

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

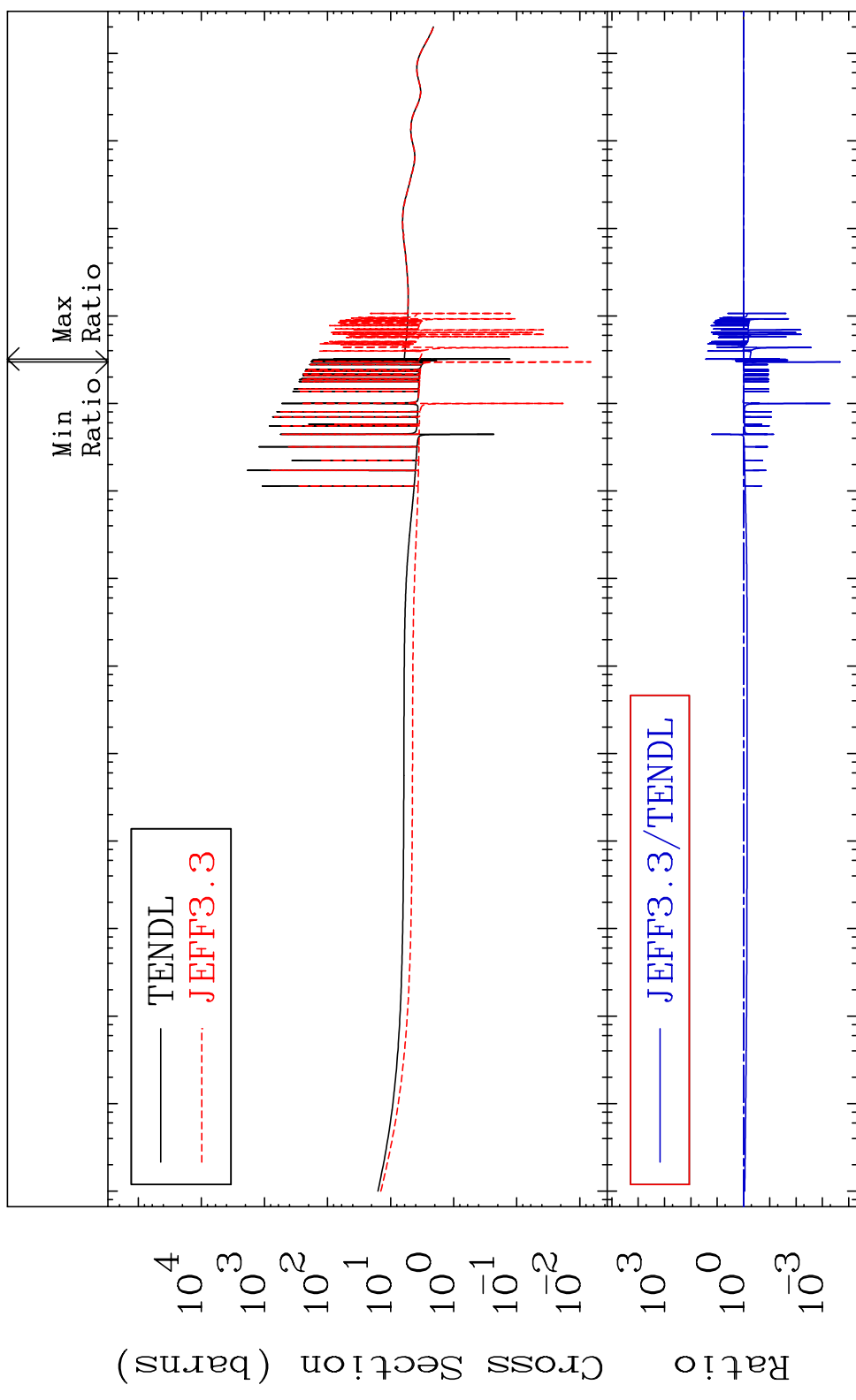
MAT 5255

Total

52-Te-130

Cross Section

-99.98 To 2606. %



1

Incident Energy (eV)

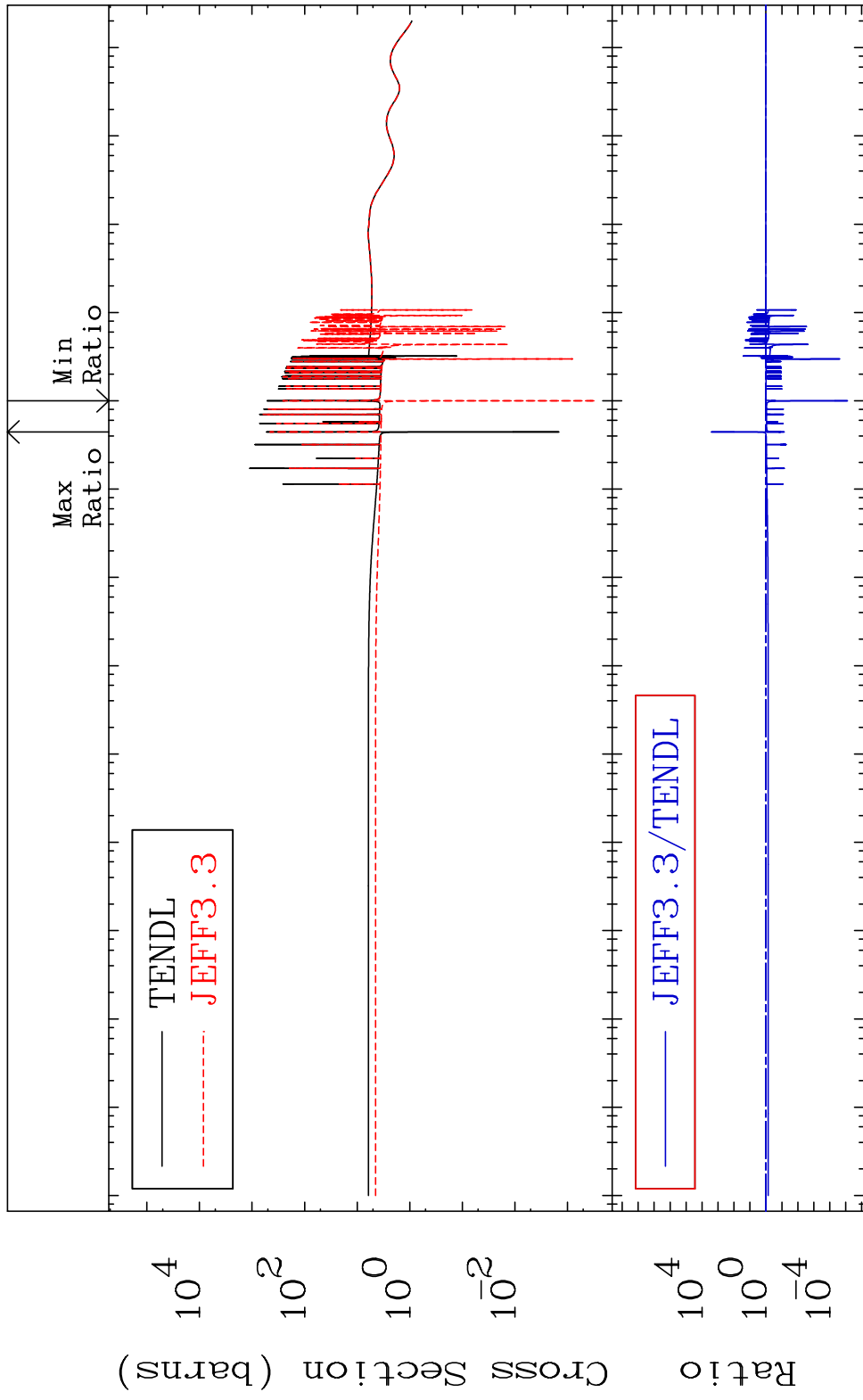
52-Te-130

MAT 5255

Elastic

52-Te-130

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

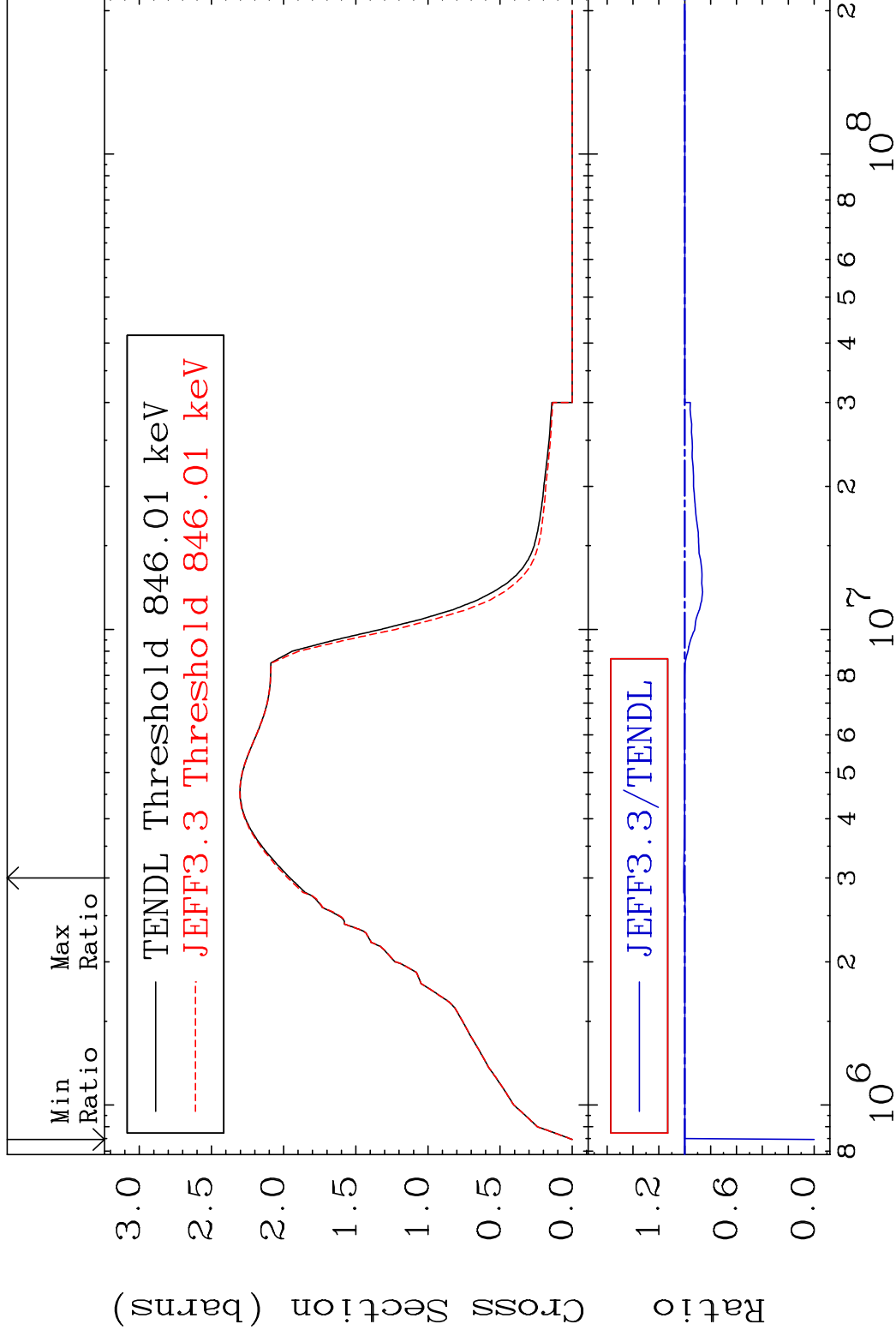
52-Te-130

MAT 5255

Inelastic

52-Te-130

Cross Section -100.0 To 0.824 %



3

Incident Energy (eV)

52-Te-130

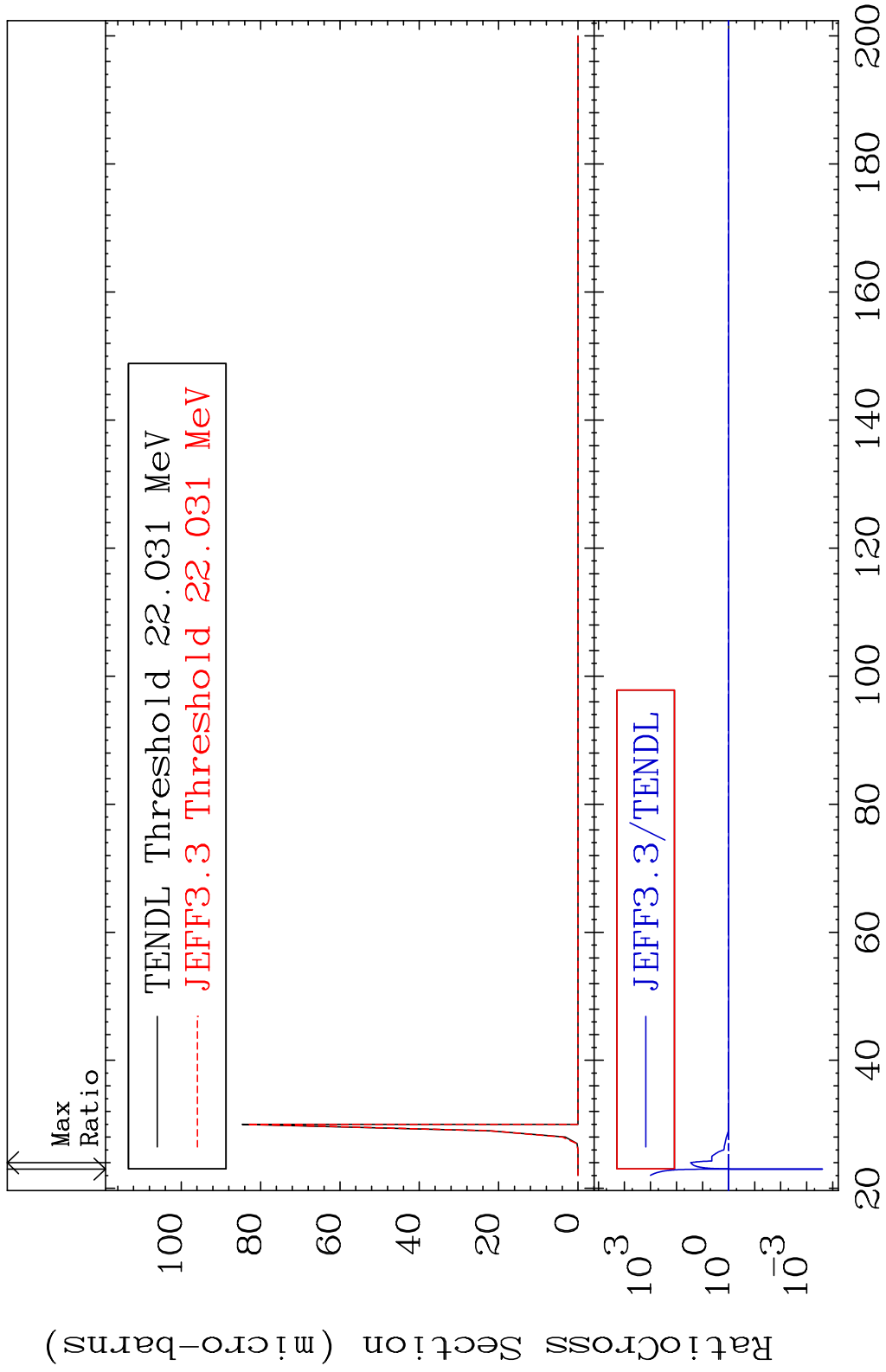
MAT 5255

(n,2n) d

52-Te-130

Cross Section

-99.97 To 2795. %

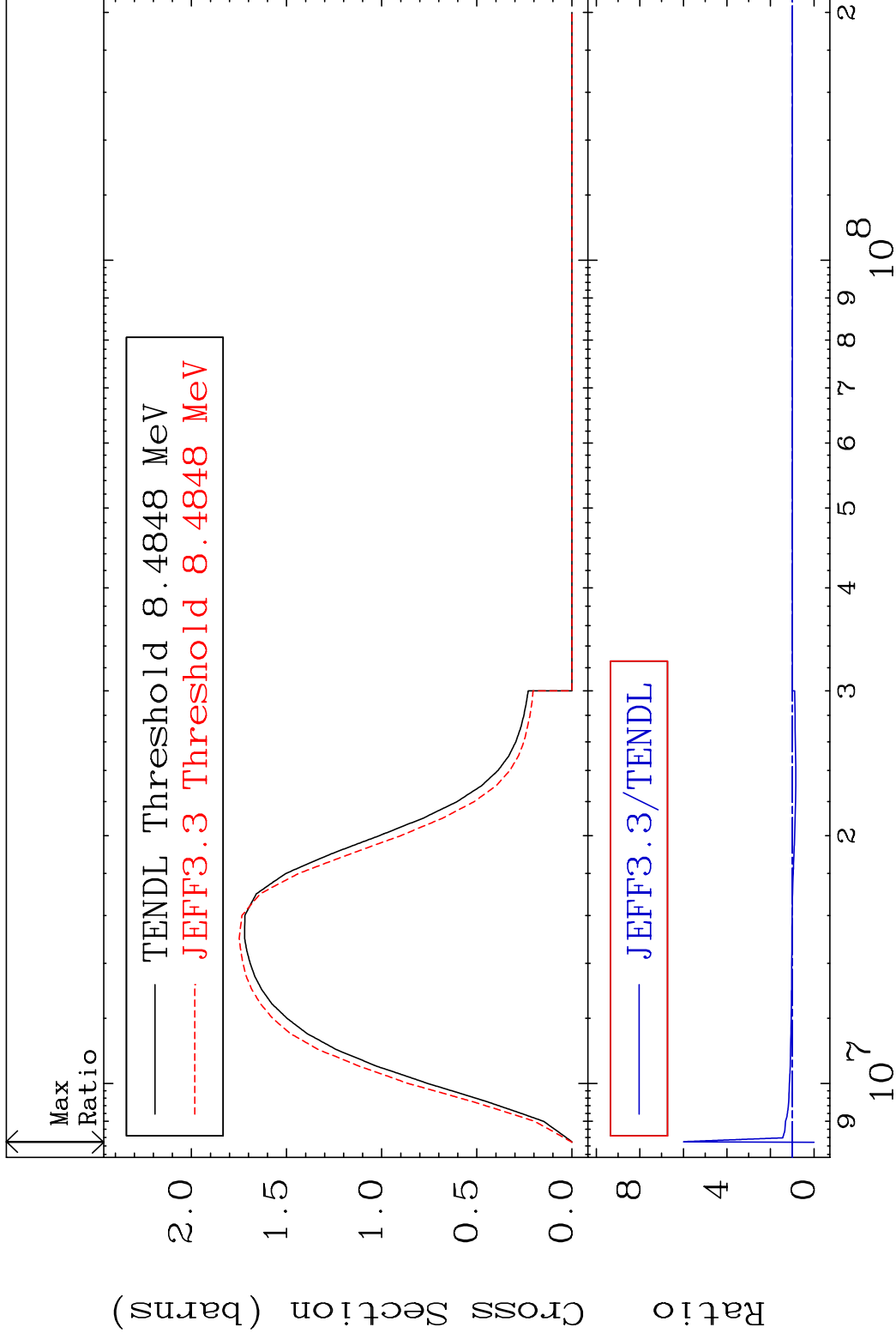


MAT 5255

(n,2n)

52-Te-130

Cross Section -100.0 To 499.7 %



5

Incident Energy (eV)

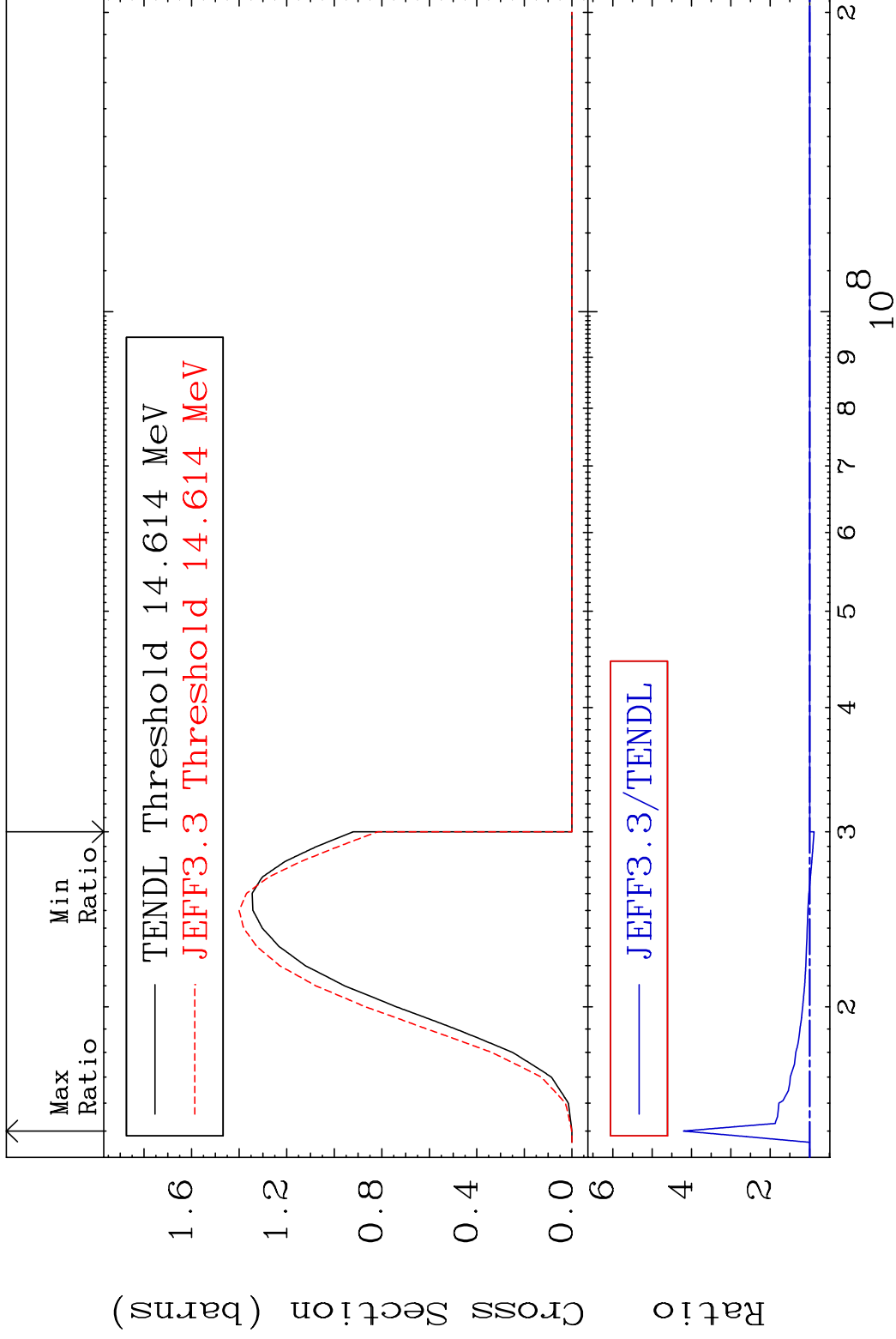
52-Te-130

MAT 5255

(n,3n)

52-Te-130

Cross Section -11.18 To 320.4 %

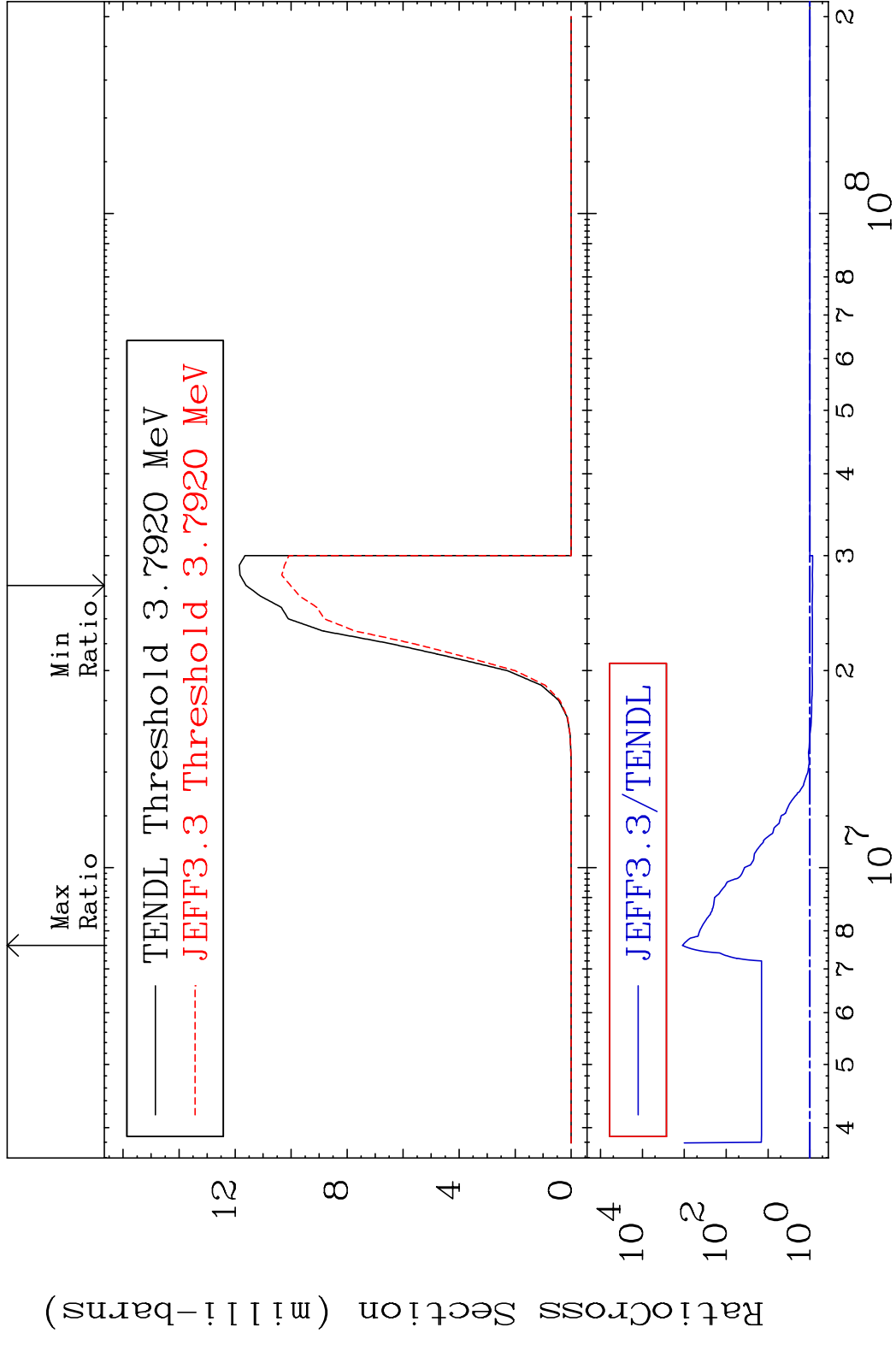


6

Incident Energy (eV)

52-Te-130

MAT 5255 (n, n')  $\alpha$  52-Te-130  
 Cross Section -13.67 To 9999. %



7 Incident Energy (eV) 52-Te-130

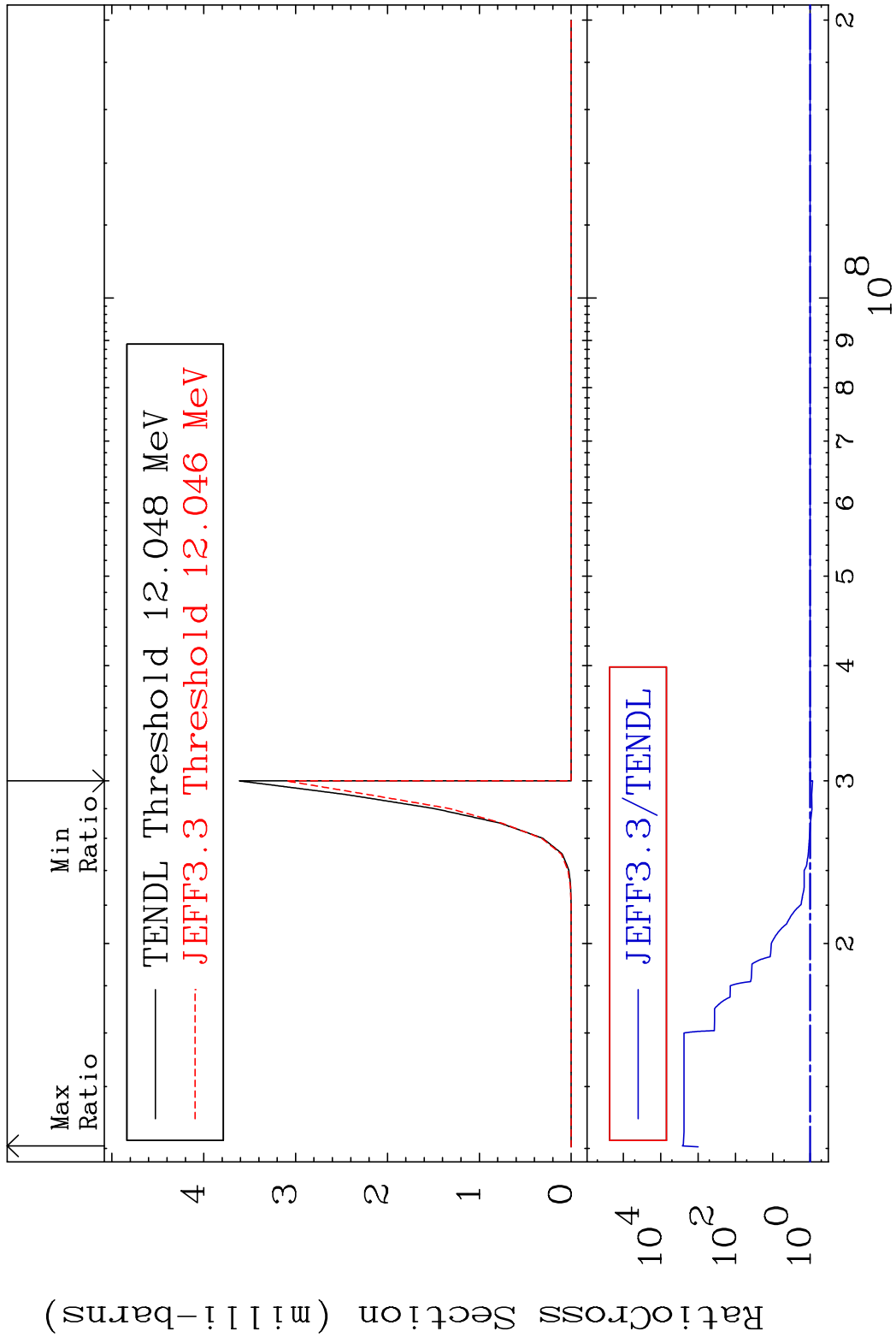


MAT 5255

(n,2n)  $\alpha$

52-Te-130

Cross Section -14.07 To 9999. %

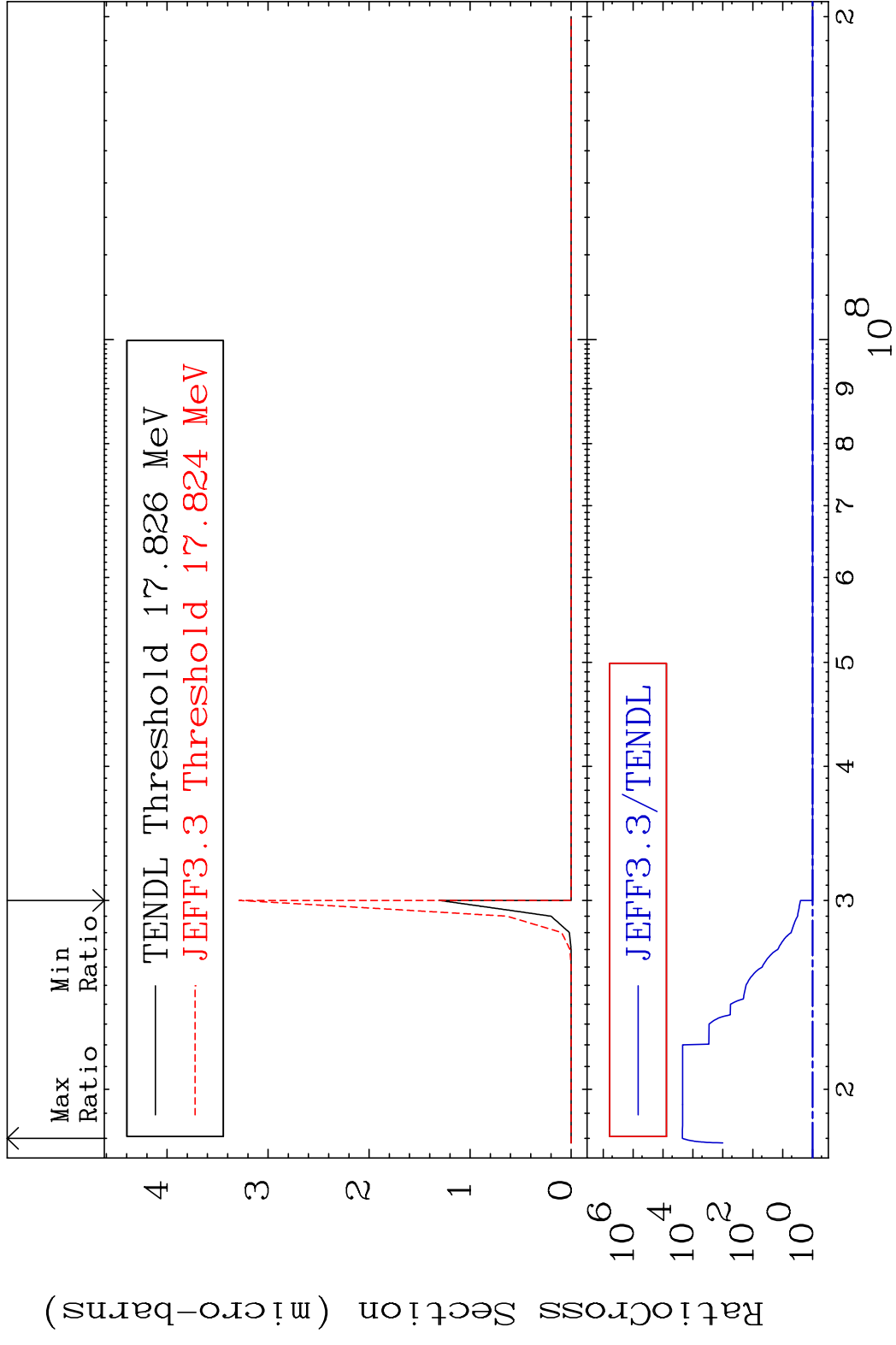


8

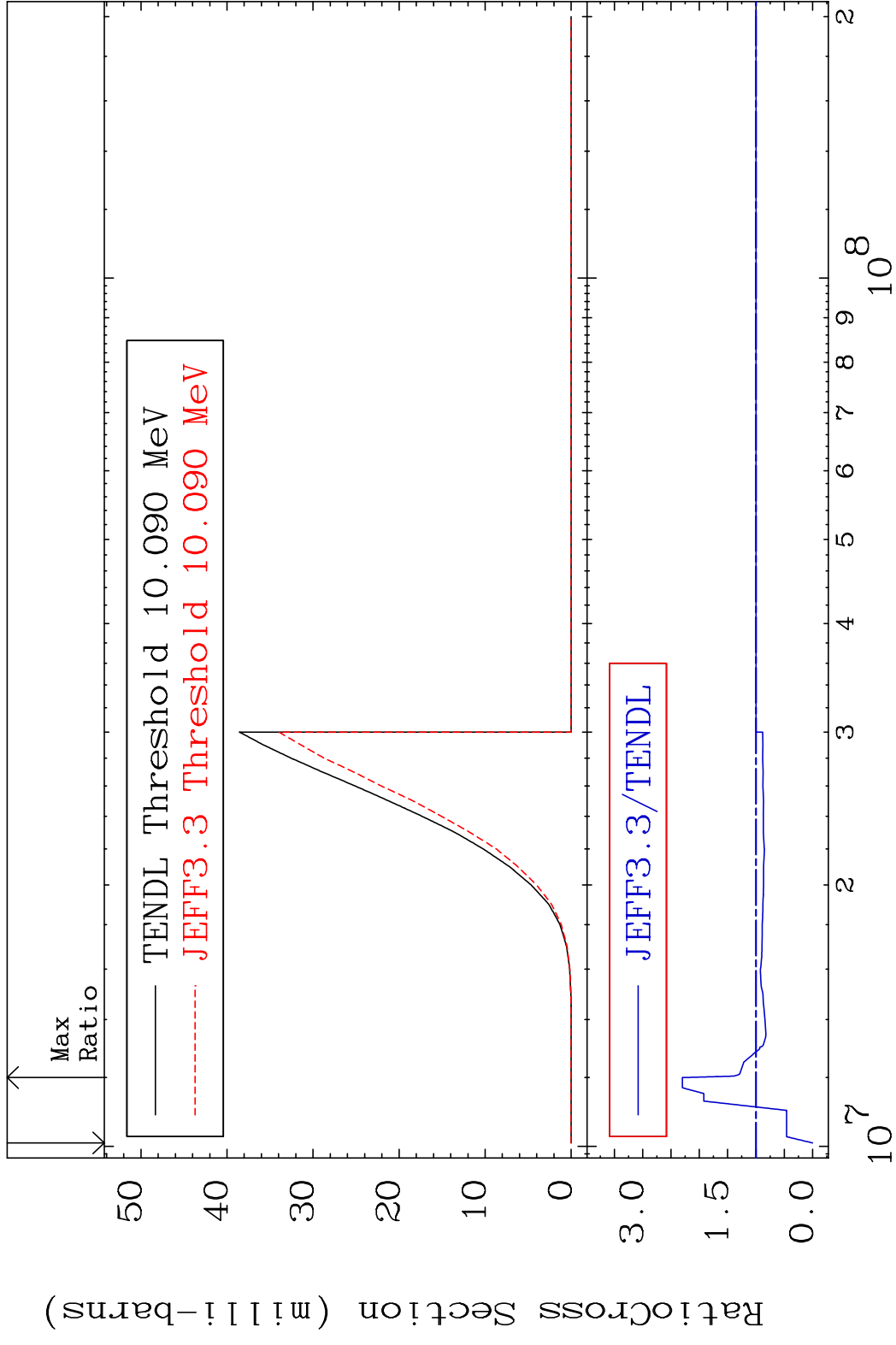
Incident Energy (eV)

