

Program Complot  
(Version 2021-1)

by

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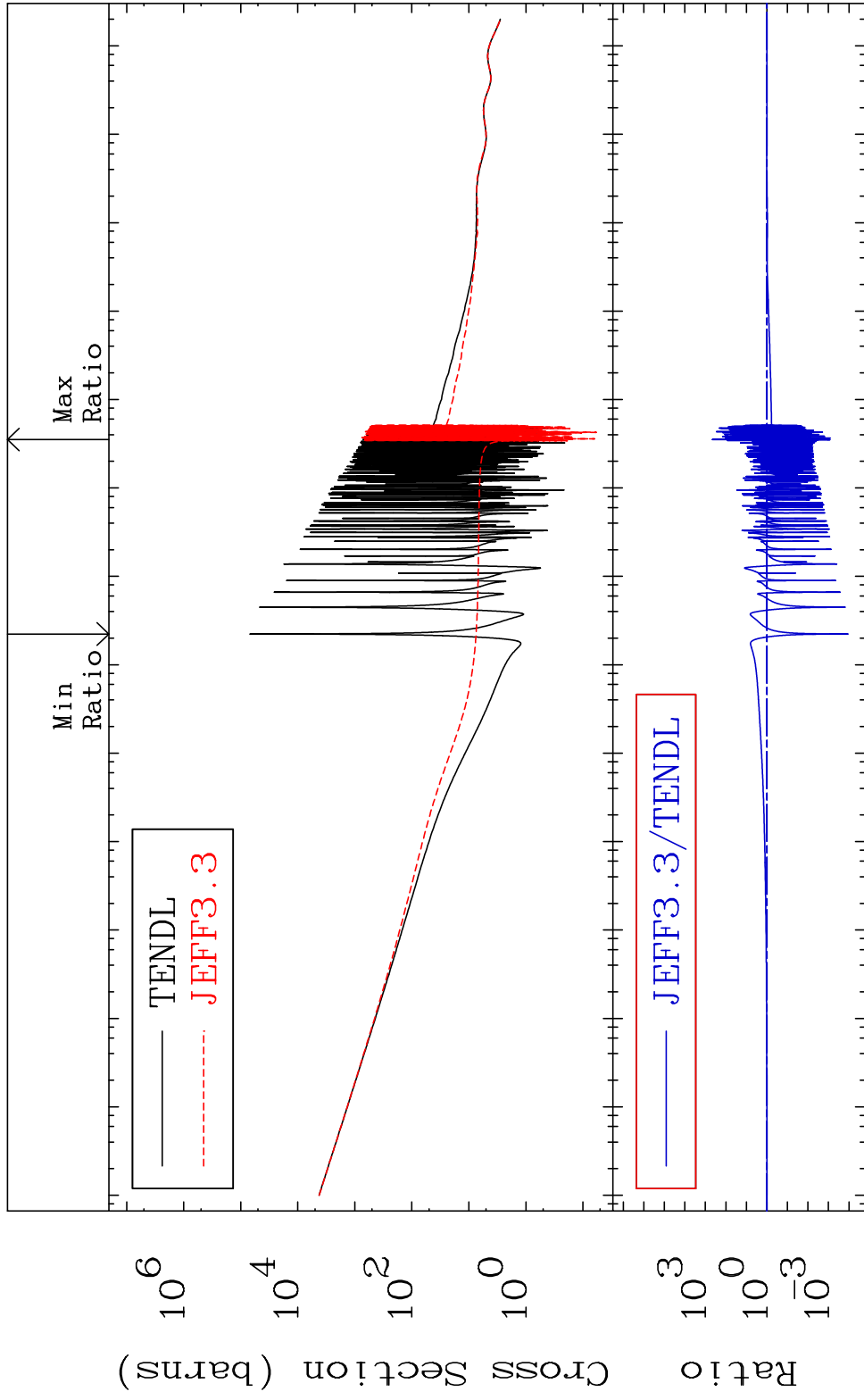
Press Mouse Button to Start

MAT 7631

Total

76-0s-186

Cross Section -99.99 To 9999. %



1

Incident Energy (eV)

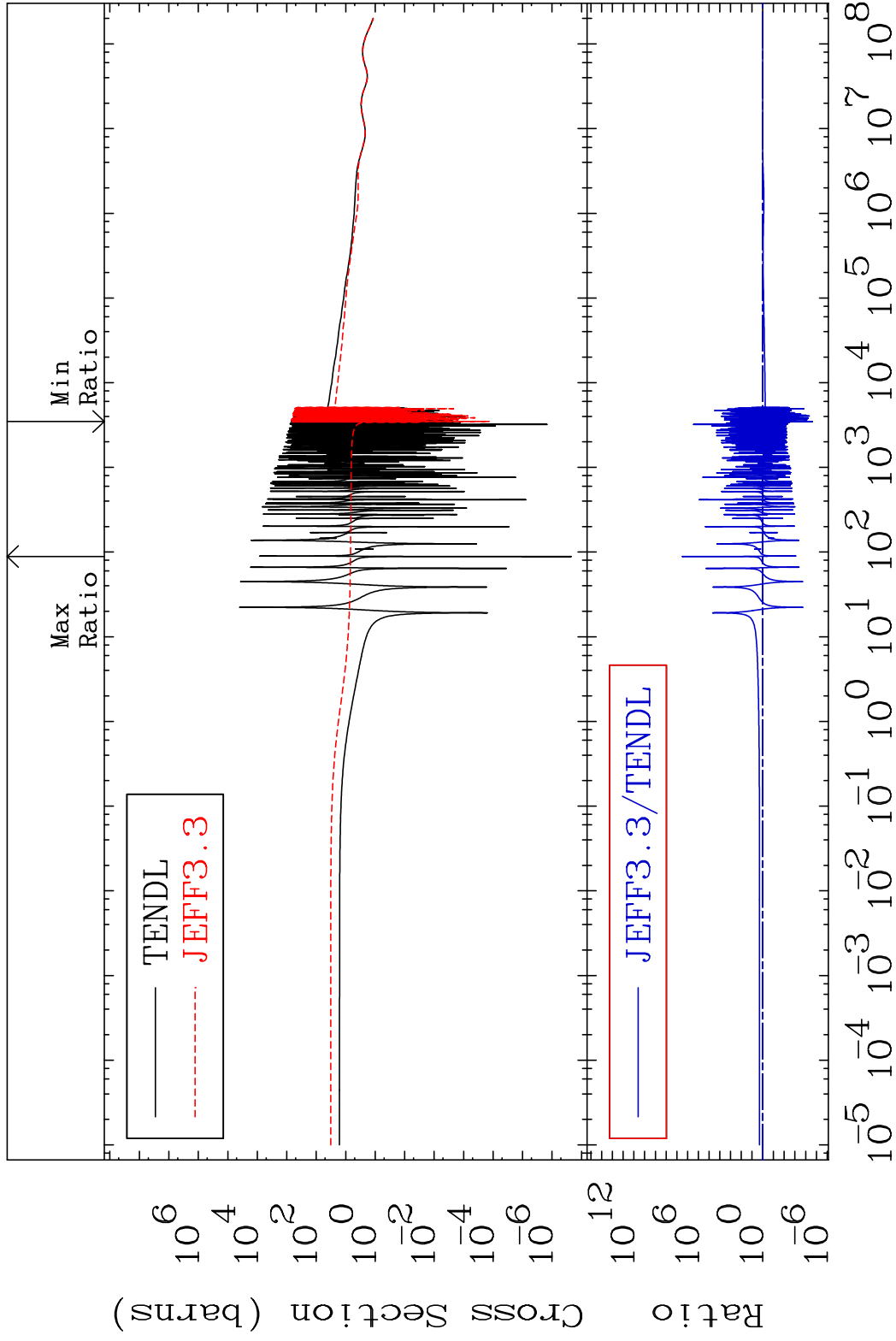
76-0s-186

MAT 7631

Elastic

76-Os-186

Cross Section -100.0 To 9999. %

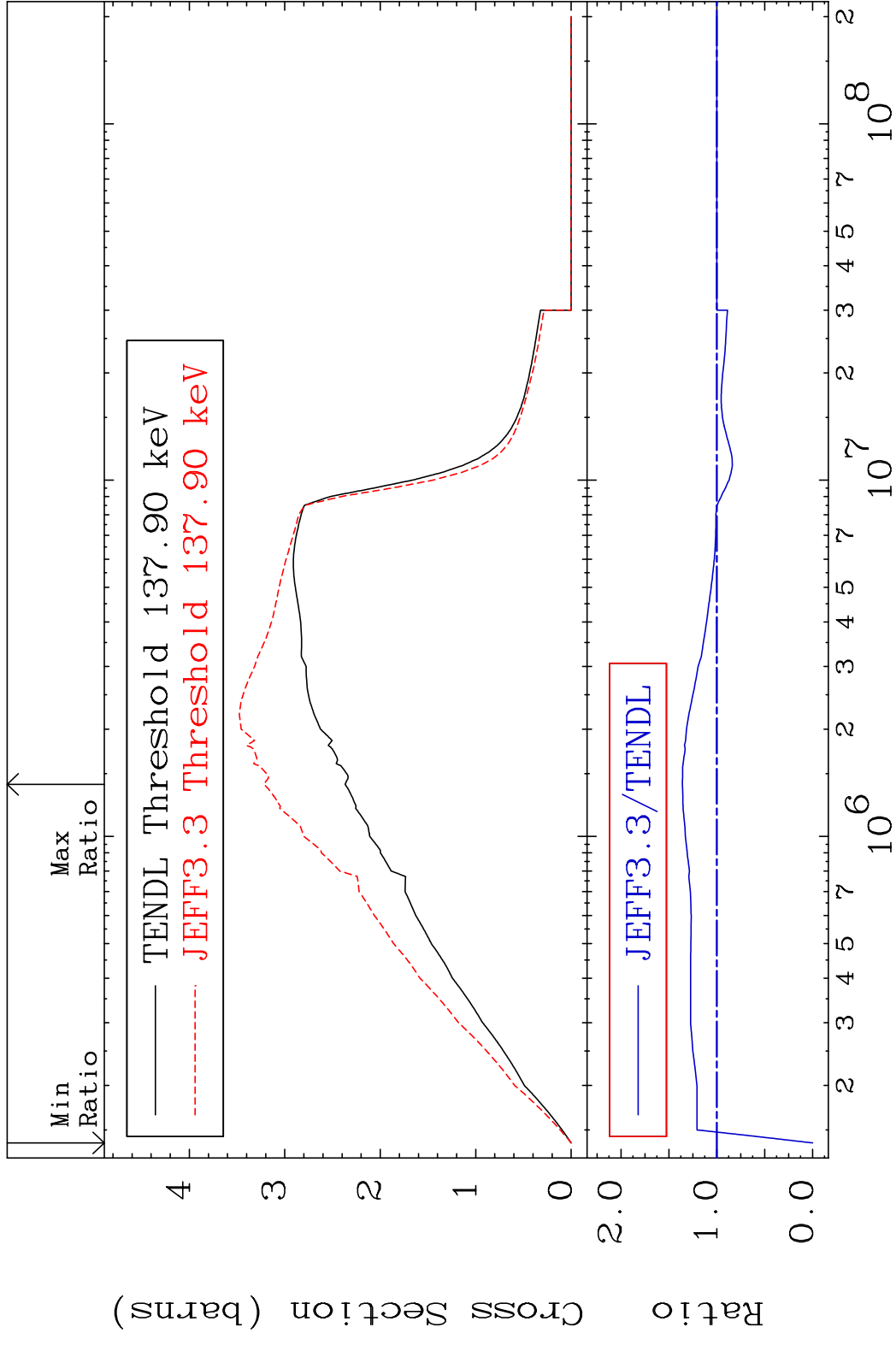


2

Incident Energy (eV)

76-Os-186

MAT 7631 Inelastic 76-Os-186  
 Cross Section -100.0 To 35.91 %

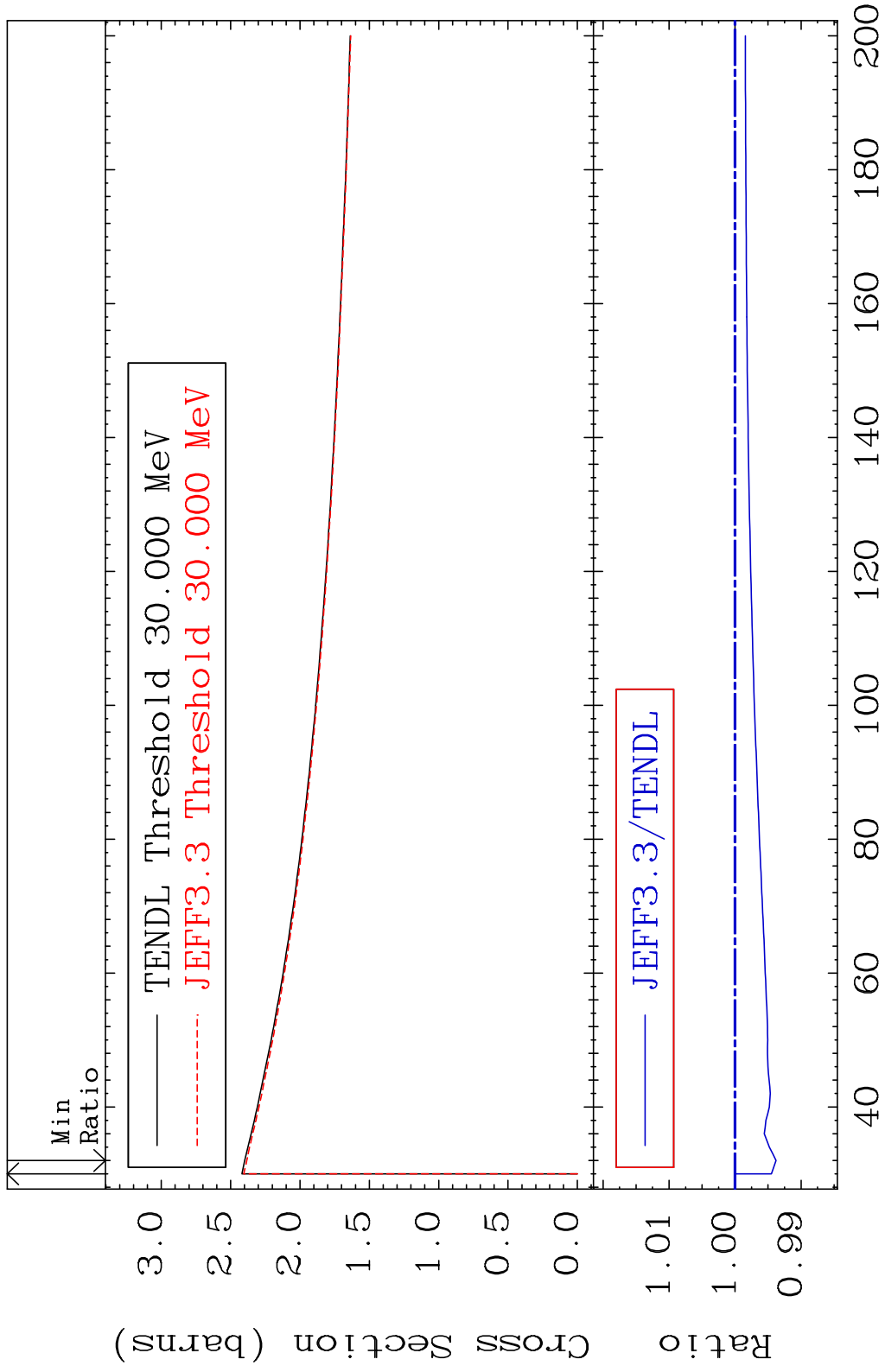


MAT 7631

(n, remainder)

76-0s-186

Cross Section -0.622 To 0.000 %

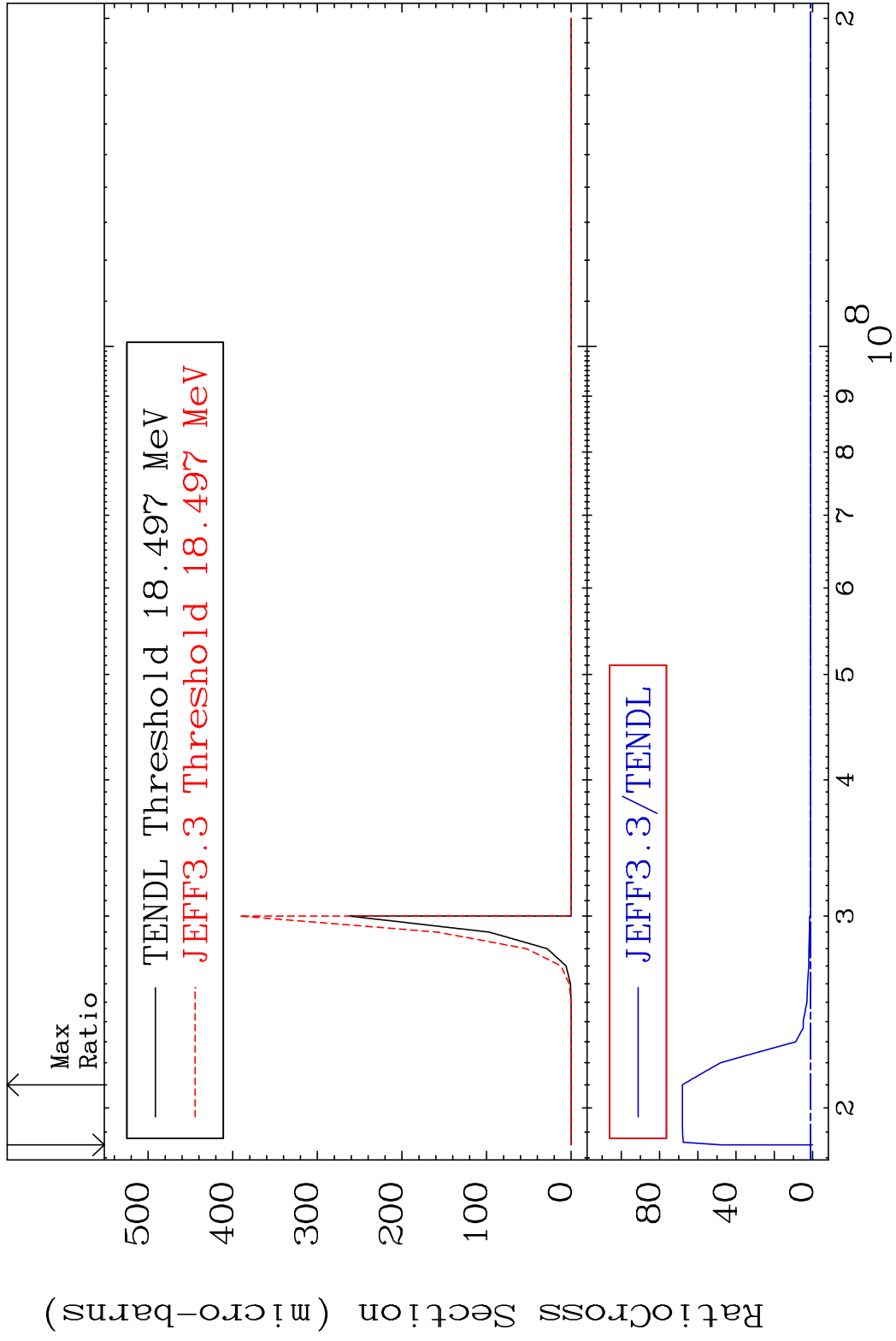


MAT 7631

(n,2n) d

76-0s-186

Cross Section -100.0 To 6709. %



5

Incident Energy (eV)

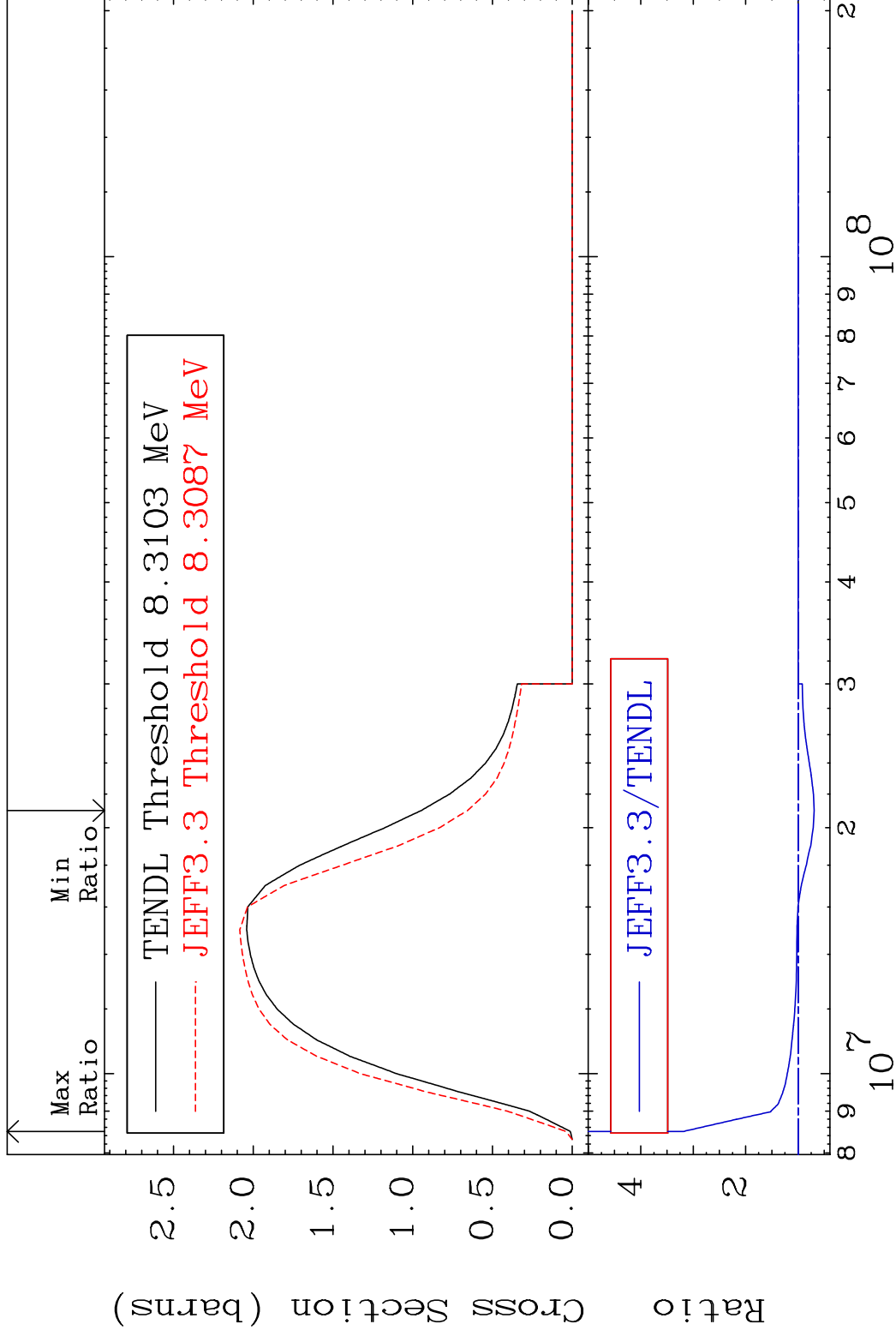
76-0s-186

MAT 7631

(n,2n)

76-0s-186

Cross Section -30.62 To 218.2 %



6

Incident Energy (eV)

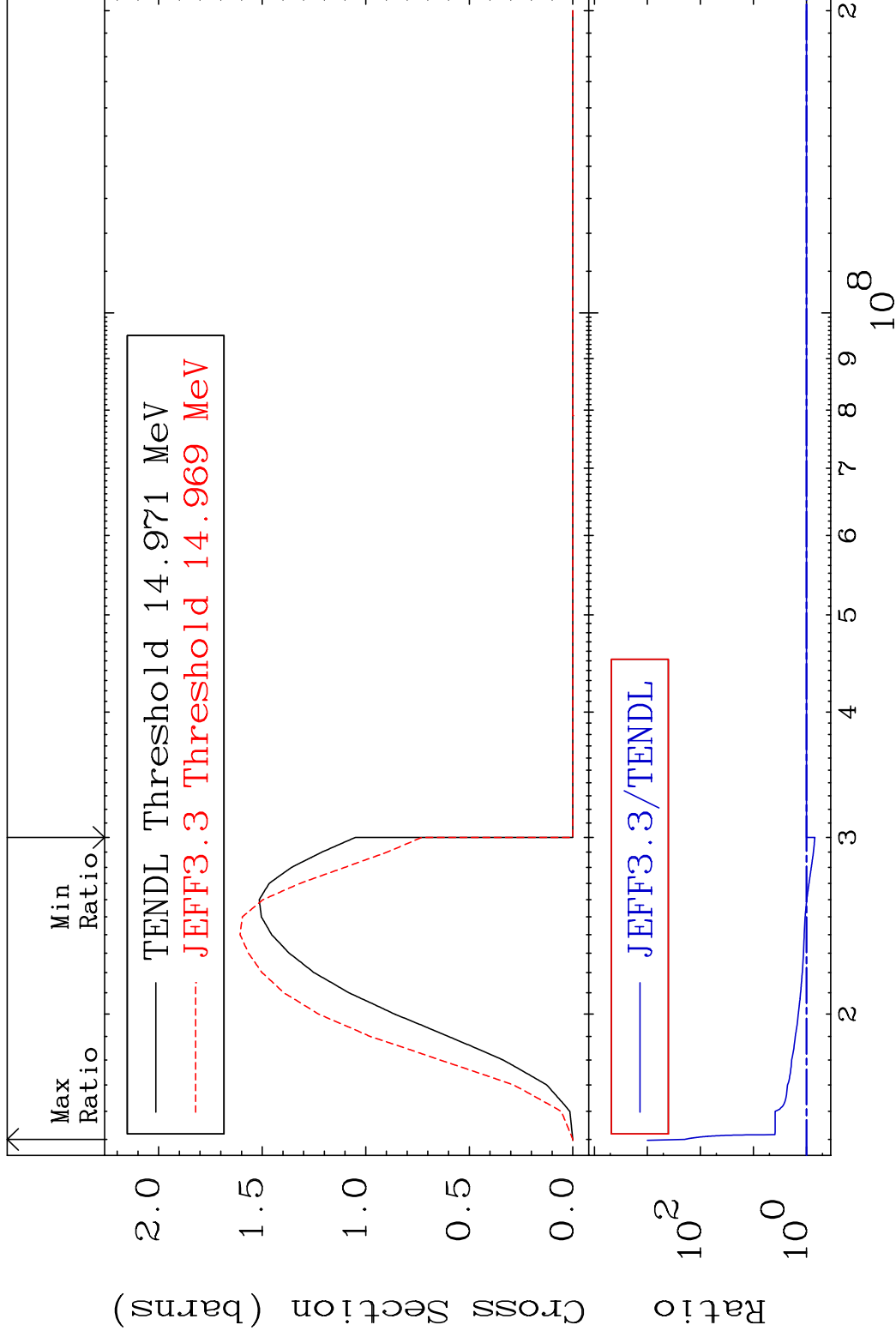
76-0s-186

MAT 7631

(n,3n)

76-0s-186

Cross Section -30.53 To 9999. %



7

Incident Energy (eV)

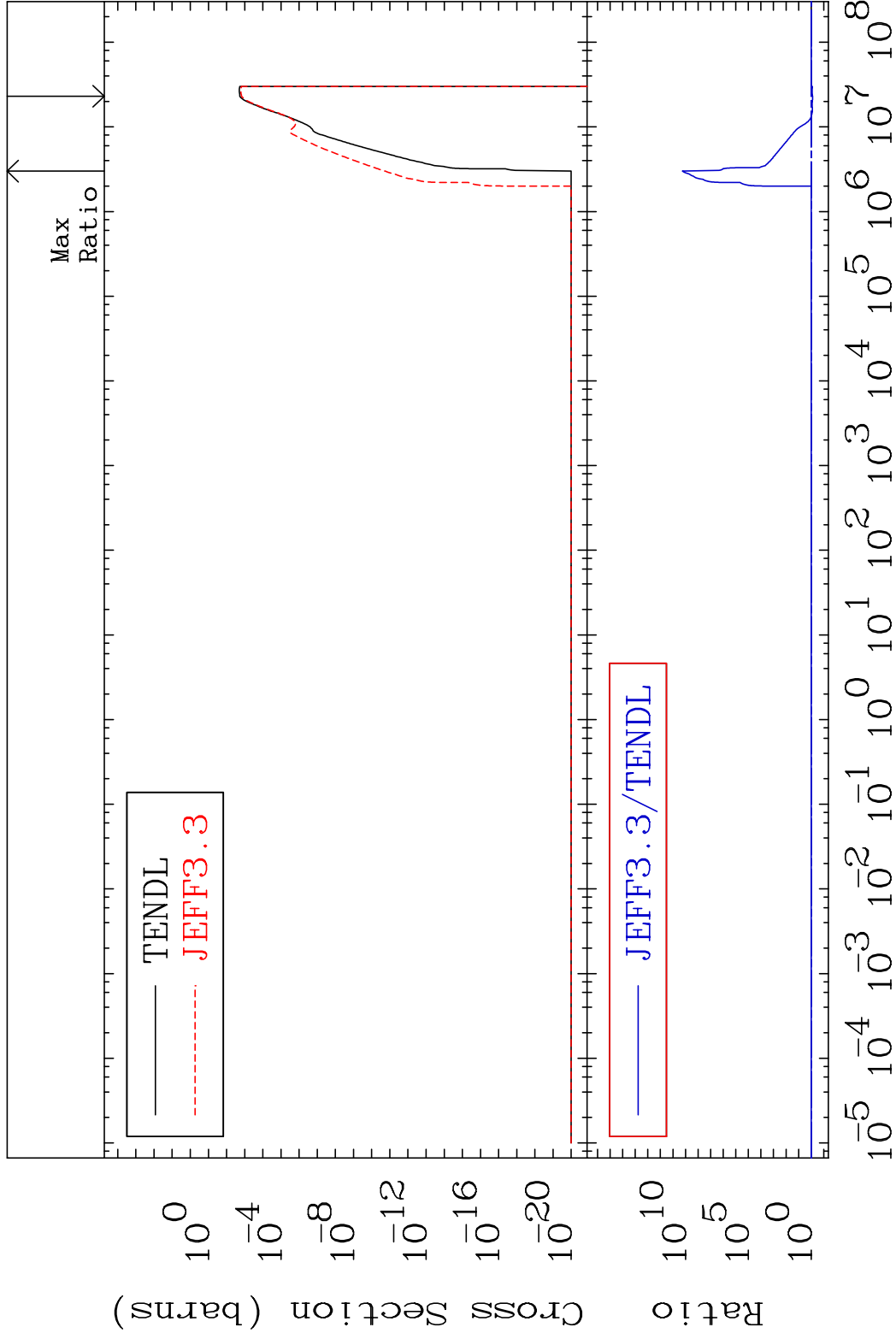
76-0s-186

MAT 7631

(n, n')  $\alpha$

76-0s-186

Cross Section -21.98 To 9999. %

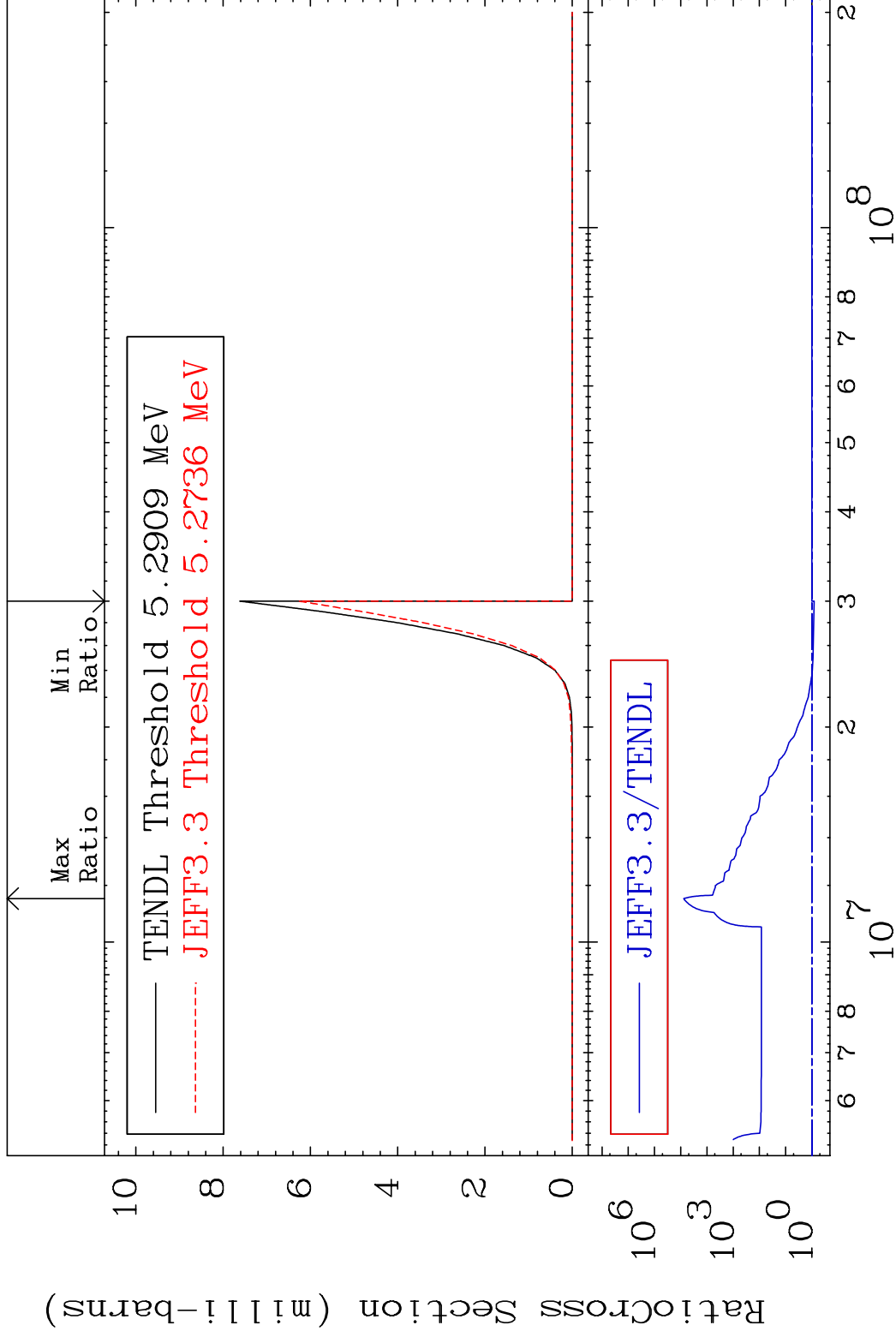


MAT 7631

(n,2n)  $\alpha$

76-0s-186

Cross Section -17.76 To 9999. %



9

Incident Energy (eV)

