

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

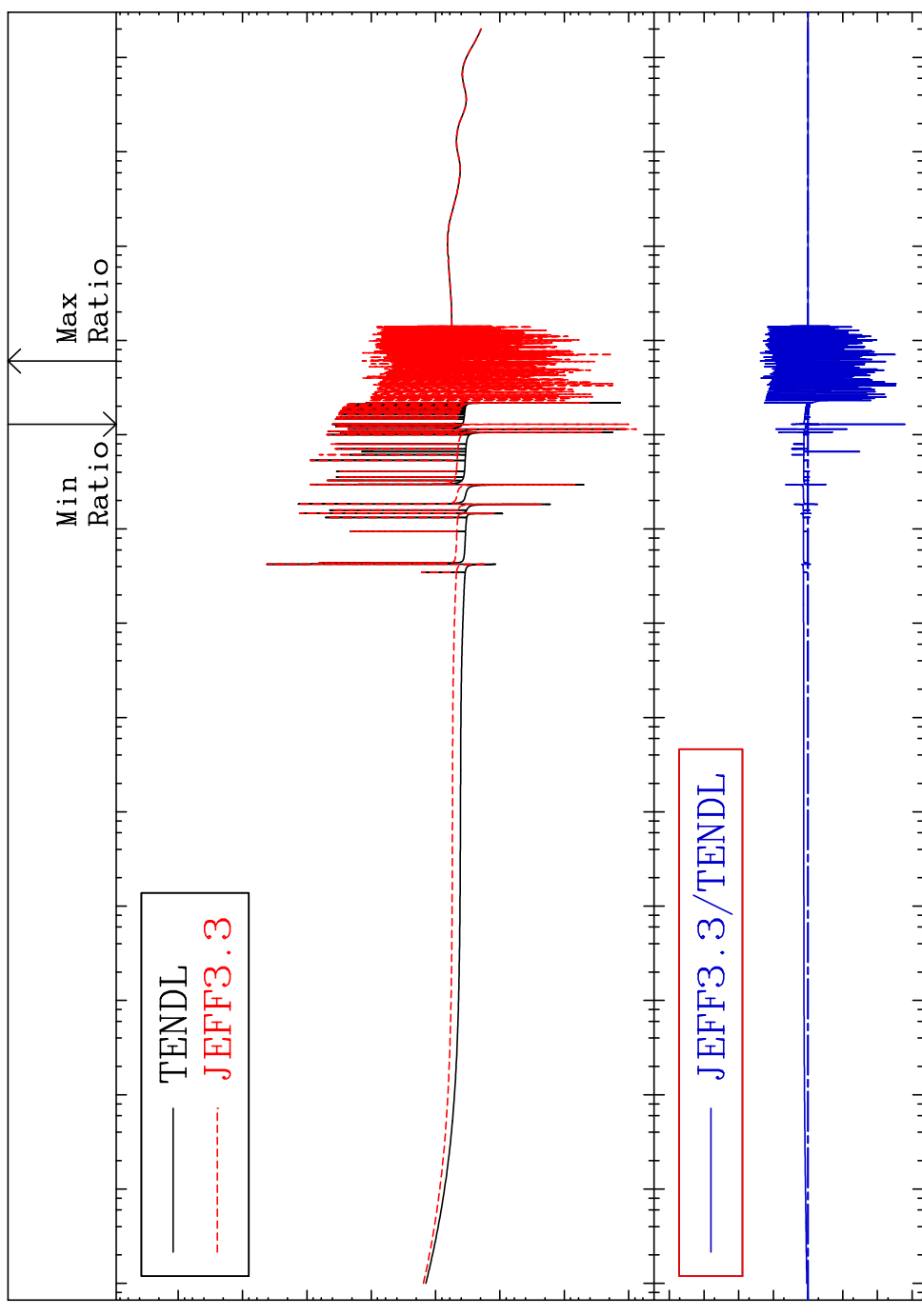
MAT 5249

Total

52-Te-128

Cross Section

-99.84 To 2296. %



1

Incident Energy (eV)

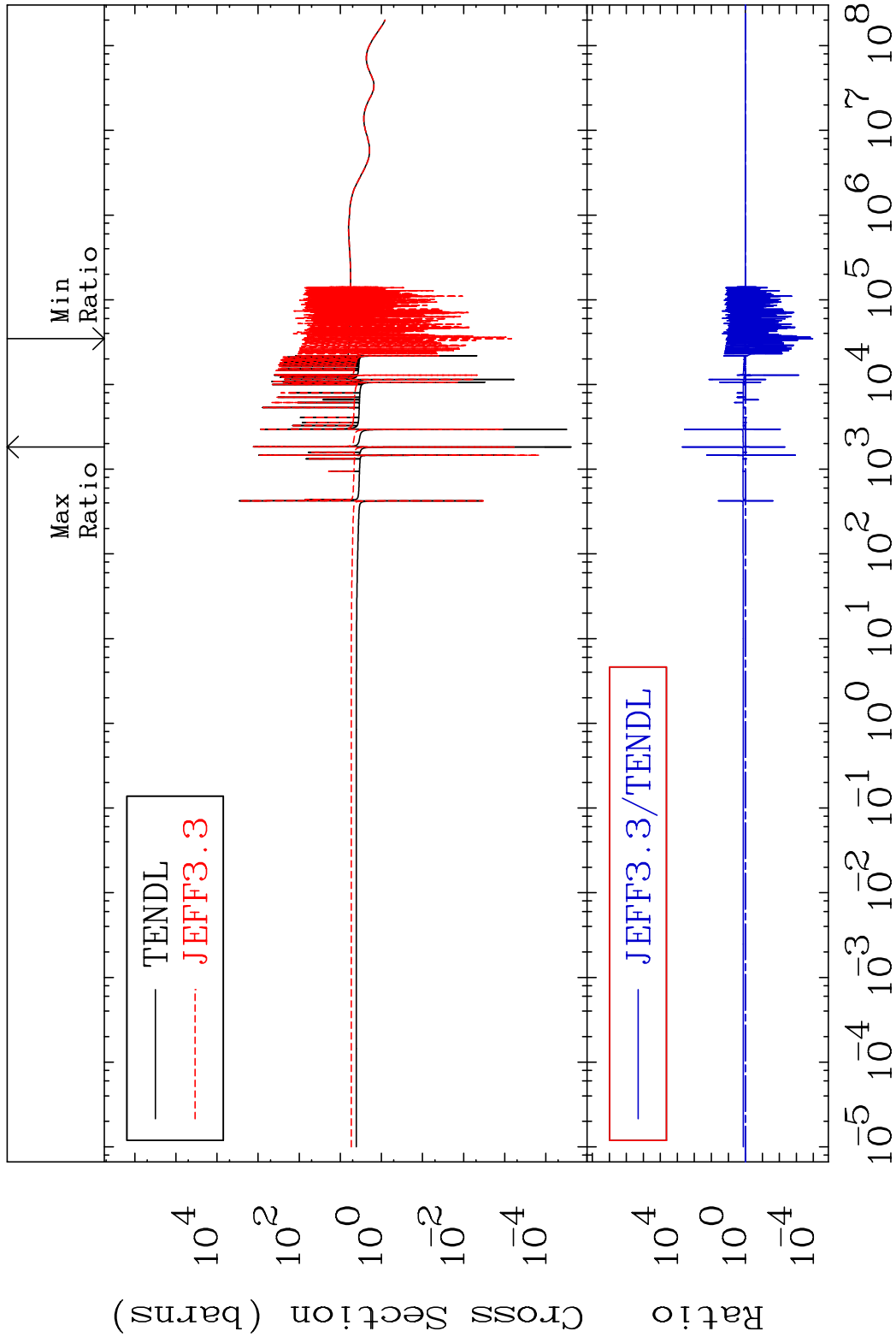
52-Te-128

MAT 5249

Elastic

52-Te-128

Cross Section -99.99 To 9999. %



2

Incident Energy (eV)

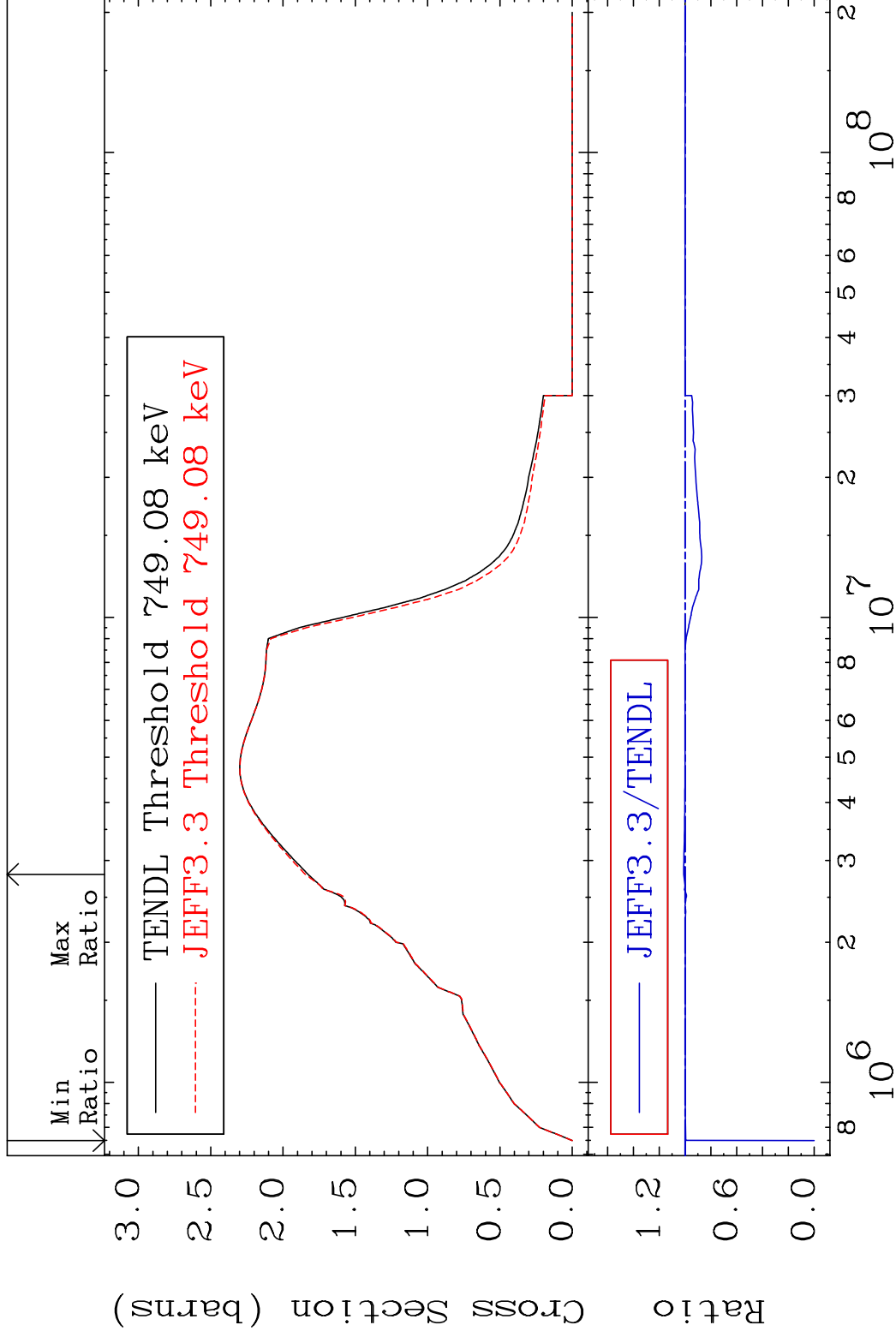
52-Te-128

MAT 5249

Inelastic

52-Te-128

Cross Section -100.0 To 1.048 %



3

Incident Energy (eV)

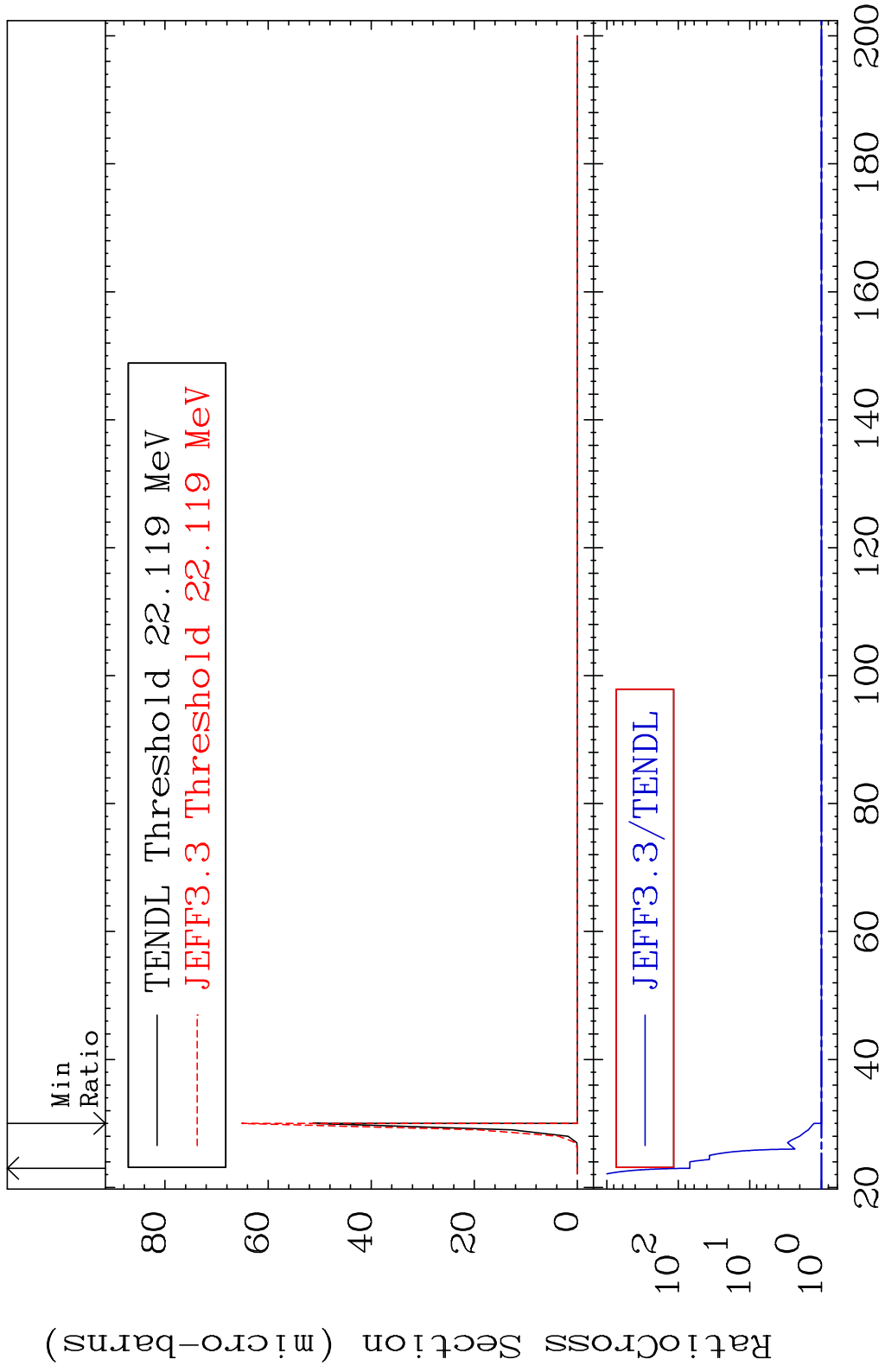
52-Te-128

MAT 5249

(n,2n) d

52-Te-128

Cross Section 0.000 To 6812. %

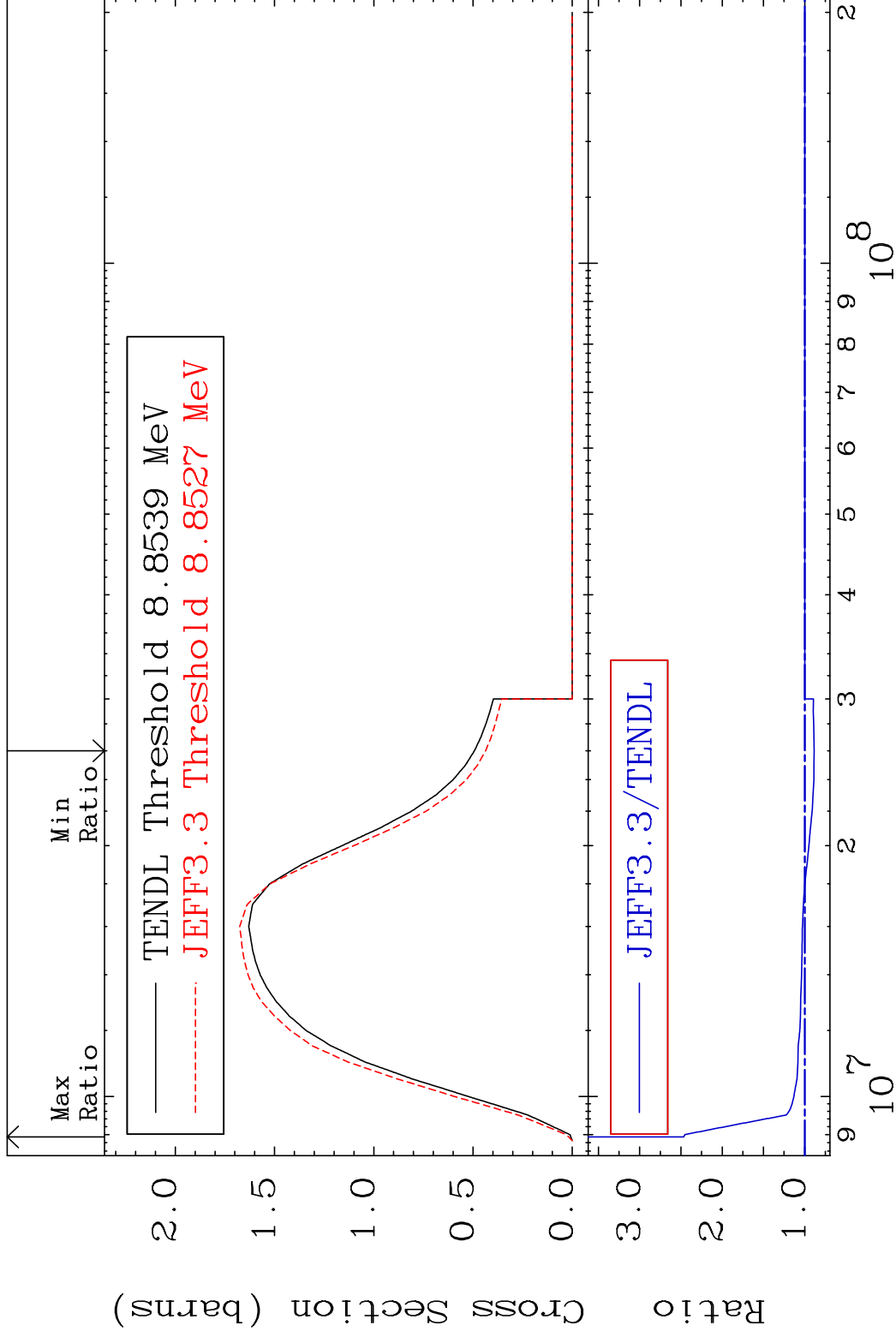


MAT 5249

(n,2n)

52-Te-128

Cross Section -11.41 To 146.7 %



5

Incident Energy (eV)

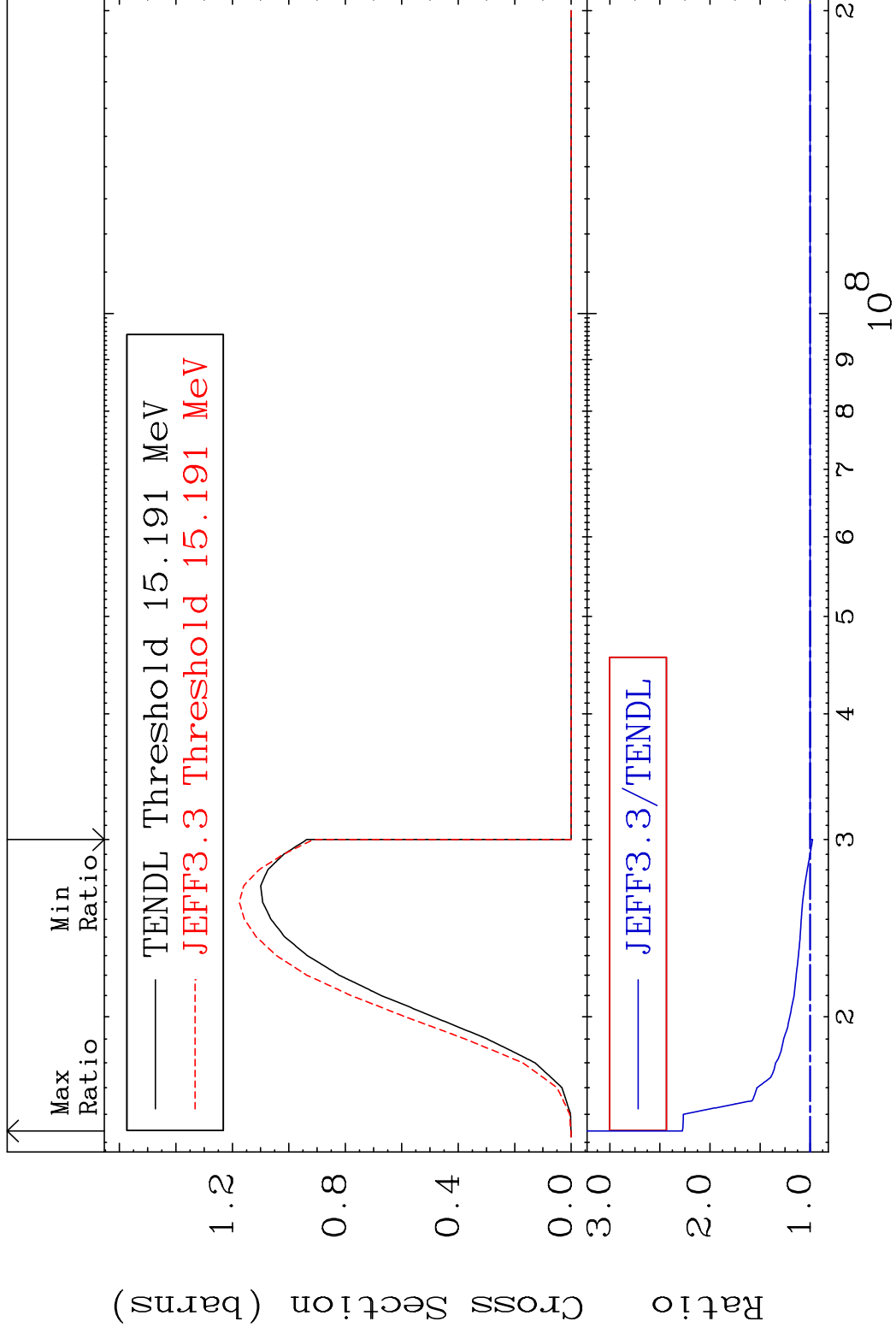
52-Te-128

MAT 5249

(n,3n)

52-Te-128

Cross Section -2.420 To 127.6 %



6

Incident Energy (eV)

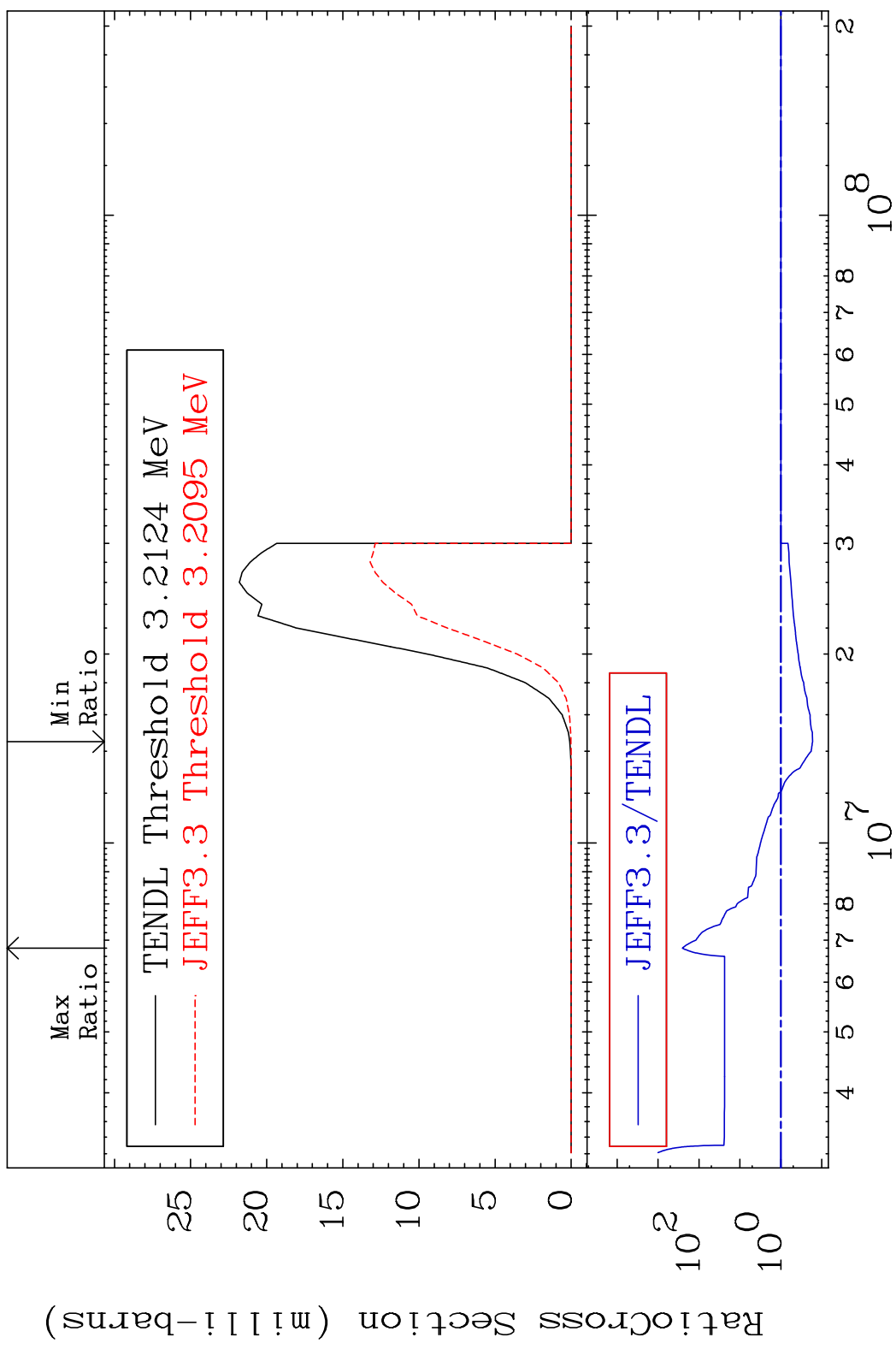
52-Te-128

MAT 5249

(n, n')  $\alpha$

52-Te-128

Cross Section -83.21 To 9999. %



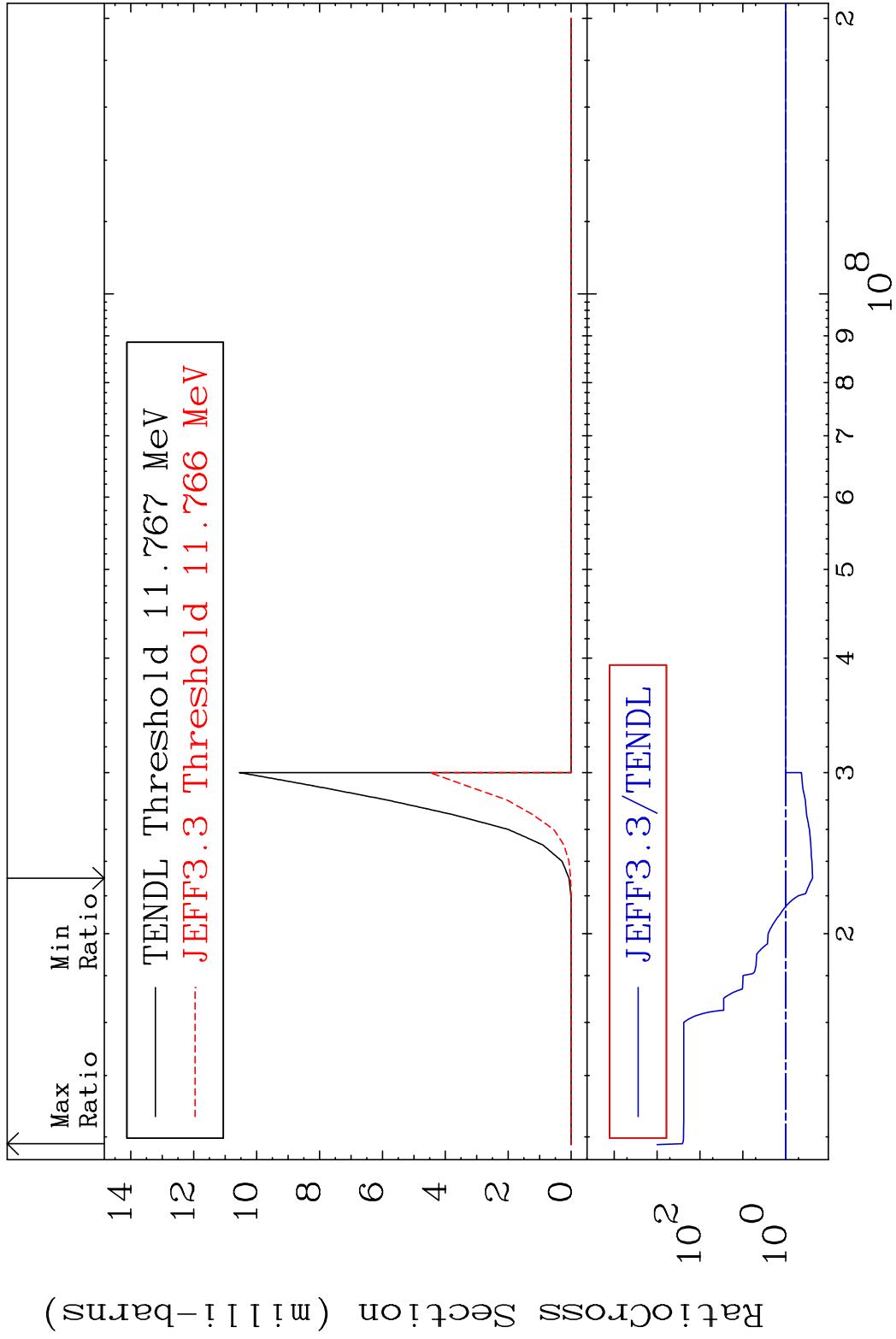


MAT 5249

(n,2n)  $\alpha$

52-Te-128

Cross Section -76.43 To 9999. %



8

Incident Energy (eV)

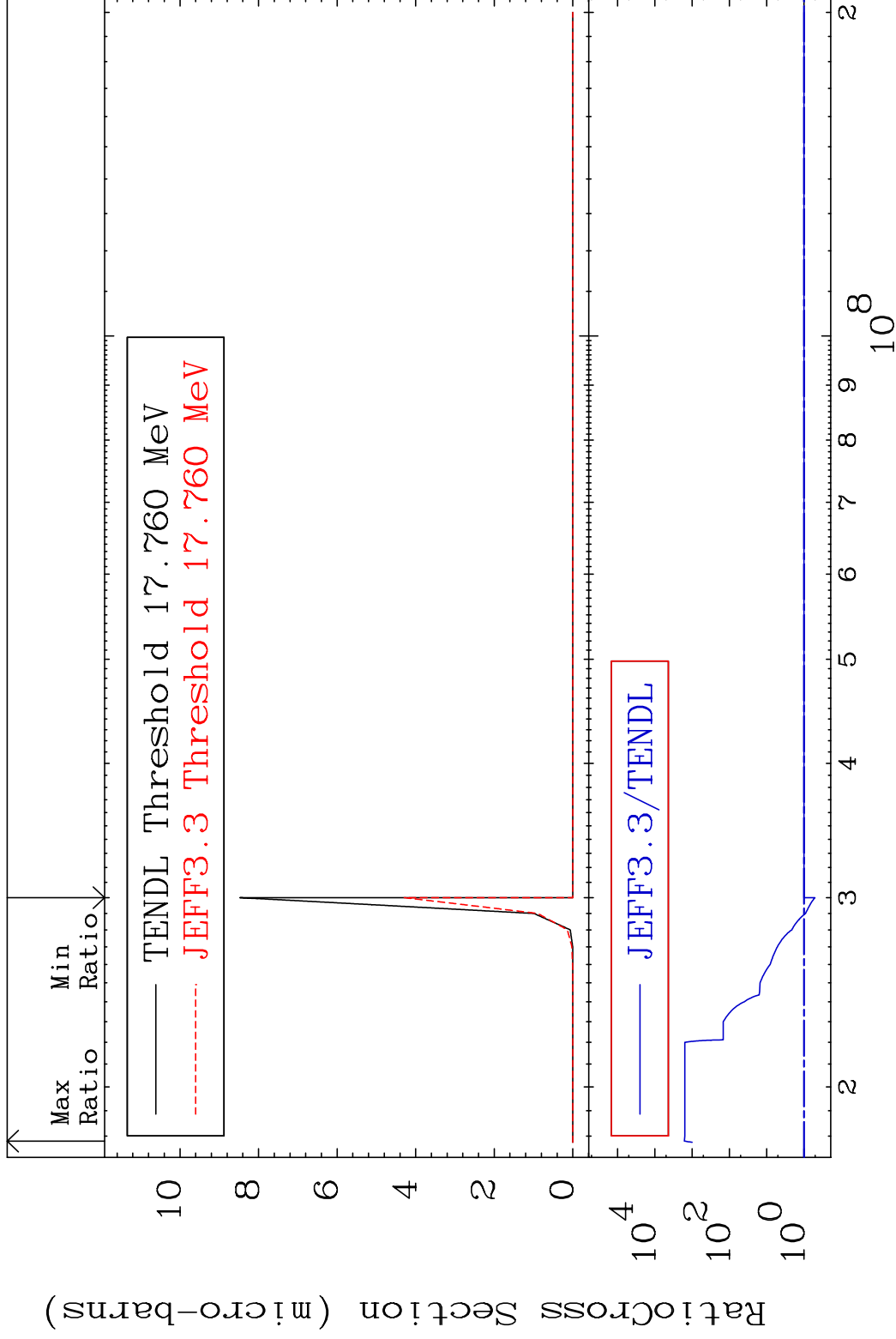
52-Te-128

MAT 5249

(n,3n)  $\alpha$

52-Te-128

Cross Section -49.33 To 9999. %



9

Incident Energy (eV)

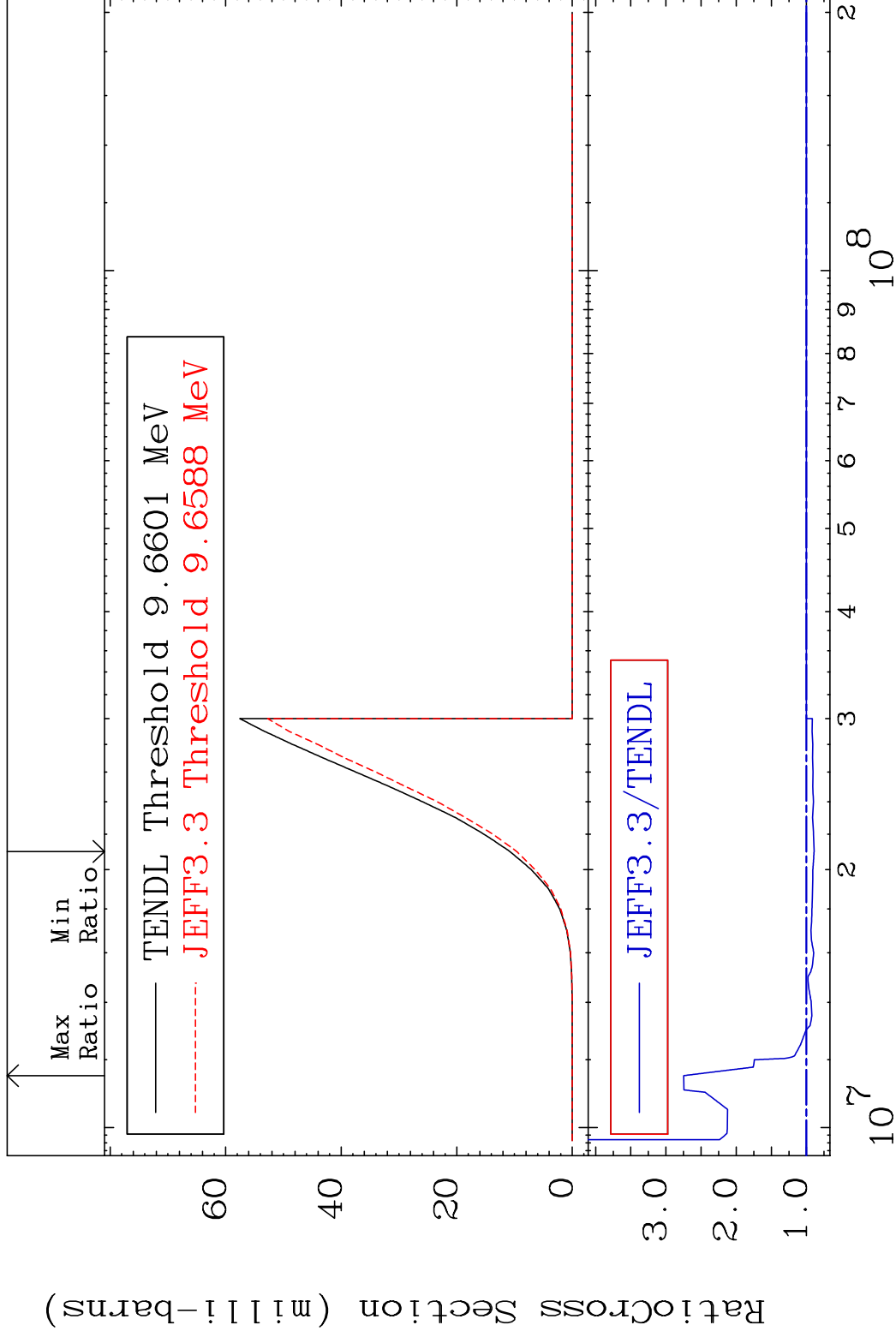
52-Te-128

MAT 5249

(n, n') p

52-Te-128

Cross Section -10.84 To 174.8 %

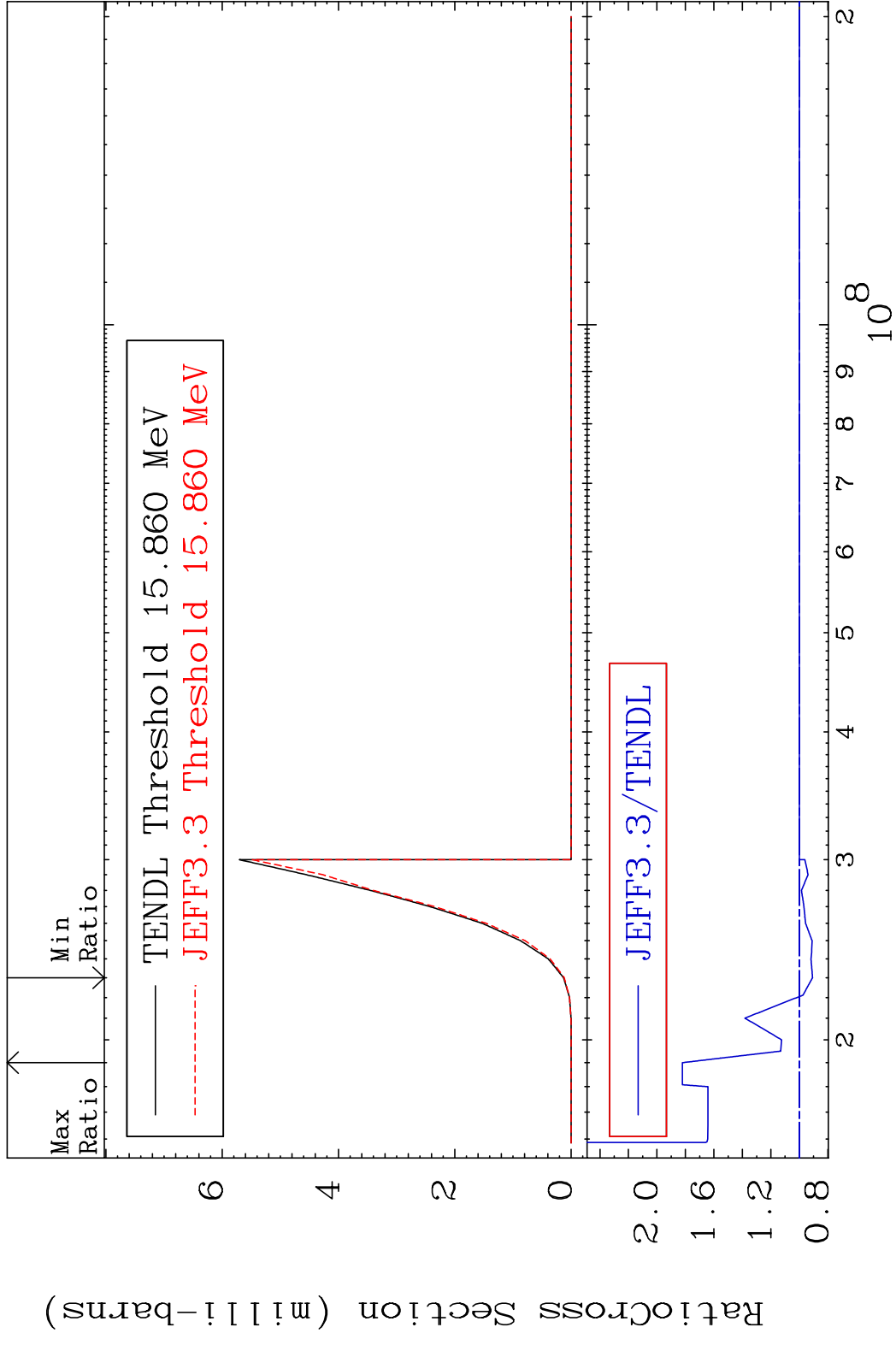


10

Incident Energy (eV)

