

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

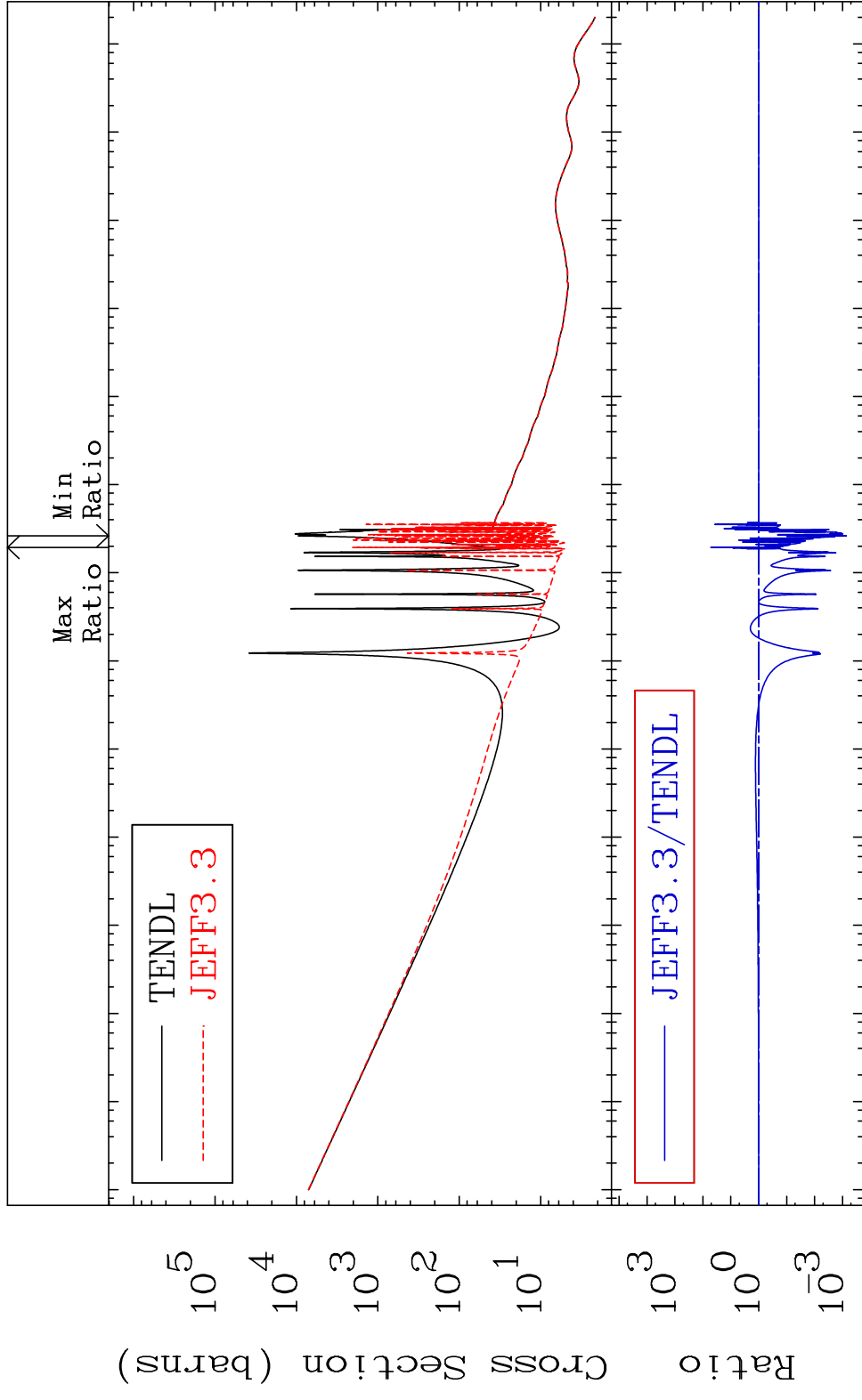
MAT 5528

Total

55-Cs-134

Cross Section

-99.93 To 5130. %



1

Incident Energy (eV)

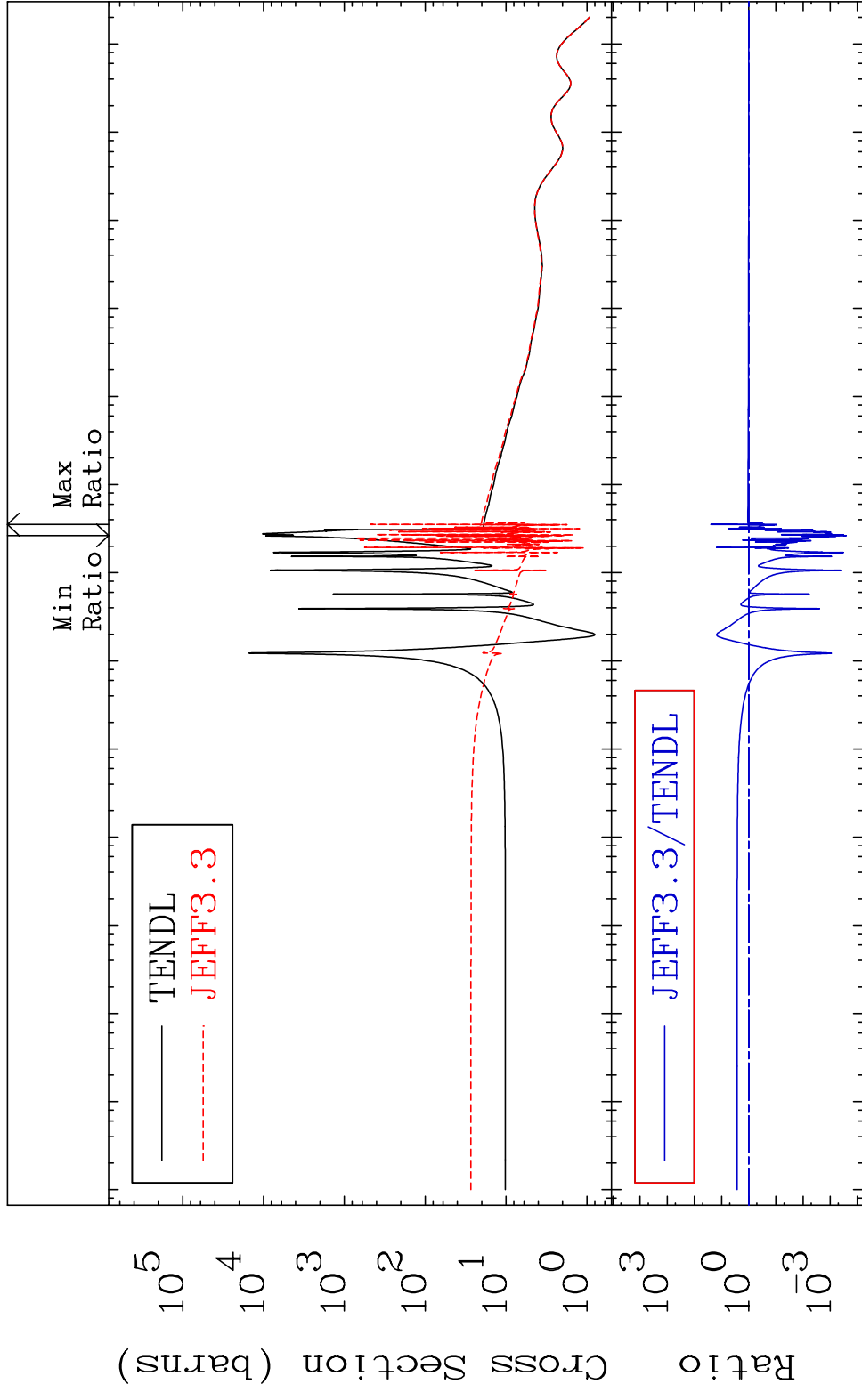
55-Cs-134

MAT 5528

Elastic

55-Cs-134

Cross Section -99.97 To 2408. %

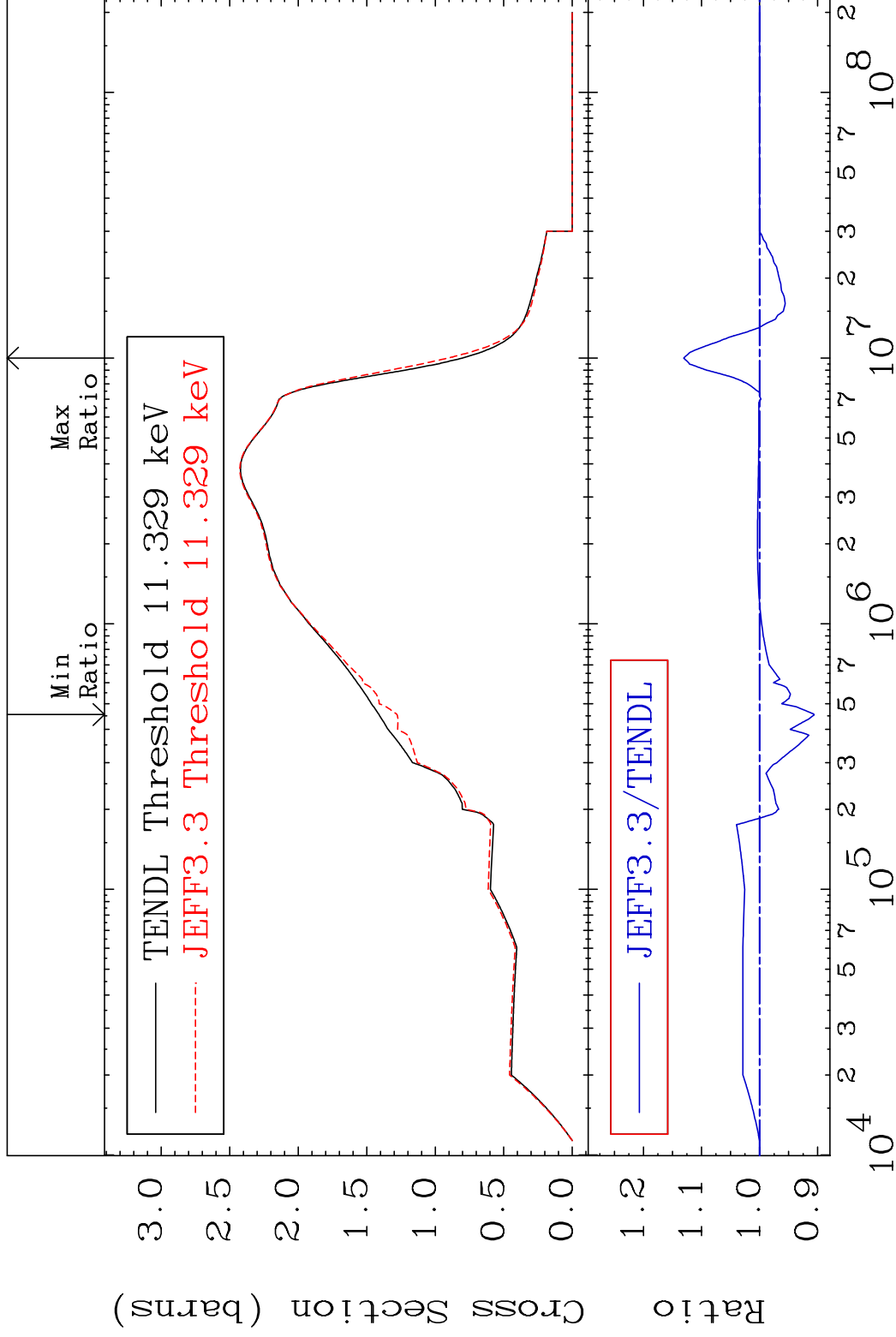


MAT 5528

Inelastic

55-Cs-134

Cross Section -9.391 To 13.07 %



55-Cs-134

Incident Energy (eV)

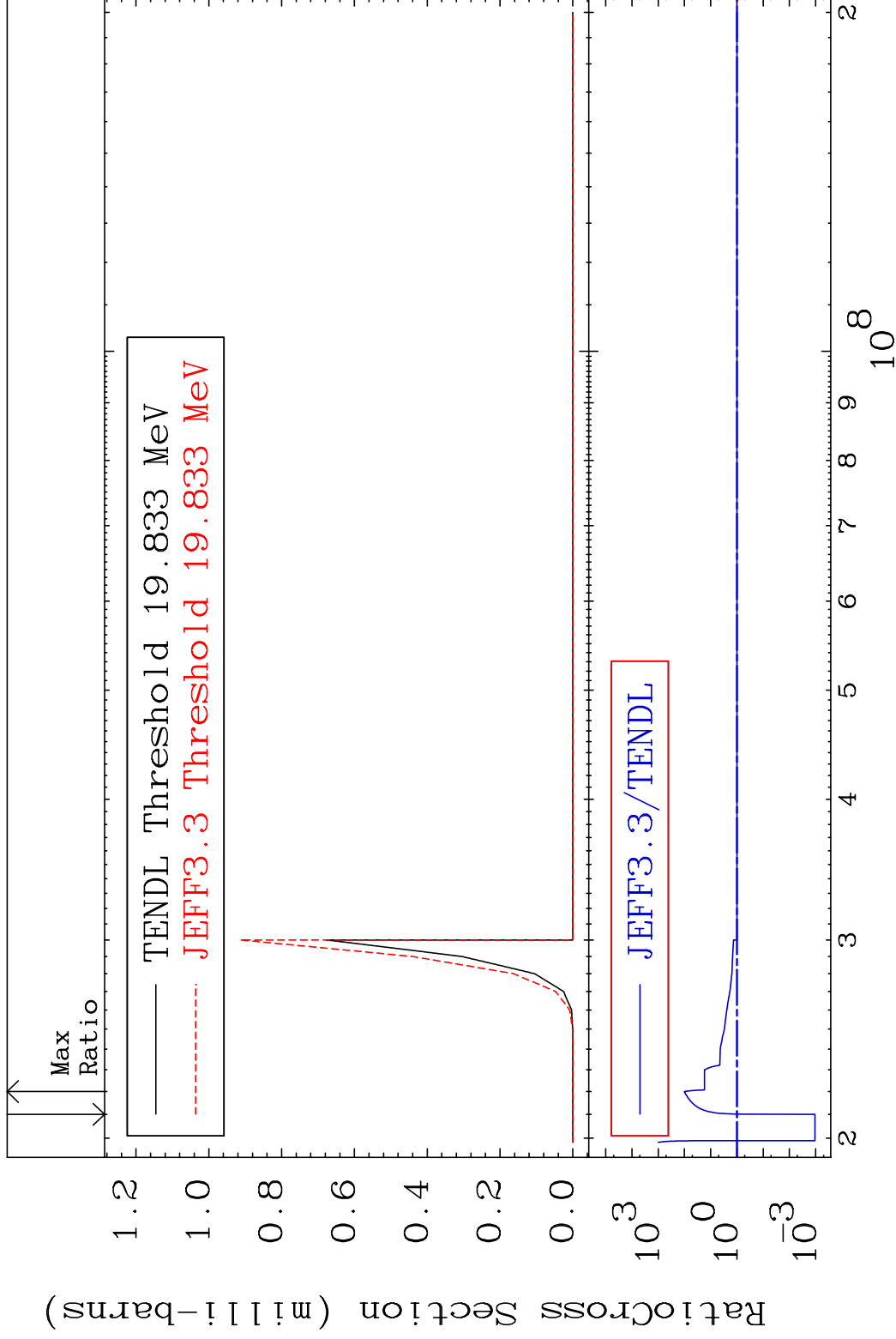
3

MAT 5528

(n,2n) d

55-Cs-134

Cross Section -99.89 To 9999. %

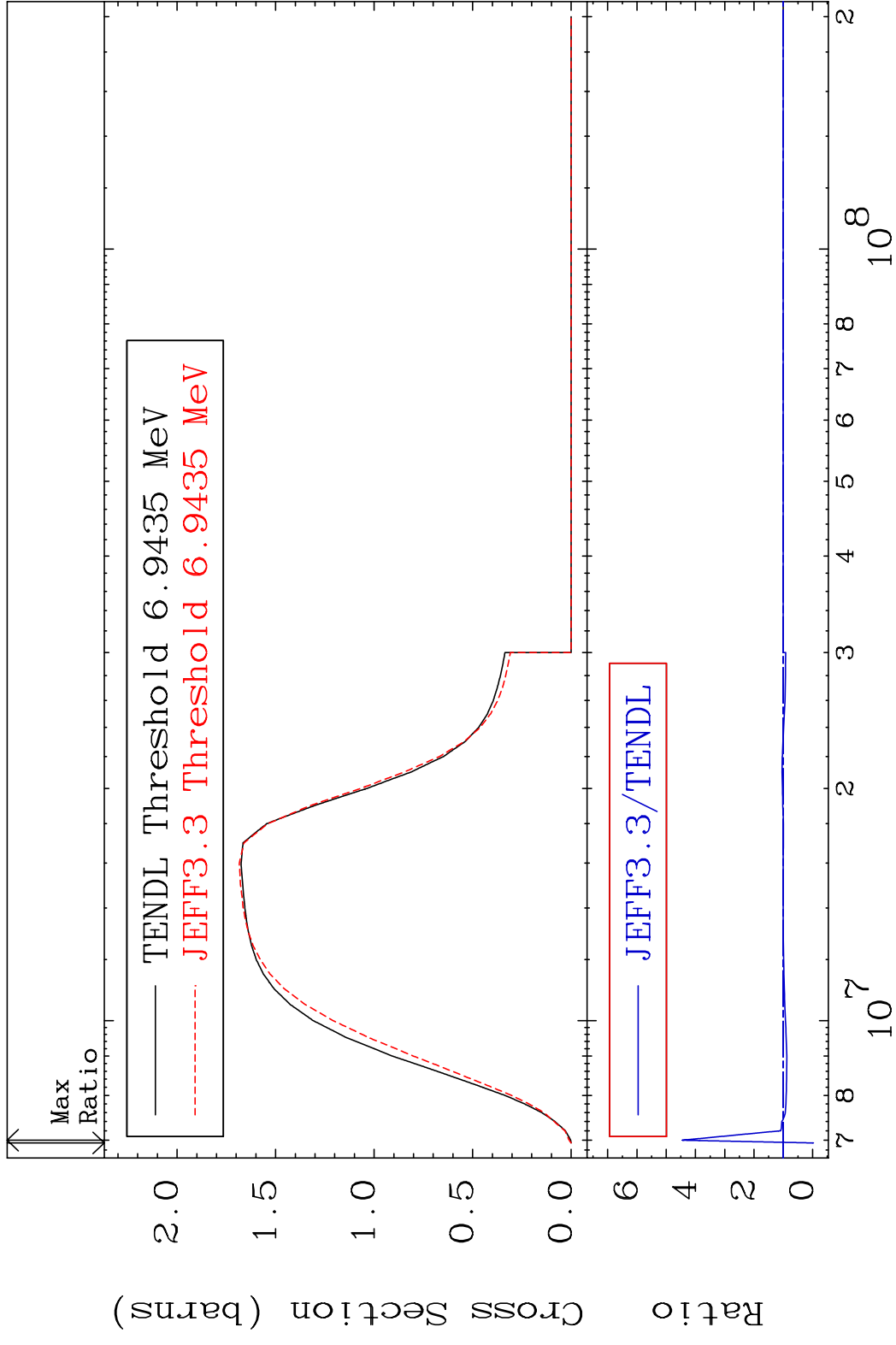


4

Incident Energy (eV)

55-Cs-134

MAT 5528 (n,2n) 55-Cs-134  
 Cross Section -100.0 To 344.8 %



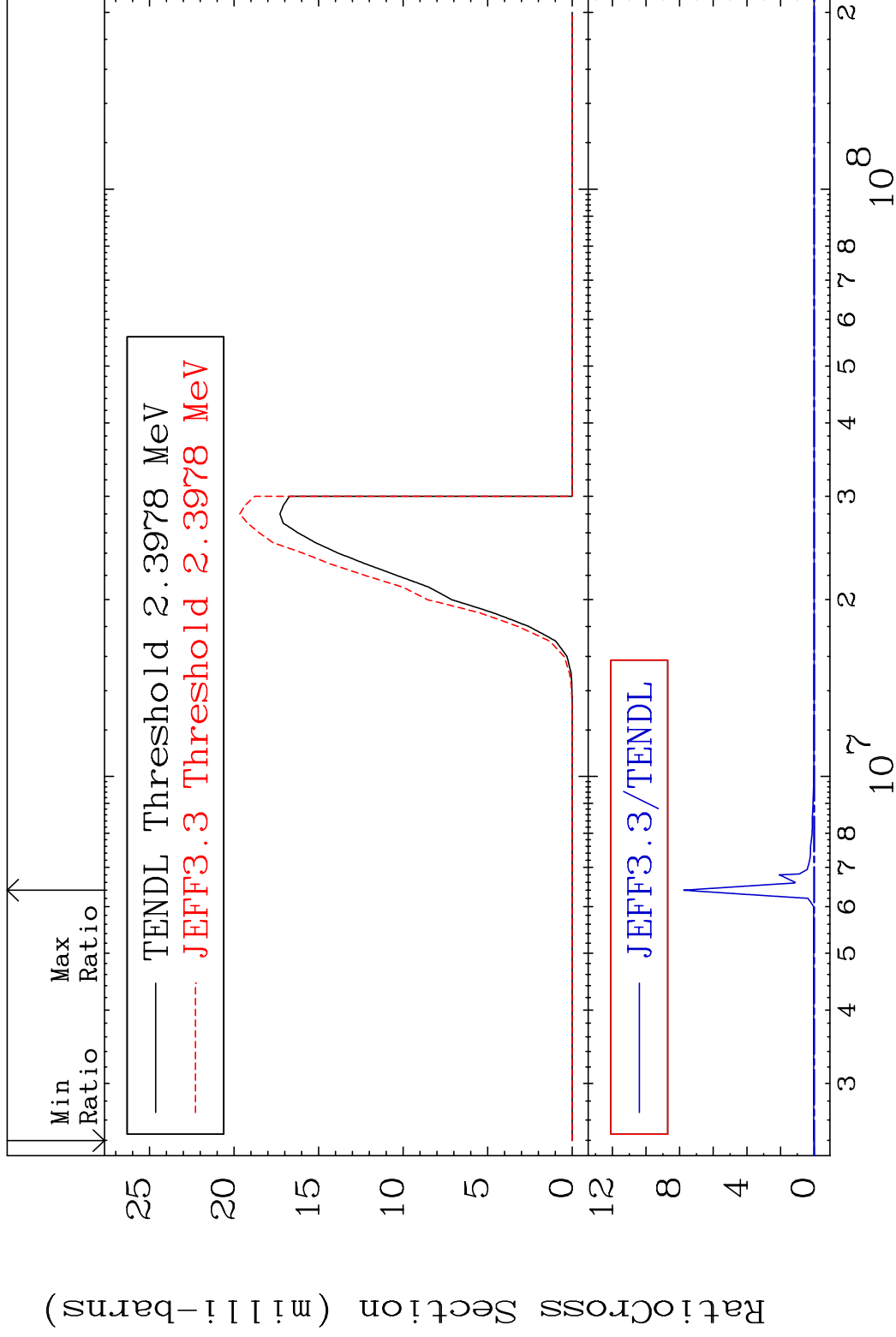


MAT 5528

(n, n')  $\alpha$

55-Cs-134

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

55-Cs-134

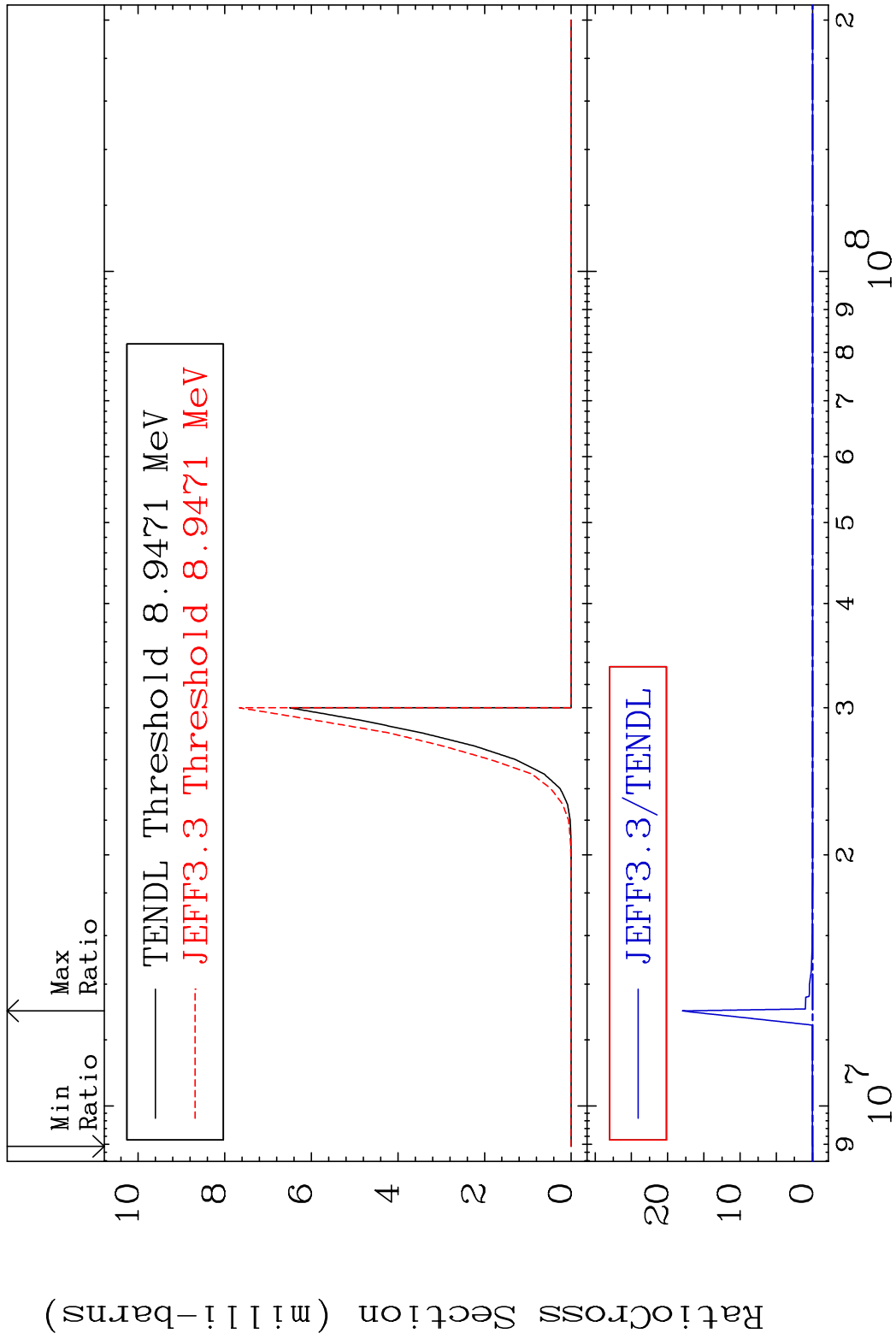


MAT 5528

(n,2n)  $\alpha$

55-Cs-134

Cross Section -100.0 To 9999. %

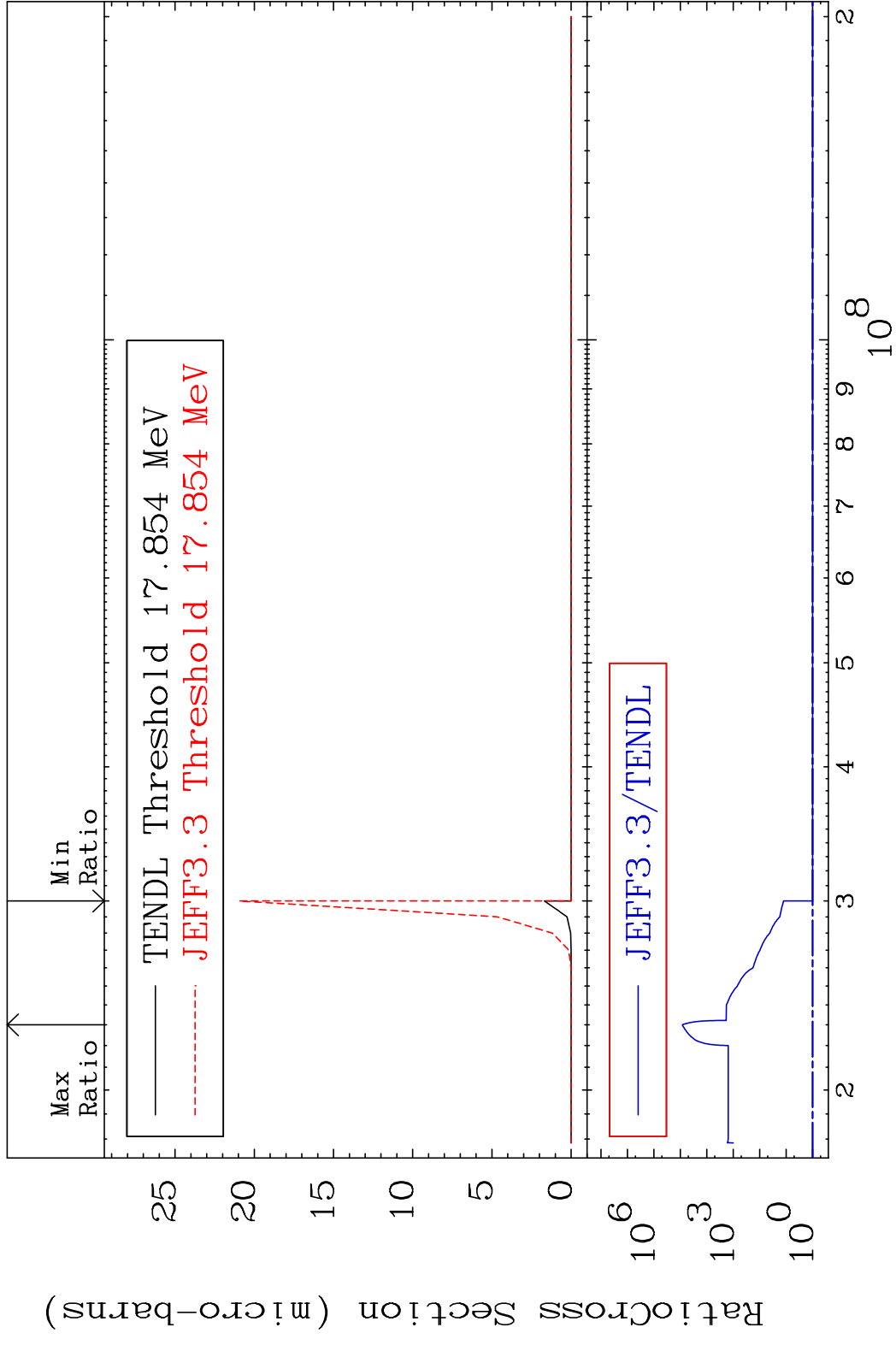


8

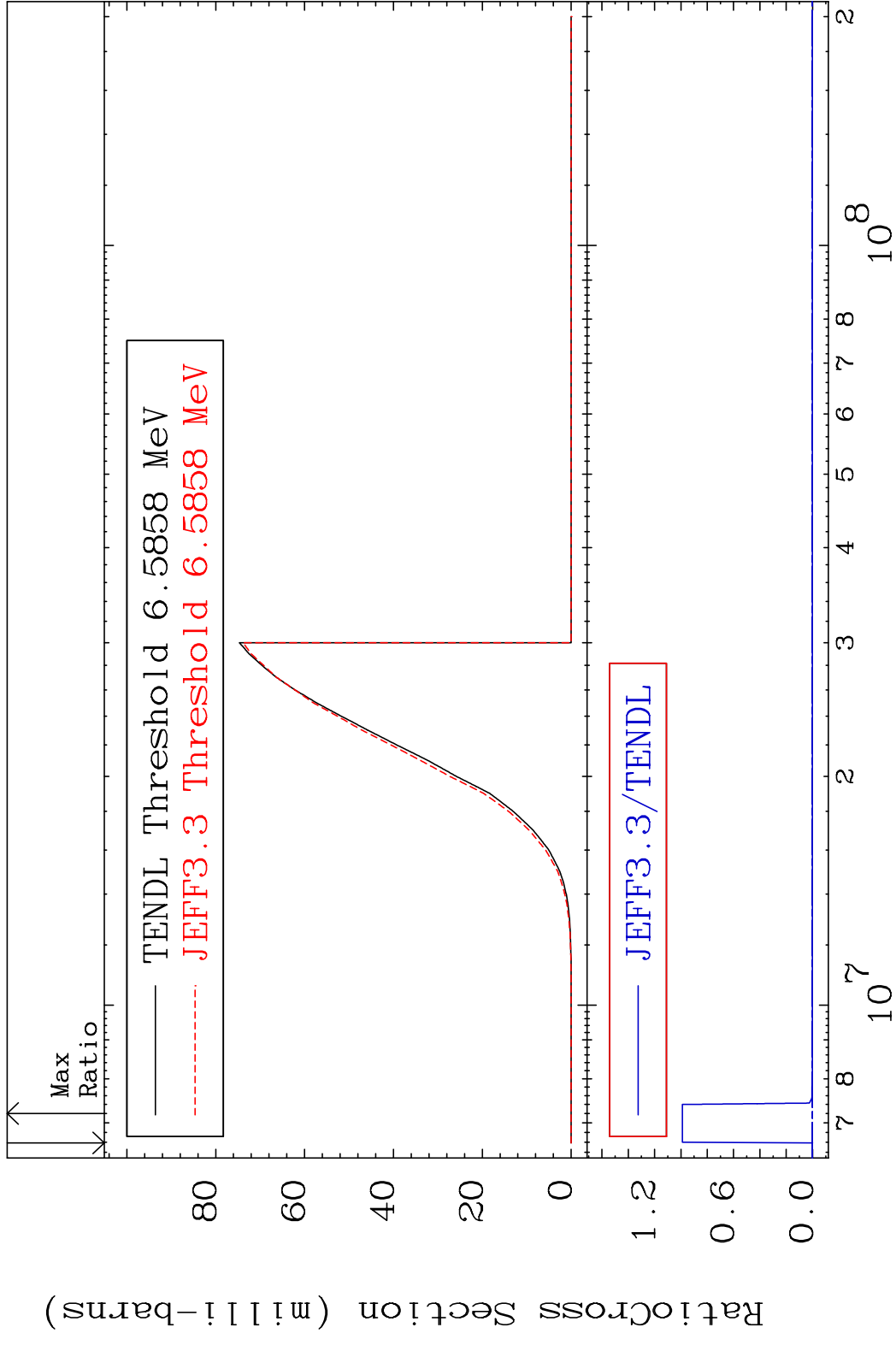
Incident Energy (eV)

55-Cs-134

MAT 5528 (n,3n)  $\alpha$  55-Cs-134  
 Cross Section 0.000 To 9999. %



MAT 5528 (n, n') p 55-Cs-134  
 Cross Section -100.0 To 9999. %



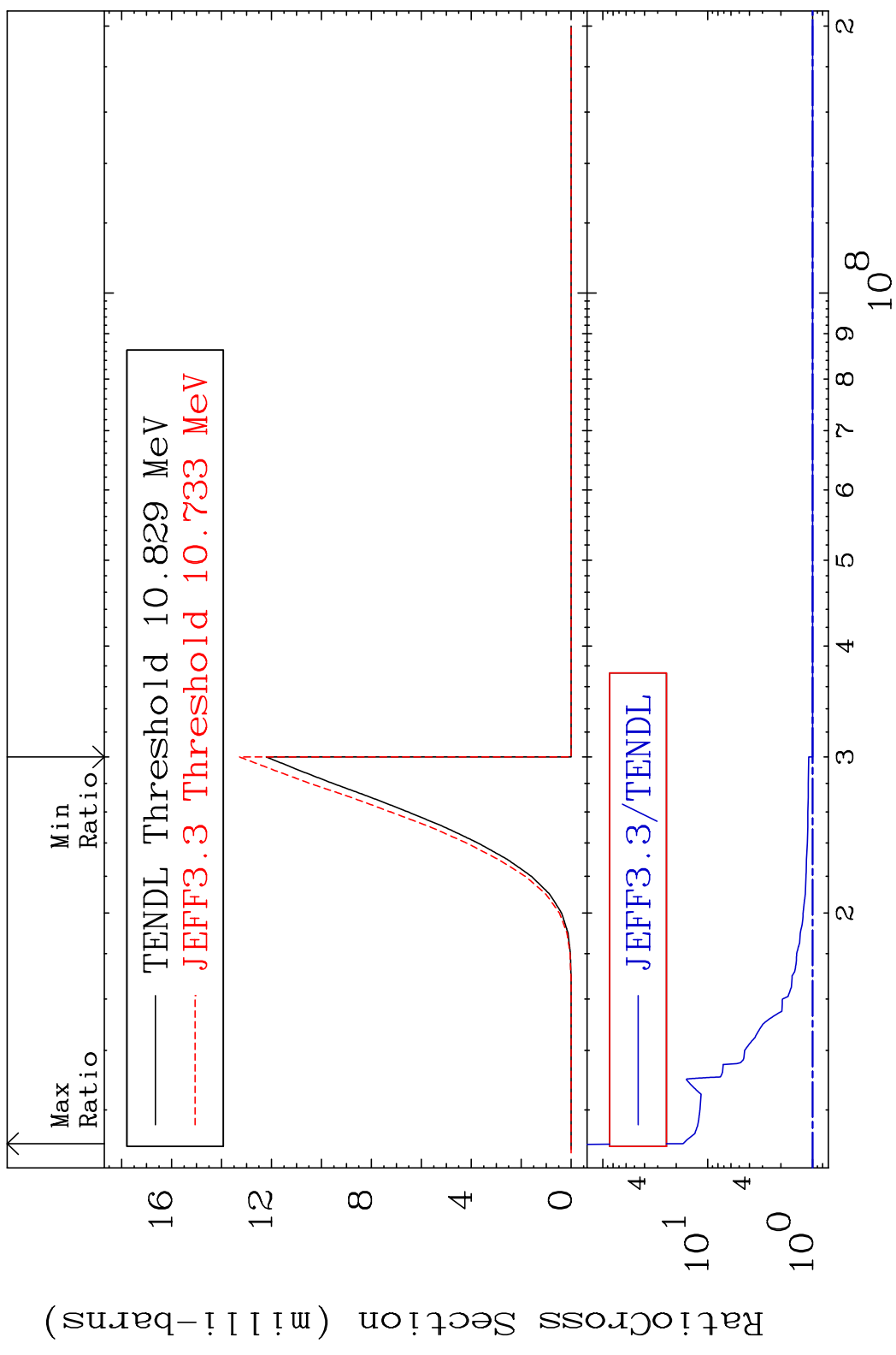
10 10 10 2 55-Cs-134

MAT 5528

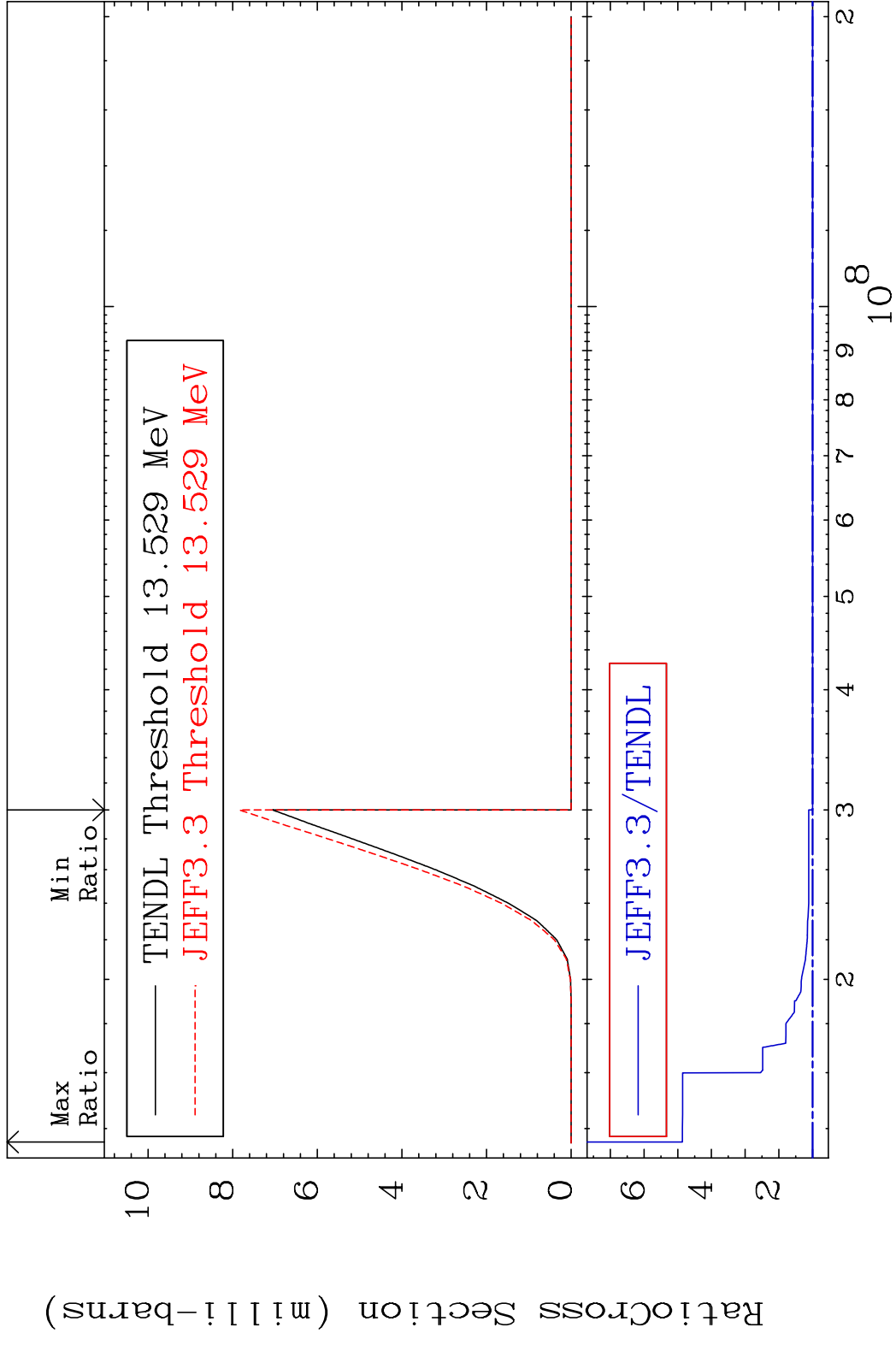
(n, n') d

55-Cs-134

Cross Section 0.000 To 1645. %



MAT 5528 (n, n') t 55-Cs-134  
 Cross Section 0.000 To 386.3 %

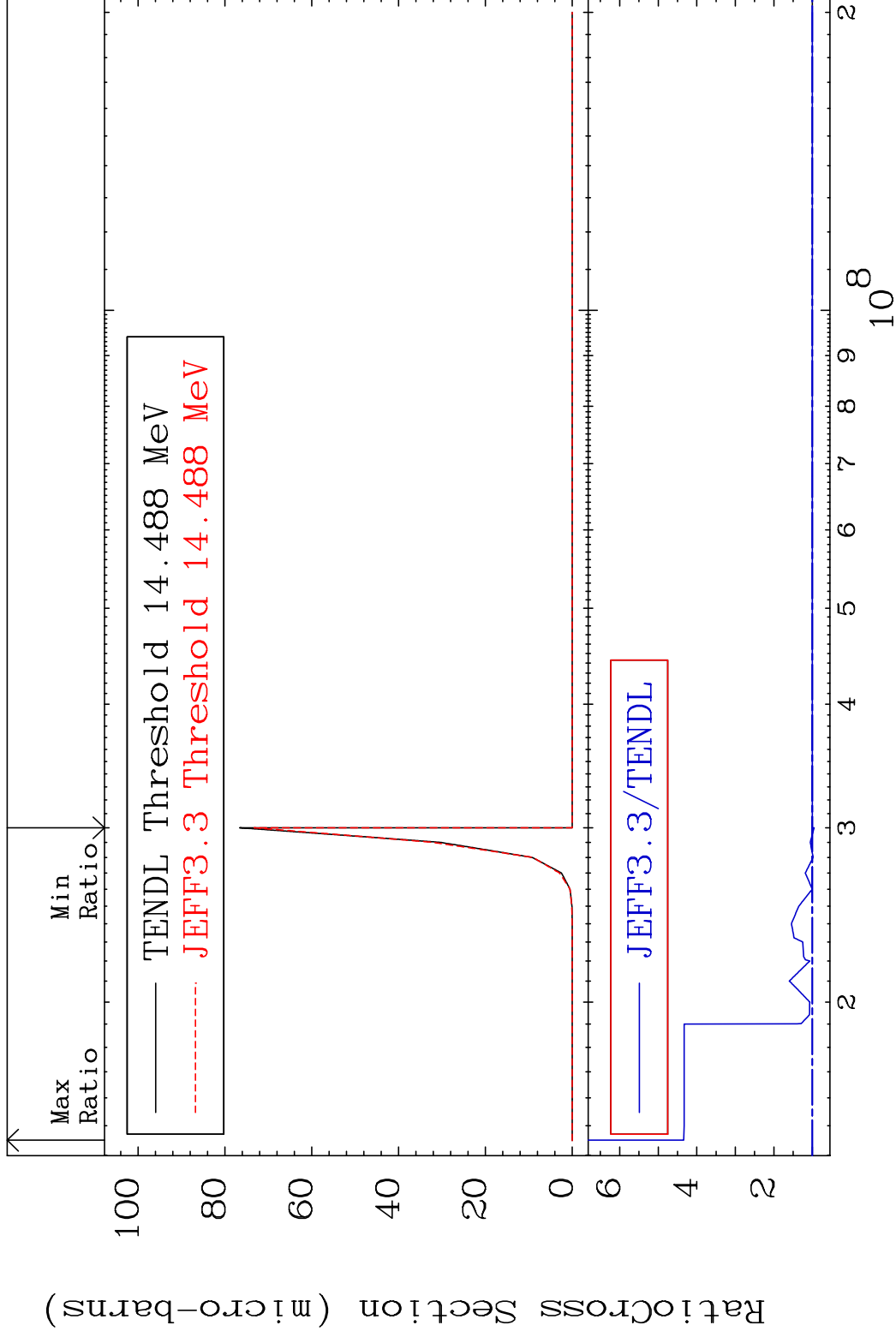


MAT 5528

(n,n') He-3

55-Cs-134

Cross Section -4.379 To 334.0 %



13

Incident Energy (eV)

