

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

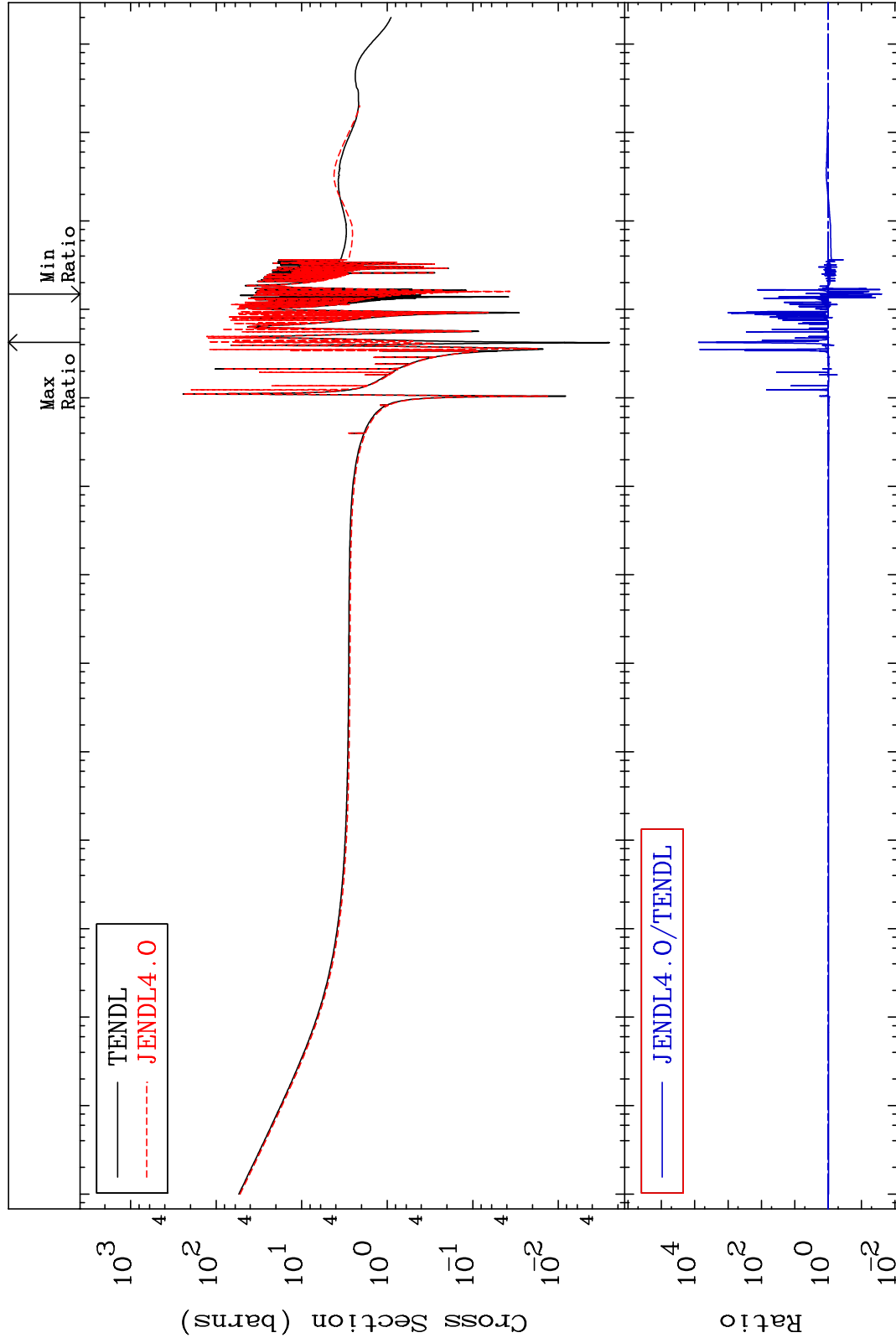
MAT 2225

Total

22-Ti-46

Cross Section

-97.50 To 9999. %



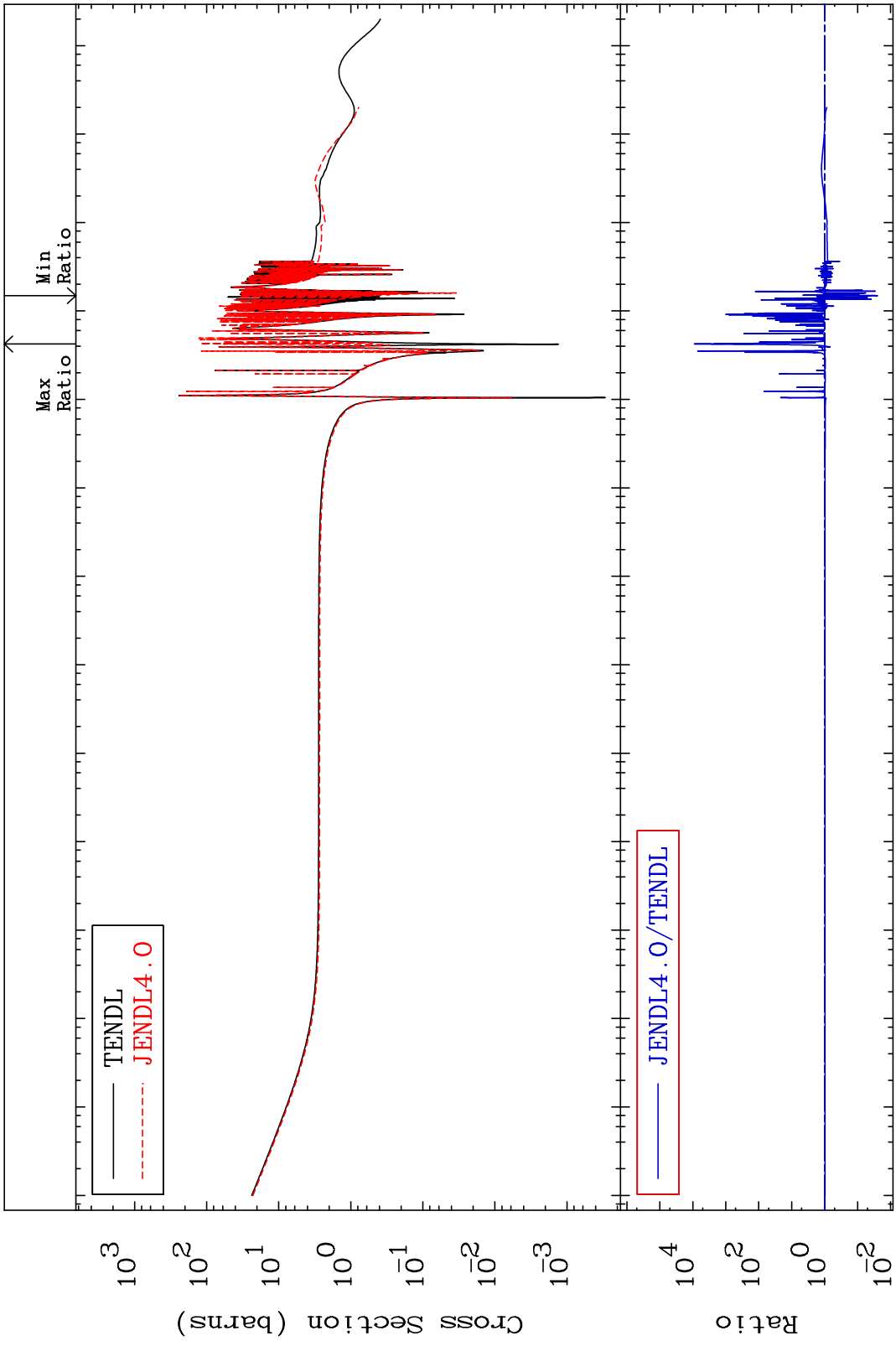
Incident Energy (eV)

22-Ti-46

MAT 2225

Elastic  
Cross Section

22-Ti-46  
-97.50 To 9999. %



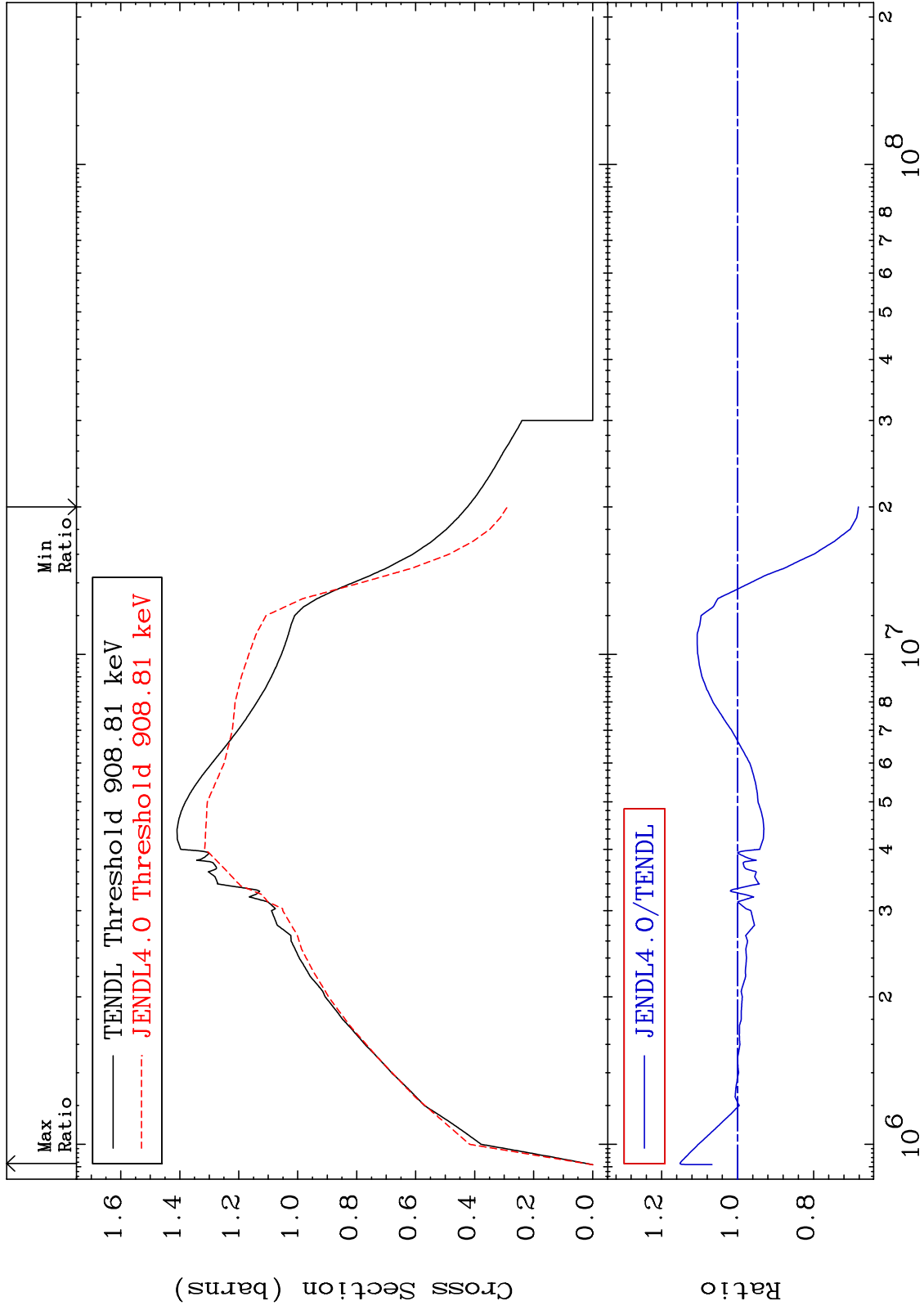
Incident Energy (eV)

22-Ti-46

MAT 2225

Inelastic  
Cross Section

22-Ti-46  
-31.81 To 15.14 %



22-Ti-46

3

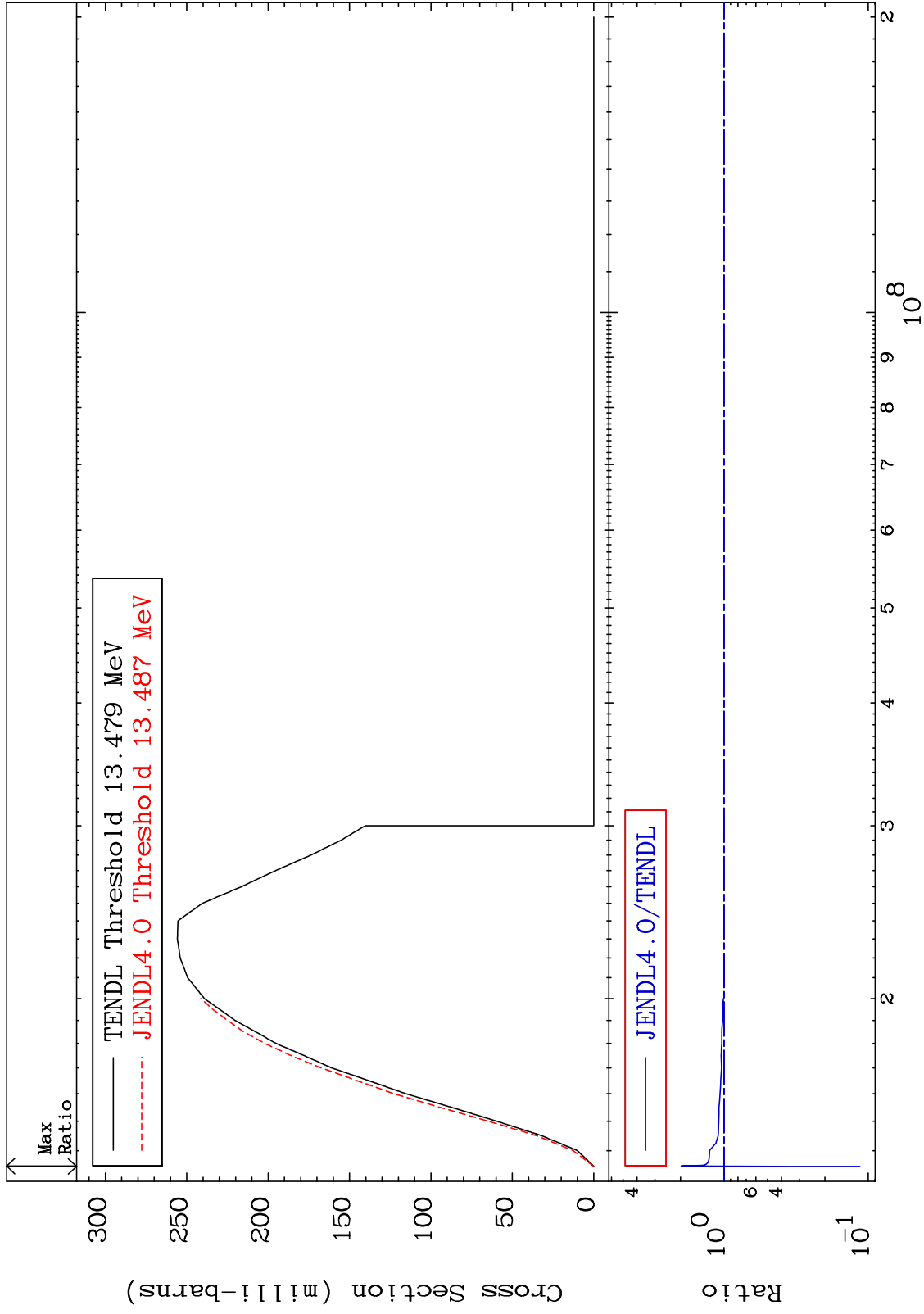
MAT 2225

(n,2n)

22-Ti-46

Cross Section

-88.57 To 97.54 %



4

Incident Energy (eV)

22-Ti-46

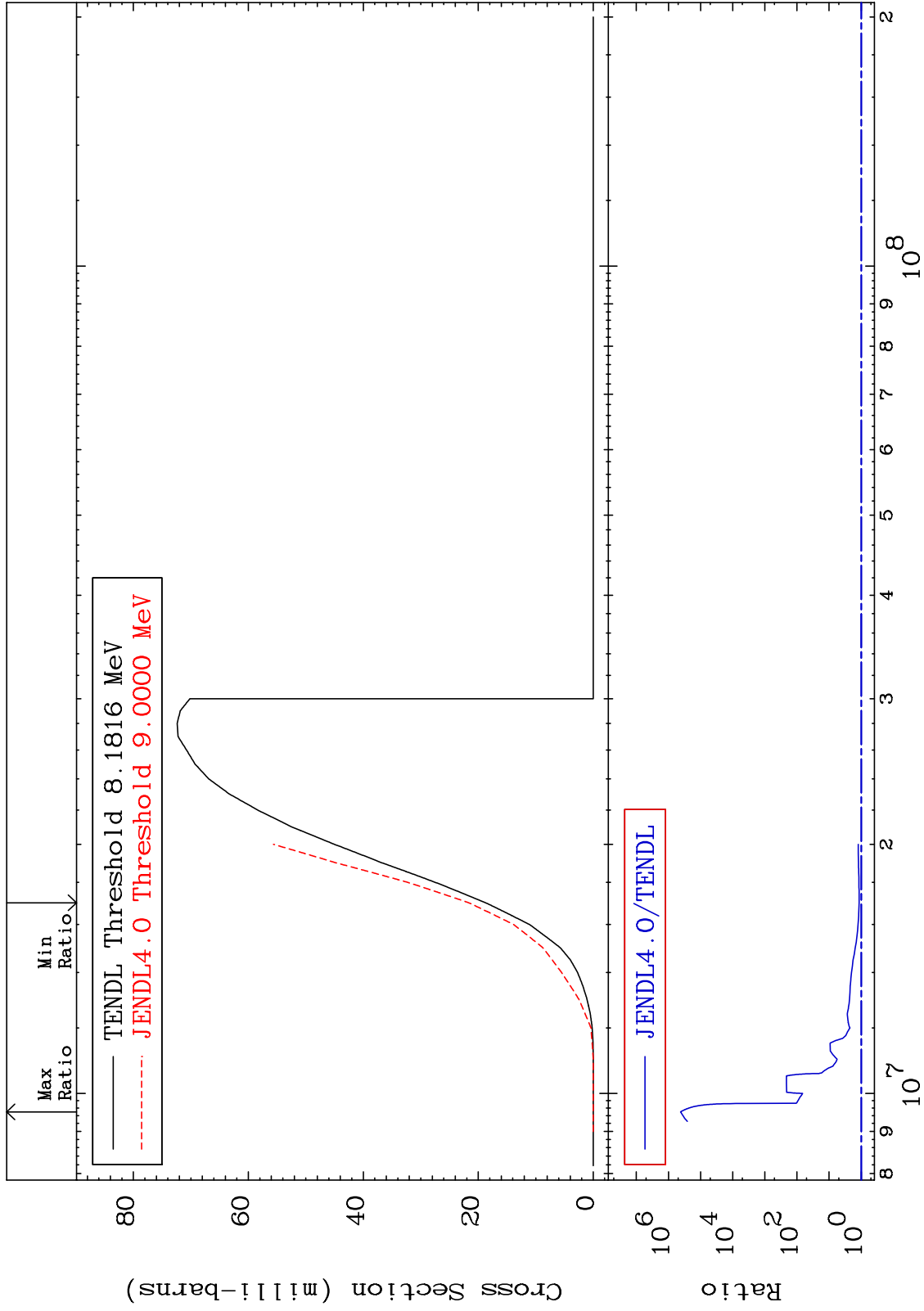
MAT 2225

(n,n')  $\alpha$

22-Ti-46

Cross Section

15.69 To 9999. %



Incident Energy (eV)

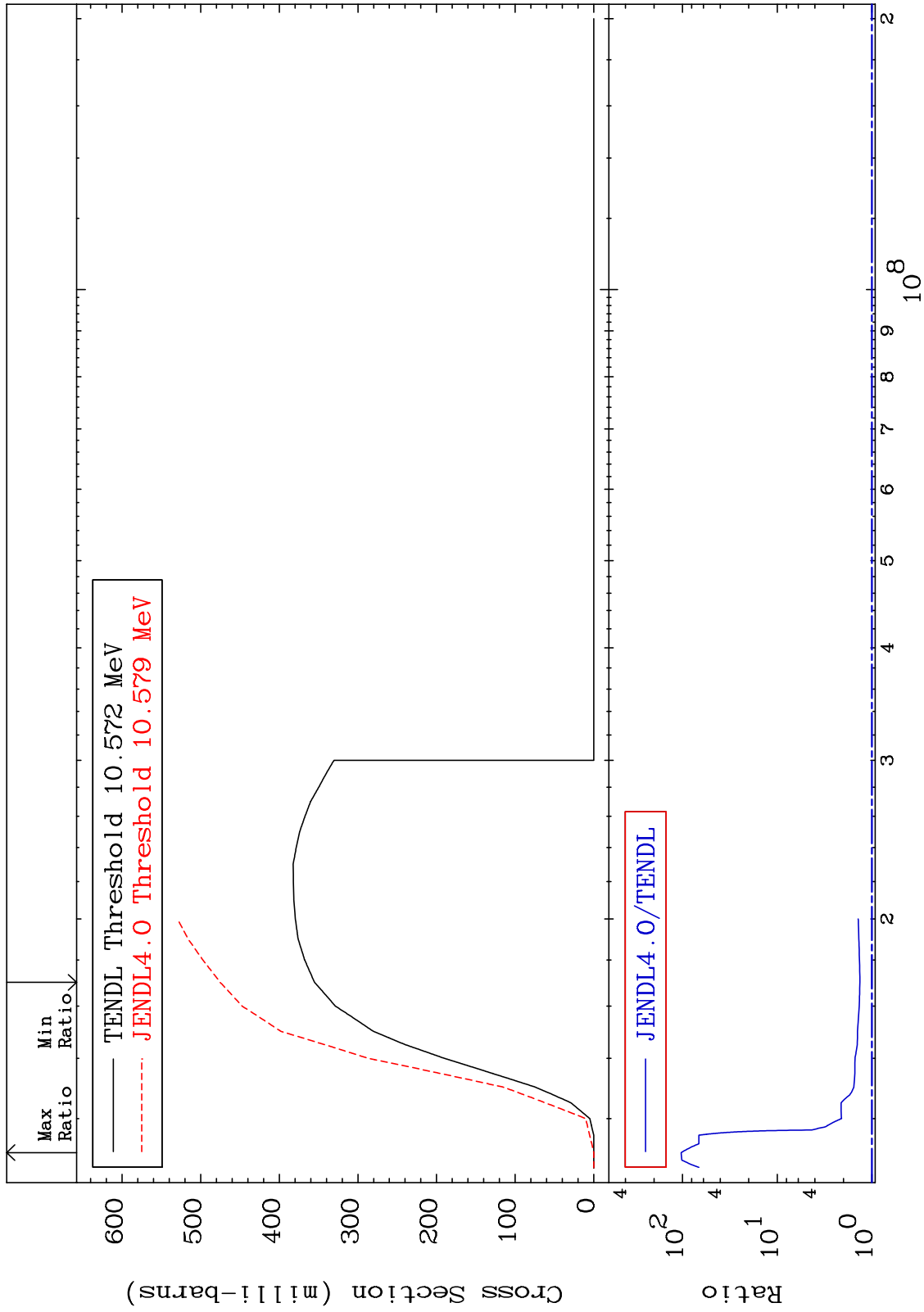
22-Ti-46

5

MAT 2225

(n,n') p  
Cross Section

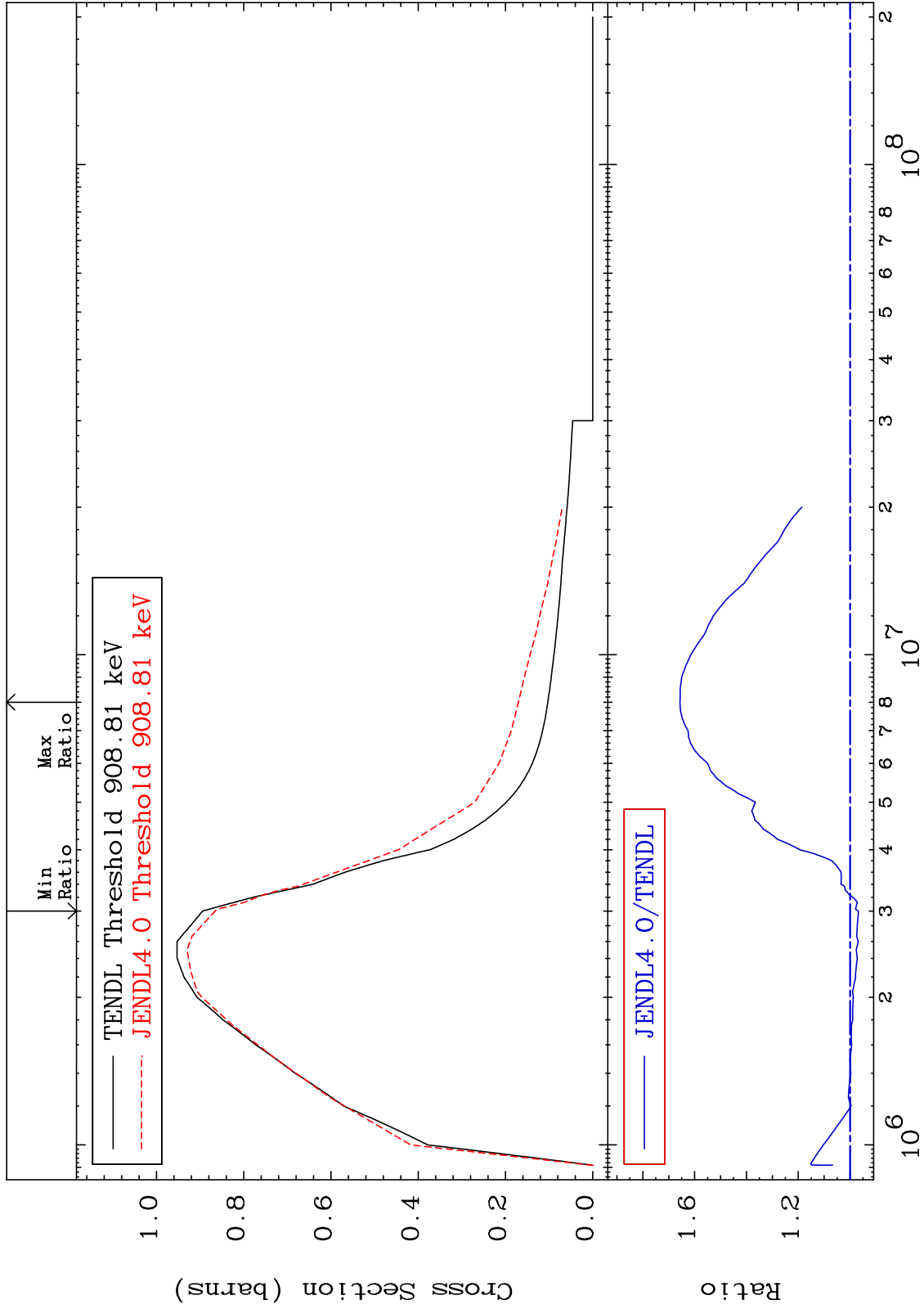
22-Ti-46  
33.76 To 9999. %



MAT 2225

MT= 51 (n,n') Level  
Cross Section

22-Ti-46  
-3.220 To 65.64 %



Incident Energy (eV)

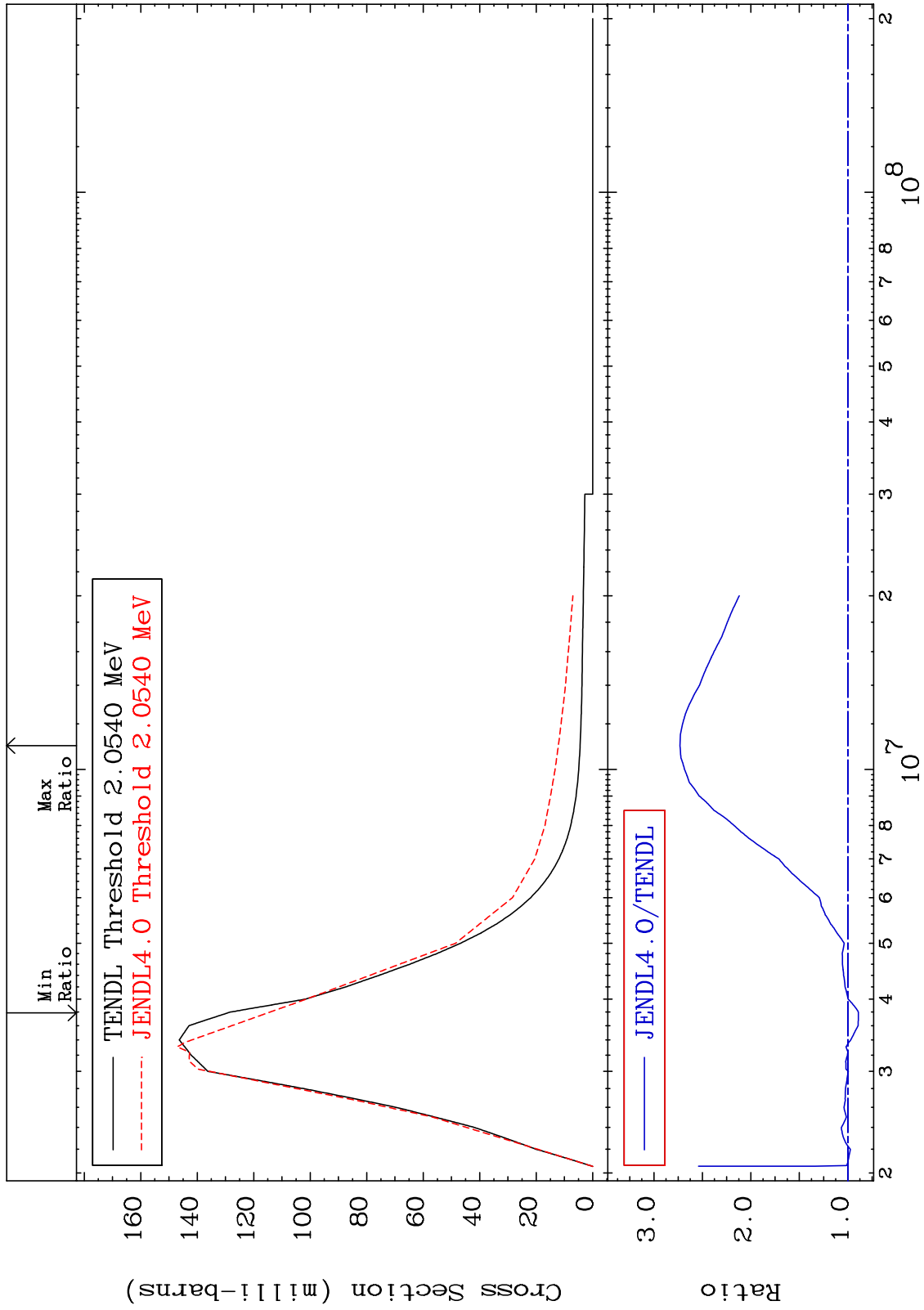
22-Ti-46



MAT 2225

MT= 52 (n,n') Level  
Cross Section

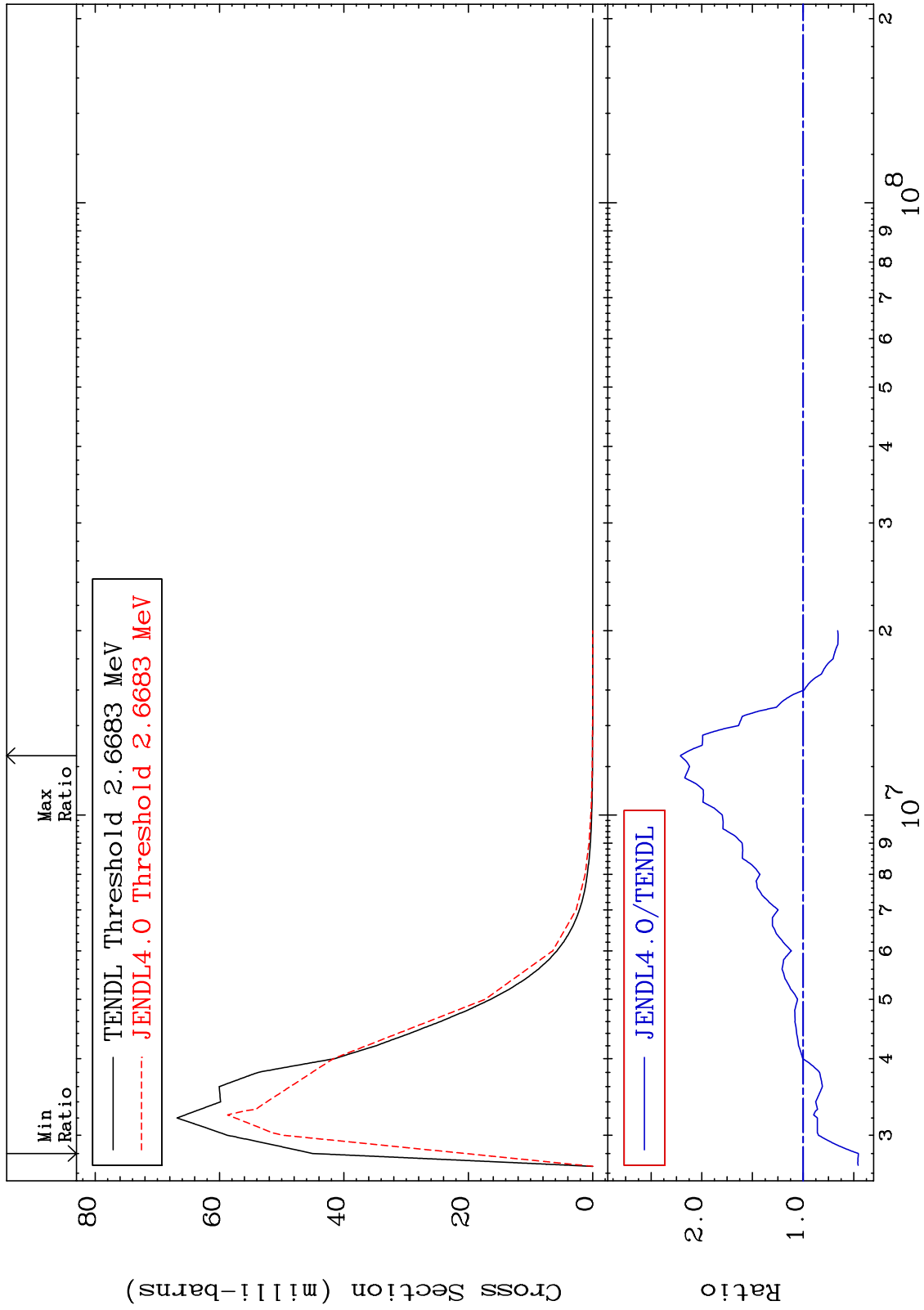
22-Ti-46  
-10.93 To 173.1 %



MAT 2225

MT= 53 (n,n') Level  
Cross Section

22-Ti-46  
-54.50 To 121.5 %



9

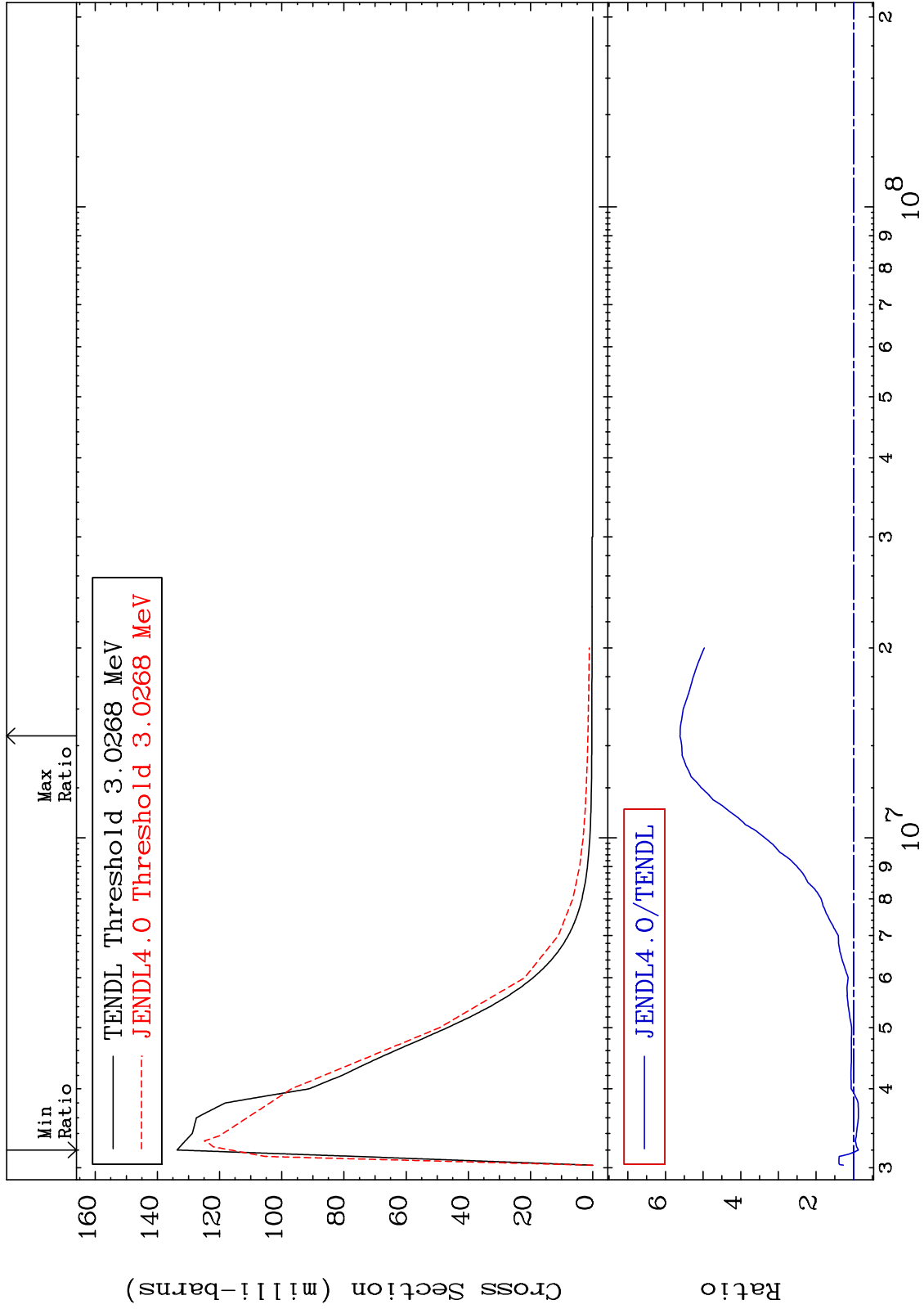
22-Ti-46

22-Ti-46

MAT 2225

MT= 54 (n,n') Level  
Cross Section

22-Ti-46  
-12.83 To 461.3 %

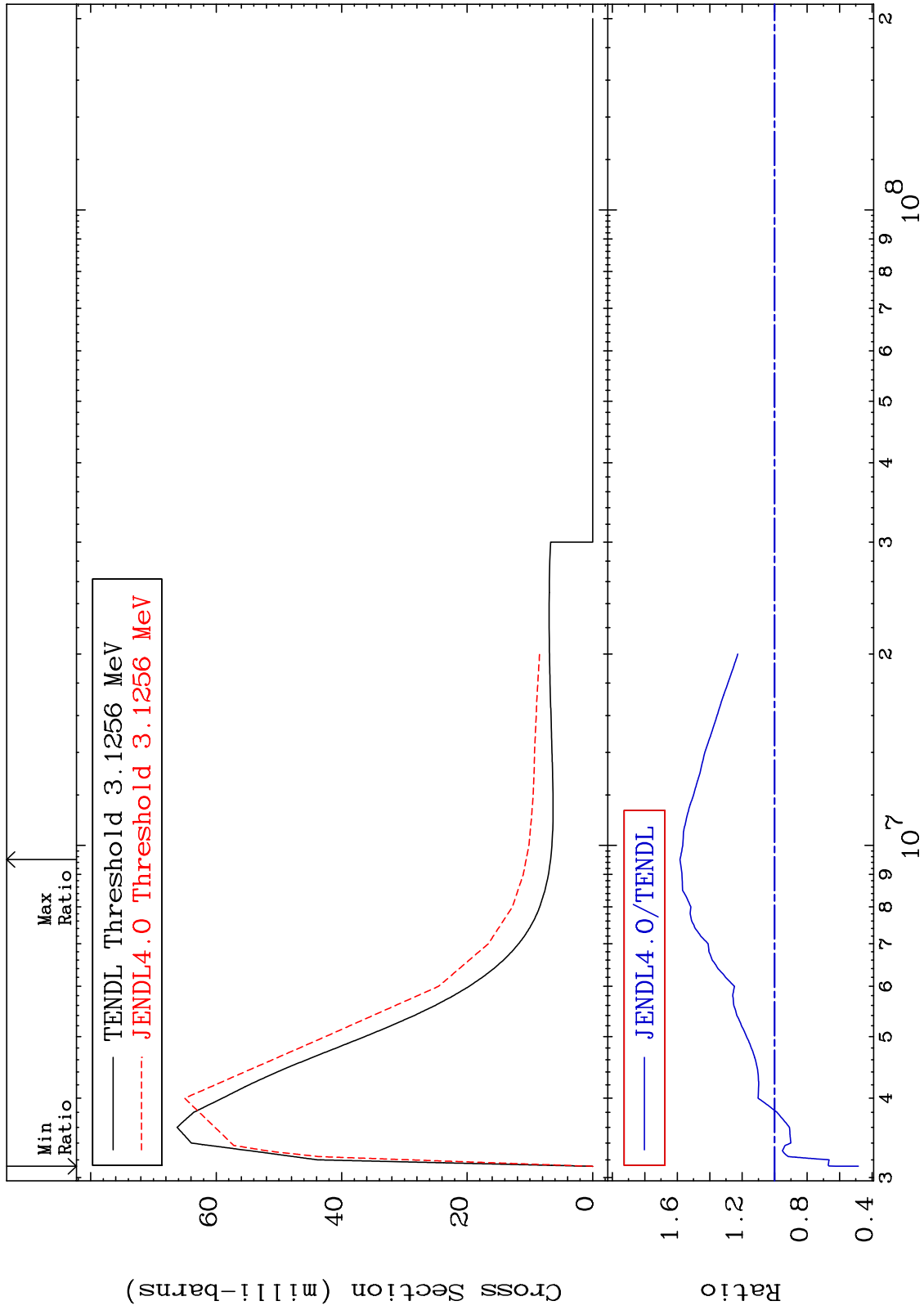


10

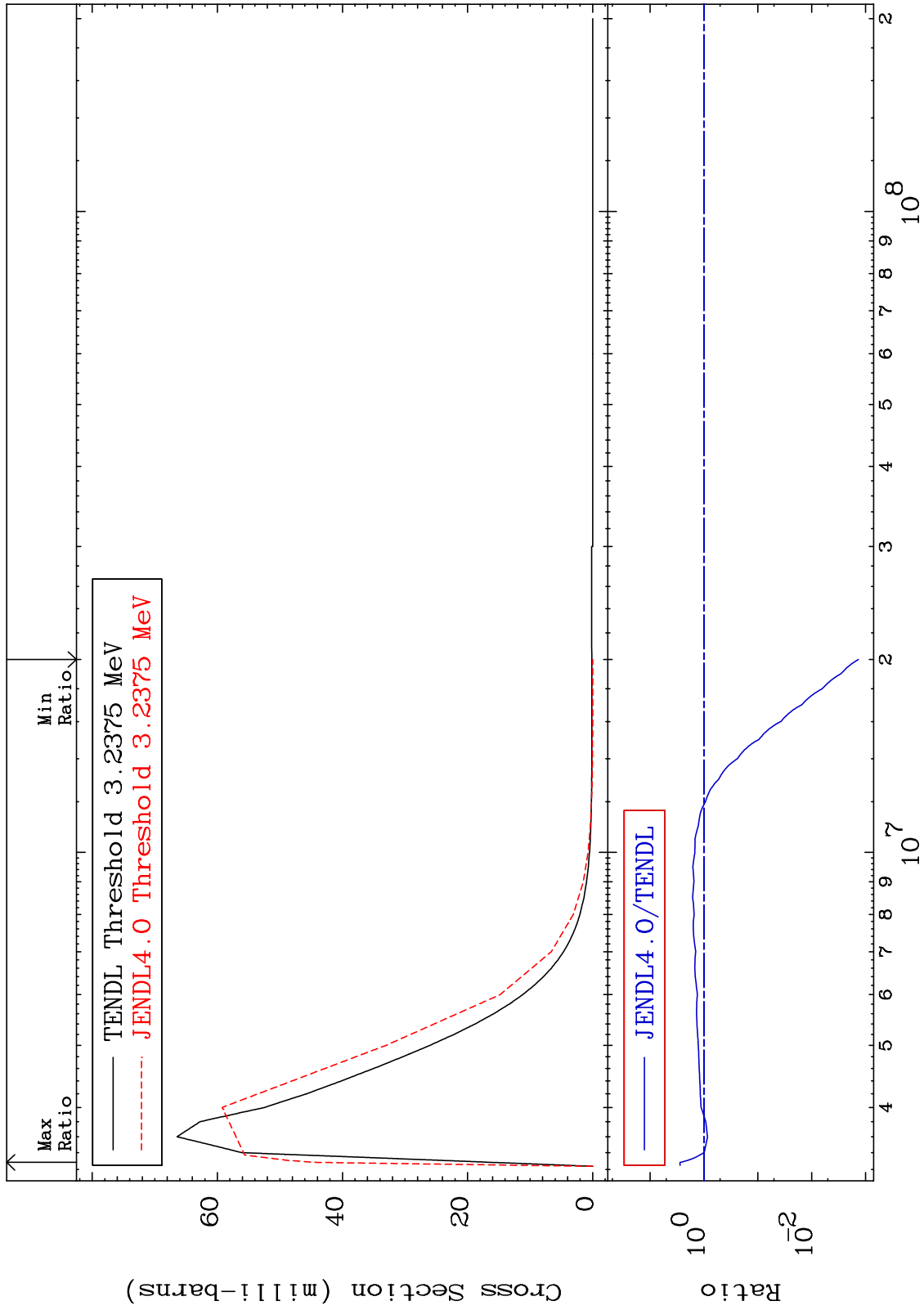
Incident Energy (eV)

