

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

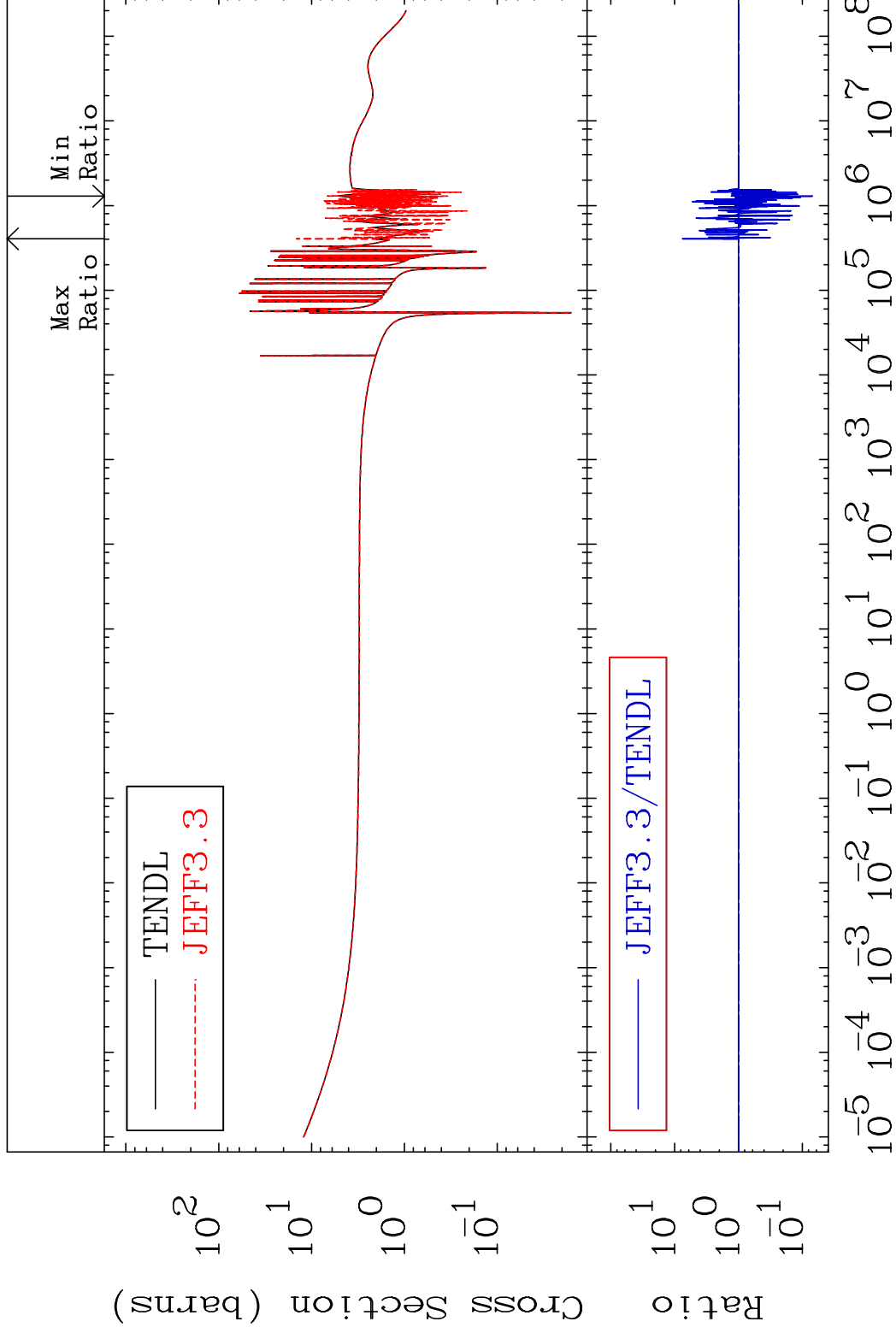
MAT 2237

Total

22-Ti-50

Cross Section

-93.07 To 657.7 %



1

Incident Energy (eV)

22-Ti-50

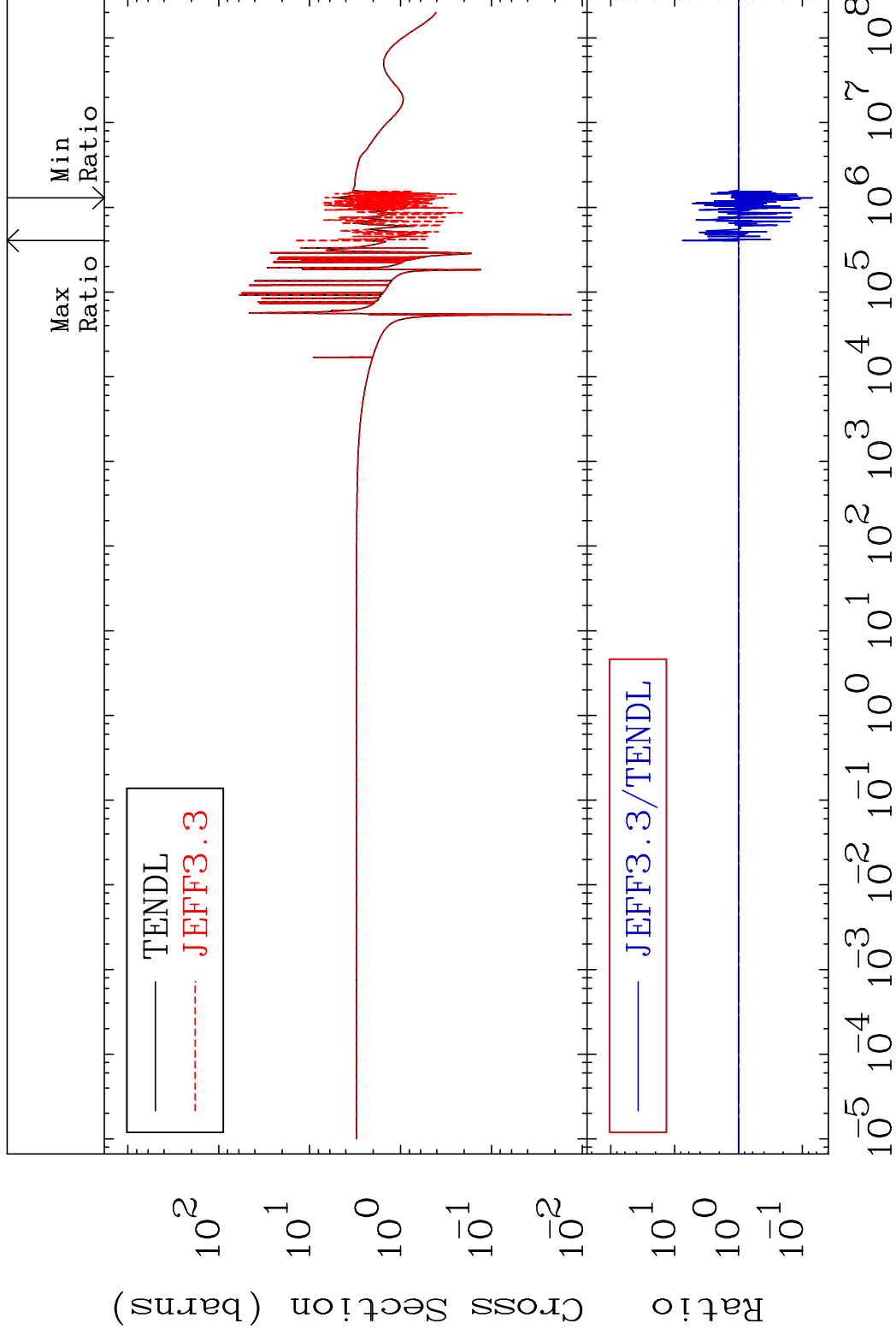
MAT 2237

Elastic

22-Ti-50

Cross Section

-93.07 To 657.9 %



2

Incident Energy (eV)

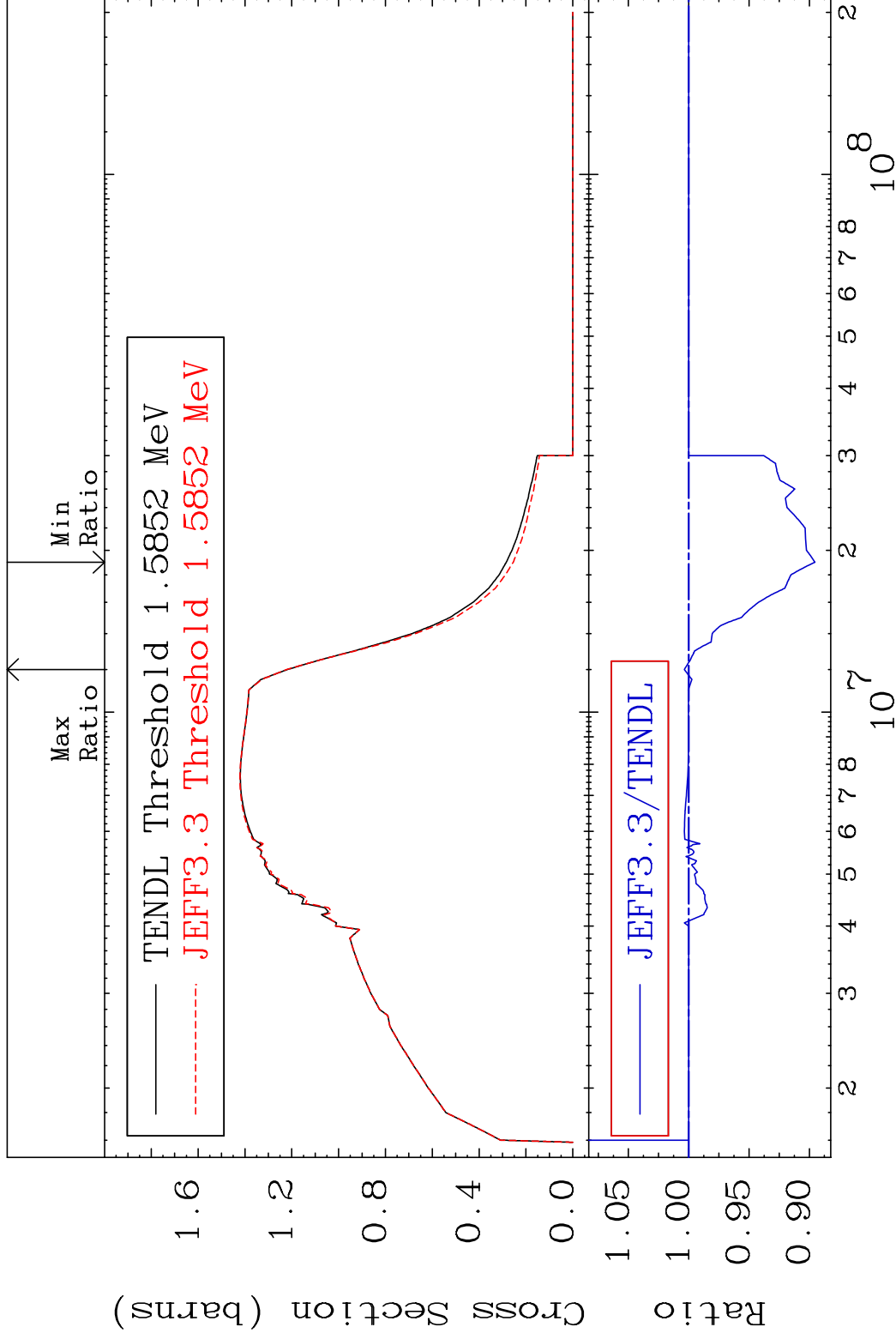
22-Ti-50

MAT 2237

Inelastic

²²Ti-50

Cross Section -10.46 To 0.366 %



3

Incident Energy (eV)

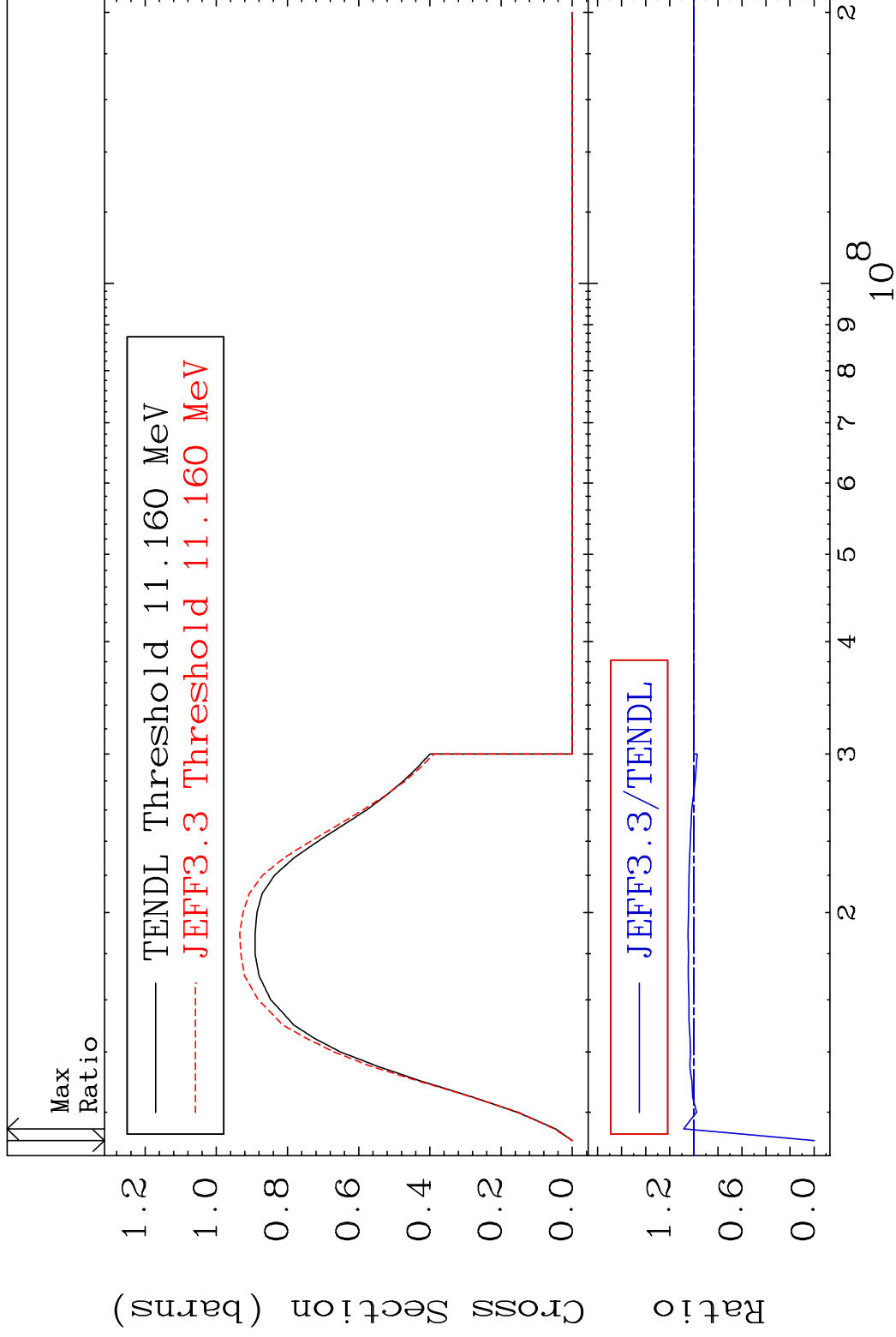
²²Ti-50

MAT 2237

(n,2n)

²²Ti-50

Cross Section -100.0 To 8.454 %

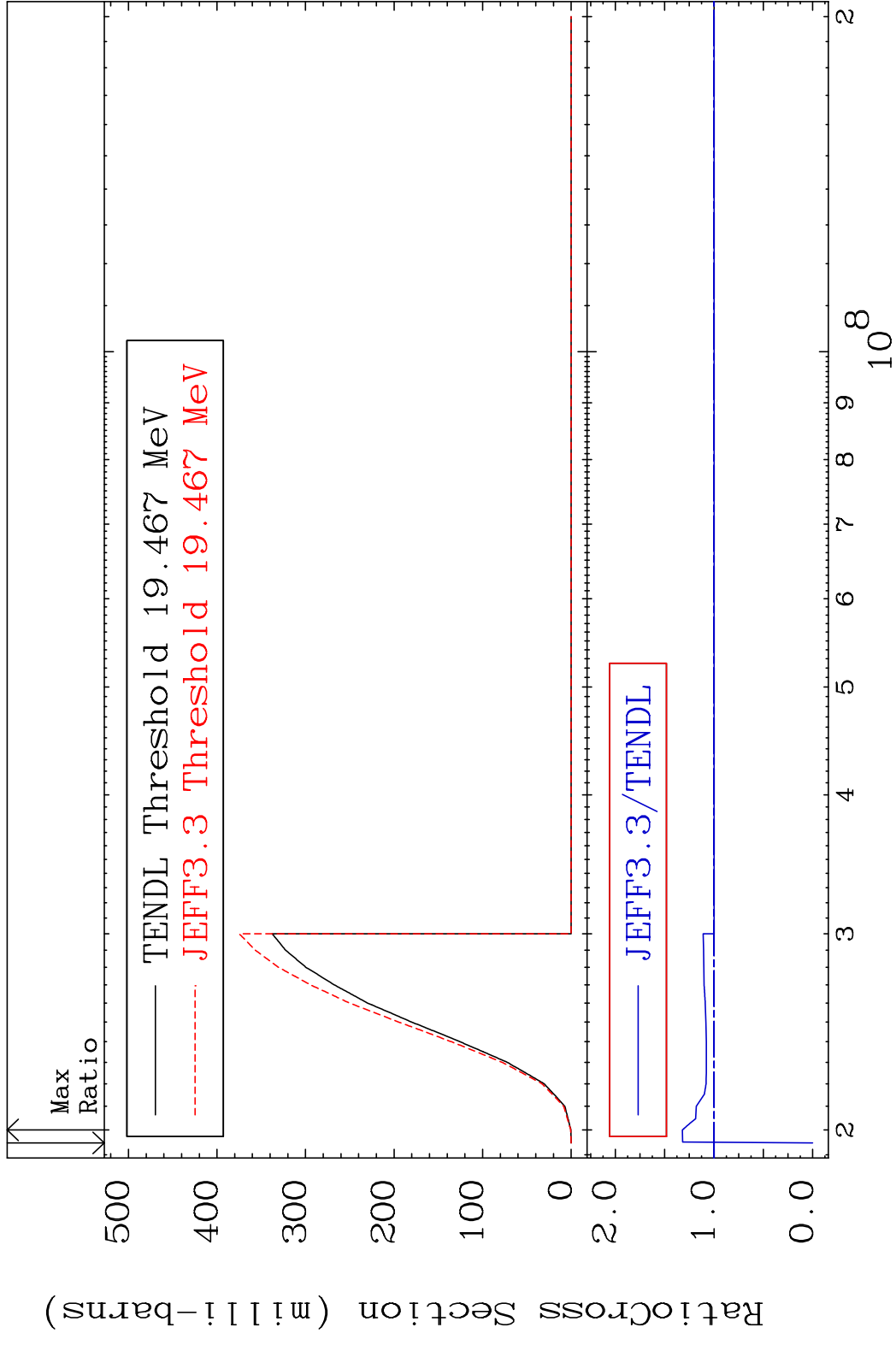


4

Incident Energy (eV)

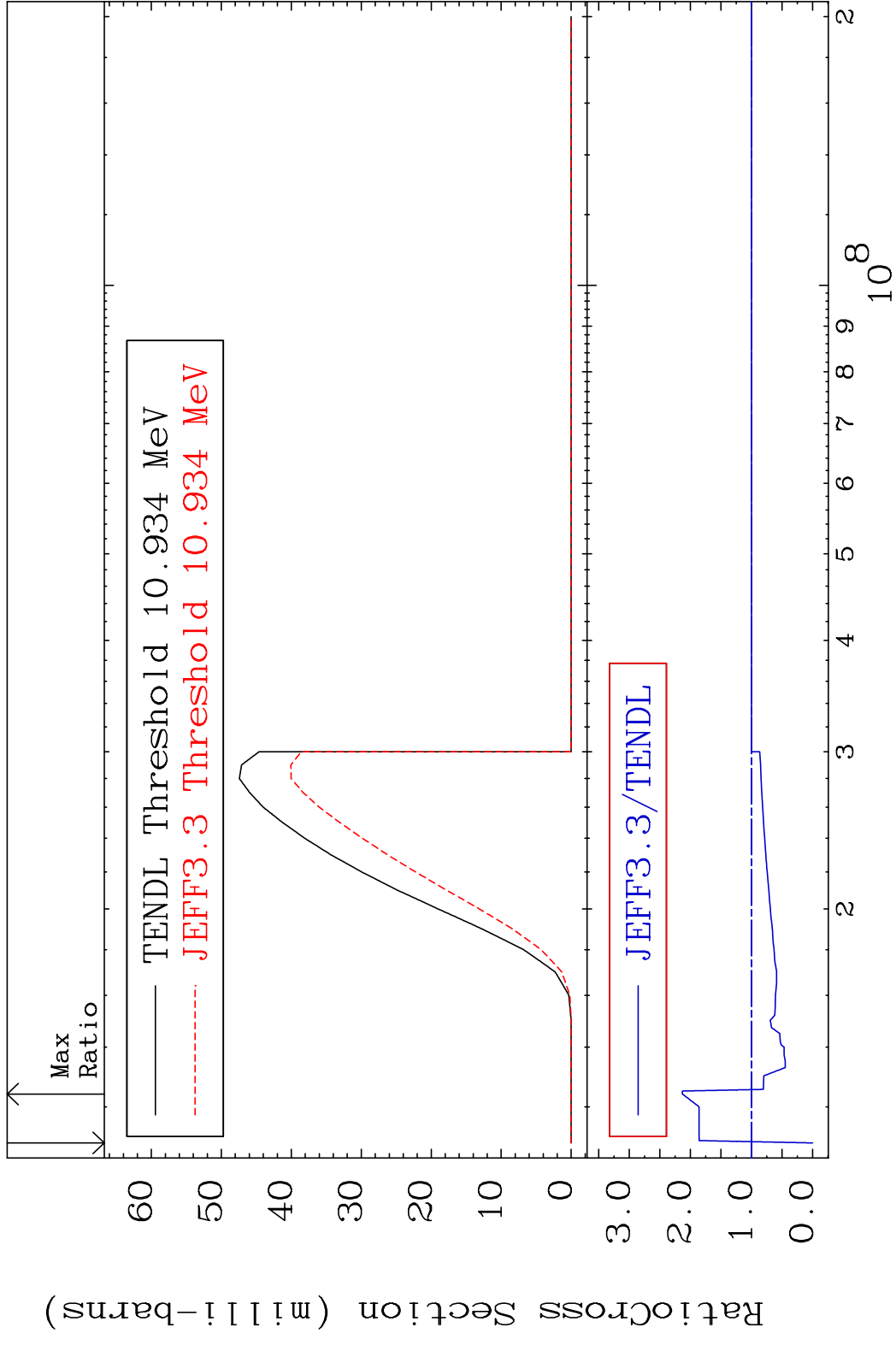
²²Ti-50

MAT 2237 (n,3n) 22-Ti-50
 Cross Section -100.0 To 32.08 %

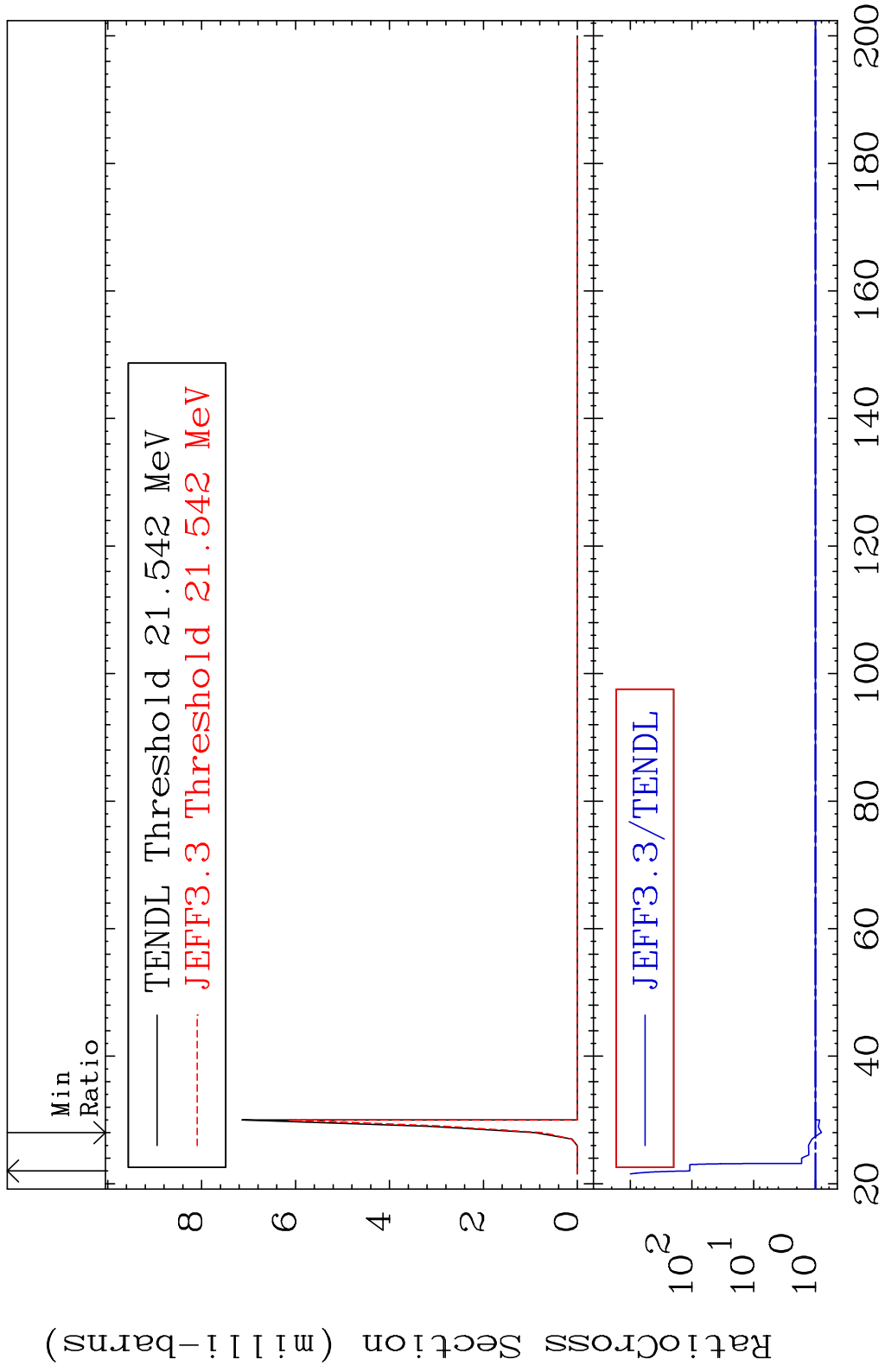


5 5 Incident Energy (eV) 22-Ti-50

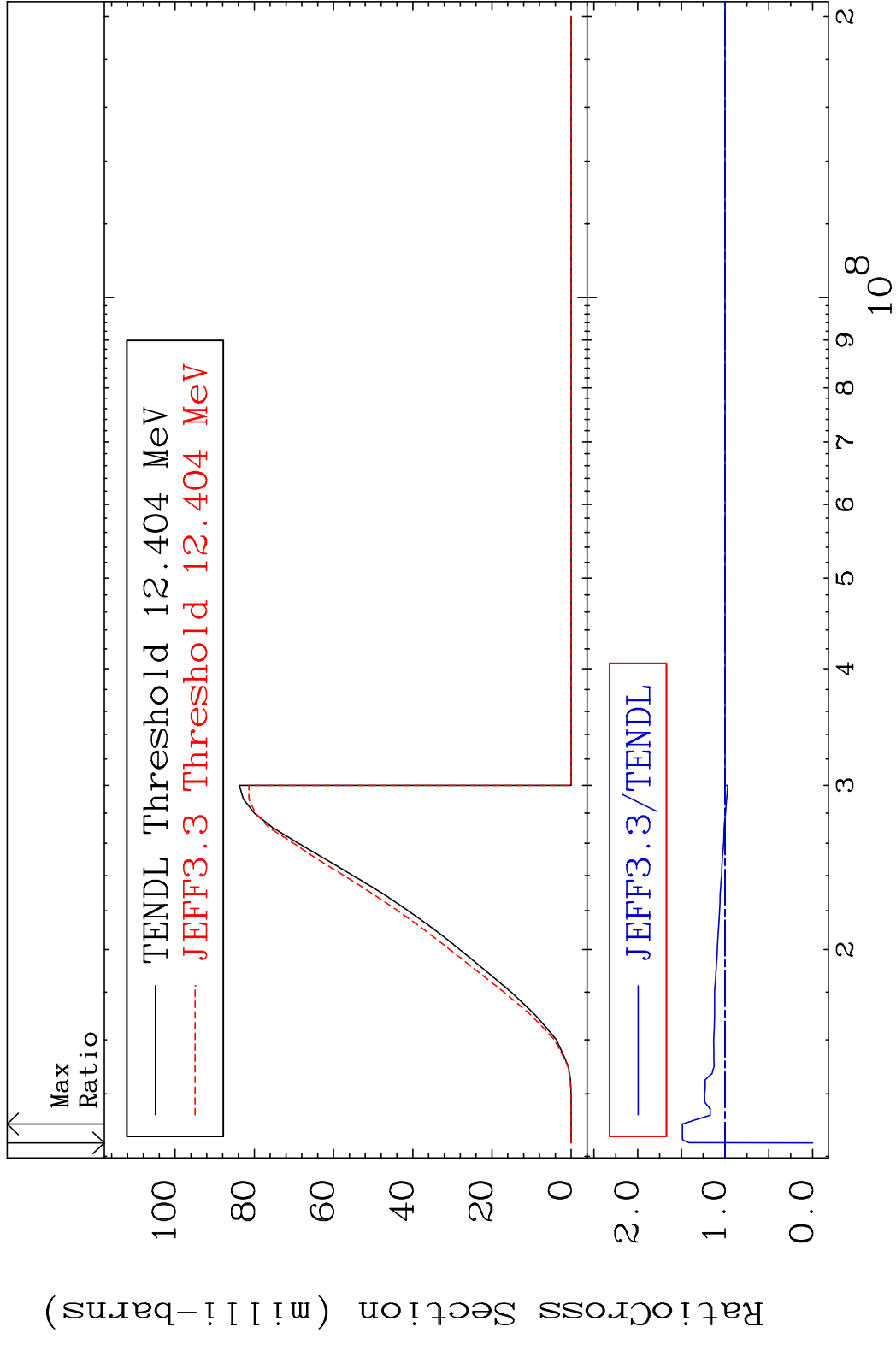
MAT 2237 (n, n') α ²²Ti-50
 Cross Section -100.0 To 113.2 %



