

Program Complot  
(Version 2021-1)

by

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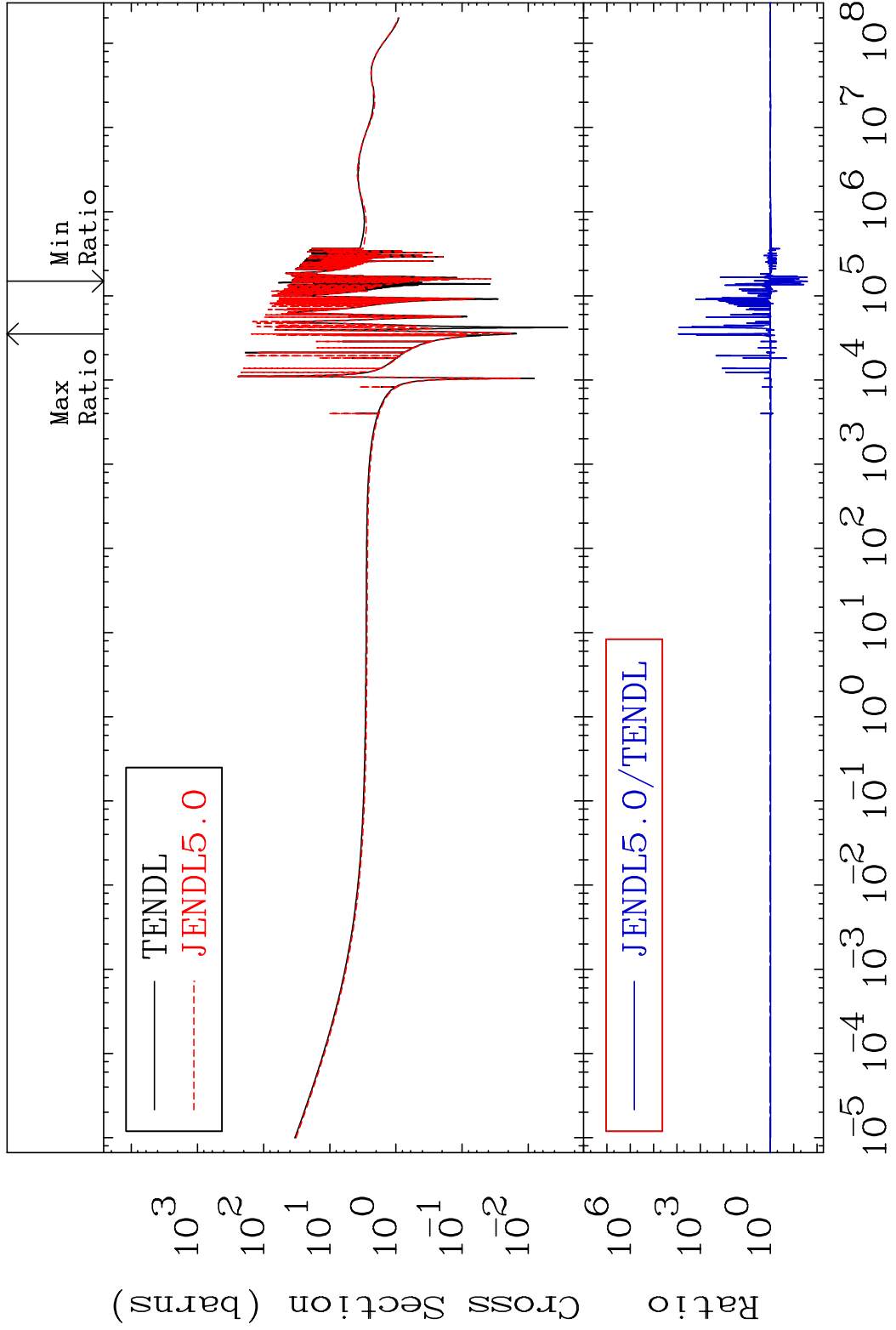
U.S.A.

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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

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



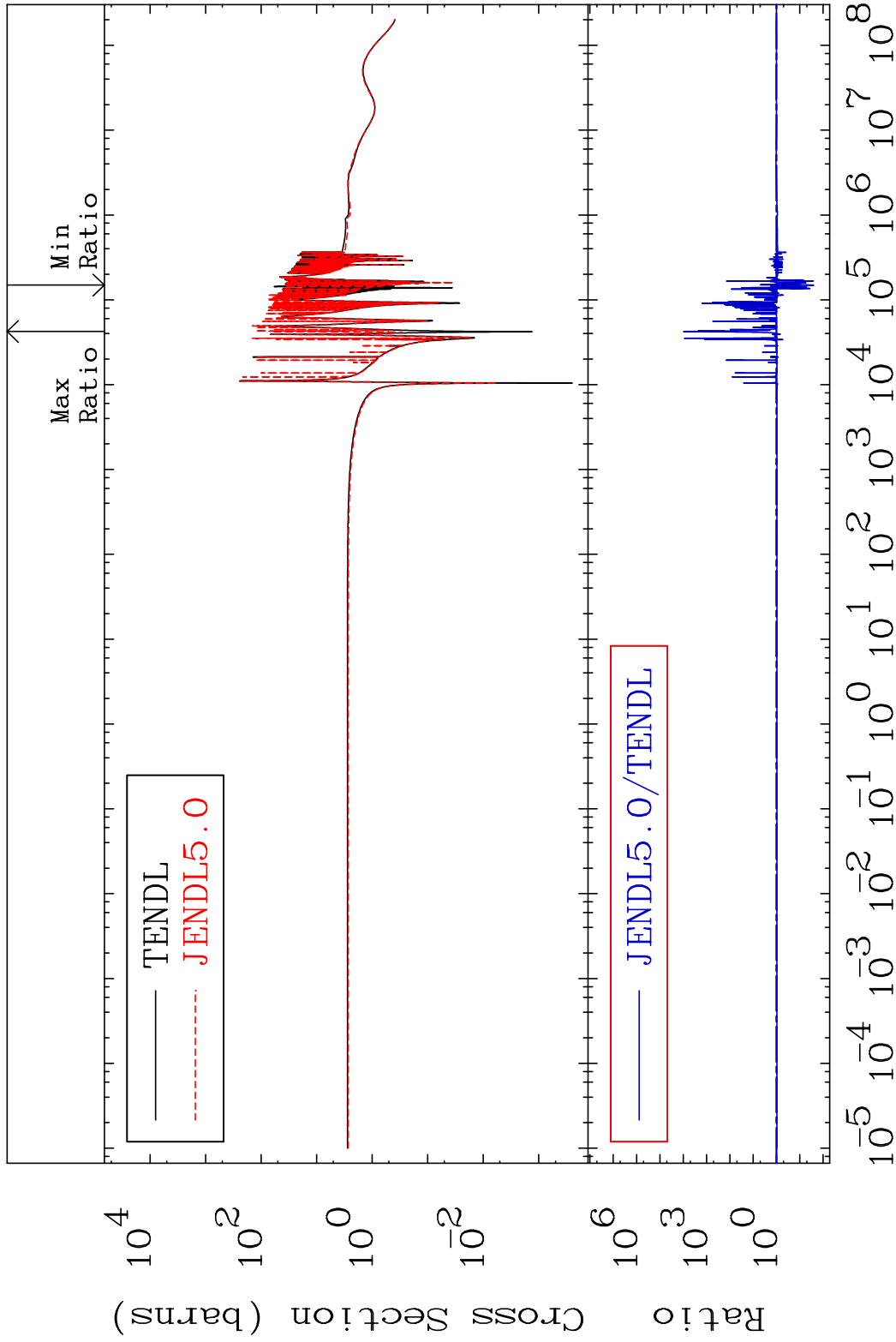
1                      Incident Energy (eV)                      22-Ti-46

MAT 2225

Elastic

22-Ti-46

Cross Section -97.50 To 9999. %

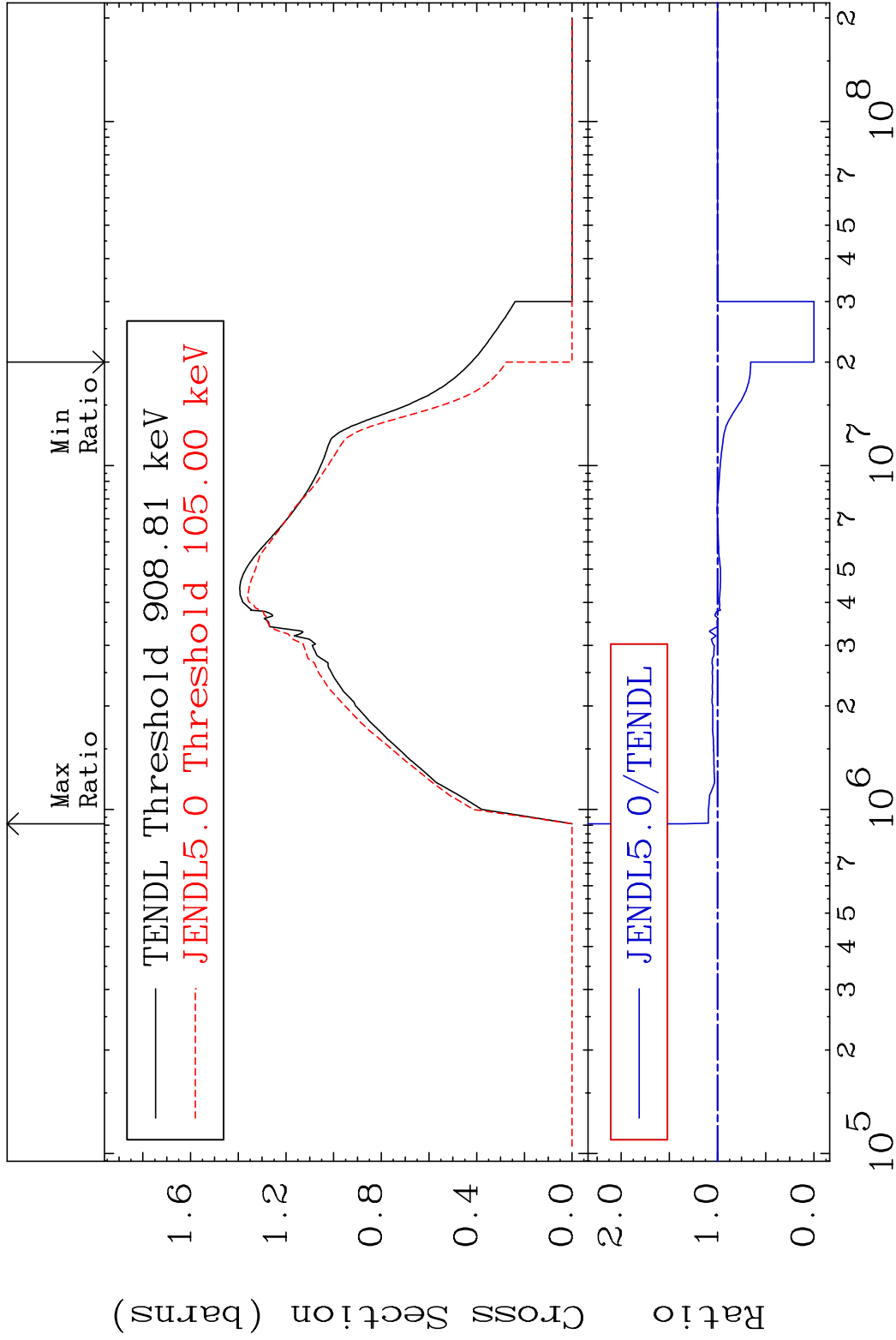


2

Incident Energy (eV)

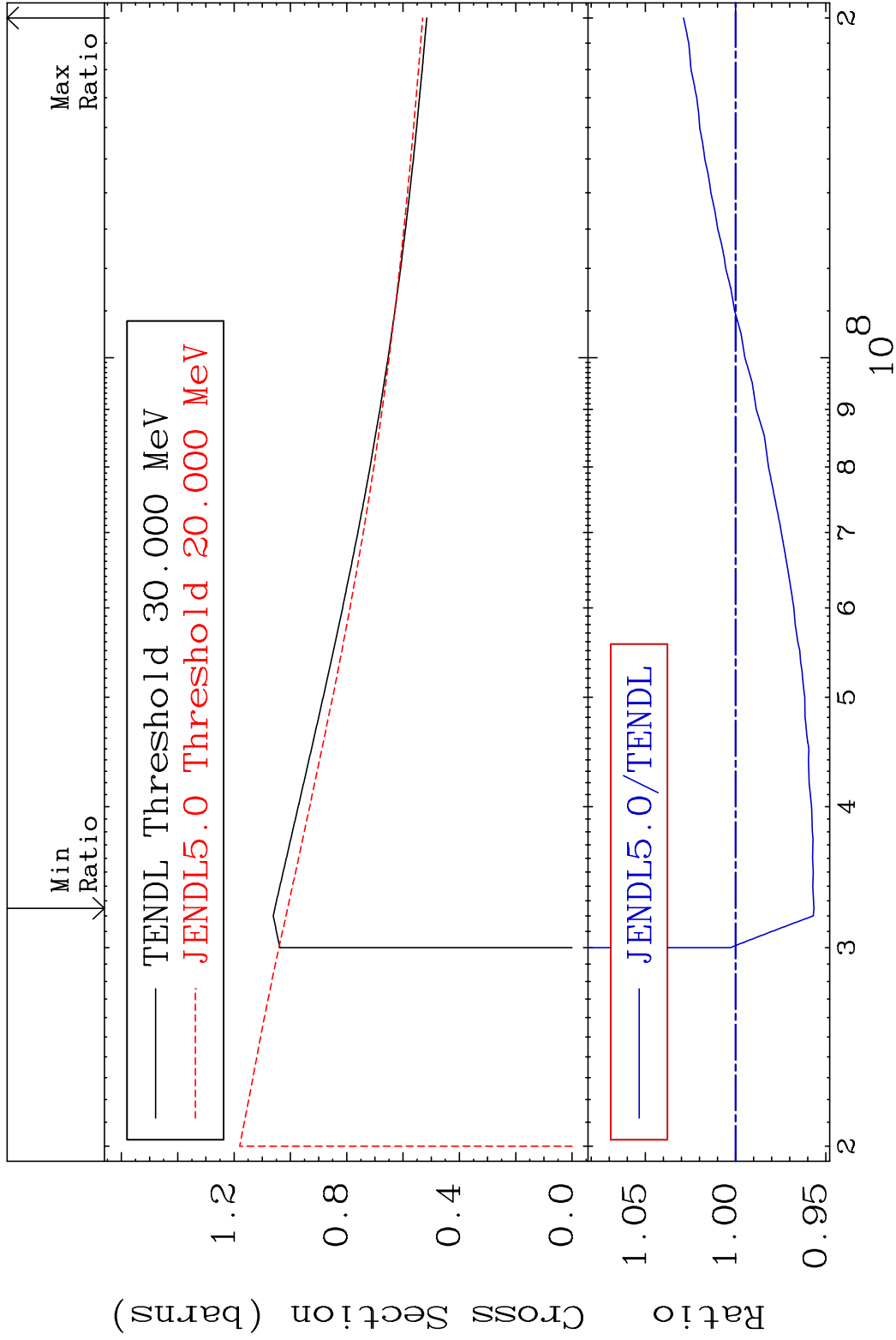
22-Ti-46

MAT 2225 Inelastic Cross Section -100.0 To 35.33 % <sup>22</sup>Ti-46

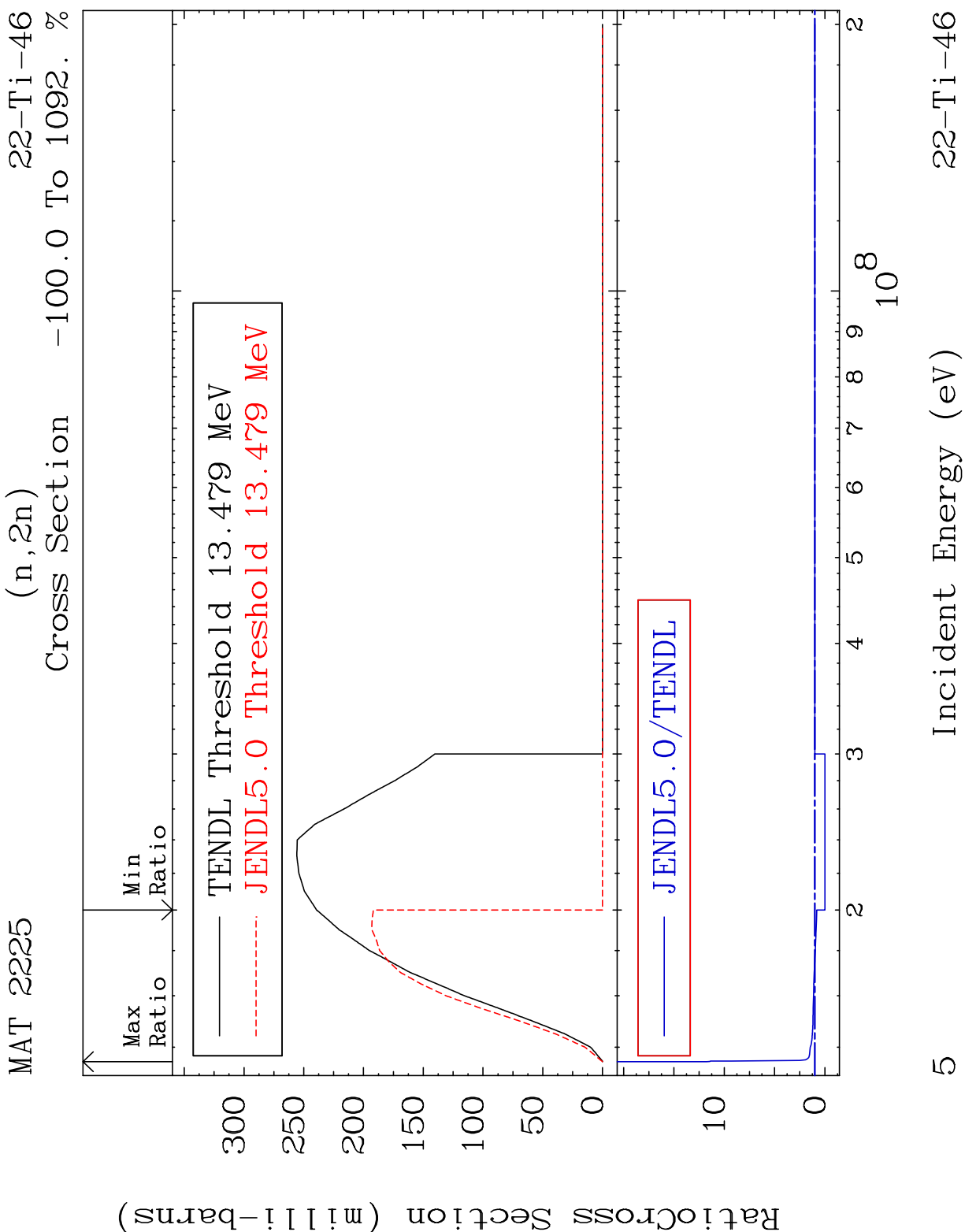


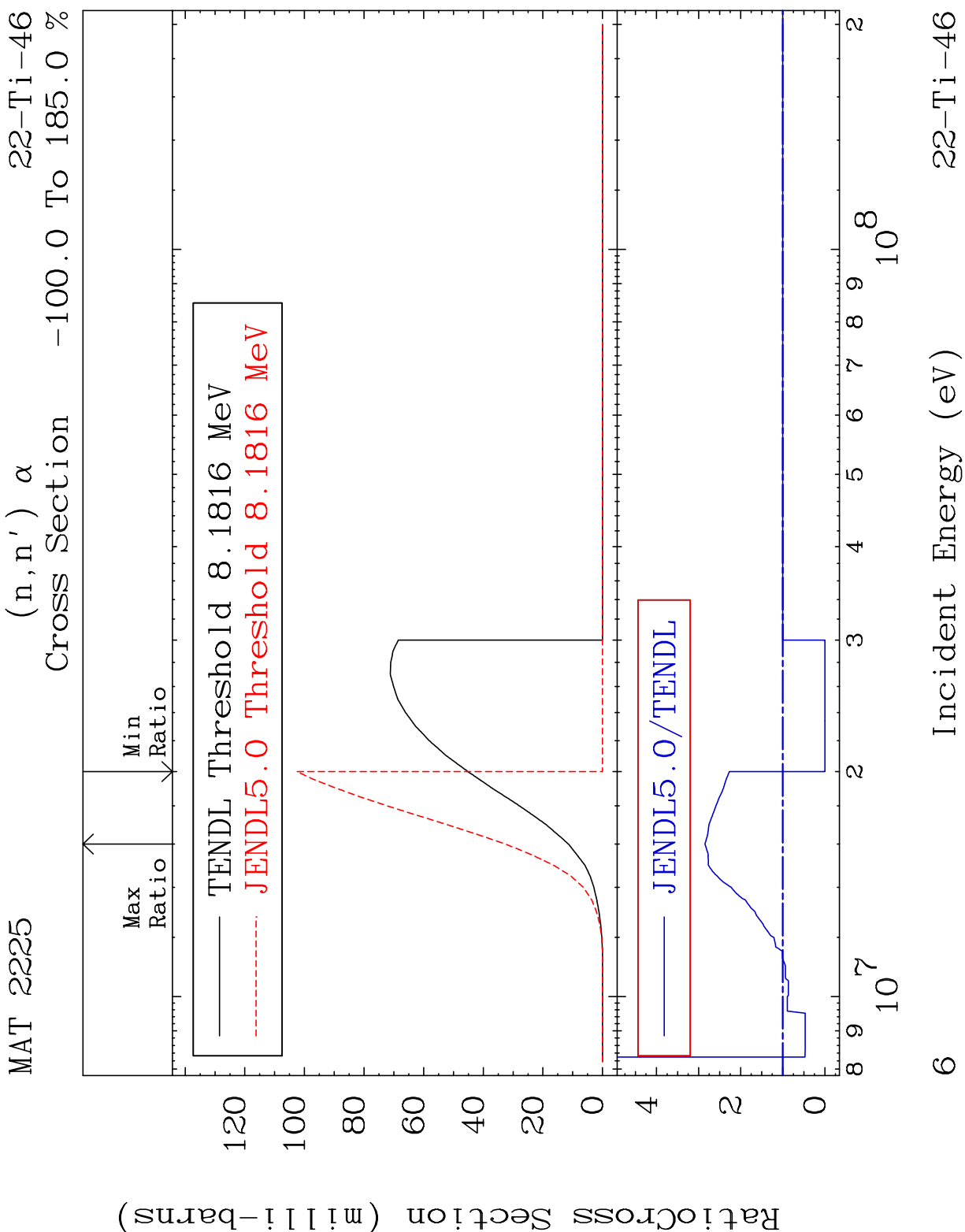
3 Incident Energy (eV) <sup>22</sup>Ti-46

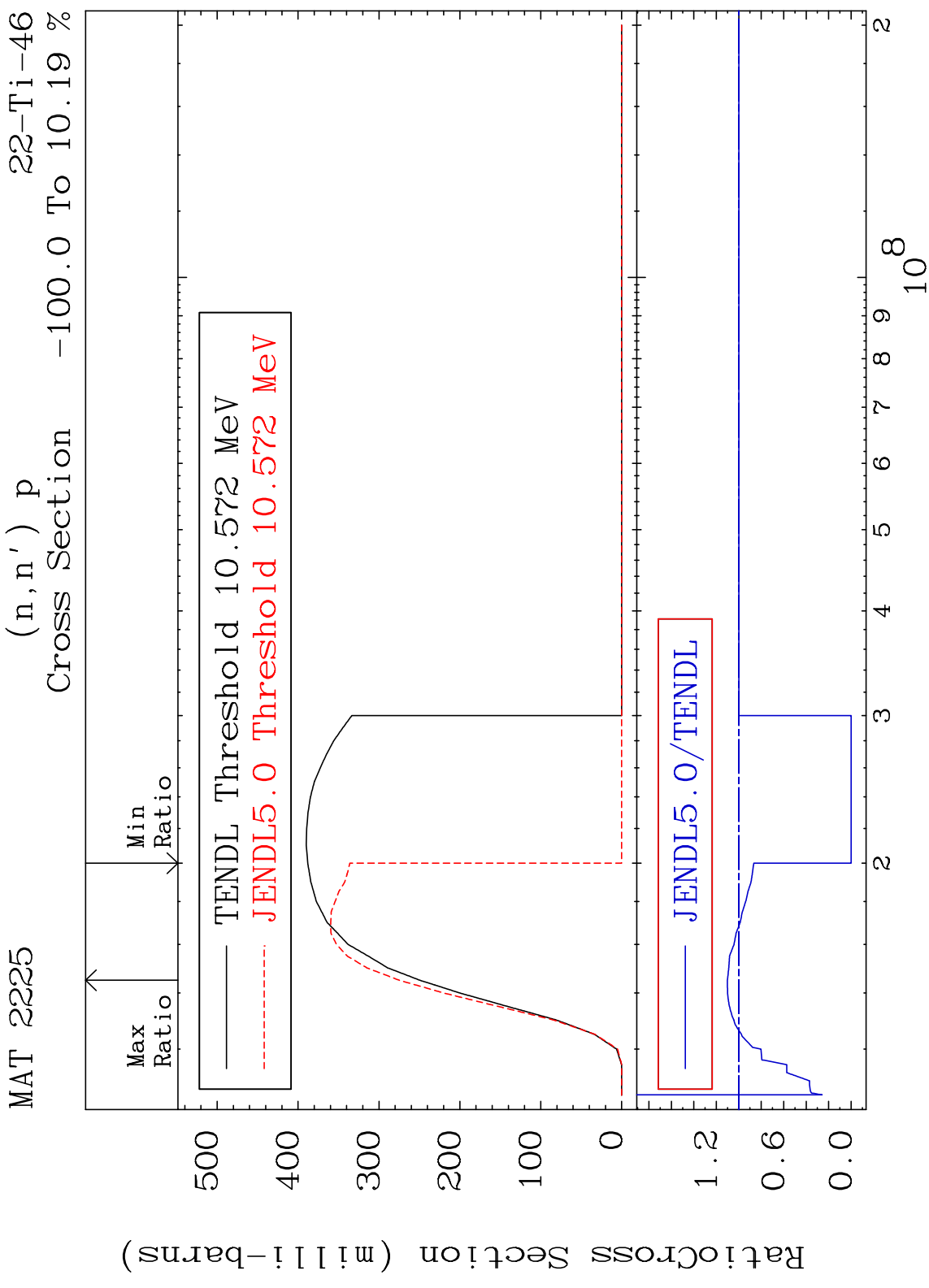
MAT 2225 (n, remainder) 22-Ti-46  
 Cross Section -4.337 To 2.889 %