22-Ti-46

MAT 2225      MT= 55 (n,n') Level Cross Section      22-Ti-46  
 -51.58 To 58.30 %



MAT 2225      MT= 56 (n,n') Level      22-Ti-46  
 Cross Section      -99.86 To 178.0 %

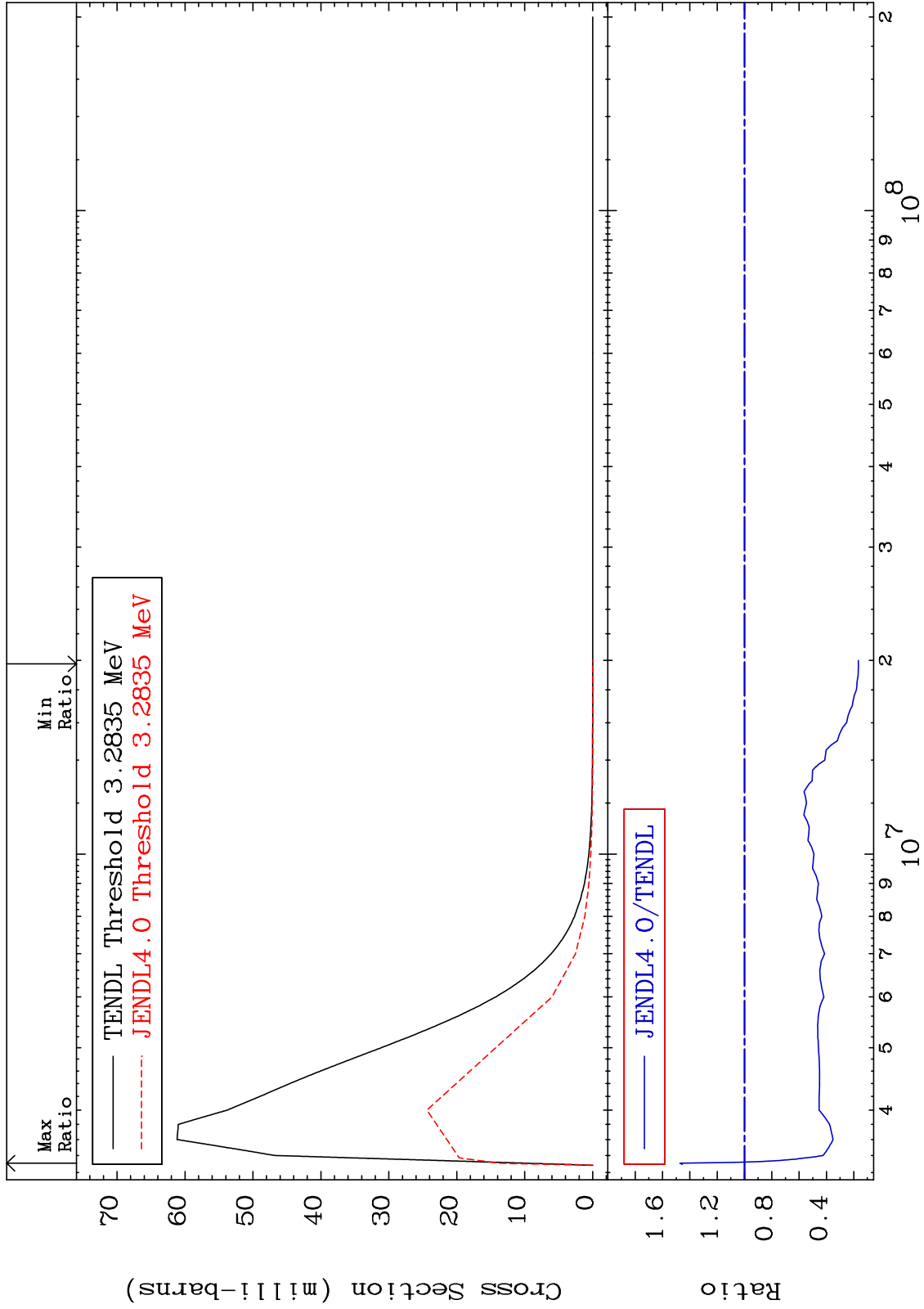


12      Incident Energy (eV)      22-Ti-46

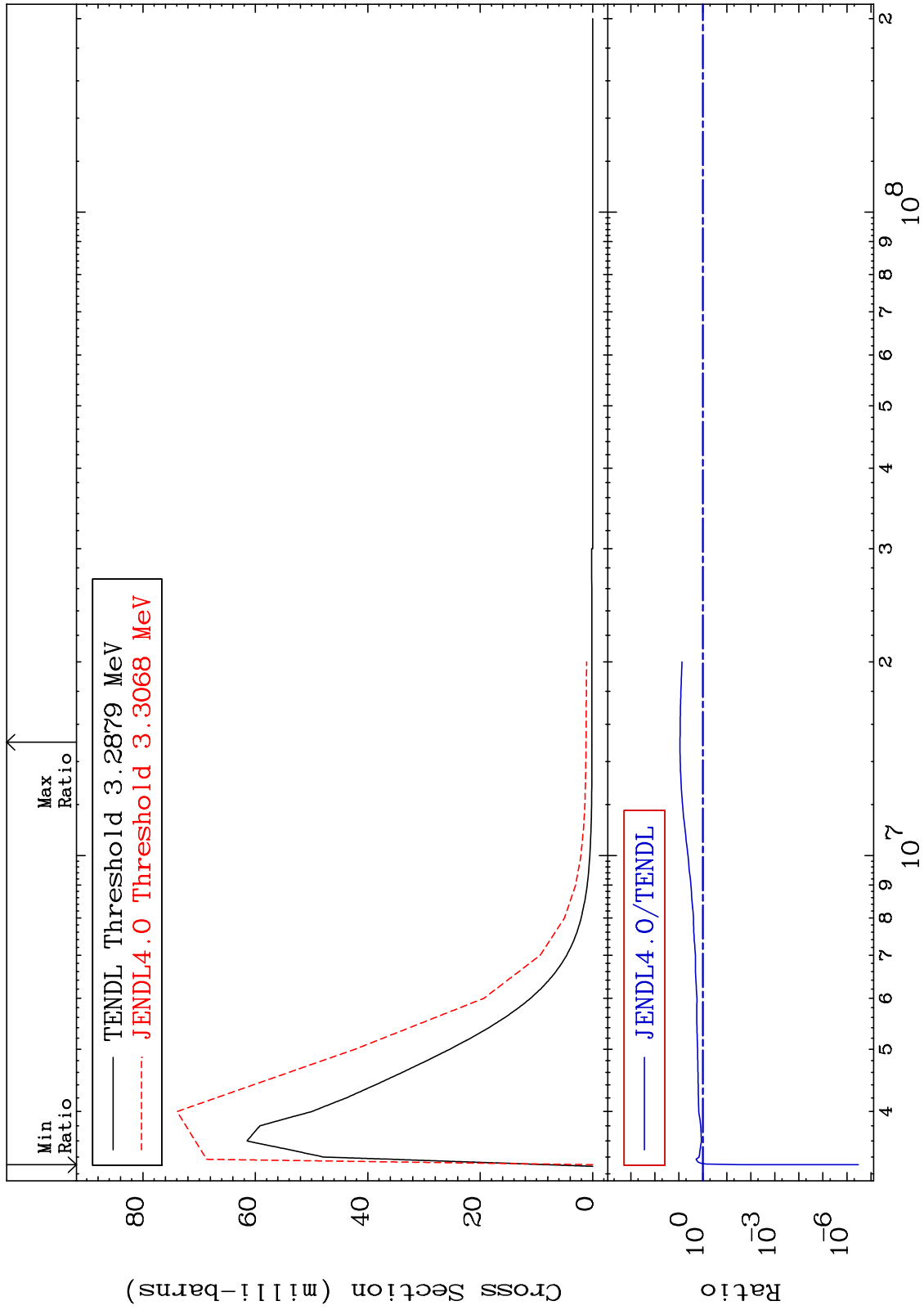
MAT 2225

MT= 57 (n,n') Level  
Cross Section

22-Ti-46  
-83.42 To 47.18 %



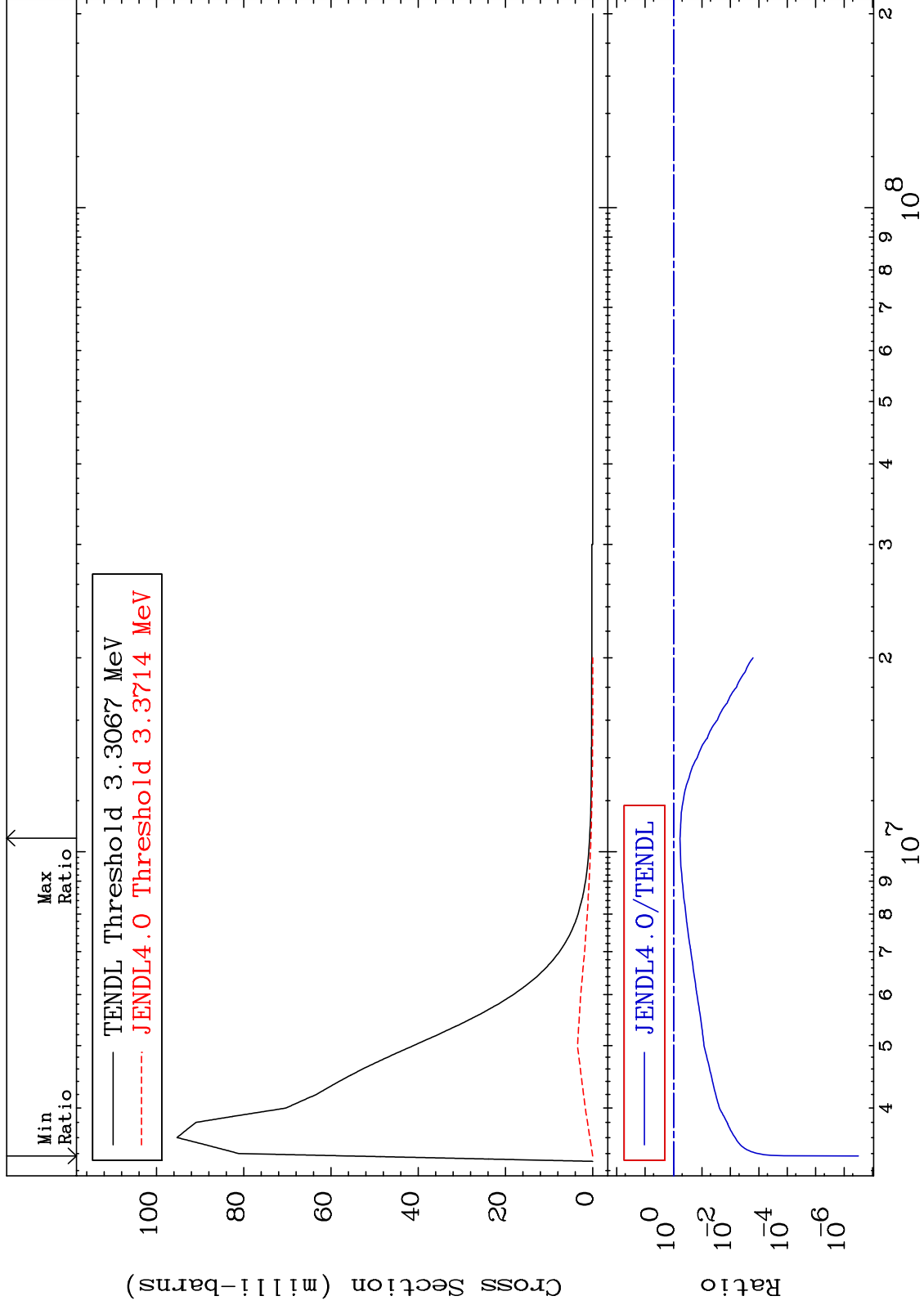
MAT 2225      MT= 58 (n,n') Level Cross Section      22-Ti-46  
 -100.0 To 790.6 %



MAT 2225

MT= 59 (n,n') Level  
Cross Section

22-Ti-46  
-100.0 To -40.88%

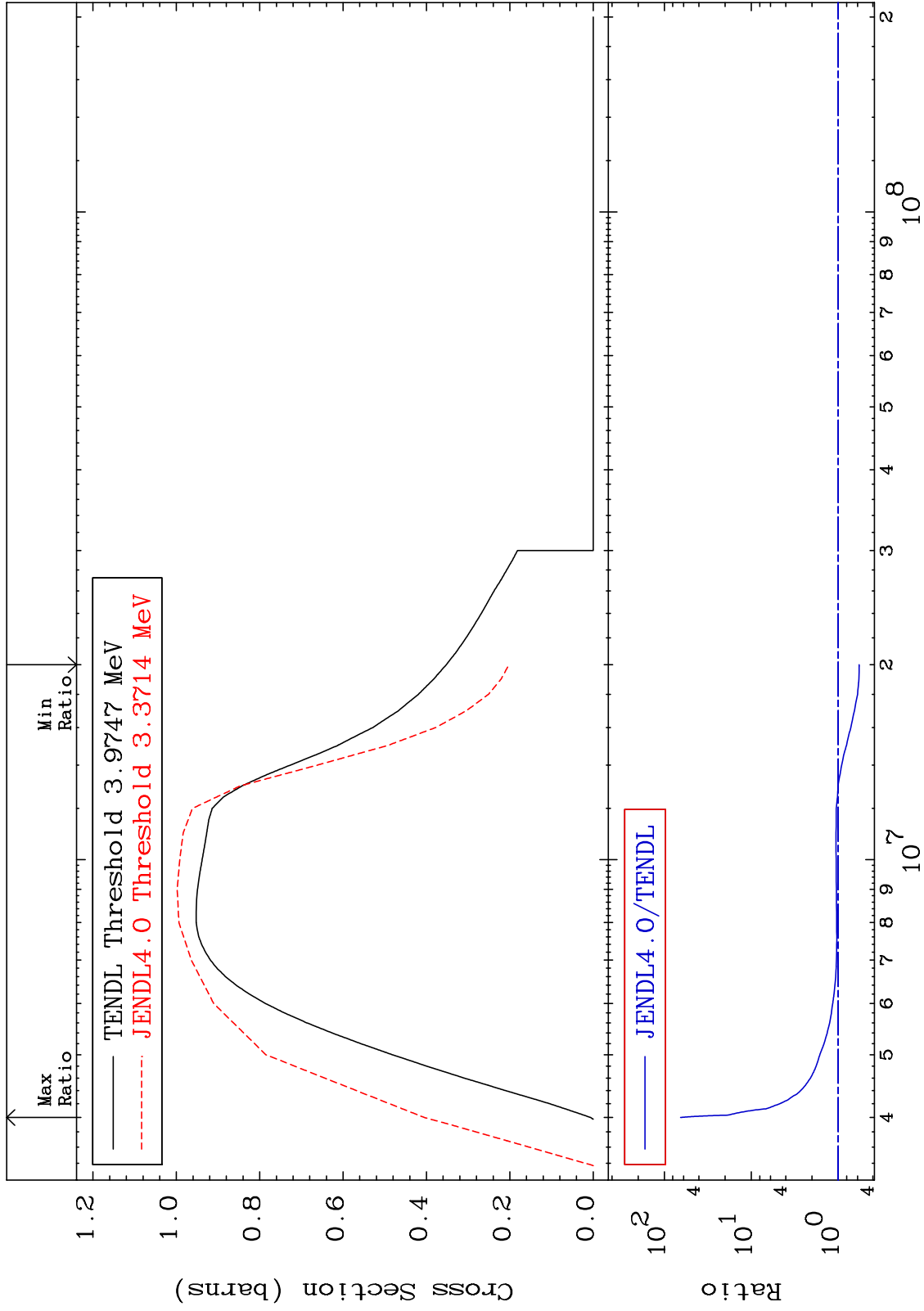




MAT 2225

(n, n') Continuum  
Cross Section

22-Ti-46  
-42.61 To 6395. %



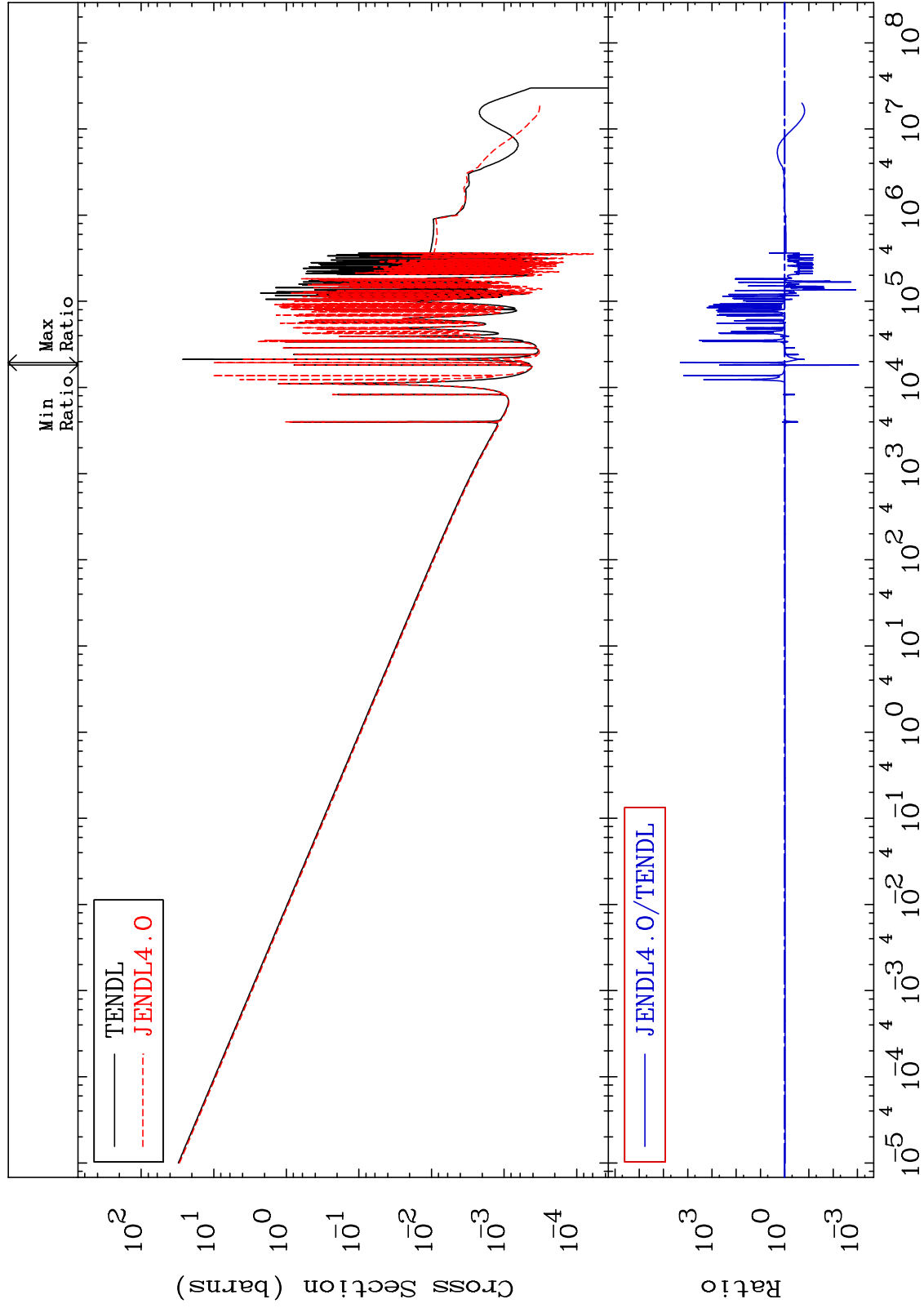
MAT 2225

(n,  $\gamma$ )

22-Ti-46

Cross Section

-99.91 To 9999. %



17

Incident Energy (eV)

22-Ti-46

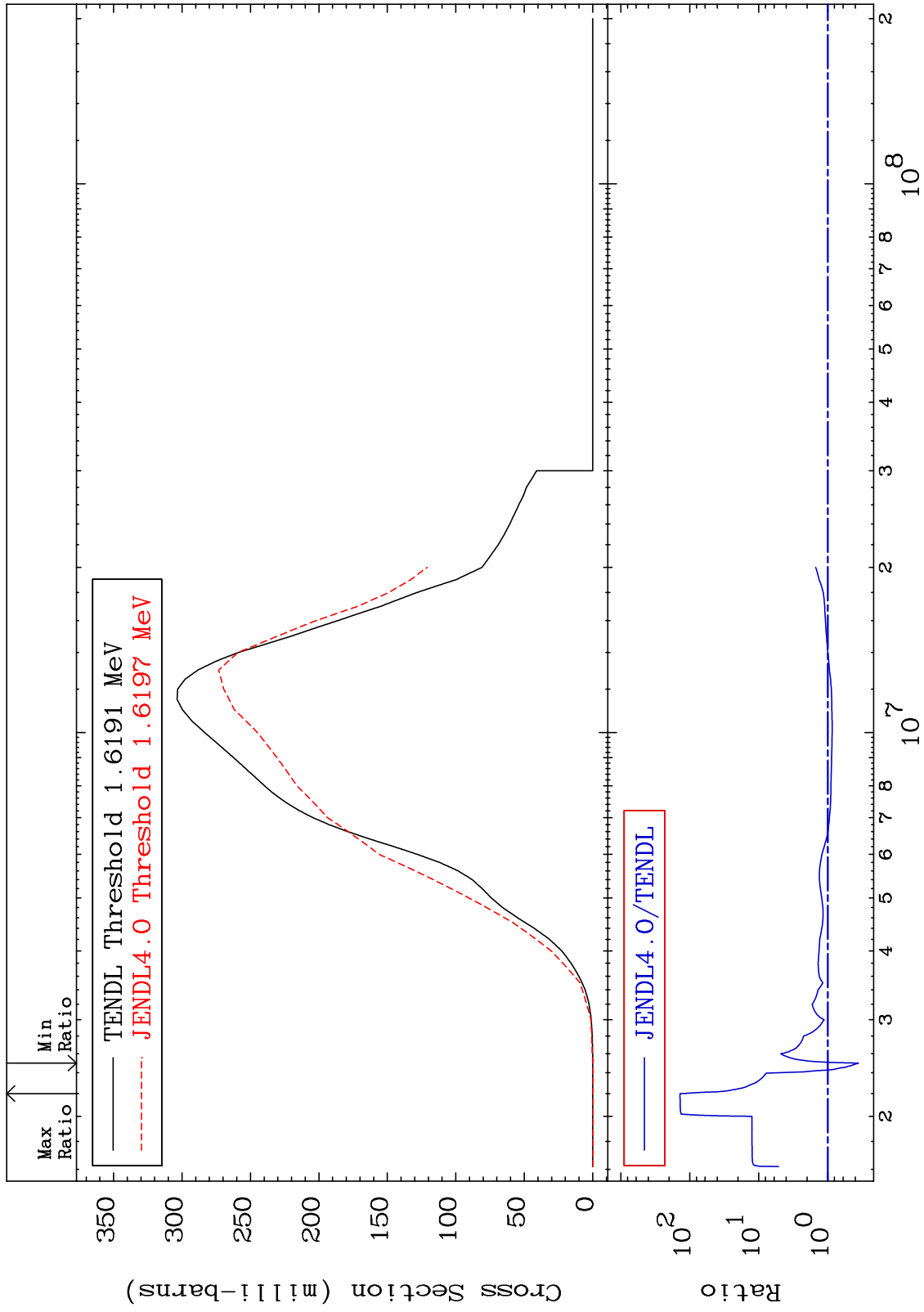
MAT 2225

(n,p)

22-Ti-46

Cross Section

-64.04 To 9999. %



18

Incident Energy (eV)

22-Ti-46

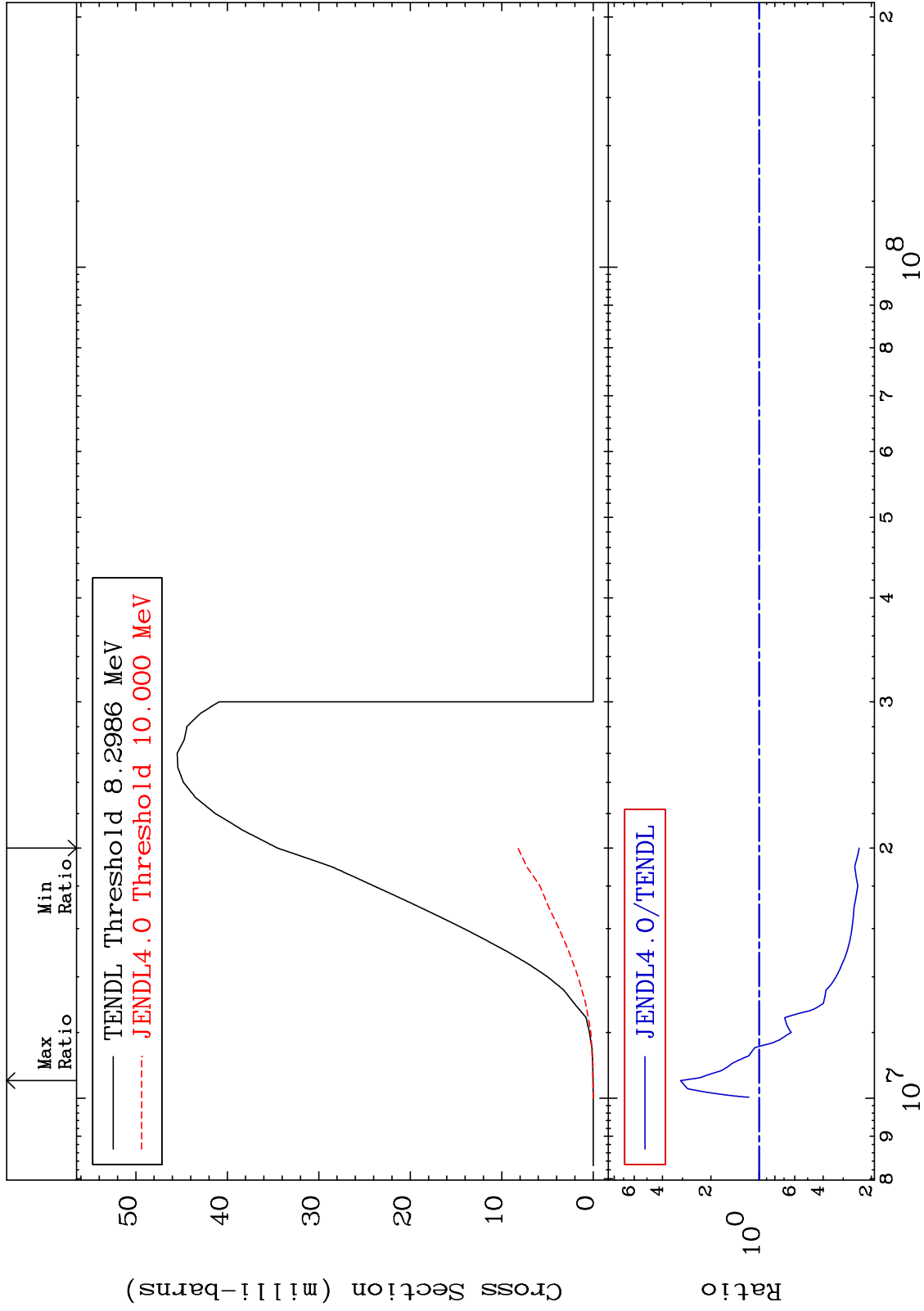
MAT 2225

(n,d)

22-Ti-46

Cross Section

-76.15 To 208.6 %



19

22-Ti-46

22-Ti-46

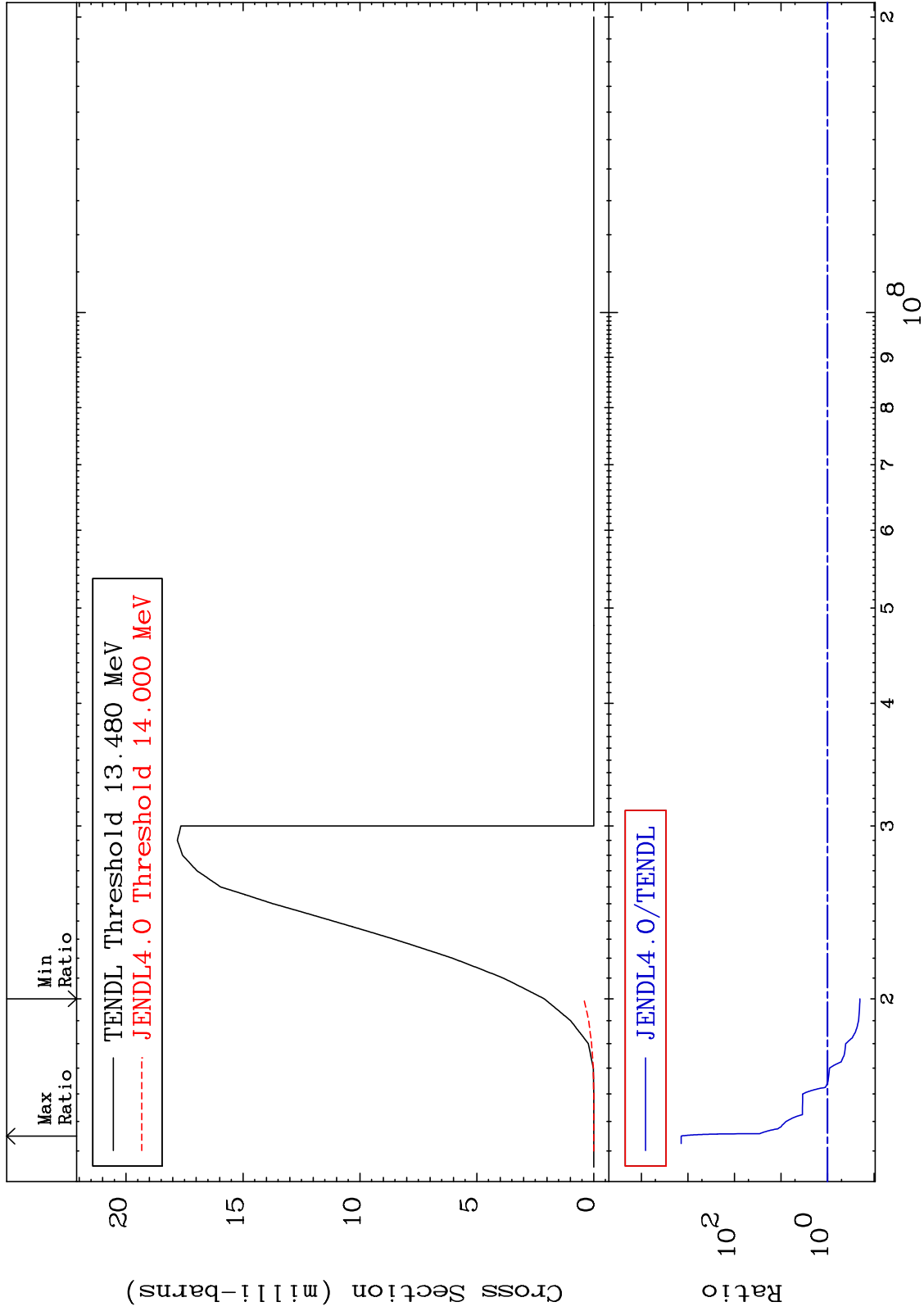
MAT 2225

(n, t)

22-Ti-46

Cross Section

-79.88 To 9999. %



20

Incident Energy (eV)

22-Ti-46

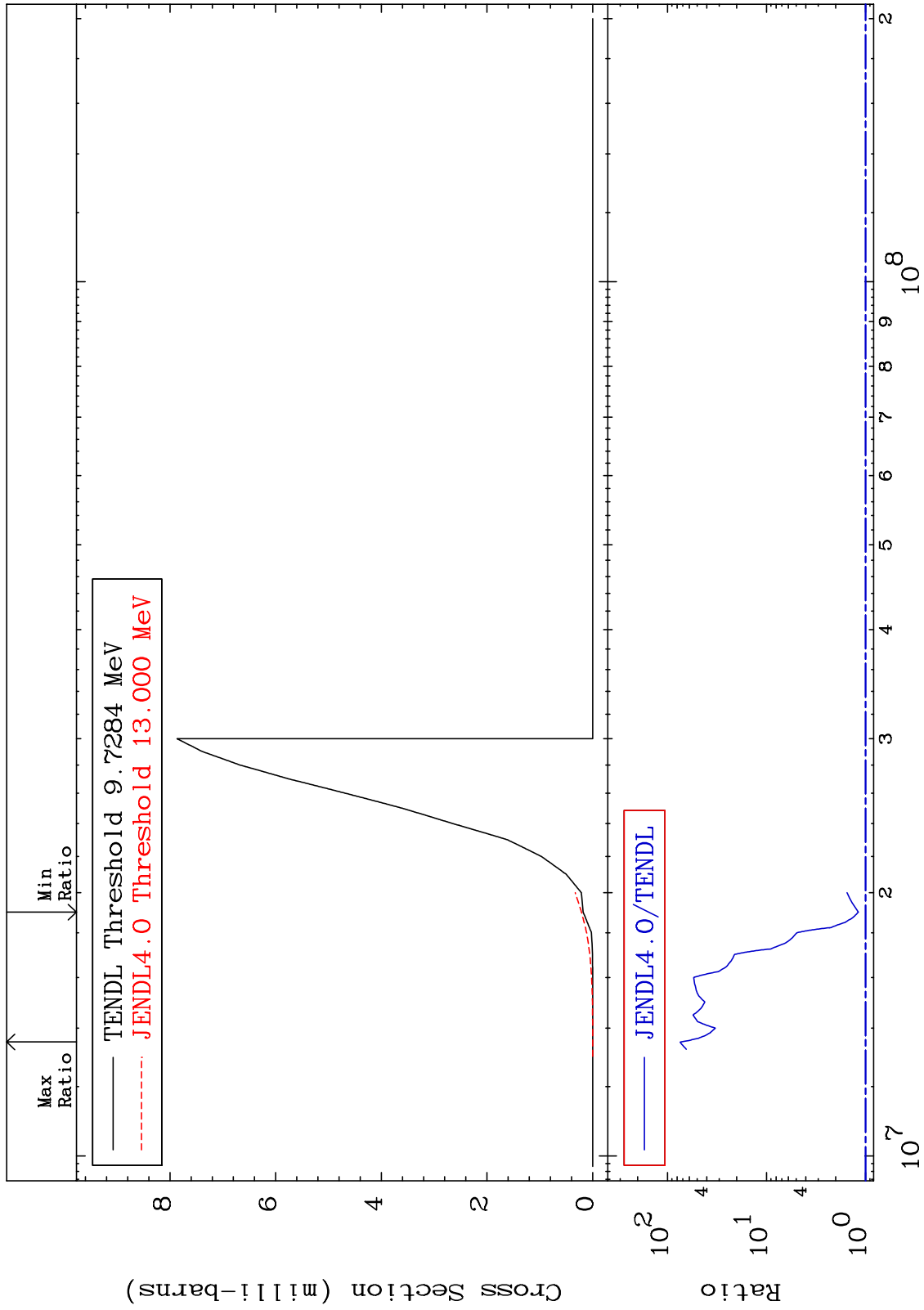
MAT 2225

(n, He-3)

22-Ti-46

Cross Section

17.83 To 7360. %



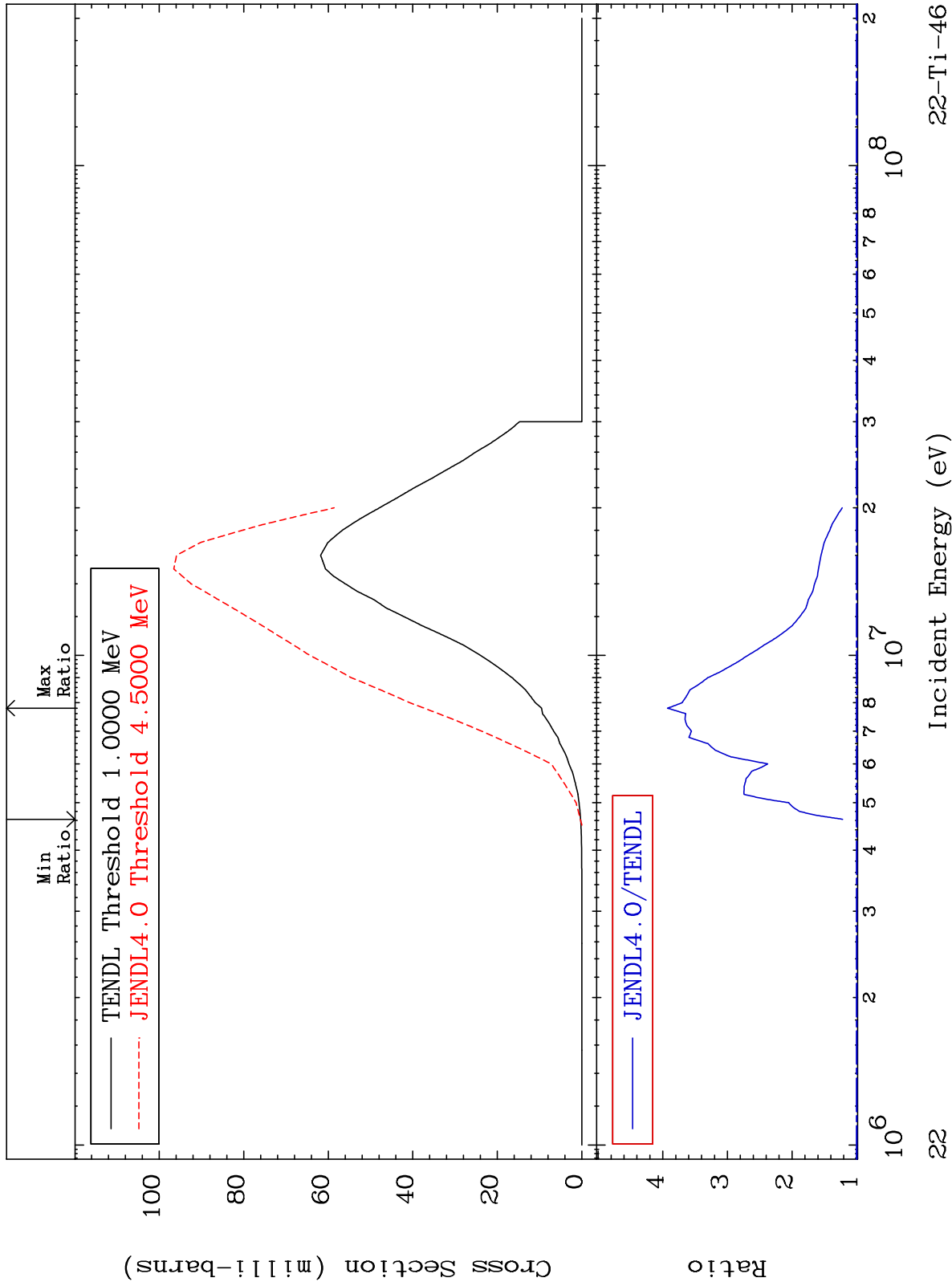
21

Incident Energy (eV)