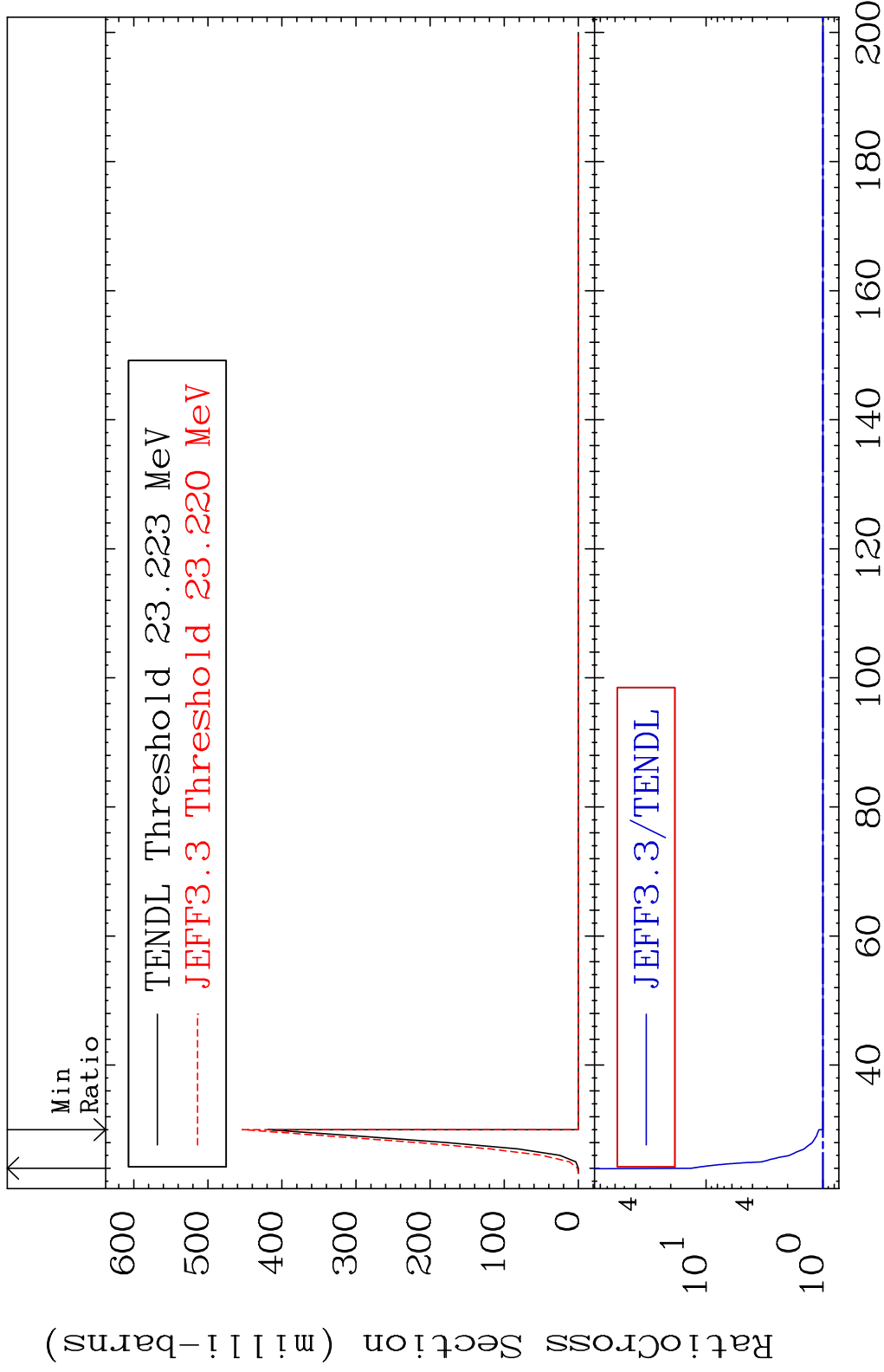
55-Cs-134

MAT 5528

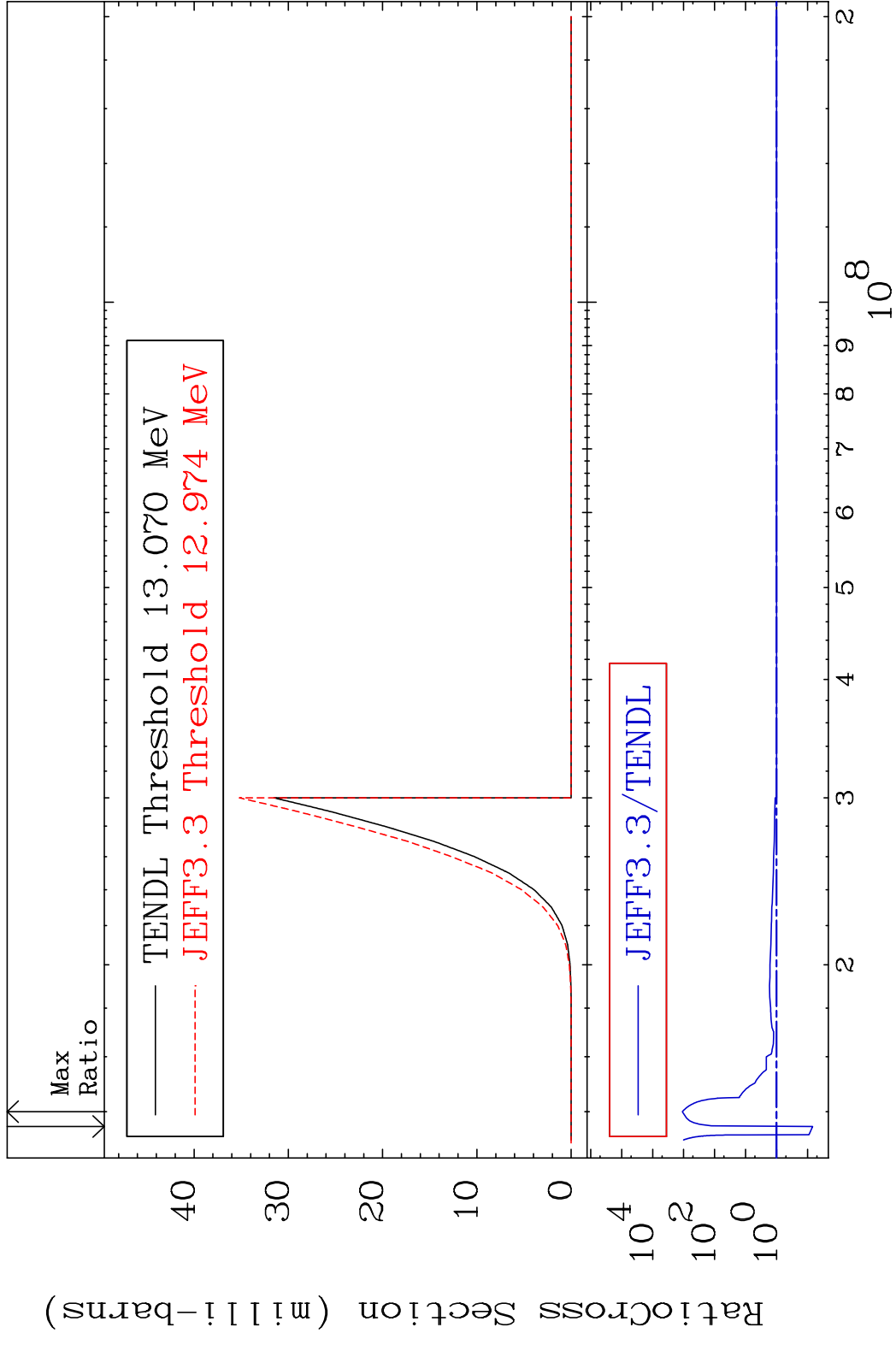
(n,4n)

55-Cs-134

Cross Section 0.000 To 1243. %

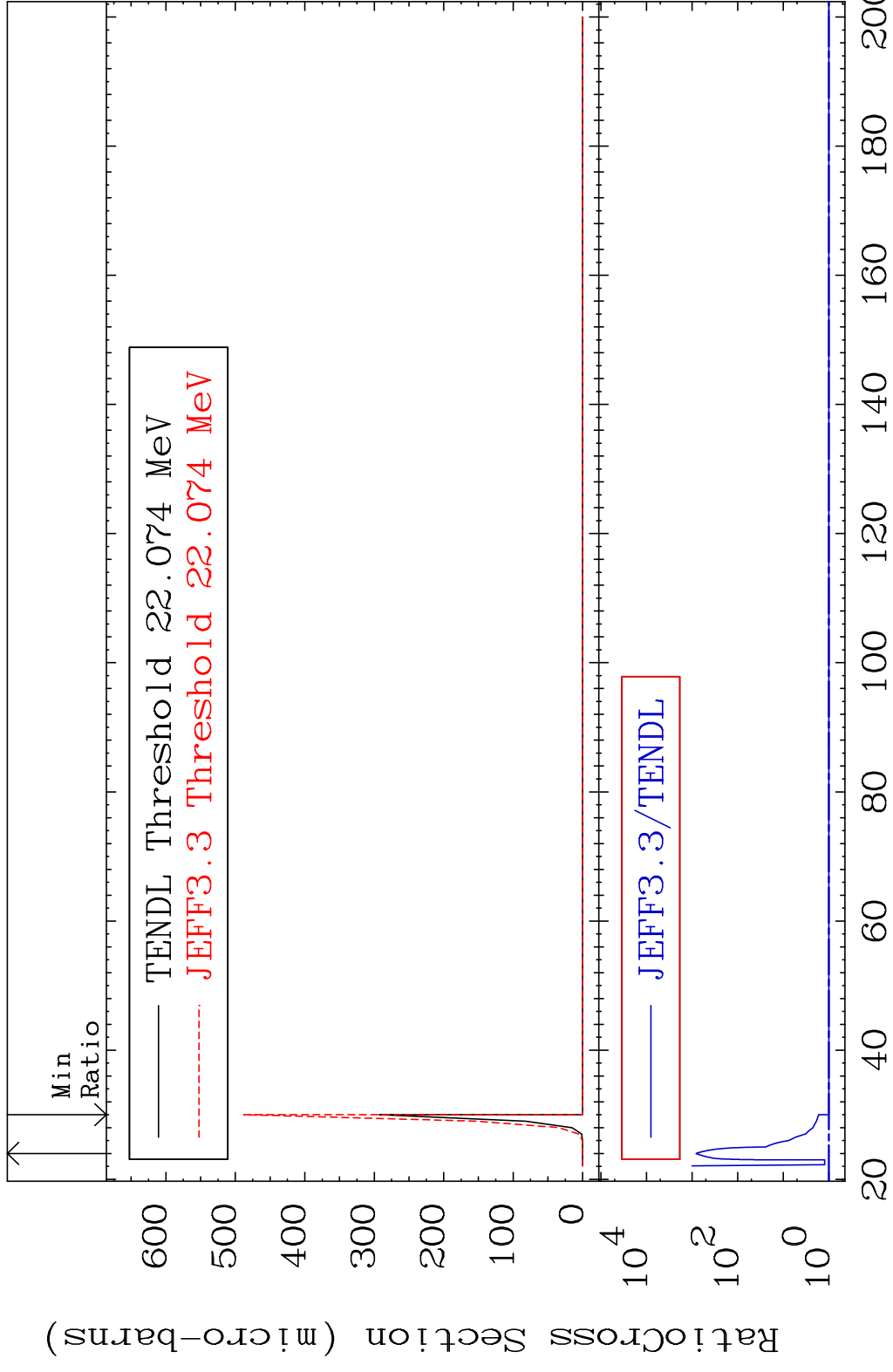


MAT 5528 (n,2n) p 55-Cs-134  
 Cross Section -93.10 To 9999. %

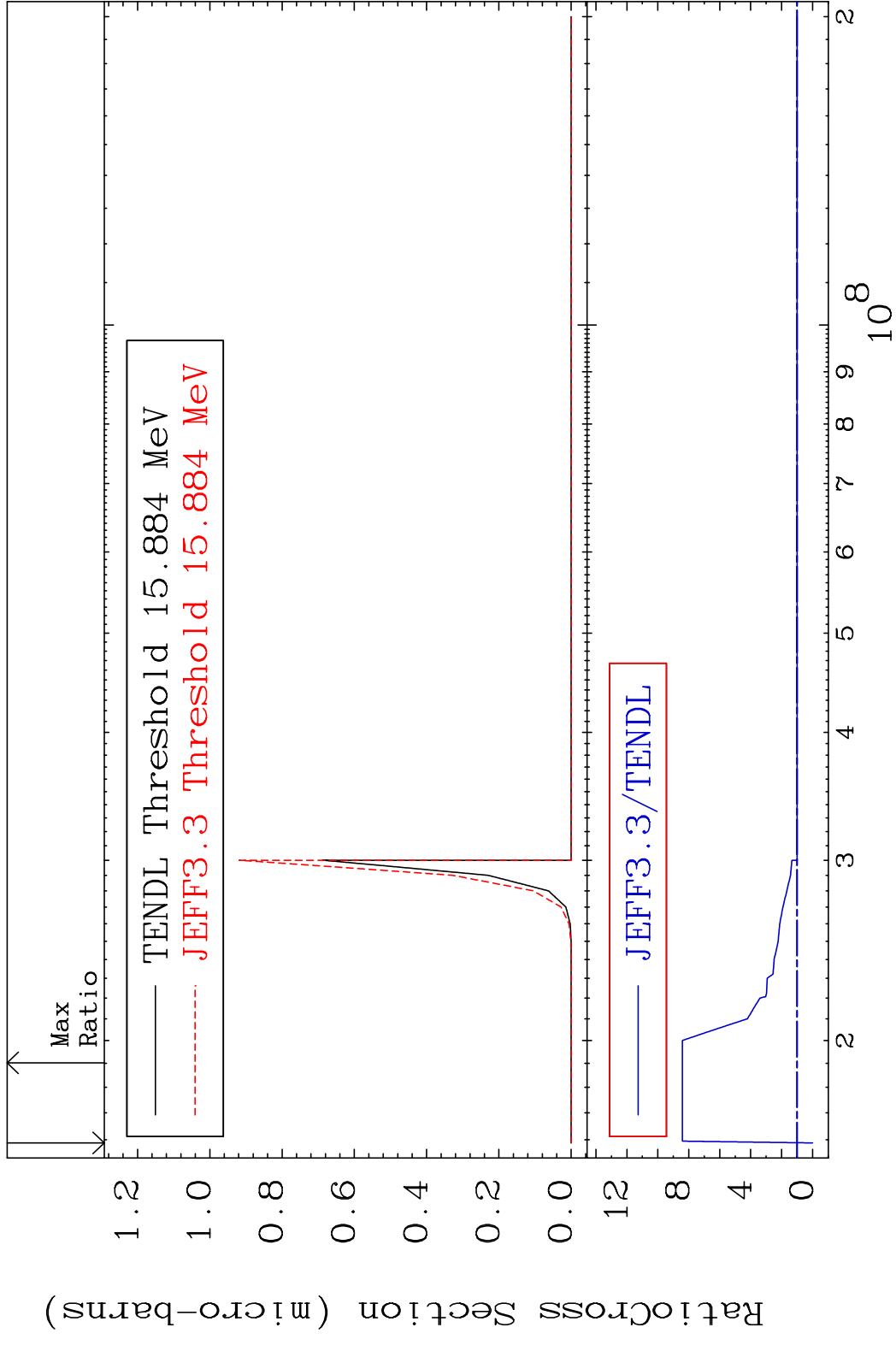




MAT 5528 (n,3n) p 55-Cs-134  
 Cross Section 0.000 To 9999. %



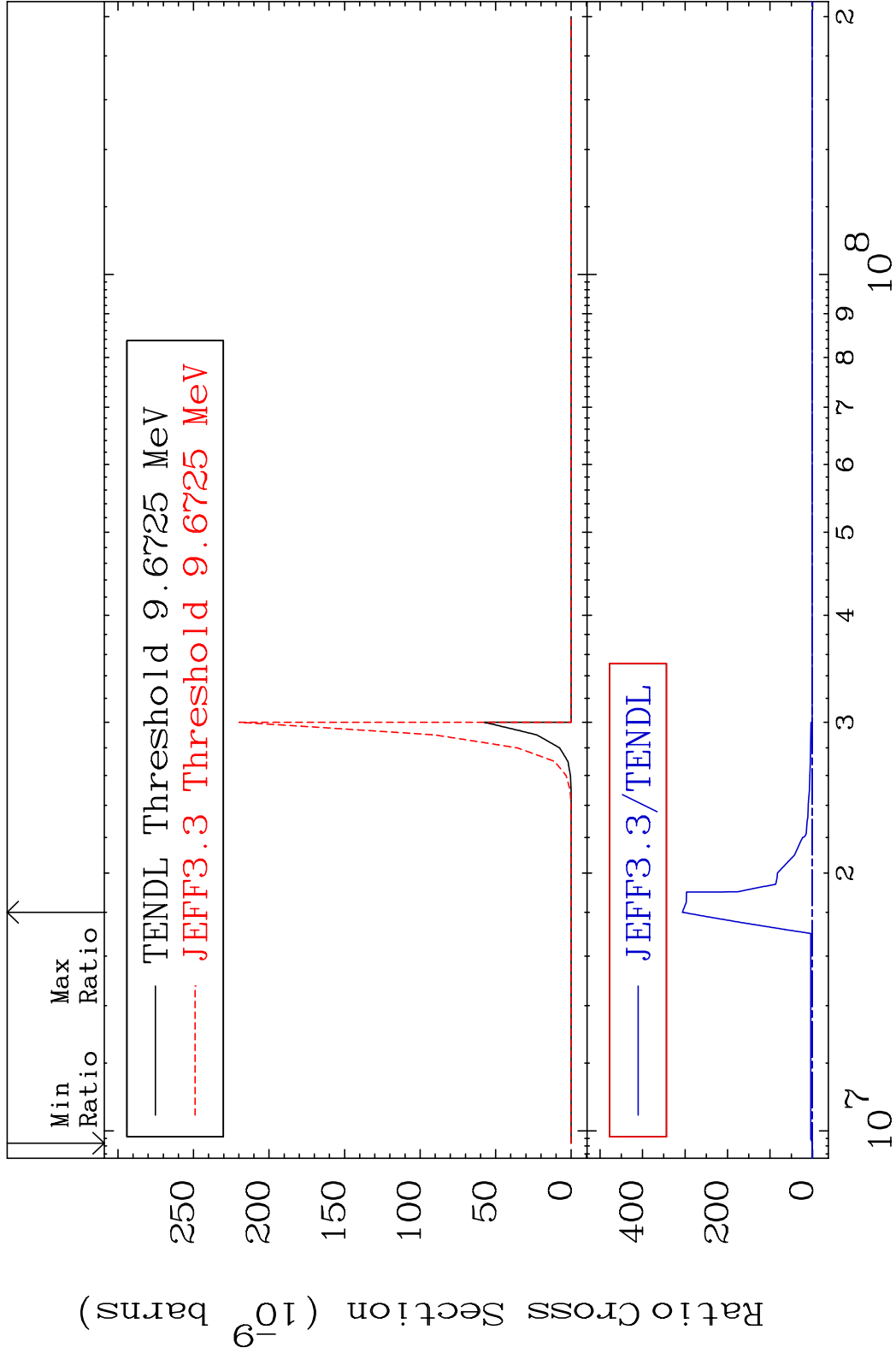
MAT 5528 (n,2n) p 55-Cs-134  
 Cross Section -100.0 To 741.5 %



MAT 5528

(n,n') p  $\alpha$  55-Cs-134

Cross Section -100.0 To 9999. %

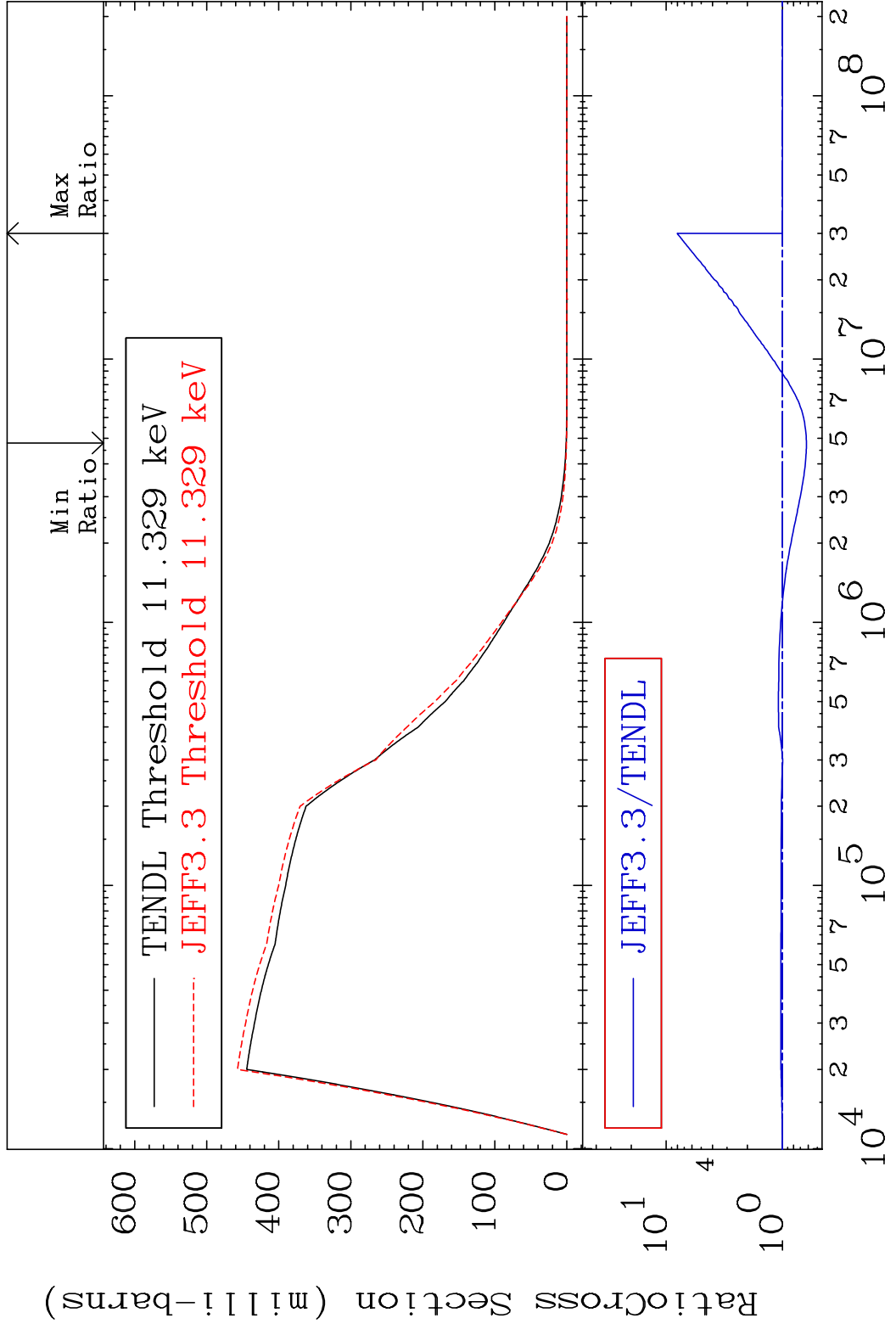


18

Incident Energy (eV)

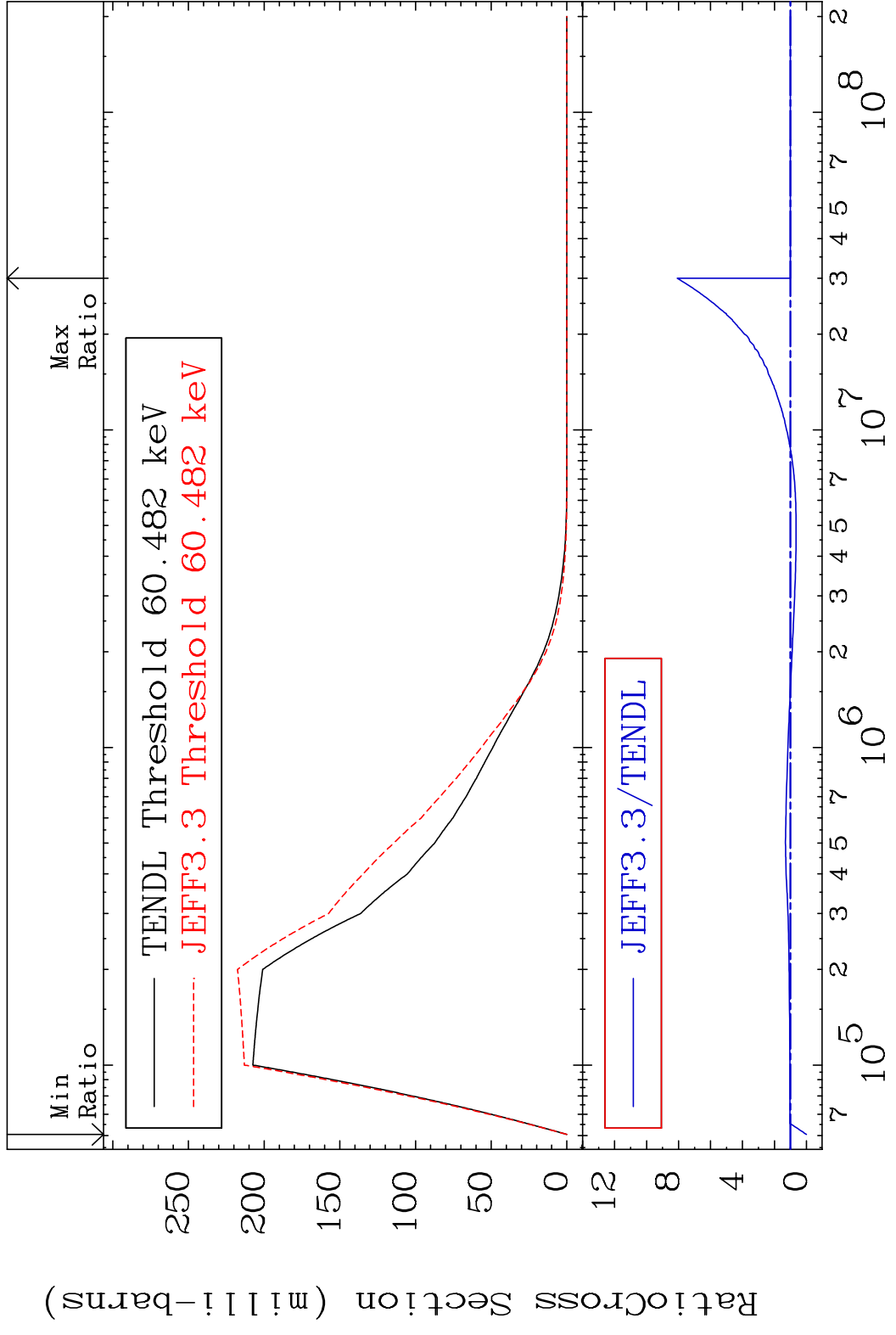
55-Cs-134

MAT 5528 MT= 51 (n, n') Level 55-Cs-134  
 Cross Section -37.85 To 704.3 %



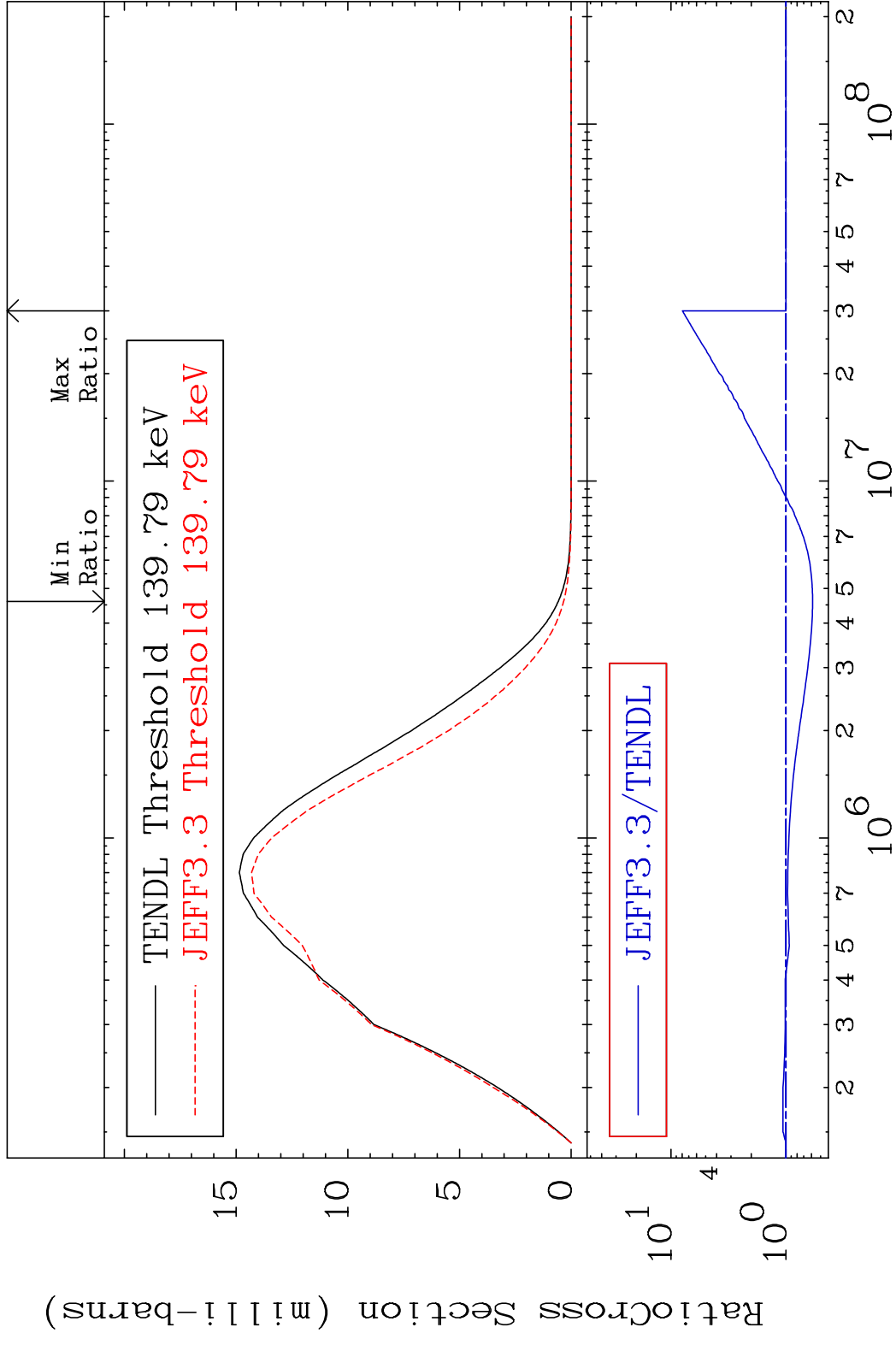
19 Incident Energy (eV) 55-Cs-134

MAT 5528 MT= 52 (n,n') Level 55-Cs-134  
 Cross Section -100.0 To 708.6 %

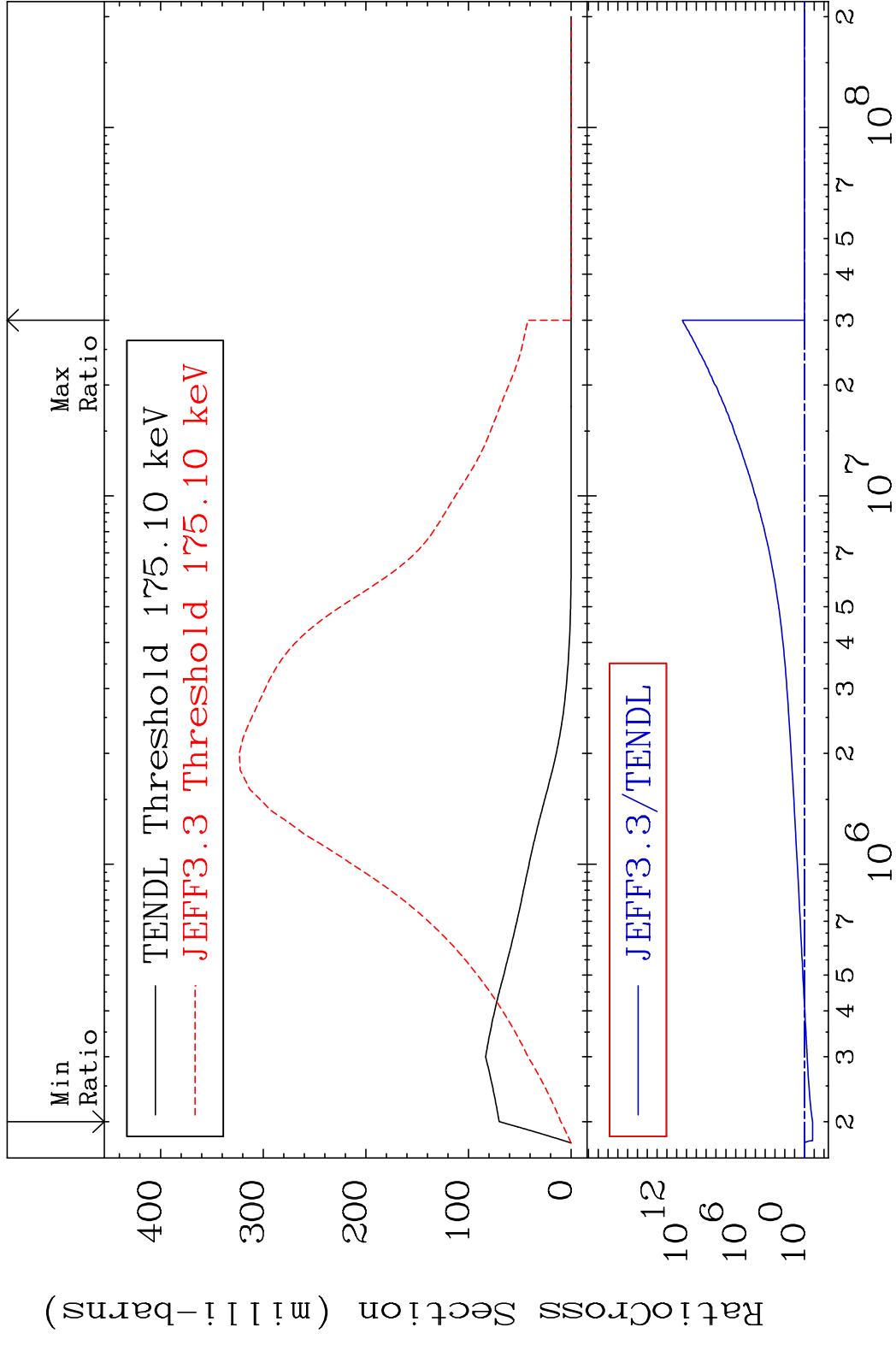


20 Incident Energy (eV) 55-Cs-134

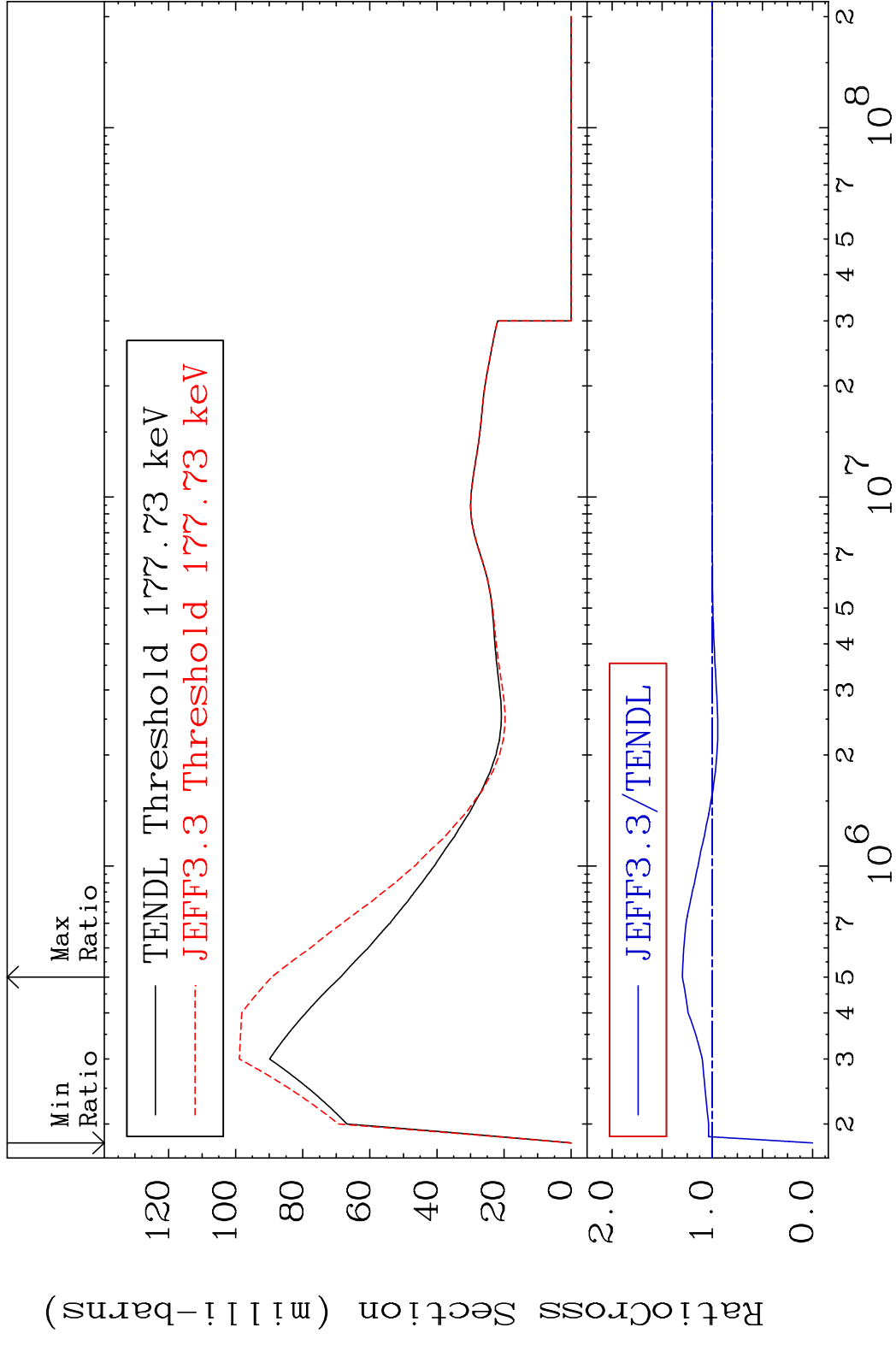
MAT 5528 MT= 53 (n, n') Level 55-Cs-134  
 Cross Section -41.29 To 695.6 %