52-Te-128

MAT 5249 (n, n') d 52-Te-128  
 Cross Section -9.277 To 82.15 %

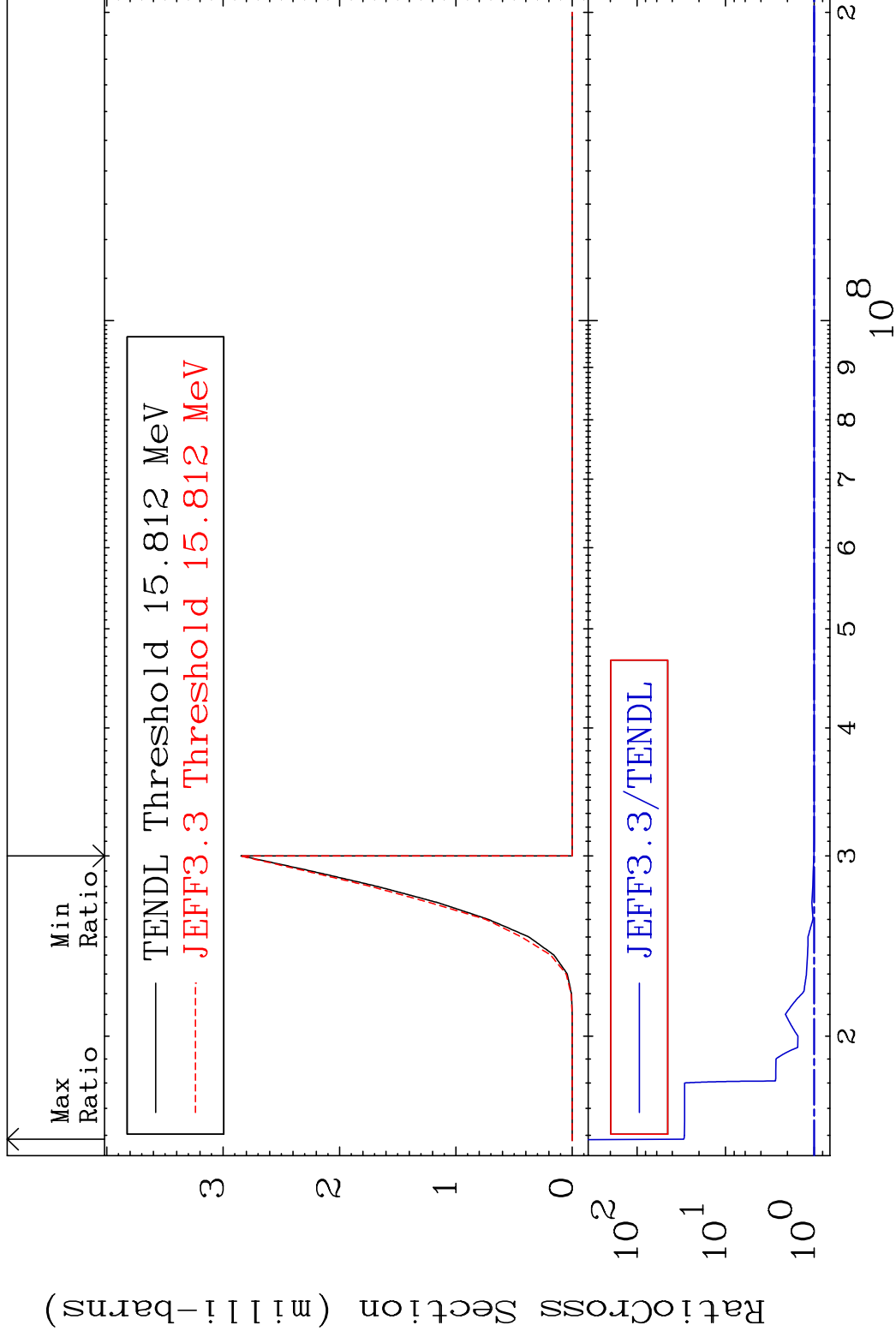


MAT 5249

(n, n') t

52-Te-128

Cross Section 0.000 To 2876. %



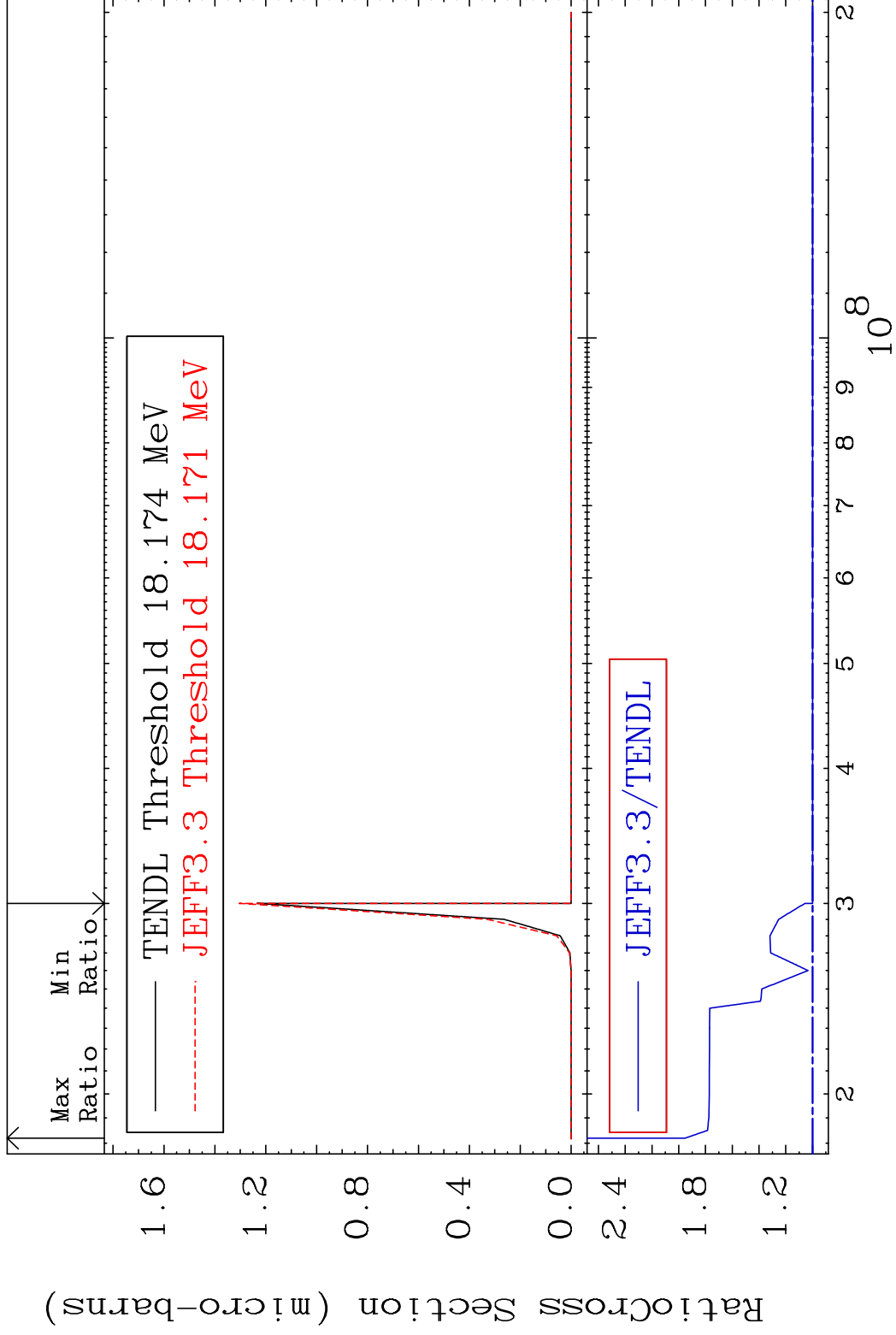
MAT 5249

(n,n') He-3

52-Te-128

Cross Section 0.000

To 97.32 %

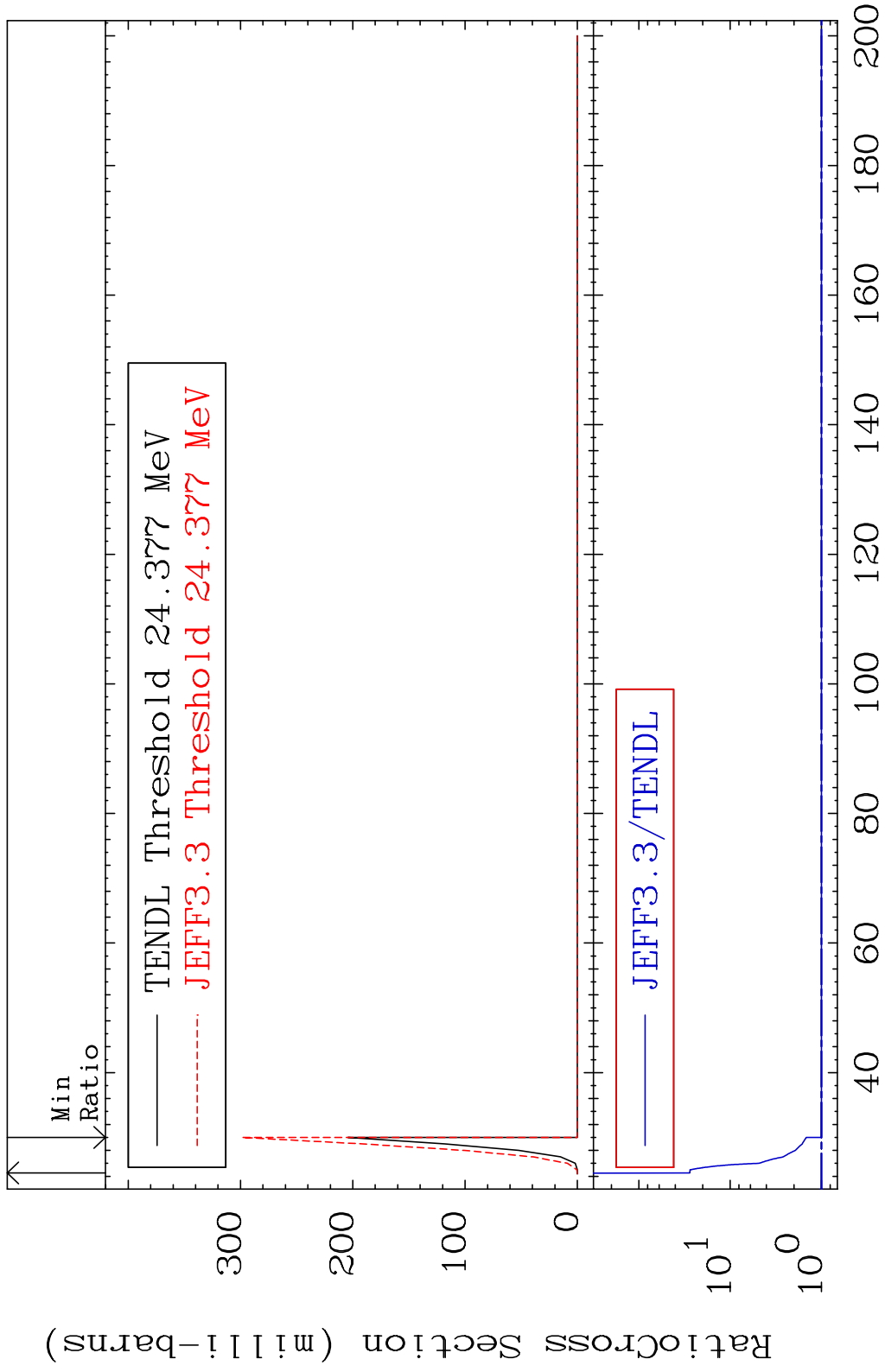


MAT 5249

(n,4n)

52-Te-128

Cross Section 0.000 To 2669. %



14

Incident Energy (MeV)

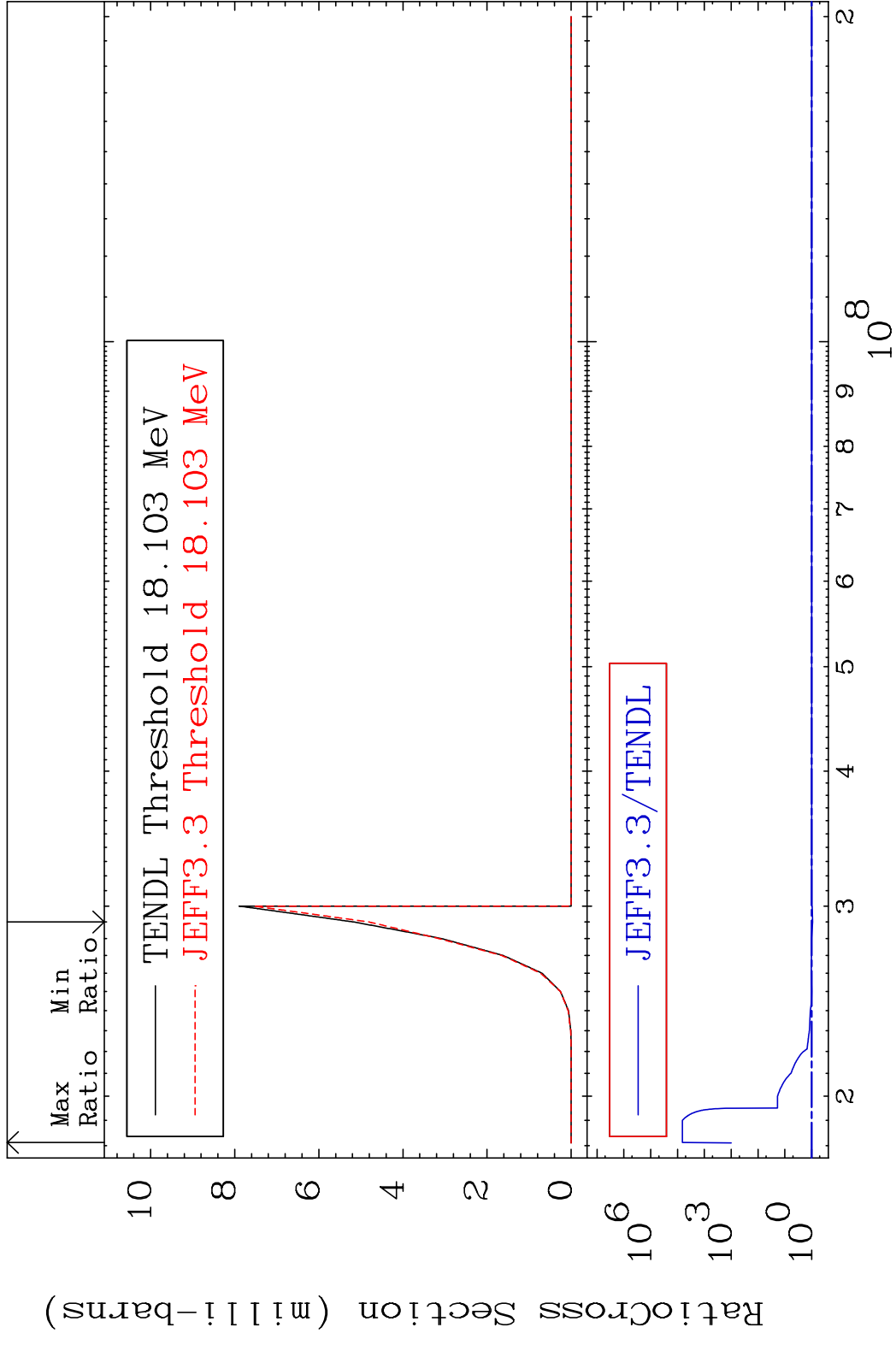
52-Te-128

MAT 5249

(n,2n) p

52-Te-128

Cross Section -6.986 To 9999. %





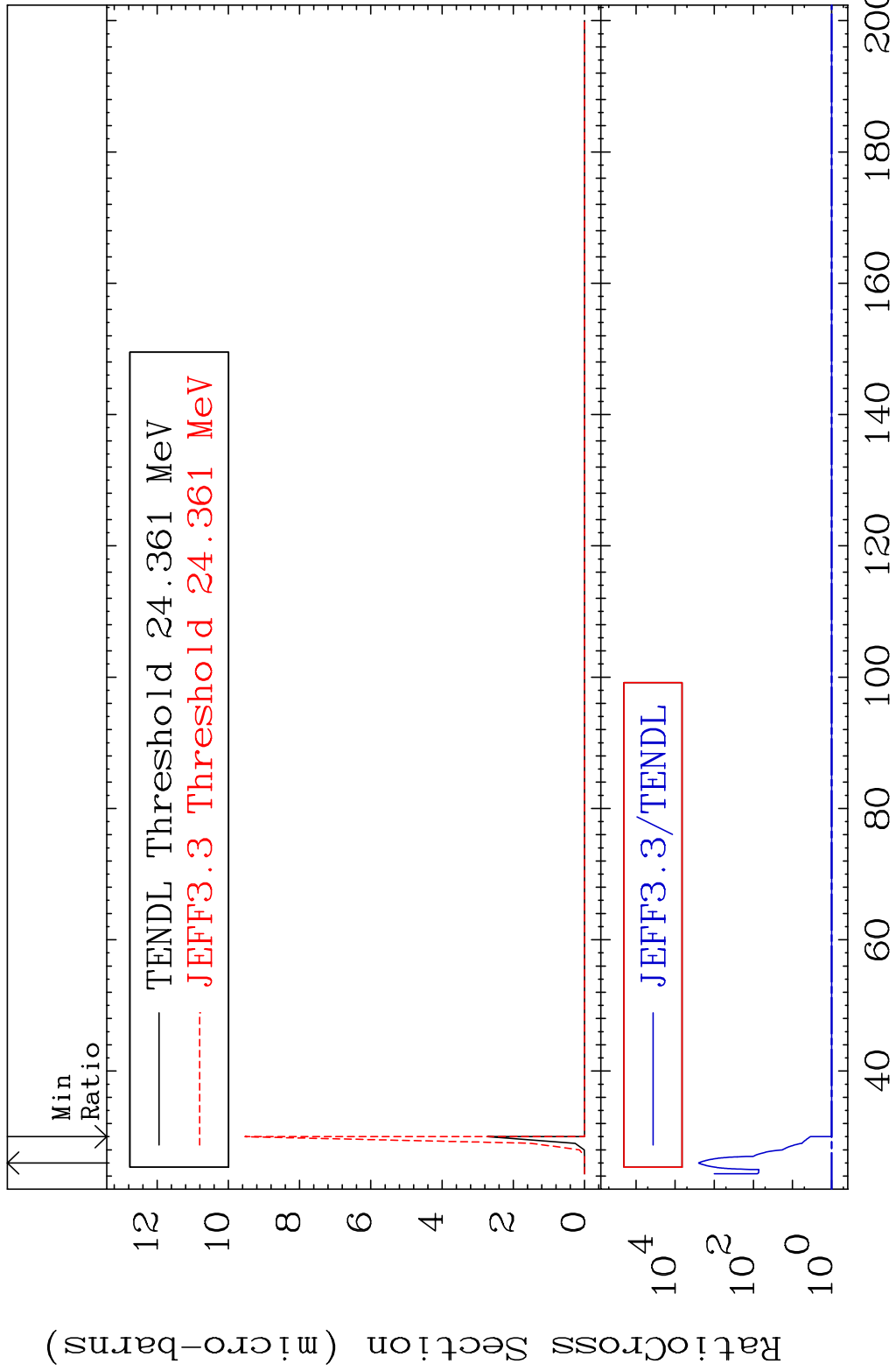
MAT 5249

(n,3n) p

52-Te-128

Cross Section 0.000

To 9999. %



MAT 5249

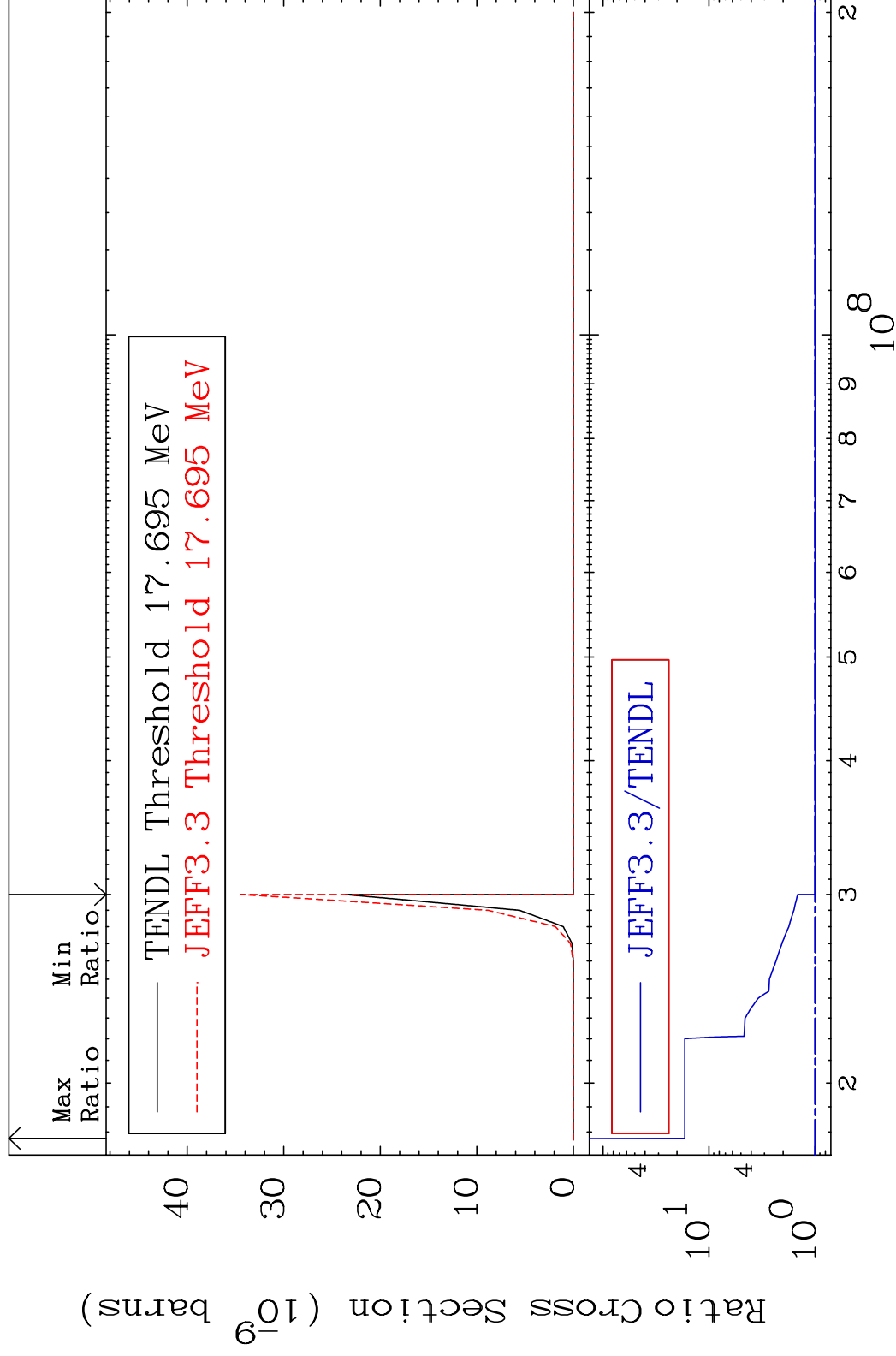
(n,2n) p

52-Te-128

Cross Section

0.000

To 1594. %

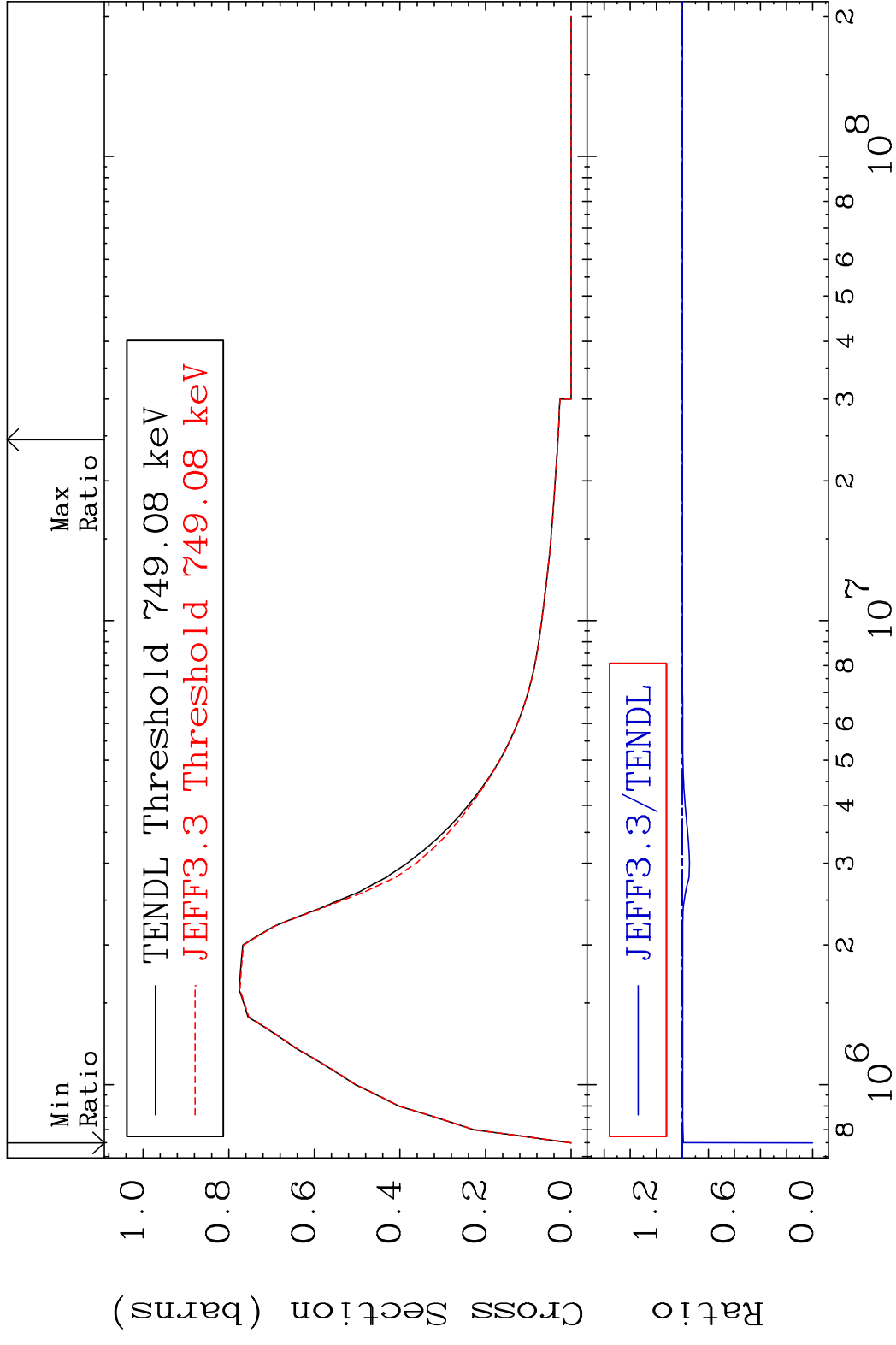


17

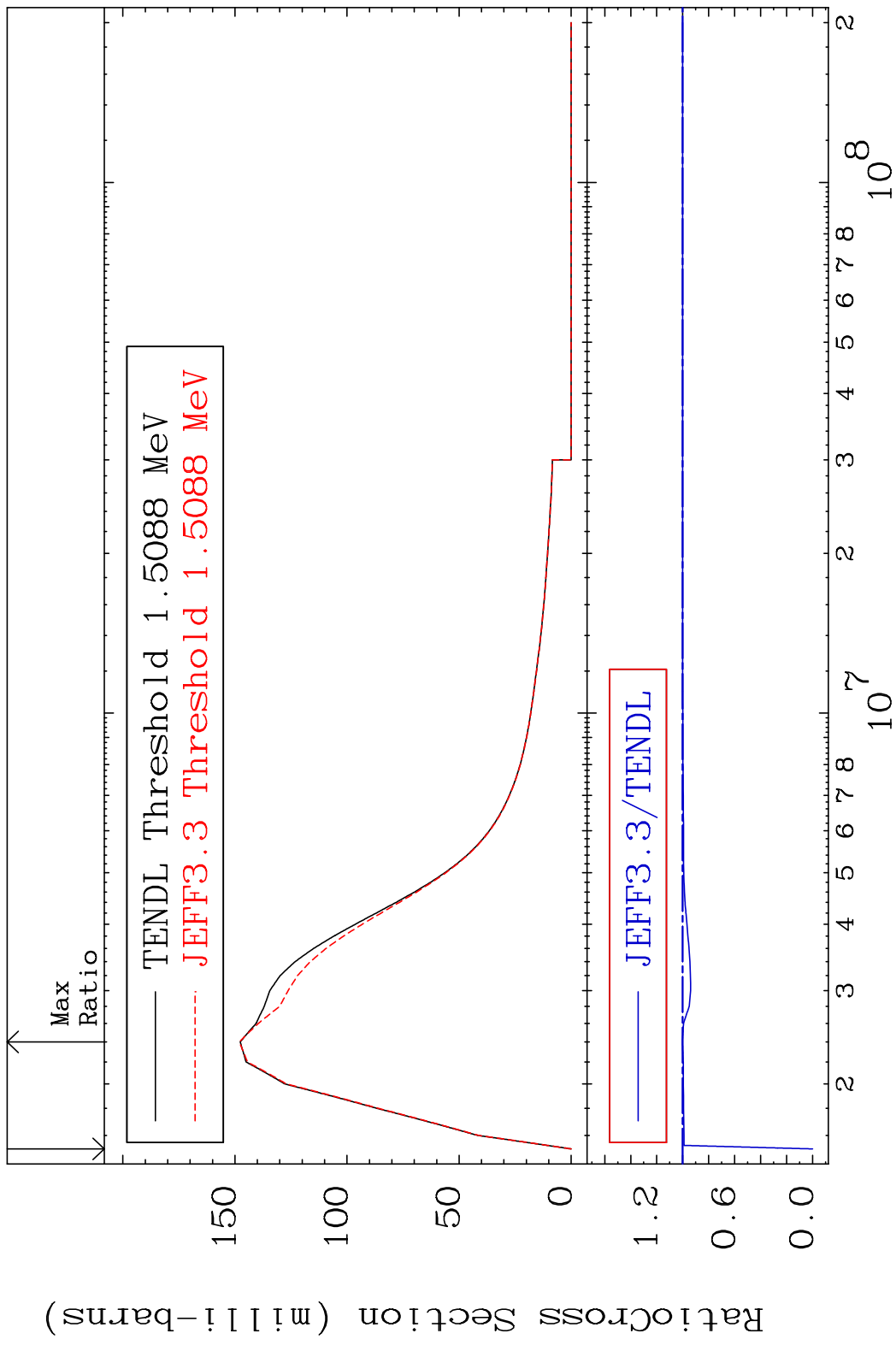
Incident Energy (eV)

52-Te-128

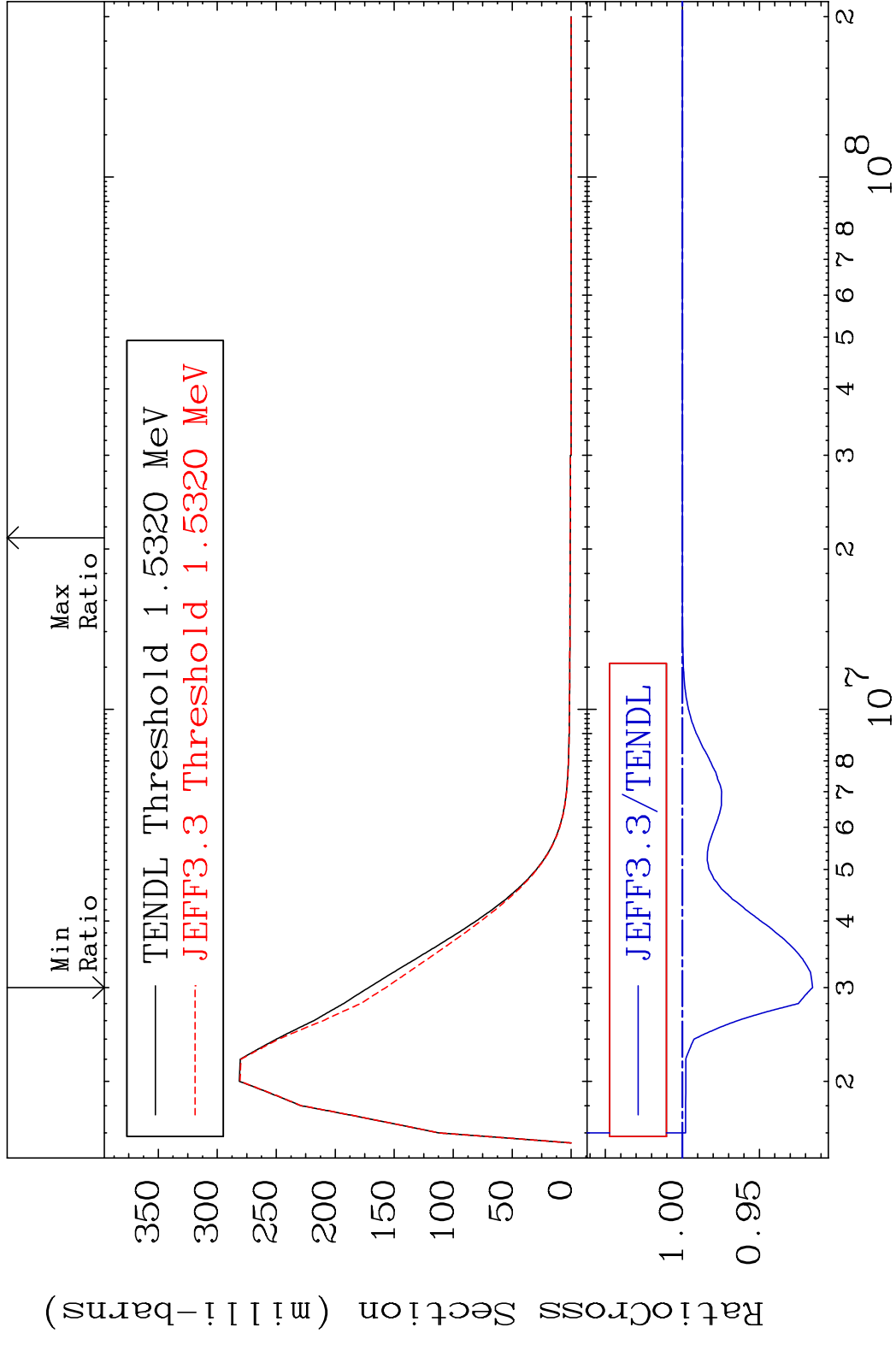
MAT 5249 MT= 51 (n,n') Level 52-Te-128  
 Cross Section -100.0 To 0.000 %



MAT 5249 MT= 52 (n,n') Level 52-Te-128  
 Cross Section -100.0 To 0.255 %

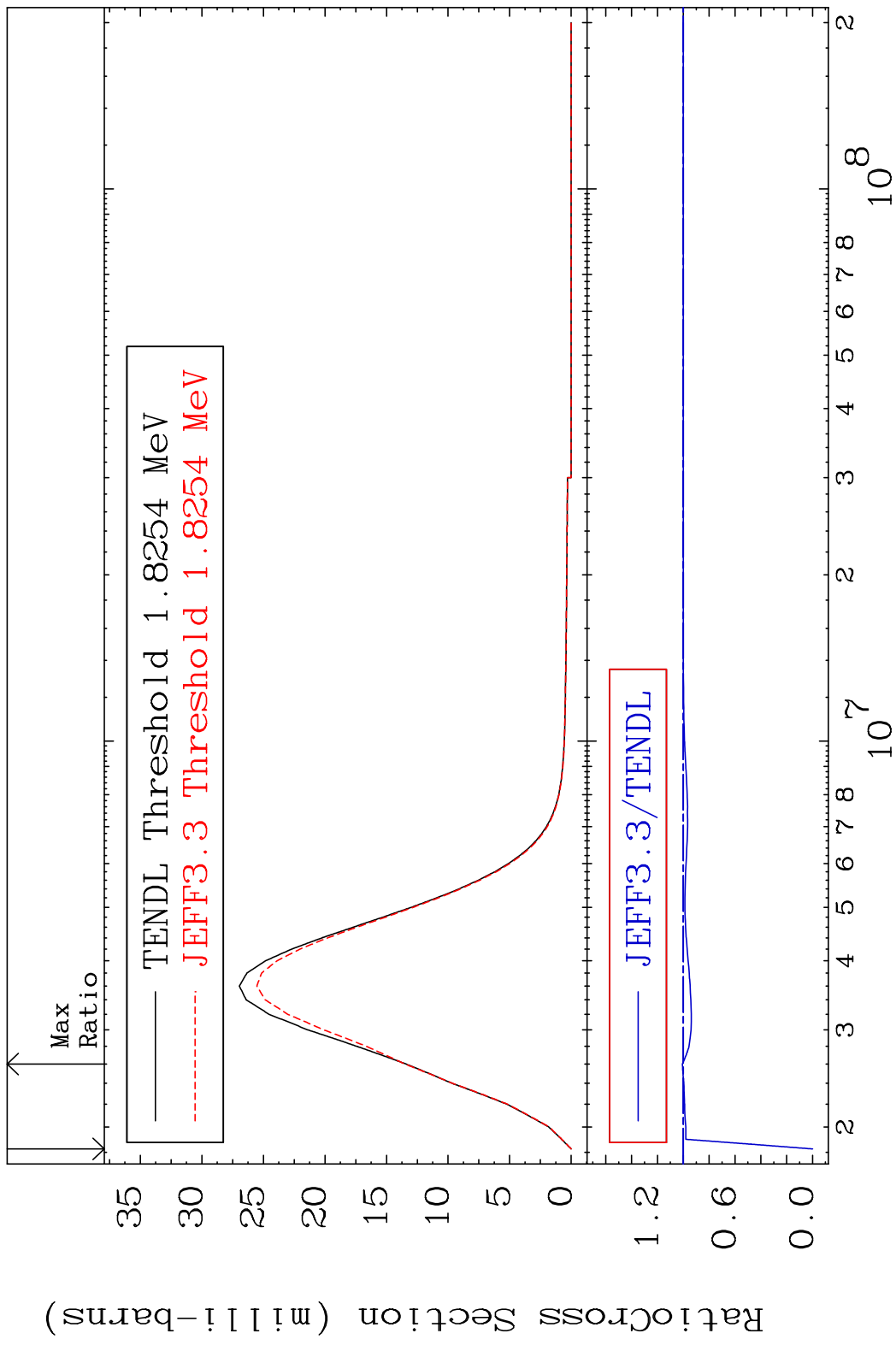


MAT 5249 MT= 53 (n, n') Level 52-Te-128  
 Cross Section -8.452 To 0.000 %

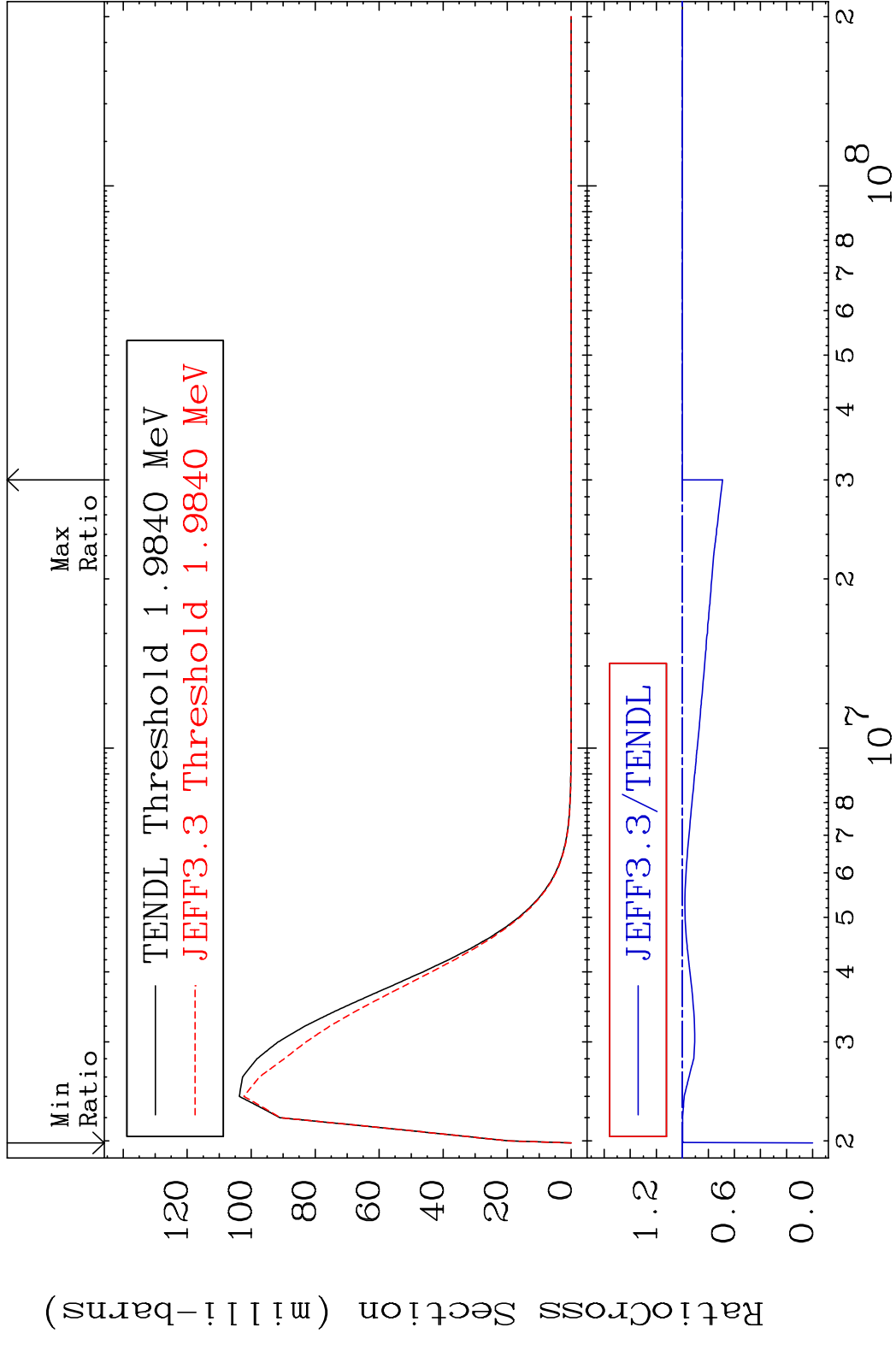


20 Incident Energy (eV) 52-Te-128

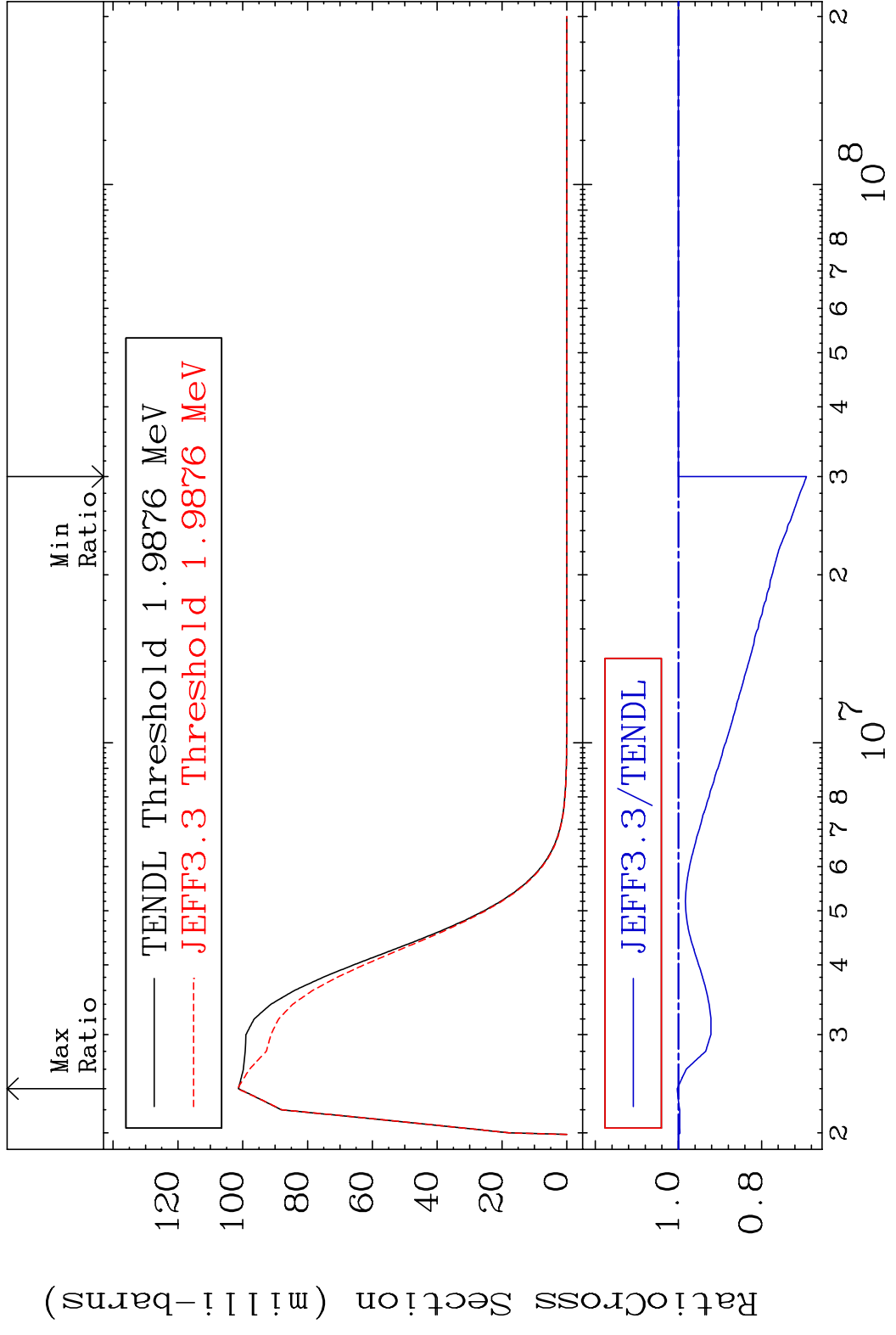
MAT 5249 MT= 54 (n,n') Level 52-Te-128  
 Cross Section -100.0 To 0.734 %



