

Program Complot
(Version 2021-1)

by

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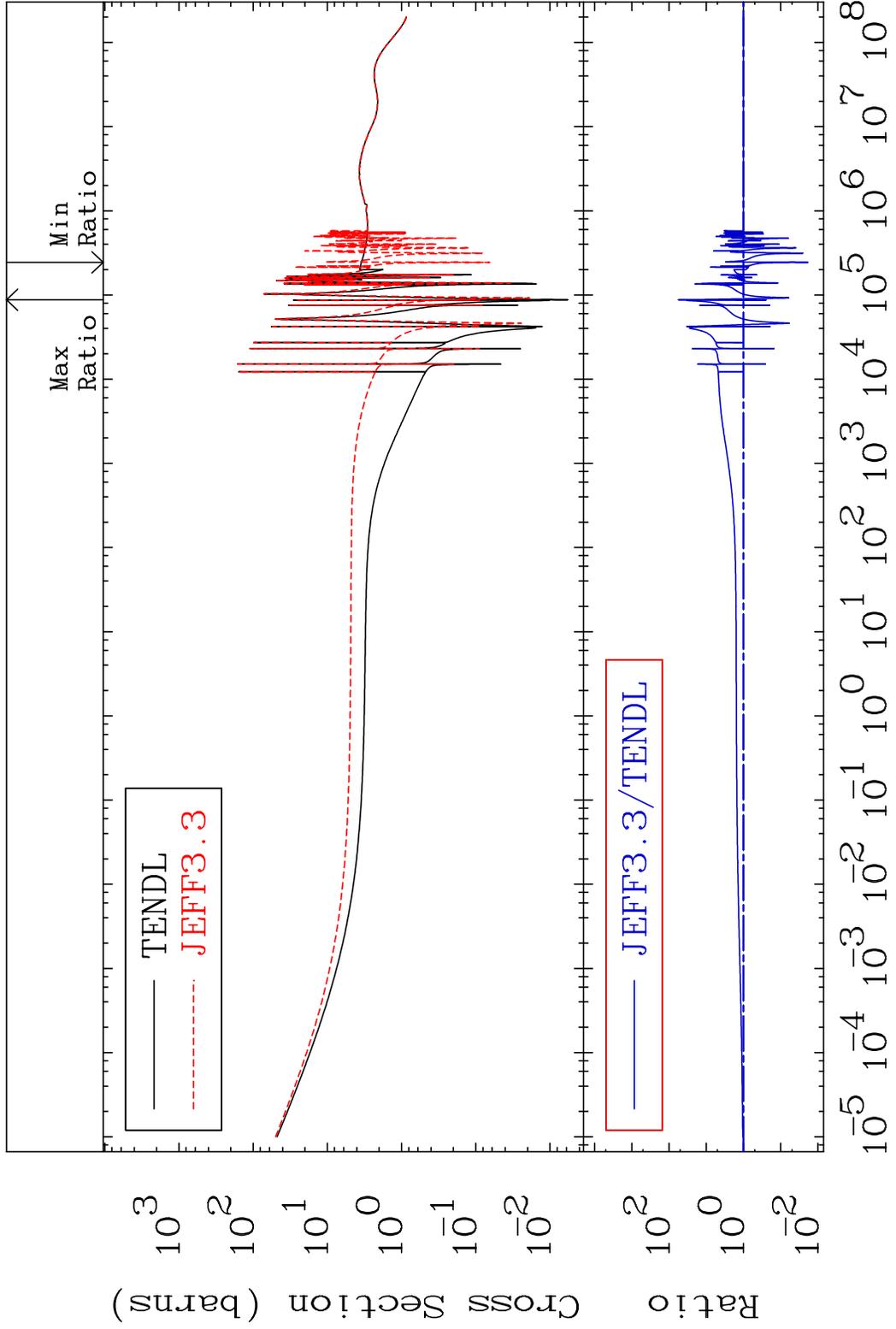
U.S.A.

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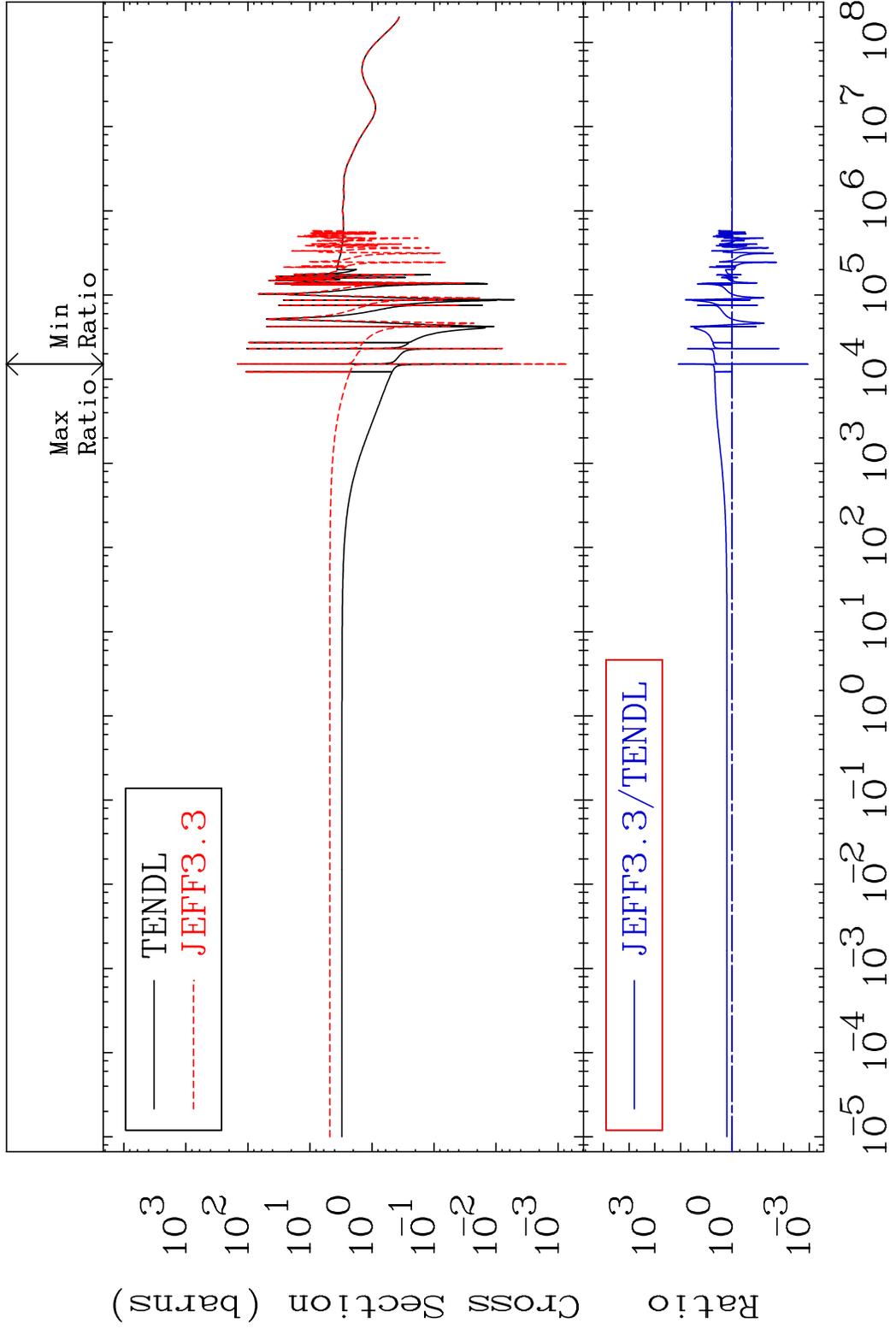
Press Mouse Button to Start

MAT 2037 Total Cross Section -98.13 To 5531. % 20-Ca-44

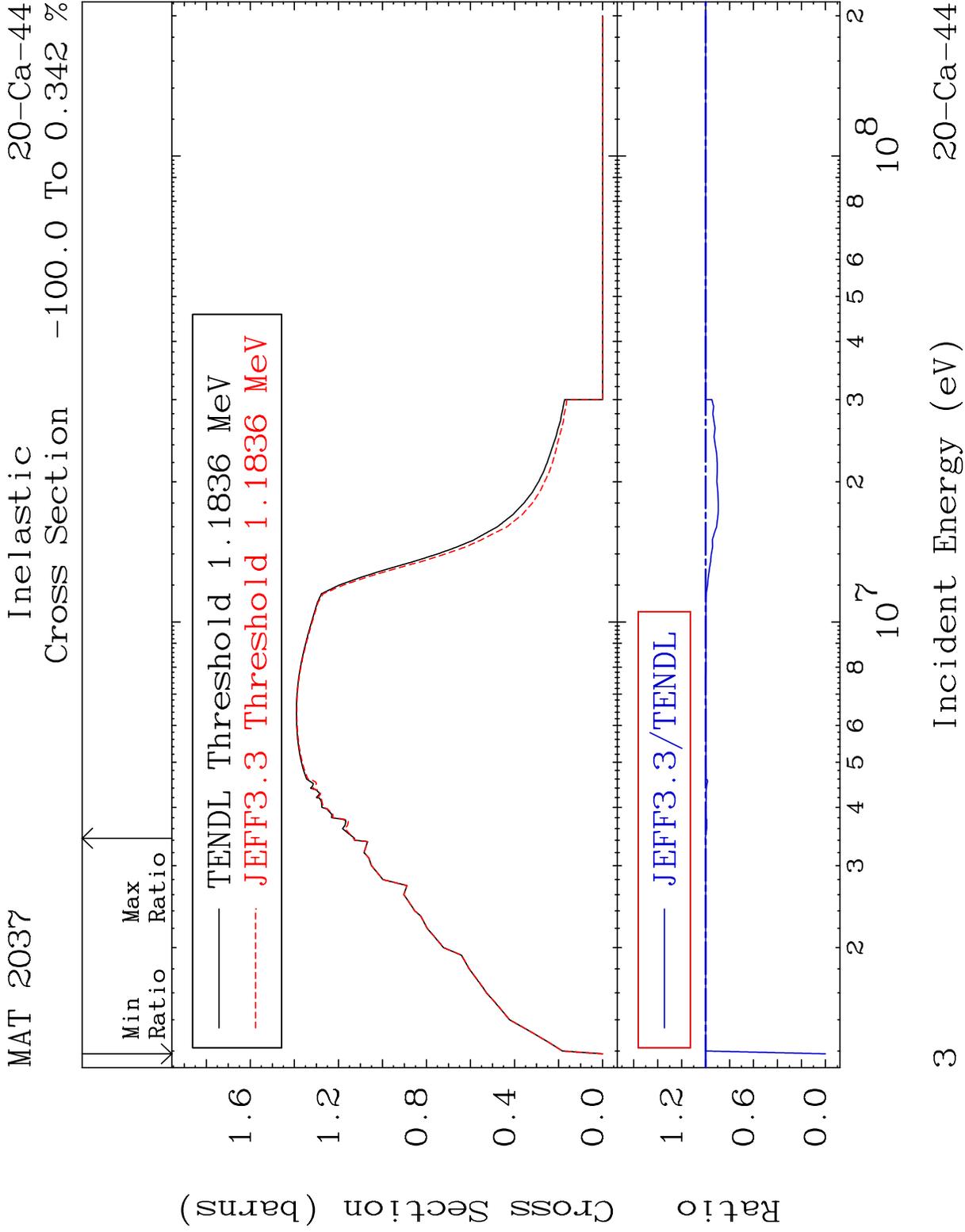


1 Incident Energy (eV) 20-Ca-44

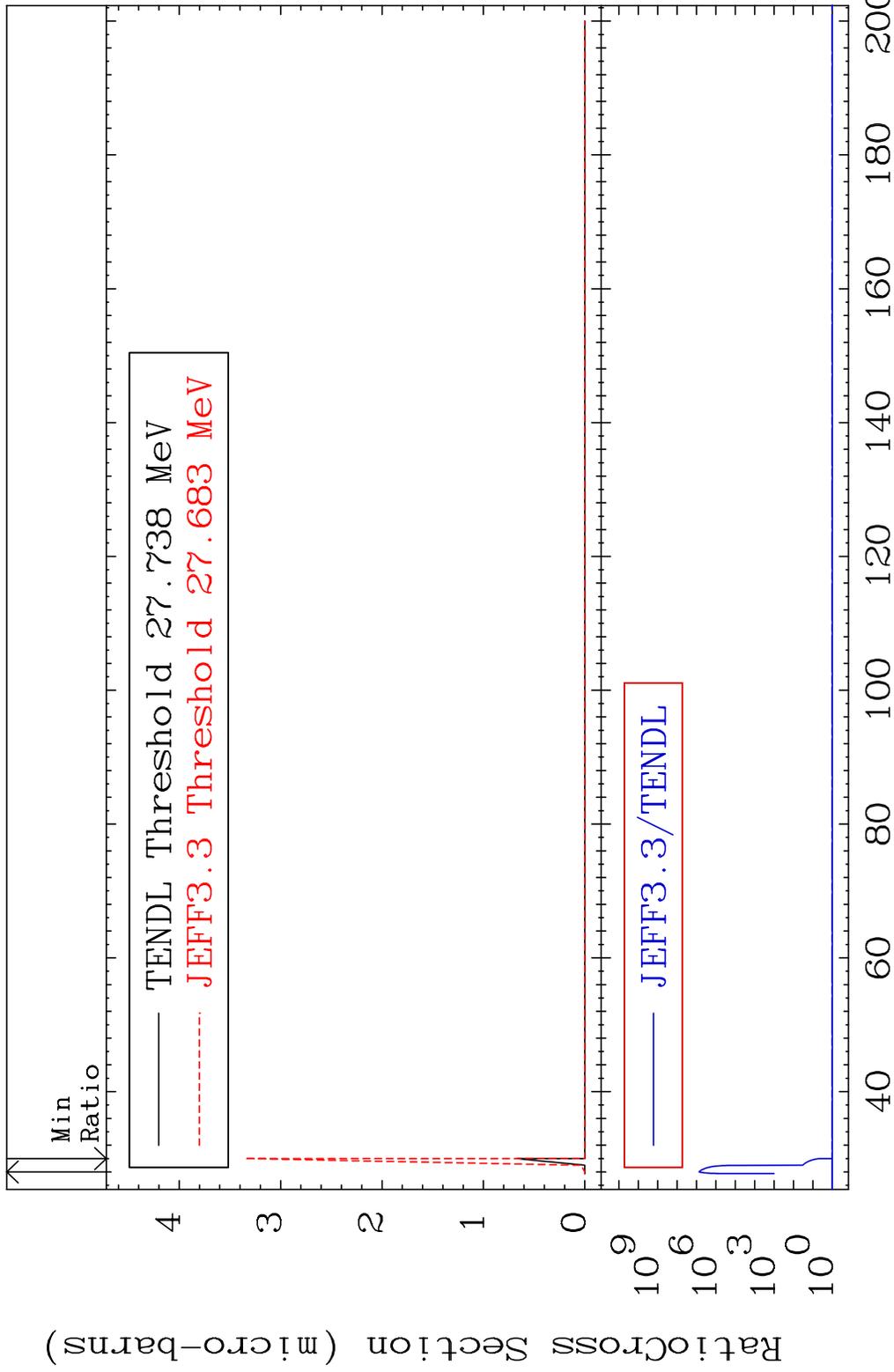
MAT 2037 Elastic Cross Section 20-Ca-44
 -99.89 To 9999. %

