

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

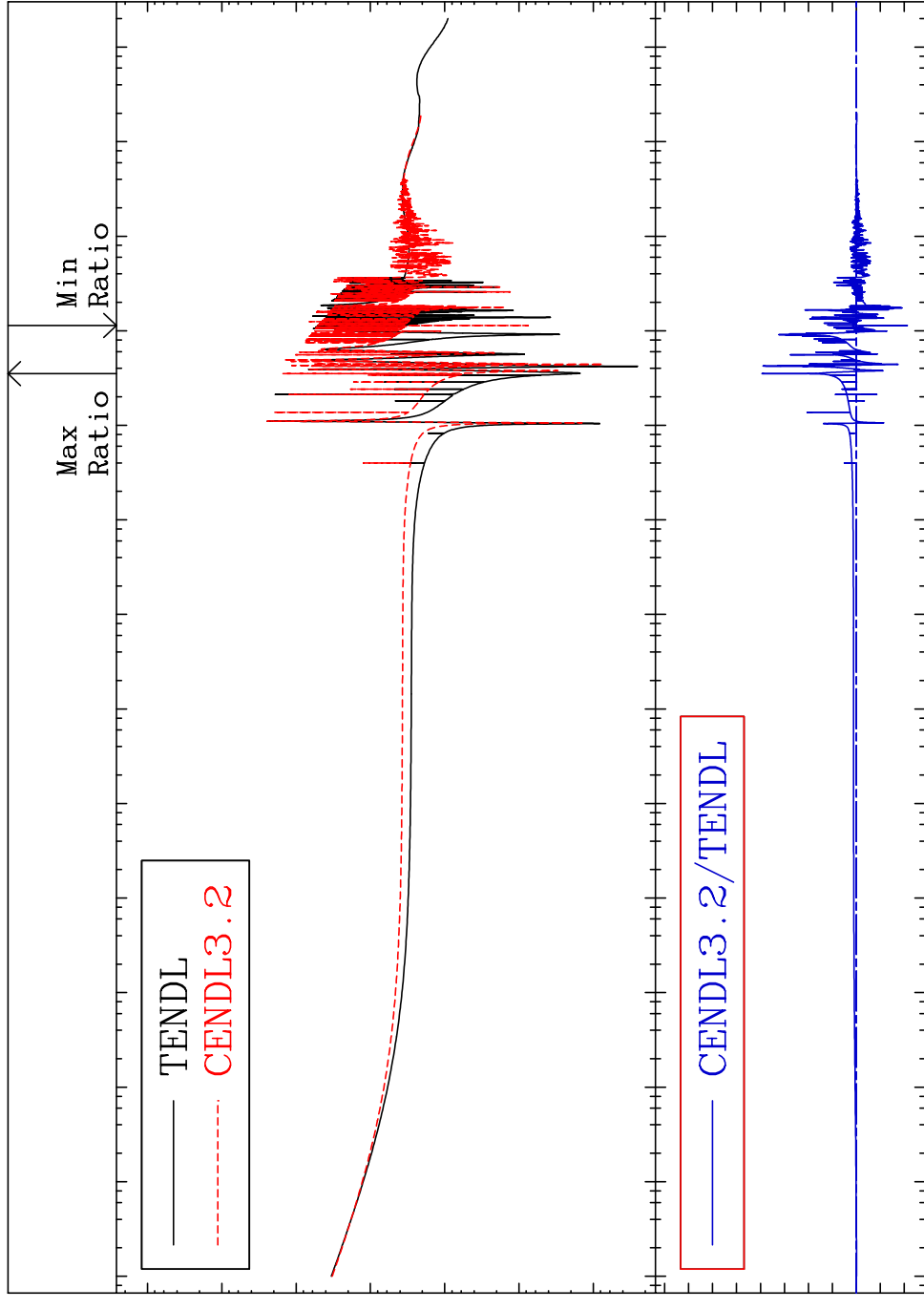
MAT 2225

Total

22-Ti-46

Cross Section

-99.24 To 9999. %



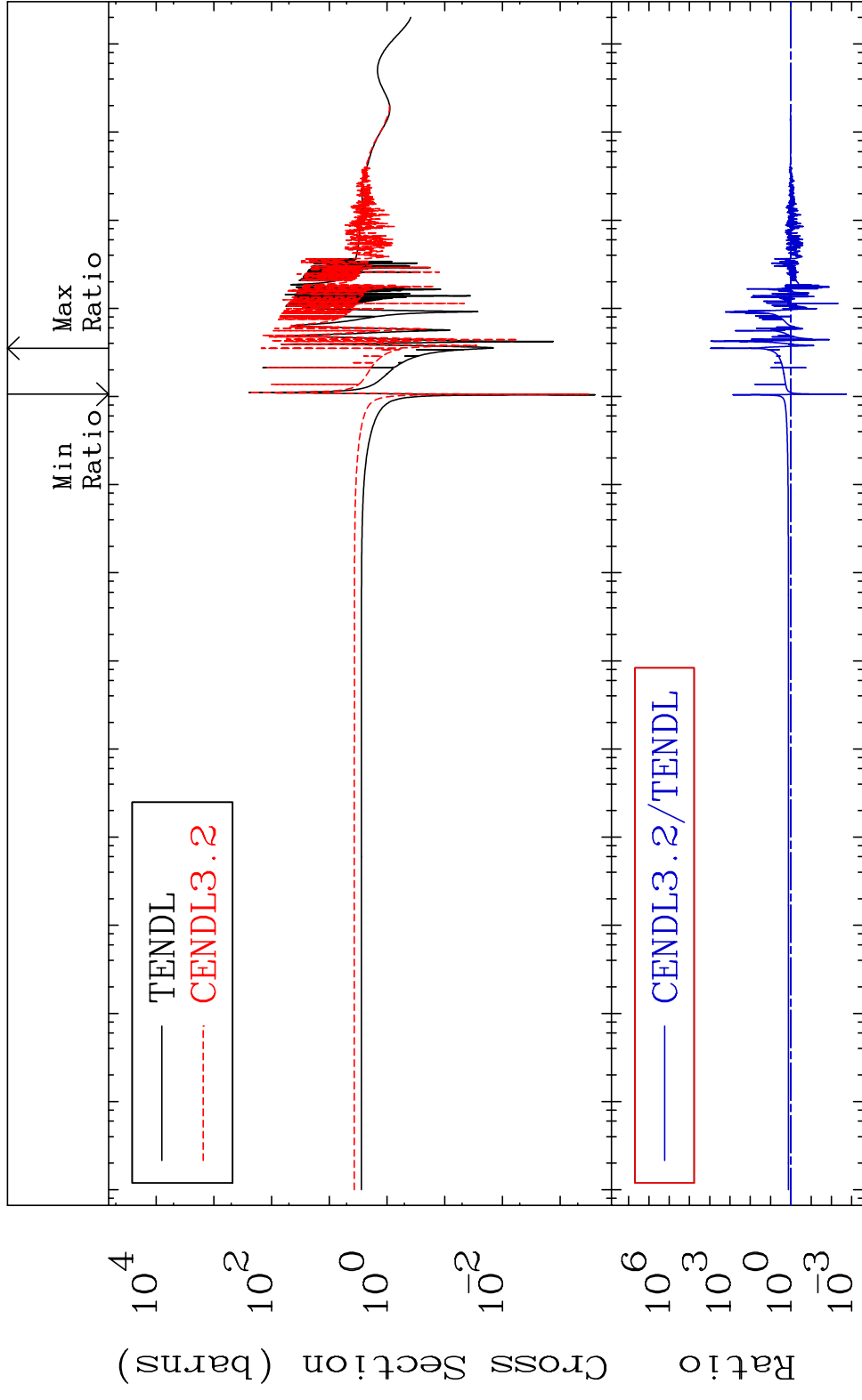
10<sup>3</sup>  
10<sup>2</sup>  
10<sup>1</sup>  
10<sup>0</sup>  
10<sup>-1</sup>  
10<sup>-2</sup>  
10<sup>6</sup>  
10<sup>3</sup>  
10<sup>0</sup>  
10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

1

Incident Energy (eV)

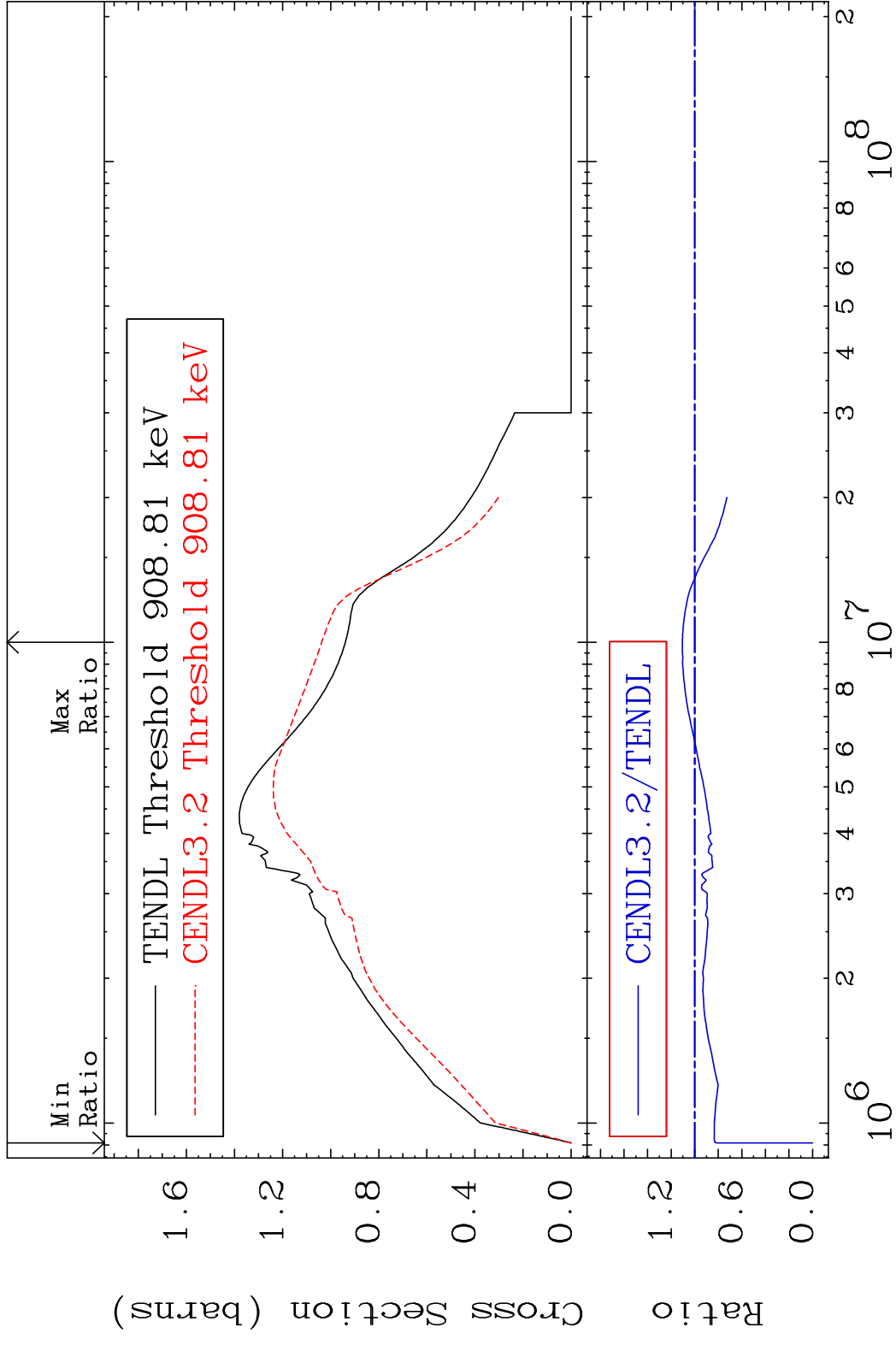
22-Ti-46

MAT 2225 Elastic Cross Section -99.82 To 9999. % 22-Ti-46



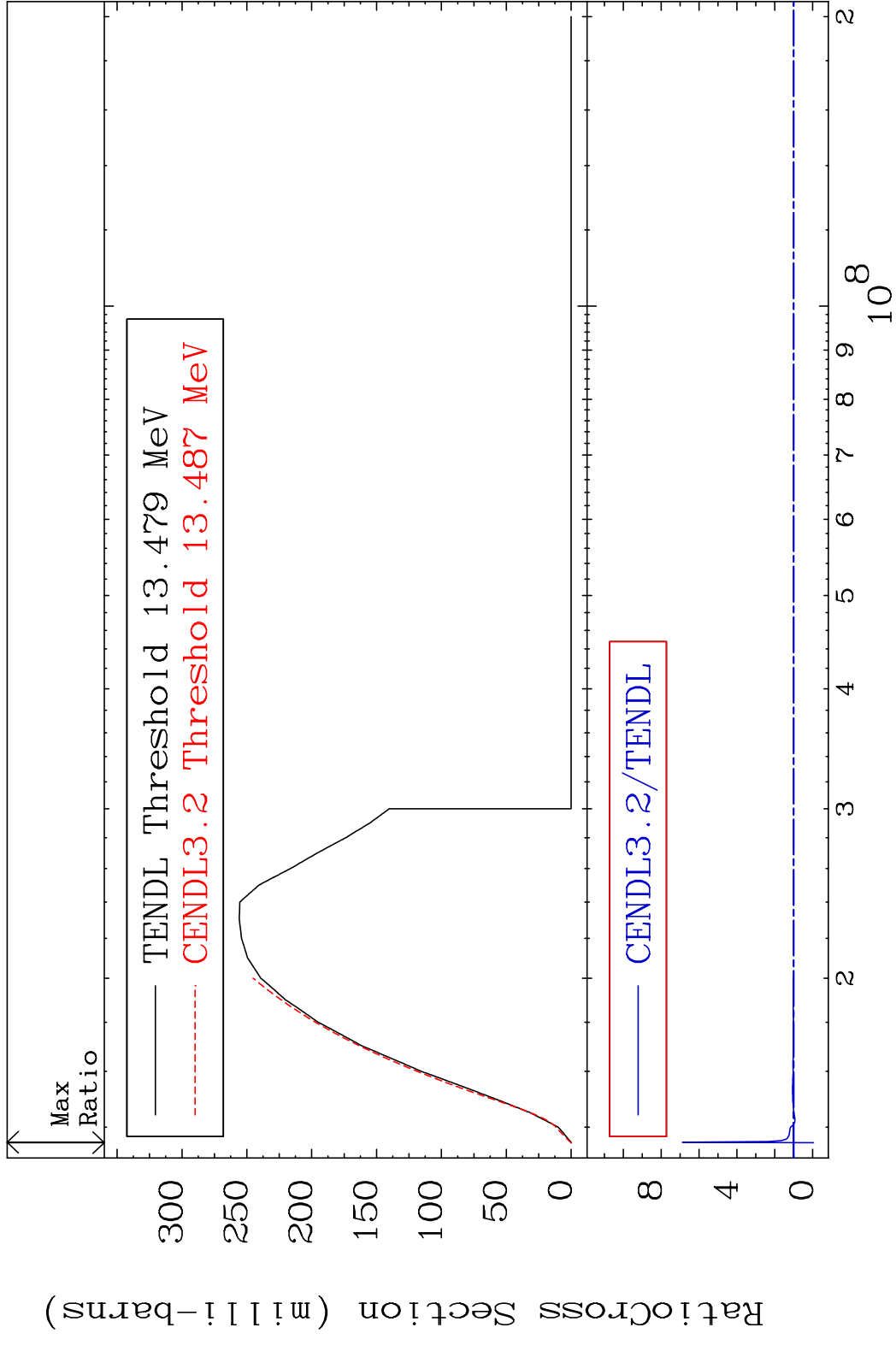
2 Incident Energy (eV) 22-Ti-46

MAT 2225 Inelastic 22-Ti-46  
 Cross Section -100.0 To 10.49 %



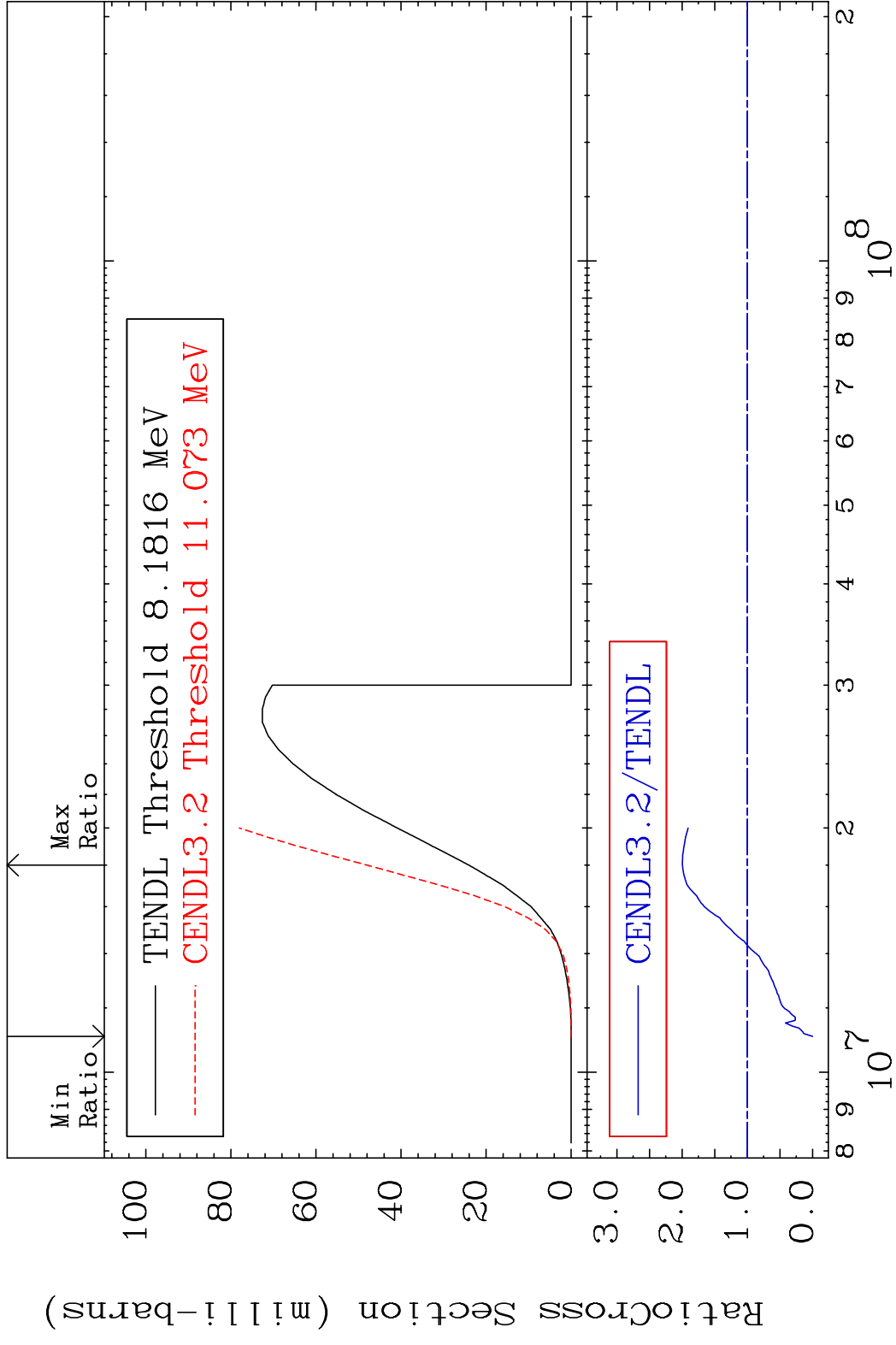
3 Incident Energy (eV) 22-Ti-46

MAT 2225 (n,2n) 22-Ti-46  
 Cross Section -100.0 To 588.4 %

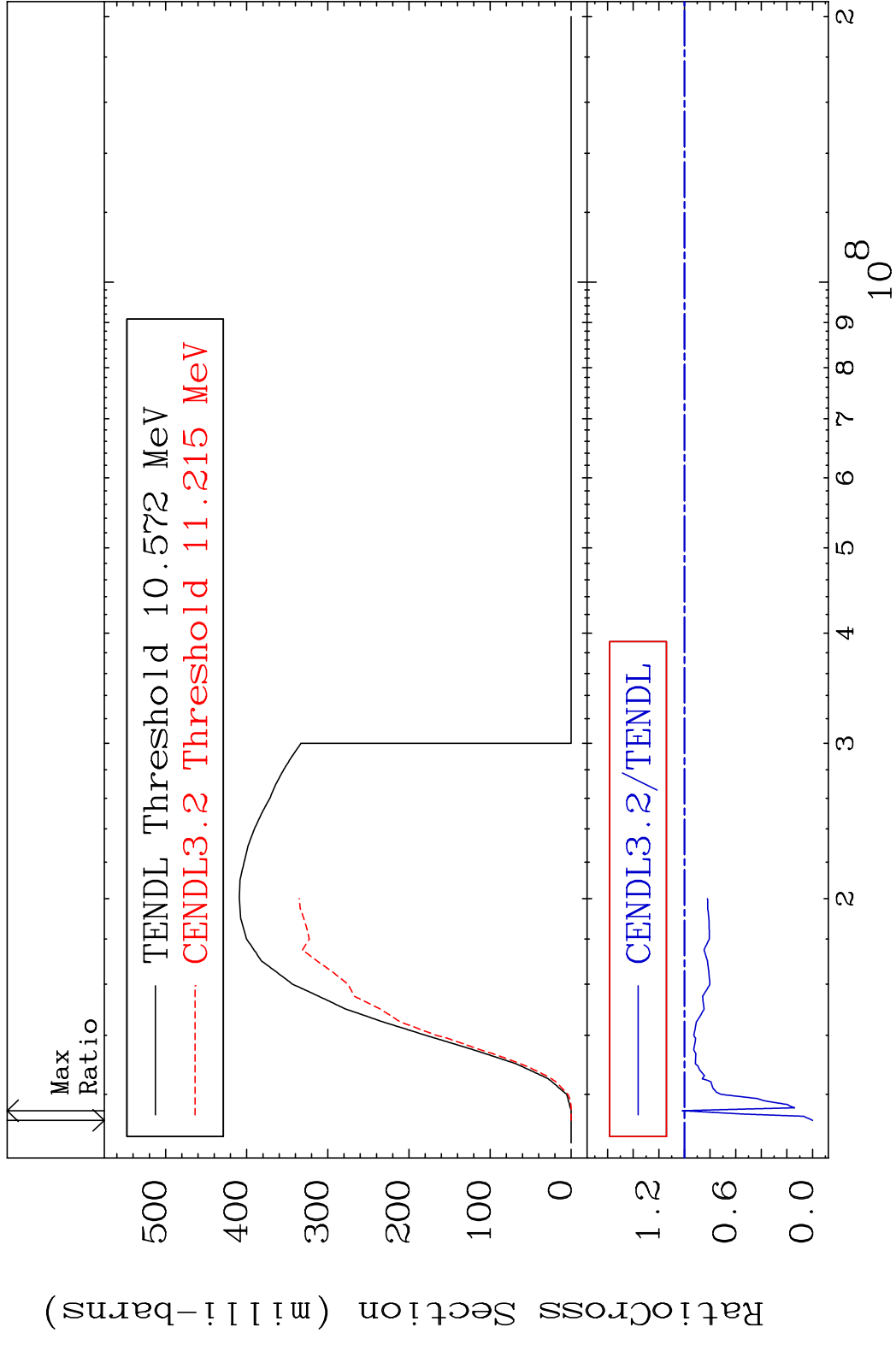


4 22-Ti-46

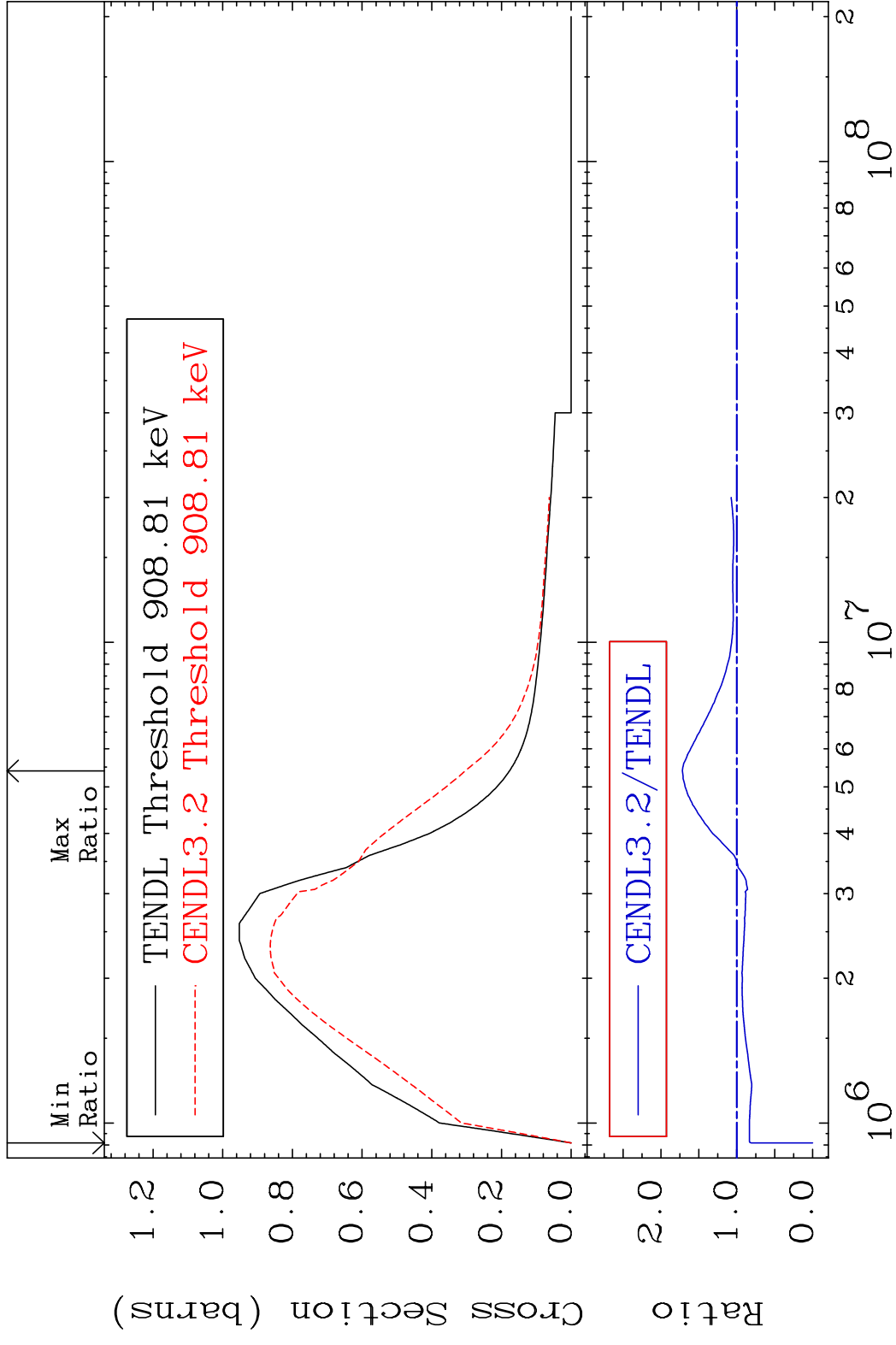
MAT 2225 (n, n')  $\alpha$  22-Ti-46  
 Cross Section -100.0 To 99.64 %



MAT 2225 (n, n') p 22-Ti-46  
 Cross Section -100.0 To 1.647 %



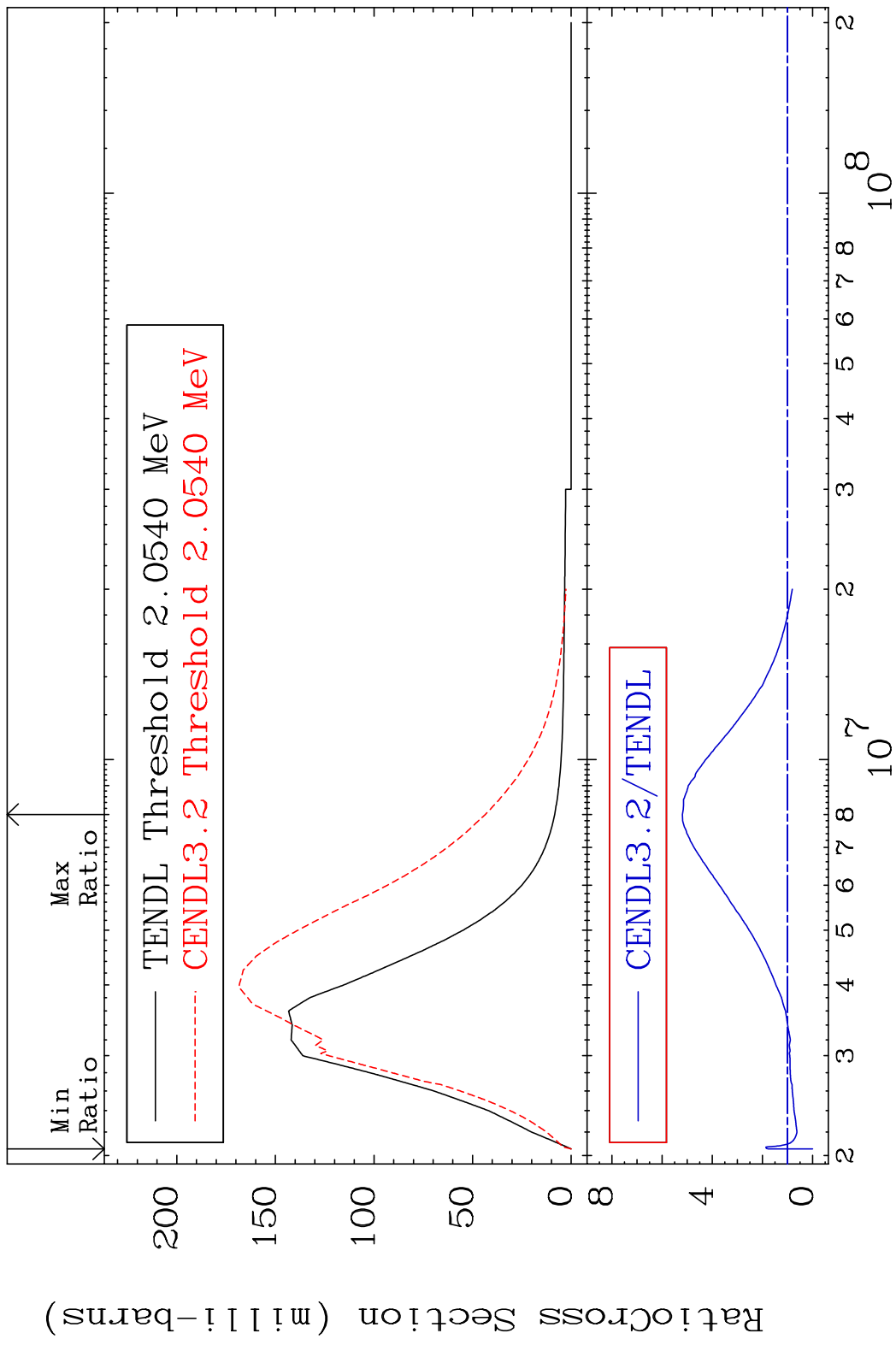
MAT 2225 MT= 51 (n, n') Level 22-Ti-46  
 Cross Section -100.0 To 71.81 %



7 Incident Energy (eV) 22-Ti-46

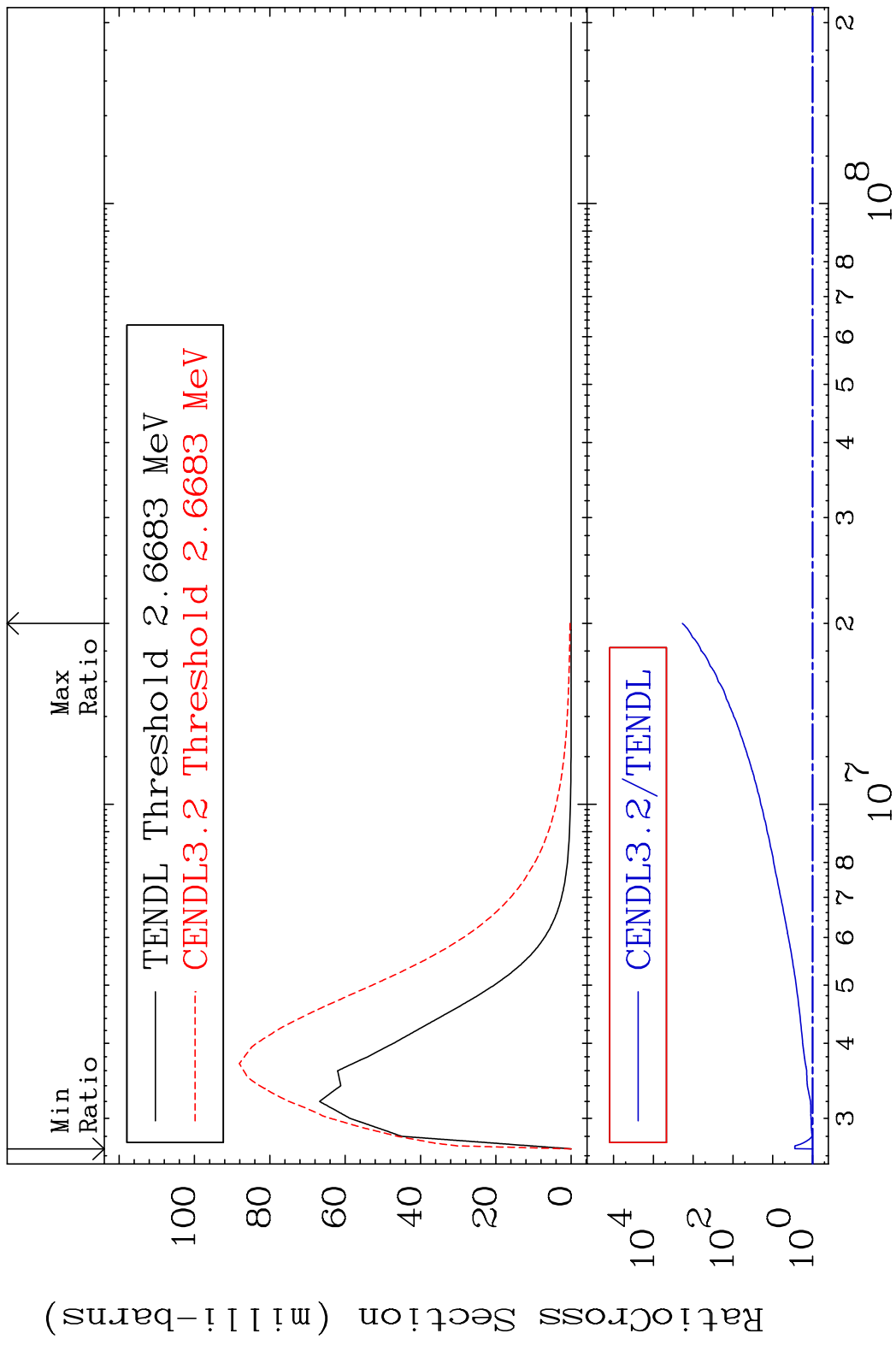


MAT 2225 MT= 52 (n,n') Level 22-Ti-46  
 Cross Section -100.0 To 418.9 %

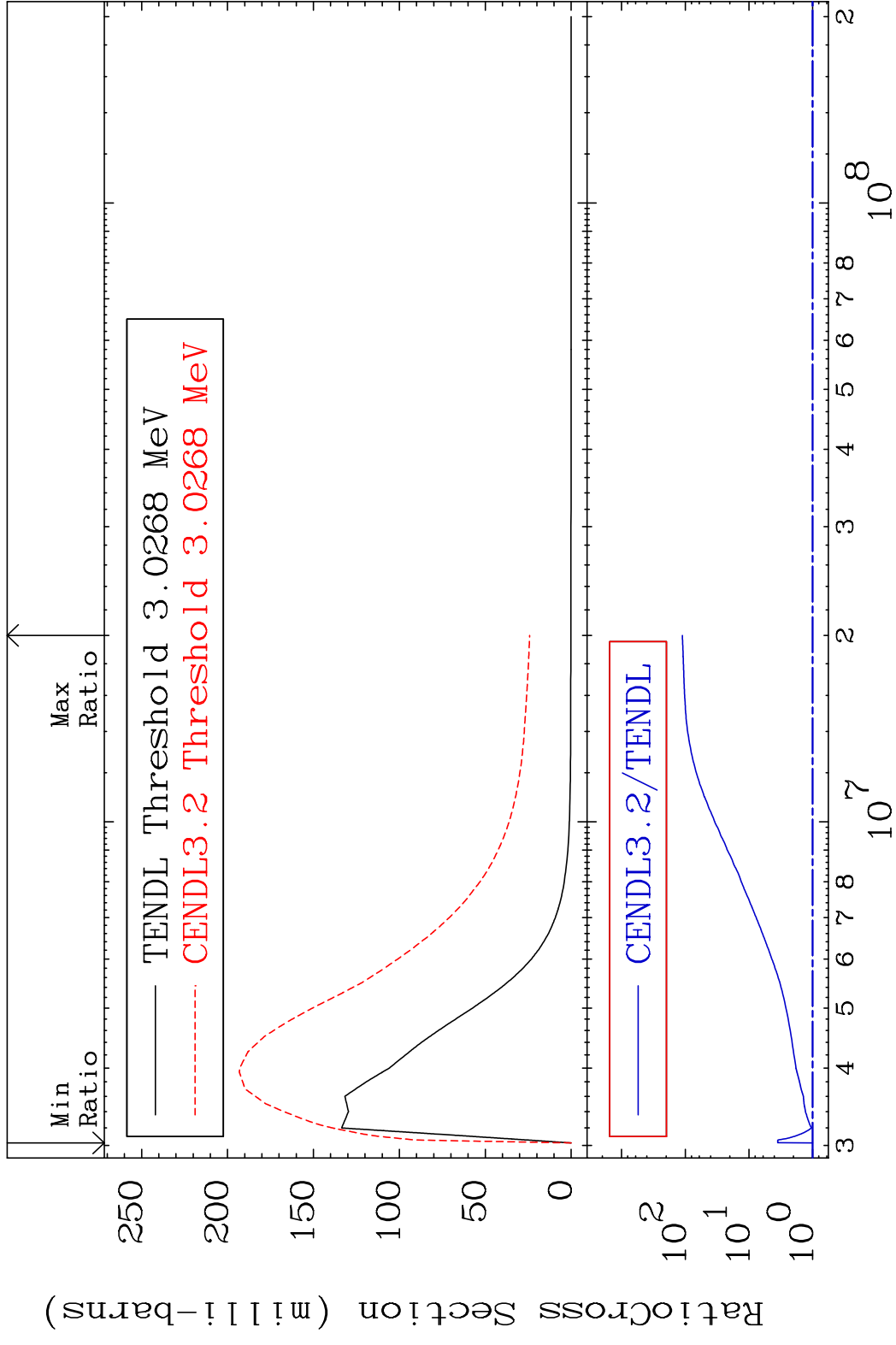


8 8 Incident Energy (eV) 22-Ti-46

MAT 2225 MT= 53 (n,n') Level 22-Ti-46  
 Cross Section 0.000 To 9999. %

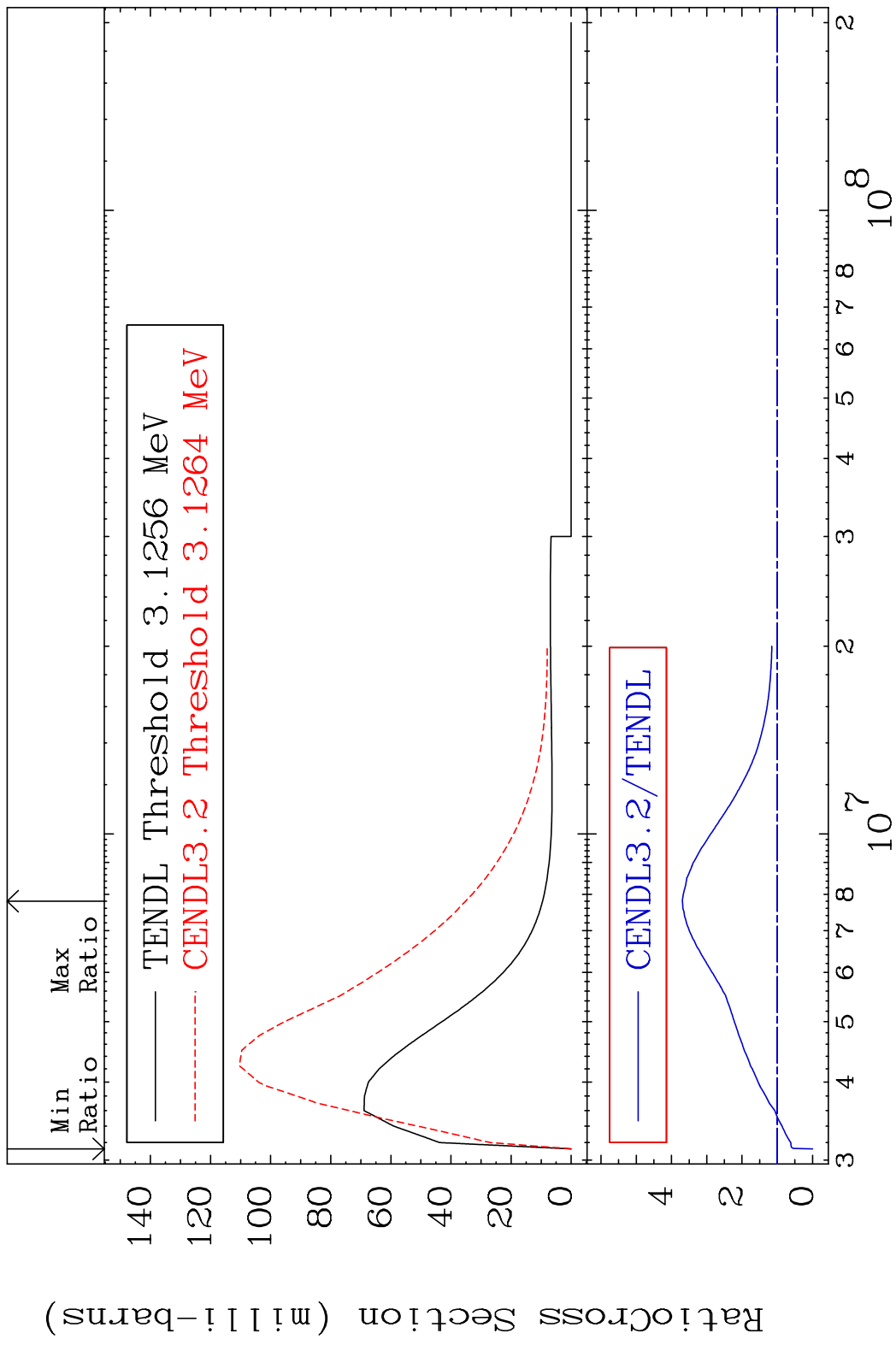


MAT 2225 MT= 54 (n,n') Level 22-Ti-46  
 Cross Section 0.000 To 9999. %



10 Incident Energy (eV) 22-Ti-46

MAT 2225 MT= 55 (n,n') Level 22-Ti-46  
 Cross Section -100.0 To 269.2 %

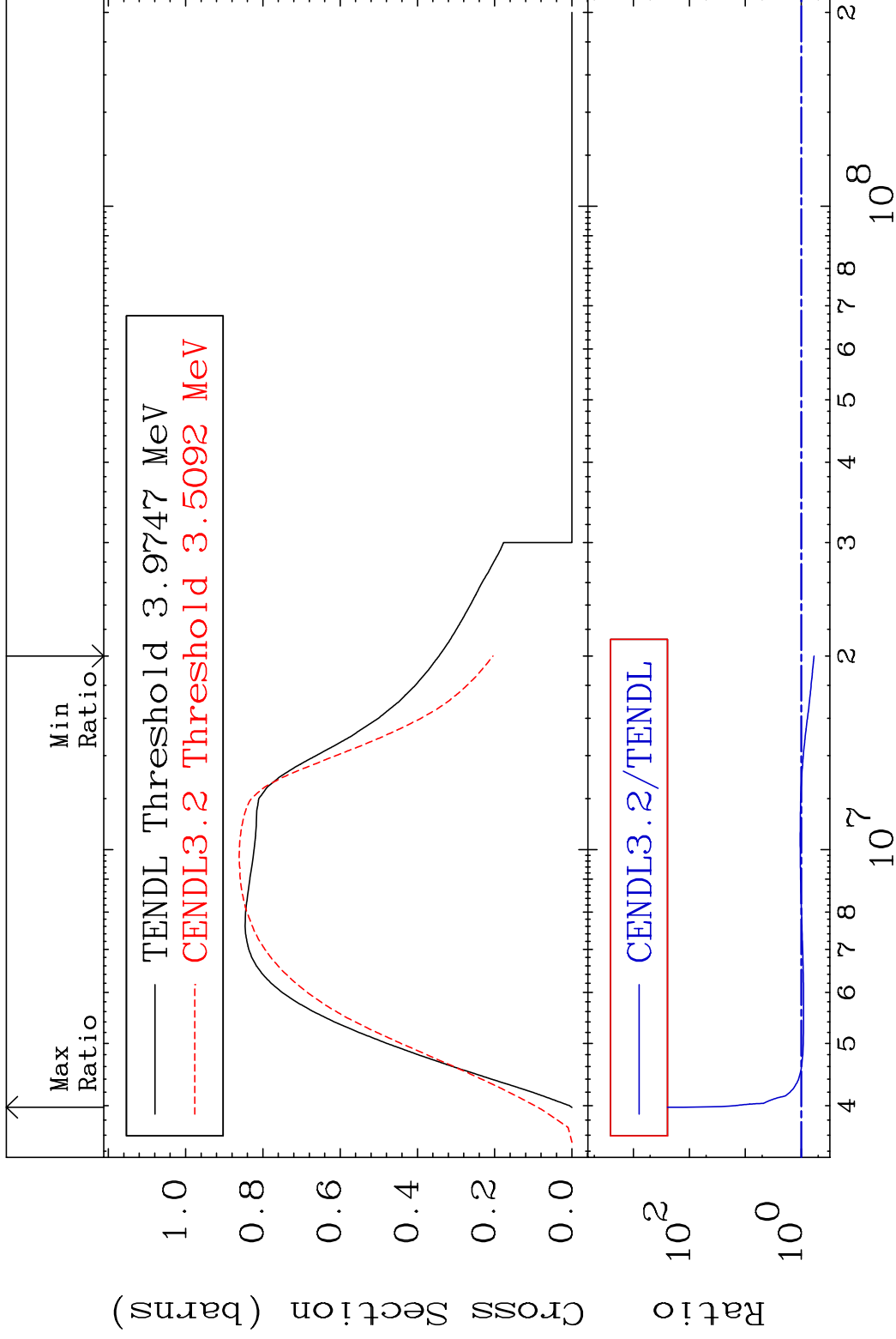


MAT 2225

(n,n') Continuum

22-Ti-46

Cross Section -40.60 To 9999. %



12

Incident Energy (eV)