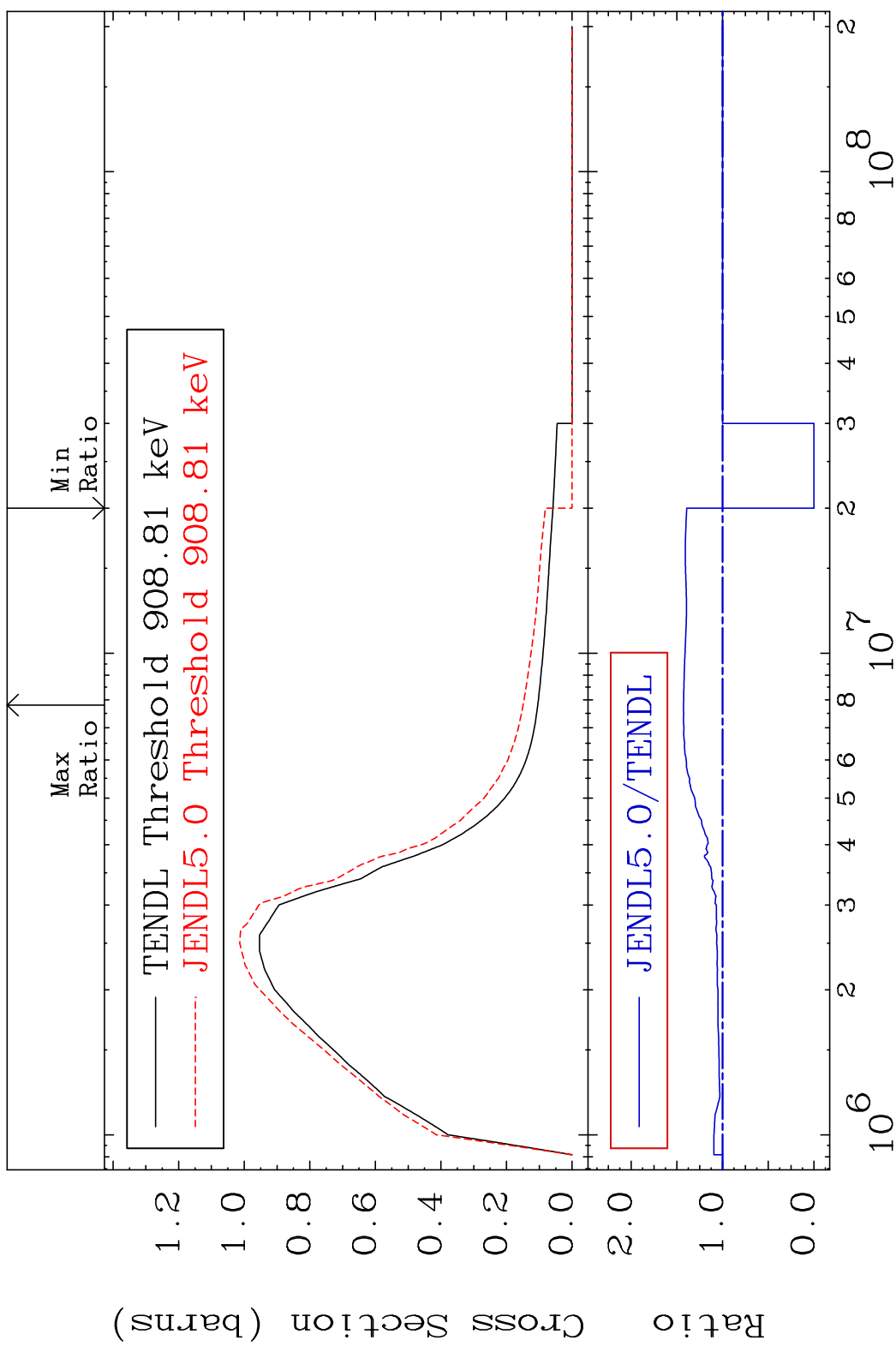
4 Incident Energy (eV) 22-Ti-46





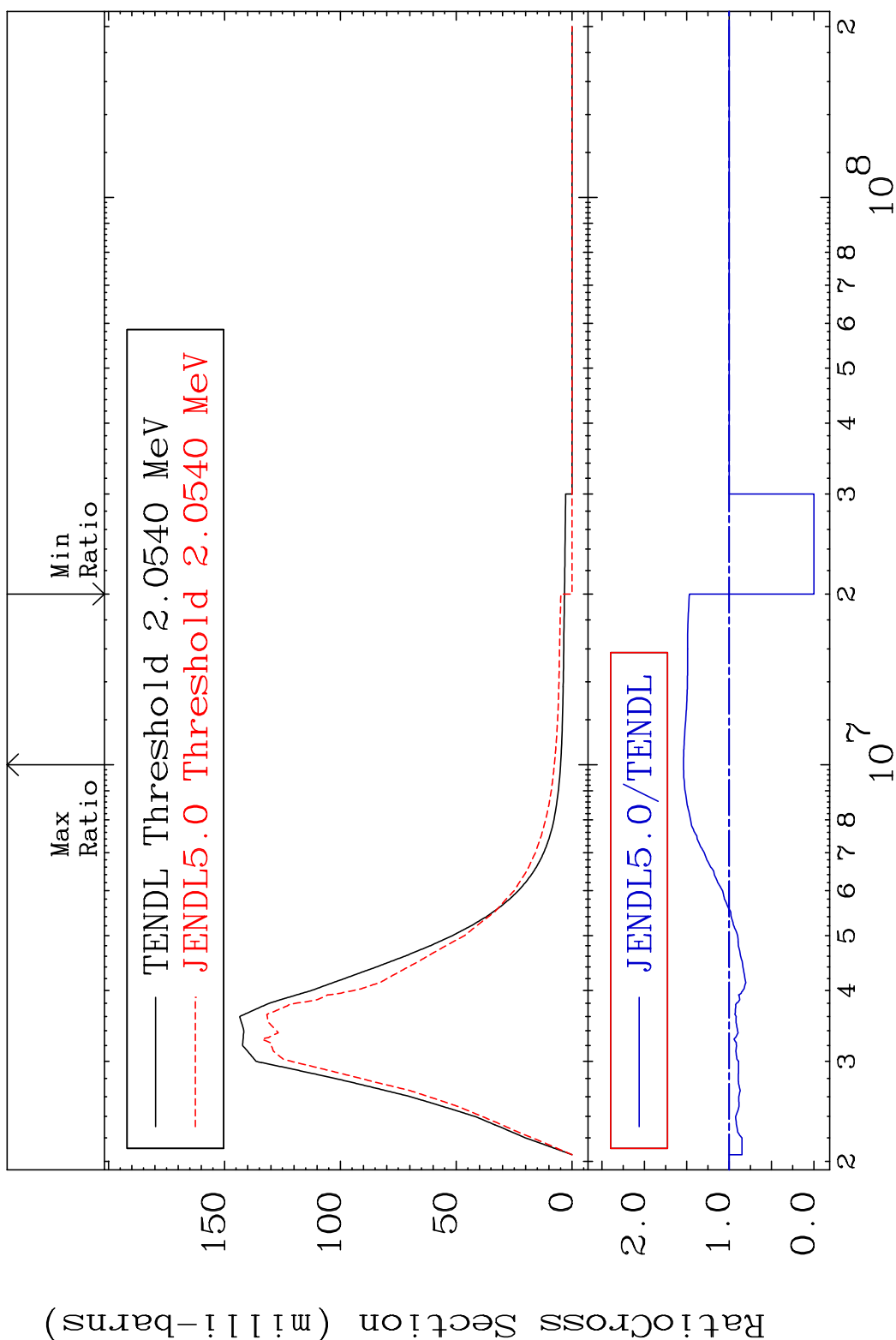


MAT 2225 MT= 51 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 42.76 %

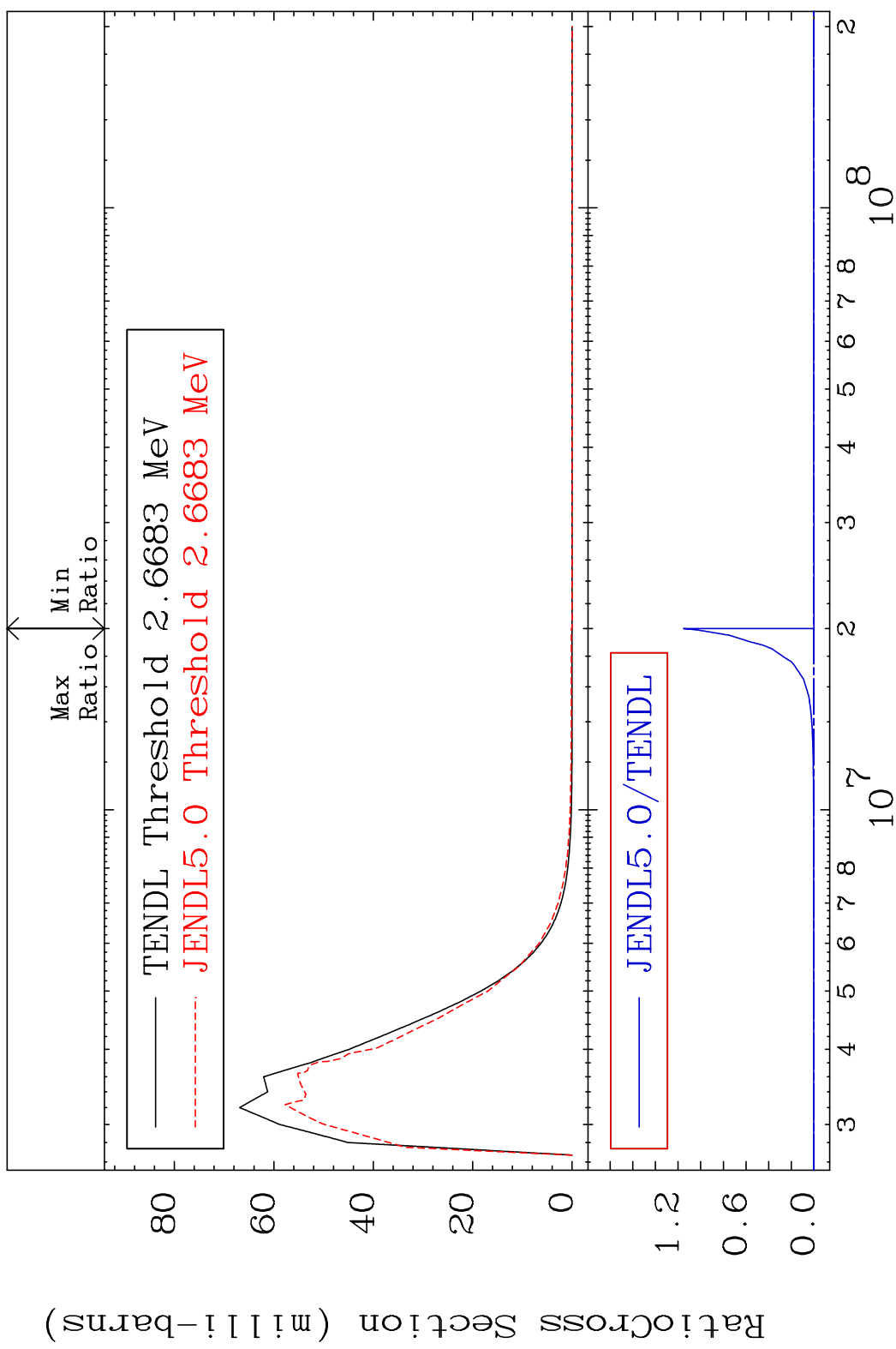


8 Incident Energy (eV) 22-Ti-46

MAT 2225 MT= 52 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 53.89 %

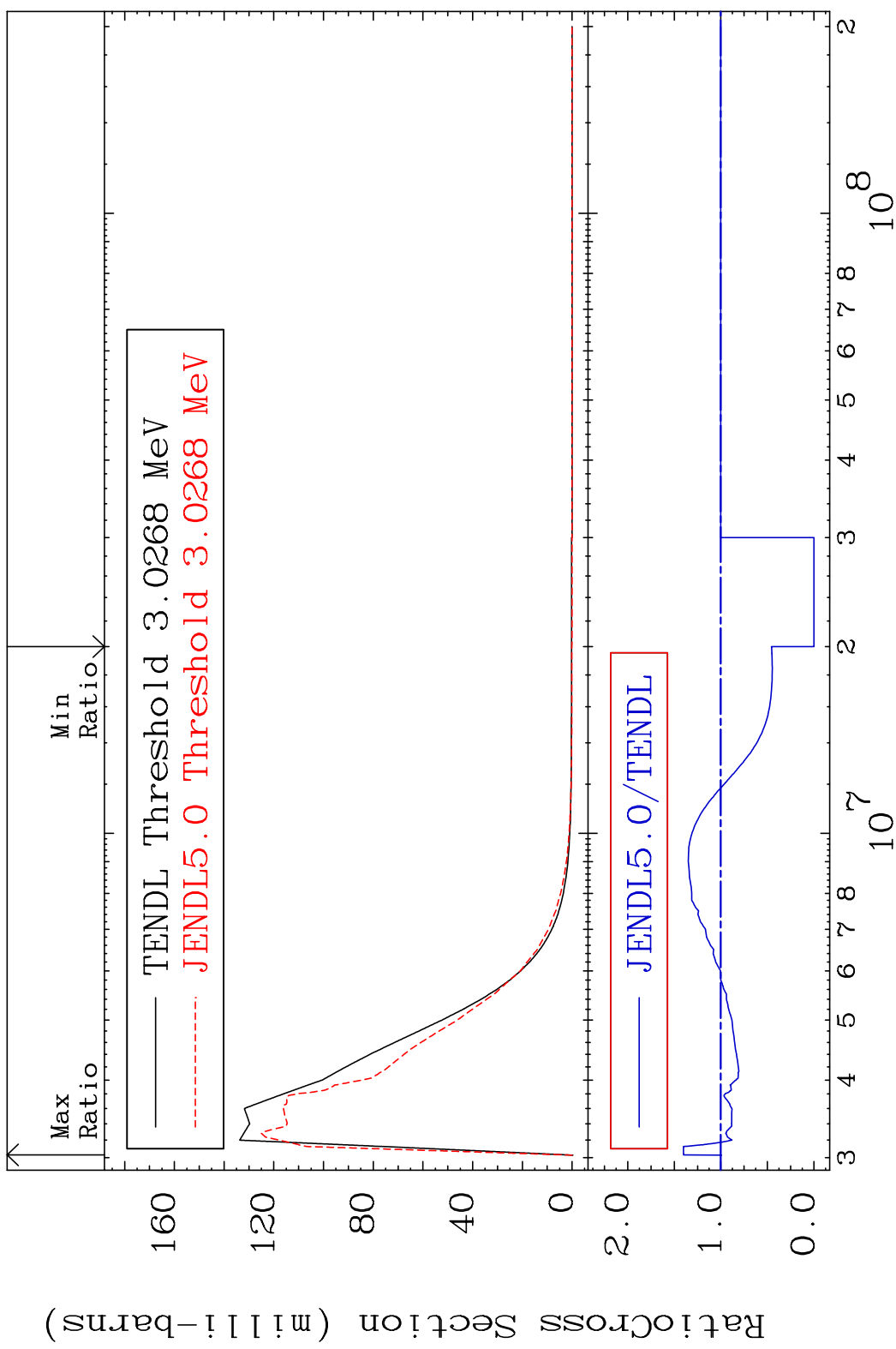


MAT 2225 MT= 53 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 9999. %



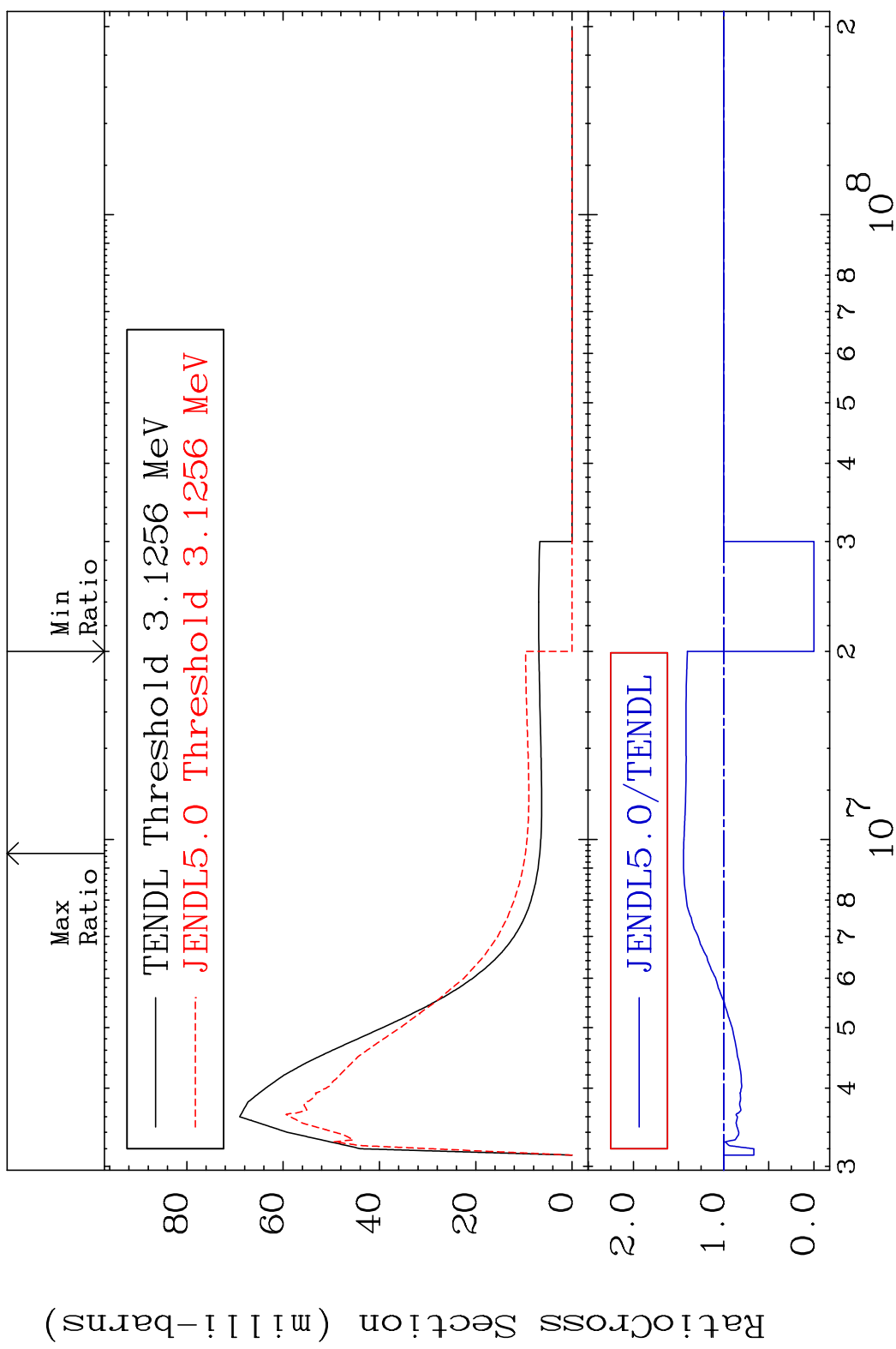
10 Incident Energy (eV) 22-Ti-46

MAT 2225 MT= 54 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 40.15 %



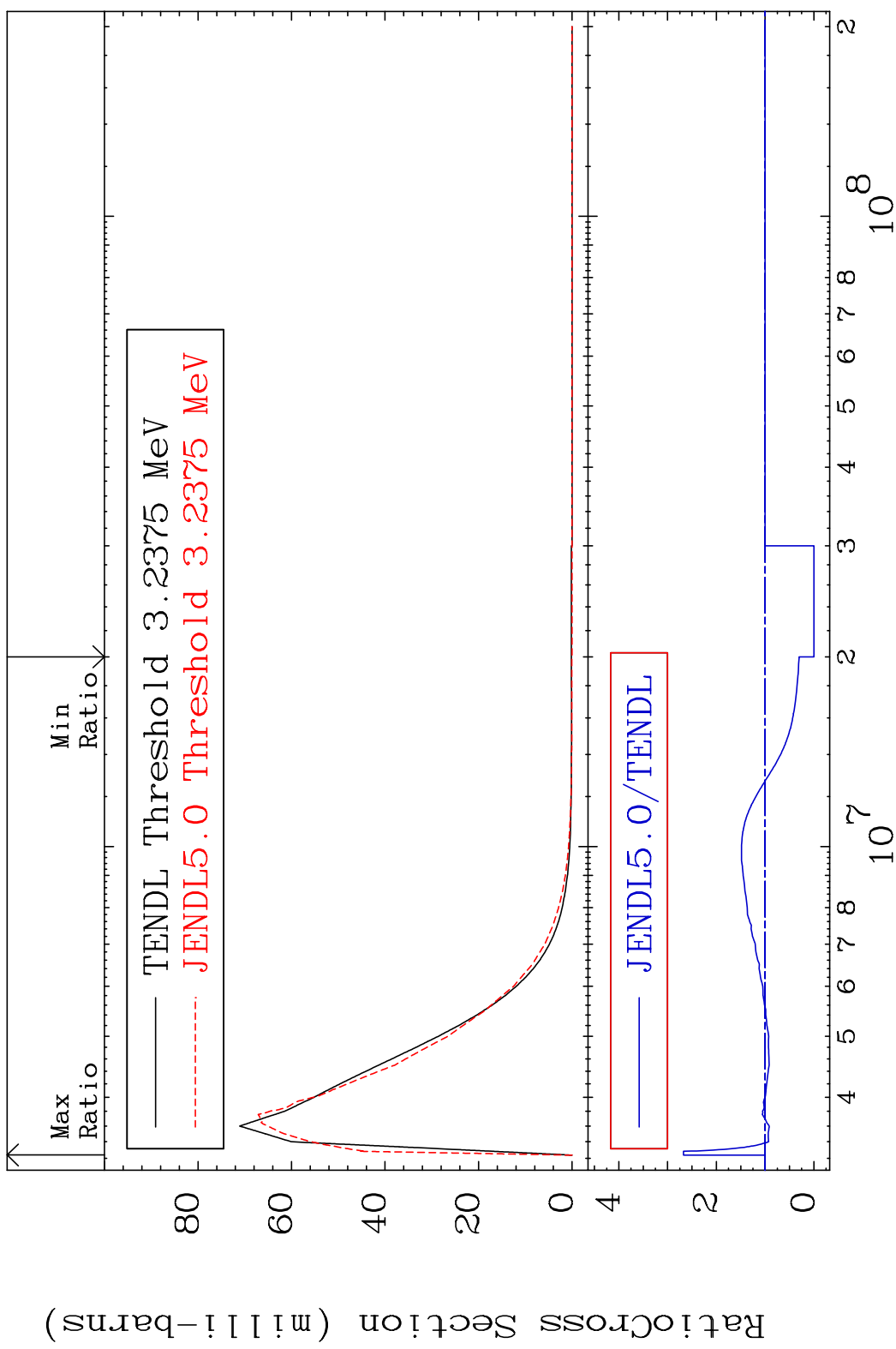
11 22-Ti-46

MAT 2225 MT= 55 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 44.53 %

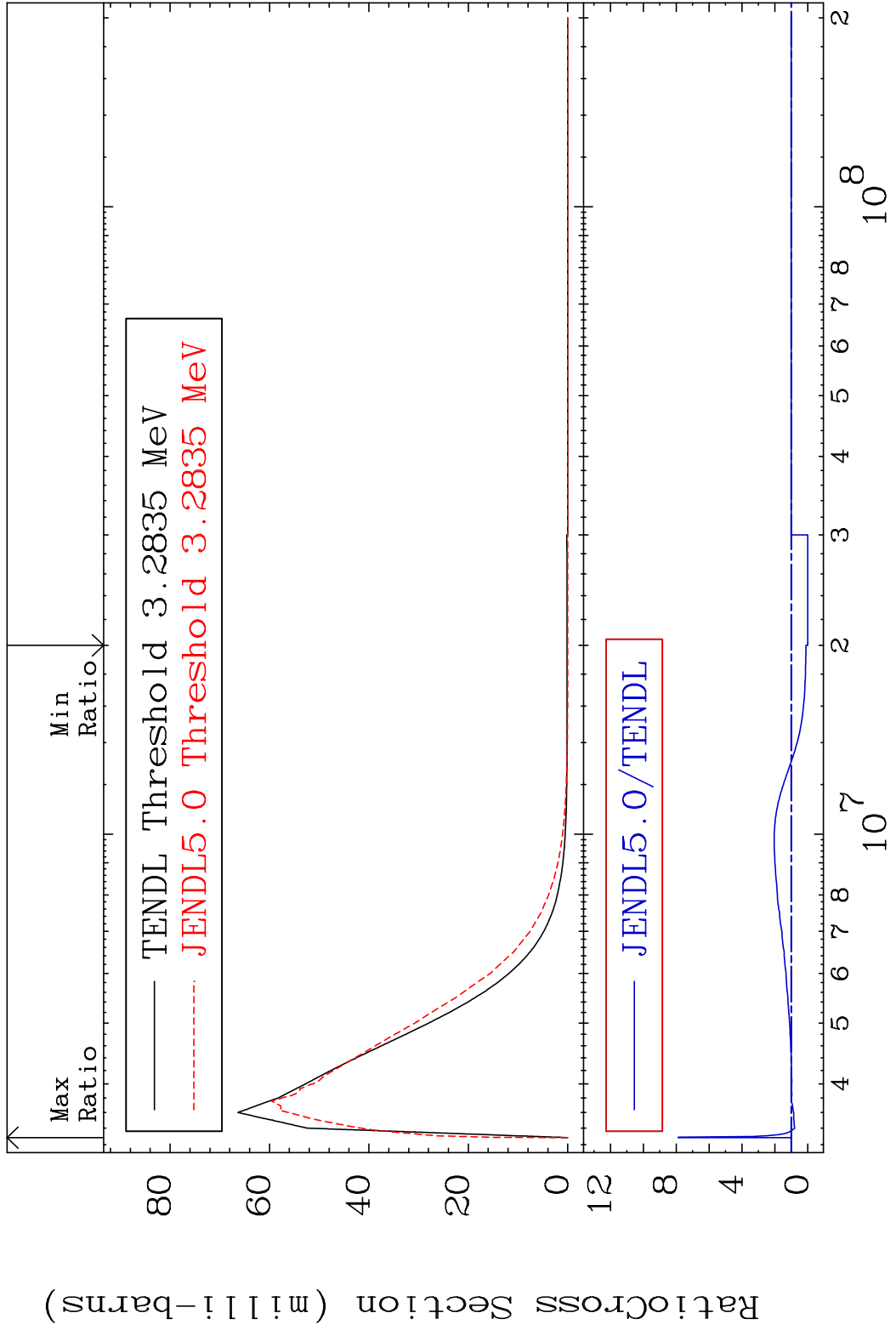


12 Incident Energy (eV) 22-Ti-46

MAT 2225 MT= 56 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 167.5 %

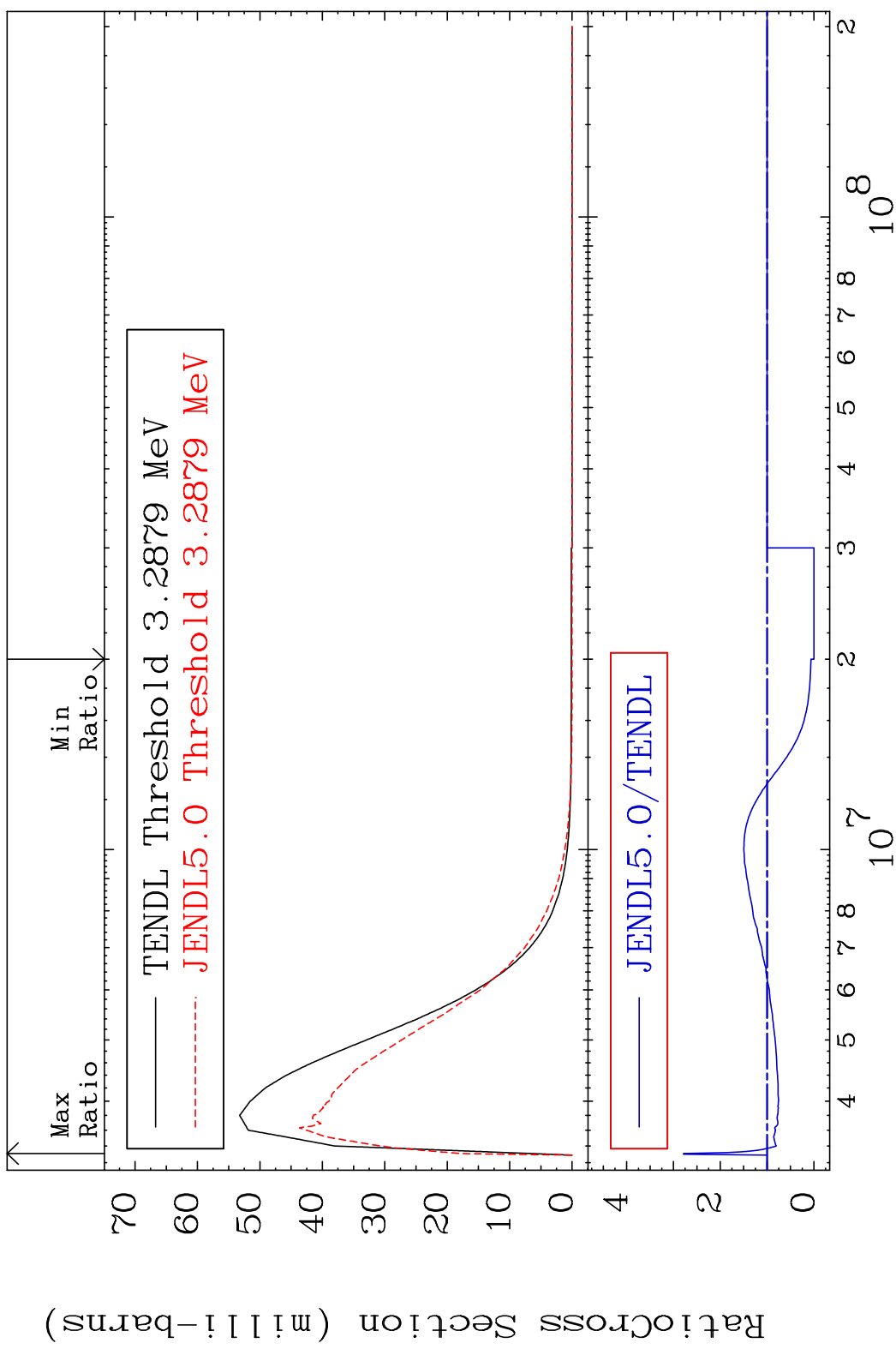


MAT 2225 MT= 57 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 687.6 %



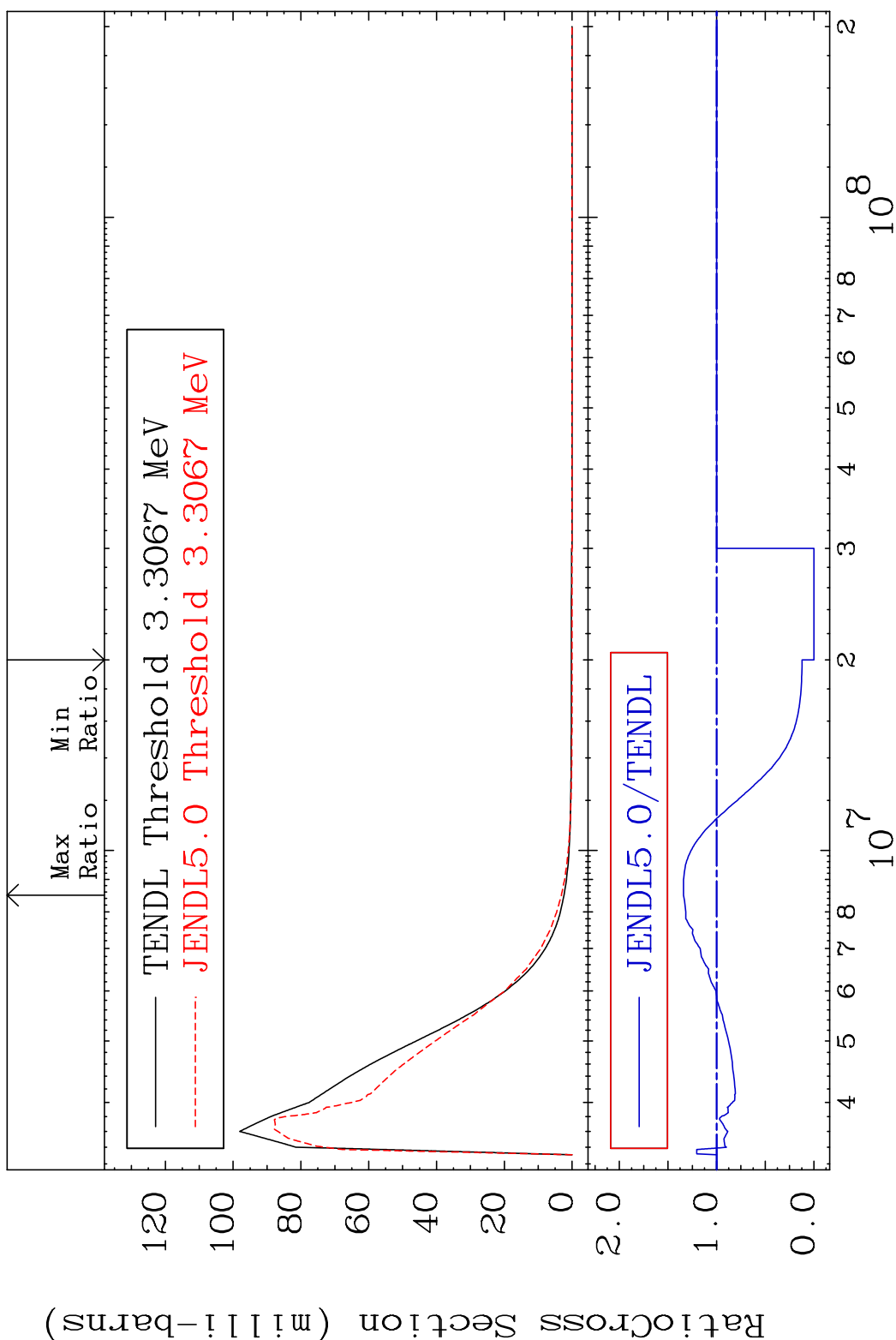
14 22-Ti-46

MAT 2225 MT= 58 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 178.7 %



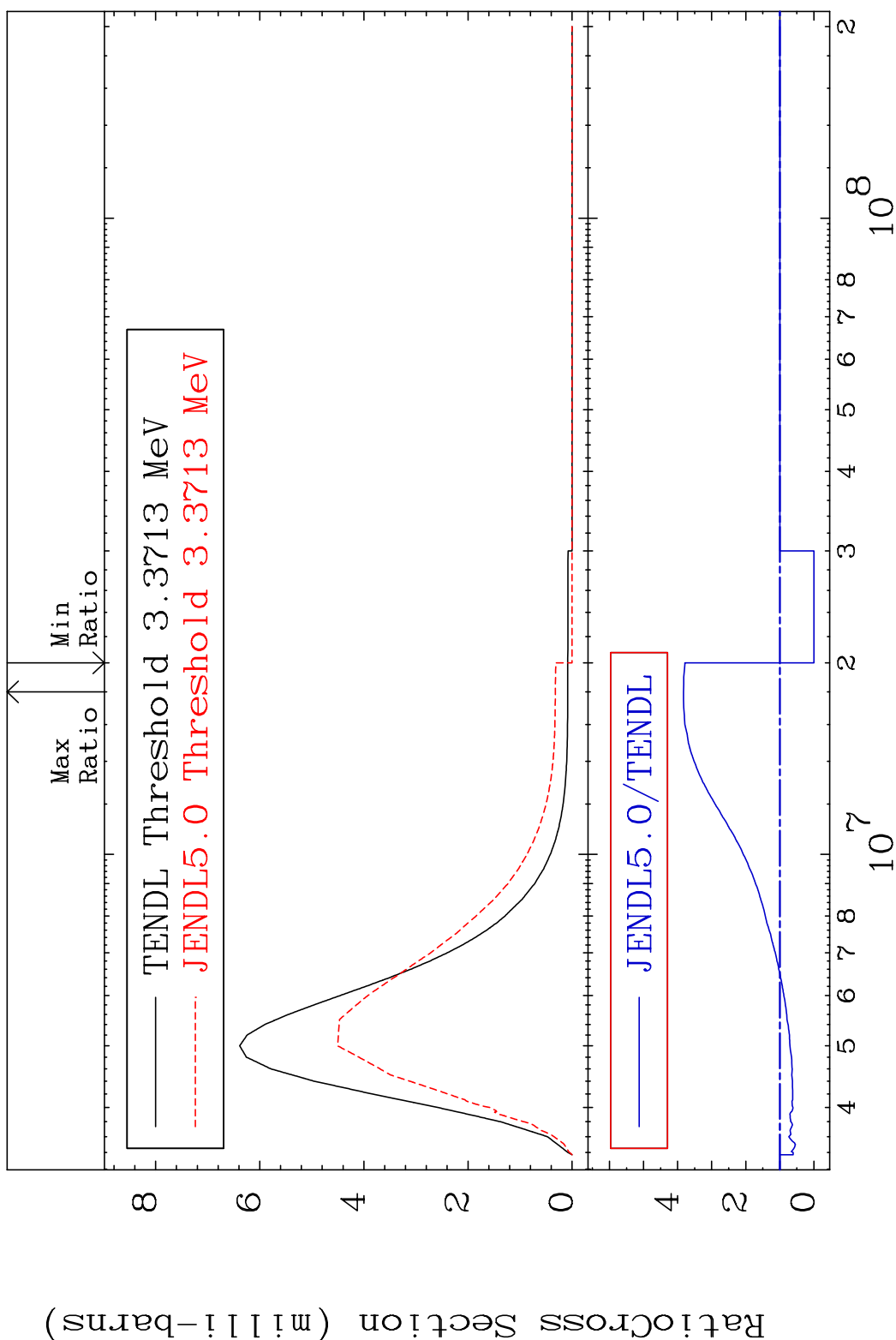
15 22-Ti-46

MAT 2225 MT= 59 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 34.11 %



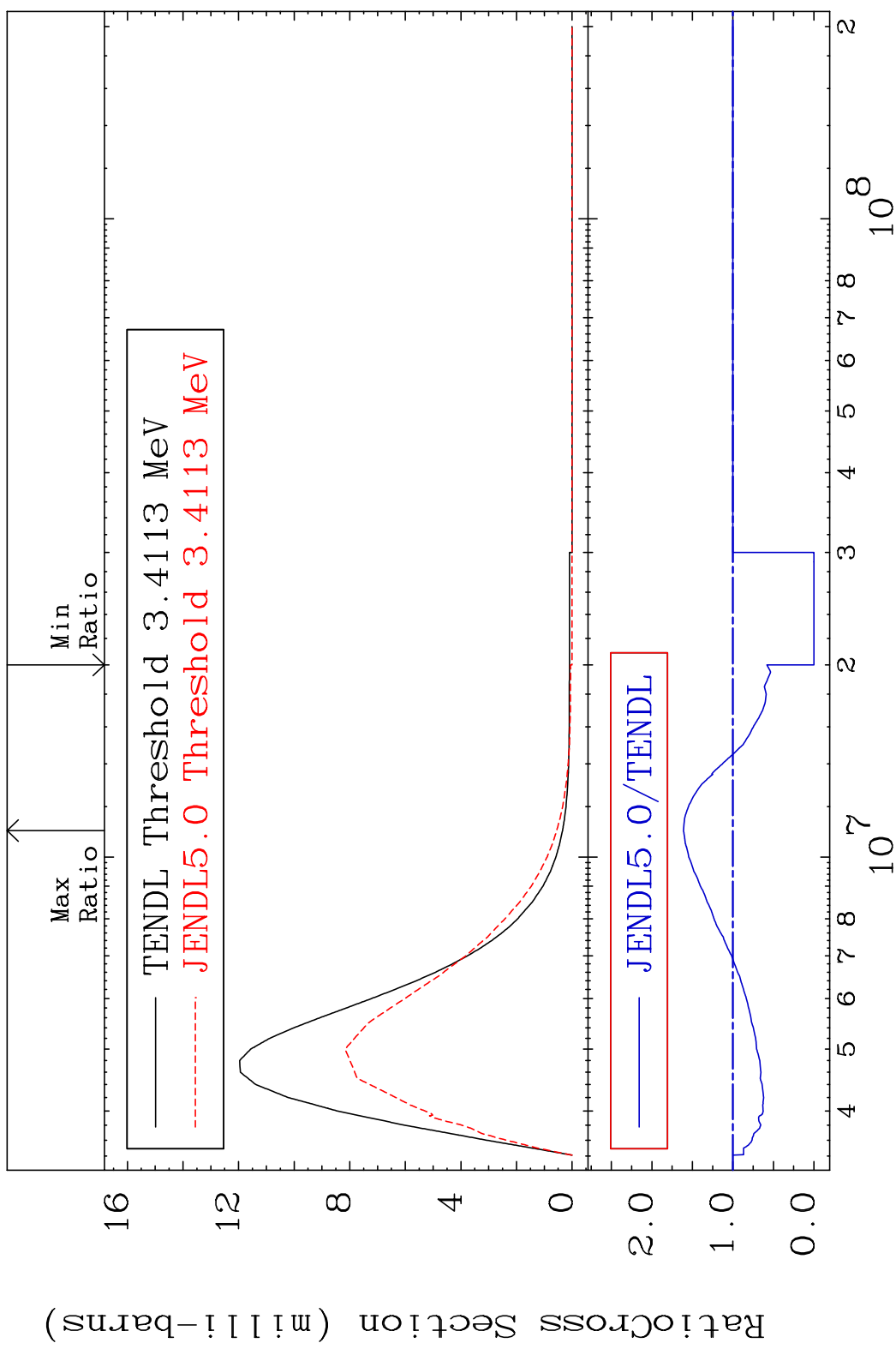
16 Incident Energy (eV) 22-Ti-46