MAT 5249 MT= 55 (n, n') Level 52-Te-128  
 Cross Section -100.0 To 0.000 %

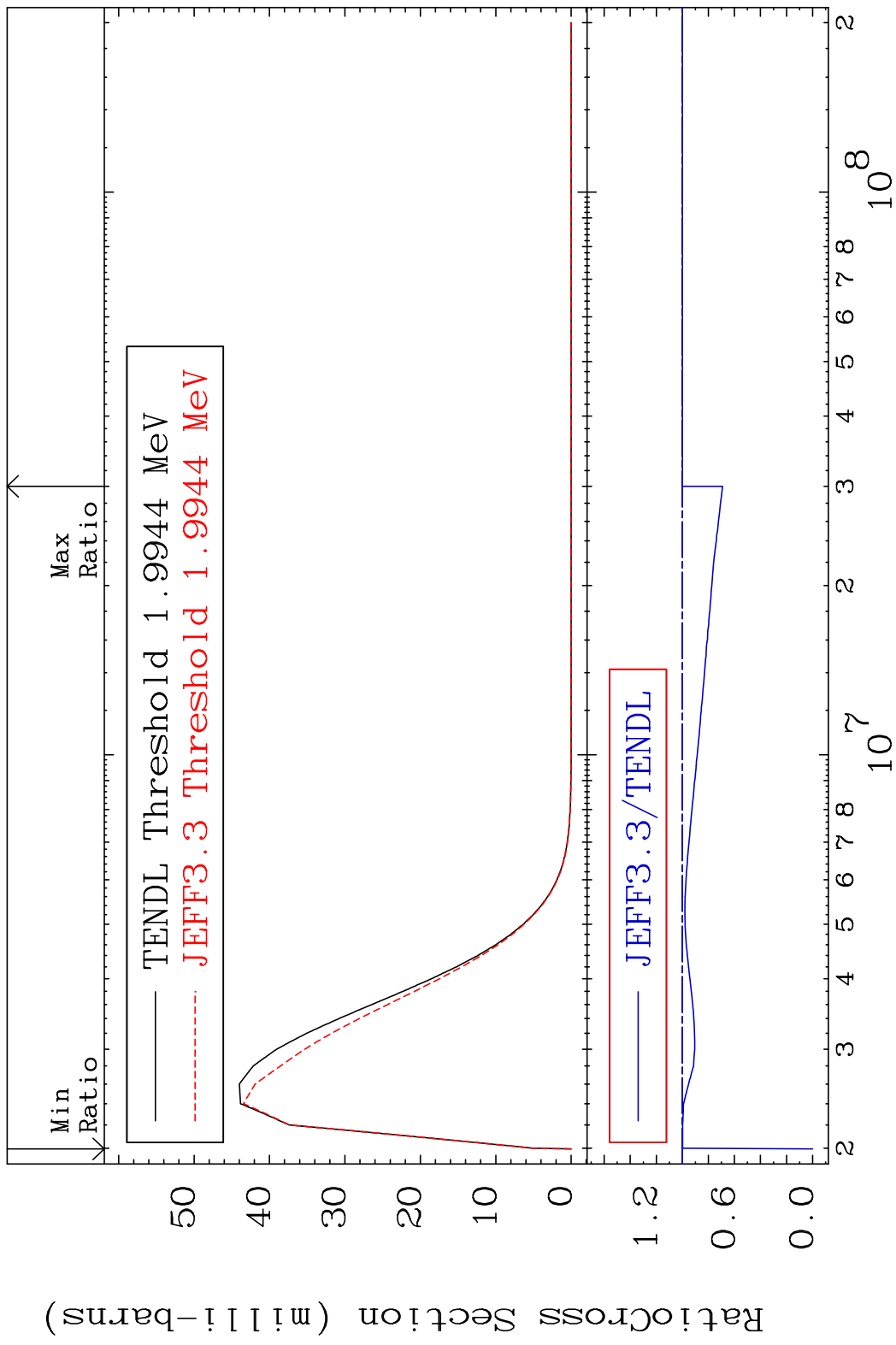


MAT 5249 MT= 56 (n, n') Level 52-Te-128  
 Cross Section -30.79 To 0.306 %

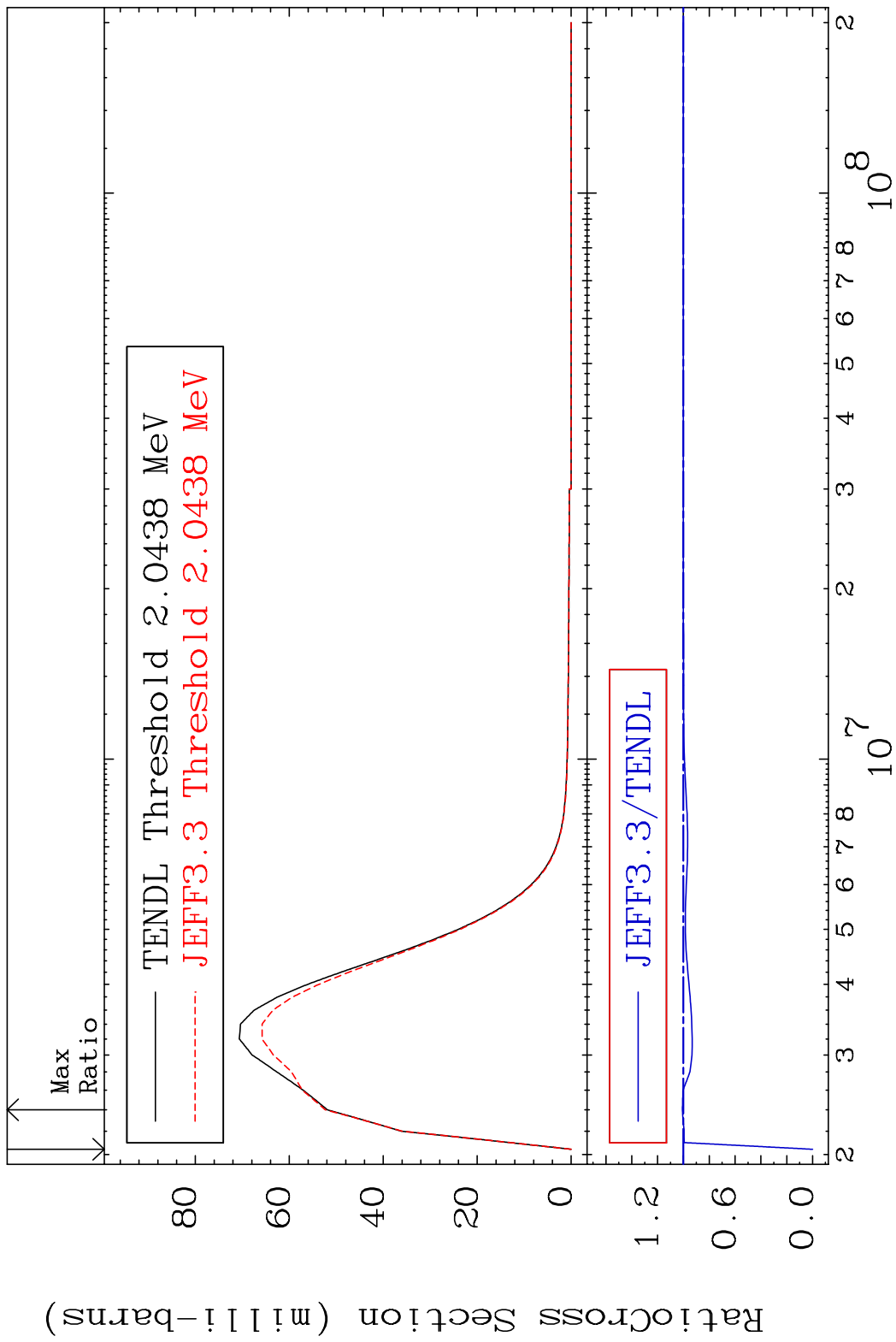




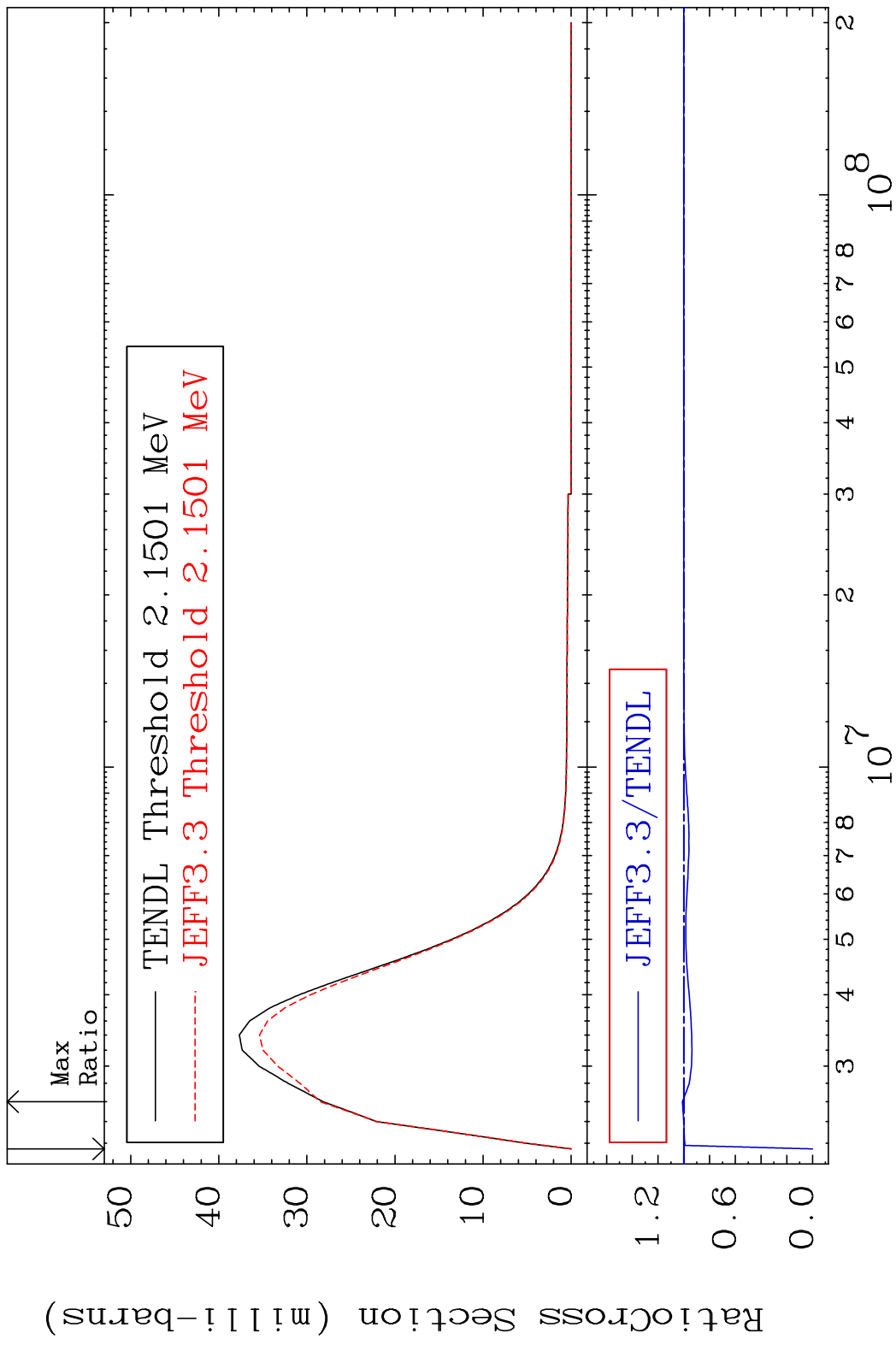
MAT 5249      MT= 57 (n, n') Level      52-Te-128  
 Cross Section    -100.0 To 0.000 %



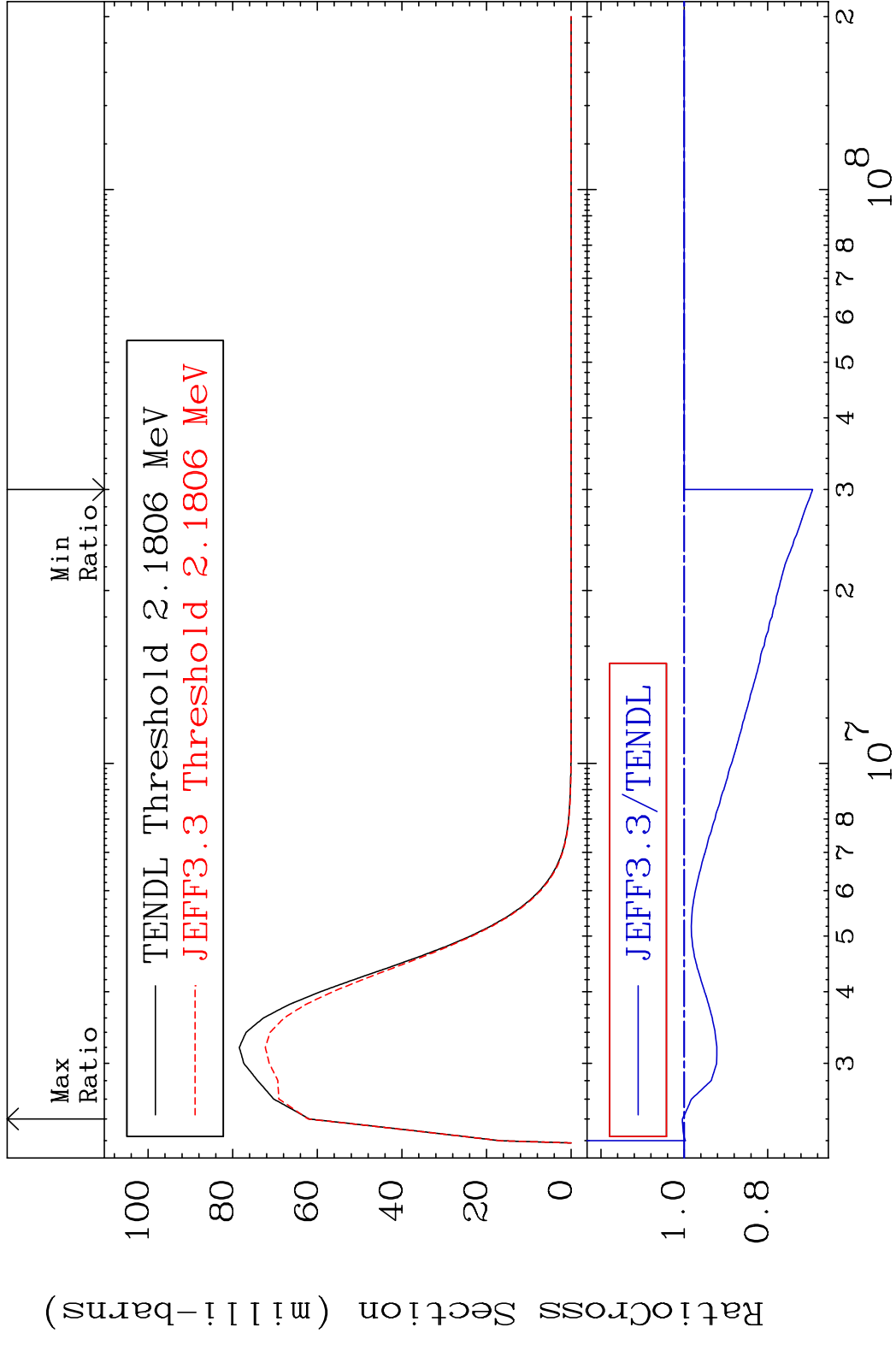
MAT 5249 MT= 58 (n, n') Level 52-Te-128  
 Cross Section -100.0 To 0.819 %



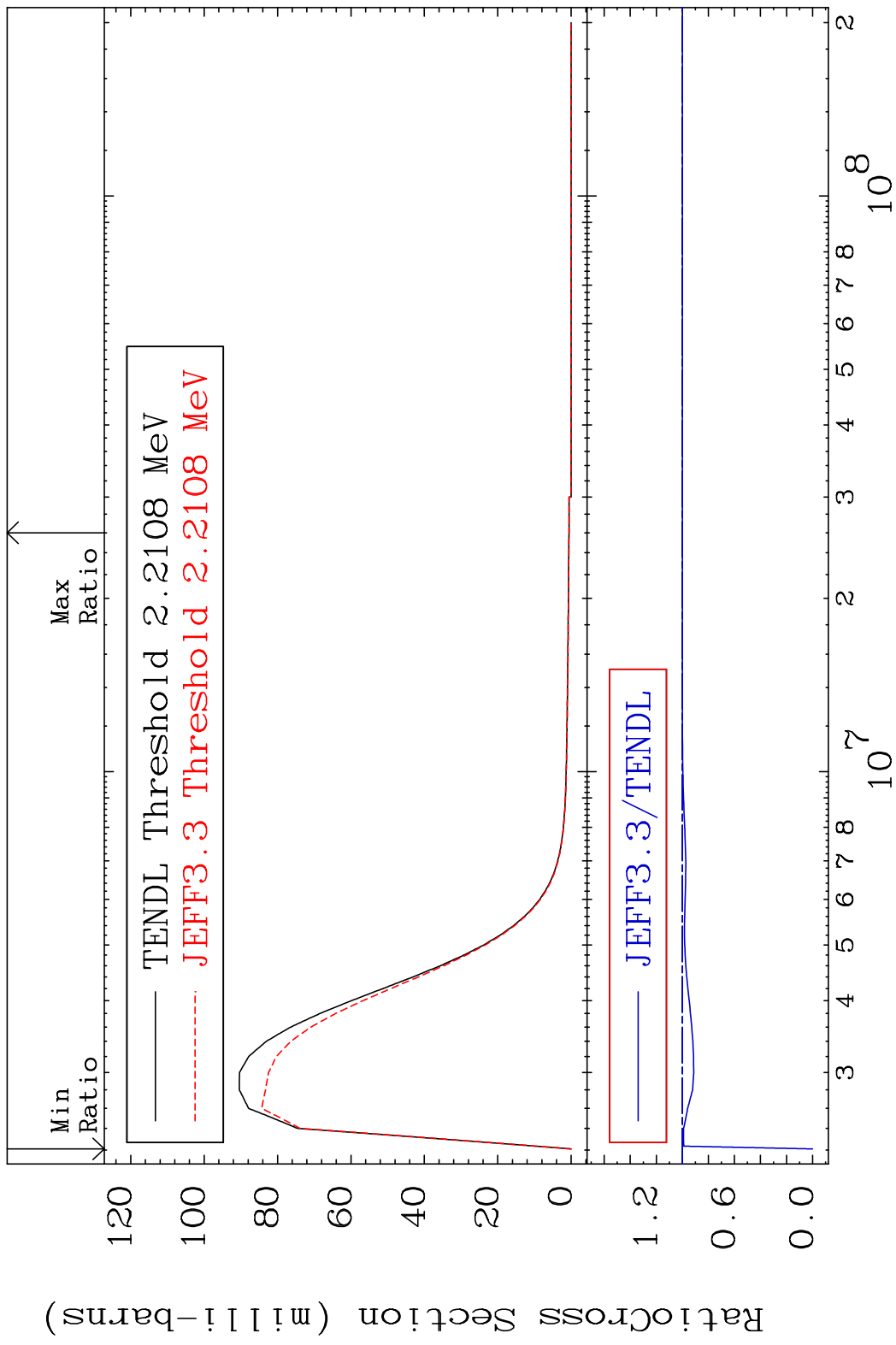
MAT 5249 MT= 59 (n, n') Level 52-Te-128  
 Cross Section -100.0 To 1.136 %



MAT 5249 MT= 60 (n, n') Level 52-Te-128  
 Cross Section -30.79 To 0.454 %



MAT 5249 MT= 61 (n, n') Level 52-Te-128  
 Cross Section -100.0 To 0.000 %

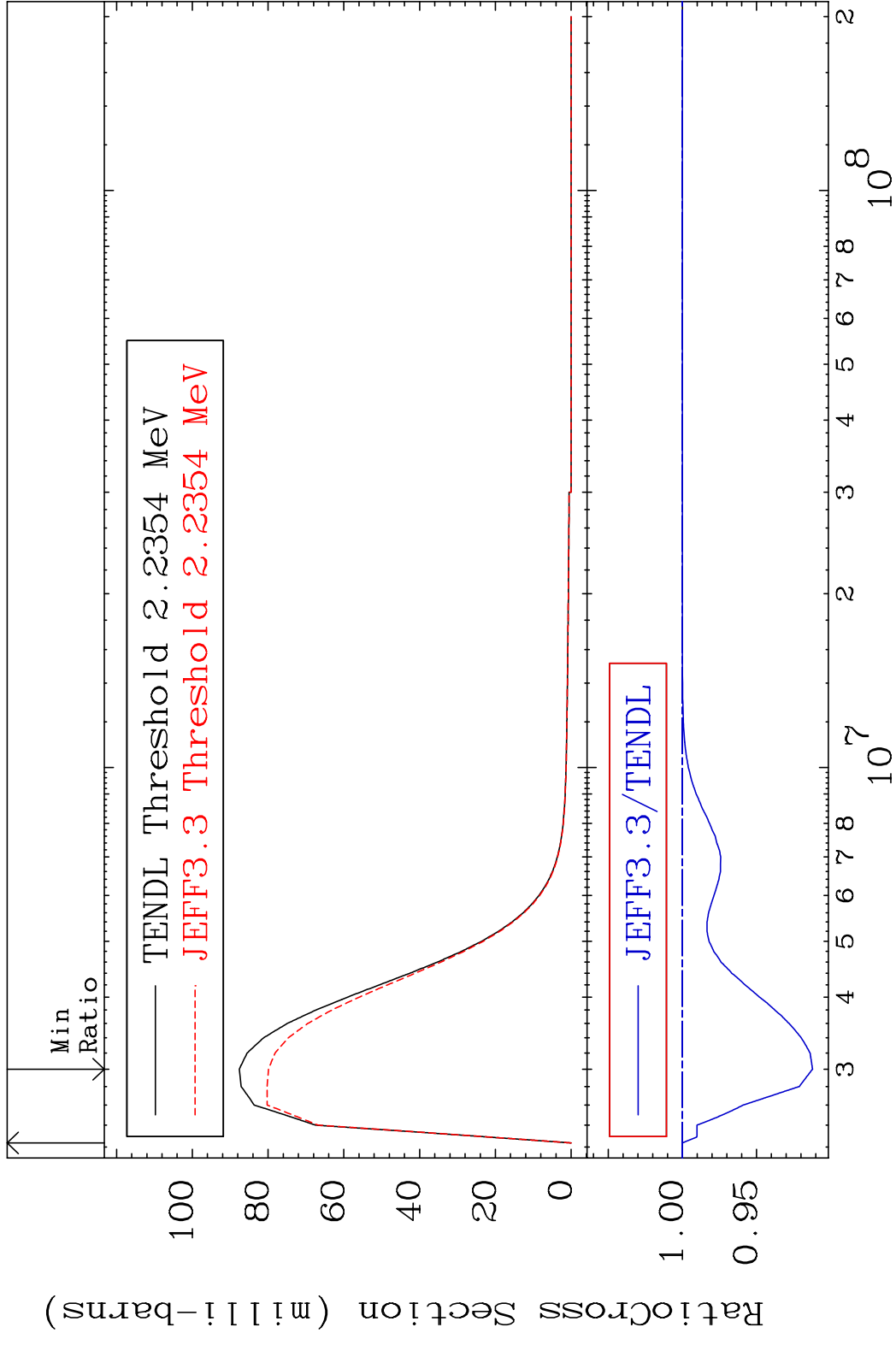


MAT 5249

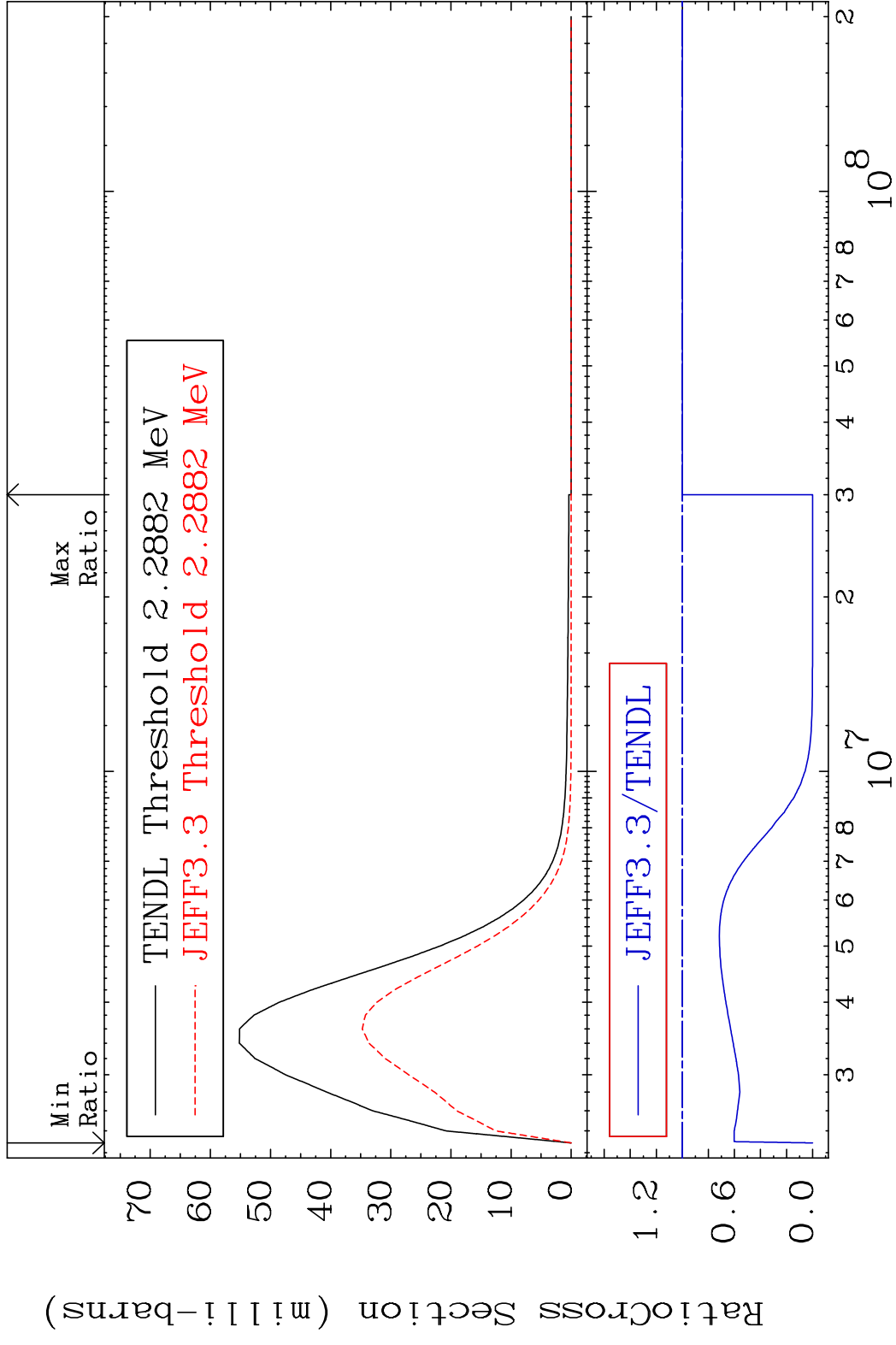
MT= 62 (n, n') Level

52-Te-128

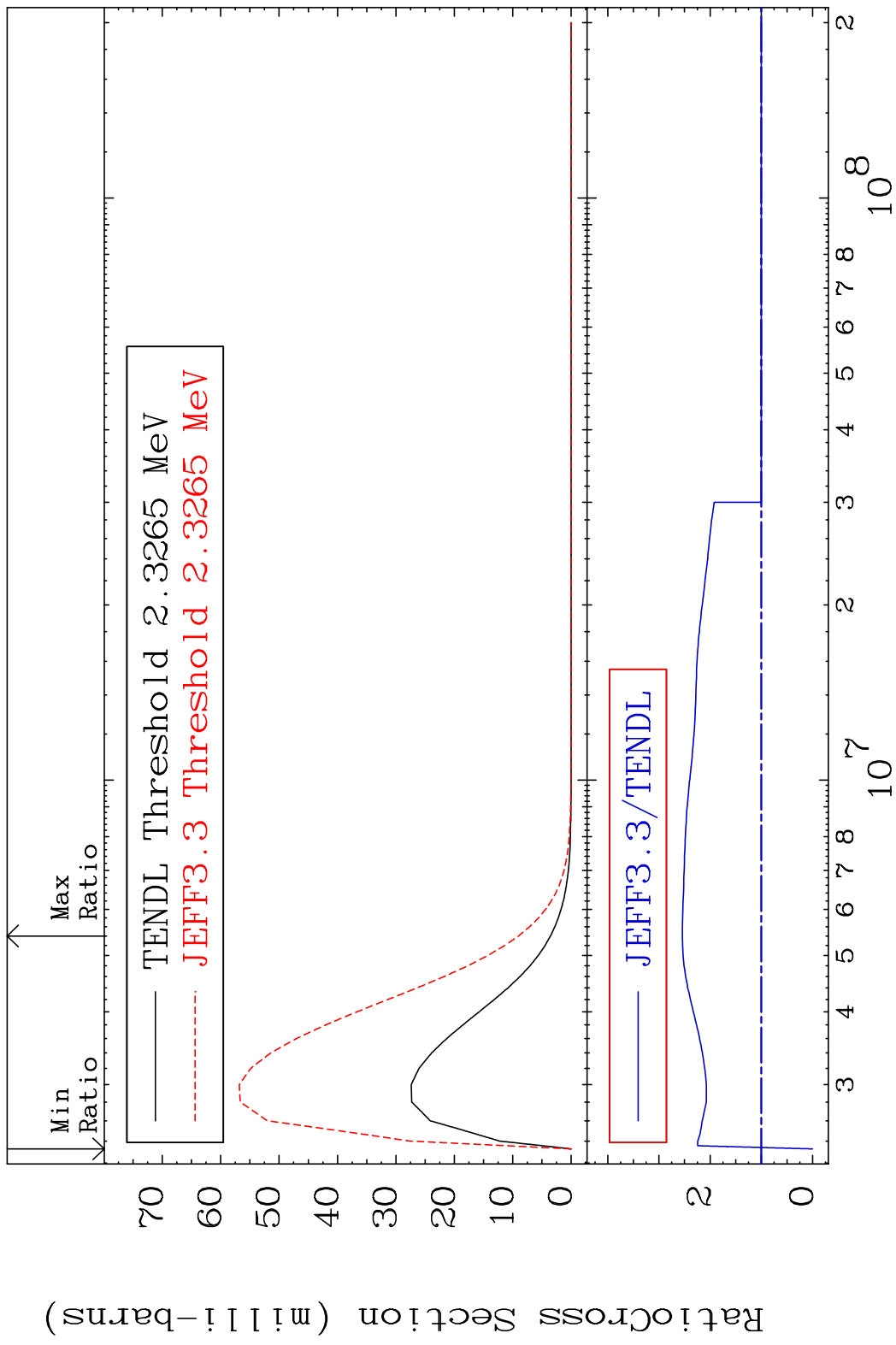
Cross Section -8.784 To 0.000 %



MAT 5249 MT= 63 (n, n') Level 52-Te-128  
 Cross Section -100.0 To 0.000 %

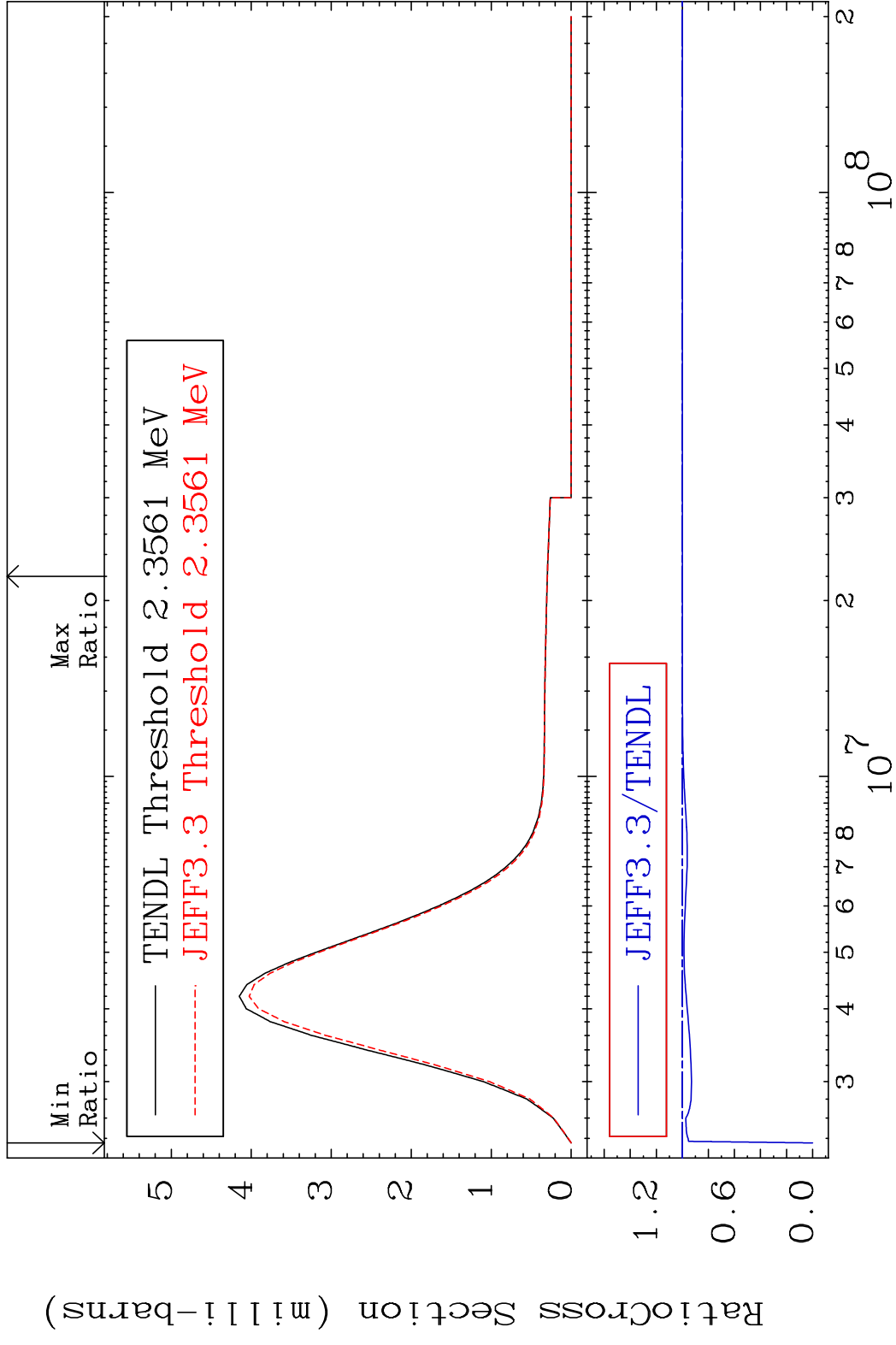


MAT 5249      MT= 64 (n, n') Level      52-Te-128  
 Cross Section    -100.0 To 154.3 %

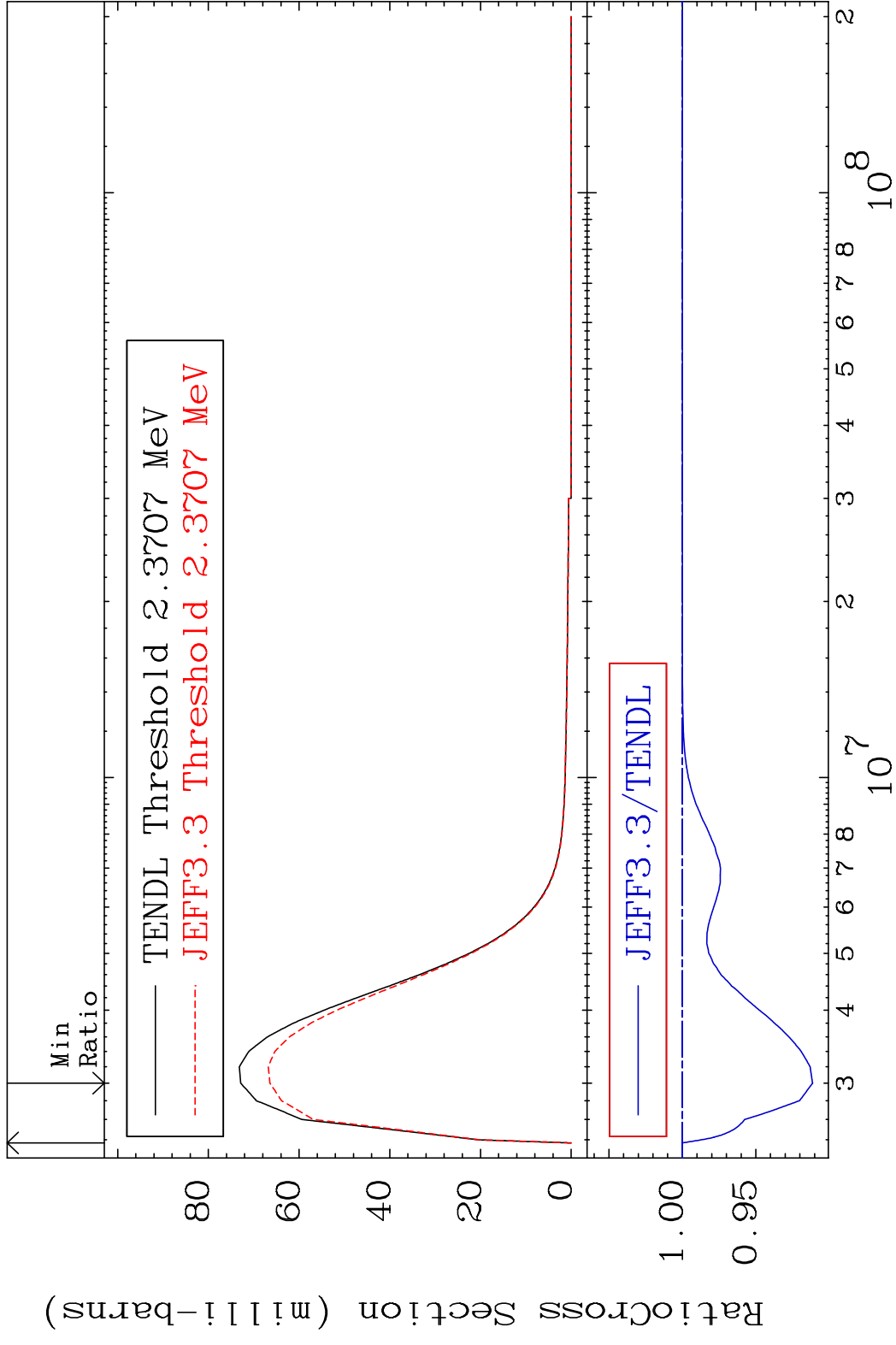




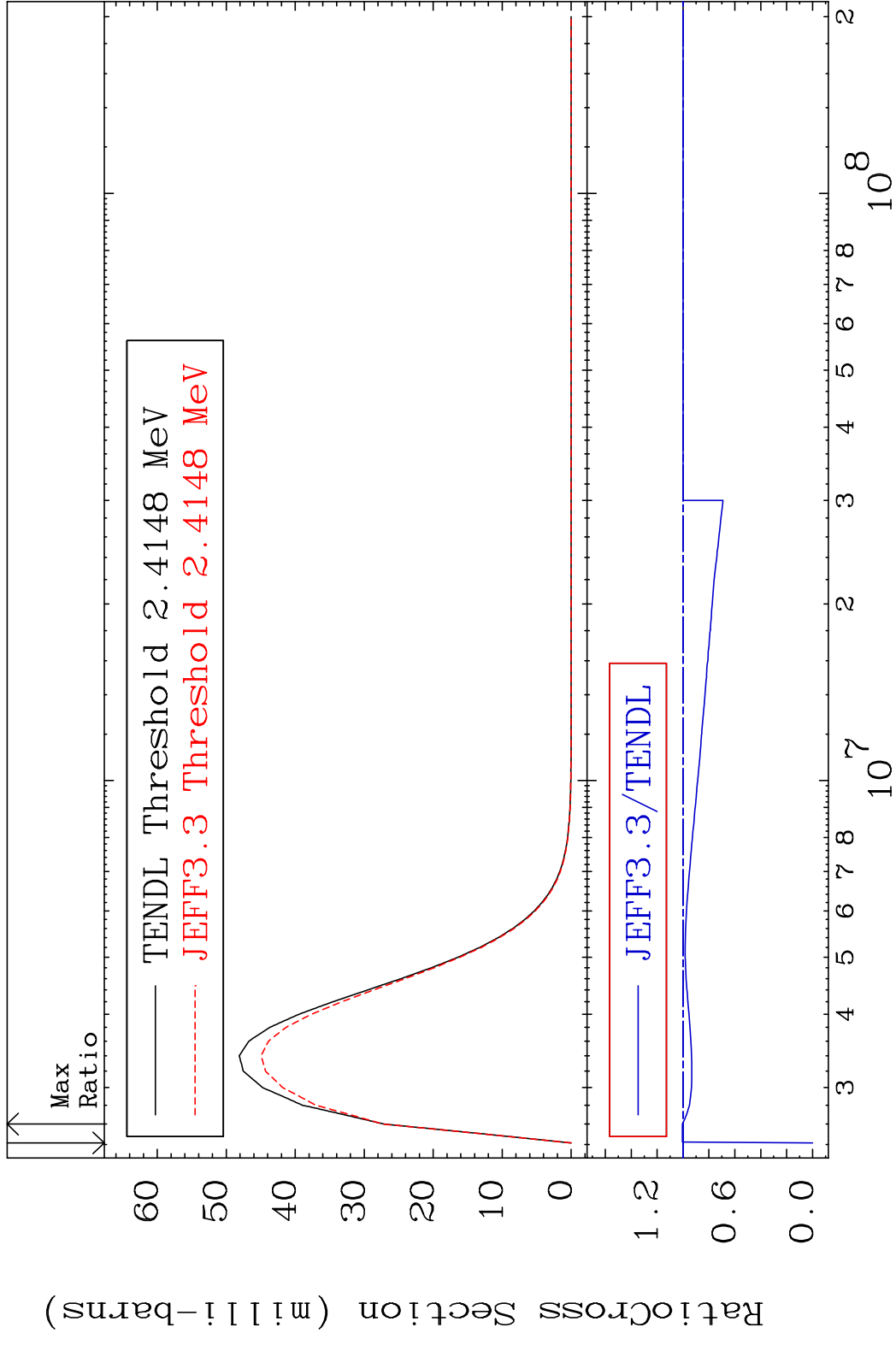
MAT 5249 MT= 65 (n, n') Level 52-Te-128  
 Cross Section -100.0 To 0.000 %



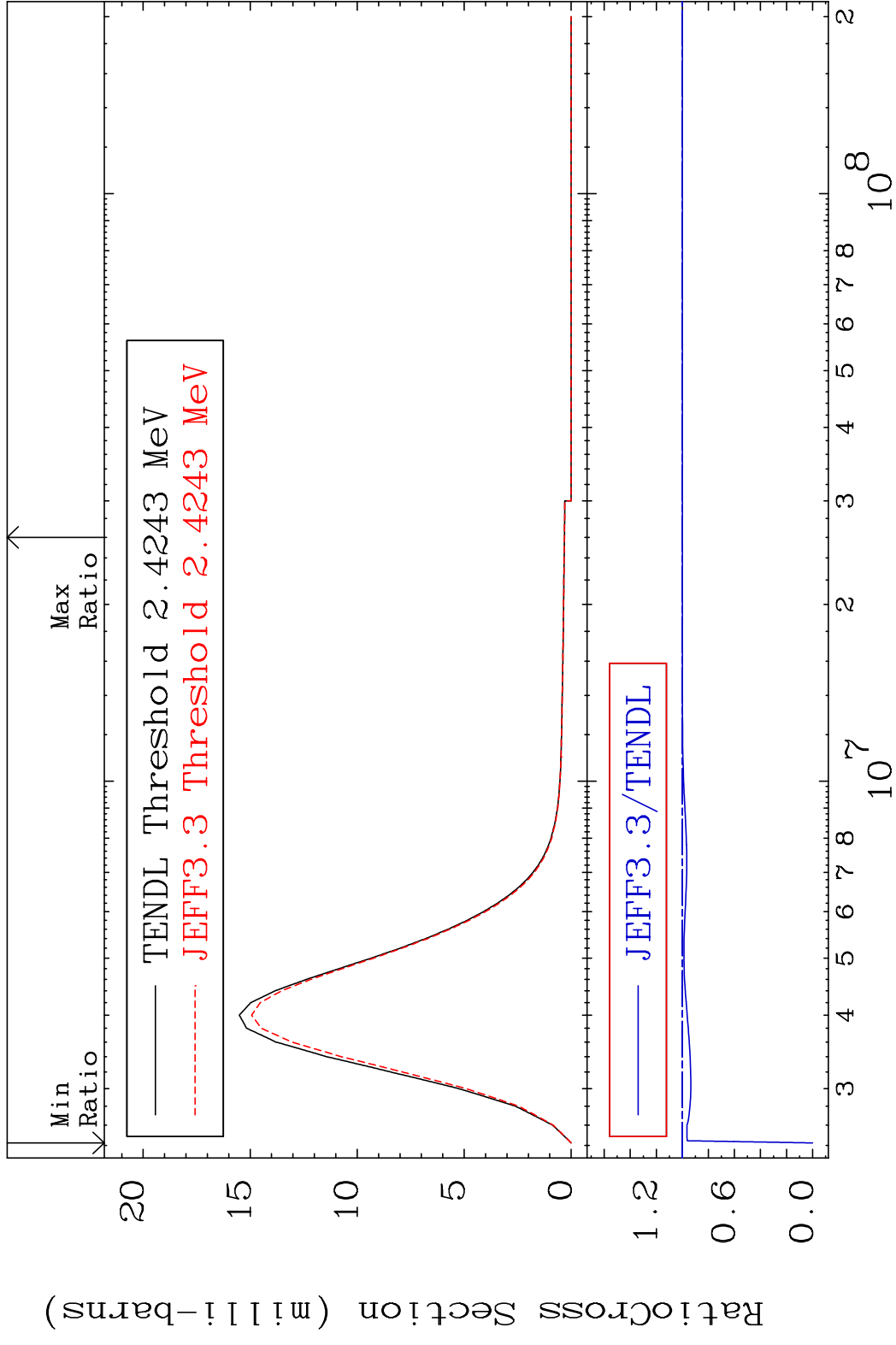
MAT 5249 MT= 66 (n, n') Level 52-Te-128  
 Cross Section -8.862 To 0.000 %



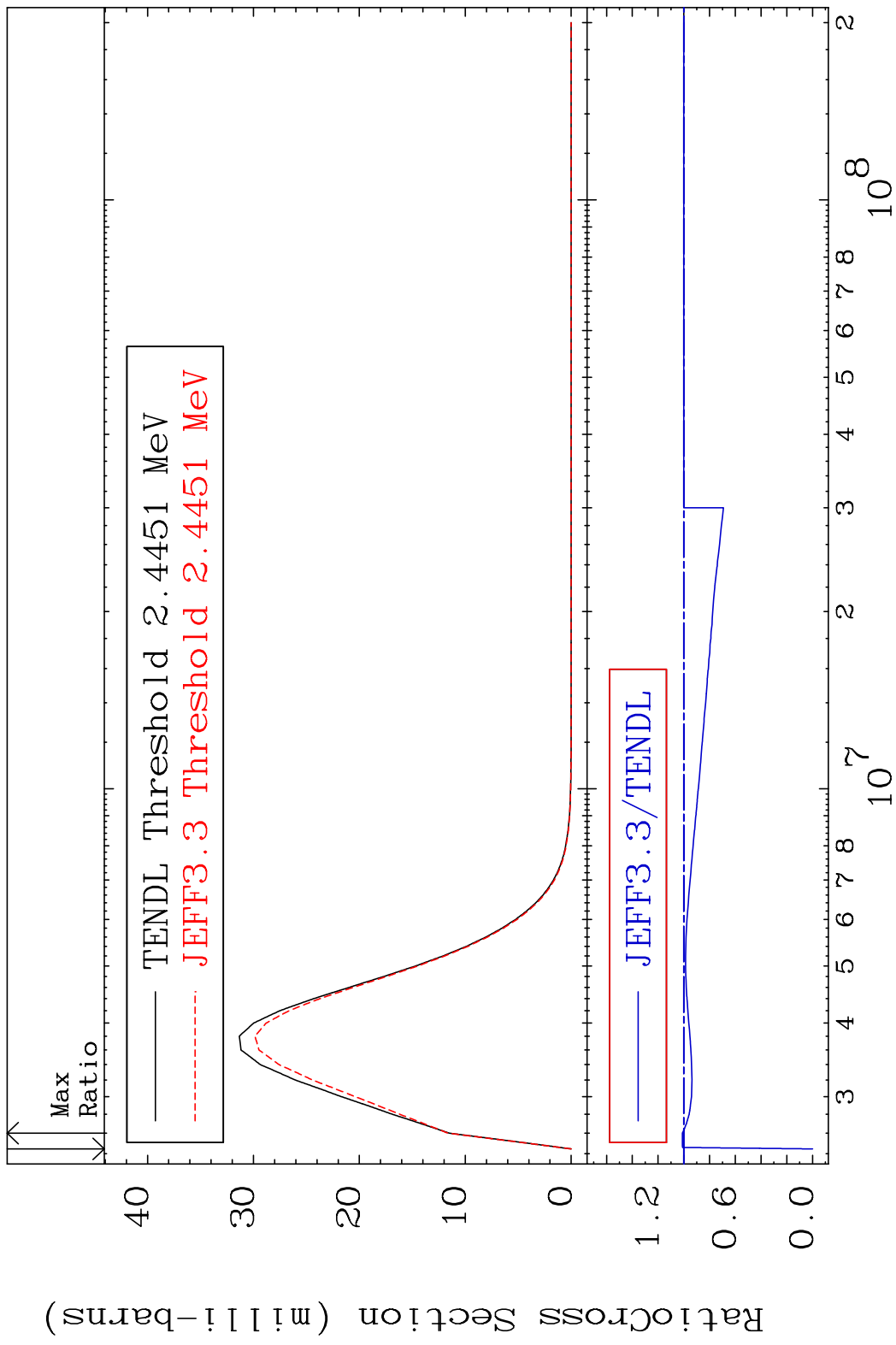
MAT 5249      MT= 67 (n, n') Level      52-Te-128  
 Cross Section    -100.0 To 0.533 %