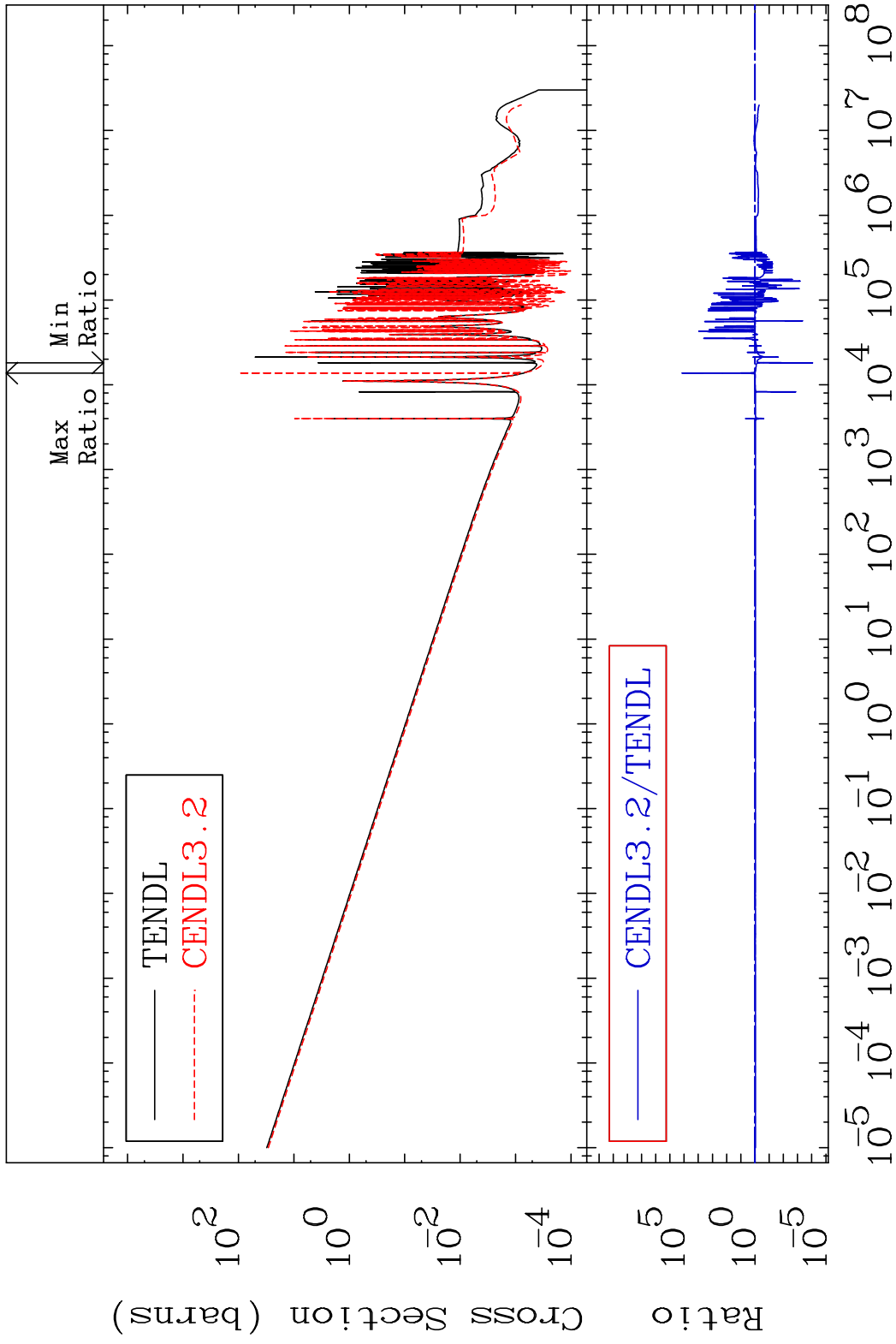
22-Ti-46

MAT 2225

(n,  $\gamma$ )

22-Ti-46

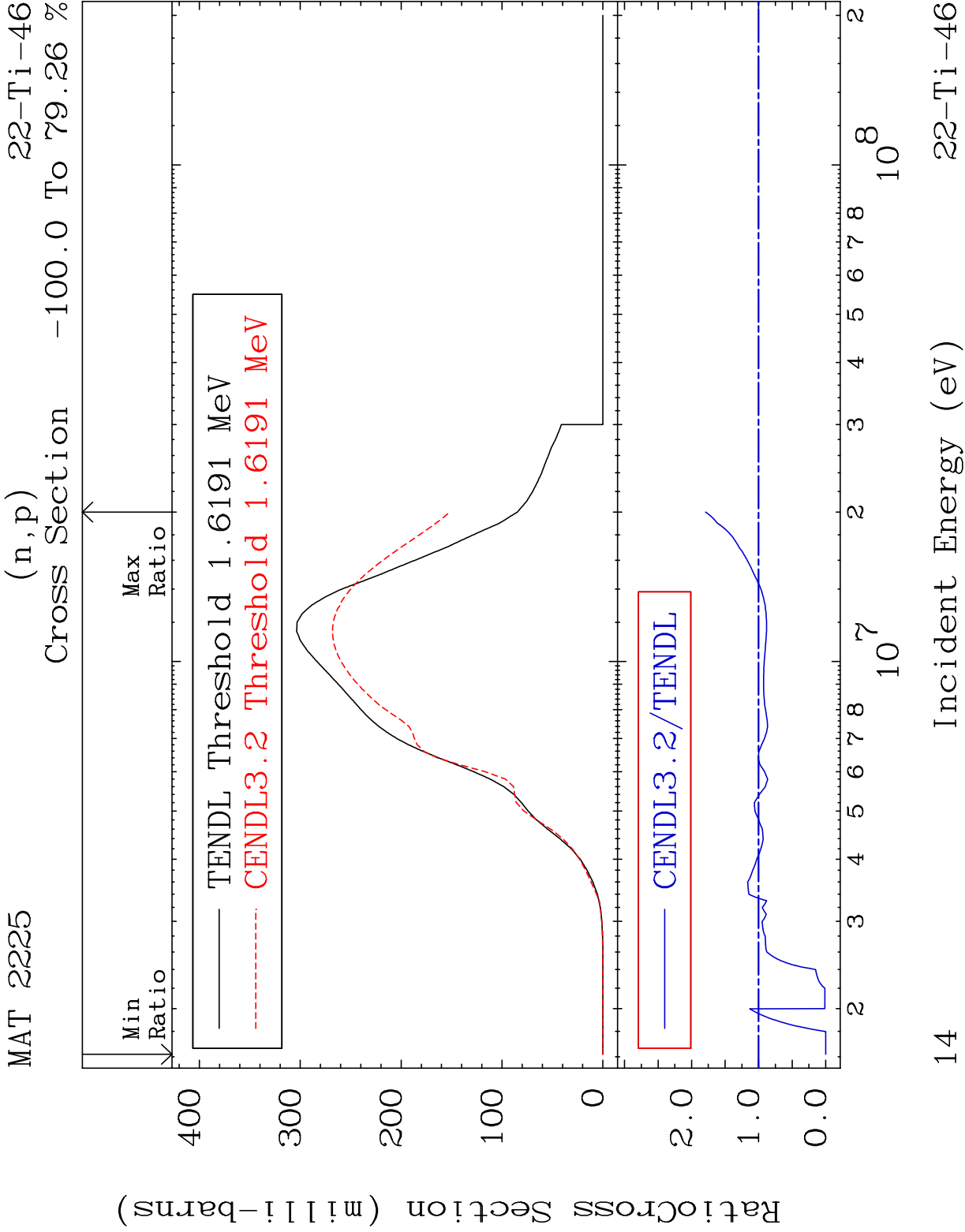
Cross Section -99.99 To 9999. %



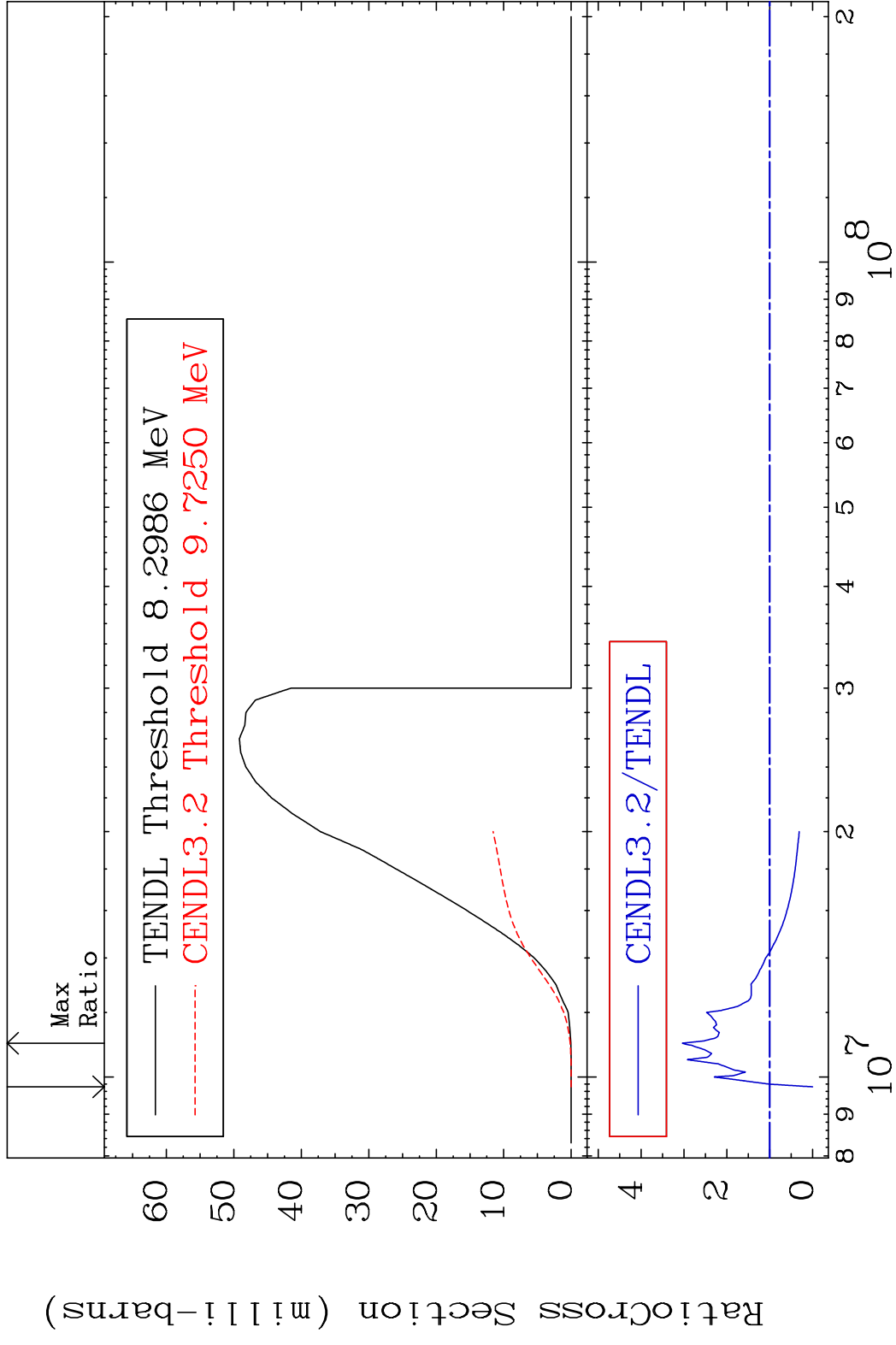
13

Incident Energy (eV)

22-Ti-46



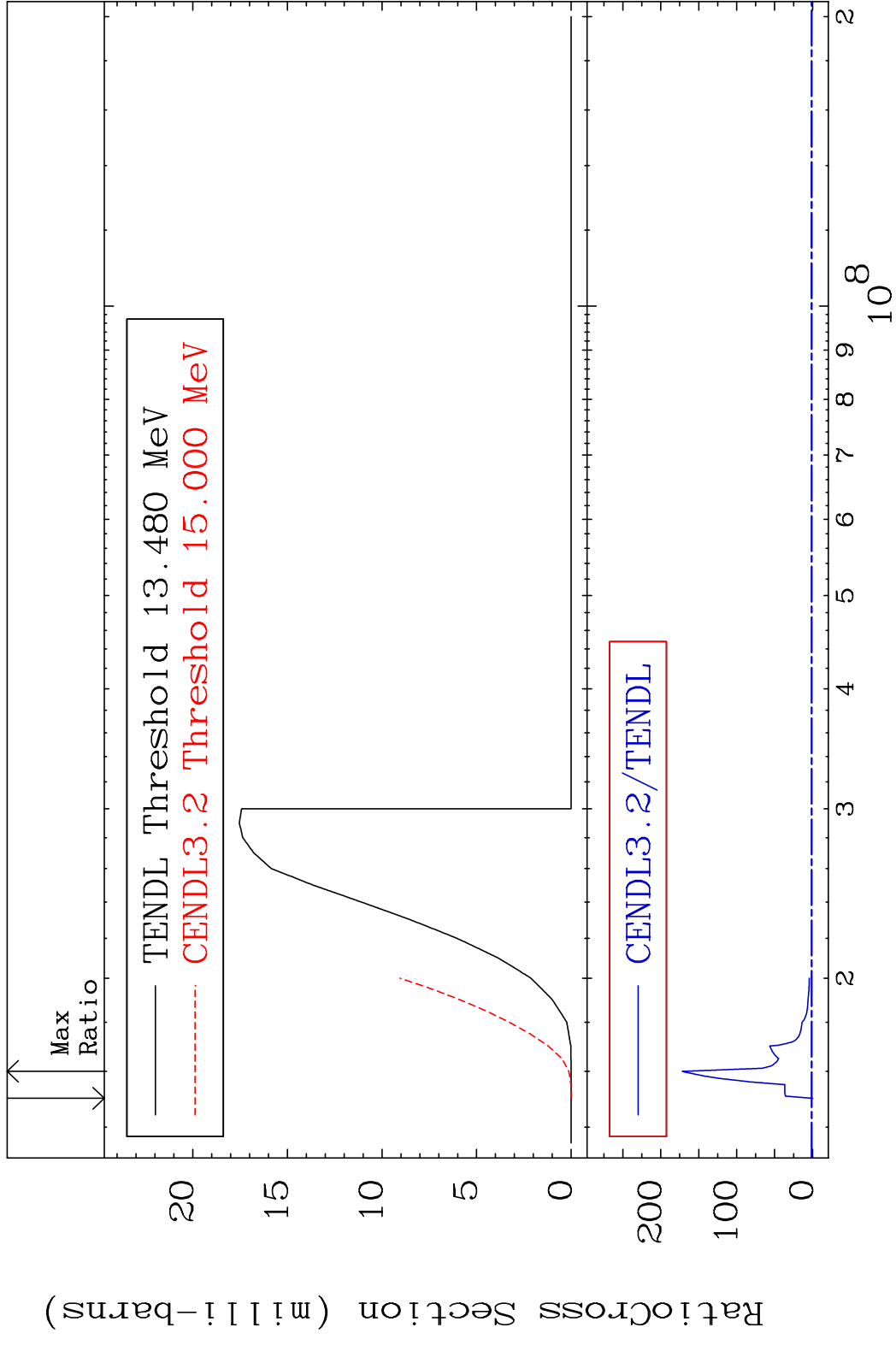
MAT 2225 (n,d) 22-Ti-46  
 Cross Section -100.0 To 203.8 %



15 Incident Energy (eV) 22-Ti-46



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



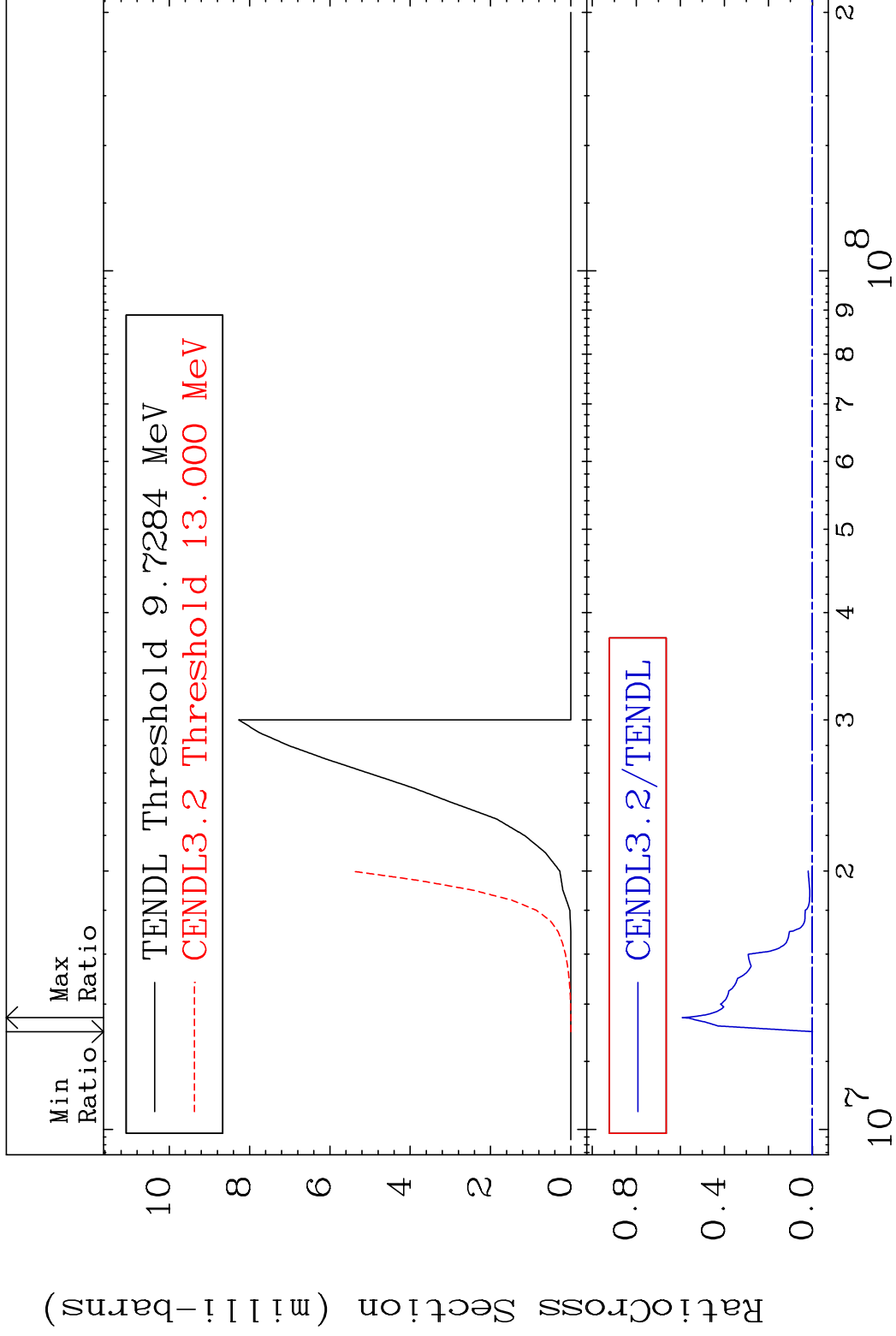
16 Incident Energy (eV) 22-Ti-46

MAT 2225

(n, He-3)

<sup>22</sup>Ti-46

Cross Section -100.0 To 9999. %



17

Incident Energy (eV)

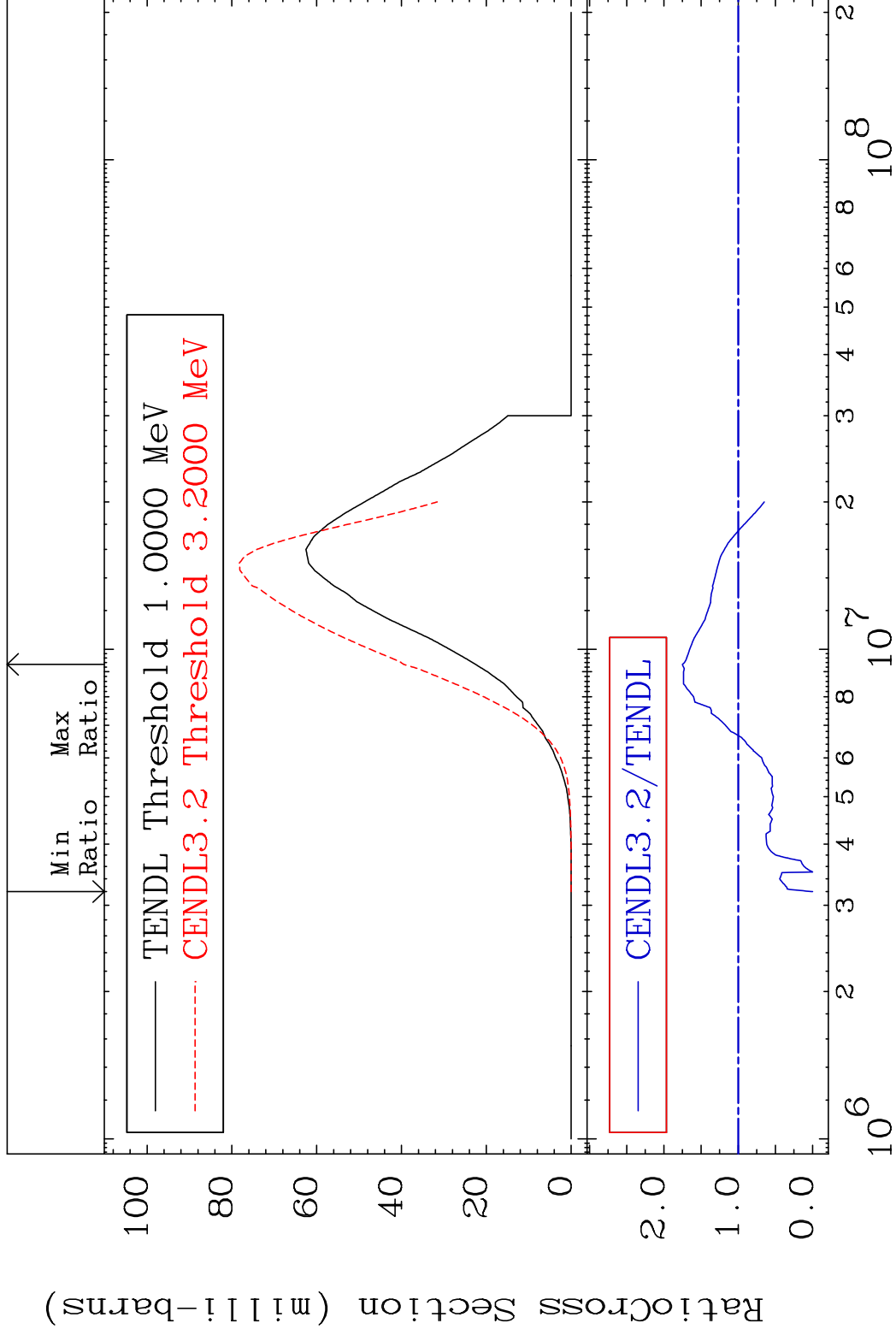
<sup>22</sup>Ti-46

MAT 2225

(n,  $\alpha$ )

<sup>22</sup>Ti-46

Cross Section -100.0 To 75.15 %

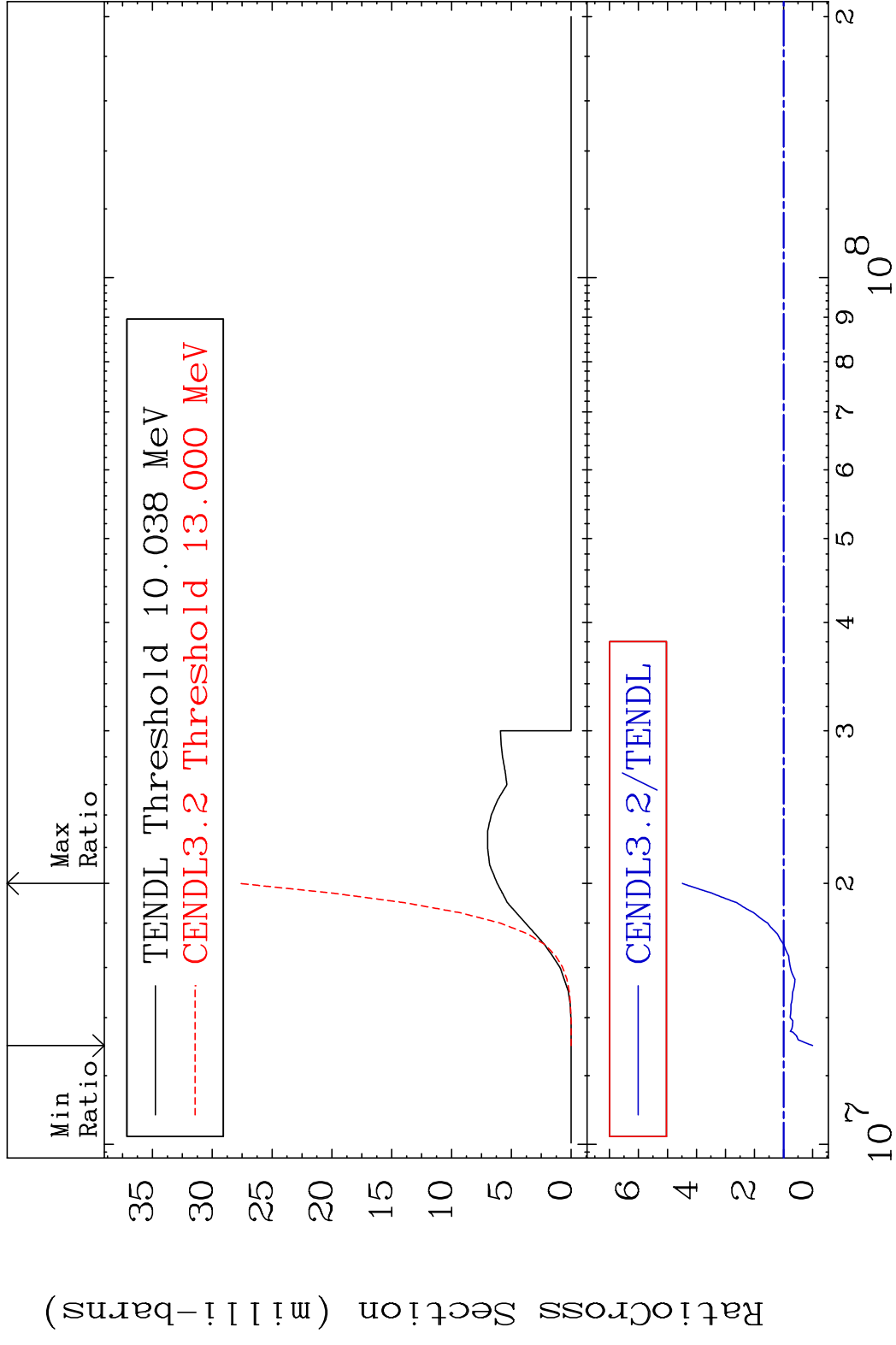


18

Incident Energy (eV)

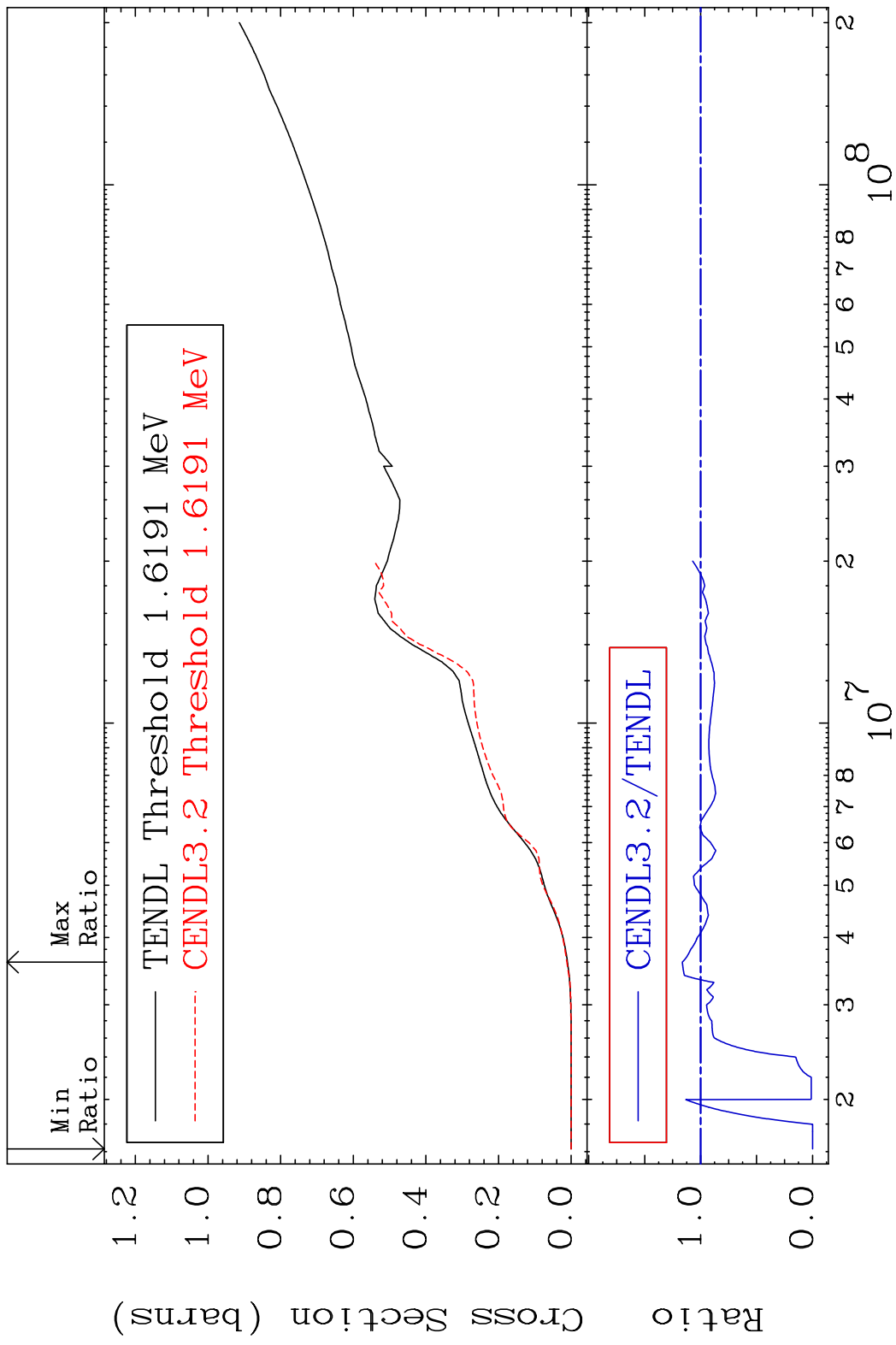
<sup>22</sup>Ti-46

MAT 2225 (n,2p) 22-Ti-46  
 Cross Section -100.0 To 348.7 %

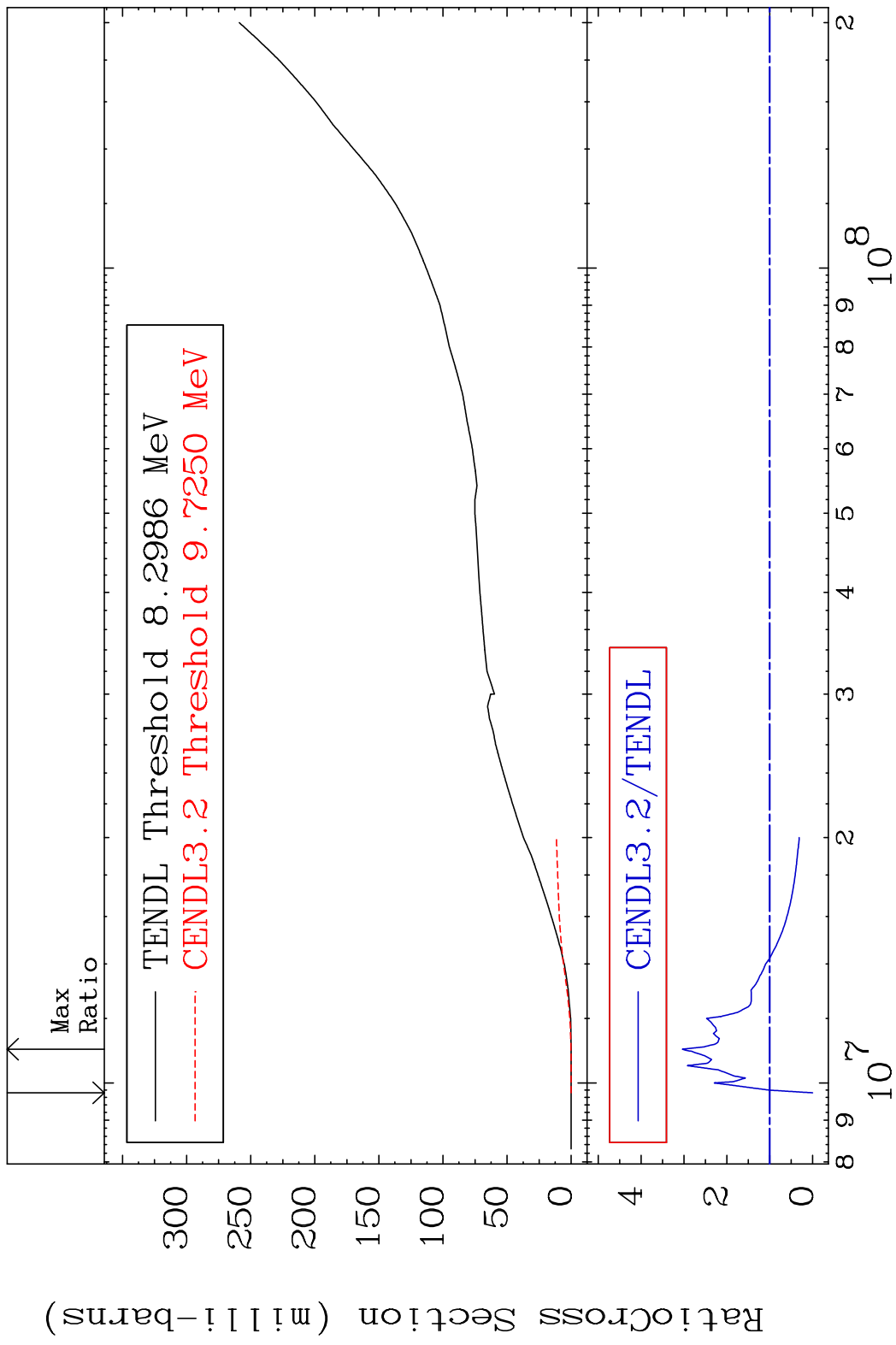


19 22-Ti-46

MAT 2225 Hydrogen Production 22-Ti-46  
 Cross Section -100.0 To 16.33 %

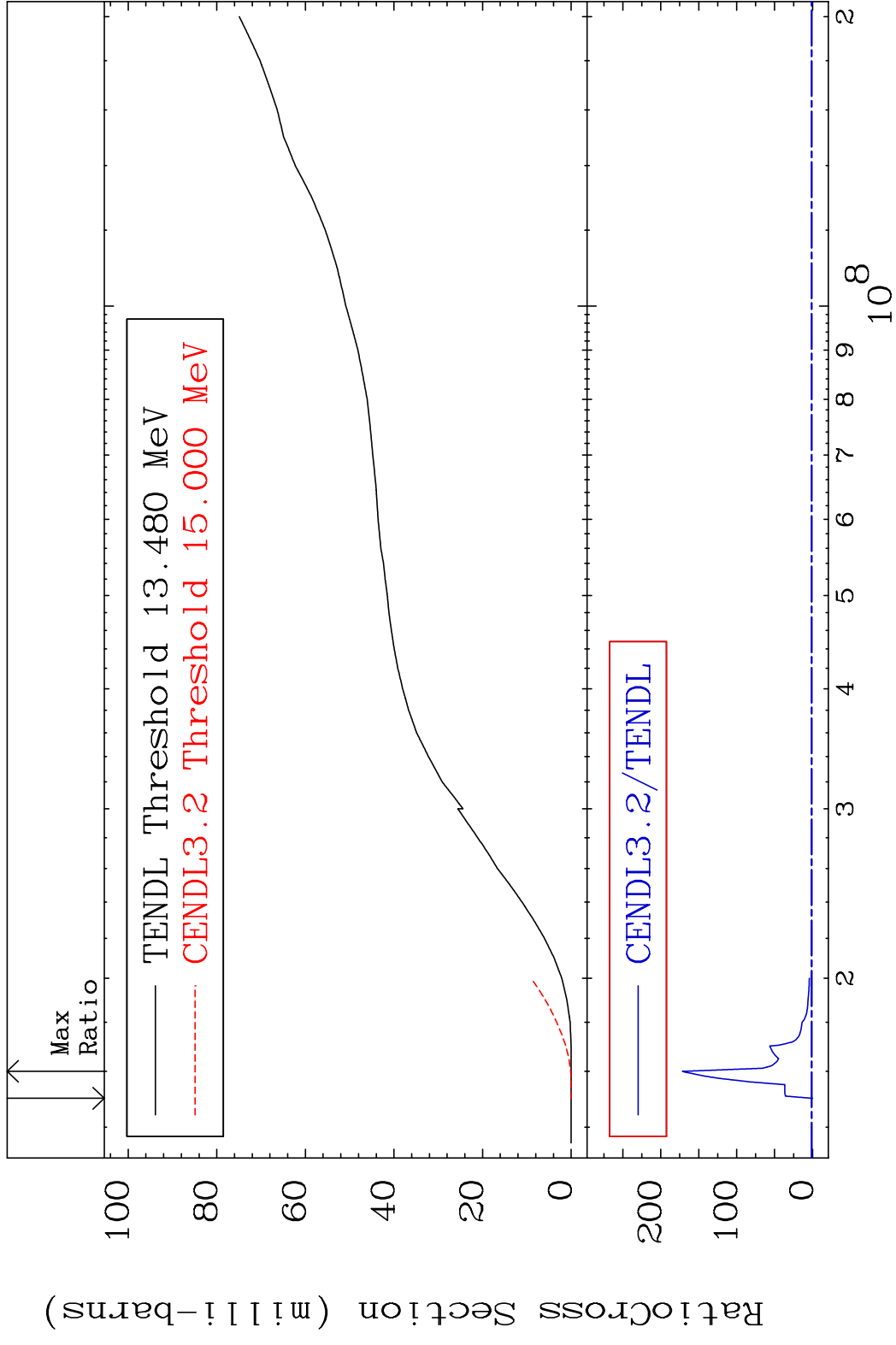


MAT 2225 Deuterium Production  $^{22}\text{Ti-46}$   
 Cross Section -100.0 To 203.8 %