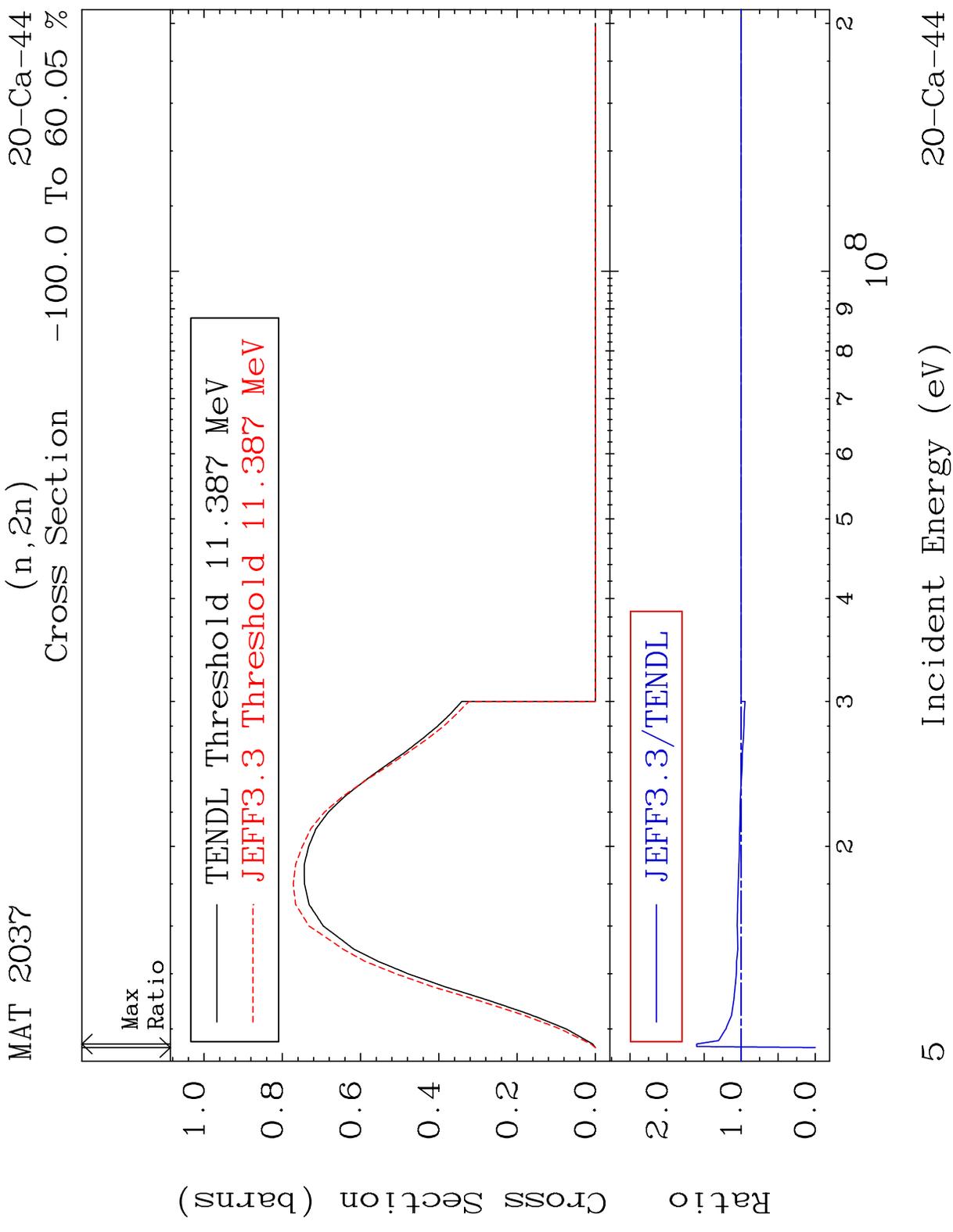


2 Incident Energy (eV) 20-Ca-44

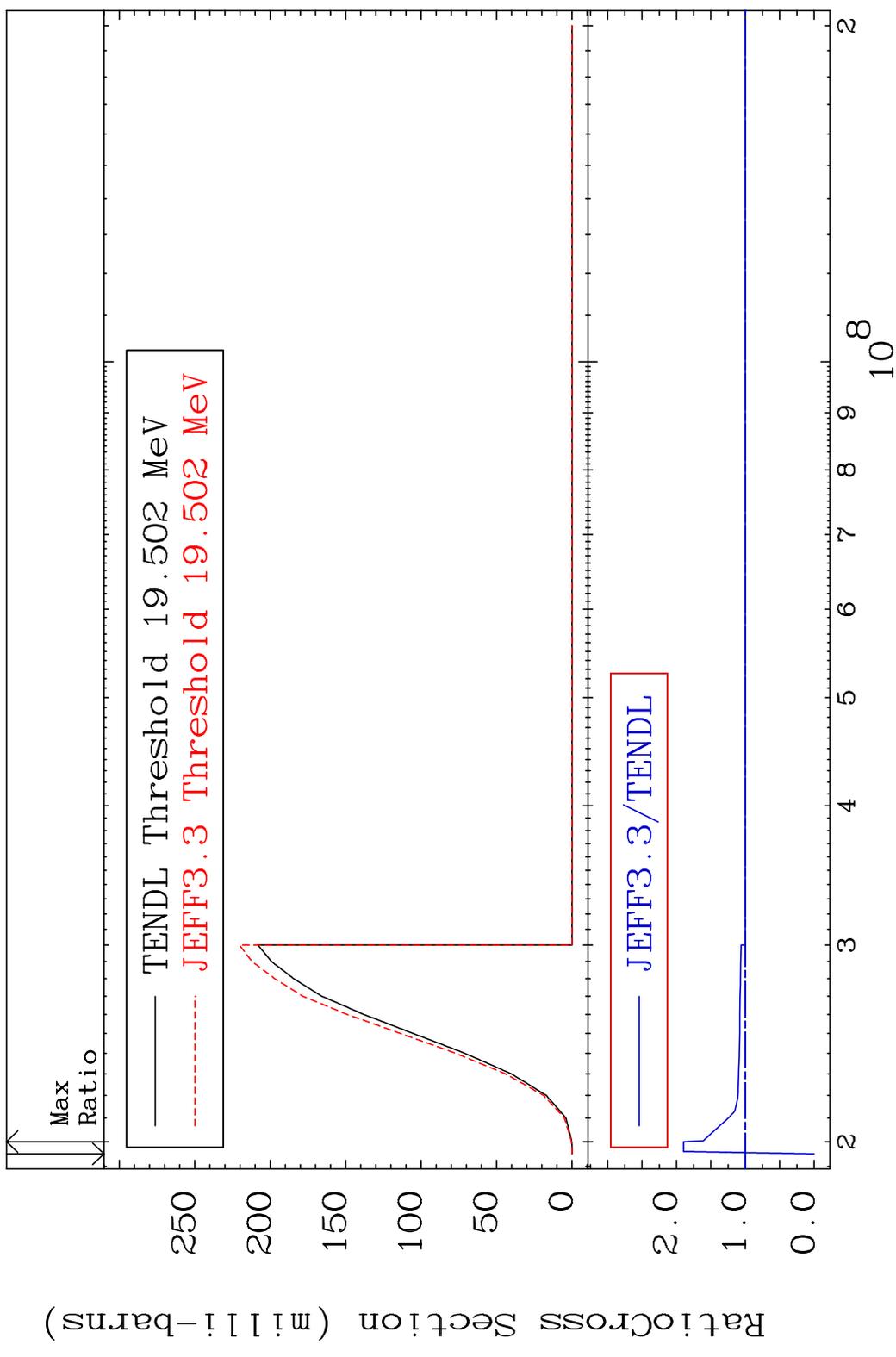


MAT 2037 (n,2n) d 20-Ca-44
Cross Section 0.000 To 9999. %

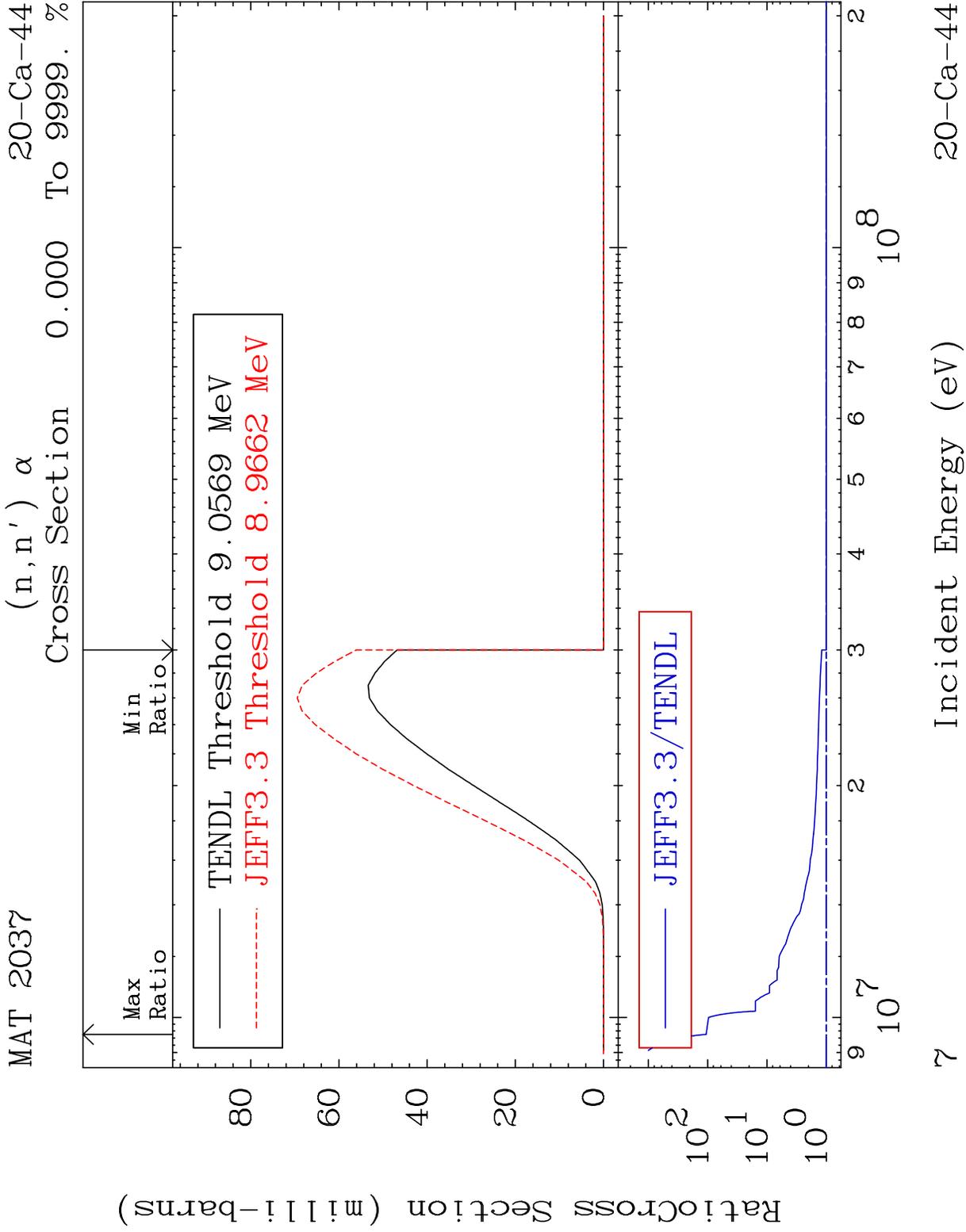


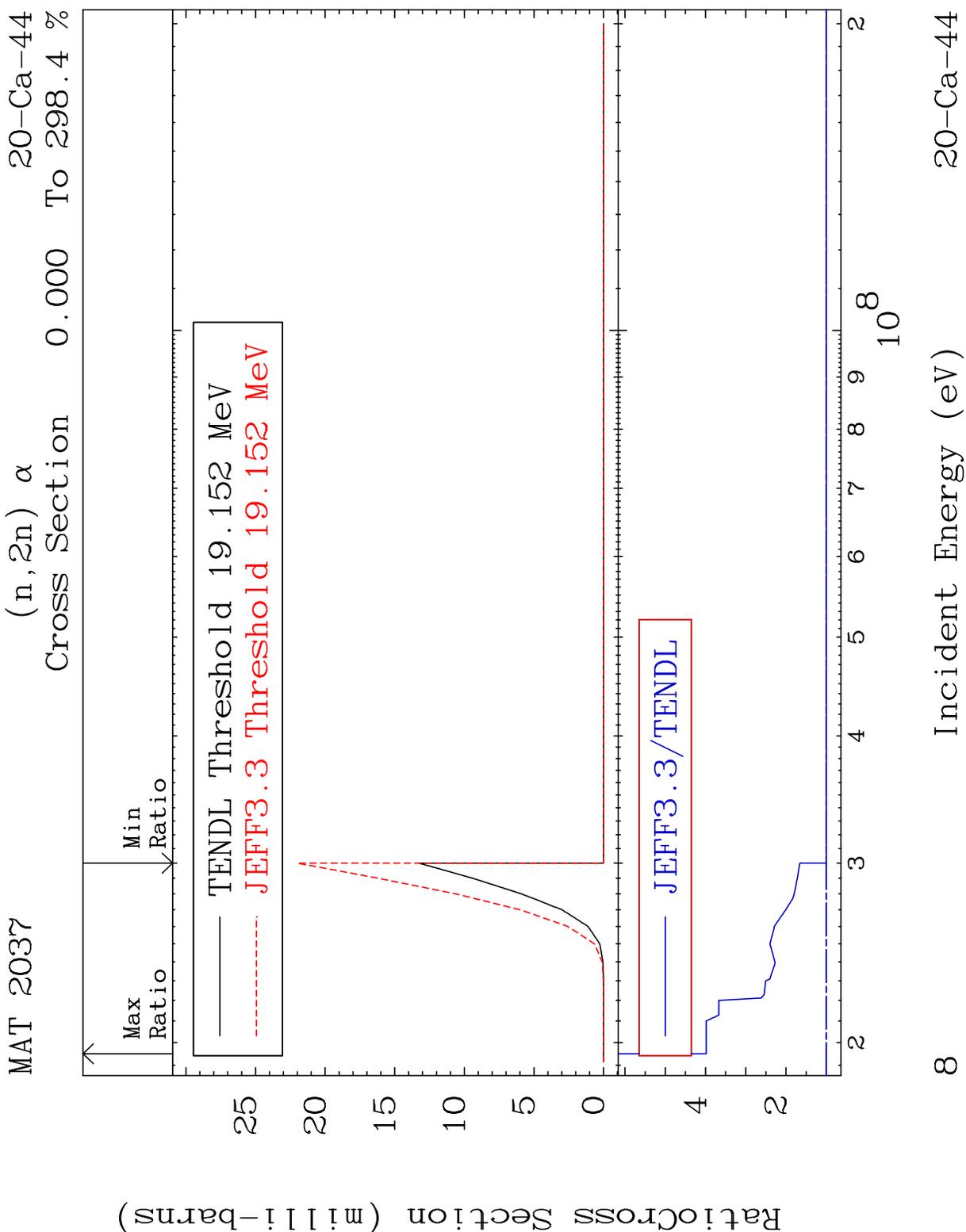


MAT 2037 (n,3n) 20-Ca-44
 Cross Section -100.0 To 89.69 %

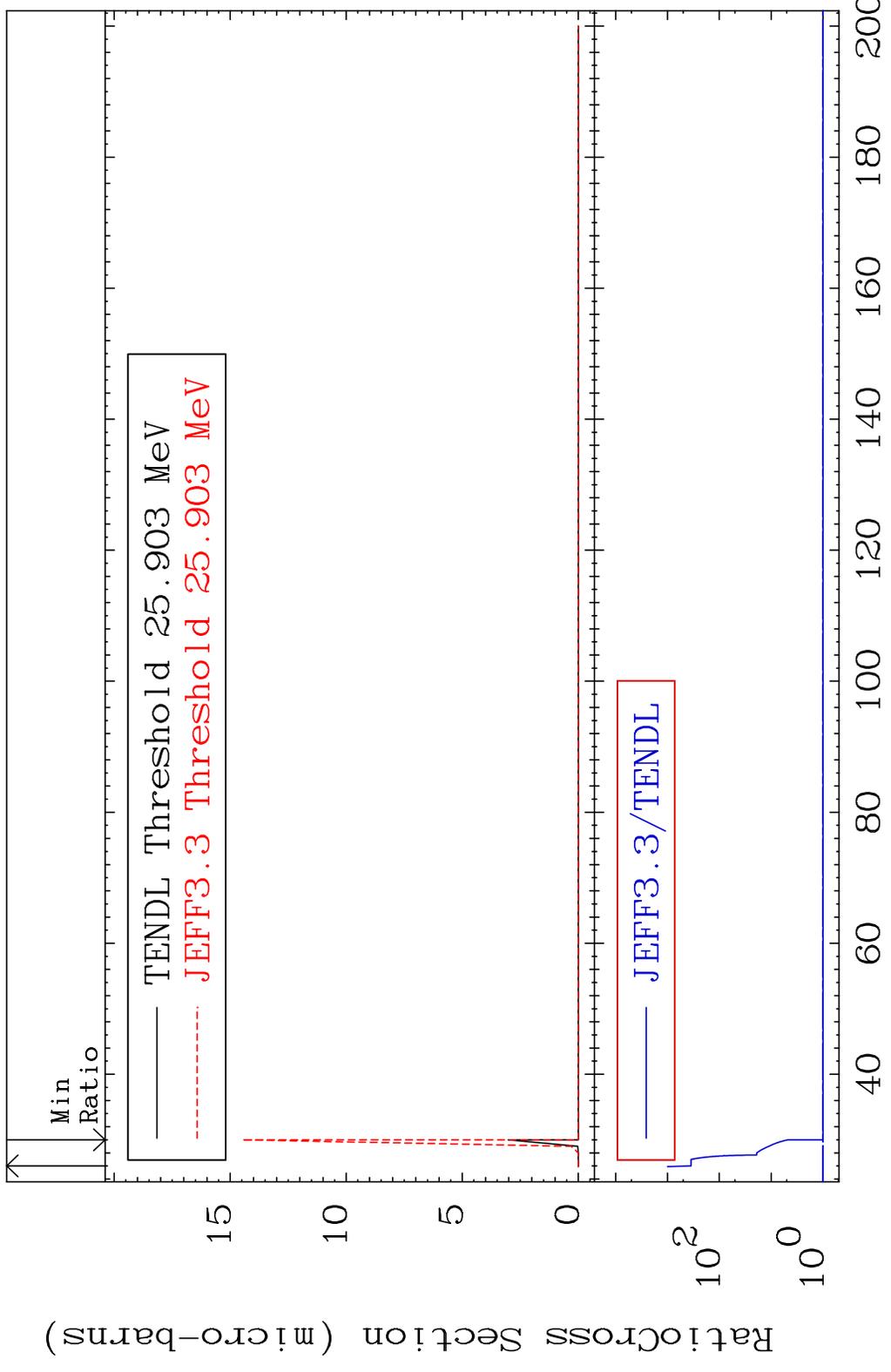


6 20-Ca-44



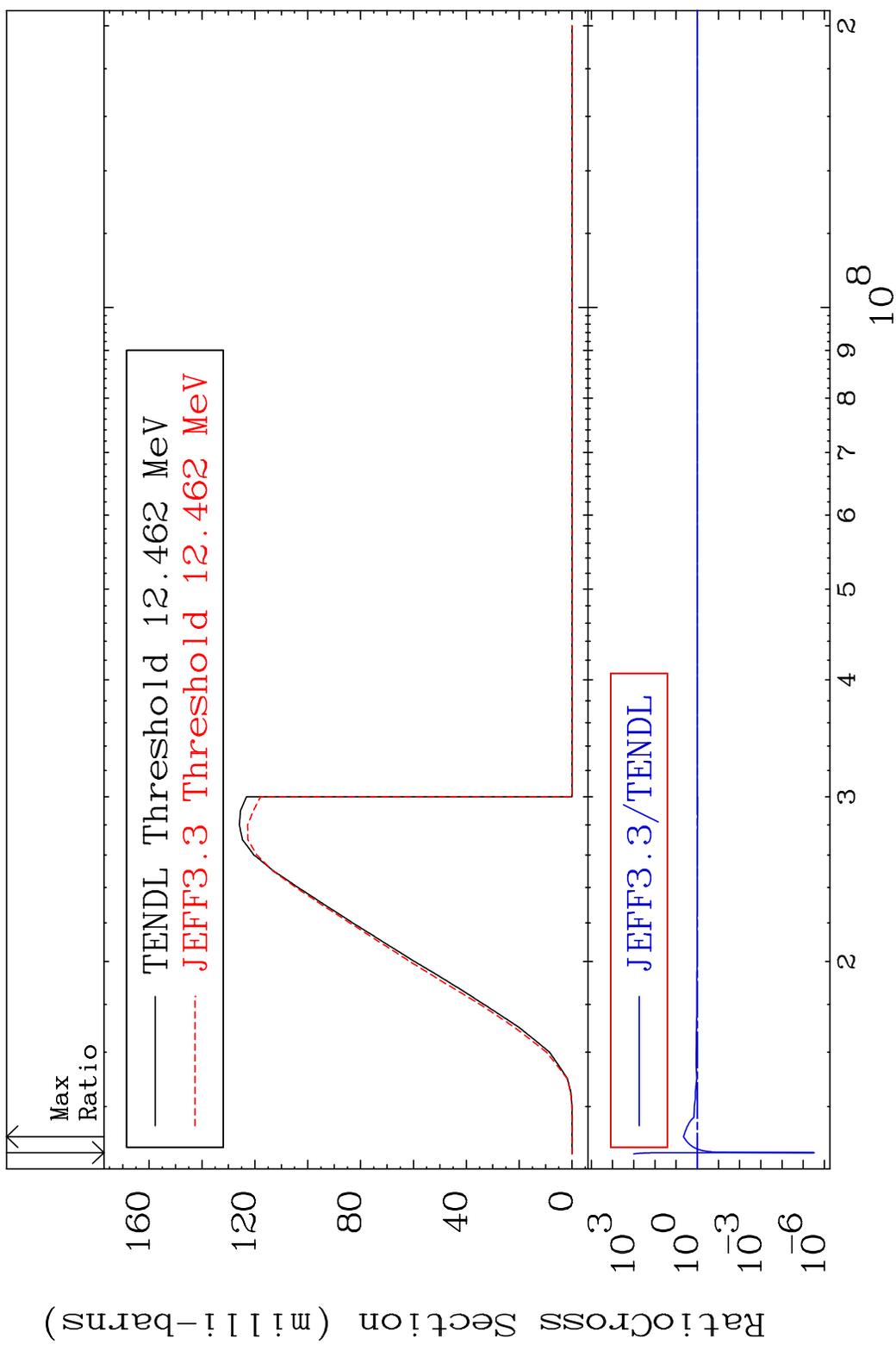


MAT 2037 (n,3n) α 20-Ca-44
 Cross Section 0.000 To 9999. %

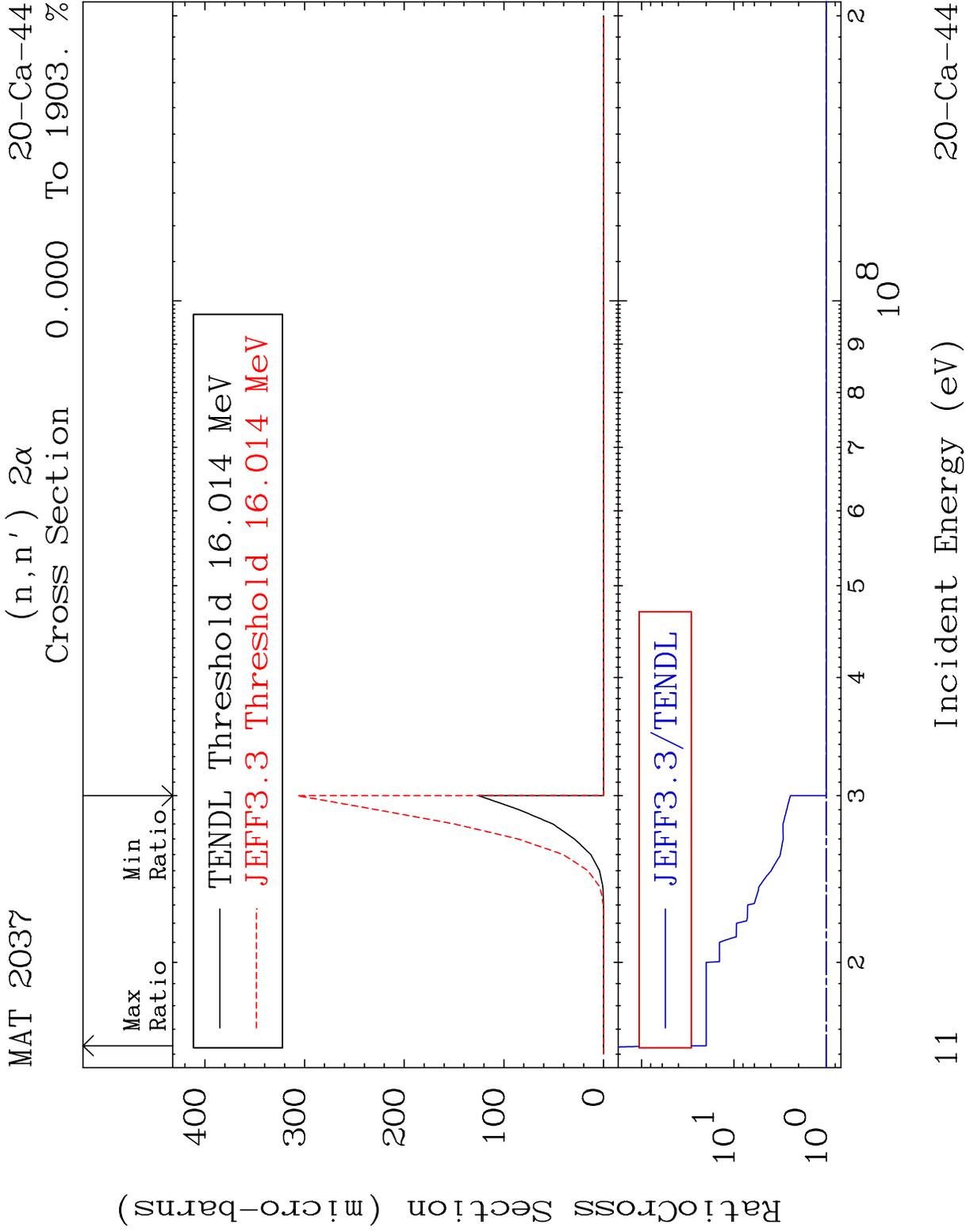


9 Incident Energy (MeV) 20-Ca-44

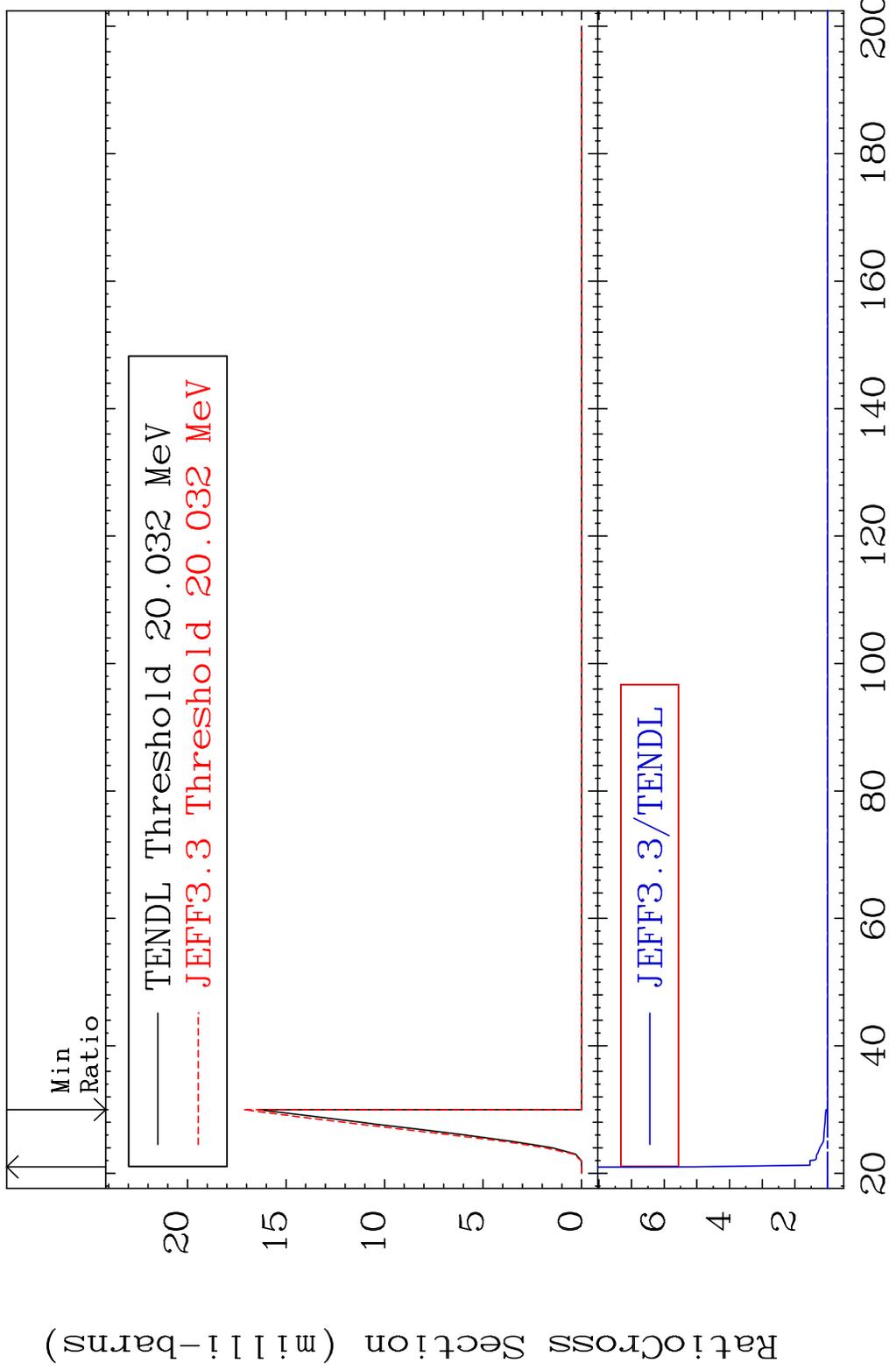
MAT 2037 (n, n') p 20-Ca-44
 Cross Section -100.0 To 345.7 %



10 20-Ca-44

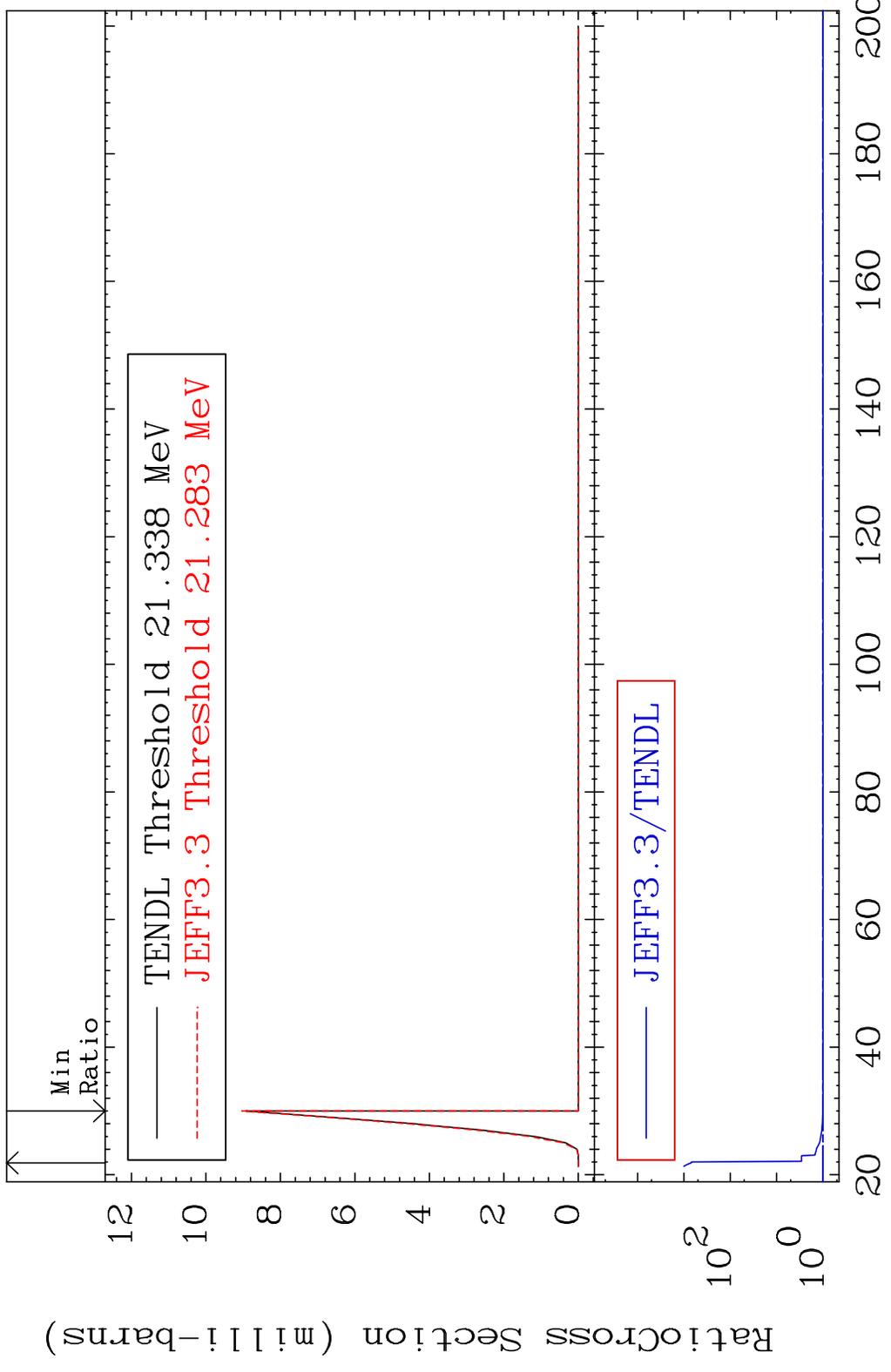


MAT 2037 (n, n') d 20-Ca-44
Cross Section 0.000 To 406.1 %



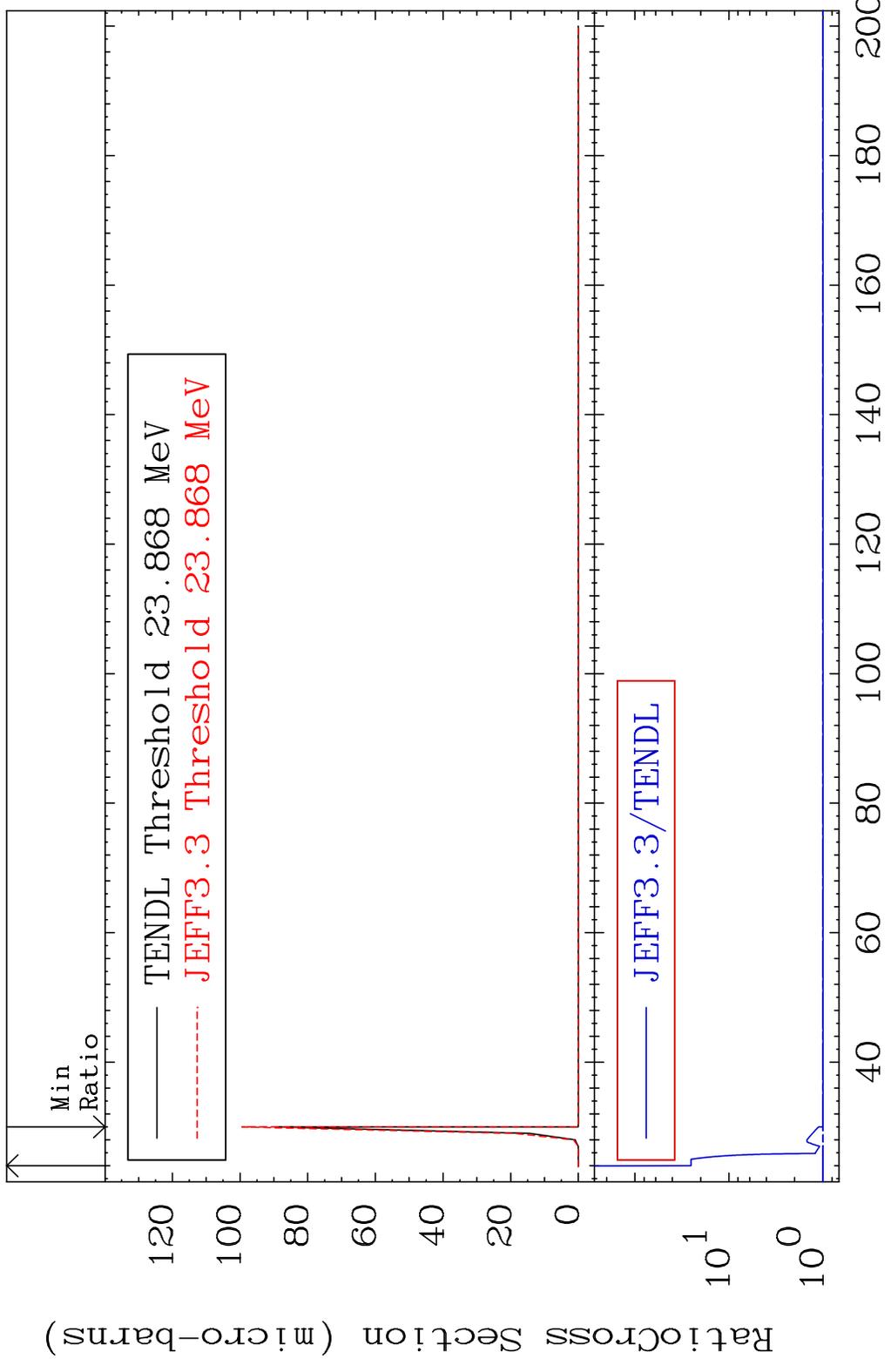
12 20-Ca-44

MAT 2037 (n, n') t 20-Ca-44
 Cross Section 0.000 To 9999. %



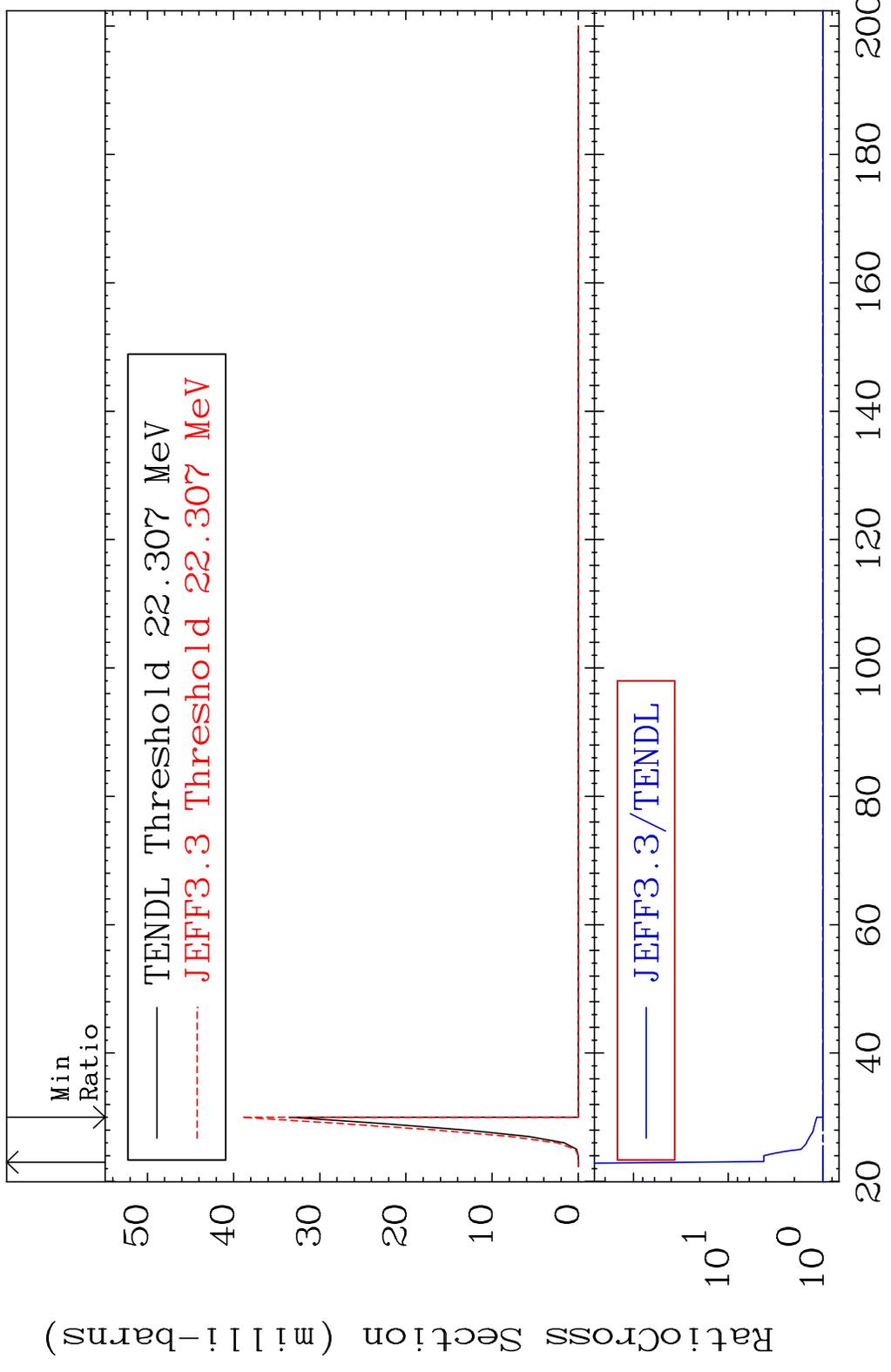
13 20-Ca-44

MAT 2037 (n, n') He-3 20-Ca-44
 Cross Section 0.000 To 2433. %



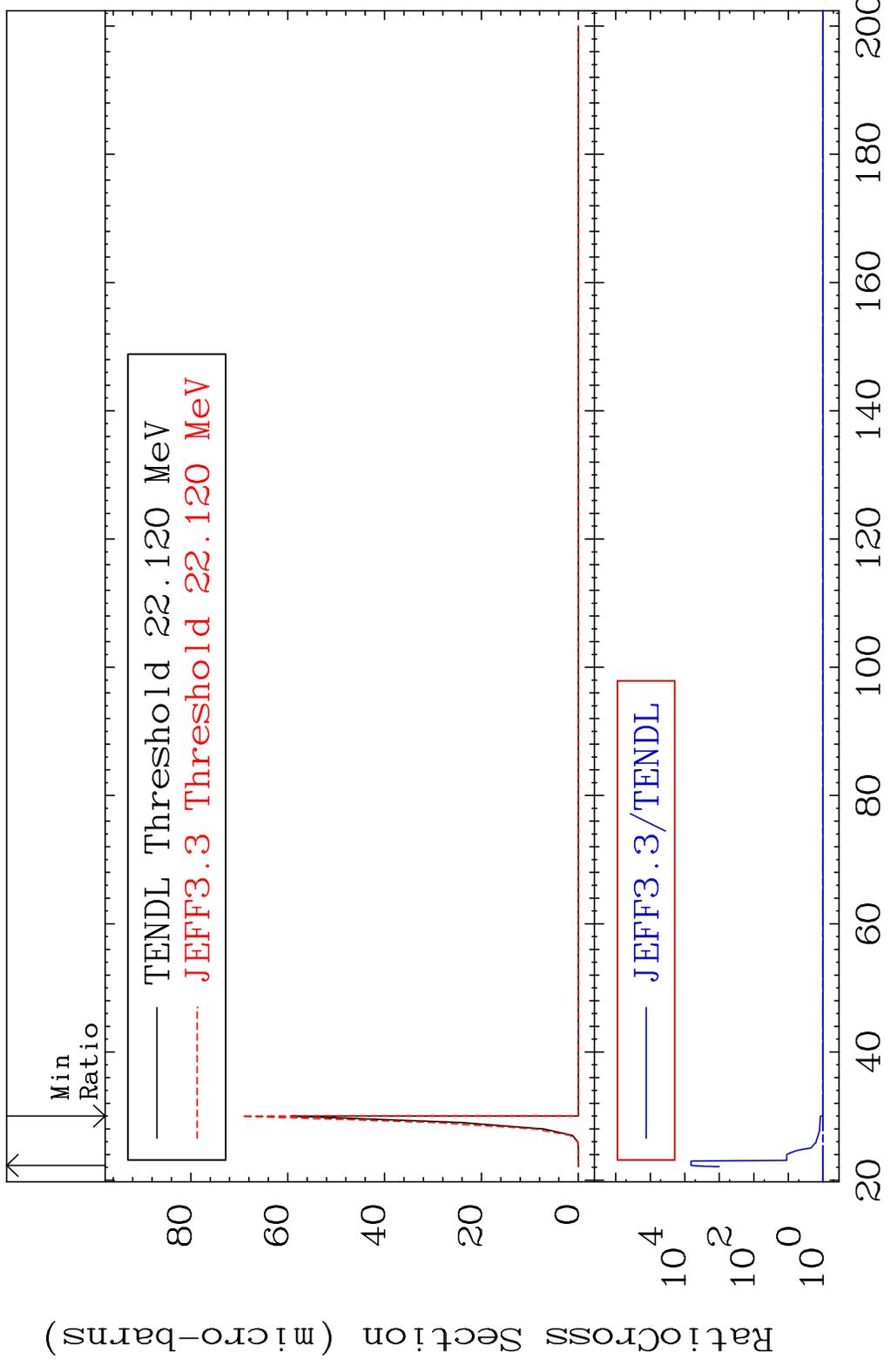
14 Incident Energy (MeV) 20-Ca-44

MAT 2037 (n, 2n) p 20-Ca-44
 Cross Section 0.000 To 2375. %



15 20-Ca-44

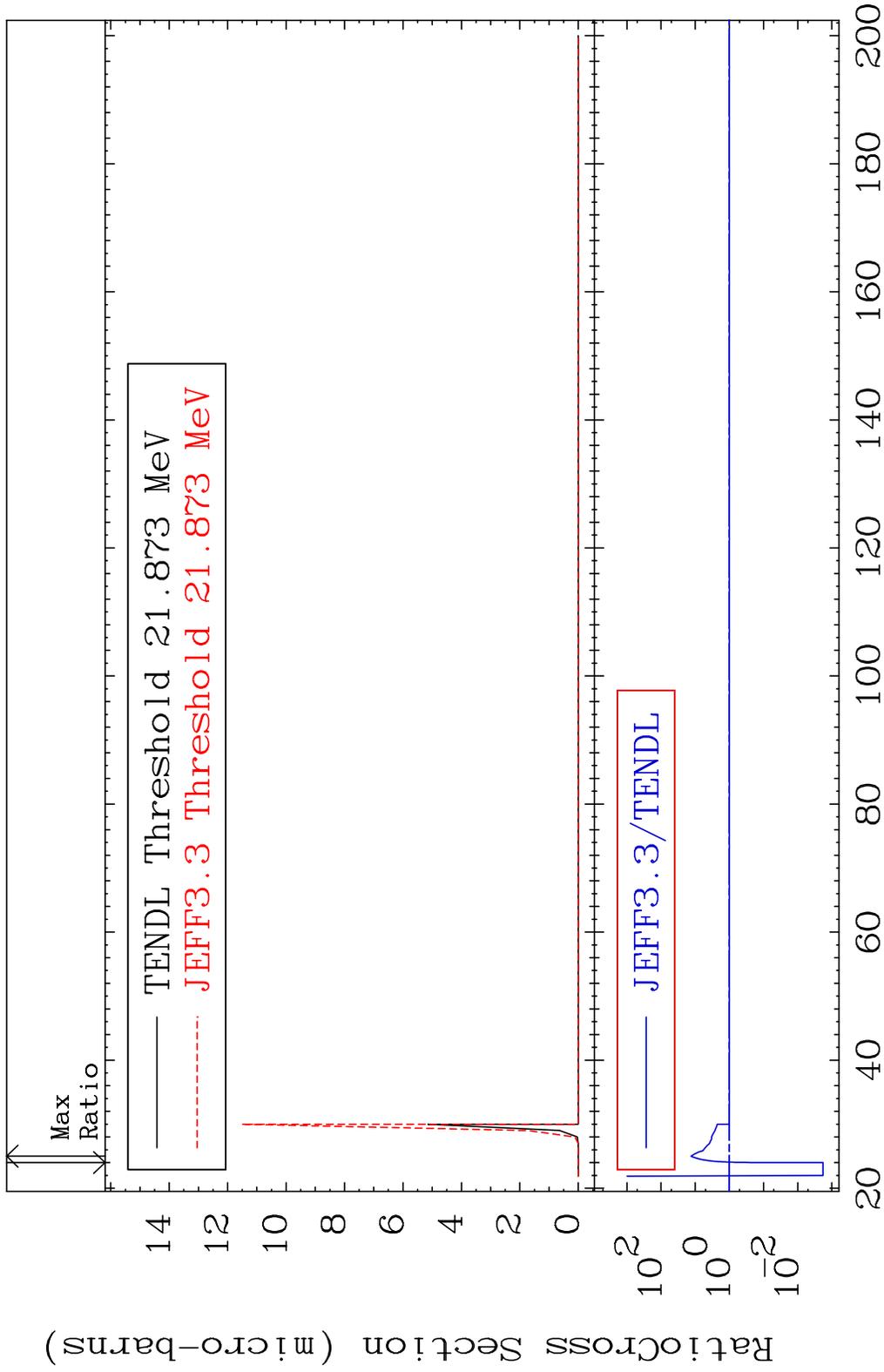
MAT 2037 (n,2n) p 20-Ca-44
 Cross Section 0.000 To 9999. %



16 20-Ca-44

MAT 2037

(n, n') p α 20-Ca-44
Cross Section -99.82 To 1232. %

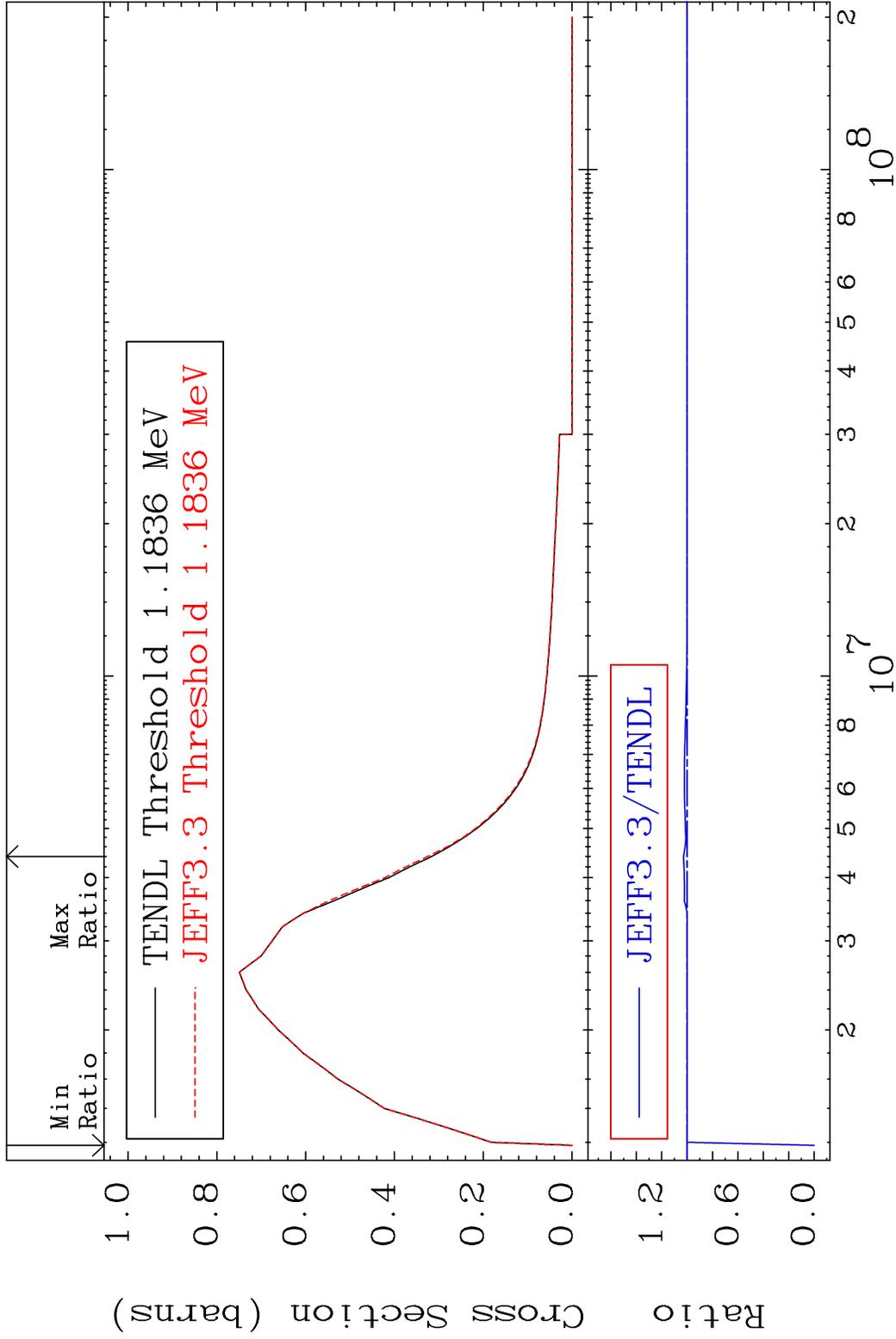


17

Incident Energy (MeV)

