

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

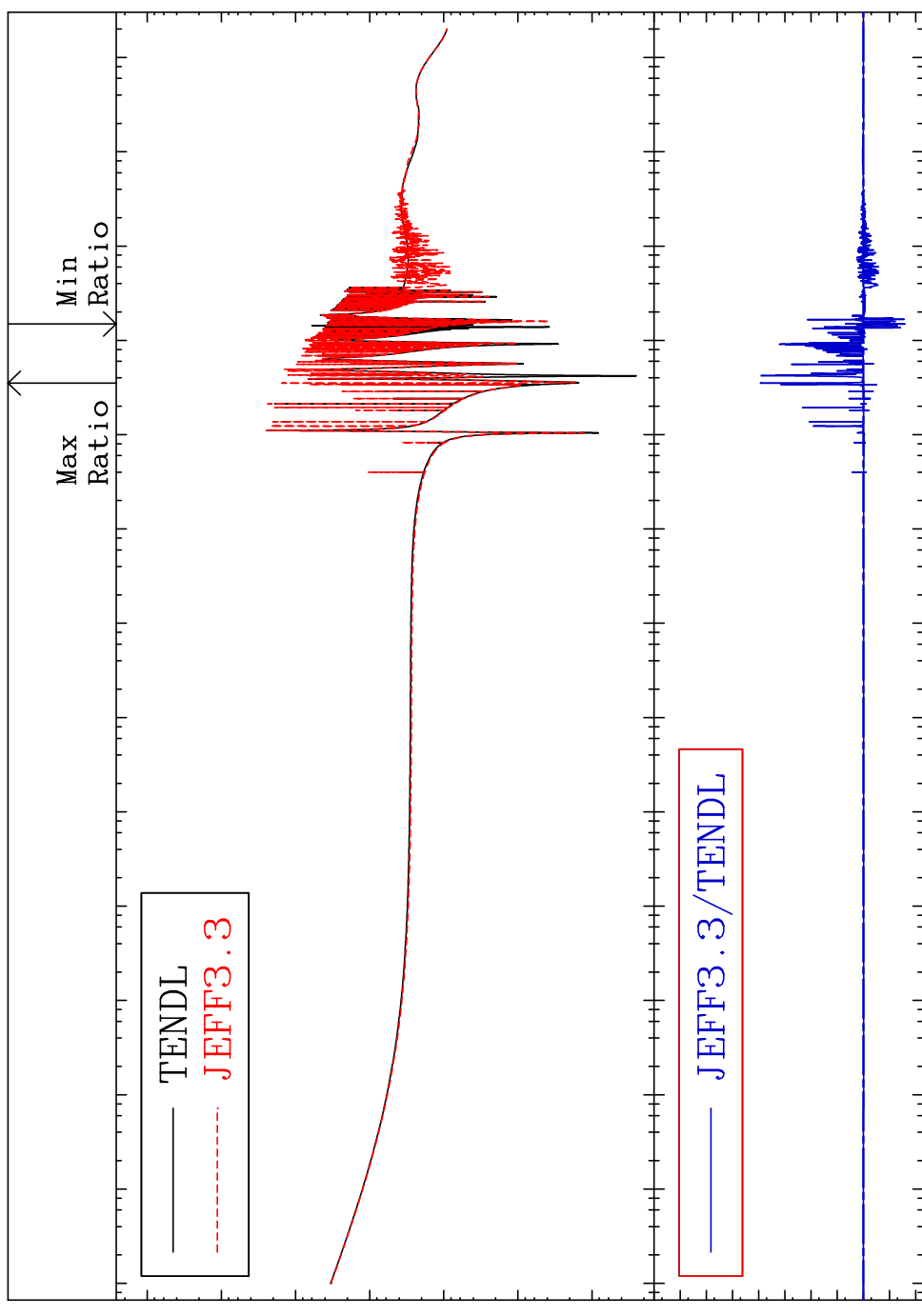
MAT 2225

Total

22-Ti-46

Cross Section

-97.50 To 9999. %



1

Incident Energy (eV)

22-Ti-46

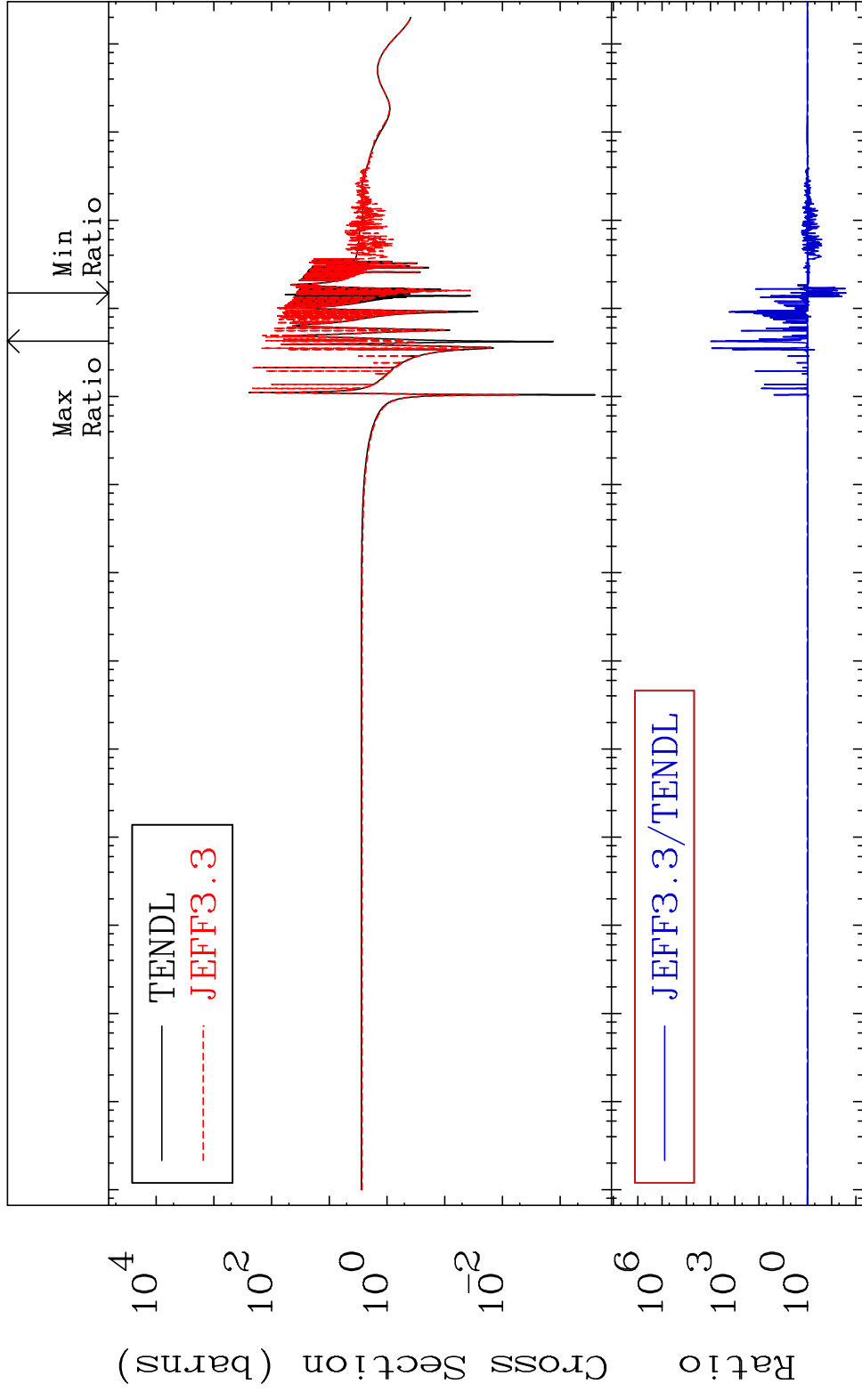
MAT 2225

Elastic

22-Ti-46

Cross Section

-97.50 To 9999. %

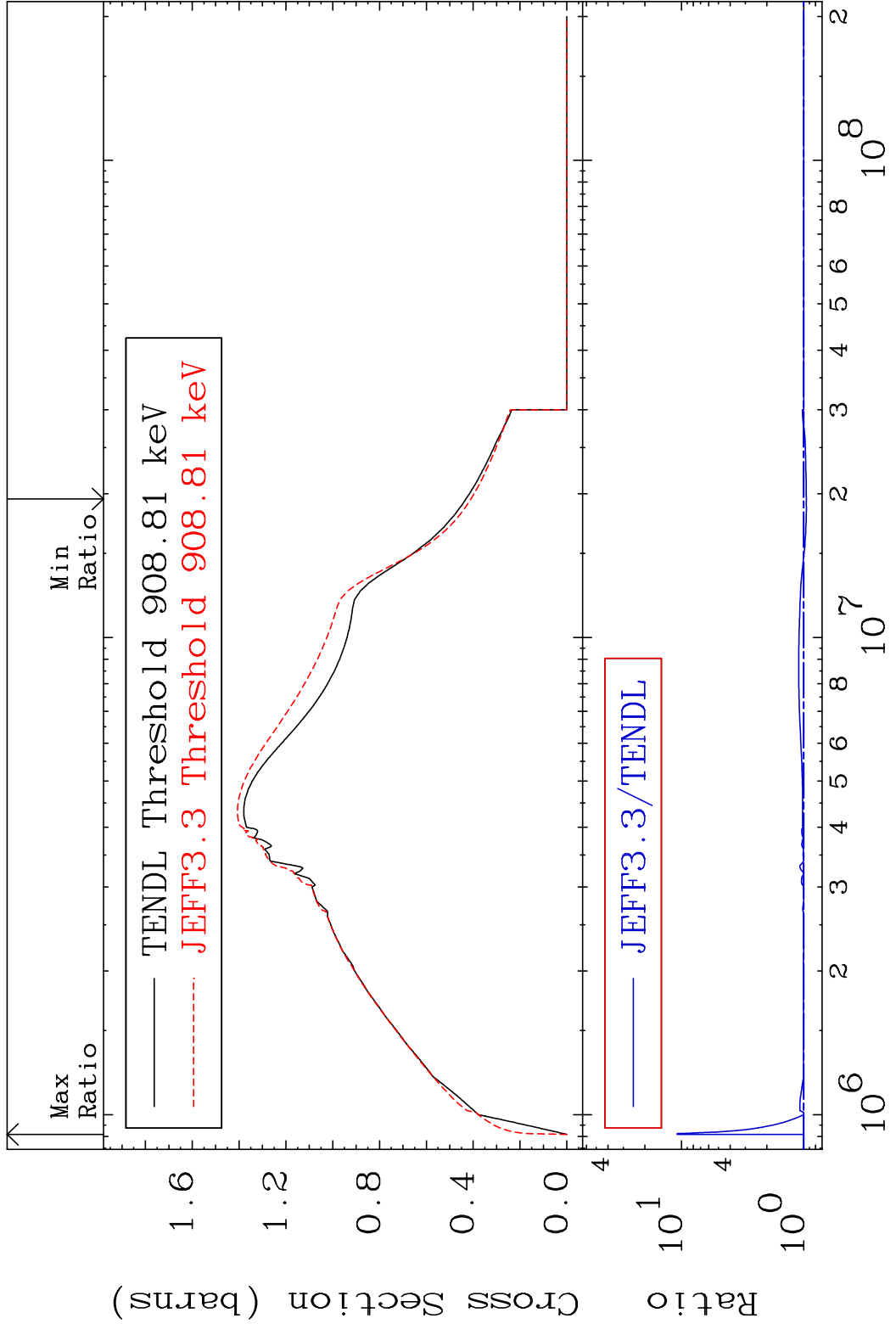


2

Incident Energy (eV)

22-Ti-46

MAT 2225 Inelastic 22-Ti-46
 Cross Section -4.945 To 985.9 %



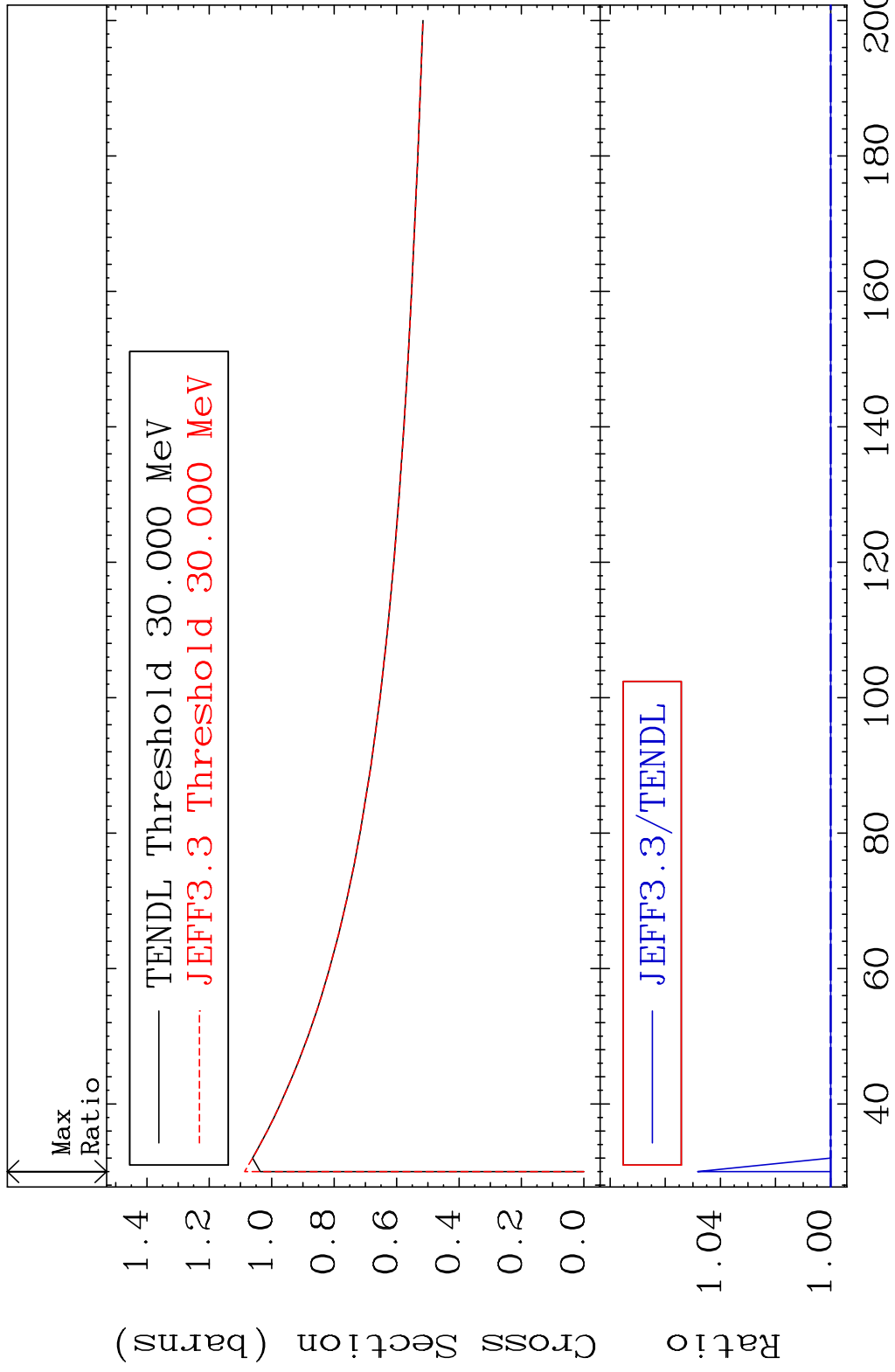
3 Incident Energy (eV) 22-Ti-46

MAT 2225

(n, remainder)

²²Ti-46

Cross Section 0.000 To 4.830 %



4

Incident Energy (MeV)

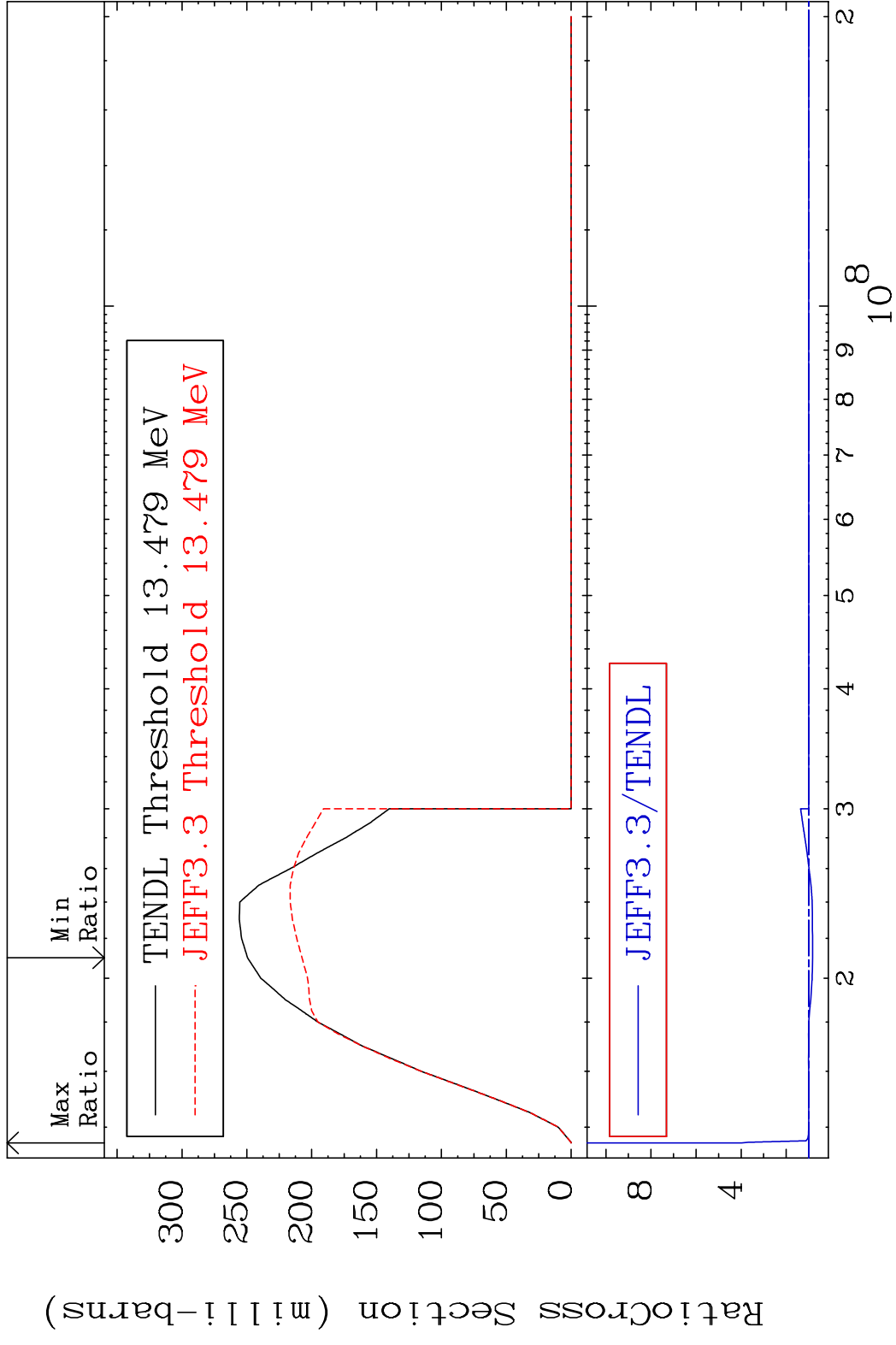
²²Ti-46

MAT 2225

(n,2n)

22-Ti-46

Cross Section -16.84 To 560.8 %



5

Incident Energy (eV)

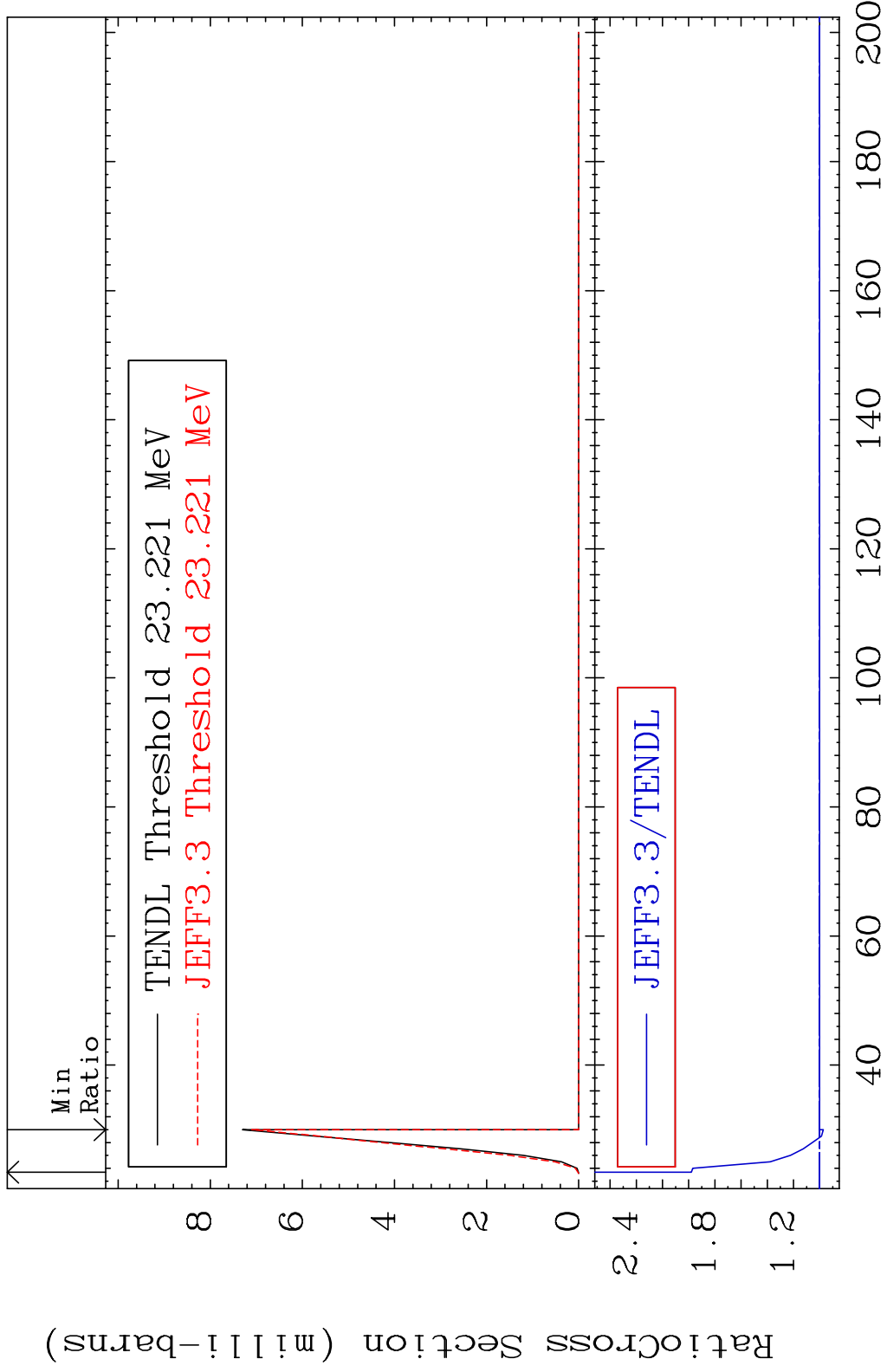
22-Ti-46

MAT 2225

(n,3n)

22-Ti-46

Cross Section -2.727 To 97.98 %

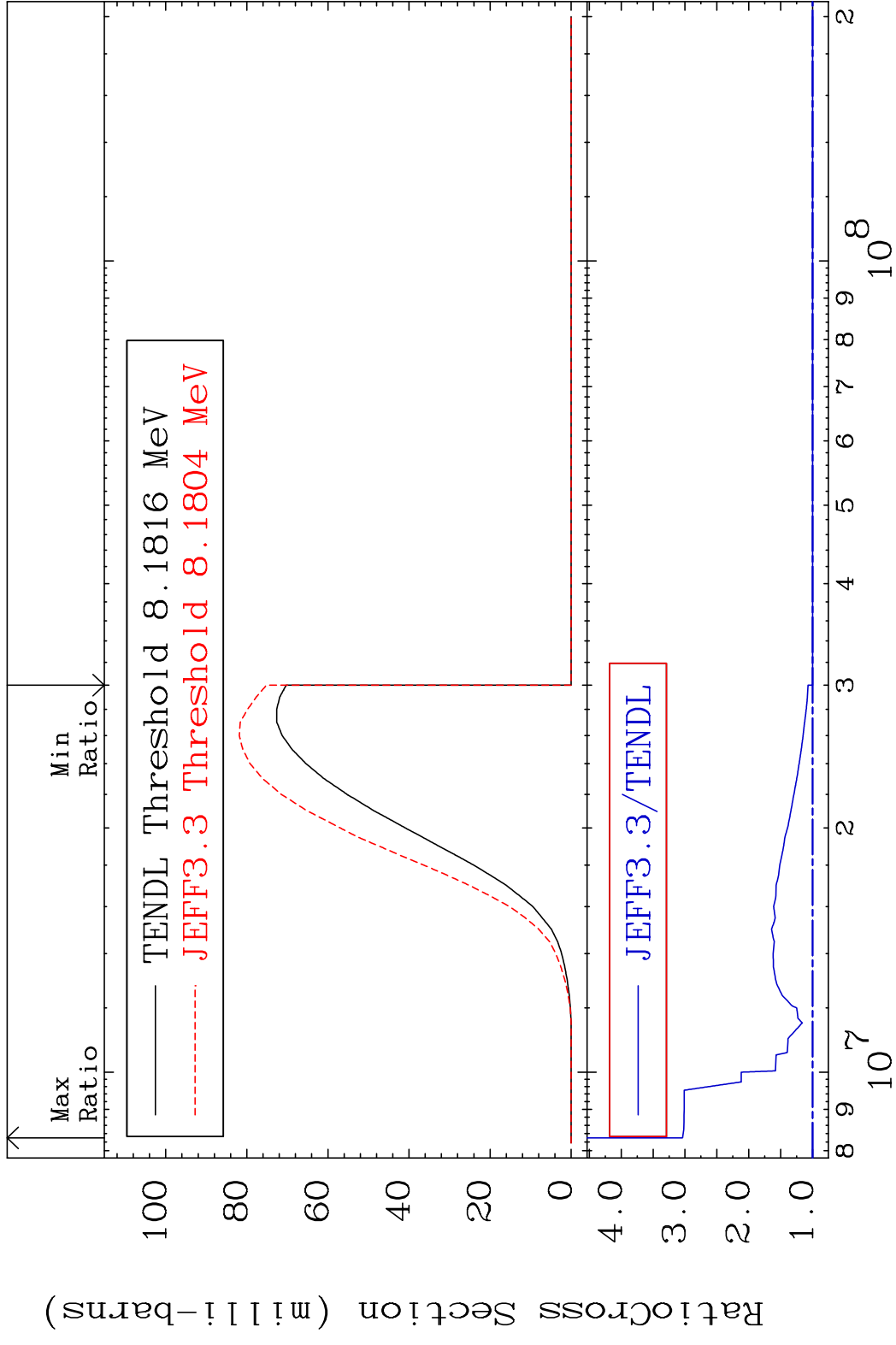


6

Incident Energy (MeV)

22-Ti-46

MAT 2225 $(n, n') \alpha$ $^{22}\text{Ti}-46$
 Cross Section 0.000 To 204.2 %



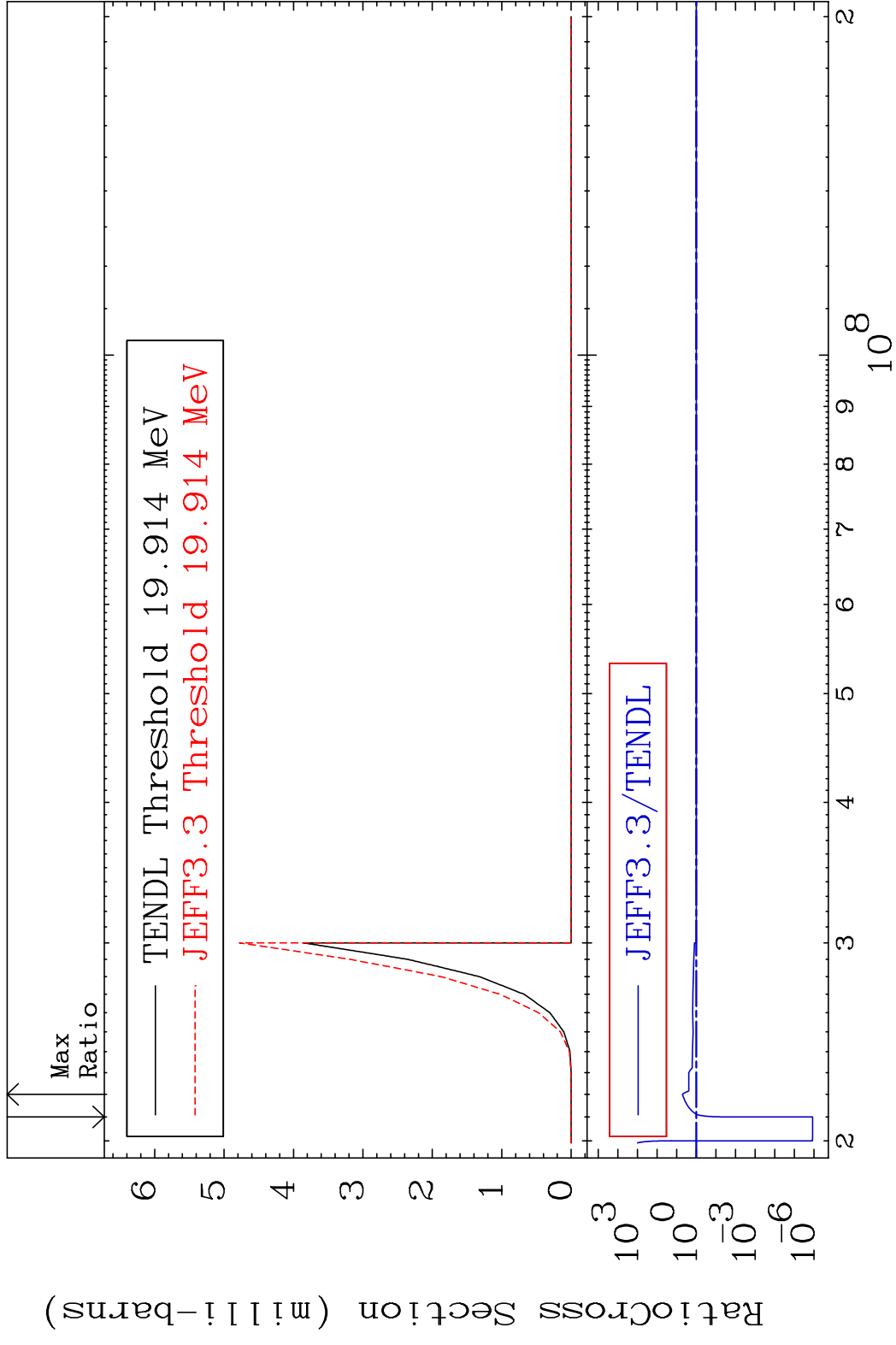
7 $^{22}\text{Ti}-46$

MAT 2225

(n,2n) α

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

Cross Section -100.0 To 413.8 %



8

Incident Energy (eV)