21  $^{22}\text{Ti-46}$

MAT 2225 Tritium Production 22-Ti-46  
 Cross Section -100.0 To 9999. %

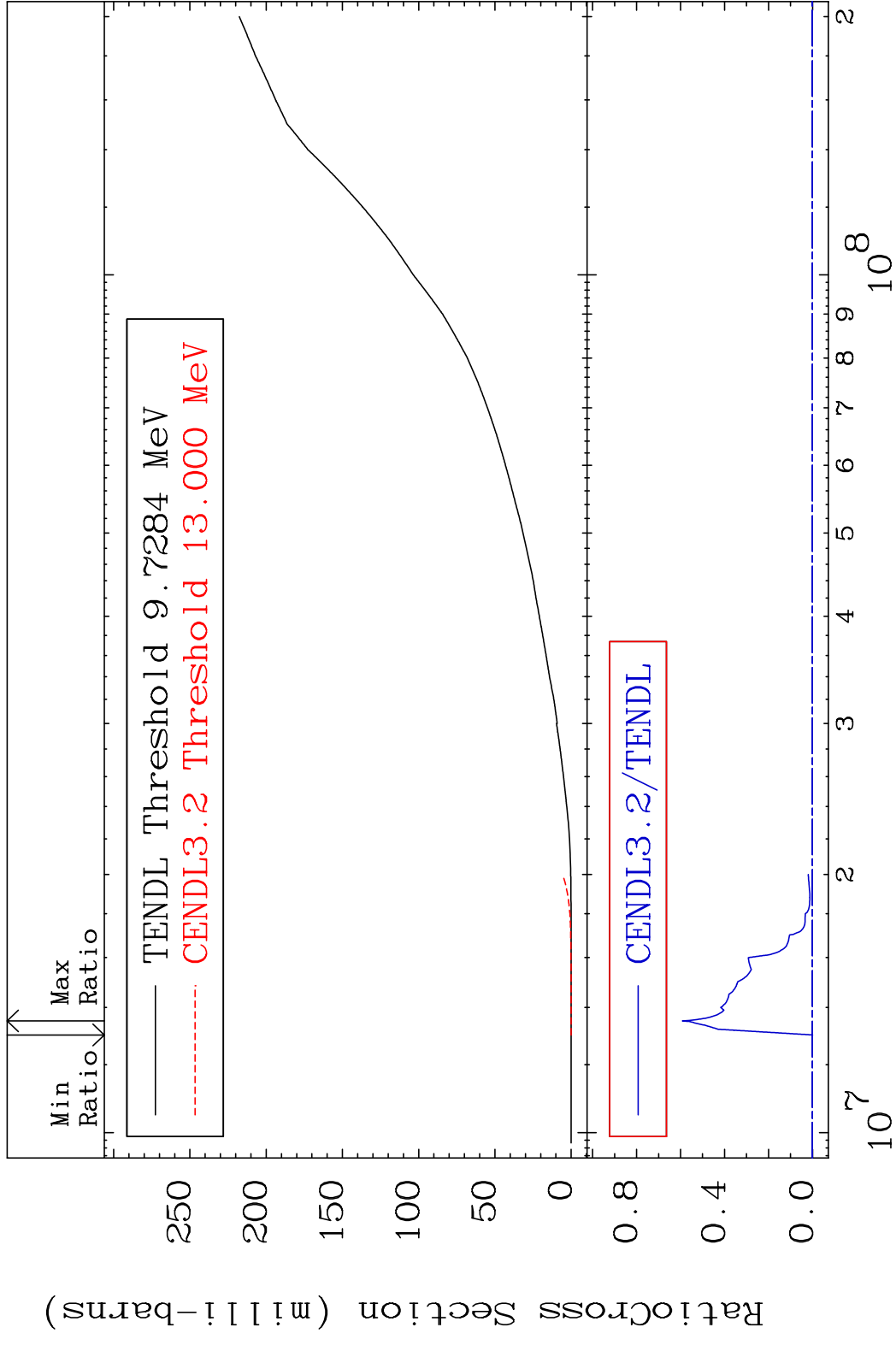


MAT 2225

He-3 Production

22-Ti-46

Cross Section -100.0 To 9999. %



23

Incident Energy (eV)

22-Ti-46

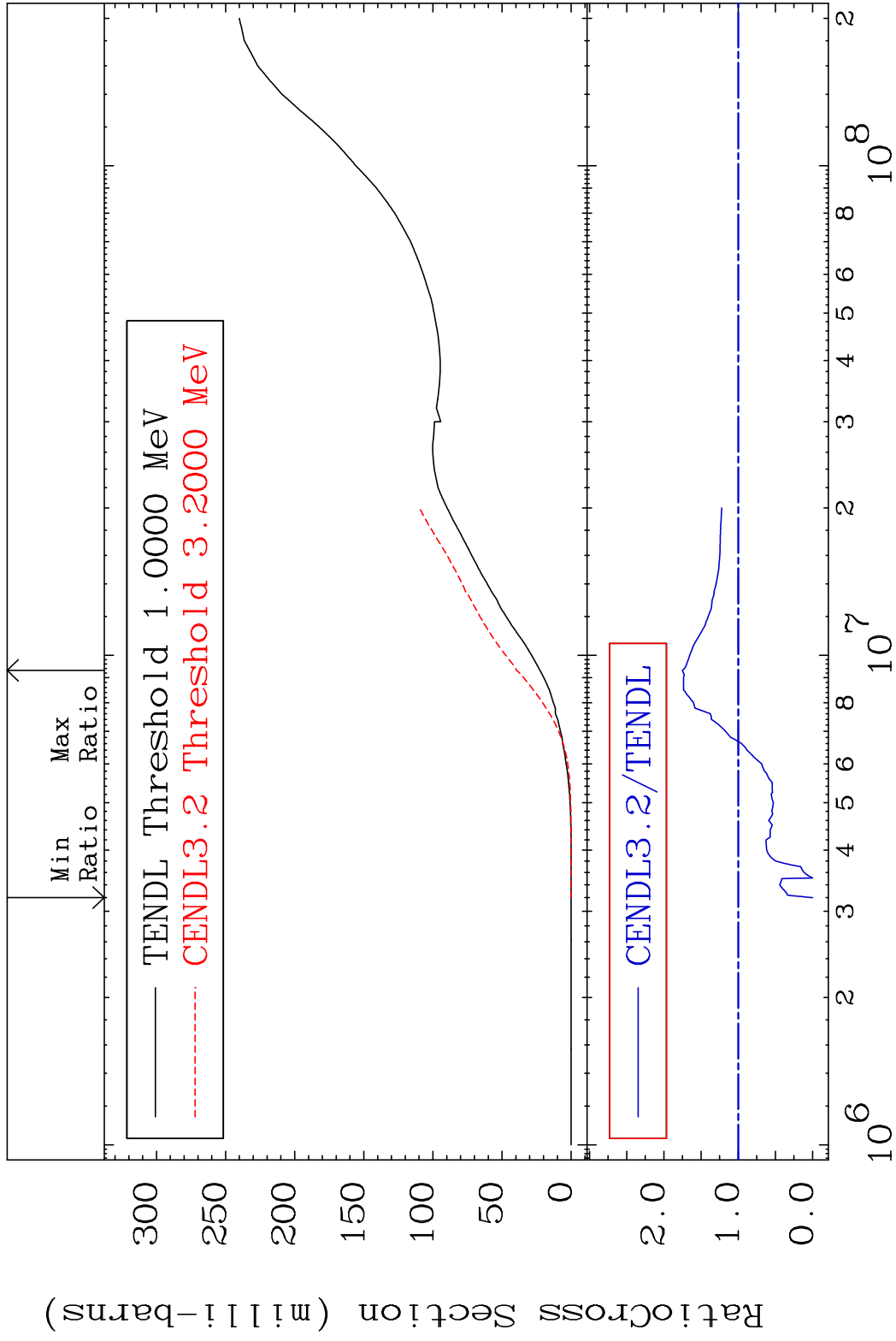


MAT 2225

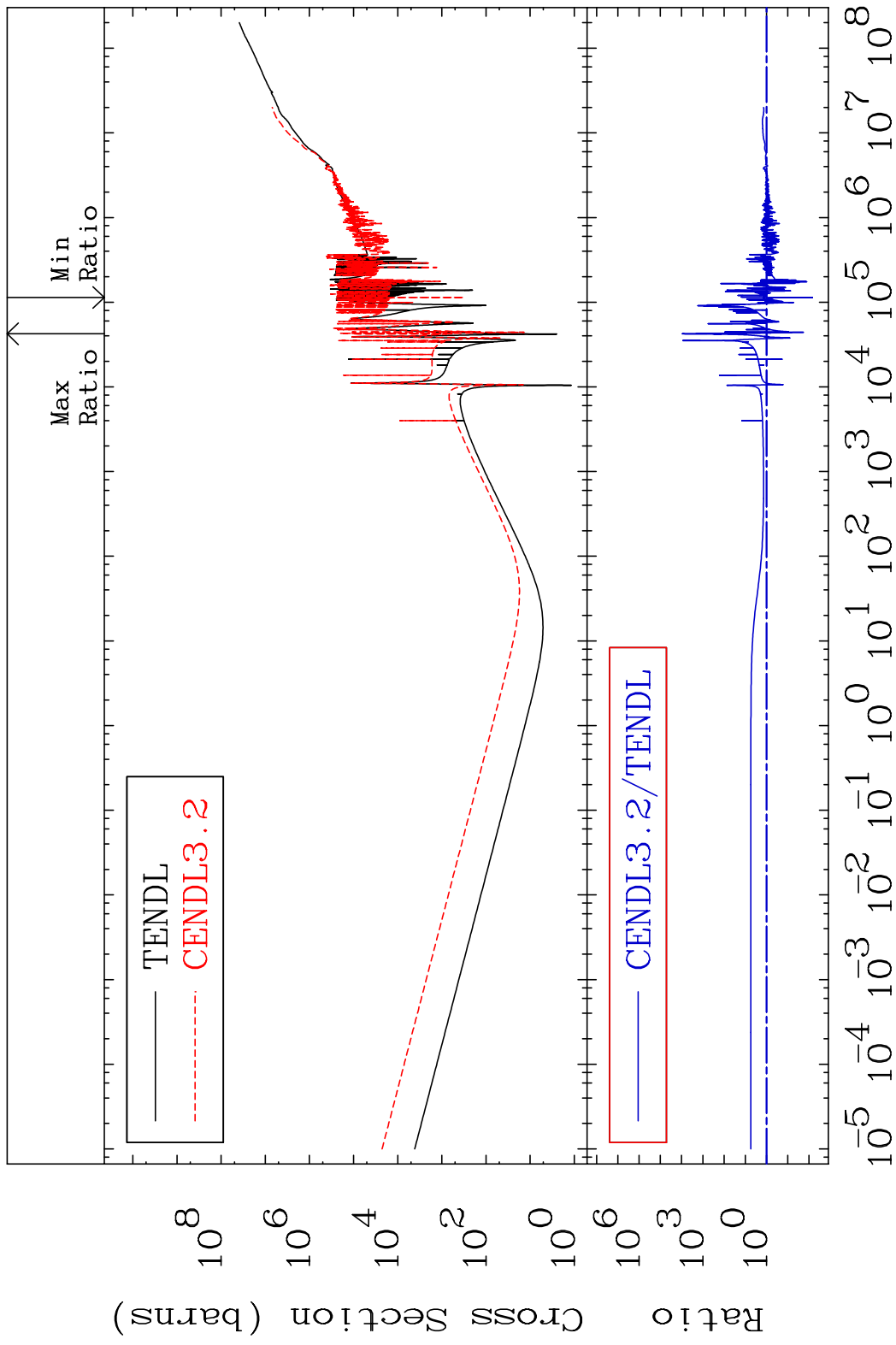
He-4 Production

<sup>22</sup>Ti-46

Cross Section -100.0 To 75.15 %



MAT 2225 Kerma total (eV-barns) 22-Ti-46  
 Cross Section -99.32 To 9999. %

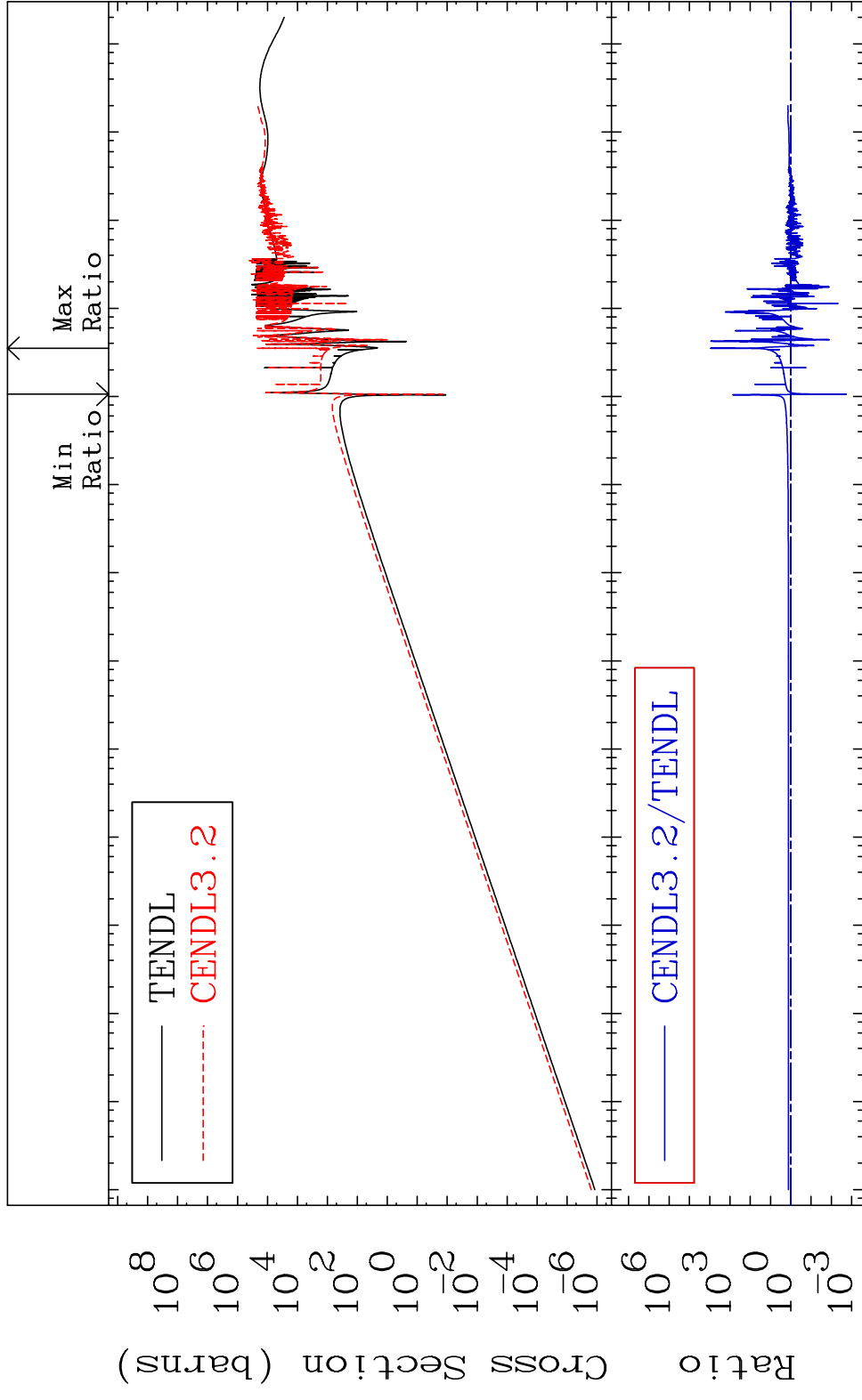


25 Incident Energy (eV) 22-Ti-46

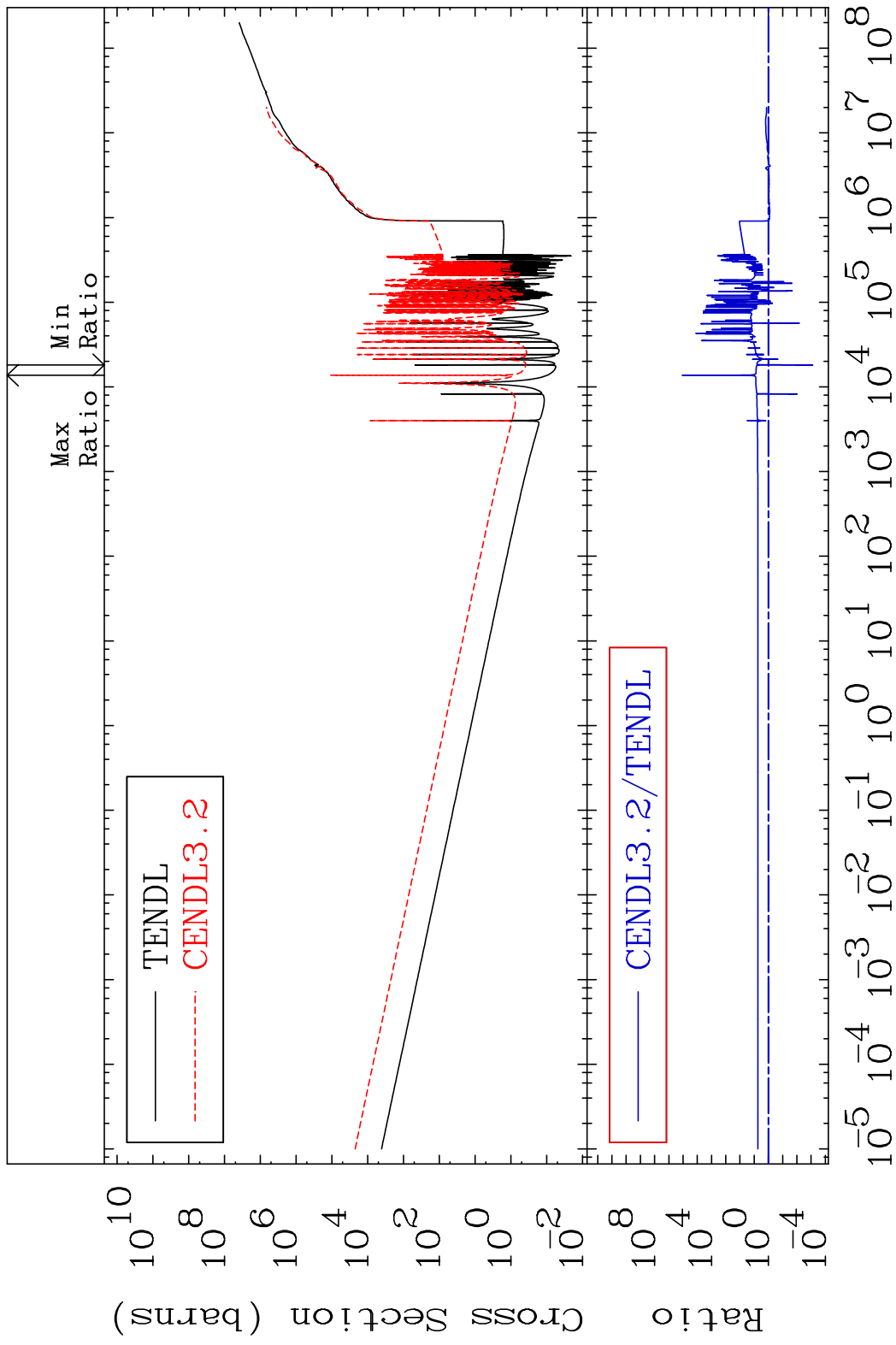
MAT 2225

Kerma elastic  
Cross Section

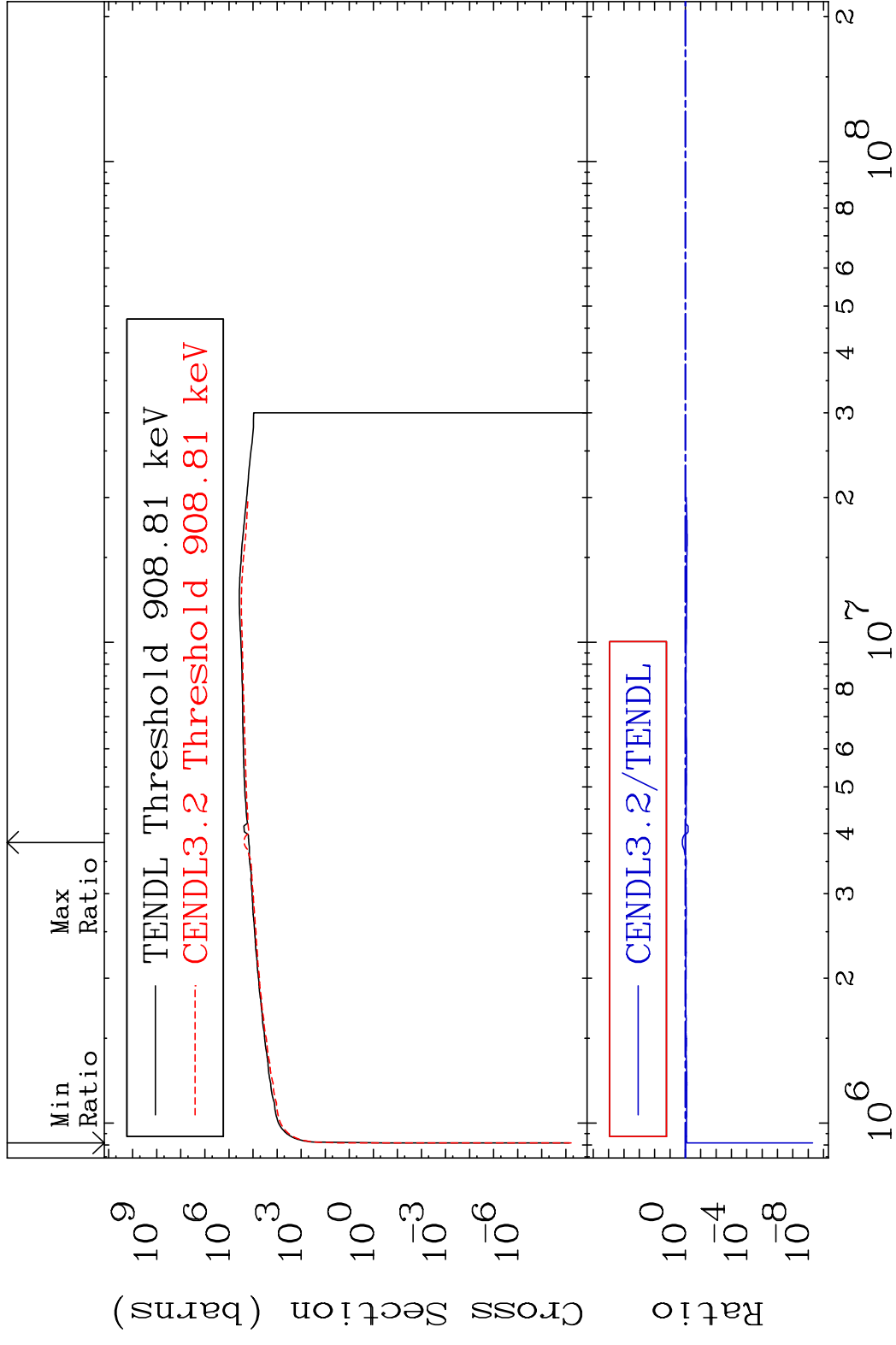
22-Ti-46  
-99.82 To 9999. %



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

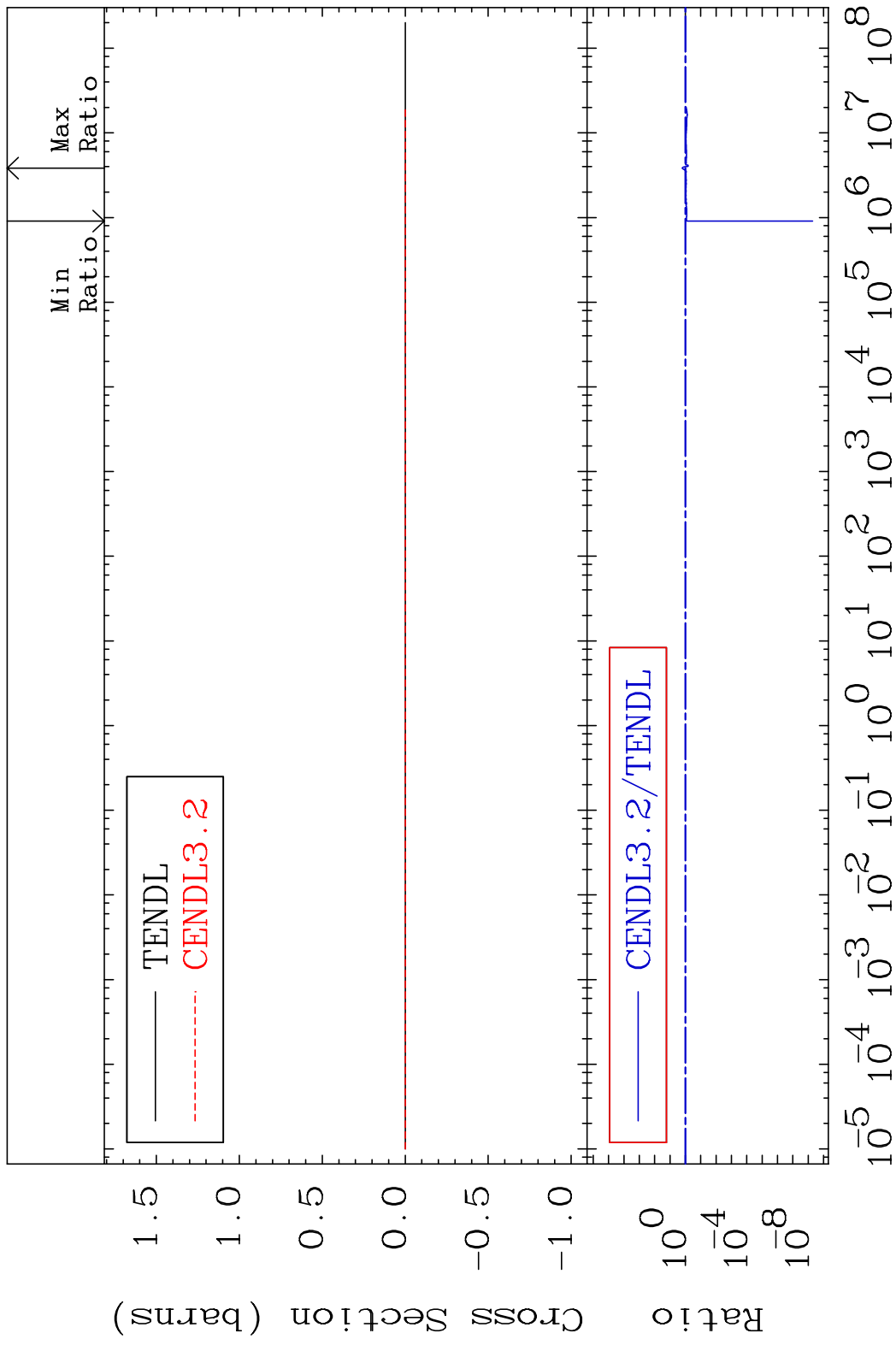


MAT 2225 Kerma inelastic (mt51-91) 22-Ti-46  
 Cross Section -100.0 To 57.18 %

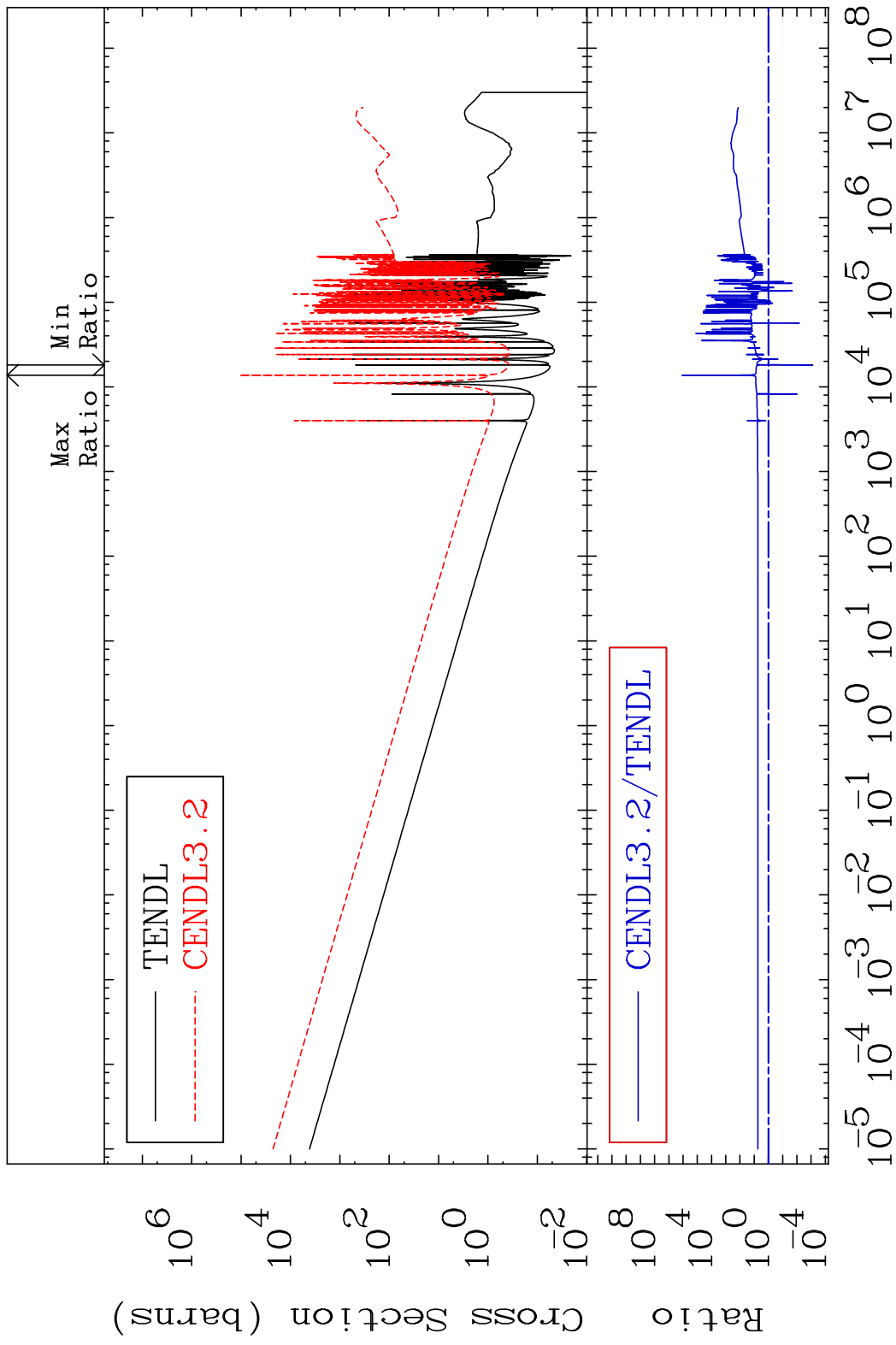


28 Incident Energy (eV) 22-Ti-46

MAT 2225 Kerma fission (mt18 or mt19-20-21-38) 22-Ti-46  
 Cross Section -100.0 To 57.18 %

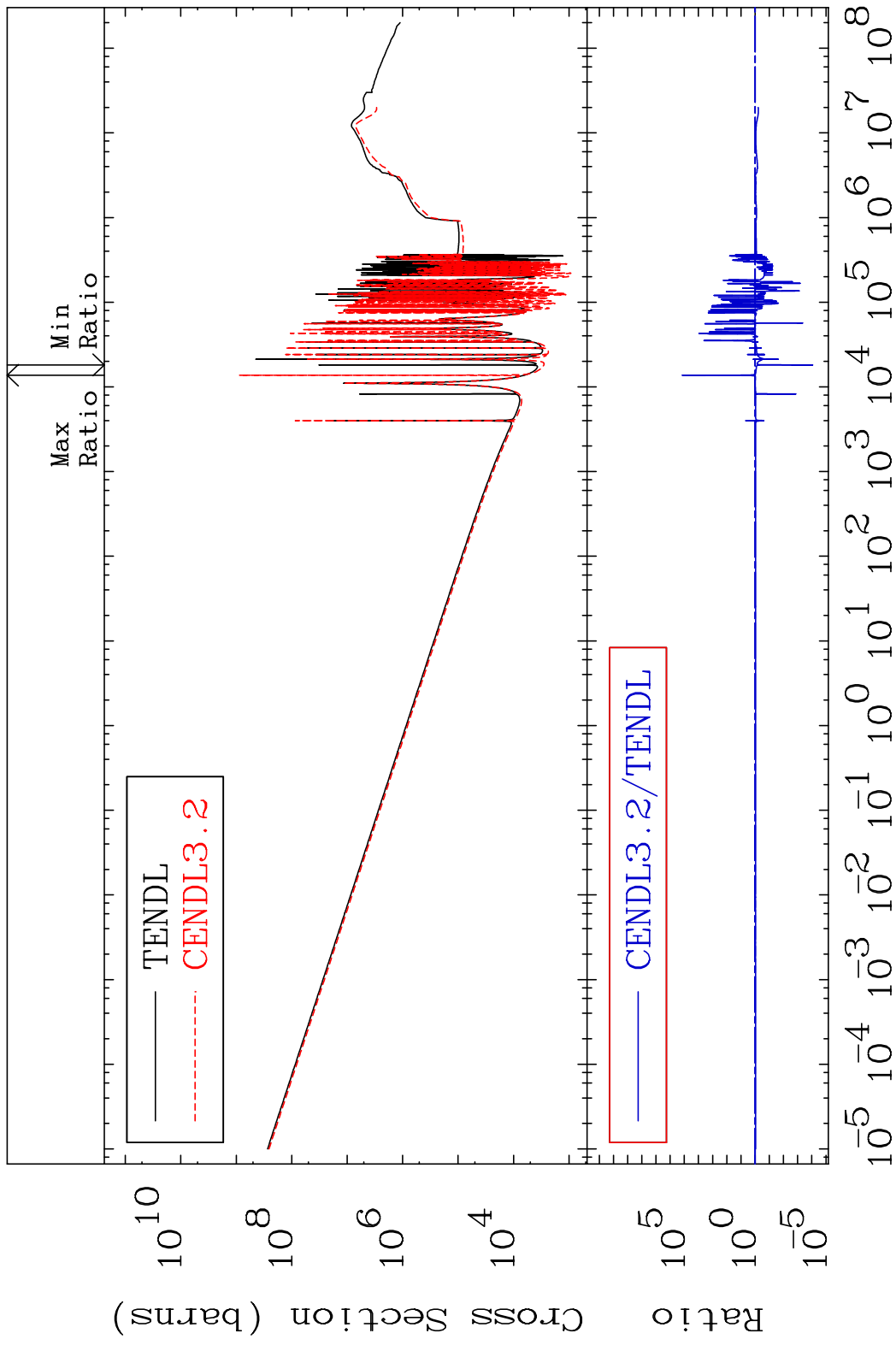


MAT 2225 Kerma capture (mt102) 22-Ti-46  
 Cross Section -99.92 To 9999. %



30 Incident Energy (eV) 22-Ti-46

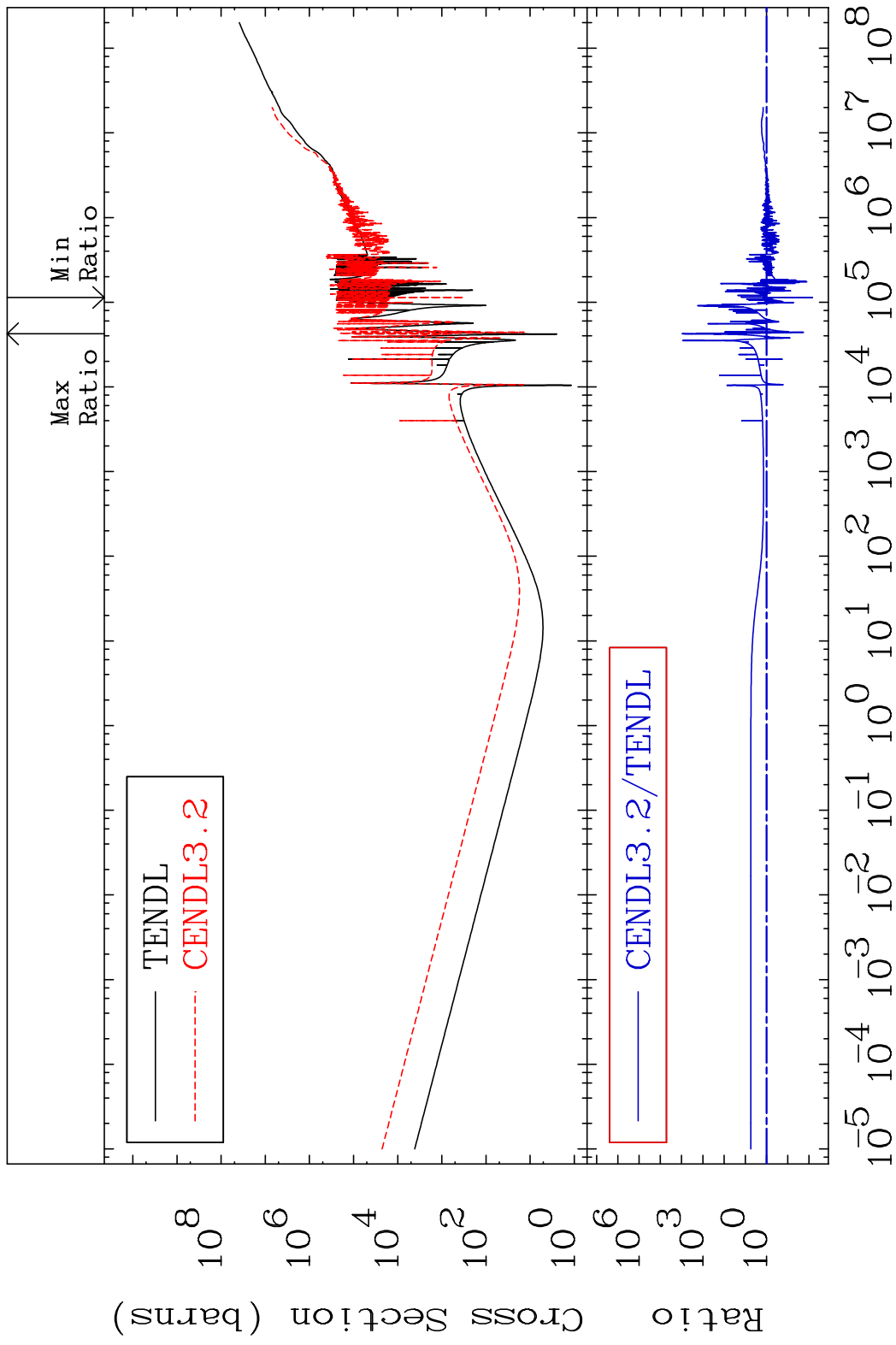
MAT 2225 Total photon (eV-barns) 22-Ti-46  
 Cross Section -99.99 To 9999. %



31 Incident Energy (eV) 22-Ti-46

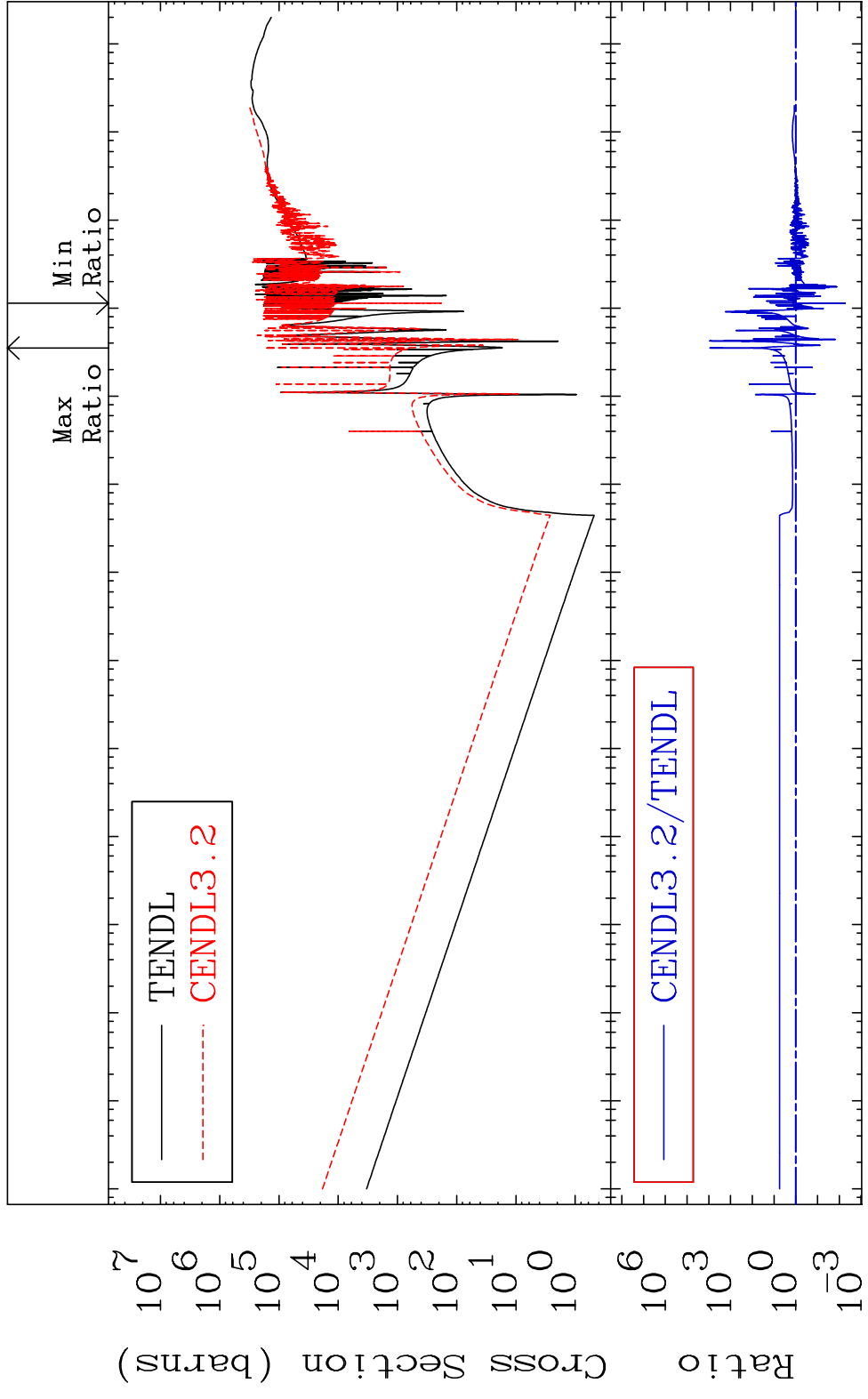


MAT 2225 Total kinematic kerma (high limit) 22-Ti-46  
 Cross Section -99.32 To 9999. %