MAT 2225 MT= 60 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 282.9 %



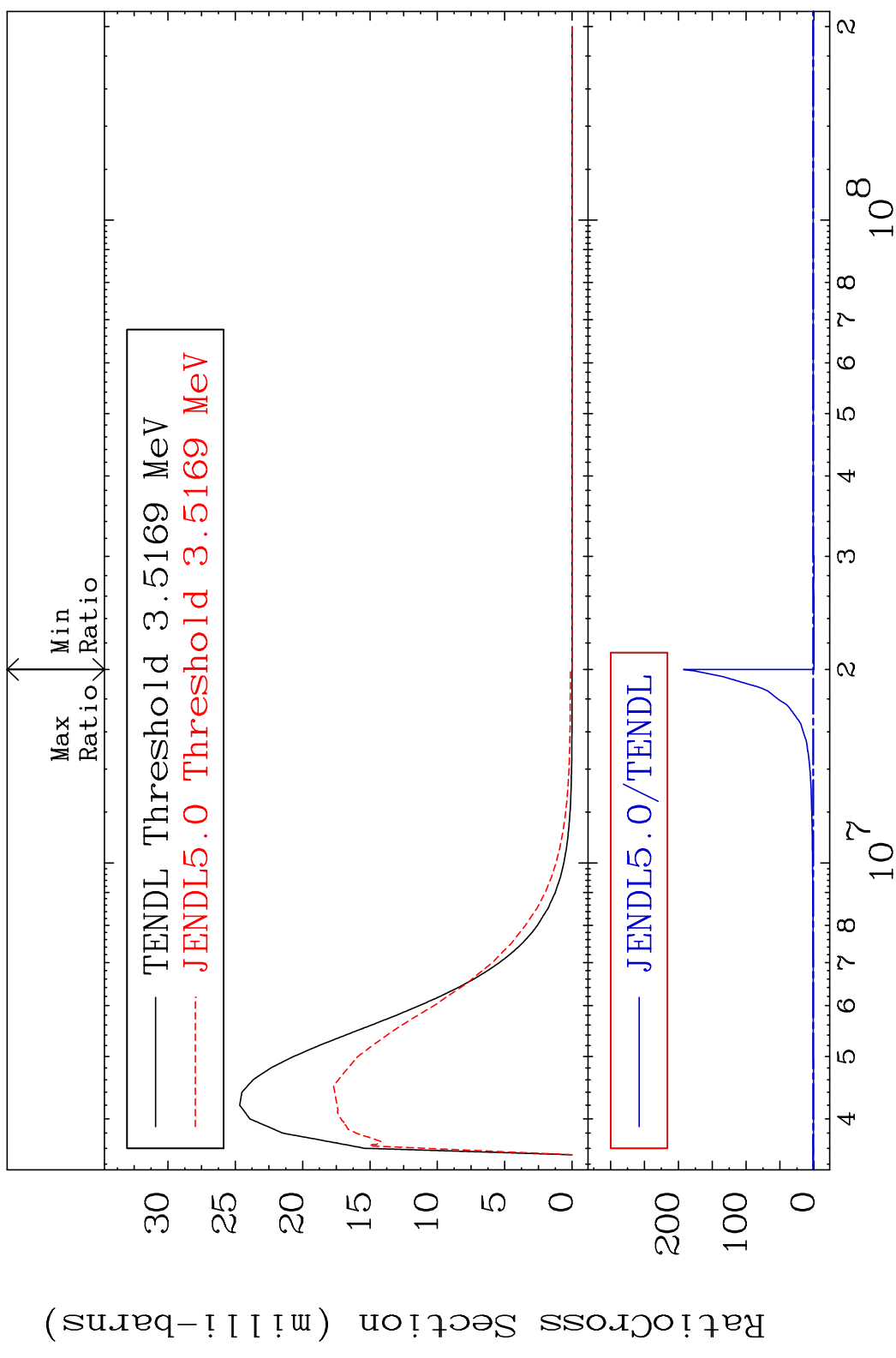
17 17 Incident Energy (eV) 22-Ti-46

MAT 2225 MT= 61 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 61.05 %



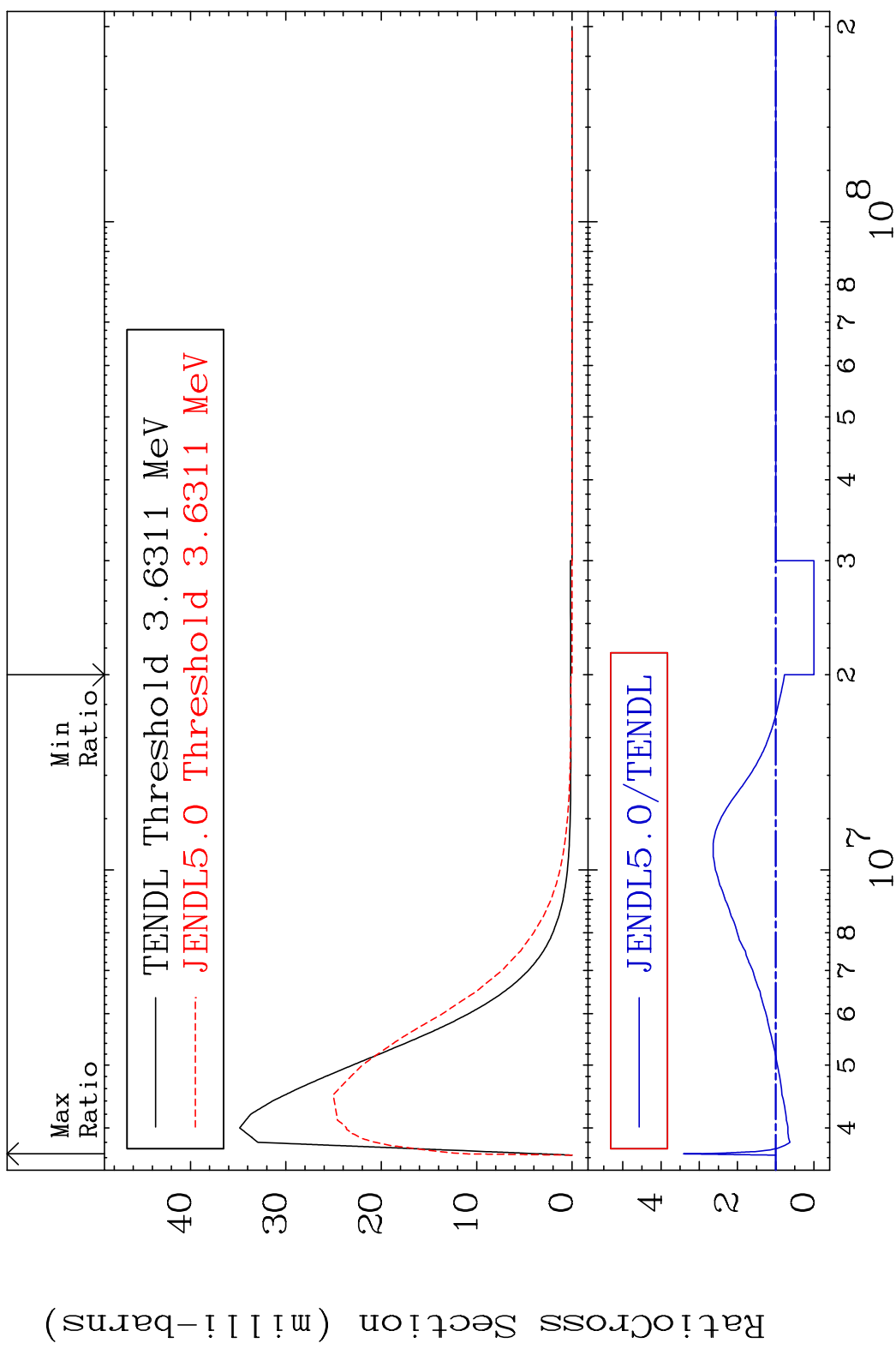
18 Incident Energy (eV) 22-Ti-46

MAT 2225 MT= 62 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 9999. %



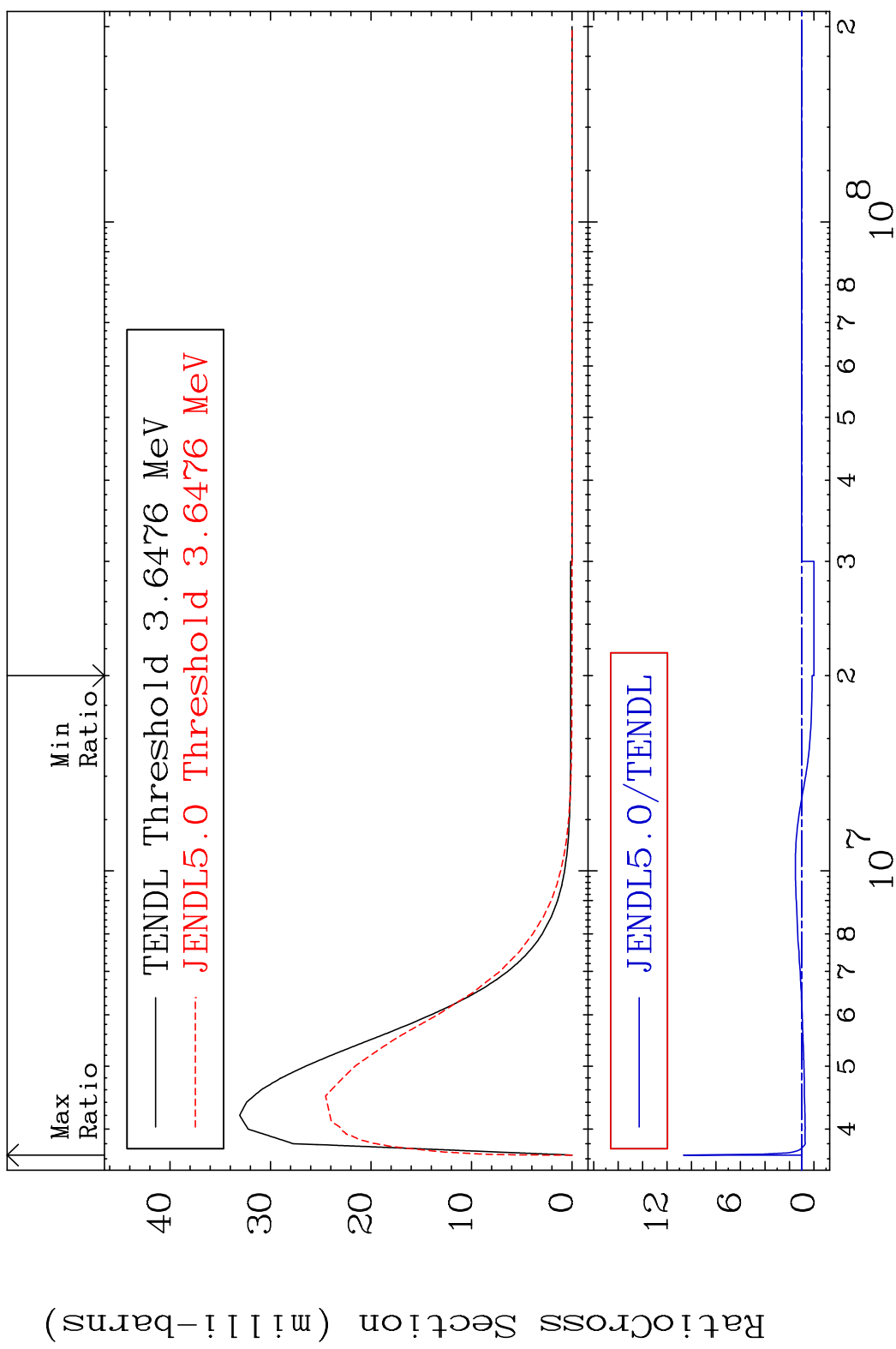
19 Incident Energy (eV) 22-Ti-46

MAT 2225 MT= 63 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 241.3 %



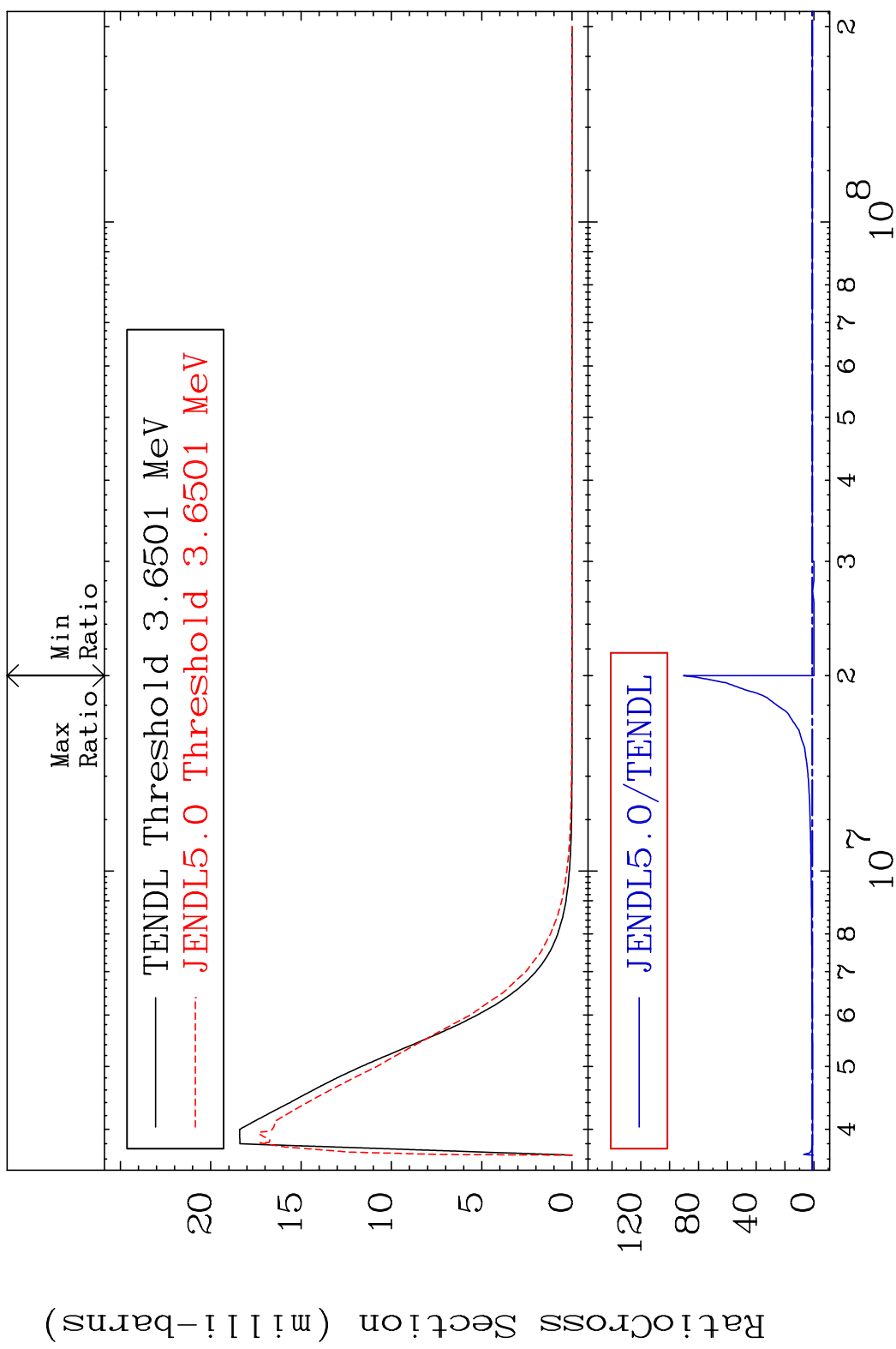
20 22-Ti-46

MAT 2225 MT= 64 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 965.8 %



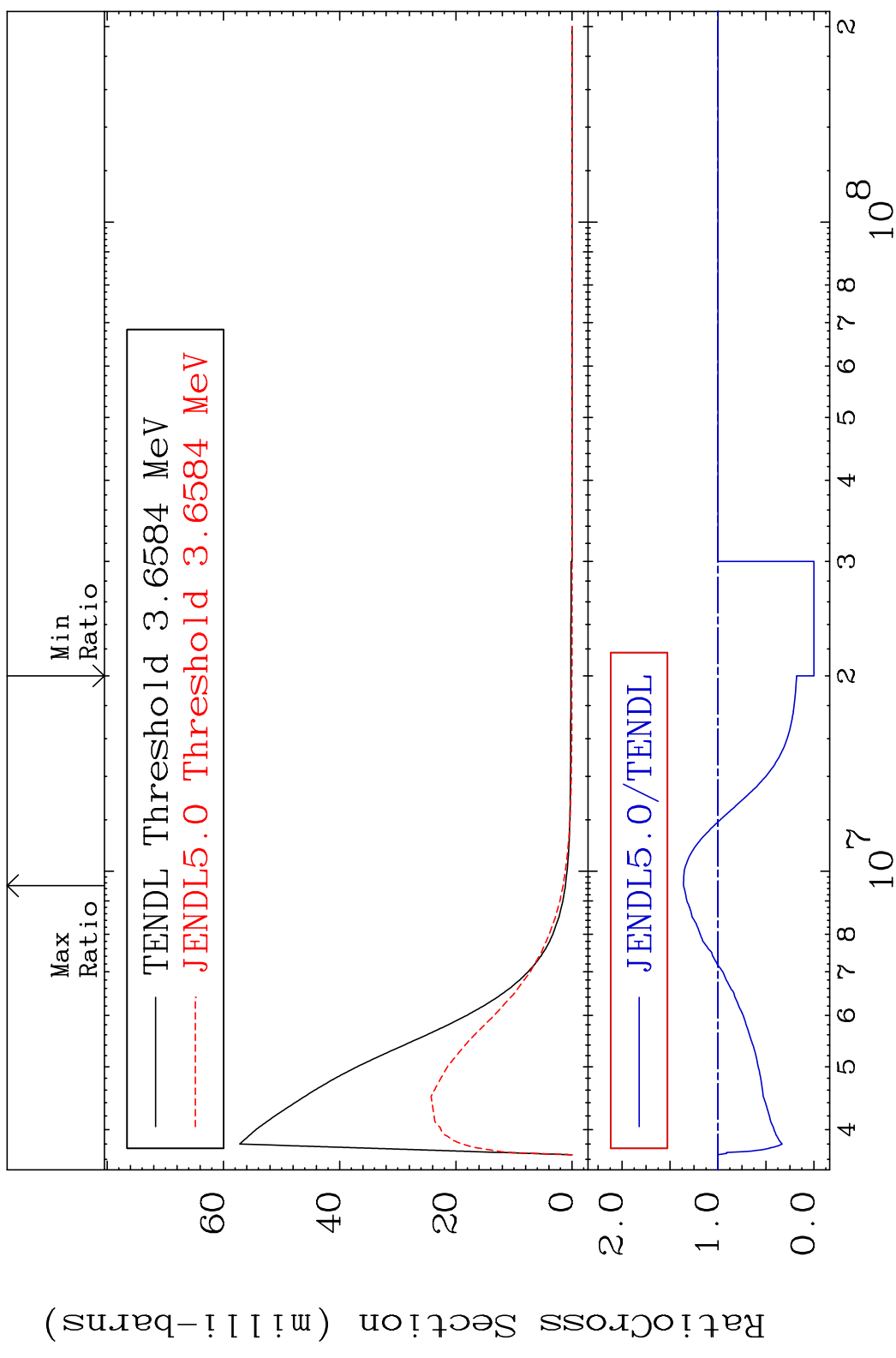
21 22-Ti-46

MAT 2225 MT= 65 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 8940. %

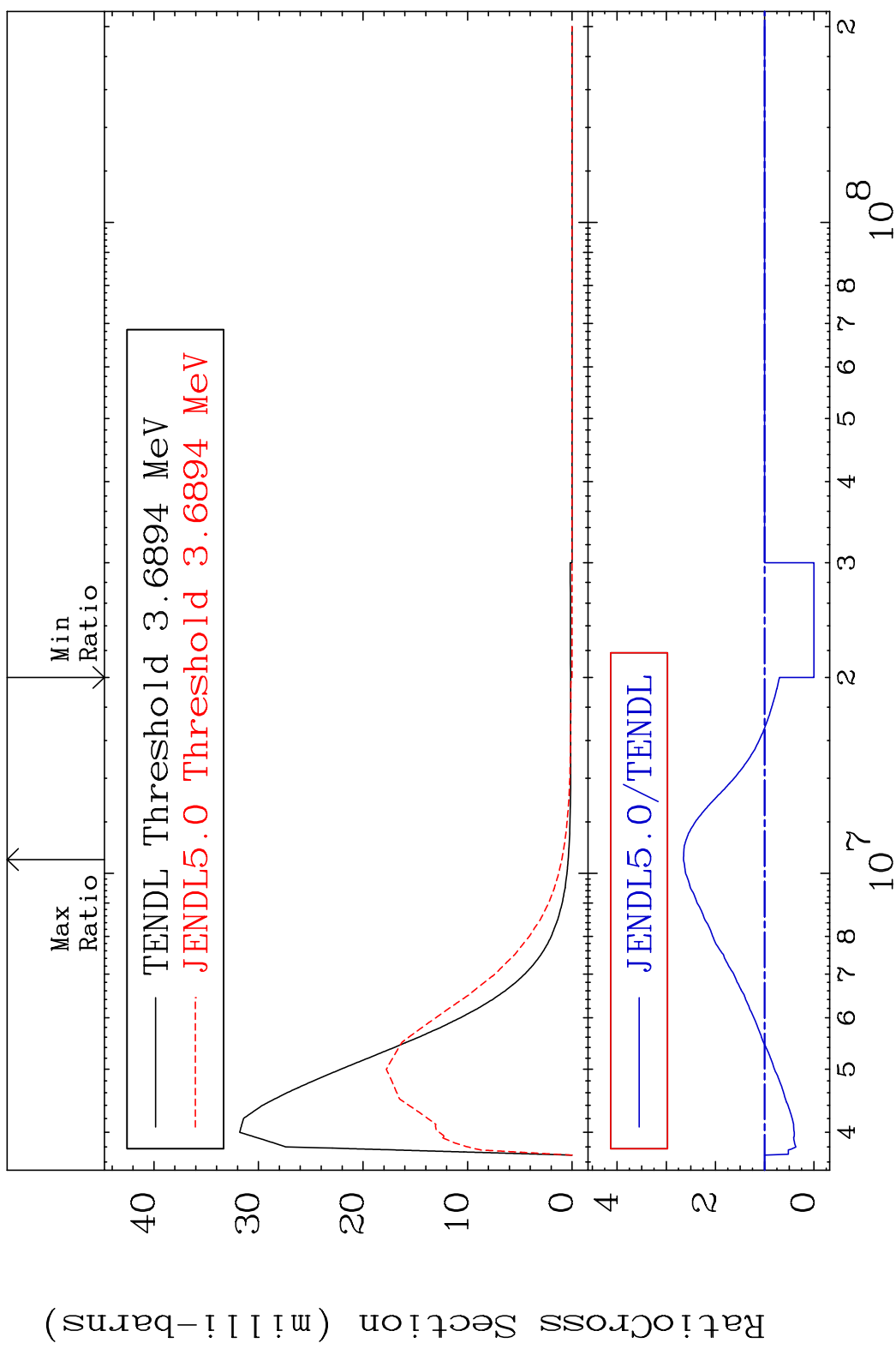


22 22-Ti-46

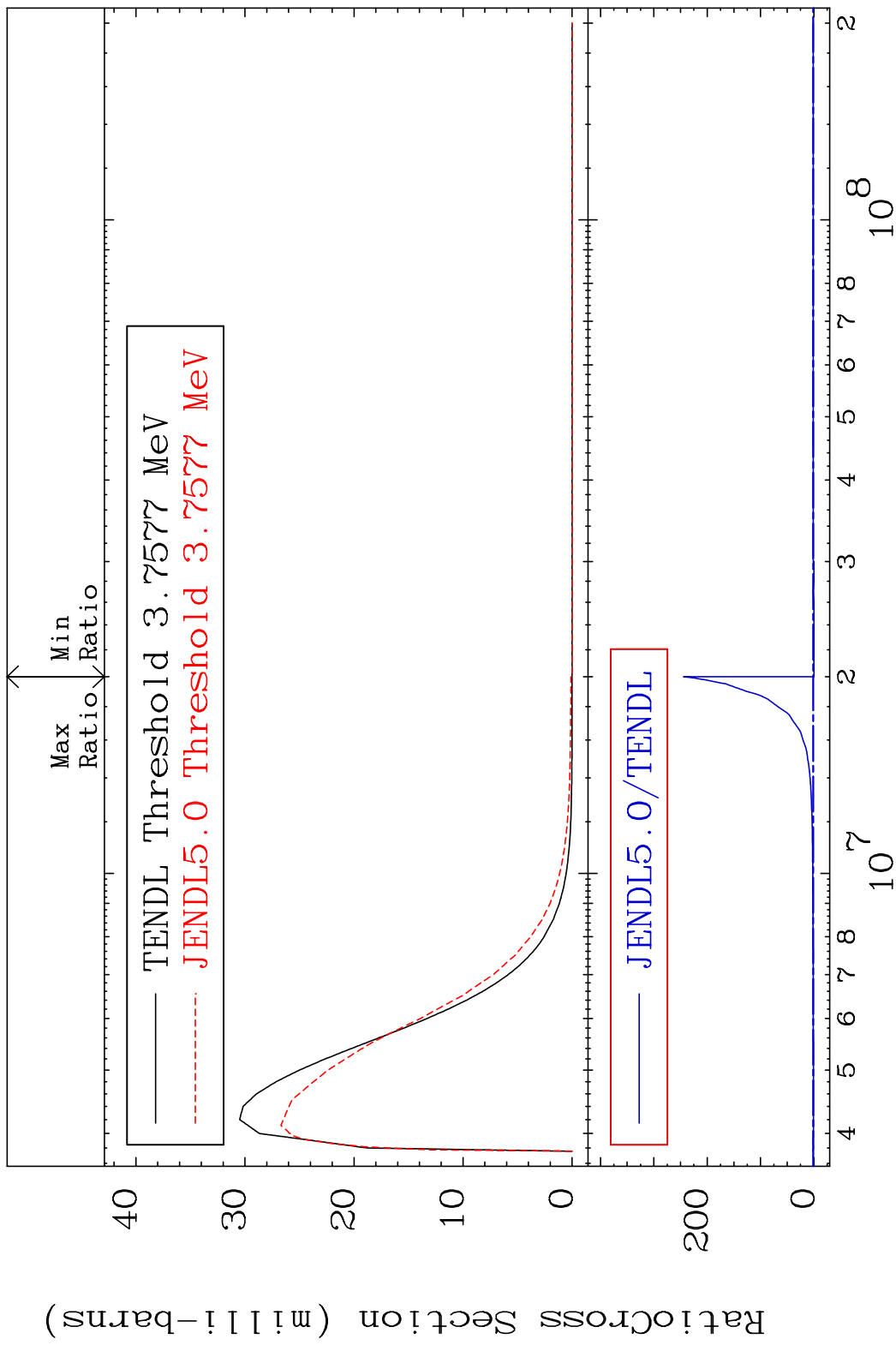
MAT 2225 MT= 66 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 36.01 %



MAT 2225 MT= 67 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 165.0 %

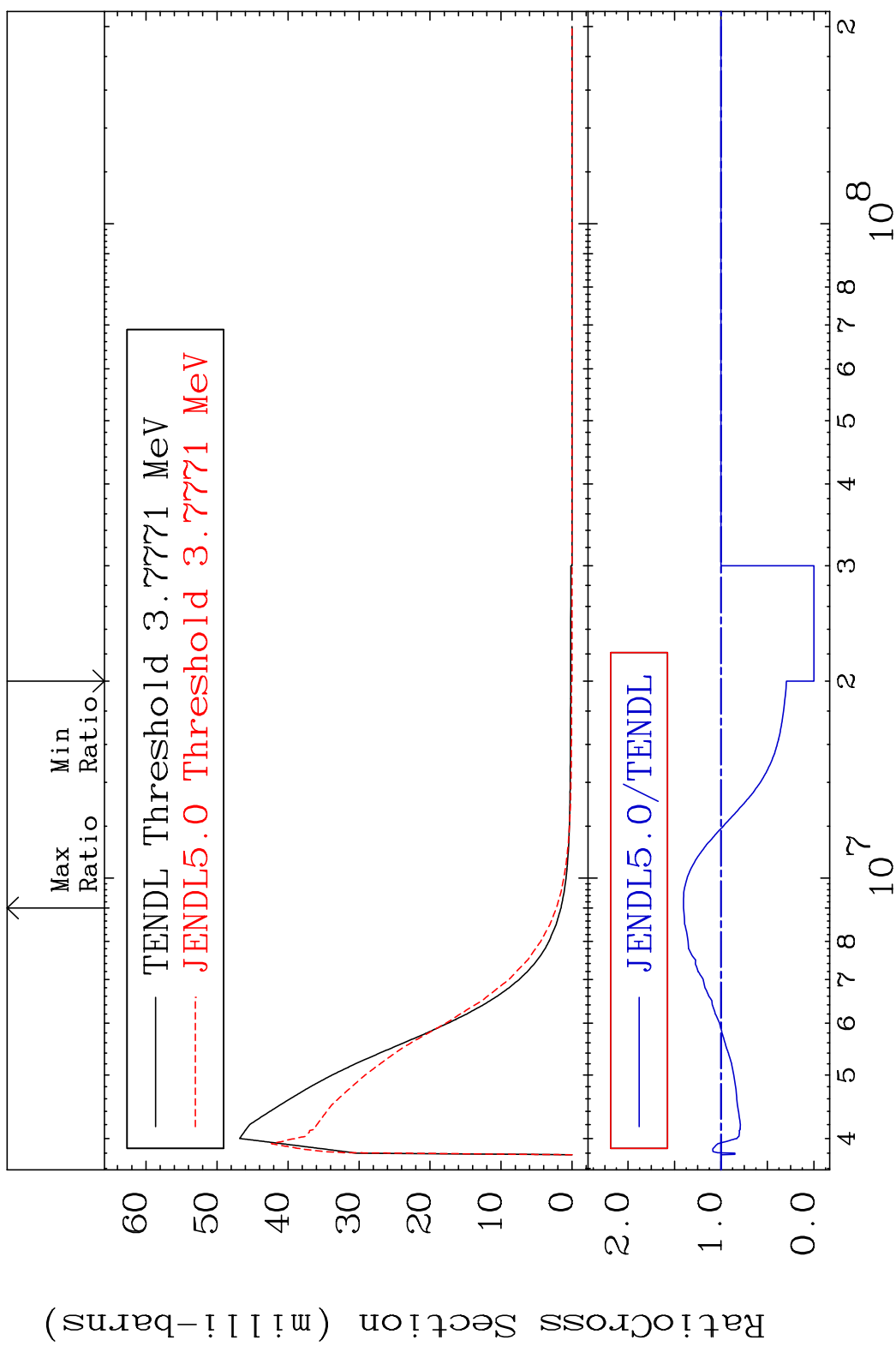


MAT 2225 MT= 68 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 9999. %

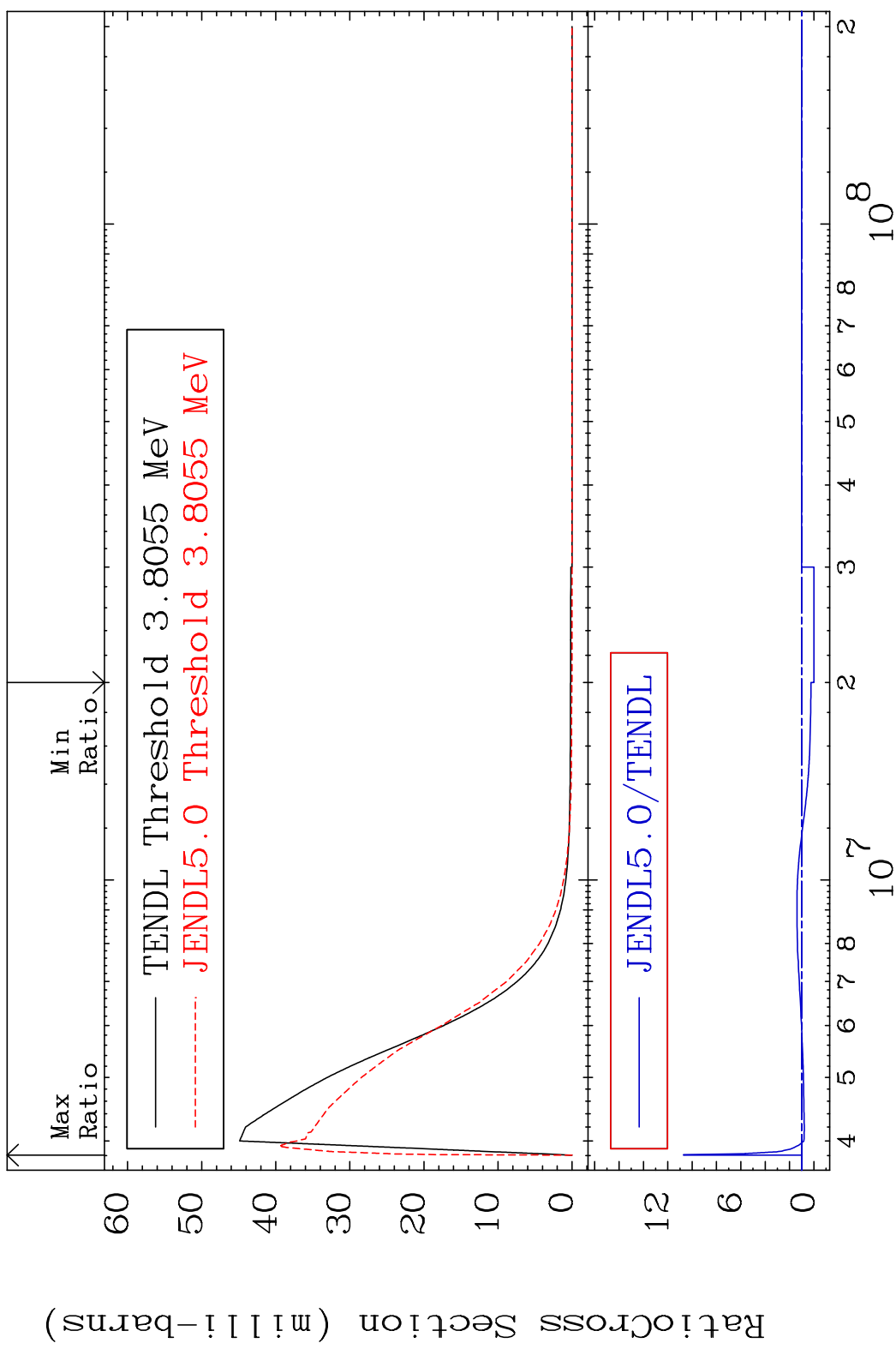


25 22-Ti-46

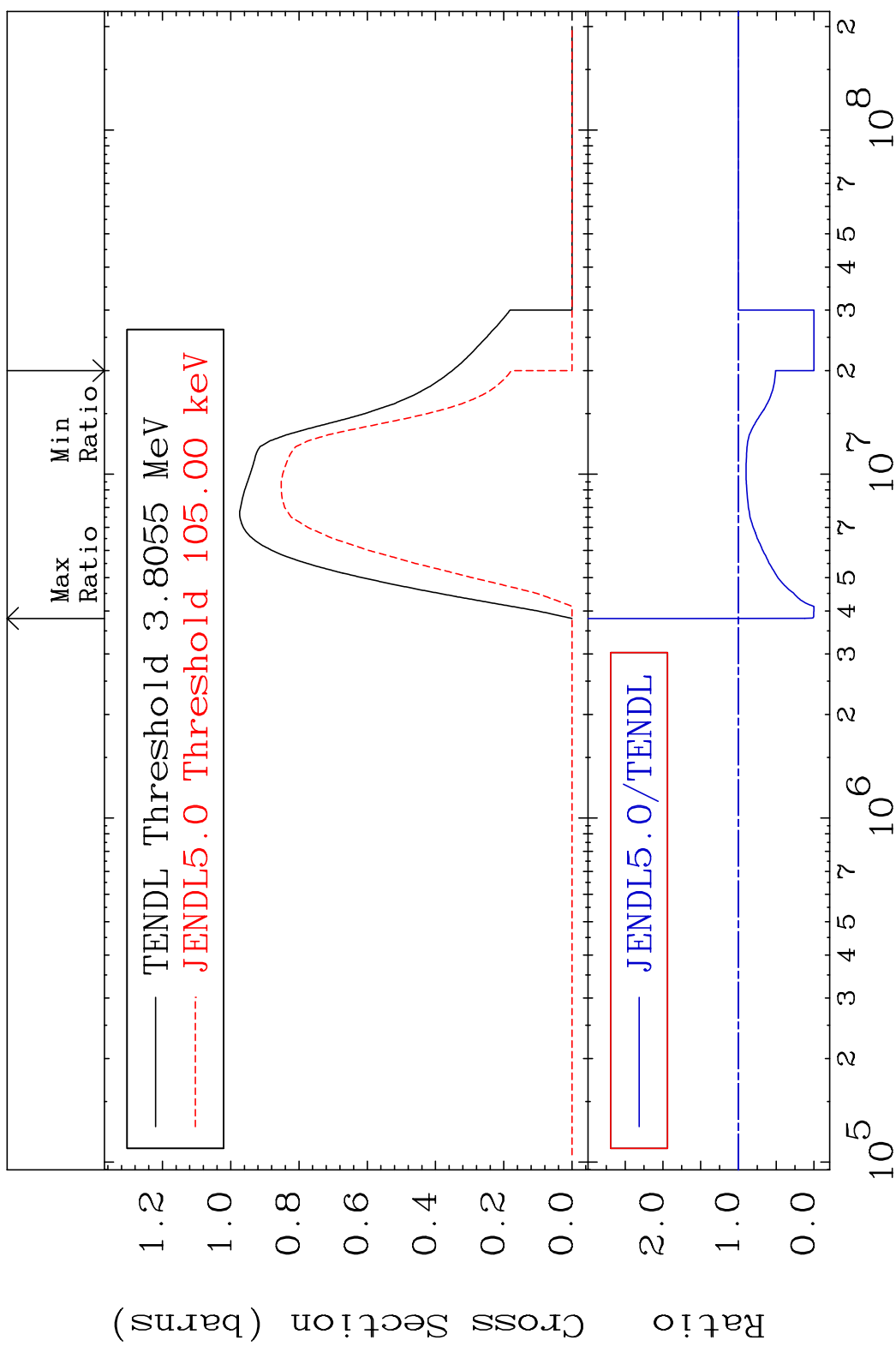
MAT 2225 MT= 69 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 40.37 %

