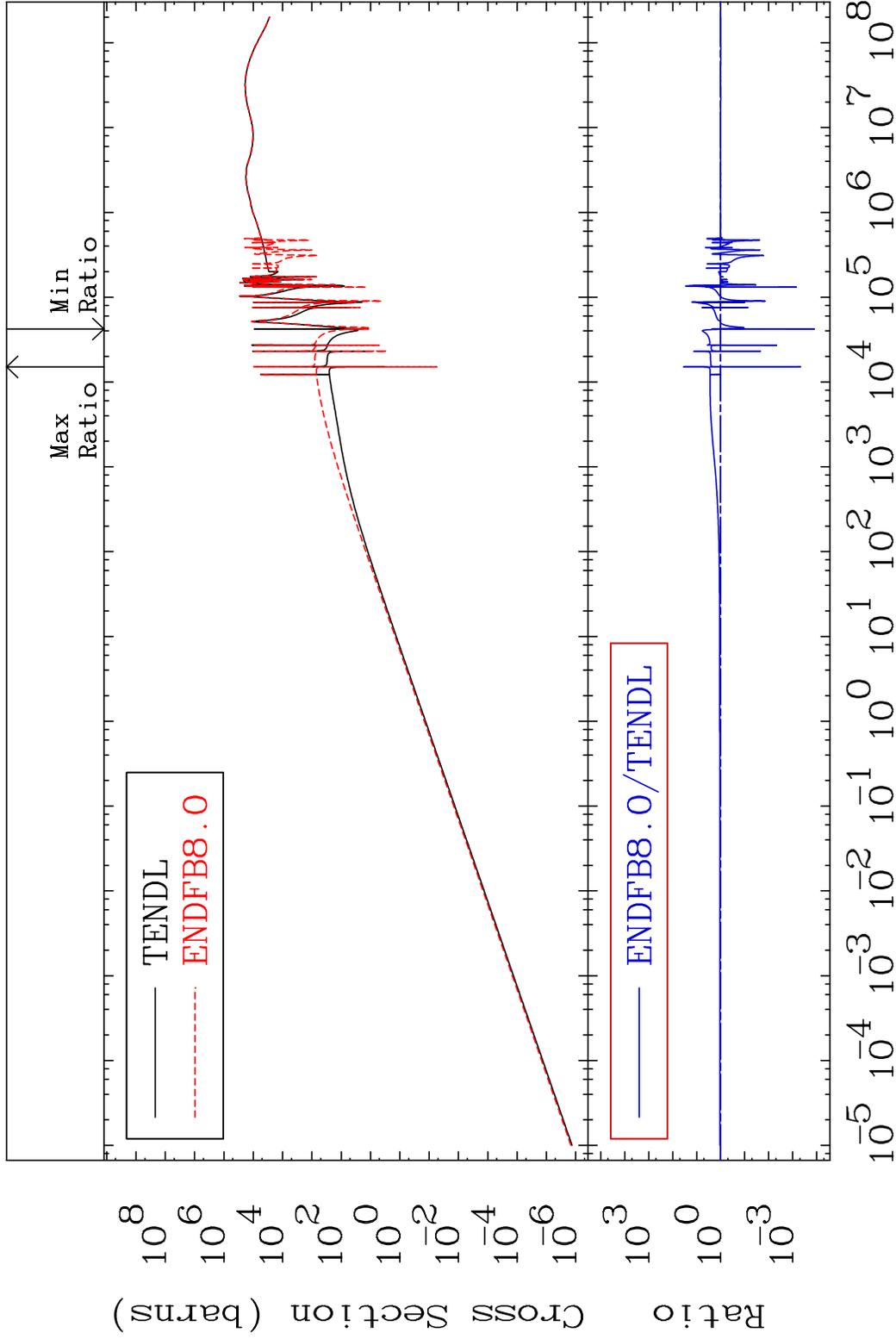


43 Incident Energy (eV) 20-Ca-44

MAT 2037

Kerma elastic  
Cross Section

20-Ca-44  
-99.99 To 3449. %

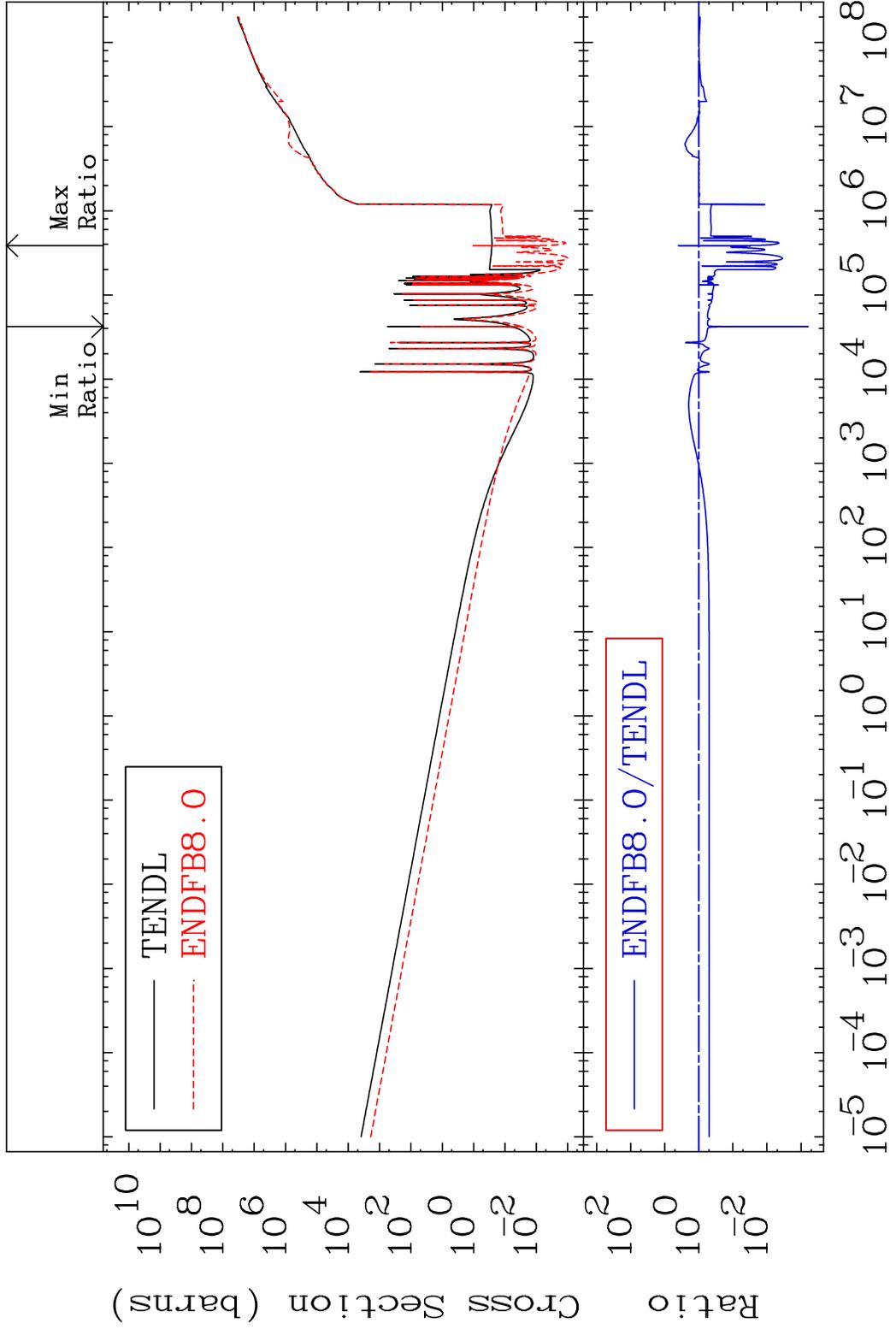


44

Incident Energy (eV)