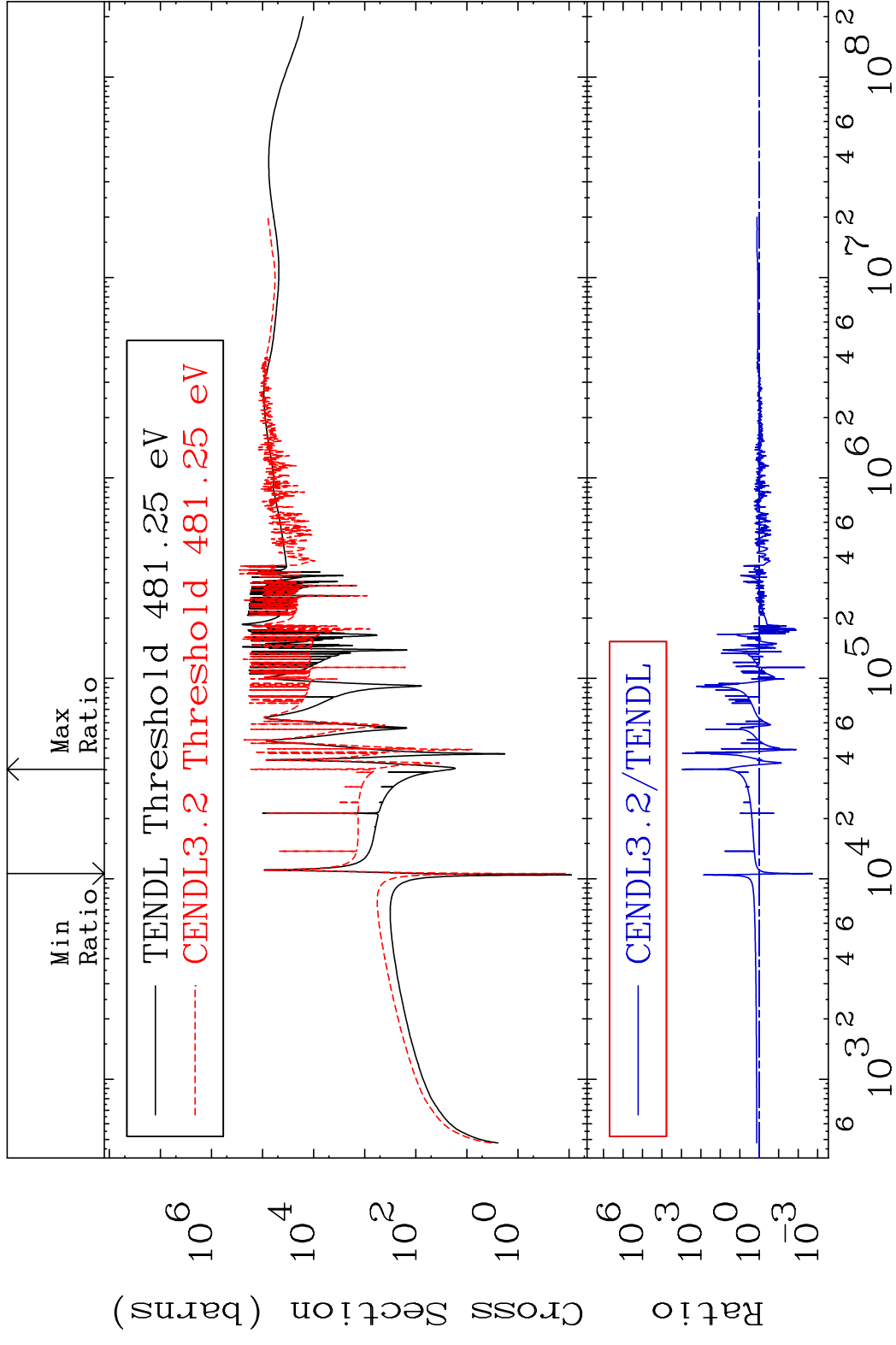


32 Incident Energy (eV) 22-Ti-46

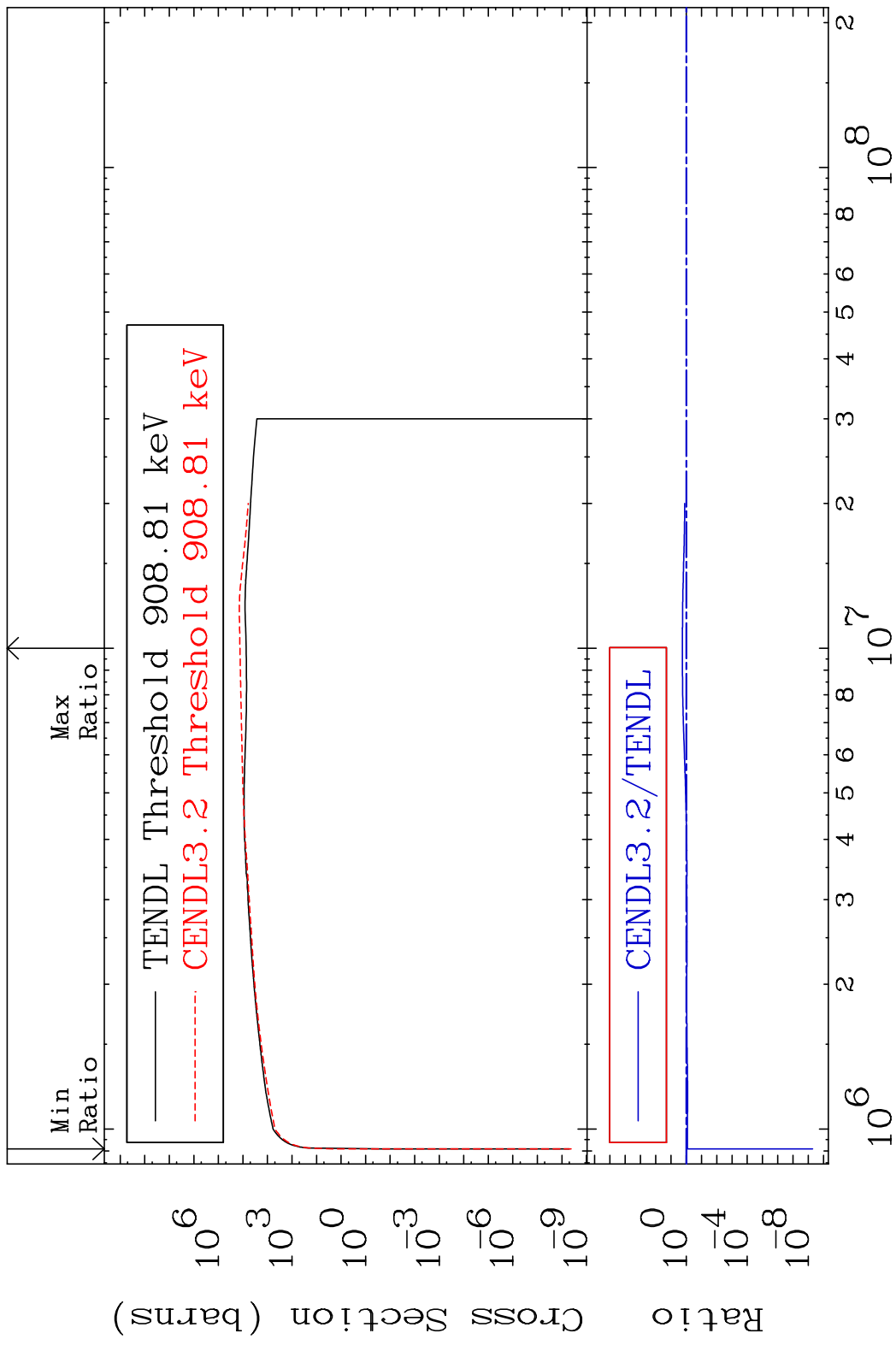
MAT 2225      Dpa total (eV-barns)      22-Ti-46  
 Cross Section      -99.47 To 9999. %



MAT 2225 Dpa elastic (mt2) 22-Ti-46  
 Cross Section -99.82 To 9999. %

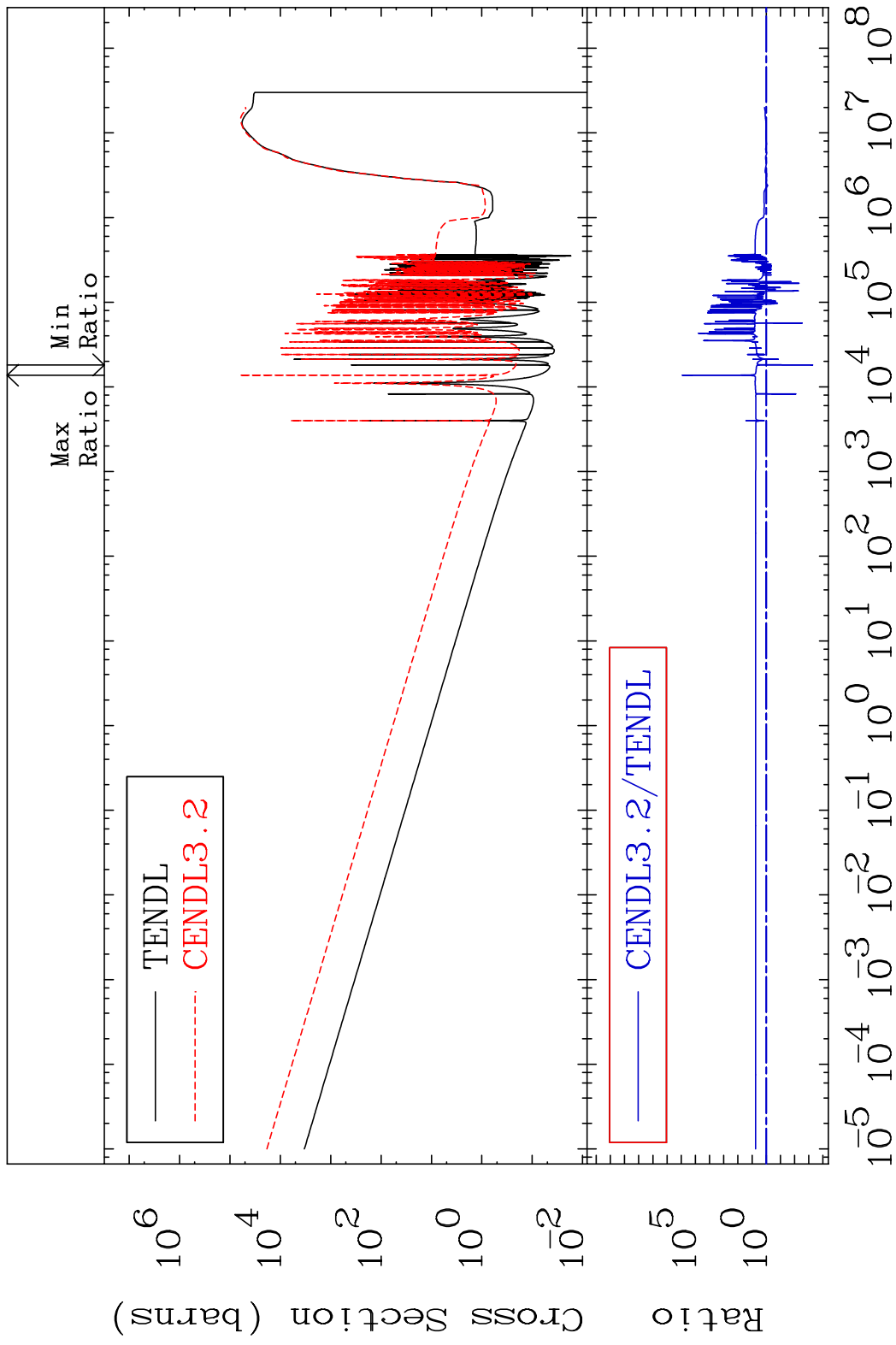


MAT 2225 Dpa inelastic (mt51-91) 22-Ti-46  
 Cross Section -100.0 To 79.50 %

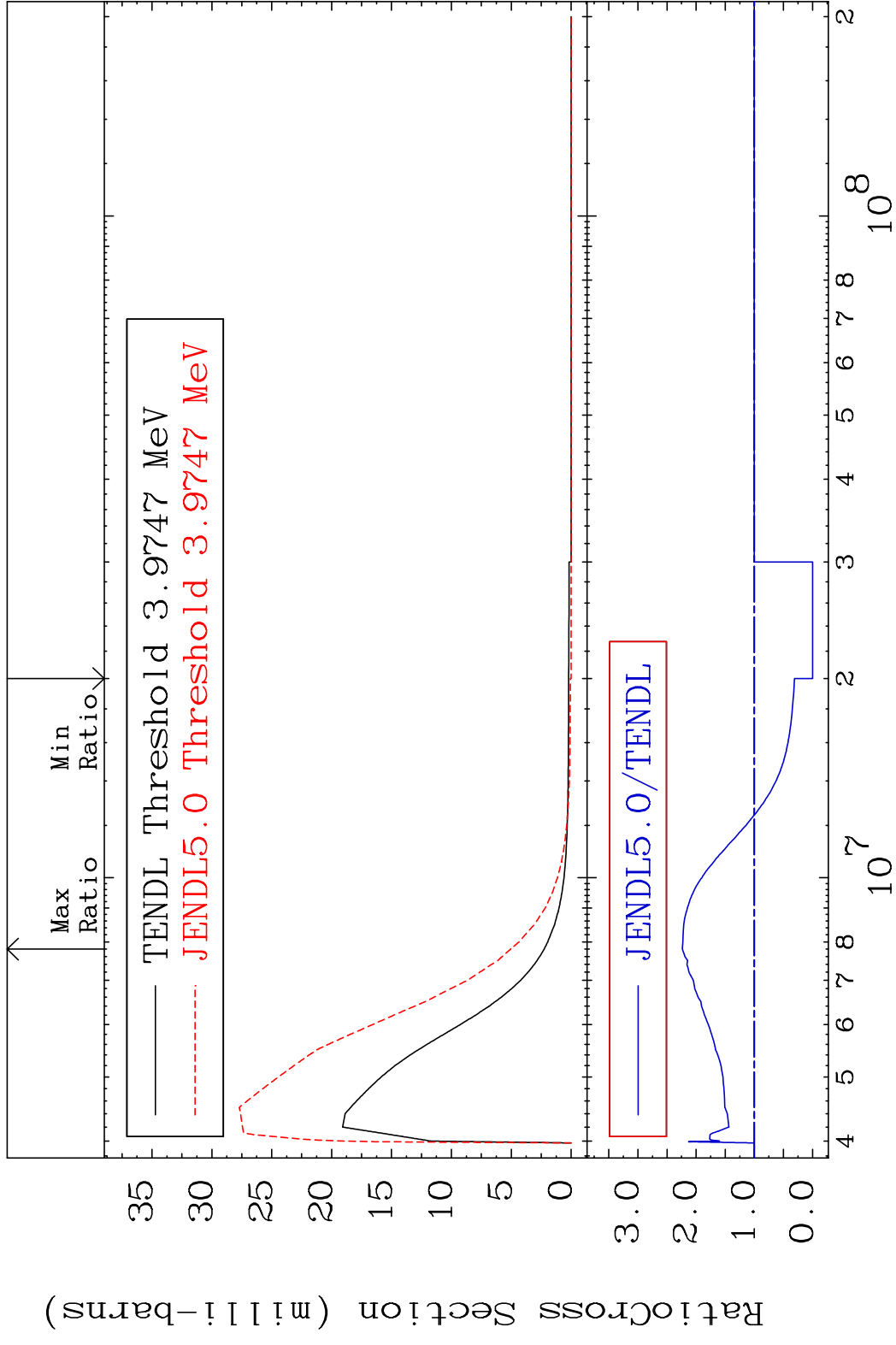


35 Incident Energy (eV) 22-Ti-46

MAT 2225 Dpa disappearance (mt102 -120) 22-Ti-46  
 Cross Section -99.95 To 9999. %



MAT 2225 MT= 80 (n,n') Level 22-Ti-46  
 Cross Section -100.0 To 123.6 %

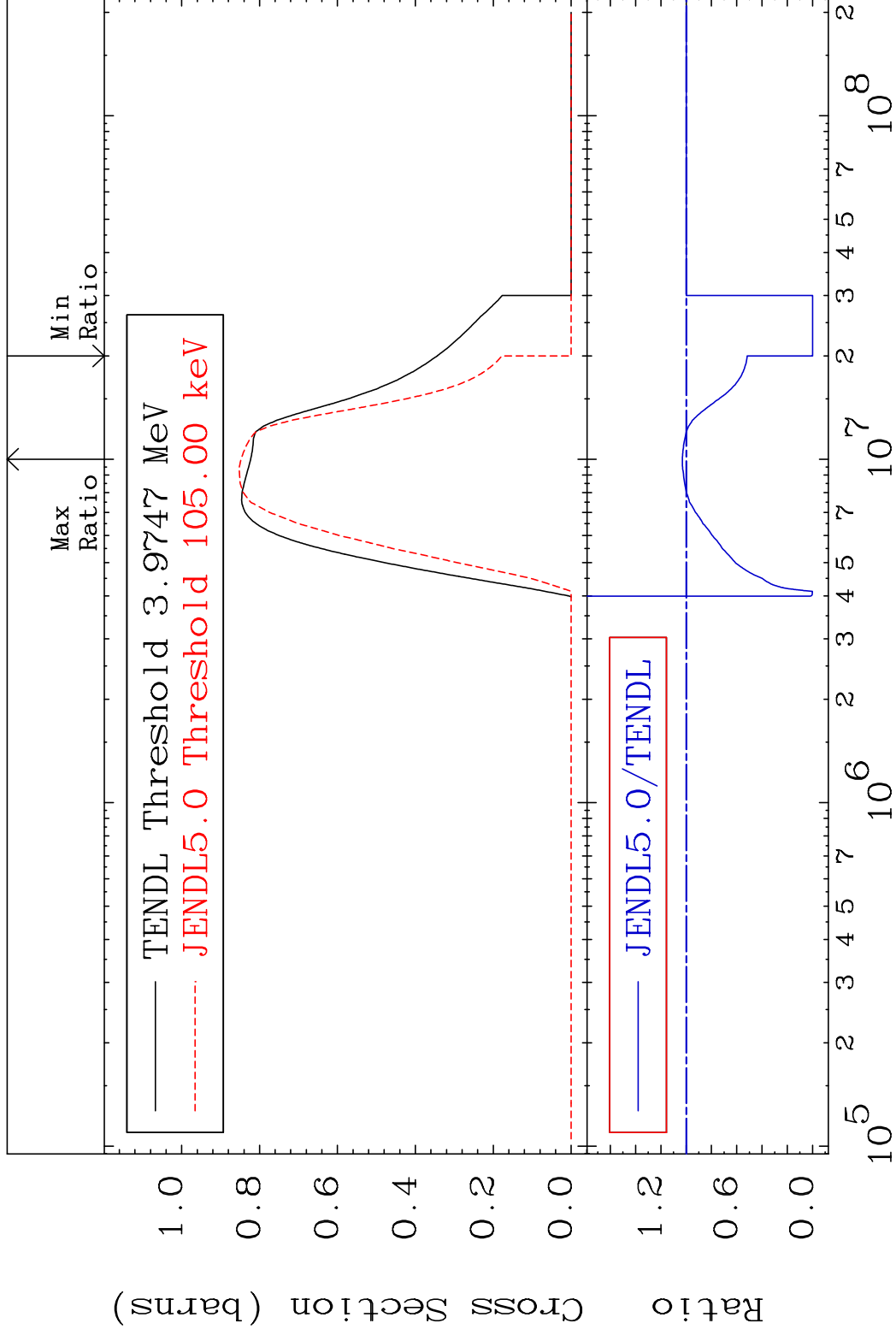


MAT 2225

(n,n') Continuum

<sup>22</sup>Ti-46

Cross Section -100.0 To 3.022 %



38

Incident Energy (eV)

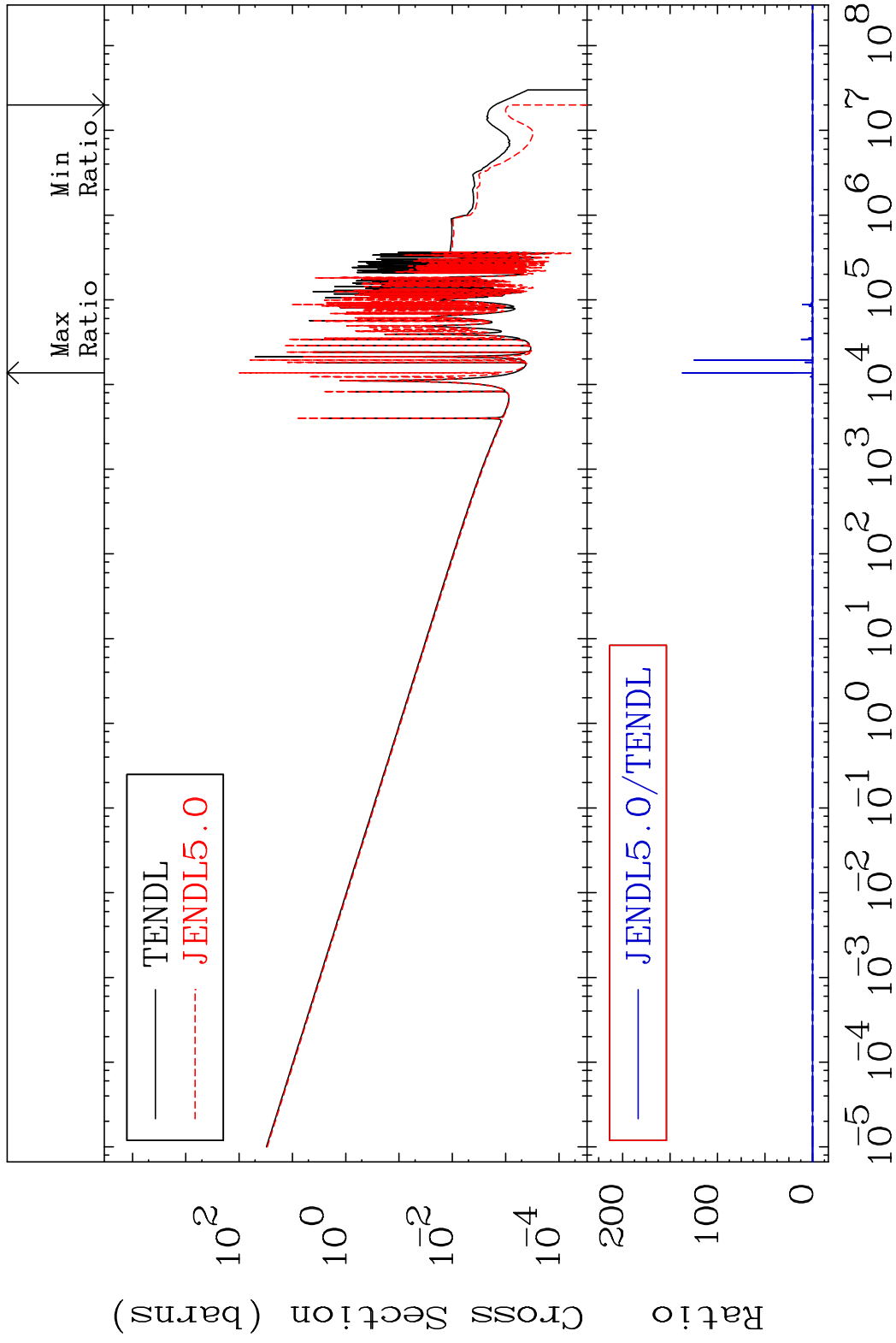
<sup>22</sup>Ti-46

MAT 2225

(n,  $\gamma$ )

22-Ti-46

Cross Section -100.0 To 9999. %

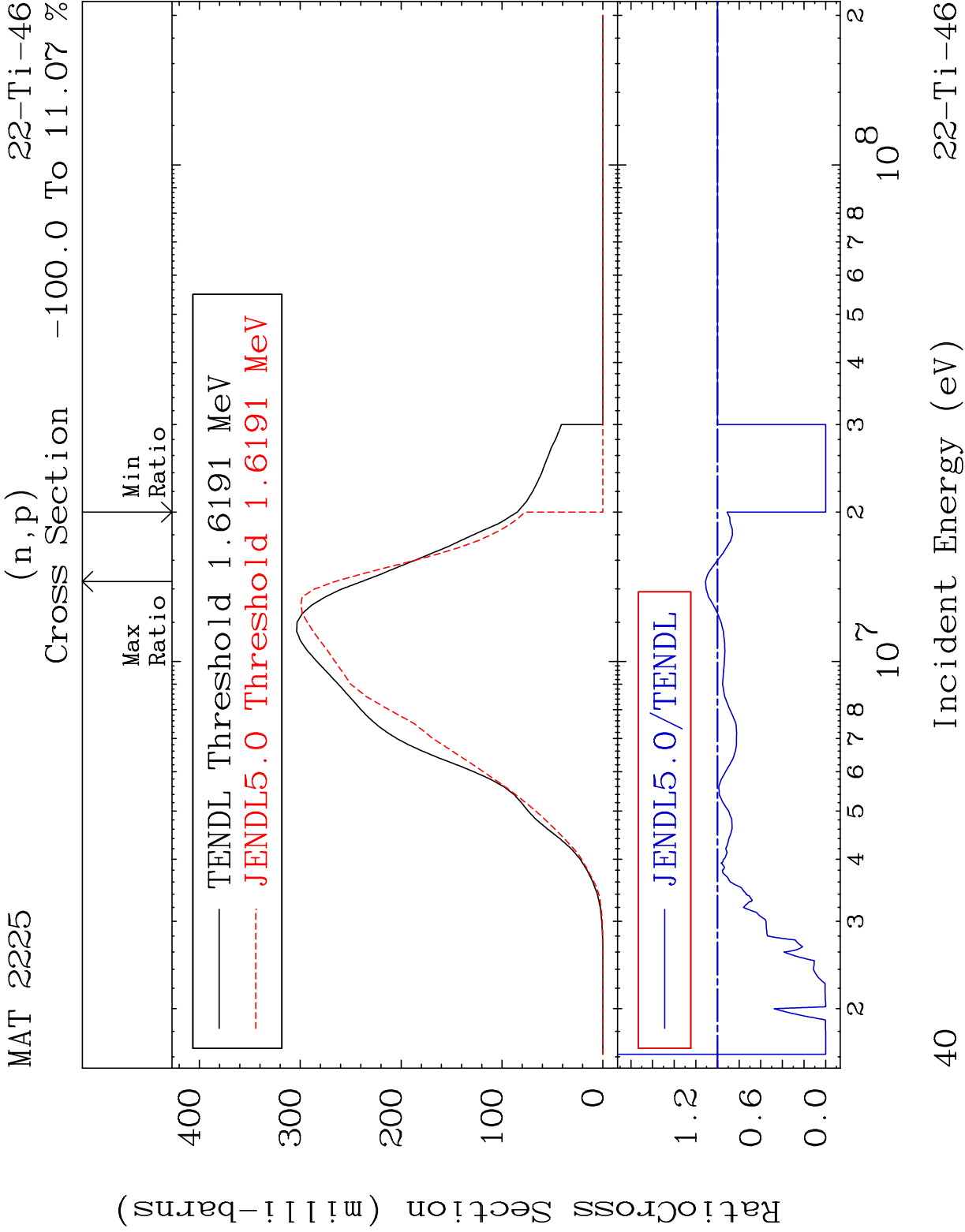


39

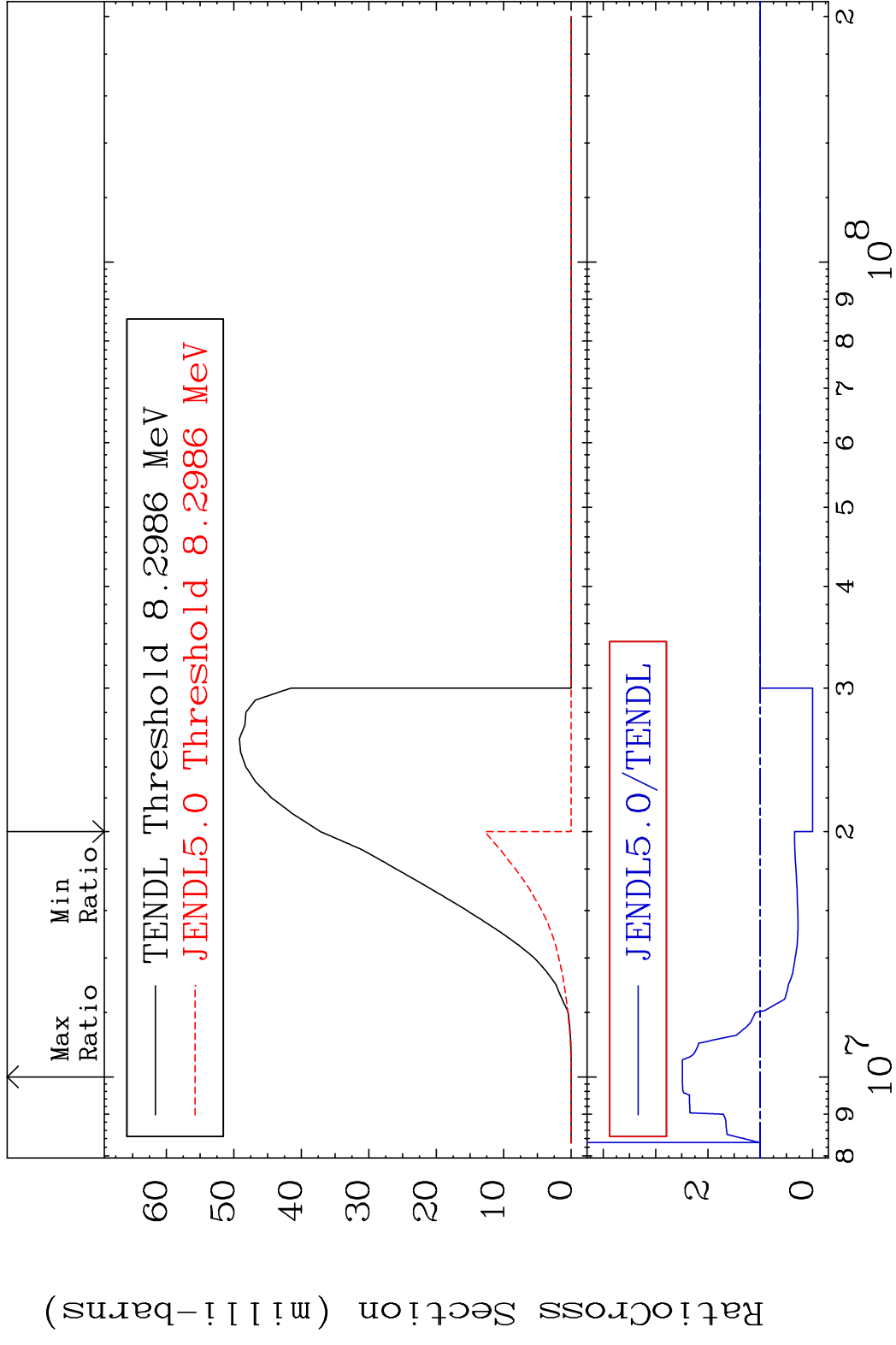
Incident Energy (eV)

22-Ti-46



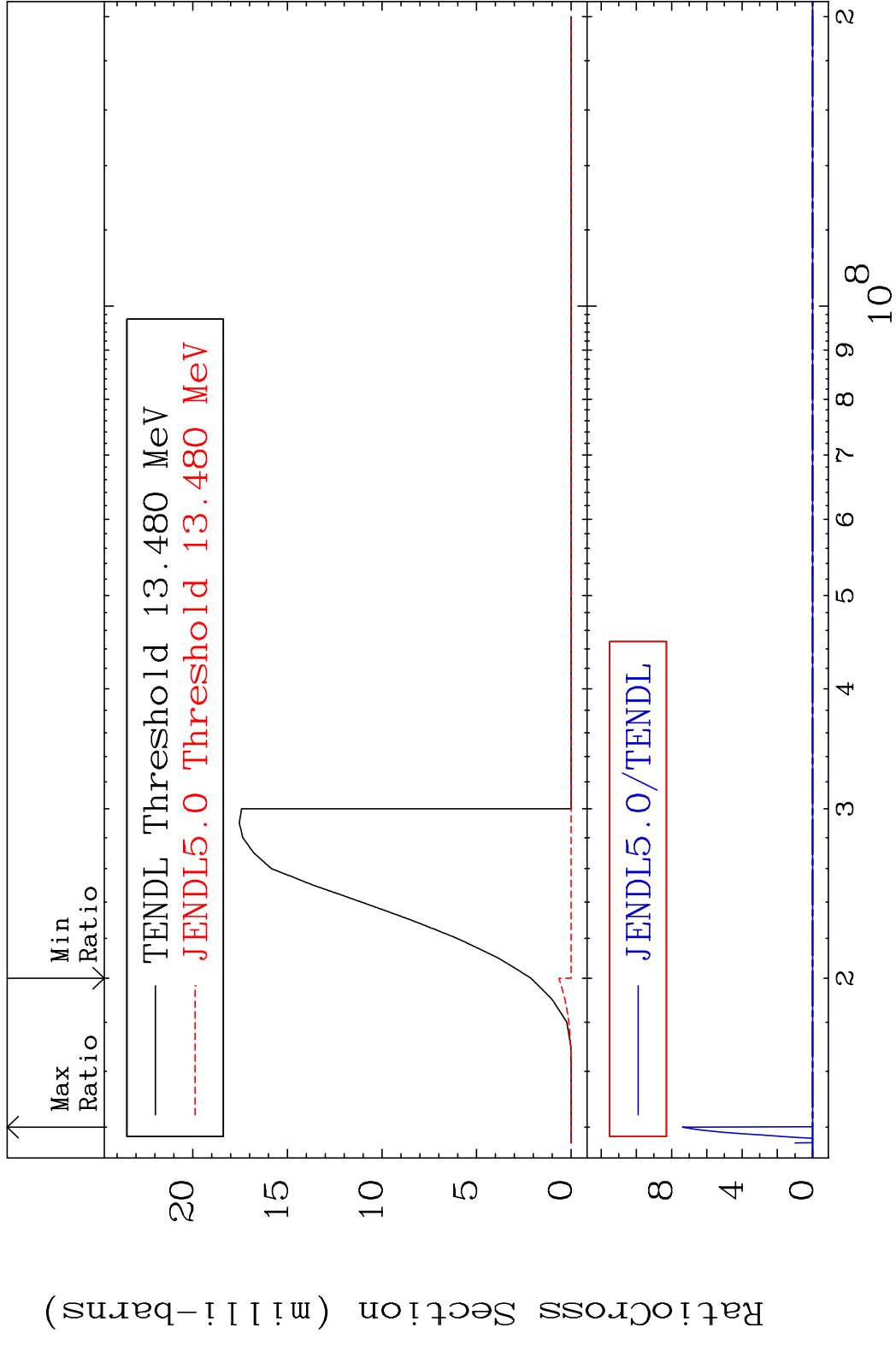


MAT 2225 (n,d) 22-Ti-46  
 Cross Section -100.0 To 148.9 %



41 Incident Energy (eV) 22-Ti-46

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



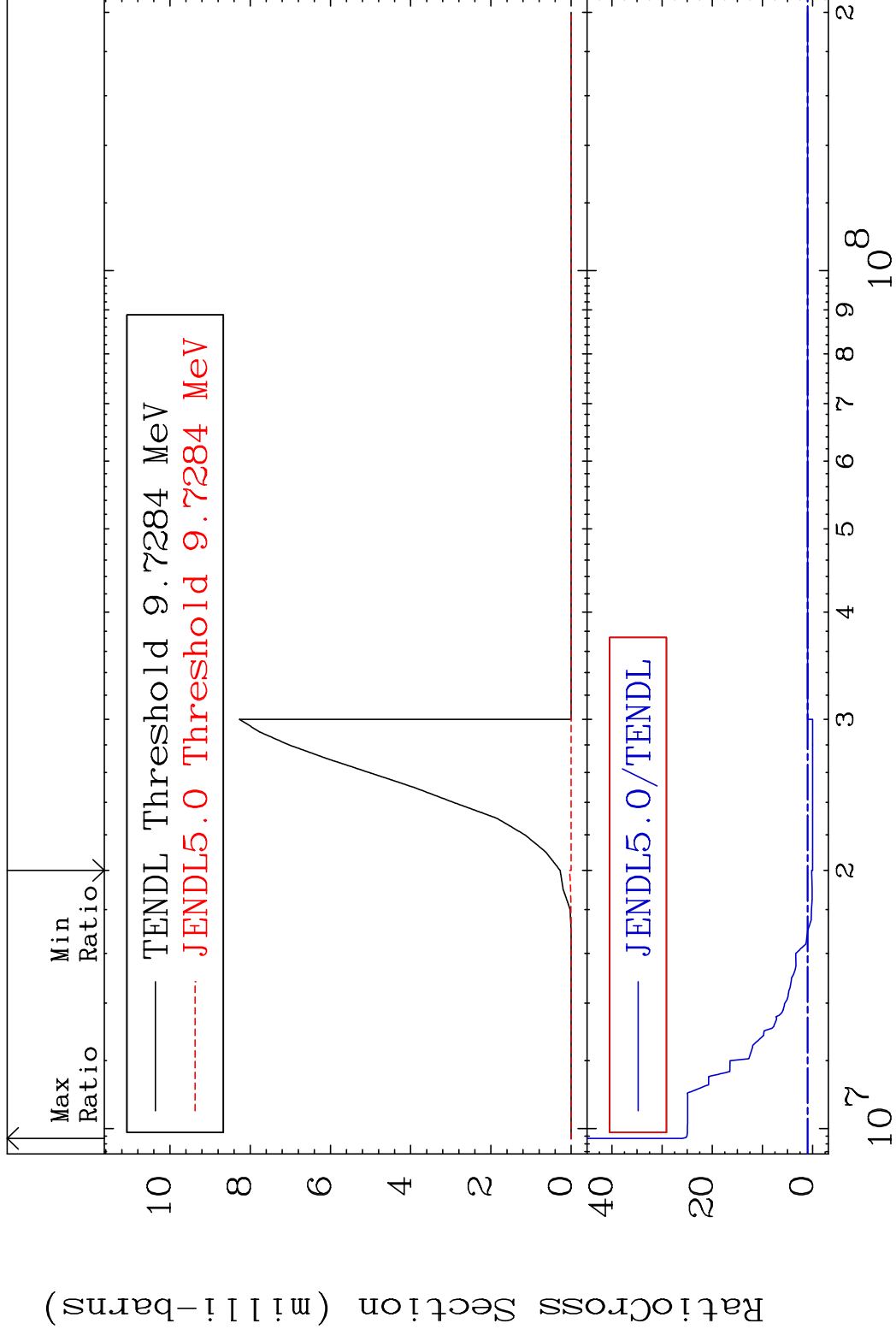
42 Incident Energy (eV) 22-Ti-46

MAT 2225

(n, He-3)

<sup>22</sup>Ti-46

Cross Section -100.0 To 2495. %



43

Incident Energy (eV)

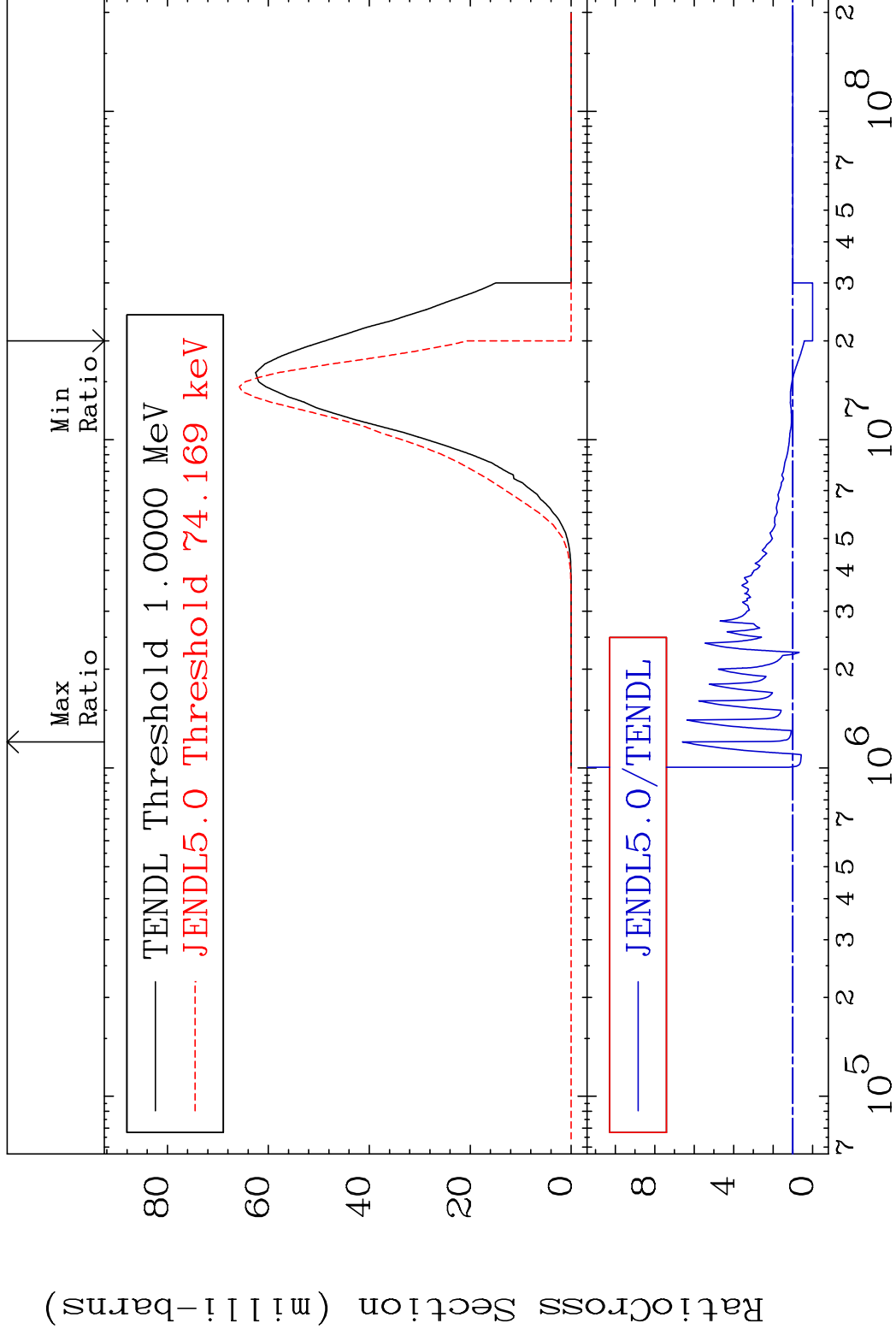
<sup>22</sup>Ti-46

MAT 2225

(n,  $\alpha$ )

