

Program Complot  
(Version 2021-1)

by

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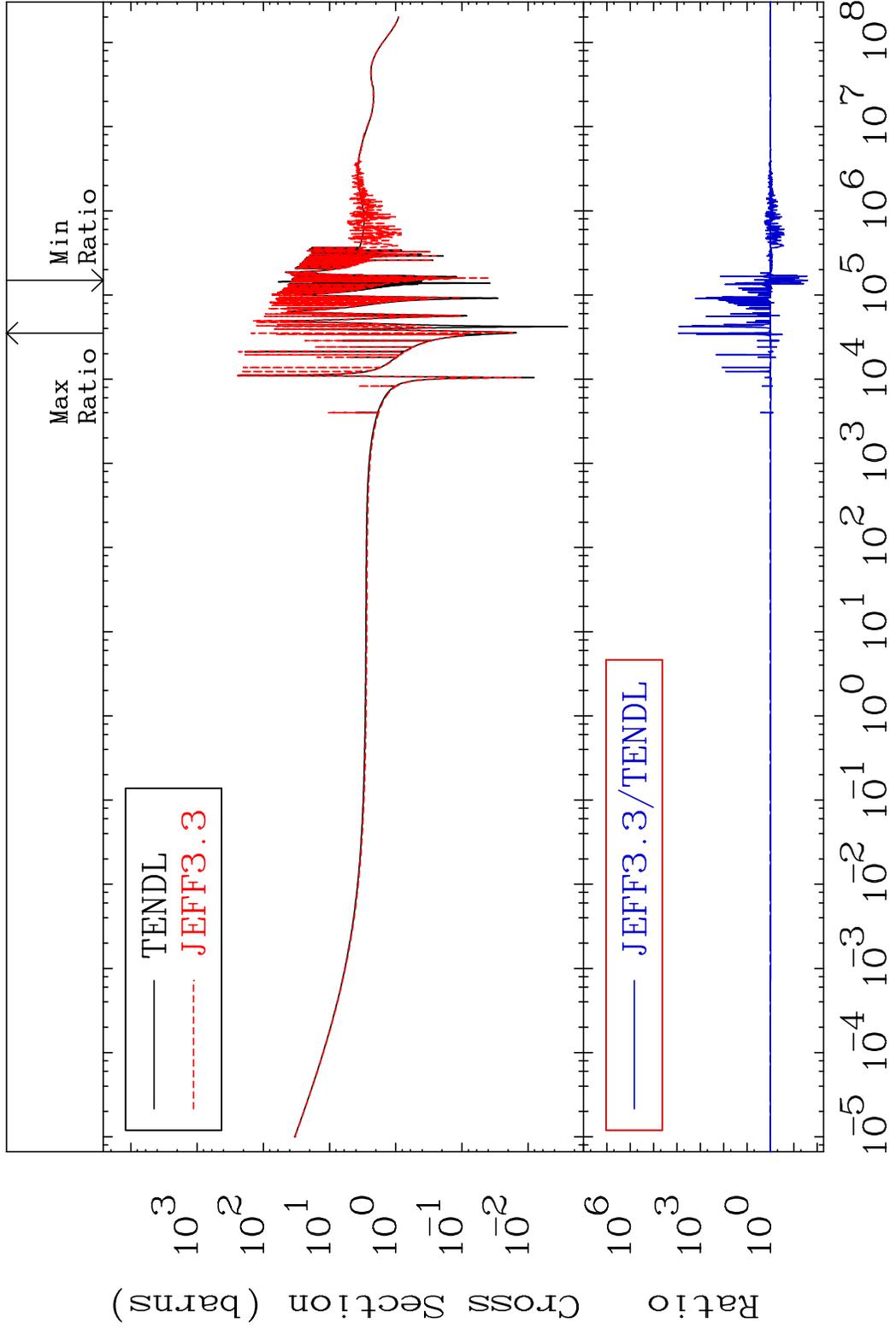
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Press Mouse Button to Start

MAT 2225                      Total                      22-Ti-46  
 Cross Section                      -97.50 To 9999. %



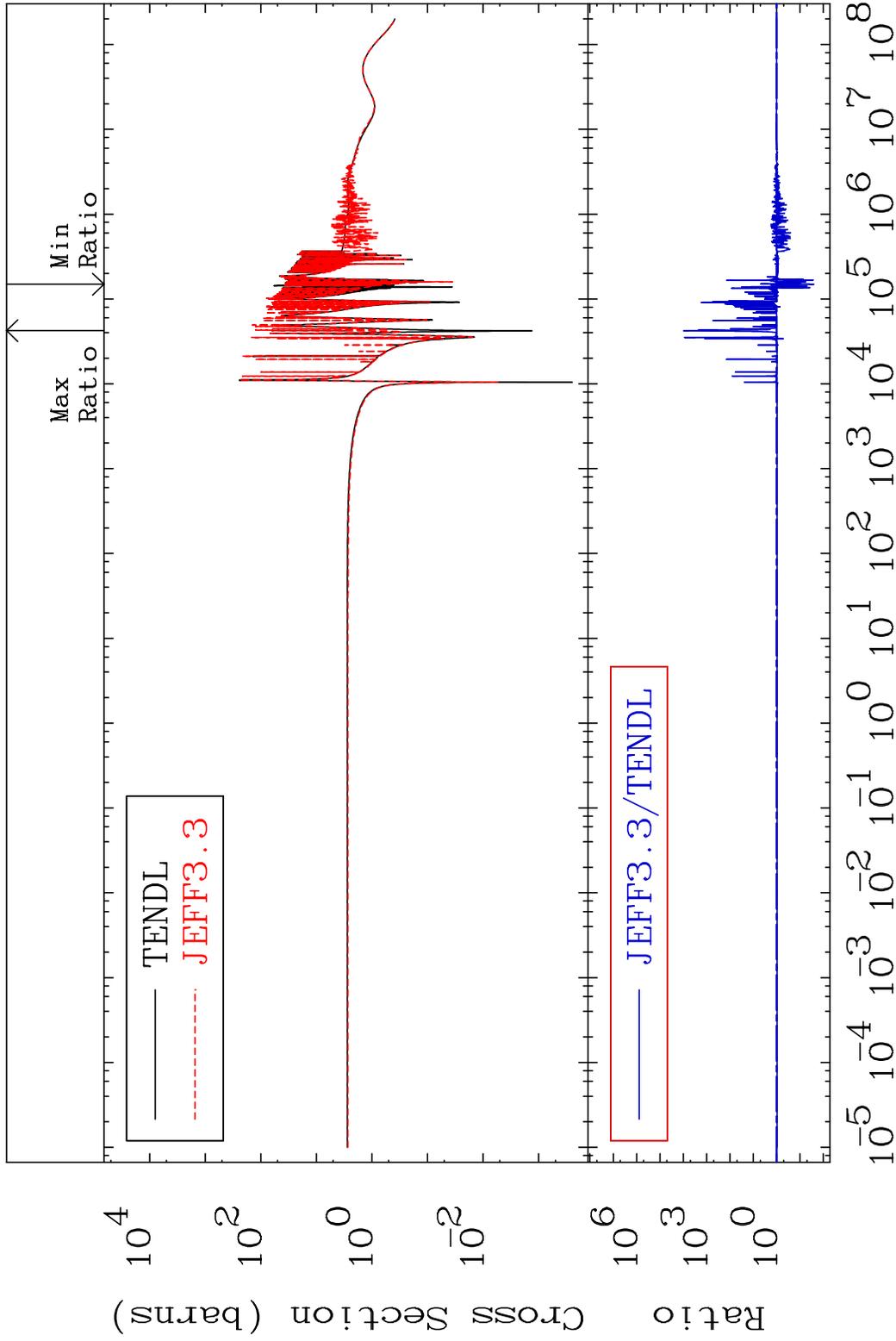
1                      Incident Energy (eV)                      22-Ti-46

MAT 2225

Elastic

22-Ti-46

Cross Section -97.50 To 9999. %

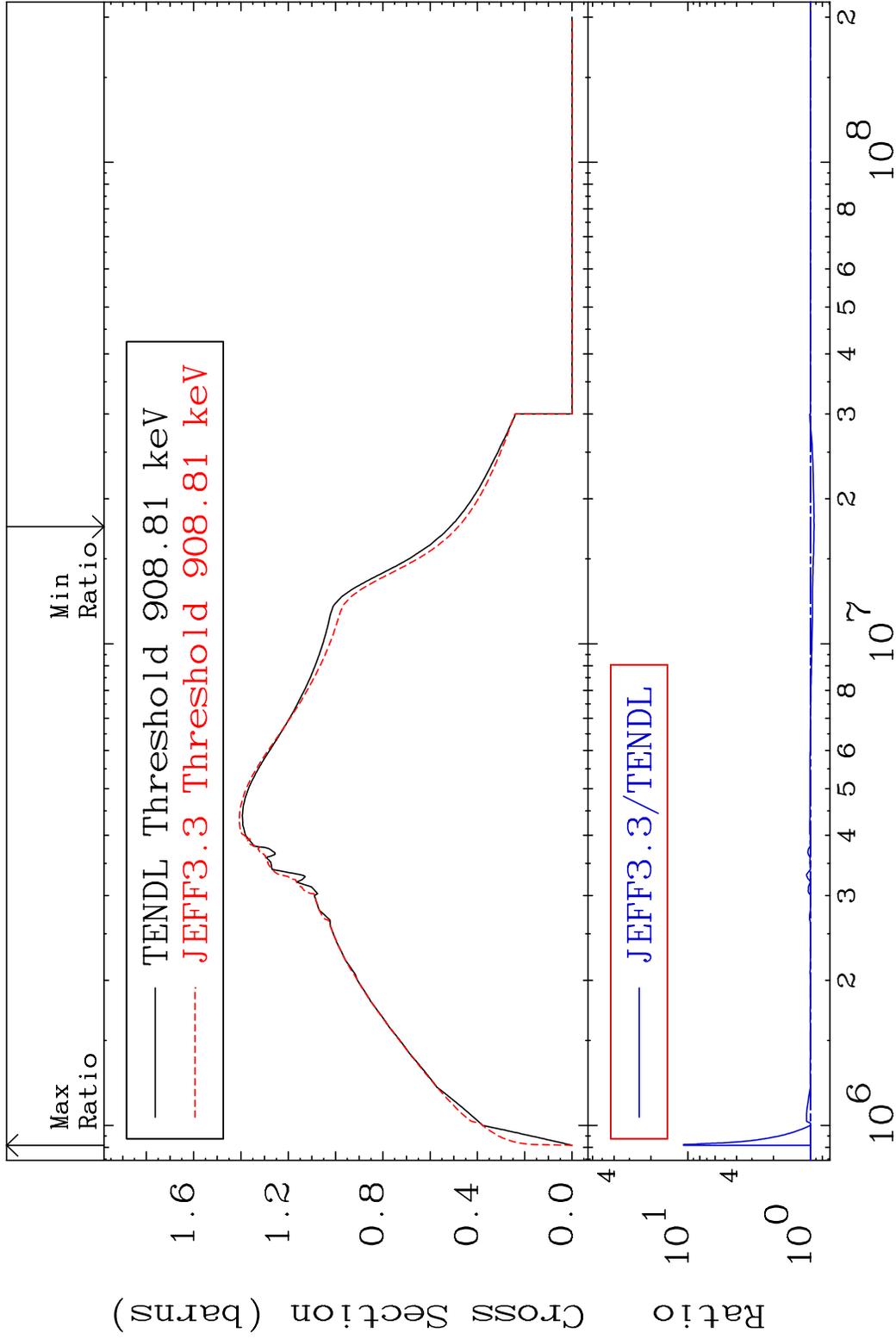


2

Incident Energy (eV)

22-Ti-46

MAT 2225 Inelastic 22-Ti-46  
 Cross Section -6.682 To 984.6 %



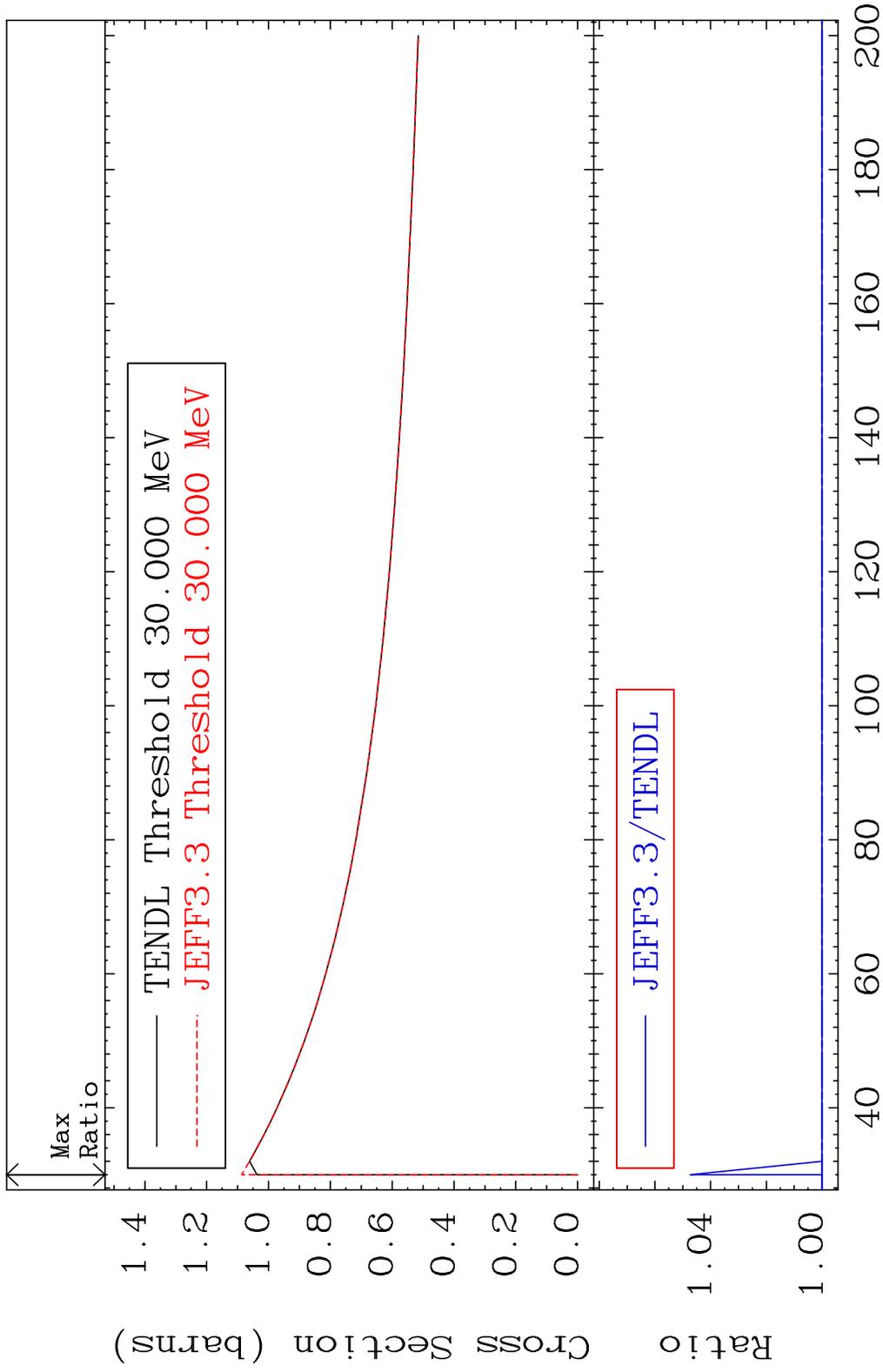
3 Incident Energy (eV) 22-Ti-46

MAT 2225

(n, remainder)

<sup>22</sup>Ti-46

Cross Section 0.000 To 4.734 %

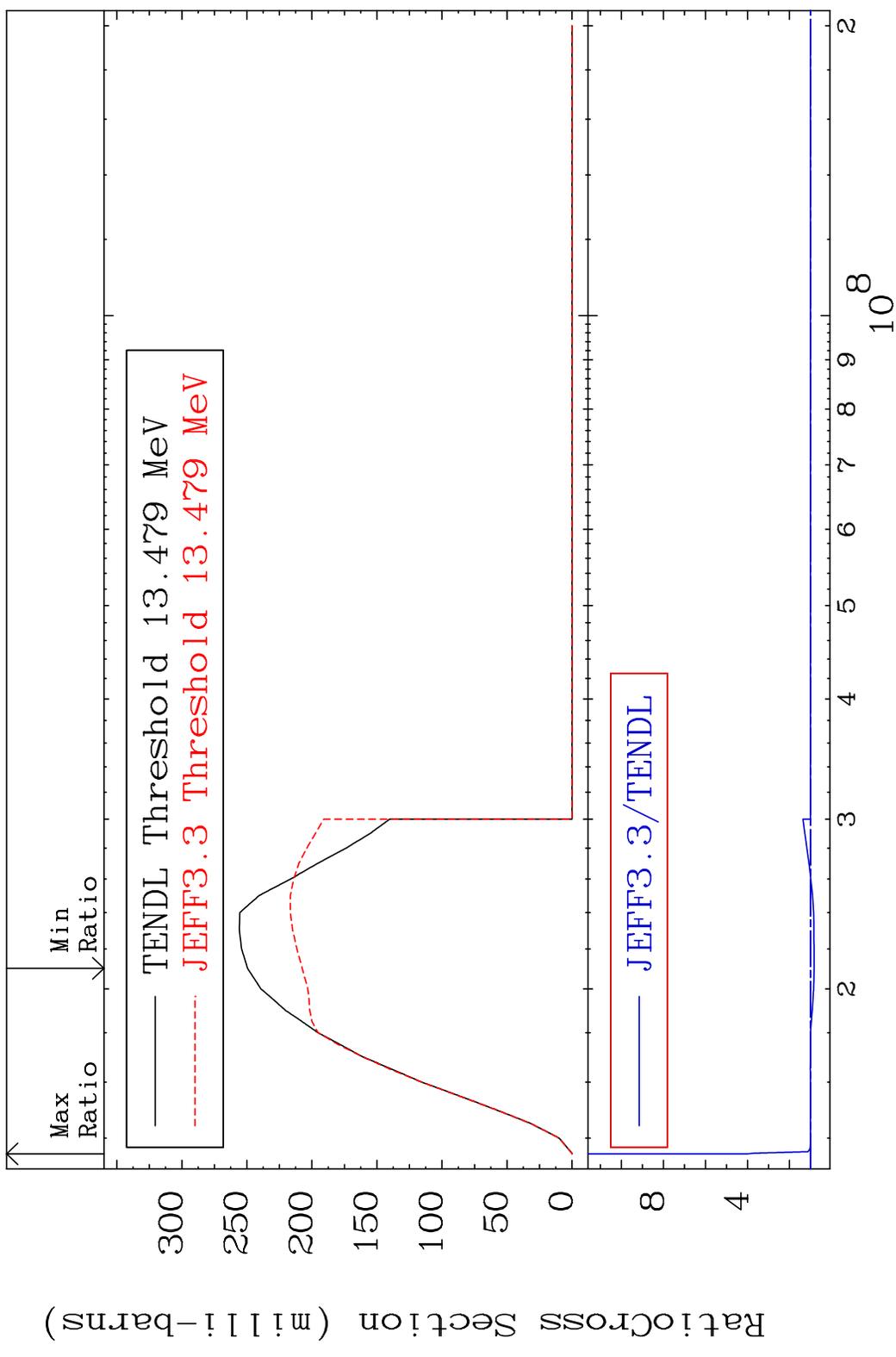


4

Incident Energy (MeV)

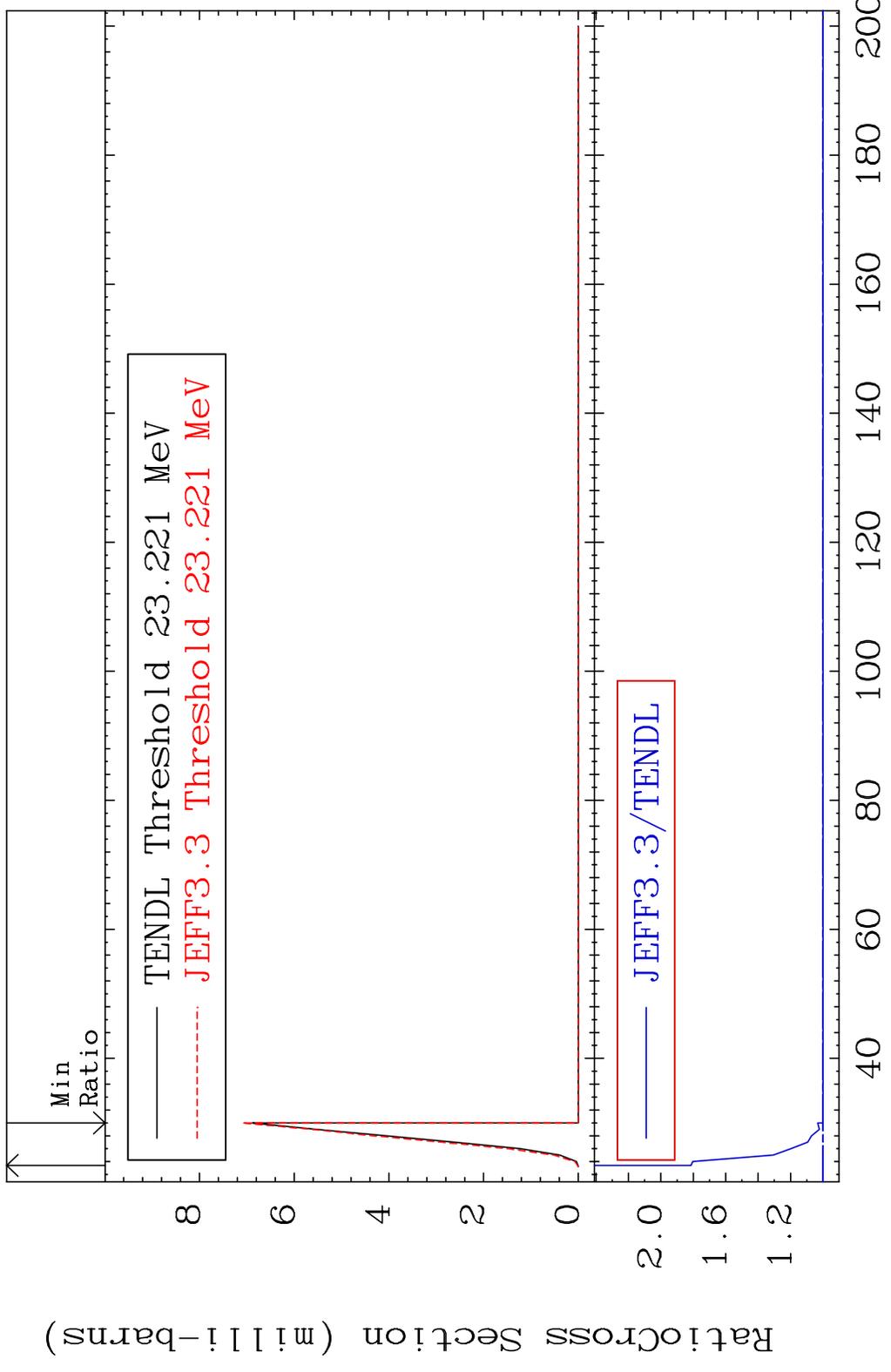
<sup>22</sup>Ti-46

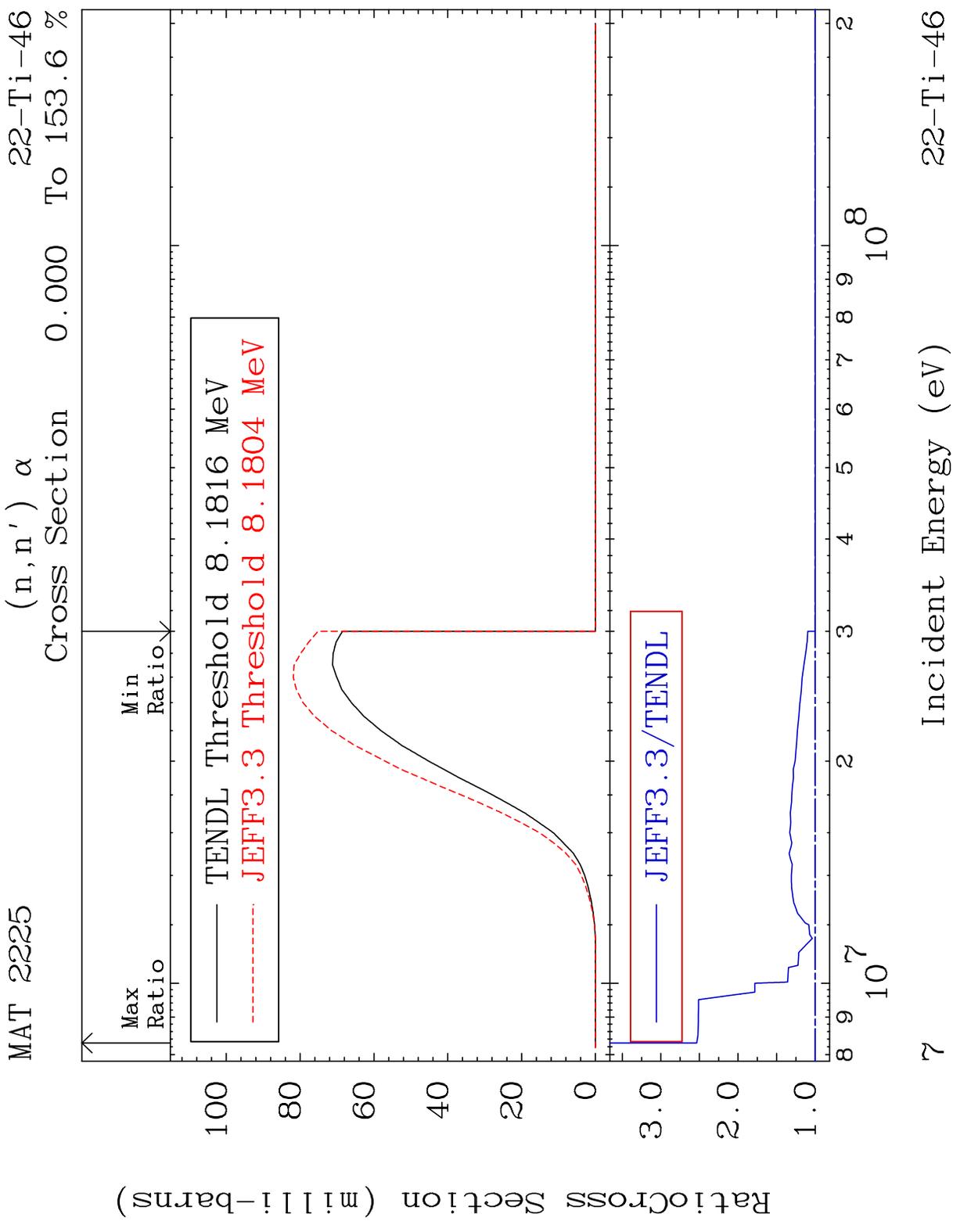
MAT 2225 (n,2n) 22-Ti-46  
 Cross Section -16.84 To 604.5 %



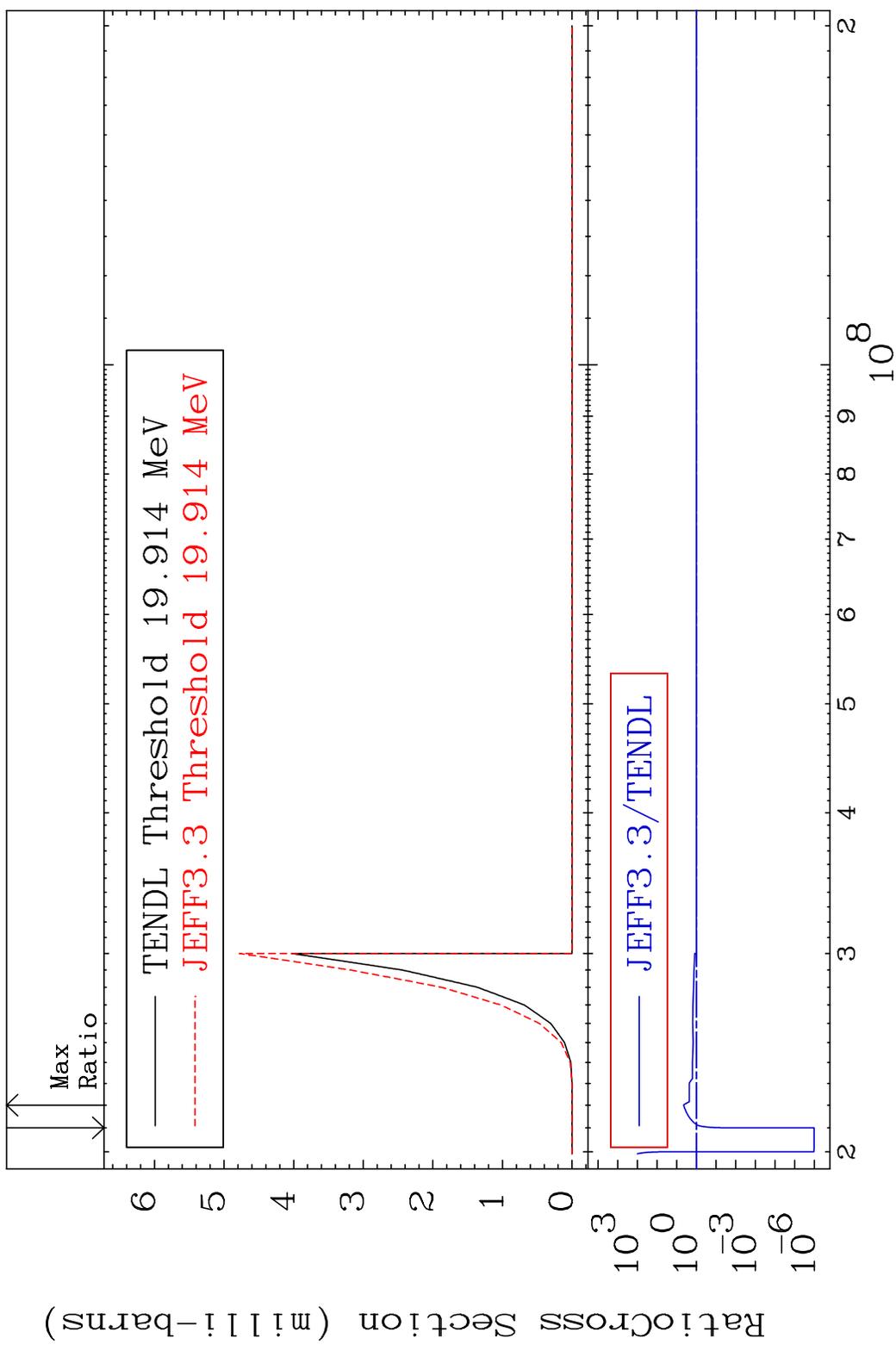
5 22-Ti-46

MAT 2225 (n,3n) 22-Ti-46  
 Cross Section 0.000 To 81.41 %



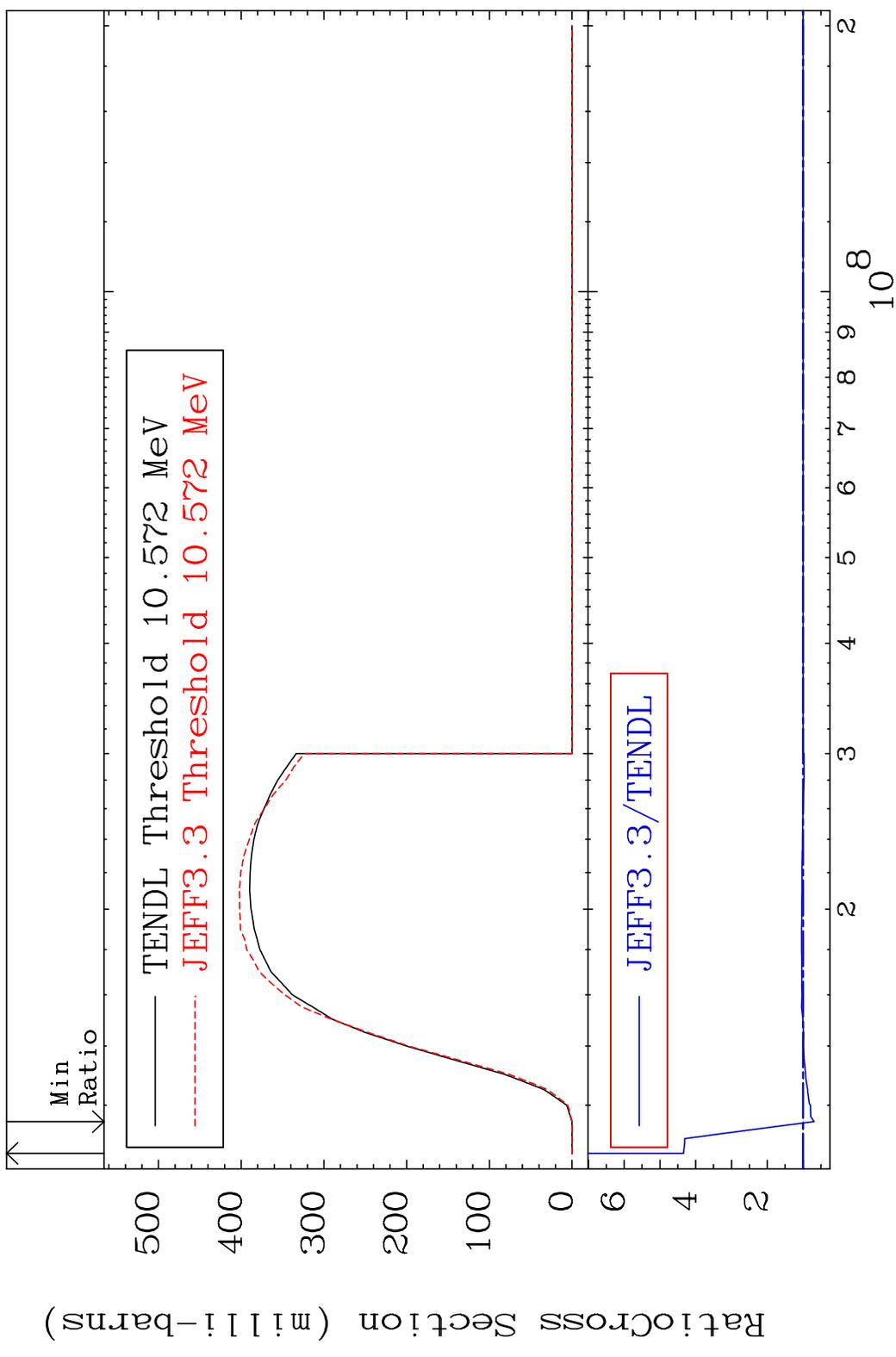


MAT 2225 (n, 2n)  $\alpha$   $^{22}\text{Ti-46}$   
 Cross Section -100.0 To 345.2 %