MAT 5249 MT= 68 (n, n') Level 52-Te-128  
 Cross Section -100.0 To 0.000 %



MAT 5249      MT= 69 (n,n') Level      52-Te-128  
 Cross Section    -100.0 To 1.141 %

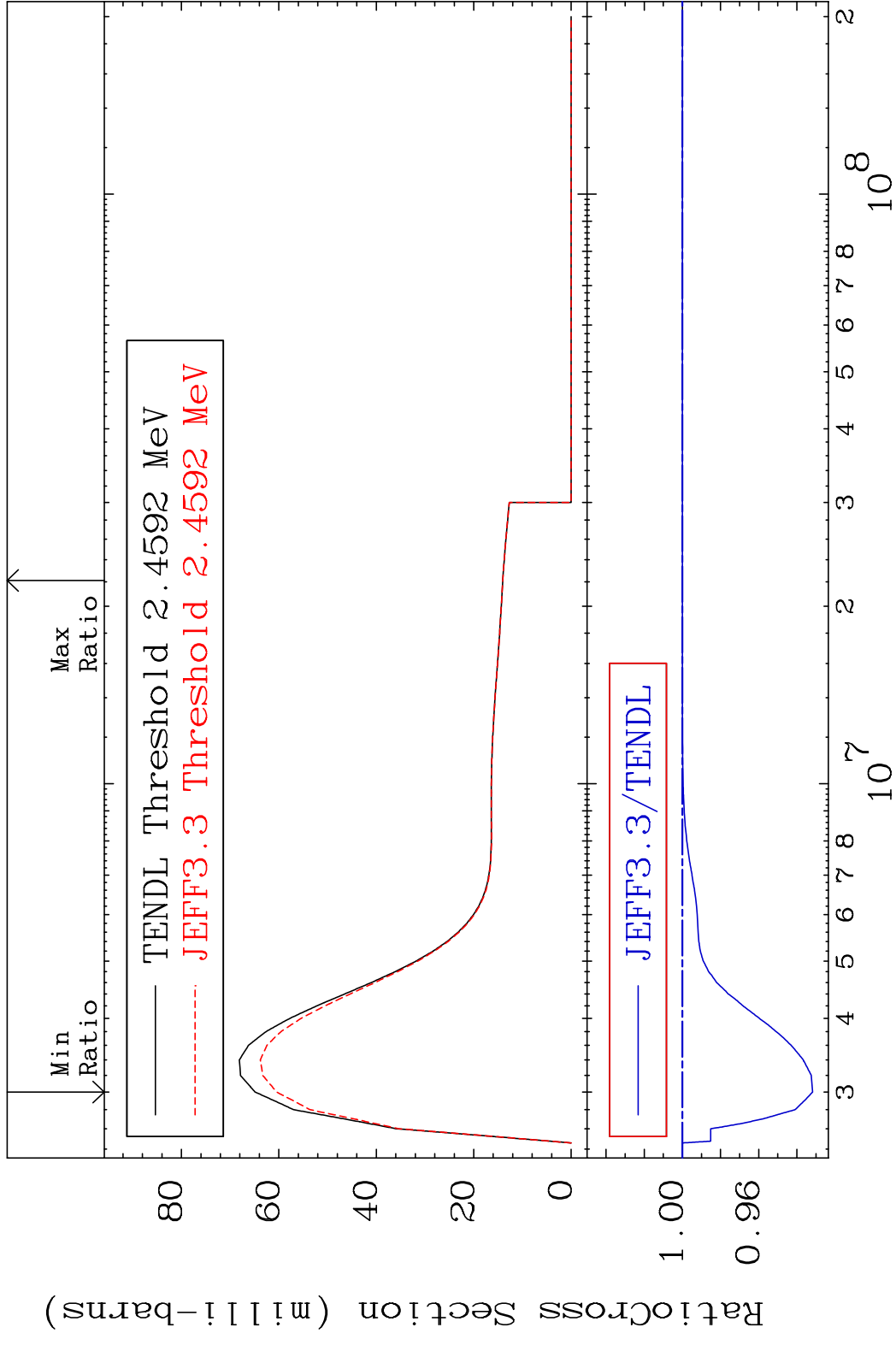


MAT 5249

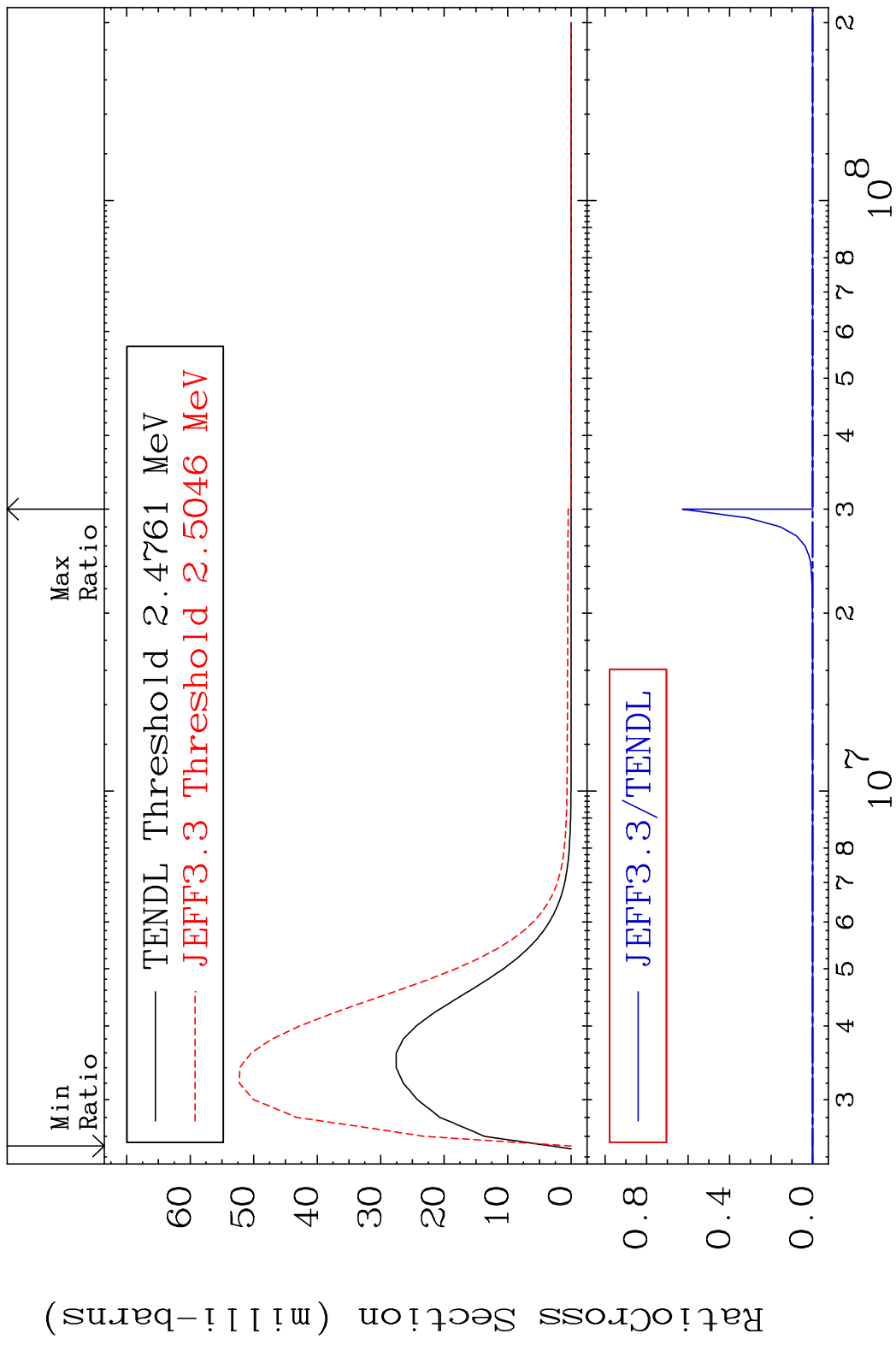
MT= 70 (n, n') Level

52-Te-128

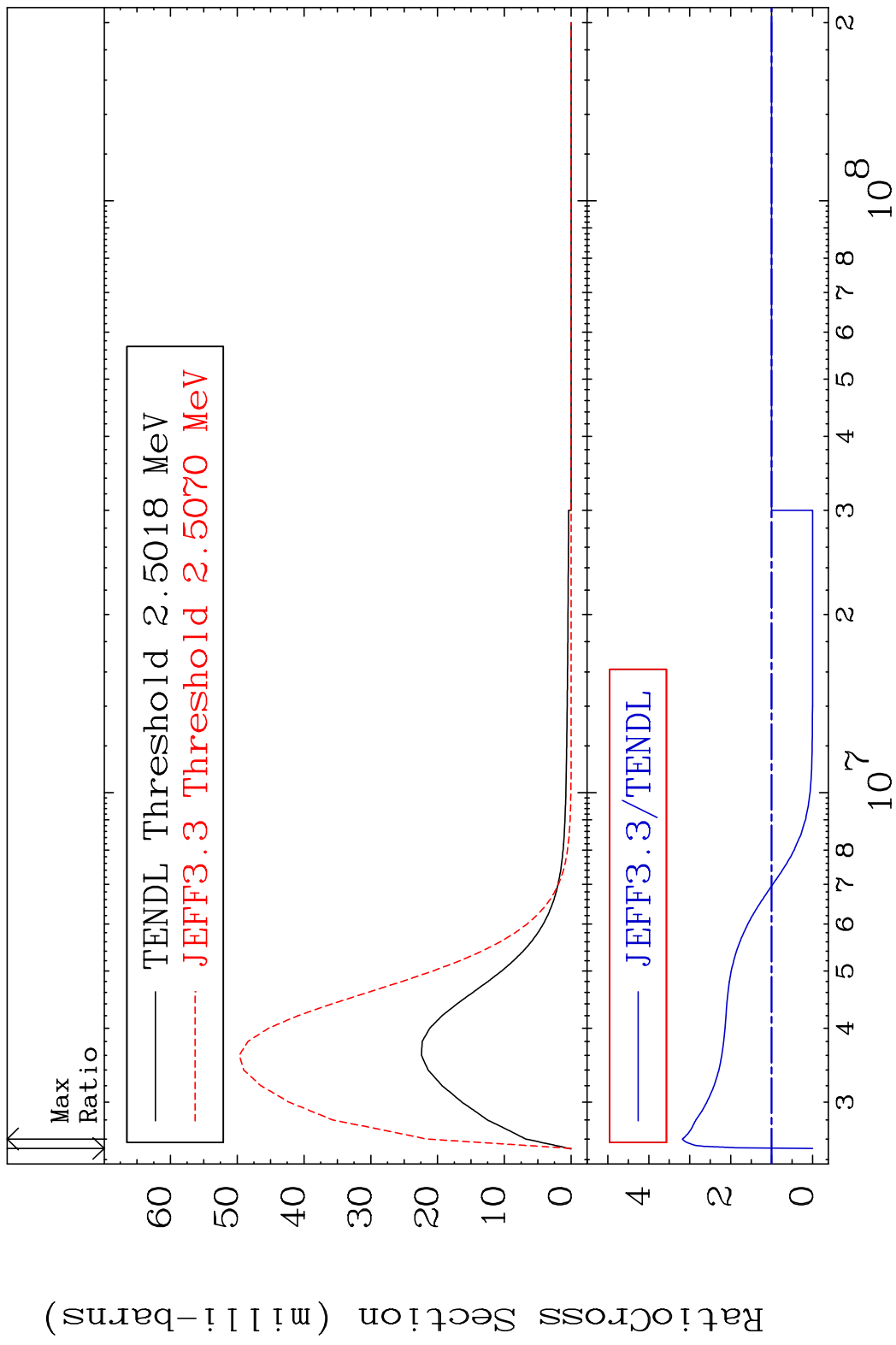
Cross Section -6.824 To 0.000 %



MAT 5249 MT= 71 (n, n') Level 52-Te-128  
 Cross Section -100.0 To 9999. %

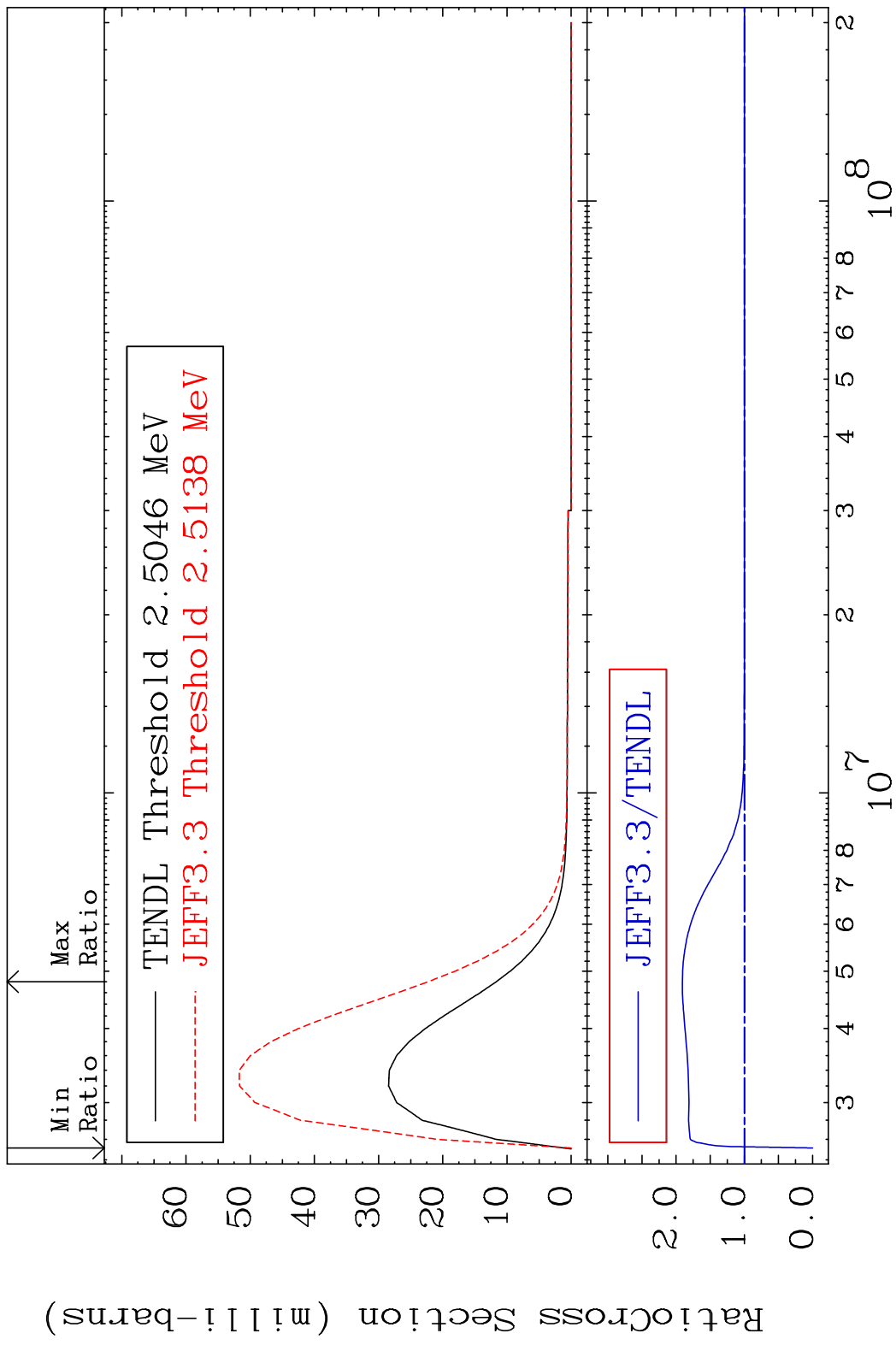


MAT 5249 MT= 72 (n, n') Level 52-Te-128  
 Cross Section -100.0 To 218.0 %



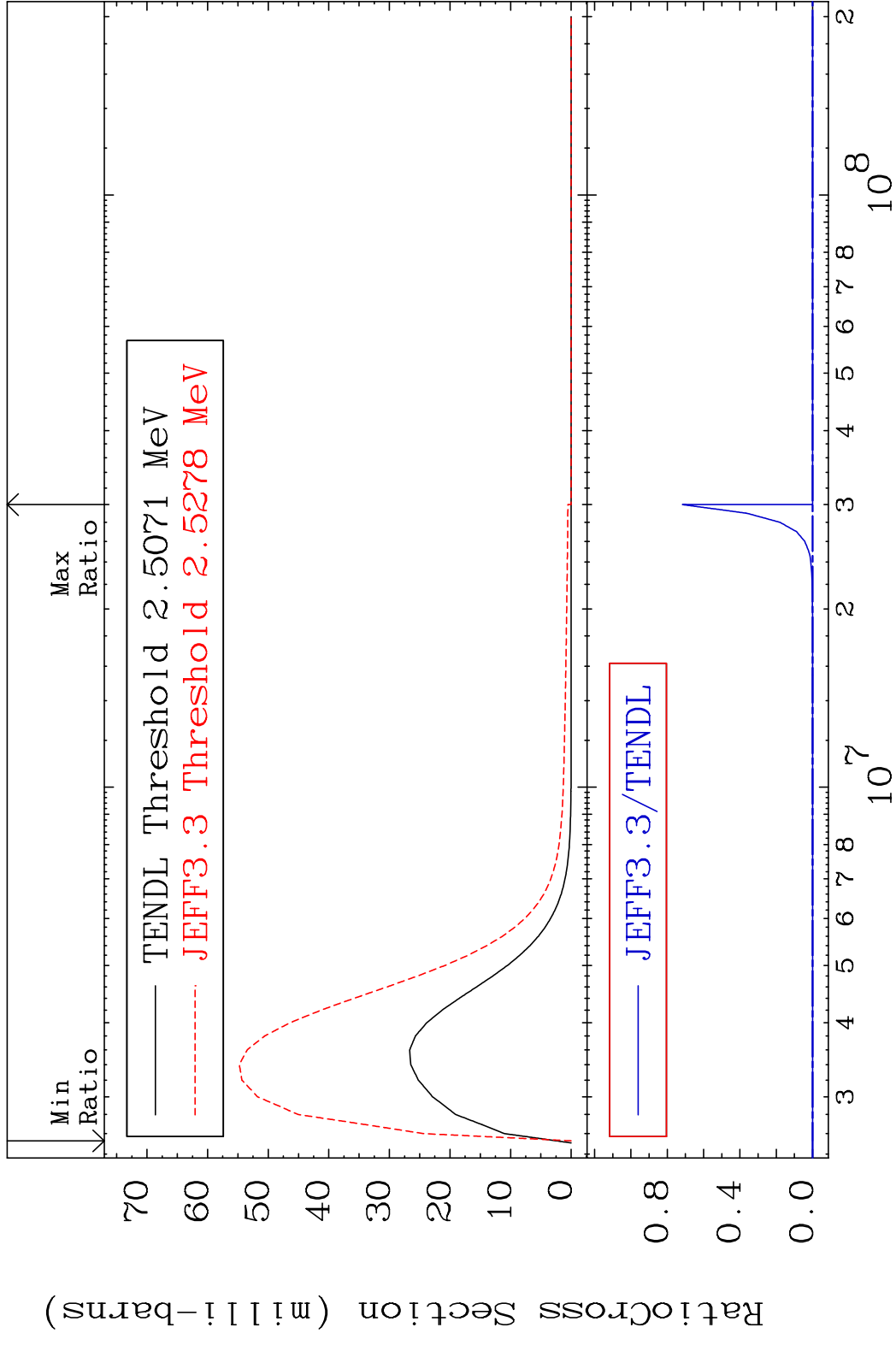


MAT 5249      MT= 73 (n, n') Level      52-Te-128  
 Cross Section    -100.0 To 90.80 %

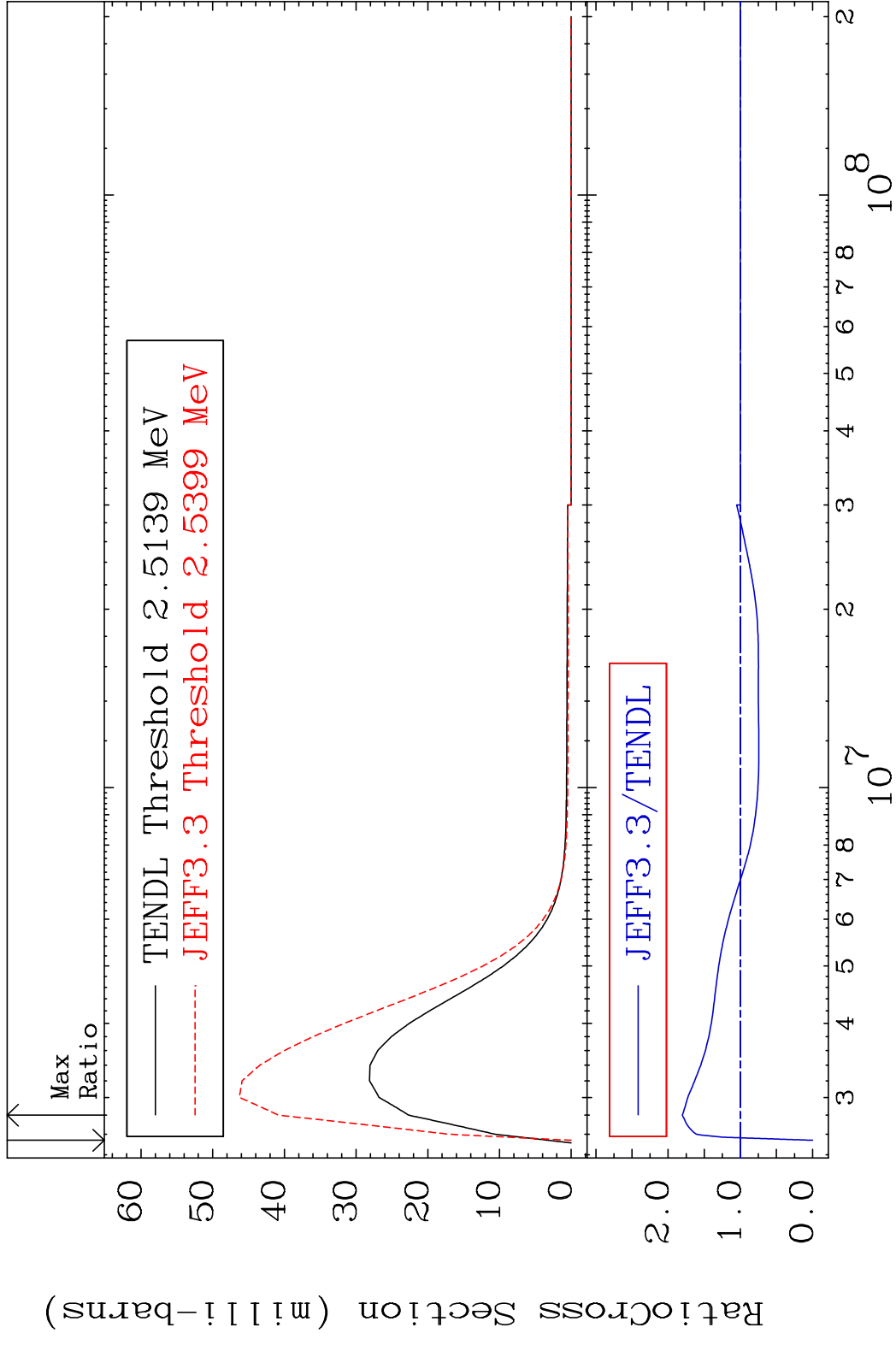


40      Incident Energy (eV)      52-Te-128

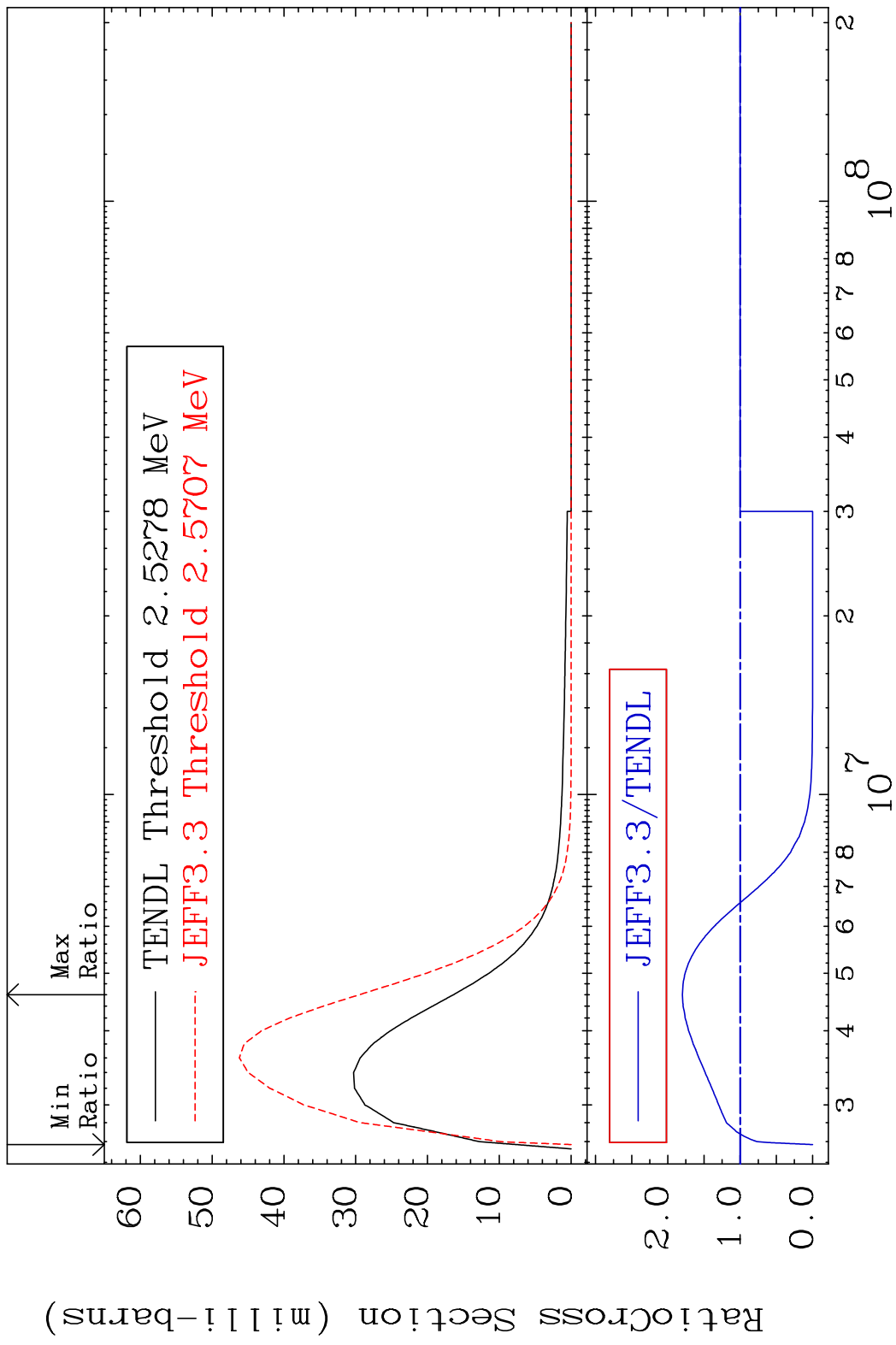
MAT 5249 MT= 74 (n, n') Level 52-Te-128  
 Cross Section -100.0 To 9999. %



MAT 5249 MT= 75 (n, n') Level 52-Te-128  
 Cross Section -100.0 To 80.26 %

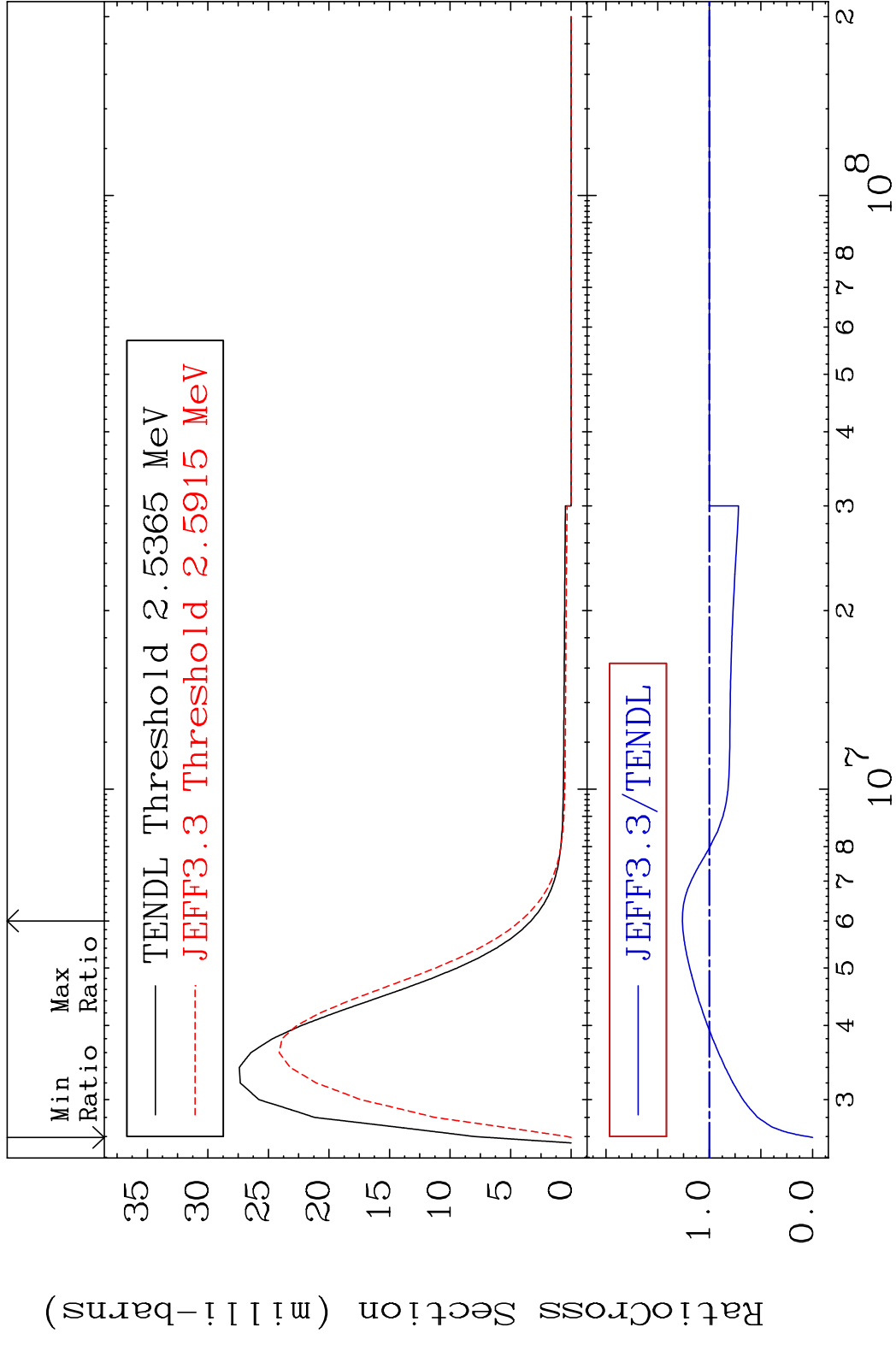


MAT 5249      MT= 76 (n,n') Level      52-Te-128  
 Cross Section    -100.0 To 79.93 %

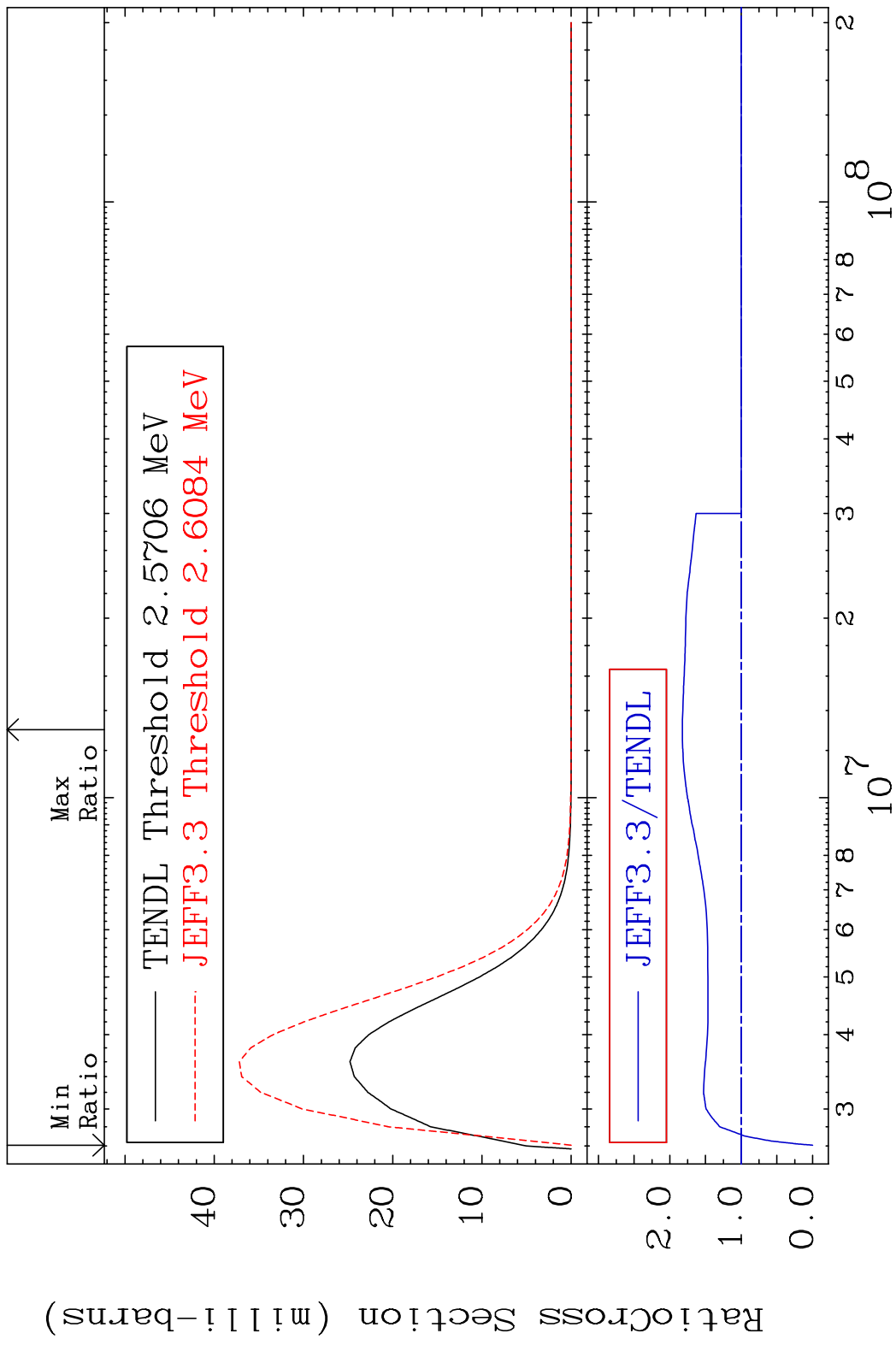


43      Incident Energy (eV)      52-Te-128

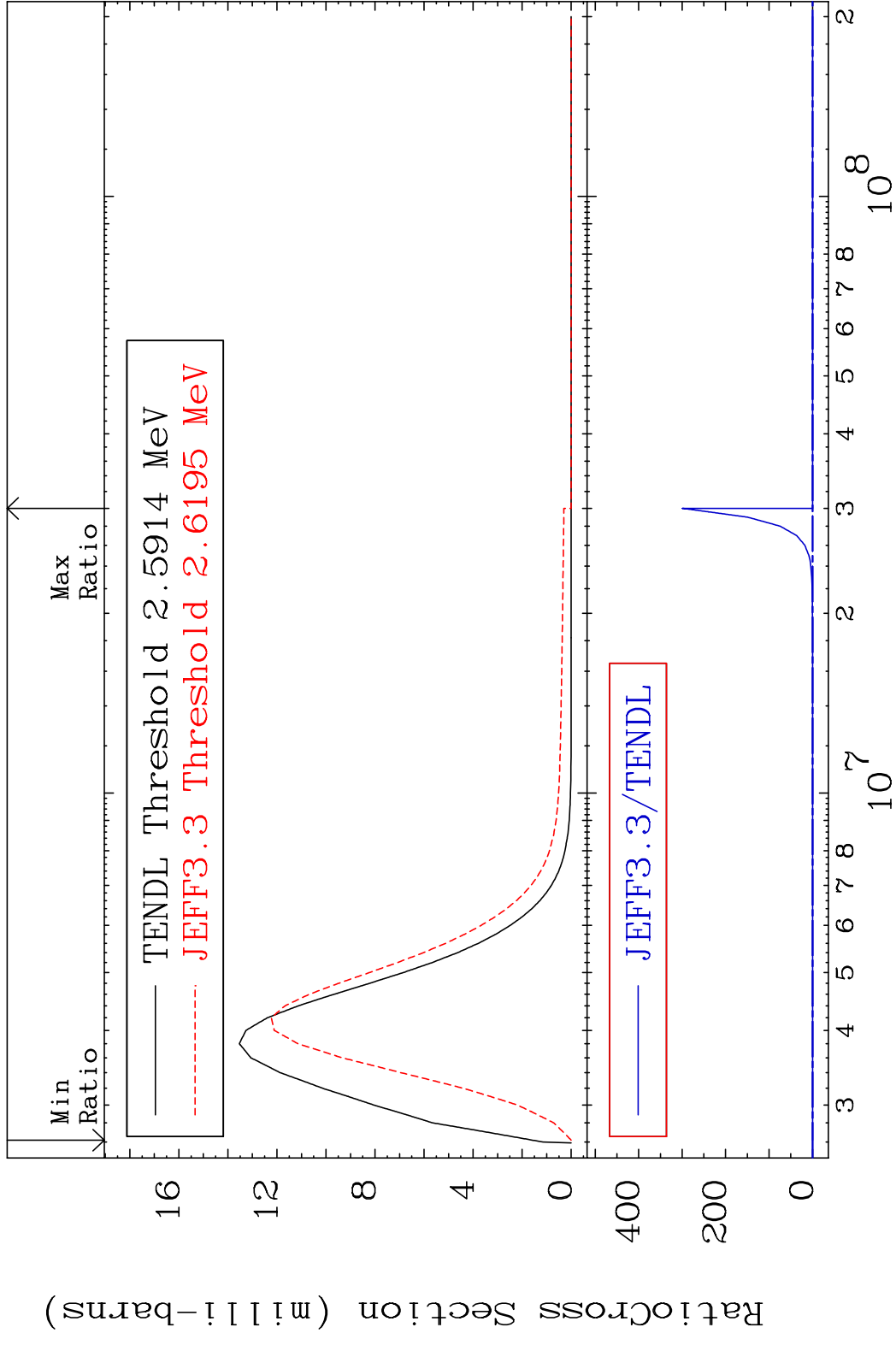
MAT 5249      MT= 77 (n,n') Level      52-Te-128  
 Cross Section    -100.0 To 26.08 %



MAT 5249 MT= 78 (n, n') Level 52-Te-128  
 Cross Section -100.0 To 82.44 %



MAT 5249 MT= 79 (n, n') Level 52-Te-128  
 Cross Section -100.0 To 9999. %

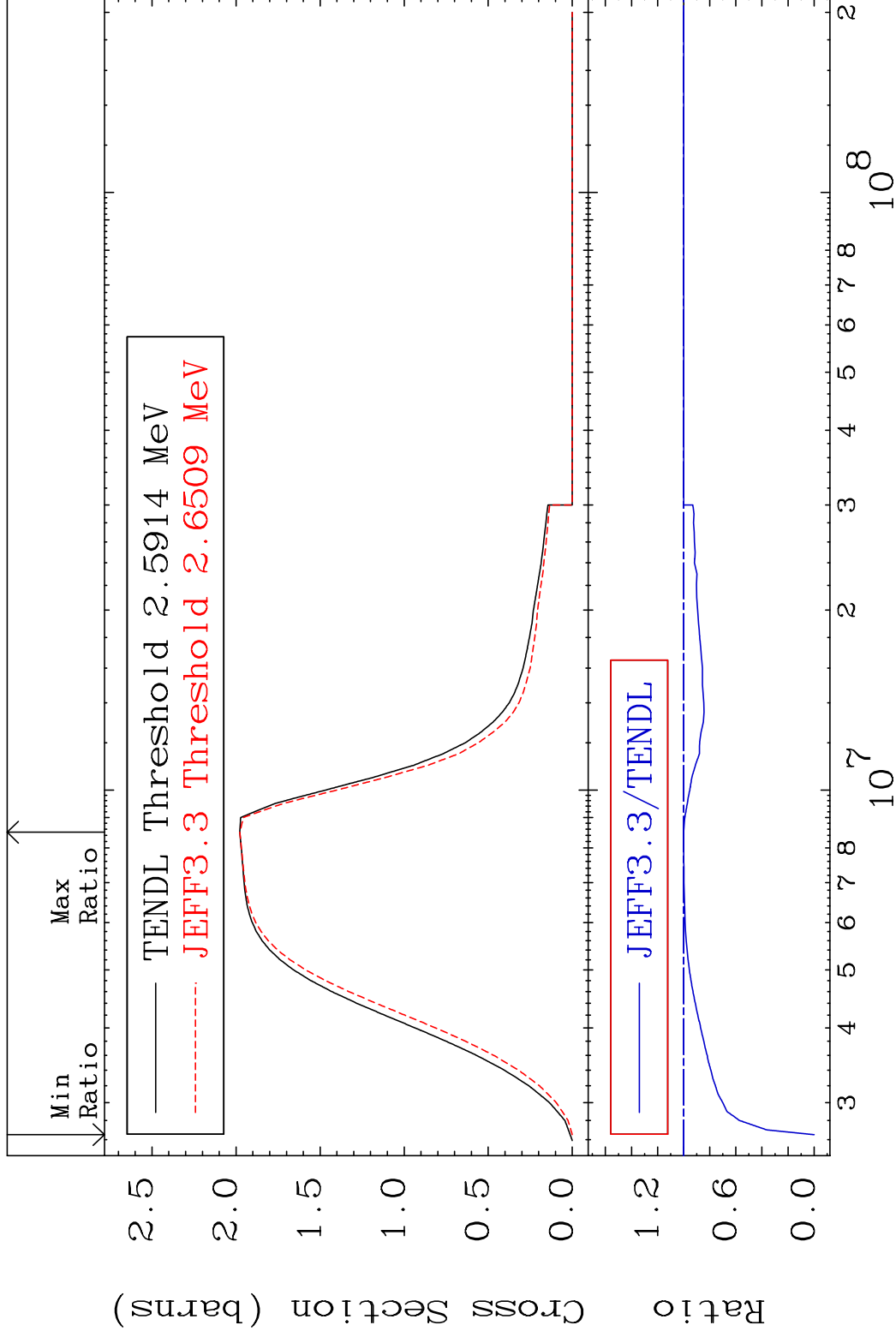


MAT 5249

(n, n') Continuum

52-Te-128

Cross Section -100.0 To 0.015 %



47

Incident Energy (eV)