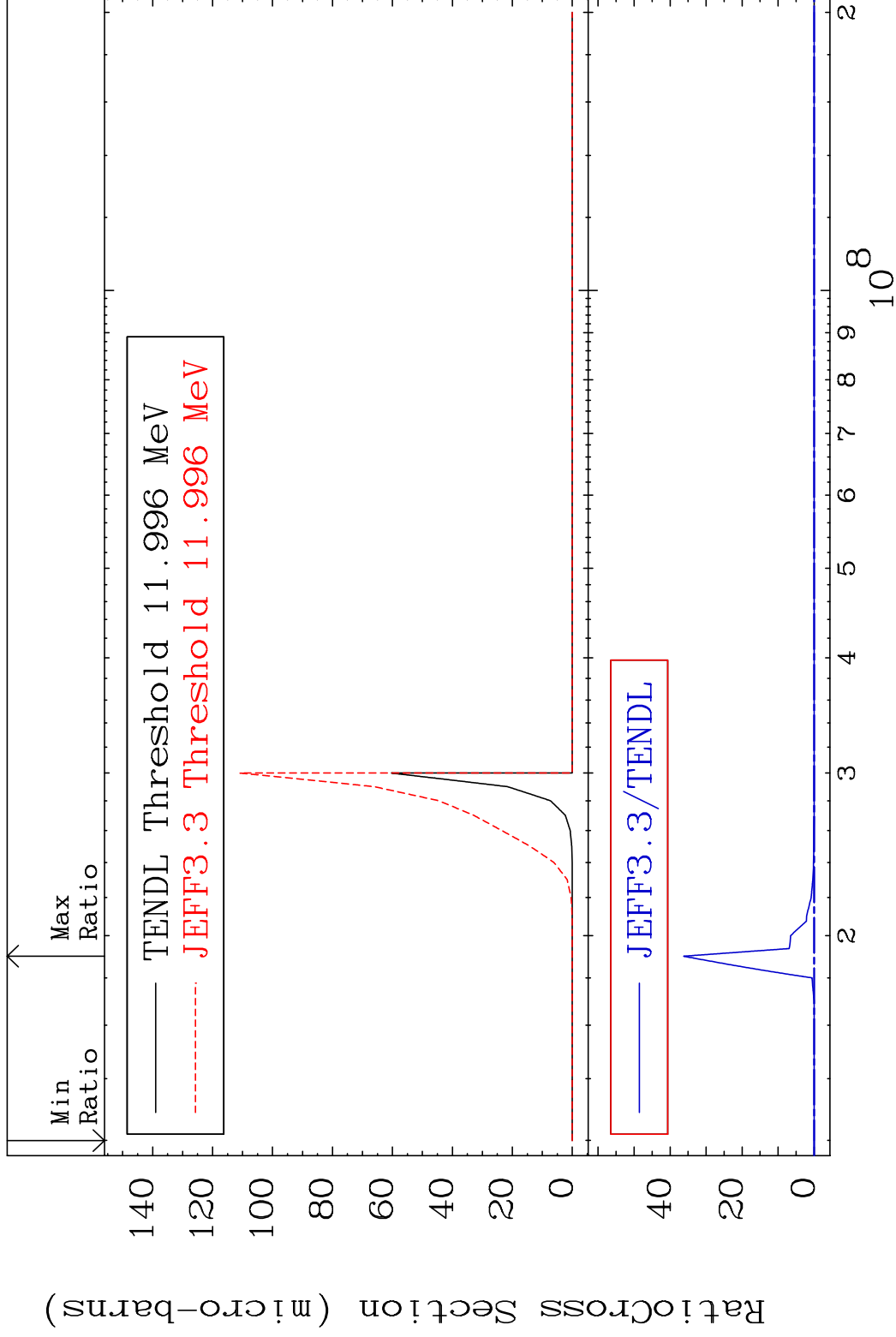
76-0s-186

MAT 7631

(n,3n)  $\alpha$

76-0s-186

Cross Section -100.0 To 9999. %



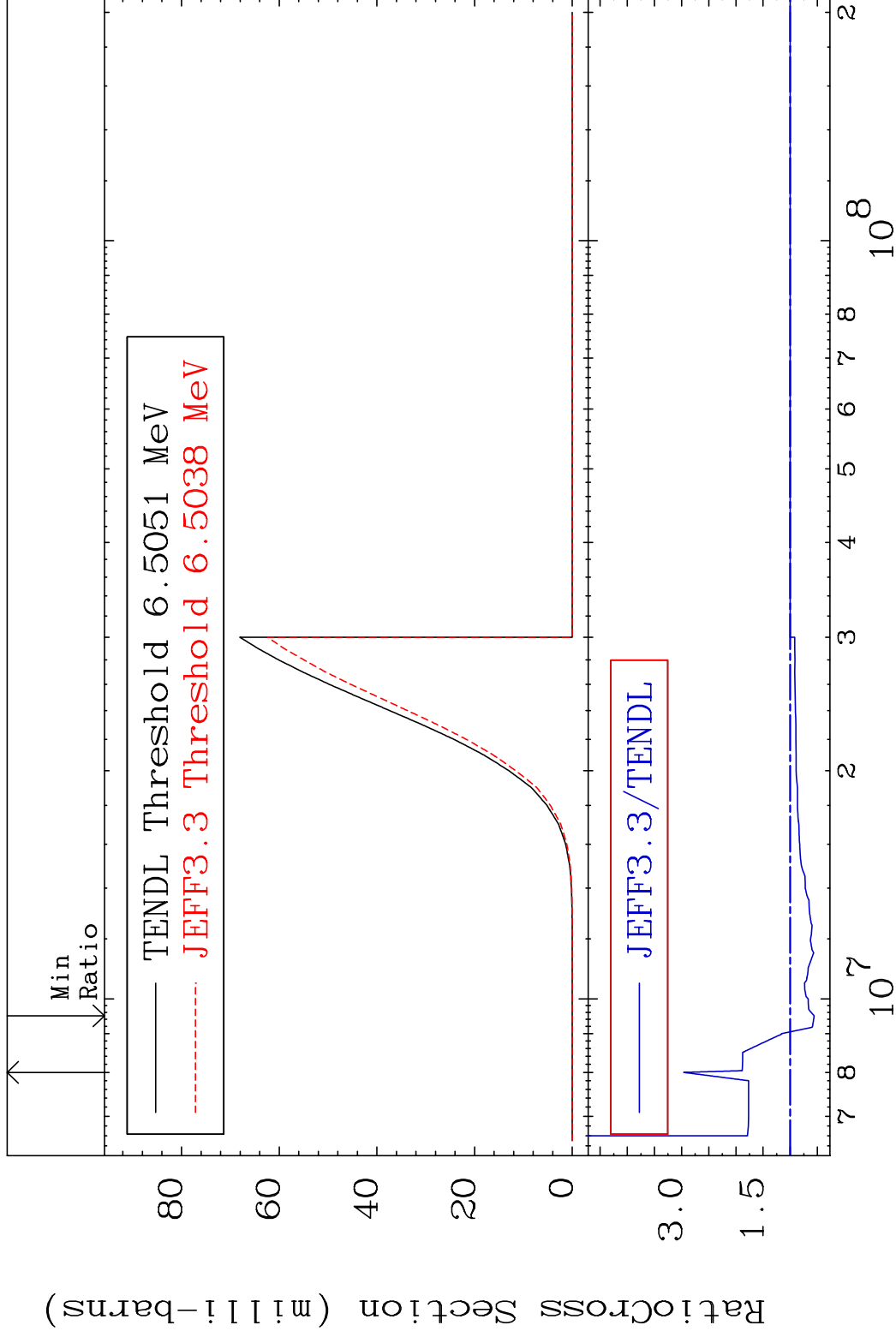
10

Incident Energy (eV)

76-0s-186

MAT 7631

(n, n') p 76-0s-186  
Cross Section -44.01 To 196.2 %

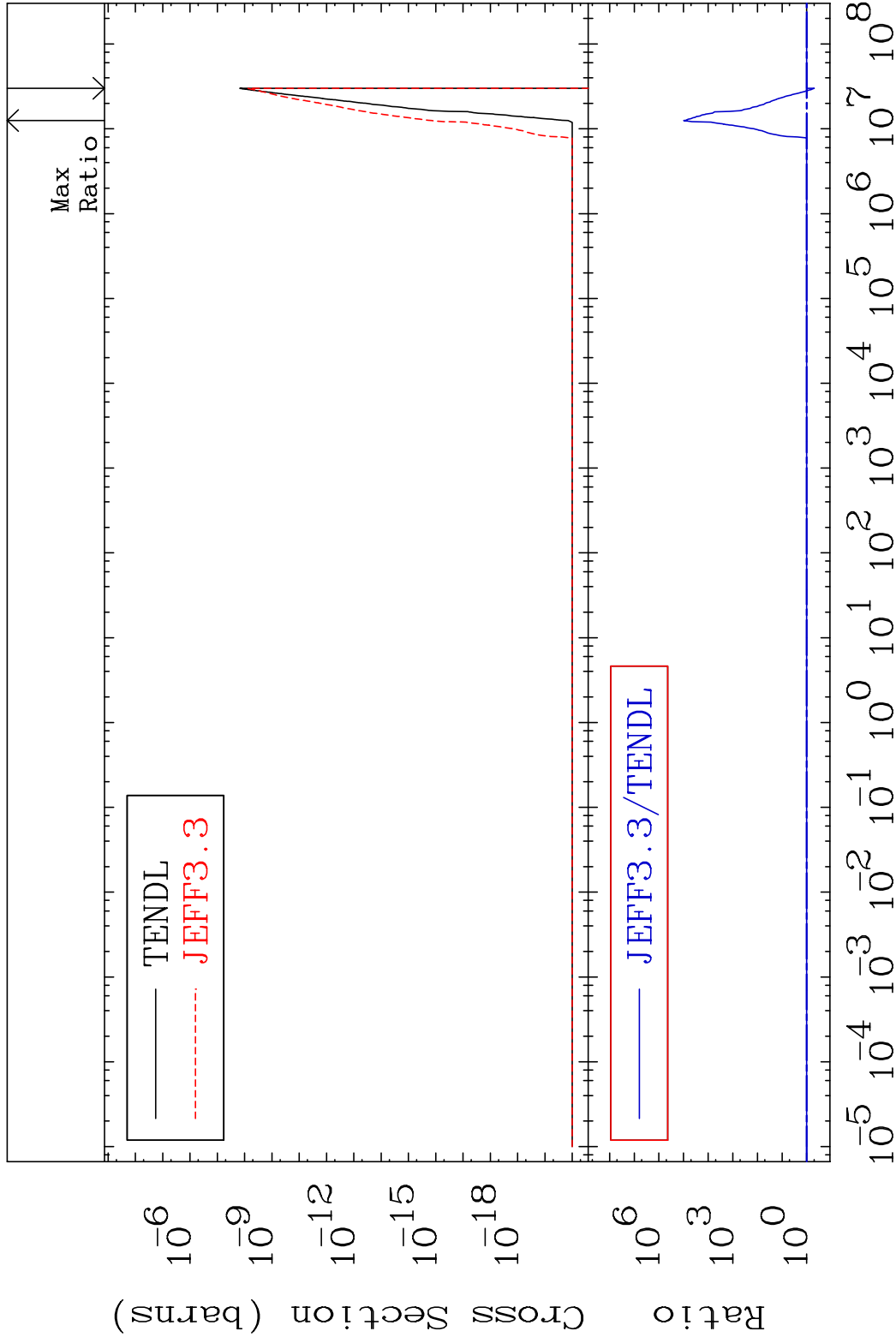


MAT 7631

(n, n') 2α

76-0s-186

Cross Section -49.83 To 9999. %



12

Incident Energy (eV)

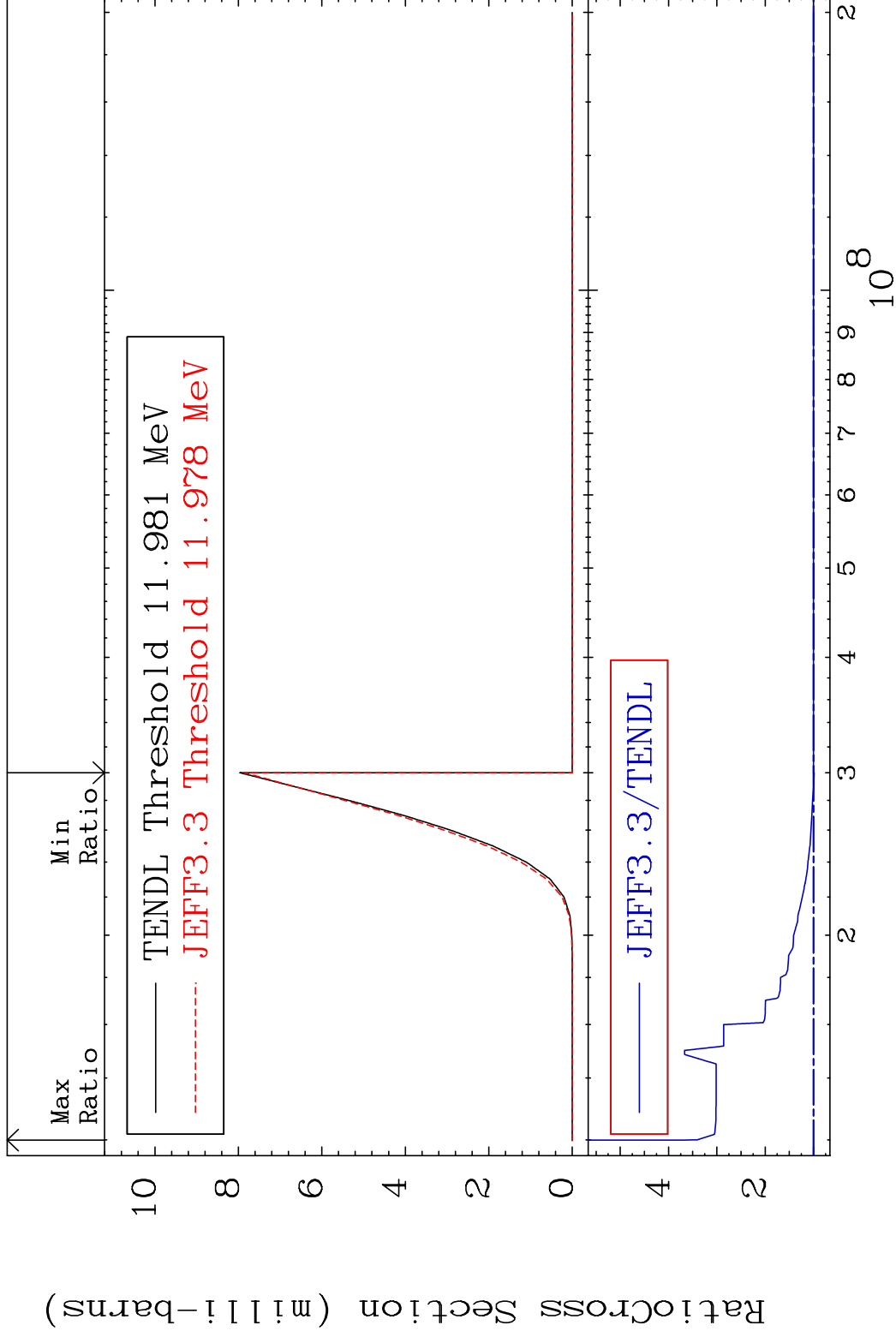
76-0s-186

MAT 7631

(n, n') d

76-0s-186

Cross Section -1.285 To 268.7 %

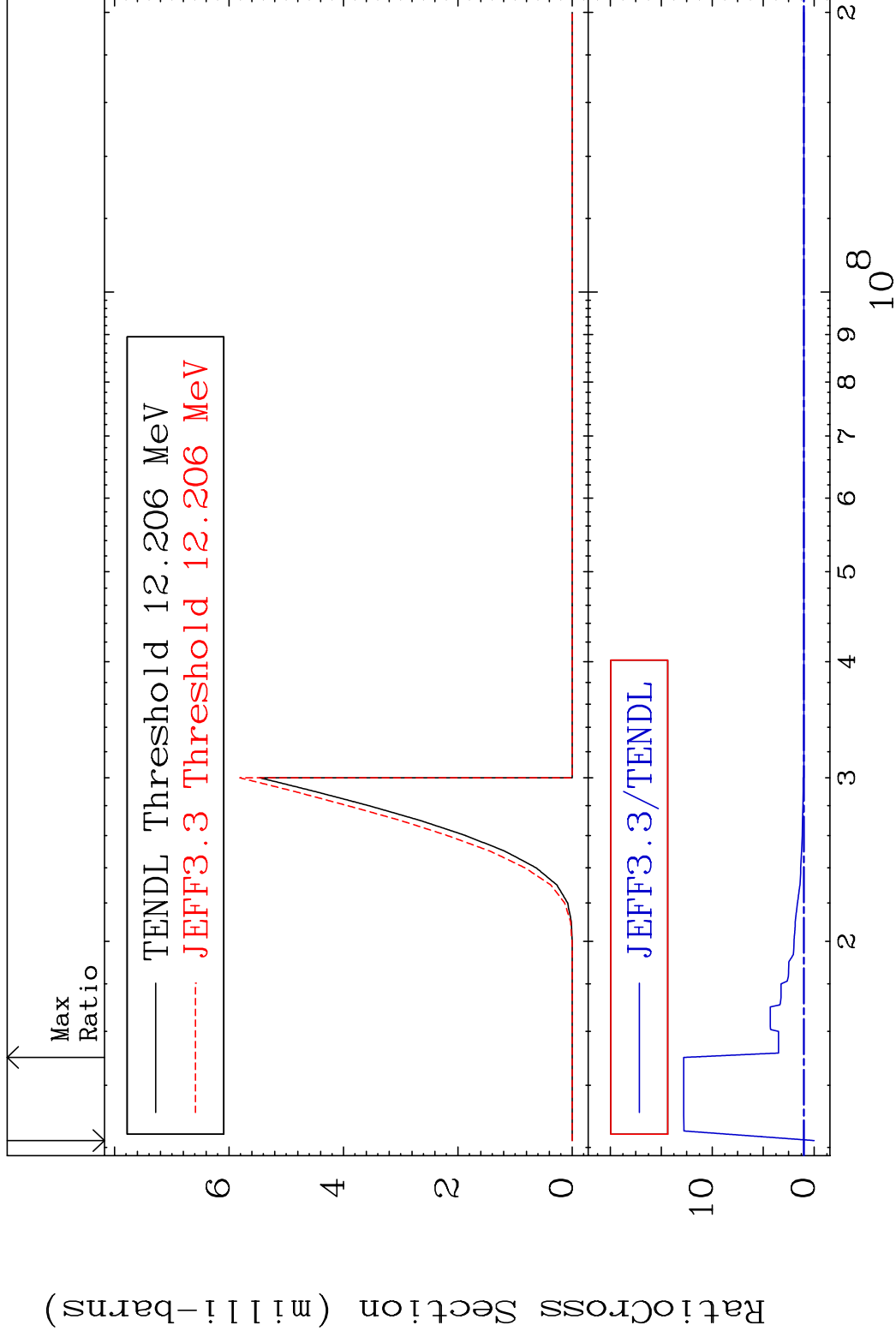


MAT 7631

(n, n') t

76-0s-186

Cross Section -100.0 To 1180. %



14

Incident Energy (eV)

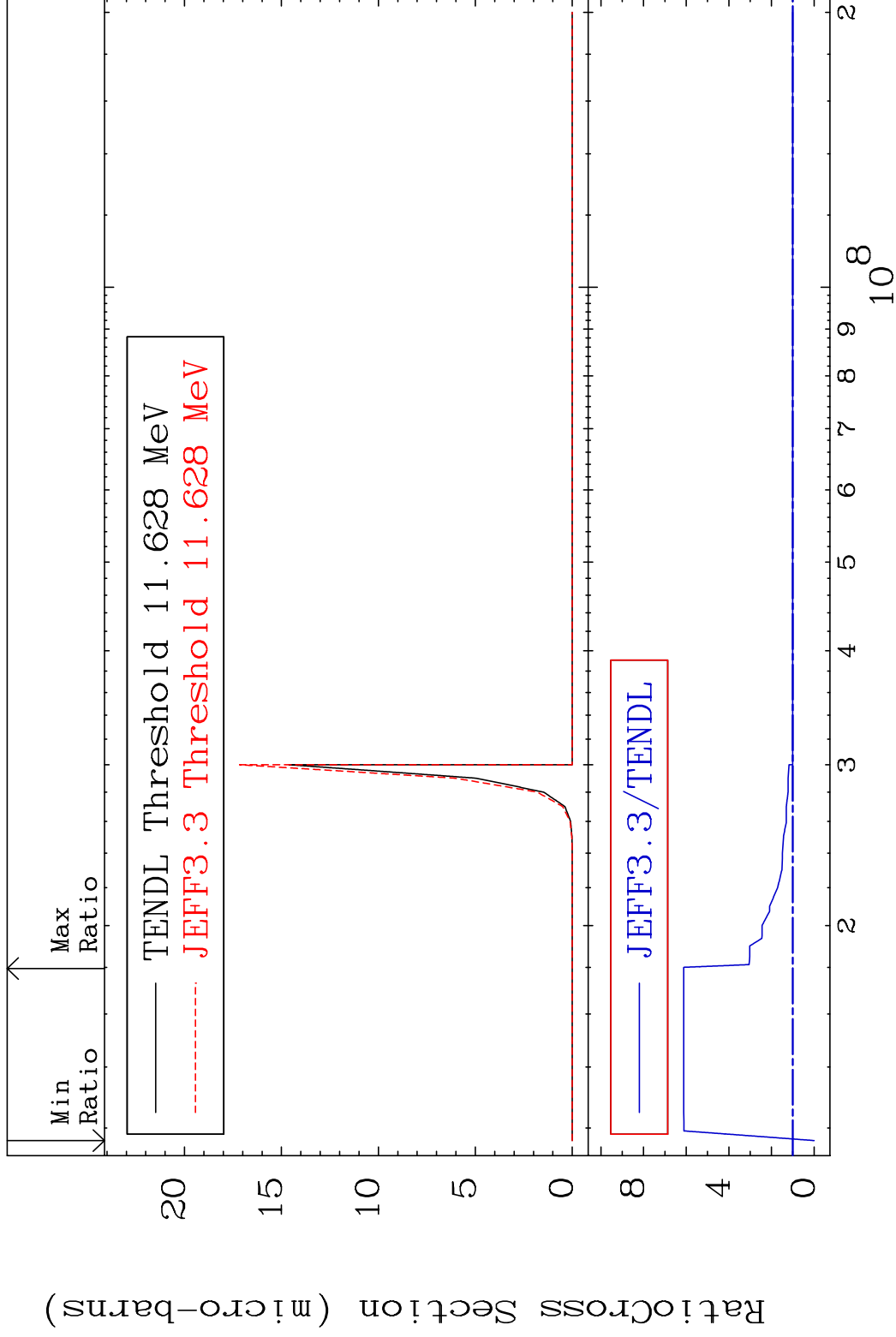
76-0s-186

MAT 7631

(n,n') He-3

76-0s-186

Cross Section -100.0 To 512.0 %



15

Incident Energy (eV)

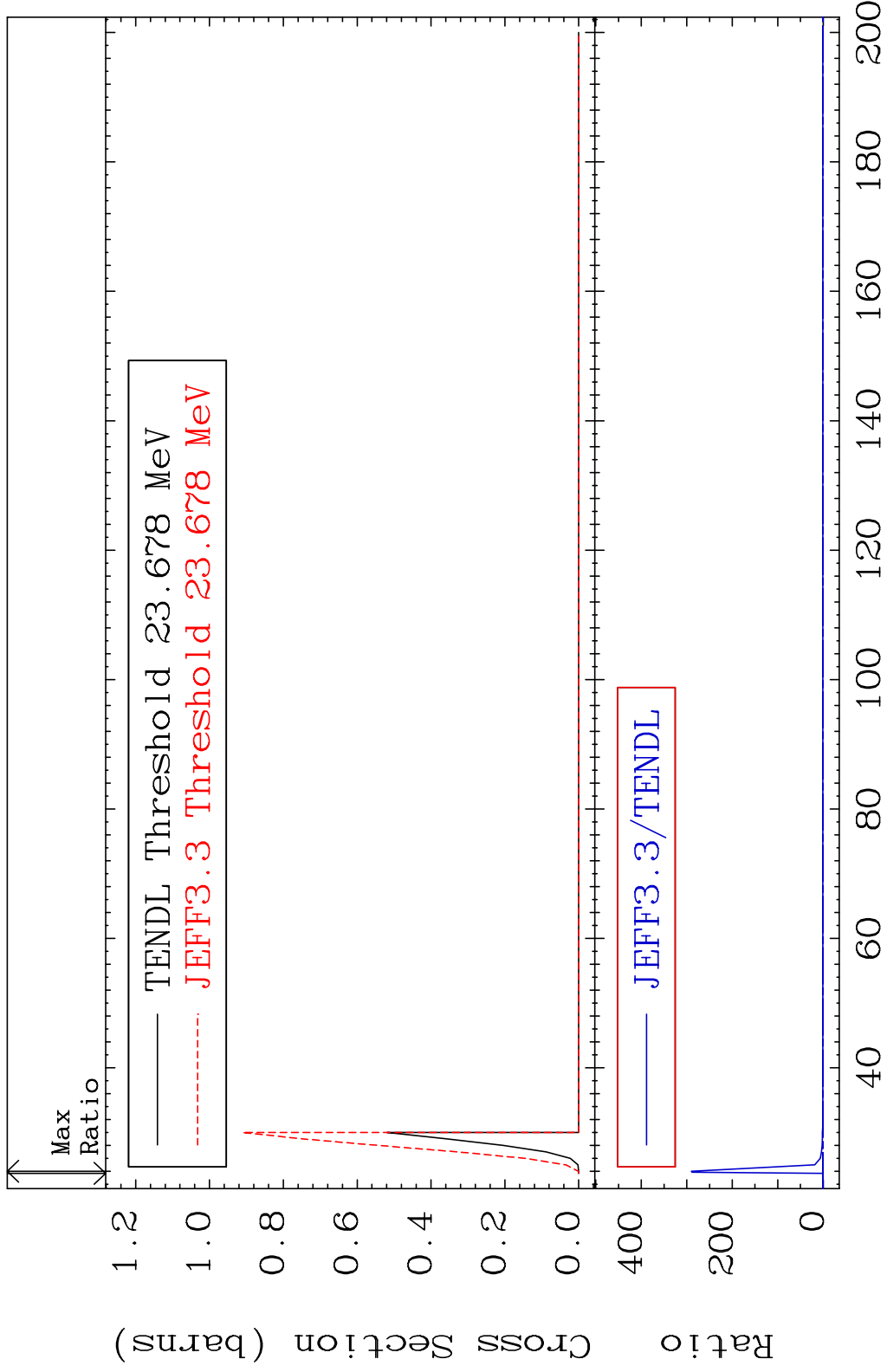
76-0s-186

MAT 7631

(n,4n)