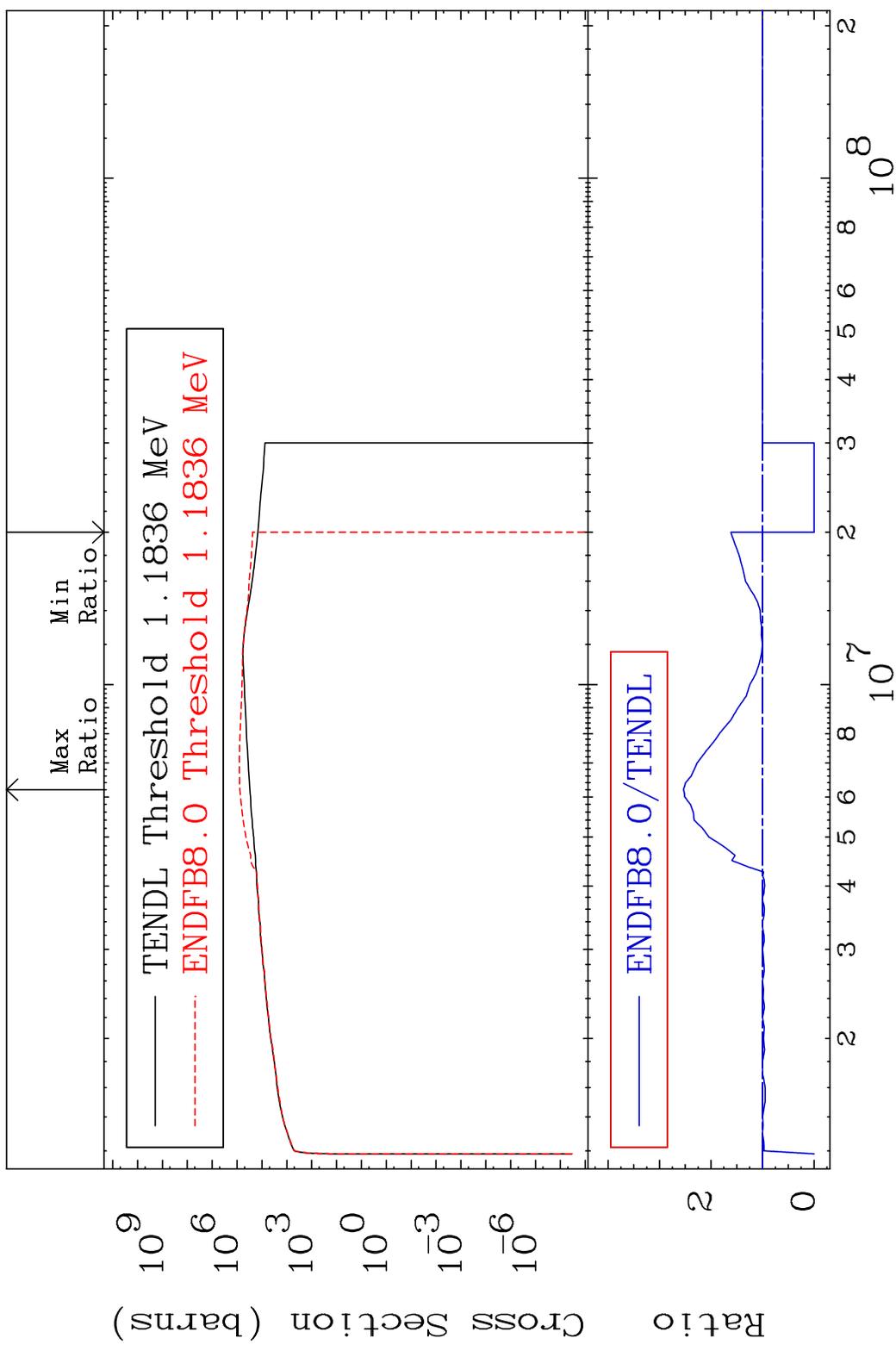
20-Ca-44

MAT 2037 Kerma non-elastic (all but mt2) 20-Ca-44  
 Cross Section -99.94 To 299.3 %