22-Ti-46

Cross Section -100.0 To 559.9 %



44

Incident Energy (eV)

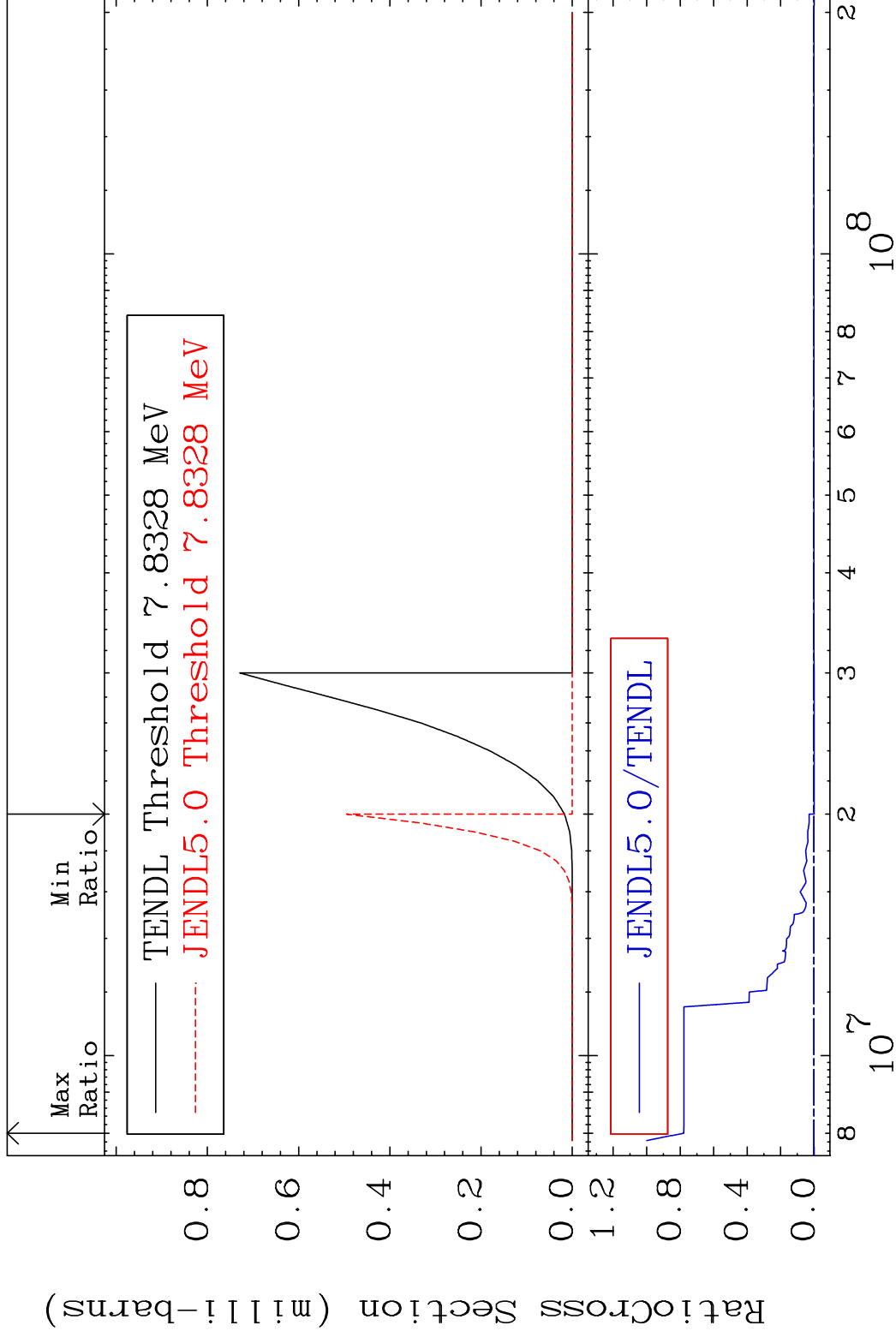
22-Ti-46

MAT 2225

(n,2α)

22-Ti-46

Cross Section -100.0 To 9999. %

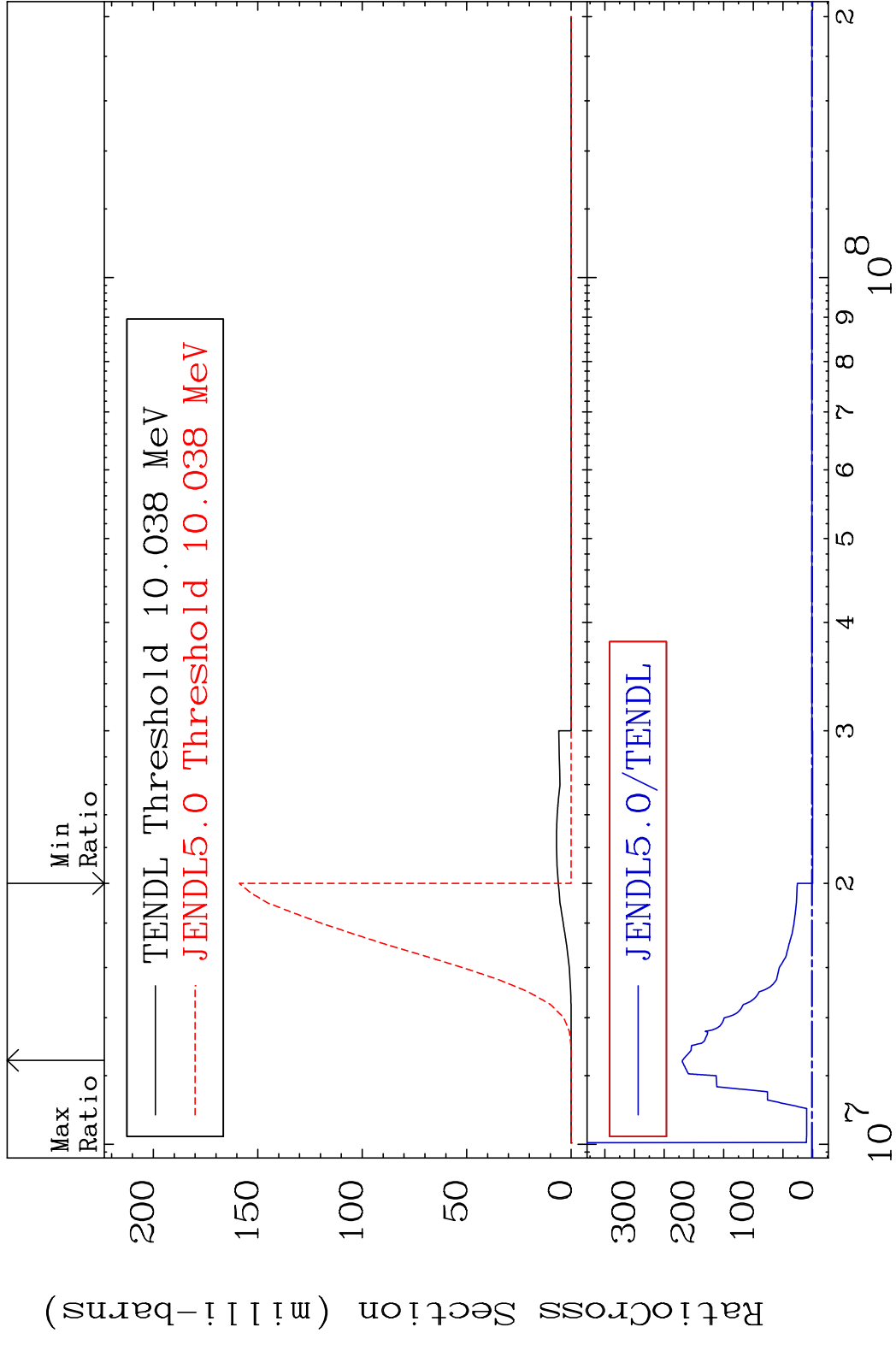


45

Incident Energy (eV)

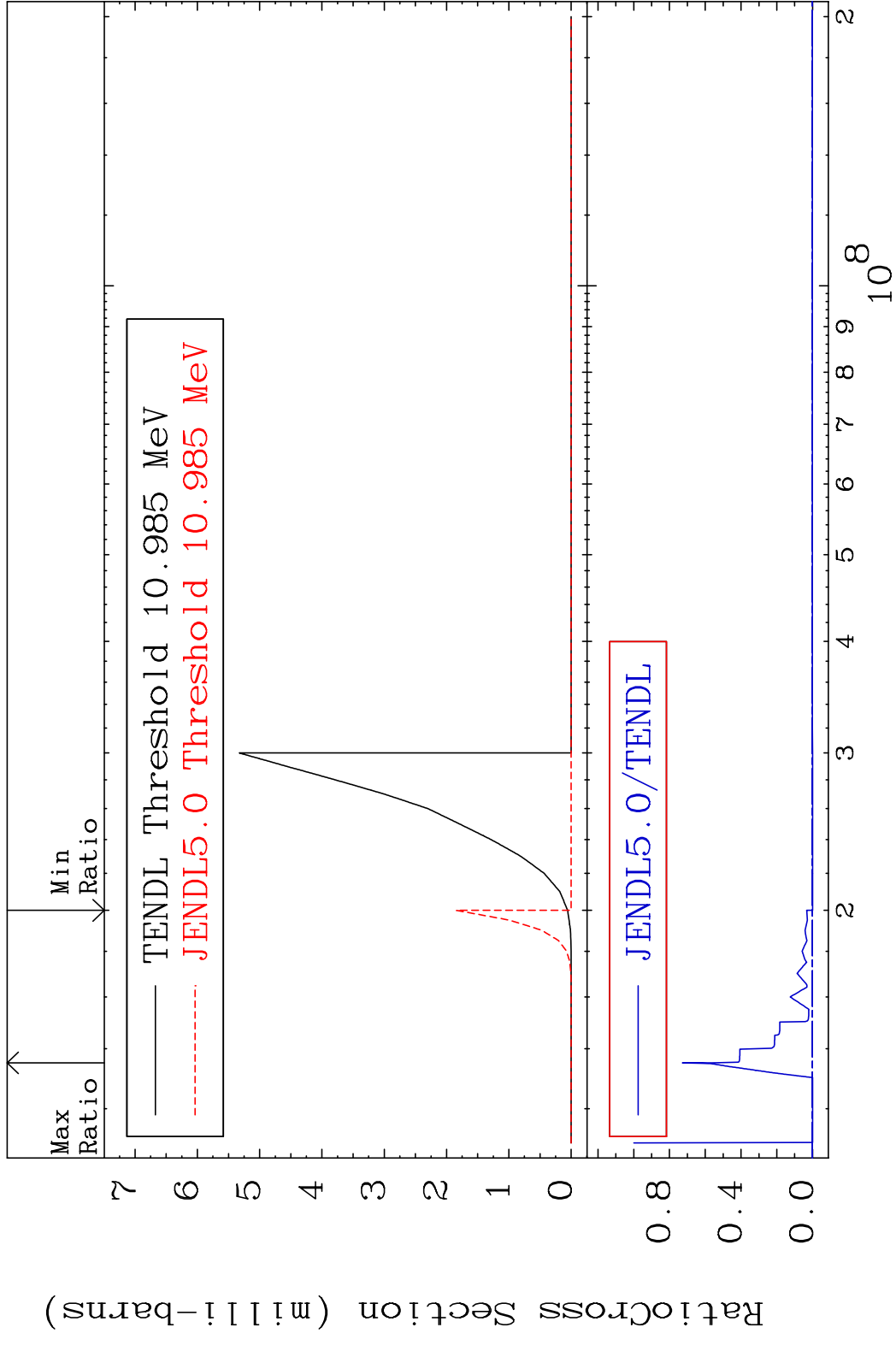
22-Ti-46

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



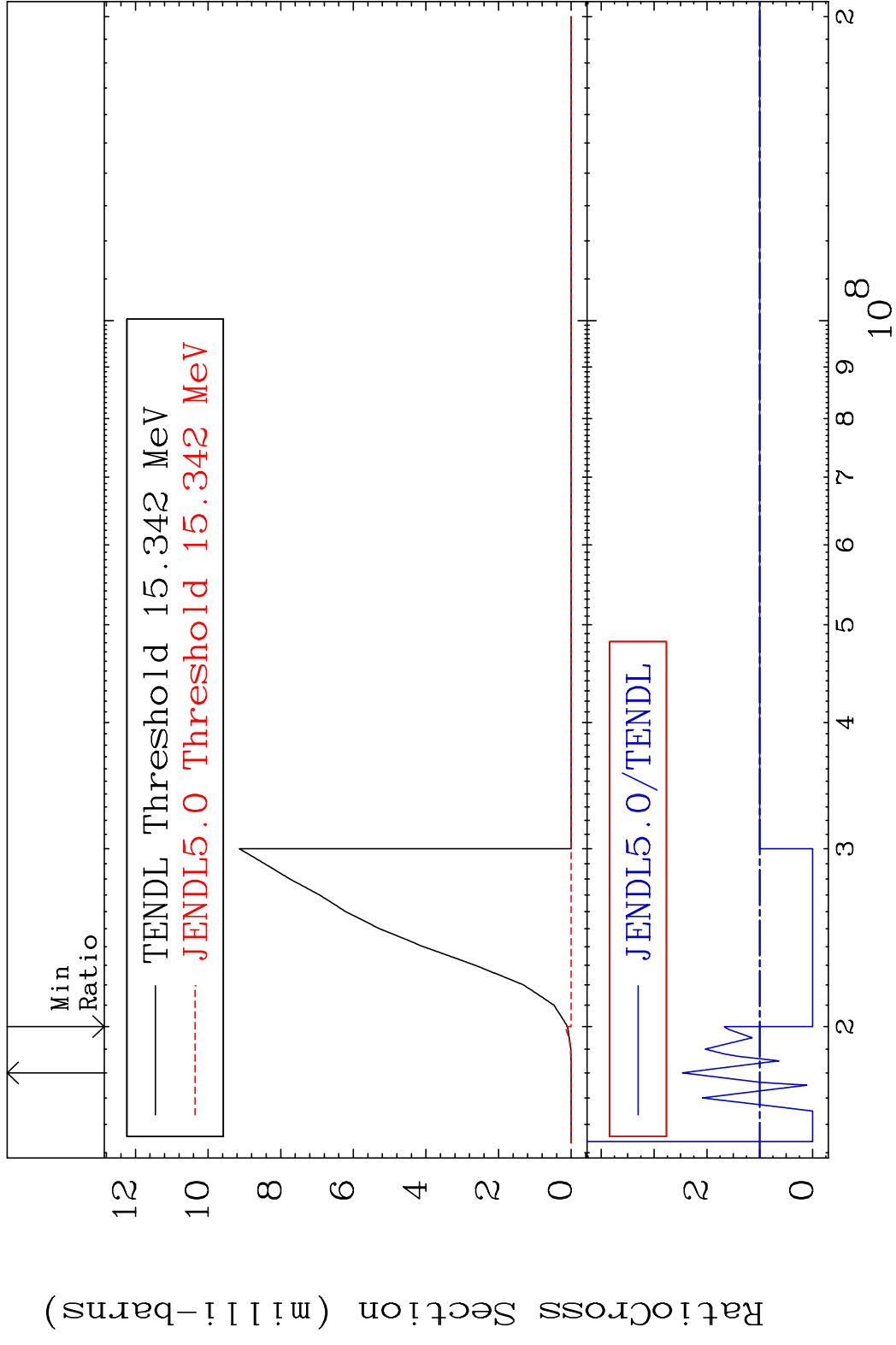
46 Incident Energy (eV) 22-Ti-46

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

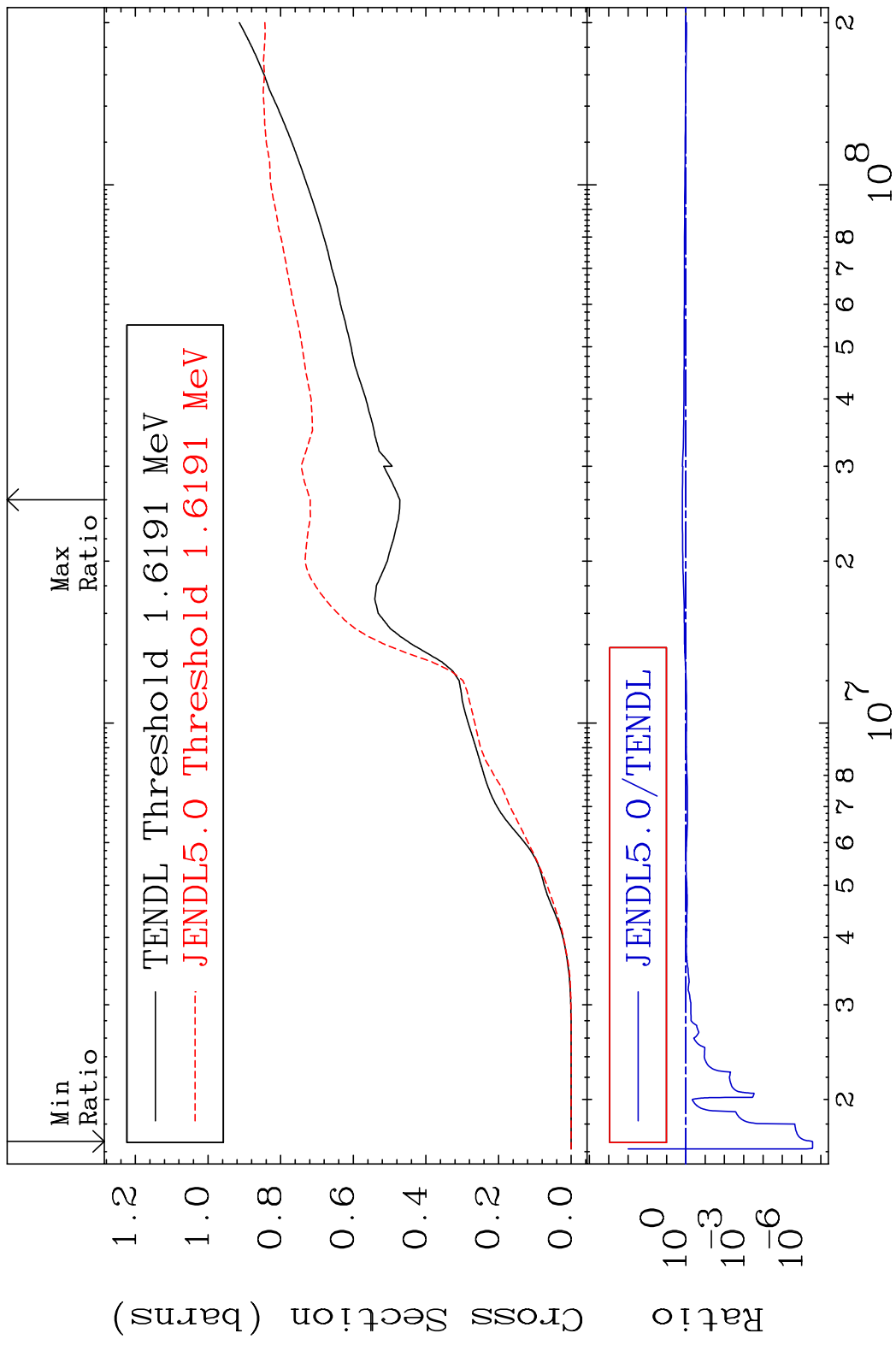




MAT 2225 (n,p) d 22-Ti-46  
 Cross Section -100.0 To 146.5 %



MAT 2225 Hydrogen Production 22-Ti-46  
 Cross Section -100.0 To 52.25 %

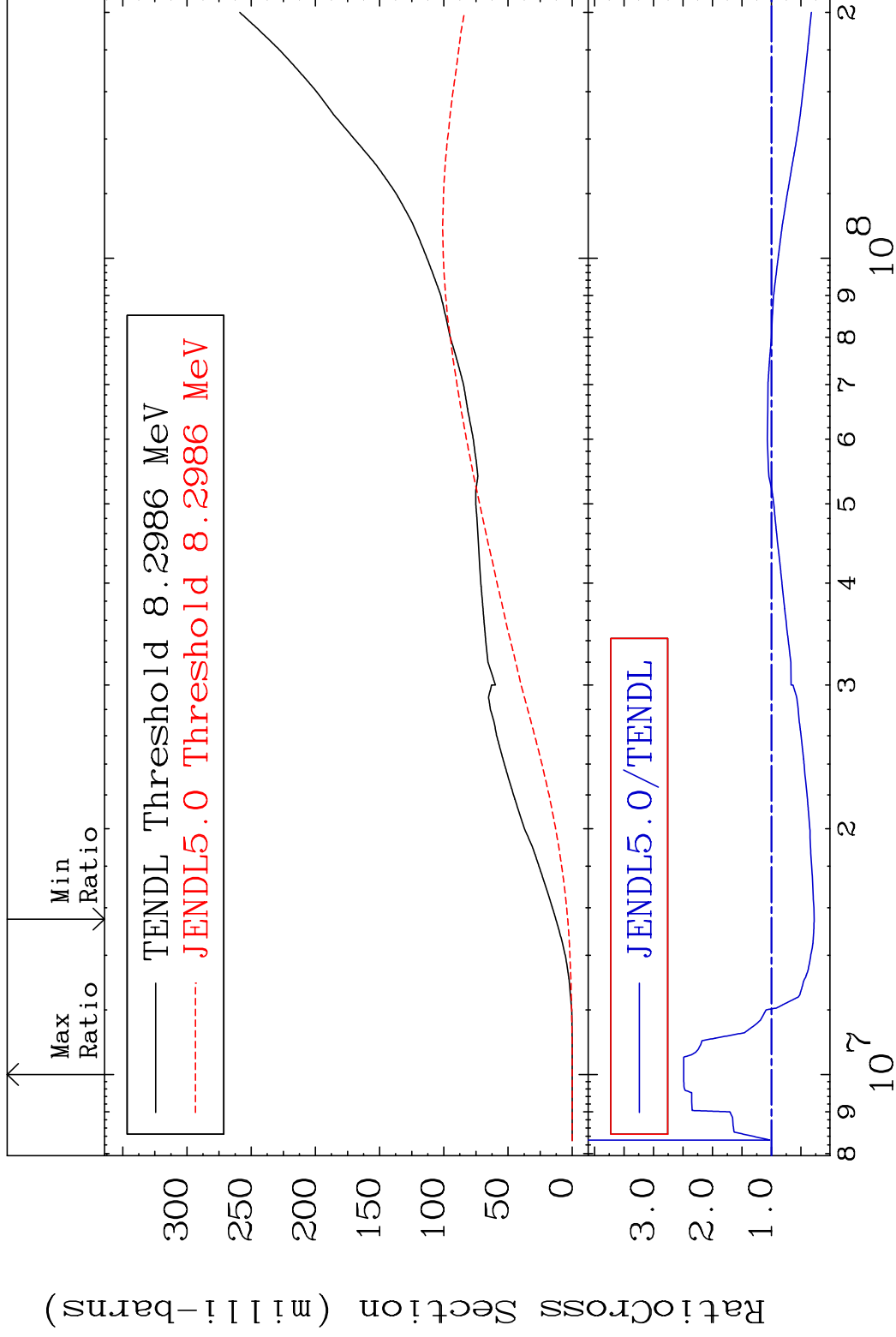


MAT 2225

Deuterium Production

<sup>22</sup>Ti-46

Cross Section -72.34 To 148.9 %

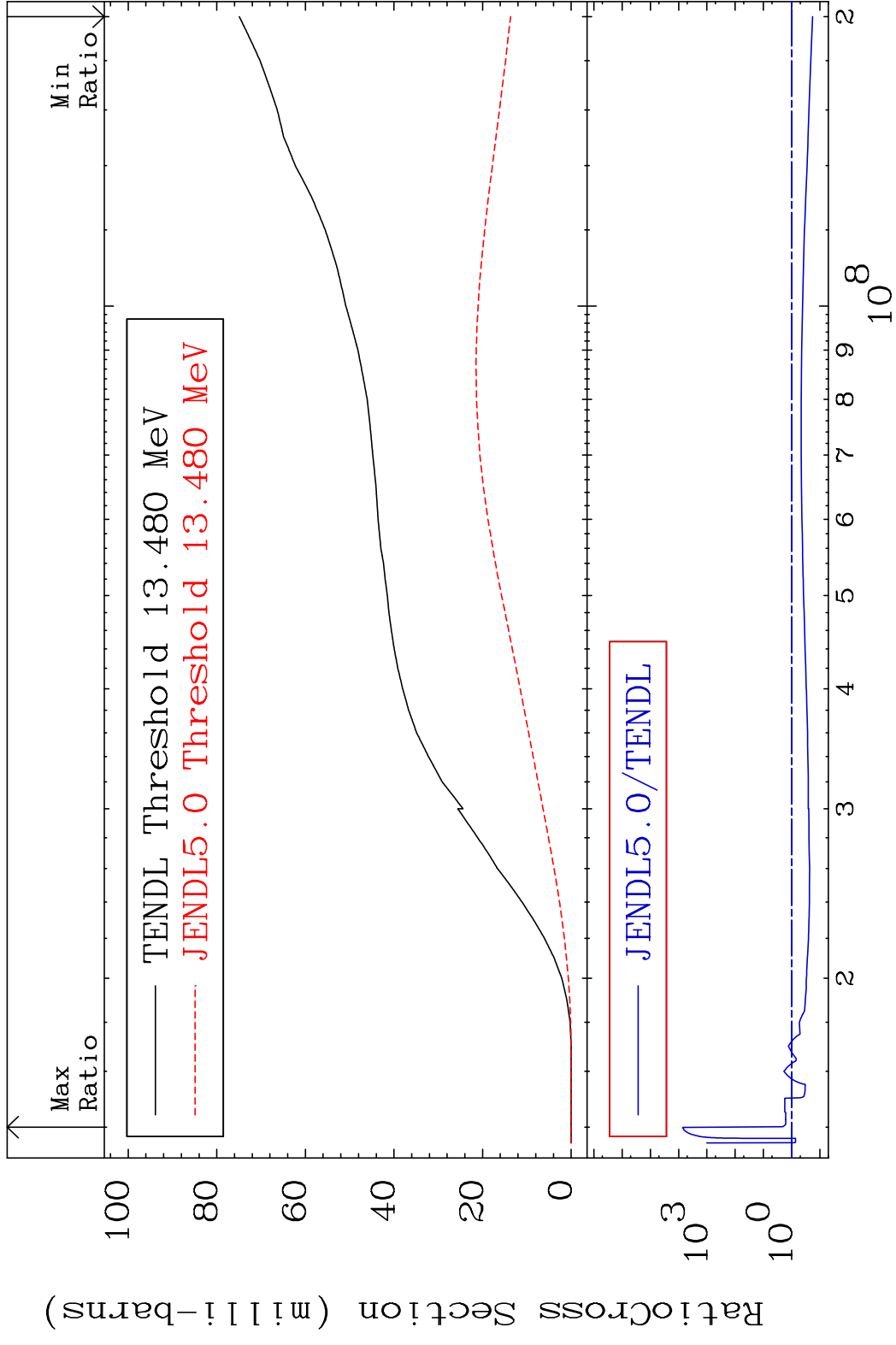


50

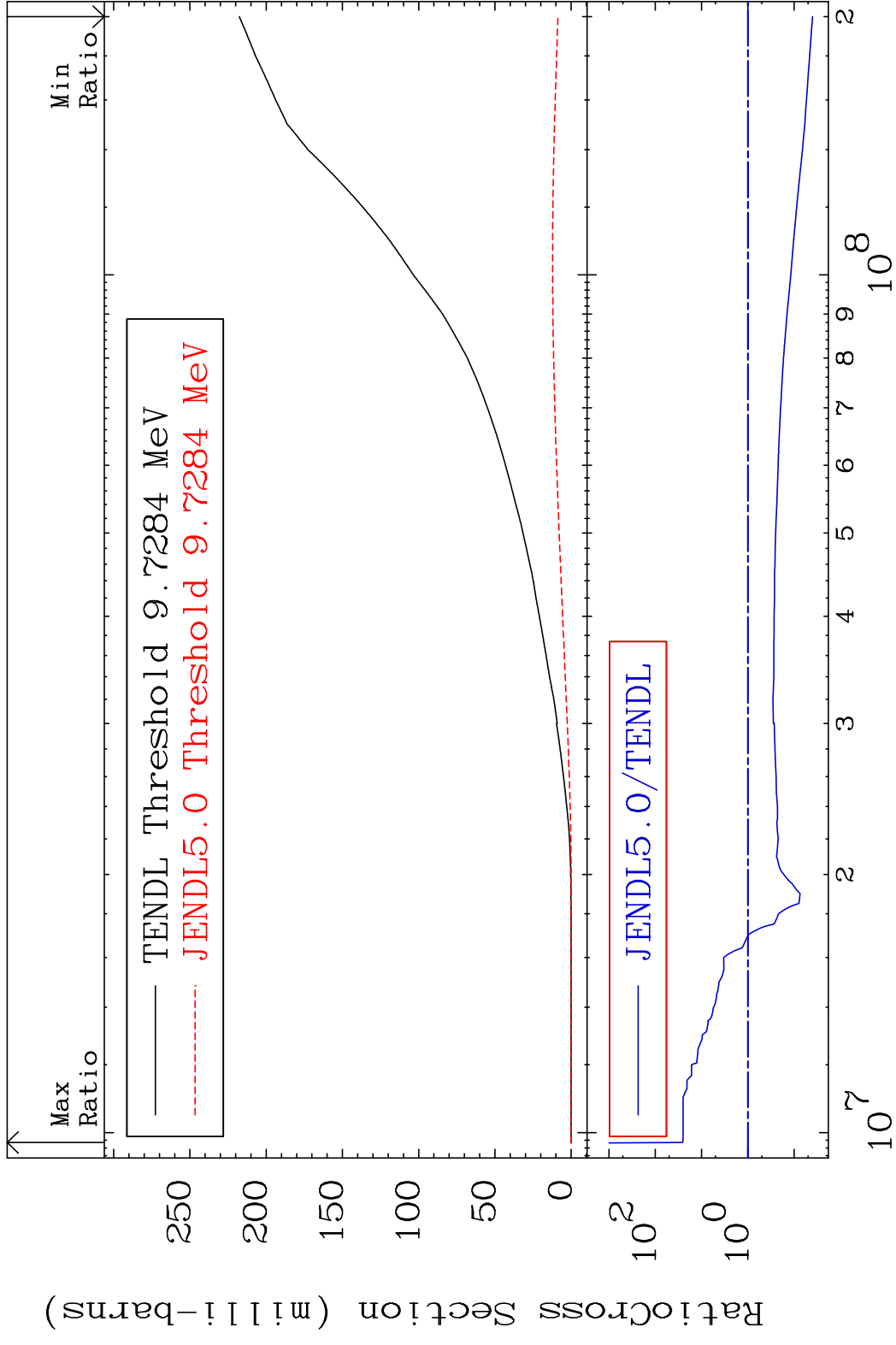
Incident Energy (eV)

<sup>22</sup>Ti-46

MAT 2225 Tritium Production 22-Ti-46  
 Cross Section -81.76 To 9999. %

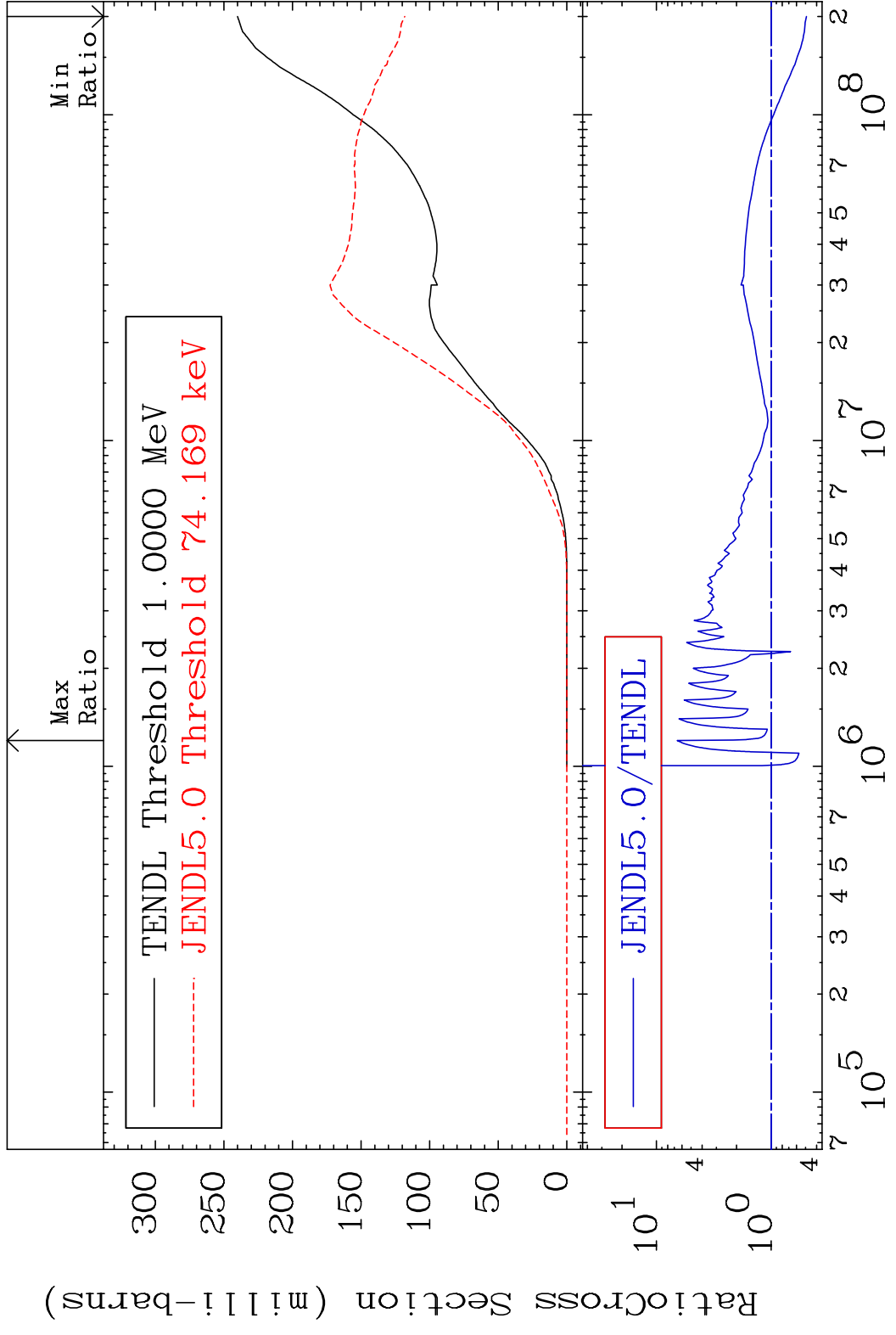


MAT 2225 He-3 Production 22-Ti-46  
 Cross Section -96.01 To 2495. %

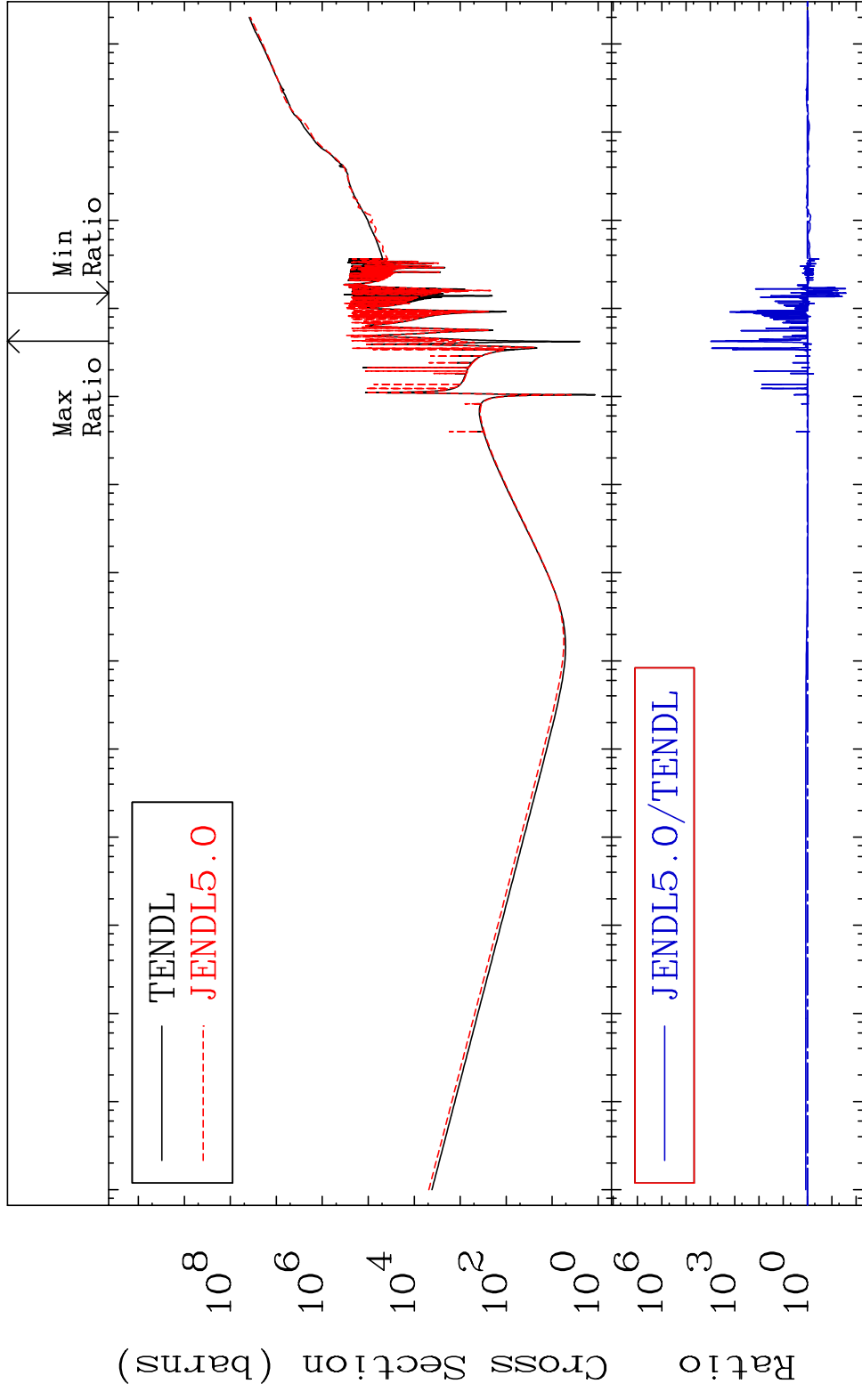


52 22-Ti-46

MAT 2225 He-4 Production 22-Ti-46  
 Cross Section -50.77 To 559.9 %



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

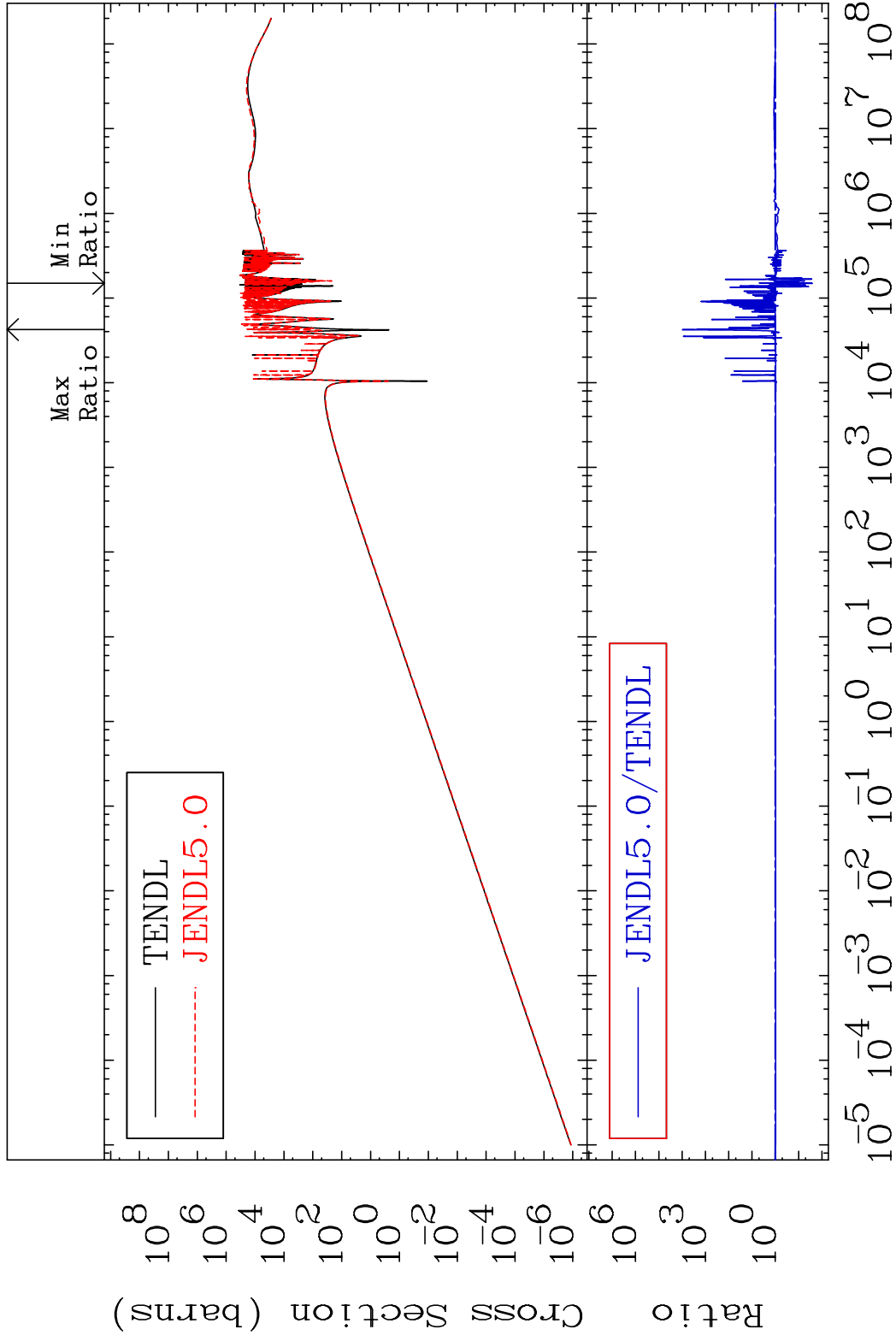


MAT 2225

Kerma elastic

22-Ti-46

Cross Section -97.48 To 9999. %



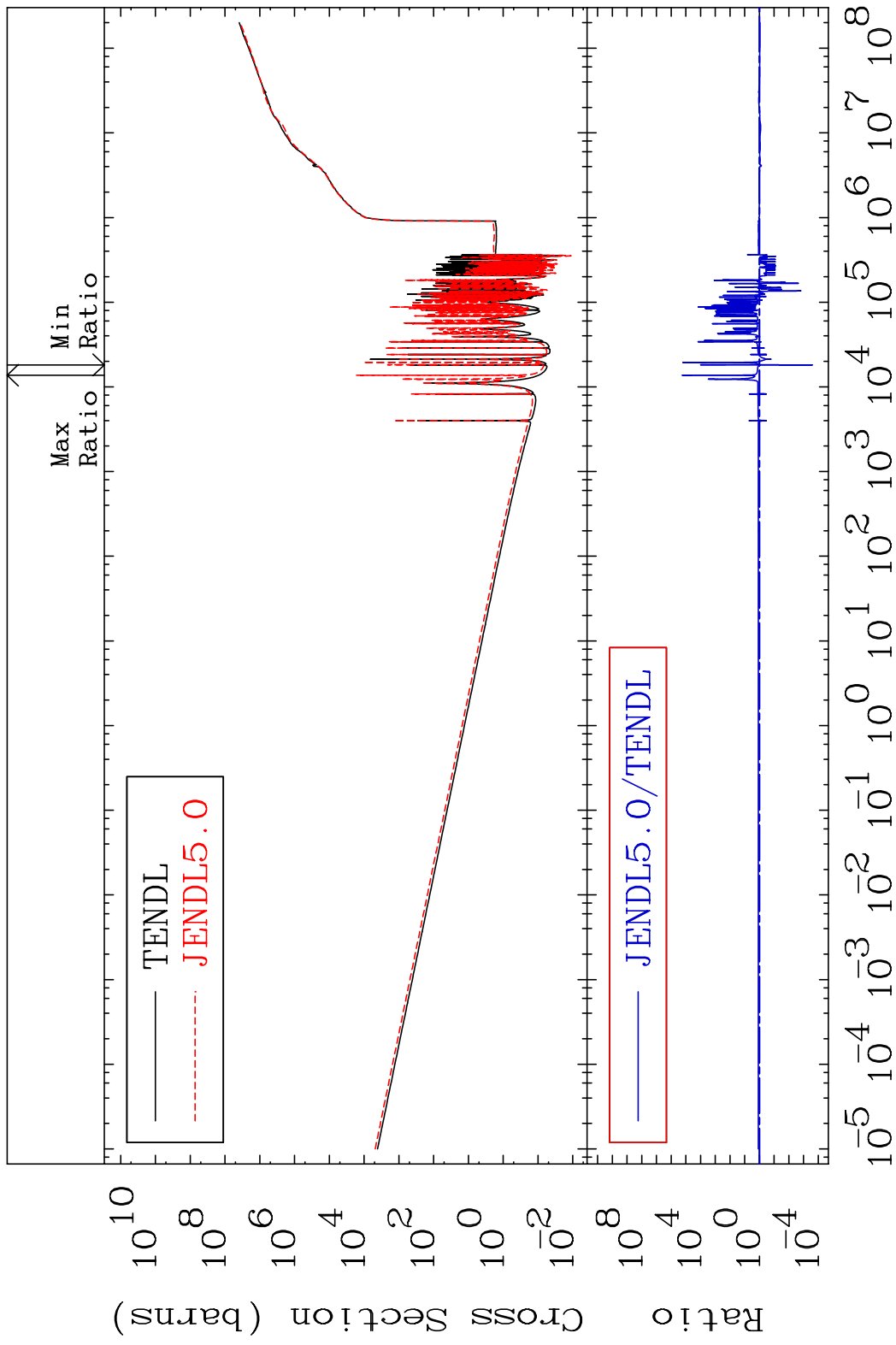
55

Incident Energy (eV)