MAT 5528 MT= 54 (n, n') Level 55-Cs-134  
 Cross Section -85.59 To 9999. %

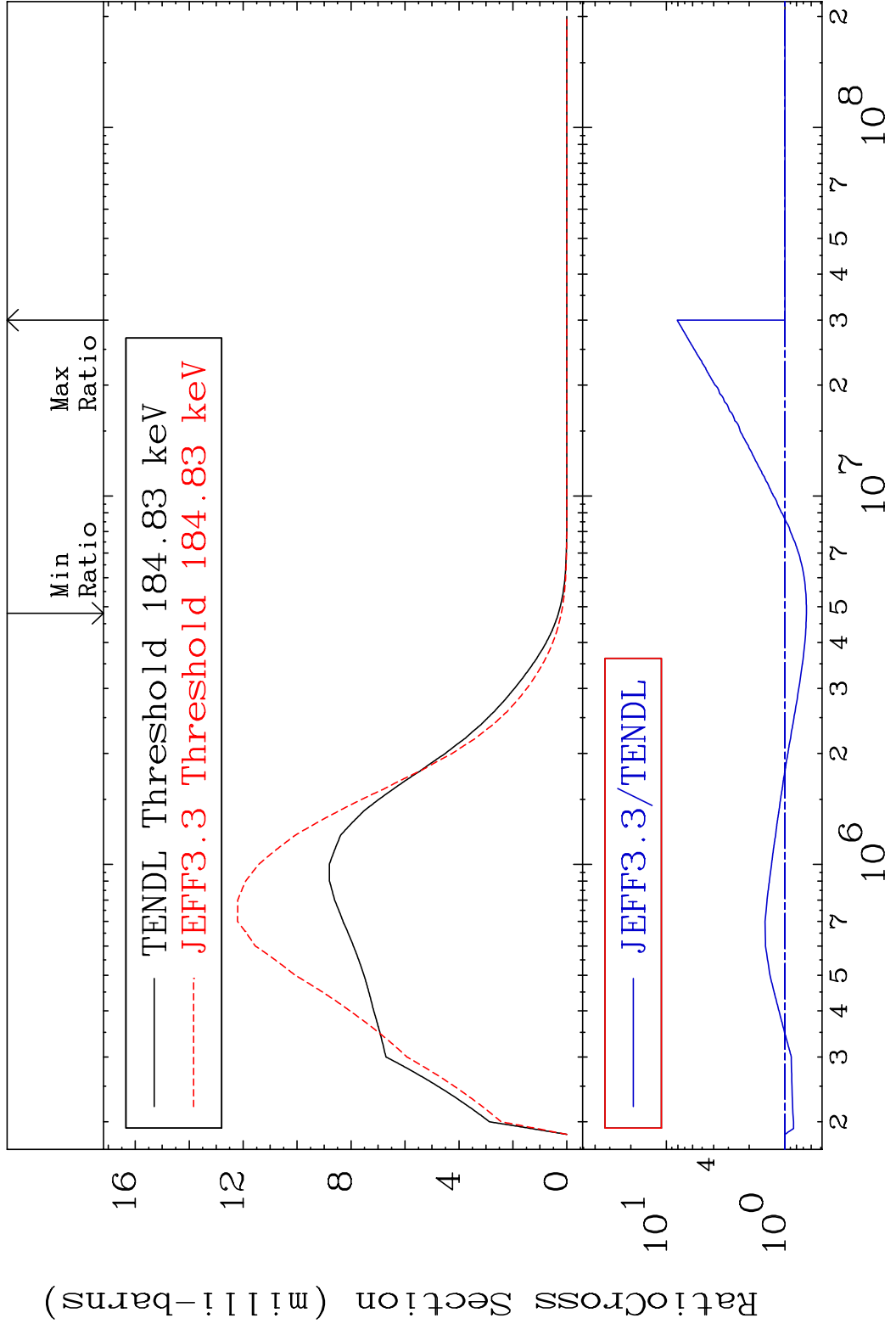


MAT 5528 MT= 55 (n,n') Level 55-Cs-134  
 Cross Section -100.0 To 29.90 %

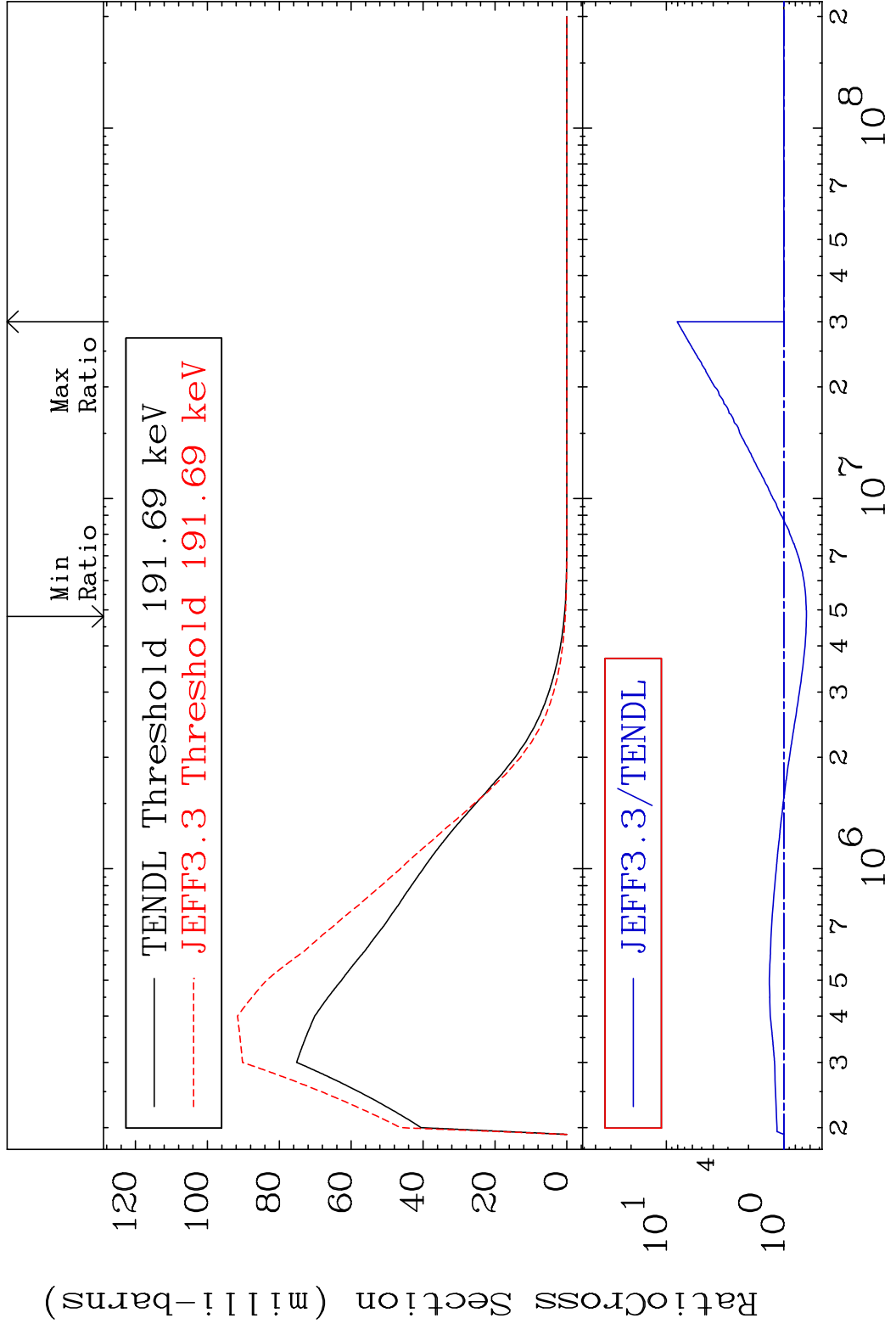




MAT 5528 MT= 56 (n, n') Level 55-Cs-134  
 Cross Section -34.06 To 711.2 %

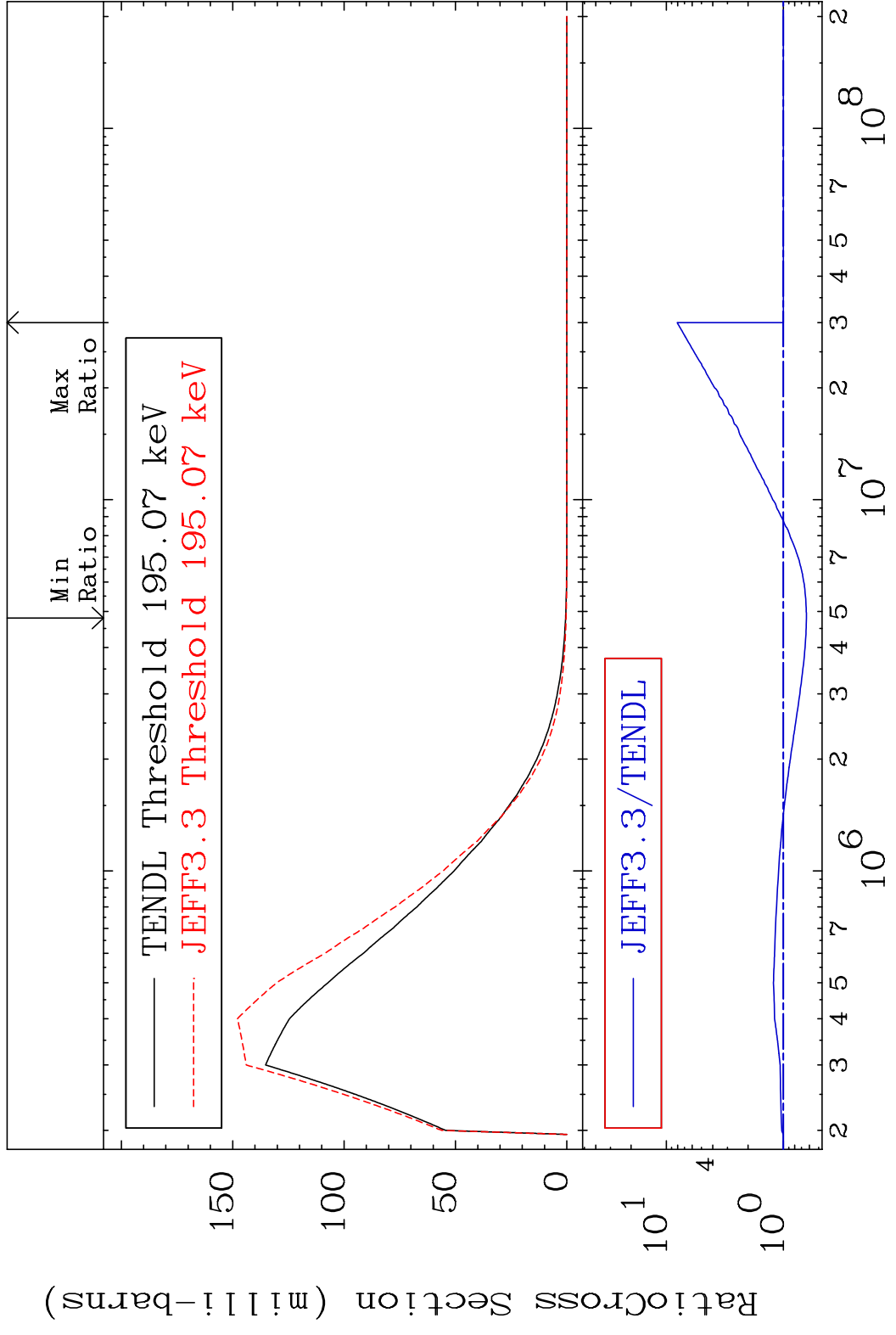


MAT 5528 MT= 57 (n, n') Level 55-Cs-134  
 Cross Section -35.66 To 708.6 %

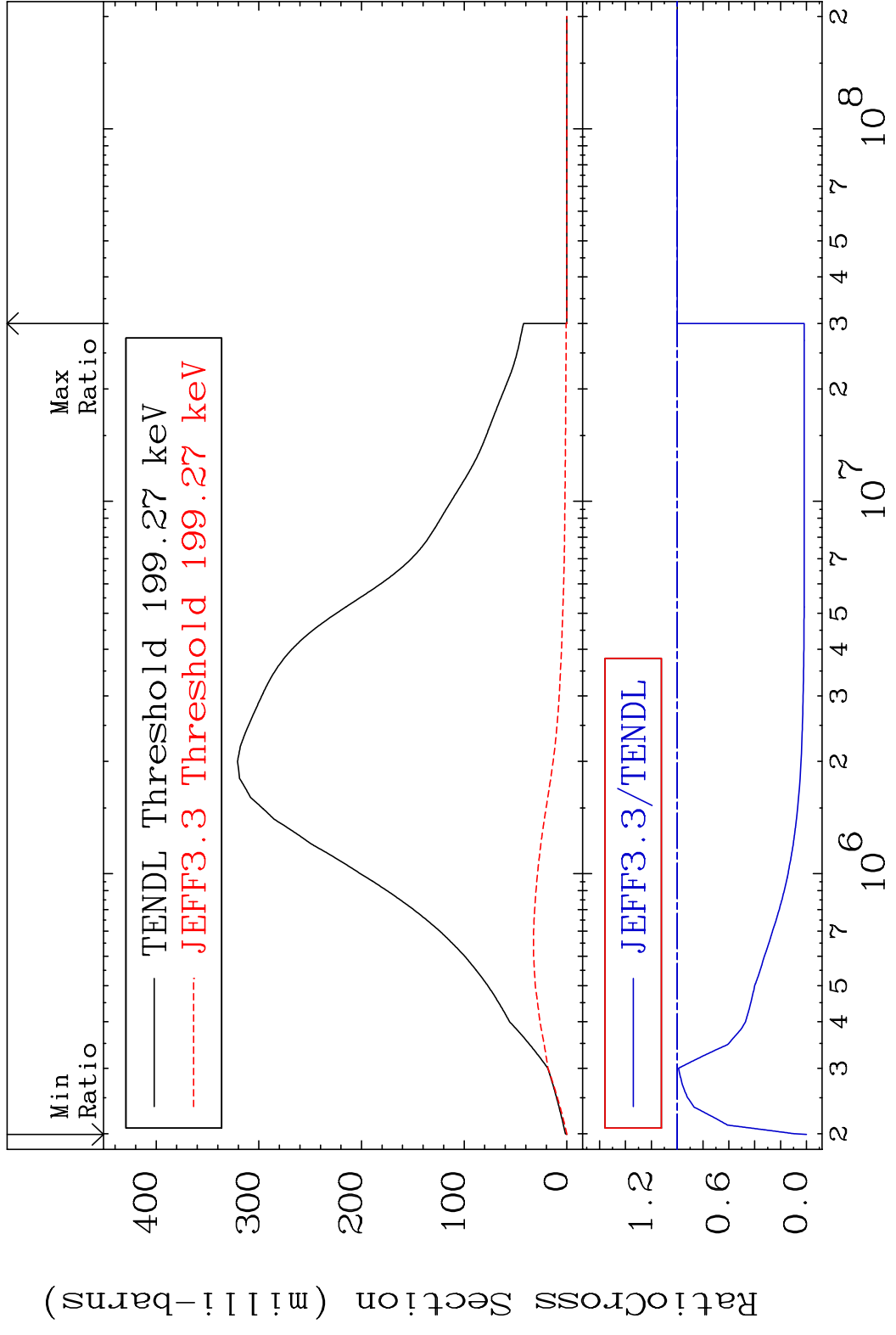


25 Incident Energy (eV) 55-Cs-134

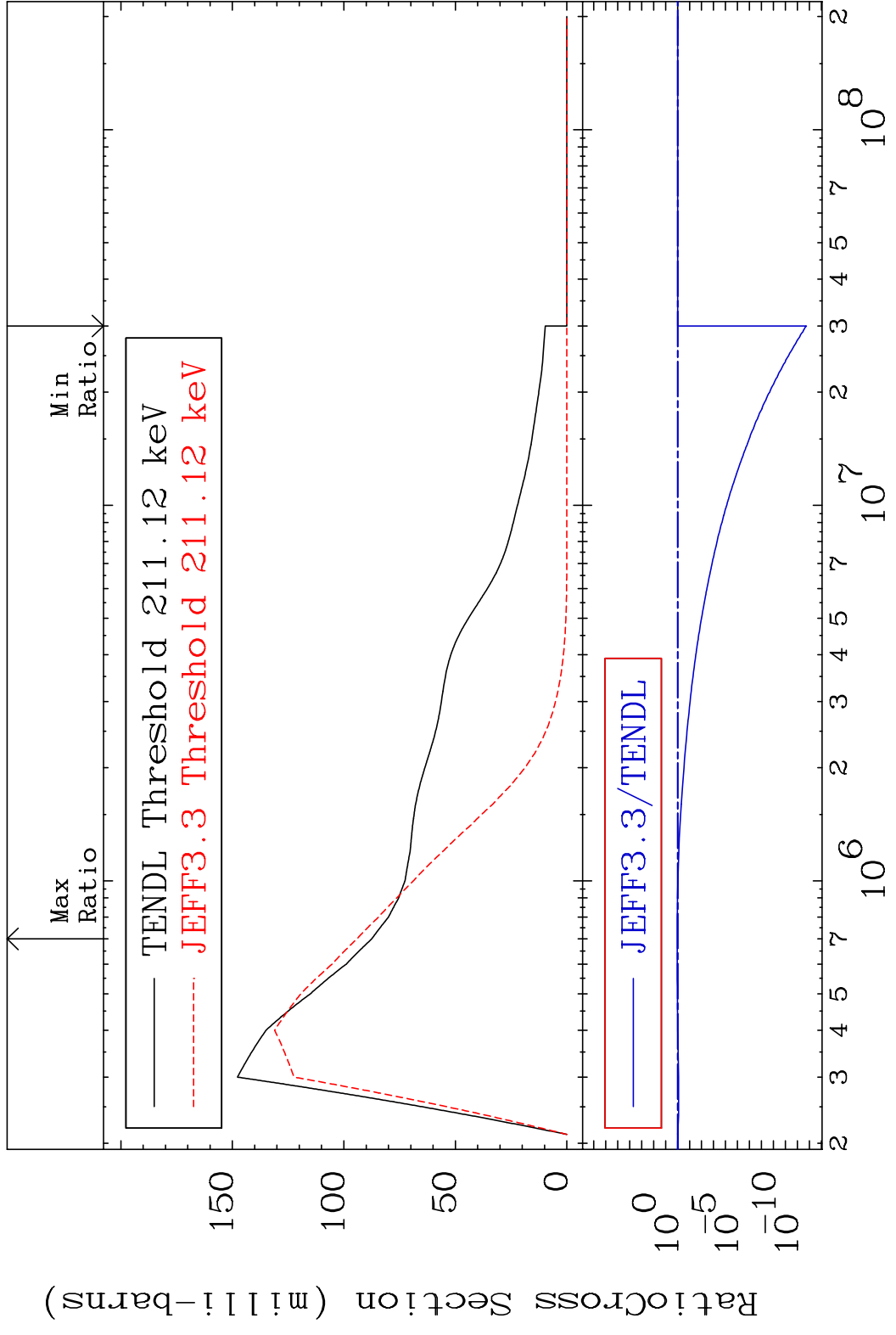
MAT 5528 MT= 58 (n, n') Level 55-Cs-134  
 Cross Section -36.46 To 706.8 %



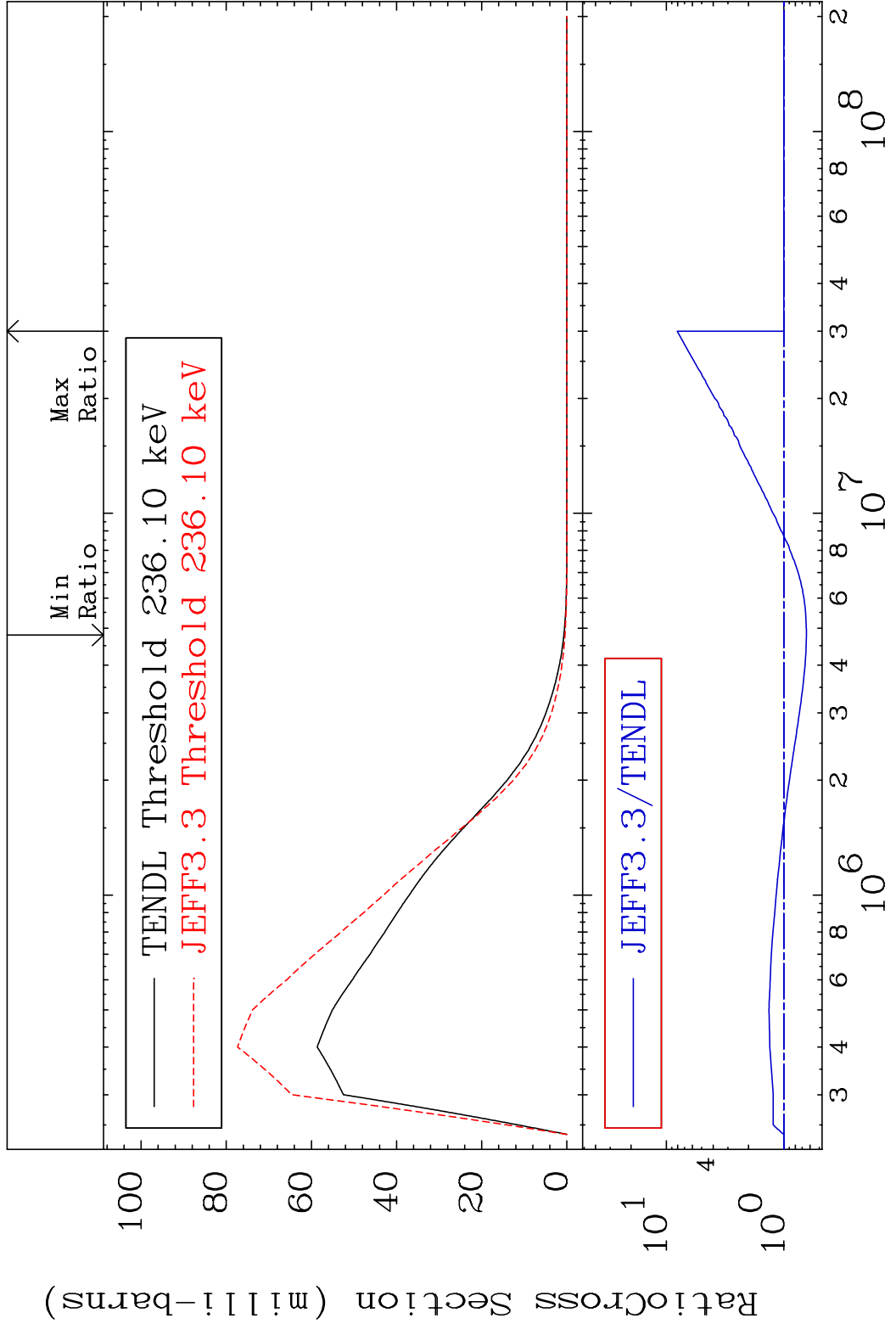
MAT 5528 MT= 59 (n, n') Level 55-Cs-134  
 Cross Section -100.0 To 0.000 %



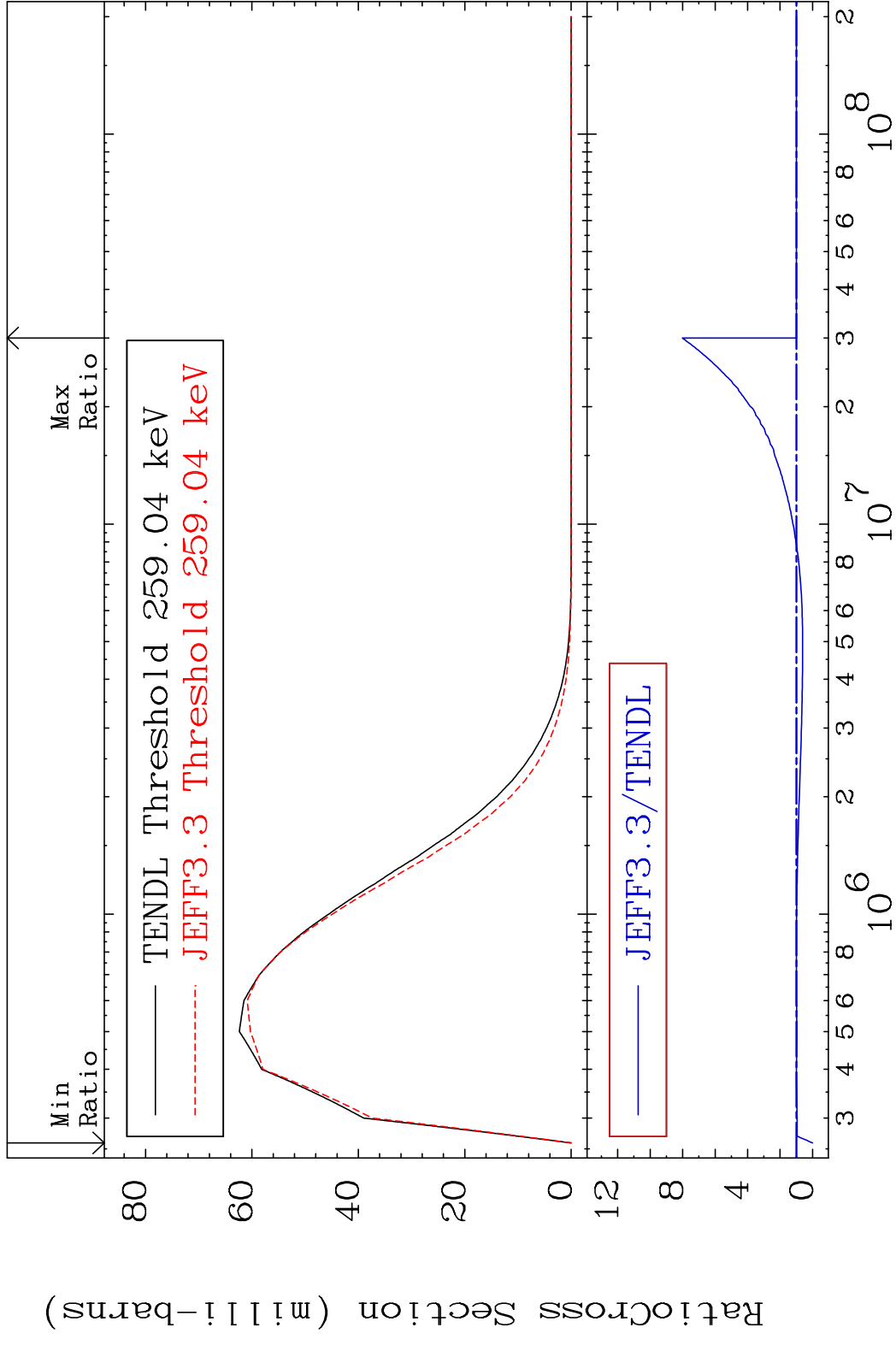
MAT 5528 MT= 60 (n,n') Level 55-Cs-134  
 Cross Section -100.0 To 7.620 %



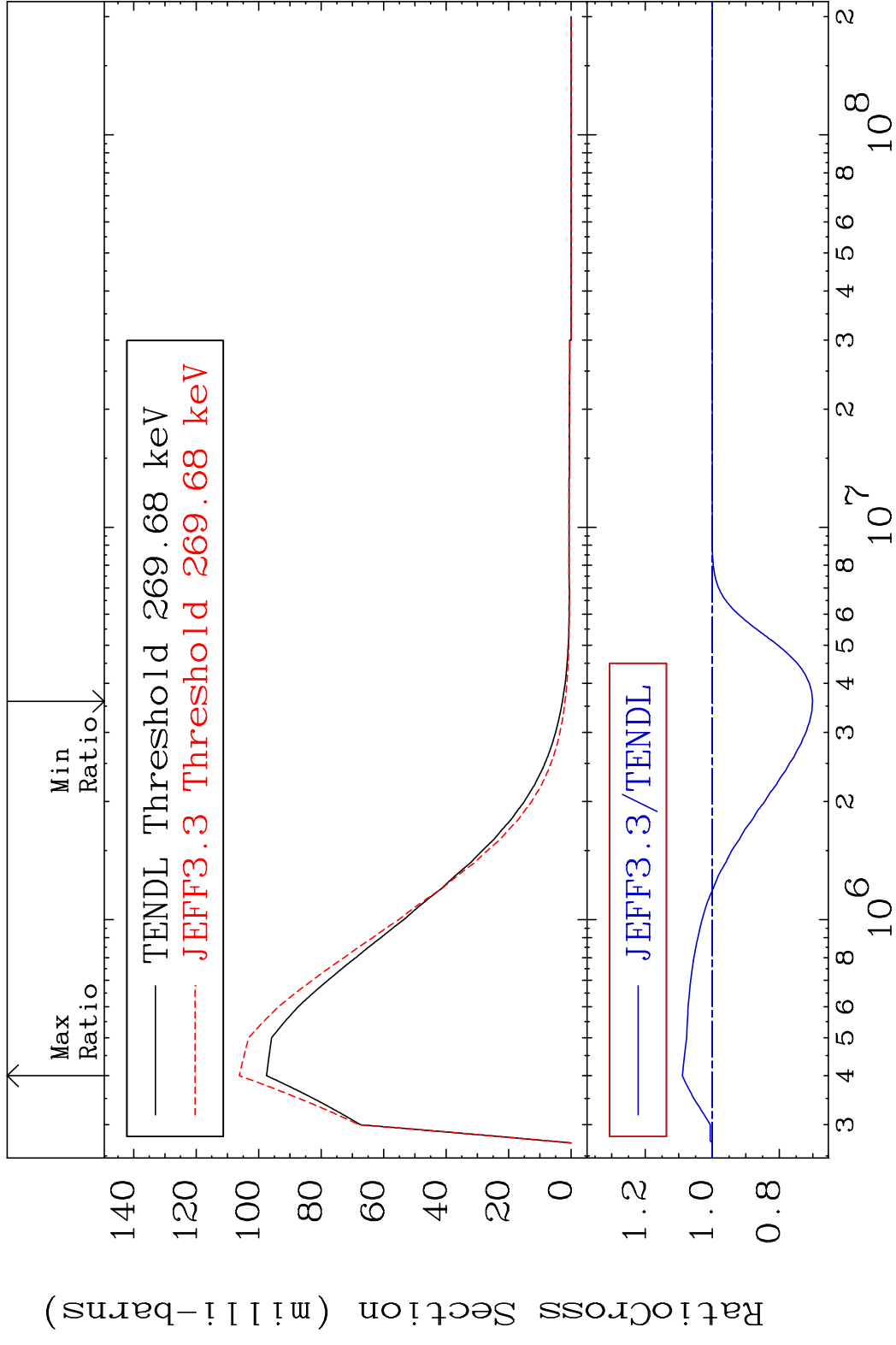
MAT 5528 MT= 61 (n, n') Level 55-Cs-134  
 Cross Section -35.66 To 708.7 %



MAT 5528 MT= 62 (n,n') Level 55-Cs-134  
 Cross Section -100.0 To 701.8 %

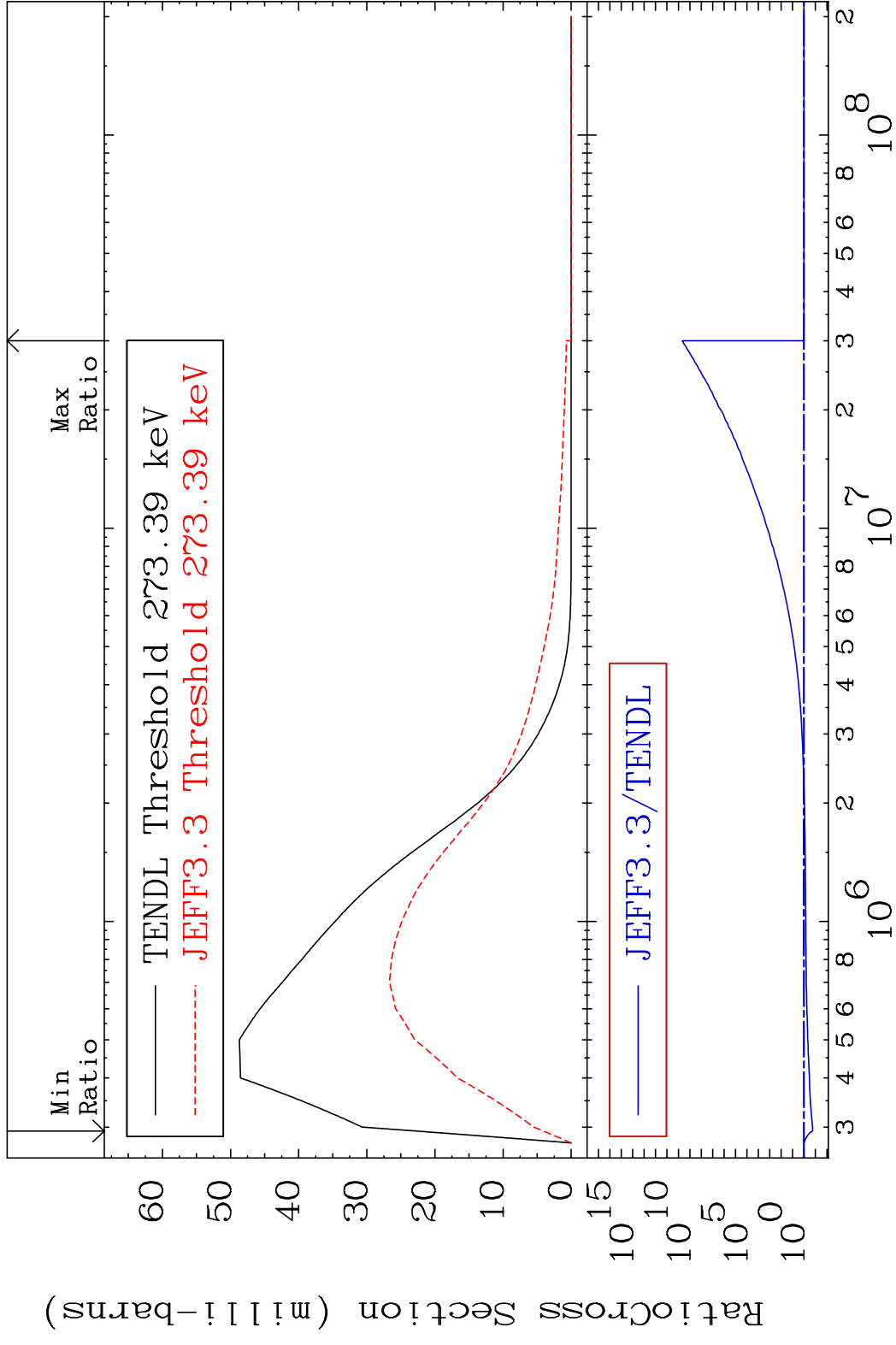


MAT 5528 MT= 63 (n,n') Level 55-Cs-134  
 Cross Section -29.91 To 8.932 %

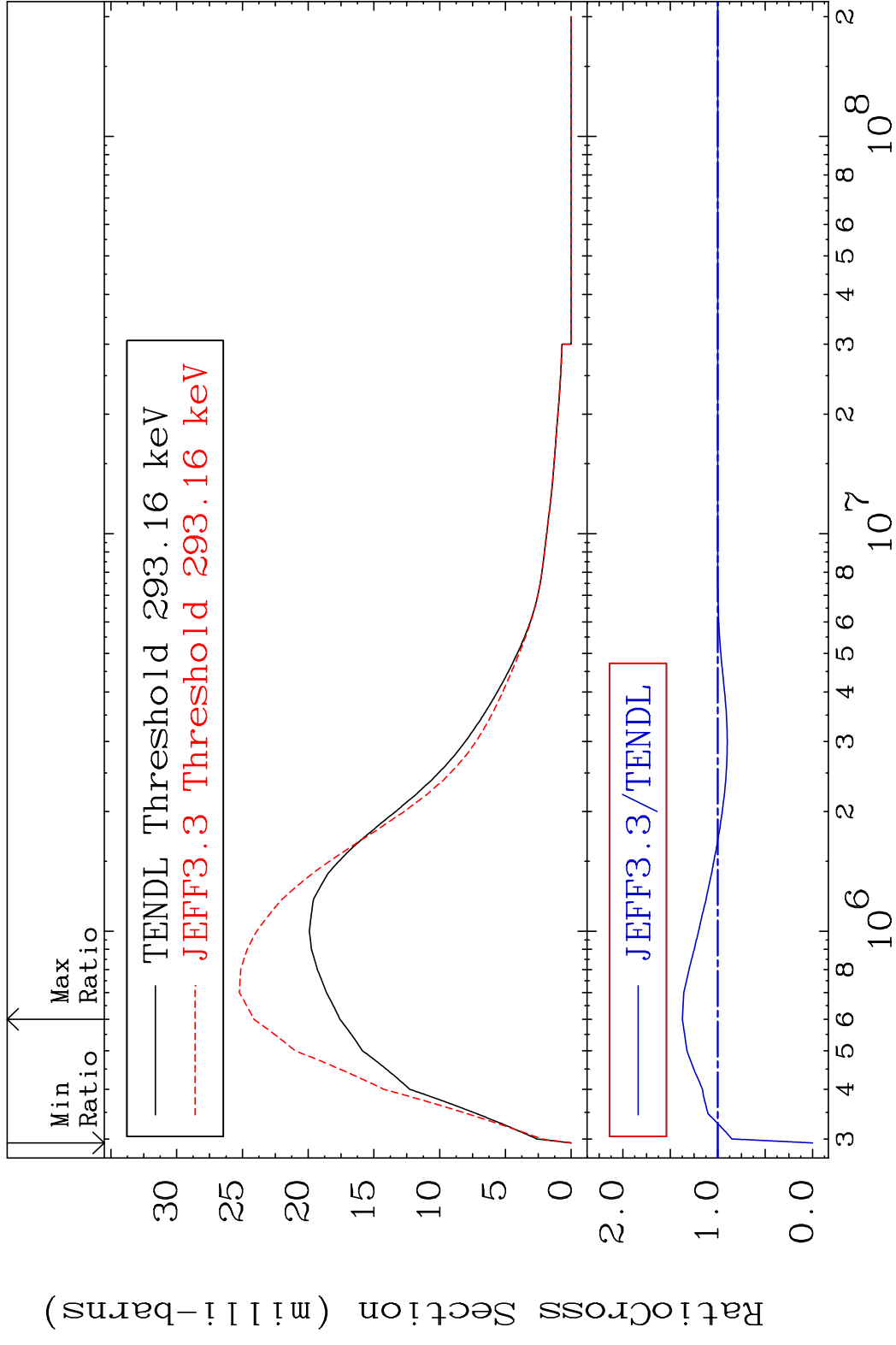




MAT 5528 MT= 64 (n,n') Level 55-Cs-134  
 Cross Section -82.08 To 9999. %



MAT 5528 MT= 65 (n,n') Level 55-Cs-134  
 Cross Section -100.0 To 37.21 %

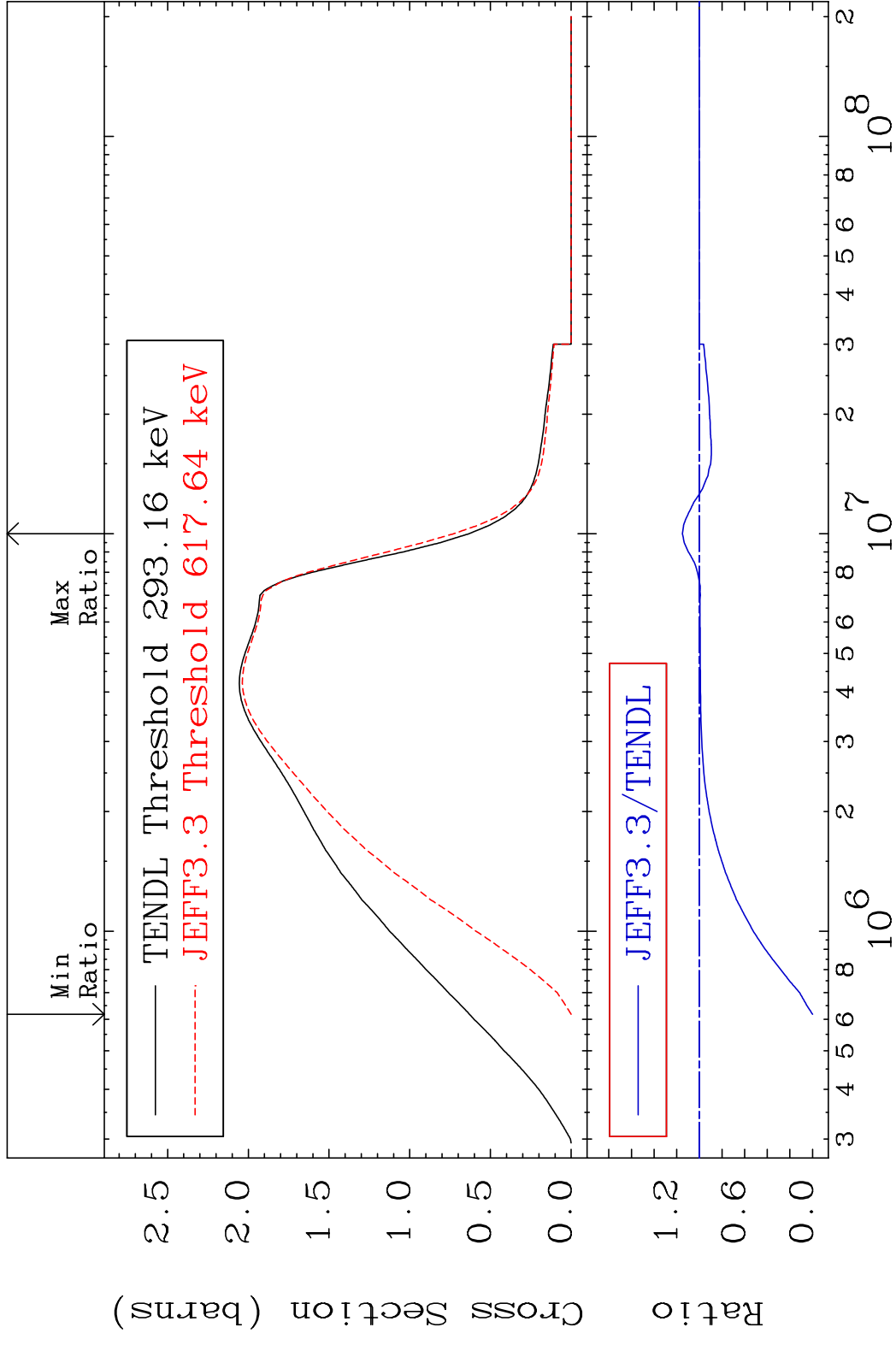


MAT 5528

(n, n') Continuum

55-Cs-134

Cross Section -100.0 To 15.01 %

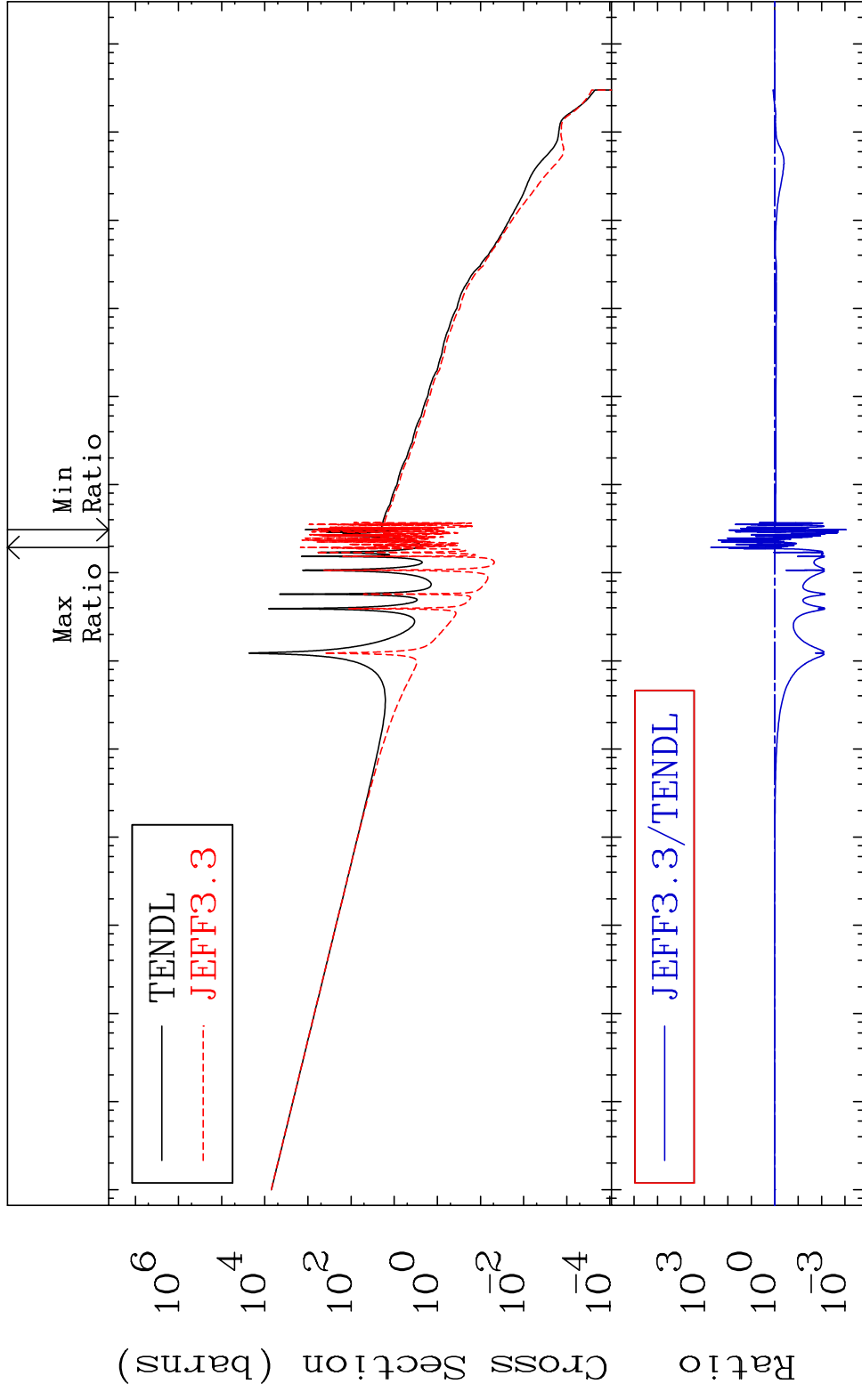


MAT 5528

55-Cs-134

(n,  $\gamma$ )