52-Te-130

MAT 5255 (n,3n)  $\alpha$  52-Te-130  
 Cross Section 0.000 To 9999. %



MAT 5255 (n, n') p 52-Te-130  
 Cross Section -100.0 To 130.0 %



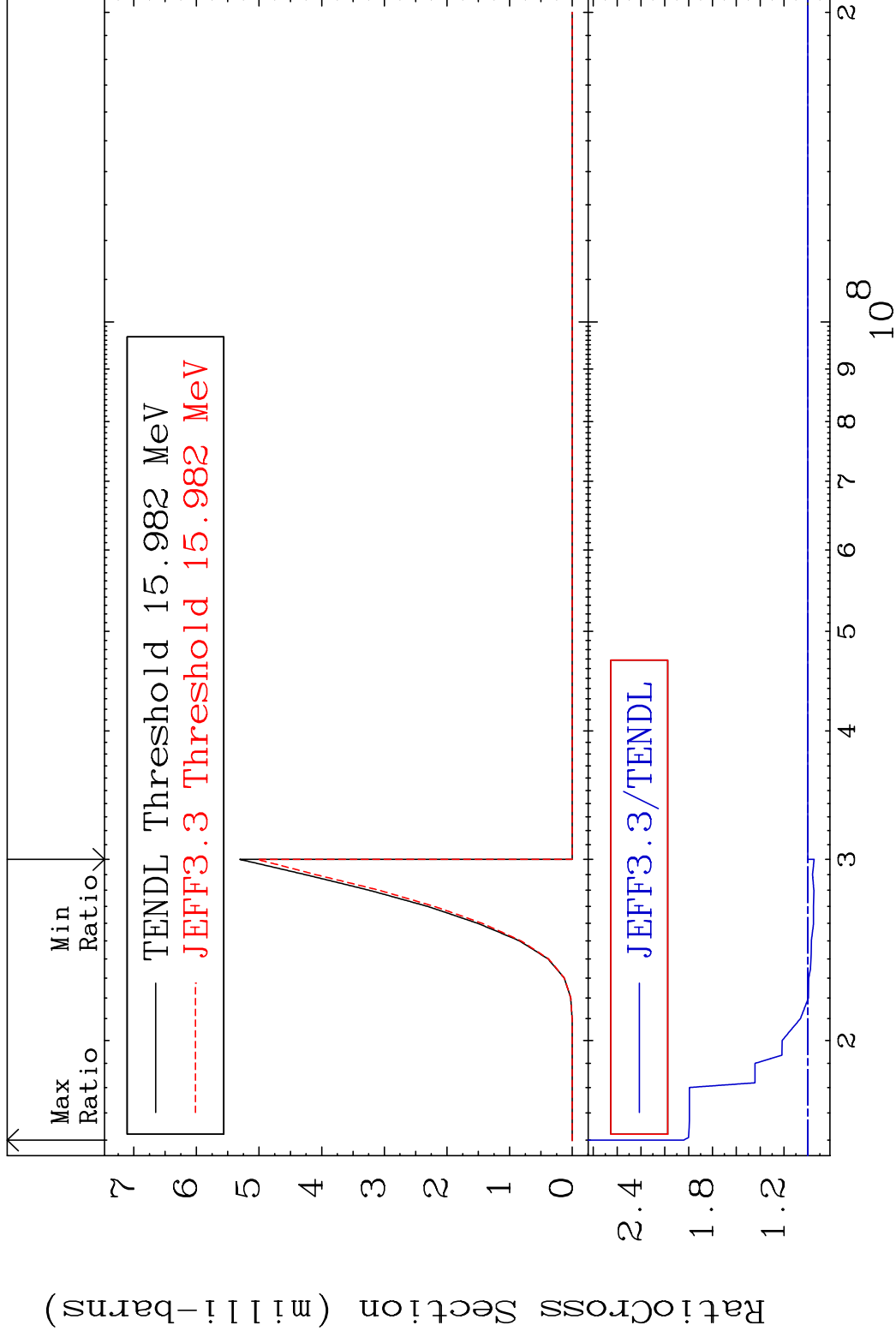
10 10 2

MAT 5255

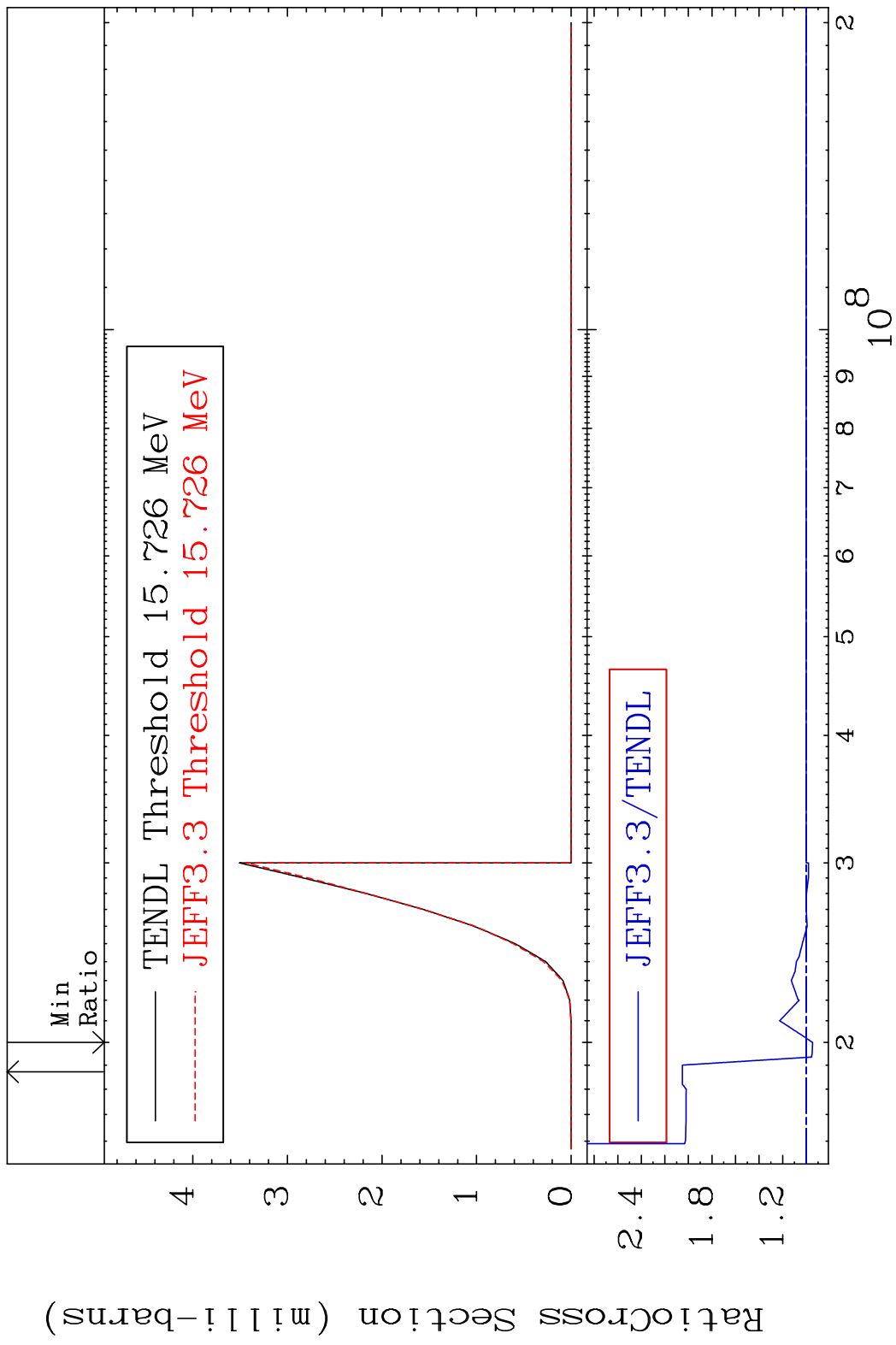
(n, n') d

52-Te-130

Cross Section -5.246 To 104.2 %



MAT 5255 (n, n') t 52-Te-130  
 Cross Section -5.391 To 105.1 %

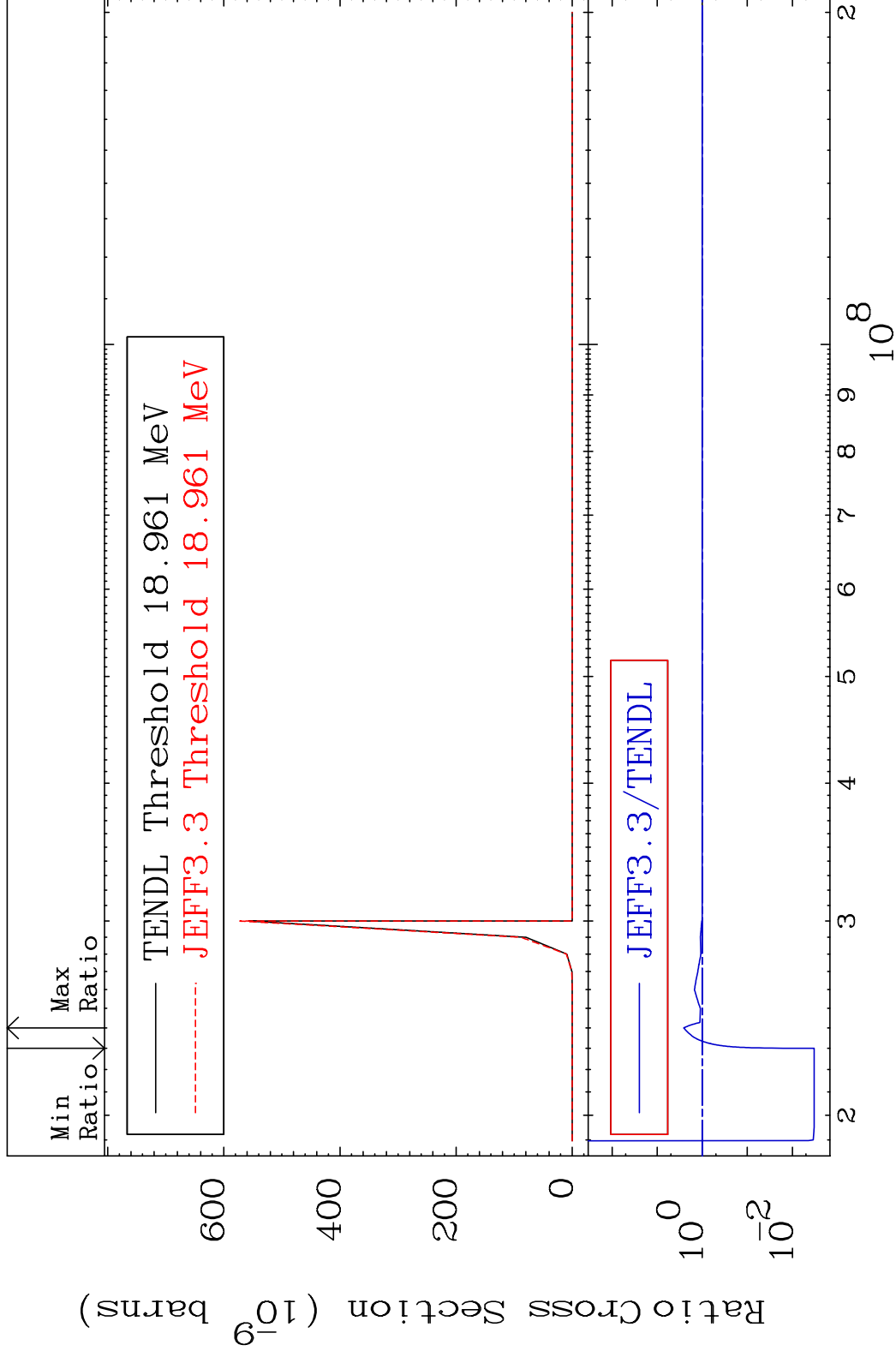


MAT 5255

(n,n') He-3

52-Te-130

Cross Section -99.67 To 159.1 %

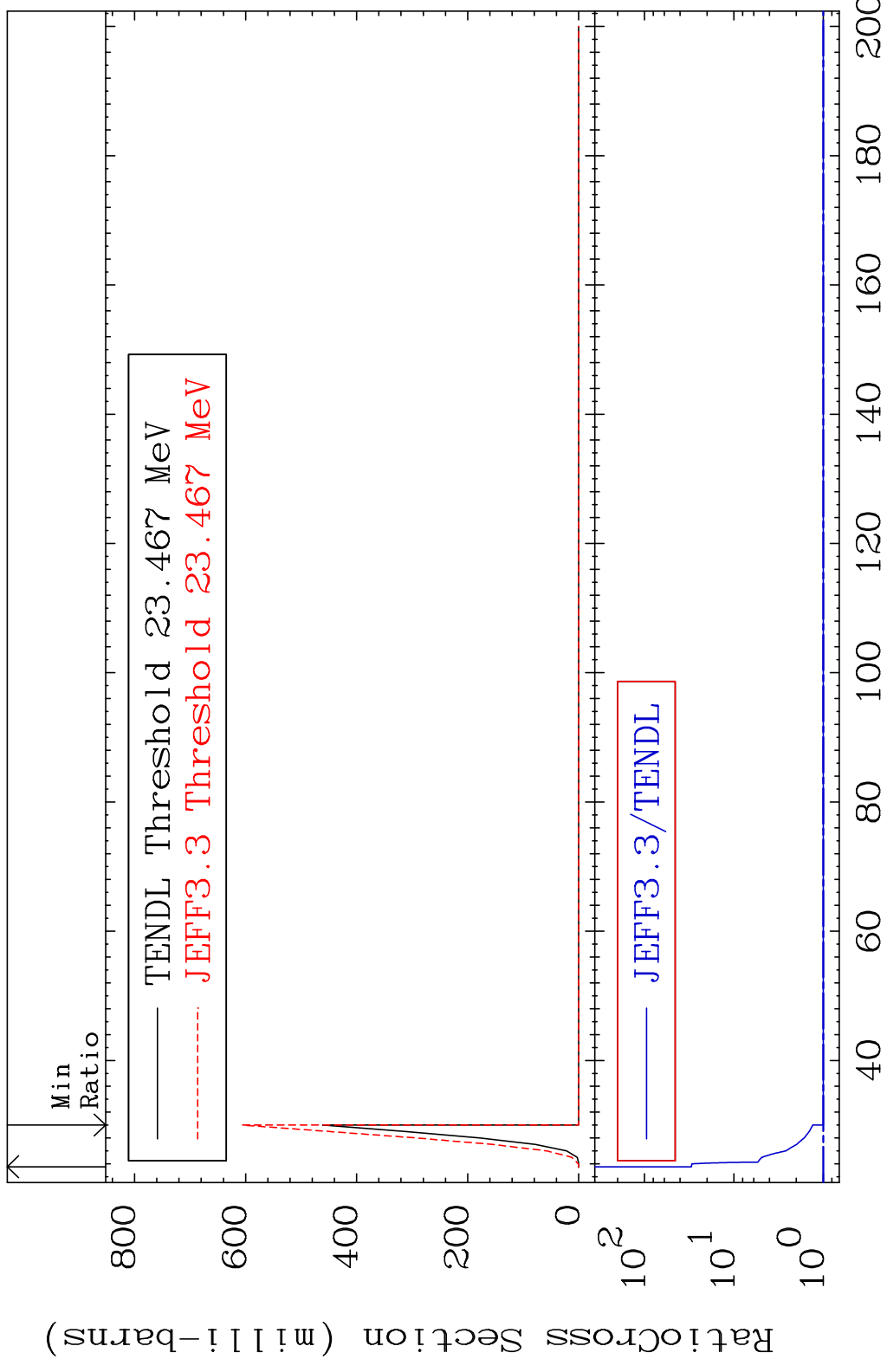


13

Incident Energy (eV)

52-Te-130

MAT 5255 (n,4n) 52-Te-130  
 Cross Section 0.000 To 2896. %

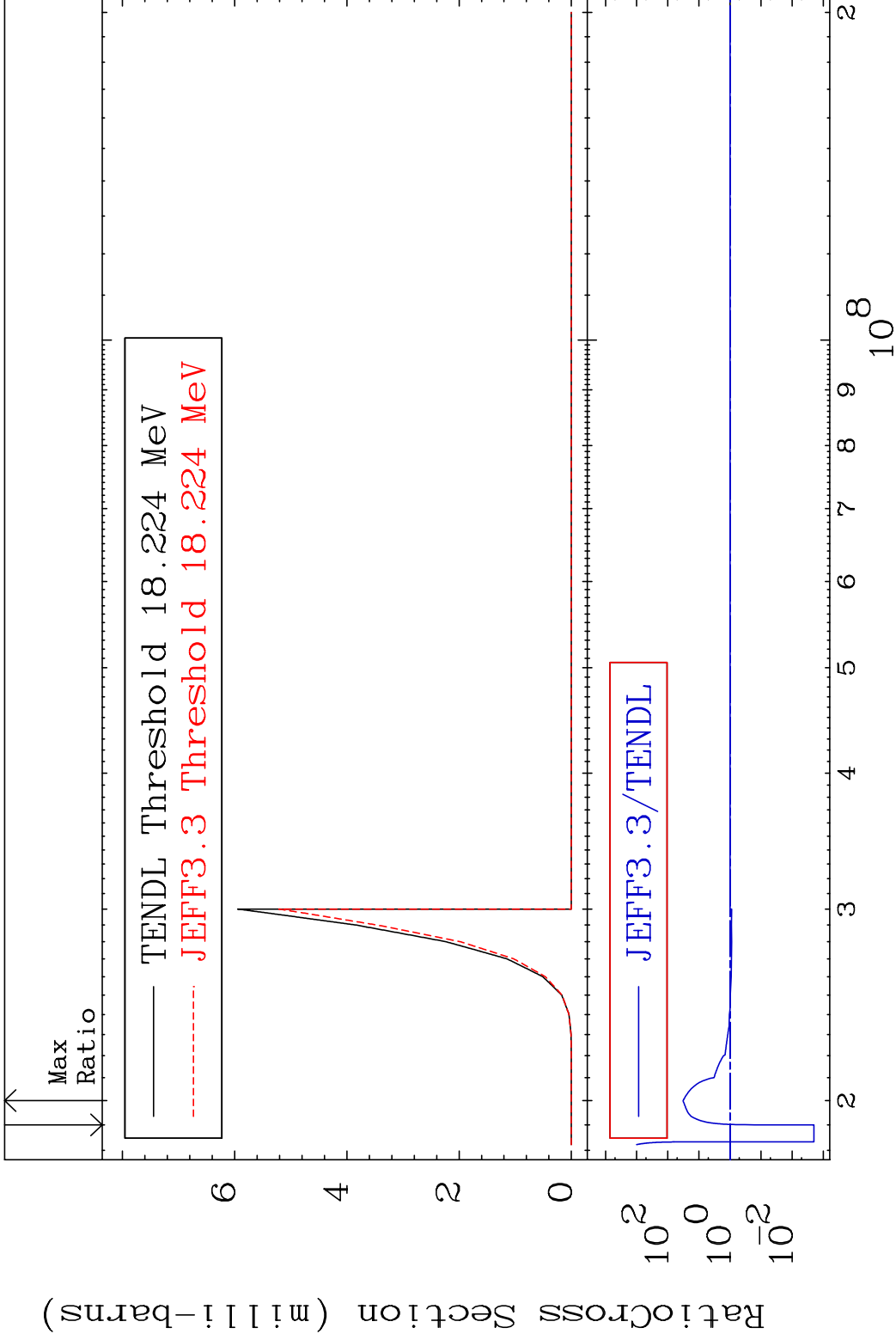


MAT 5255

(n,2n) p

52-Te-130

Cross Section -99.80 To 3126. %



15

Incident Energy (eV)

52-Te-130



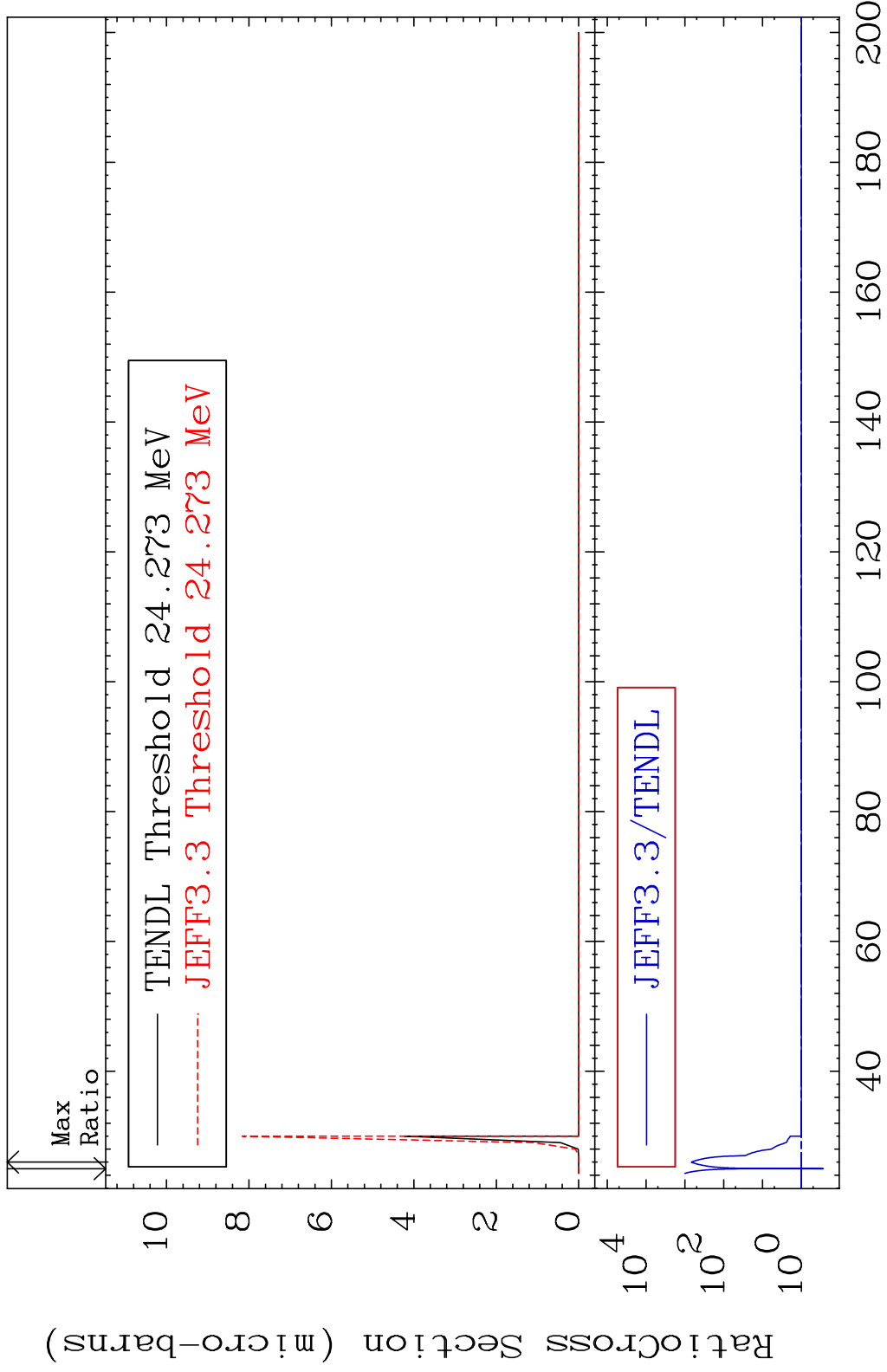
MAT 5255

(n,3n) p

52-Te-130

Cross Section

-72.71 To 9999. %



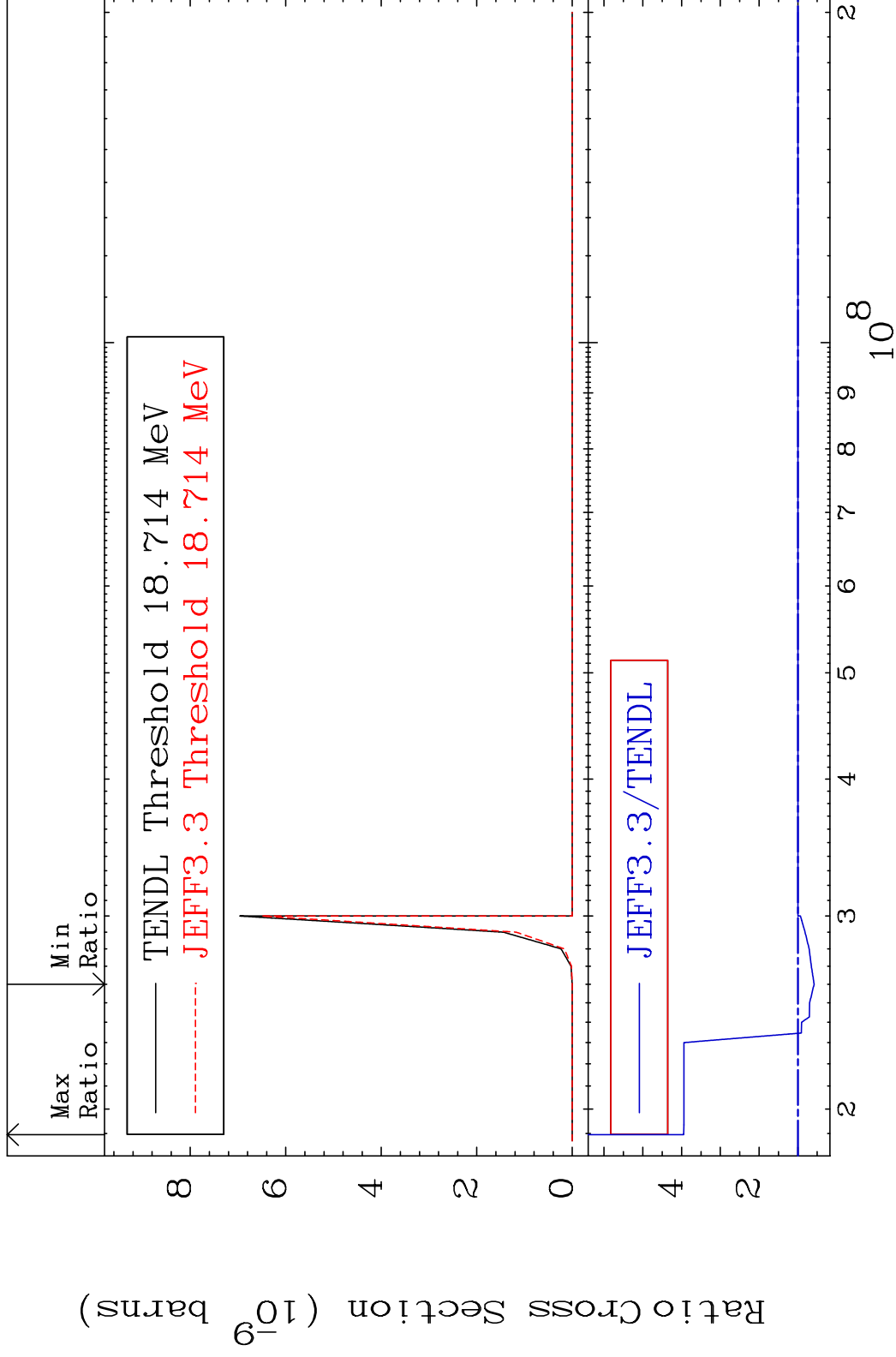
MAT 5255

(n,2n) p

52-Te-130

Cross Section

-41.91 To 294.6 %

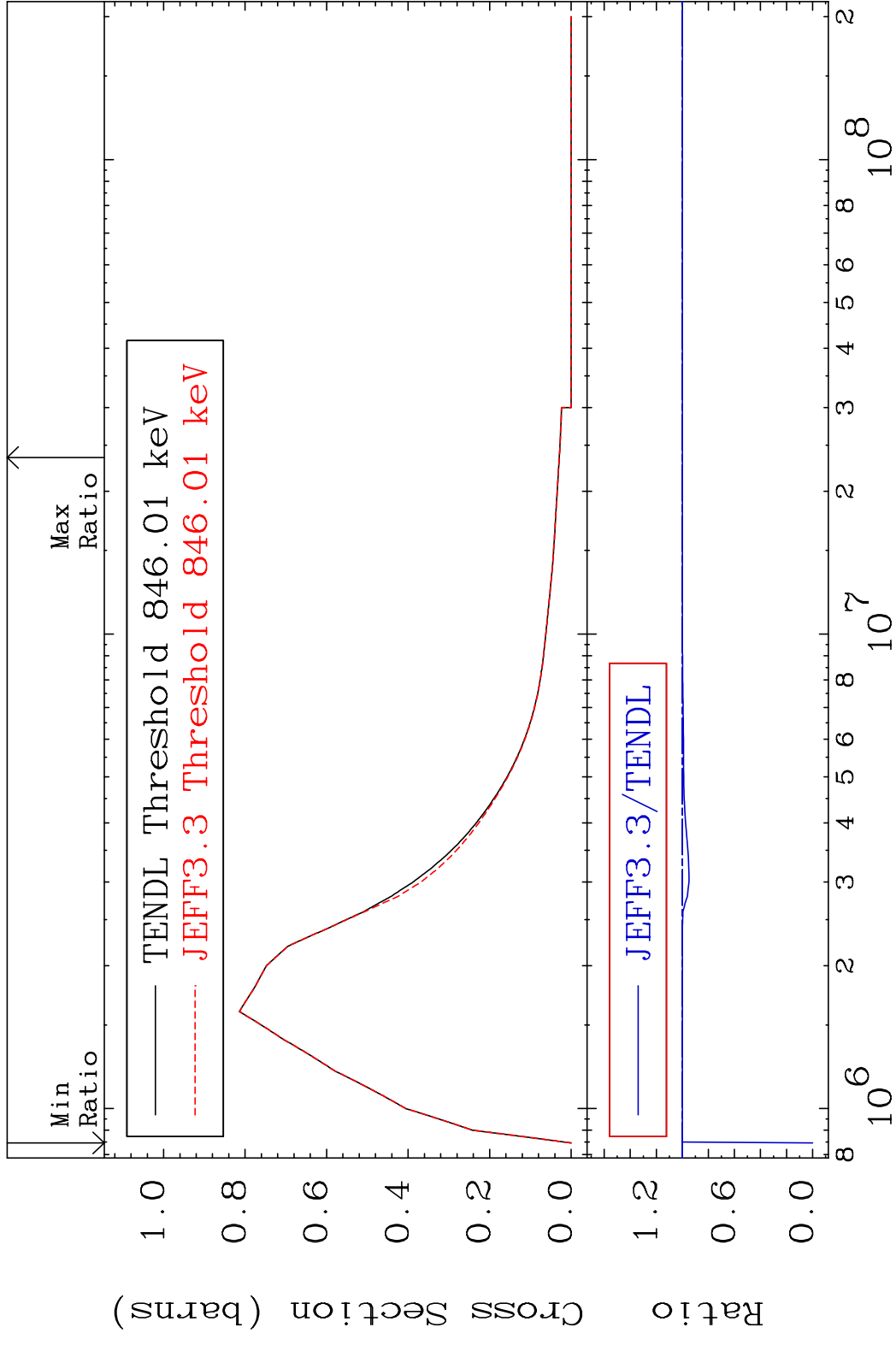


17

Incident Energy (eV)

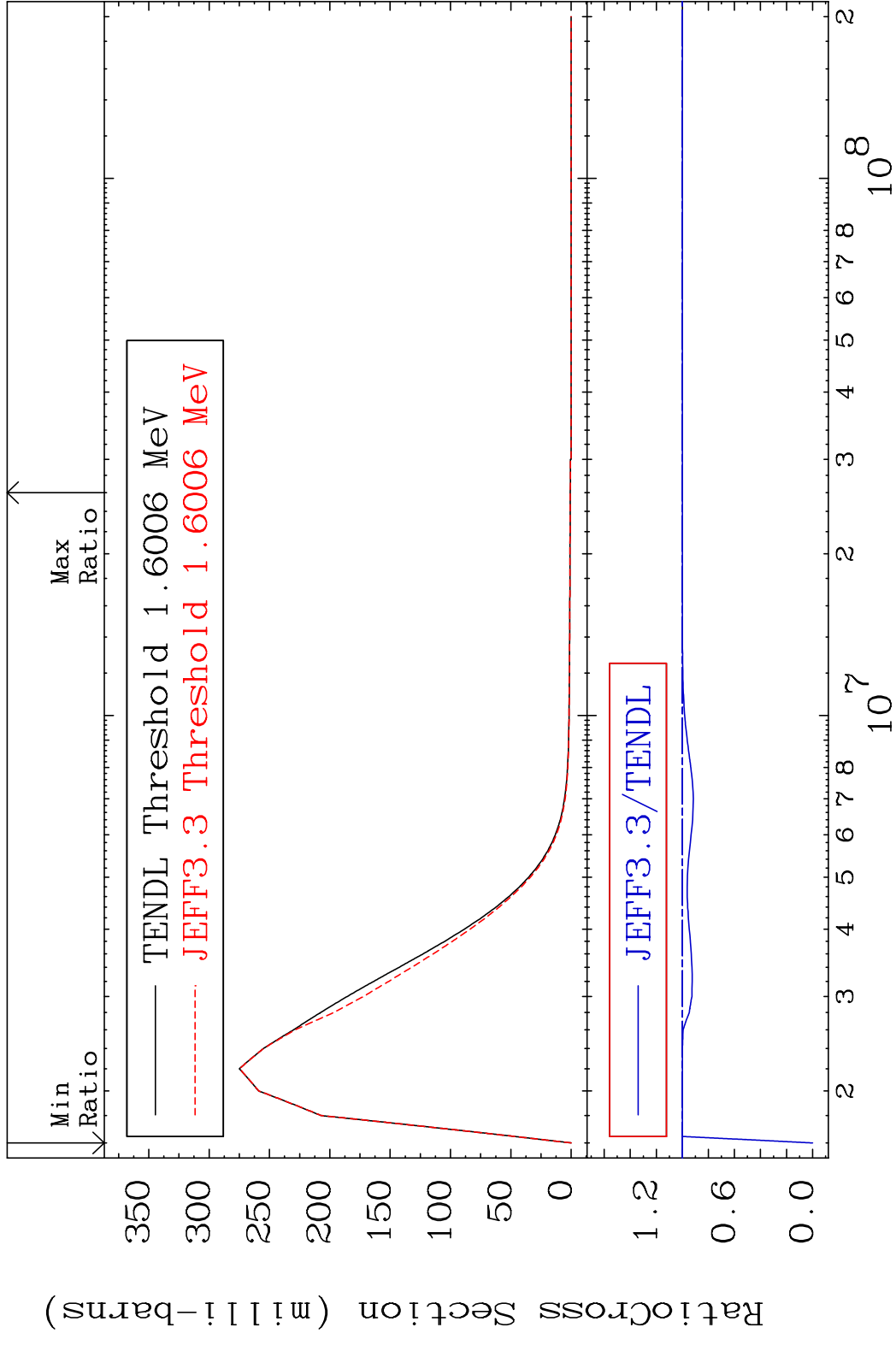
52-Te-130

MAT 5255 MT= 51 (n, n') Level 52-Te-130  
 Cross Section -100.0 To 0.000 %

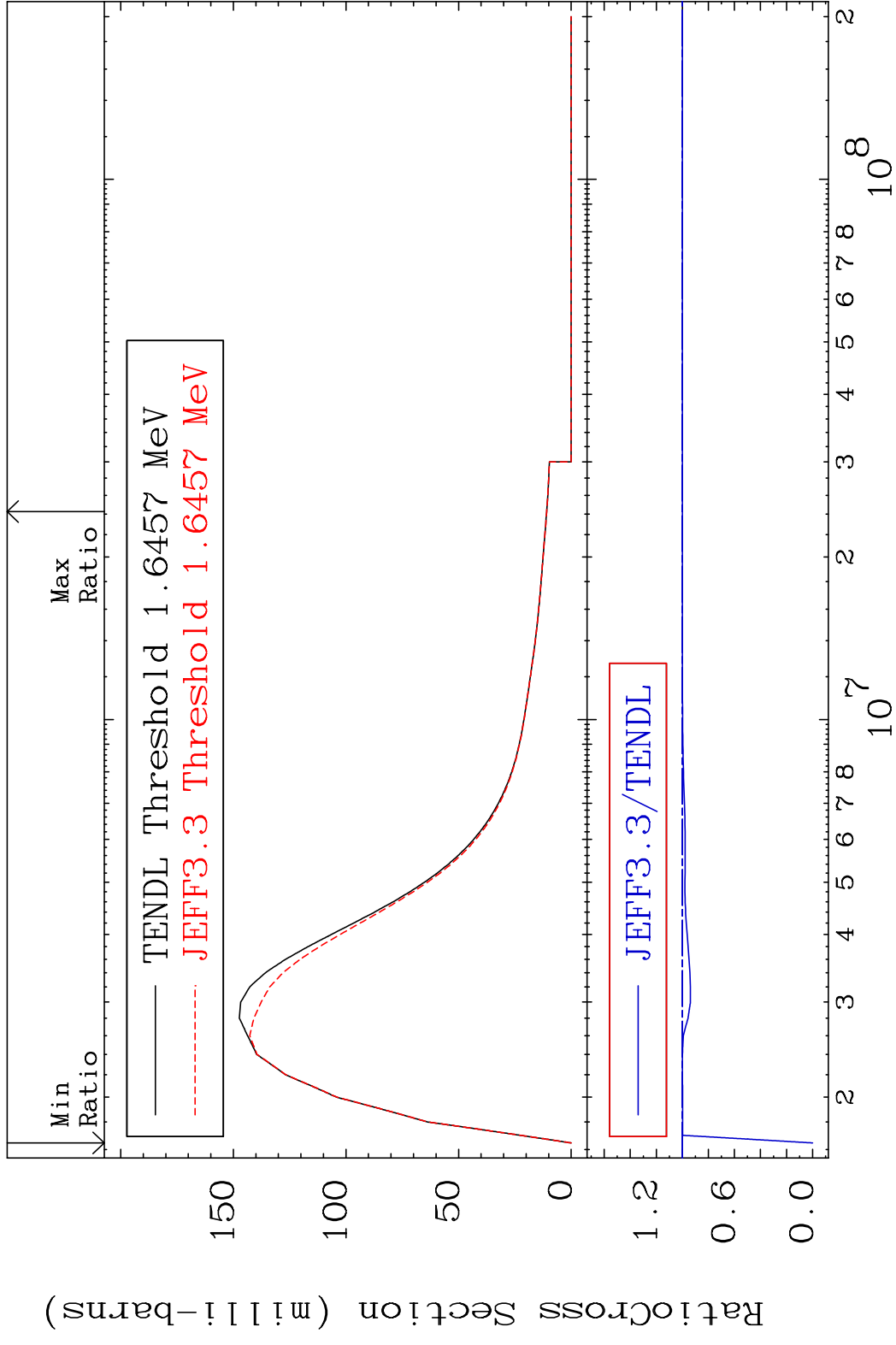


18 Incident Energy (eV) 52-Te-130

MAT 5255 MT= 52 (n, n') Level 52-Te-130  
 Cross Section -100.0 To 0.000 %

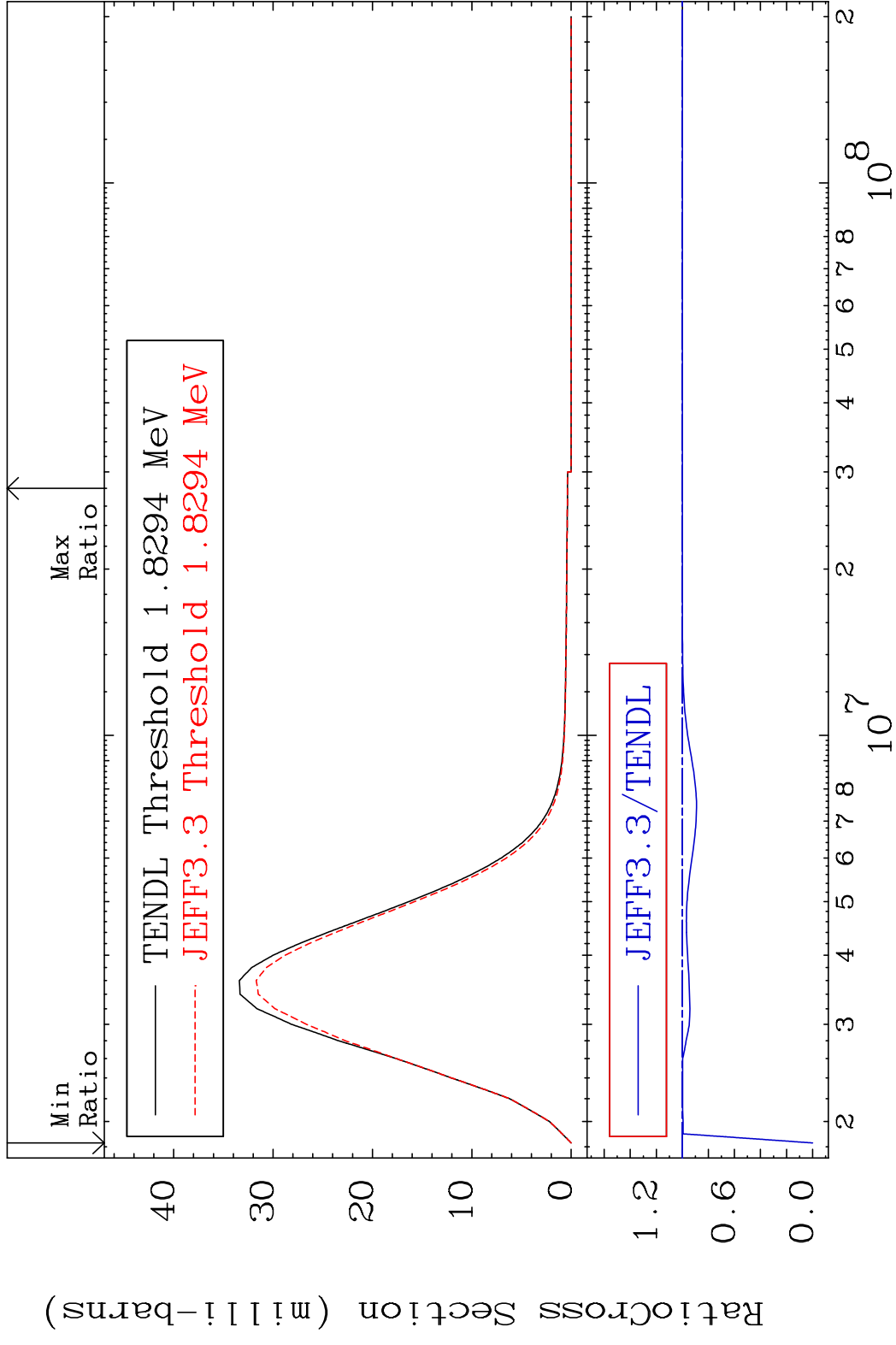


MAT 5255 MT= 53 (n, n') Level 52-Te-130  
 Cross Section -100.0 To 0.000 %

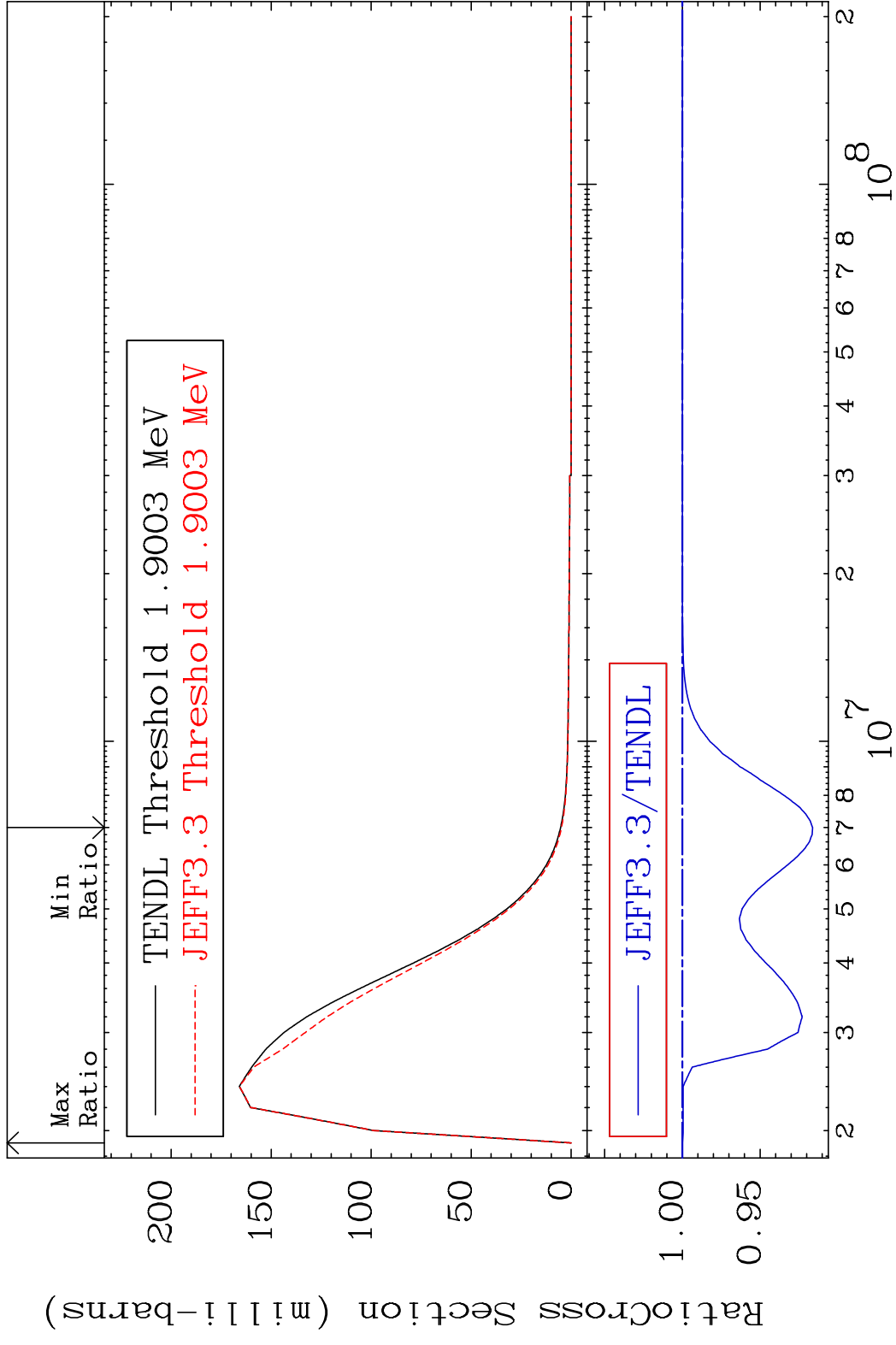


20 Incident Energy (eV) 52-Te-130

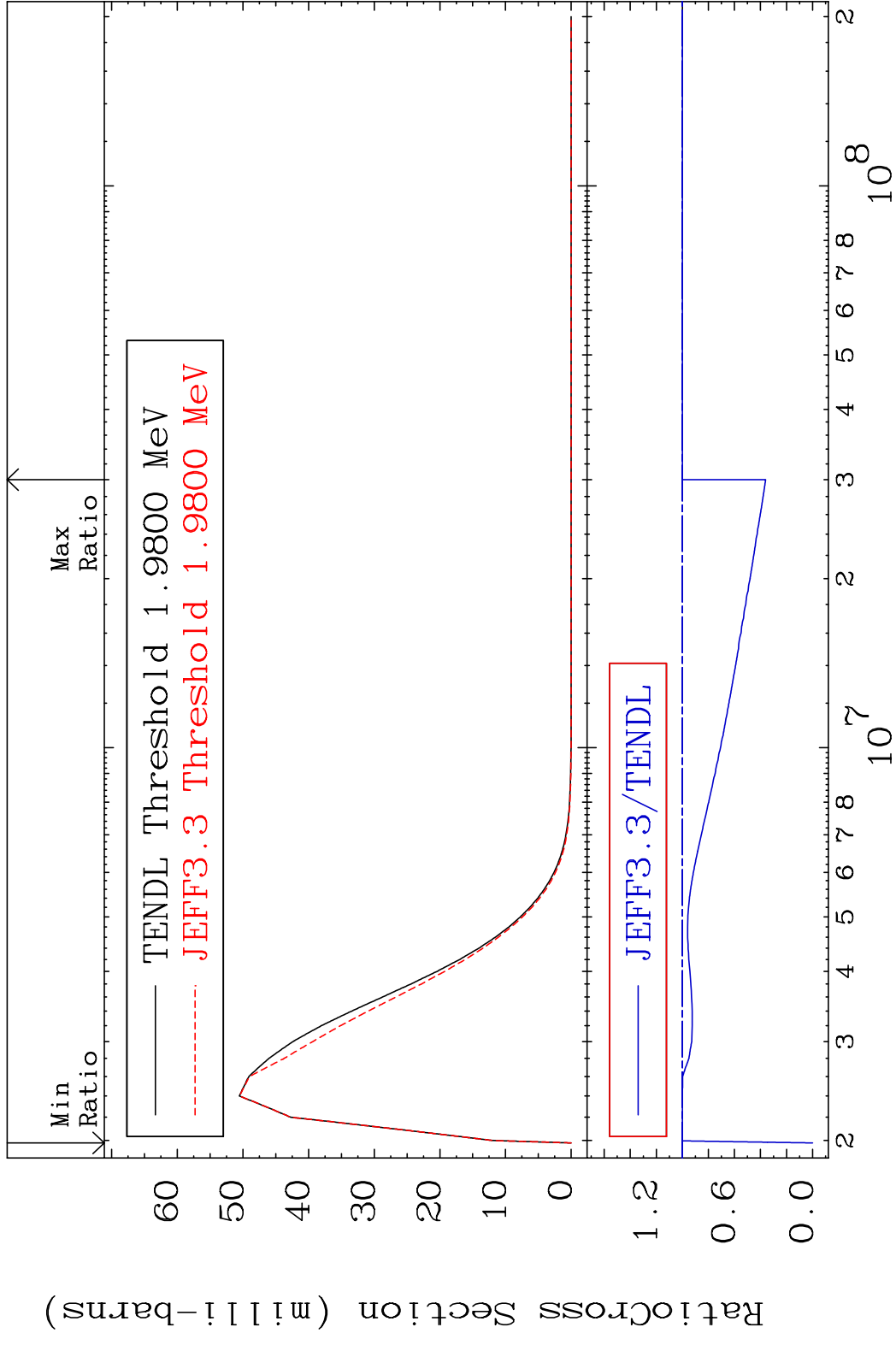
MAT 5255 MT= 54 (n, n') Level 52-Te-130  
 Cross Section -100.0 To 0.000 %