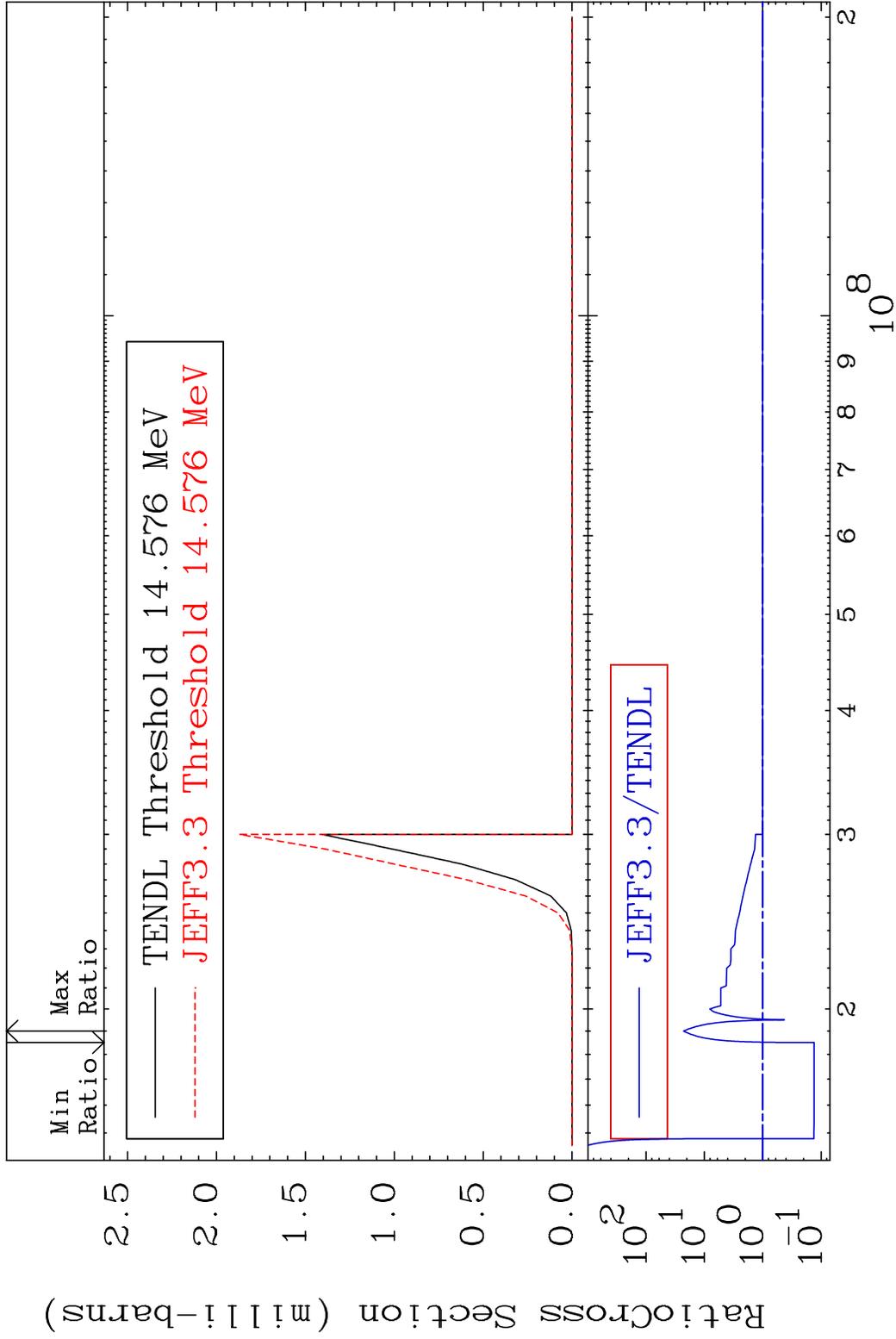


8  $^{22}\text{Ti-46}$

MAT 2225 (n, n') p 22-Ti-46  
 Cross Section -30.76 To 334.1 %

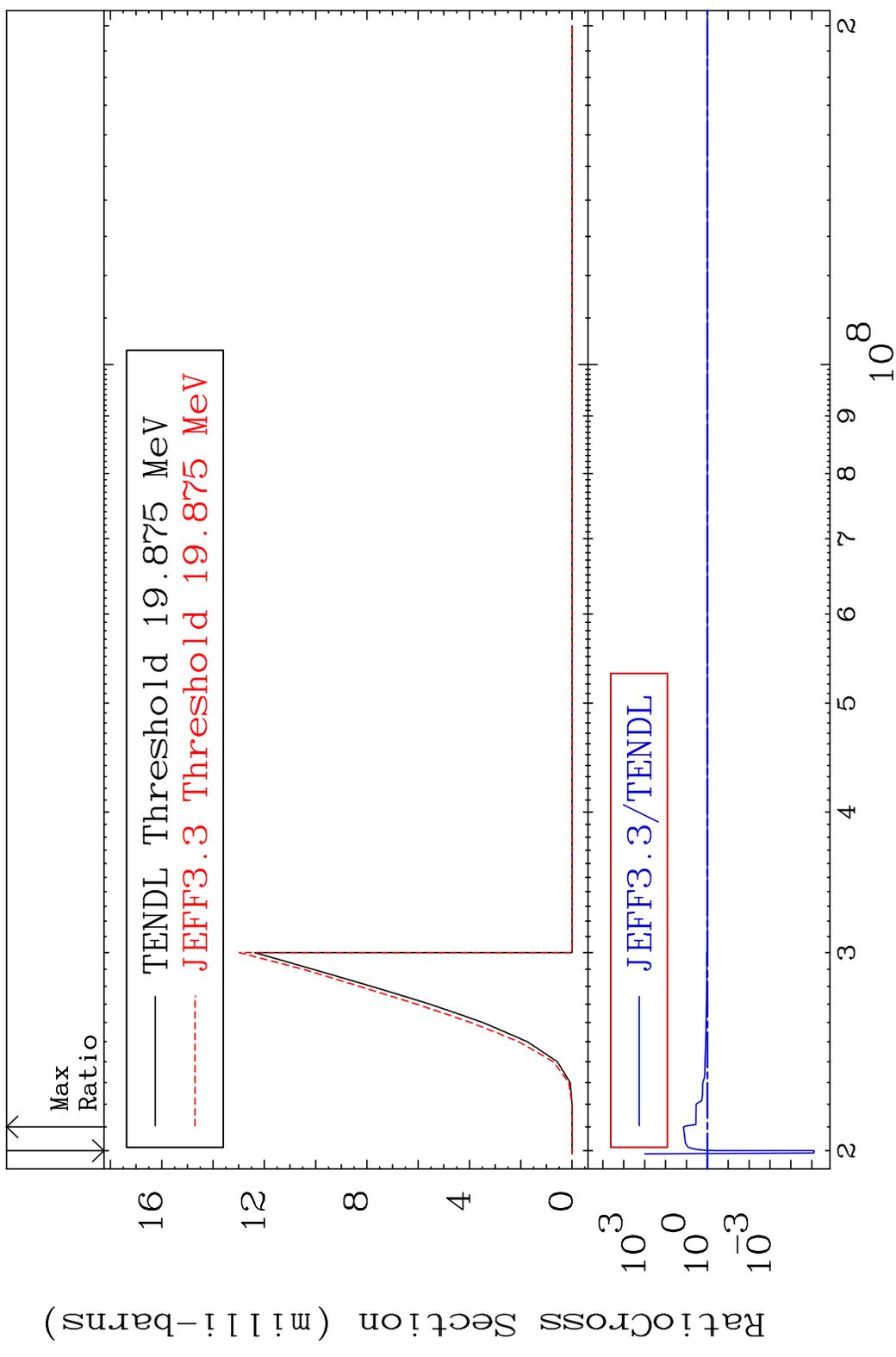


MAT 2225 (n, n') 2α 22-Ti-46  
 Cross Section -86.78 To 2182. %



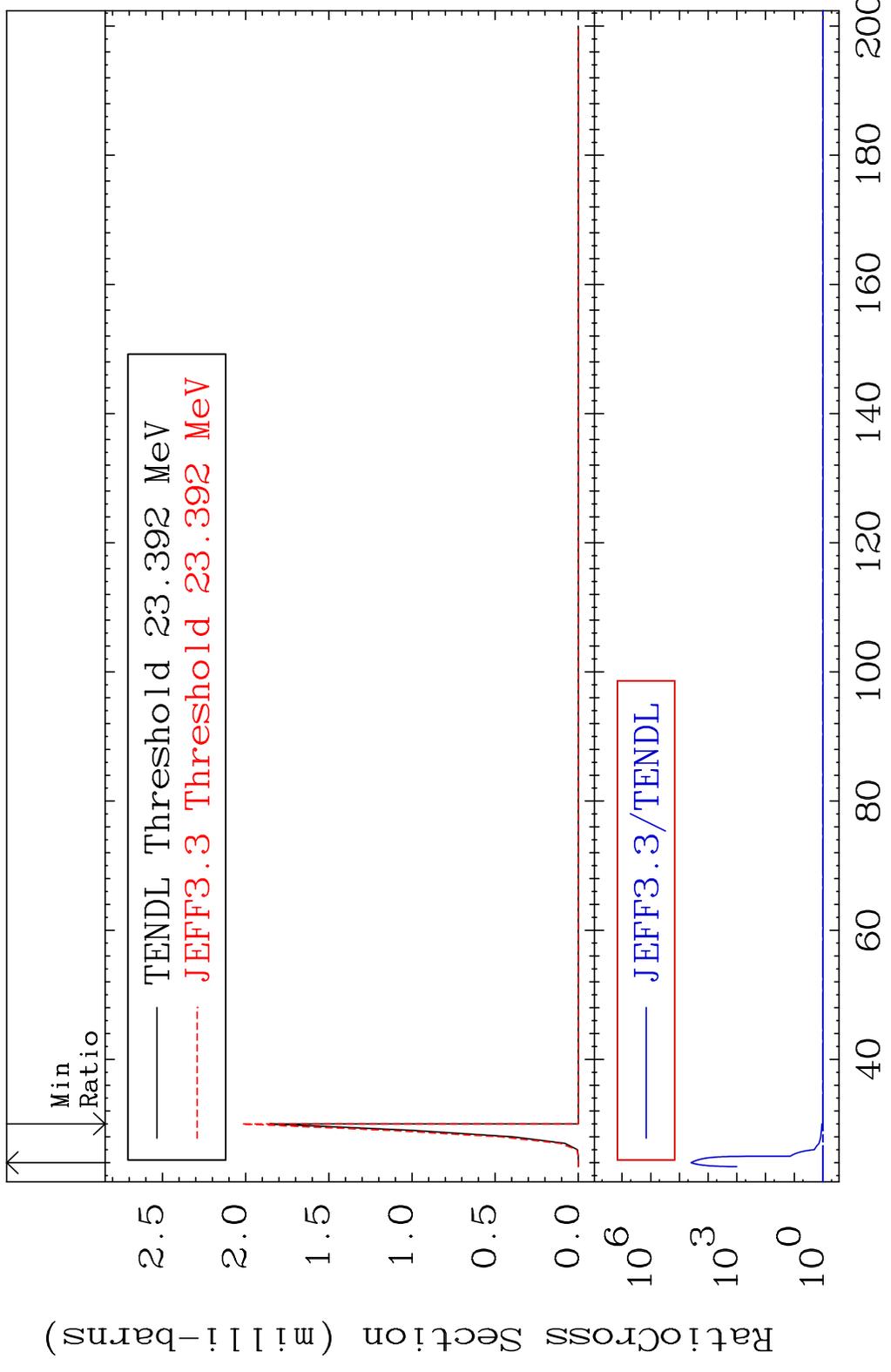
10 Incident Energy (eV) 22-Ti-46

MAT 2225 (n, n') d 22-Ti-46  
 Cross Section -100.0 To 1275. %



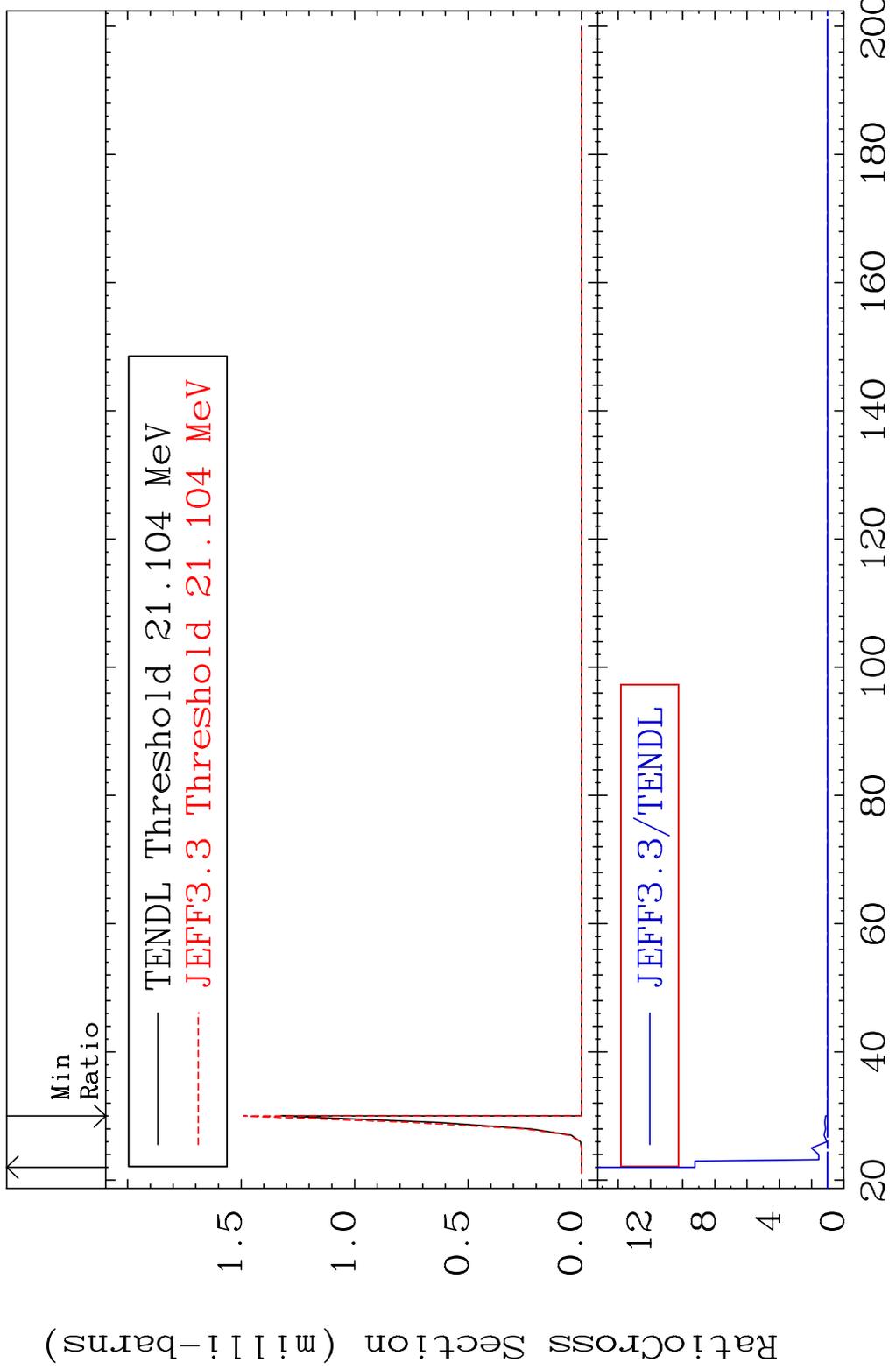
11 22-Ti-46

MAT 2225 (n, n') t 22-Ti-46  
 Cross Section 0.000 To 9999. %



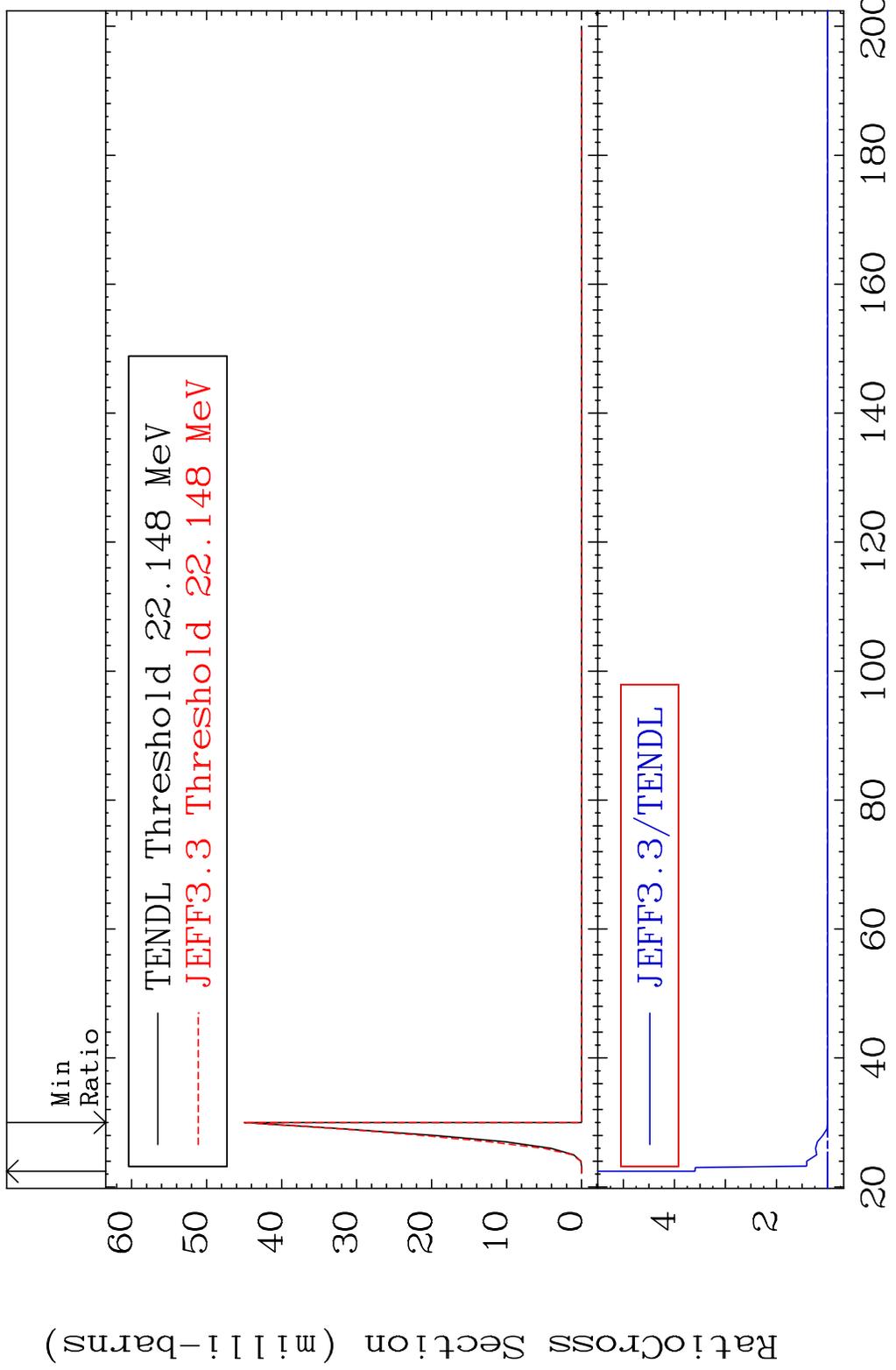
12 Incident Energy (MeV) 22-Ti-46

MAT 2225 (n, n') He-3 22-Ti-46  
 Cross Section 0.000 To 824.2 %



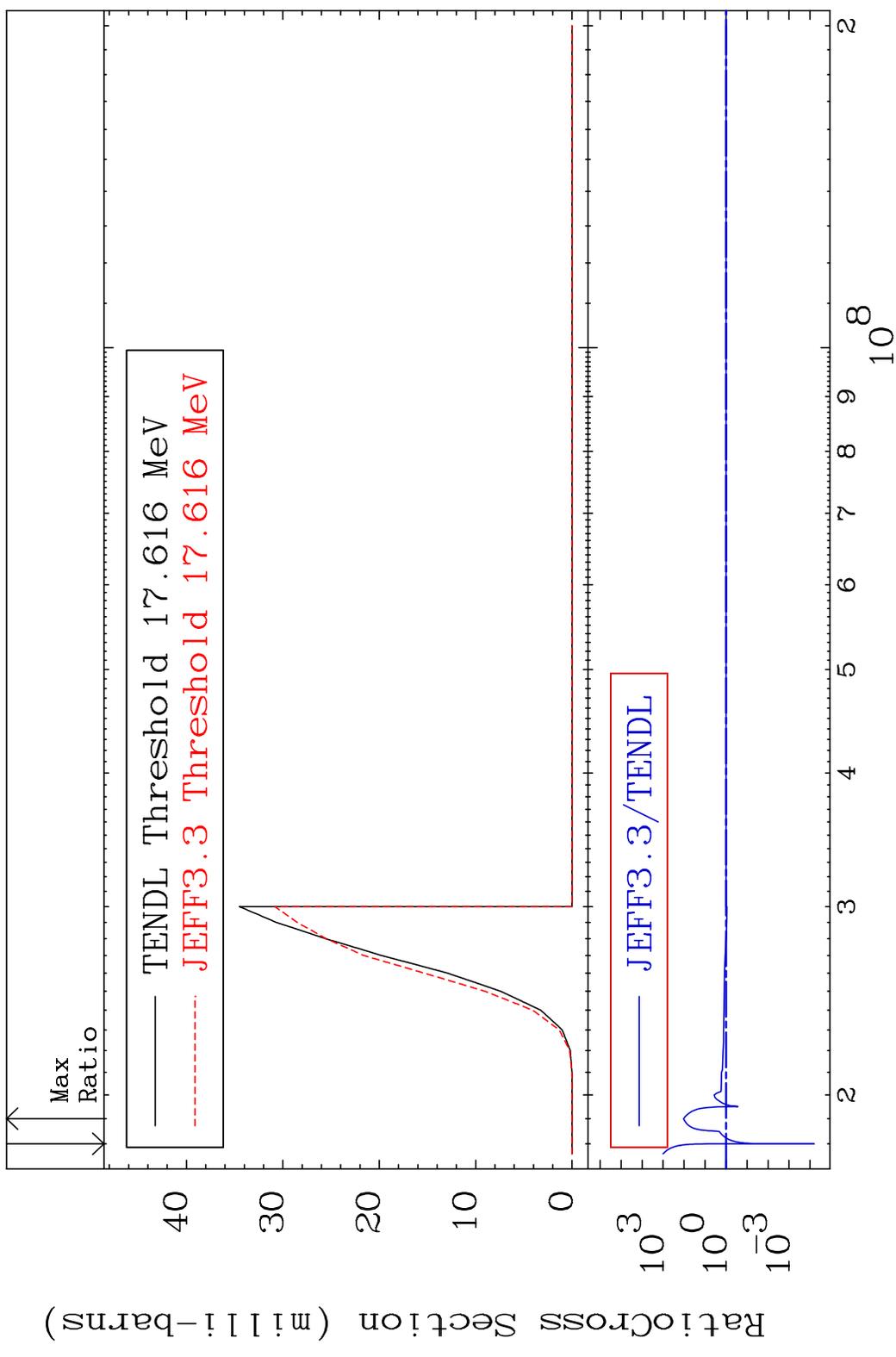
13 22-Ti-46

MAT 2225 (n, 2n) p 22-Ti-46  
Cross Section 0.000 To 259.9 %

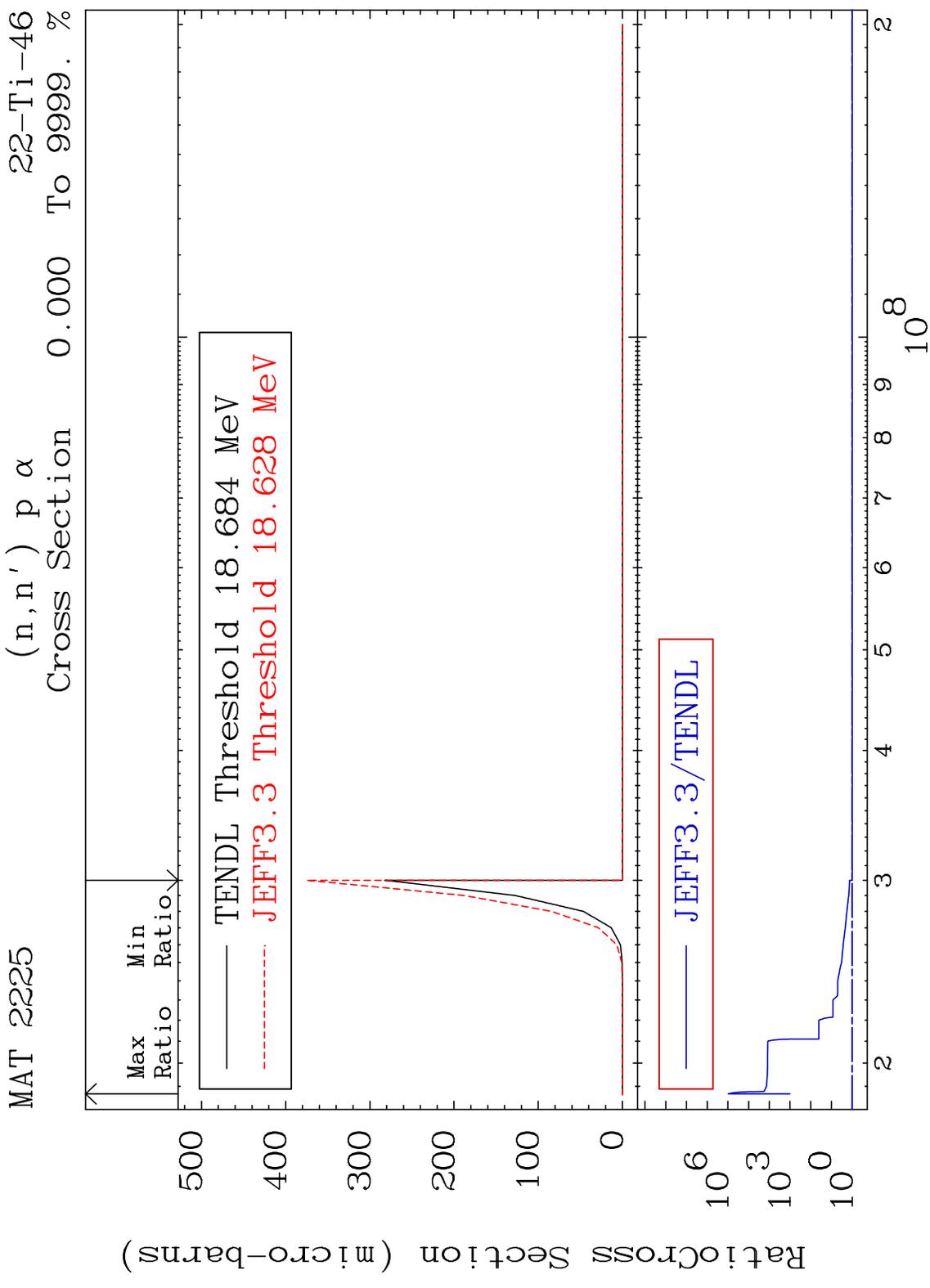


14 Incident Energy (MeV) 22-Ti-46

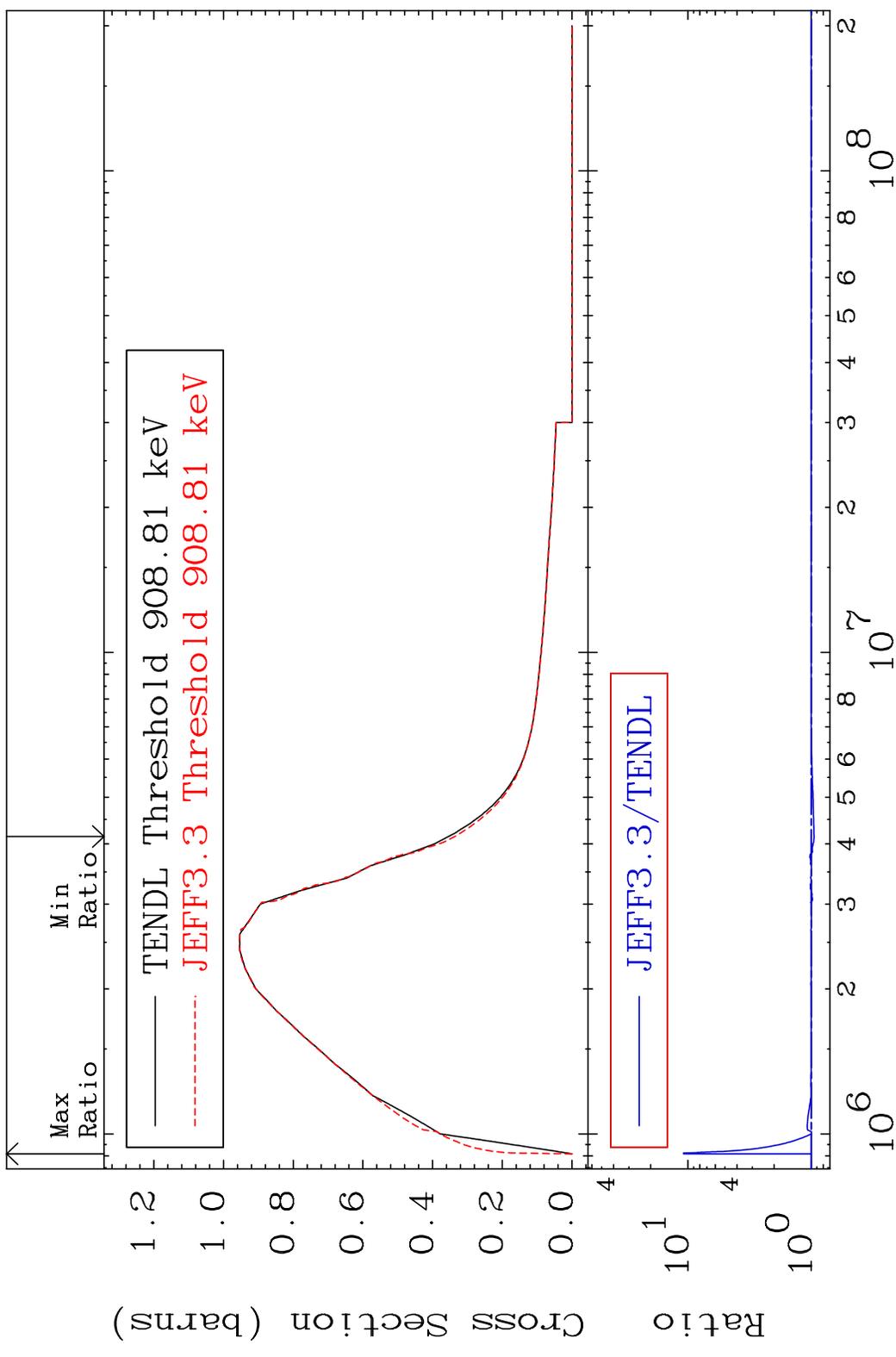
MAT 2225 (n,2n) p 22-Ti-46  
 Cross Section -99.99 To 9999. %