Cross Section -99.91 To 9999. %

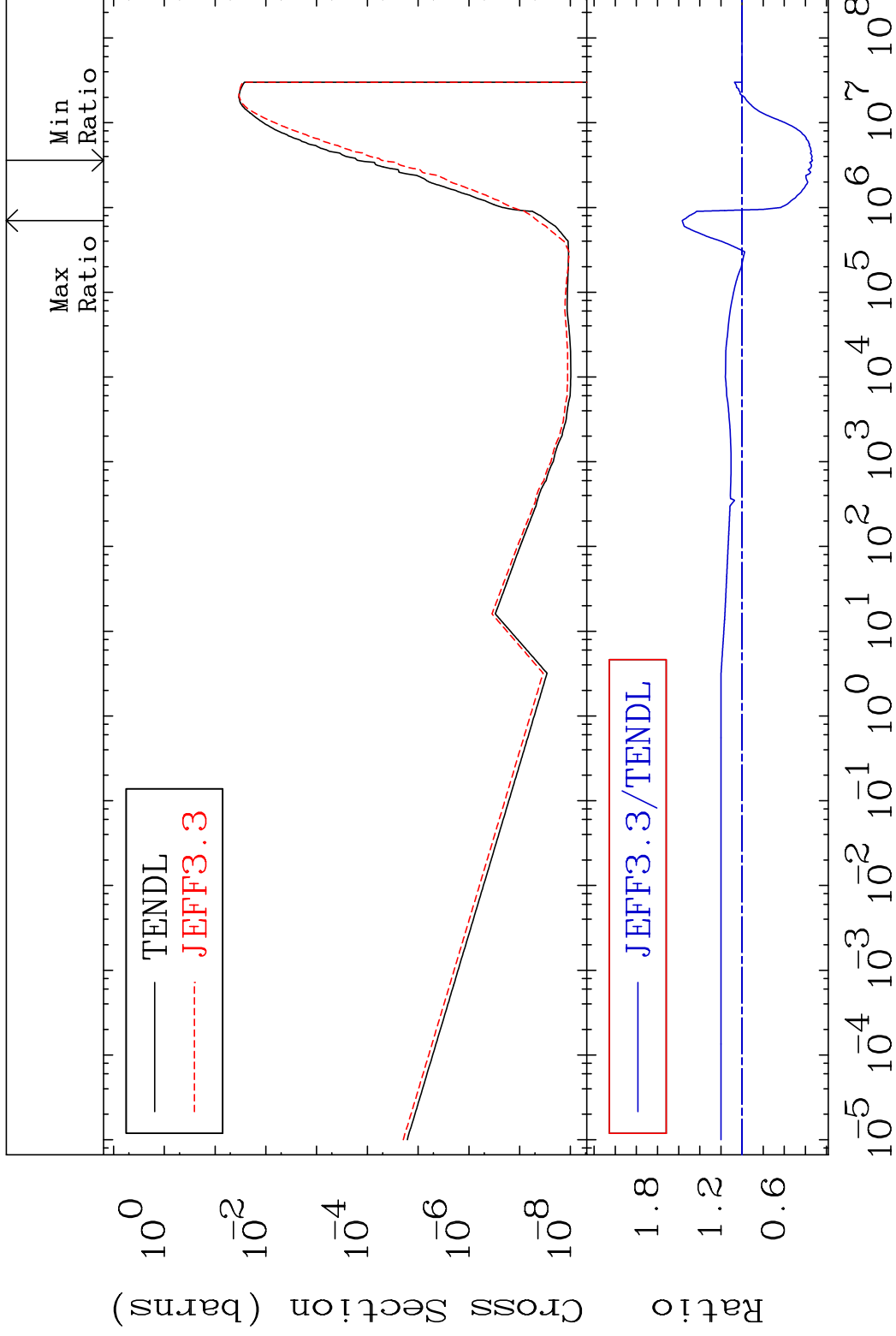


MAT 5528

(n,p)

55-Cs-134

Cross Section -66.69 To 56.70 %



36

Incident Energy (eV)

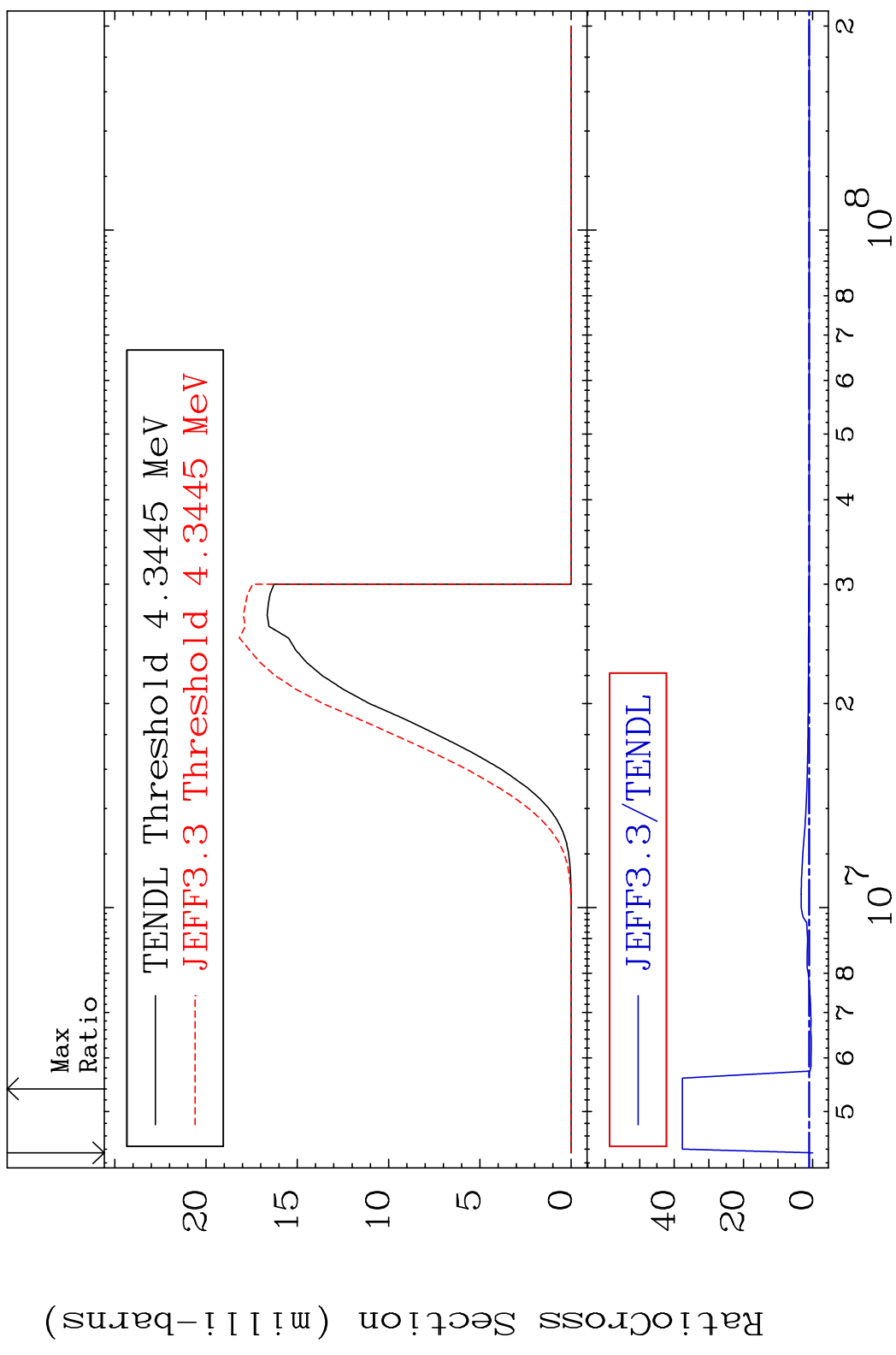
55-Cs-134

MAT 5528

(n,d)

55-Cs-134

Cross Section -100.0 To 3665. %



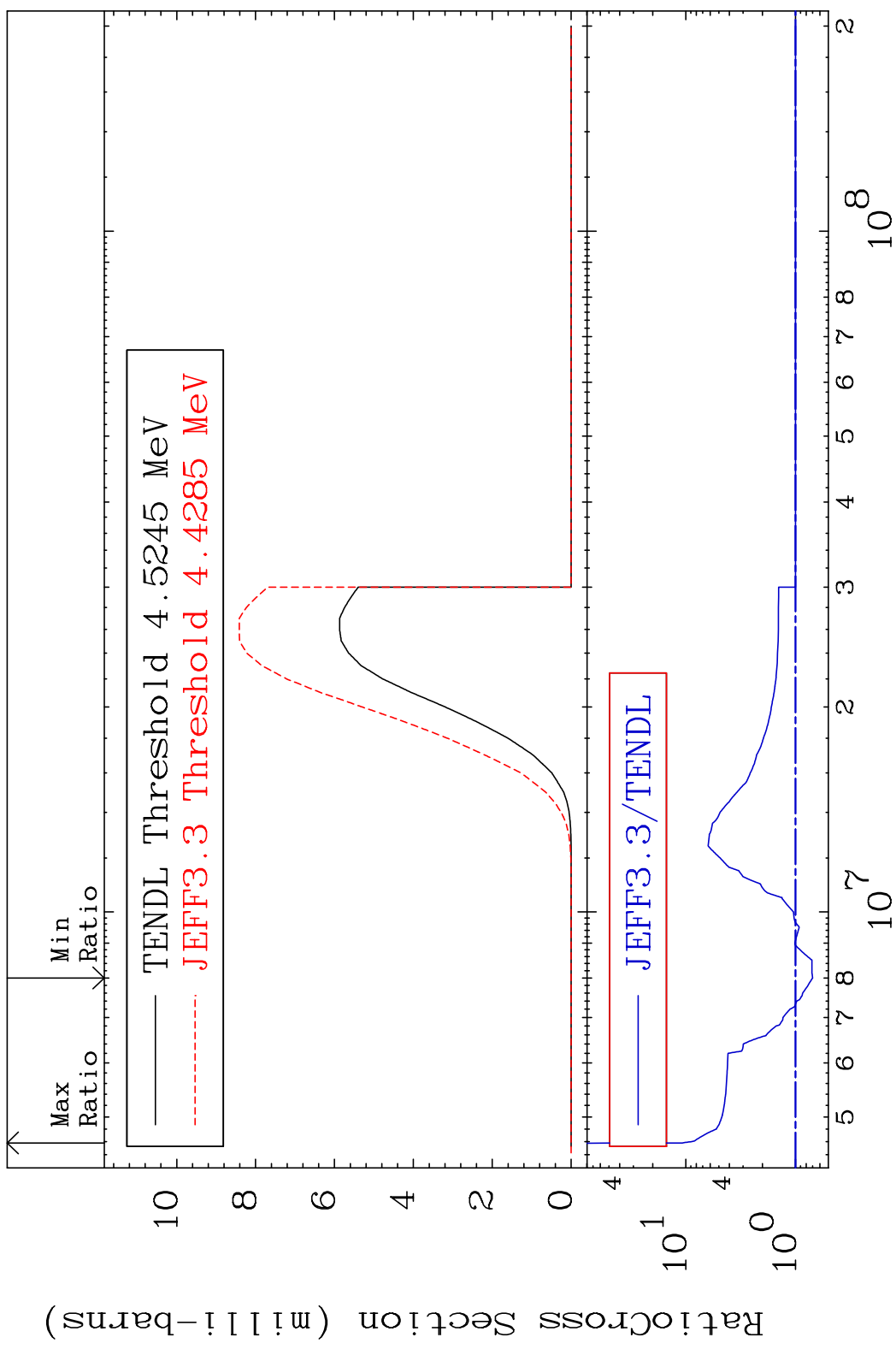
MAT 5528

(n, t)

55-Cs-134

Cross Section

-29.96 To 973.4 %

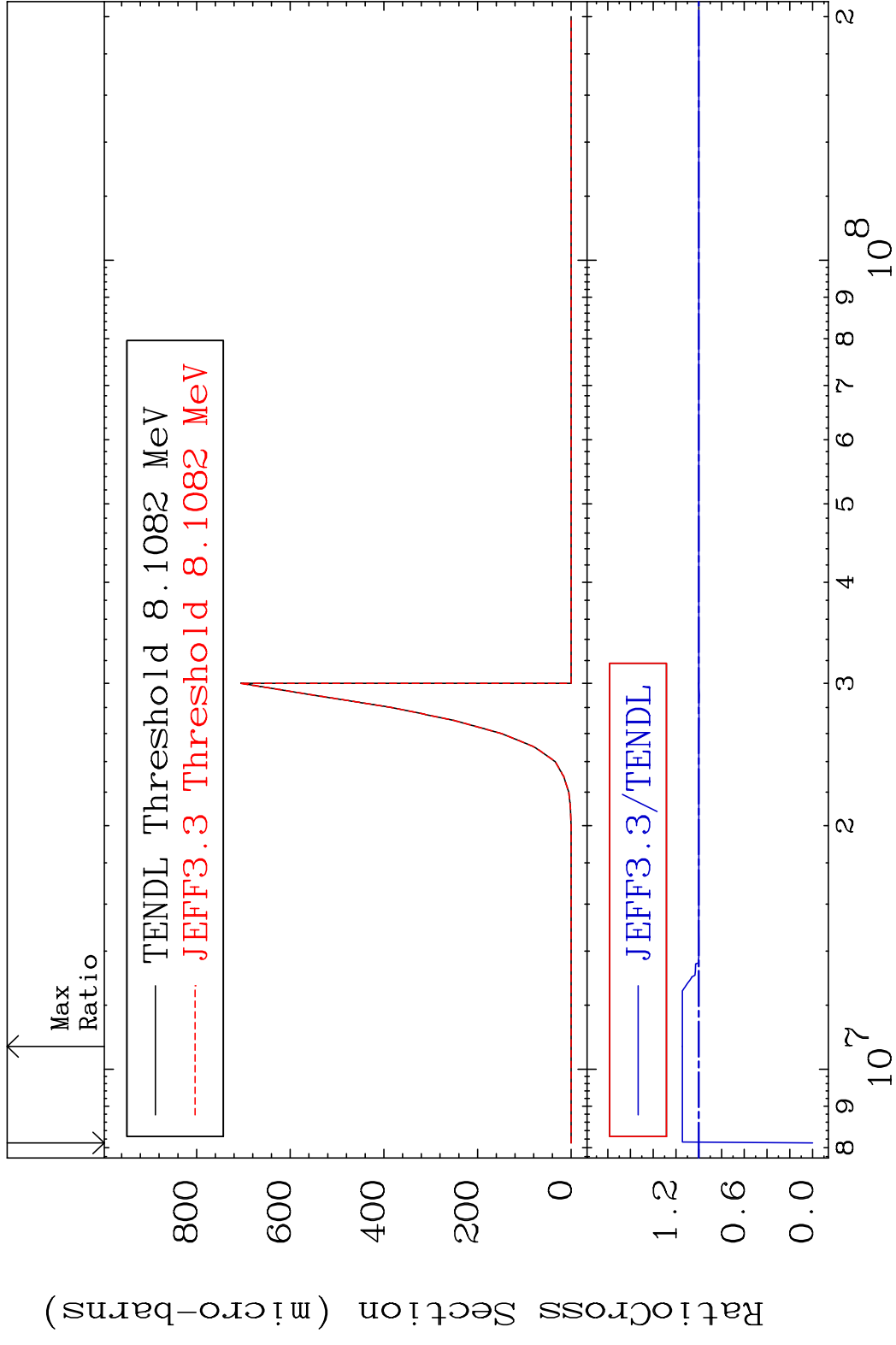


MAT 5528

(n, He-3)

55-Cs-134

Cross Section -100.0 To 14.43 %



39

Incident Energy (eV)

55-Cs-134

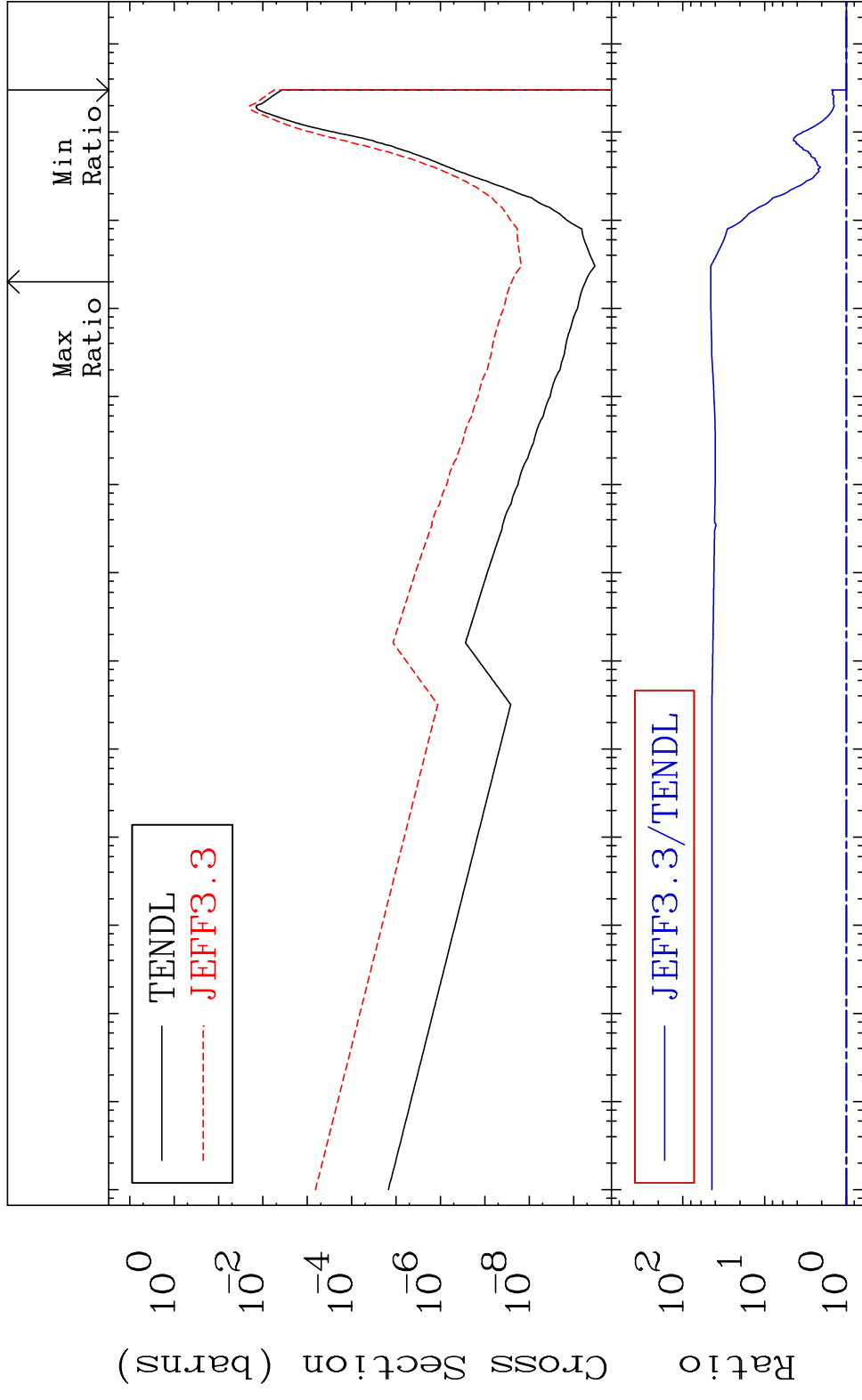


MAT 5528

55-Cs-134

(n,  $\alpha$ )

Cross Section 0.000 To 4457. %



40

Incident Energy (eV)

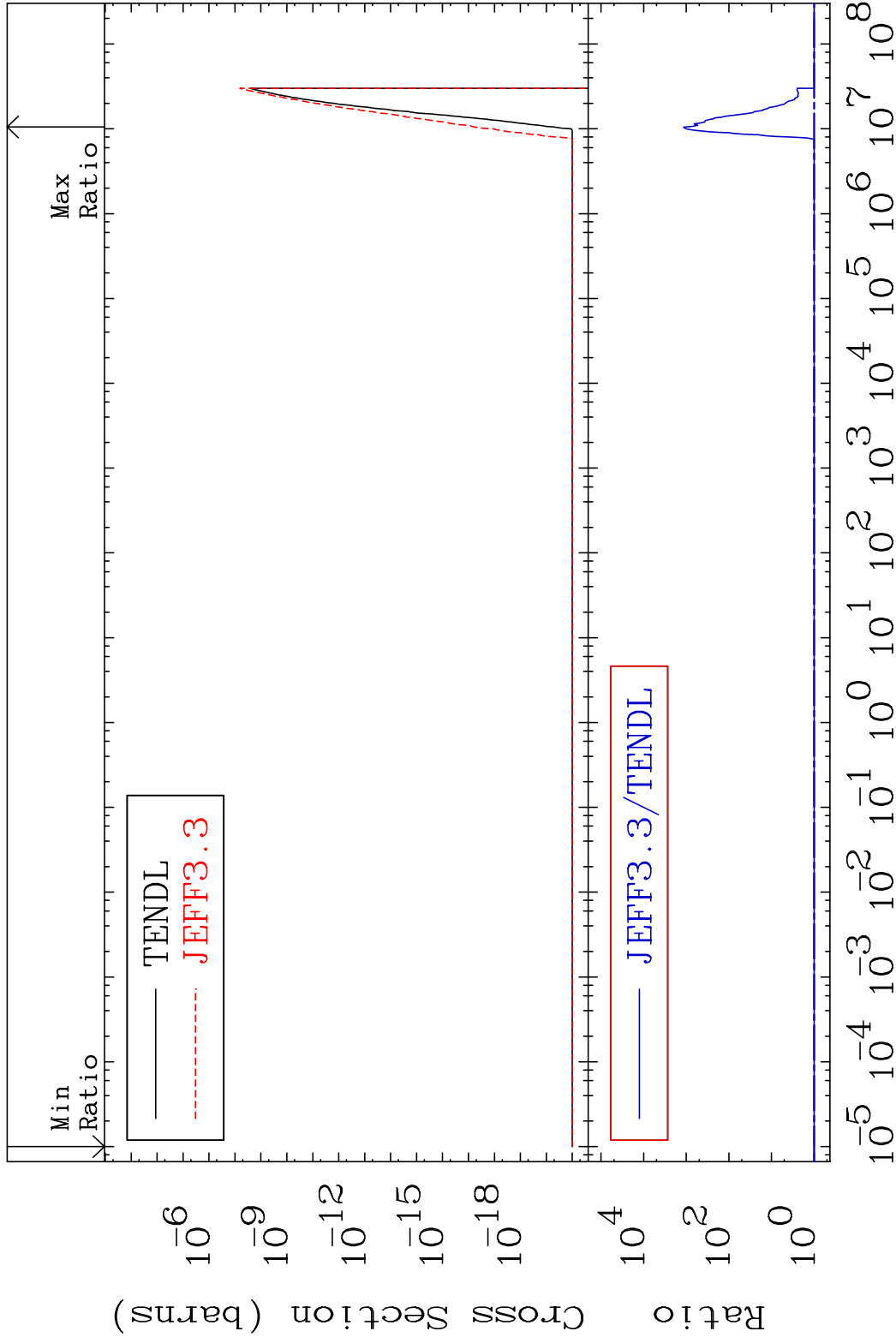
55-Cs-134

MAT 5528

(n,2α)

55-Cs-134

Cross Section 0.000 To 9999. %

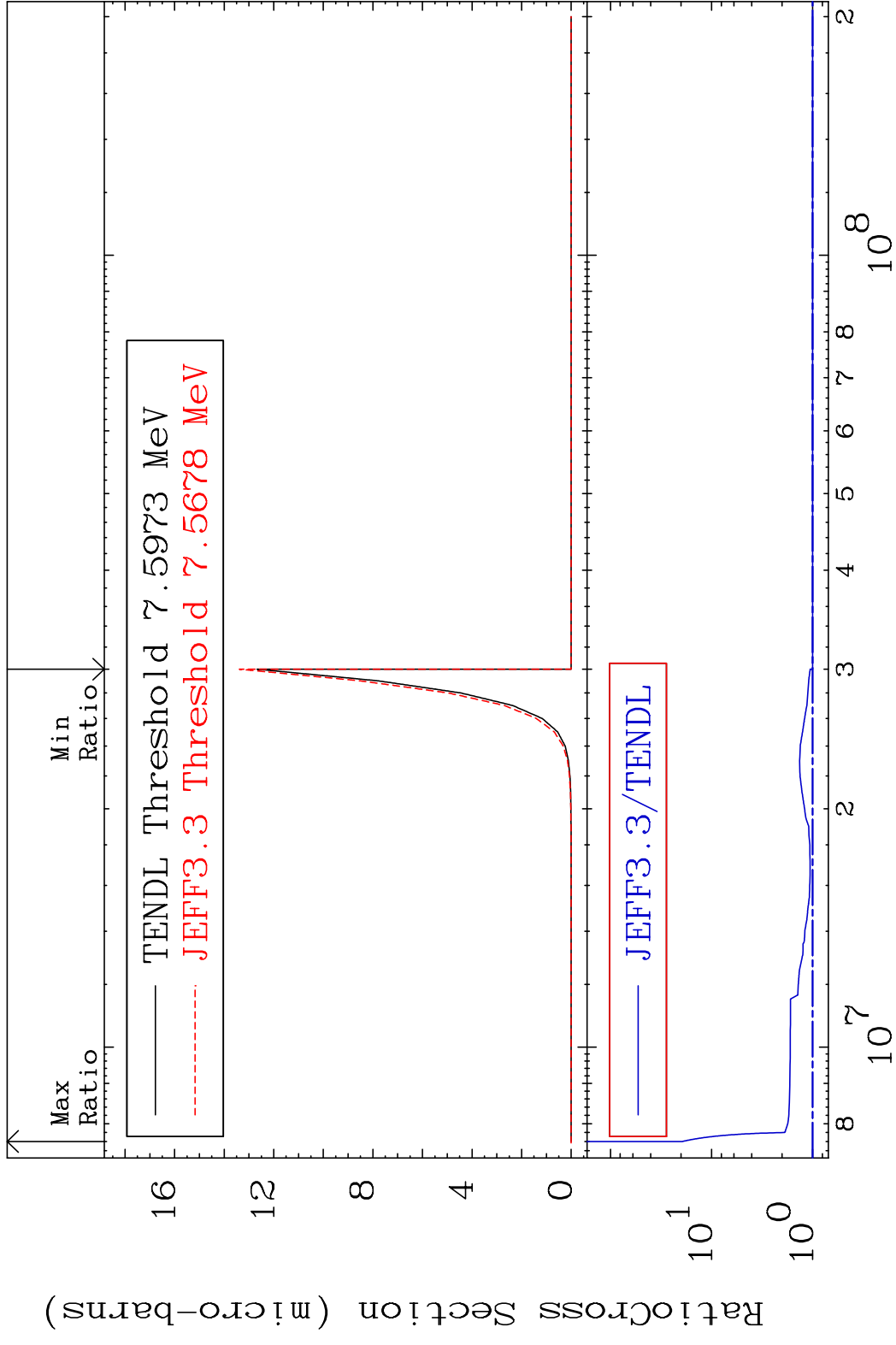


41

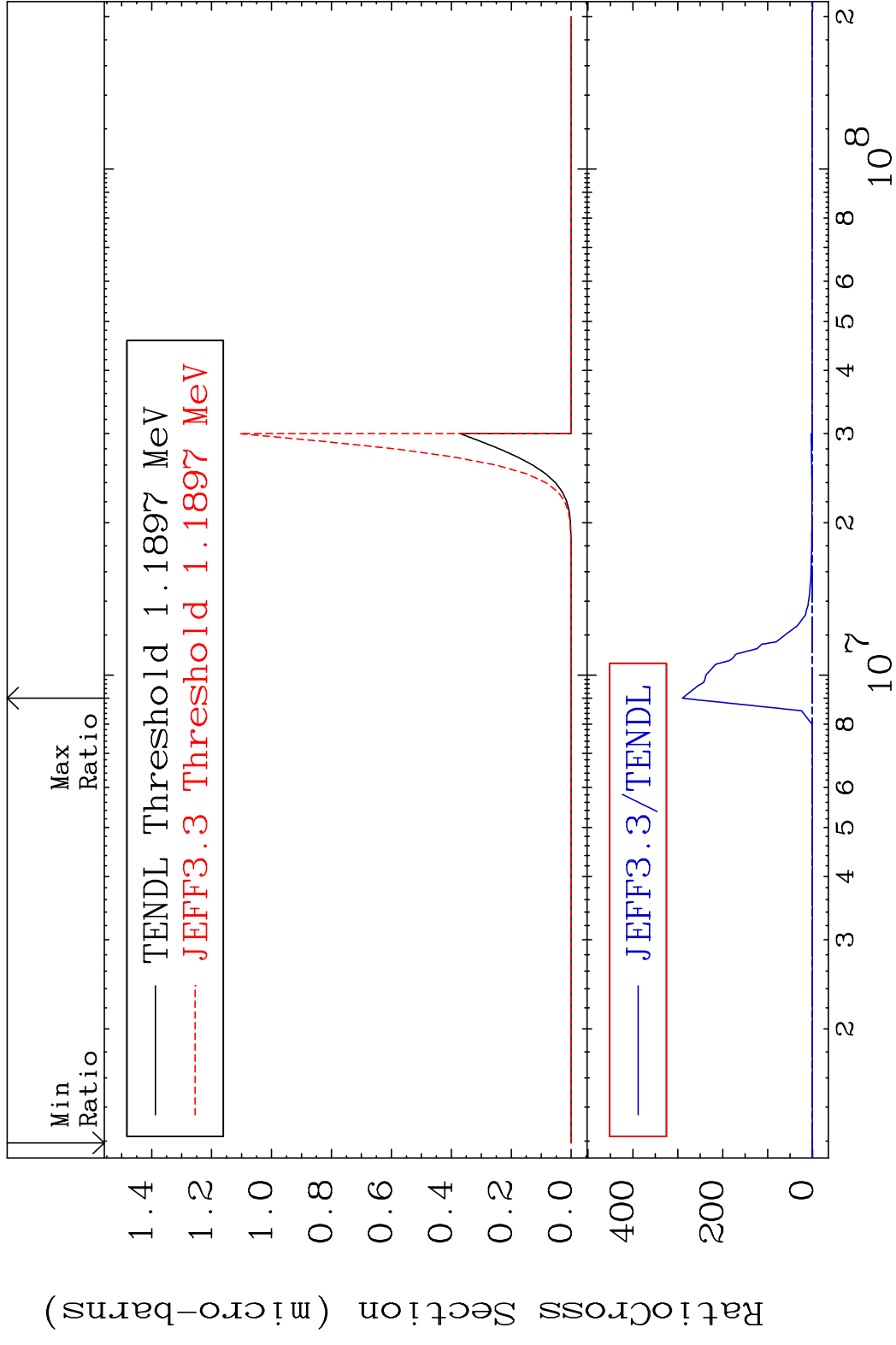
Incident Energy (eV)

55-Cs-134

MAT 5528 (n,2p) 55-Cs-134  
 Cross Section 0.000 To 1843. %



MAT 5528 (n,p)  $\alpha$  55-Cs-134  
 Cross Section -100.0 To 9999. %

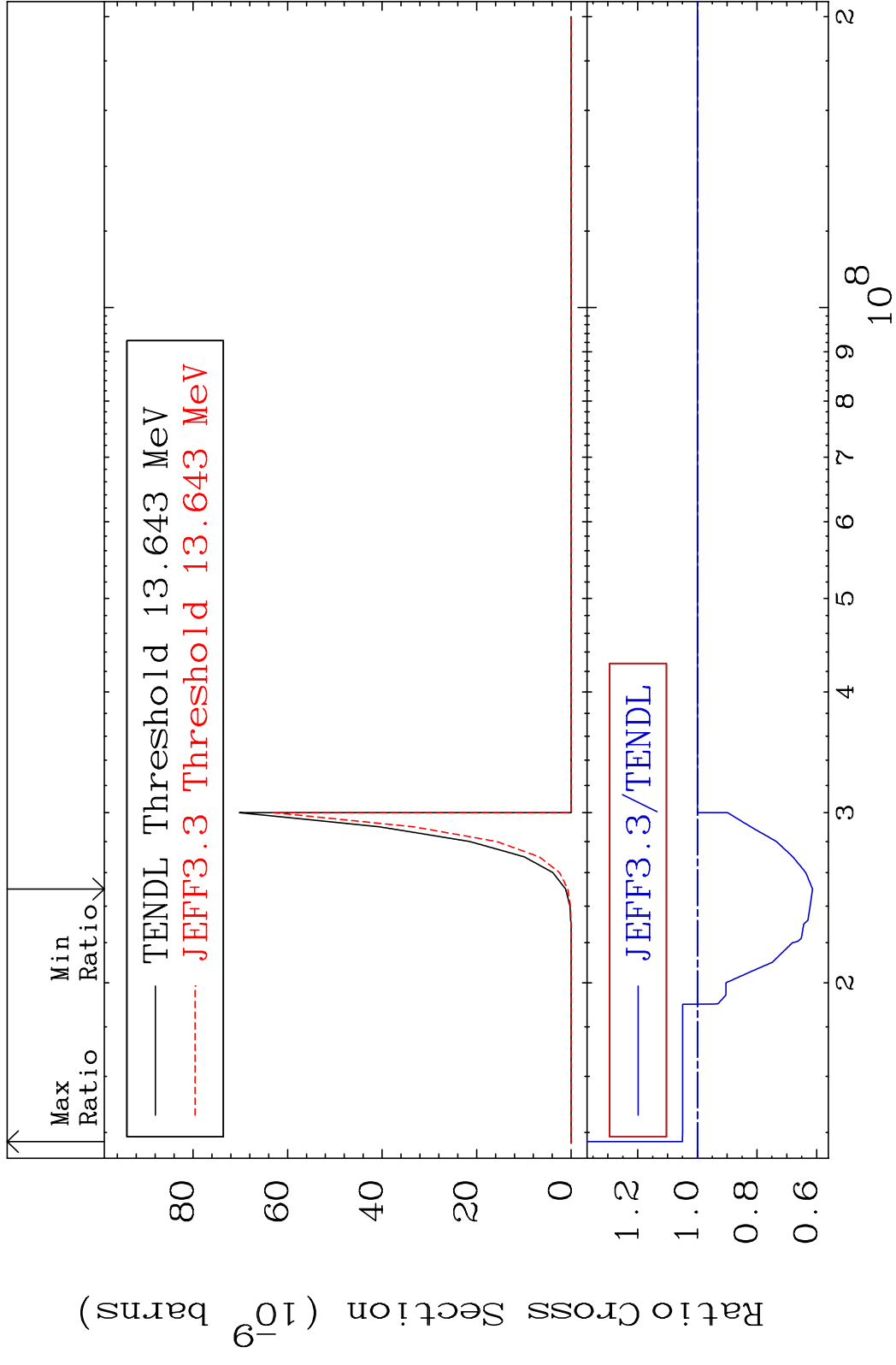


MAT 5528

(n,p) d

55-Cs-134

Cross Section -38.64 To 5.035 %



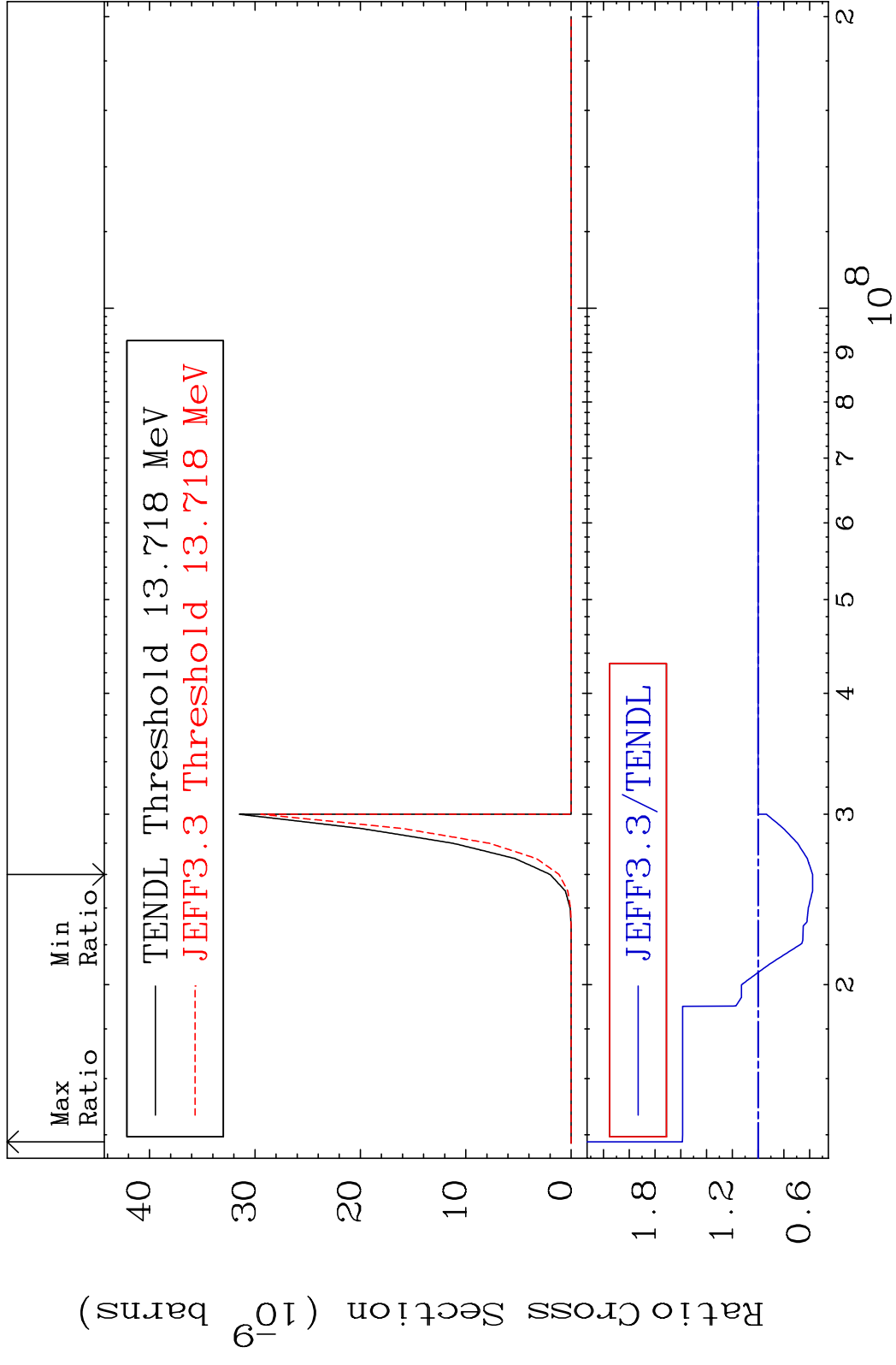
MAT 5528

(n,p) t

55-Cs-134

Cross Section

-42.27 To 58.79 %



45

Incident Energy (eV)