MAT 5255 MT= 55 (n,n') Level 52-Te-130  
 Cross Section -8.380 To 0.000 %

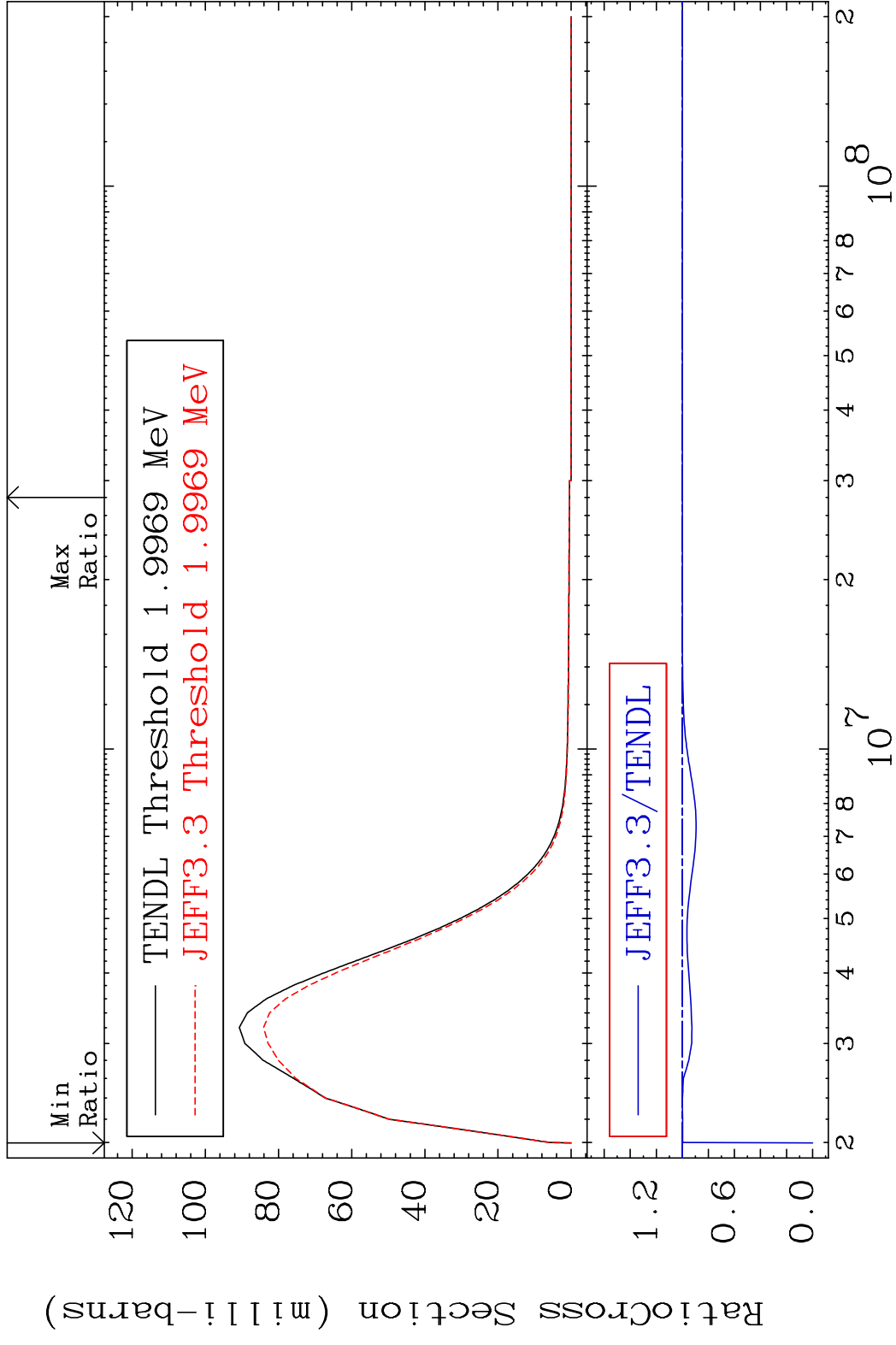


MAT 5255 MT= 56 (n, n') Level 52-Te-130  
 Cross Section -100.0 To 0.000 %

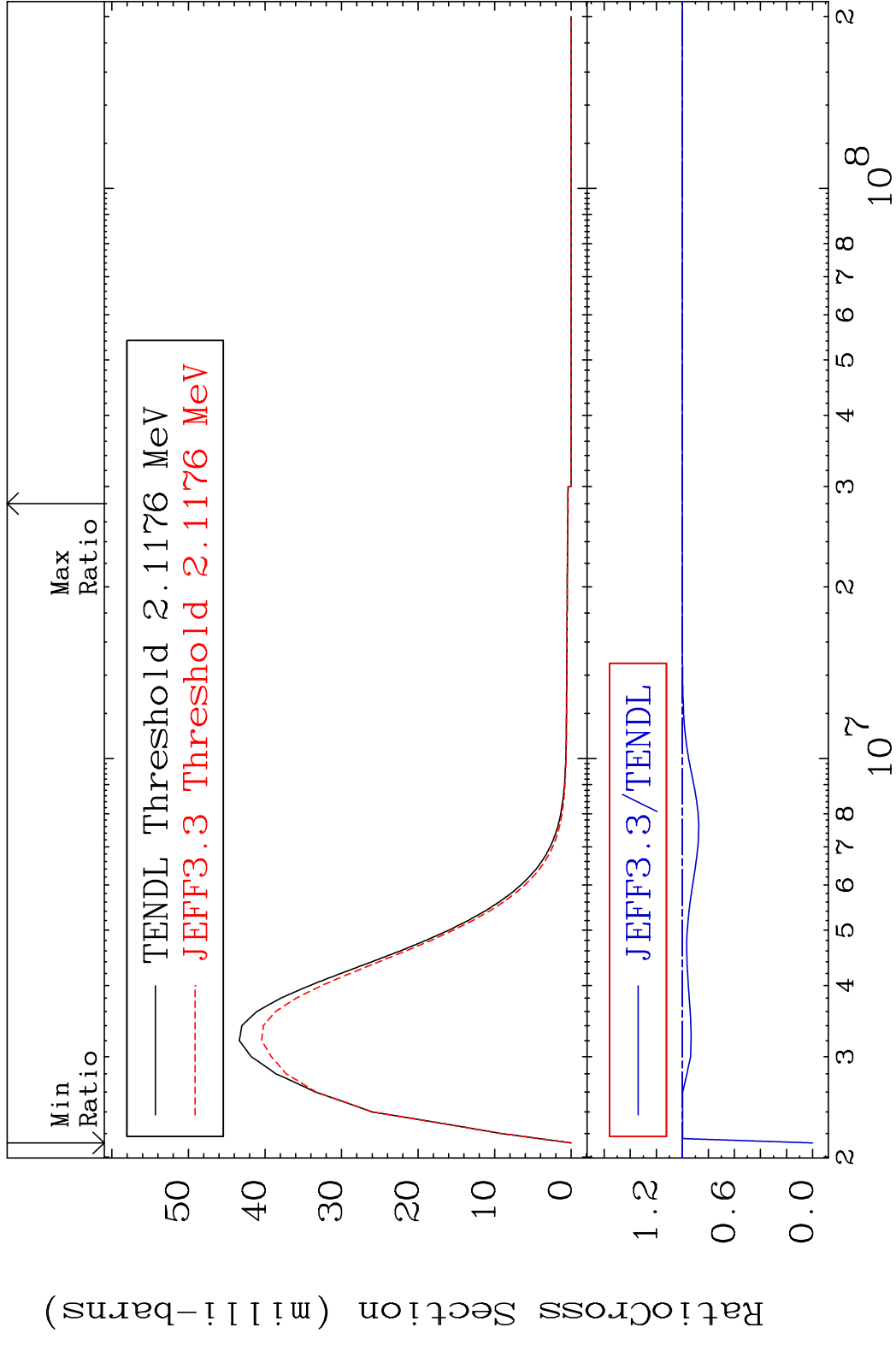




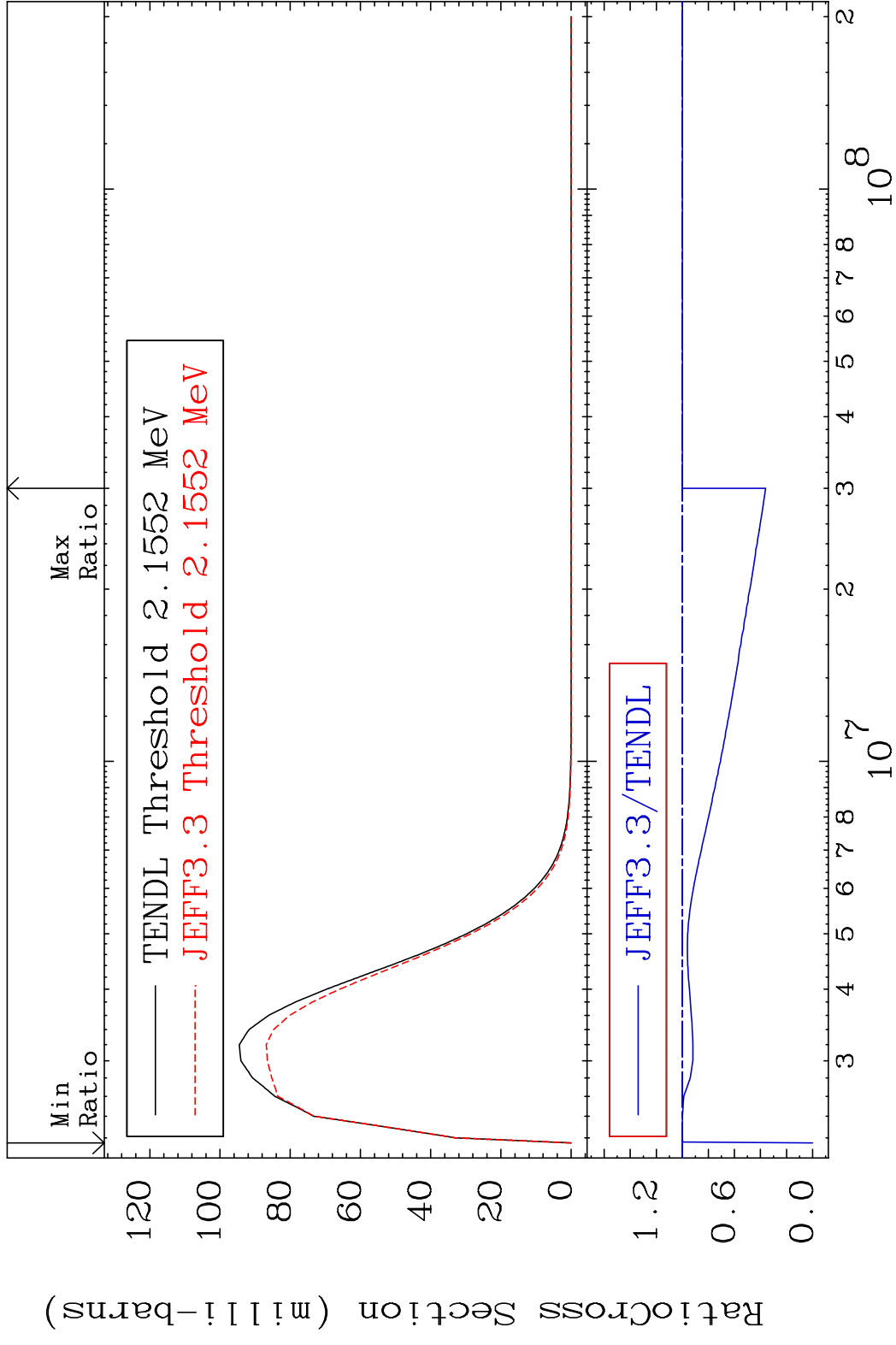
MAT 5255 MT= 57 (n, n') Level 52-Te-130  
 Cross Section -100.0 To 0.000 %



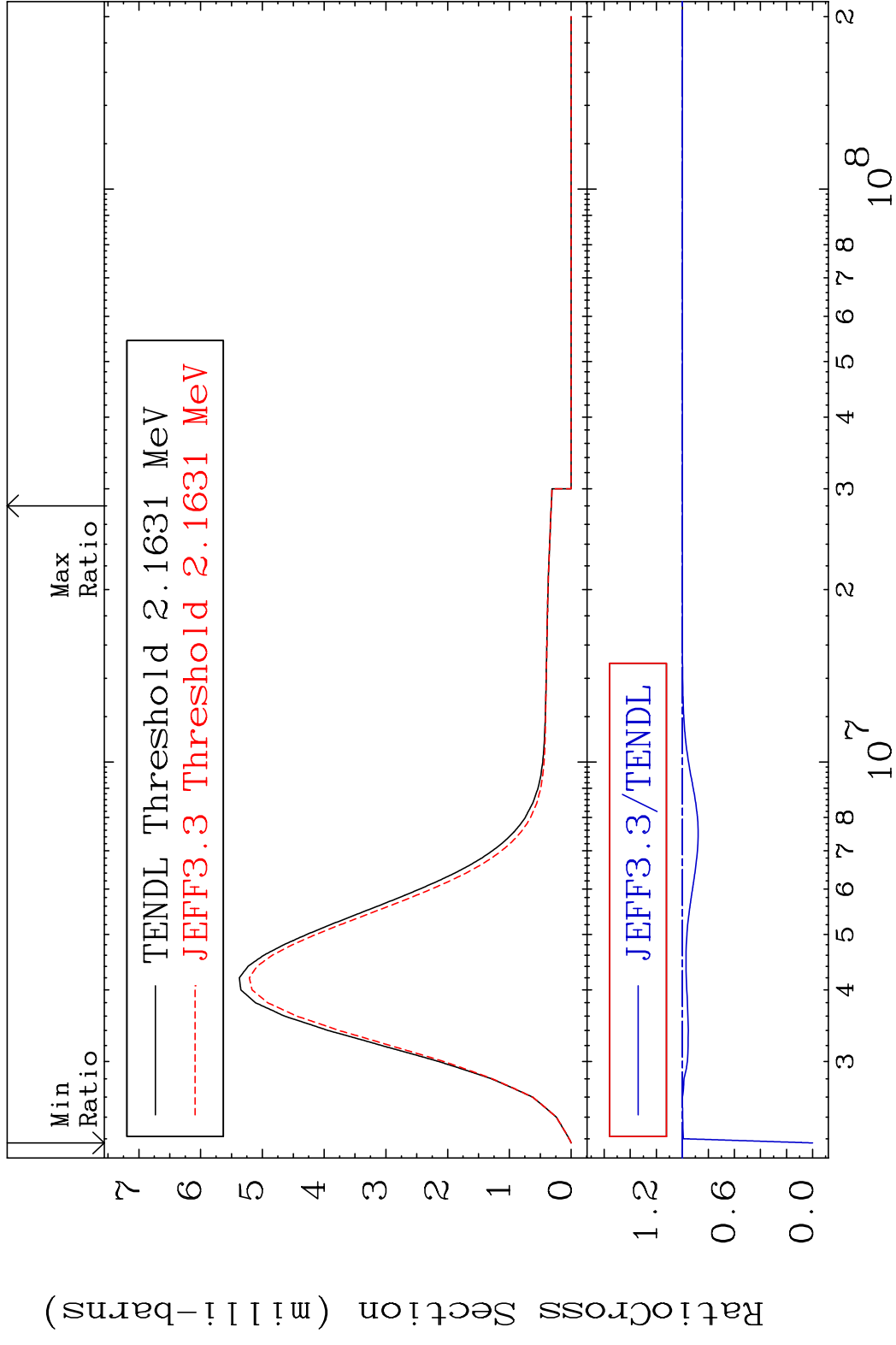
MAT 5255 MT= 58 (n, n') Level 52-Te-130  
 Cross Section -100.0 To 0.000 %



MAT 5255 MT= 59 (n, n') Level 52-Te-130  
 Cross Section -100.0 To 0.000 %



MAT 5255 MT= 60 (n, n') Level 52-Te-130  
 Cross Section -100.0 To 0.000 %

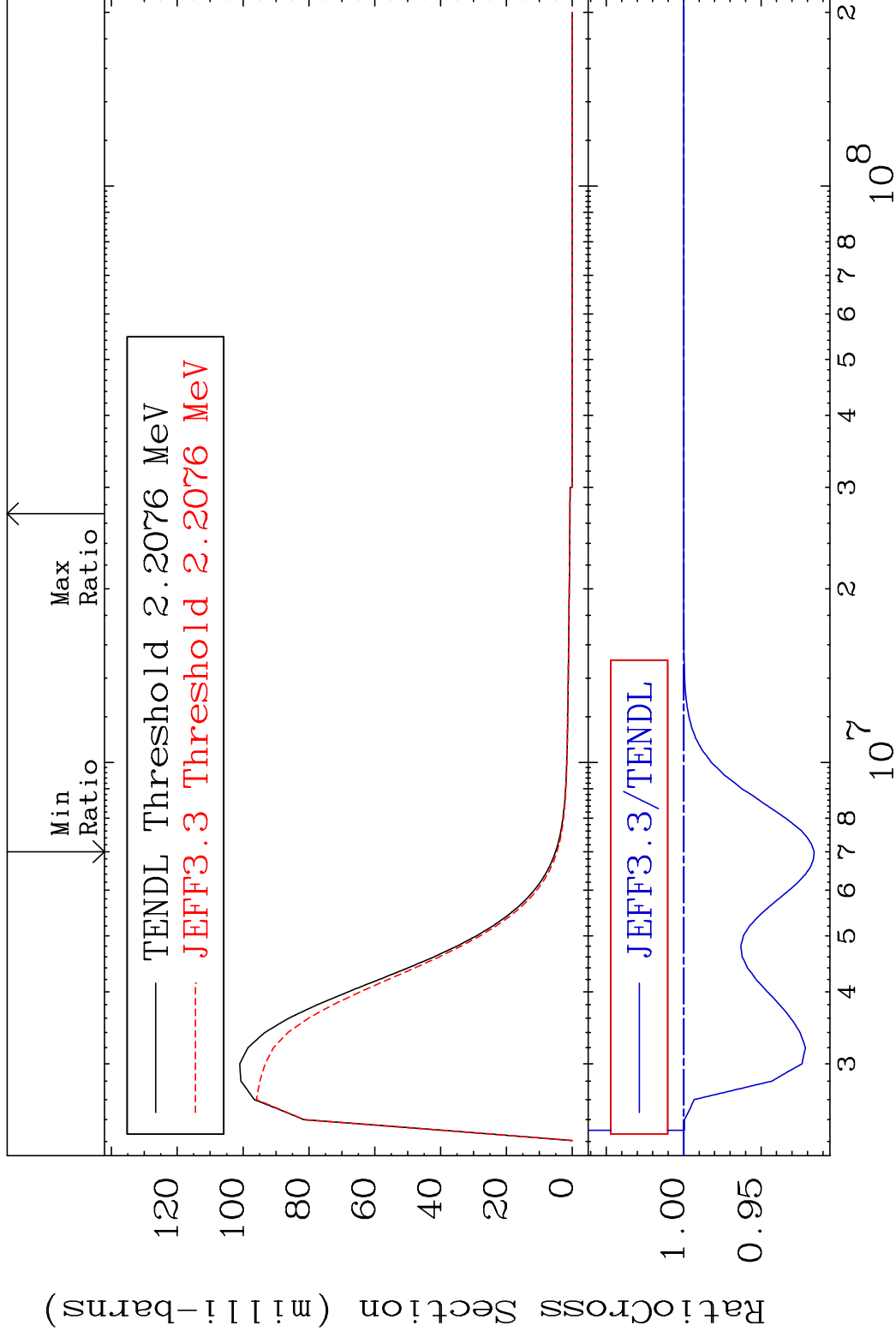


MAT 5255

MT= 61 (n, n') Level

52-Te-130

Cross Section -8.427 To 0.000 %

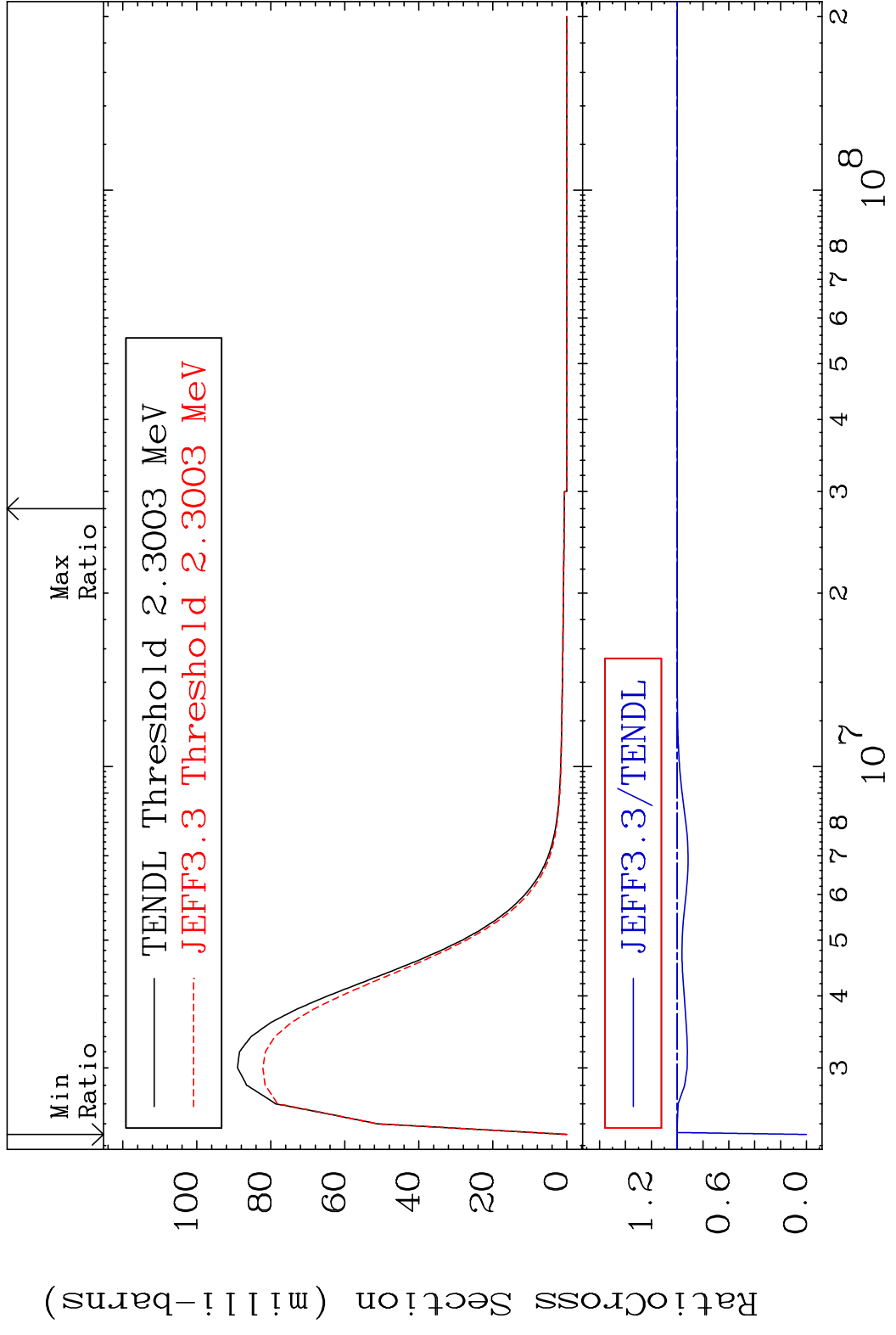


28

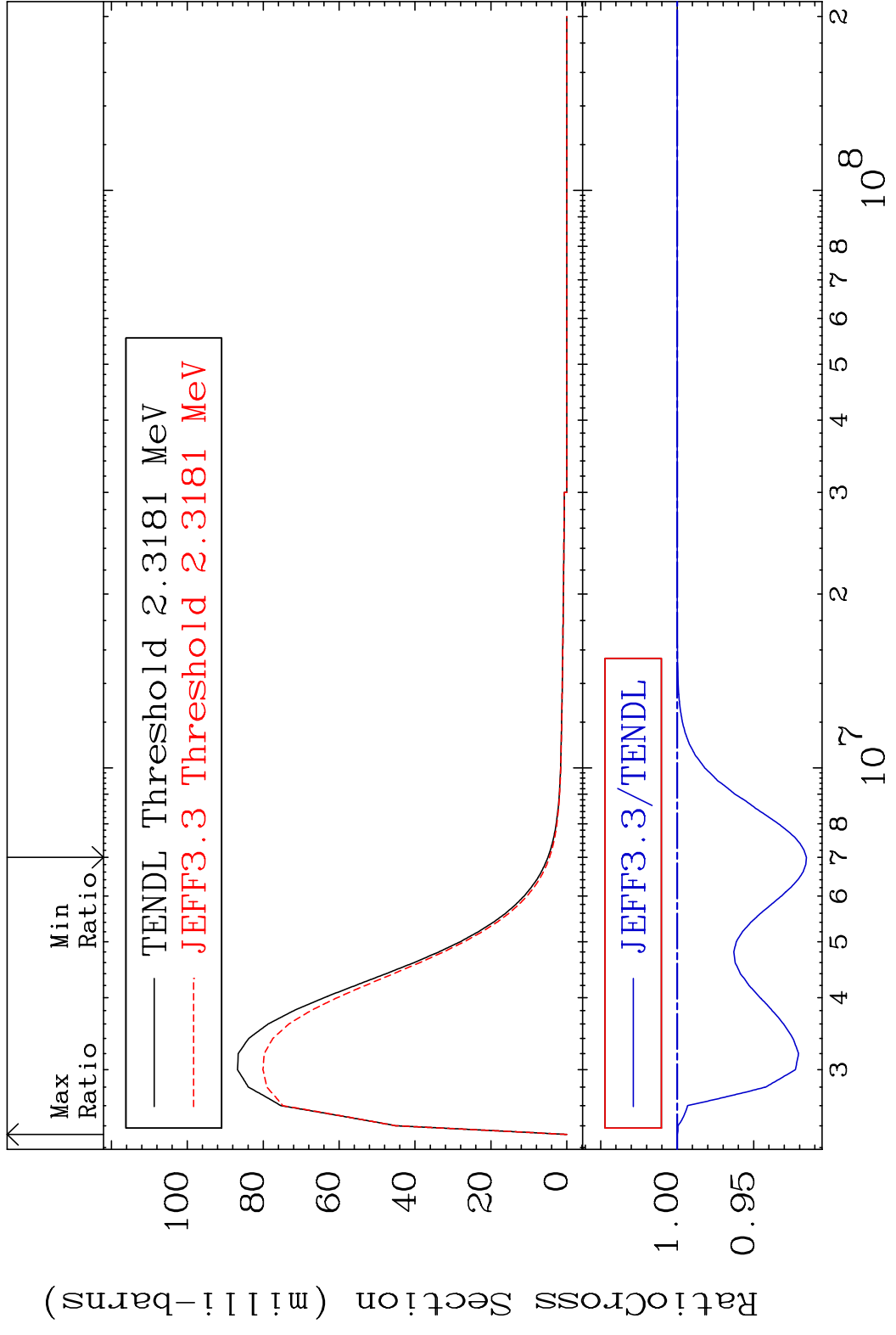
Incident Energy (eV)

52-Te-130

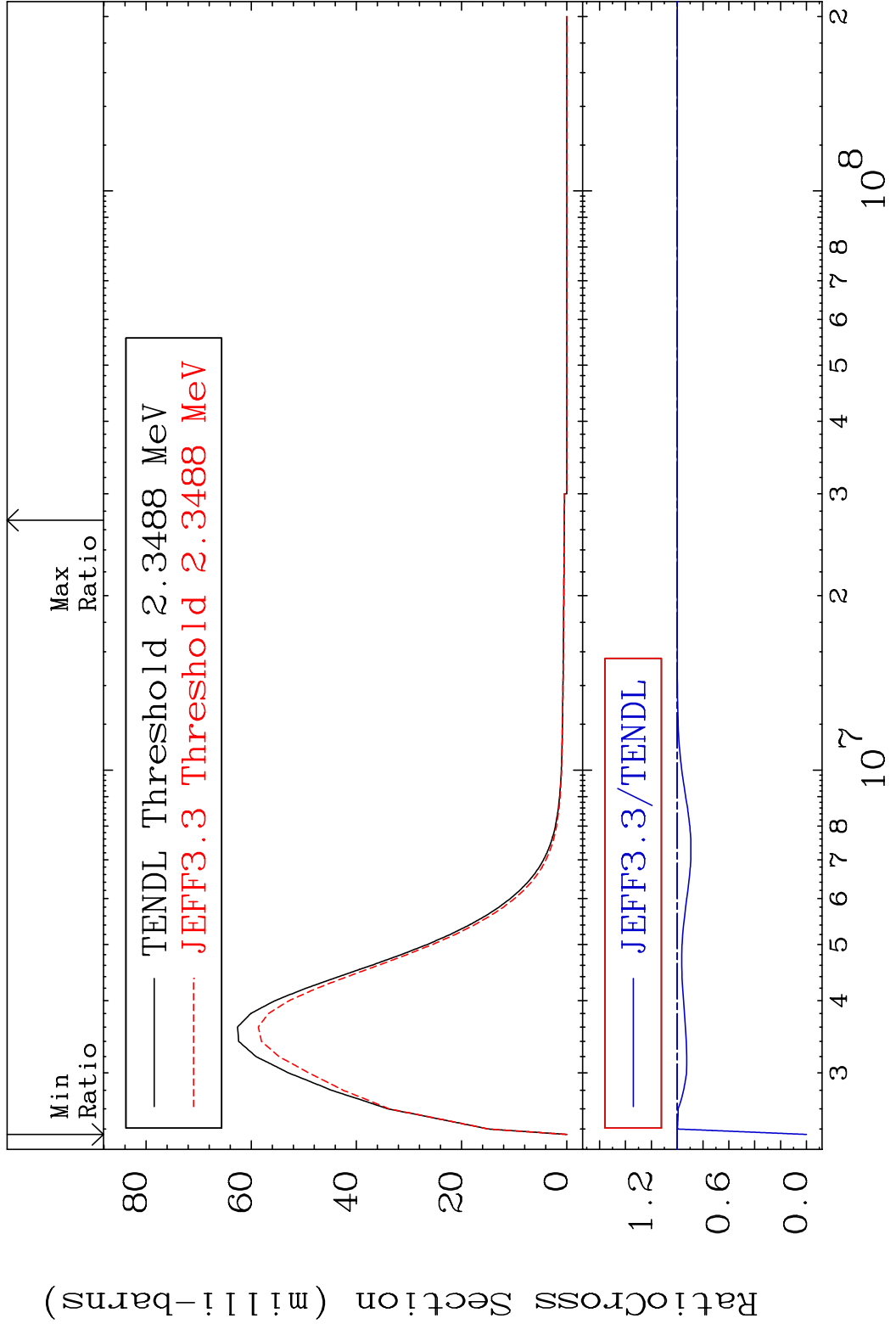
MAT 5255 MT= 62 (n, n') Level 52-Te-130  
 Cross Section -100.0 To 0.000 %



MAT 5255 MT= 63 (n,n') Level 52-Te-130  
 Cross Section -8.447 To 0.000 %

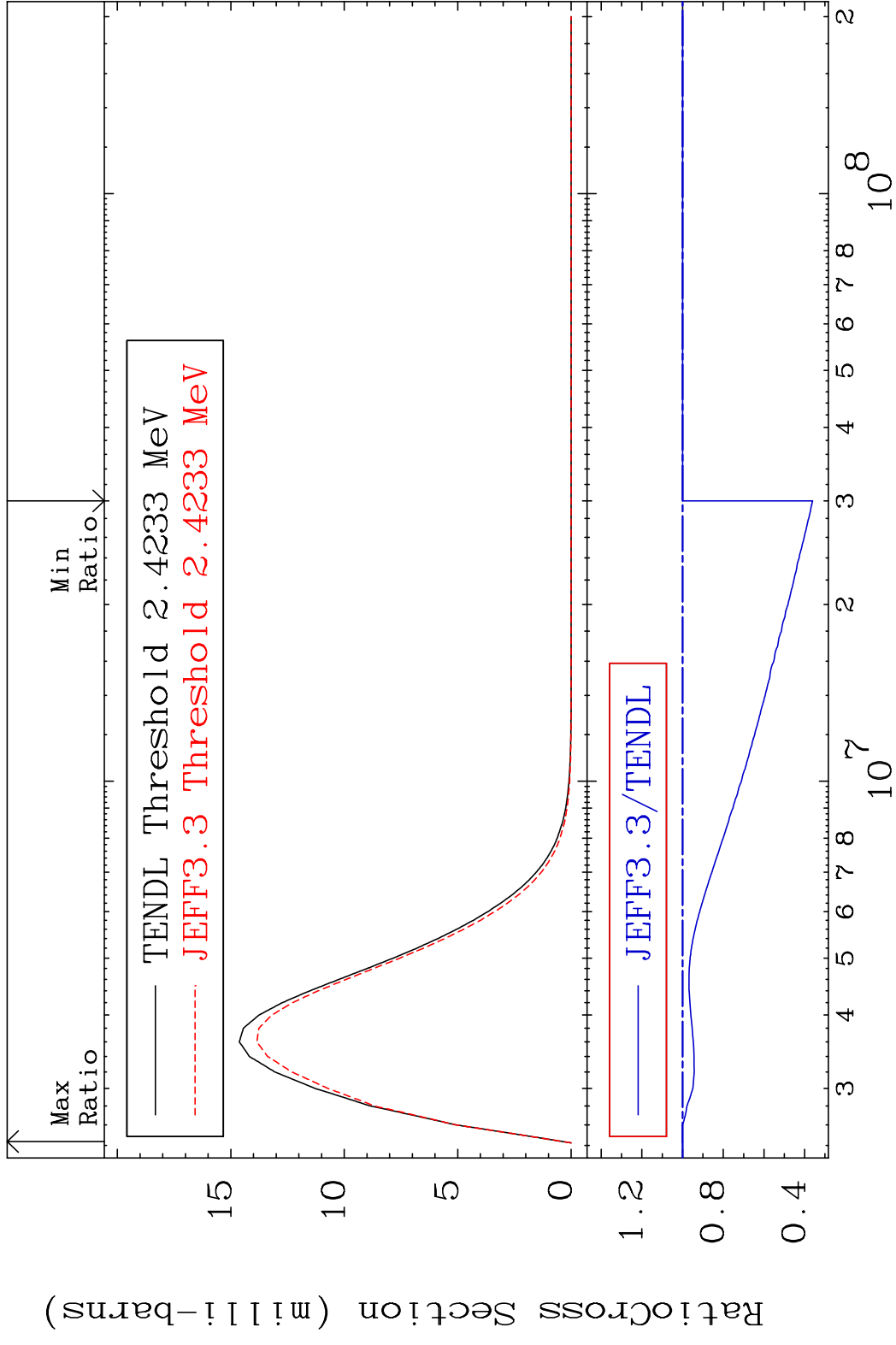


MAT 5255 MT= 64 (n, n') Level 52-Te-130  
 Cross Section -100.0 To 0.000 %



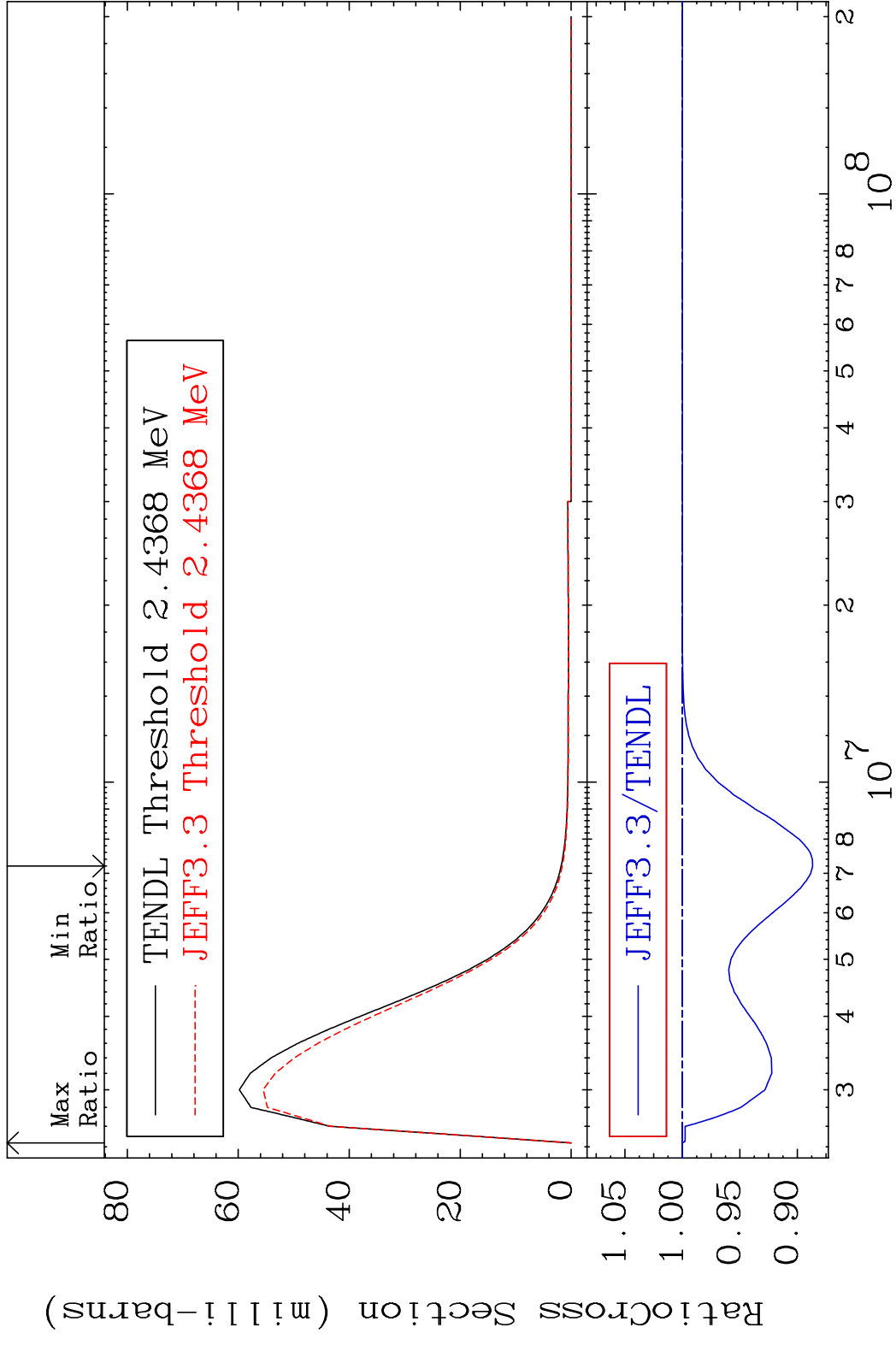


MAT 5255 MT= 65 (n, n') Level 52-Te-130  
 Cross Section -63.88 To 0.118 %

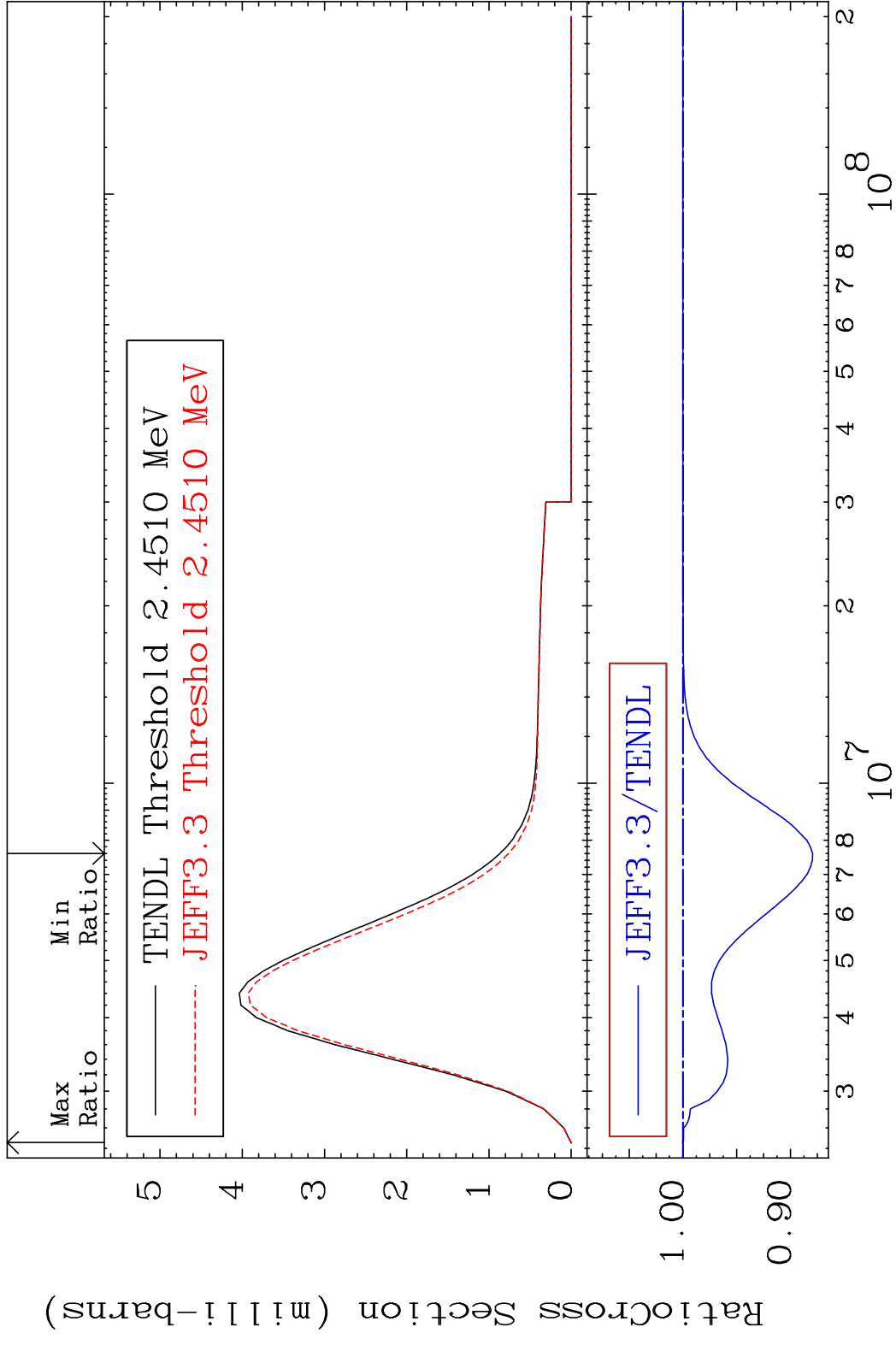


32 Incident Energy (eV) 52-Te-130

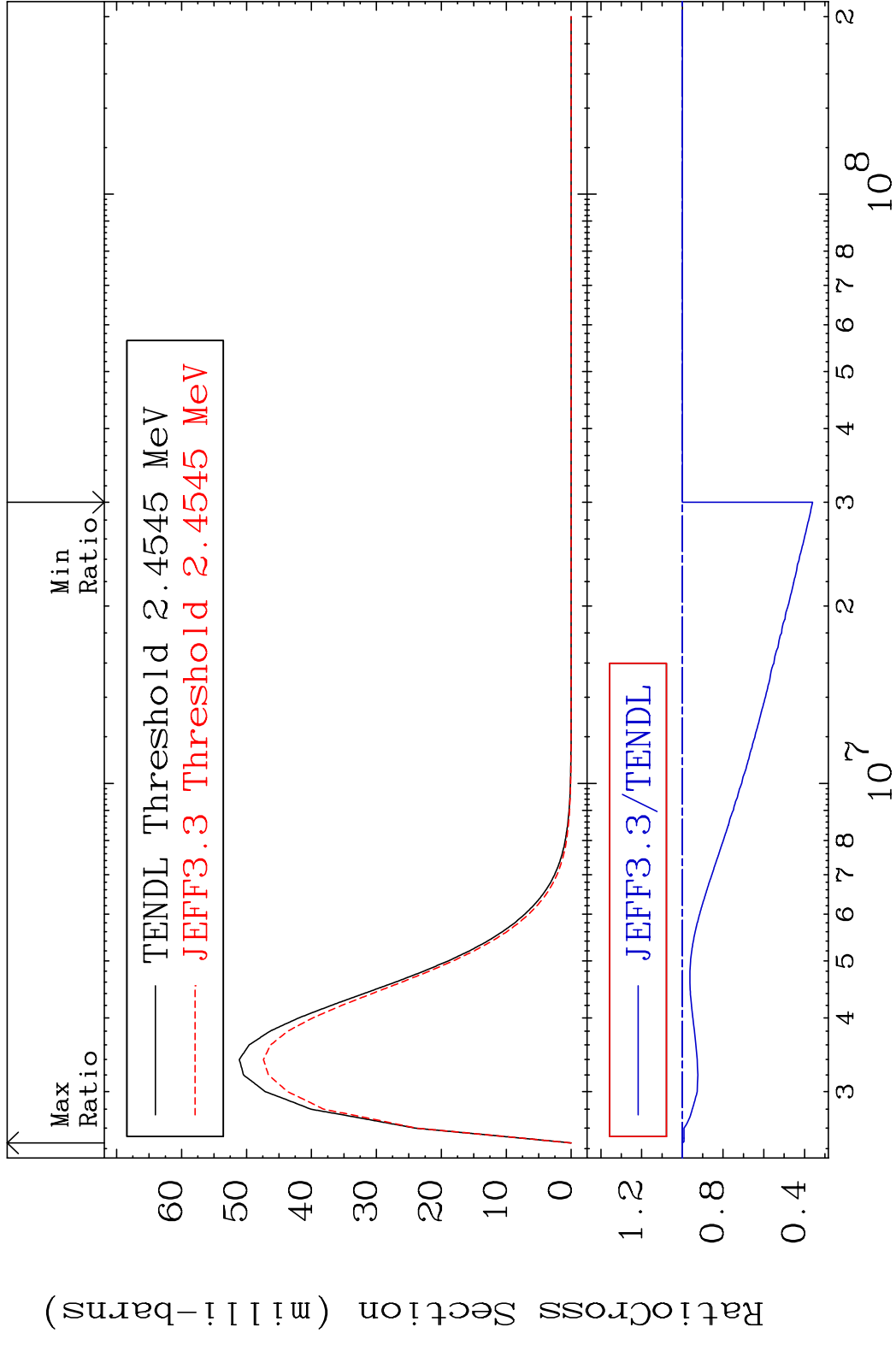
MAT 5255 MT= 66 (n,n') Level 52-Te-130  
 Cross Section -11.32 To 0.000 %



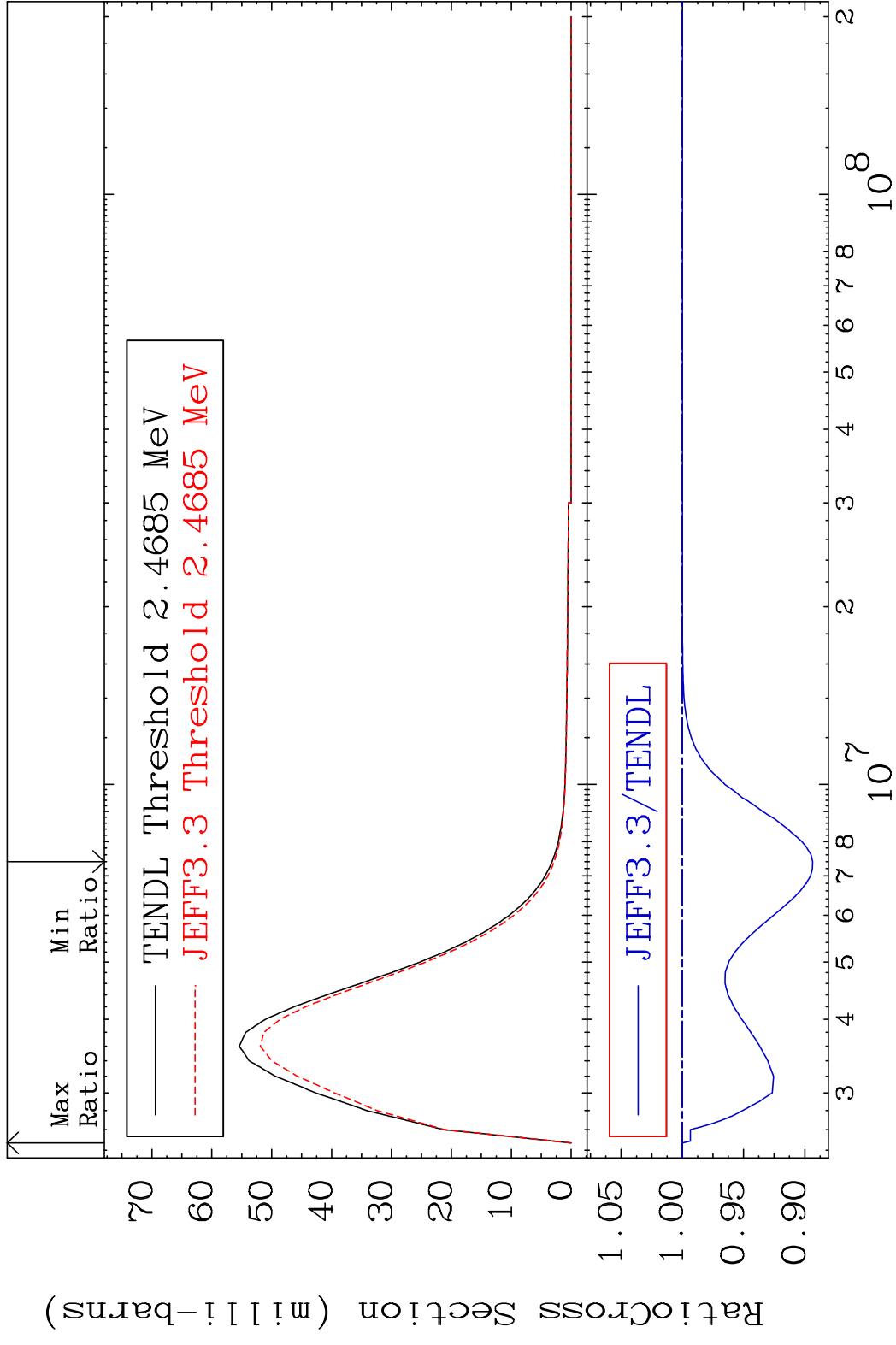
MAT 5255 MT= 67 (n, n') Level 52-Te-130  
 Cross Section -12.05 To 0.055 %