52-Te-128

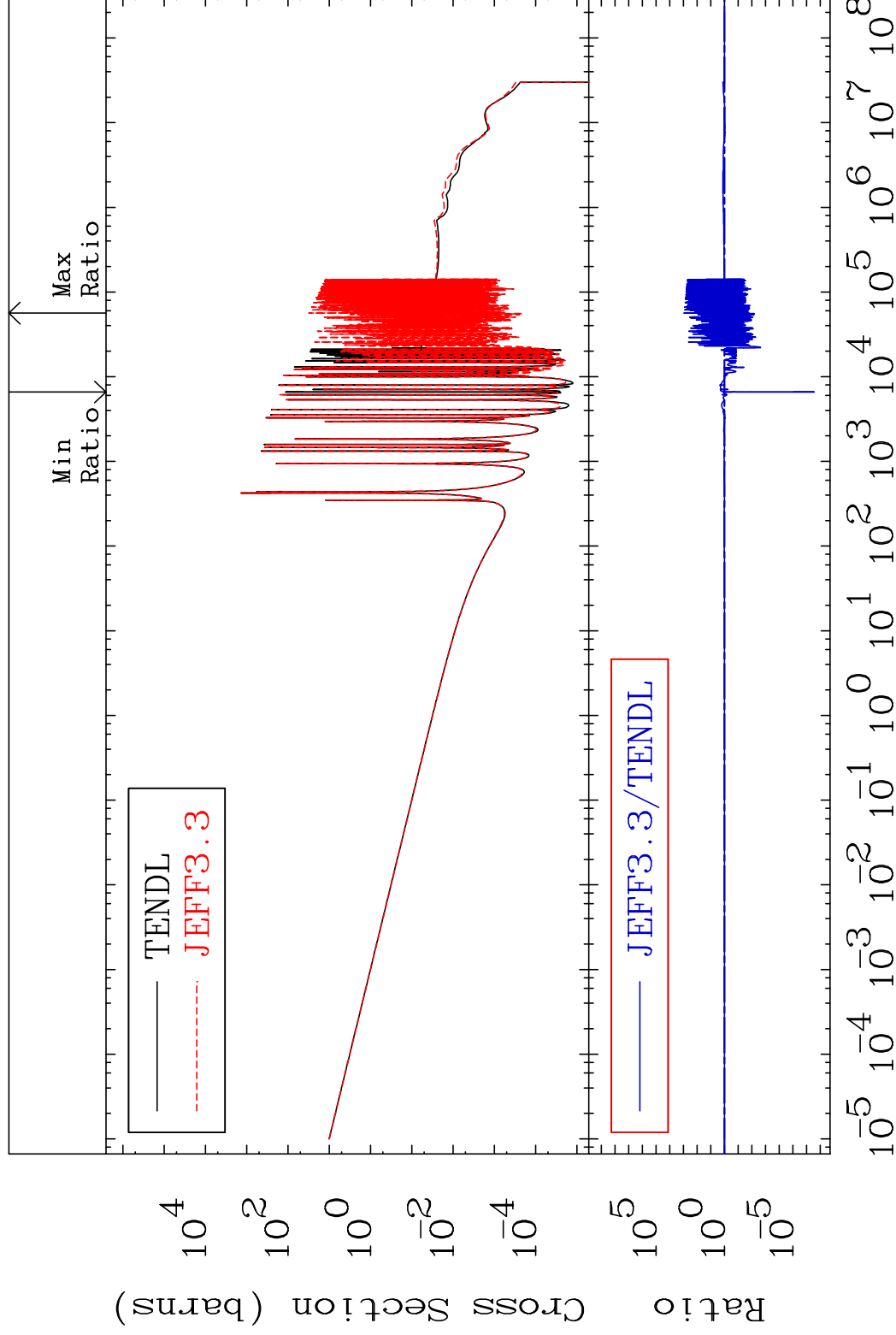


MAT 5249

(n,  $\gamma$ )

52-Te-128

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

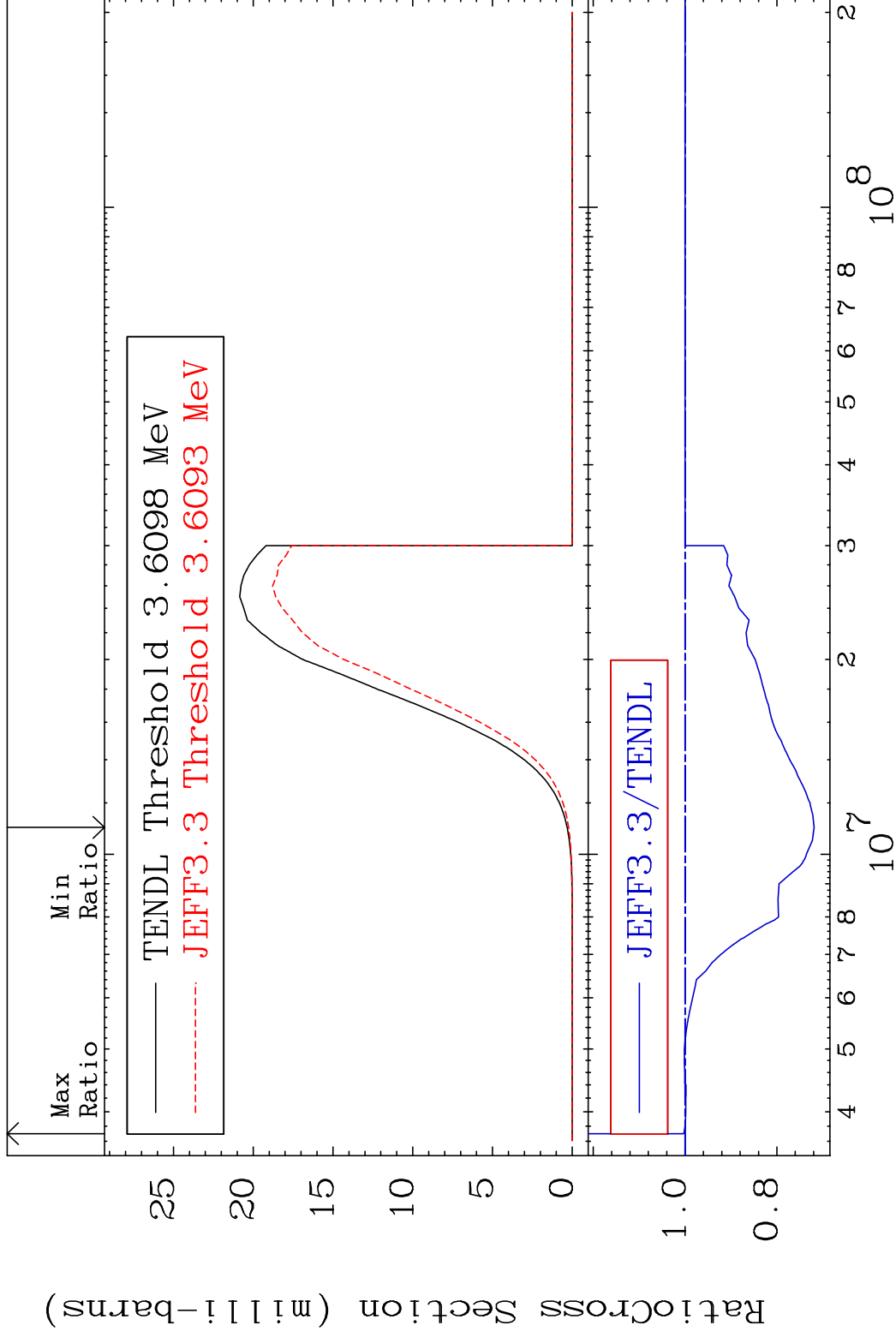
52-Te-128

MAT 5249

(n,p)

52-Te-128

Cross Section -28.11 To 0.309 %



49

Incident Energy (eV)

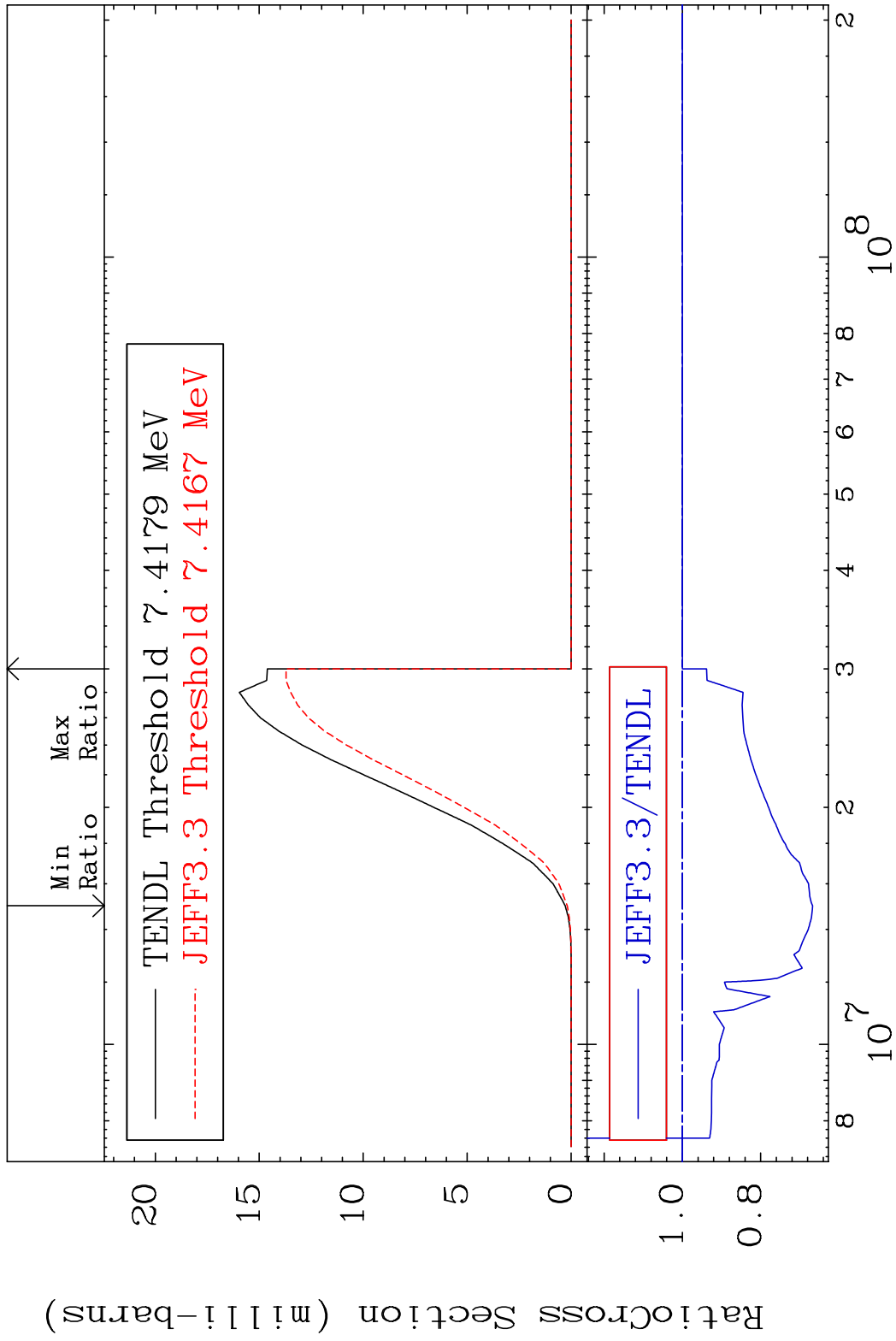
52-Te-128

MAT 5249

(n,d)

52-Te-128

Cross Section -33.26 To 0.000 %



50

Incident Energy (eV)

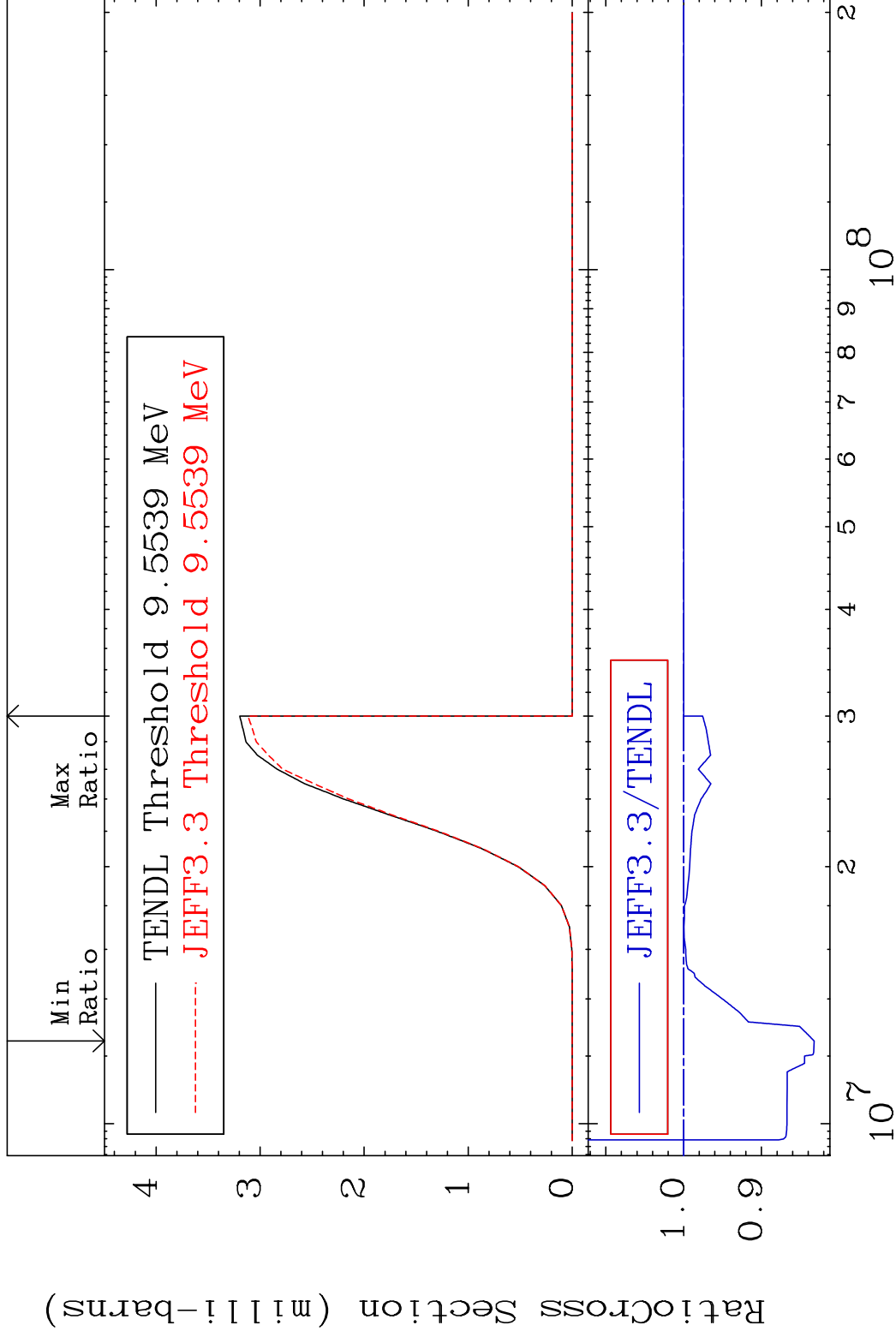
52-Te-128

MAT 5249

(n, t)

52-Te-128

Cross Section -16.76 To 0.000 %



51

Incident Energy (eV)

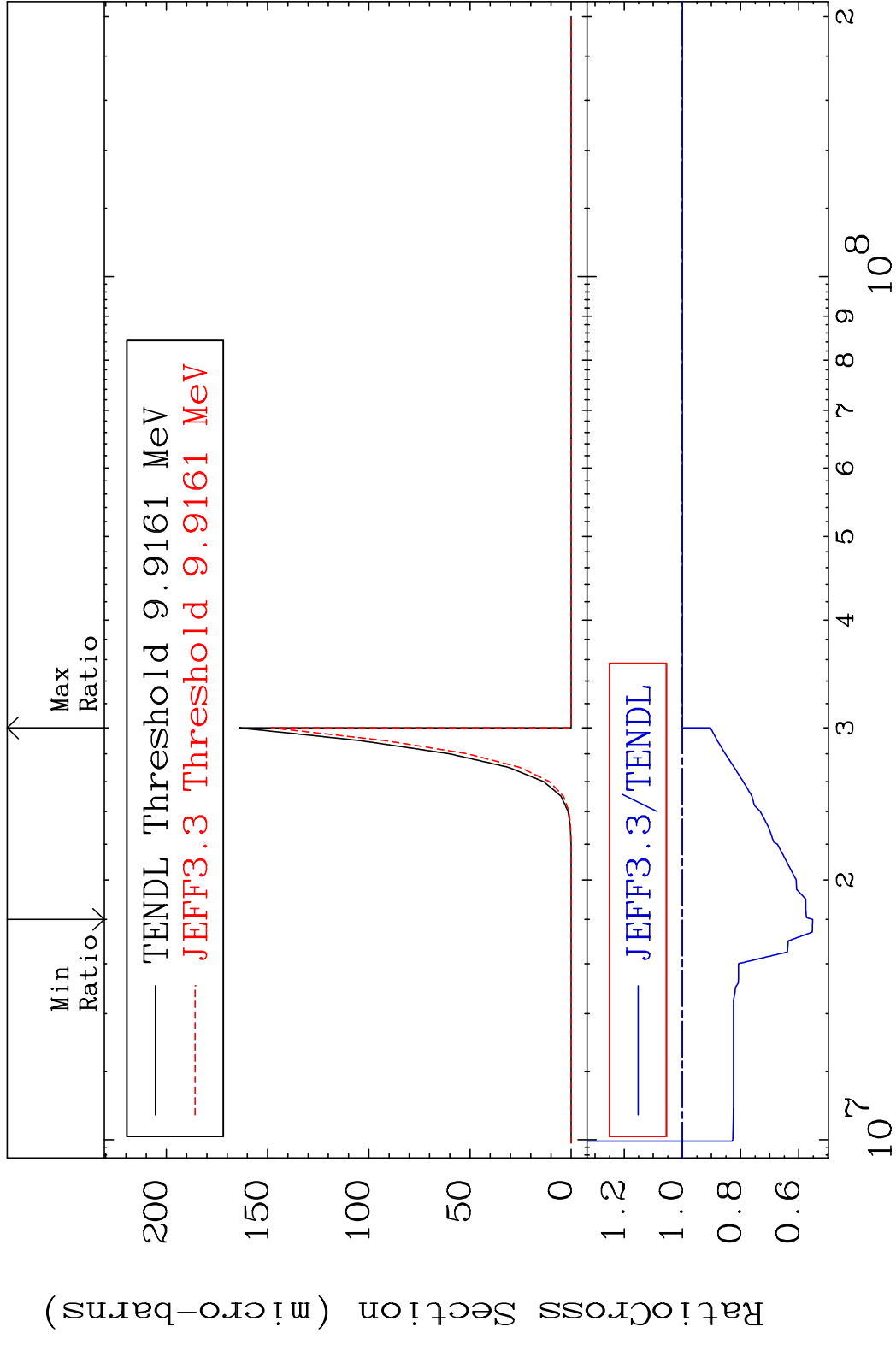
52-Te-128

MAT 5249

(n, He-3)

52-Te-128

Cross Section -44.73 To 0.000 %



52

Incident Energy (eV)

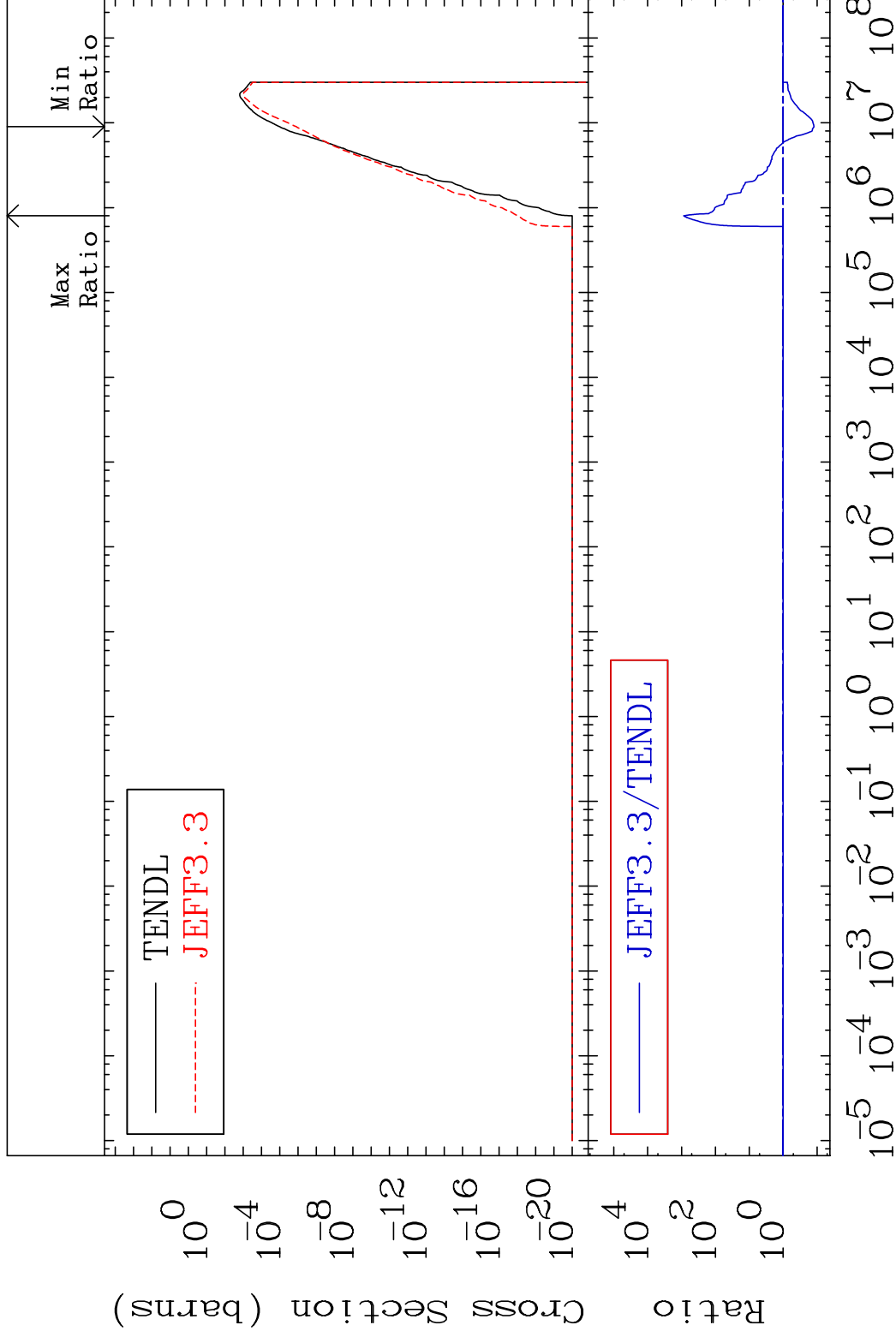
52-Te-128

MAT 5249

(n,  $\alpha$ )

52-Te-128

Cross Section -87.78 To 9999. %



53

Incident Energy (eV)

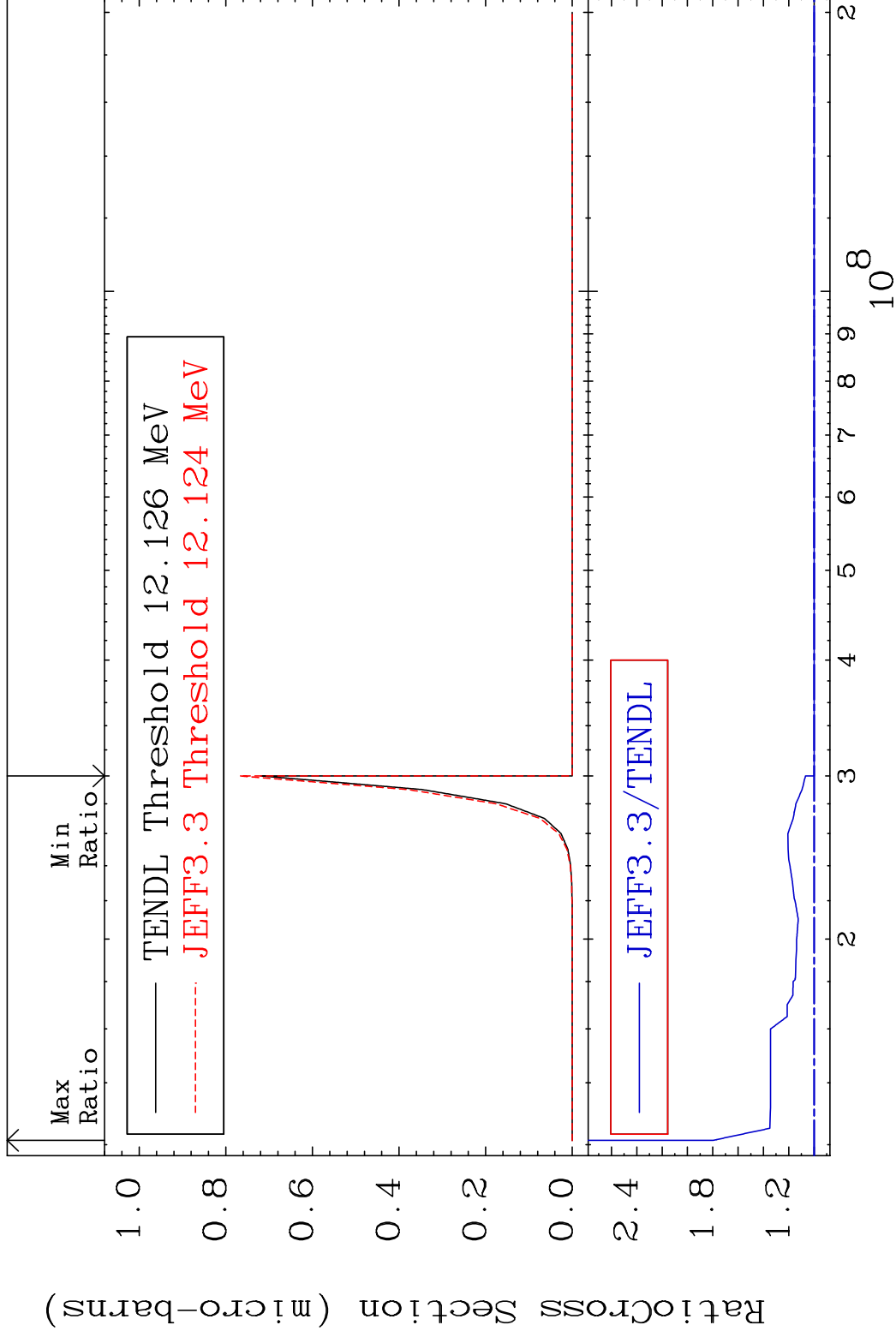
52-Te-128

MAT 5249

(n,2p)

52-Te-128

Cross Section 0.000 To 103.0 %

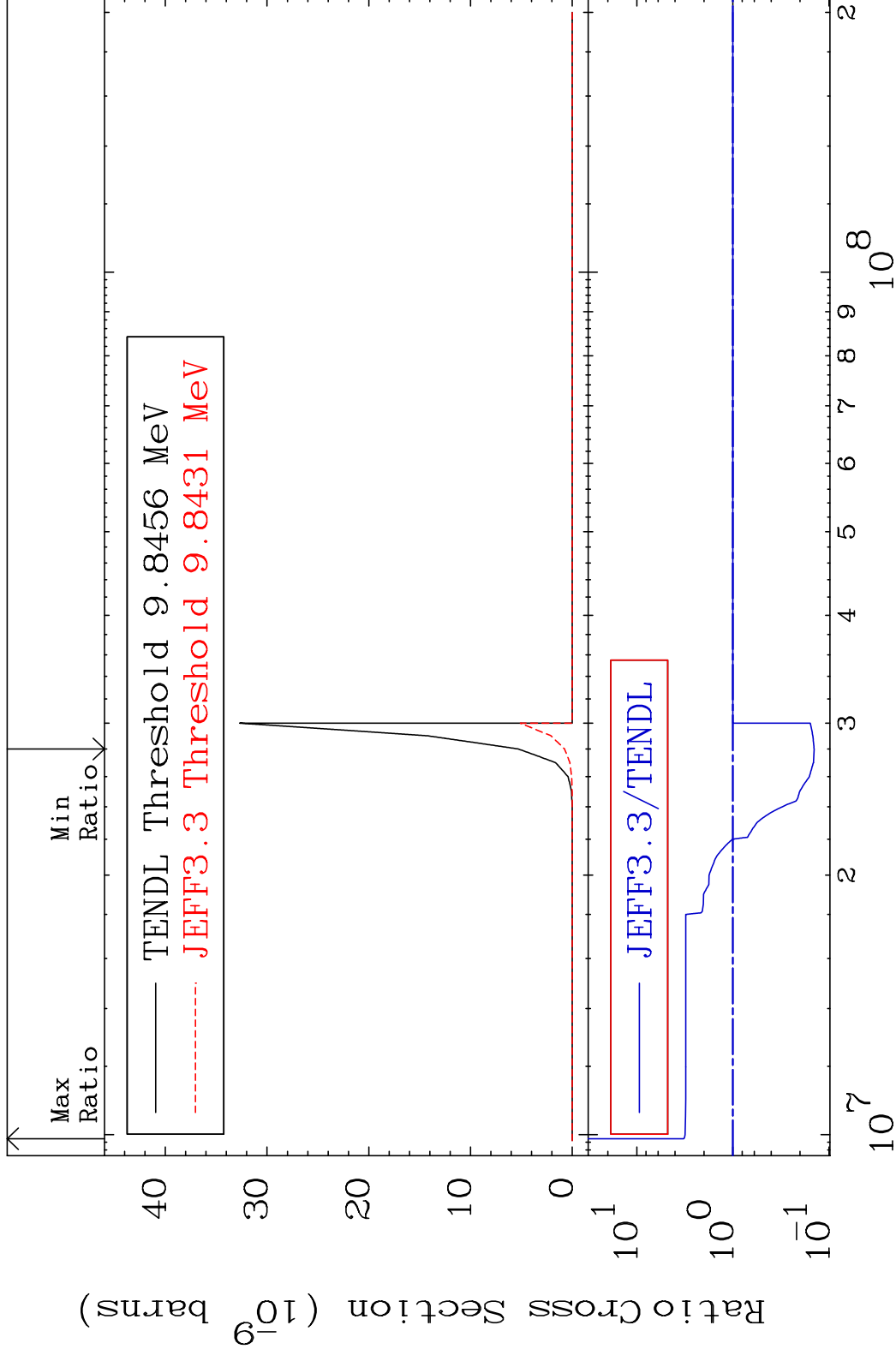


MAT 5249

(n,p)  $\alpha$

52-Te-128

Cross Section -85.72 To 225.1 %



55

Incident Energy (eV)

52-Te-128

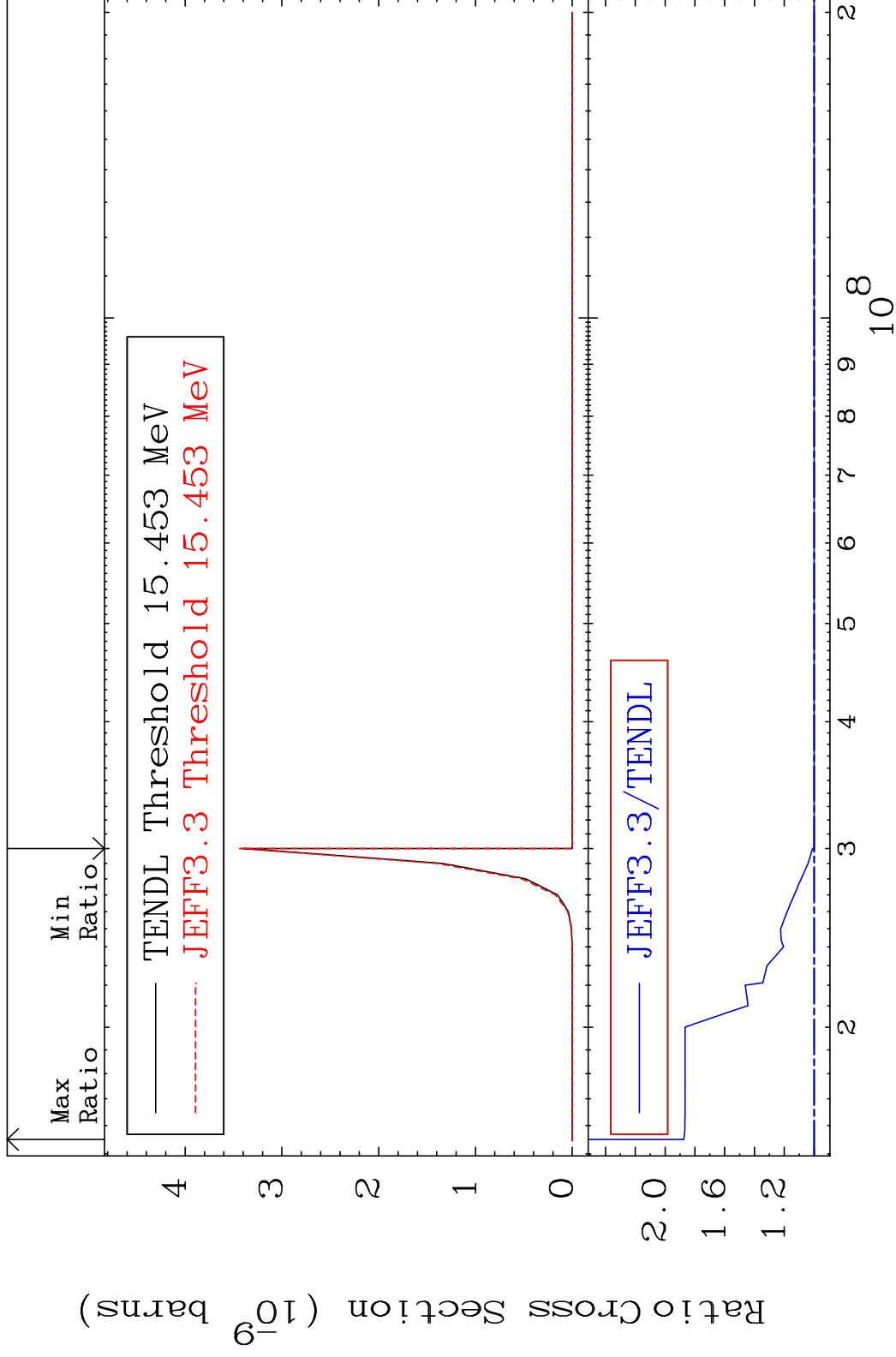


MAT 5249

(n,p) d

52-Te-128

Cross Section 0.000 To 87.53 %



56

Incident Energy (eV)

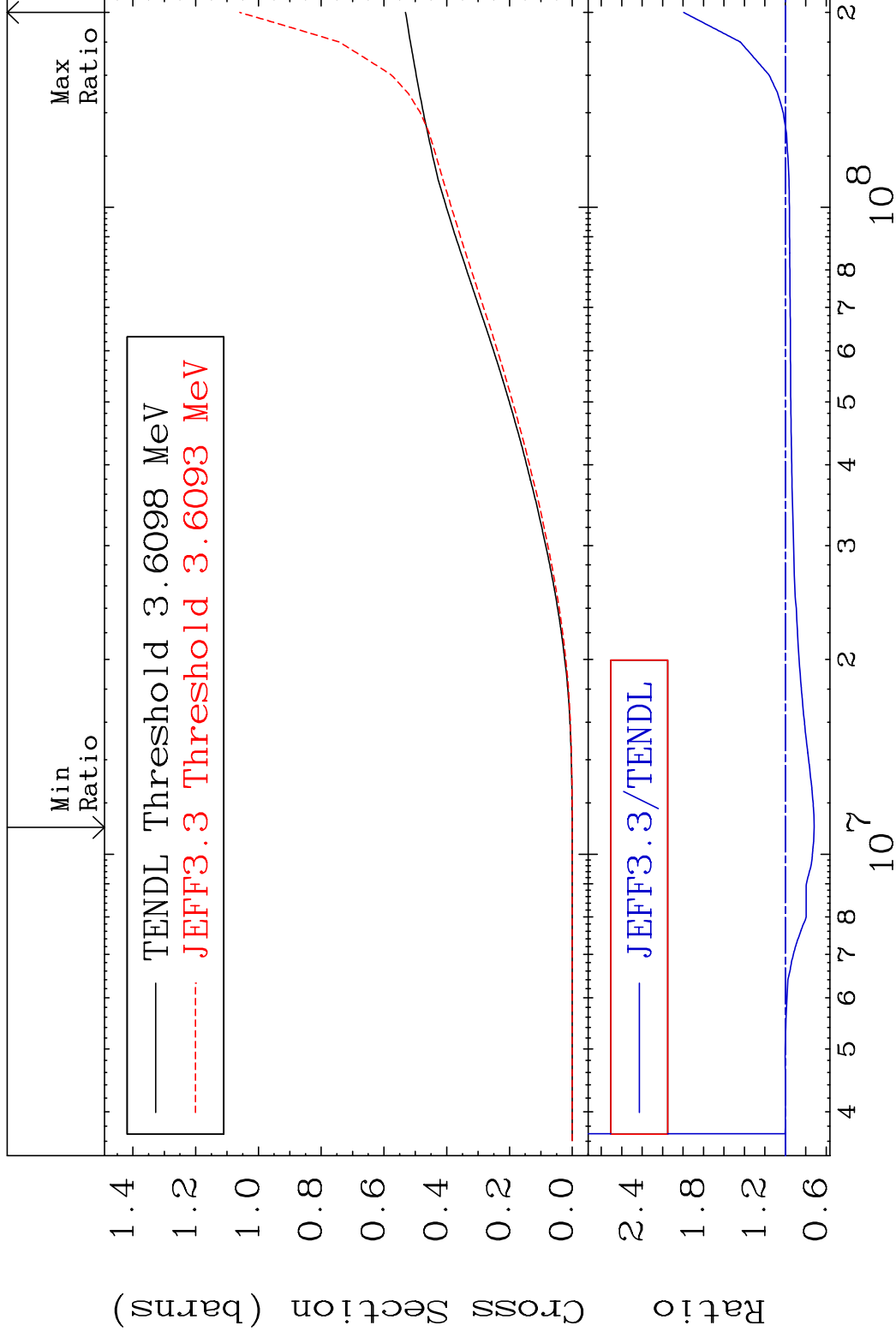
52-Te-128

MAT 5249

Hydrogen Production

52-Te-128

Cross Section -28.11 To 99.40 %



57

Incident Energy (eV)

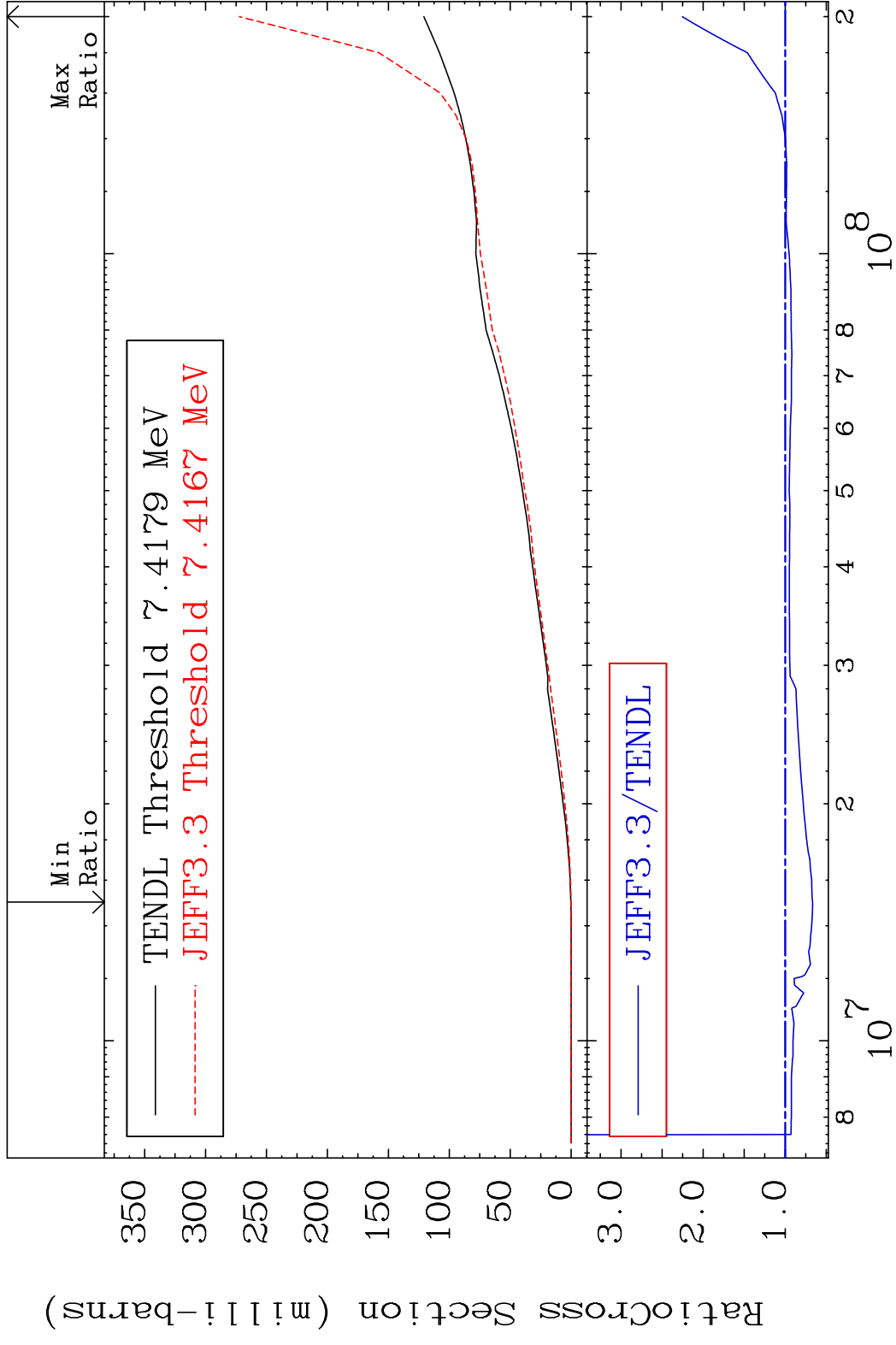
52-Te-128

MAT 5249

Deuterium Production

52-Te-128

Cross Section -33.26 To 125.2 %



58

Incident Energy (eV)

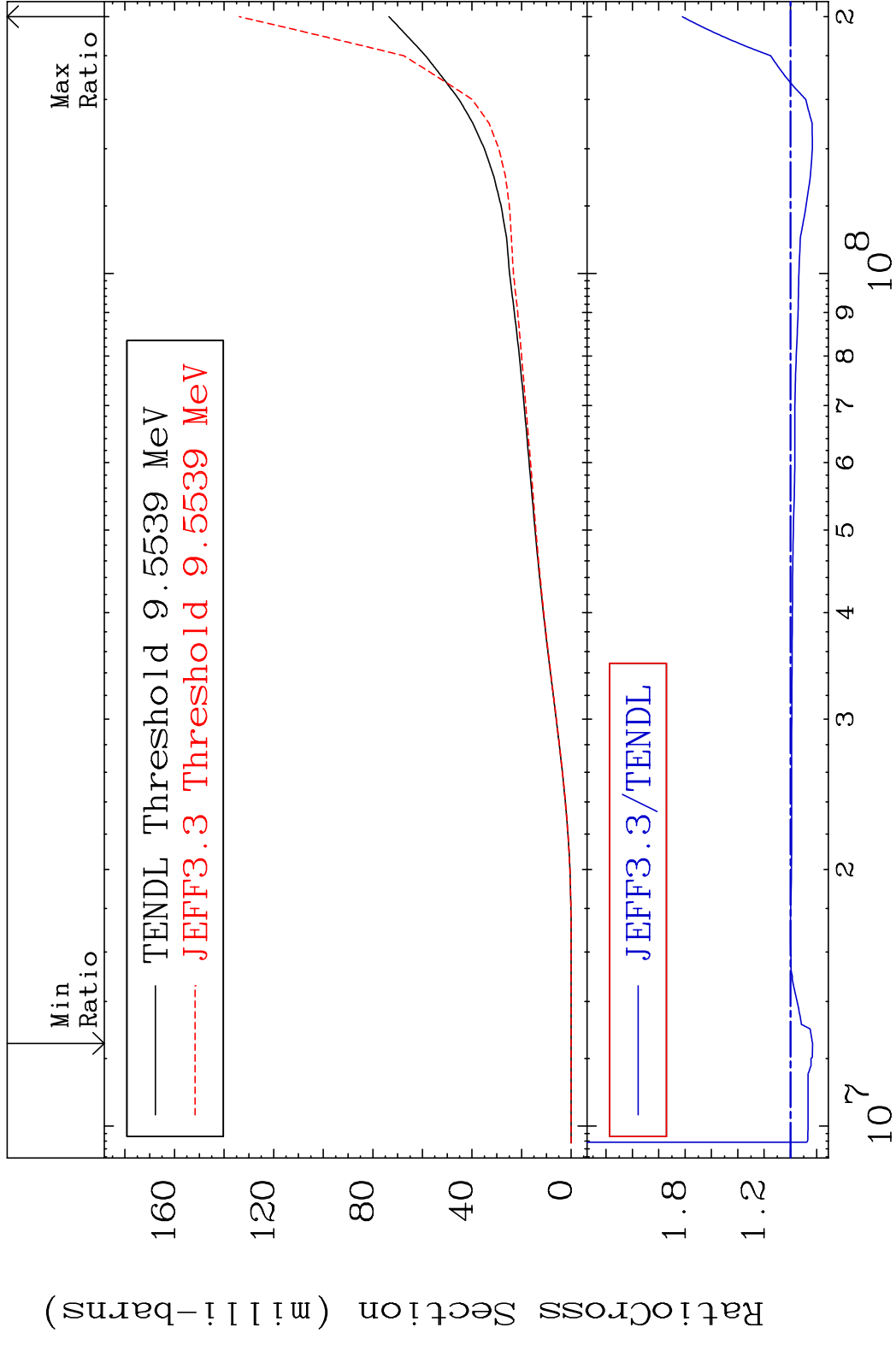
52-Te-128

MAT 5249

Tritium Production

52-Te-128

Cross Section -16.76 To 82.10 %



59

Incident Energy (eV)