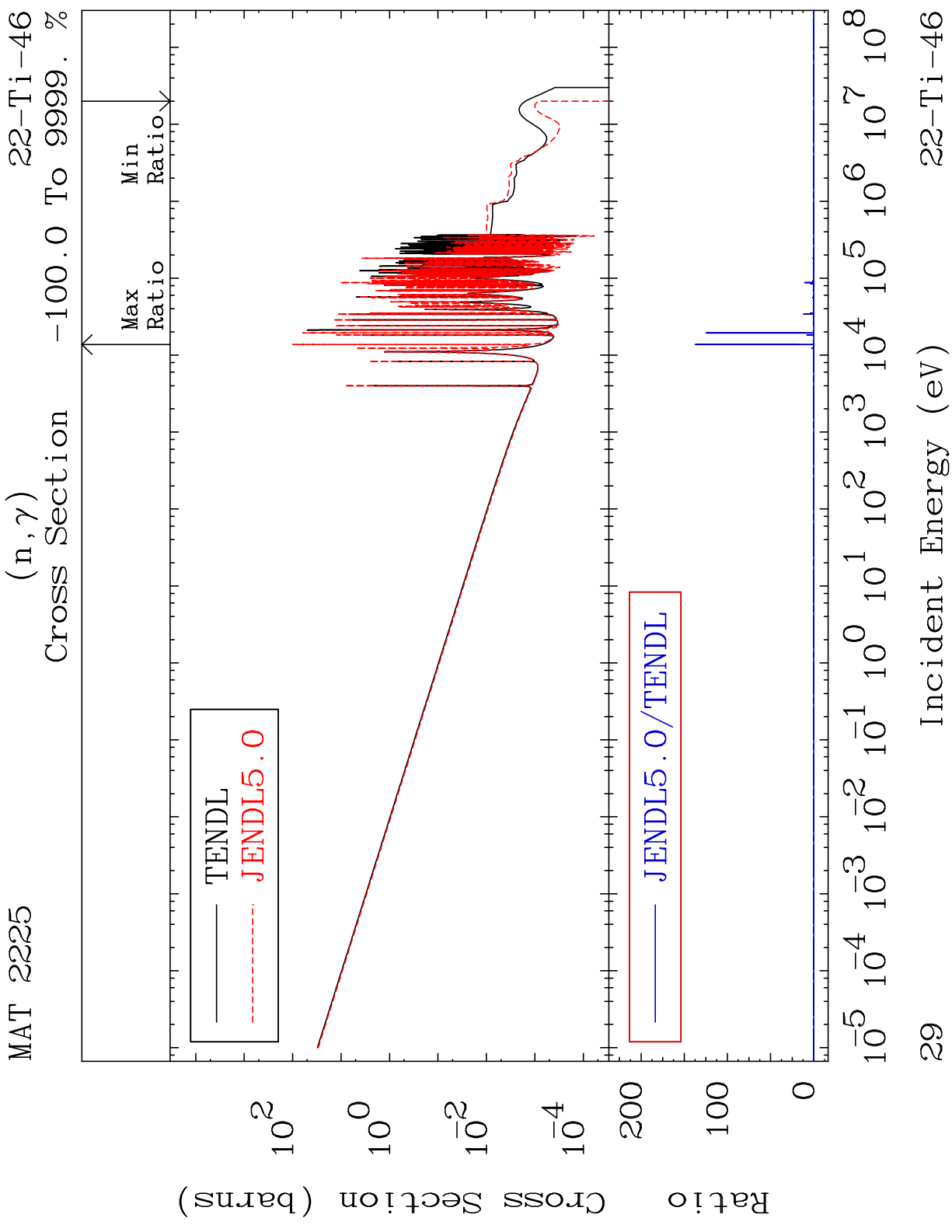


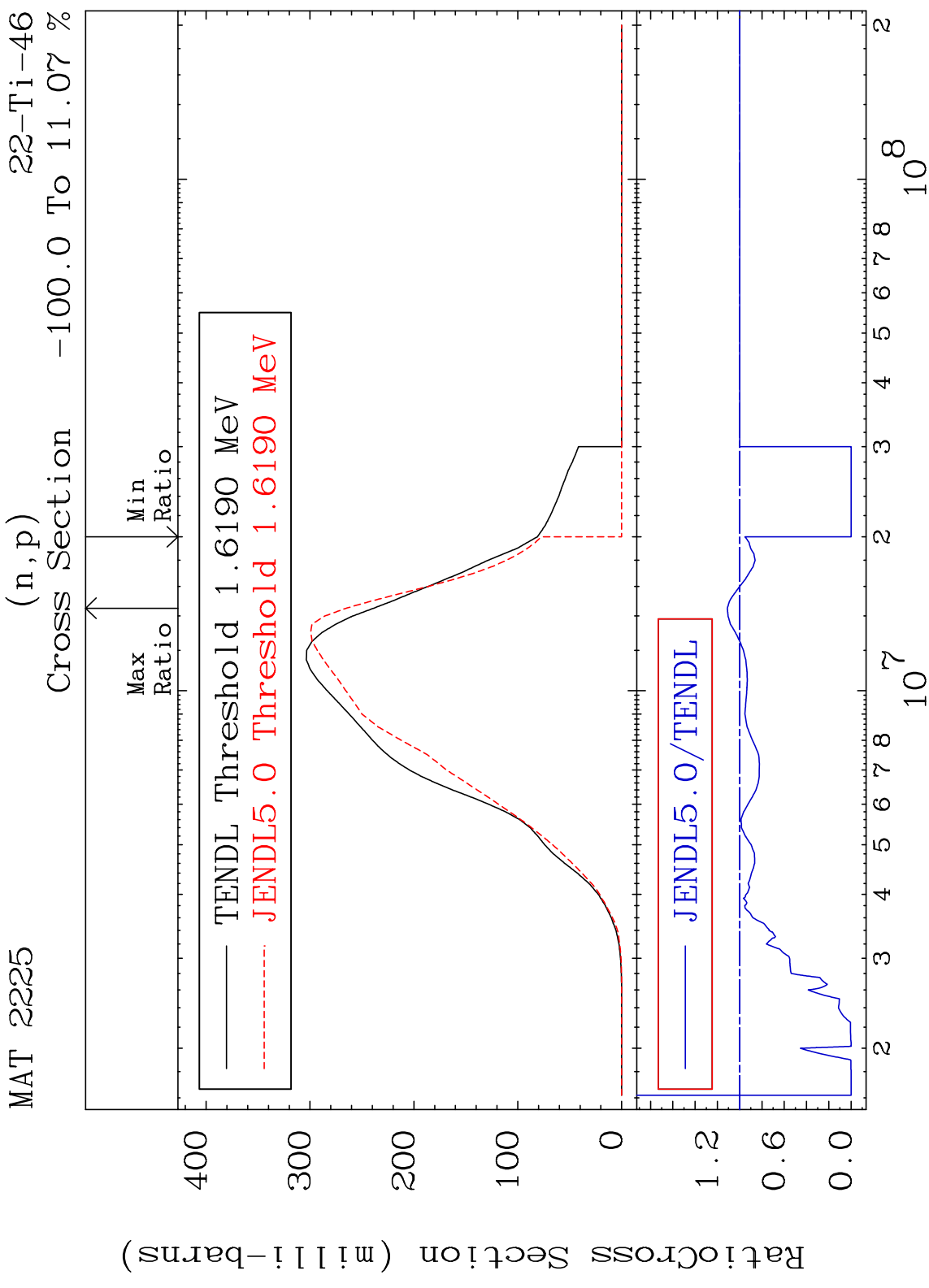
MAT 2225 MT= 70 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 971.3 %



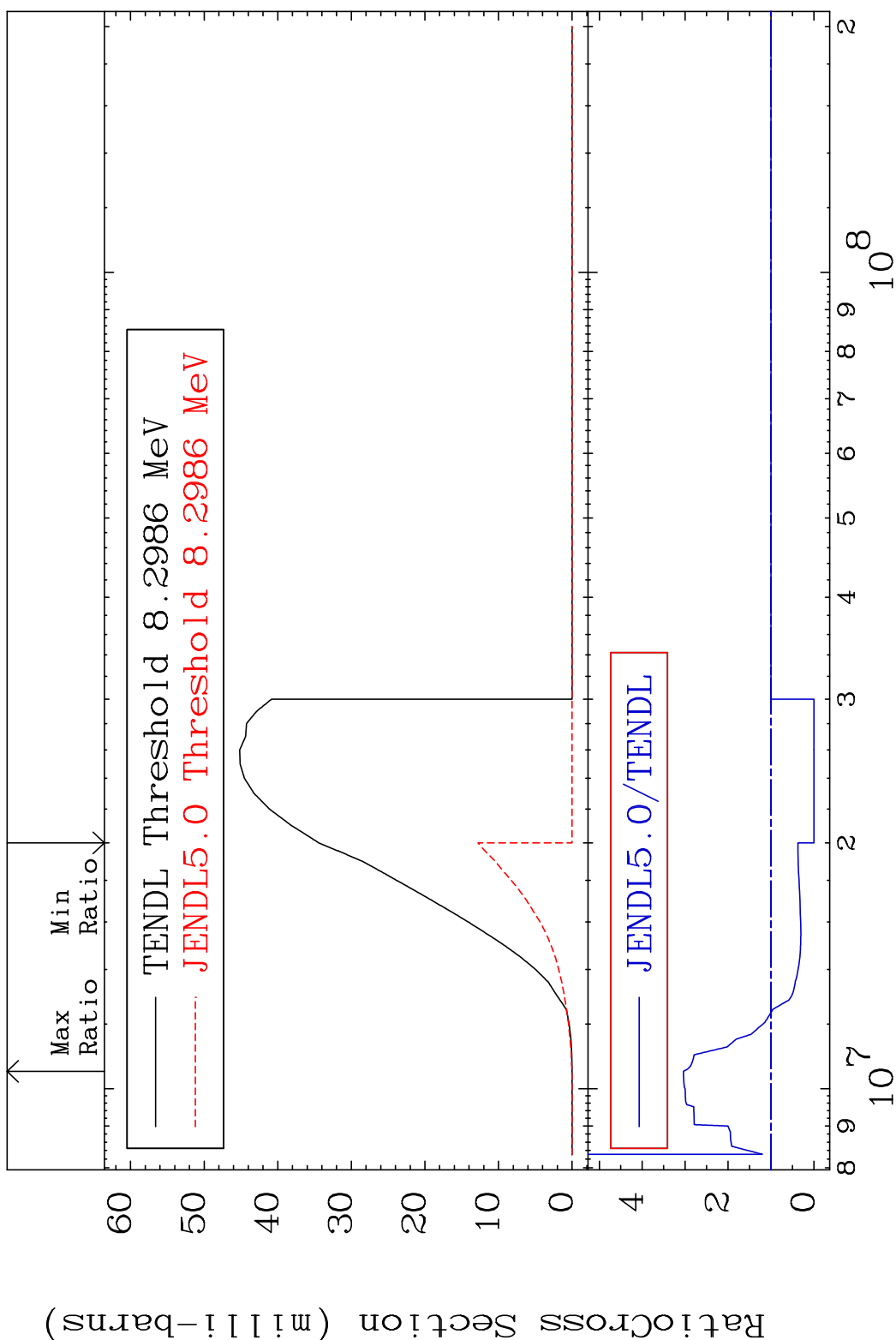
MAT 2225 (n,n') Continuum 22-Ti-46  
 Cross Section -100.0 To 72.76 %





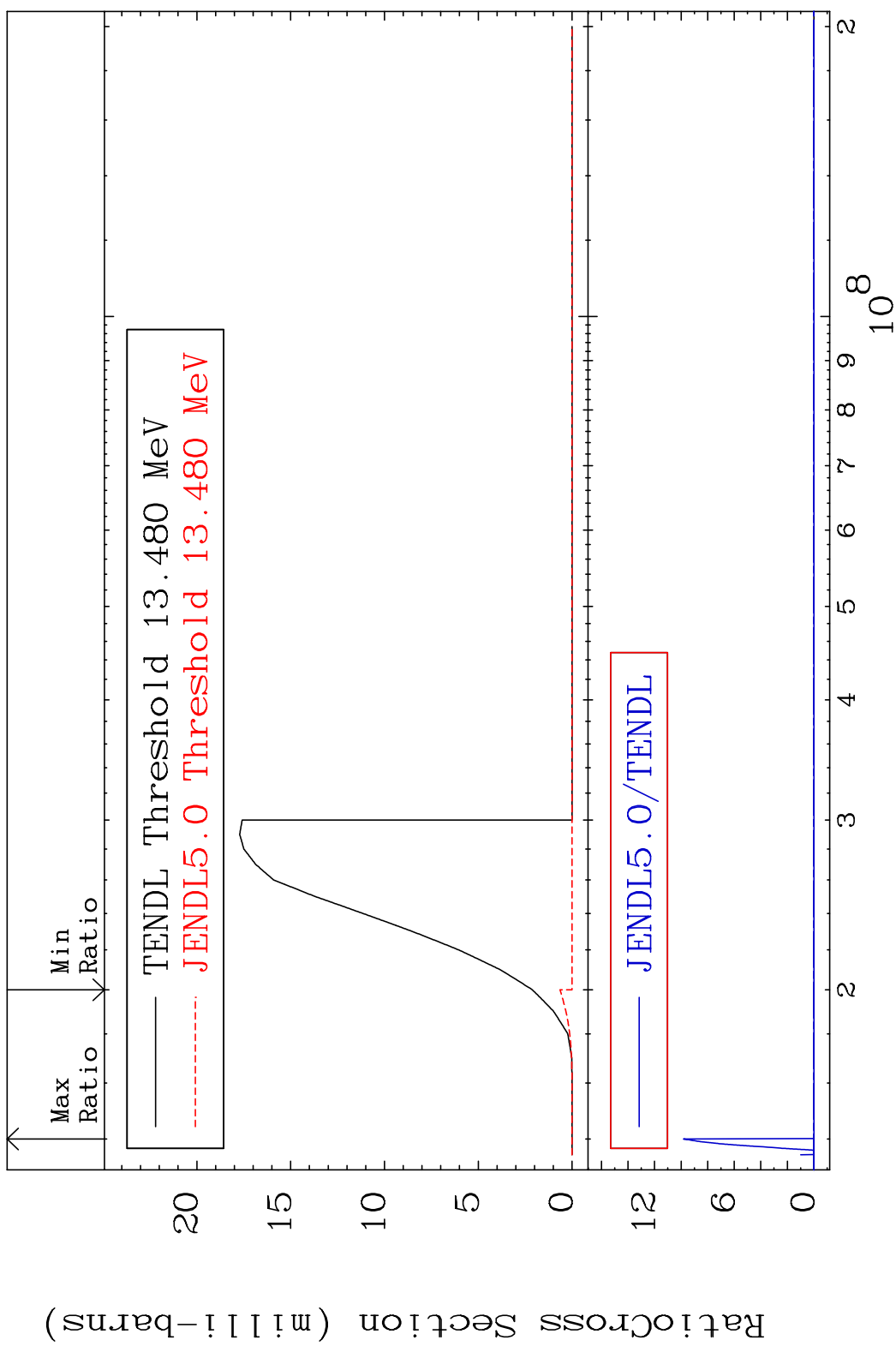


MAT 2225 (n, d) 22-Ti-46  
 Cross Section -100.0 To 203.9 %



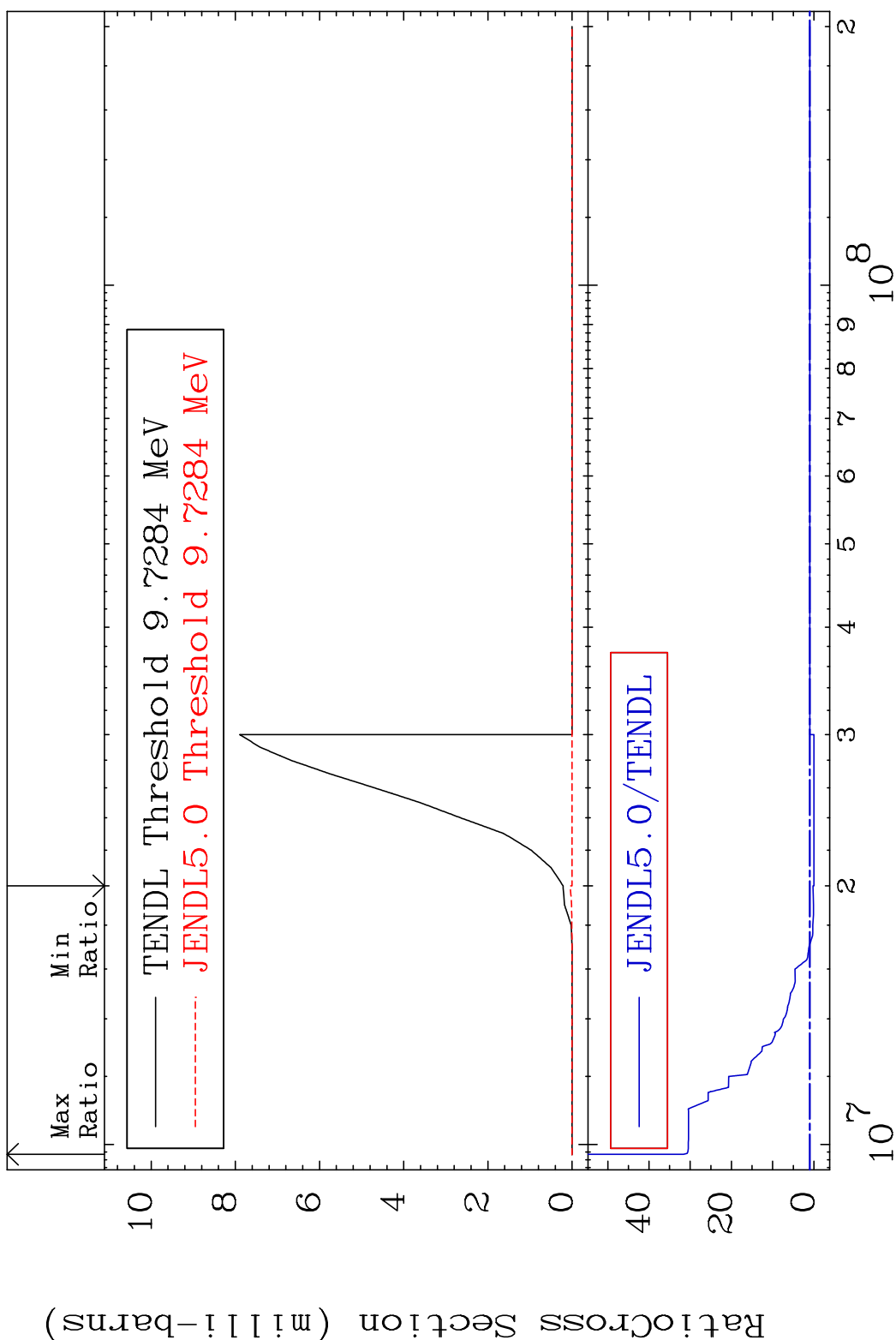
31 22-Ti-46

MAT 2225 (n, t) 22-Ti-46  
 Cross Section -100.0 To 9999. %

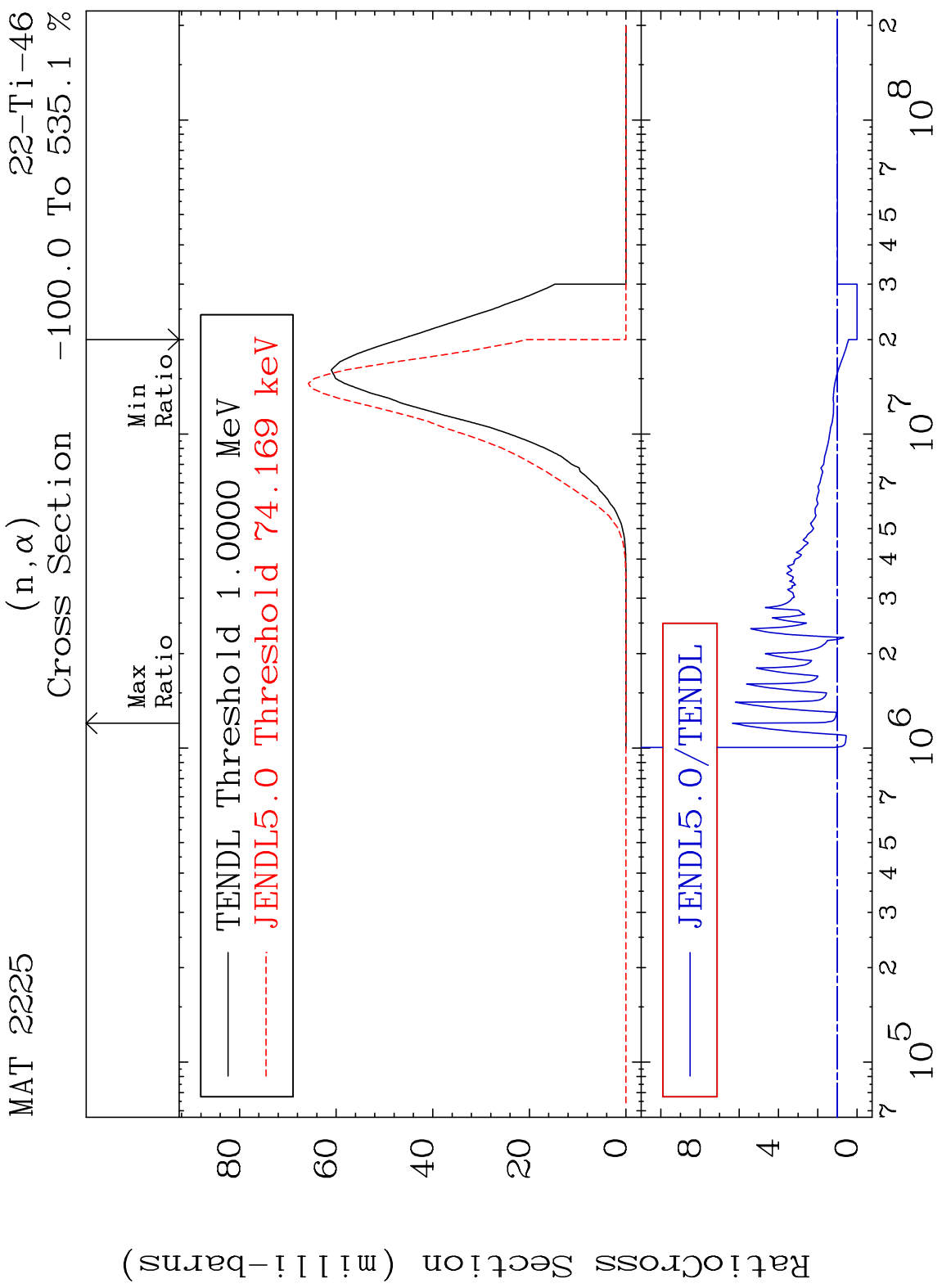


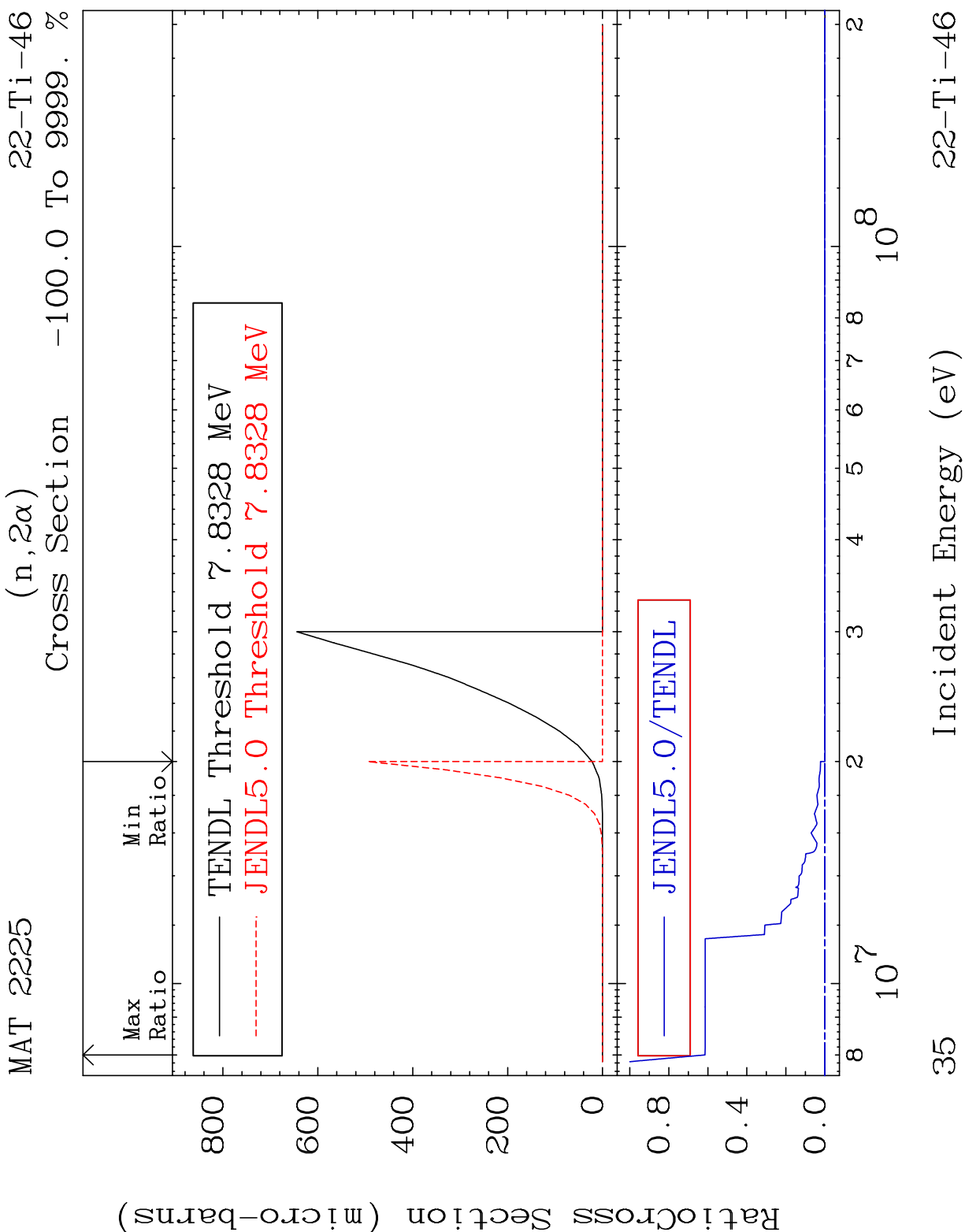
32 Incident Energy (eV) 22-Ti-46

MAT 2225 (n, He-3) 22-Ti-46  
 Cross Section -100.0 To 3064. %

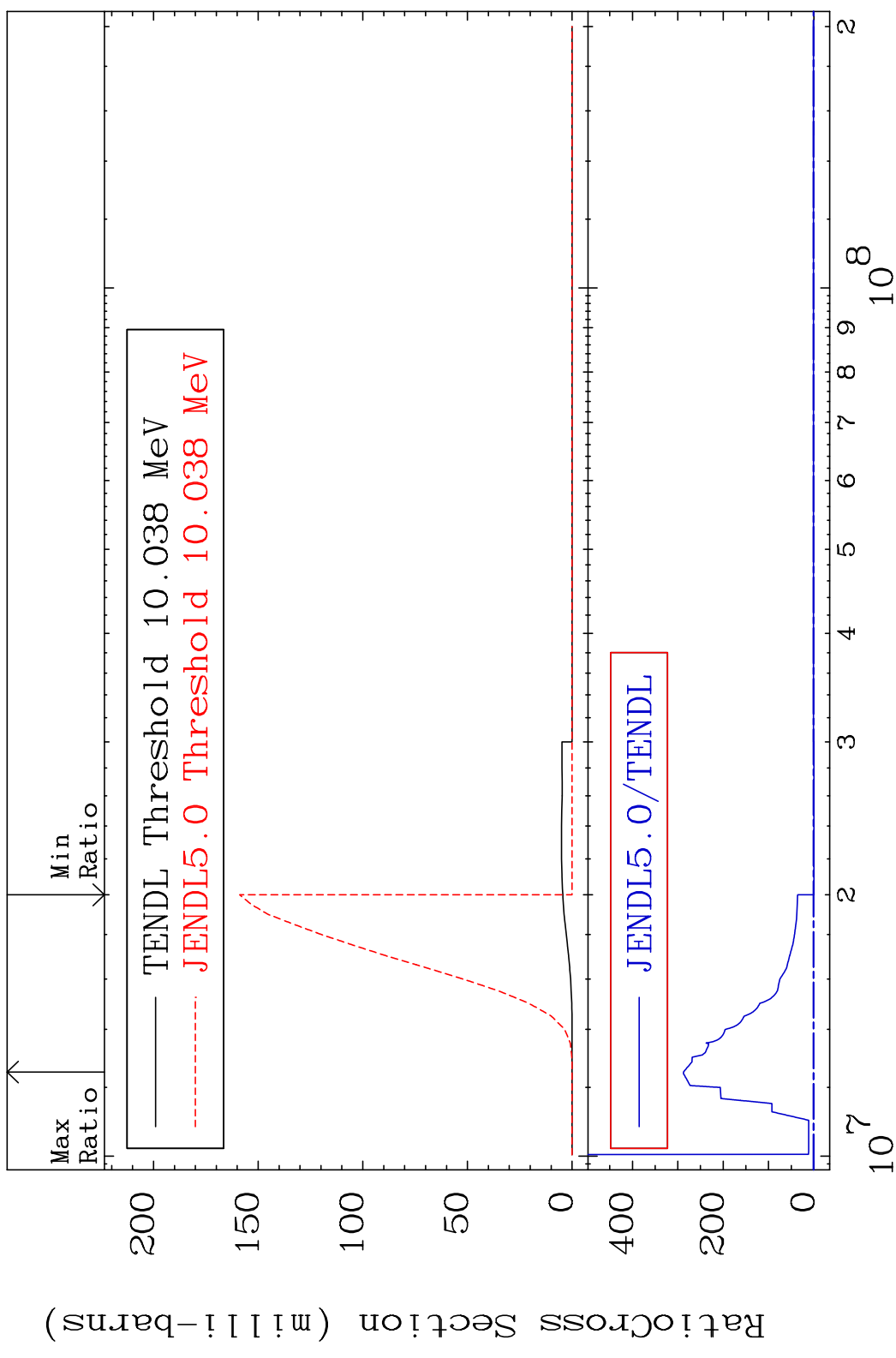


33 Incident Energy (eV) 22-Ti-46



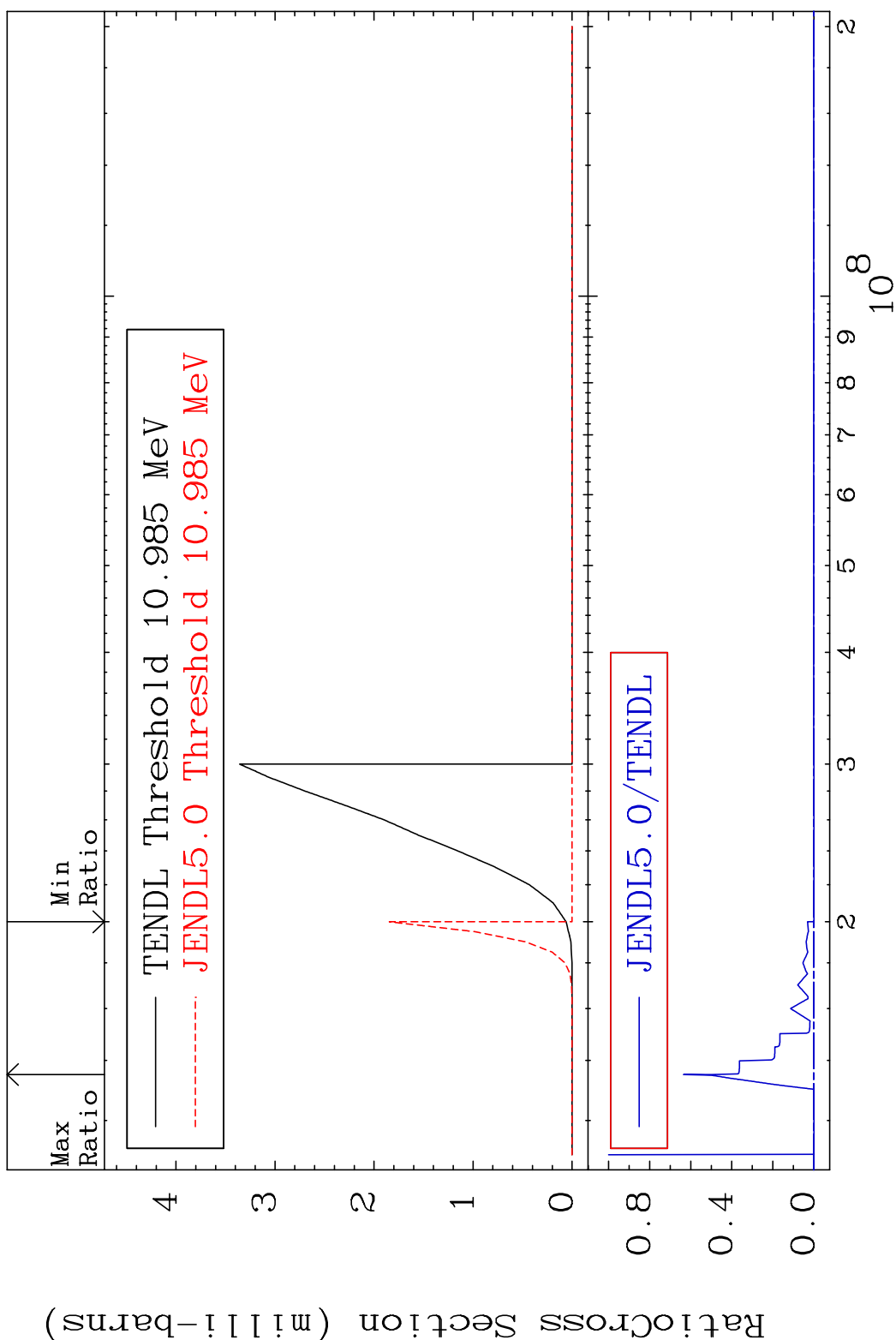


MAT 2225 (n,2p) 22-Ti-46  
 Cross Section -100.0 To 9999. %

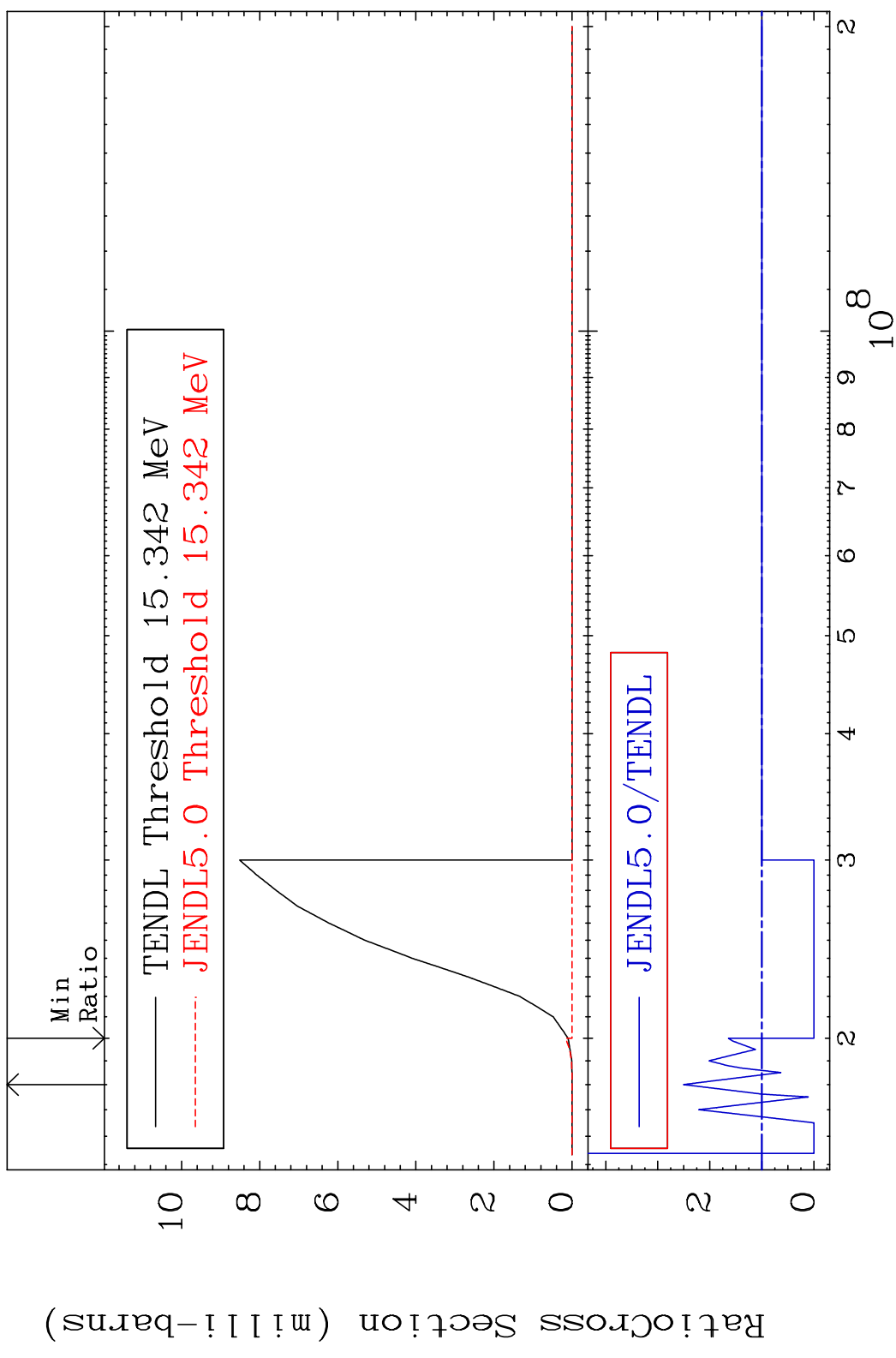


36 22-Ti-46

MAT 2225 (n,p)  $\alpha$  22-Ti-46  
 Cross Section -100.0 To 9999. %



MAT 2225 (n,p) d <sup>22</sup>Ti-46  
 Cross Section -100.0 To 150.7 %

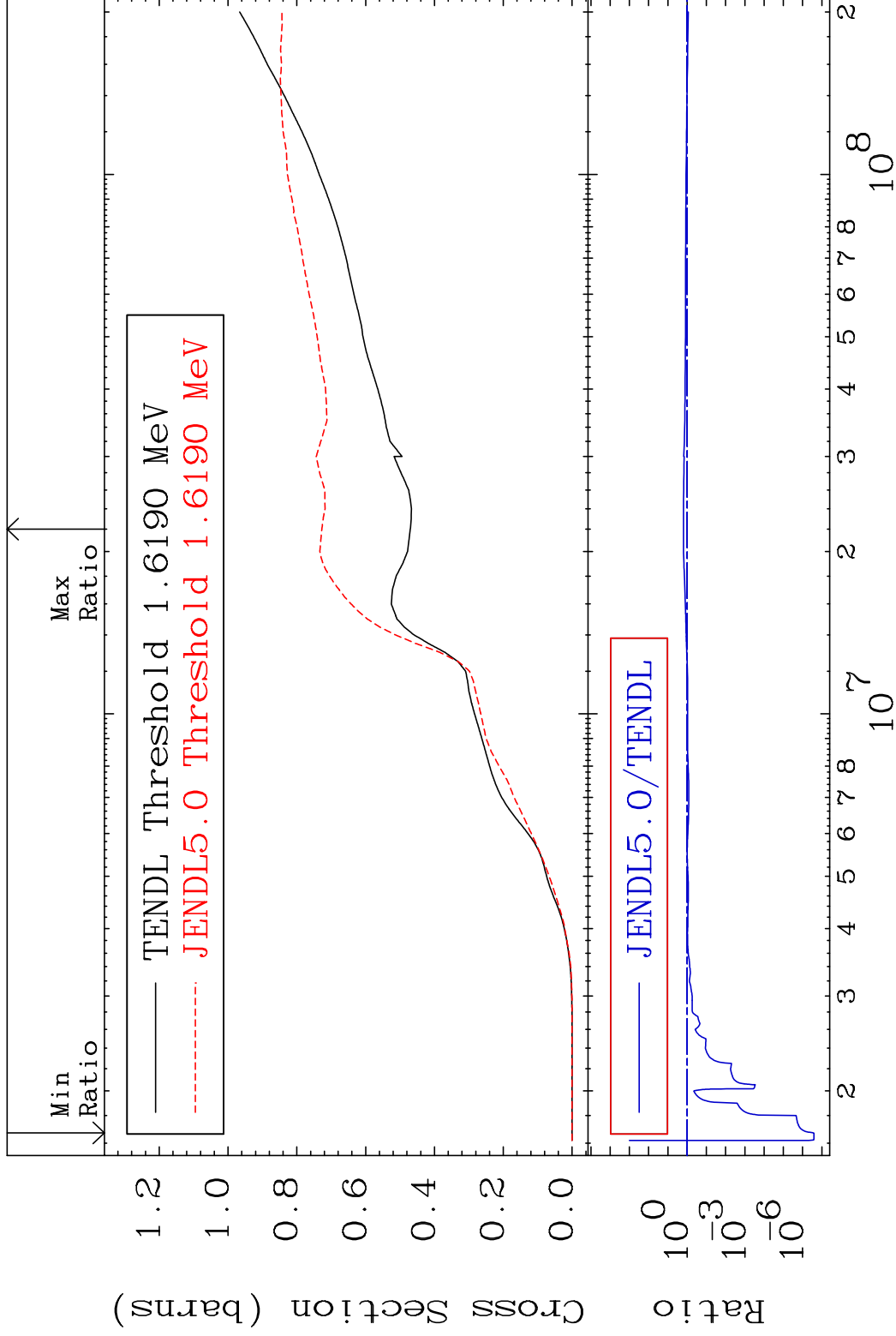


MAT 2225

Hydrogen Production

22-Ti-46

Cross Section -100.0 To 54.68 %

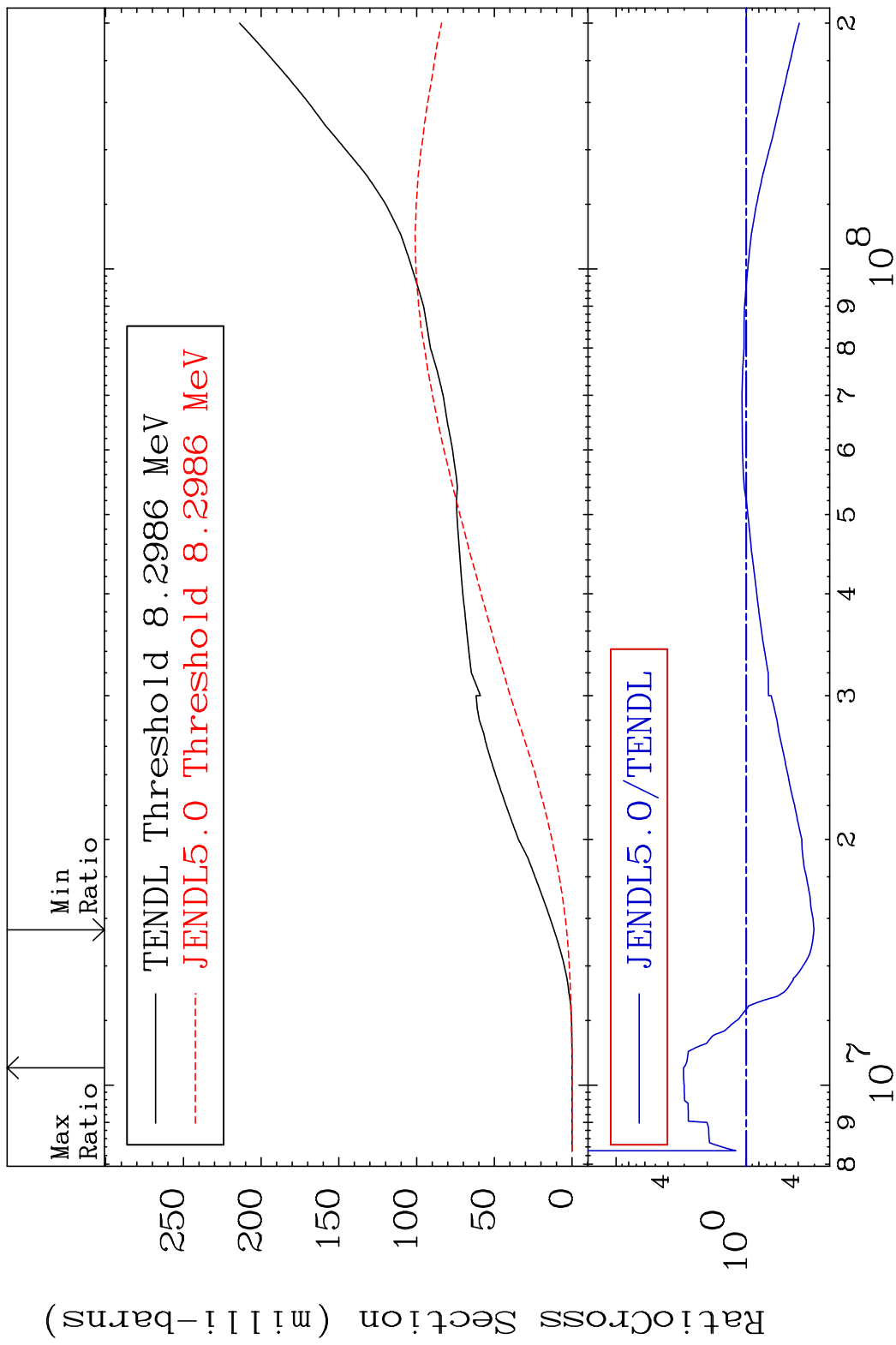


39

Incident Energy (eV)