MAT 2237 (n,2n) α 22-Ti-50
 Cross Section -19.91 To 9999. %



MAT 2237 (n, n') p 22-Ti-50
 Cross Section -100.0 To 48.90 %

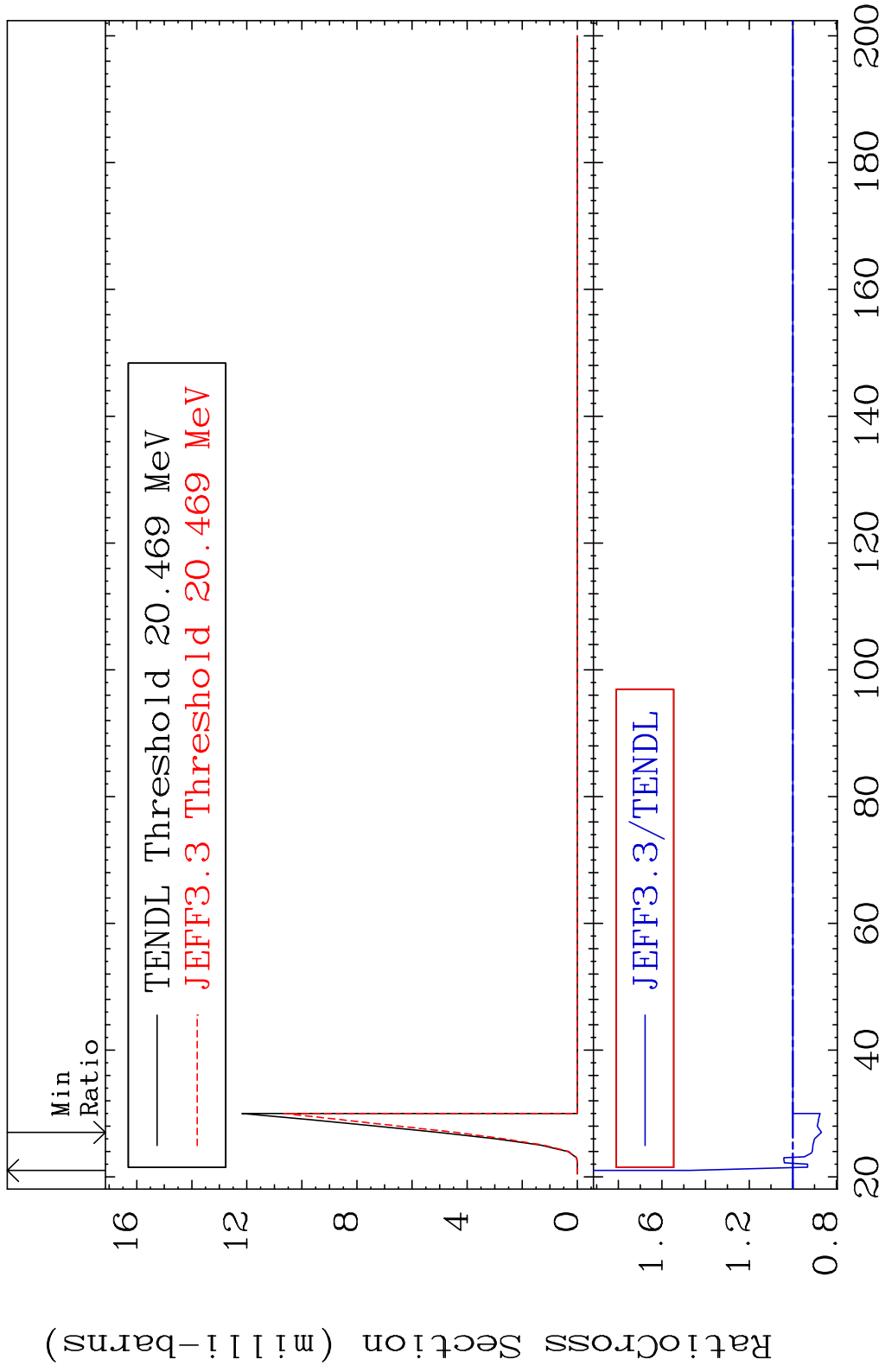


MAT 2237

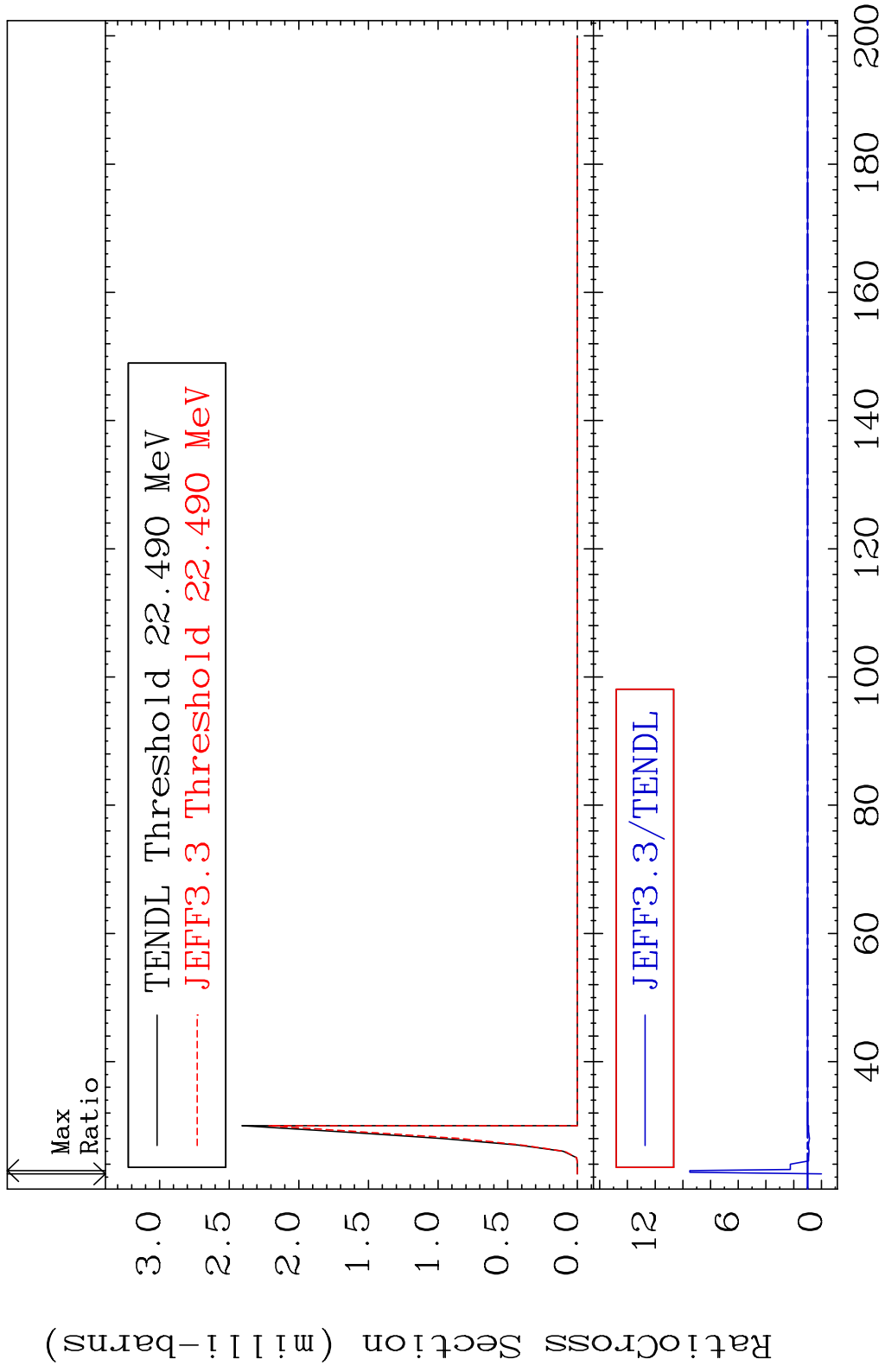
(n, n') d

22-Ti-50

Cross Section -13.13 To 47.26 %

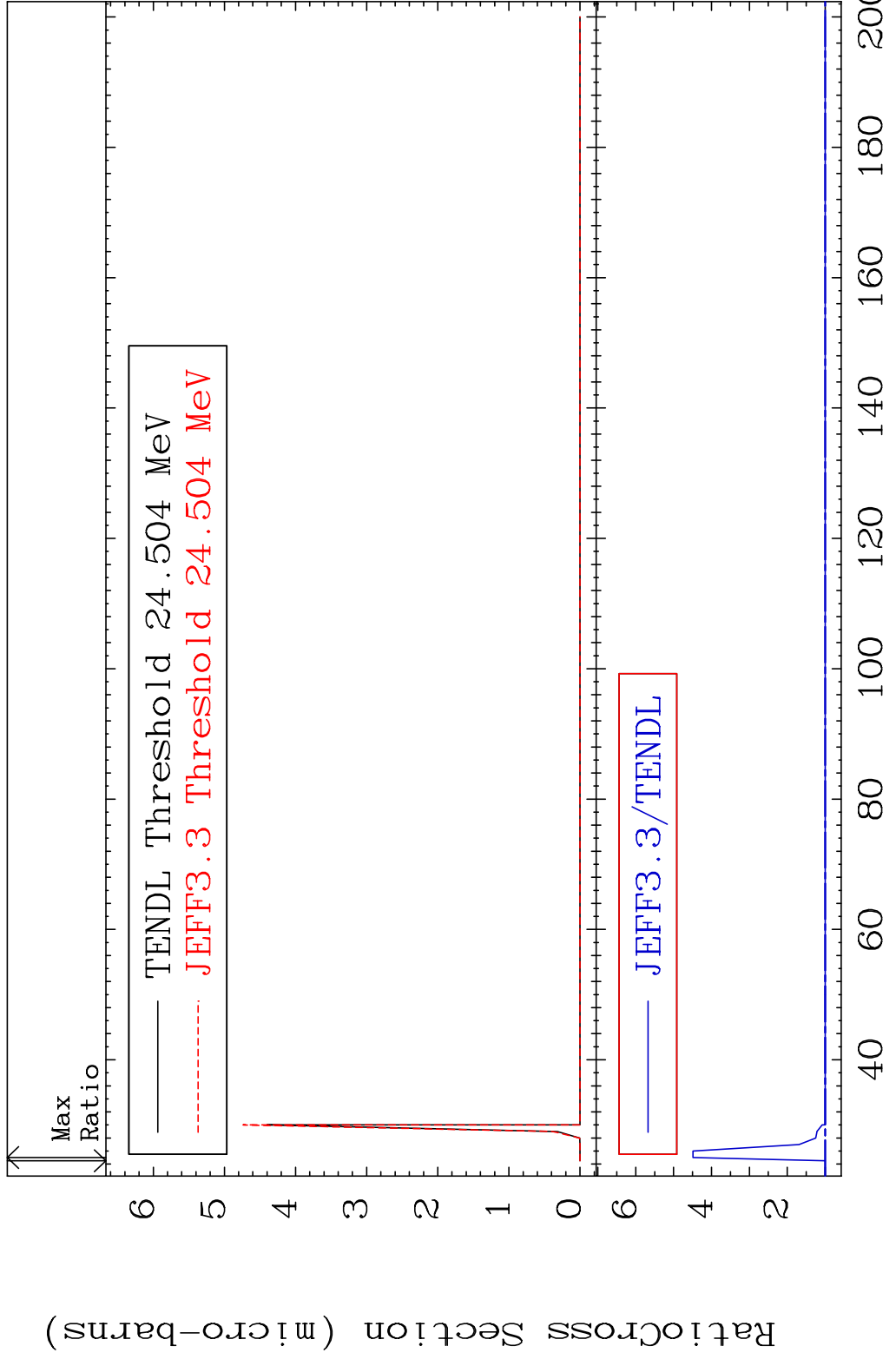


MAT 2237 (n, n') t 22-Ti-50
 Cross Section -100.0 To 849.9 %

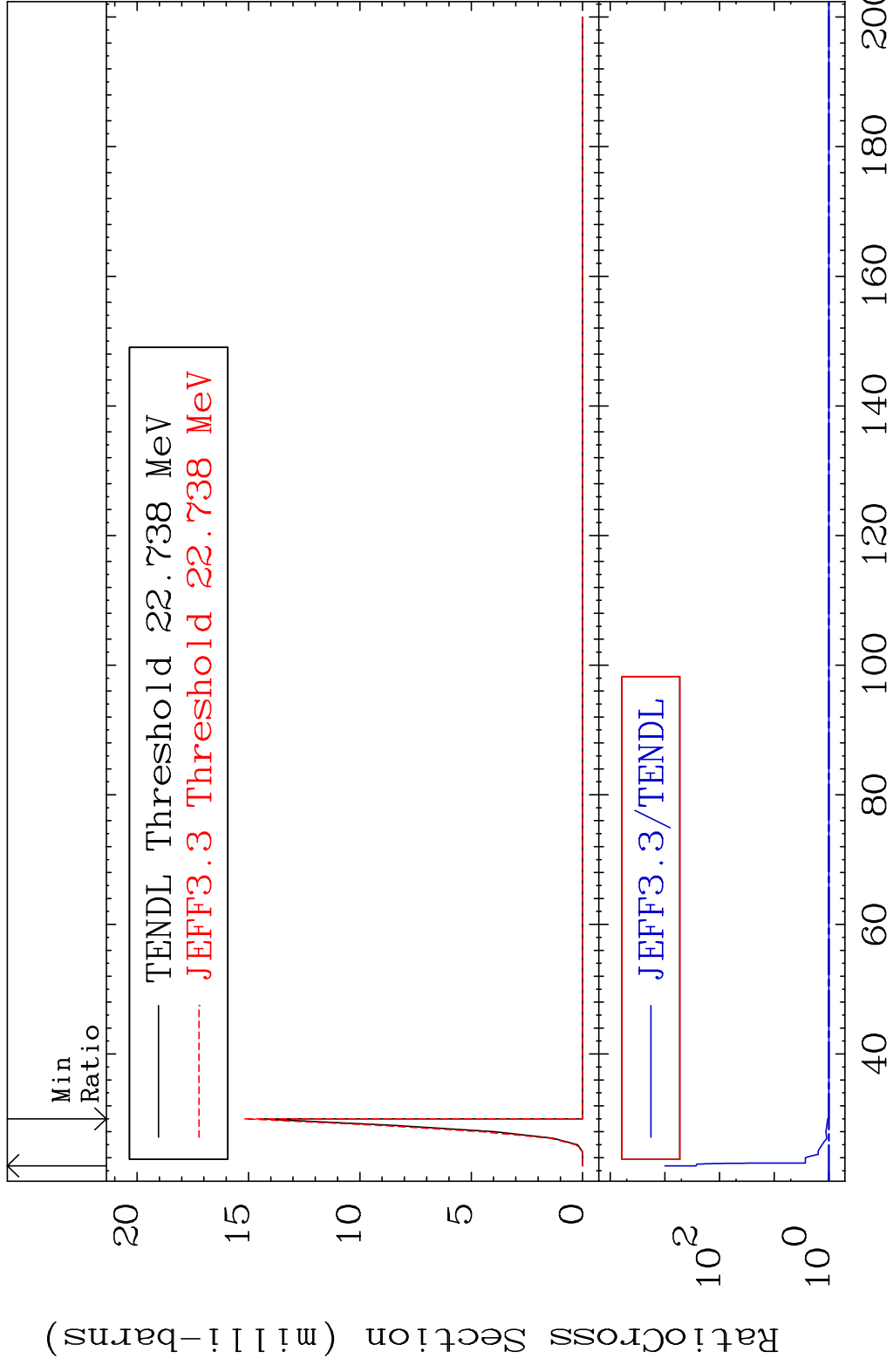


10 Incident Energy (MeV) 22-Ti-50

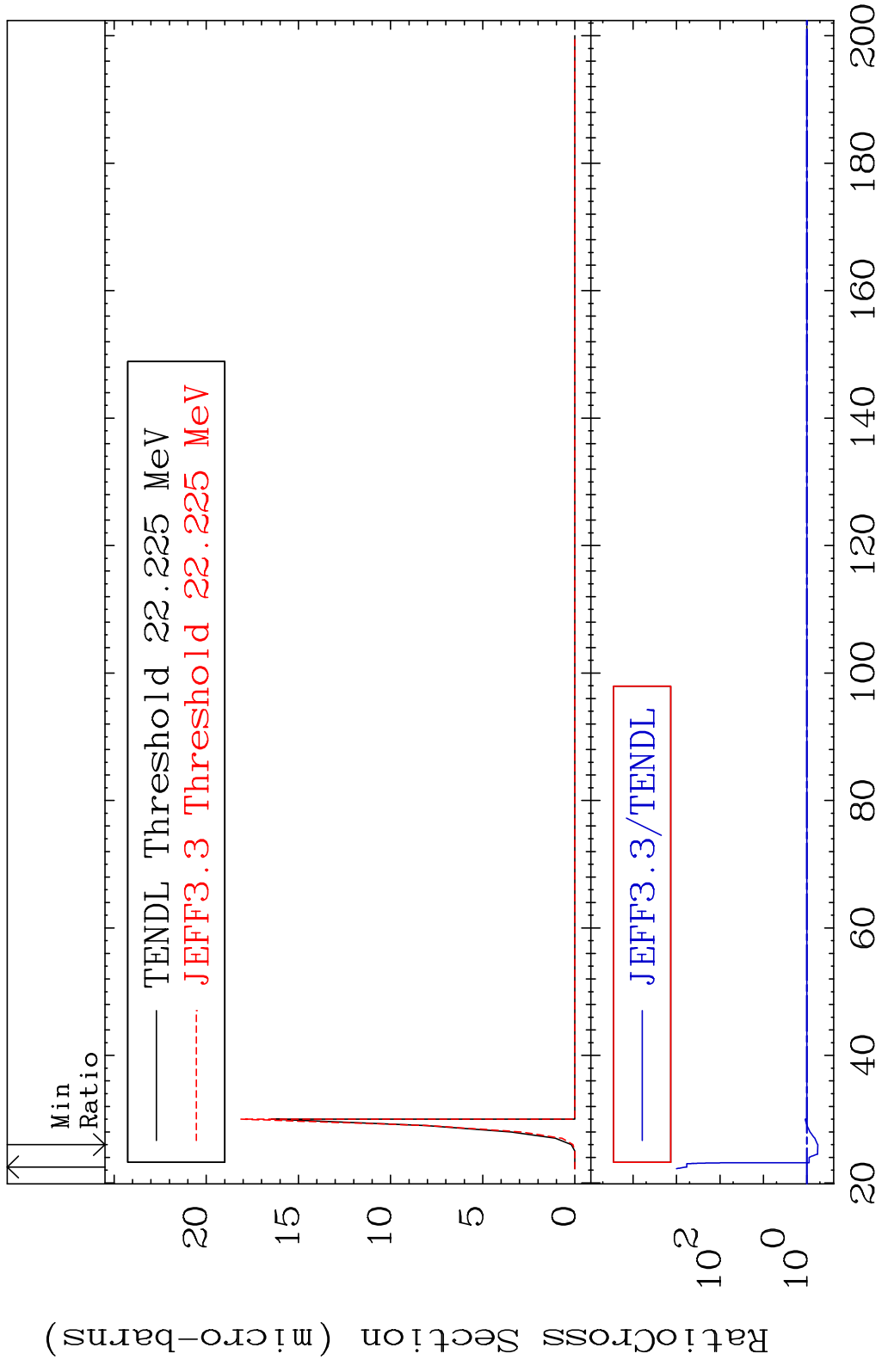
MAT 2237 (n,n') He-3 22-Ti-50
 Cross Section 0.000 To 349.0 %



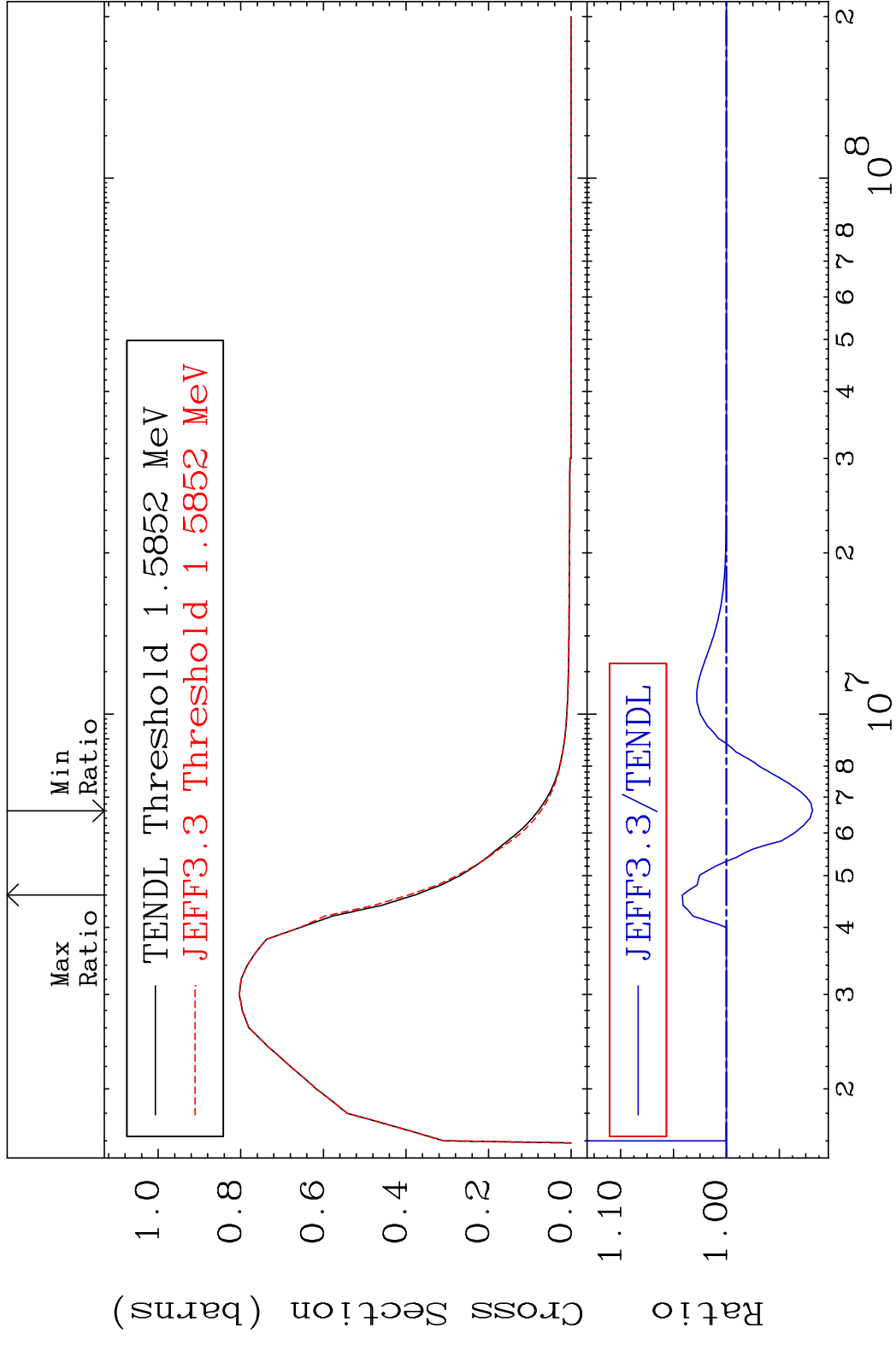
MAT 2237 (n,2n) p 22-Ti-50
 Cross Section 0.000 To 9999. %



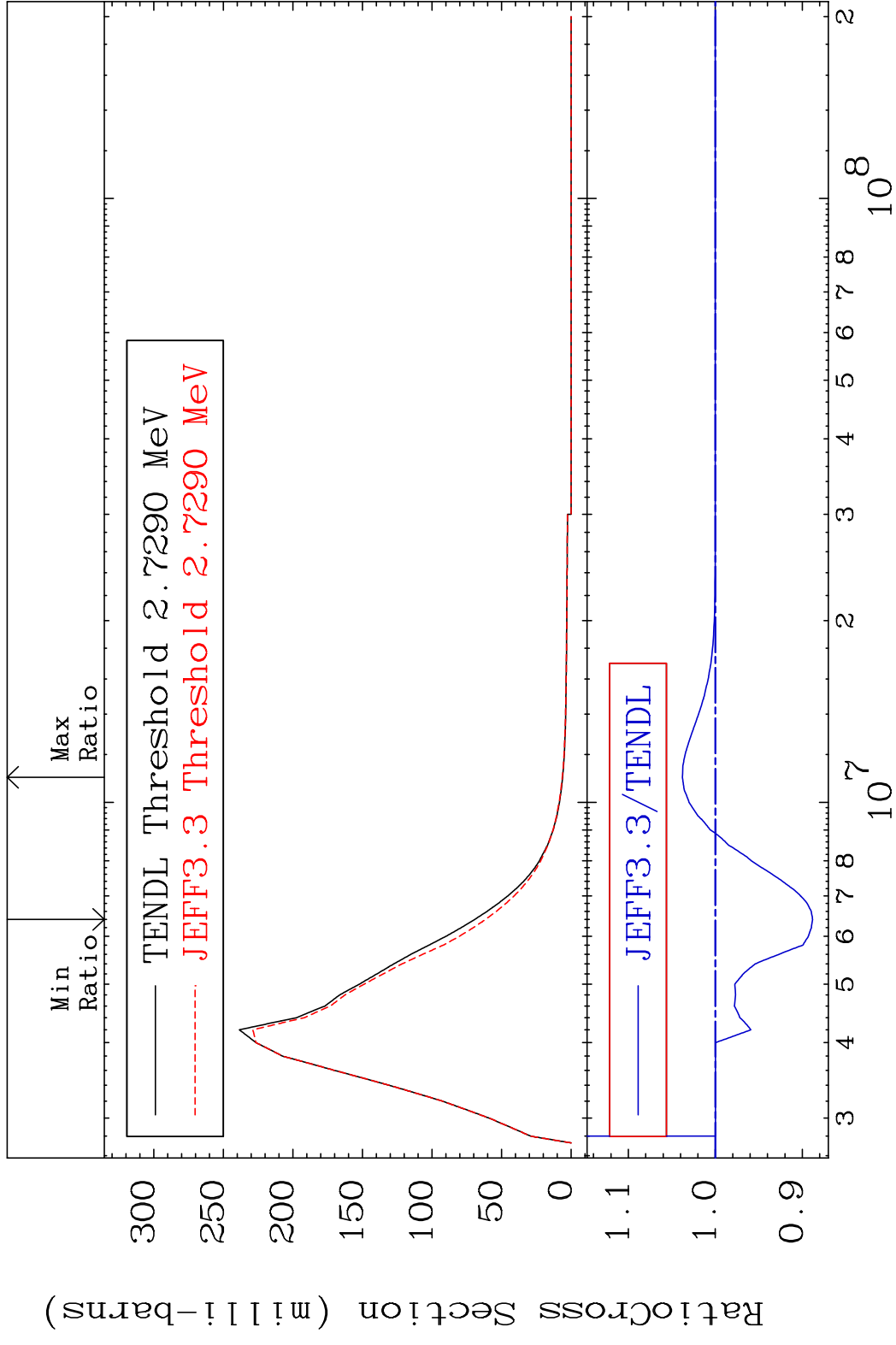
MAT 2237 (n,2n) p 22-Ti-50
 Cross Section -43.79 To 9999. %