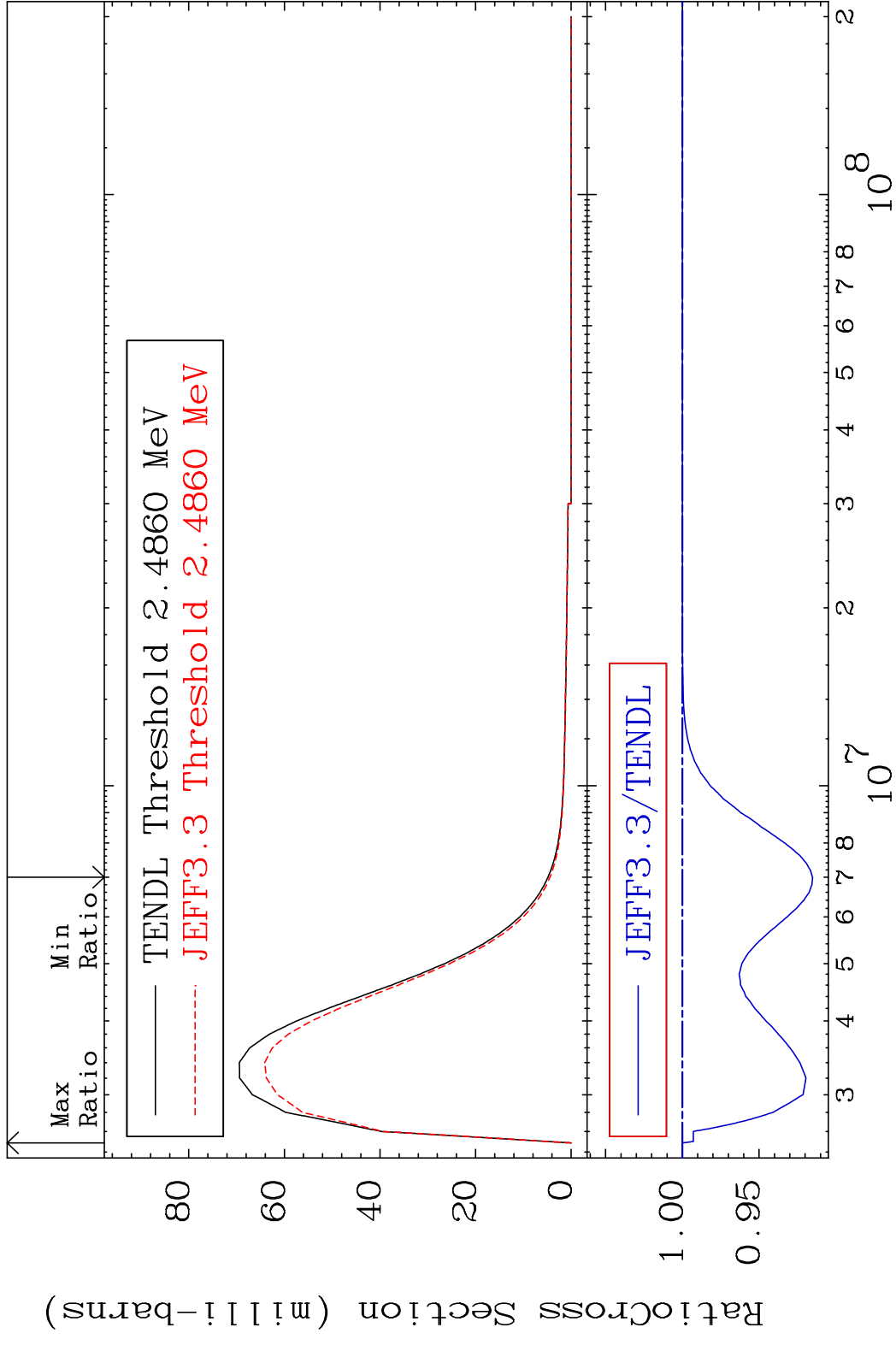
MAT 5255      MT= 68 (n, n') Level      52-Te-130  
 Cross Section      -63.93 To 0.000 %



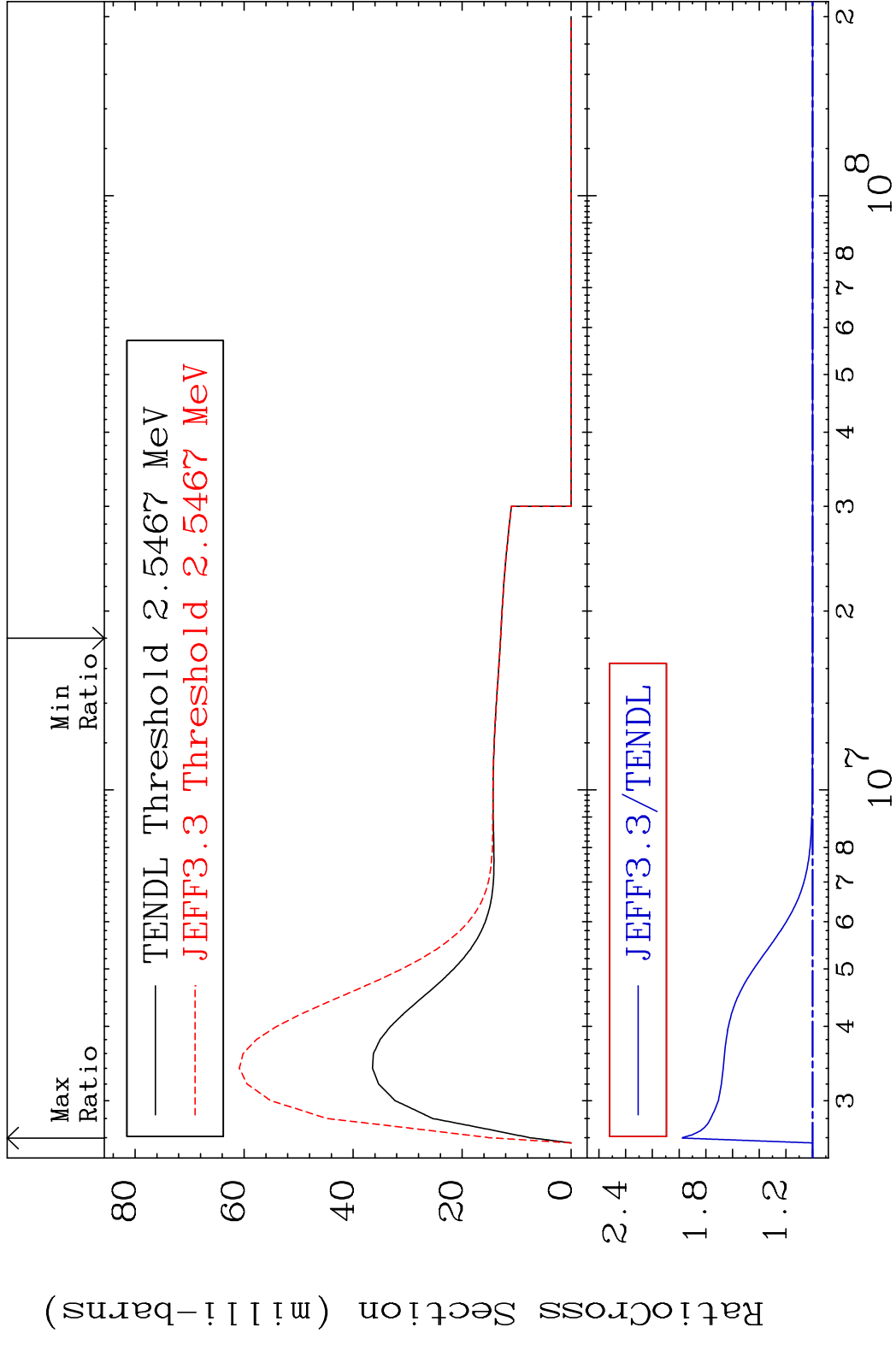
MAT 5255 MT= 69 (n,n') Level 52-Te-130  
 Cross Section -10.64 To 0.000 %



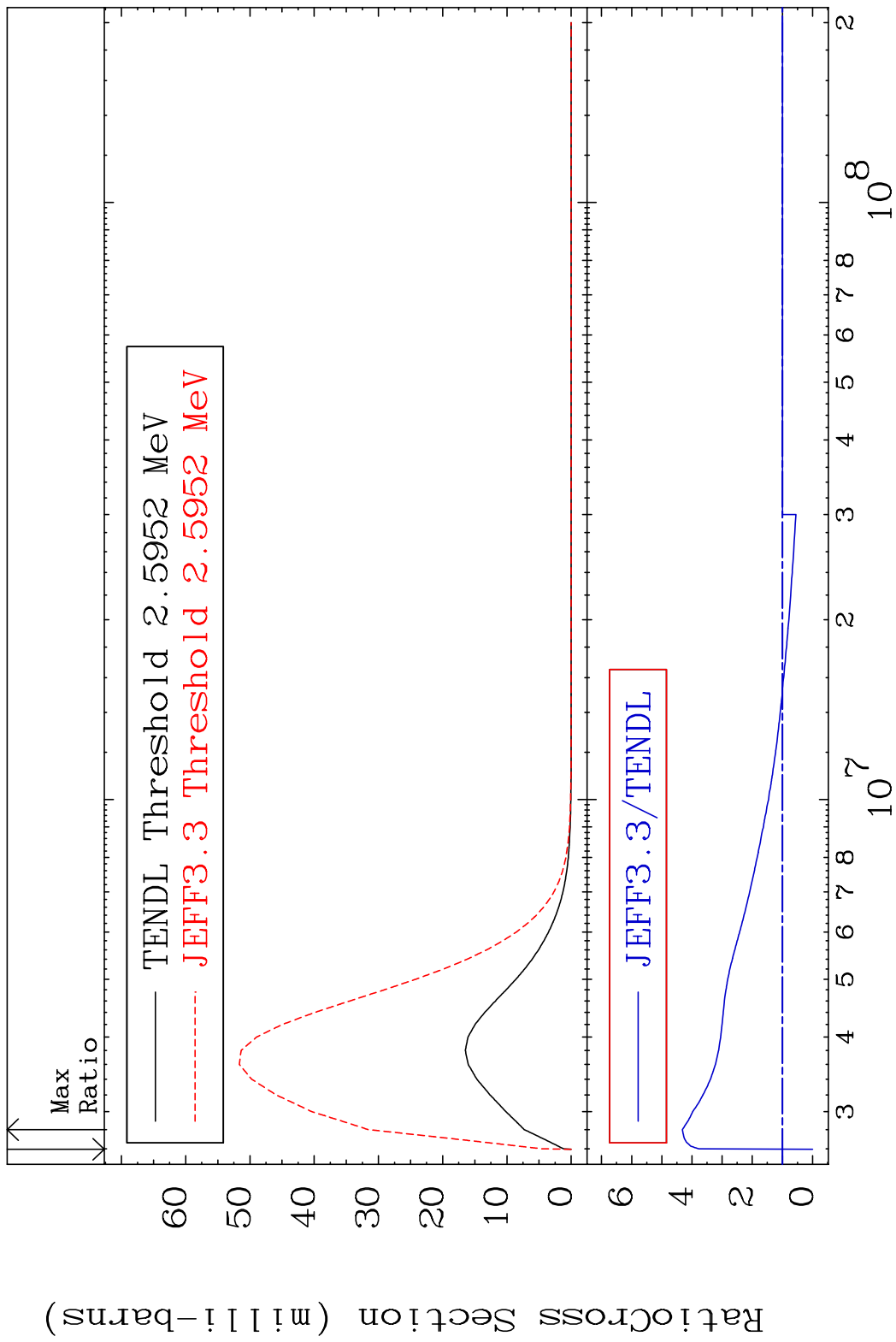
MAT 5255 MT= 70 (n,n') Level 52-Te-130  
 Cross Section -8.481 To 0.000 %



MAT 5255 MT= 71 (n,n') Level 52-Te-130  
 Cross Section 0.000 To 97.55 %

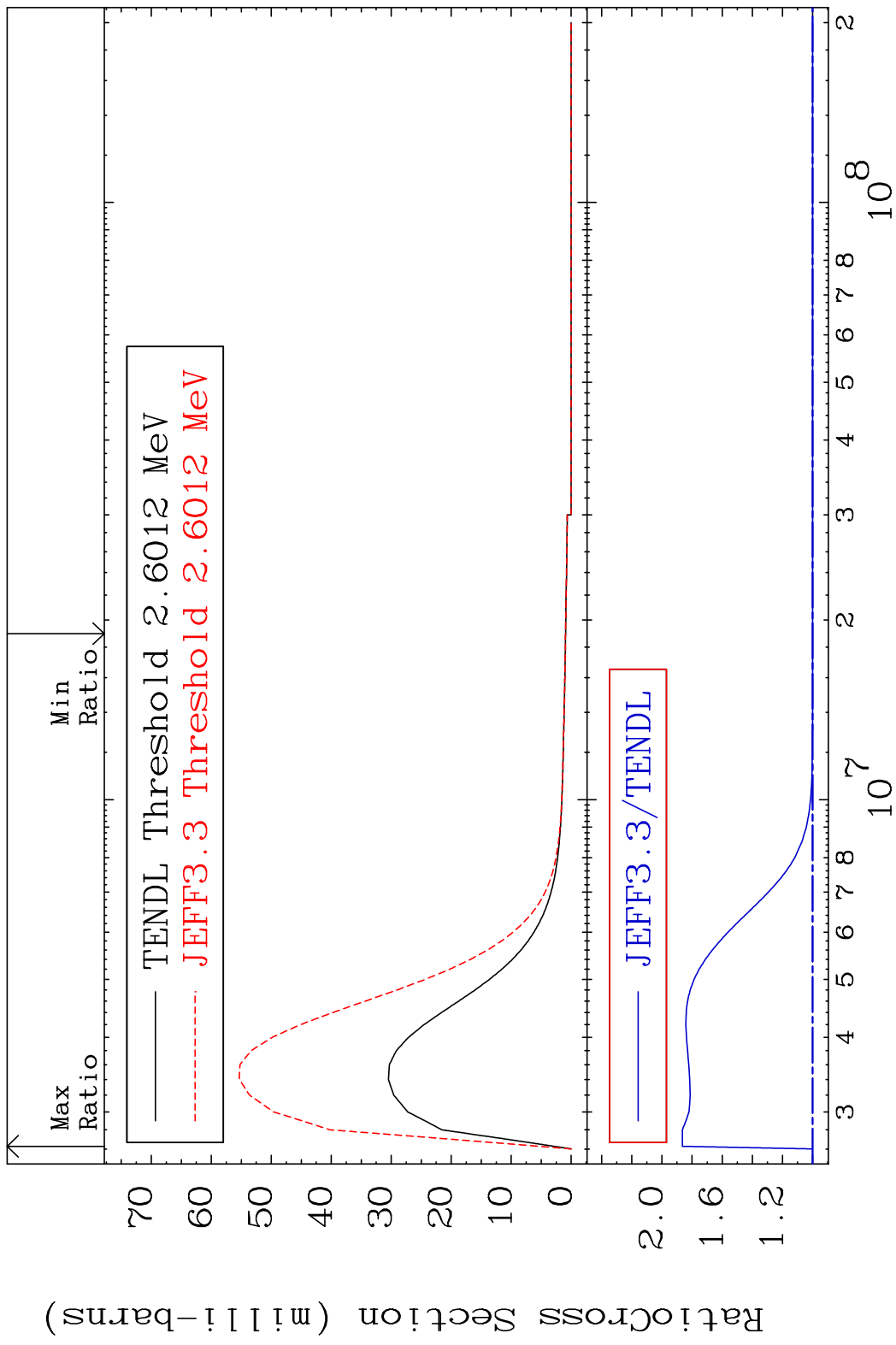


MAT 5255 MT= 72 (n, n') Level 52-Te-130  
 Cross Section -100.0 To 331.9 %



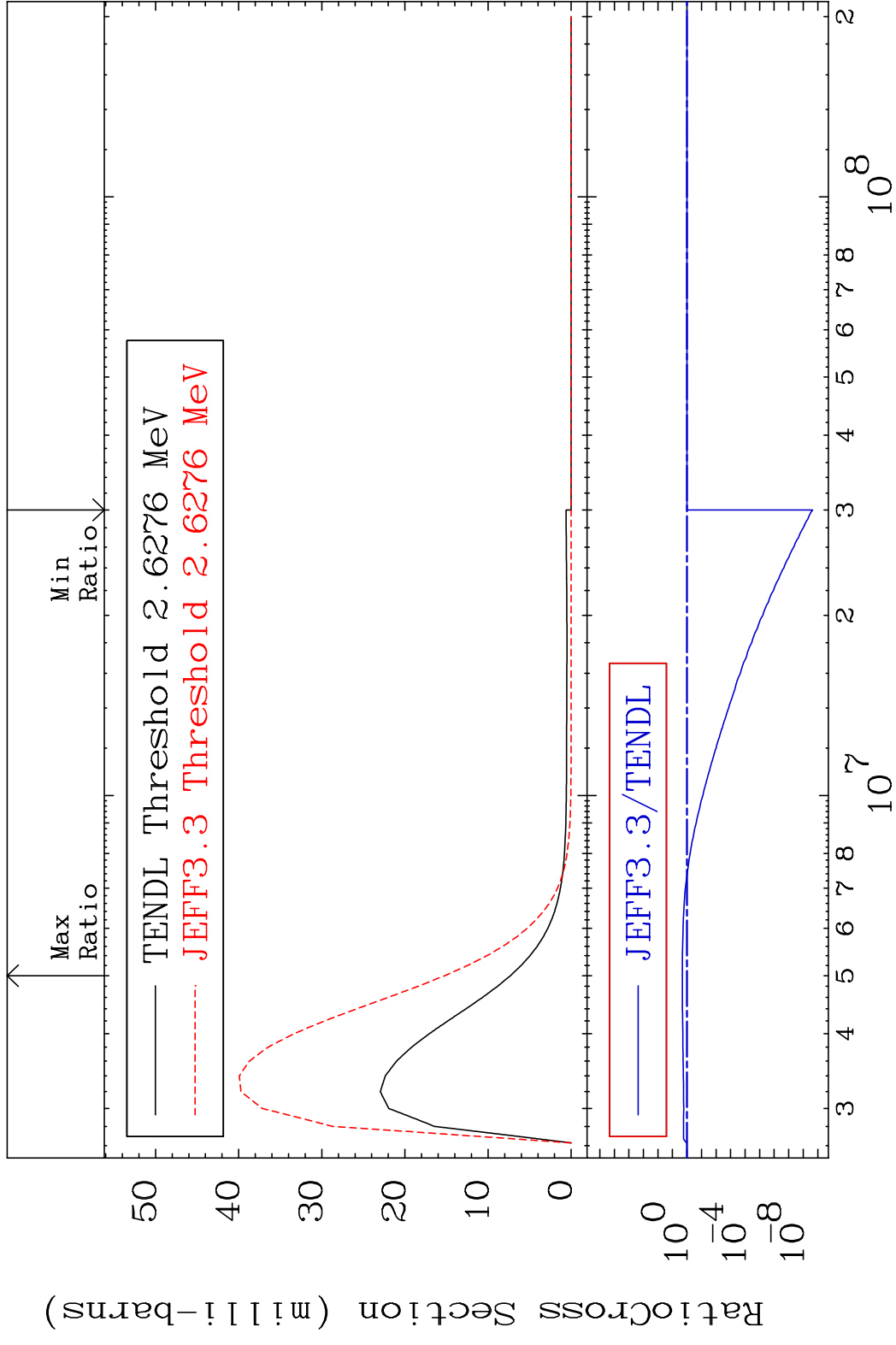


MAT 5255 MT= 73 (n, n') Level 52-Te-130  
 Cross Section 0.000 To 86.46 %

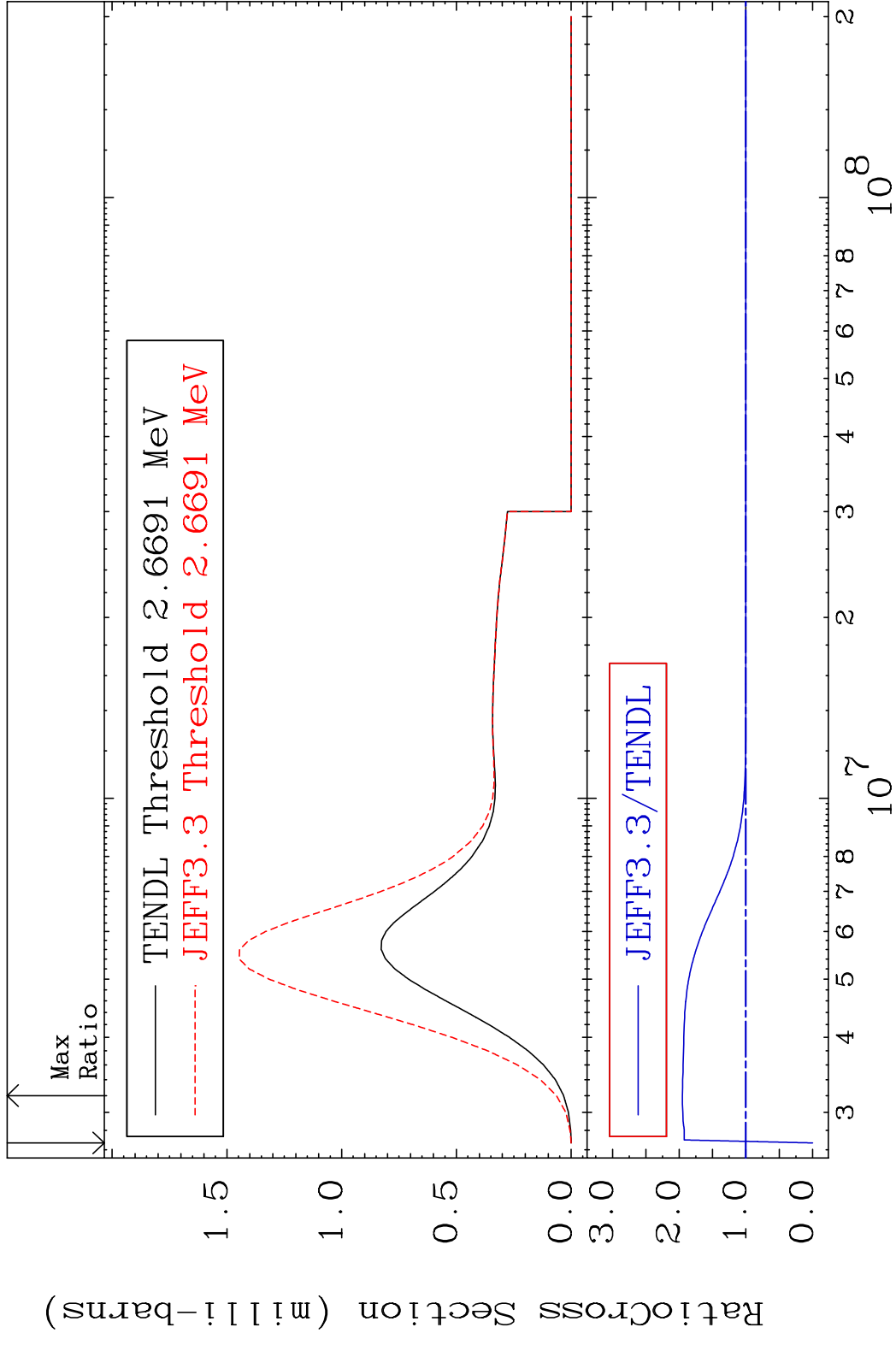


40 Incident Energy (eV) 52-Te-130

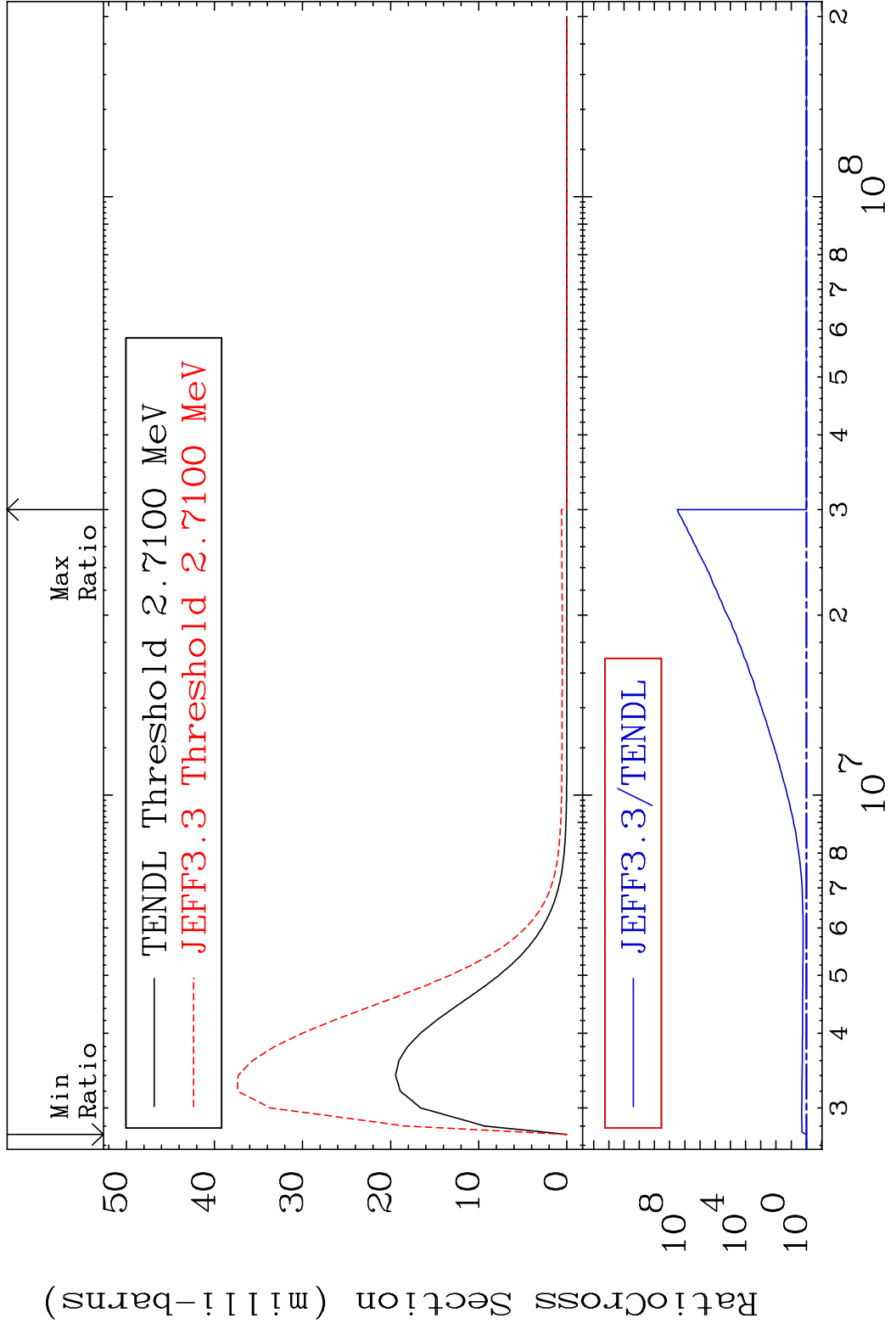
MAT 5255 MT= 74 (n, n') Level 52-Te-130  
 Cross Section -100.0 To 108.1 %



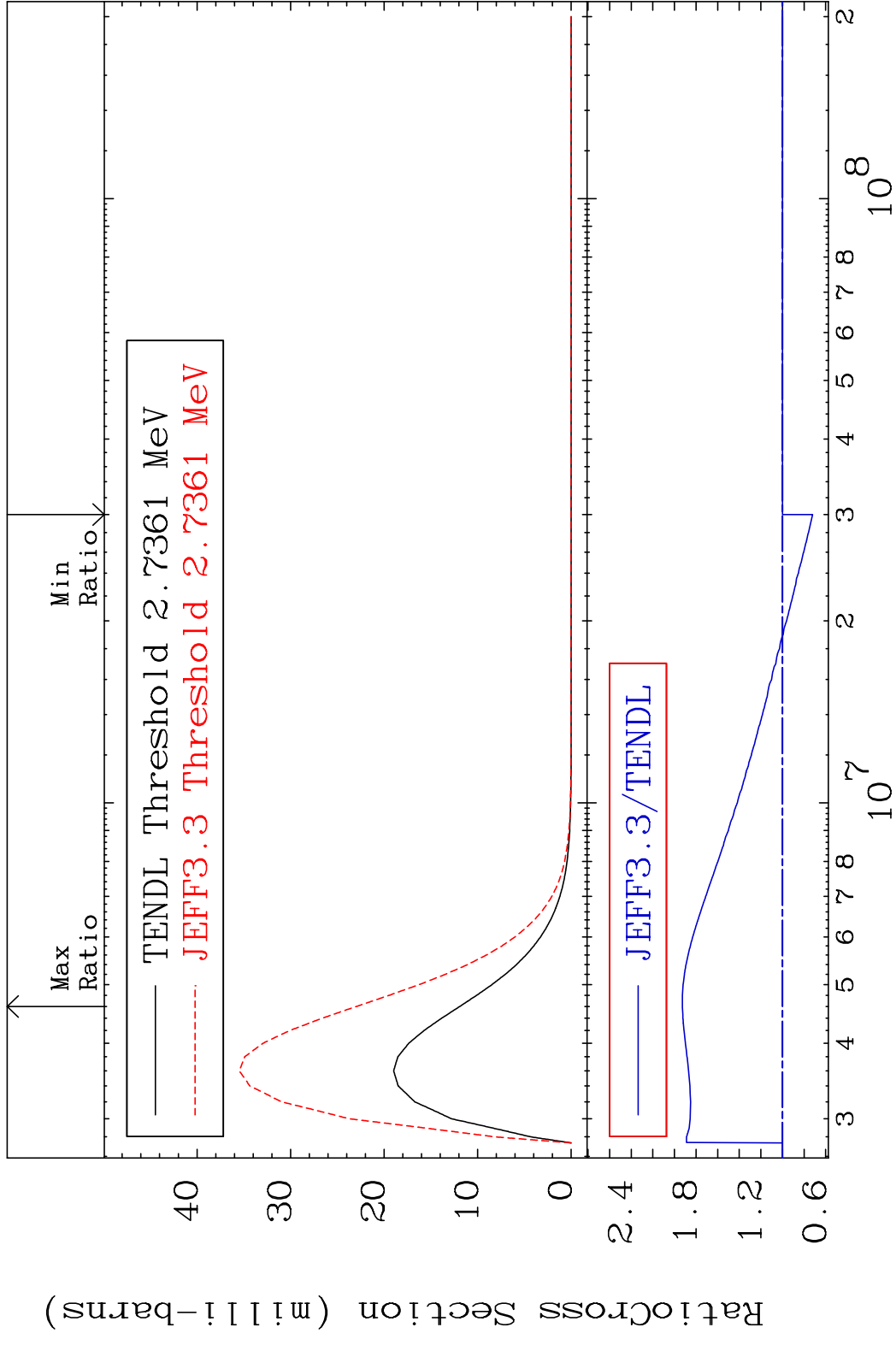
MAT 5255 MT= 75 (n, n') Level 52-Te-130  
 Cross Section -100.0 To 95.25 %



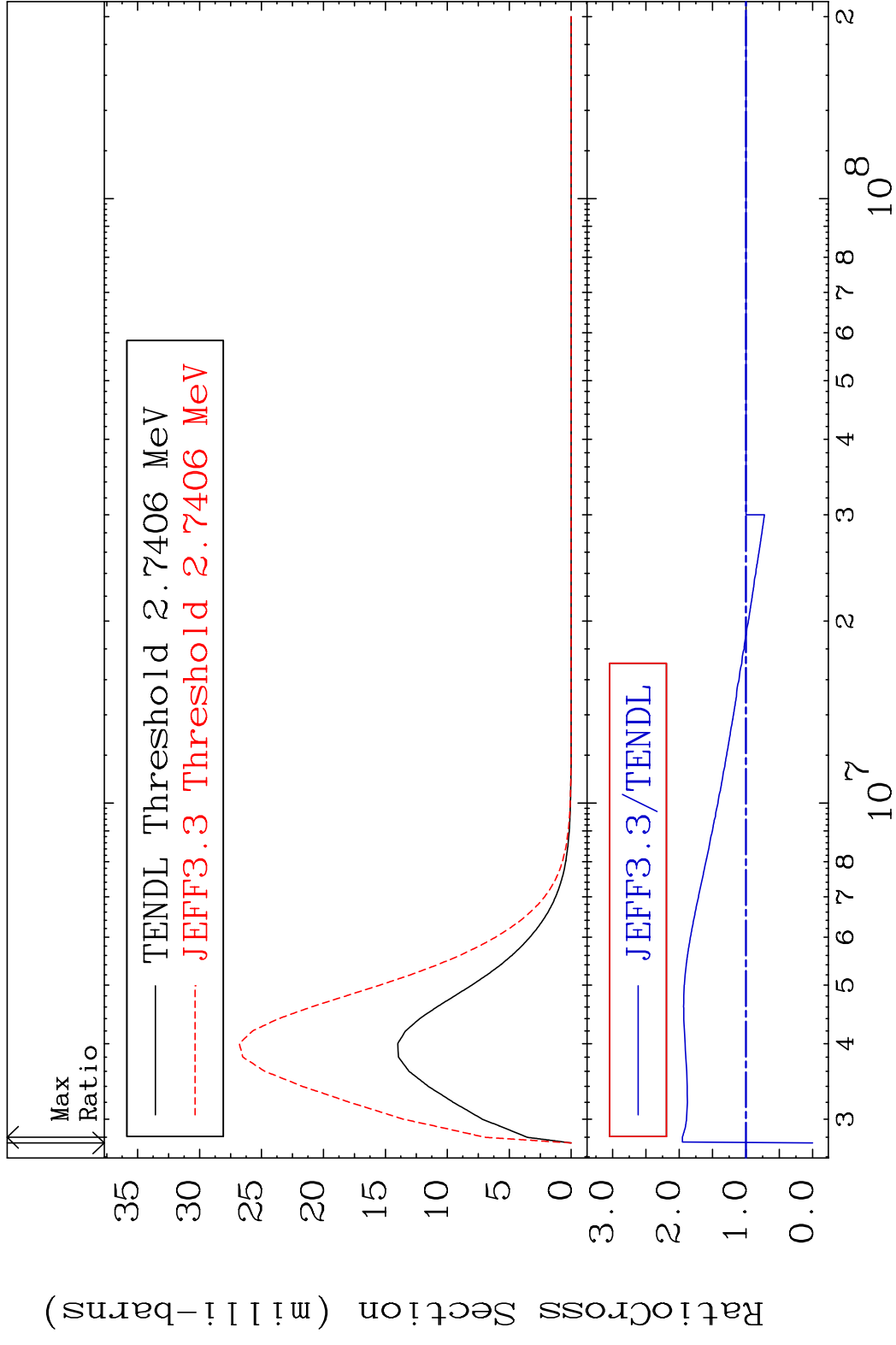
MAT 5255 MT= 76 (n, n') Level 52-Te-130  
 Cross Section 0.000 To 9999. %



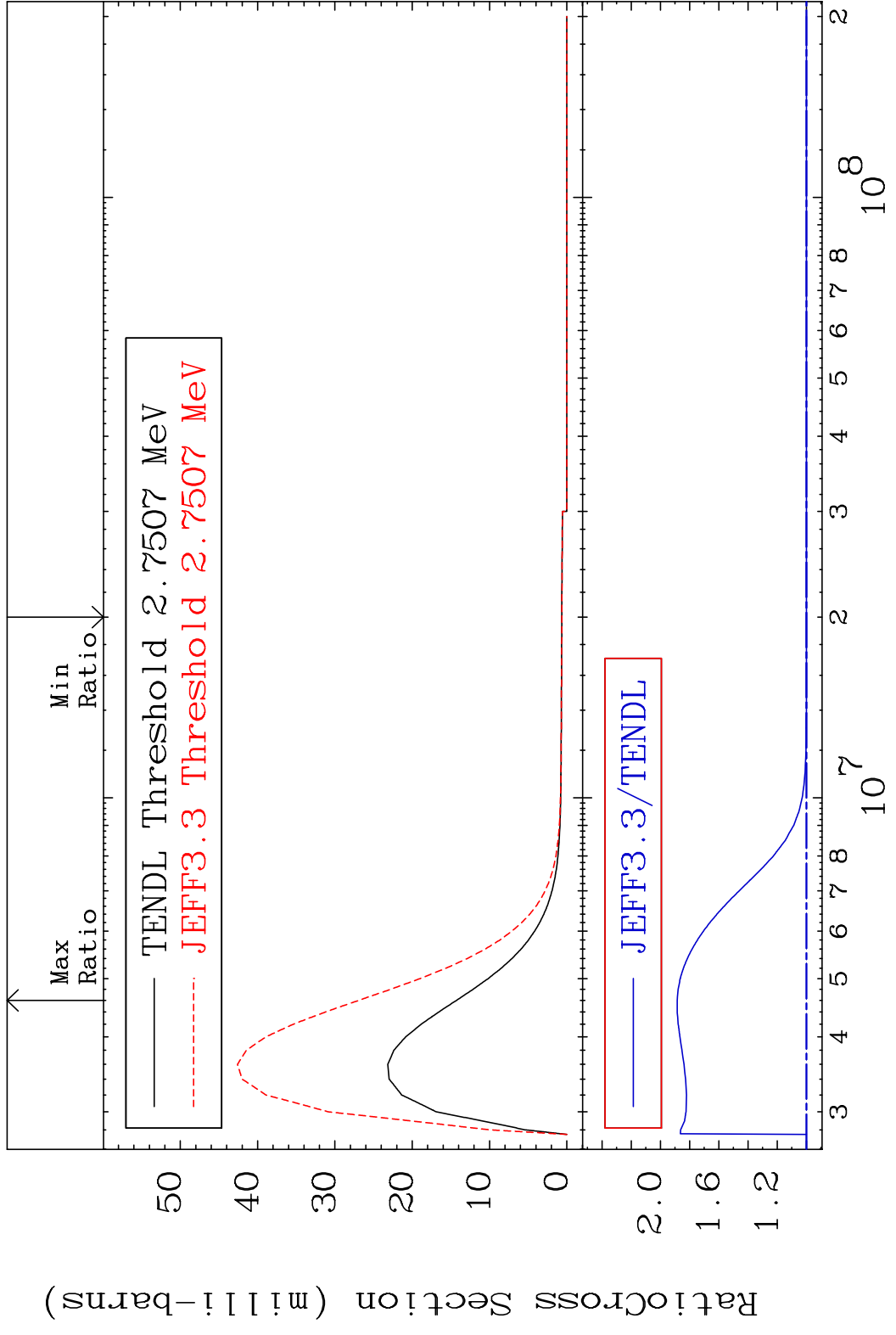
MAT 5255 MT= 77 (n, n') Level 52-Te-130  
 Cross Section -27.86 To 92.68 %



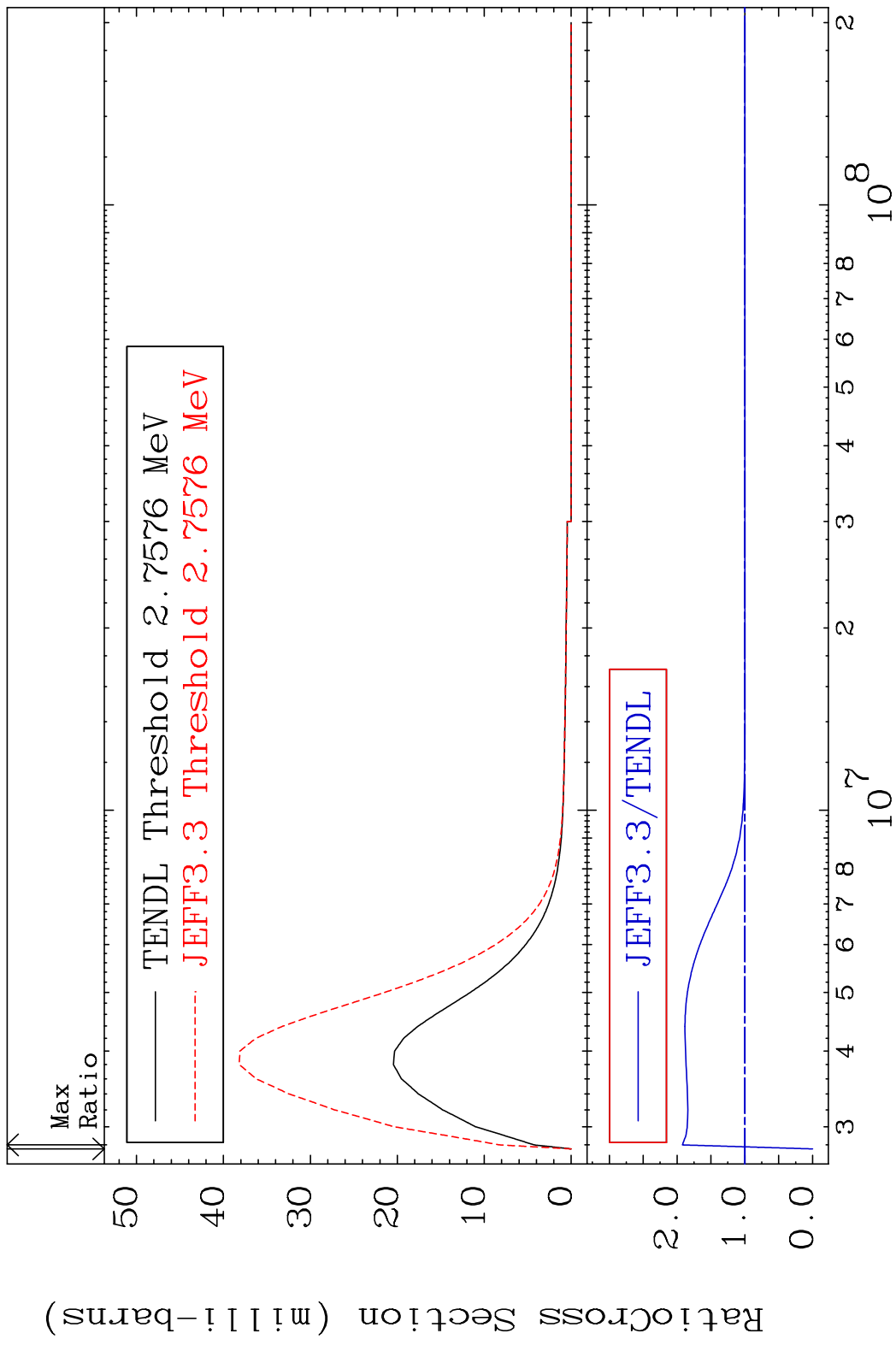
MAT 5255 MT= 78 (n,n') Level 52-Te-130  
 Cross Section -100.0 To 95.35 %



MAT 5255 MT= 79 (n,n') Level 52-Te-130  
 Cross Section 0.000 To 88.52 %



MAT 5255 MT= 80 (n, n') Level 52-Te-130  
 Cross Section -100.0 To 92.21 %



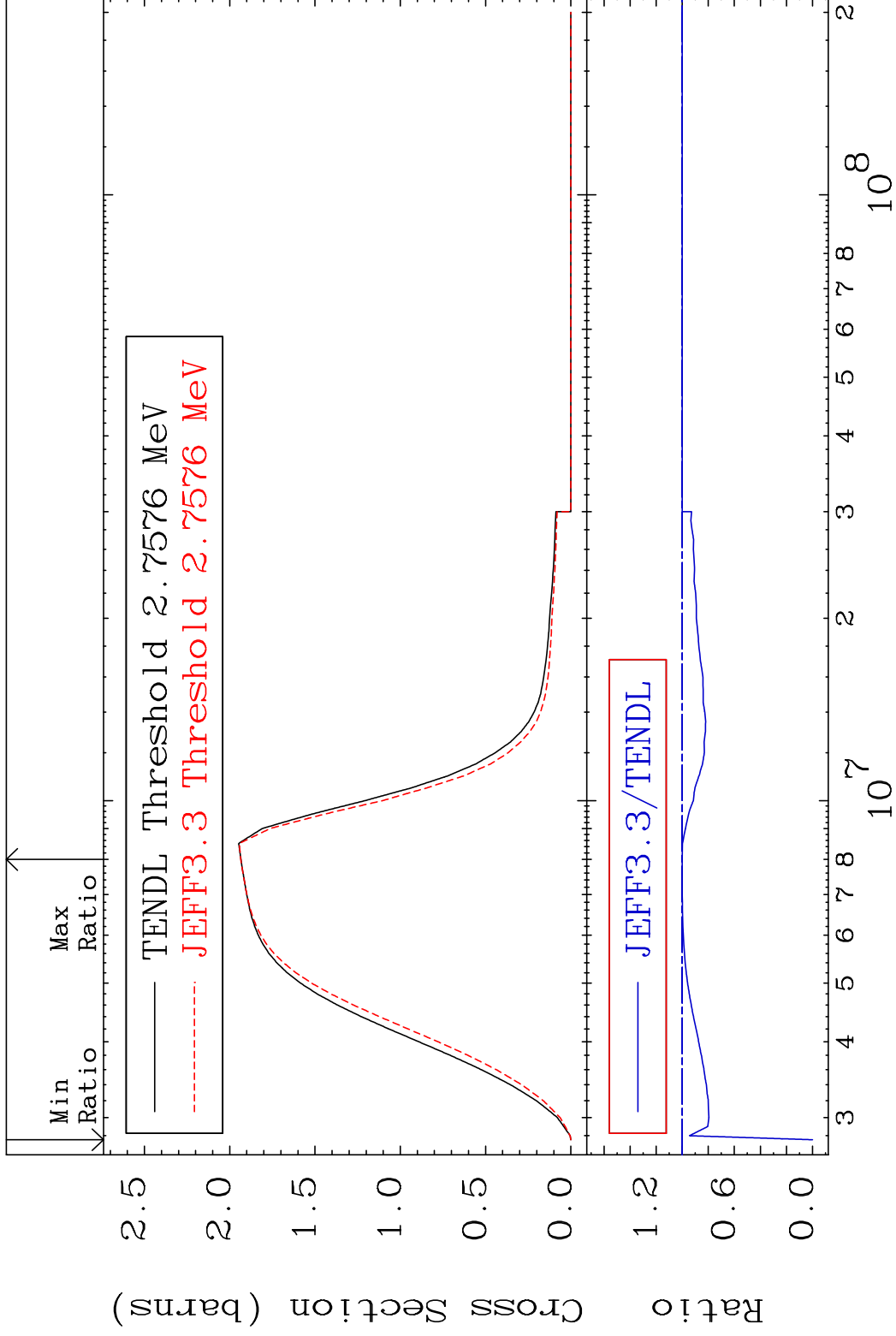


MAT 5255

(n, n') Continuum

52-Te-130

Cross Section -100.0 To 0.063 %



48

Incident Energy (eV)