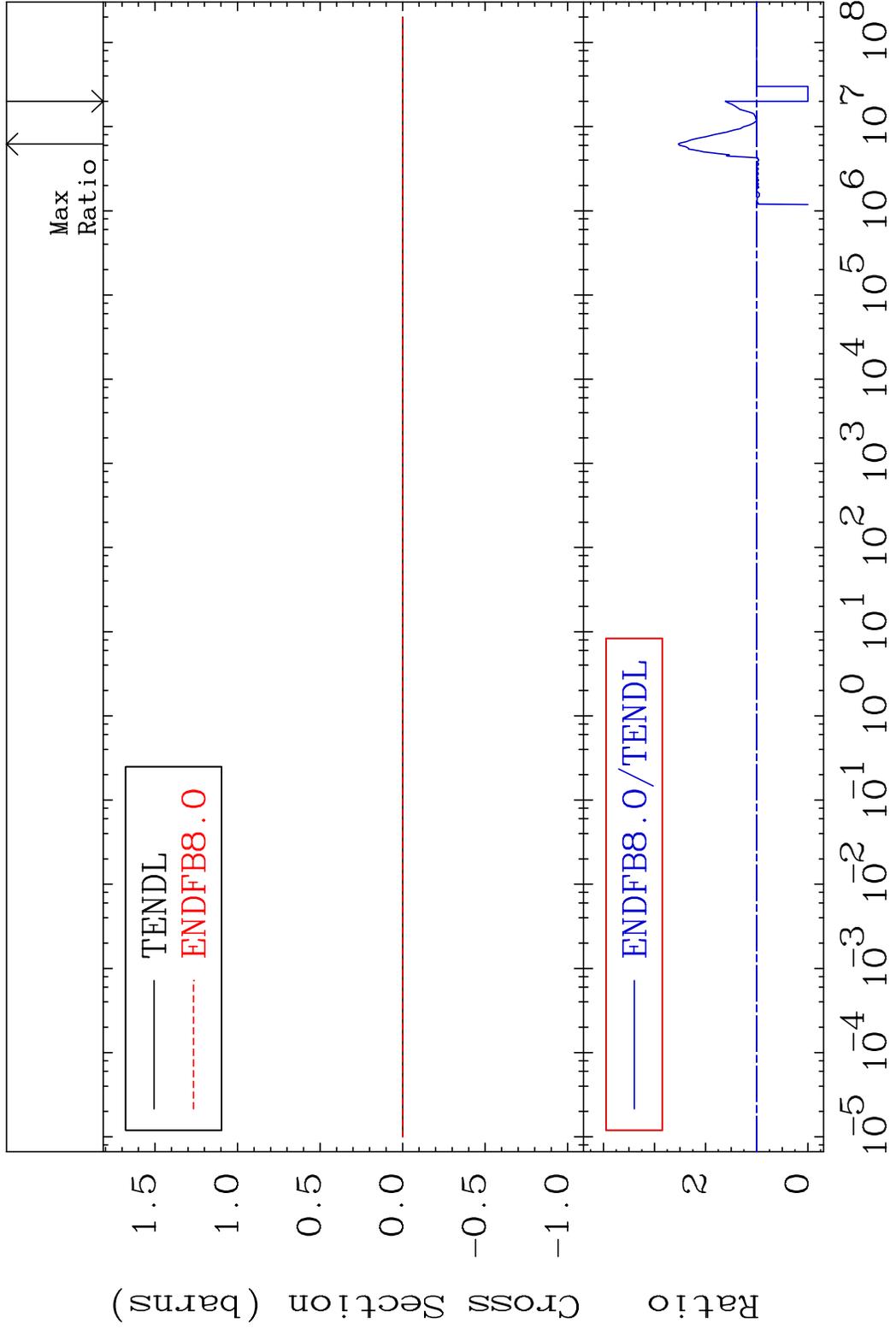
45 Incident Energy (eV) 20-Ca-44

MAT 2037 Kerma inelastic (mt51-91) 20-Ca-44  
 Cross Section -100.0 To 153.4 %