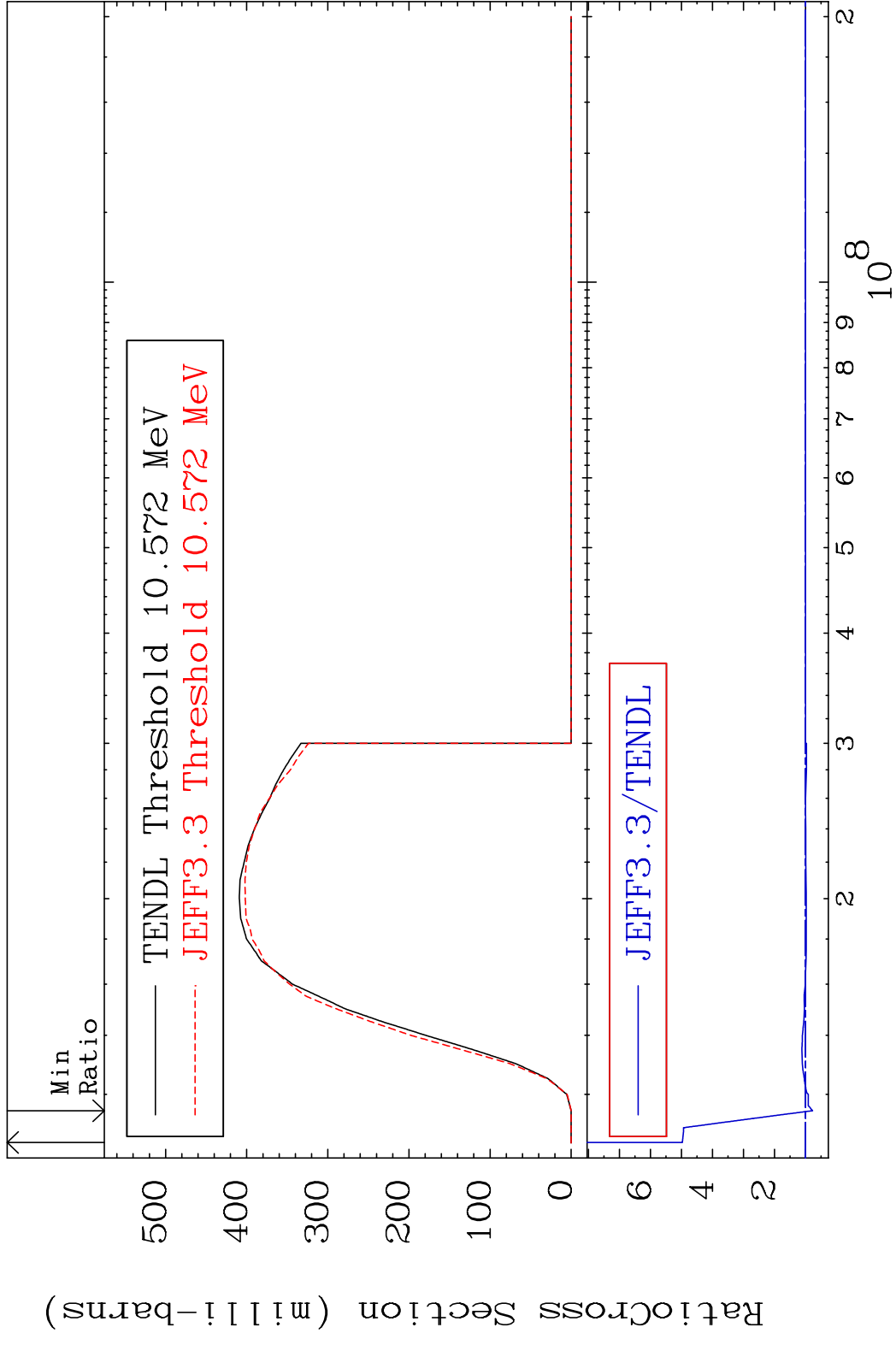
$^{22}\text{Ti}-46$

MAT 2225

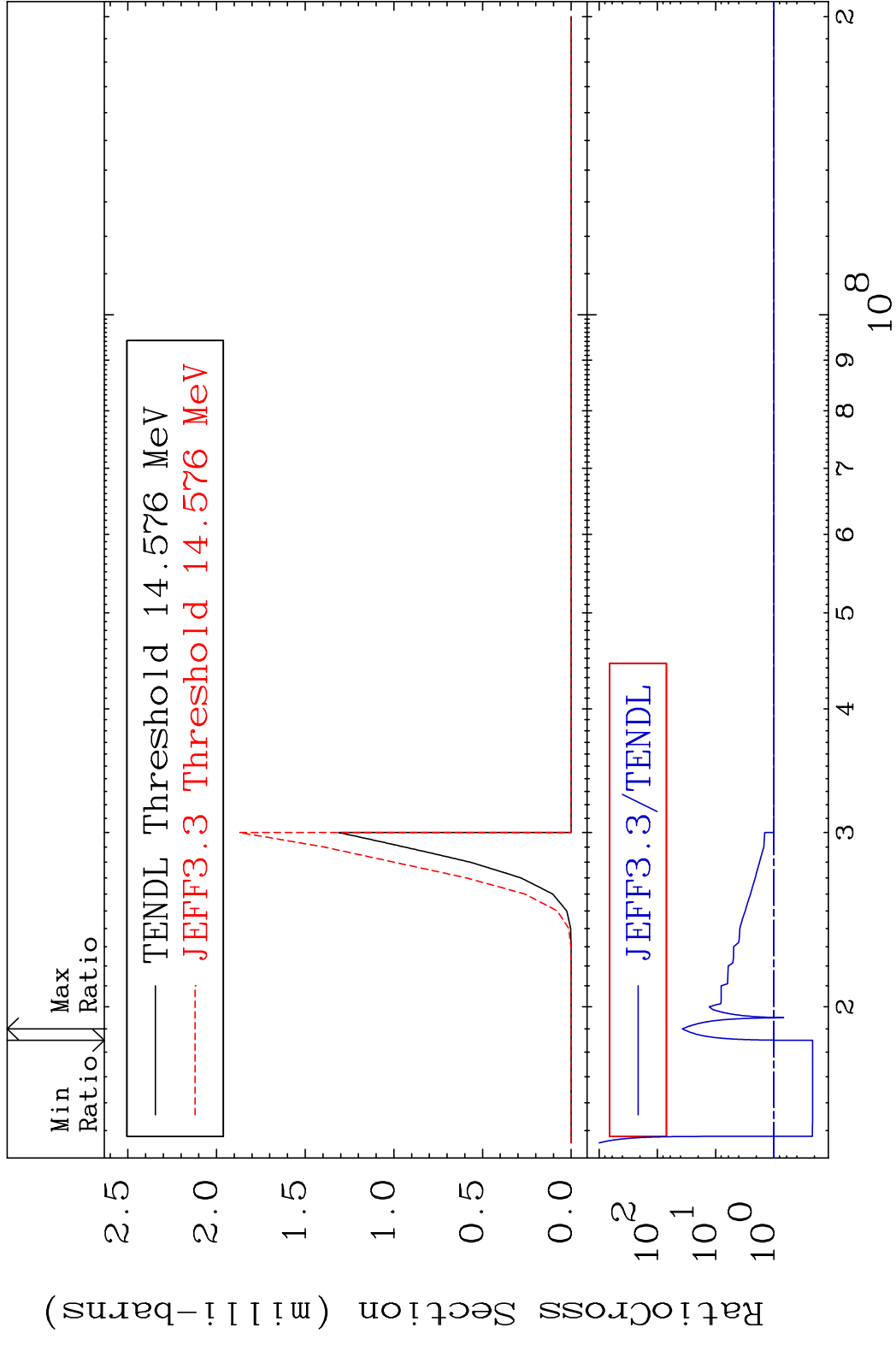
(n, n') p

²²Ti-46

Cross Section -22.30 To 397.1 %



MAT 2225 (n, n') 2α 22-Ti-46
 Cross Section -78.42 To 3626. %



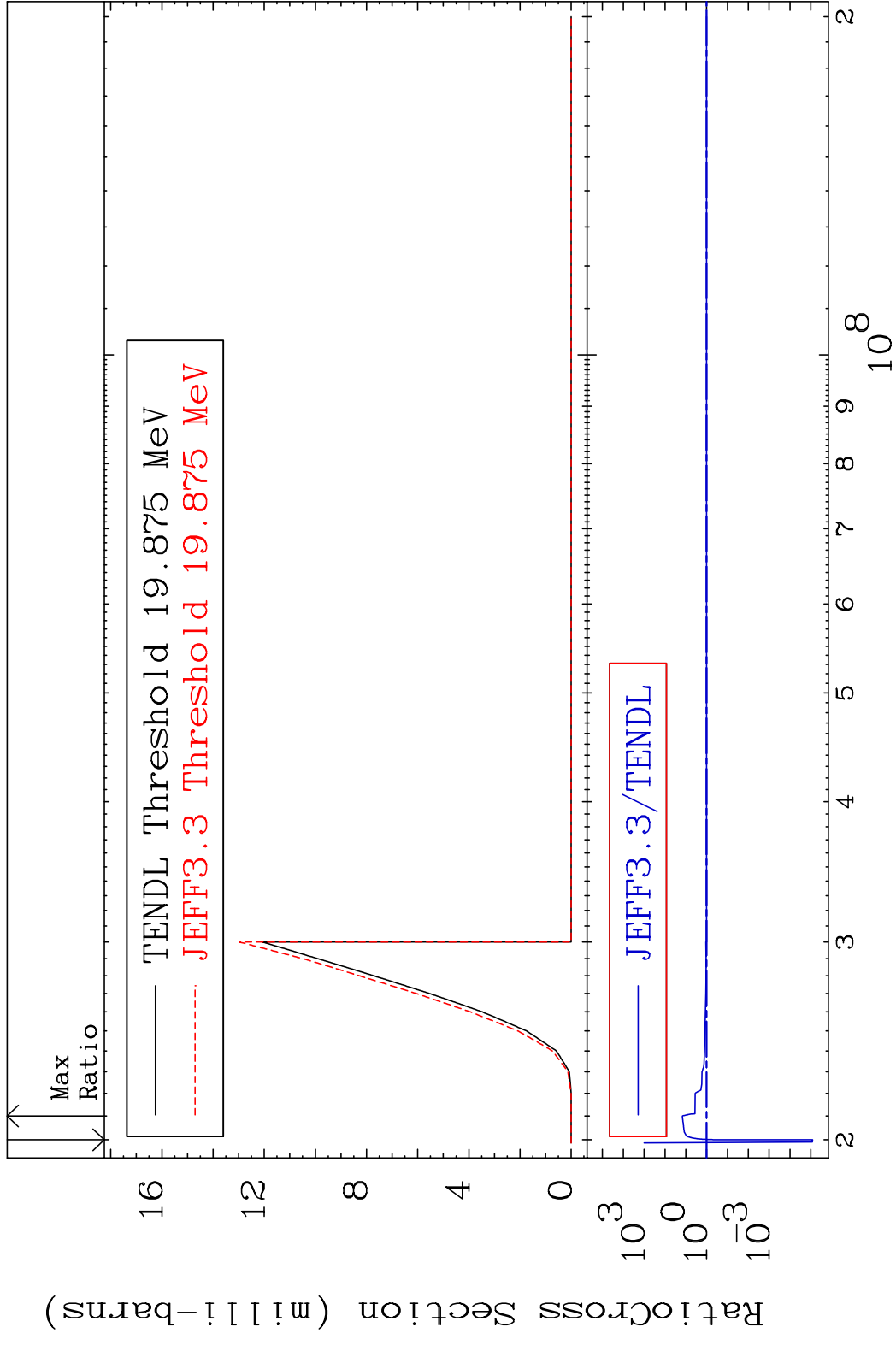
10 Incident Energy (eV) 22-Ti-46

MAT 2225

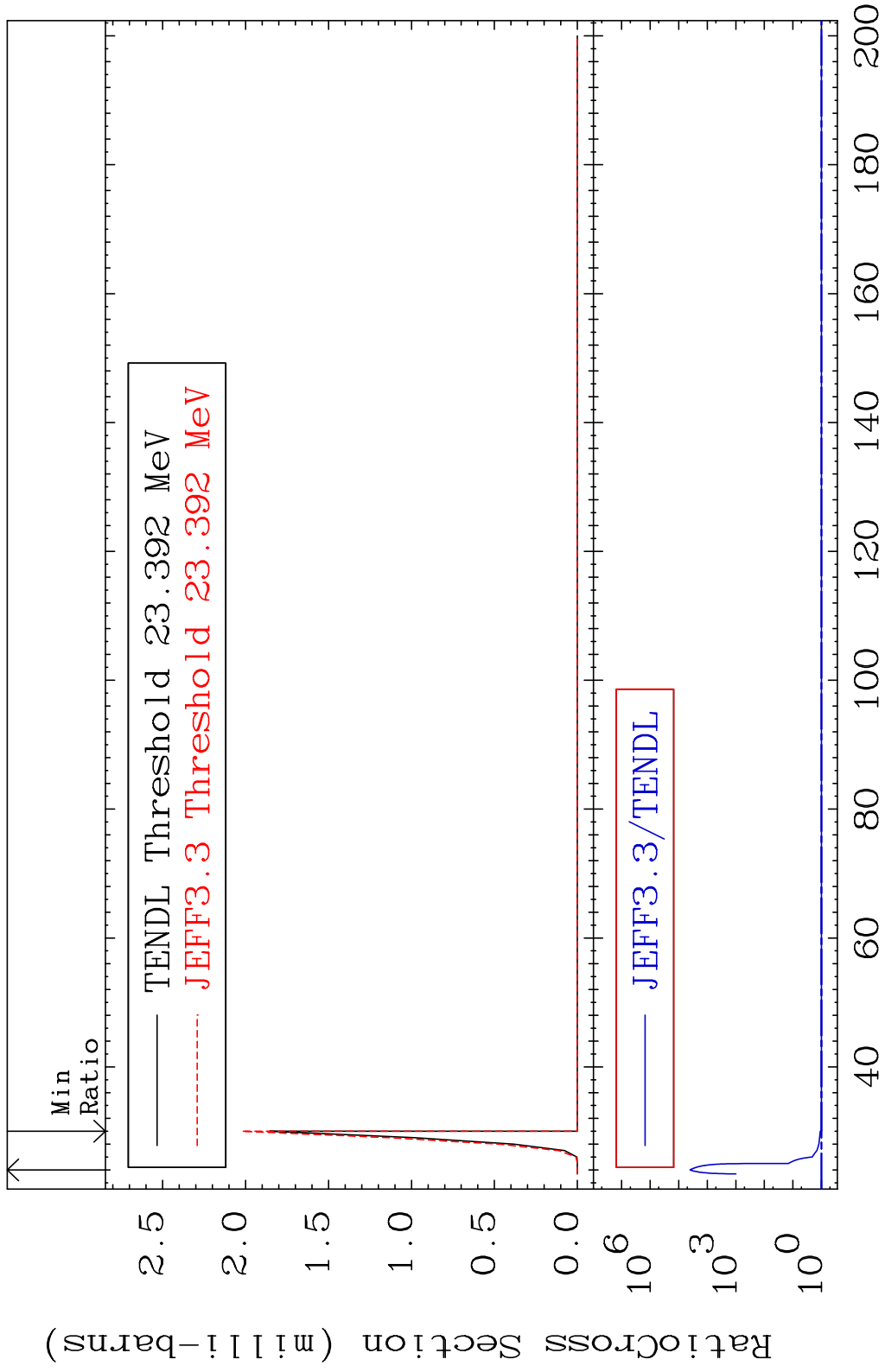
(n, n') d

22-Ti-46

Cross Section -100.0 To 1362. %



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

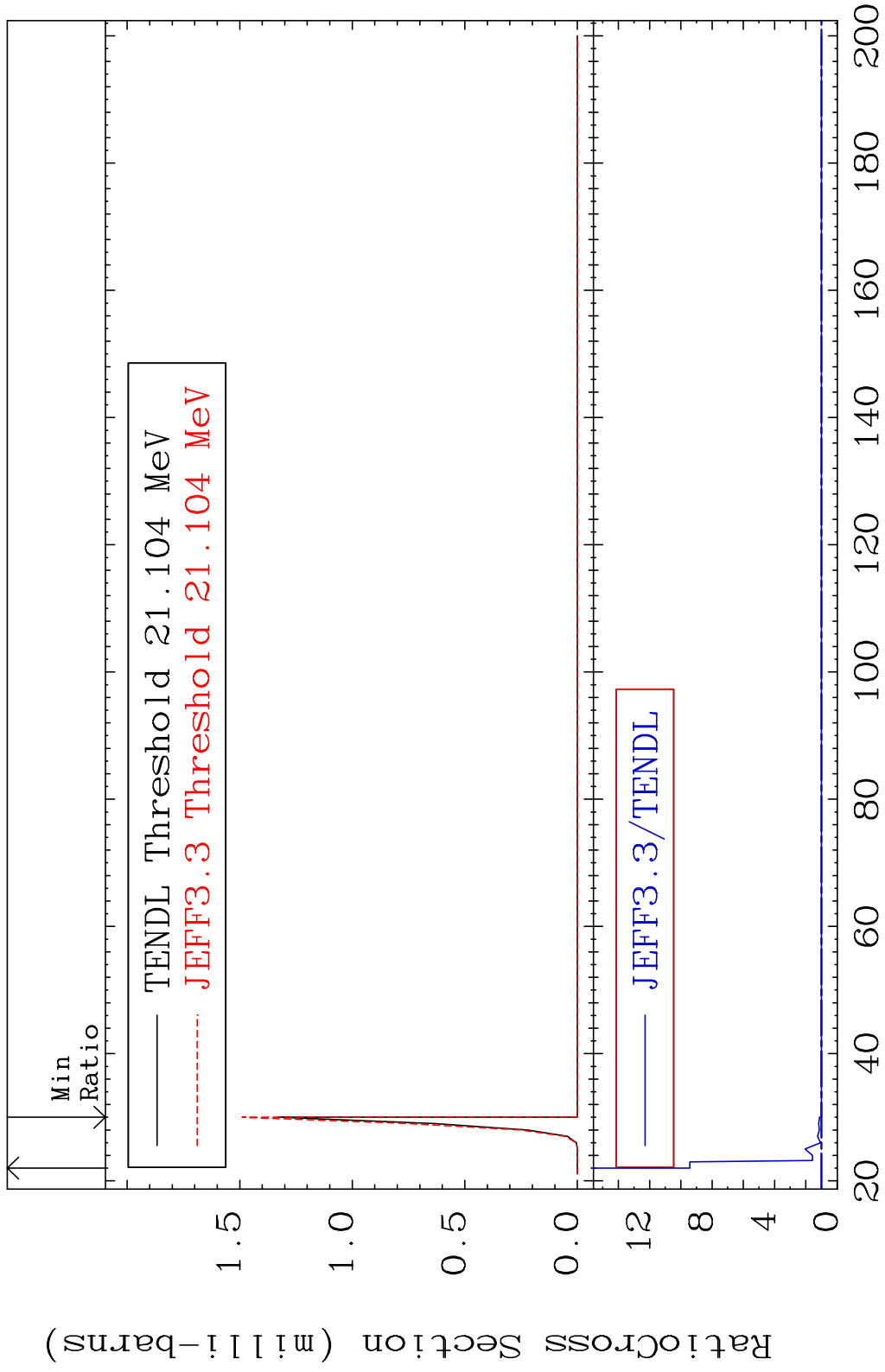


MAT 2225

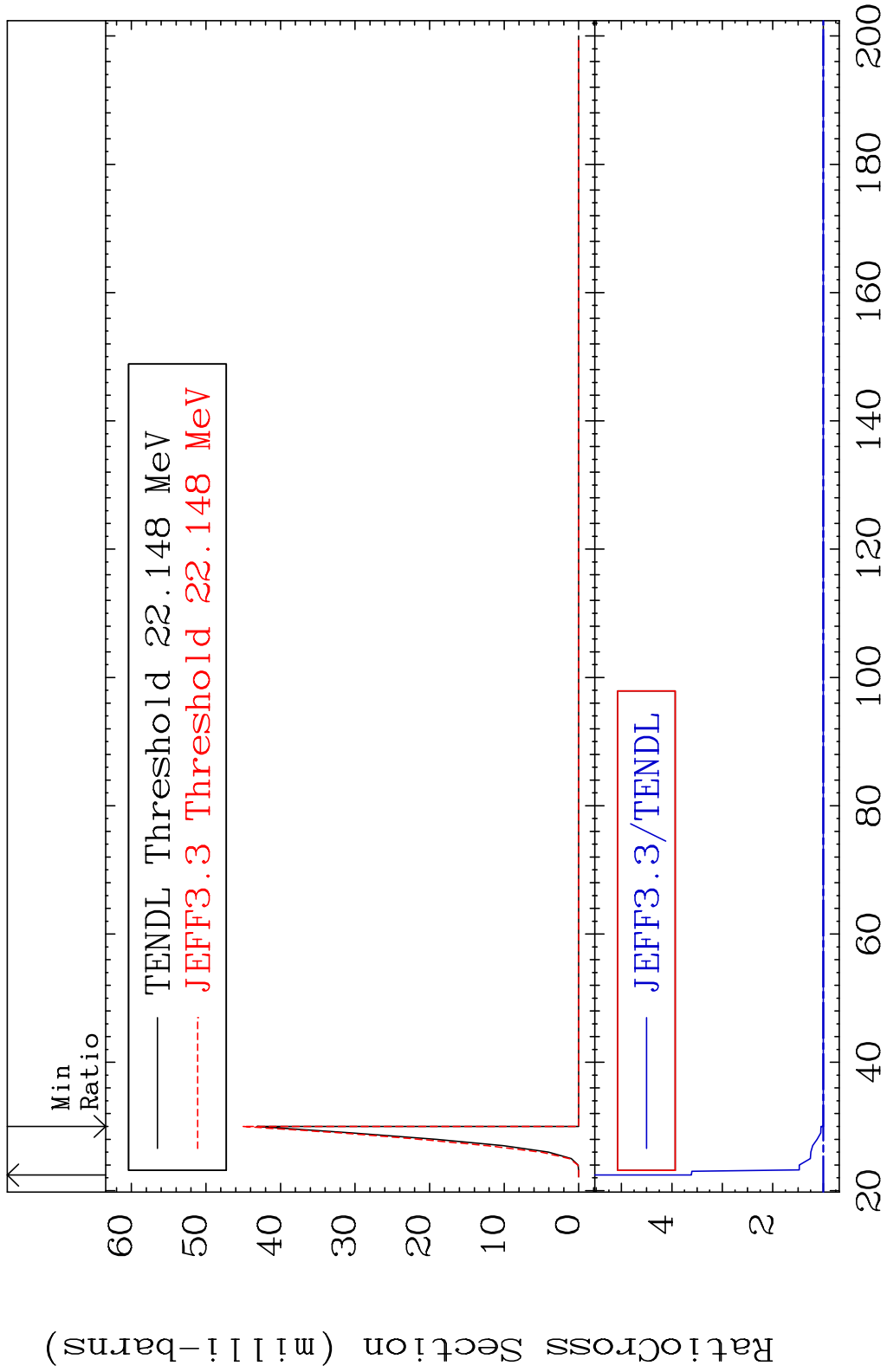
(n,n') He-3

²²Ti-46

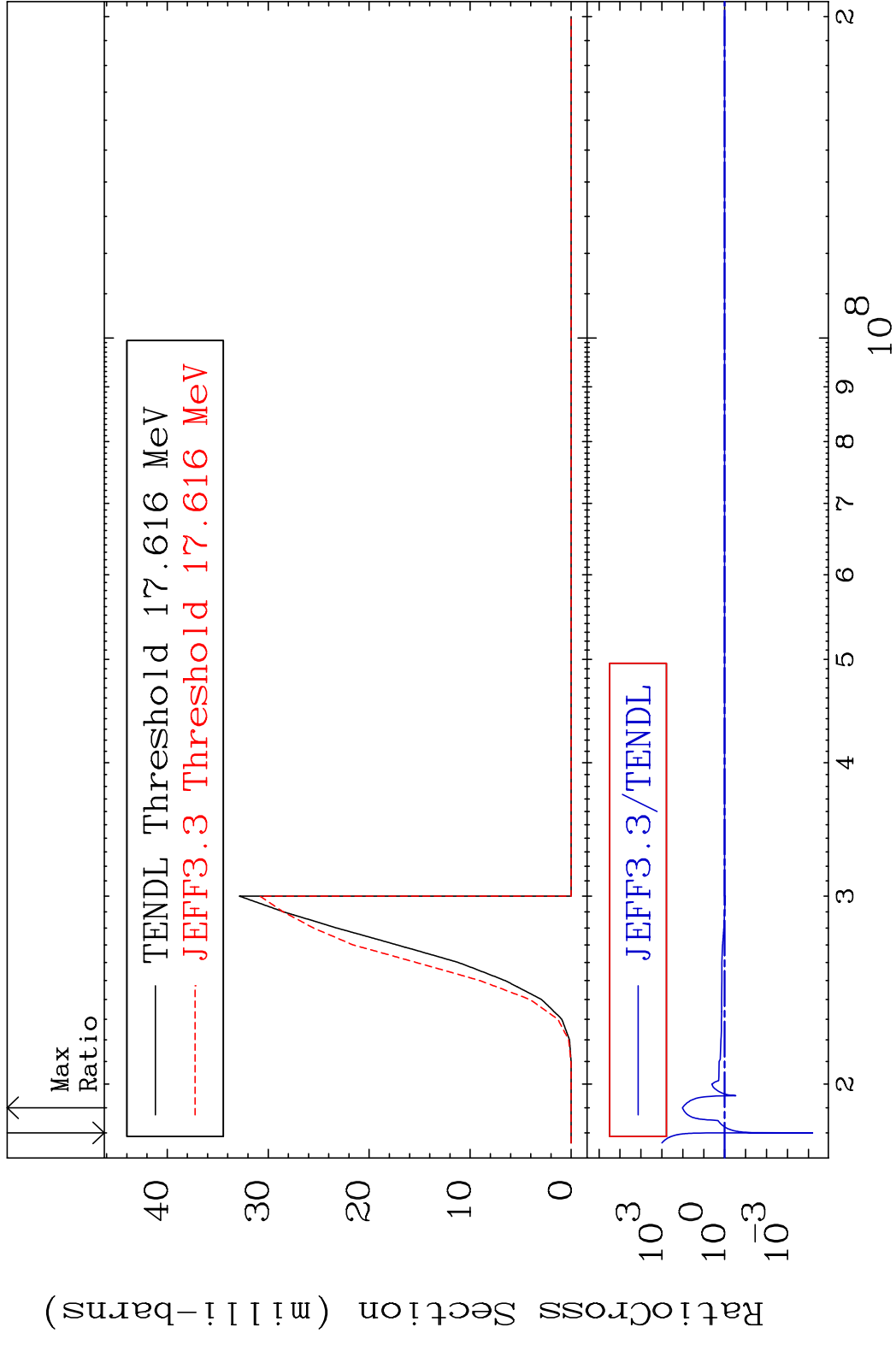
Cross Section 0.000 To 842.9 %



MAT 2225 (n,2n) p 22-Ti-46
 Cross Section 0.000 To 261.5 %



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

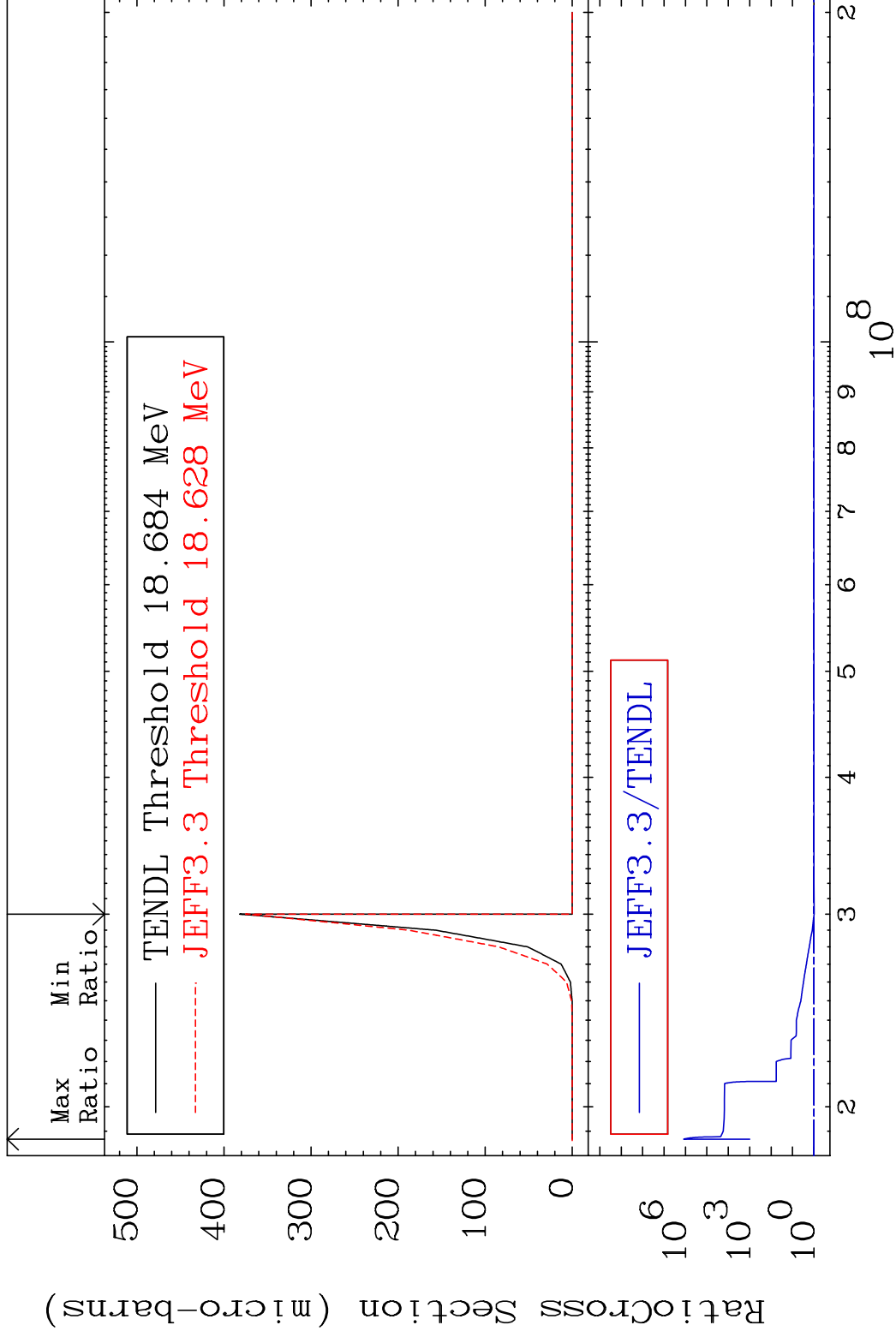


MAT 2225

(n,n') p α

22-Ti-46

Cross Section -1.756 To 9999. %

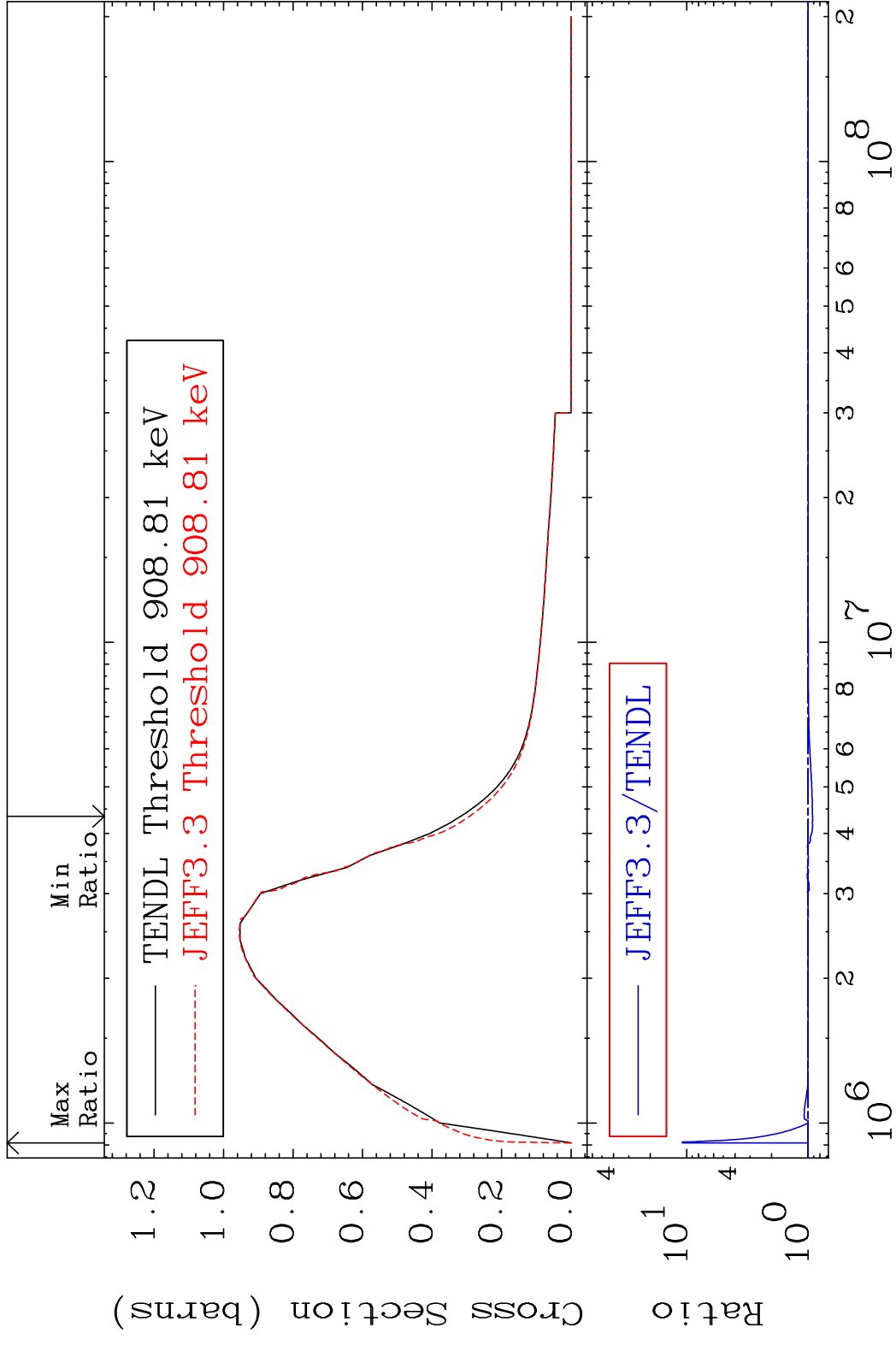


16

Incident Energy (eV)