76-0s-186

Cross Section -100.0 To 9999. %

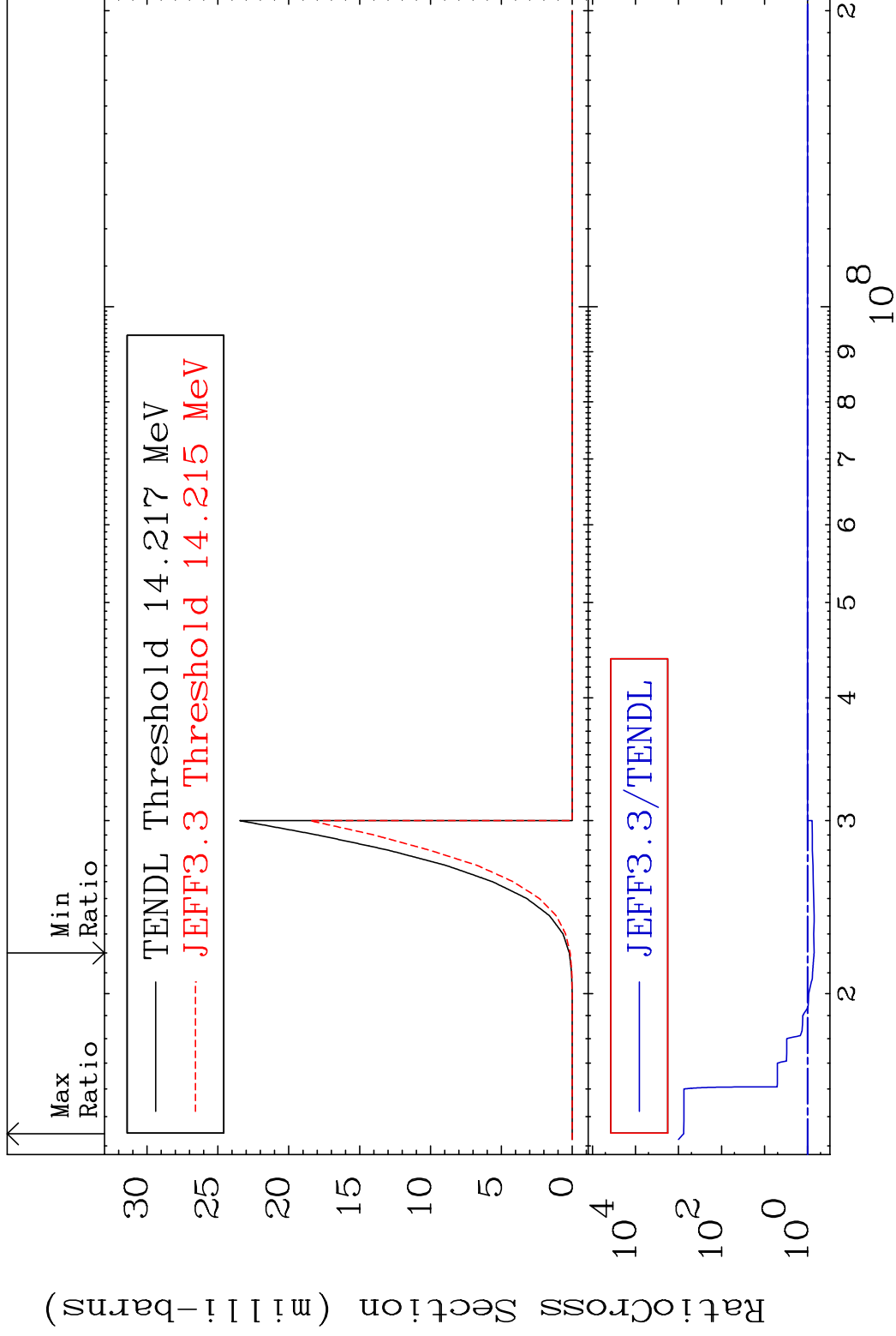


MAT 7631

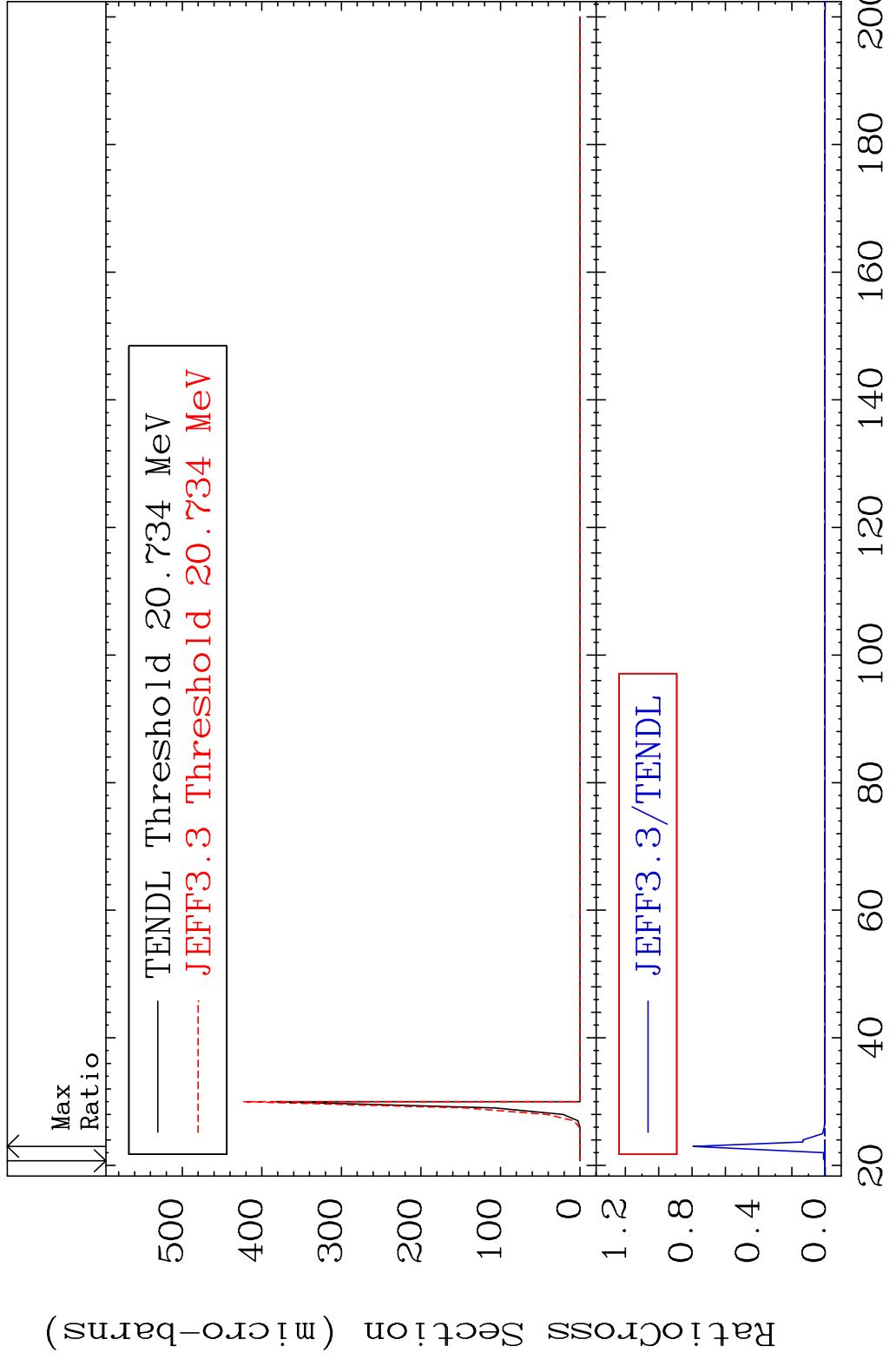
(n,2n) p

76-0s-186

Cross Section -29.32 To 9999. %



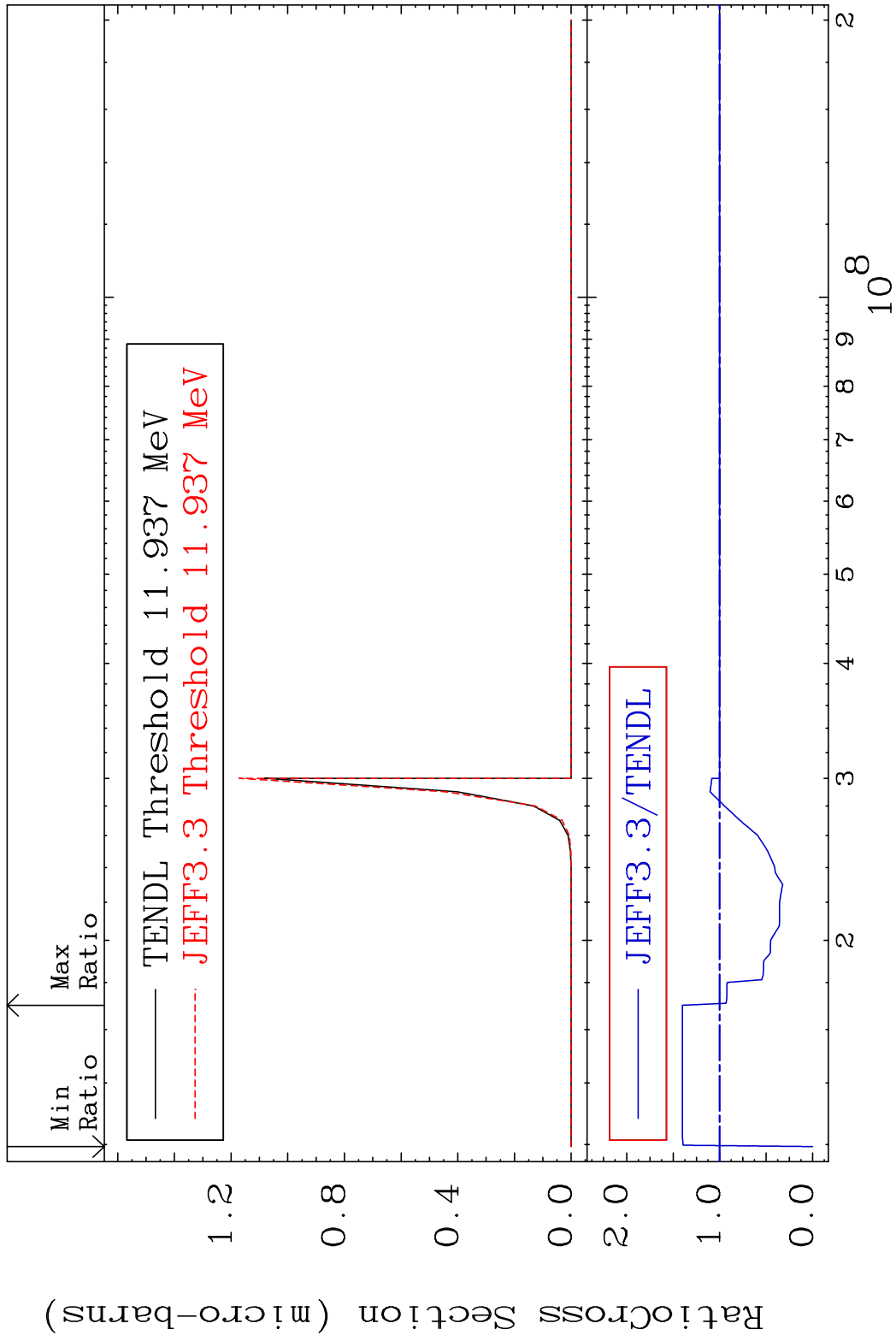
MAT 7631 (n,3n) p 76-0s-186  
 Cross Section -100.0 To 9999. %



MAT 7631

(n,2n) p 76-0s-186

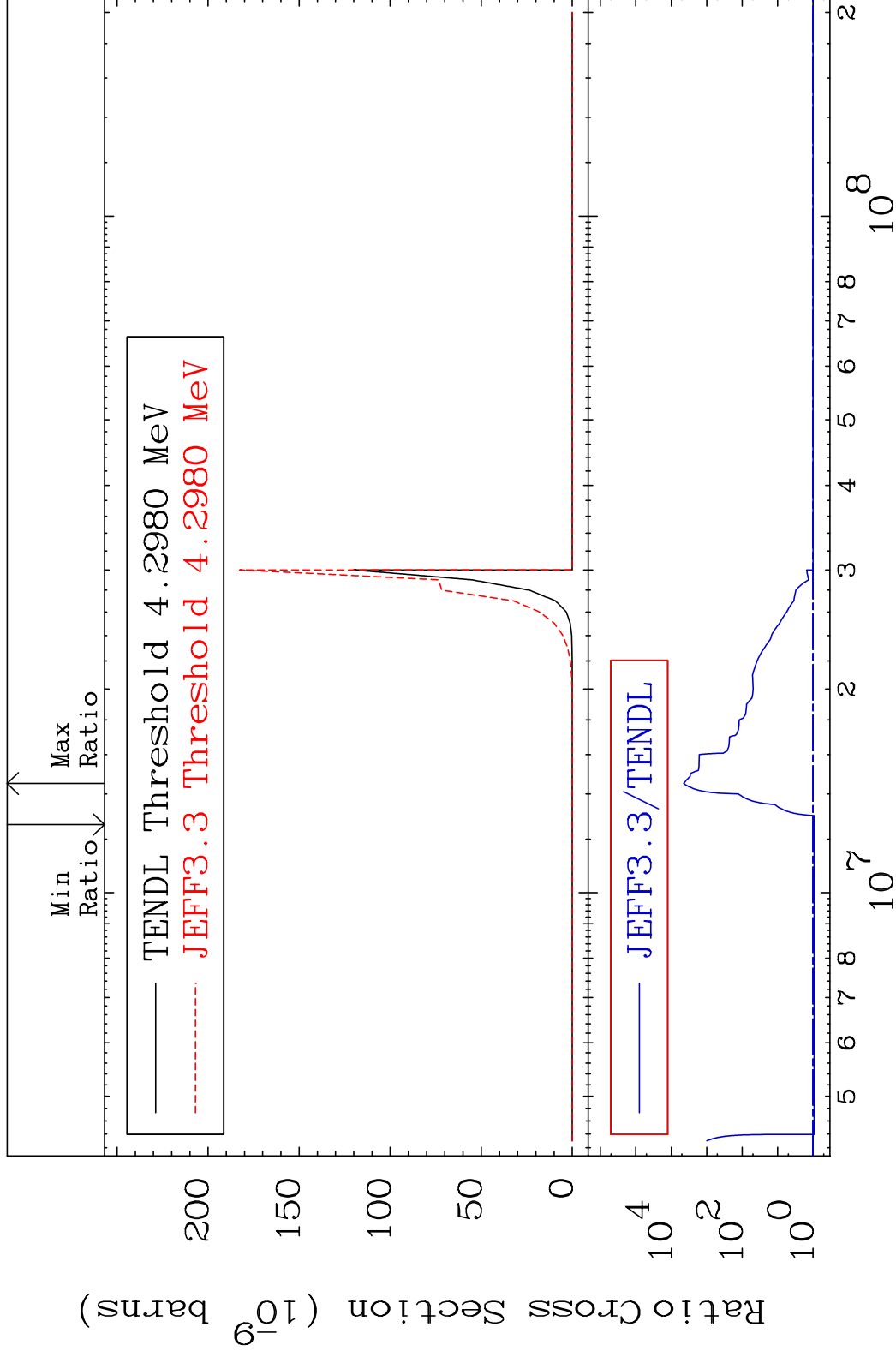
Cross Section -100.0 To 40.15 %



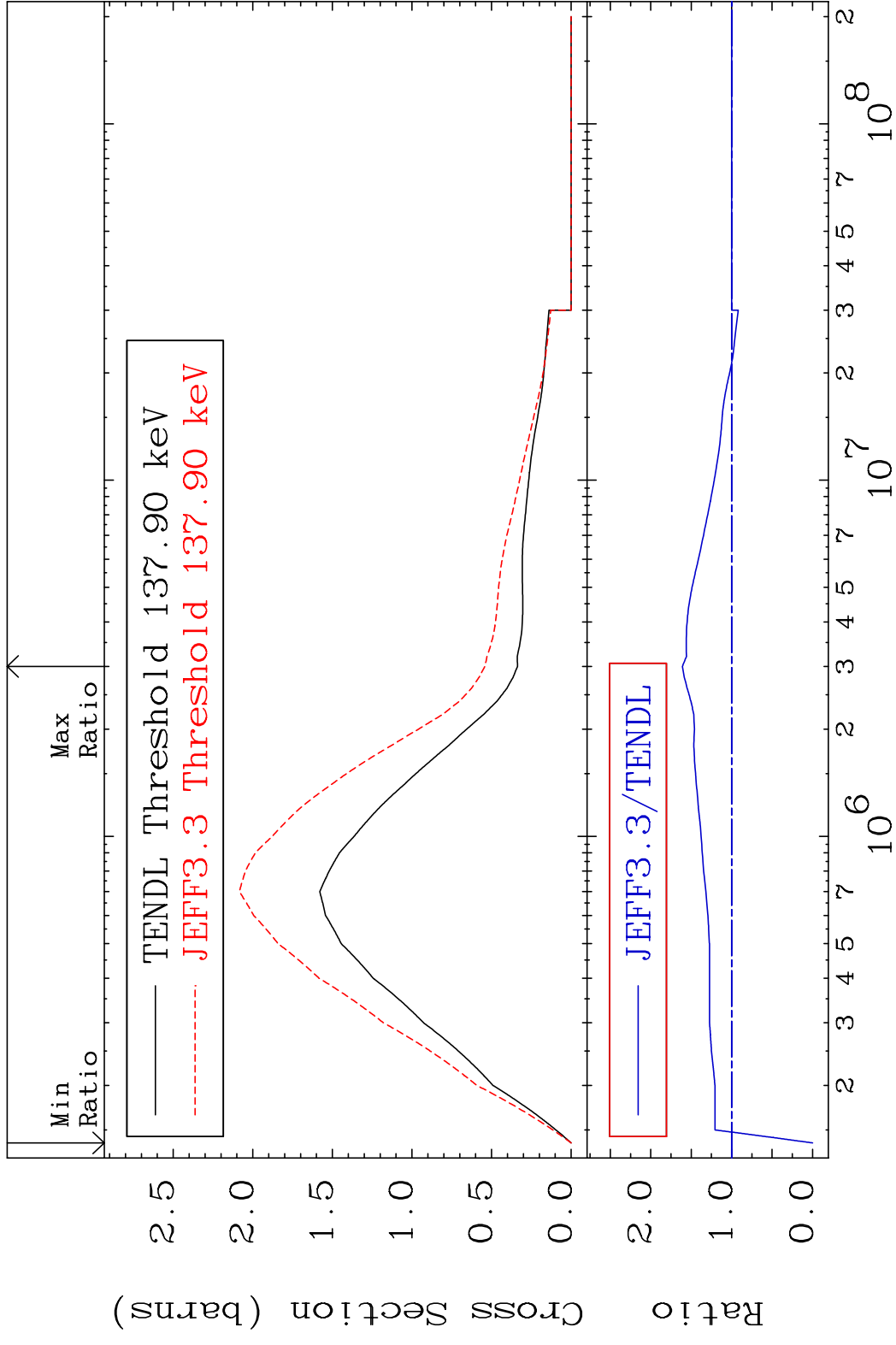
MAT 7631

(n,n') p  $\alpha$  76-0s-186

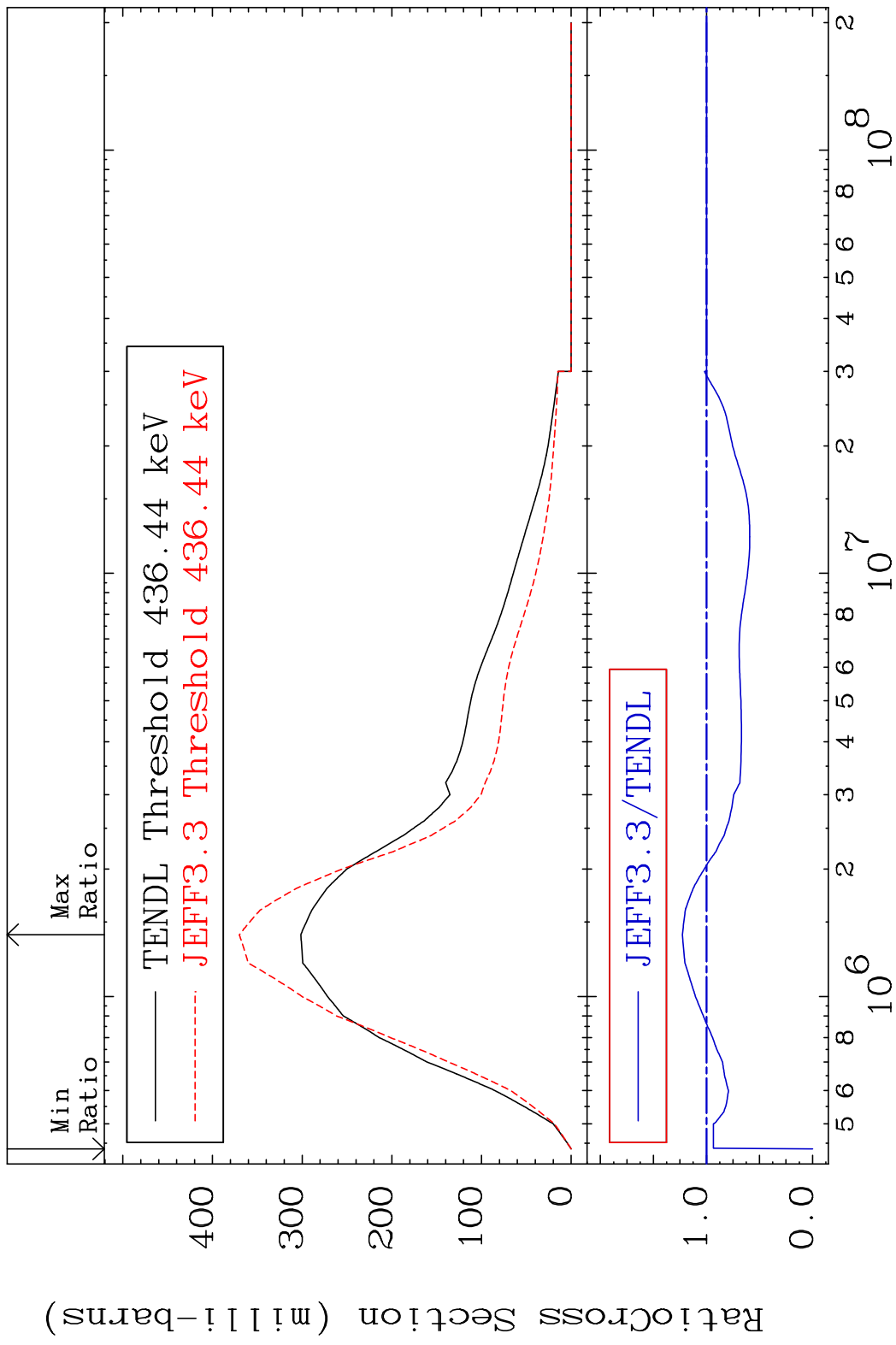
Cross Section -6.649 To 9999. %



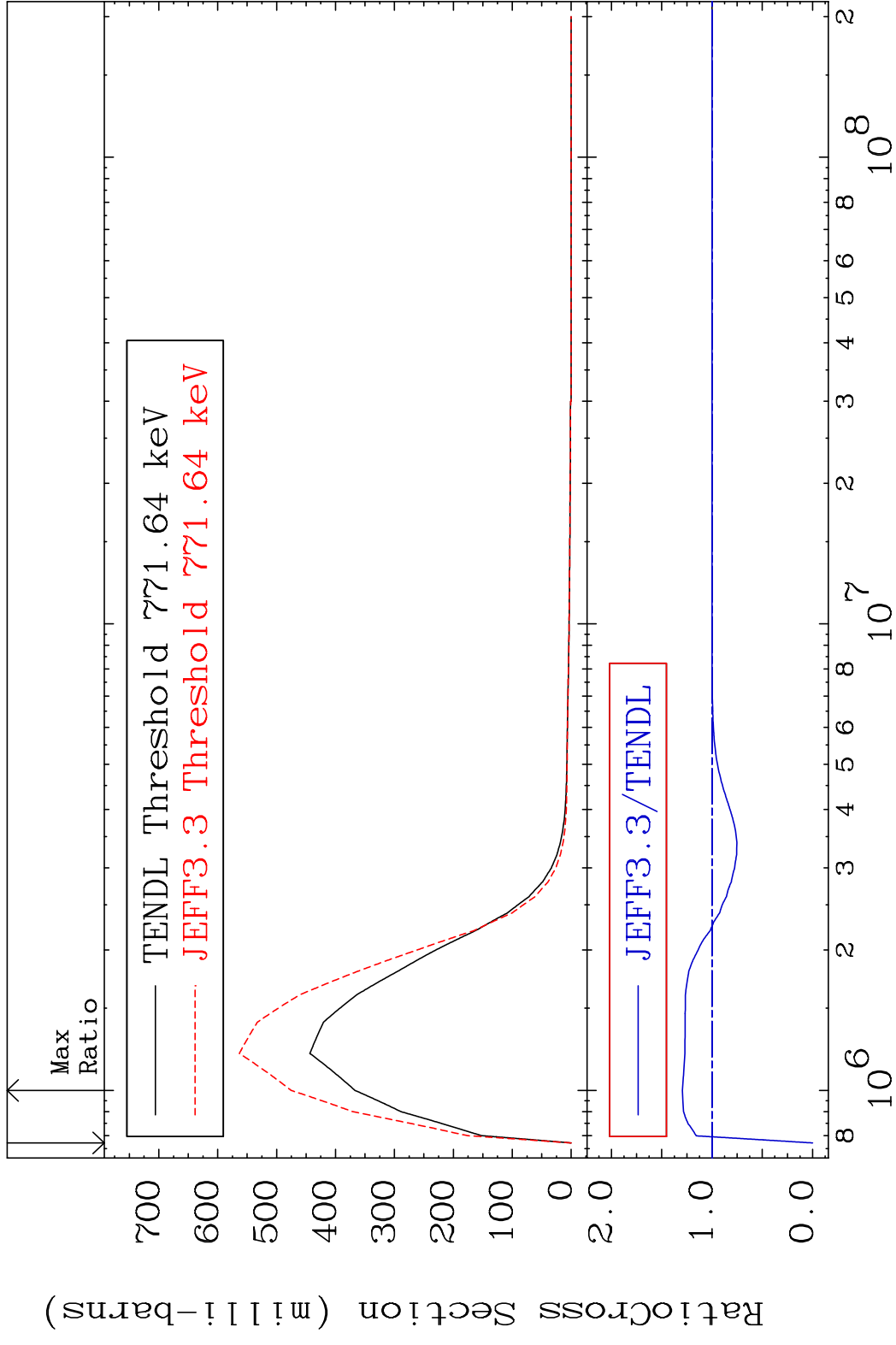
MAT 7631 MT= 51 (n, n') Level 76-0s-186  
 Cross Section -100.0 To 60.93 %



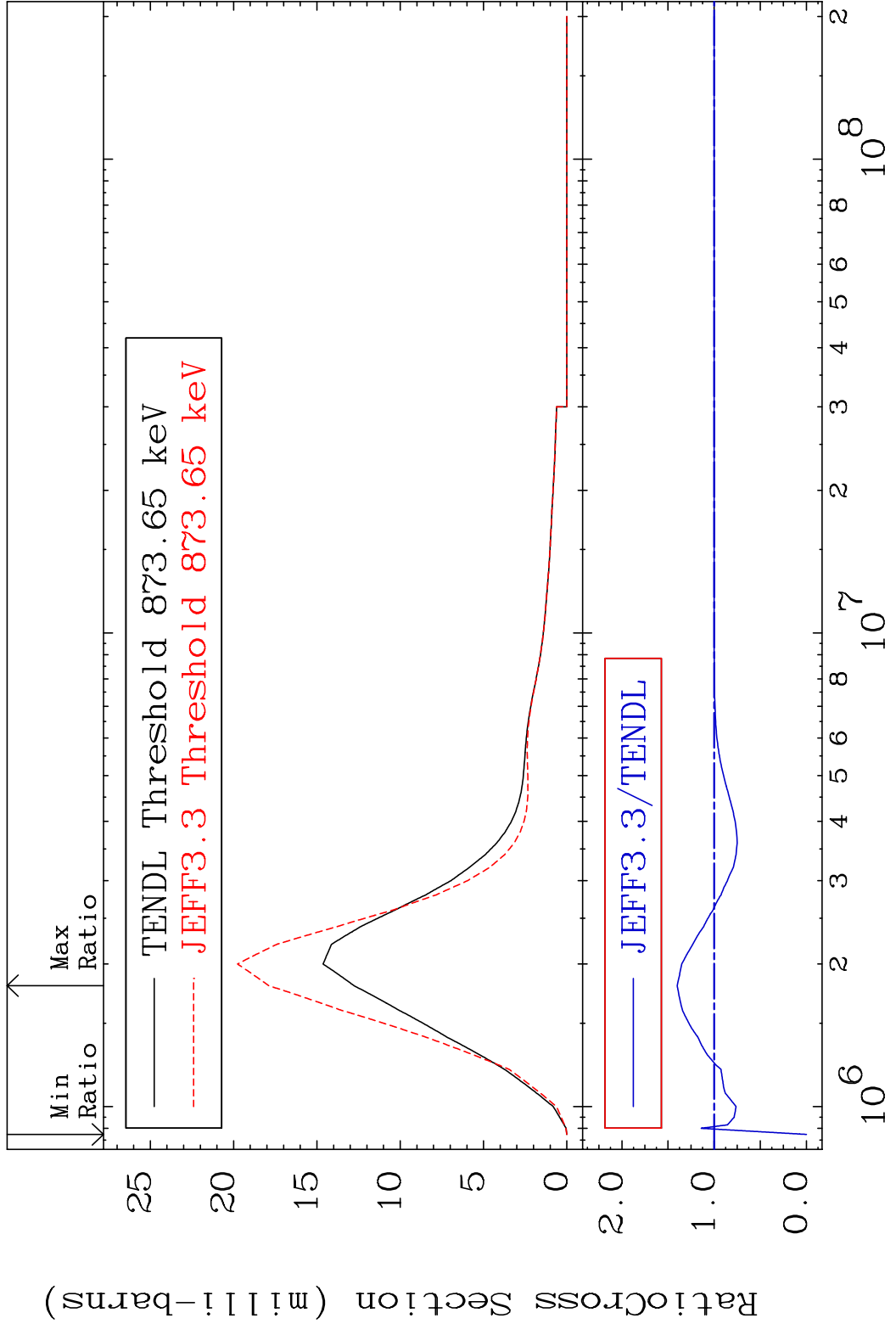
MAT 7631 MT= 52 (n, n') Level 76-0s-186  
 Cross Section -100.0 To 22.73 %



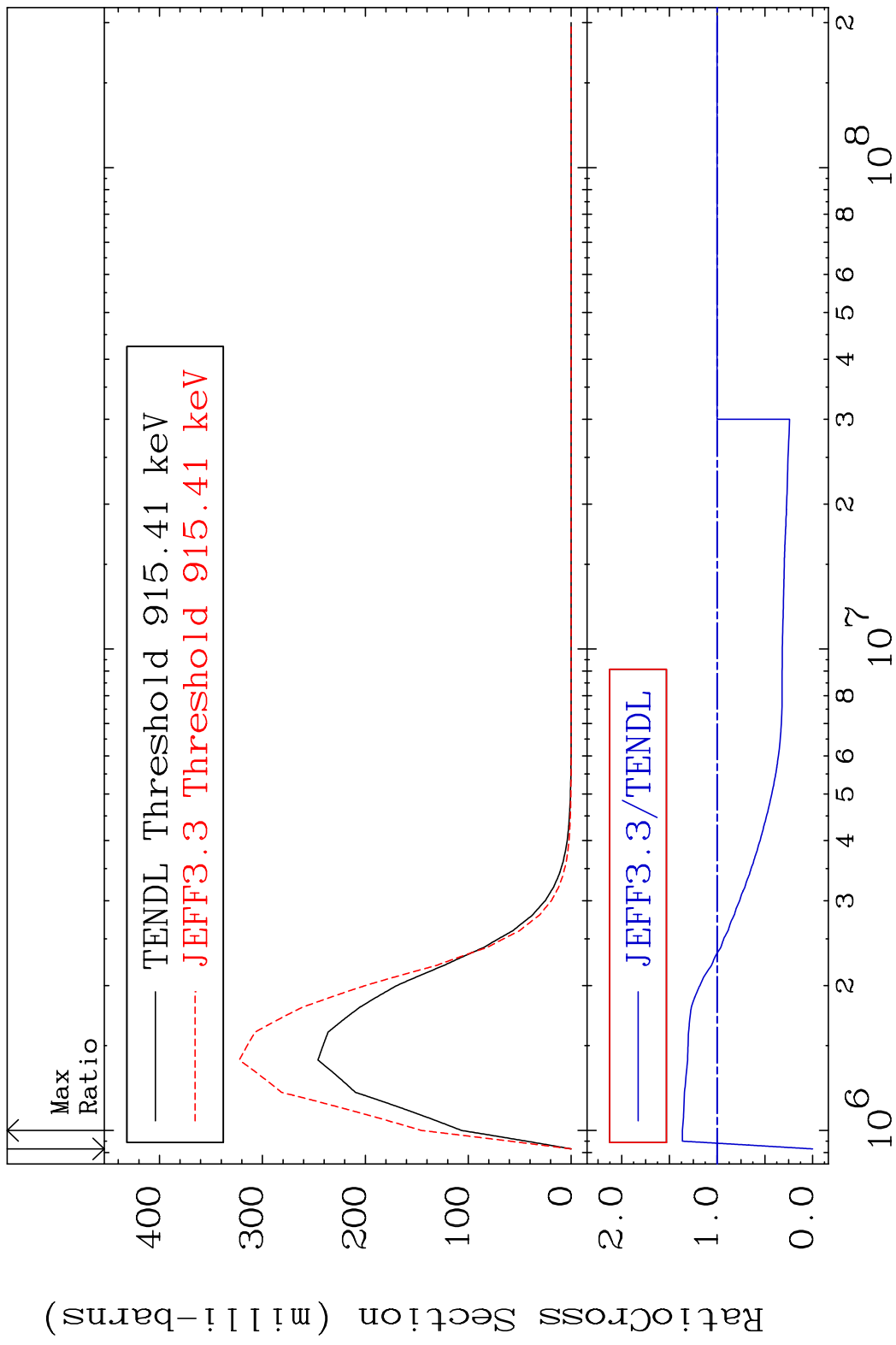
MAT 7631 MT= 53 (n, n') Level 76-0s-186  
 Cross Section -100.0 To 29.50 %