15 22-Ti-46

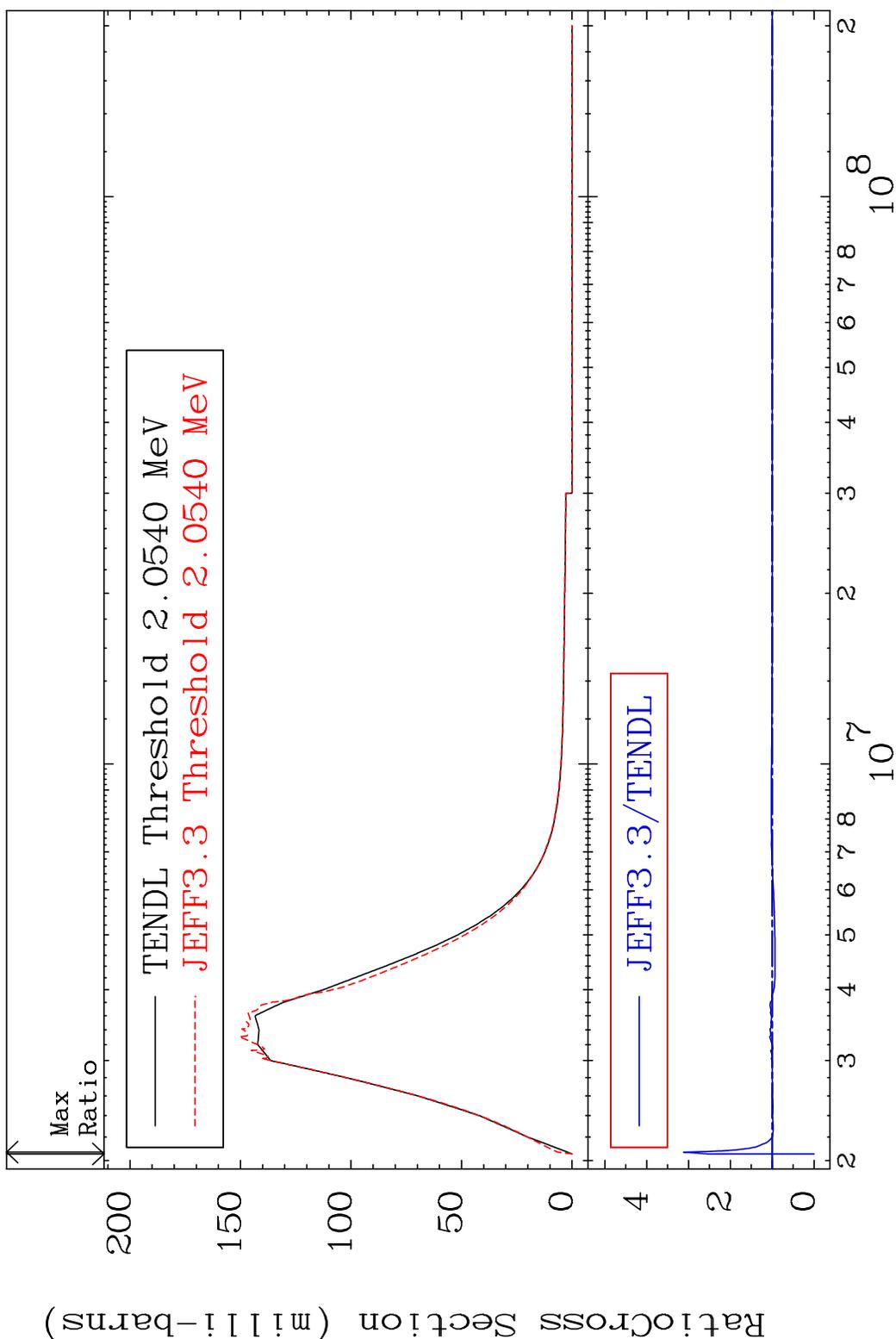


MAT 2225 MT= 51 (n, n') Level 22-Ti-46  
 Cross Section -5.130 To 984.6 %



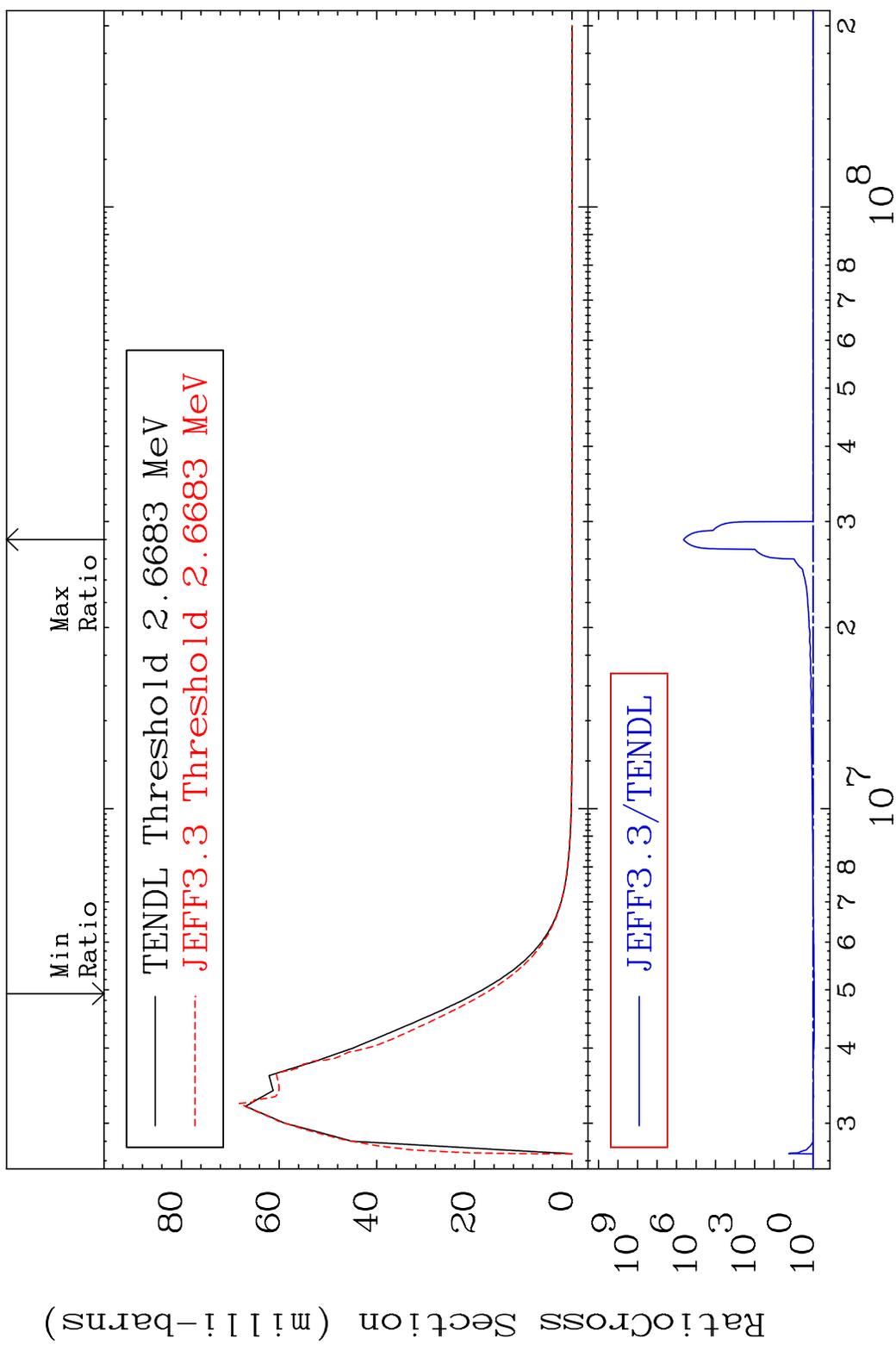
17 Incident Energy (eV) 22-Ti-46

MAT 2225 MT= 52 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 212.1 %

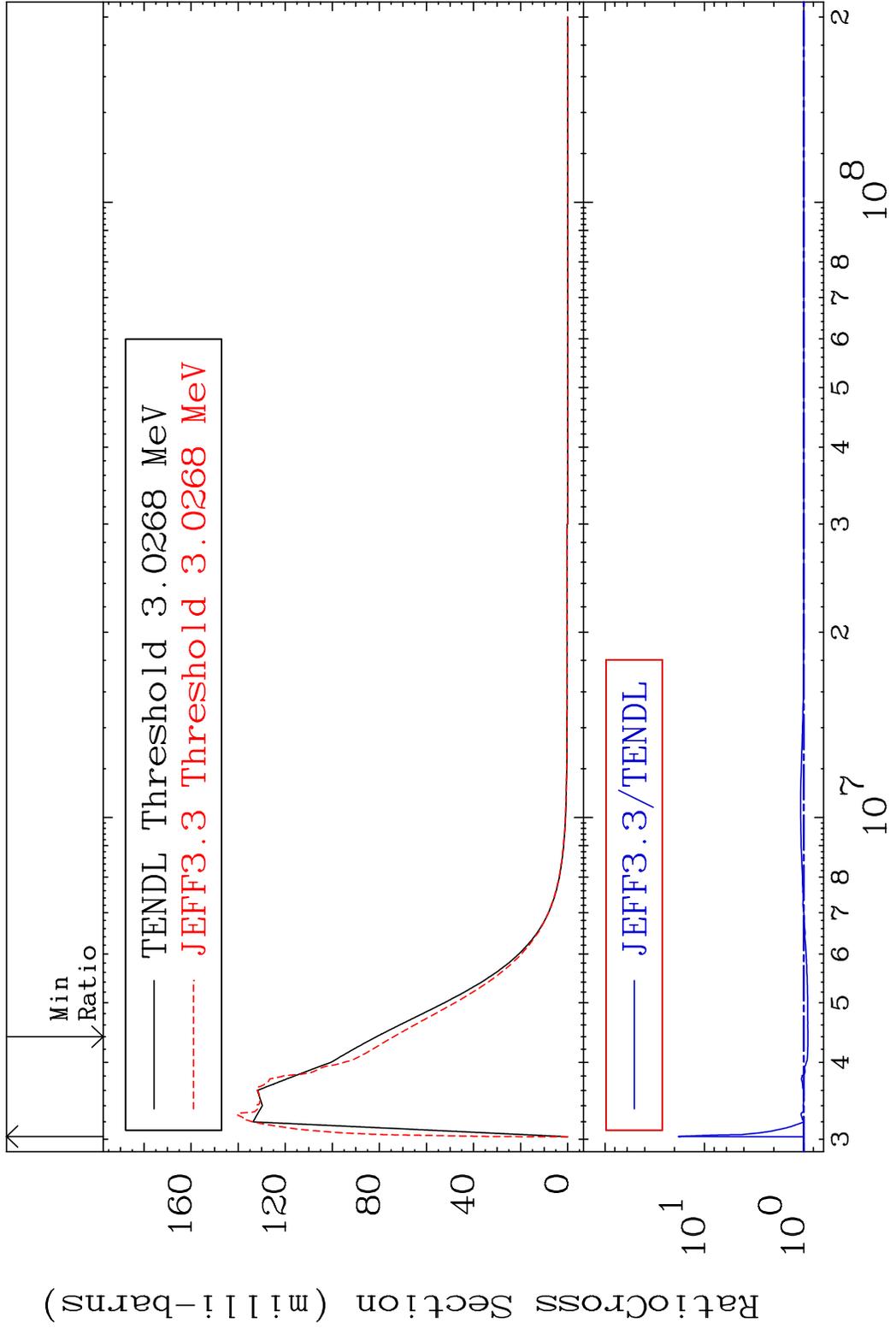


18 Incident Energy (eV) 22-Ti-46

MAT 2225 MT= 53 (n, n') Level 22-Ti-46  
 Cross Section -9.463 To 9999. %

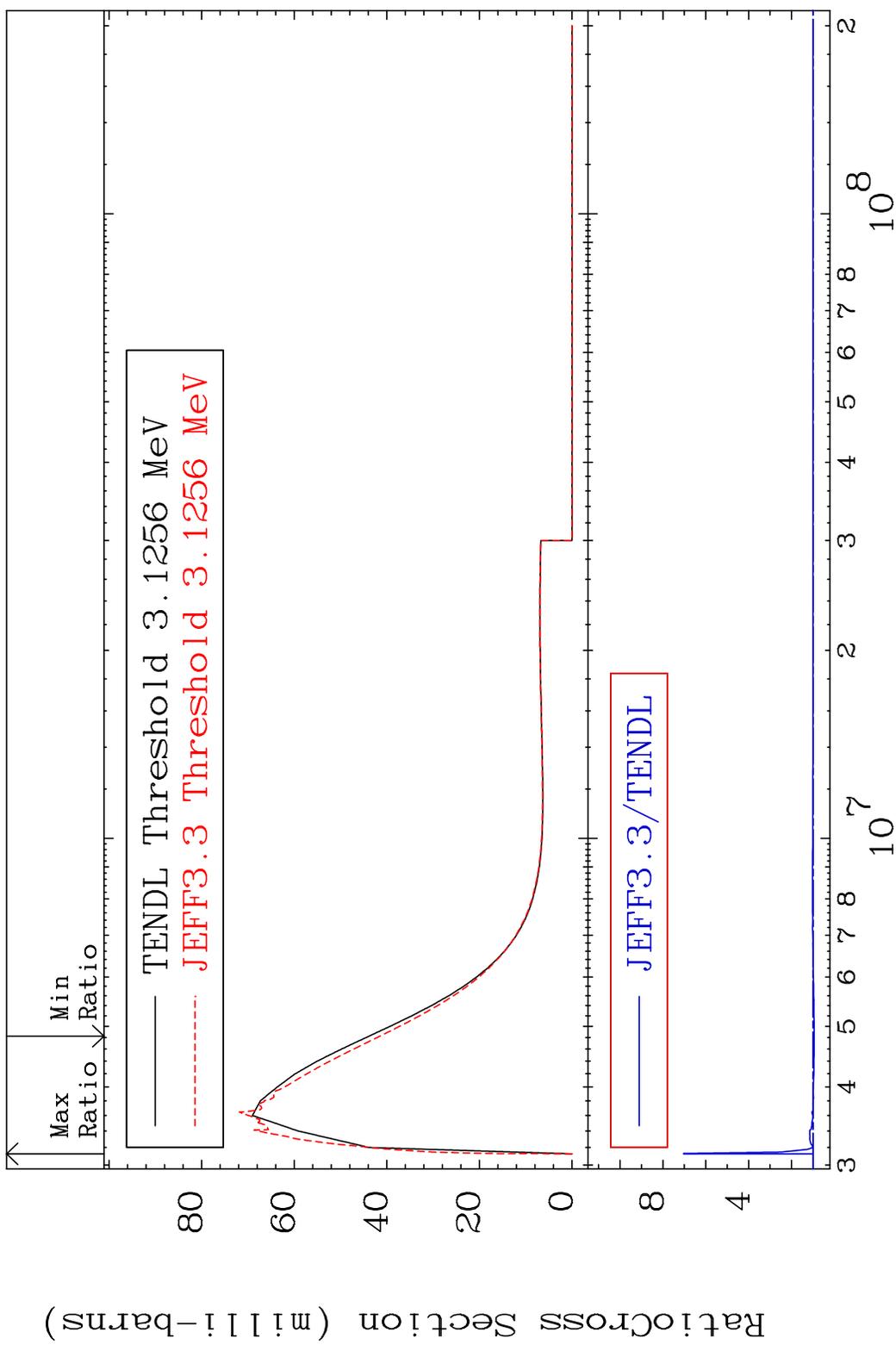


MAT 2225 MT= 54 (n, n') Level 22-Ti-46  
Cross Section -9.000 To 1734. %



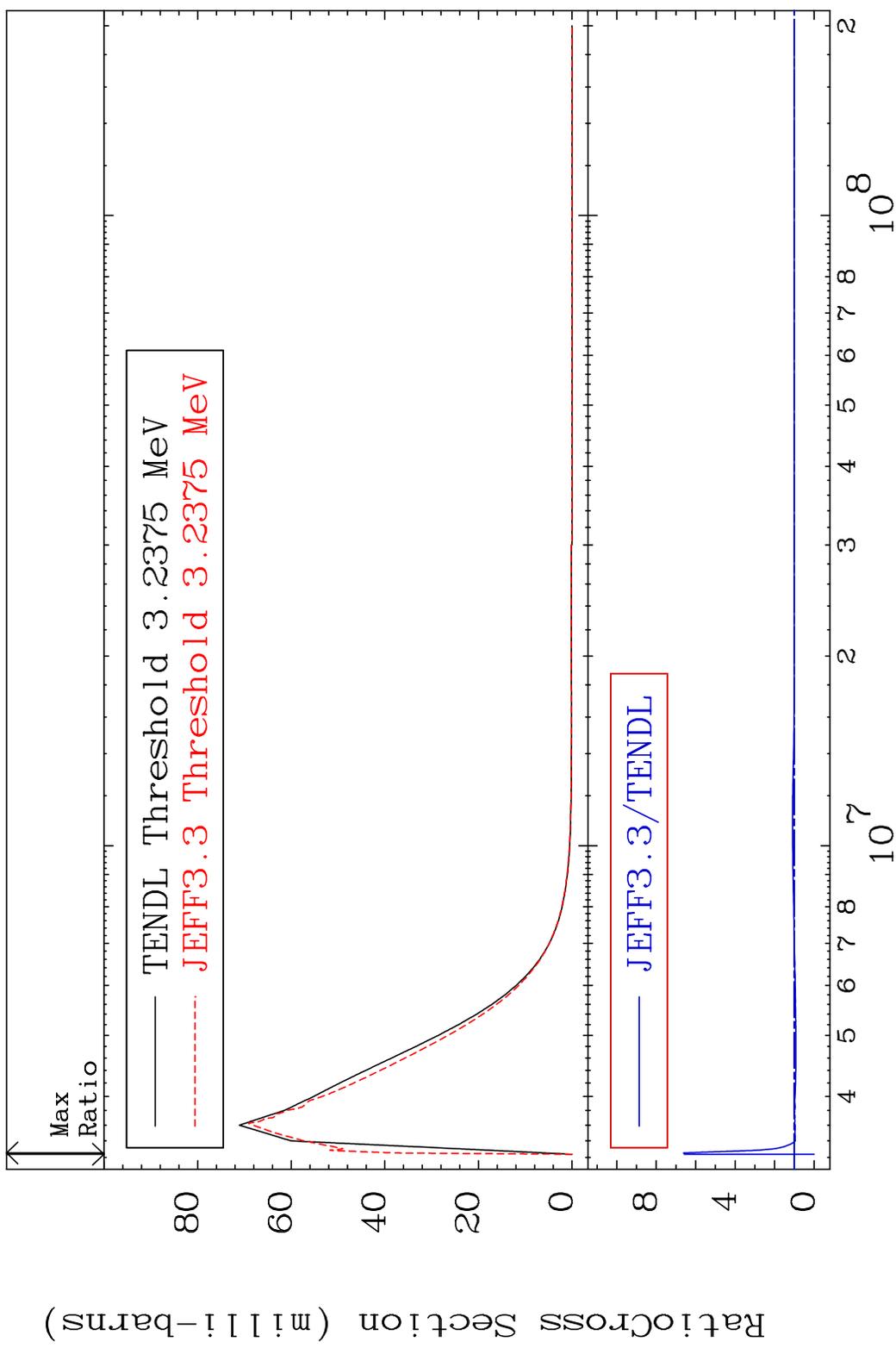
20 Incident Energy (eV) 22-Ti-46

MAT 2225 MT= 55 (n, n') Level 22-Ti-46  
 Cross Section -5.350 To 603.8 %



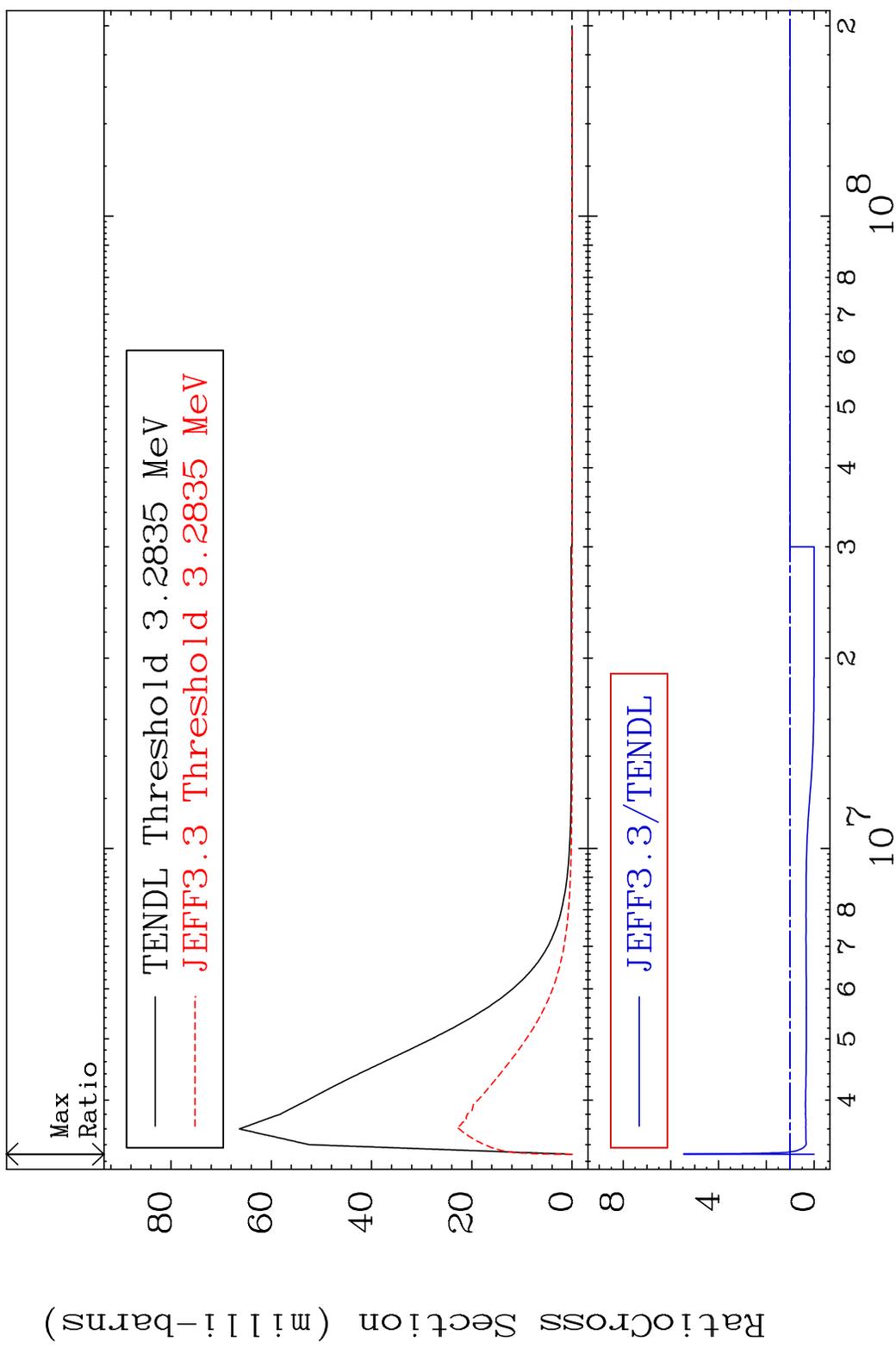
21 22-Ti-46

MAT 2225 MT= 56 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 561.6 %

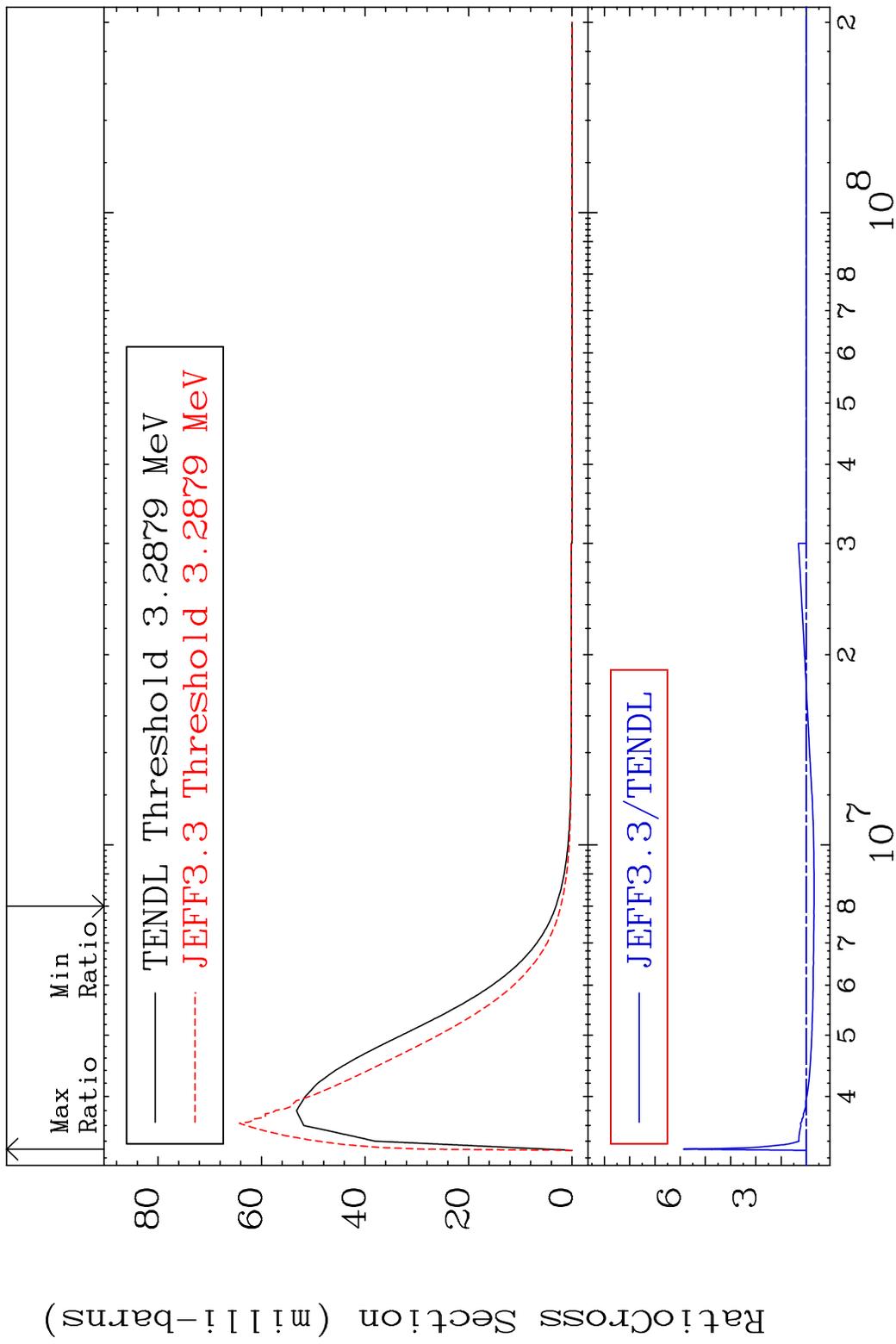


22 Incident Energy (eV) 22-Ti-46

MAT 2225 MT= 57 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 447.0 %

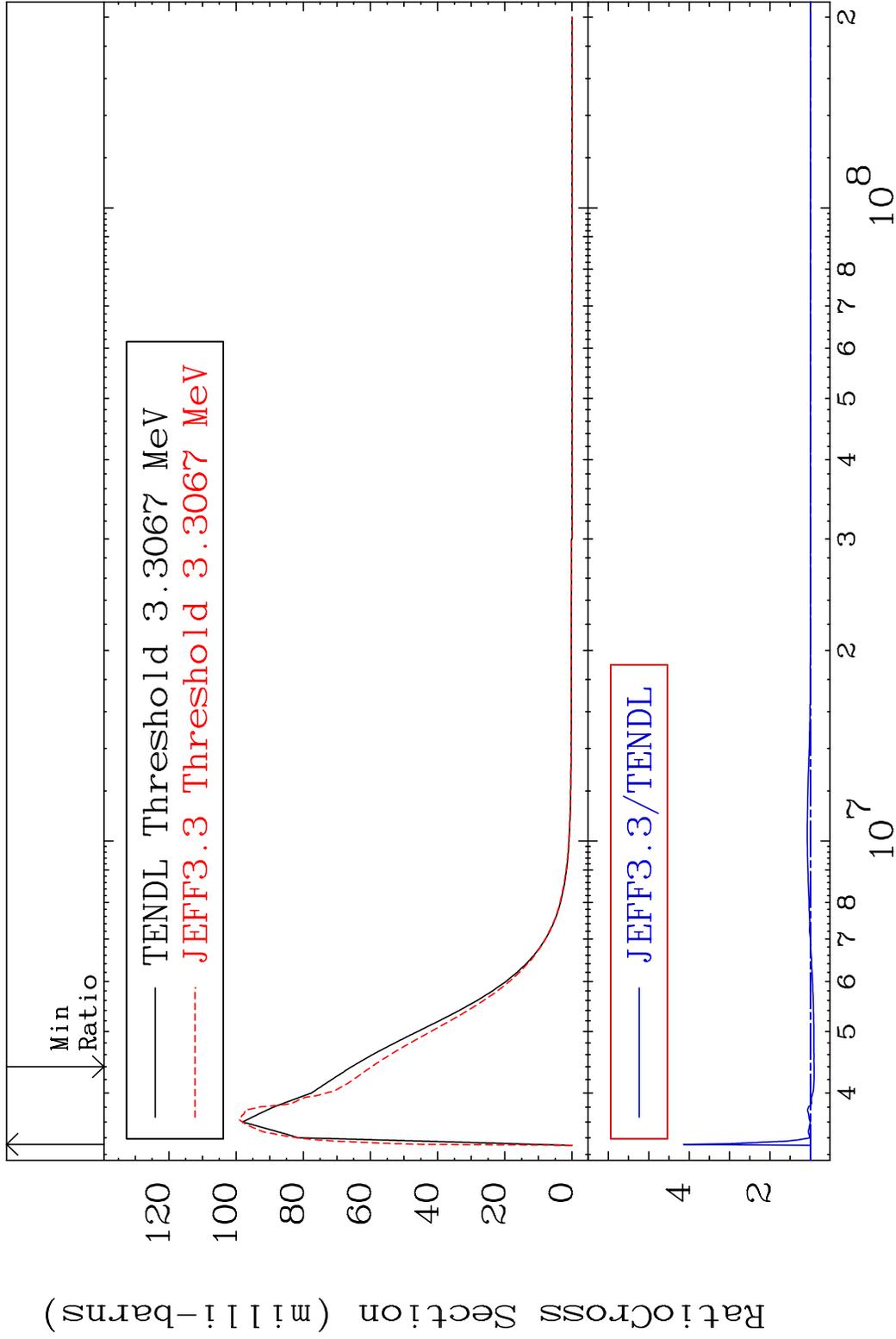


MAT 2225 MT= 58 (n, n') Level 22-Ti-46  
 Cross Section -30.52 To 486.6 %



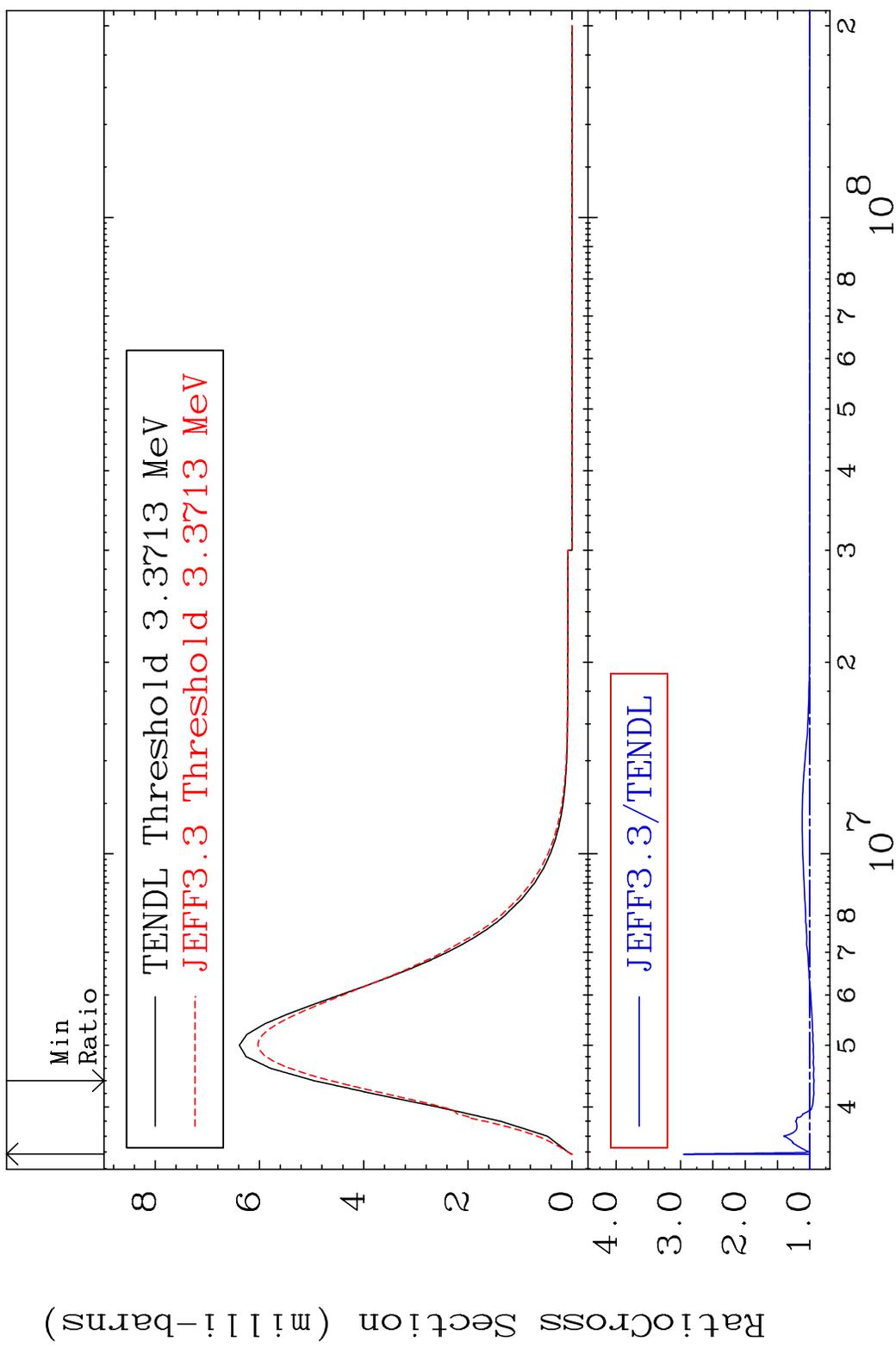
24 22-Ti-46

MAT 2225 MT= 59 (n, n') Level 22-Ti-46  
 Cross Section -9.057 To 314.0 %

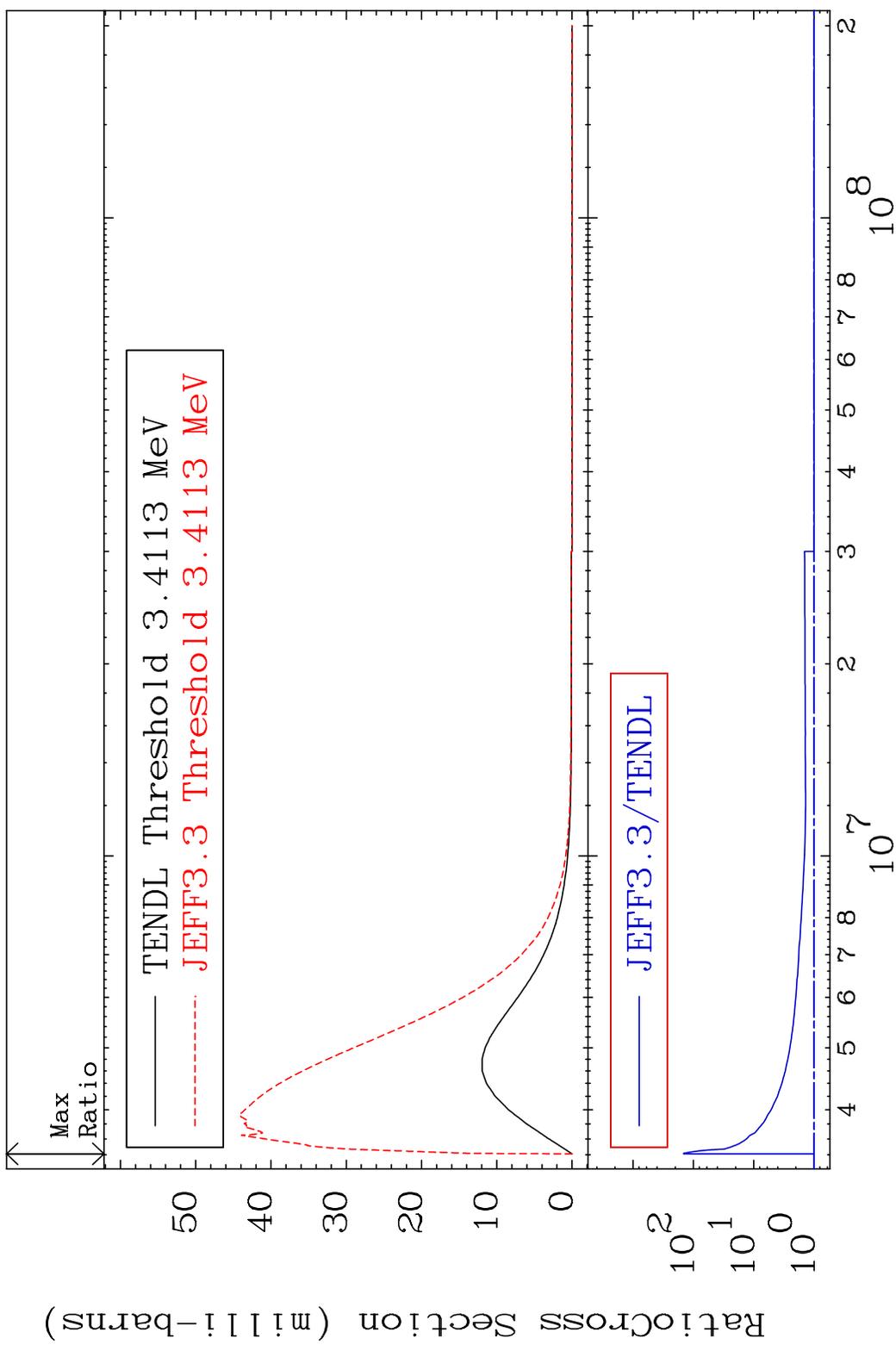


25 22-Ti-46

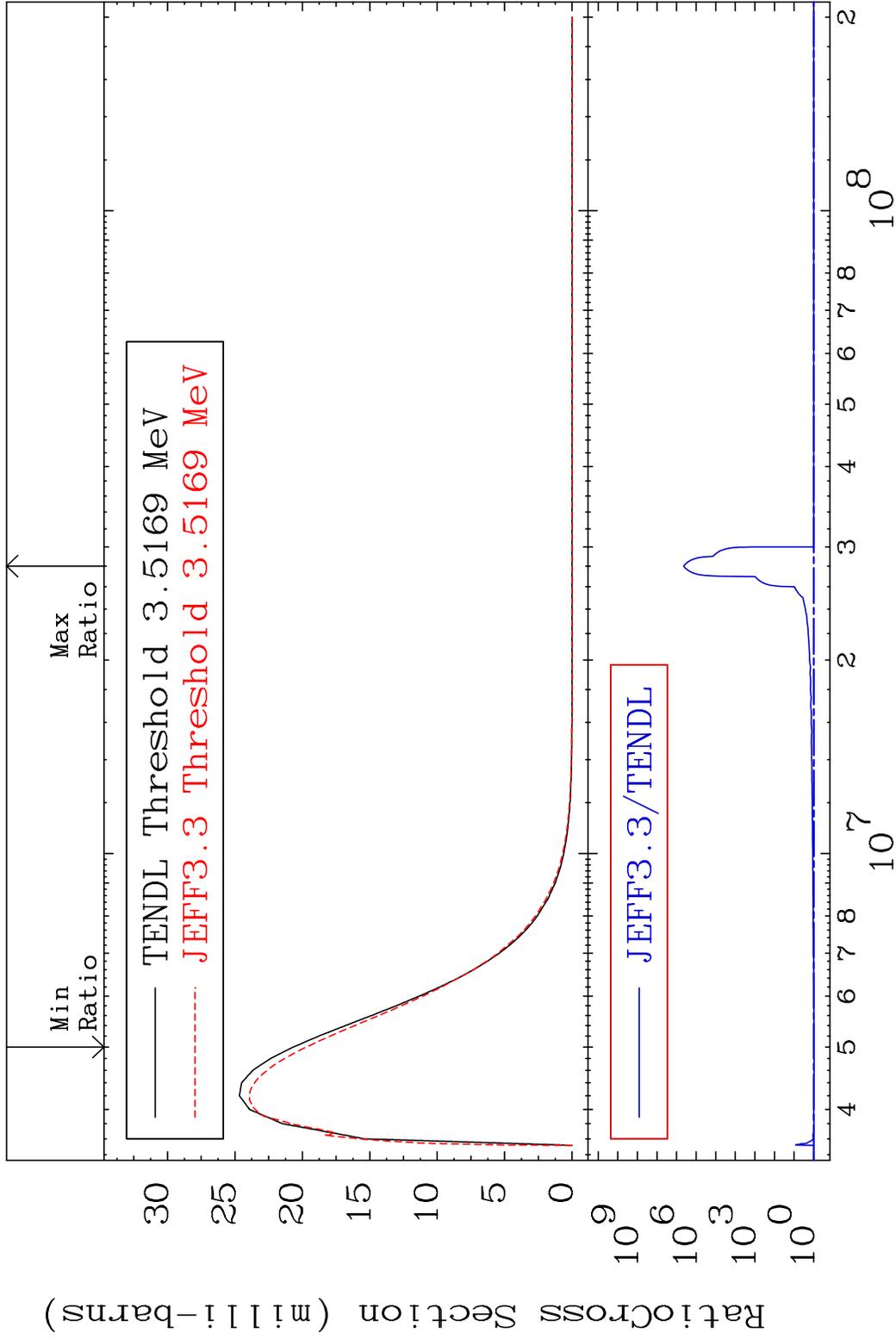
MAT 2225 MT= 60 (n, n') Level 22-Ti-46  
Cross Section -6.711 To 195.5 %



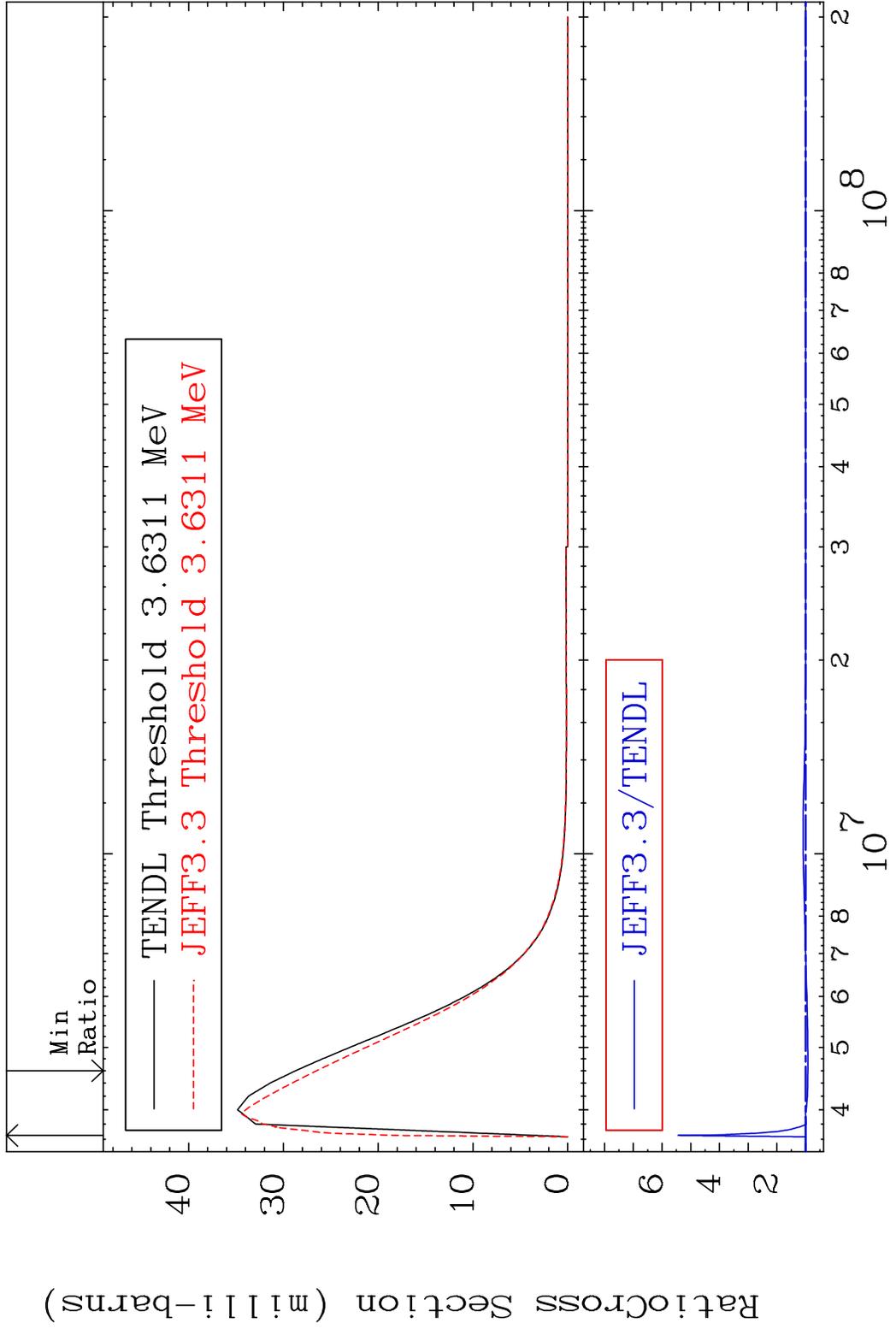
MAT 2225 MT= 61 (n, n') Level 22-Ti-46  
 Cross Section 0.000 To 9999. %