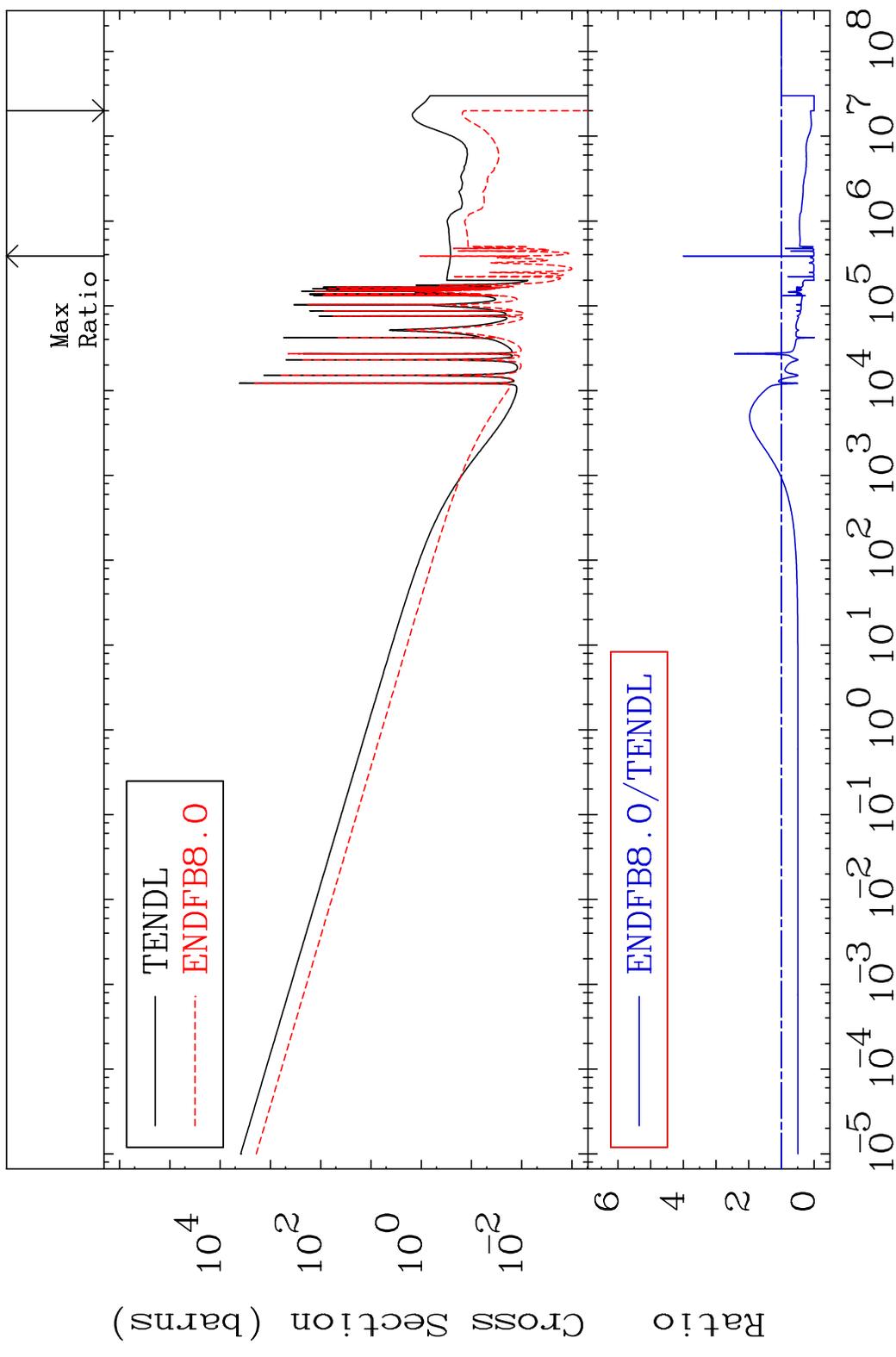


46 Incident Energy (eV) 20-Ca-44

MAT 2037 Kerma fission (mt18 or mt19-20-21-38) 20-Ca-44  
 Cross Section -100.0 To 153.4 %