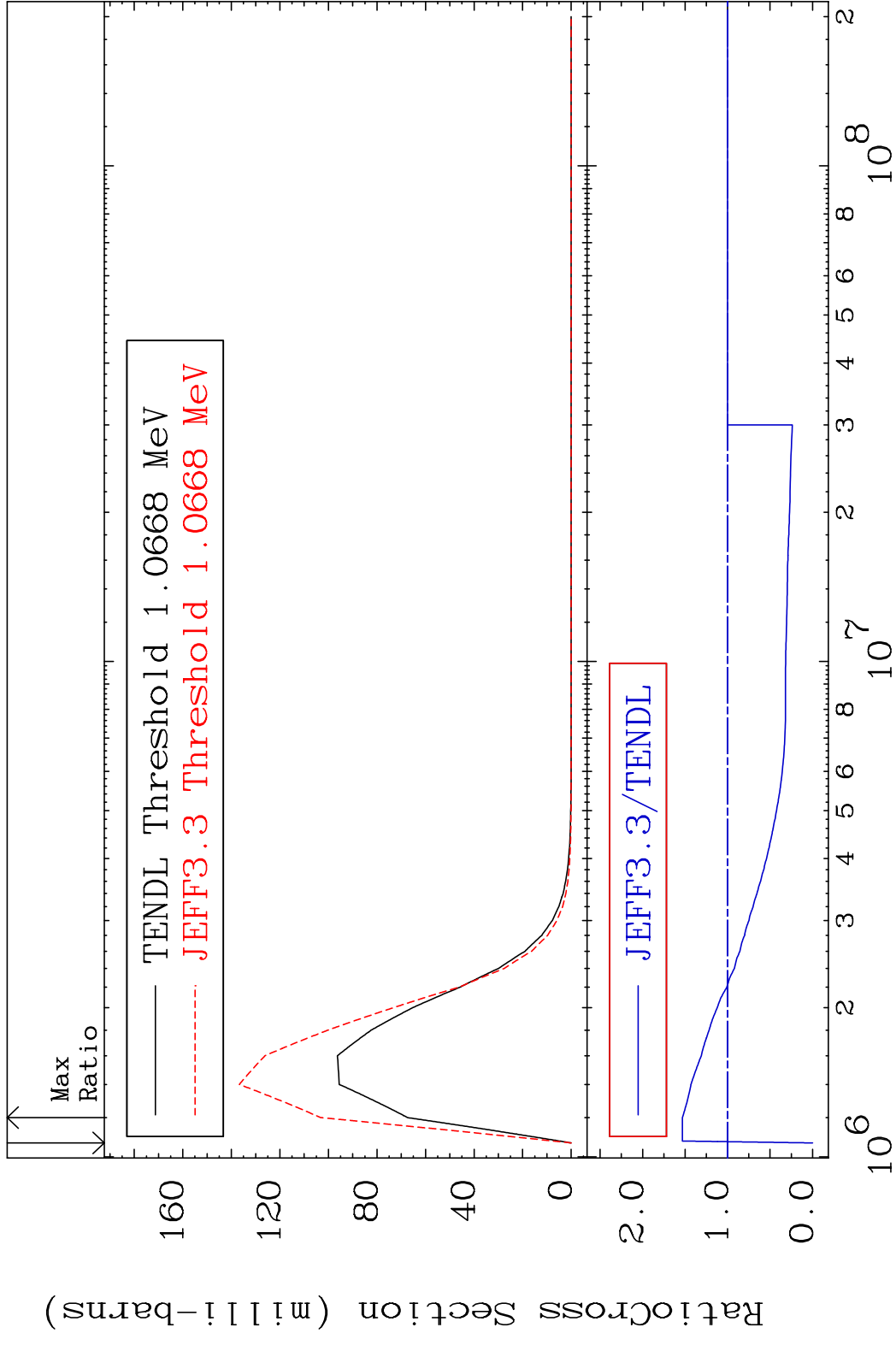
MAT 7631 MT= 54 (n,n') Level 76-0s-186  
 Cross Section -100.0 To 40.07 %



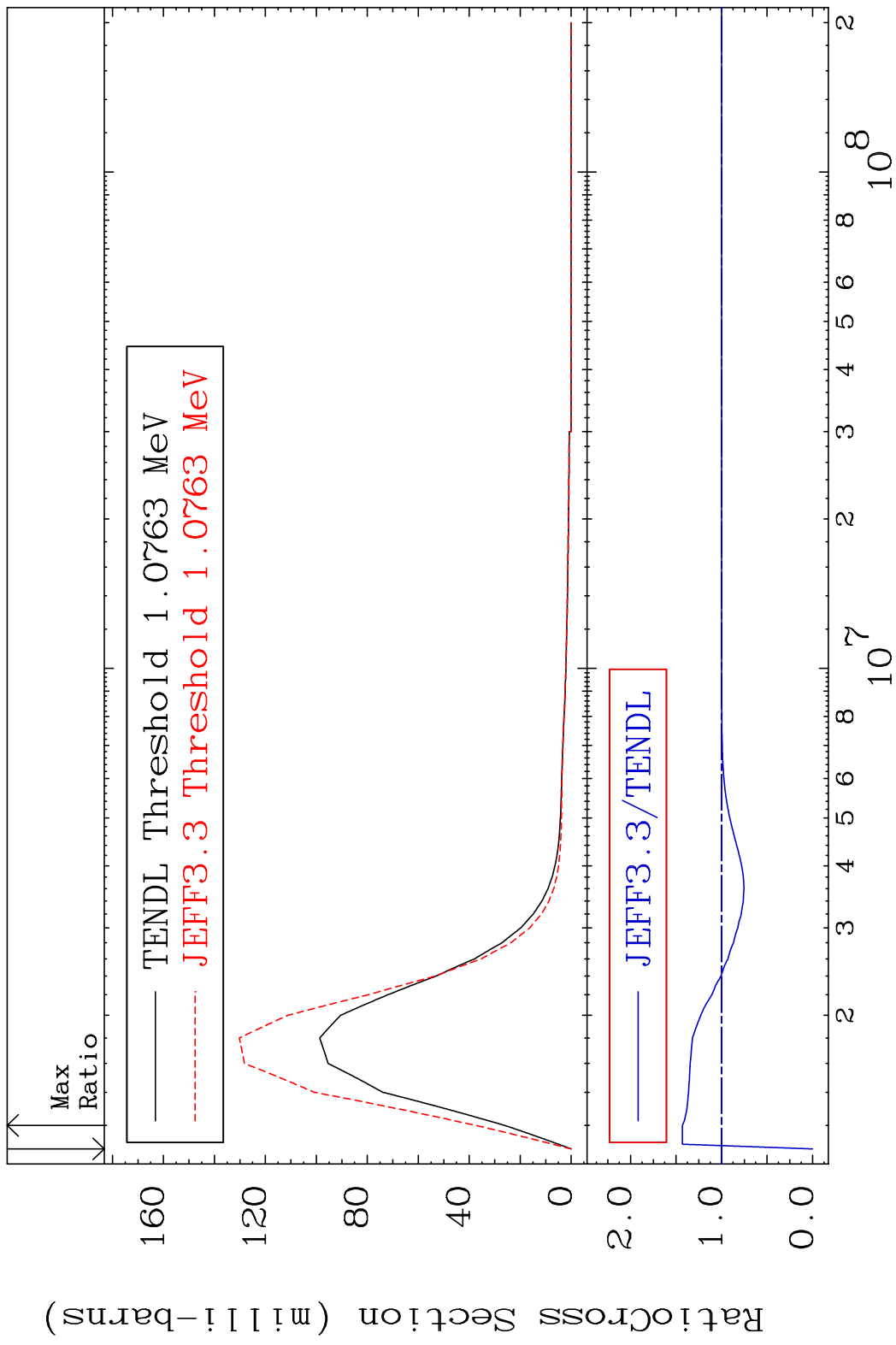
MAT 7631 MT= 55 (n,n') Level 76-0s-186  
 Cross Section -100.0 To 36.49 %



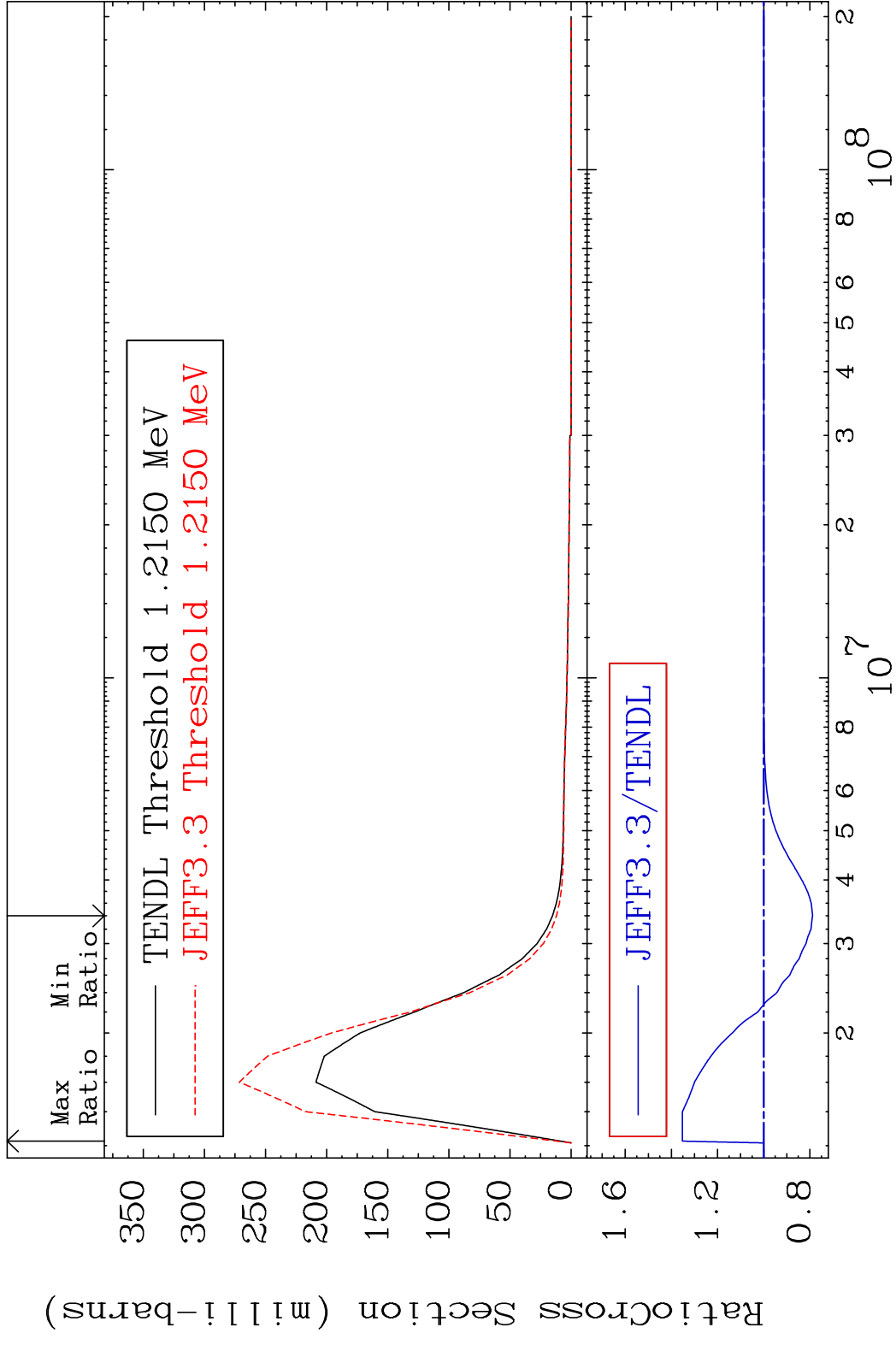
MAT 7631 MT= 56 (n,n') Level 76-0s-186  
 Cross Section -100.0 To 53.22 %



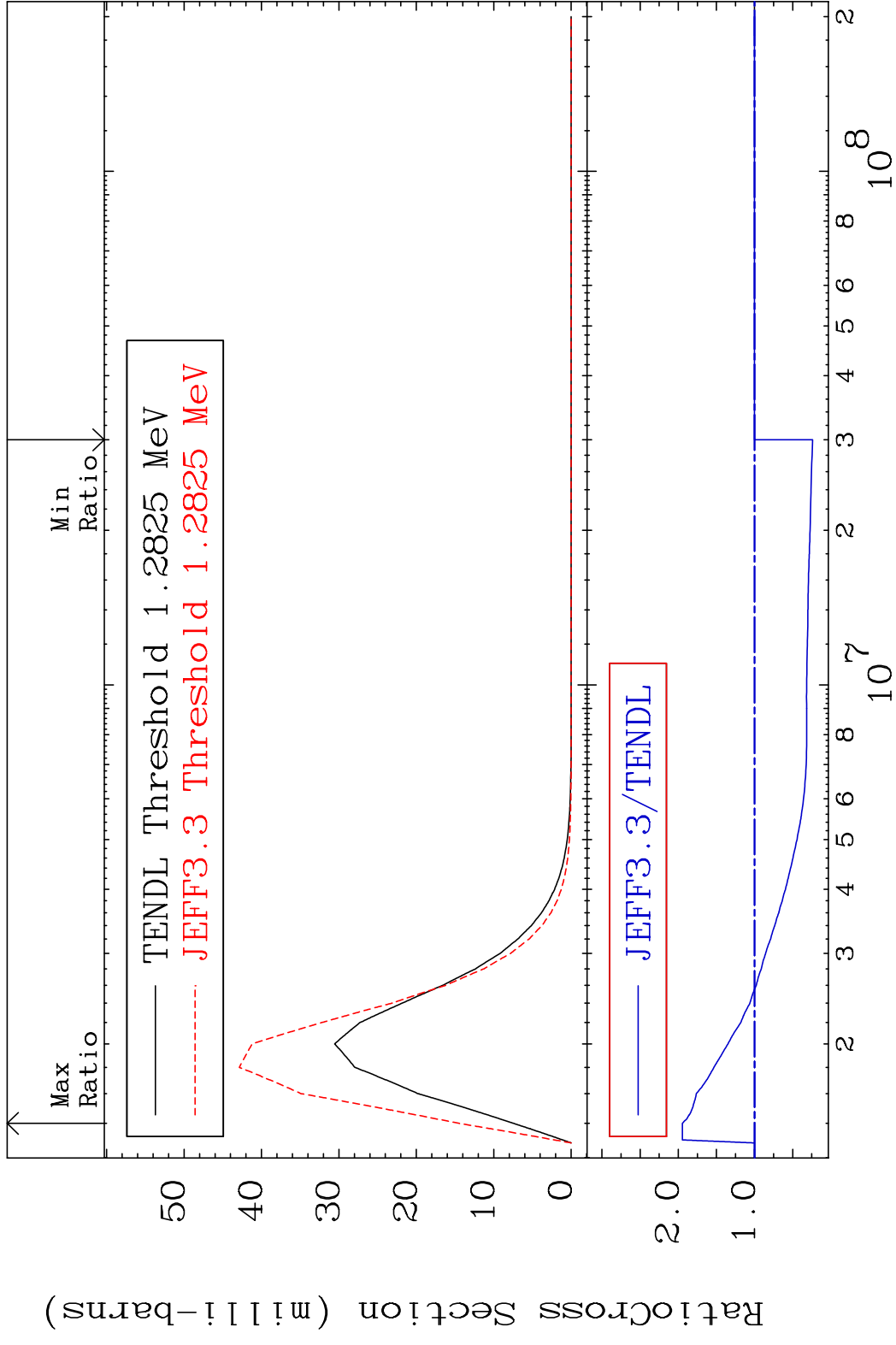
MAT 7631 MT= 57 (n,n') Level 76-0s-186  
 Cross Section -100.0 To 43.11 %



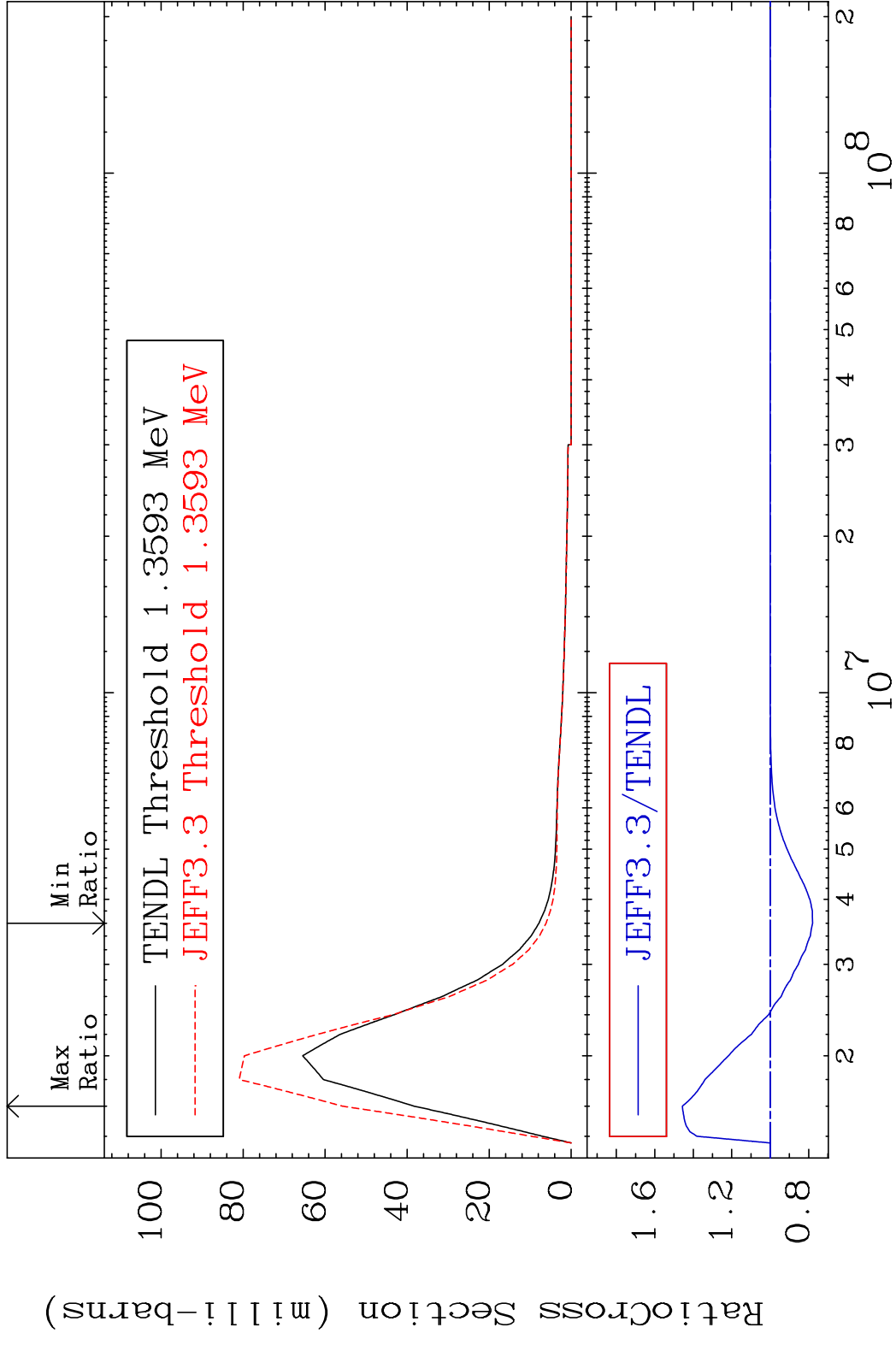
MAT 7631 MT= 58 (n,n') Level 76-0s-186  
 Cross Section -21.16 To 35.26 %



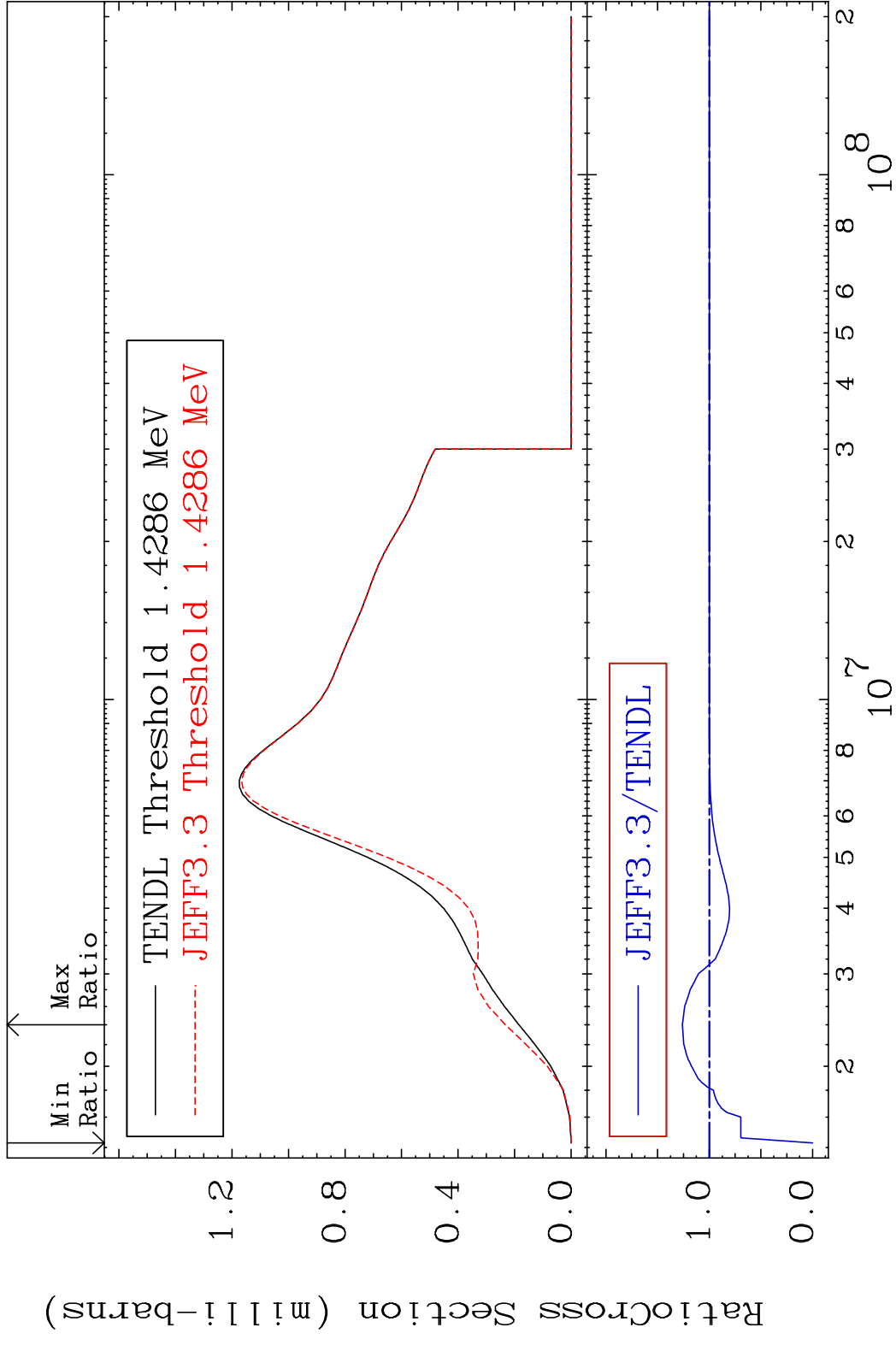
MAT 7631 MT= 59 (n, n') Level 76-0s-186  
 Cross Section -76.01 To 94.65 %



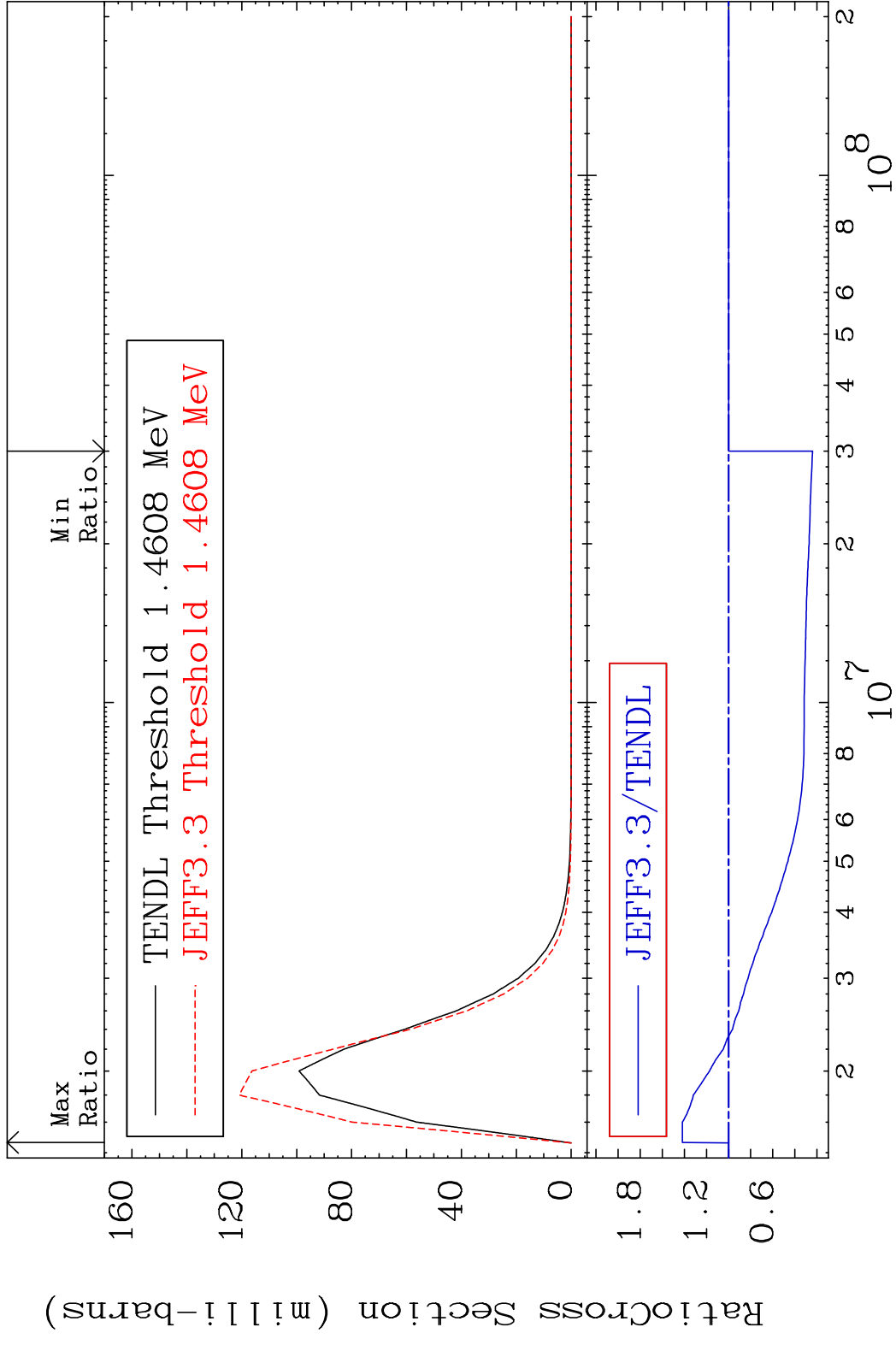
MAT 7631 MT= 60 (n,n') Level 76-0s-186  
 Cross Section -22.01 To 45.67 %



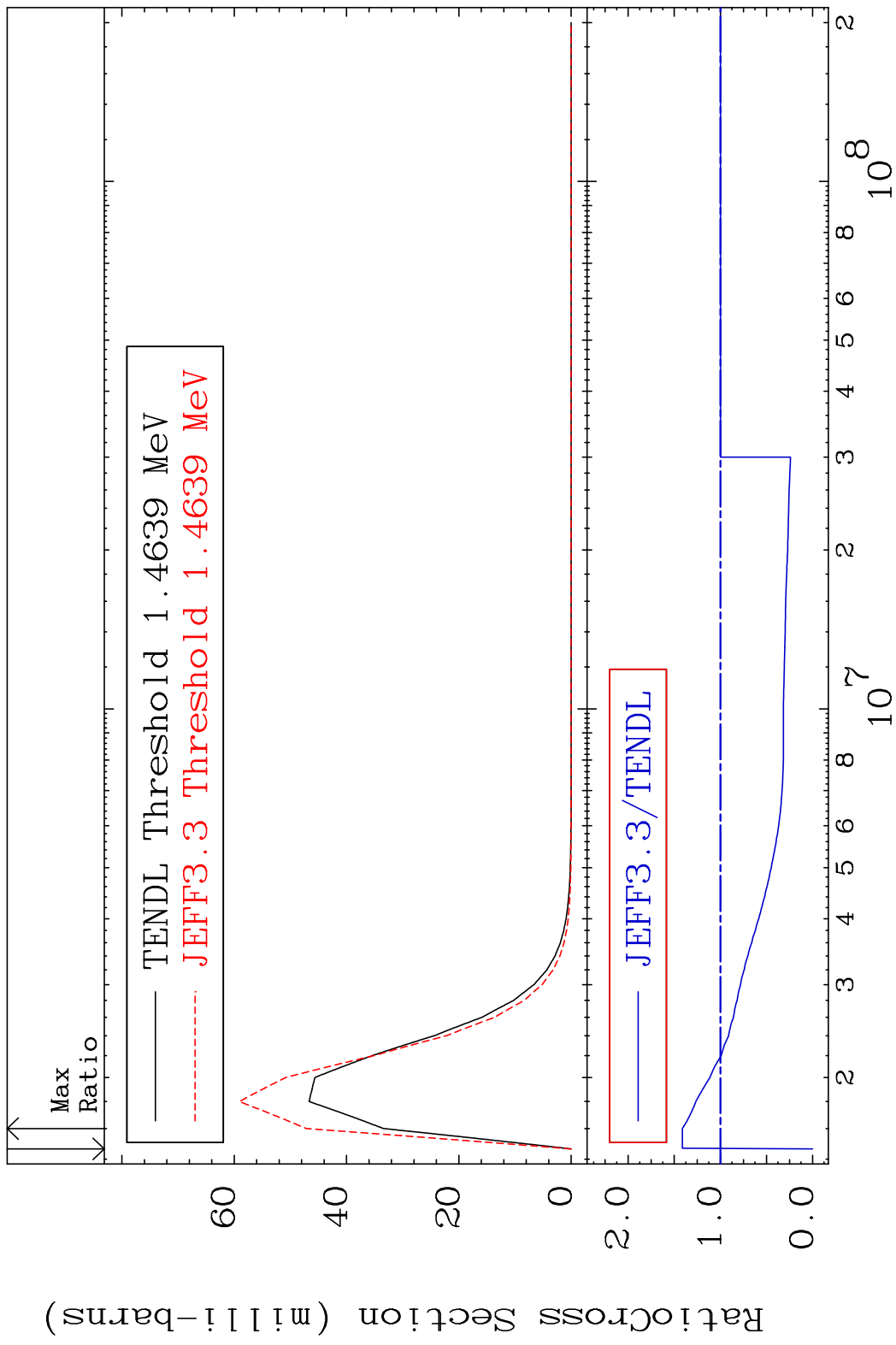
MAT 7631 MT= 61 (n,n') Level 76-0s-186  
 Cross Section -100.0 To 26.06 %



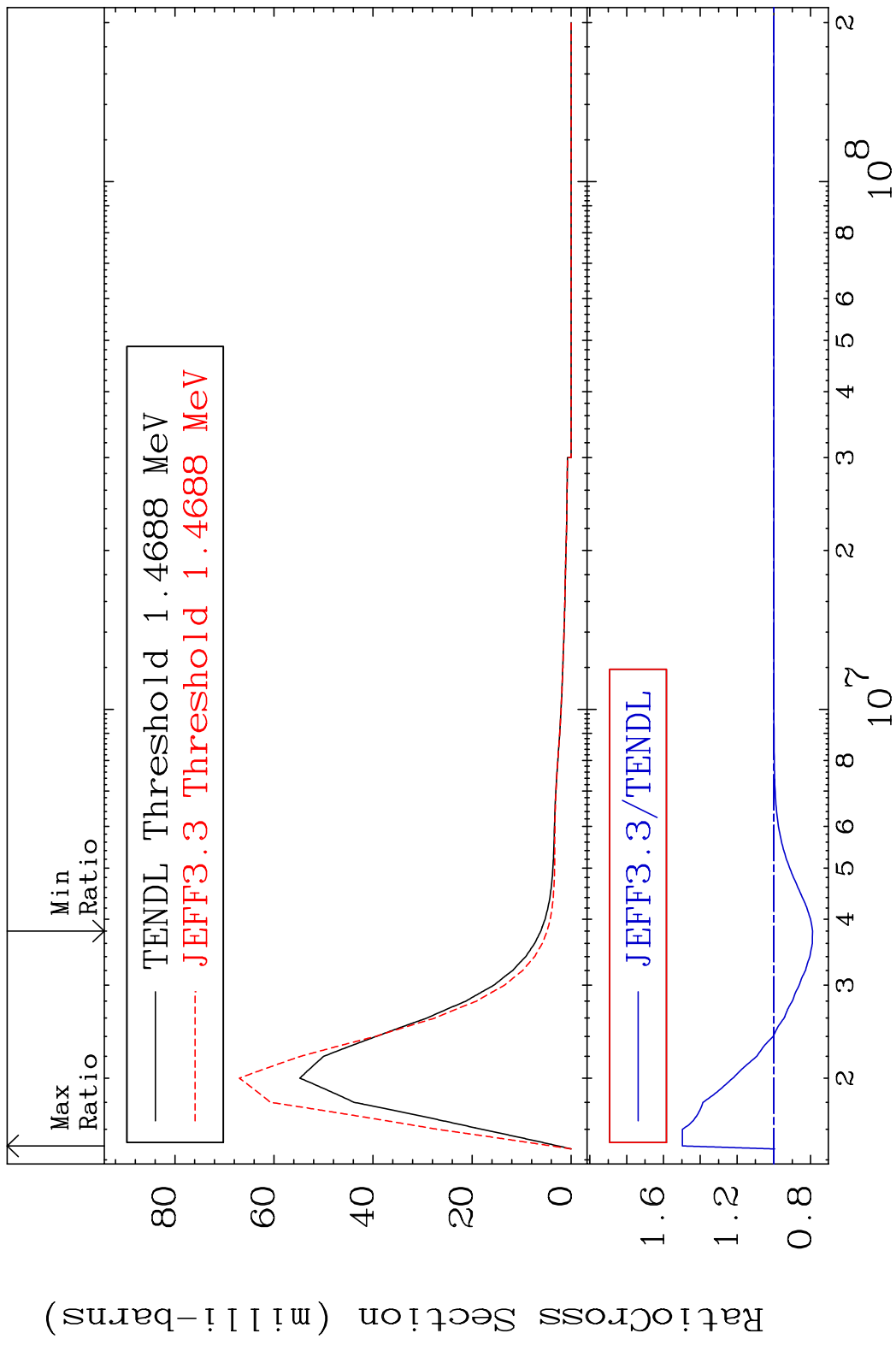
MAT 7631 MT= 62 (n, n') Level 76-0s-186  
 Cross Section -76.02 To 41.86 %