22-Ti-46

MAT 2225

(n,  $\alpha$ ) Cross Section  
21.69 To 292.7 %  
22-Ti-46



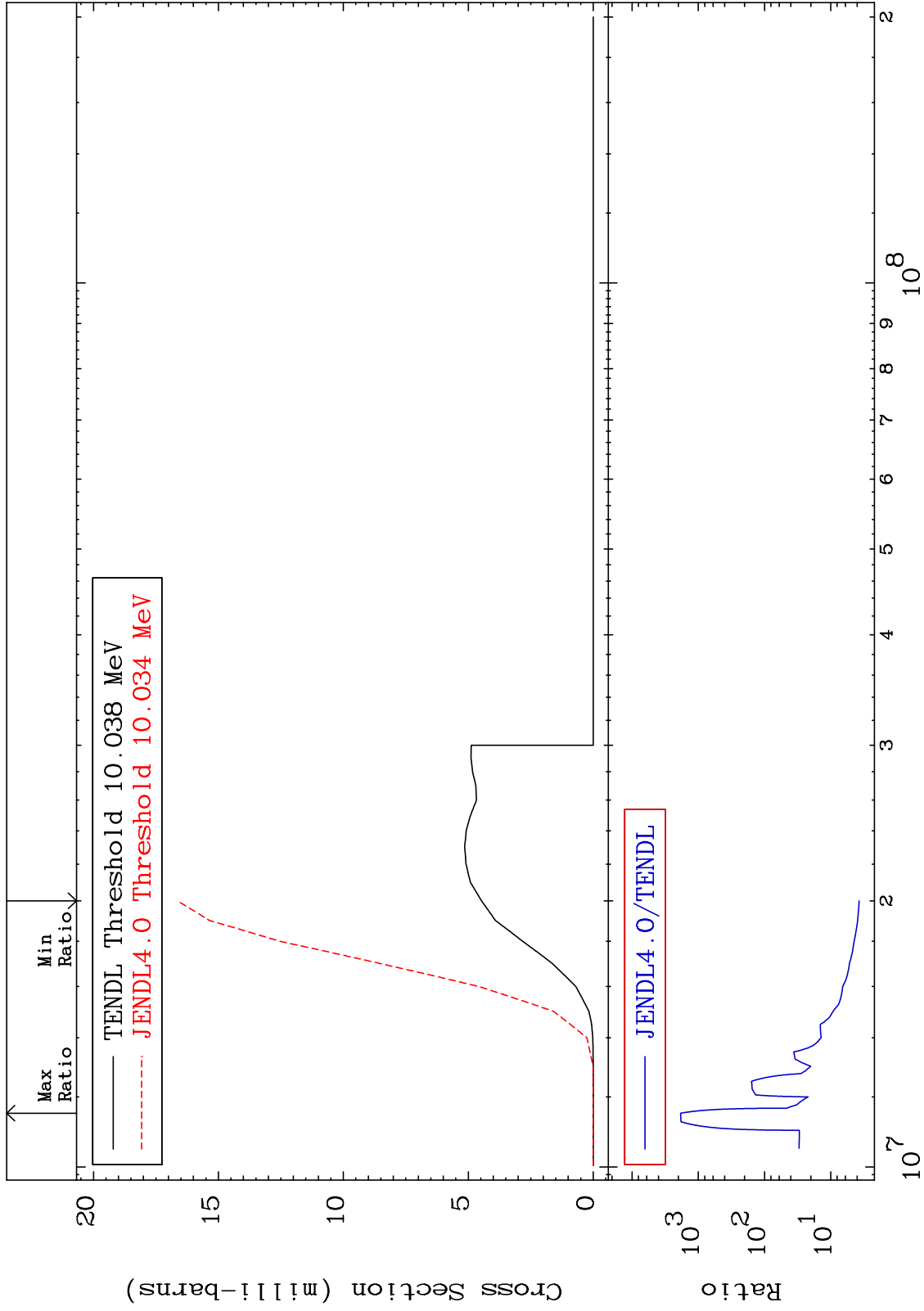
MAT 2225

(n,2p)

22-Ti-46

Cross Section

272.2 To 9999. %



Incident Energy (eV)

22-Ti-46

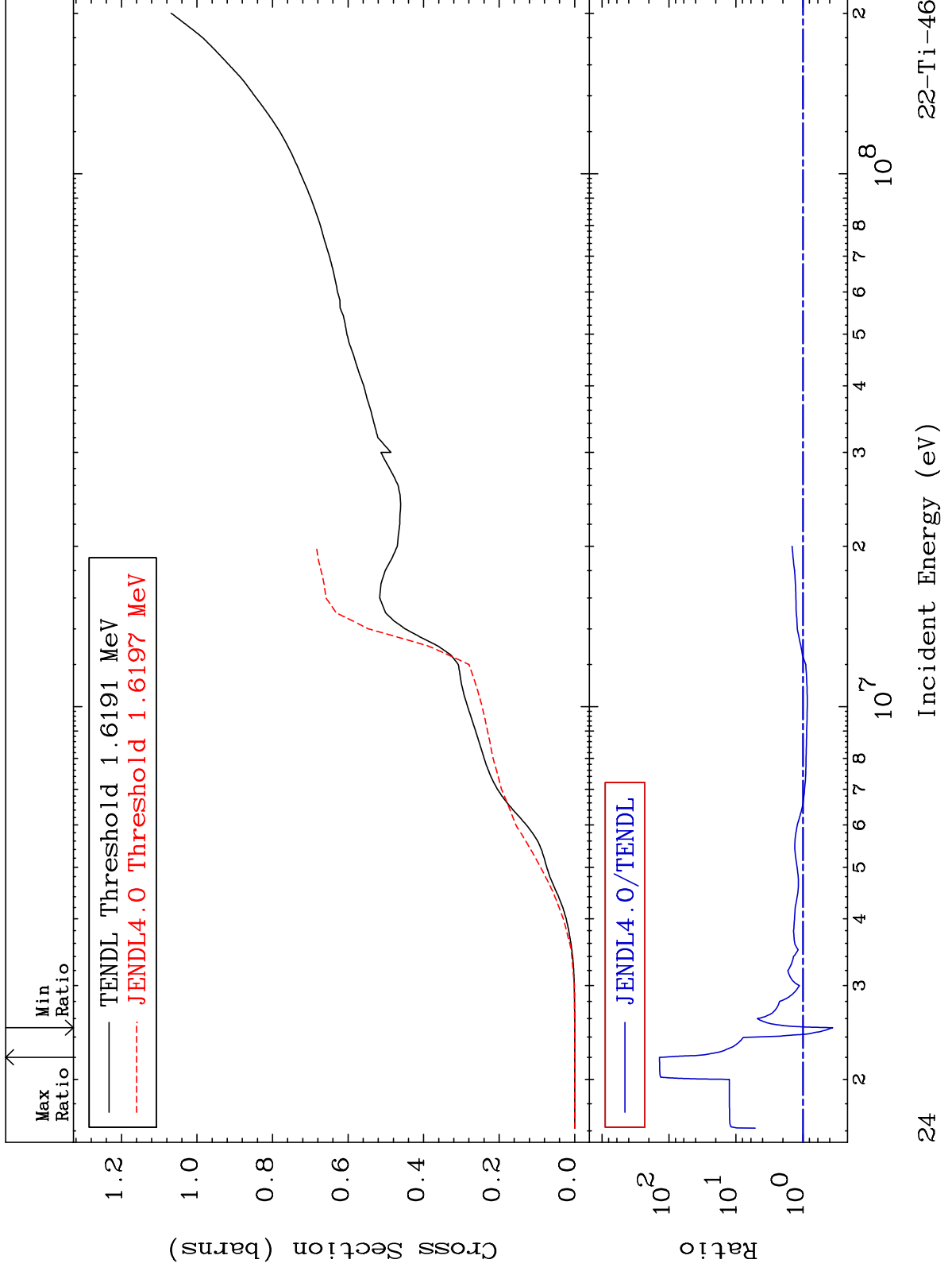
23



MAT 2225

Hydrogen Production  
Cross Section

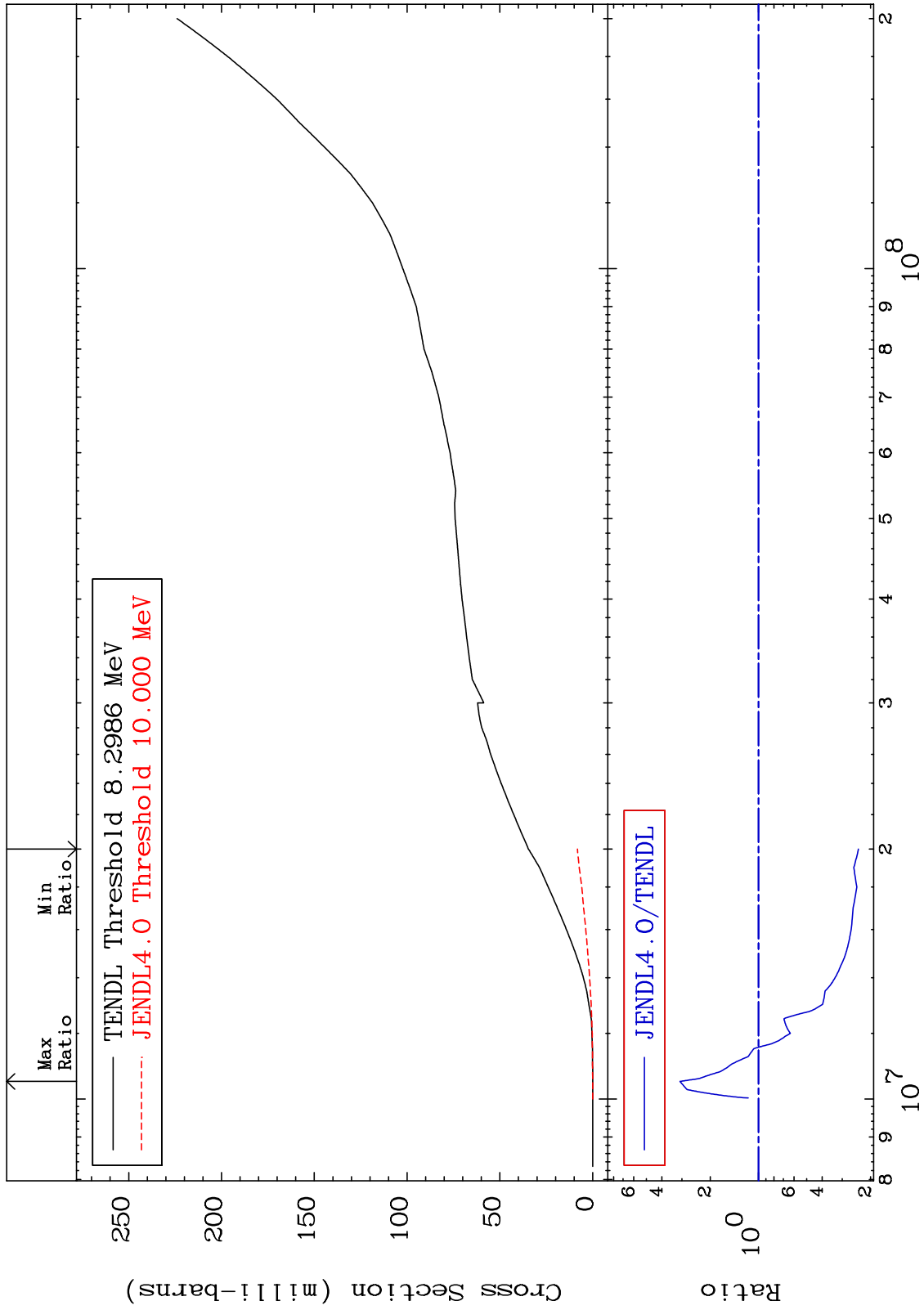
22-Ti-46  
-64.04 To 9999. %



MAT 2225

Deuterium Production  
Cross Section

22-Ti-46  
-76.21 To 208.6 %



25

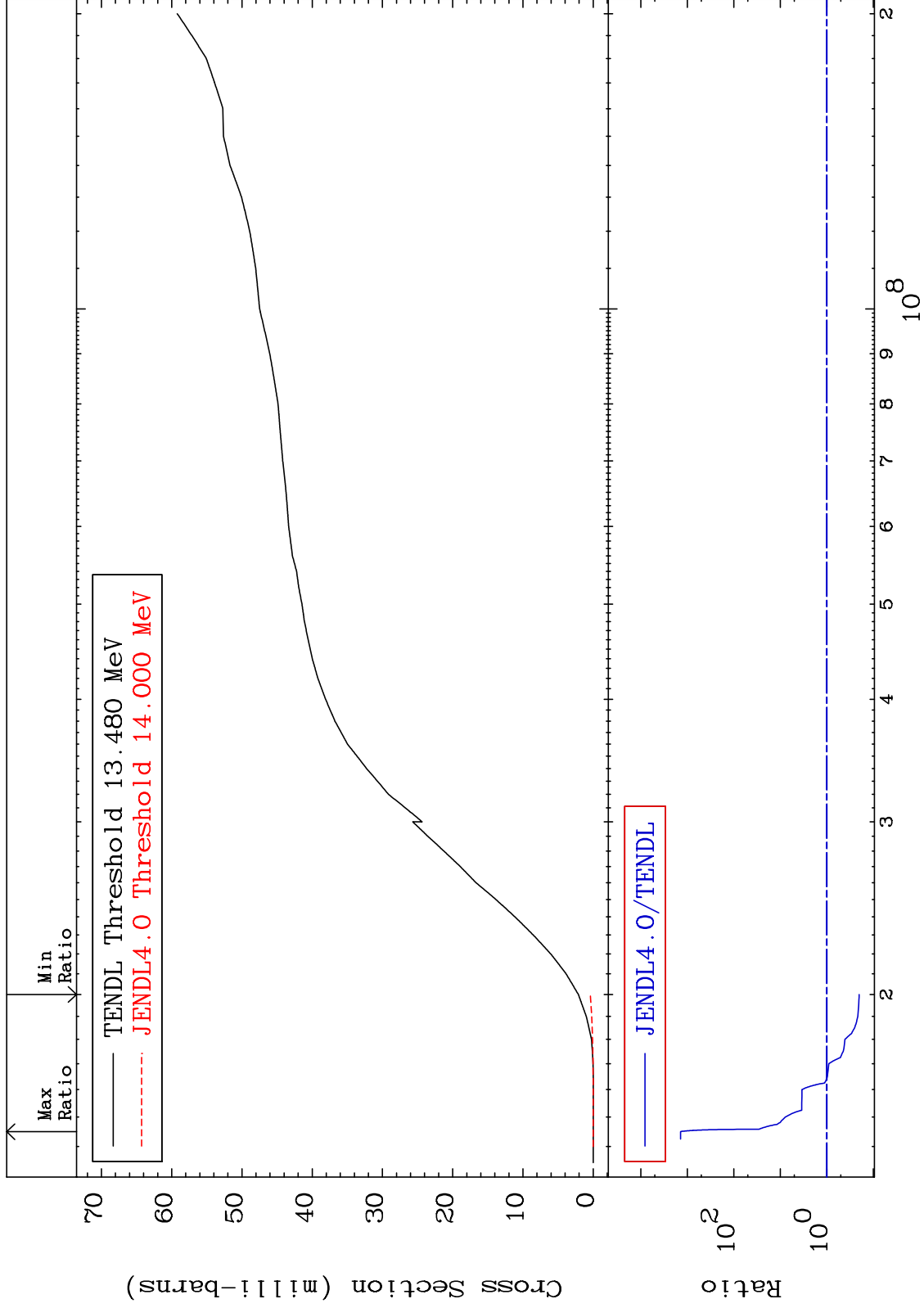
Incident Energy (eV)

22-Ti-46

MAT 2225

Tritium Production  
Cross Section

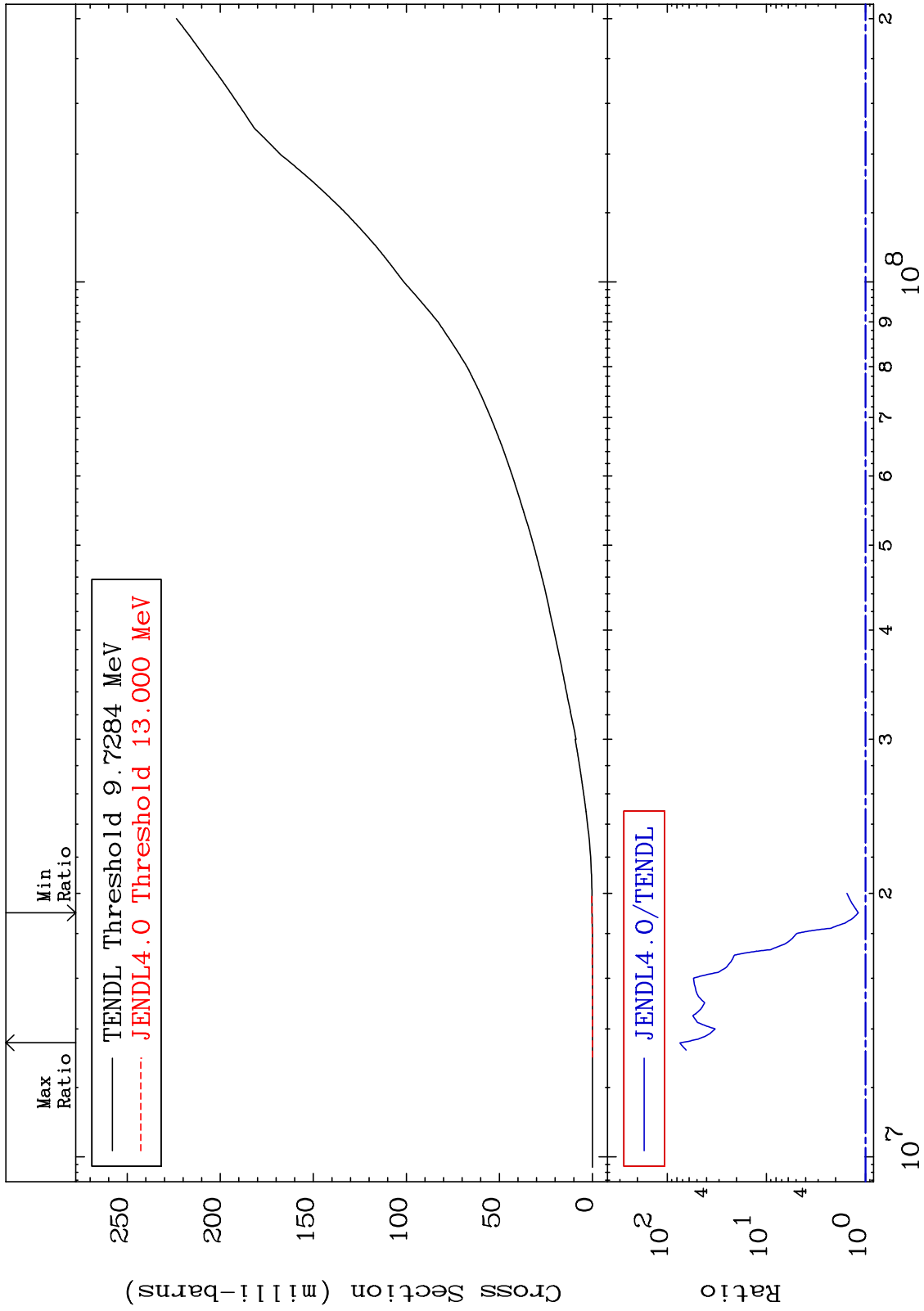
22-Ti-46  
-79.88 To 9999. %



MAT 2225

He-3 Production  
Cross Section

22-Ti-46  
17.83 To 7360. %



22-Ti-46

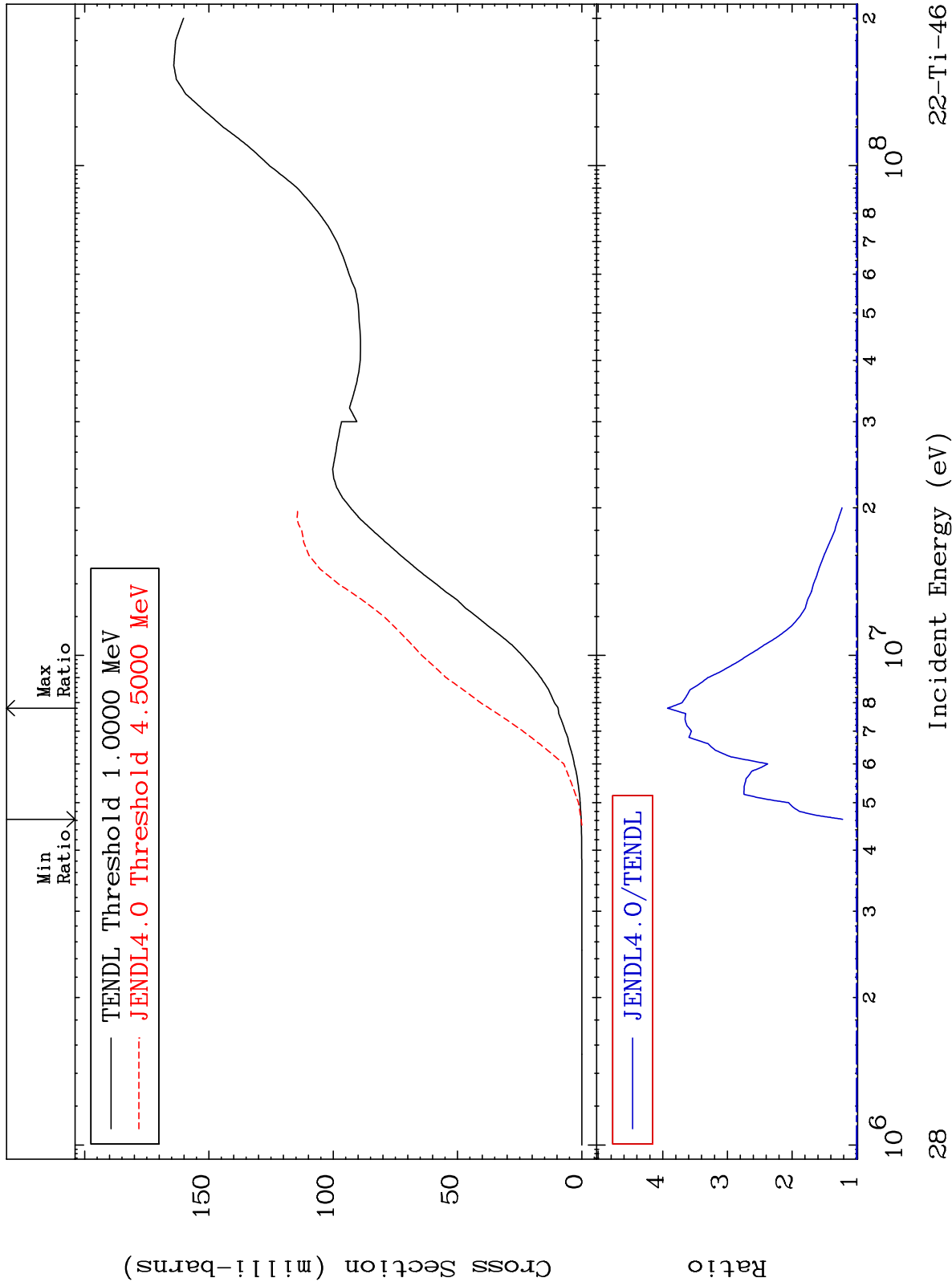
Incident Energy (eV)

27

MAT 2225

He-4 Production  
Cross Section

21.69 To 292.7 %  
22-Ti-46



22-Ti-46

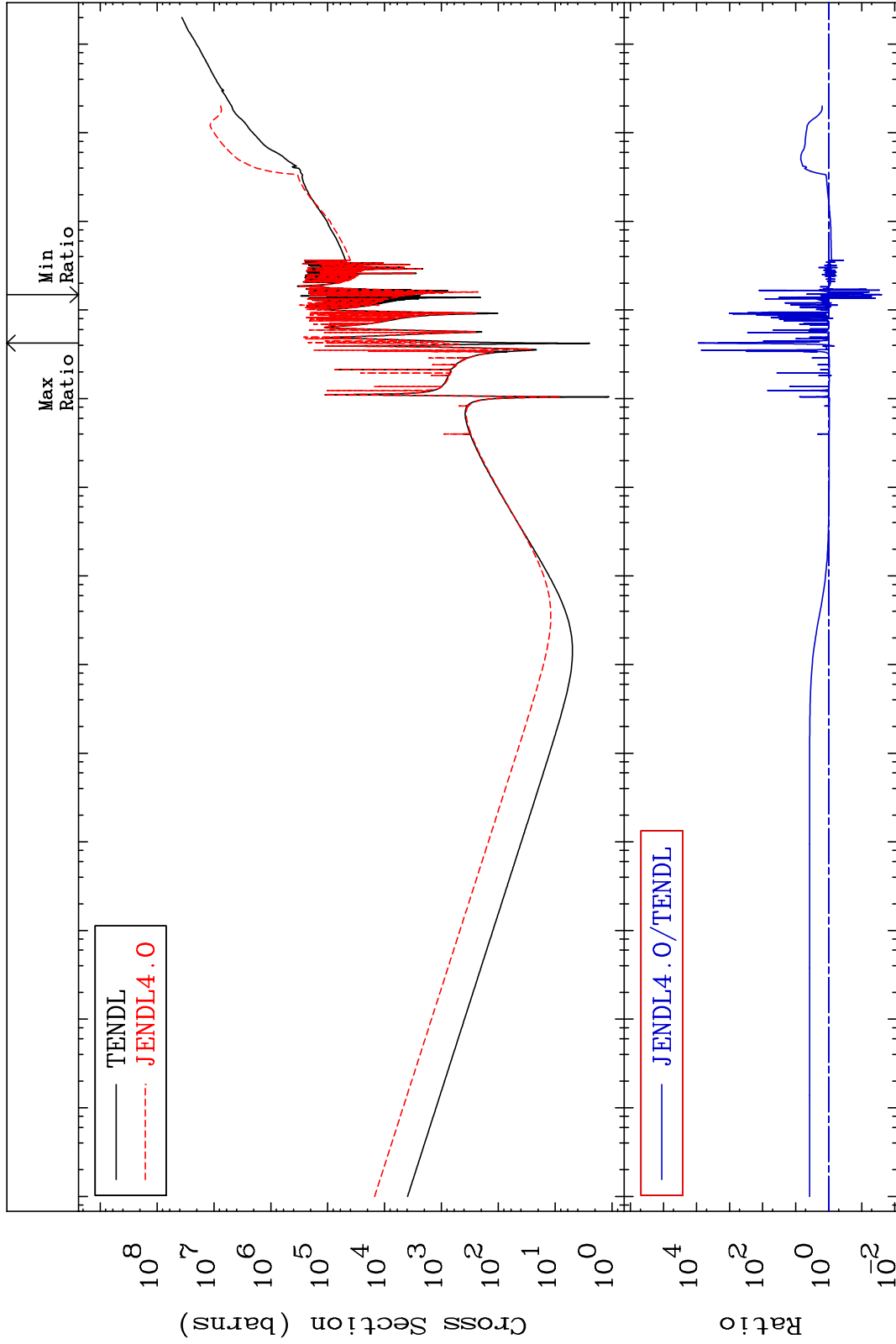
Incident Energy (eV)

28

MAT 2225

Kerma total (eV-barns)  
Cross Section

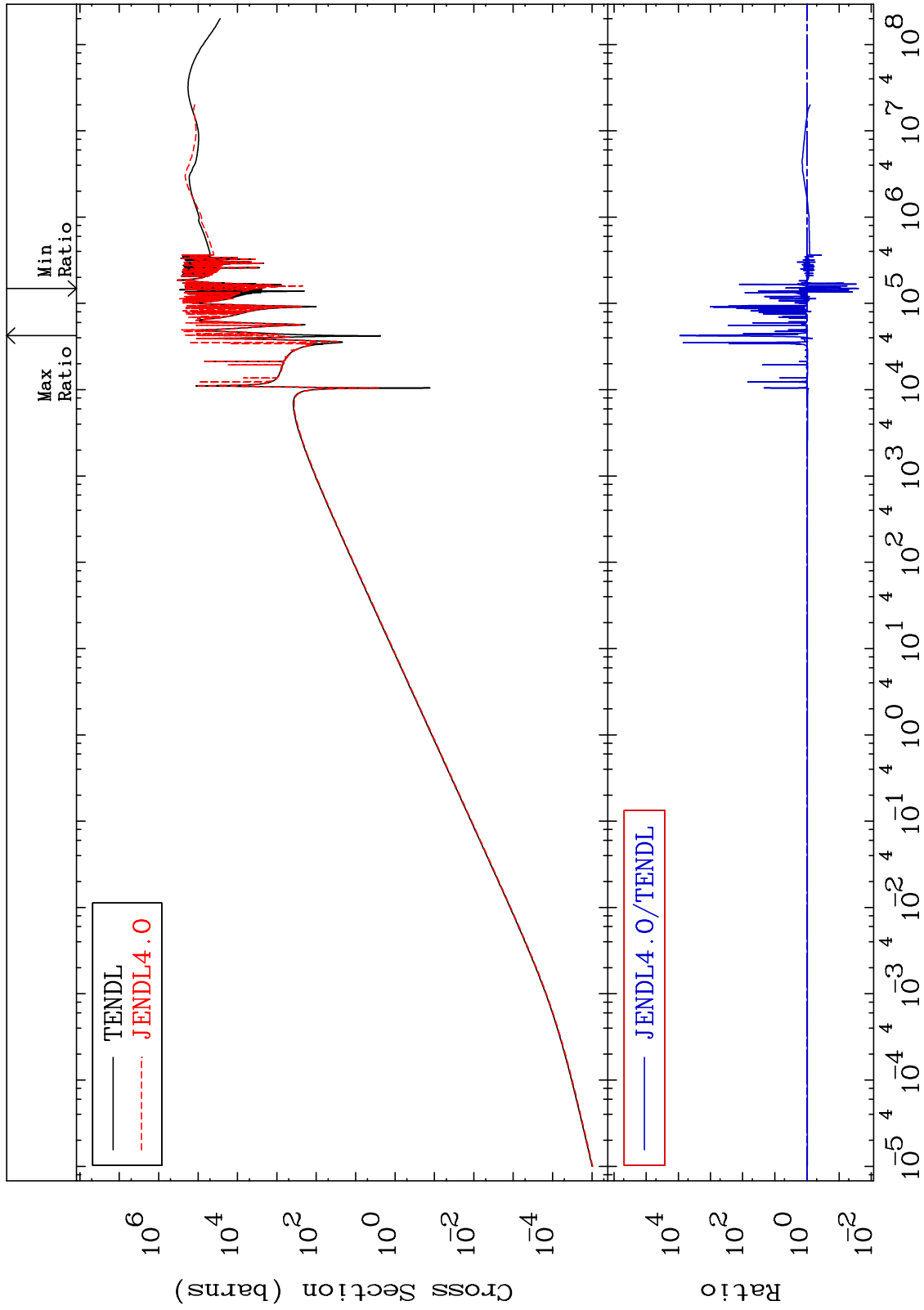
22-Ti-46  
-97.49 To 9999. %



MAT 2225

Kerma elastic  
Cross Section

22-Ti-46  
-97.49 To 9999. %



30

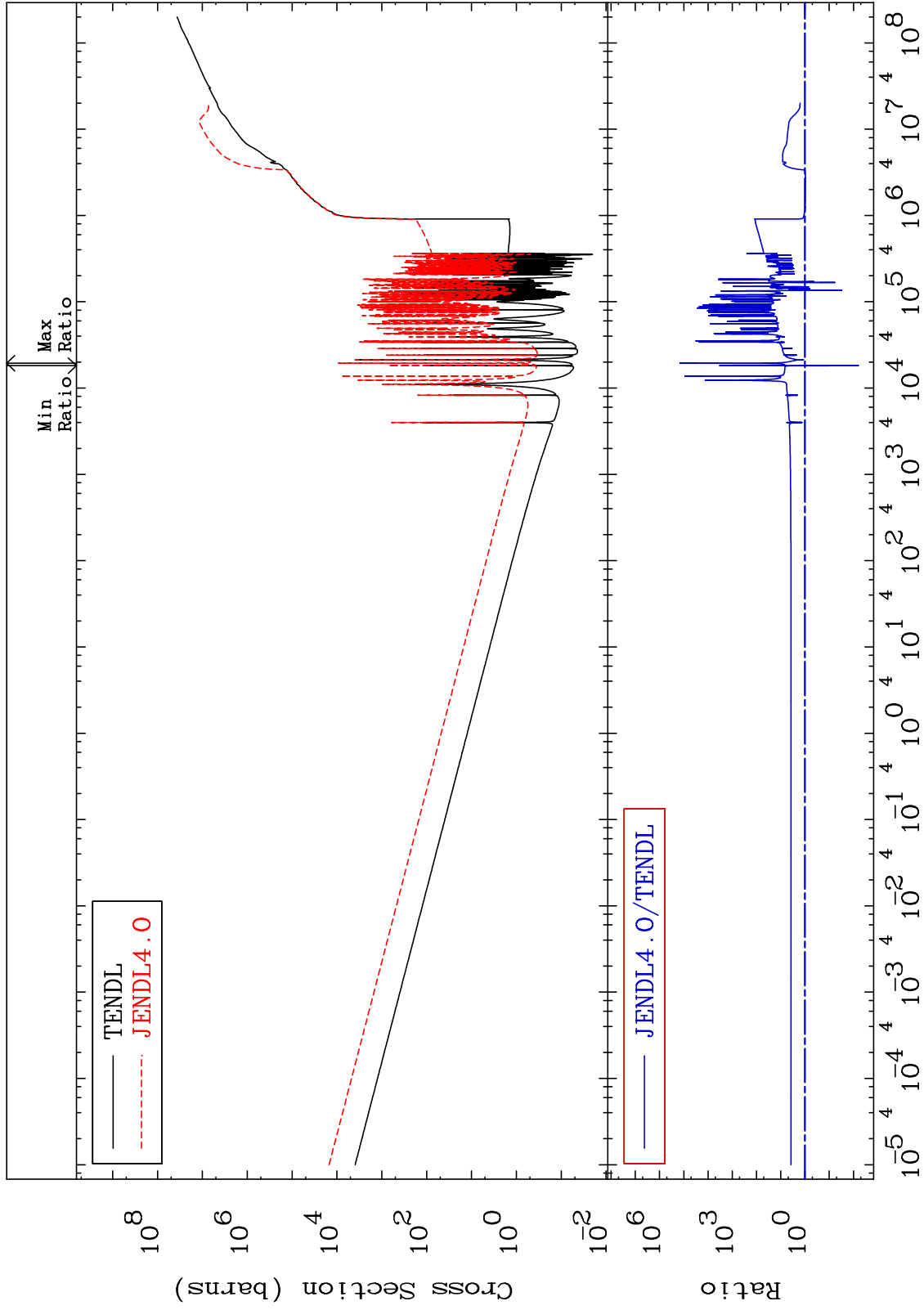
Incident Energy (eV)

22-Ti-46

MAT 2225

Kerma non-elastic (all but mt2)  
Cross Section

22-Ti-46  
-99.37 To 9999. %

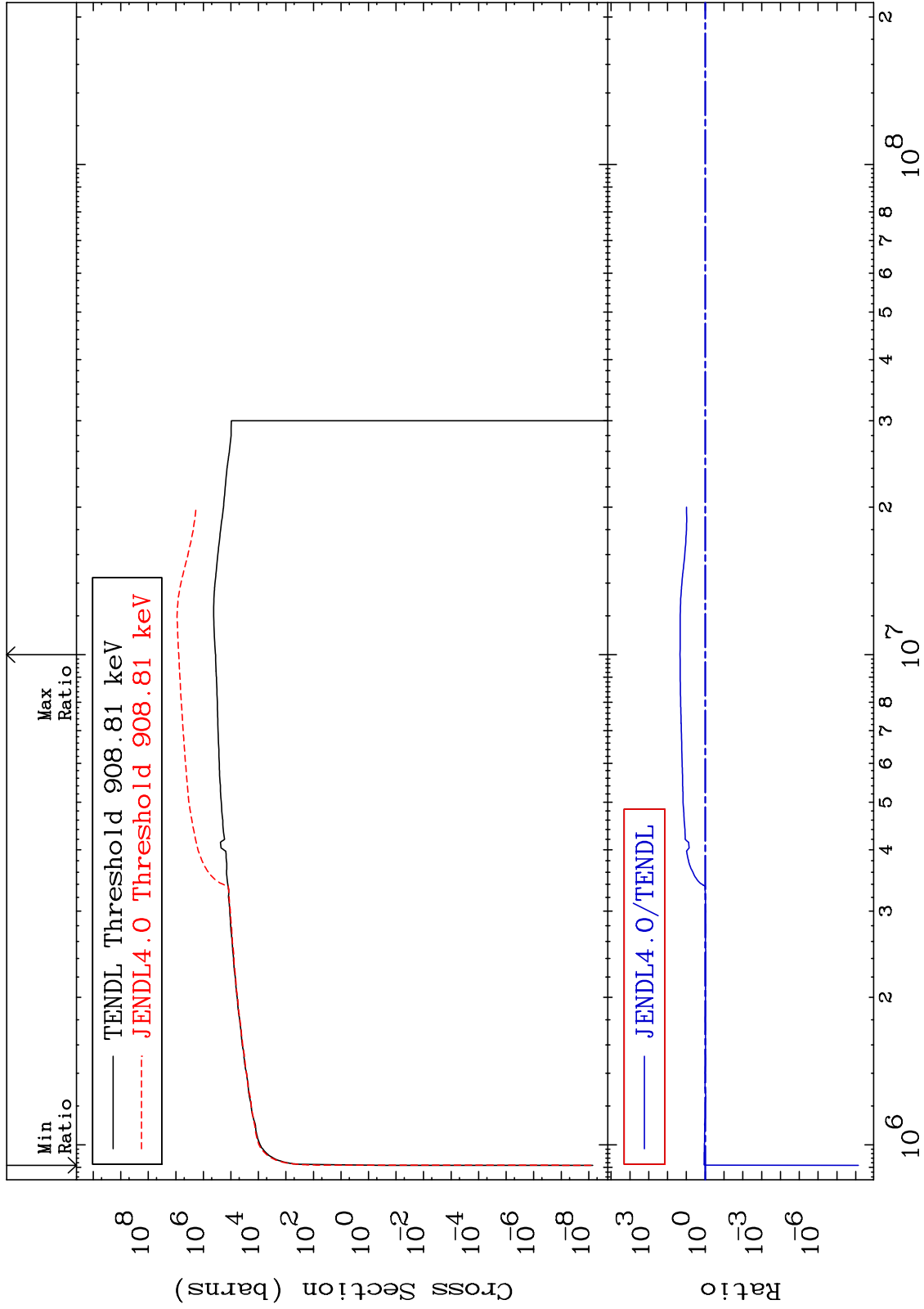




MAT 2225

Kerma inelastic (mt51-91)  
Cross Section

22-Ti-46  
-100.0 To 2075. %



32

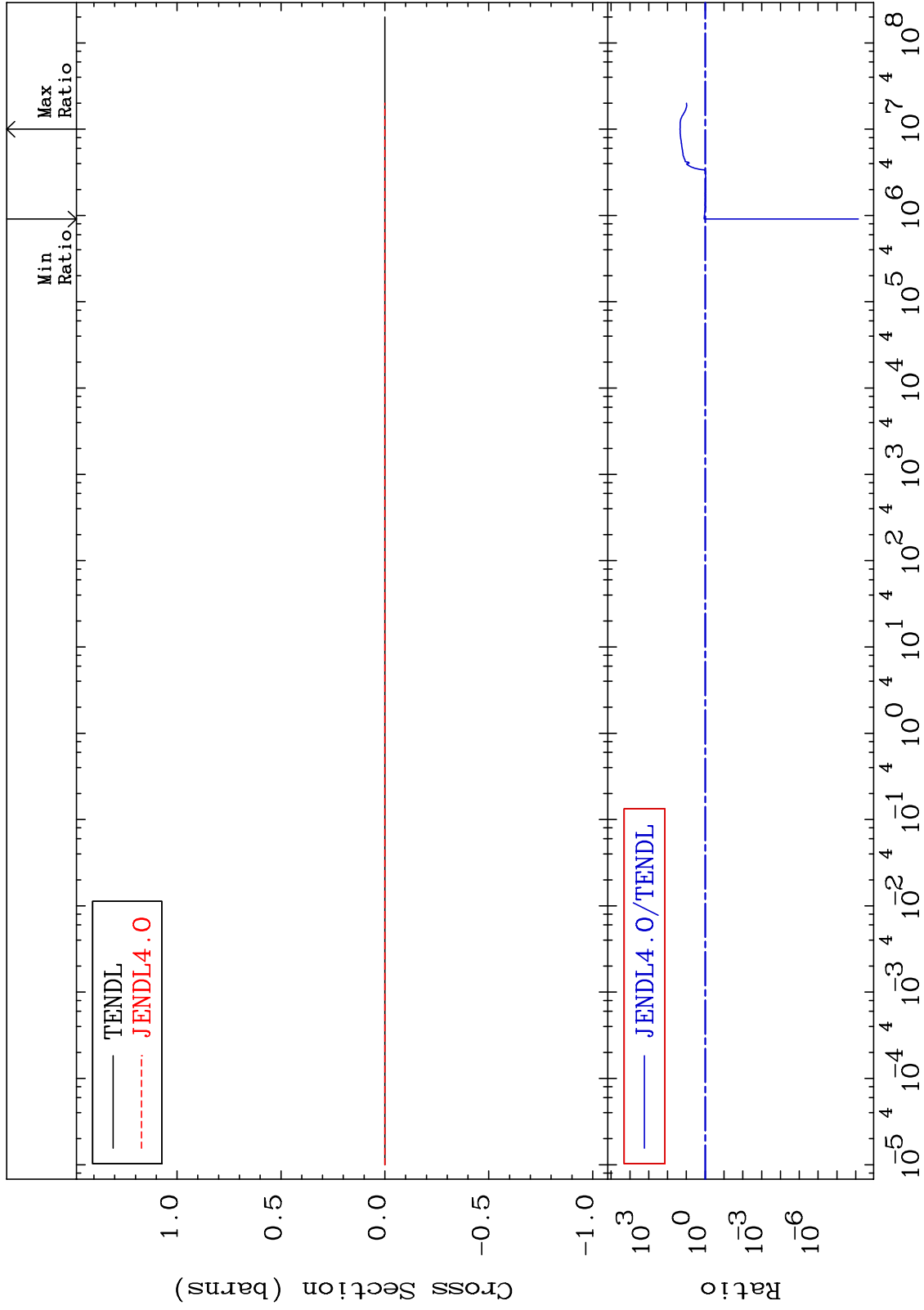
Incident Energy (eV)