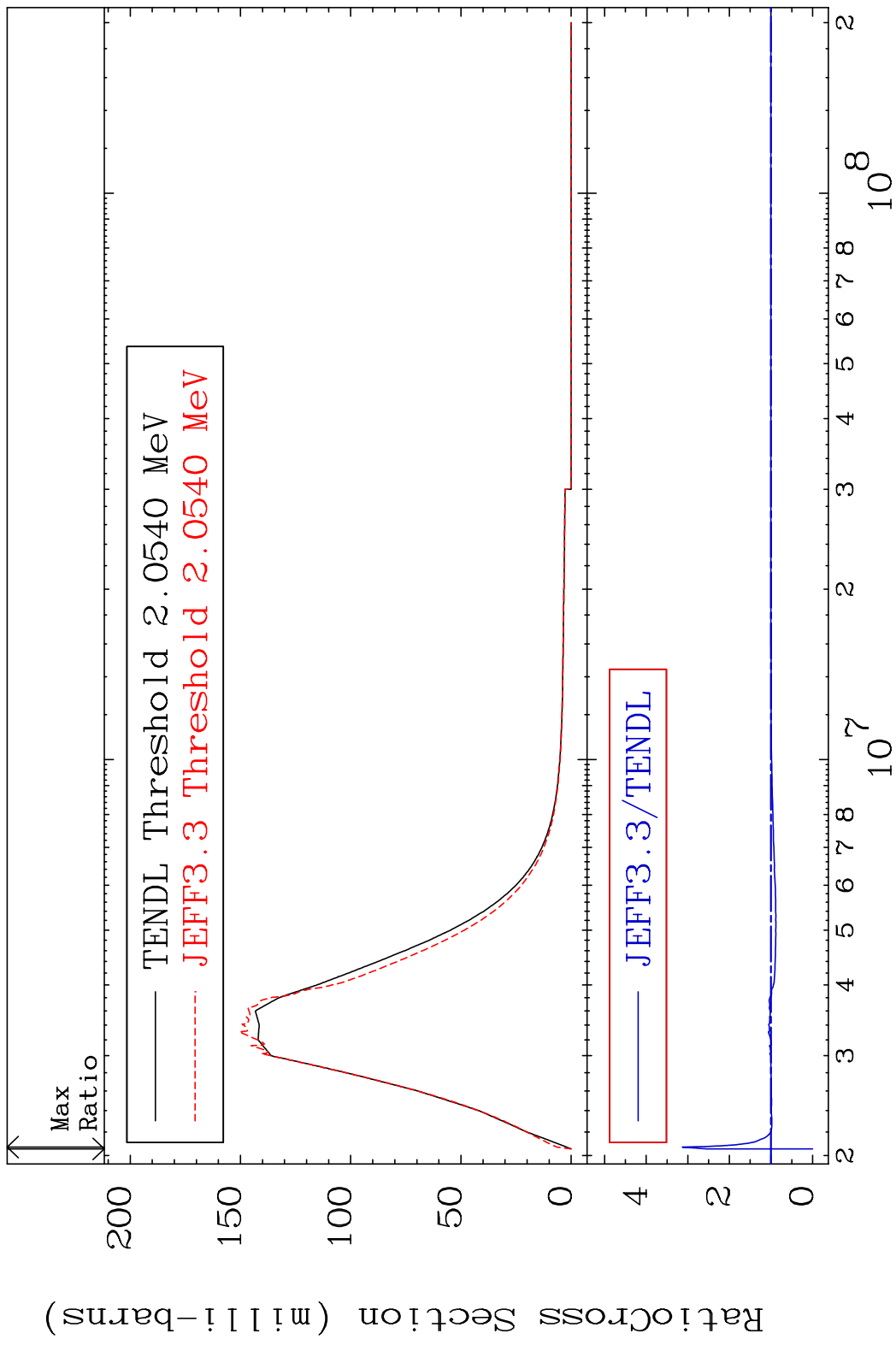
22-Ti-46

MAT 2225 MT= 51 (n,n') Level 22-Ti-46
 Cross Section -8.038 To 985.9 %



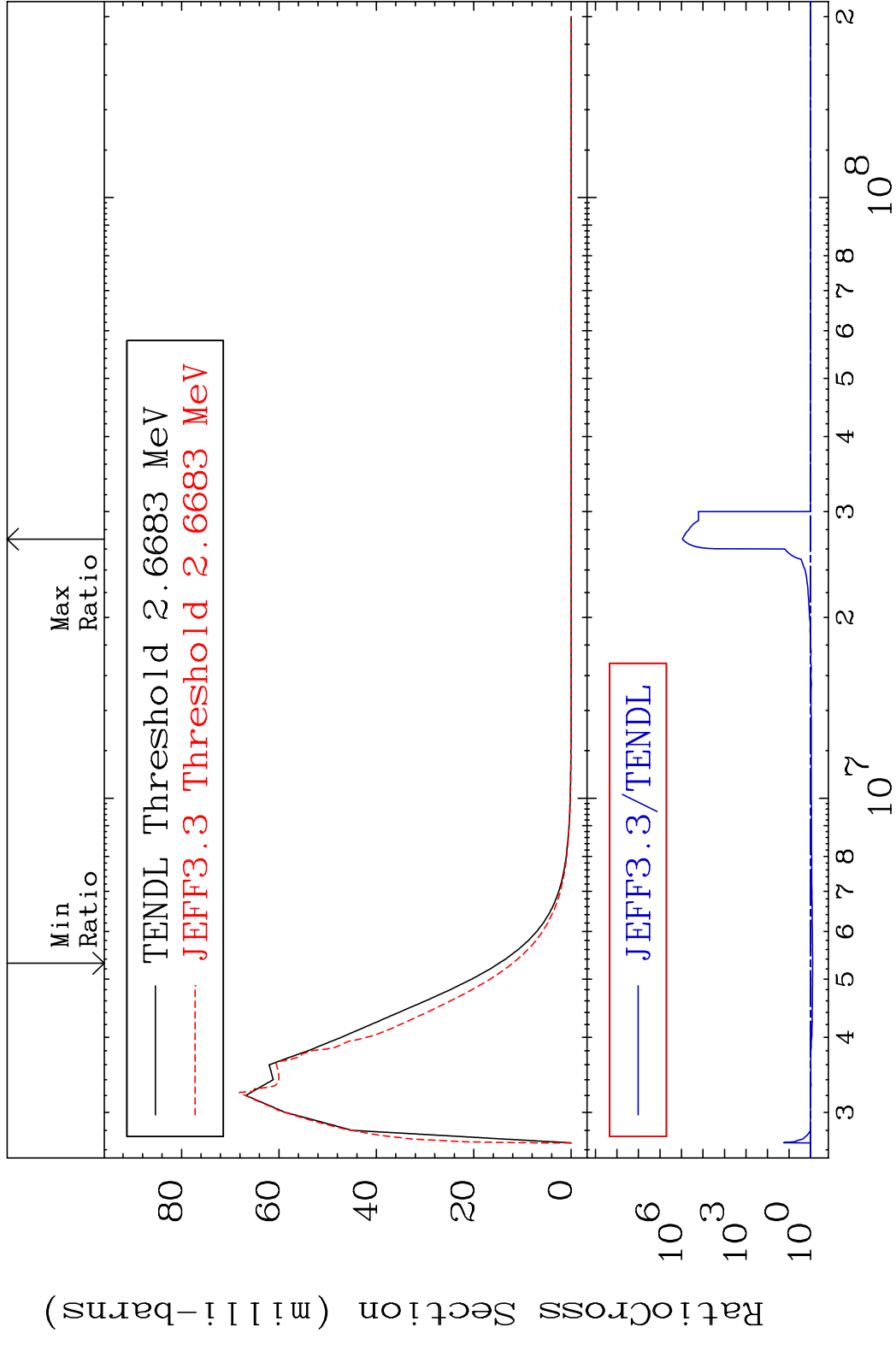
17 Incident Energy (eV) 22-Ti-46

MAT 2225 MT= 52 (n, n') Level 22-Ti-46
 Cross Section -100.0 To 213.1 %

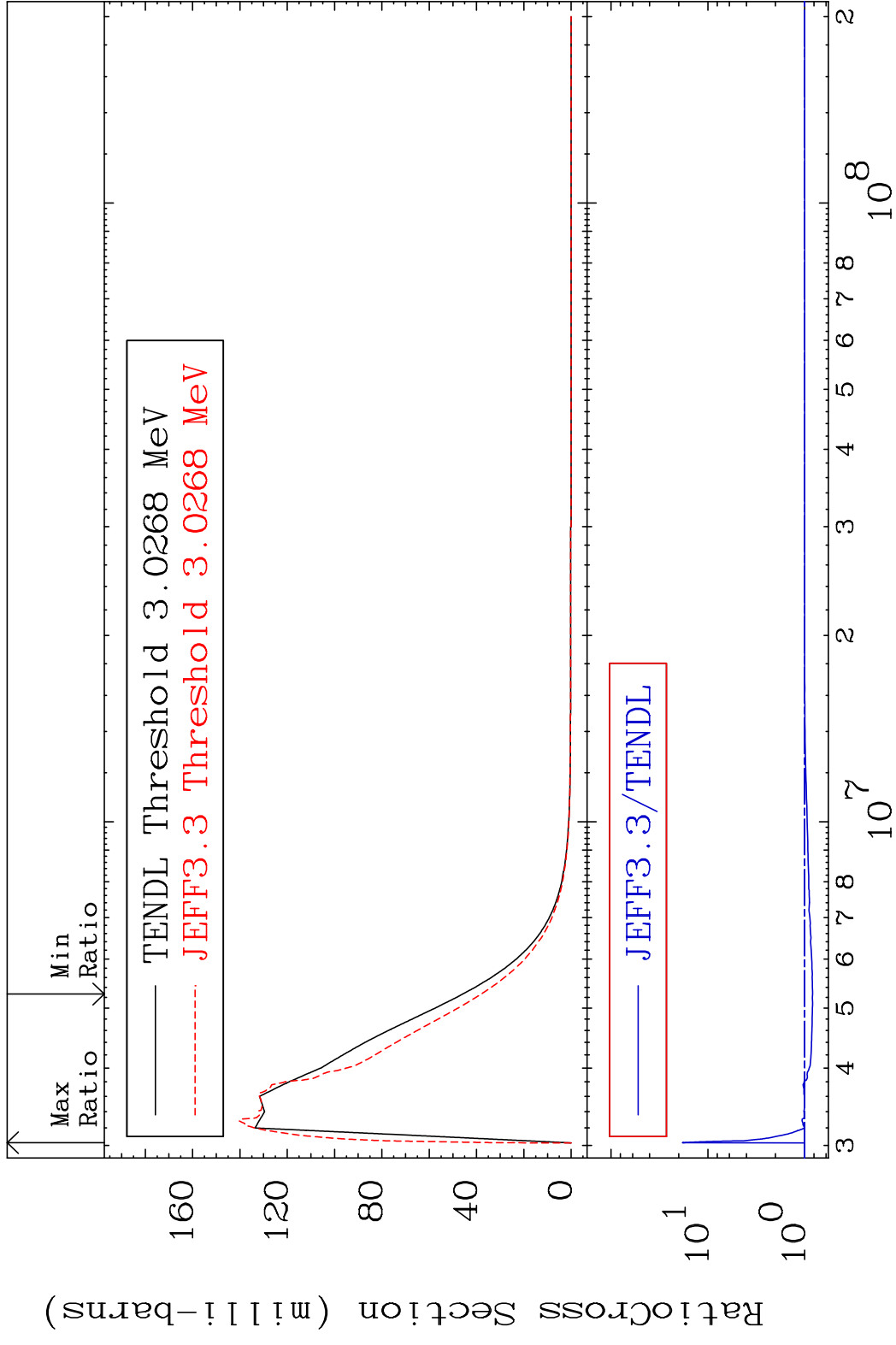


18 Incident Energy (eV) 22-Ti-46

MAT 2225 MT= 53 (n, n') Level 22-Ti-46
 Cross Section -19.01 To 9999. %

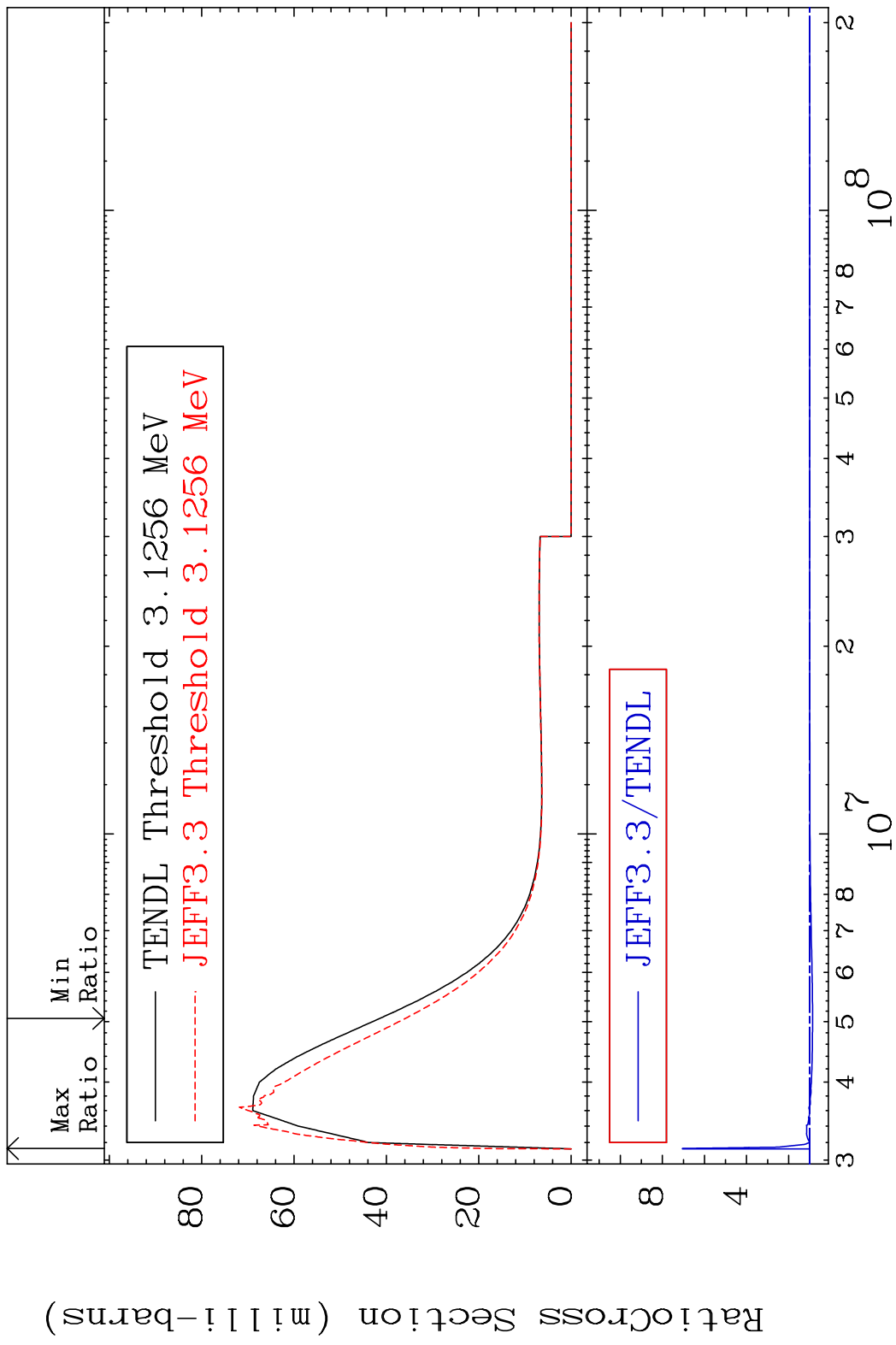


MAT 2225 MT= 54 (n,n') Level 22-Ti-46
 Cross Section -17.09 To 1735. %

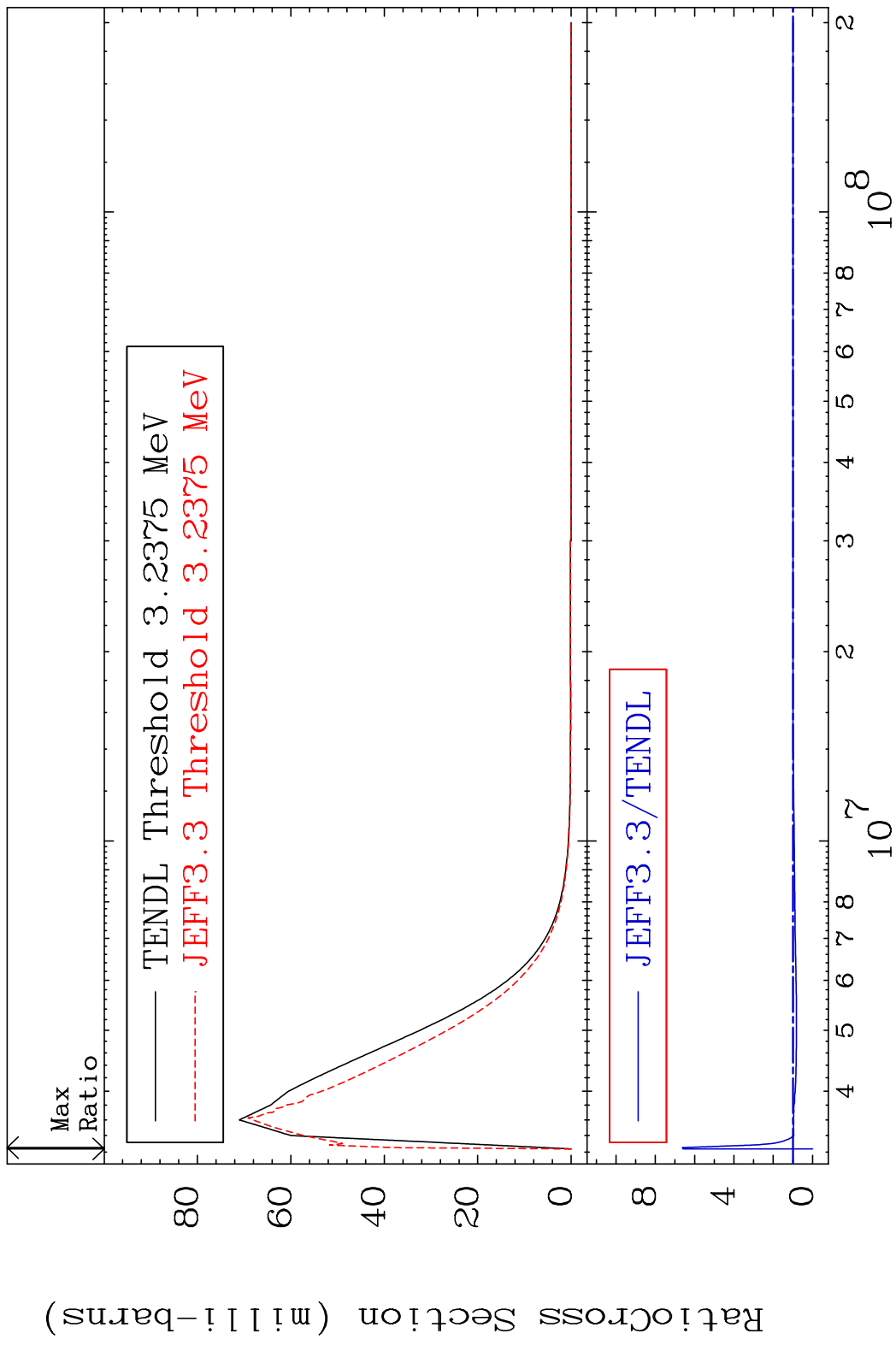


20 Incident Energy (eV) 22-Ti-46

MAT 2225 MT= 55 (n,n') Level 22-Ti-46
 Cross Section -13.34 To 605.0 %

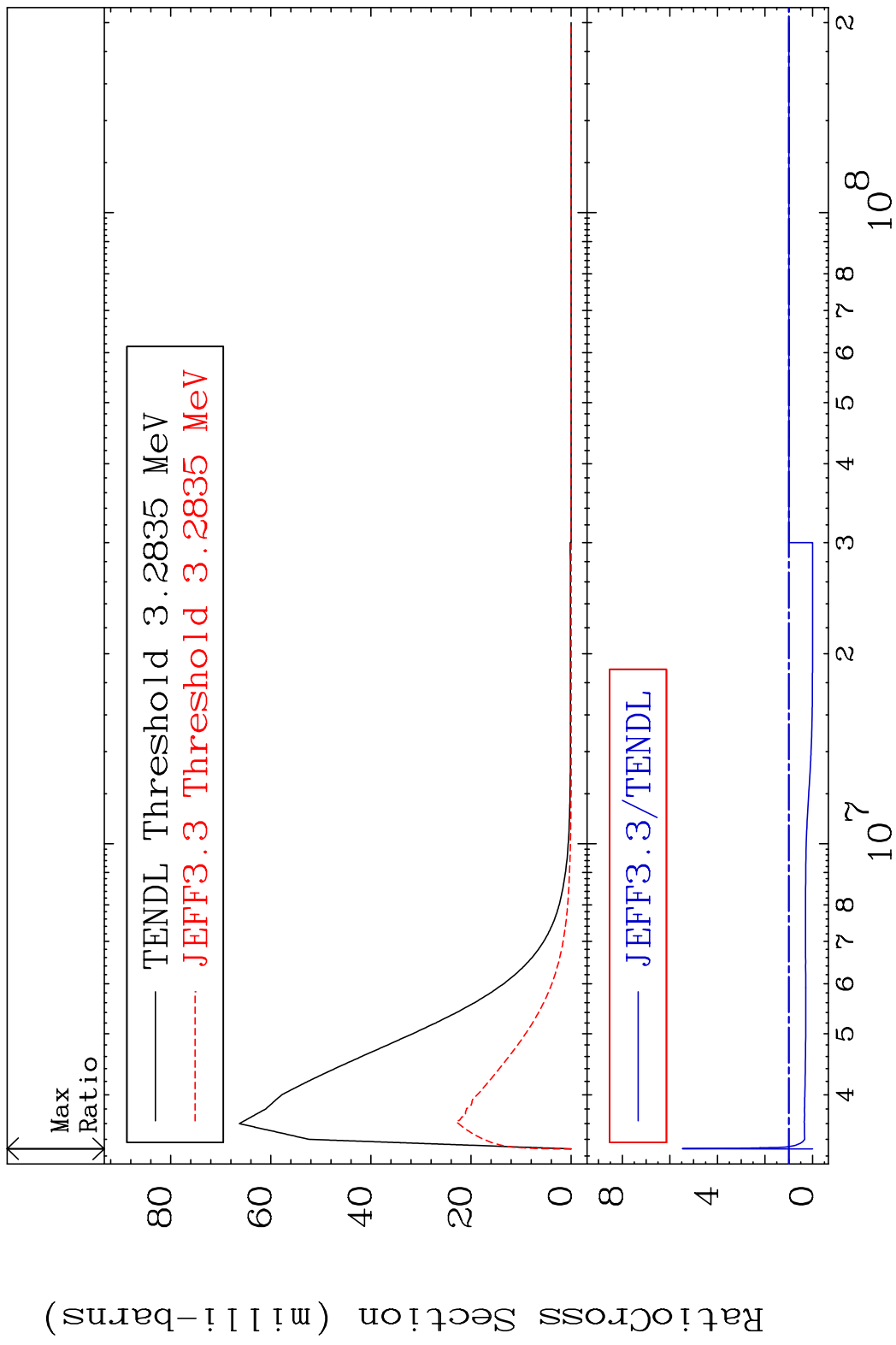


MAT 2225 MT= 56 (n,n') Level 22-Ti-46
 Cross Section -100.0 To 562.3 %

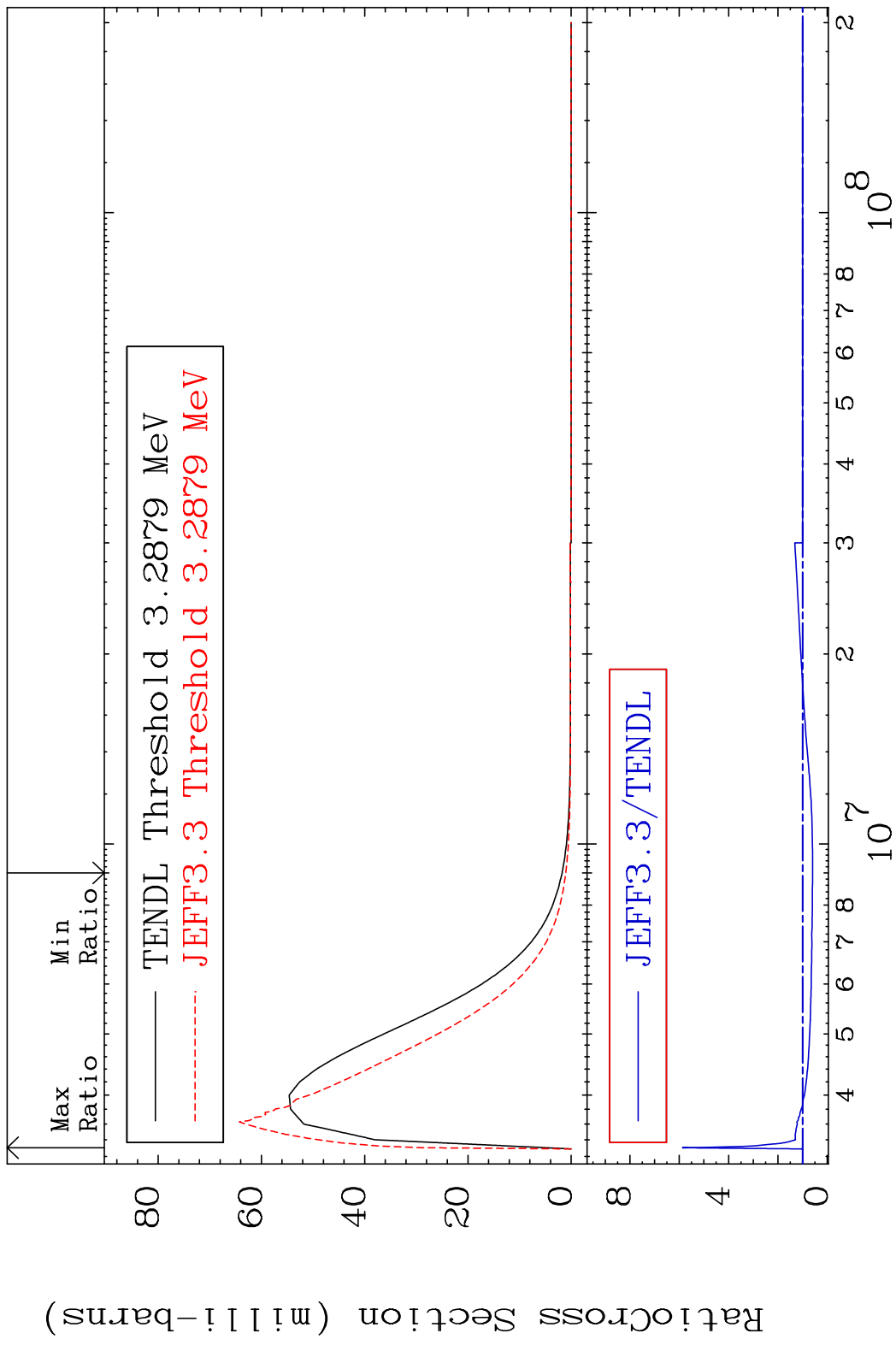


22 22-Ti-46

MAT 2225 MT= 57 (n,n') Level 22-Ti-46
 Cross Section -100.0 To 447.5 %

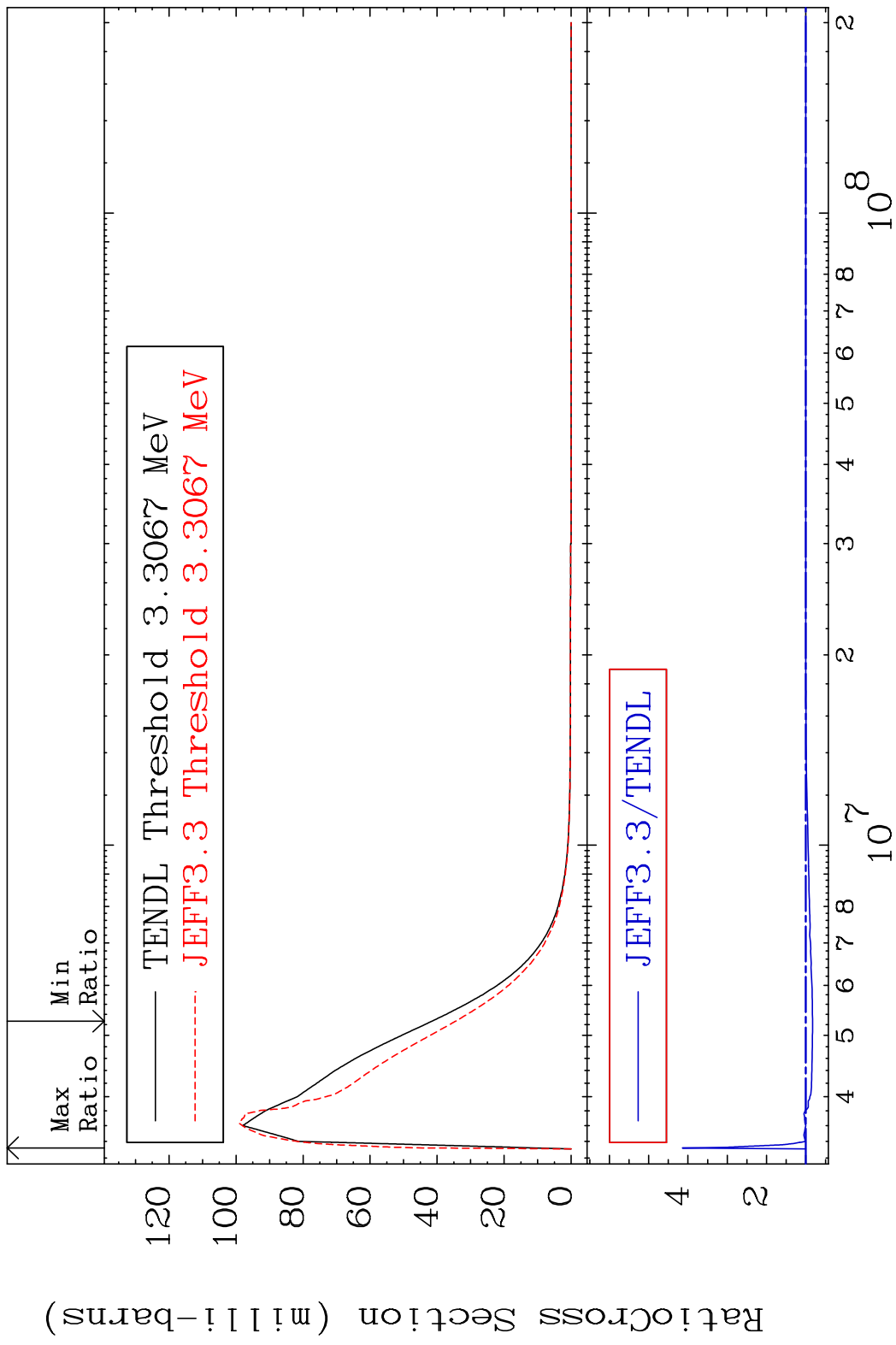


MAT 2225 MT= 58 (n, n') Level 22-Ti-46
 Cross Section -40.38 To 487.4 %



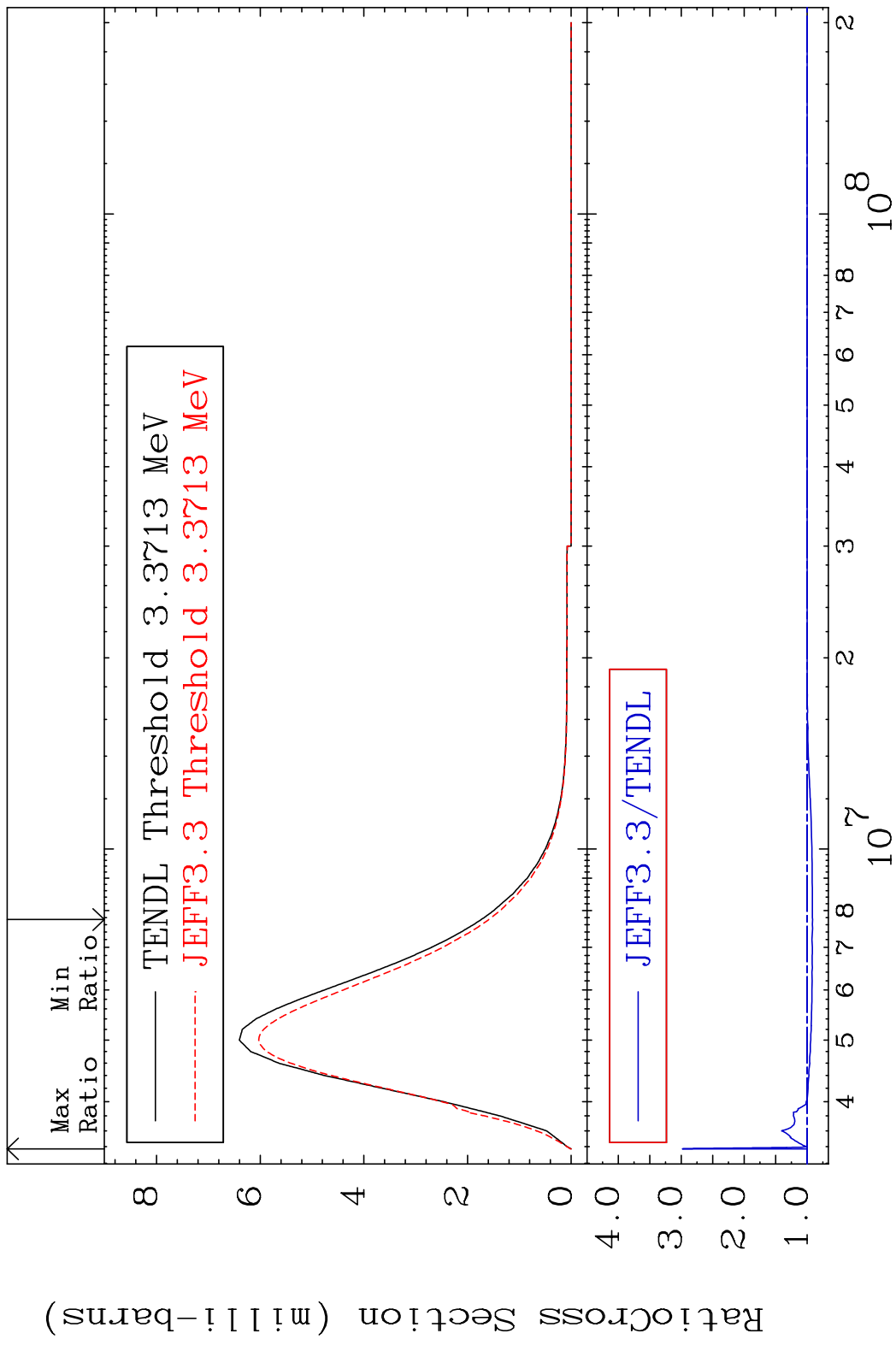
24 Incident Energy (eV) 22-Ti-46

MAT 2225 MT= 59 (n,n') Level 22-Ti-46
 Cross Section -17.04 To 314.3 %

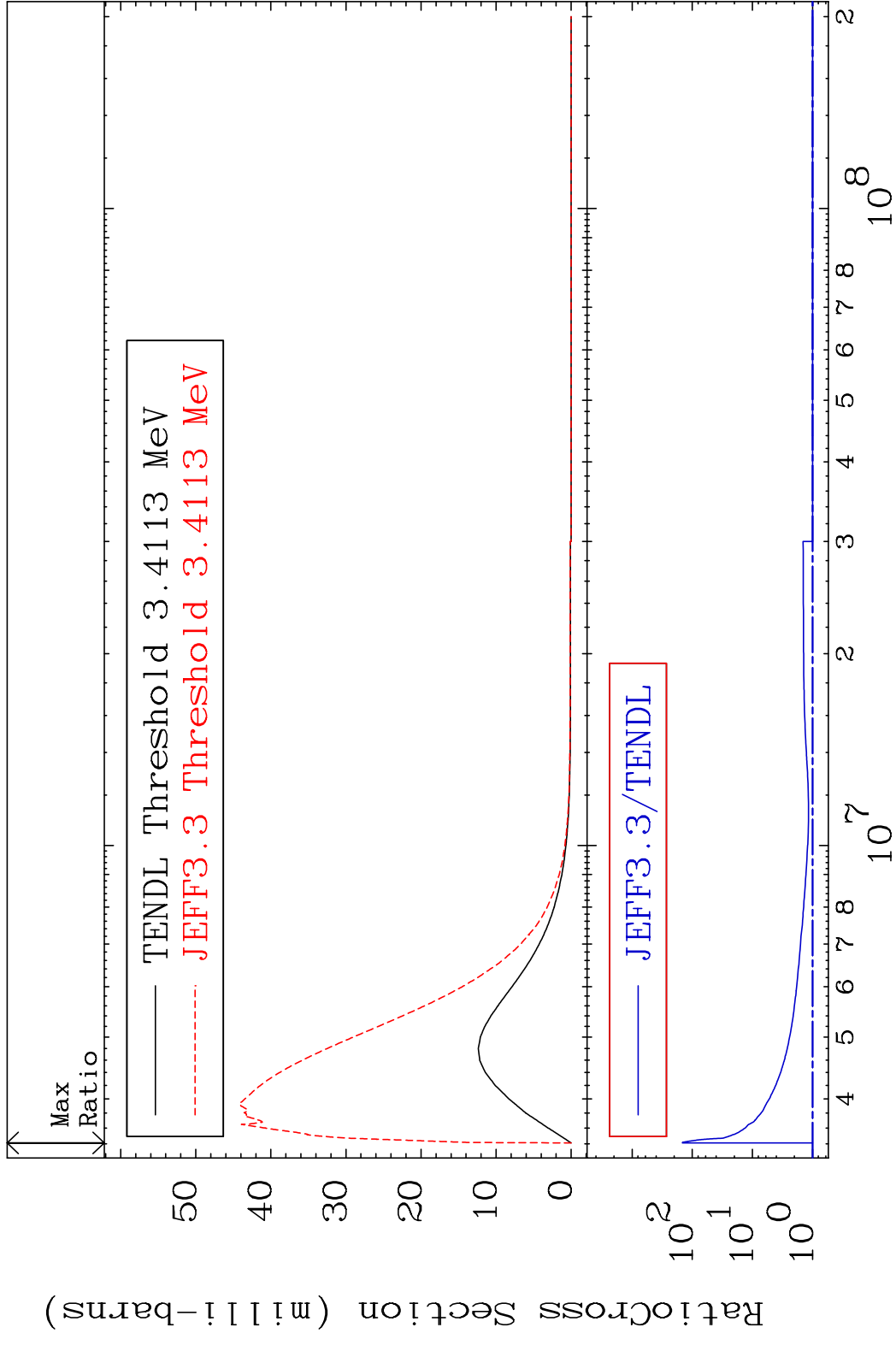


25 22-Ti-46

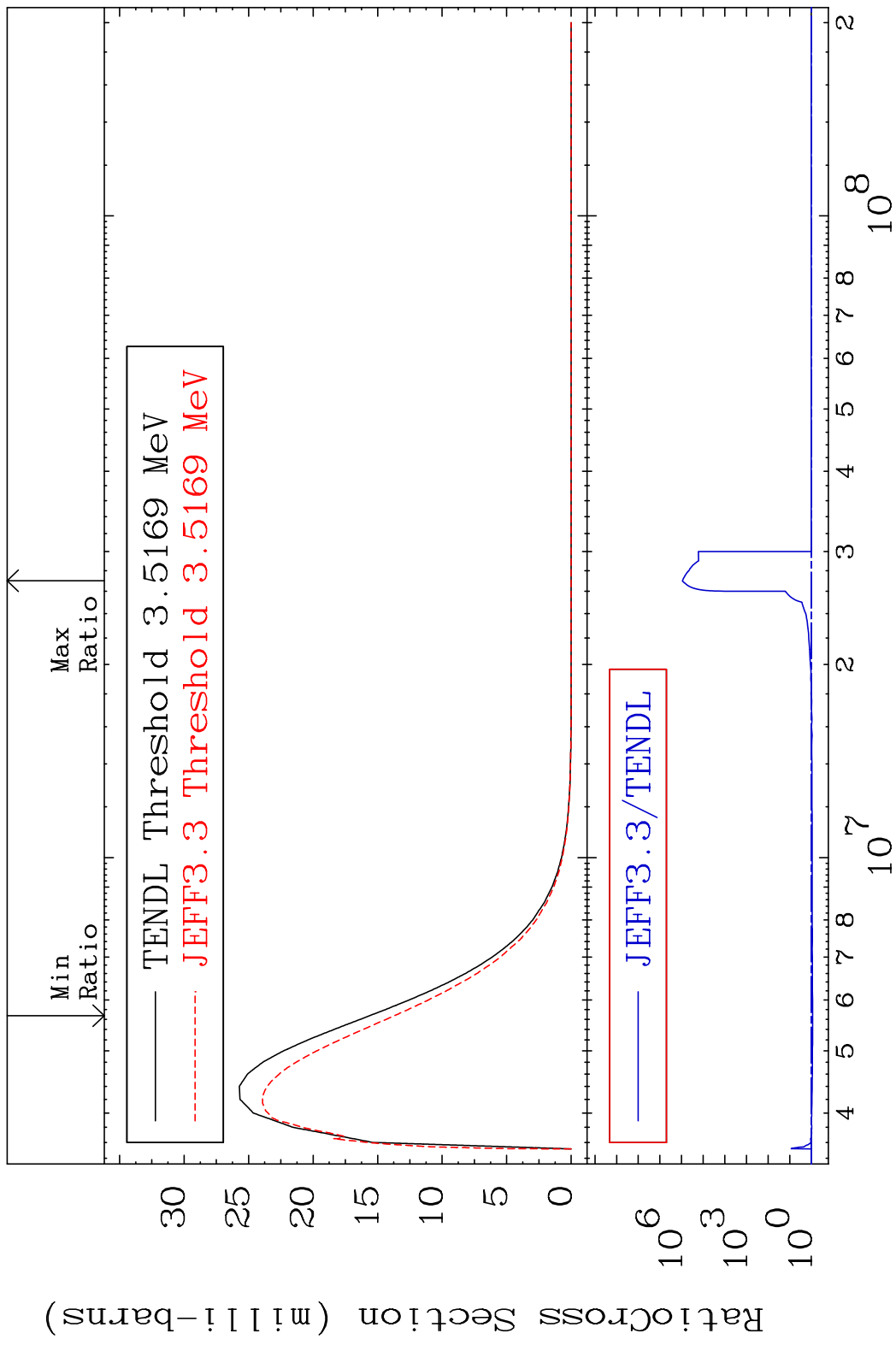
MAT 2225 MT= 60 (n,n') Level 22-Ti-46
 Cross Section -8.518 To 198.3 %



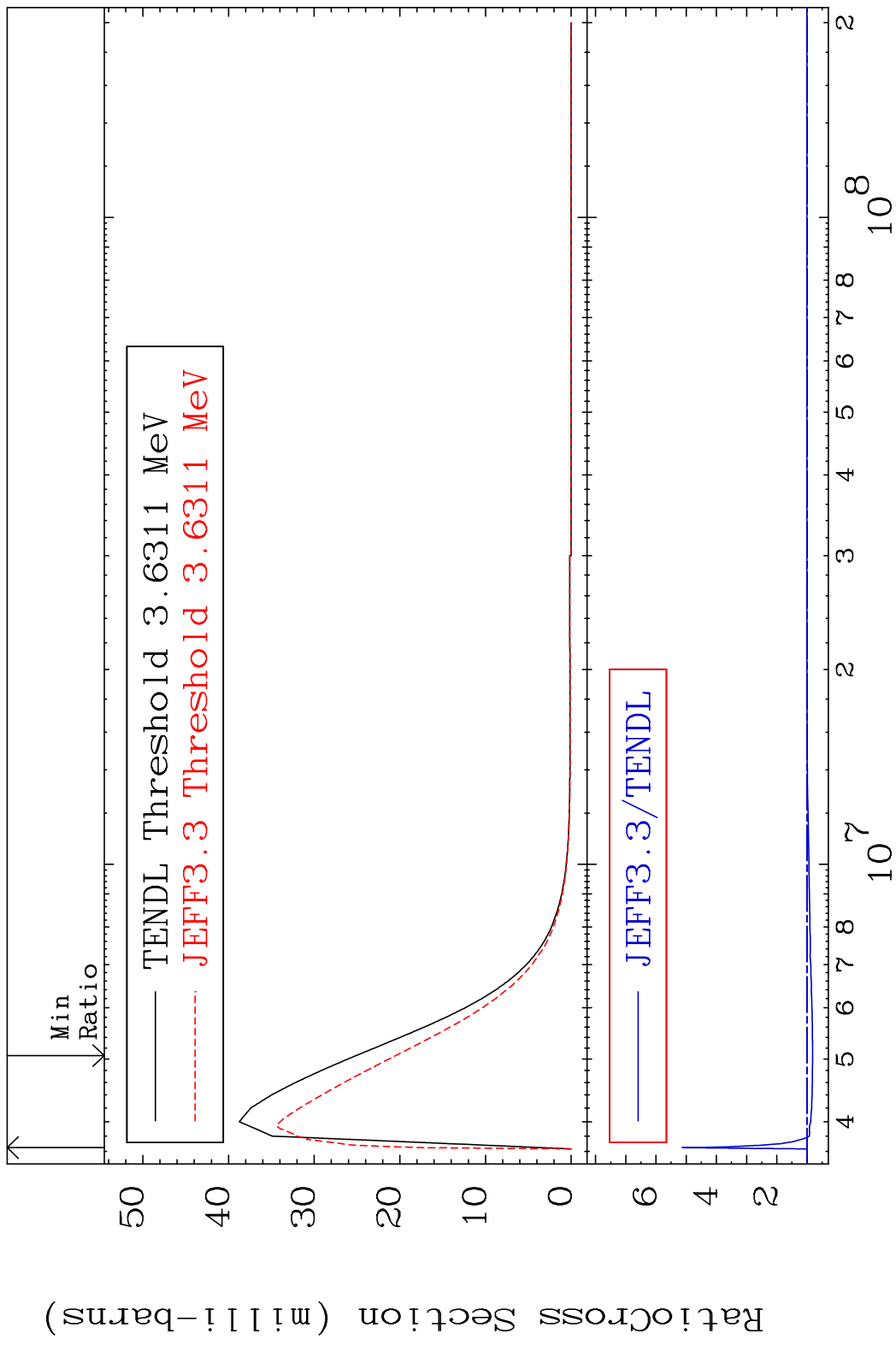
MAT 2225 MT= 61 (n,n') Level 22-Ti-46
 Cross Section 0.000 To 9999. %



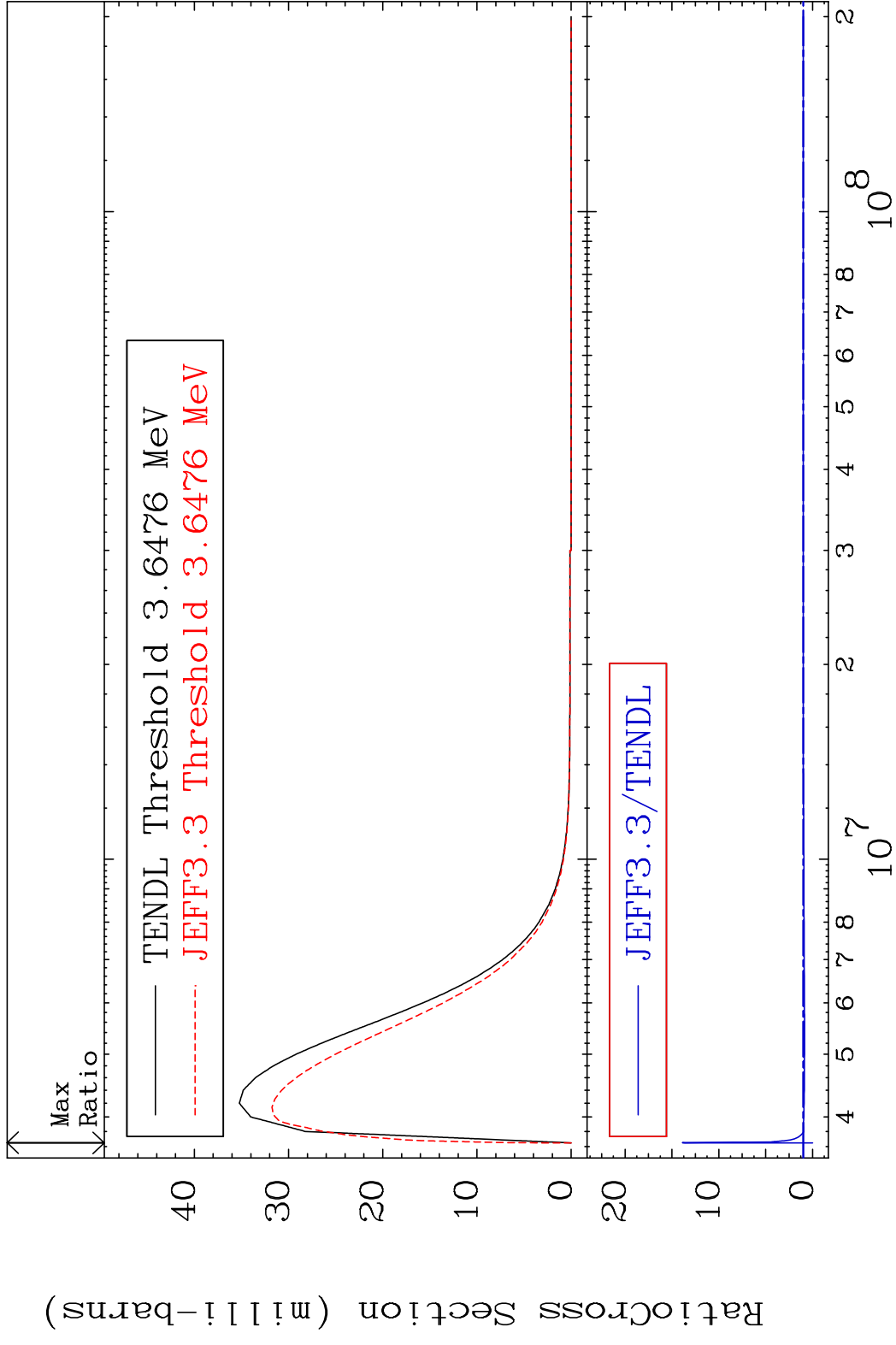
MAT 2225 MT= 62 (n, n') Level 22-Ti-46
 Cross Section -12.29 To 9999. %



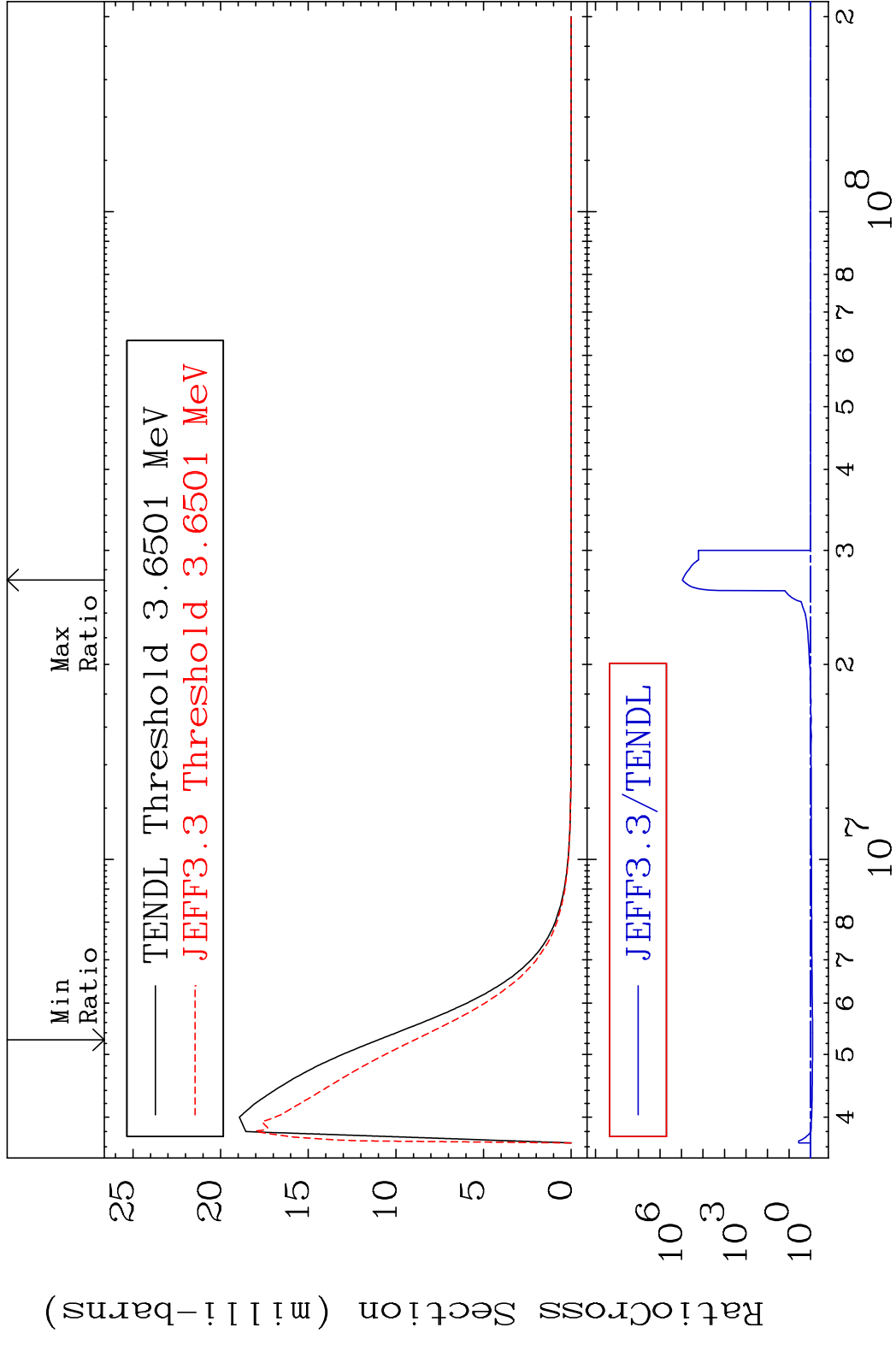
MAT 2225 MT= 63 (n, n') Level 22-Ti-46
 Cross Section -18.38 To 412.7 %



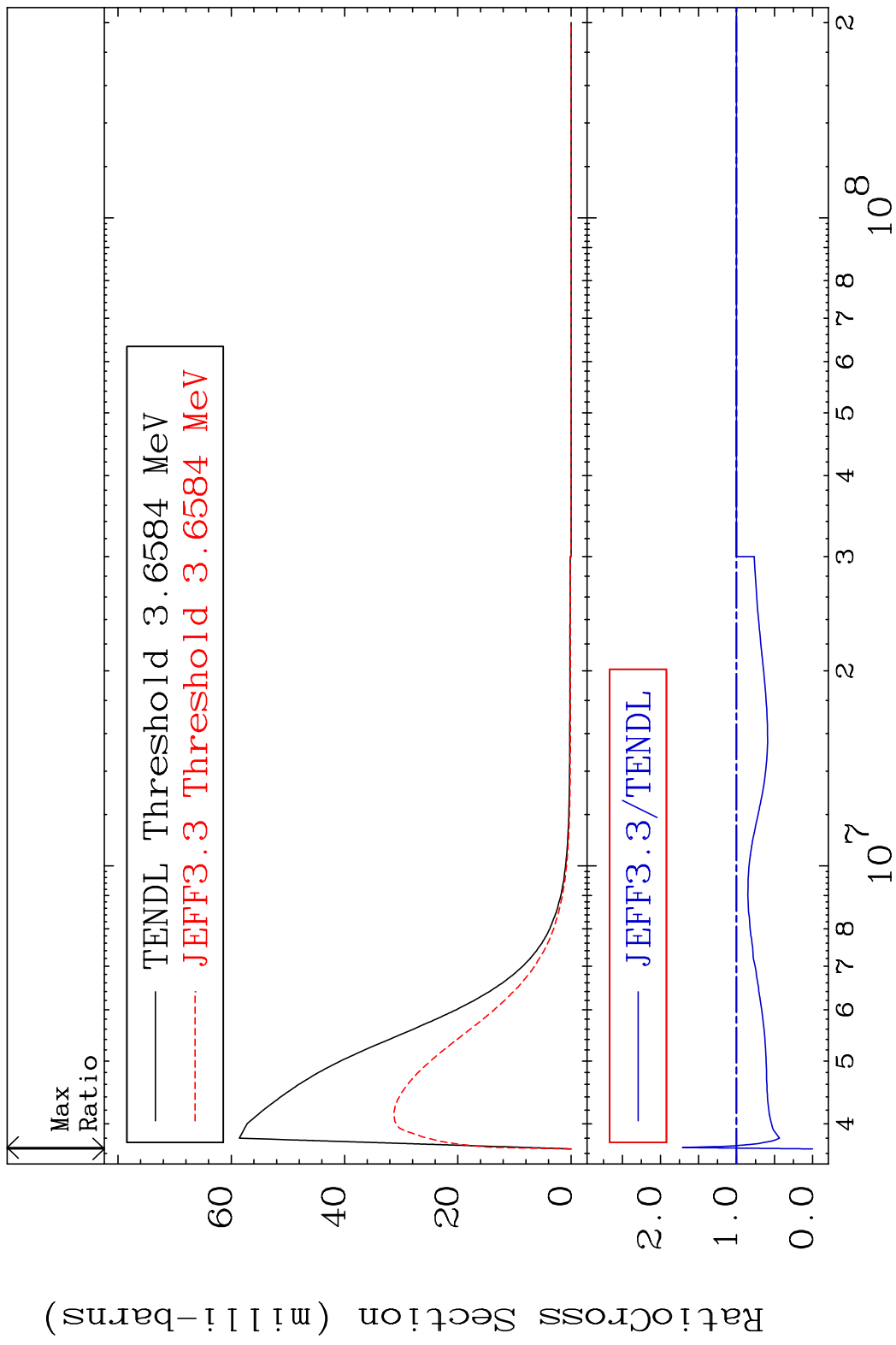
MAT 2225 MT= 64 (n,n') Level 22-Ti-46
Cross Section -100.0 To 1289. %