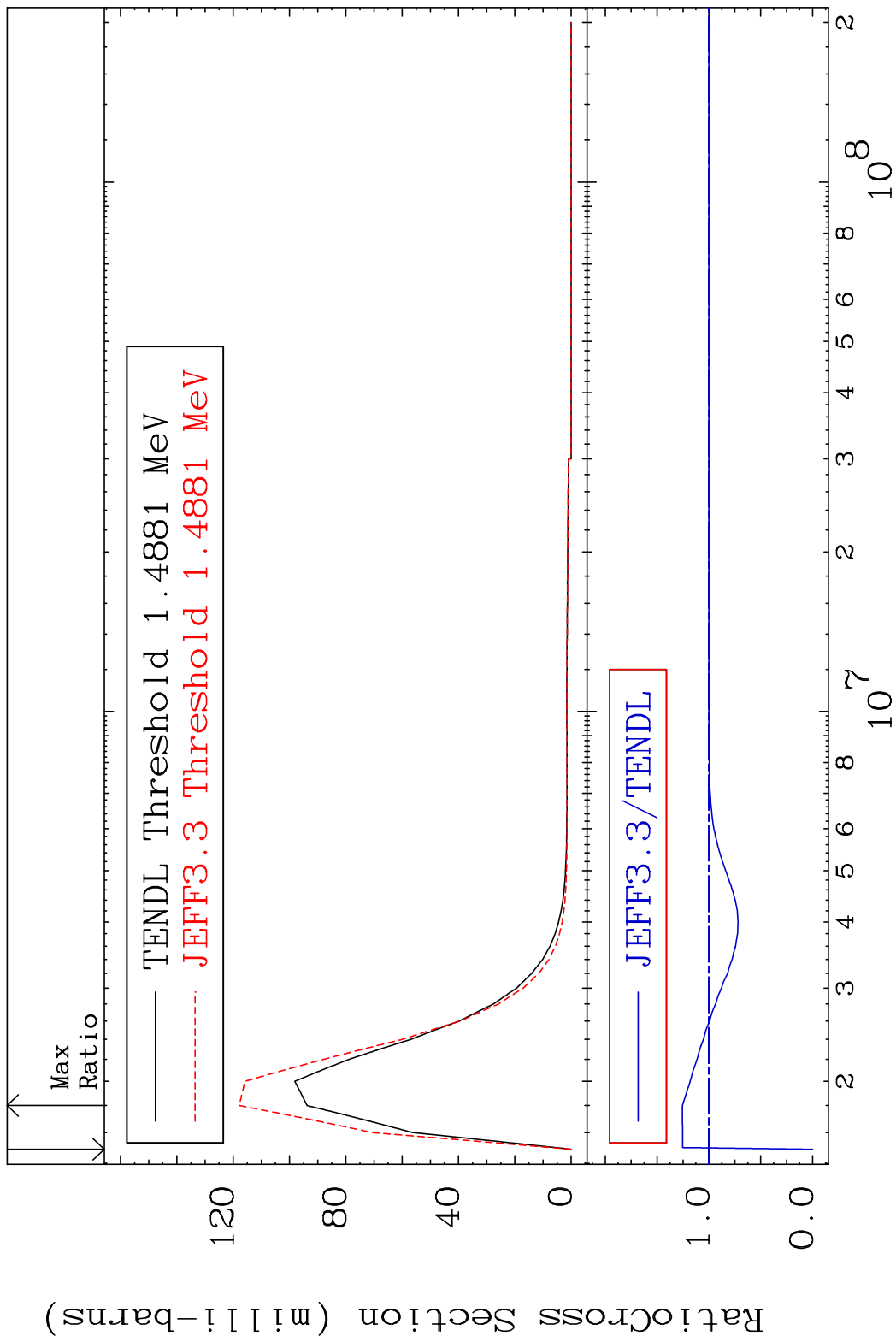
MAT 7631 MT= 63 (n,n') Level 76-0s-186  
 Cross Section -100.0 To 41.23 %



MAT 7631 MT= 64 (n,n') Level 76-0s-186  
 Cross Section -21.03 To 49.74 %

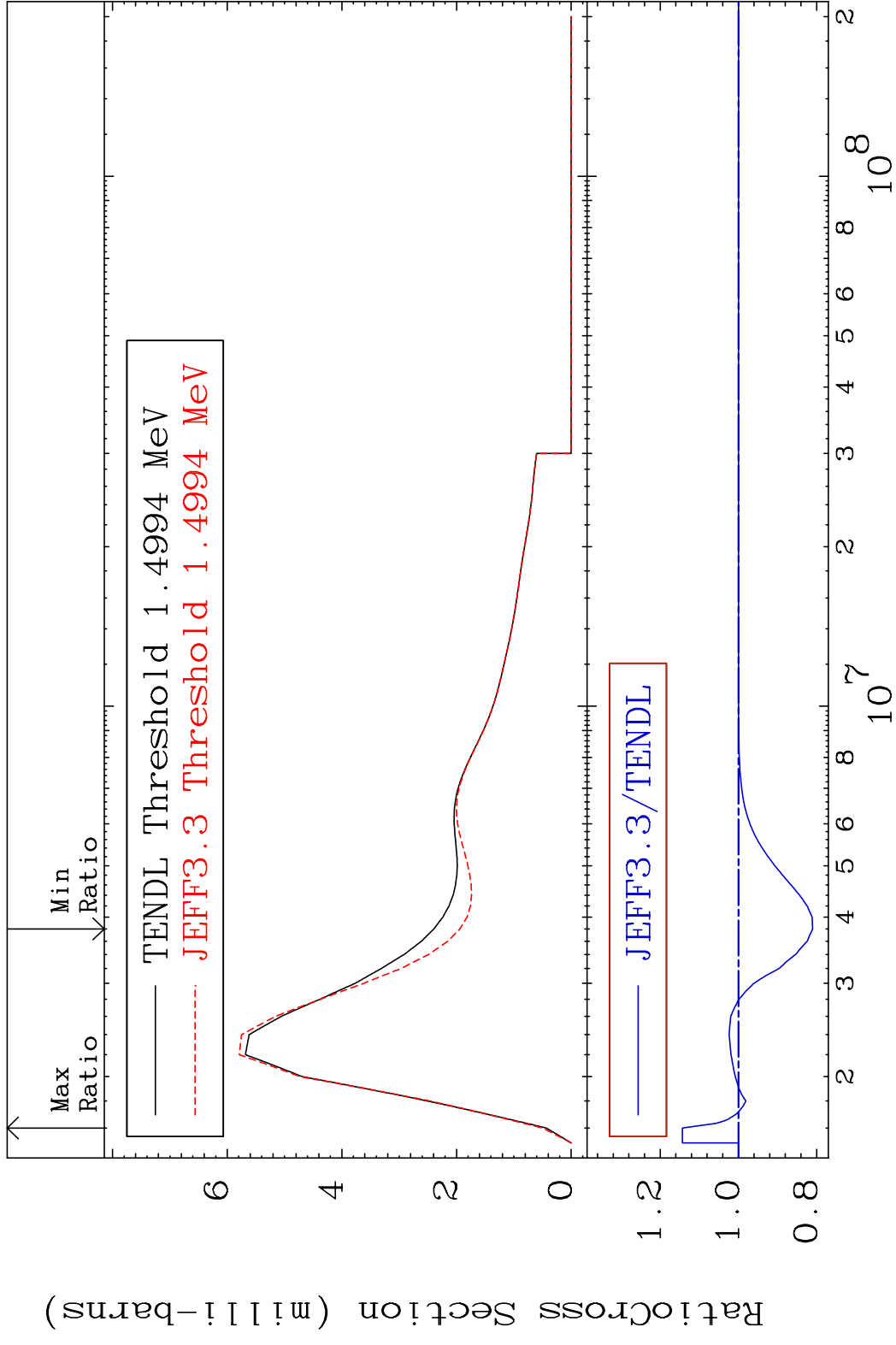


MAT 7631 MT= 65 (n,n') Level 76-0s-186  
 Cross Section -100.0 To 25.59 %

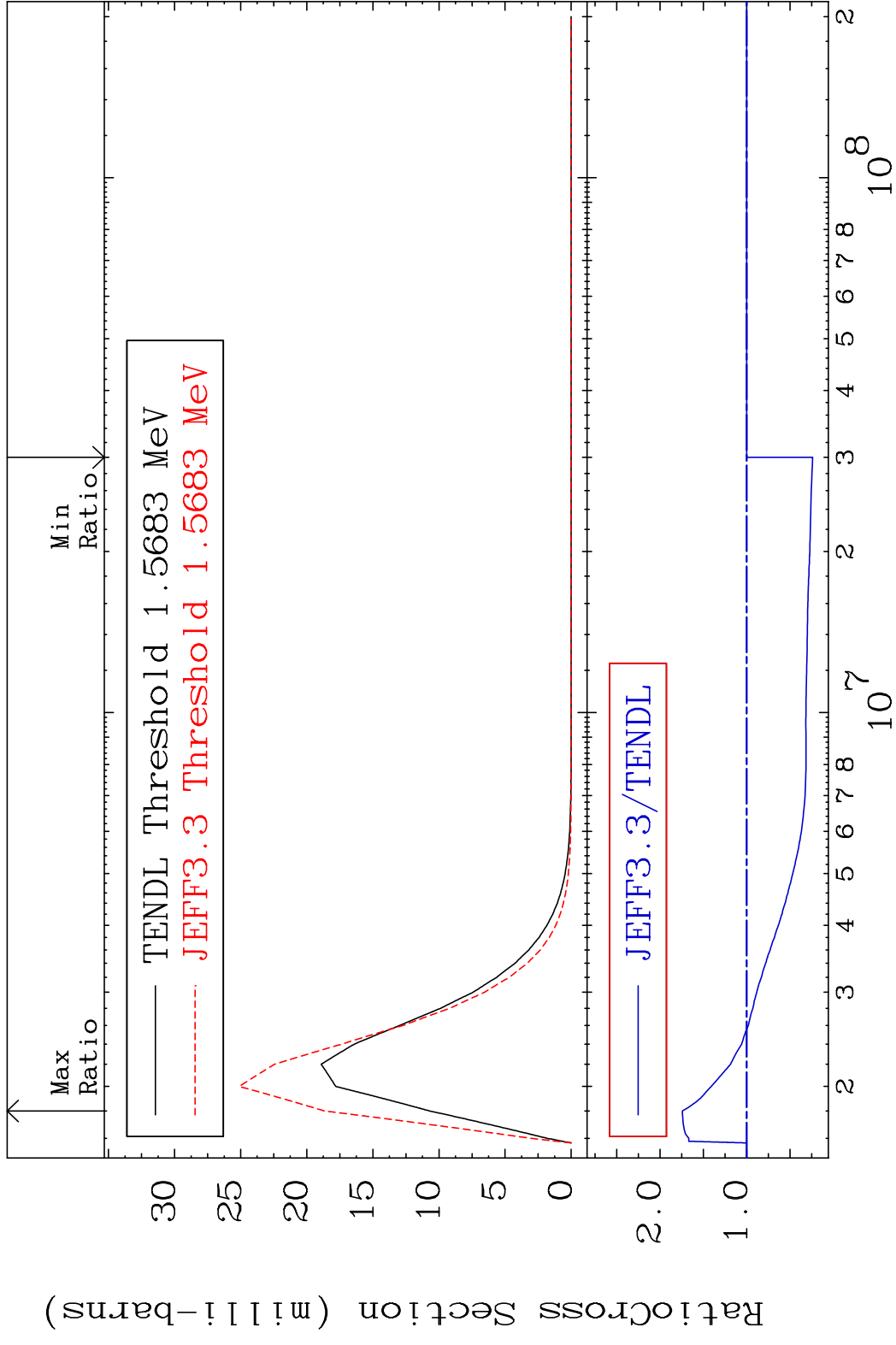


35 76-0s-186

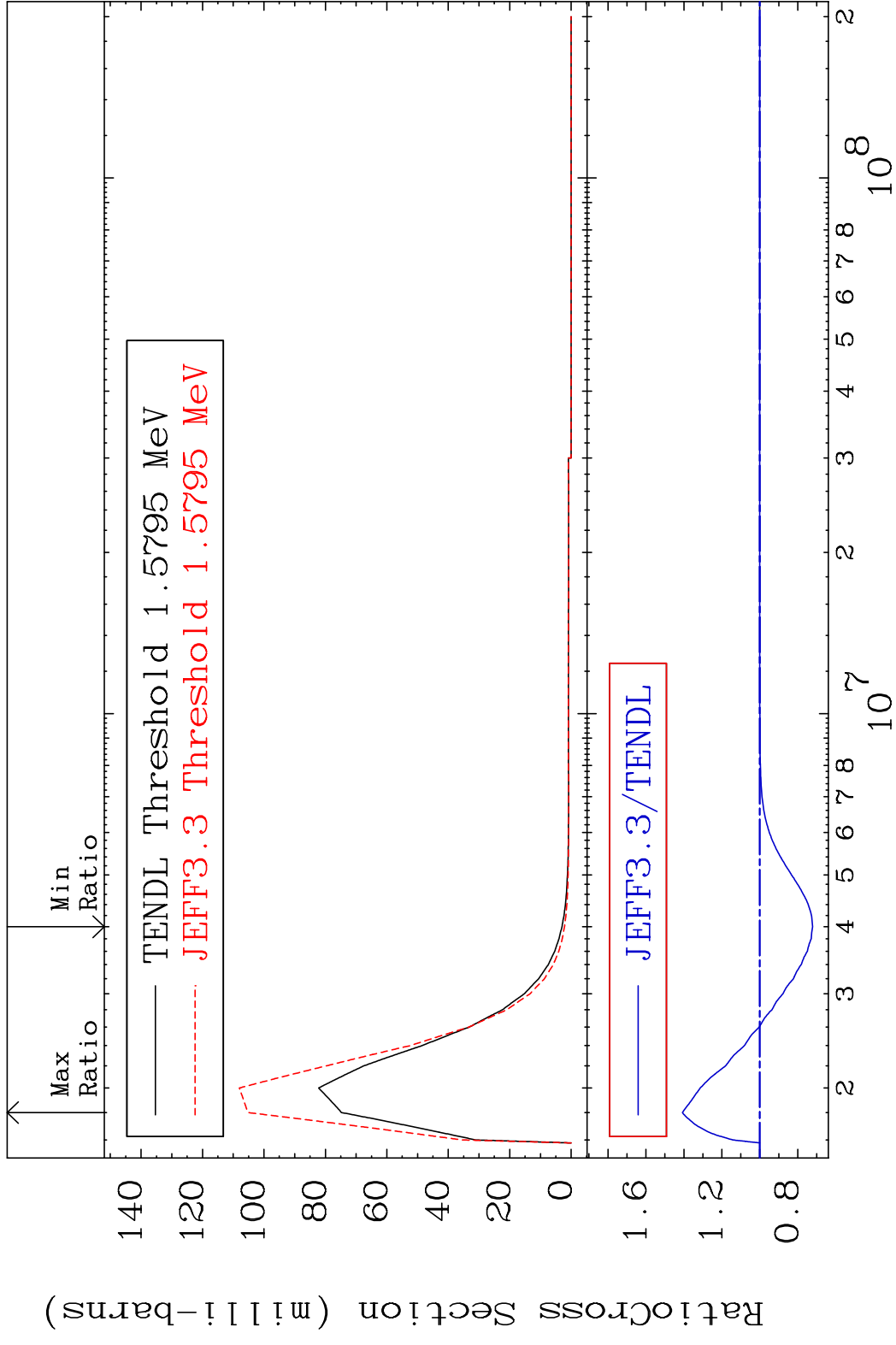
MAT 7631 MT= 66 (n,n') Level 76-0s-186  
 Cross Section -18.97 To 14.33 %



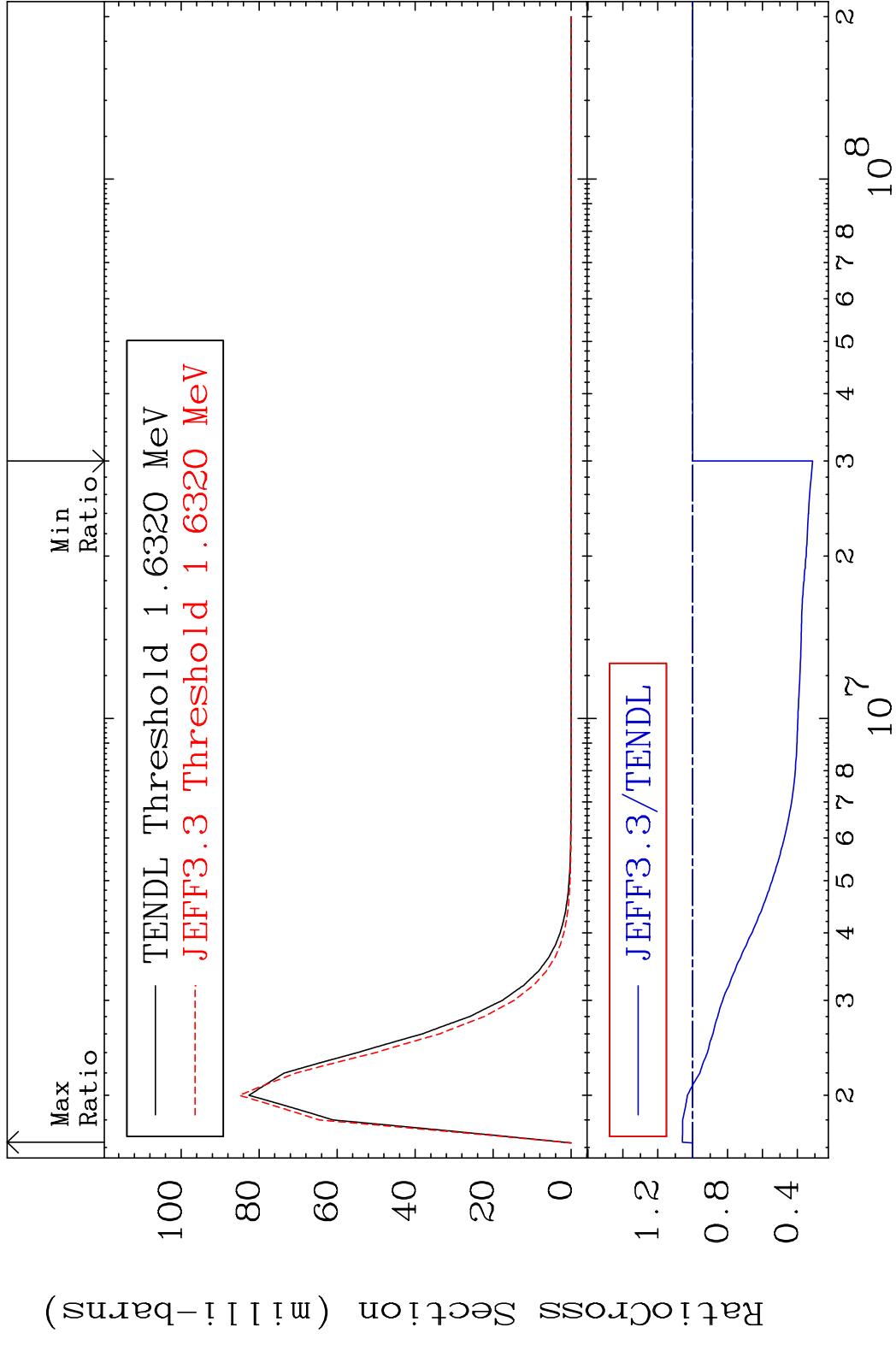
MAT 7631 MT= 67 (n, n') Level 76-0s-186  
 Cross Section -76.00 To 74.25 %



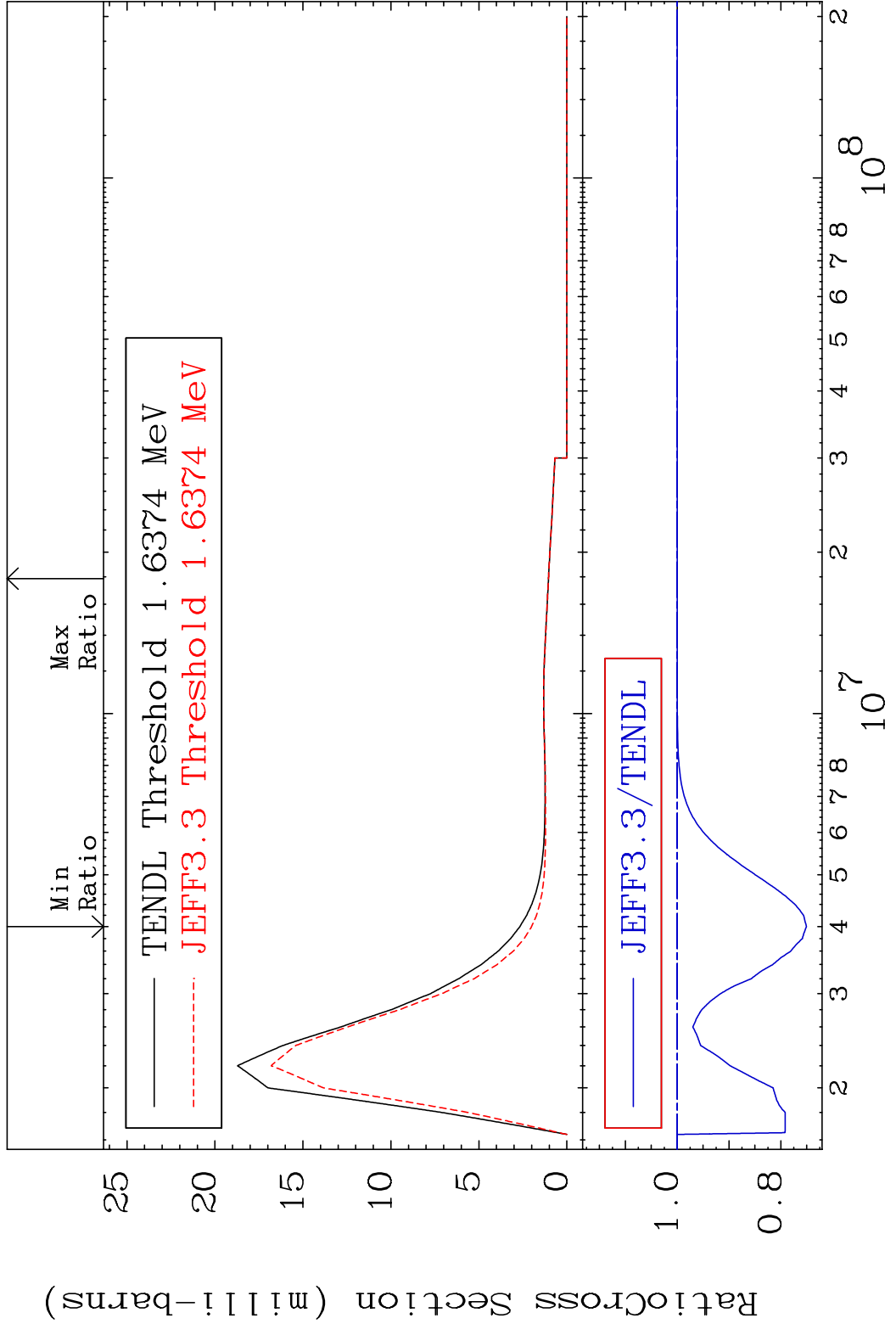
MAT 7631 MT= 68 (n,n') Level 76-0s-186  
 Cross Section -27.81 To 40.80 %



MAT 7631 MT= 69 (n,n') Level 76-0s-186  
 Cross Section -68.67 To 5.925 %



MAT 7631 MT= 70 (n, n') Level 76-0s-186  
 Cross Section -24.93 To 0.000 %



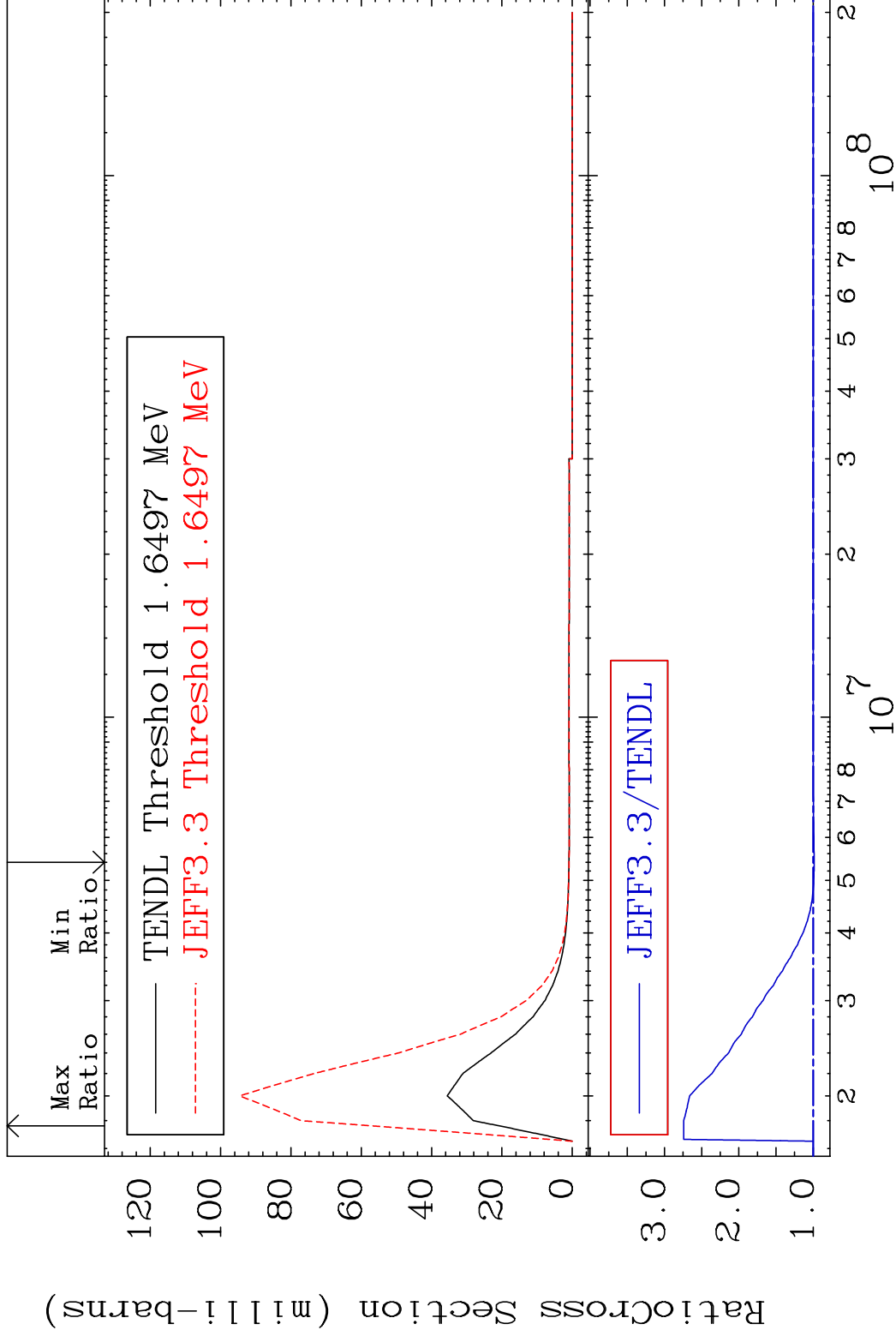
40 Incident Energy (eV) 76-0s-186

MAT 7631

MT= 71 (n,n') Level

76-Os-186

Cross Section -1.212 To 174.2 %

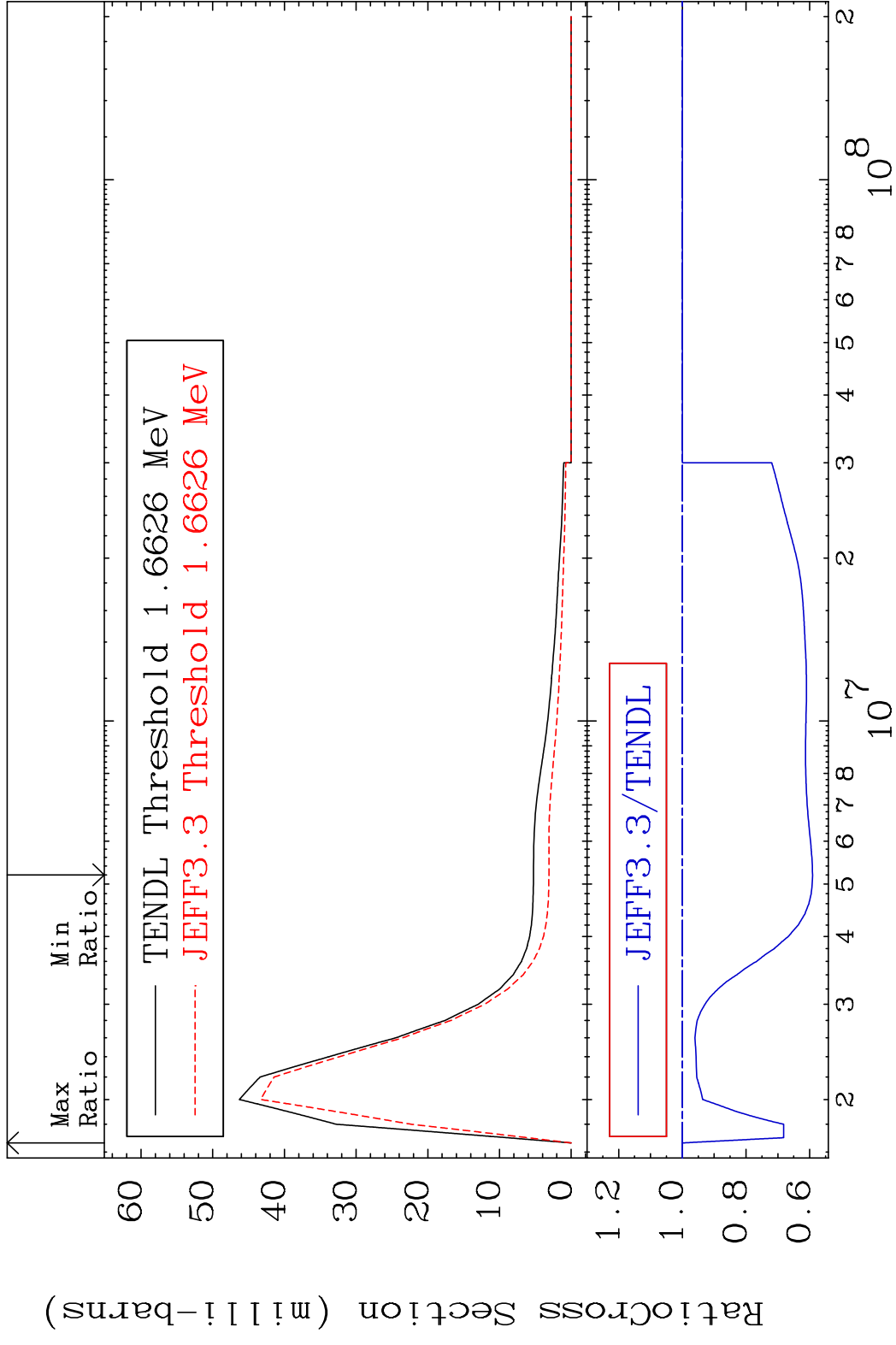


41

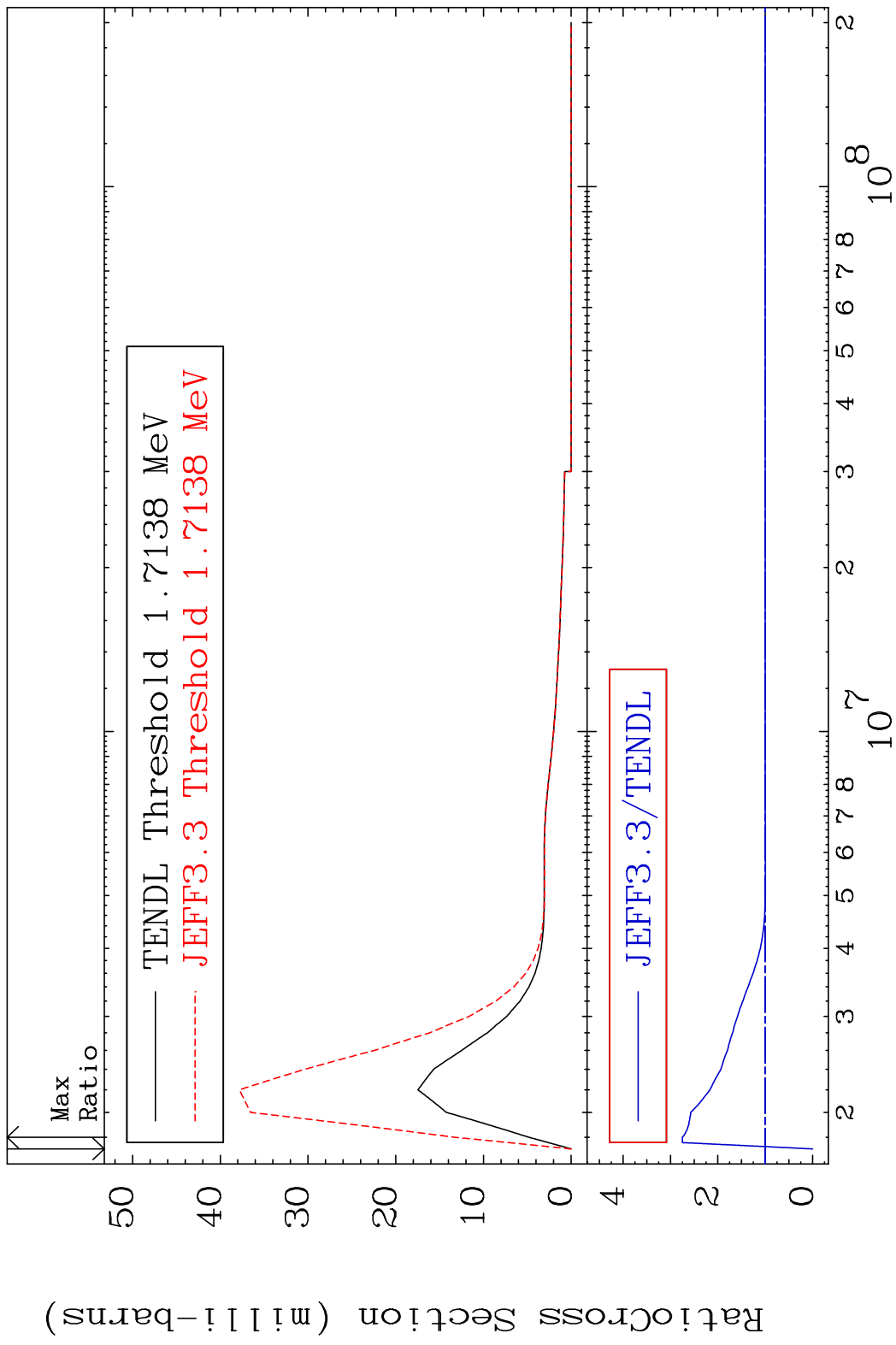
Incident Energy (eV)