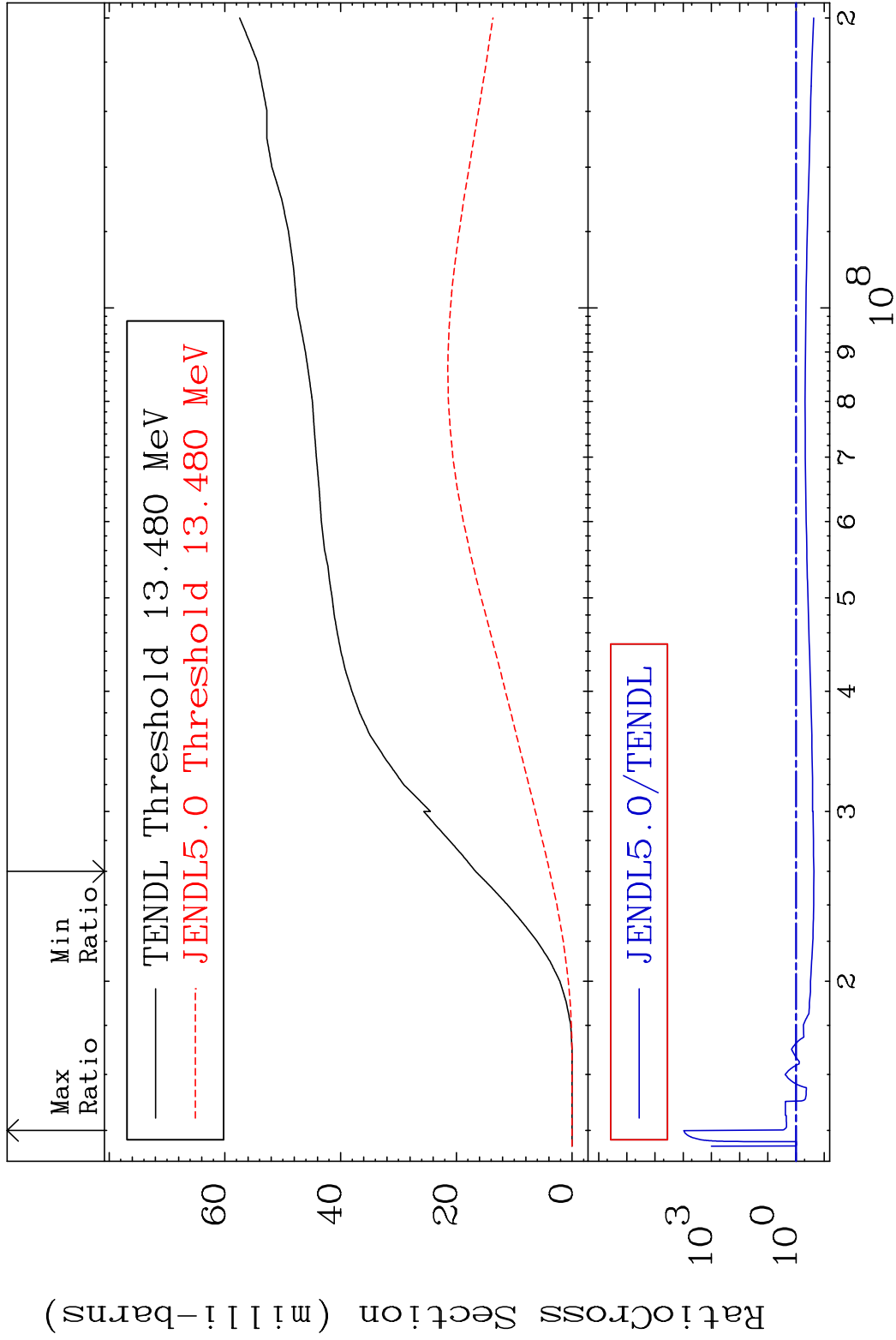
22-Ti-46

MAT 2225 Deuterium Production <sup>22</sup>Ti-46  
 Cross Section -69.67 To 203.9 %



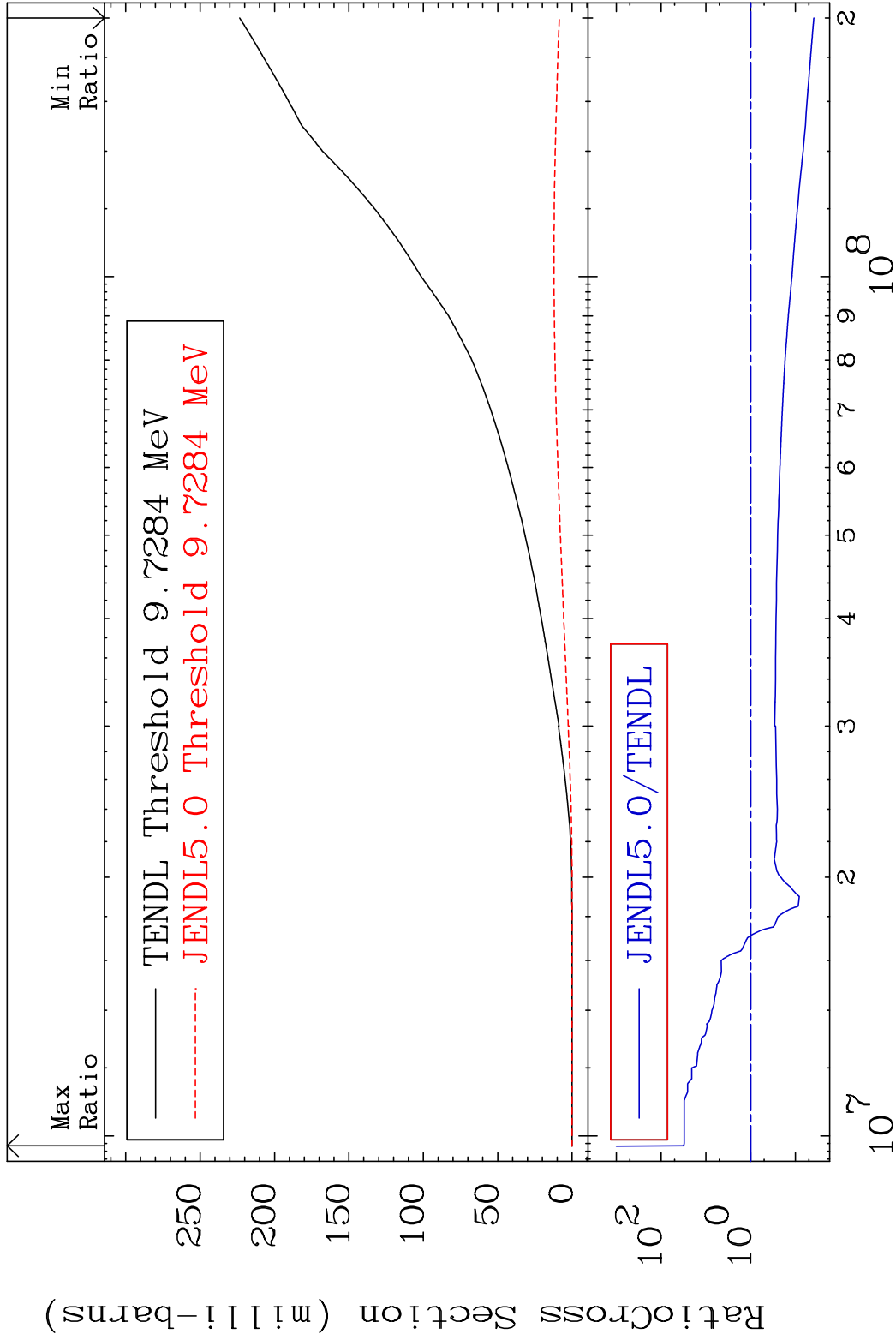
40 Incident Energy (eV) <sup>22</sup>Ti-46

MAT 2225 Tritium Production 22-Ti-46  
 Cross Section -76.77 To 9999. %



41 22-Ti-46

MAT 2225 He-3 Production 22-Ti-46  
 Cross Section -96.11 To 3064. %



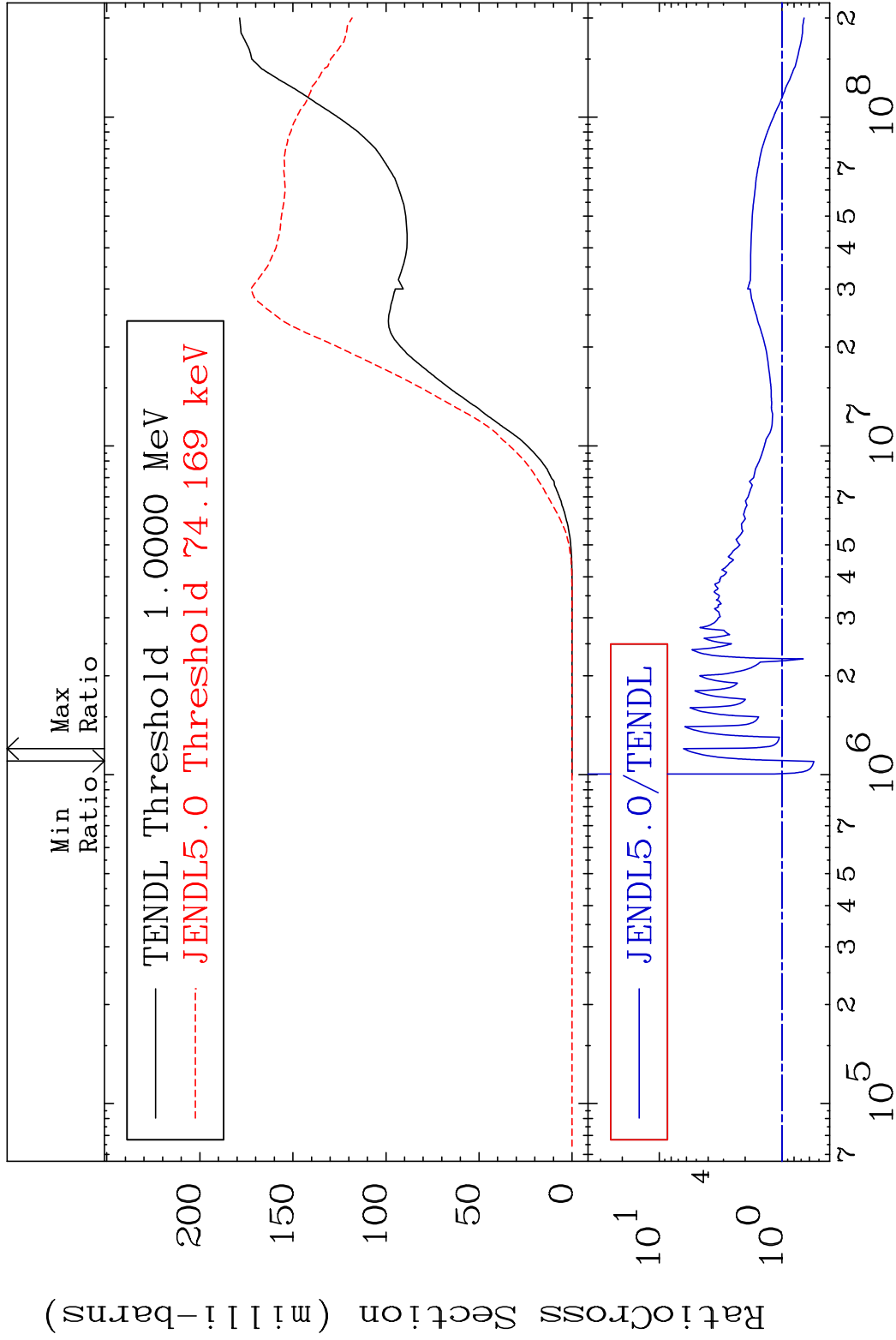
42 22-Ti-46

MAT 2225

He-4 Production

22-Ti-46

Cross Section -44.95 To 535.1 %

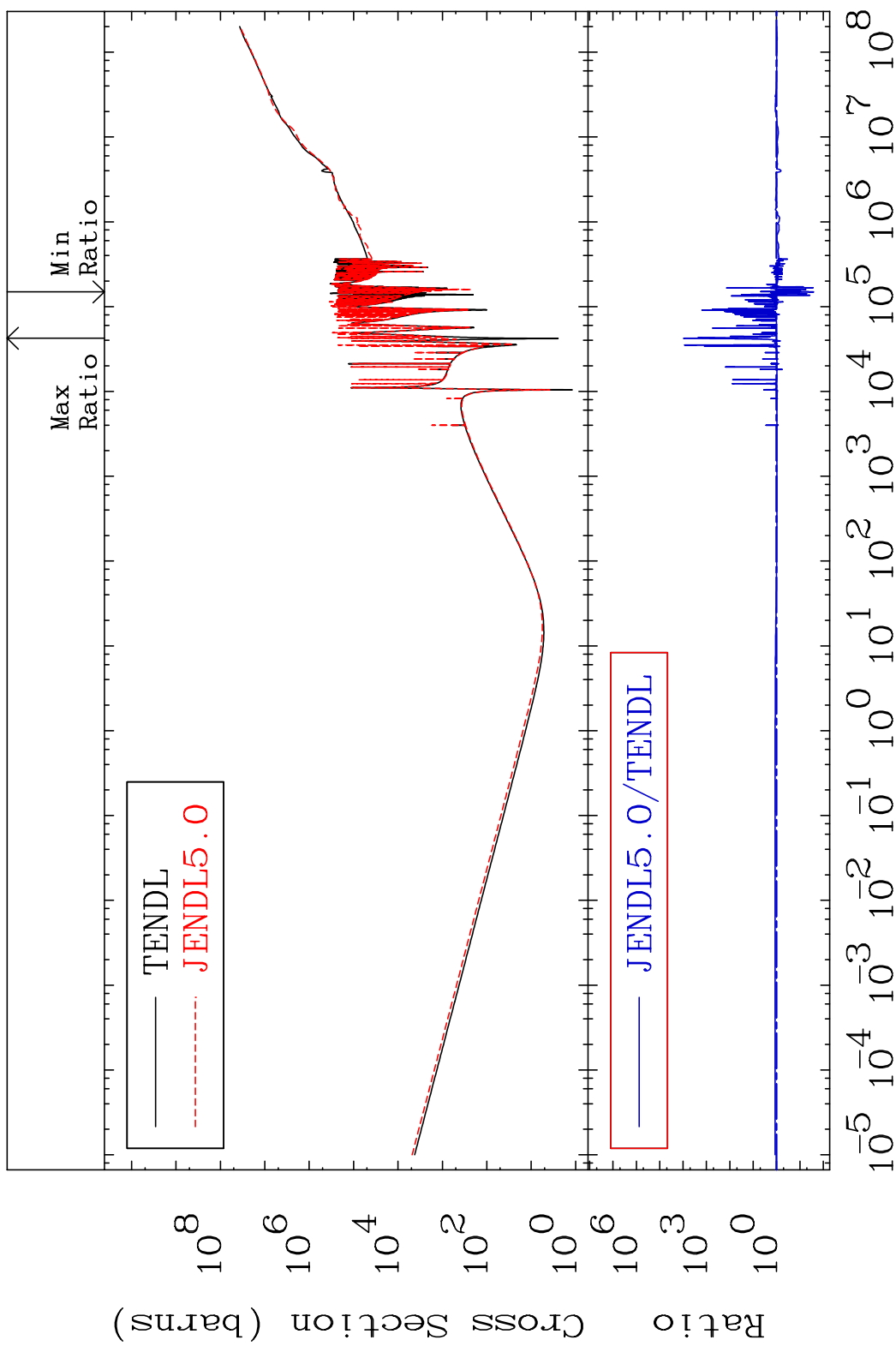


43

Incident Energy (eV)

22-Ti-46

MAT 2225 Kerma total (eV-barns) 22-Ti-46  
 Cross Section -97.48 To 9999. %

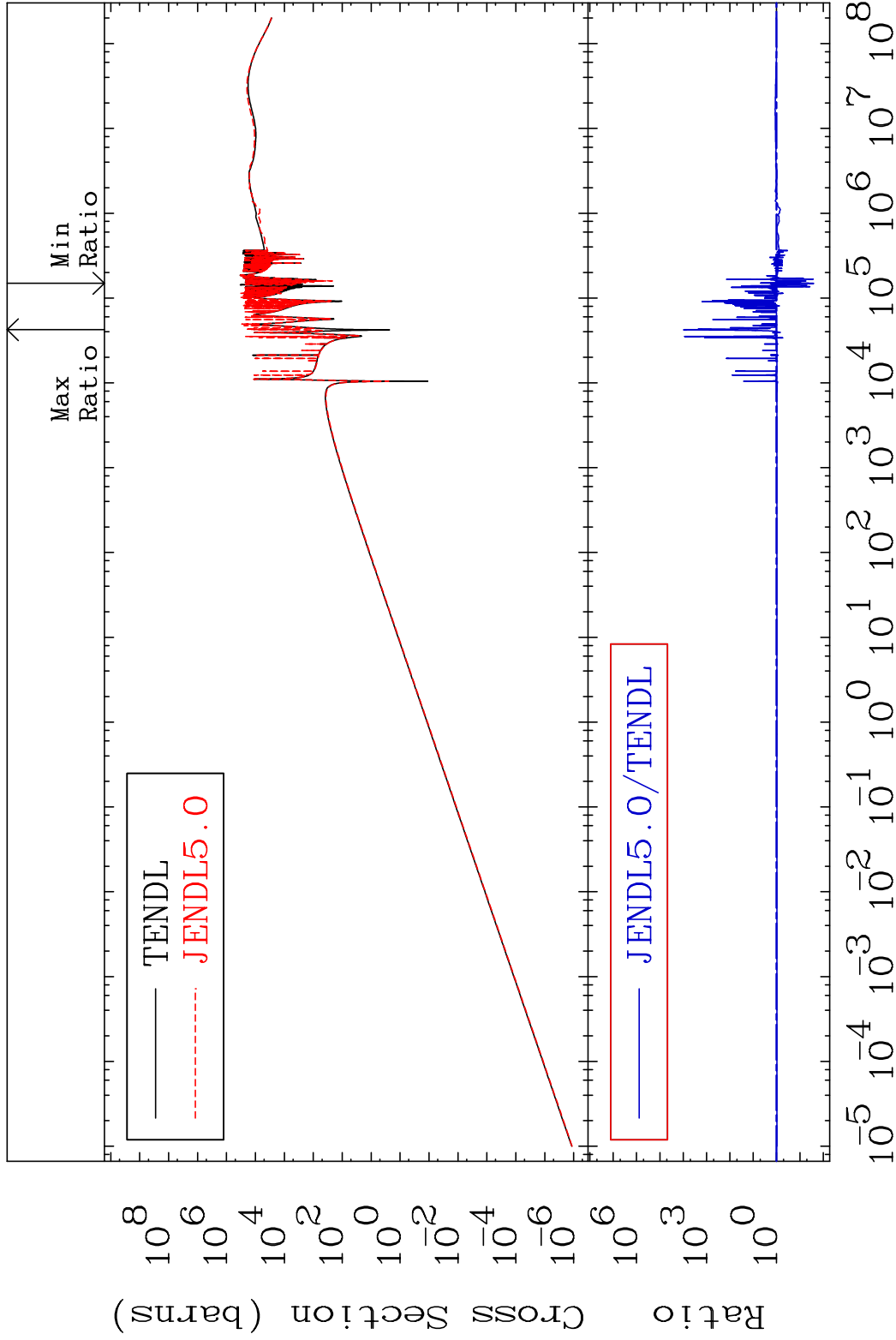


44 Incident Energy (eV) 22-Ti-46

MAT 2225

Kerma elastic  
Cross Section

22-Ti-46  
-97.48 To 9999. %

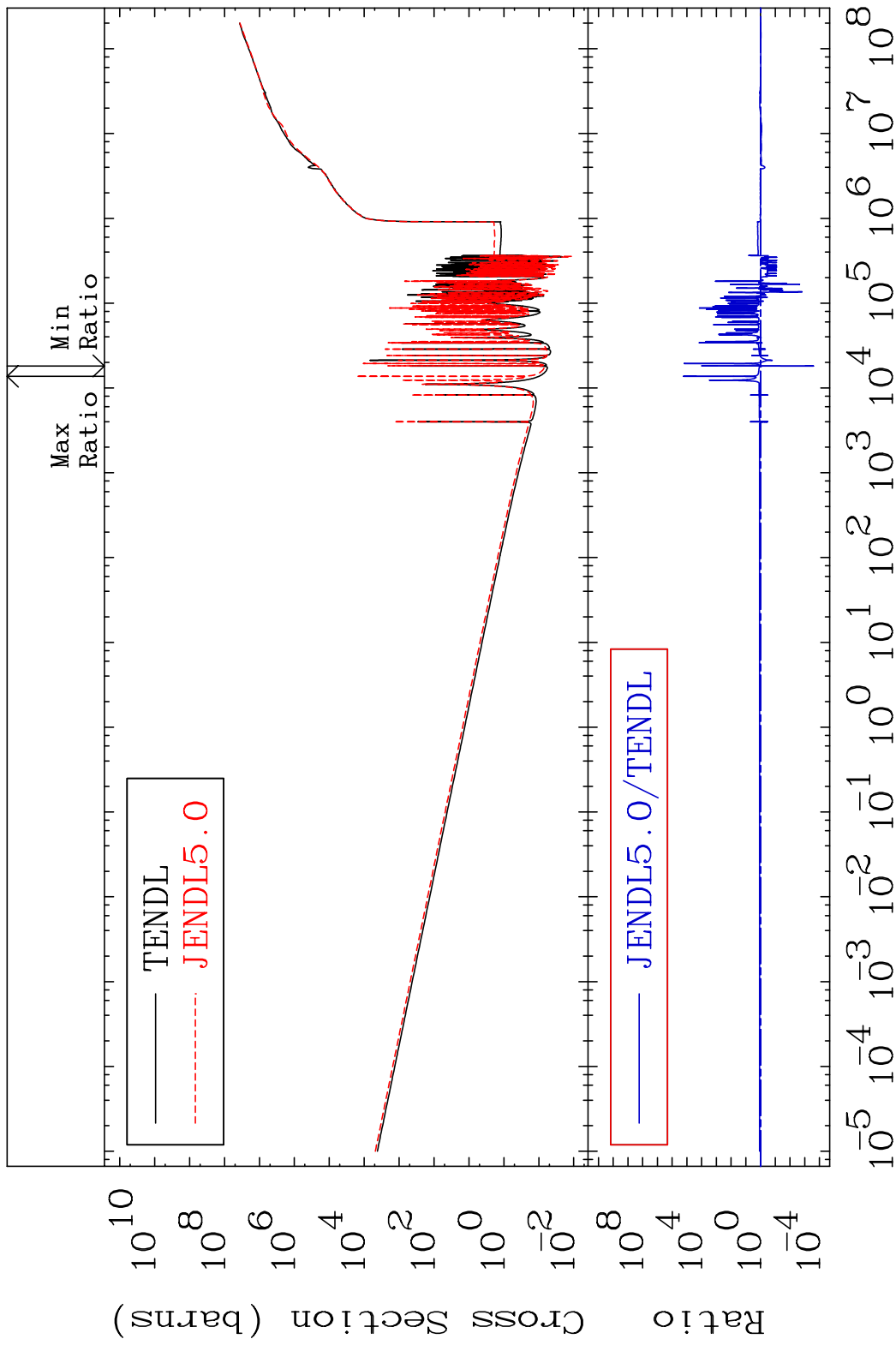


45

Incident Energy (eV)

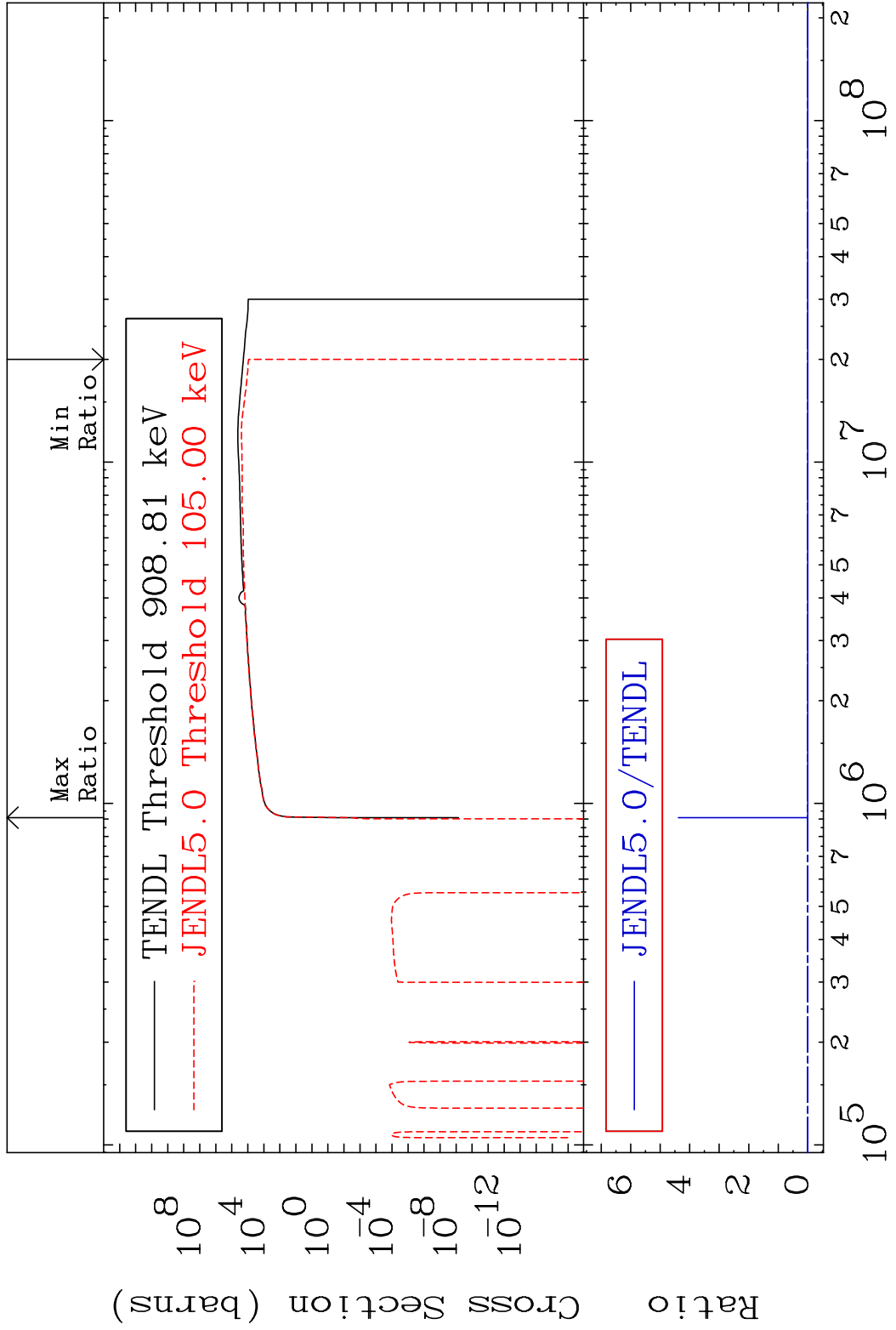
22-Ti-46

MAT 2225 Kerma non-elastic (all but mt2) 22-Ti-46  
 Cross Section -99.98 To 9999. %



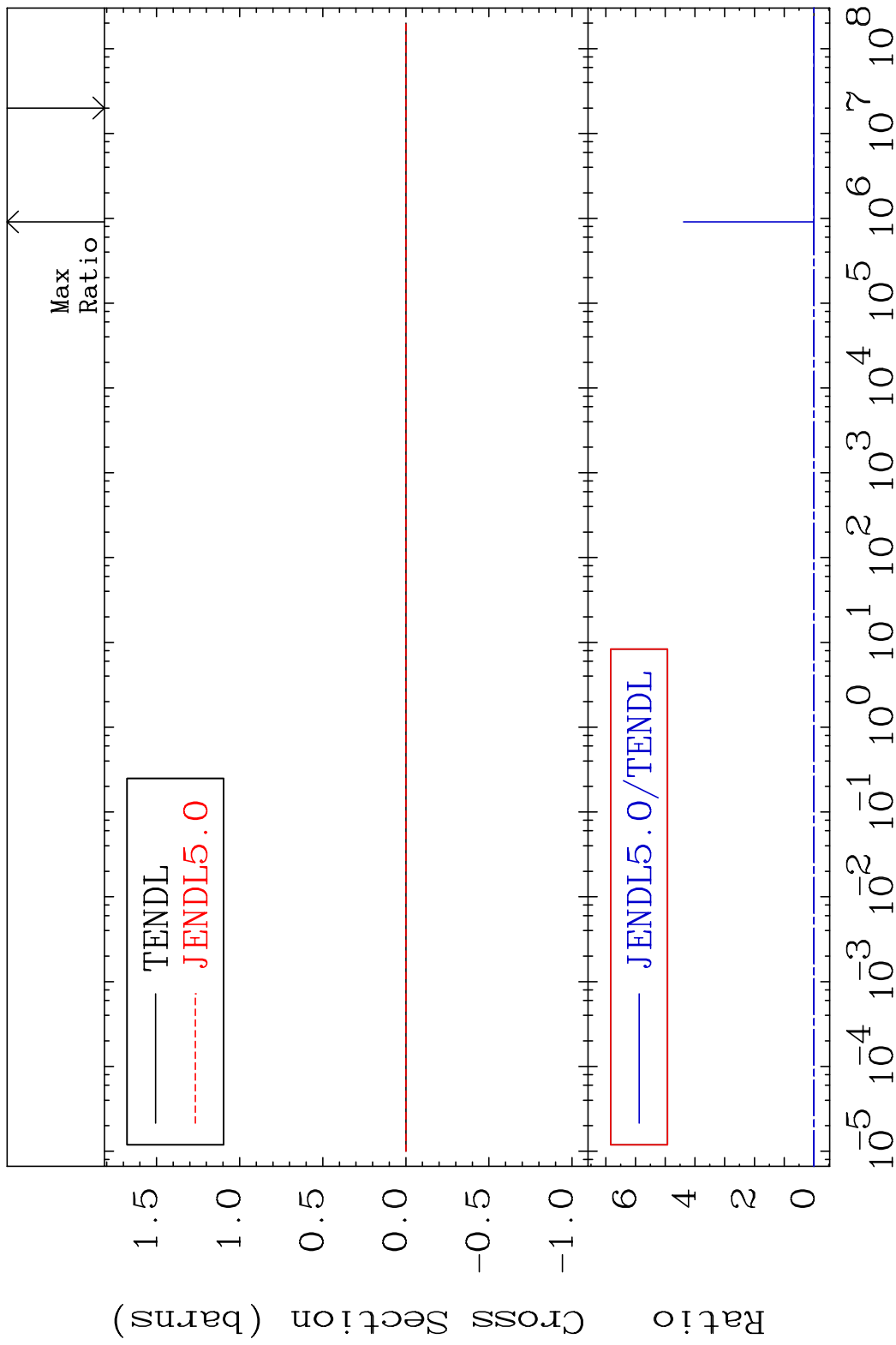
46 Incident Energy (eV) 22-Ti-46

MAT 2225 Kerma inelastic (mt51-91) 22-Ti-46  
 Cross Section -100.0 To 9999. %



47 Incident Energy (eV) 22-Ti-46

MAT 2225 Kerma fission (mt18 or mt19-20-21-38) 22-Ti-46  
 Cross Section -100.0 To 9999. %