22-Ti-46

MAT 2225

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

22-Ti-46  
-100.0 To 2075. %



33

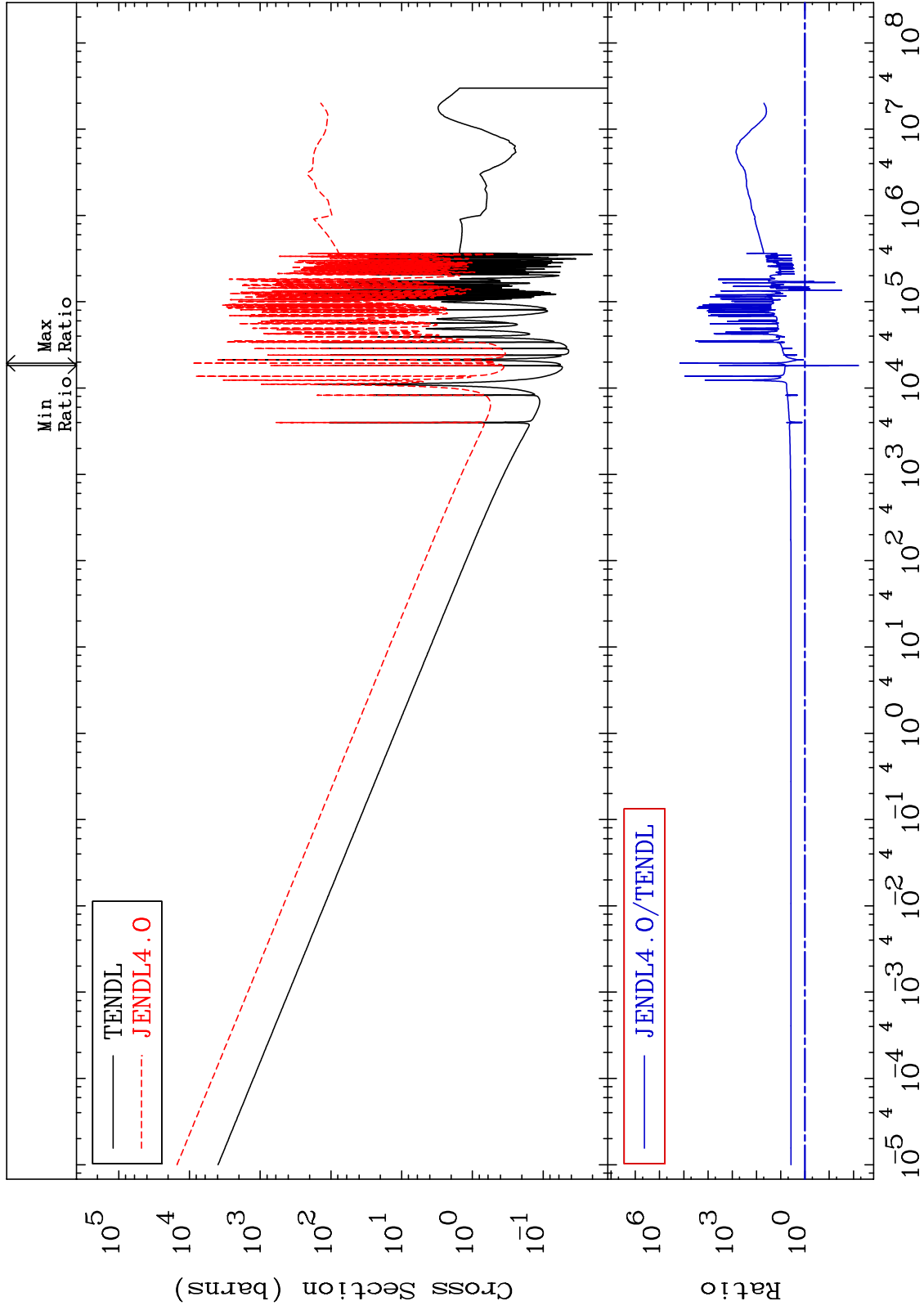
Incident Energy (eV)

22-Ti-46

MAT 2225

Kerma capture (mt102)  
Cross Section

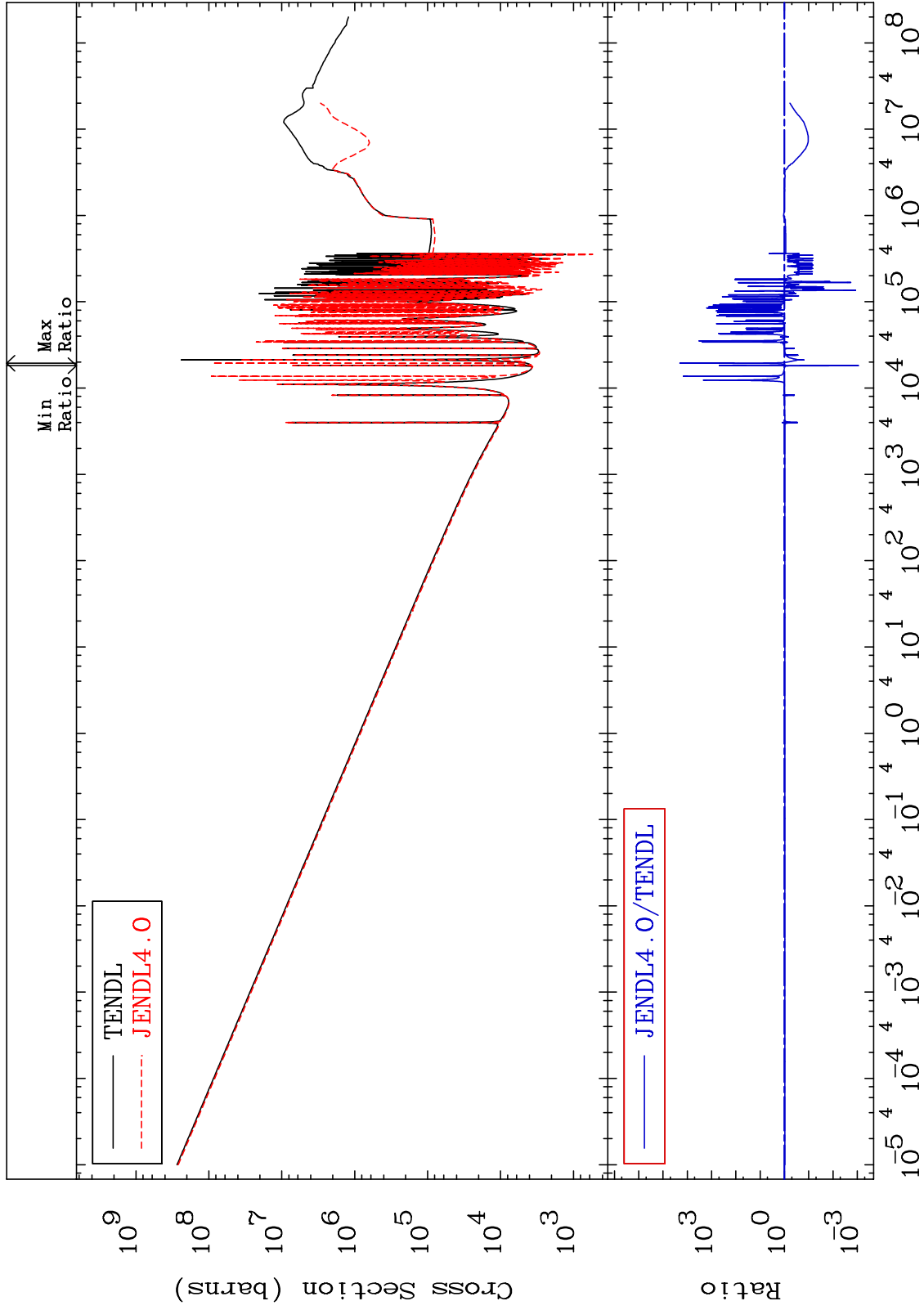
22-Ti-46  
-99.37 To 9999. %



MAT 2225

Total photon (eV-barns)  
Cross Section

22-Ti-46  
-99.91 To 9999. %



35

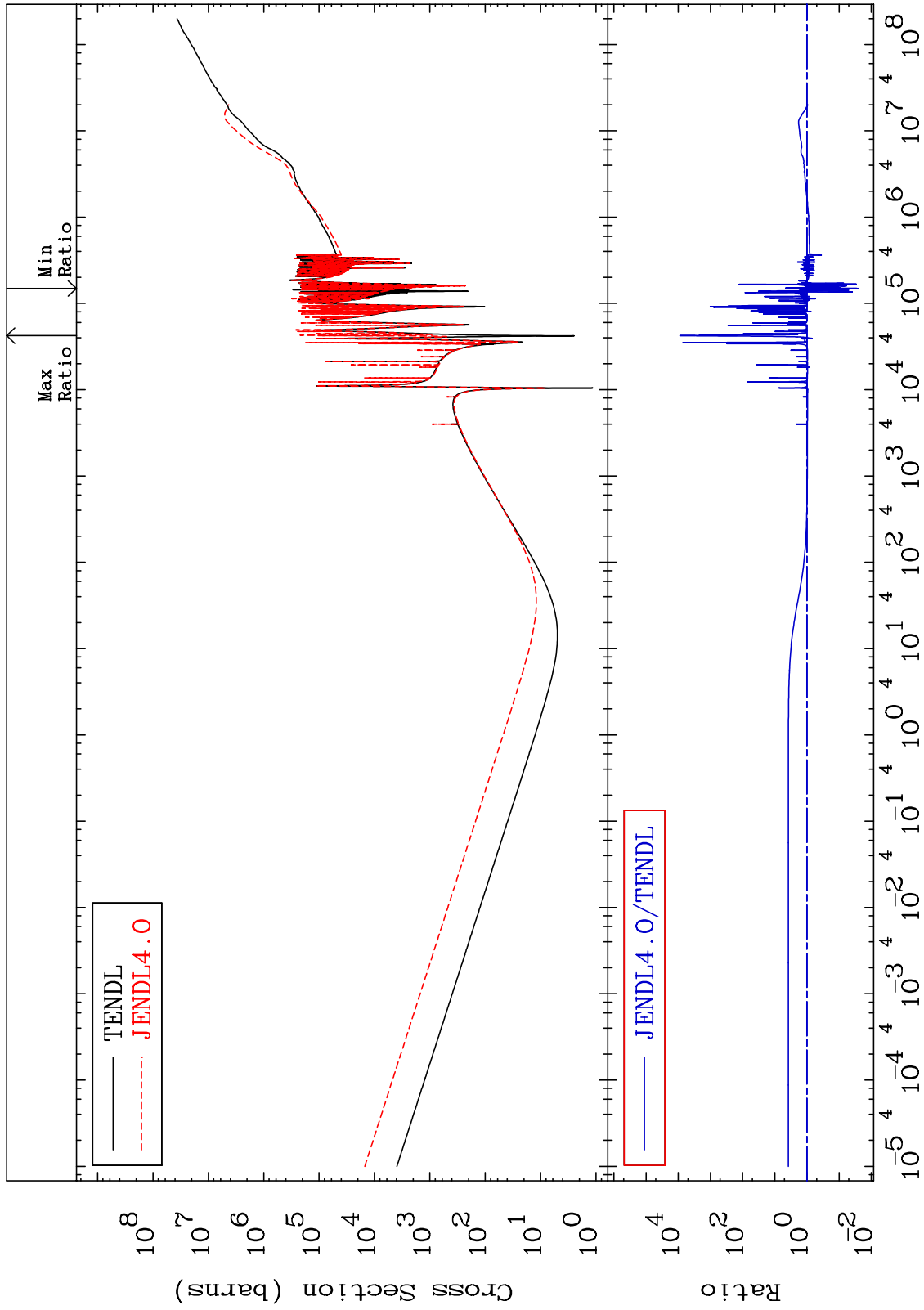
Incident Energy (eV)

22-Ti-46

MAT 2225

Total kinematic kerma (high limit)  
Cross Section

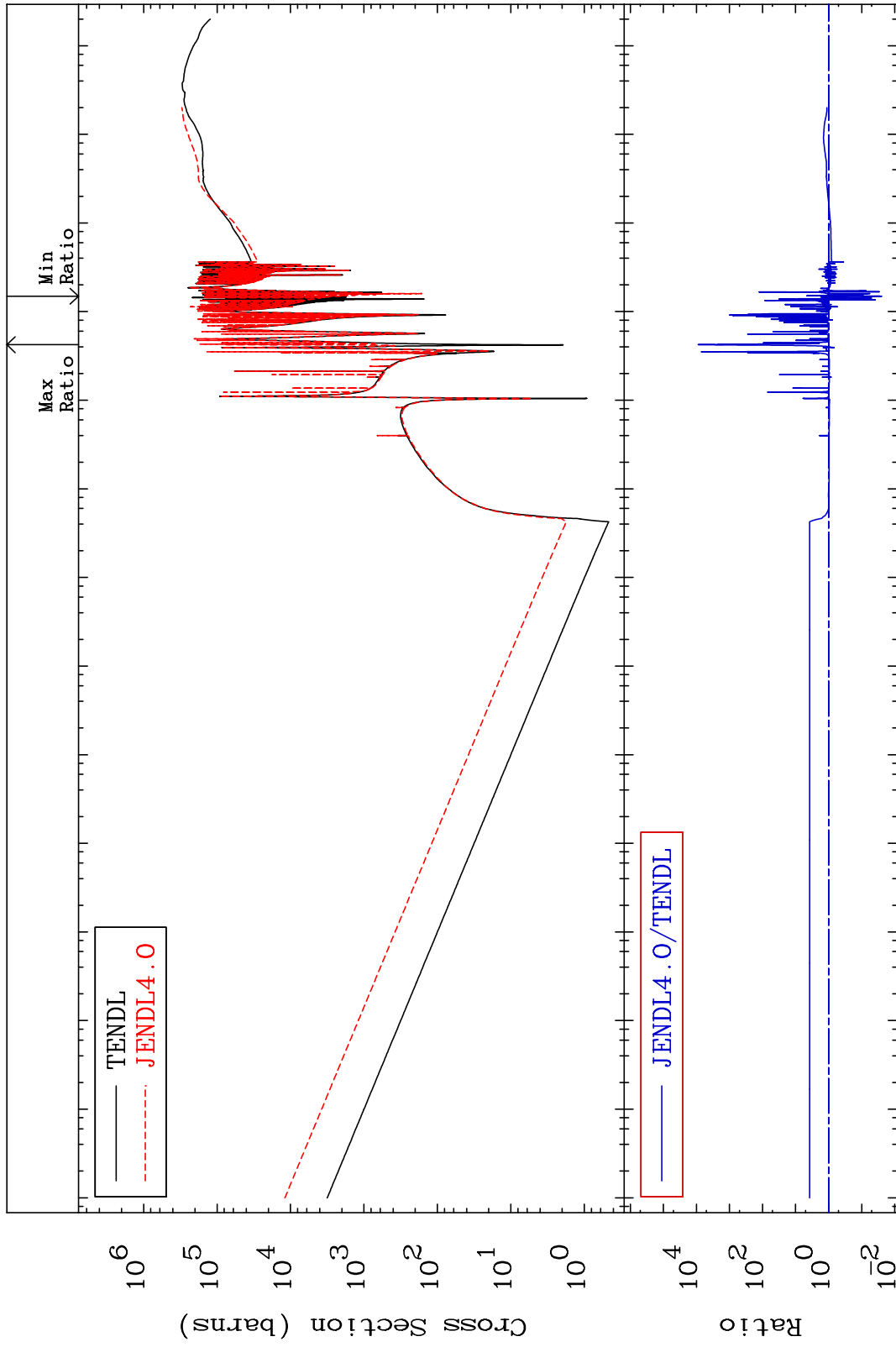
22-Ti-46  
-97.49 To 9999. %



MAT 2225

Dpa total (eV-barns)  
Cross Section

22-Ti-46  
-97.49 To 9999. %



37

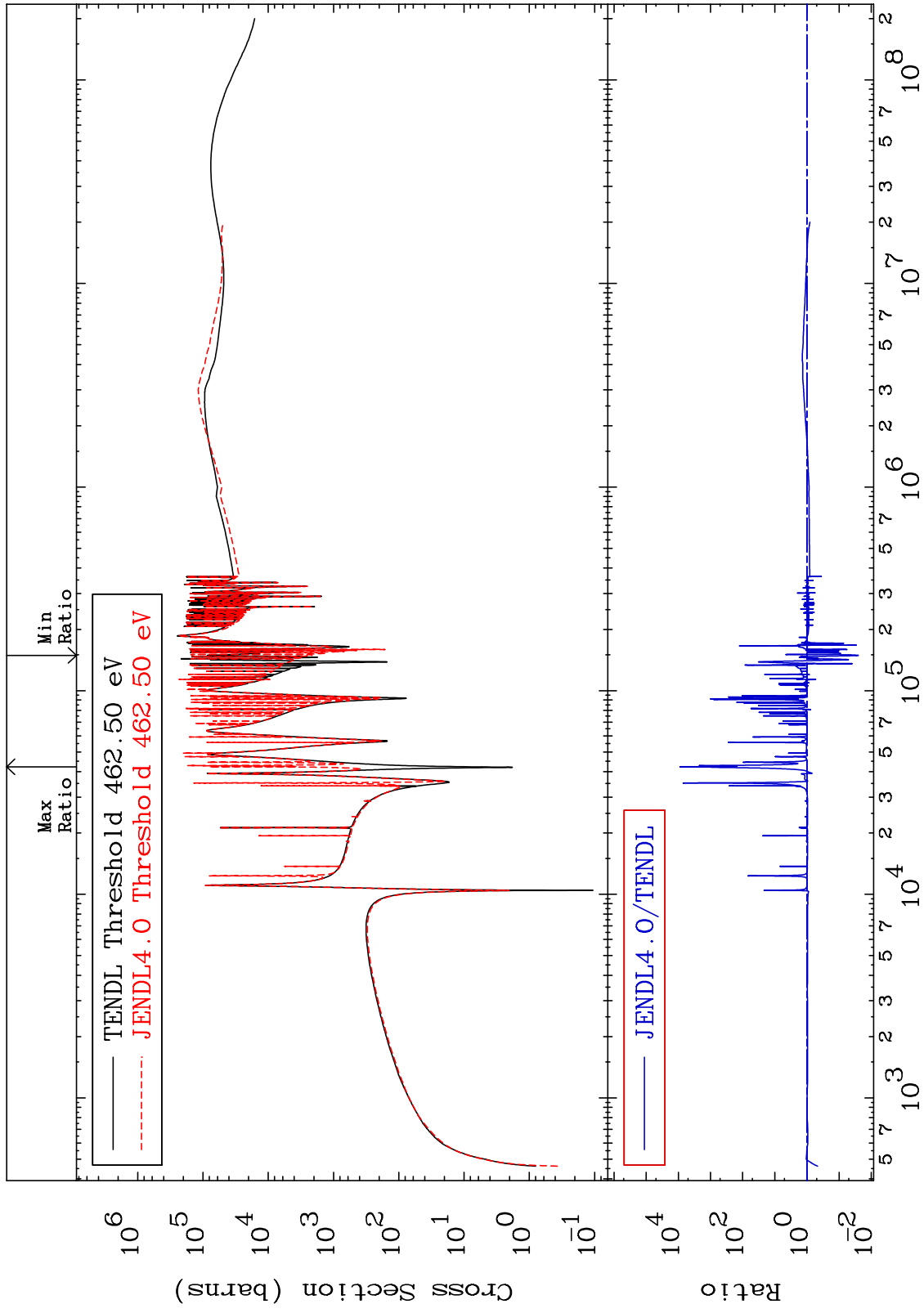
Incident Energy (eV)

22-Ti-46

MAT 2225

Dpa elastic (mt2)  
Cross Section

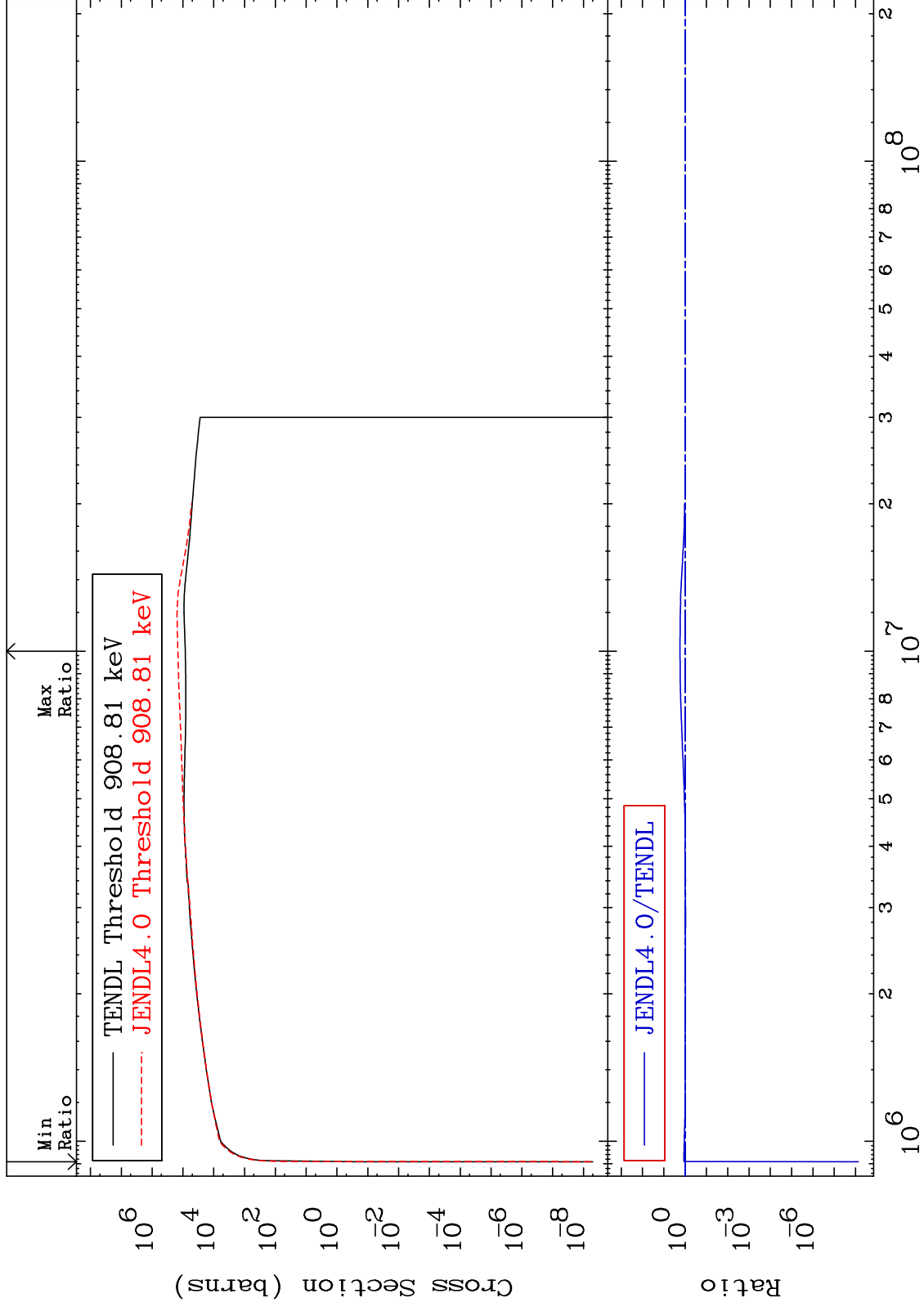
22-Ti-46  
-97.49 To 9999. %



MAT 2225

Dpa inelastic (mt51-91)  
Cross Section

22-Ti-46  
-100.0 To 73.41 %



39

Incident Energy (eV)