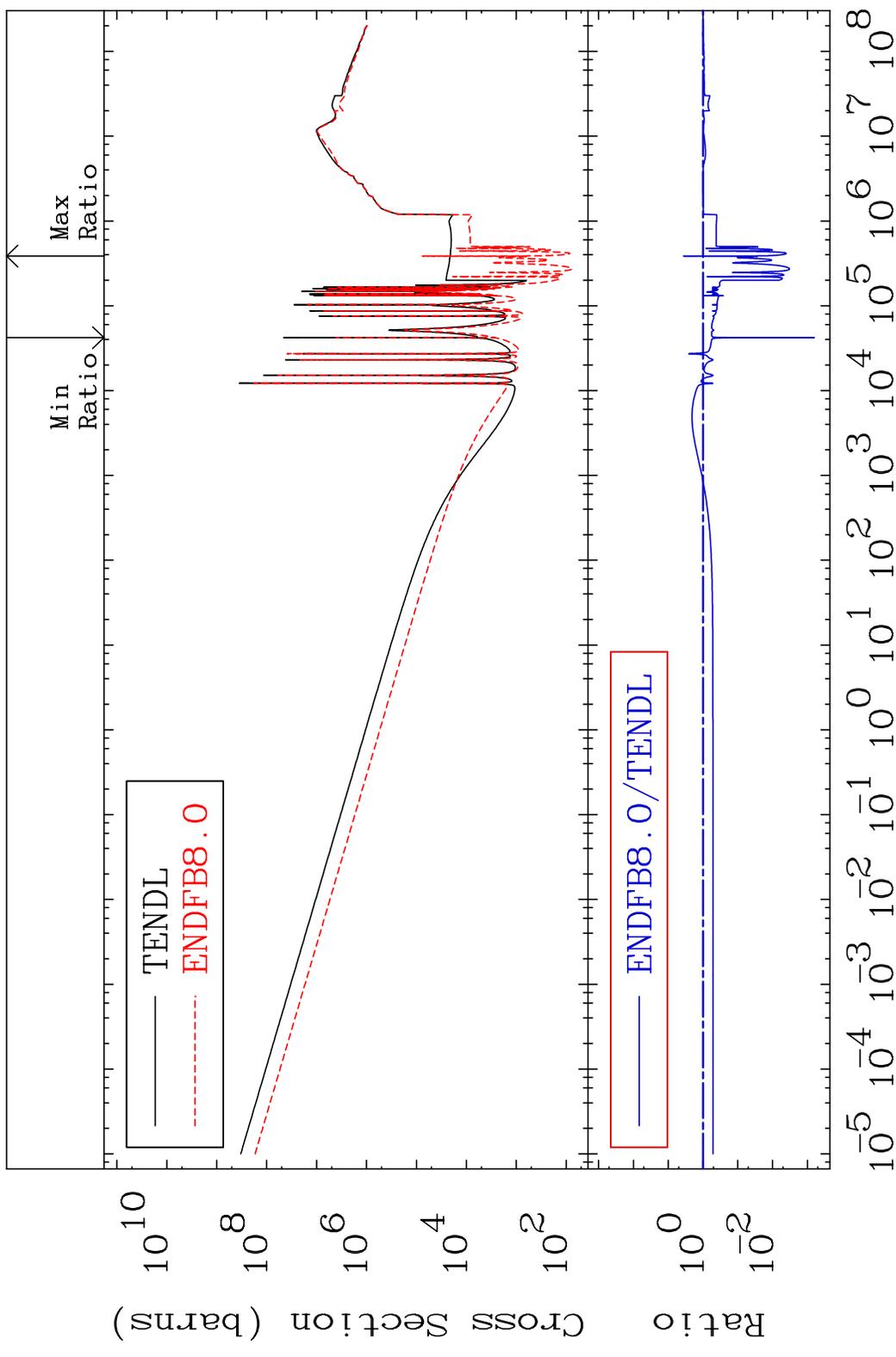


MAT 2037 Kerma capture (mt102) 20-Ca-44  
 Cross Section -100.0 To 299.3 %



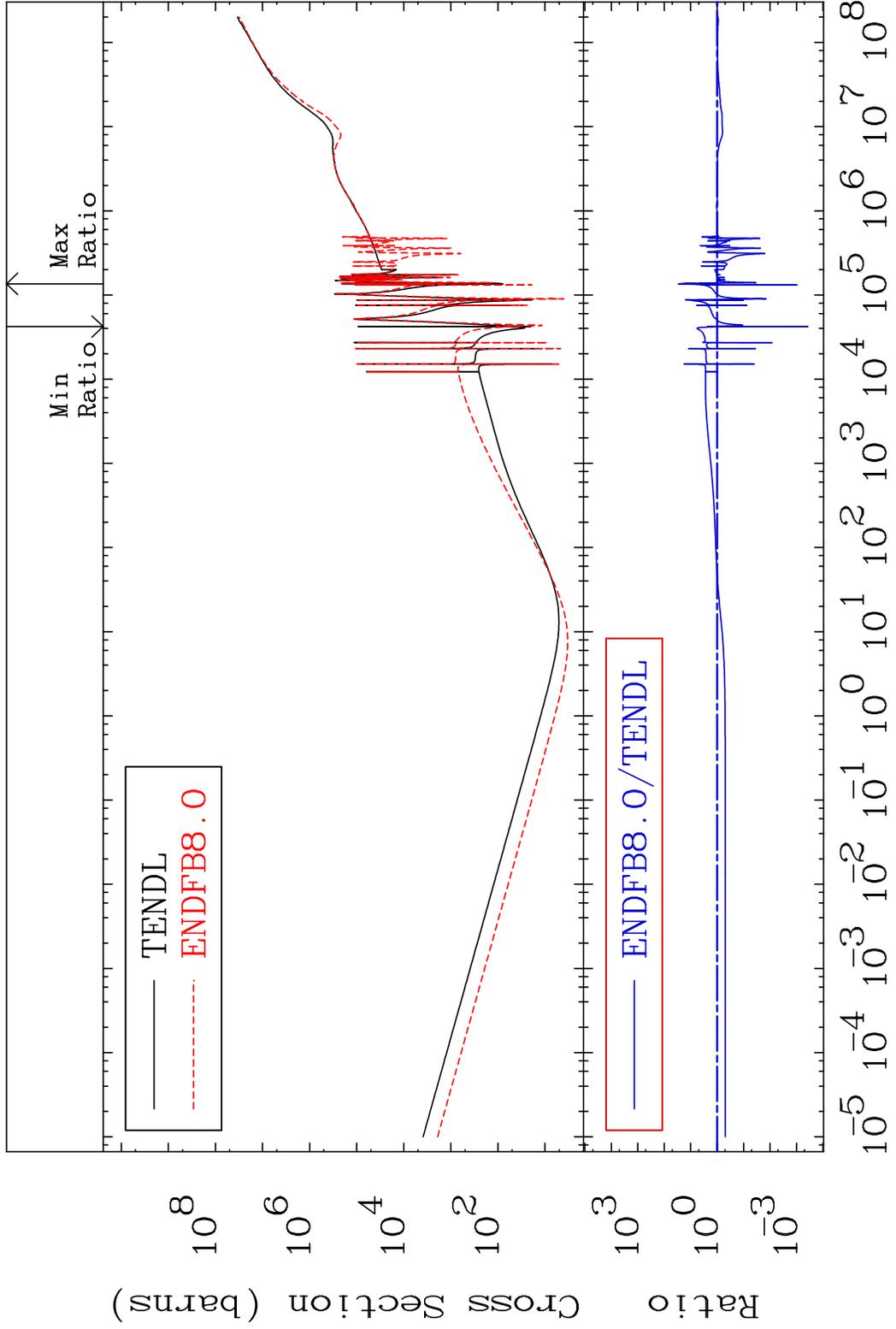
48 Incident Energy (eV) 20-Ca-44

MAT 2037 Total photon (eV-barns) 20-Ca-44  