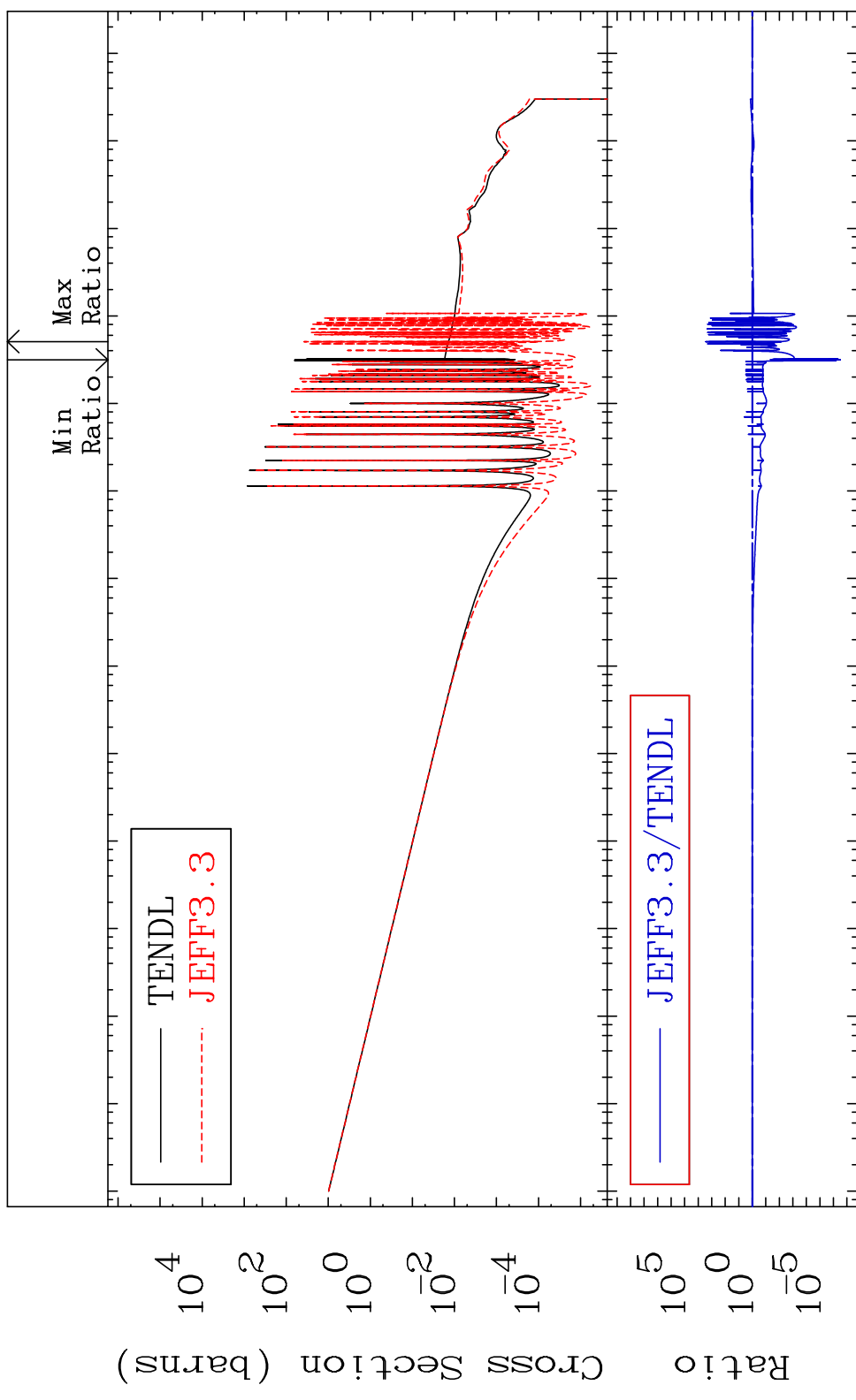
52-Te-130

MAT 5255

(n,  $\gamma$ )

52-Te-130

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

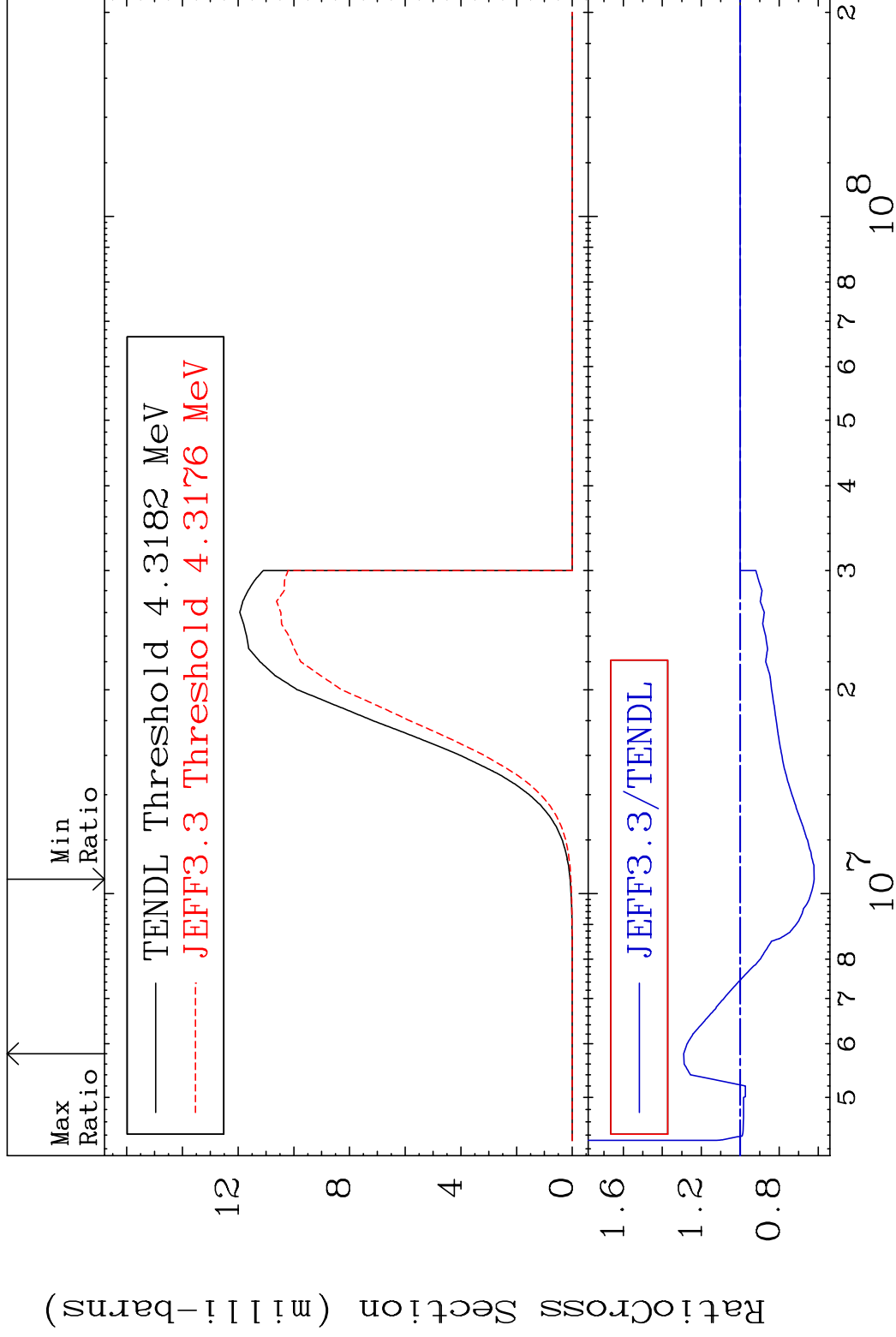
52-Te-130

MAT 5255

(n,p)

52-Te-130

Cross Section -37.92 To 29.04 %

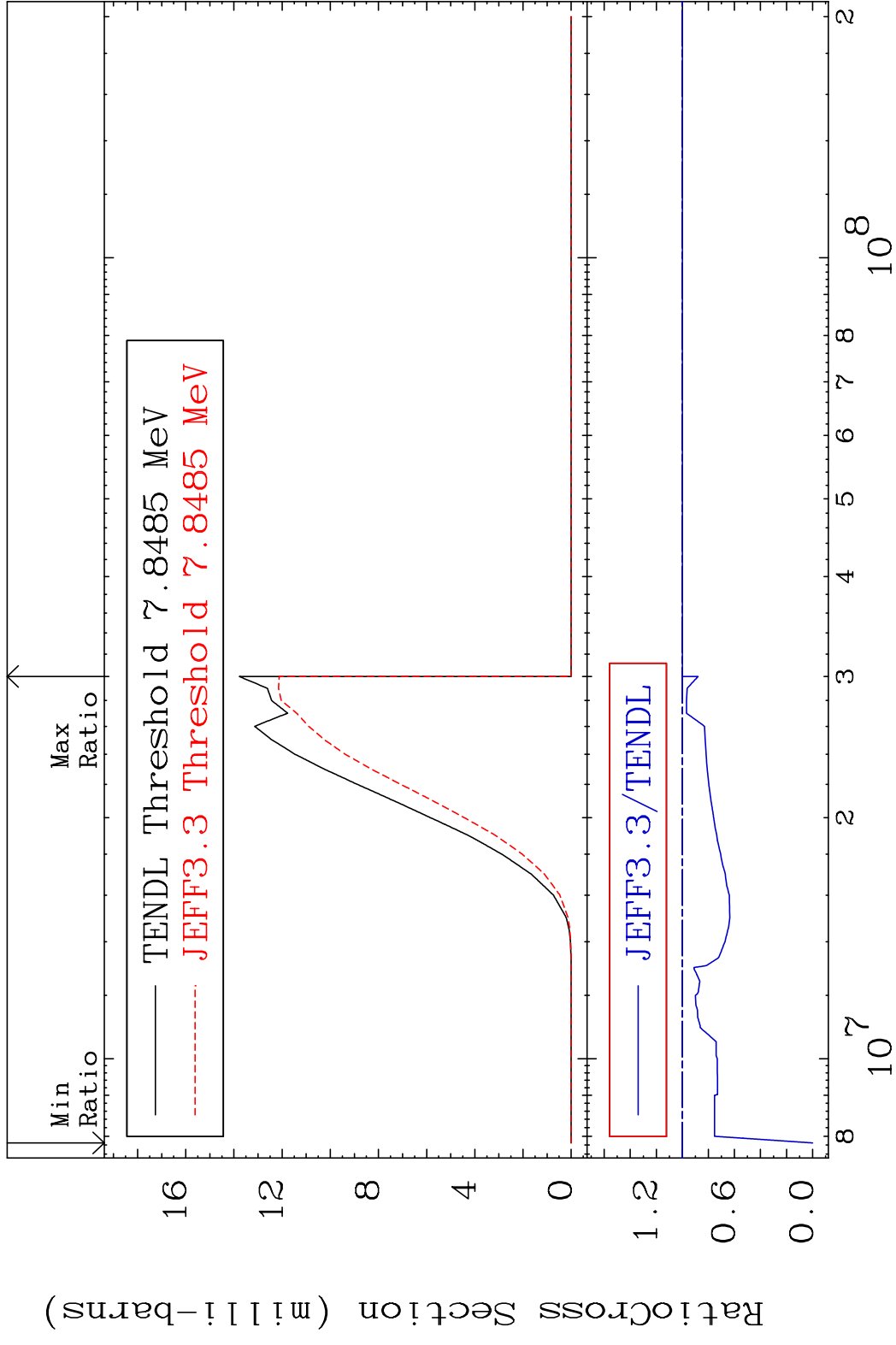


50

Incident Energy (eV)

52-Te-130

MAT 5255 (n,d) 52-Te-130  
 Cross Section -100.0 To 0.000 %

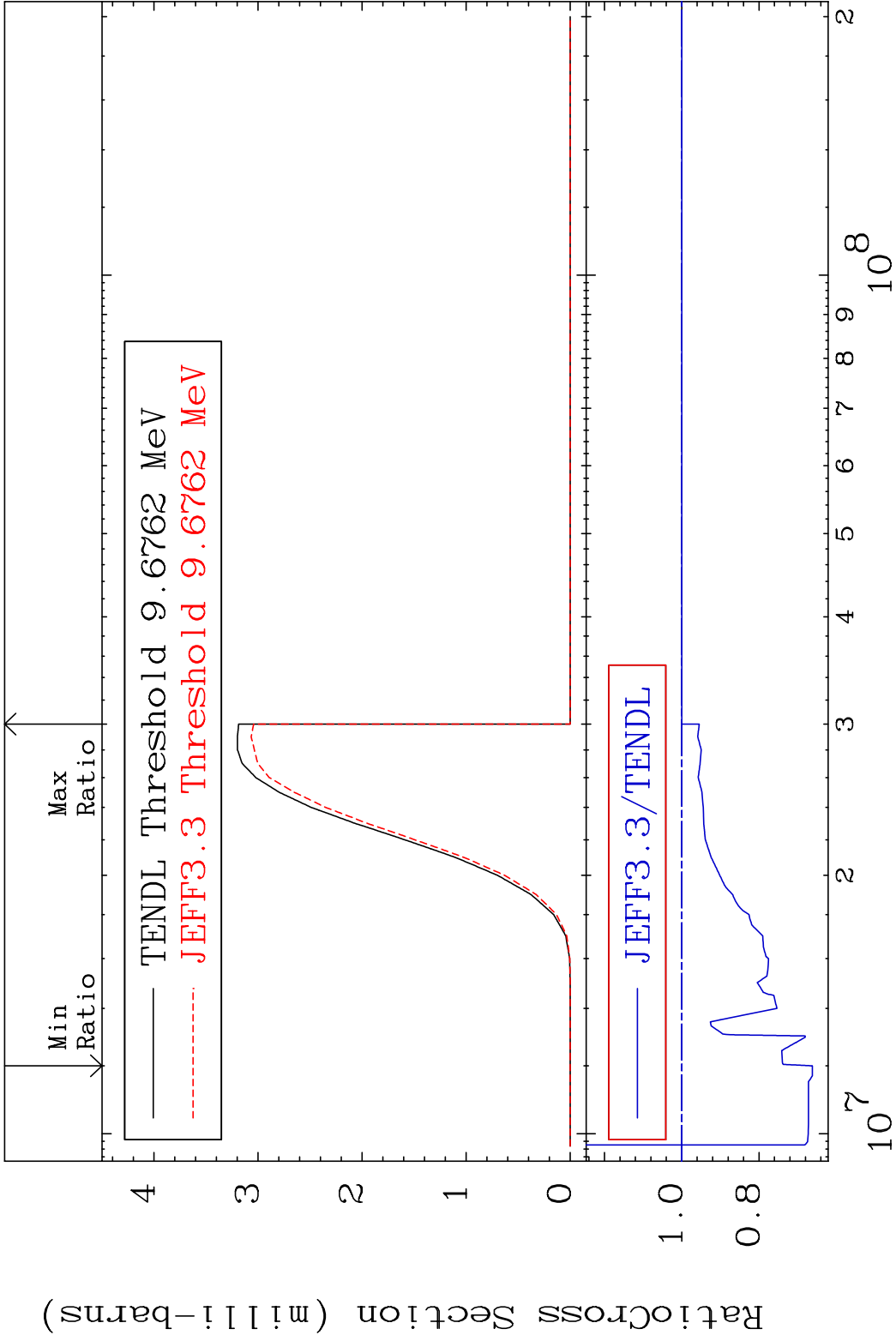


MAT 5255

(n, t)

52-Te-130

Cross Section -33.79 To 0.000 %



52

Incident Energy (eV)

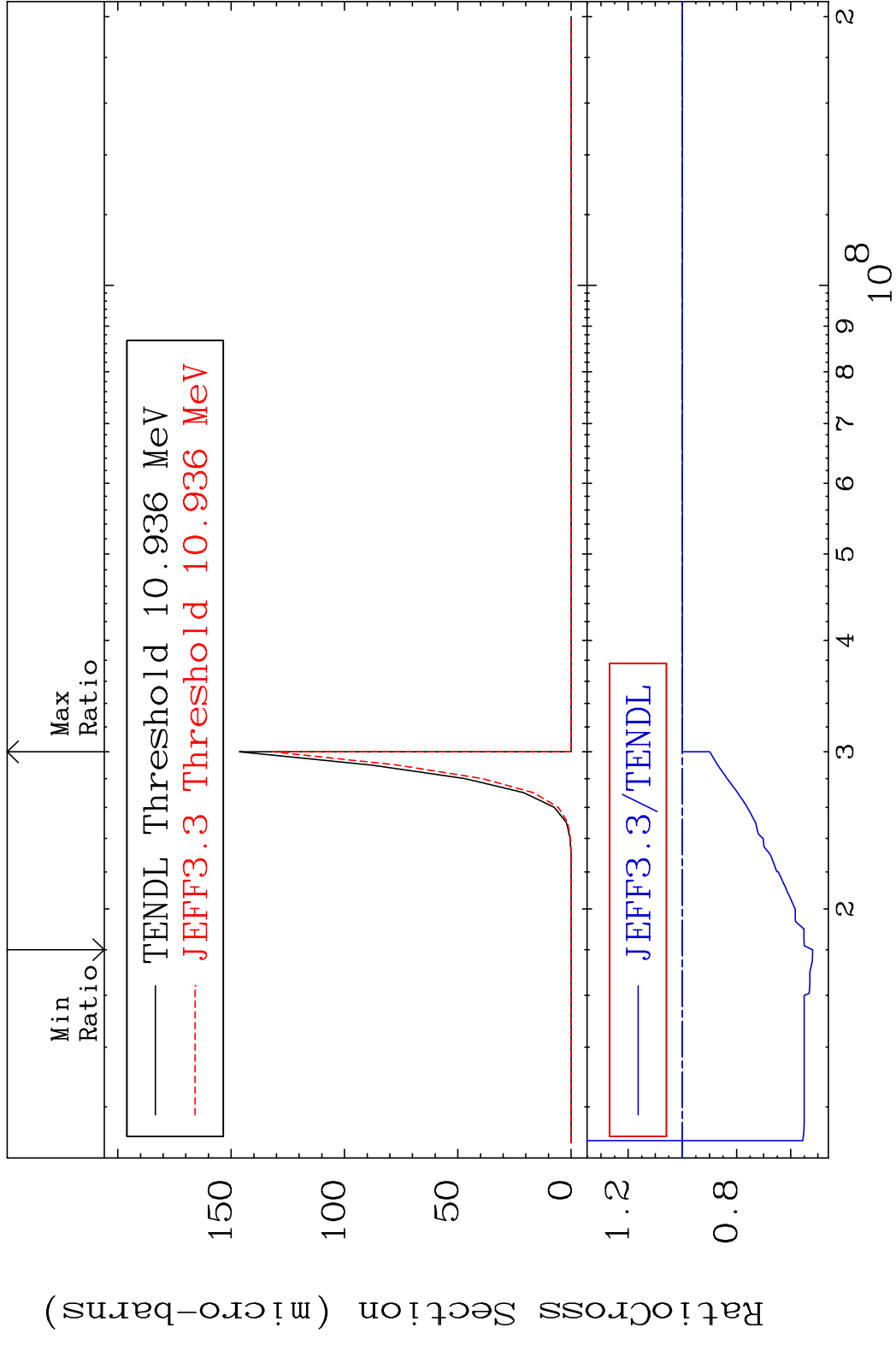
52-Te-130

MAT 5255

(n, He-3)

52-Te-130

Cross Section -48.03 To 0.000 %



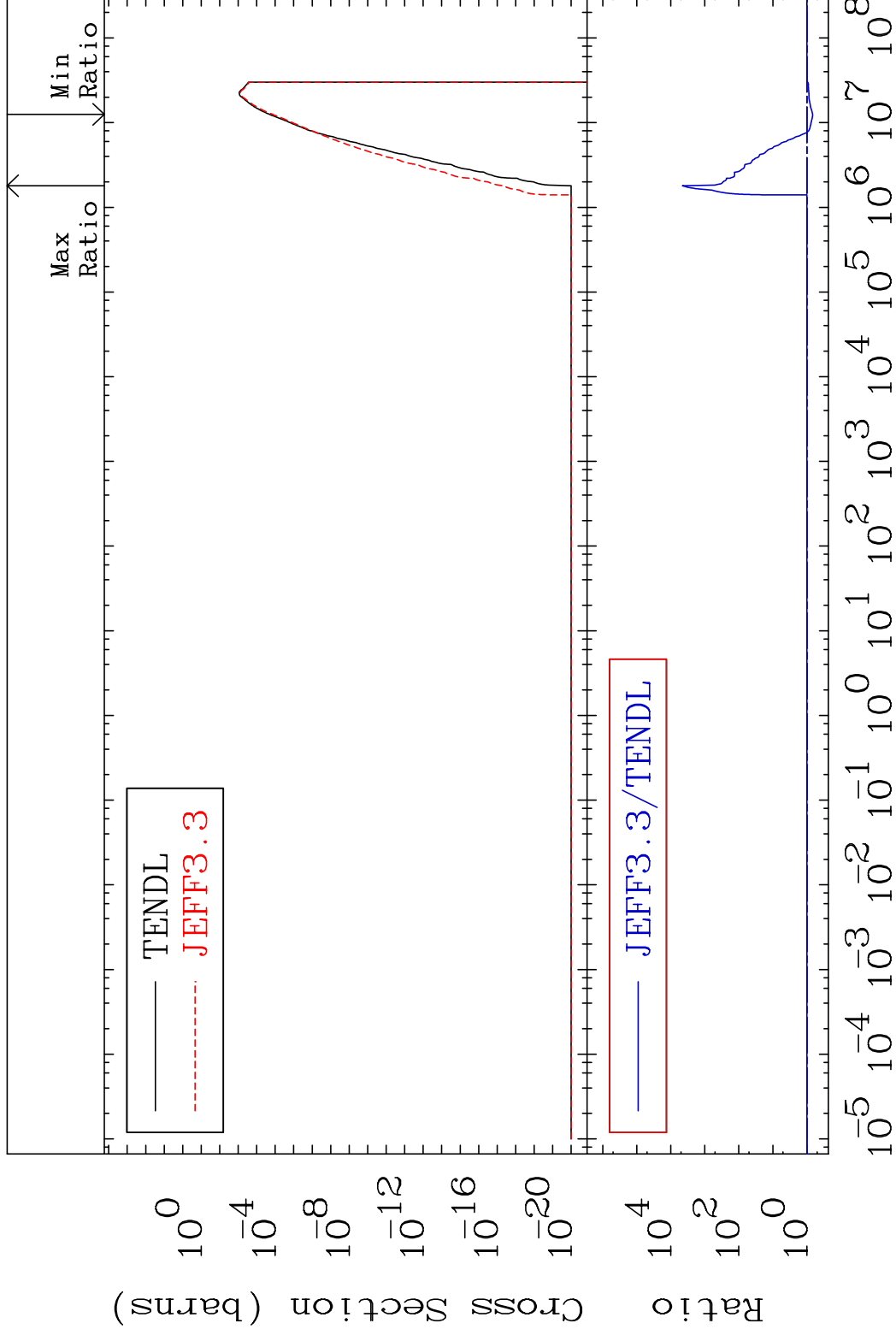
MAT 5255

(n,  $\alpha$ )

52-Te-130

Cross Section

-32.06 To 9999. %

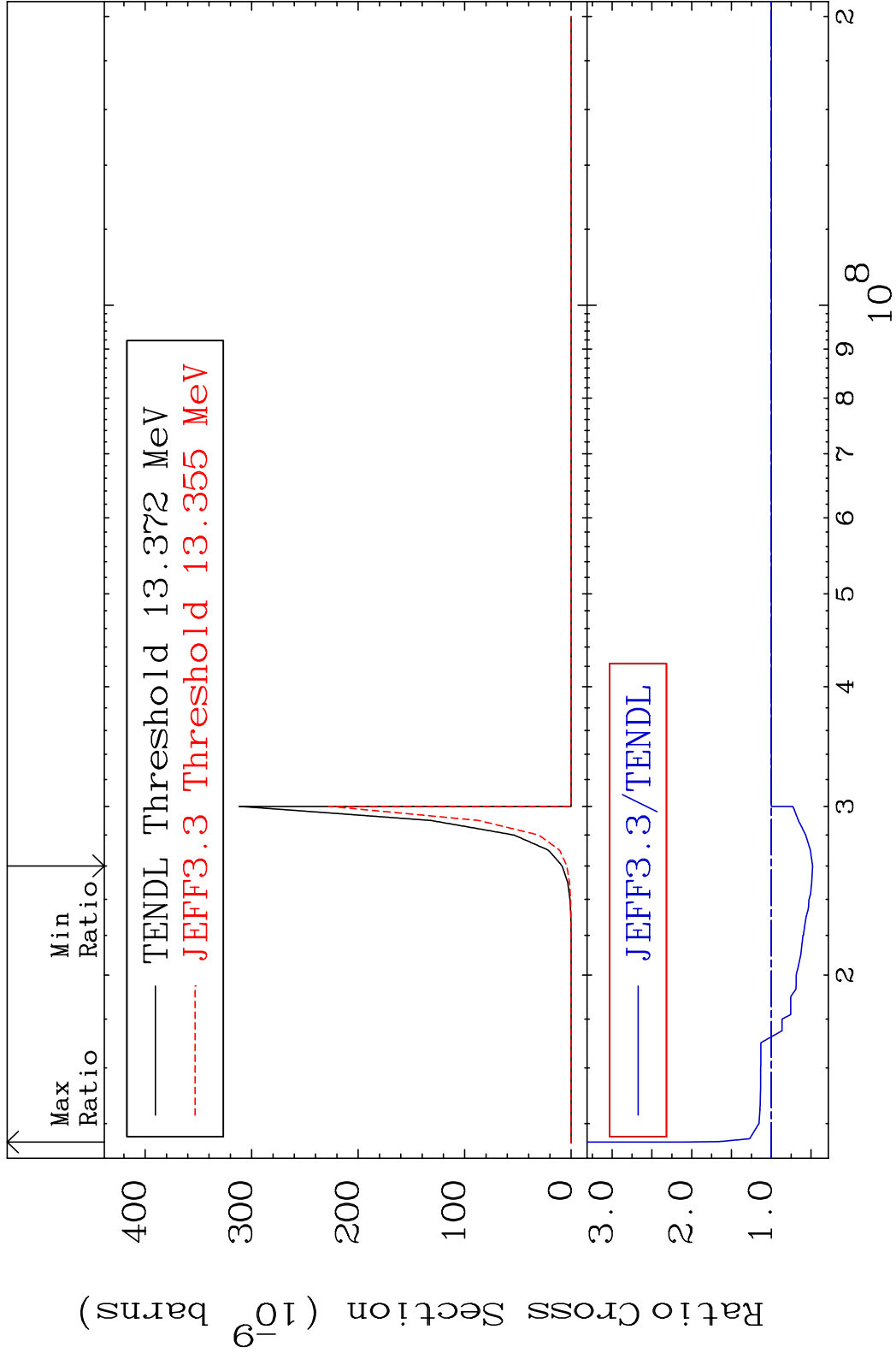


54

Incident Energy (eV)

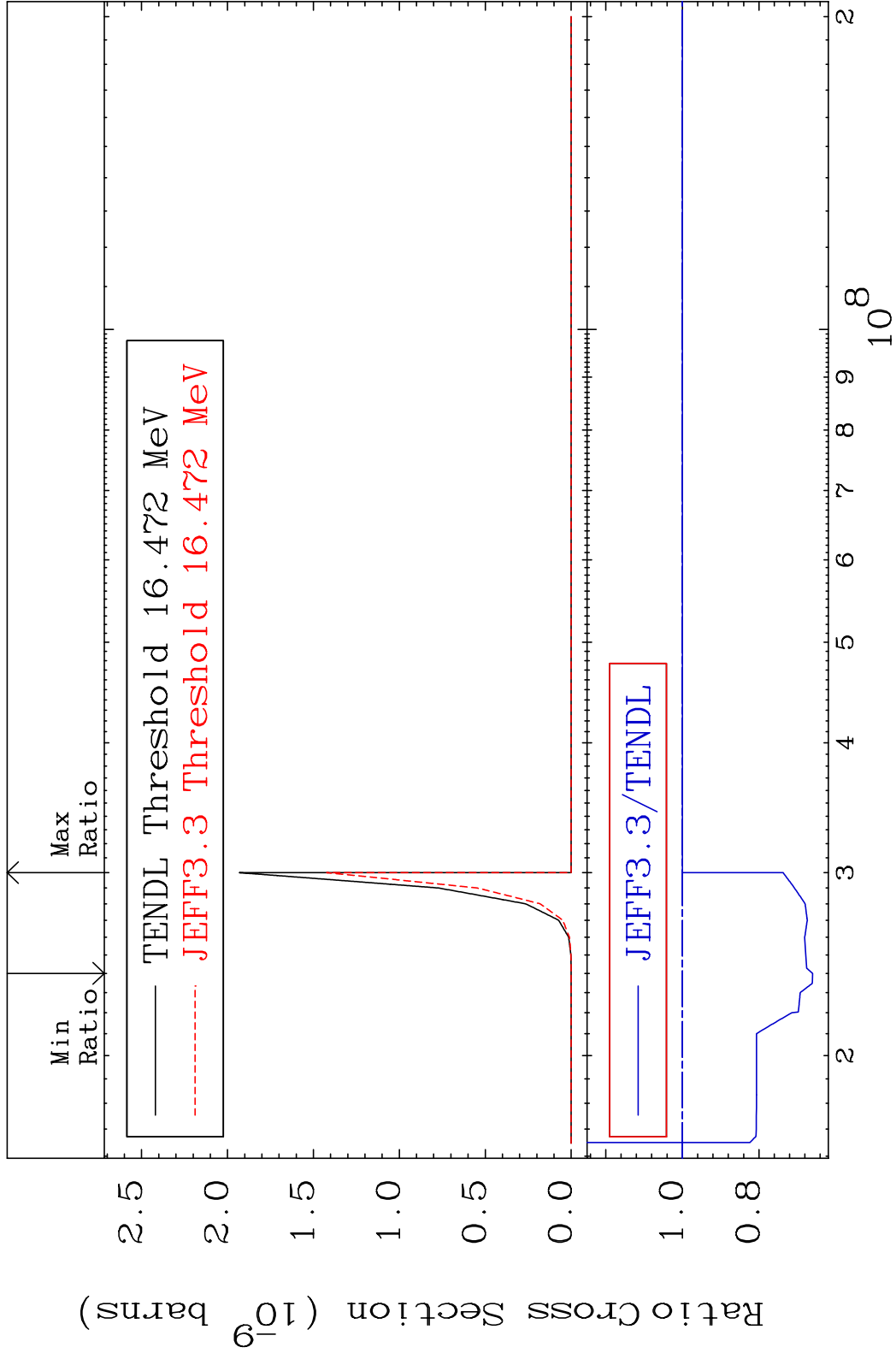
52-Te-130

MAT 5255 (n,2p) 52-Te-130  
 Cross Section -51.82 To 111.8 %





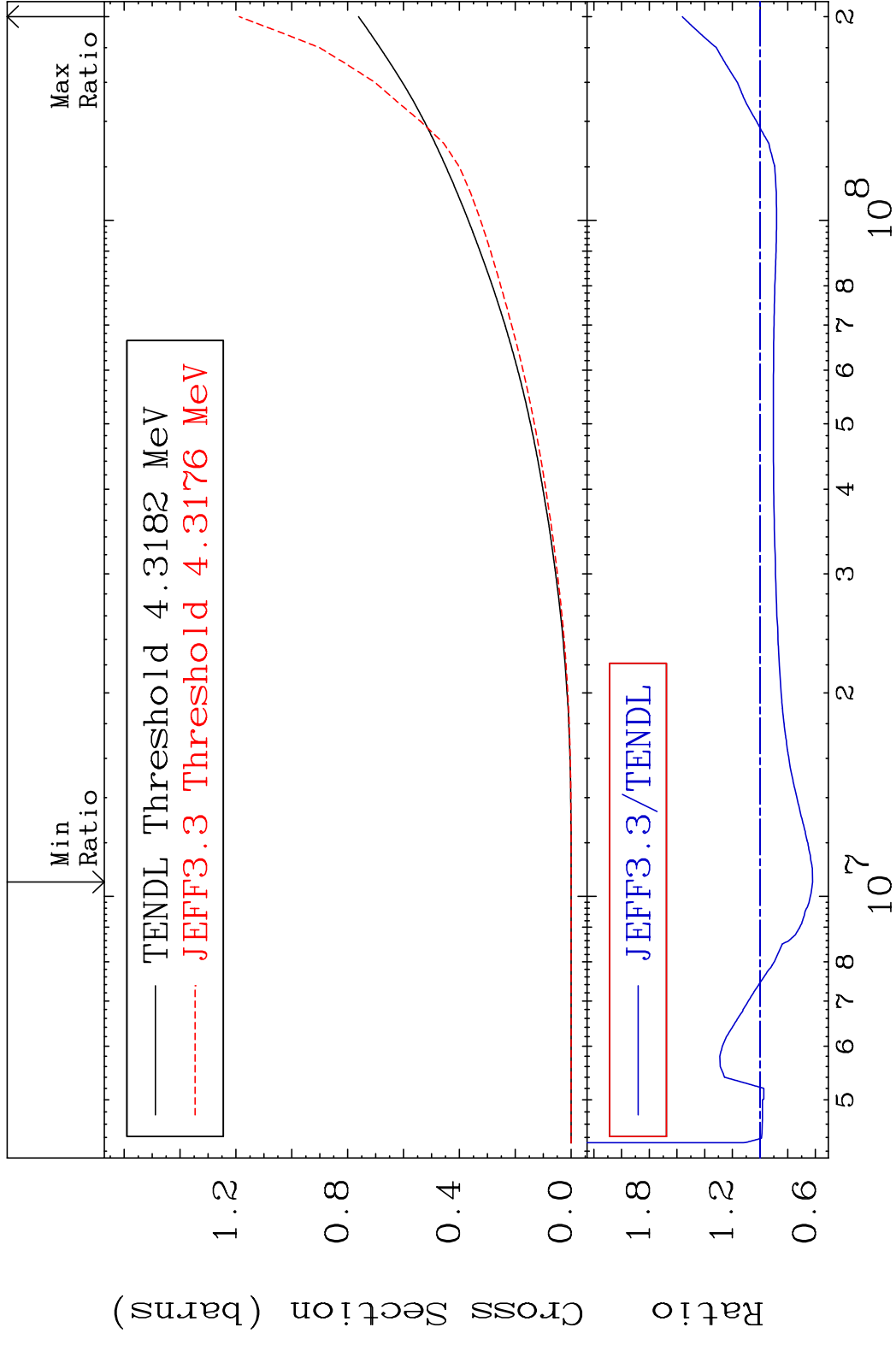
MAT 5255 (n,p) d 52-Te-130  
 Cross Section -33.99 To 0.000 %



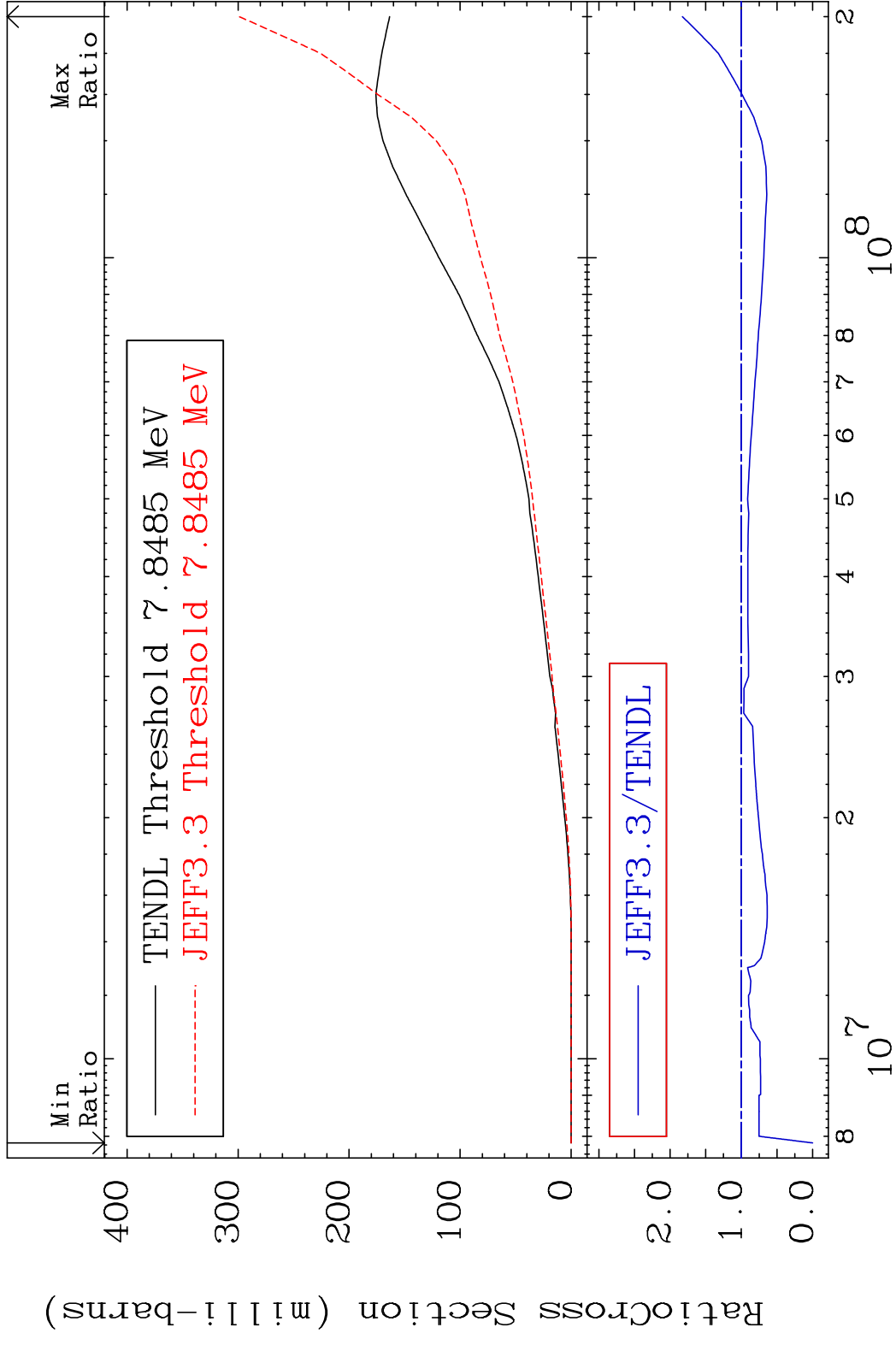
MAT 5255

Hydrogen Production  
Cross Section -37.92 To 56.11 %

52-Te-130



MAT 5255 Deuterium Production 52-Te-130  
 Cross Section -100.0 To 82.81 %



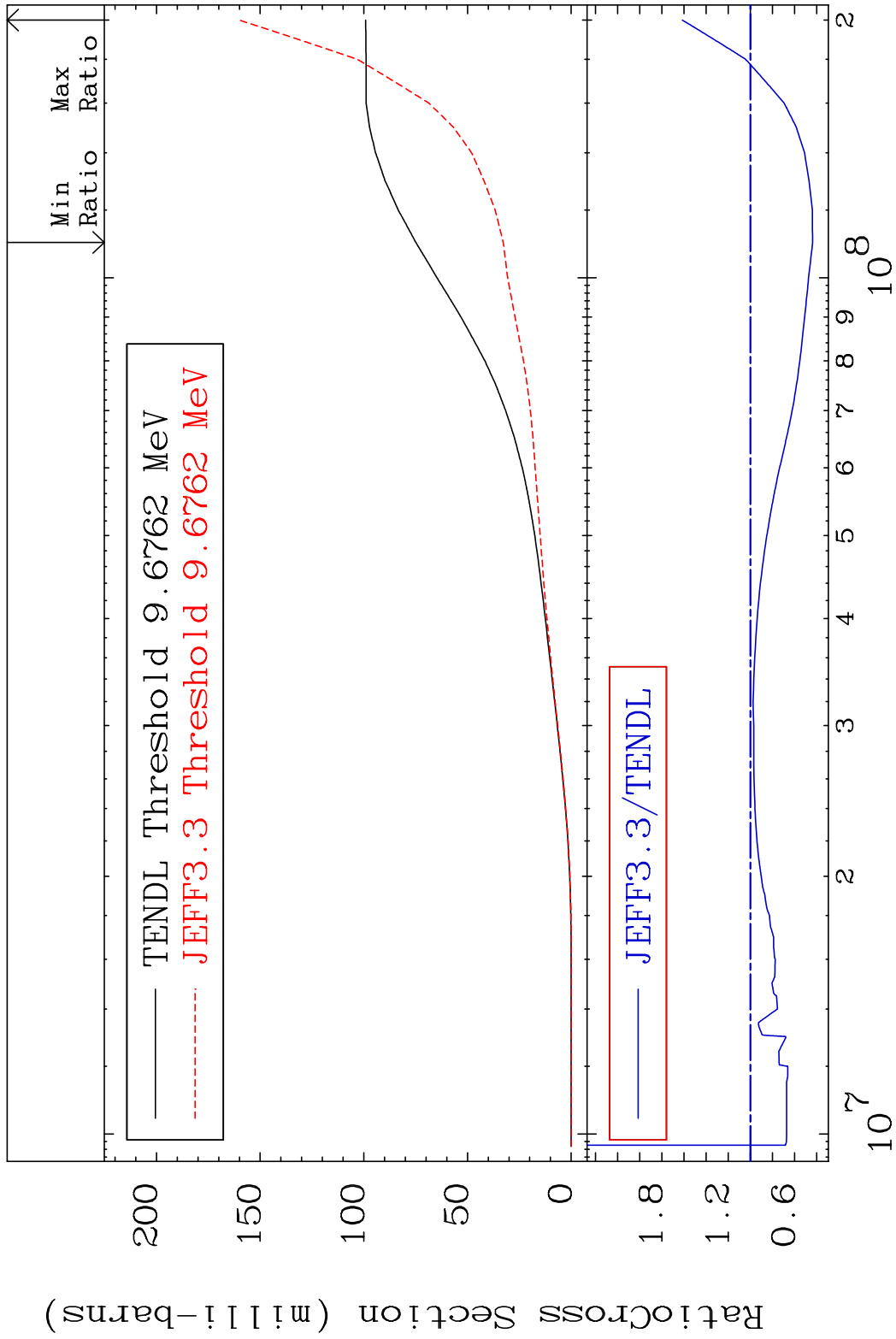
MAT 5255

Tritium Production

52-Te-130

Cross Section

-56.29 To 61.50 %



59

Incident Energy (eV)

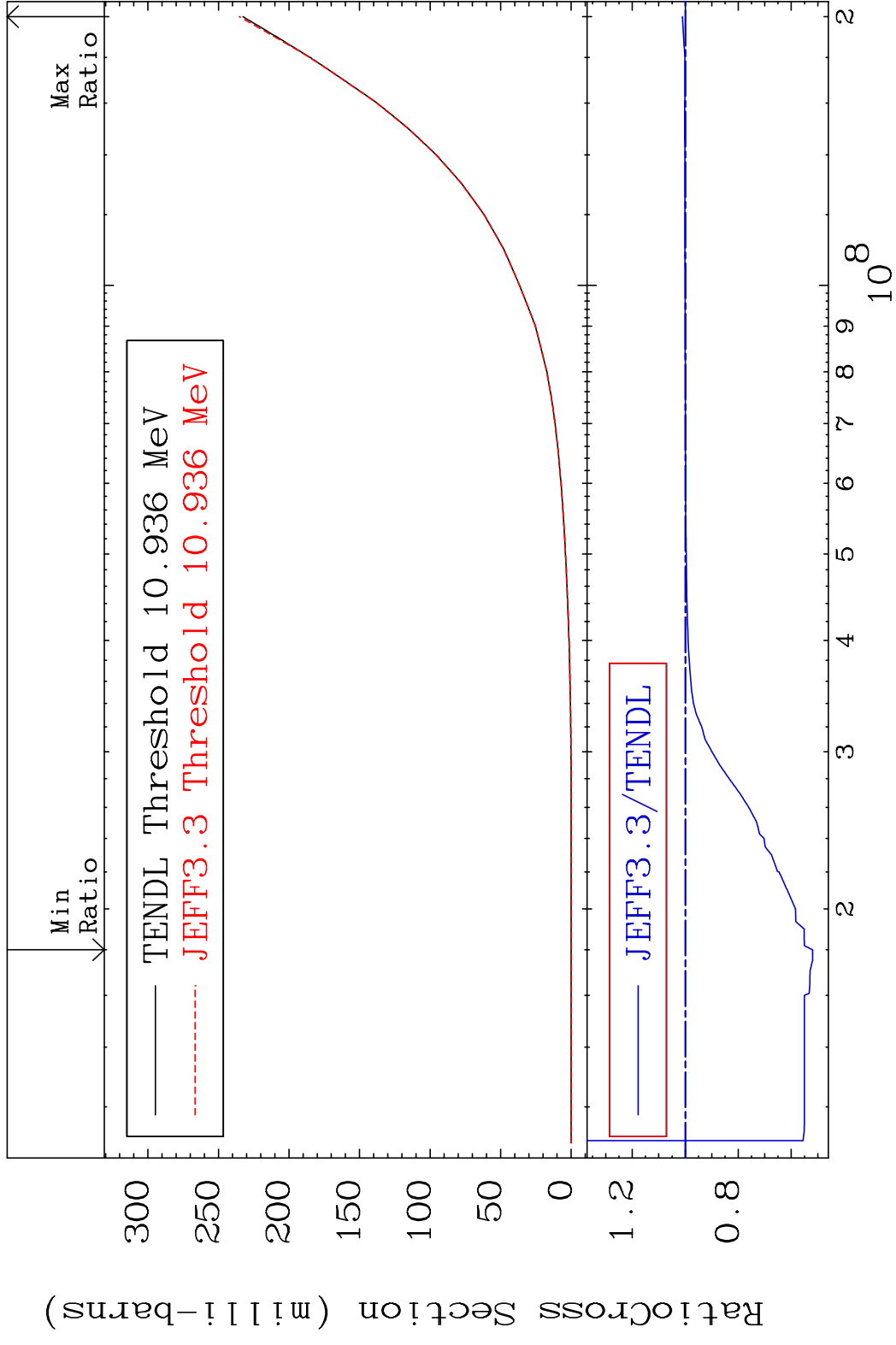
52-Te-130

MAT 5255

He-3 Production

52-Te-130

Cross Section -48.03 To 1.102 %



60

Incident Energy (eV)