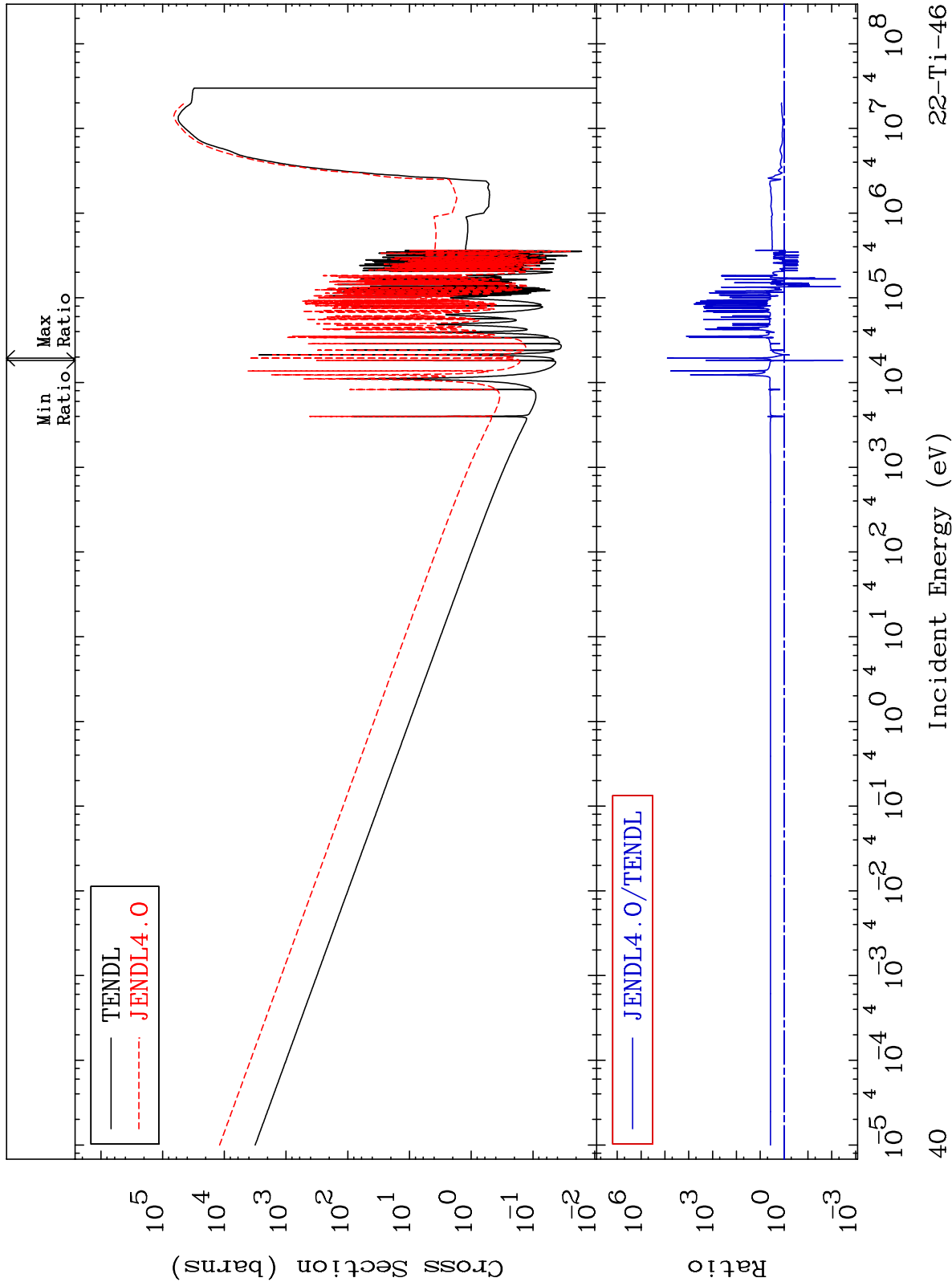
22-Ti-46



MAT 2225

Dpa disappearance (mt102 -120)  
Cross Section

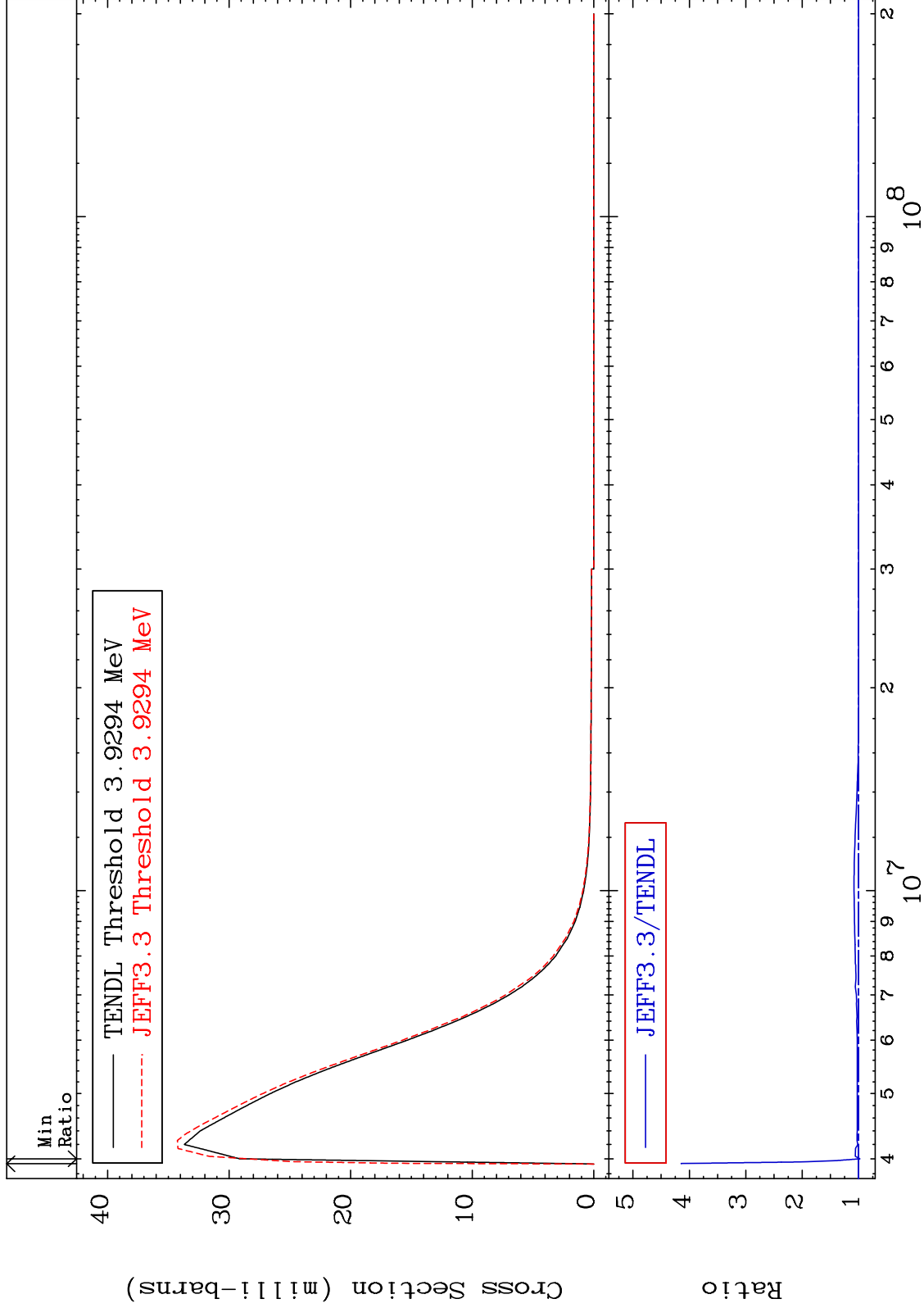
22-Ti-46  
-99.65 To 9999. %



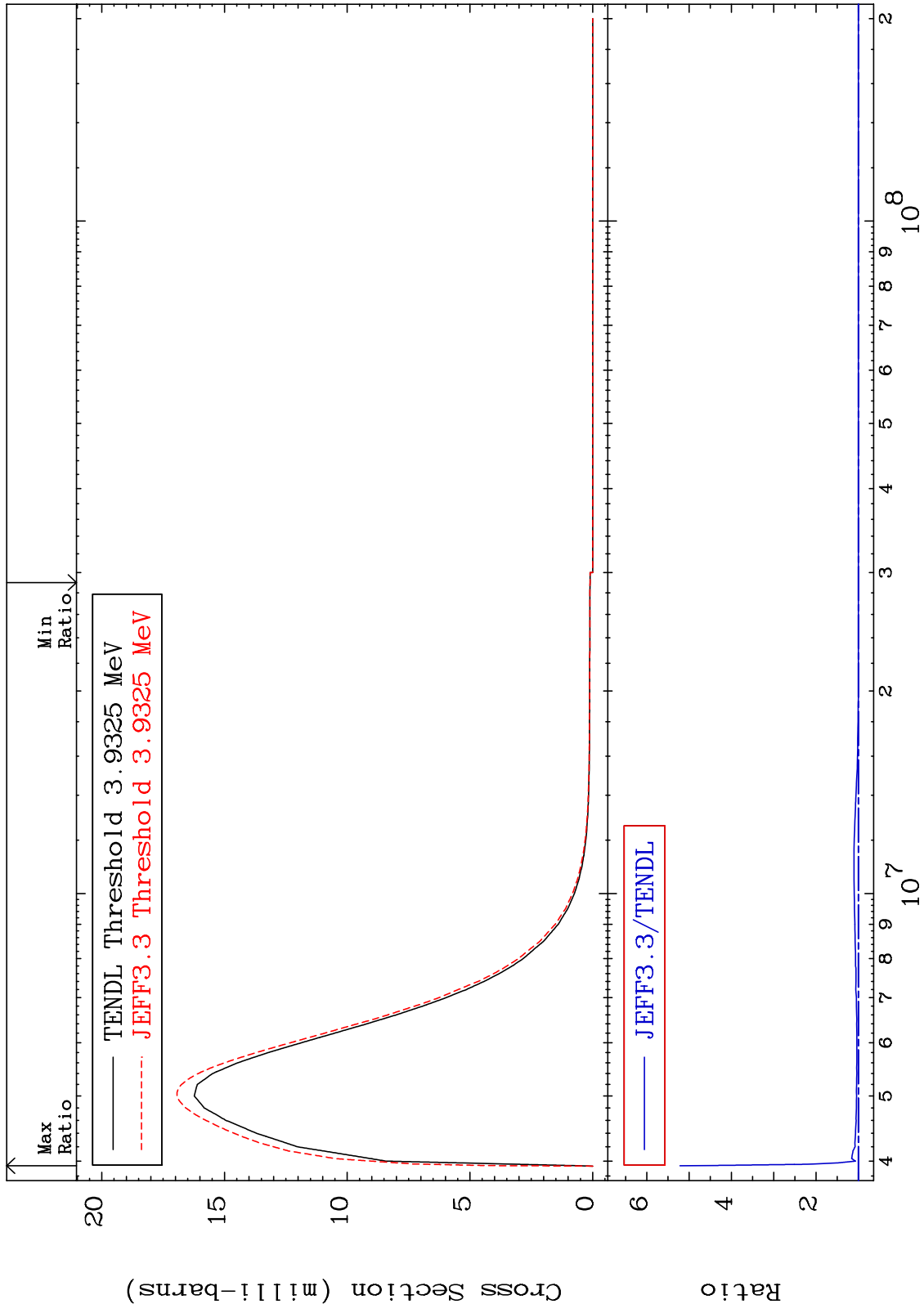
MAT 2225

MT= 75 (n,n') Level  
Cross Section

22-Ti-46  
-2.252 To 314.4 %



MAT 2225 MT= 76 (n,n') Level Cross Section 22-Ti-46  
0.000 To 421.5 %

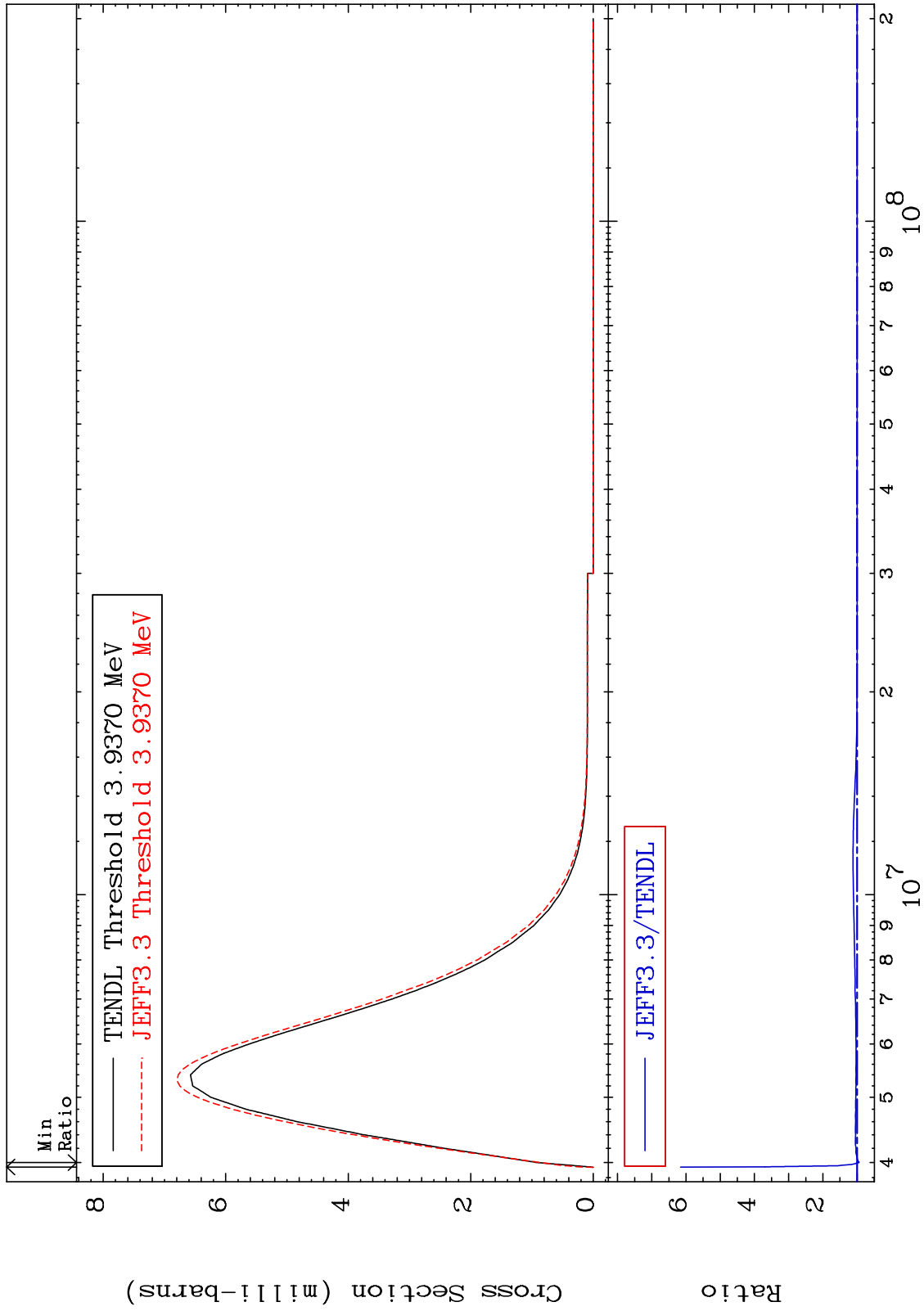


42 22-Ti-46

MAT 2225

MT= 77 (n,n') Level  
Cross Section

22-Ti-46  
-6.037 To 515.7 %



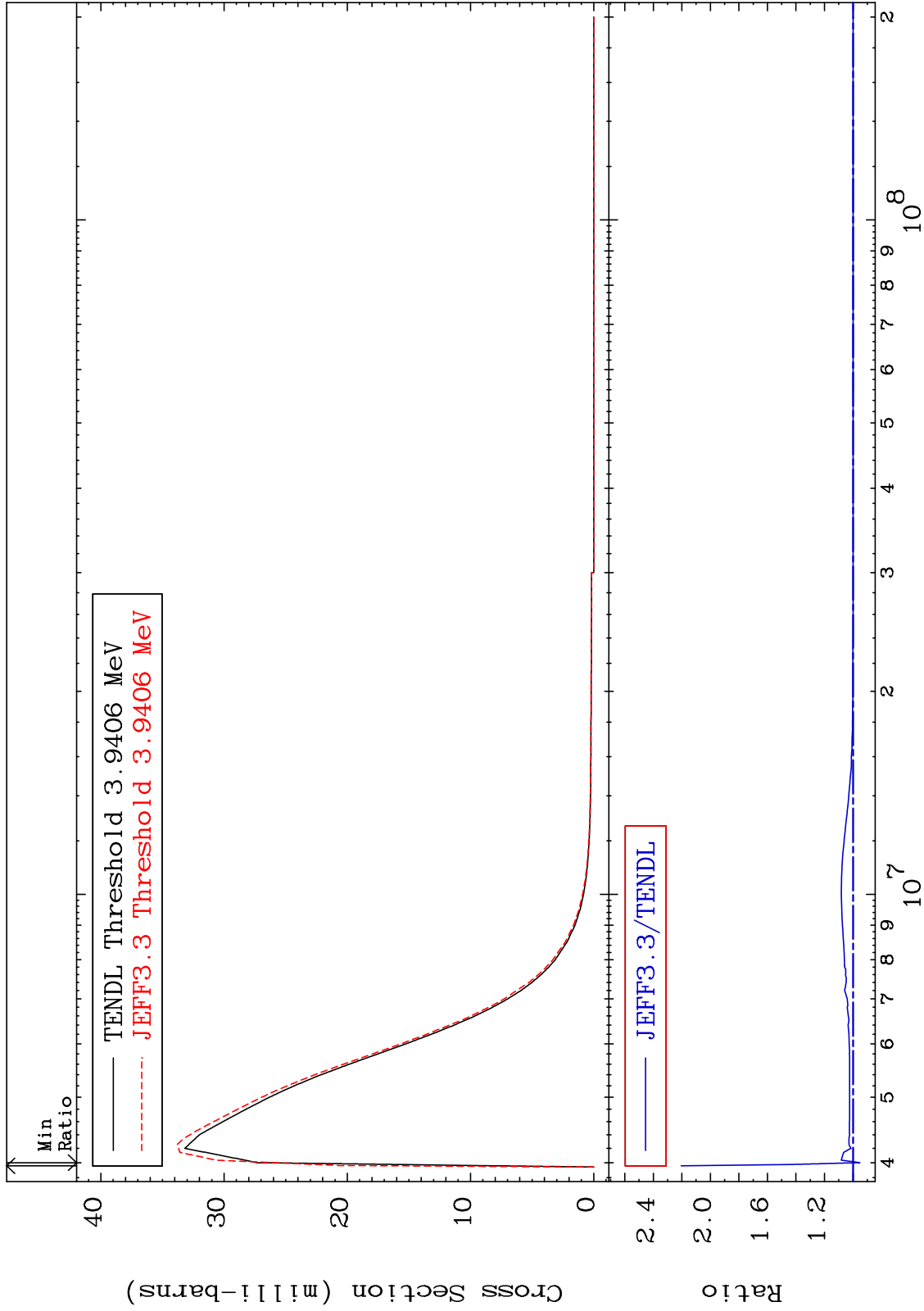
43

22-Ti-46

MAT 2225

MT= 78 (n,n') Level  
Cross Section

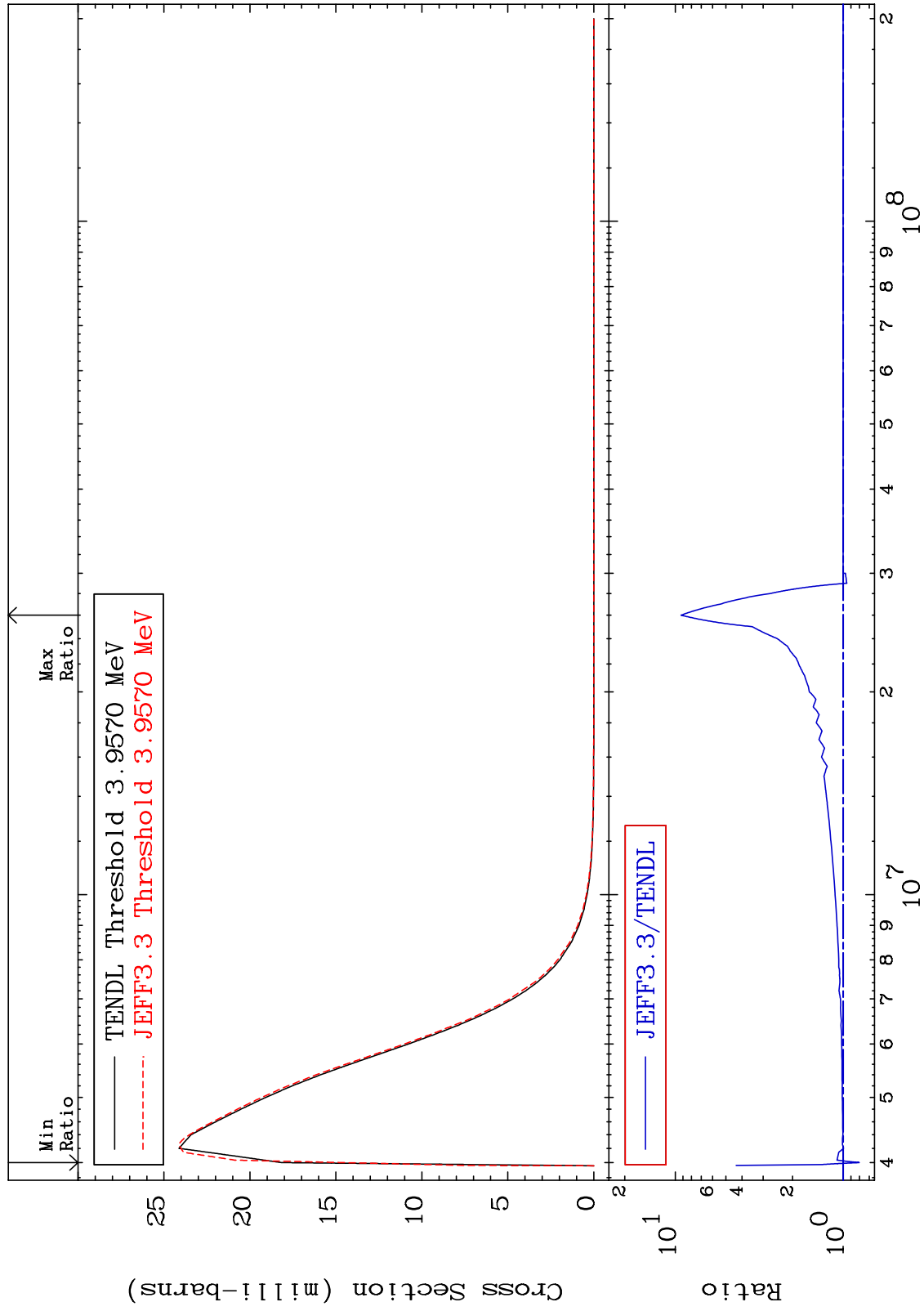
22-Ti-46  
-4.836 To 120.4 %



MAT 2225

MT= 79 (n,n') Level  
Cross Section

22-Ti-46  
-19.77 To 823.4 %

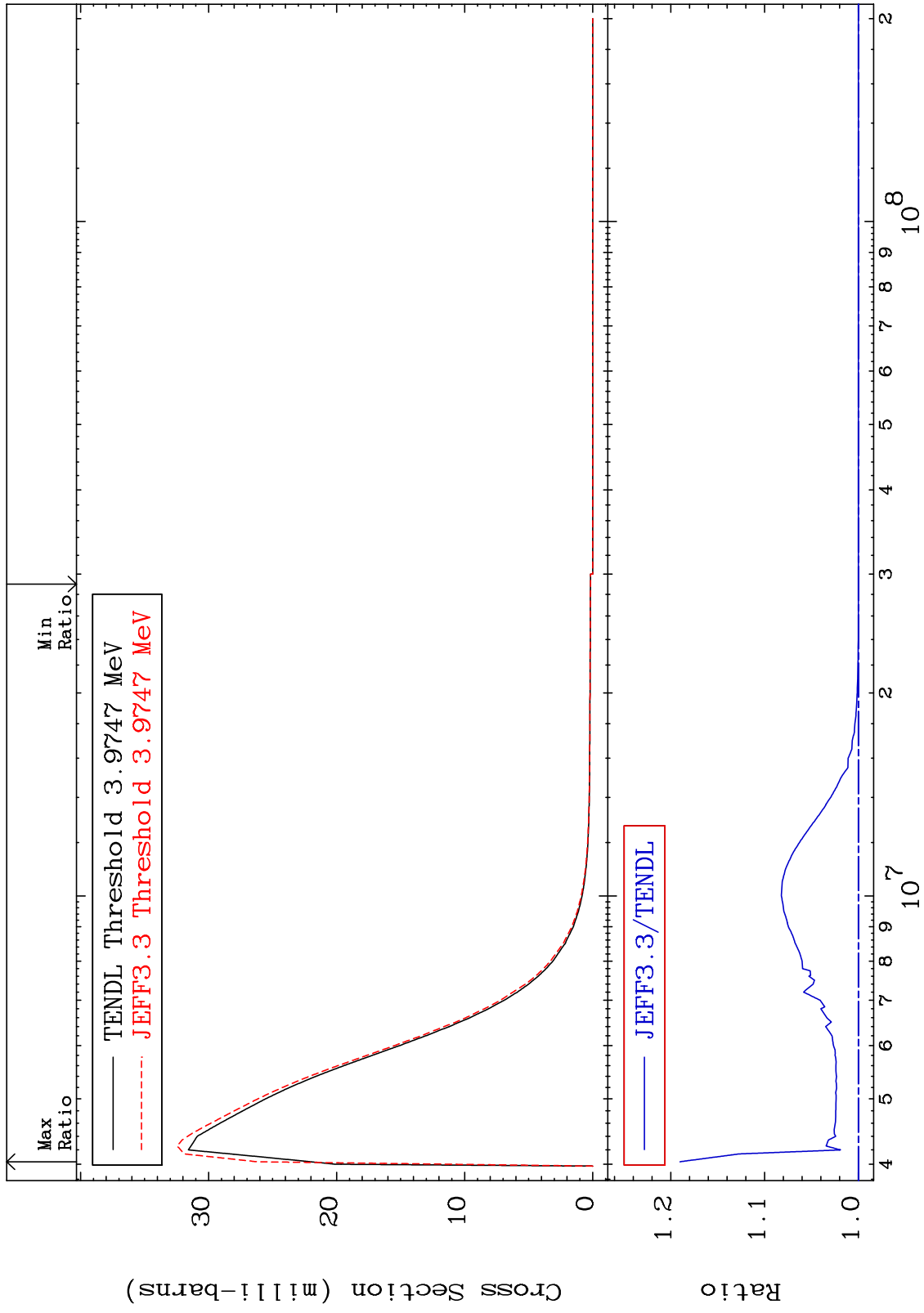


45

Incident Energy (eV)

22-Ti-46

MAT 2225 MT= 80 (n,n') Level Cross Section 22-Ti-46  
0.000 To 19.02 %

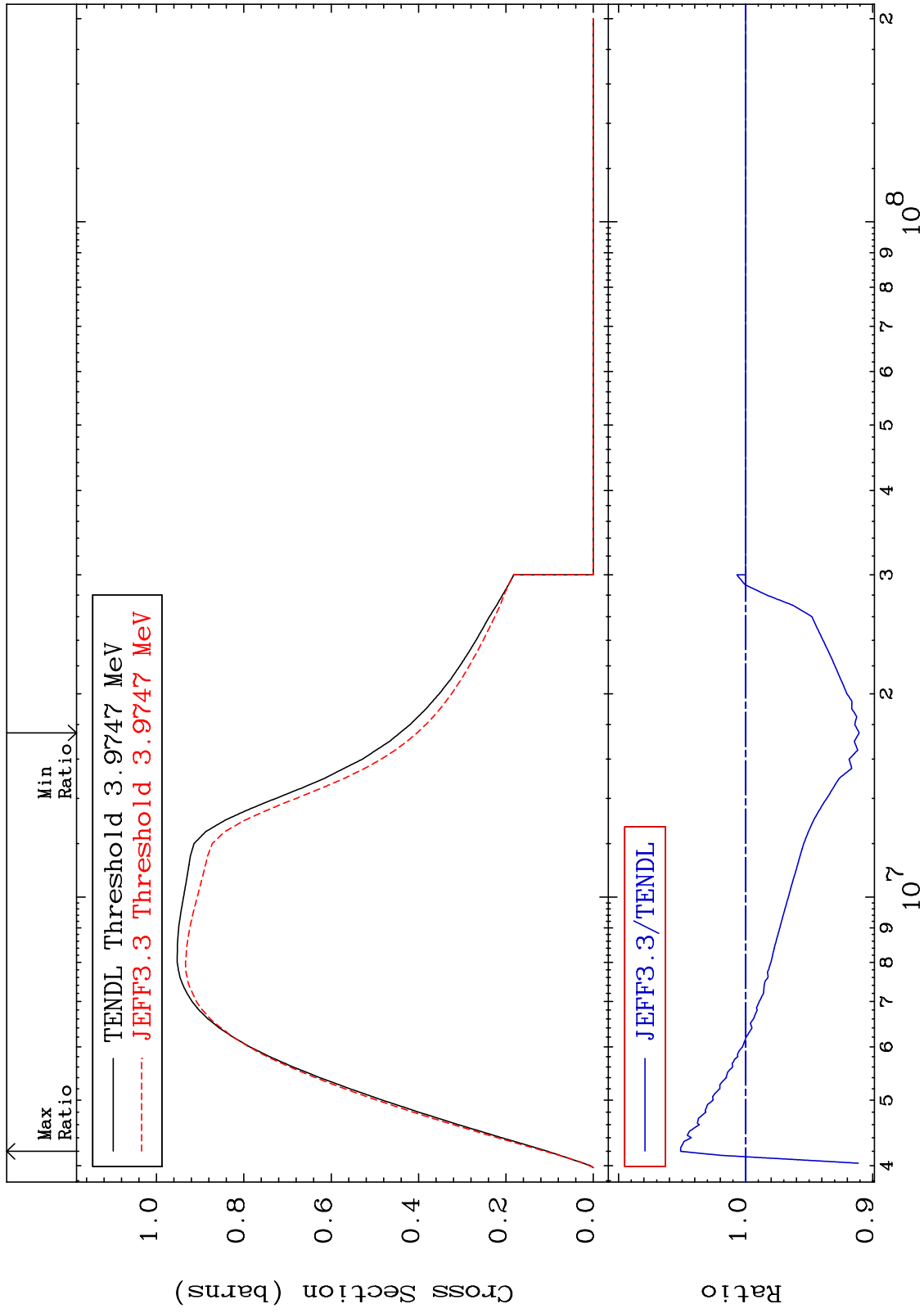


46 22-Ti-46

MAT 2225

(n,n') Continuum  
Cross Section

22-Ti-46  
-8.935 To 5.116 %



47

Incident Energy (eV)

22-Ti-46



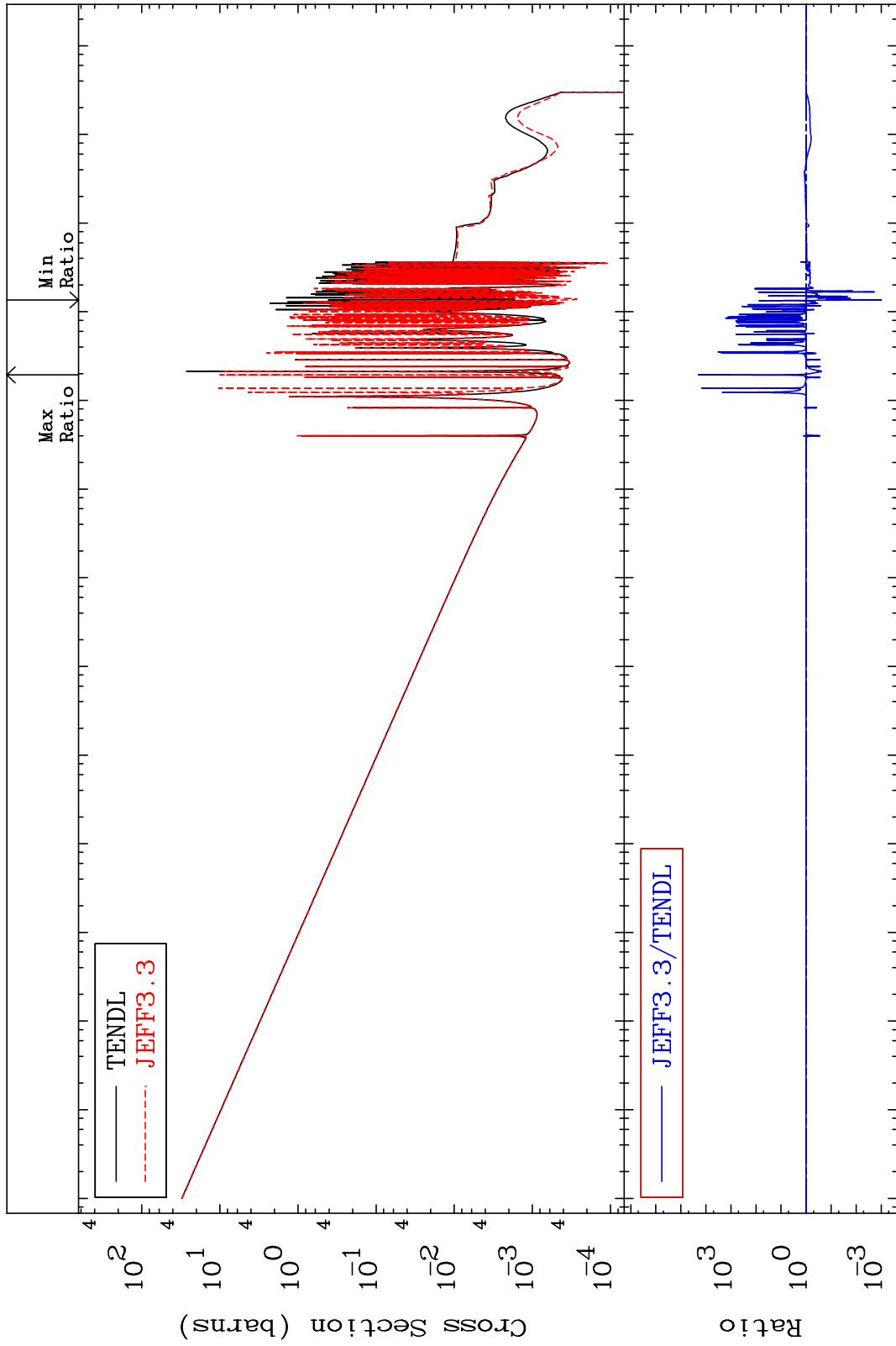
MAT 2225

(n,  $\gamma$ )

22-Ti-46

Cross Section

-99.90 To 9999. %



Incident Energy (eV)

22-Ti-46

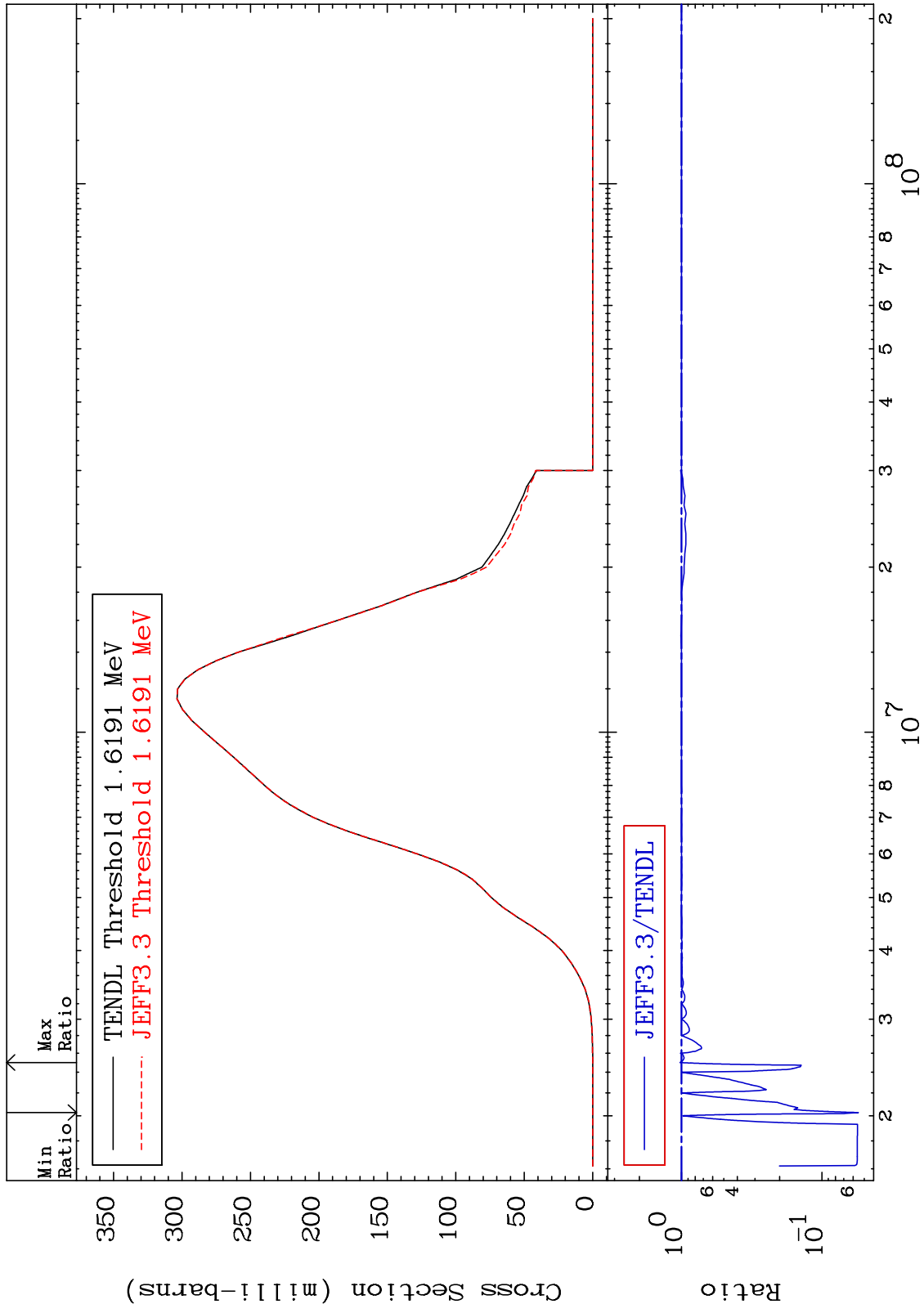
MAT 2225

(n, p)

22-Ti-46

Cross Section

-94.50 To 2.542 %



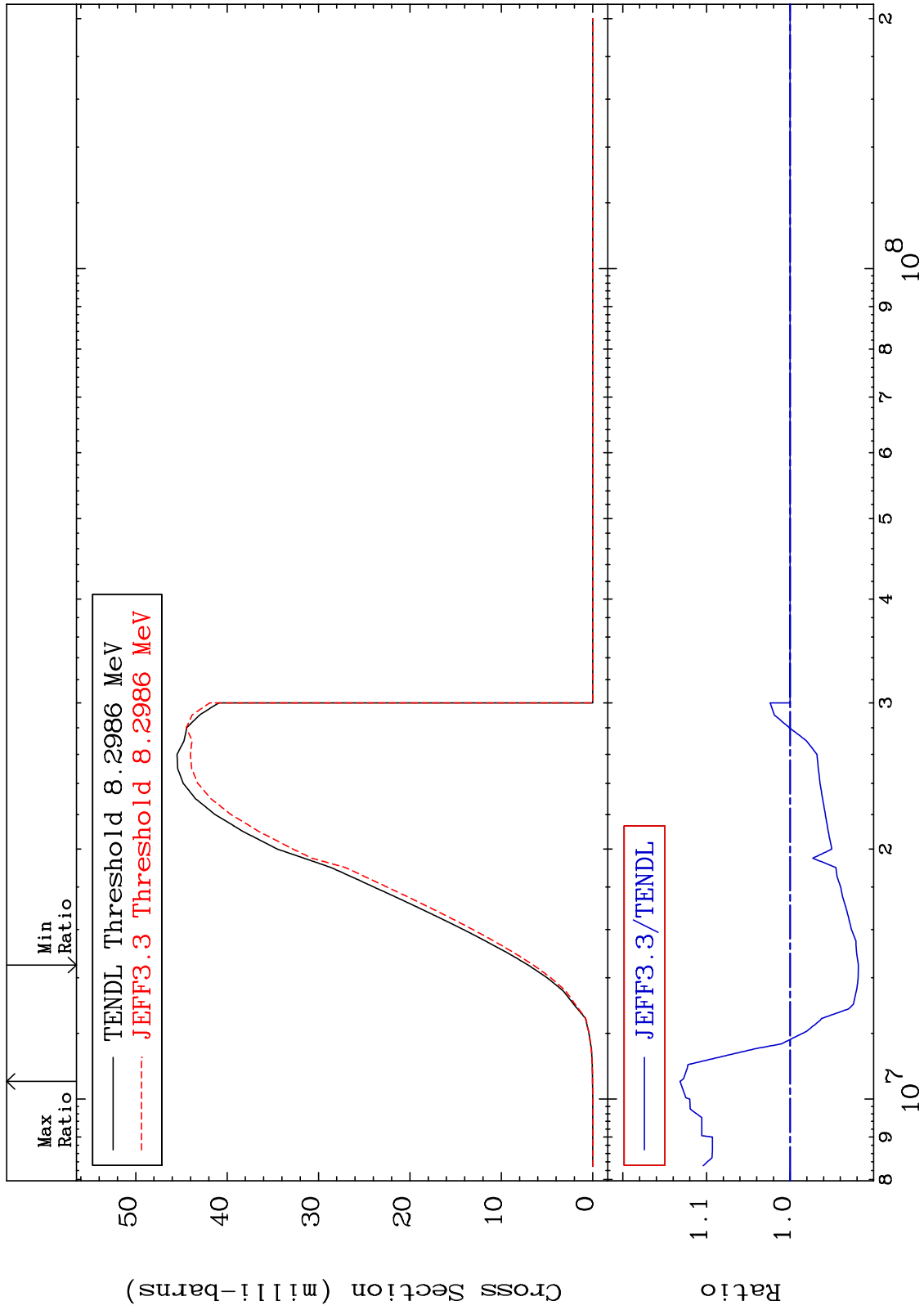
MAT 2225

(n,d)

22-Ti-46

Cross Section

-8.158 To 13.17 %



50

Incident Energy (eV)

22-Ti-46

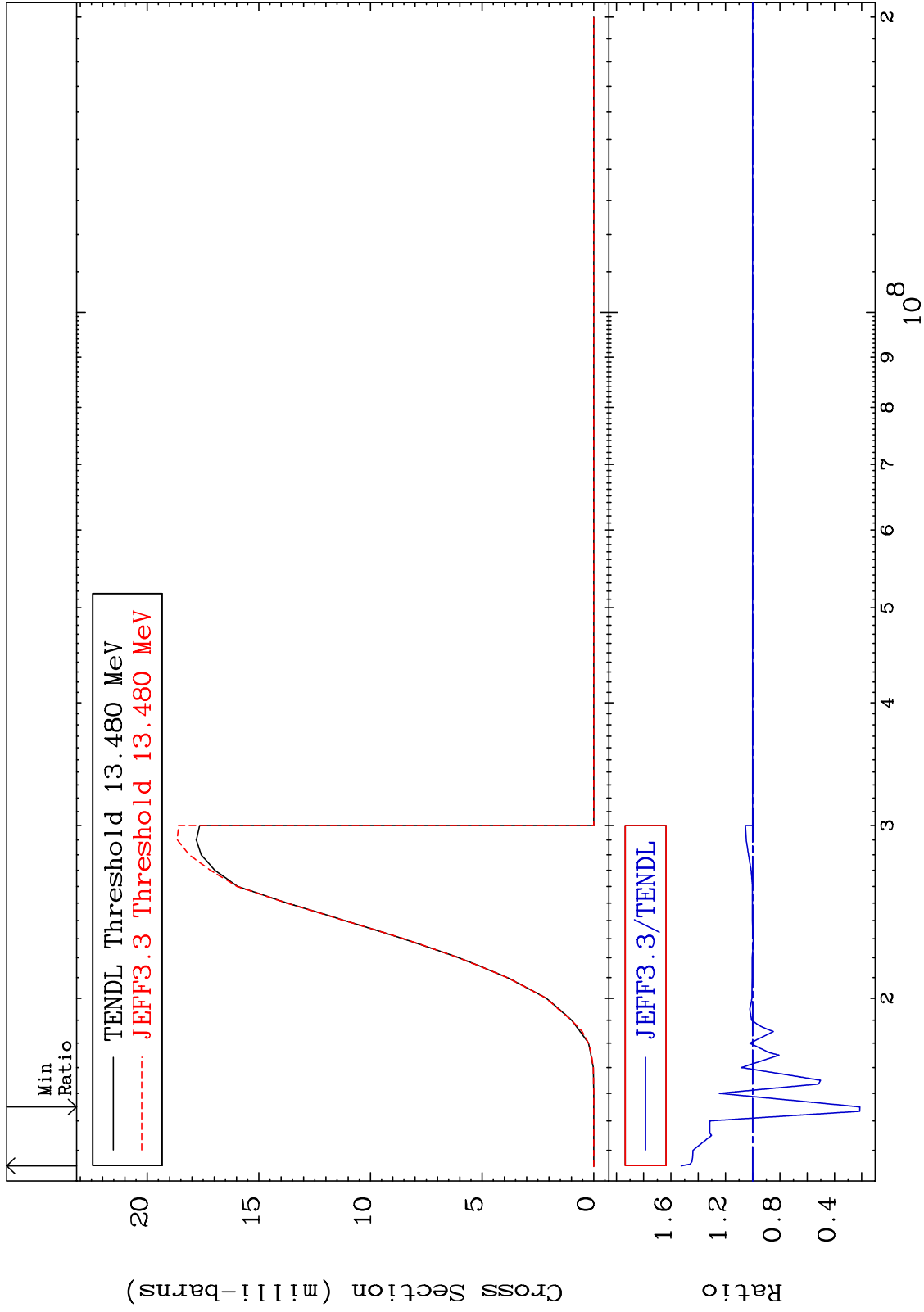
MAT 2225

(n, t)

22-Ti-46

Cross Section

-78.70 To 52.44 %



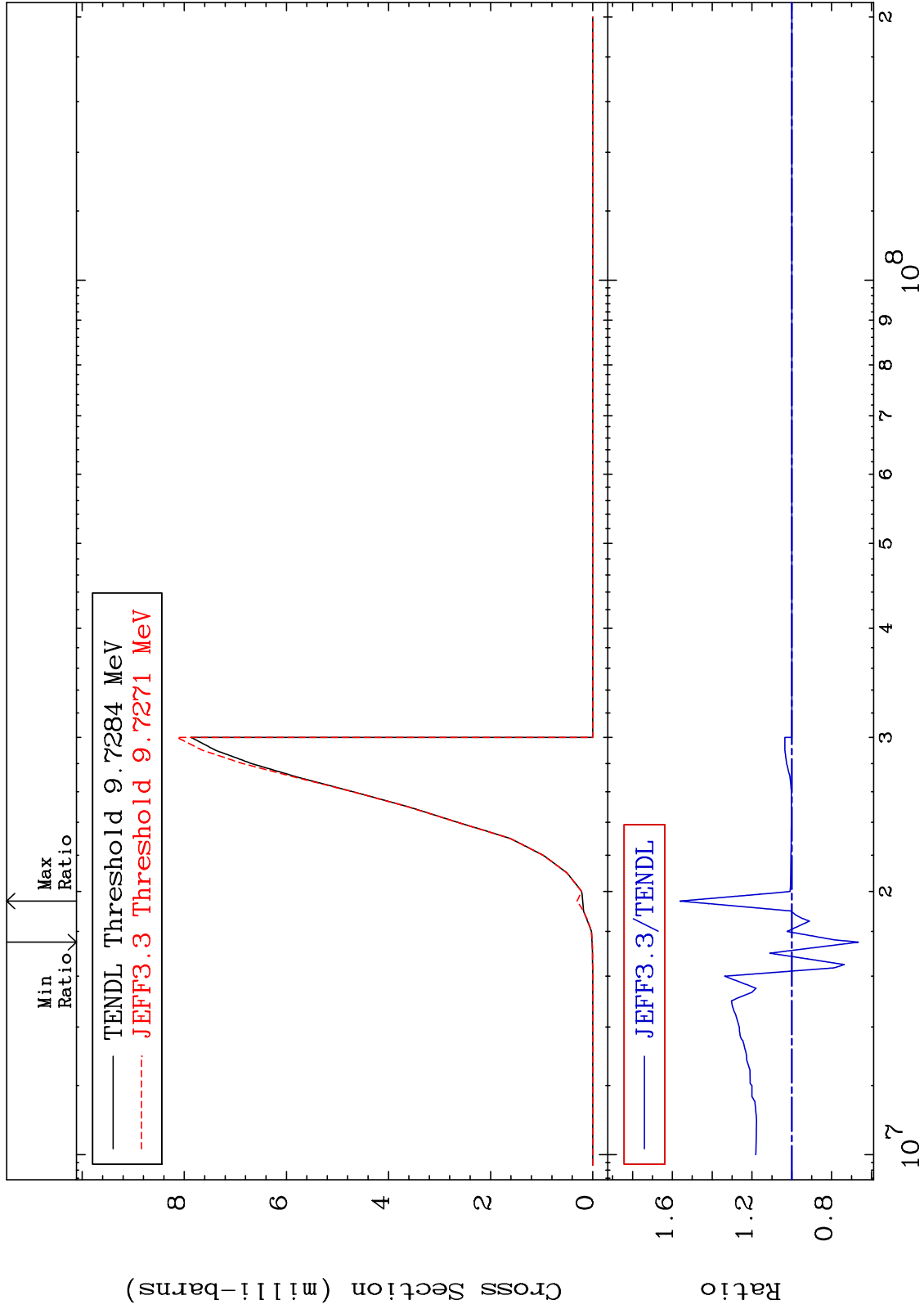
MAT 2225

(n, He-3)

22-Ti-46

Cross Section

-33.45 To 56.14 %



52

Incident Energy (eV)

22-Ti-46

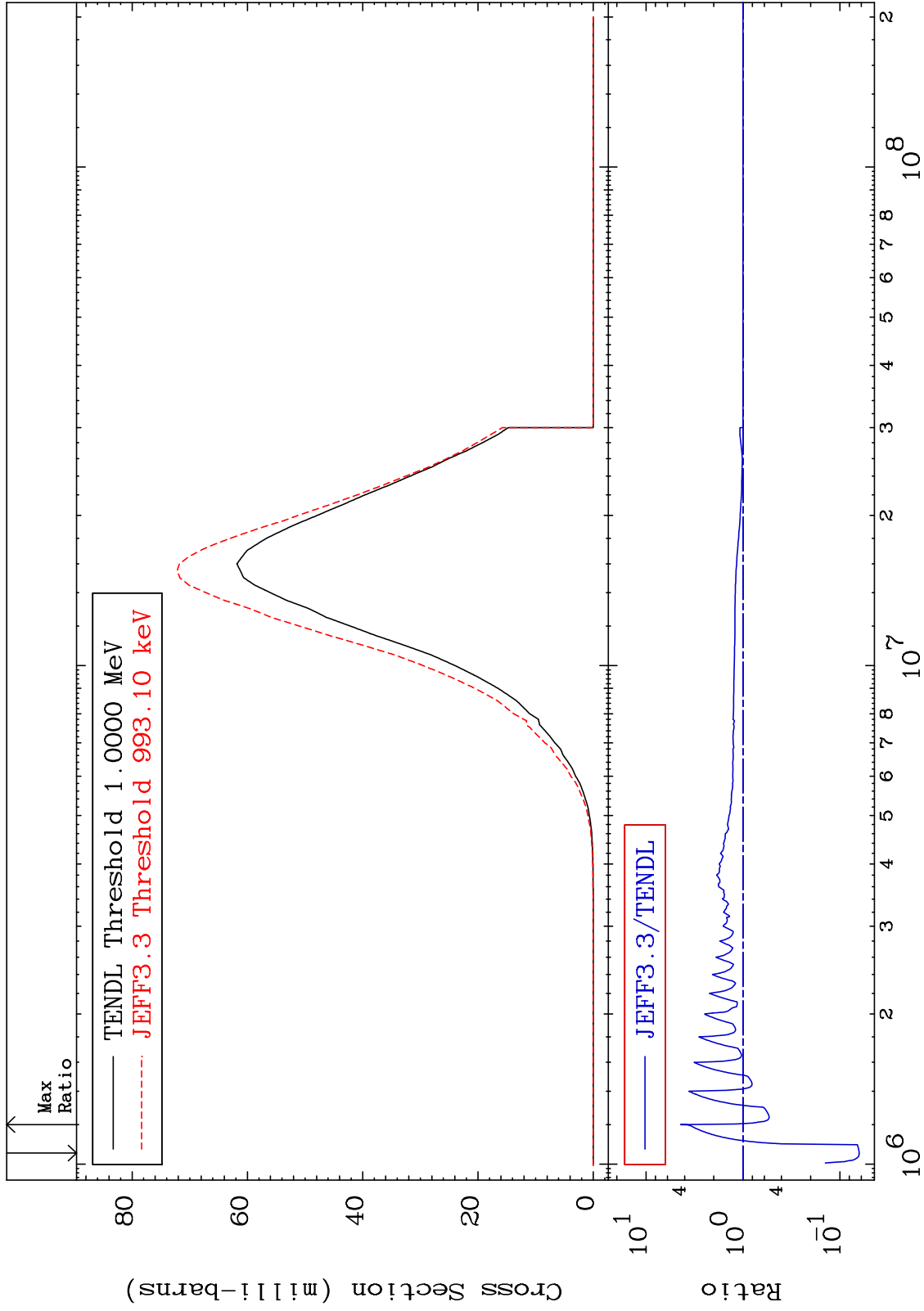
MAT 2225

(n,  $\alpha$ )

22-Ti-46

Cross Section

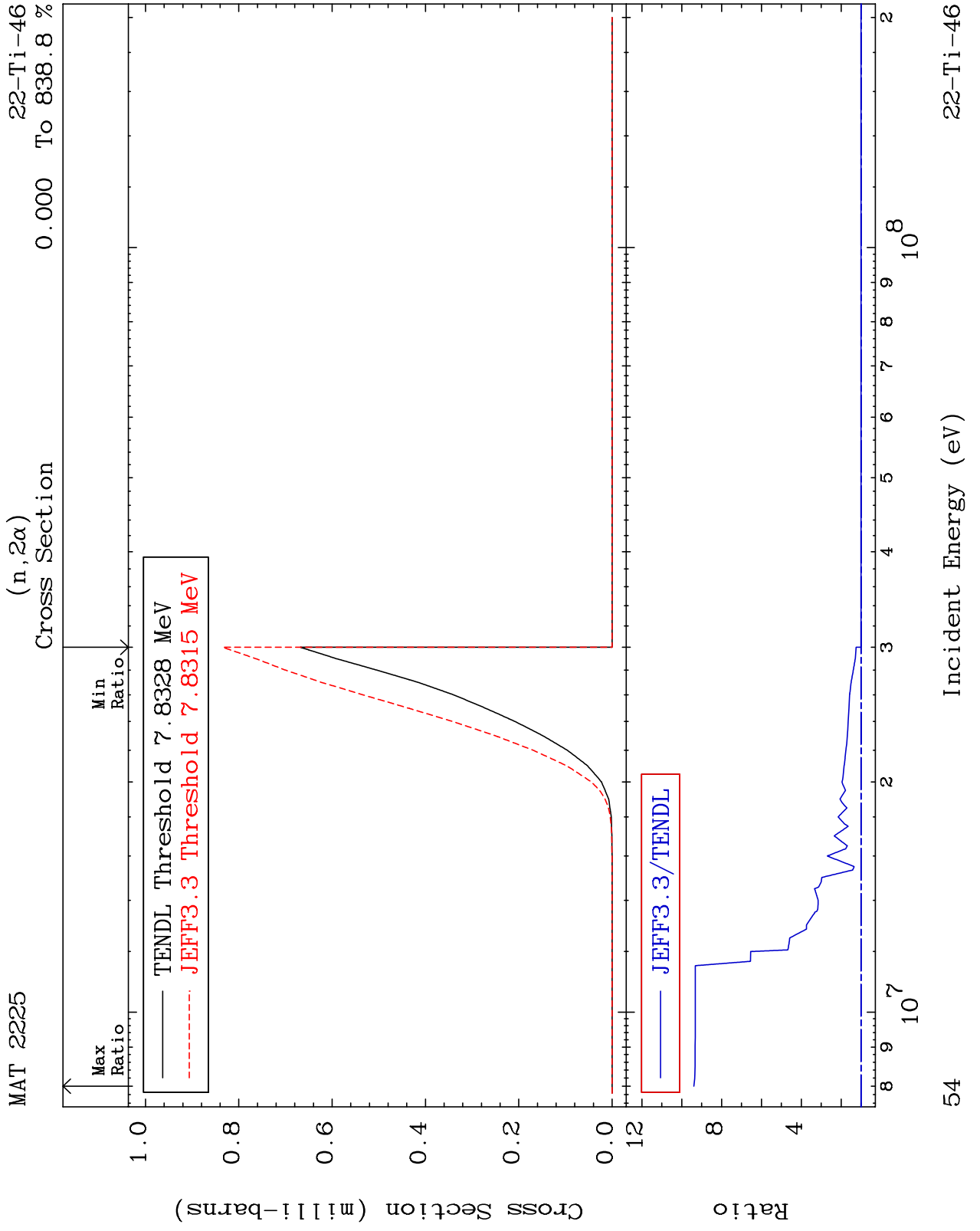
-93.69 To 339.6 %



53

Incident Energy (eV)