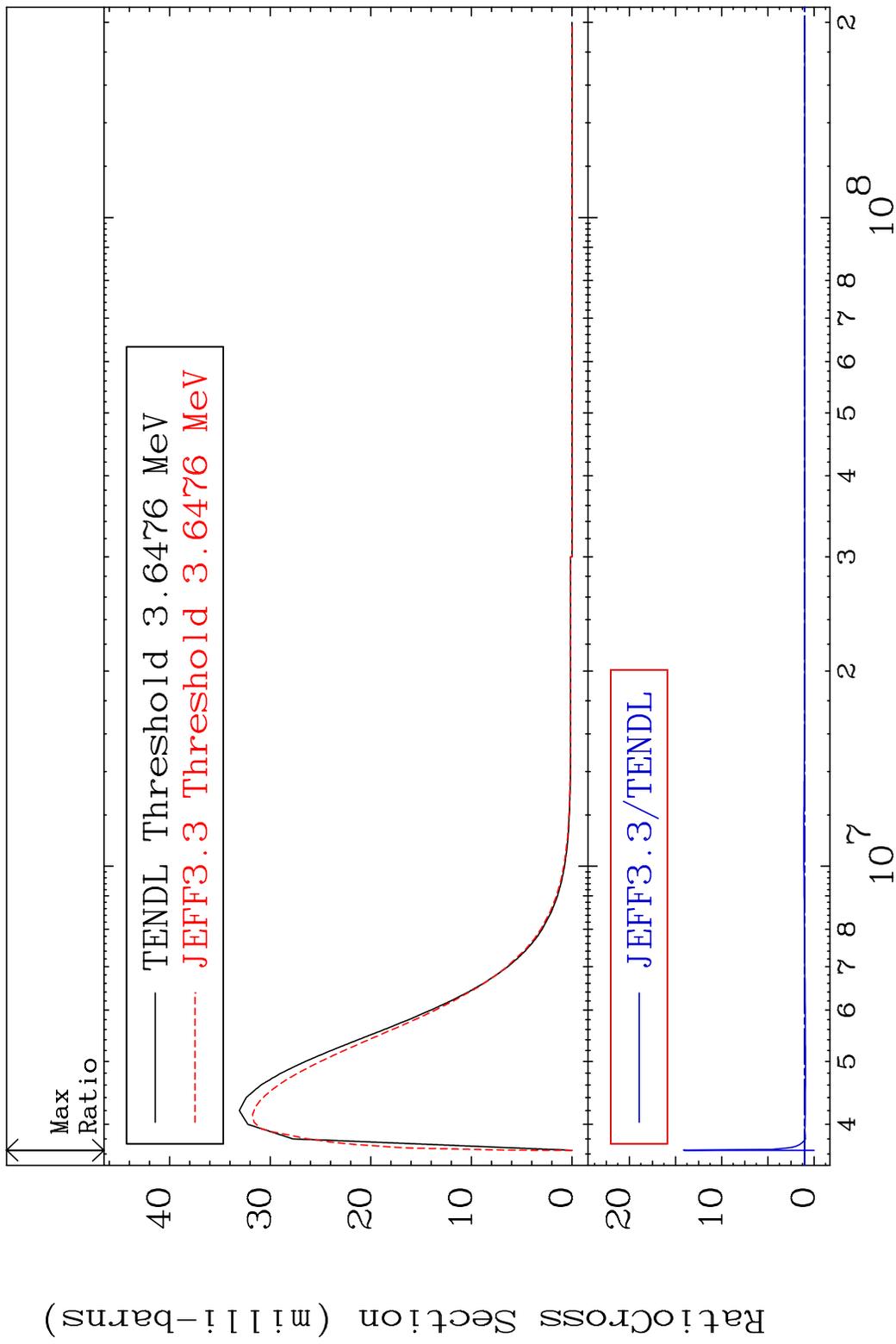
MAT 2225 MT= 62 (n, n') Level 22-Ti-46  
 Cross Section -4.677 To 9999. %



MAT 2225 MT= 63 (n, n') Level 22-Ti-46  
 Cross Section -7.725 To 443.3 %

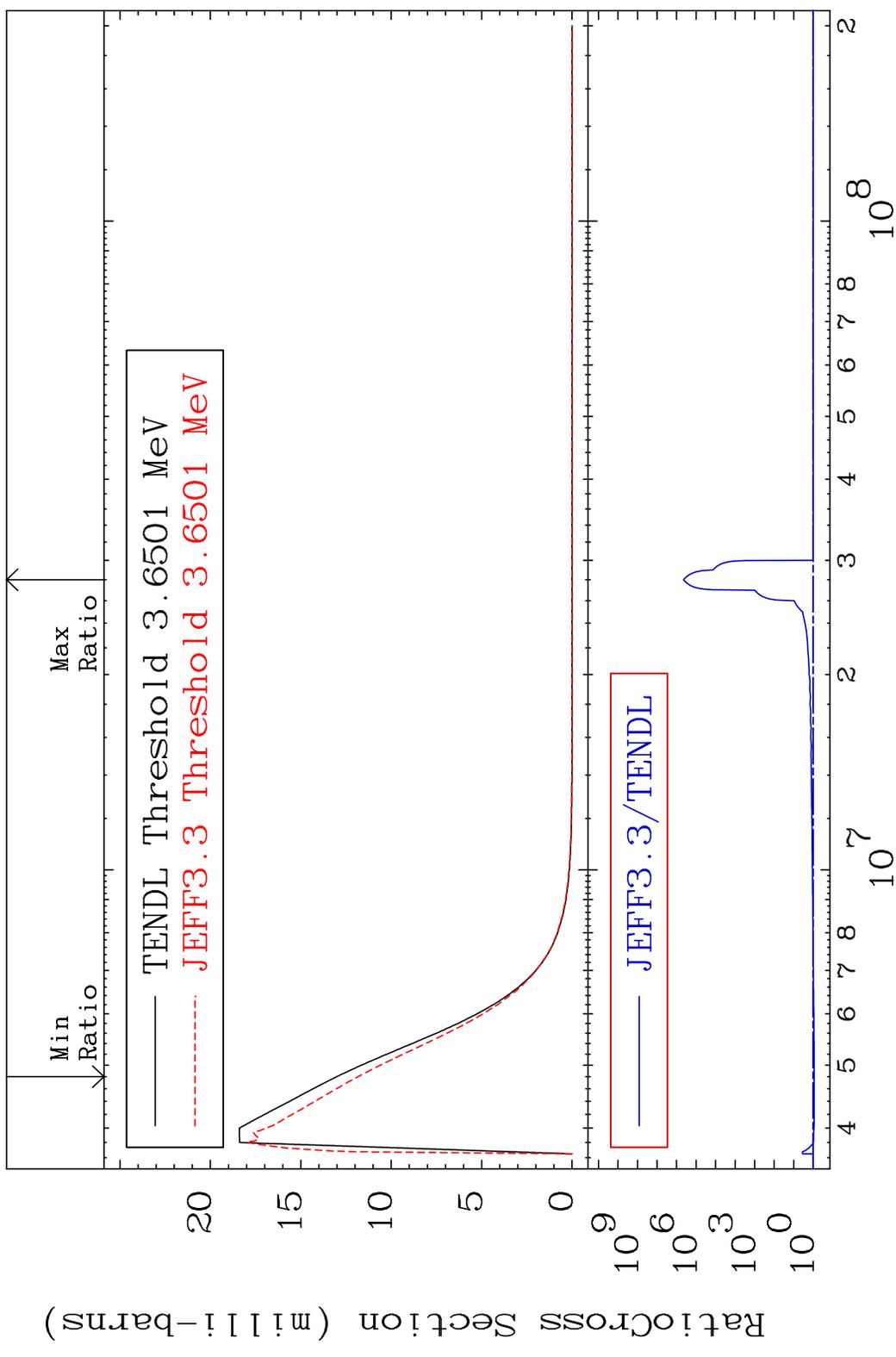


MAT 2225 MT= 64 (n, n') Level 22-Ti-46  
Cross Section -100.0 To 1313. %

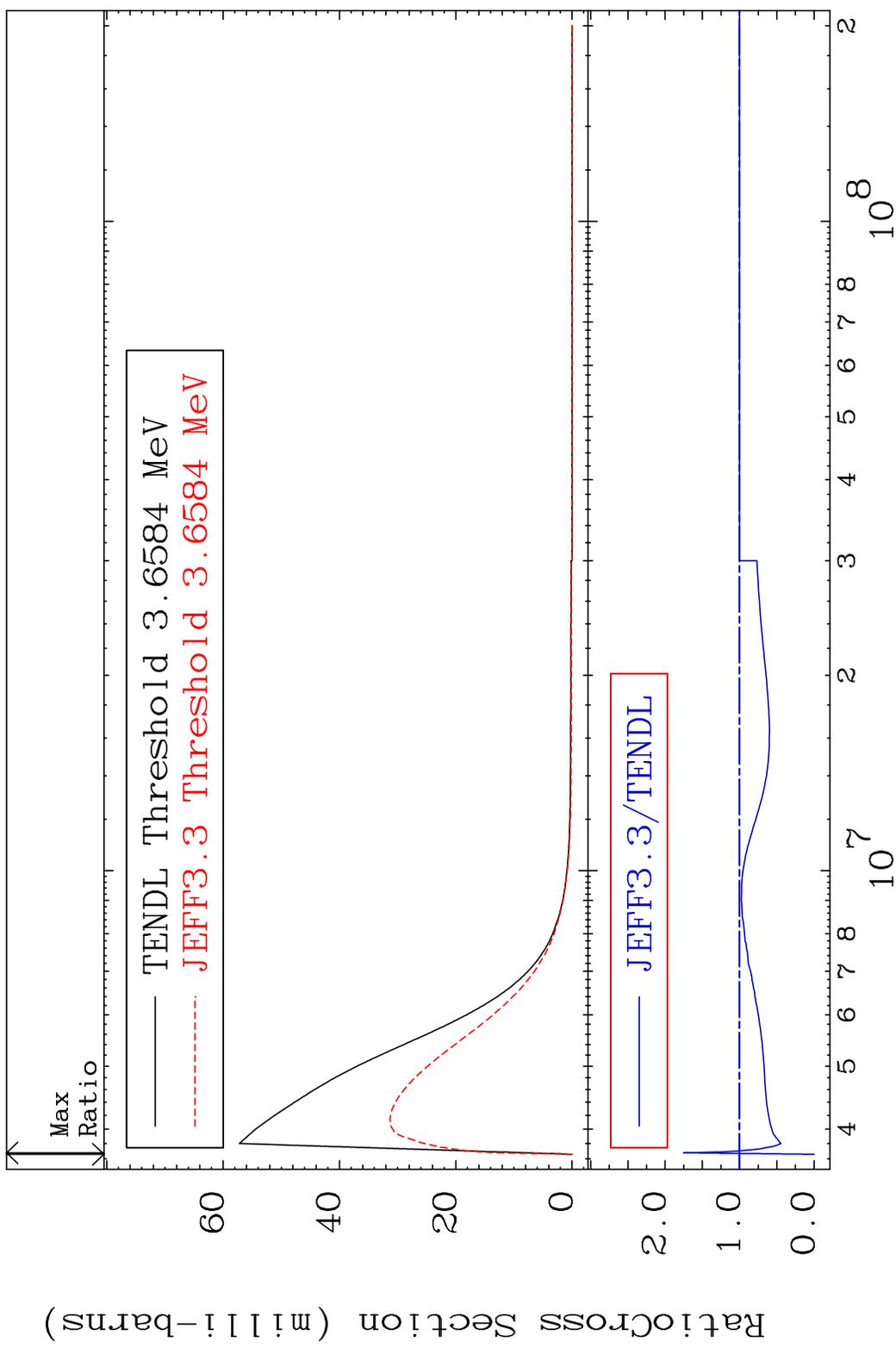


30

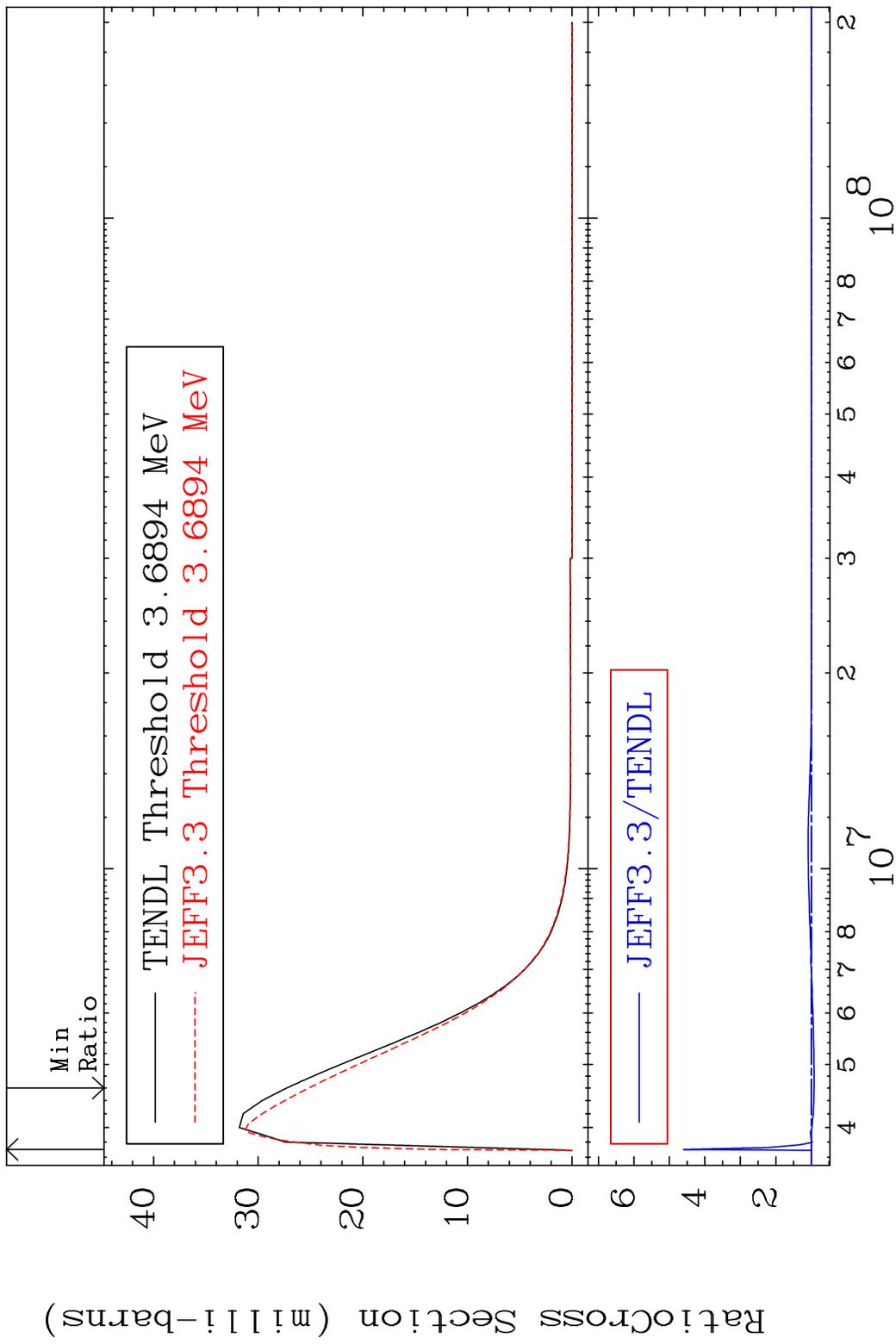
MAT 2225 MT= 65 (n, n') Level 22-Ti-46  
 Cross Section -9.049 To 9999. %



MAT 2225 MT= 66 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 75.30 %

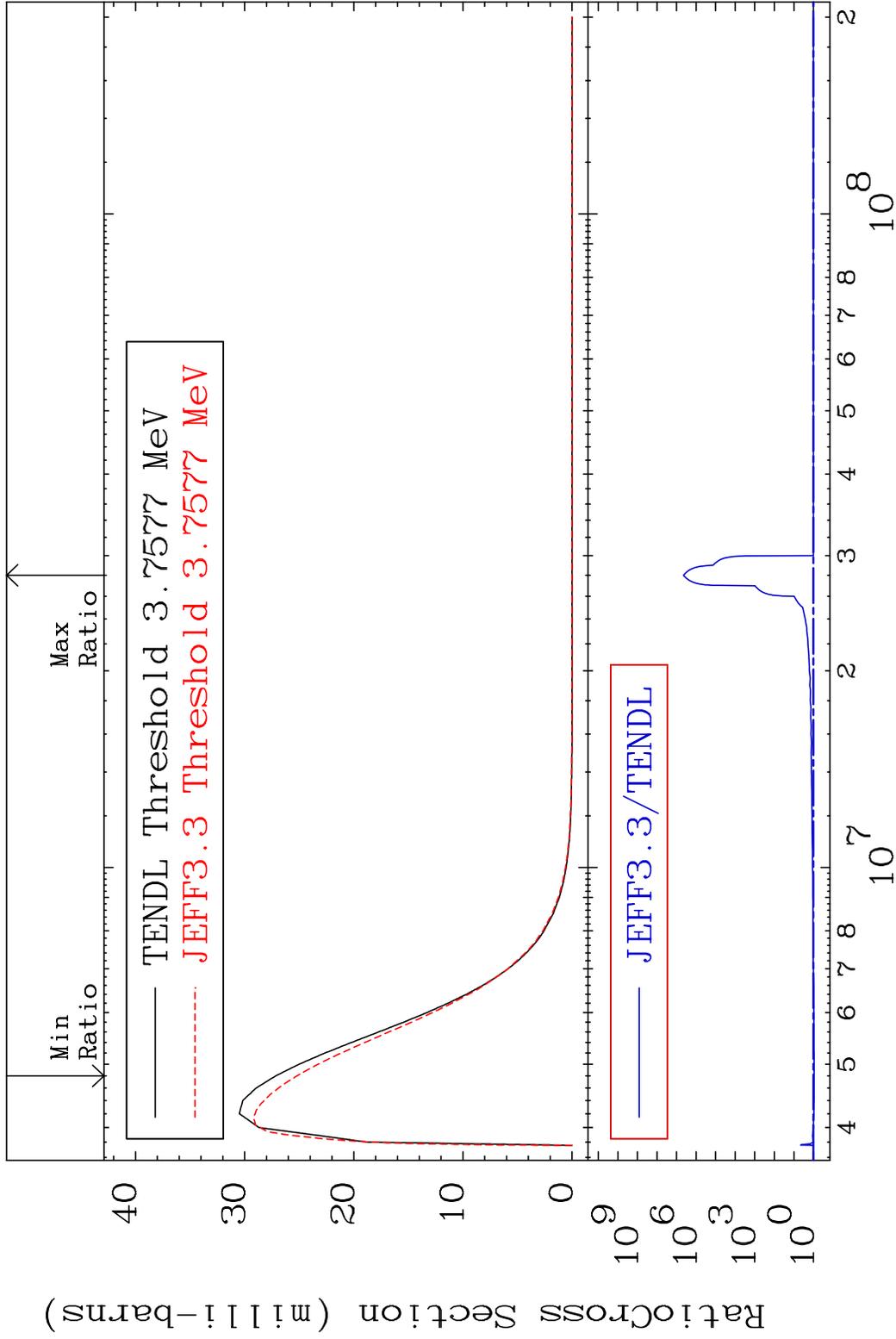


MAT 2225 MT= 67 (n, n') Level 22-Ti-46  
 Cross Section -7.766 To 360.2 %

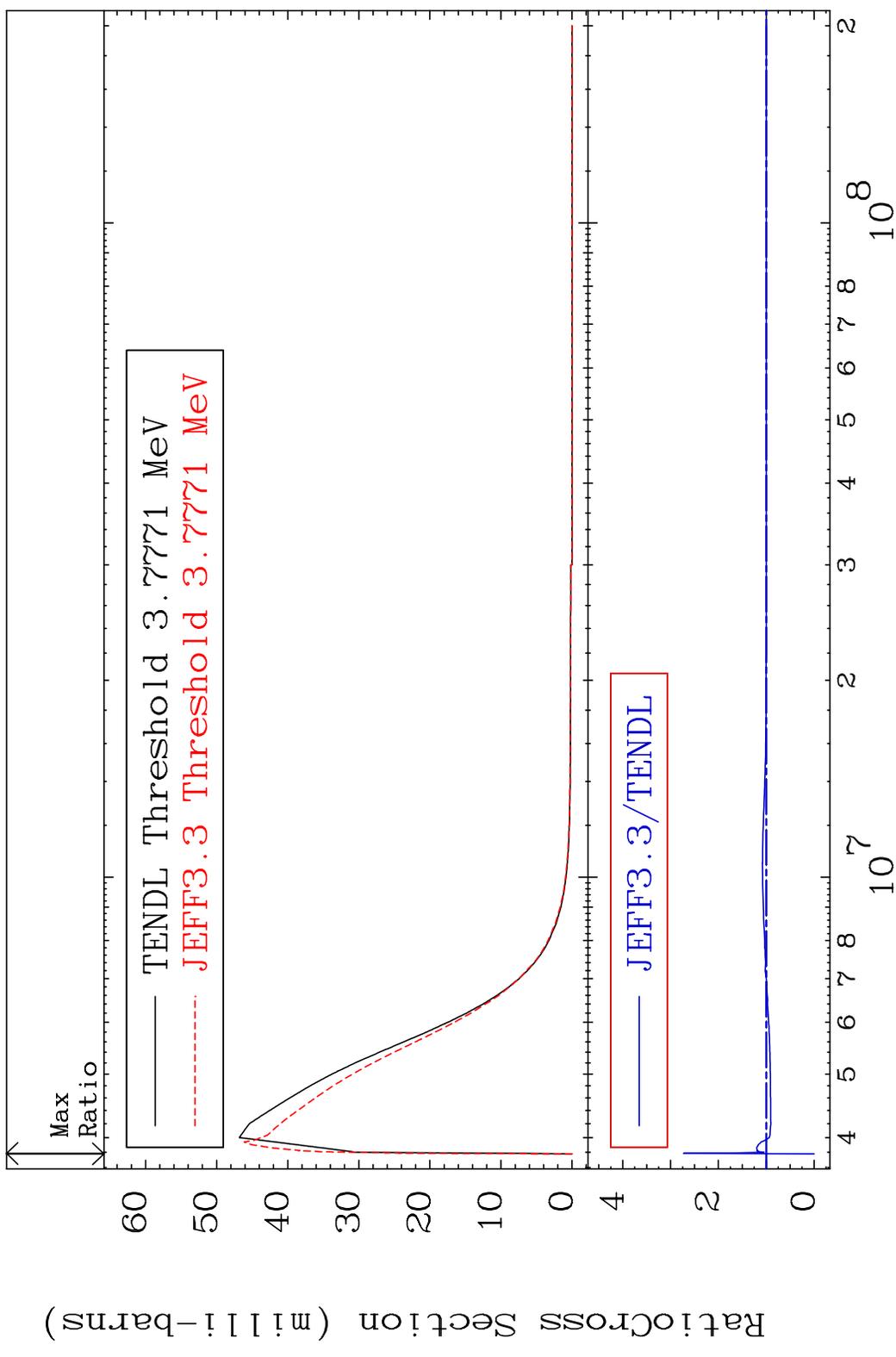


33 Incident Energy (eV) 22-Ti-46

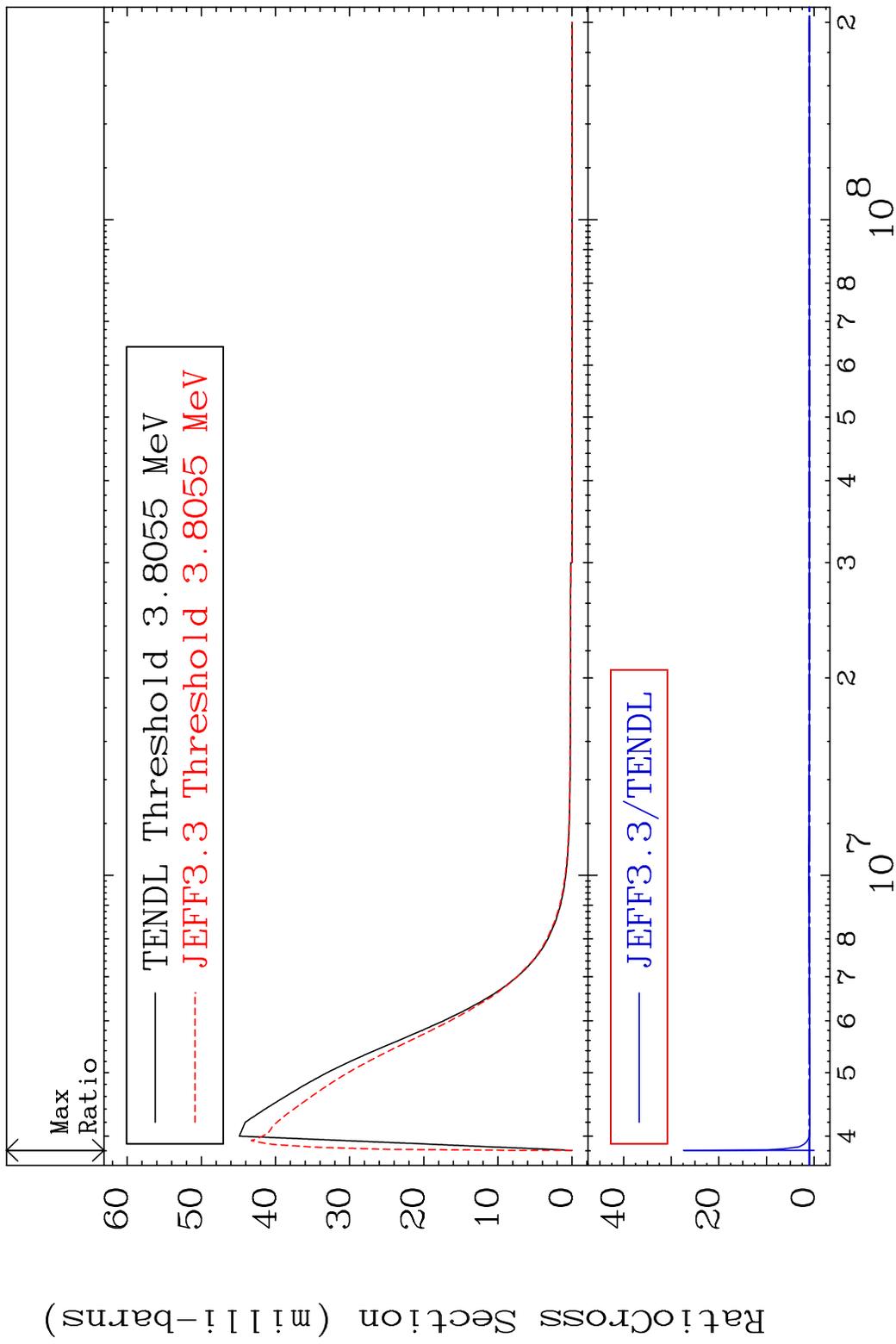
MAT 2225 MT= 68 (n, n') Level 22-Ti-46  
 Cross Section -7.127 To 9999. %



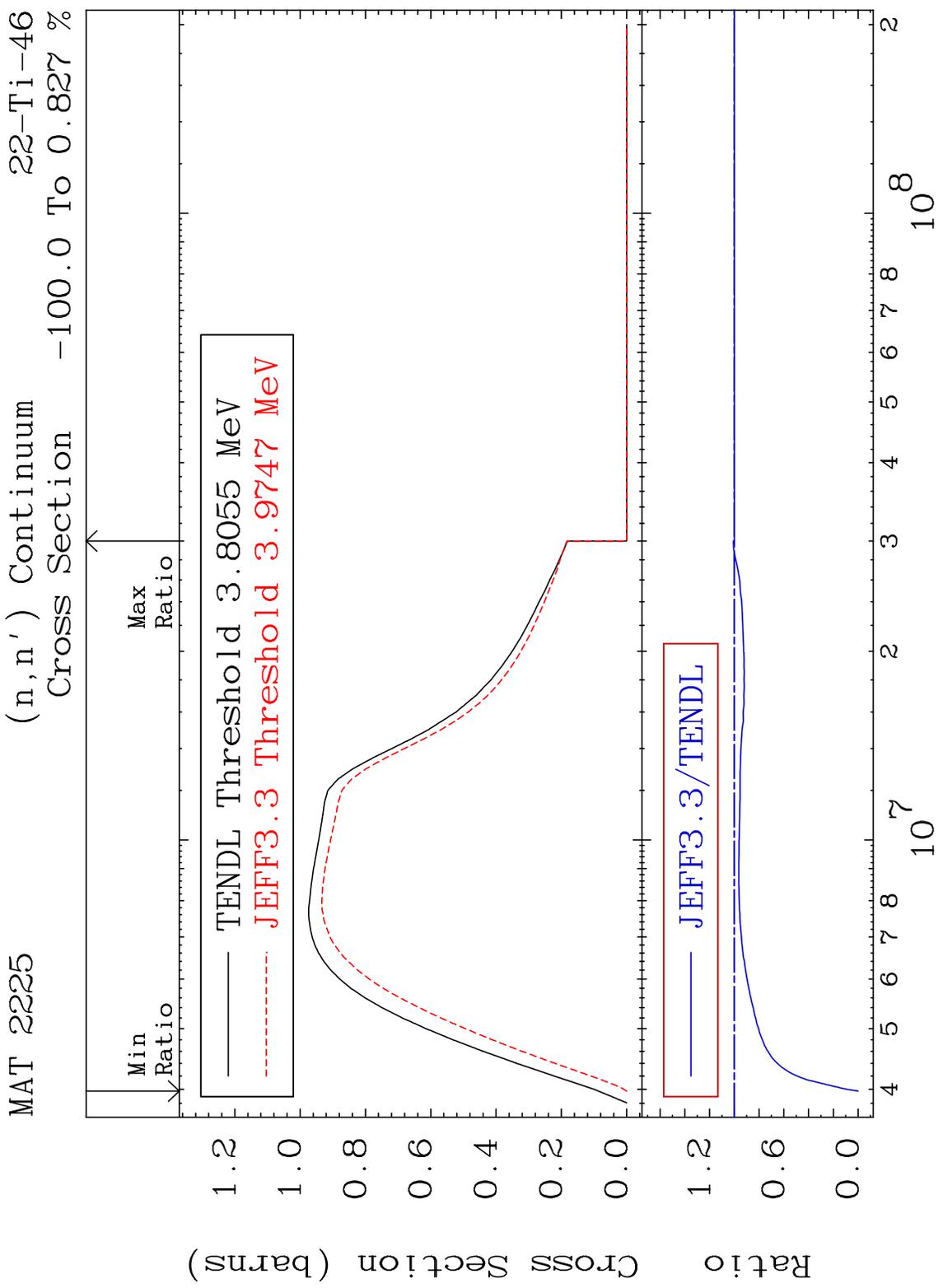
MAT 2225 MT= 69 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 172.9 %



MAT 2225 MT= 70 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 2643. %



36 Incident Energy (eV) 22-Ti-46

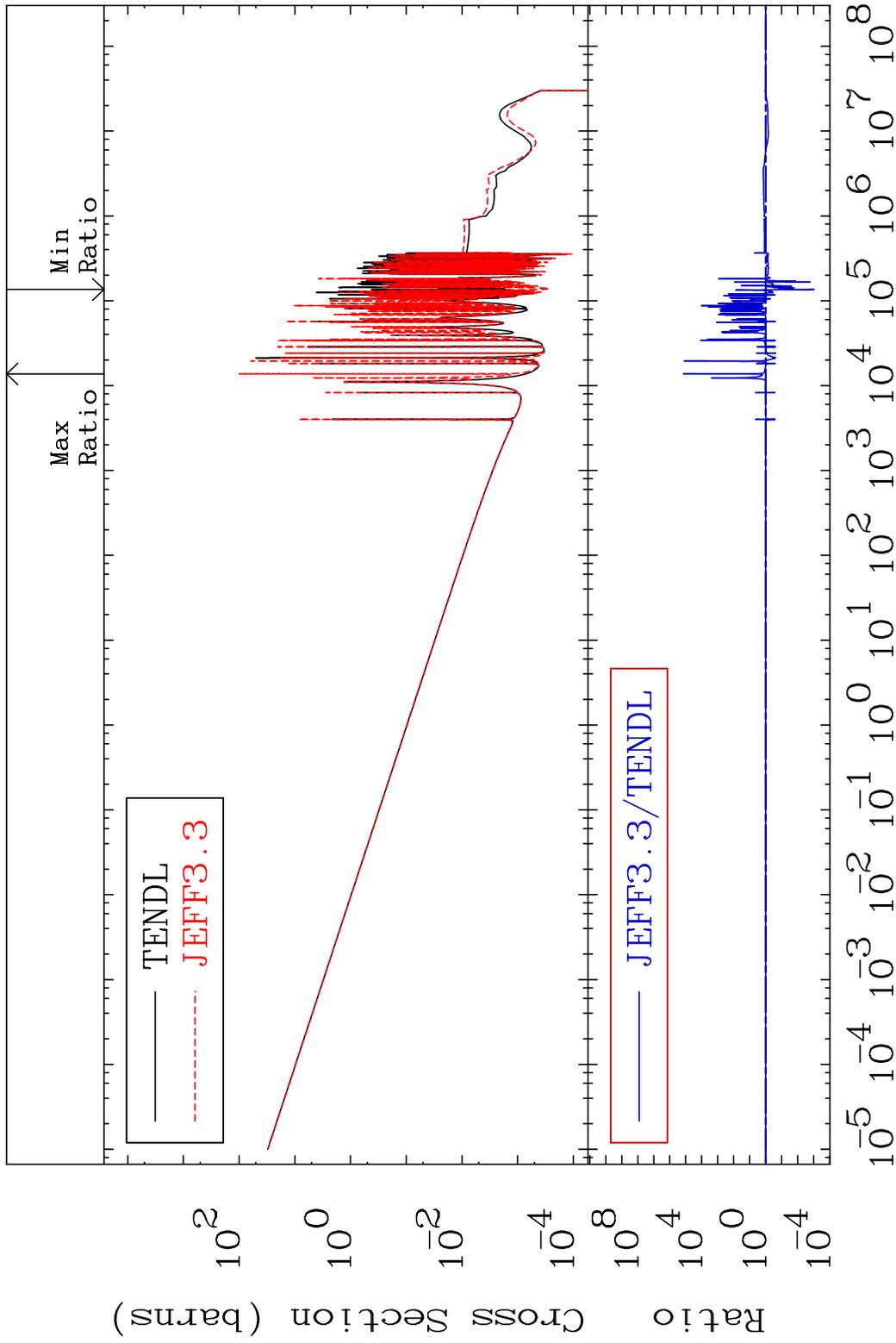


MAT 2225

(n,  $\gamma$ )

22-Ti-46

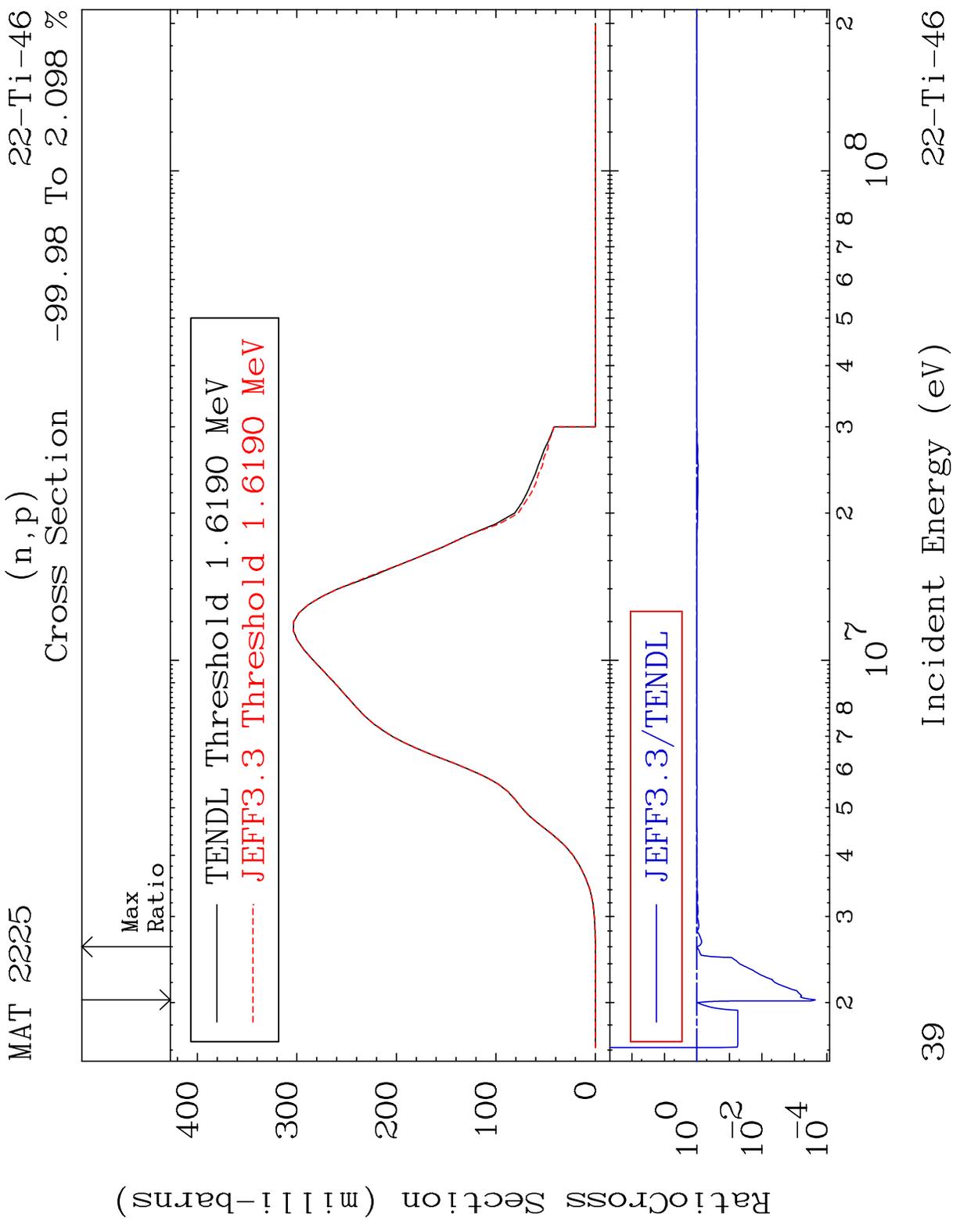
Cross Section -99.91 To 9999. %



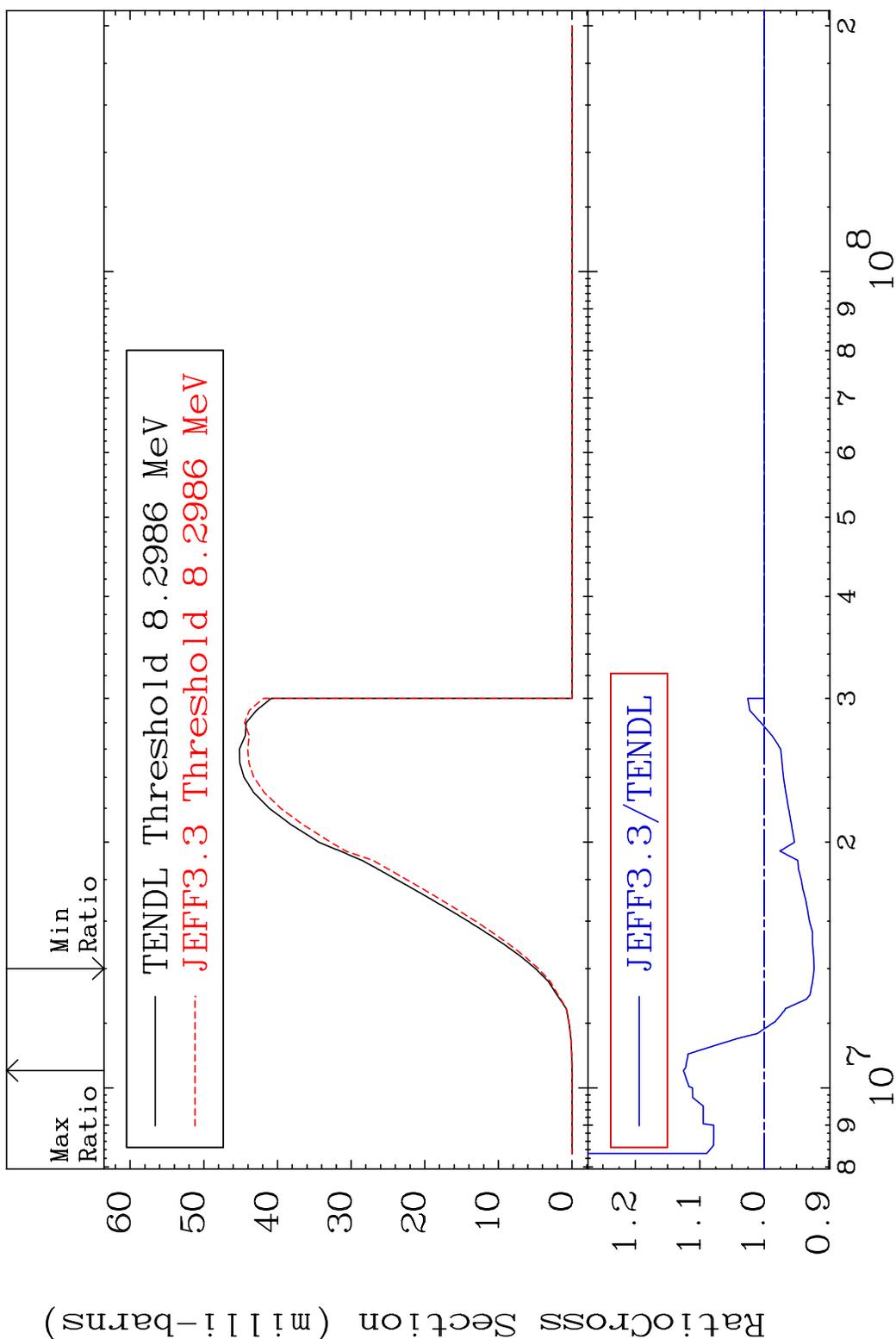
38

Incident Energy (eV)