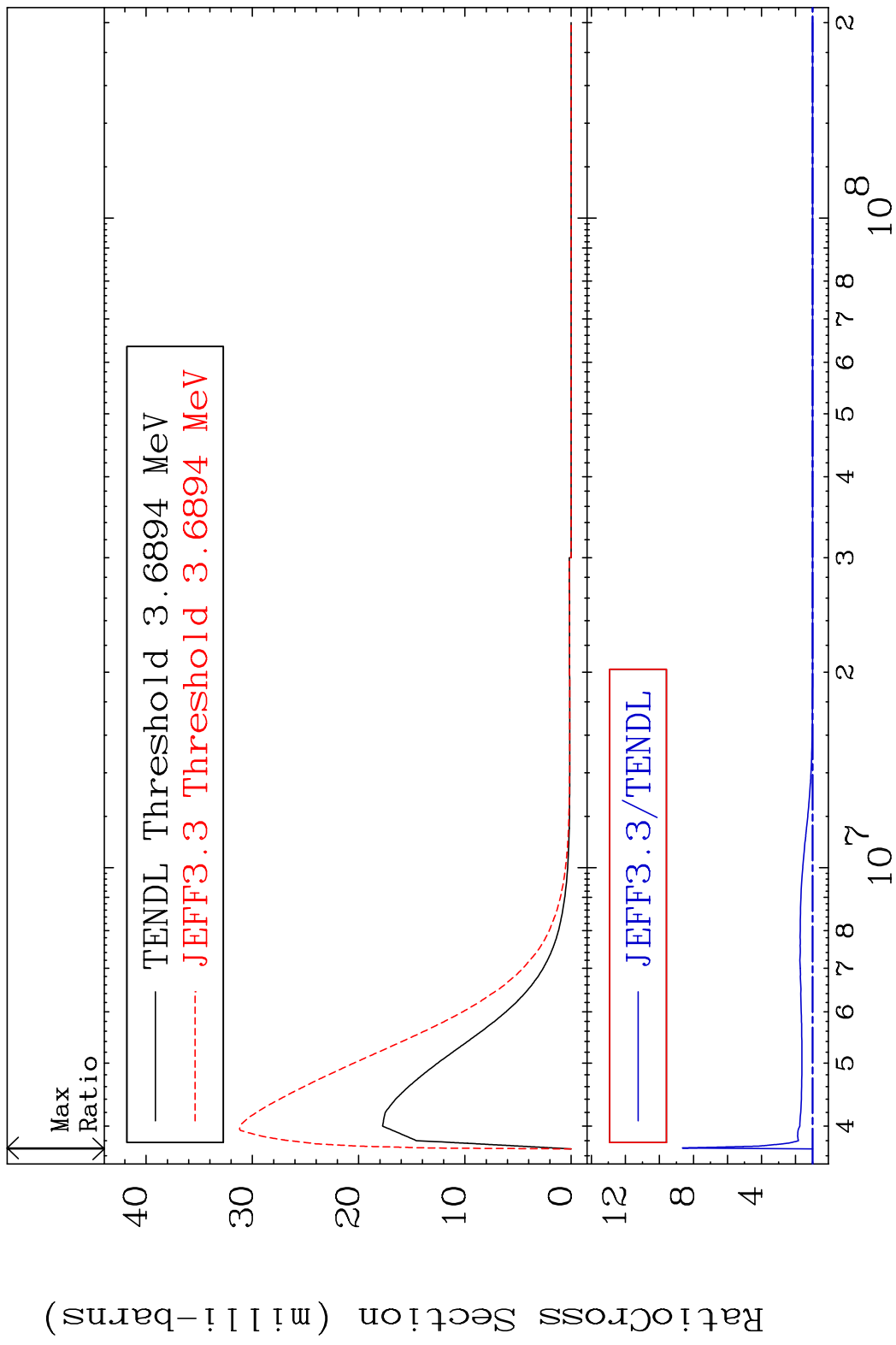
MAT 2225 MT= 65 (n, n') Level 22-Ti-46
 Cross Section -18.96 To 9999. %



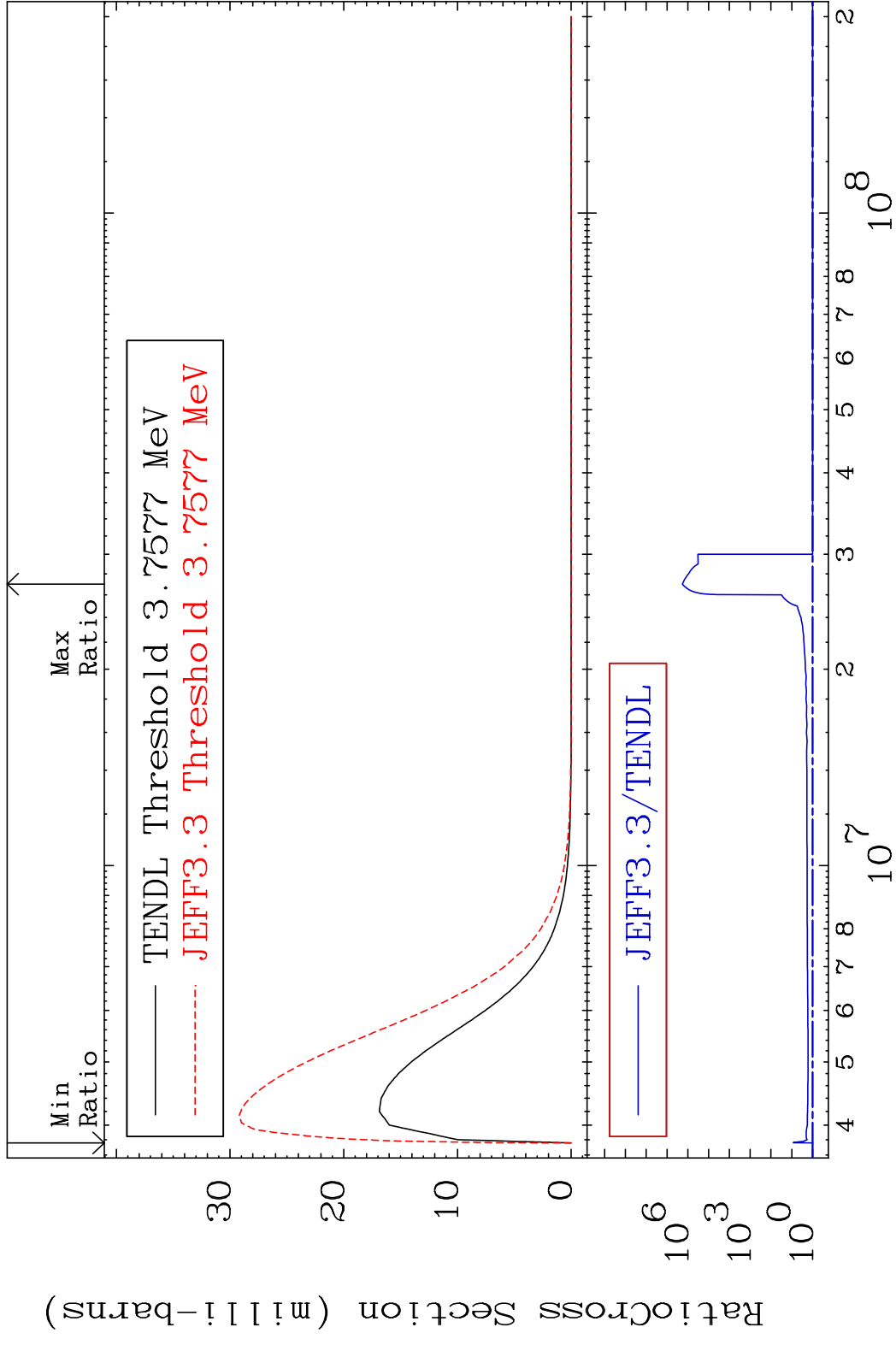
MAT 2225 MT= 66 (n,n') Level 22-Ti-46
 Cross Section -100.0 To 71.20 %



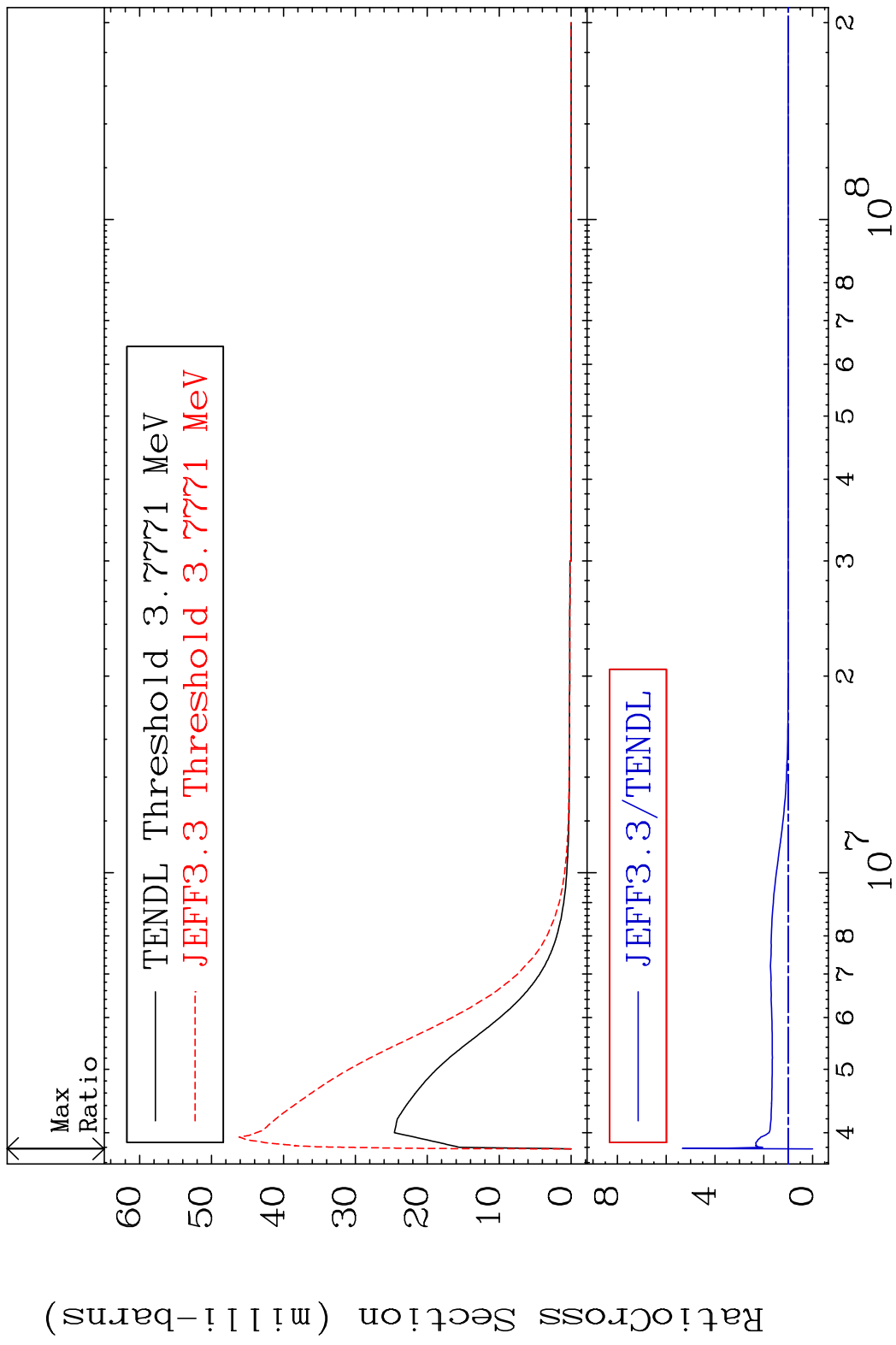
MAT 2225 MT= 67 (n,n') Level 22-Ti-46
 Cross Section 0.000 To 765.2 %



MAT 2225 MT= 68 (n, n') Level 22-Ti-46
 Cross Section 0.000 To 9999. %

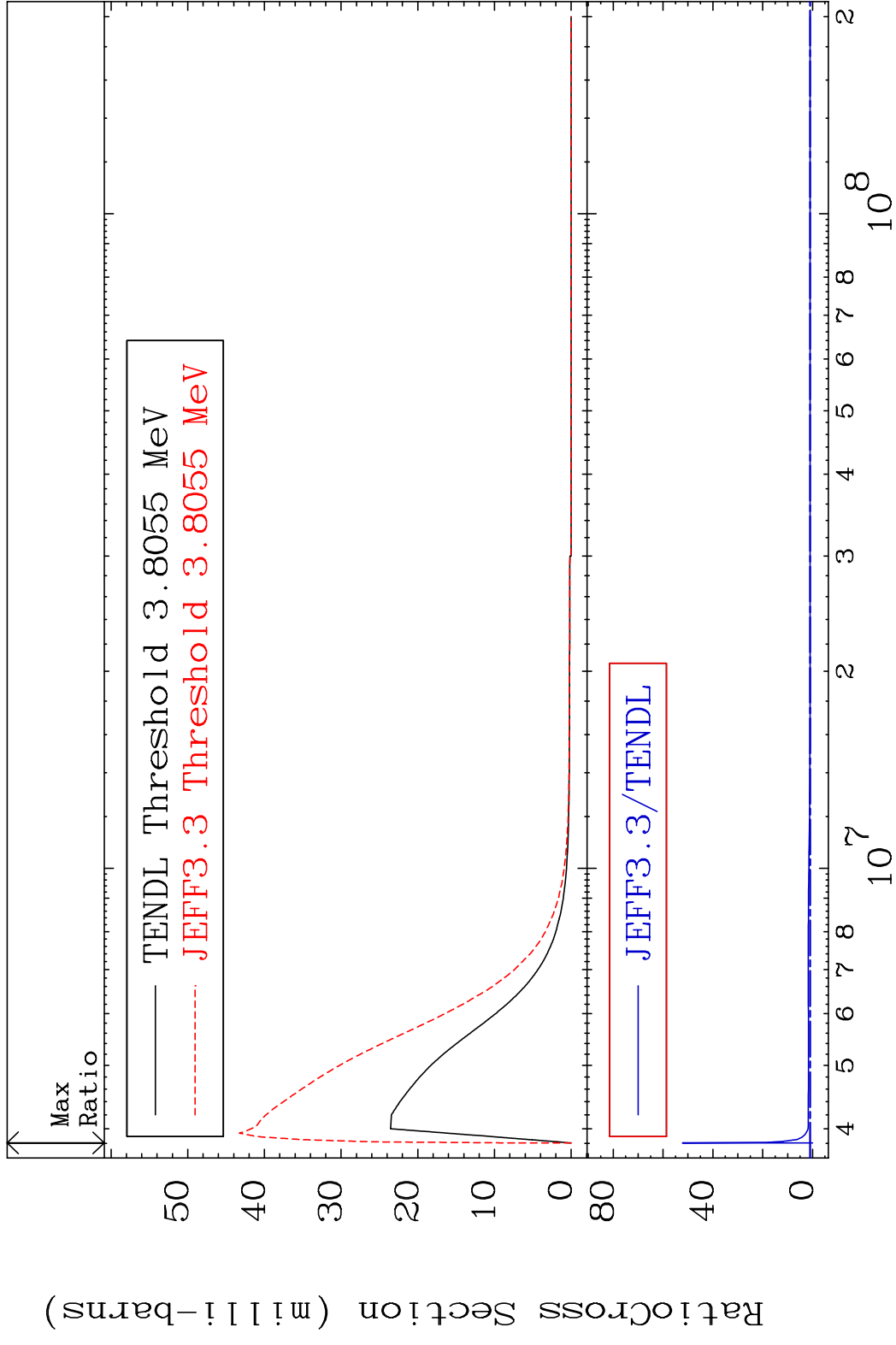


MAT 2225 MT= 69 (n, n') Level 22-Ti-46
 Cross Section -100.0 To 433.7 %

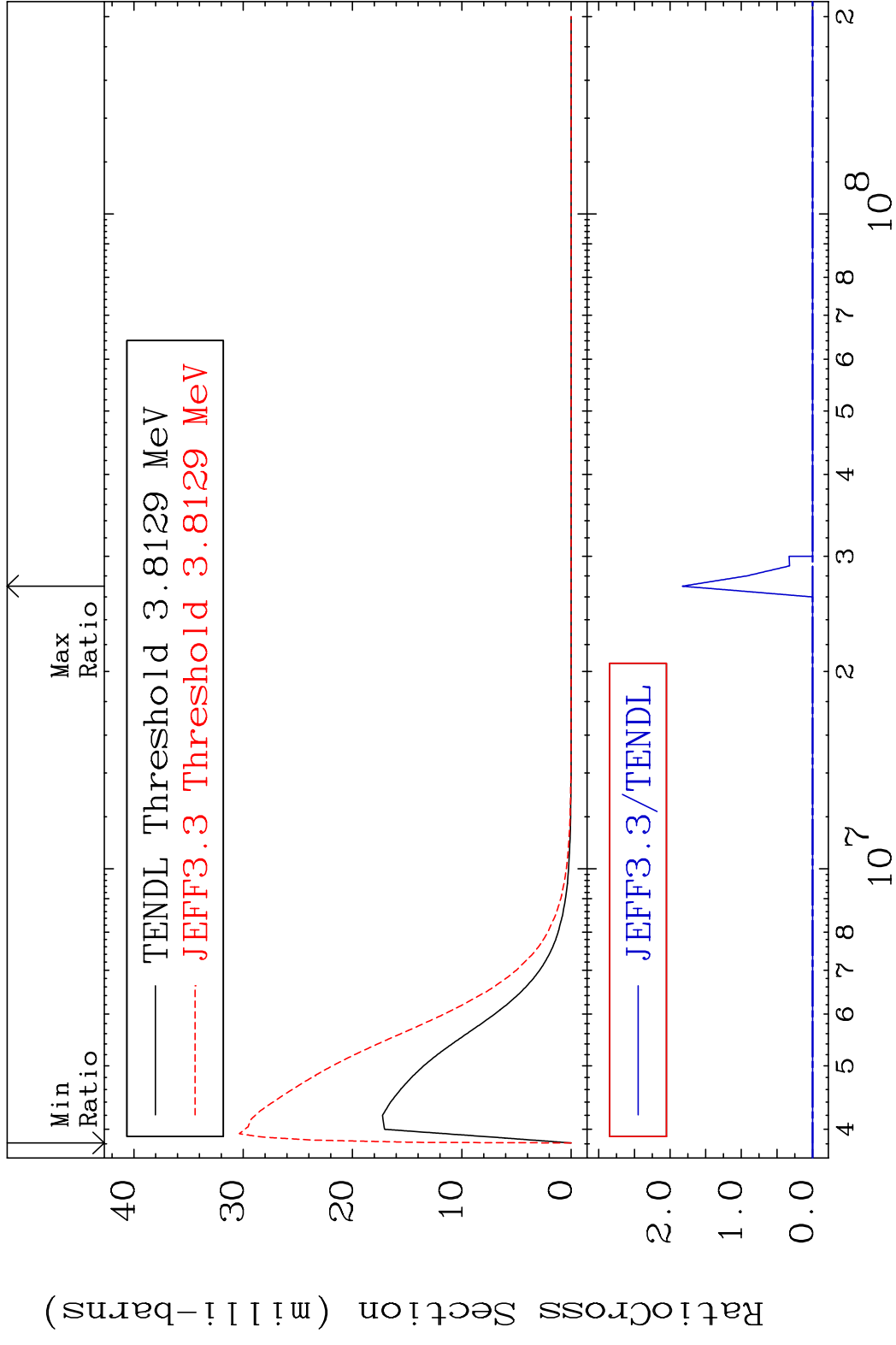


35 22-Ti-46

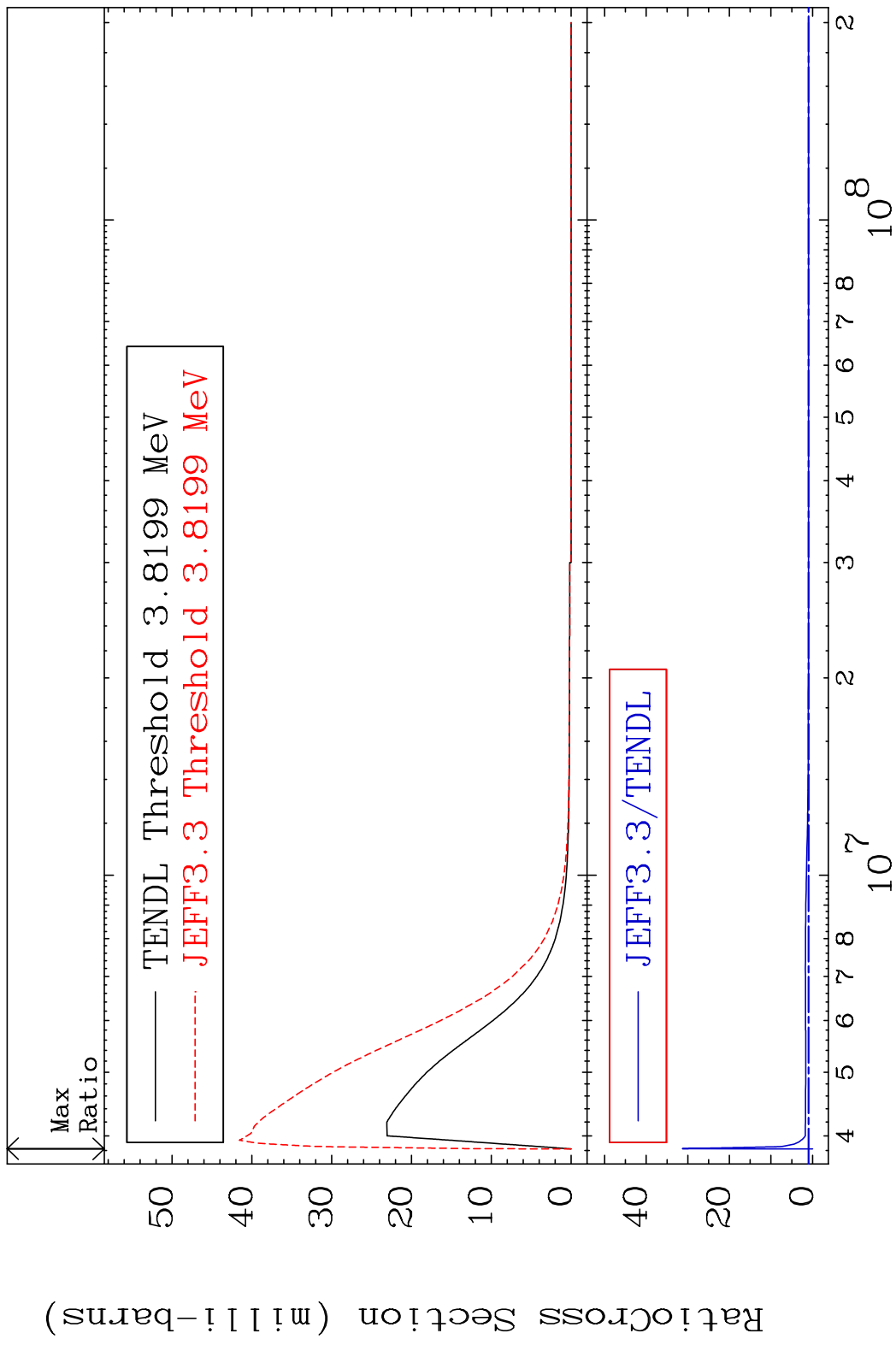
MAT 2225 MT= 70 (n,n') Level 22-Ti-46
 Cross Section -100.0 To 5125. %



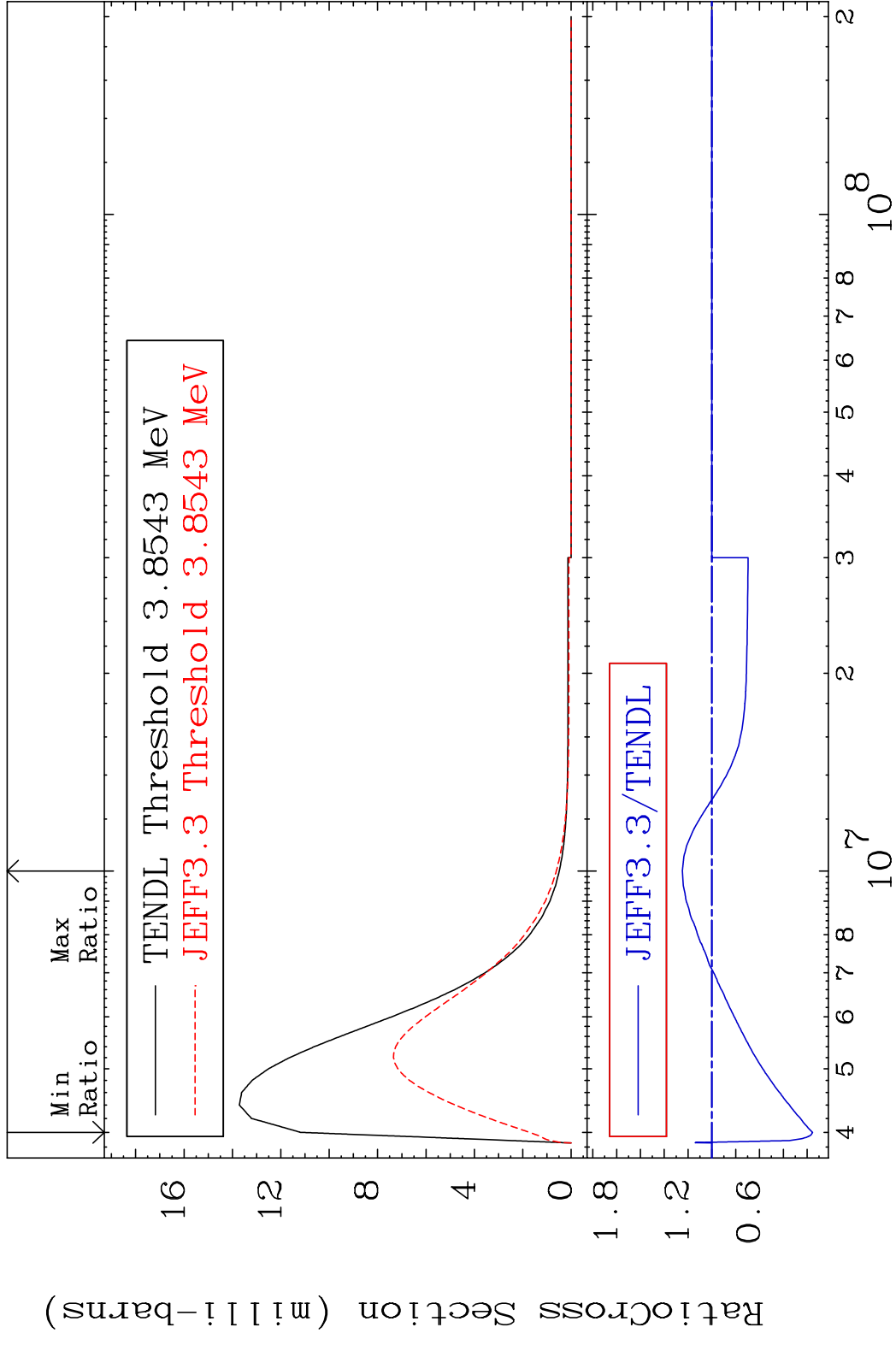
MAT 2225 MT= 71 (n, n') Level 22-Ti-46
 Cross Section -100.0 To 9999. %



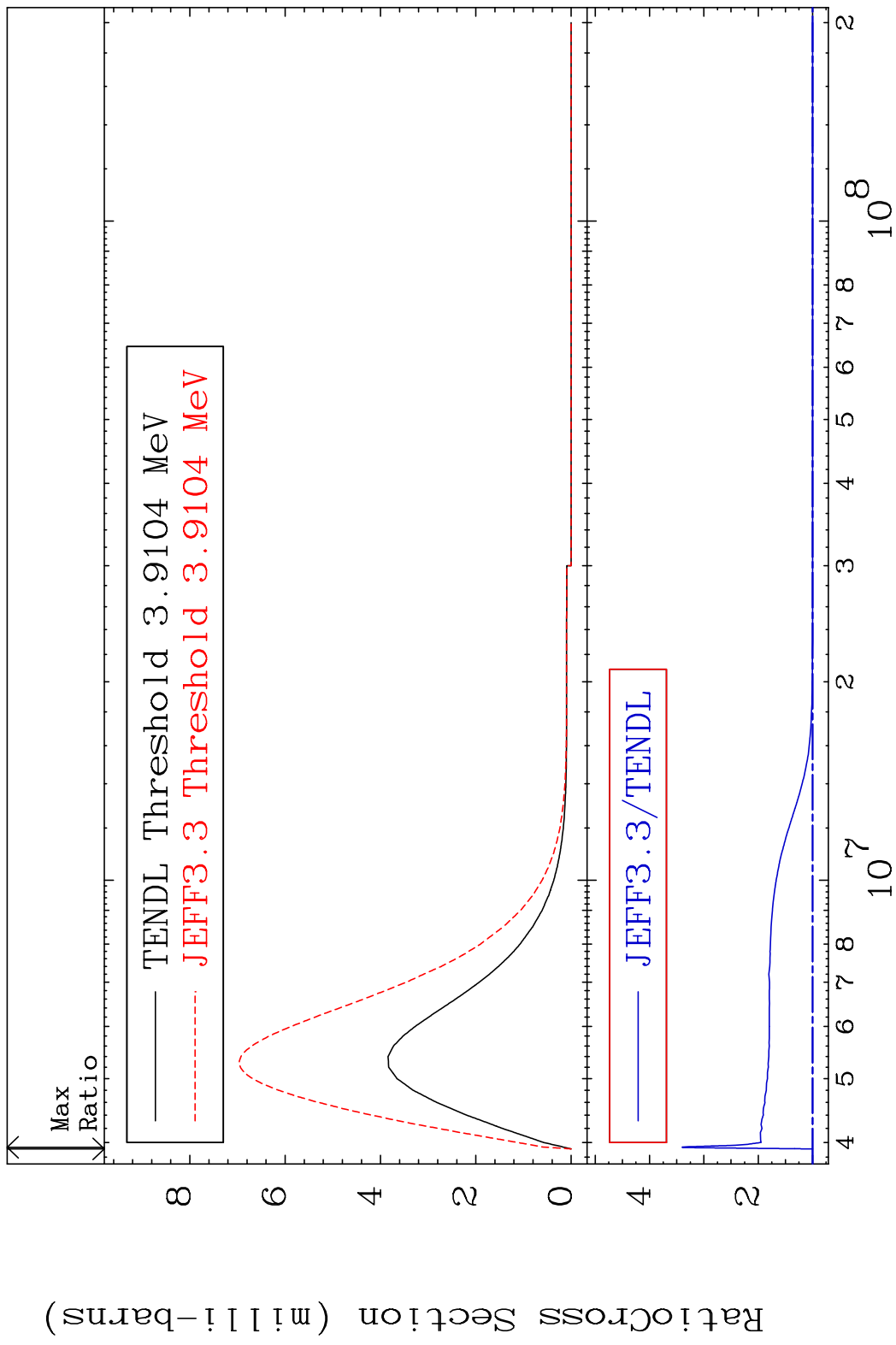
MAT 2225 MT= 72 (n, n') Level 22-Ti-46
 Cross Section -100.0 To 3031. %