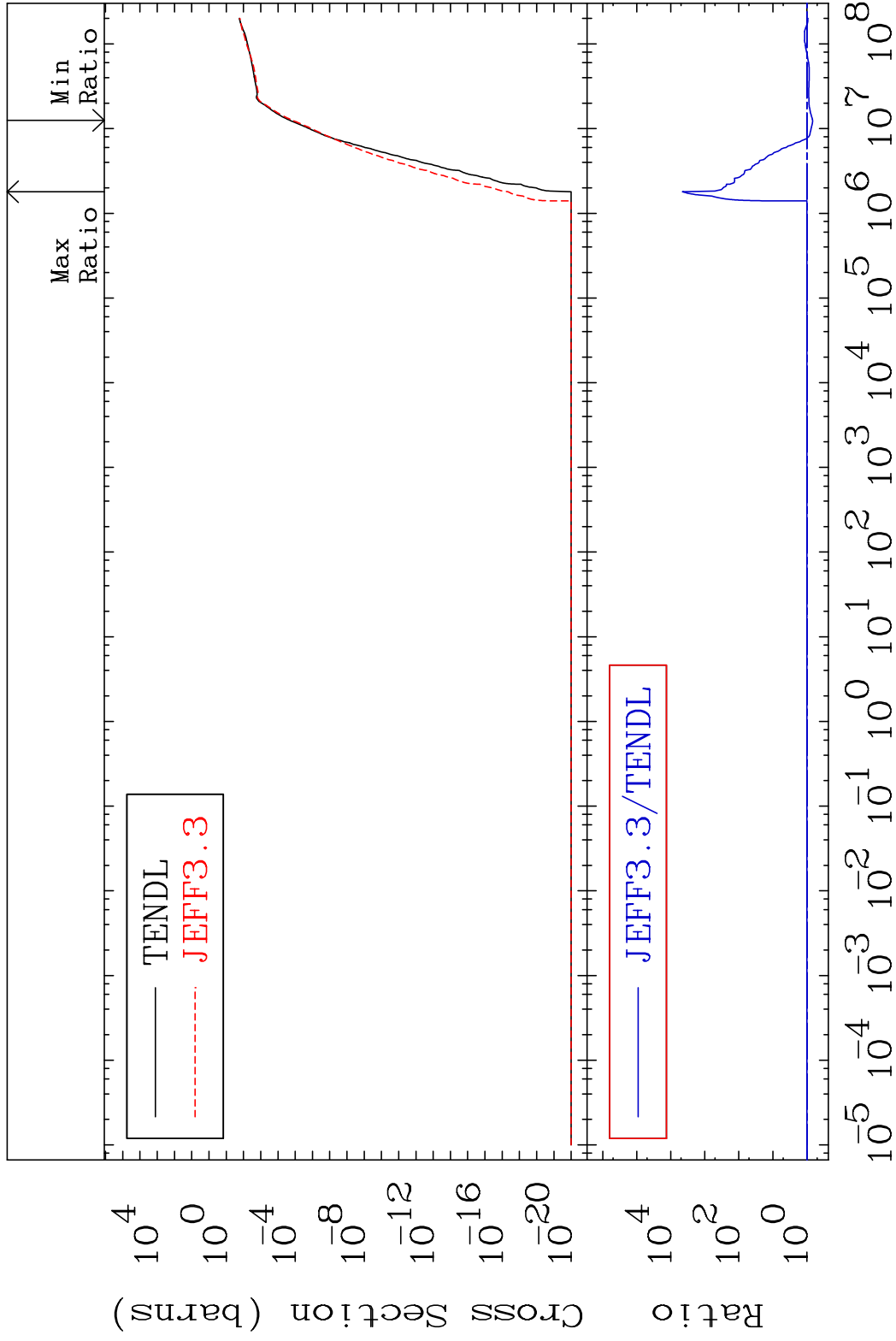
52-Te-130

MAT 5255

He-4 Production

52-Te-130

Cross Section -32.01 To 9999. %

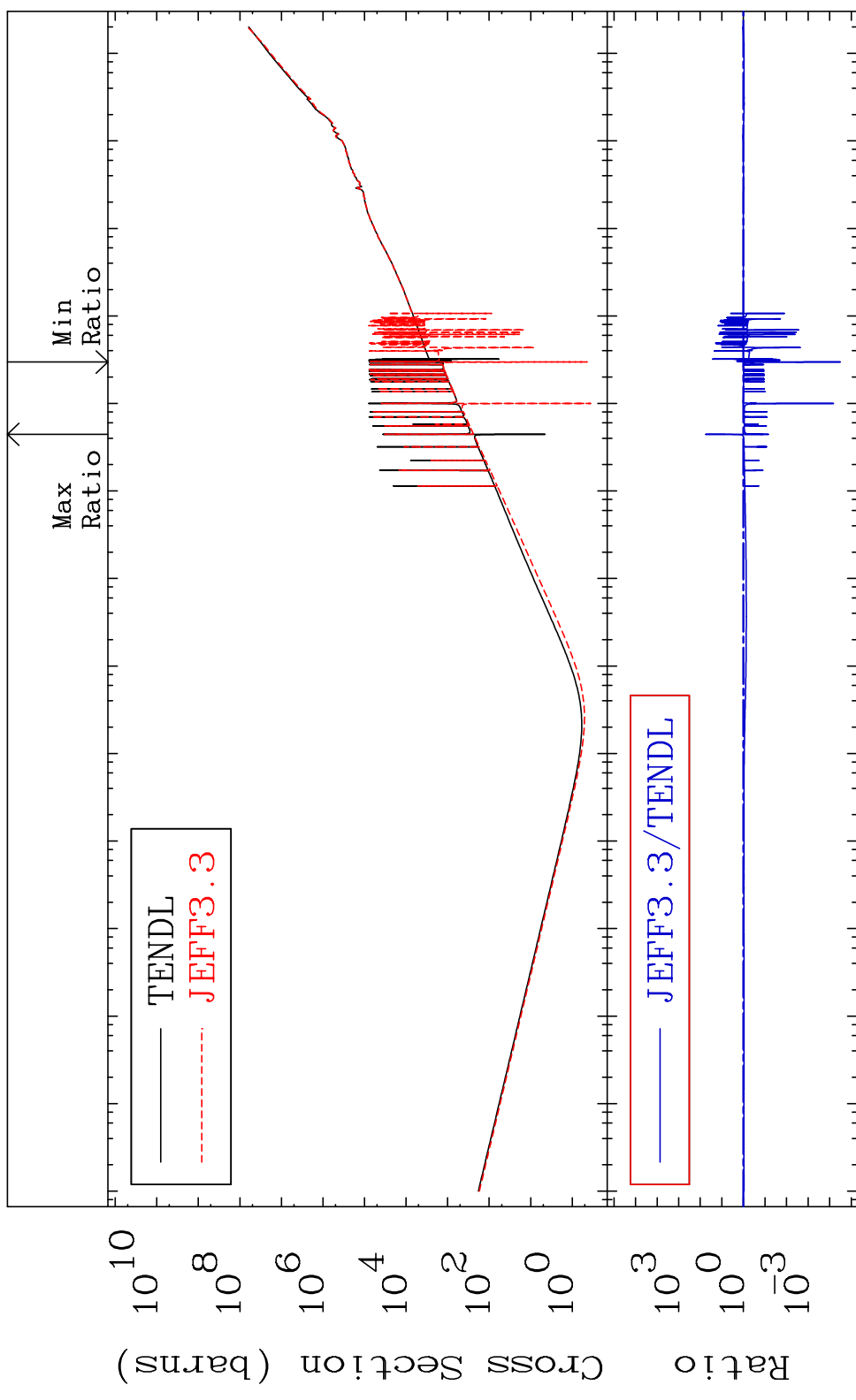


MAT 5255

Kerma total (eV-barns)

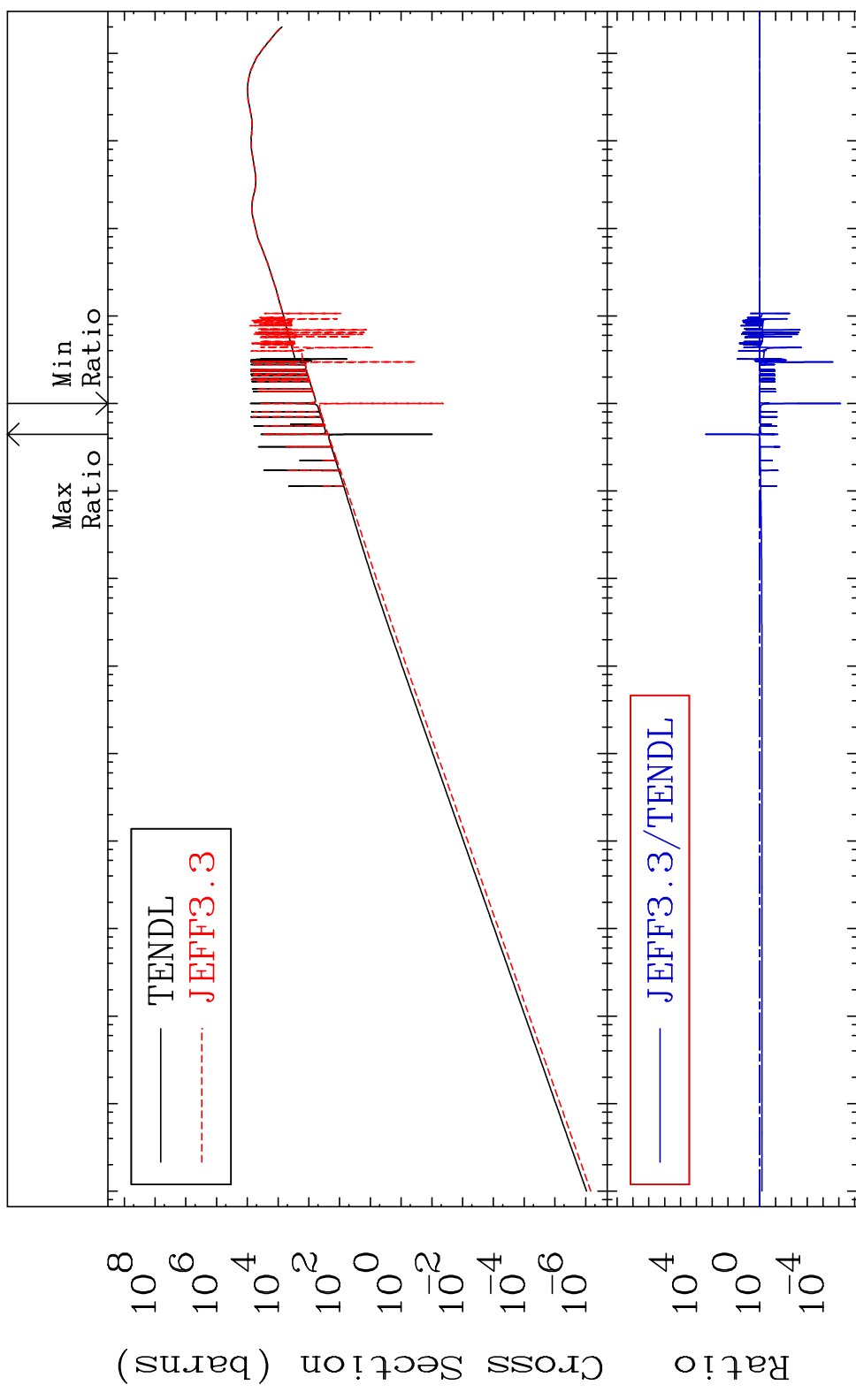
52-Te-130

Cross Section -100.0 To 5446. %



MAT 5255

Kerma elastic Cross Section -100.0 To 9999. %  
52-Te-130



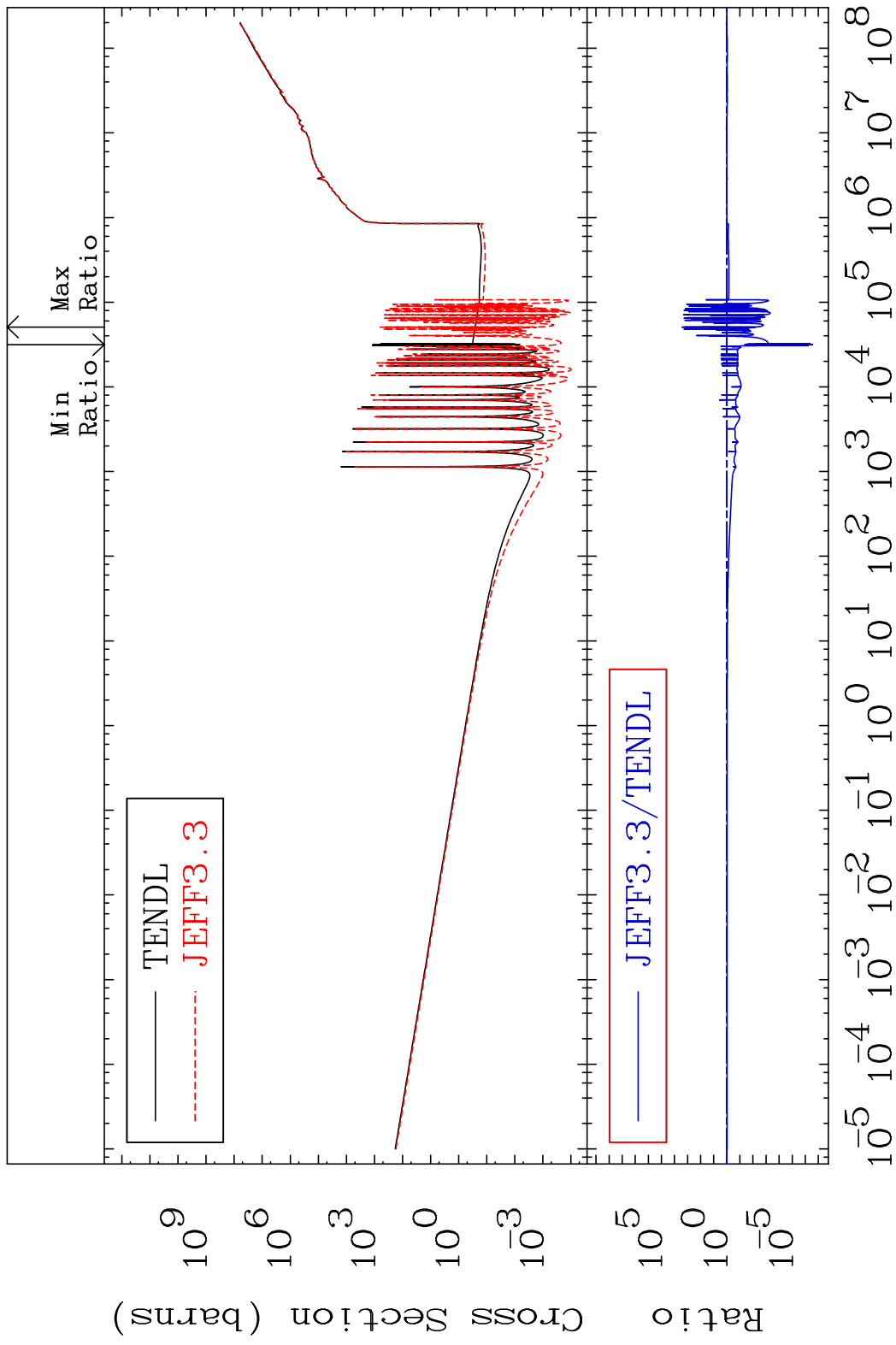
63

Incident Energy (eV)

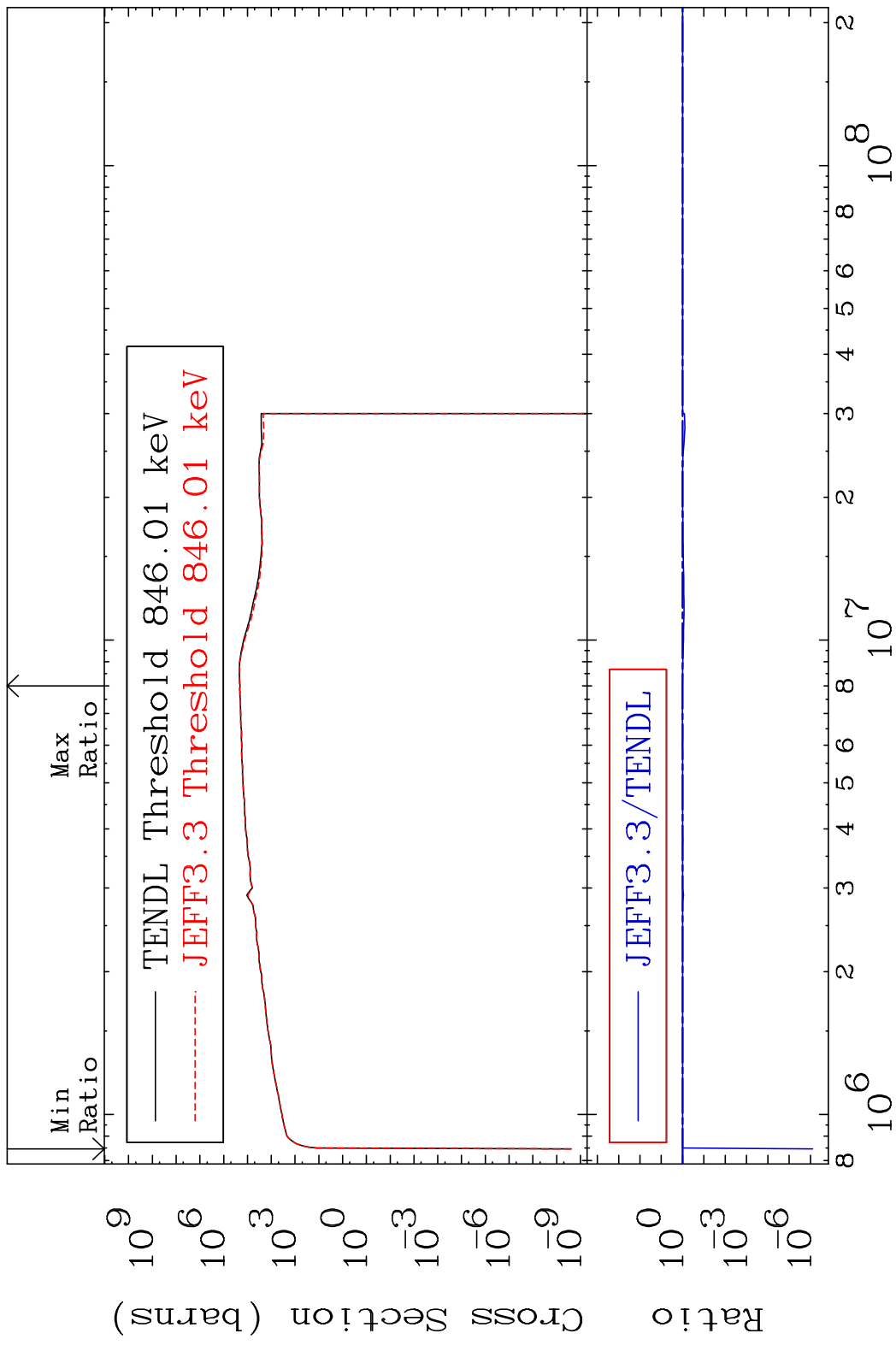
52-Te-130



MAT 5255 Kerma non-elastic (all but mt2) 52-Te-130  
 Cross Section -100.0 To 9999. %

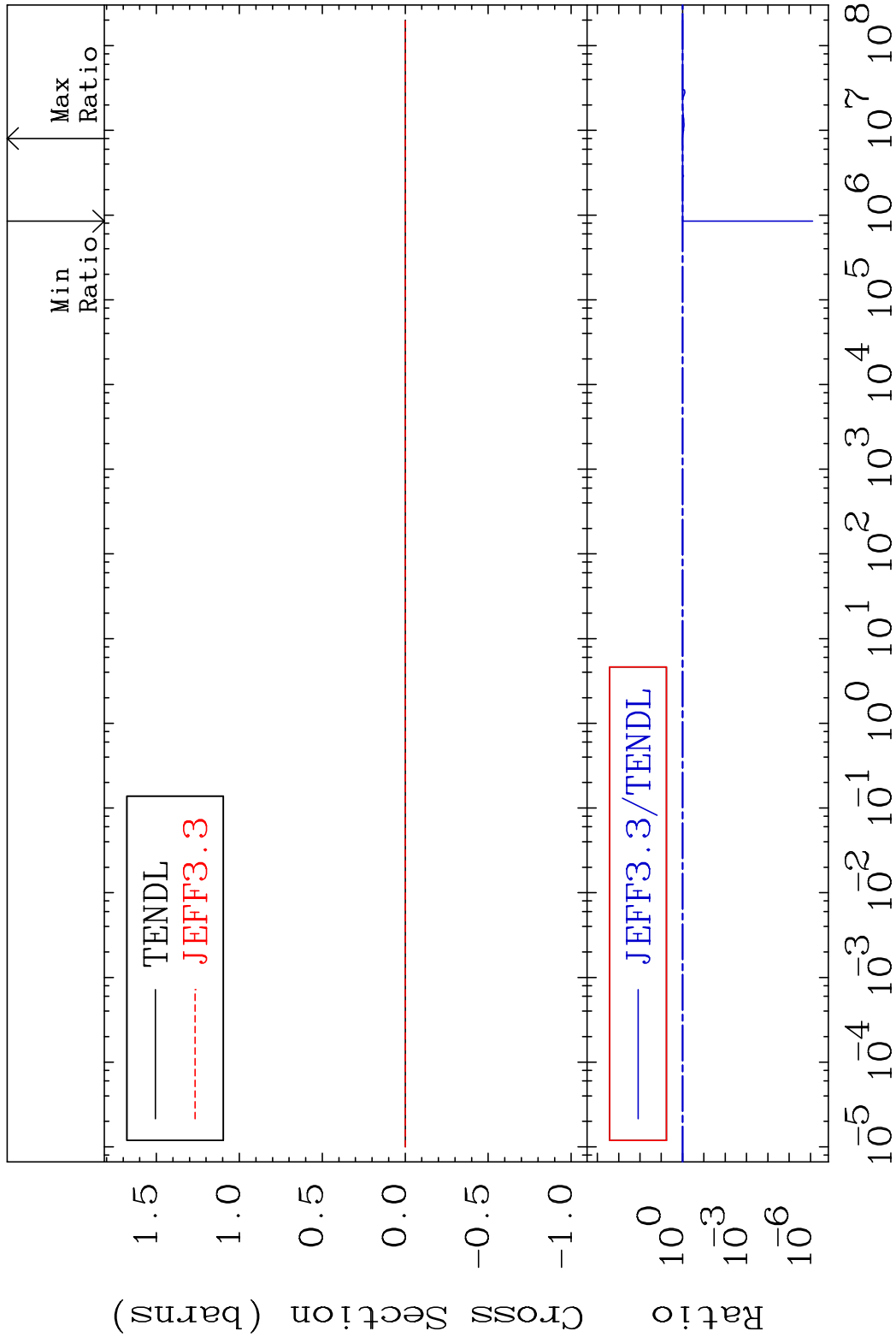


MAT 5255 Kerma inelastic (mt51-91) 52-Te-130  
 Cross Section -100.0 To 2.692 %



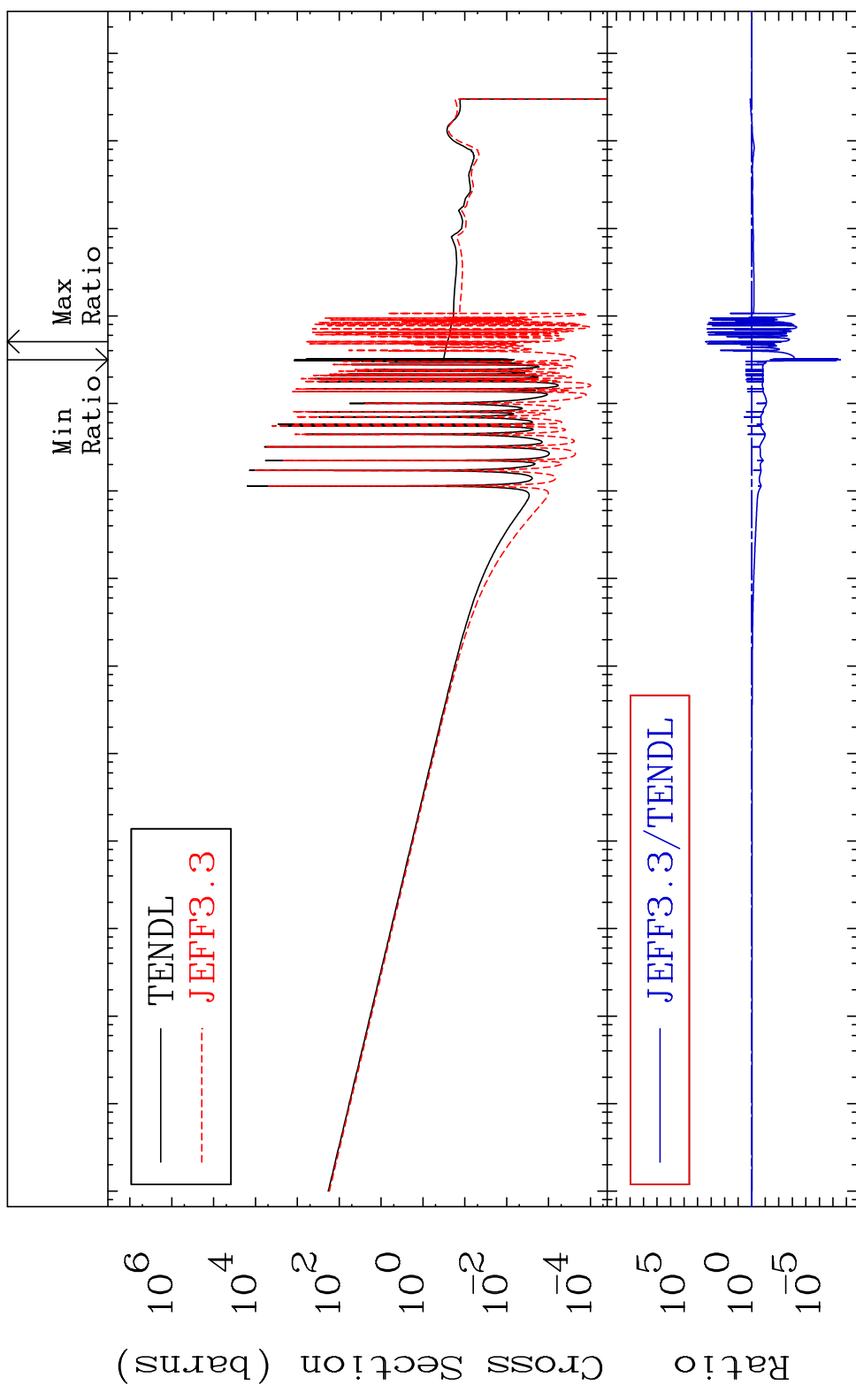
65 Incident Energy (eV) 52-Te-130

MAT 5255 Kerma fission (mt18 or mt19-20-21-38) 52-Te-130  
 Cross Section -100.0 To 2.692 %



MAT 5255

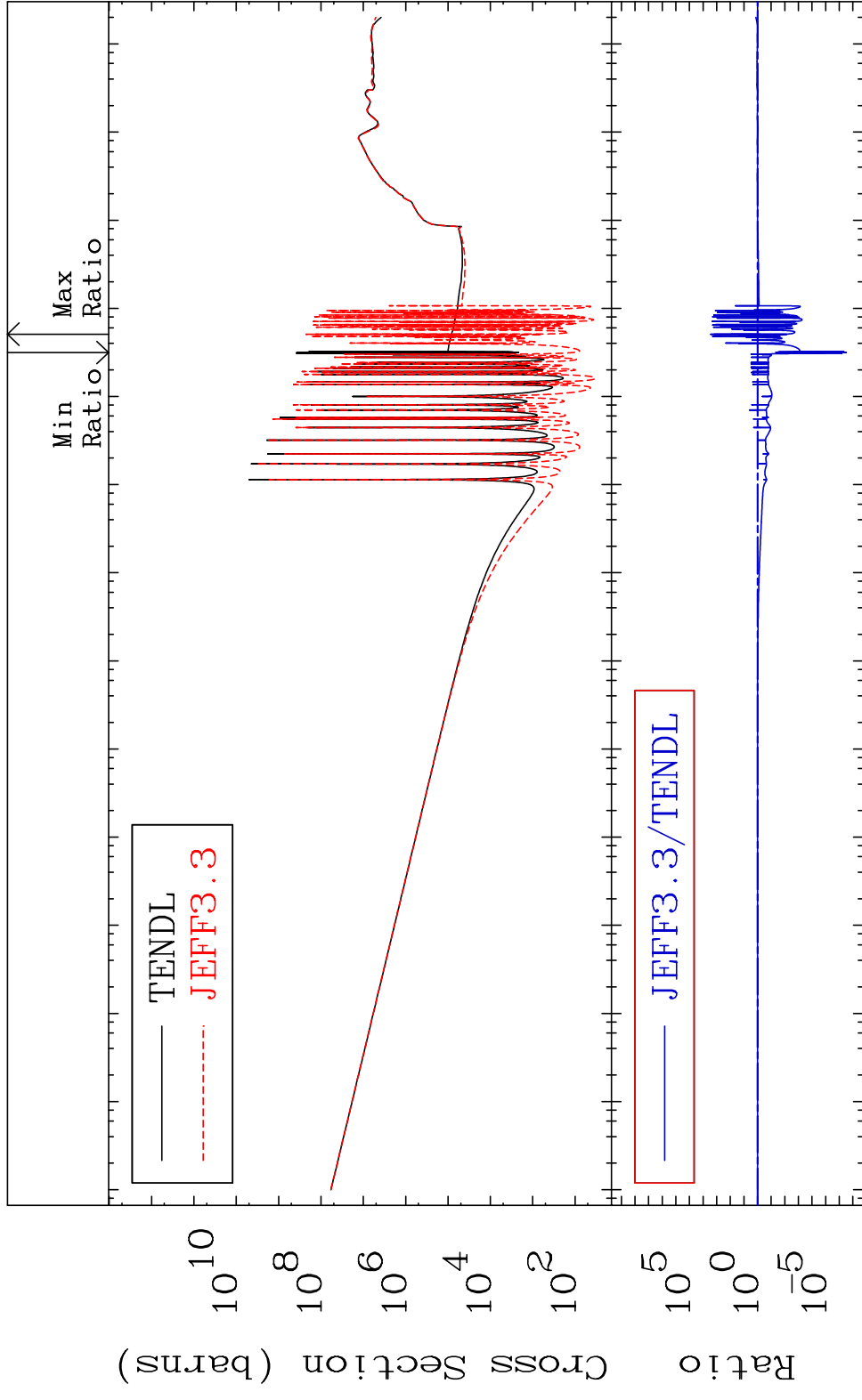
Kerma capture (mt102) 52-Te-130  
Cross Section -100.0 To 9999. %



67

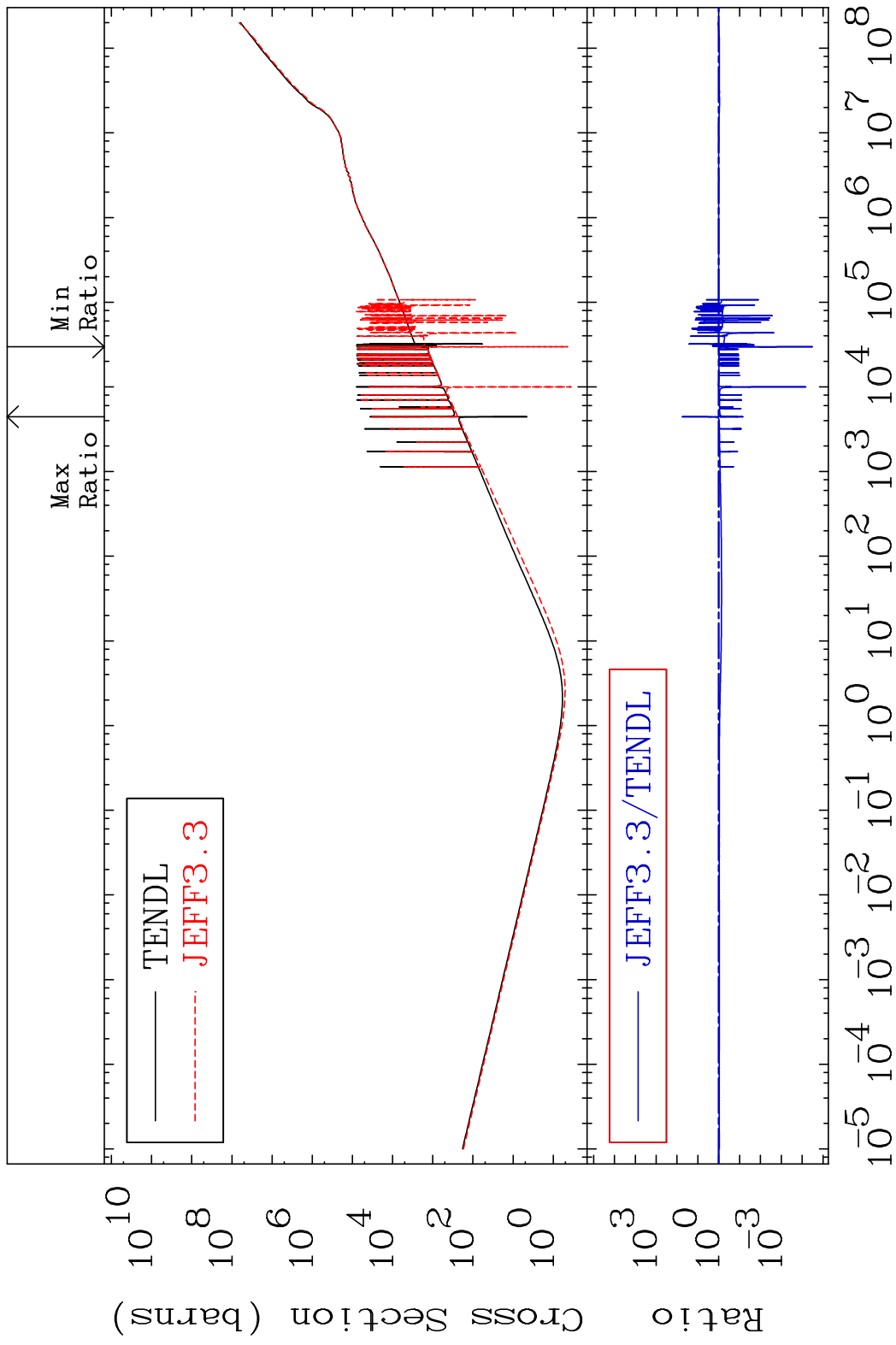
Incident Energy (eV) 52-Te-130

MAT 5255 Total photon (eV-barns) 52-Te-130  
 Cross Section -100.0 To 9999. %

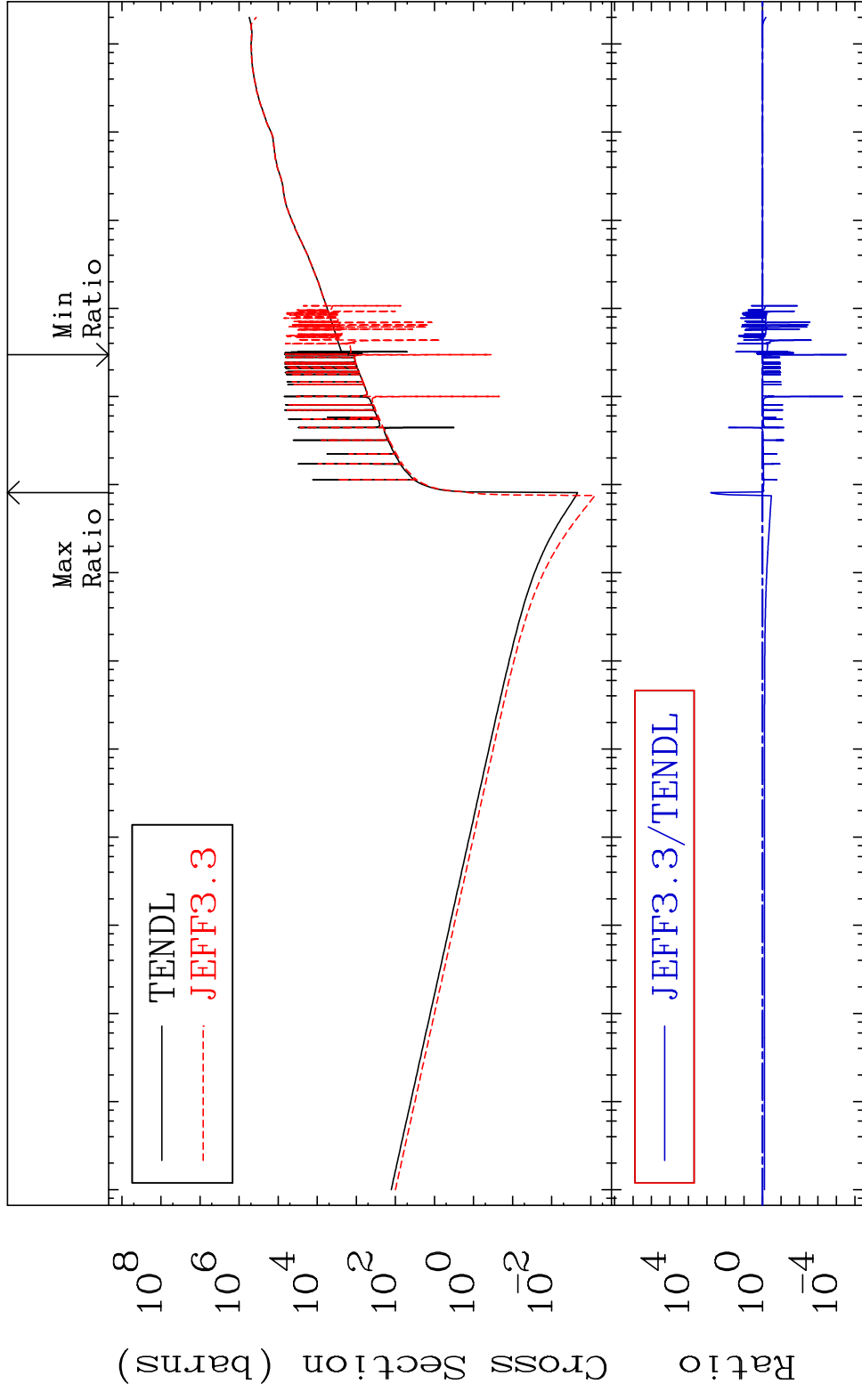


68 Incident Energy (eV) 52-Te-130

MAT 5255 Total kinematic kerma (high limit) 52-Te-130  
Cross Section -100.0 To 5446. %



MAT 5255 Dpa total (eV-barns) 52-Te-130  
 Cross Section -100.0 To 9999. %



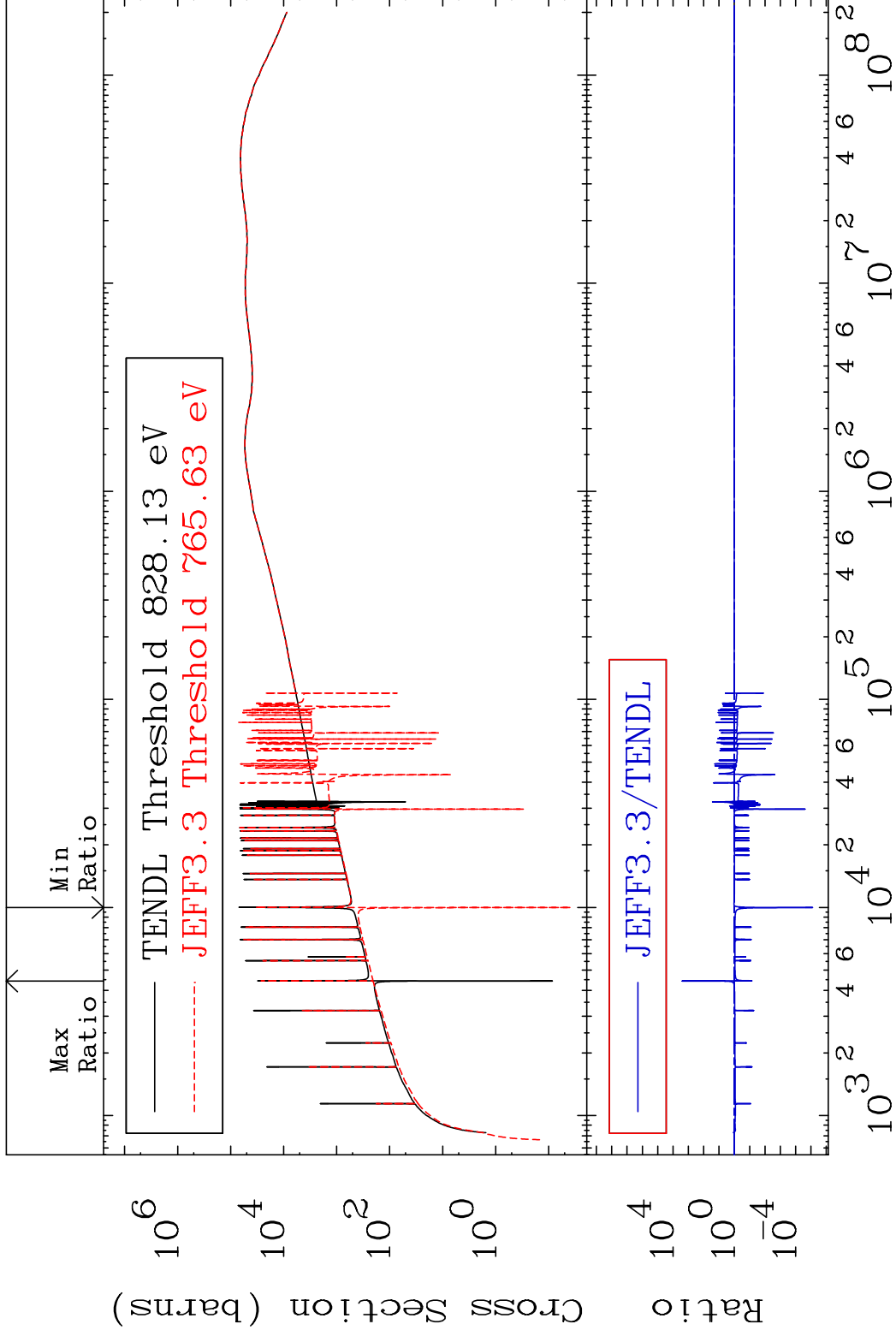
70 Incident Energy (eV) 52-Te-130

MAT 5255

Dpa elastic (mt2)

52-Te-130

Cross Section -100.0 To 9999. %



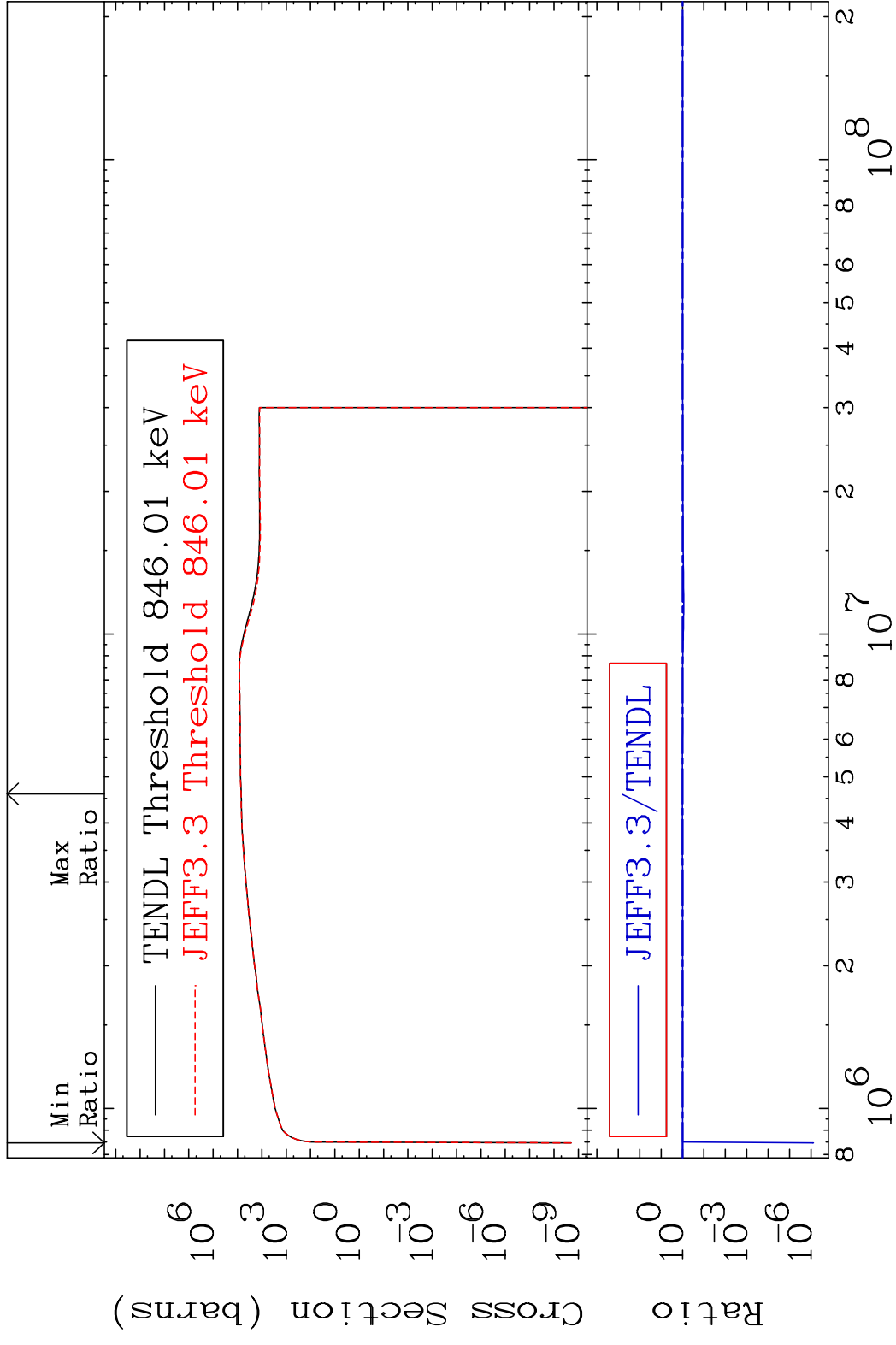
71

Incident Energy (eV)