MAT 2237 MT= 51 (n,n') Level 22-Ti-50
 Cross Section -8.148 To 4.161 %

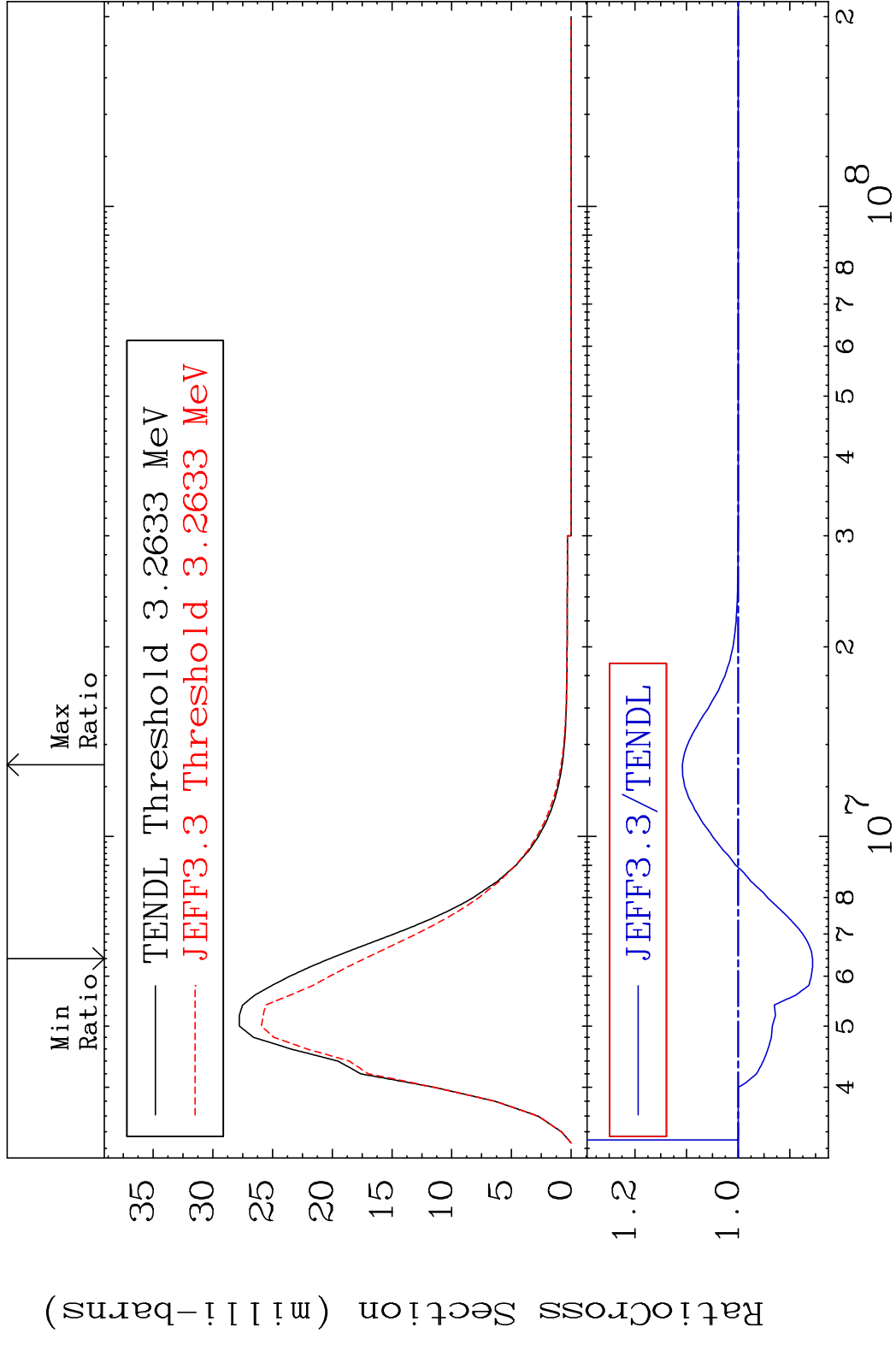


MAT 2237 MT= 52 (n,n') Level 22-Ti-50
 Cross Section -11.17 To 3.791 %



15 Incident Energy (eV) 22-Ti-50

MAT 2237 MT= 53 (n, n') Level 22-Ti-50
 Cross Section -14.41 To 10.82 %

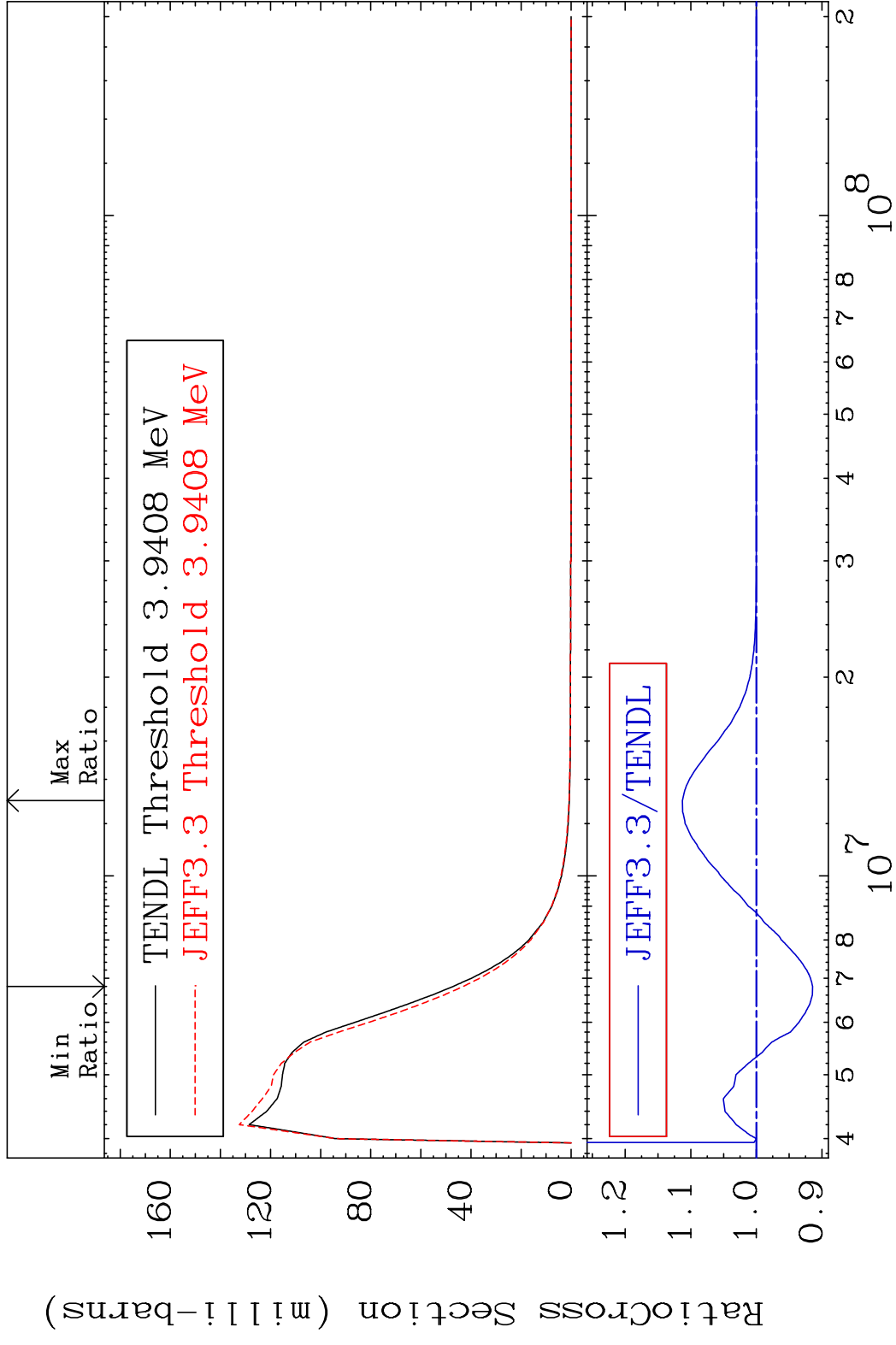


MAT 2237

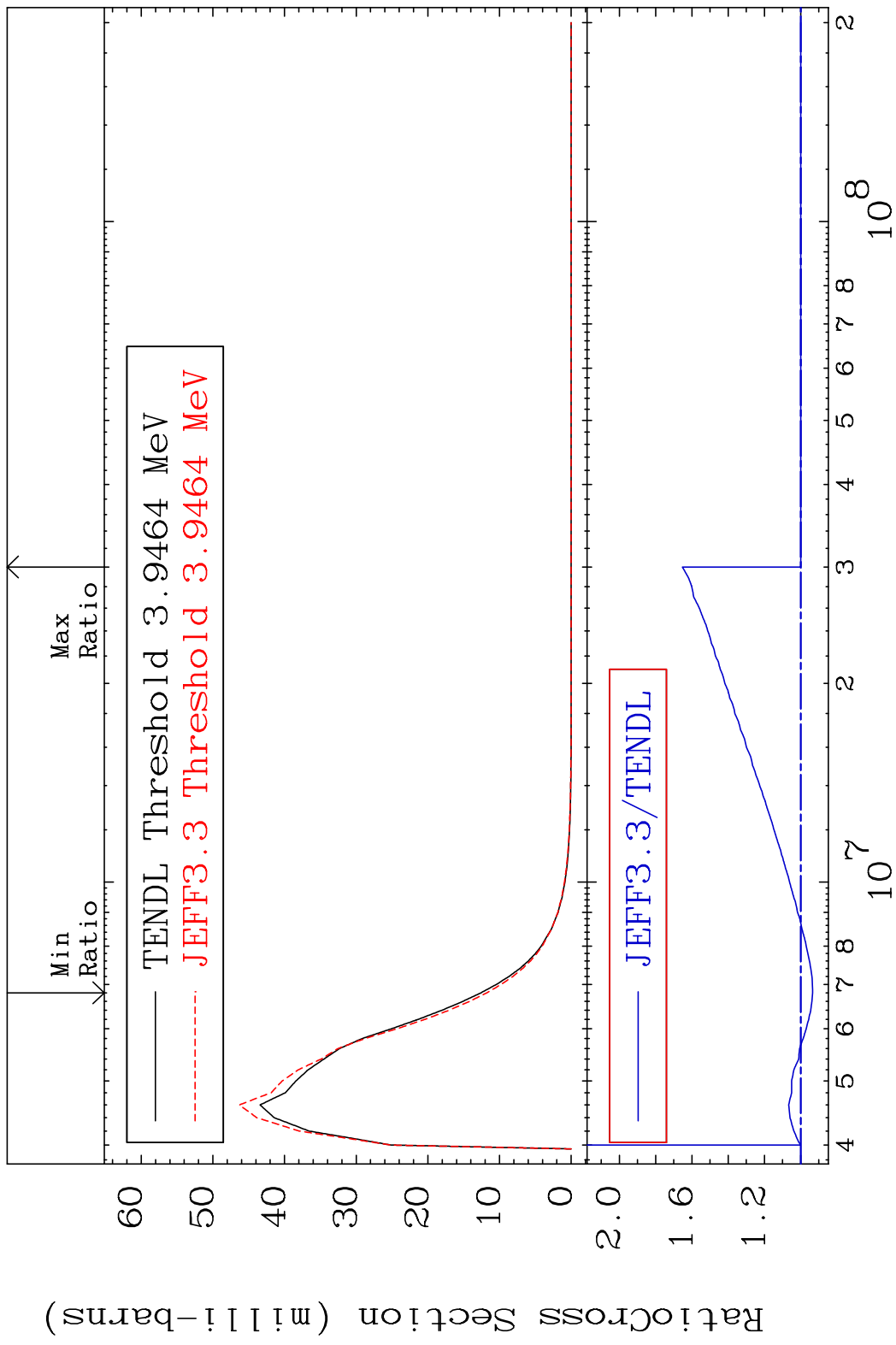
MT= 54 (n,n') Level

22-Ti-50

Cross Section -8.560 To 11.28 %

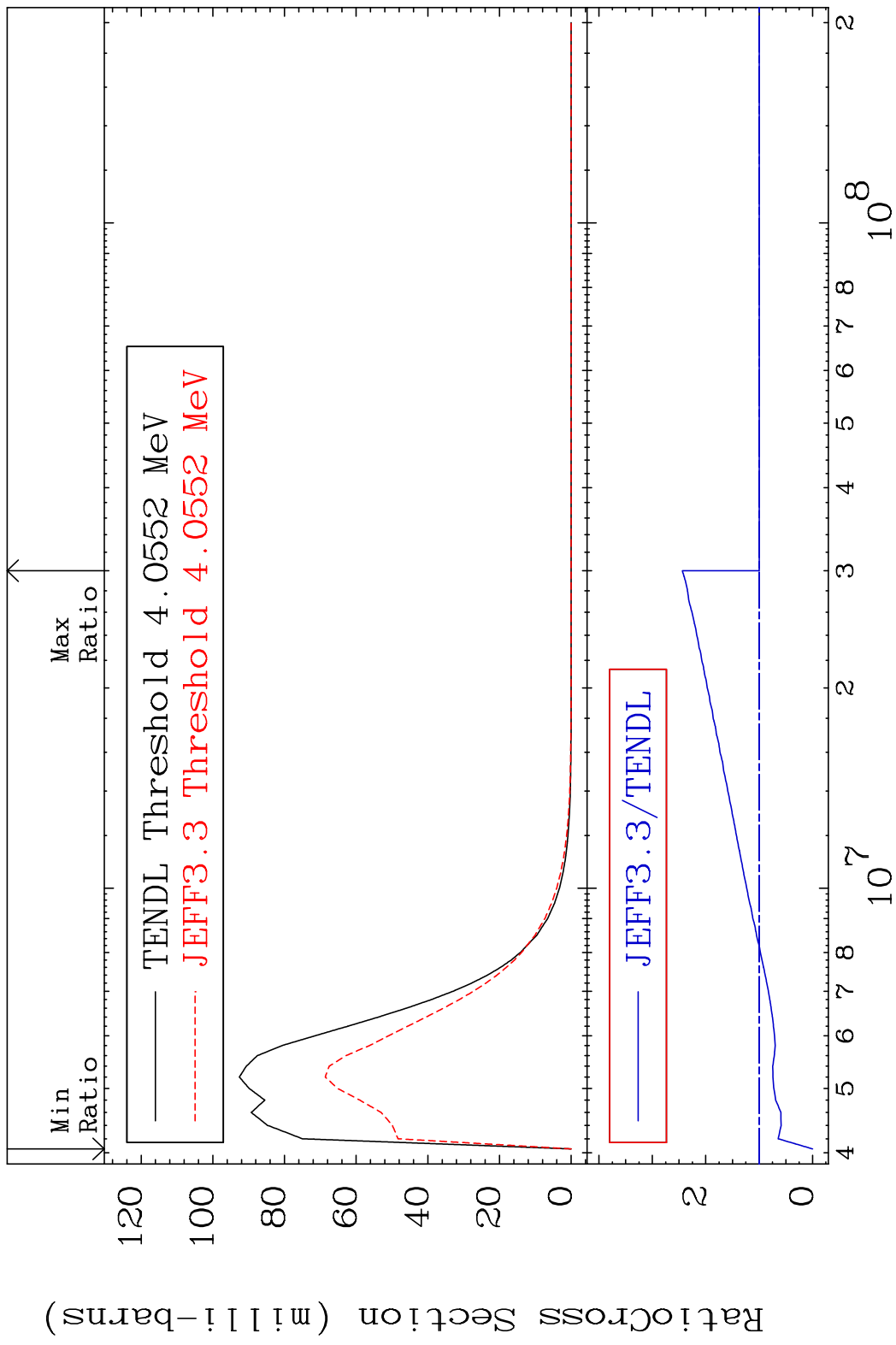


MAT 2237 MT= 55 (n,n') Level 22-Ti-50
 Cross Section -6.542 To 65.28 %

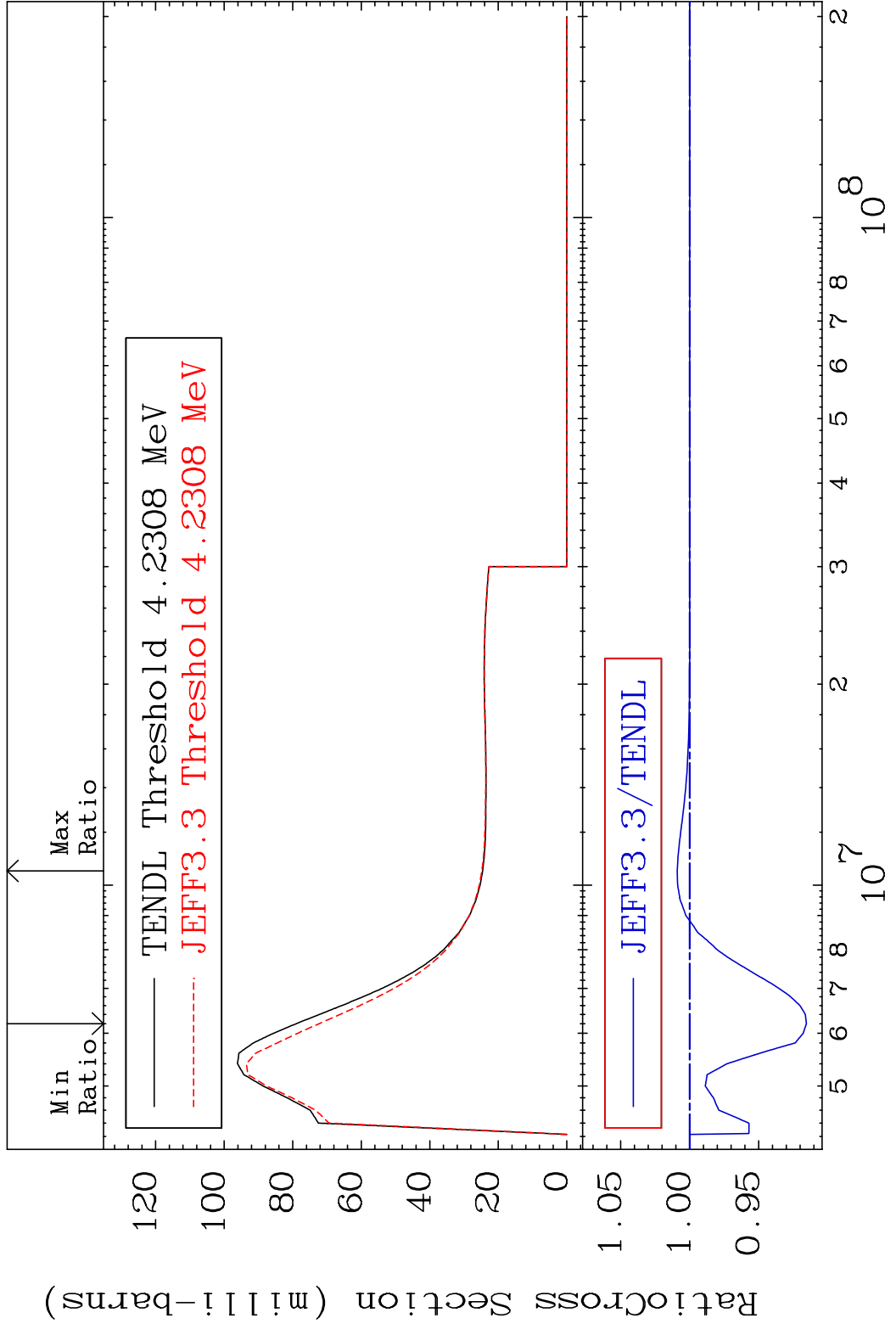


18 Incident Energy (eV) 22-Ti-50

MAT 2237 MT= 56 (n, n') Level 22-Ti-50
 Cross Section -100.0 To 143.8 %

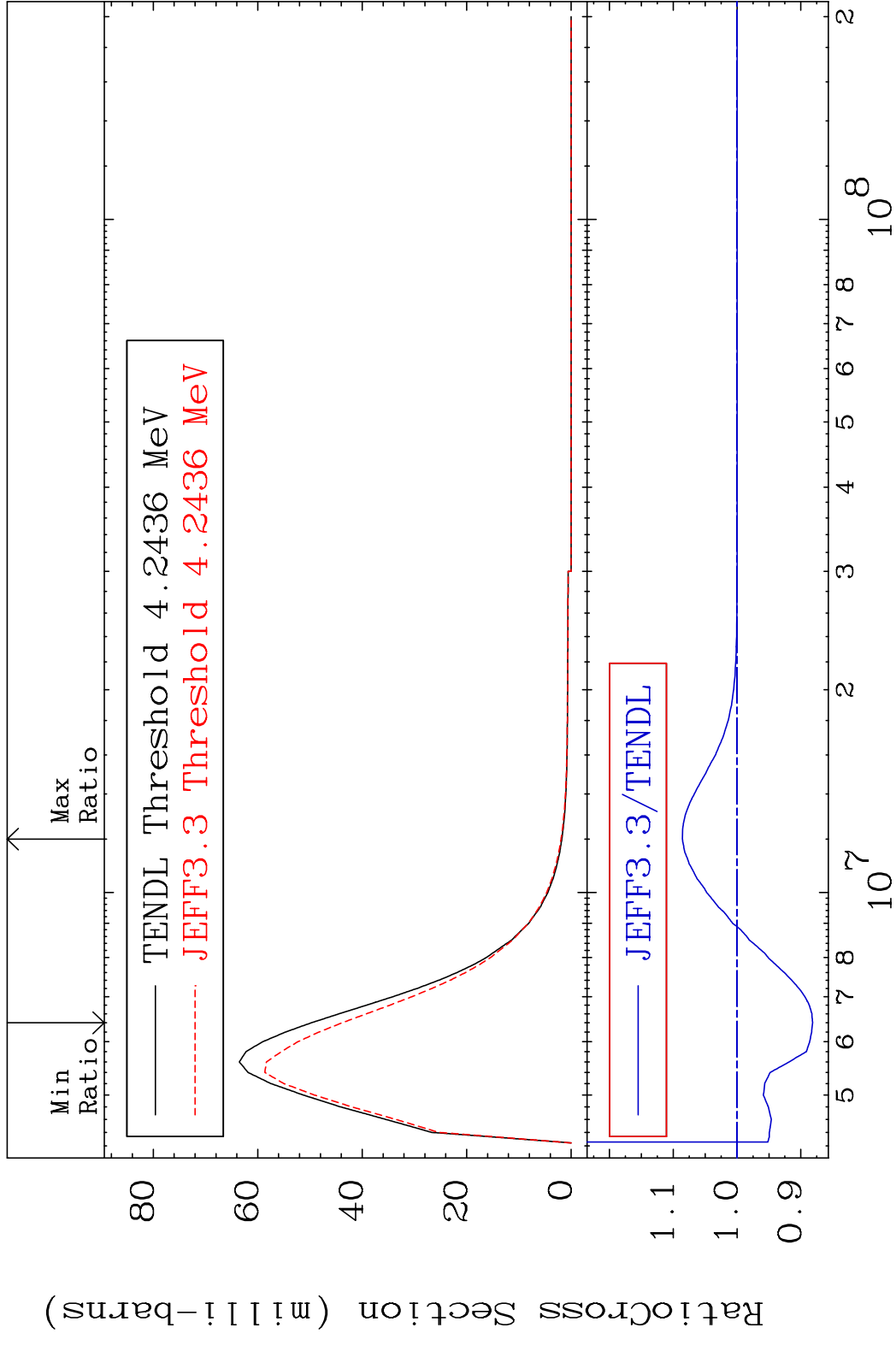


MAT 2237 MT= 57 (n,n') Level 22-Ti-50
 Cross Section -8.457 To 0.904 %

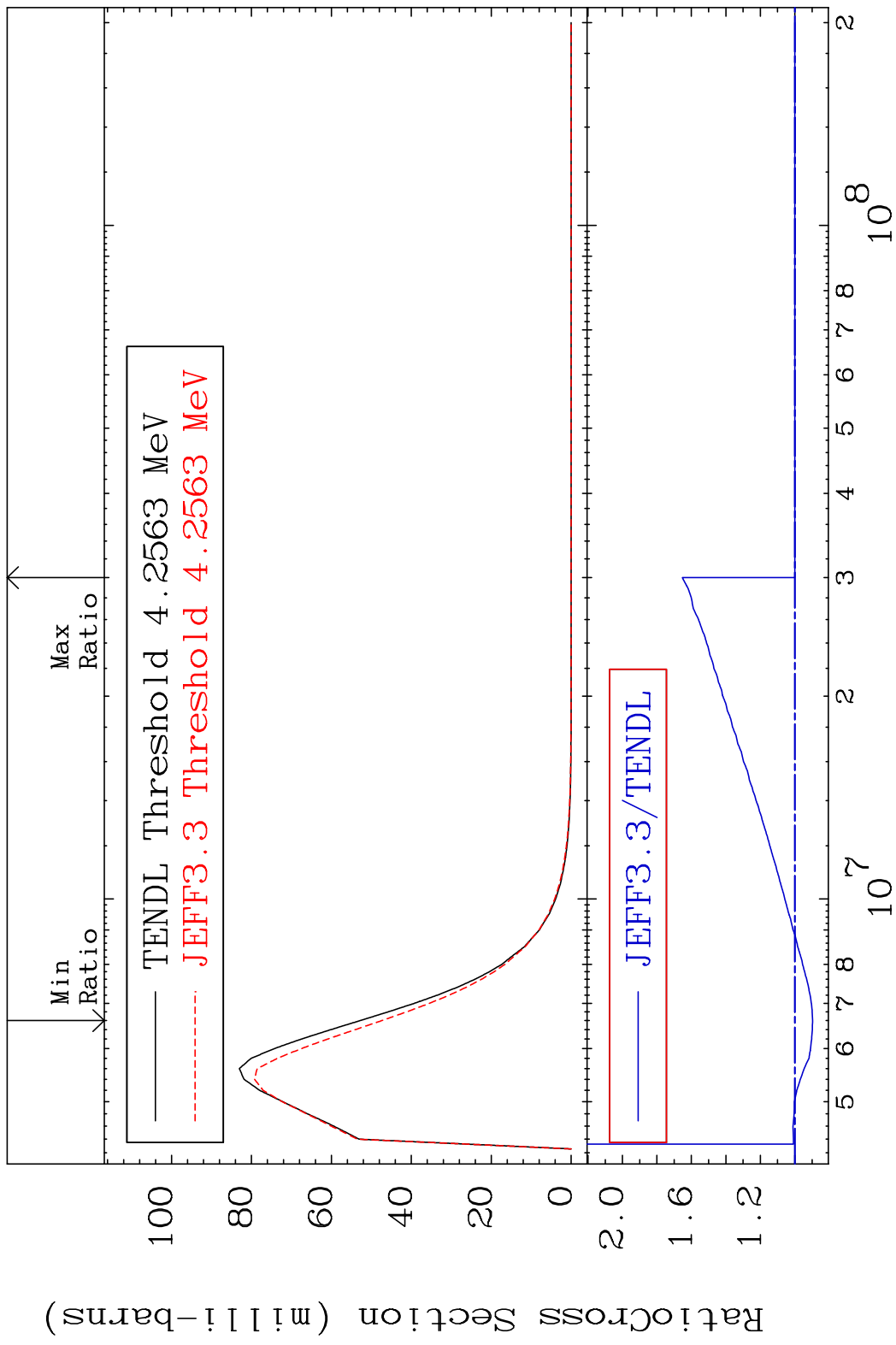


20 Incident Energy (eV) 22-Ti-50

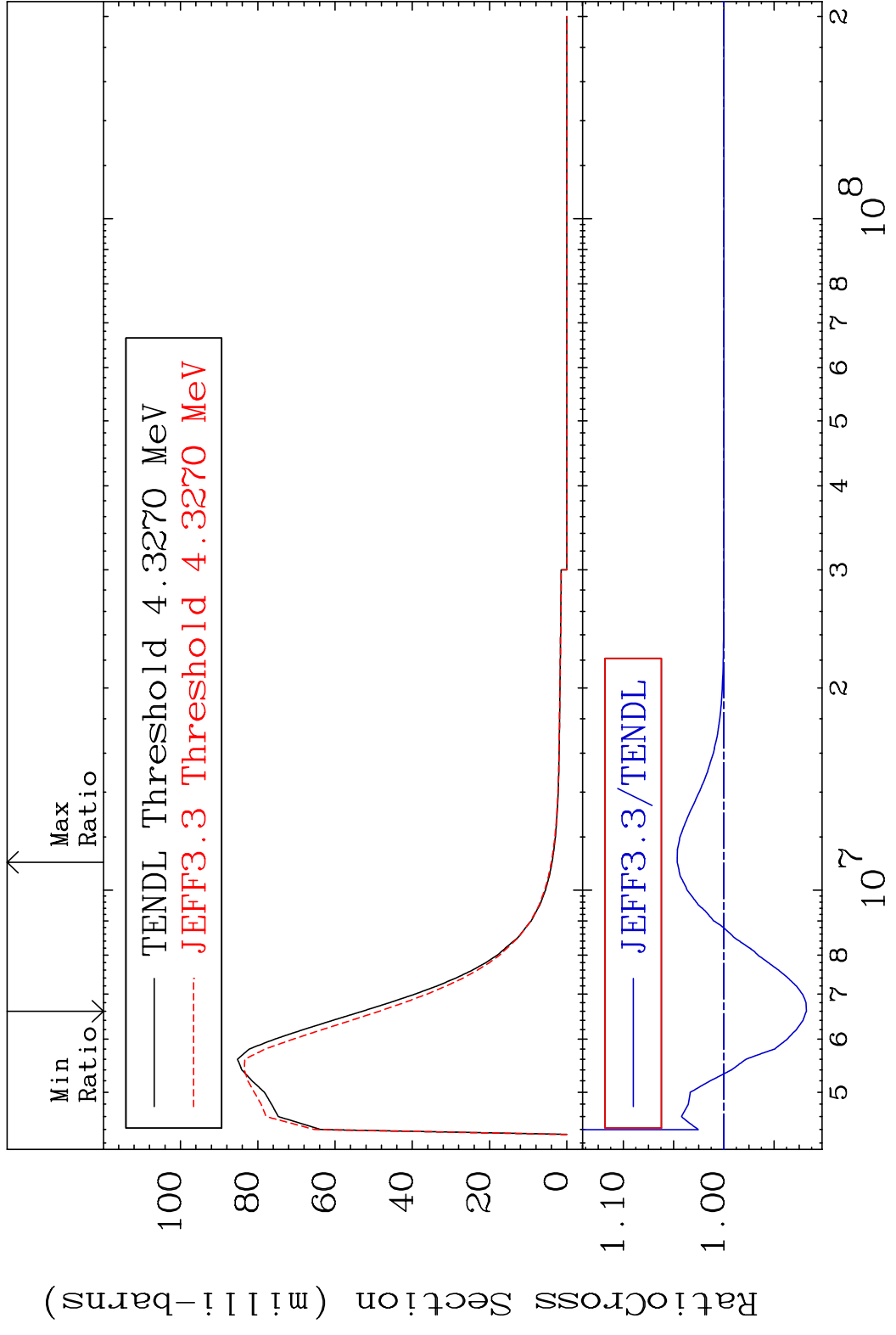
MAT 2237 MT= 58 (n, n') Level 22-Ti-50
 Cross Section -11.84 To 8.578 %



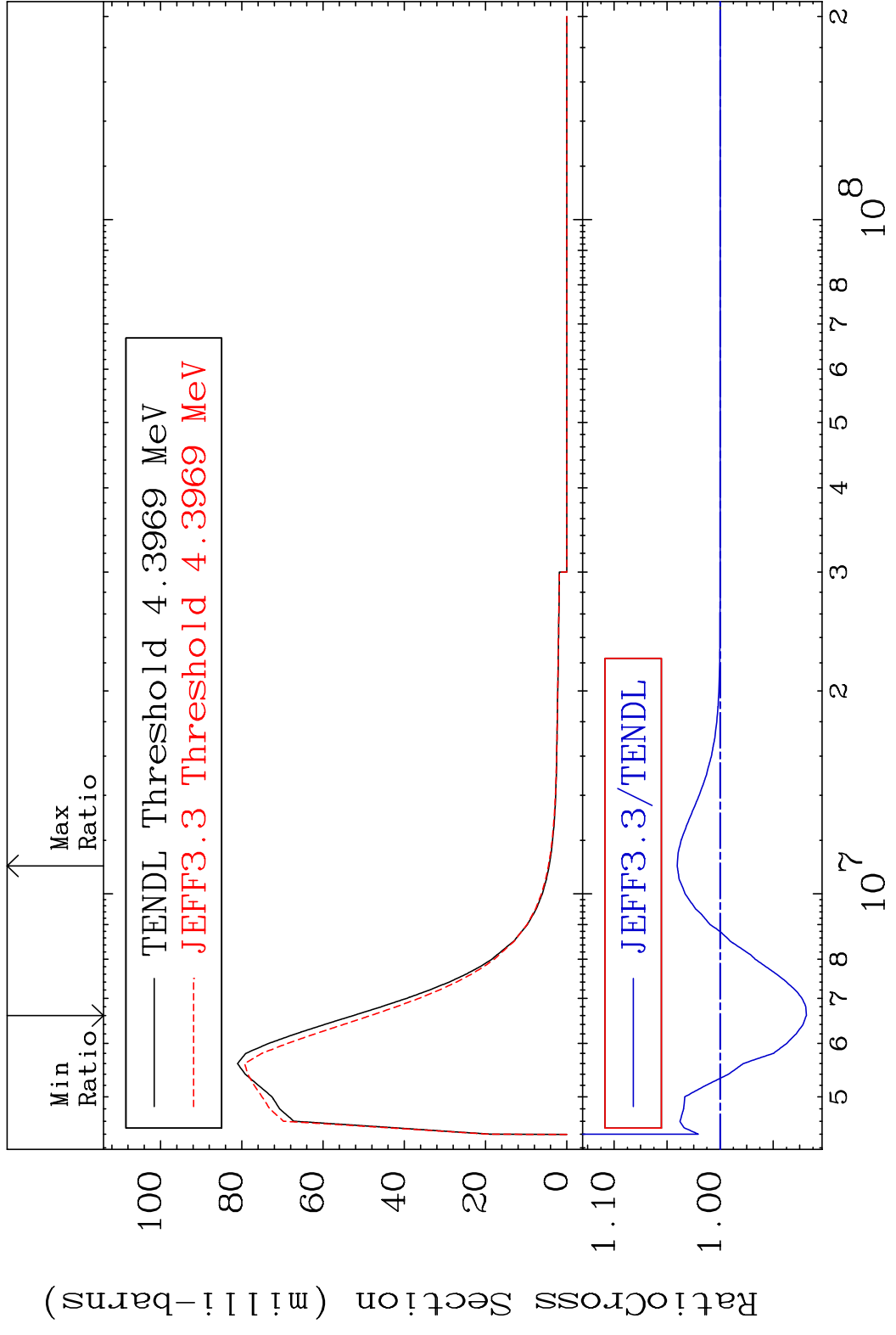
MAT 2237 MT= 59 (n, n') Level 22-Ti-50
 Cross Section -10.29 To 65.24 %



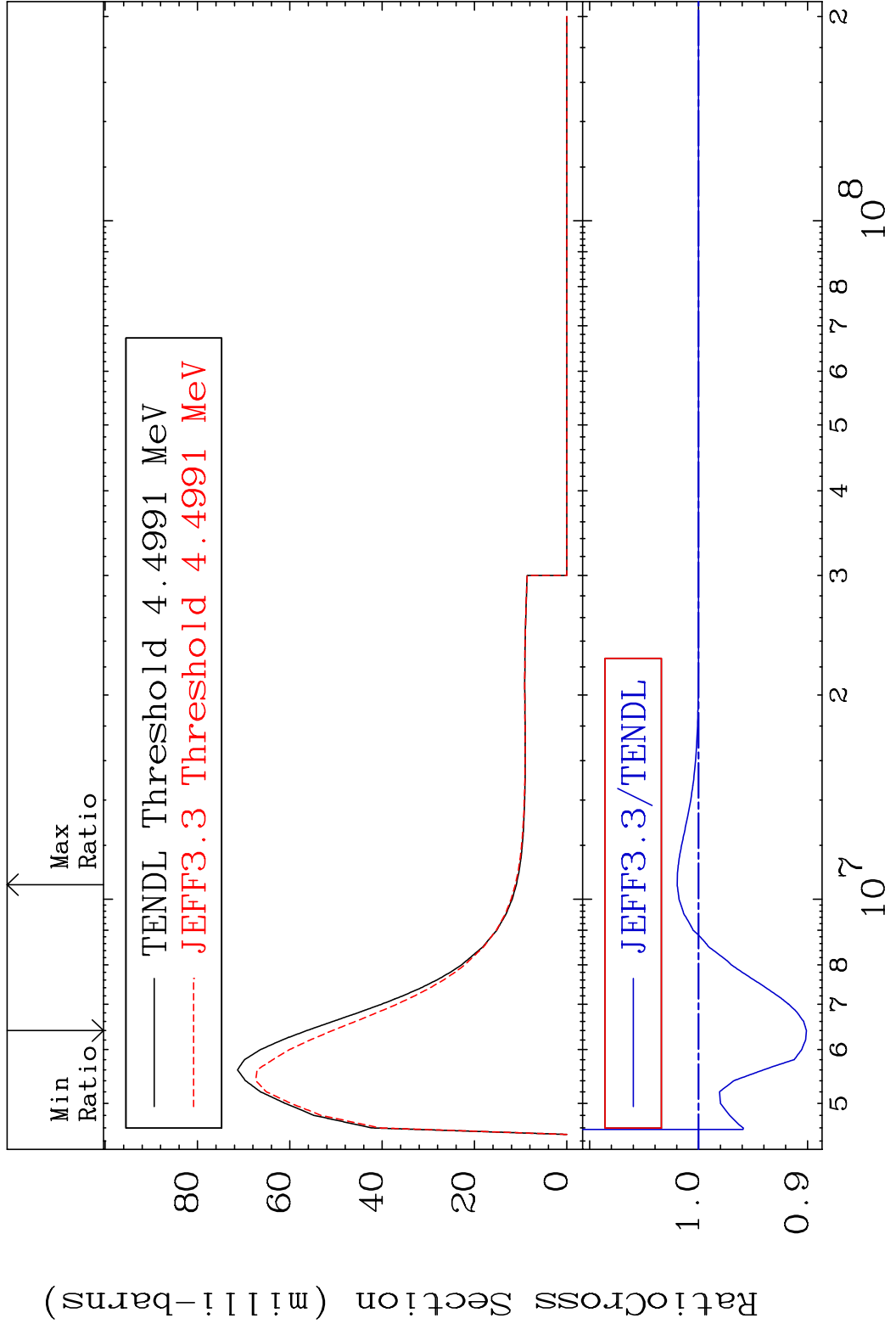
MAT 2237 MT= 60 (n, n') Level 22-Ti-50
 Cross Section -8.217 To 4.640 %



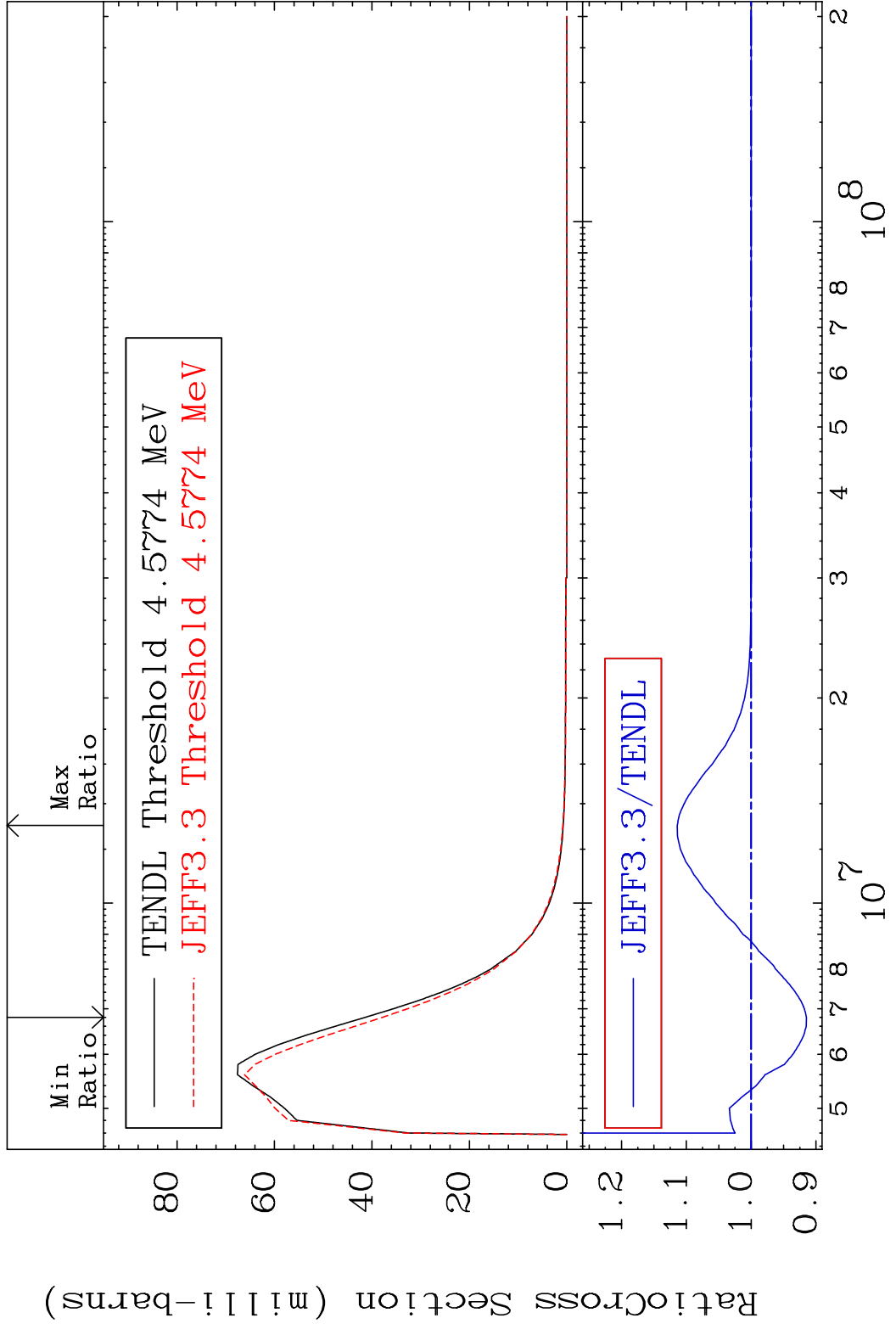
MAT 2237 MT= 61 (n, n') Level 22-Ti-50
 Cross Section -8.132 To 4.052 %