MAT 2225 MT= 73 (n,n') Level 22-Ti-46
 Cross Section -84.54 To 24.80 %

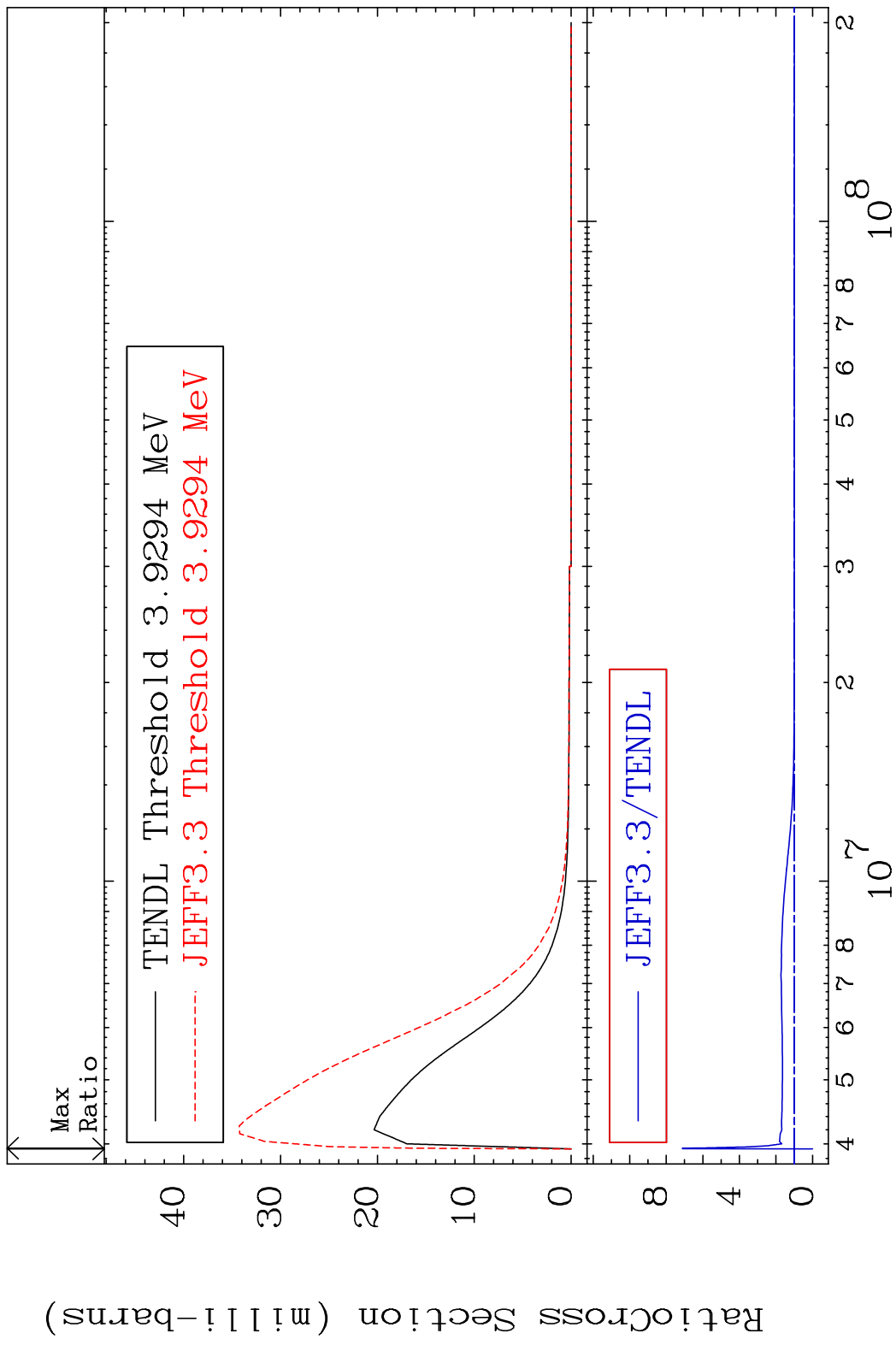


MAT 2225 MT= 74 (n,n') Level 22-Ti-46
Cross Section 0.000 To 239.6 %



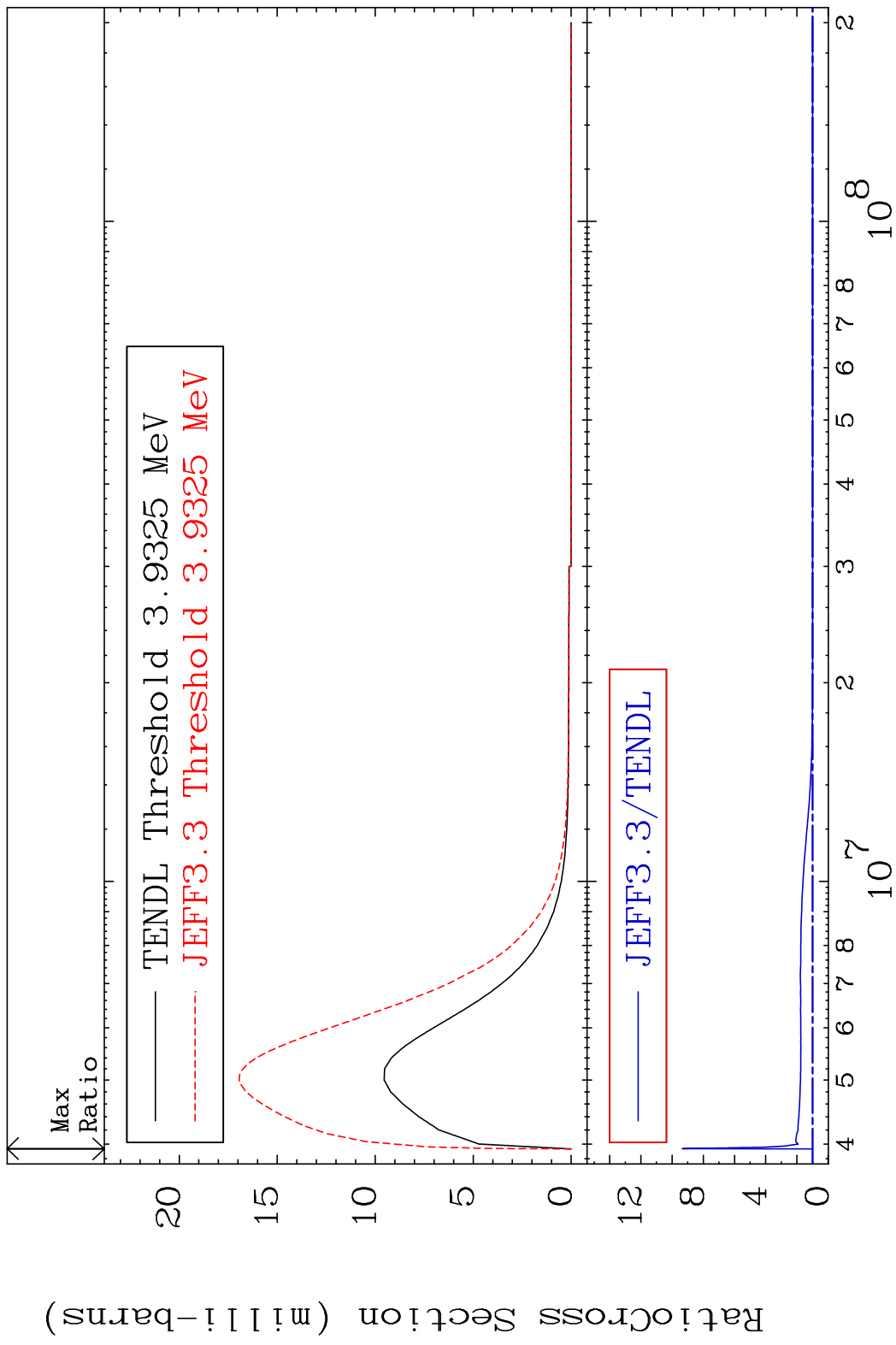
40 40 Incident Energy (eV) 22-Ti-46

MAT 2225 MT= 75 (n,n') Level 22-Ti-46
 Cross Section -100.0 To 612.0 %



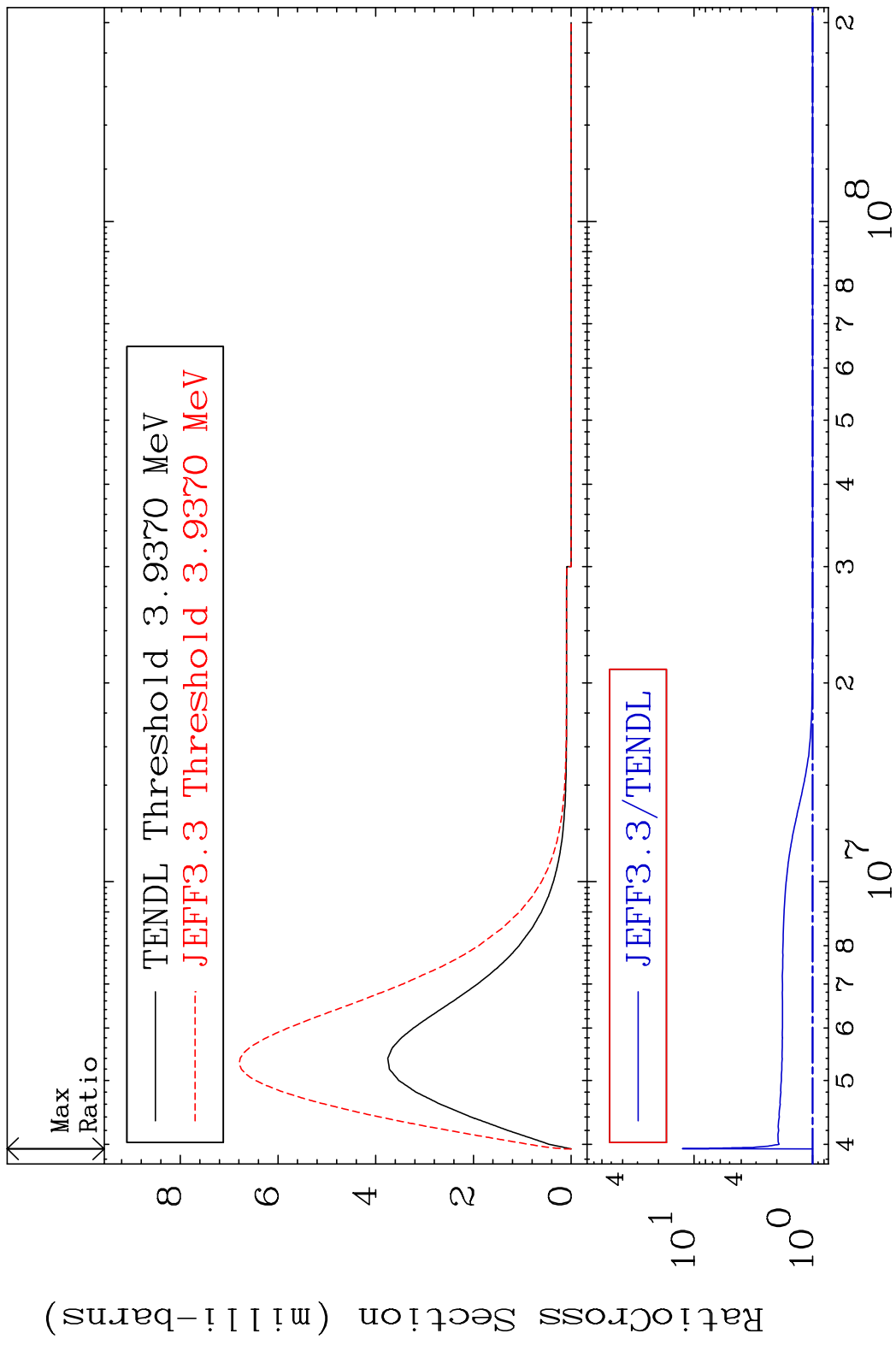
41 Incident Energy (eV) 22-Ti-46

MAT 2225 MT= 76 (n,n') Level 22-Ti-46
 Cross Section 0.000 To 834.3 %



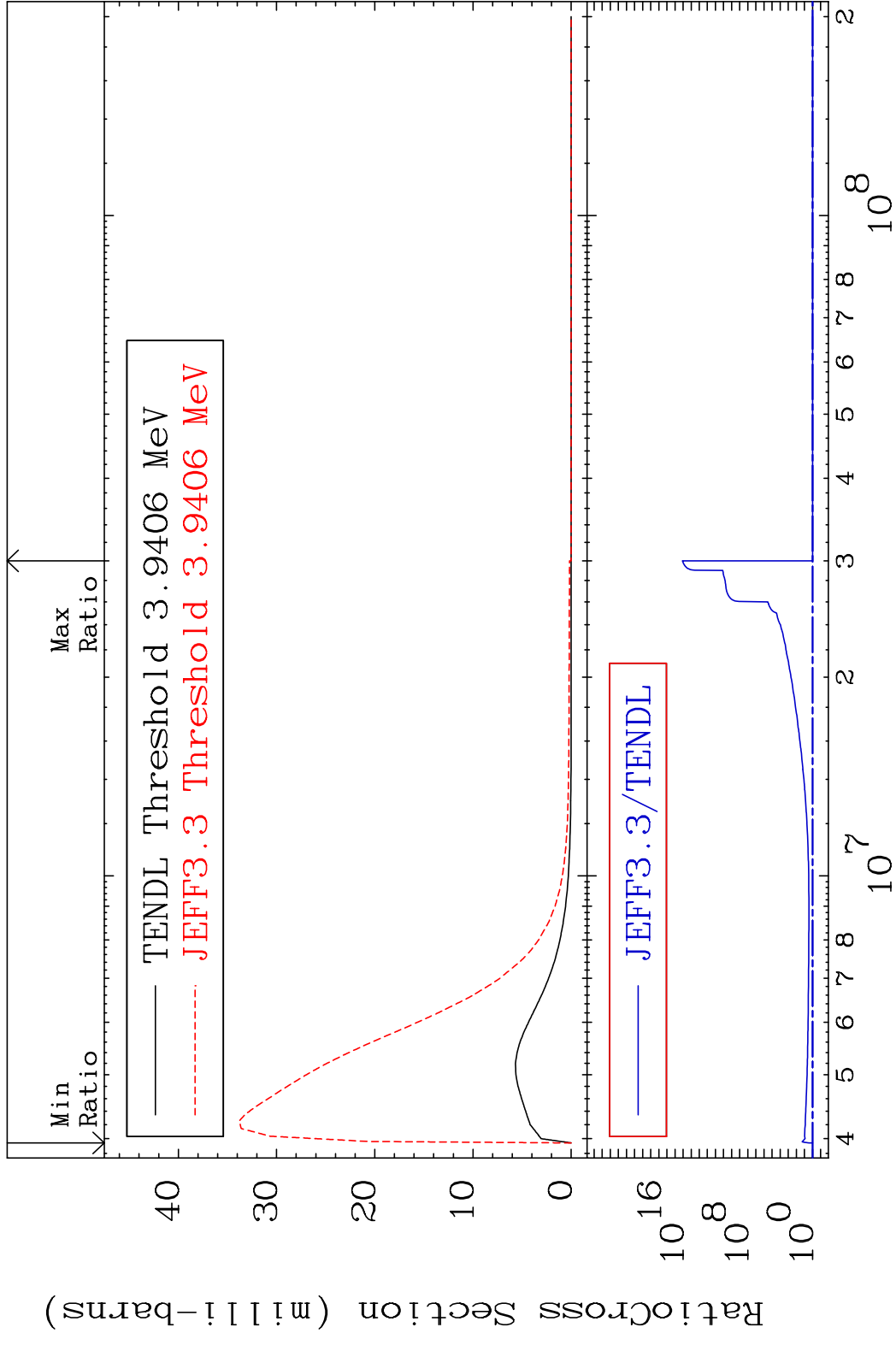
42 22-Ti-46

MAT 2225 MT= 77 (n, n') Level 22-Ti-46
 Cross Section 0.000 To 1155. %

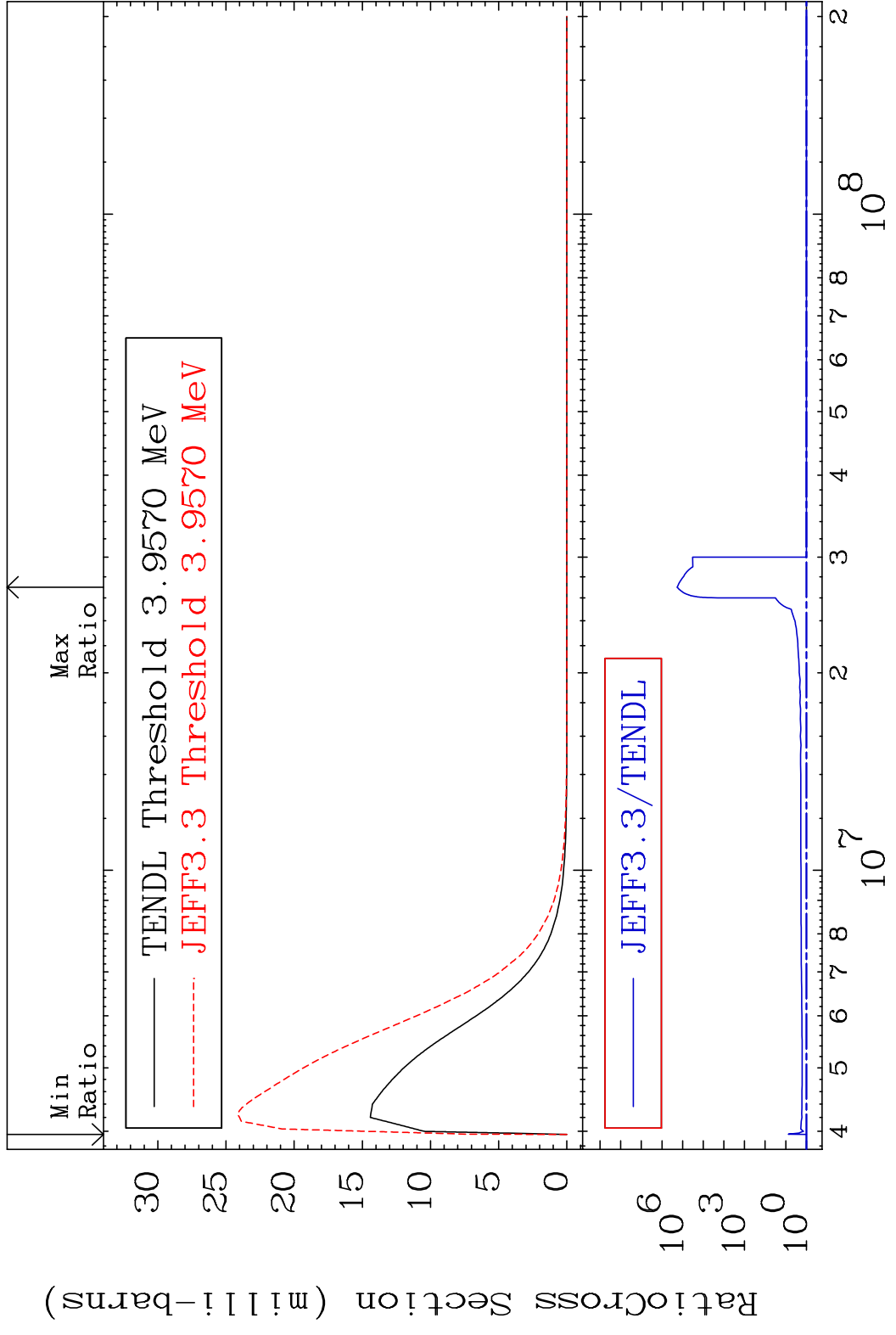


43 Incident Energy (eV) 22-Ti-46

MAT 2225 MT= 78 (n,n') Level 22-Ti-46
 Cross Section 0.000 To 9999. %

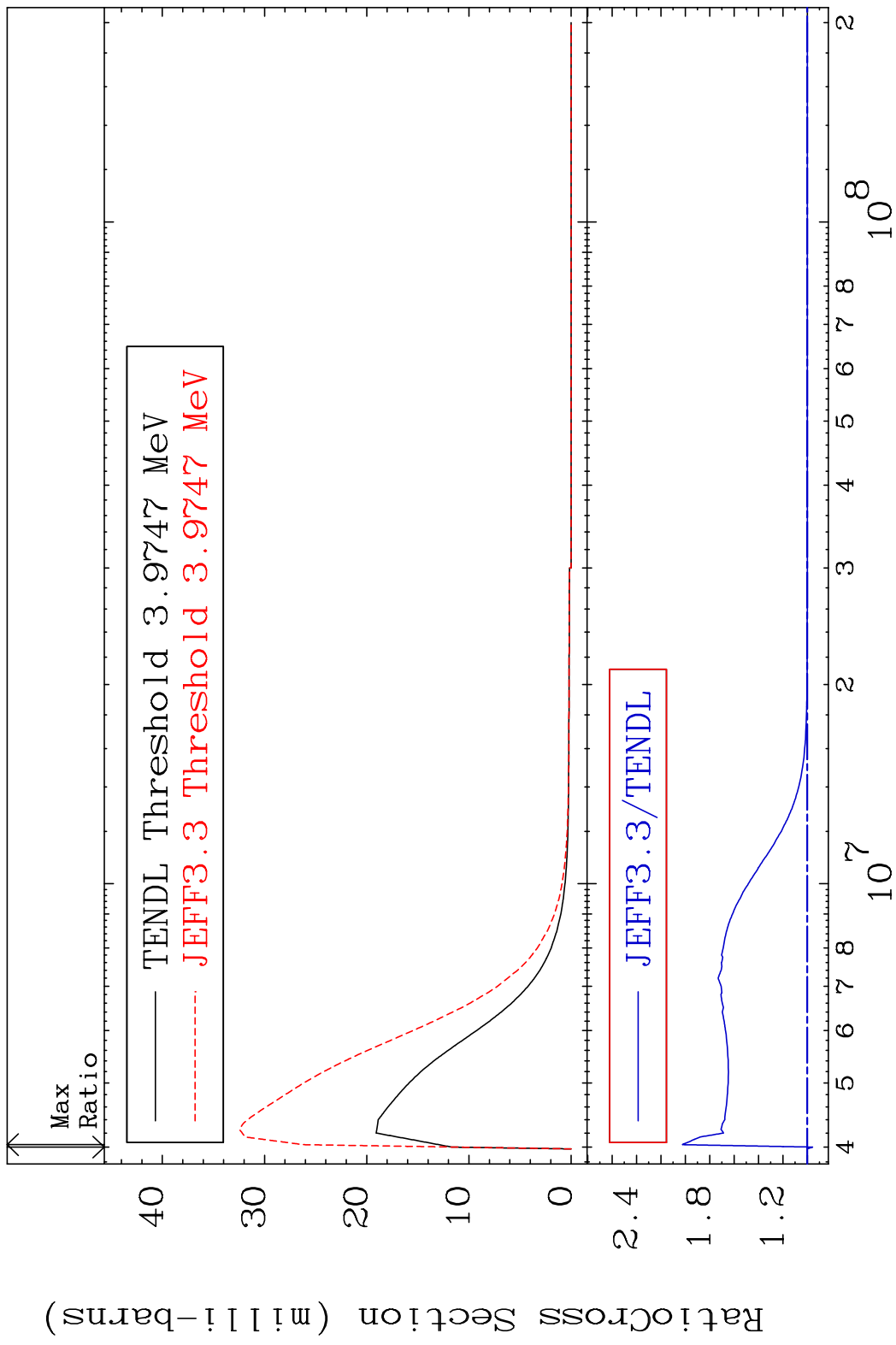


MAT 2225 MT= 79 (n, n') Level 22-Ti-46
 Cross Section 0.000 To 9999. %



45 Incident Energy (eV) 22-Ti-46

MAT 2225 MT= 80 (n,n') Level 22-Ti-46
 Cross Section -4.344 To 102.4 %



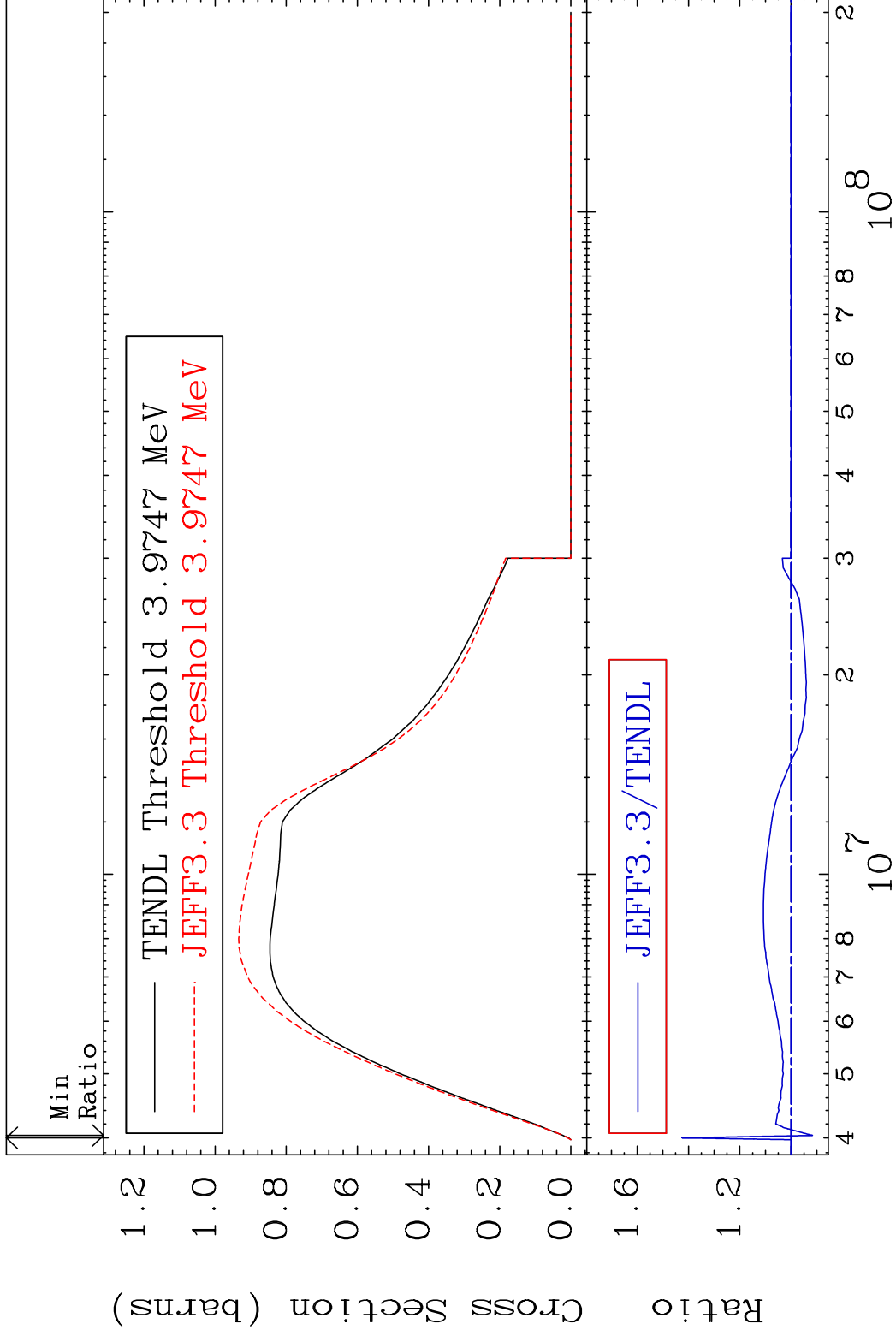
46 22-Ti-46

MAT 2225

(n,n') Continuum

²²Ti-46

Cross Section -8.301 To 42.46 %



47

Incident Energy (eV)

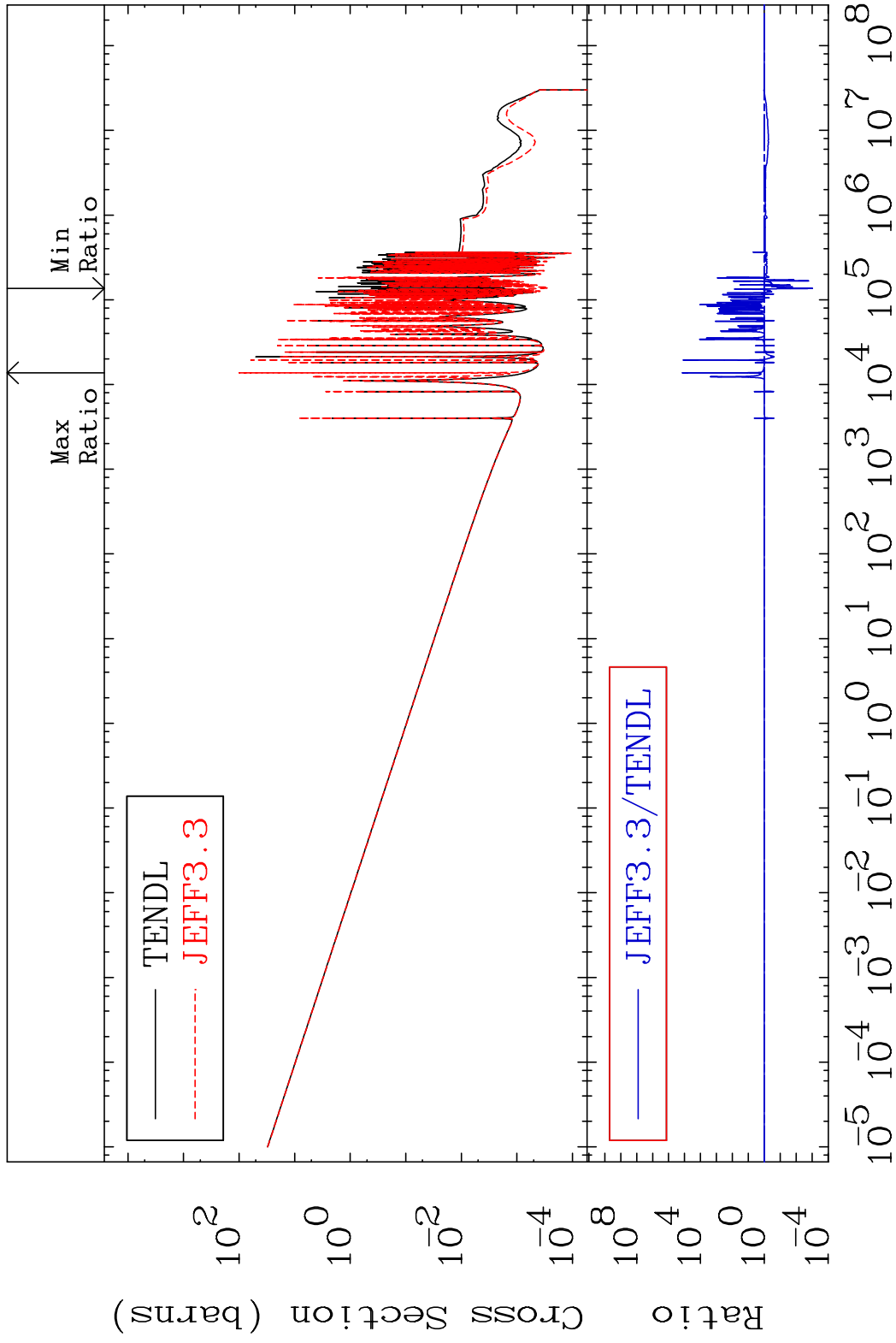
²²Ti-46

MAT 2225

(n, γ)

22-Ti-46

Cross Section -99.91 To 9999. %

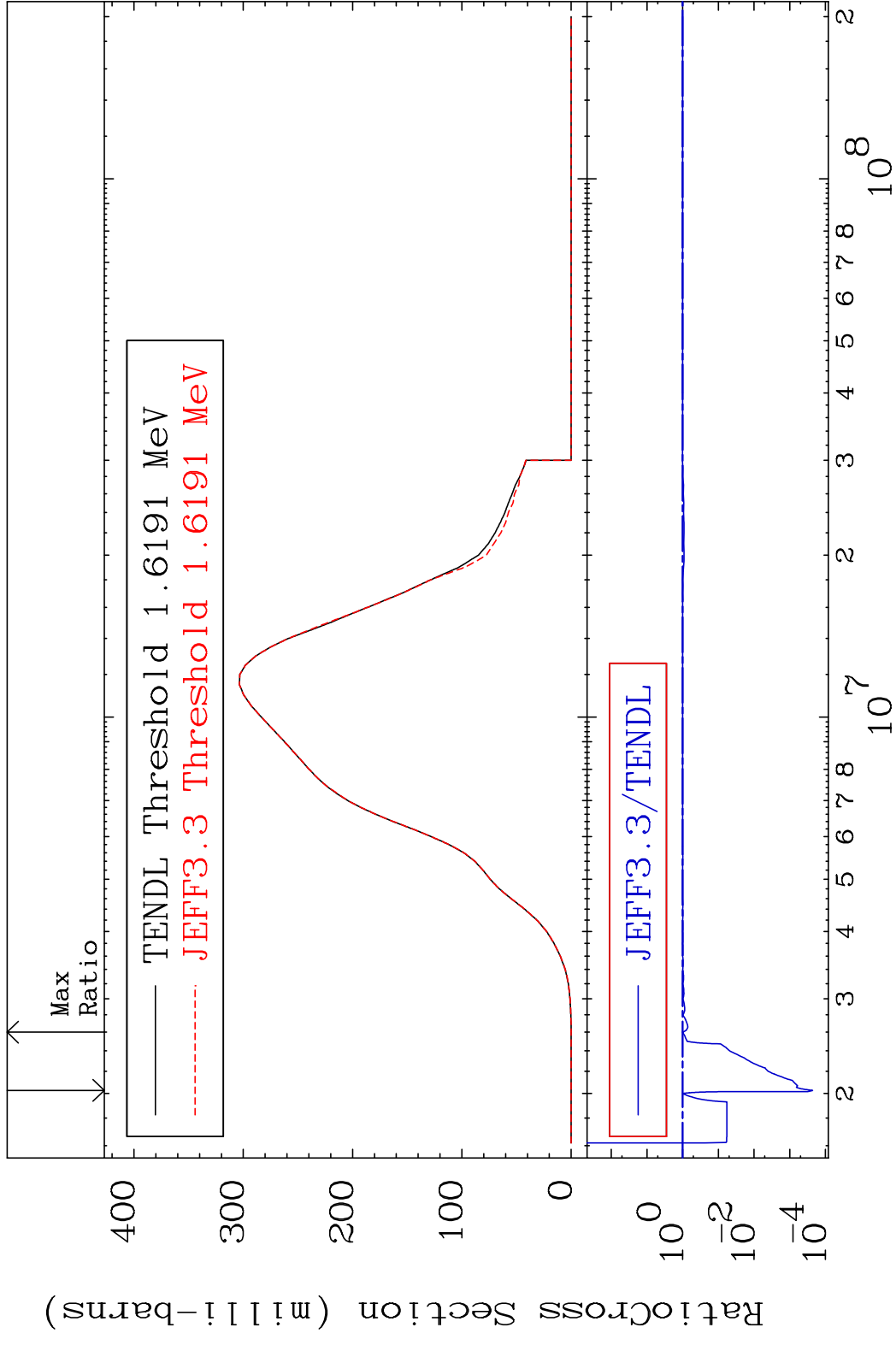


48

Incident Energy (eV)

22-Ti-46

MAT 2225 (n,p) 22-Ti-46
 Cross Section -99.98 To 2.098 %

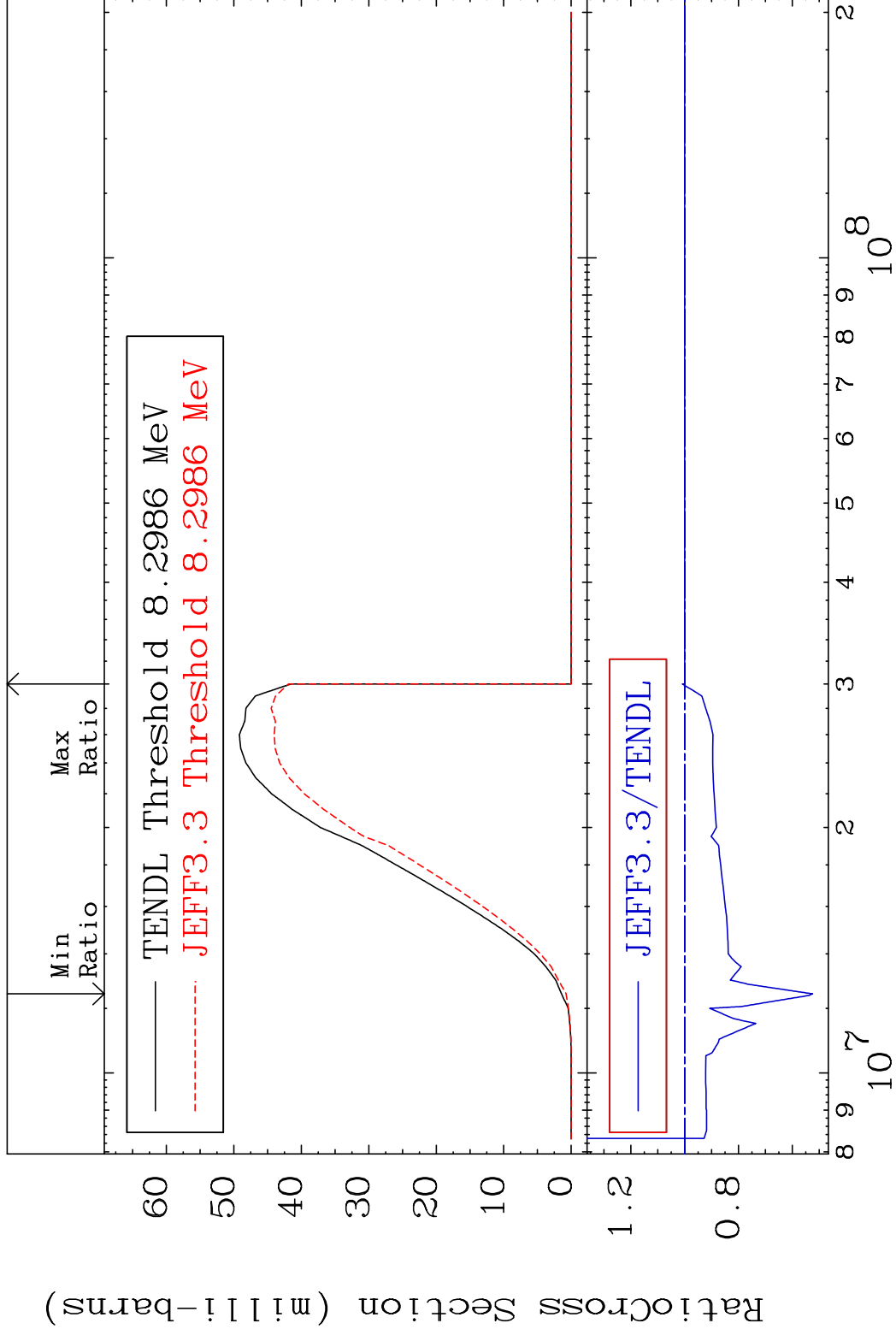


MAT 2225

(n, d)

²²Ti-46

Cross Section -47.51 To 0.869 %



50

Incident Energy (eV)

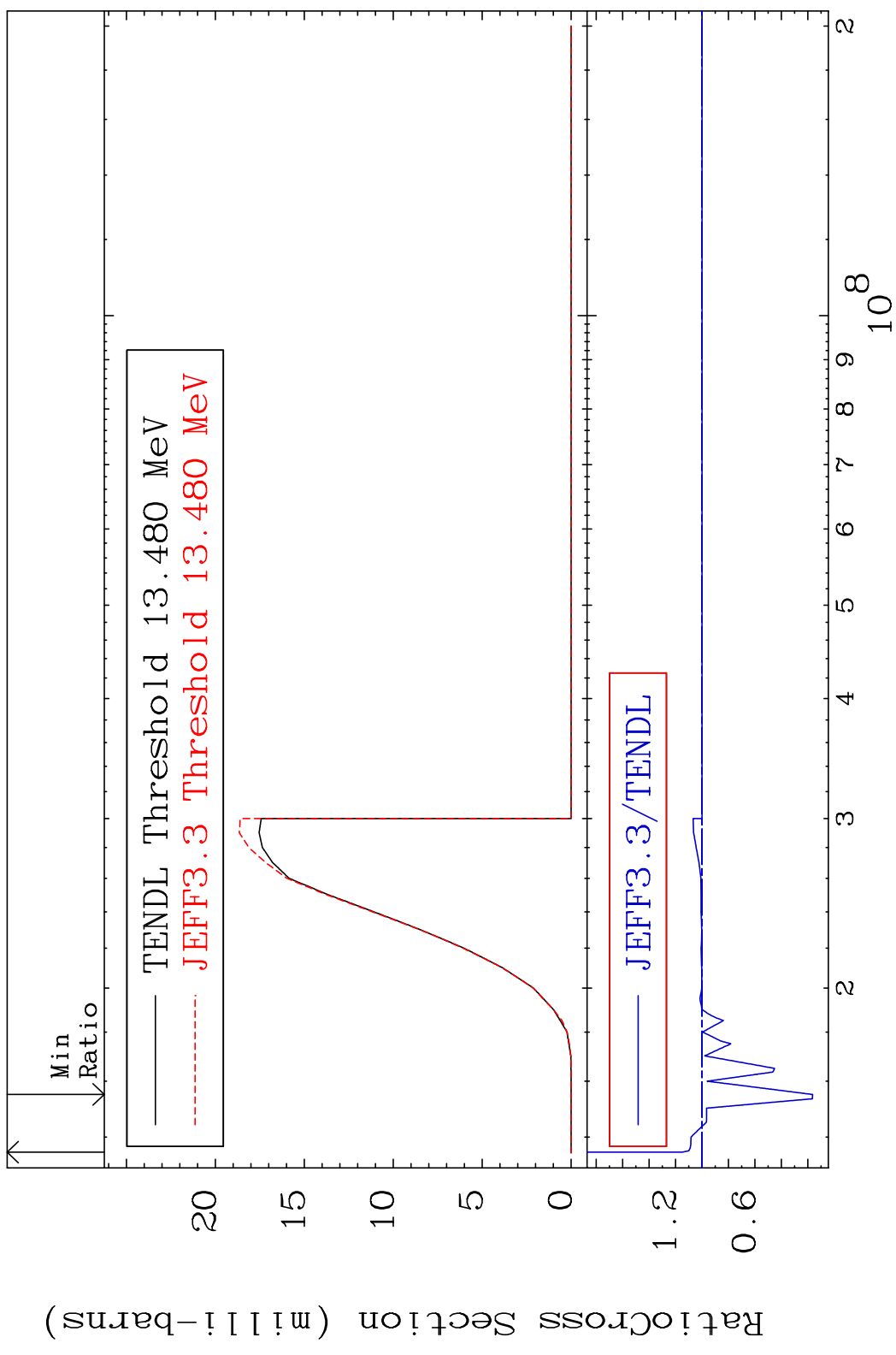
²²Ti-46

MAT 2225

(n, t)

22-Ti-46

Cross Section -83.58 To 14.86 %

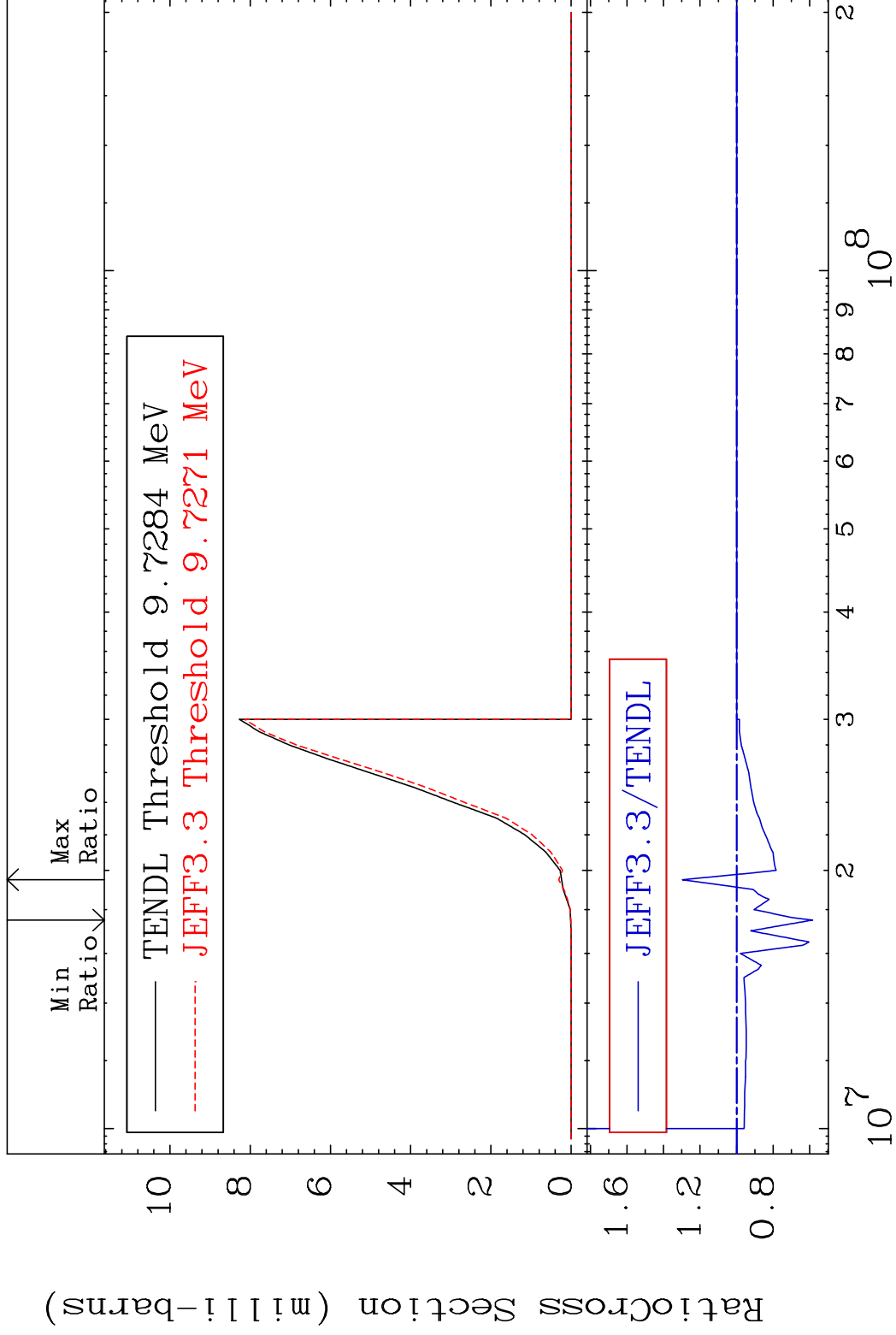


MAT 2225

(n, He-3)

²²Ti-46

Cross Section -41.61 To 29.69 %



52

Incident Energy (eV)

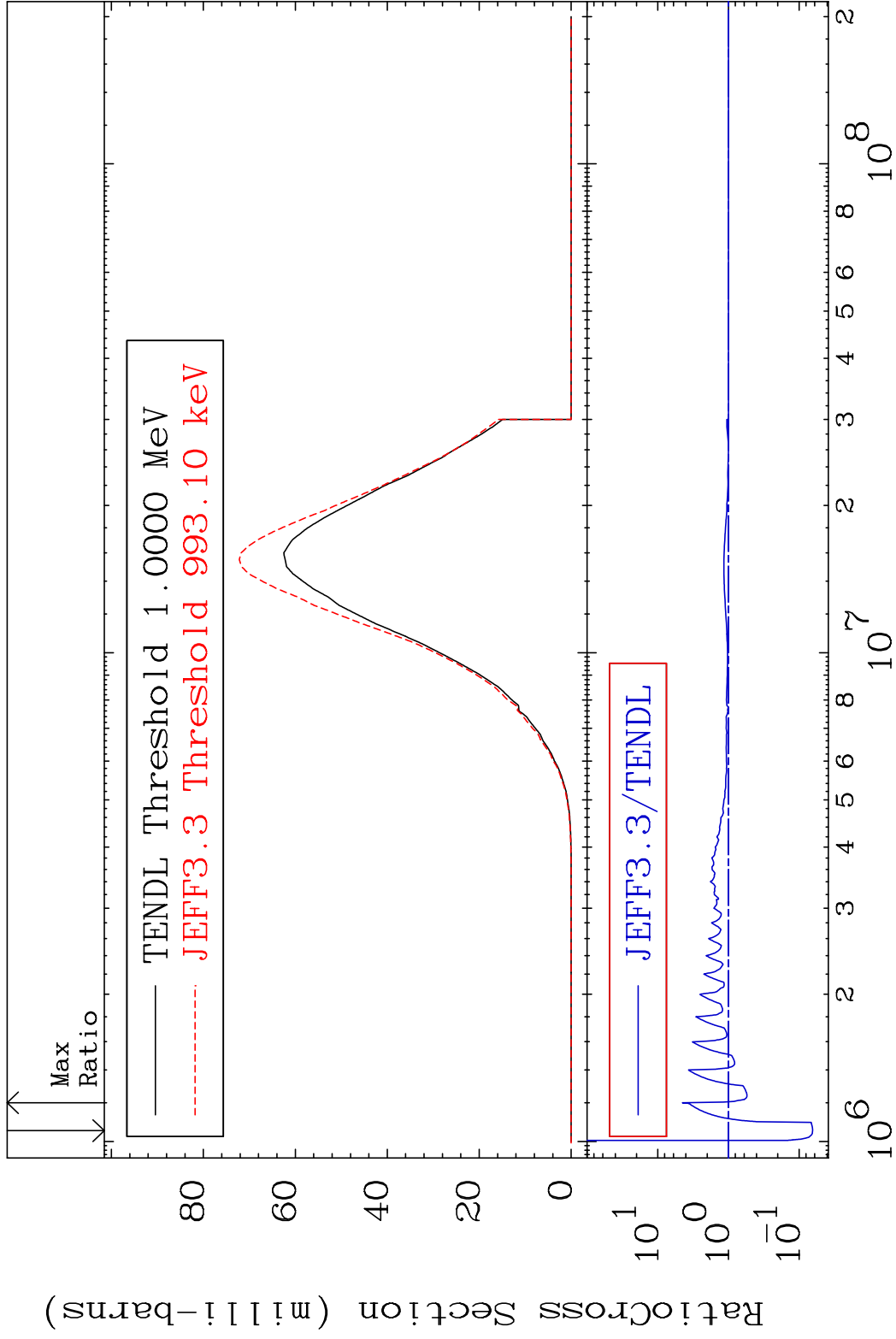
²²Ti-46

MAT 2225

(n, α)

22-Ti-46

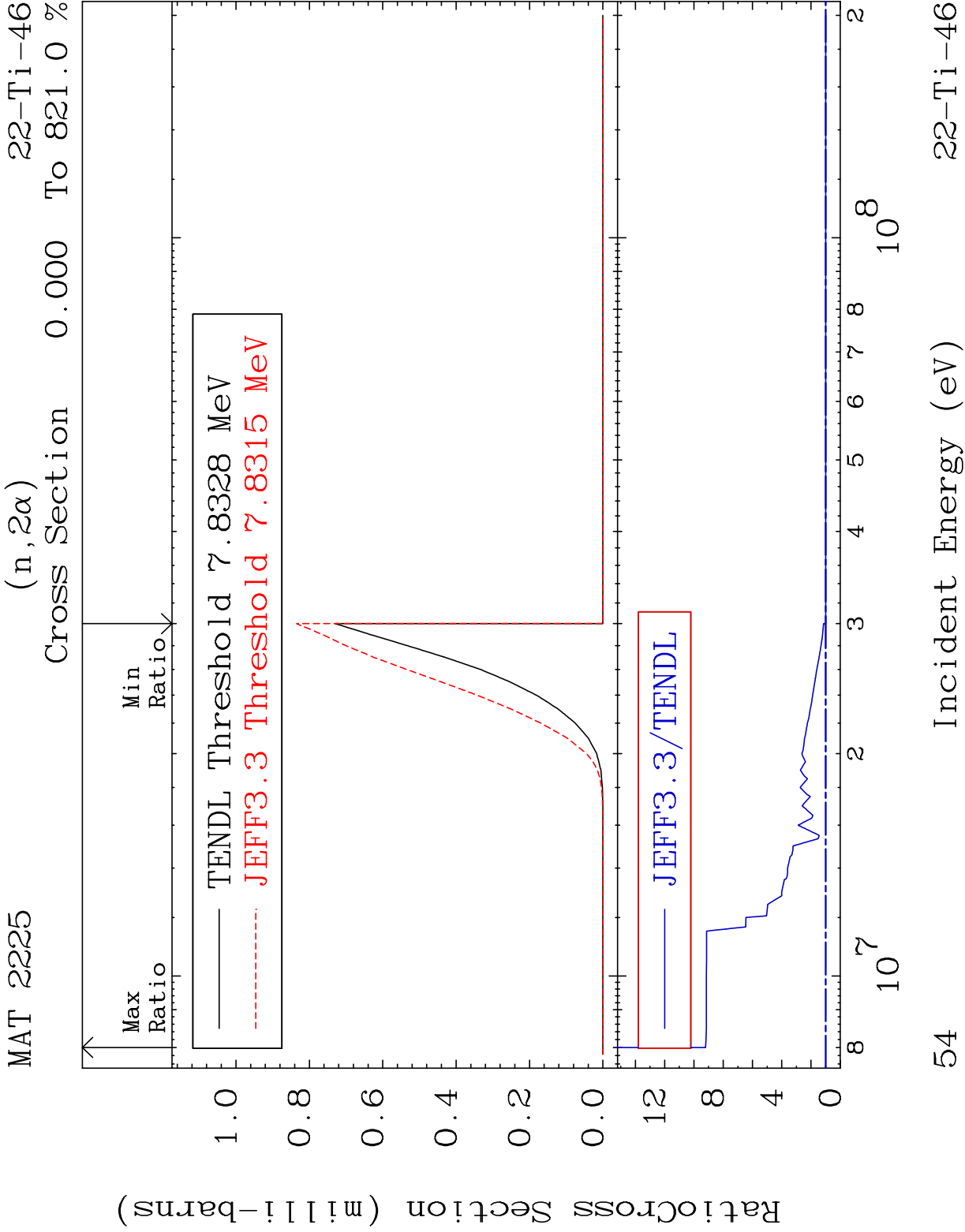
Cross Section -93.55 To 348.9 %



53

Incident Energy (eV)