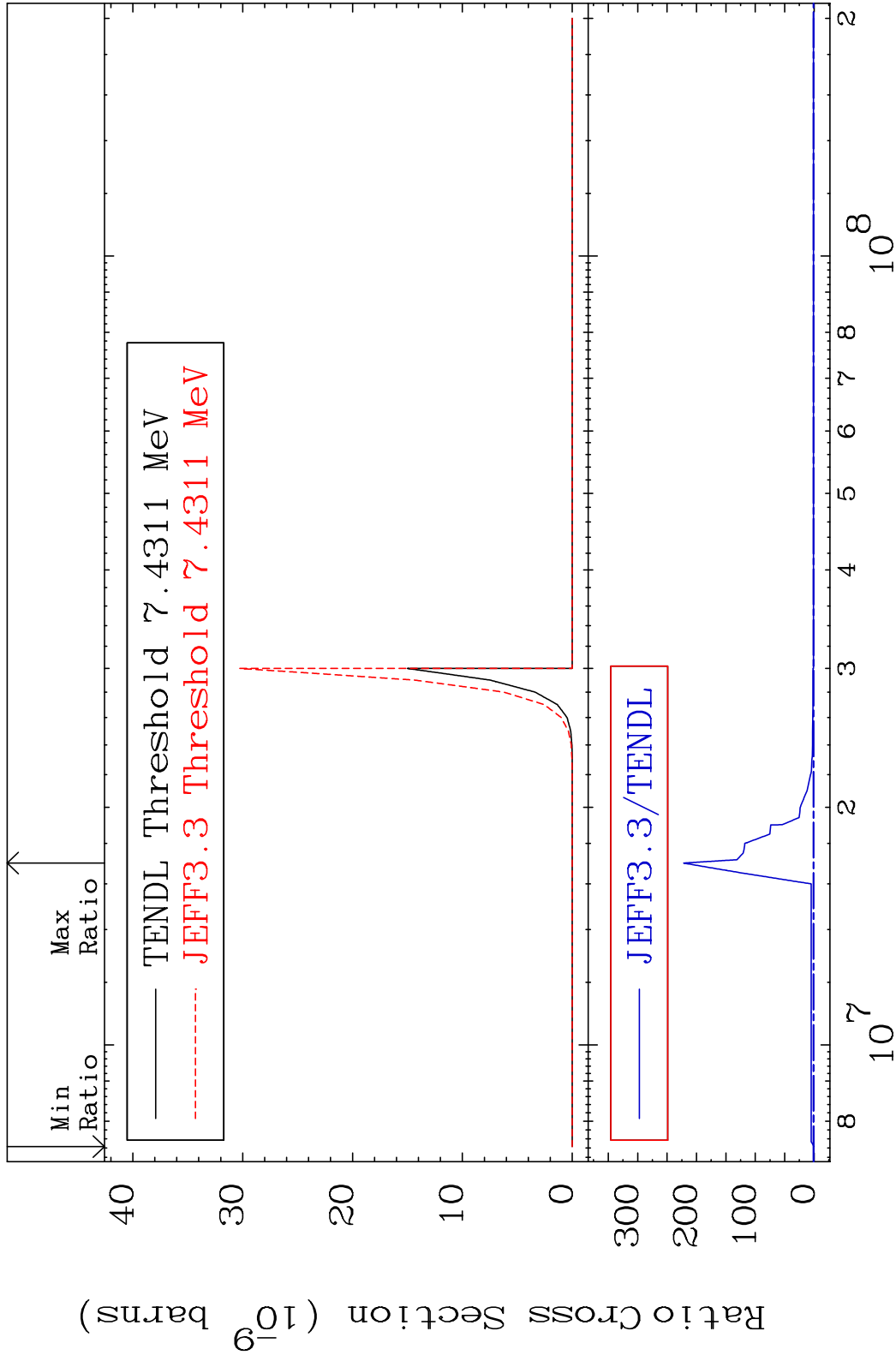
55-Cs-134

MAT 5528

(n,d)  $\alpha$

55-Cs-134

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

55-Cs-134

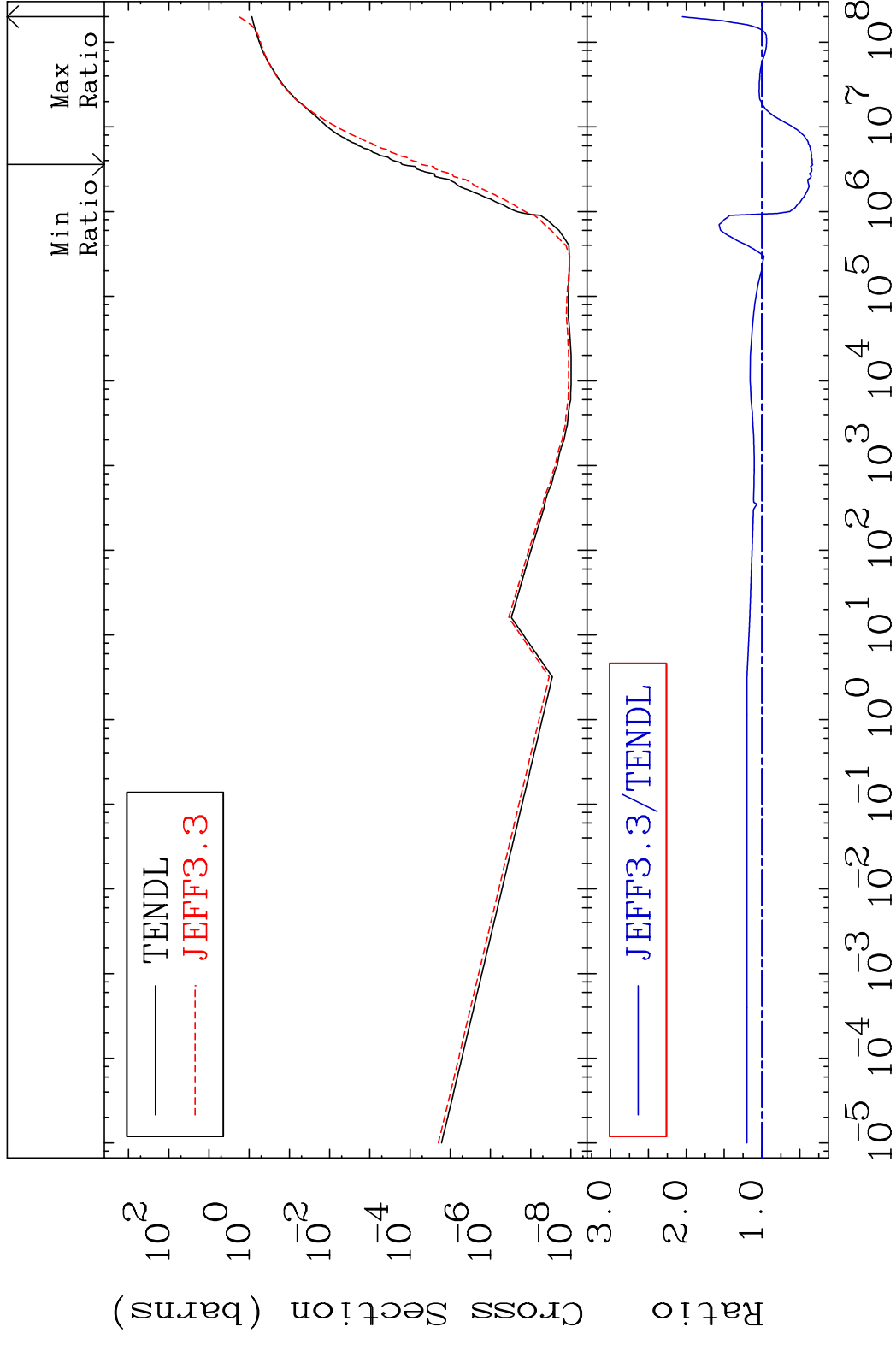
MAT 5528

Hydrogen Production

55-Cs-134

Cross Section

-66.69 To 105.2 %



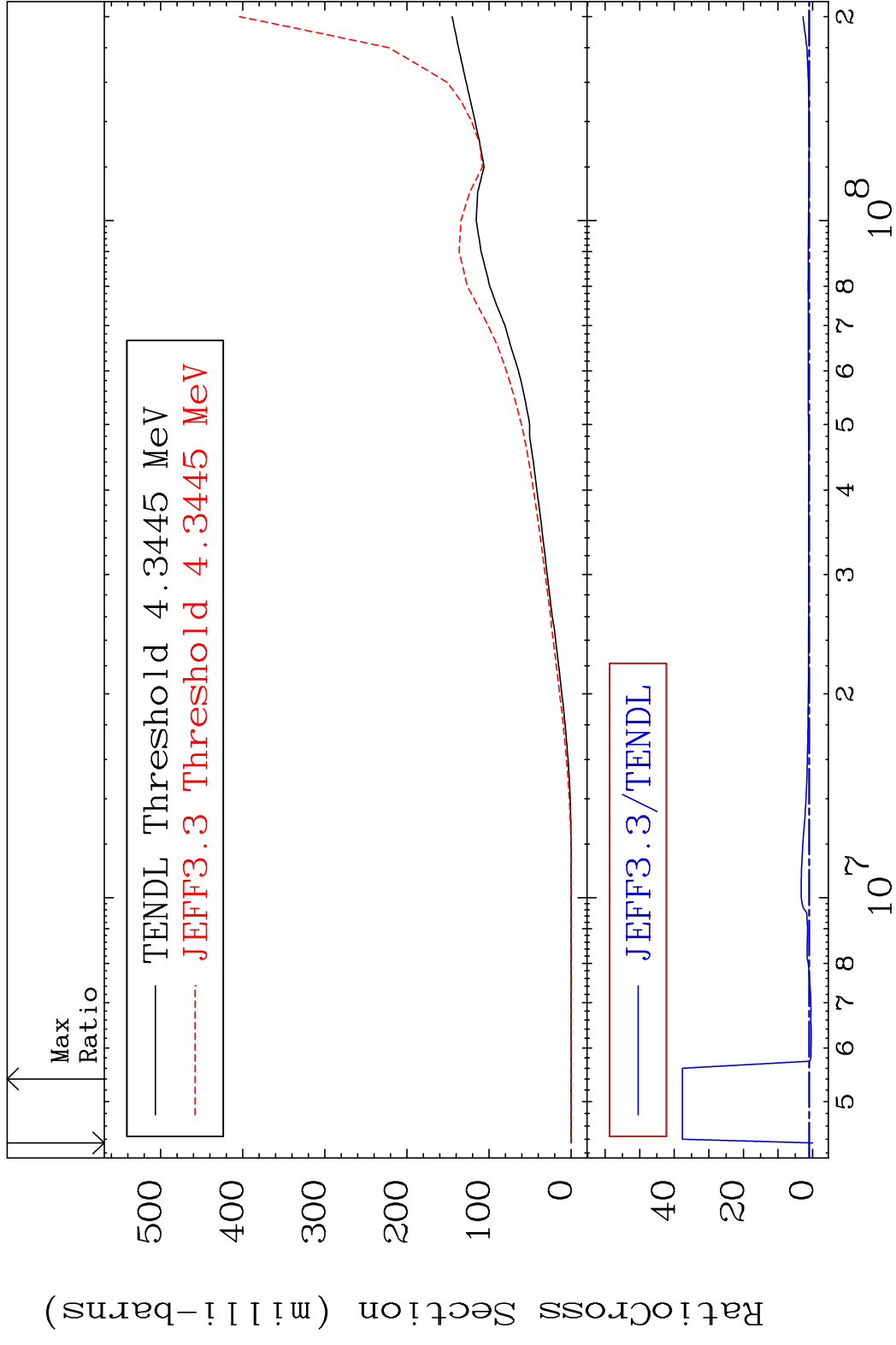


MAT 5528

Deuterium Production

55-Cs-134

Cross Section -100.0 To 3665. %



48

Incident Energy (eV)

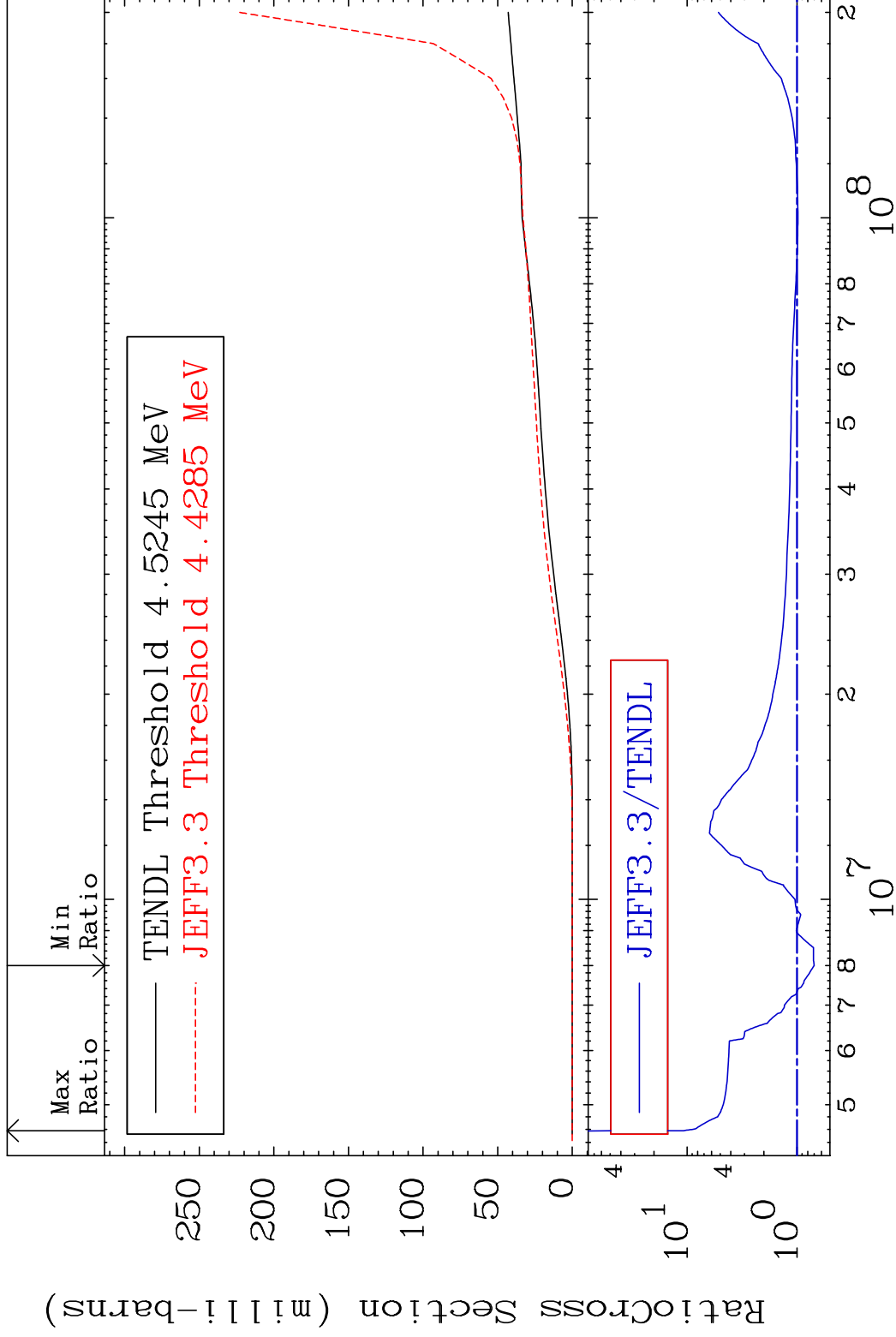
55-Cs-134

MAT 5528

Tritium Production

55-Cs-134

Cross Section -29.96 To 973.4 %



49

Incident Energy (eV)

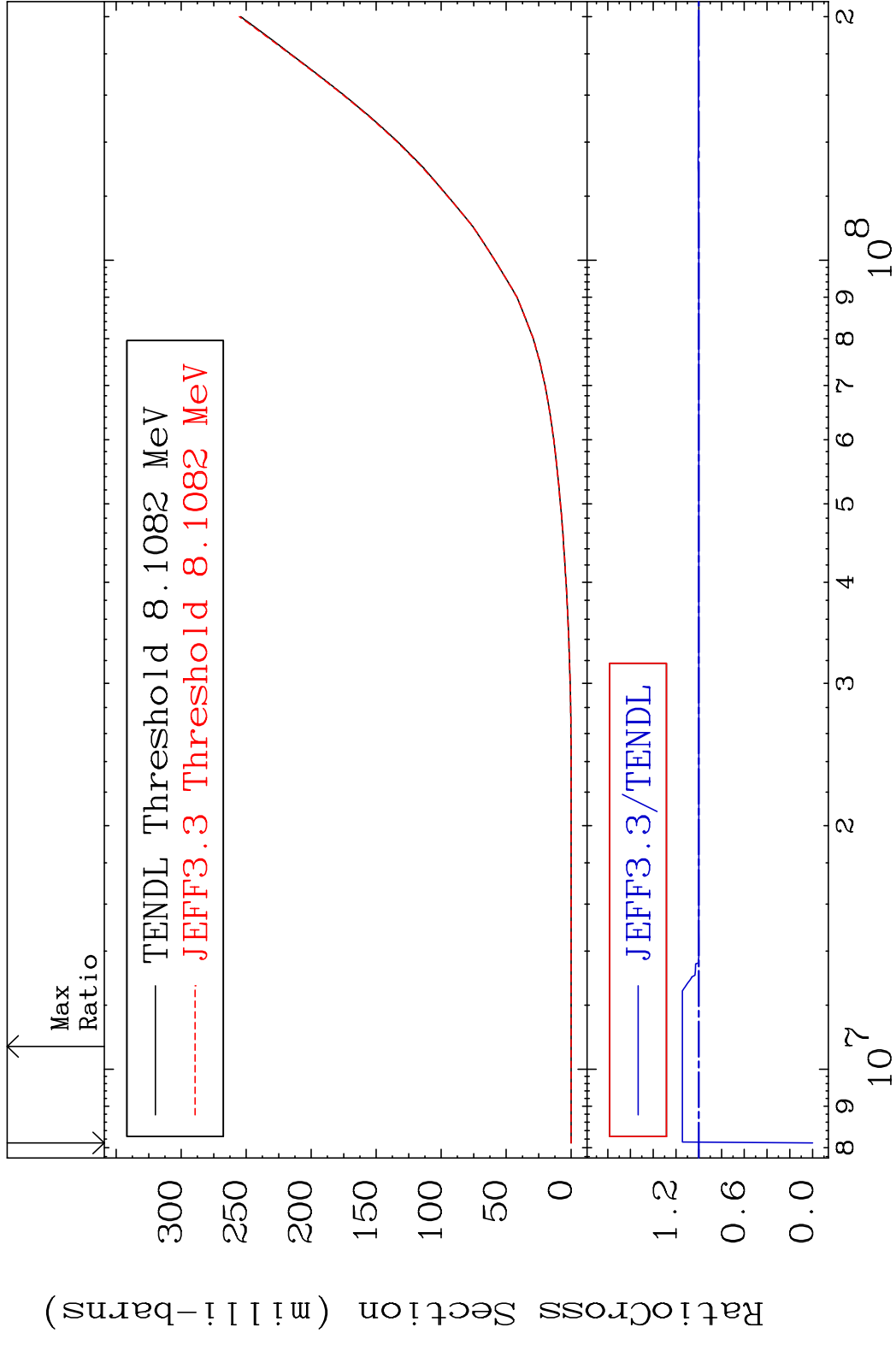
55-Cs-134

MAT 5528

He-3 Production

55-Cs-134

Cross Section -100.0 To 14.43 %



50

Incident Energy (eV)

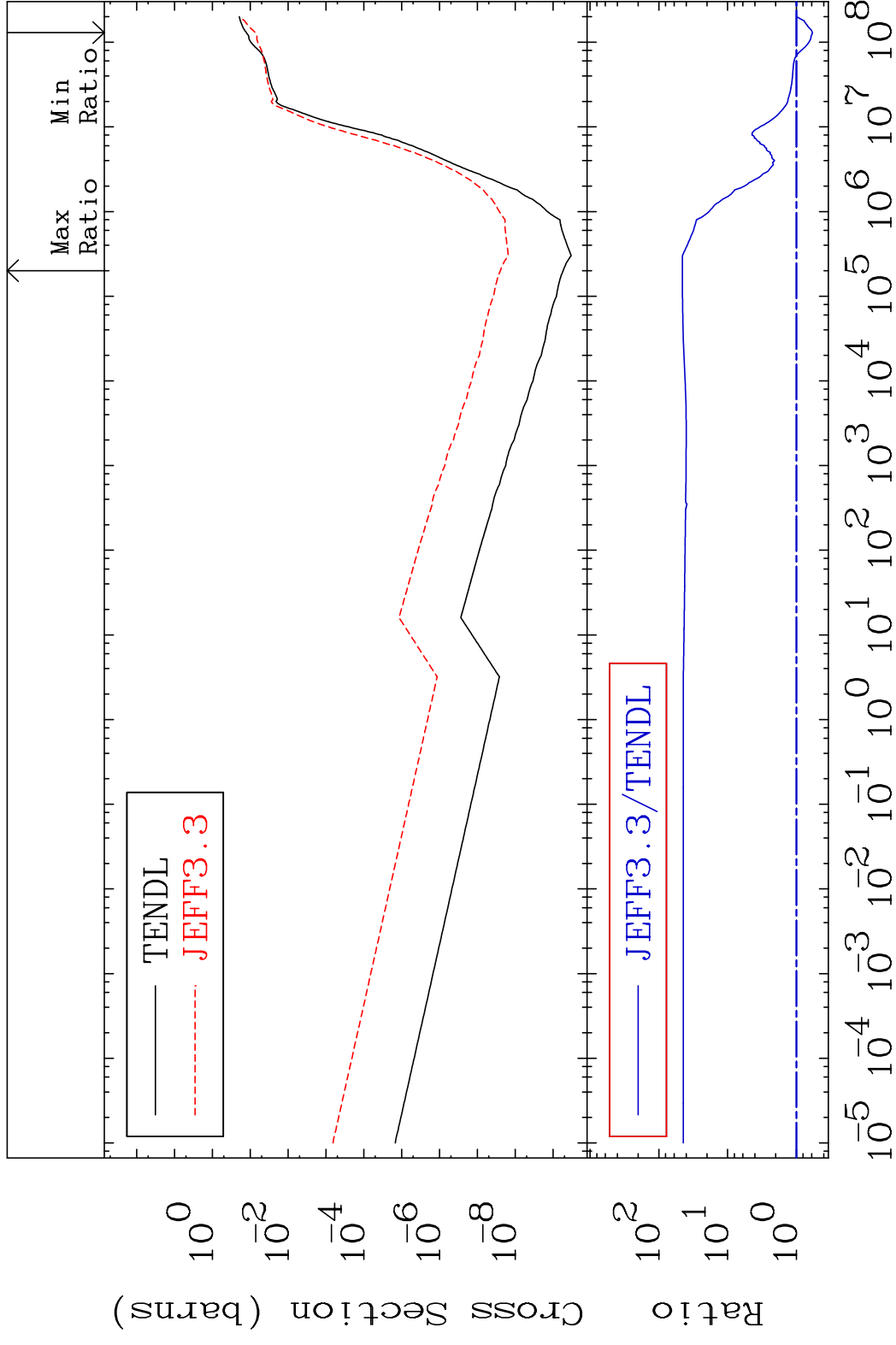
55-Cs-134

MAT 5528

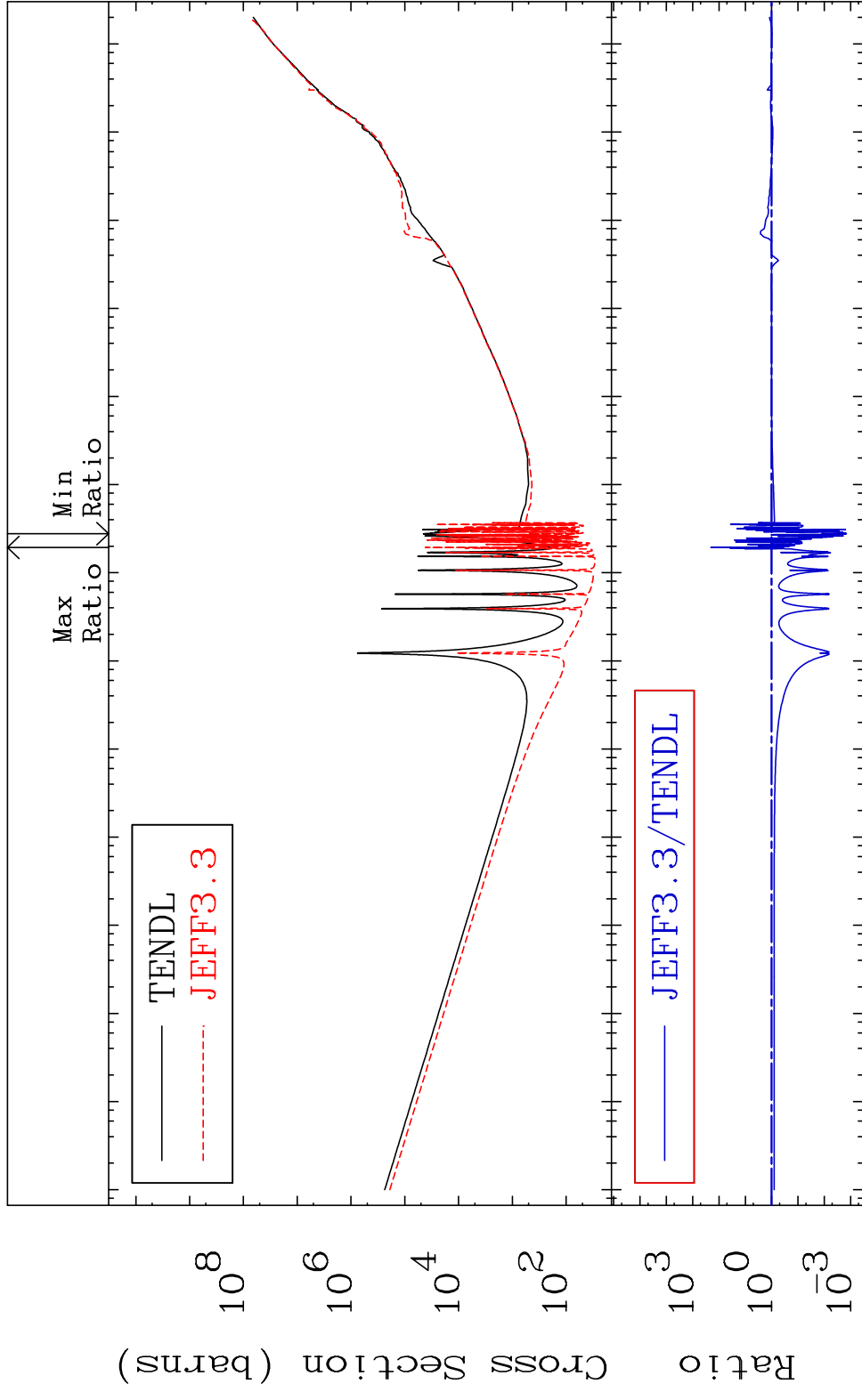
He-4 Production

55-Cs-134

Cross Section -41.81 To 4457. %



MAT 5528 Kerma total (eV-barns) 55-Cs-134  
 Cross Section -99.85 To 9999. %



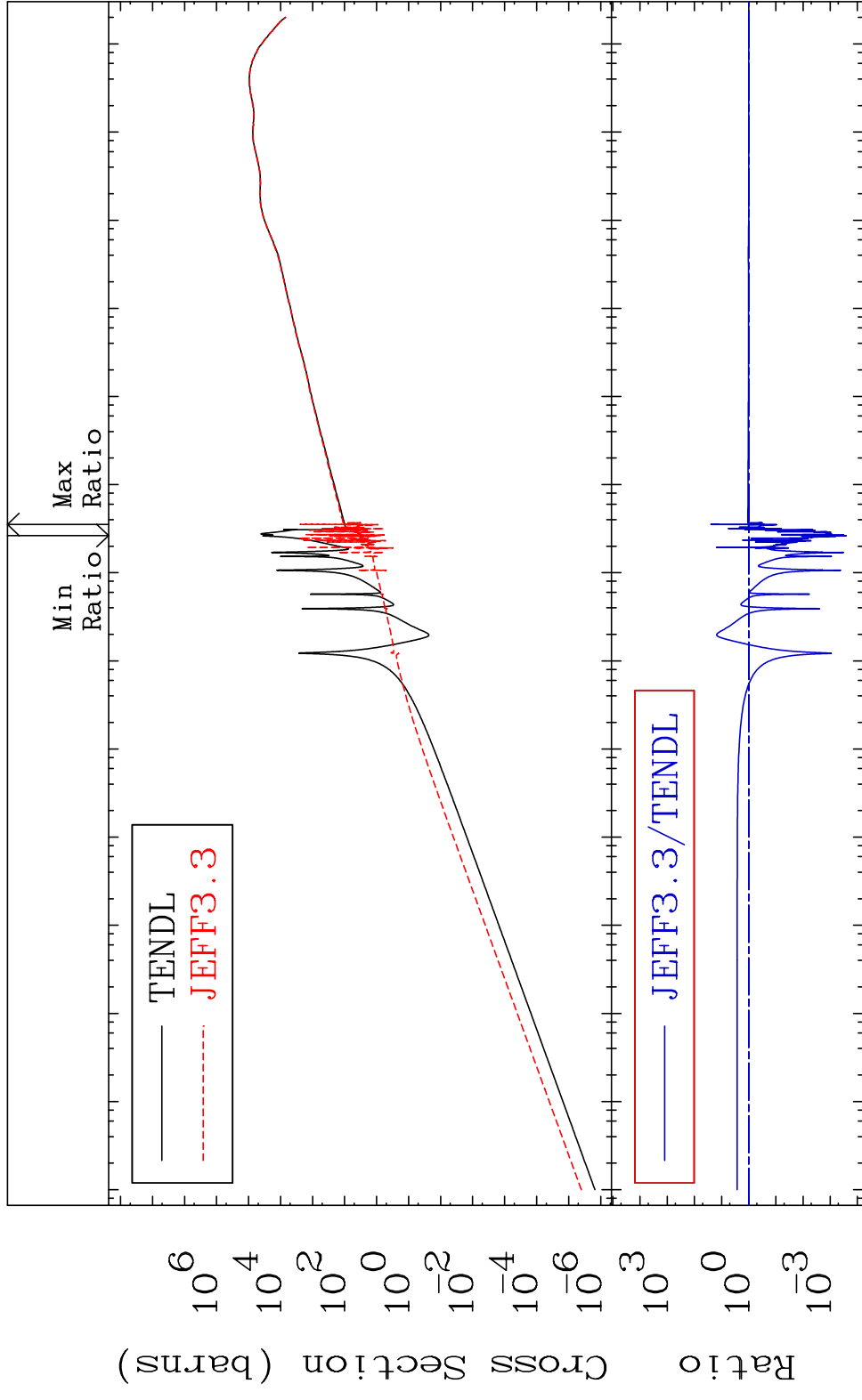
MAT 5528

Kerma elastic

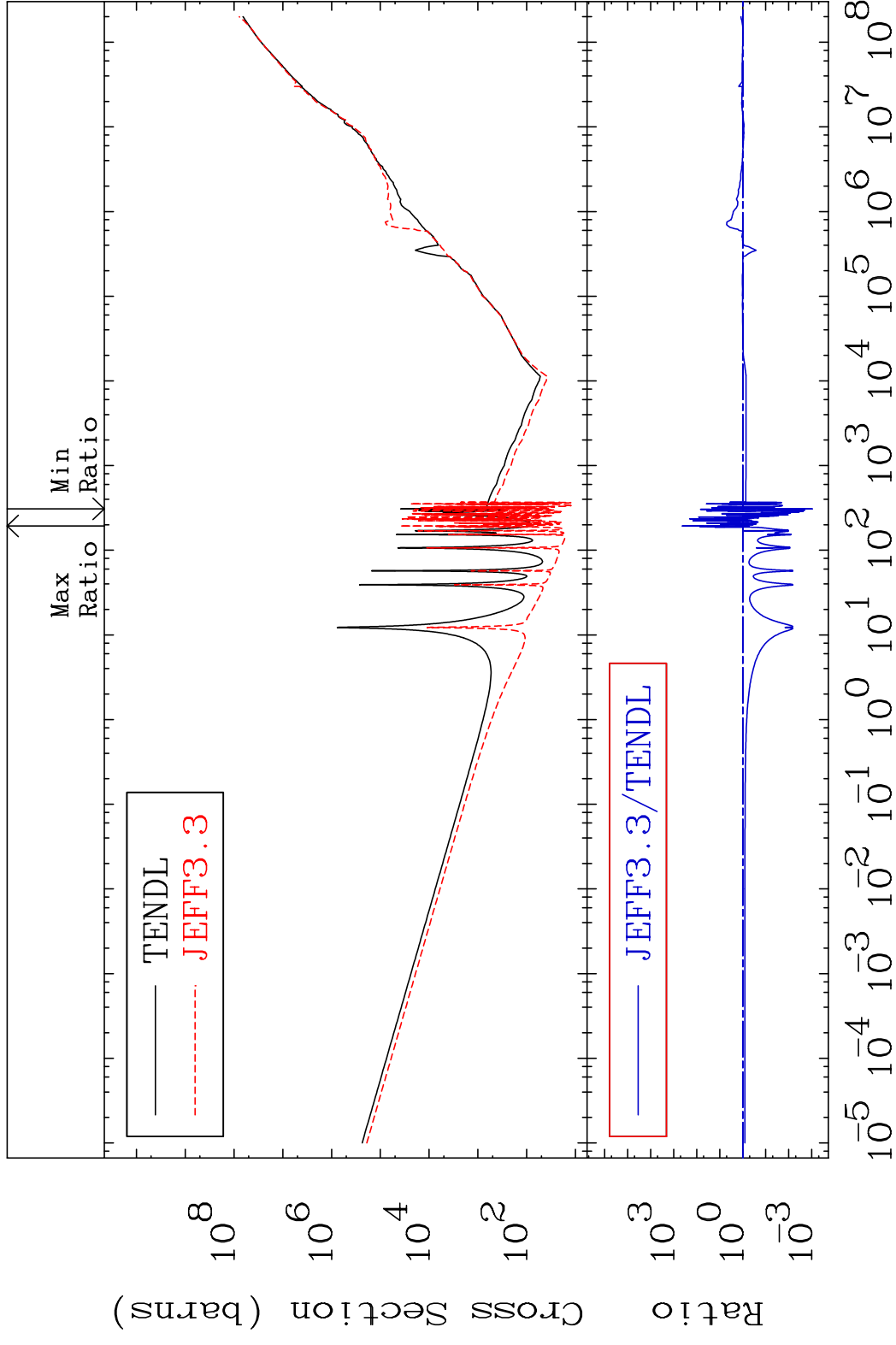
55-Cs-134

Cross Section

-99.97 To 2409. %

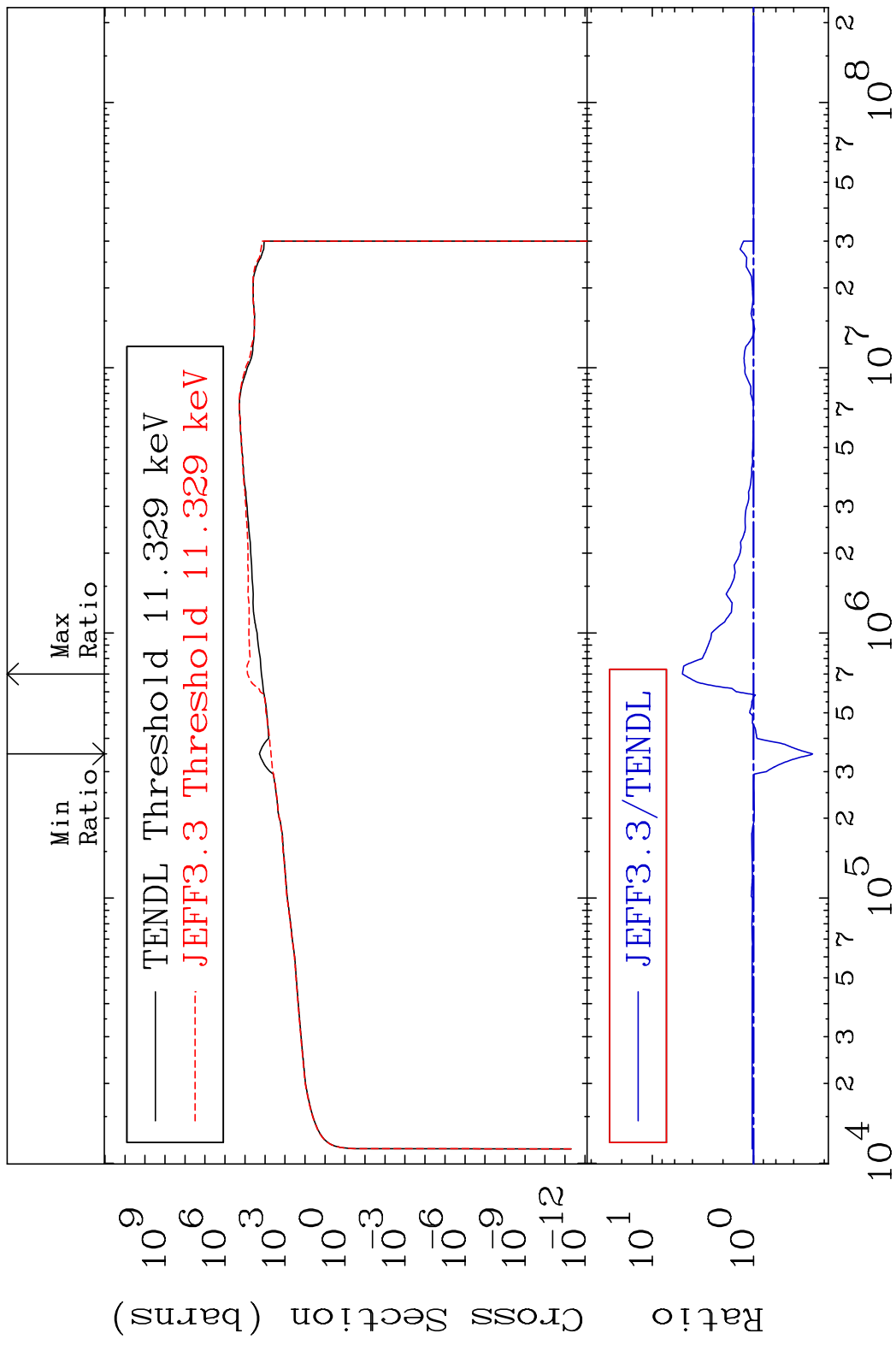


MAT 5528 Kerma non-elastic (all but mt2) 55-Cs-134  
 Cross Section -99.91 To 9999. %