22-Ti-46



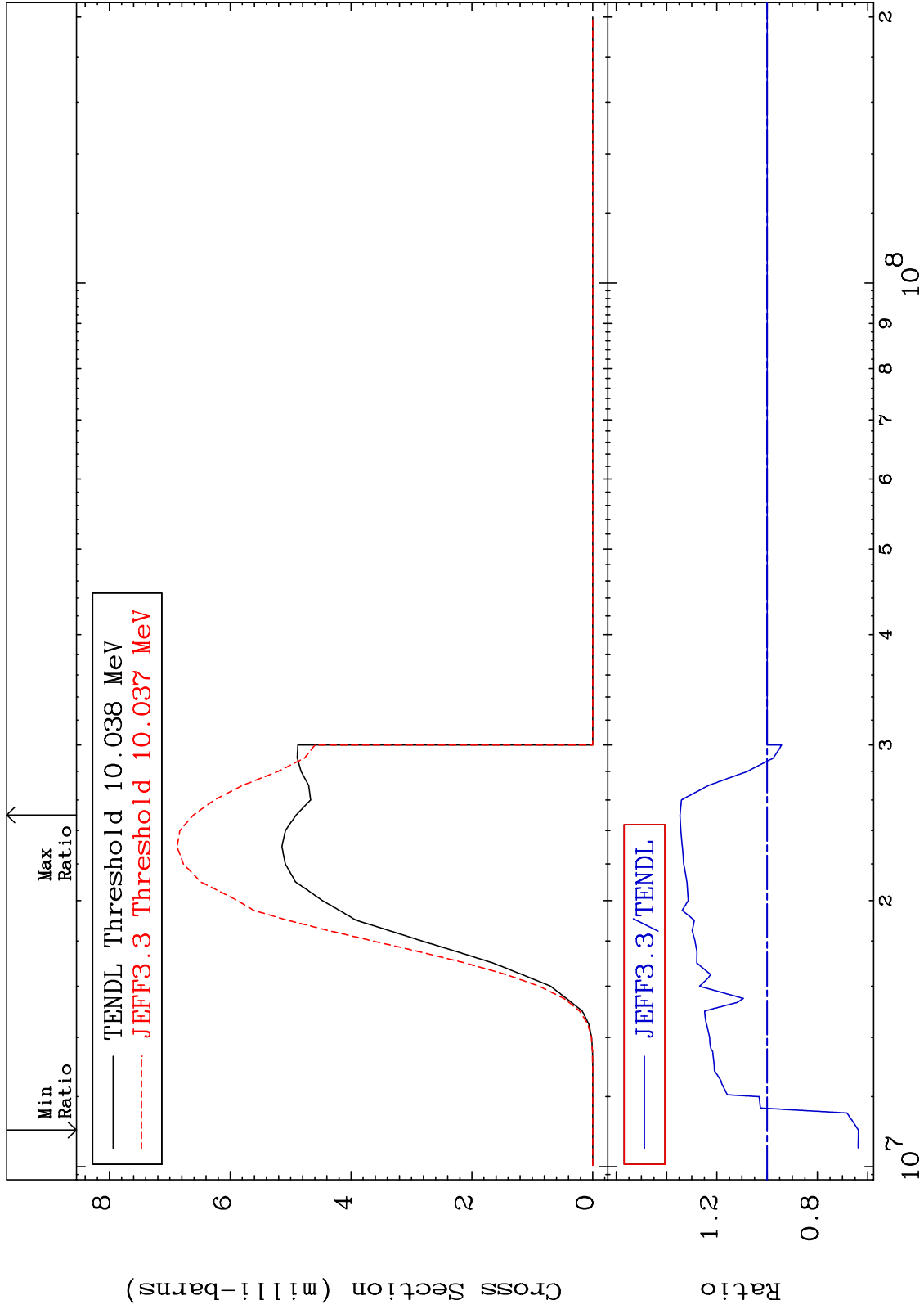
MAT 2225

(n,2p)

22-Ti-46

Cross Section

-36.32 To 34.65 %



55

Incident Energy (eV)

22-Ti-46



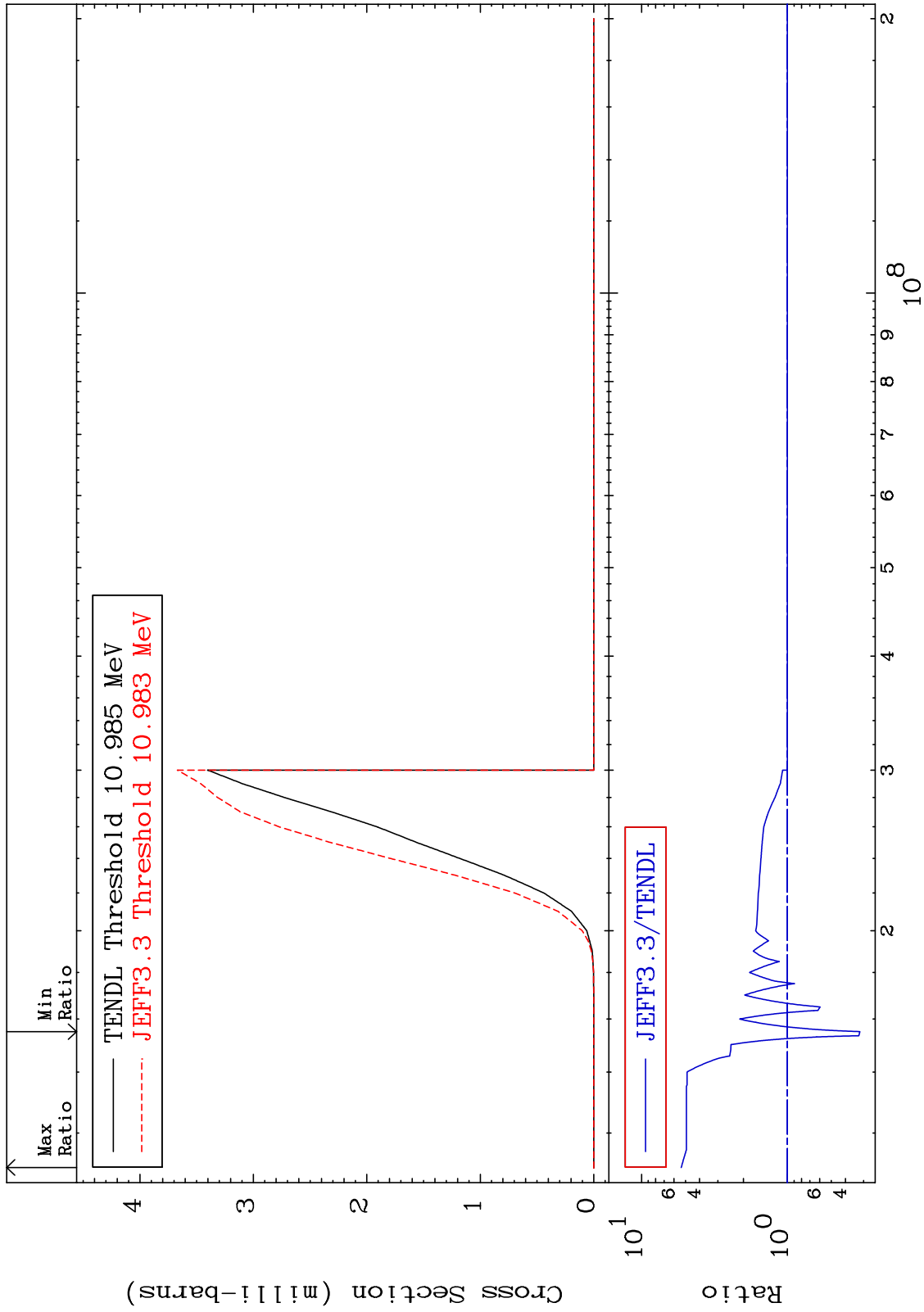
MAT 2225

(n,p)  $\alpha$

22-Ti-46

Cross Section

-68.22 To 434.5 %



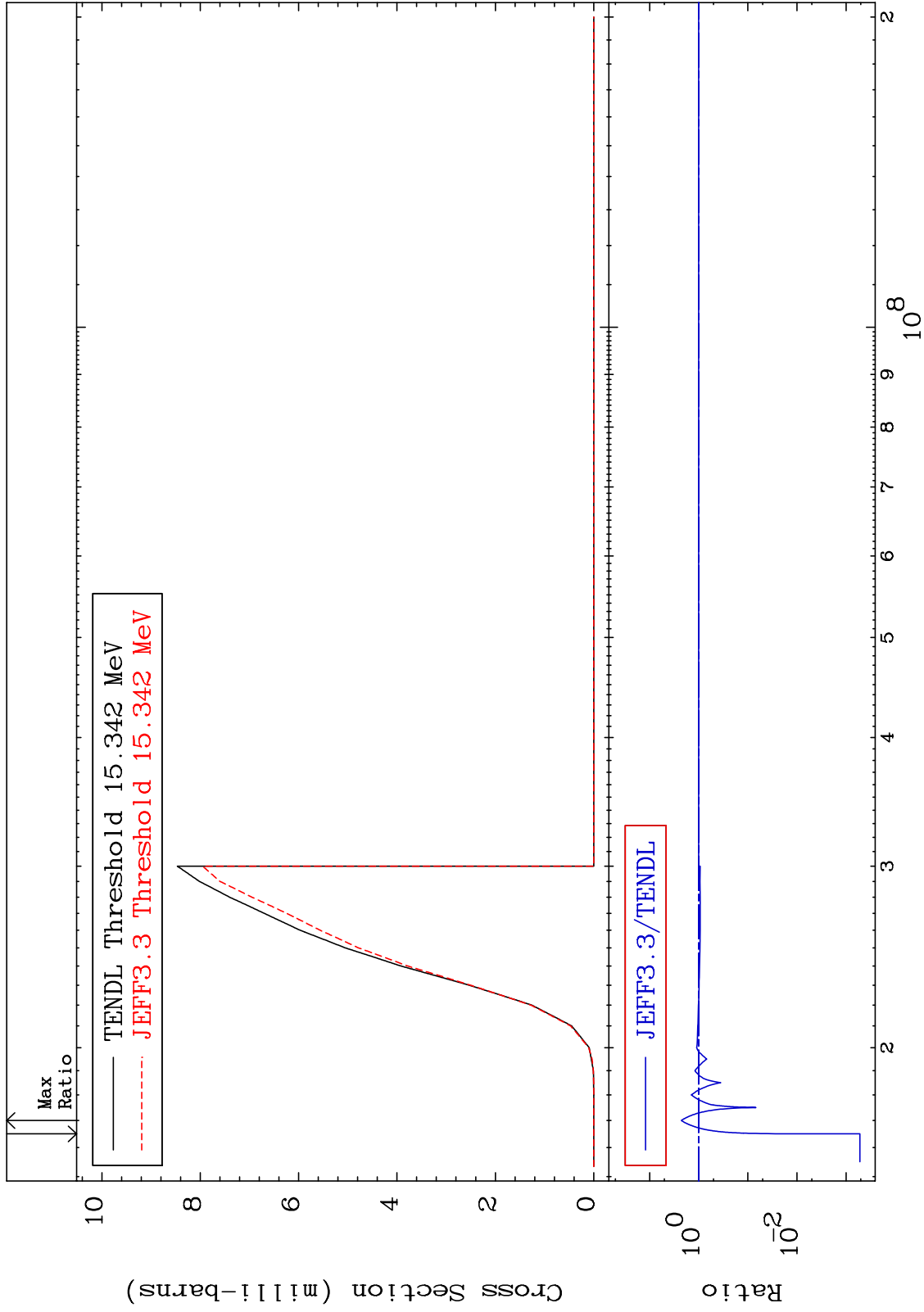
MAT 2225

(n,p) d

22-Ti-46

Cross Section

-99.95 To 127.3 %



57

Incident Energy (eV)

22-Ti-46

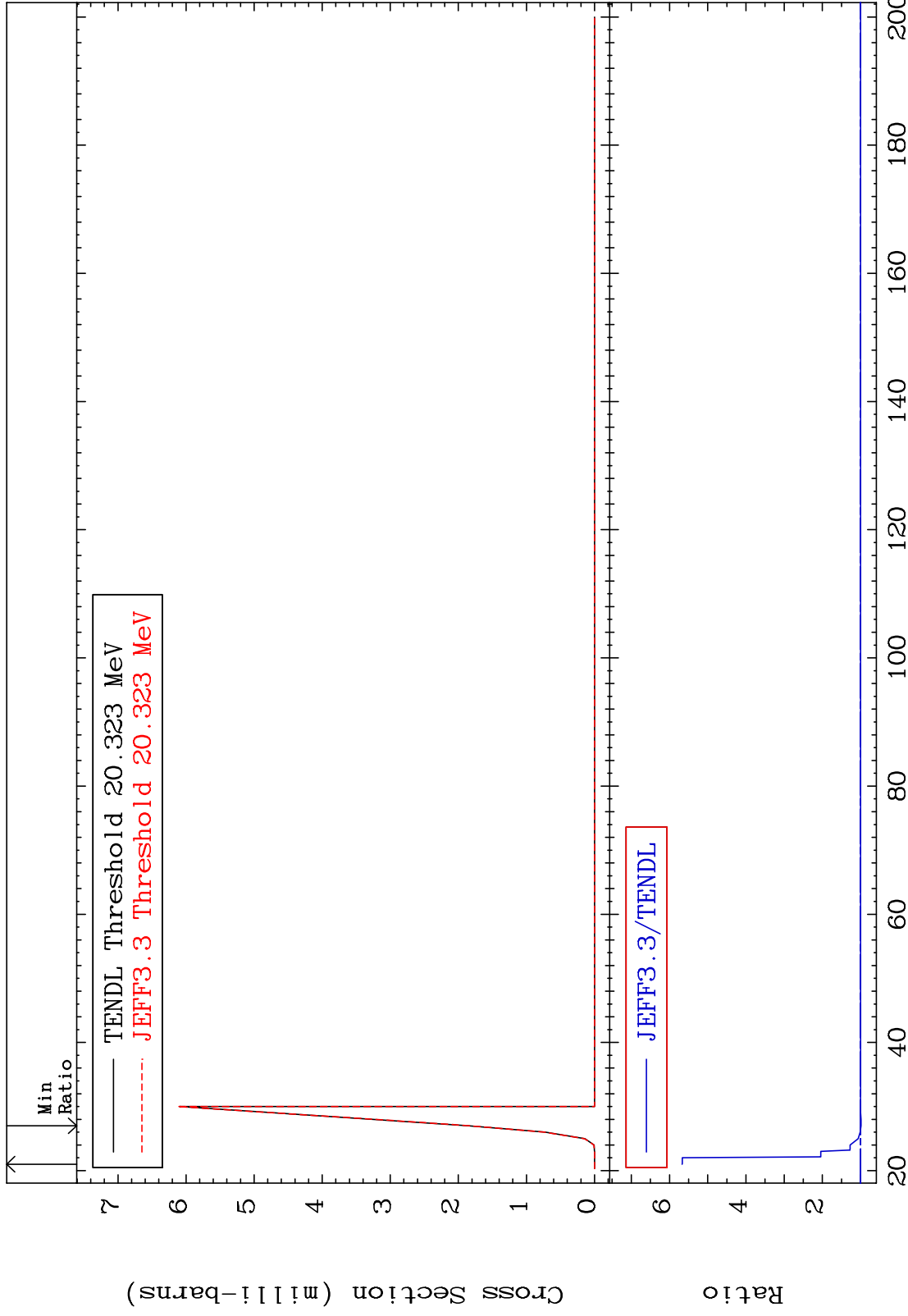
MAT 2225

(n,p) t

22-Ti-46

Cross Section

-1.170 To 466.9 %



58

22-Ti-46

22-Ti-46

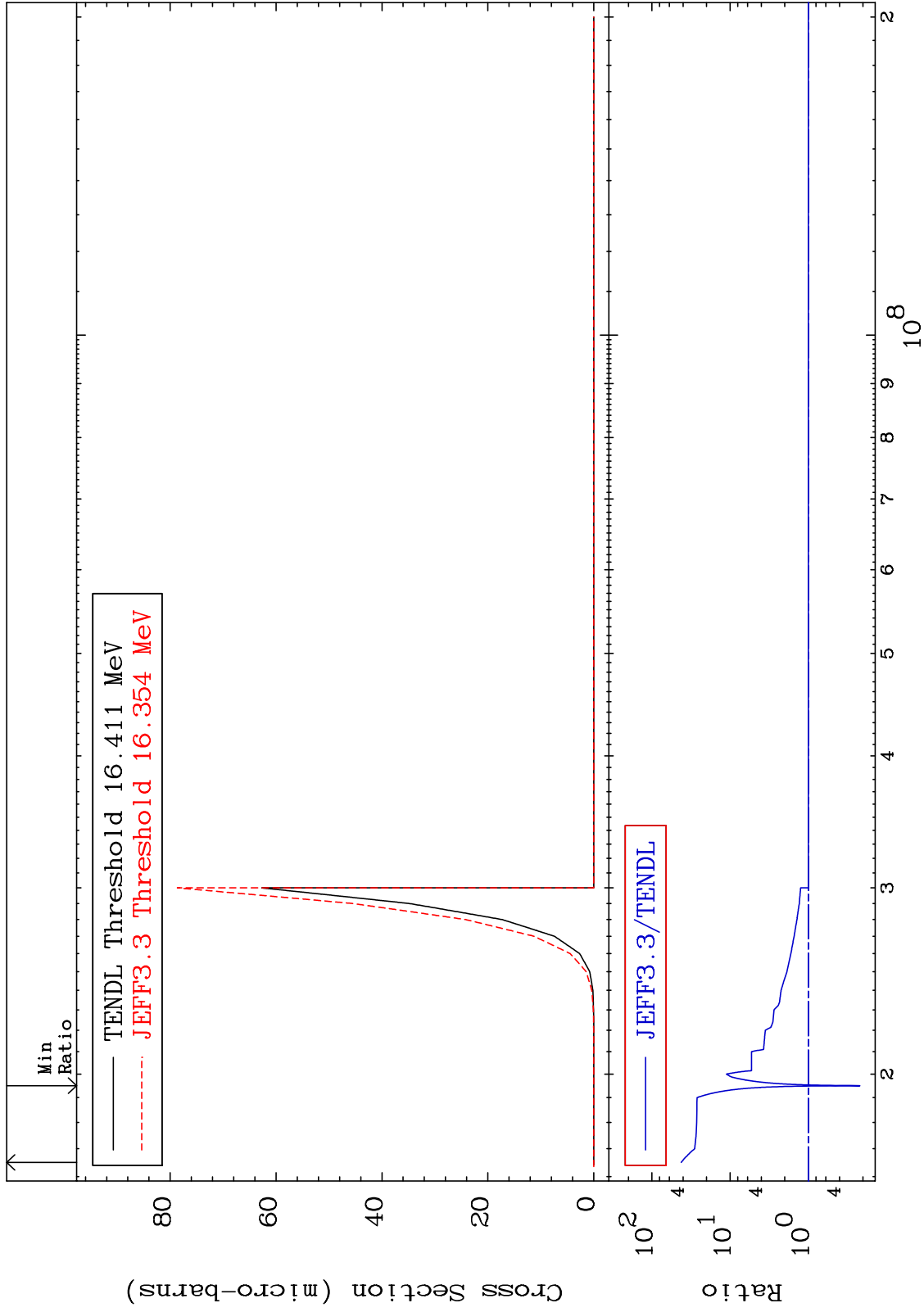
MAT 2225

(n,d)  $\alpha$

22-Ti-46

Cross Section

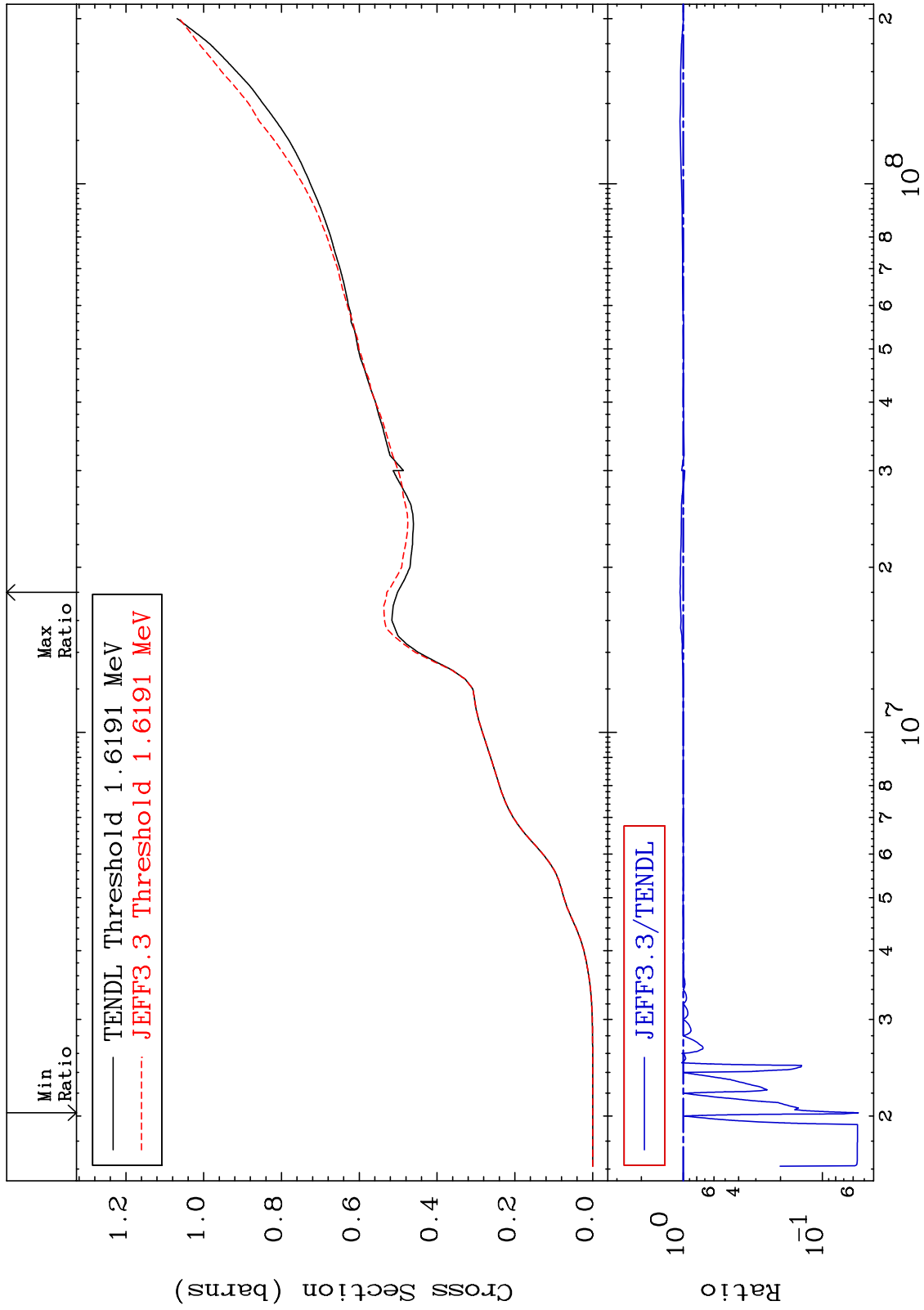
-78.11 To 4122. %



MAT 2225

Hydrogen Production  
Cross Section

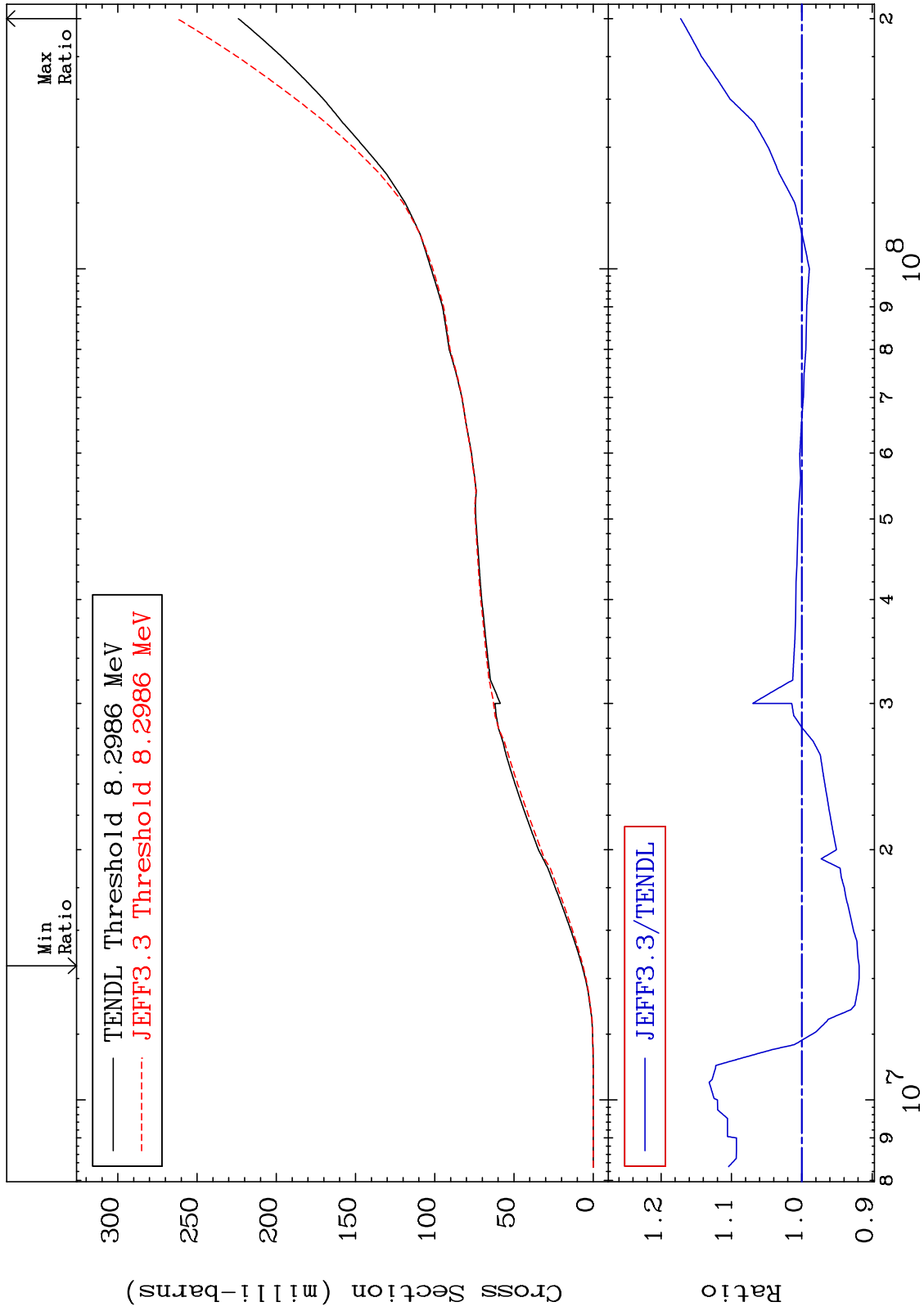
22-Ti-46  
-94.50 To 5.424 %



MAT 2225

Deuterium Production  
Cross Section

22-Ti-46  
-8.158 To 17.23 %



61

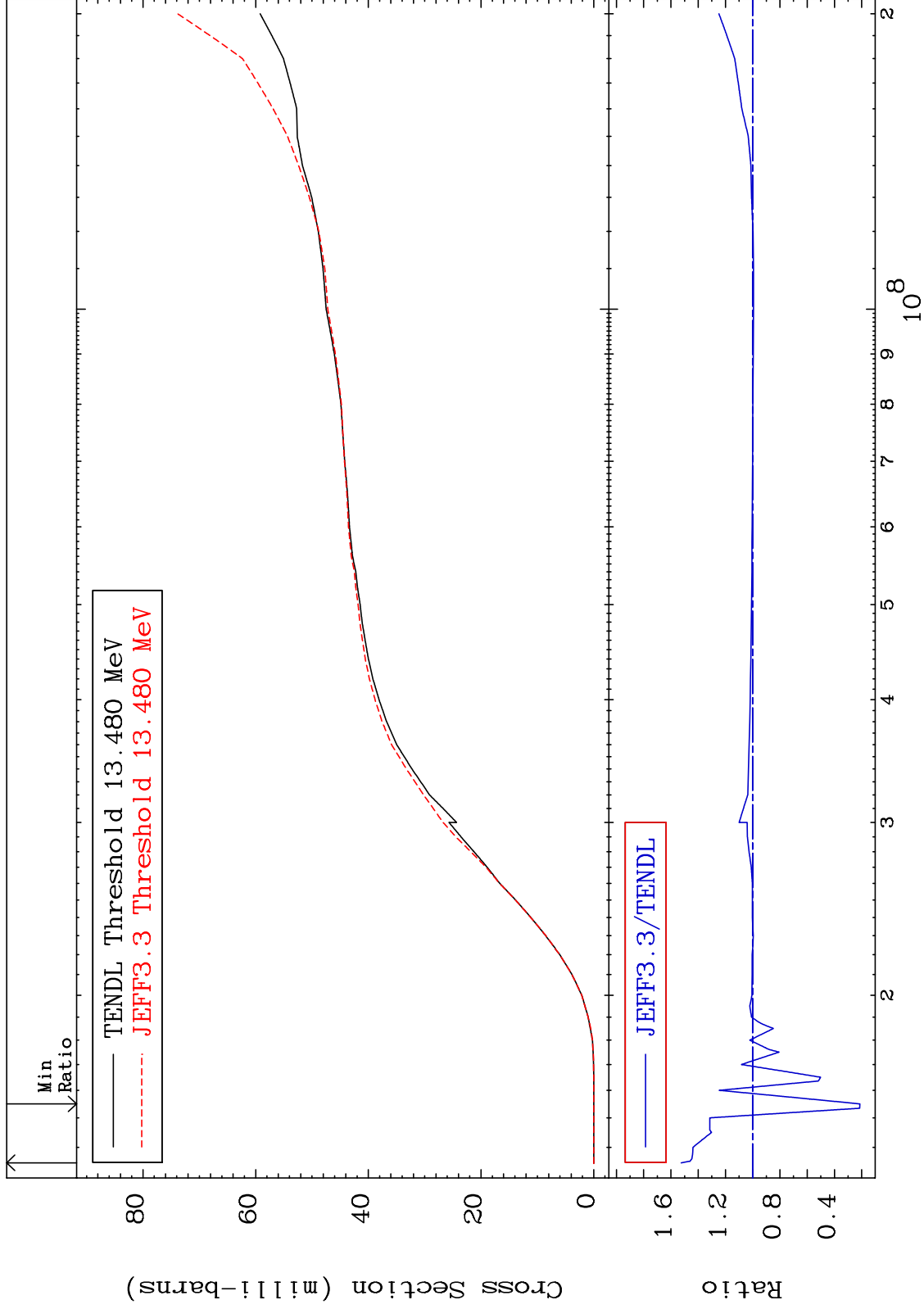
Incident Energy (eV)

22-Ti-46

MAT 2225

Tritium Production  
Cross Section

22-Ti-46  
-78.70 To 52.44 %



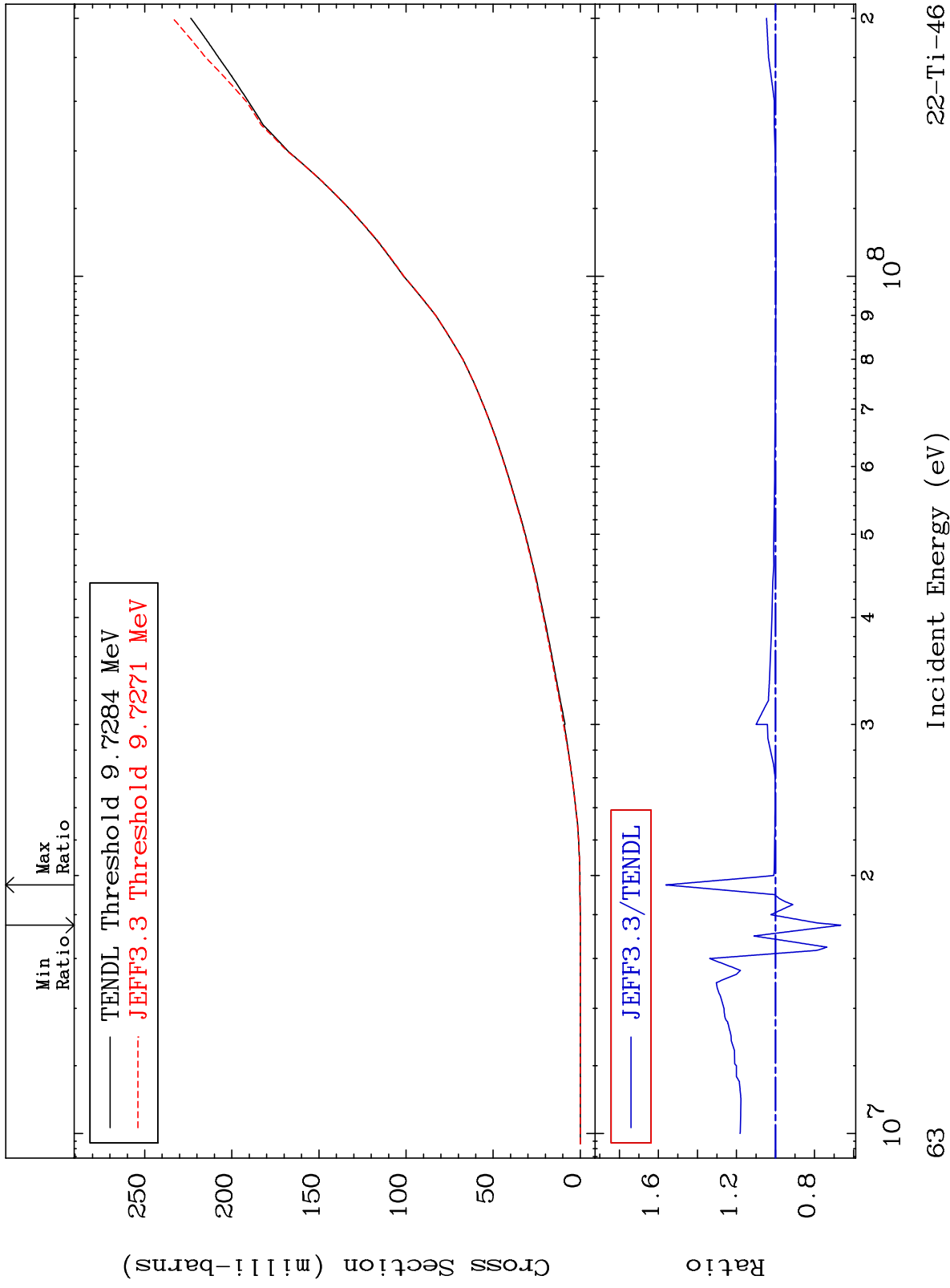
62

22-Ti-46

MAT 2225

He-3 Production  
Cross Section

22-Ti-46  
-33.45 To 56.14 %



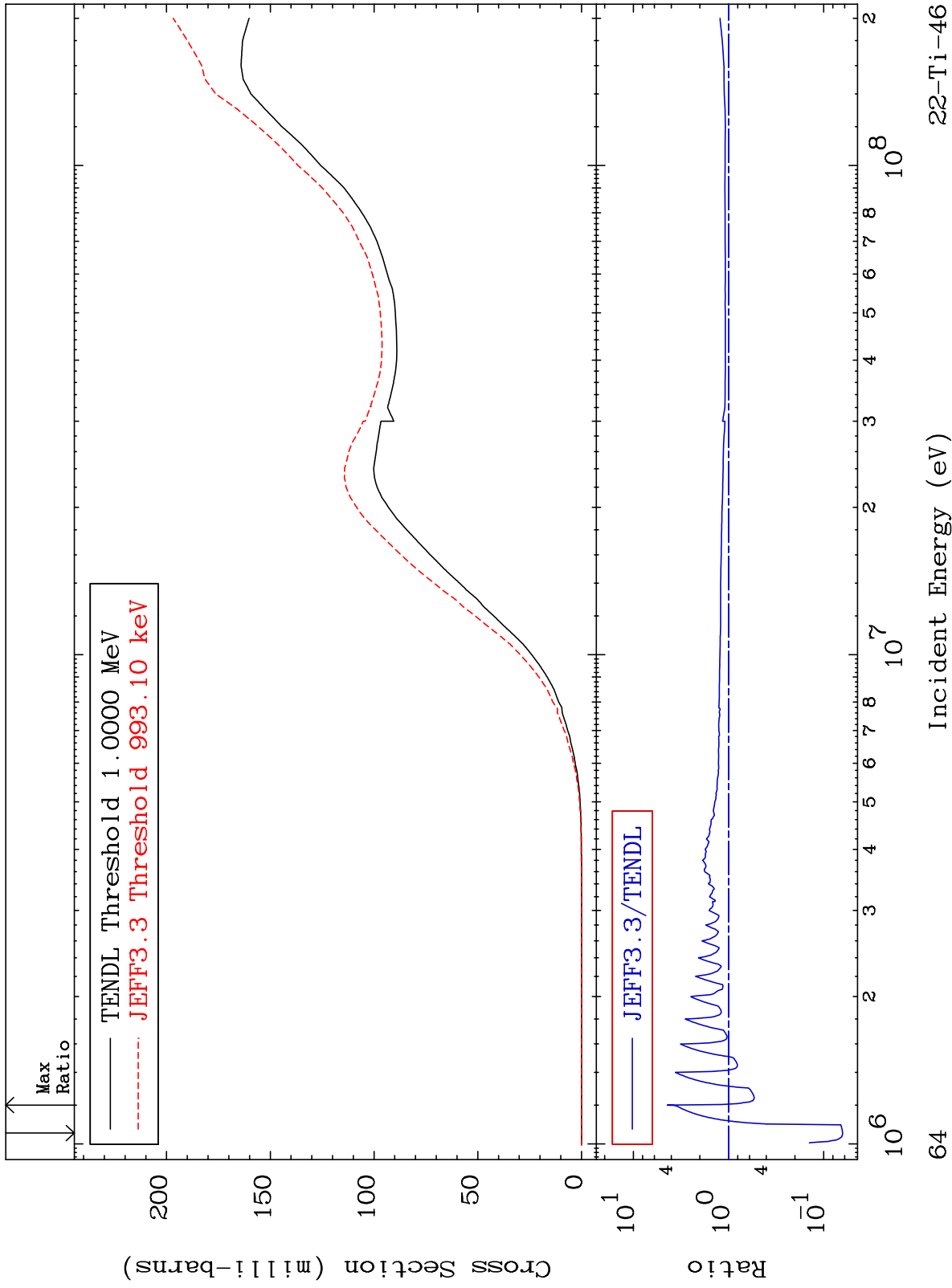
63



MAT 2225

He-4 Production  
Cross Section

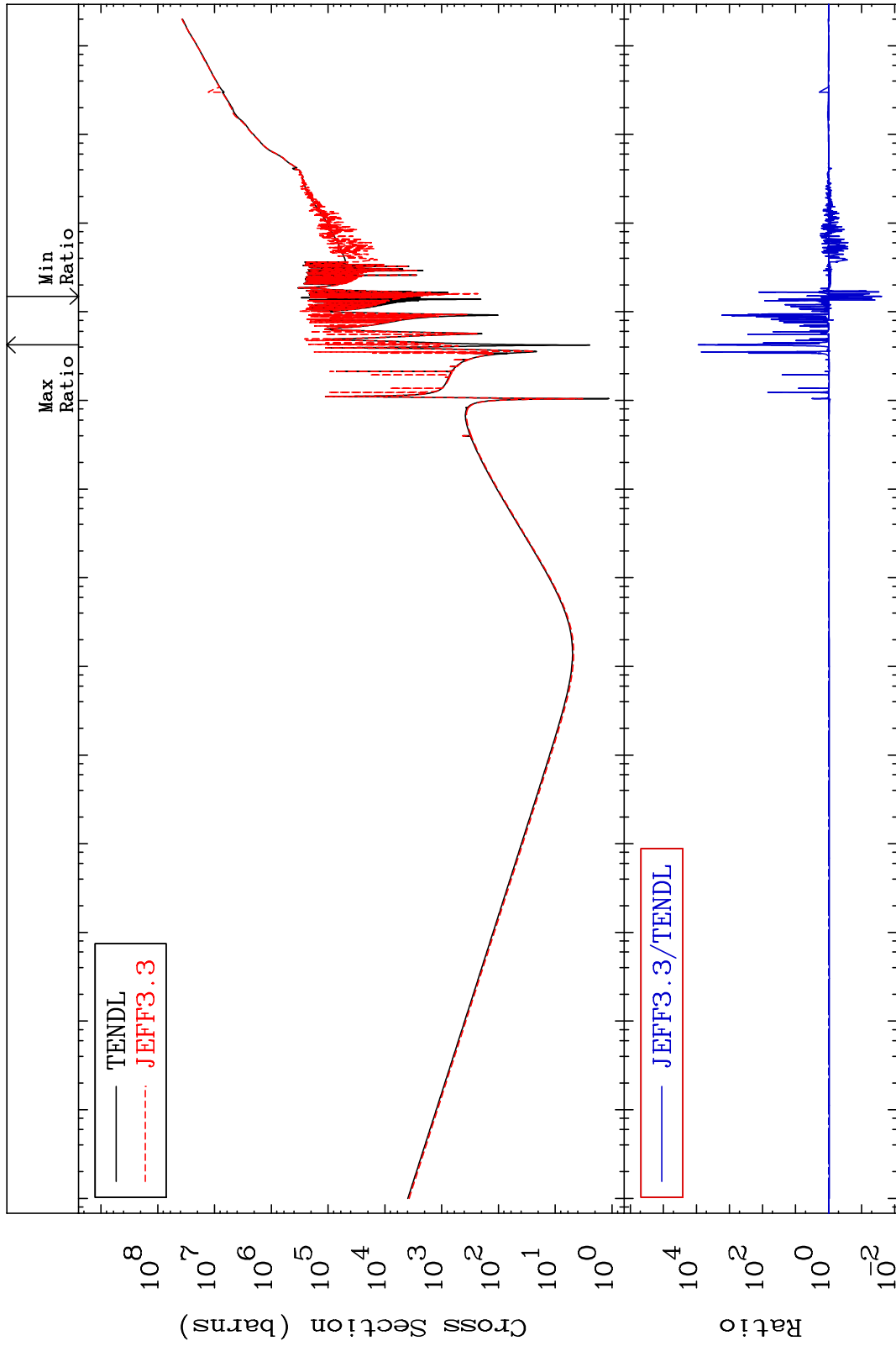
22-Ti-46  
-93.69 To 339.6 %



MAT 2225

Kerma total (eV-barns)  
Cross Section

22-Ti-46  
-97.50 To 9999. %



65

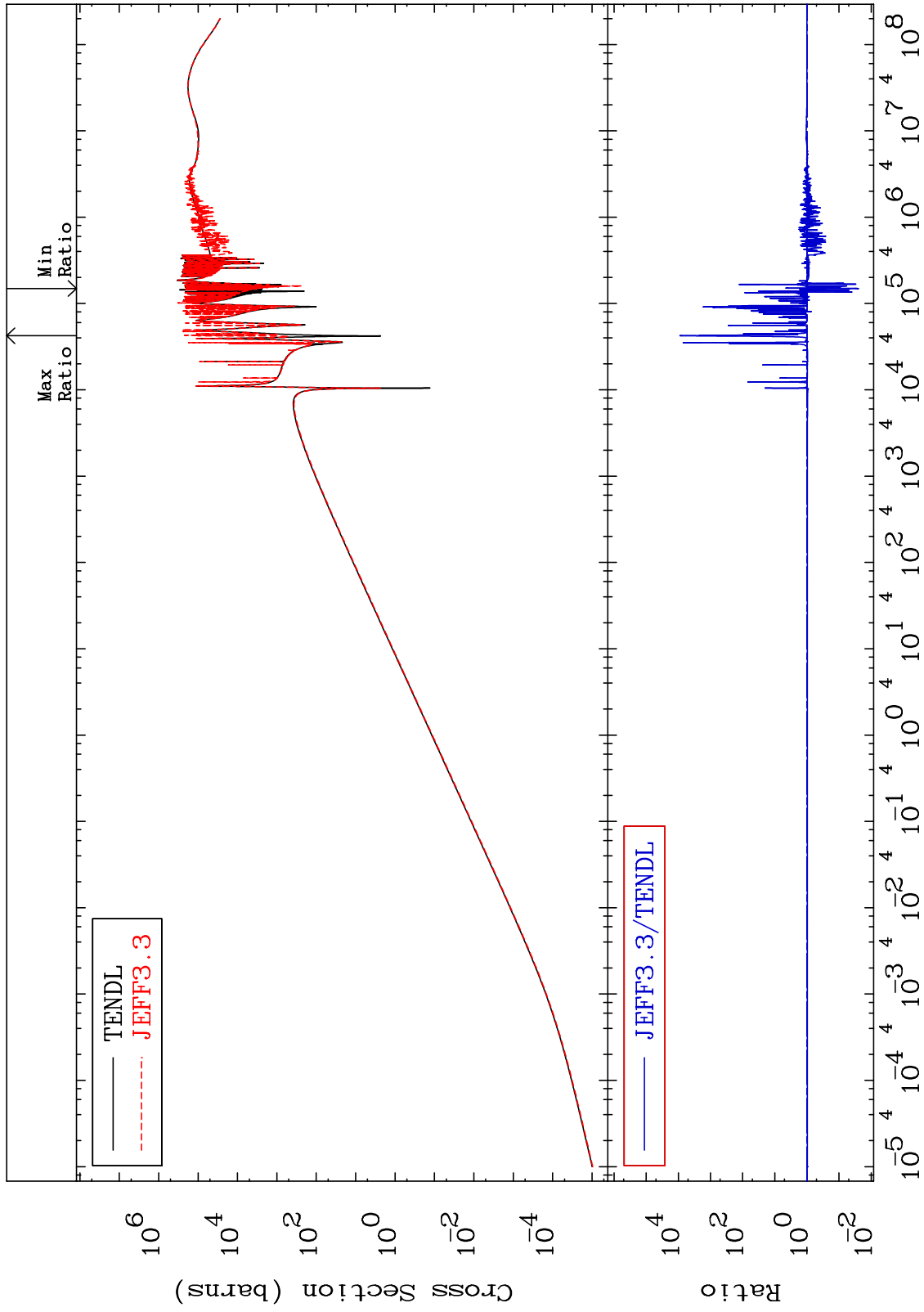
Incident Energy (eV)