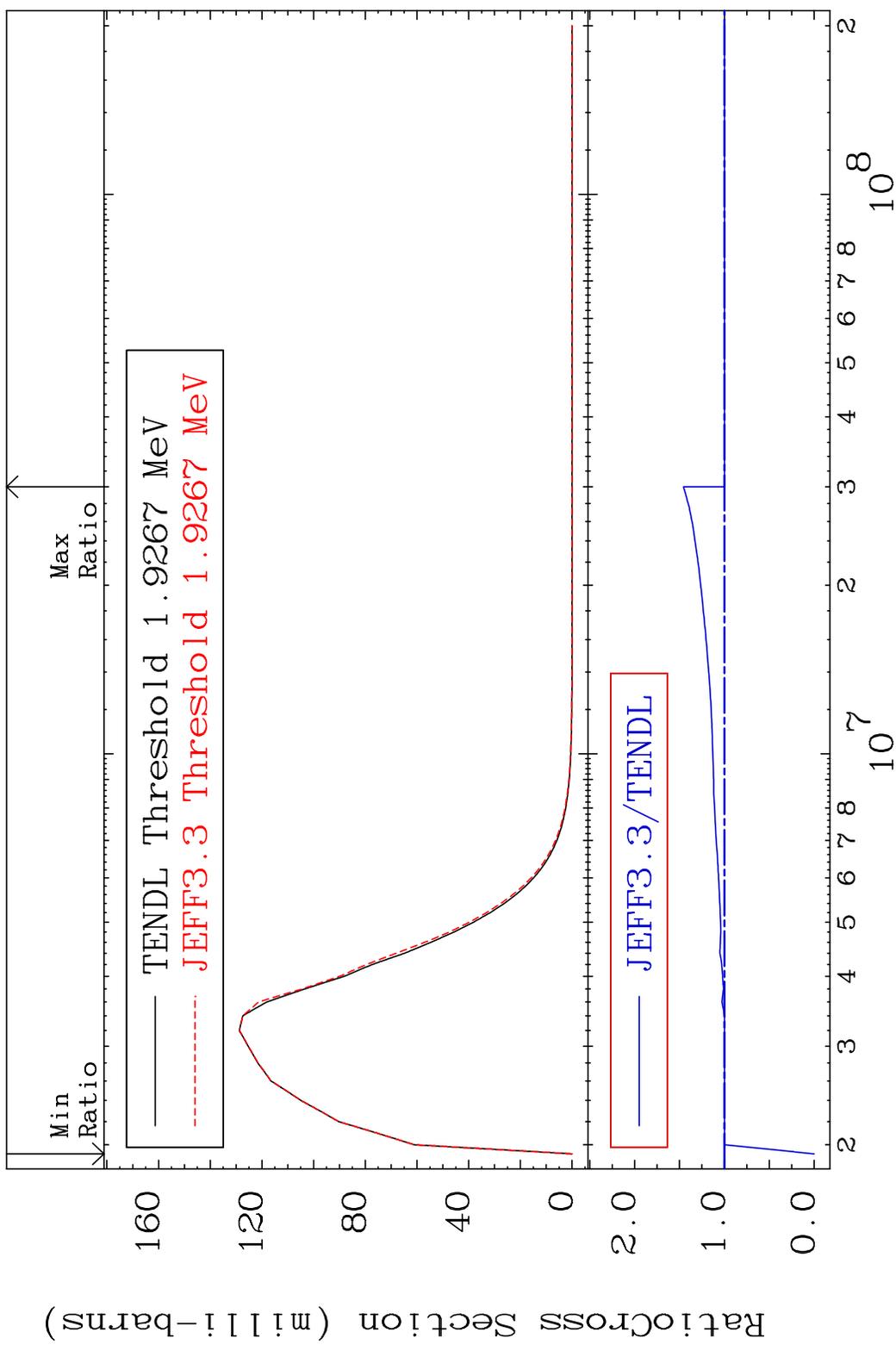
20-Ca-44

MAT 2037 MT= 51 (n, n') Level 20-Ca-44
 Cross Section -100.0 To 2.819 %



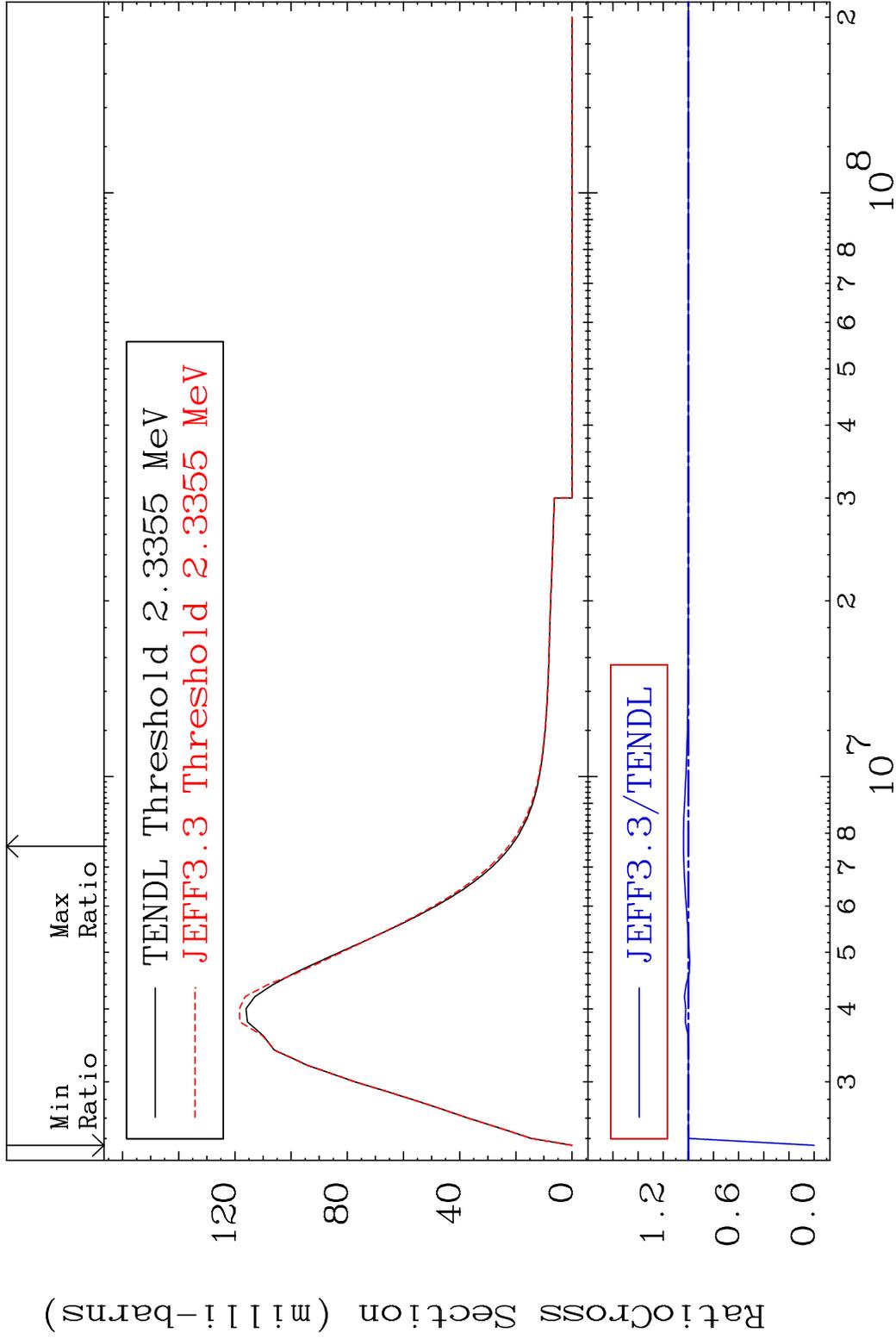
18 Incident Energy (eV) 20-Ca-44

MAT 2037 MT= 52 (n, n') Level 20-Ca-44
 Cross Section -100.0 To 45.55 %



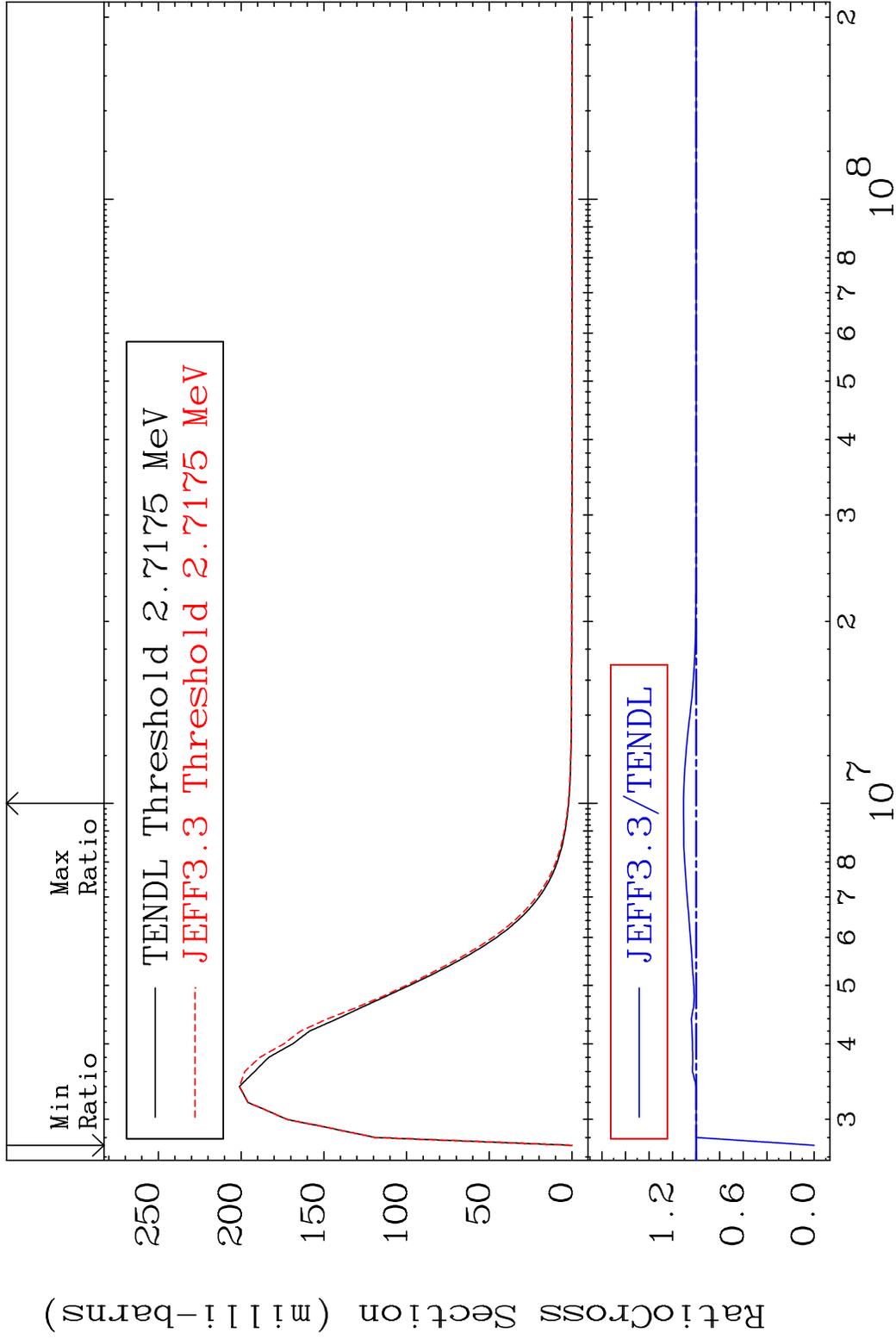
19 20-Ca-44

MAT 2037 MT= 53 (n, n') Level 20-Ca-44
Cross Section -100.0 To 3.780 %



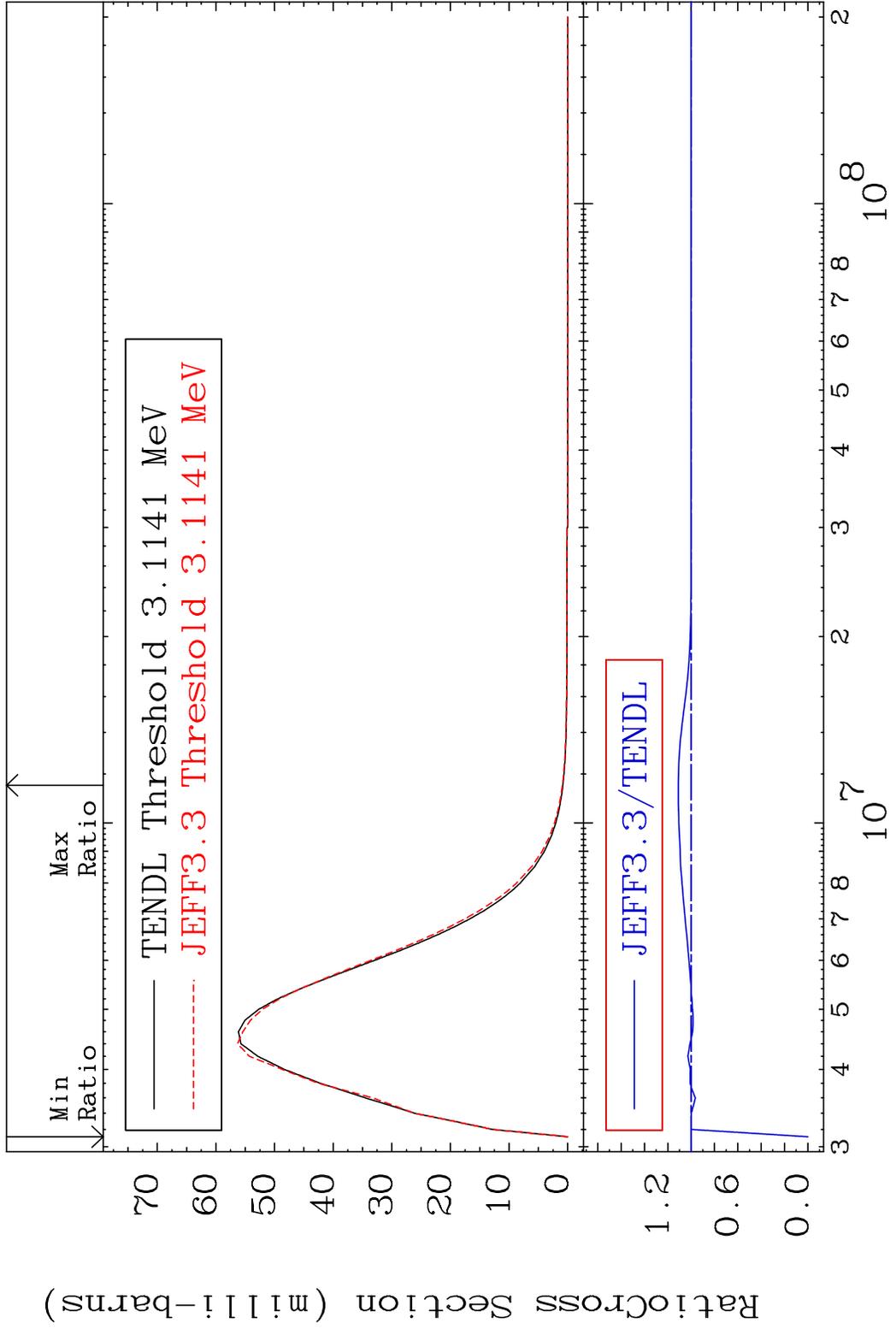
20 Incident Energy (eV) 20-Ca-44

MAT 2037 MT= 54 (n, n') Level 20-Ca-44
 Cross Section -100.0 To 10.72 %



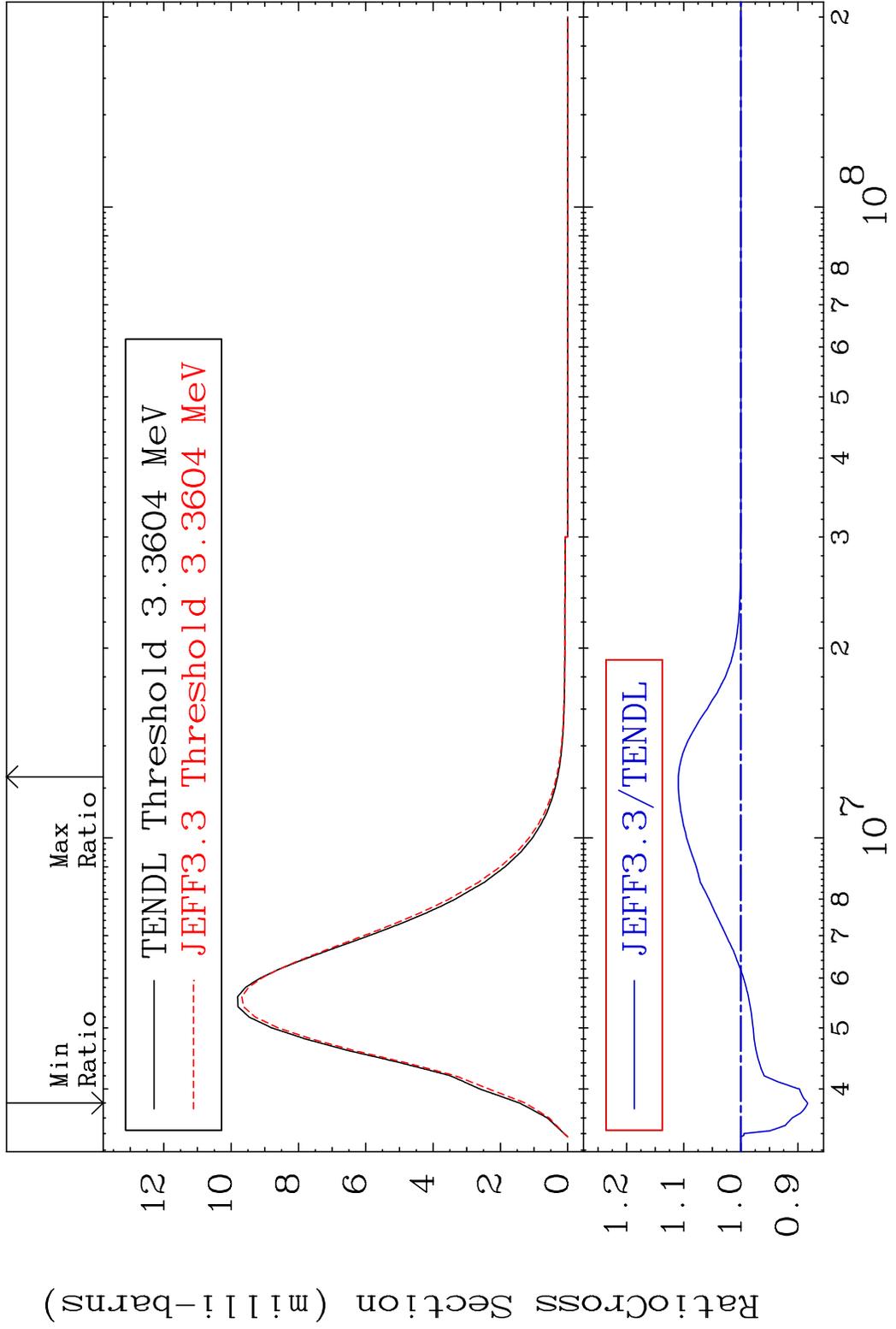
21 20-Ca-44

MAT 2037 MT= 55 (n, n') Level 20-Ca-44
 Cross Section -100.0 To 11.00 %

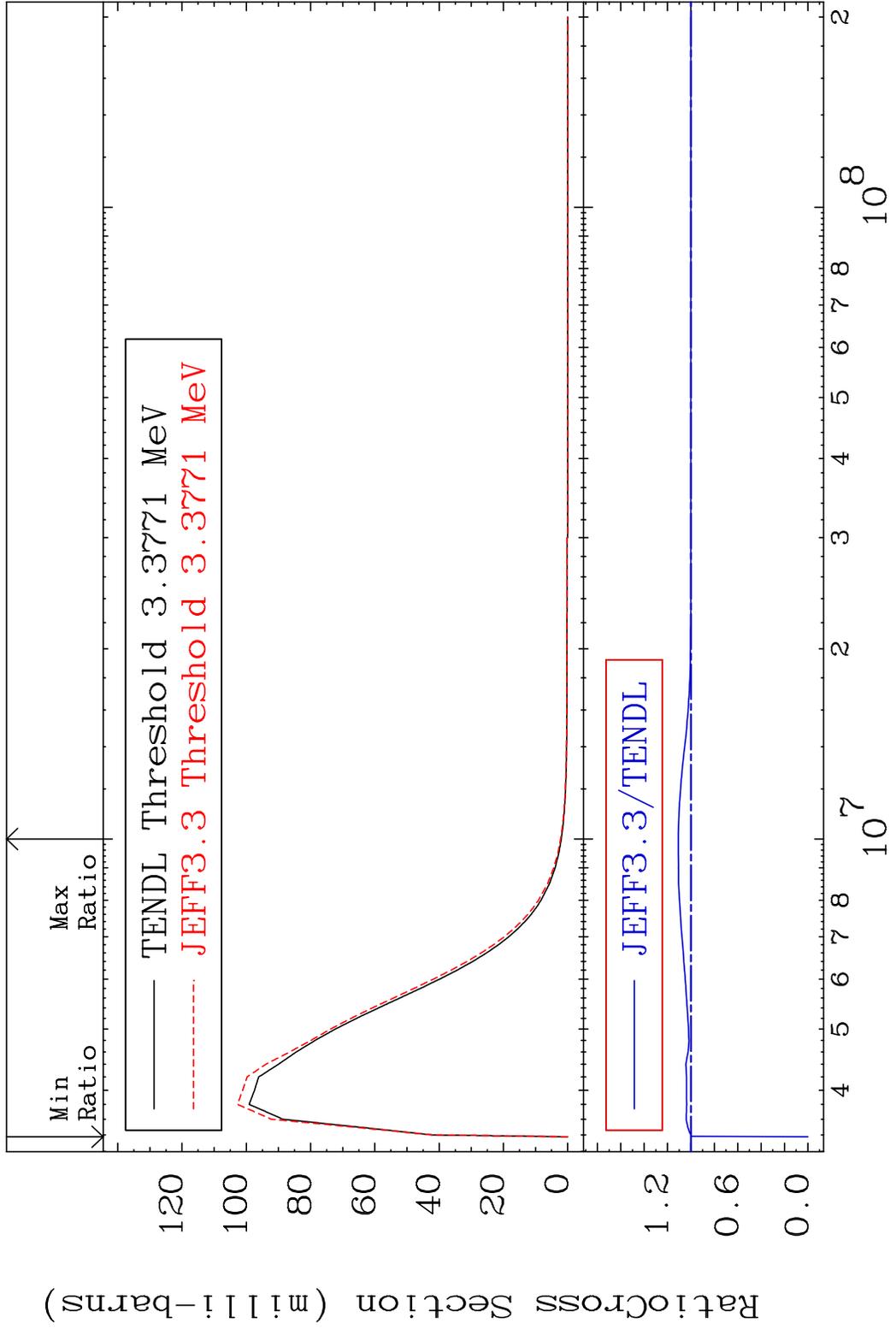


22 20-Ca-44

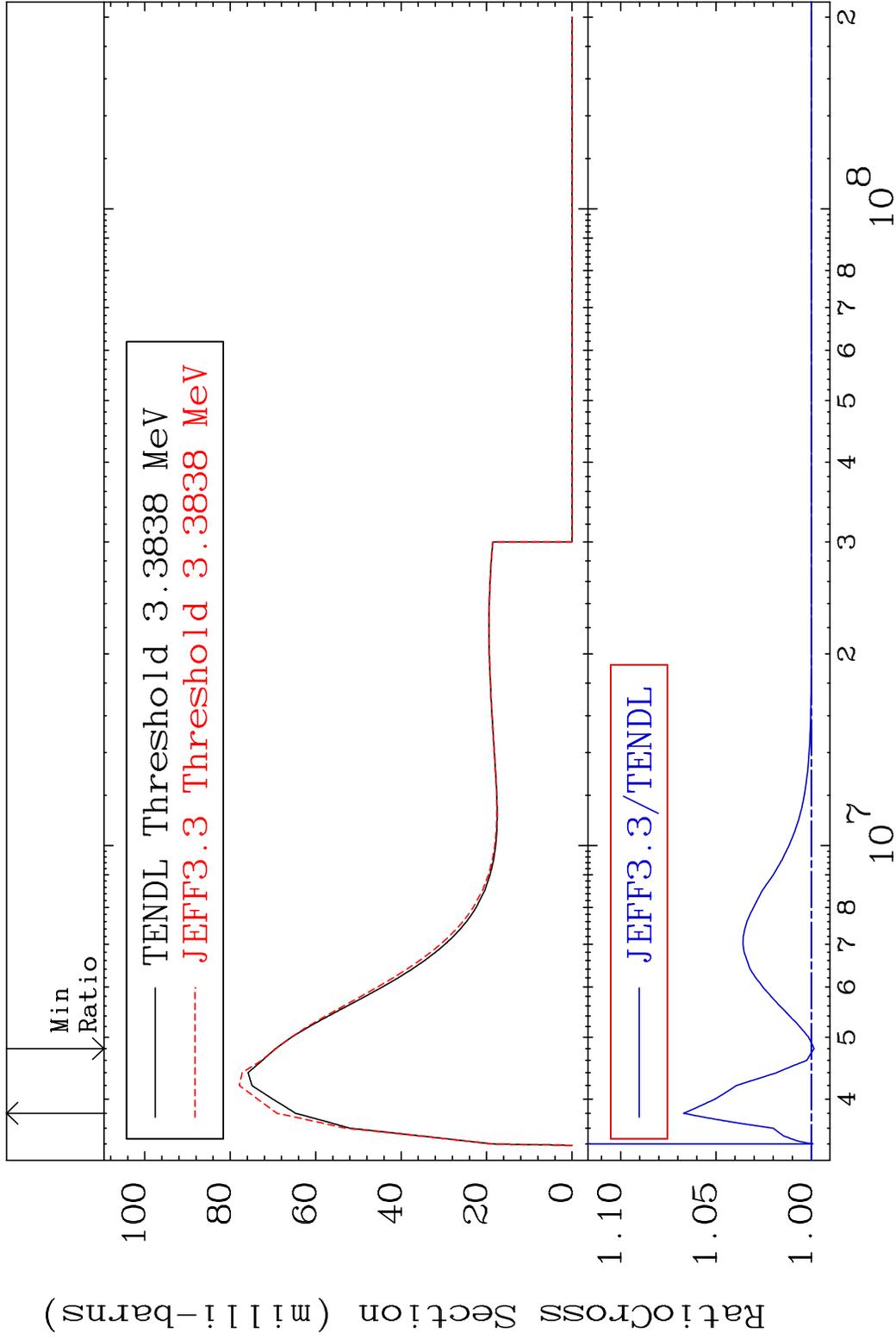
MAT 2037 MT= 56 (n, n') Level 20-Ca-44
 Cross Section -11.72 To 10.95 %