54 Incident Energy (eV) 55-Cs-134

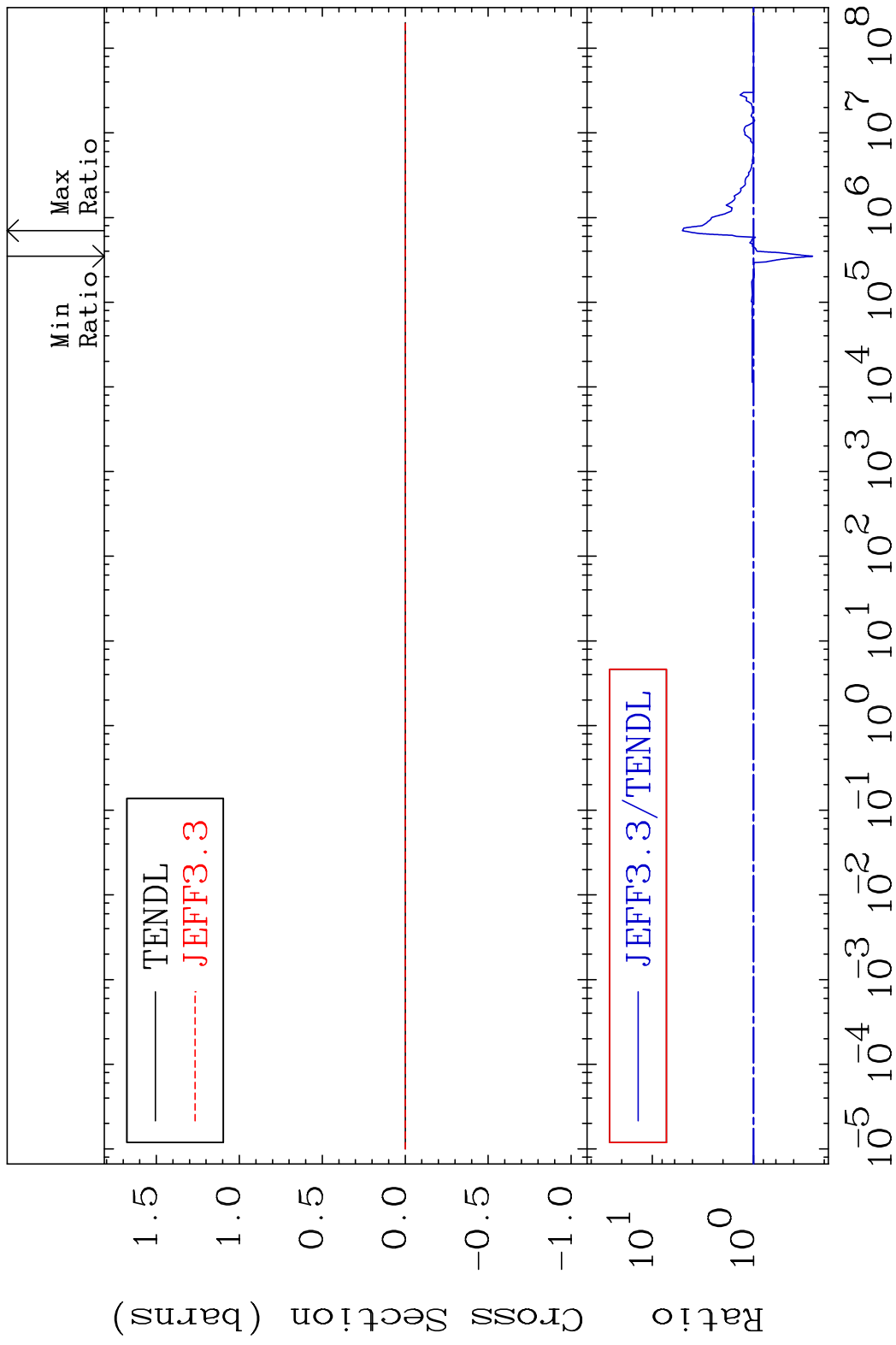
MAT 5528 Kerma inelastic (mt51-91) 55-Cs-134  
 Cross Section -73.92 To 403.9 %



55 Incident Energy (eV) 55-Cs-134



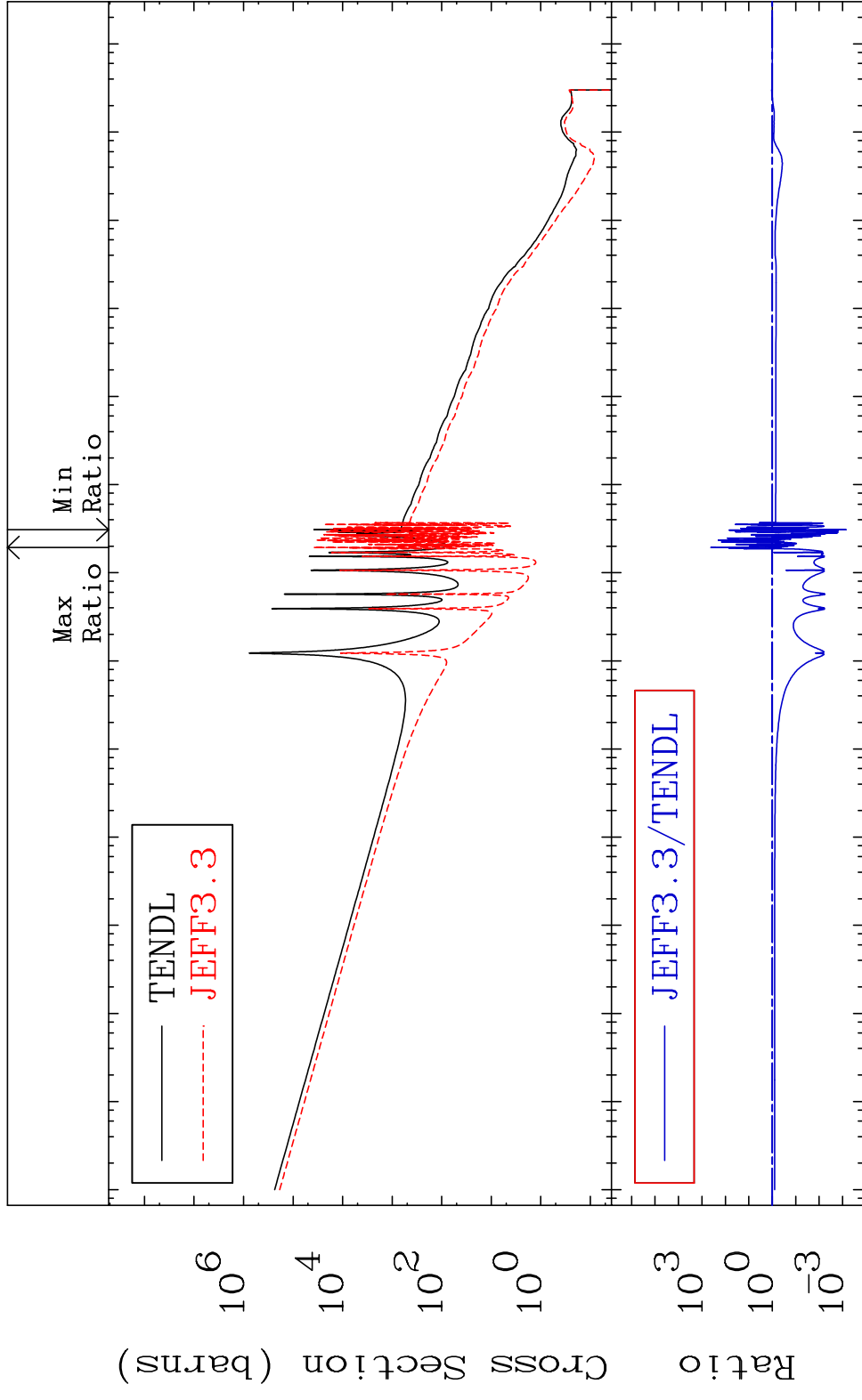
MAT 5528 Kerma fission (mt18 or mt19-20-21-38) 55-Cs-134  
 Cross Section -73.92 To 403.9 %



MAT 5528

Kerma capture (mt102) 55-Cs-134

Cross Section -99.93 To 9999. %

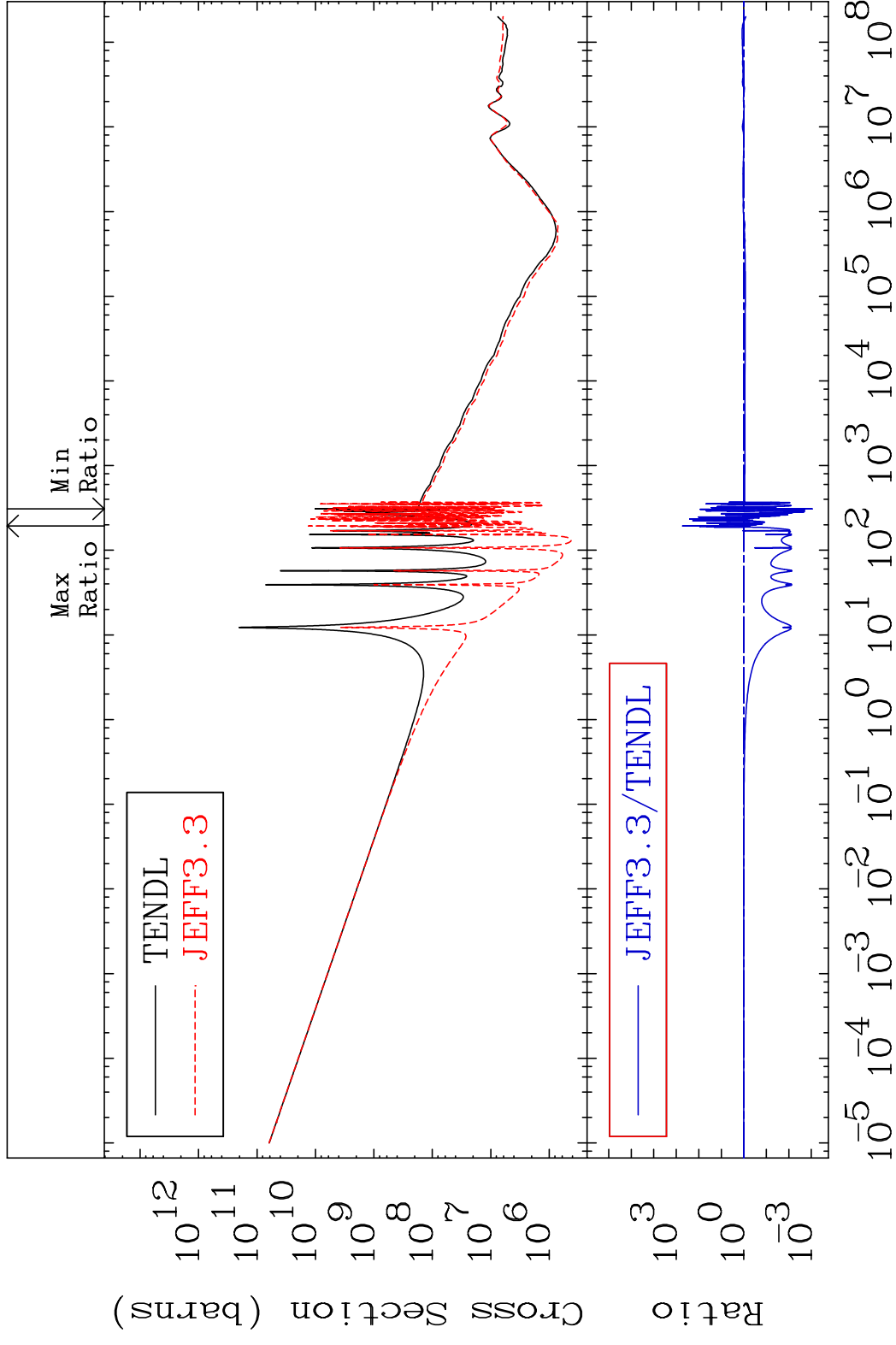


57

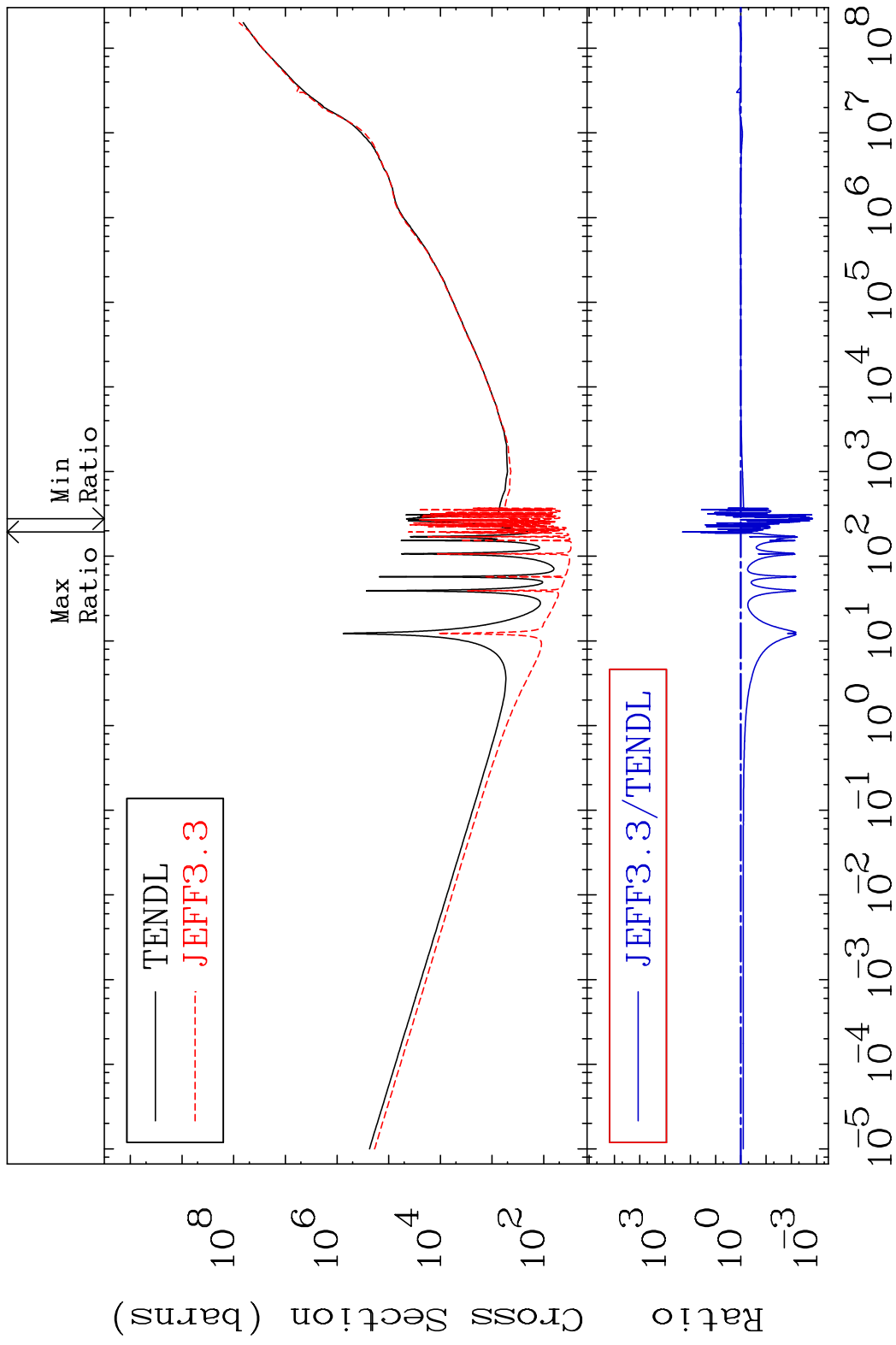
Incident Energy (eV)

55-Cs-134

MAT 5528 Total photon (eV-barns) 55-Cs-134  
 Cross Section -99.91 To 9999. %



MAT 5528 Total kinematic kerma (high limit) 55-Cs-134  
 Cross Section -99.85 To 9999. %

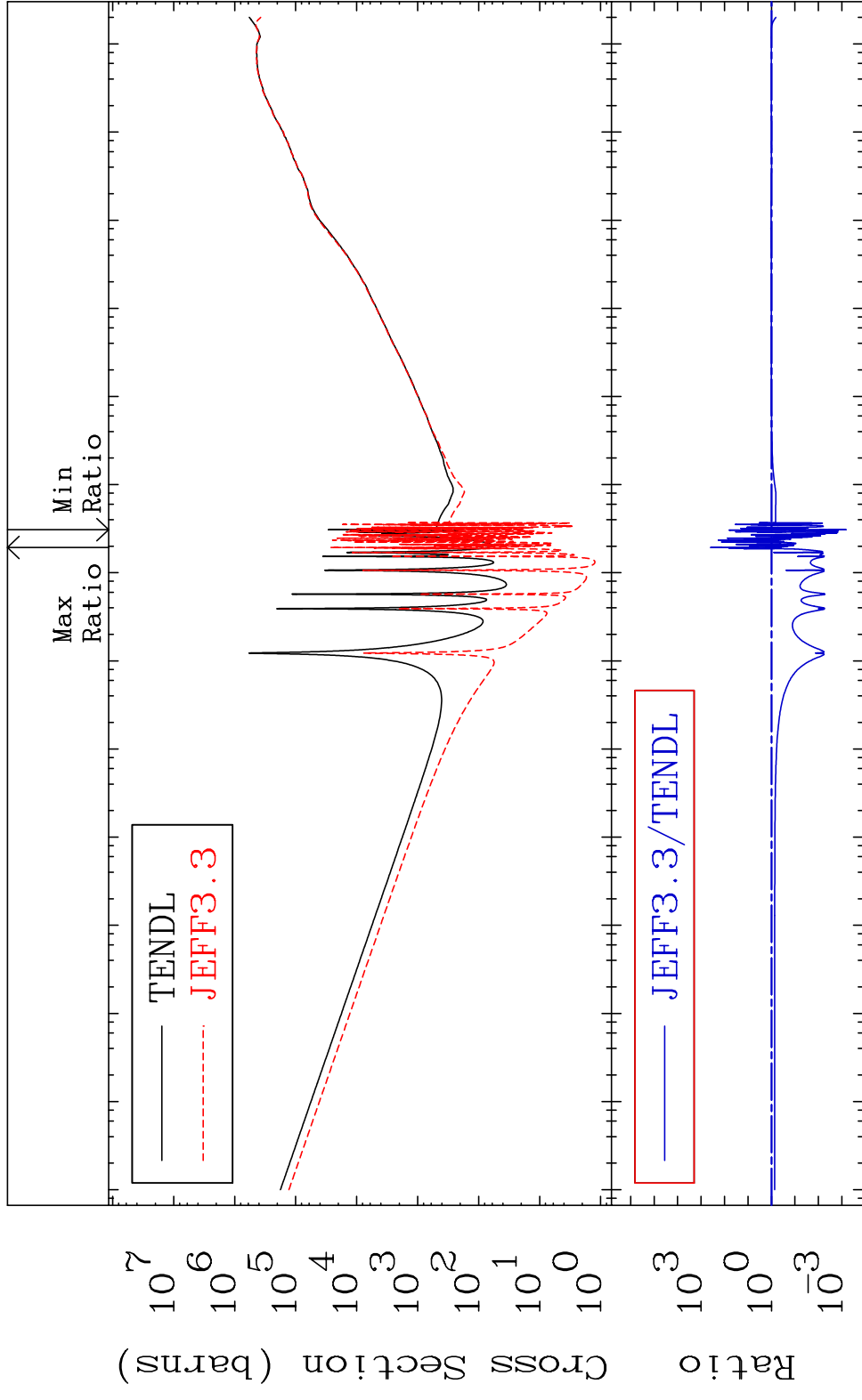


MAT 5528

Dpa total (eV-barns)

55-Cs-134

Cross Section -99.94 To 9999. %



60

Incident Energy (eV)

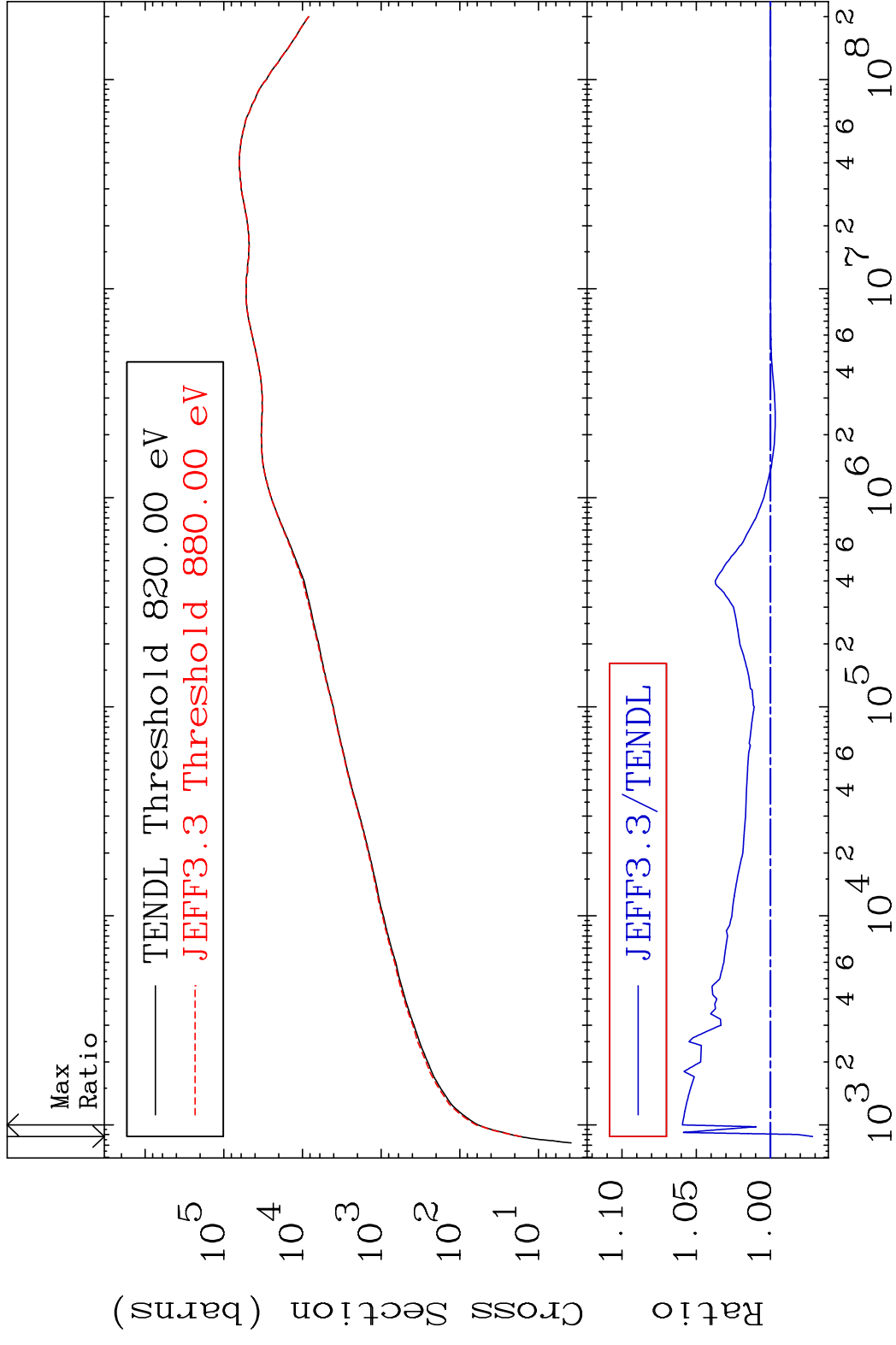
55-Cs-134

MAT 5528

Dpa elastic (mt2)

55-Cs-134

Cross Section -2.828 To 5.932 %



61

Incident Energy (eV)

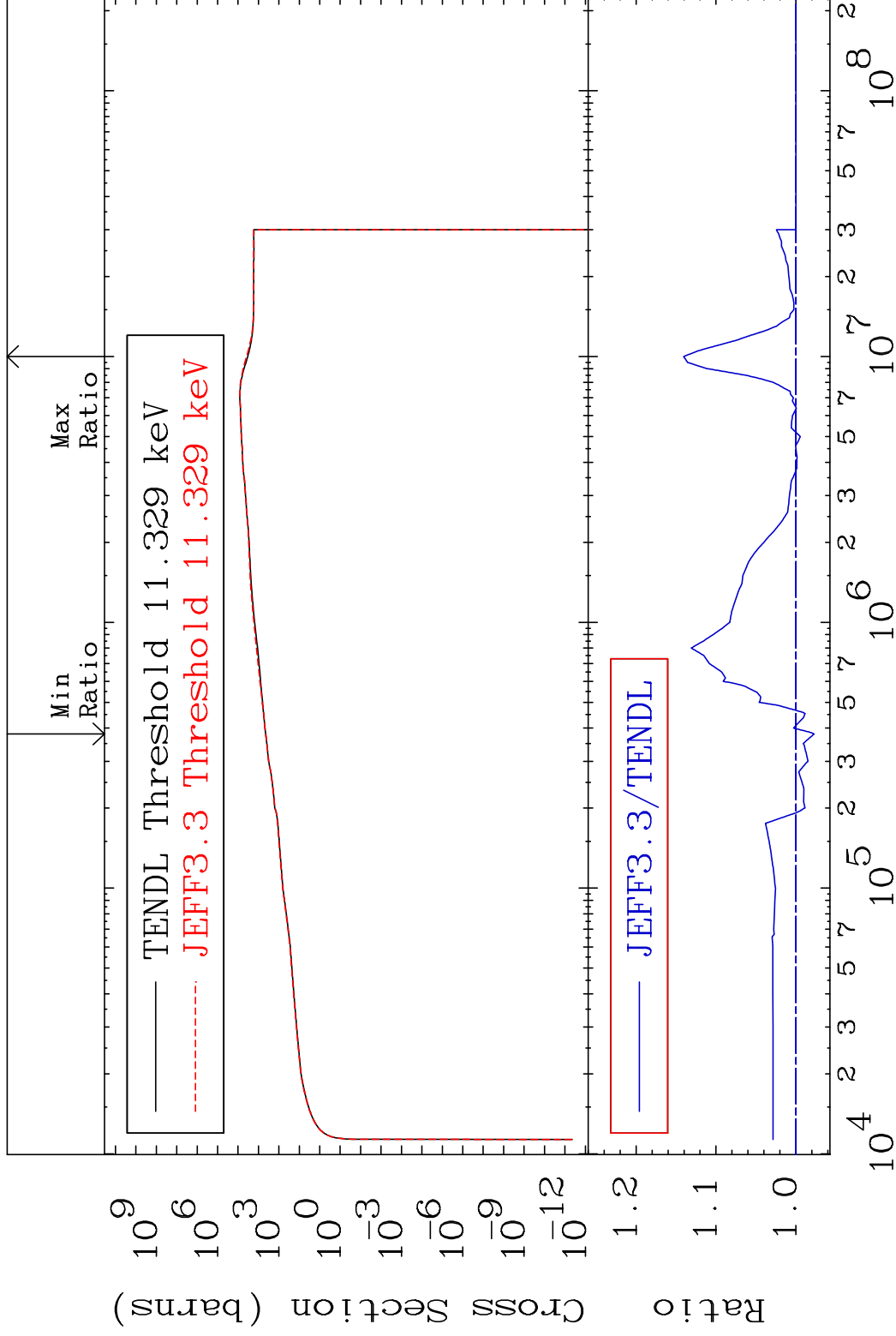
55-Cs-134

MAT 5528

Dpa inelastic (mt51-91)

55-Cs-134

Cross Section -2.281 To 14.05 %

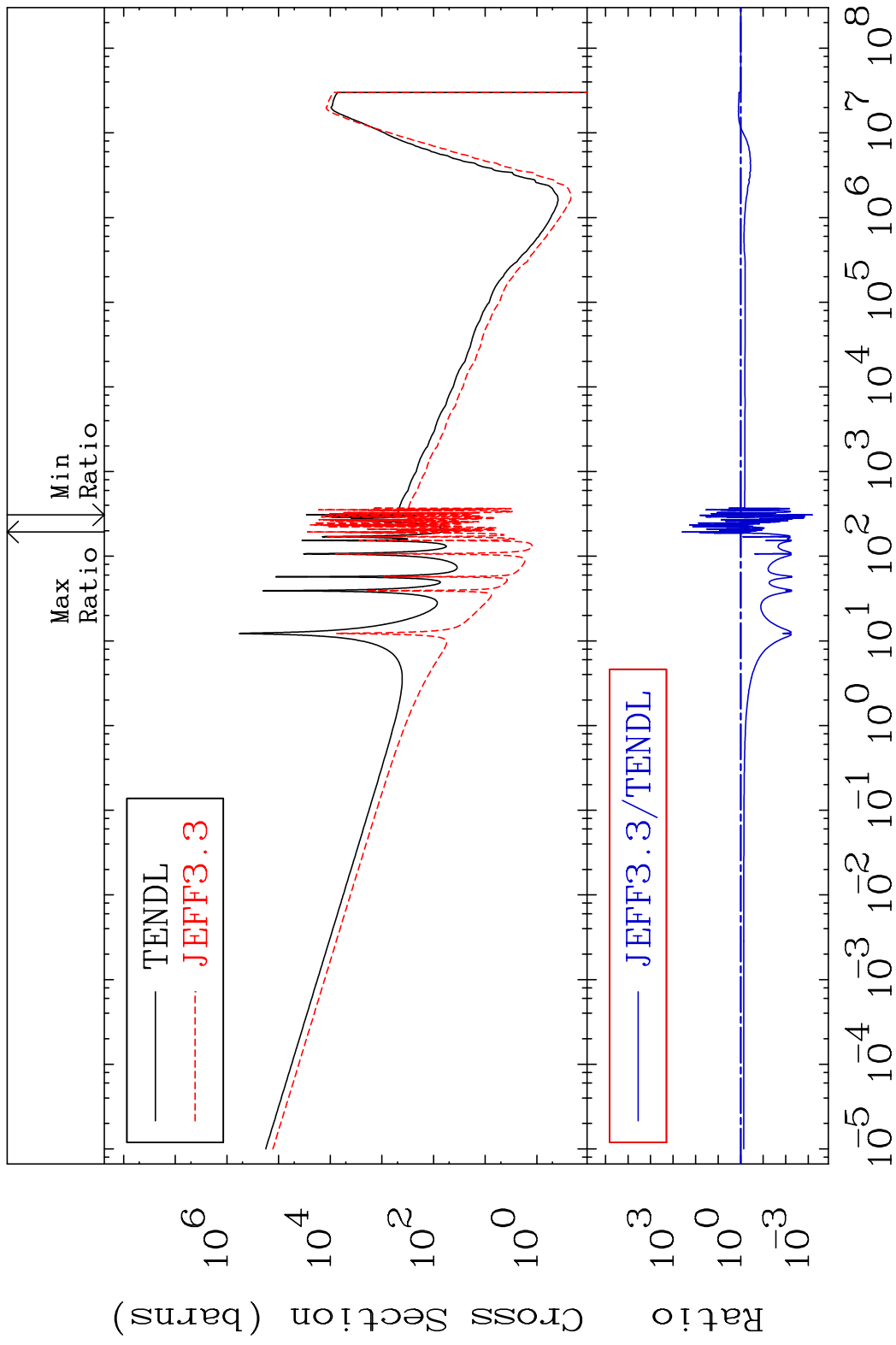


62

Incident Energy (eV)

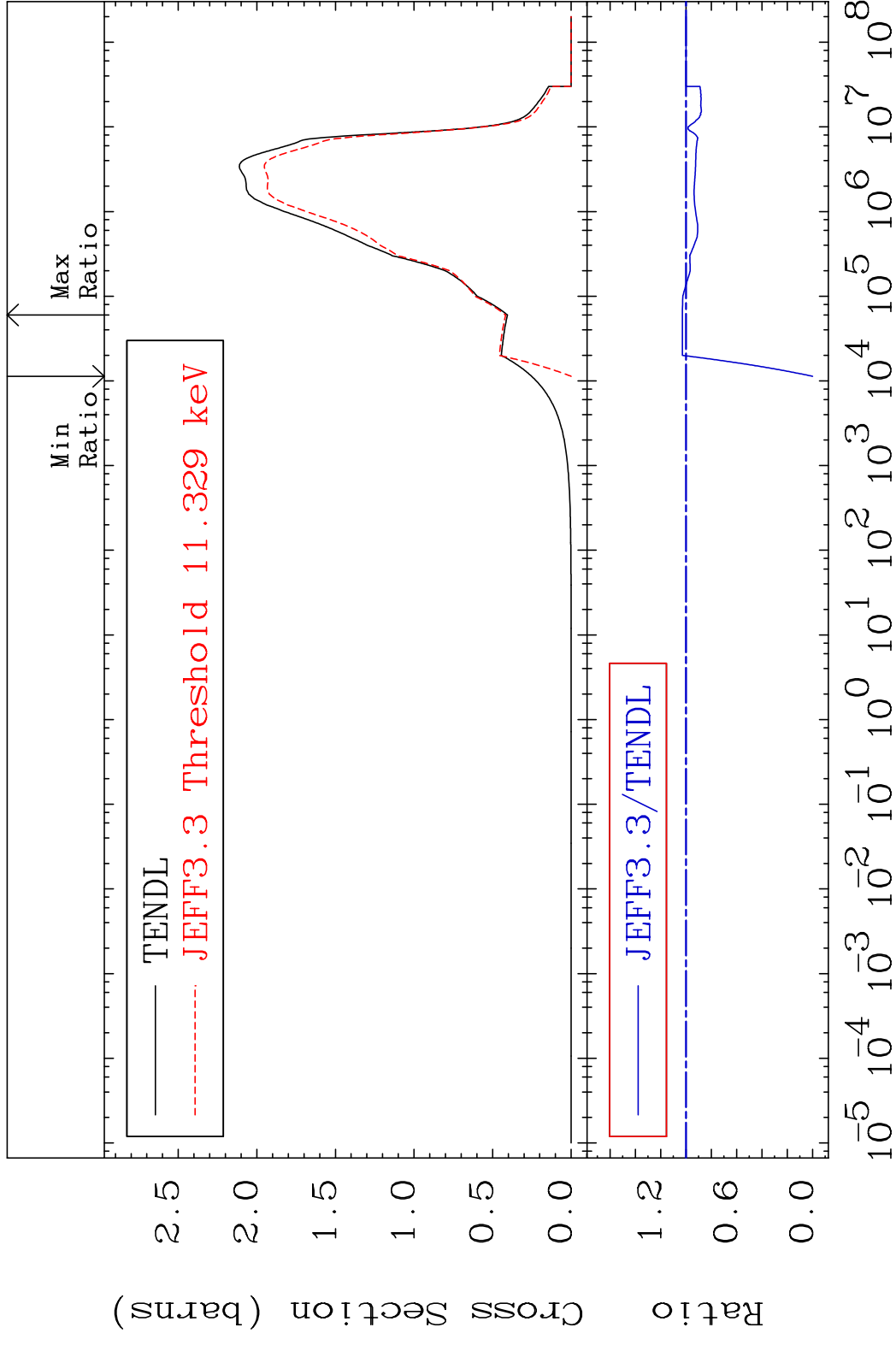
55-Cs-134

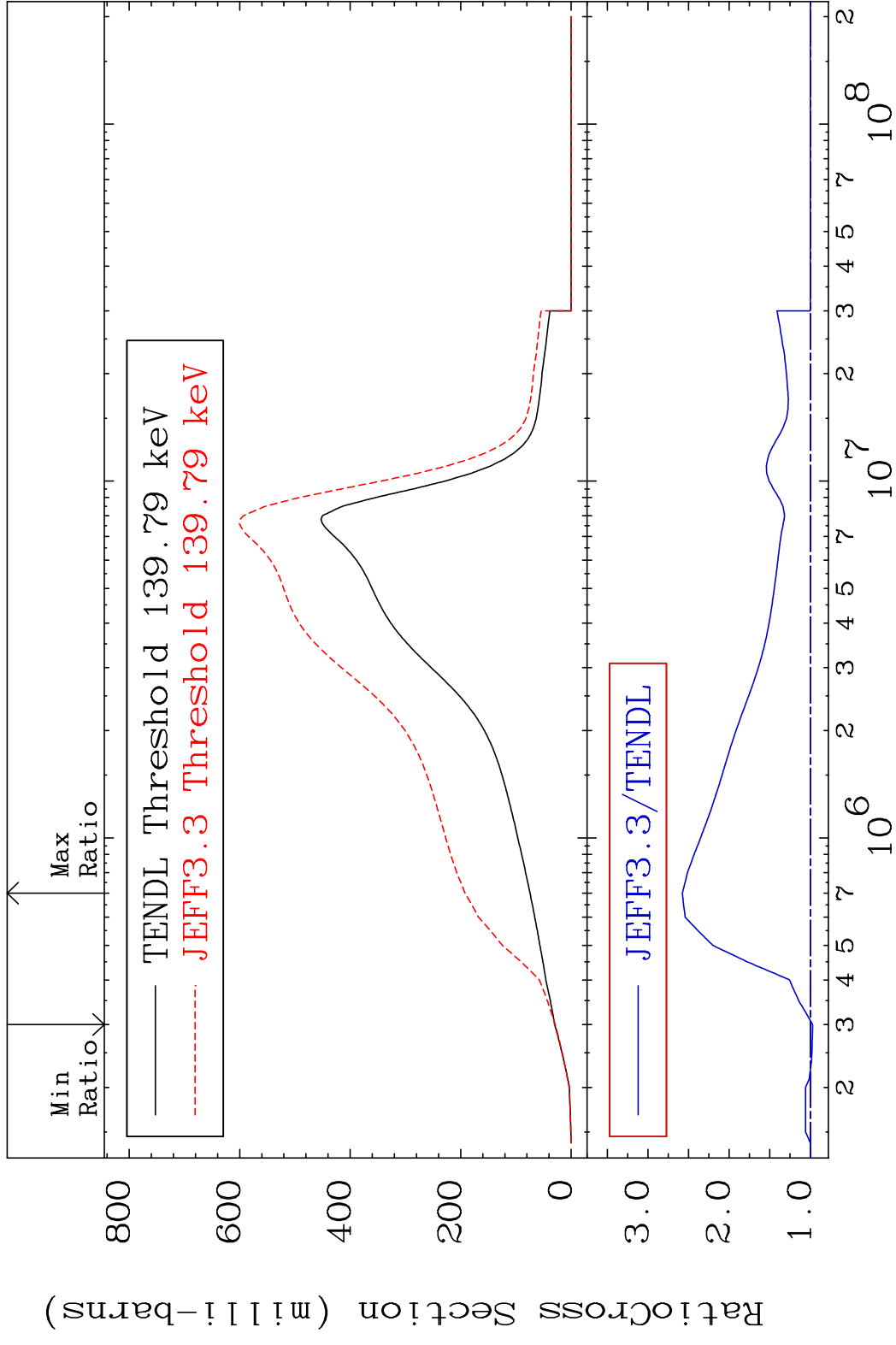
MAT 5528 Dpa disappearance (mt102 -120) 55-Cs-134  
 Cross Section -99.94 To 9999. %