22-Ti-46

MAT 2225

Kerma elastic  
Cross Section

22-Ti-46  
-97.50 To 9999. %



66

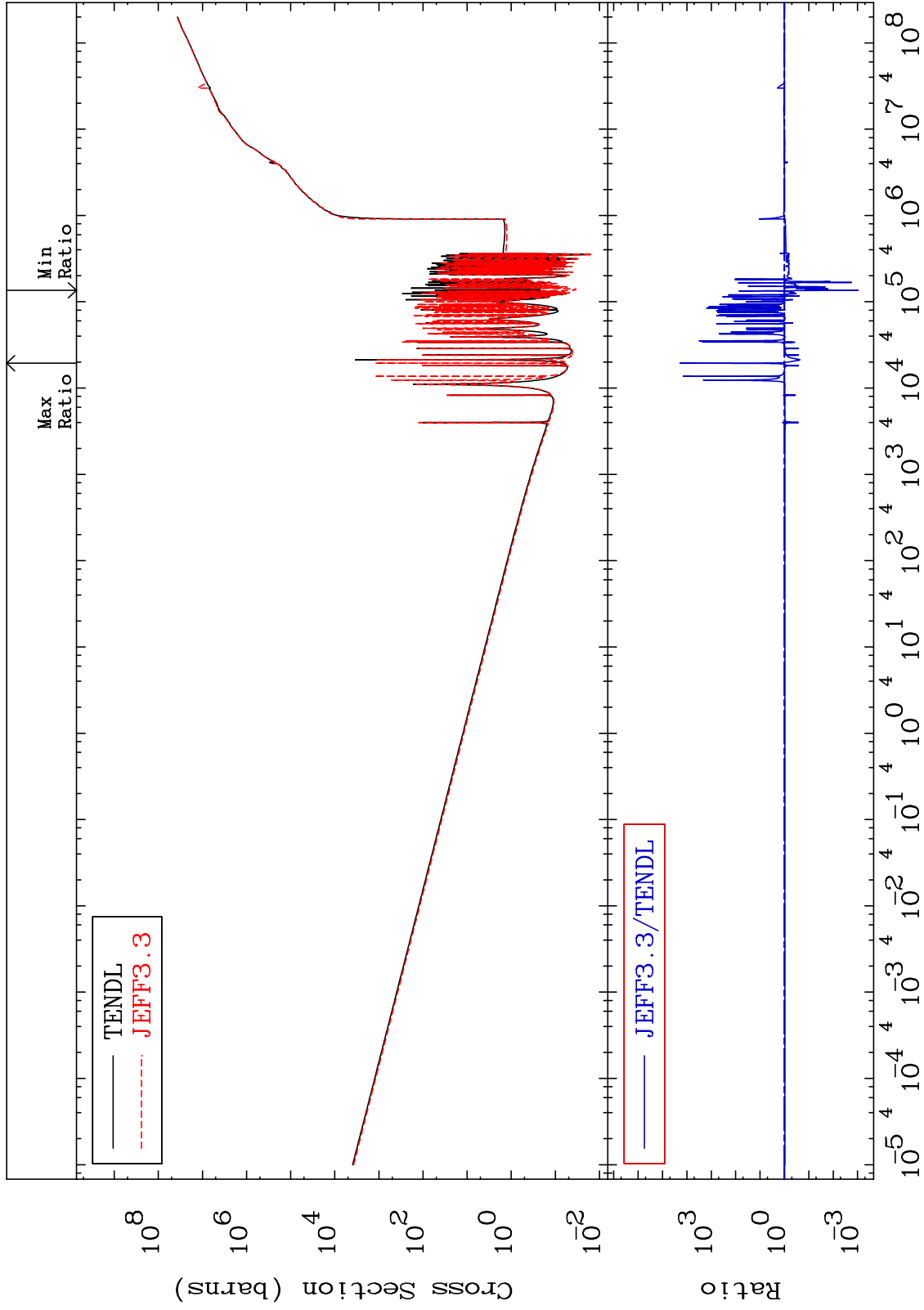
Incident Energy (eV)

22-Ti-46

MAT 2225

Kerma non-elastic (all but mt2)  
Cross Section

22-Ti-46  
-99.91 To 9999. %



67

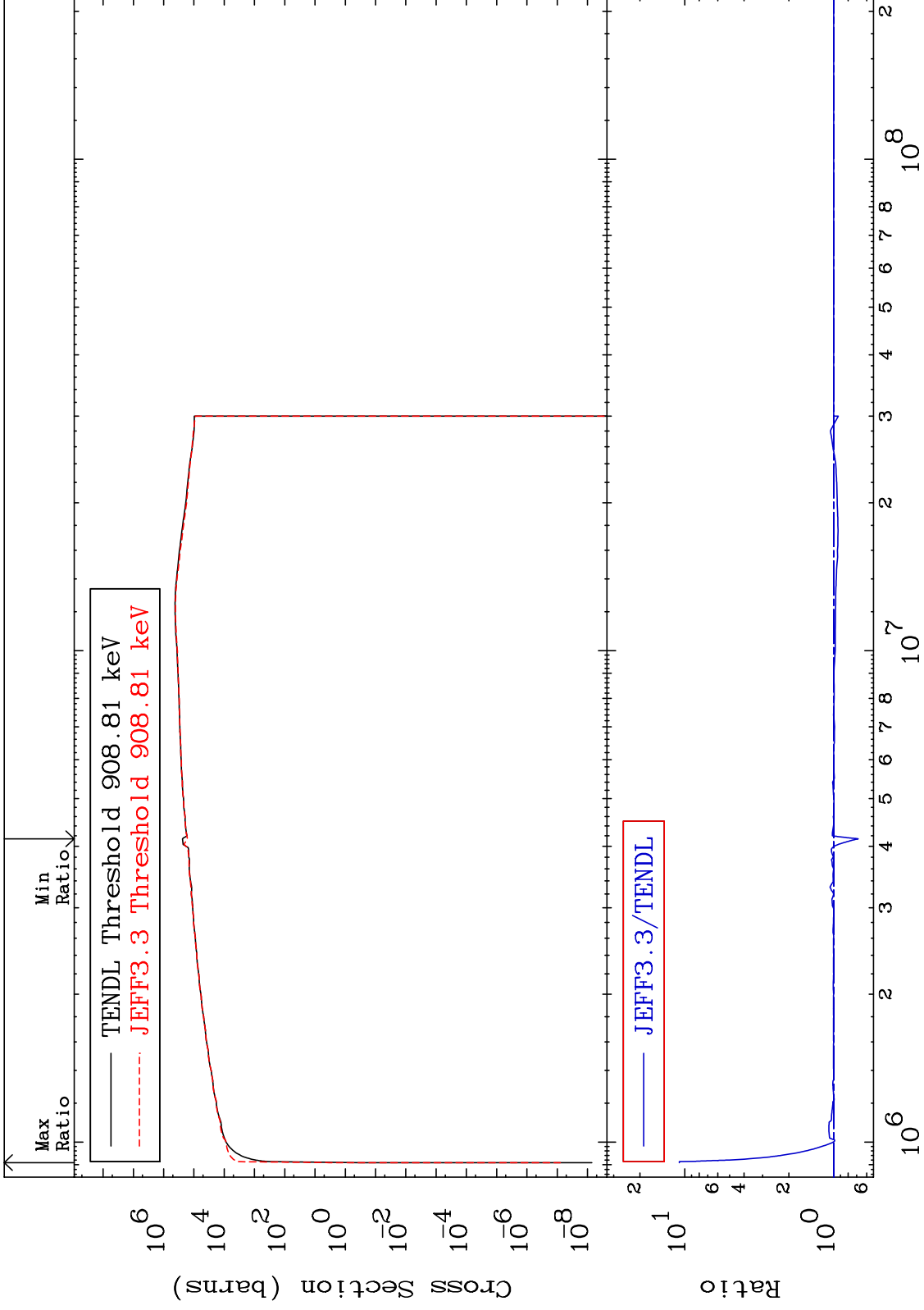
Incident Energy (eV)

22-Ti-46

MAT 2225

Kerma inelastic (mt51-91)  
Cross Section

22-Ti-46  
-31.67 To 985.4 %



68

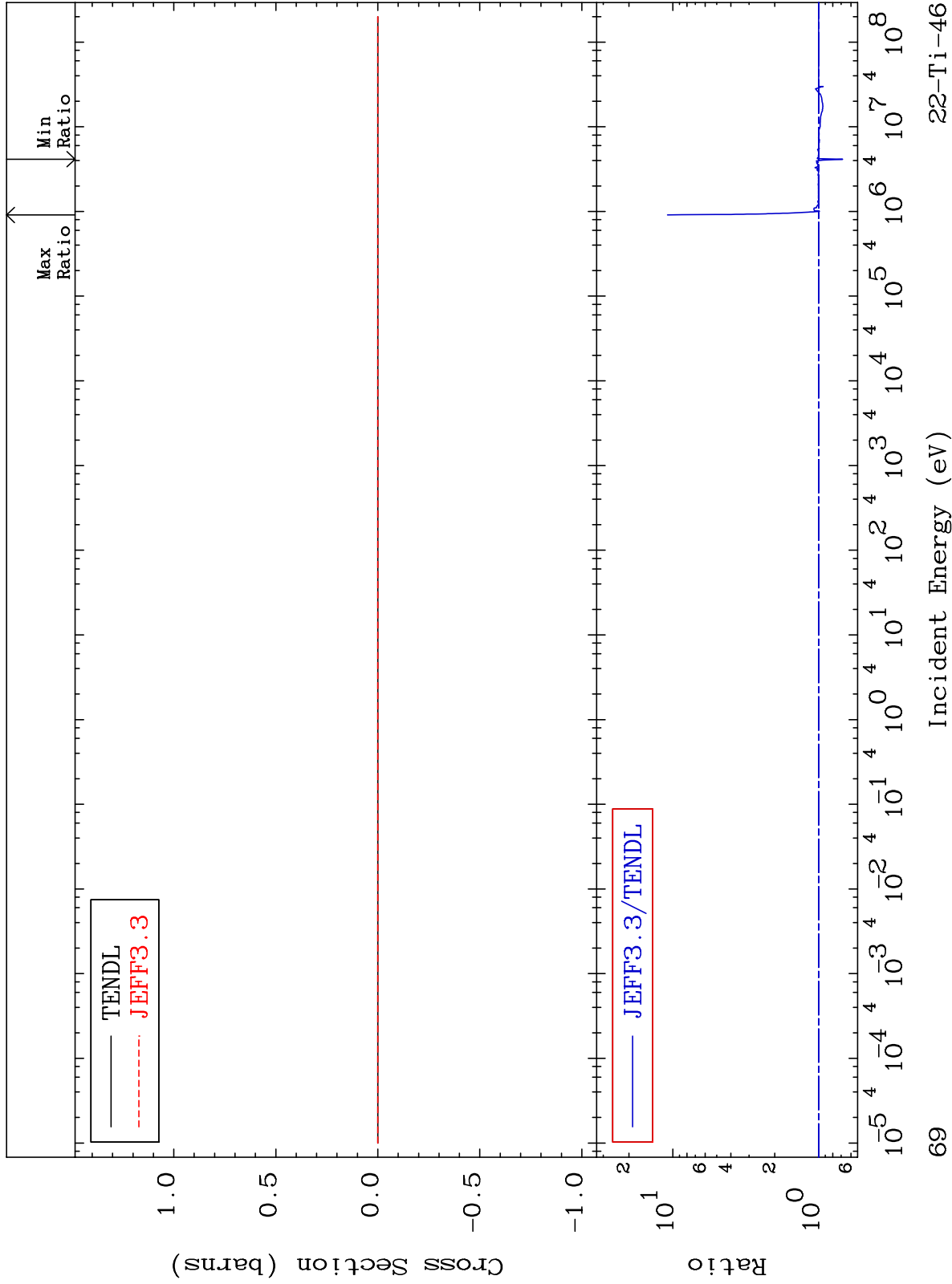
Incident Energy (eV)

22-Ti-46

MAT 2225

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

22-Ti-46  
-31.67 To 985.4 %



69

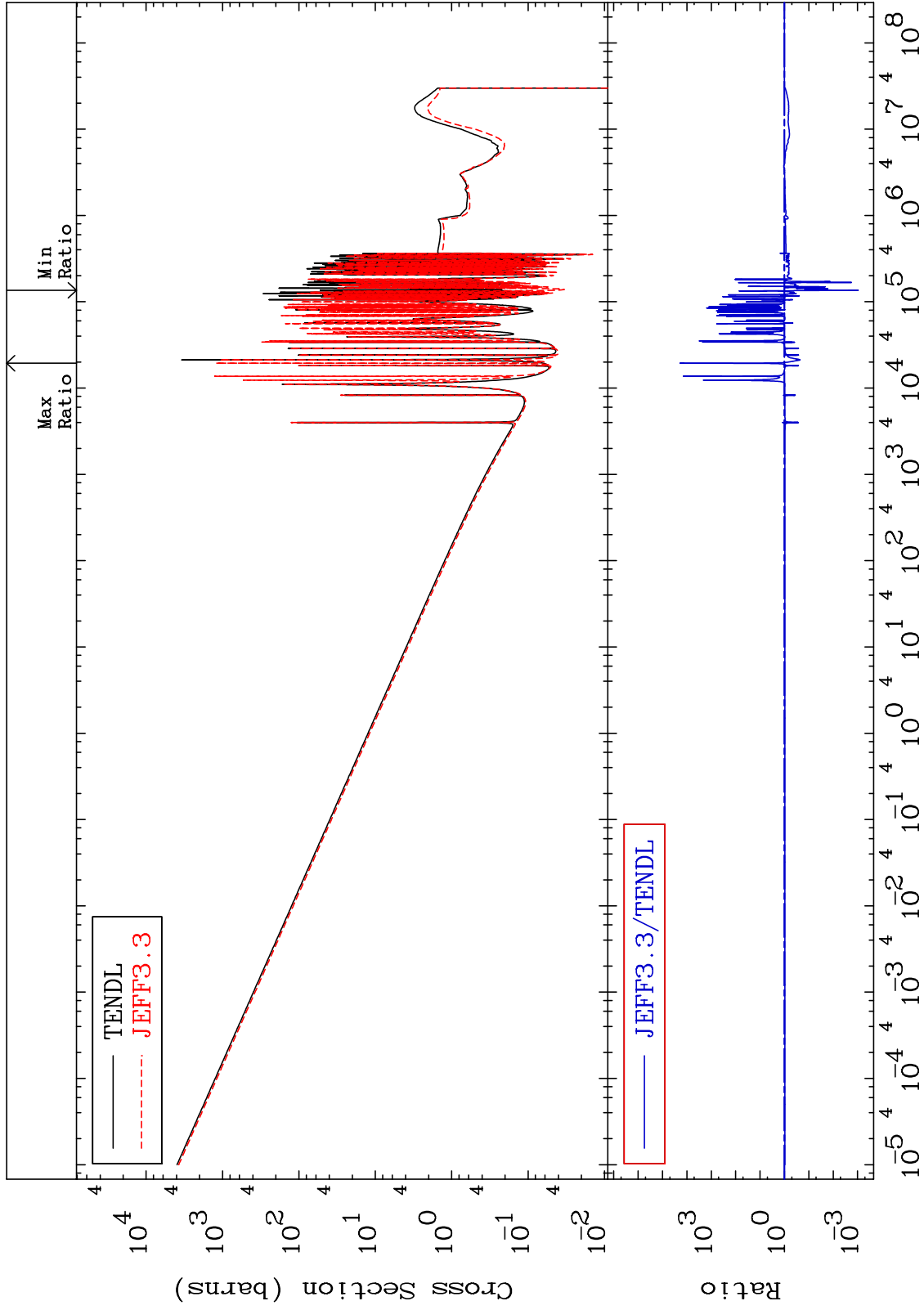
Incident Energy (eV)

22-Ti-46

MAT 2225

Kerma capture (mt102)  
Cross Section

22-Ti-46  
-99.91 To 9999. %



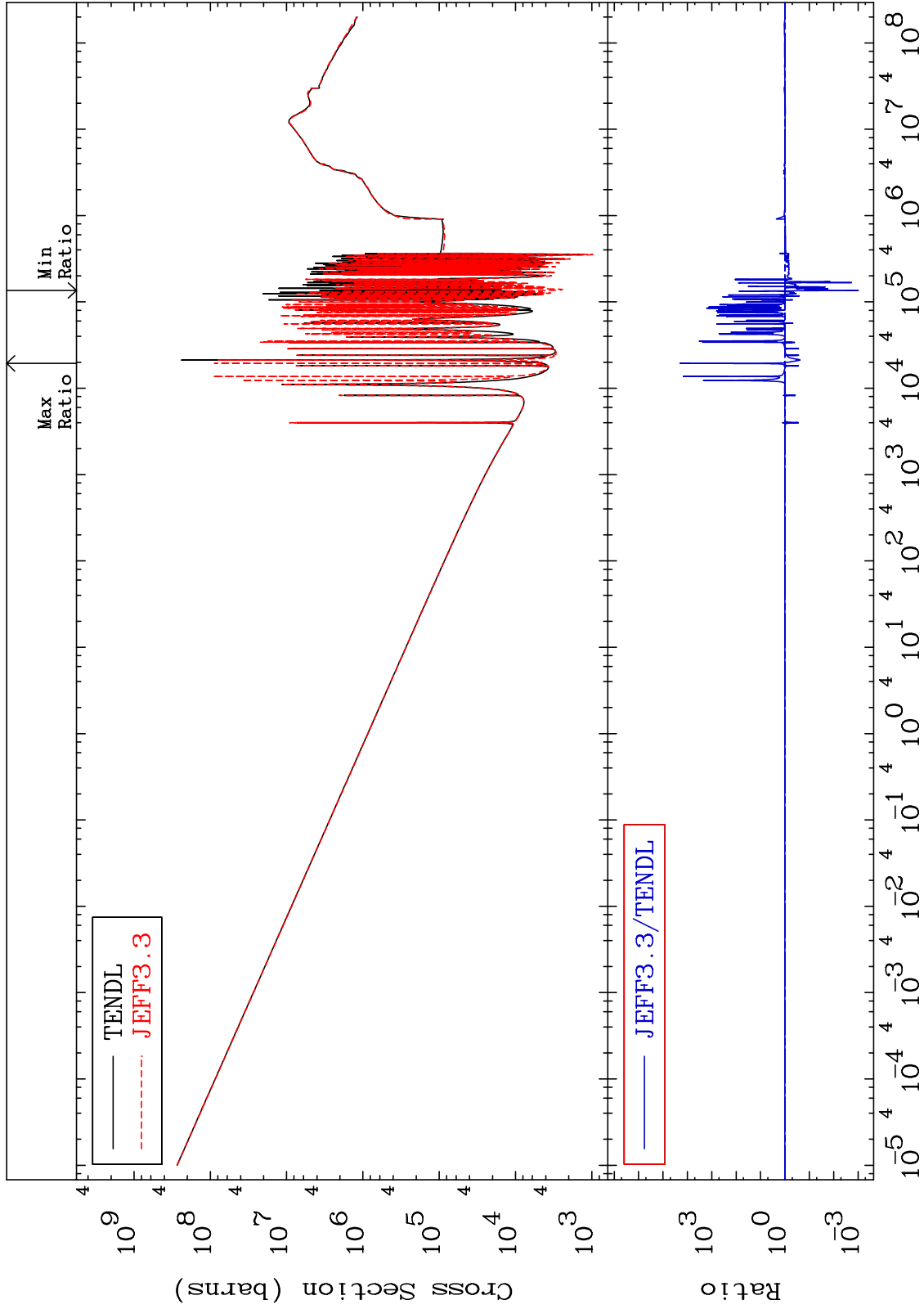
— TENDL  
- - - JEFF3.3

— JEFF3.3/TENDL

MAT 2225

Total photon (eV-barns)  
Cross Section

22-Ti-46  
-99.90 To 9999. %



71

Incident Energy (eV)

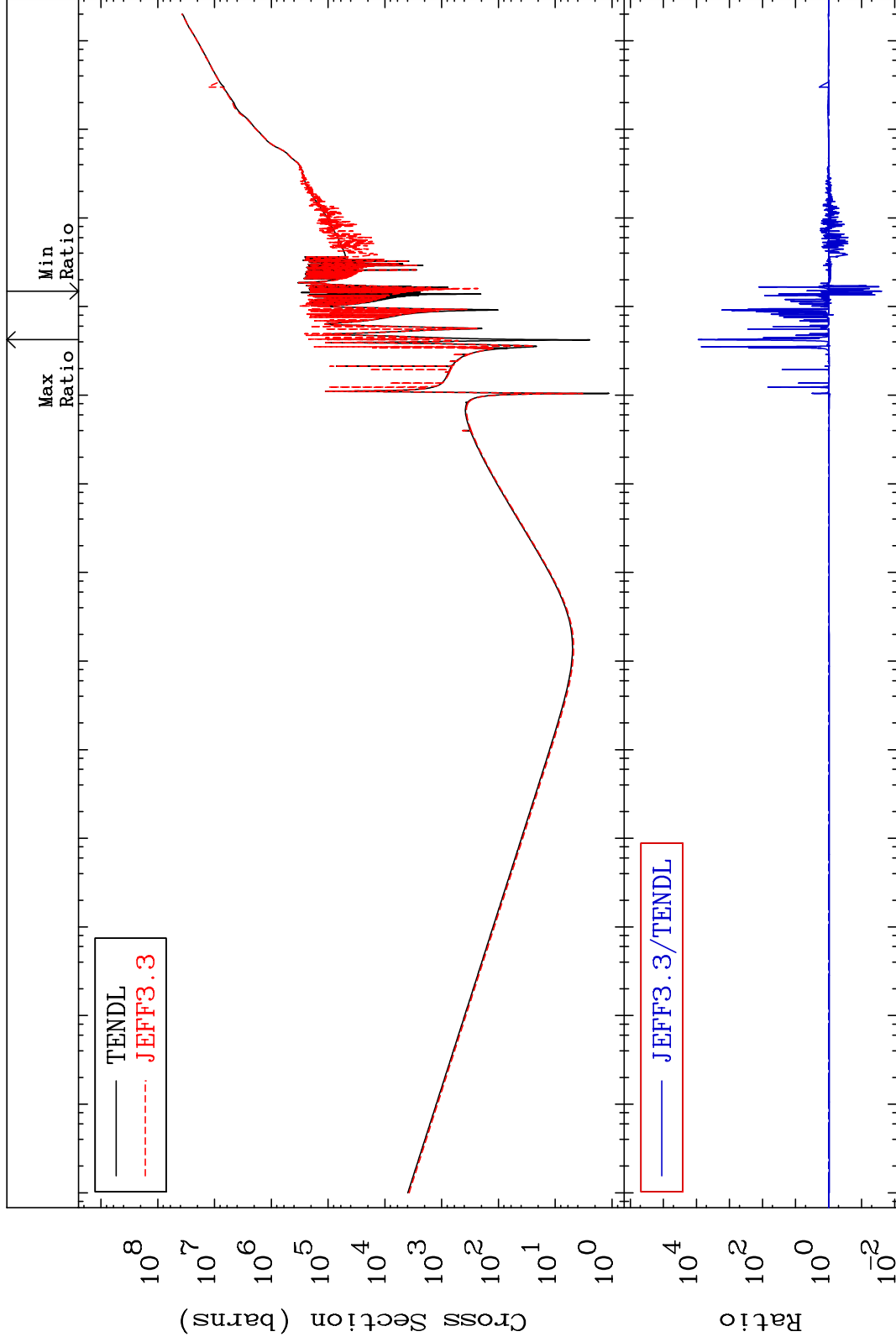
22-Ti-46



MAT 2225

Total kinematic kerma (high limit)  
Cross Section

22-Ti-46  
-97.50 To 9999. %



72

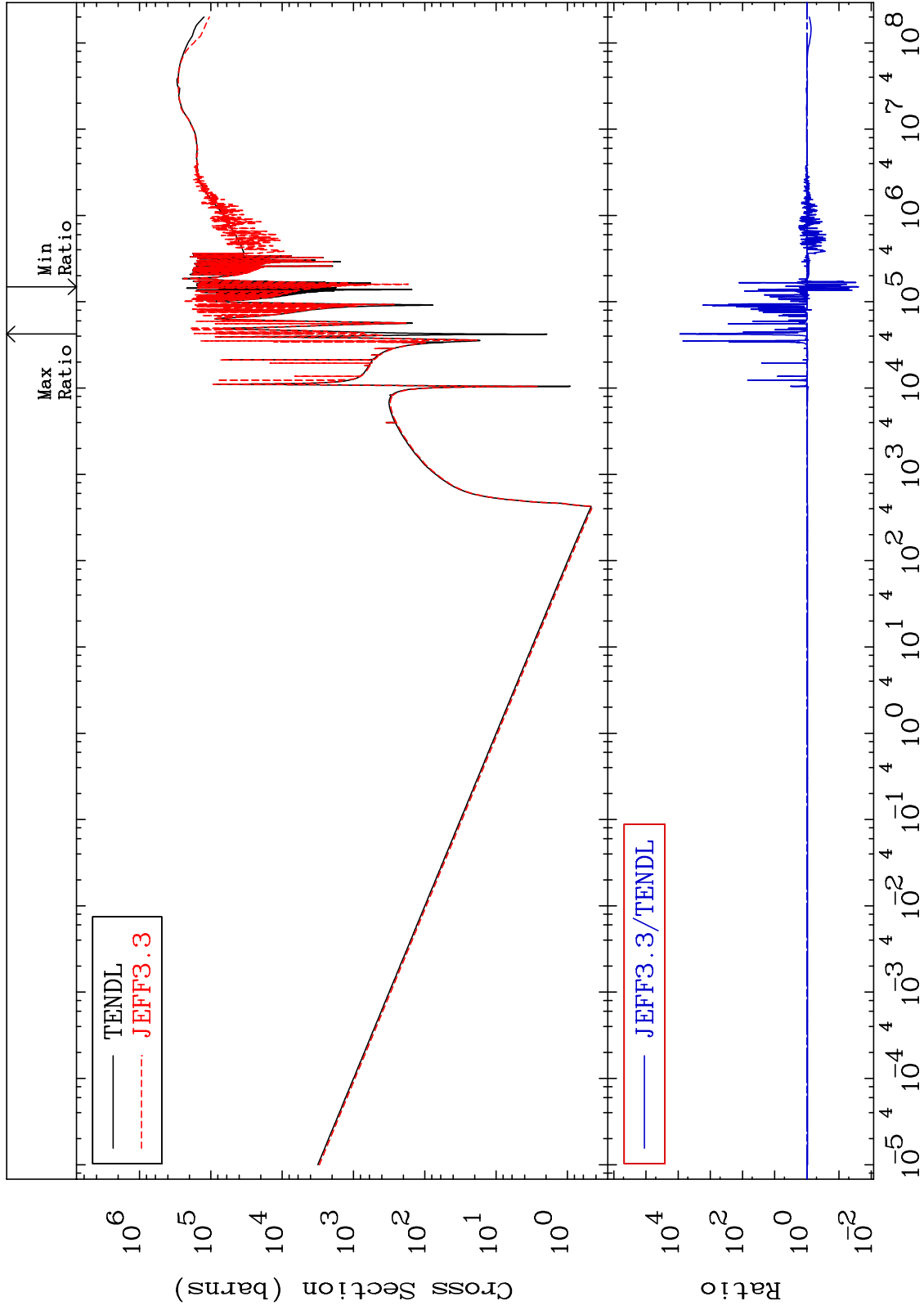
Incident Energy (eV)

22-Ti-46

MAT 2225

Dpa total (eV-barns)  
Cross Section

22-Ti-46  
-97.50 To 9999. %



73

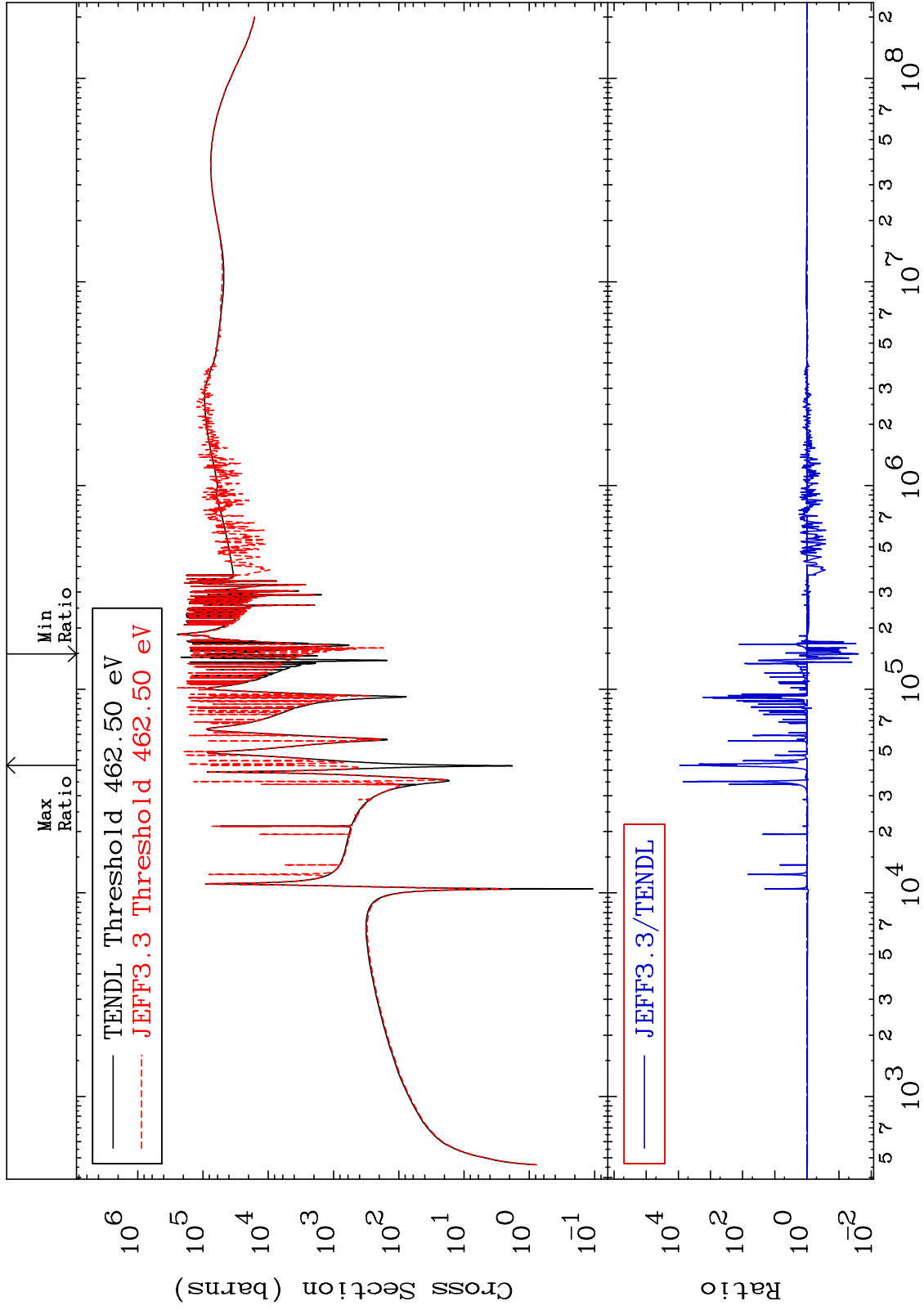
Incident Energy (eV)

22-Ti-46

MAT 2225

Dpa elastic (mt2)  
Cross Section

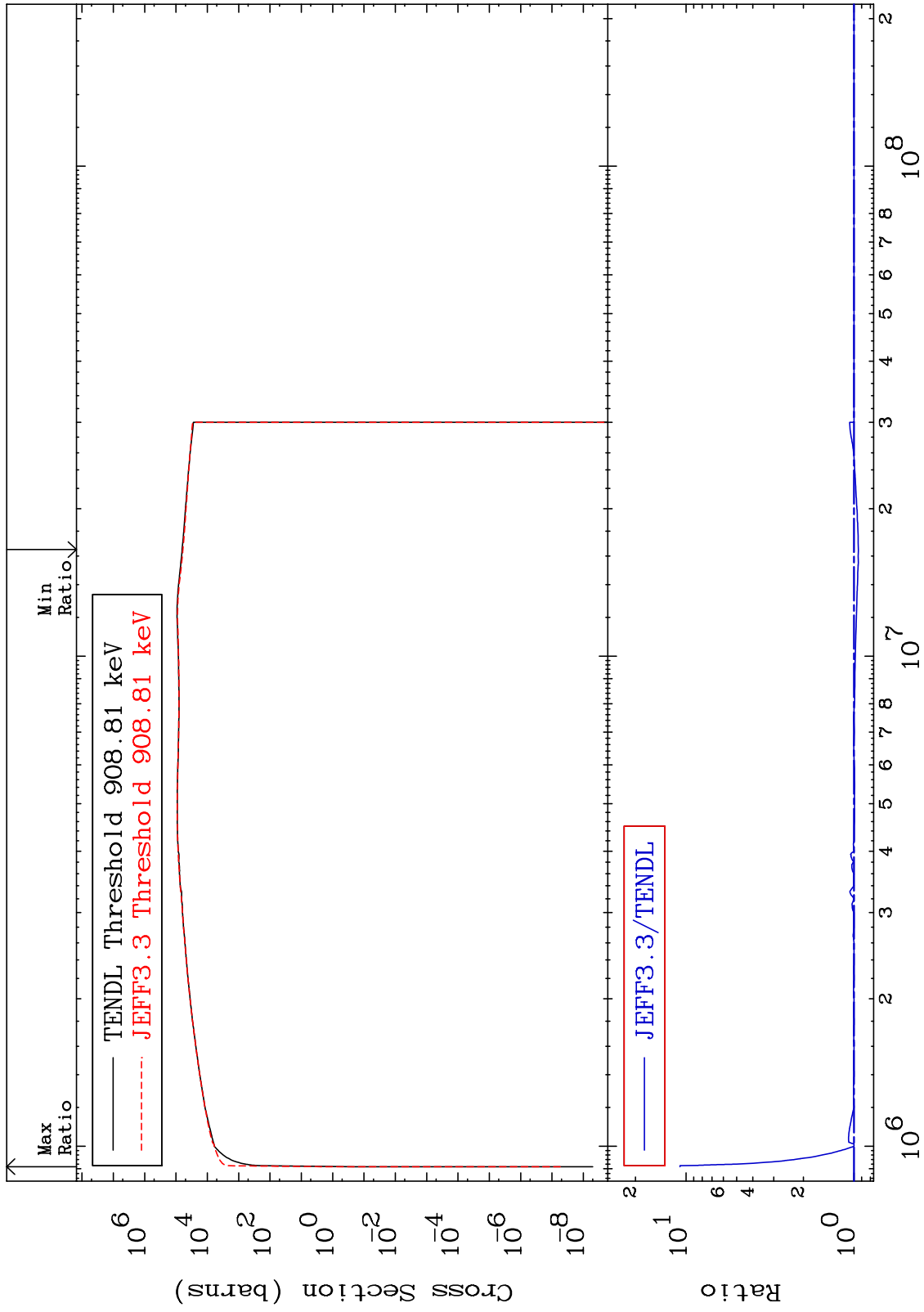
22-Ti-46  
-97.50 To 9999. %



MAT 2225

Dpa inelastic (mt51-91)  
Cross Section

22-Ti-46  
-5.895 To 985.4 %



75

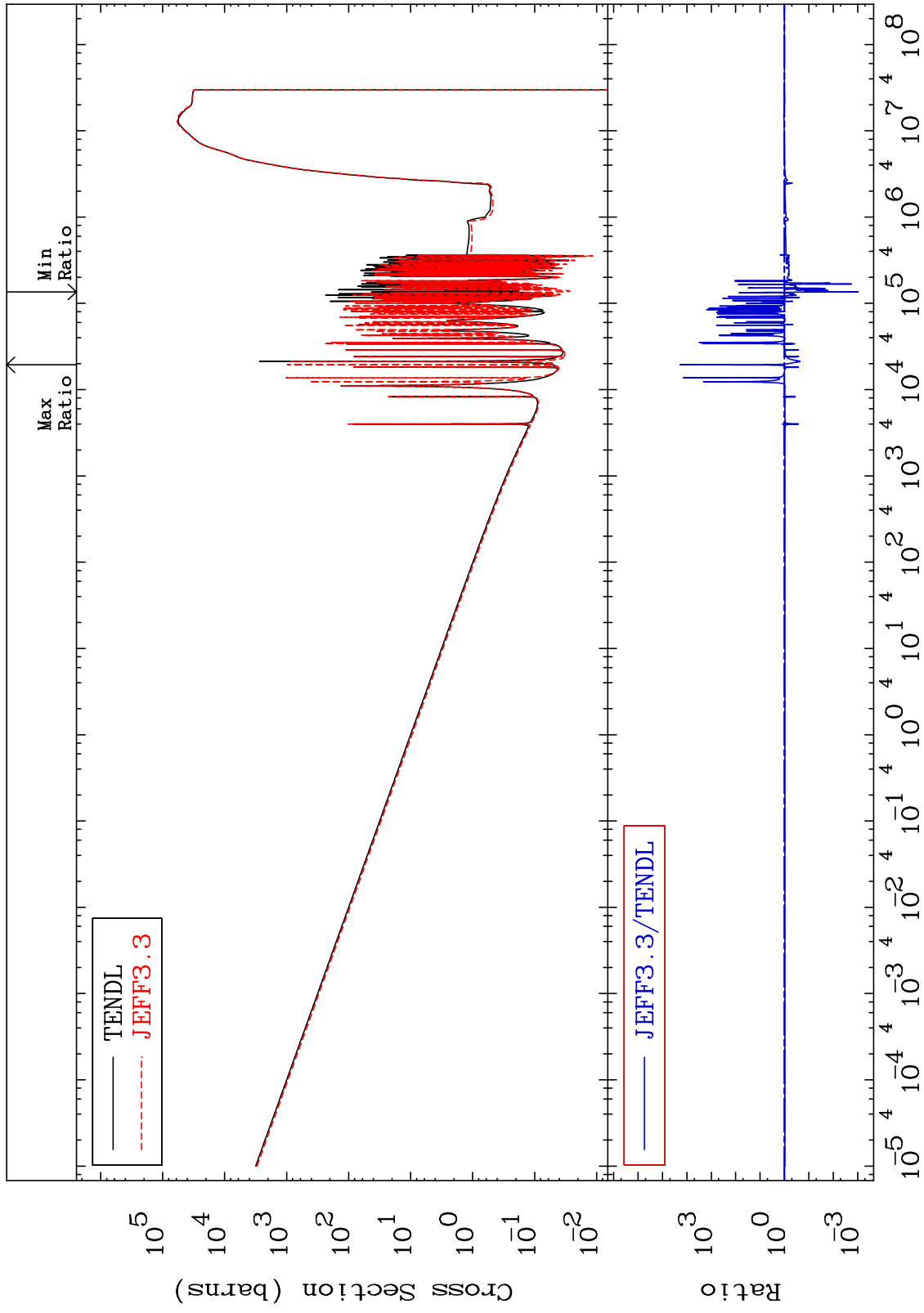
Incident Energy (eV)

22-Ti-46

MAT 2225

Dpa disappearance (mt102 -120)  
Cross Section

22-Ti-46  
-99.91 To 9999. %



76

Incident Energy (eV)