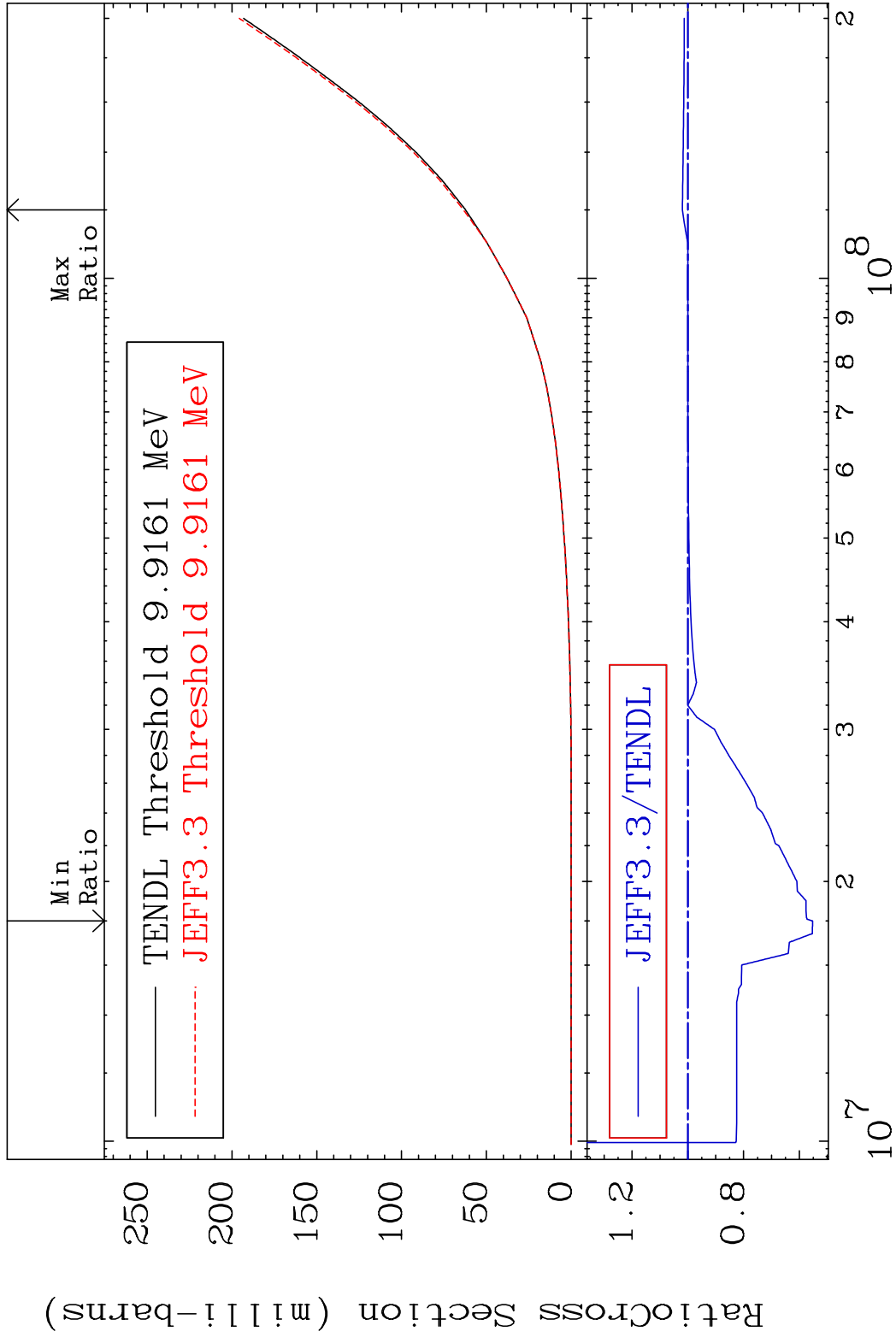
52-Te-128

MAT 5249

He-3 Production

52-Te-128

Cross Section -44.73 To 1.961 %



60

Incident Energy (eV)

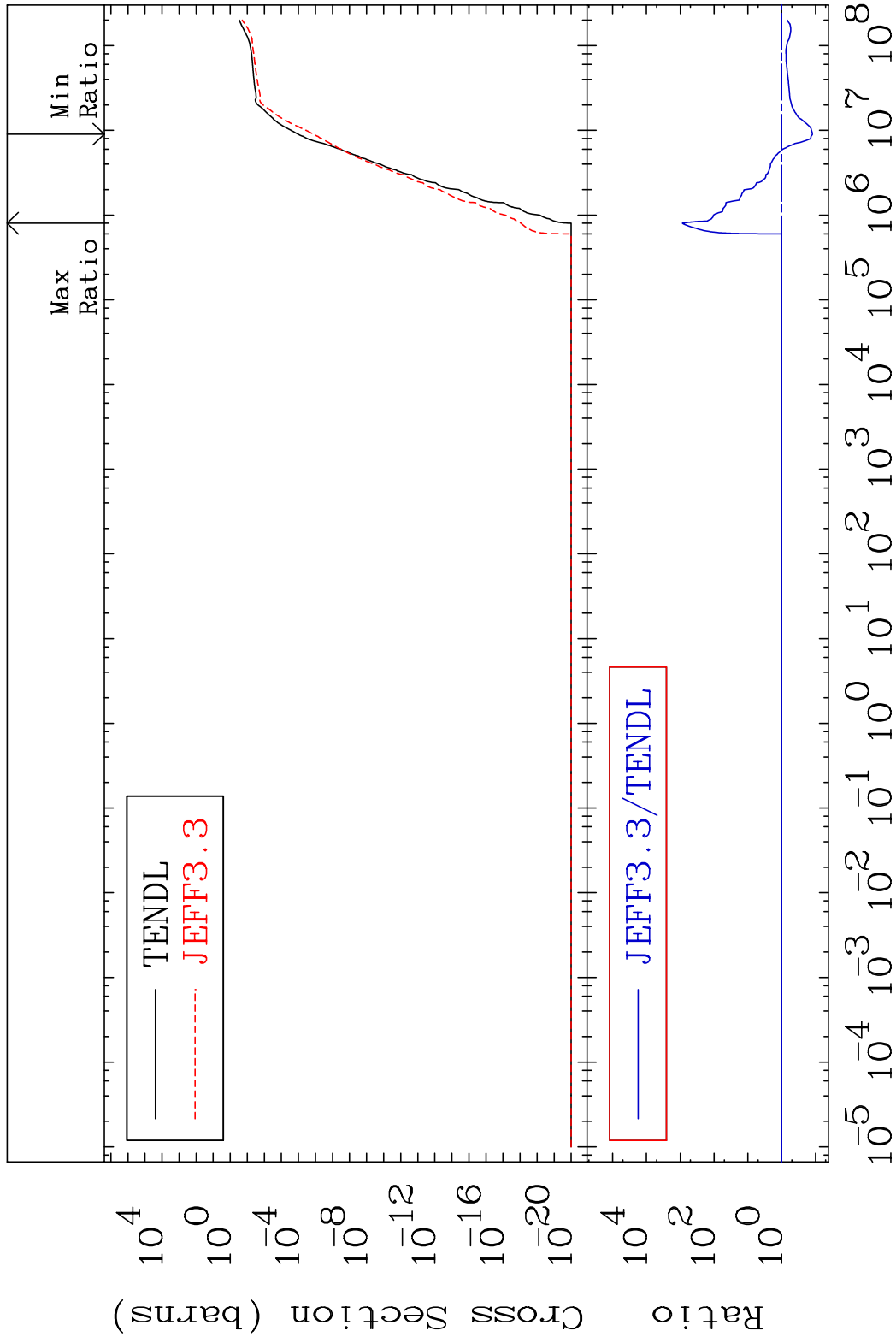
52-Te-128

MAT 5249

He-4 Production

52-Te-128

Cross Section -87.78 To 9999. %

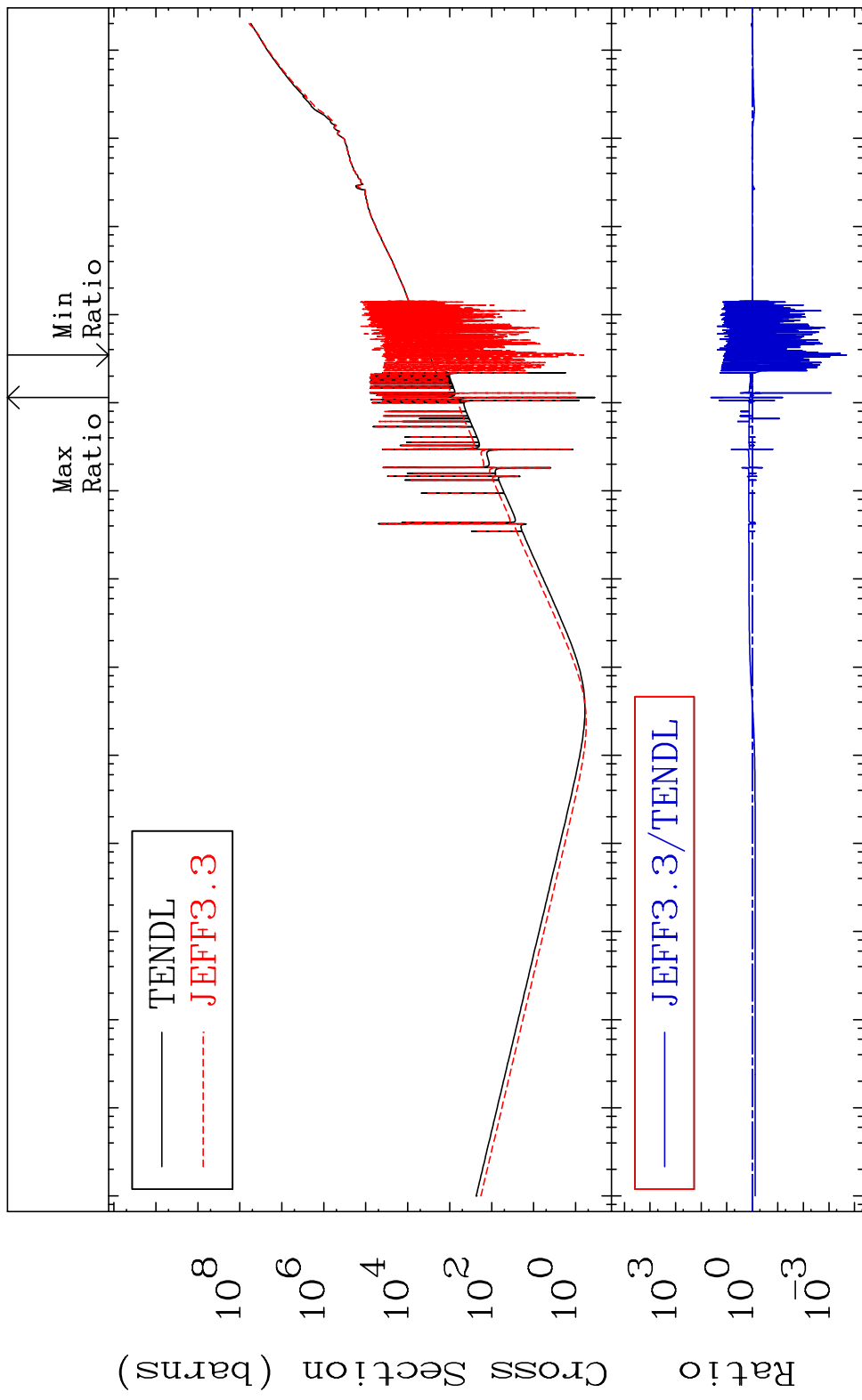


61

Incident Energy (eV)

52-Te-128

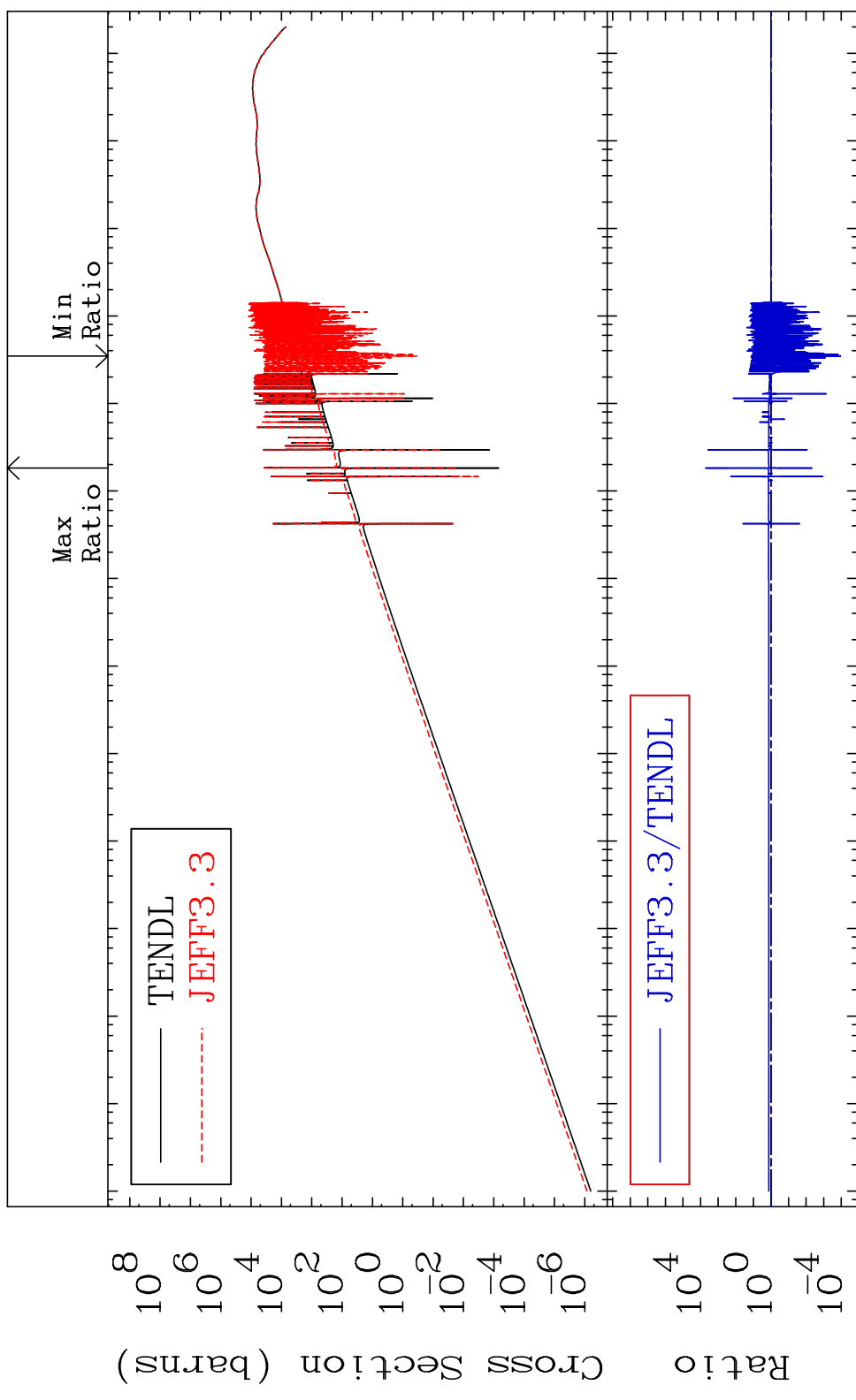
MAT 5249 Kerma total (eV-barns) 52-Te-128  
 Cross Section -99.98 To 4132. %



62 Incident Energy (eV) 52-Te-128

MAT 5249

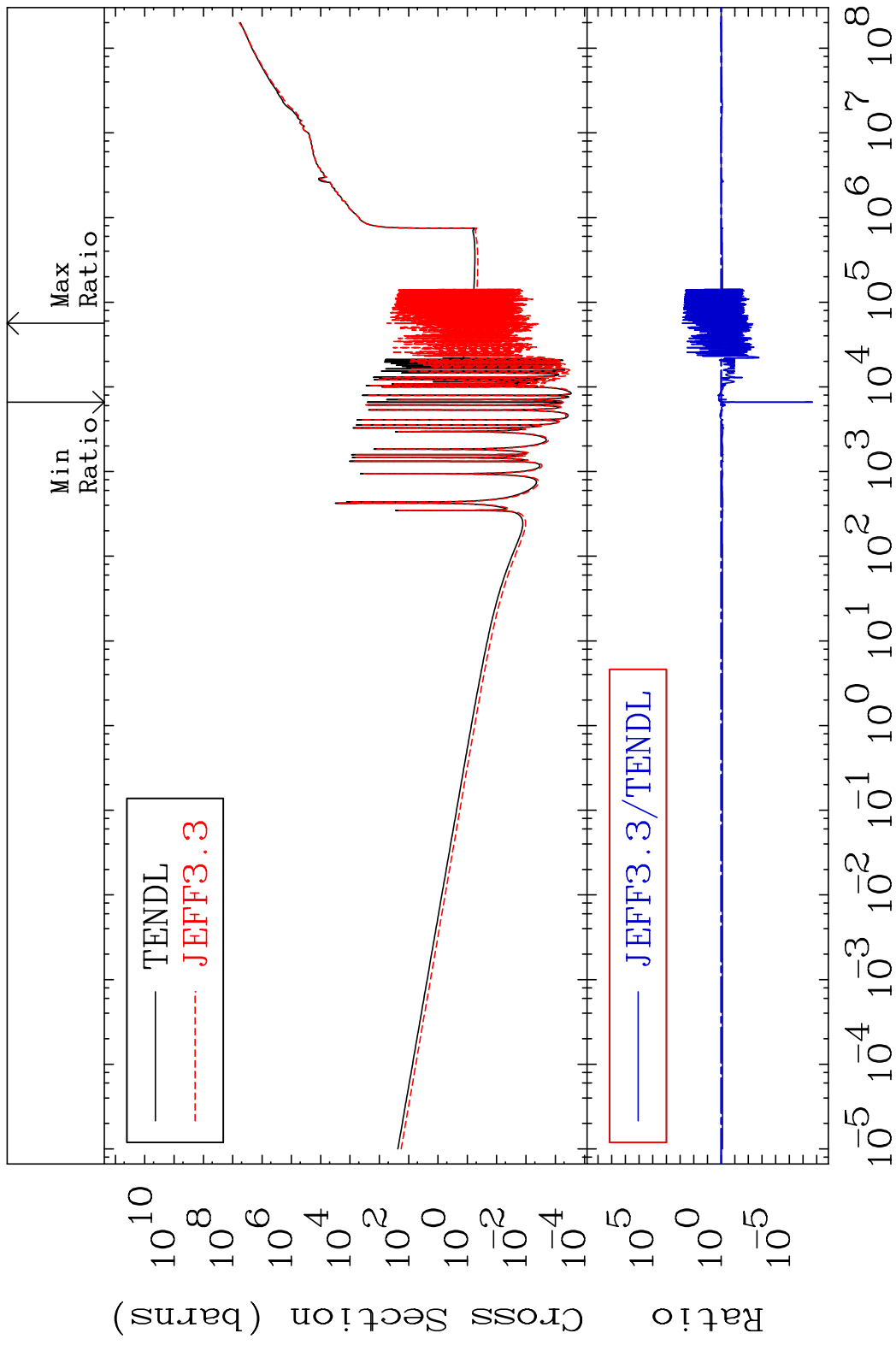
Kerma elastic Cross Section  
52-Te-128  
-99.99 To 9999. %



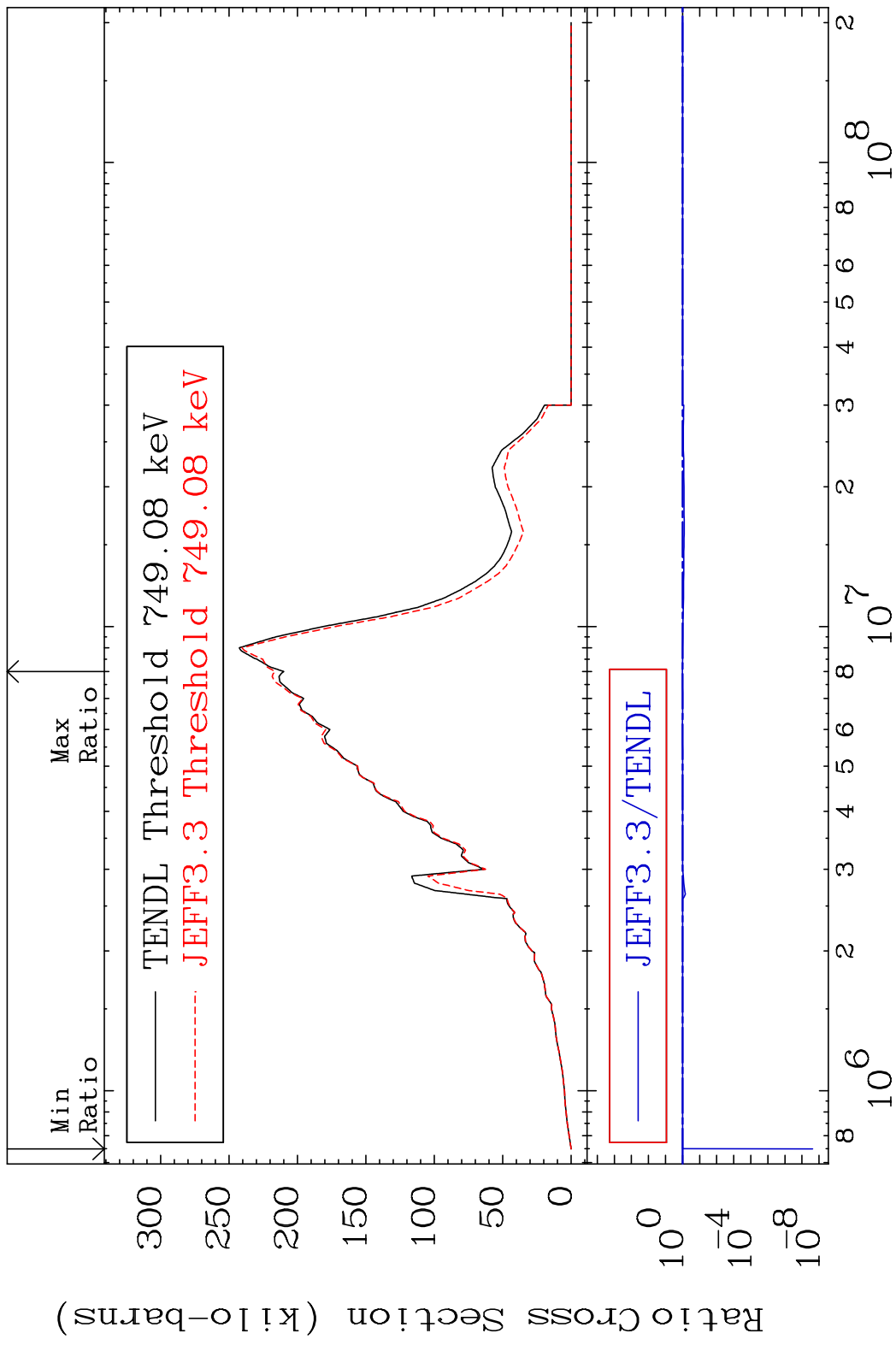
Incident Energy (eV)  
52-Te-128



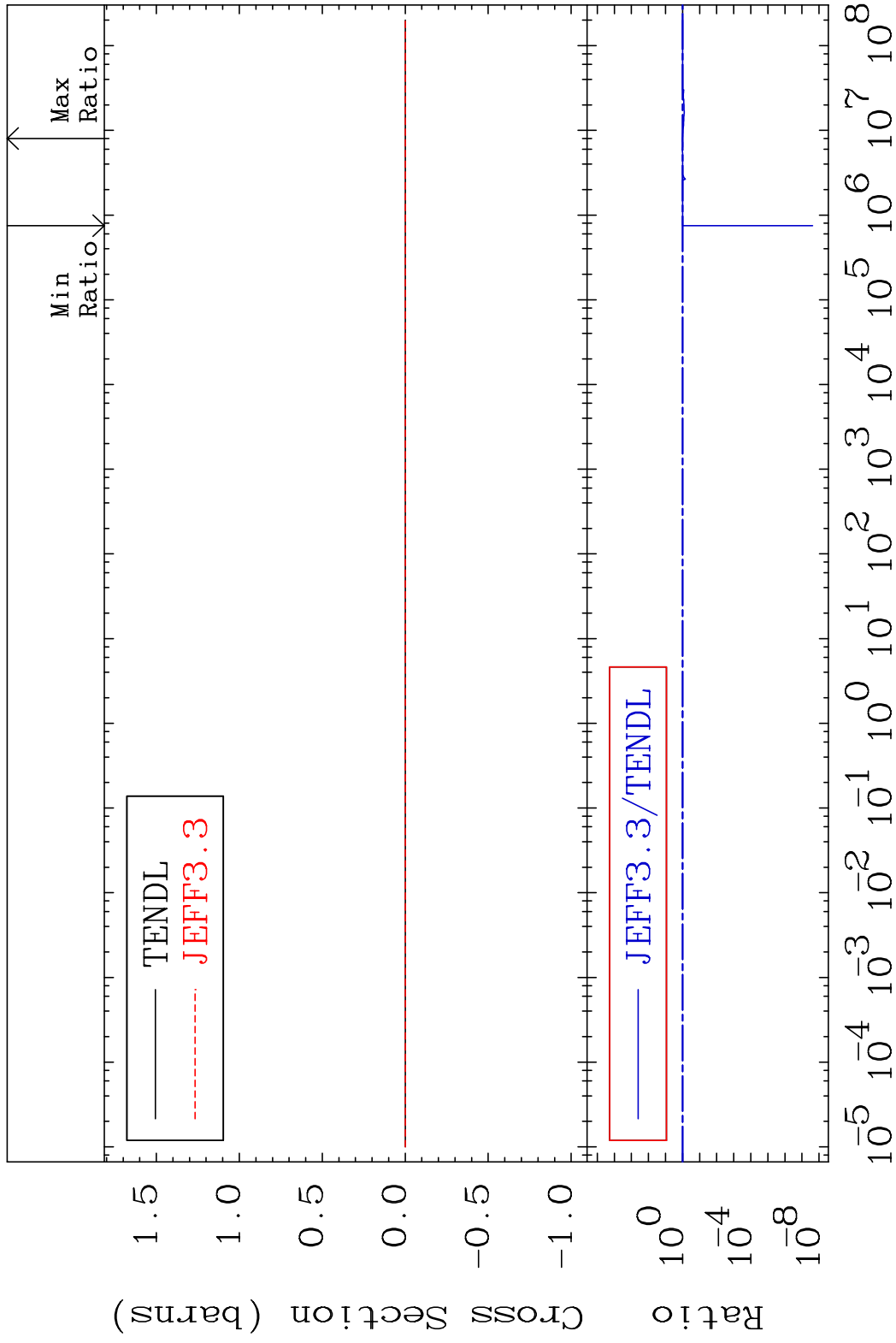
MAT 5249 Kerma non-elastic (all but mt2) 52-Te-128  
 Cross Section -100.0 To 9999. %



MAT 5249 Kerma inelastic (mt51-91) 52-Te-128  
 Cross Section -100.0 To 2.978 %



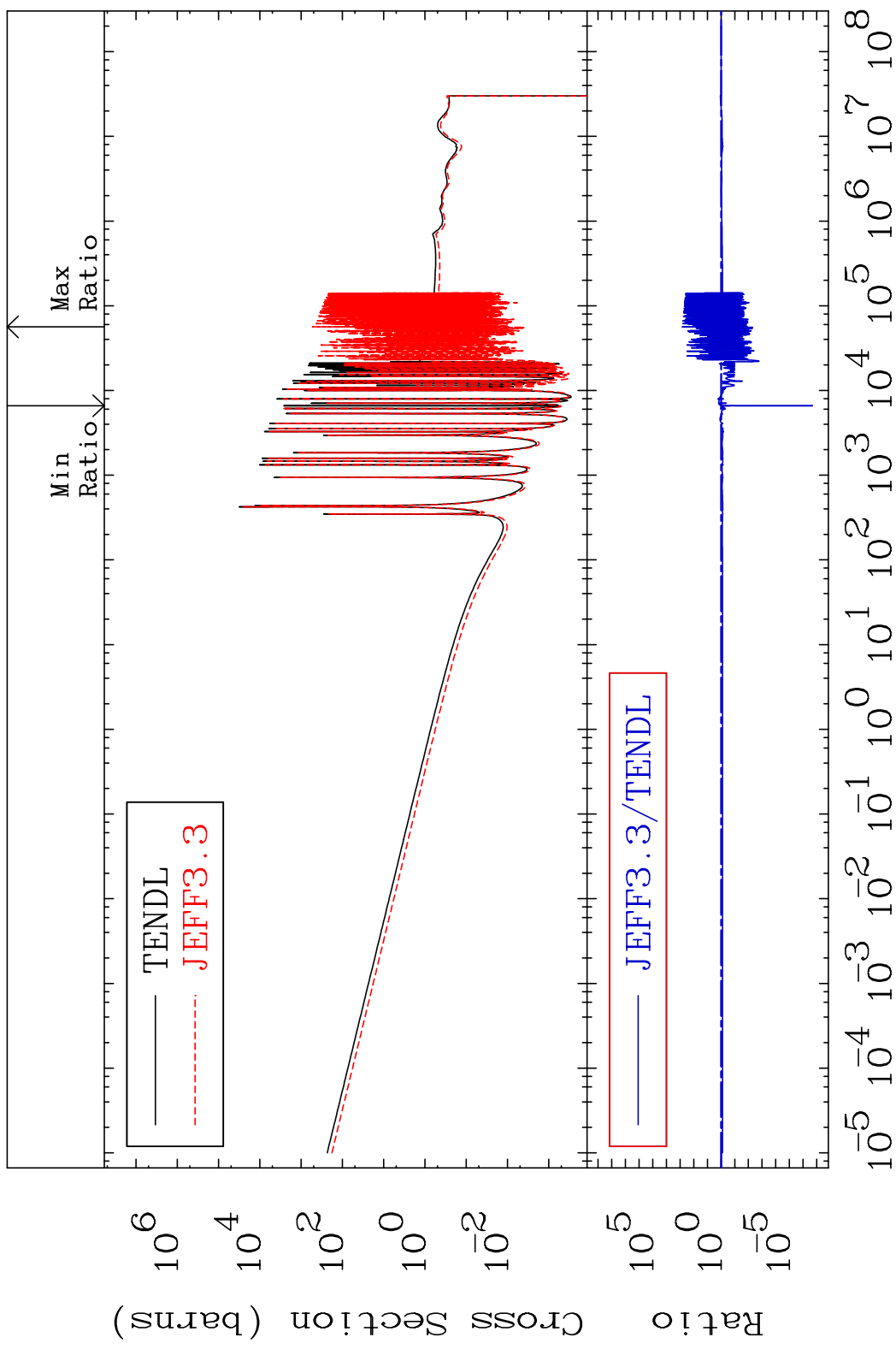
MAT 5249 Kerma fission (mt18 or mt19-20-21-38) 52-Te-128  
 Cross Section -100.0 To 2.978 %



MAT 5249

Kerma capture (mt102) 52-Te-128

Cross Section -100.0 To 9999. %



67

Incident Energy (eV)

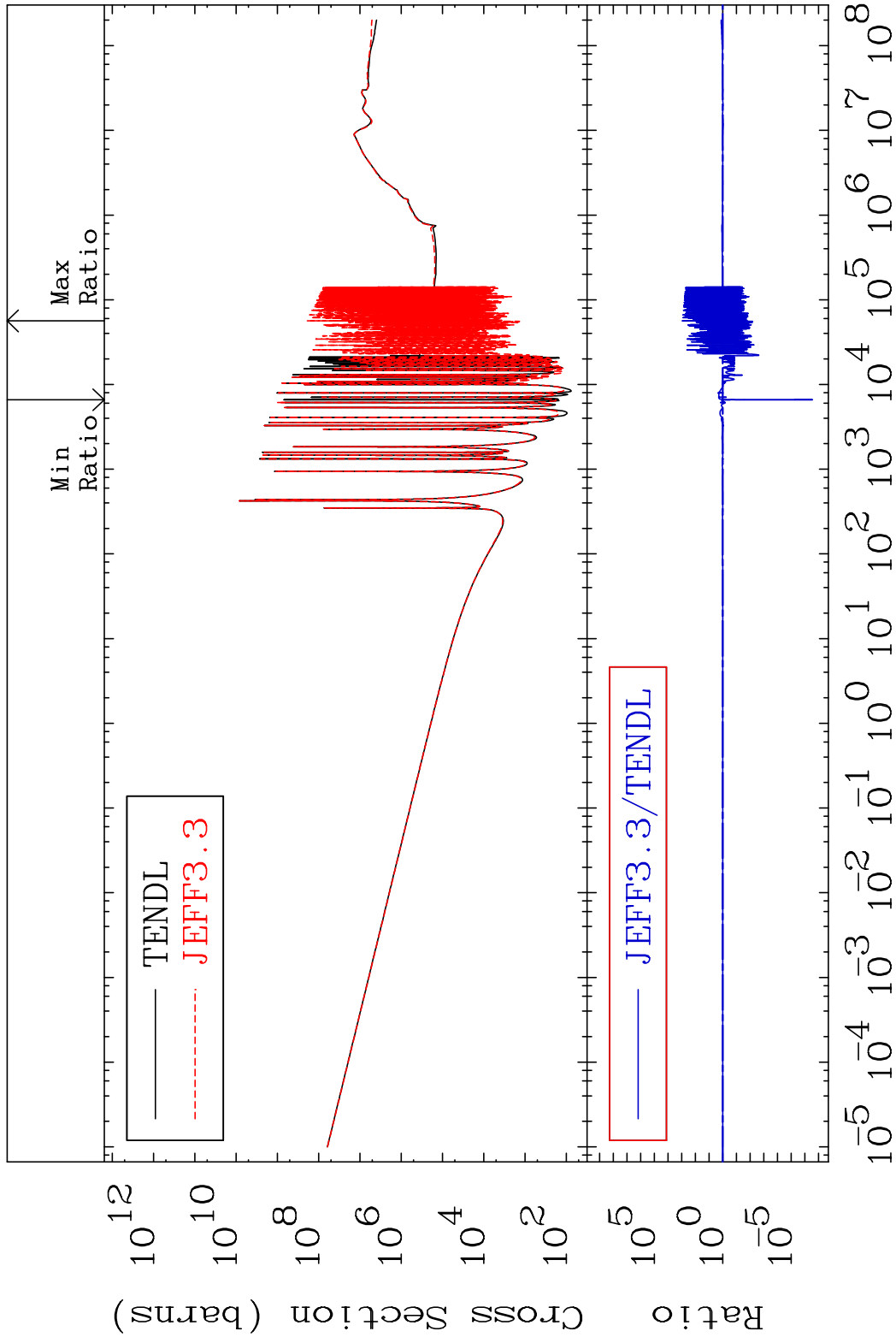
52-Te-128

MAT 5249

Total photon (eV-barns)

52-Te-128

Cross Section -100.0 To 9999. %

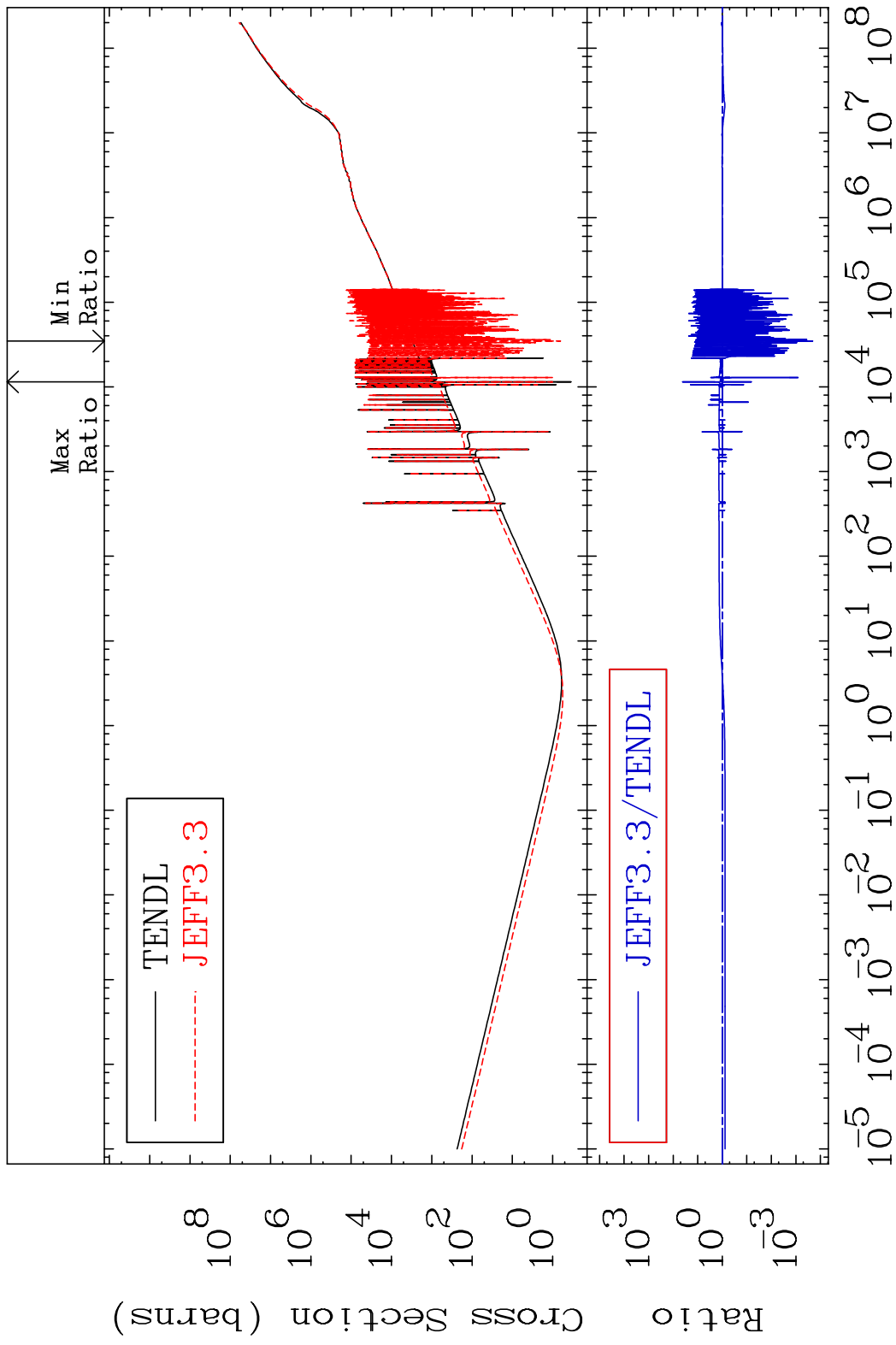


68

Incident Energy (eV)

52-Te-128

MAT 5249 Total kinematic kerma (high limit) 52-Te-128  
 Cross Section -99.98 To 4132. %

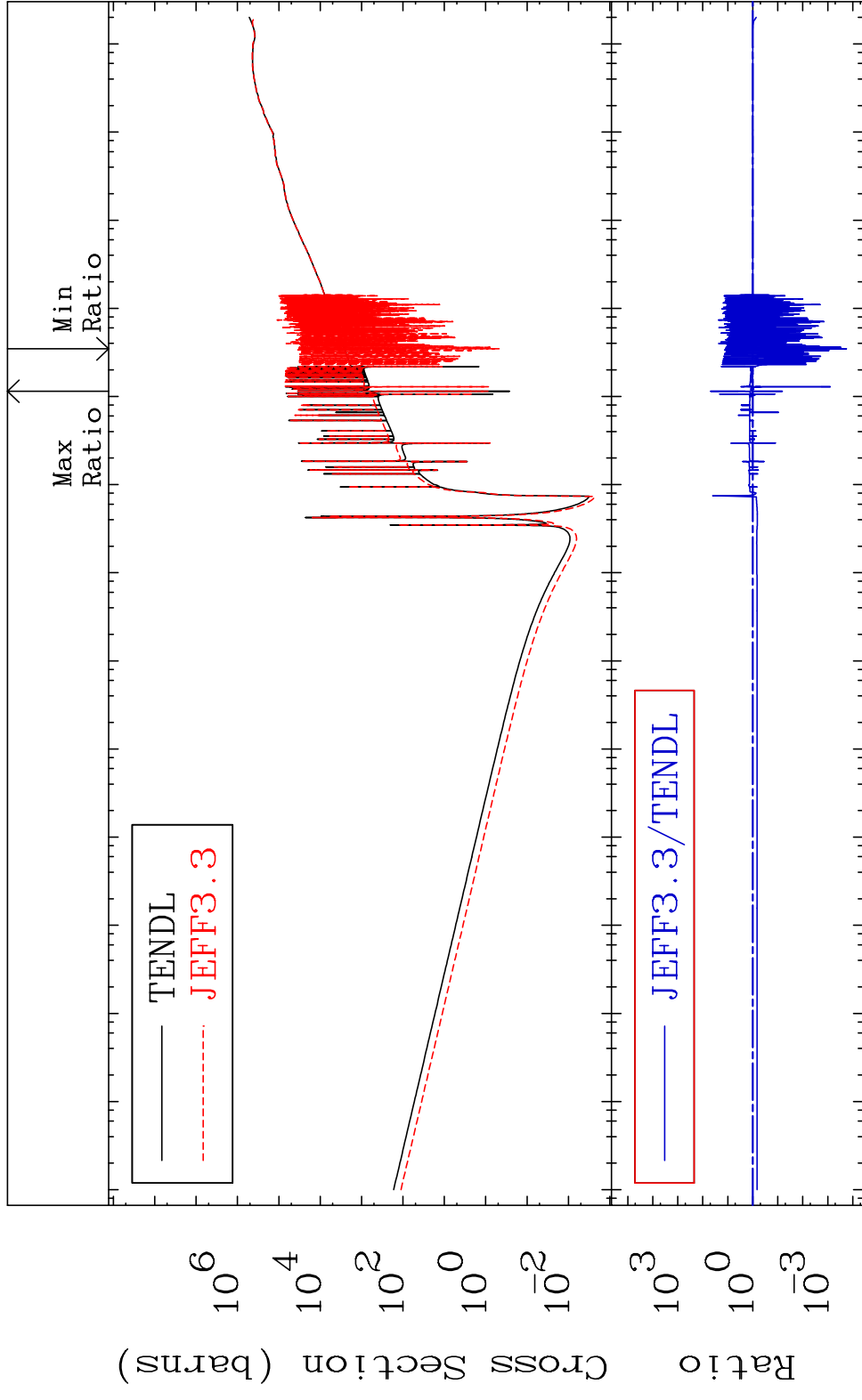


MAT 5249

Dpa total (eV-barns)

52-Te-128

Cross Section -99.98 To 4715. %



70

Incident Energy (eV)

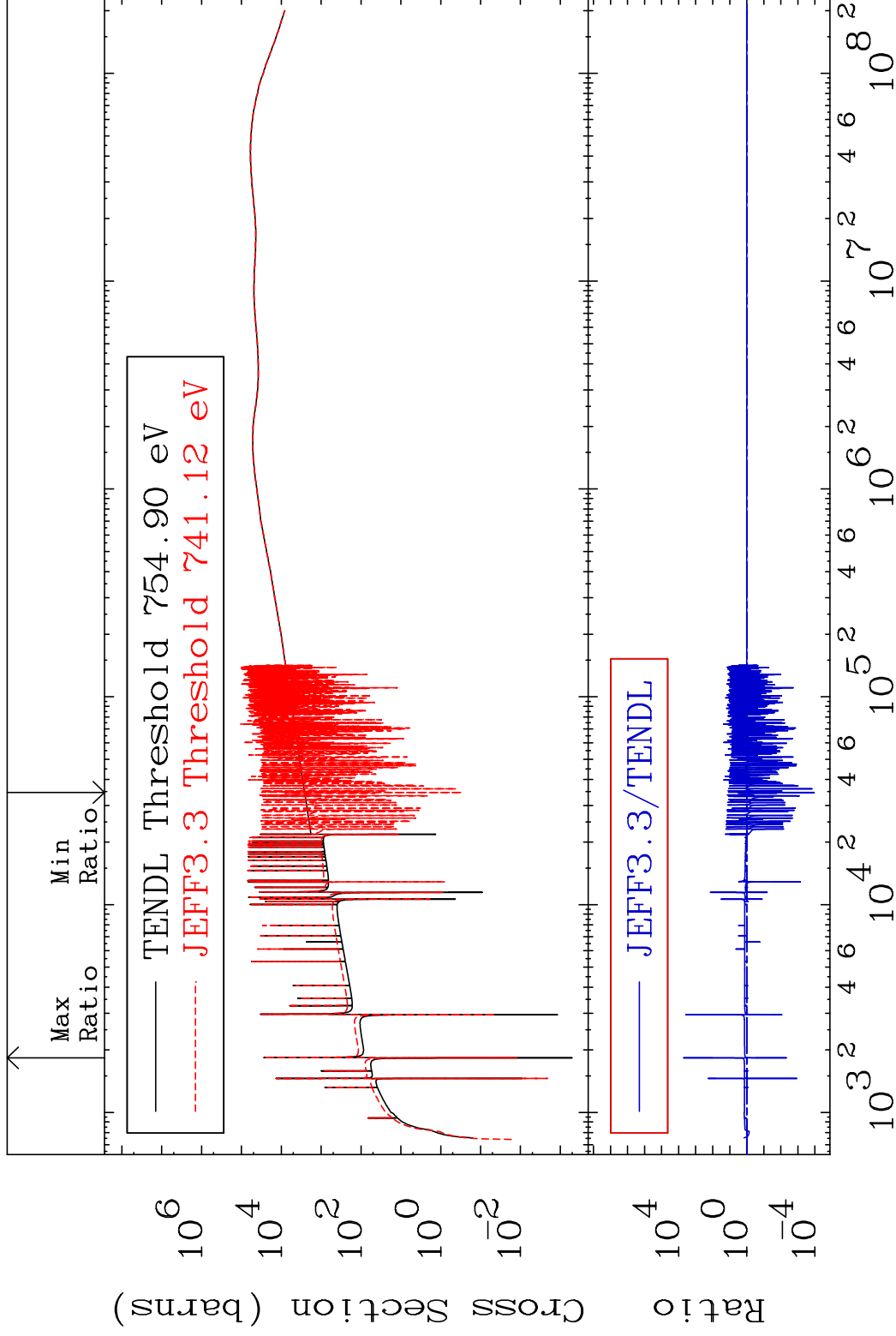
52-Te-128

MAT 5249

Dpa elastic (mt2)