76-Os-186

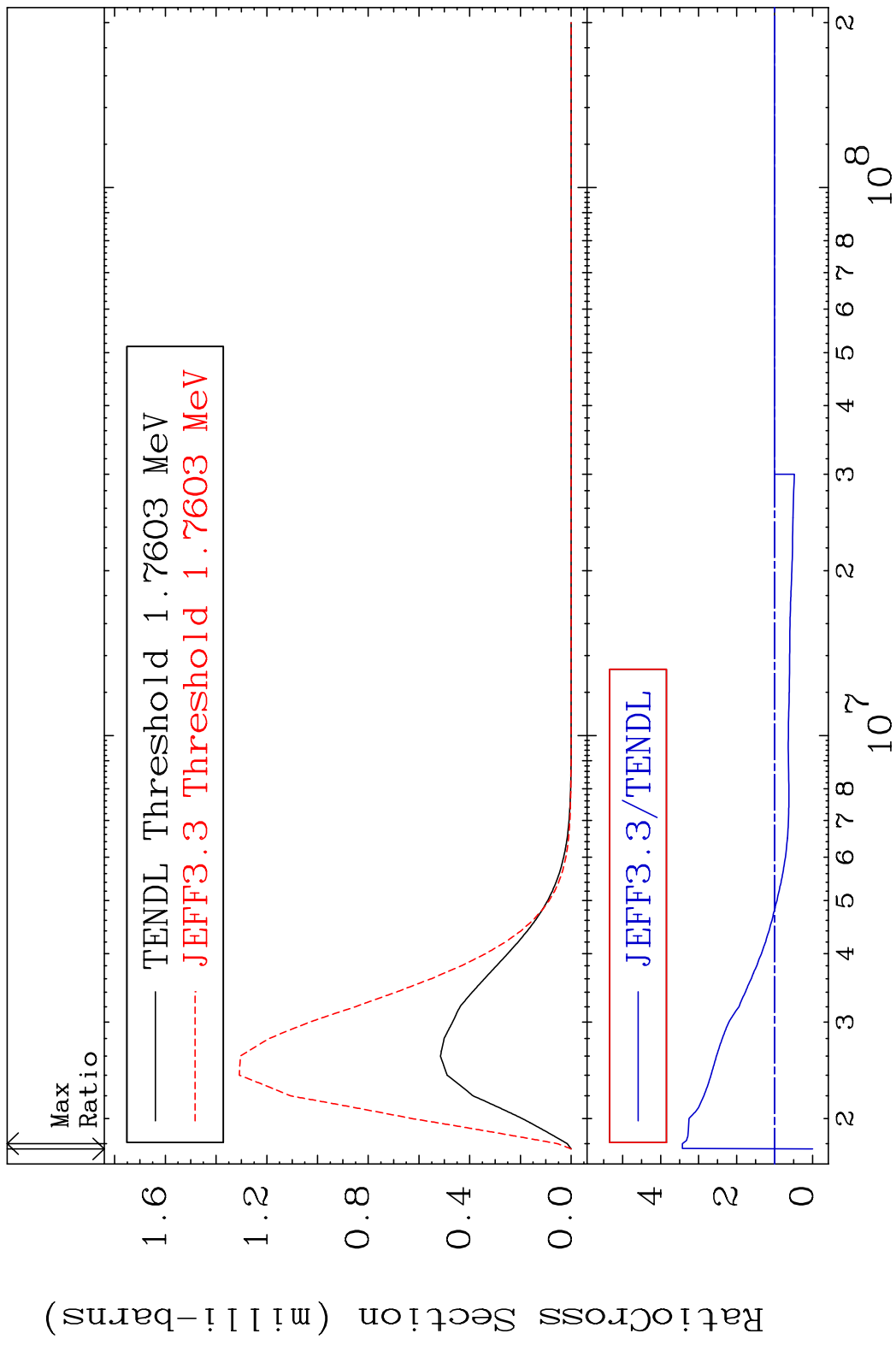
MAT 7631 MT= 72 (n,n') Level 76-0s-186  
 Cross Section -40.90 To 0.000 %



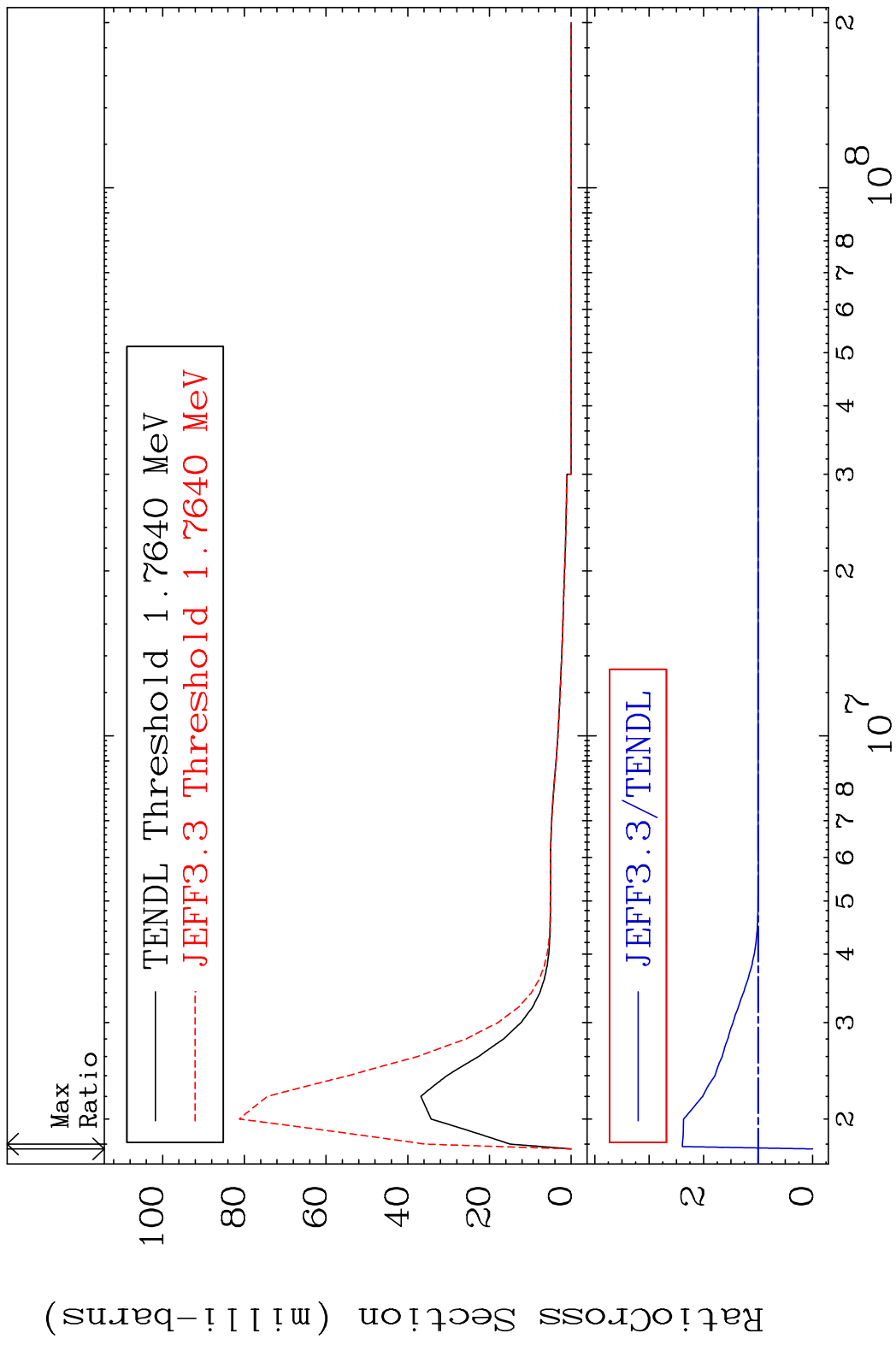
MAT 7631      MT= 73 (n,n') Level      76-0s-186  
 Cross Section    -100.0 To 174.9 %



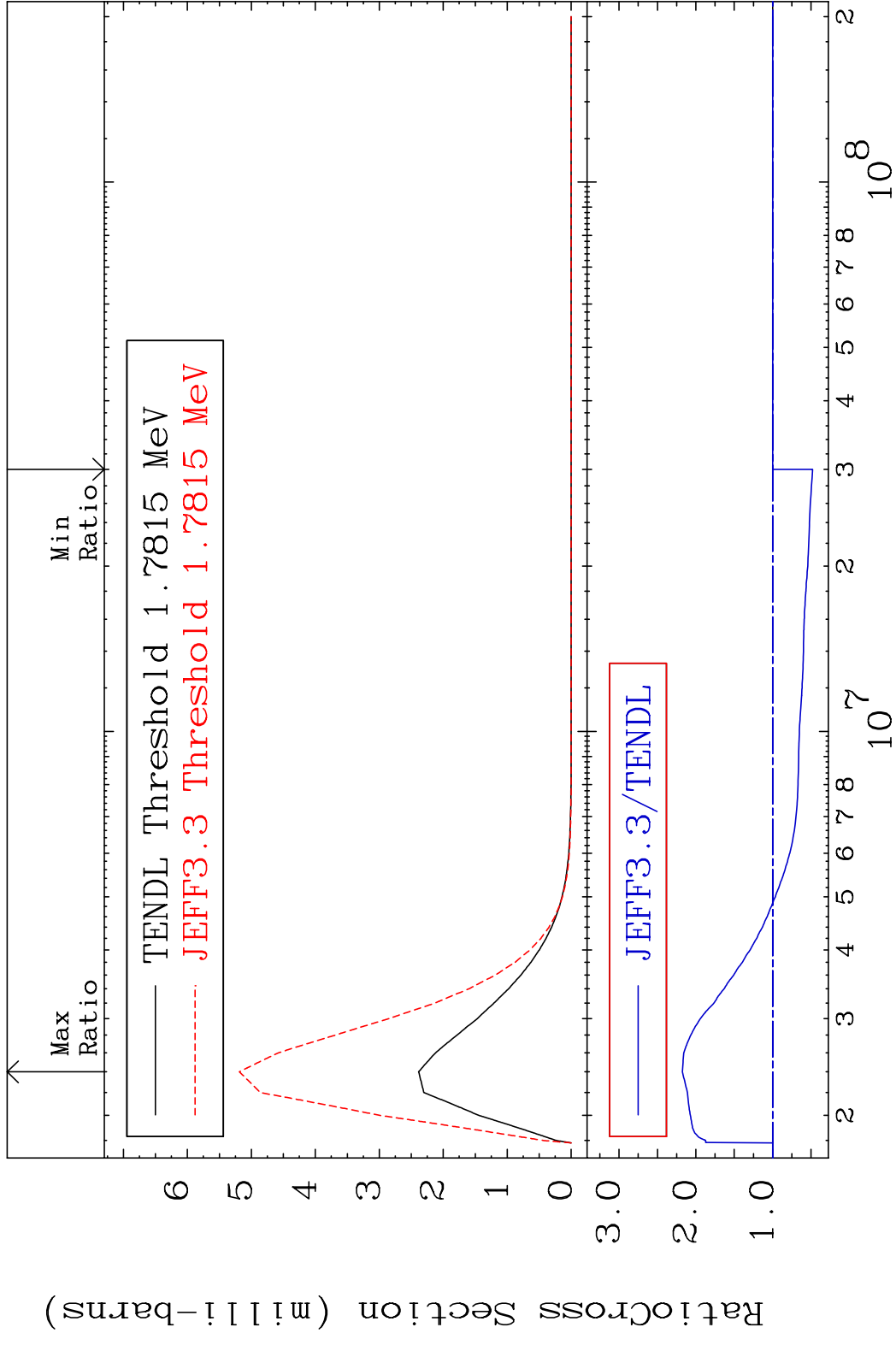
MAT 7631 MT= 74 (n, n') Level 76-0s-186  
 Cross Section -100.0 To 242.8 %



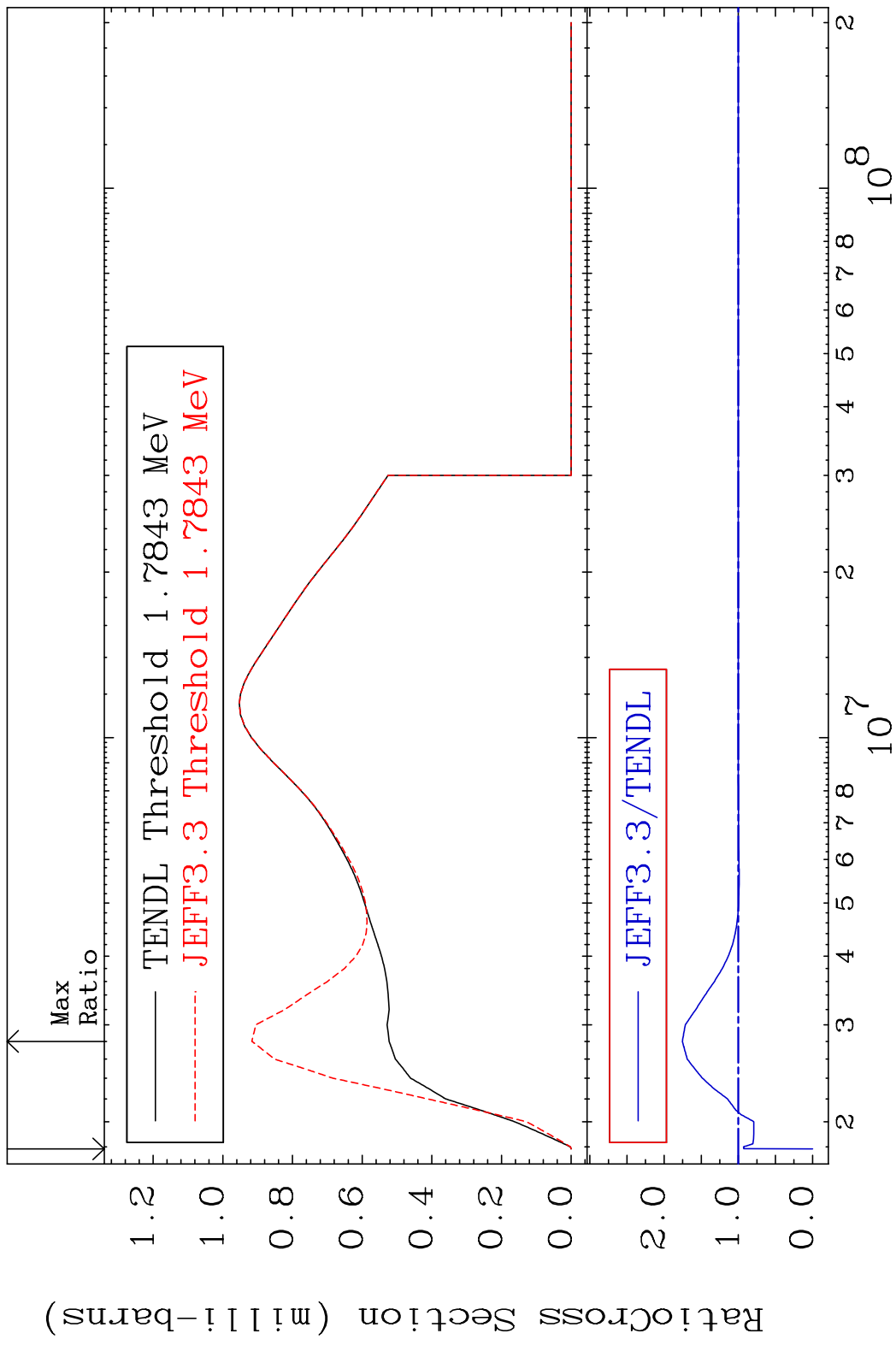
MAT 7631 MT= 75 (n,n') Level 76-0s-186  
 Cross Section -100.0 To 139.1 %



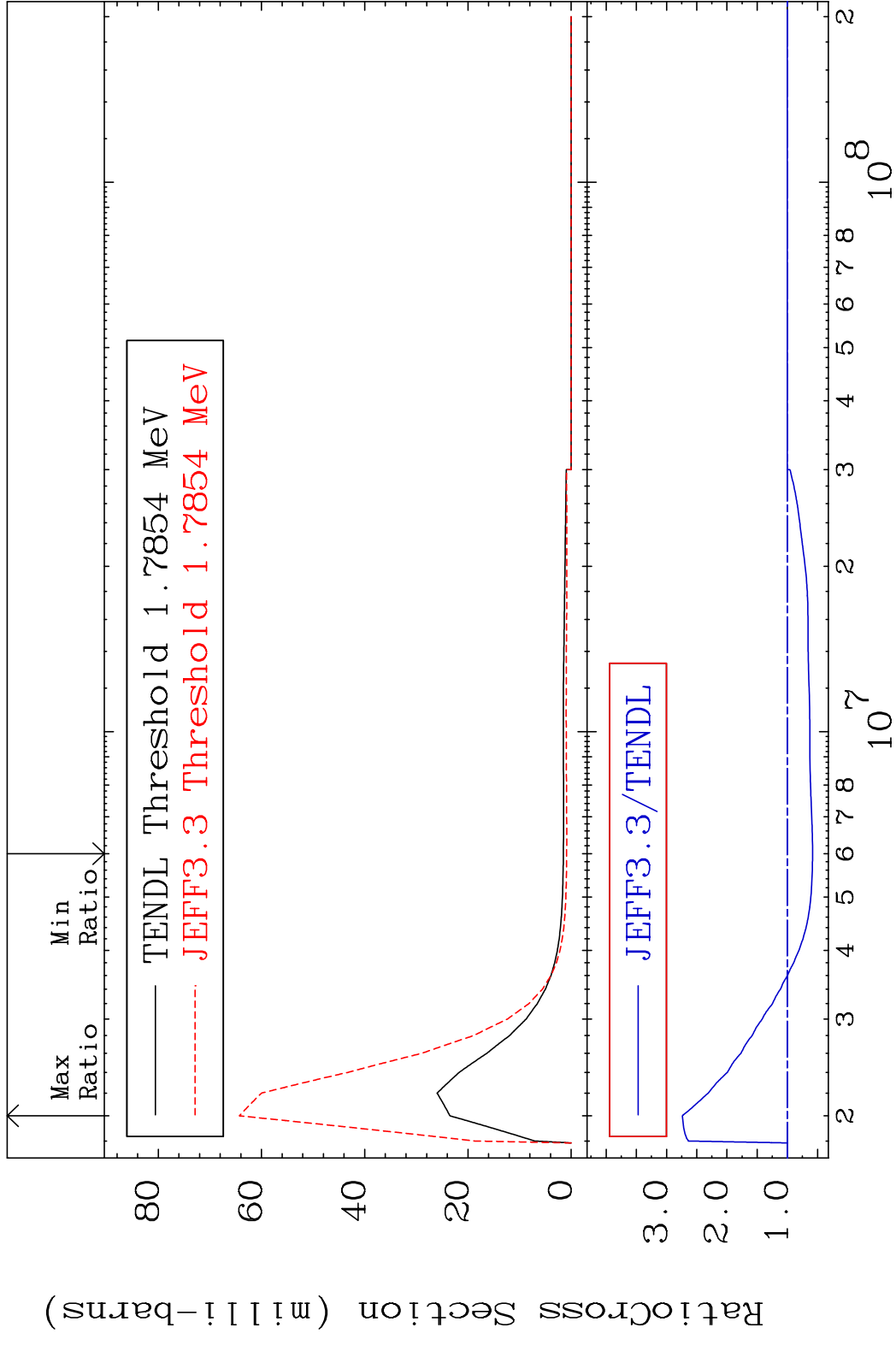
MAT 7631 MT= 76 (n,n') Level 76-0s-186  
 Cross Section -51.98 To 117.6 %



MAT 7631 MT= 77 (n,n') Level 76-0s-186  
 Cross Section -100.0 To 75.40 %



MAT 7631 MT= 78 (n,n') Level 76-0s-186  
 Cross Section -41.75 To 173.8 %

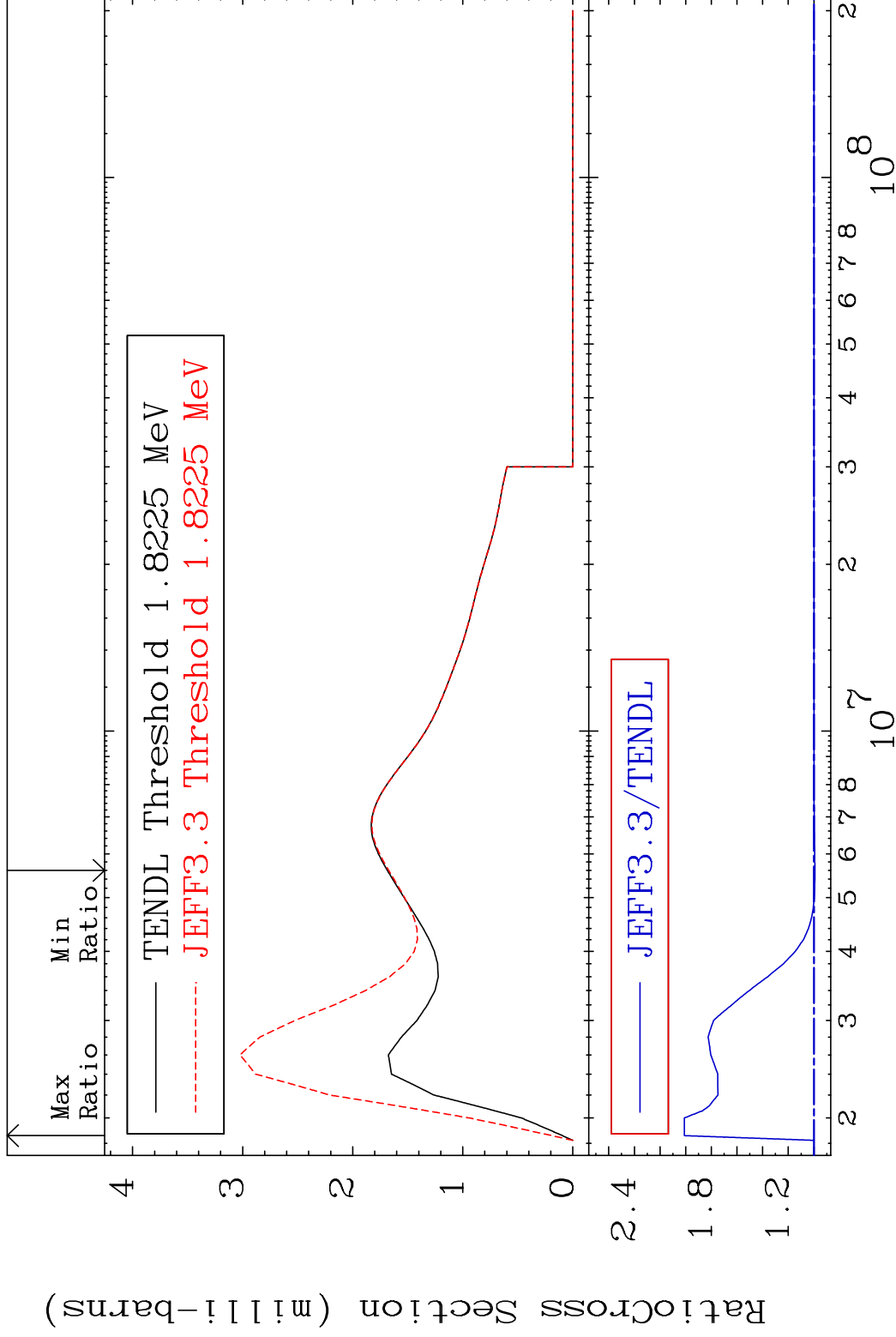


MAT 7631

MT= 79 (n,n') Level

76-0s-186

Cross Section -0.749 To 101.1 %

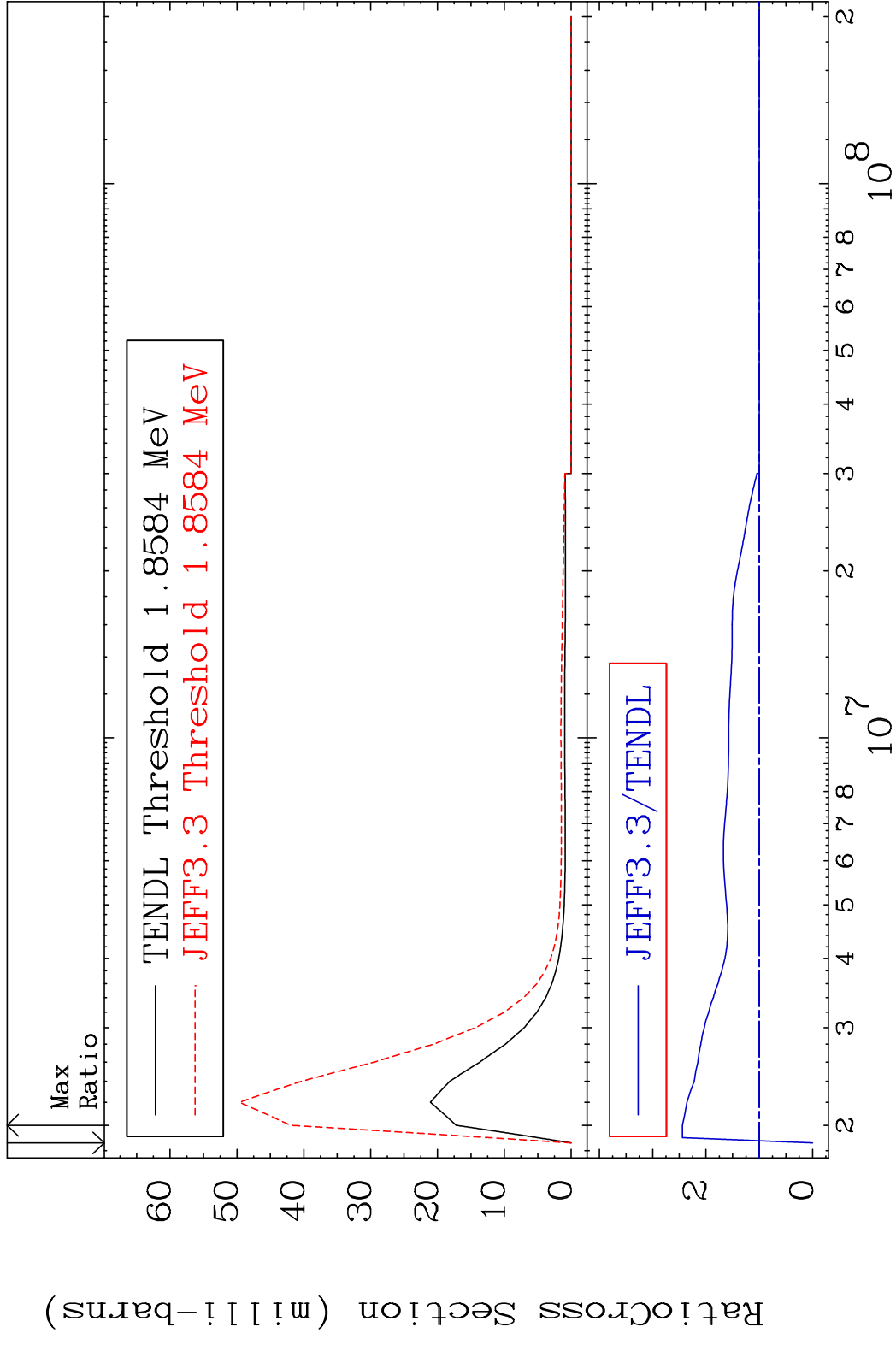


49

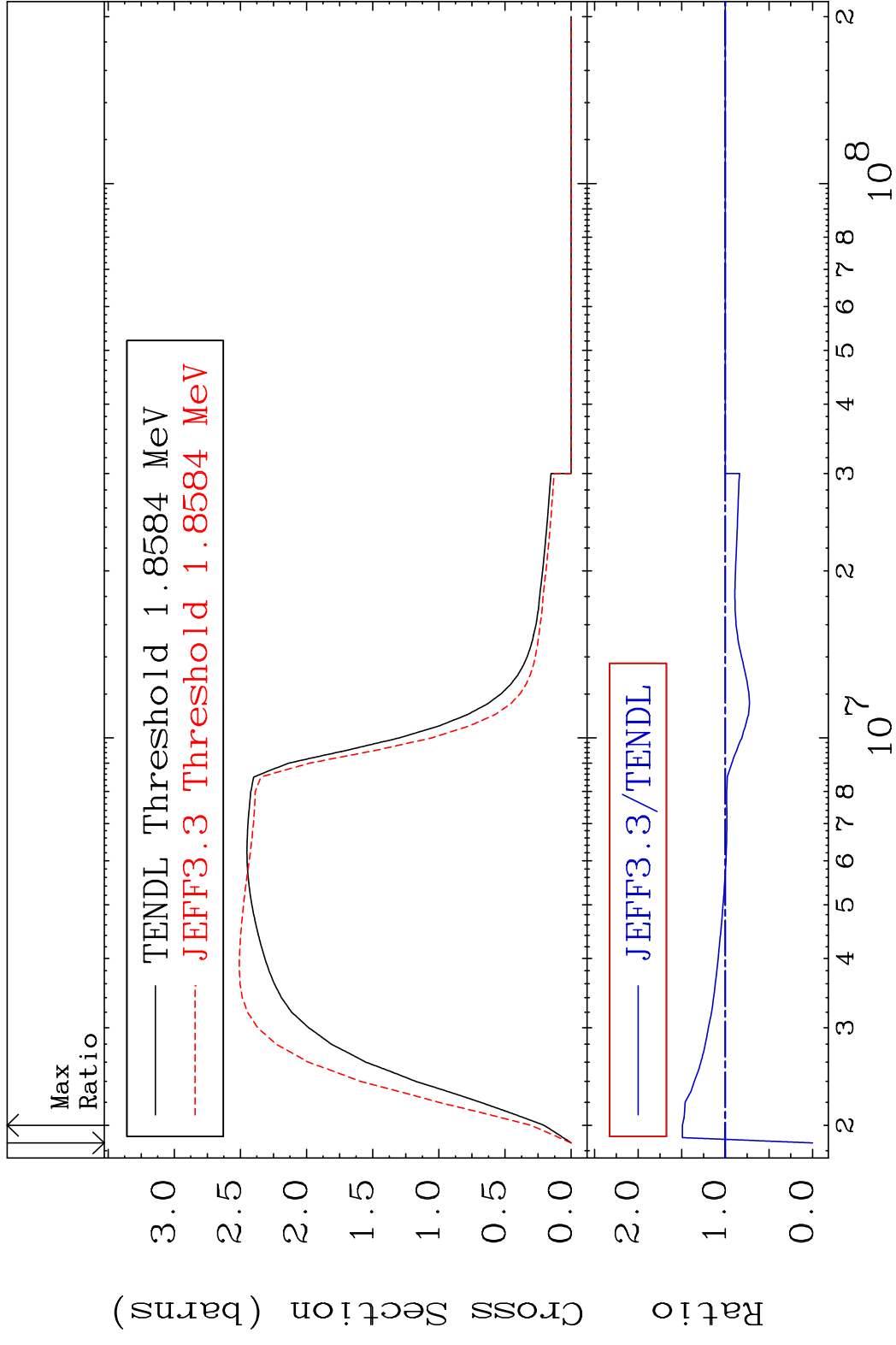
Incident Energy (eV)