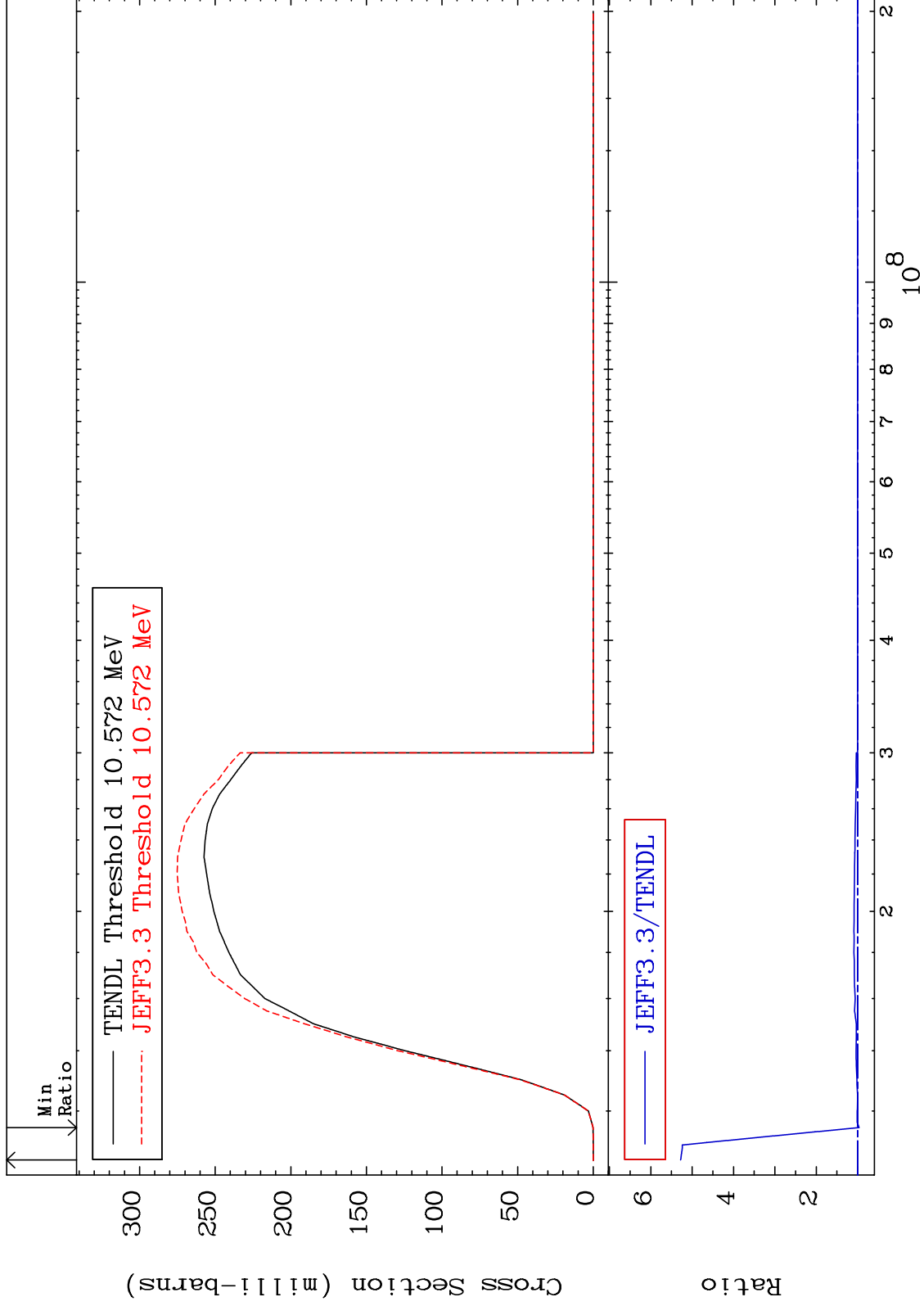
22-Ti-46

MAT 2225

(n, n') p:21-Sc-45g

22-Ti-46

Radionuclide Production Cross Section -3.773 To 427.9 %



77

Incident Energy (eV)

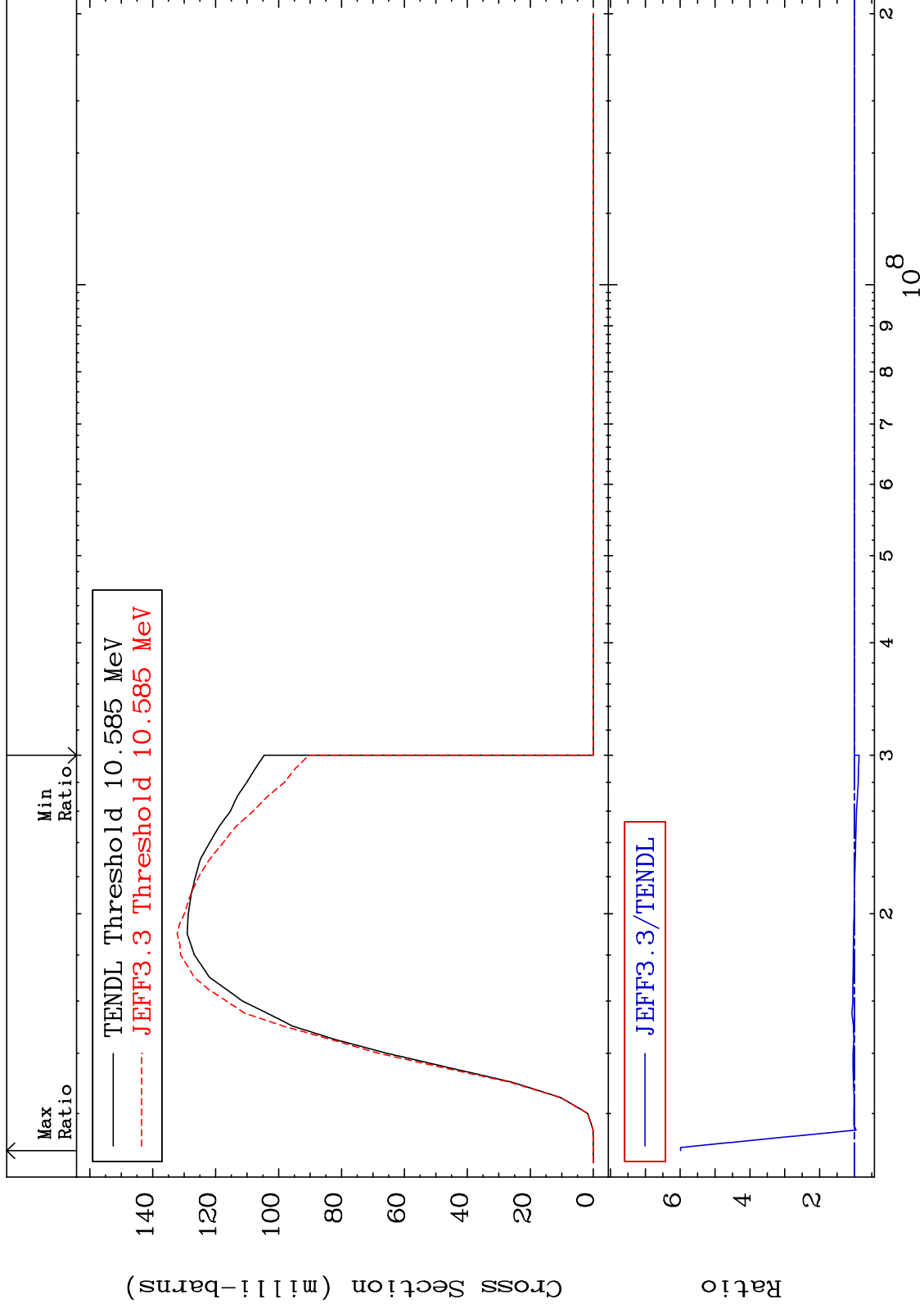
22-Ti-46

MAT 2225

(n, n') p:21-Sc-45m1

22-Ti-46

Radionuclide Production Cross Section -13.62 To 498.8 %



78

Incident Energy (eV)

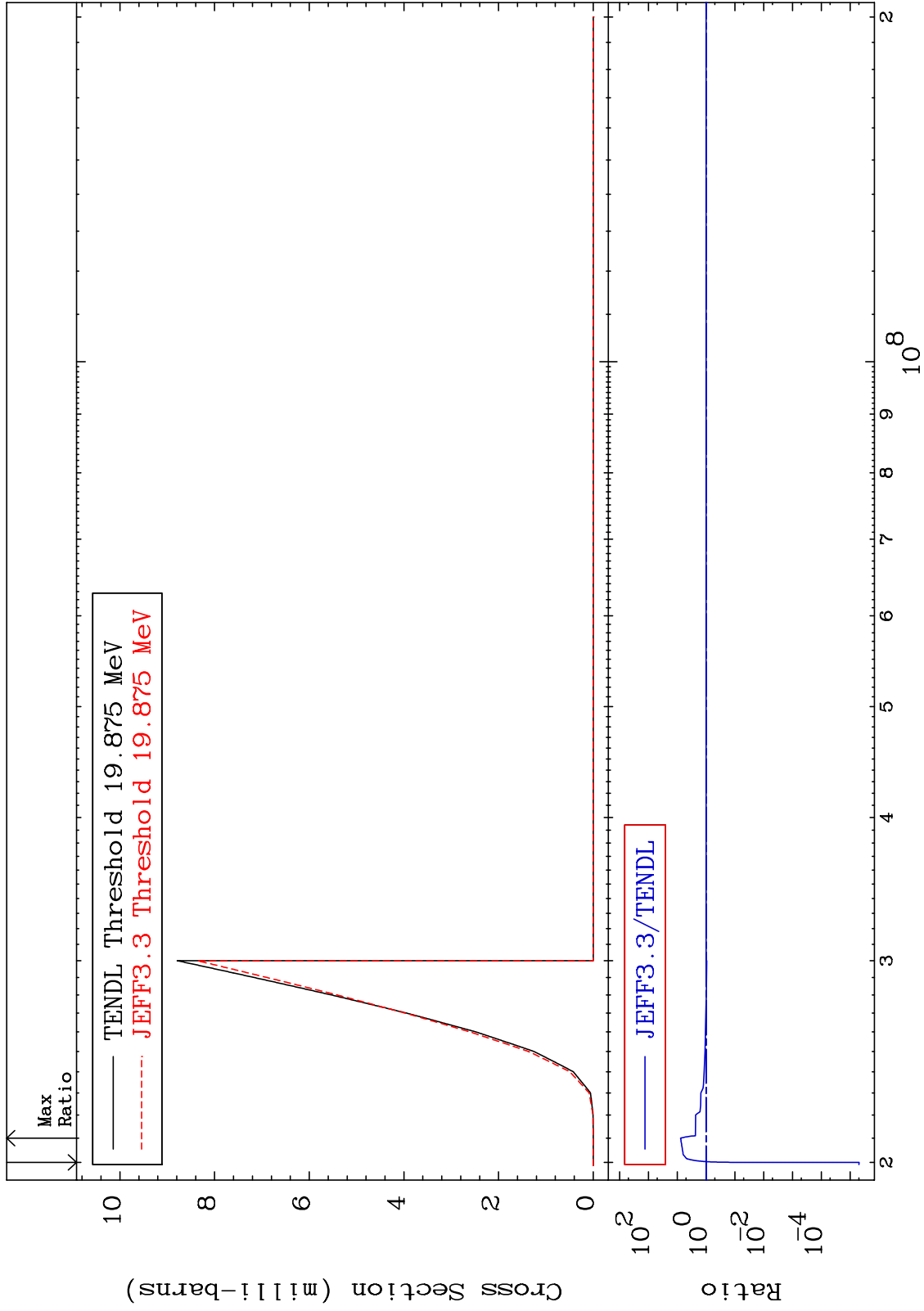
22-Ti-46

MAT 2225

(n, n') d:21-Sc-44g

22-Ti-46

Radionuclide Production Cross Section -100.0 To 665.2 %



79

Incident Energy (eV)

22-Ti-46

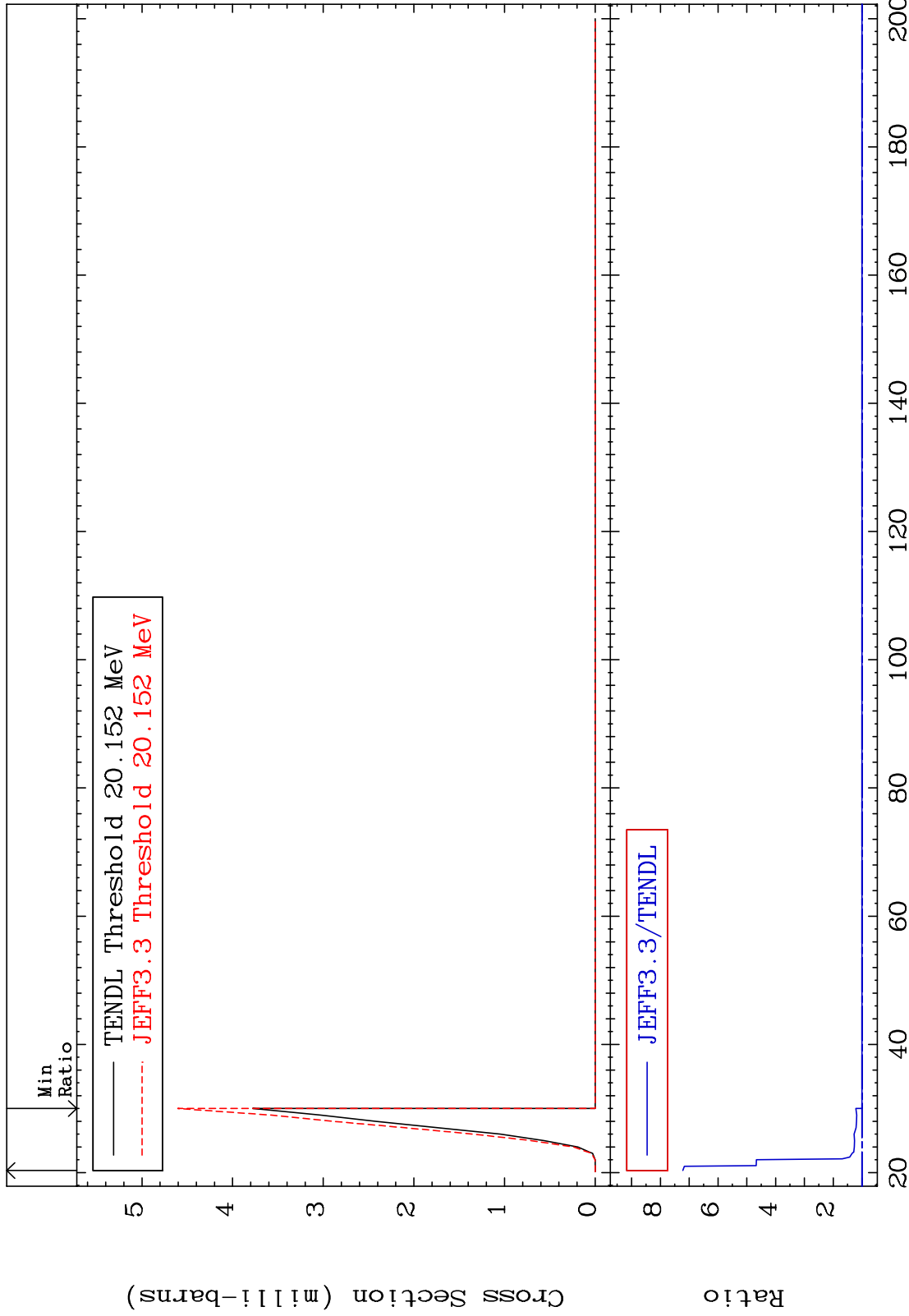


MAT 2225

(n, n') d:21-Sc-44m4

22-Ti-46

Radionuclide Production Cross Section 0.000 To 622.0 %



22-Ti-46

Incident Energy (MeV)

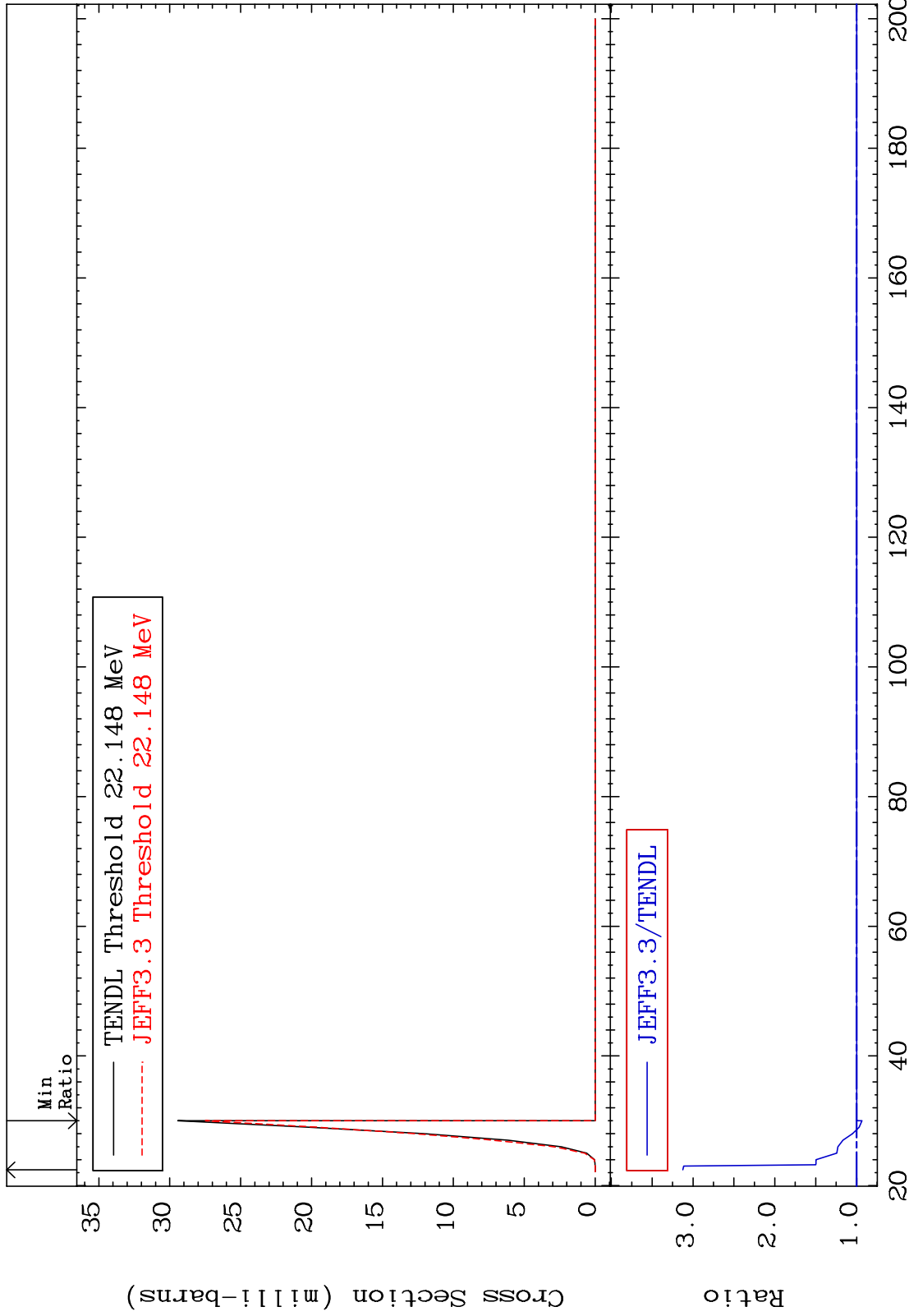
80

MAT 2225

(n,2n) p:21-Sc-44g

22-Ti-46

Radionuclide Production Cross Section -6.617 To 212.5 %

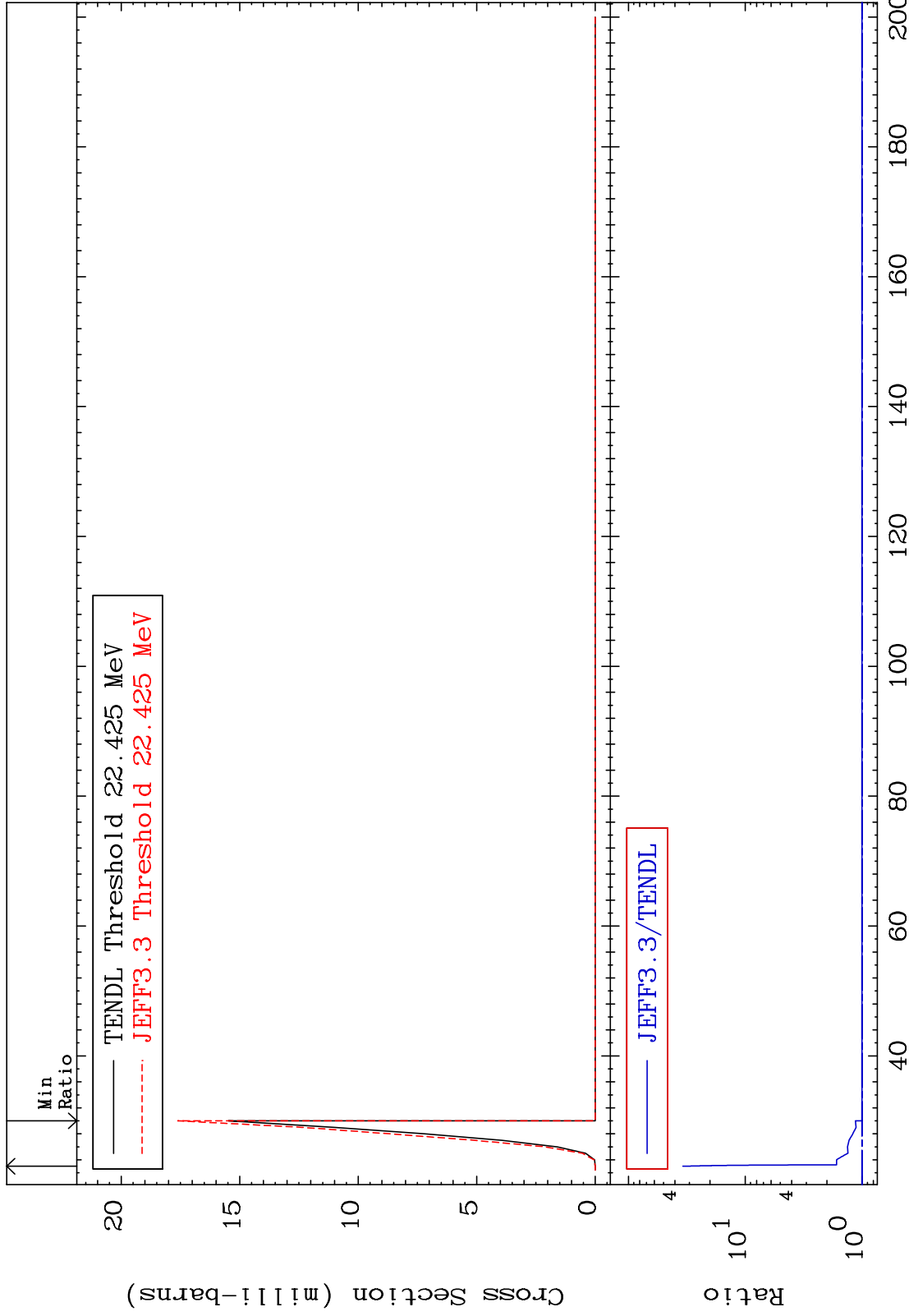


MAT 2225

(n,2n) p:21-Sc-44m4

22-Ti-46

Radionuclide Production Cross Section 0.000 To 3317. %



82

Incident Energy (MeV)

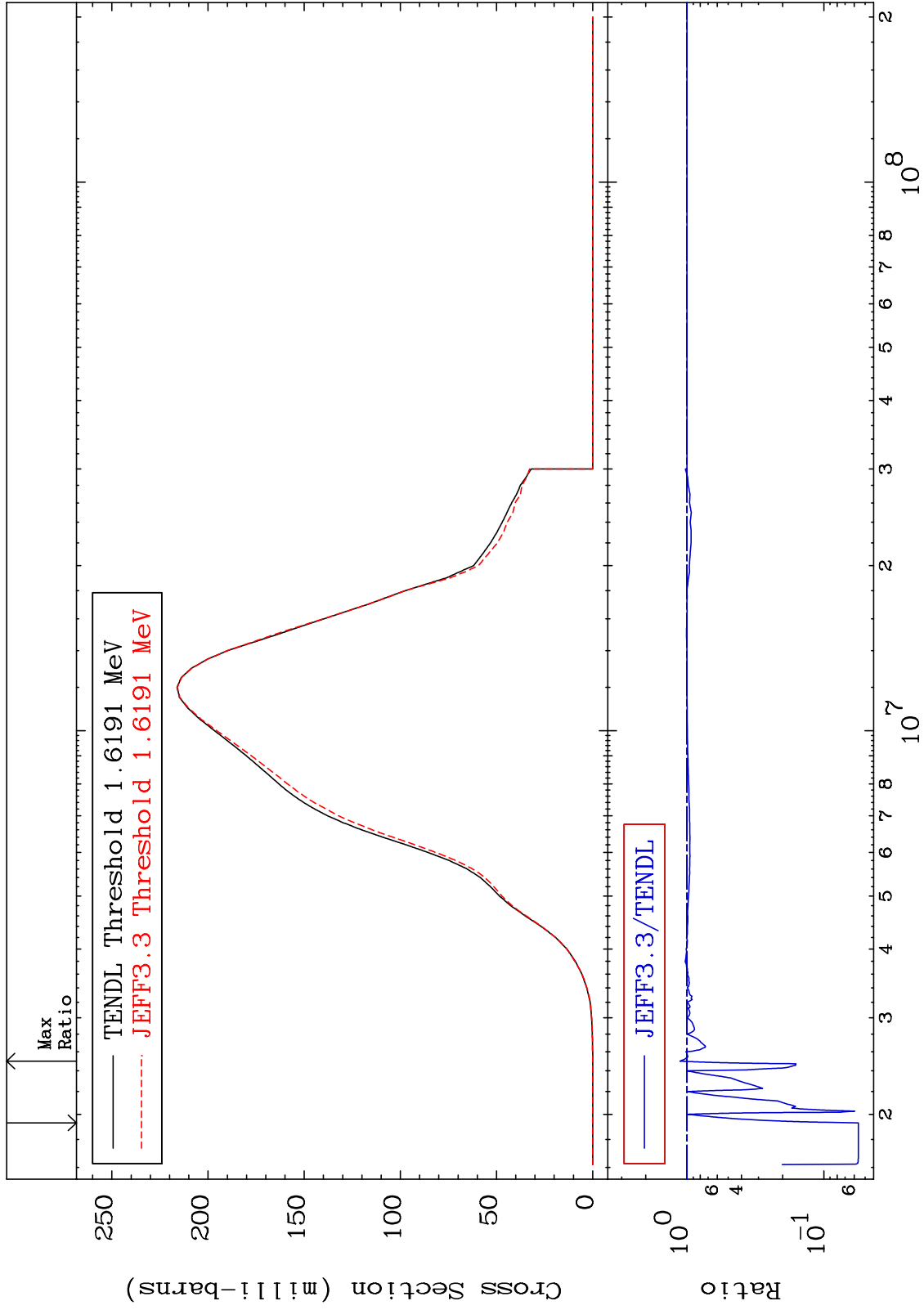
22-Ti-46

MAT 2225

(n,p):21-Sc-46g

22-Ti-46

Radionuclide Production Cross Section -94.41 To 12.36 %

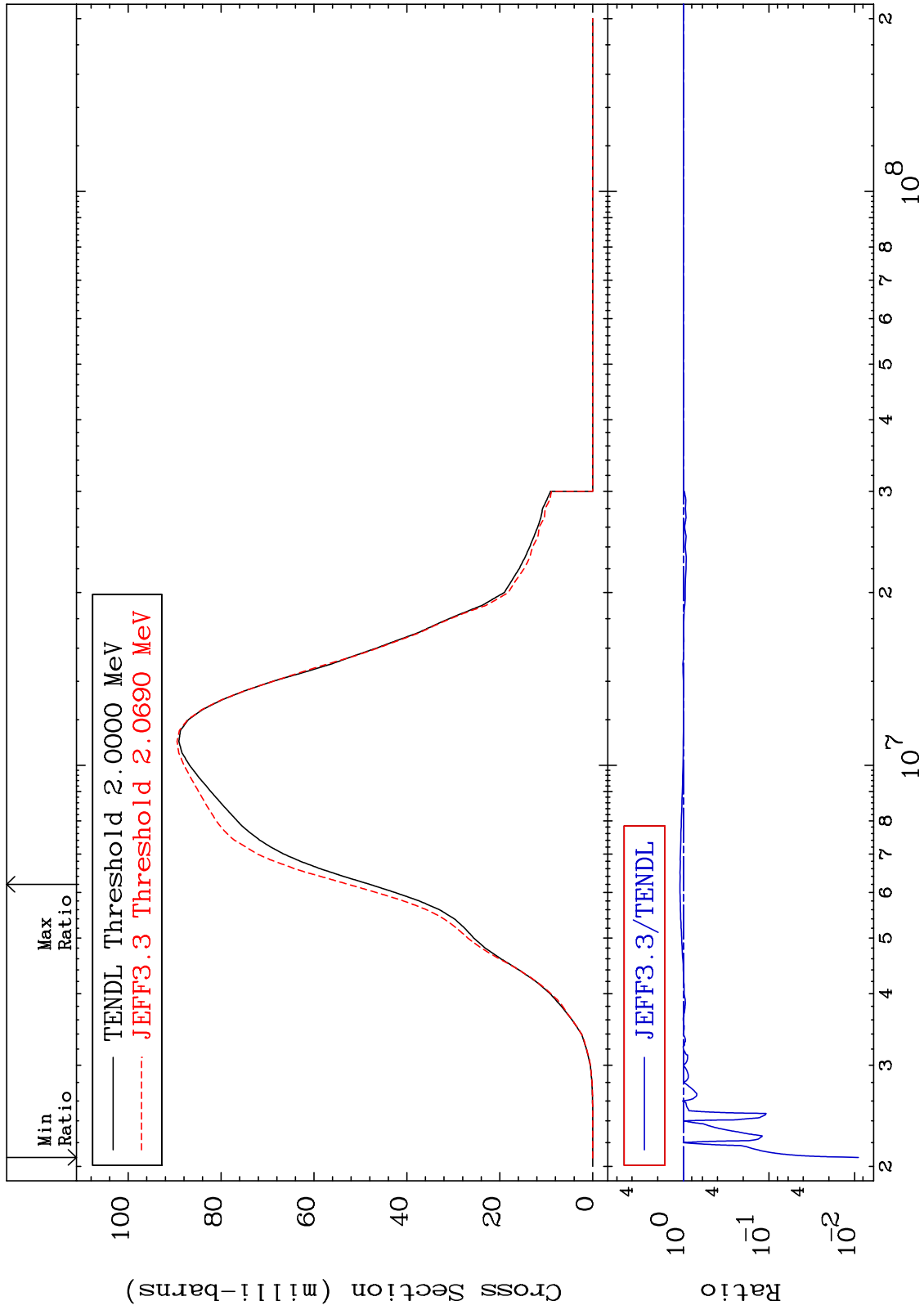


MAT 2225

(n,p):21-Sc-46m2

22-Ti-46

Radionuclide Production Cross Section -99.10 To 9.642 %

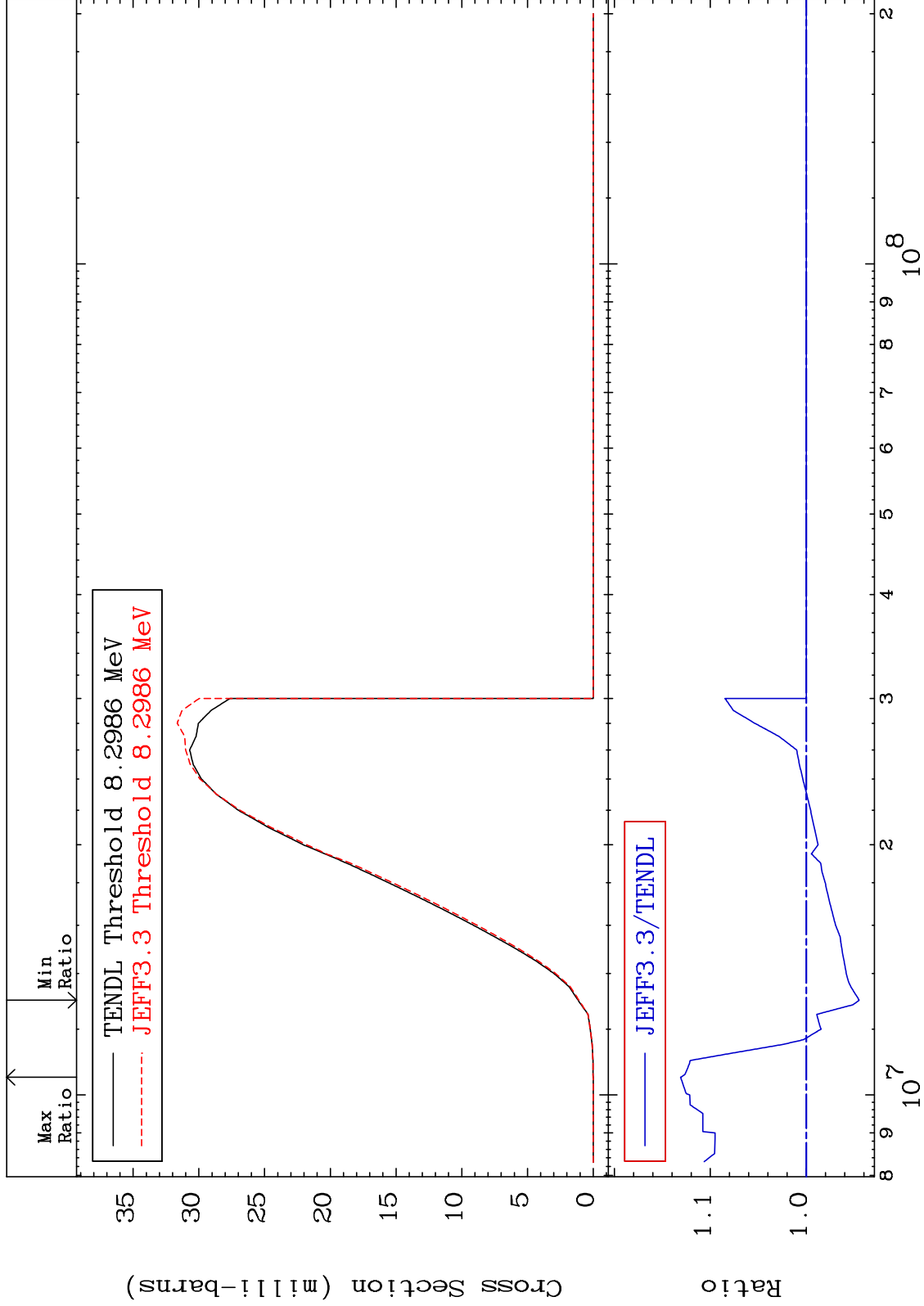


MAT 2225

(n,d):21-Sc-45g

22-Ti-46

Radionuclide Production Cross Section -5.504 To 13.10 %



85

Incident Energy (eV)

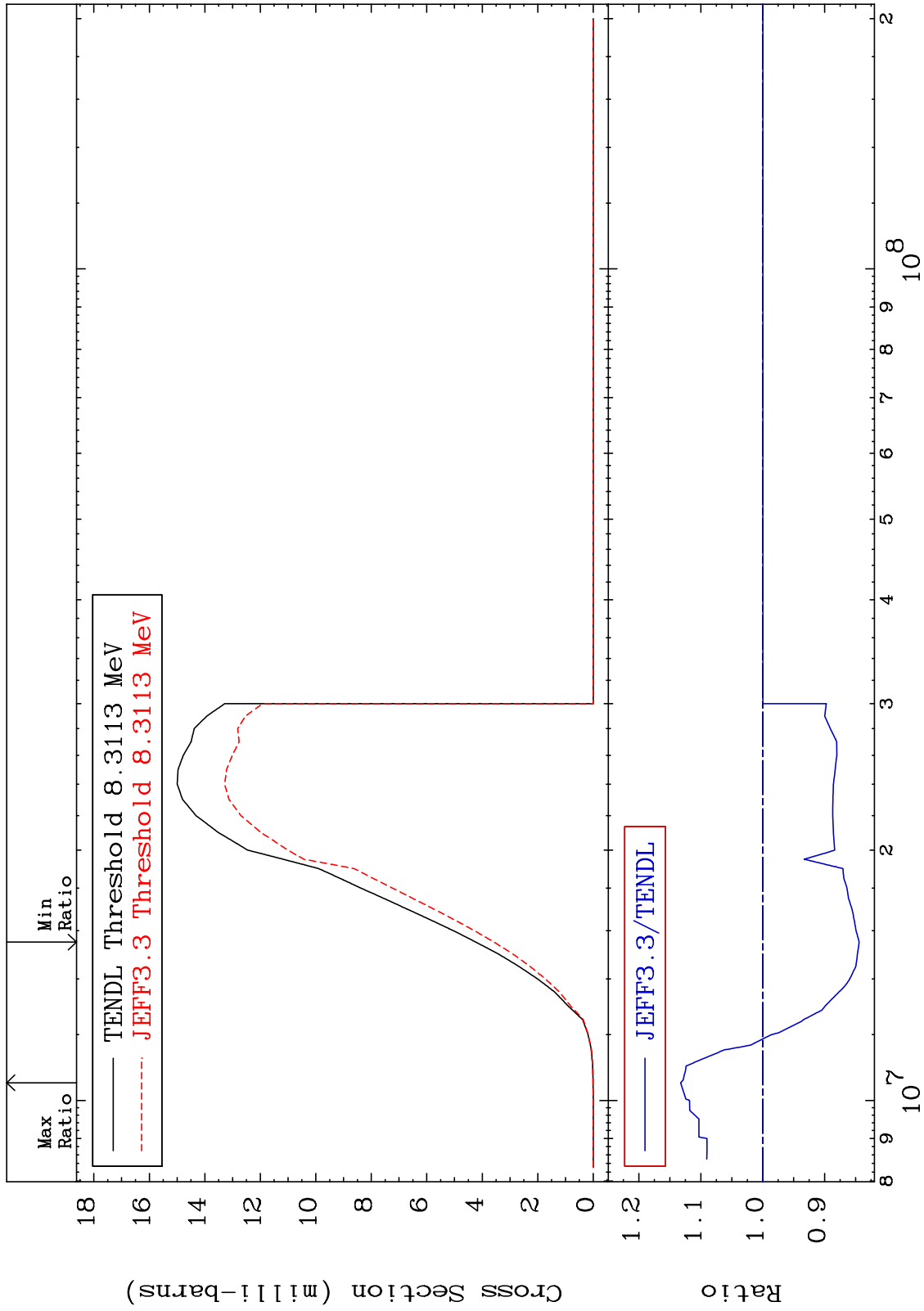
22-Ti-46

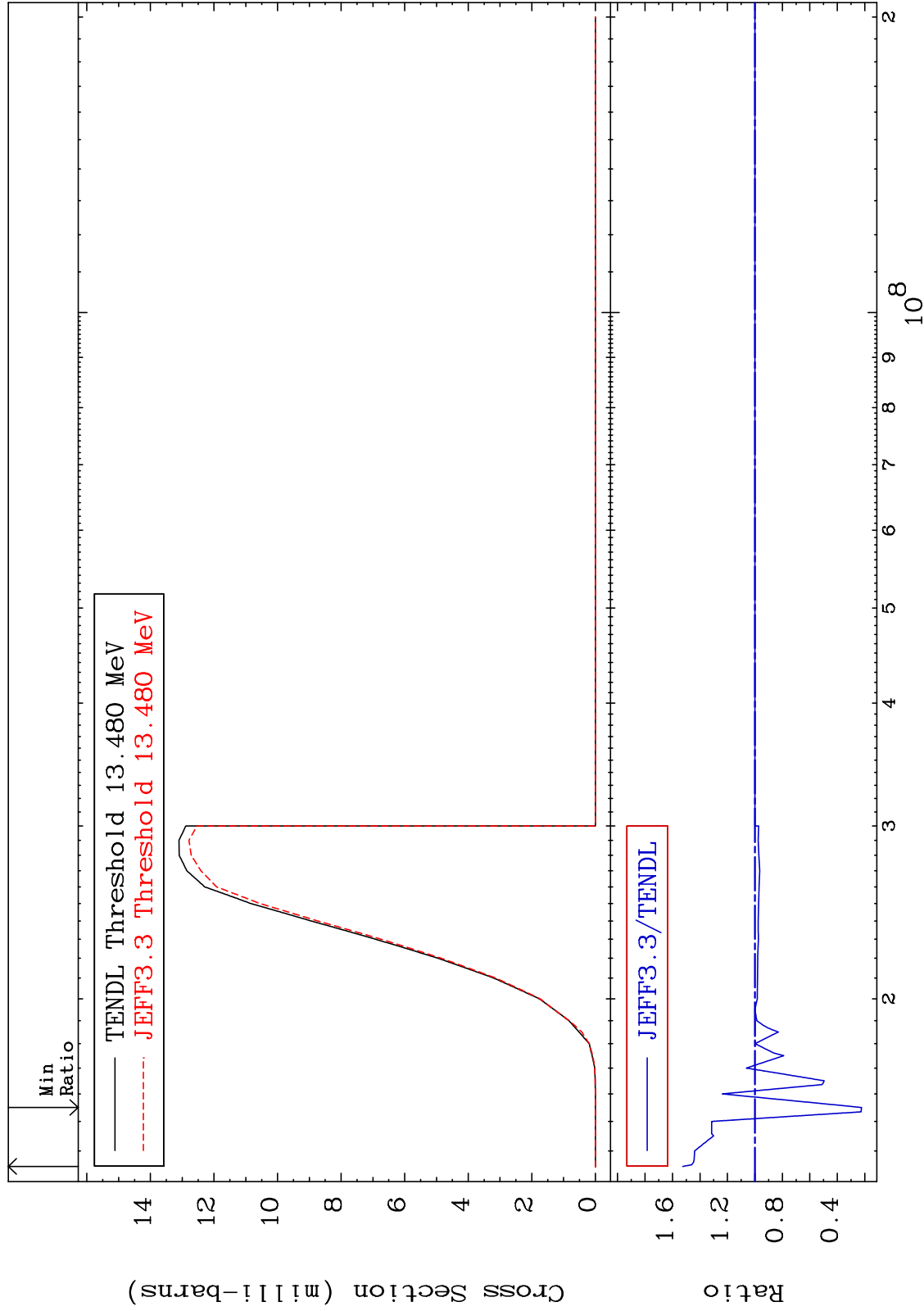
MAT 2225

(n,d):21-Sc-45m1

22-Ti-46

Radionuclide Production Cross Section -15.56 To 13.26 %







Radionuclide Production Cross Section -85.26 To 34.55 %