22-Ti-46

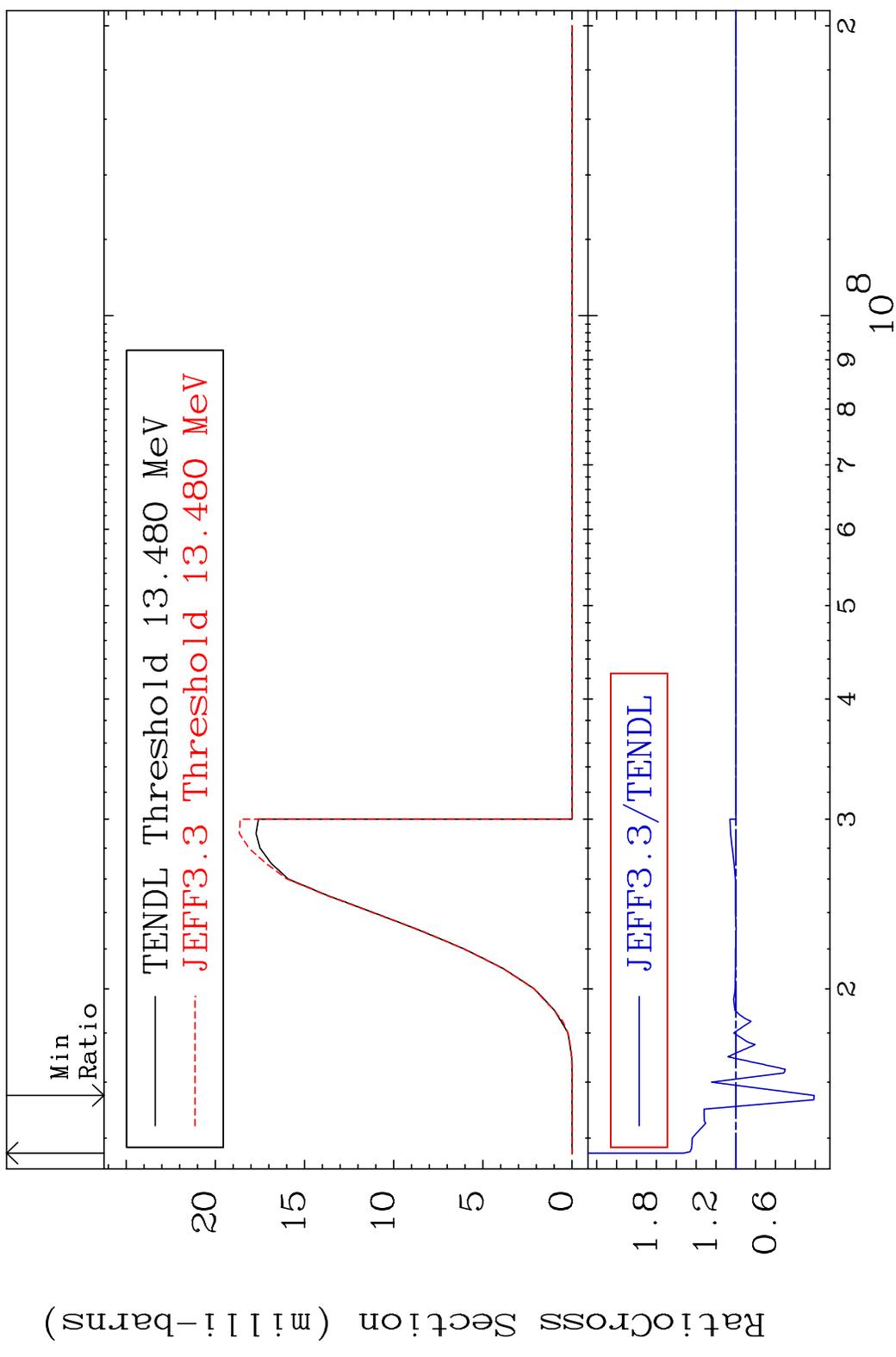


MAT 2225 (n, d) 22-Ti-46  
 Cross Section -7.717 To 12.51 %



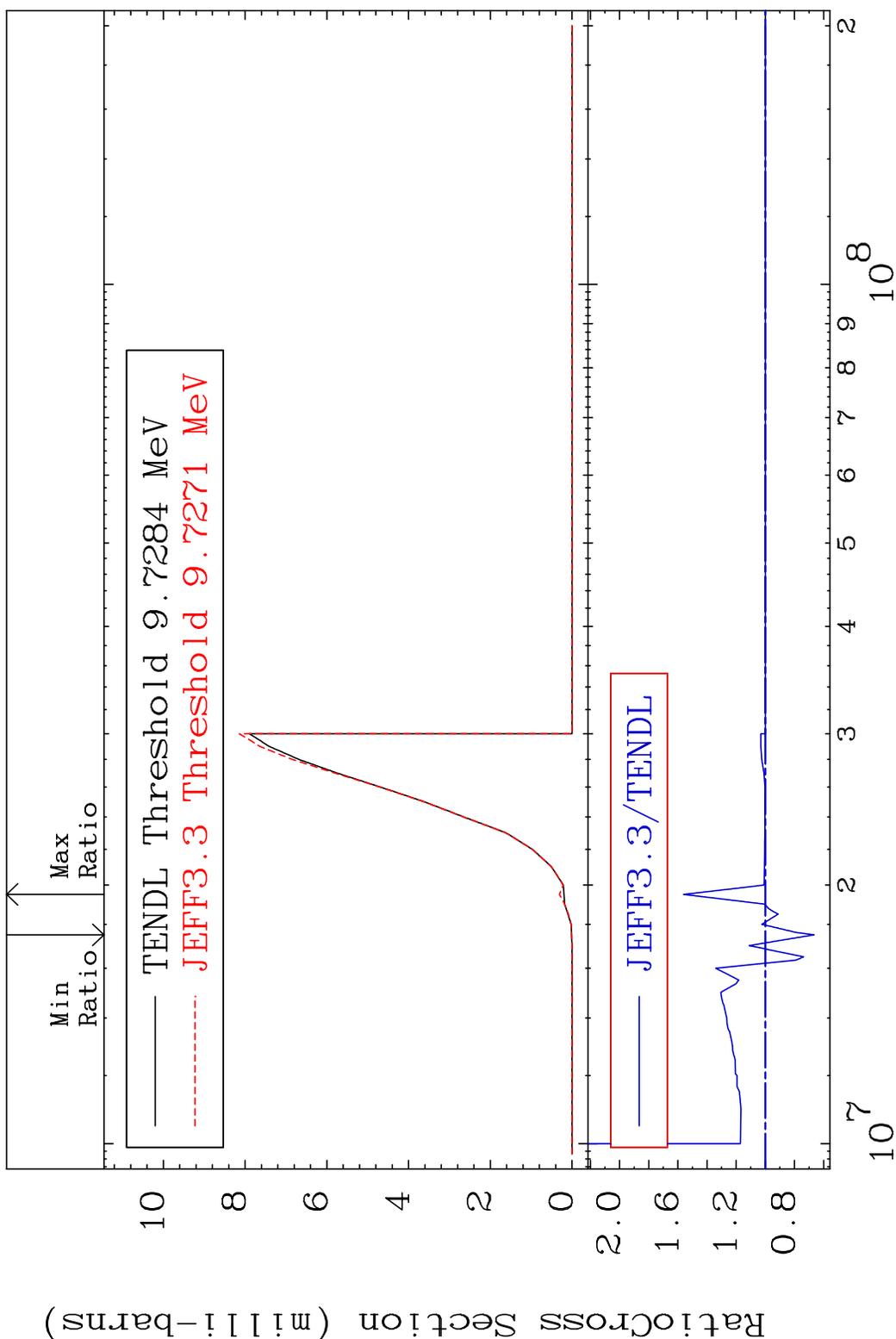
40 22-Ti-46

MAT 2225 (n, t) 22-Ti-46  
 Cross Section -78.73 To 52.62 %

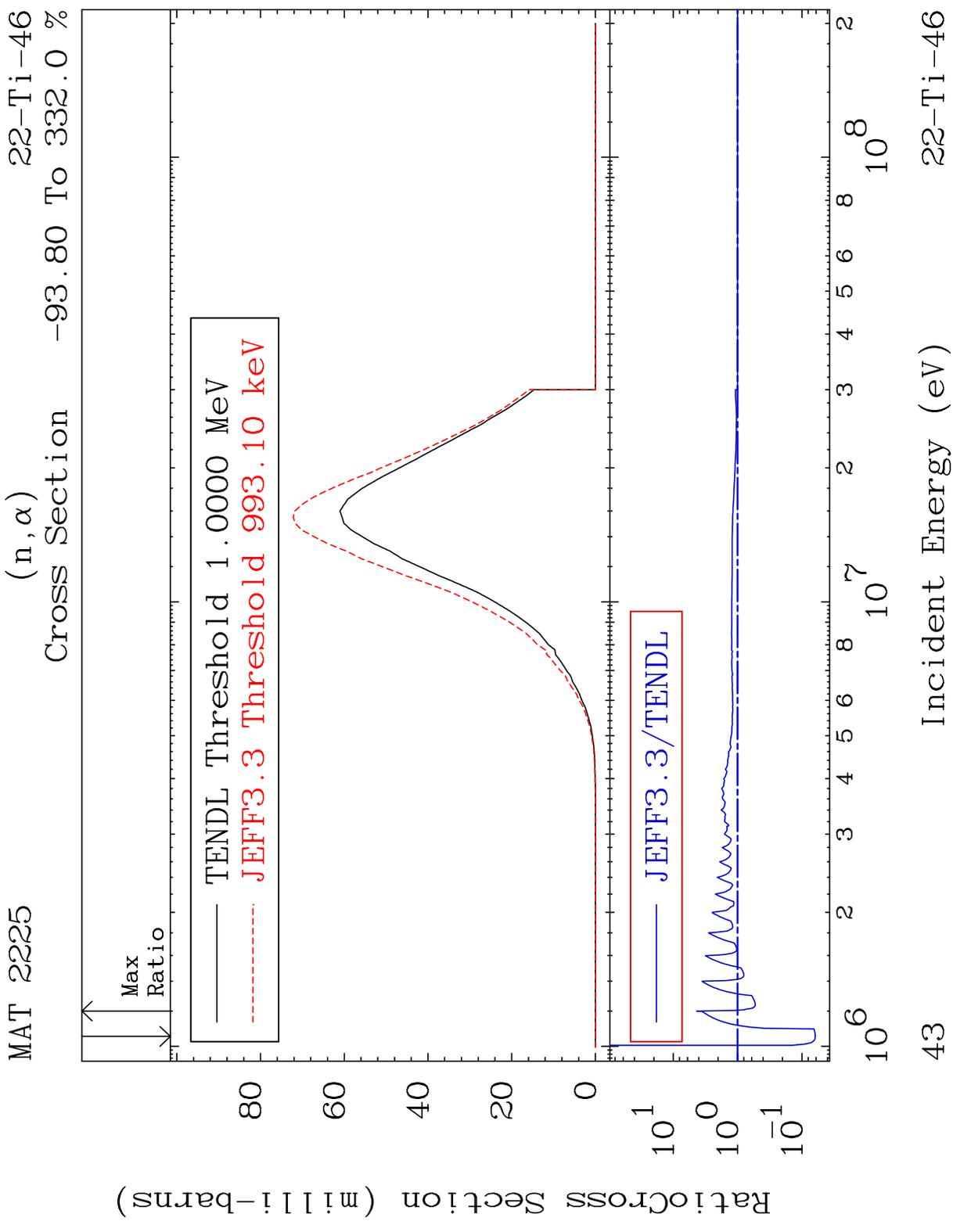


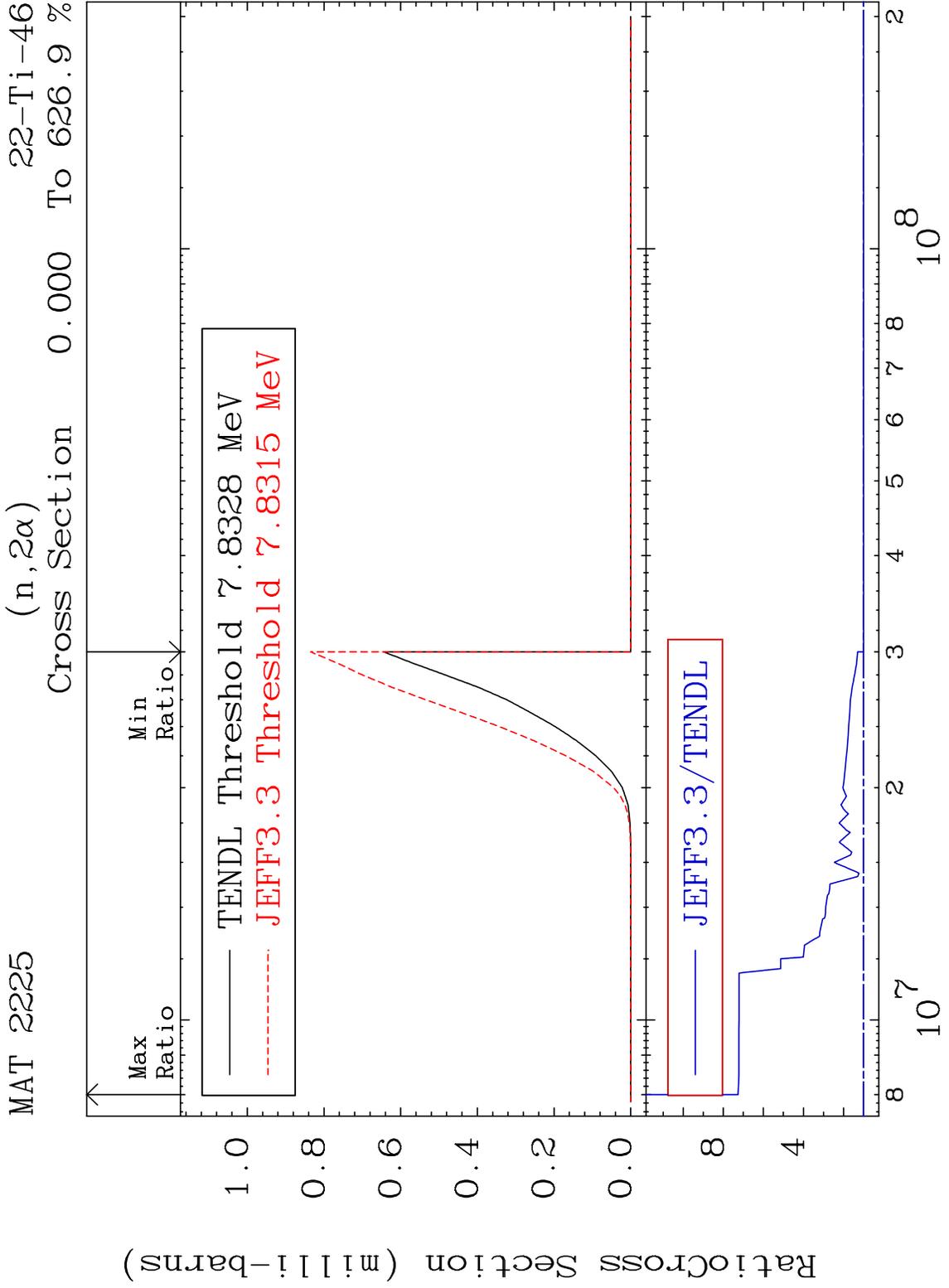
41 22-Ti-46

MAT 2225 (n, He-3) 22-Ti-46  
 Cross Section -33.43 To 56.13 %

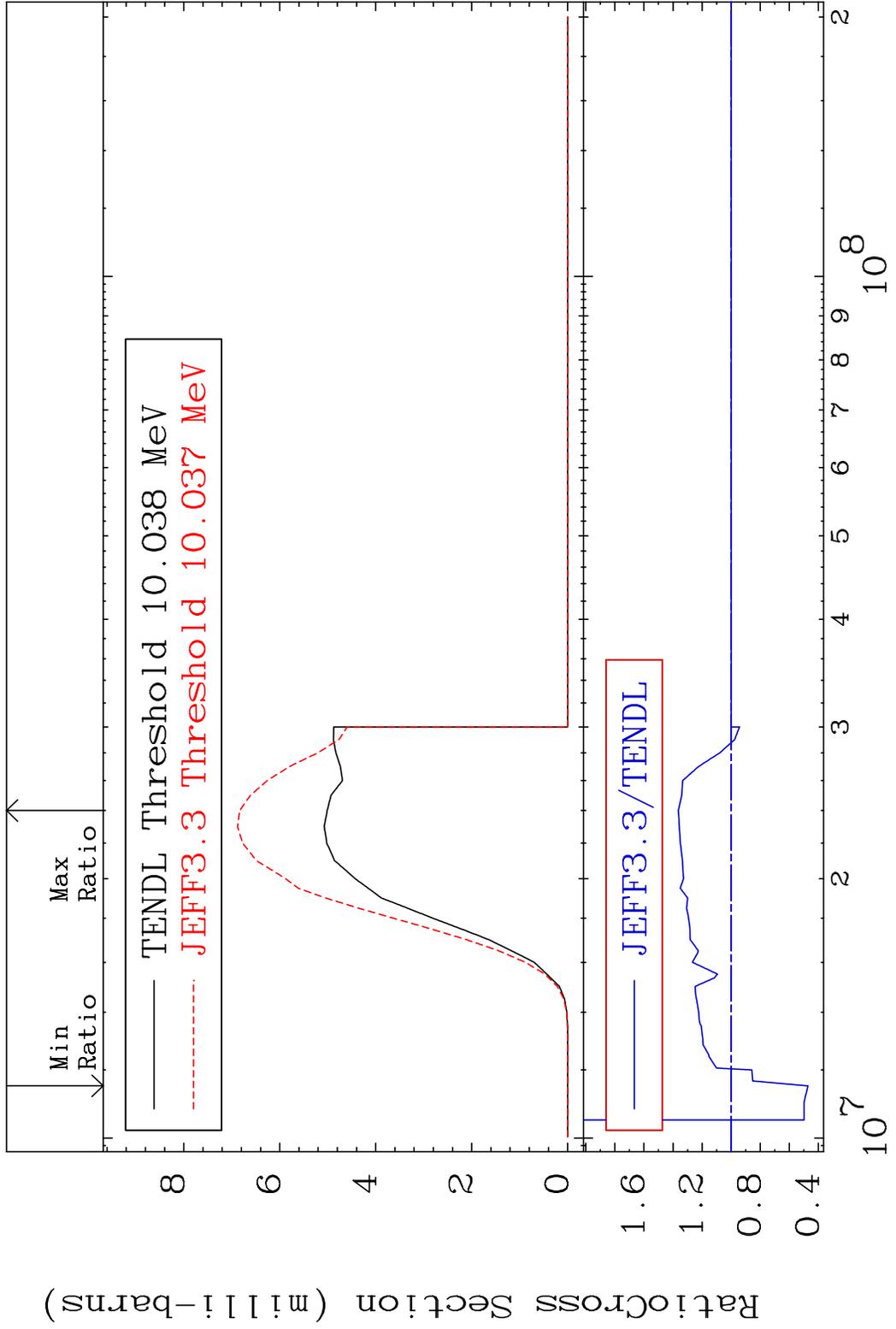


42 22-Ti-46





MAT 2225 (n,2p) 22-Ti-46  
 Cross Section -52.73 To 36.36 %



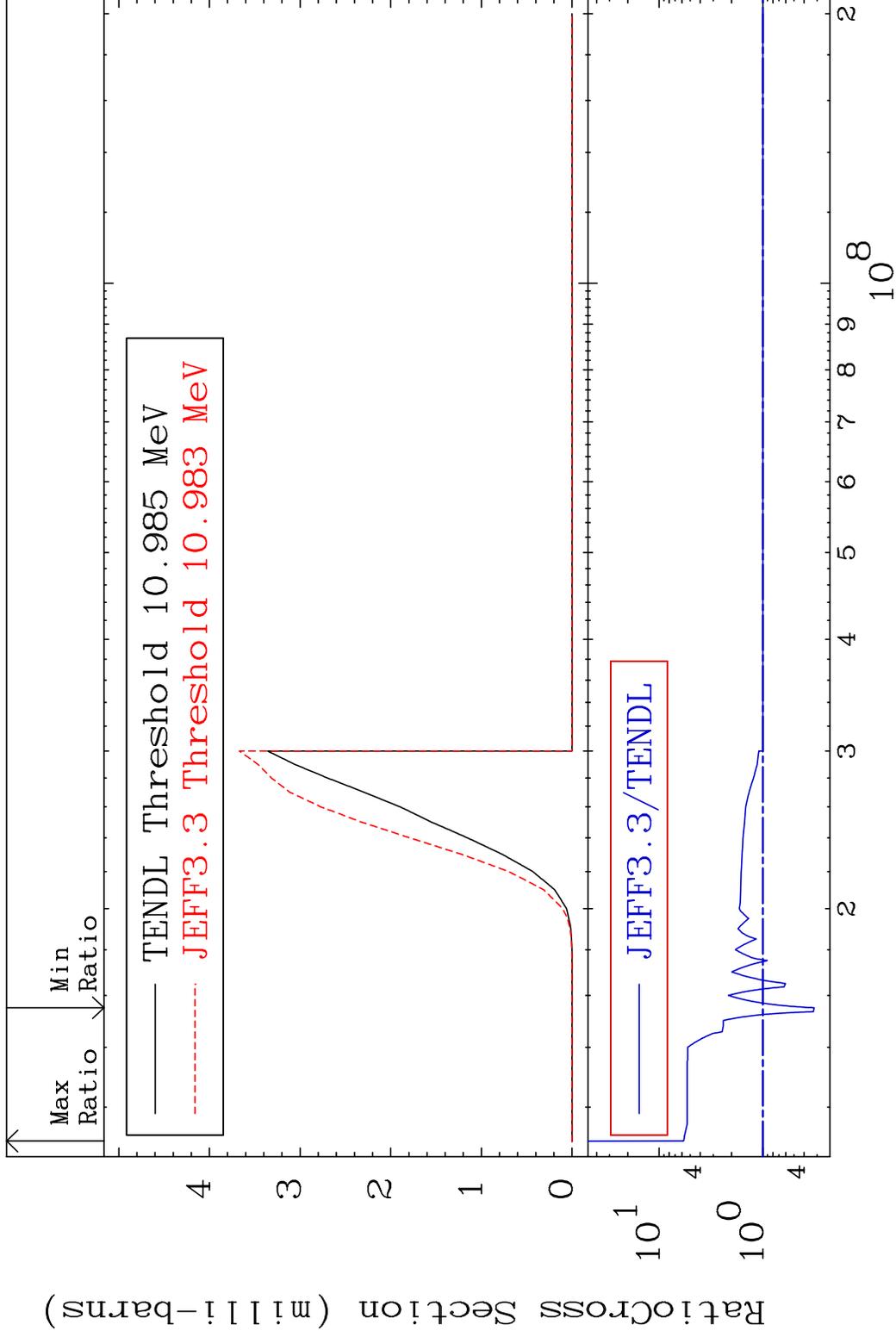
45 22-Ti-46

MAT 2225

(n,p)  $\alpha$

22-Ti-46

Cross Section -67.93 To 480.9 %

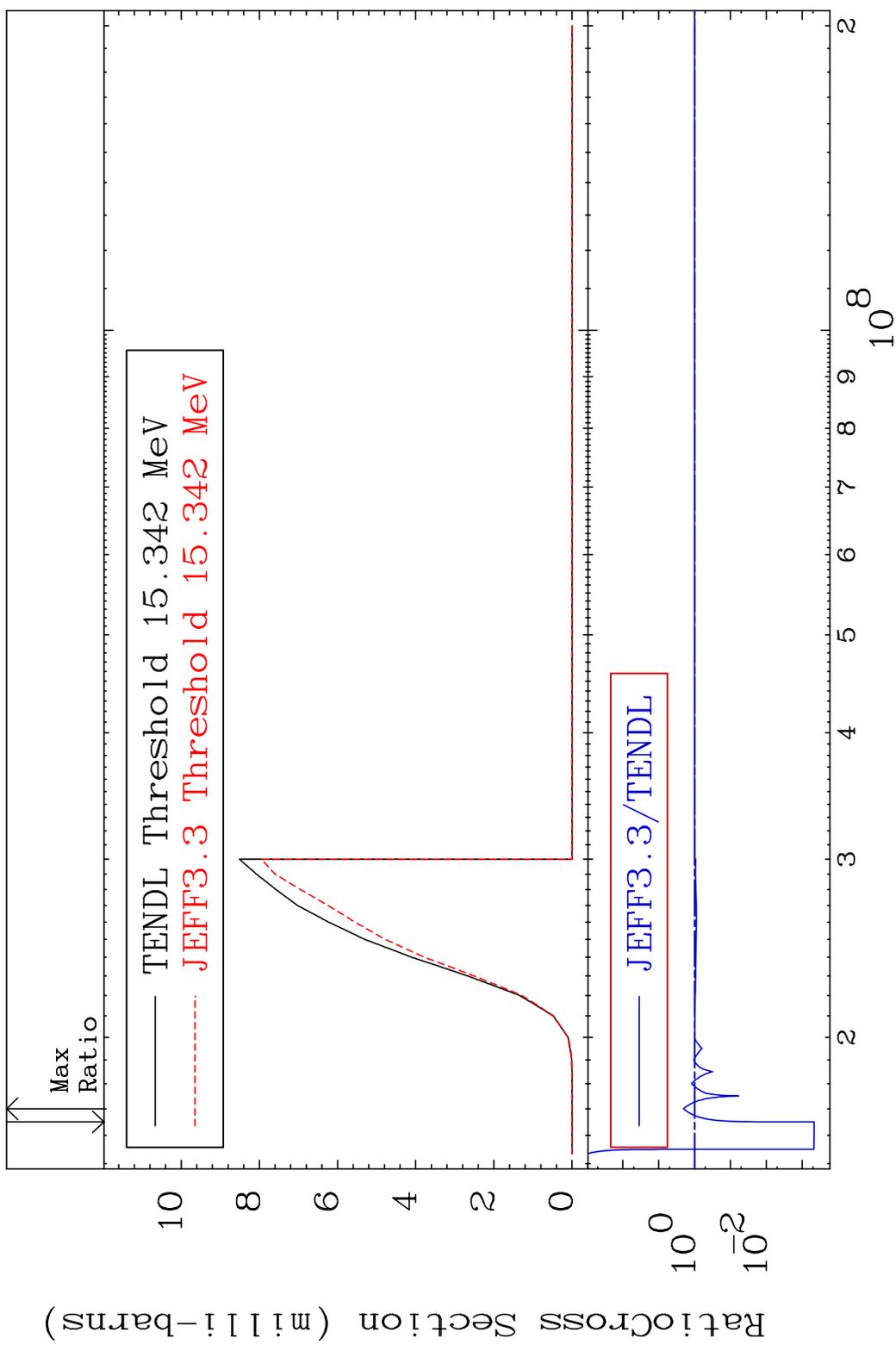


46

Incident Energy (eV)