 Cross Section -99.94 To 262.8 %



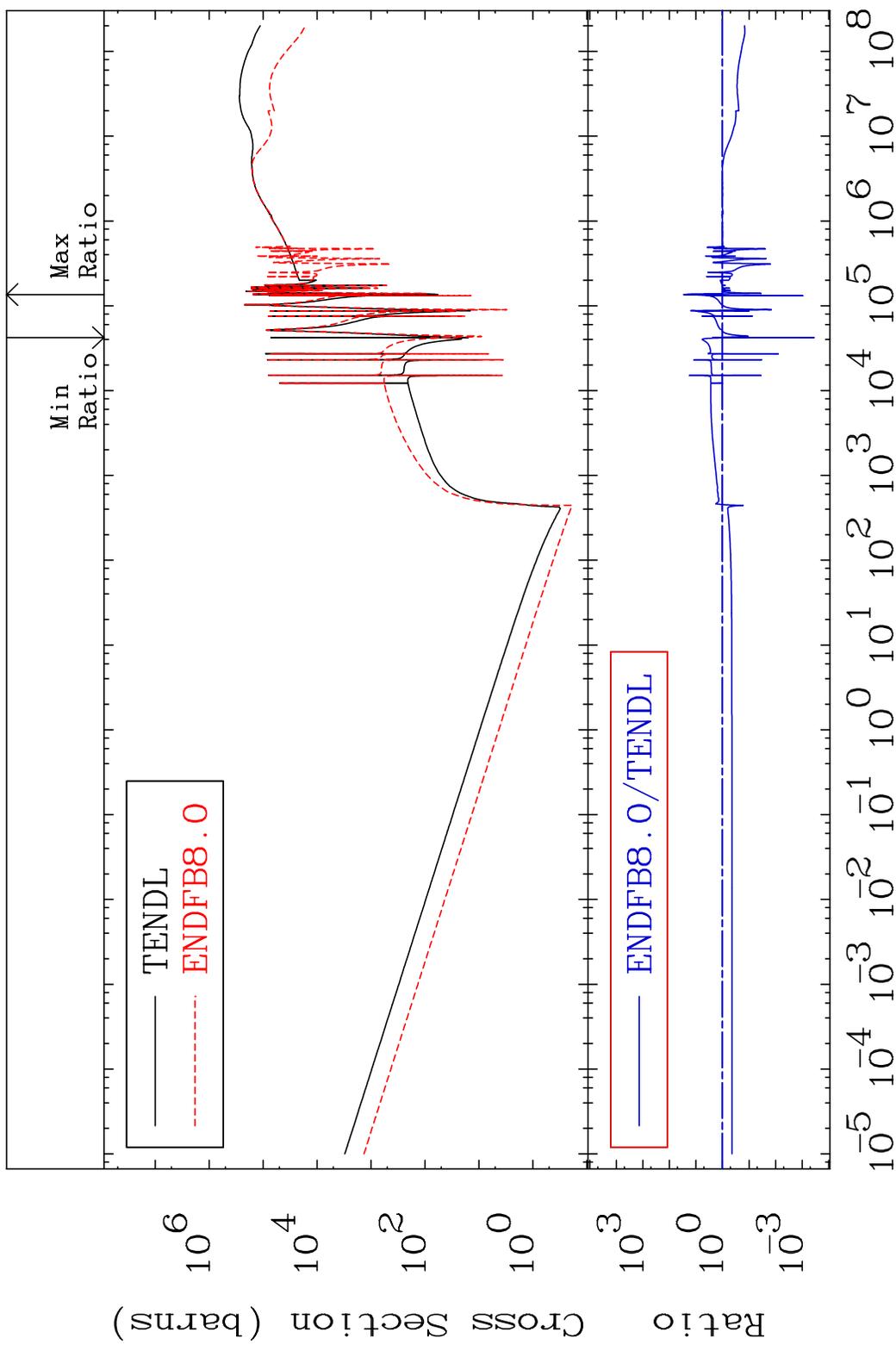
49 Incident Energy (eV) 20-Ca-44

MAT 2037 Total kinematic kerma (high limit) 20-Ca-44  
 Cross Section -99.96 To 2843. %