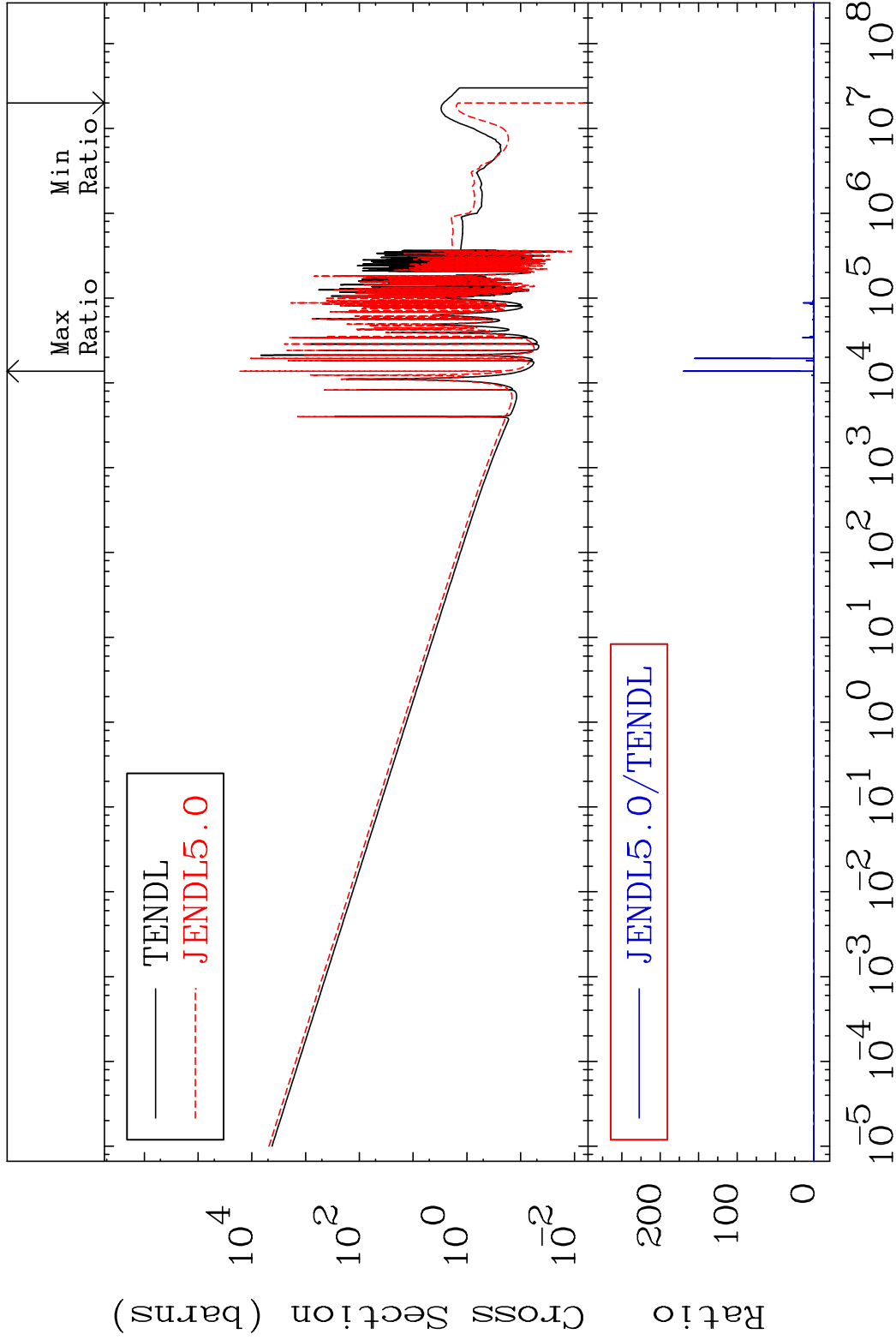


48

Incident Energy (eV)

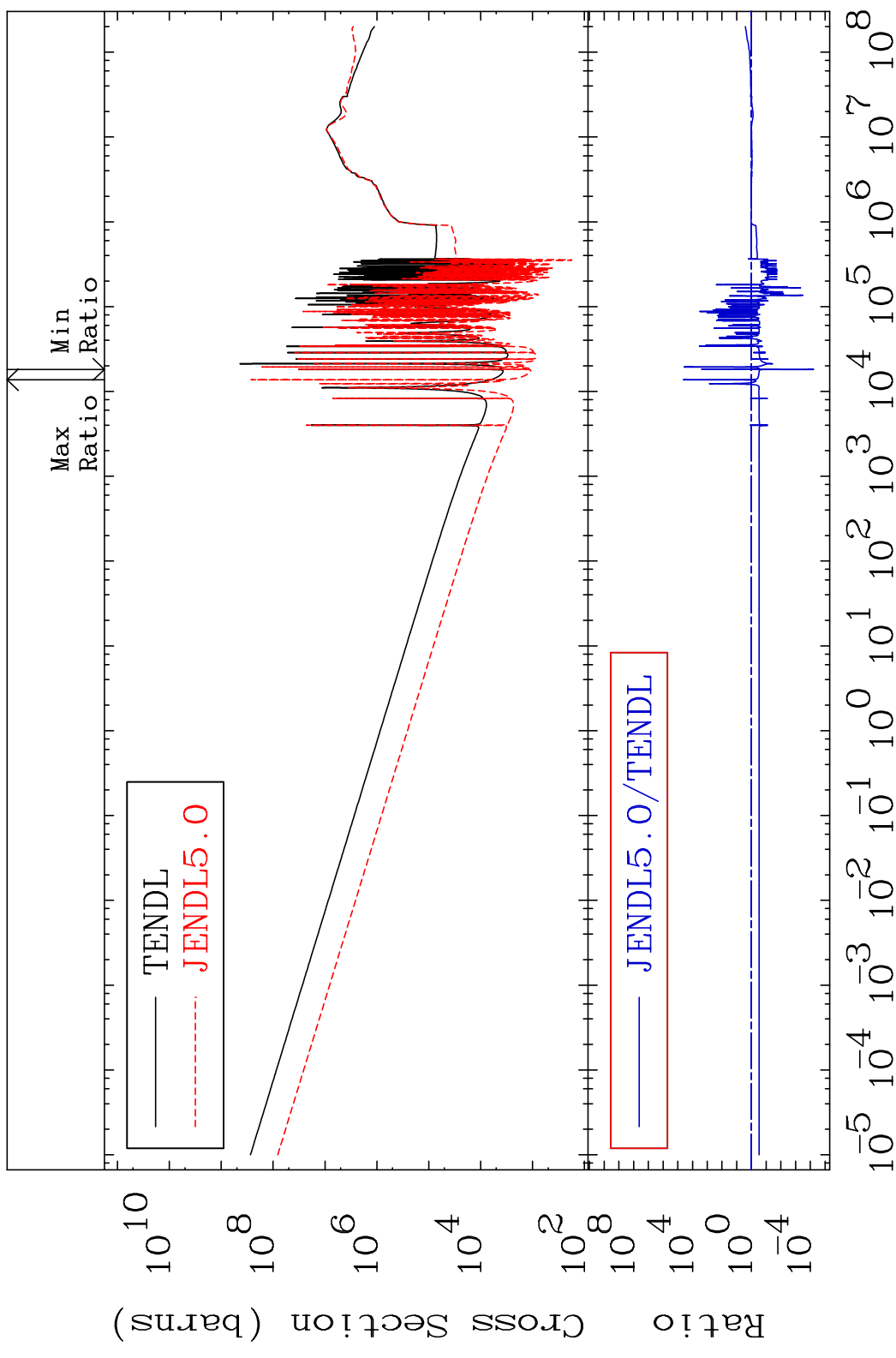
22-Ti-46

MAT 2225 Kerma capture (mt102) 22-Ti-46  
 Cross Section -100.0 To 9999. %



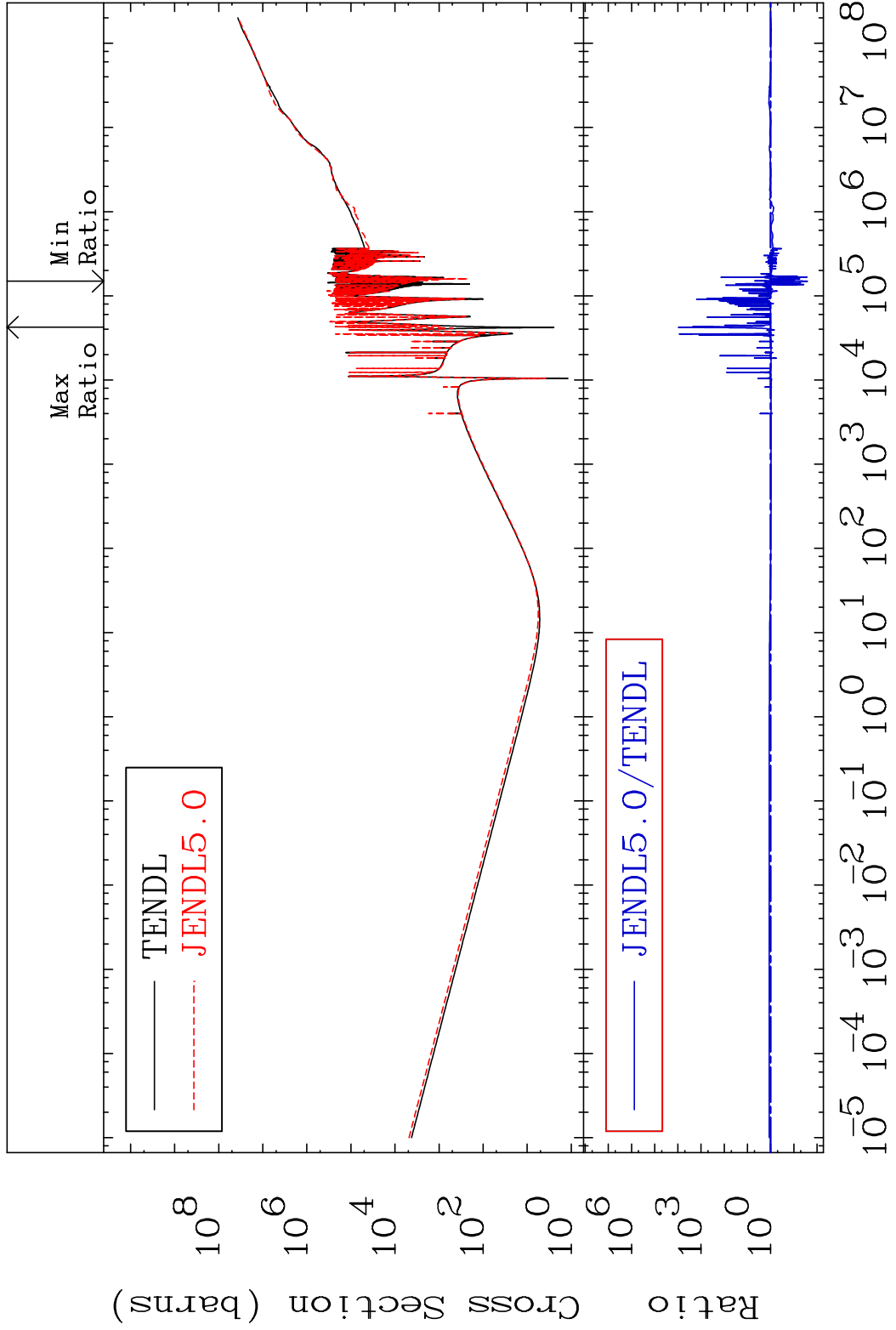
49 Incident Energy (eV) 22-Ti-46

MAT 2225 Total photon (eV-barns) 22-Ti-46  
Cross Section -99.99 To 9999. %

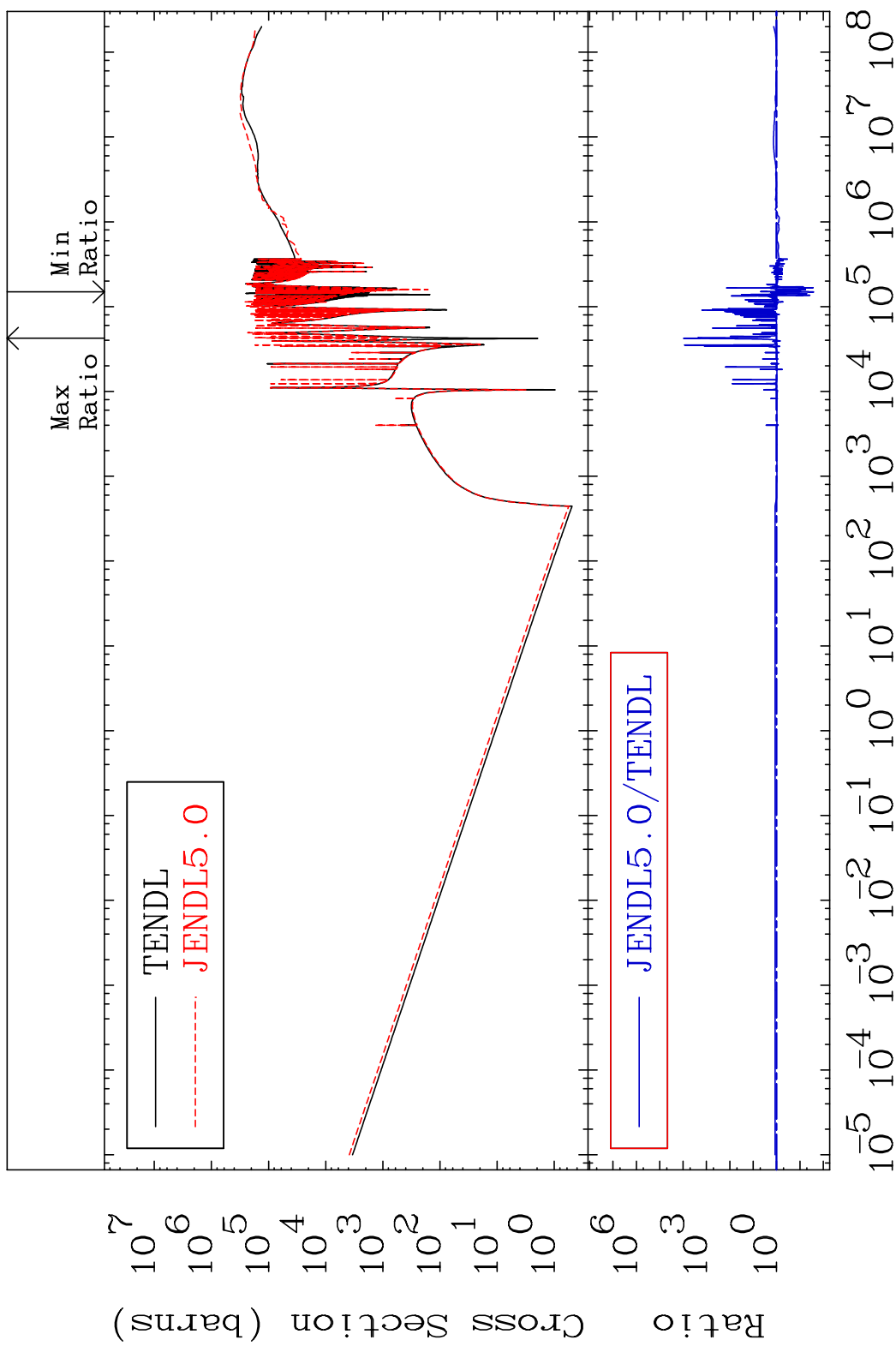


50 Incident Energy (eV) 22-Ti-46

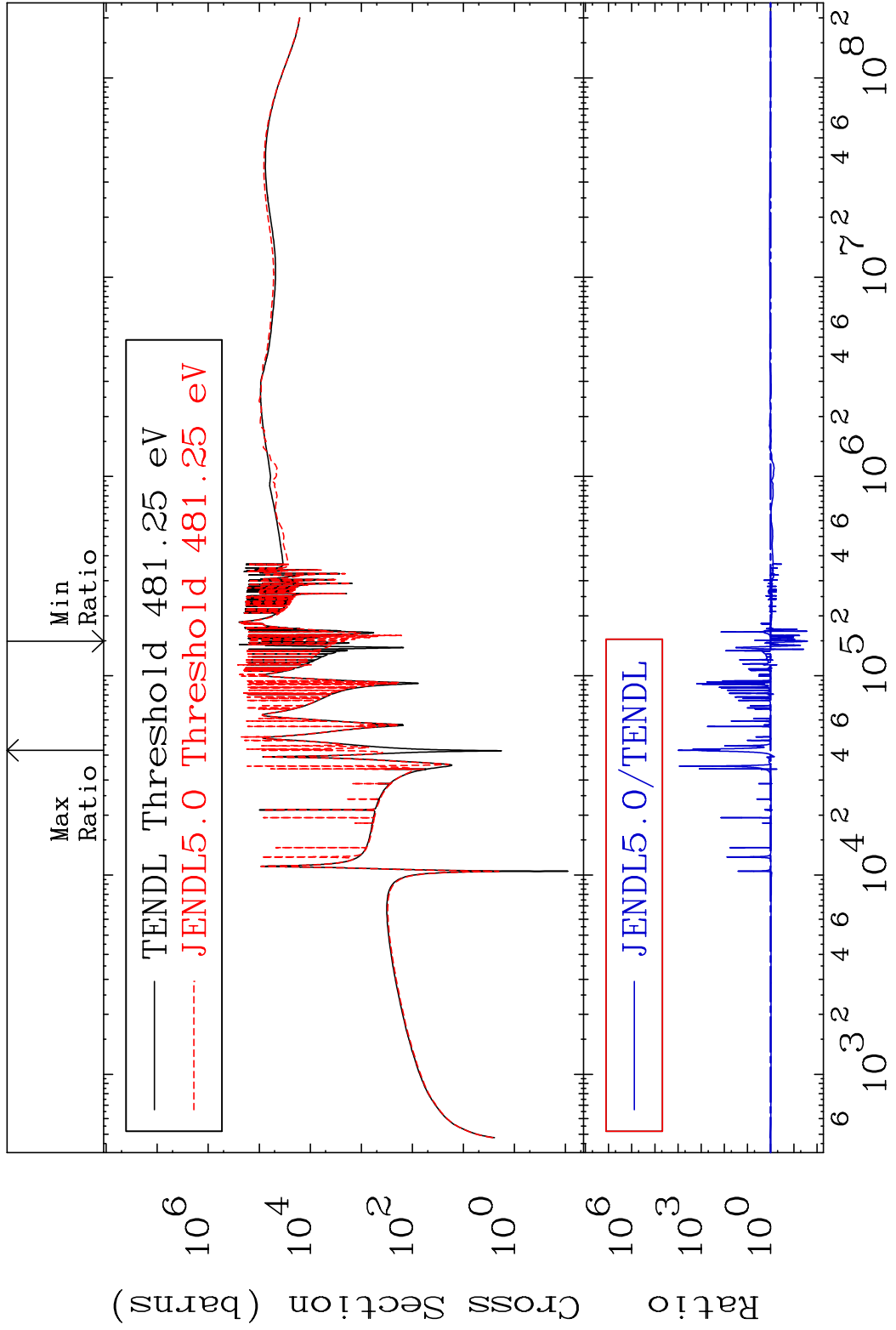
MAT 2225 Total kinematic kerma (high limit) 22-Ti-46  
 Cross Section -97.48 To 9999. %



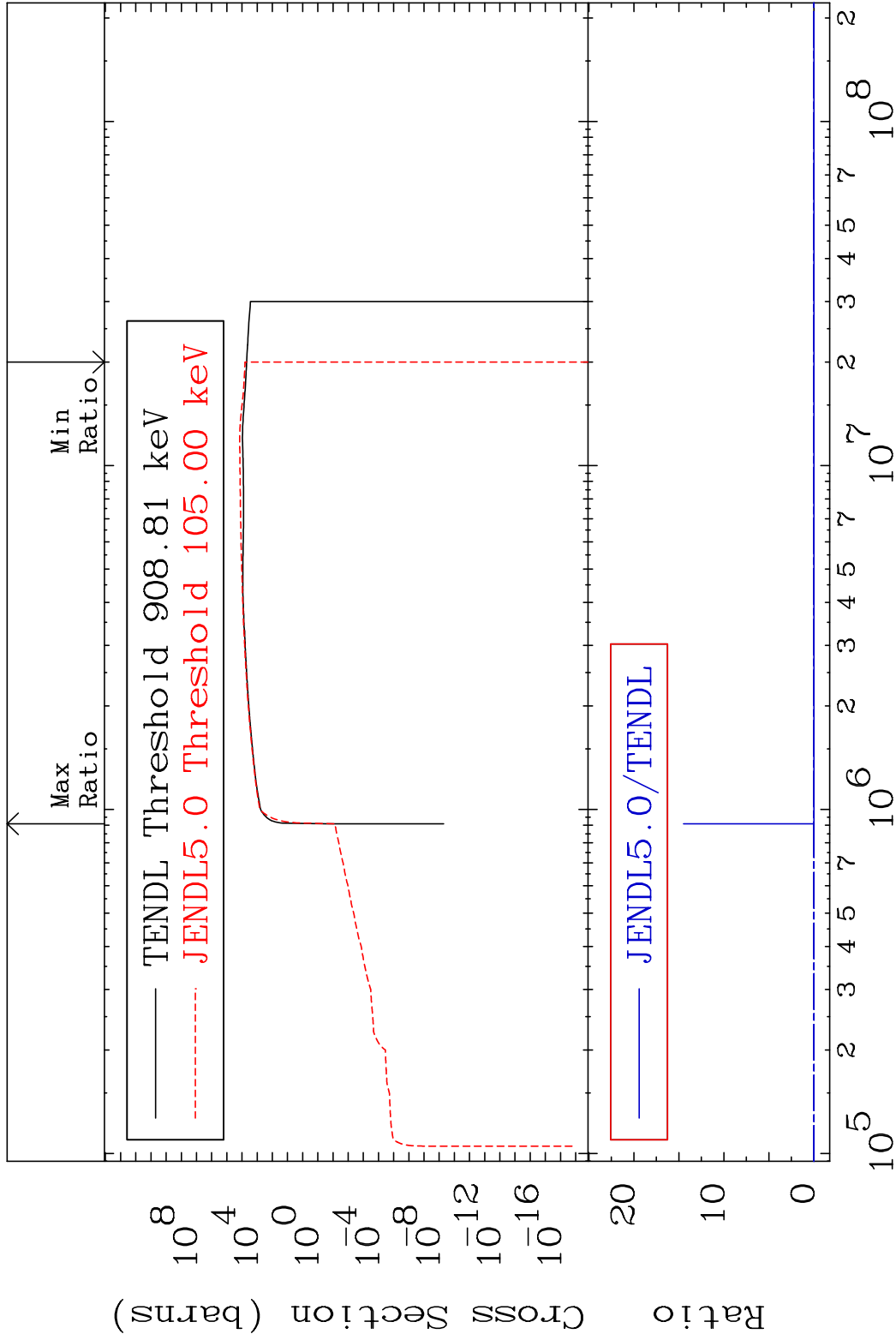
MAT 2225      Dpa total (eV-barns)      22-Ti-46  
 Cross Section      -97.48 To 9999. %



MAT 2225 Dpa elastic (mt2) 22-Ti-46  
 Cross Section -97.48 To 9999. %

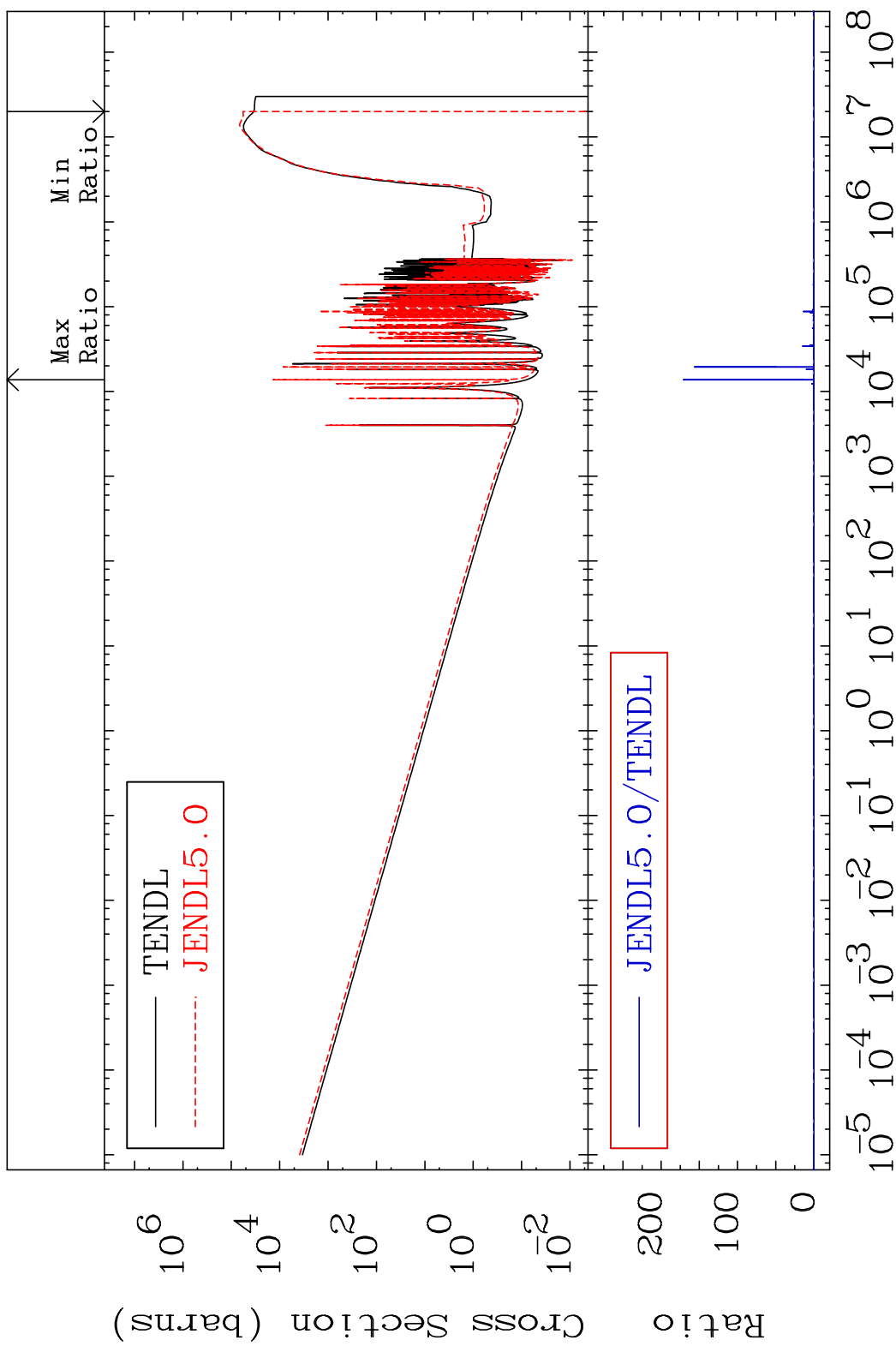


MAT 2225 Dpa inelastic (mt51-91) 22-Ti-46  
 Cross Section -100.0 To 9999. %

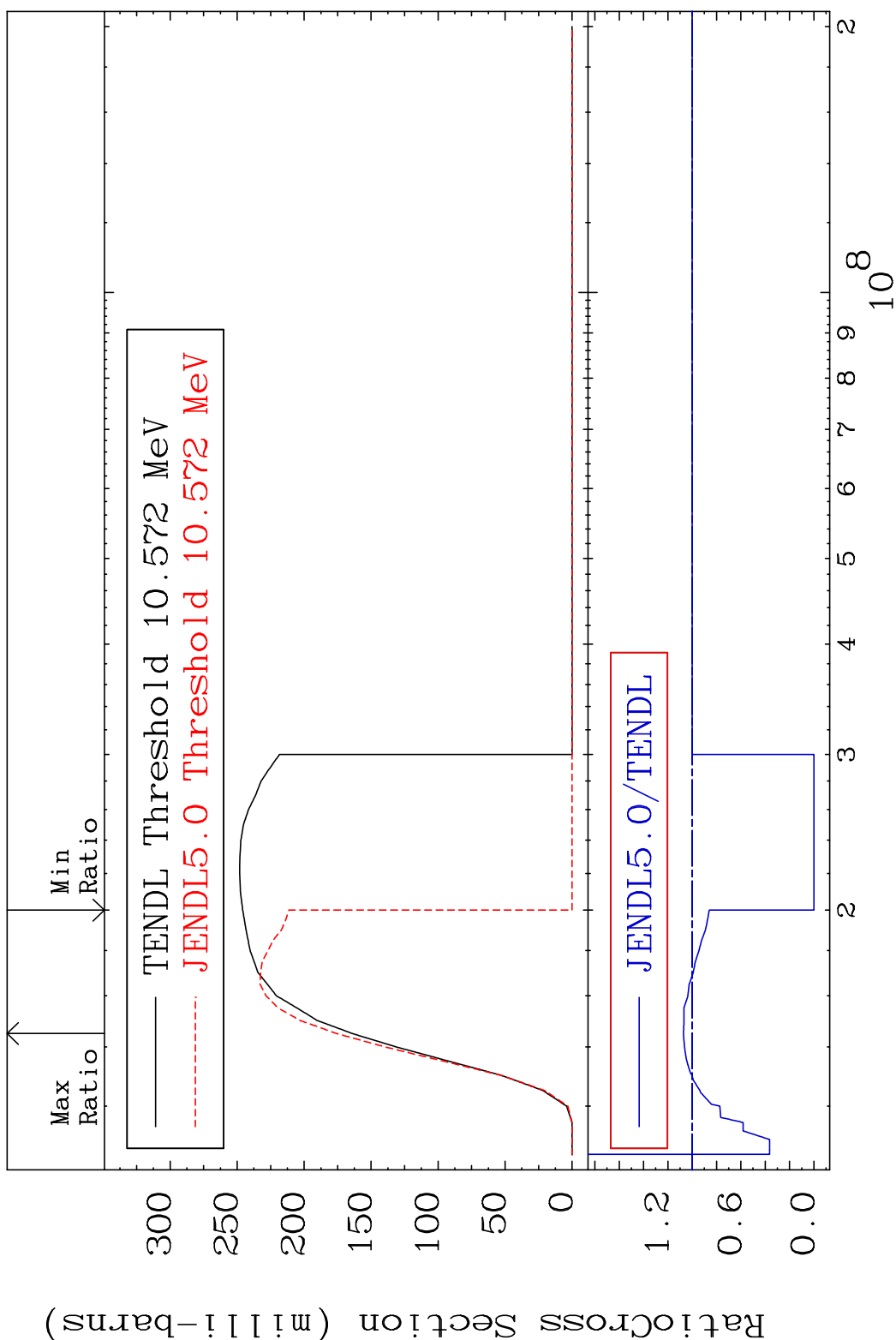


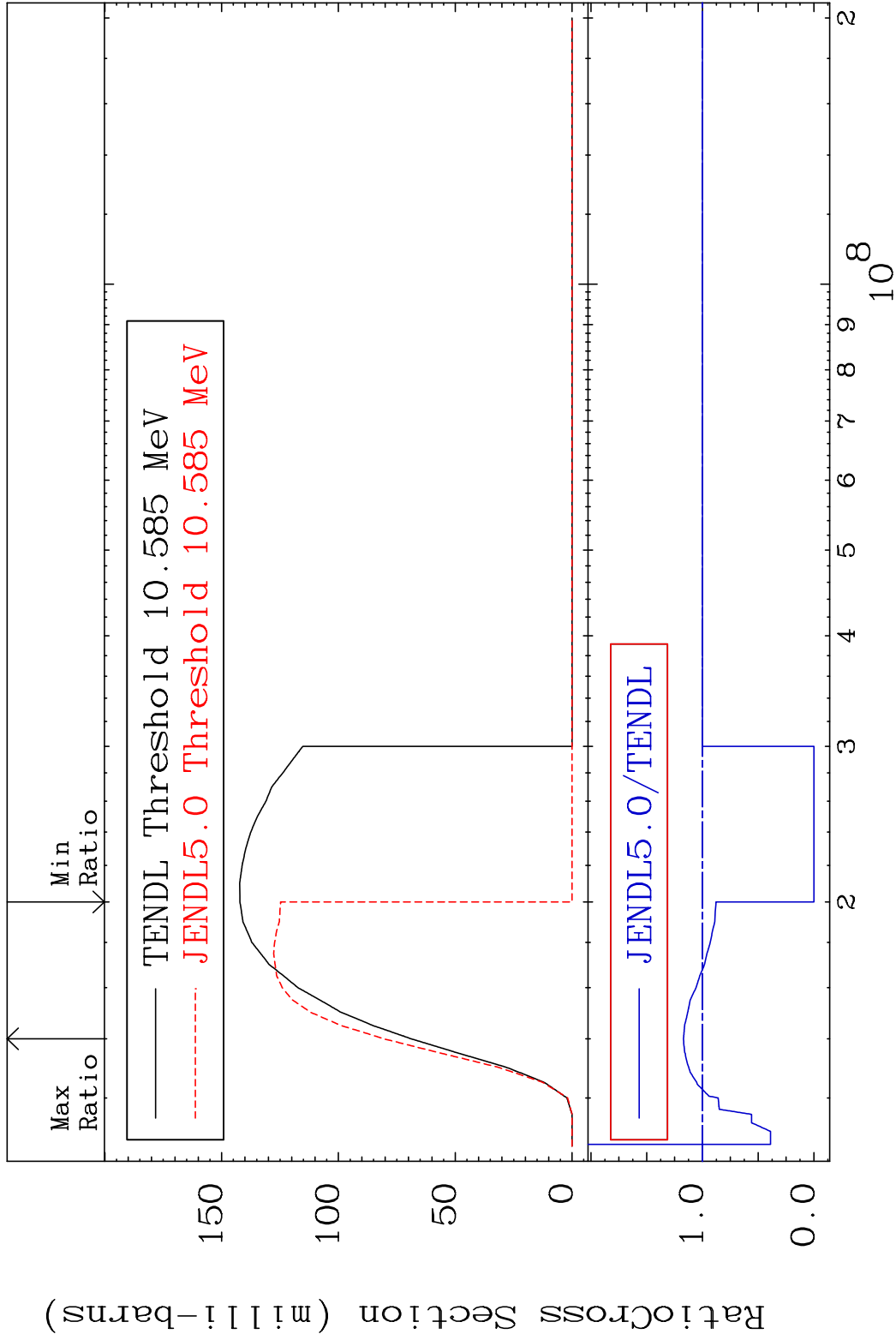
54 Incident Energy (eV) 22-Ti-46

MAT 2225 Dpa disappearance (mt102 -120) 22-Ti-46  
 Cross Section -100.0 To 9999. %