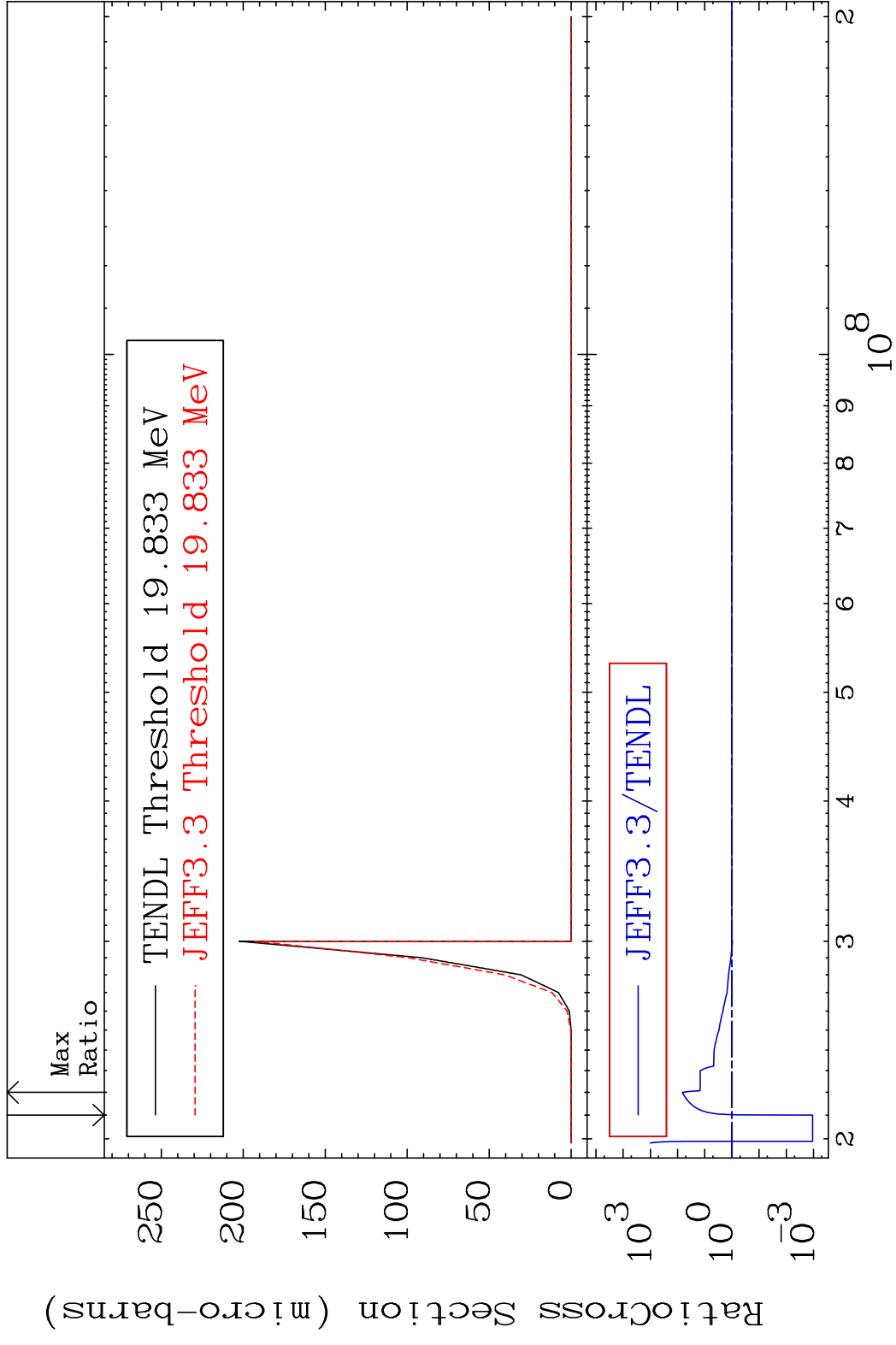


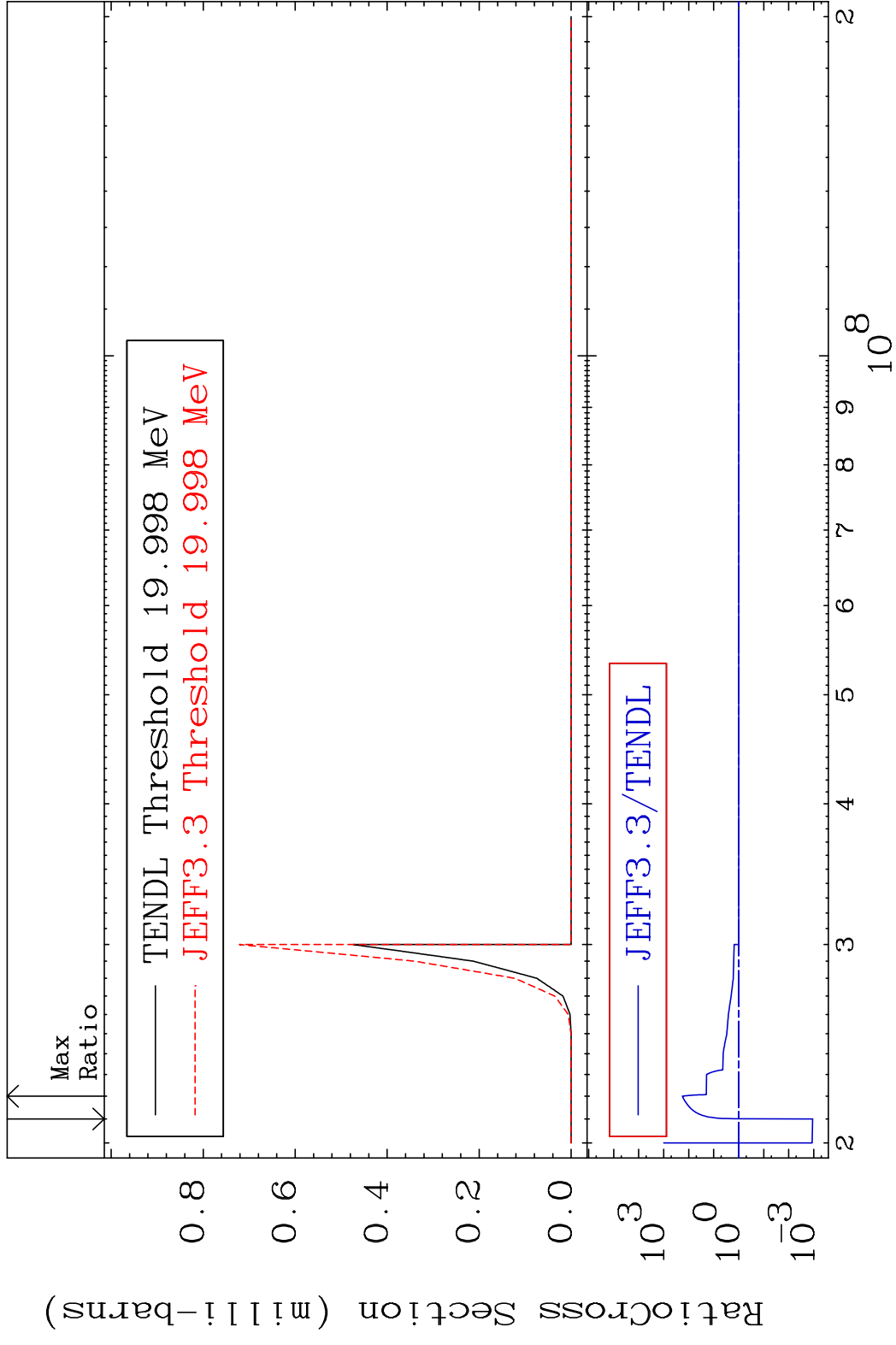
63 Incident Energy (eV) 55-Cs-134



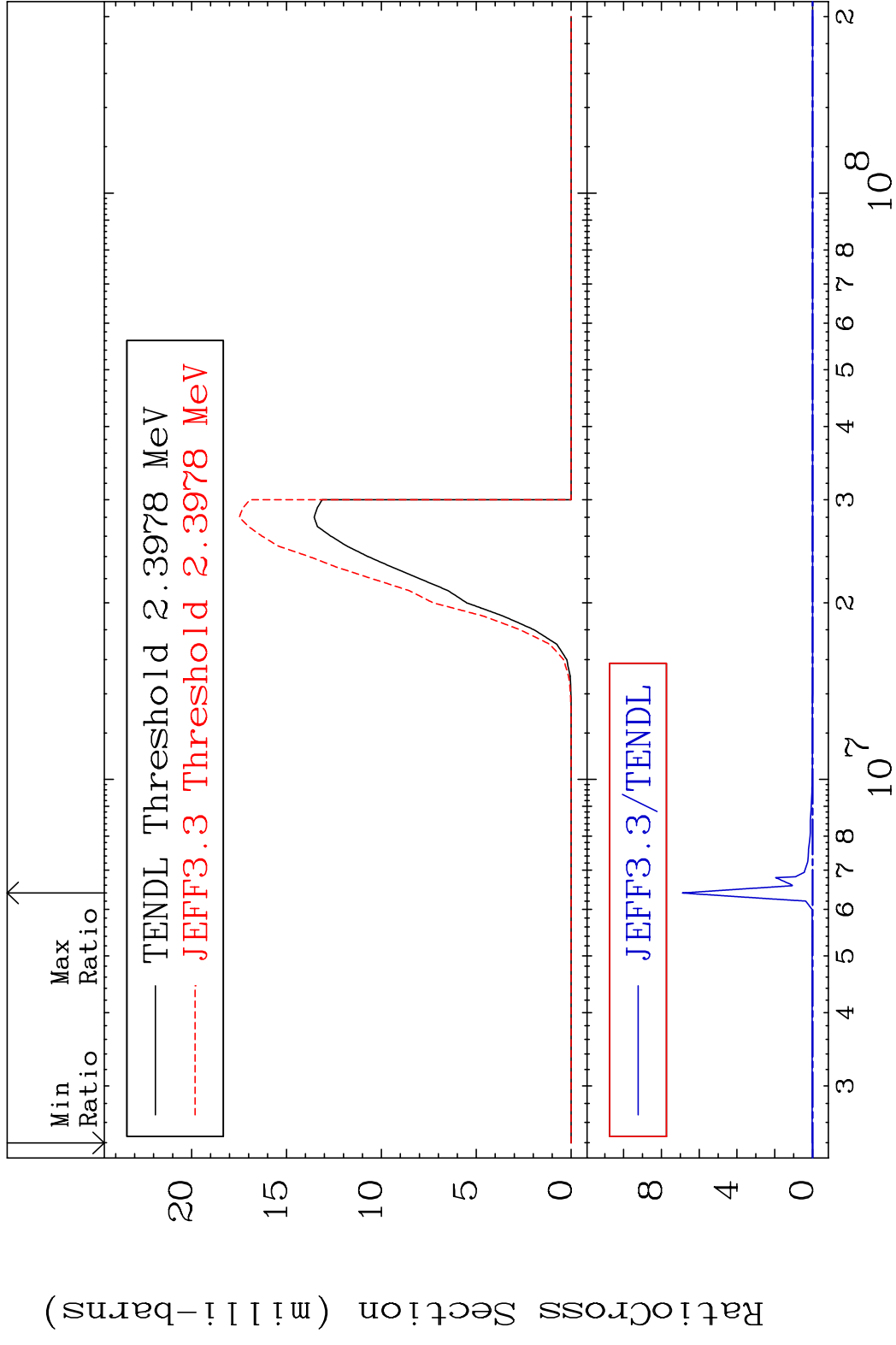




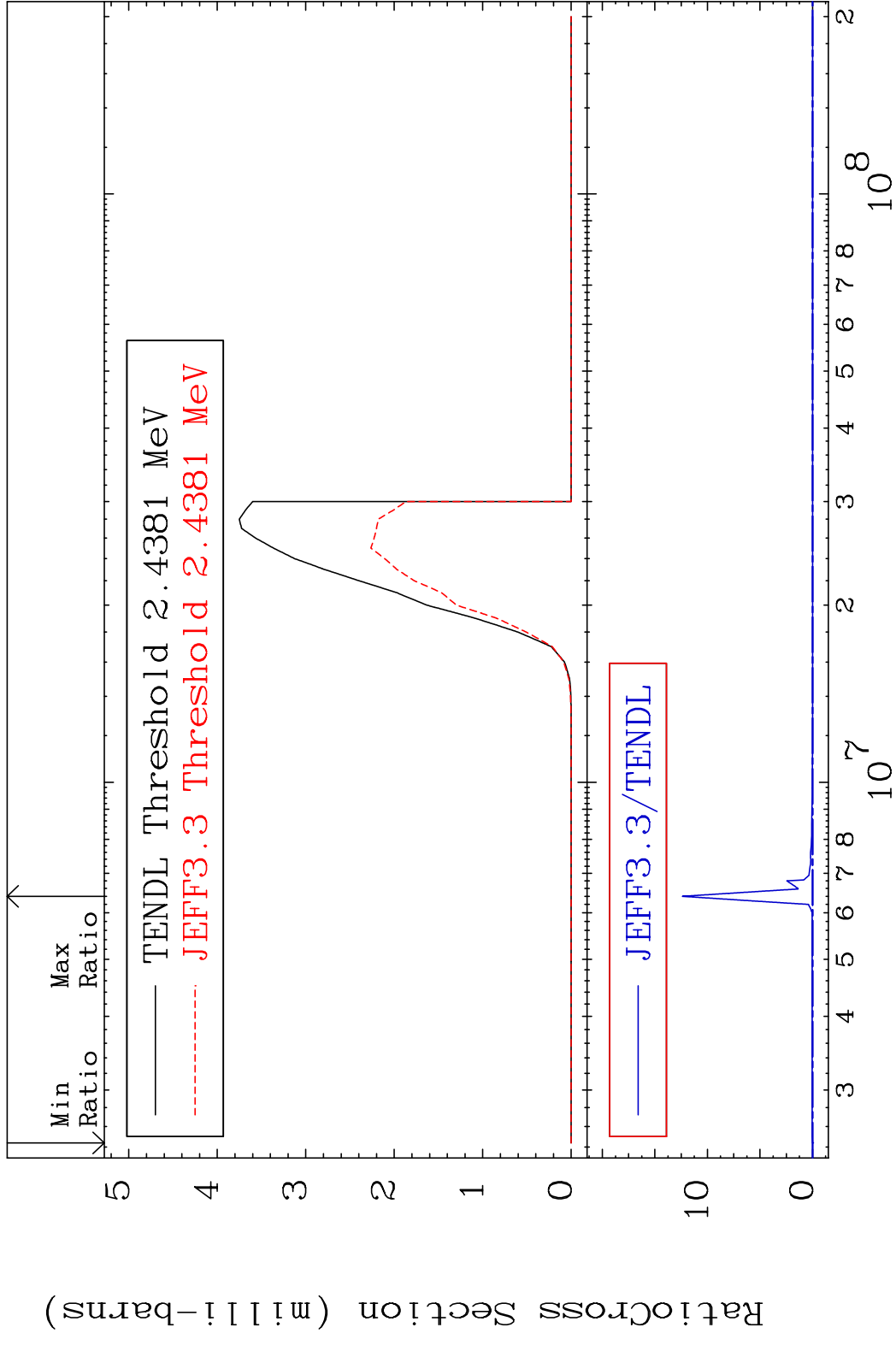




MAT 5528 (n, n')  $\alpha$ :53-I -130g 55-Cs-134  
 Radionuclide Production Cross Section to 9999. %

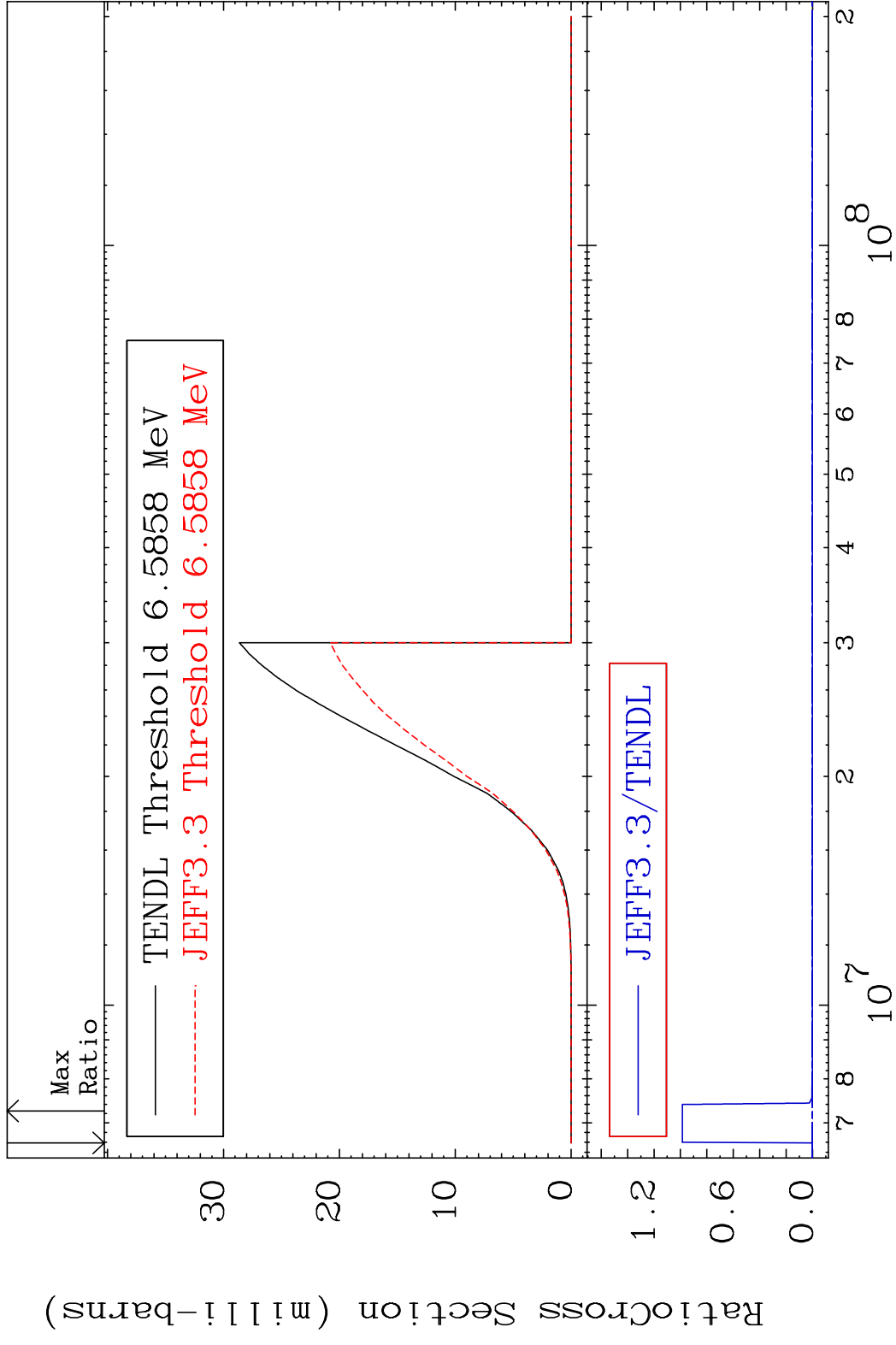


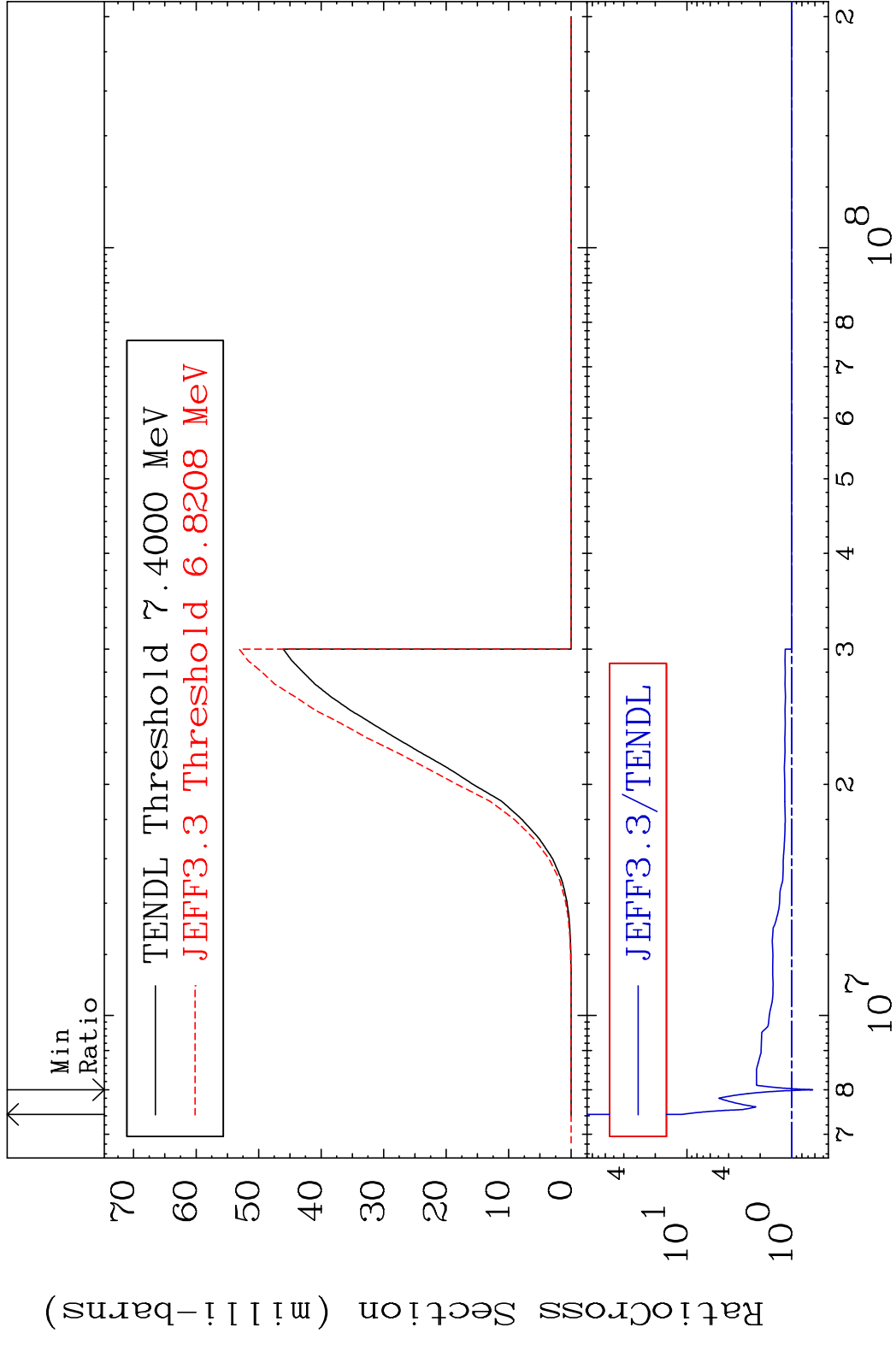
MAT 5528 (n, n')  $\alpha$ :53-I -130m1 55-Cs-134  
 Radionuclide Production Cross Section to 9999. %



69 Incident Energy (eV) 55-Cs-134

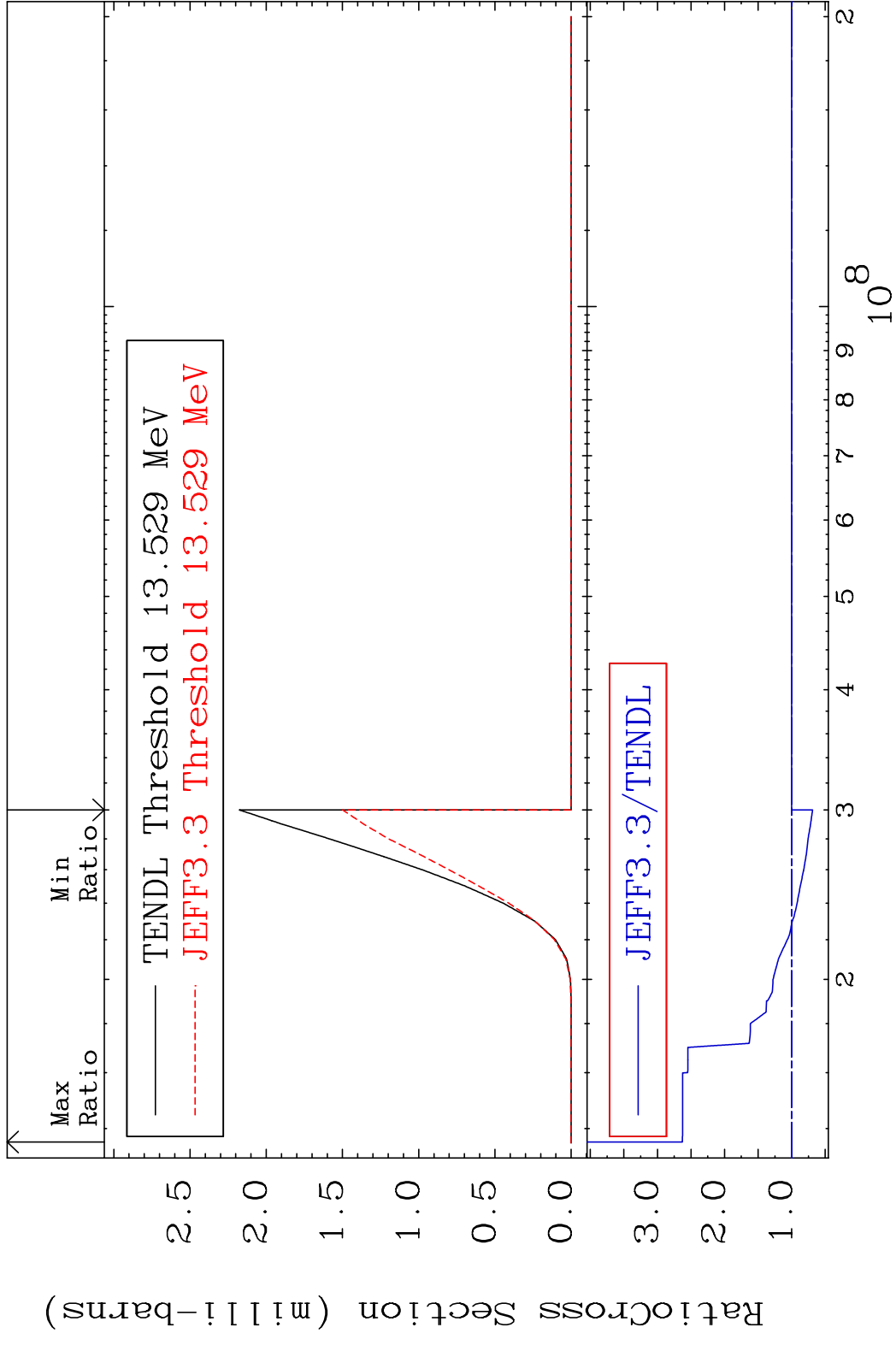
MAT 5528 (n, n') p:54-Xe-133g 55-Cs-134  
 Radionuclide Production Cross Section Ratio 9999. %



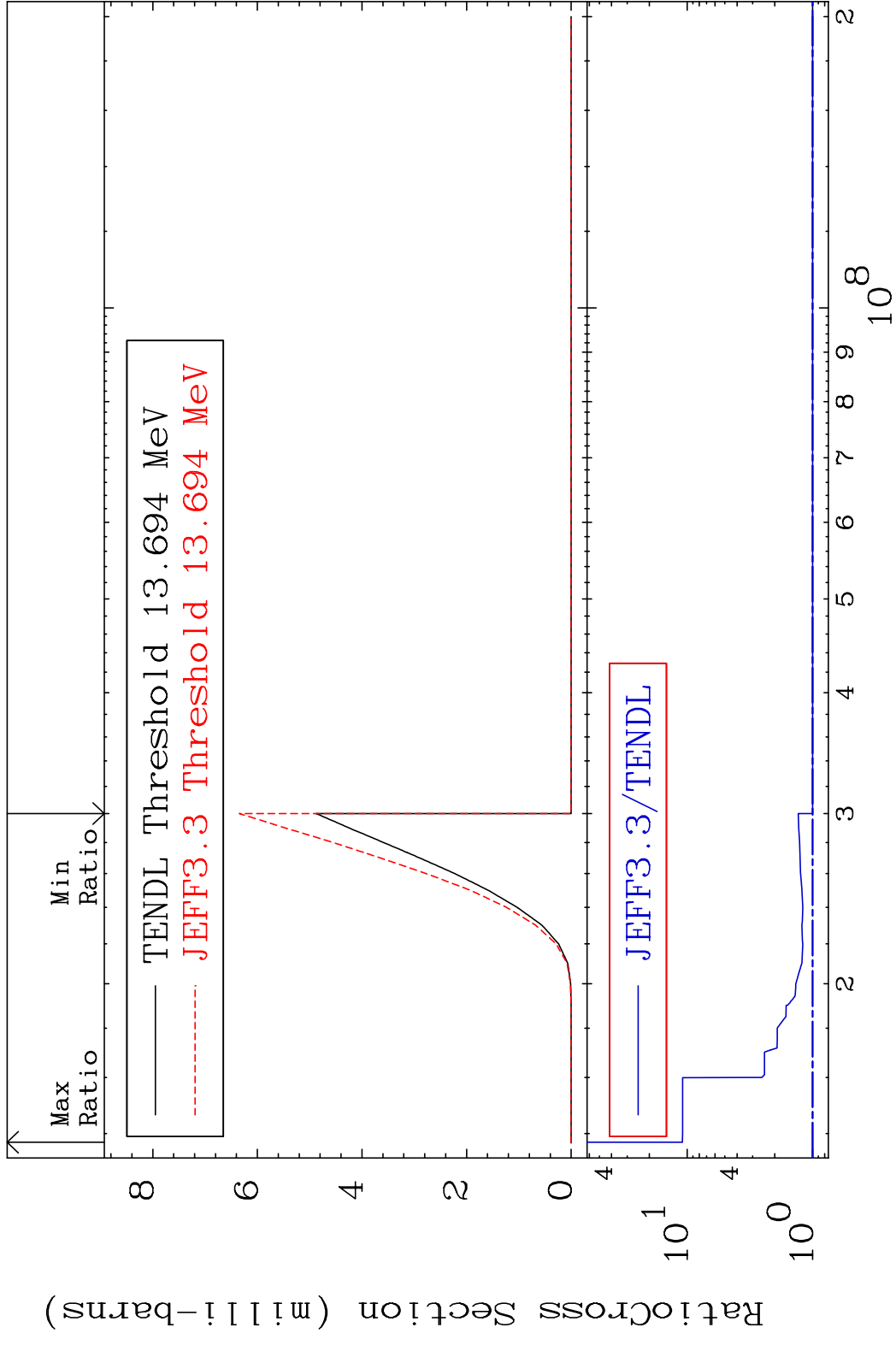


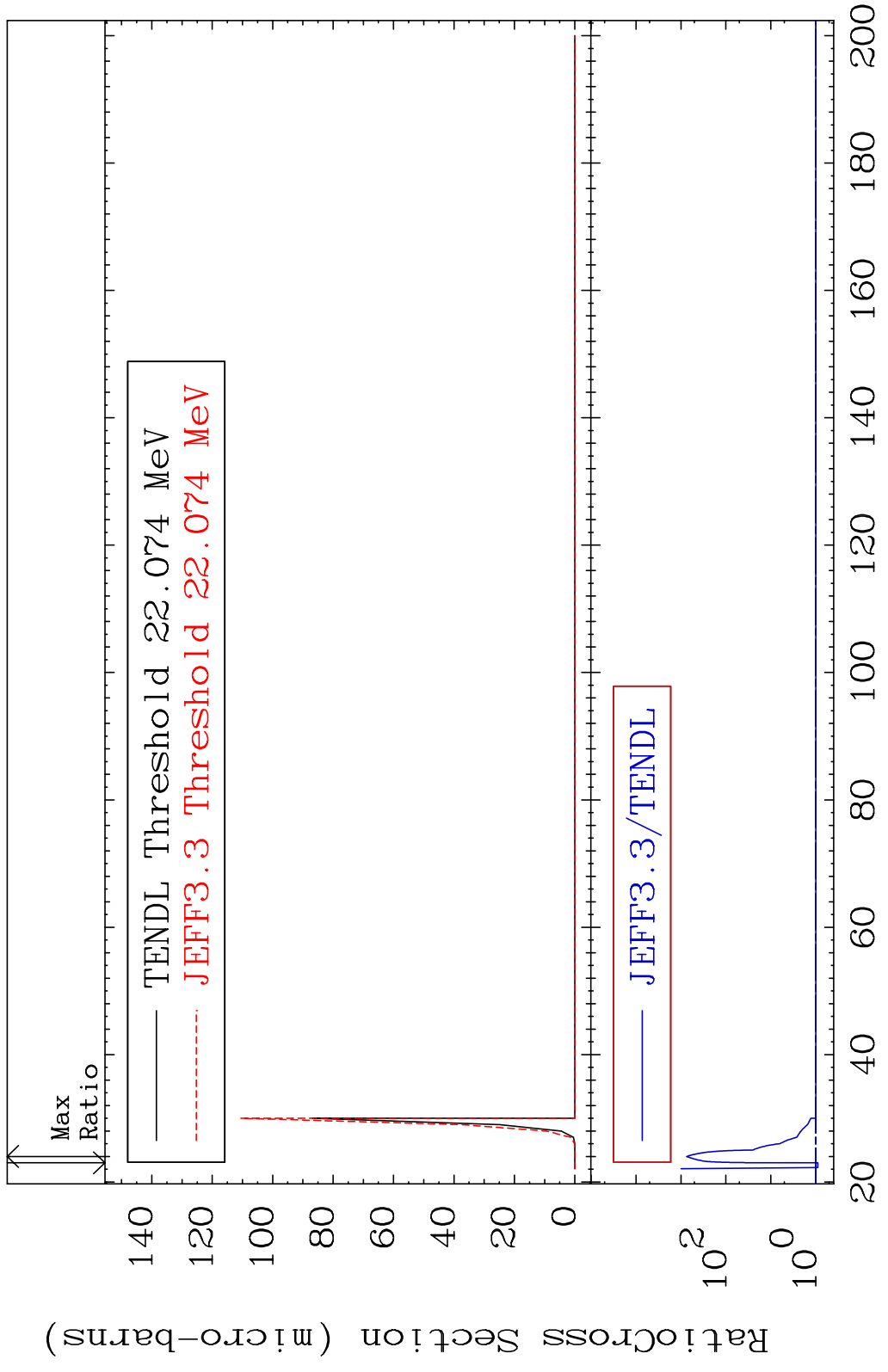


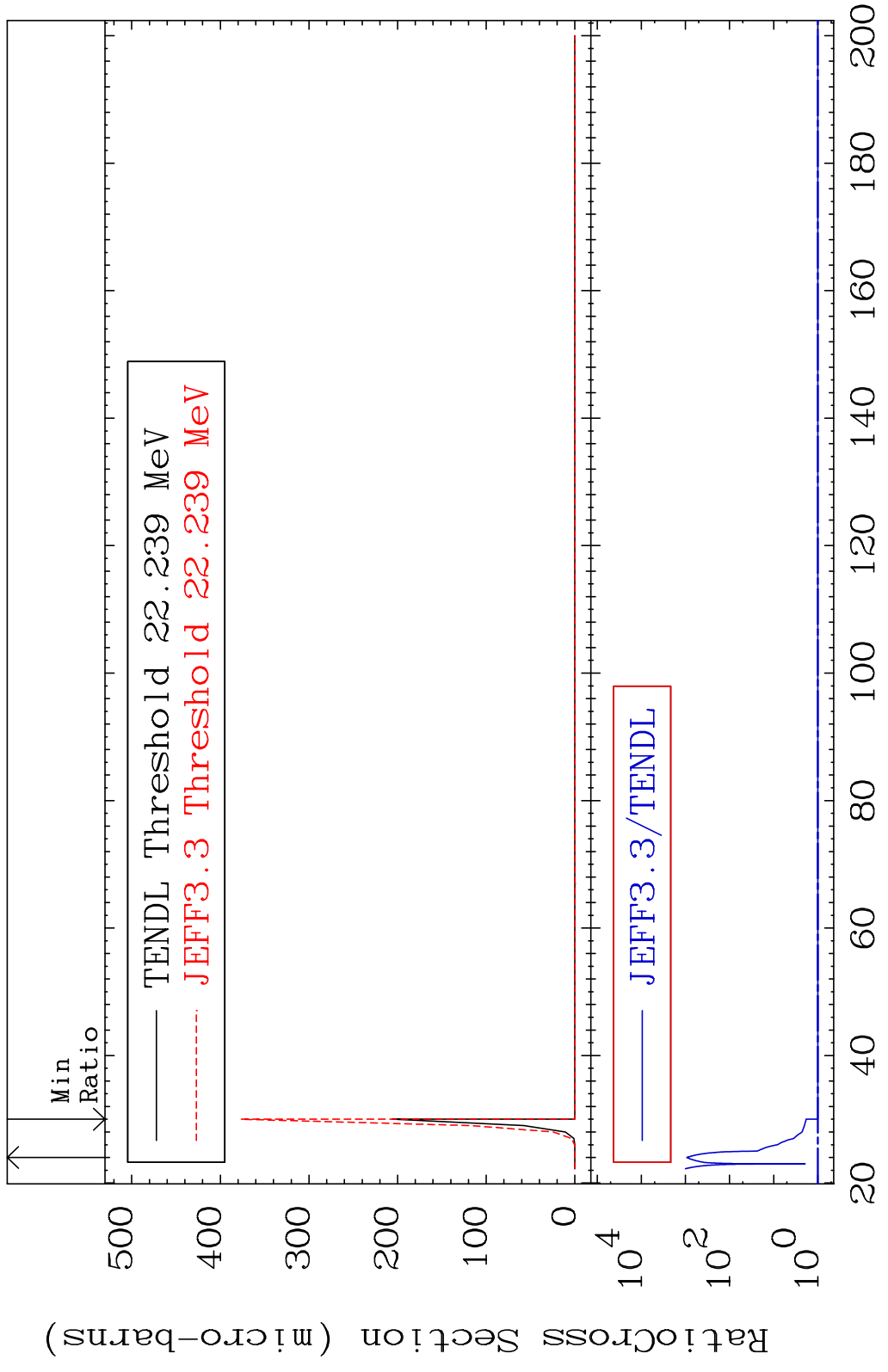
MAT 5528 (n, n') t:54-Xe-131g 55-Cs-134  
 Radionuclide Production Cross Section 162.9 %

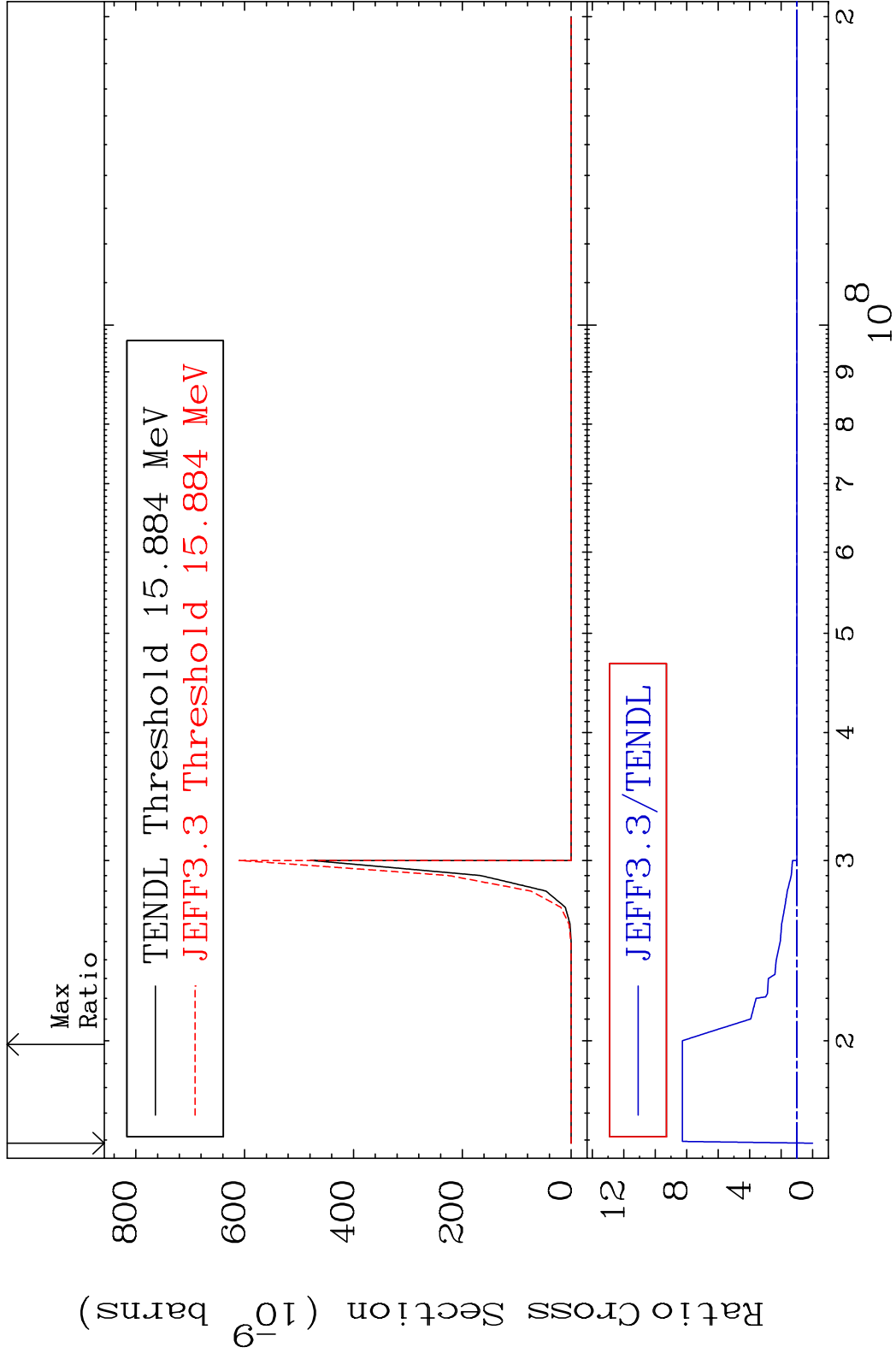


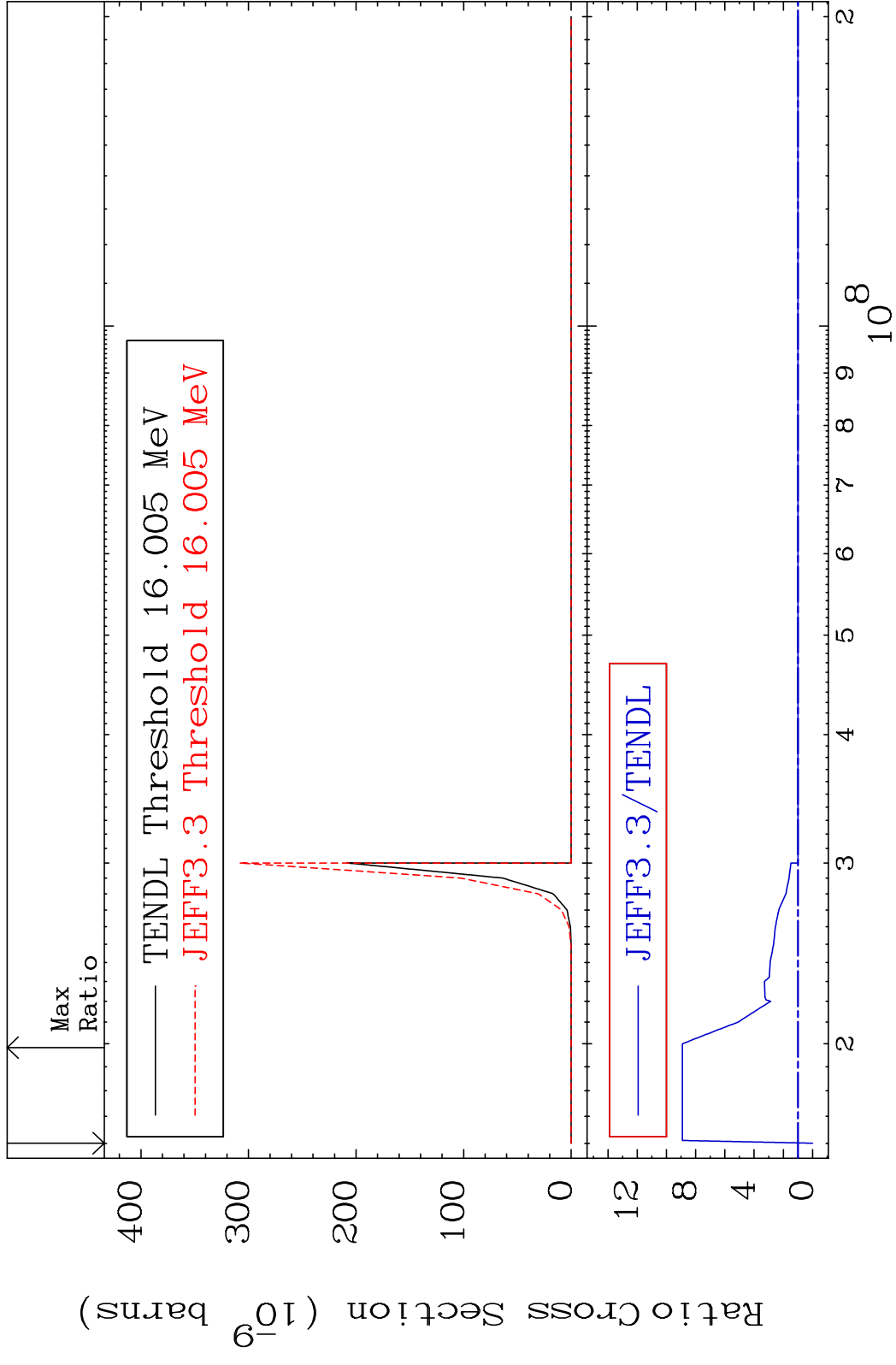
MAT 5528 (n, n') t:54-Xe-131m2 55-Cs-134  
 Radionuclide Production Cross Section 990.6 %