MAT 2037 MT= 57 (n, n') Level 20-Ca-44
 Cross Section -100.0 To 10.79 %

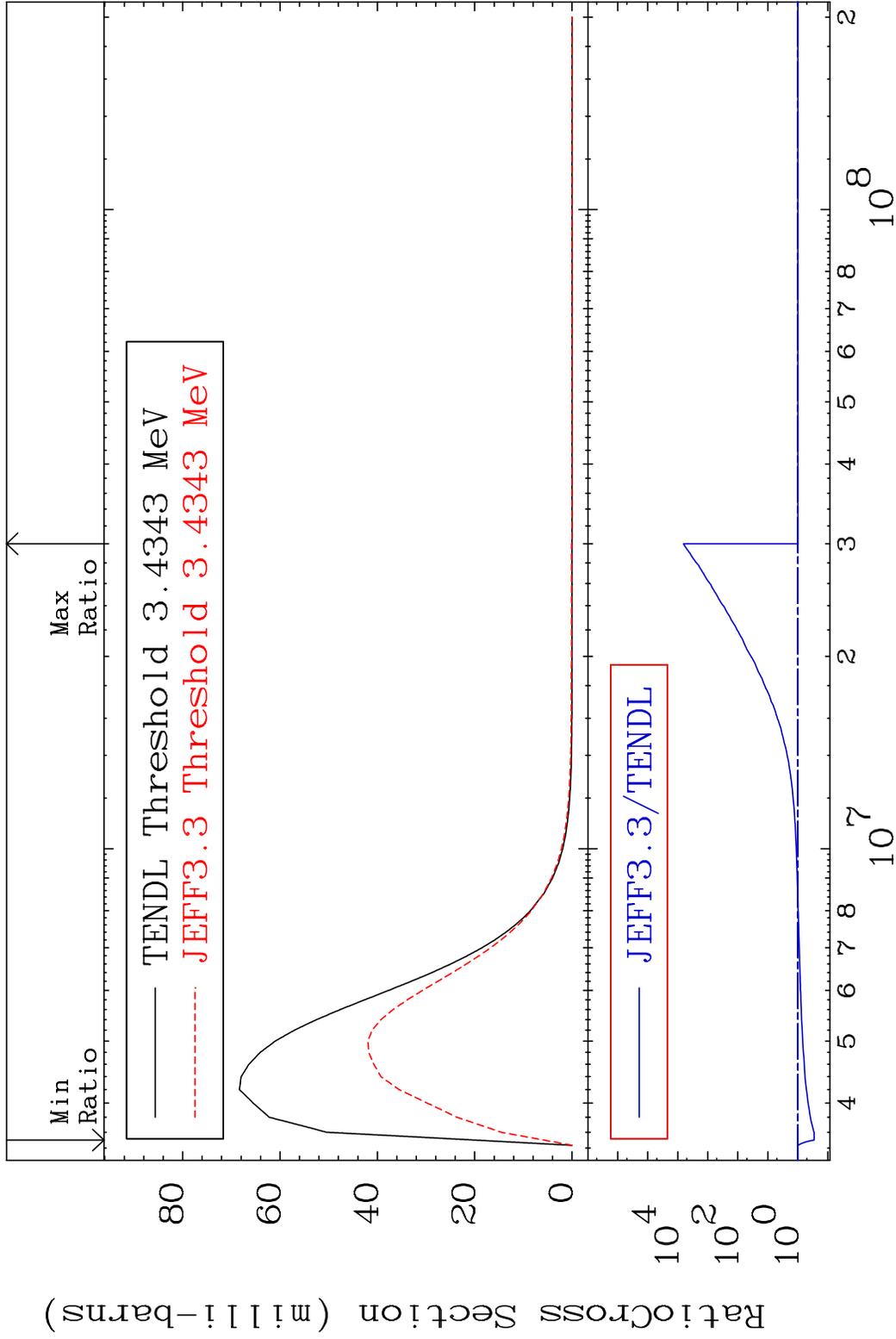


MAT 2037 MT= 58 (n, n') Level 20-Ca-44
 Cross Section -0.138 To 6.702 %

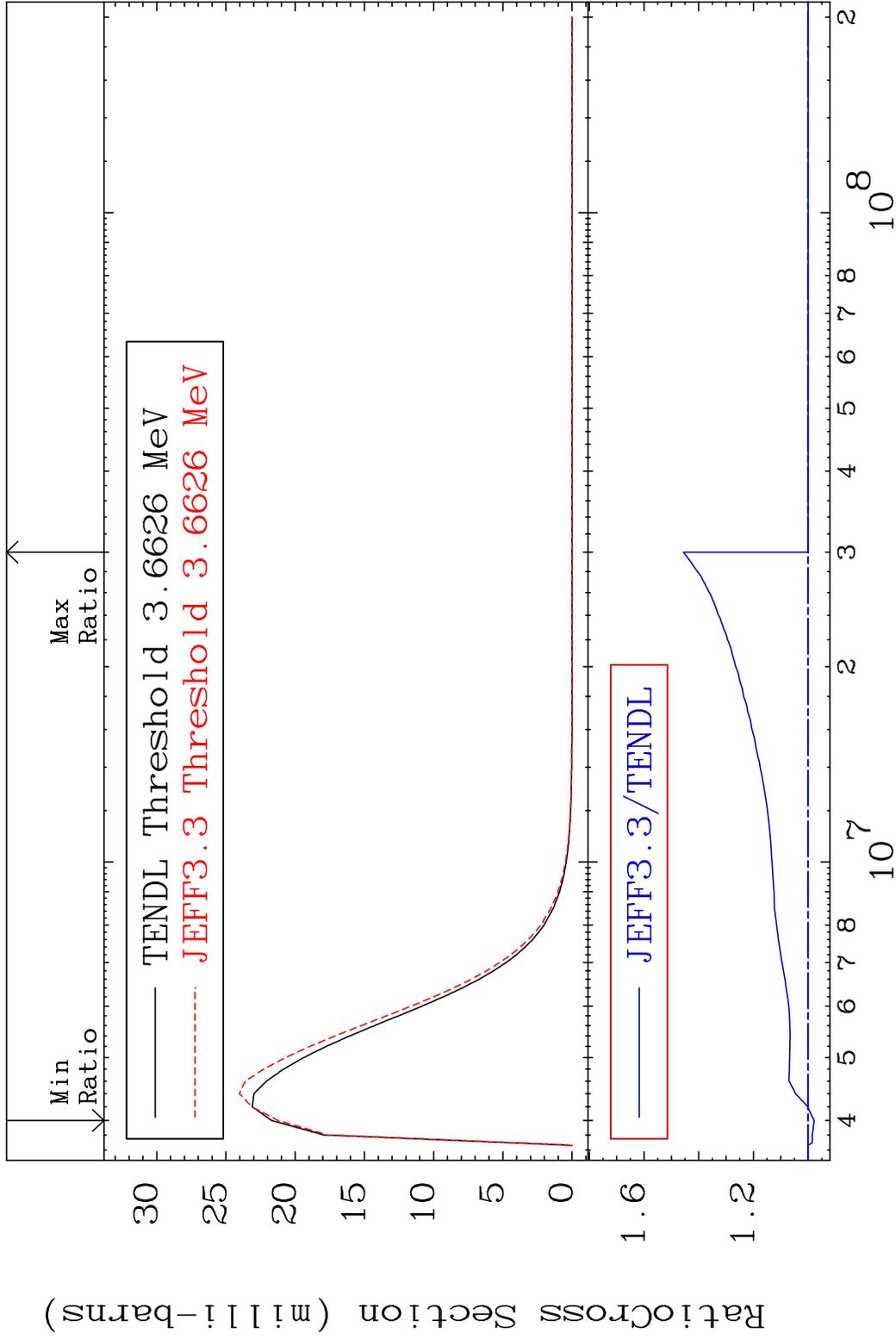


25 Incident Energy (eV) 20-Ca-44

MAT 2037 MT= 59 (n, n') Level 20-Ca-44
 Cross Section -71.16 To 9999. %

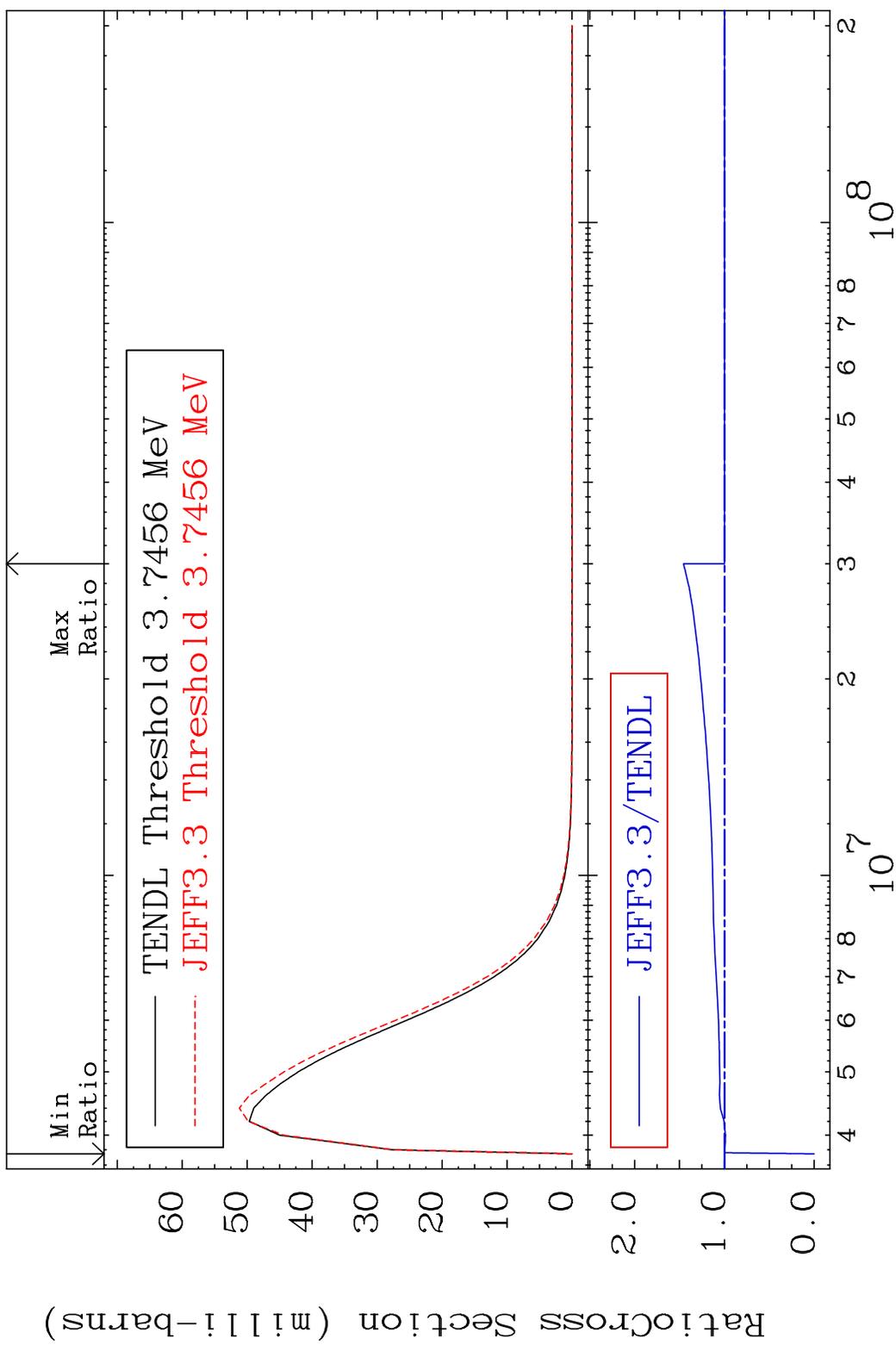


MAT 2037 MT= 60 (n, n') Level 20-Ca-44
 Cross Section -2.171 To 45.55 %



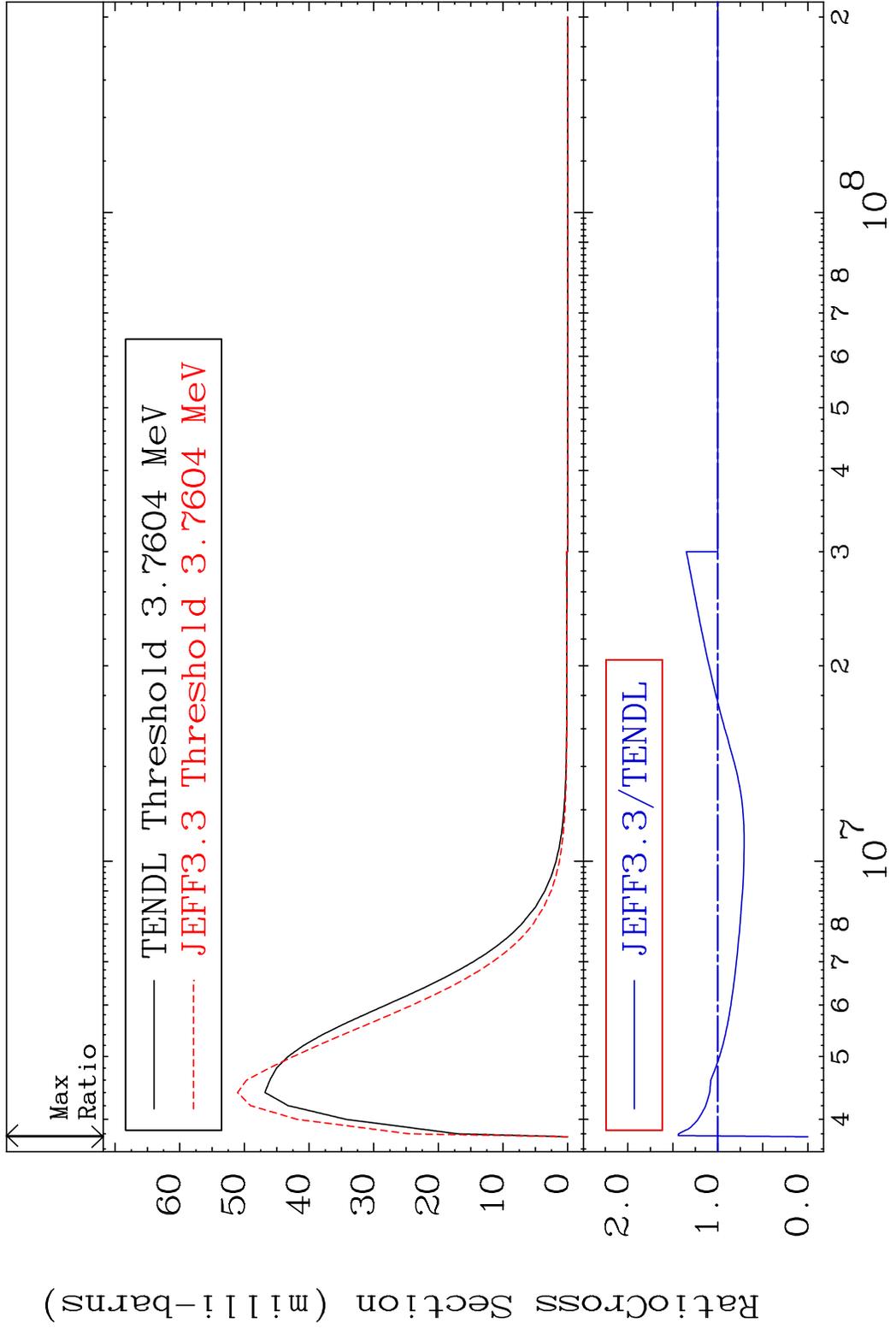
27 20-Ca-44

MAT 2037 MT= 61 (n, n') Level 20-Ca-44
 Cross Section -100.0 To 45.56 %

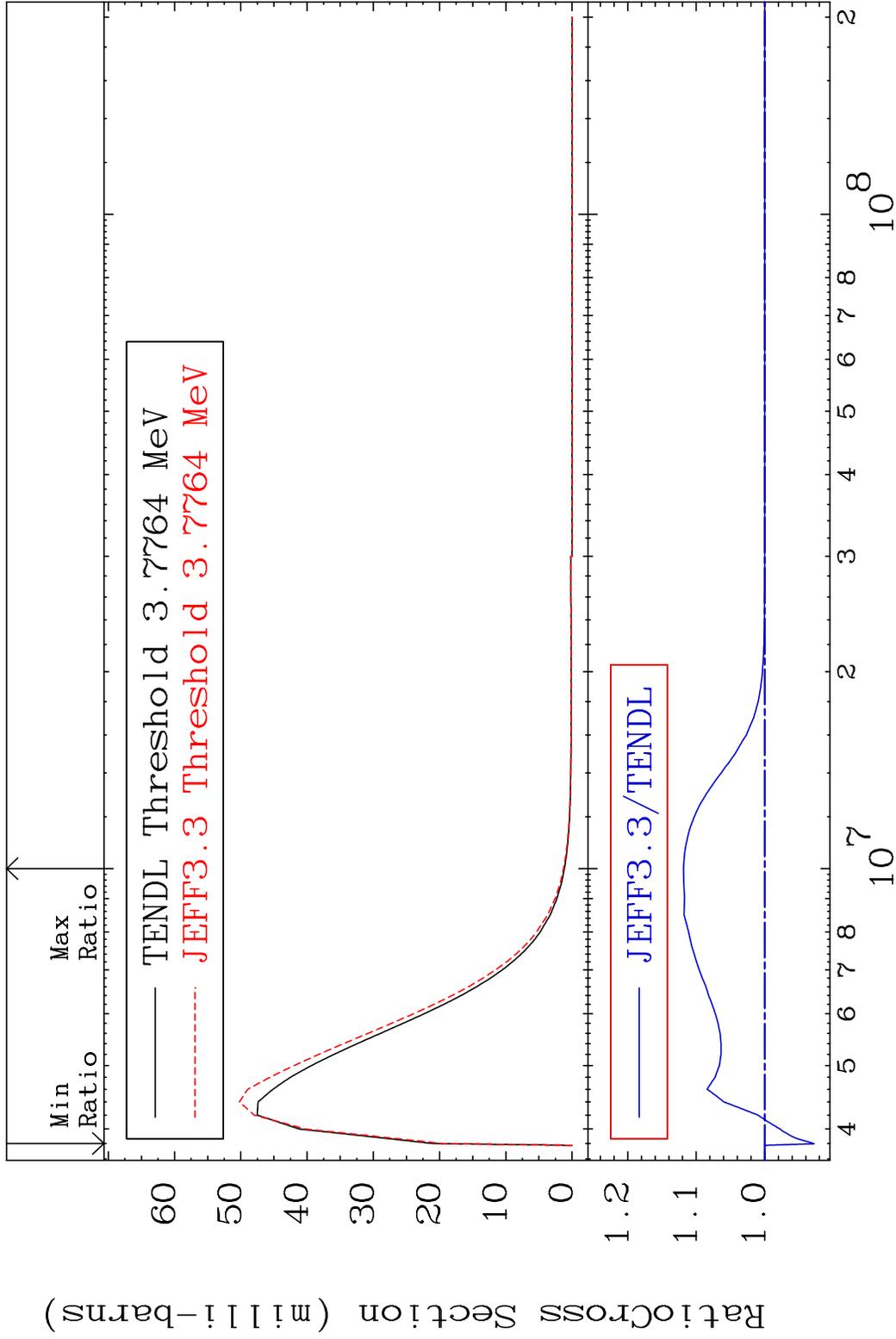


28 Incident Energy (eV) 20-Ca-44

MAT 2037 MT= 62 (n, n') Level 20-Ca-44
 Cross Section -100.0 To 43.93 %

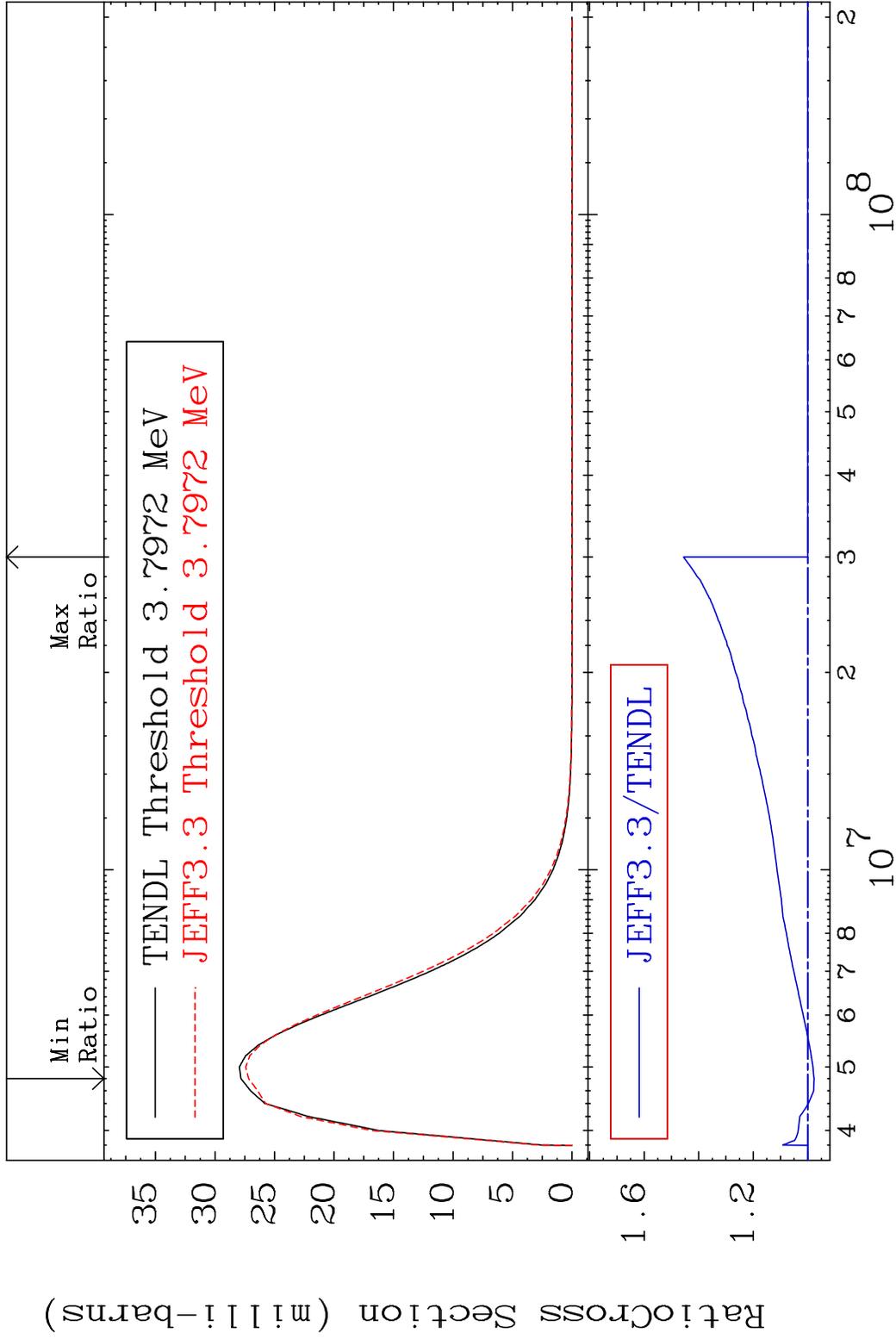


MAT 2037 MT= 63 (n, n') Level 20-Ca-44
 Cross Section -7.211 To 11.85 %



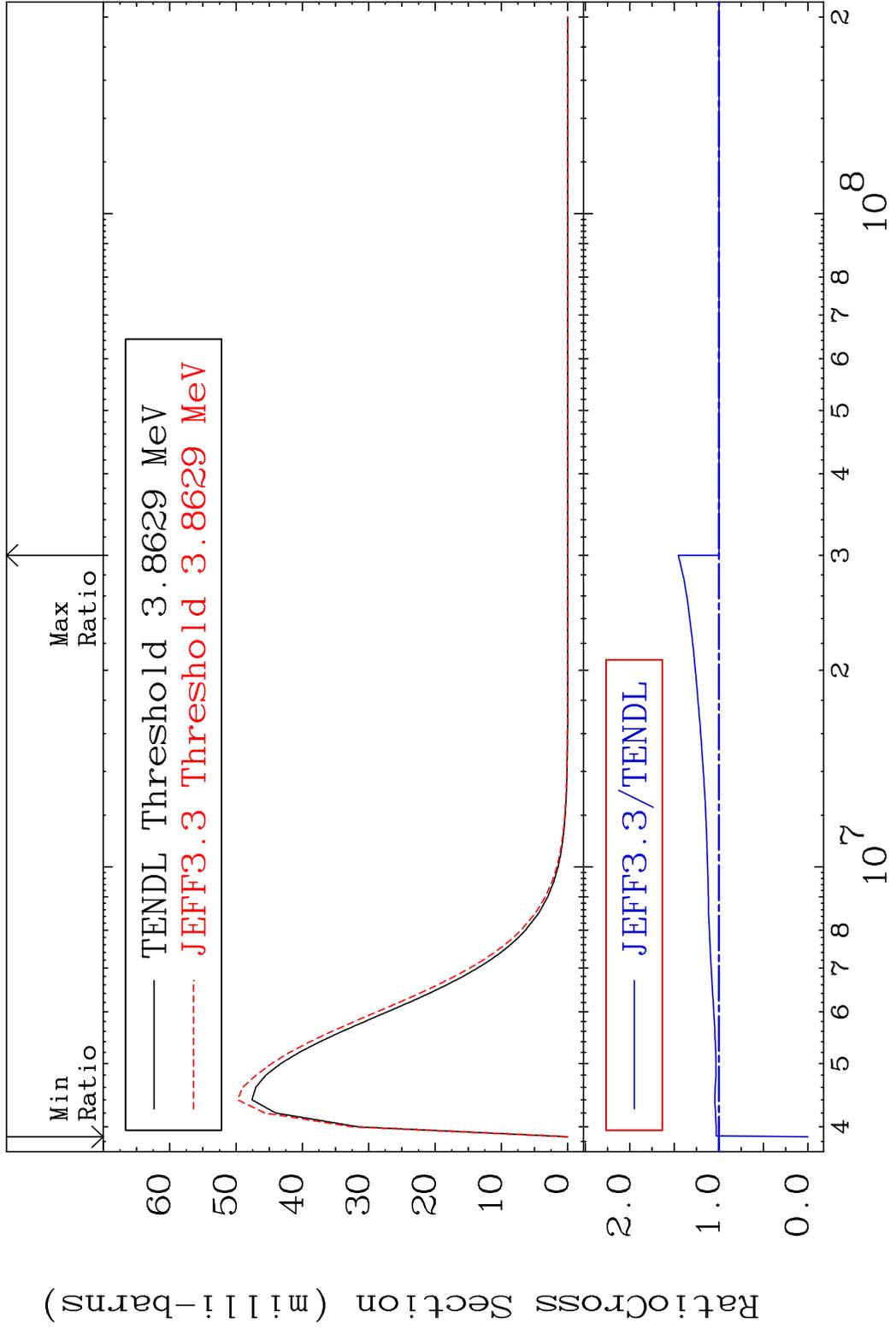
30 Incident Energy (eV) 20-Ca-44

MAT 2037 MT= 64 (n, n') Level 20-Ca-44
 Cross Section -2.324 To 45.56 %



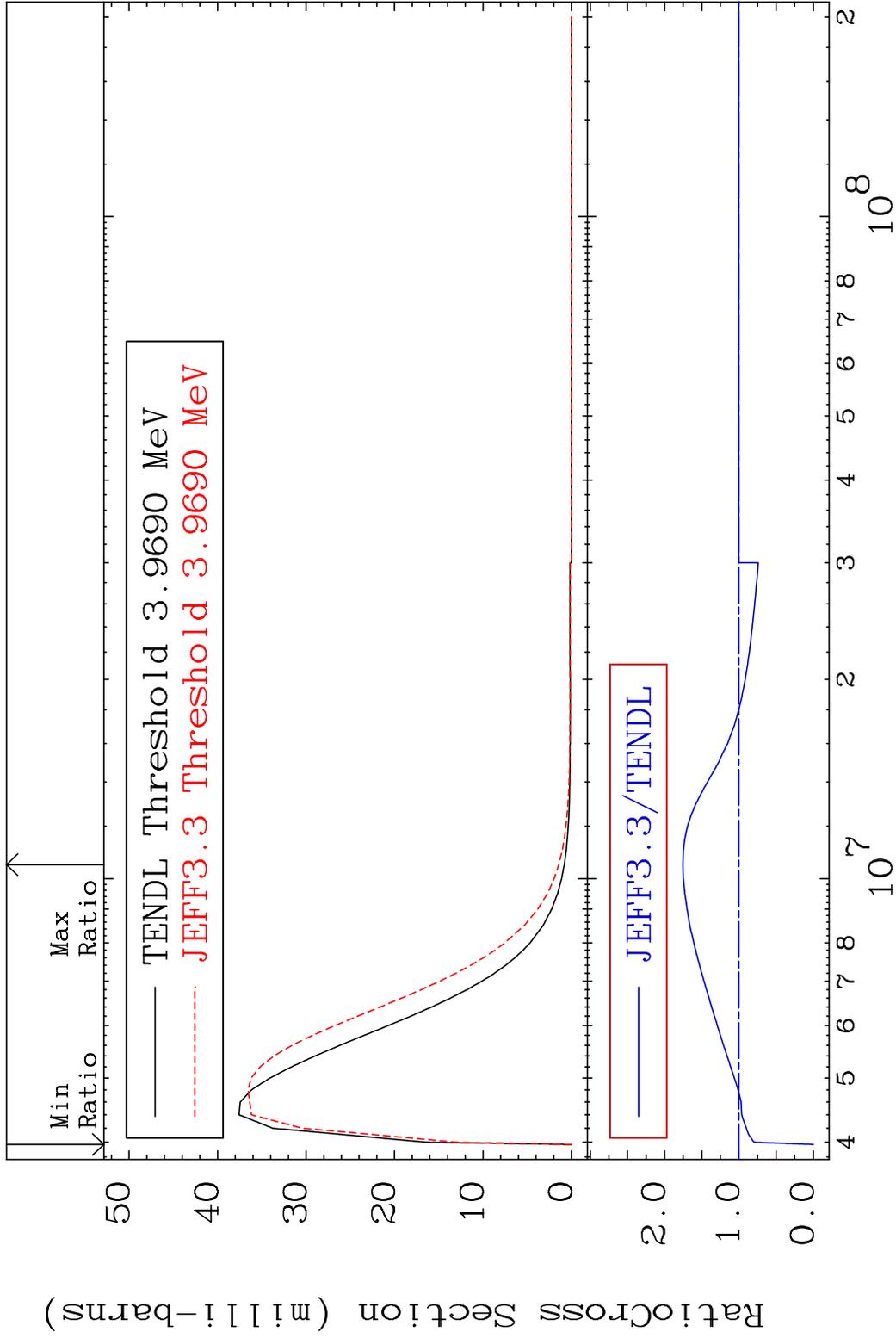
31 Incident Energy (eV) 20-Ca-44

MAT 2037 MT= 65 (n, n') Level 20-Ca-44
 Cross Section -100.0 To 45.56 %



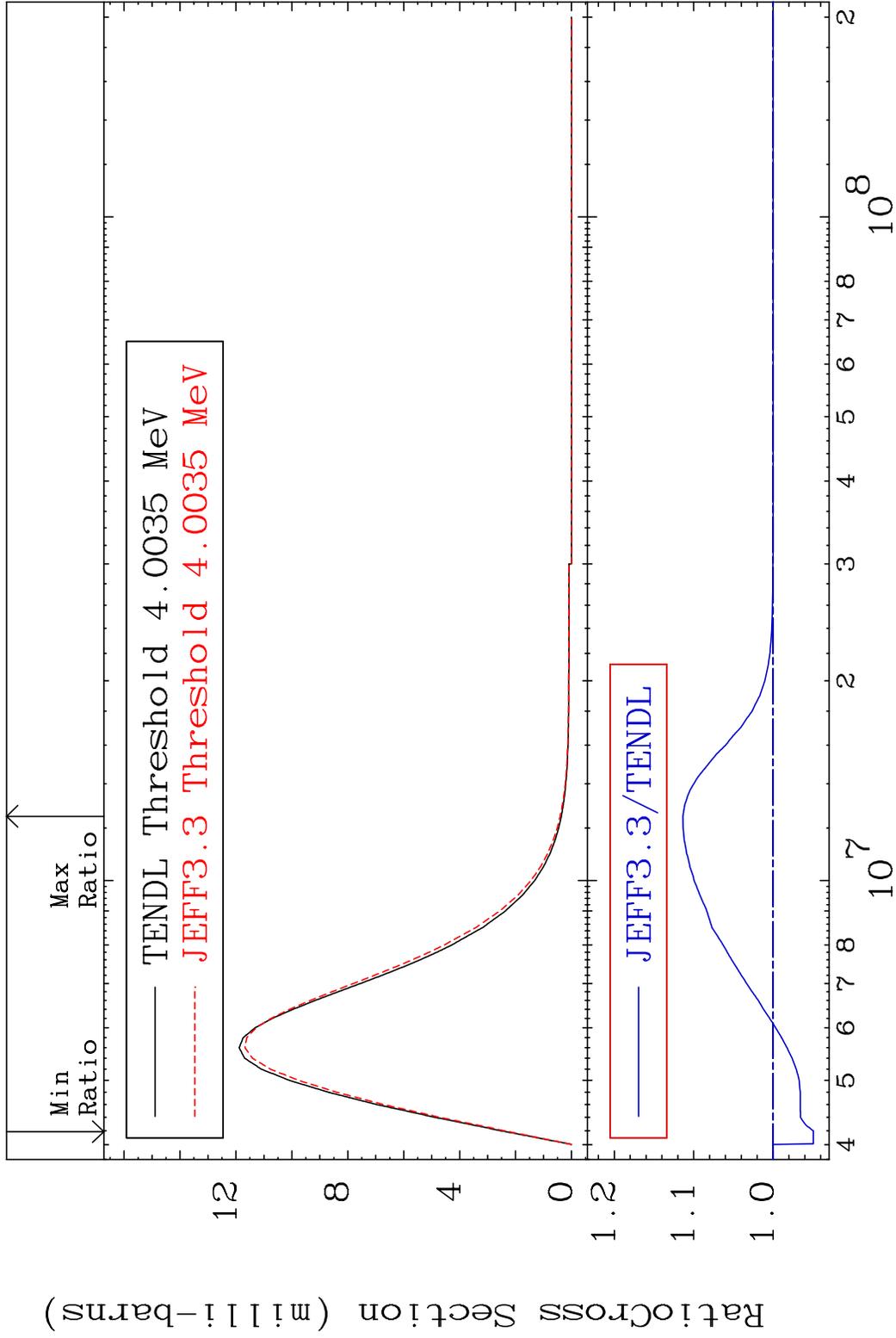
32 20-Ca-44

MAT 2037 MT= 66 (n, n') Level 20-Ca-44
 Cross Section -100.0 To 75.50 %



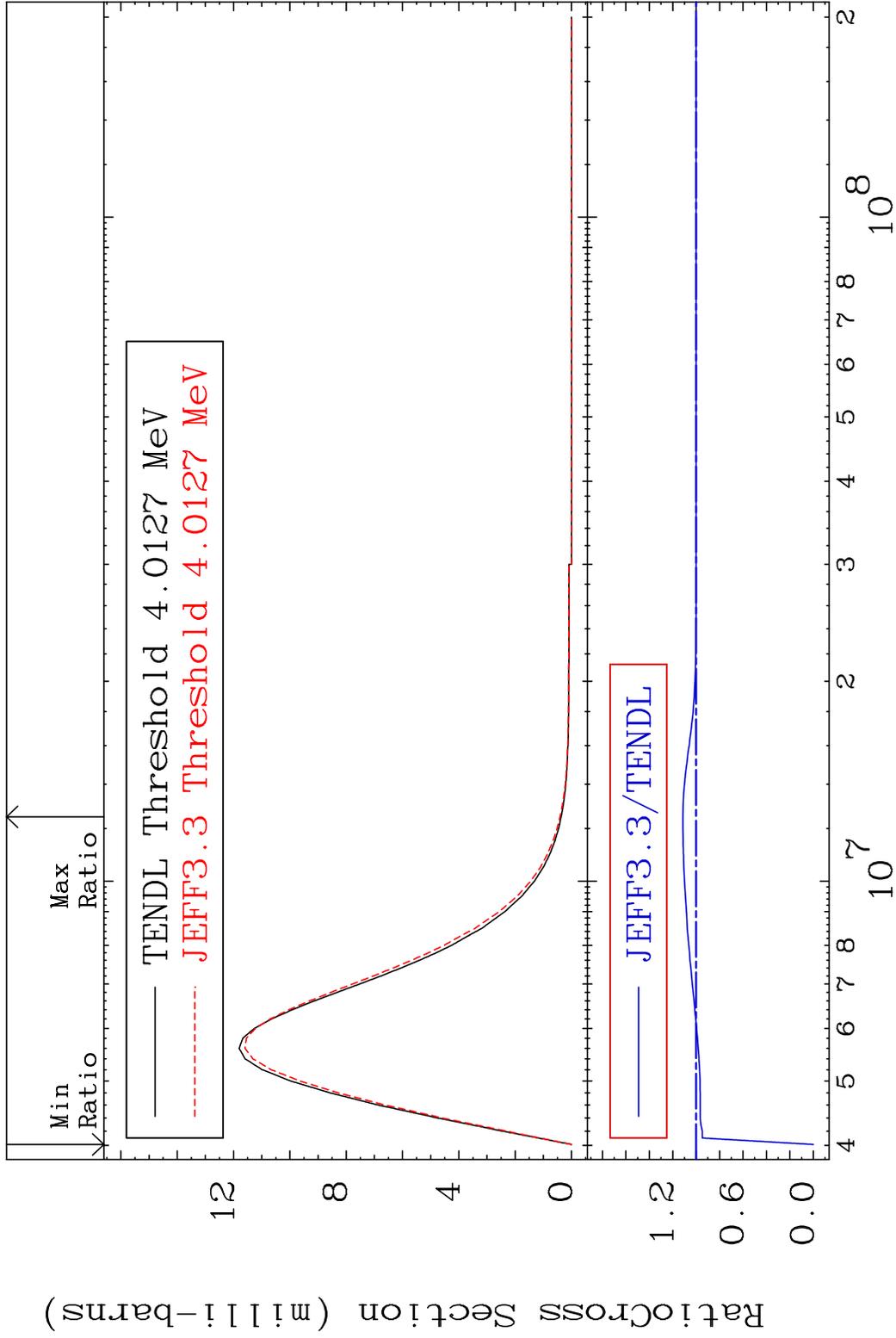
33 Incident Energy (eV) 20-Ca-44

MAT 2037 MT= 67 (n, n') Level 20-Ca-44
 Cross Section -5.072 To 11.36 %



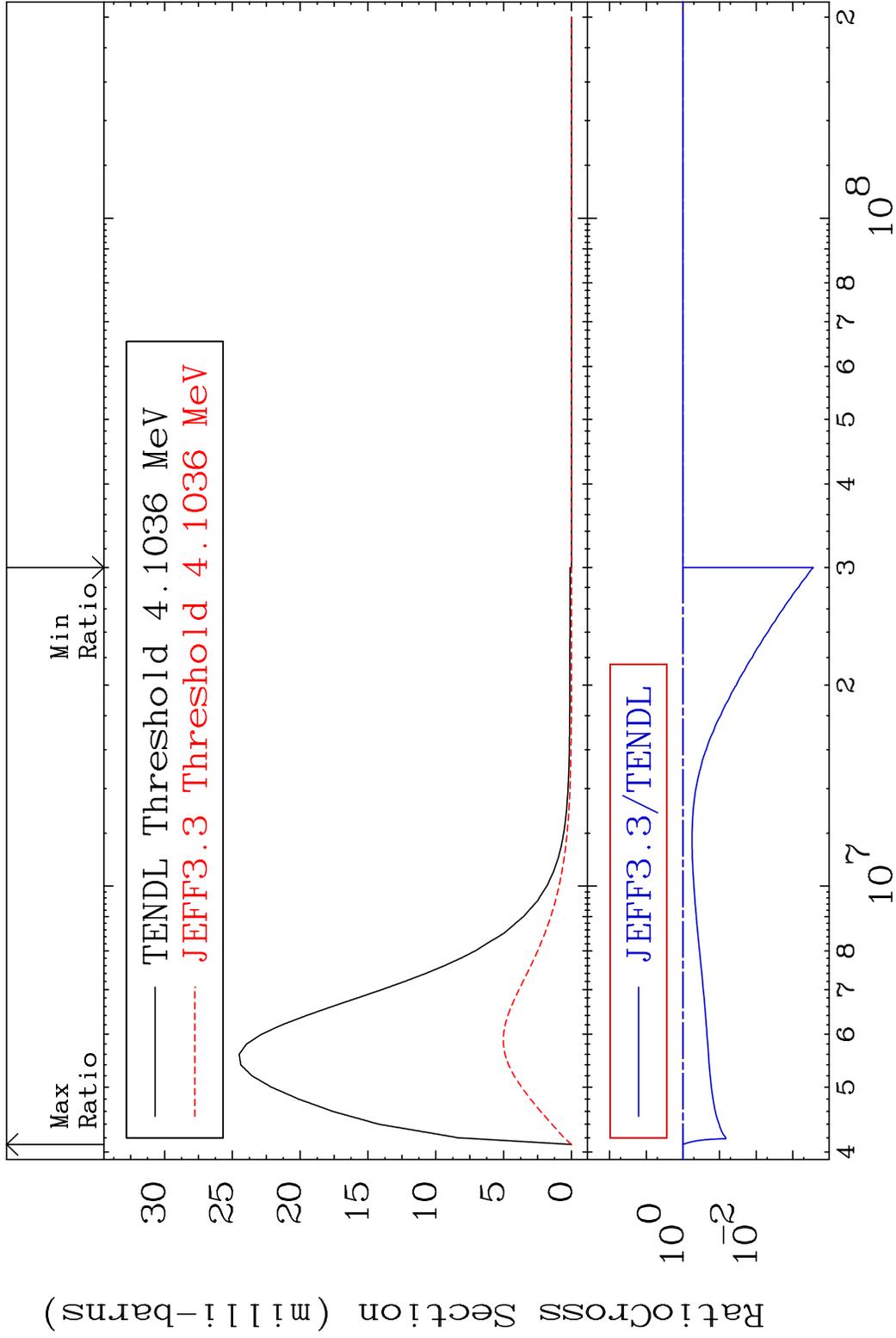
34 Incident Energy (eV) 20-Ca-44