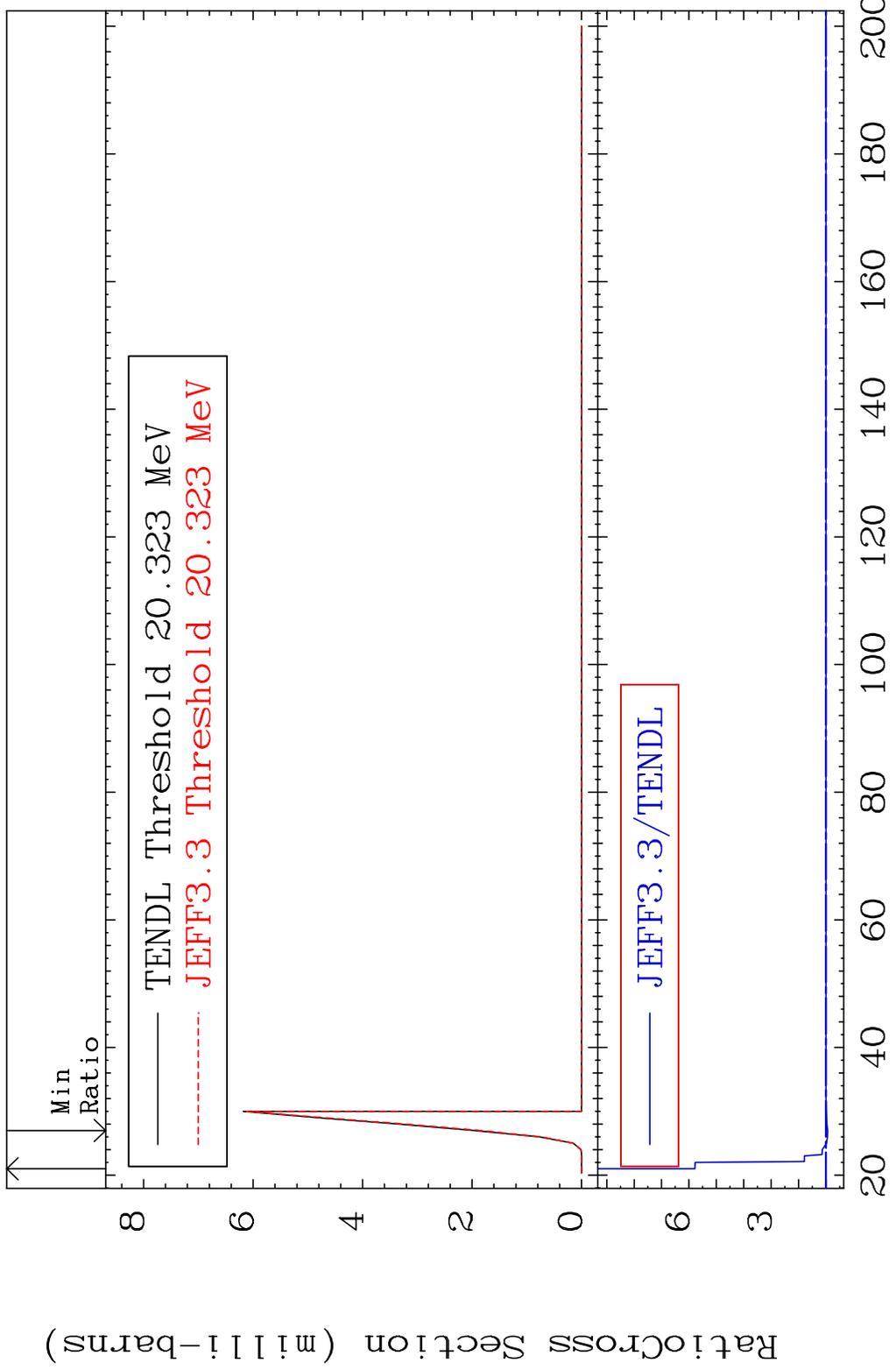
22-Ti-46

MAT 2225 (n,p) d 22-Ti-46  
 Cross Section -99.95 To 103.3 %



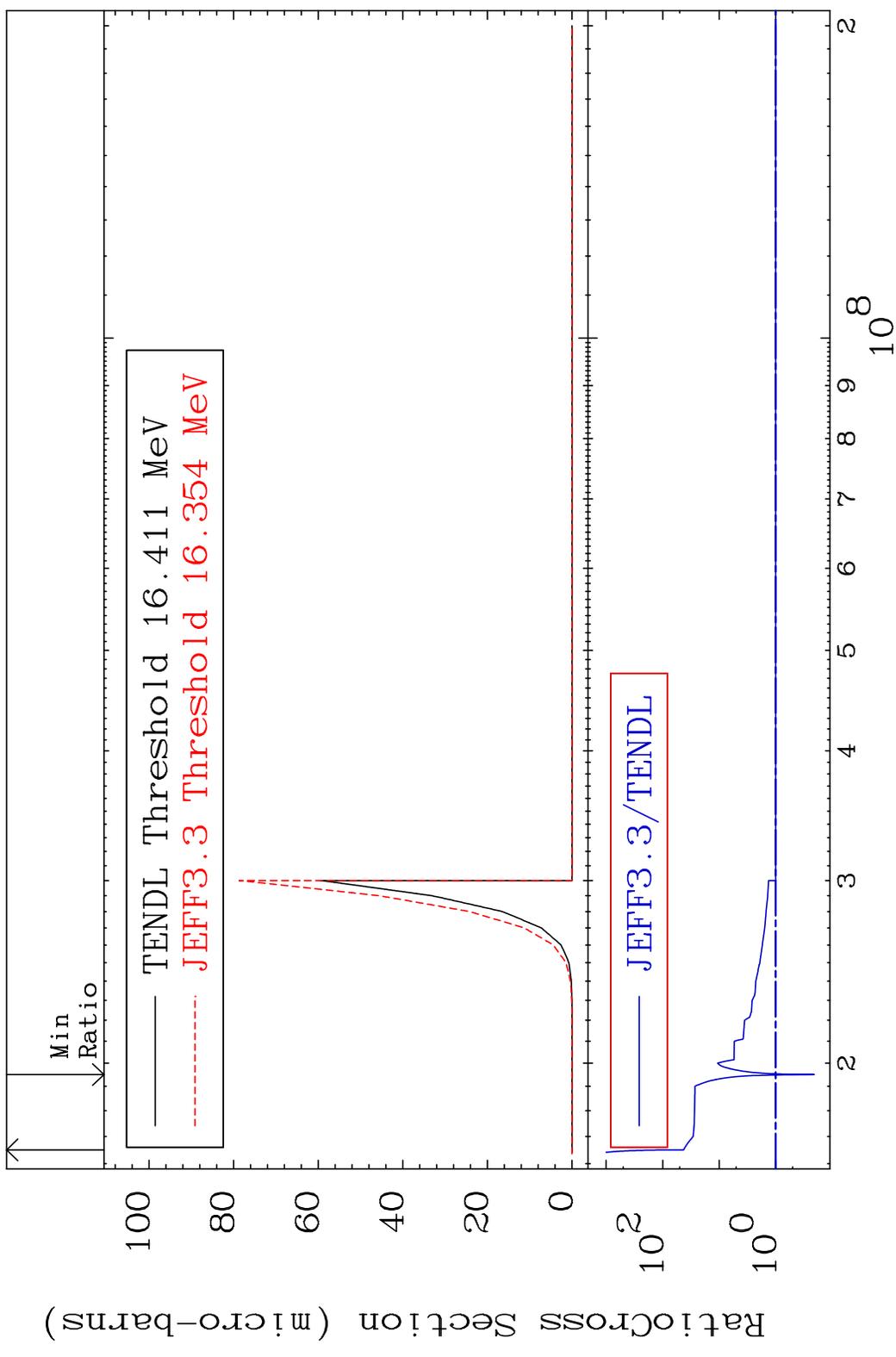
47 Incident Energy (eV) 22-Ti-46

MAT 2225 (n,p) t 22-Ti-46  
Cross Section -5.570 To 478.4 %



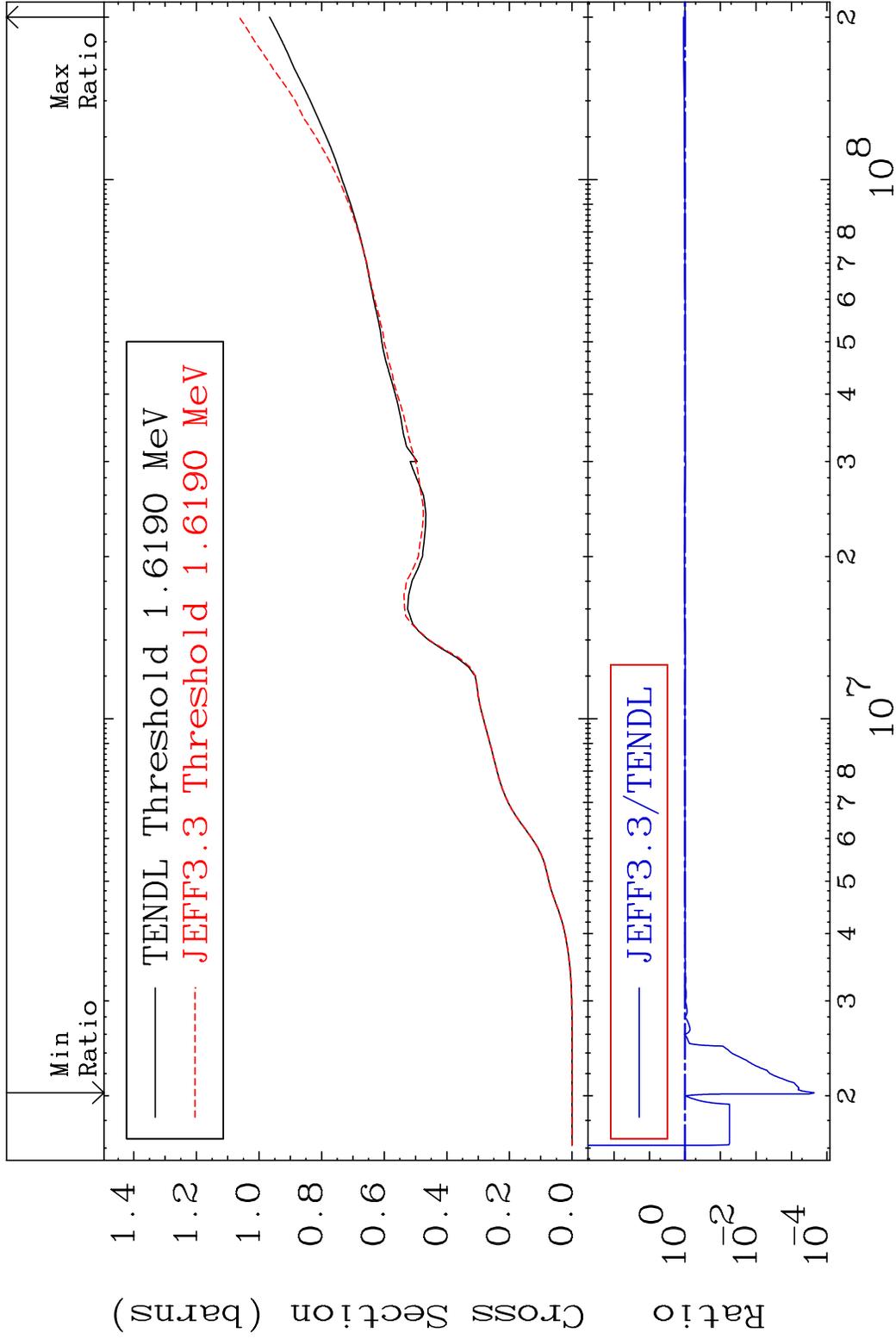
48 22-Ti-46

MAT 2225 (n, d)  $\alpha$  22-Ti-46  
 Cross Section -79.16 To 4168. %

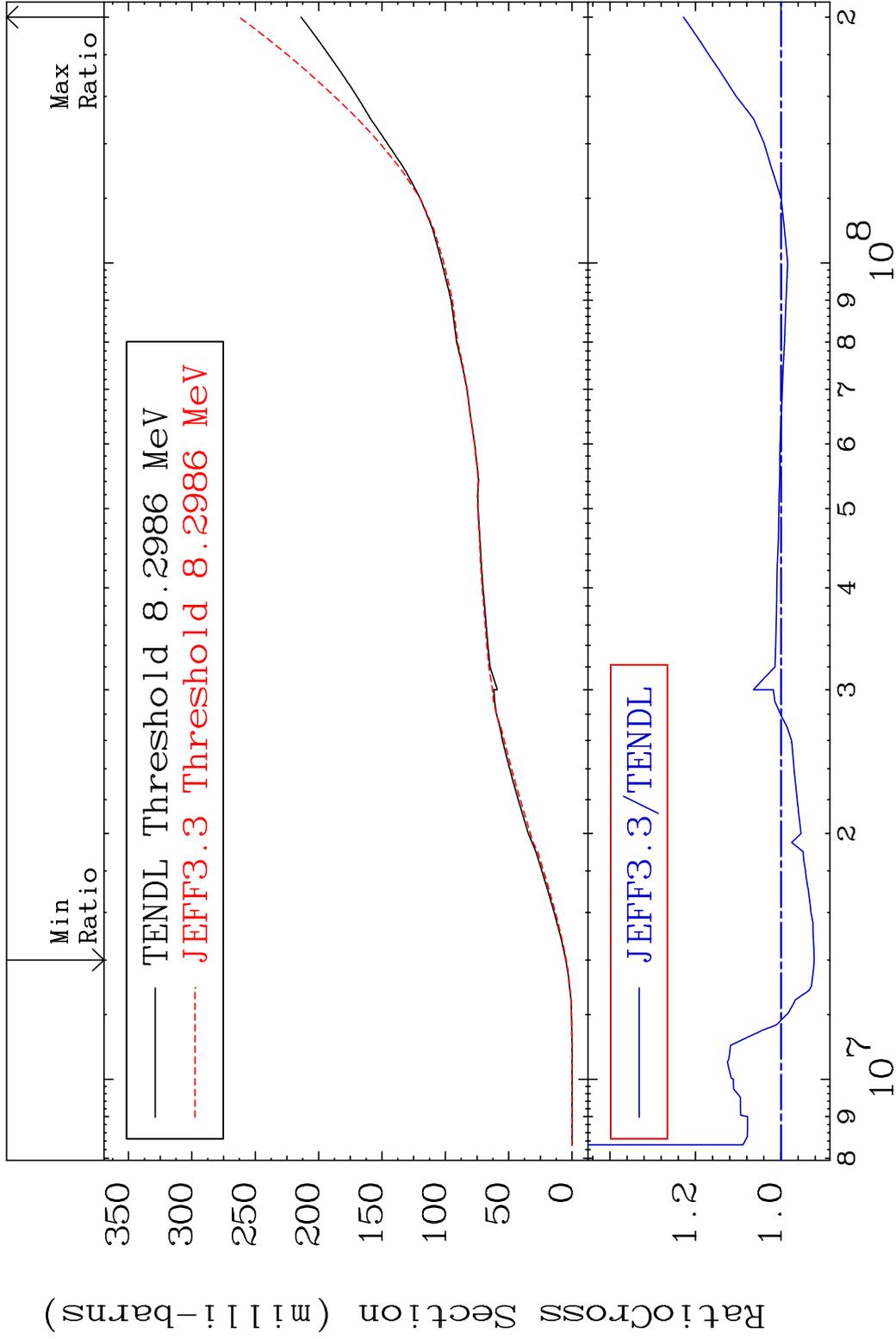


49 Incident Energy (eV) 22-Ti-46

MAT 2225 Hydrogen Production 22-Ti-46  
 Cross Section -99.98 To 10.01 %



MAT 2225 Deuterium Production 22-Ti-46  
 Cross Section -7.717 To 22.79 %



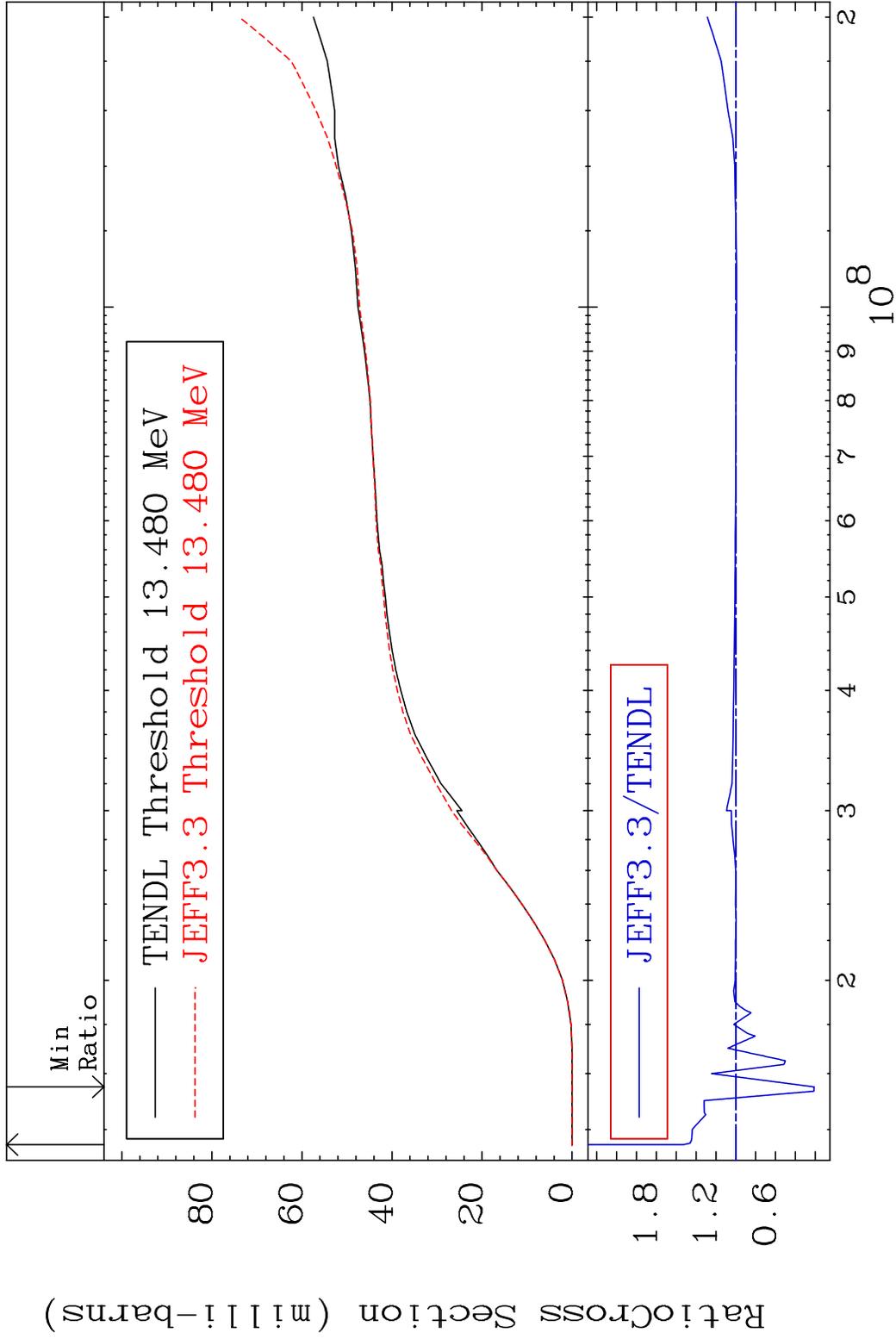
51 22-Ti-46

MAT 2225

Tritium Production

<sup>22</sup>Ti-46

Cross Section -78.73 To 52.62 %

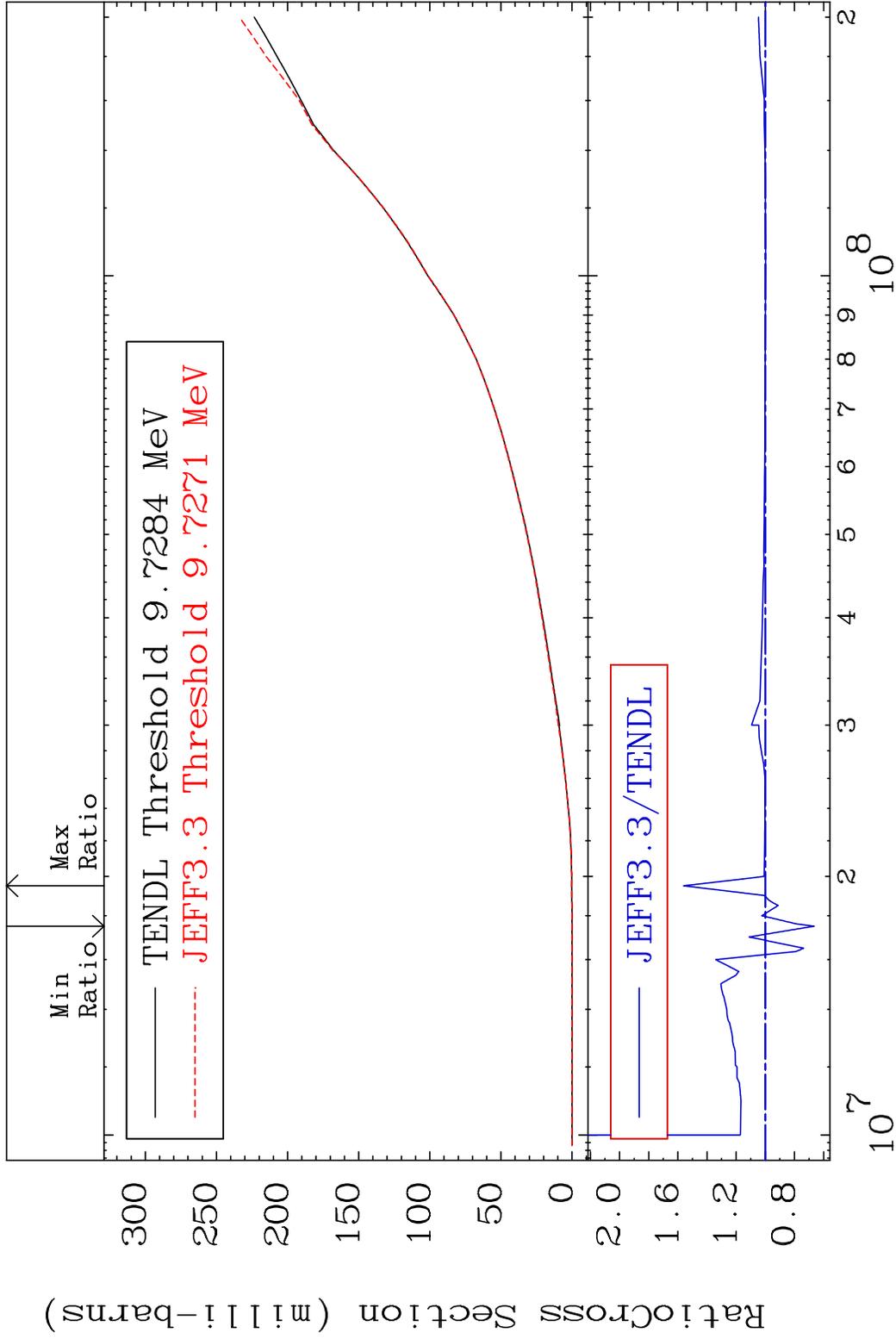


52

Incident Energy (eV)

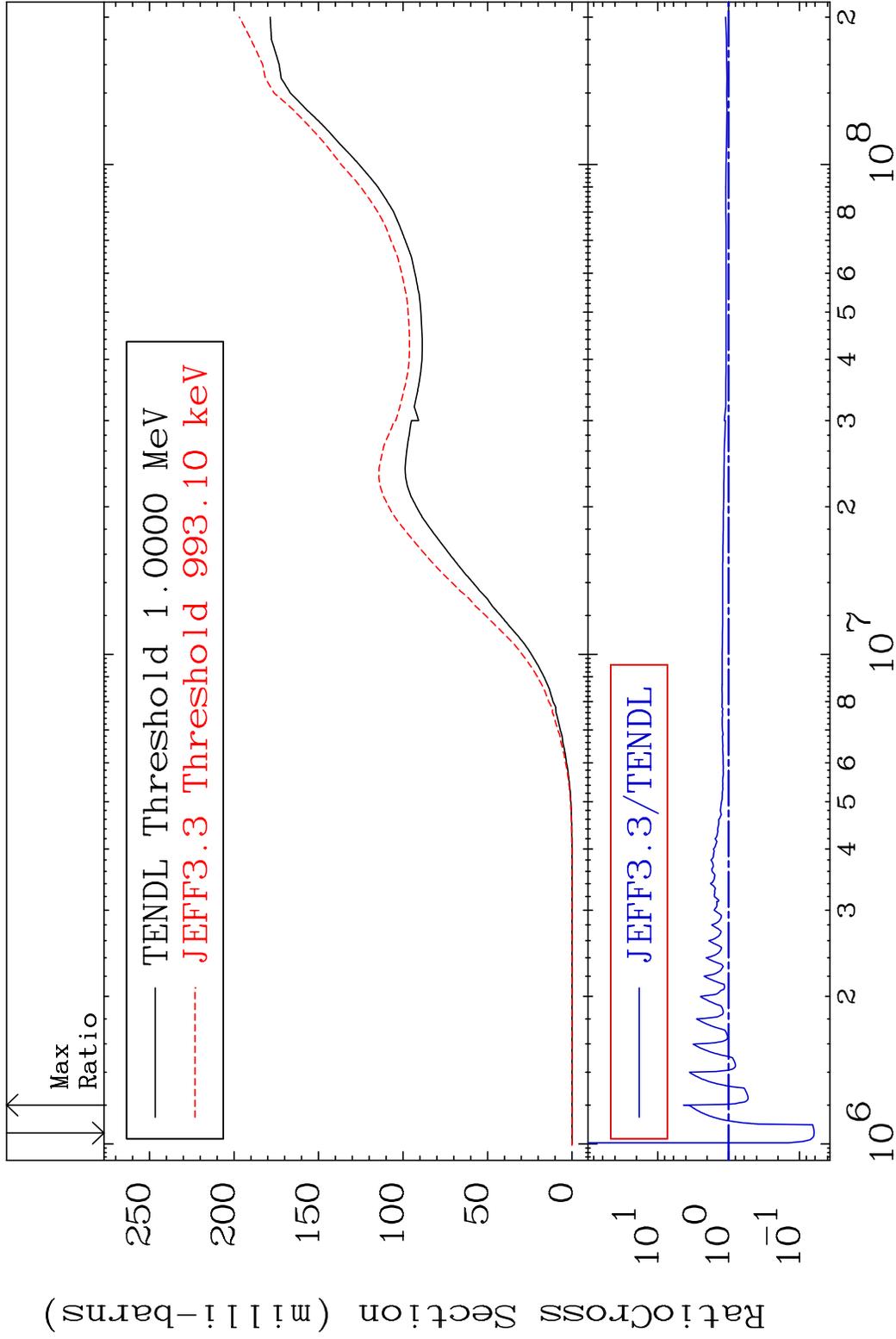
<sup>22</sup>Ti-46

MAT 2225 He-3 Production 22-Ti-46  
 Cross Section -33.43 To 56.13 %



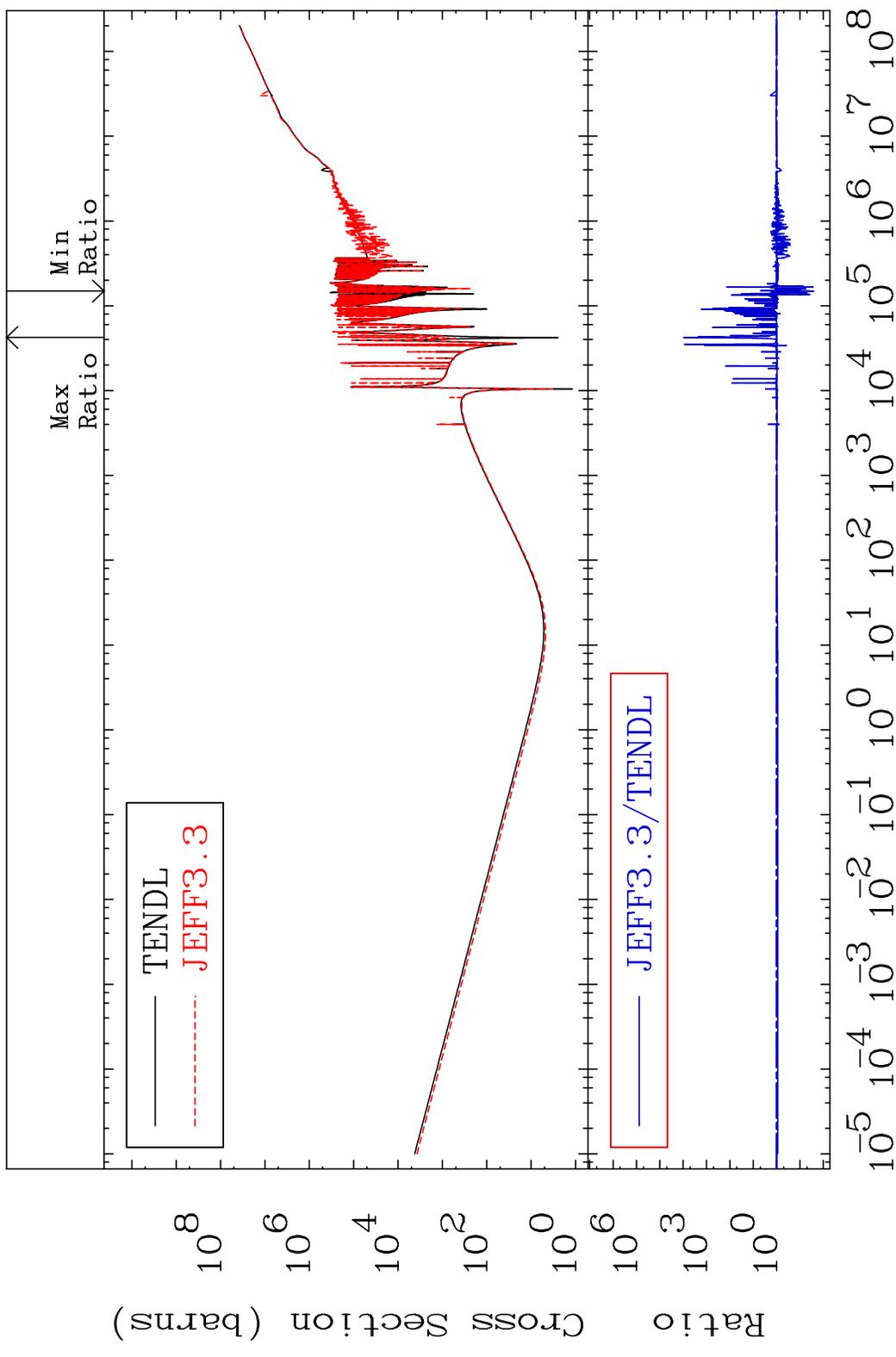
53 22-Ti-46

MAT 2225 He-4 Production 22-Ti-46  
 Cross Section -93.80 To 332.0 %



54 22-Ti-46

MAT 2225 Kerma total (eV-barns) 22-Ti-46  
 Cross Section -97.50 To 9999. %

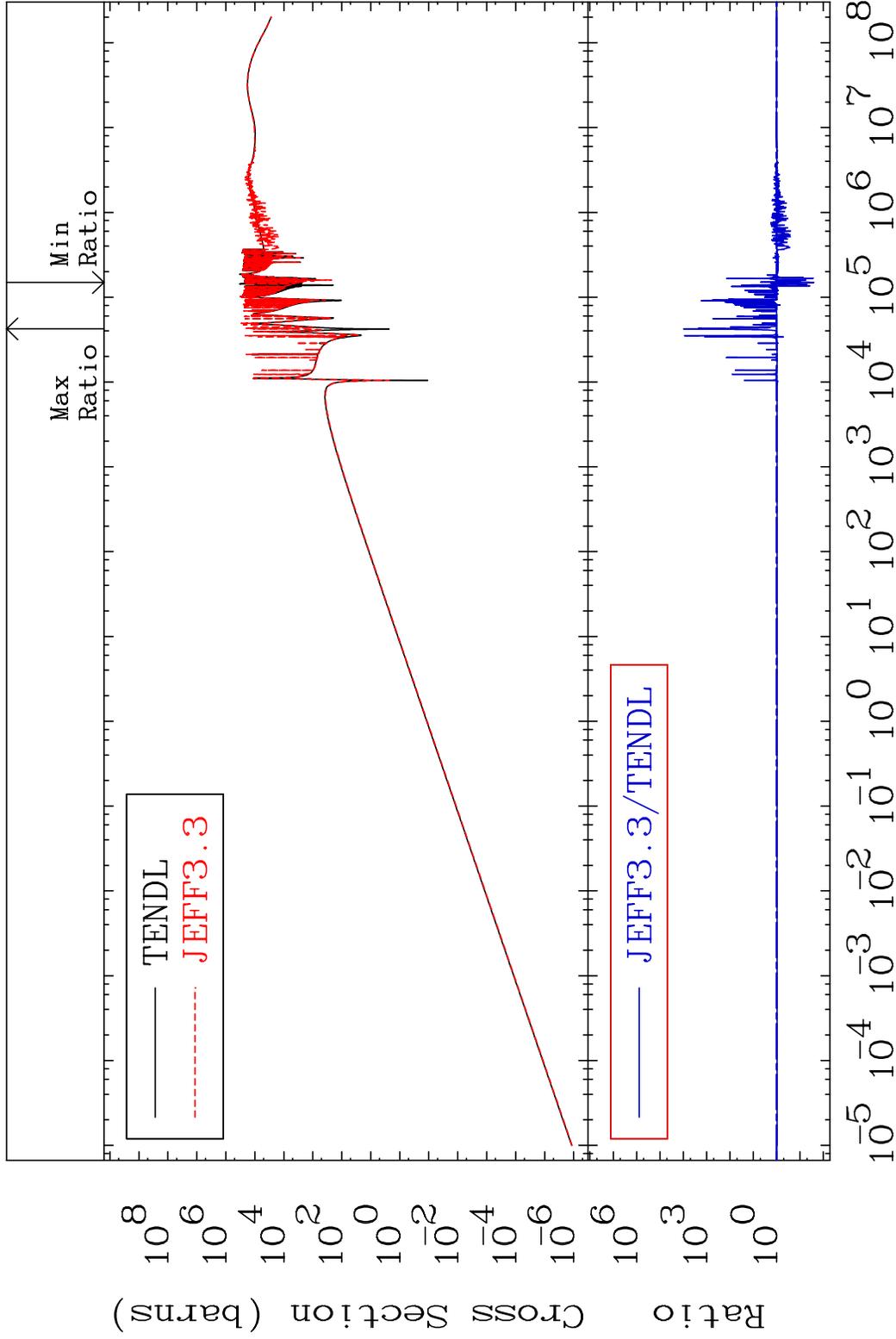


55 Incident Energy (eV) 22-Ti-46

MAT 2225

Kerma elastic  
Cross Section

22-Ti-46  
-97.50 To 9999. %

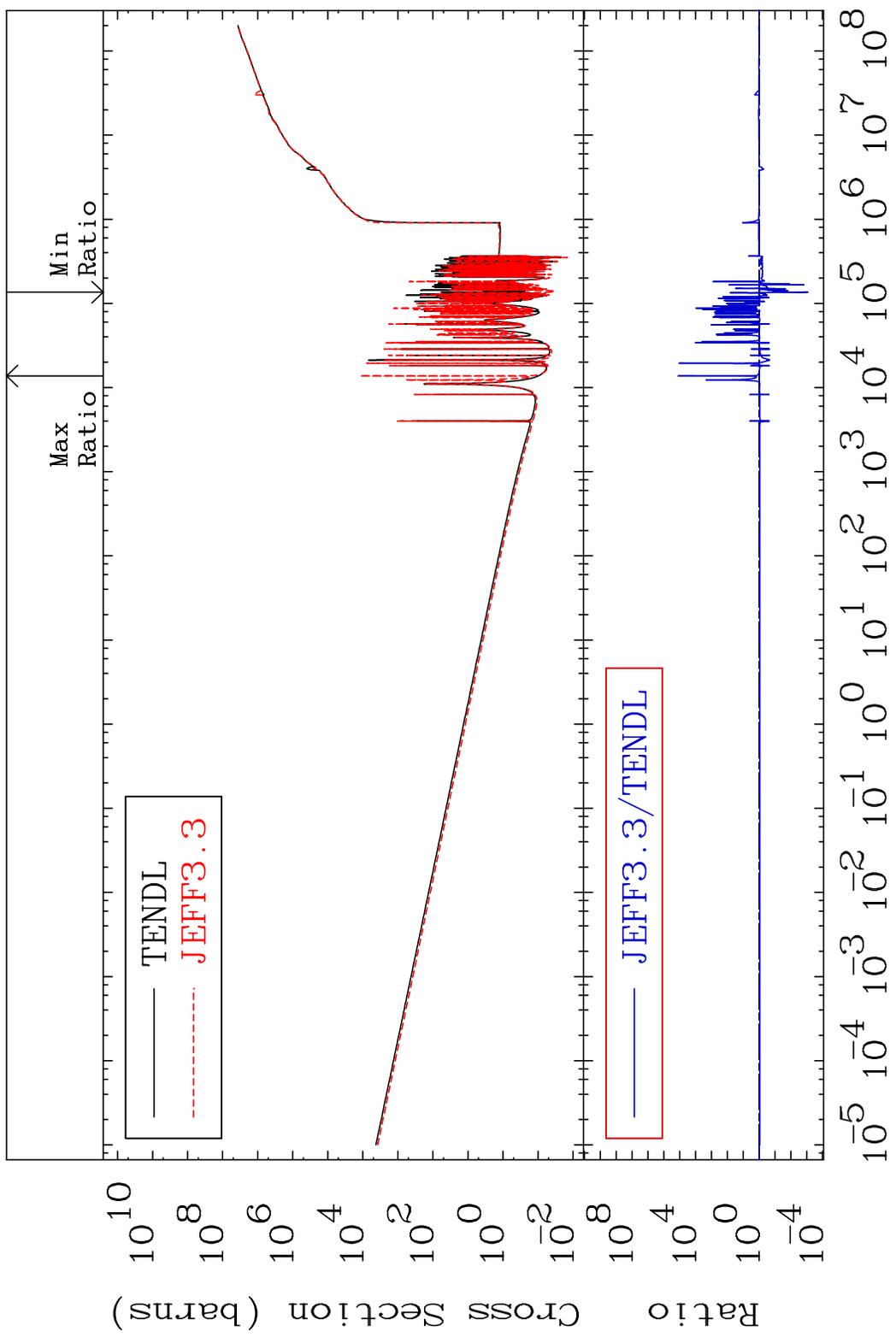


56

Incident Energy (eV)

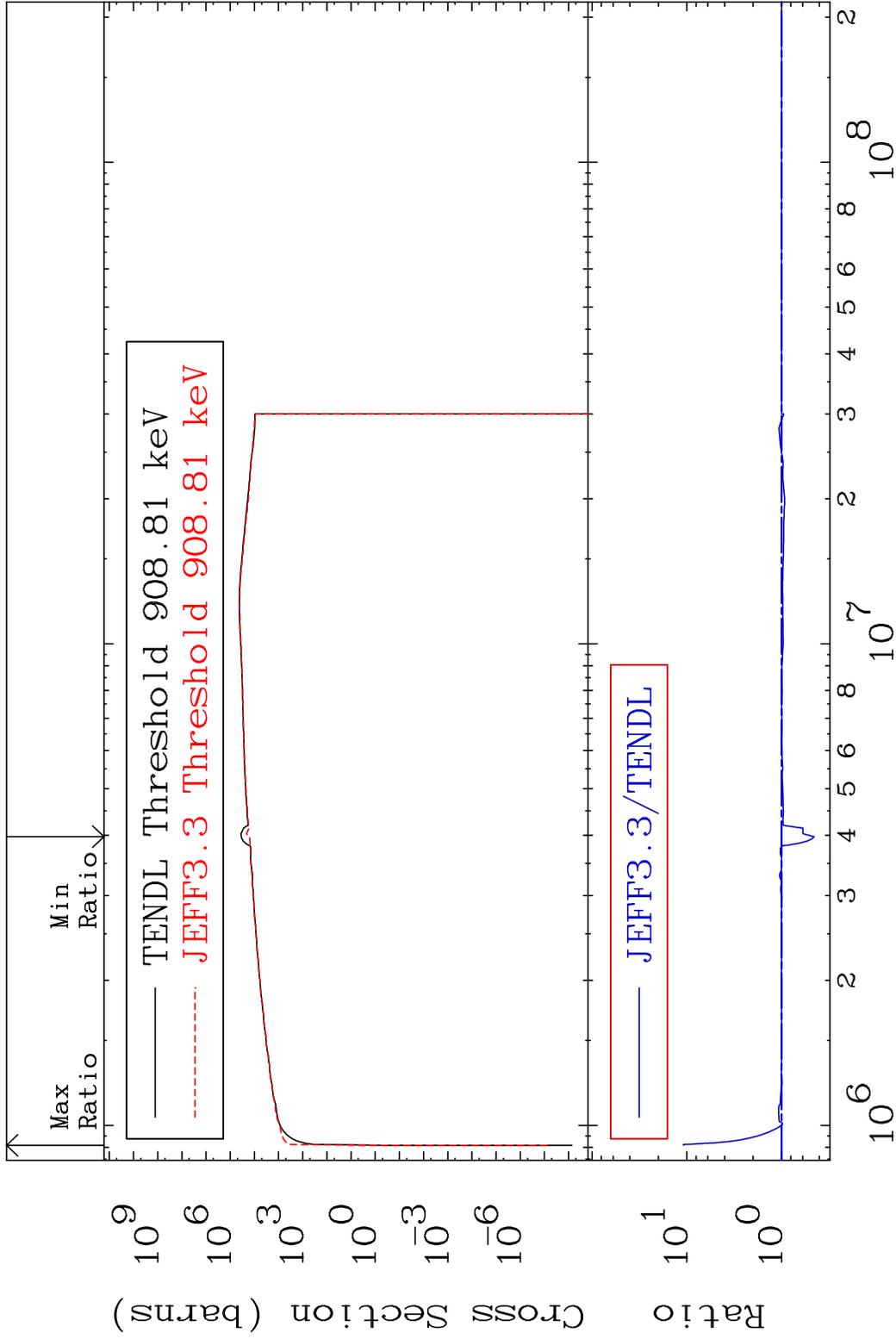
22-Ti-46

MAT 2225 Kerma non-elastic (all but mt2) 22-Ti-46  
 Cross Section -99.92 To 9999. %