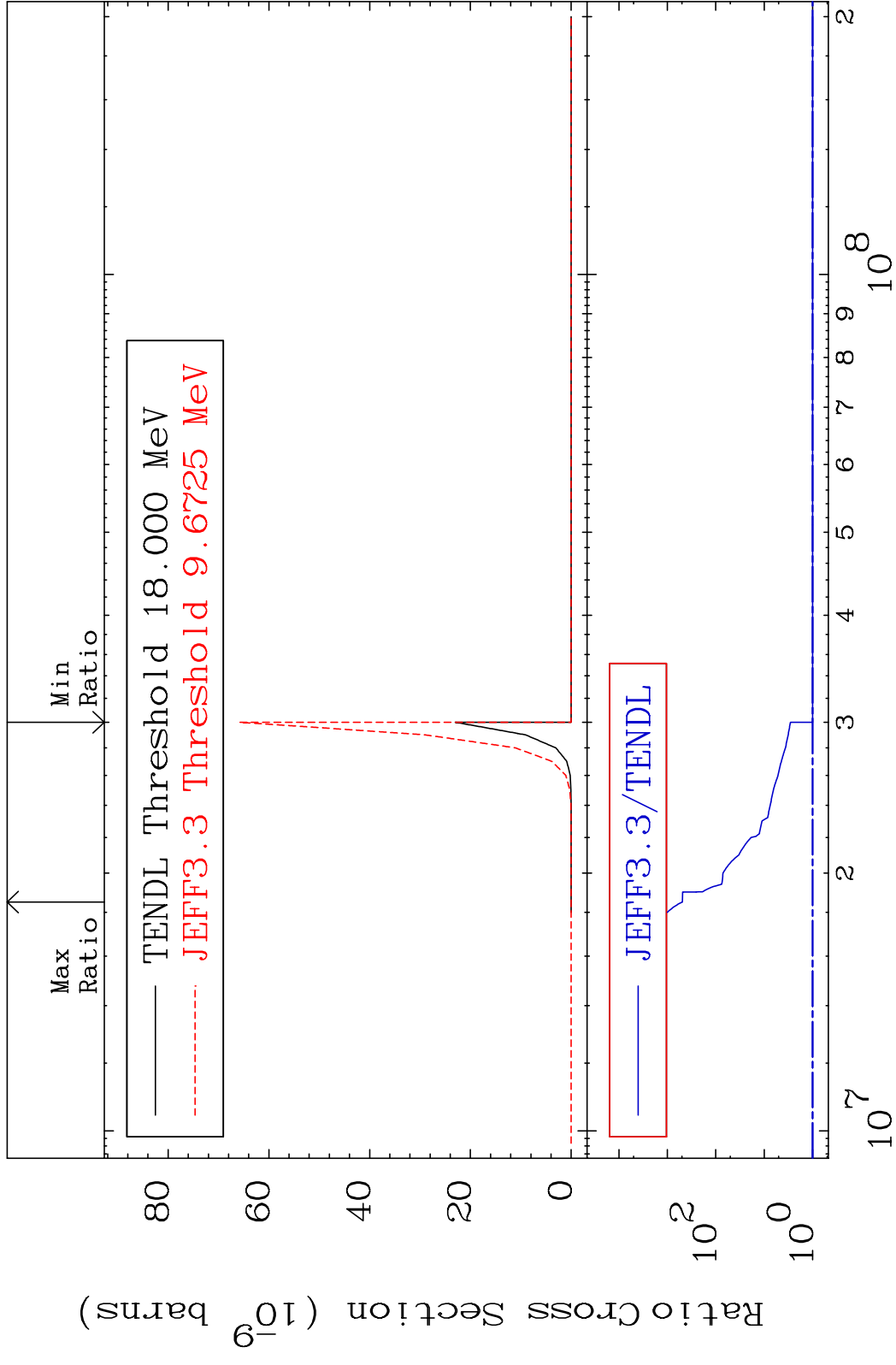






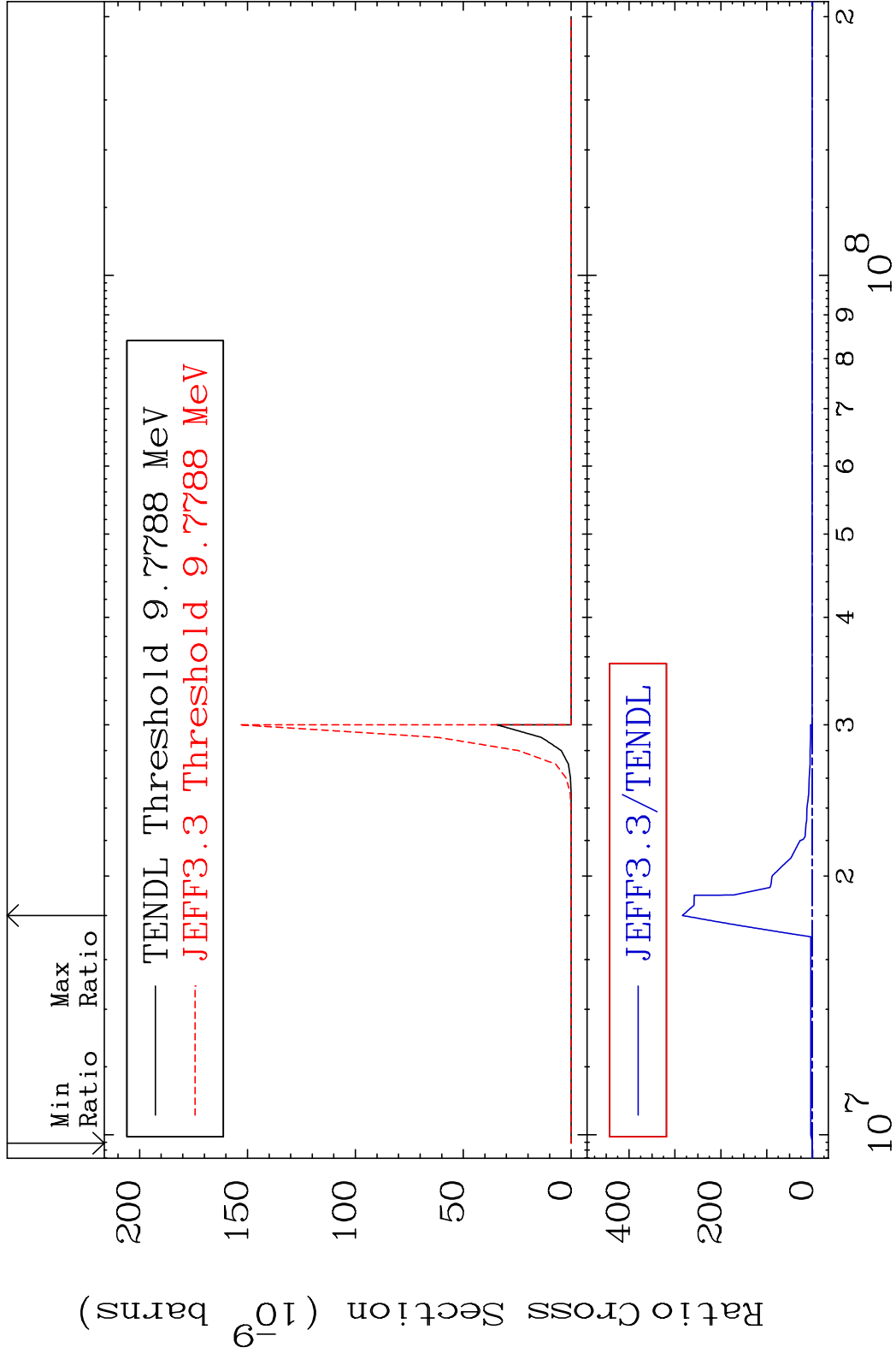


MAT 5528 (n,n') p α:52-Te-129g 55-Cs-134  
 Radionuclide Production Cross Section 9999. %



78 Incident Energy (eV) 55-Cs-134

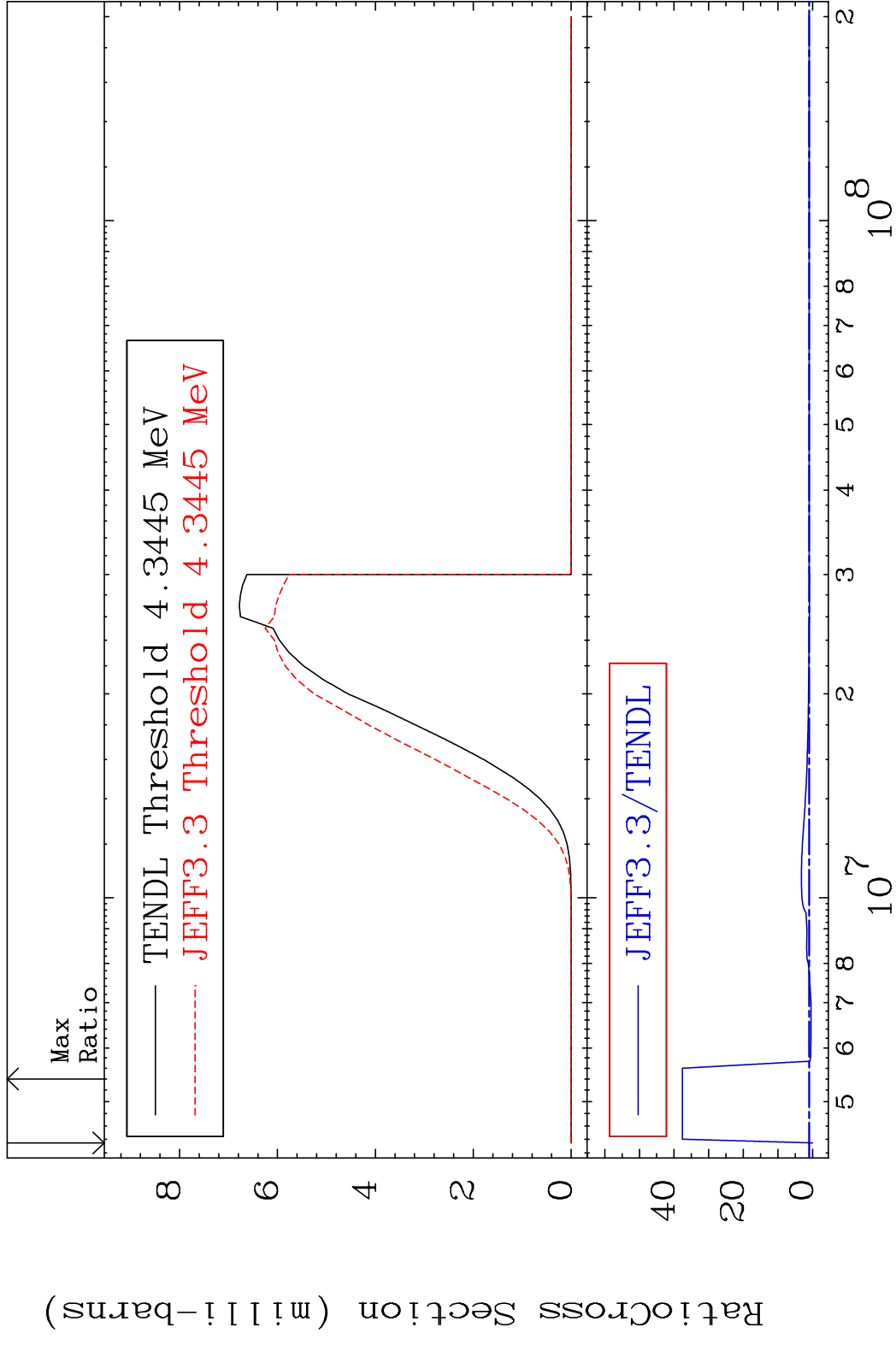
MAT 5528 (n,n') p α:52-Te-129m1 55-Cs-134  
 Radionuclide Production Cross Section Ratio 9999. %



79 Incident Energy (eV) 55-Cs-134

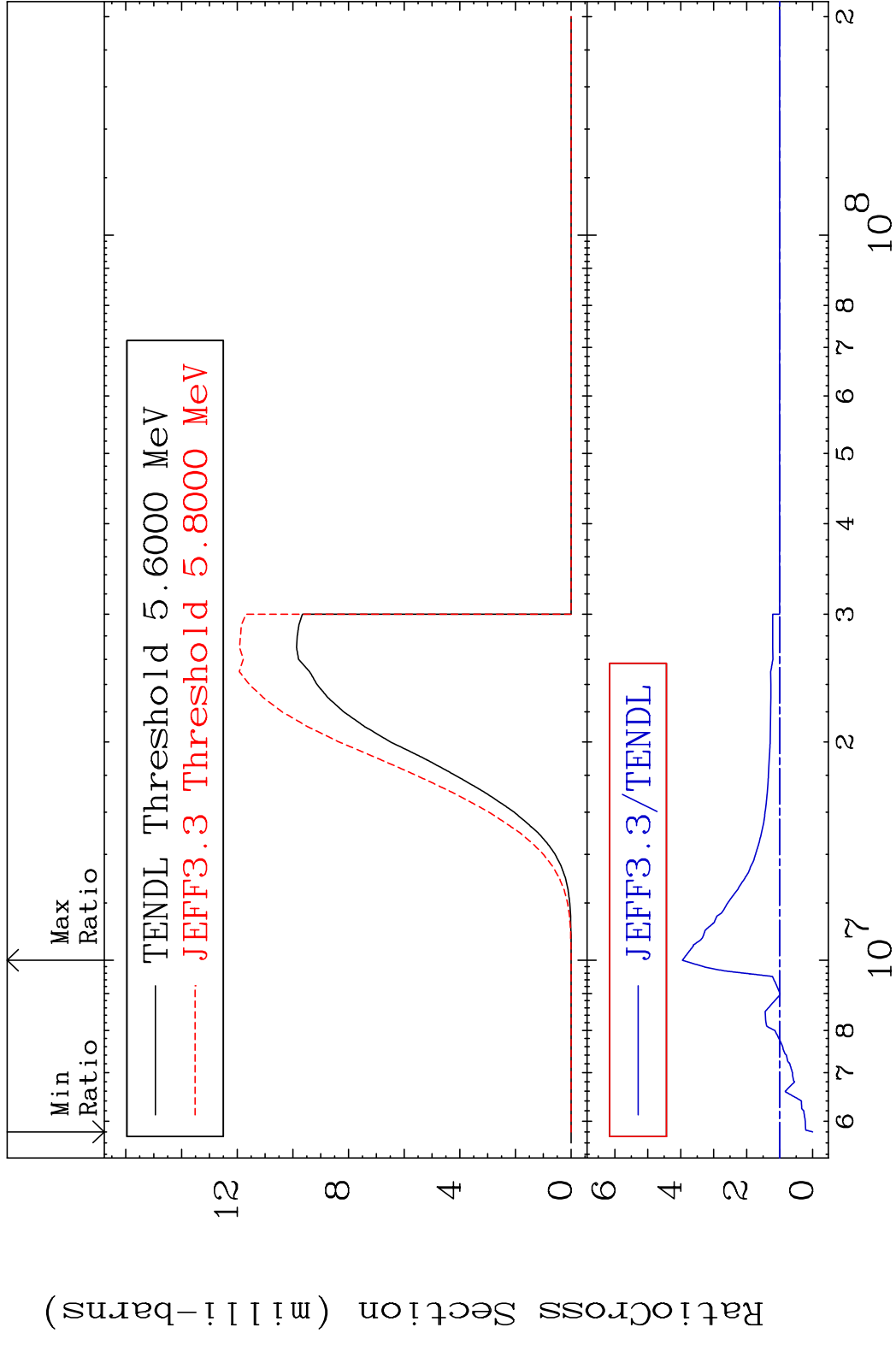


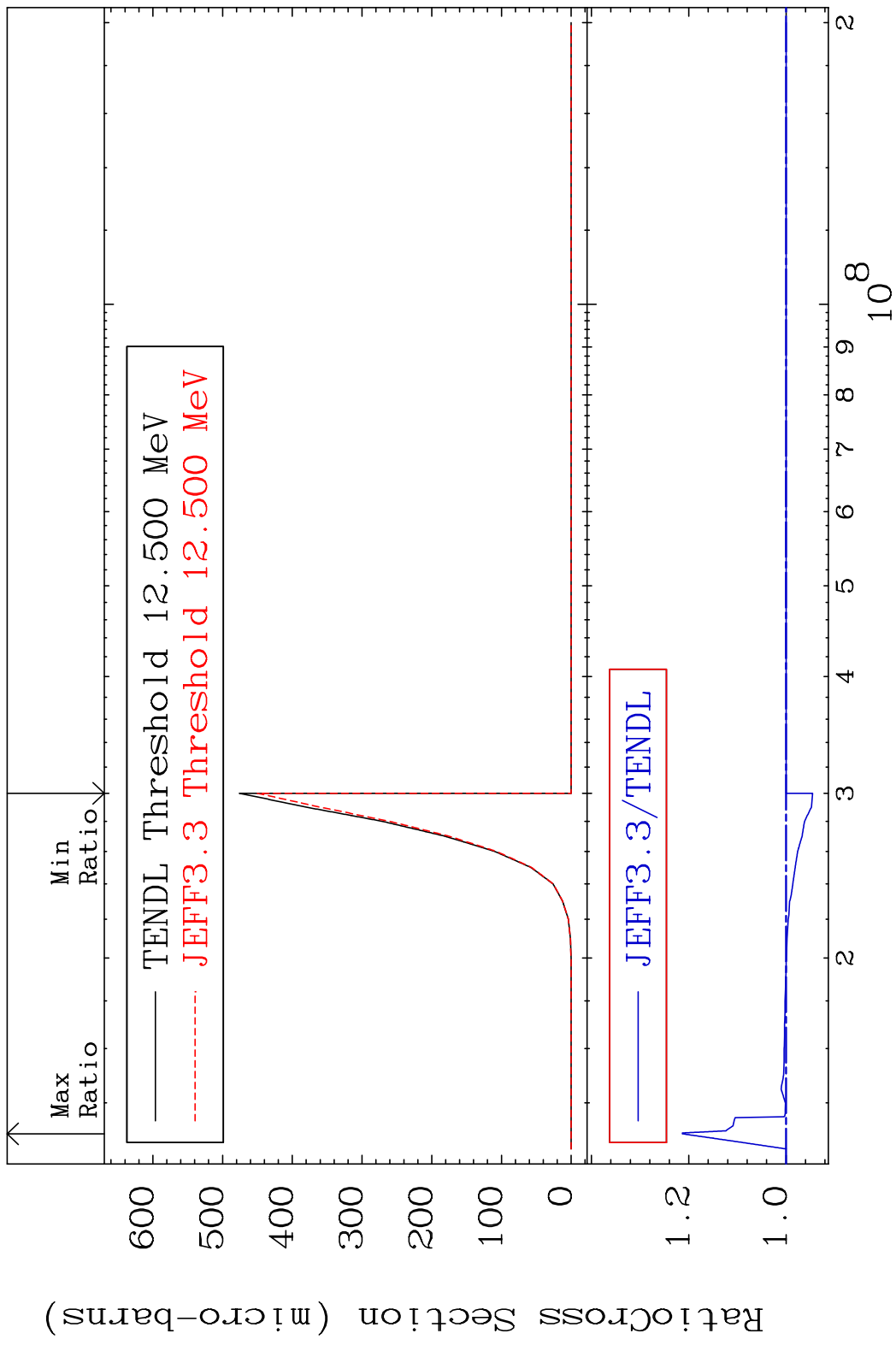
MAT 5528 (n,d):54-Xe-133g 55-Cs-134  
 Radionuclide Production Cross Section Ratio 3660. %



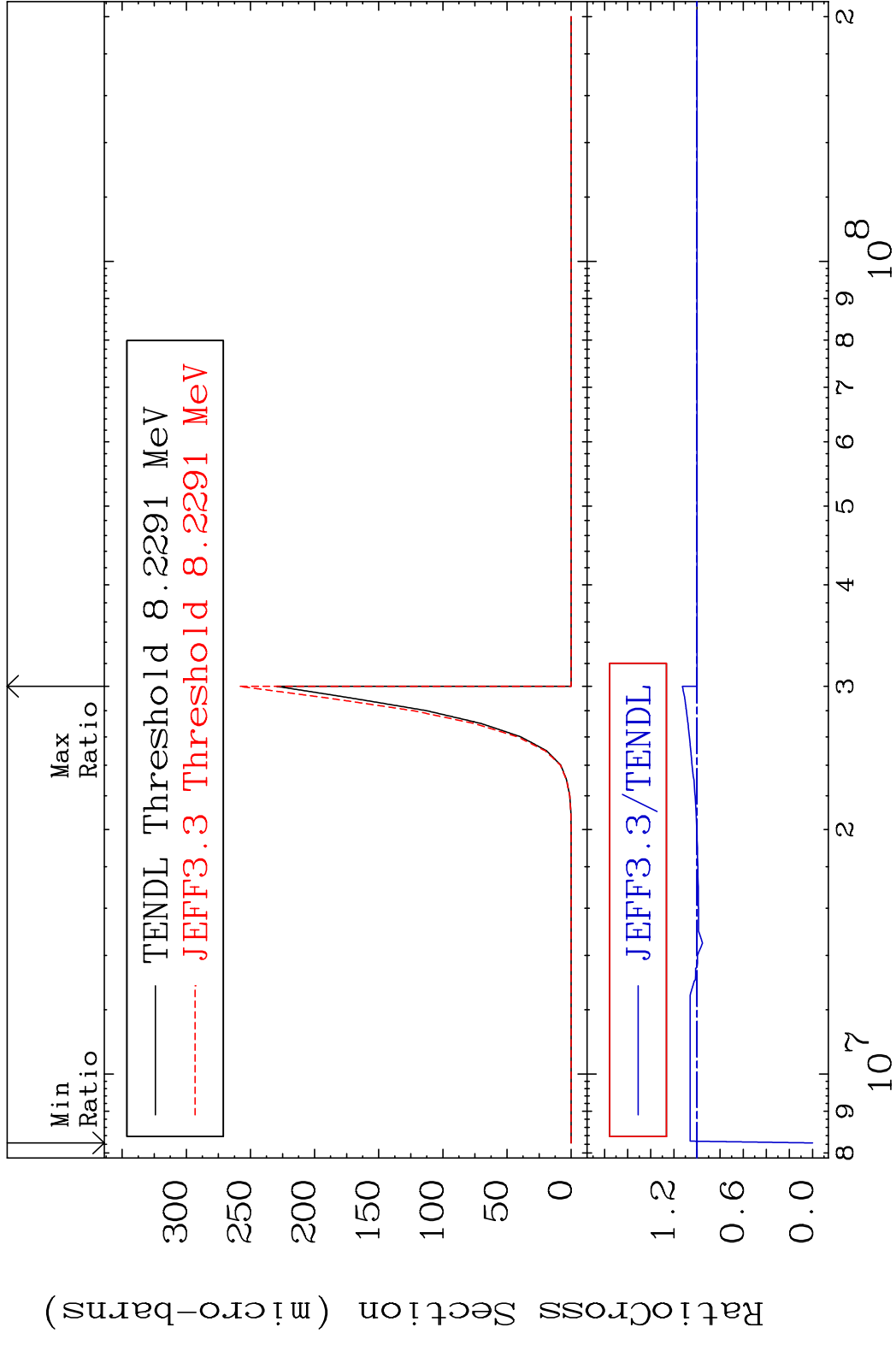
80 Incident Energy (eV) 55-Cs-134

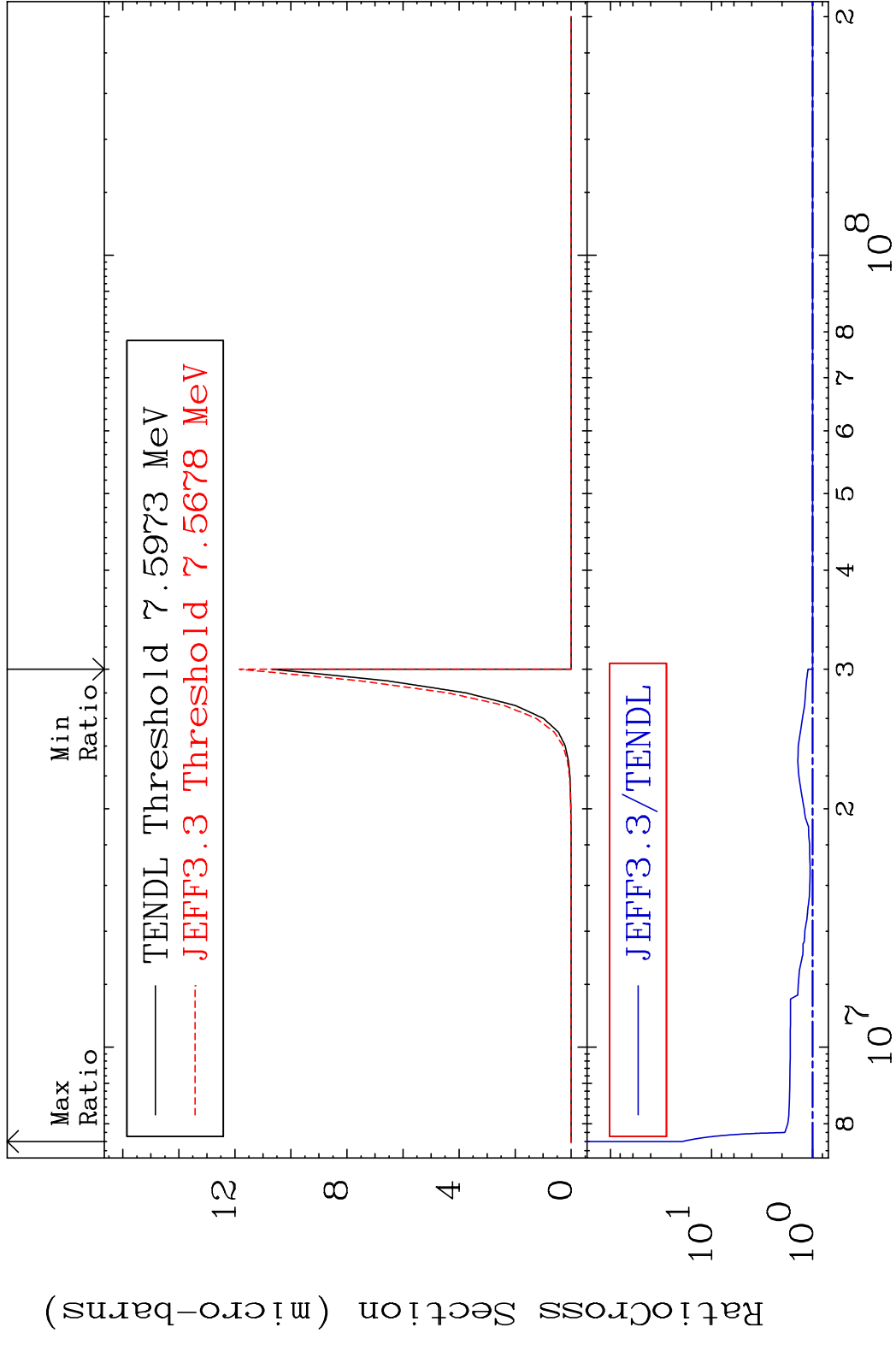
MAT 5528 (n, d):54-Xe-133m1 55-Cs-134  
 Radionuclide Production Cross Section 180.0 dth 295.0 %

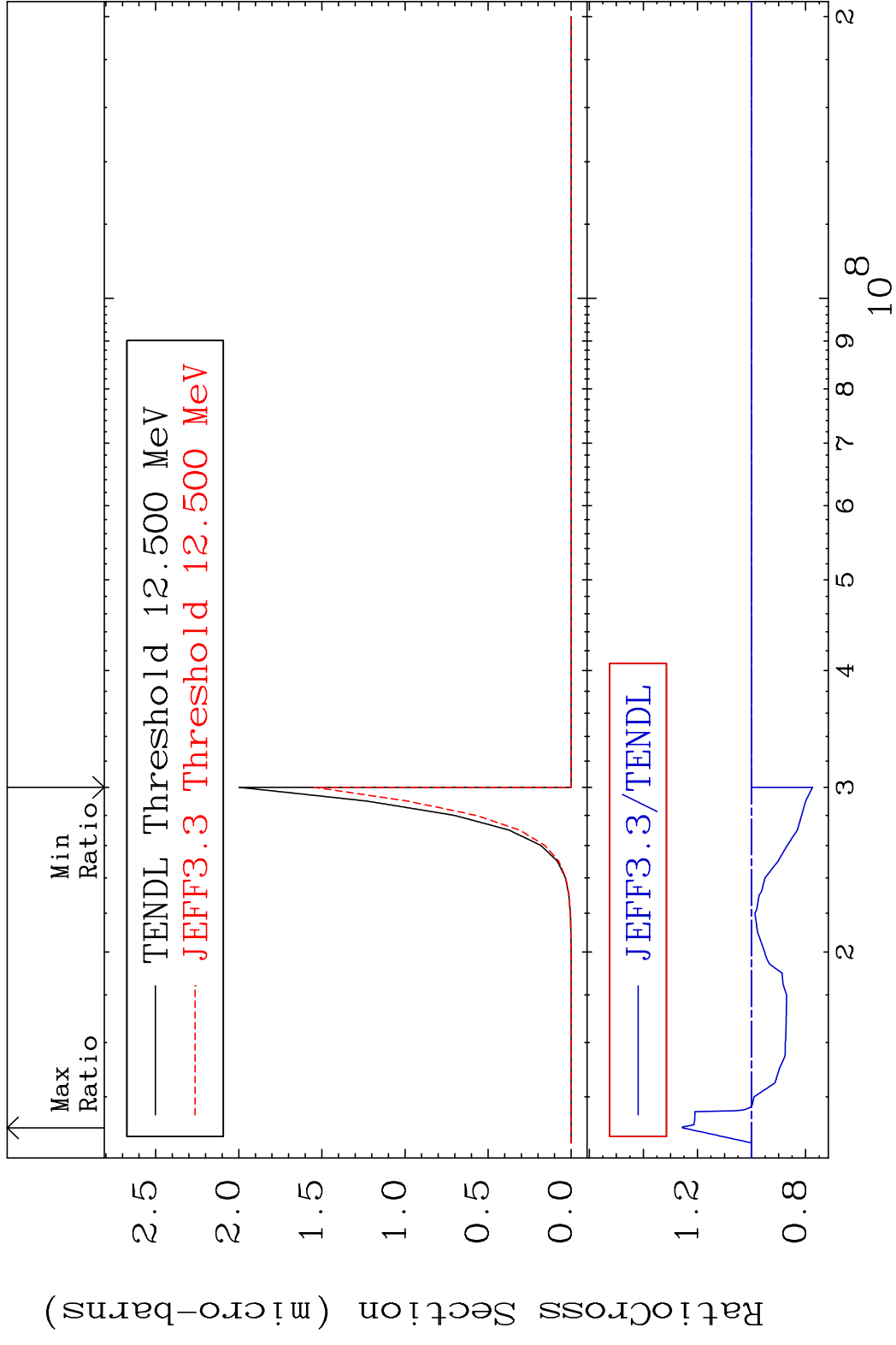


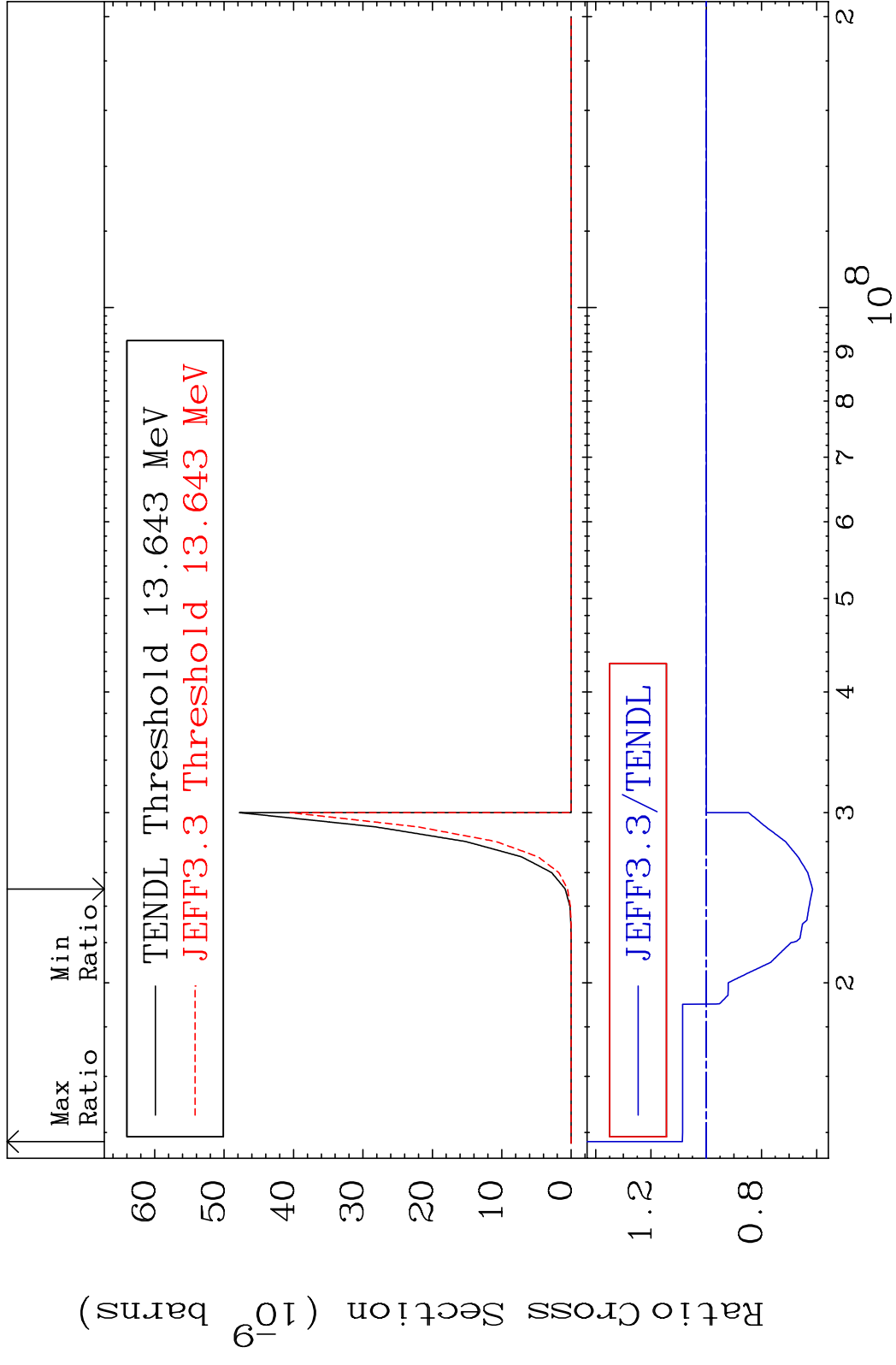


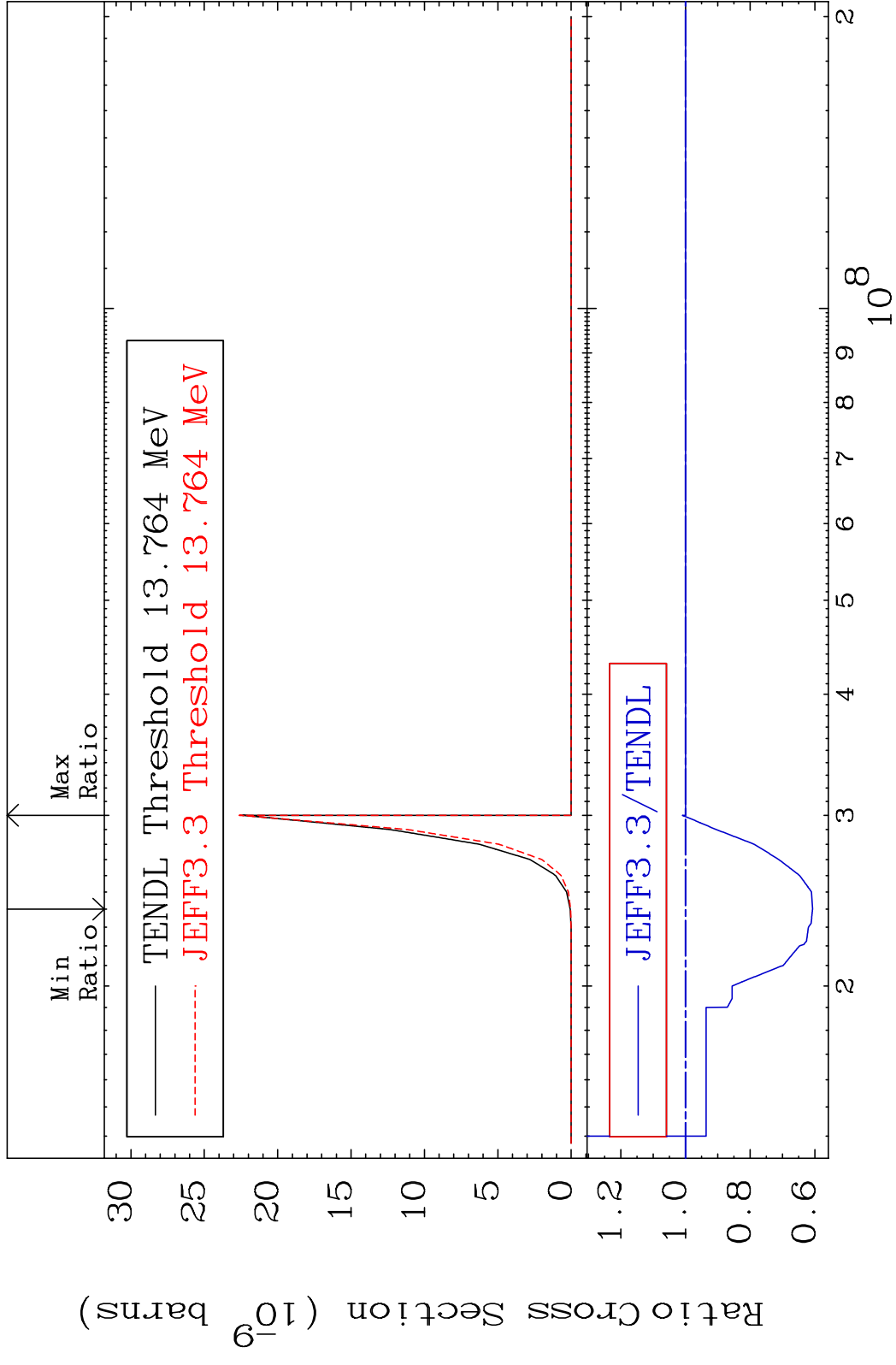
MAT 5528 (n, He-3) :53-I -132m3 55-Cs-134  
 Radionuclide Production Cross Section 130.01 dth 12.66 %





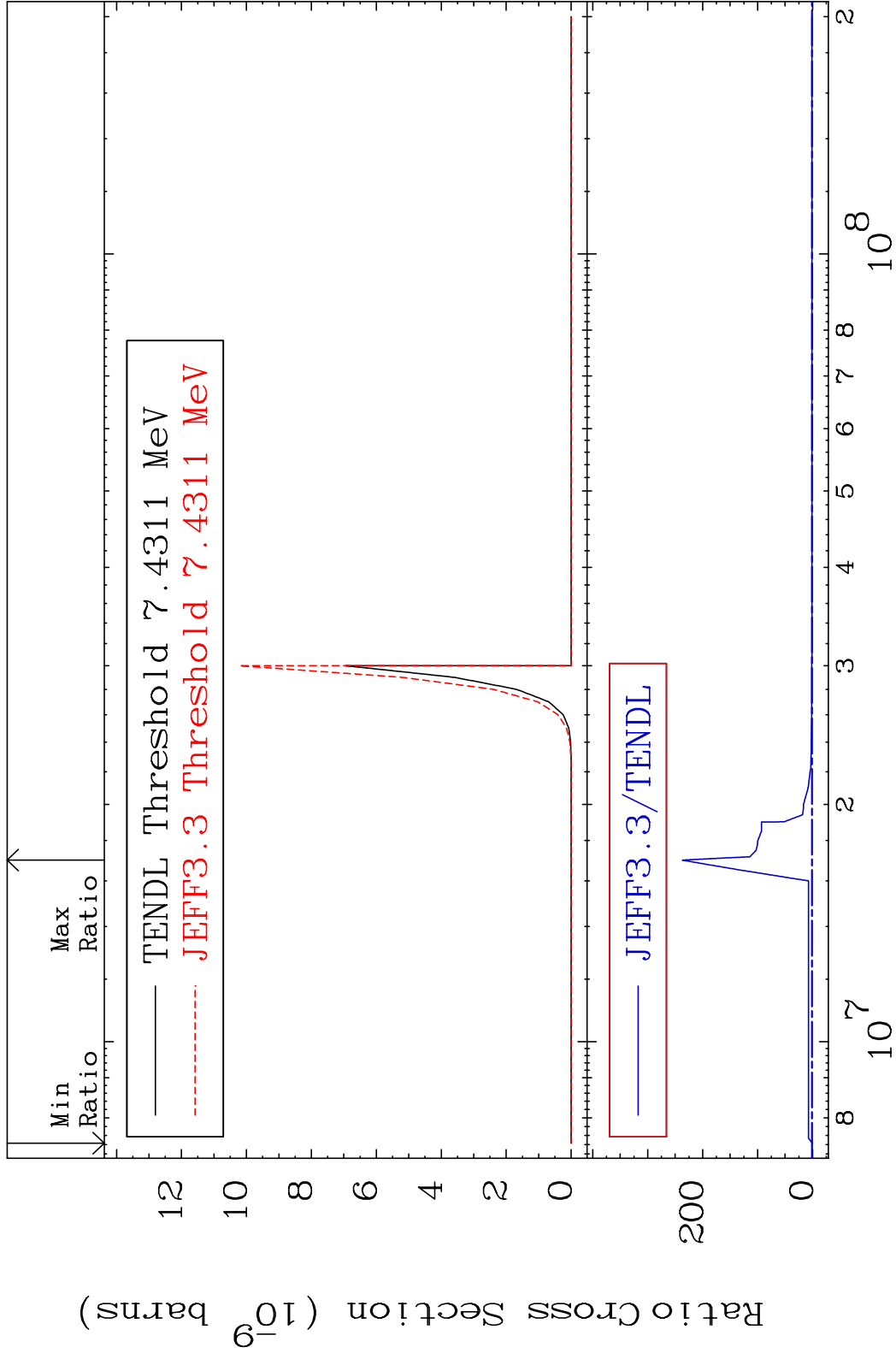








MAT 5528 (n, d)  $\alpha$ :52-Te-129g 55-Cs-134  
 Radionuclide Production Cross Section Ratio 9999. %



MAT 5528 (n,d)  $\alpha$ :52-Te-129m1 55-Cs-134  
 Radionuclide Production Cross Section Ratio 9999. %