MAT 2237 MT= 62 (n, n') Level 22-Ti-50
 Cross Section -9.899 To 1.965 %



MAT 2237 MT= 63 (n, n') Level 22-Ti-50
 Cross Section -8.521 To 11.42 %

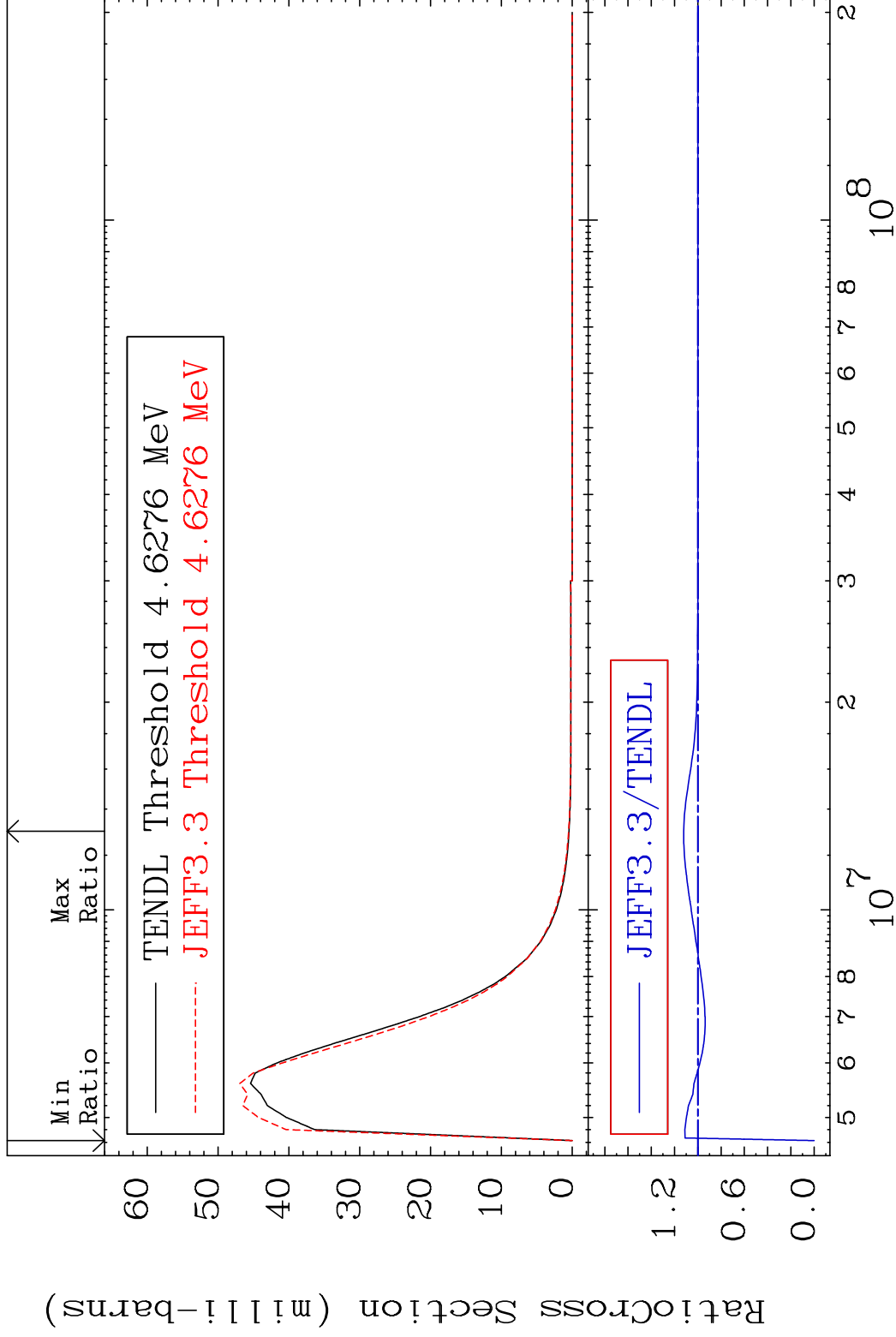


MAT 2237

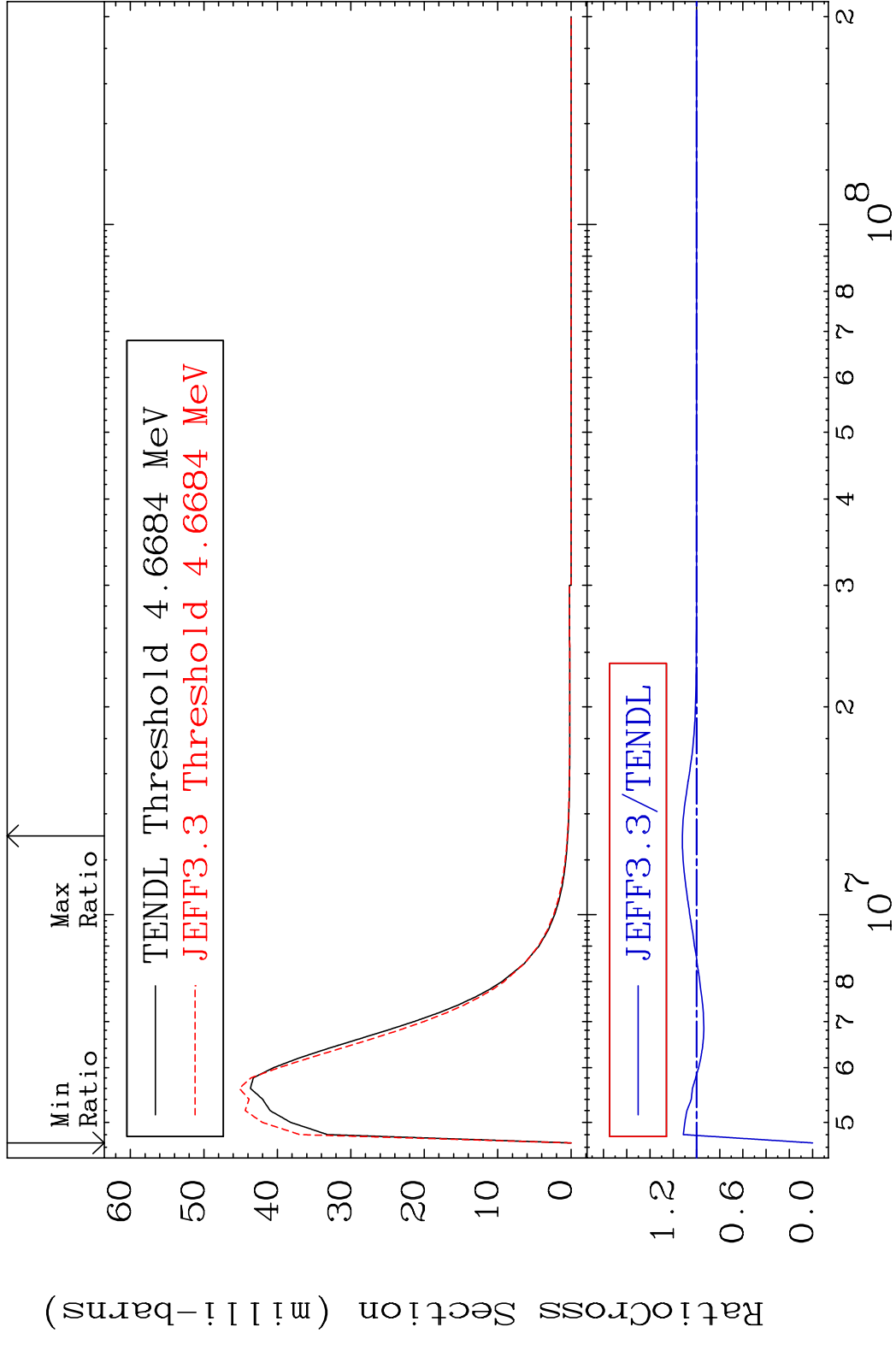
MT= 64 (n, n') Level

22-Ti-50

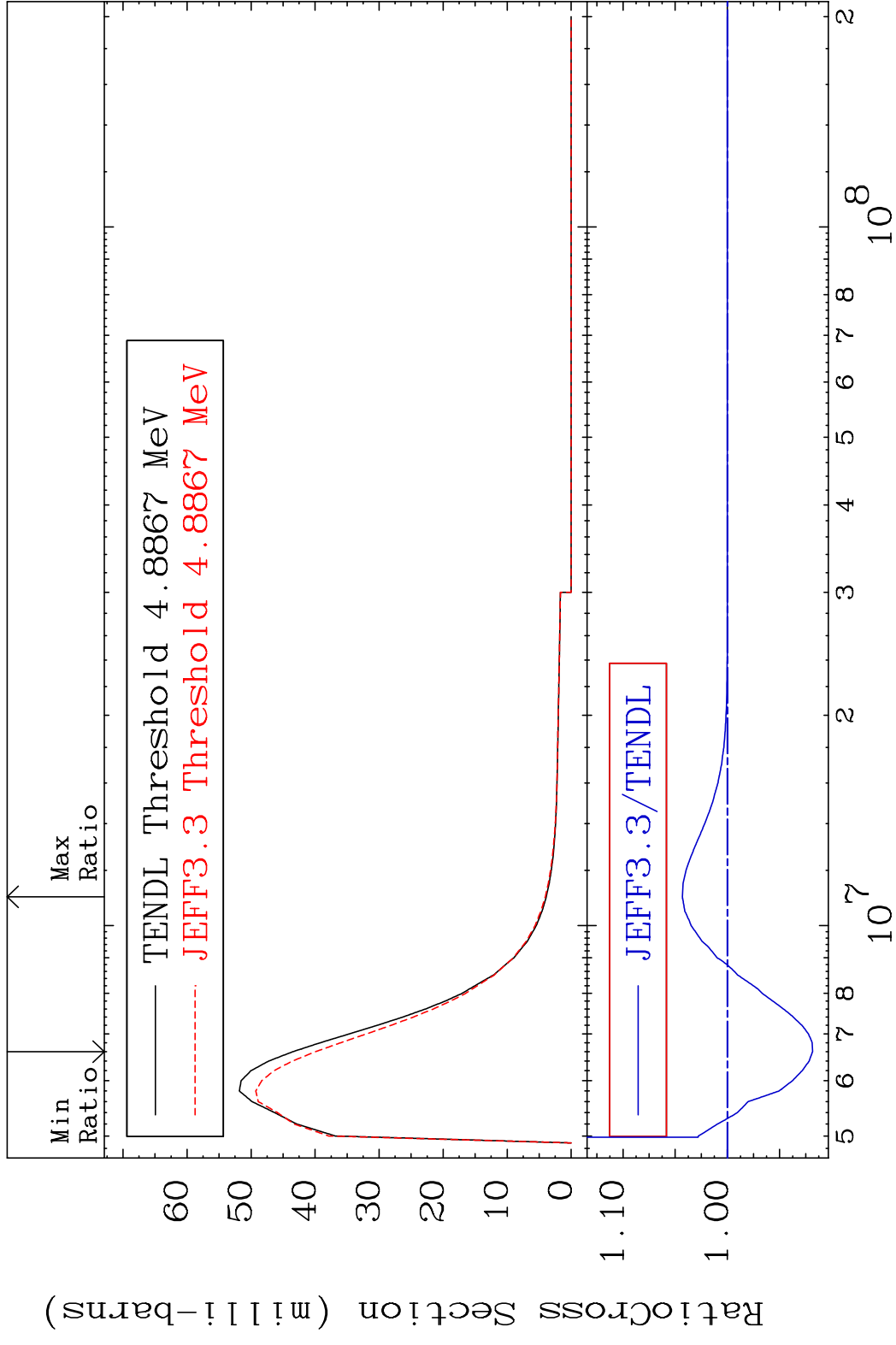
Cross Section -100.0 To 12.17 %



MAT 2237 MT= 65 (n, n') Level 22-Ti-50
 Cross Section -100.0 To 12.15 %



MAT 2237 MT= 66 (n,n') Level 22-Ti-50
 Cross Section -8.156 To 4.314 %

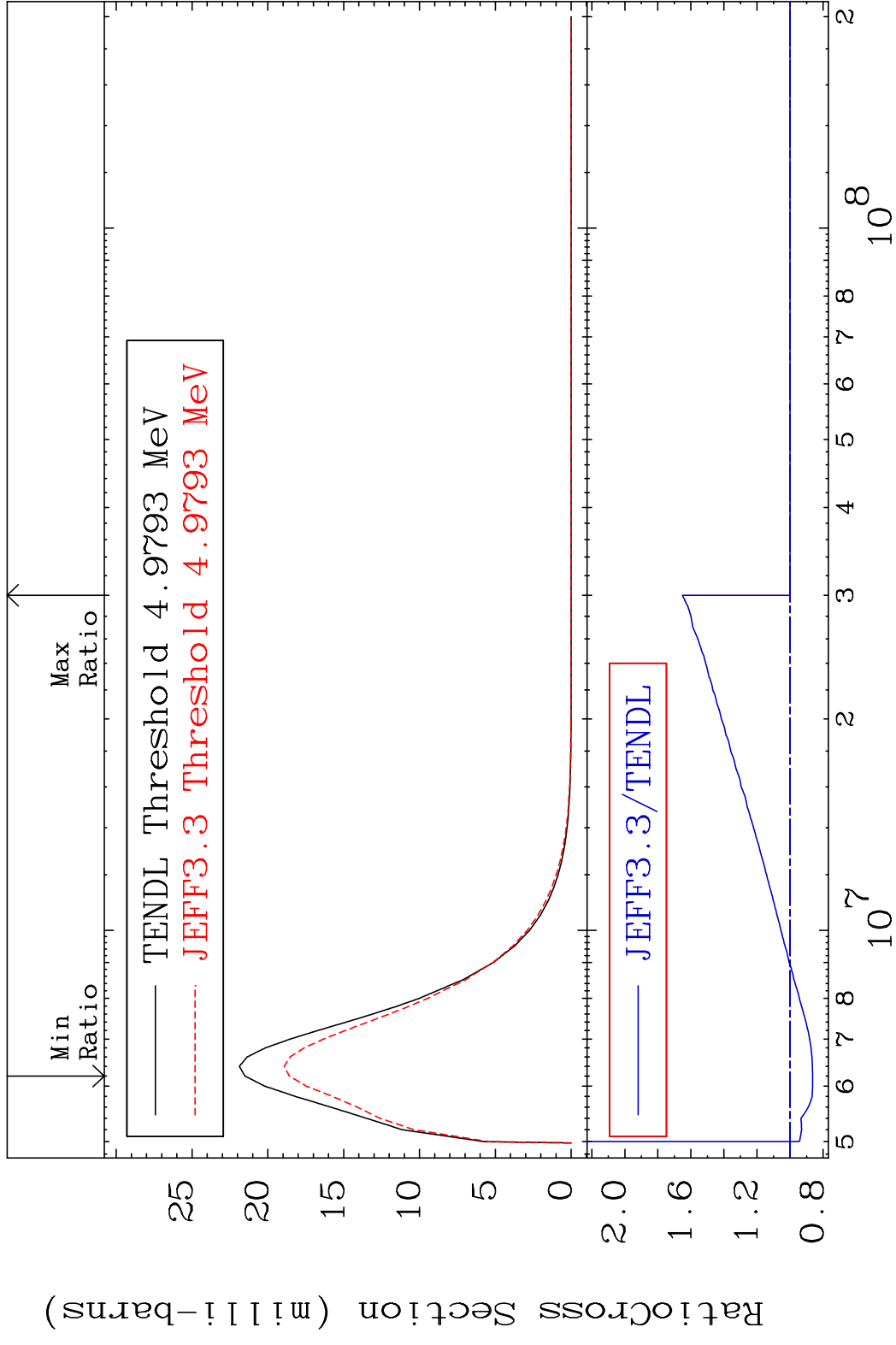


MAT 2237

MT= 67 (n, n') Level

22-Ti-50

Cross Section -13.62 To 65.18 %

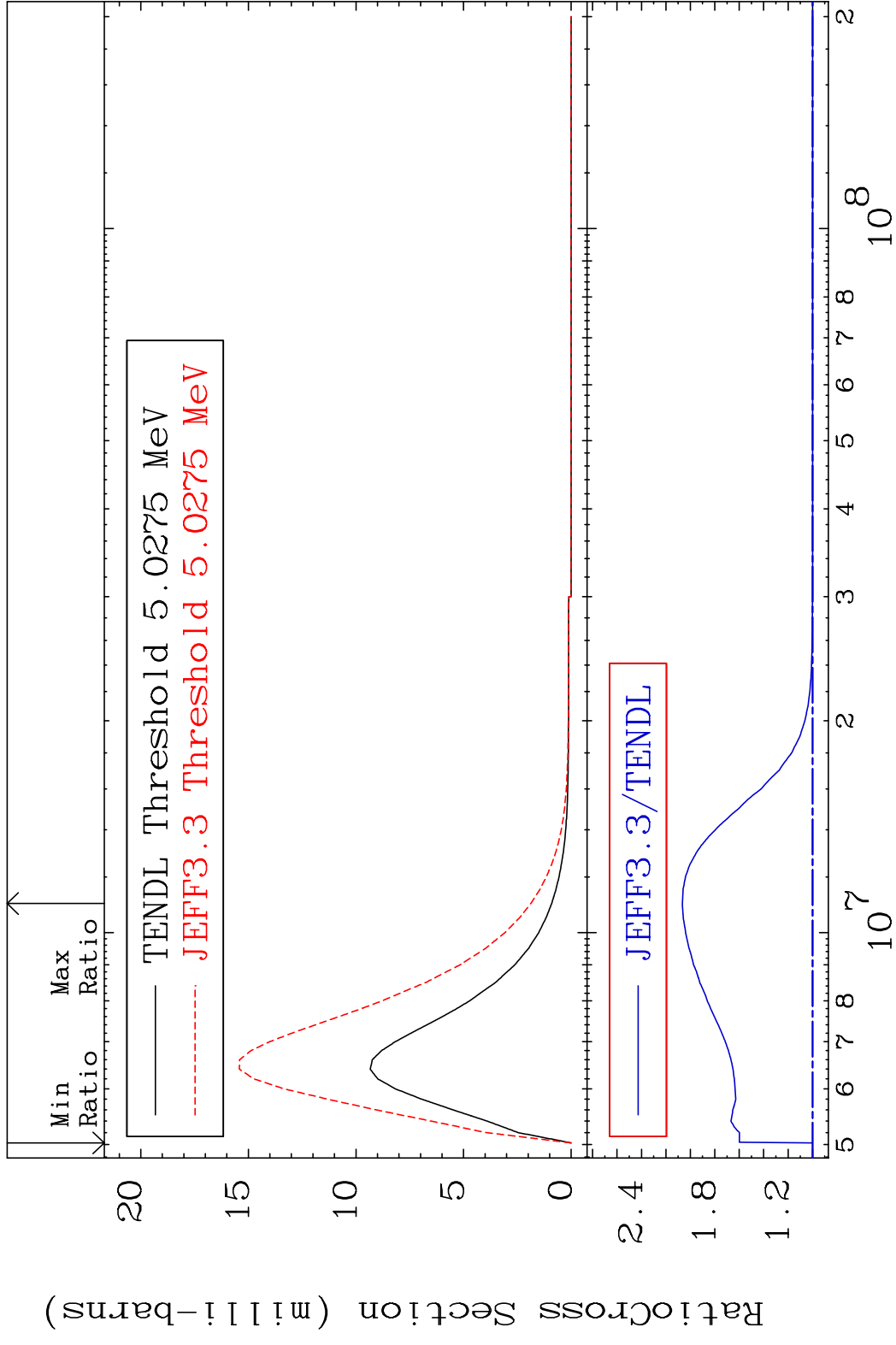


30

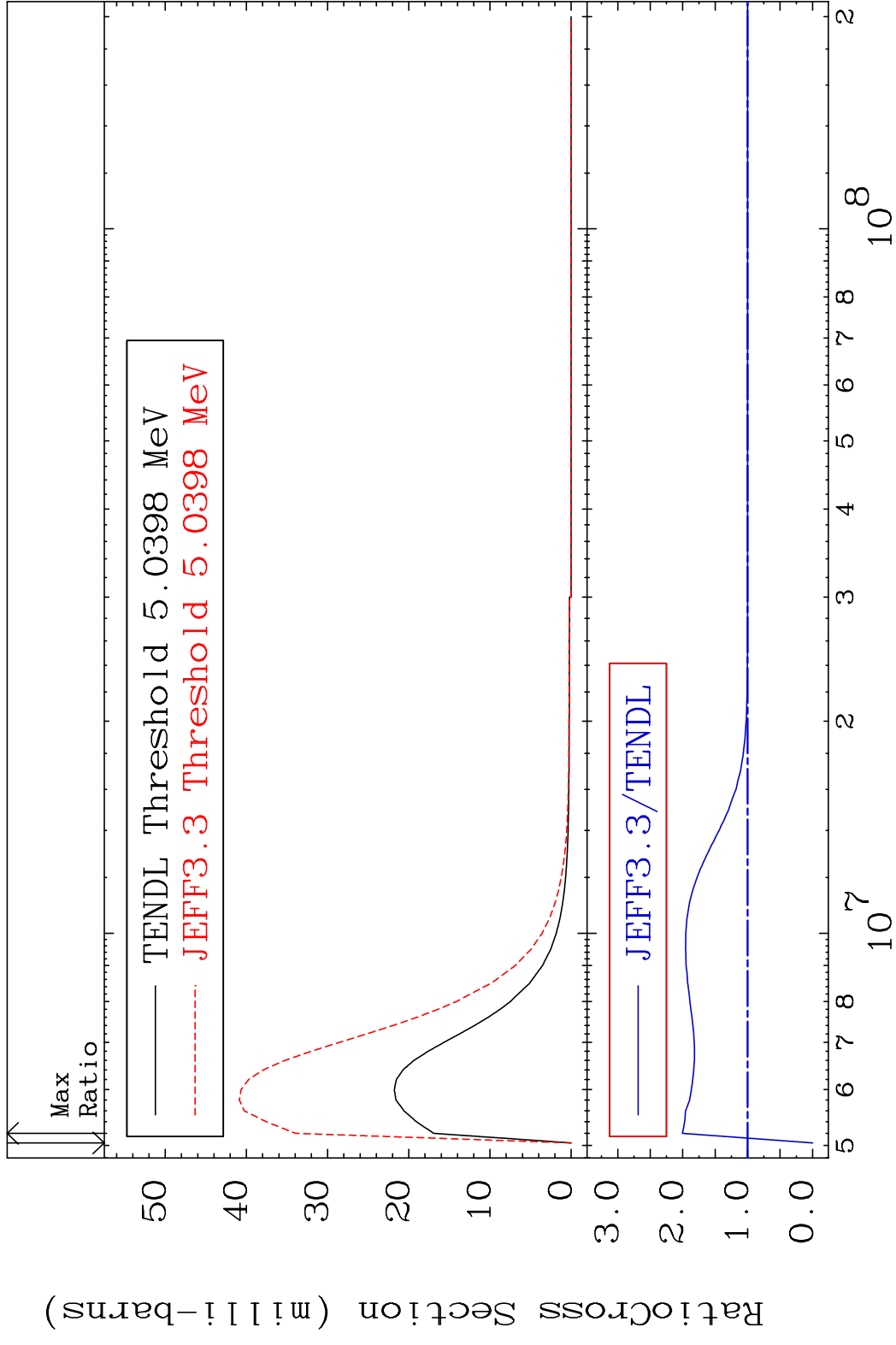
Incident Energy (eV)

22-Ti-50

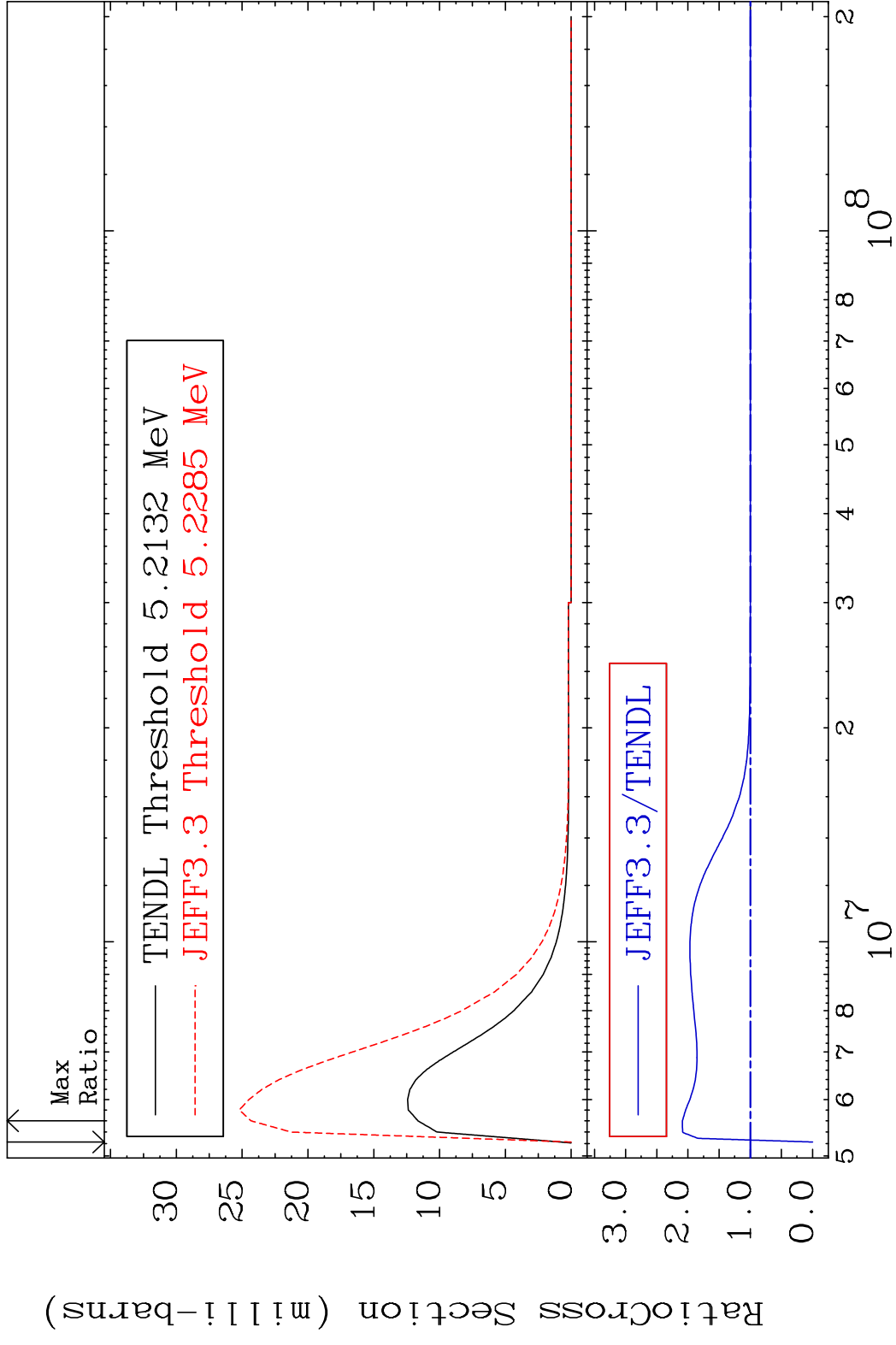
MAT 2237 MT= 68 (n, n') Level 22-Ti-50
 Cross Section 0.000 To 106.5 %



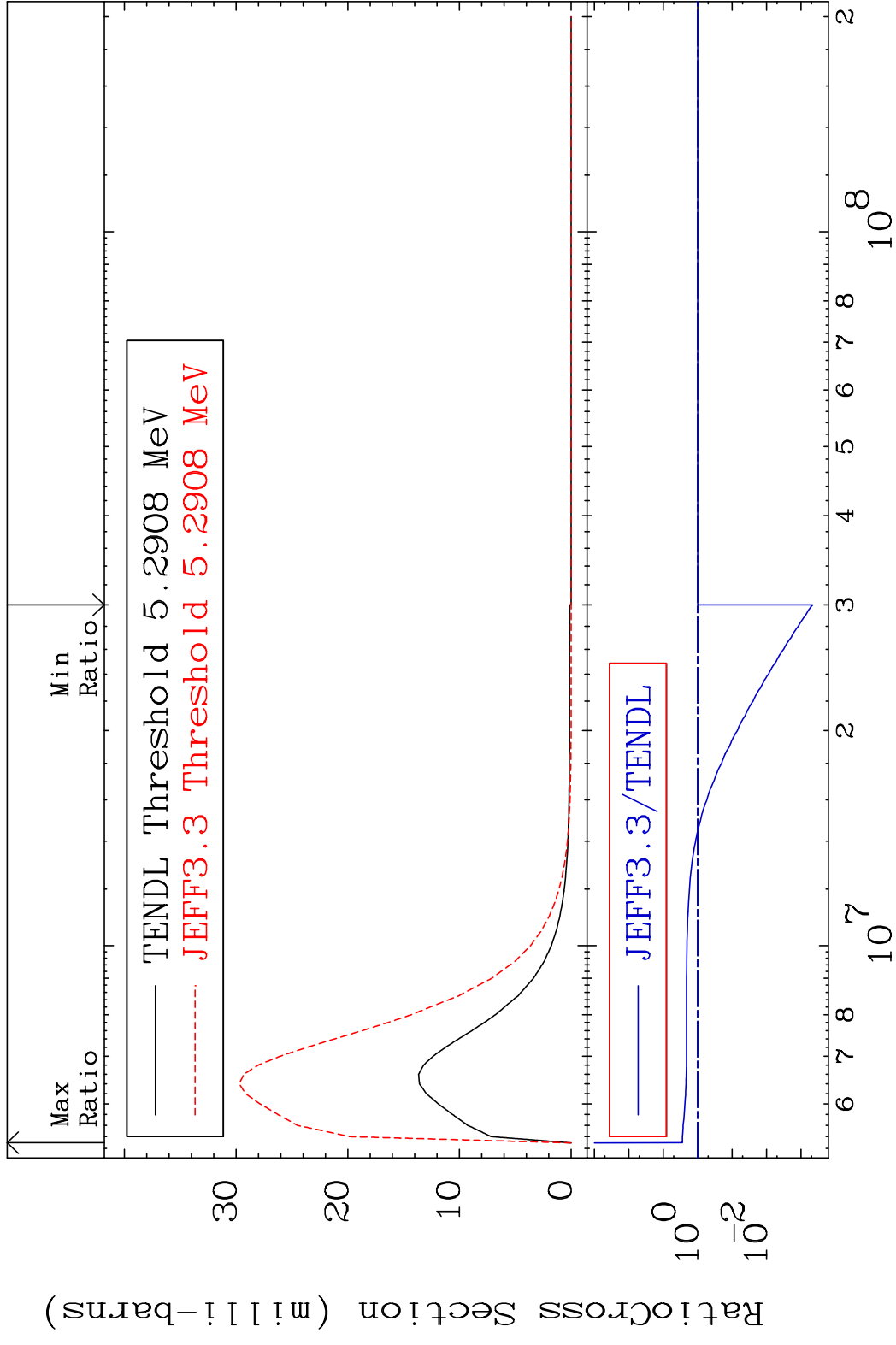
MAT 2237 MT= 69 (n, n') Level 22-Ti-50
 Cross Section -100.0 To 100.5 %



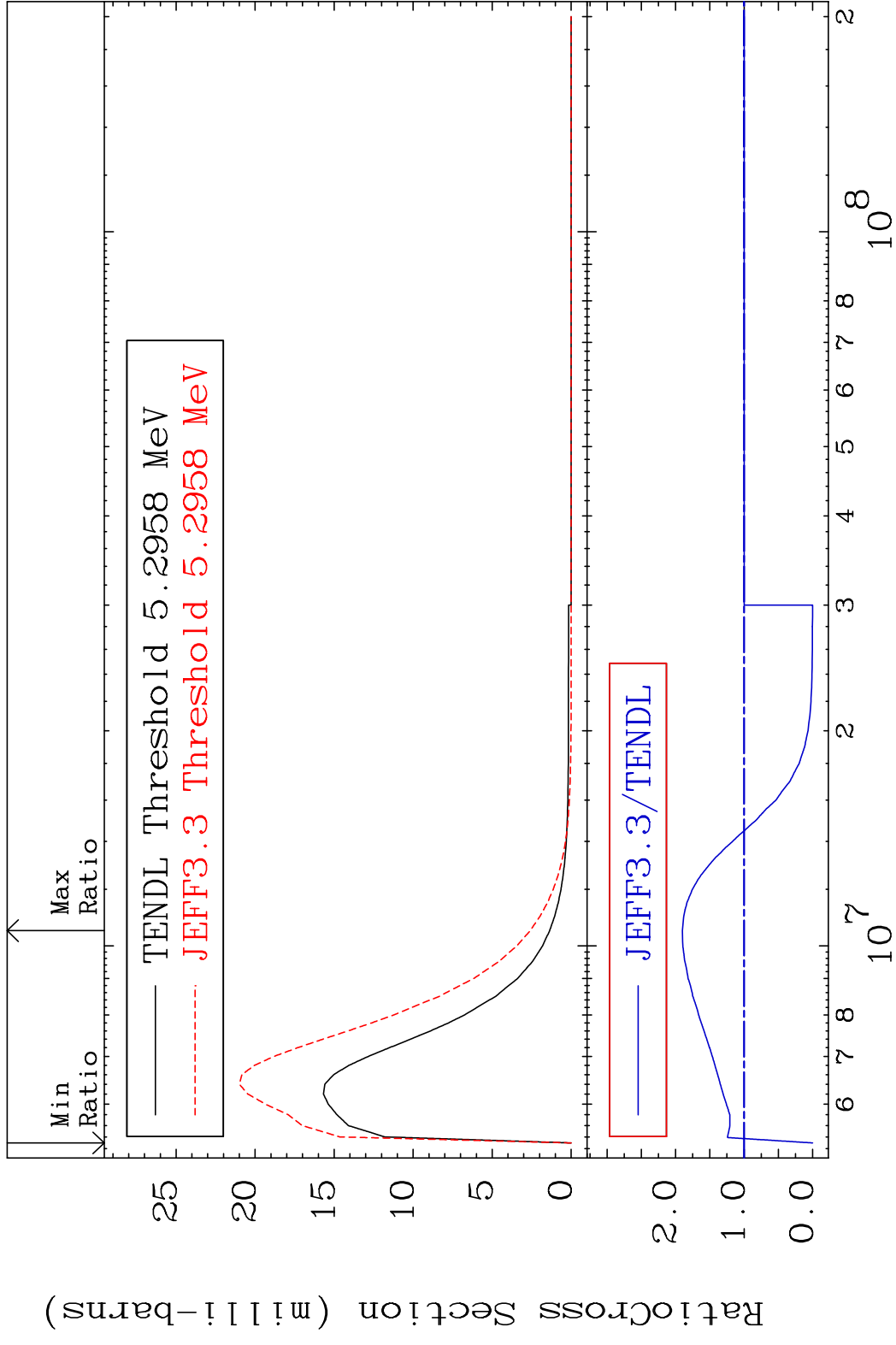
MAT 2237 MT= 70 (n, n') Level 22-Ti-50
 Cross Section -100.0 To 109.0 %



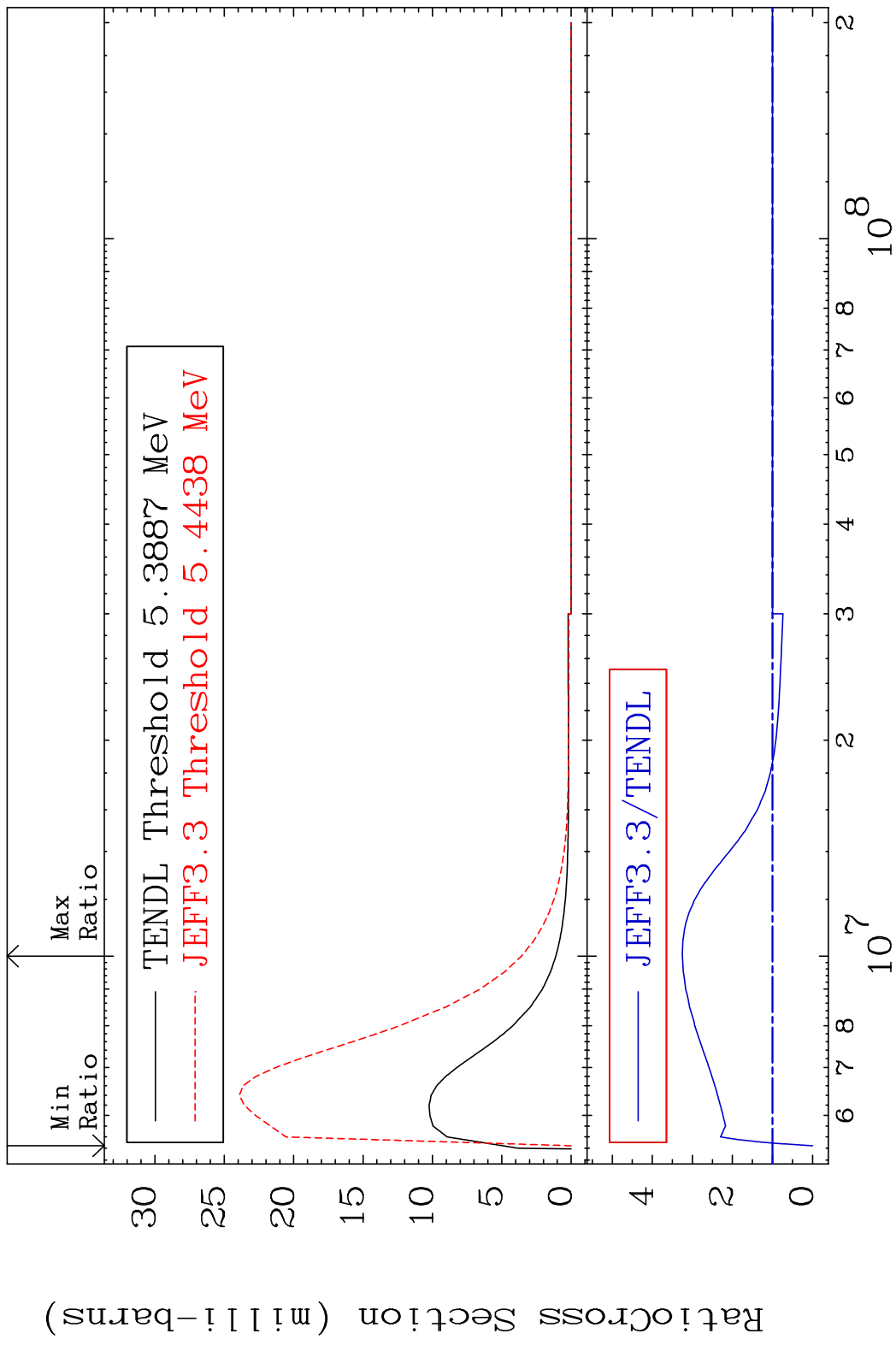
MAT 2237 MT= 71 (n, n') Level 22-Ti-50
 Cross Section -99.95 To 179.1 %



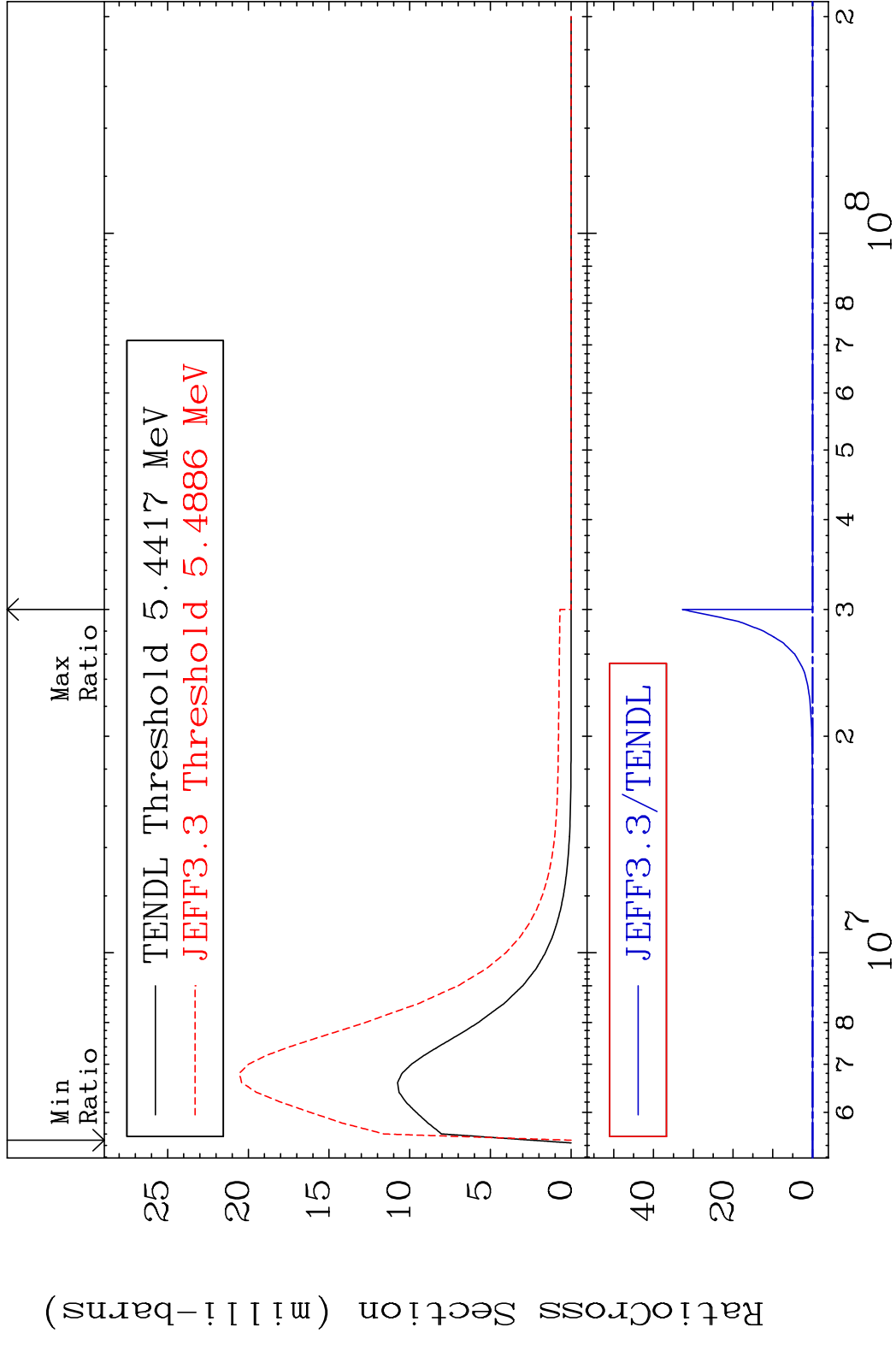
MAT 2237 MT= 72 (n, n') Level 22-Ti-50
 Cross Section -100.0 To 90.14 %