MAT 2037 MT= 68 (n, n') Level 20-Ca-44
 Cross Section -100.0 To 11.36 %



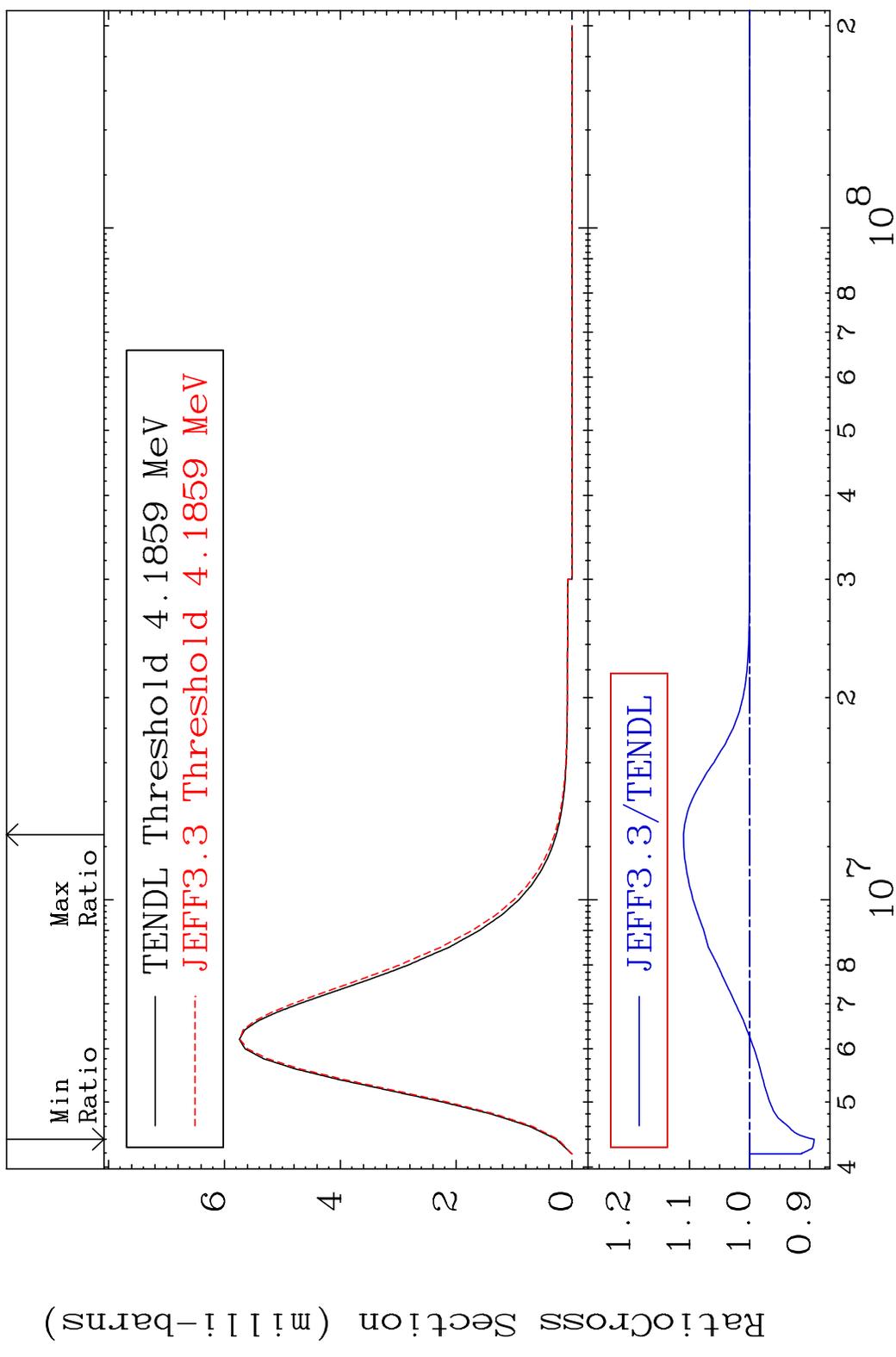
35 20-Ca-44

MAT 2037 MT= 69 (n, n') Level 20-Ca-44
 Cross Section -99.97 To 0.000 %

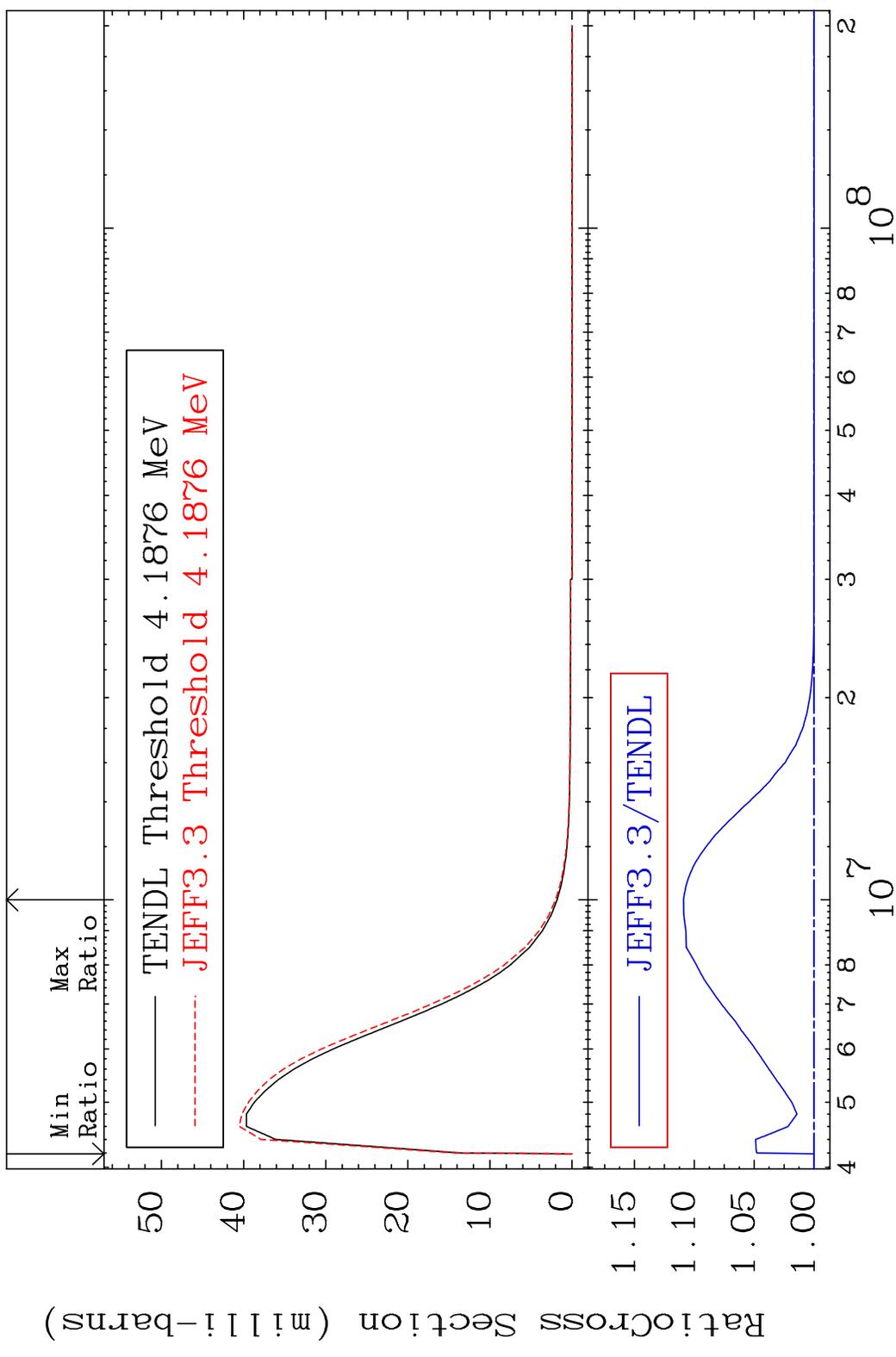


36 Incident Energy (eV) 20-Ca-44

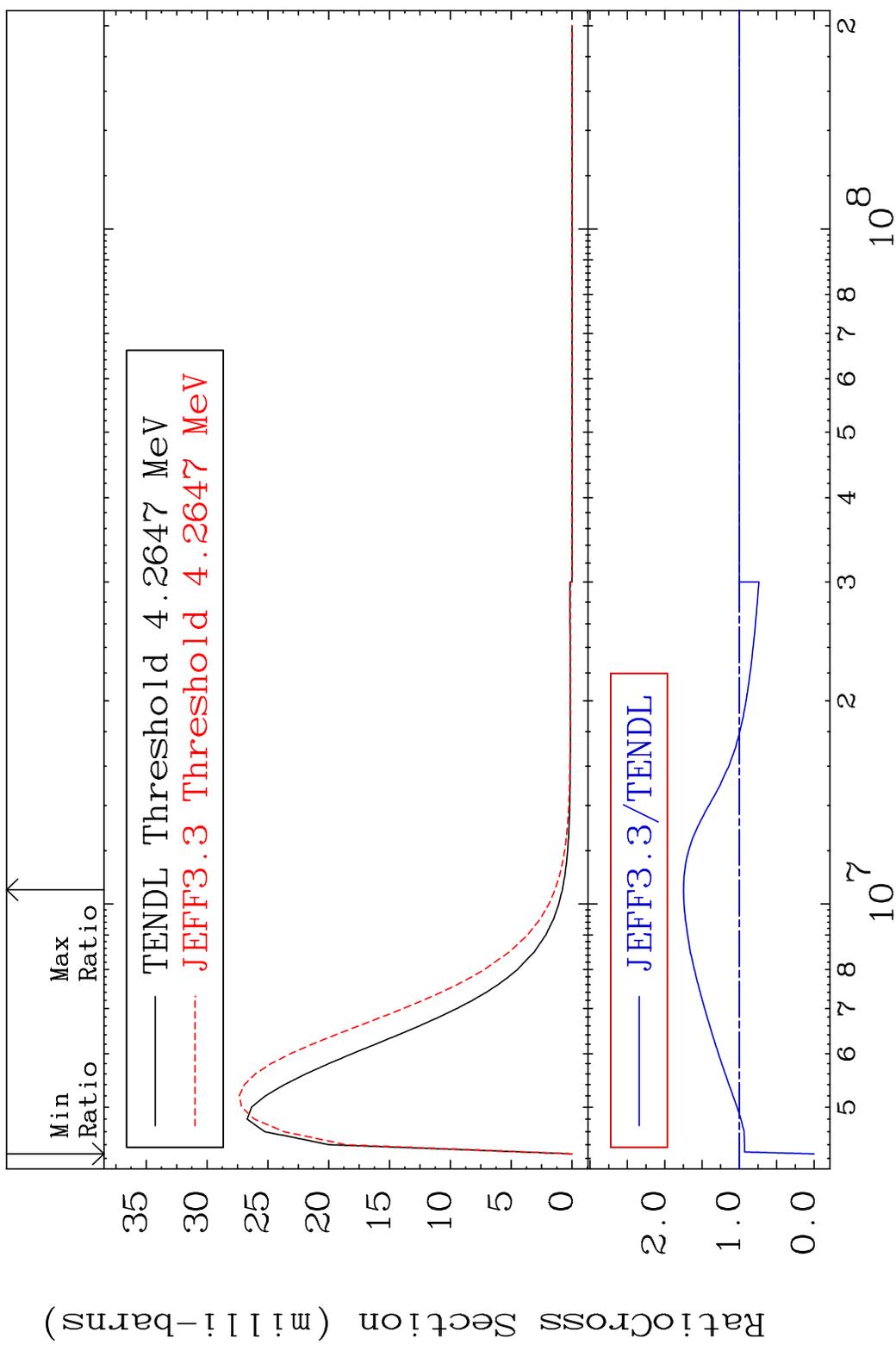
MAT 2037 MT= 70 (n, n') Level 20-Ca-44
 Cross Section -10.70 To 11.00 %



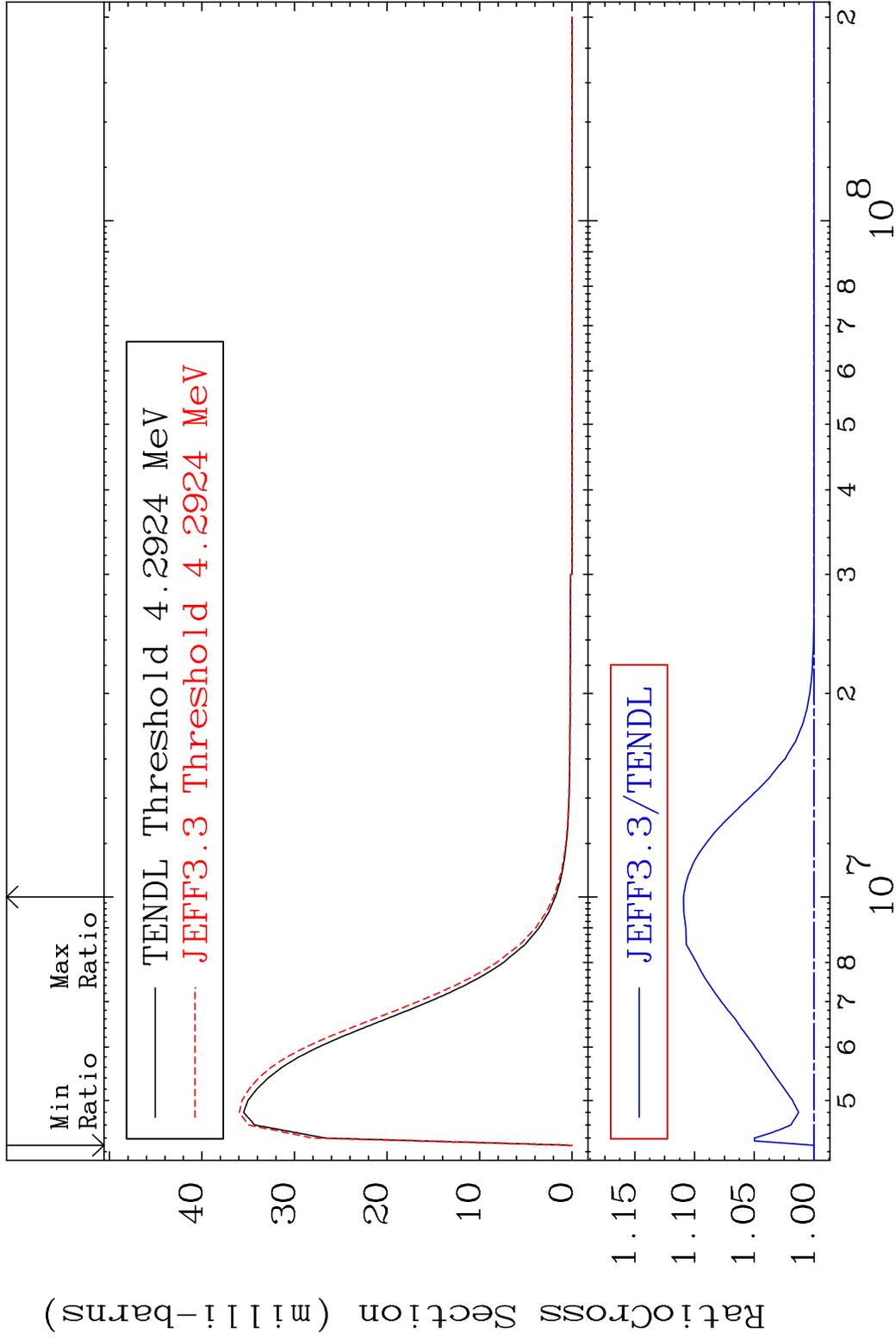
MAT 2037 MT= 71 (n, n') Level 20-Ca-44
 Cross Section 0.000 To 10.90 %



MAT 2037 MT= 72 (n, n') Level 20-Ca-44
 Cross Section -100.0 To 74.79 %

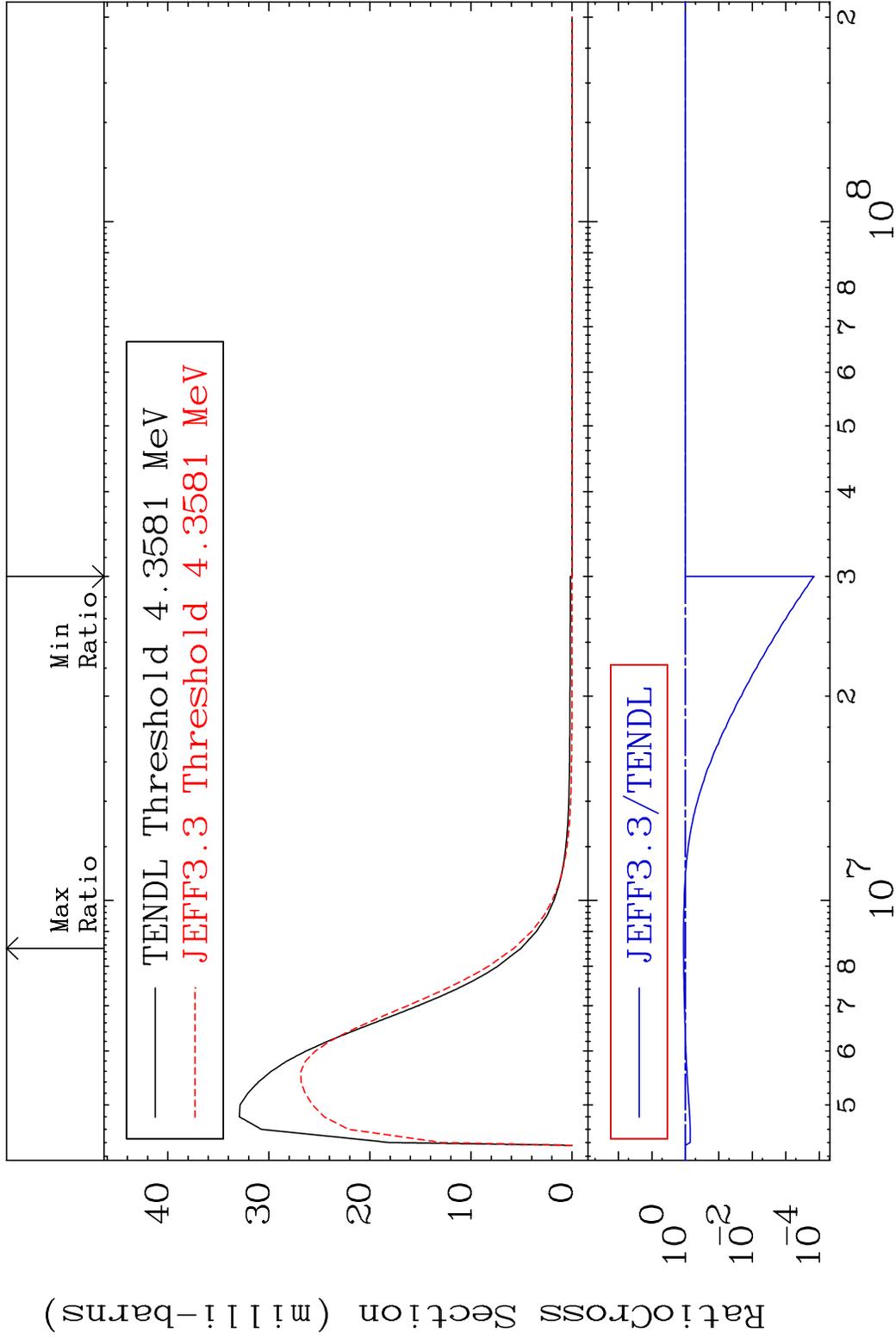


MAT 2037 MT= 73 (n, n') Level 20-Ca-44
 Cross Section 0.000 To 10.92 %



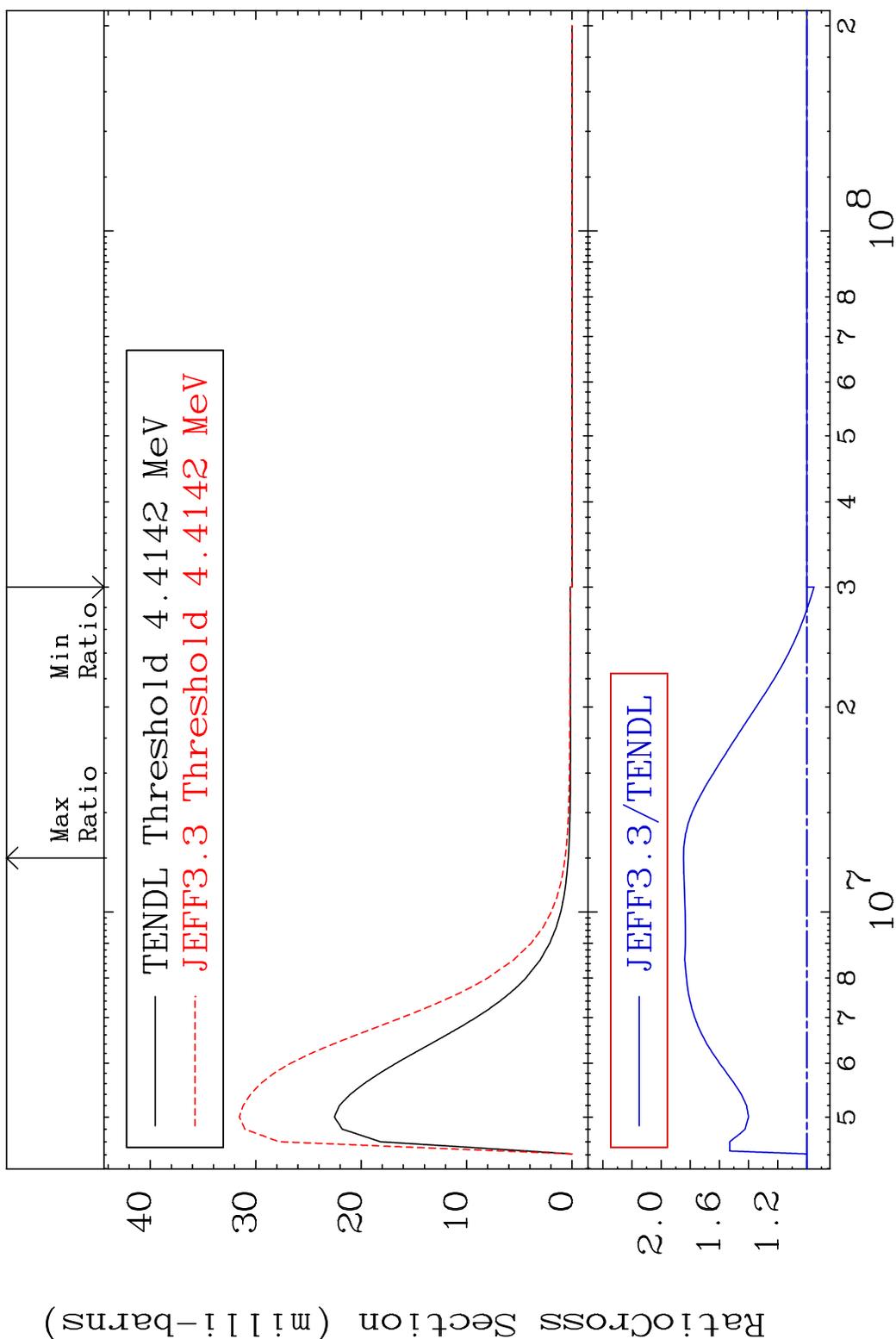
40 Incident Energy (eV) 20-Ca-44

MAT 2037 MT= 74 (n, n') Level 20-Ca-44
 Cross Section -99.99 To 13.84 %



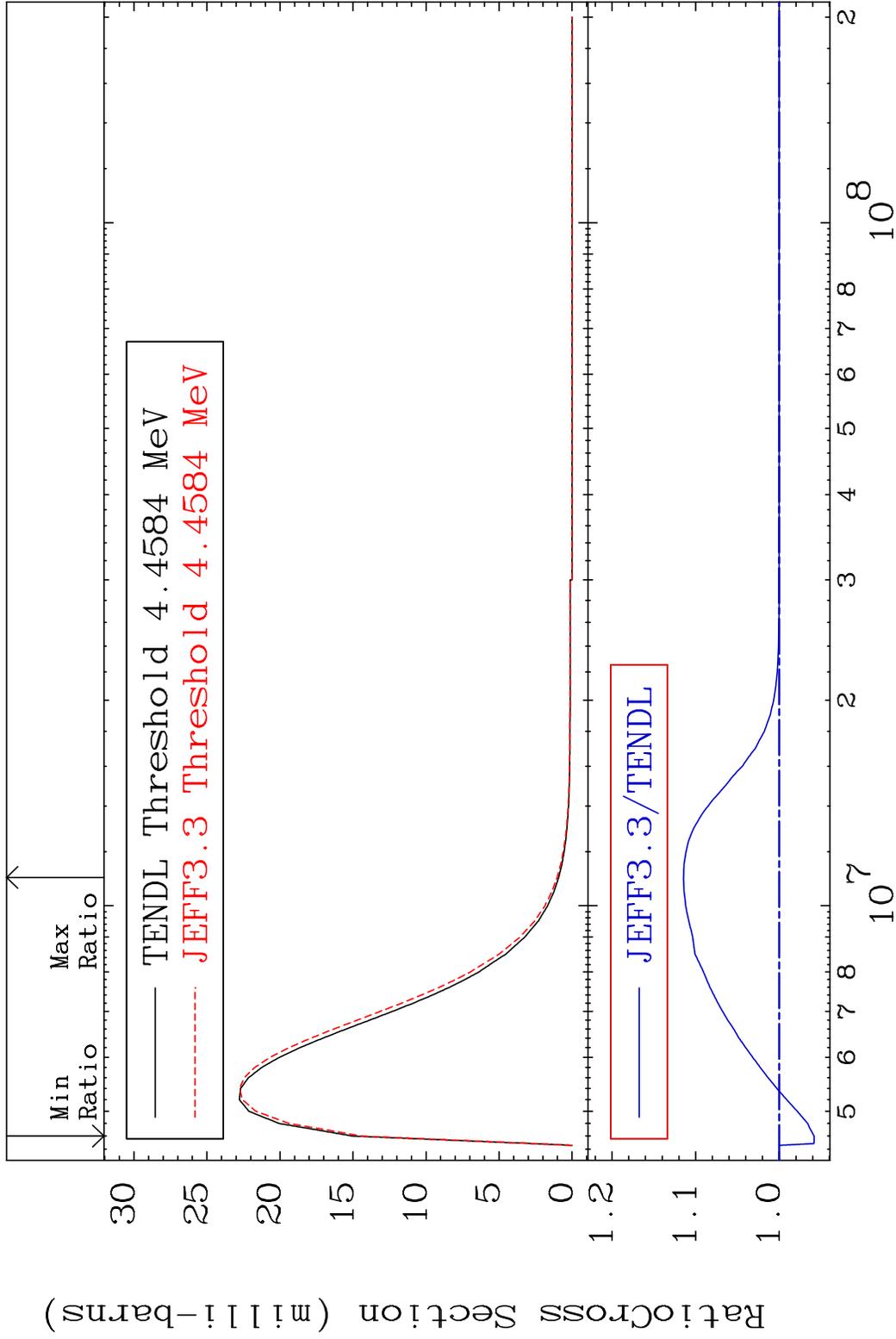
41 Incident Energy (eV) 20-Ca-44

MAT 2037 MT= 75 (n, n') Level 20-Ca-44
 Cross Section -4.968 To 84.62 %



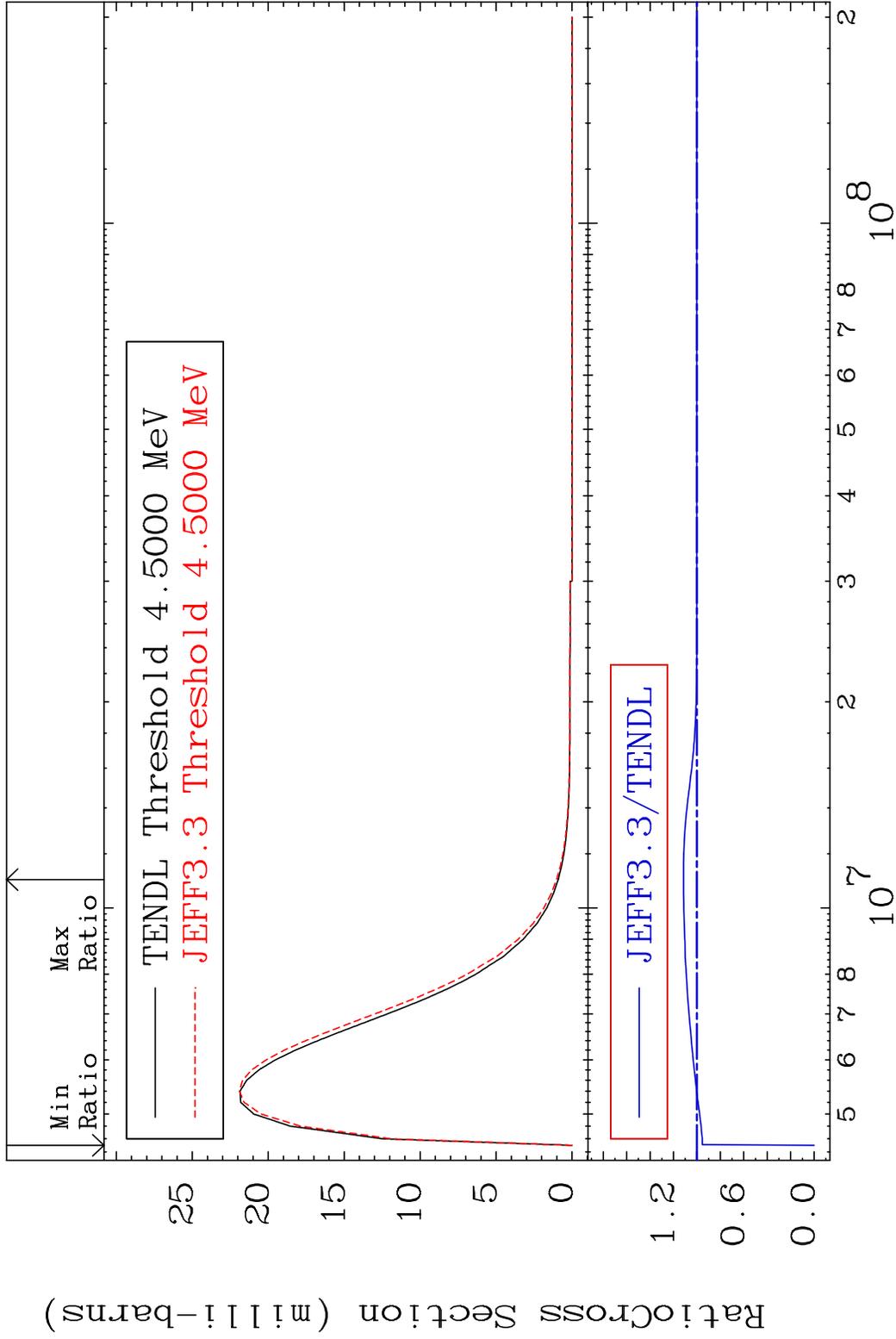
42 20-Ca-44

MAT 2037 MT= 76 (n, n') Level 20-Ca-44
 Cross Section -4.167 To 11.45 %



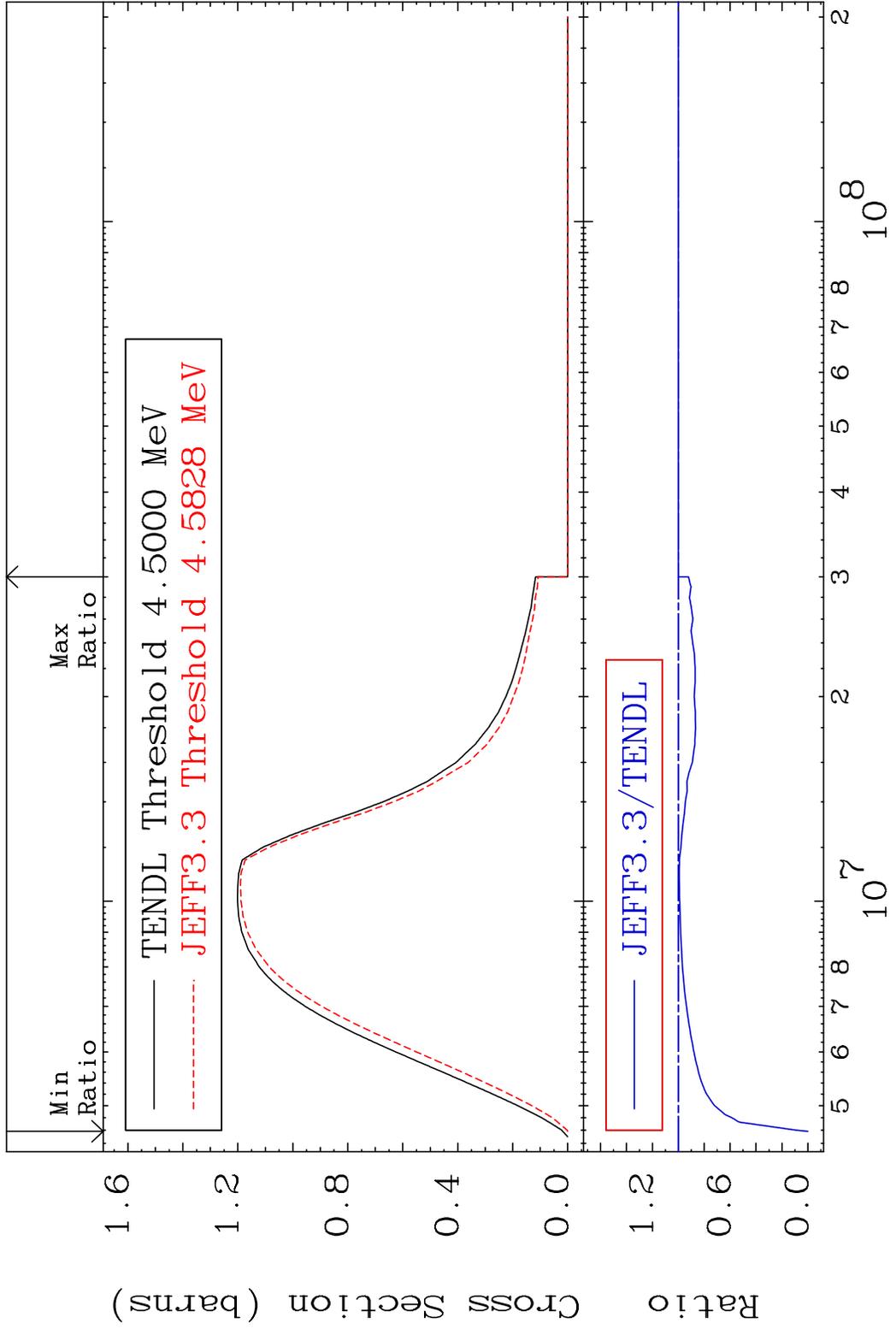
43 Incident Energy (eV) 20-Ca-44

MAT 2037 MT= 77 (n, n') Level 20-Ca-44
 Cross Section -100.0 To 11.44 %



44 Incident Energy (eV) 20-Ca-44

MAT 2037 (n, n') Continuum 20-Ca-44
 Cross Section -100.0 To 0.000 %



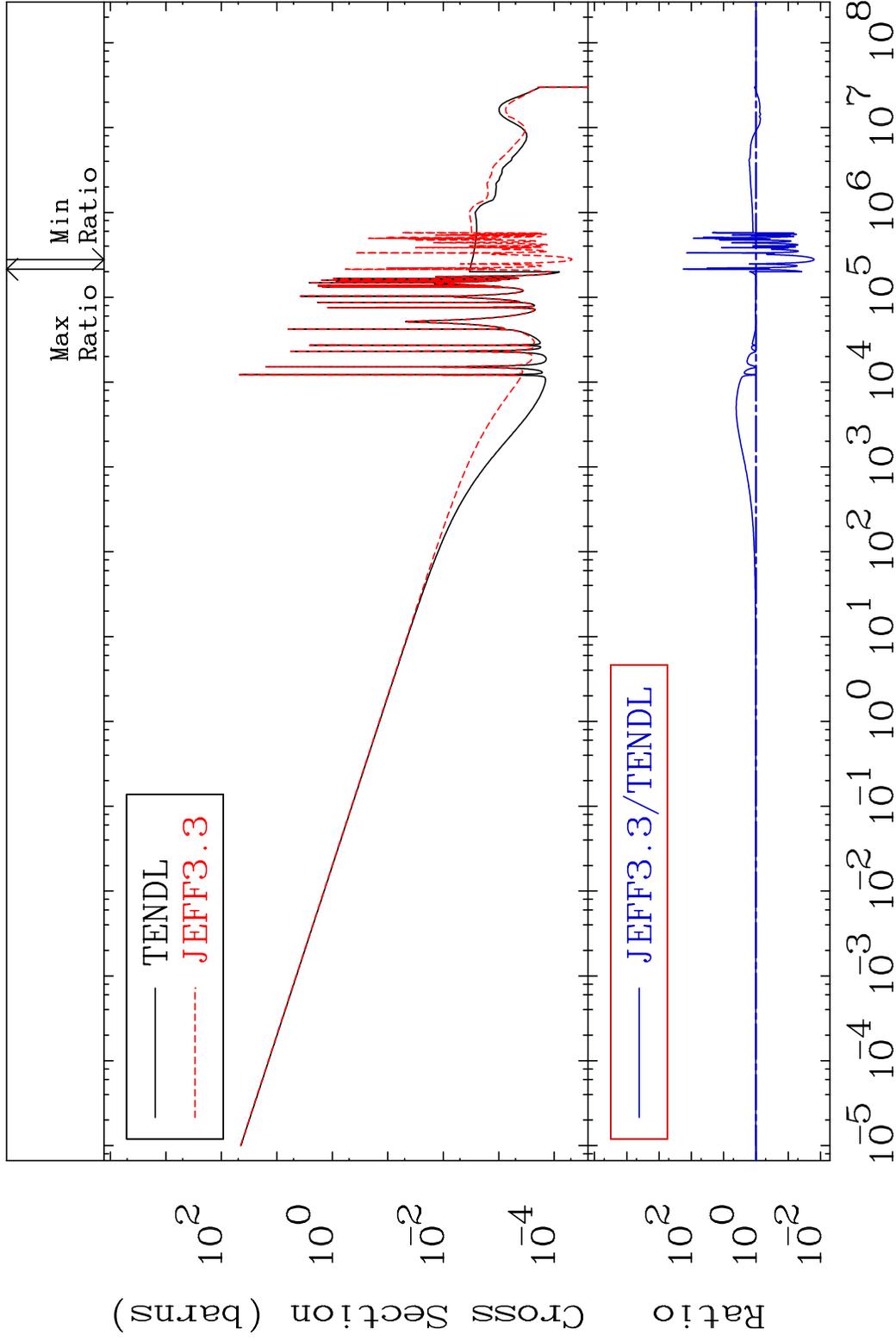
45 Incident Energy (eV) 20-Ca-44

MAT 2037

(n, γ)