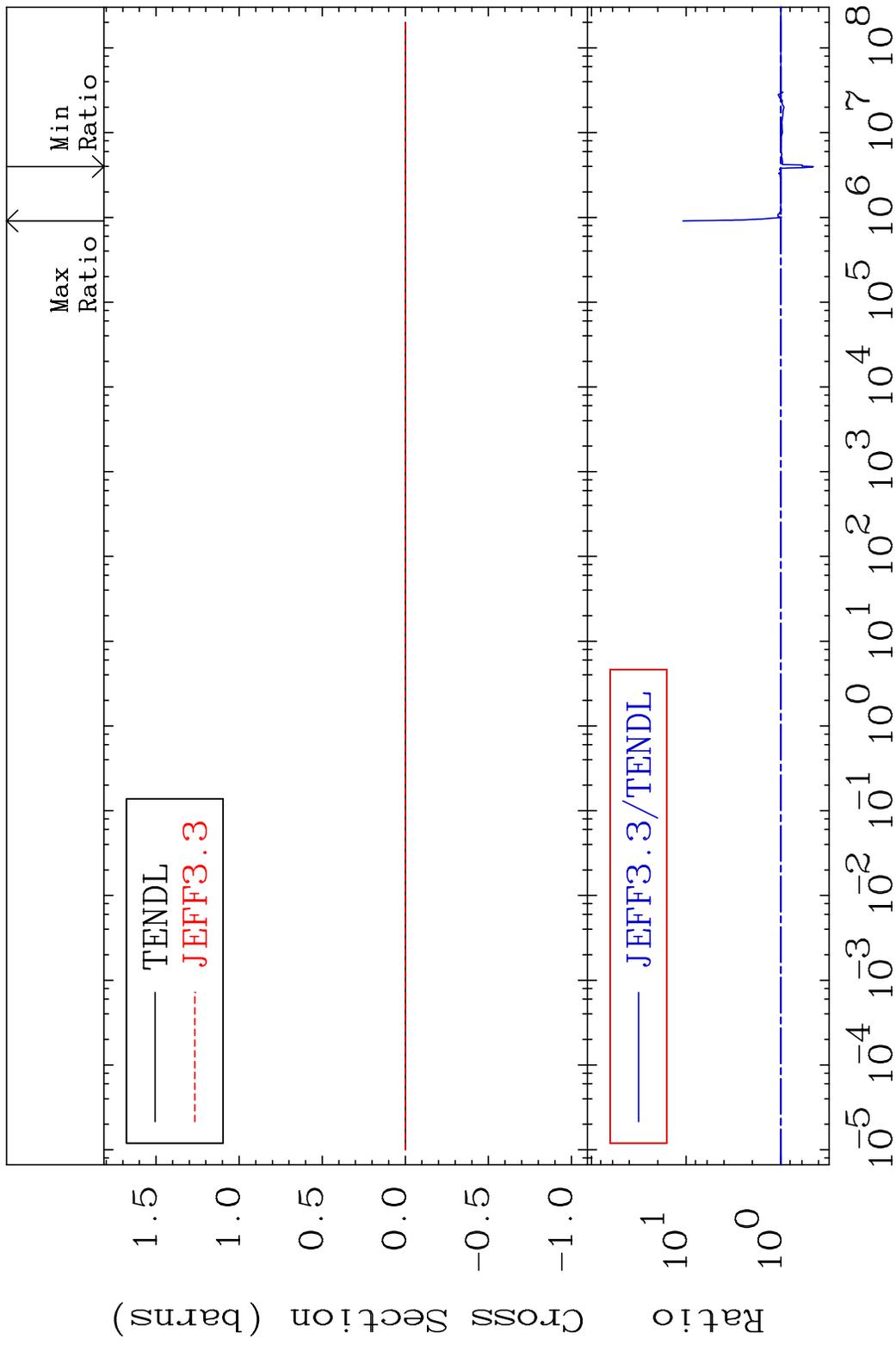
57 Incident Energy (eV) 22-Ti-46

MAT 2225 Kerma inelastic (mt51-91) 22-Ti-46  
Cross Section -54.44 To 984.6 %

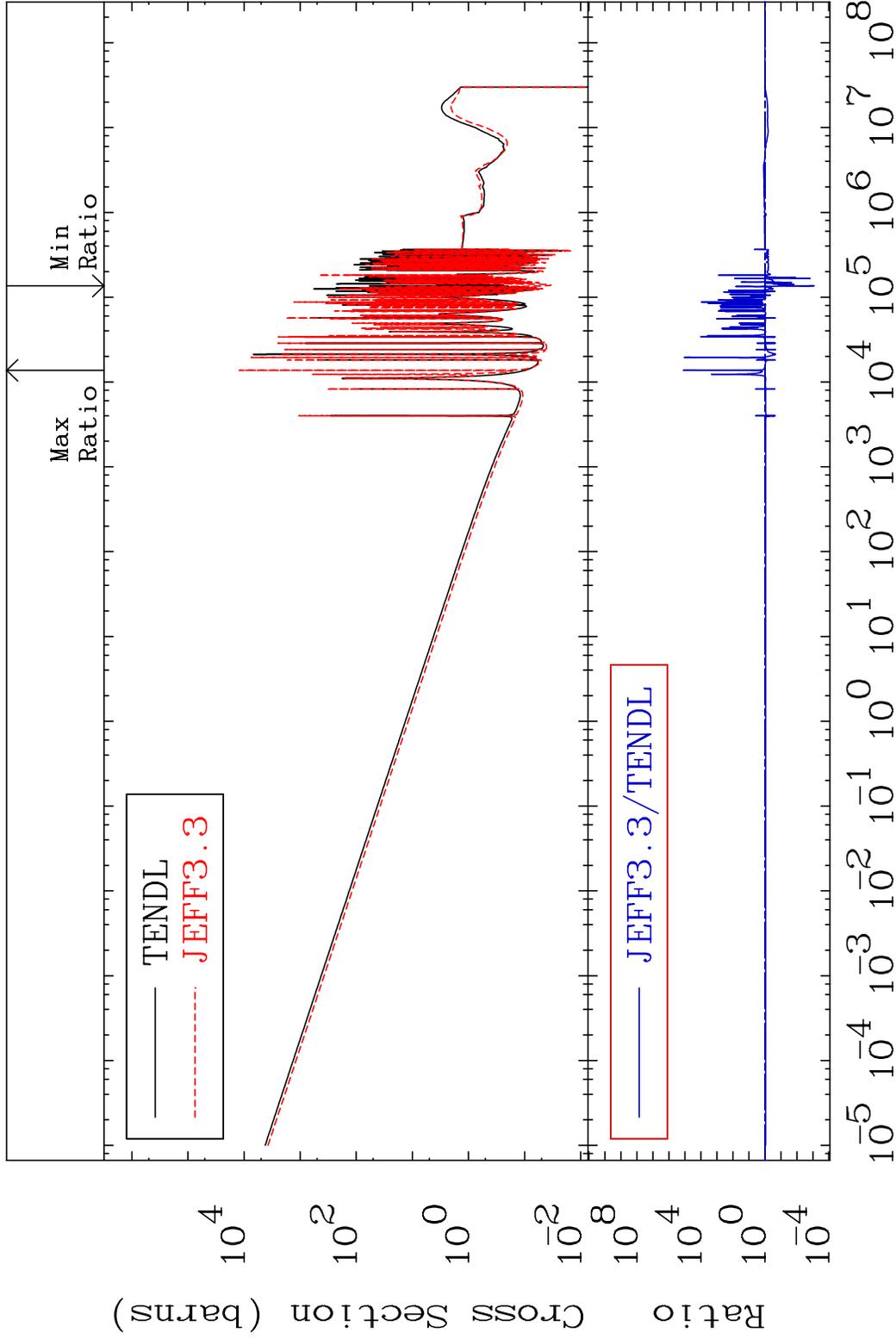


58 Incident Energy (eV) 22-Ti-46

MAT 2225 Kerma fission (mt18 or mt19-20-21-38) 22-Ti-46  
 Cross Section -54.44 To 984.6 %

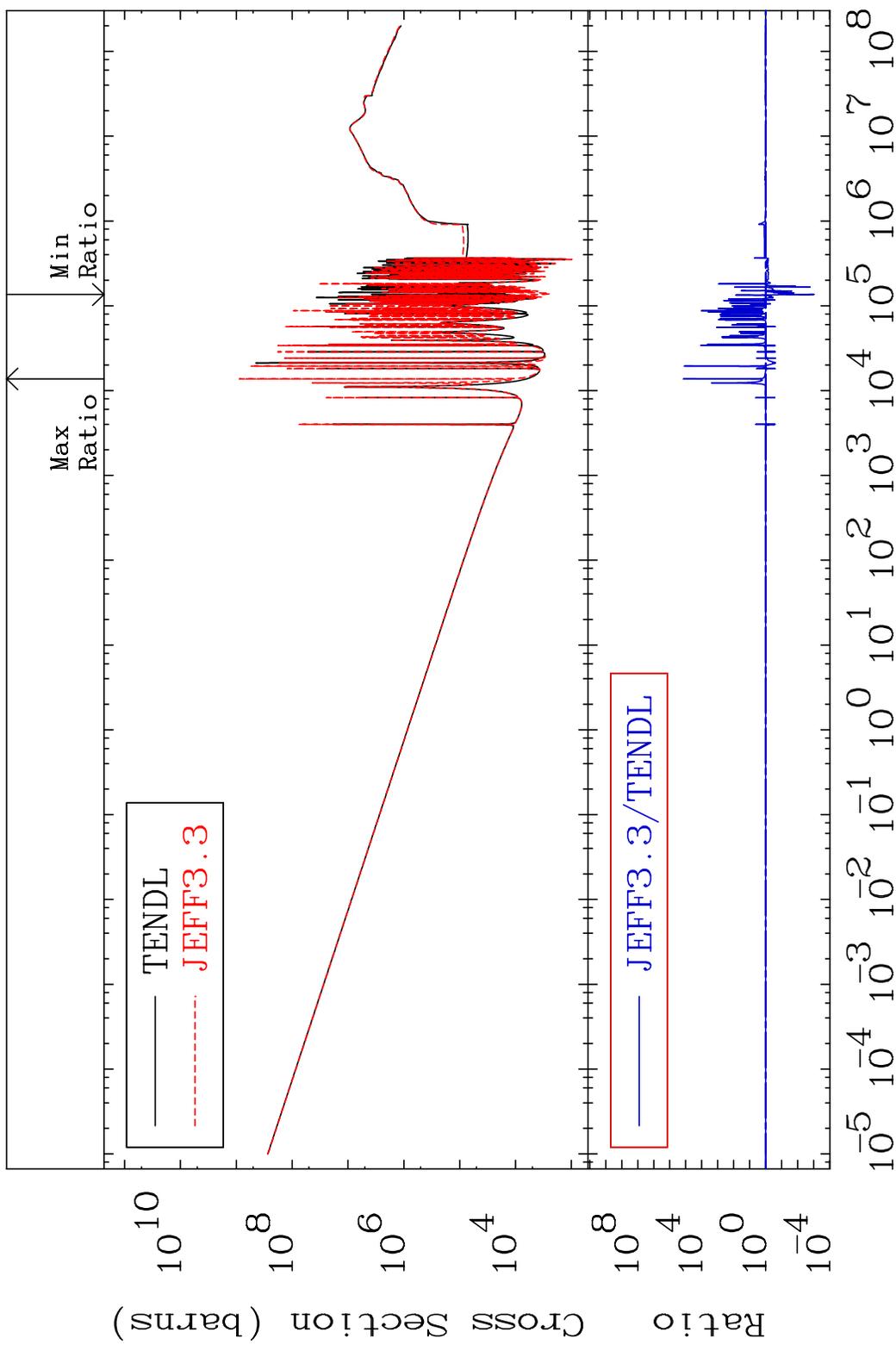


MAT 2225 Kerma capture (mt102) 22-Ti-46  
 Cross Section -99.92 To 9999. %



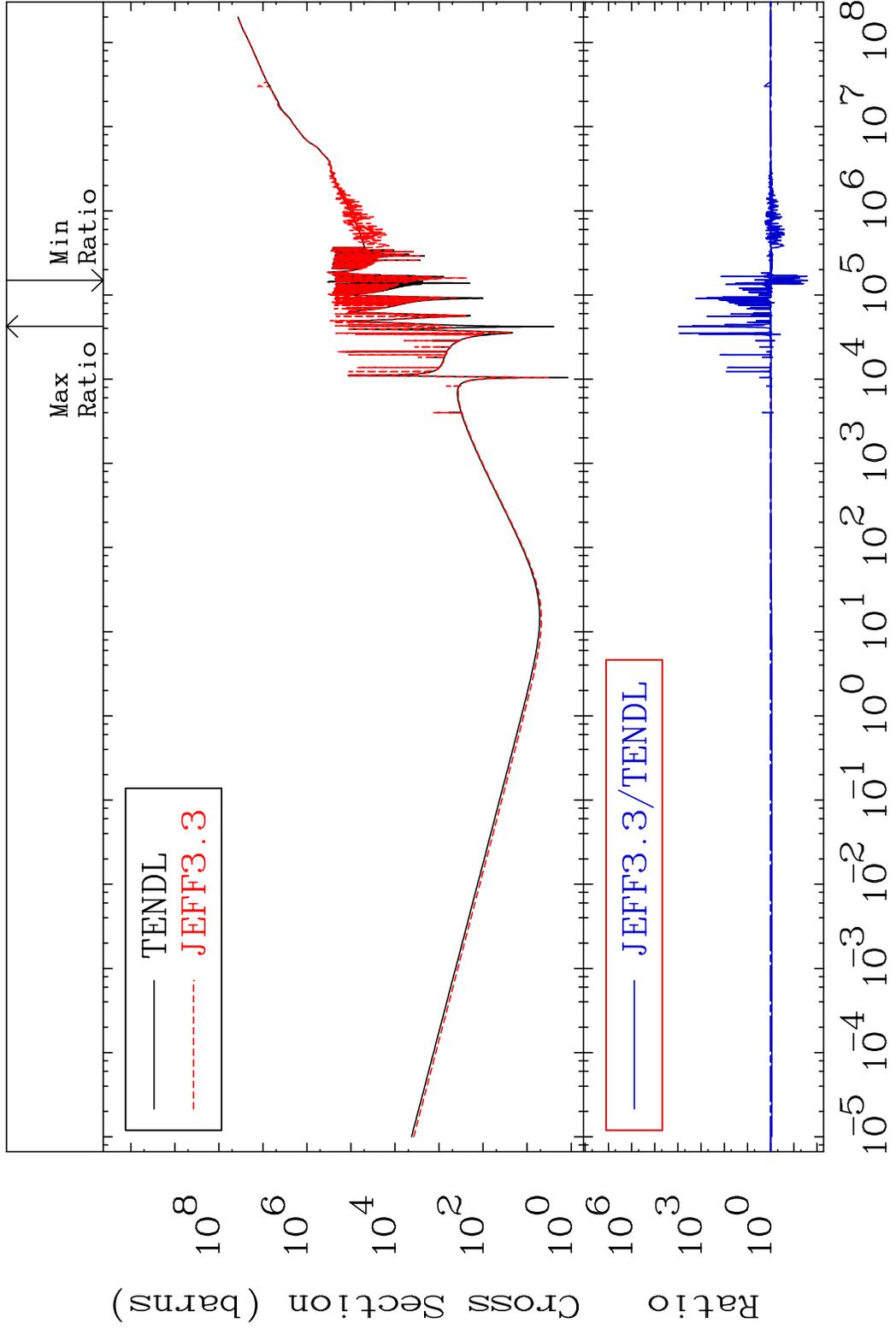
60 Incident Energy (eV) 22-Ti-46

MAT 2225 Total photon (eV-barns) 22-Ti-46  
 Cross Section -99.91 To 9999. %



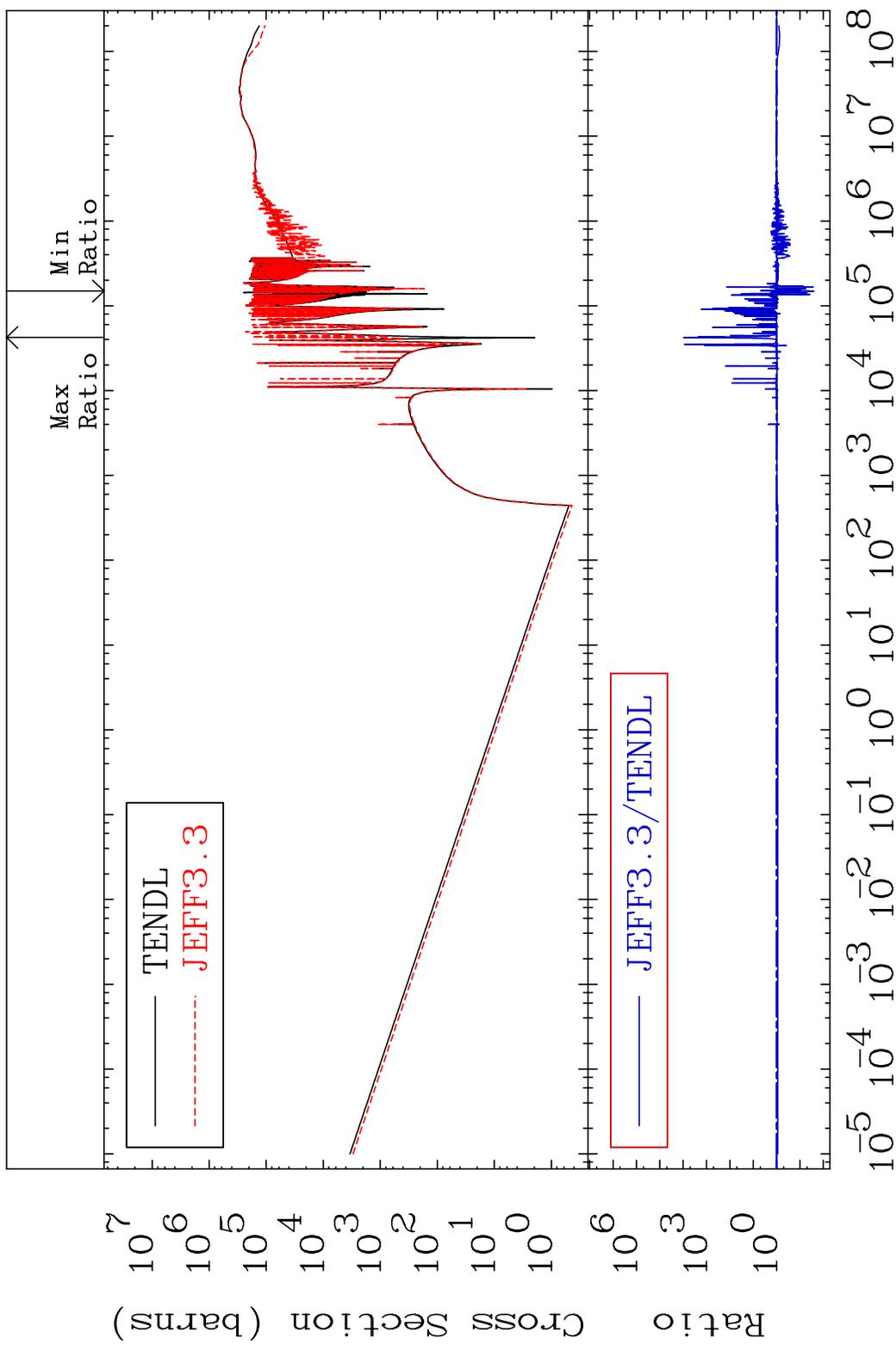
61 Incident Energy (eV) 22-Ti-46

MAT 2225 Total kinematic kerma (high limit) 22-Ti-46  
 Cross Section -97.50 To 9999. %



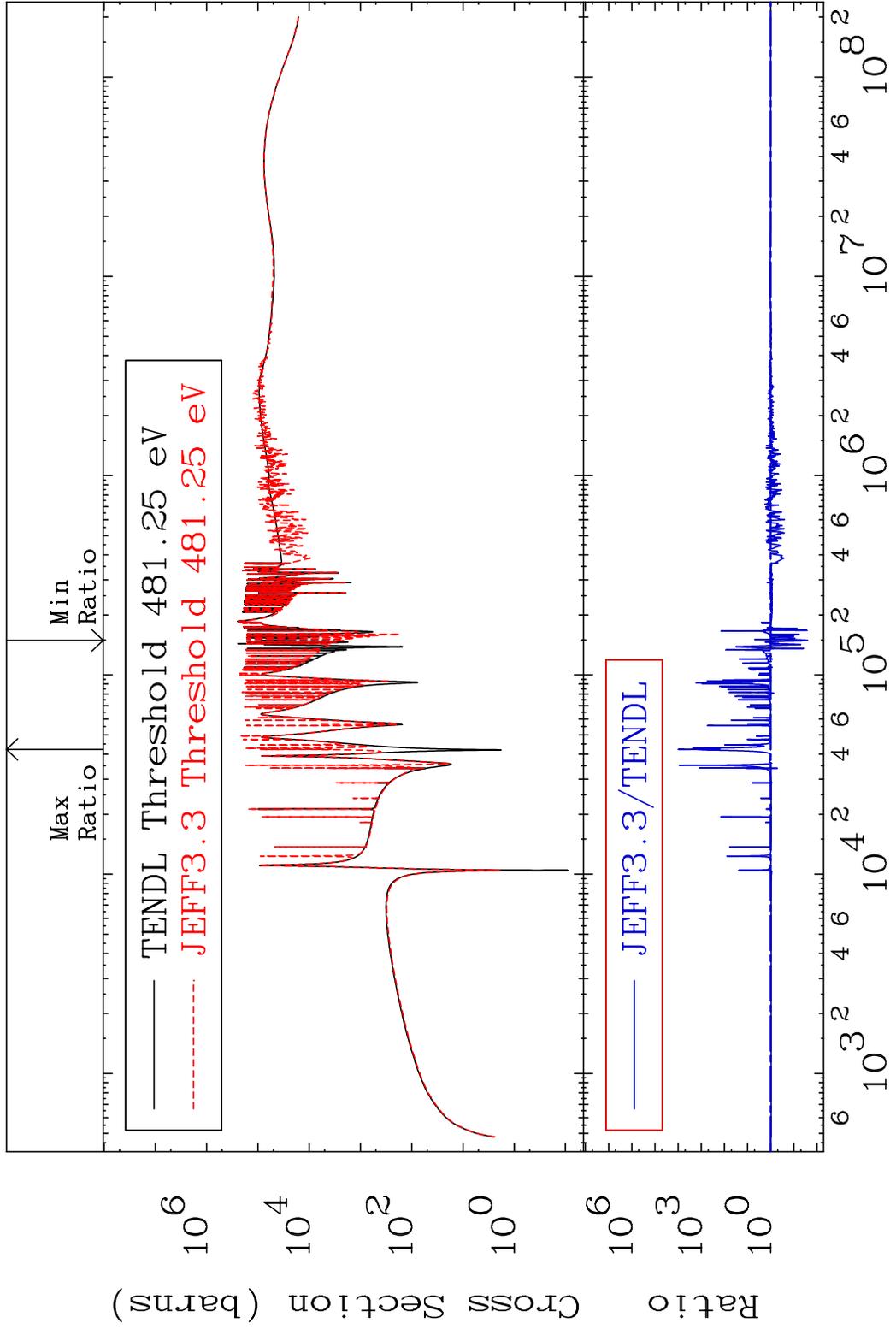
62 Incident Energy (eV) 22-Ti-46

MAT 2225      Dpa total (eV-barns)      22-Ti-46  
 Cross Section      -97.50 To 9999. %



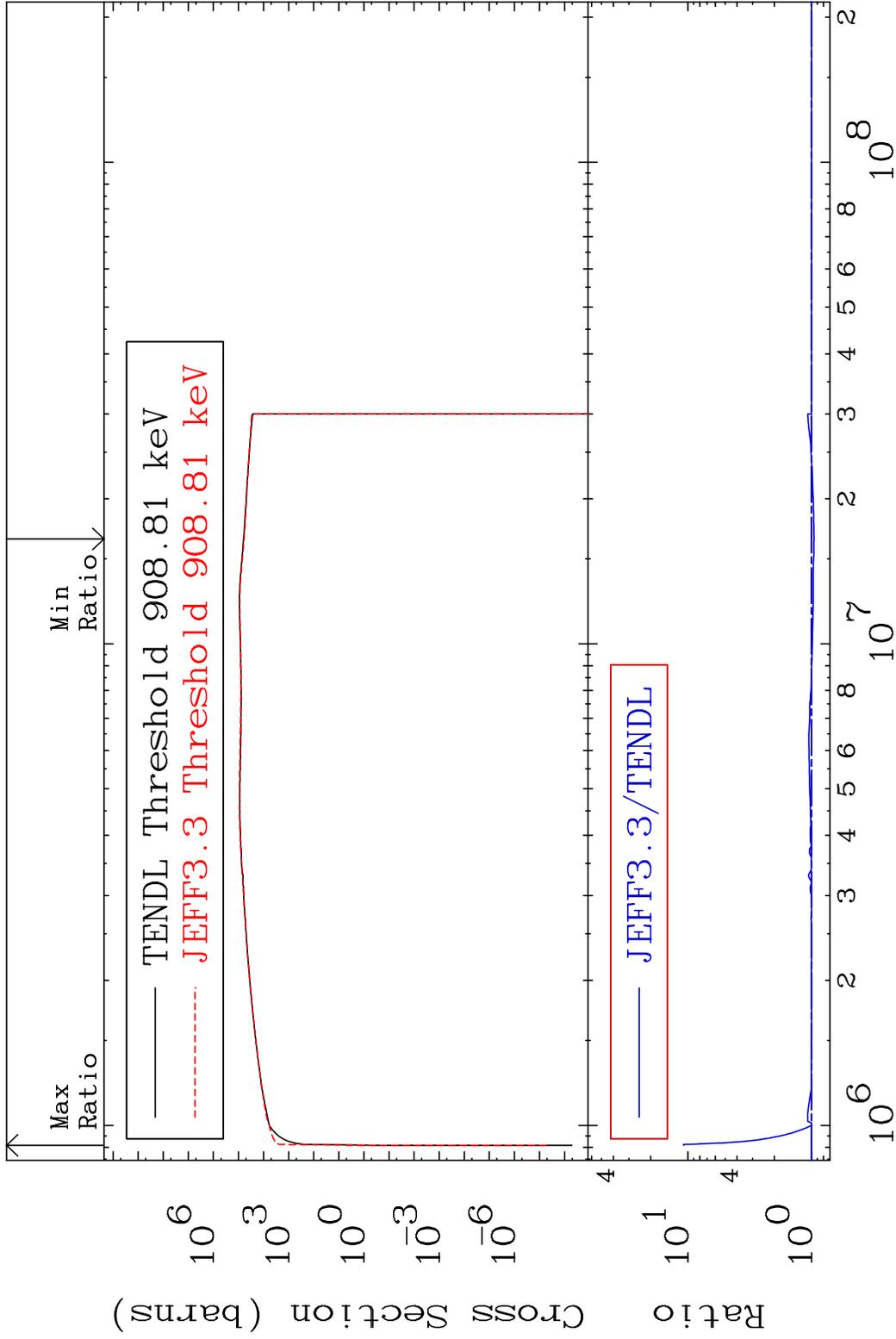
63      Incident Energy (eV)      22-Ti-46

MAT 2225 Dpa elastic (mt2) 22-Ti-46  
 Cross Section -97.50 To 9999. %



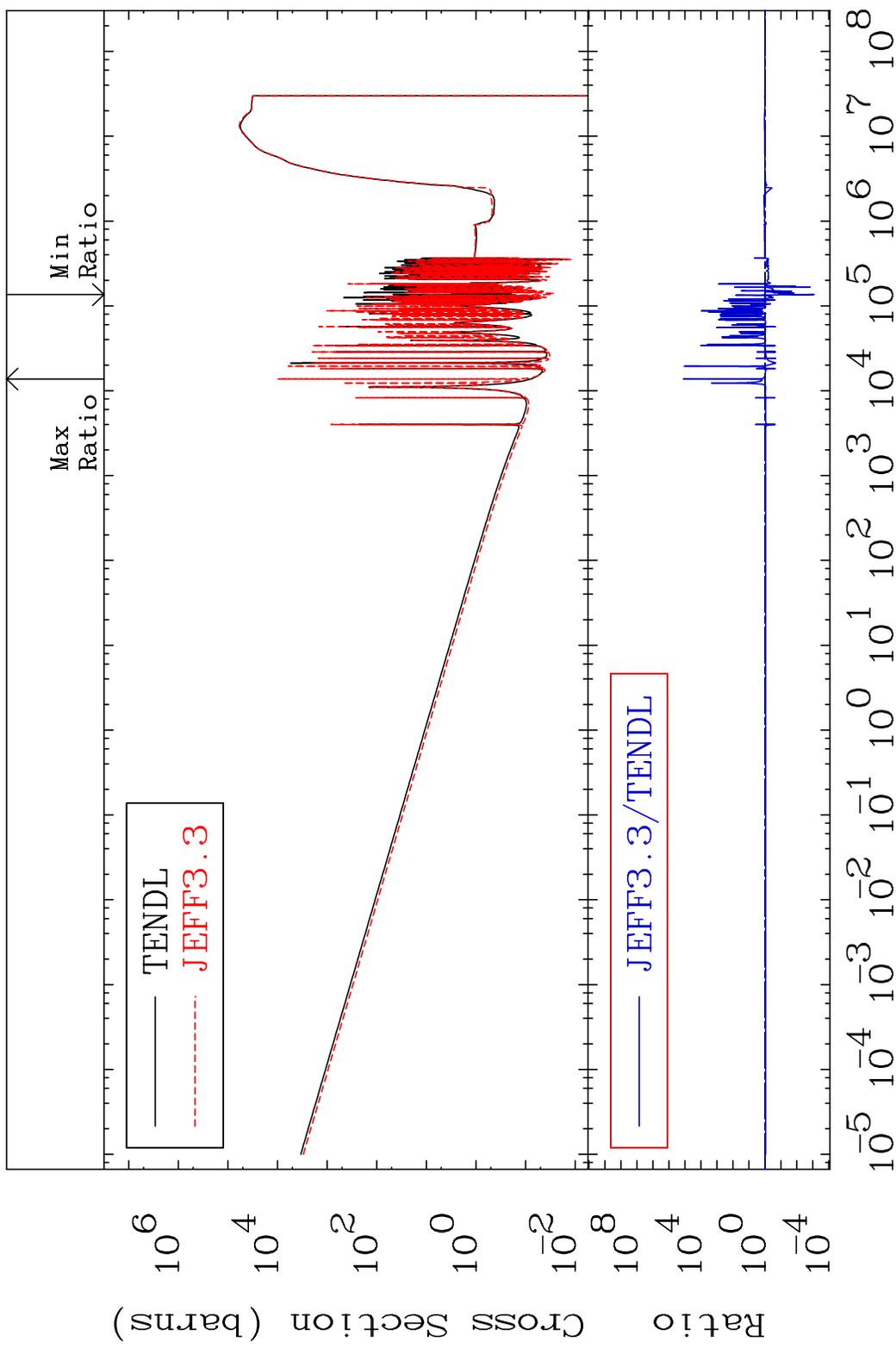
64 Incident Energy (eV) 22-Ti-46

MAT 2225 Dpa inelastic (mt51-91) 22-Ti-46  
 Cross Section -4.509 To 984.6 %

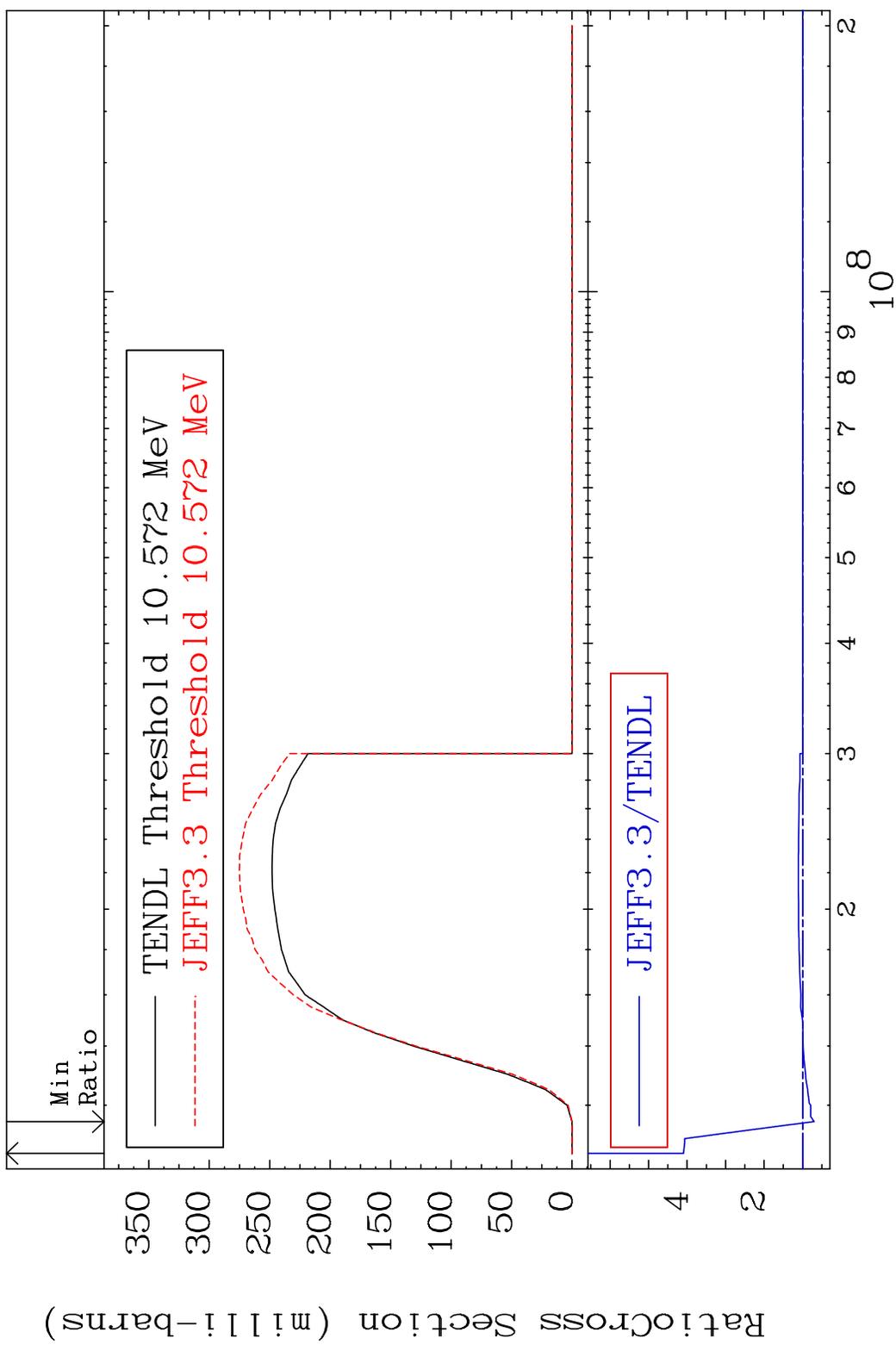


65 Incident Energy (eV) 22-Ti-46

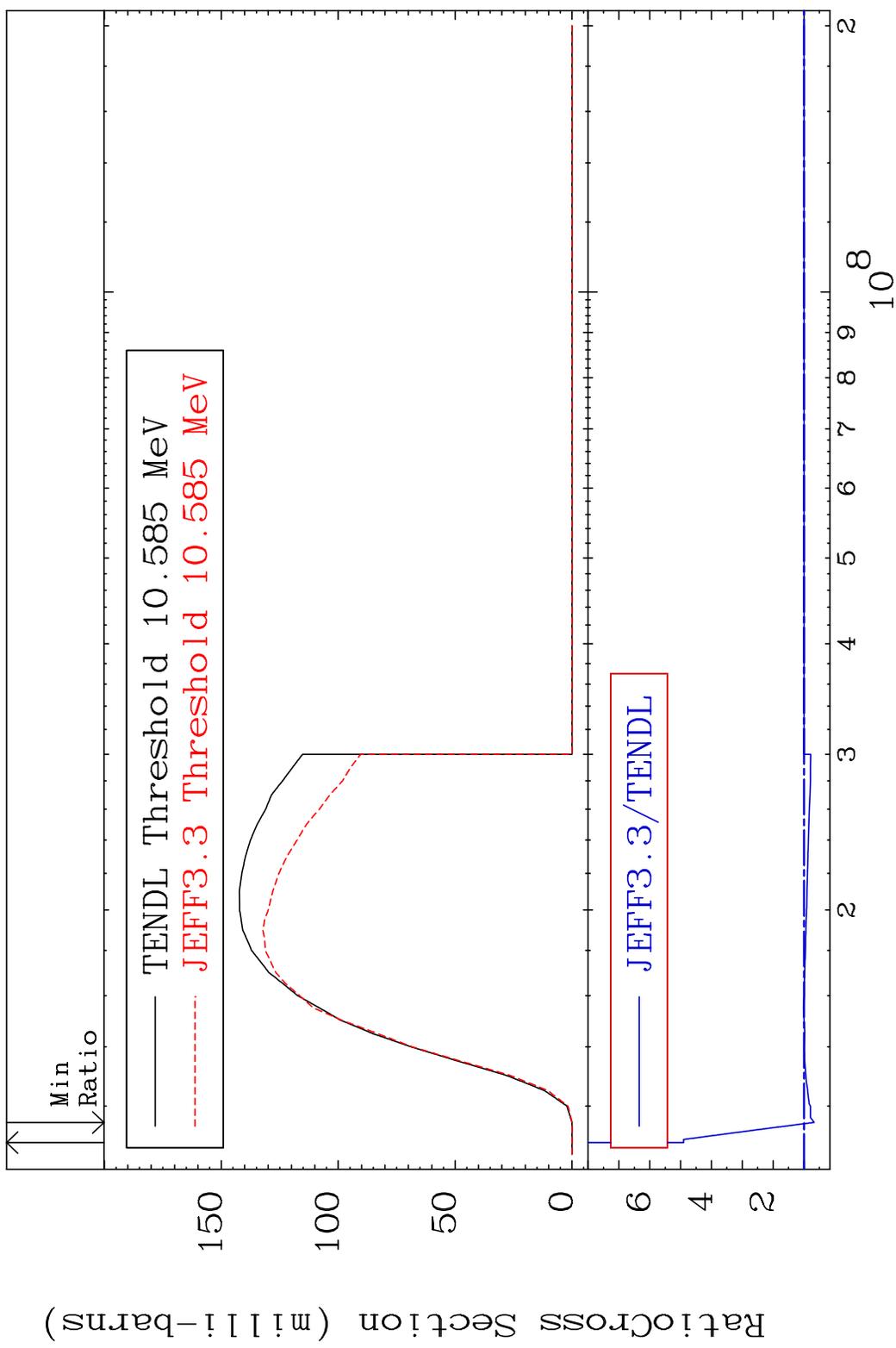
MAT 2225 Dpa disappearance (mt102 -120) 22-Ti-46  
 Cross Section -99.92 To 9999. %