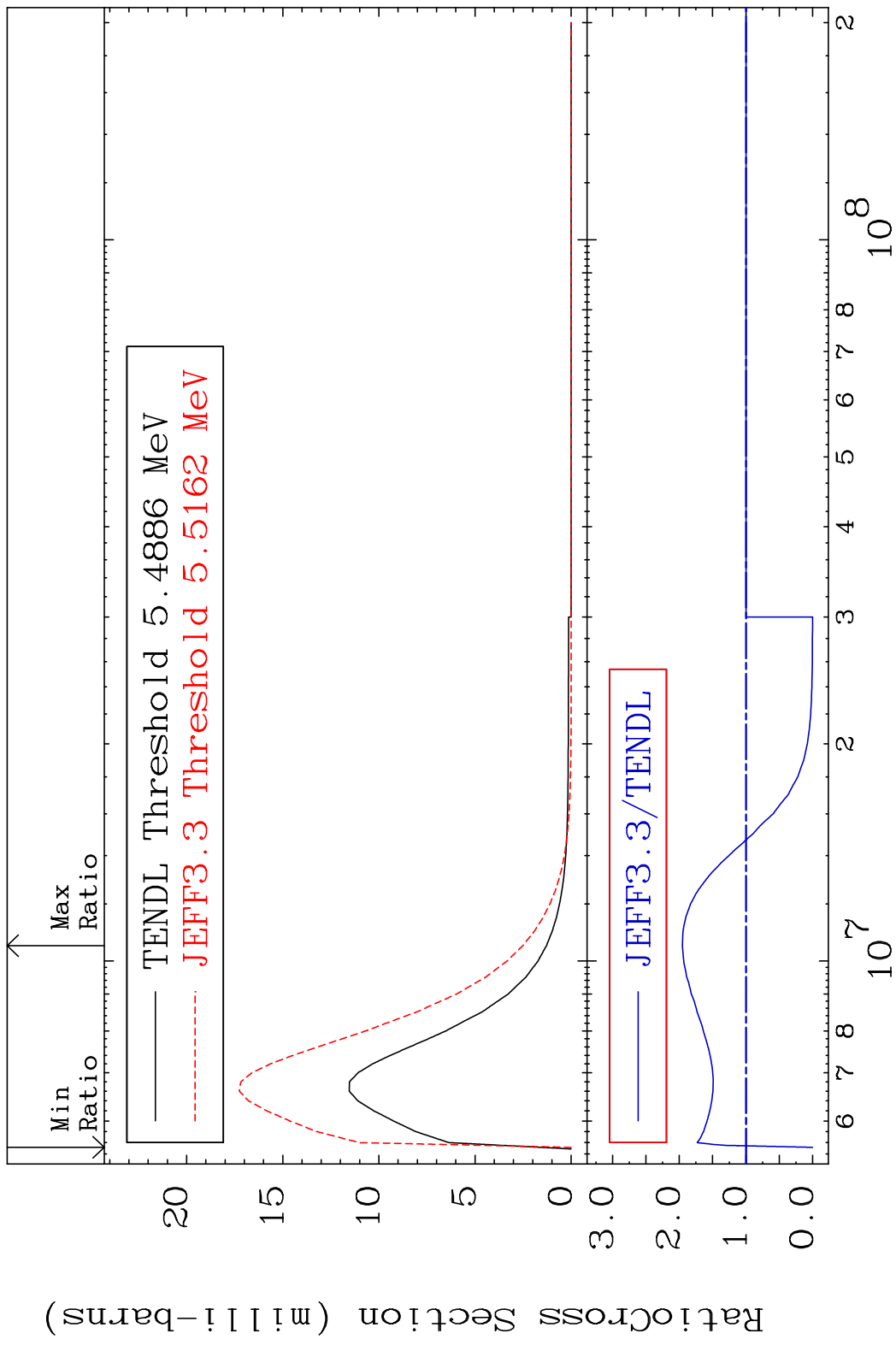
MAT 2237 MT= 73 (n, n') Level 22-Ti-50
 Cross Section -100.0 To 225.0 %



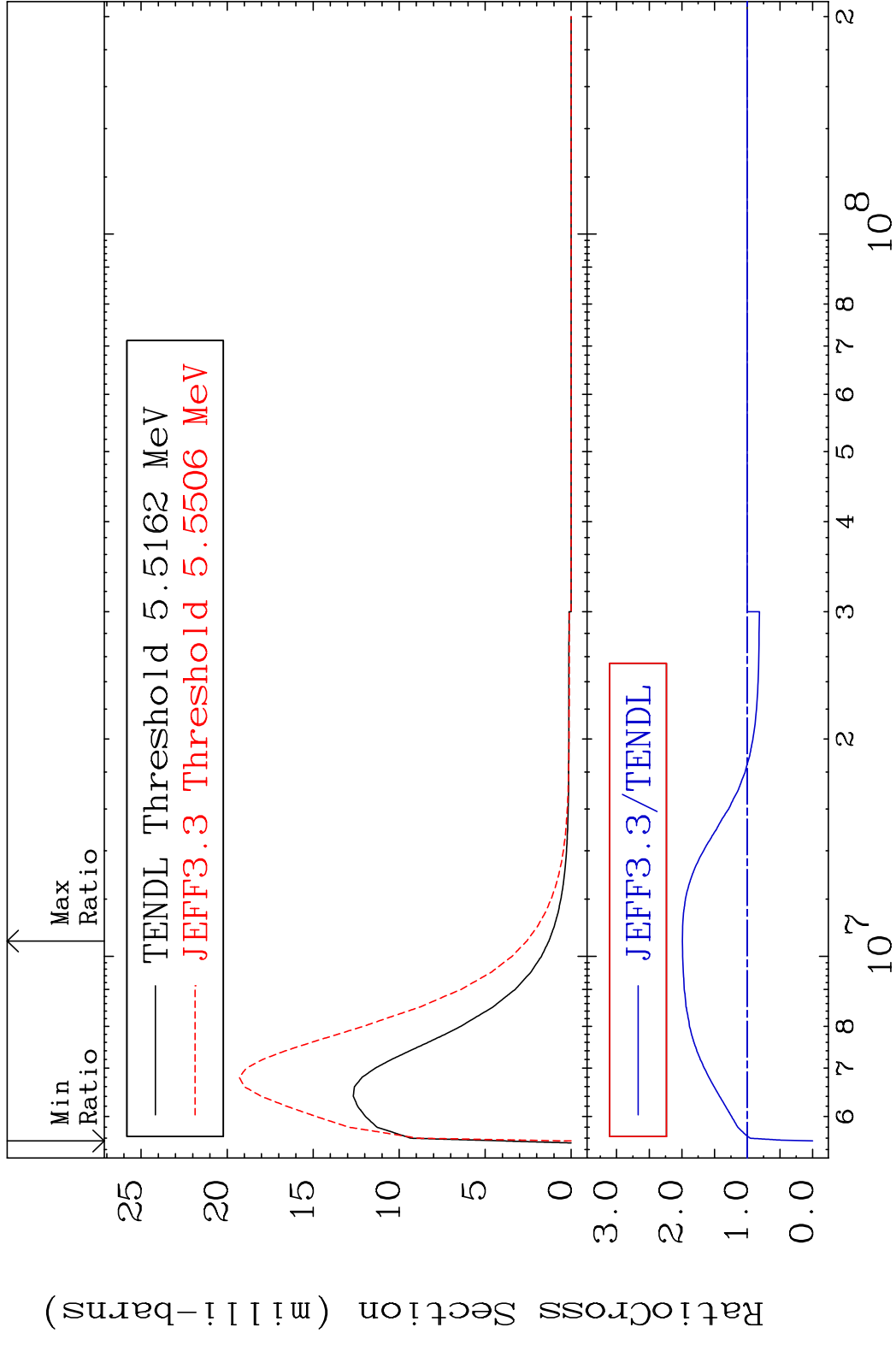
MAT 2237 MT= 74 (n, n') Level 22-Ti-50
 Cross Section -100.0 To 9999. %



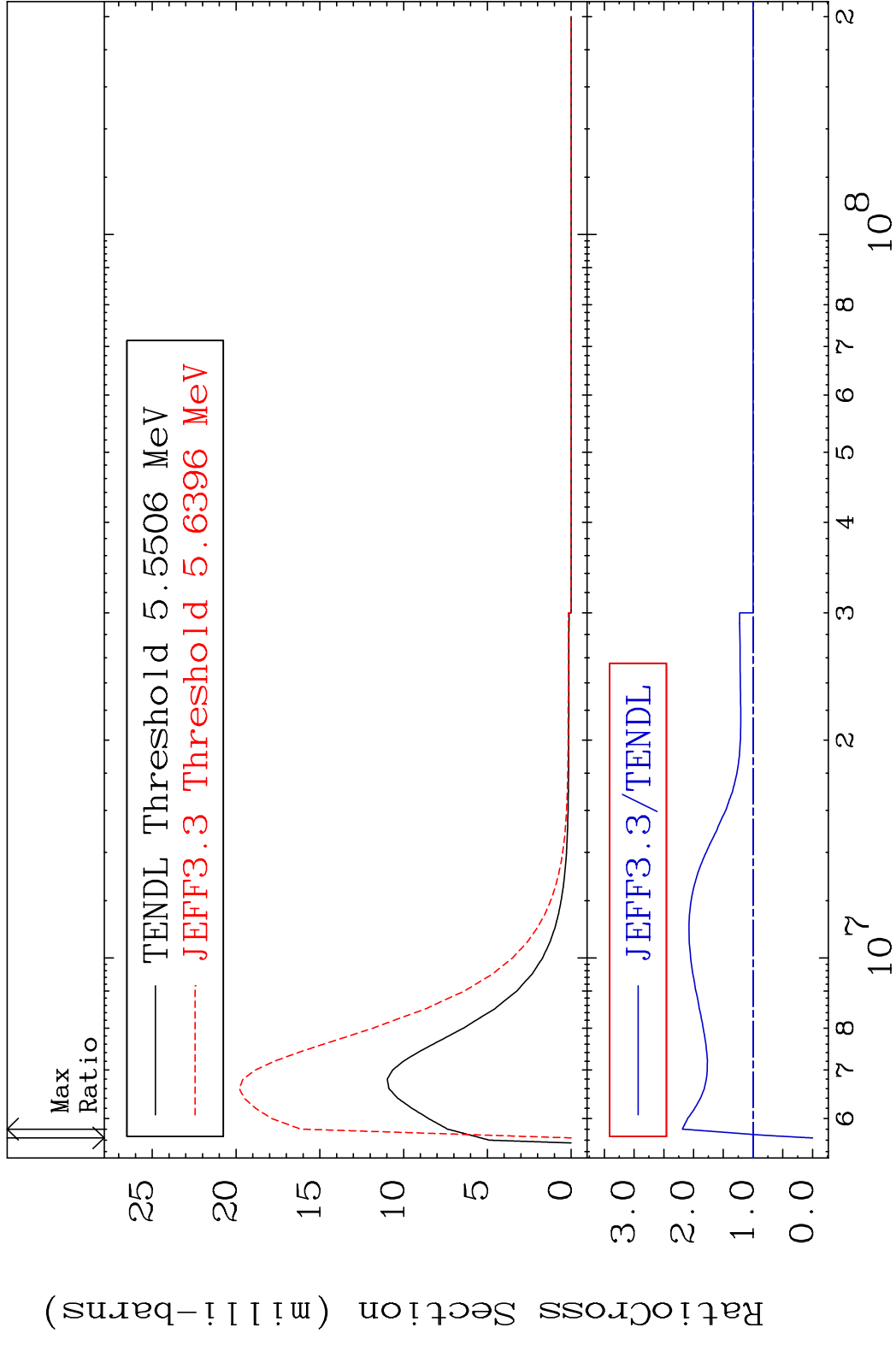
MAT 2237 MT= 75 (n, n') Level 22-Ti-50
 Cross Section -100.0 To 95.40 %



MAT 2237 MT= 76 (n,n') Level 22-Ti-50
 Cross Section -100.0 To 99.28 %



MAT 2237 MT= 77 (n,n') Level 22-Ti-50
 Cross Section -100.0 To 118.8 %

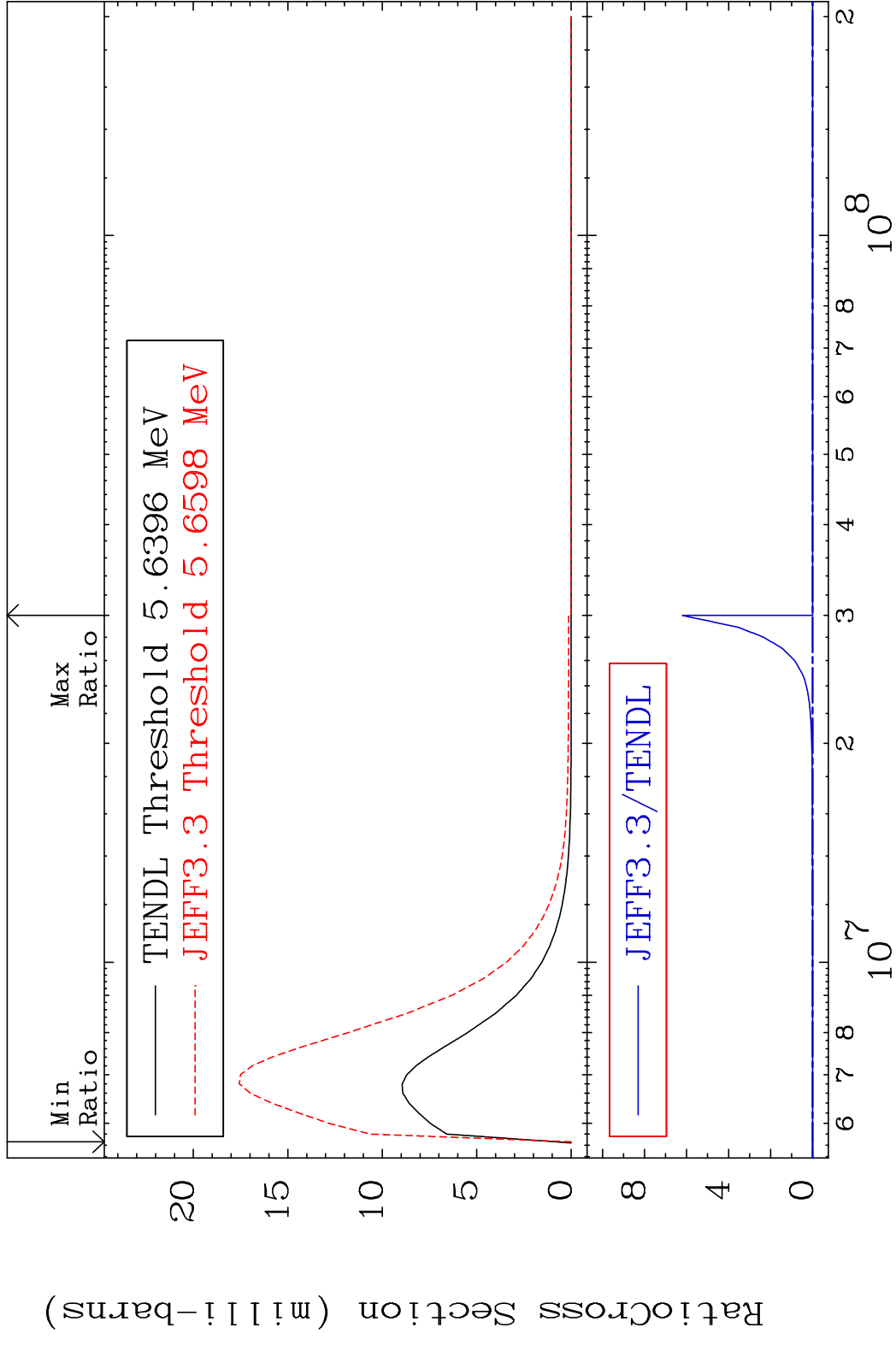


40

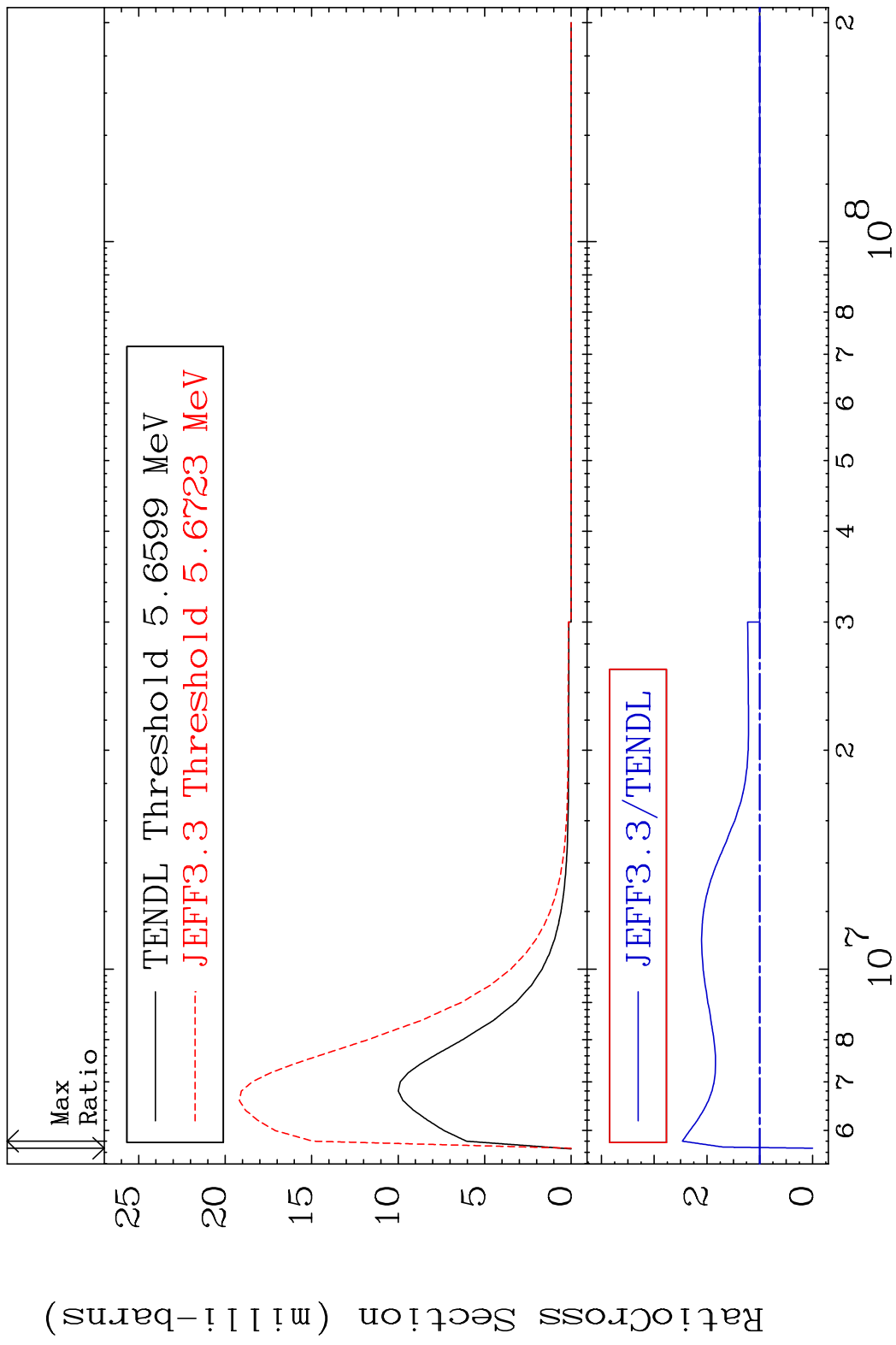
Incident Energy (eV)

22-Ti-50

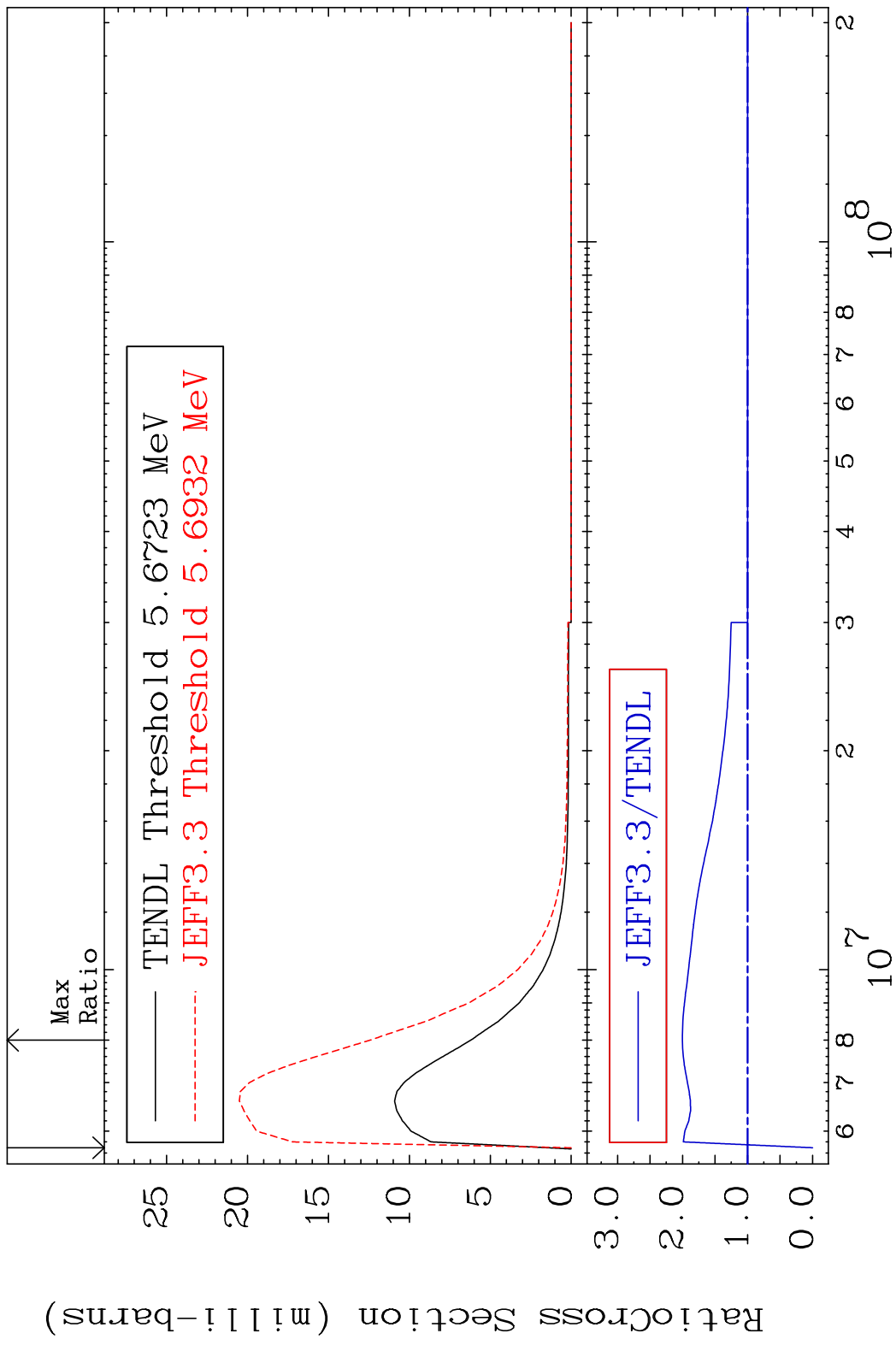
MAT 2237 MT= 78 (n,n') Level 22-Ti-50
 Cross Section -100.0 To 9999. %



MAT 2237 MT= 79 (n, n') Level 22-Ti-50
 Cross Section -100.0 To 146.7 %



MAT 2237 MT= 80 (n,n') Level 22-Ti-50
 Cross Section -100.0 To 100.3 %

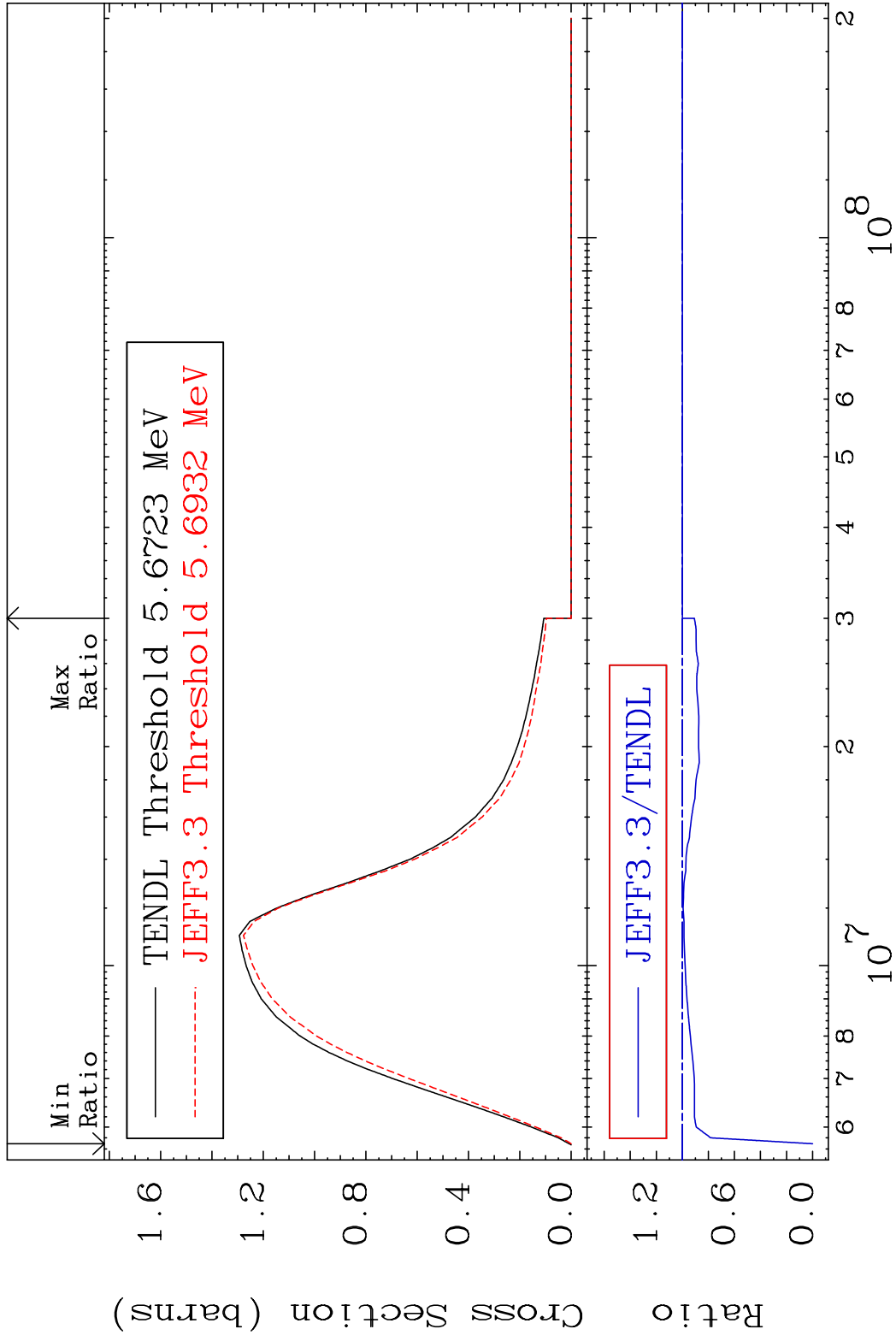


MAT 2237

(n,n') Continuum

²²Ti-50

Cross Section -100.0 To 0.000 %



44

Incident Energy (eV)

²²Ti-50

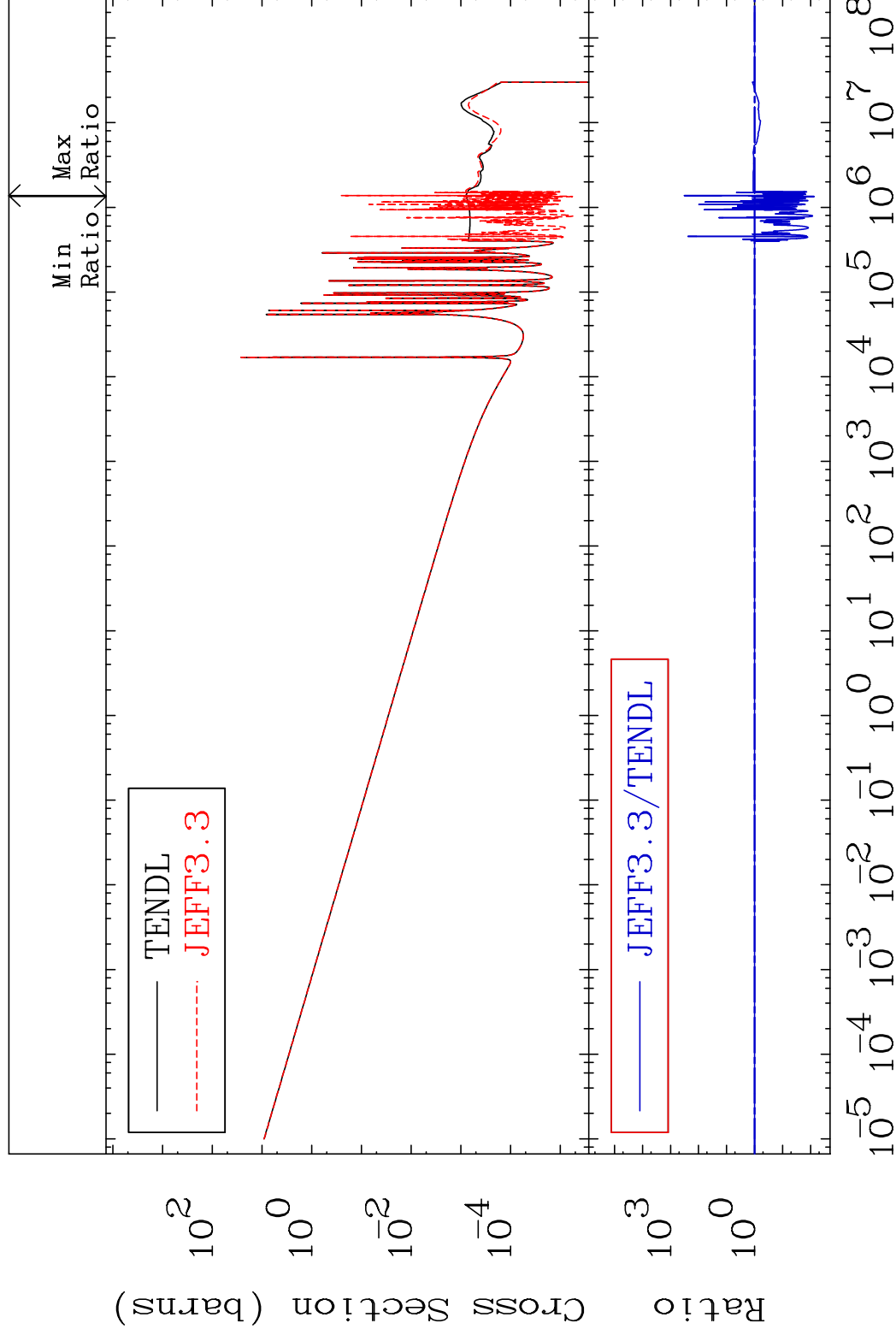
MAT 2237

(n, γ)

22-Ti-50

Cross Section

-99.26 To 9999. %

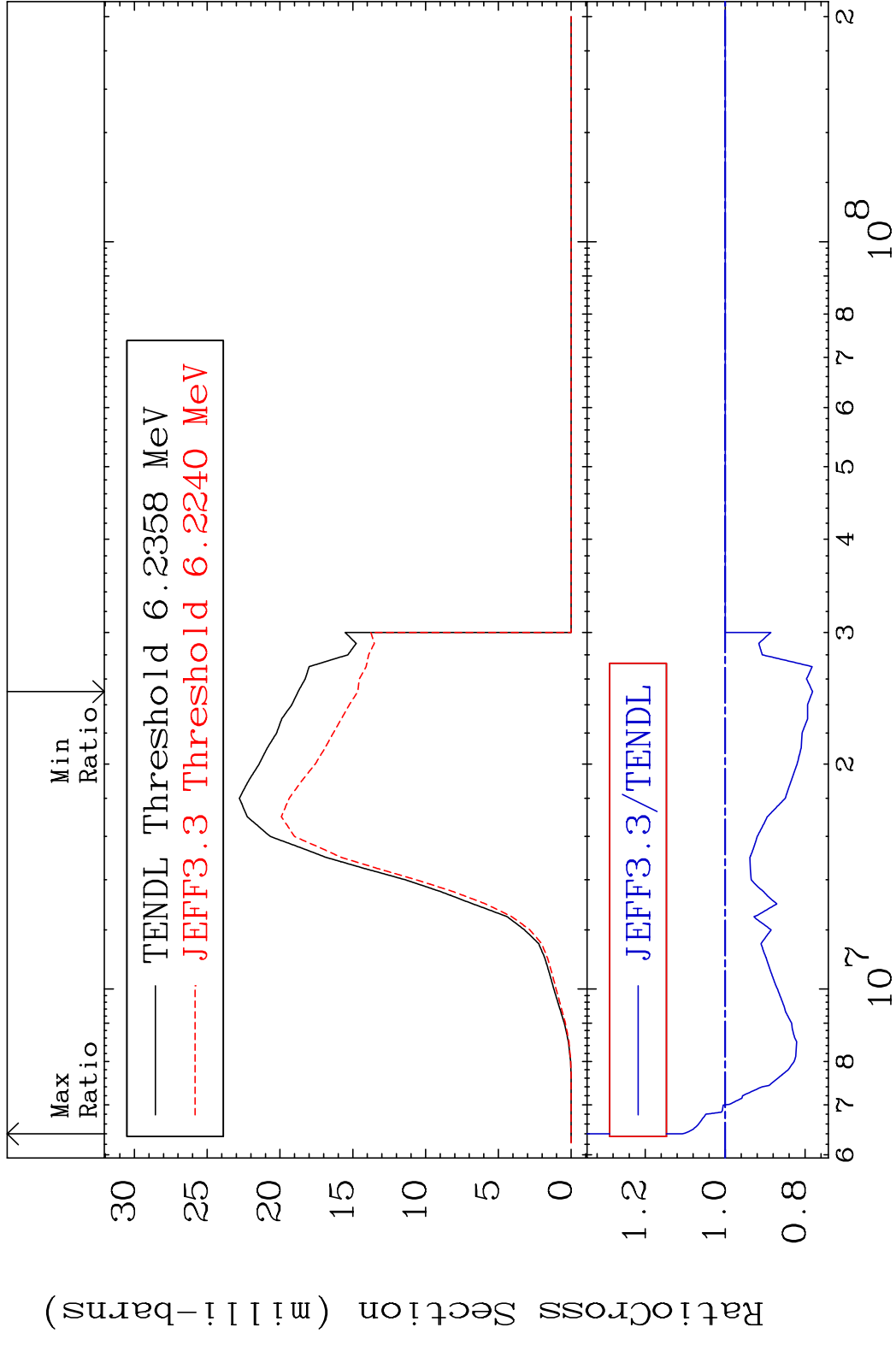


45

Incident Energy (eV)