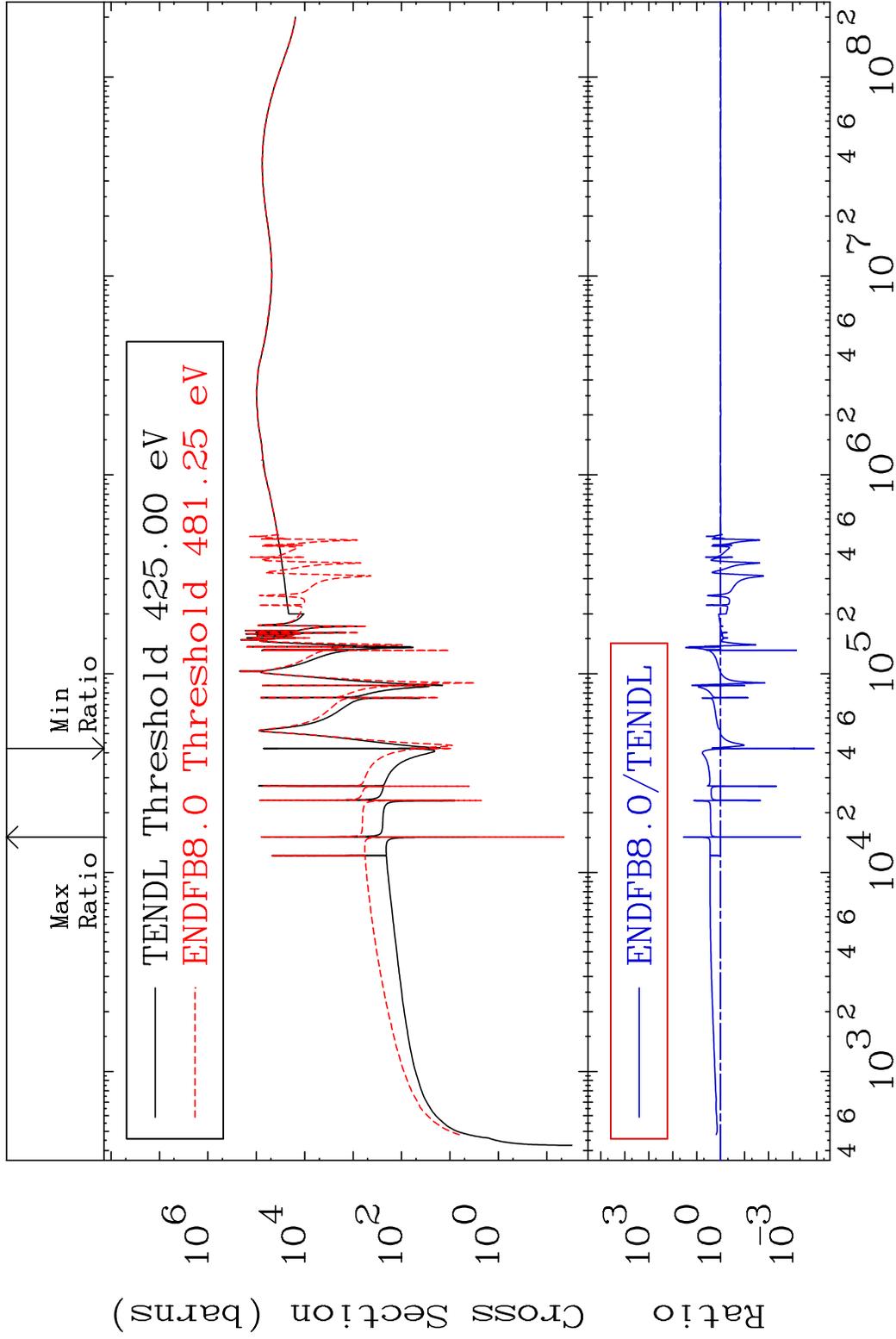


50 Incident Energy (eV) 20-Ca-44

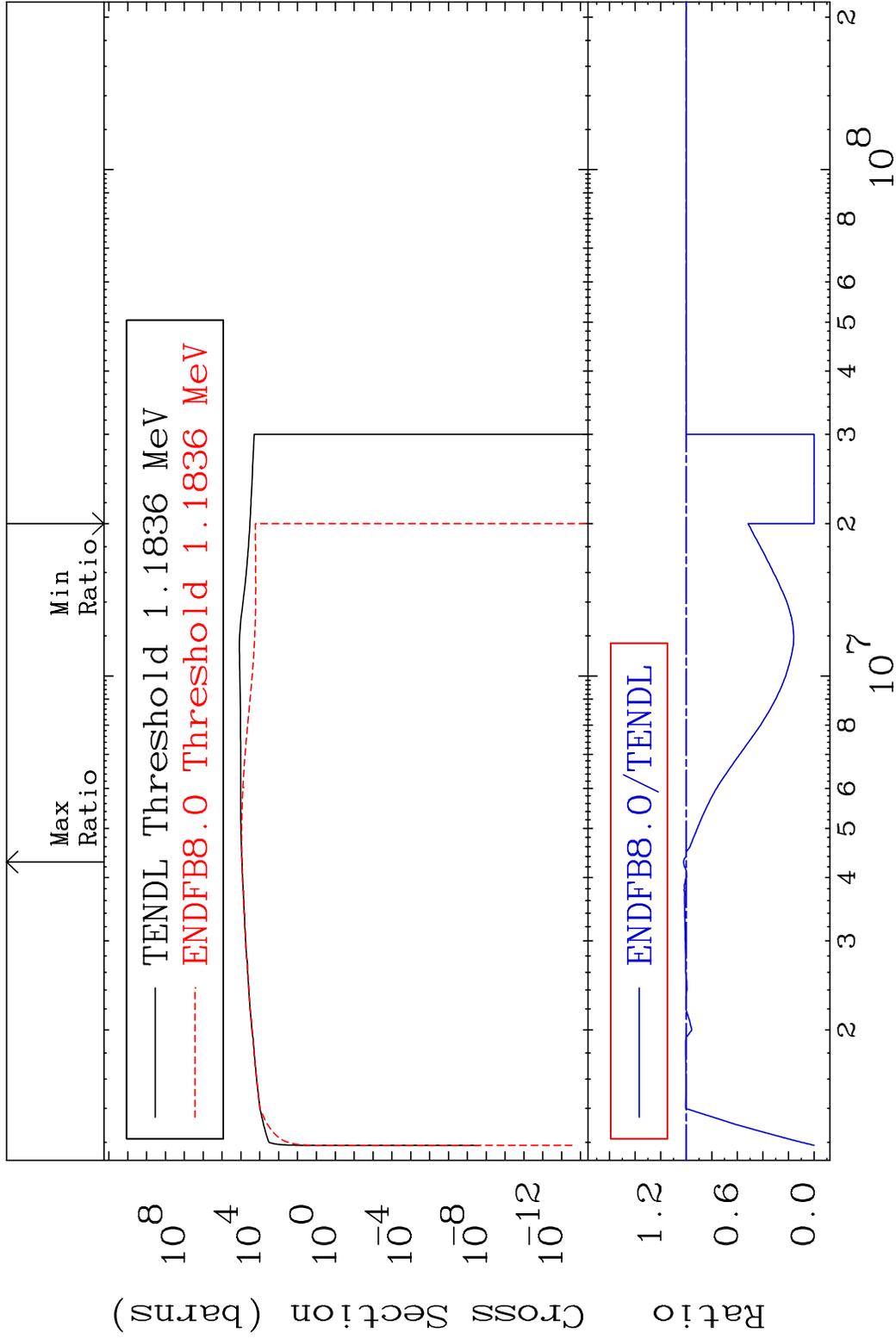
MAT 2037      Dpa total (eV-barns)      20-Ca-44  
 Cross Section      -99.96 To 2843. %