22-Ti-46

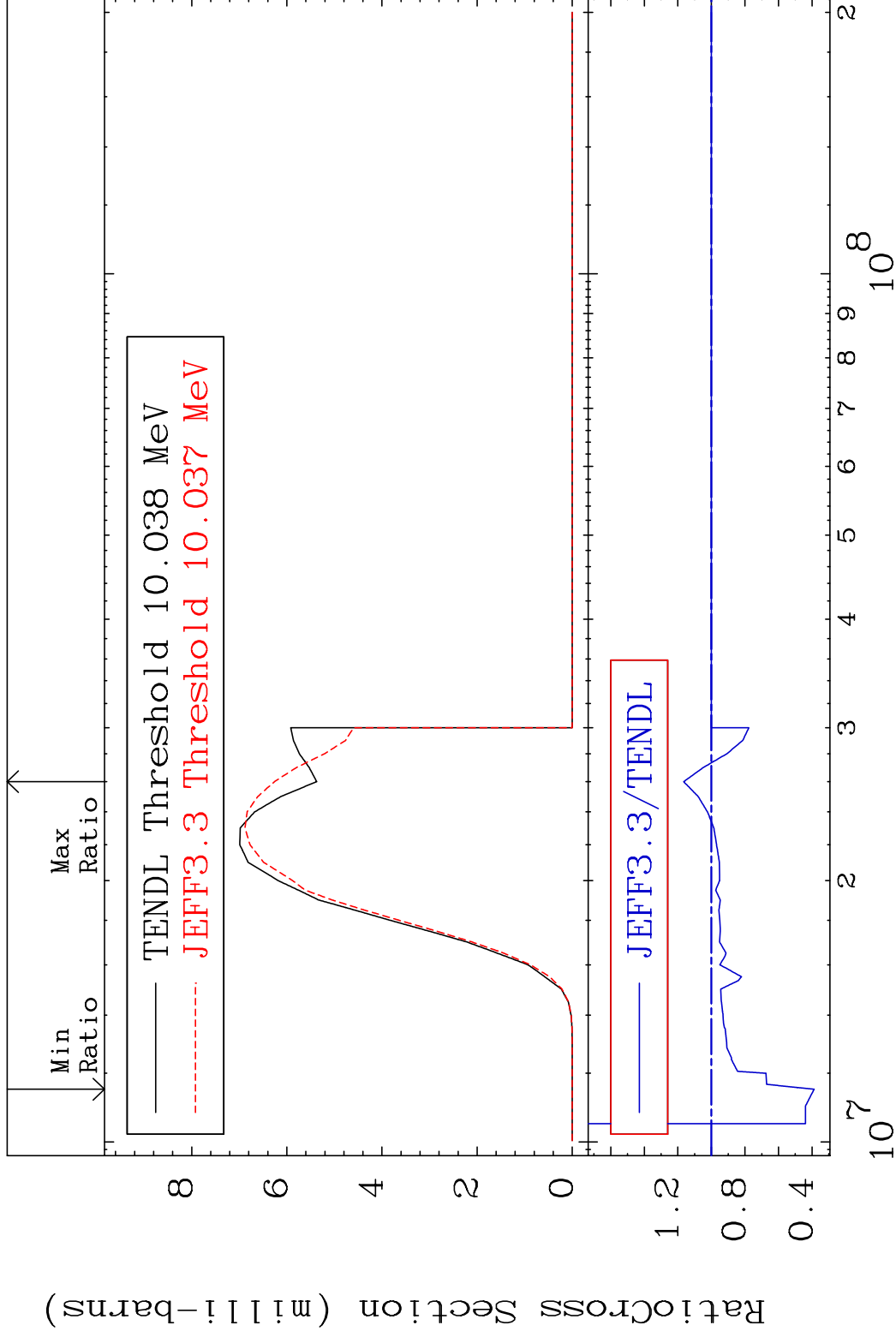


MAT 2225

(n,2p)

22-Ti-46

Cross Section -61.22 To 16.54 %

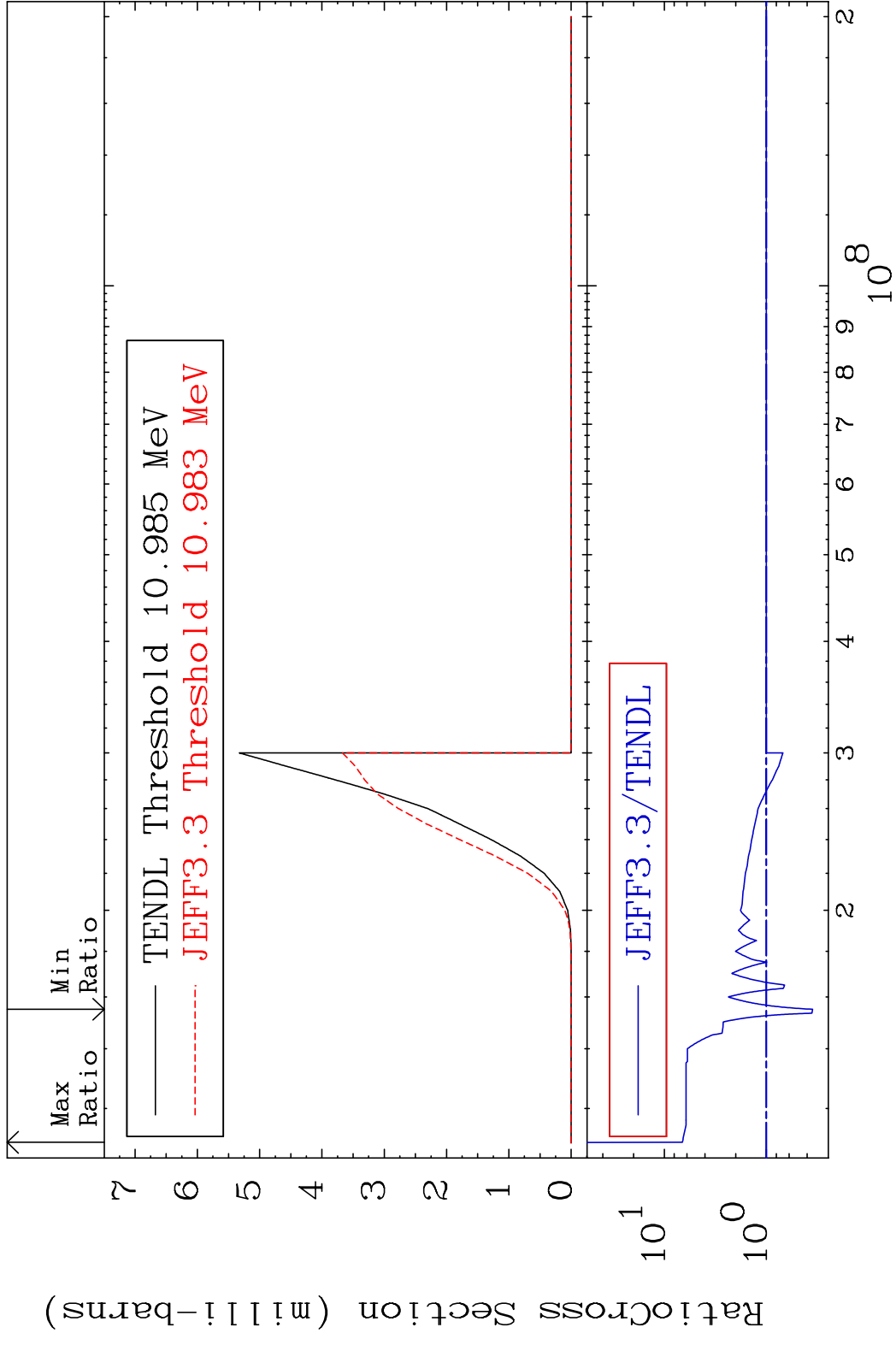


55

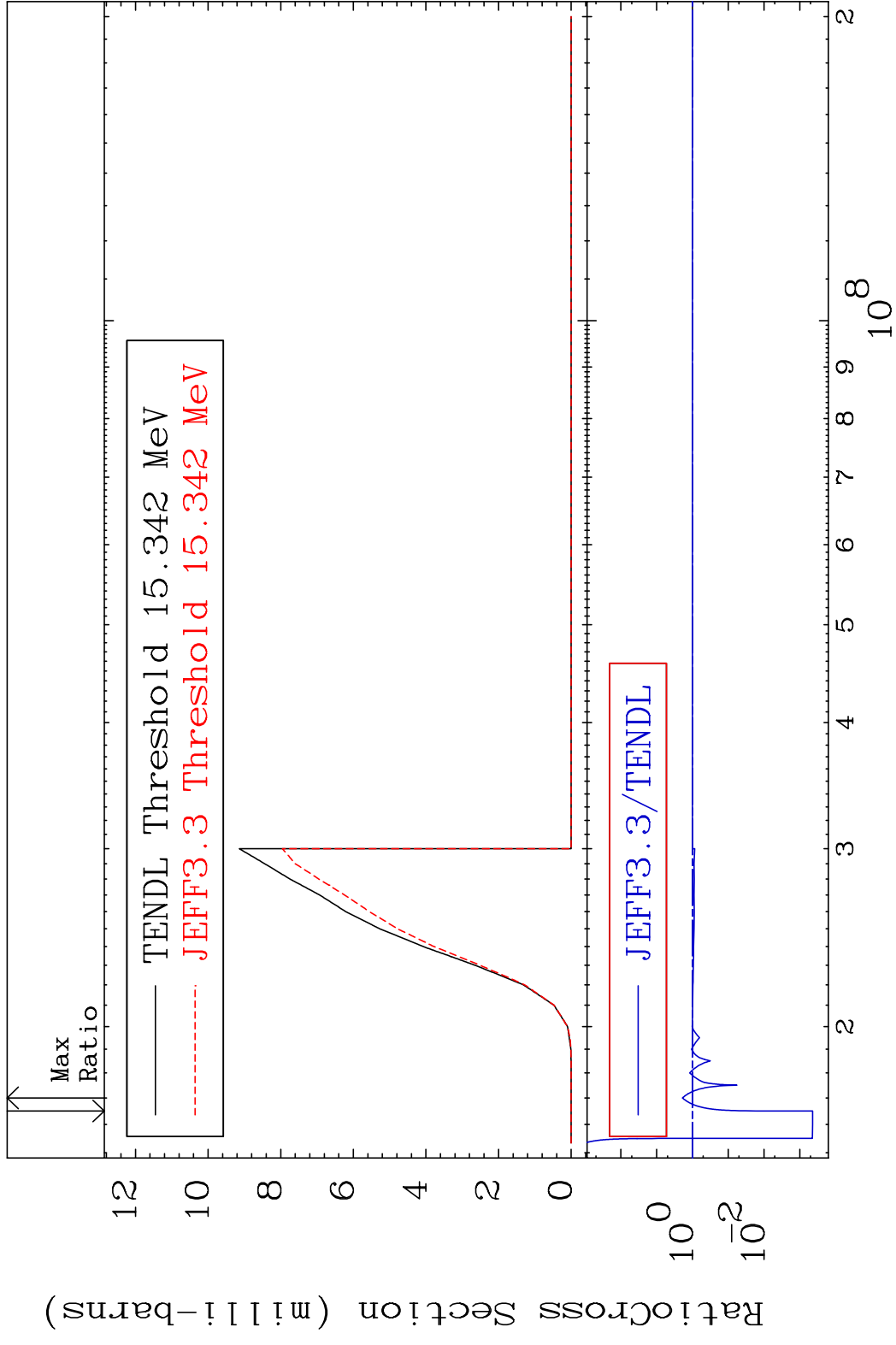
Incident Energy (eV)

22-Ti-46

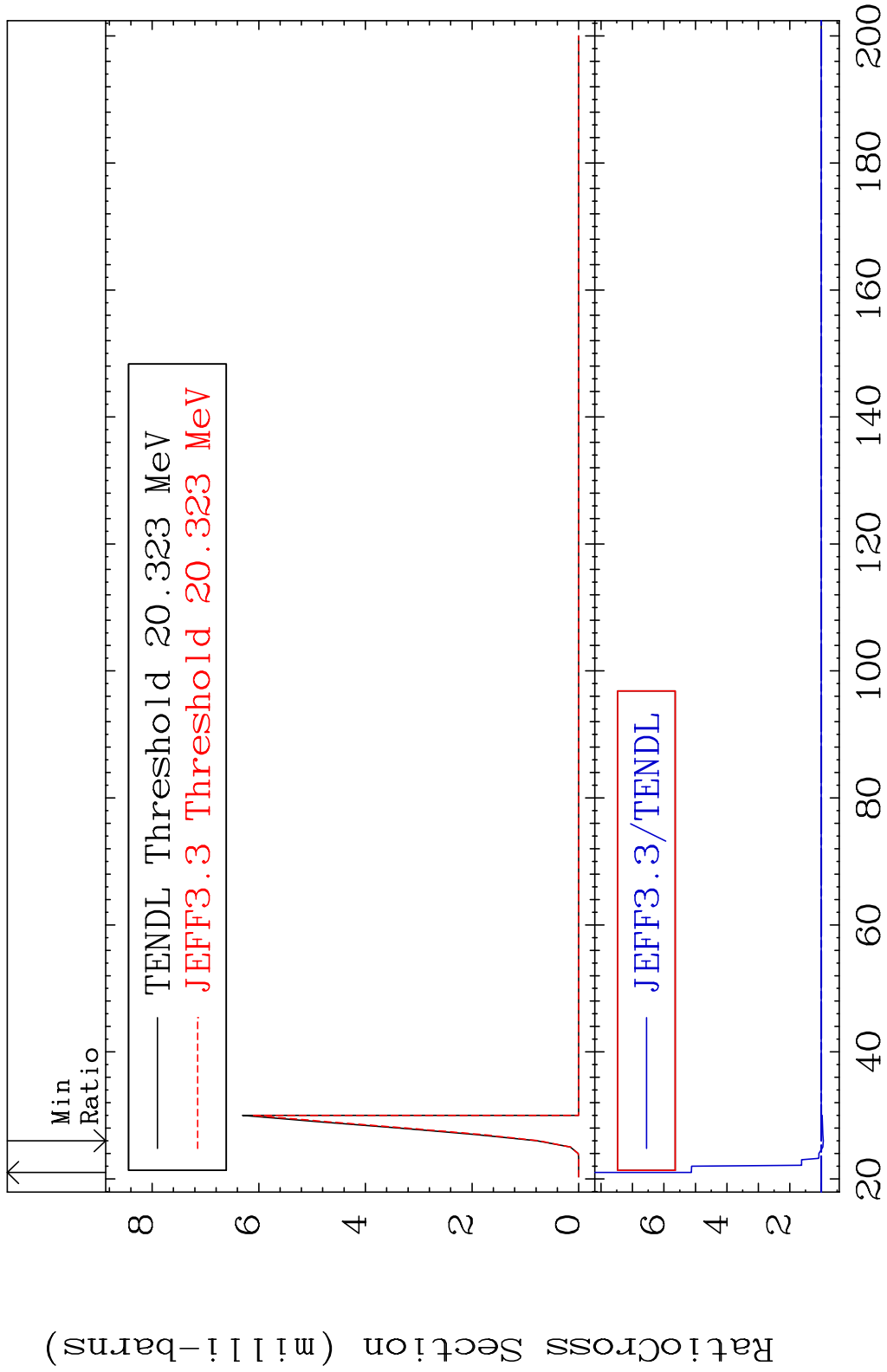
MAT 2225 (n,p) α 22-Ti-46
 Cross Section -64.68 To 566.0 %



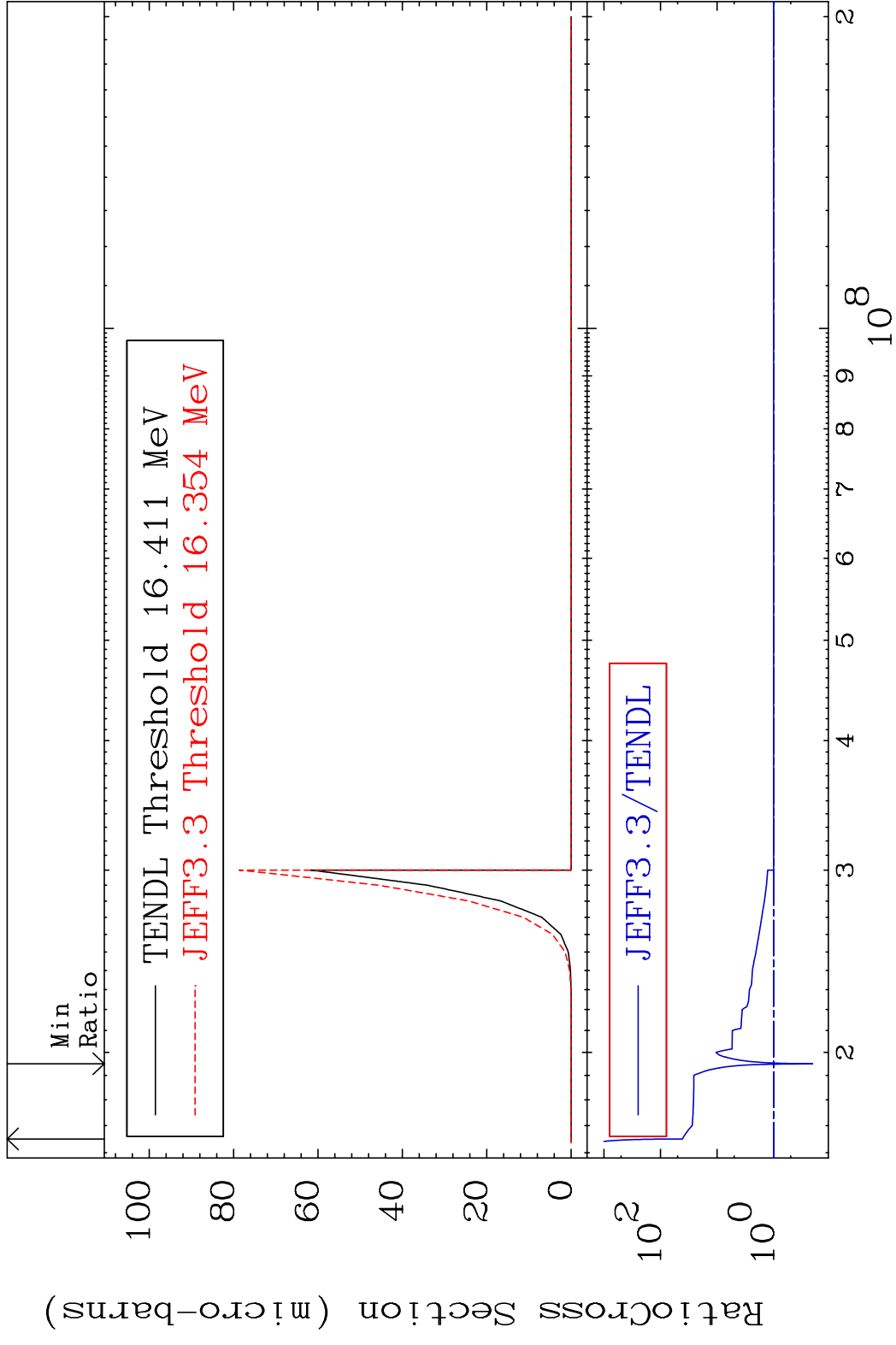
MAT 2225 (n,p) d 22-Ti-46
 Cross Section -99.96 To 91.71 %



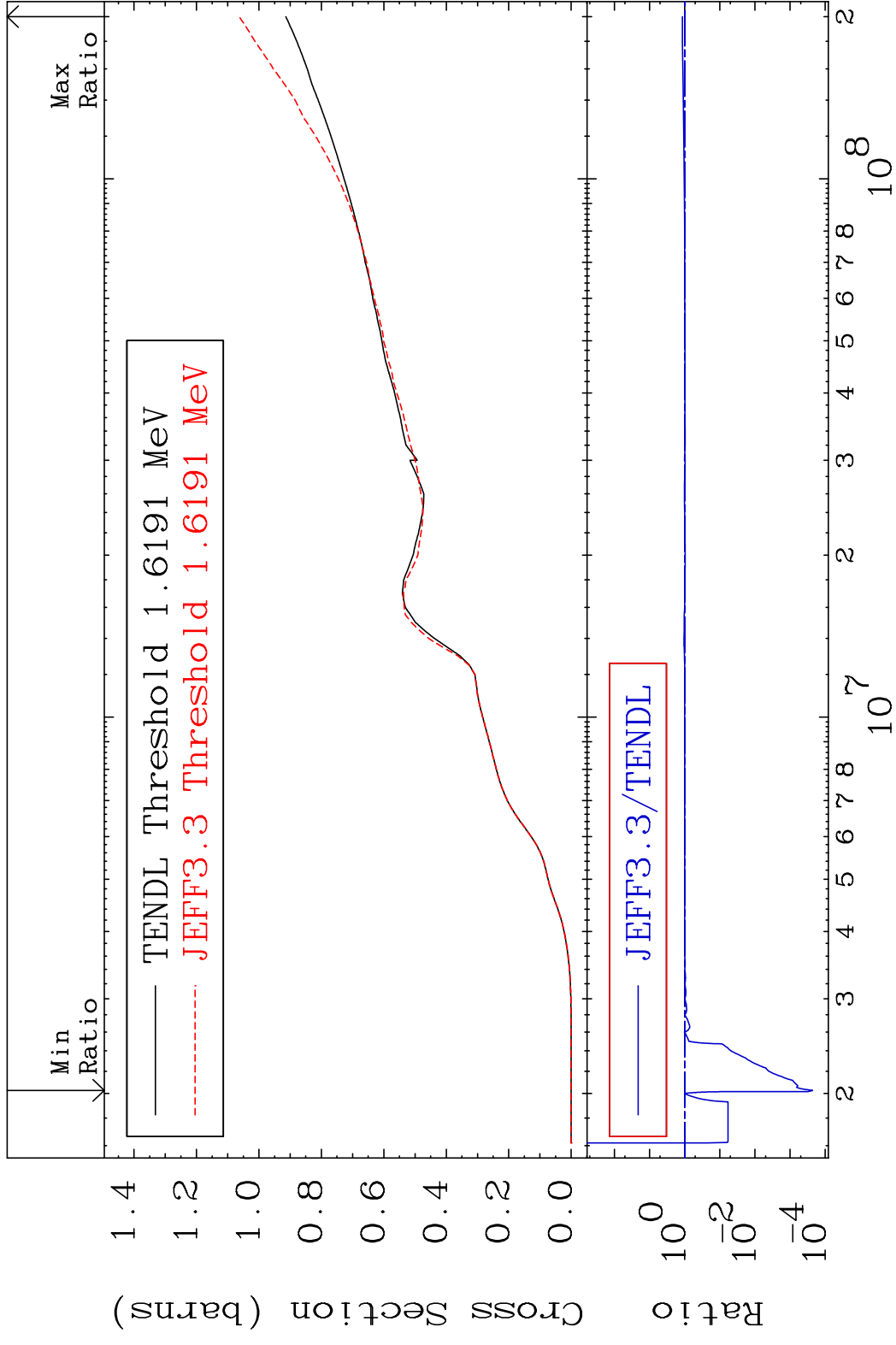
MAT 2225 (n,p) t 22-Ti-46
 Cross Section -6.084 To 413.1 %



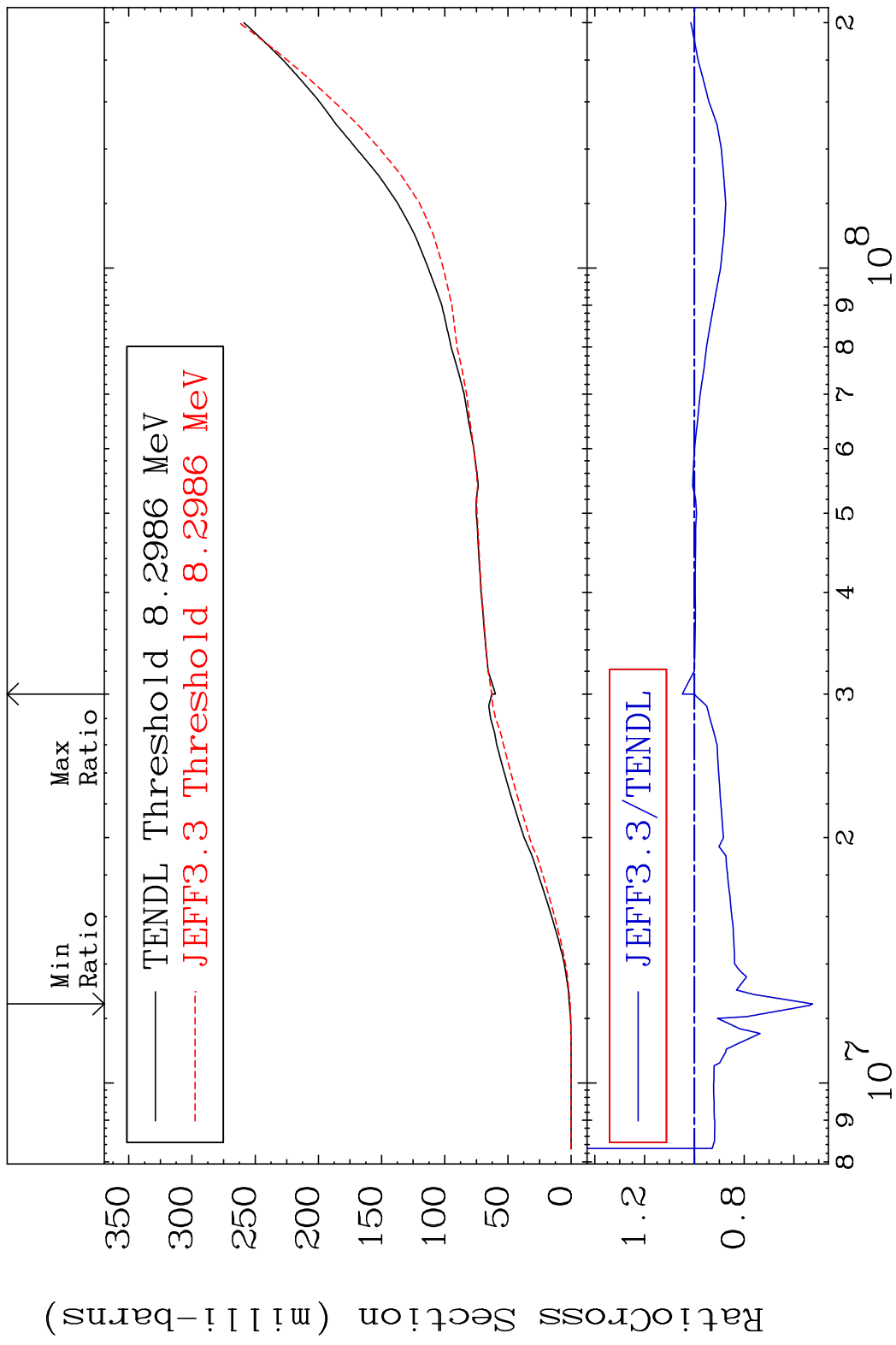
MAT 2225 (n,d) α 22-Ti-46
 Cross Section -79.47 To 4012. %



MAT 2225 Hydrogen Production 22-Ti-46
 Cross Section -99.98 To 16.31 %

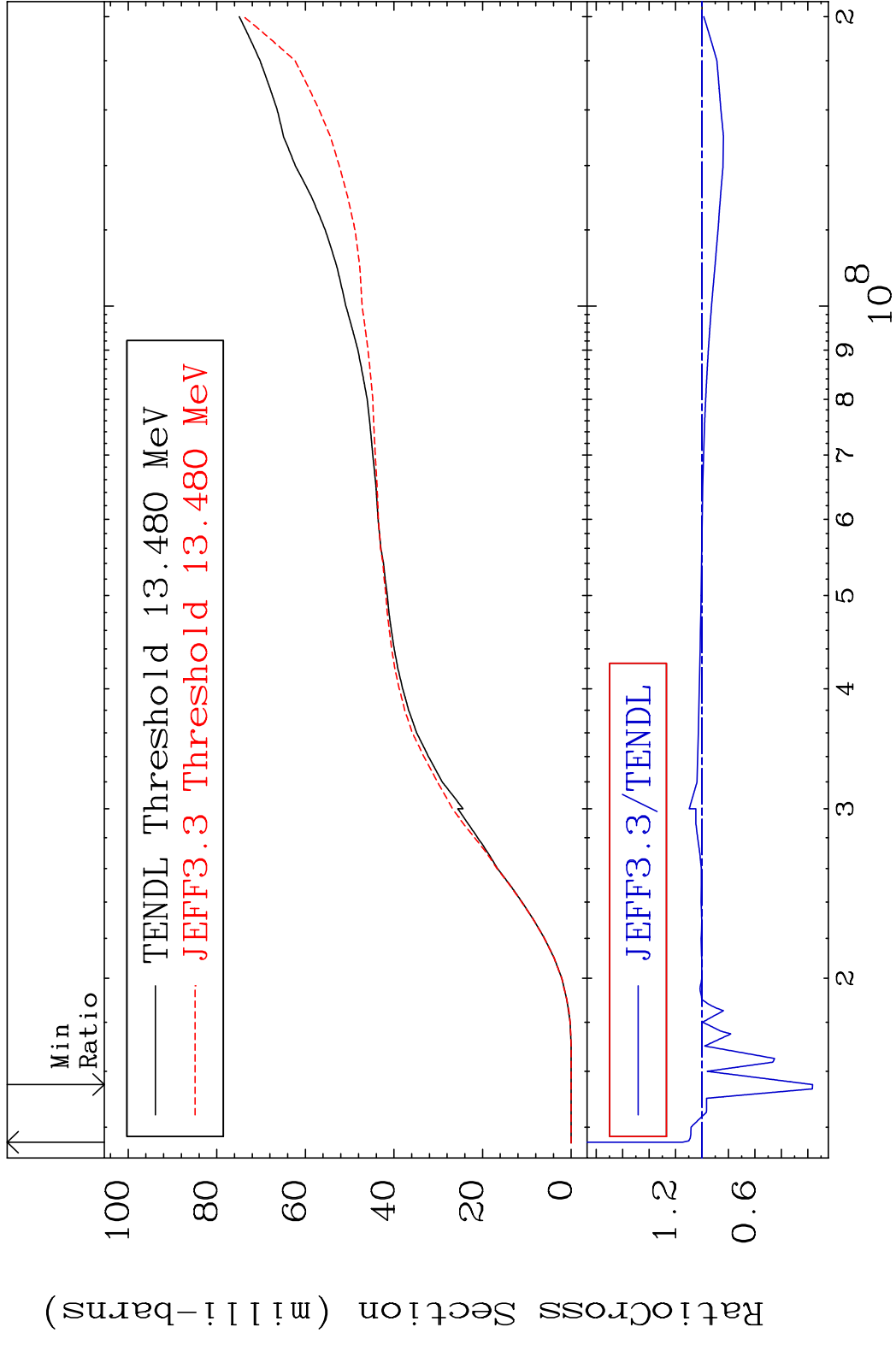


MAT 2225 Deuterium Production $^{22}\text{Ti-46}$
 Cross Section -47.51 To 4.832 %



61 $^{22}\text{Ti-46}$

MAT 2225 Tritium Production $^{22}\text{Ti-46}$
 Cross Section -83.58 To 14.86 %

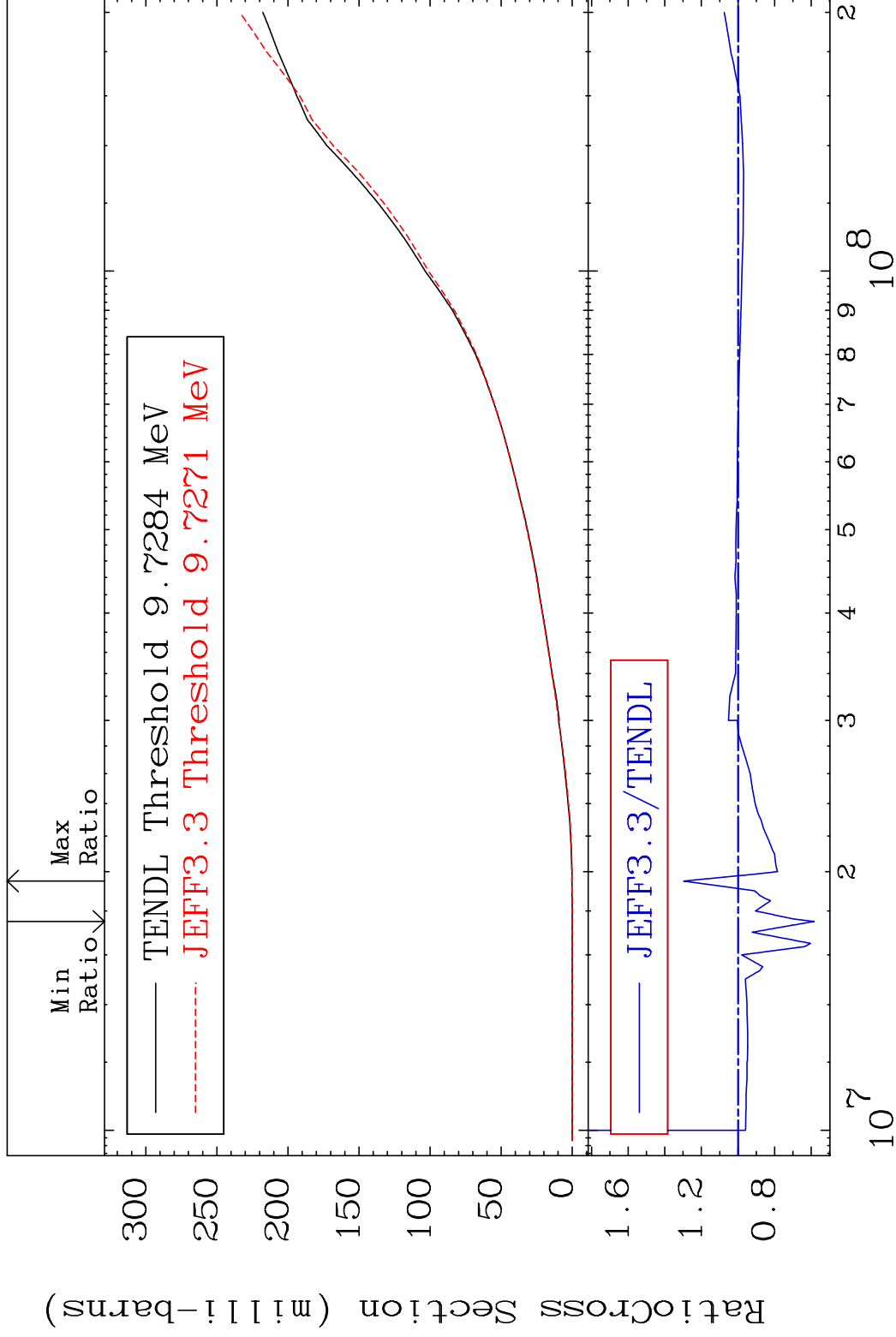


MAT 2225

He-3 Production

22-Ti-46

Cross Section -41.61 To 29.69 %



63

Incident Energy (eV)

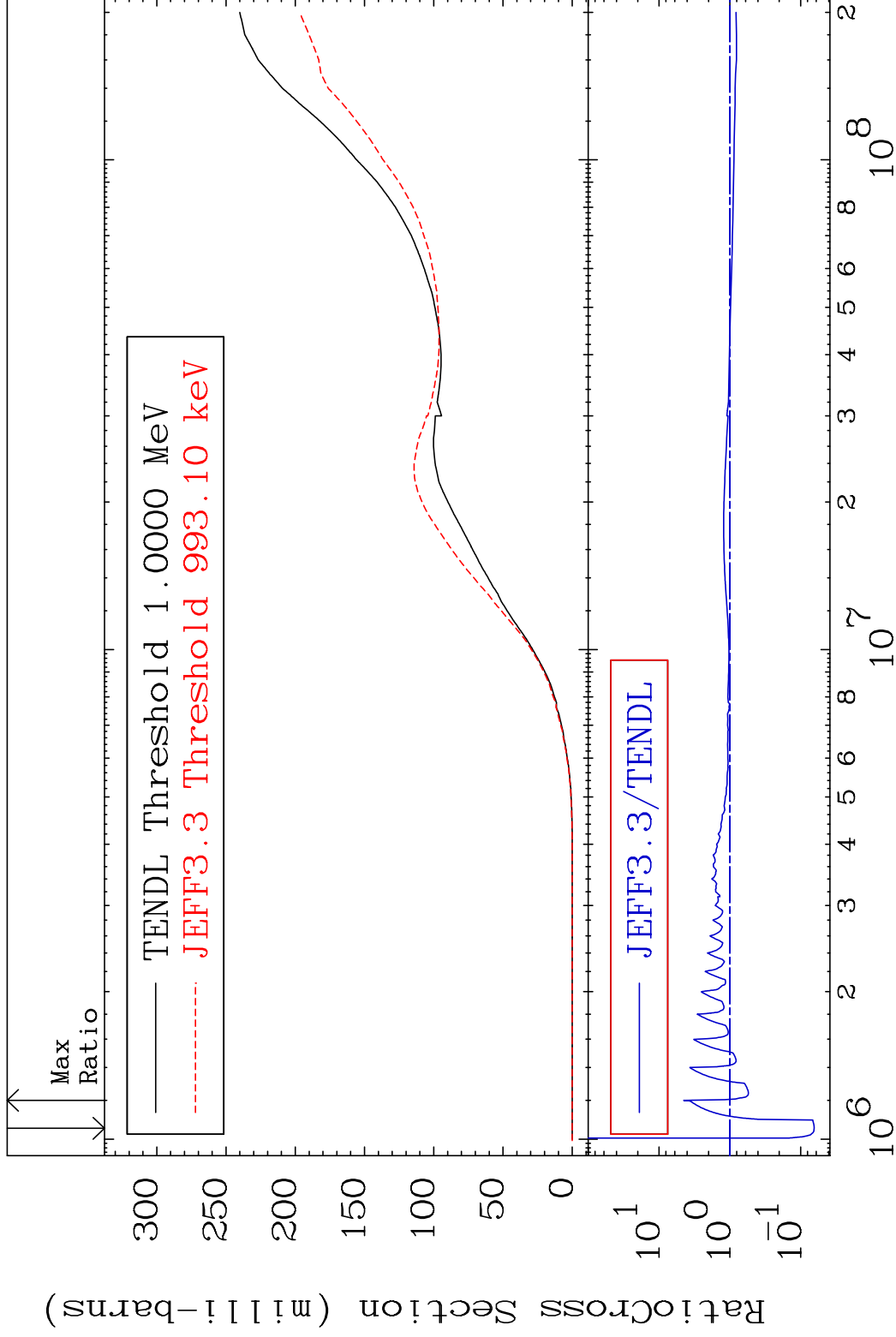
22-Ti-46

MAT 2225

He-4 Production

²²Ti-46

Cross Section -93.55 To 348.9 %

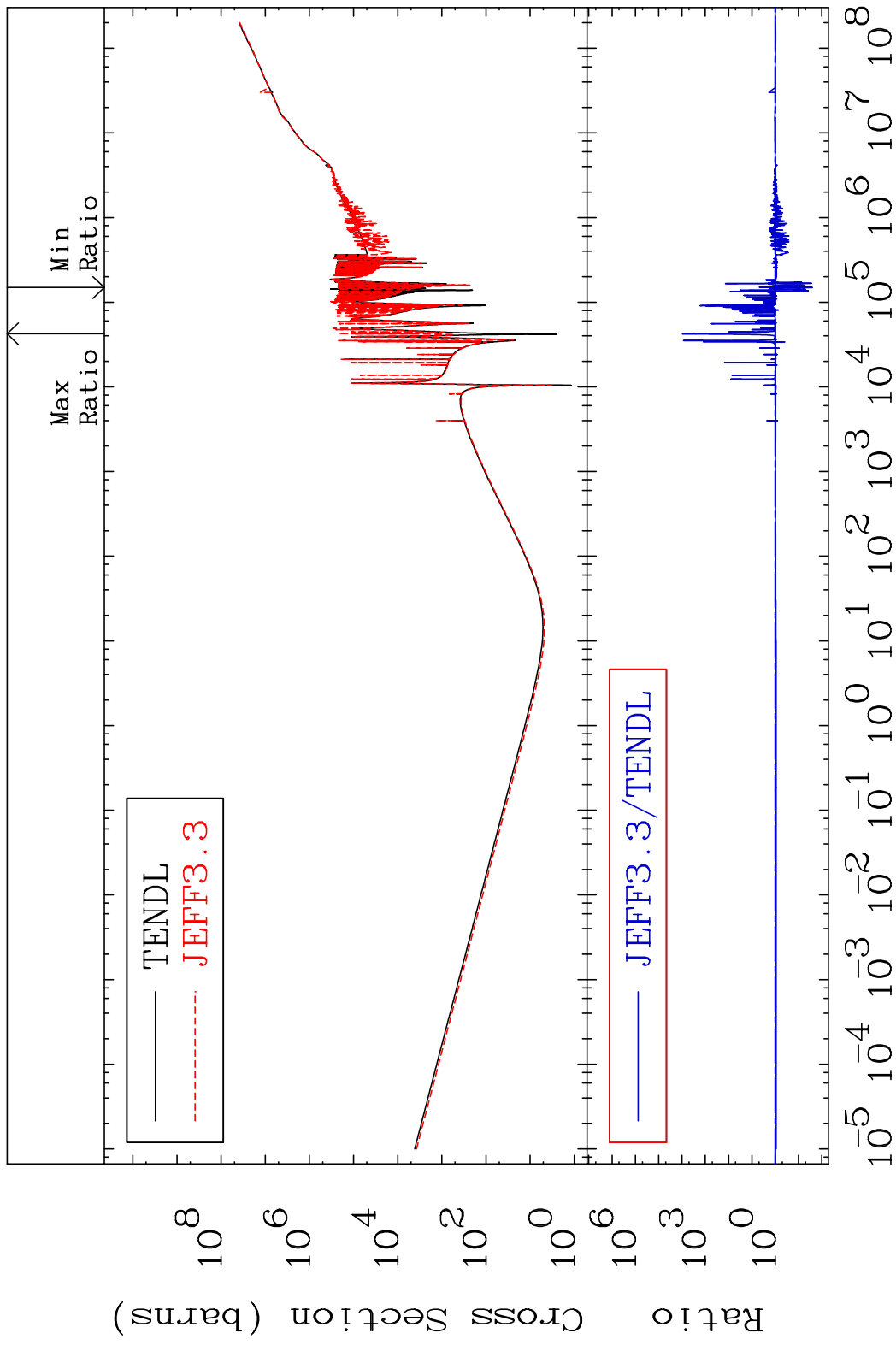


64

Incident Energy (eV)