22-Ti-46

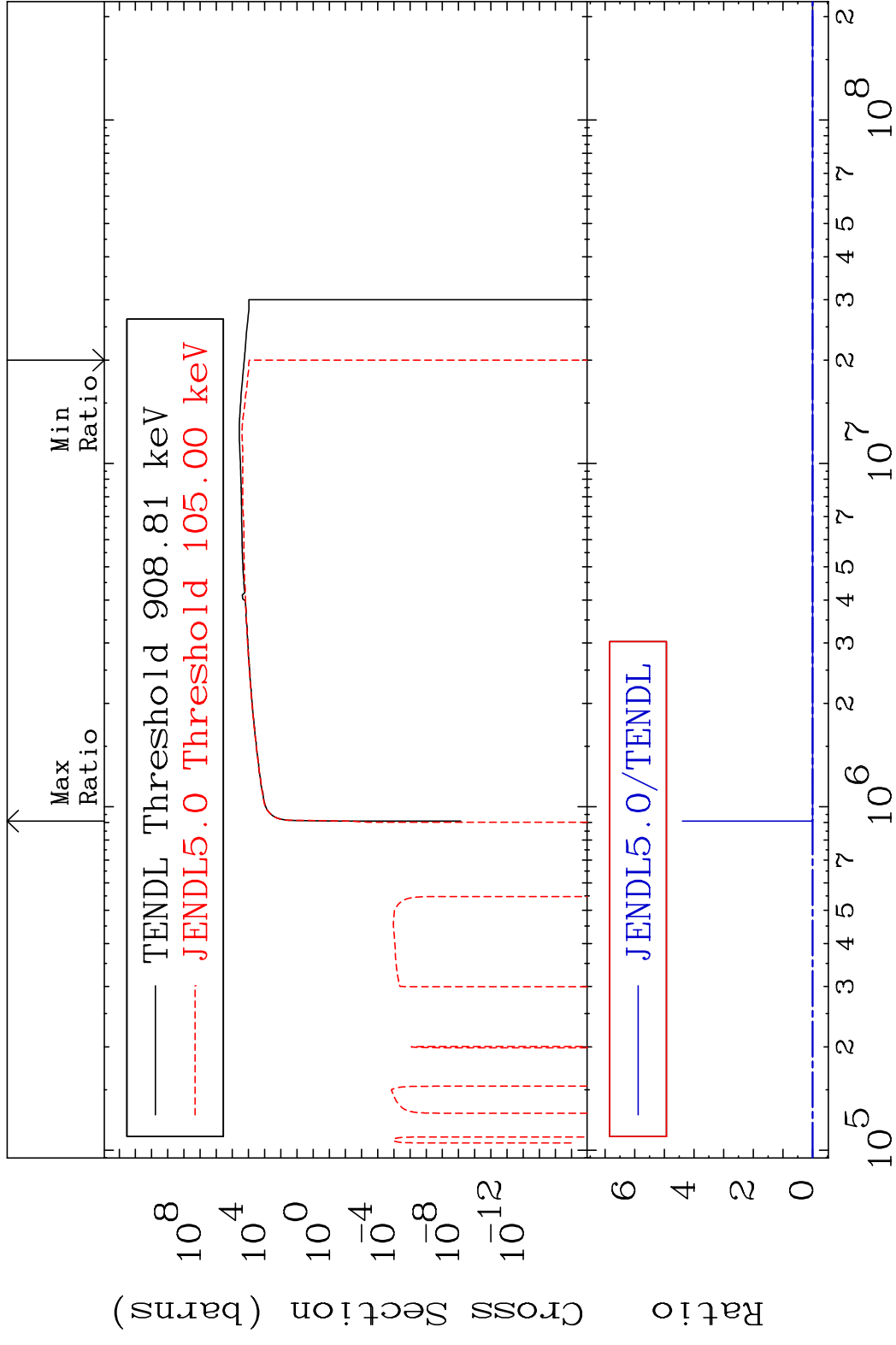


MAT 2225 Kerma non-elastic (all but mt2) 22-Ti-46  
 Cross Section -99.98 To 9999. %



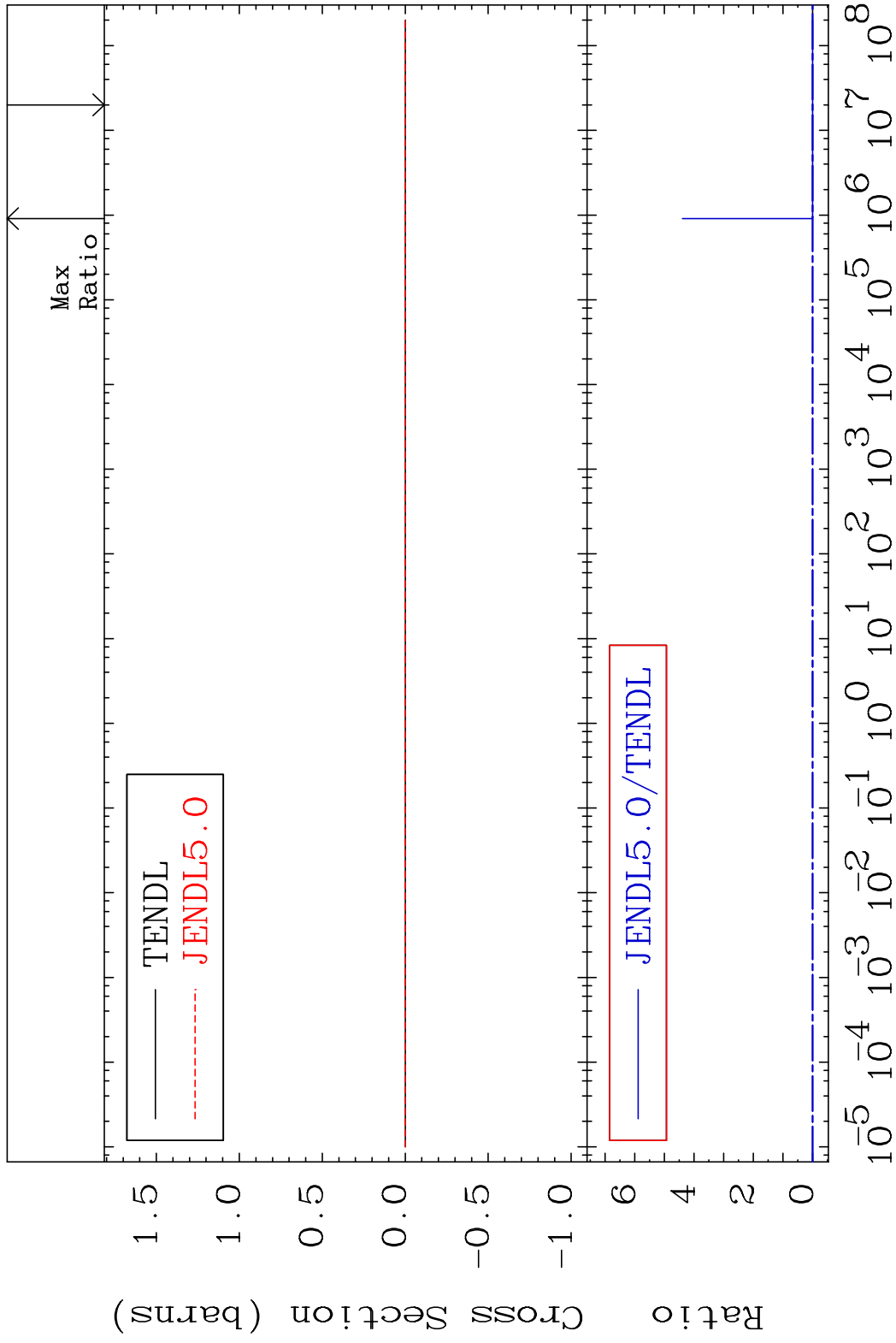
56 Incident Energy (eV) 22-Ti-46

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

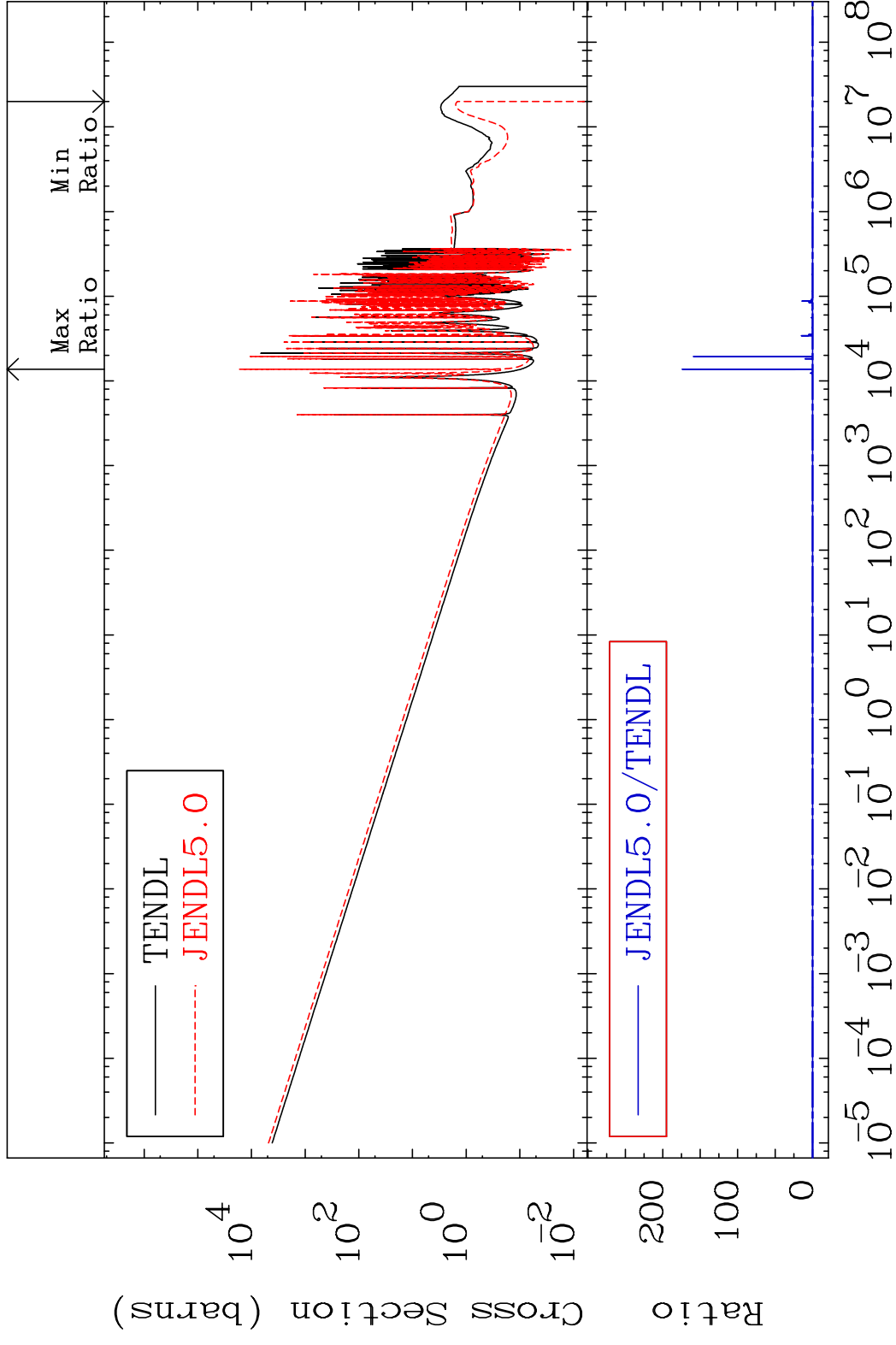


57 Incident Energy (eV) 22-Ti-46

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

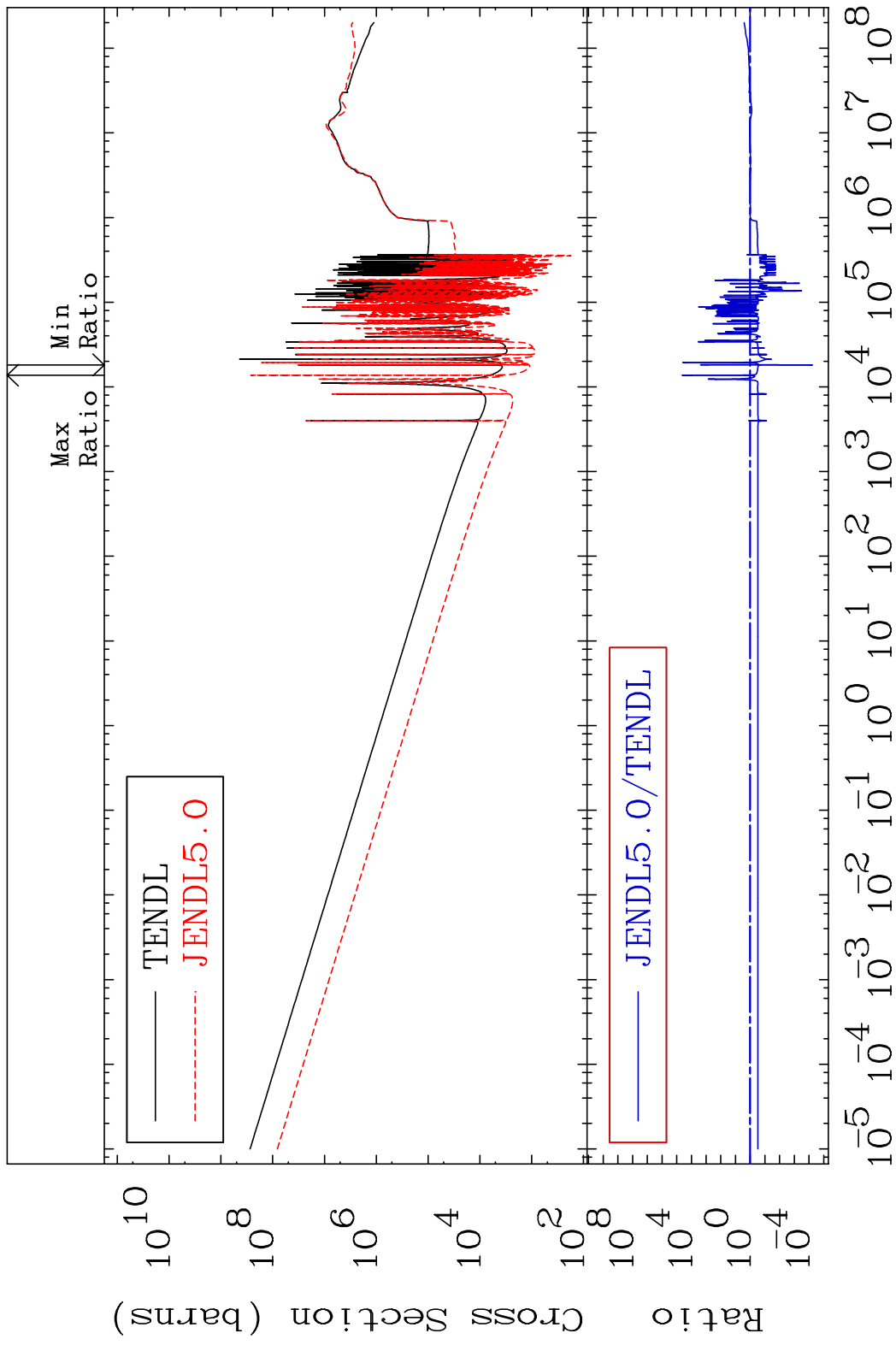


MAT 2225 Kerma capture (mt102) 22-Ti-46  
 Cross Section -100.0 To 9999. %



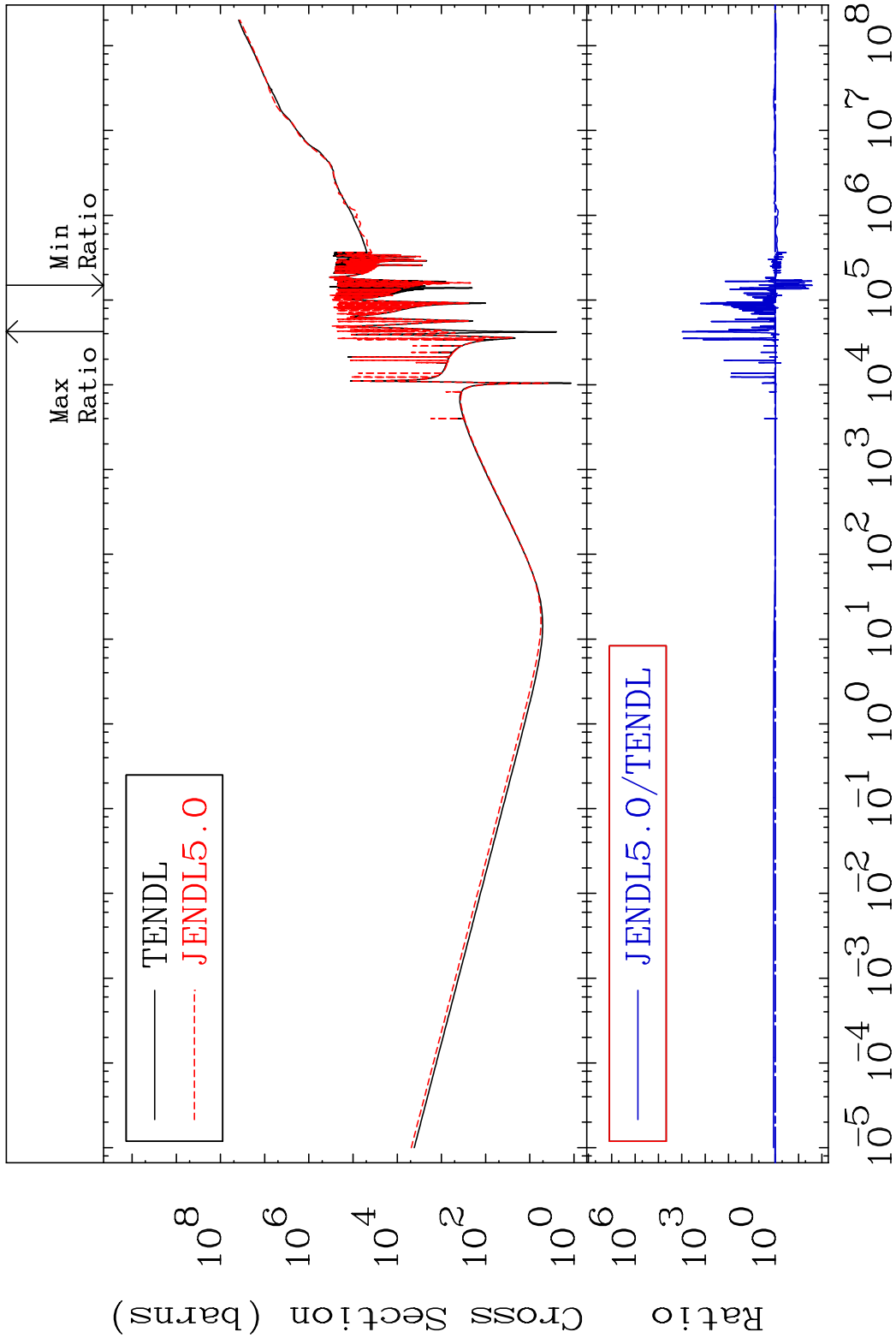
59 Incident Energy (eV) 22-Ti-46

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

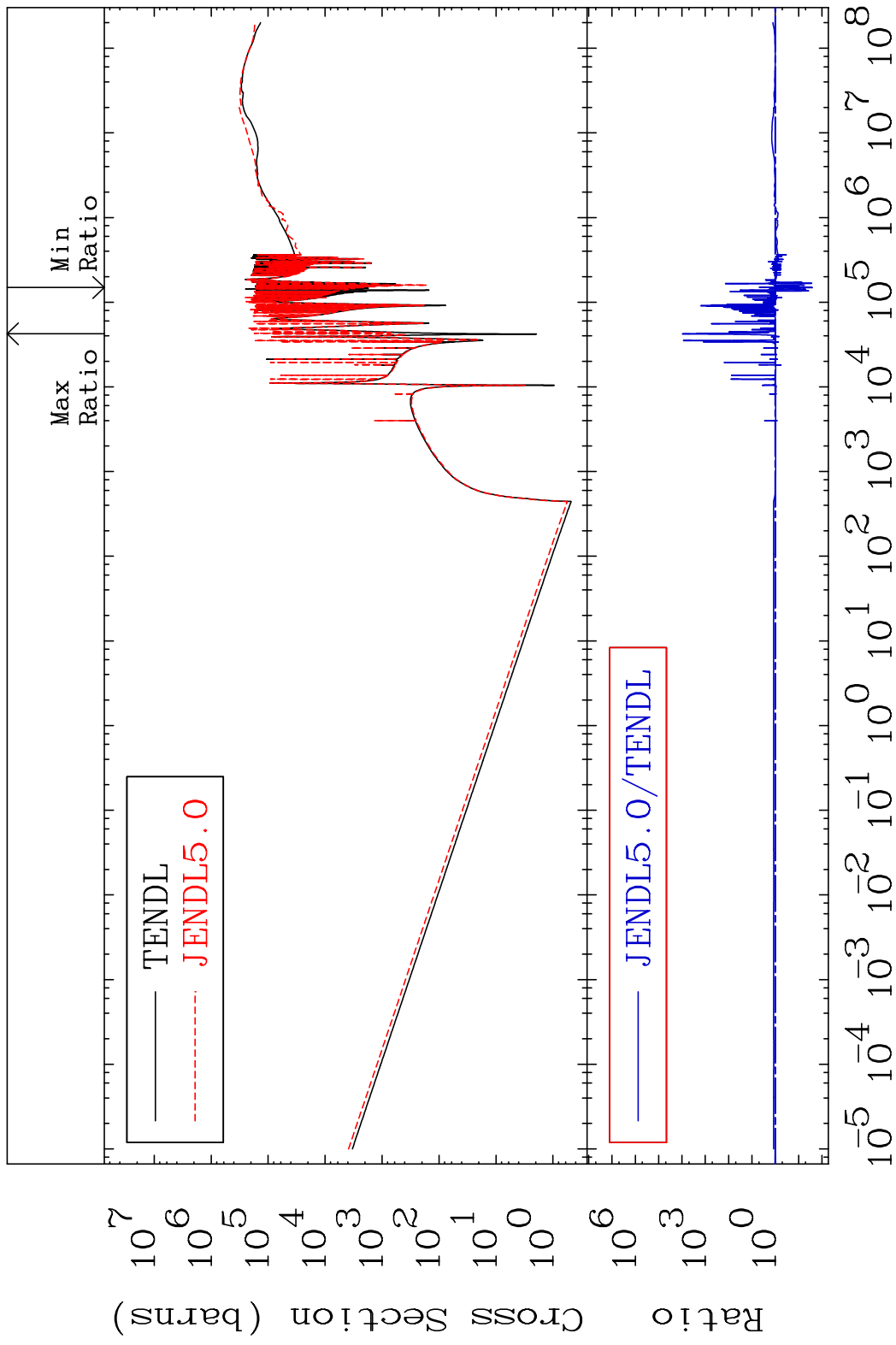


60 Incident Energy (eV) 22-Ti-46

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. %

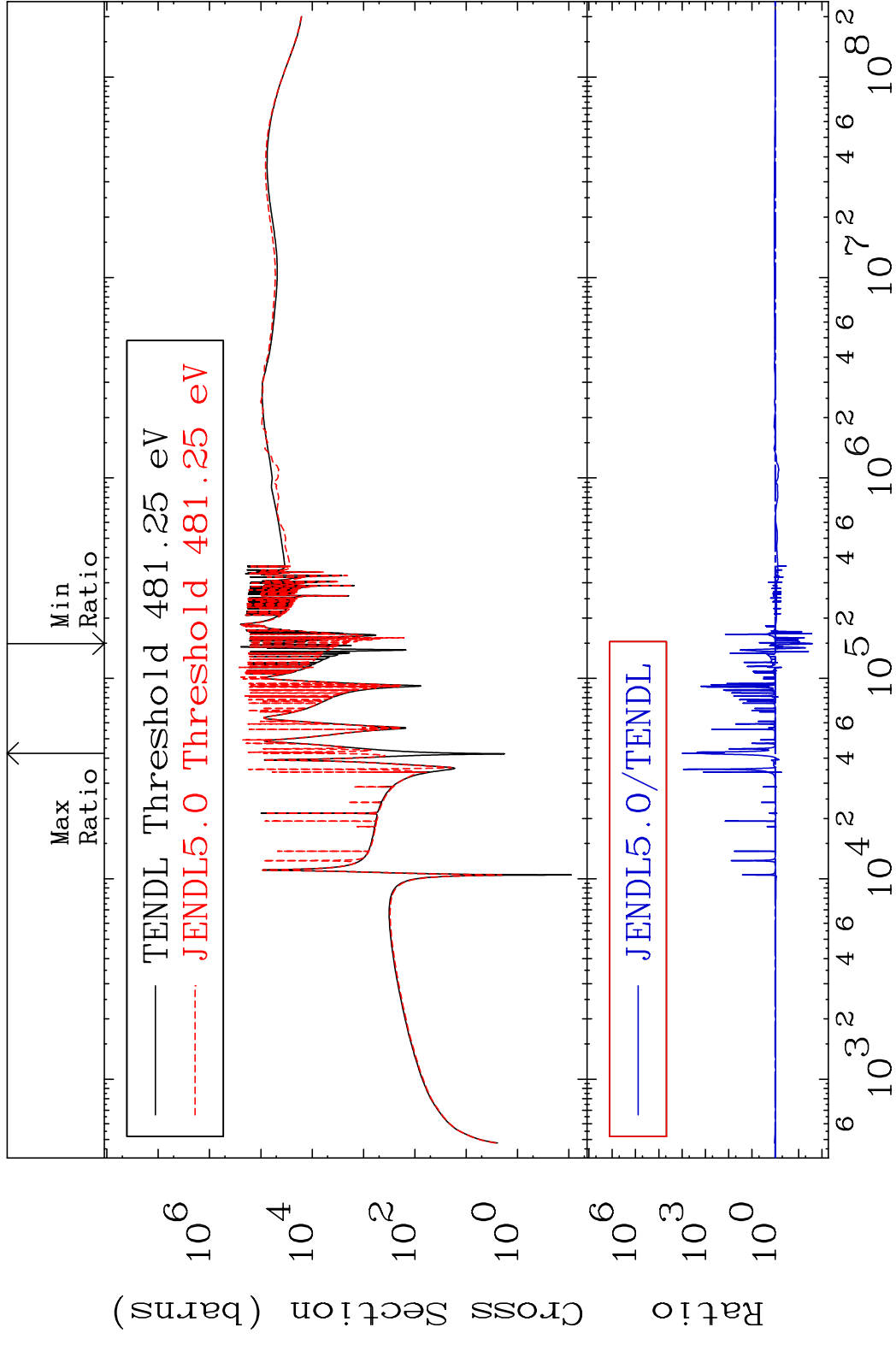


MAT 2225

Dpa elastic (mt2)

22-Ti-46

Cross Section -97.48 To 9999. %



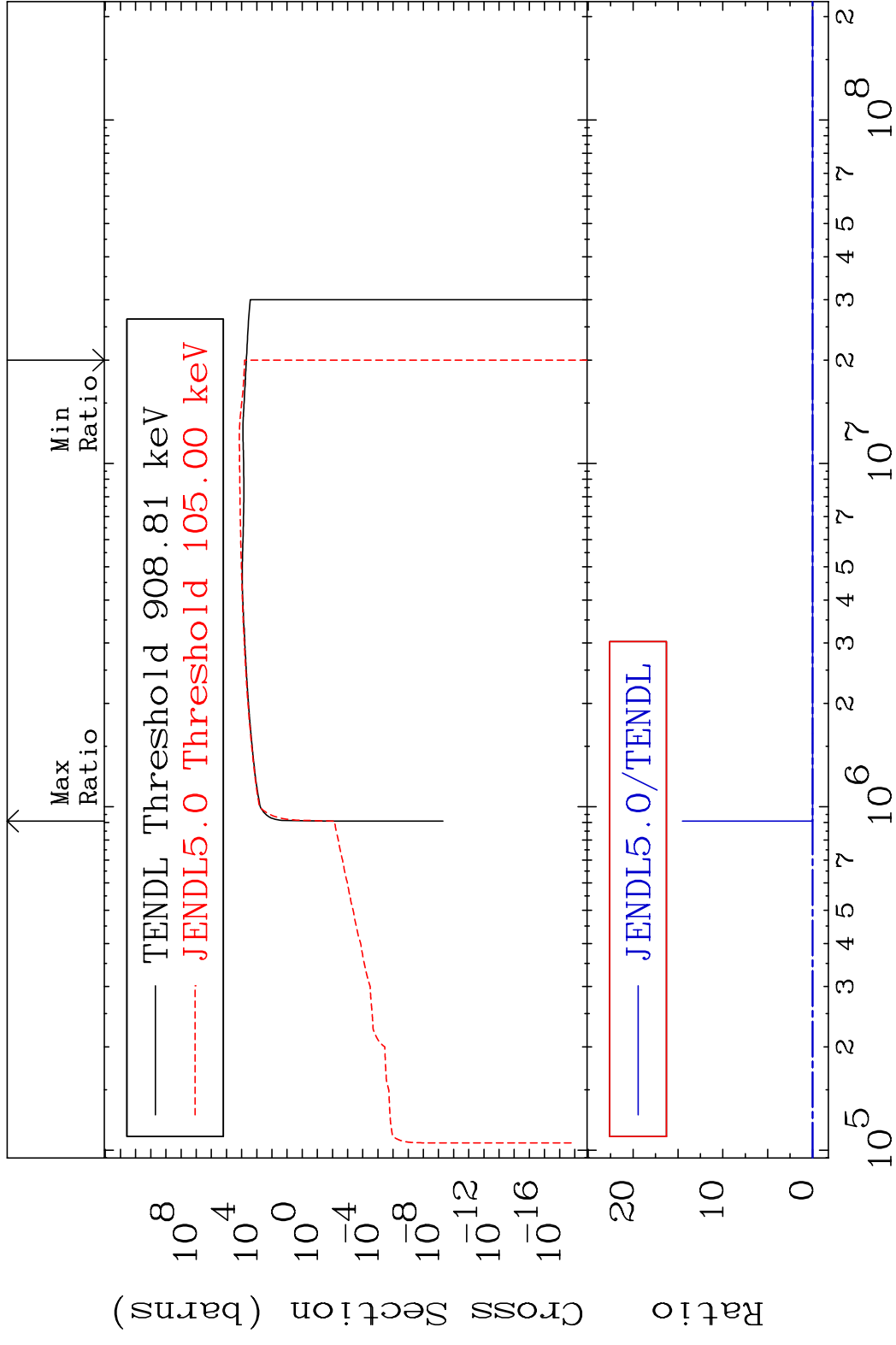
63

Incident Energy (eV)