20-Ca-44

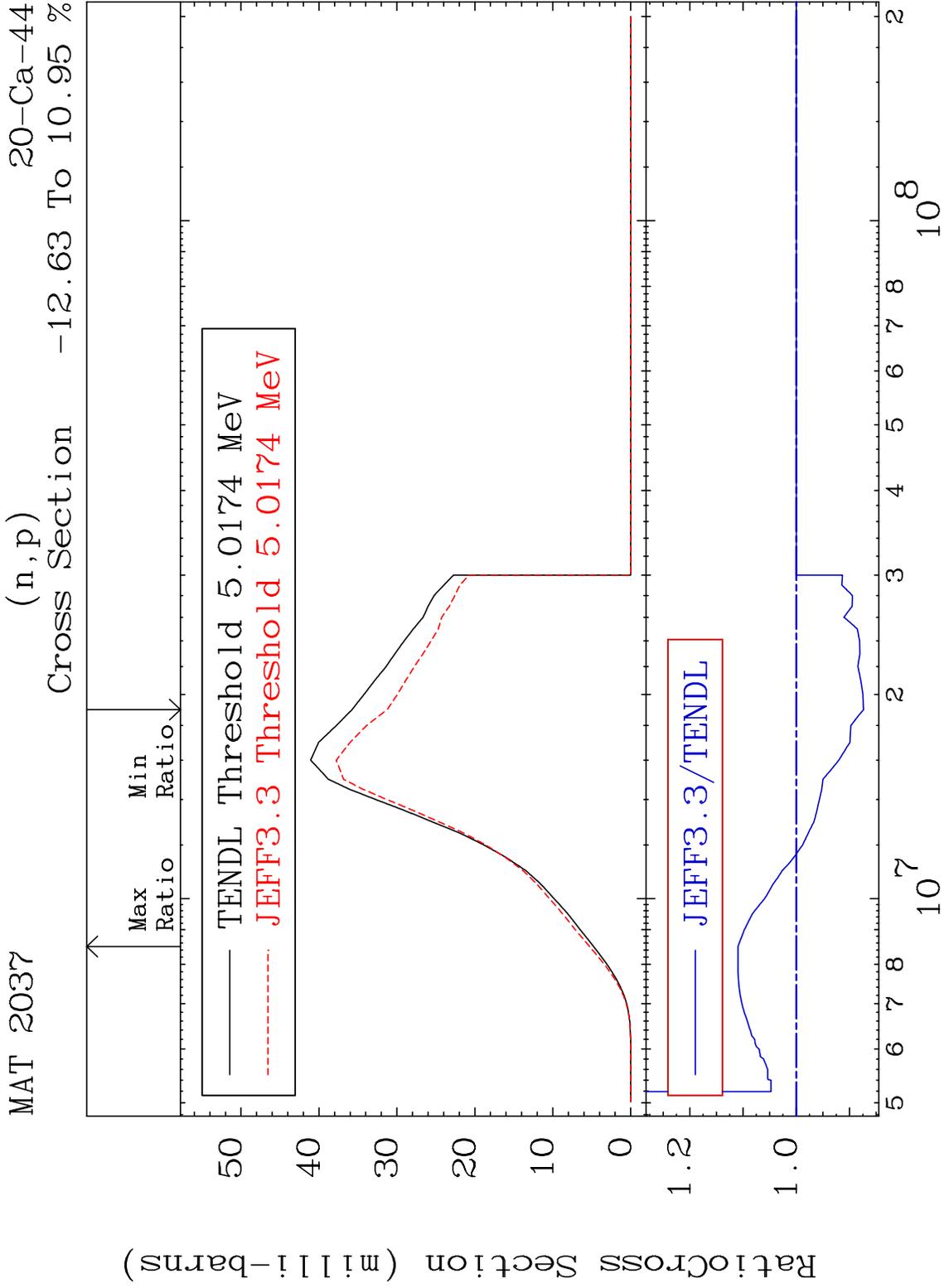
Cross Section -98.41 To 9999. %



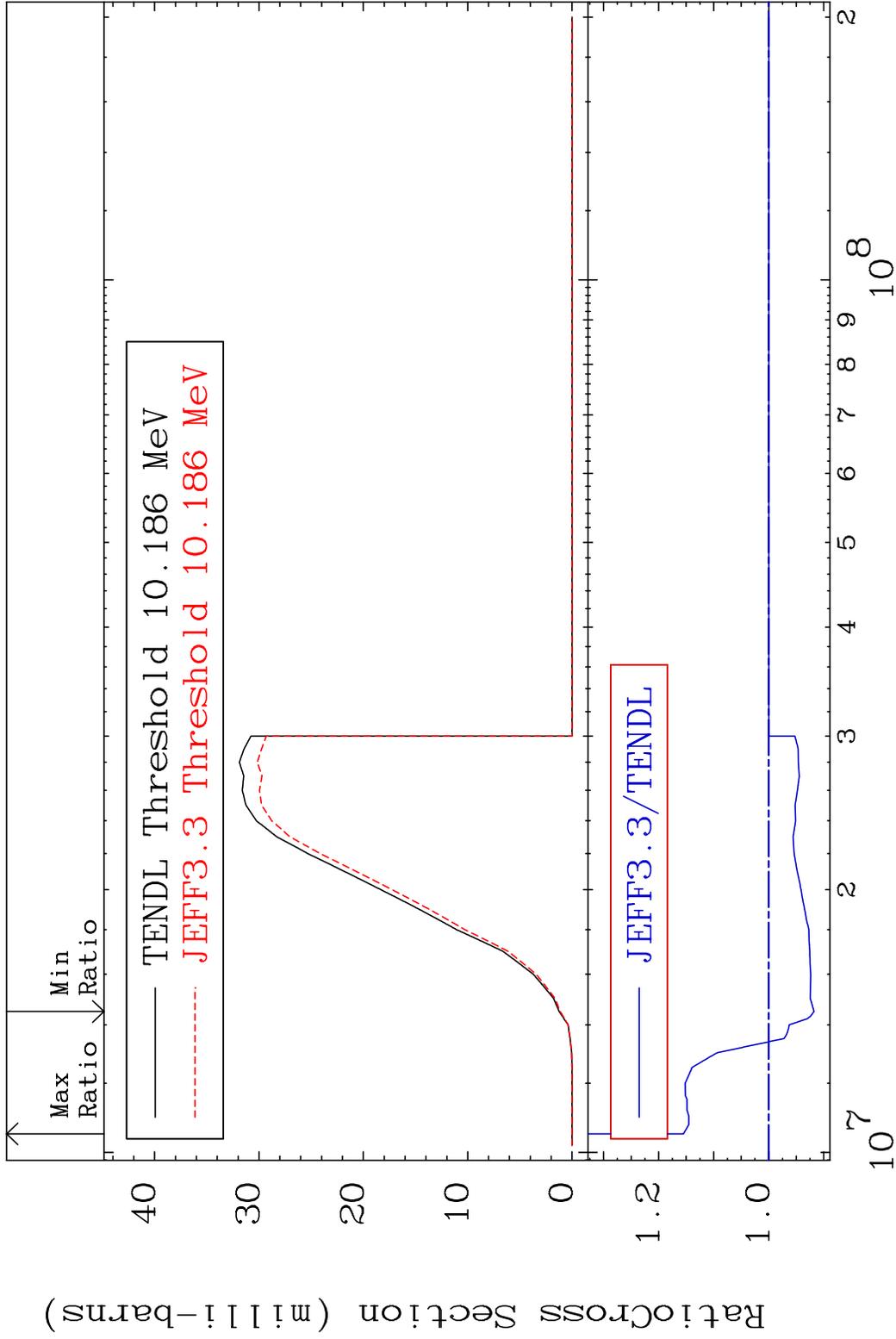
46

Incident Energy (eV)

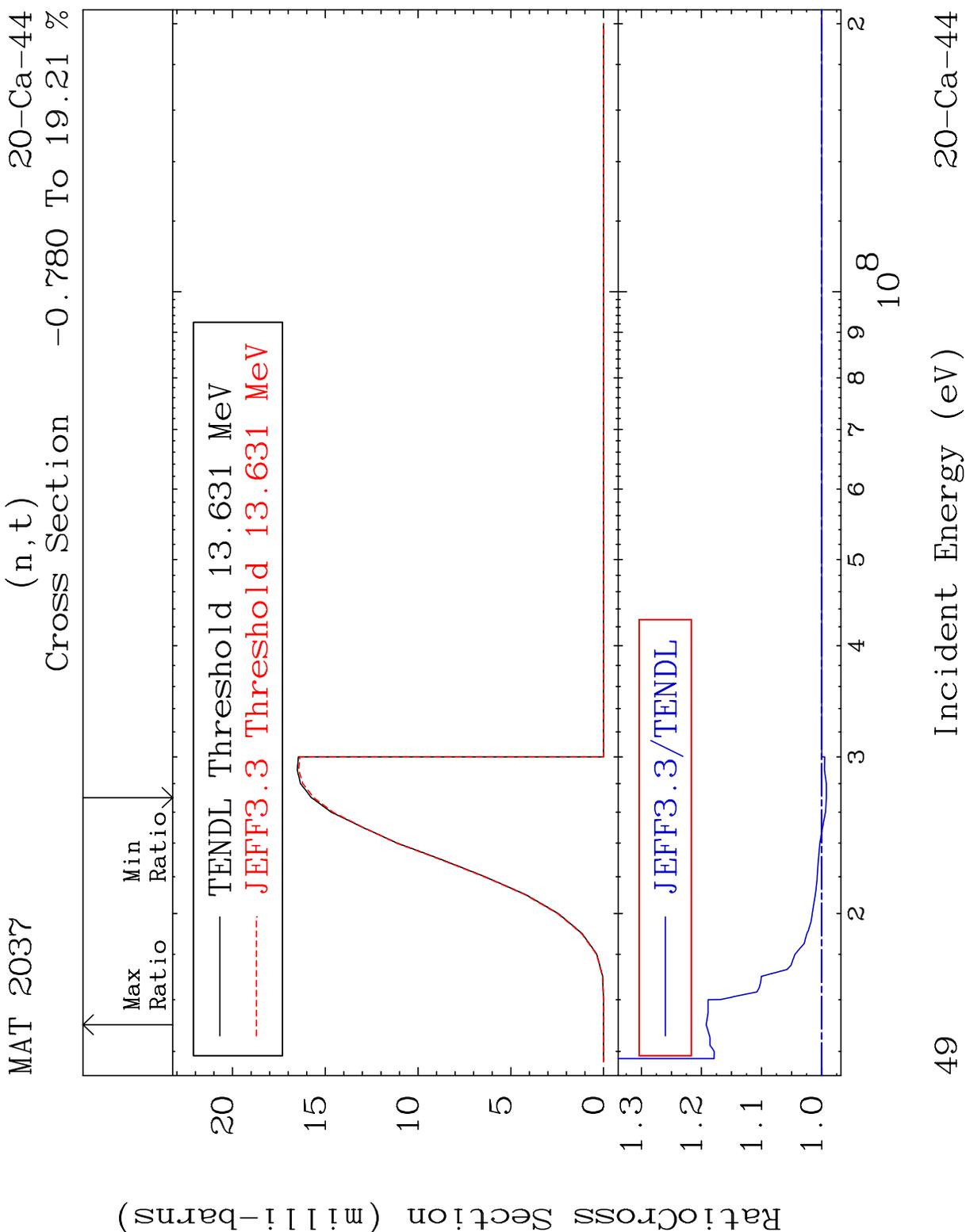
20-Ca-44



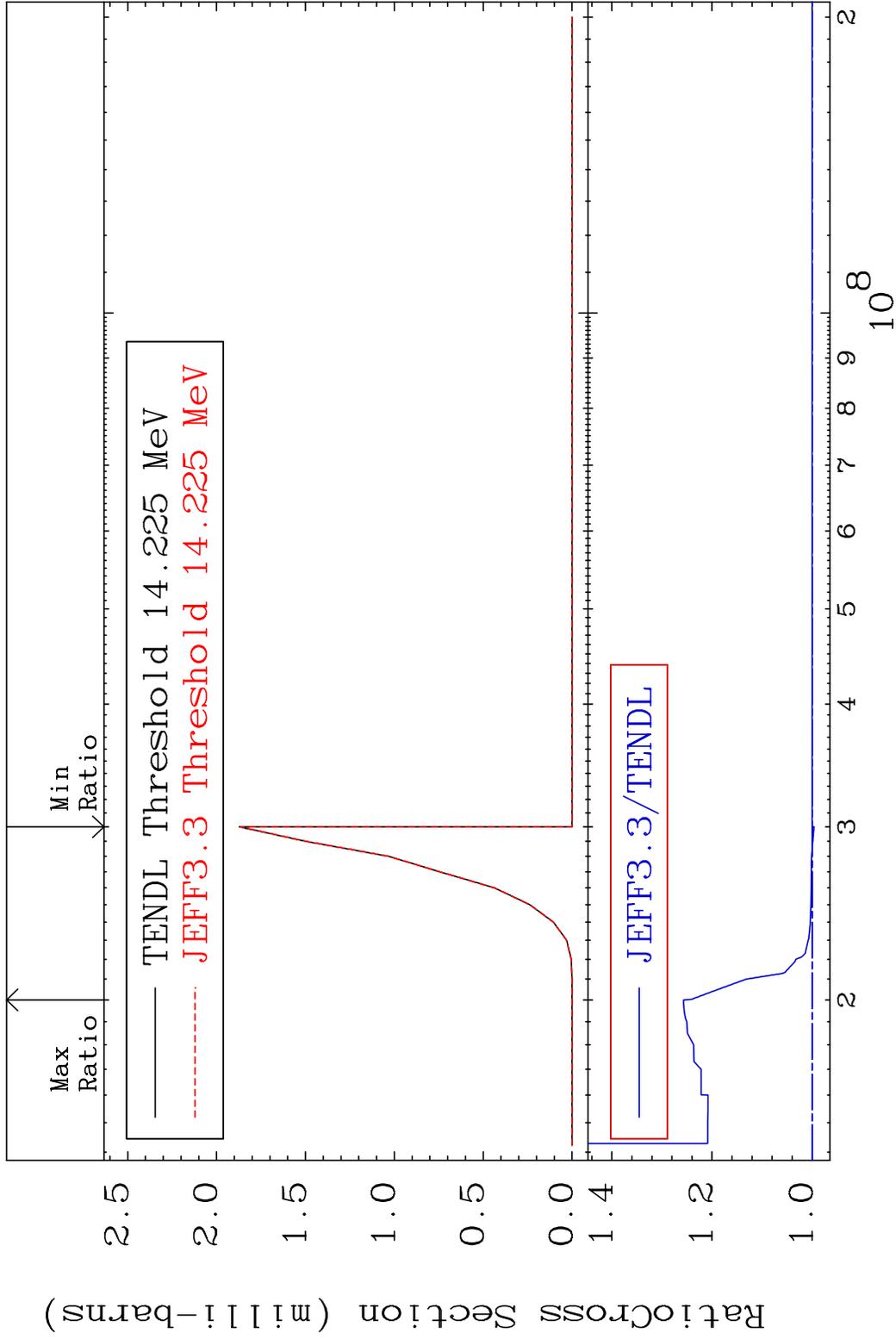
MAT 2037 (n, d) 20-Ca-44
 Cross Section -8.236 To 15.48 %