²²Ti-46

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

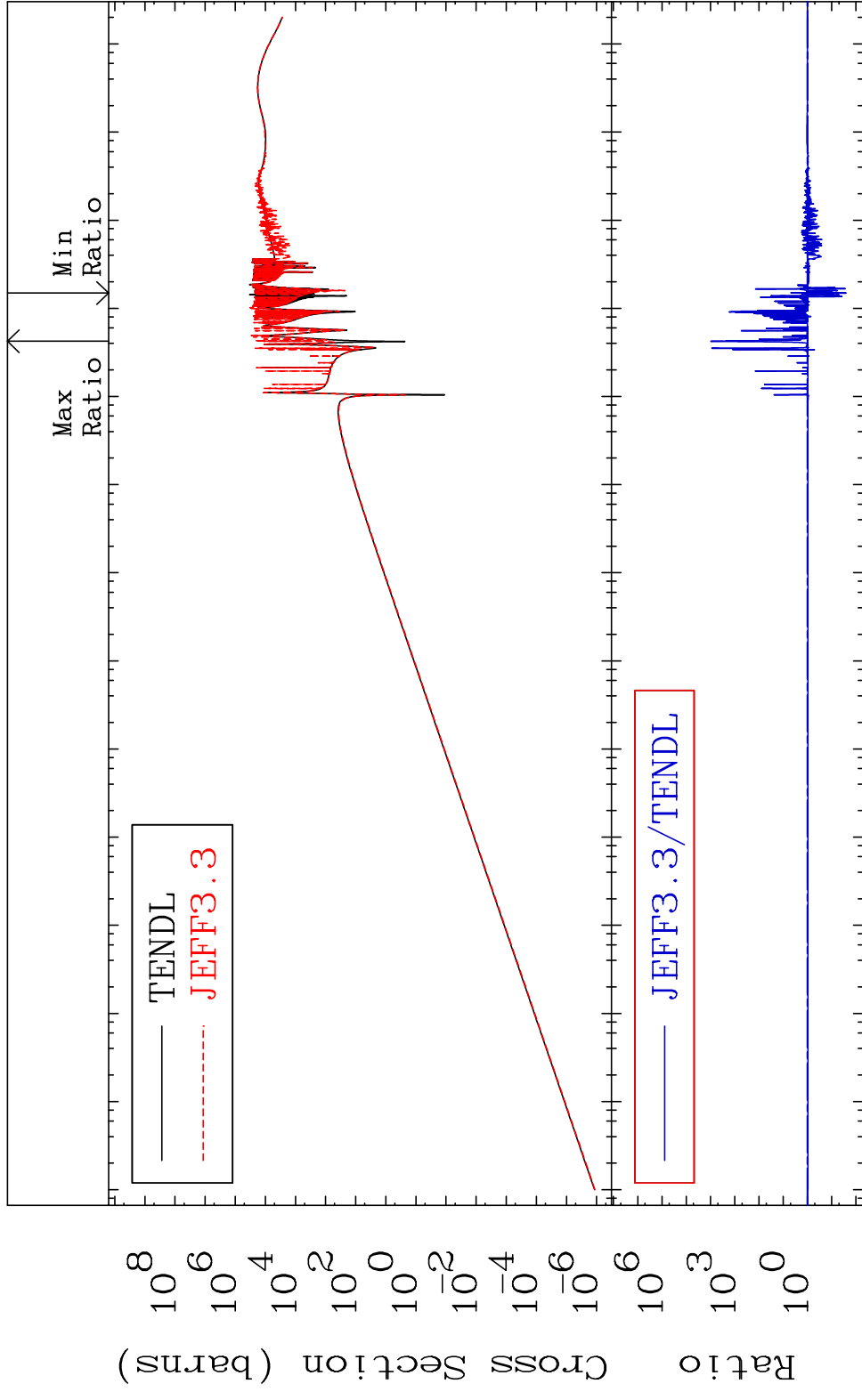


65 Incident Energy (eV) 22-Ti-46

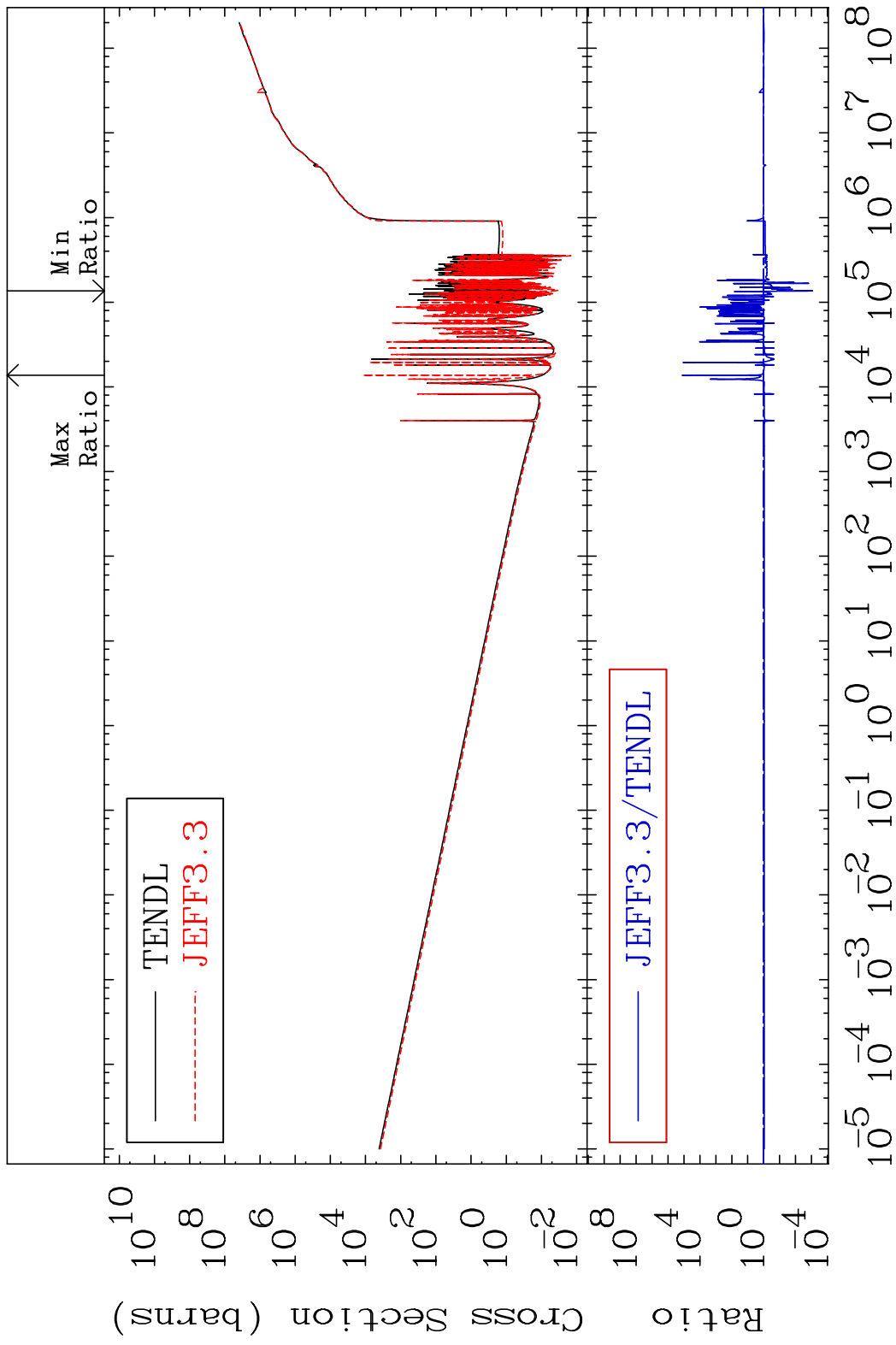
MAT 2225

Kerma elastic
Cross Section

22-Ti-46
-97.50 To 9999. %

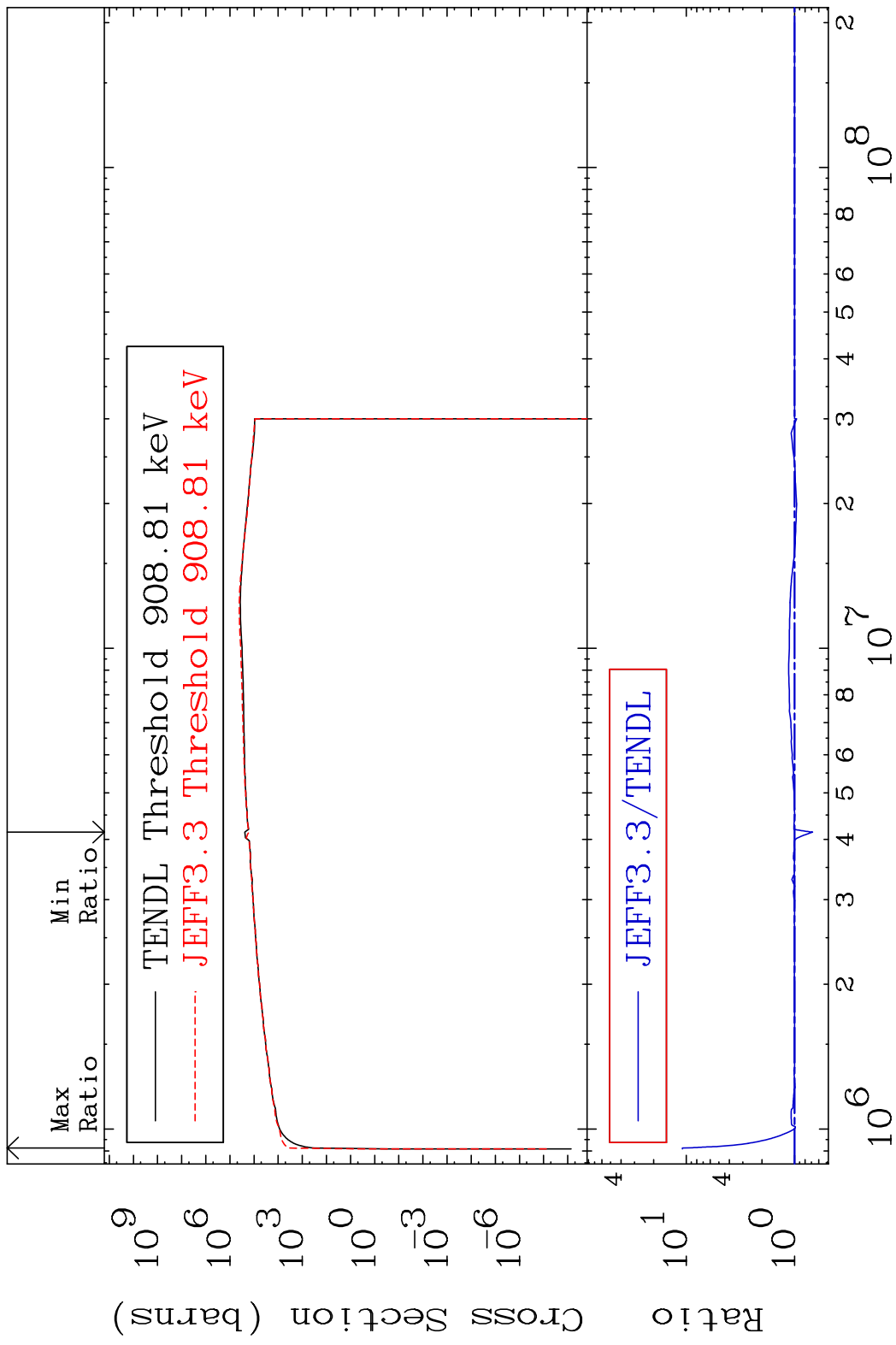


MAT 2225 Kerma non-elastic (all but mt2) 22-Ti-46
 Cross Section -99.91 To 9999. %



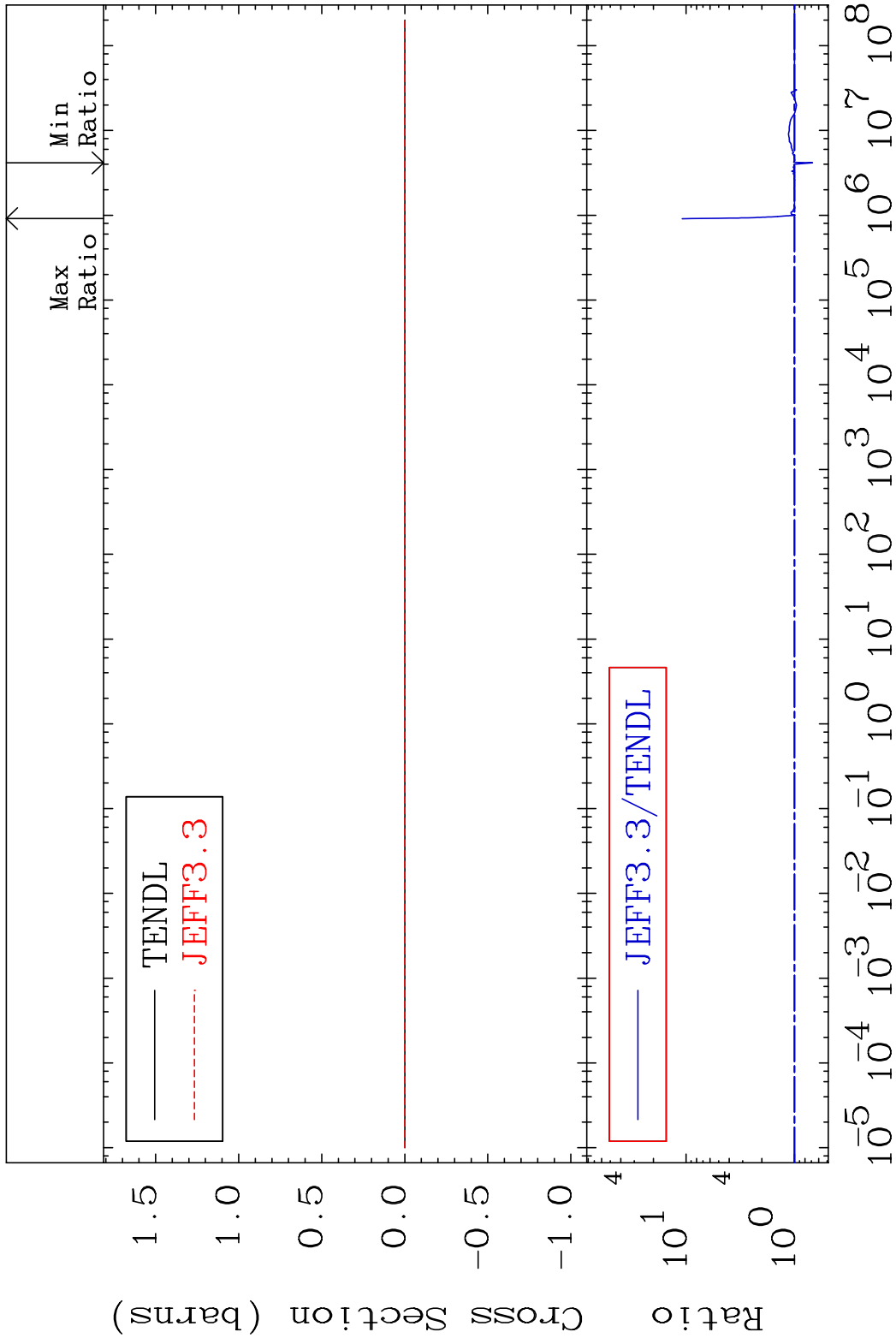
67 Incident Energy (eV) 22-Ti-46

MAT 2225 Kerma inelastic (mt51-91) 22-Ti-46
 Cross Section -31.64 To 985.9 %



68 Incident Energy (eV) 22-Ti-46

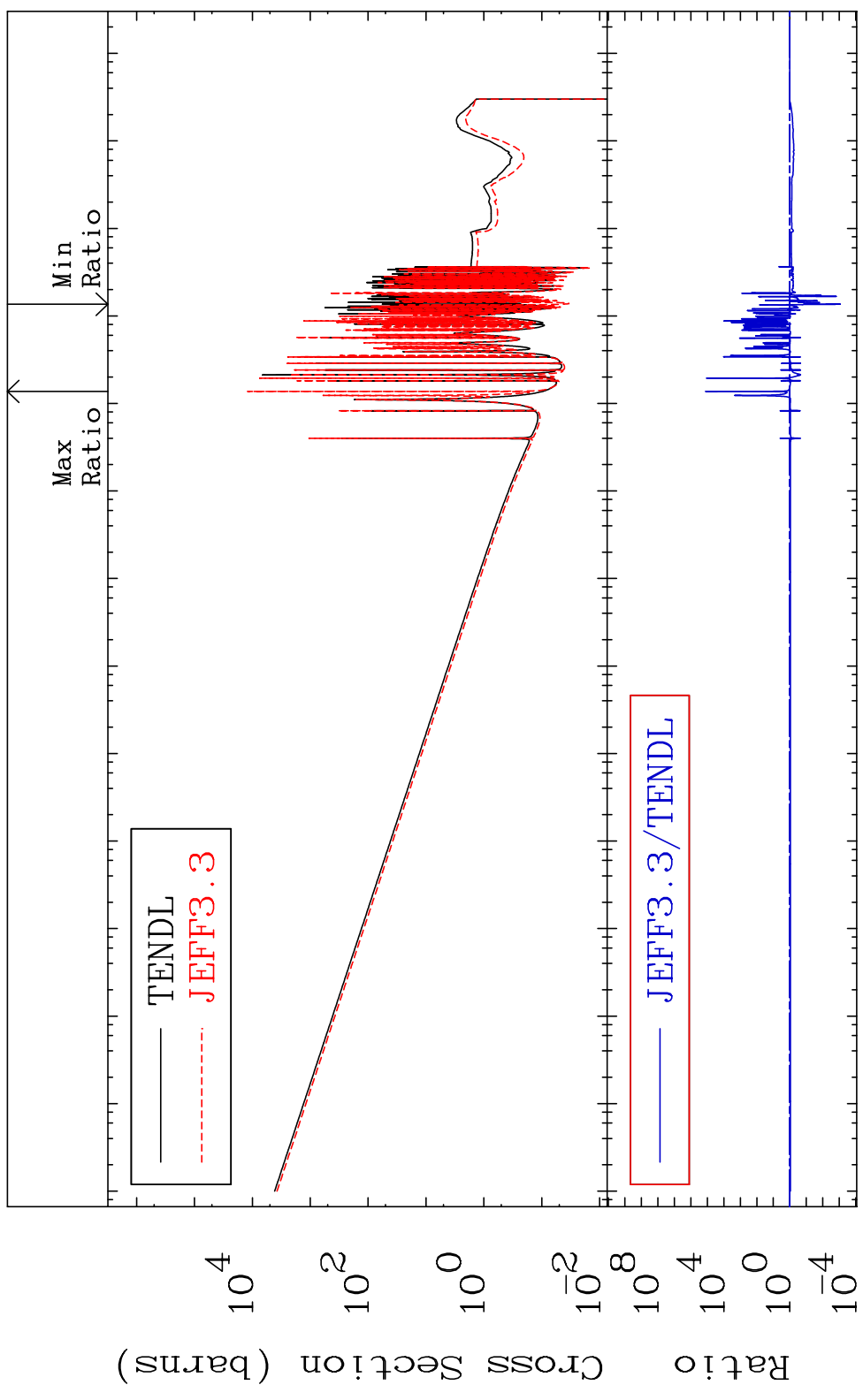
MAT 2225 Kerma fission (mt18 or mt19-20-21-38) 22-Ti-46
 Cross Section -31.64 To 985.9 %



MAT 2225

Kerma capture (mt102) 22-Ti-46

Cross Section -99.91 To 9999. %

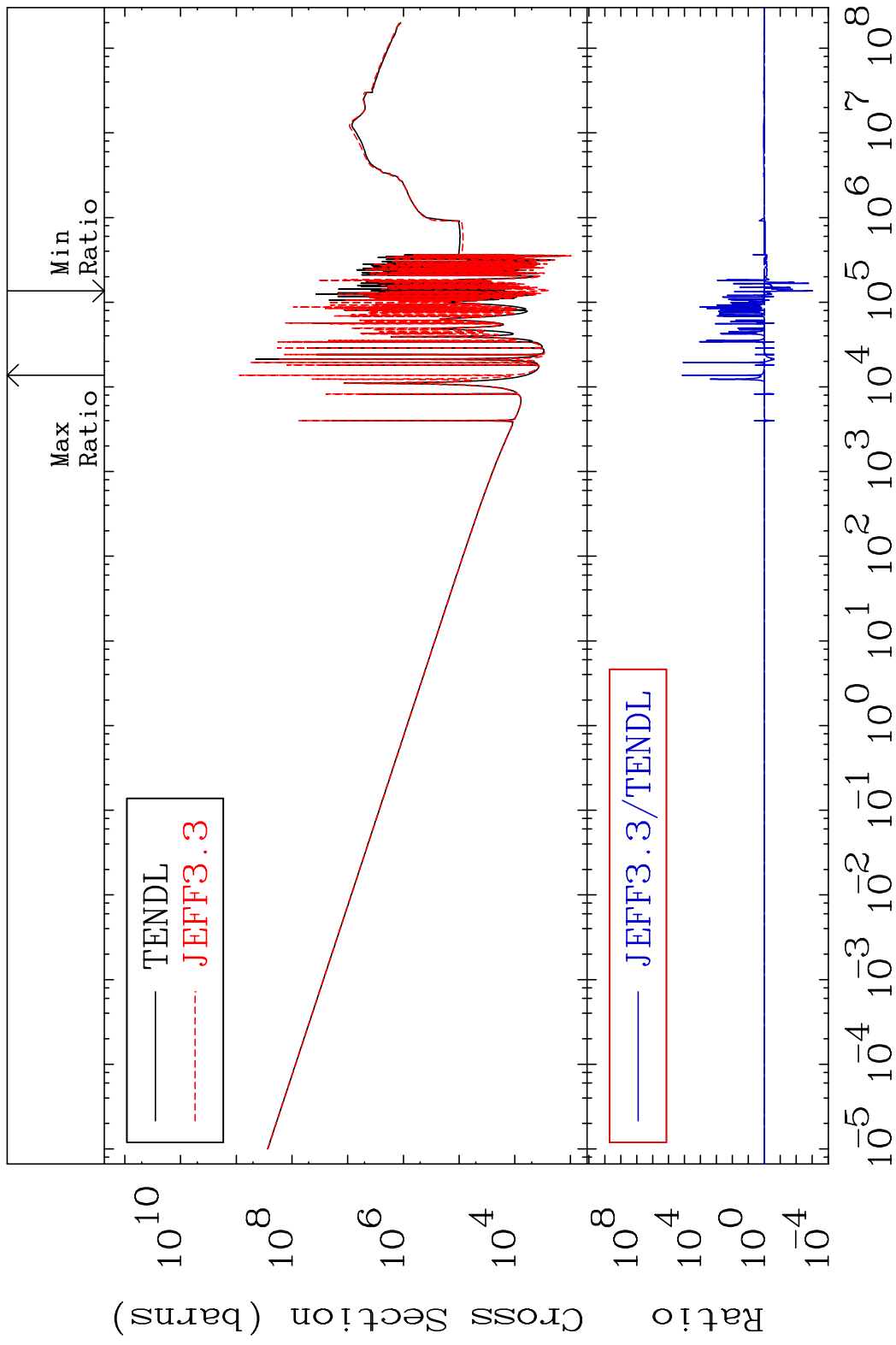


70

Incident Energy (eV)

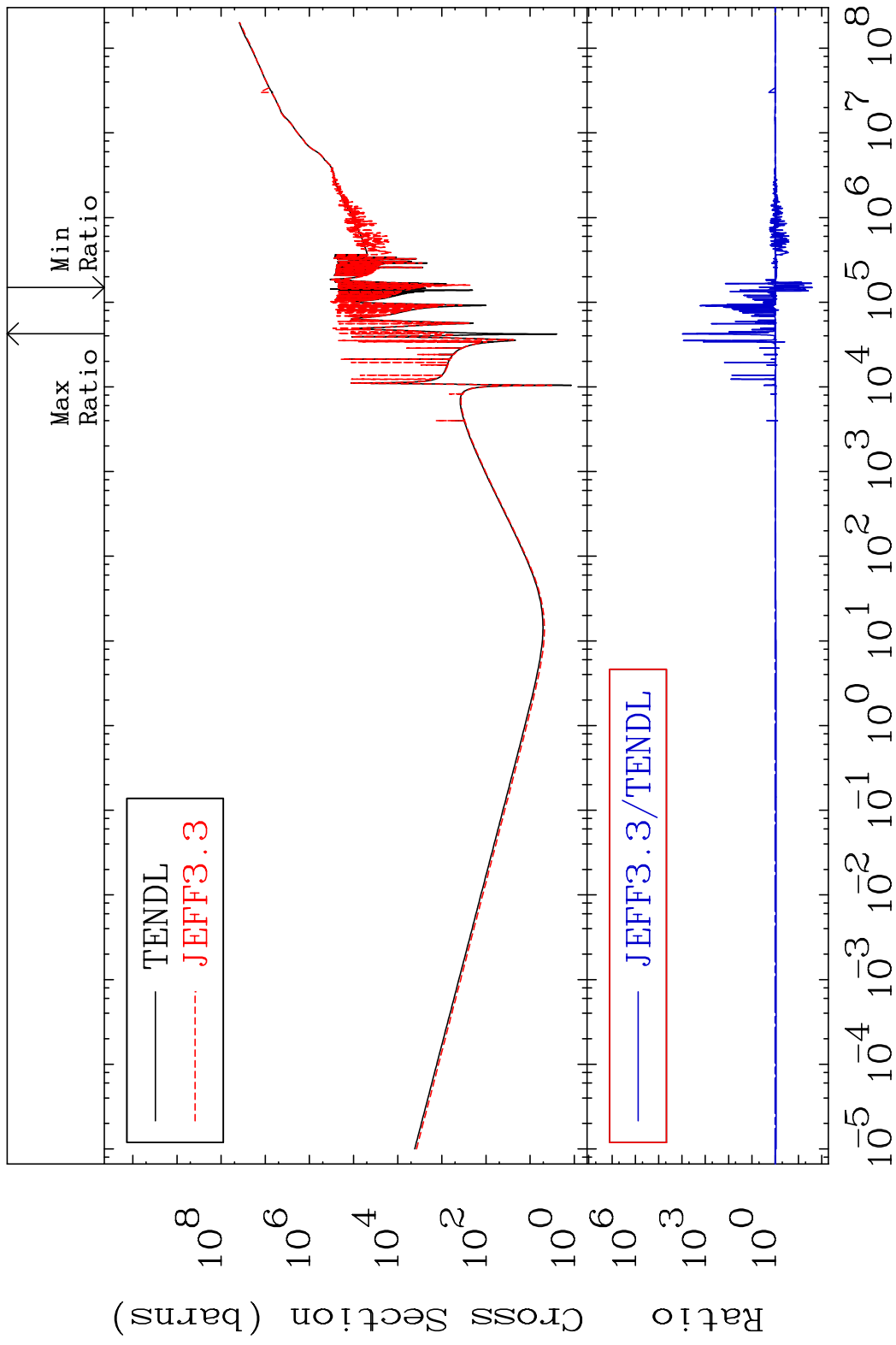
22-Ti-46

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

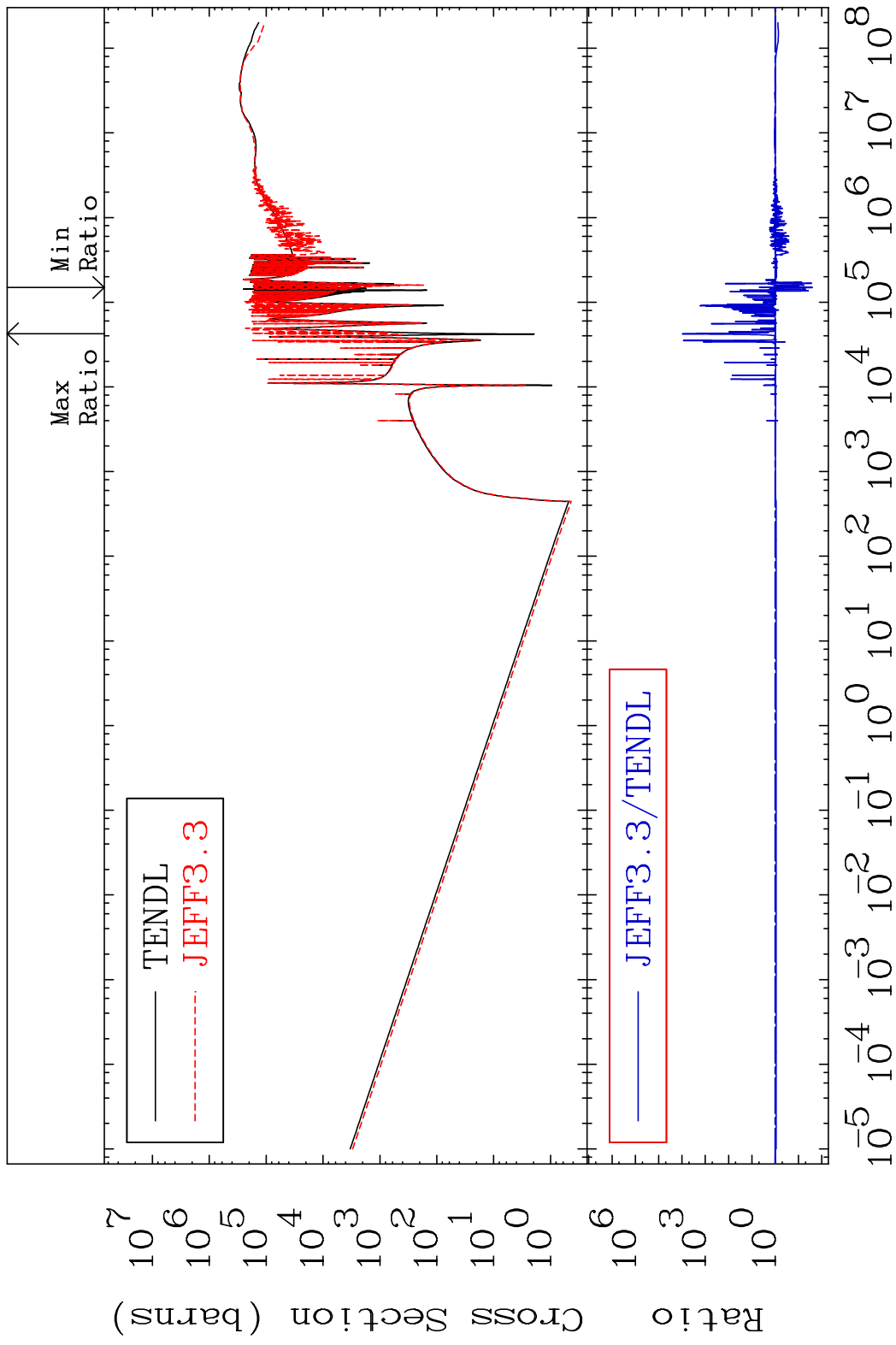


71 Incident Energy (eV) 22-Ti-46

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



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



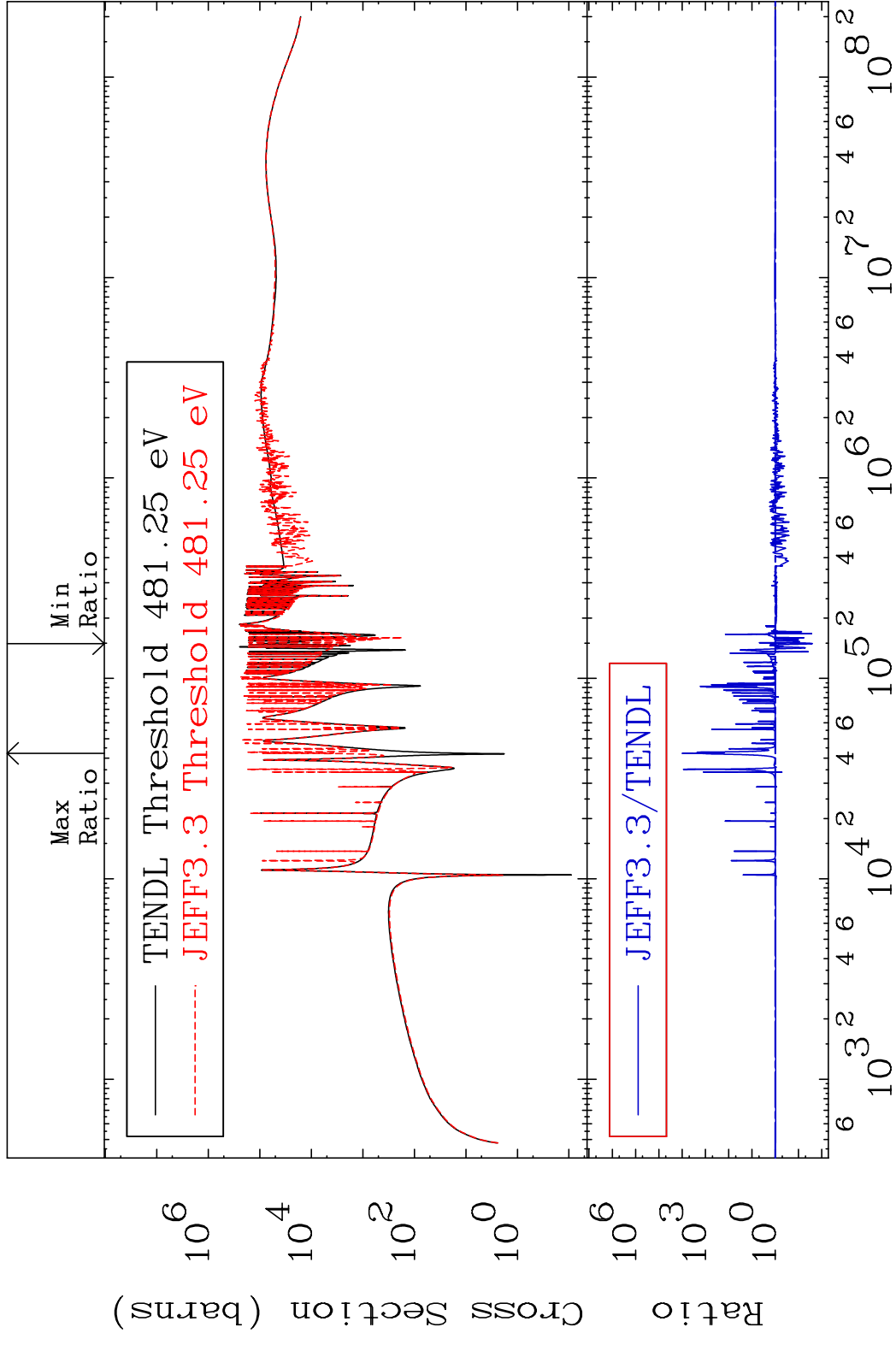
73 Incident Energy (eV) 22-Ti-46

MAT 2225

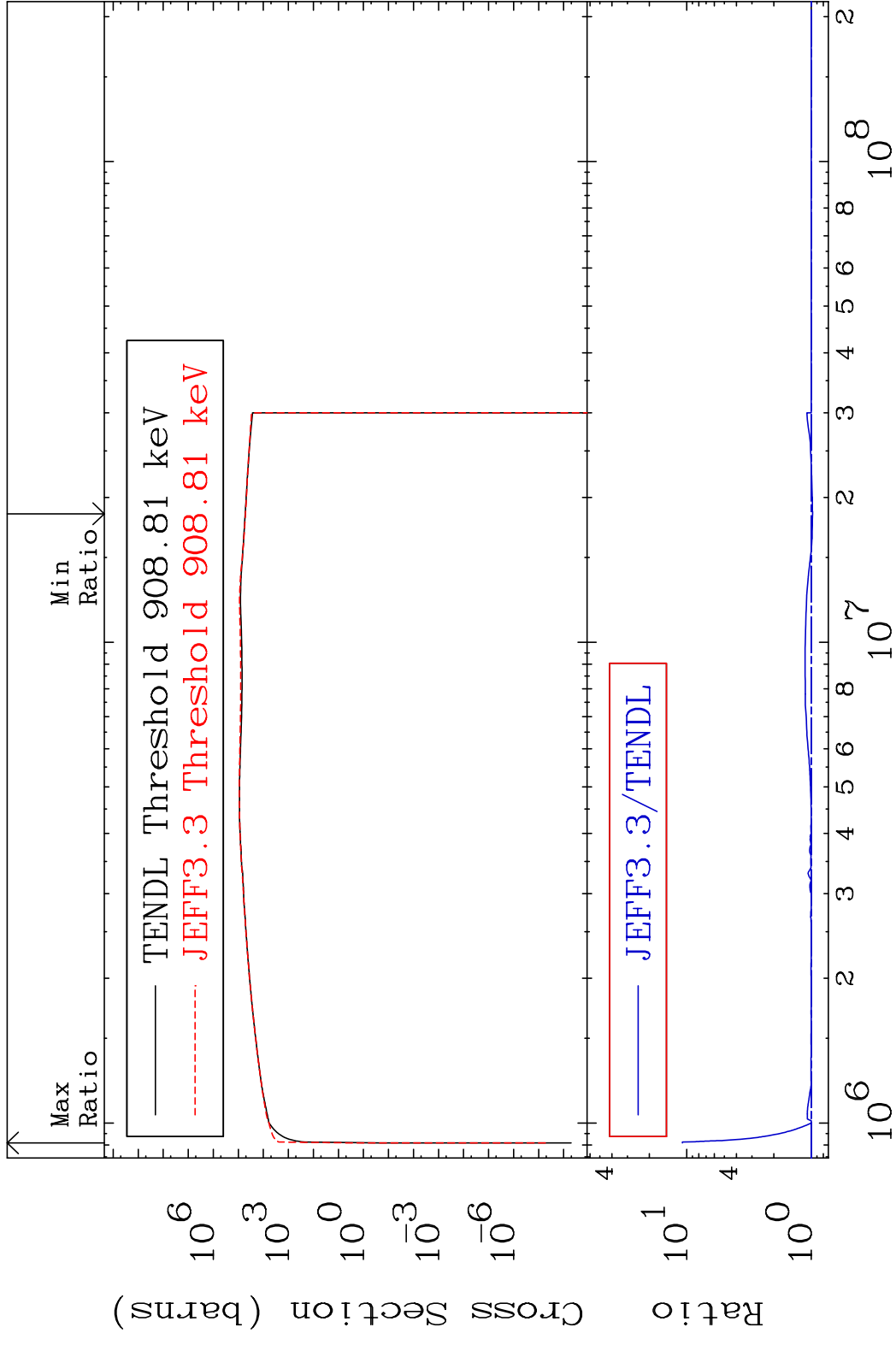
Dpa elastic (mt2)