22-Ti-50

MAT 2237 (n,p) 22-Ti-50
 Cross Section -21.85 To 10.70 %

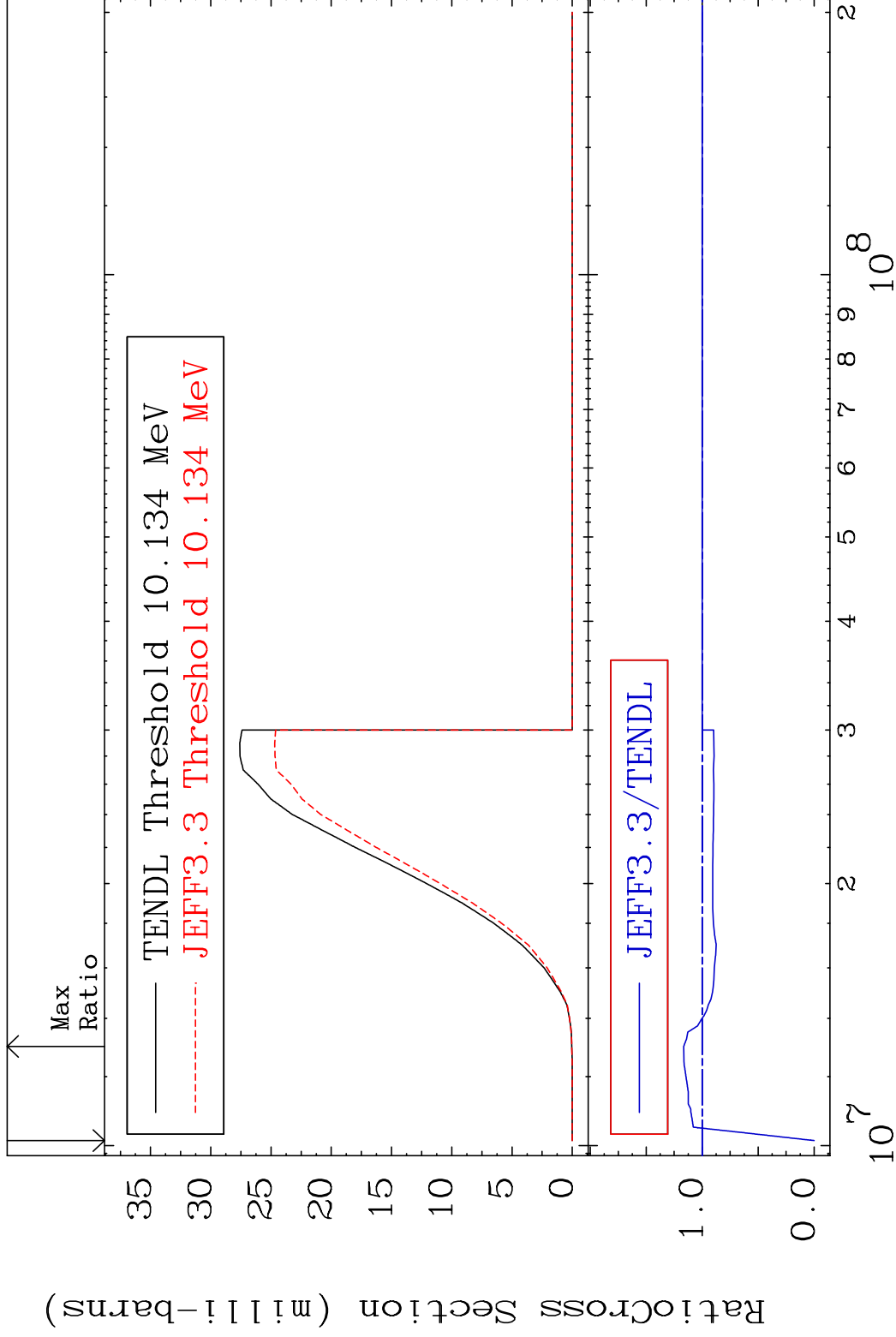


MAT 2237

(n, d)

22-Ti-50

Cross Section -100.0 To 16.55 %



47

Incident Energy (eV)

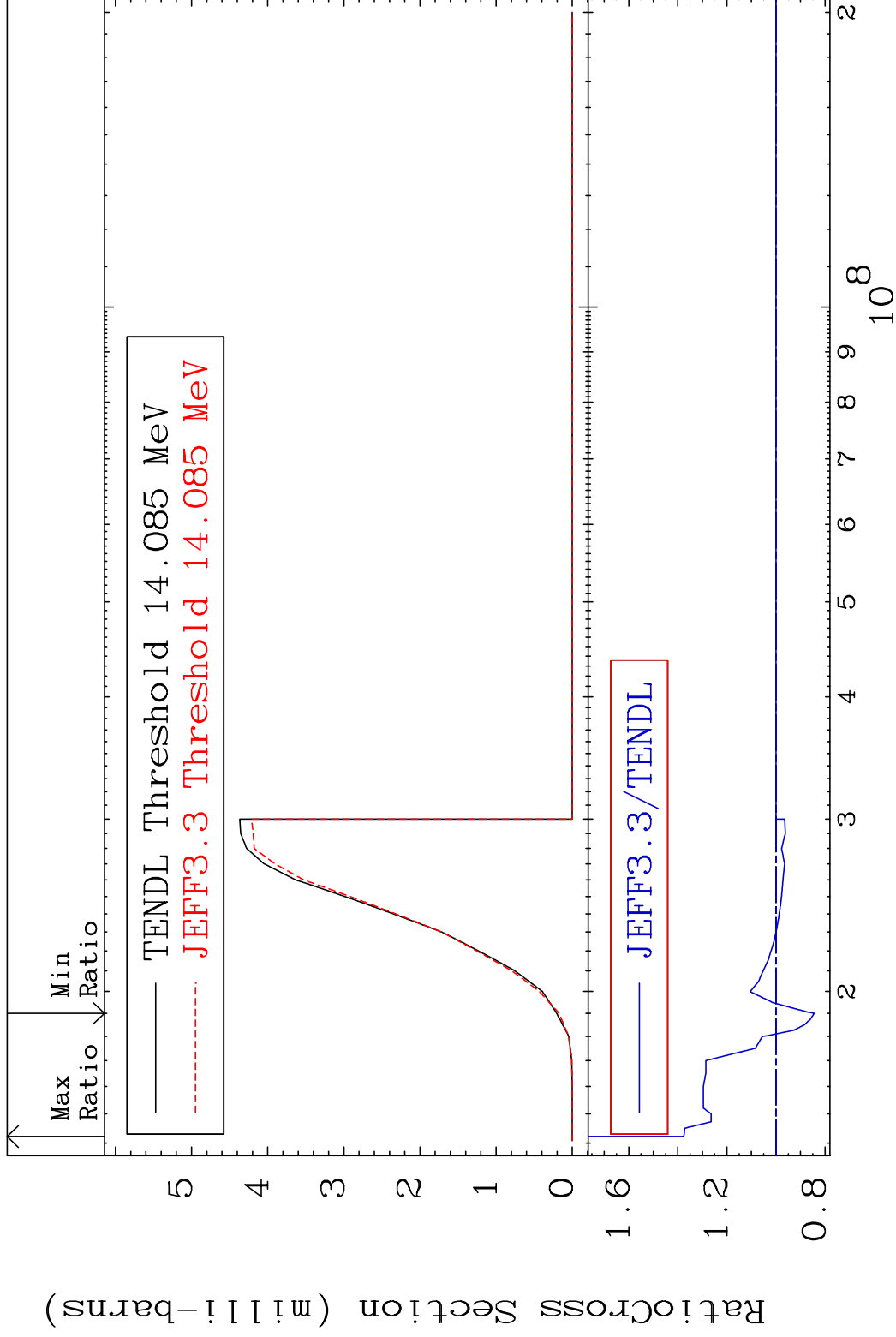
22-Ti-50

MAT 2237

(n, t)

²²Ti-50

Cross Section -15.54 To 37.63 %



48

Incident Energy (eV)

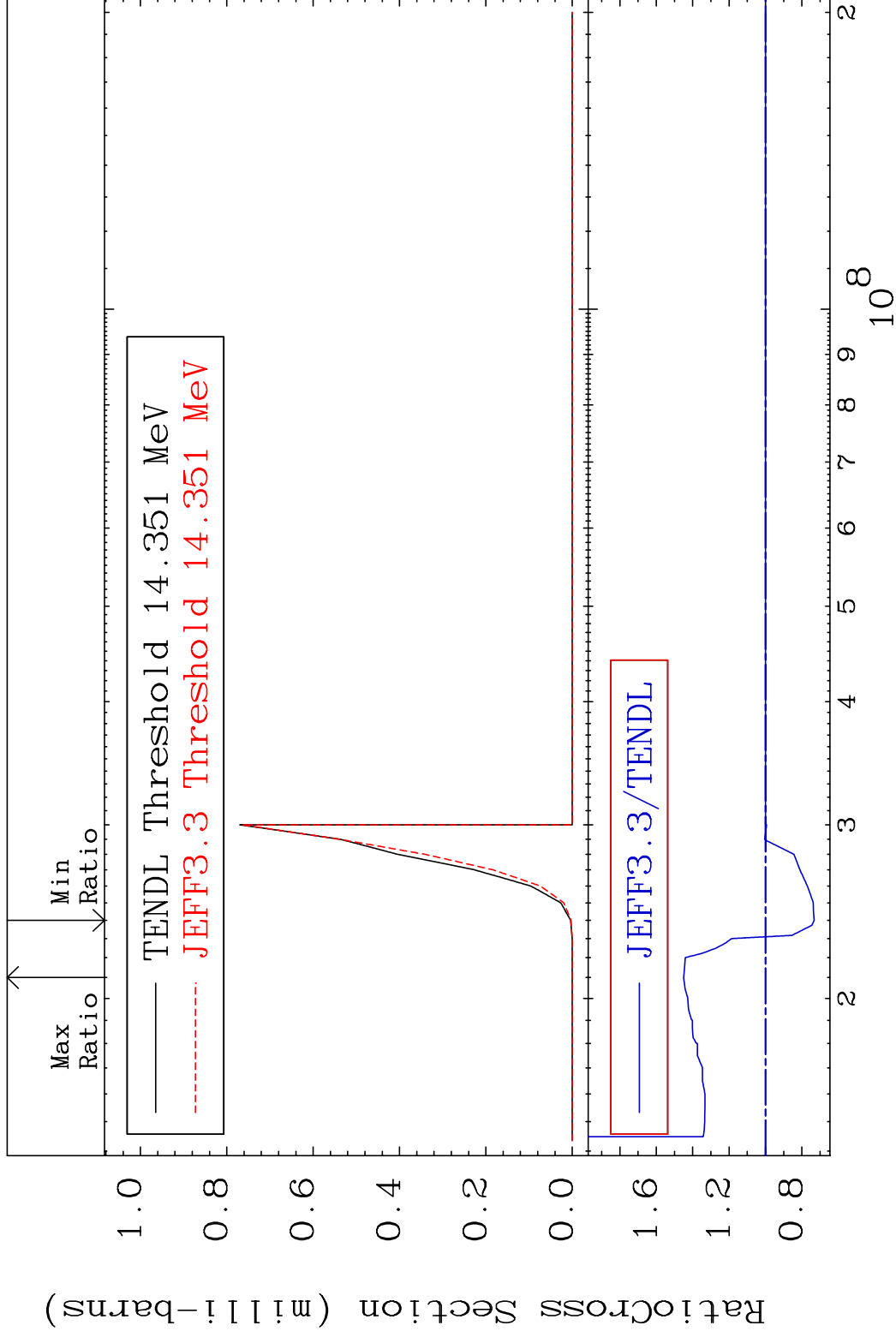
²²Ti-50

MAT 2237

(n, He-3)

22-Ti-50

Cross Section -26.72 To 44.94 %

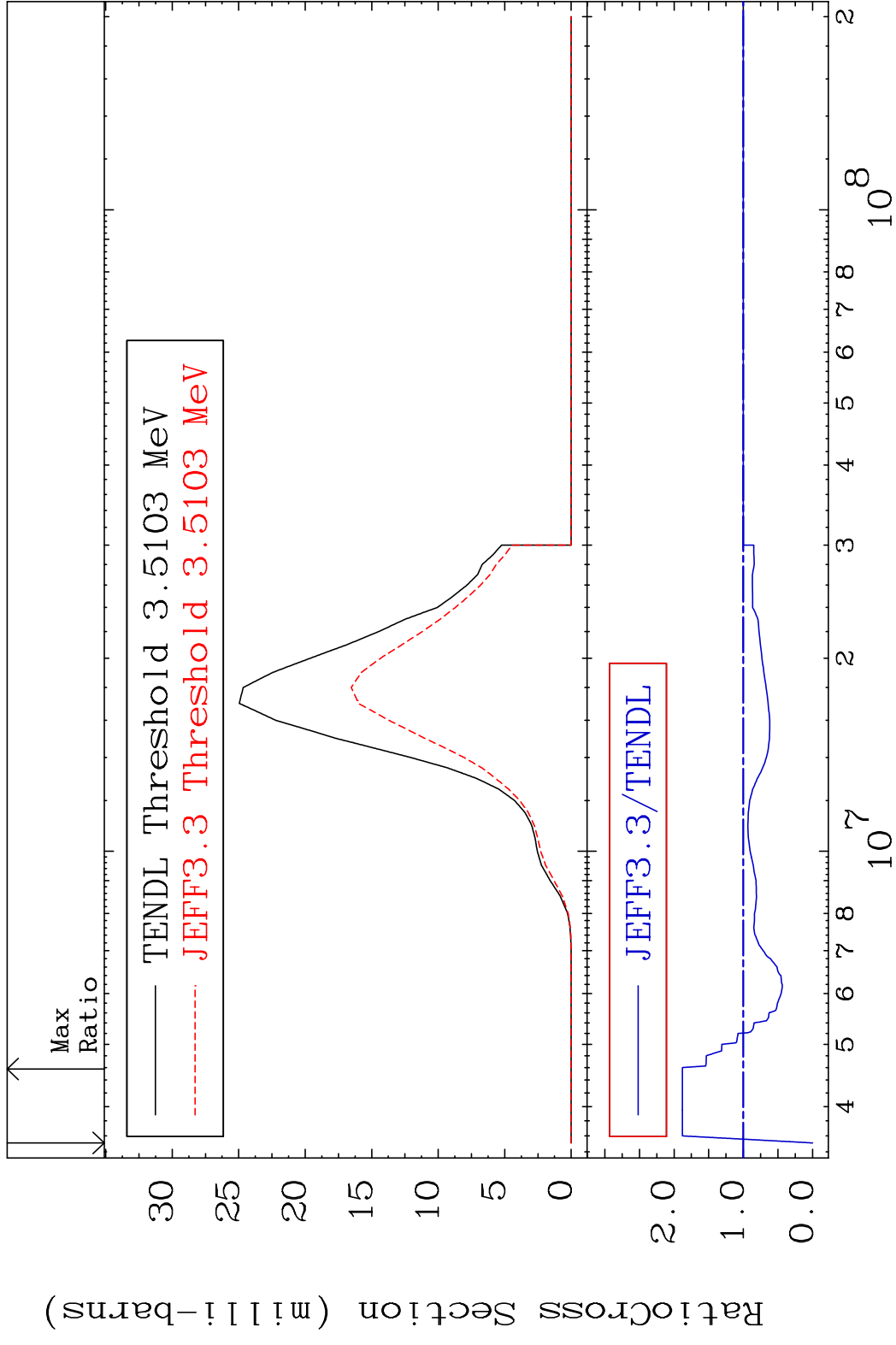


49

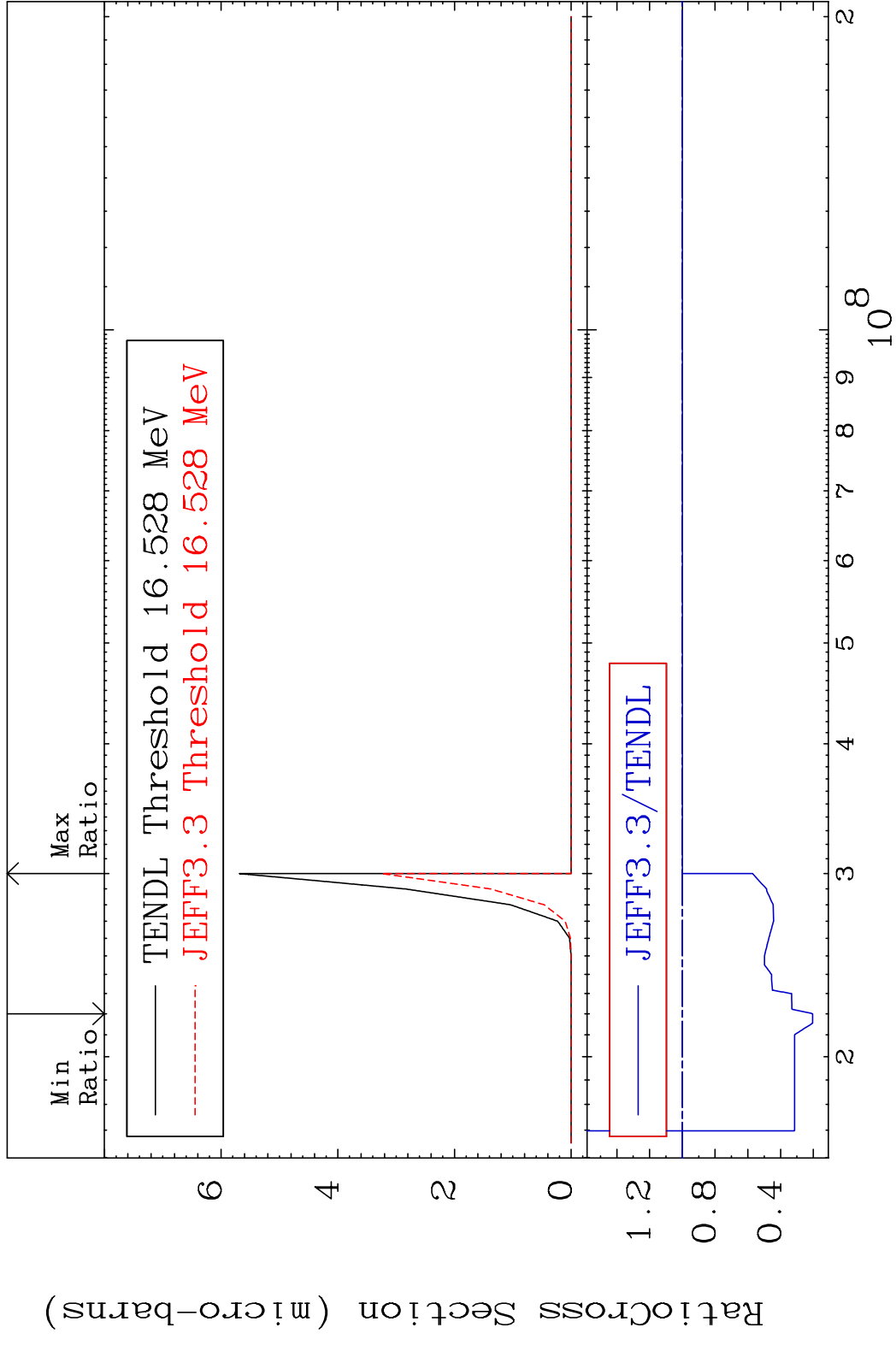
Incident Energy (eV)

22-Ti-50

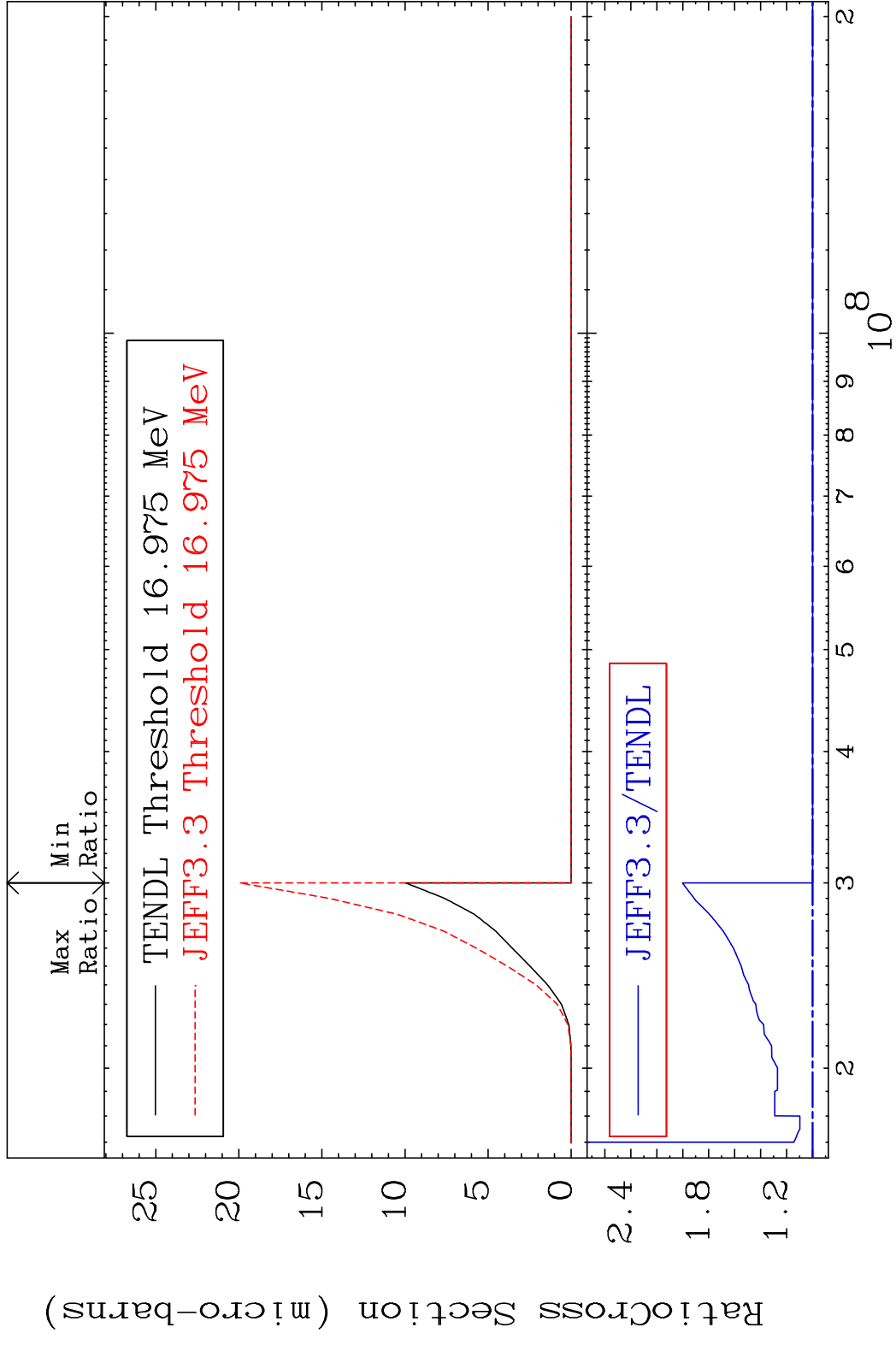
MAT 2237 (n, α) 22-Ti-50
 Cross Section -100.0 To 88.05 %



MAT 2237 (n,2α) 22-Ti-50
 Cross Section -79.53 To 0.000 %



MAT 2237 (n,2p) 22-Ti-50
 Cross Section 0.000 To 100.3 %

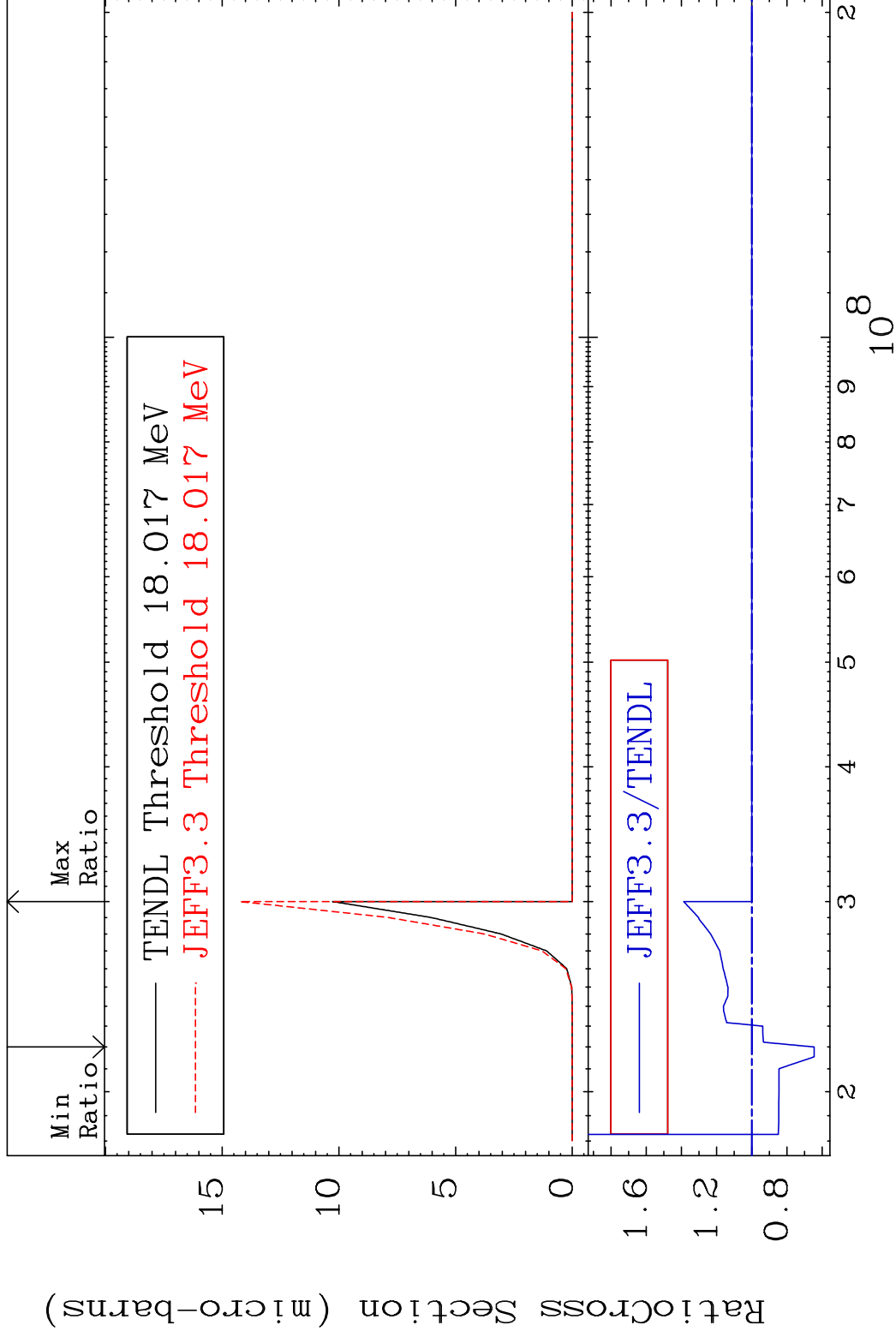


MAT 2237

(n,p) α

22-Ti-50

Cross Section -35.39 To 38.76 %

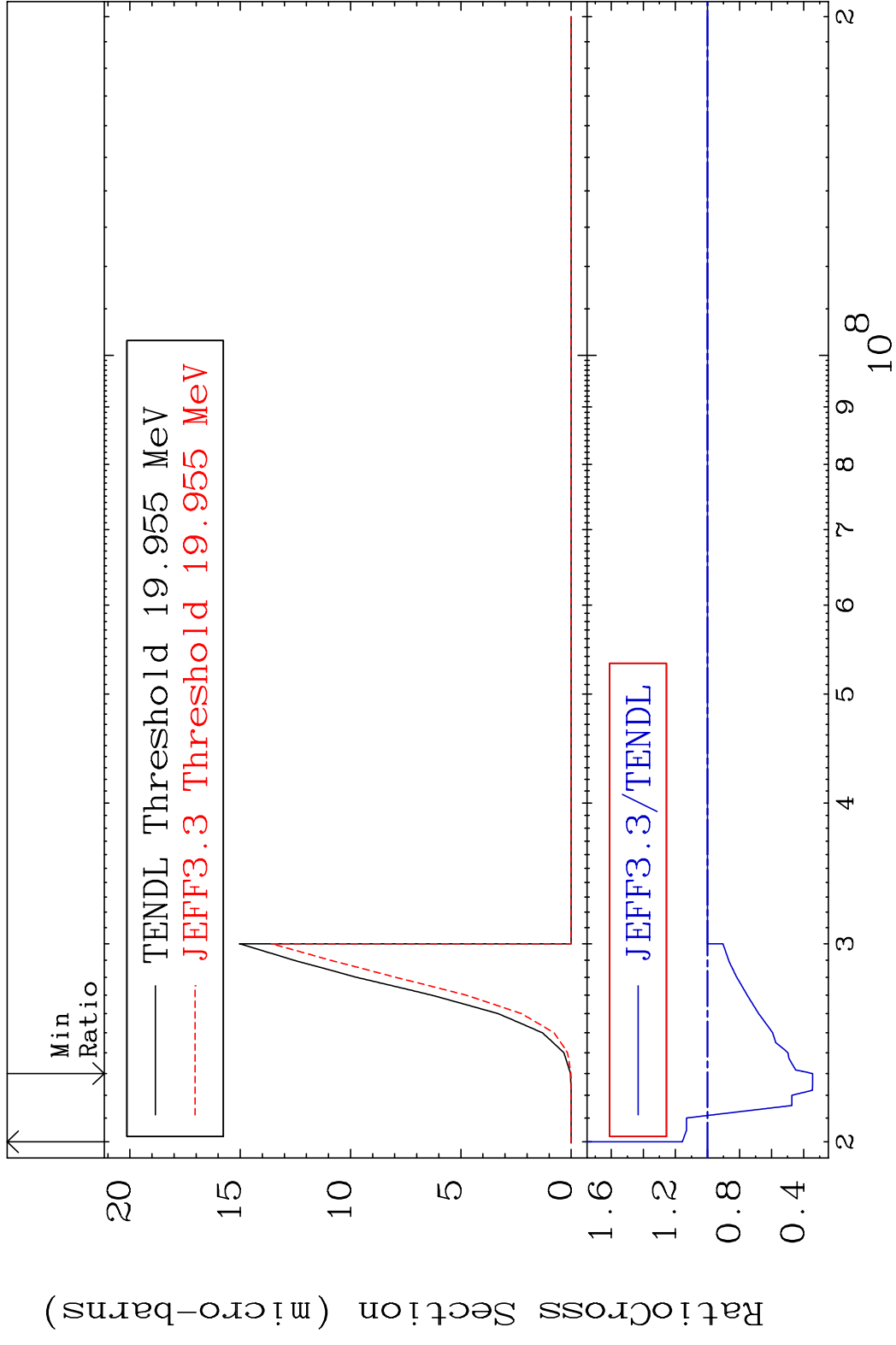


53

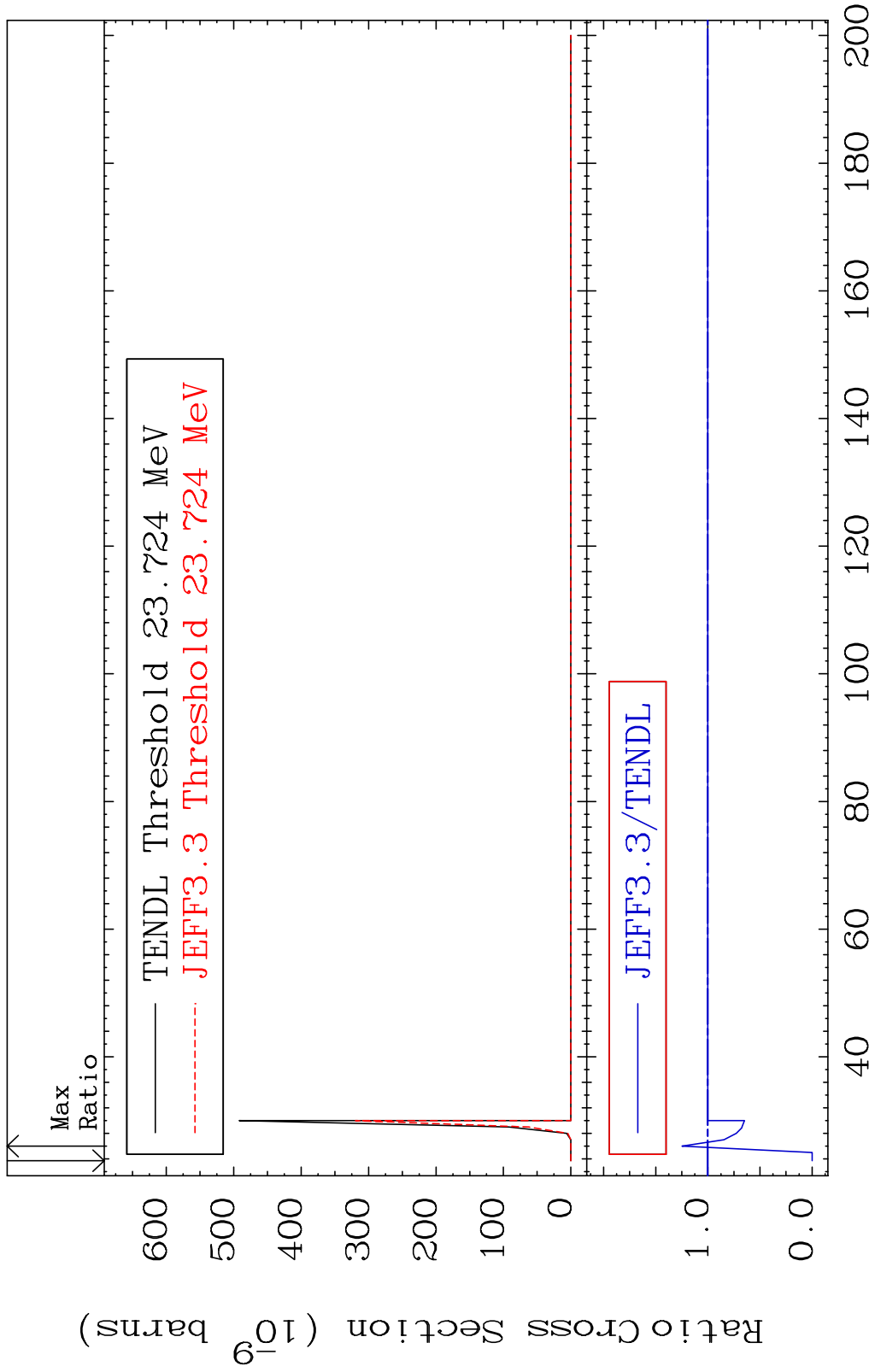
Incident Energy (eV)

22-Ti-50

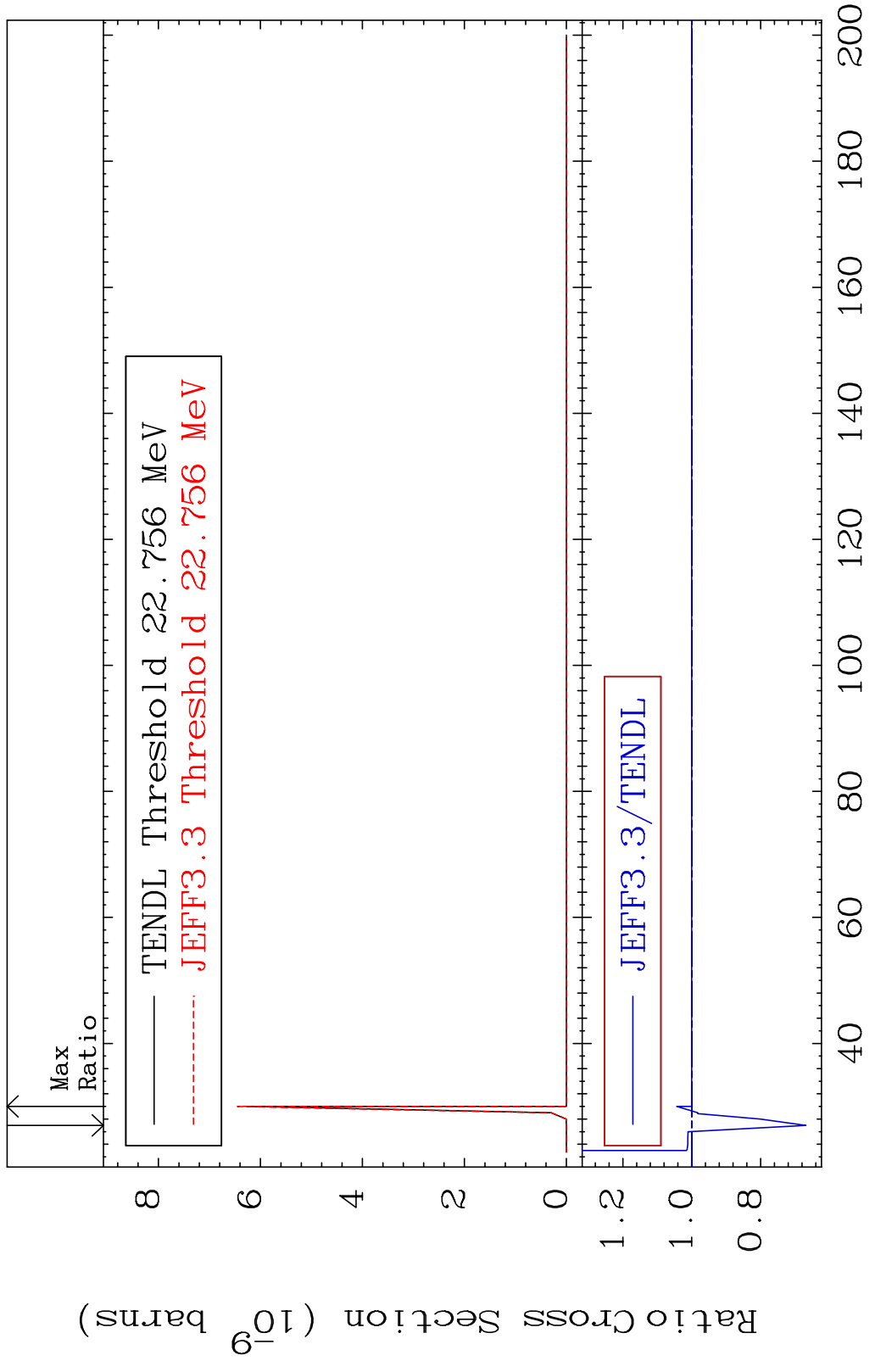
MAT 2237 (n,p) d 22-Ti-50
 Cross Section -65.55 To 15.67 %