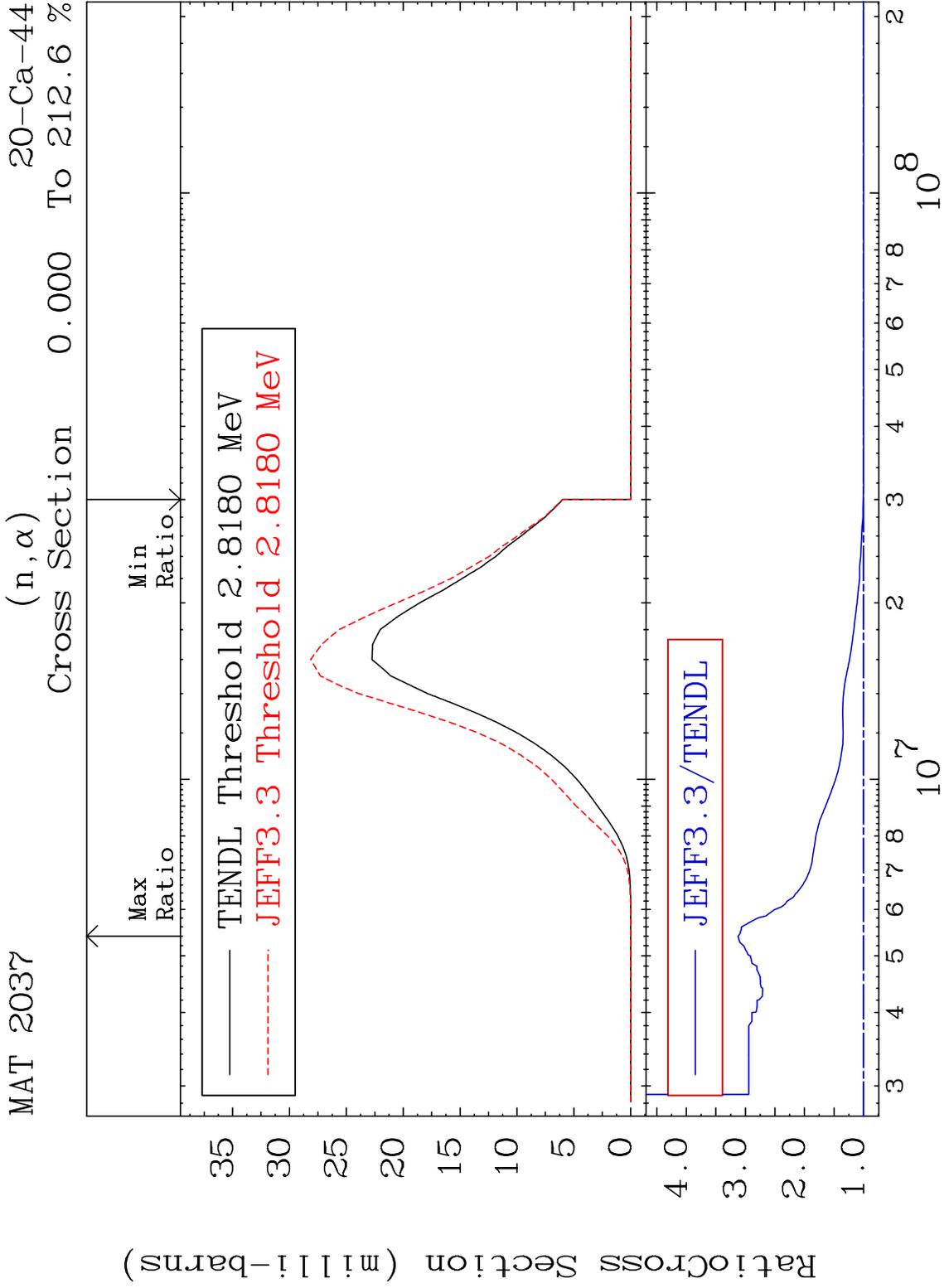
48 20-Ca-44

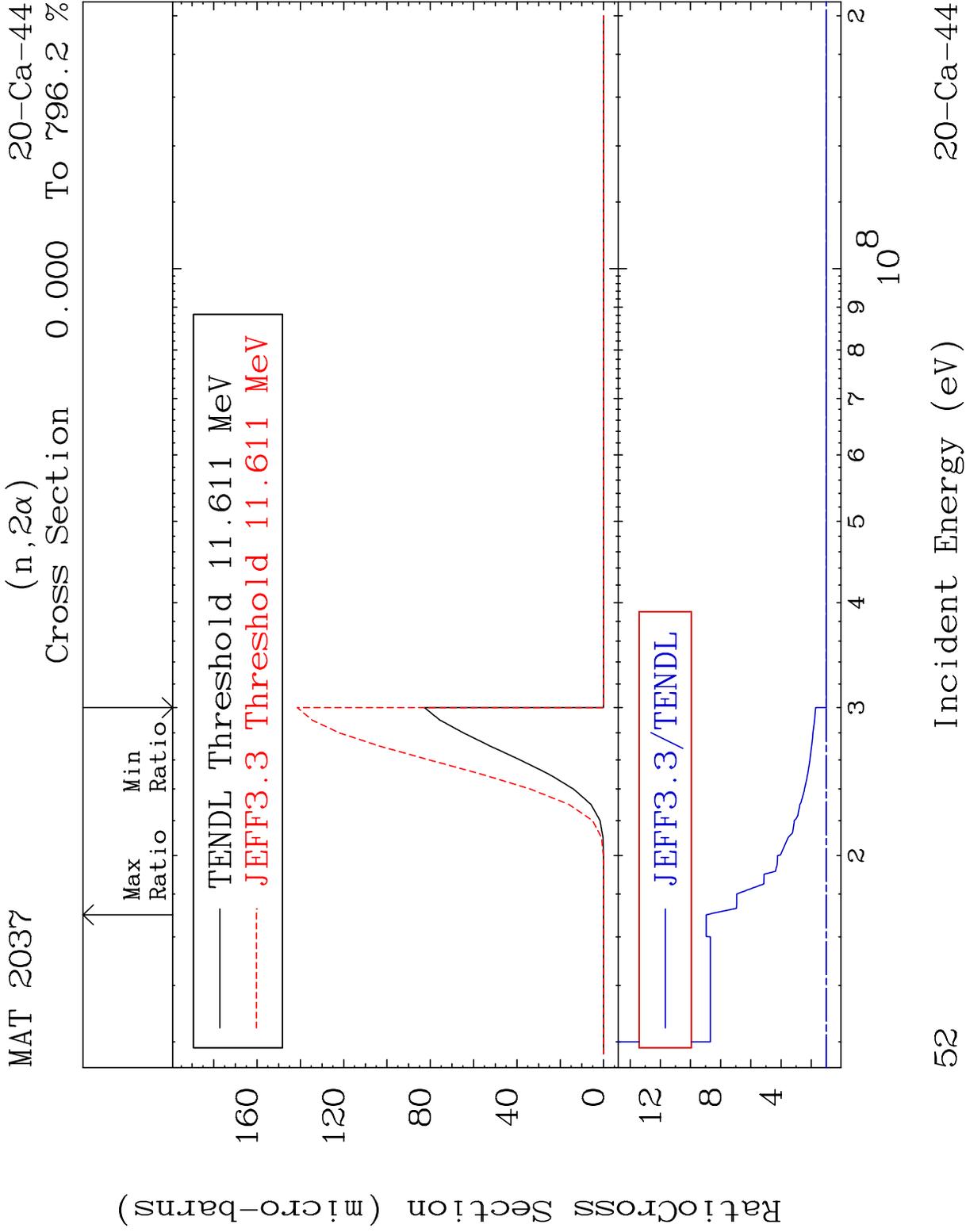


MAT 2037 (n, He-3) 20-Ca-44
 Cross Section -0.386 To 25.69 %

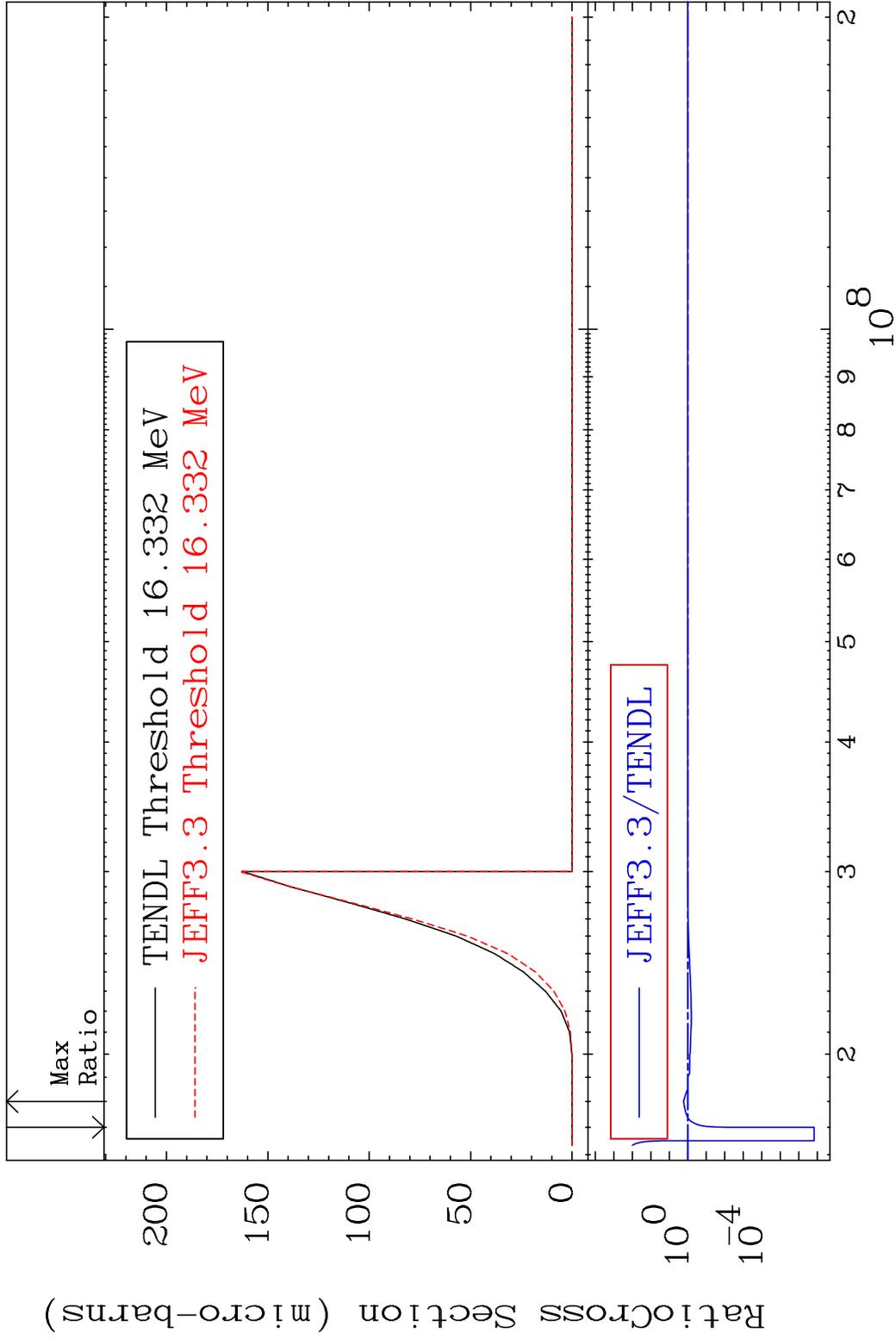


50 Incident Energy (eV) 20-Ca-44

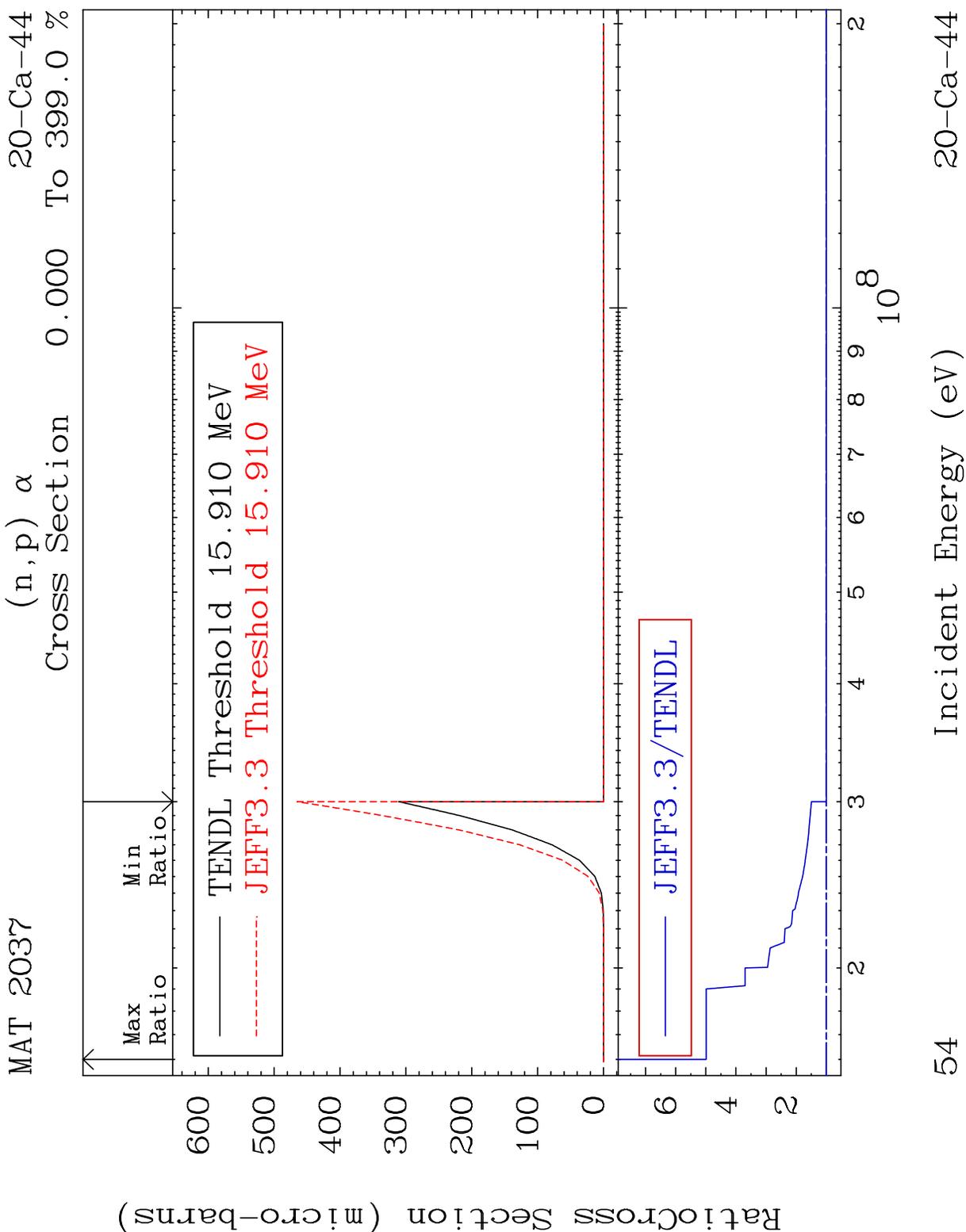


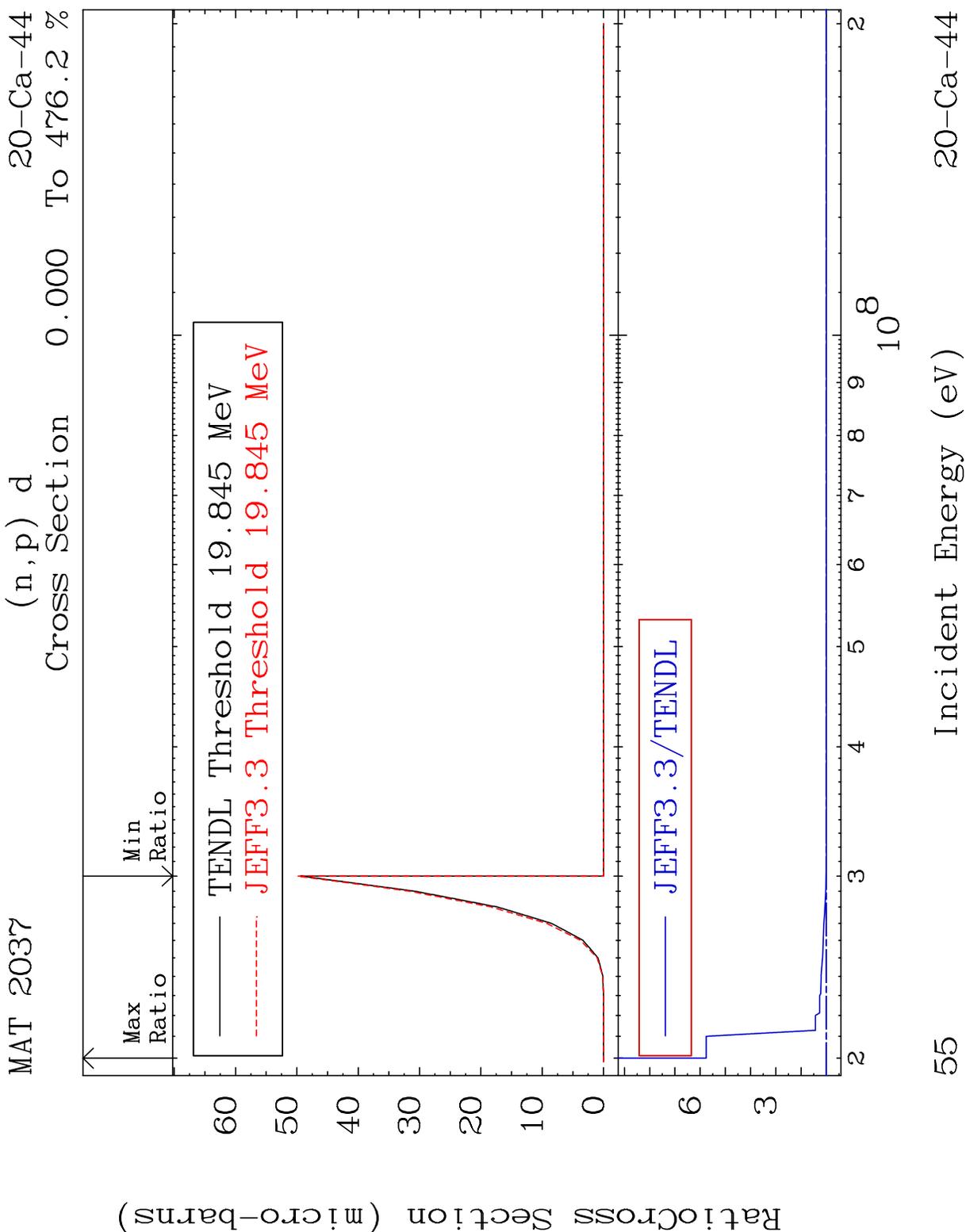


MAT 2037 (n,2p) 20-Ca-44
 Cross Section -100.0 To 69.95 %

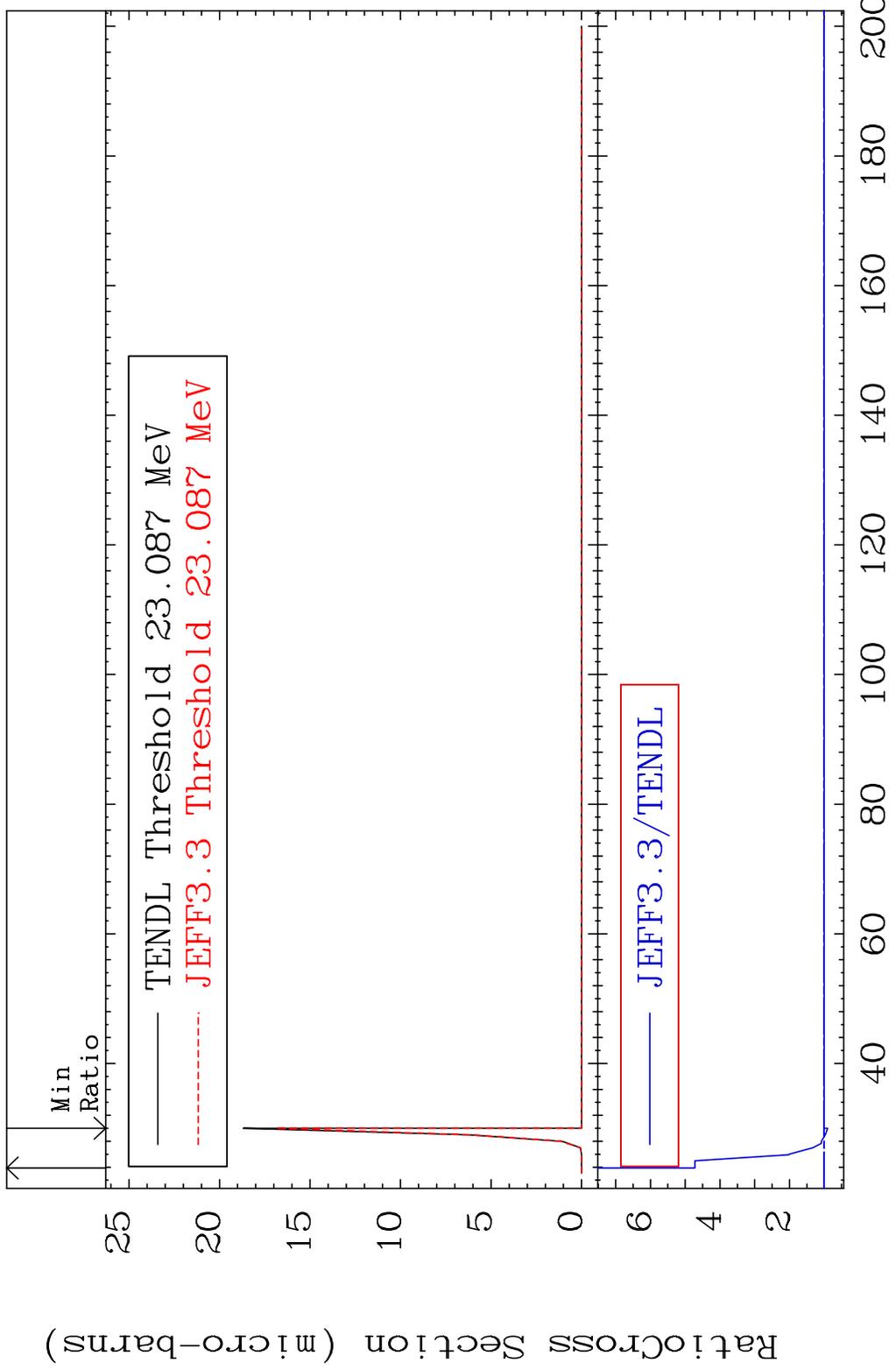


53 Incident Energy (eV) 20-Ca-44



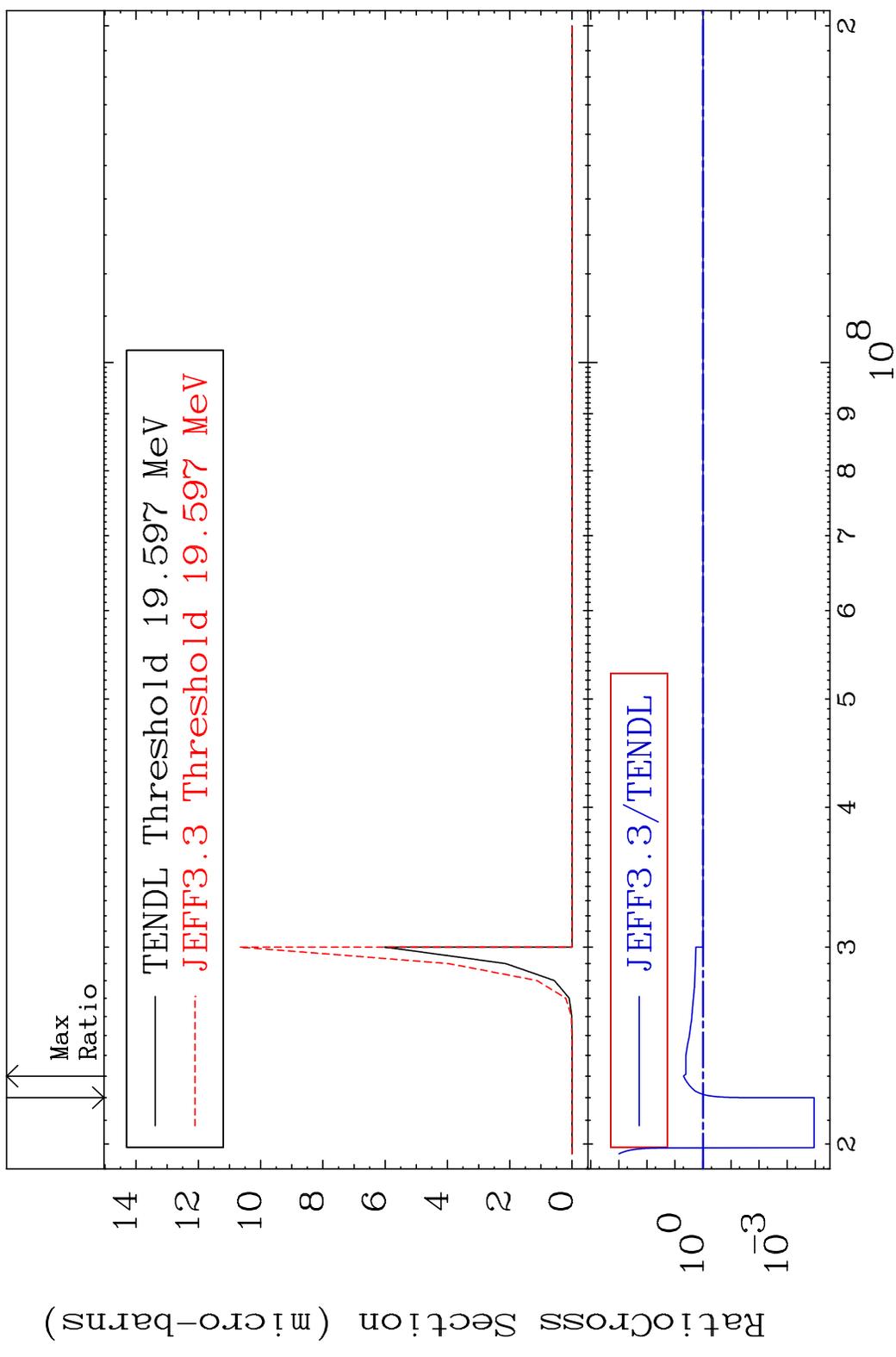


MAT 2037 (n,p) t 20-Ca-44
Cross Section -9.611 To 372.2 %



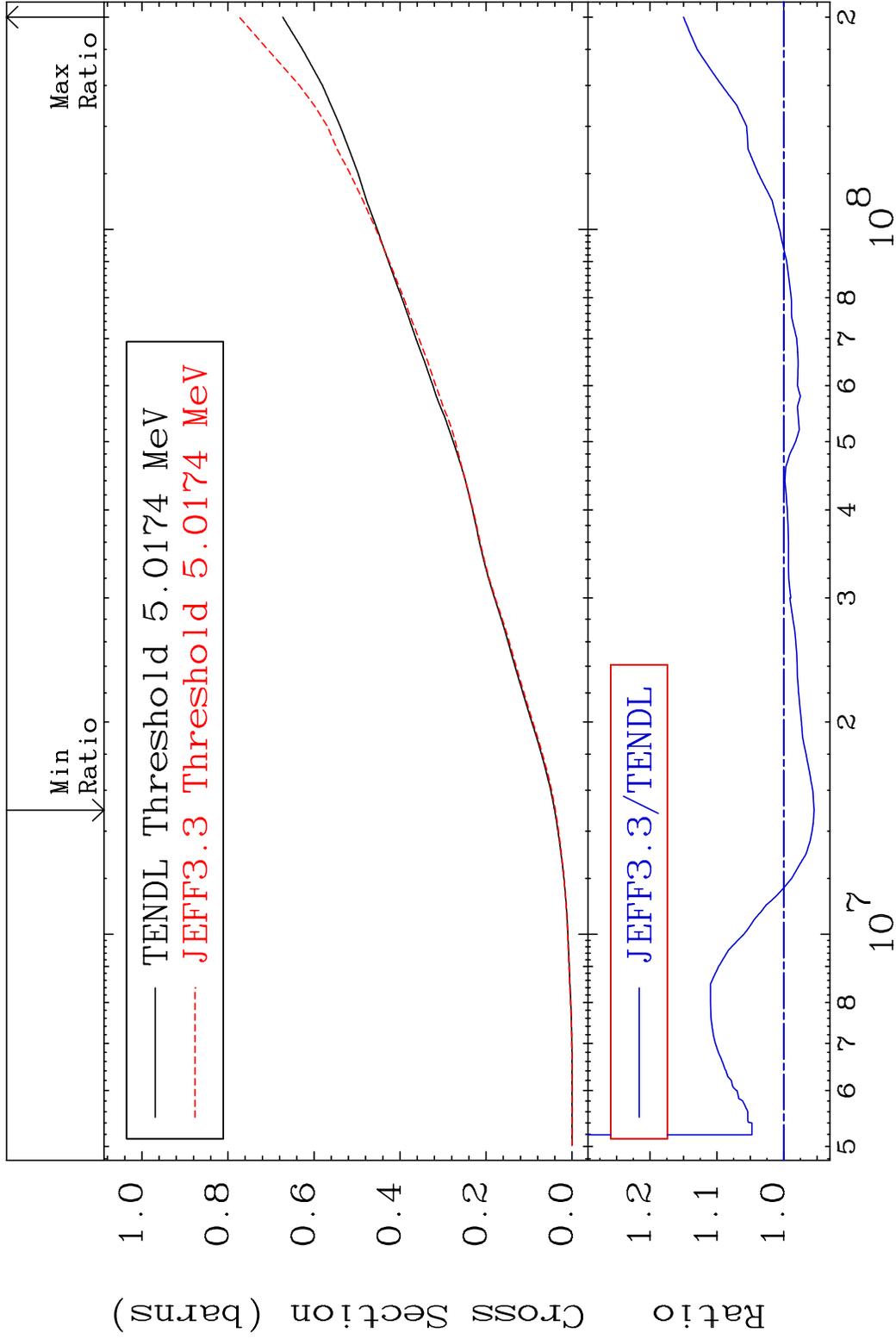
56 20-Ca-44

MAT 2037 (n, d) α 20-Ca-44
 Cross Section -99.99 To 395.1 %



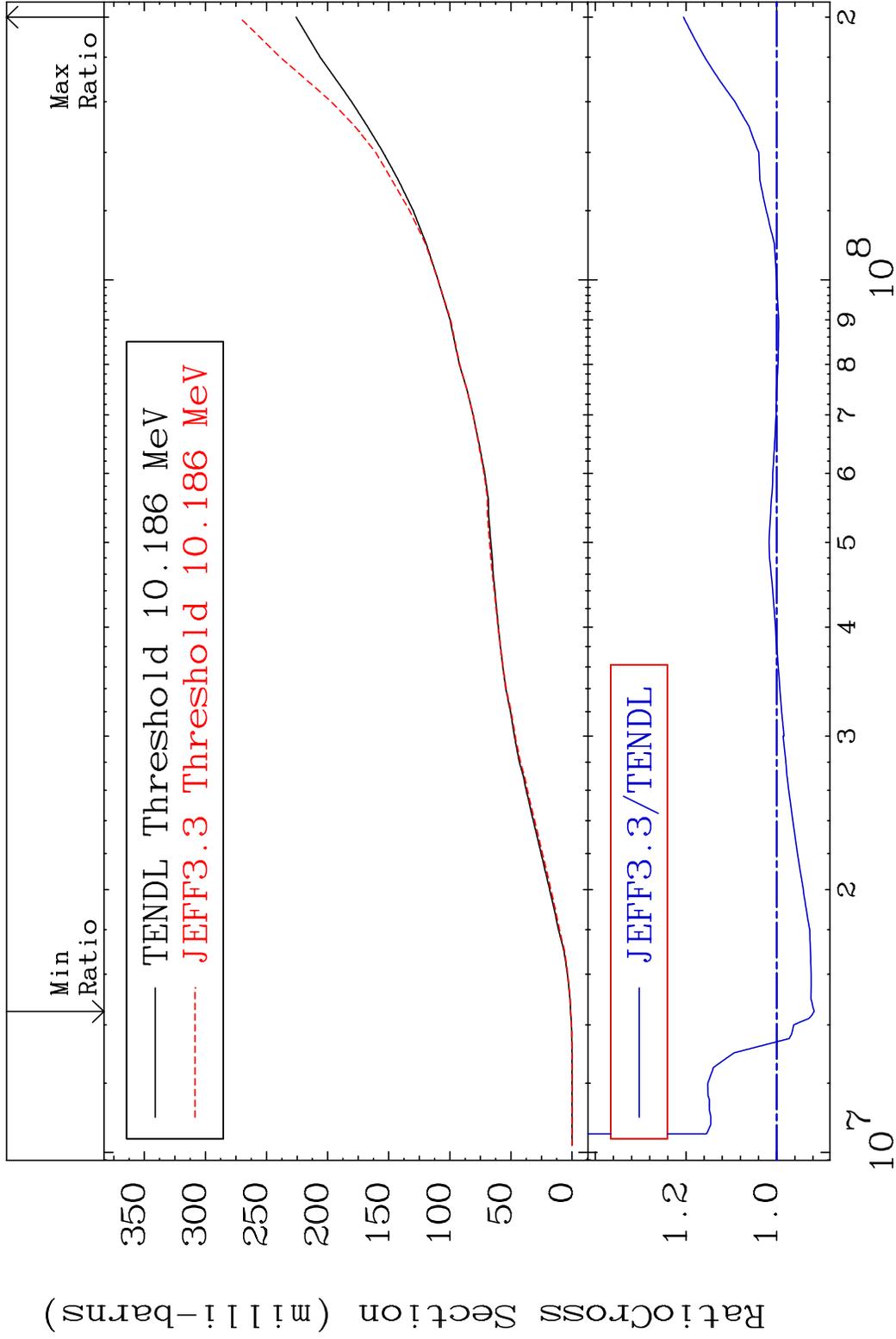
57 20-Ca-44

MAT 2037 Hydrogen Production 20-Ca-44
 Cross Section -4.541 To 14.99 %



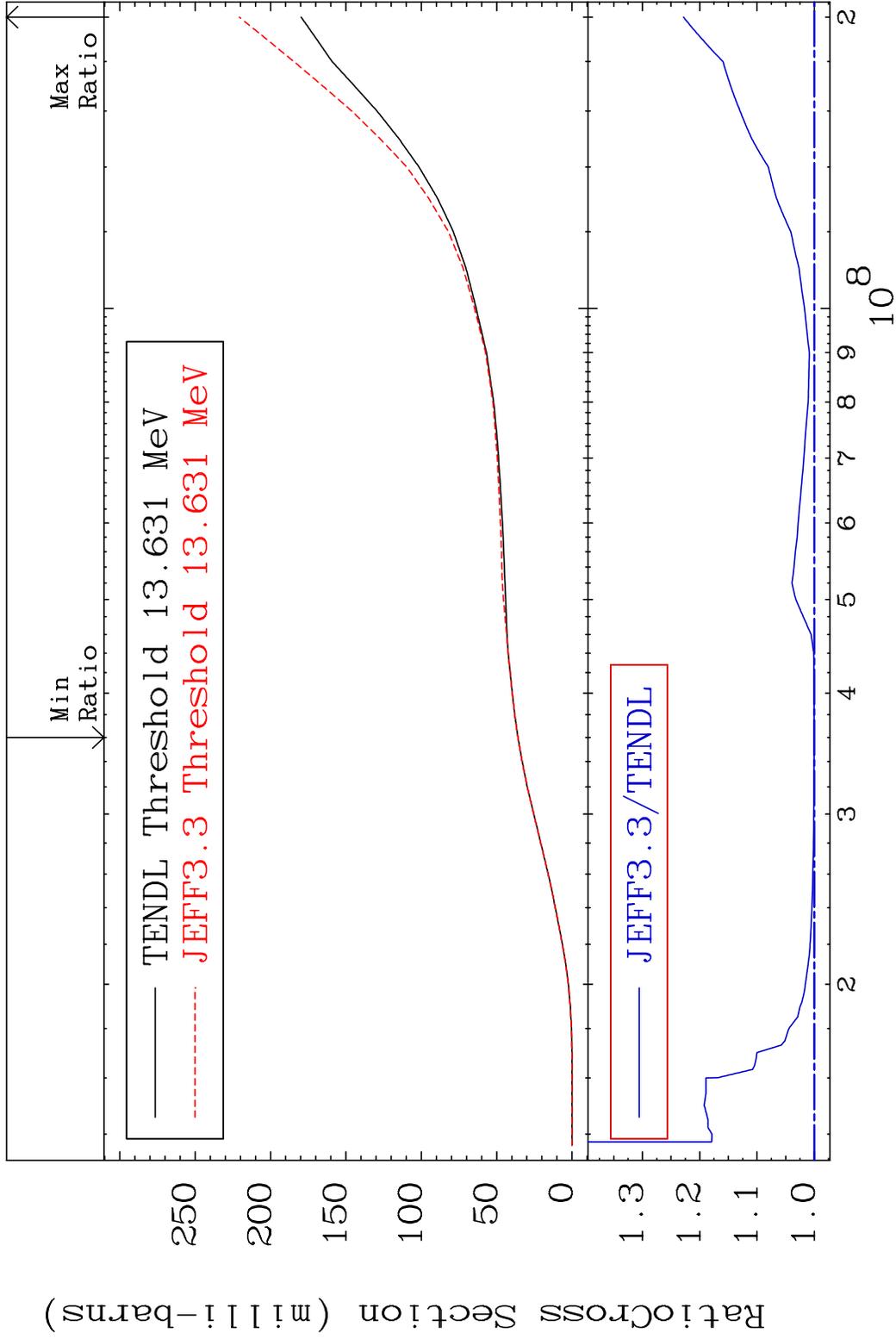
58 Incident Energy (eV) 20-Ca-44

MAT 2037 Deuterium Production 20-Ca-44
 Cross Section -8.236 To 20.55 %



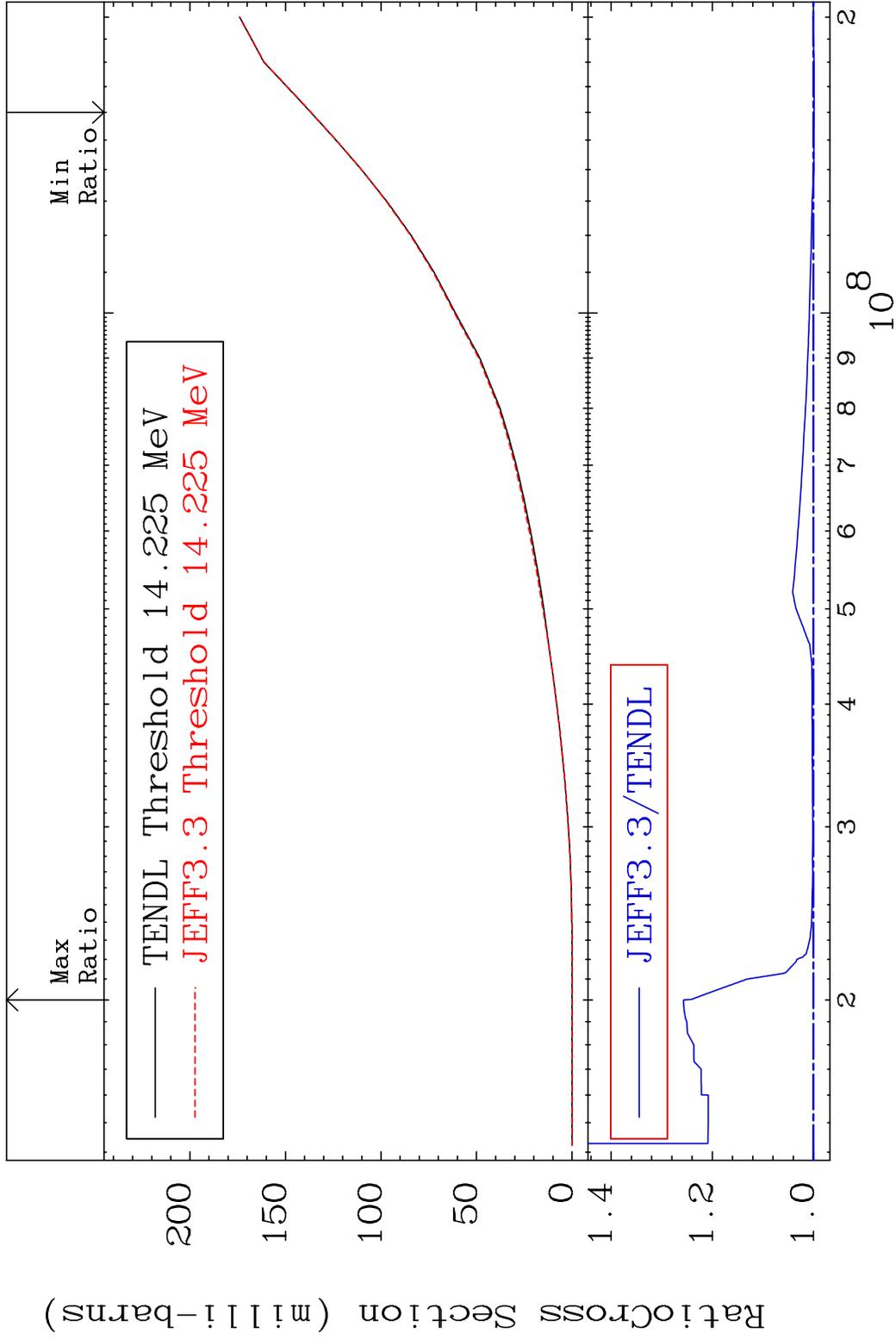
59 20-Ca-44

MAT 2037 Tritium Production 20-Ca-44
 Cross Section 0.042 To 22.82 %

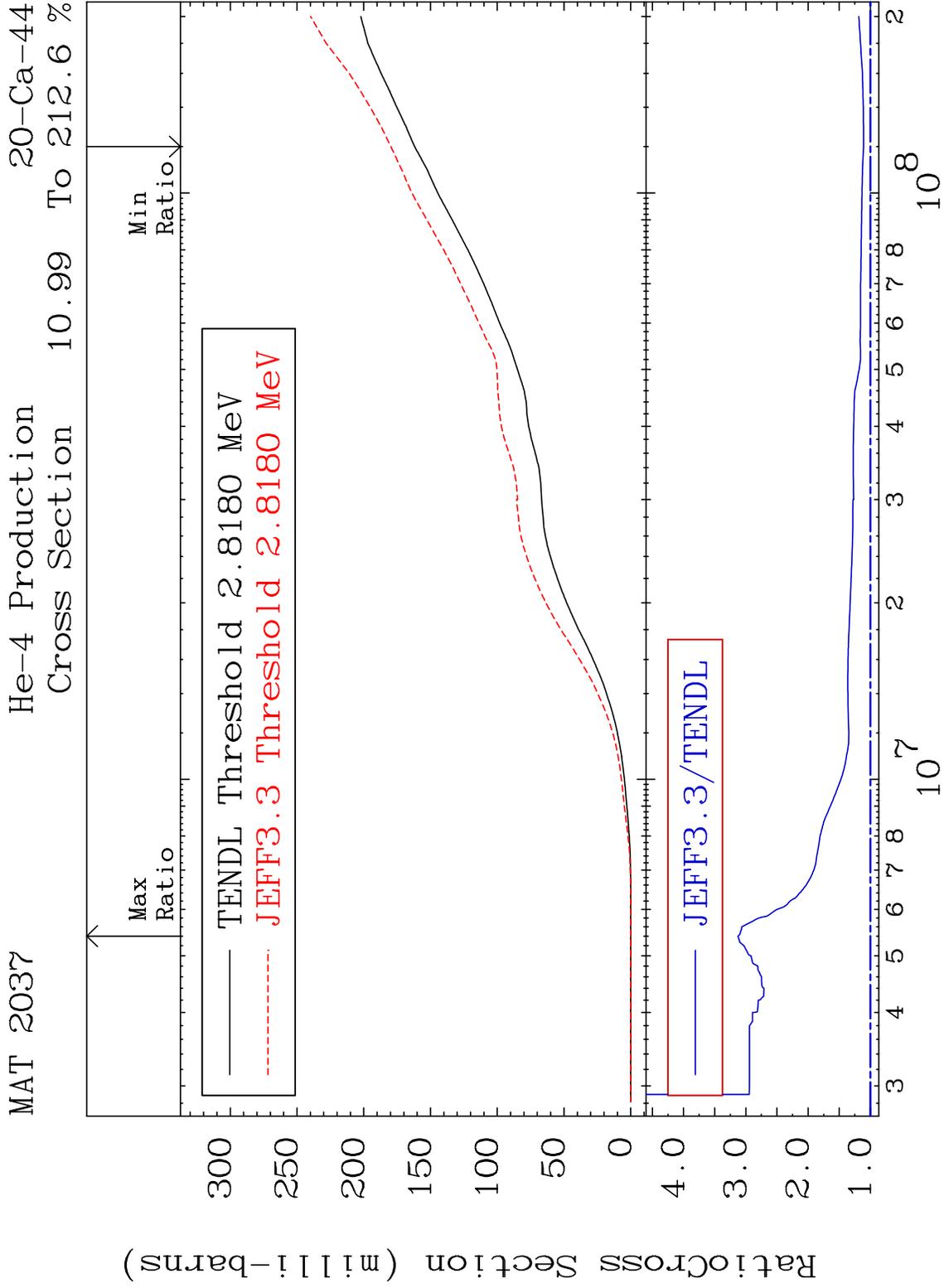


60 20-Ca-44

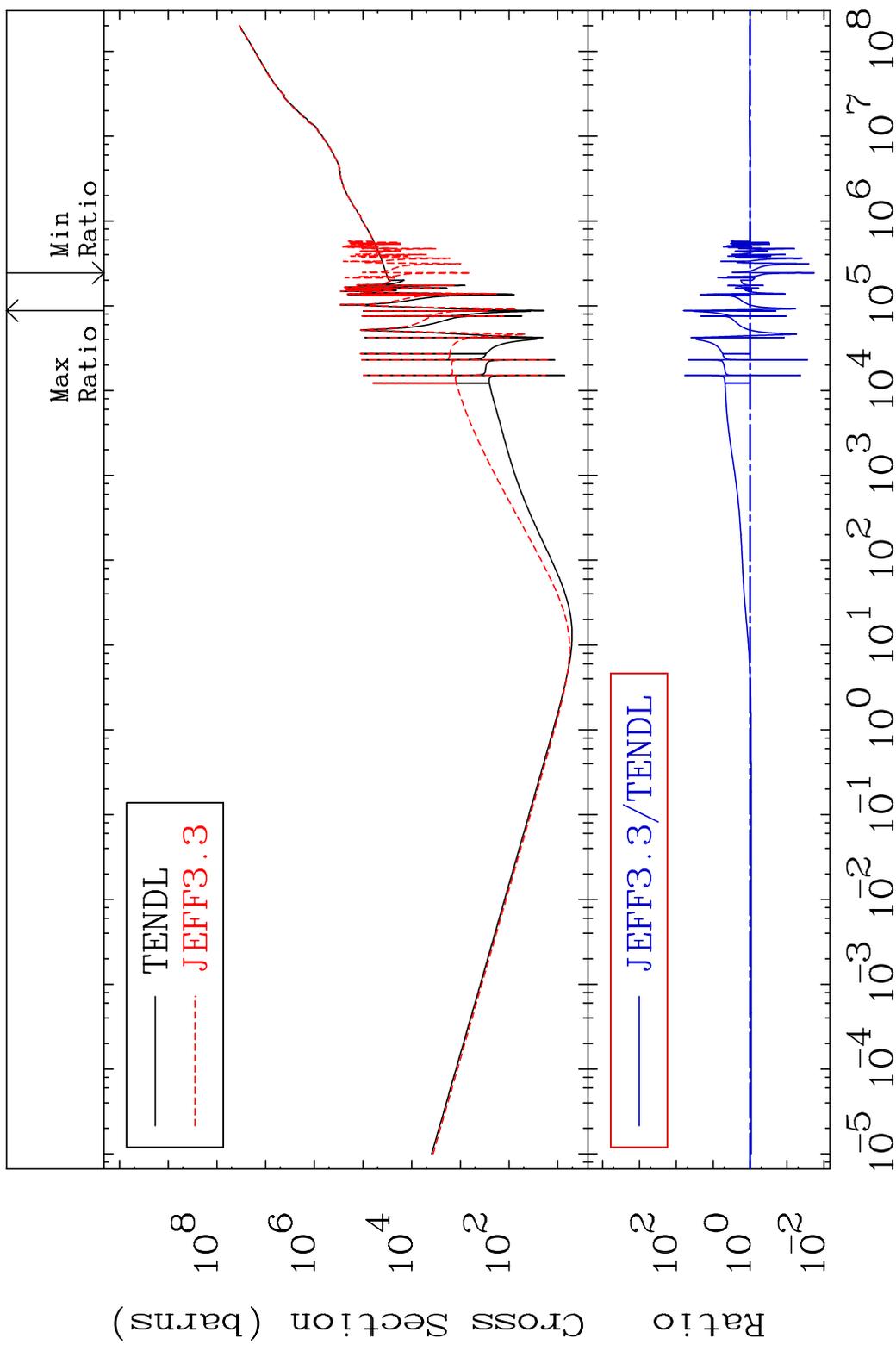
MAT 2037 He-3 Production 20-Ca-44
 Cross Section -0.124 To 25.69 %



61 Incident Energy (eV) 20-Ca-44



MAT 2037 Kerma total (eV-barns) 20-Ca-44
 Cross Section -98.16 To 6287. %

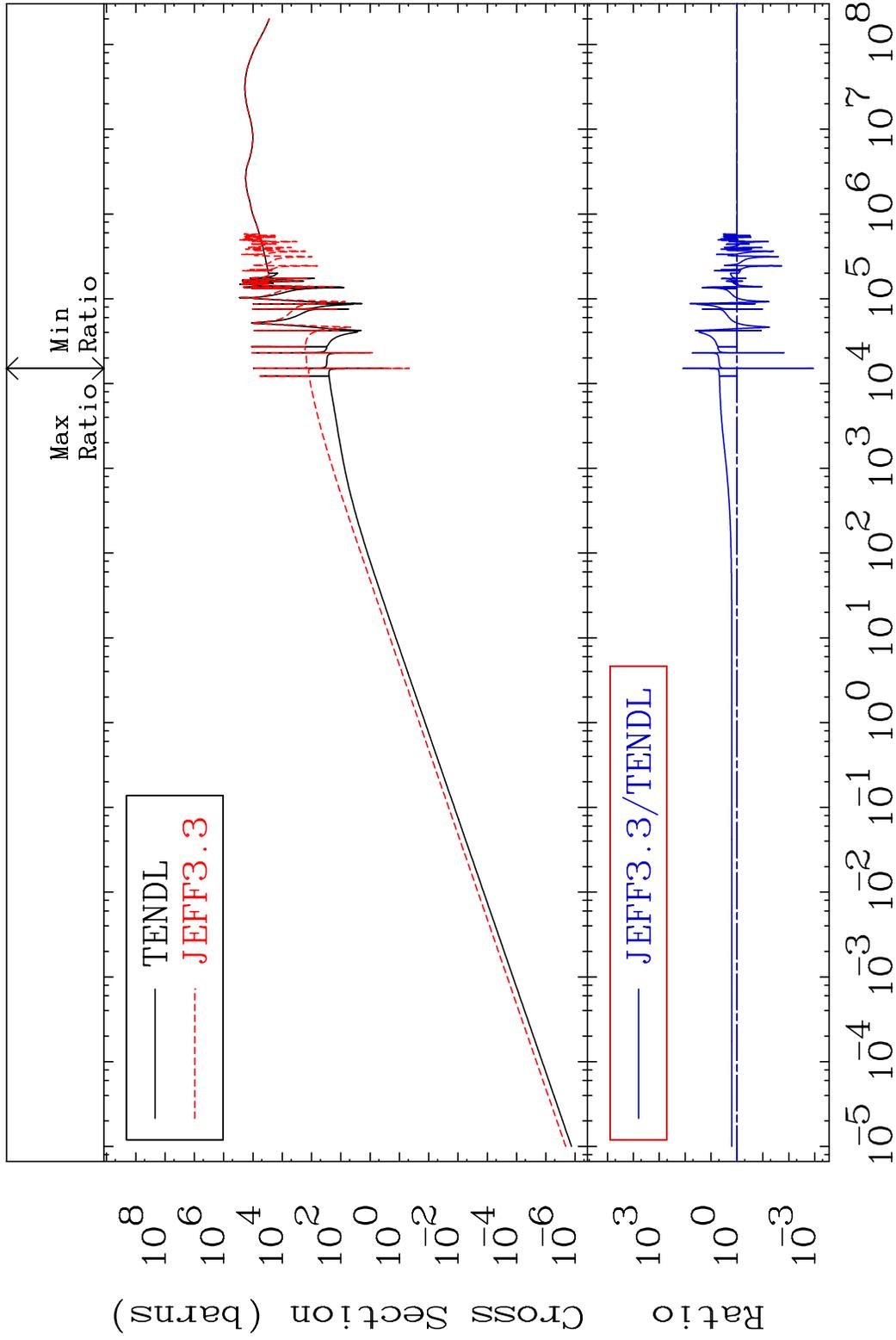


63 Incident Energy (eV) 20-Ca-44

MAT 2037

Kerma elastic
Cross Section

20-Ca-44
-99.89 To 9999. %

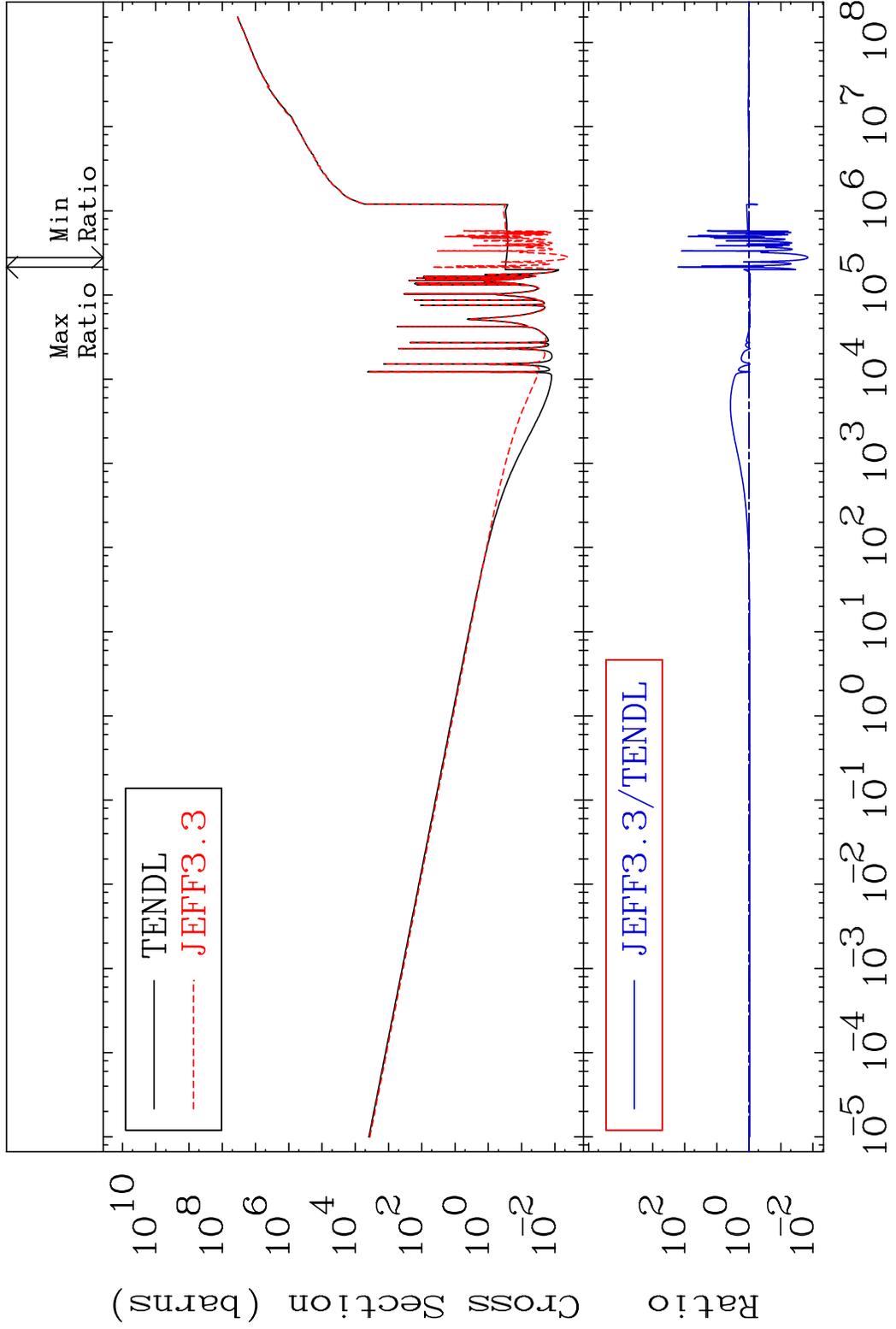


64

Incident Energy (eV)