52-Te-128

Cross Section -99.99 To 9999. %



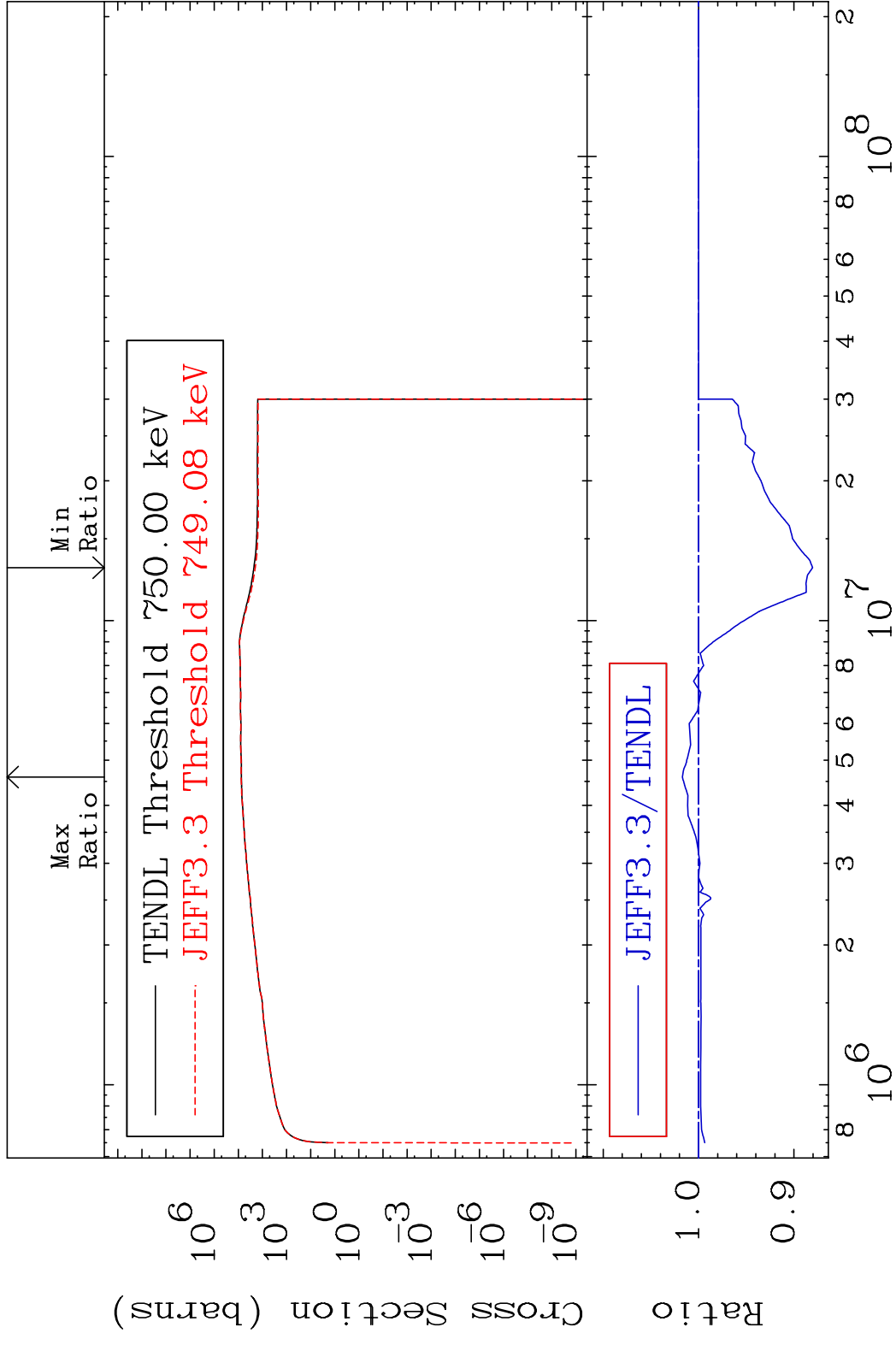
71

Incident Energy (eV)

52-Te-128

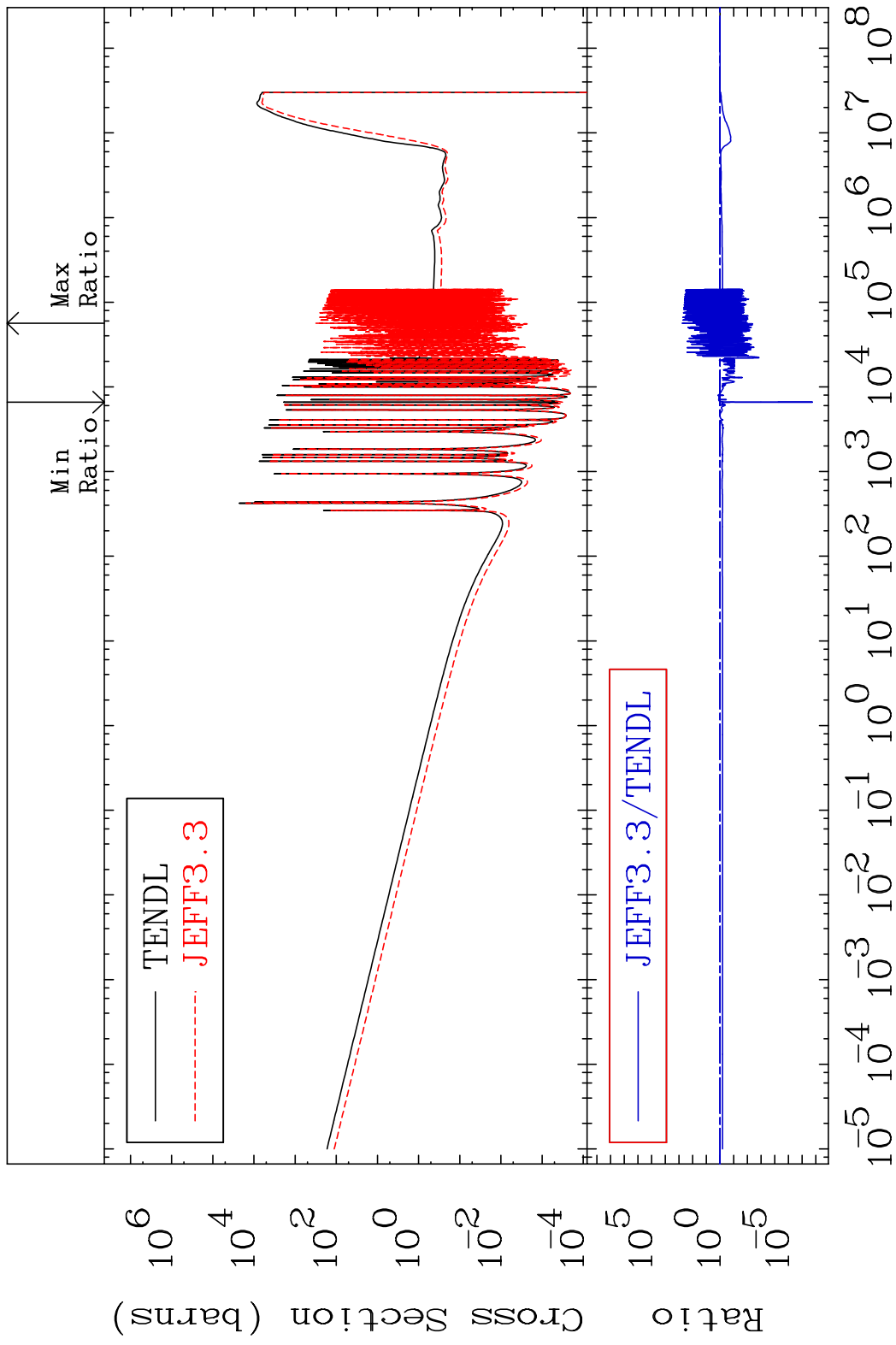


MAT 5249 Dpa inelastic (mt51-91) 52-Te-128  
 Cross Section -11.95 To 1.699 %

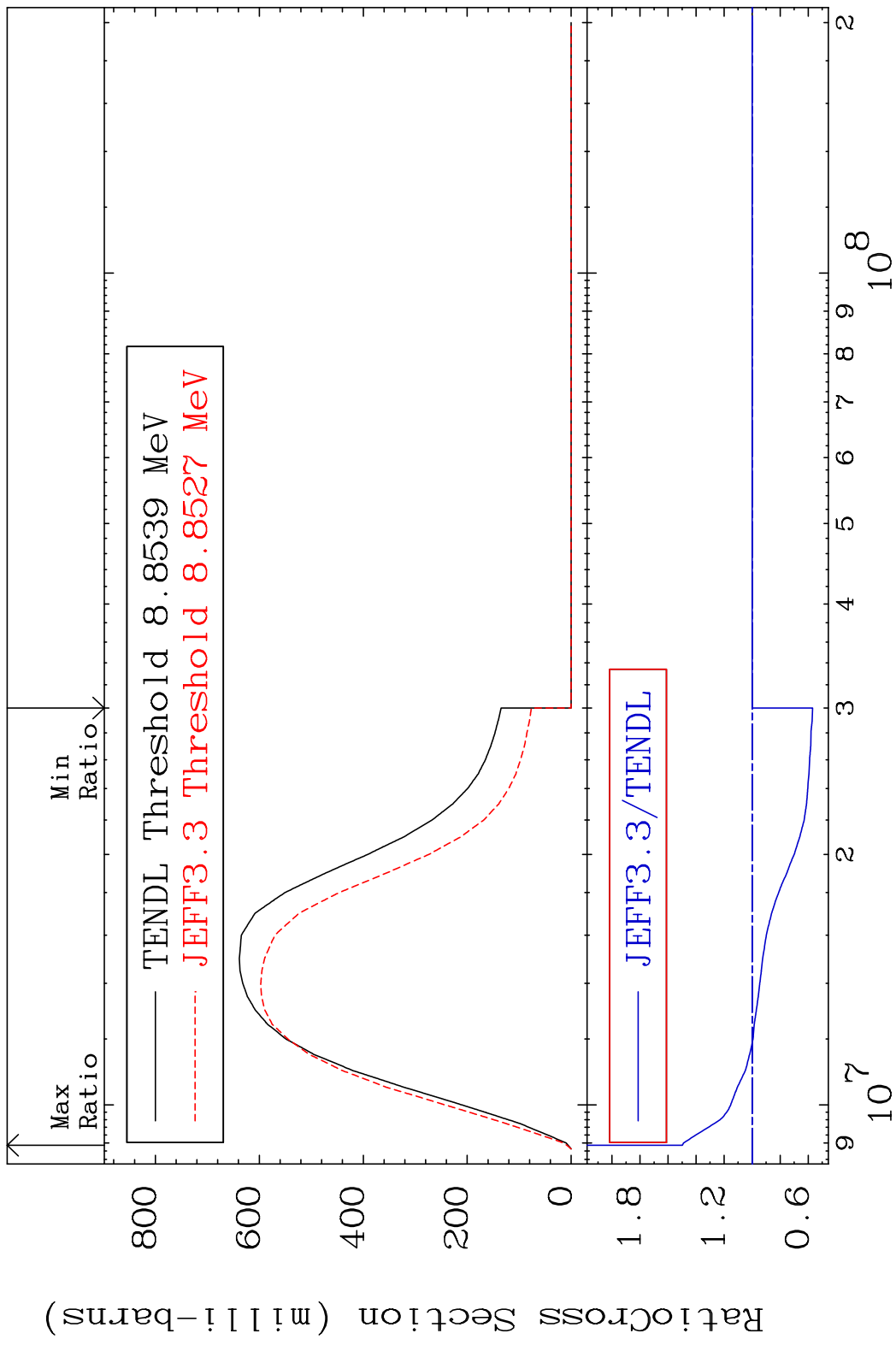


72 Incident Energy (eV) 52-Te-128

MAT 5249 Dpa disappearance (mt102 -120) 52-Te-128  
 Cross Section -100.0 To 9999. %

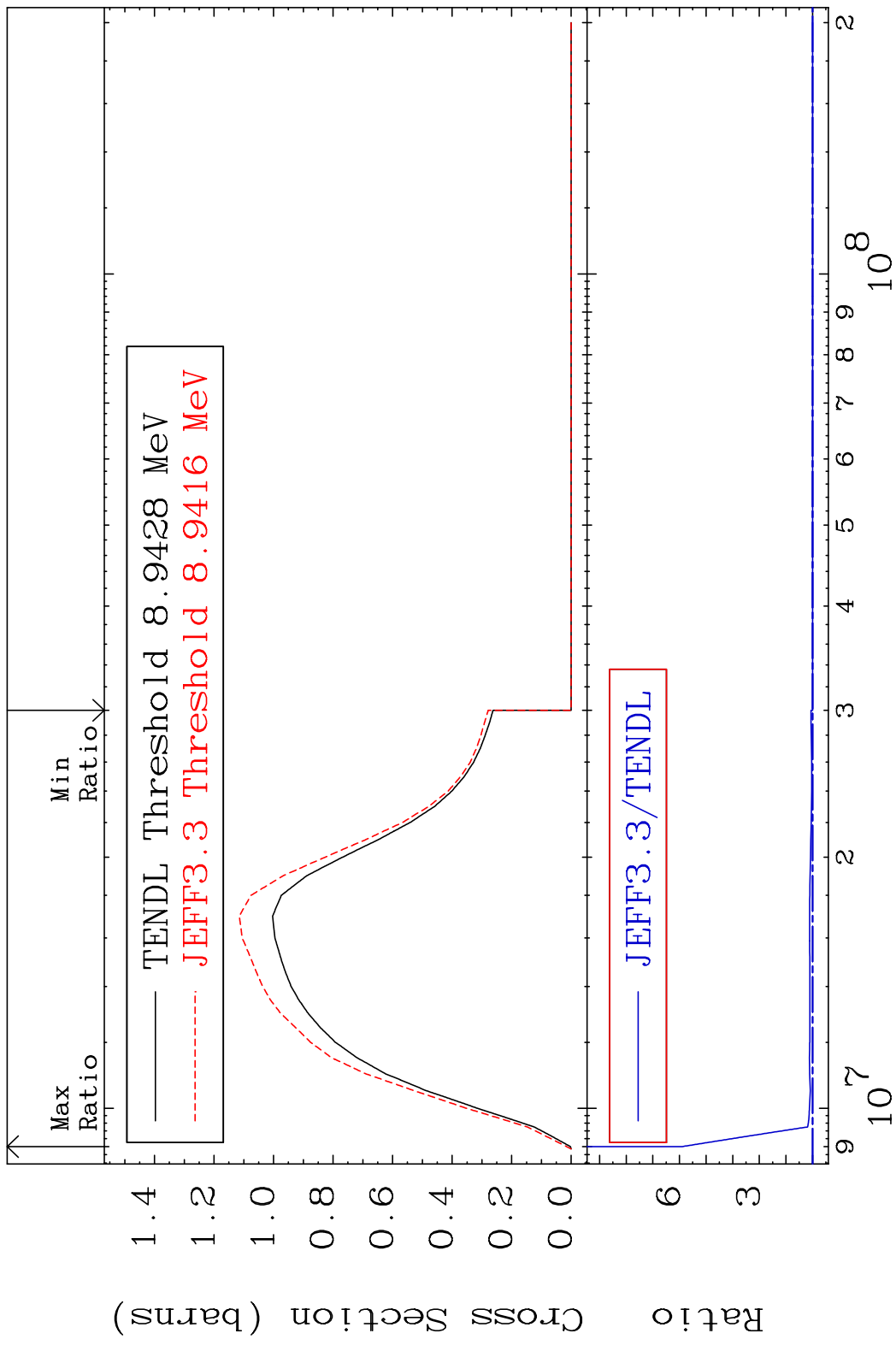


MAT 5249 (n,2n):52-Te-127g 52-Te-128  
 Radionuclide Production Cross Section 49.79 %



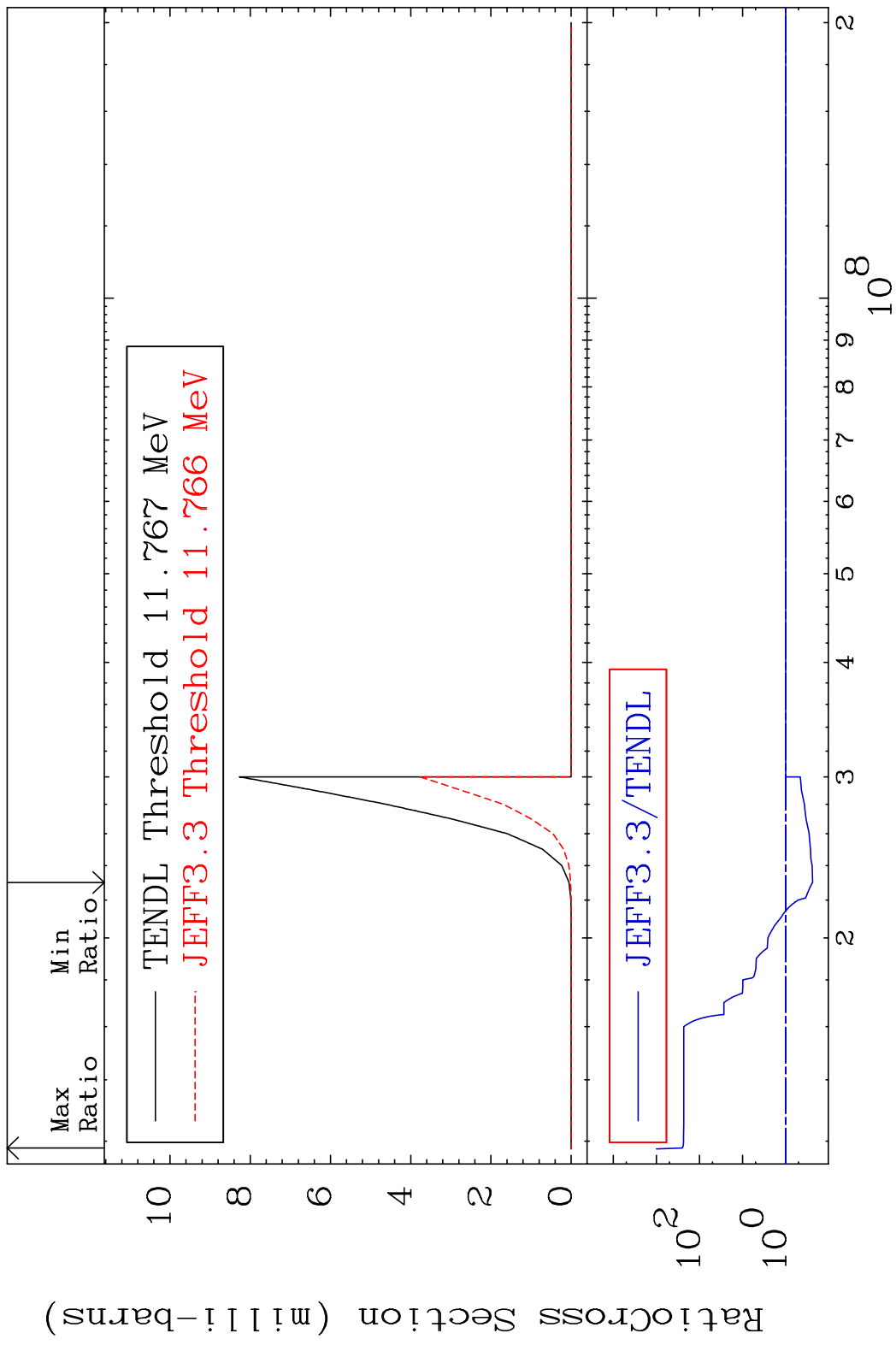
74 Incident Energy (eV) 52-Te-128

MAT 5249 (n,2n):52-Te-127m2 52-Te-128  
 Radionuclide Production Cross Section 489.0 %

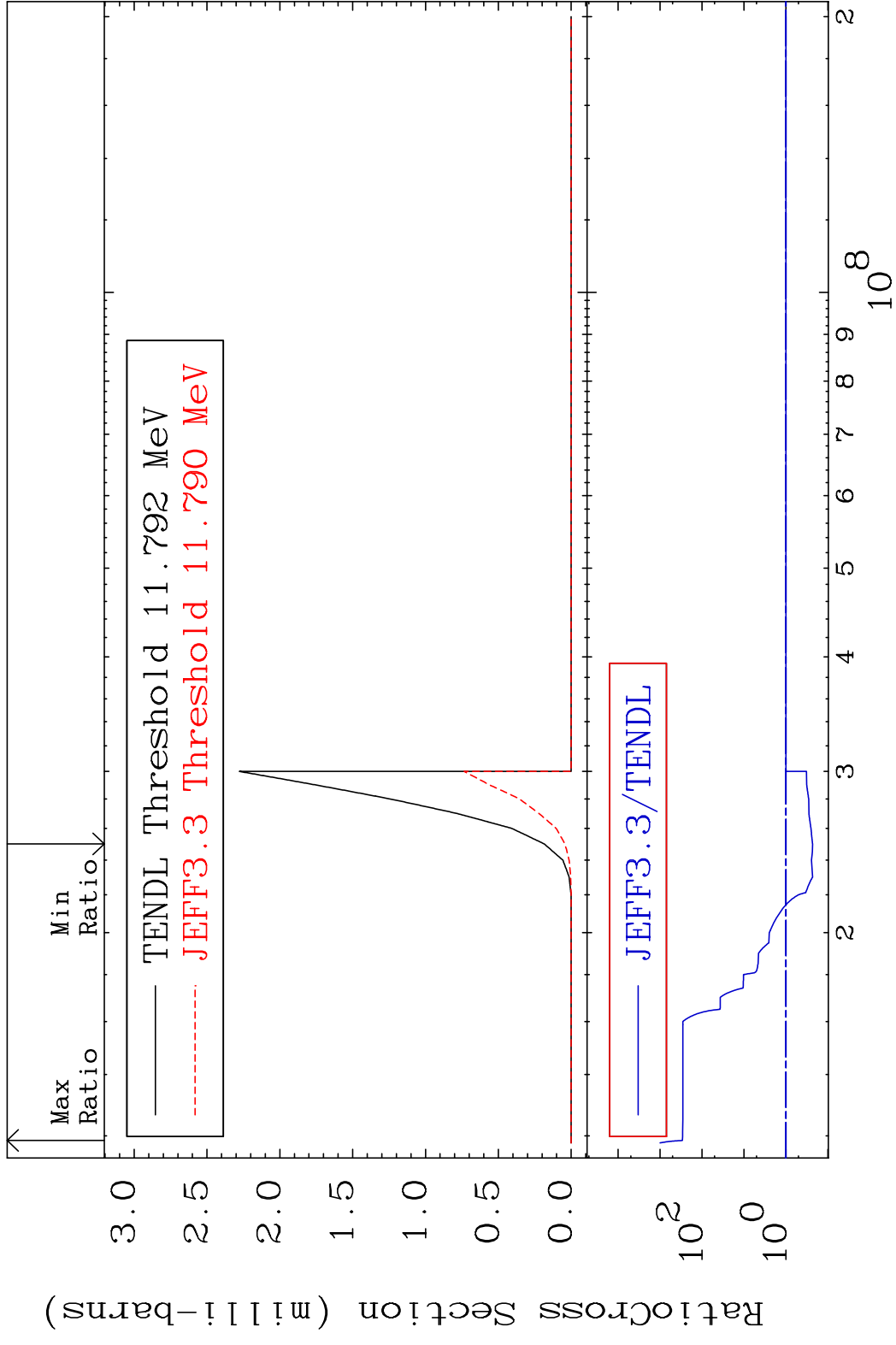


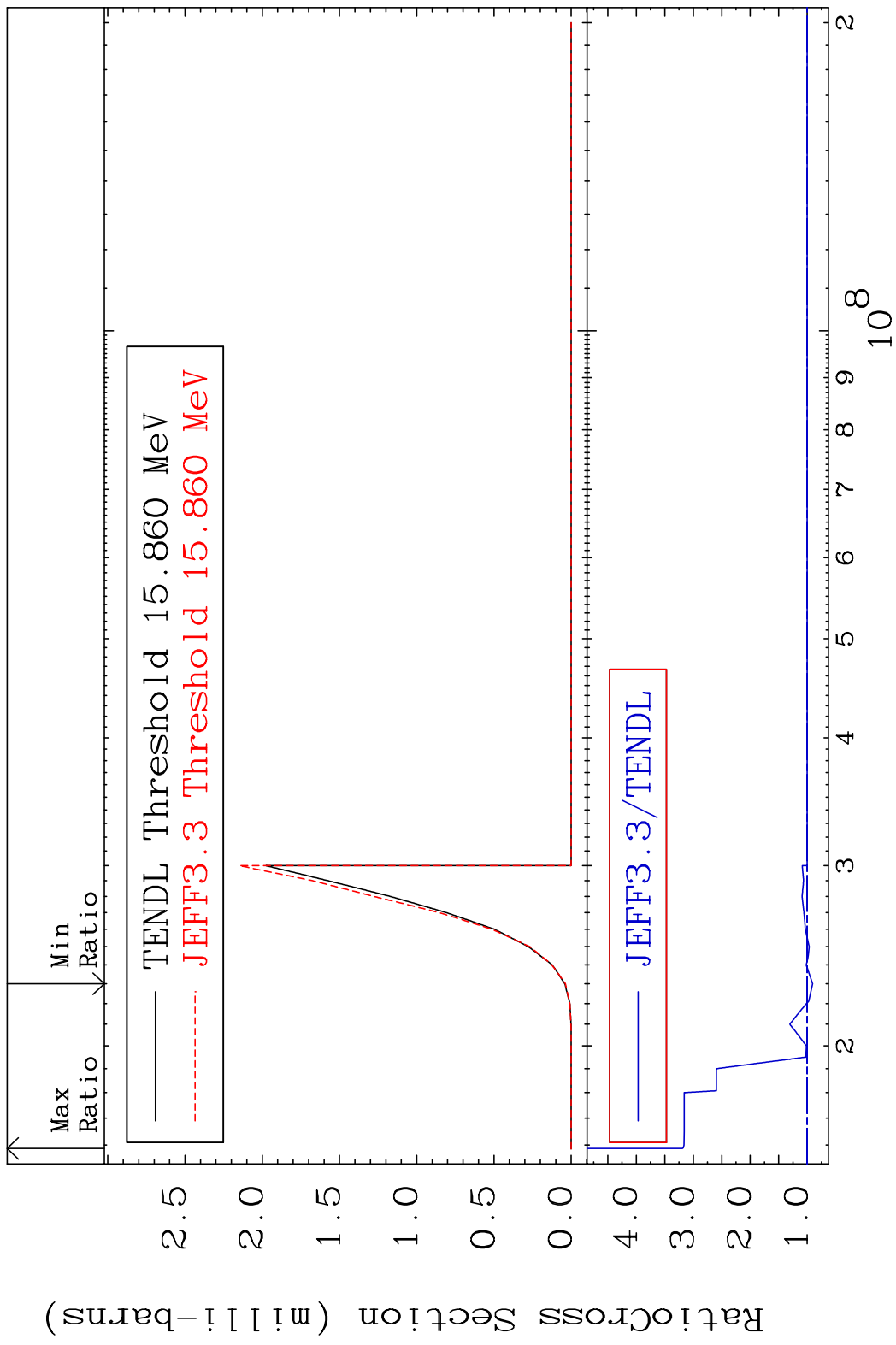
75 Incident Energy (eV) 52-Te-128

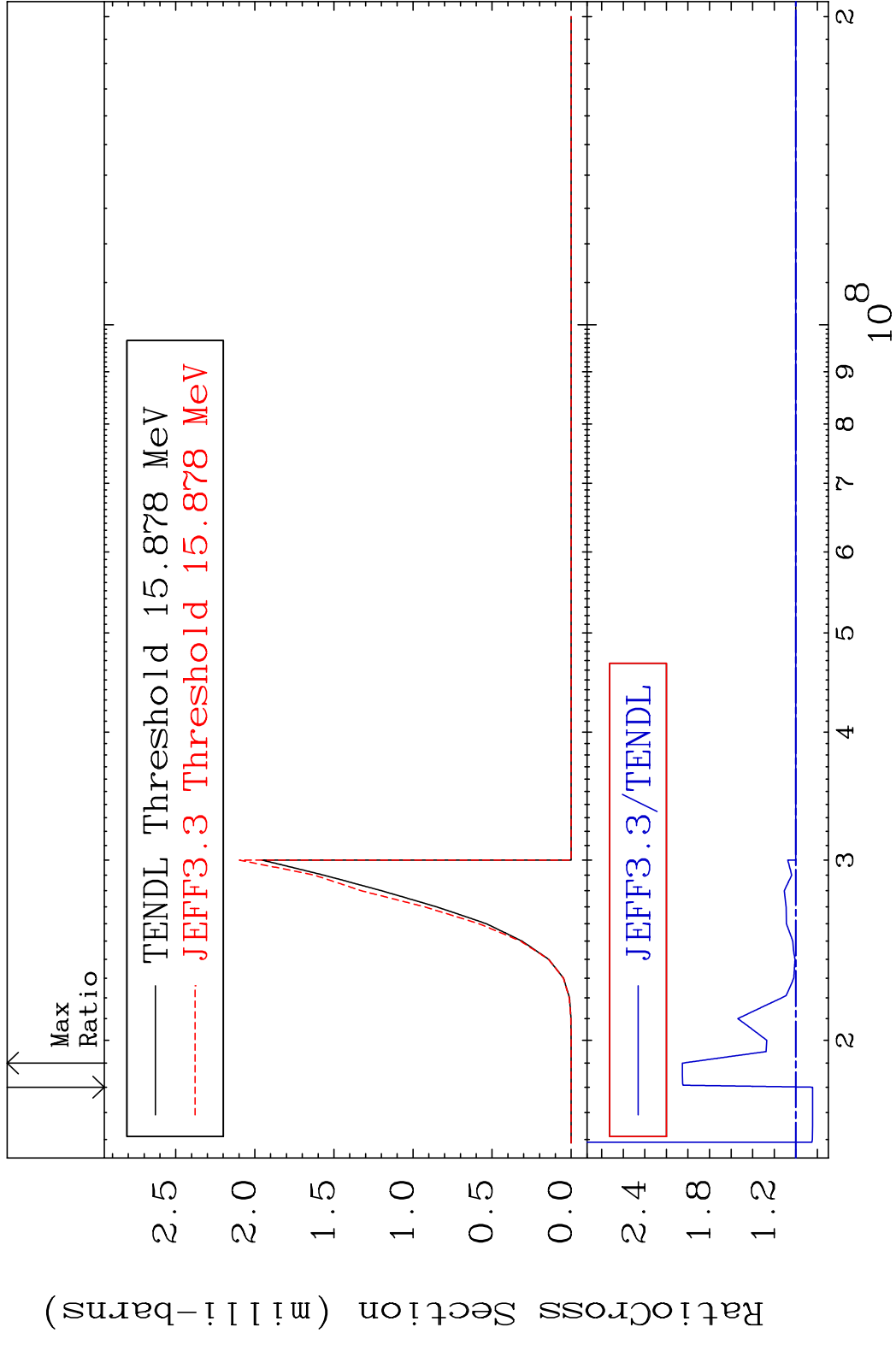
MAT 5249 (n,2n)  $\alpha$ :50-Sn-123g 52-Te-128  
 Radionuclide Production Cross Section to 9999. %



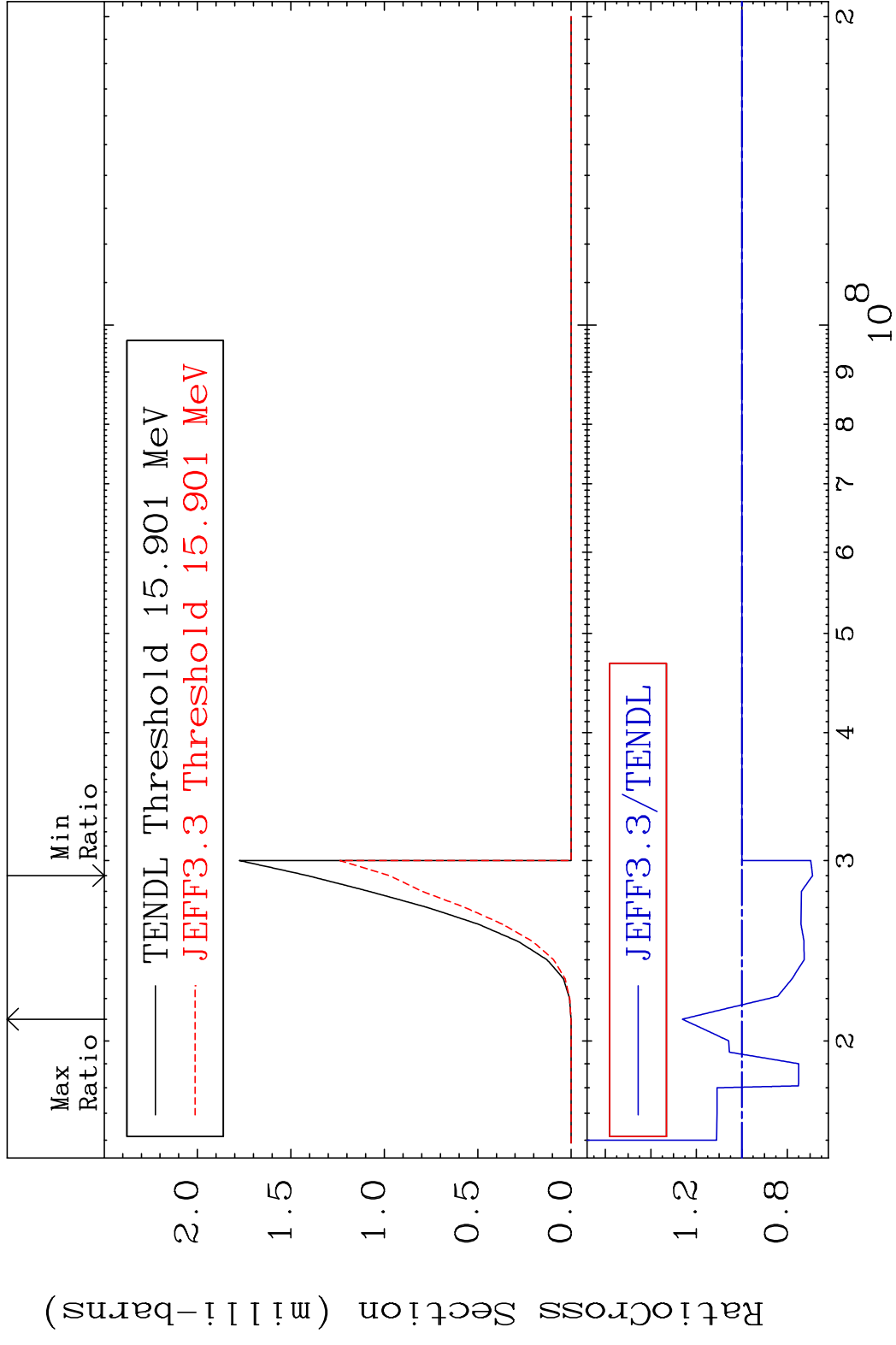
MAT 5249 (n,2n)  $\alpha$ :50-Sn-123m1 52-Te-128  
 Radionuclide Production Cross Section to 9999. %

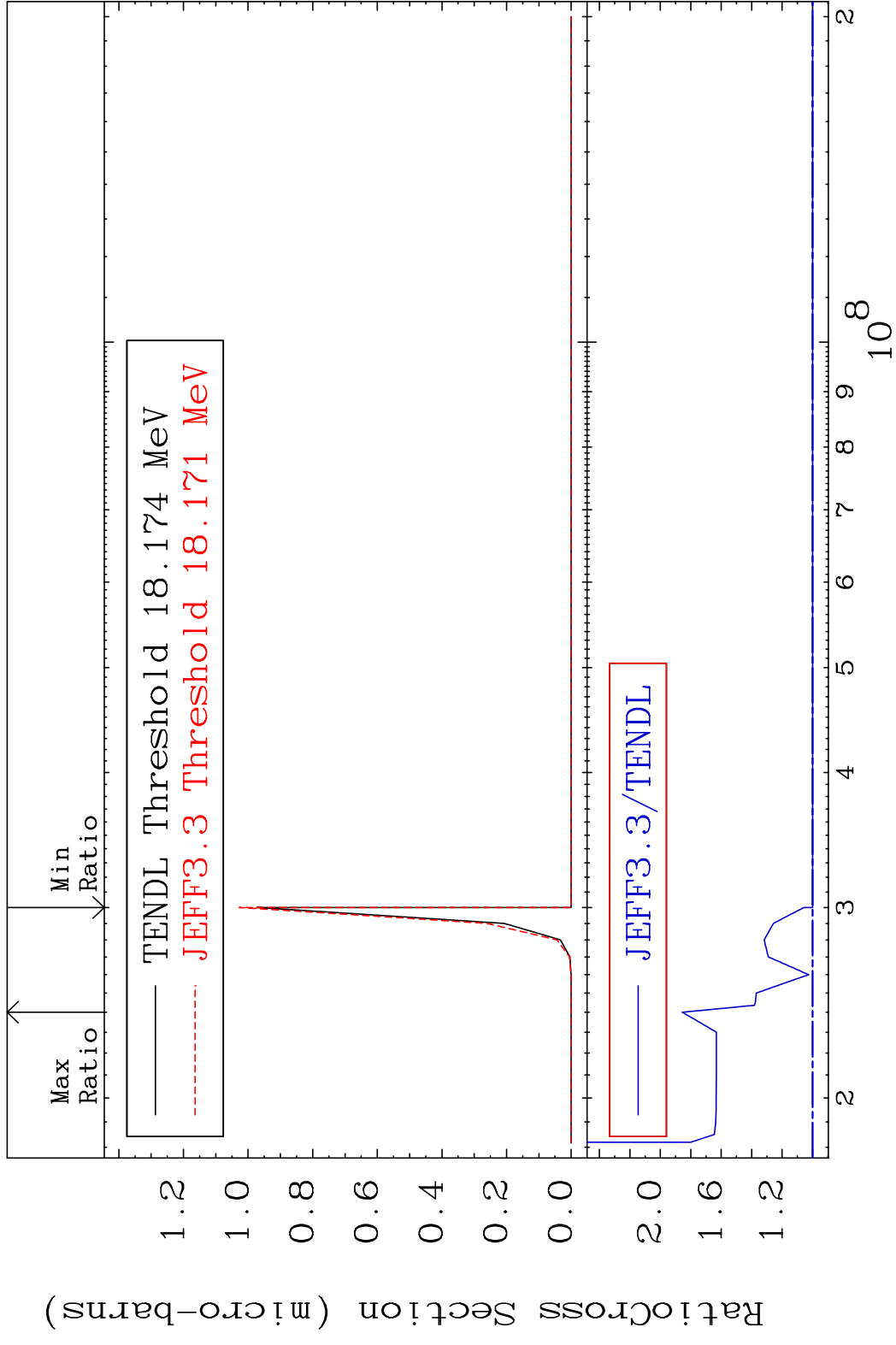


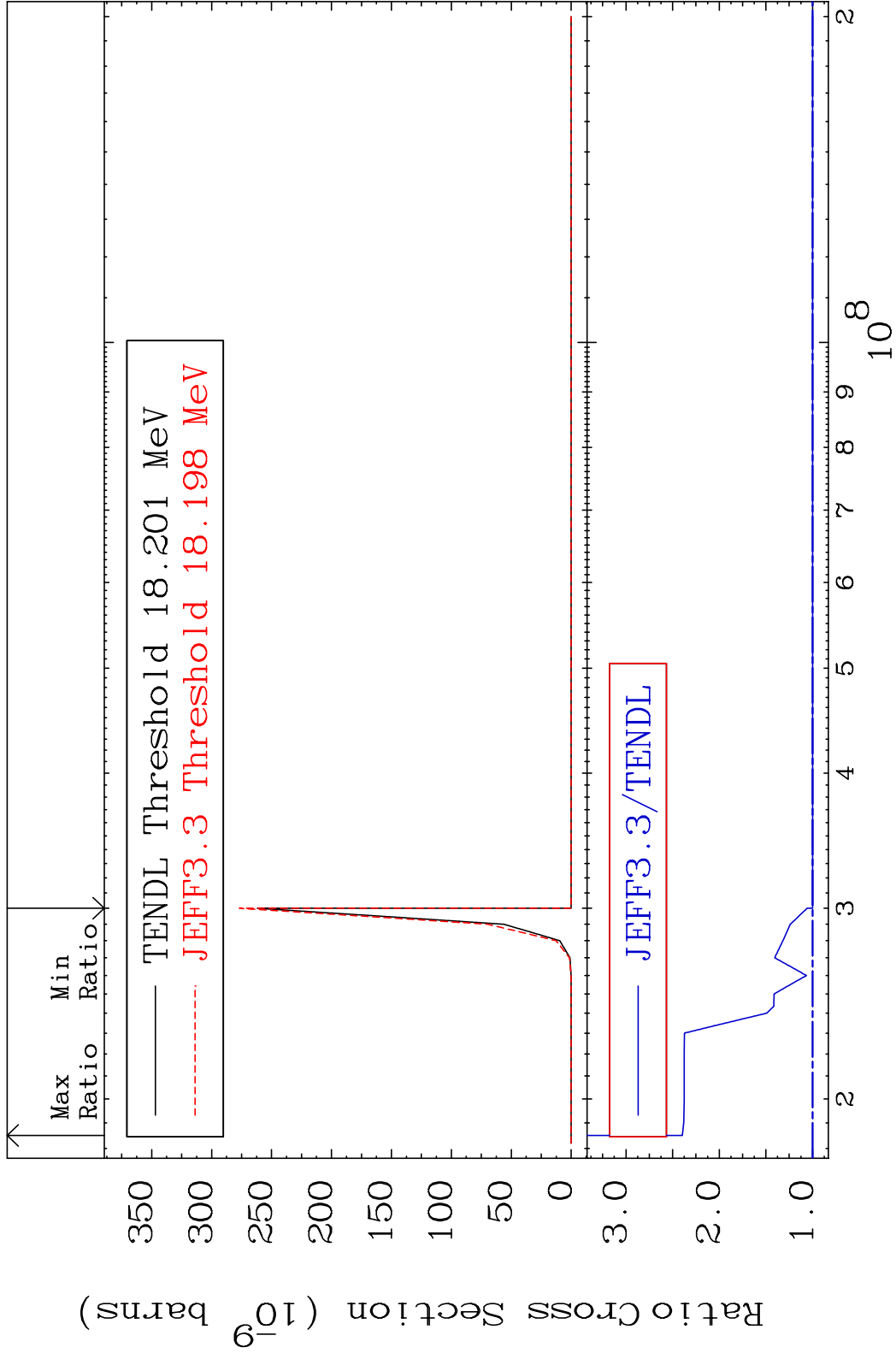




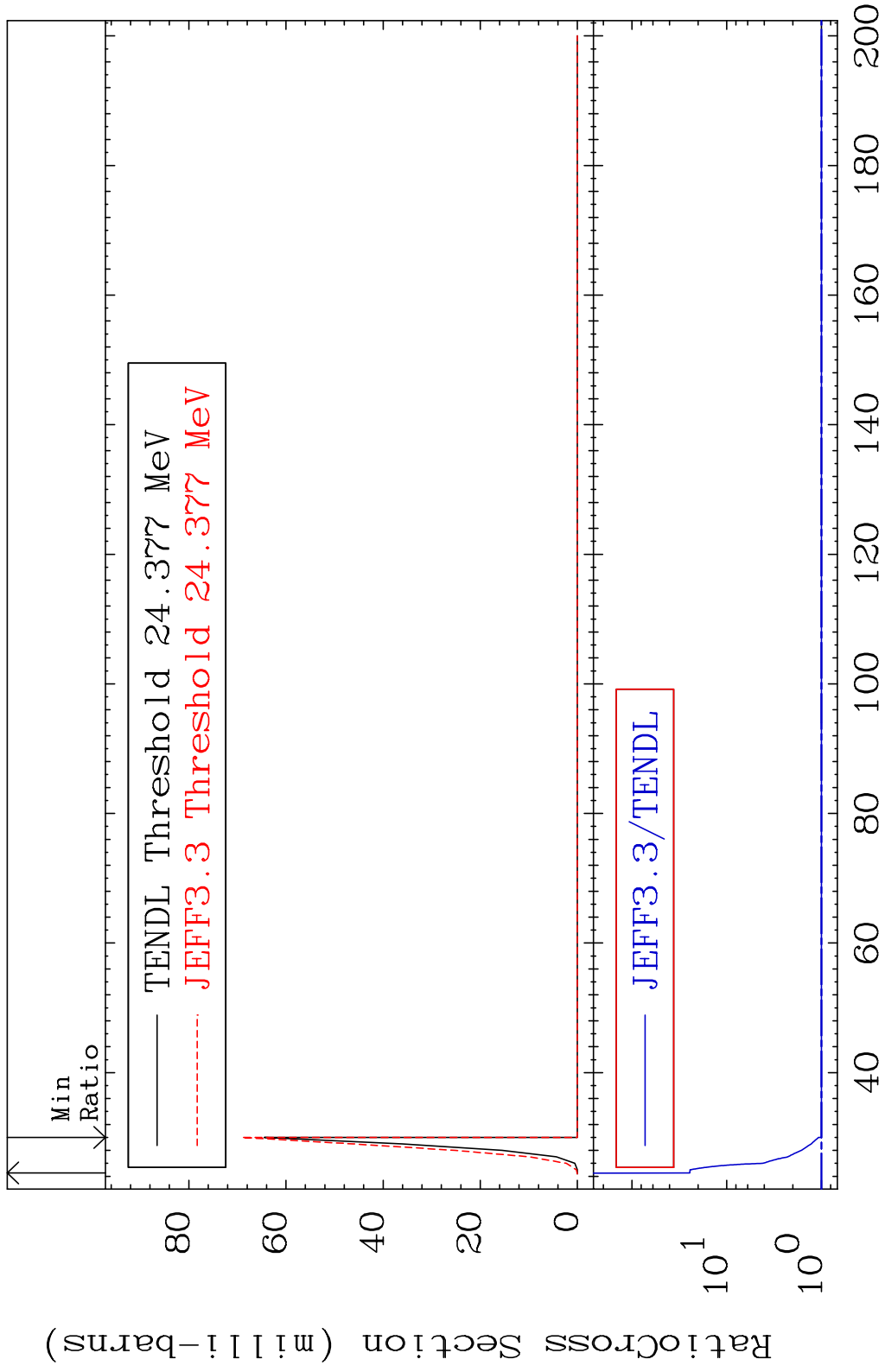




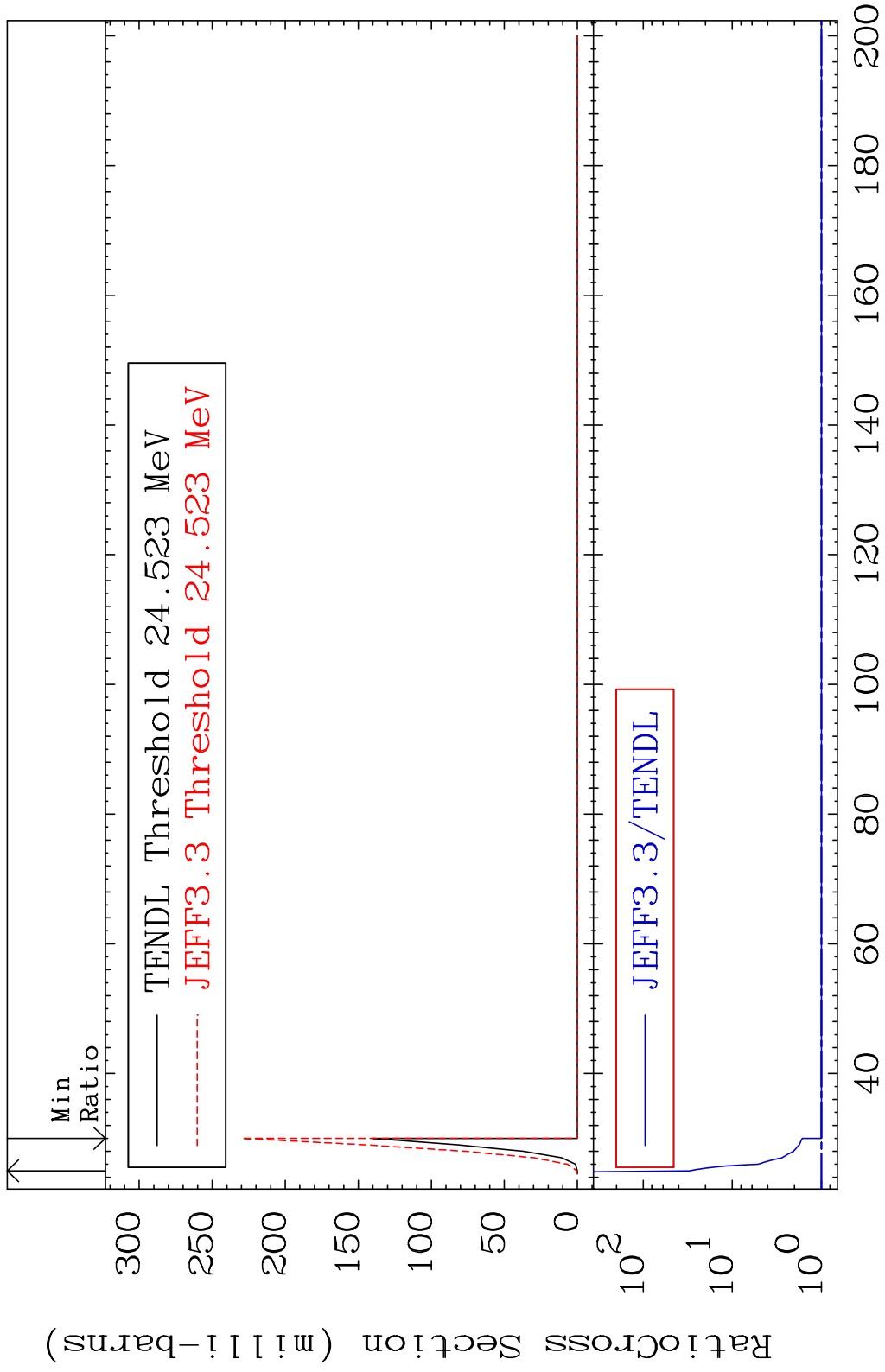




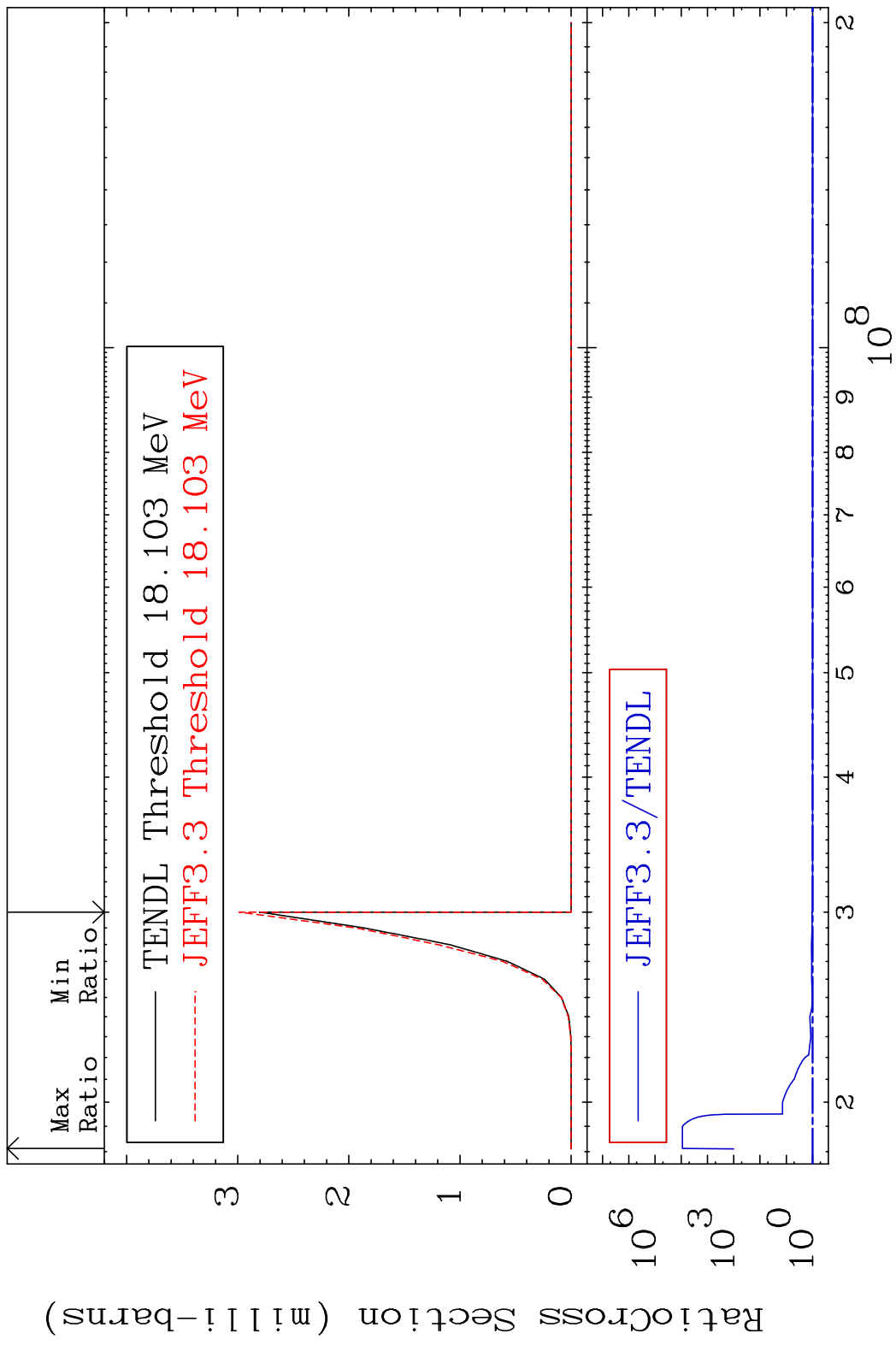
MAT 5249 (n,4n):52-Te-125g 52-Te-128  
 Radionuclide Production Cross Section 2349. %