MAT 2237 (n,p) t 22-Ti-50
 Cross Section -100.0 To 24.84 %



MAT 2237 (n,d) α 22-Ti-50
 Cross Section -33.10 To 4.364 %

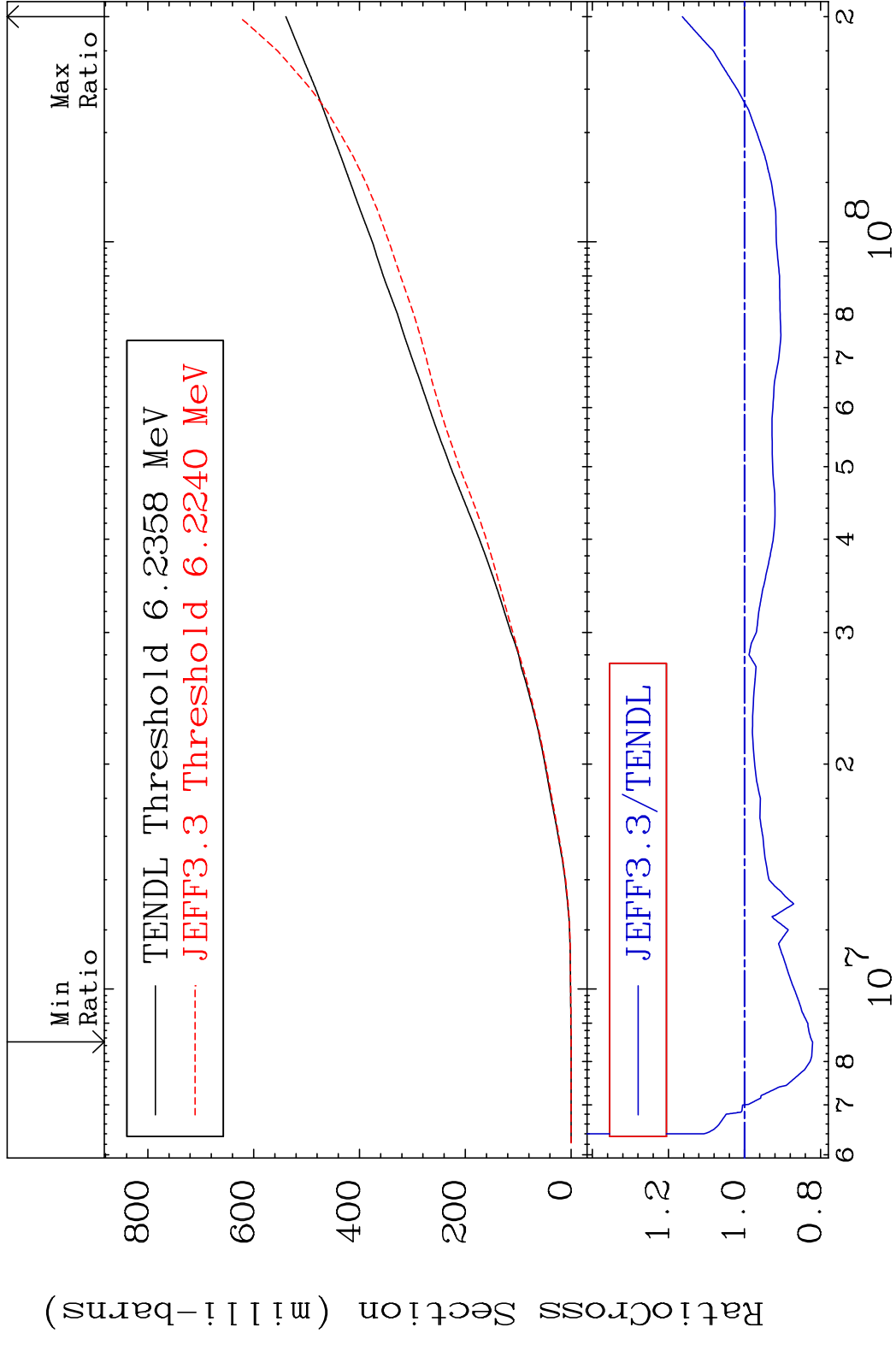


MAT 2237

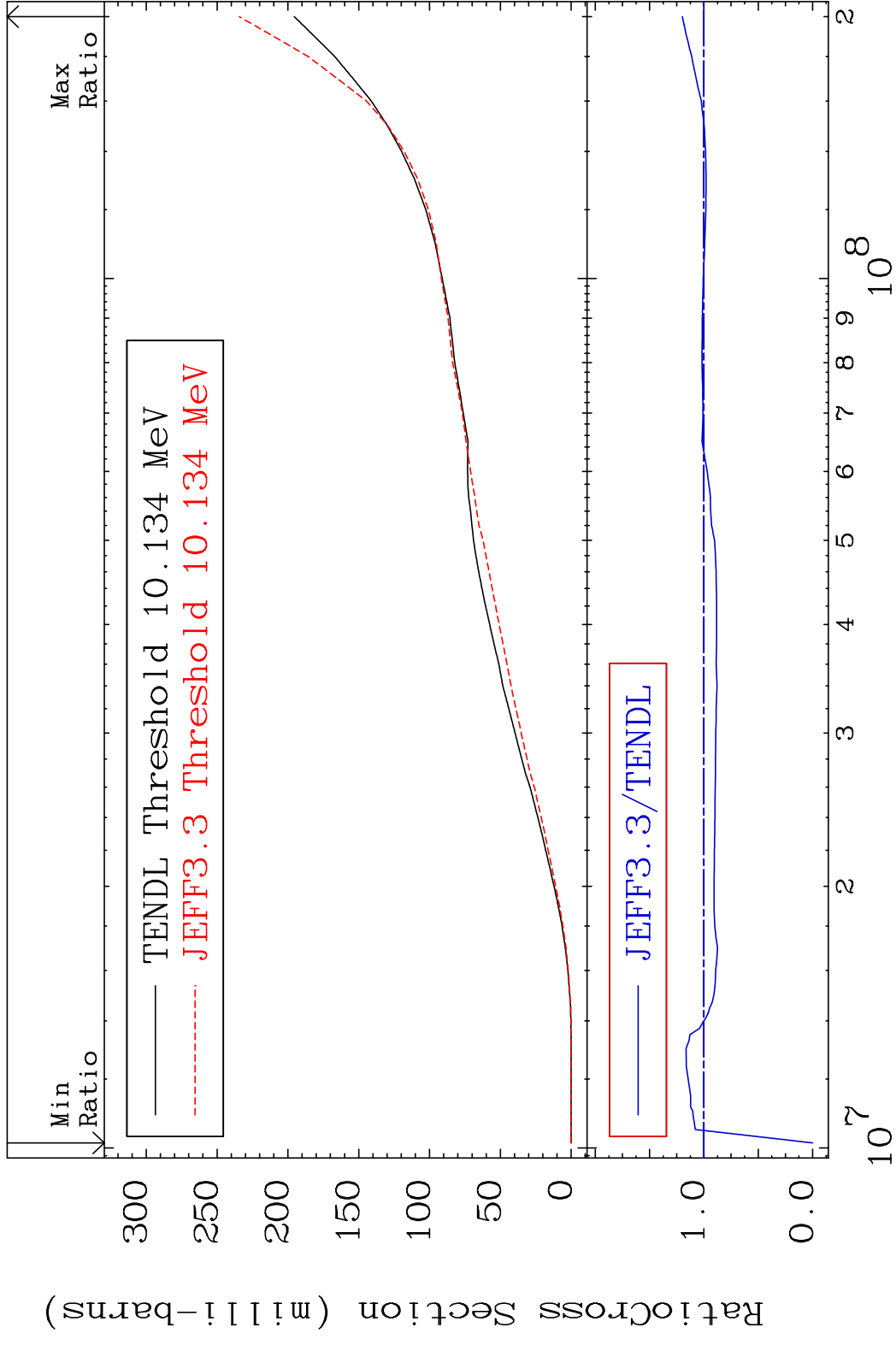
Hydrogen Production

$^{22}\text{Ti-50}$

Cross Section -17.88 To 16.34 %



MAT 2237 Deuterium Production $^{22}\text{Ti-50}$
 Cross Section -100.0 To 19.85 %

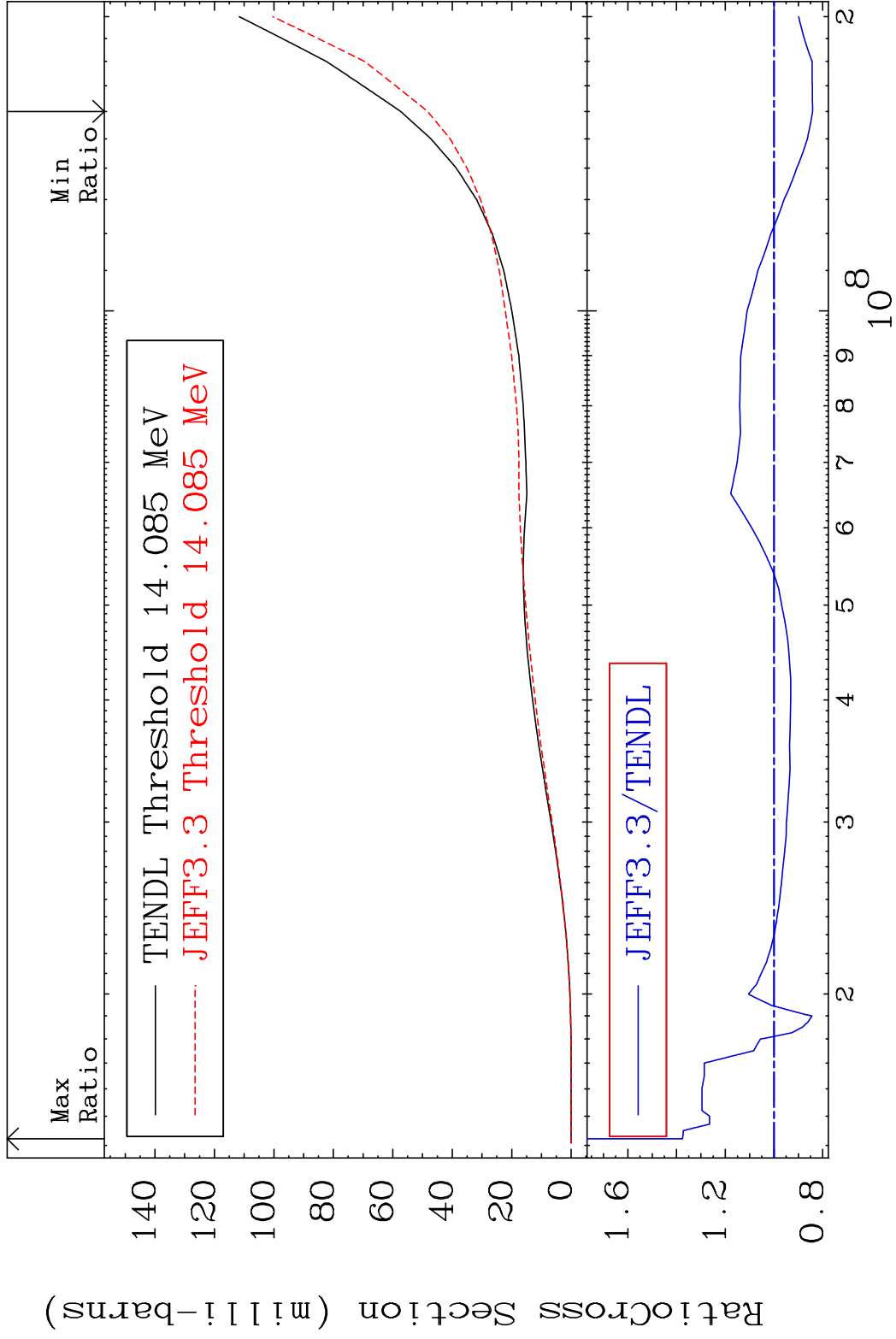


MAT 2237

Tritium Production

²²Ti-50

Cross Section -15.82 To 37.63 %

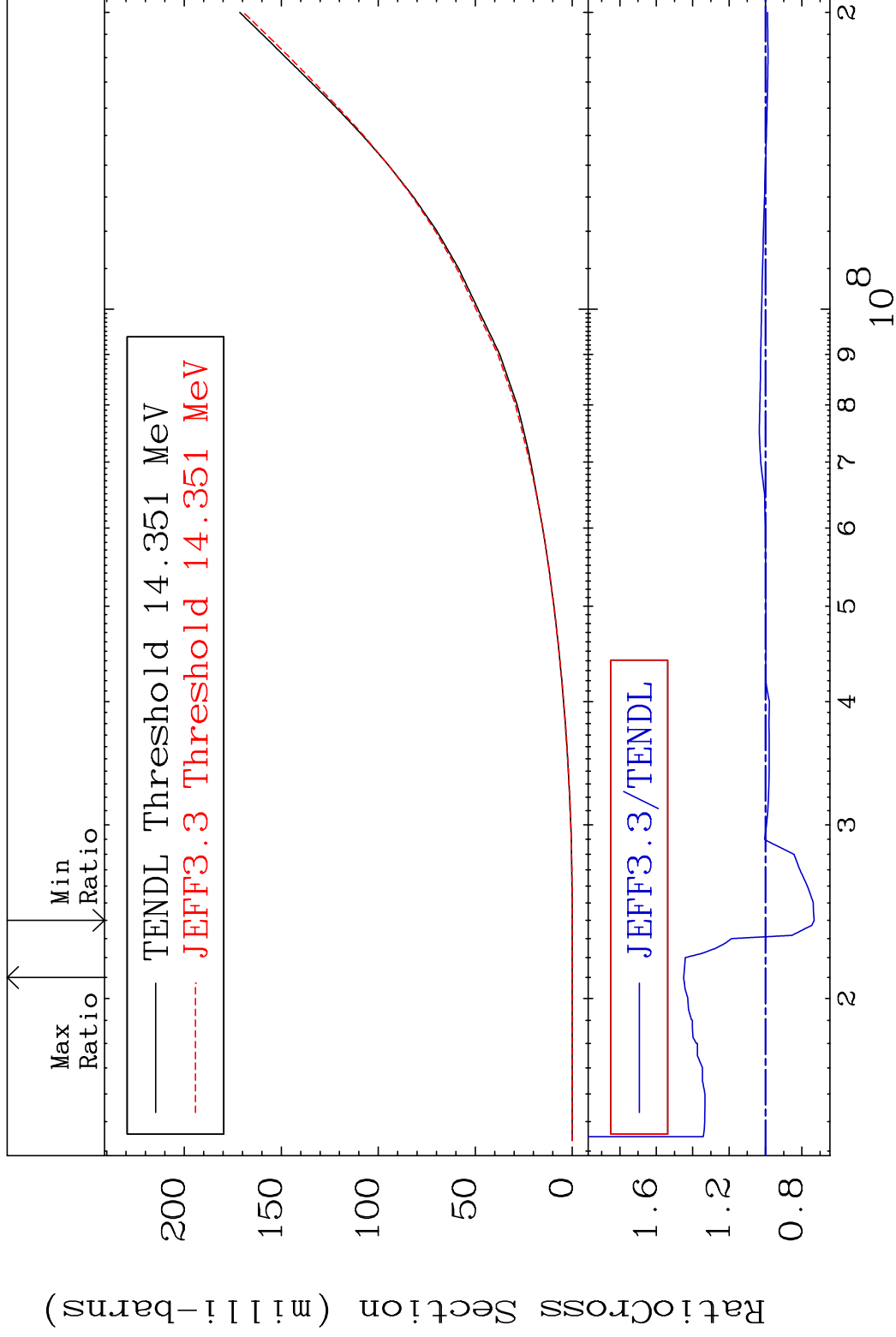


MAT 2237

He-3 Production

22-Ti-50

Cross Section -26.72 To 44.94 %

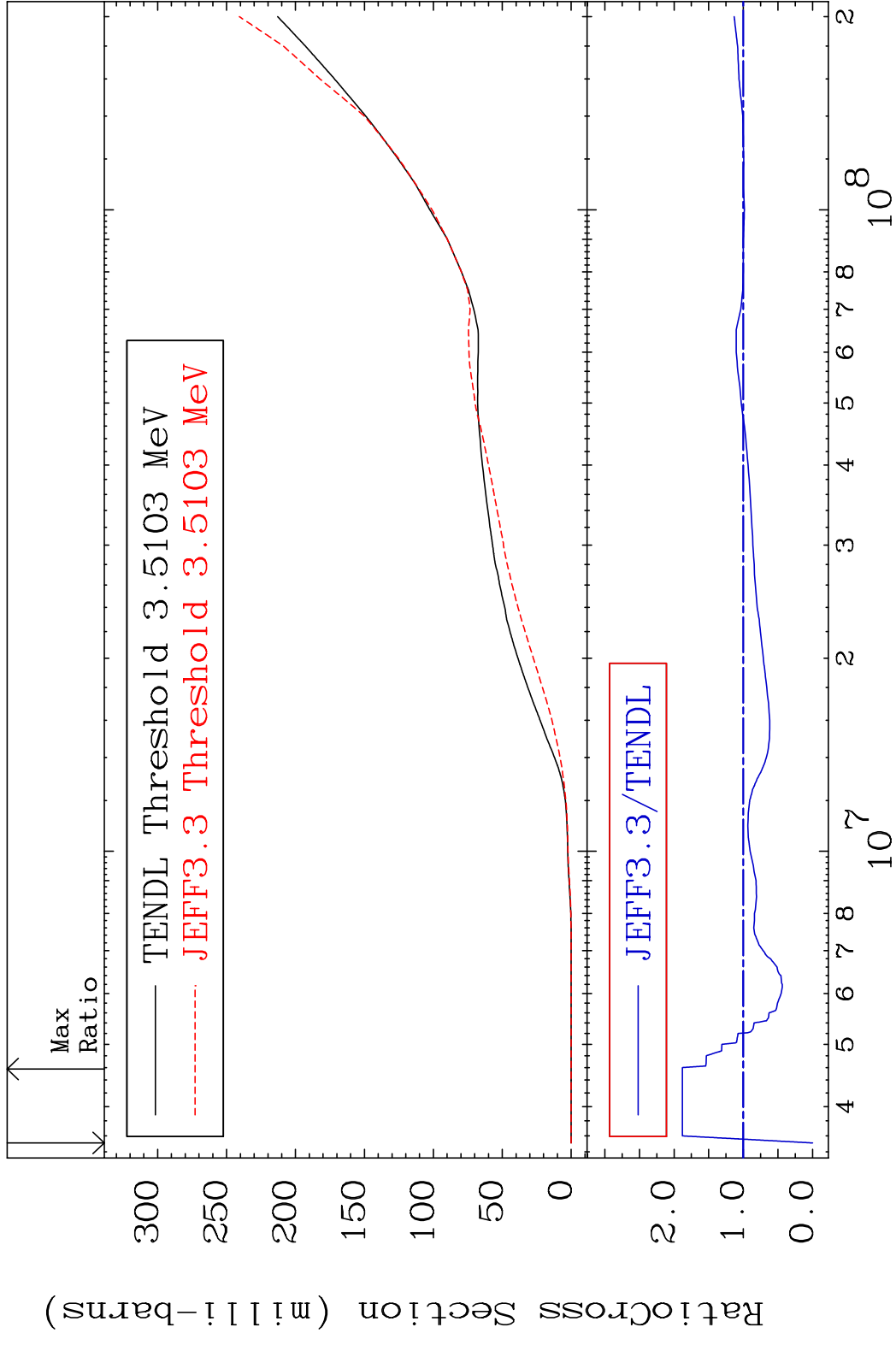


60

Incident Energy (eV)

22-Ti-50

MAT 2237 He-4 Production 22-Ti-50
 Cross Section -100.0 To 88.05 %

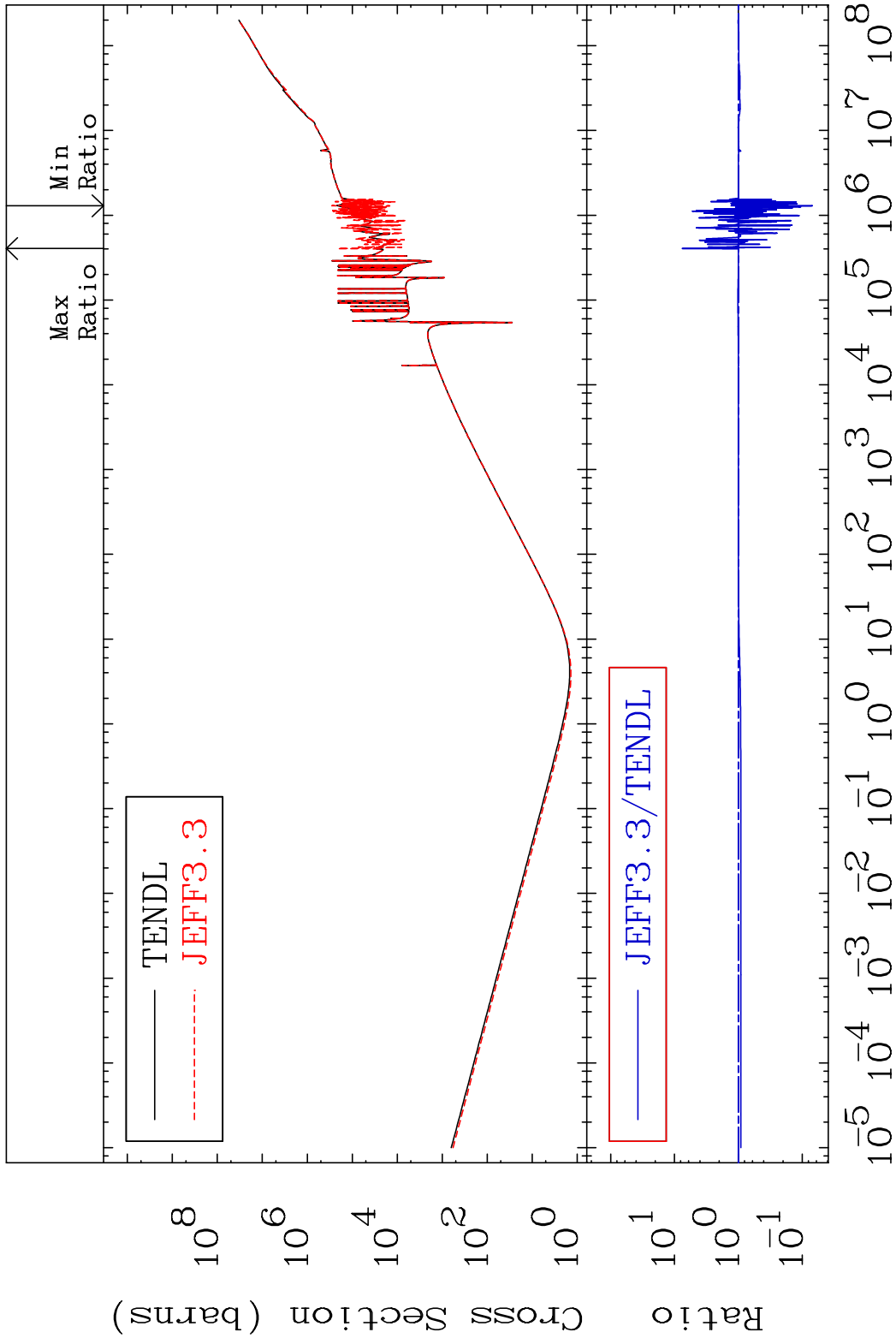


MAT 2237

Kerma total (eV-barns)

22-Ti-50

Cross Section -93.09 To 659.1 %



62

Incident Energy (eV)

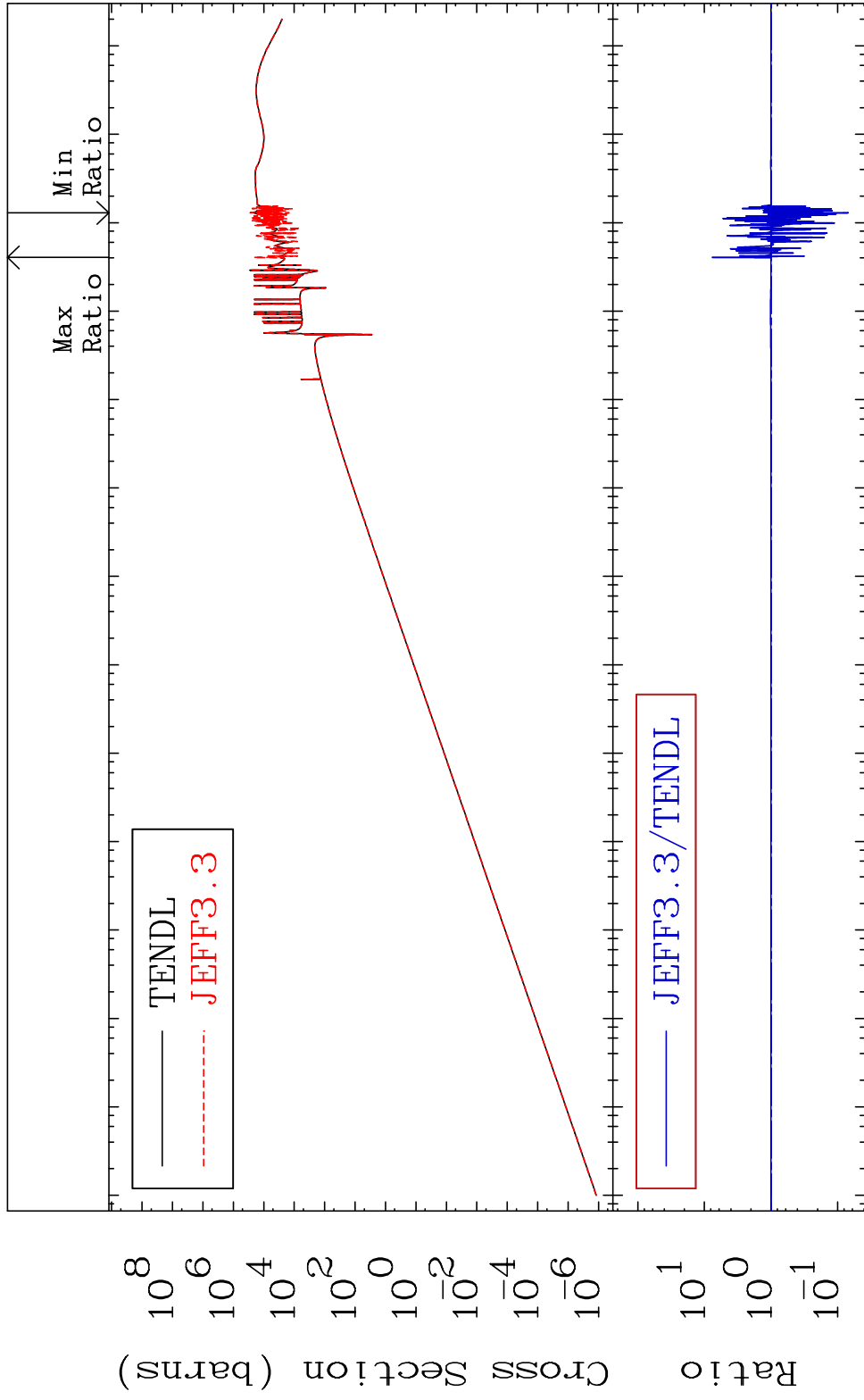
22-Ti-50

MAT 2237

Kerma elastic

22-Ti-50

Cross Section -93.09 To 659.1 %

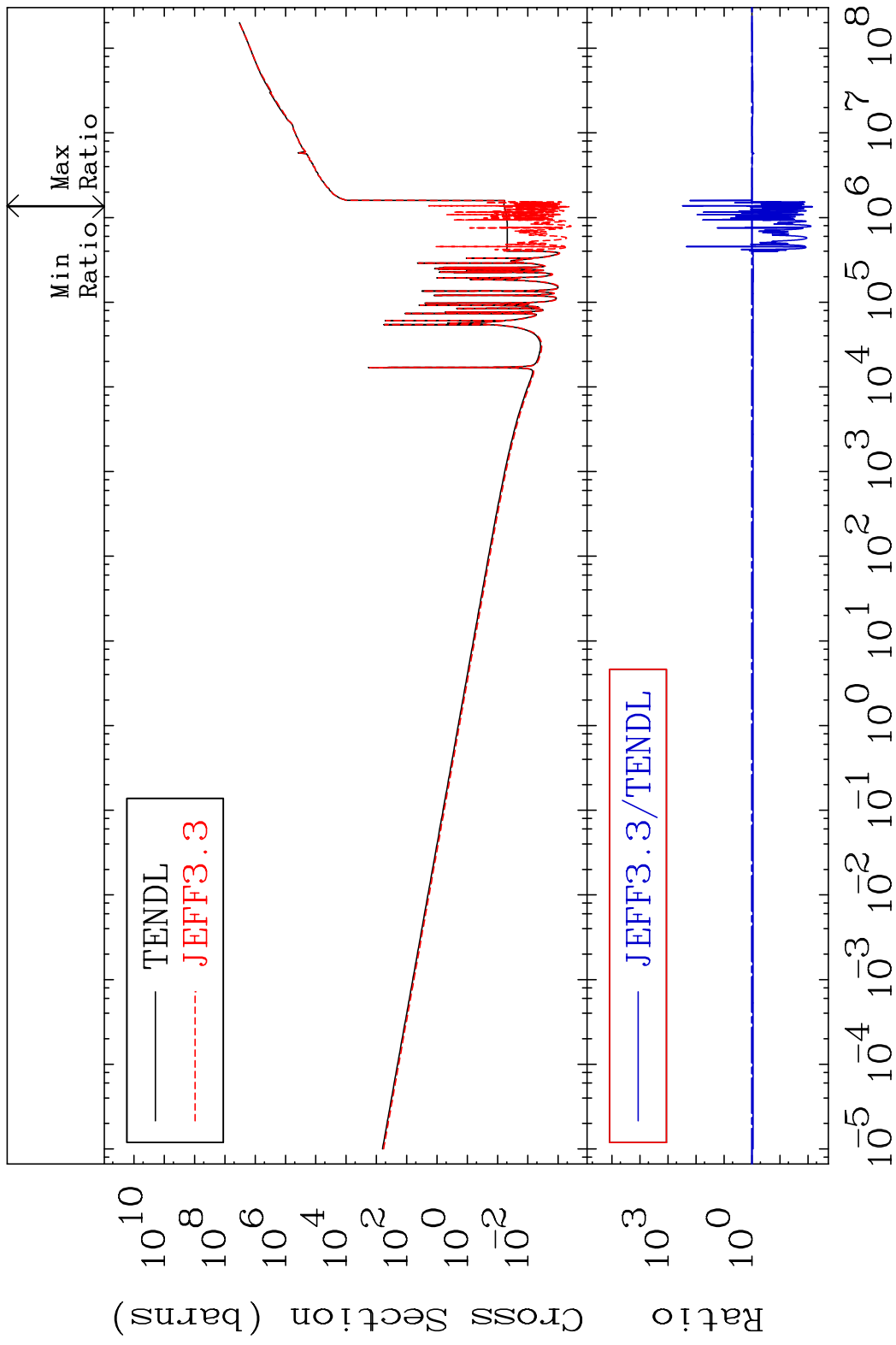


63

Incident Energy (eV)

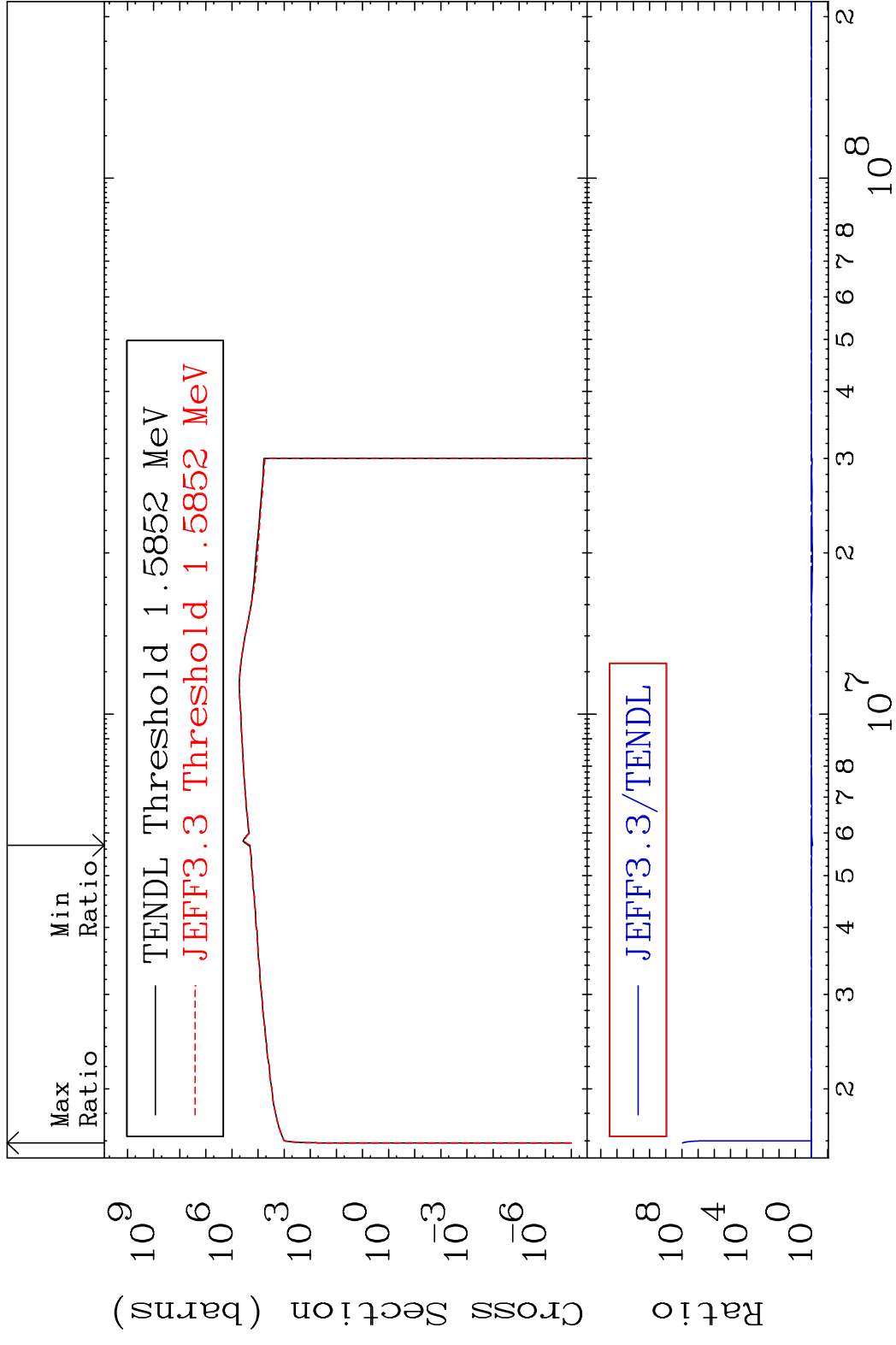
22-Ti-50

MAT 2237 Kerma non-elastic (all but mt2) 22-Ti-50
 Cross Section -99.31 To 9999. %