76-0s-186

MAT 7631 MT= 80 (n, n') Level 76-0s-186  
 Cross Section -100.0 To 144.3 %



MAT 7631 (n,n') Continuum 76-0s-186  
 Cross Section -100.0 To 49.31 %

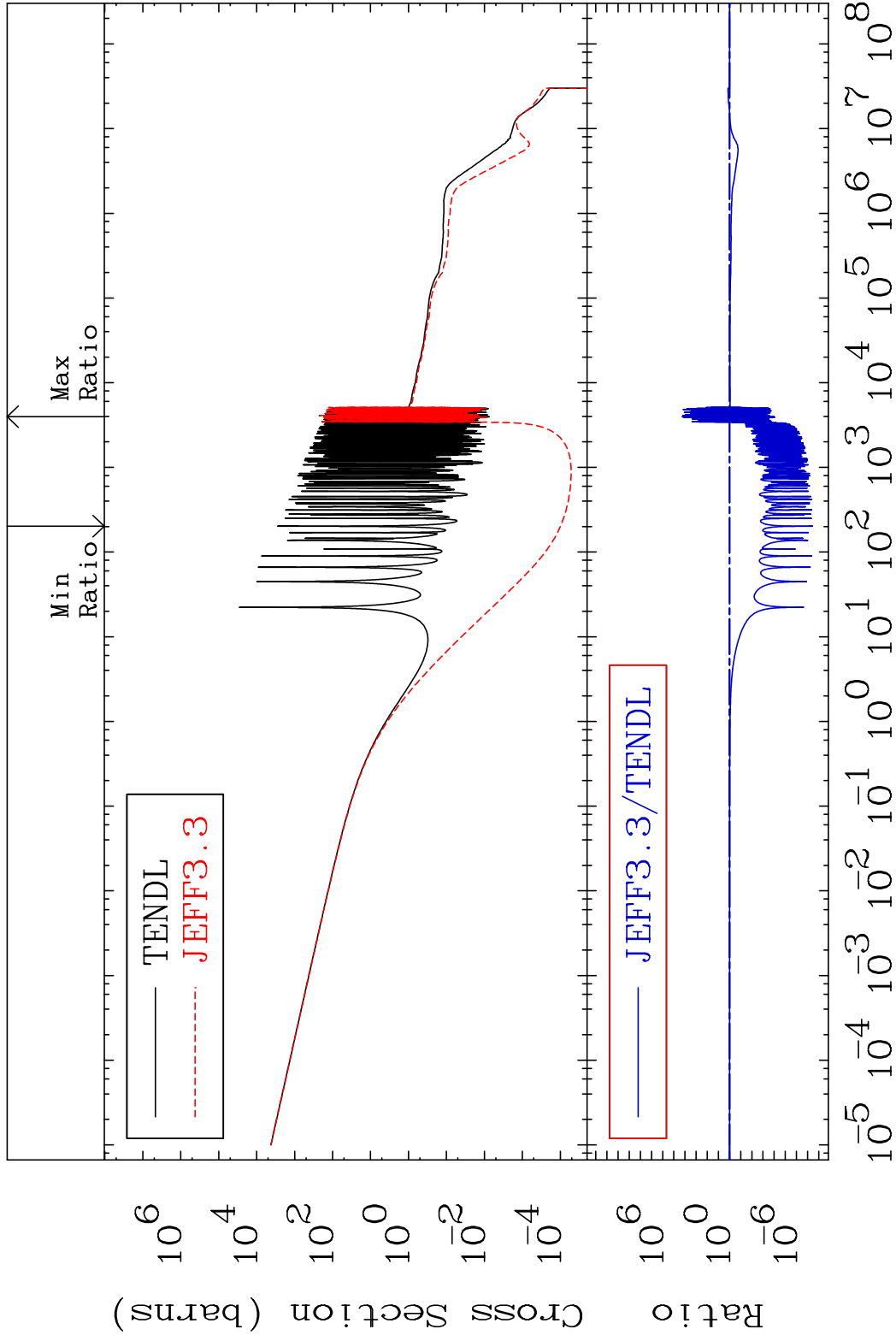


MAT 7631

(n,  $\gamma$ )

76-0s-186

Cross Section -100.0 To 9999. %



52

Incident Energy (eV)

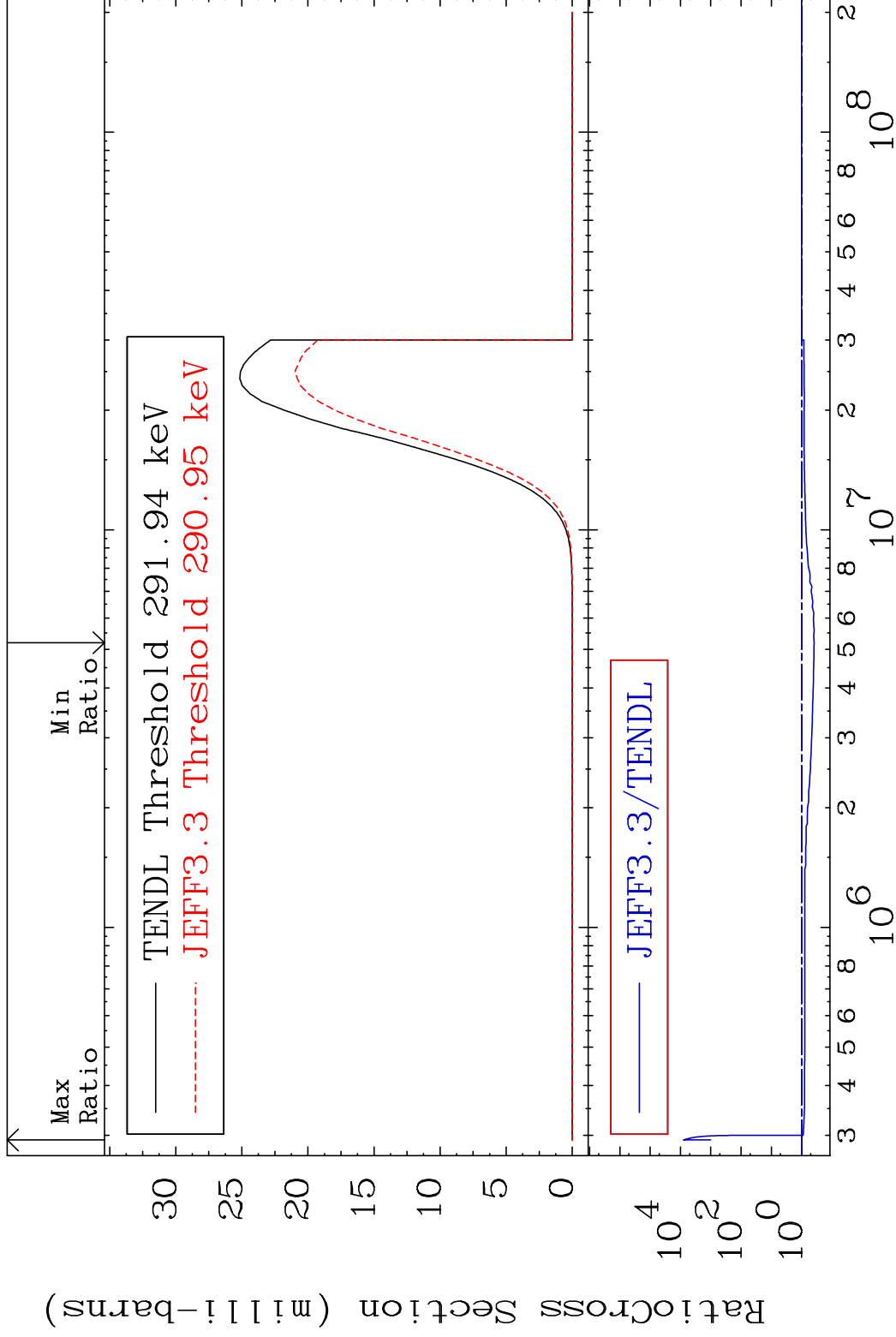
76-0s-186

MAT 7631

(n, p)

76-0s-186

Cross Section -61.24 To 9999. %



53

Incident Energy (eV)

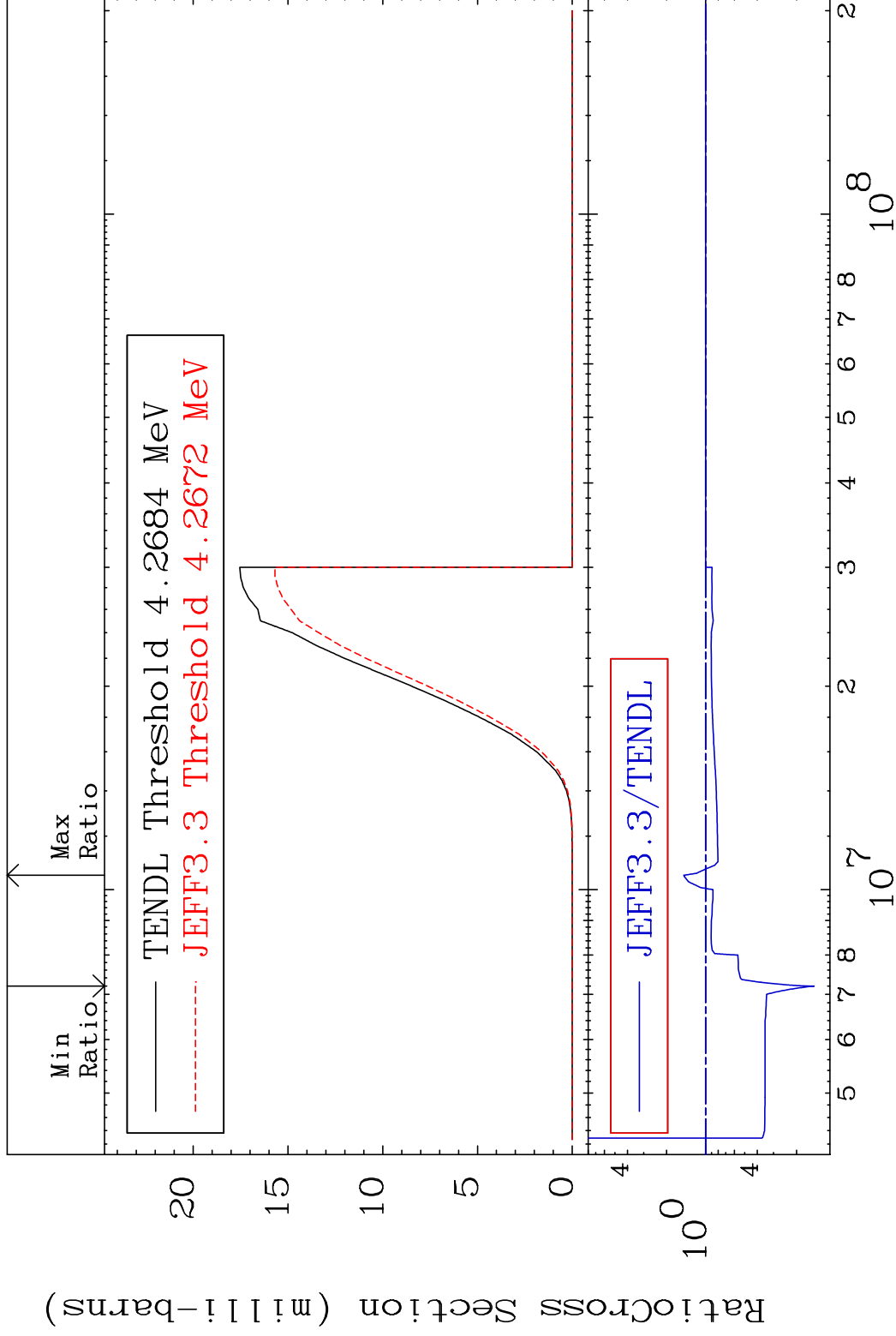
76-0s-186

MAT 7631

(n, d)

76-Os-186

Cross Section -85.37 To 47.62 %



54

Incident Energy (eV)

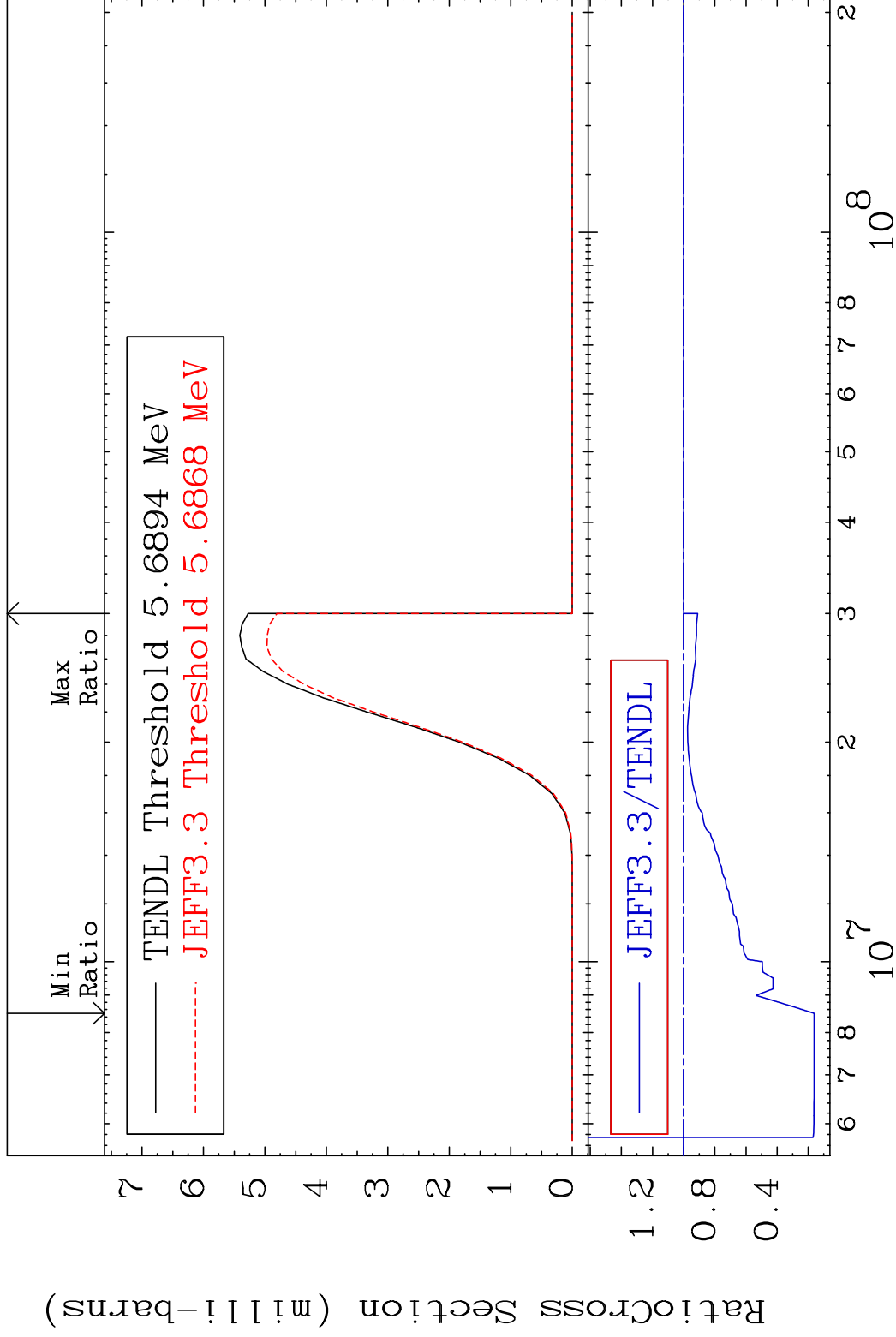
76-Os-186

MAT 7631

(n, t)

76-0s-186

Cross Section -83.75 To 0.000 %



55

Incident Energy (eV)

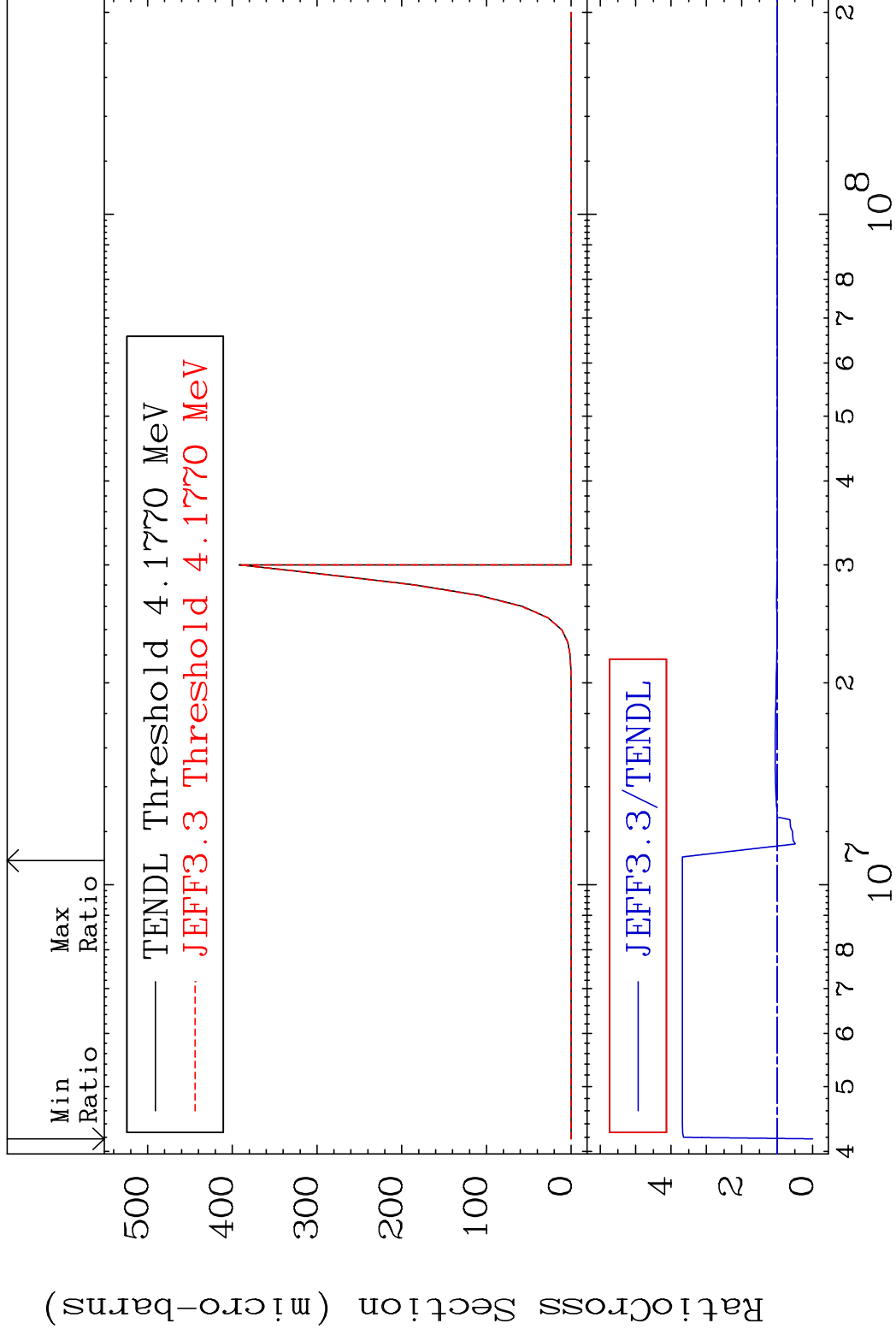
76-0s-186

MAT 7631

(n, He-3)

76-0s-186

Cross Section -100.0 To 268.0 %



56

Incident Energy (eV)

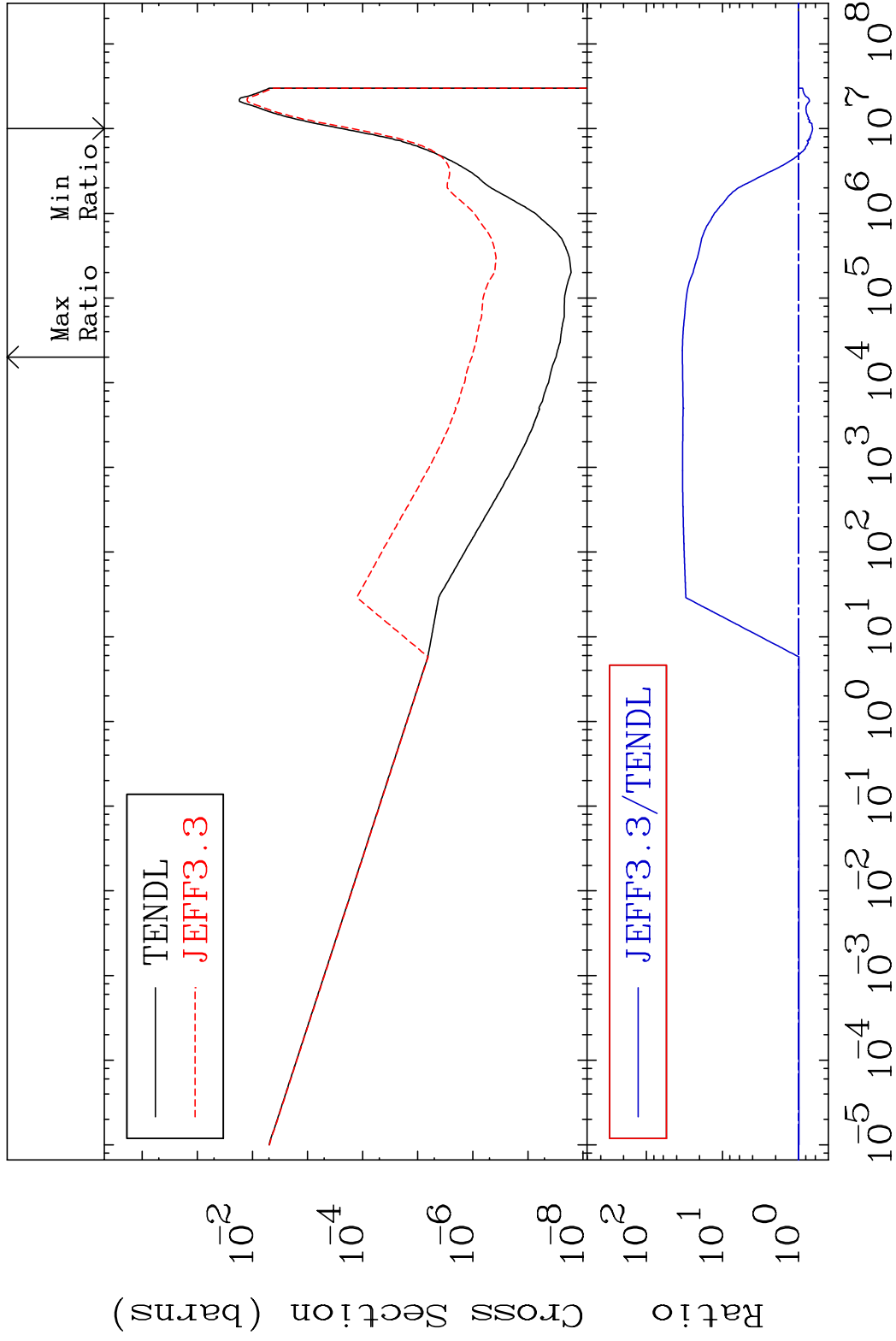
76-0s-186

MAT 7631

(n,  $\alpha$ )

76-Os-186

Cross Section -34.70 To 3272. %



57

Incident Energy (eV)

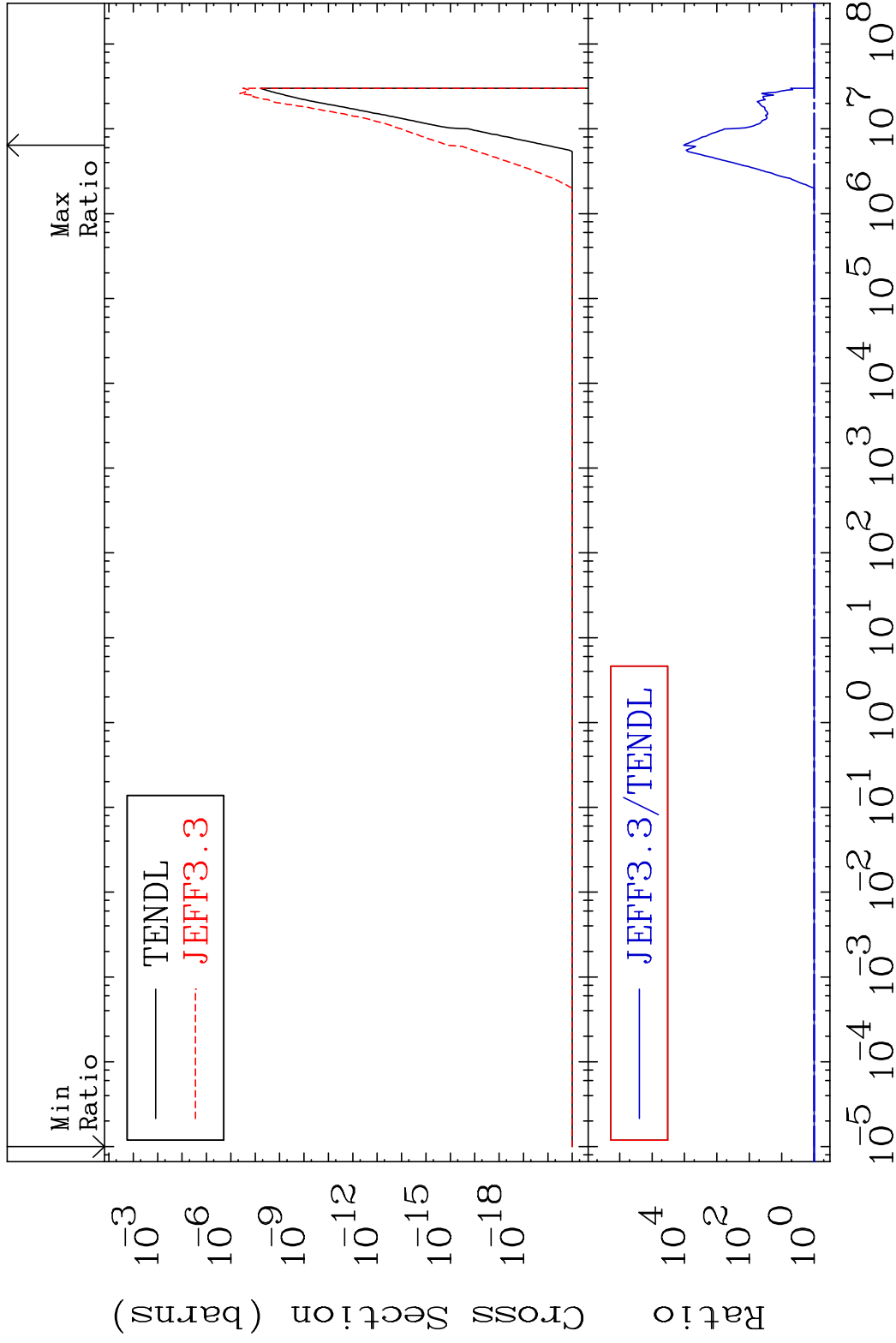
76-Os-186

MAT 7631

(n,2α)

76-Os-186

Cross Section 0.000 To 9999. %

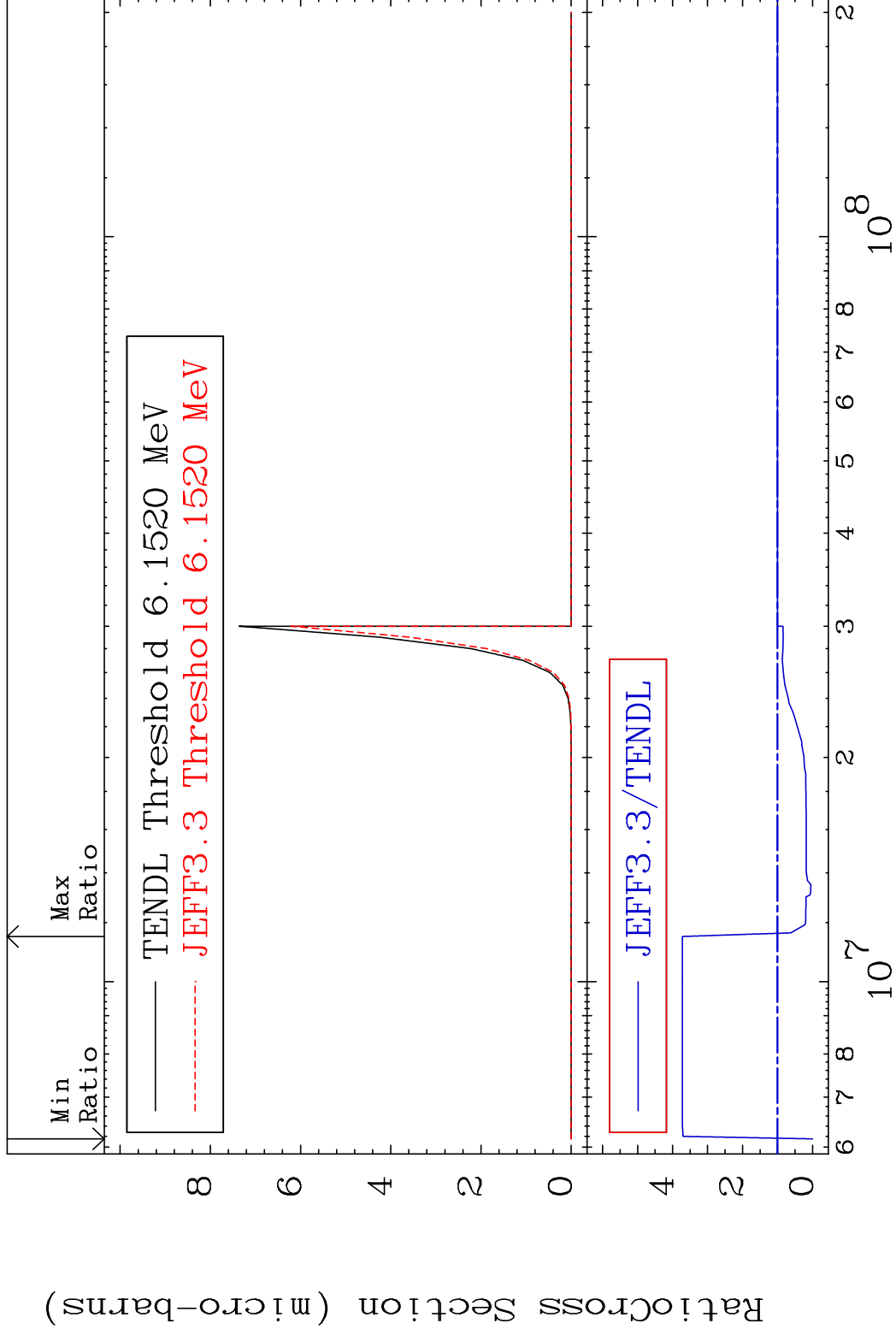


MAT 7631

(n,2p)