22-Ti-46

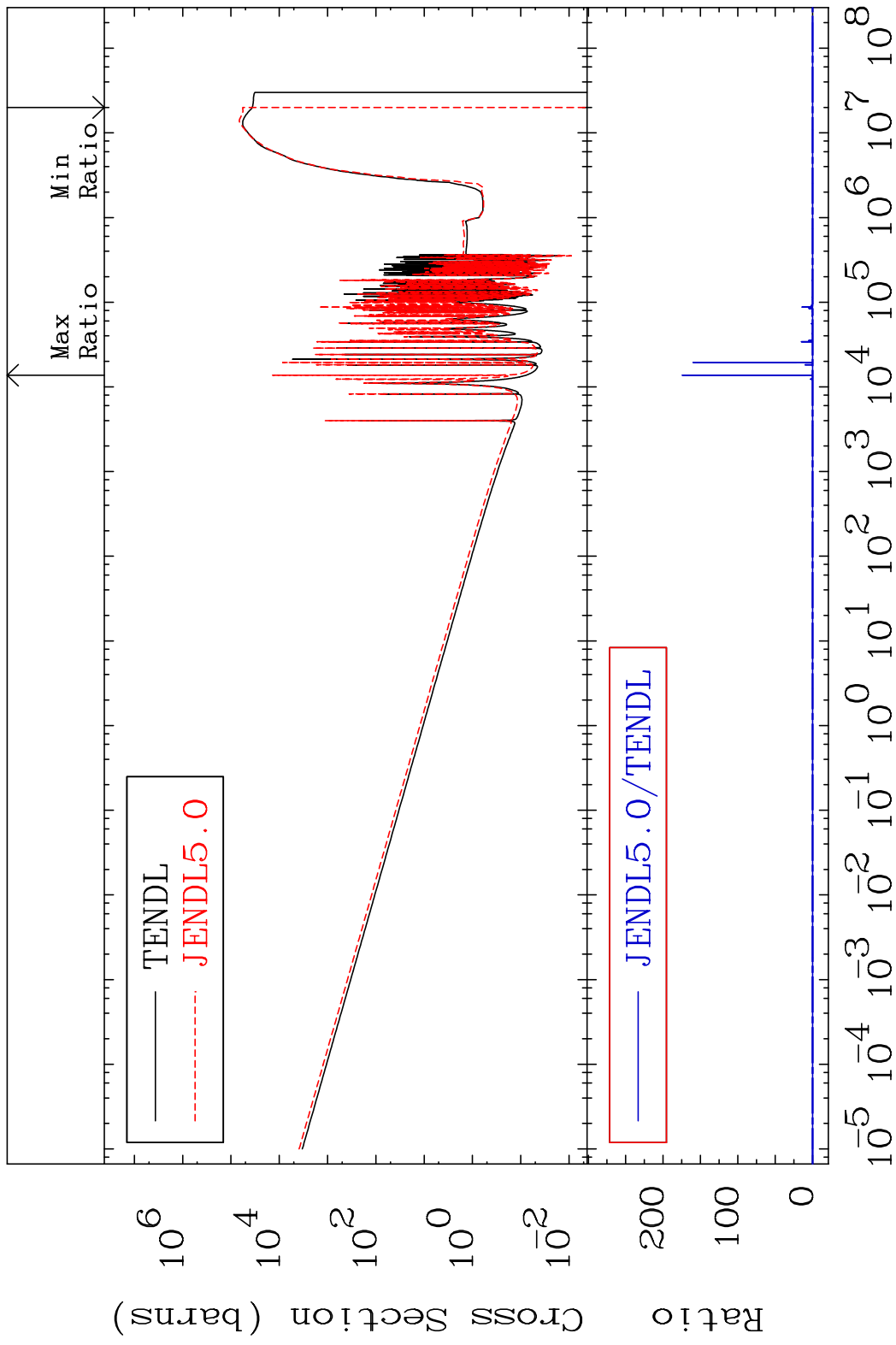


MAT 2225 Dpa inelastic (mt51-91) 22-Ti-46  
 Cross Section -100.0 To 9999. %



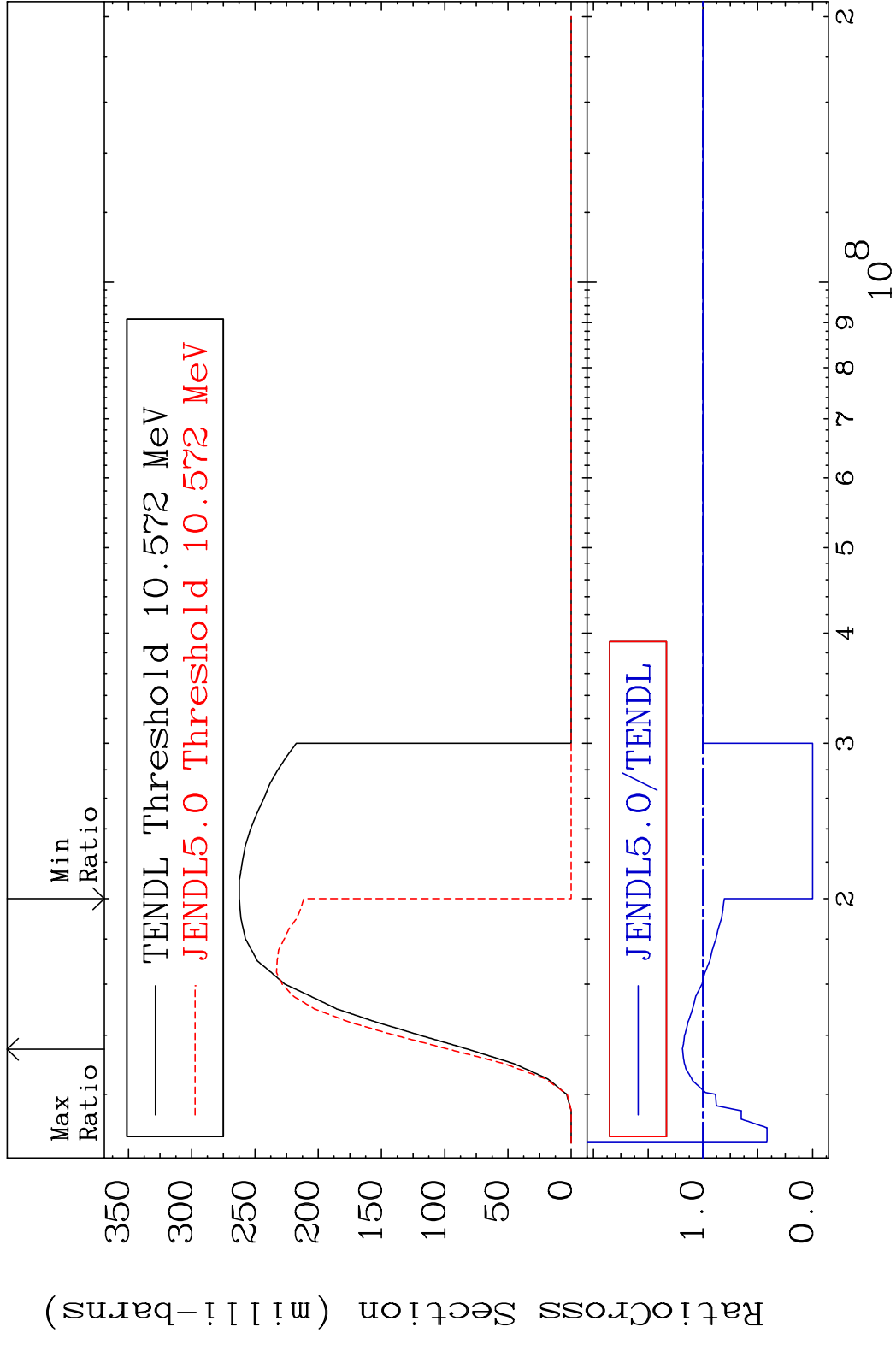
64 Incident Energy (eV) 22-Ti-46

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

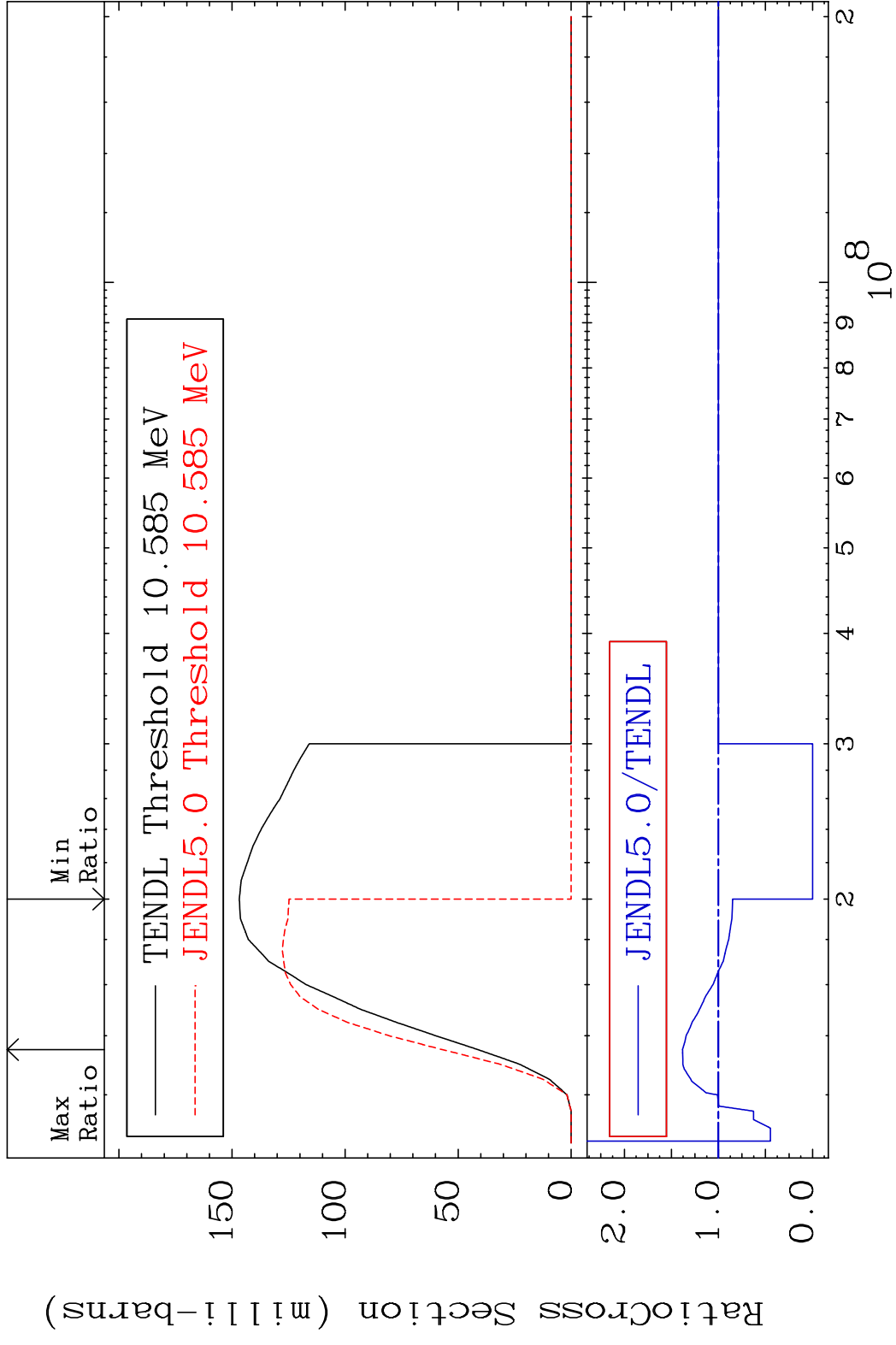


65 Incident Energy (eV) 22-Ti-46

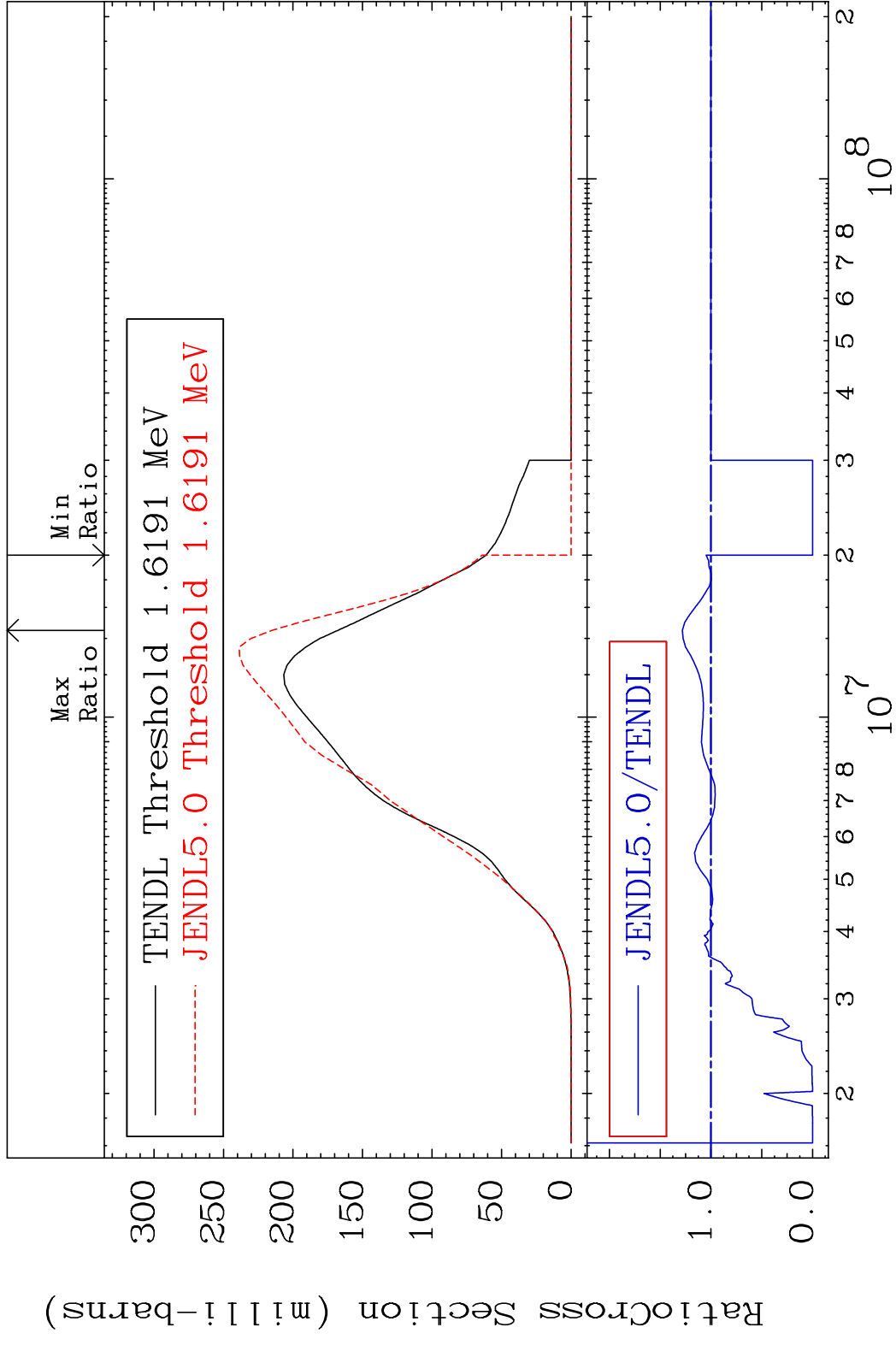
MAT 2225 (n, n') p:21-Sc-45g 22-Ti-46  
 Radionuclide Production Cross Section 18.80 %



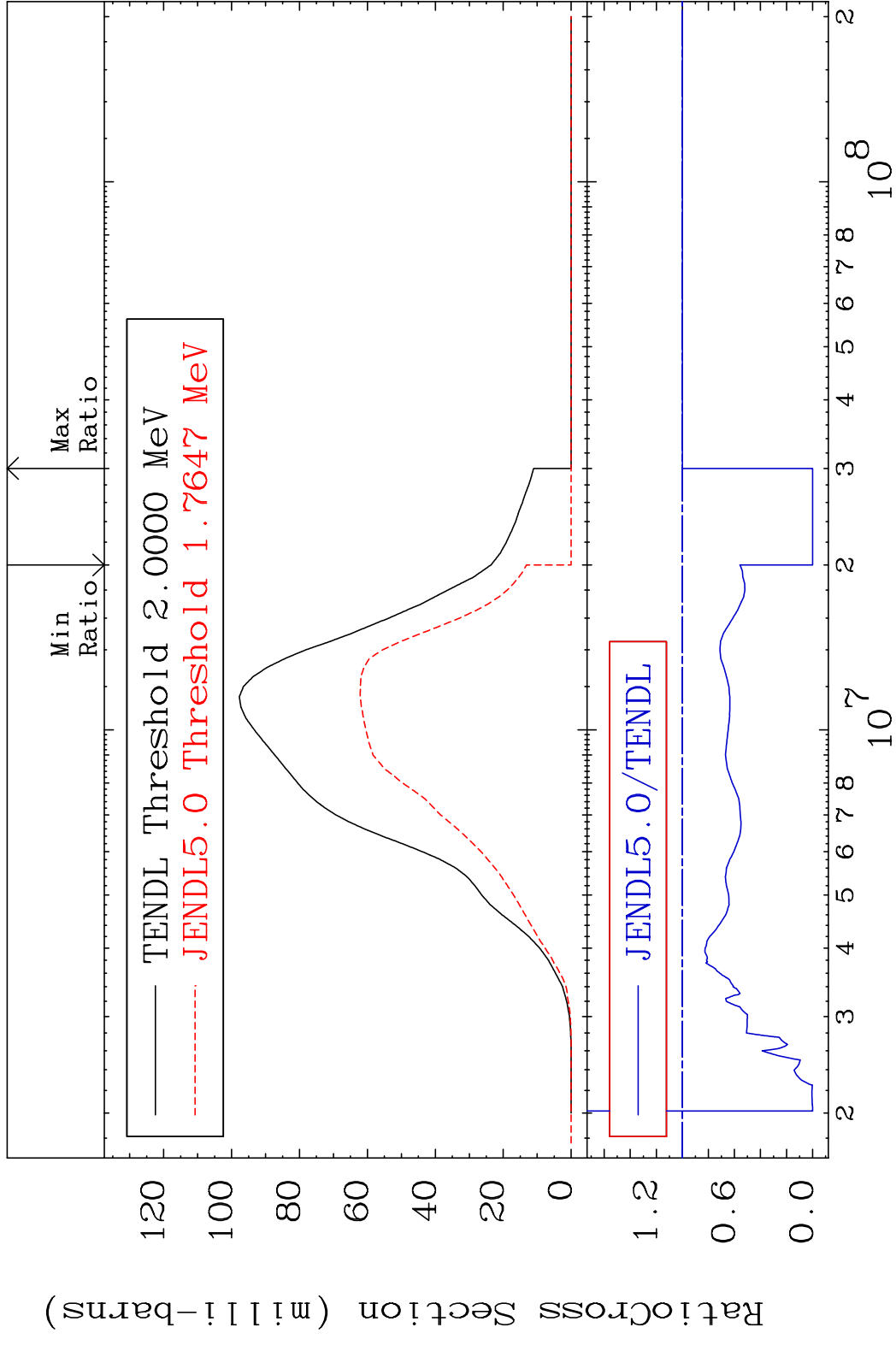
MAT 2225 (n, n') p:21-Sc-45m1 22-Ti-46  
 Radionuclide Production Cross Section 180.0 dth 38.37 %



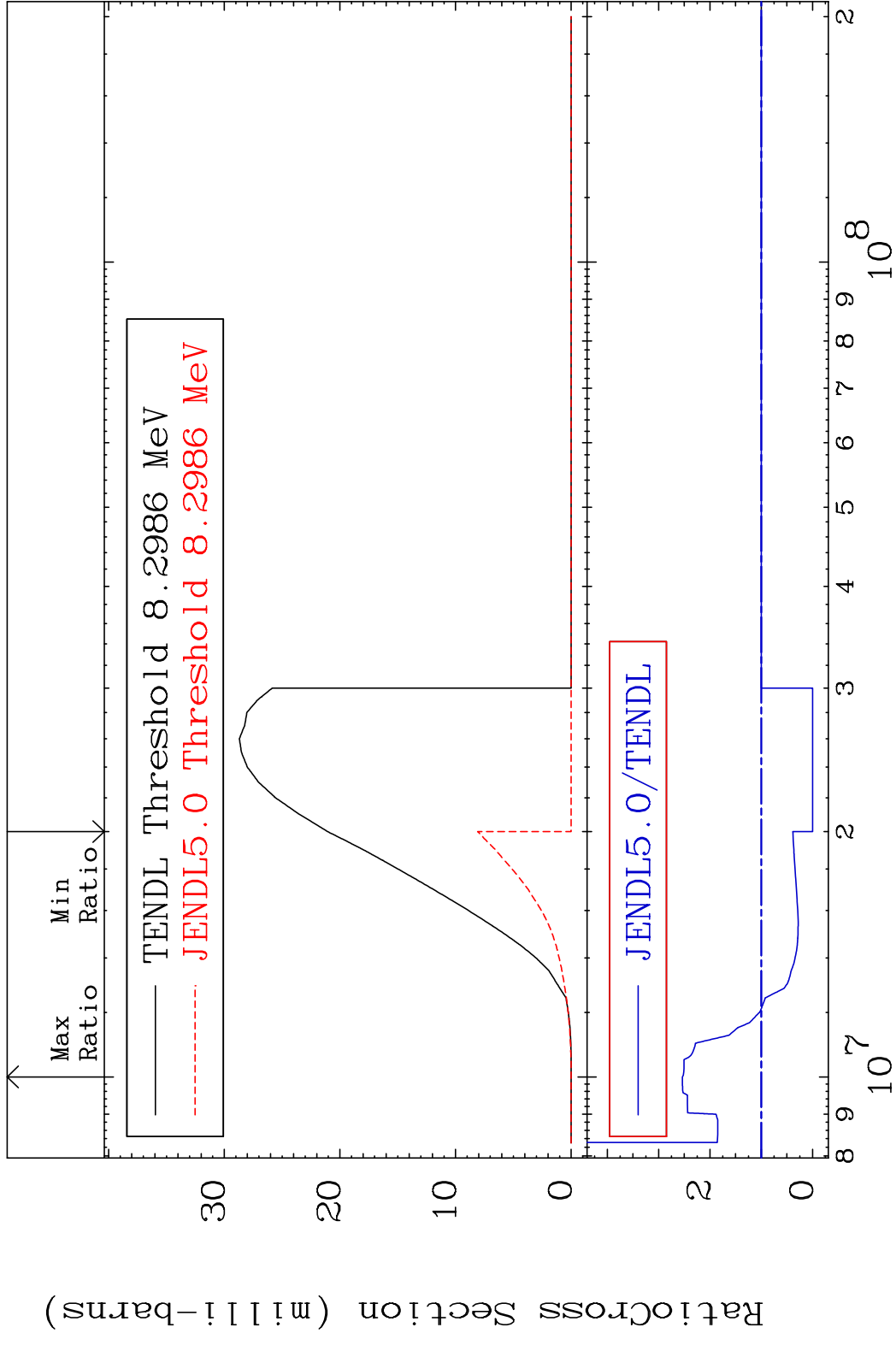
MAT 2225 (n, p):21-Sc-46g 22-Ti-46  
 Radionuclide Production Cross Section Ratio 28.19 %



MAT 2225 (n,p):21-Sc-46m2 22-Ti-46  
 Radionuclide Production Cross Section 180.0 mb 0.000 %

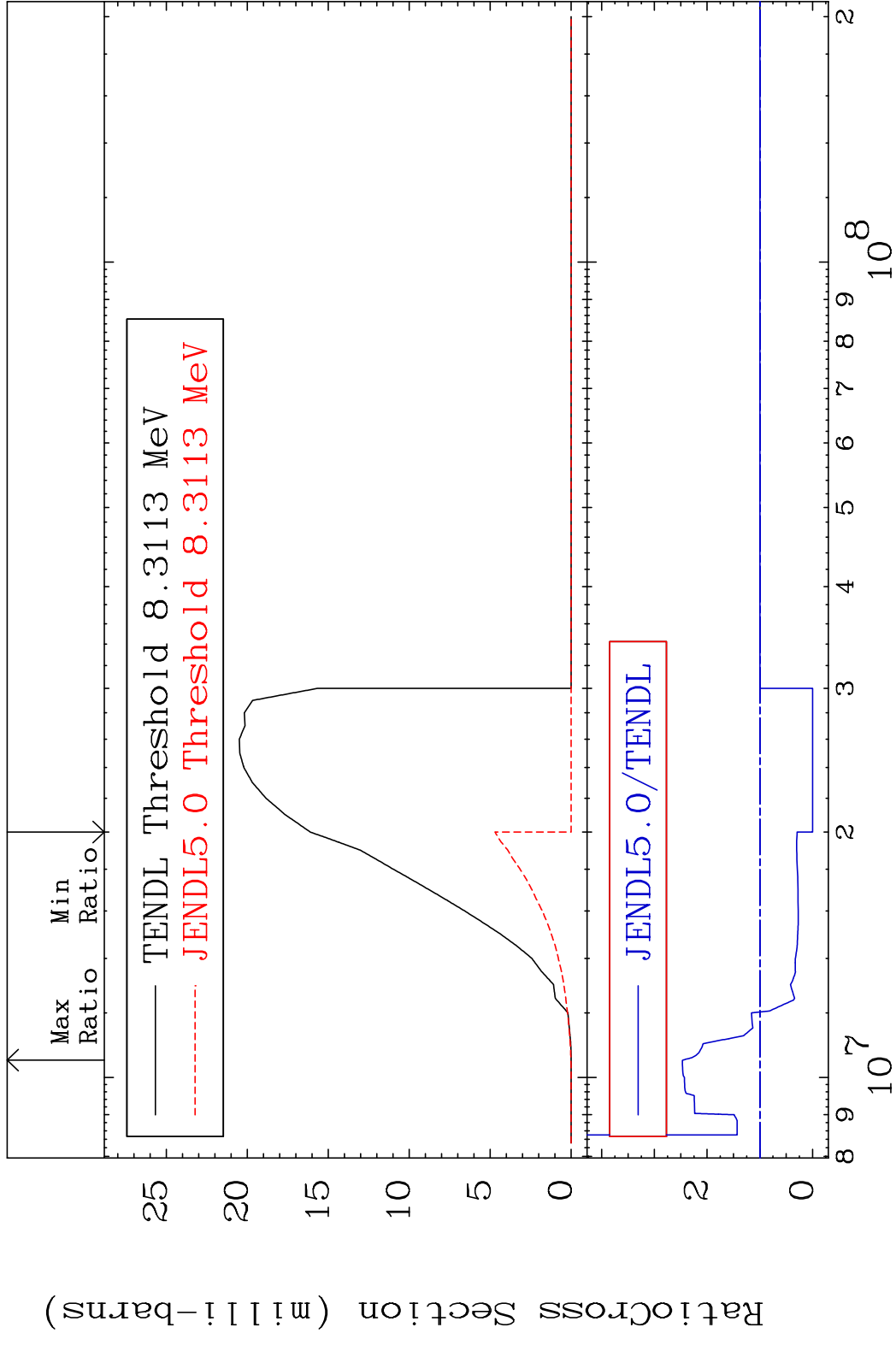


MAT 2225 (n, d):21-Sc-45g 22-Ti-46  
 Radionuclide Production Cross Section 153.7 %



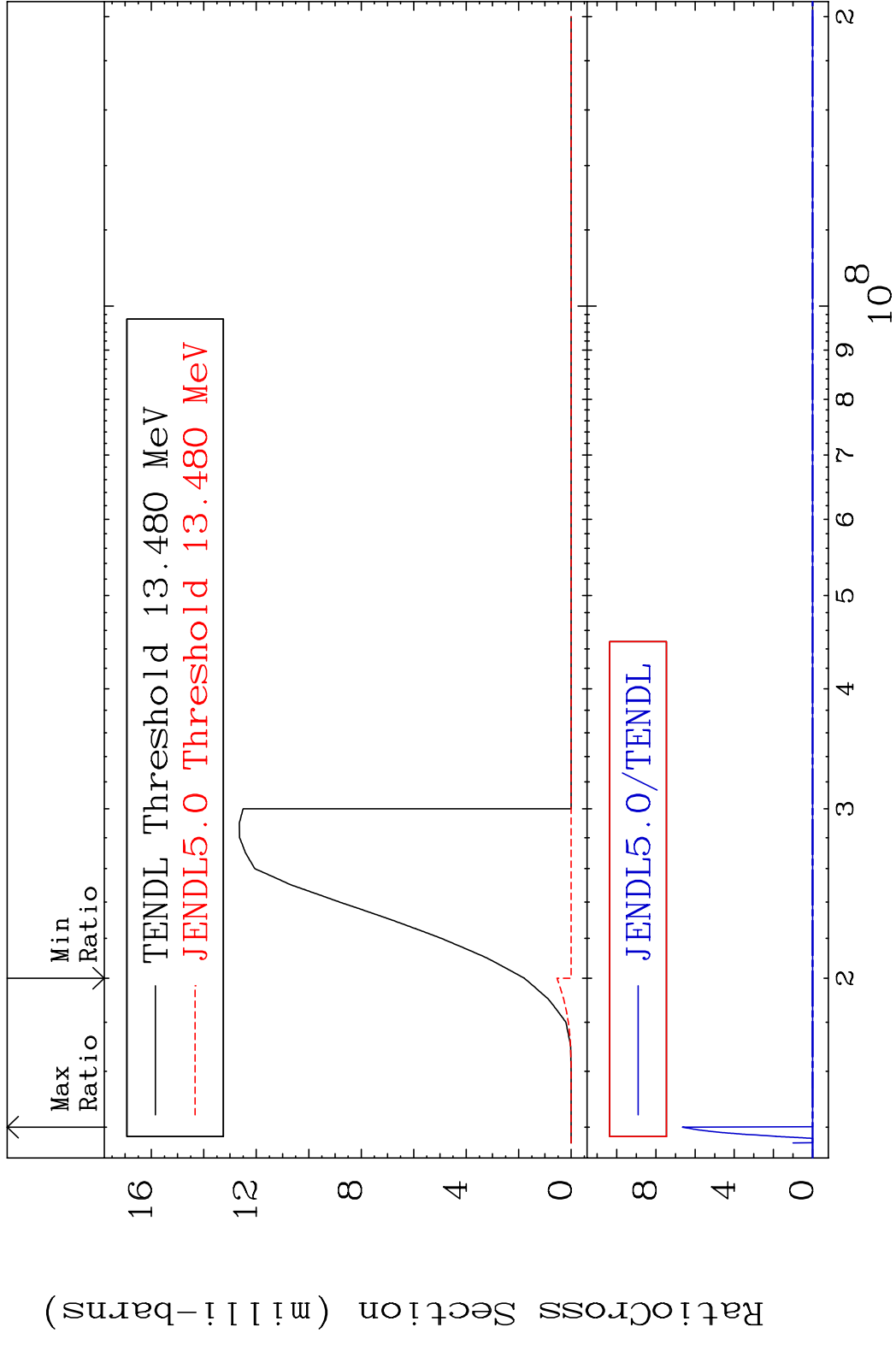
70 Incident Energy (eV) 22-Ti-46

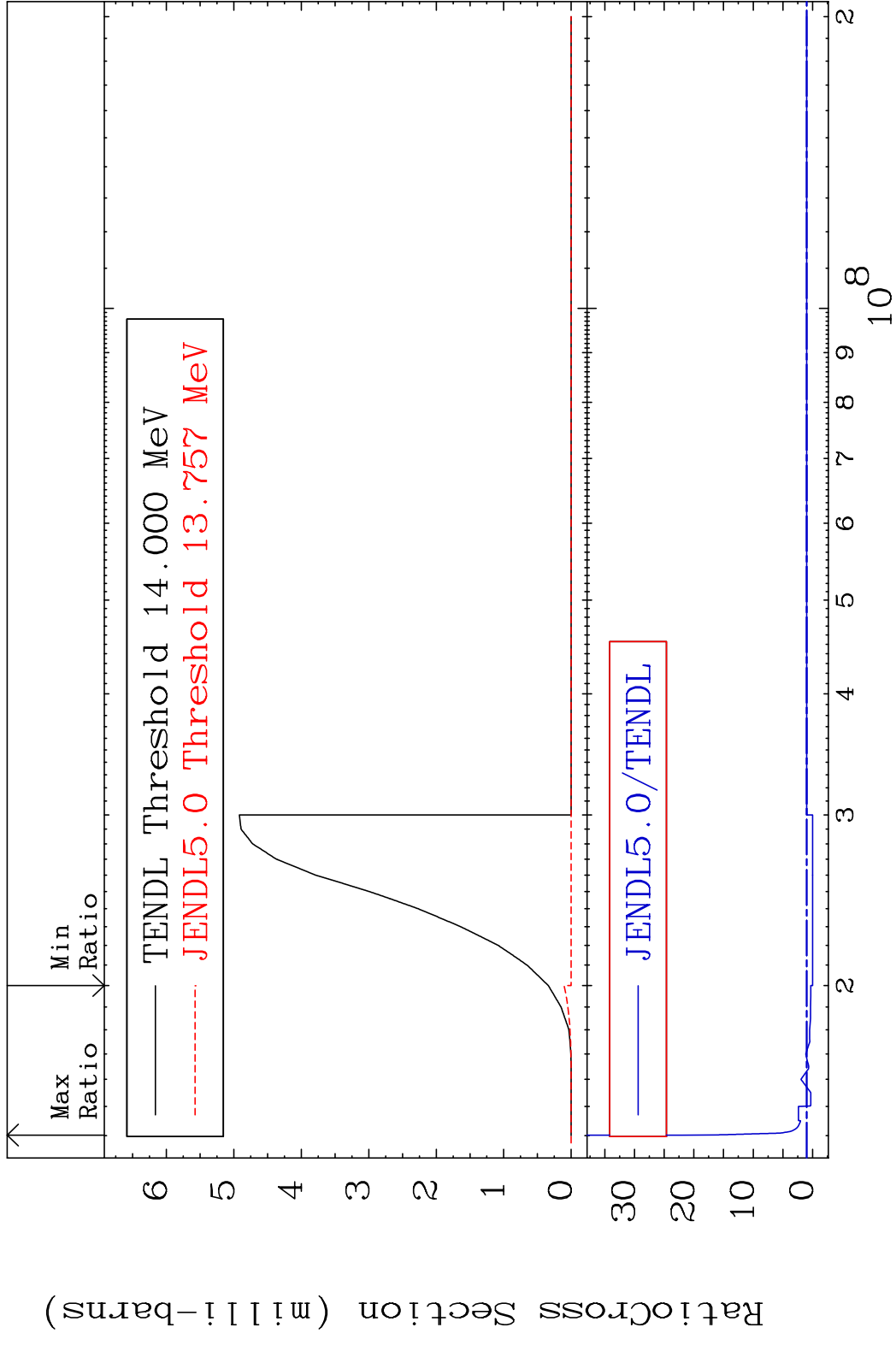
MAT 2225 (n,d):21-Sc-45m1 22-Ti-46  
 Radionuclide Production Cross Section 180.0 mb 147.0 %



71 Incident Energy (eV) 22-Ti-46





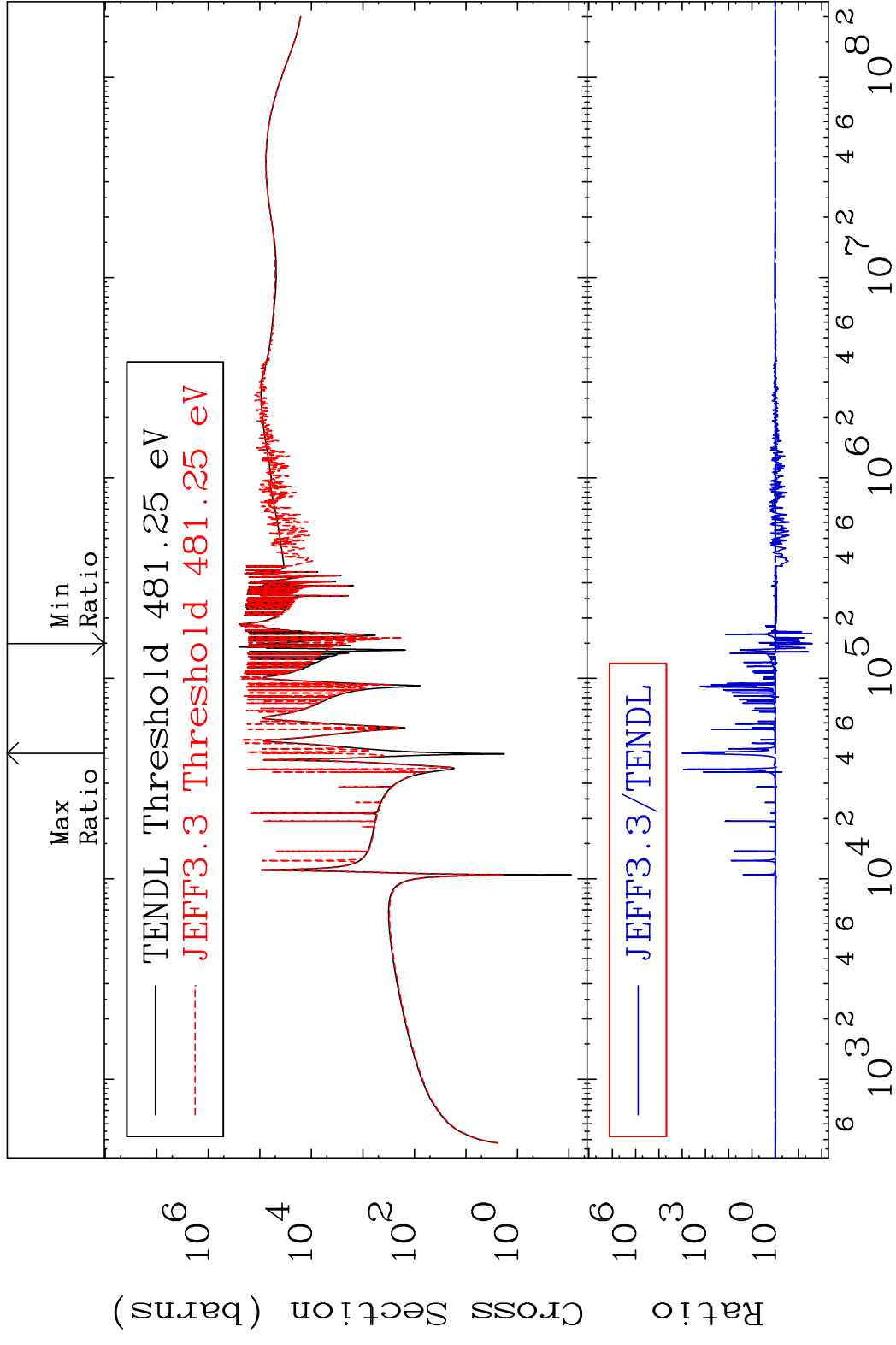


MAT 2225

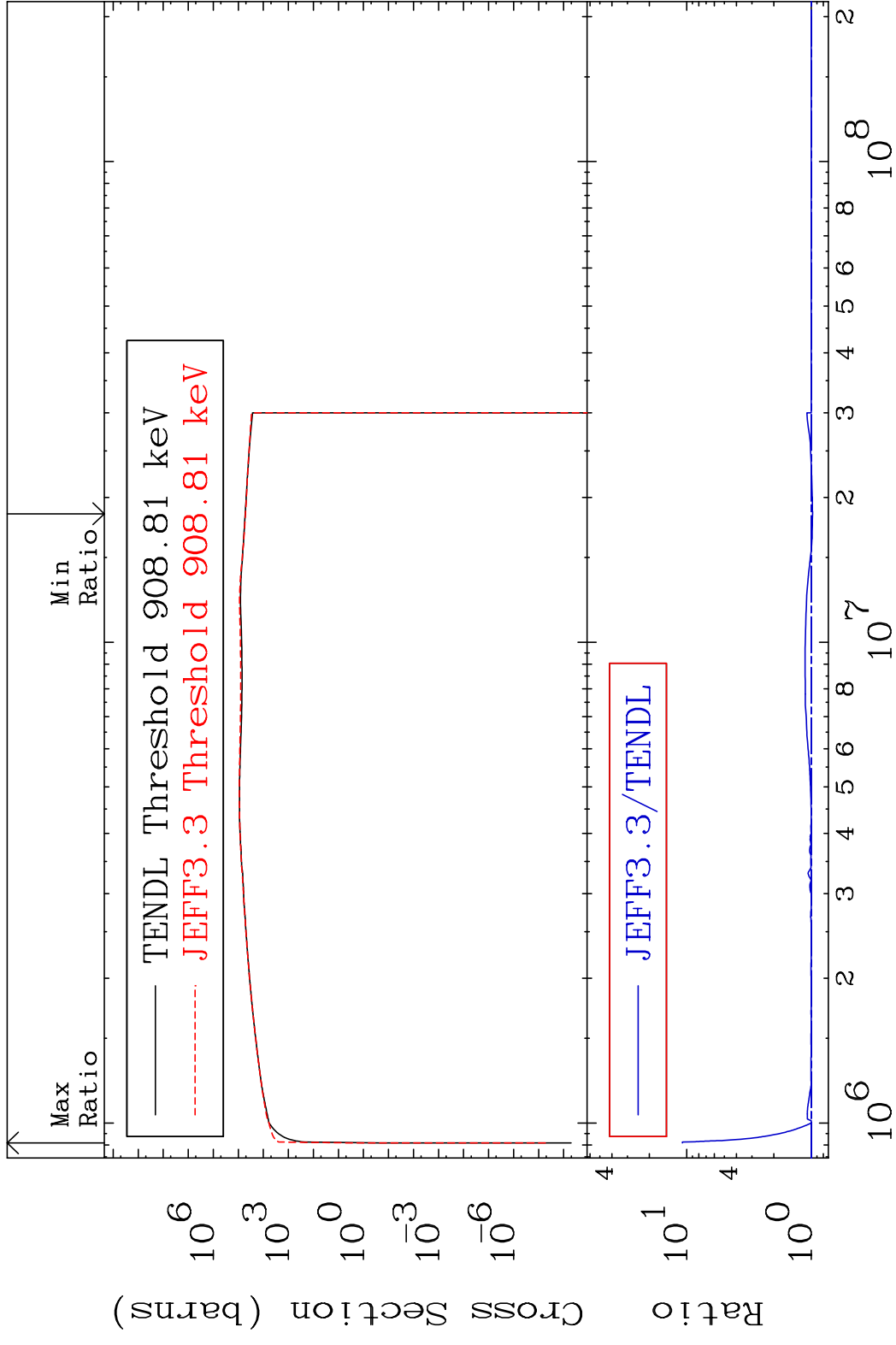
Dpa elastic (mt2)

22-Ti-46

Cross Section -97.50 To 9999. %

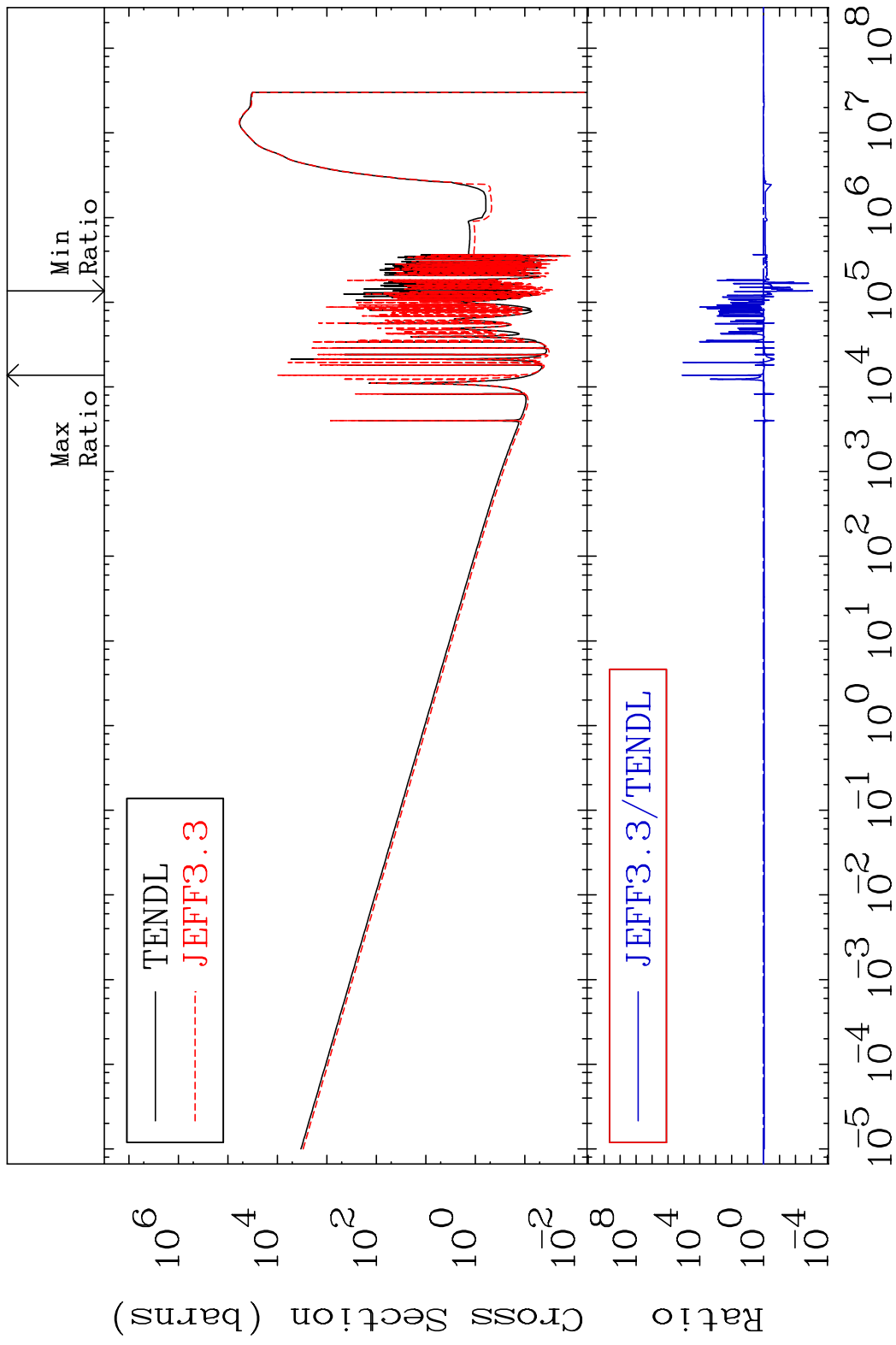


MAT 2225 Dpa inelastic (mt51-91) 22-Ti-46  
Cross Section -2.362 To 985.9 %

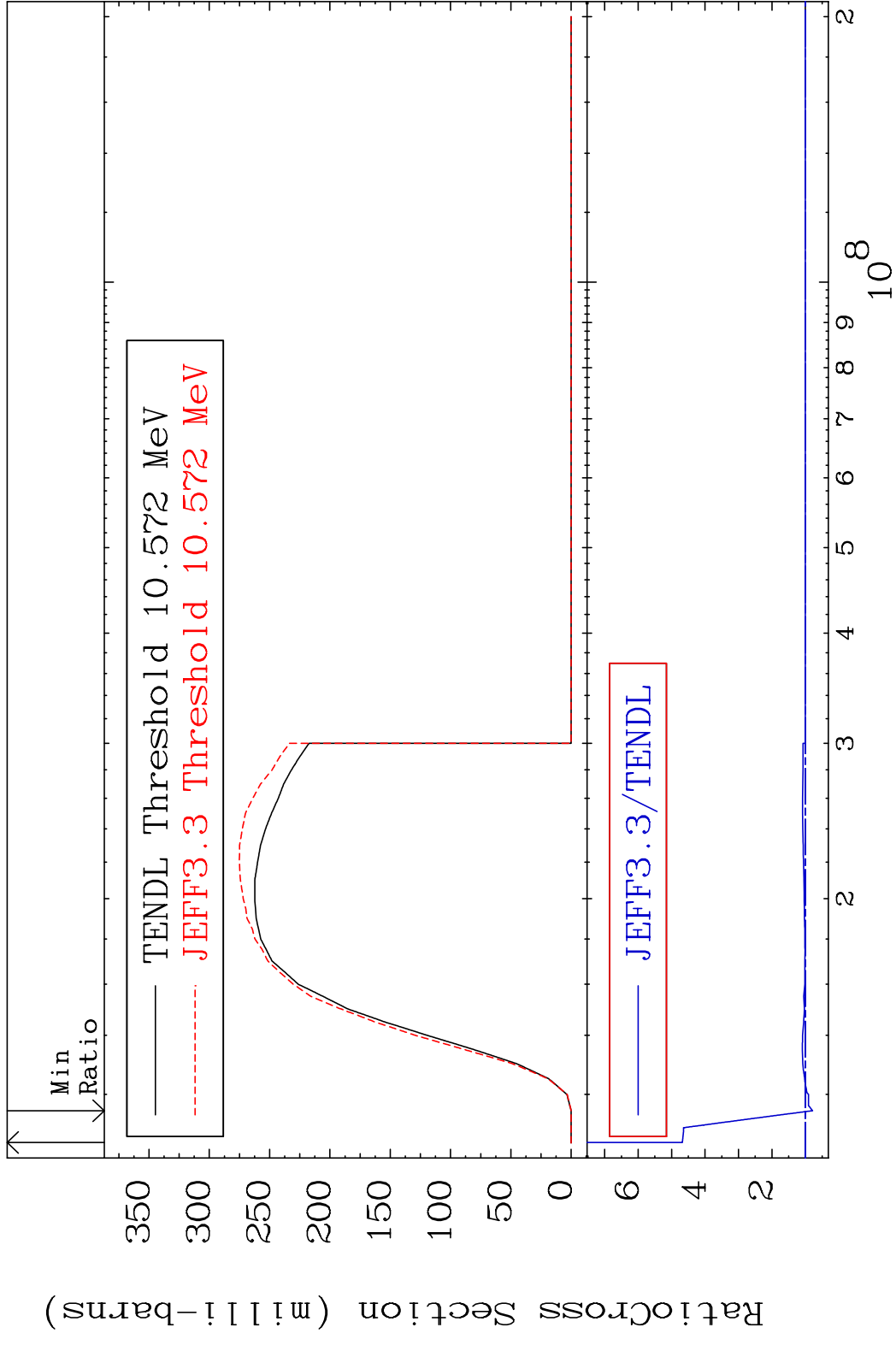


75 Incident Energy (eV) 22-Ti-46

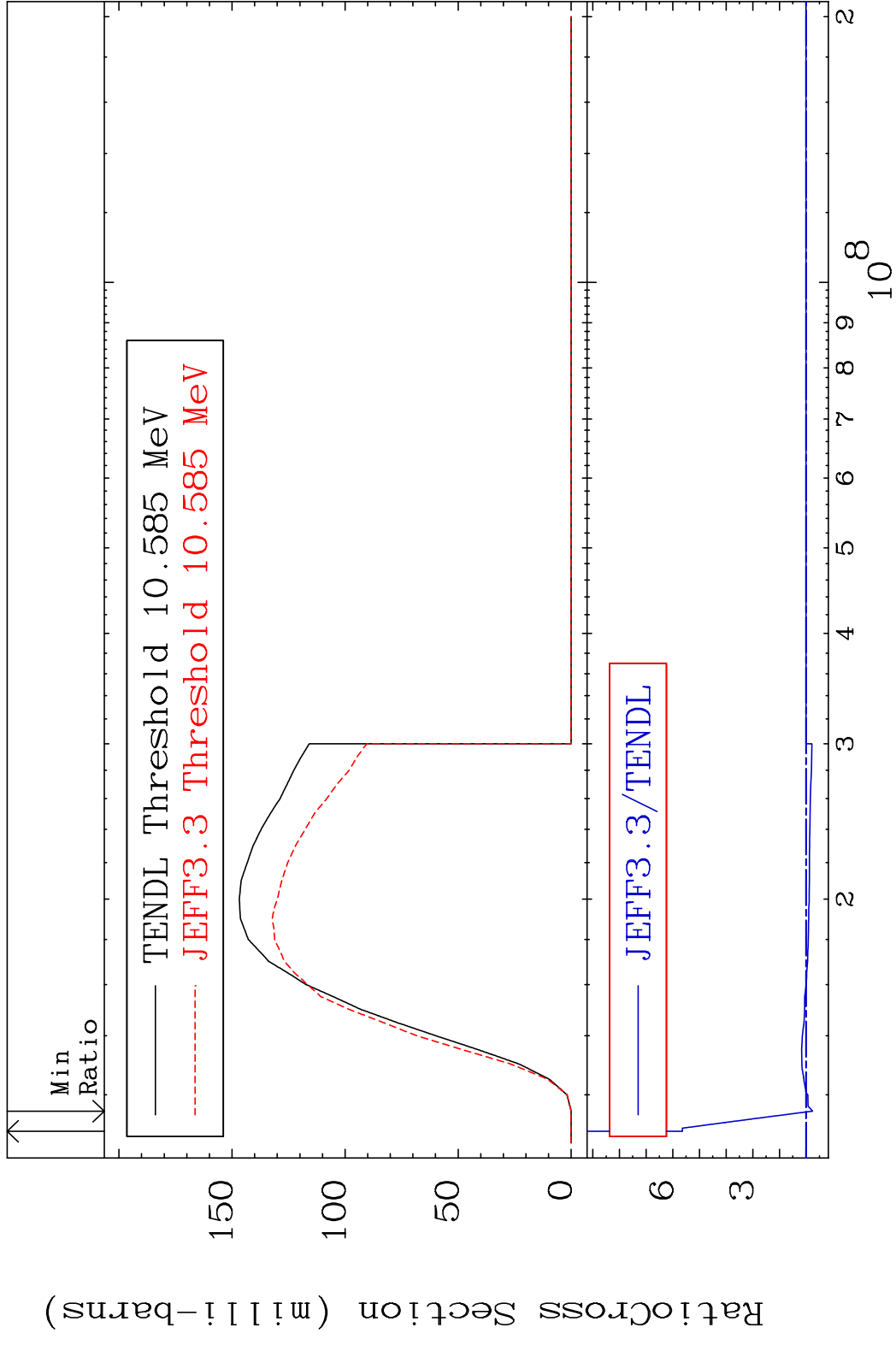
MAT 2225 Dpa disappearance (mt102 -120) 22-Ti-46  
 Cross Section -99.91 To 9999. %