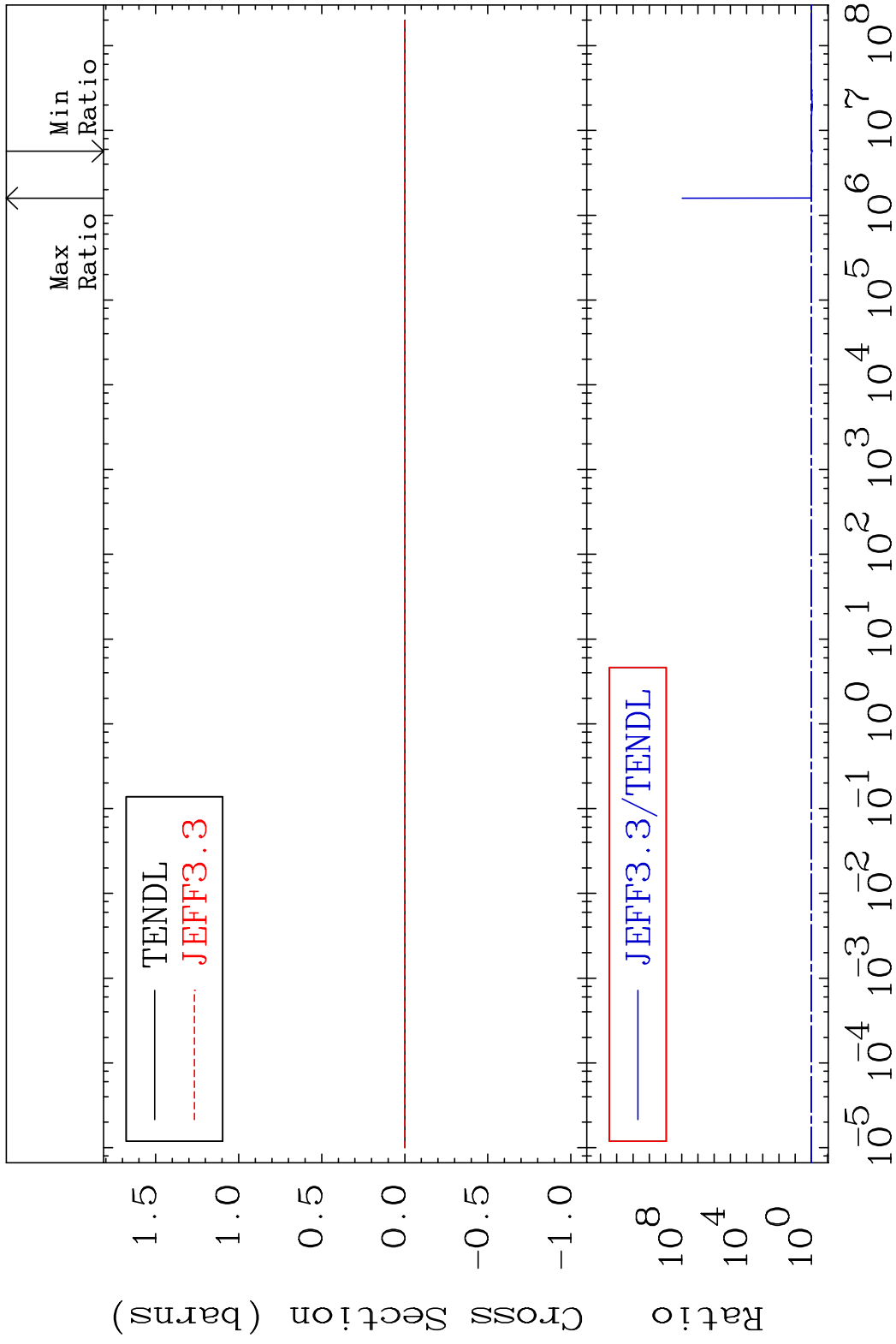


64 Incident Energy (eV) 22-Ti-50

MAT 2237 Kerma inelastic (mt51-91) 22-Ti-50
 Cross Section -13.55 To 9999. %



MAT 2237 Kerma fission (mt18 or mt19-20-21-38) 22-Ti-50
 Cross Section -13.55 To 9999. %

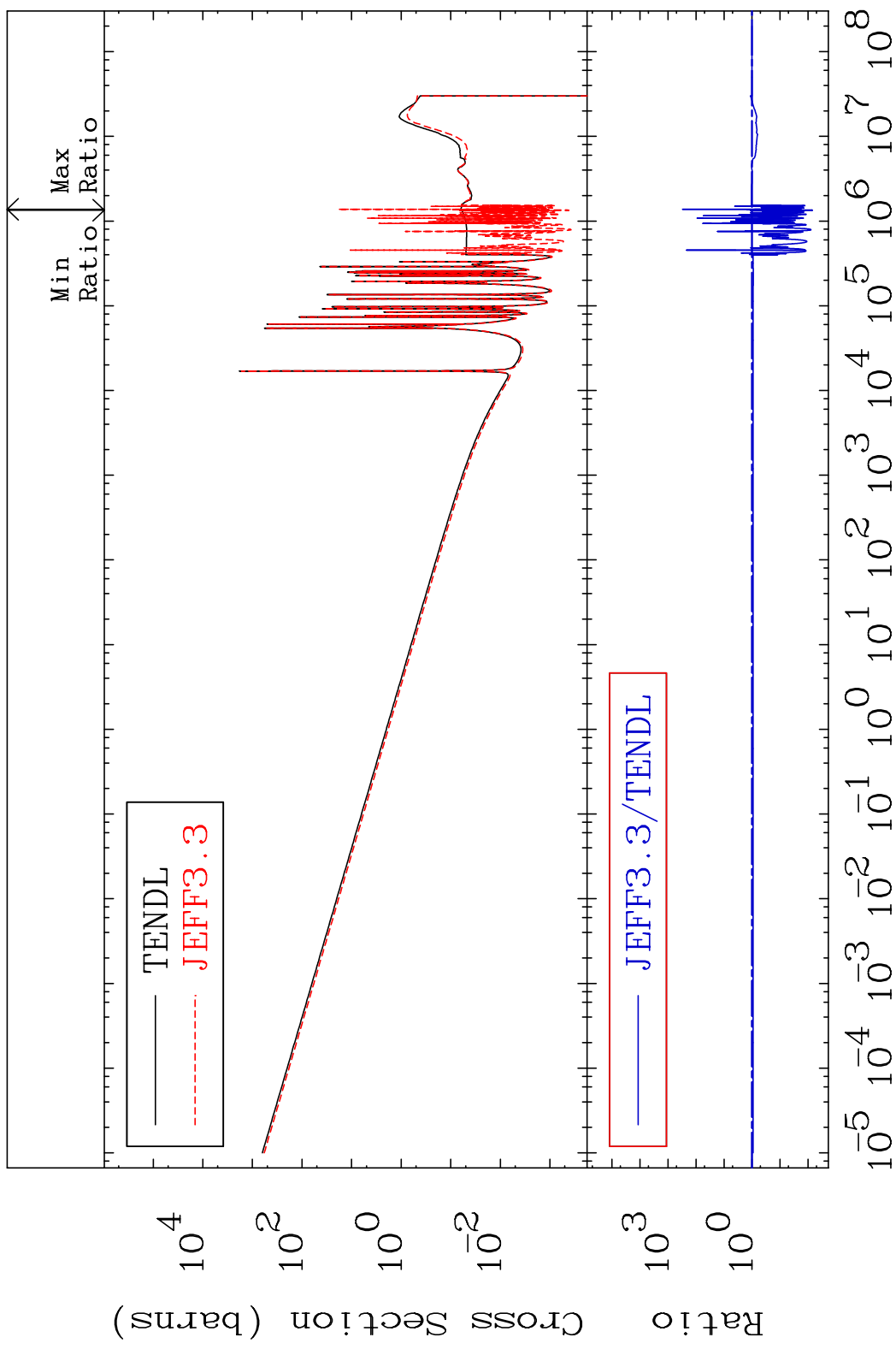


MAT 2237

Kerma capture (mt102)

22-Ti-50

Cross Section -99.31 To 9999. %



67

Incident Energy (eV)

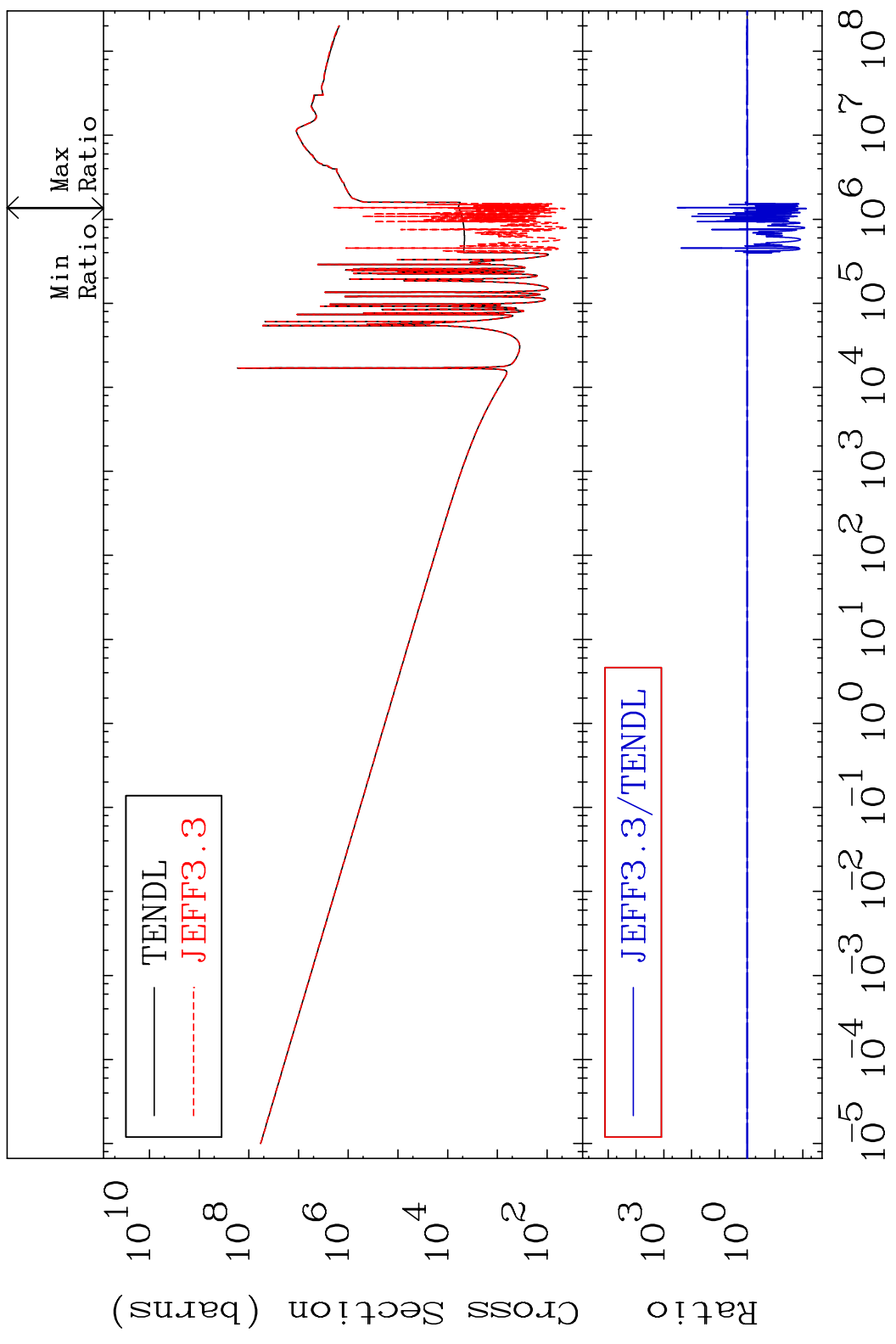
22-Ti-50

MAT 2237

Total photon (eV-barns)

22-Ti-50

Cross Section -99.26 To 9999. %

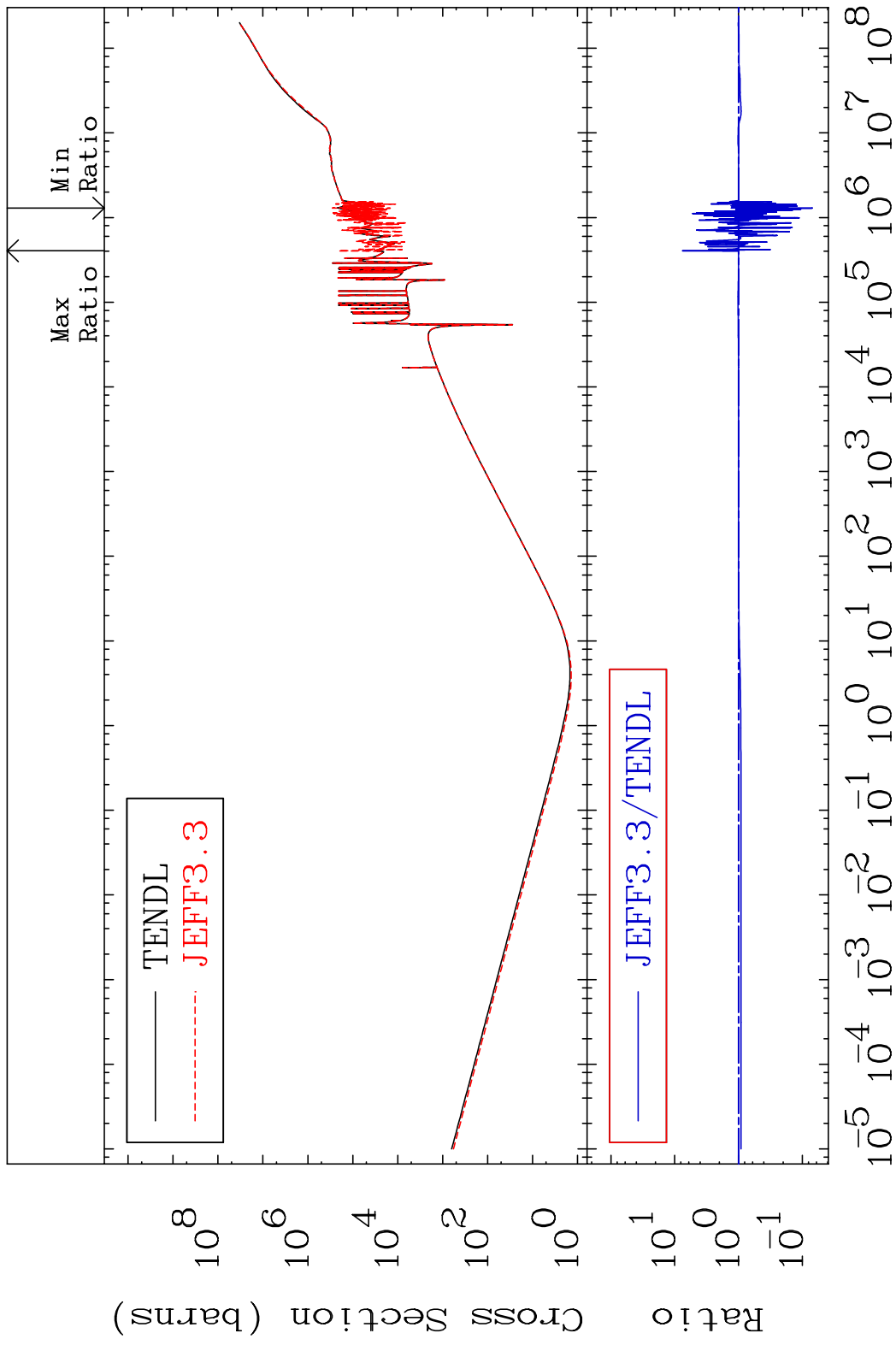


68

Incident Energy (eV)

22-Ti-50

MAT 2237 Total kinematic kerma (high limit) 22-Ti-50
 Cross Section -93.09 To 659.1 %

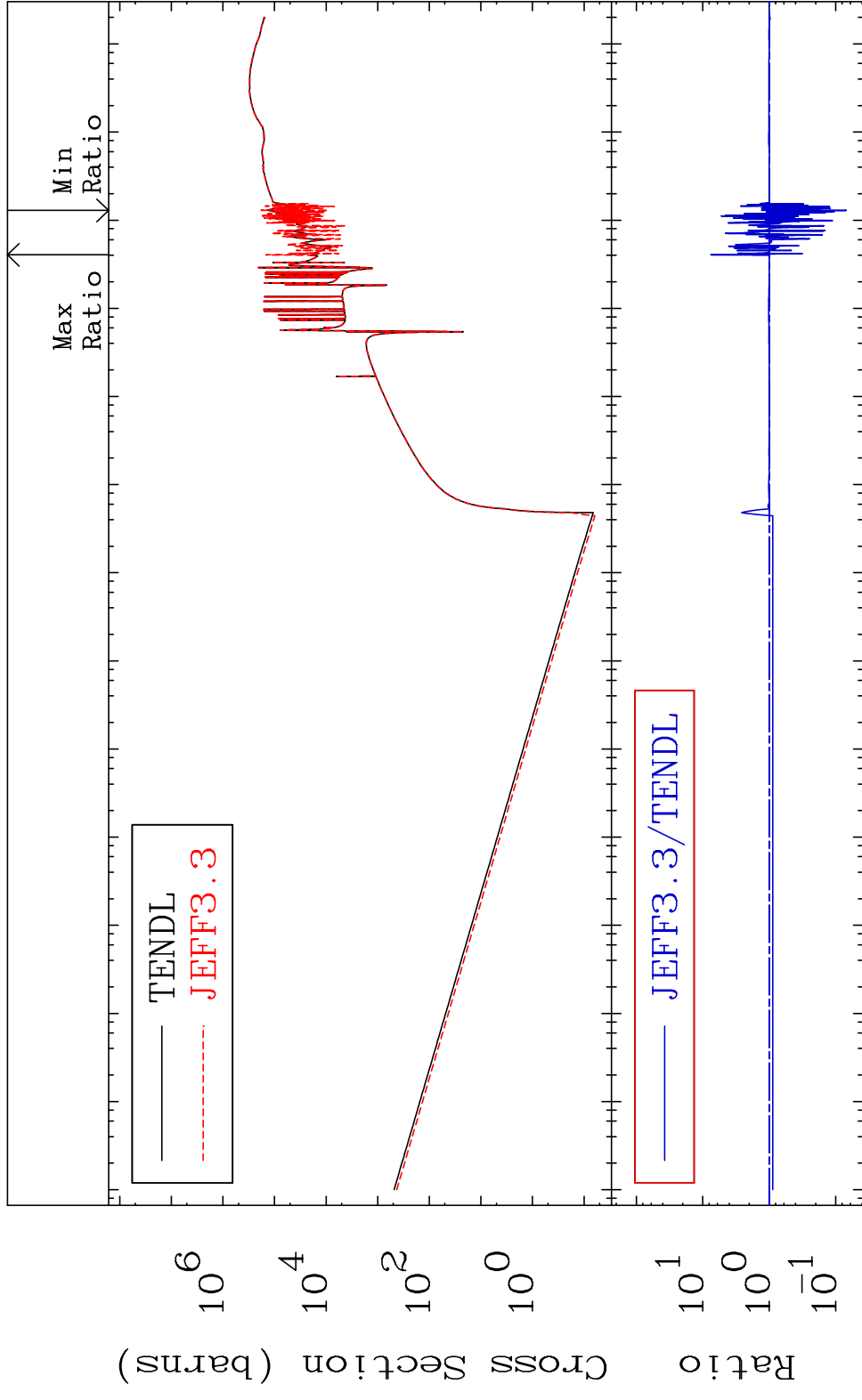


MAT 2237

Dpa total (eV-barns)

22-Ti-50

Cross Section -93.09 To 659.0 %



70

Incident Energy (eV)

22-Ti-50

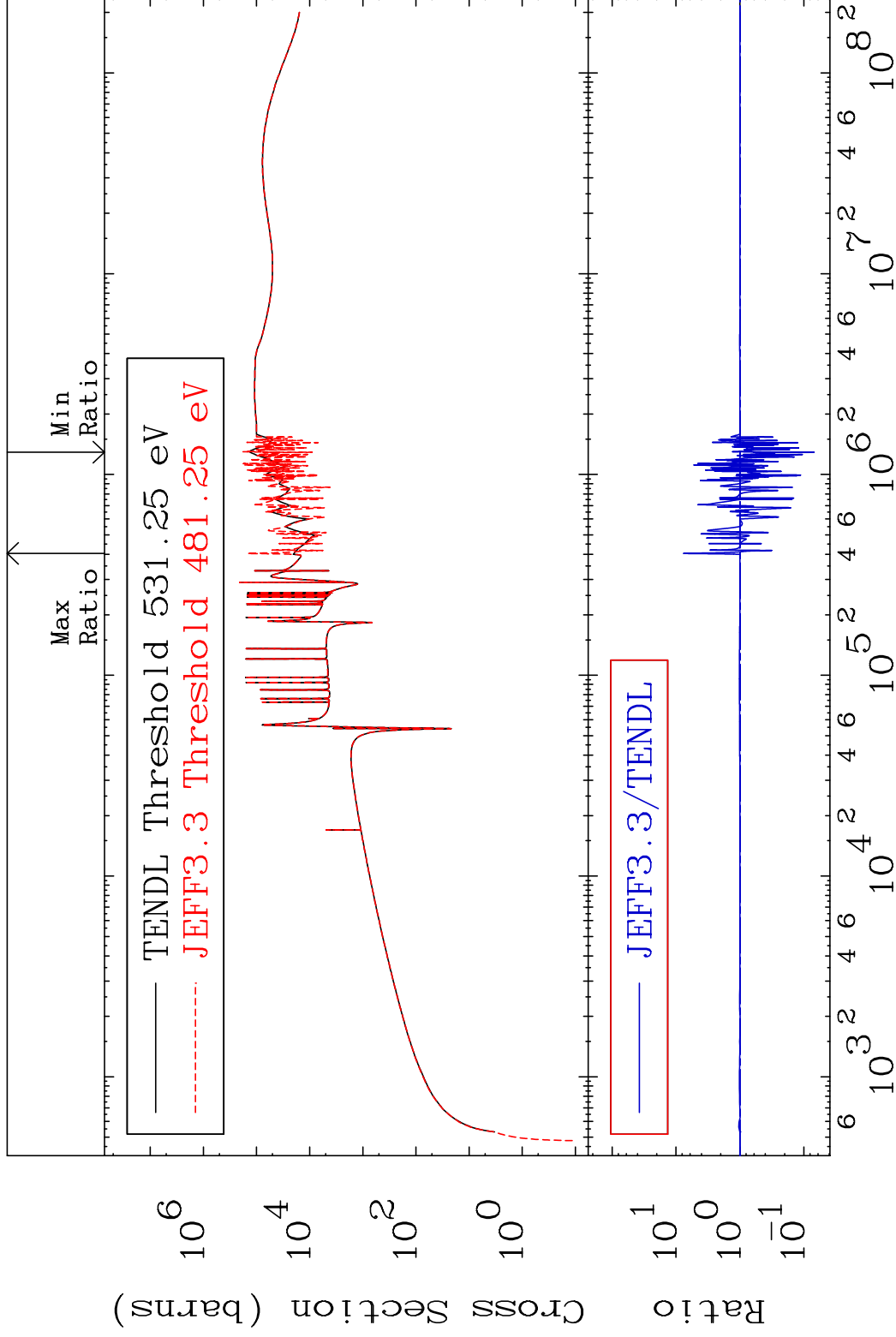
MAT 2237

Dpa elastic (mt2)

22-Ti-50

Cross Section

-93.09 To 659.0 %

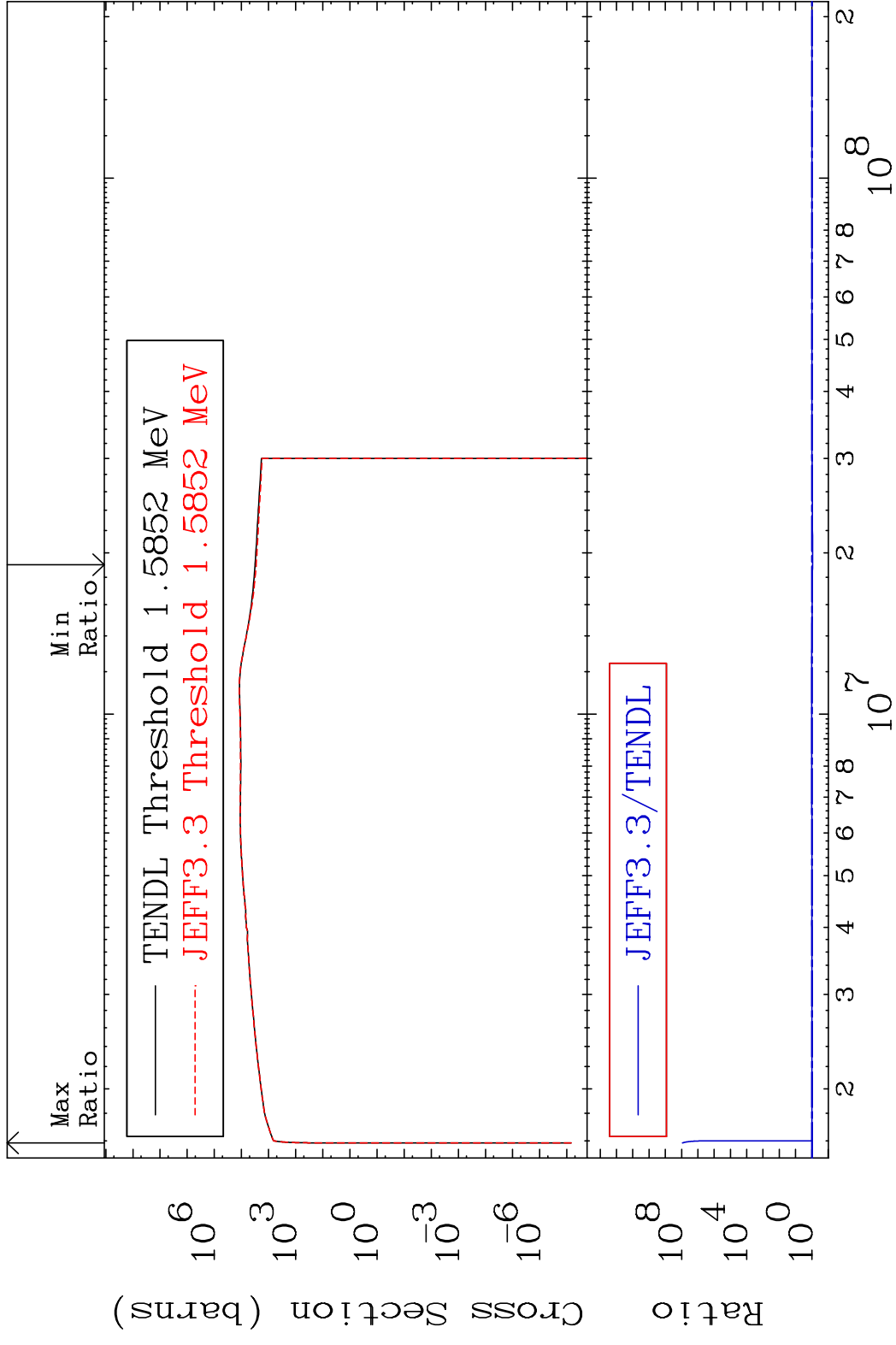


71

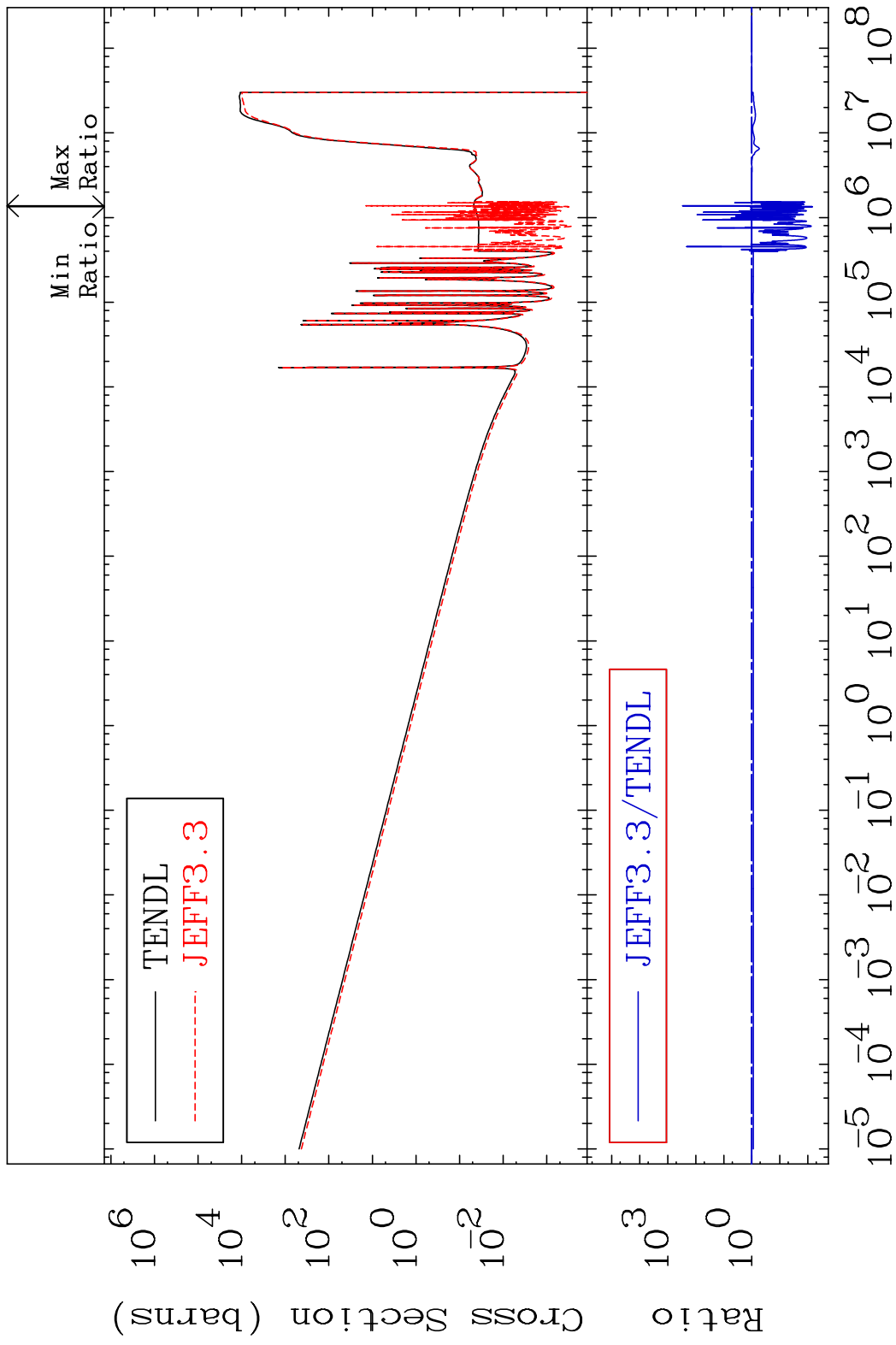
Incident Energy (eV)

22-Ti-50

MAT 2237 Dpa inelastic (mt51-91) 22-Ti-50
 Cross Section -9.690 To 9999. %

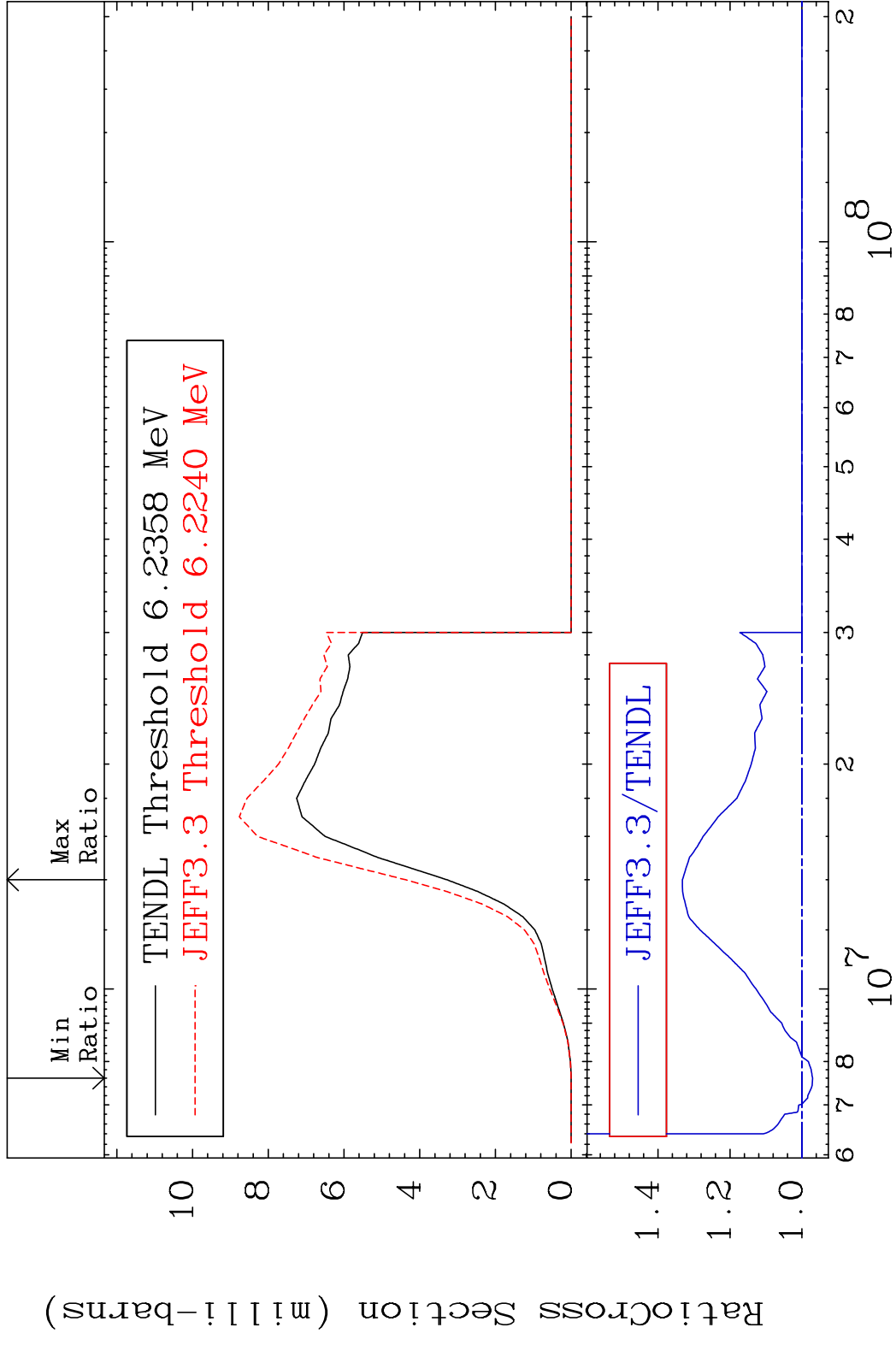


MAT 2237 Dpa disappearance (mt102 -120) 22-Ti-50
 Cross Section -99.32 To 9999. %



73 Incident Energy (eV) 22-Ti-50

MAT 2237 (n,p):21-Sc-50g 22-Ti-50
 Radionuclide Production Cross Section 33.22 %



74 Incident Energy (eV) 22-Ti-50

MAT 2237 (n,p):21-Sc-50m1 22-Ti-50
 Radionuclide Production Cross Section 0.000 %