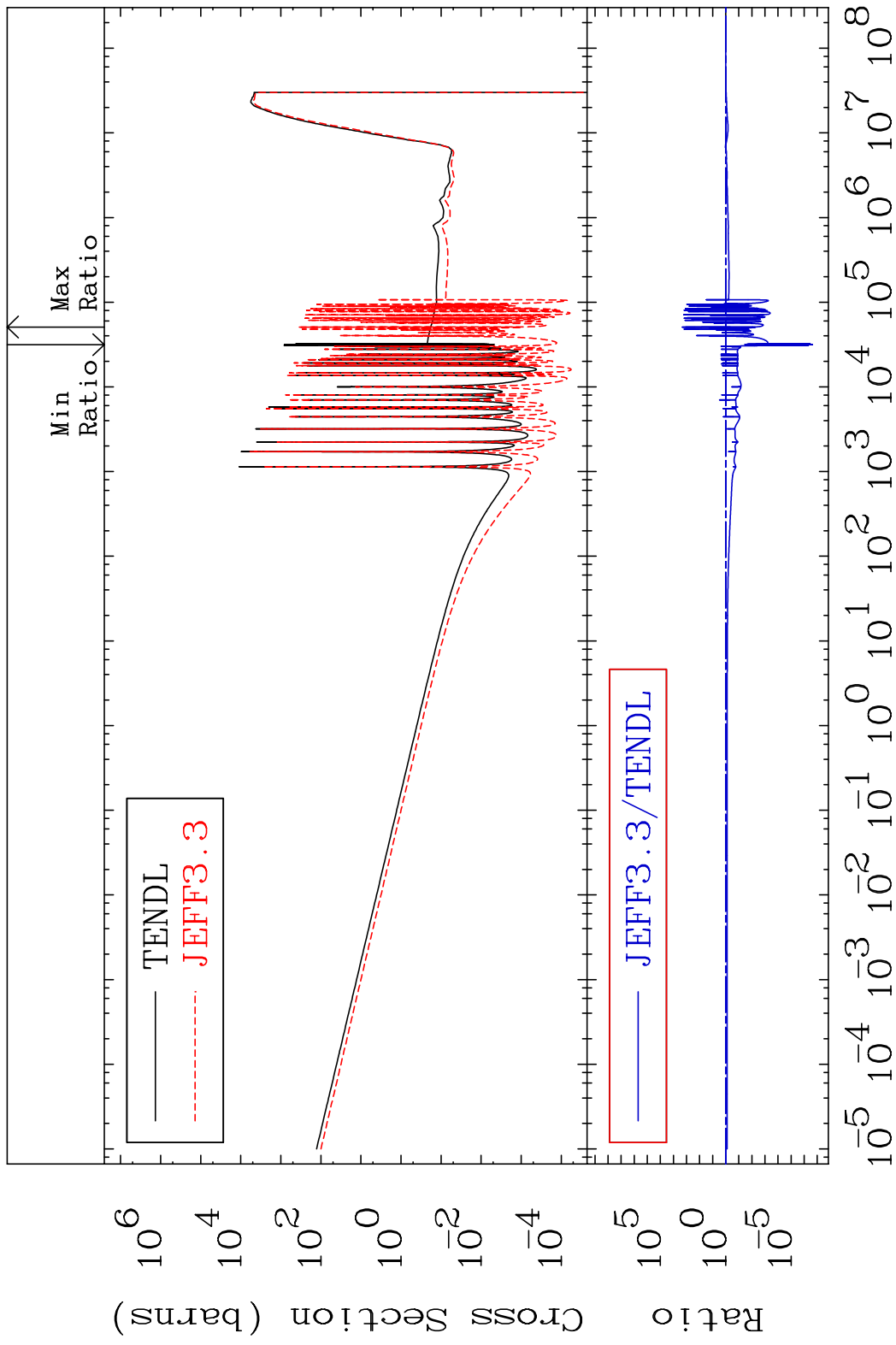
52-Te-130



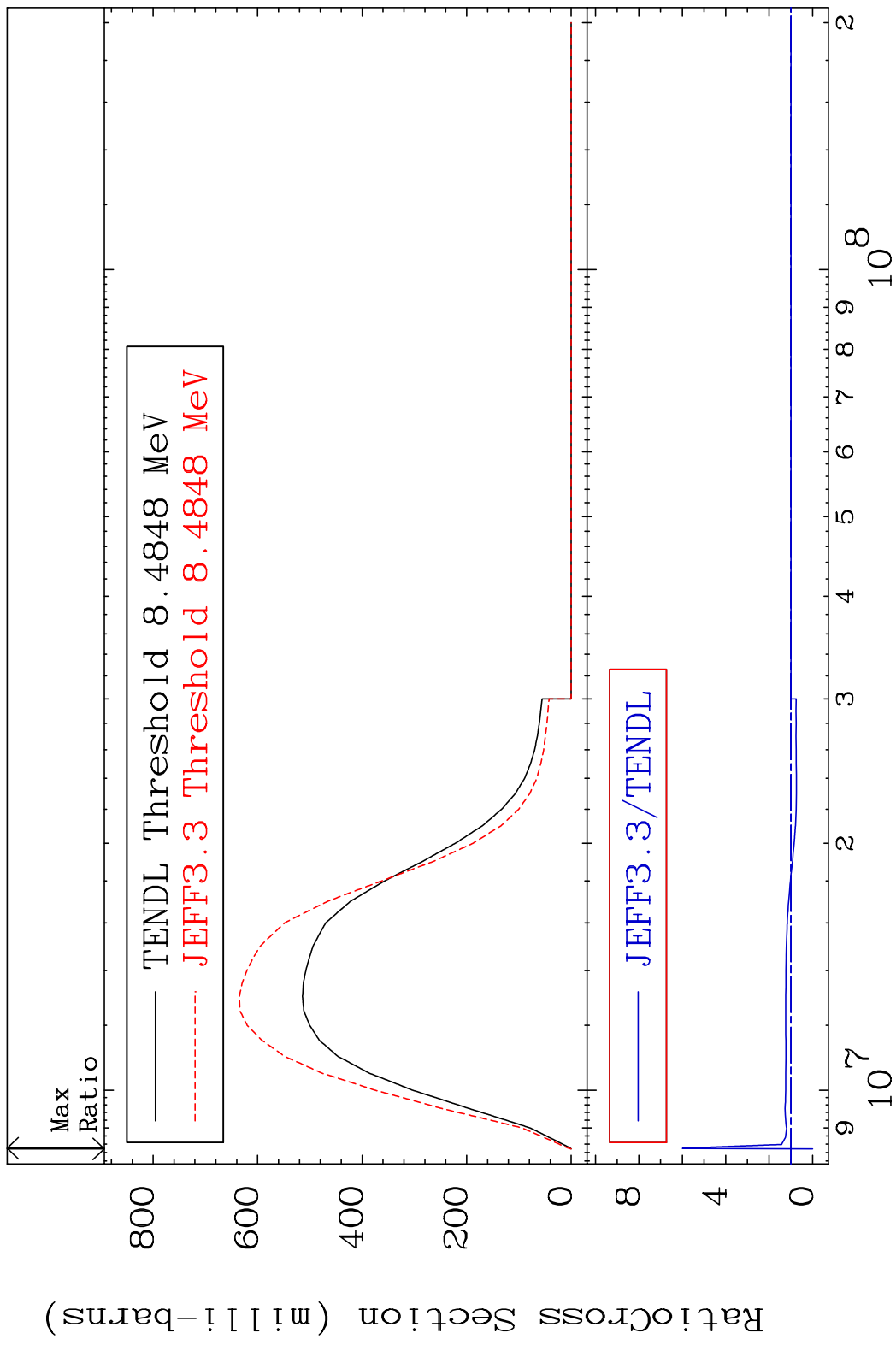
MAT 5255      Dpa inelastic (mt51-91)      52-Te-130  
 Cross Section      -100.0 To 1.756 %



MAT 5255 Dpa disappearance (mt102 -120) 52-Te-130  
 Cross Section -100.0 To 9999. %

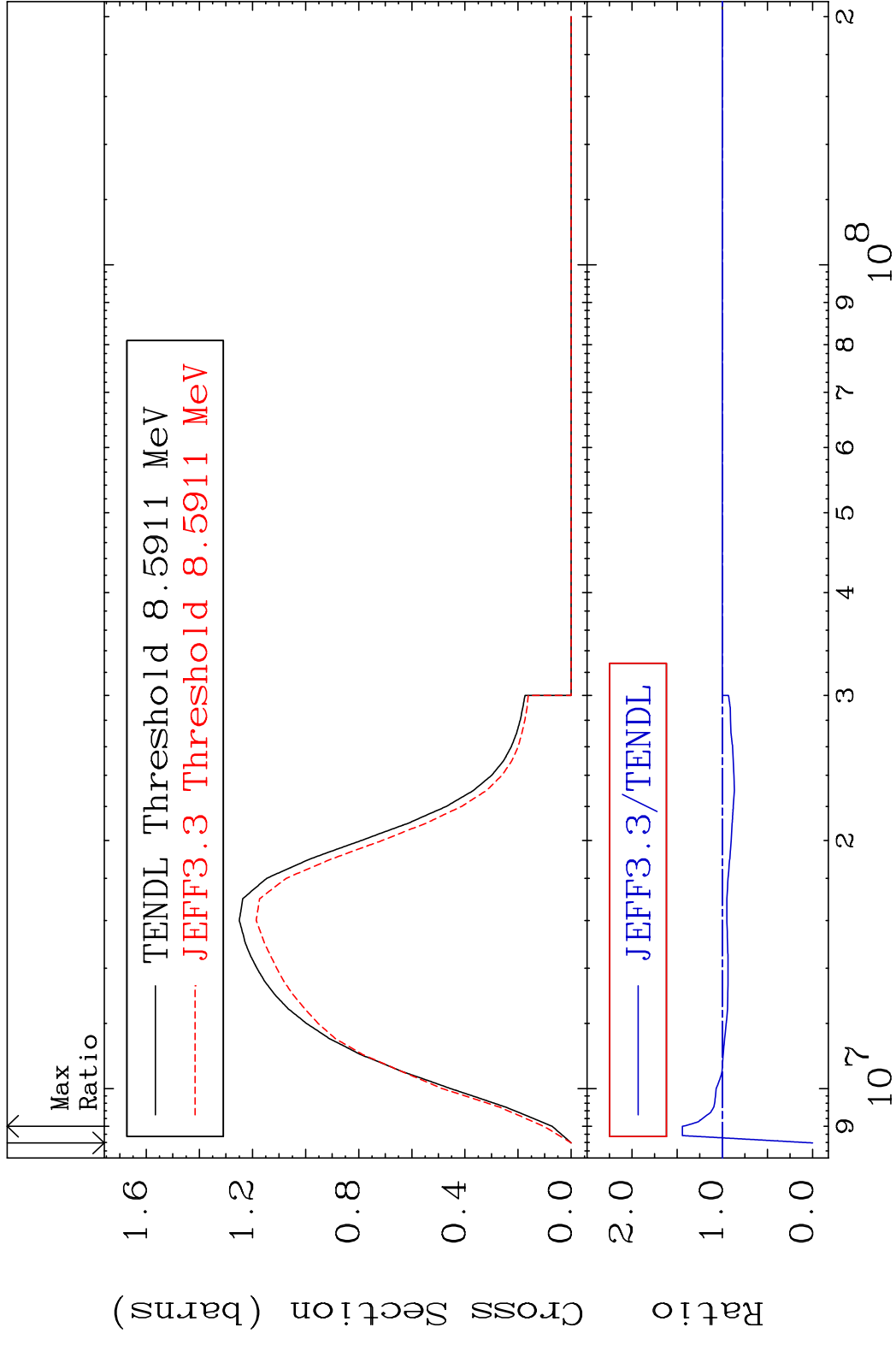


MAT 5255 (n,2n):52-Te-129g 52-Te-130  
 Radionuclide Production Cross Section 180.0 dth 499.7 %

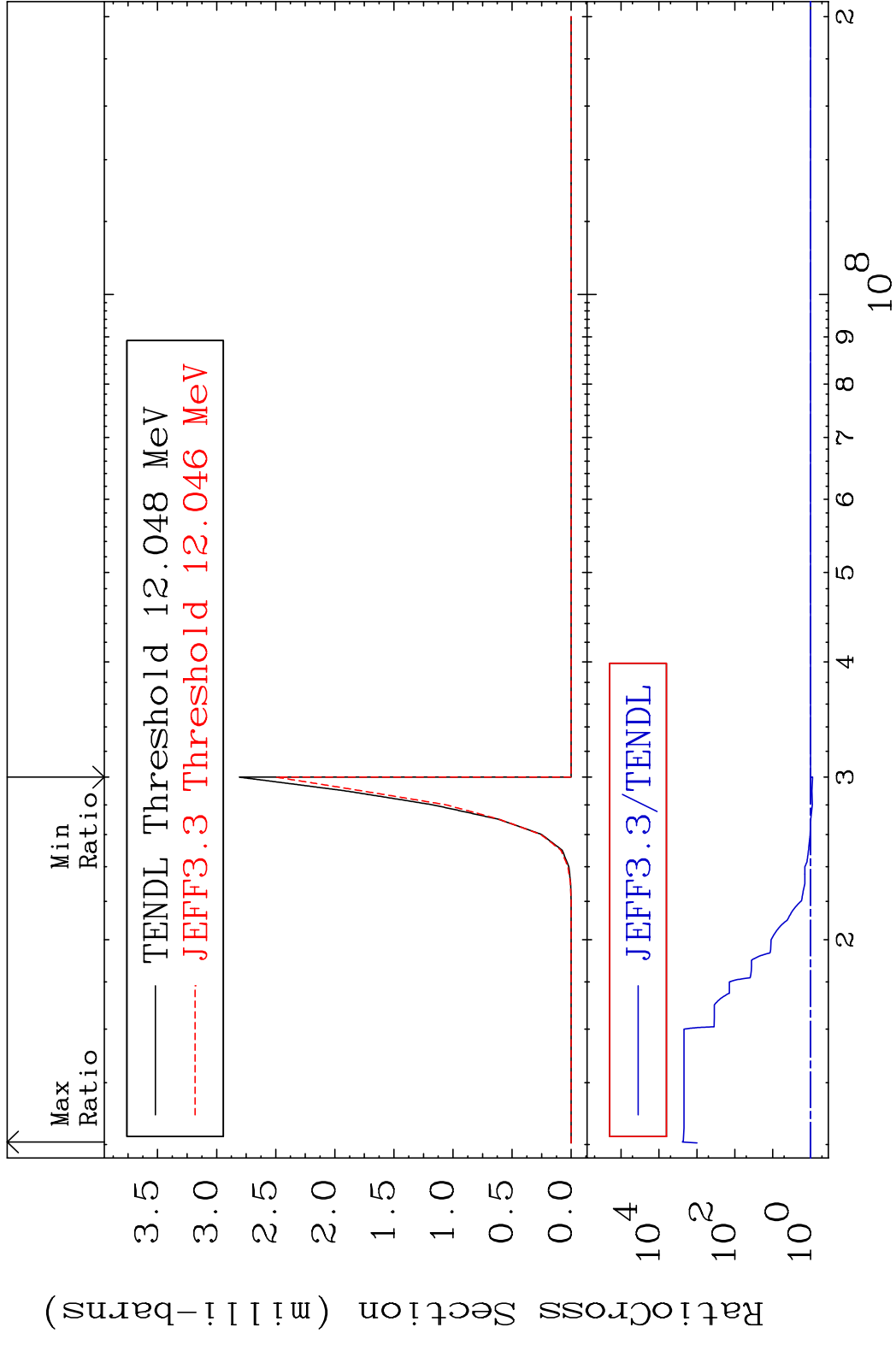


74 Incident Energy (eV) 52-Te-130

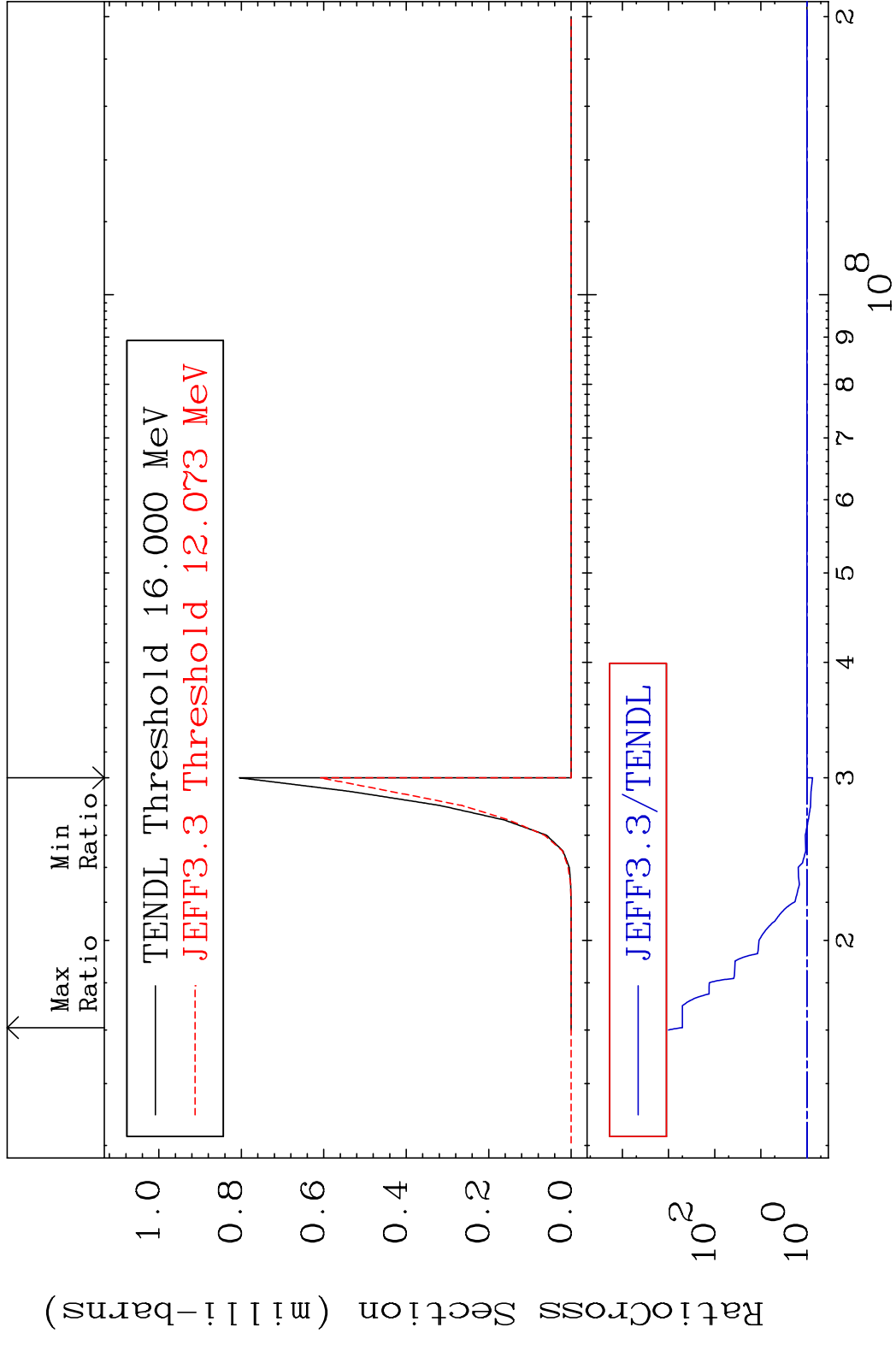
MAT 5255 (n,2n):52-Te-129m1 52-Te-130  
 Radionuclide Production Cross Section 180.01 dth 44.24 %



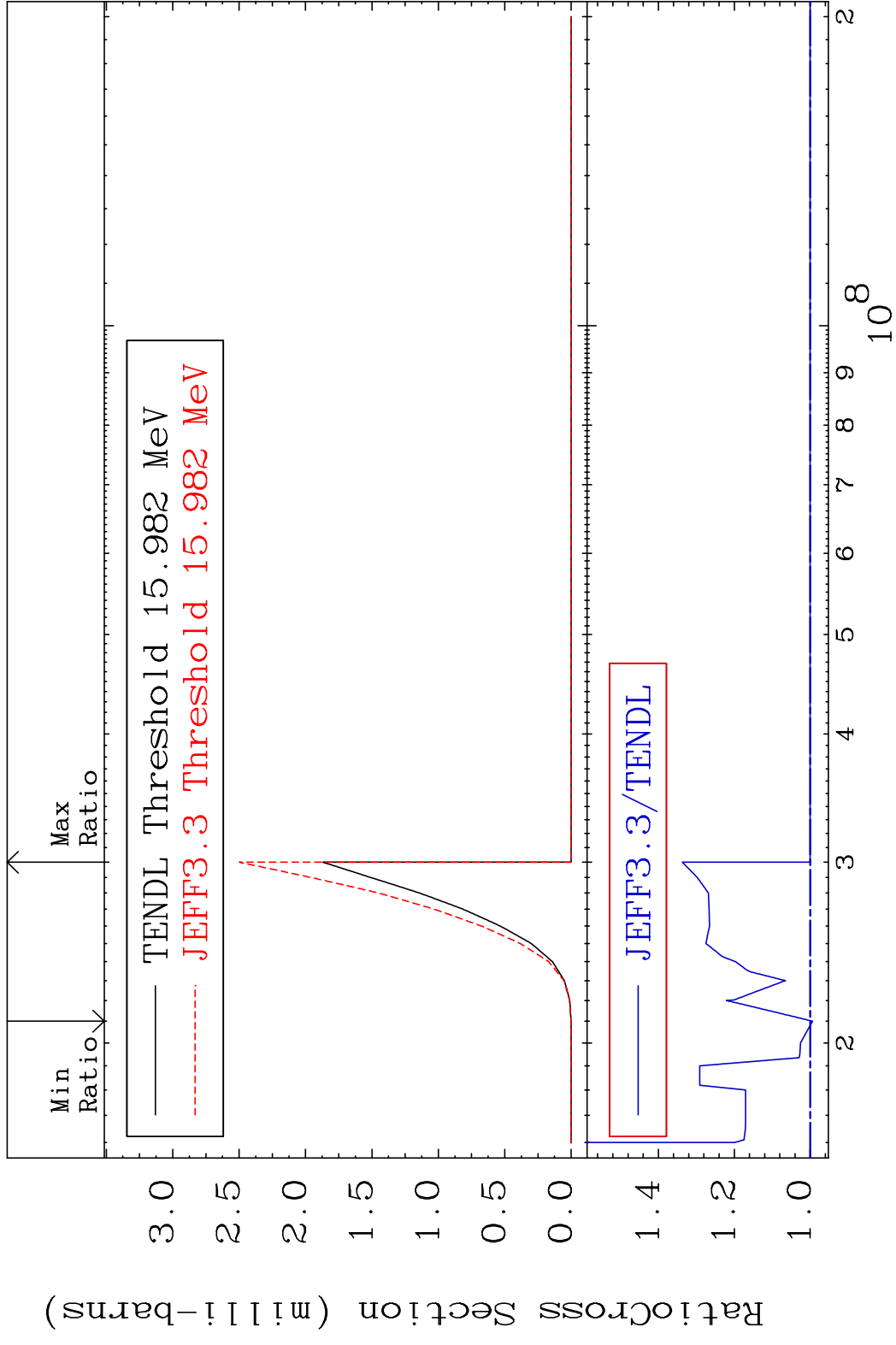
75 Incident Energy (eV) 52-Te-130



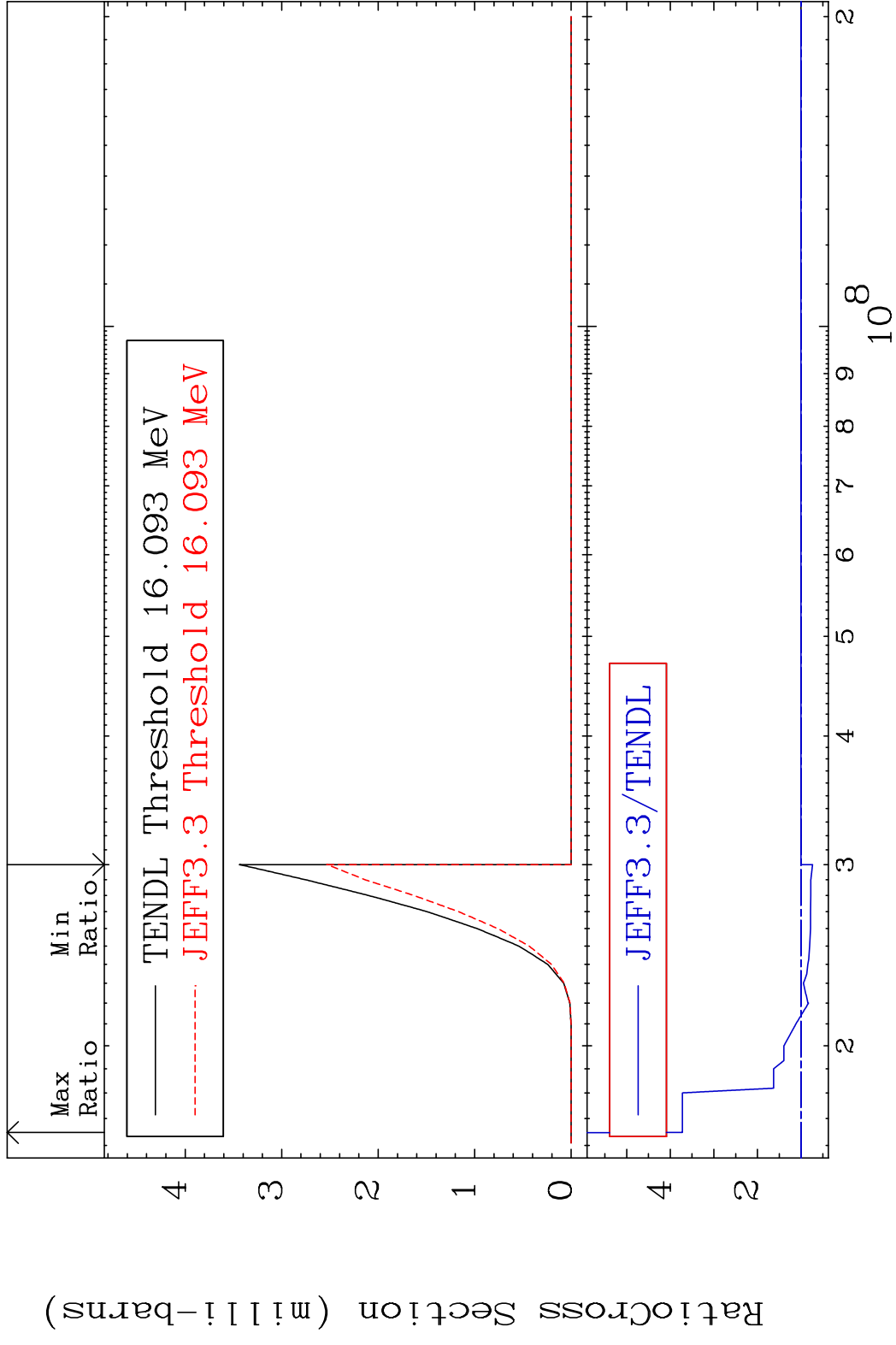
MAT 5255 (n,2n)  $\alpha$ :50-Sn-125m1 52-Te-130  
 Radionuclide Production Cross Section 9999. %



MAT 5255 (n, n') d:51-Sb-128g 52-Te-130  
 Radionuclide Production Cross Section Ratio 33.68 %

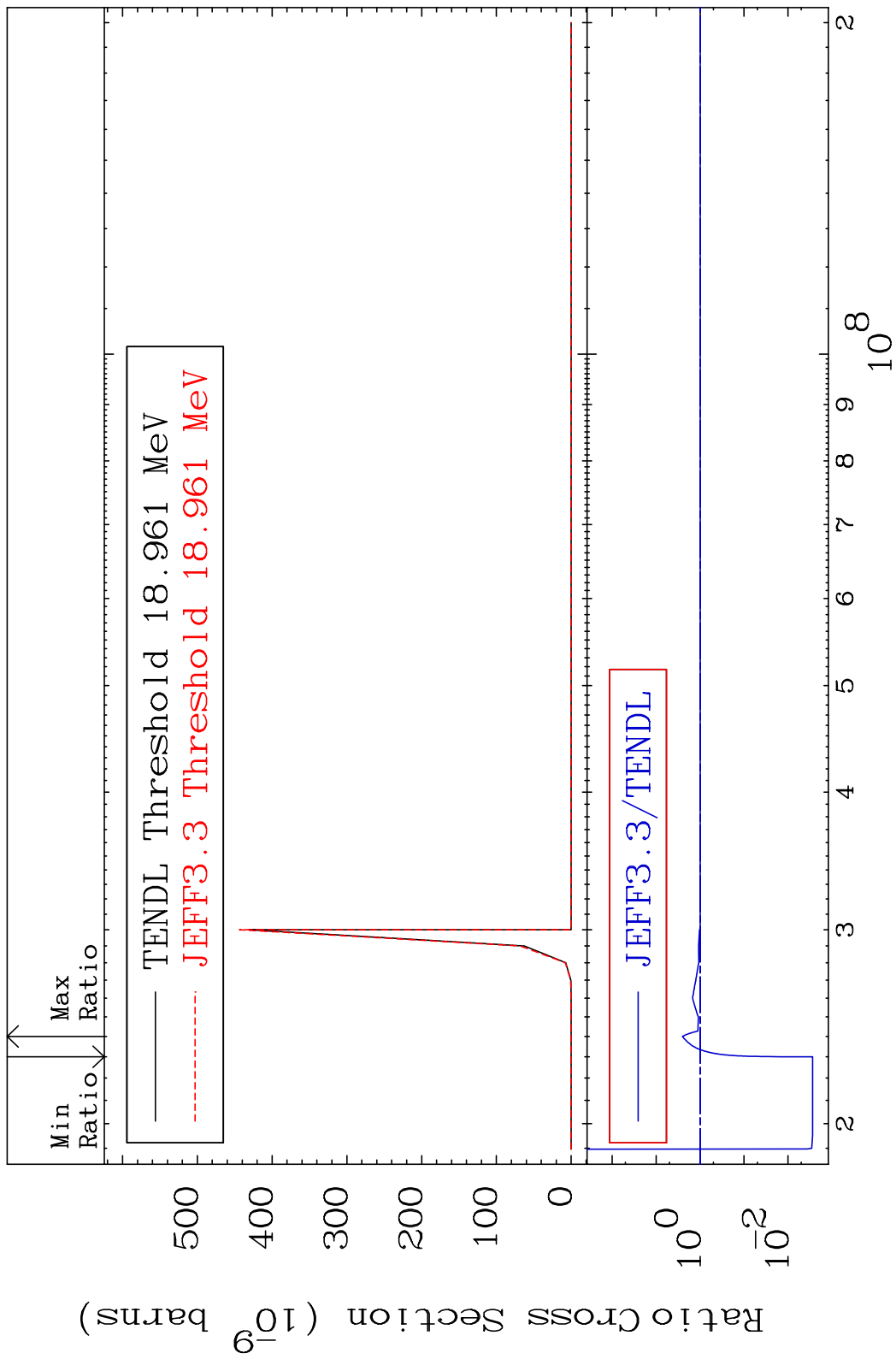


MAT 5255 (n, n') d:51-Sb-128m1 52-Te-130  
 Radionuclide Production Cross Section 272.2 %

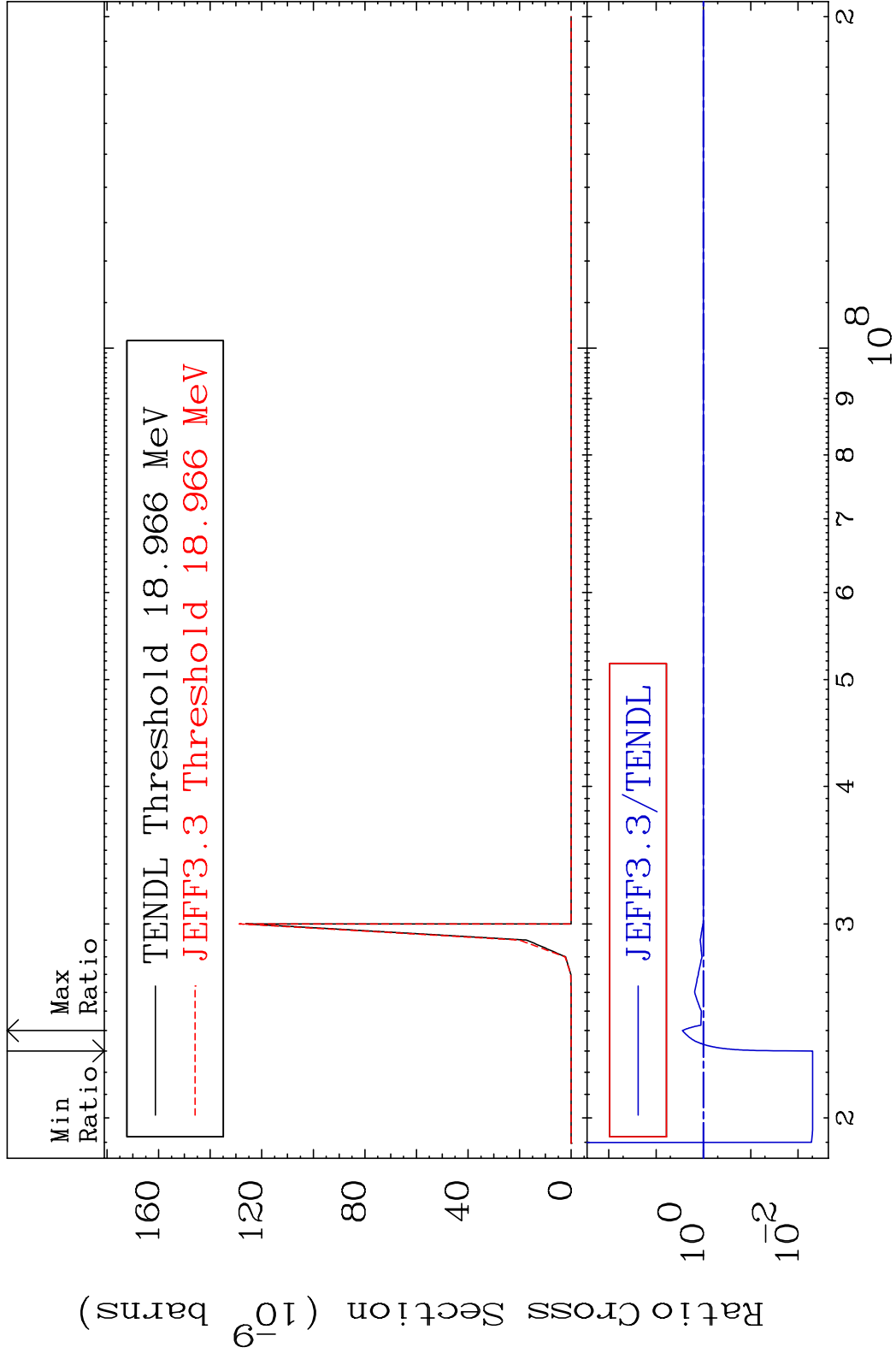




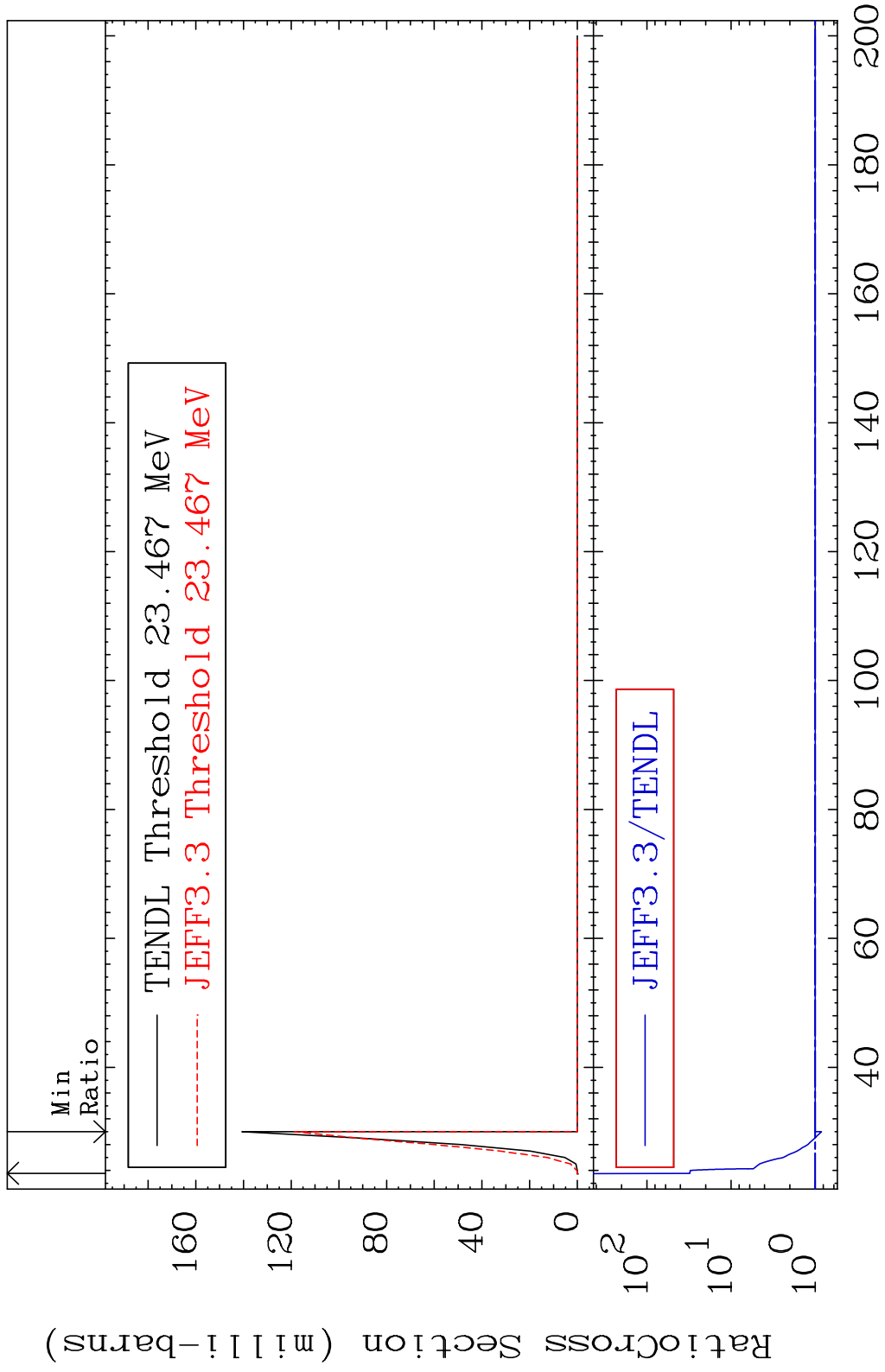
MAT 5255 (n, n') He-3:50-Sn-127g 52-Te-130  
 Radionuclide Production Cross Section 98.721 dth 153.0 %



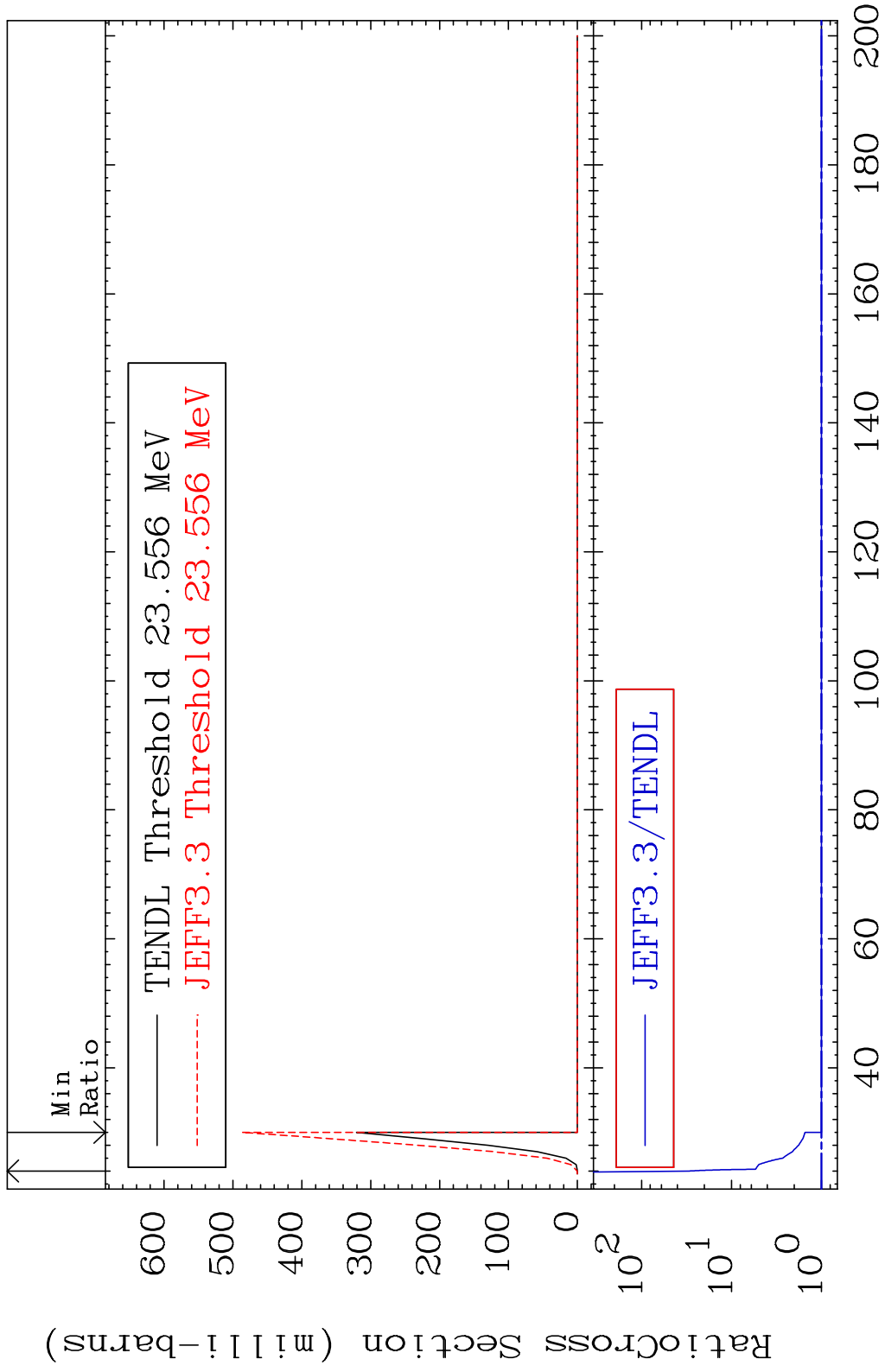
MAT 5255 (n, n') He-3:50-Sn-127m1 52-Te-130  
 Radionuclide Production Cross Section 178.6 %



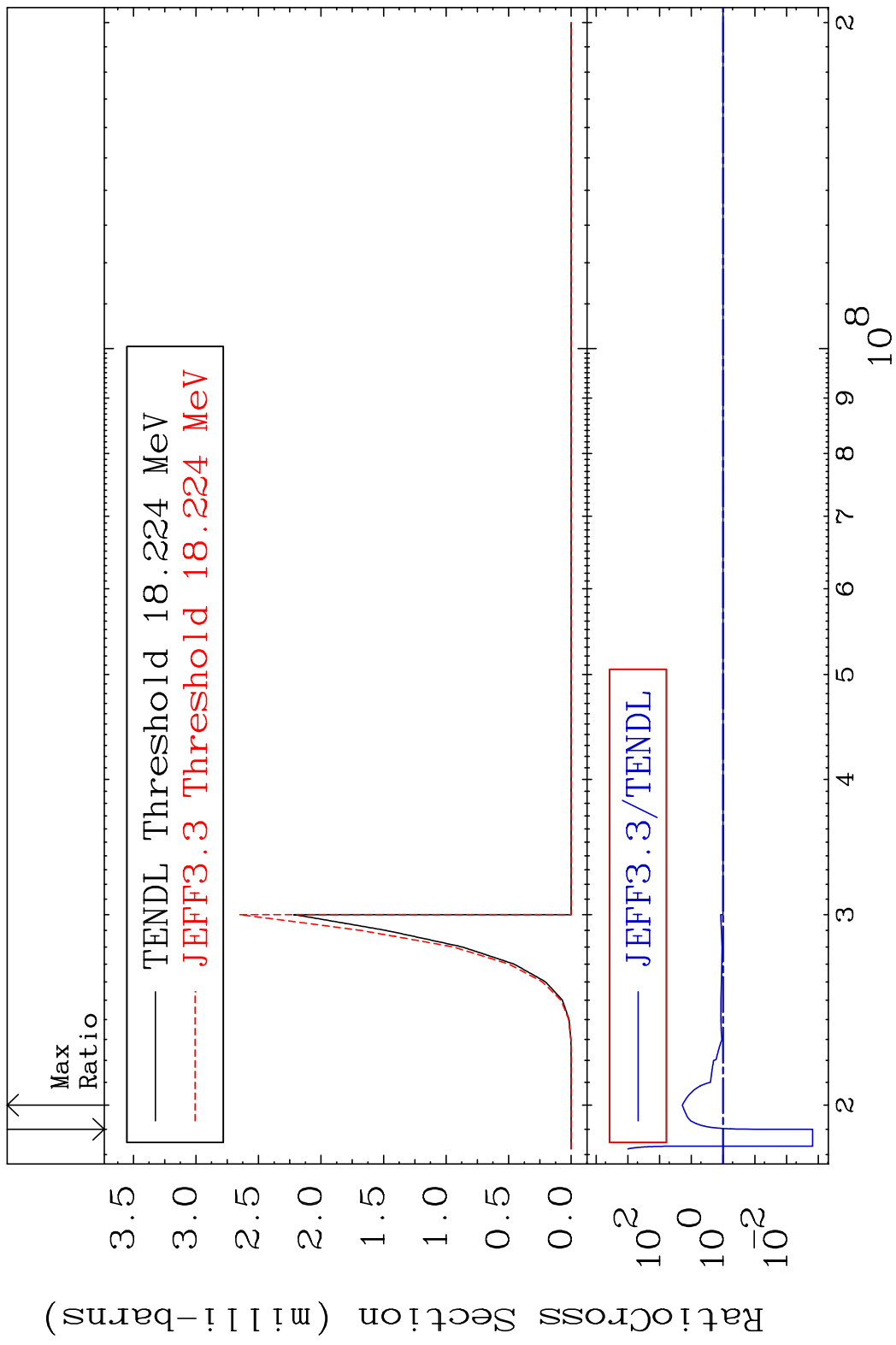
MAT 5255 (n,4n):52-Te-127g 52-Te-130  
 Radionuclide Production Cross Section 156.571 dth 2994. %