MAT 2037 Dpa elastic (mt2) 20-Ca-44  
 Cross Section -99.99 To 3449. %

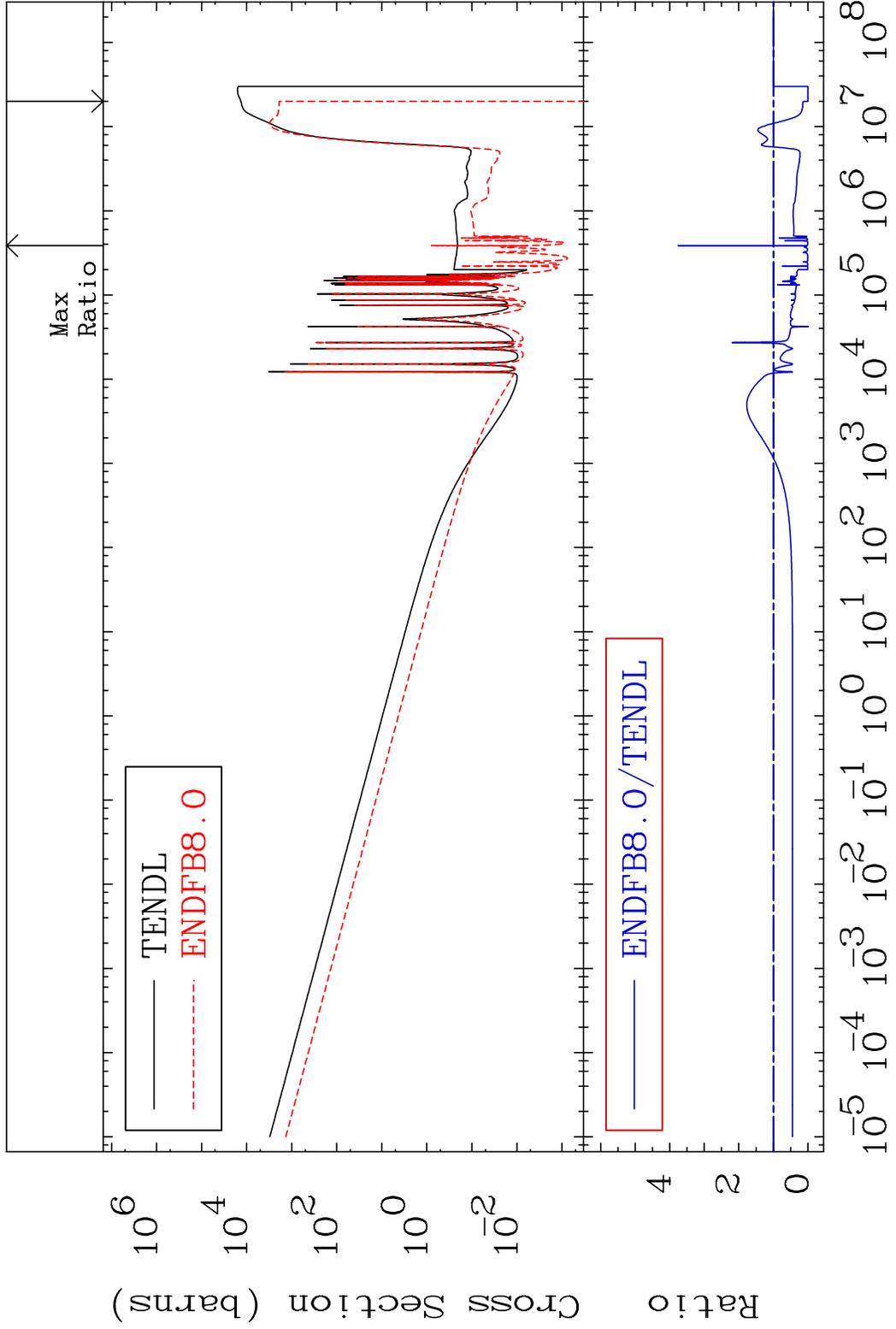


MAT 2037 Dpa inelastic (mt51-91) 20-Ca-44  
 Cross Section -100.0 To 2.128 %



53 Incident Energy (eV) 20-Ca-44

MAT 2037 Dpa disappearance (mt102 -120) 20-Ca-44  
 Cross Section -100.0 To 275.3 %



54 Incident Energy (eV) 20-Ca-44