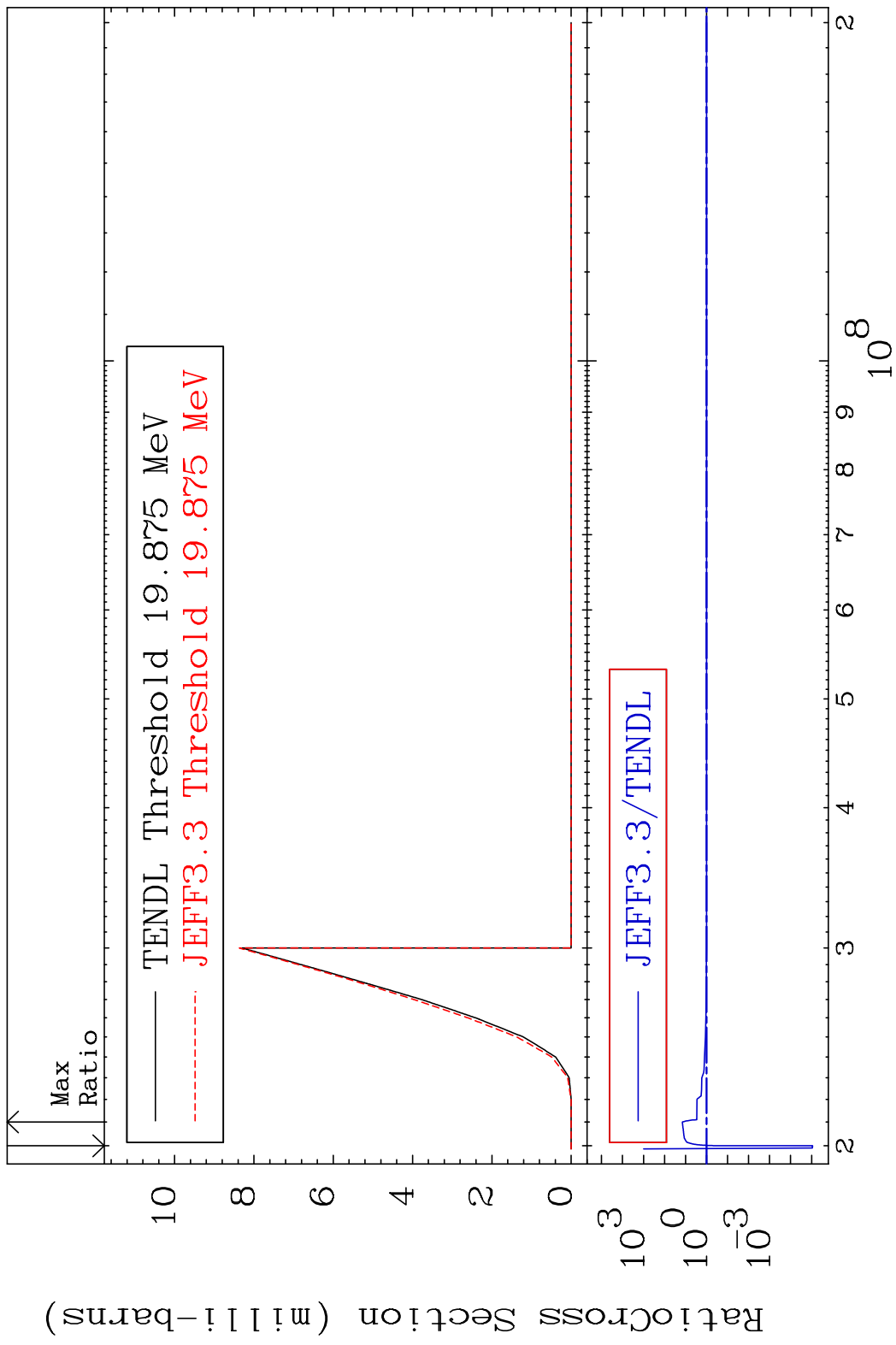


MAT 2225 (n, n') p:21-Sc-45g 22-Ti-46  
 Radionuclide Production Cross Section 363.1 dth 367.8 %



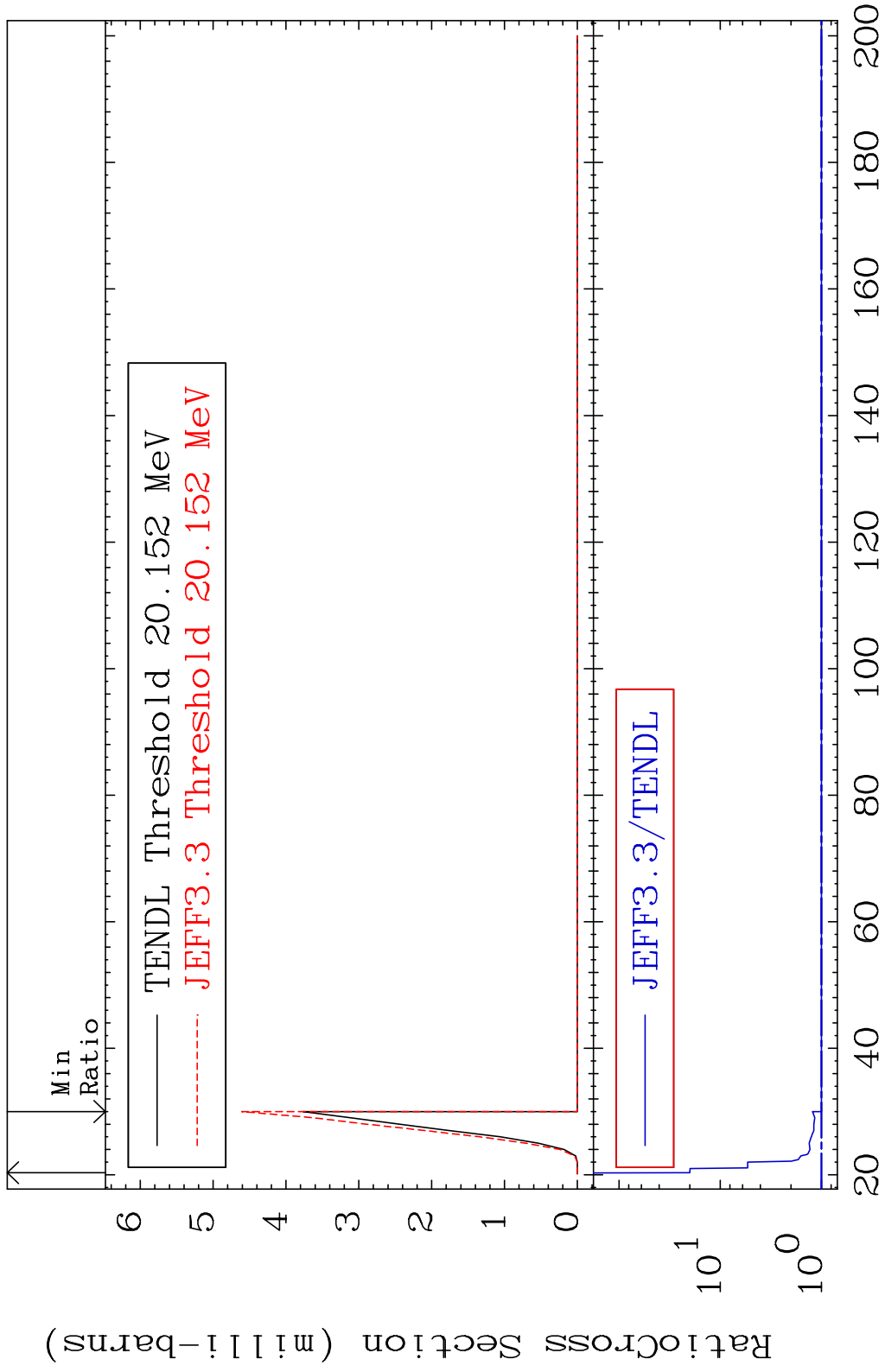
MAT 2225 (n, n') p:21-Sc-45m1 22-Ti-46  
 Radionuclide Production Cross Section 464.1 %





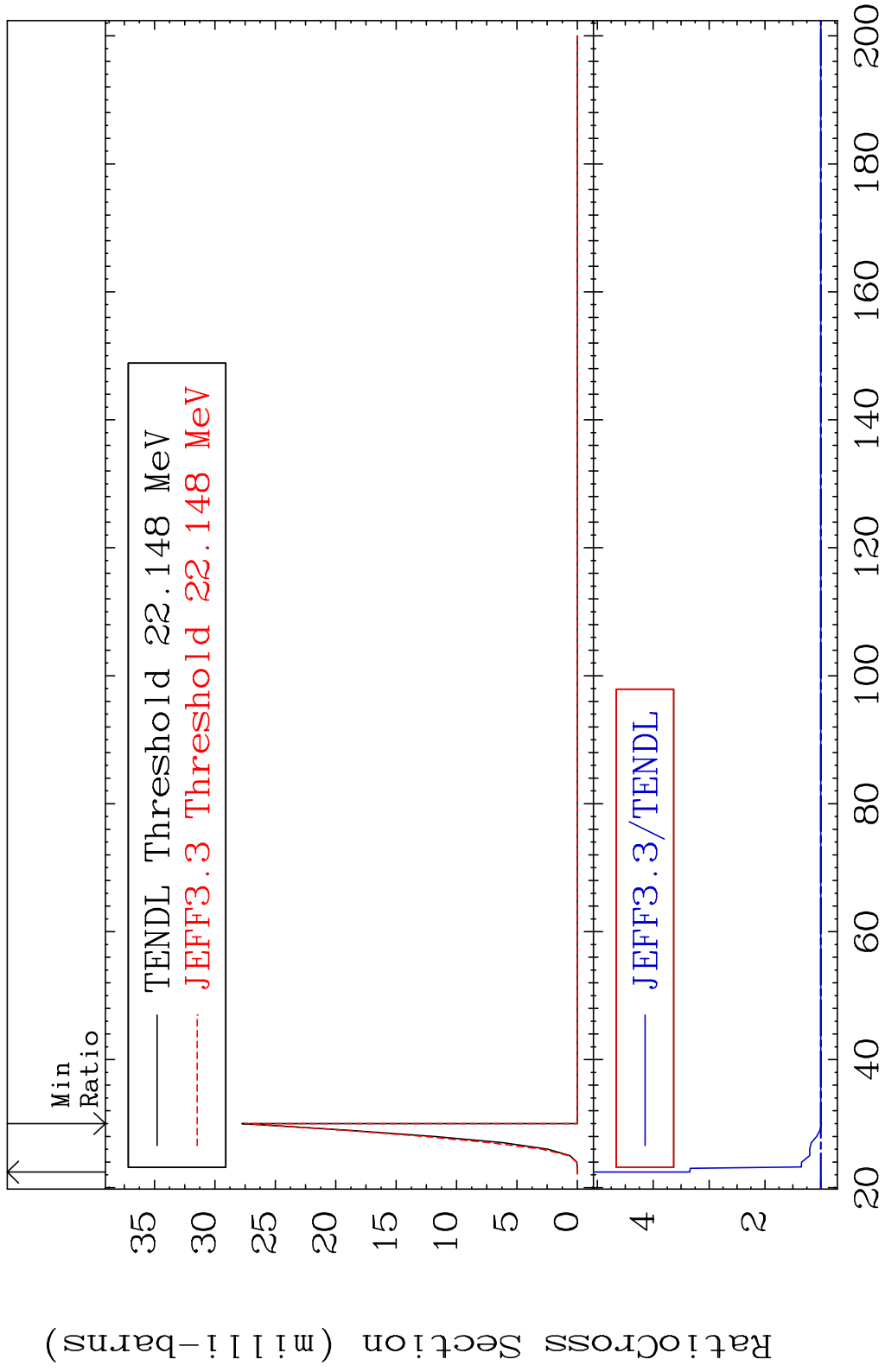


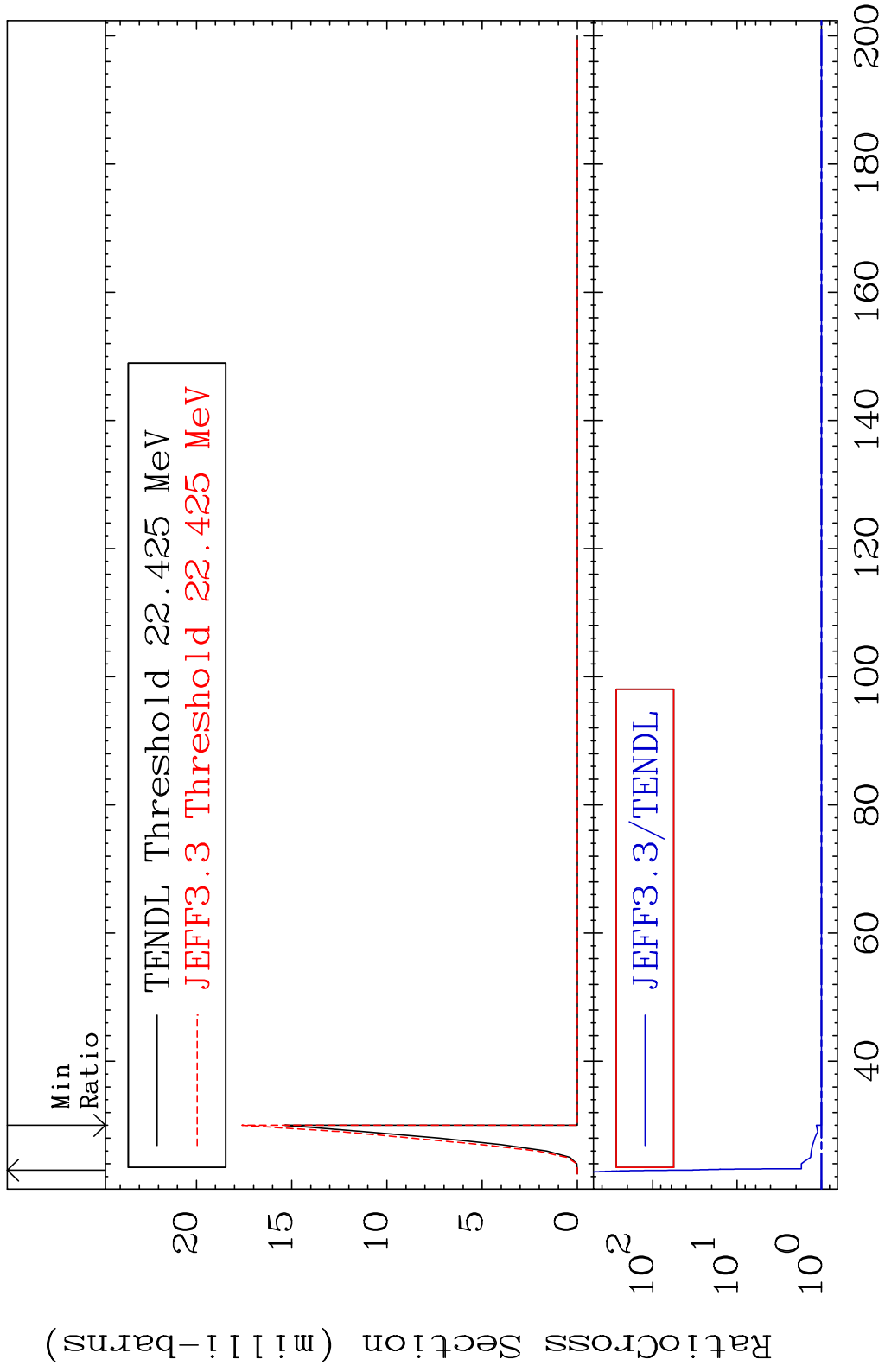
MAT 2225 (n, n') d:21-Sc-44m4 22-Ti-46  
 Radionuclide Production Cross Section 1897. %



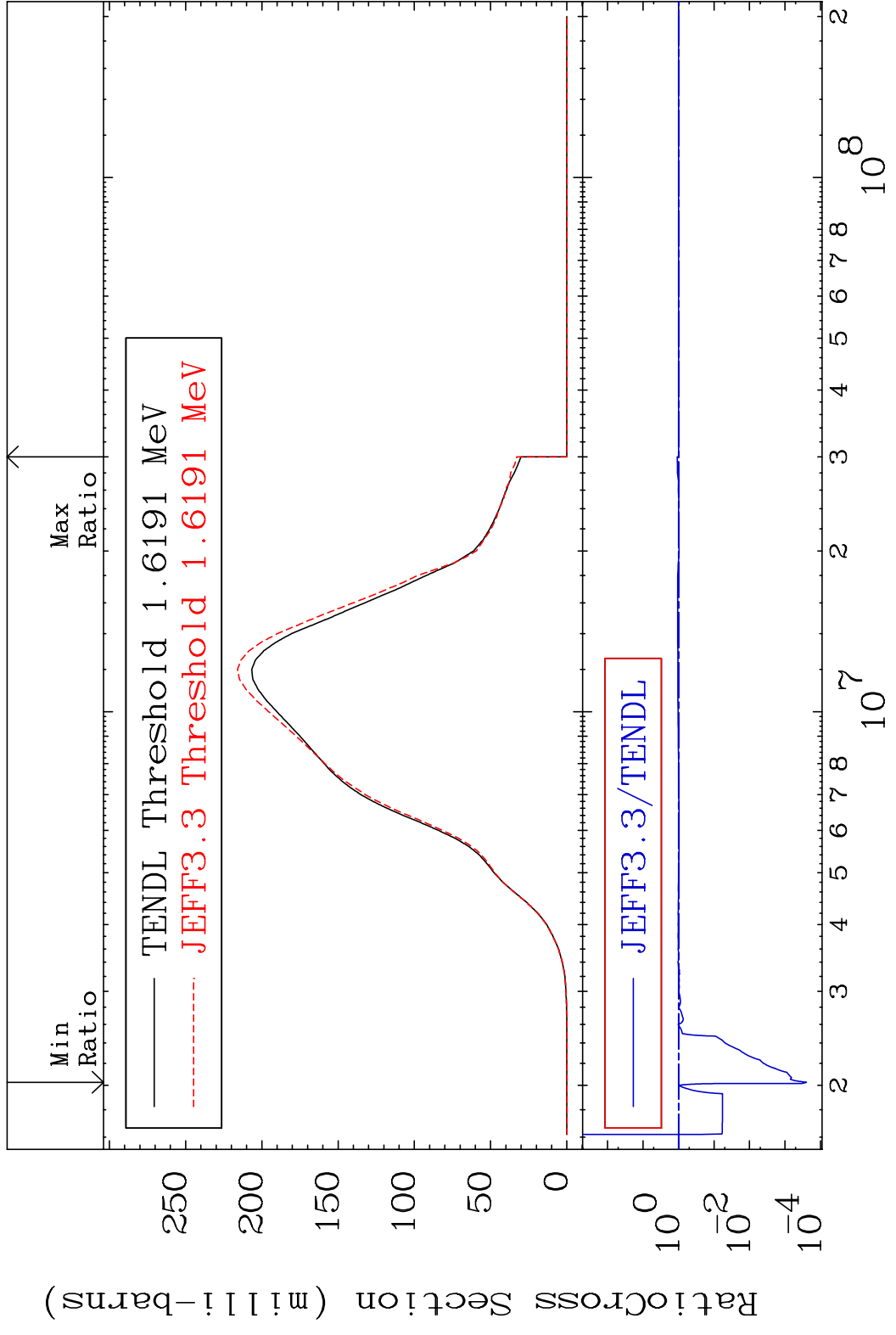
80 Incident Energy (MeV) 22-Ti-46

MAT 2225 (n,2n) p:21-Sc-44g 22-Ti-46  
 Radionuclide Production Cross Section 150000 dth 234.5 %

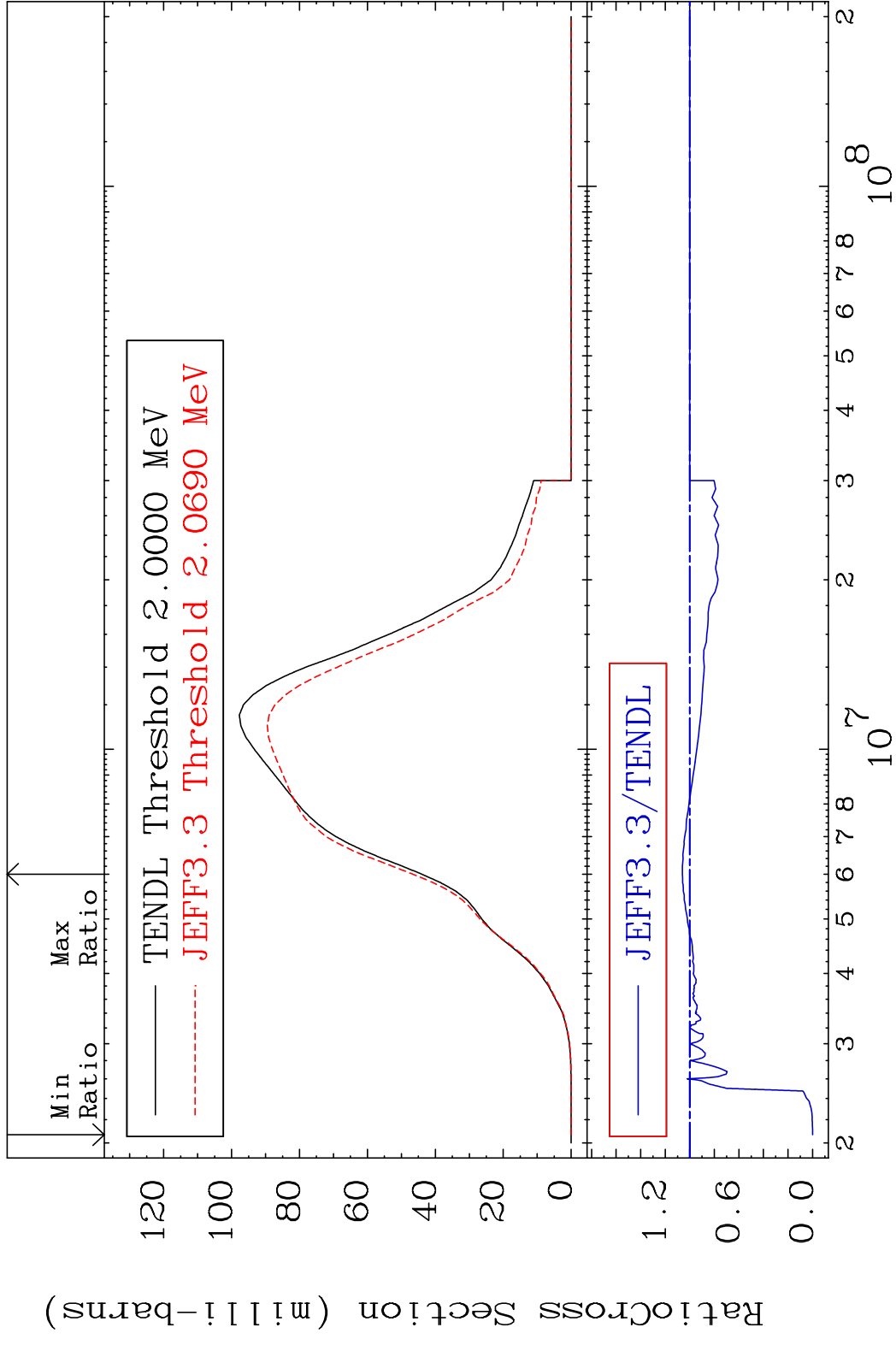




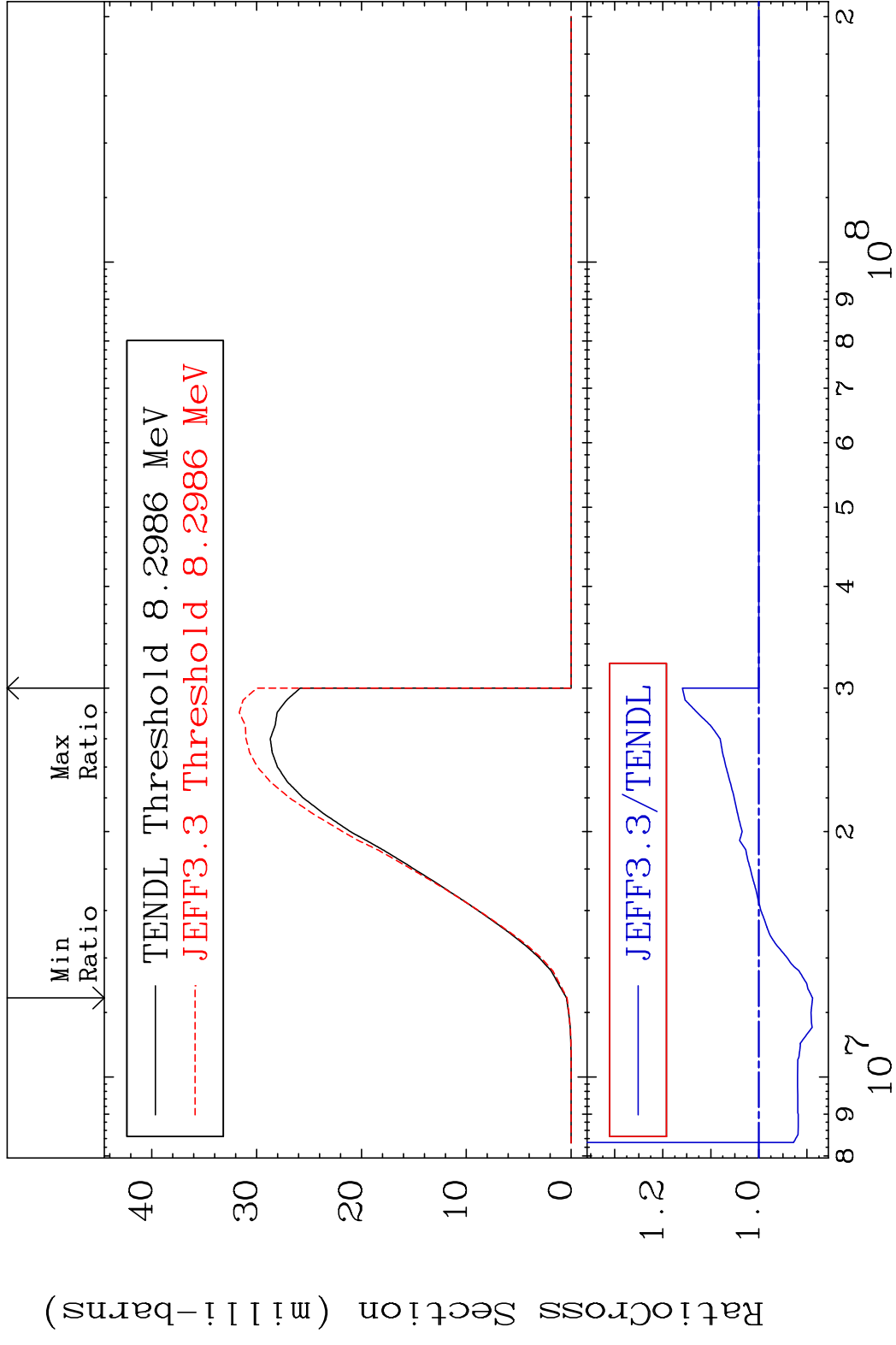
MAT 2225 (n,p):21-Sc-46g 22-Ti-46  
 Radionuclide Production Cross Section 98.981 dth 9.043 %



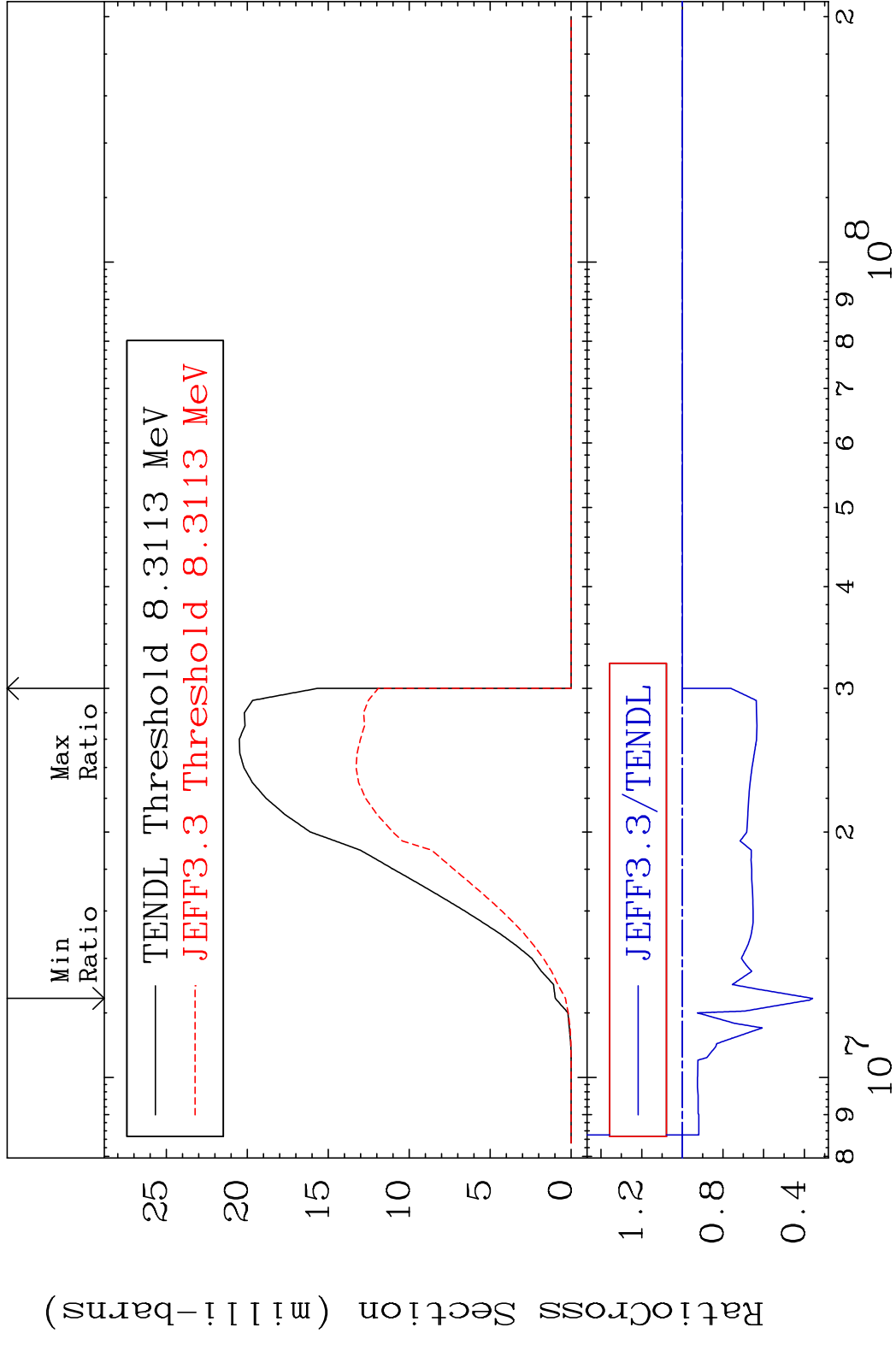
MAT 2225 (n,p):21-Sc-46m2 22-Ti-46  
 Radionuclide Production Cross Section 6.044 %



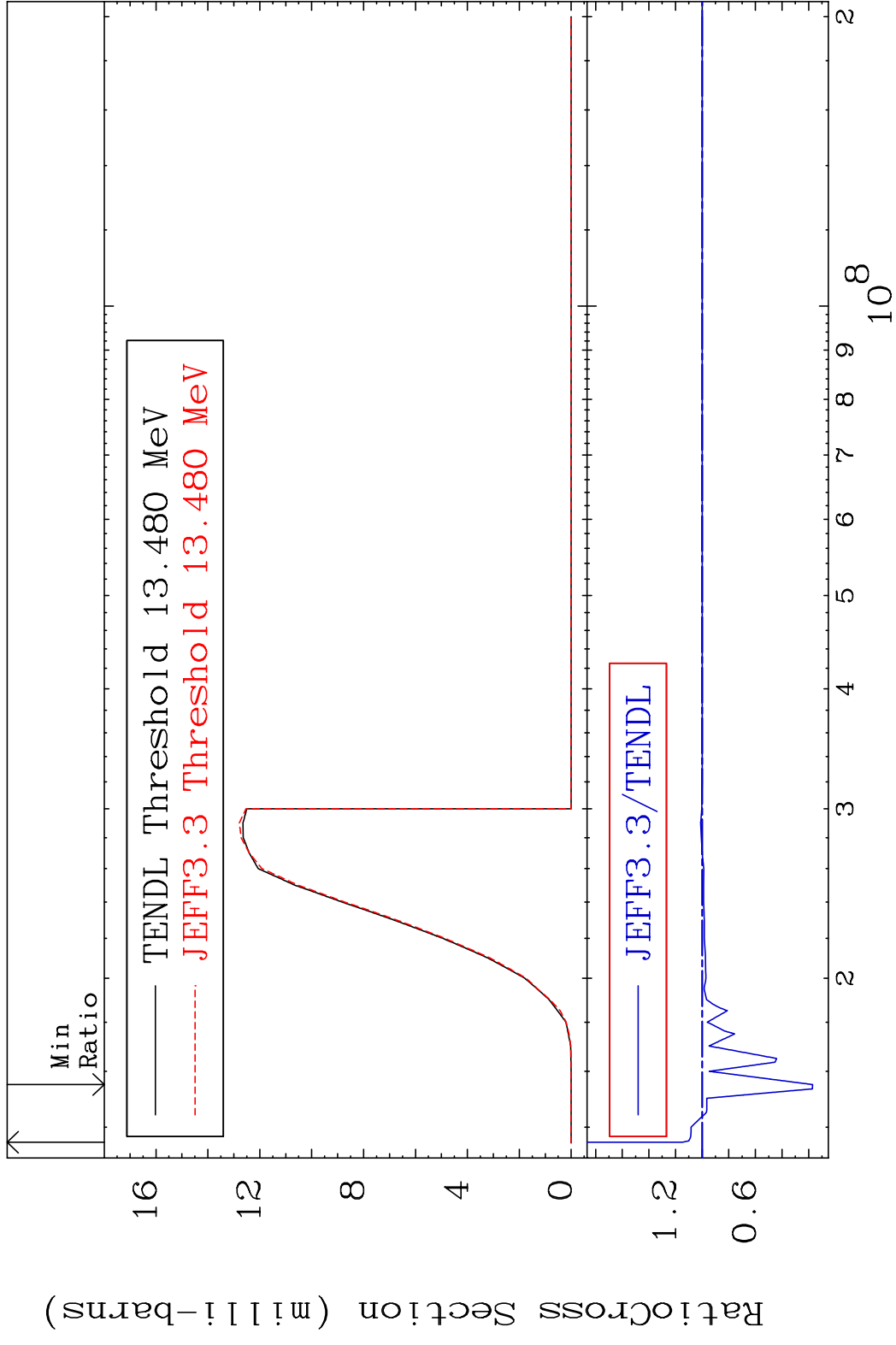
MAT 2225 (n, d):21-Sc-45g 22-Ti-46  
 Radionuclide Production Cross Section 15.92 %



85 Incident Energy (eV) 22-Ti-46

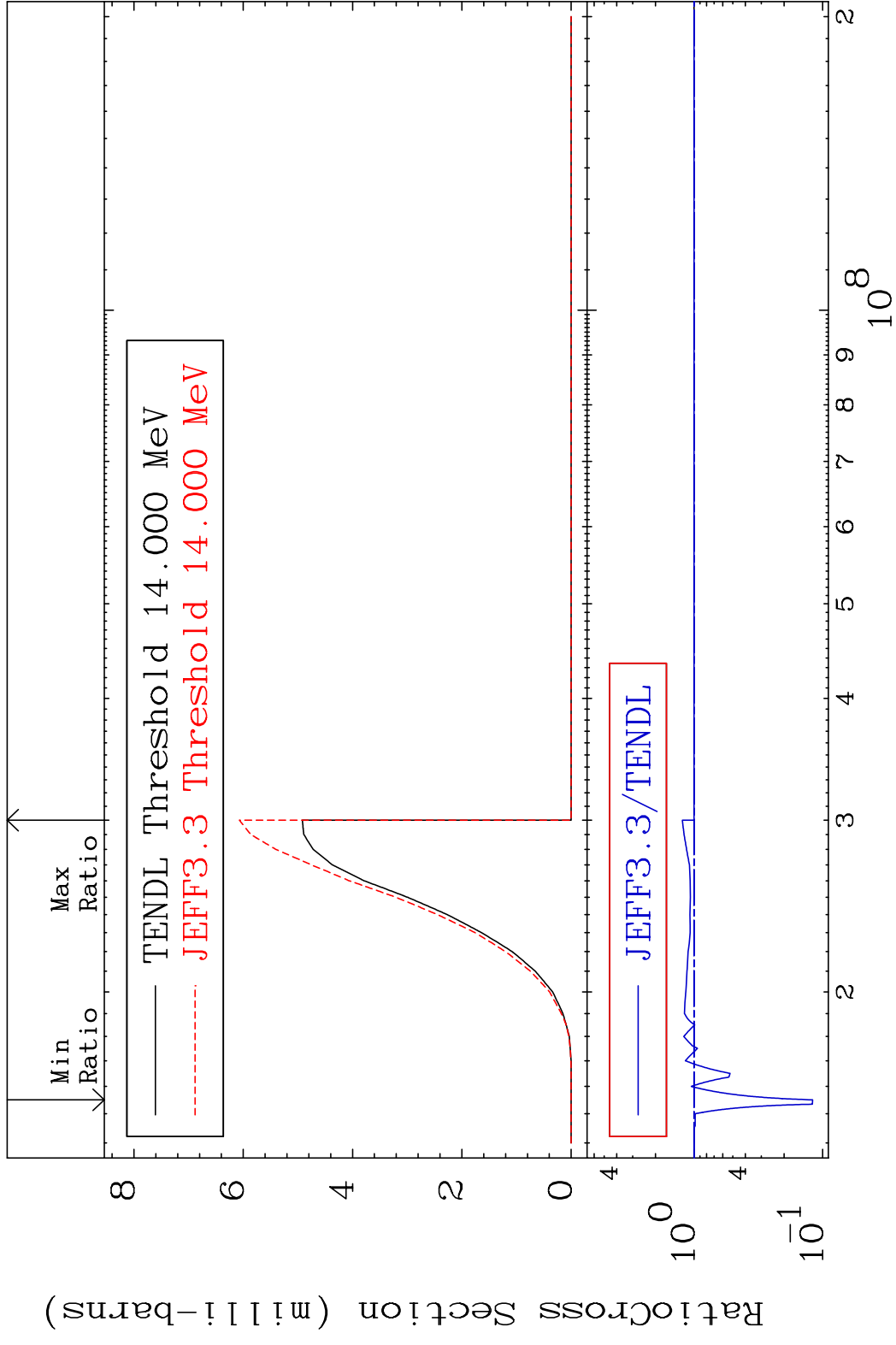


MAT 2225 (n, t):21-Sc-44g 22-Ti-46  
 Radionuclide Production Cross Section 82.92 dth 14.86 %





MAT 2225 (n,t):21-Sc-44m4 22-Ti-46  
 Radionuclide Production Cross Section 23.44 %



88 Incident Energy (eV) 22-Ti-46