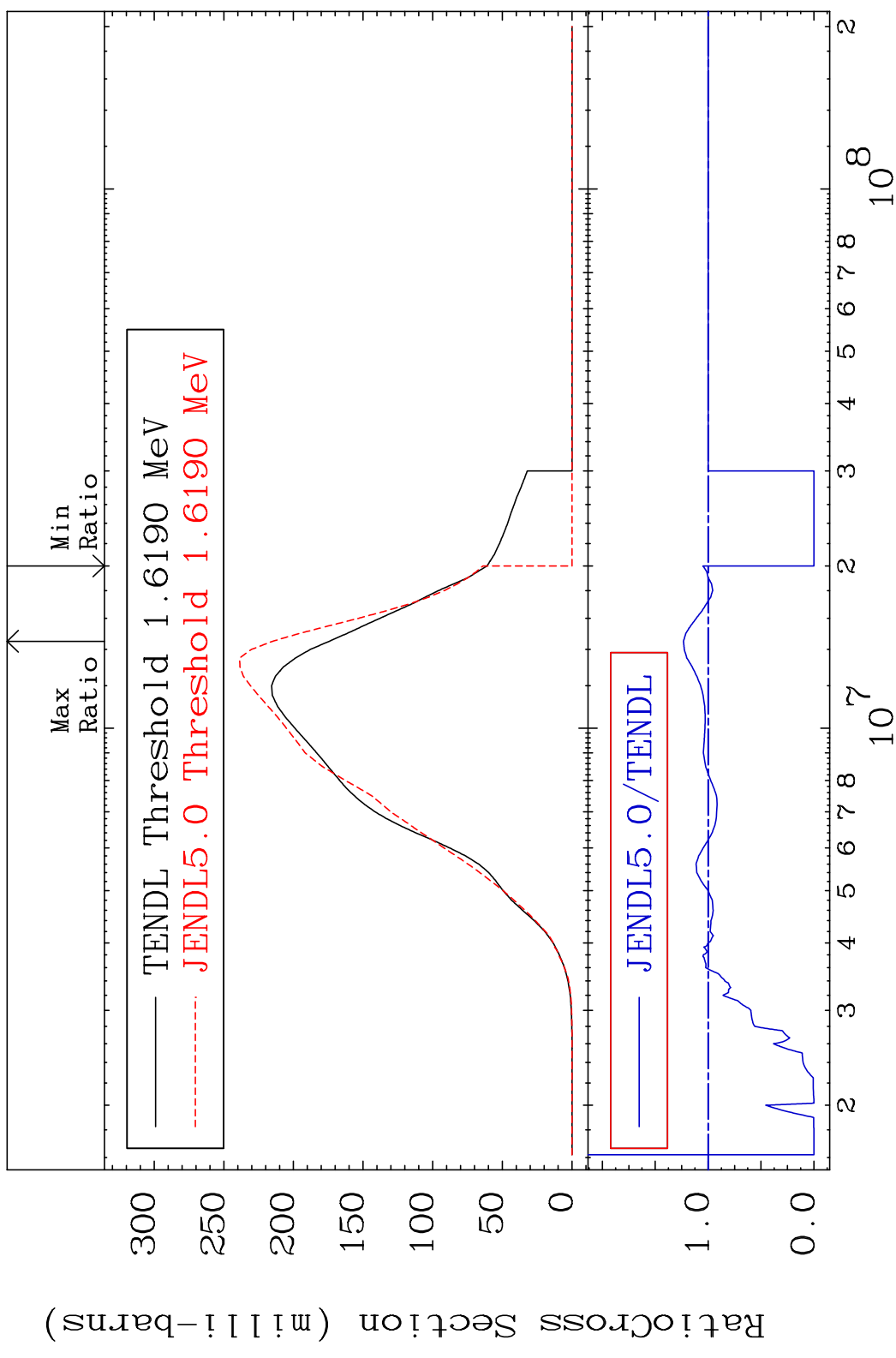


55 Incident Energy (eV) 22-Ti-46



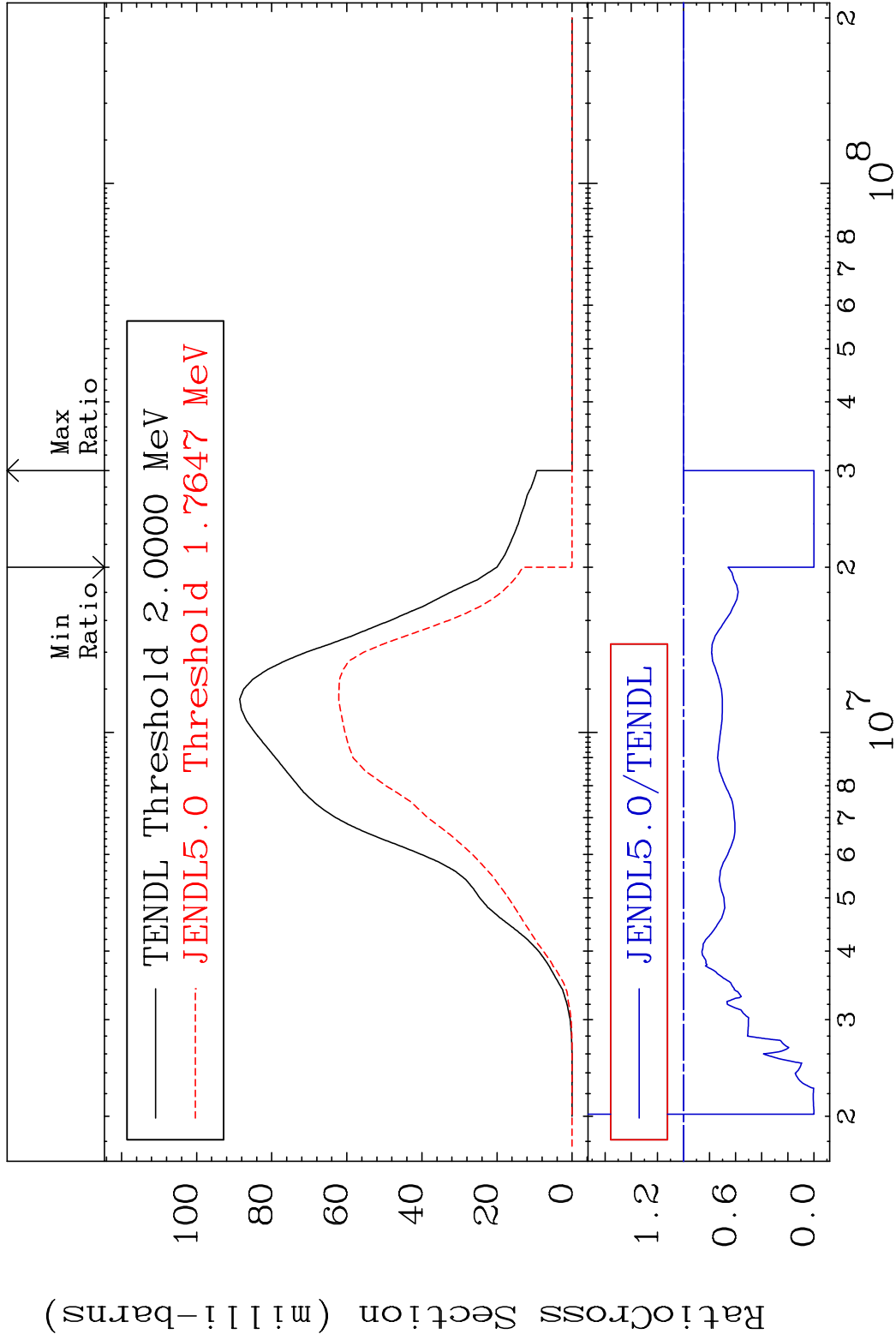


MAT 2225 (n,p):21-Sc-46g 22-Ti-46  
 Radionuclide Production Cross Section 180000 dth 23.31 %



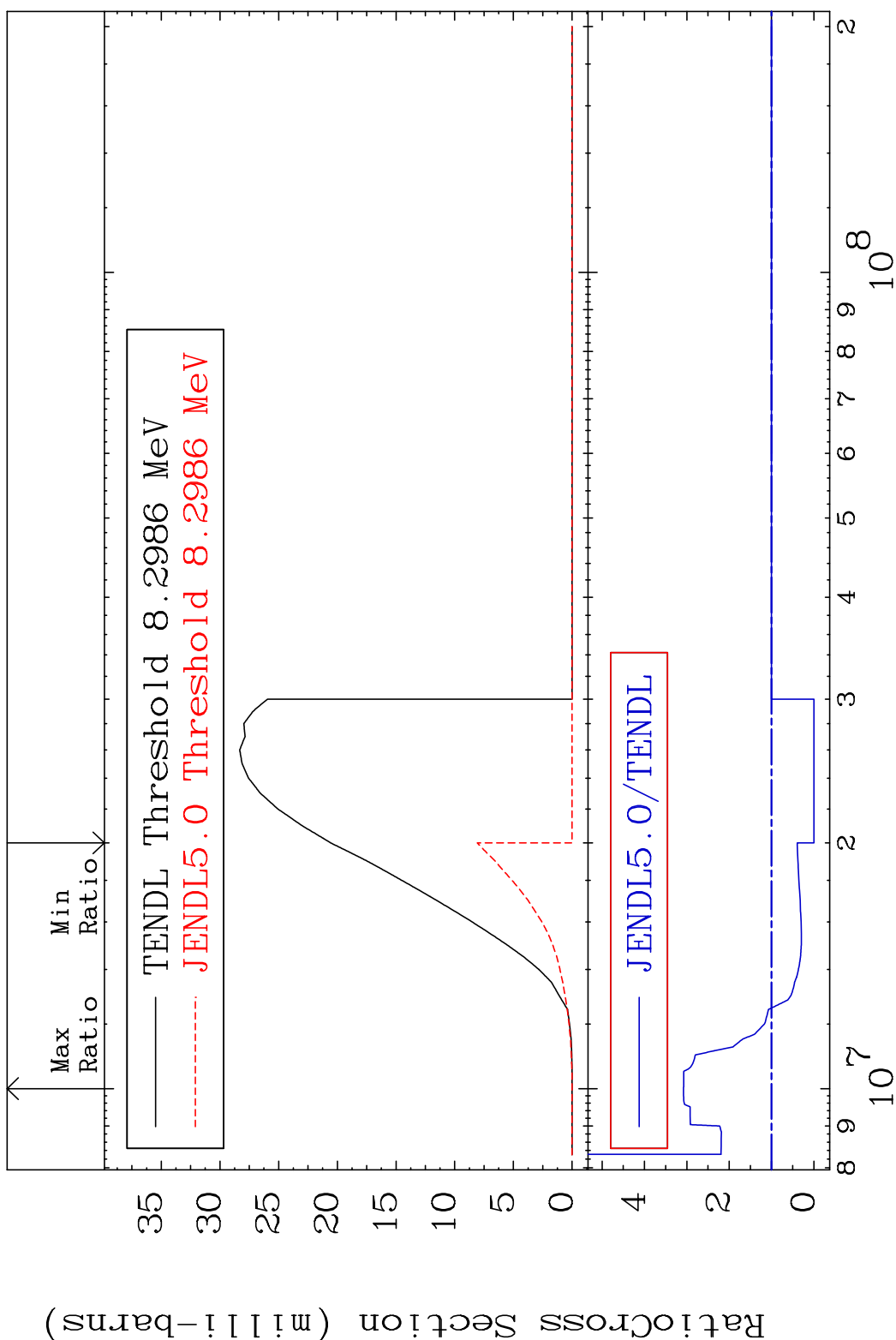
58 Incident Energy (eV) 22-Ti-46

MAT 2225 (n,p):21-Sc-46m2 22-Ti-46  
 Radionuclide Production Cross Section 180000 dpo 0.000 %



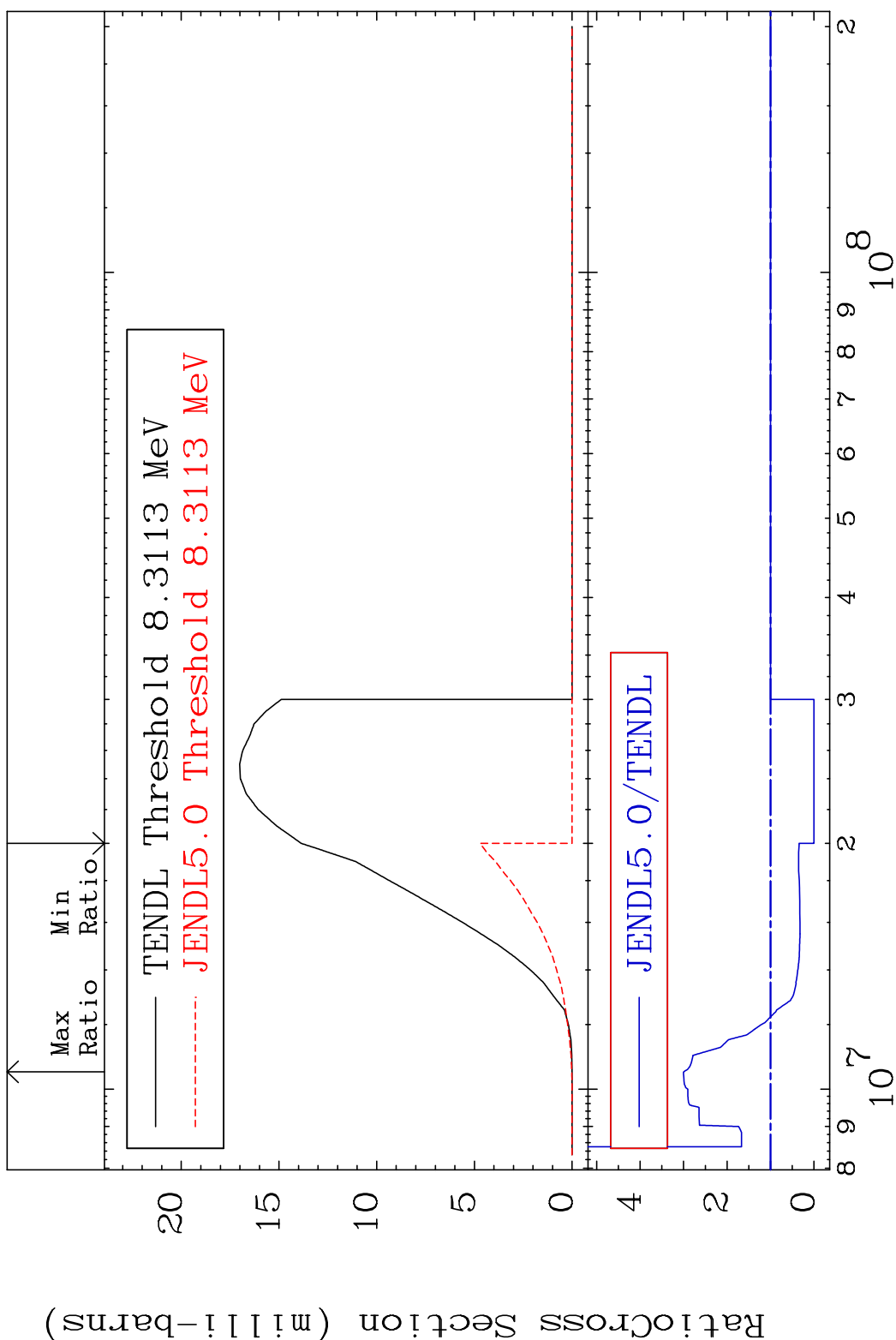
59 22-Ti-46

MAT 2225 (n, d): 21-Sc-45g 22-Ti-46  
 Radionuclide Production Cross Section 180000 dth 207.9 %

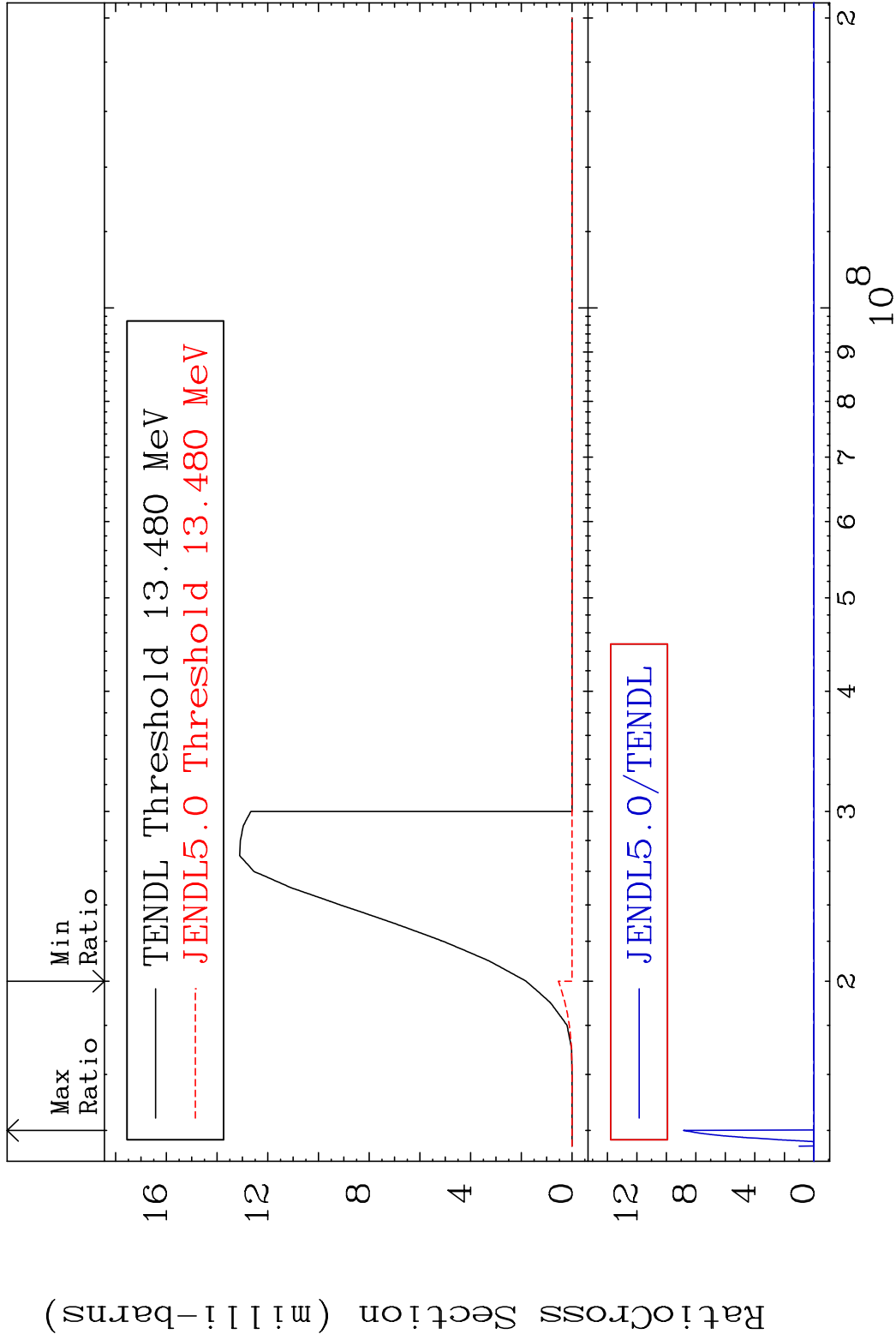


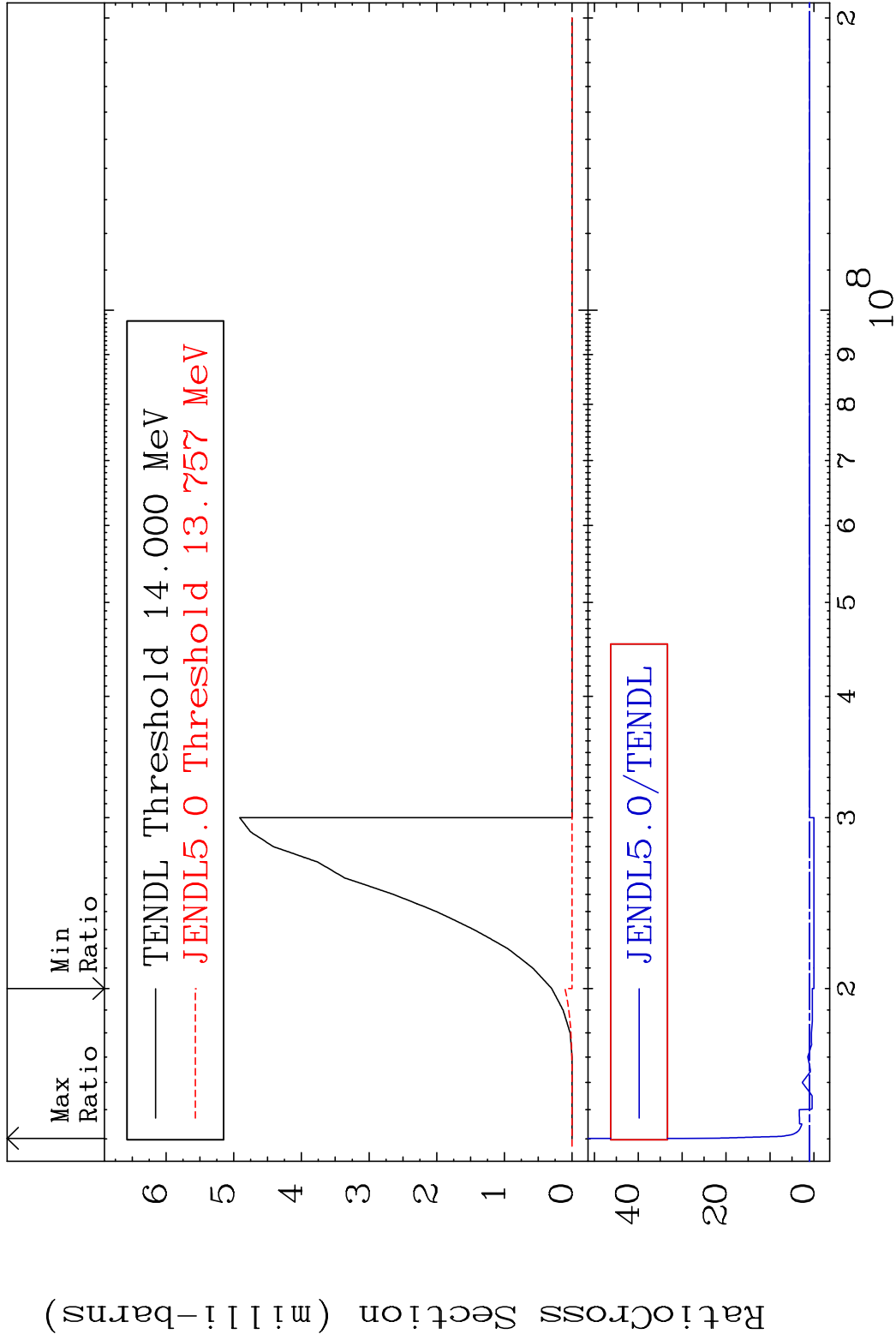
60 22-Ti-46

MAT 2225 (n,d):21-Sc-45m1 22-Ti-46  
 Radionuclide Production Cross Section 180000 dth 200.3 %

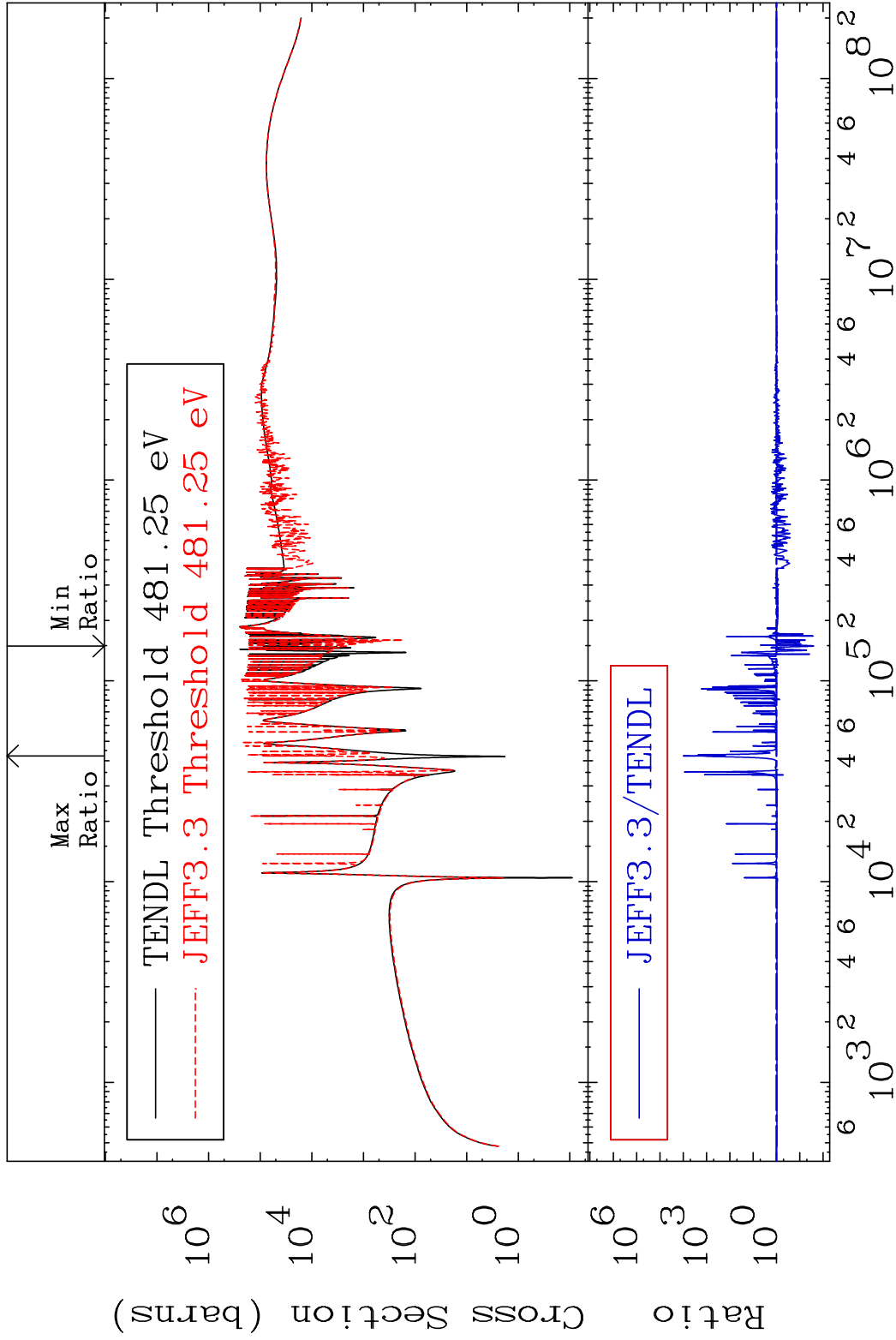


61 Incident Energy (eV) 22-Ti-46



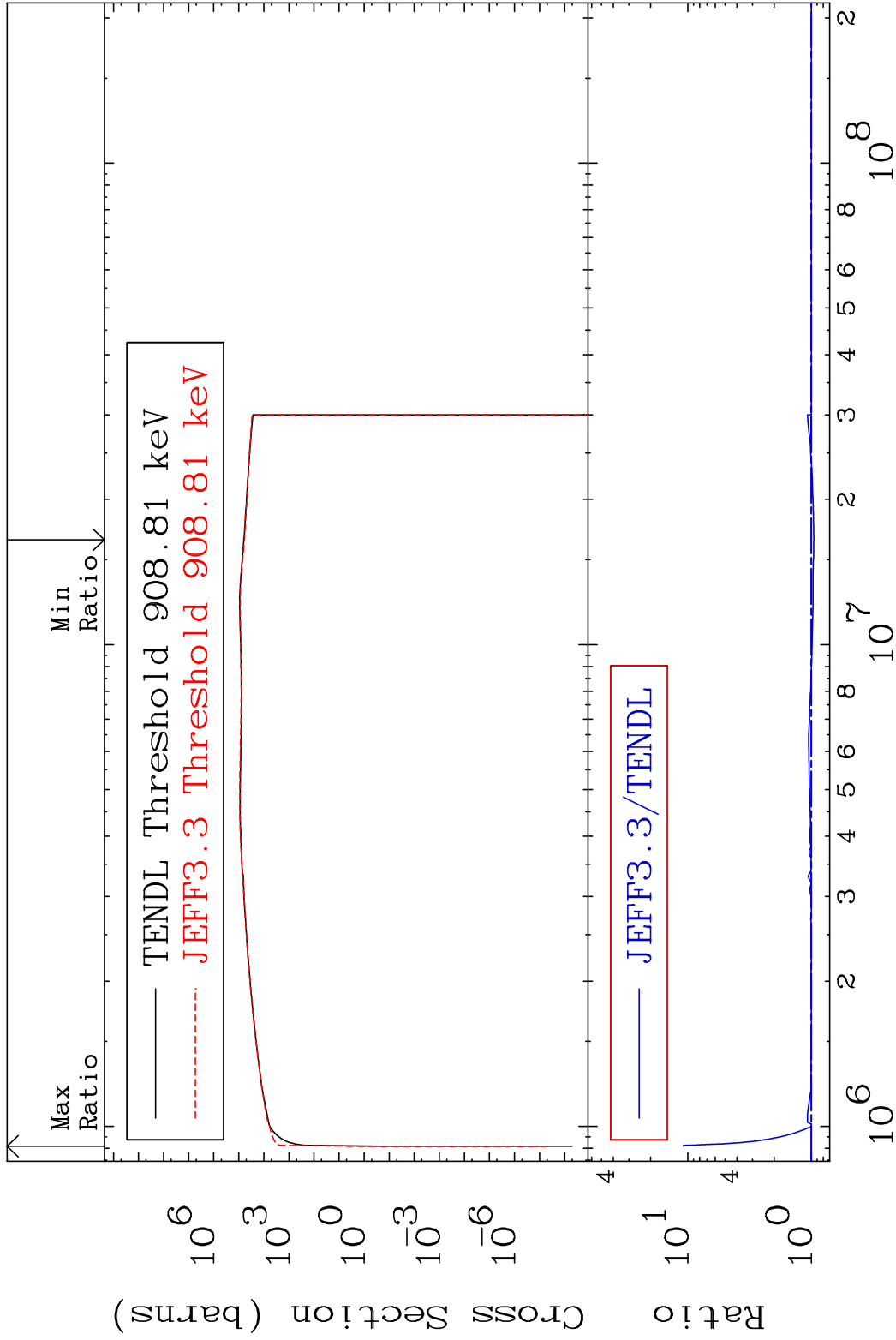


MAT 2225 Dpa elastic (mt2) 22-Ti-46  
 Cross Section -97.50 To 9999. %



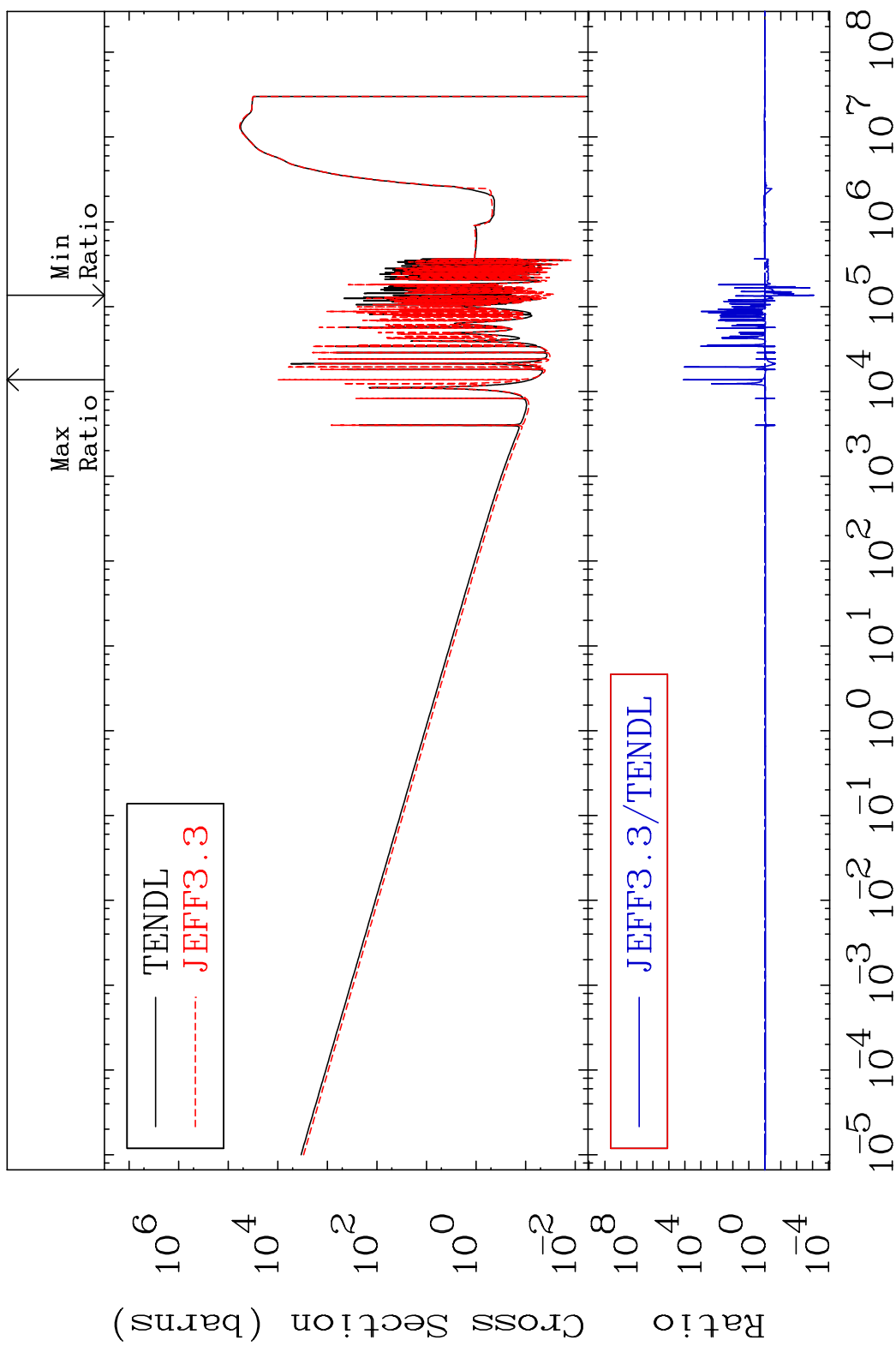
64 Incident Energy (eV) 22-Ti-46

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



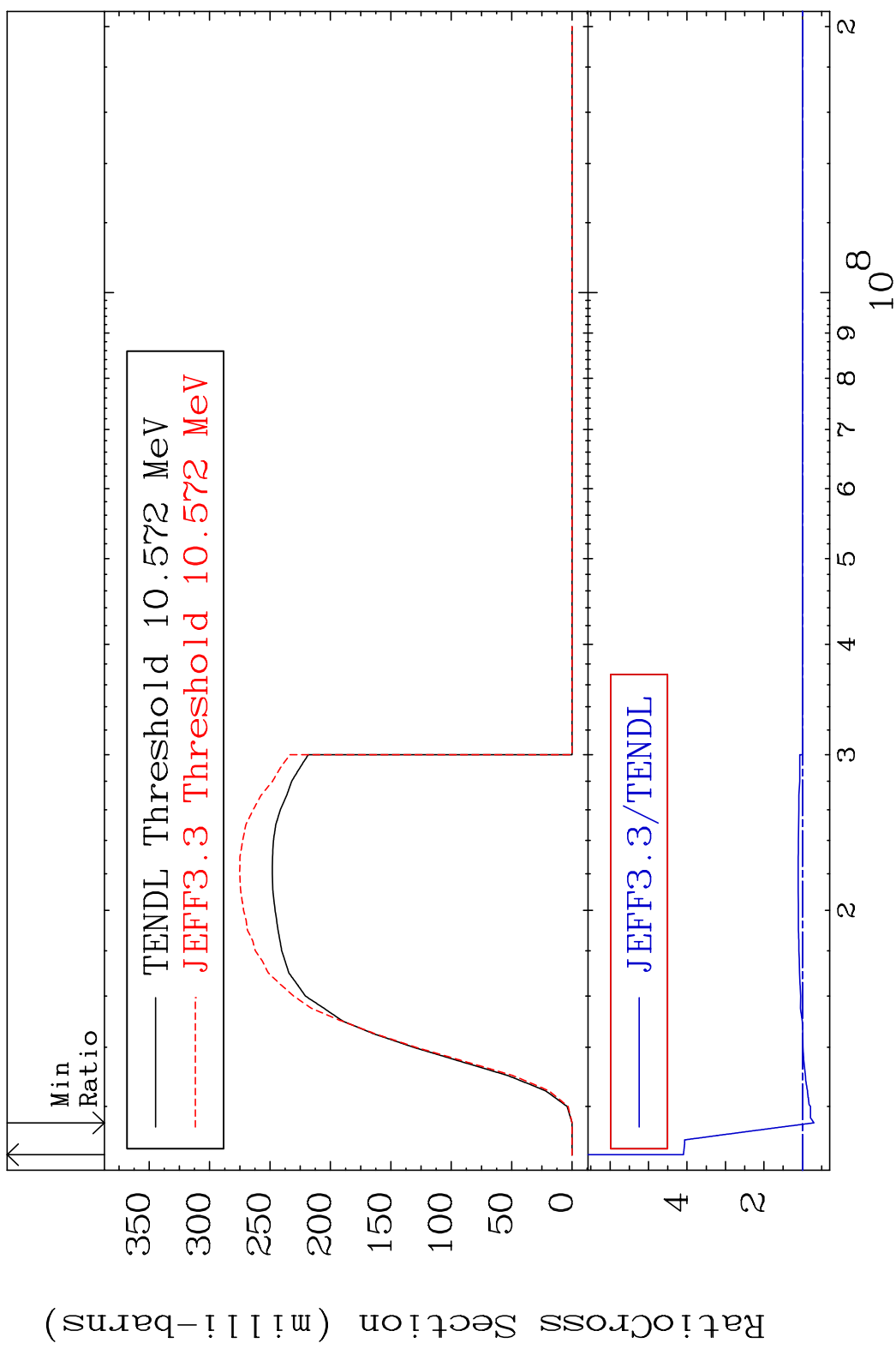
65 Incident Energy (eV) 22-Ti-46

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



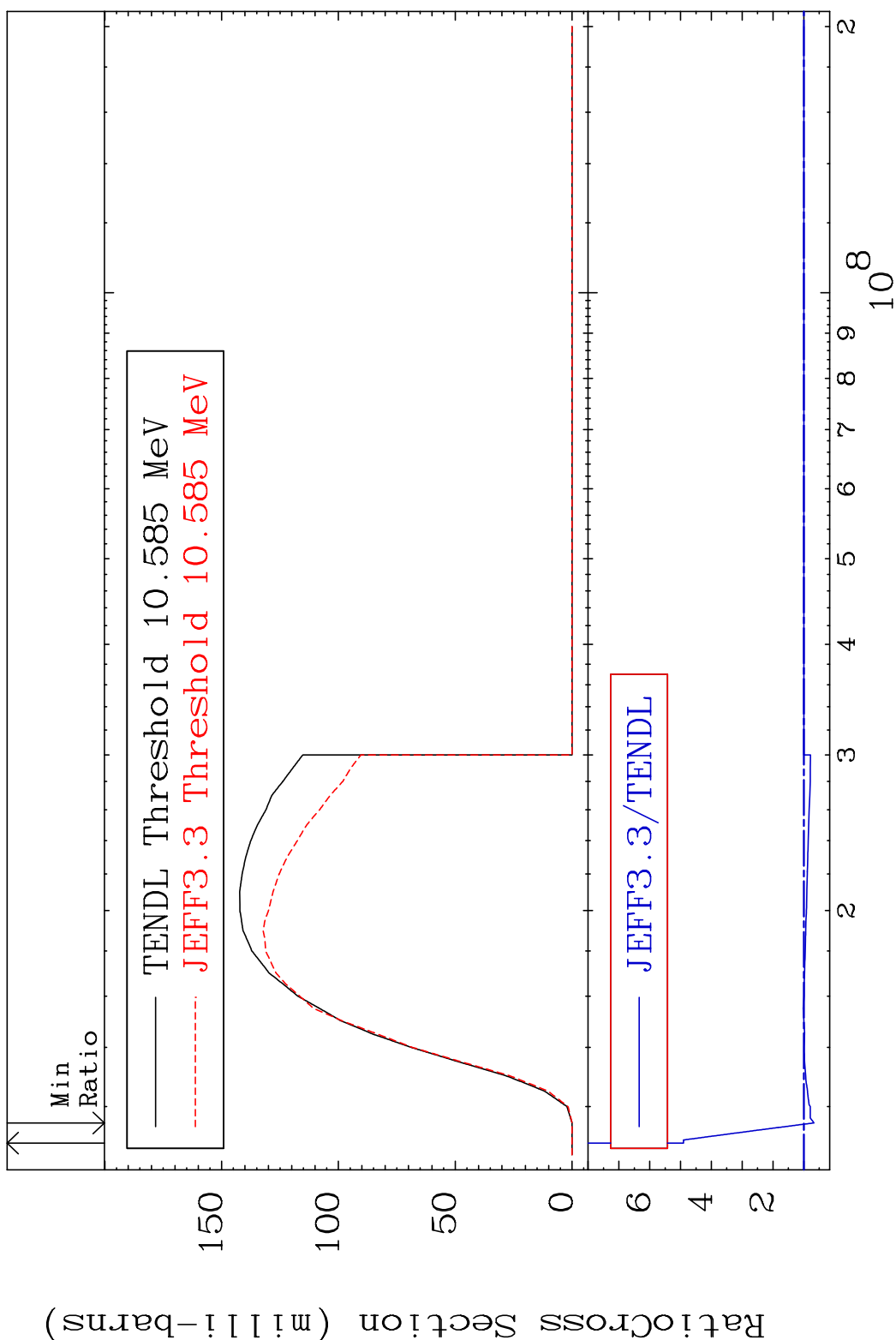
66 Incident Energy (eV) 22-Ti-46

MAT 2225 (n, n') p:21-Sc-45g 22-Ti-46  
 Radionuclide Production Cross Section 309.2 %