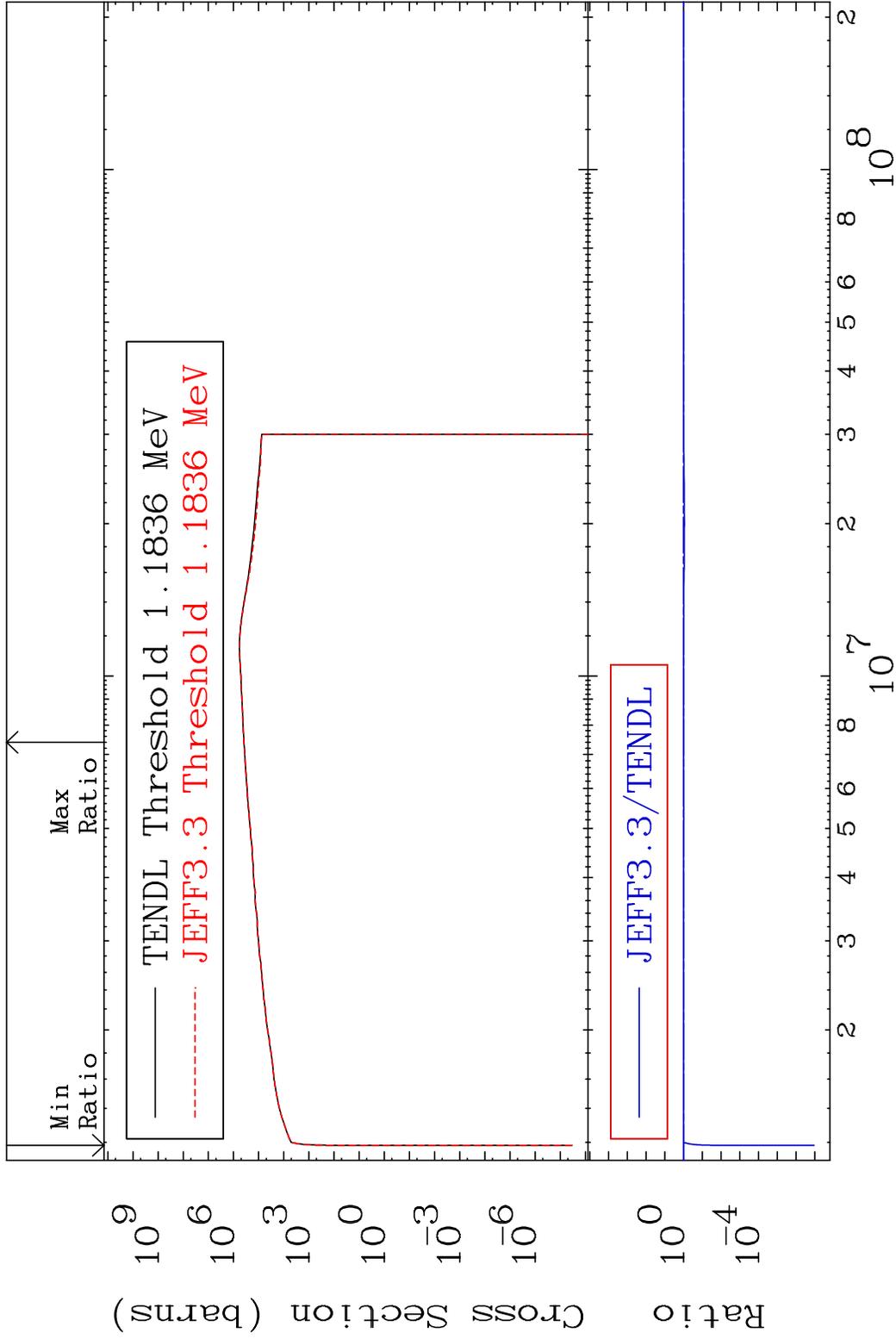
20-Ca-44

MAT 2037 Kerma non-elastic (all but mt2) 20-Ca-44
 Cross Section -98.55 To 9999. %



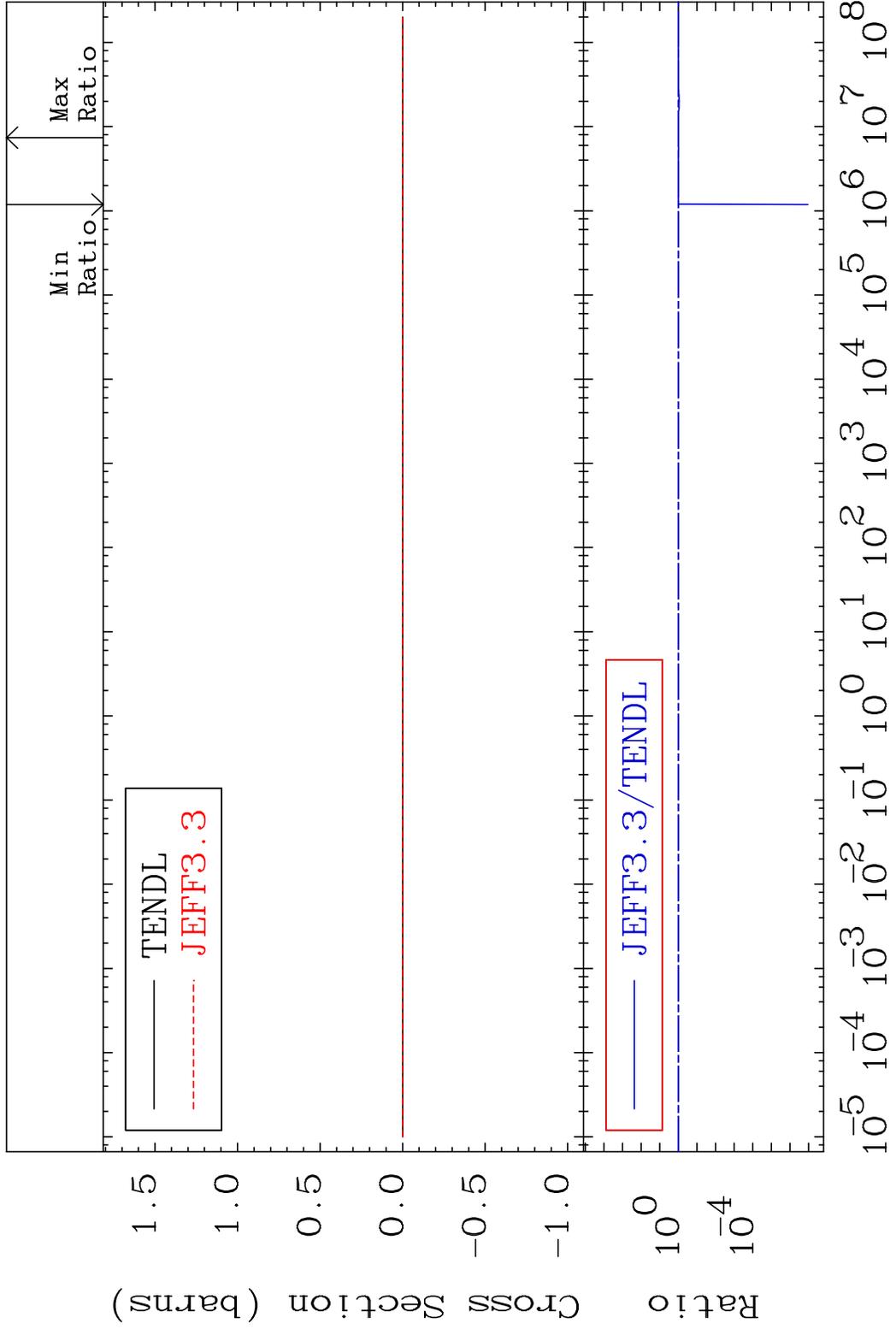
65 Incident Energy (eV) 20-Ca-44

MAT 2037 Kerma inelastic (mt51-91) 20-Ca-44
 Cross Section -100.0 To 0.531 %



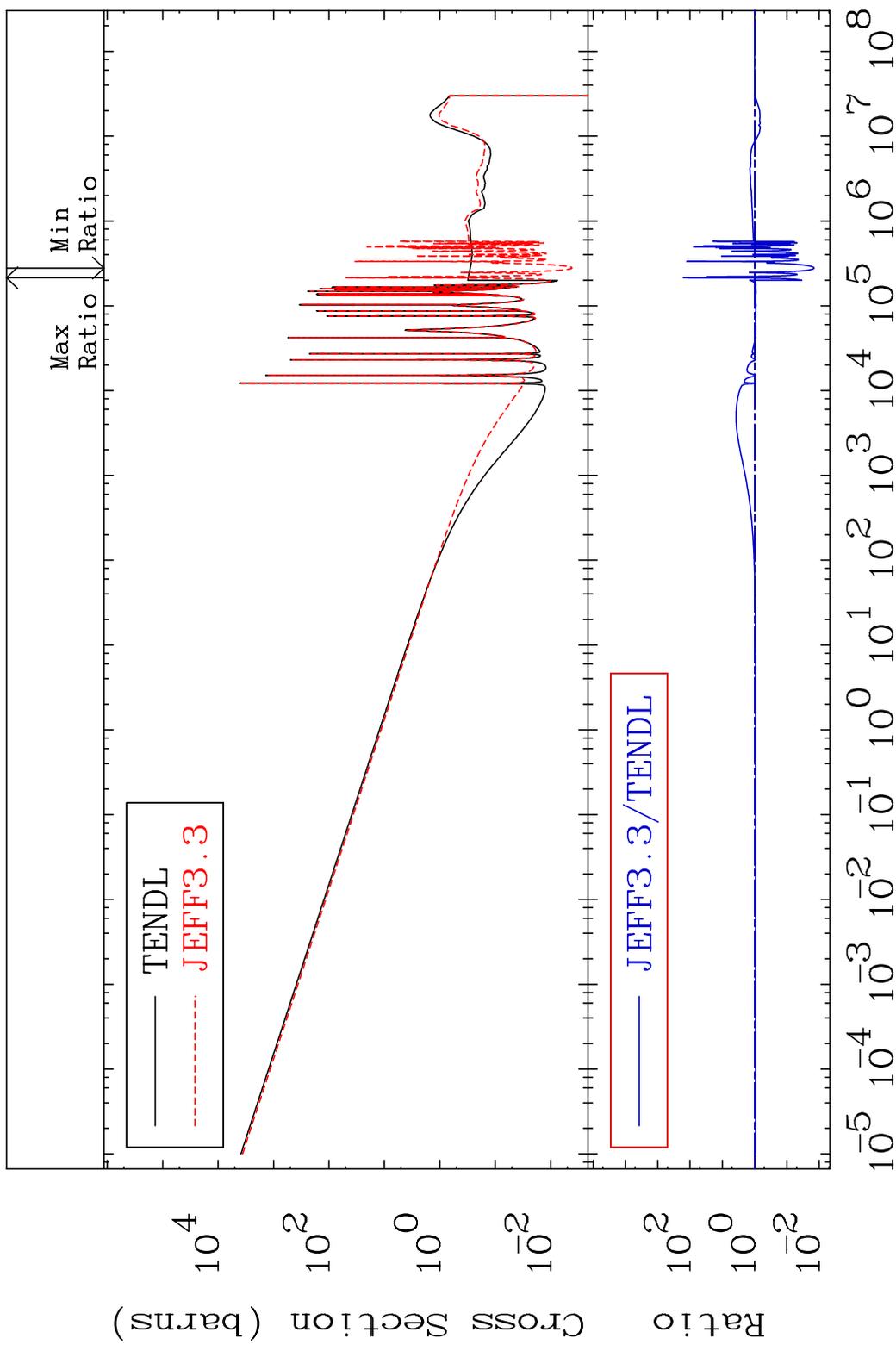
66 Incident Energy (eV) 20-Ca-44

MAT 2037 Kerma fission (mt18 or mt19-20-21-38) 20-Ca-44
 Cross Section -100.0 To 0.531 %



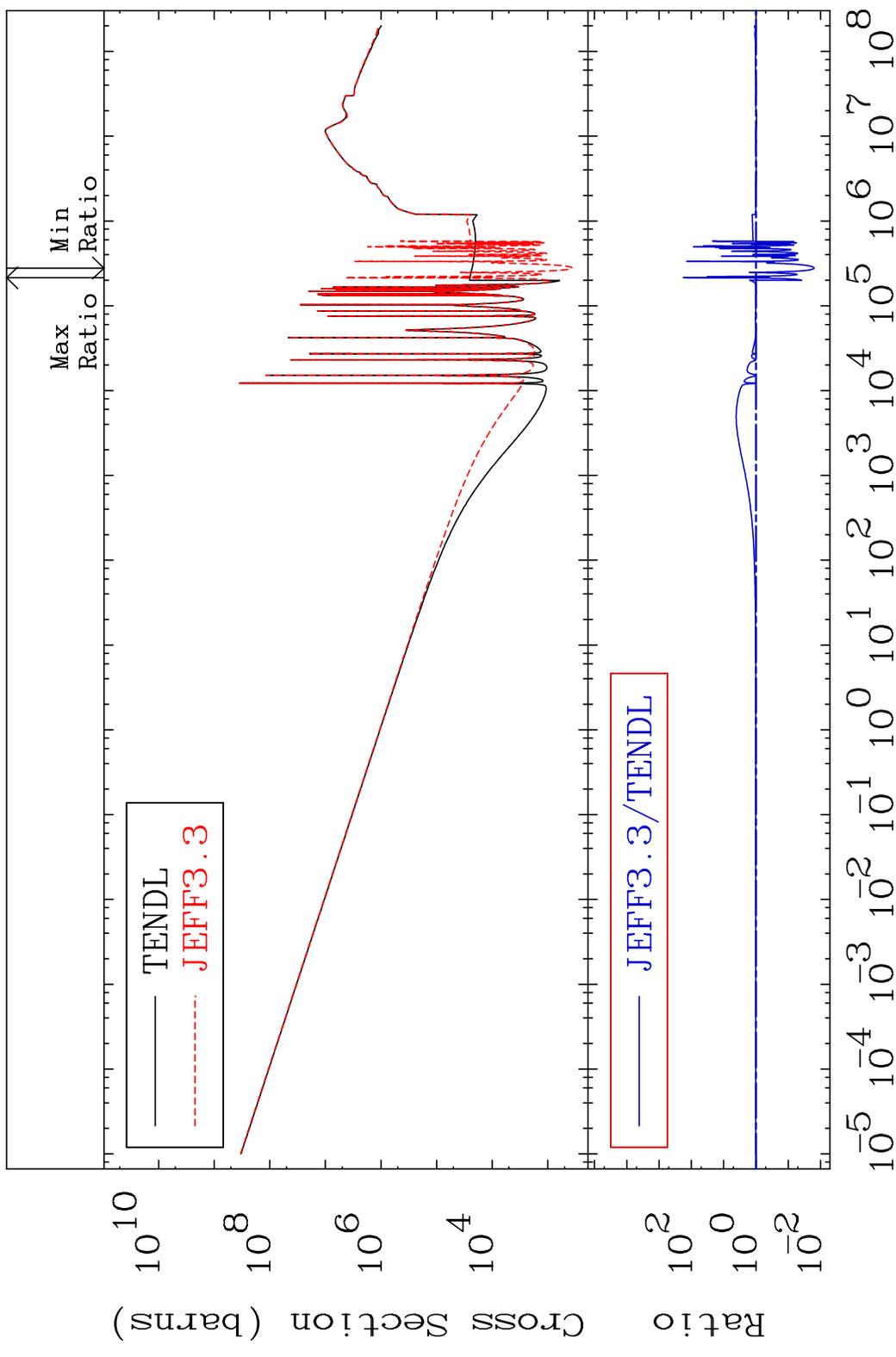
67 Incident Energy (eV) 20-Ca-44

MAT 2037 Kerma capture (mt102) 20-Ca-44
 Cross Section -98.55 To 9999. %



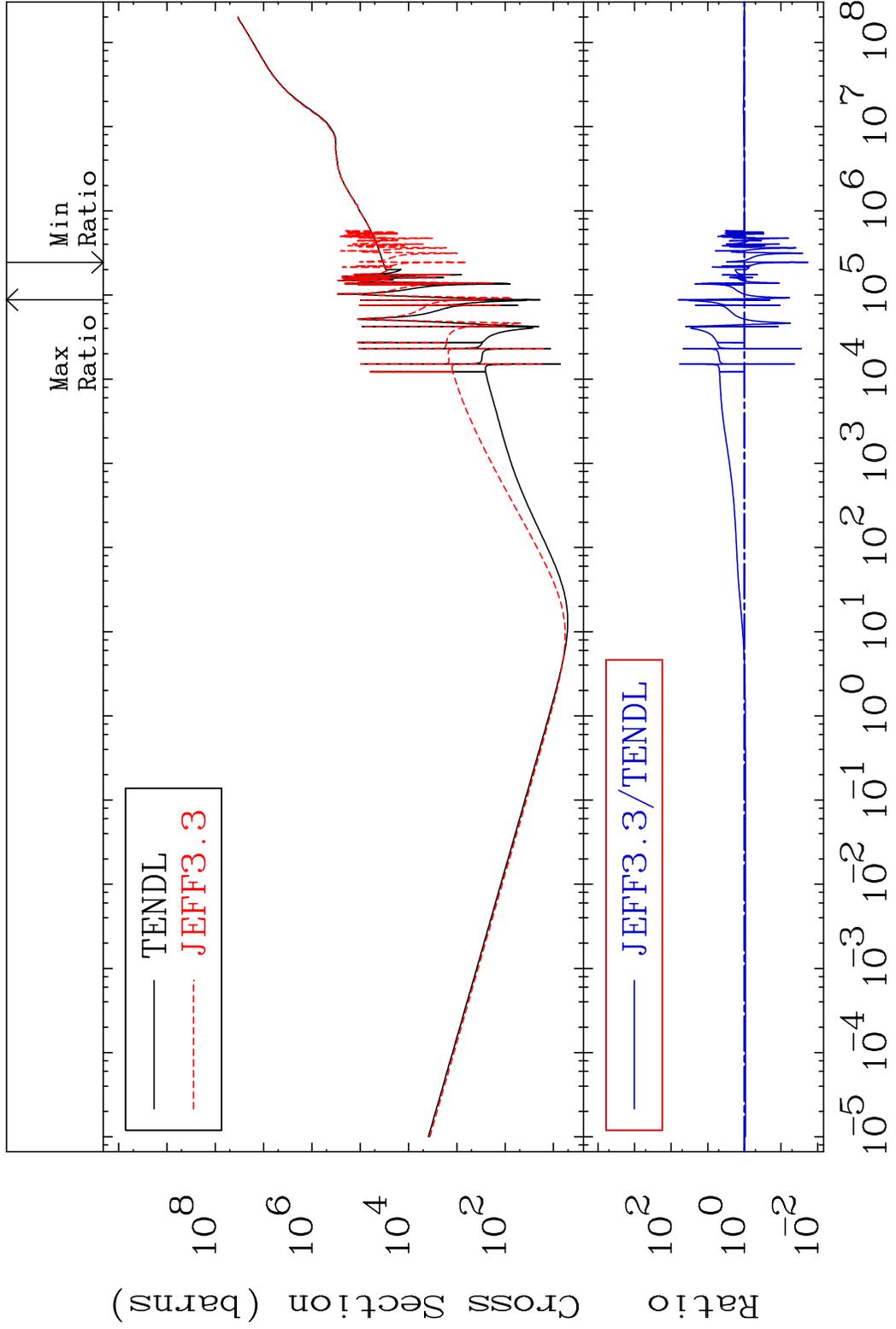
68 Incident Energy (eV) 20-Ca-44

MAT 2037 Total photon (eV-barns) 20-Ca-44
 Cross Section -98.41 To 9999. %



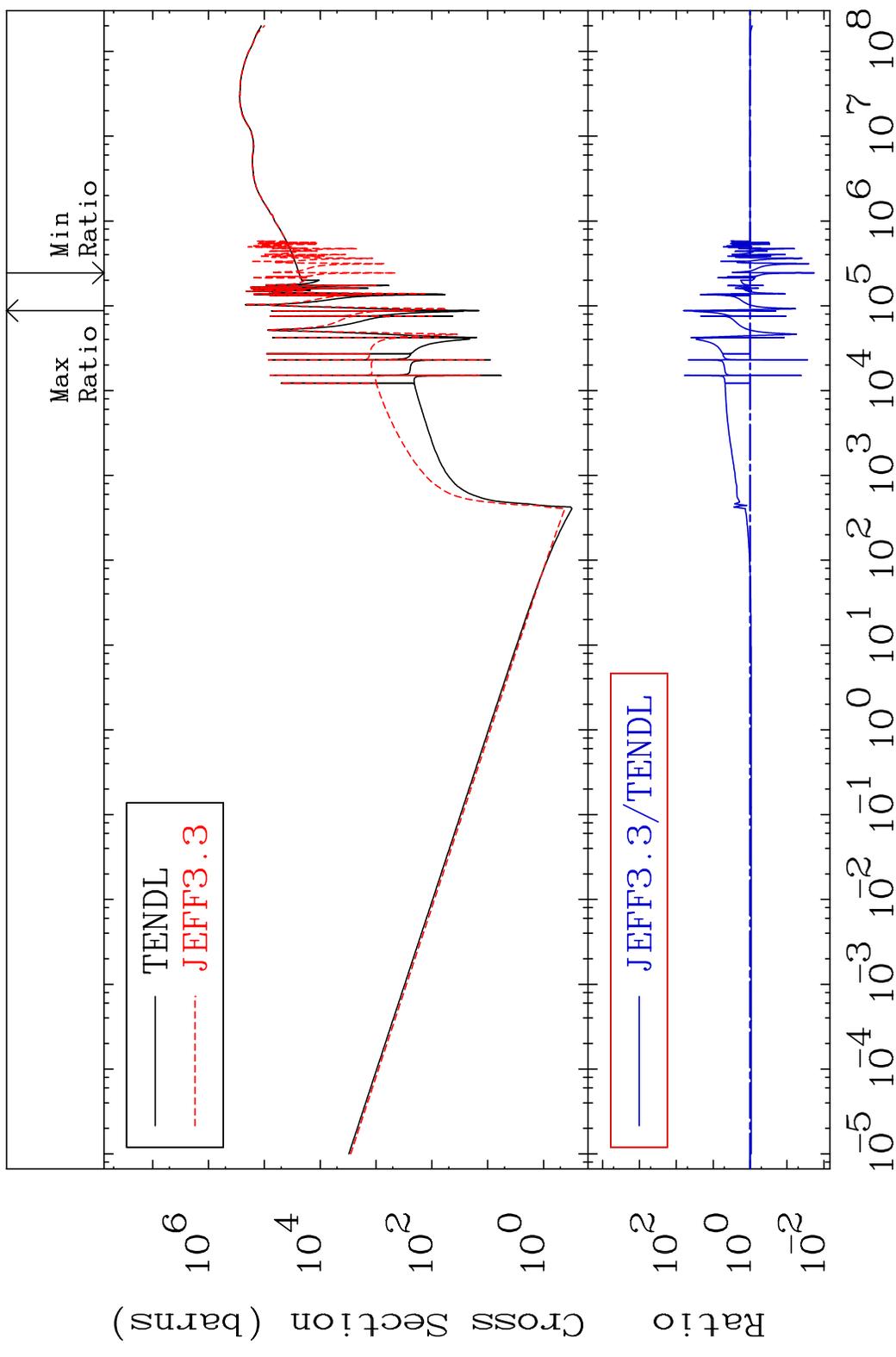
69 Incident Energy (eV) 20-Ca-44

MAT 2037 Total kinematic kerma (high limit) 20-Ca-44
 Cross Section -98.16 To 6287. %



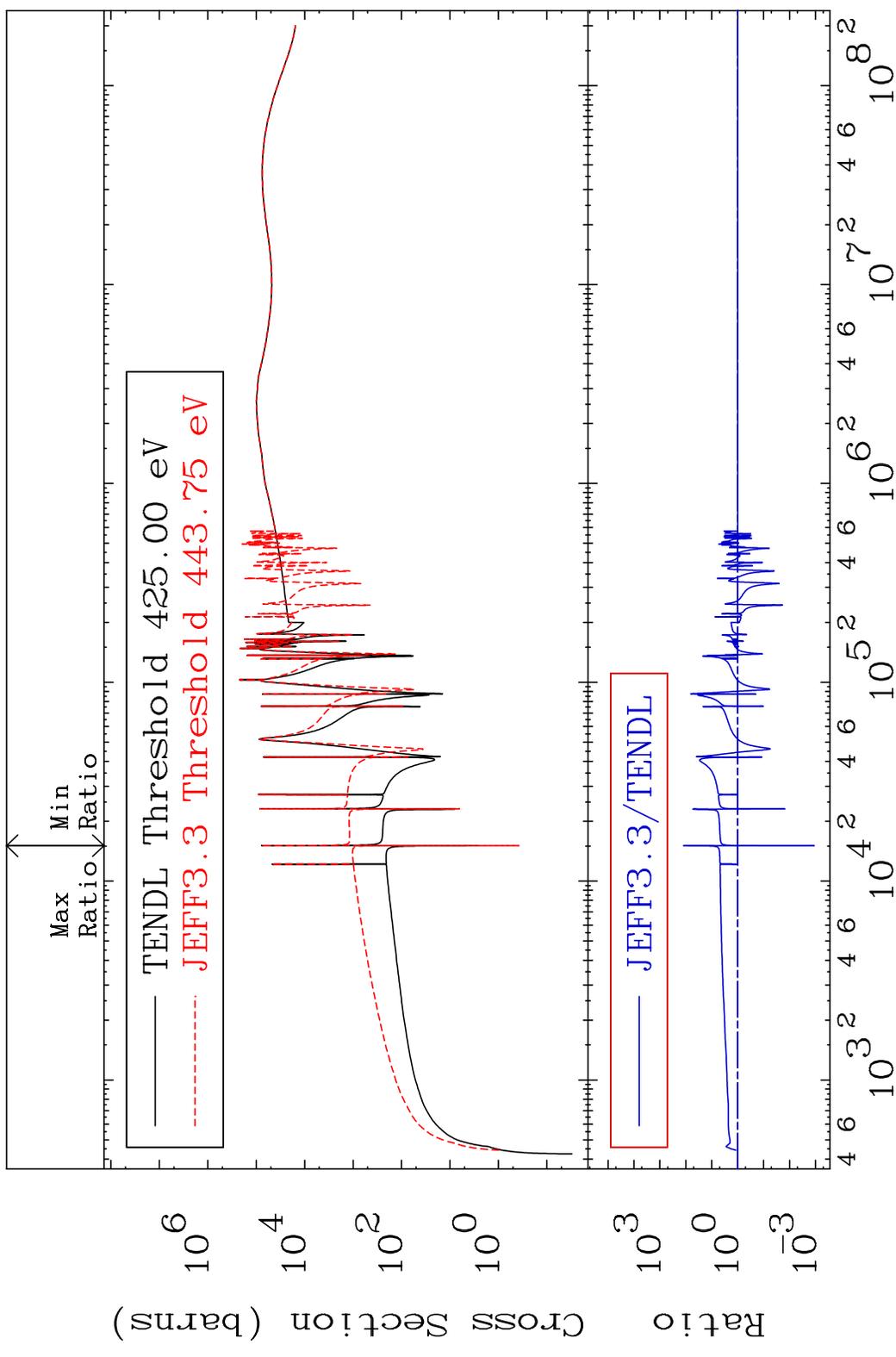
70 Incident Energy (eV) 20-Ca-44

MAT 2037 Dpa total (eV-barns) 20-Ca-44
 Cross Section -98.16 To 6286. %



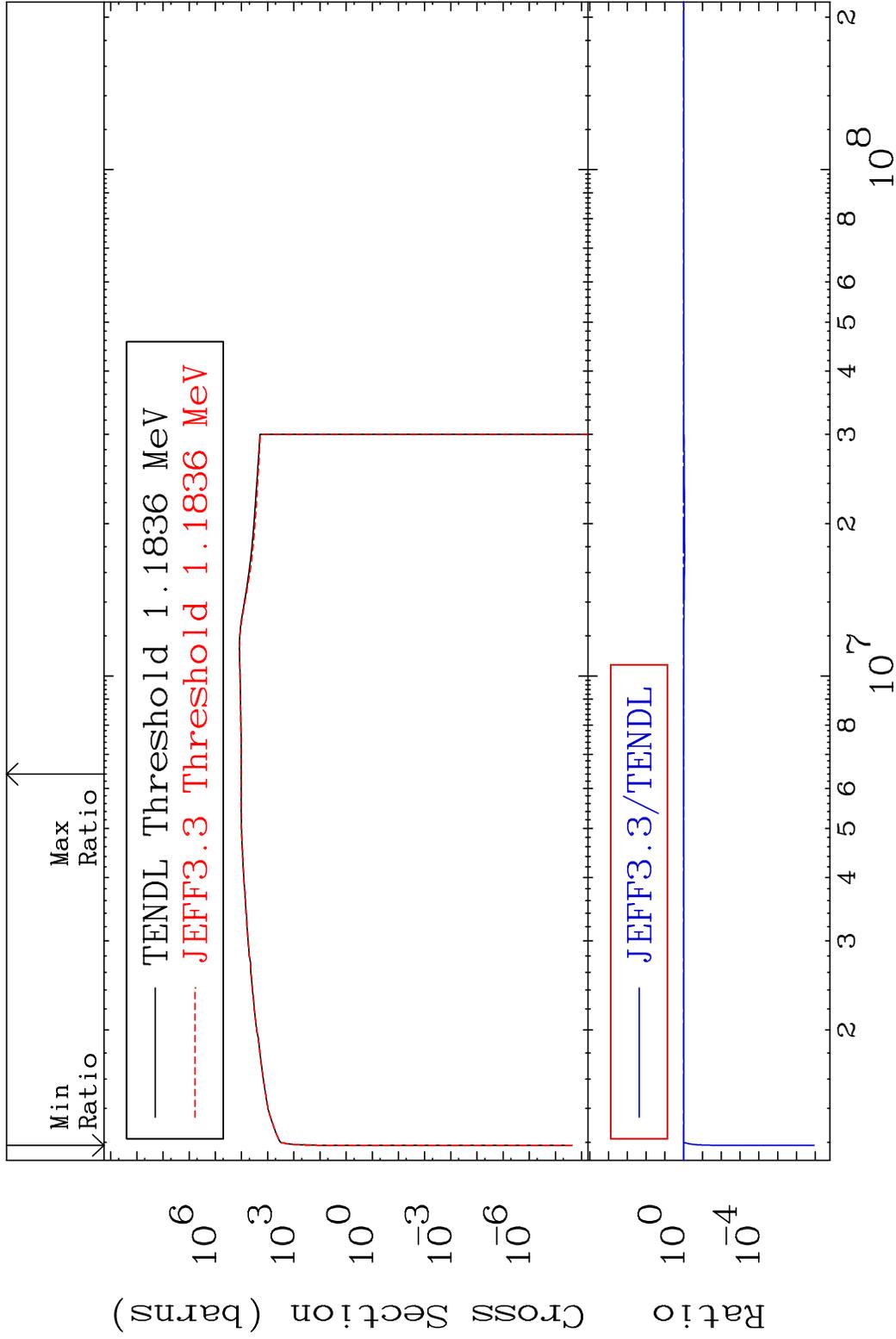
71 Incident Energy (eV) 20-Ca-44

MAT 2037 Dpa elastic (mt2) 20-Ca-44
 Cross Section -99.89 To 9999. %



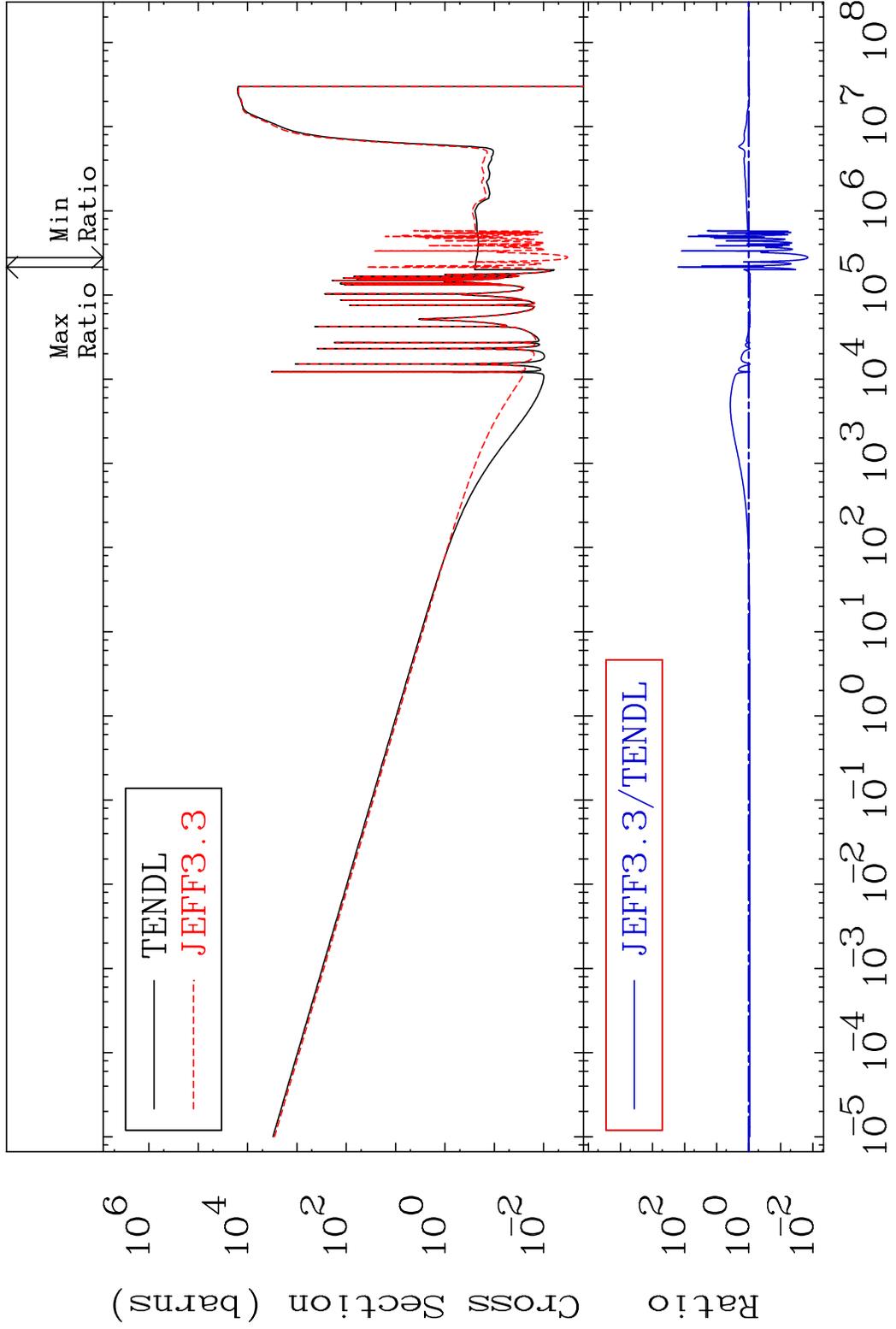
72 Incident Energy (eV) 20-Ca-44

MAT 2037 Dpa inelastic (mt51-91) 20-Ca-44
 Cross Section -100.0 To 2.316 %



73 Incident Energy (eV) 20-Ca-44

MAT 2037 Dpa disappearance (mt102 -120) 20-Ca-44
 Cross Section -98.57 To 9999. %



74 Incident Energy (eV) 20-Ca-44