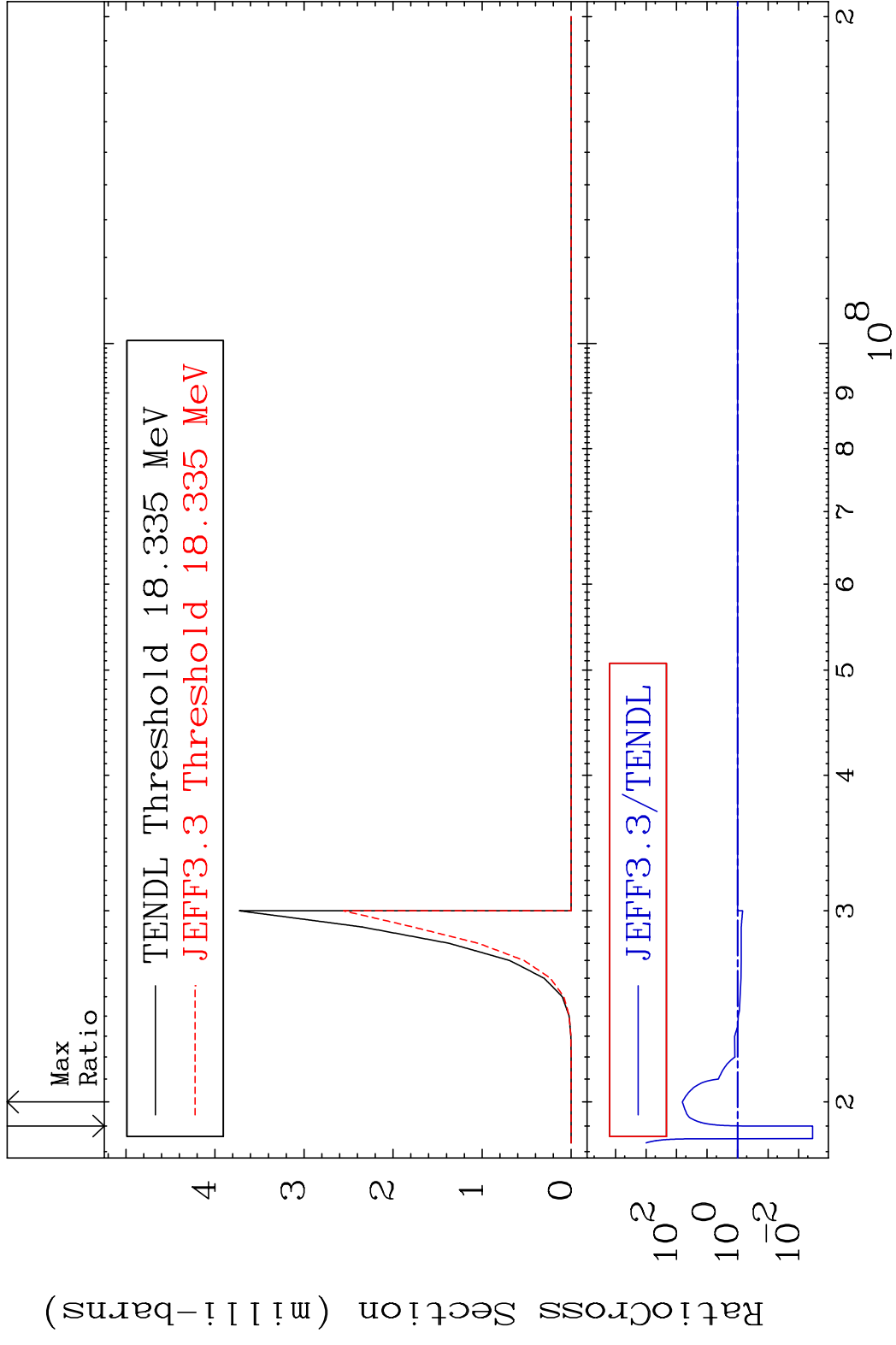


MAT 5255 (n, 4n):52-Te-127m2 52-Te-130  
 Radionuclide Production Cross Section 2808. %

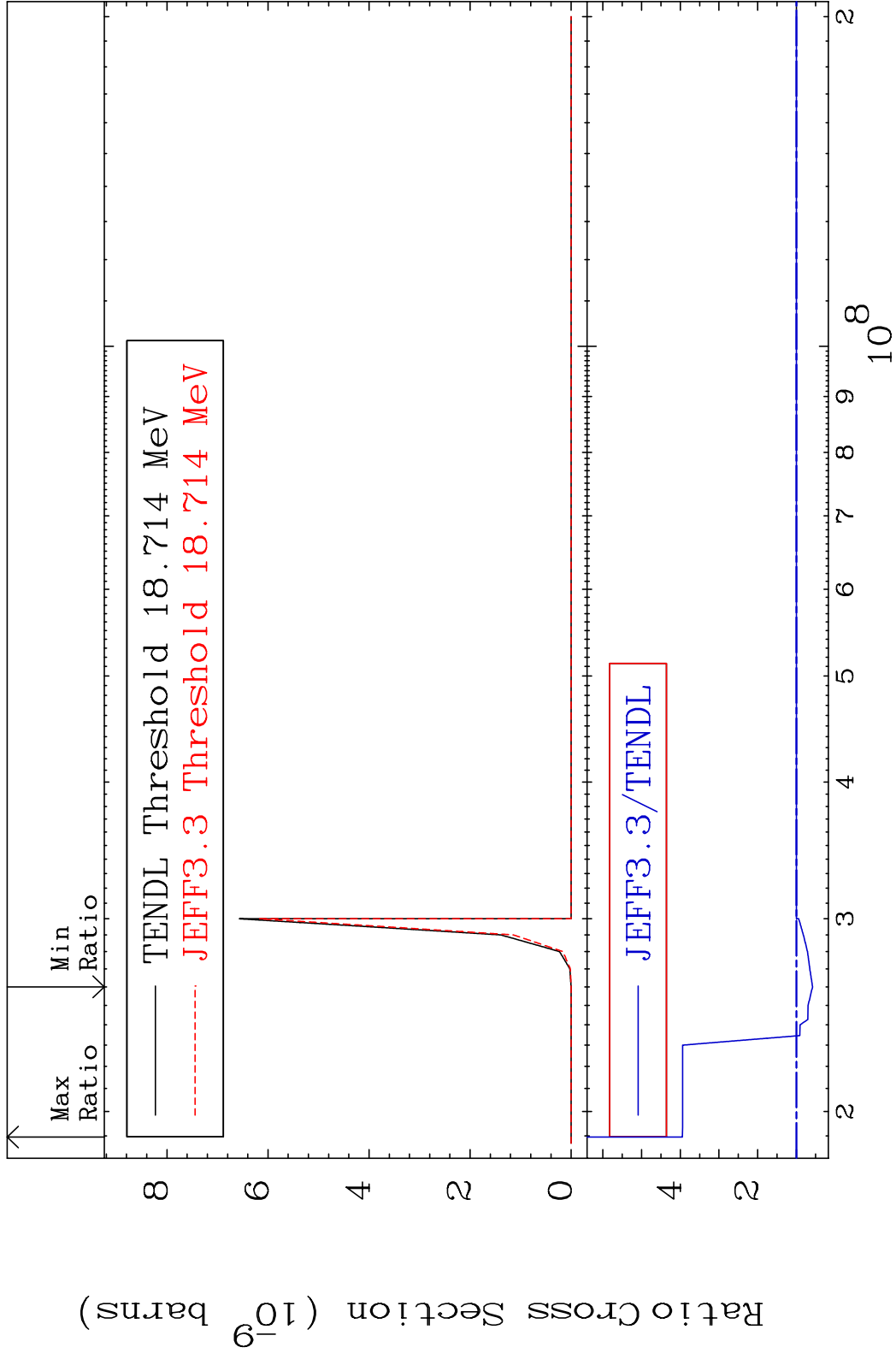


MAT 5255 (n,2n) p:51-Sb-128g 52-Te-130  
 Radionuclide Production Cross Section 98.65 dth 1817. %

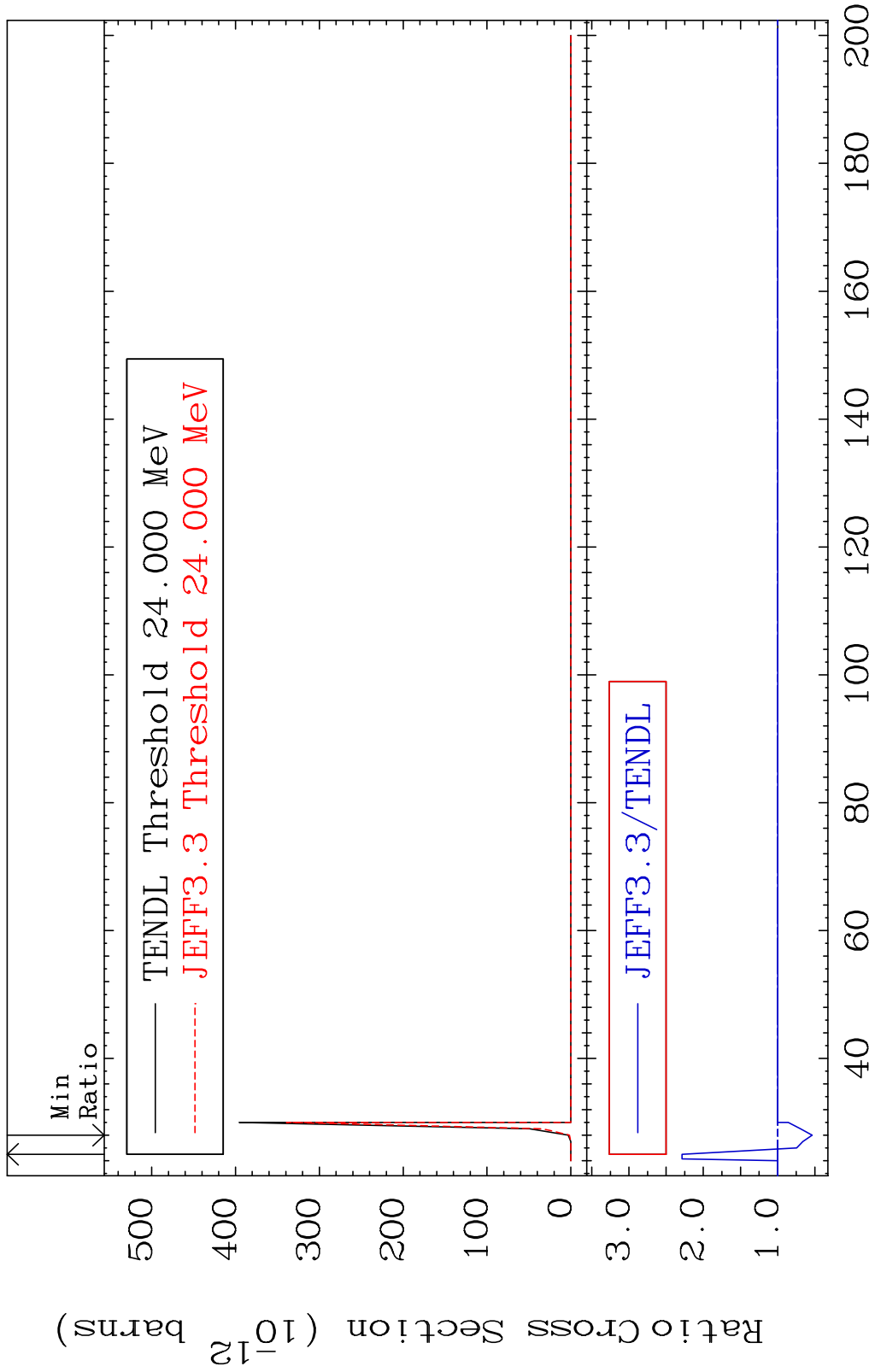




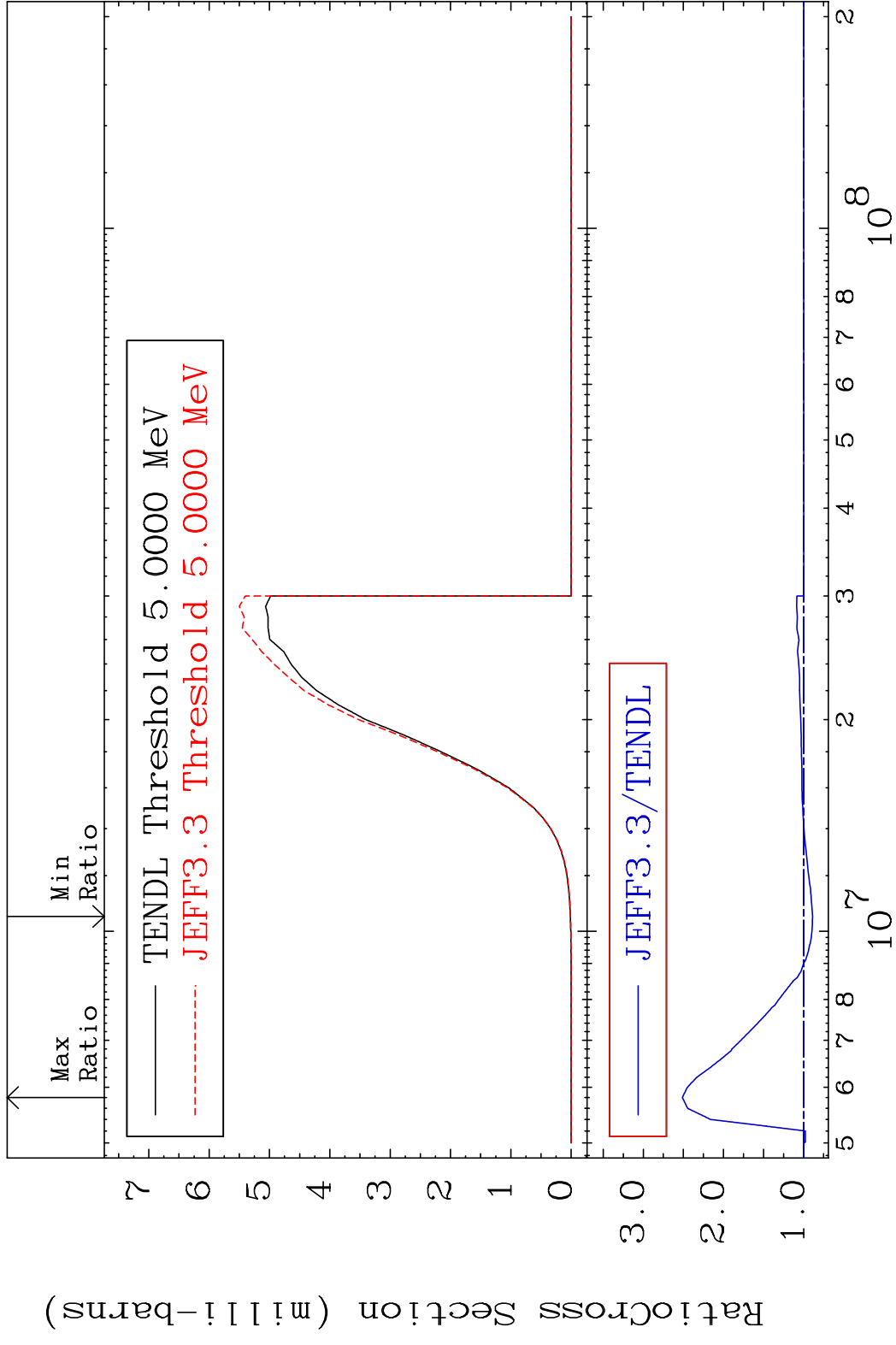
MAT 5255 (n,2n) p:50-Sn-128g 52-Te-130  
 Radionuclide Production Cross Section 45.92 dth 294.6 %



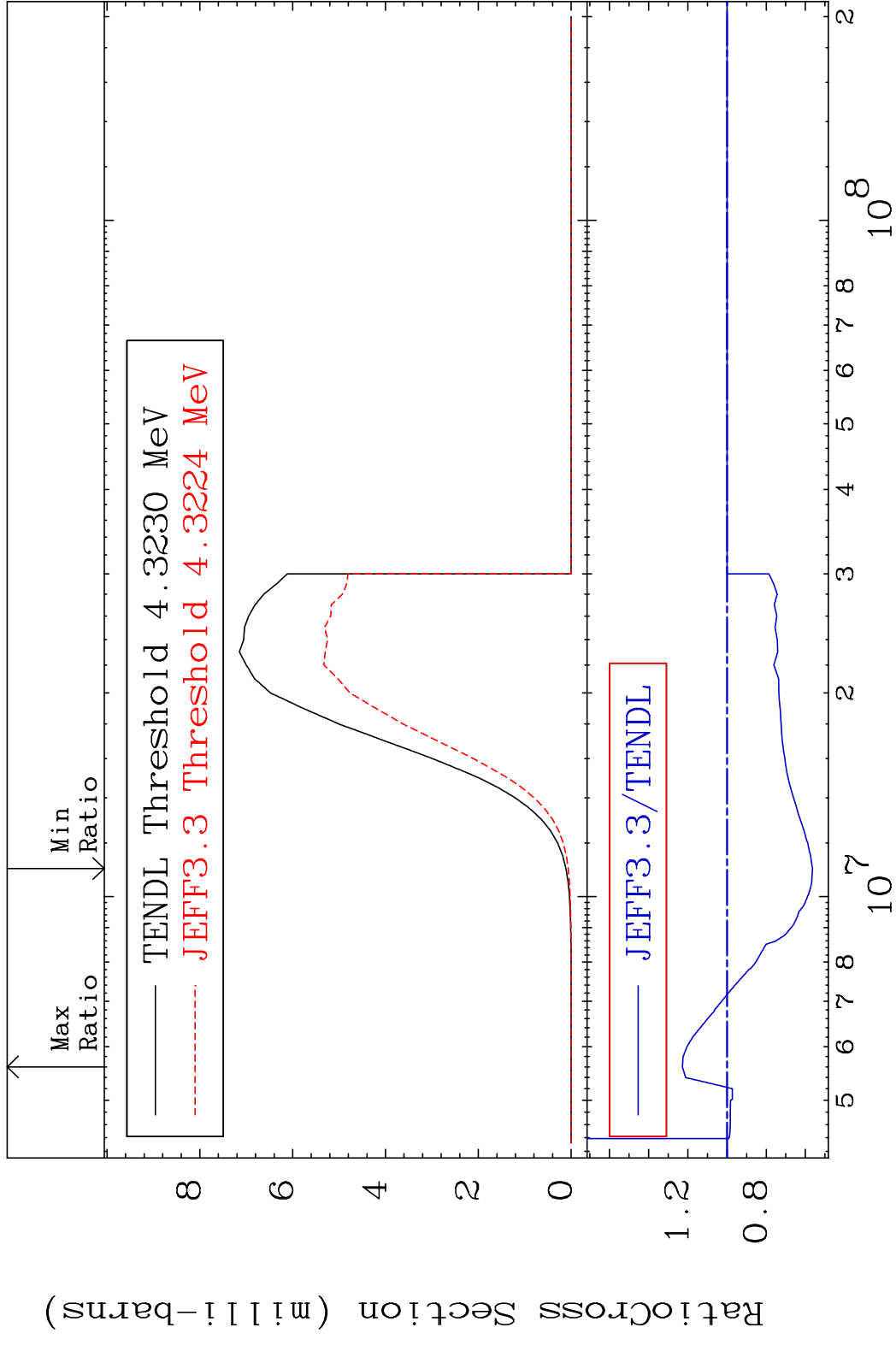
MAT 5255 (n,2n) p:50-Sn-128m3 52-Te-130  
 Radionuclide Production Cross Section 128.7 %



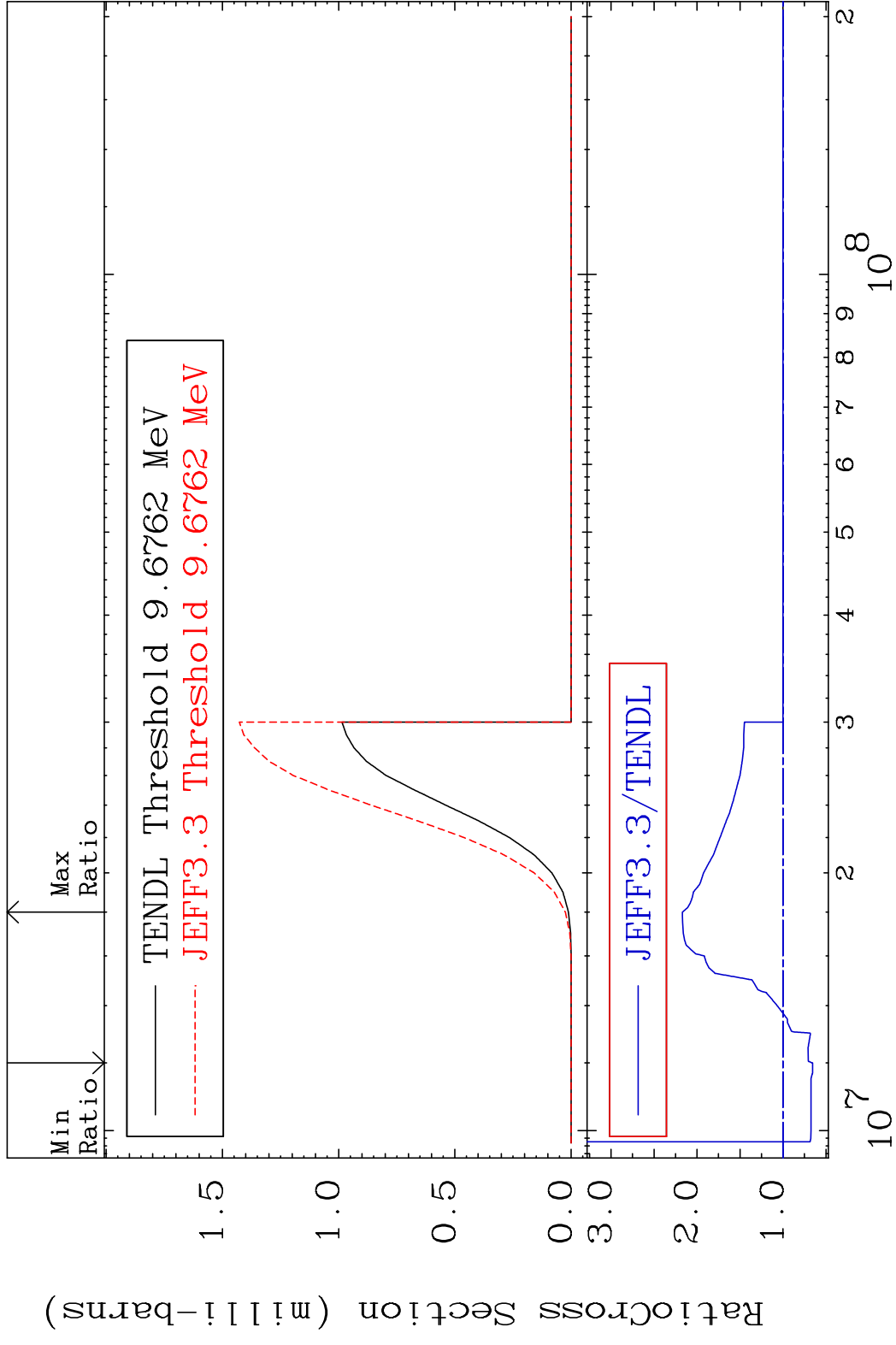




MAT 5255 (n, p):51-Sb-130m1 52-Te-130  
 Radionuclide Production Cross Section 22.80 %

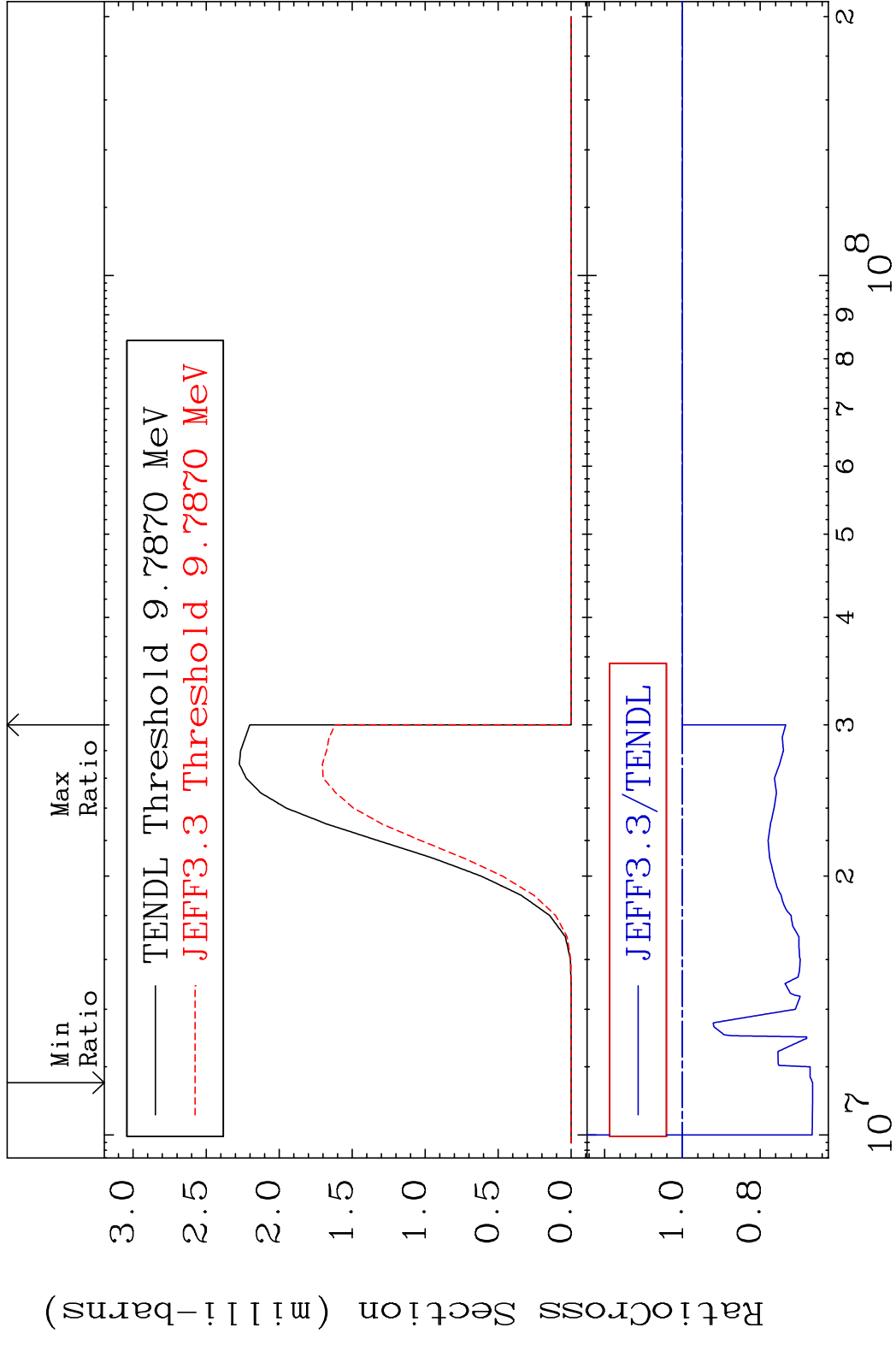


MAT 5255 (n, t):51-Sb-128g 52-Te-130  
 Radionuclide Production Cross Section 117.1 %



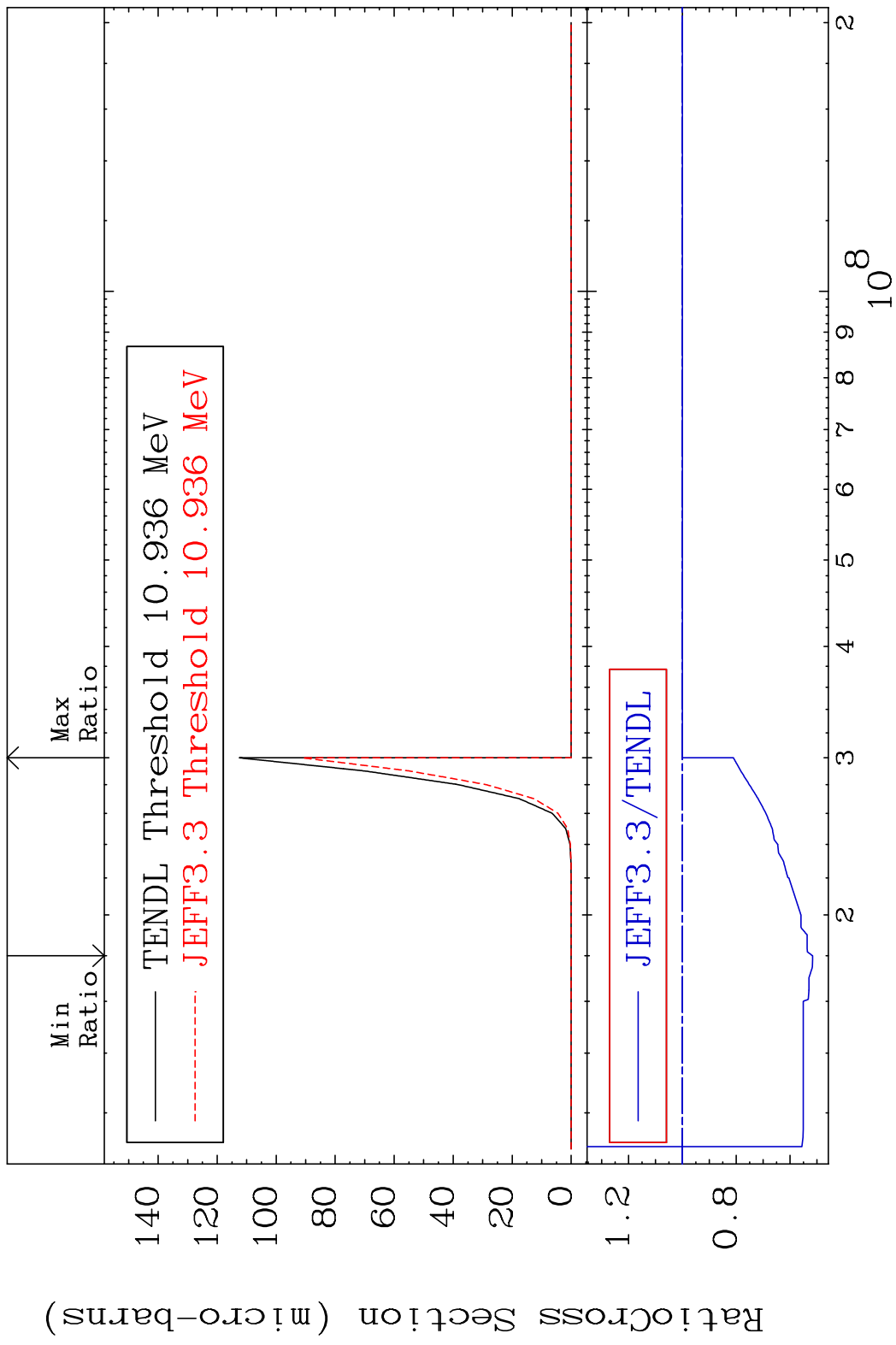
90 Incident Energy (eV) 52-Te-130

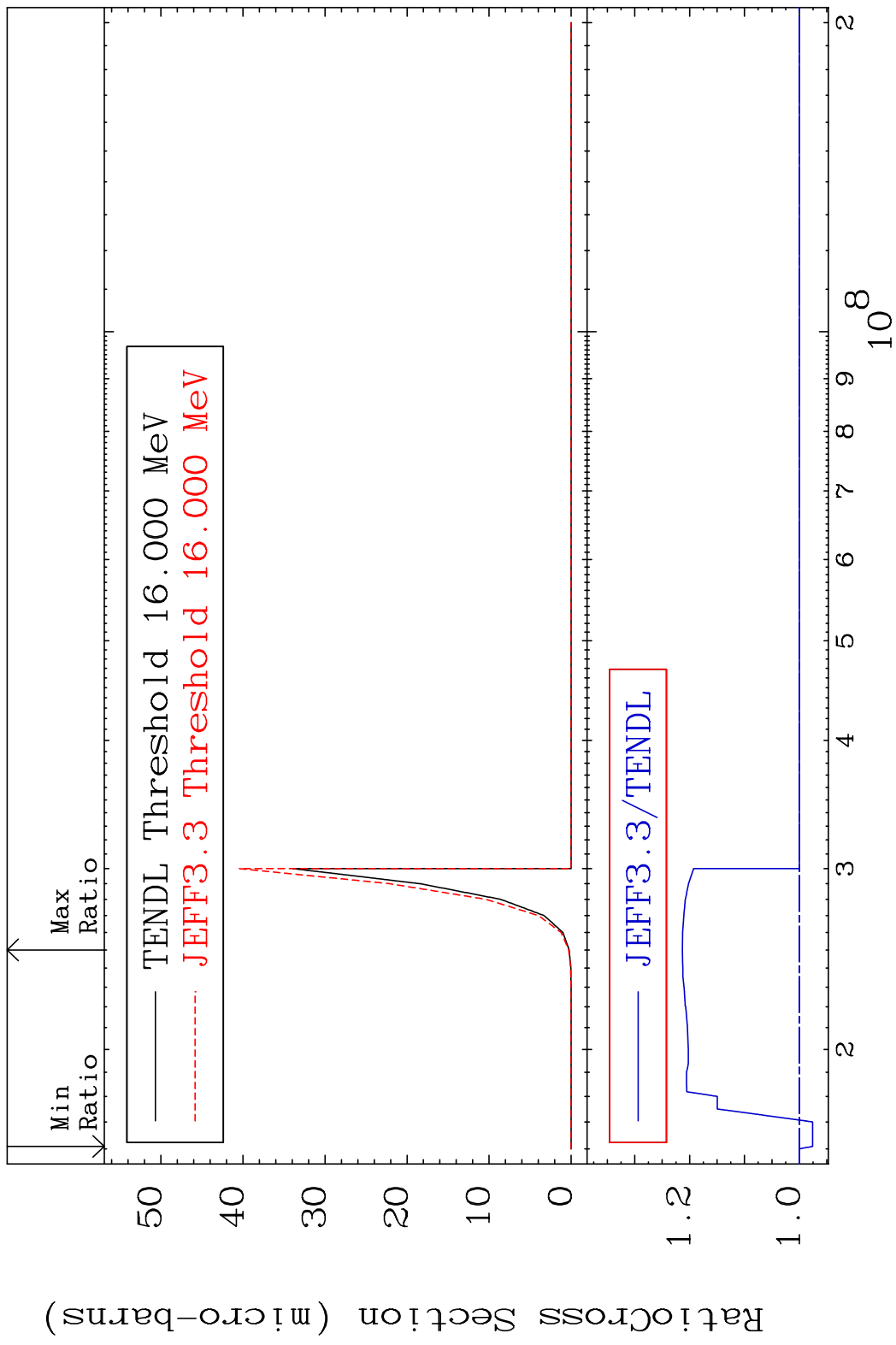
MAT 5255 (n, t):51-Sb-128m1 52-Te-130  
 Radionuclide Production Cross Section 0.000 %



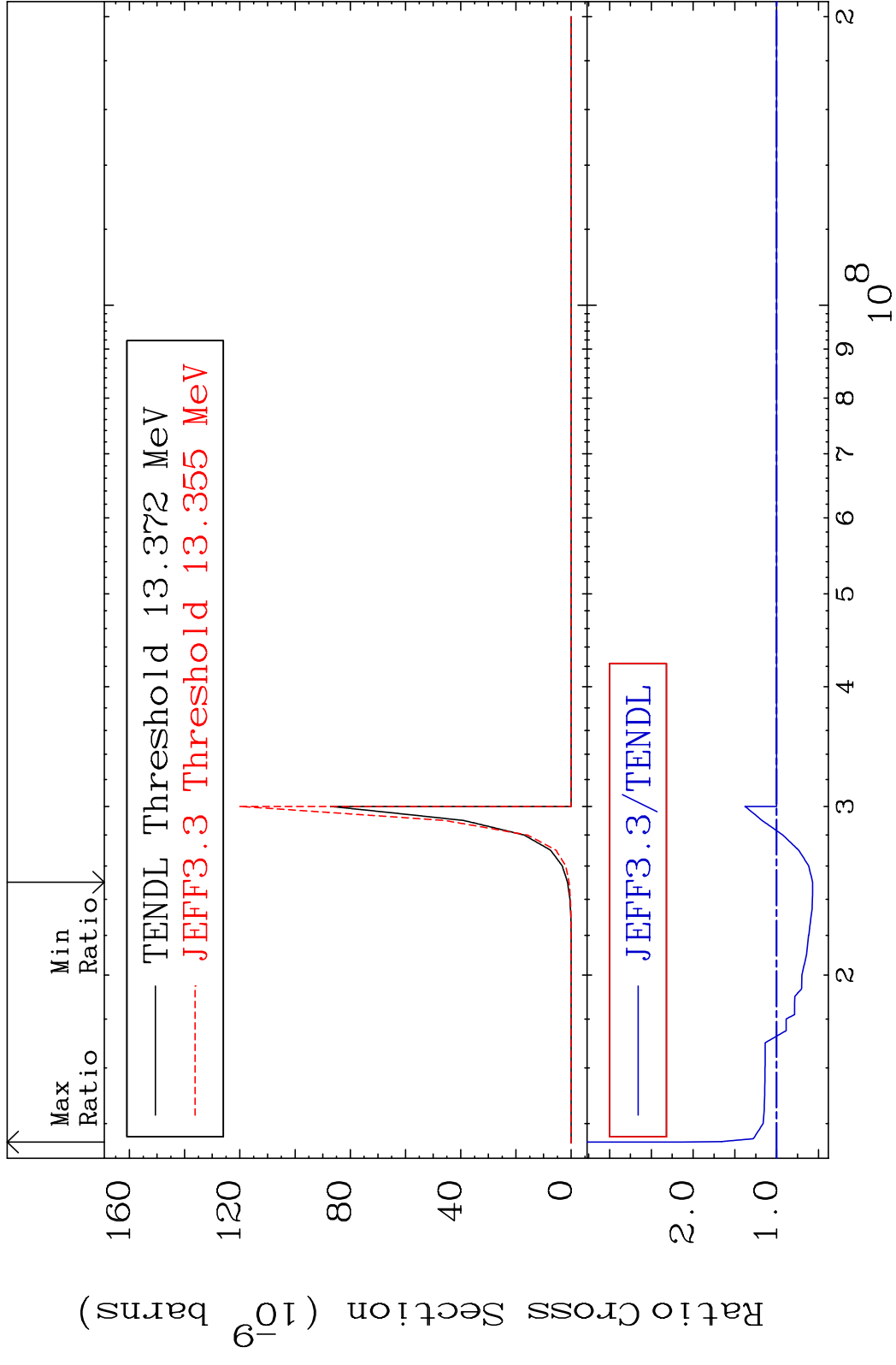
91 Incident Energy (eV) 52-Te-130

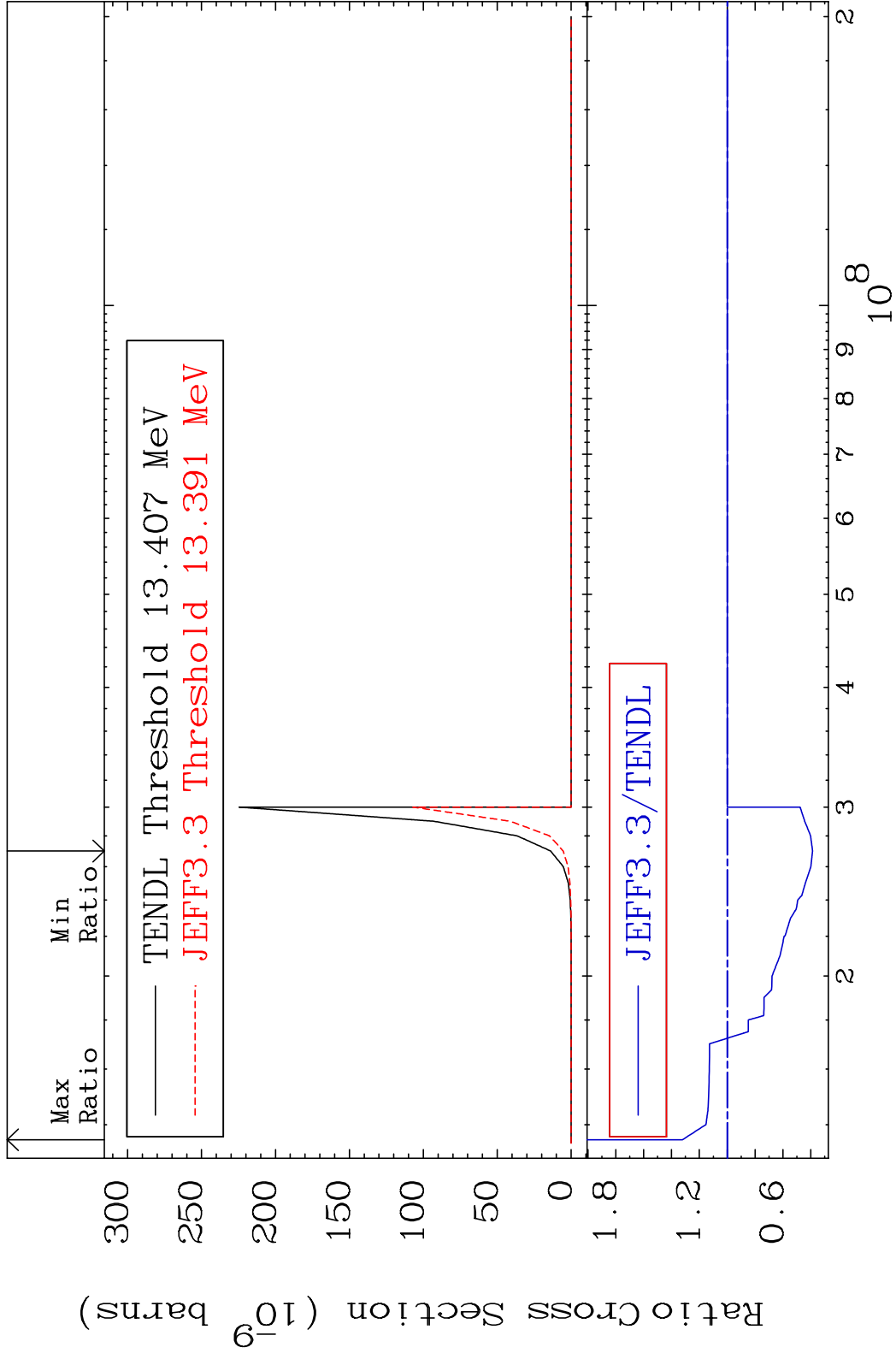
MAT 5255 (n, He-3):50-Sn-128g 52-Te-130  
 Radionuclide Production Cross Section 48.411 dth 0.000 %



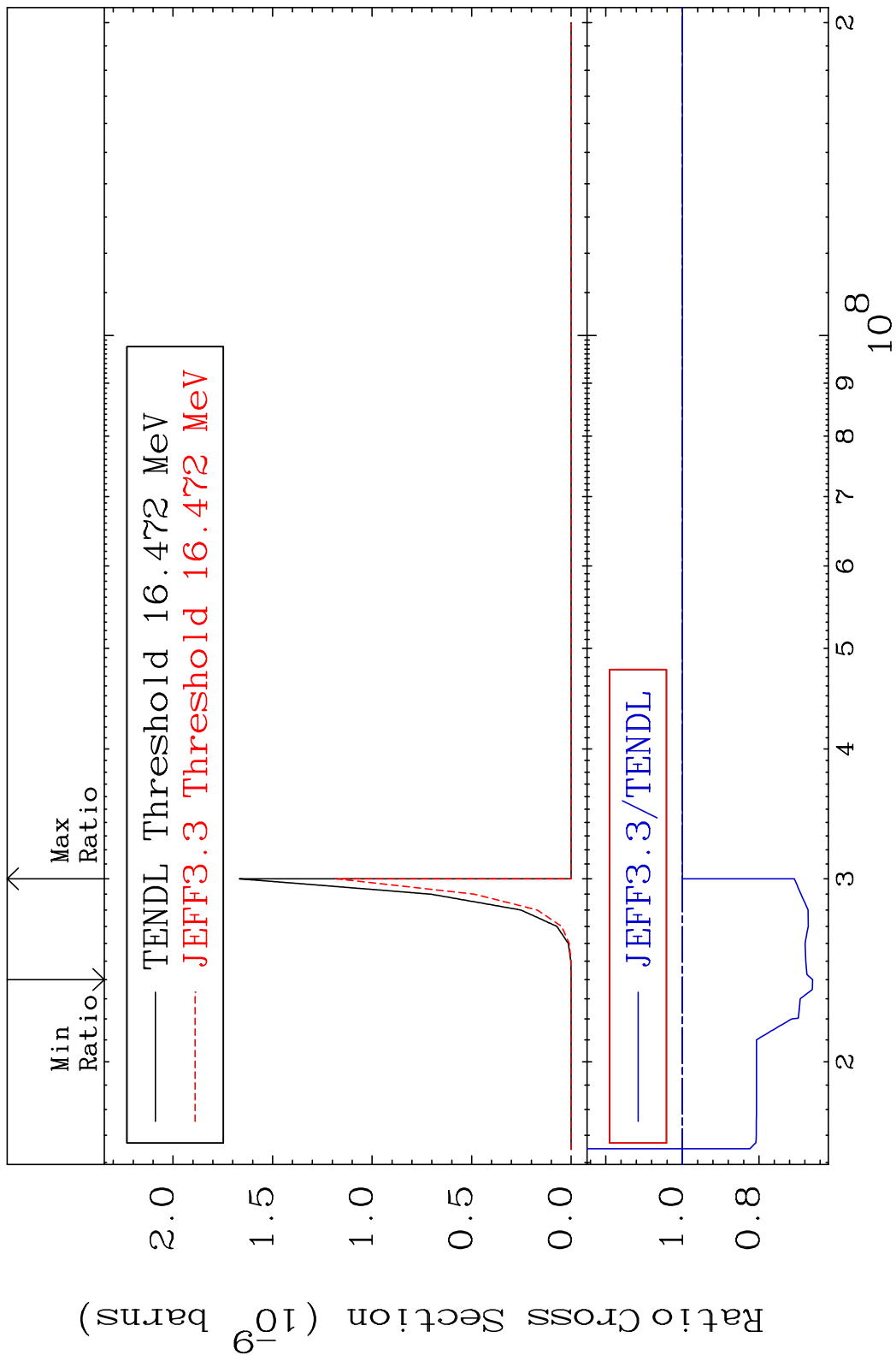


MAT 5255 (n,2p):50-Sn-129g 52-Te-130  
 Radionuclide Production Cross Section 112.8 %









MAT 5255 (n,p) d:50-Sn-128m3 52-Te-130  
 Radionuclide Production Cross Section 18.8 dtd 0.000 %