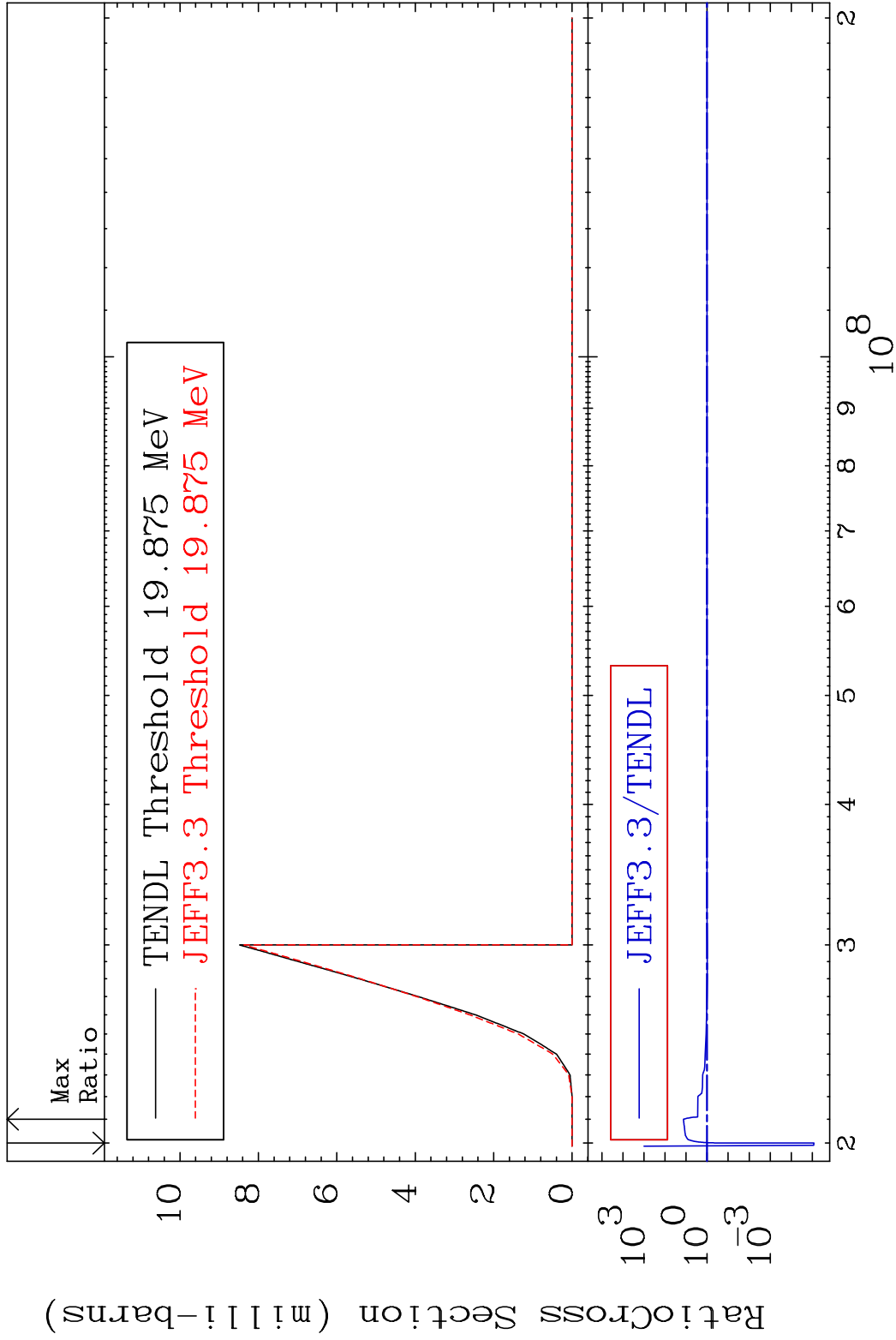


67 22-Ti-46

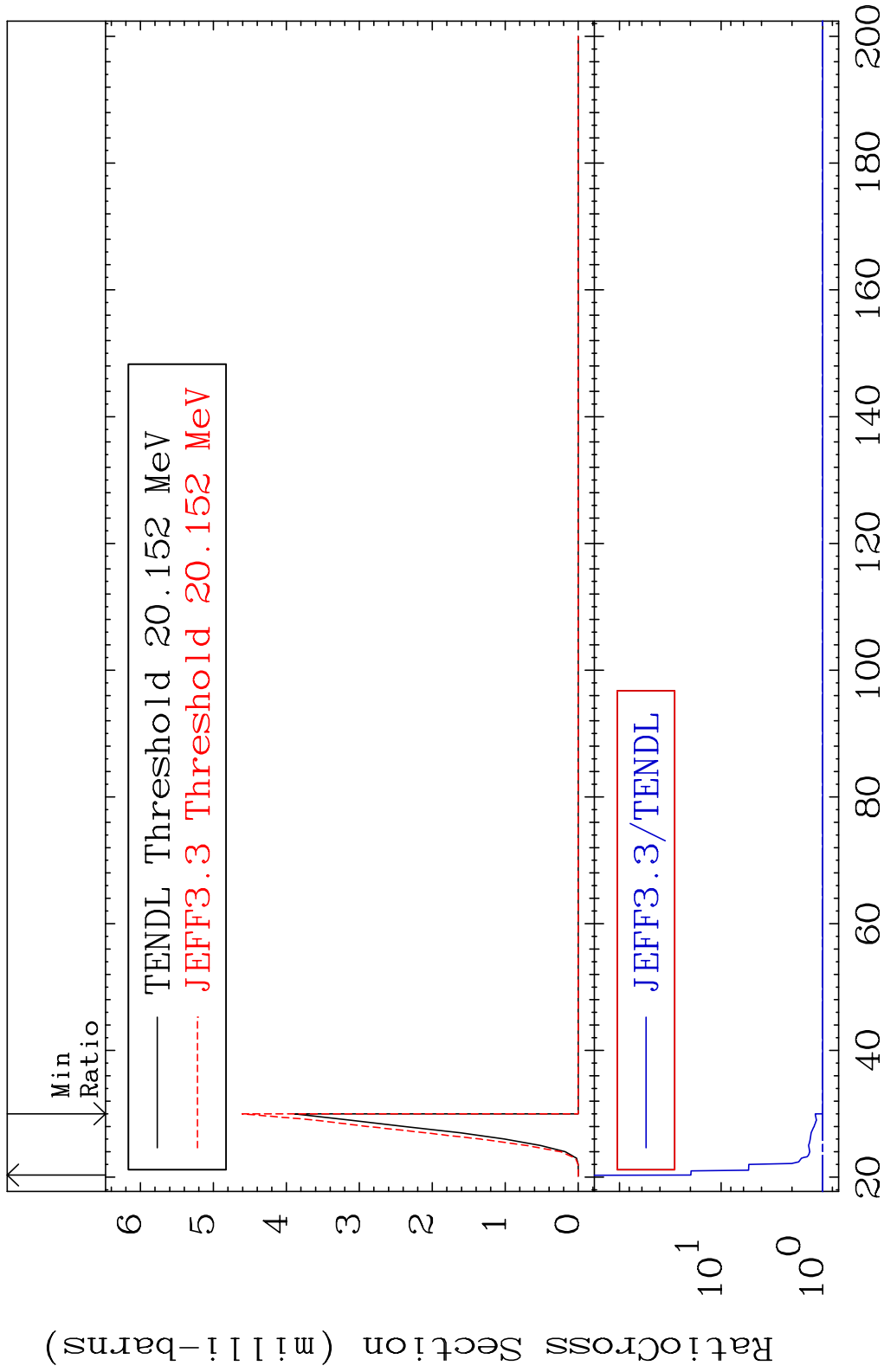
MAT 2225 (n, n') p:21-Sc-45m1 22-Ti-46  
 Radionuclide Production Cross Section 32661 d10 390.6 %



68 22-Ti-46

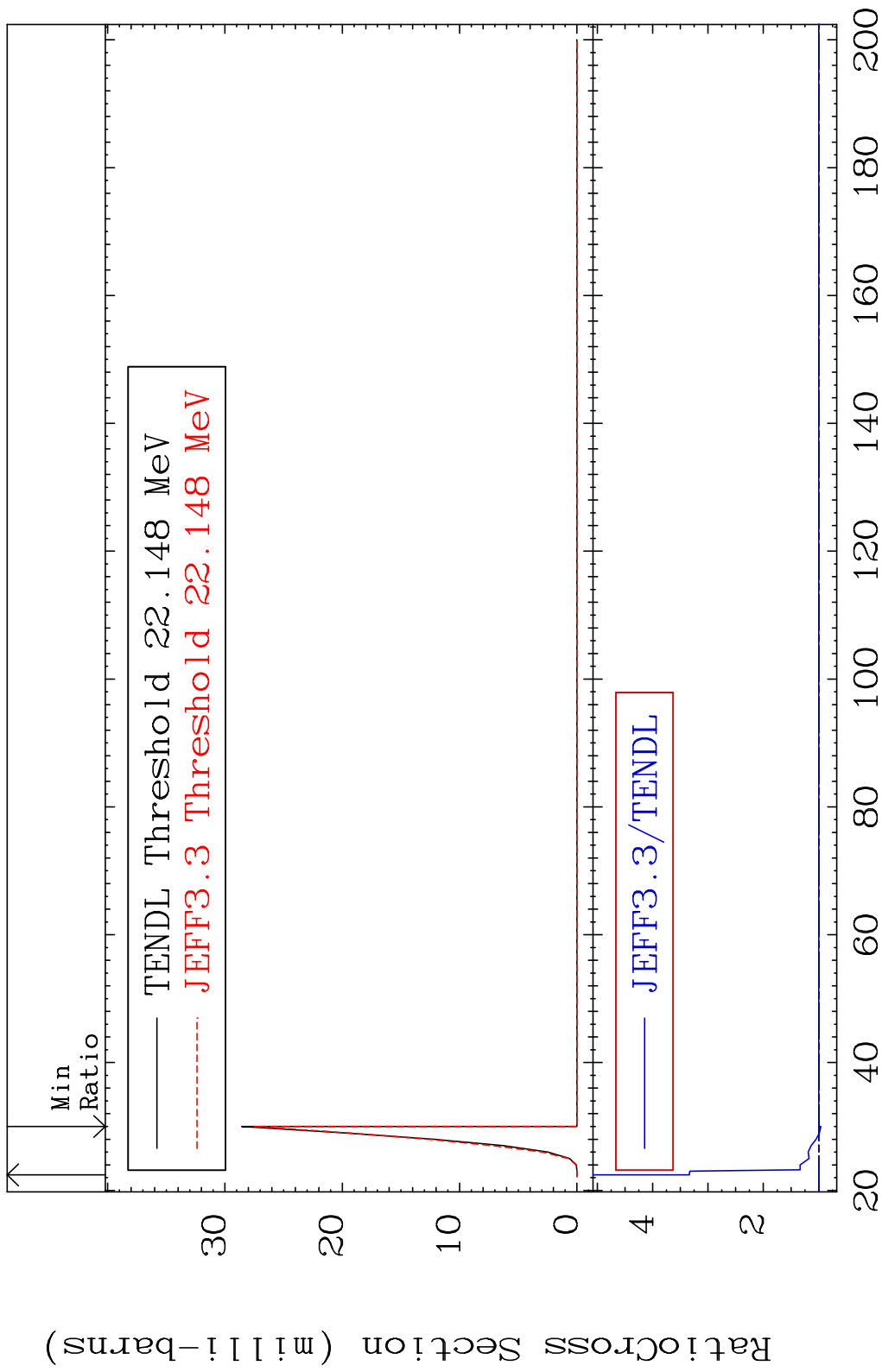


MAT 2225 (n, n') d:21-Sc-44m4 22-Ti-46  
Radionuclide Production Cross Section 1883. %

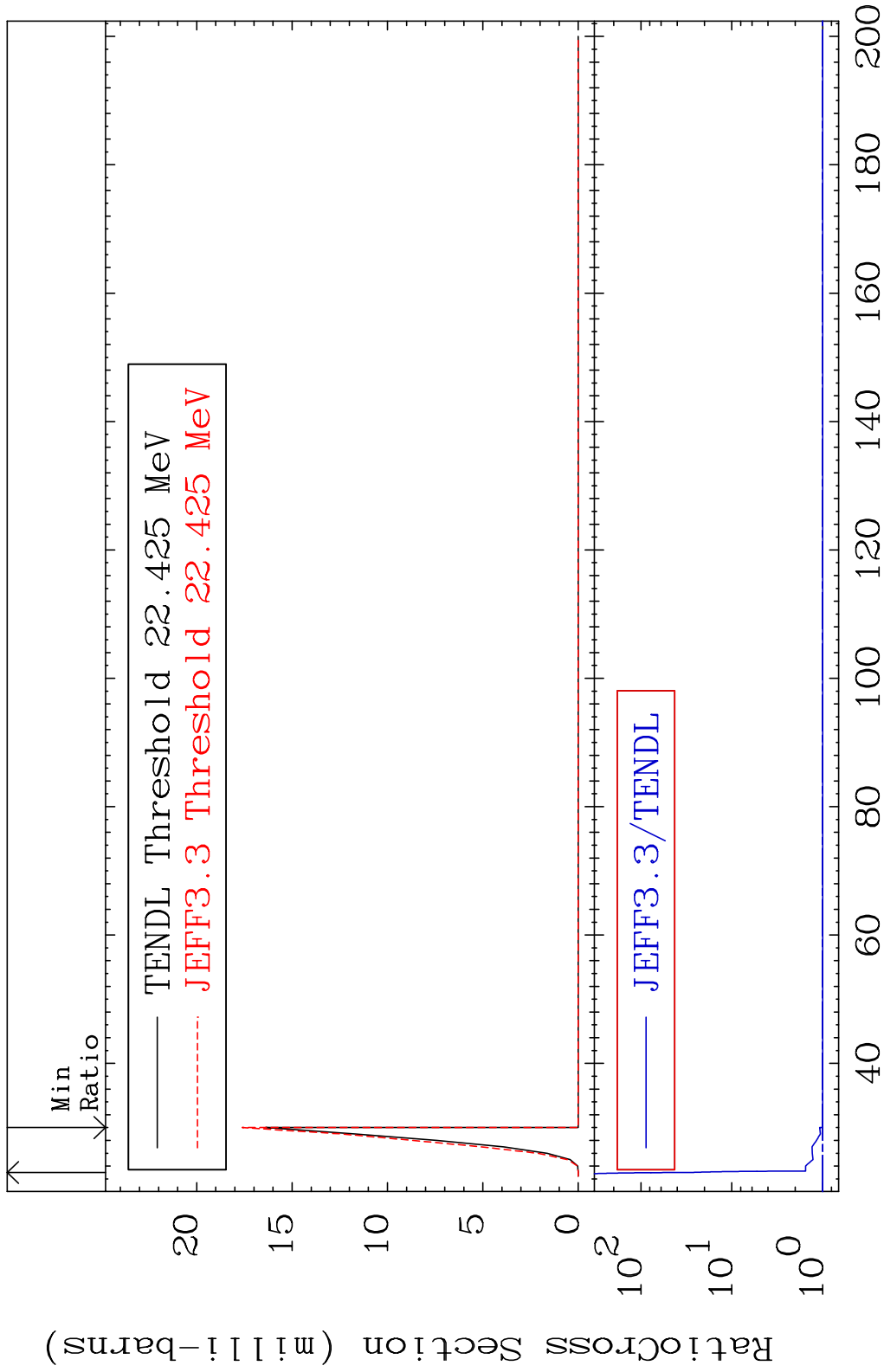


70 Incident Energy (MeV) 22-Ti-46

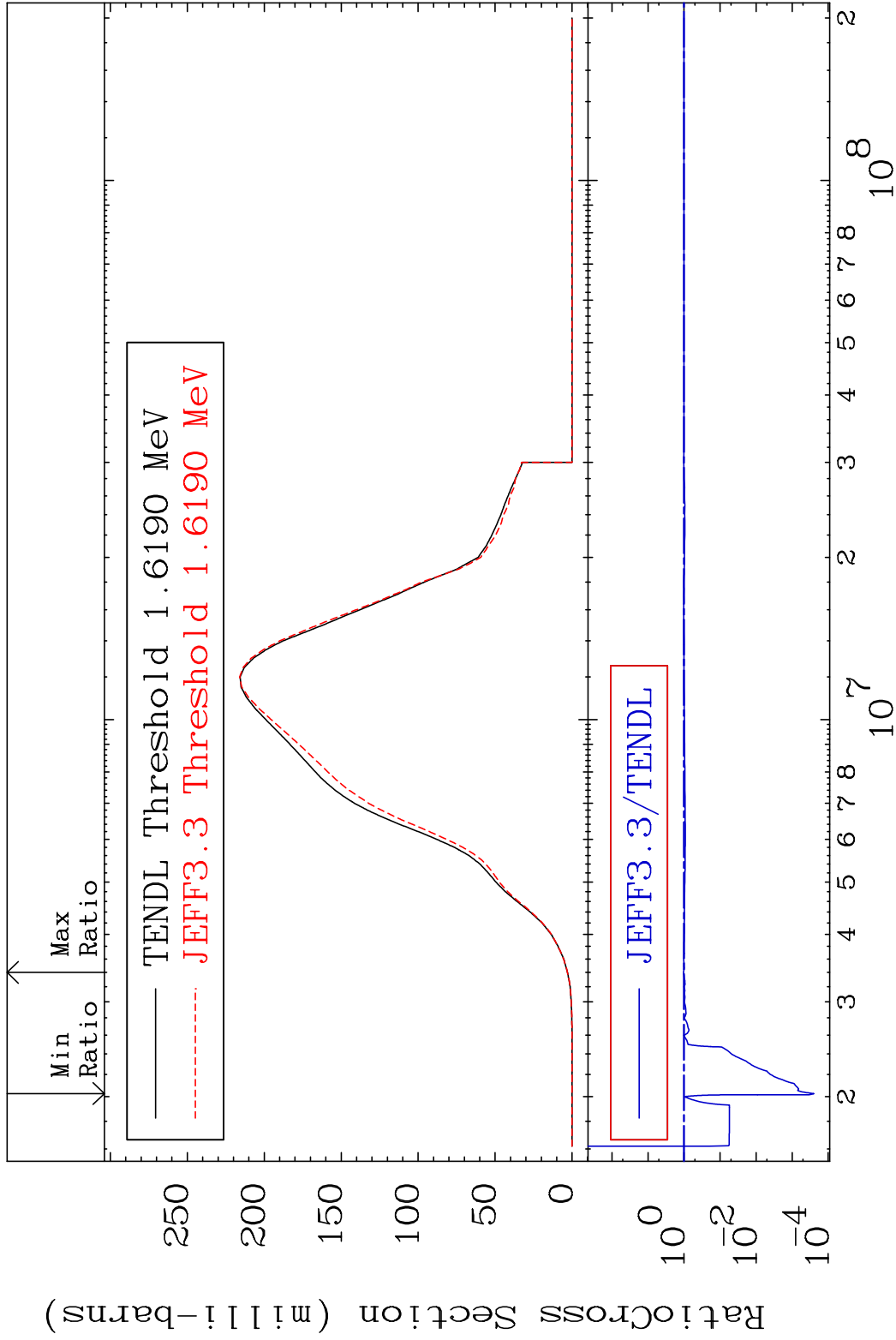
MAT 2225 (n,2n) p:21-Sc-44g 22-Ti-46  
Radionuclide Production Cross Section 233.9 %



71 22-Ti-46

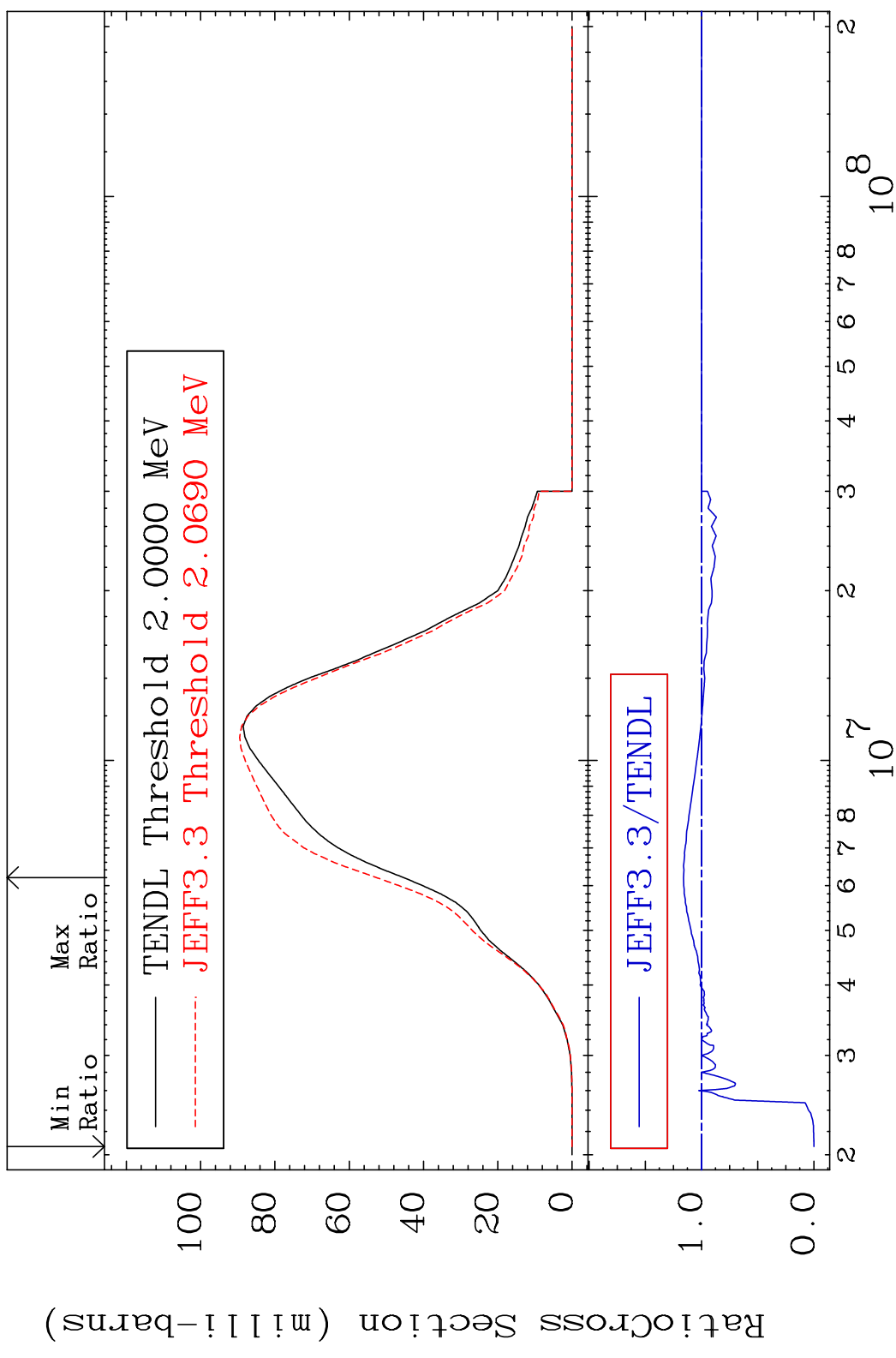


MAT 2225 (n,p):21-Sc-46g 22-Ti-46  
 Radionuclide Production Cross Section 3.707 %



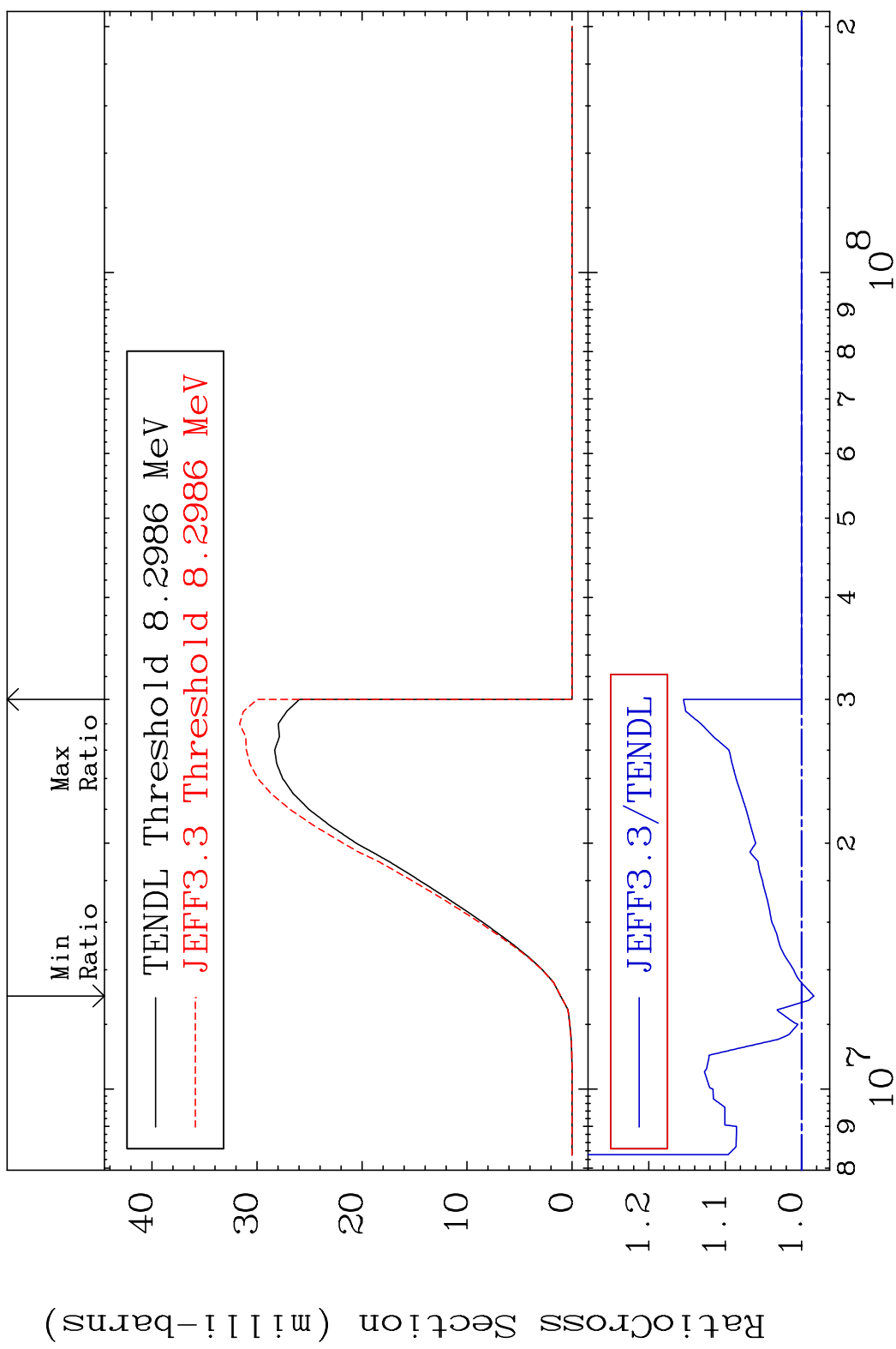
73 Incident Energy (eV) 22-Ti-46

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



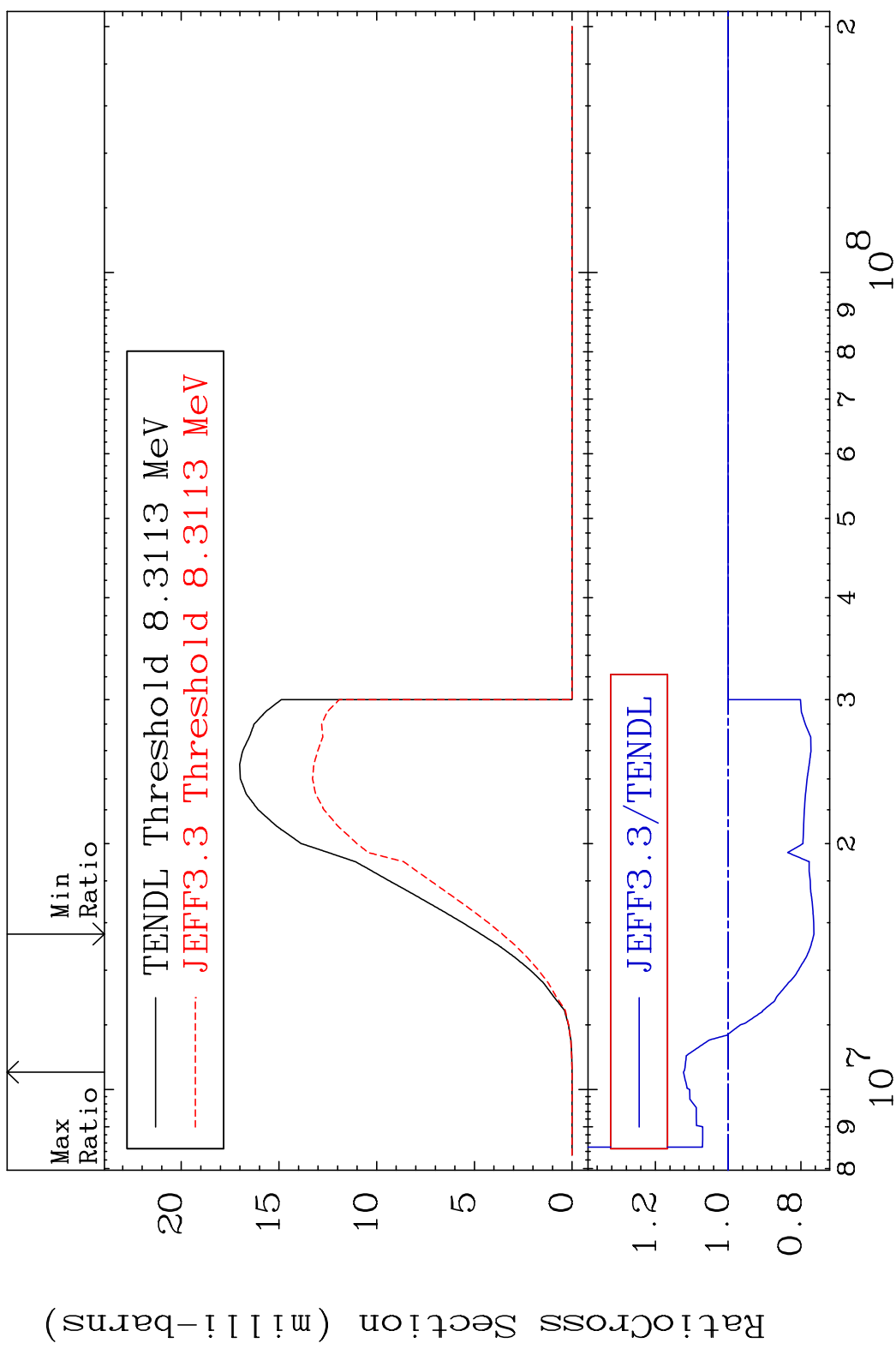
74 22-Ti-46

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

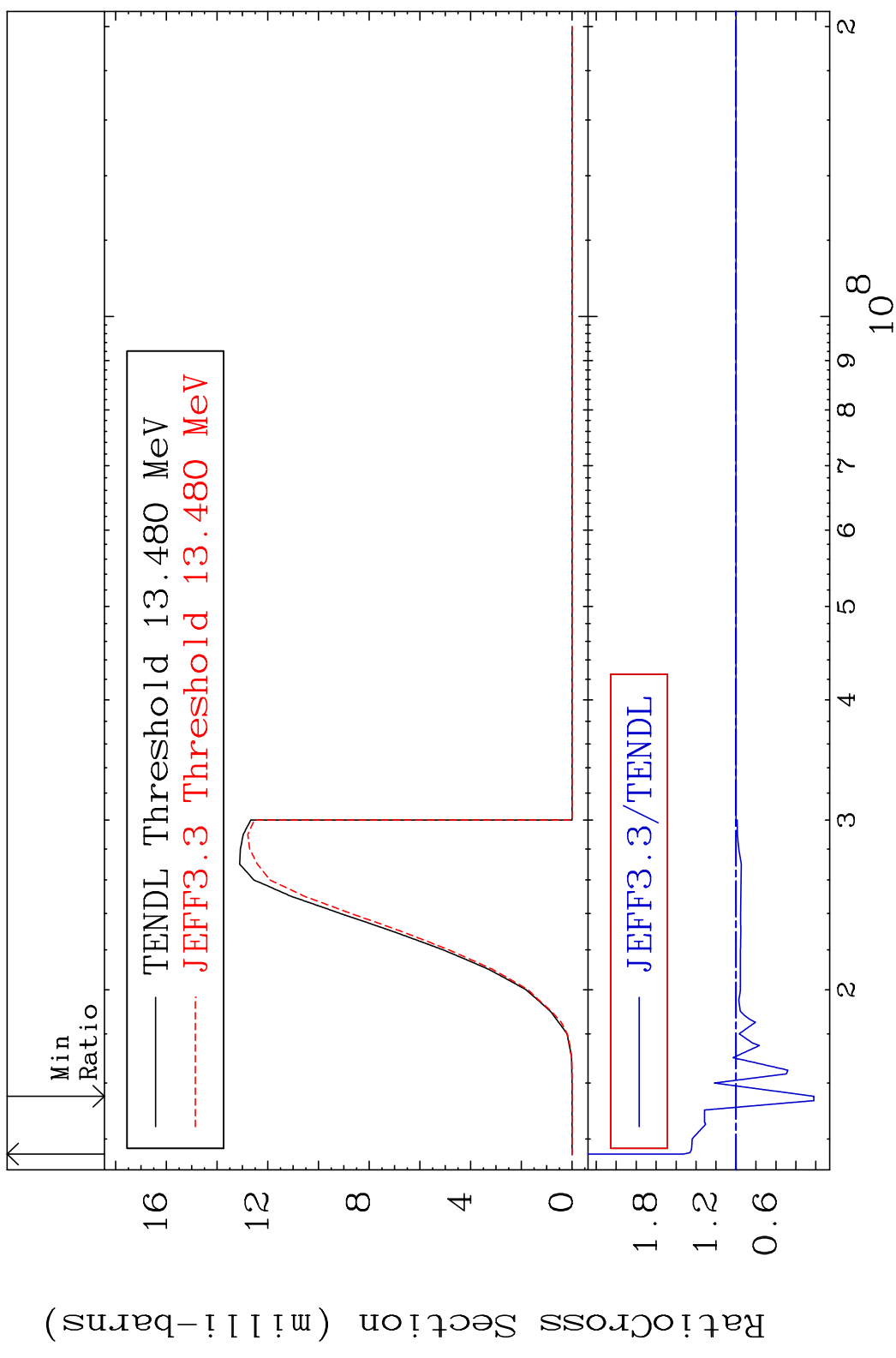


75 22-Ti-46

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 %