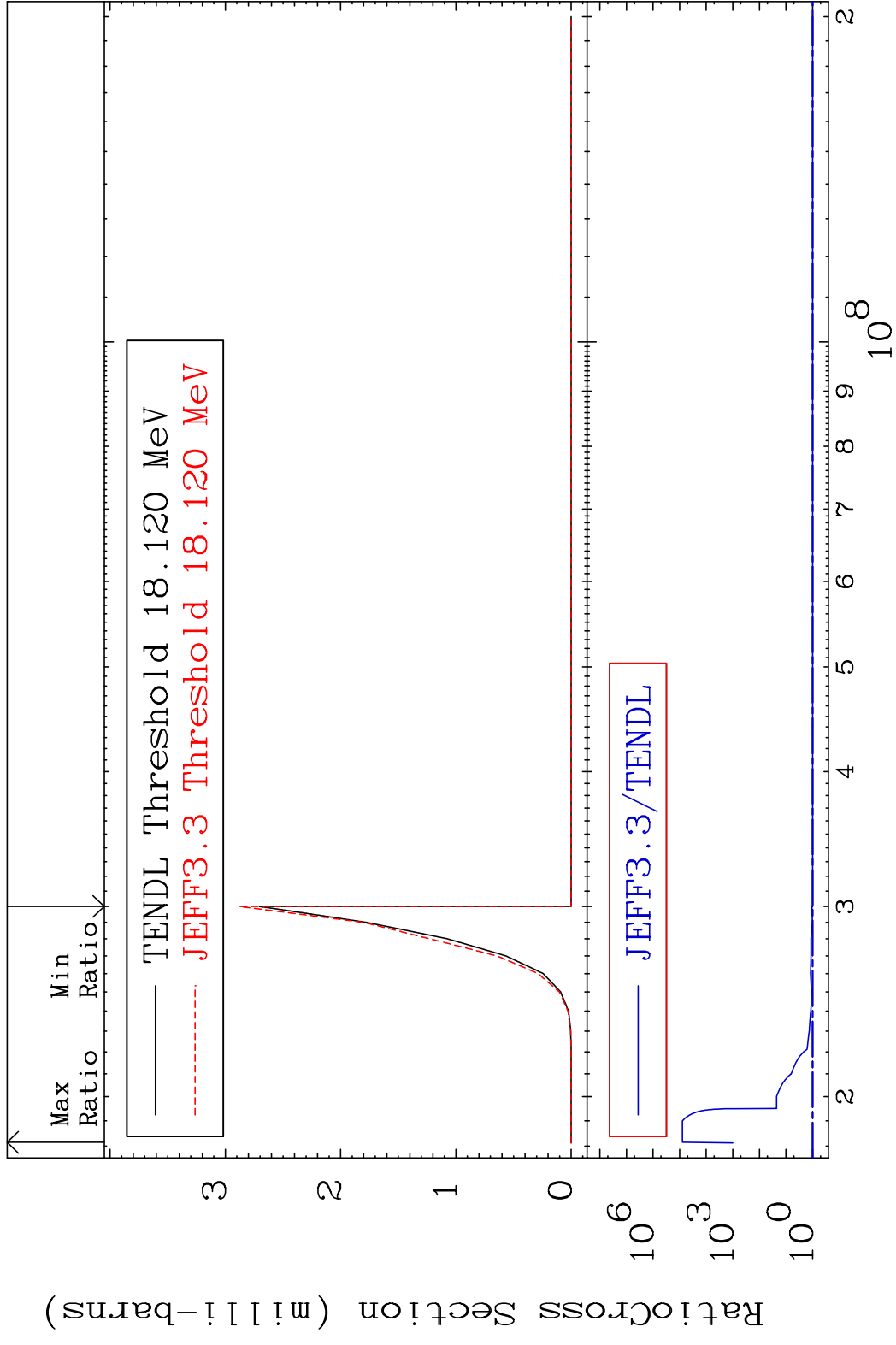


MAT 5249 (n, 4n):52-Te-125m2 52-Te-128  
 Radionuclide Production Cross Section 2902. %

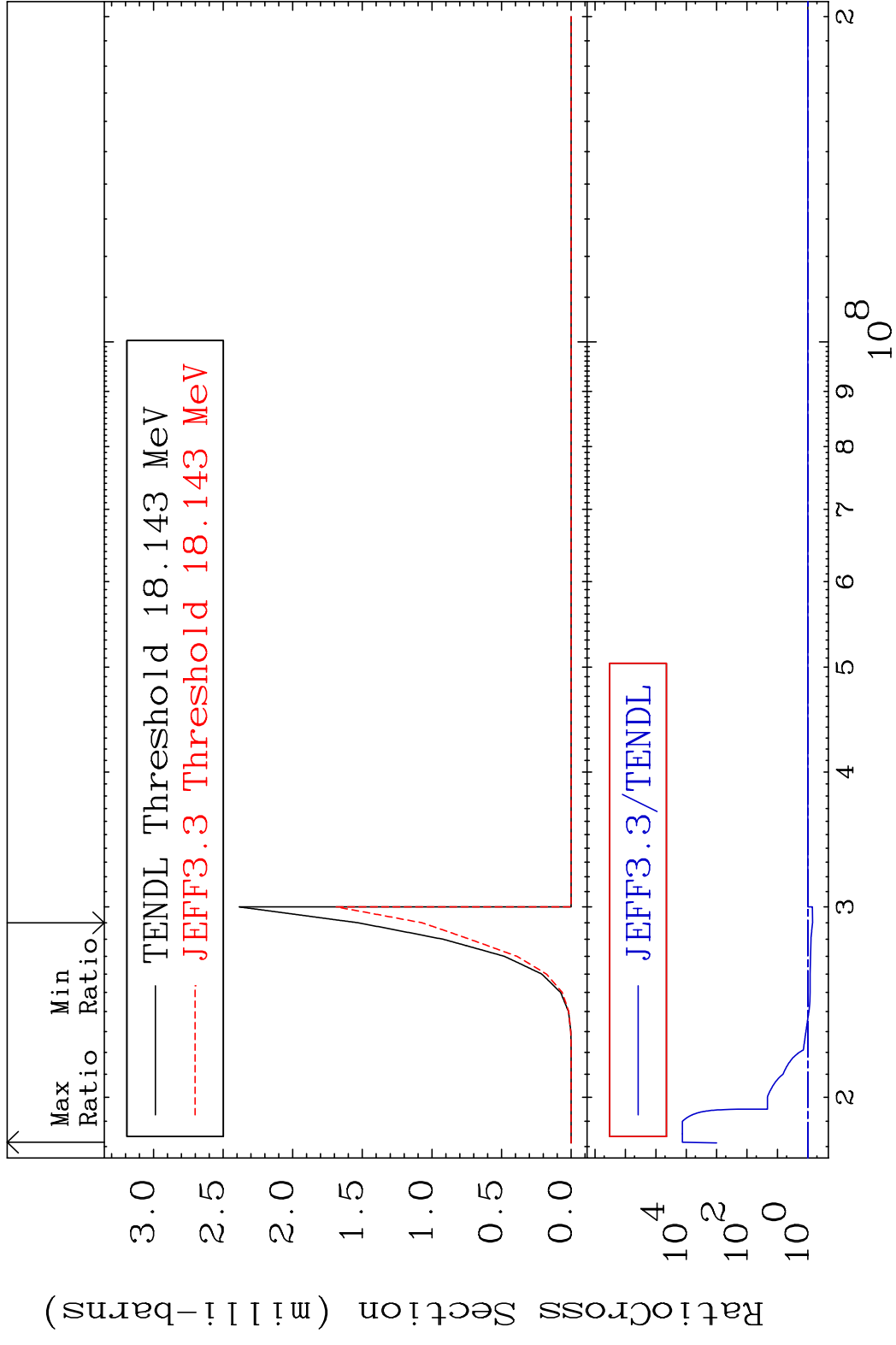


MAT 5249 (n,2n) p:51-Sb-126g 52-Te-128  
 Radionuclide Production Cross Section, %

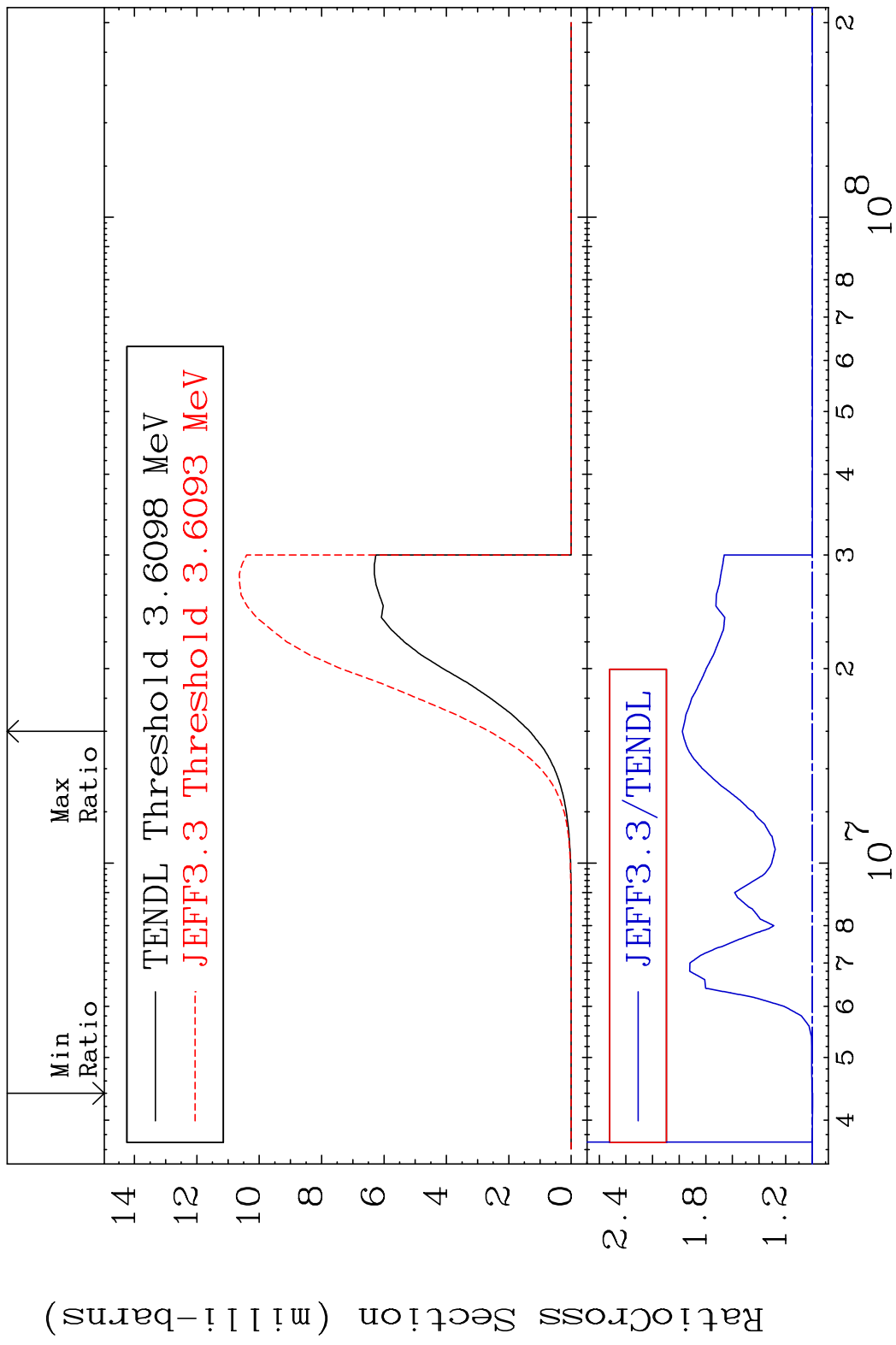




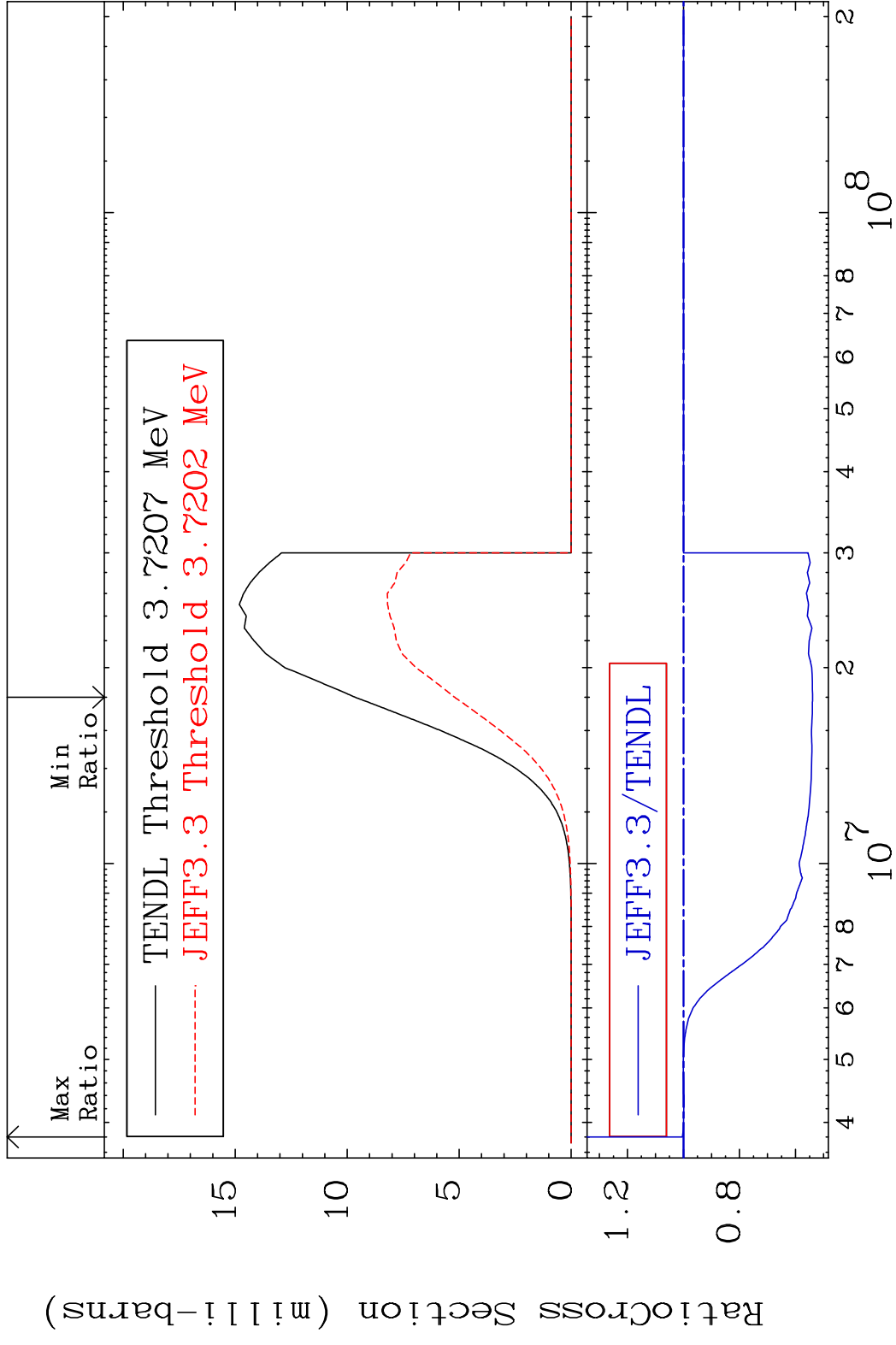
MAT 5249 (n,2n) p:51-Sb-126m2 52-Te-128  
 Radionuclide Production Cross Section to 9999. %



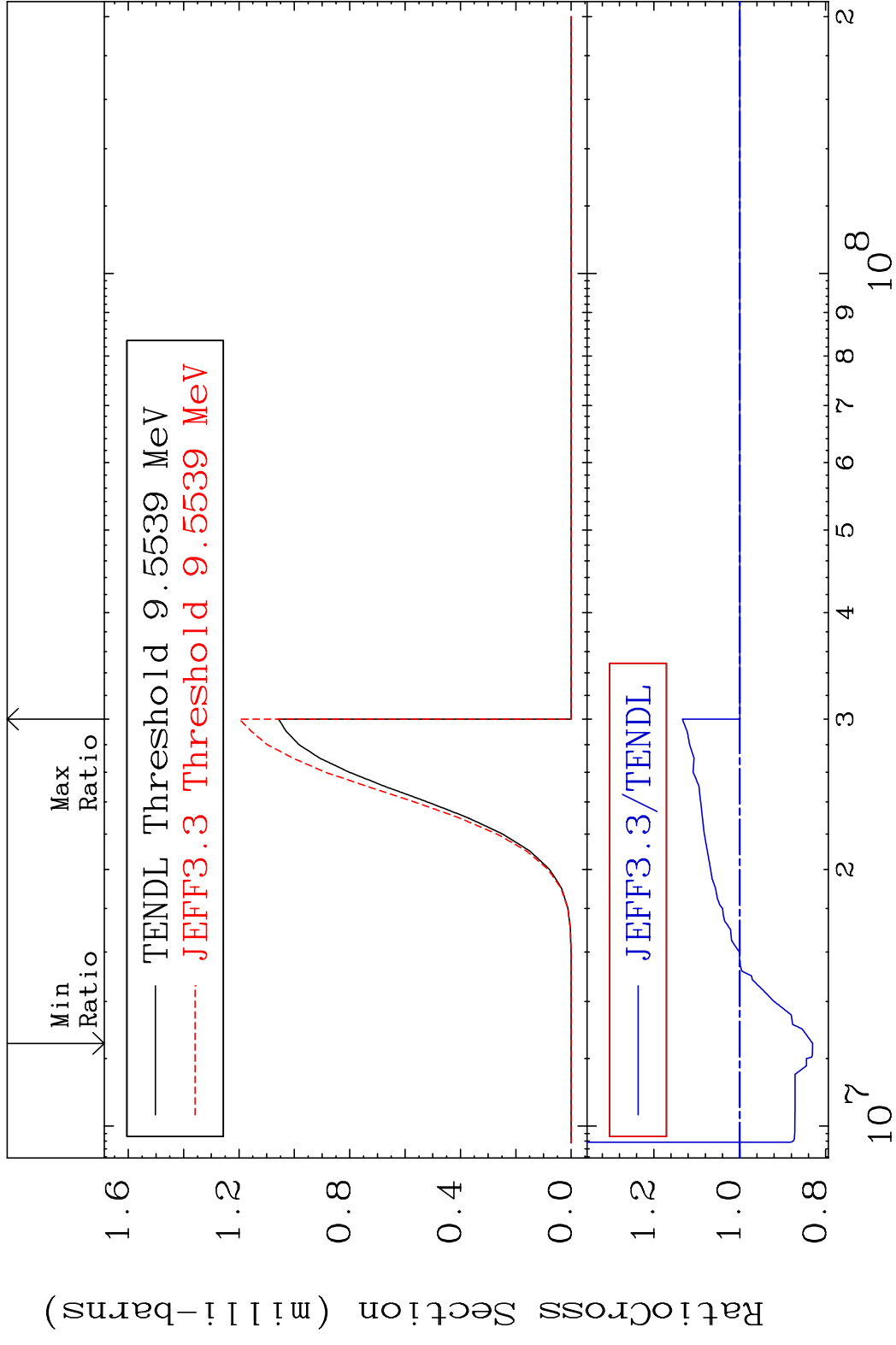




MAT 5249 (n, p):51-Sb-128m1 52-Te-128  
 Radionuclide Production Cross Section 0.393 %

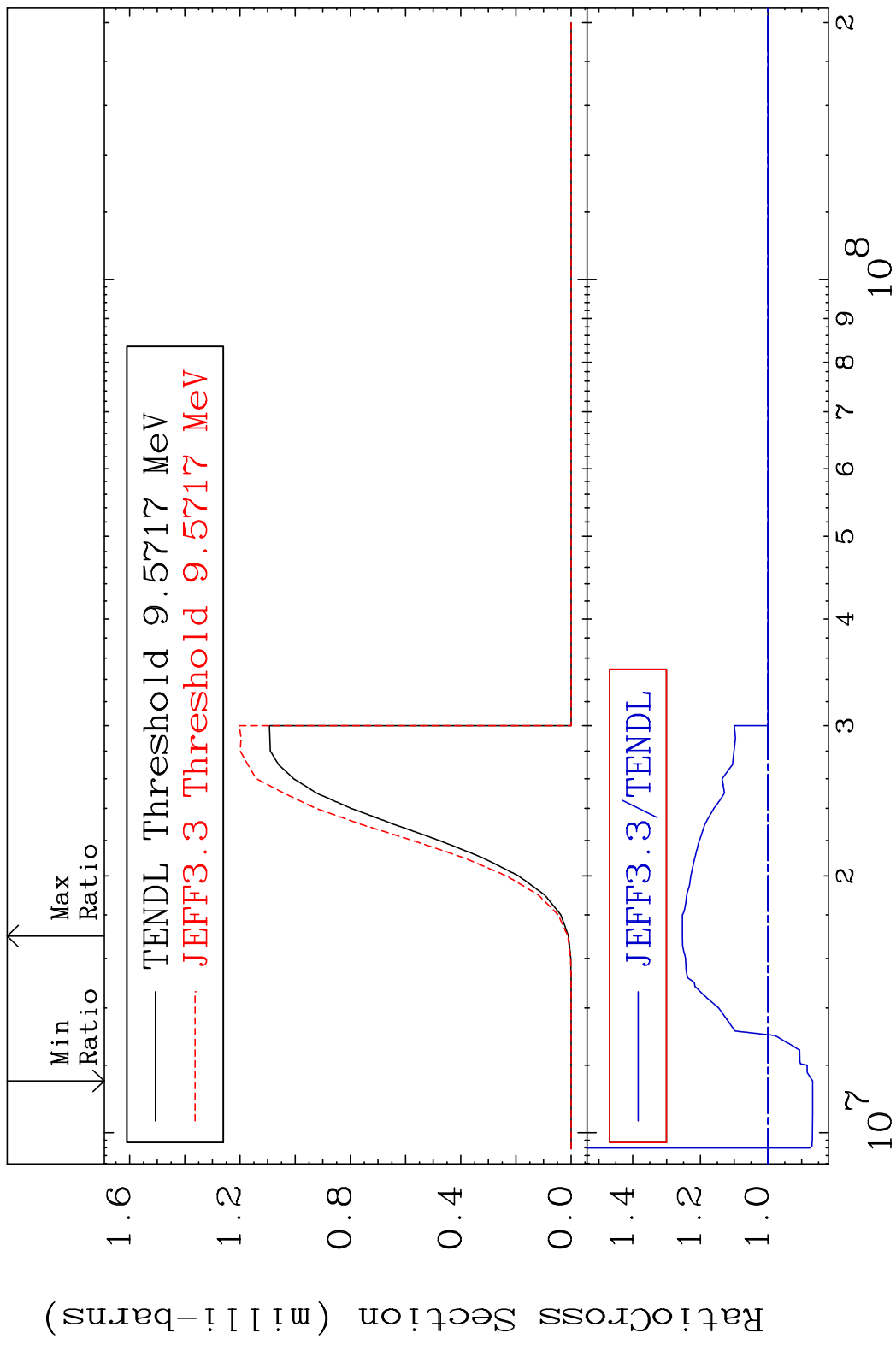


MAT 5249 (n, t):51-Sb-126g 52-Te-128  
 Radionuclide Production Cross Section 186.94 mb 13.36 %



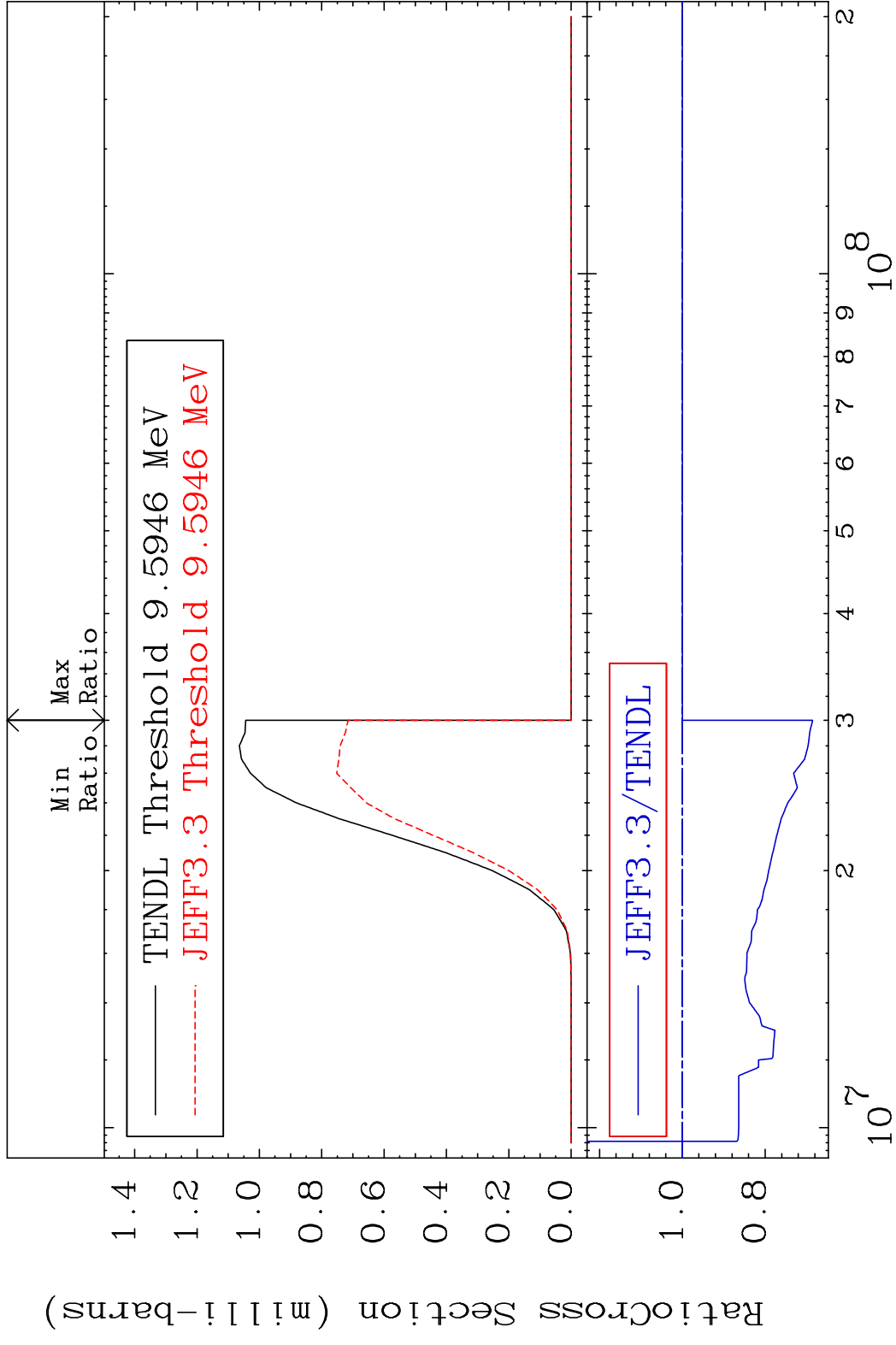
90 Incident Energy (eV) 52-Te-128

MAT 5249 (n, t):51-Sb-126m1 52-Te-128  
 Radionuclide Production Cross Section Ratio 25.32 %

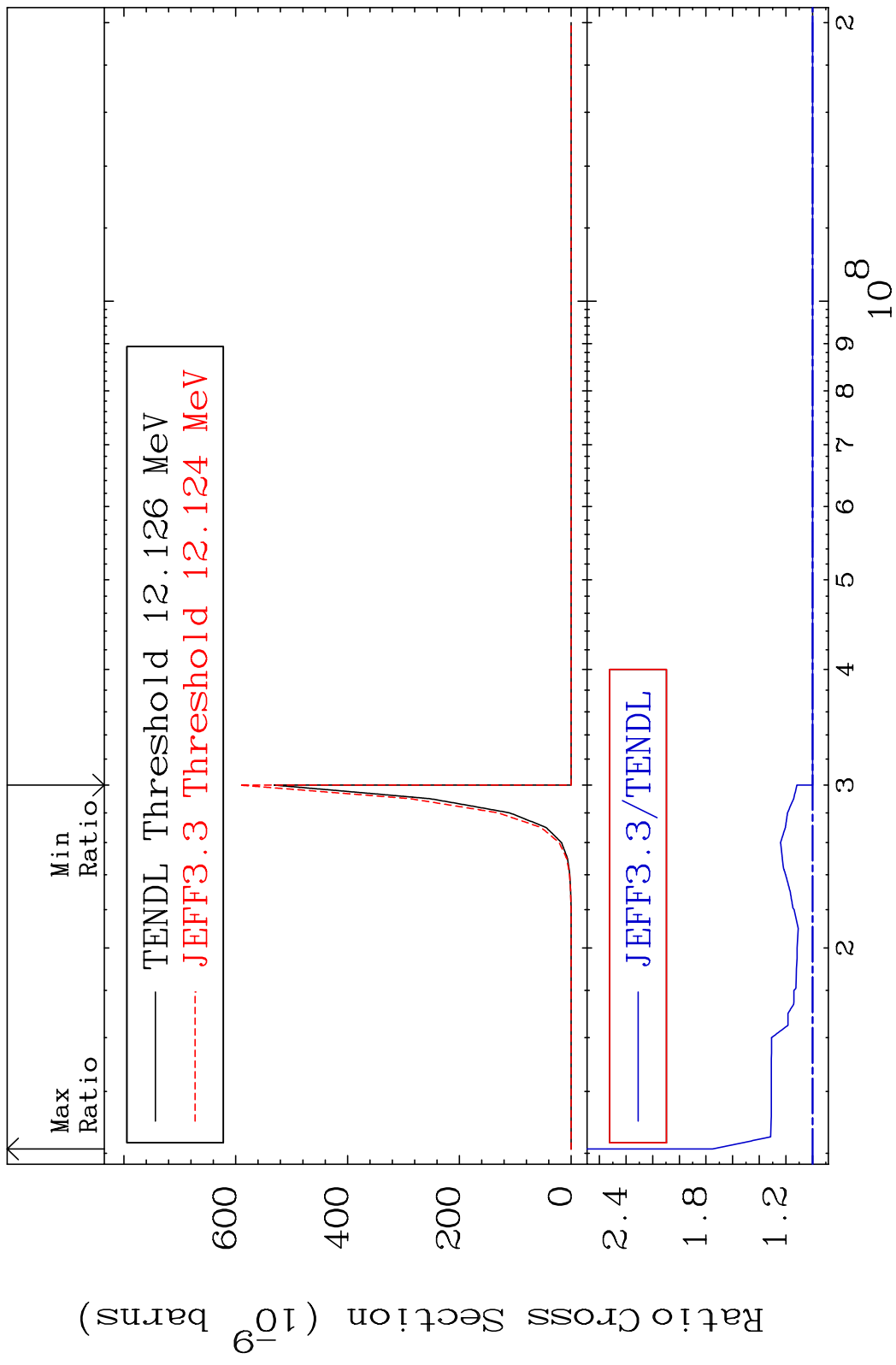


91 Incident Energy (eV) 52-Te-128

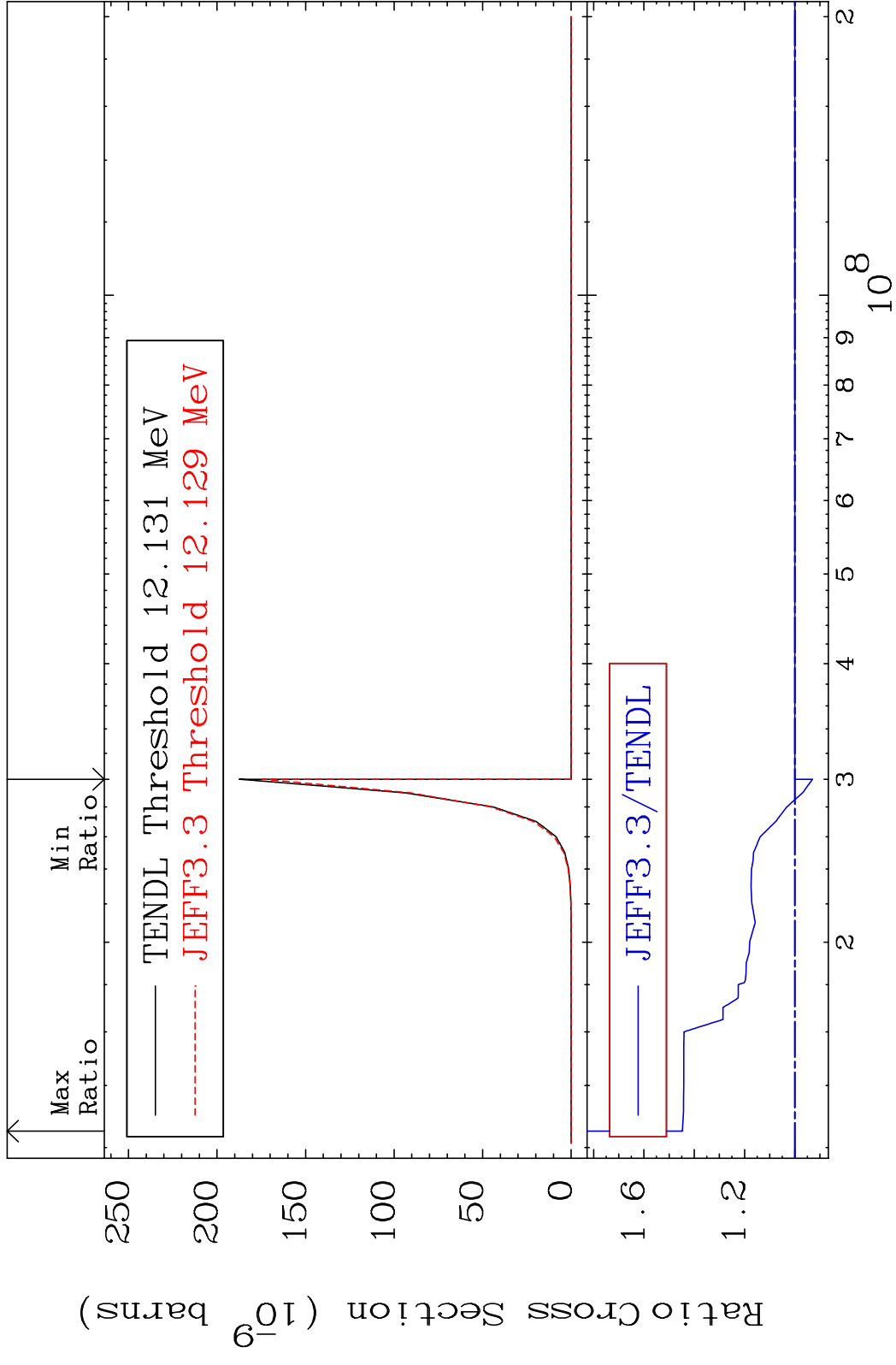
MAT 5249 (n, t):51-Sb-126m2 52-Te-128  
 Radionuclide Production Cross Section 0.000 %



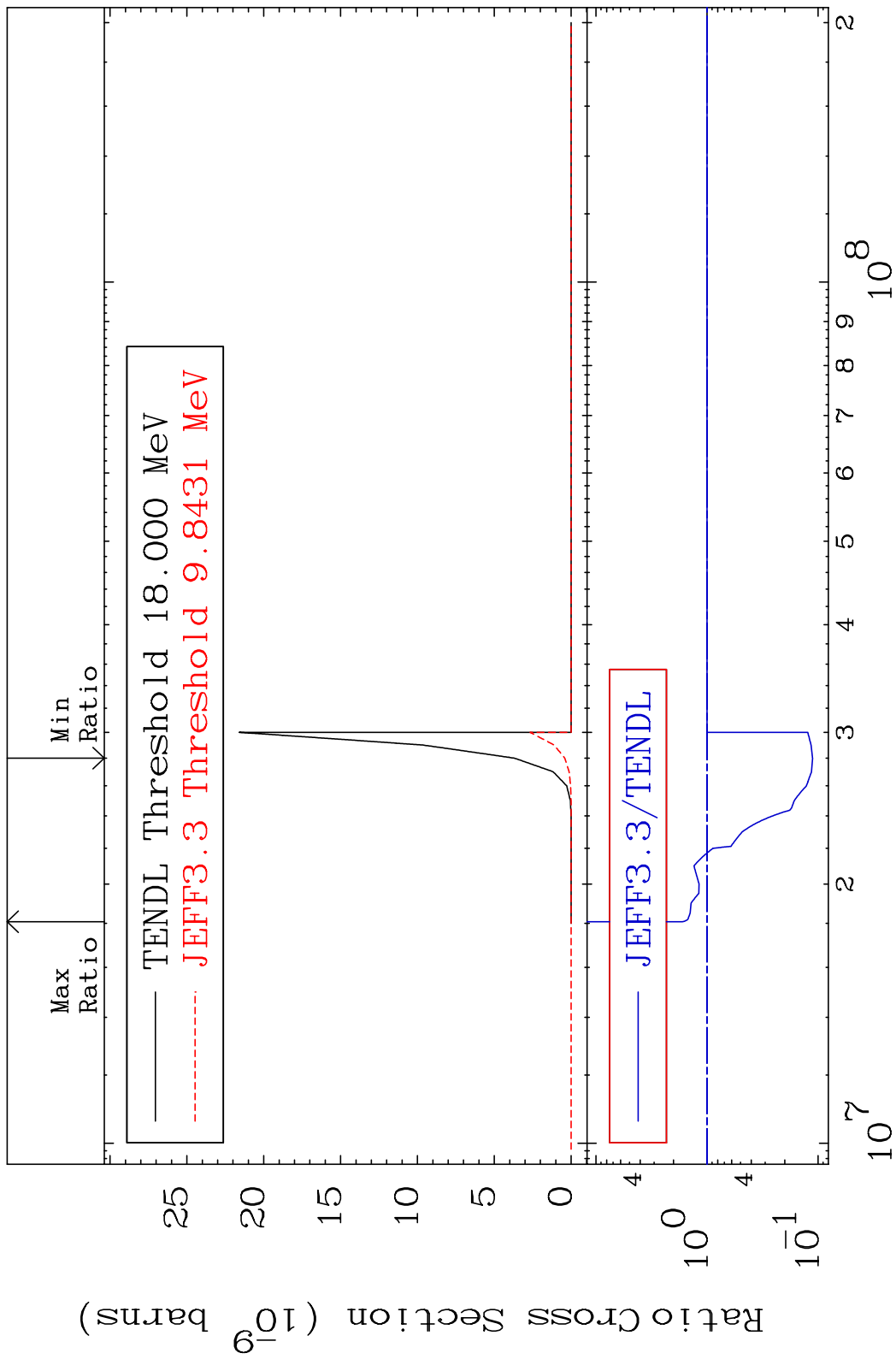
92 Incident Energy (eV) 52-Te-128



MAT 5249 (n, 2p):50-Sn-127m1 52-Te-128  
 Radionuclide Production Cross Section Ratio 44.72 %



MAT 5249 (n,p)  $\alpha$ :49-In-124g 52-Te-128  
 Radionuclide Production Cross Section Ratio 66.82 %



95 Incident Energy (eV) 52-Te-128