22-Ti-46

Cross Section -97.50 To 9999. %

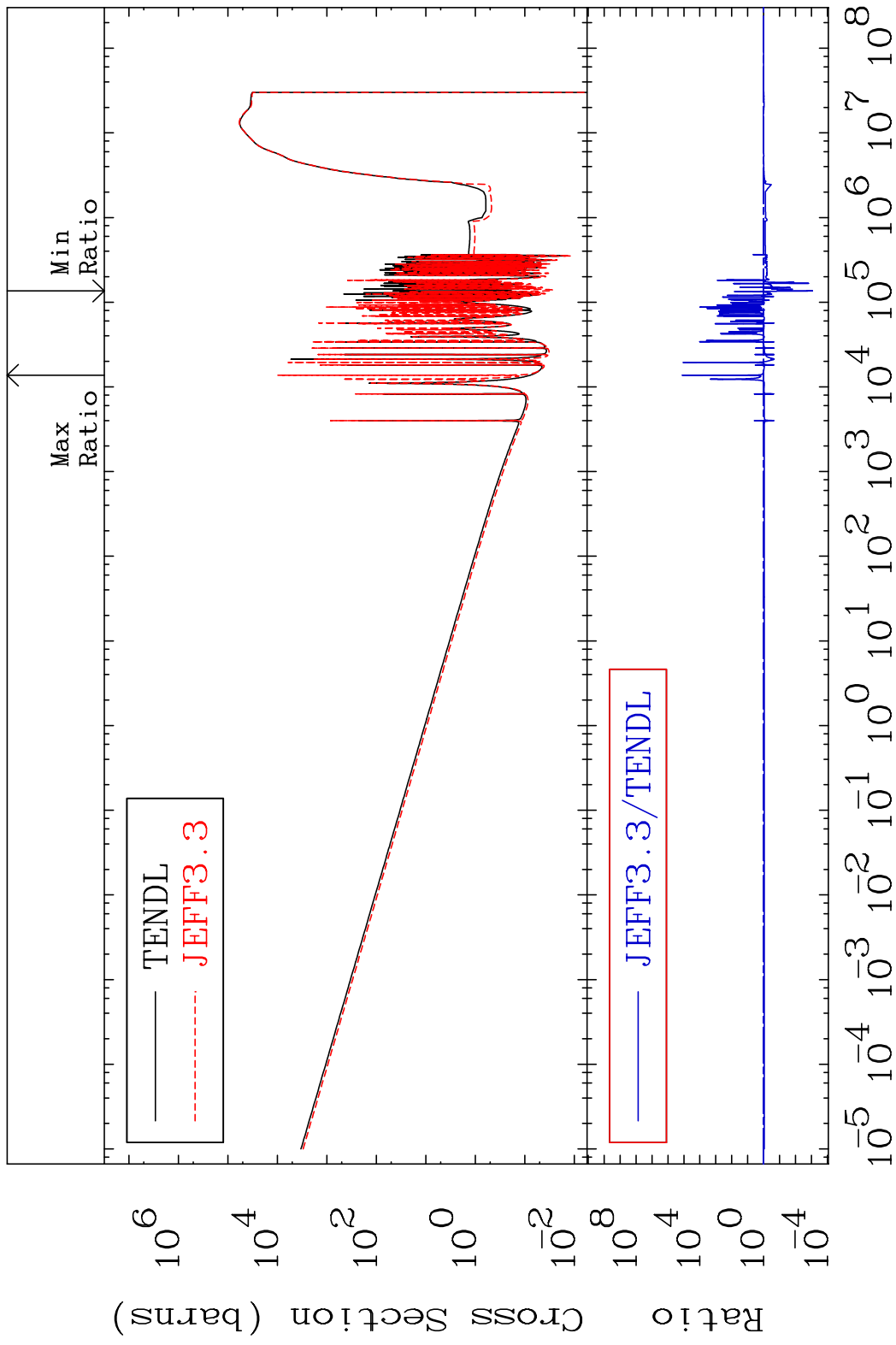


MAT 2225 Dpa inelastic (mt51-91) 22-Ti-46
 Cross Section -2.362 To 985.9 %



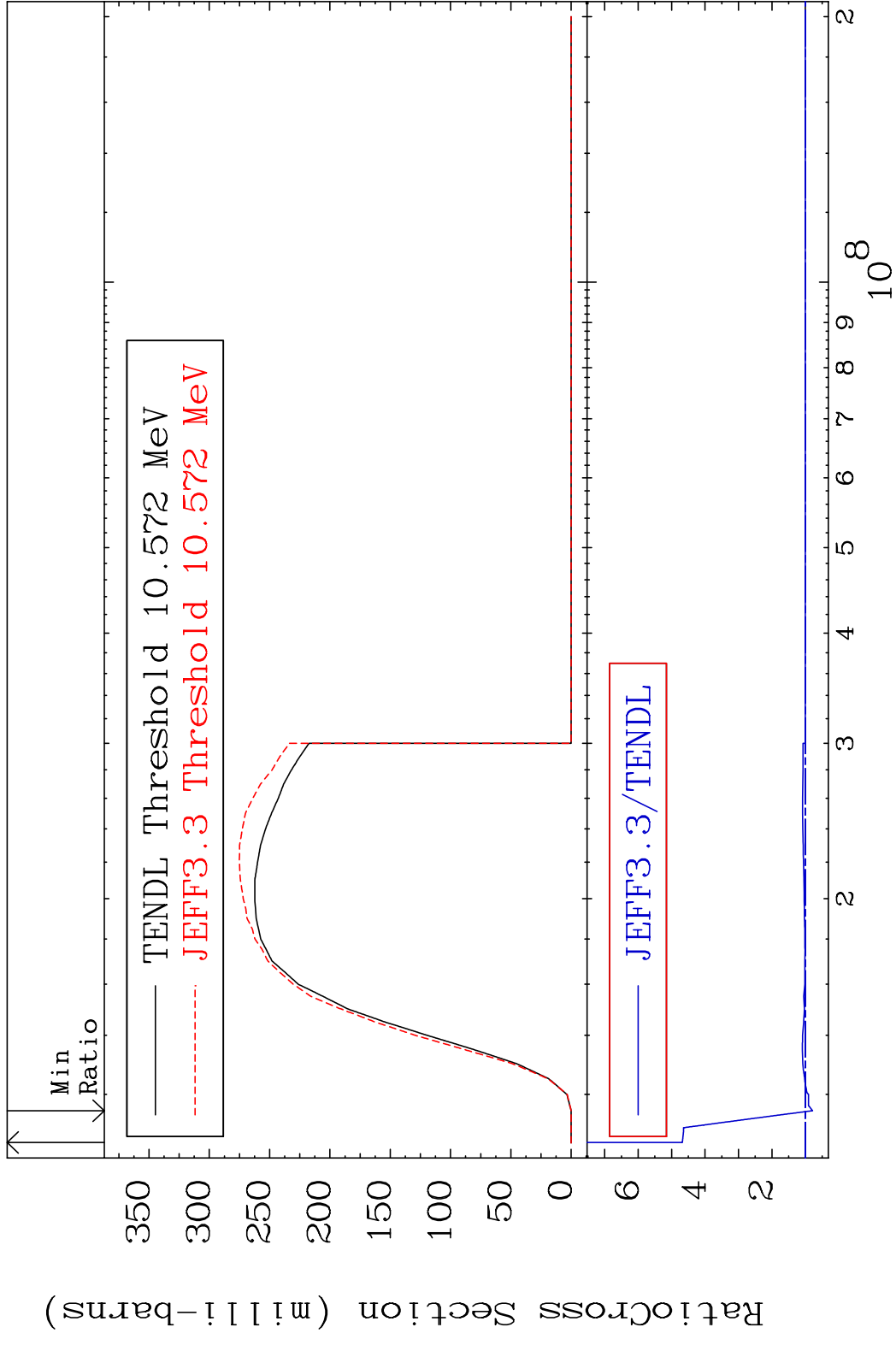
75 Incident Energy (eV) 22-Ti-46

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

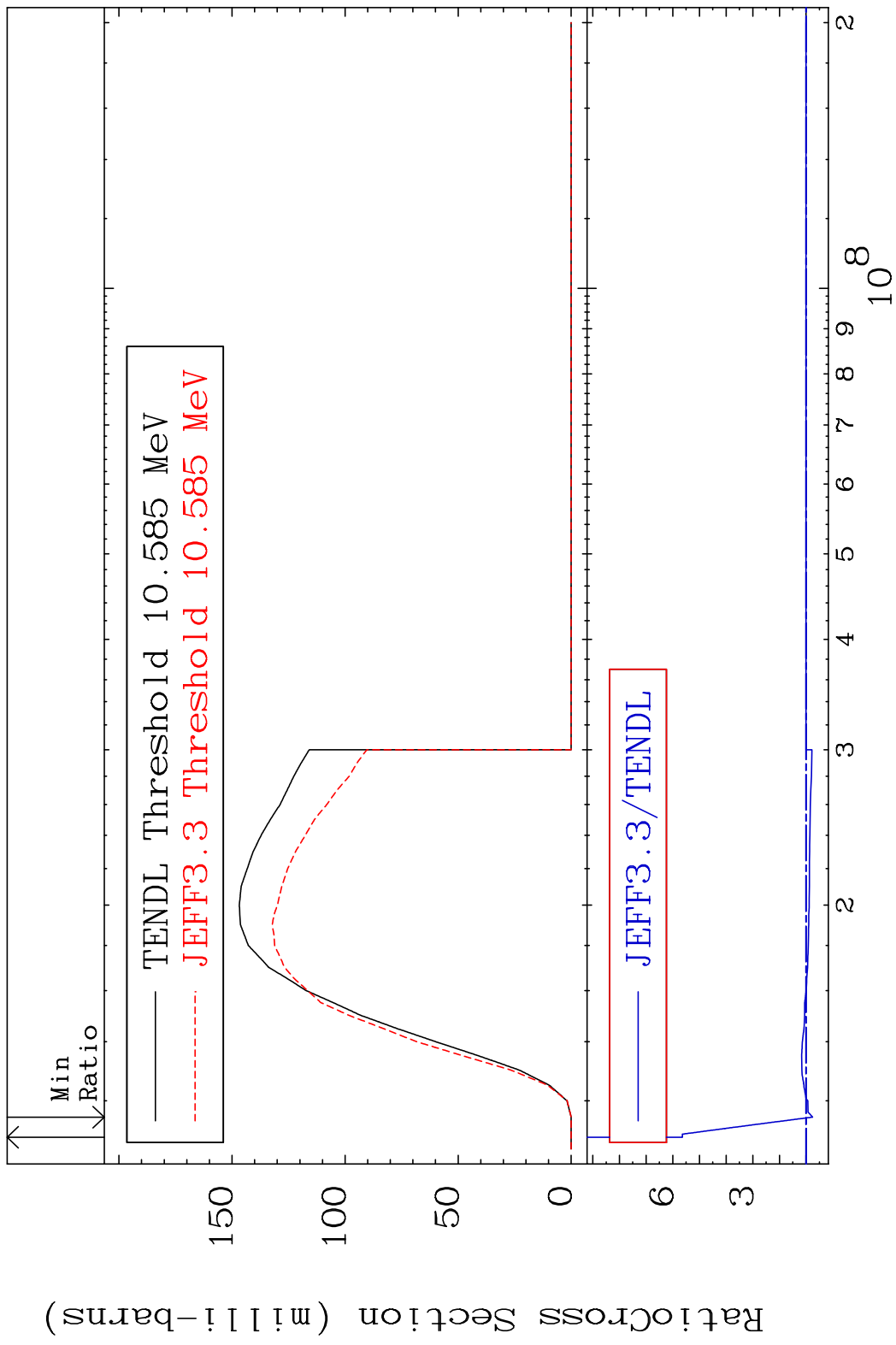


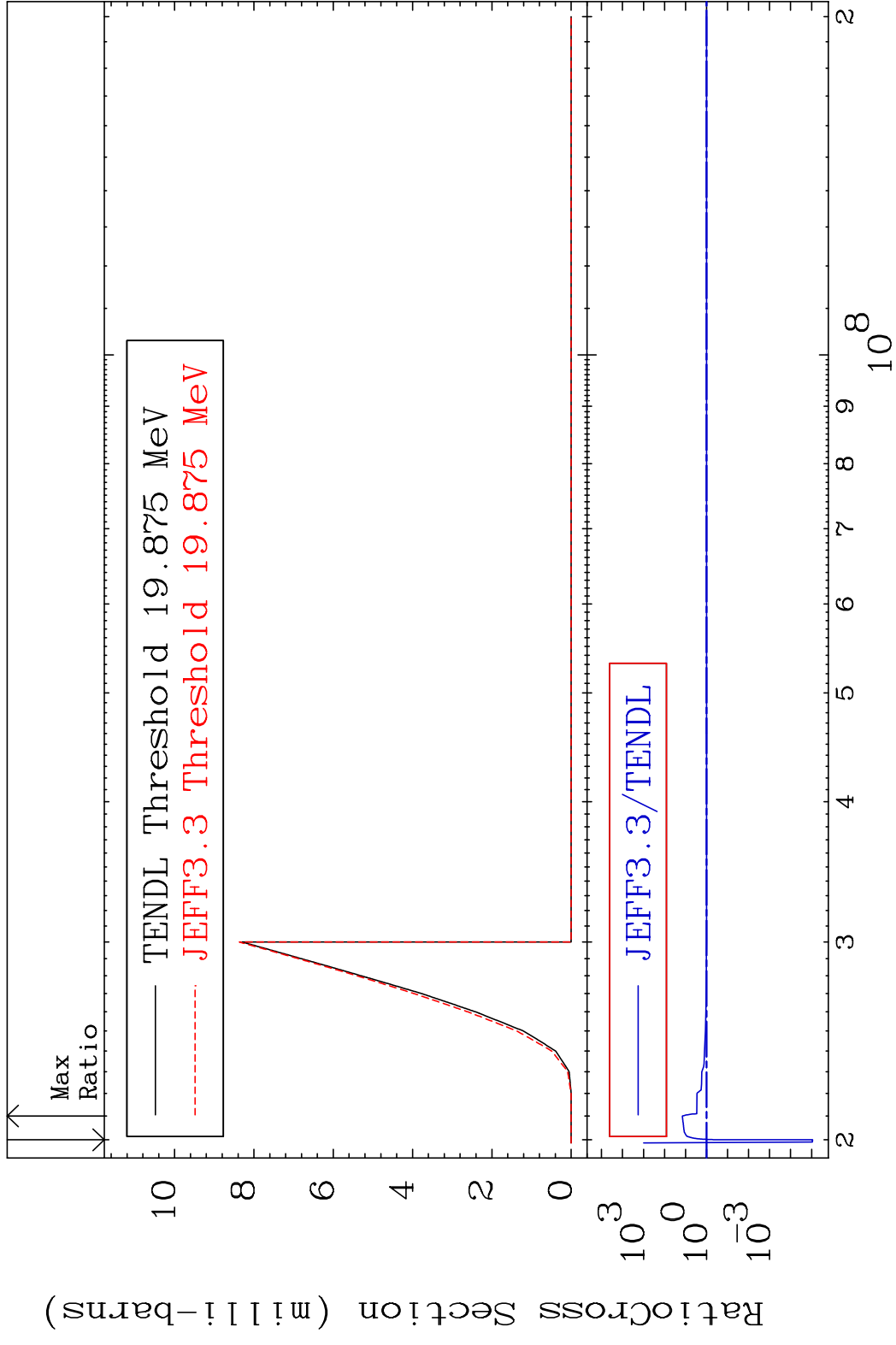
76 Incident Energy (eV) 22-Ti-46

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

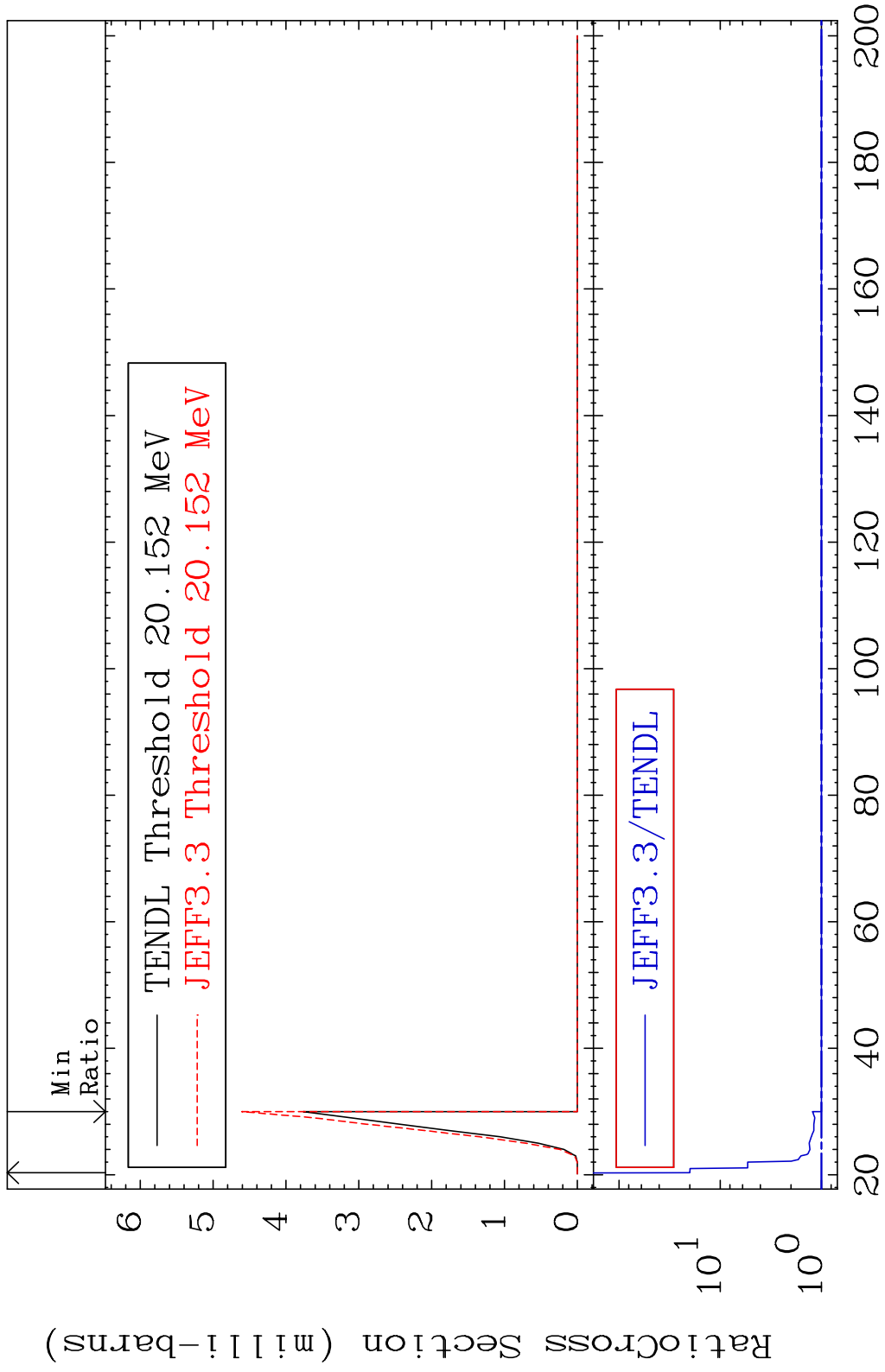


MAT 2225 (n, n') p:21-Sc-45m1 22-Ti-46
 Radionuclide Production Cross Section 464.1 %



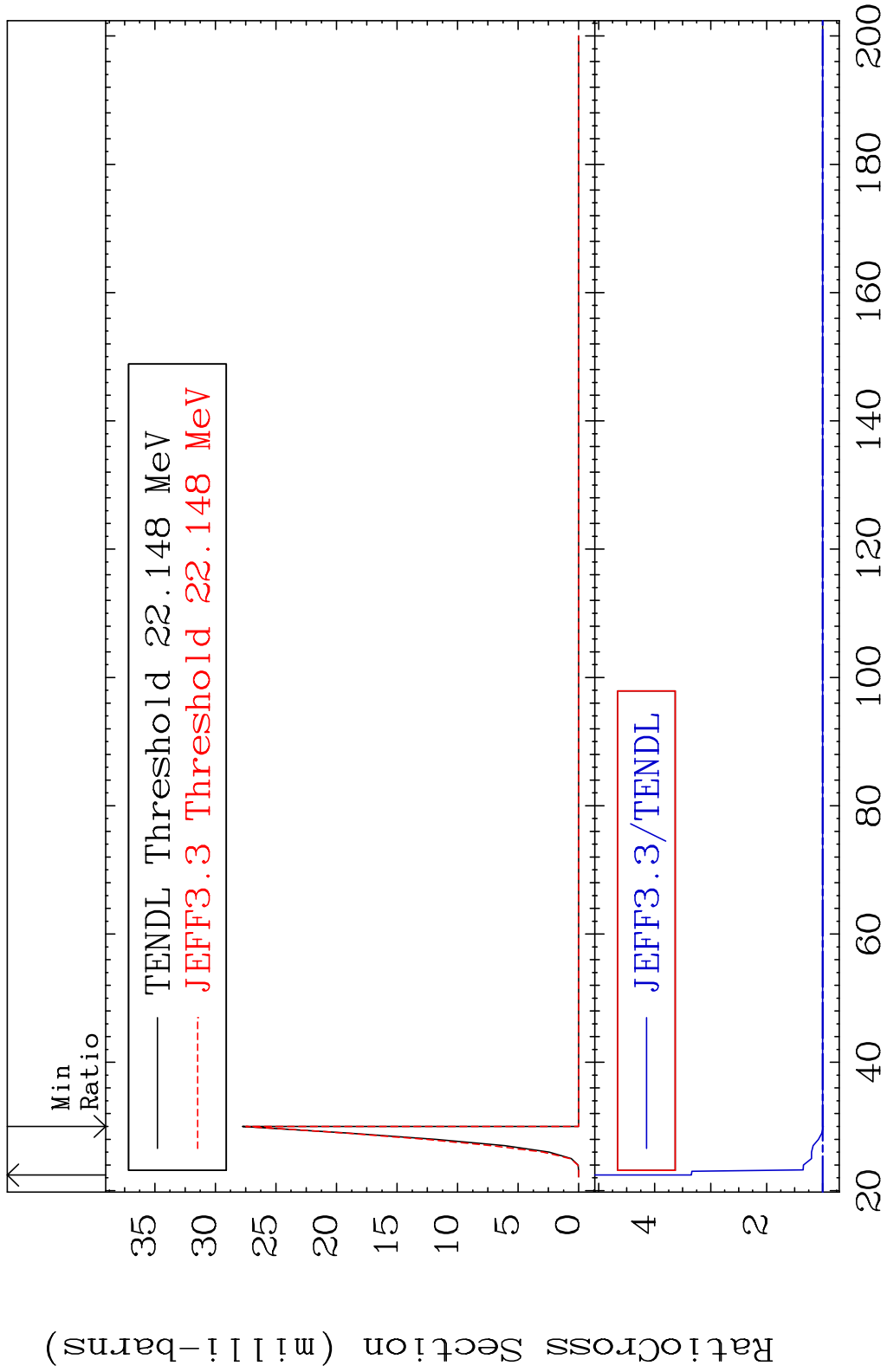


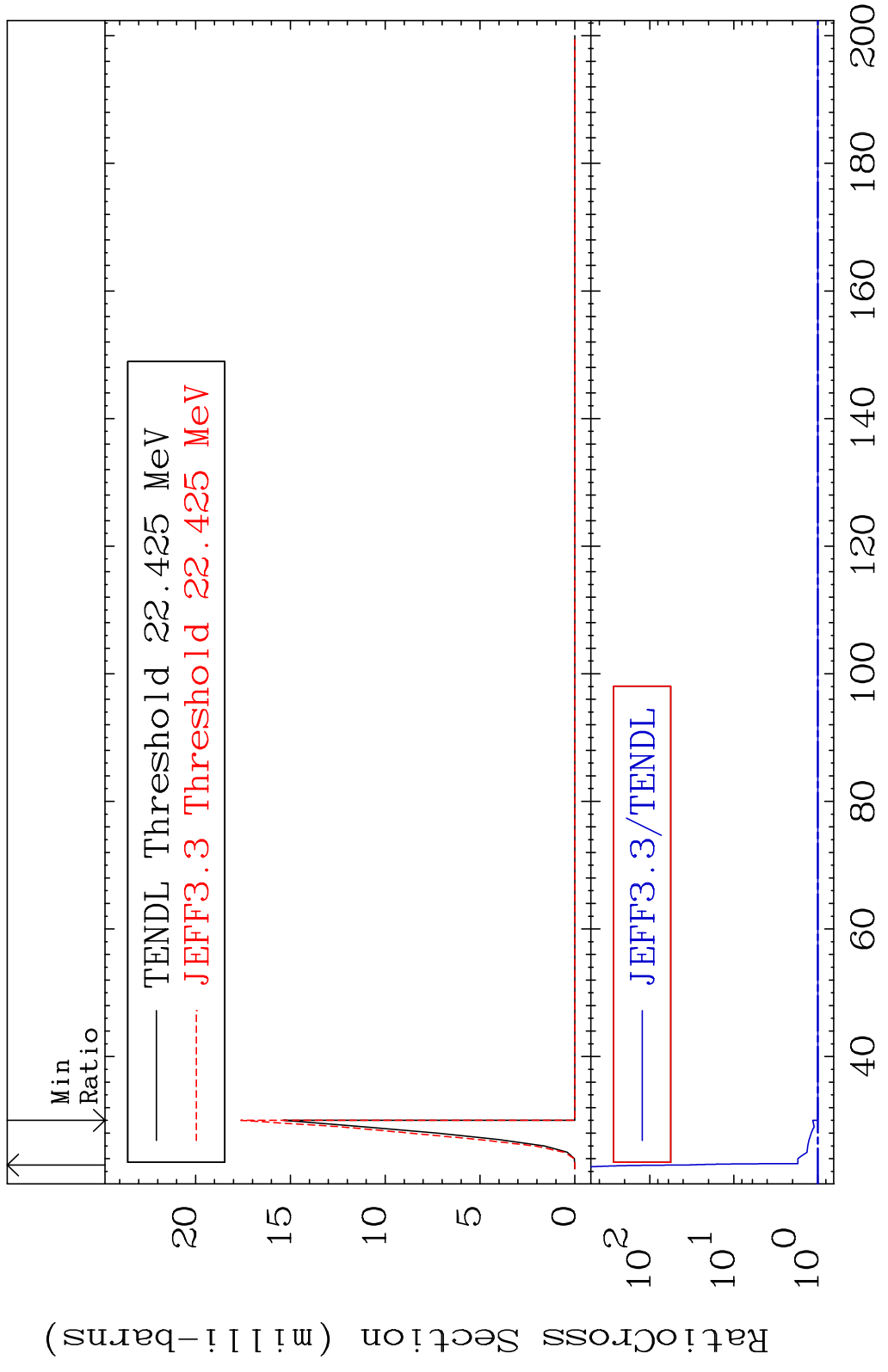
MAT 2225 (n, n') d:21-Sc-44m4 22-Ti-46
 Radionuclide Production Cross Section 1897. %



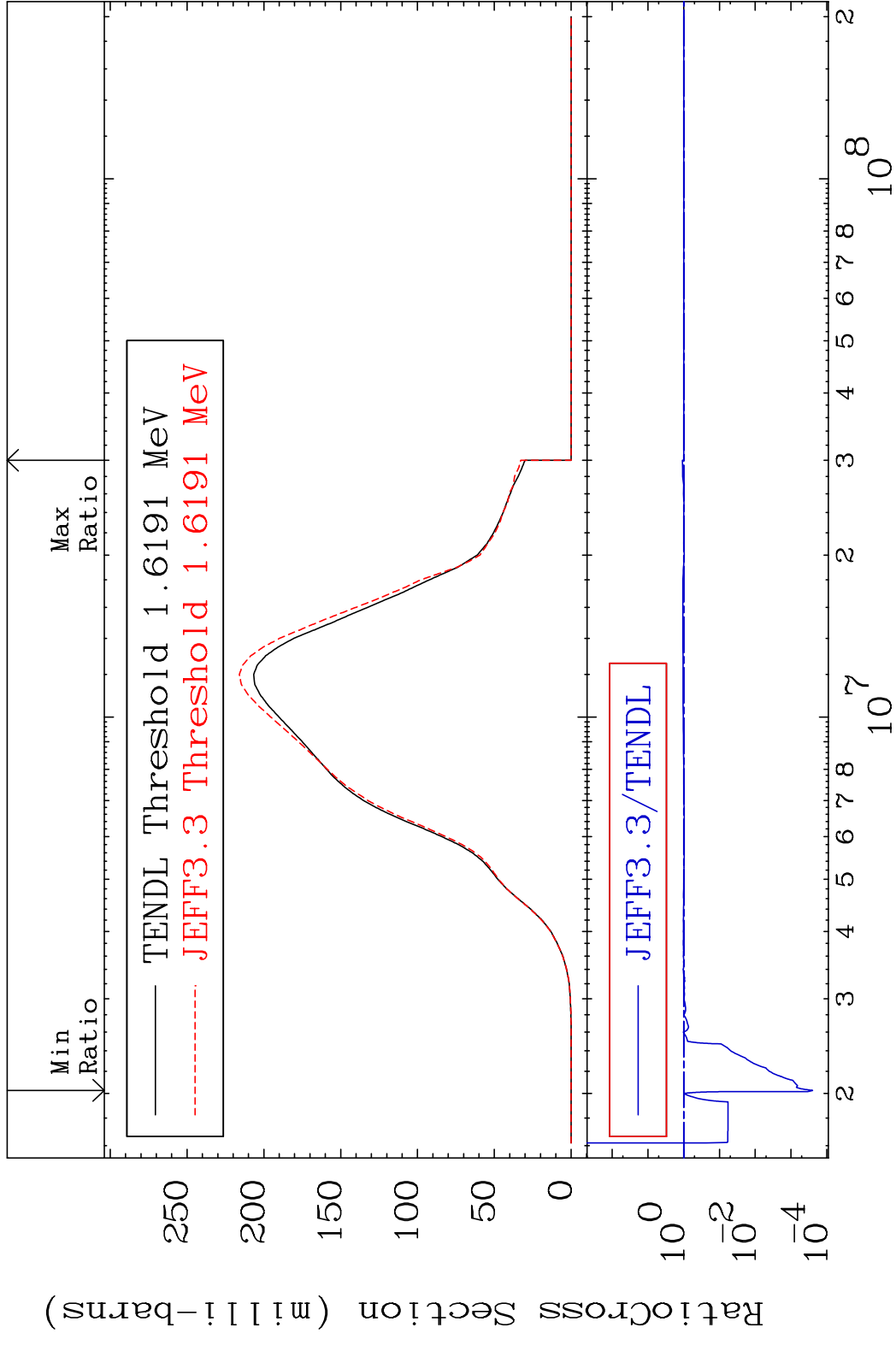
80 Incident Energy (MeV) 22-Ti-46

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

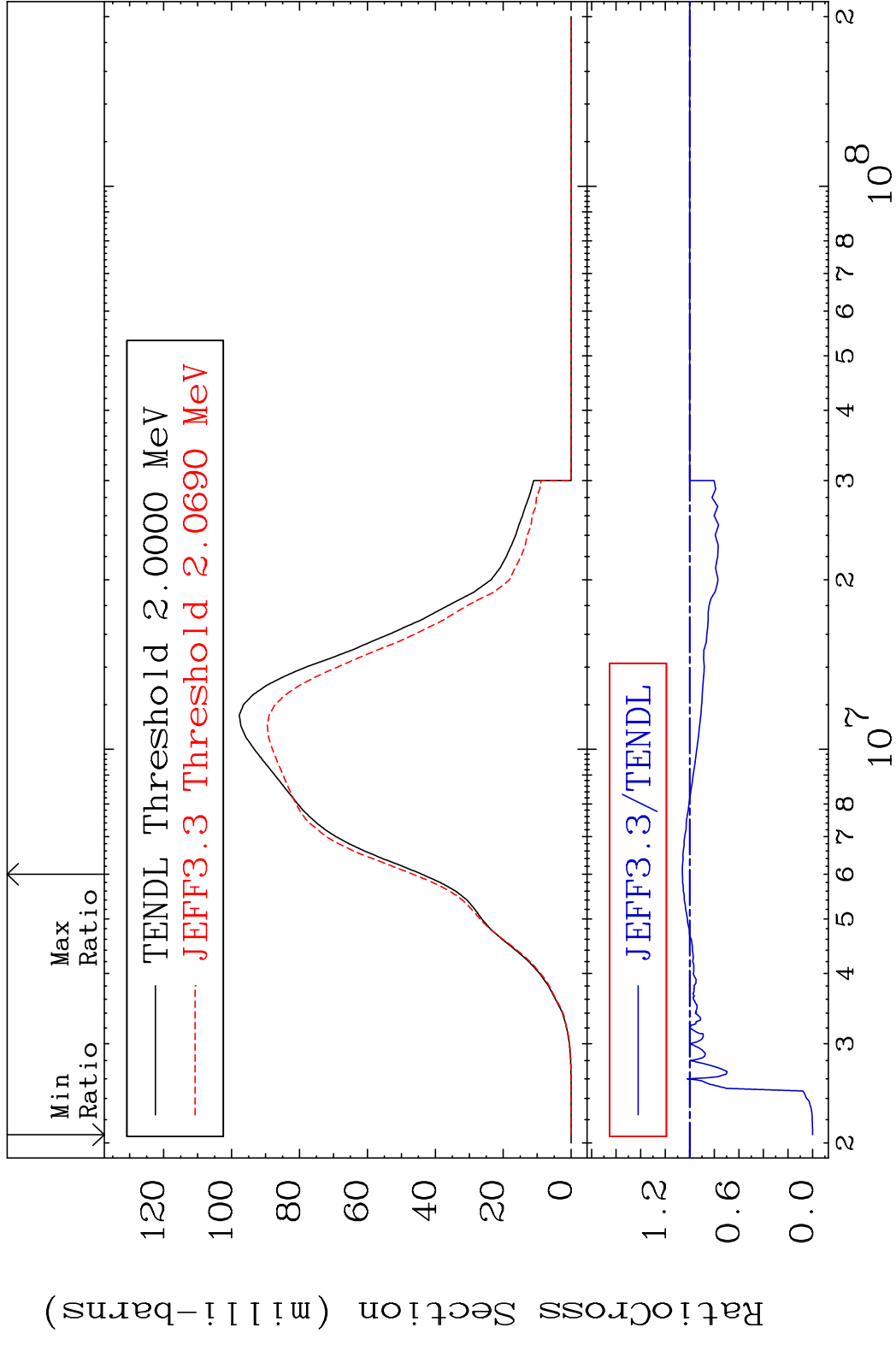




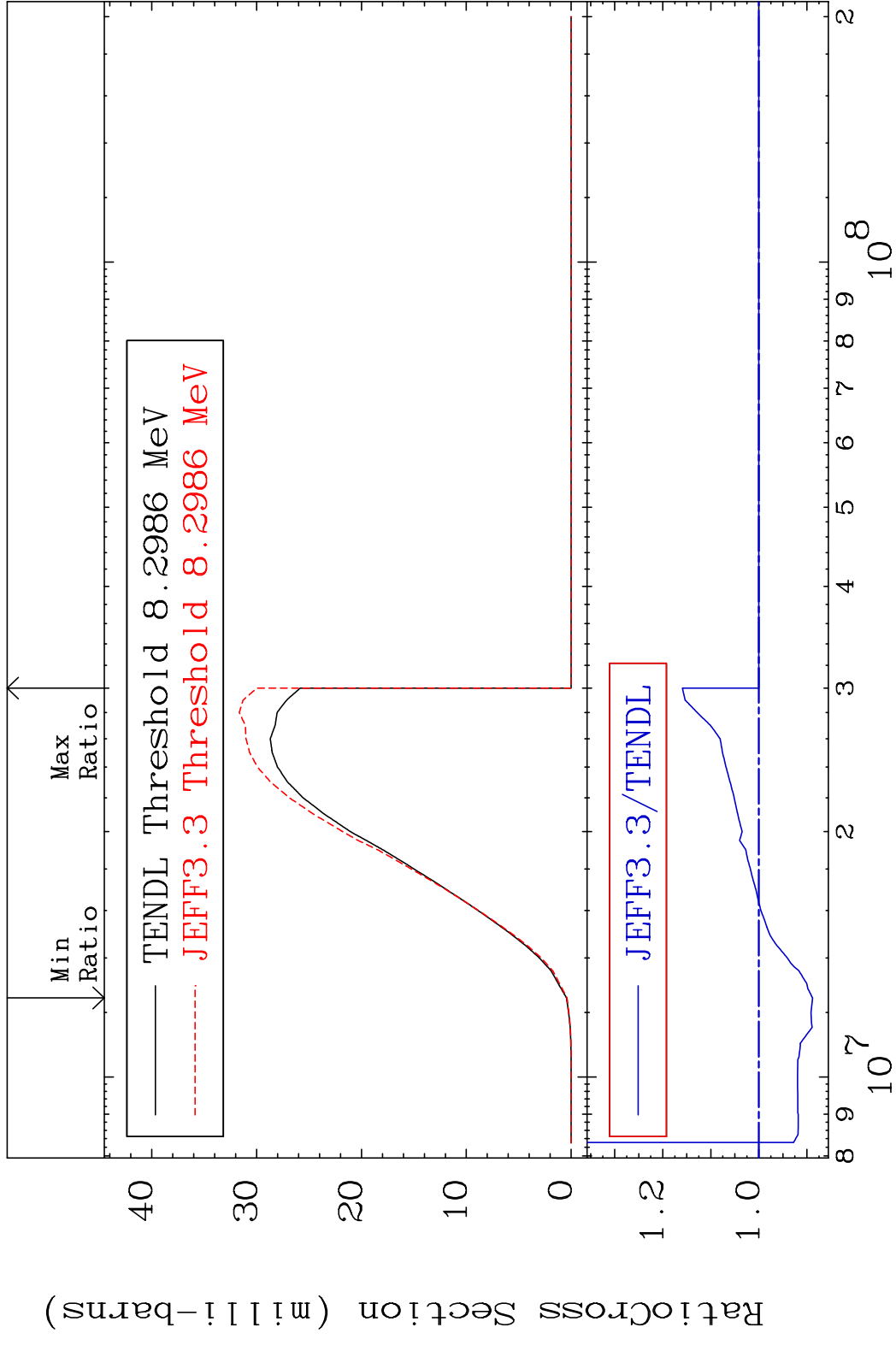
MAT 2225 (n, p):21-Sc-46g 22-Ti-46
 Radionuclide Production Cross Section 98.981 dth 9.043 %



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

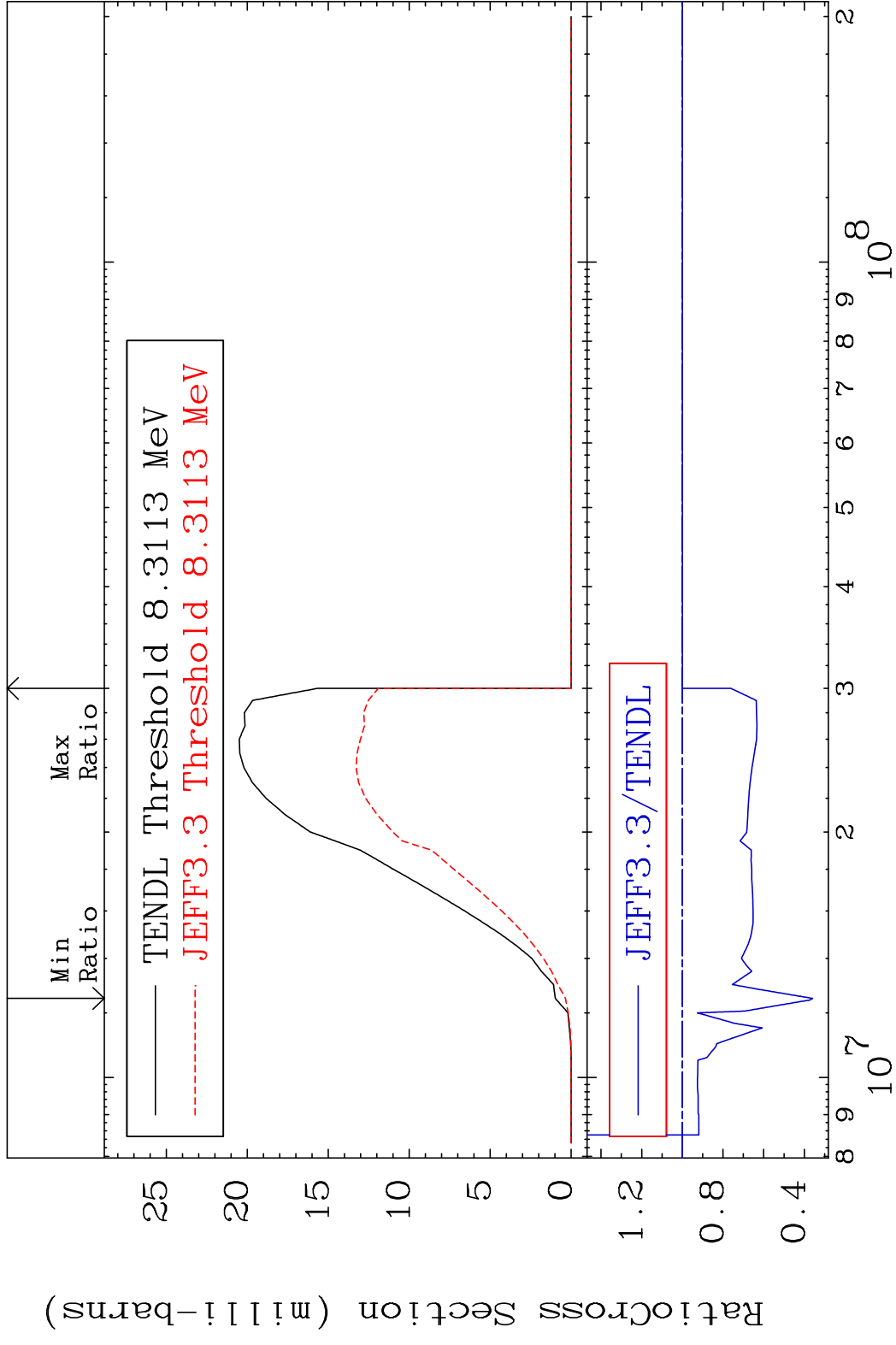


MAT 2225 (n, d):21-Sc-45g 22-Ti-46
 Radionuclide Production Cross Section 15.92 %



85 Incident Energy (eV) 22-Ti-46

MAT 2225 (n,d):21-Sc-45m1 22-Ti-46
 Radionuclide Production Cross Section 0.000 %



86 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 %