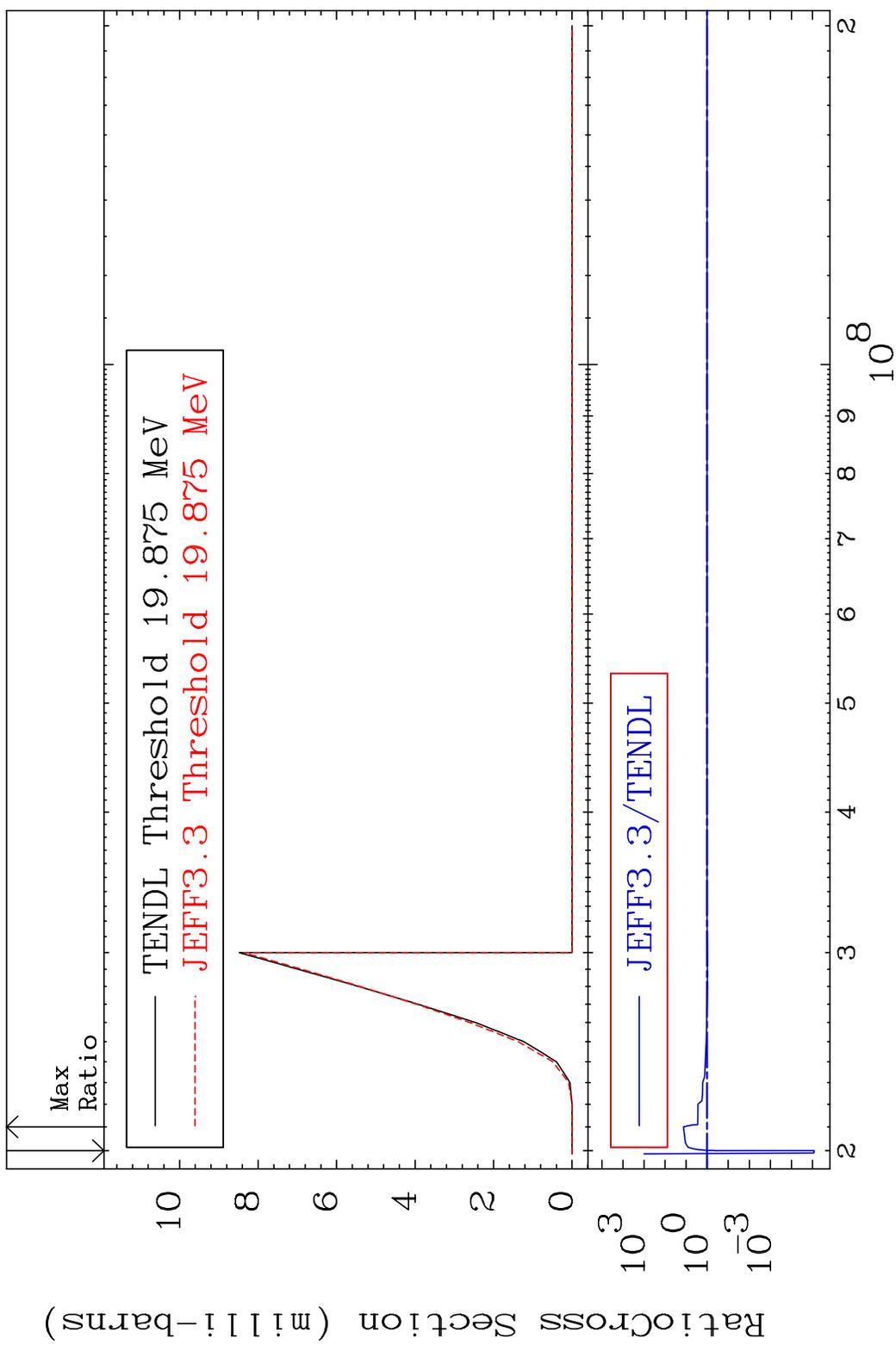
66 Incident Energy (eV) 22-Ti-46



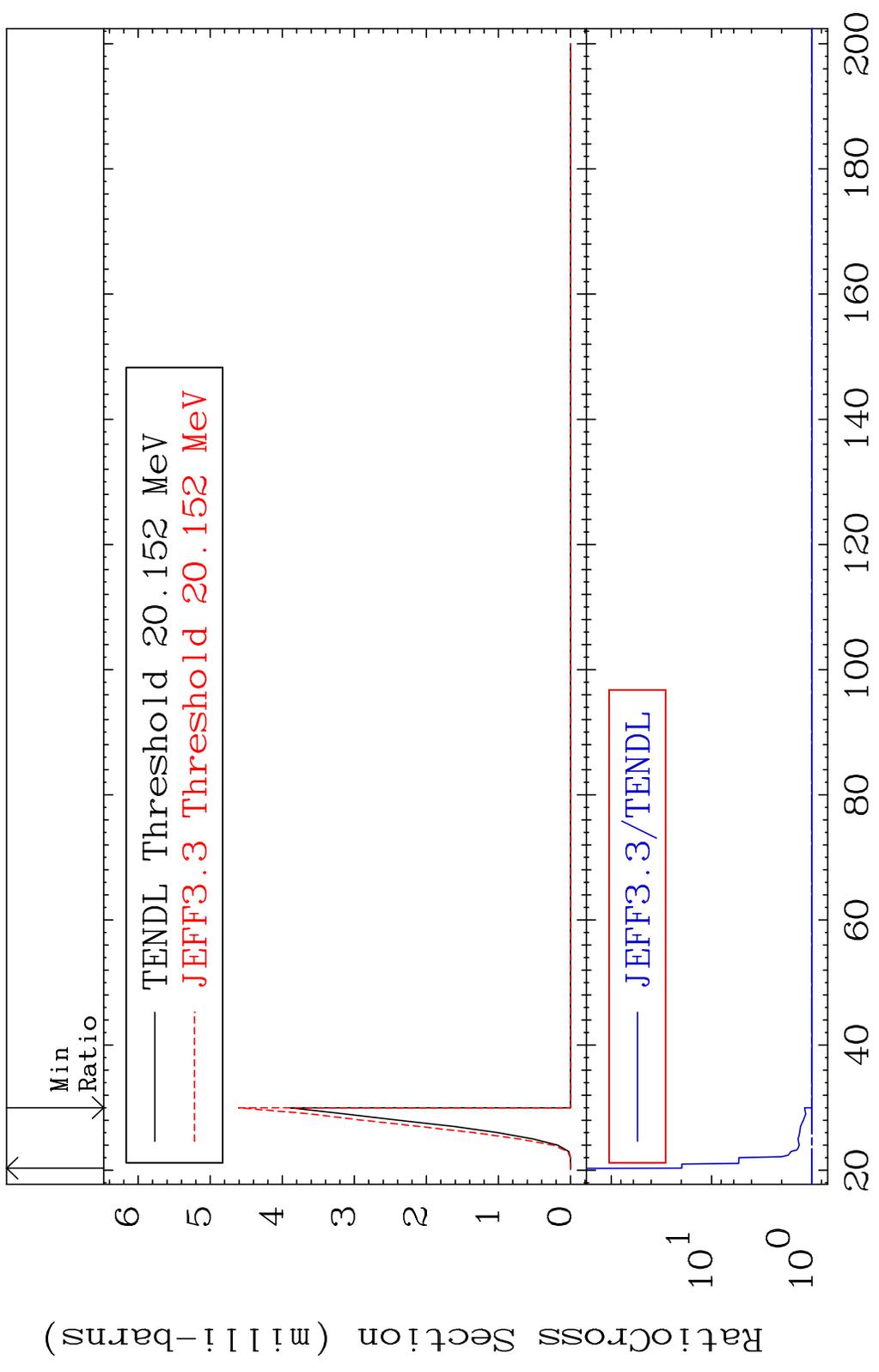
MAT 2225 (n, n') p:21-Sc-45m1 22-Ti-46  
 Radionuclide Production Cross Section 32661 d to 390.6 %



68 22-Ti-46

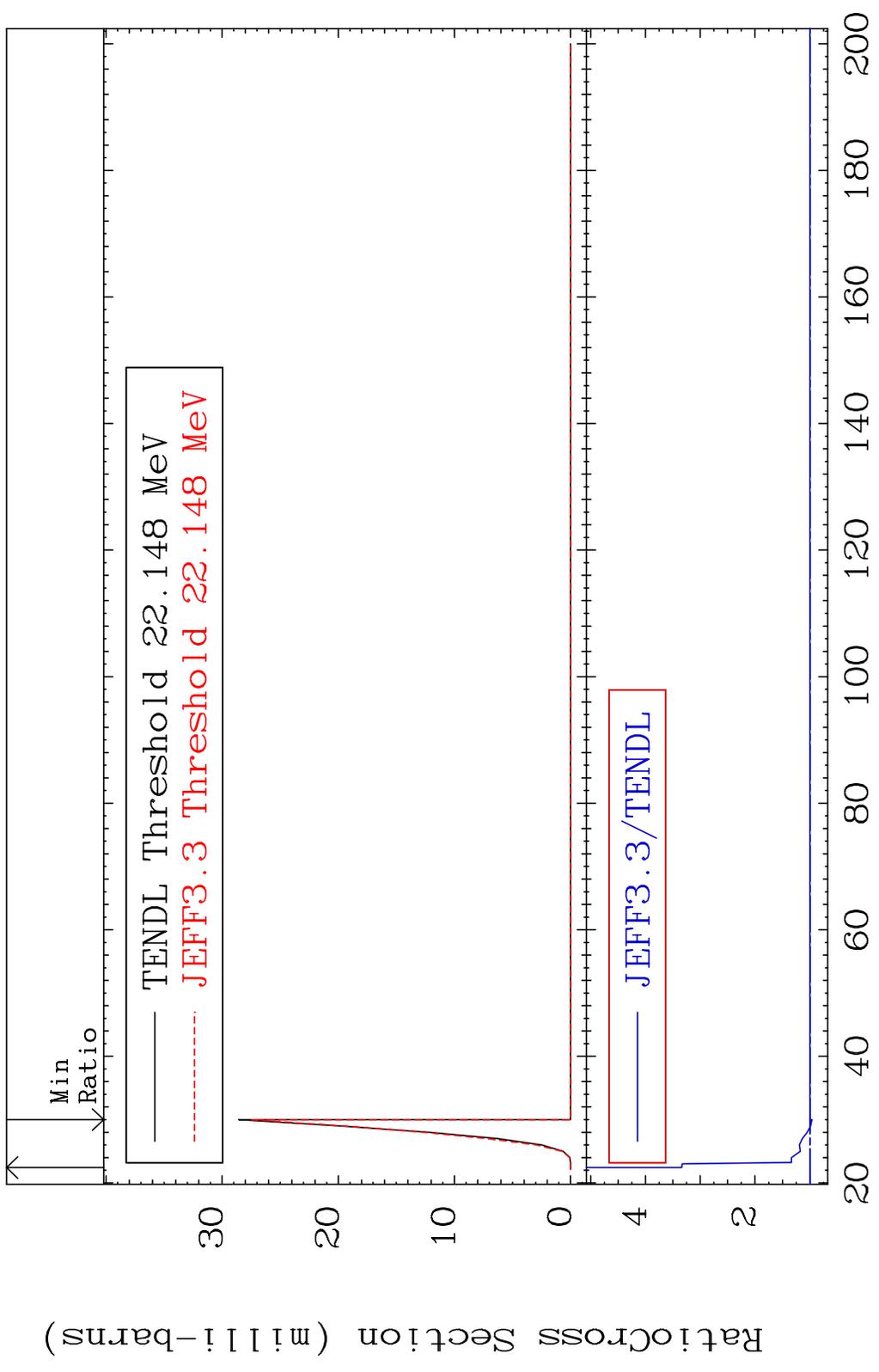


MAT 2225 (n, n') d:21-Sc-44m4 22-Ti-46  
Radionuclide Production Cross Section 1883. %

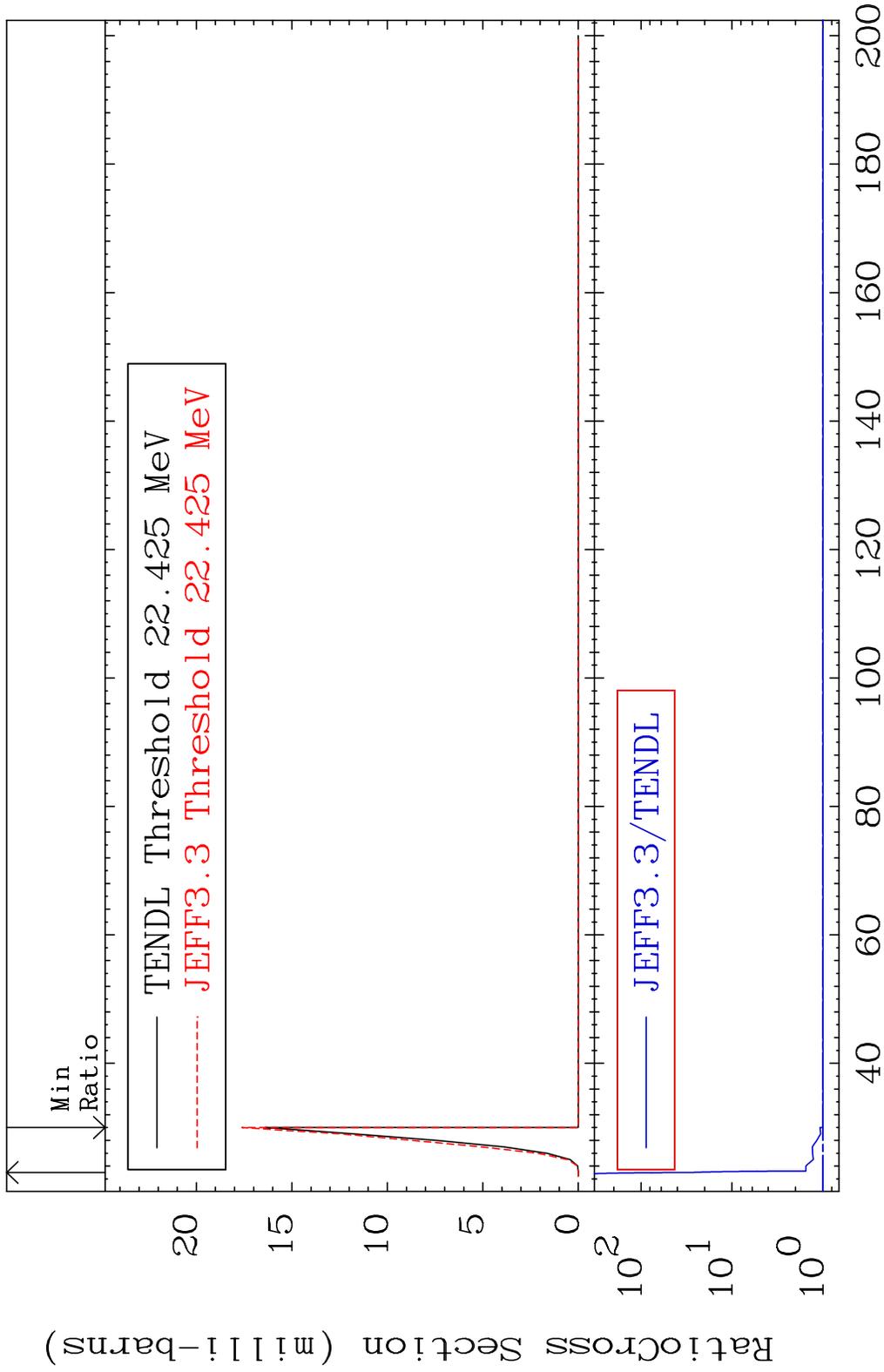


70 Incident Energy (MeV) 22-Ti-46

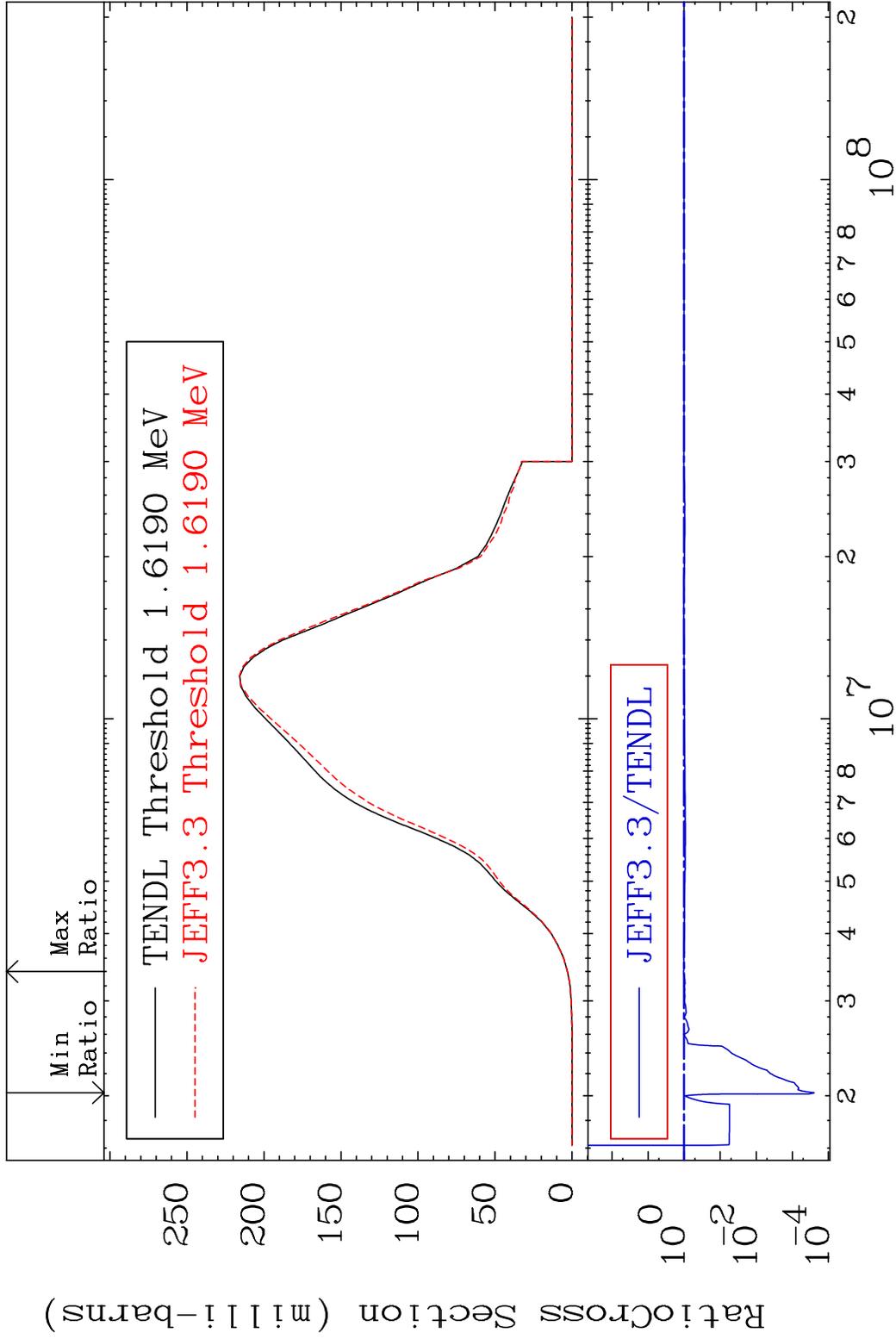
MAT 2225 (n,2n) p:21-Sc-44g 22-Ti-46  
 Radionuclide Production Cross Section 233.9 %



71 22-Ti-46

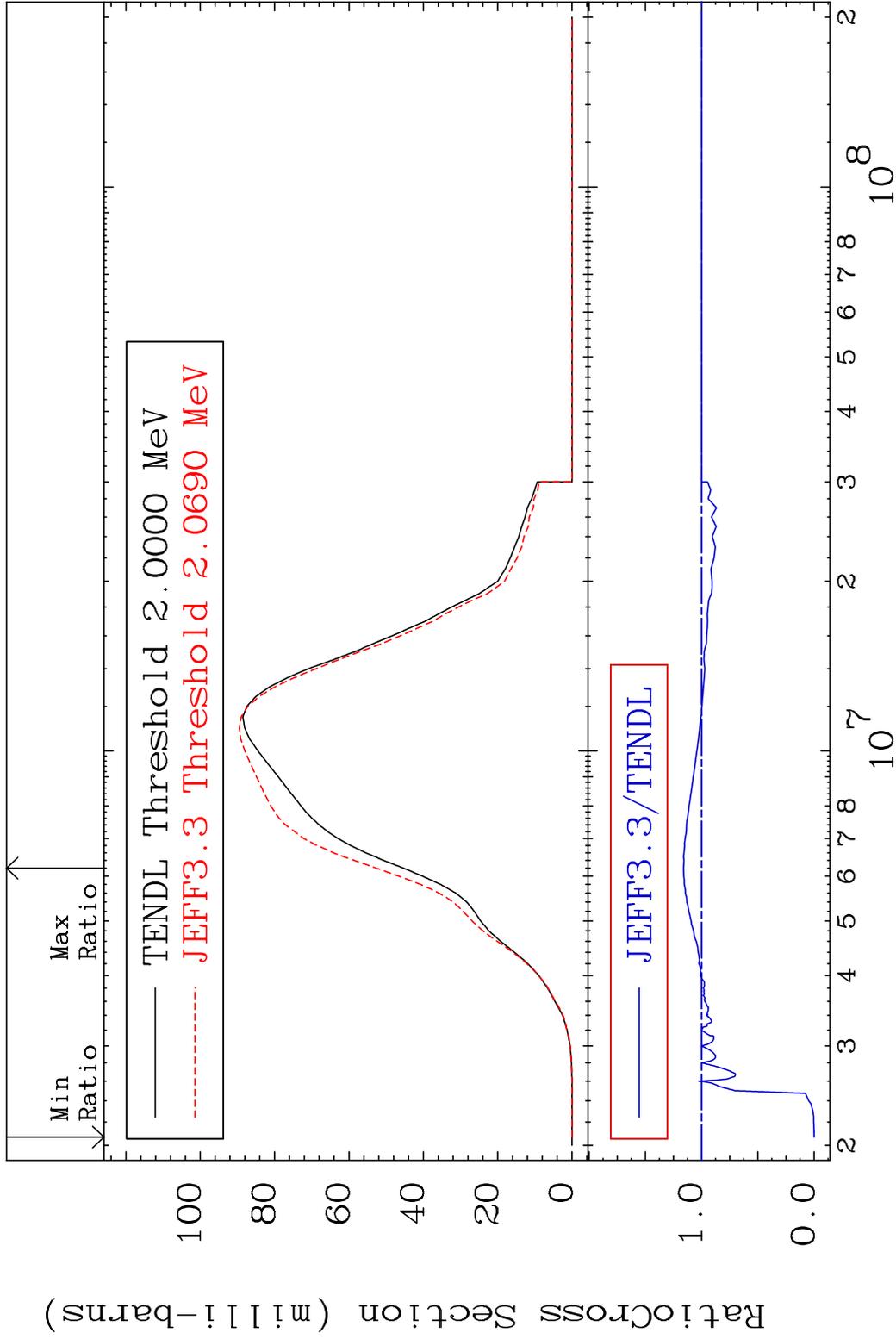


MAT 2225 (n,p):21-Sc-46g 22-Ti-46  
 Radionuclide Production Cross Section 3.707 %

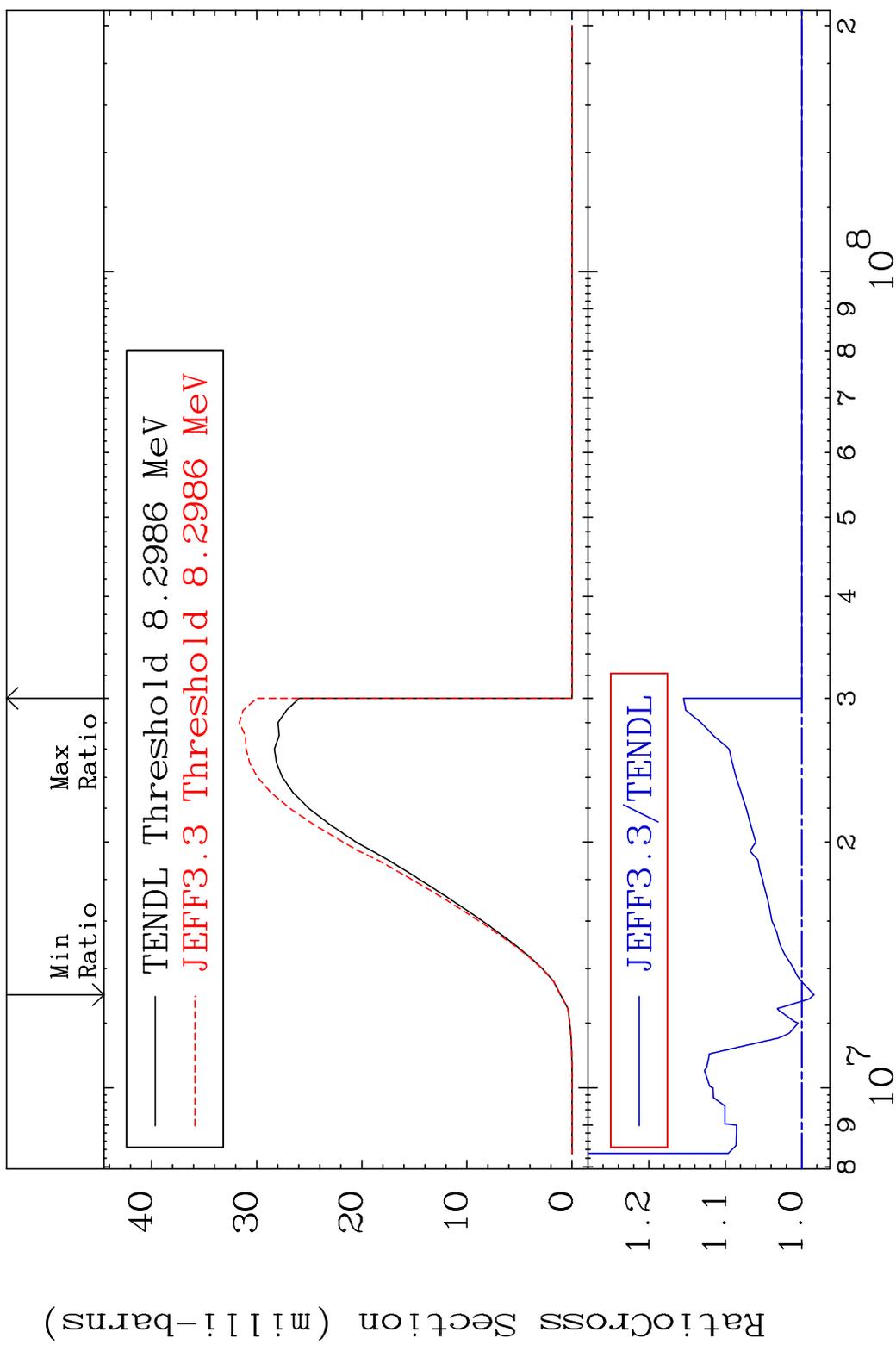


73 Incident Energy (eV) 22-Ti-46

MAT 2225 (n,p):21-Sc-46m2 22-Ti-46  
 Radionuclide Production Cross Section 180000 dpo 16.05 %

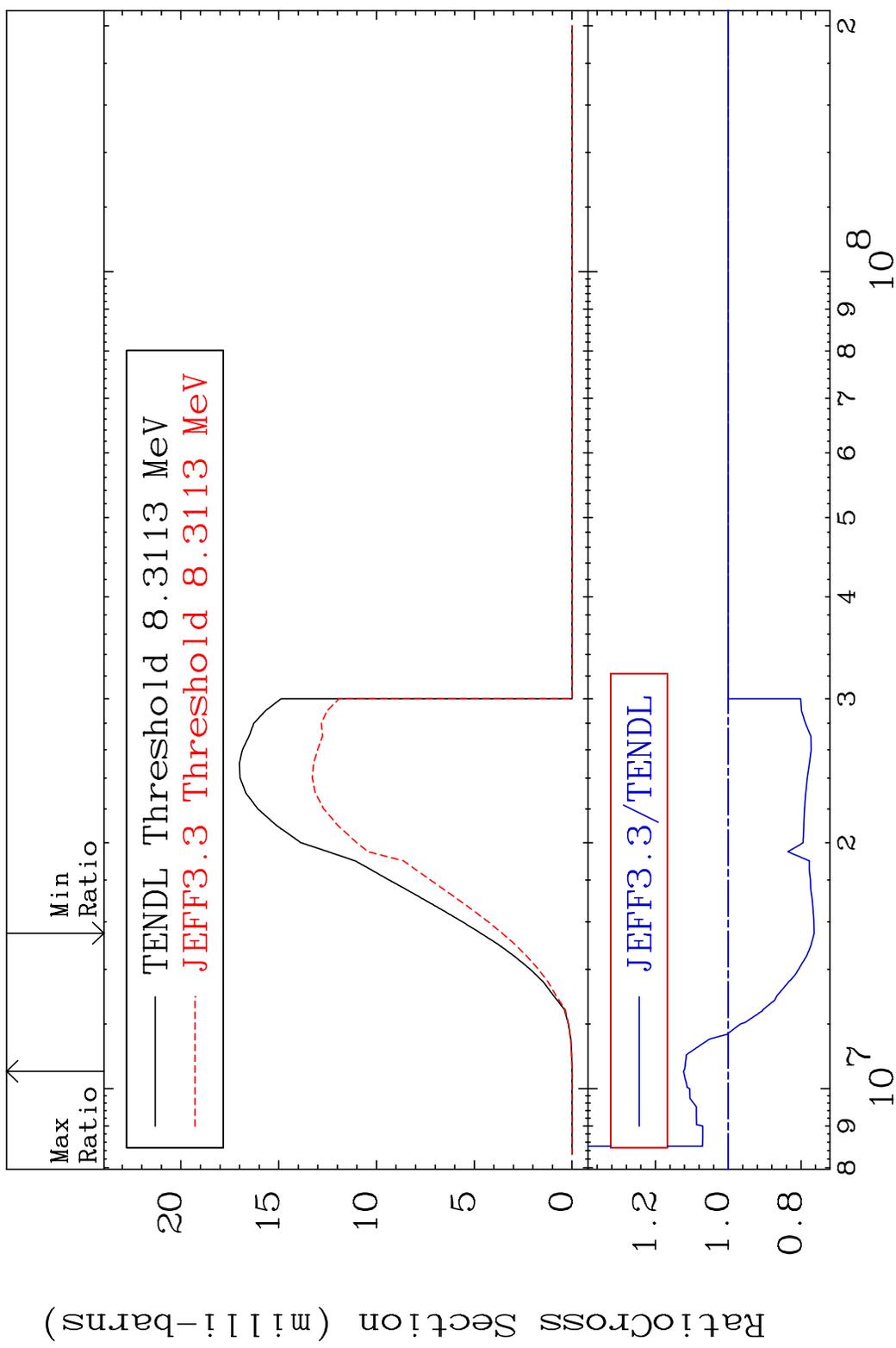


MAT 2225 (n, d): 21-Sc-45g 22-Ti-46  
 Radionuclide Production Cross Section 15.47 %

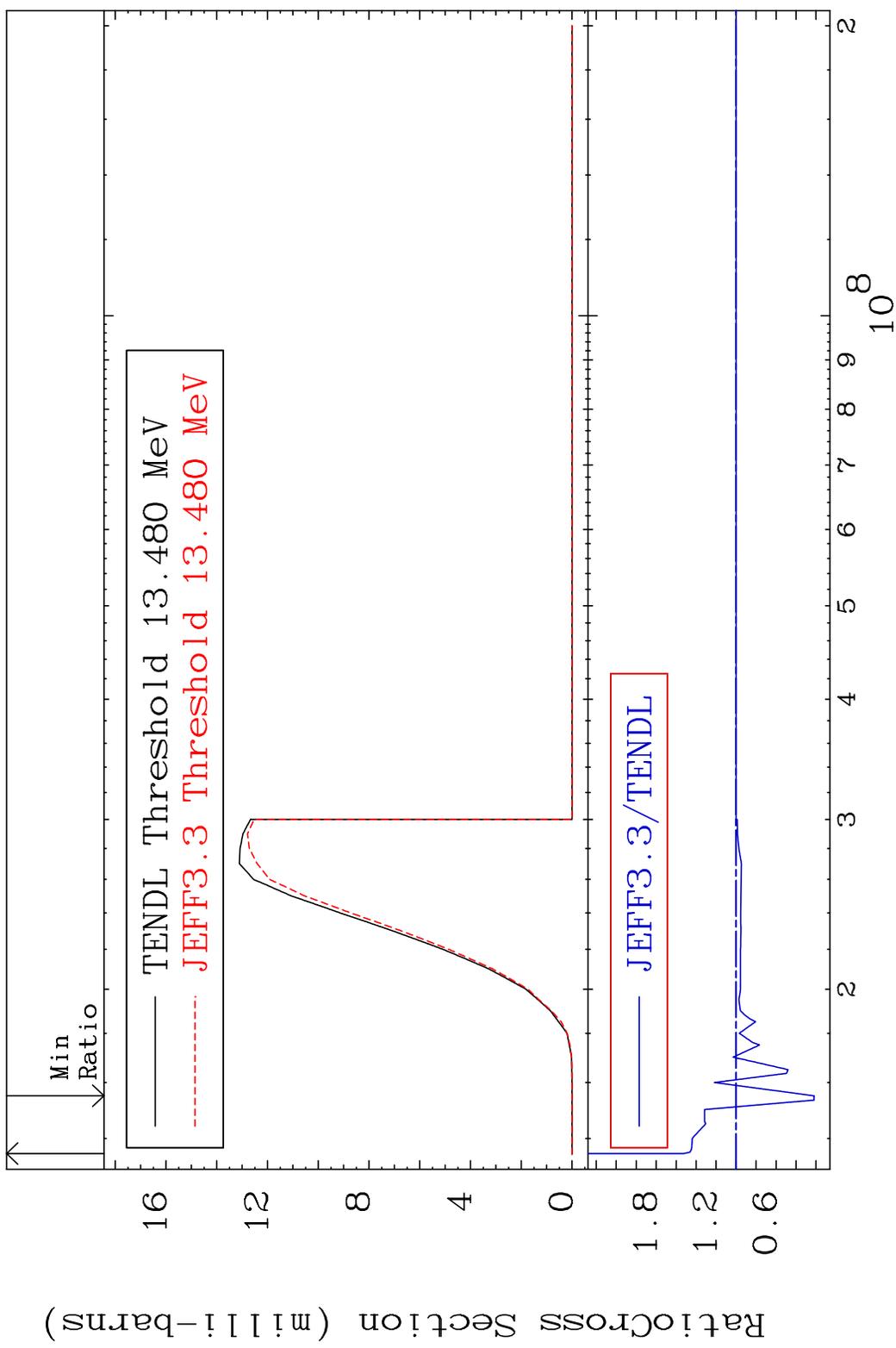


75 22-Ti-46

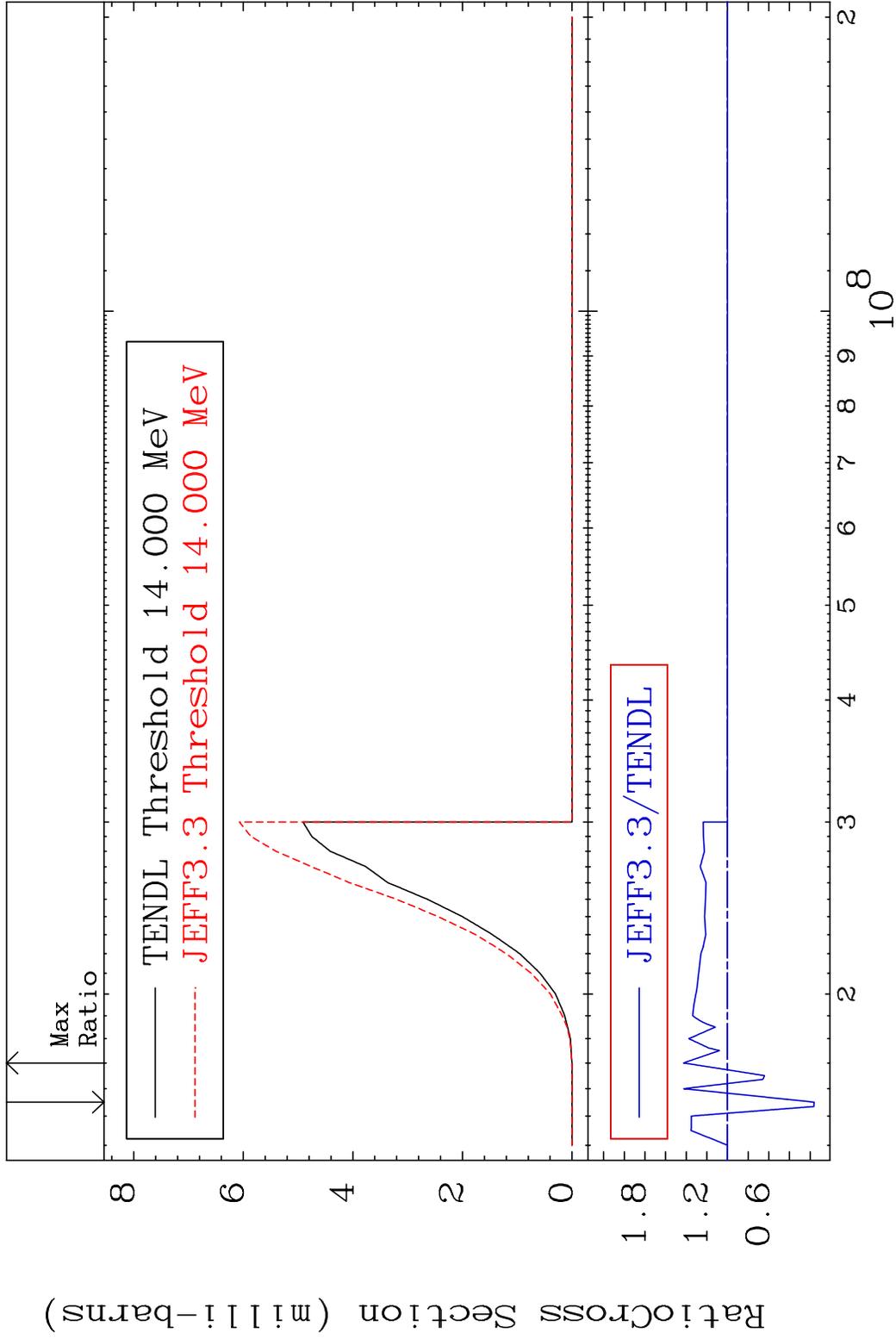
MAT 2225 (n,d):21-Sc-45m1 22-Ti-46  
 Radionuclide Production Cross Section 12.28 %



76 Incident Energy (eV) 22-Ti-46



MAT 2225 (n,t):21-Sc-44m4 22-Ti-46  
 Radionuclide Production Cross Section 42.60 %



78 Incident Energy (eV) 22-Ti-46