76-0s-186

Cross Section -100.0 To 272.1 %



59

Incident Energy (eV)

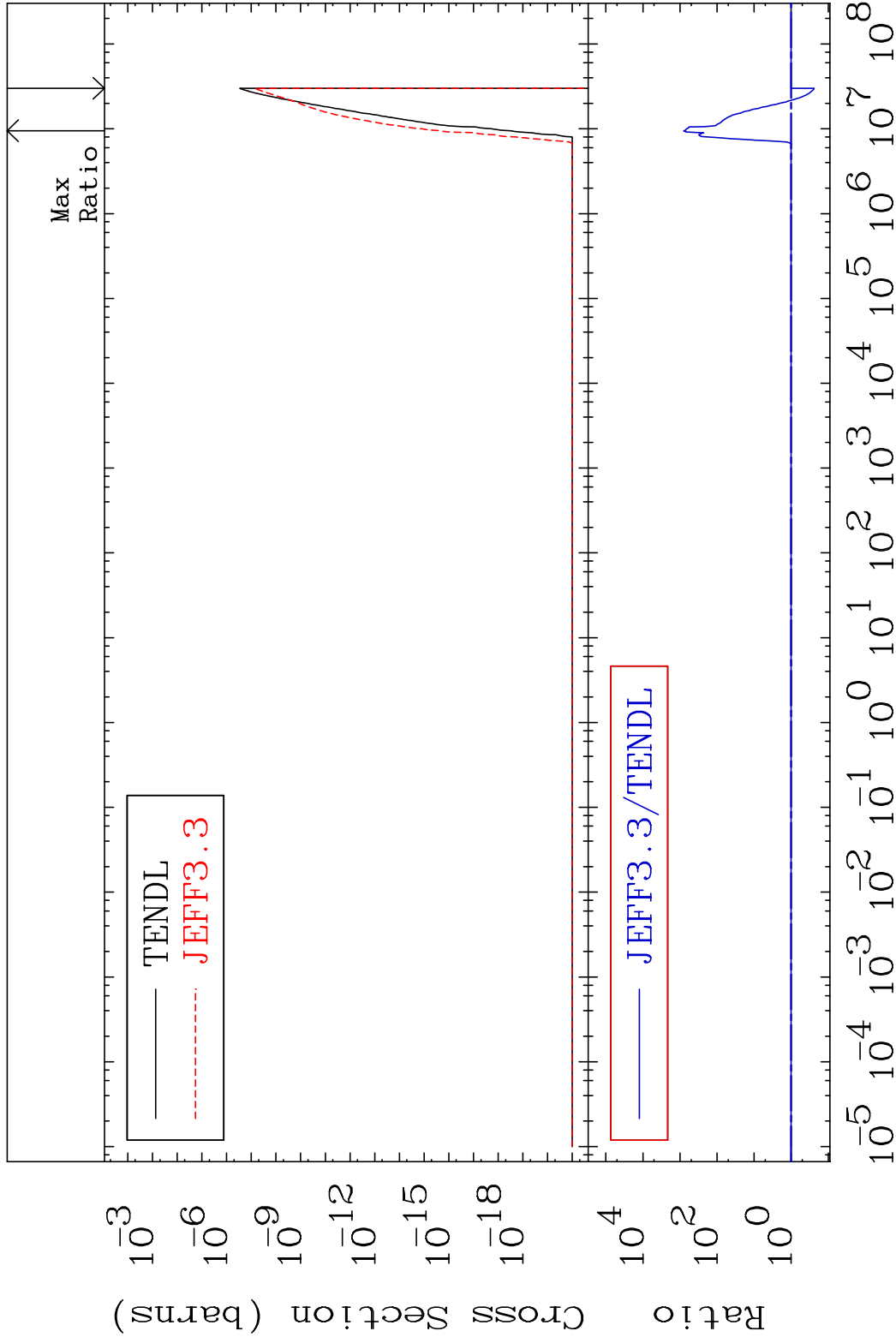
76-0s-186

MAT 7631

(n,p)  $\alpha$

76-Os-186

Cross Section -75.91 To 9999. %



60

Incident Energy (eV)

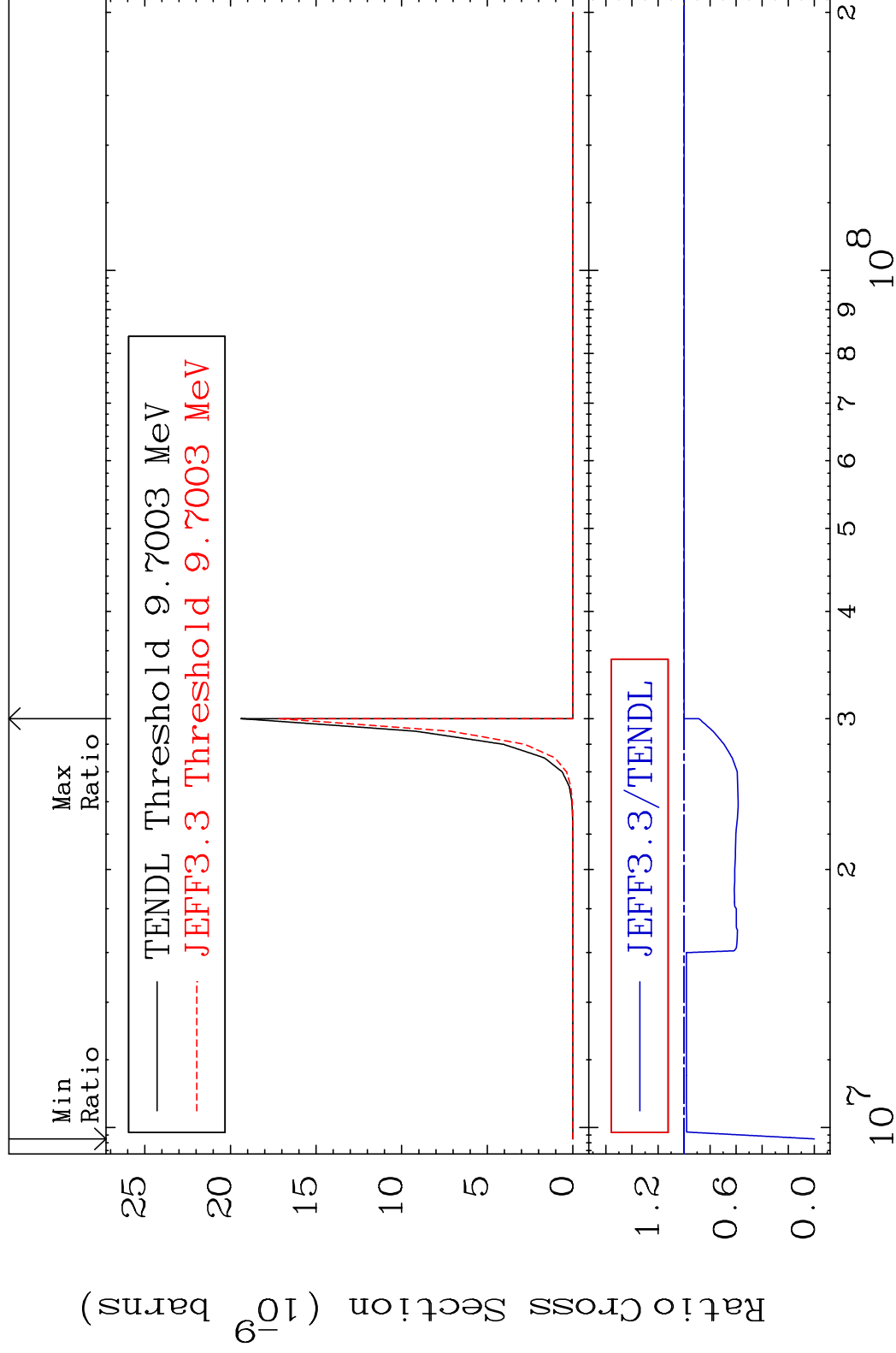
76-Os-186

MAT 7631

(n,p) d

76-0s-186

Cross Section -100.0 To 0.000 %

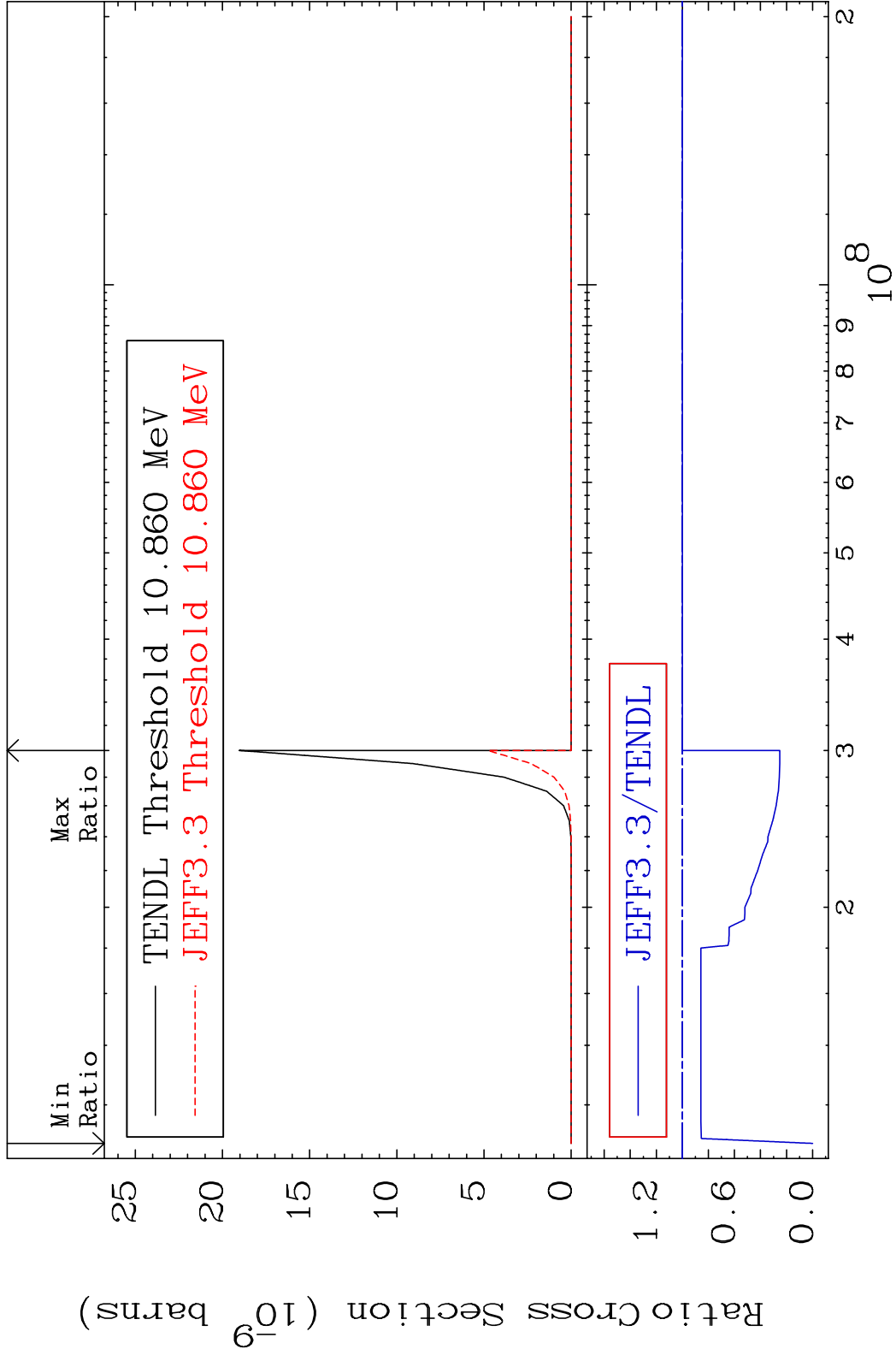


61

Incident Energy (eV)

76-0s-186

MAT 7631 (n,p) t 76-0s-186  
 Cross Section -100.0 To 0.000 %

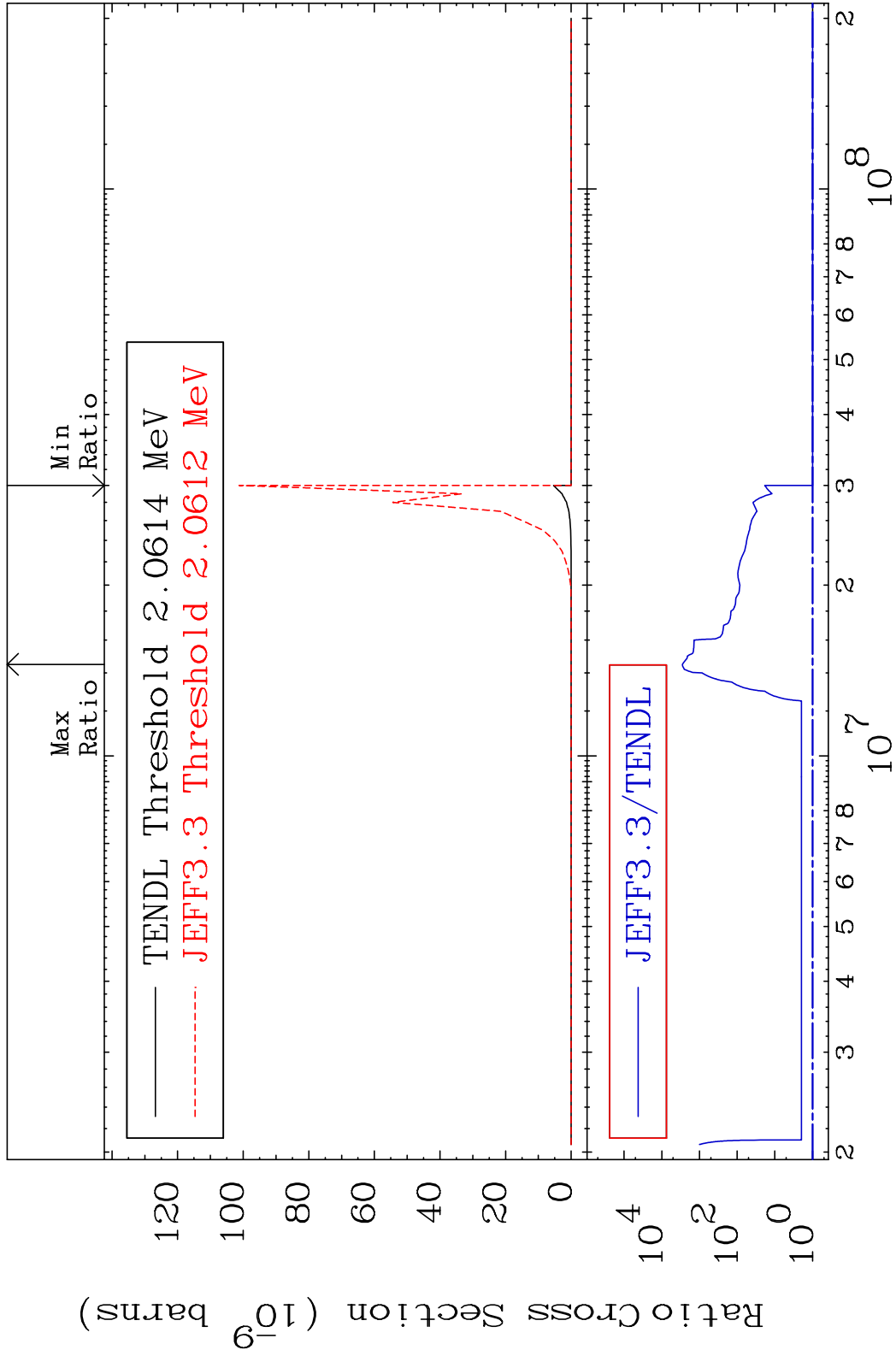


MAT 7631

(n,d)  $\alpha$

76-0s-186

Cross Section 0.000 To 9999. %



63

Incident Energy (eV)

76-0s-186

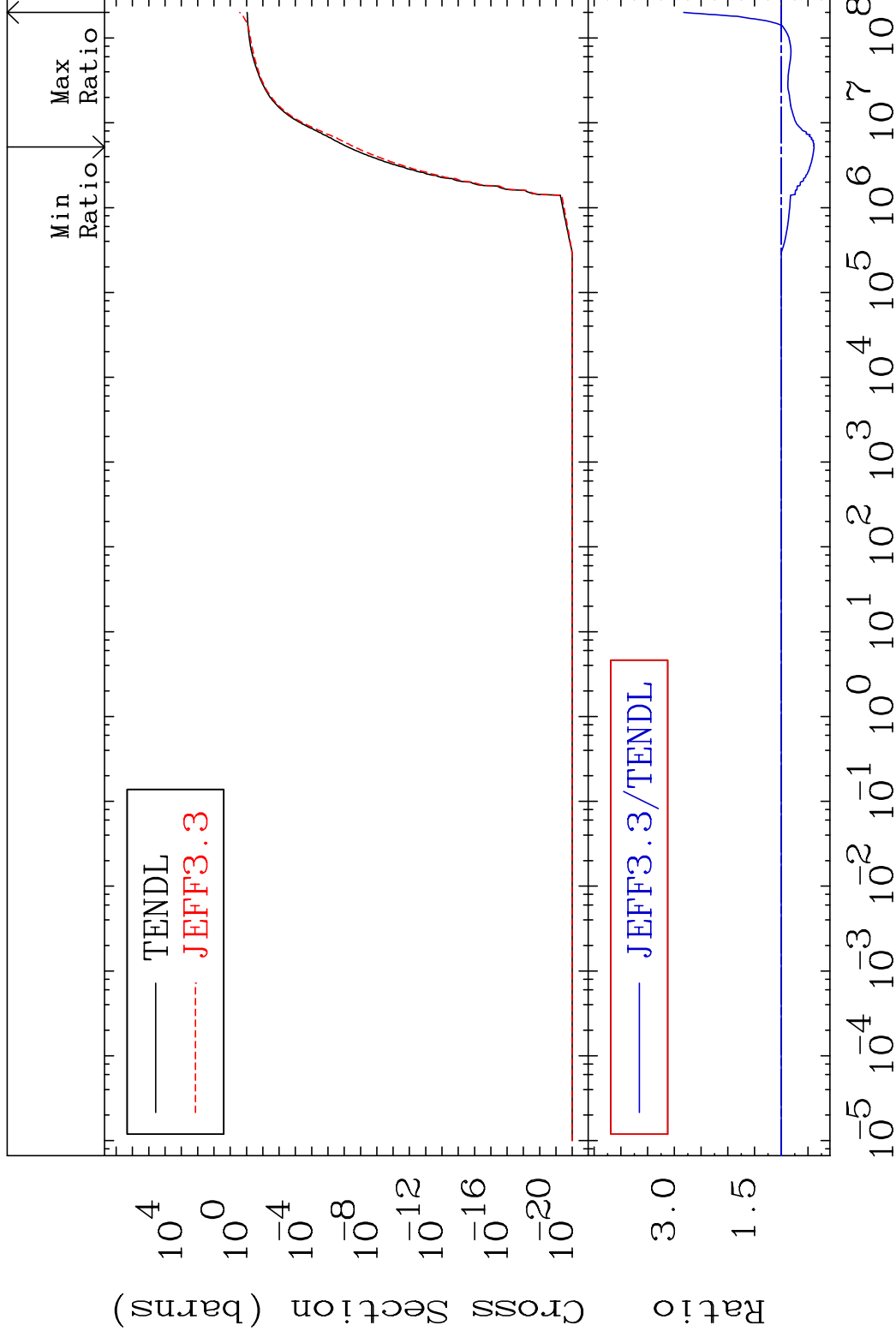
MAT 7631

Hydrogen Production

76-0s-186

Cross Section

-61.24 To 182.6 %



64

Incident Energy (eV)

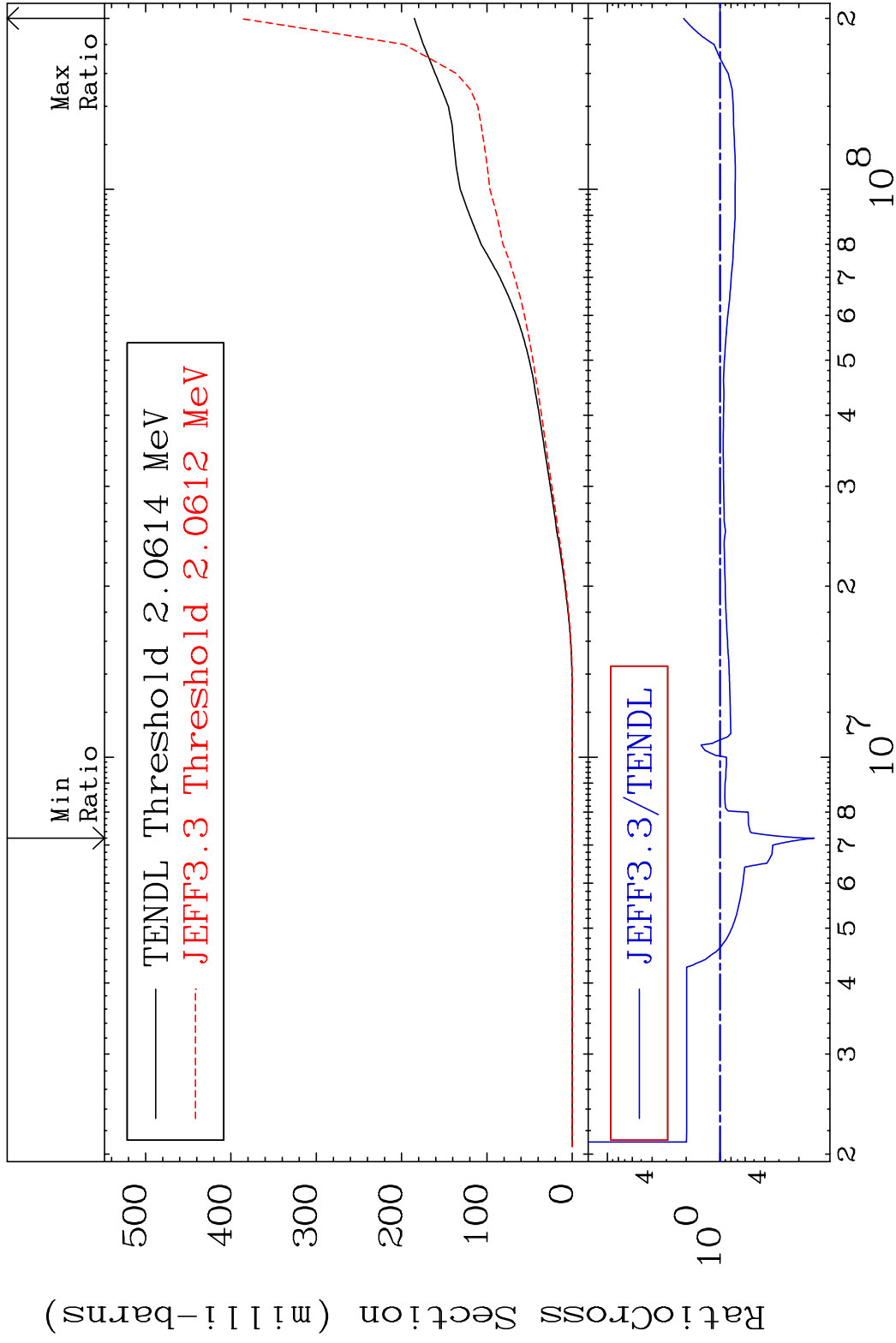
76-0s-186

MAT 7631

Deuterium Production

76-Os-186

Cross Section -85.37 To 110.4 %

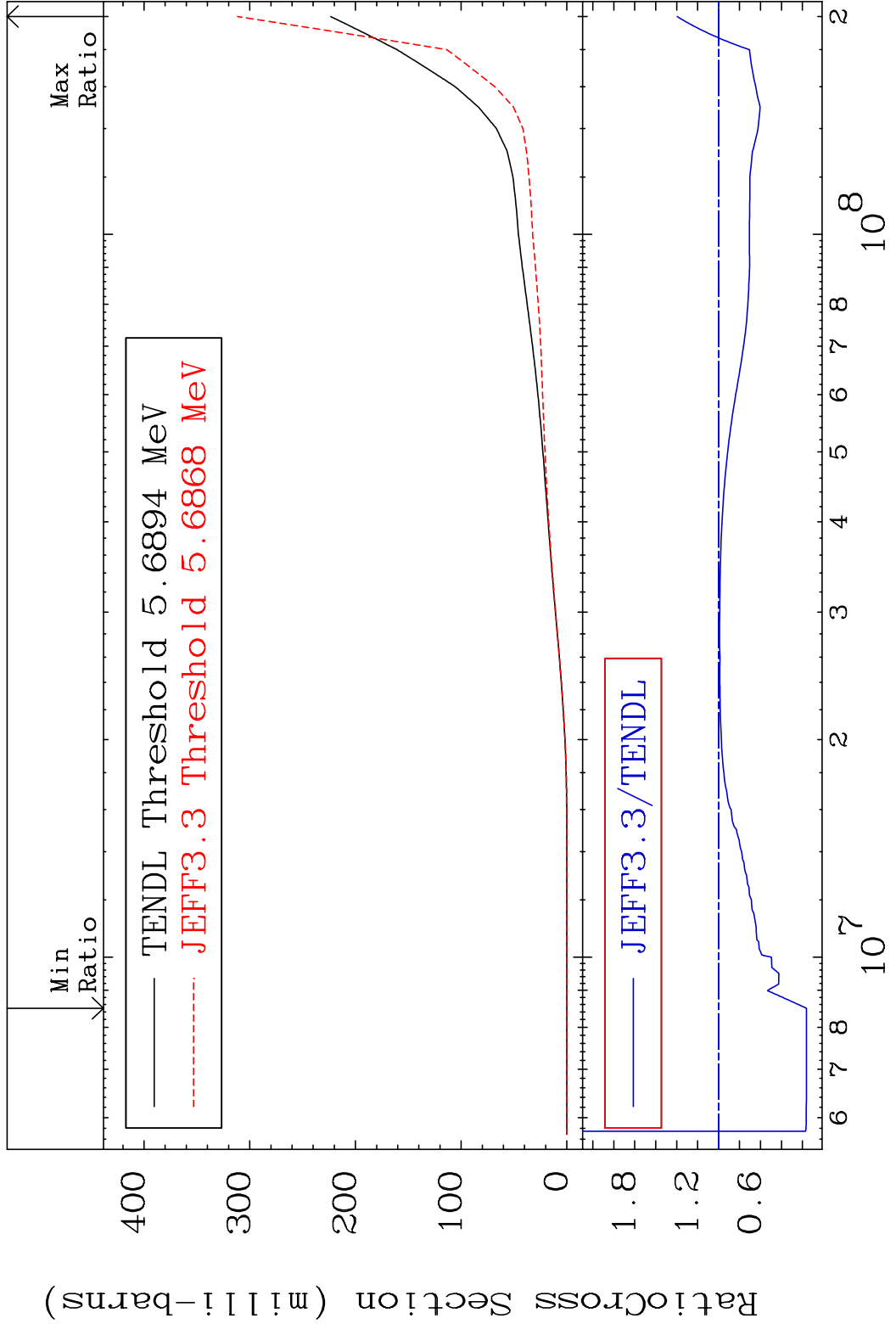


65

Incident Energy (eV)

76-Os-186

MAT 7631 Tritium Production 76-0s-186  
 Cross Section -83.75 To 39.50 %

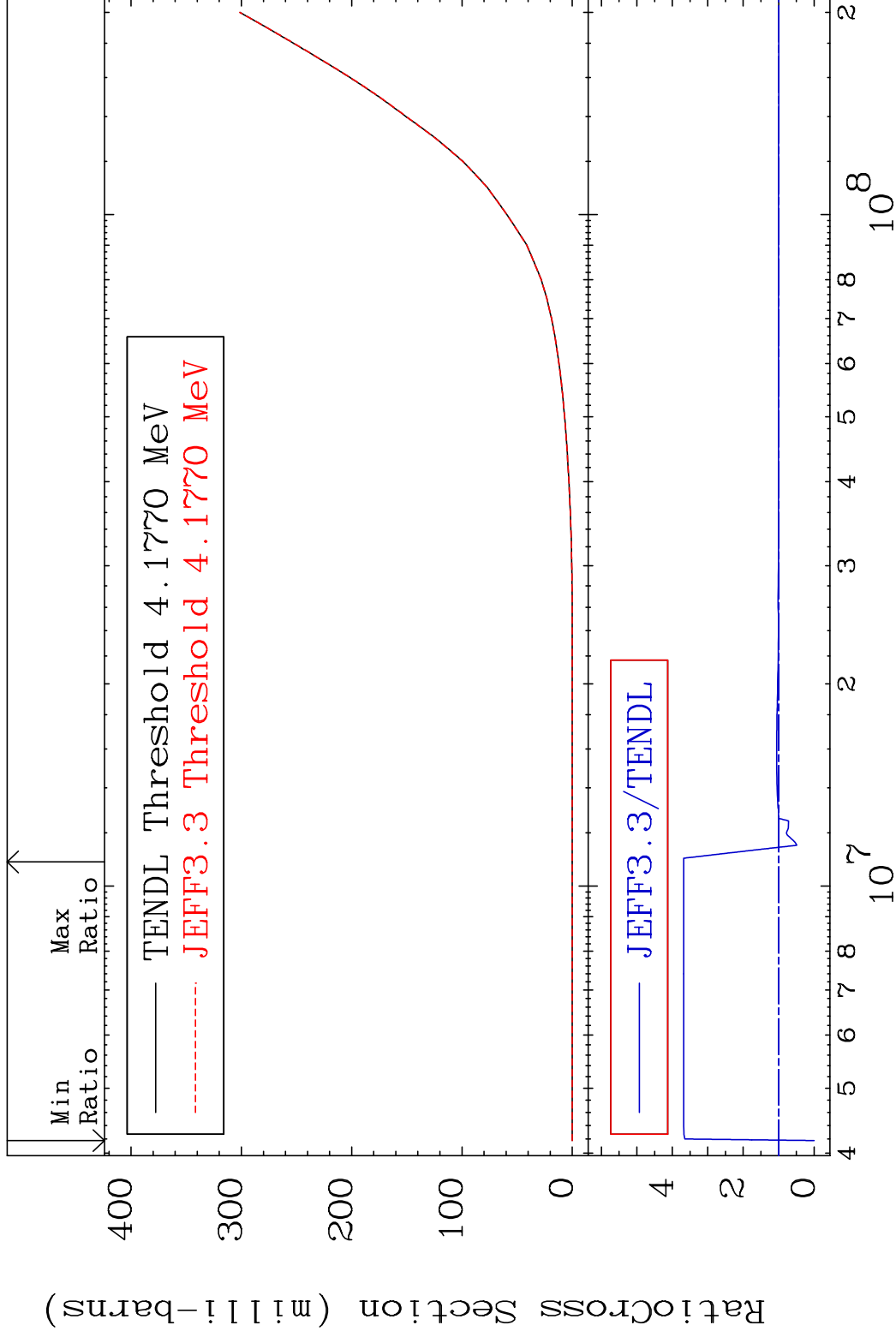


MAT 7631

He-3 Production

76-Os-186

Cross Section -100.0 To 268.0 %



67

Incident Energy (eV)

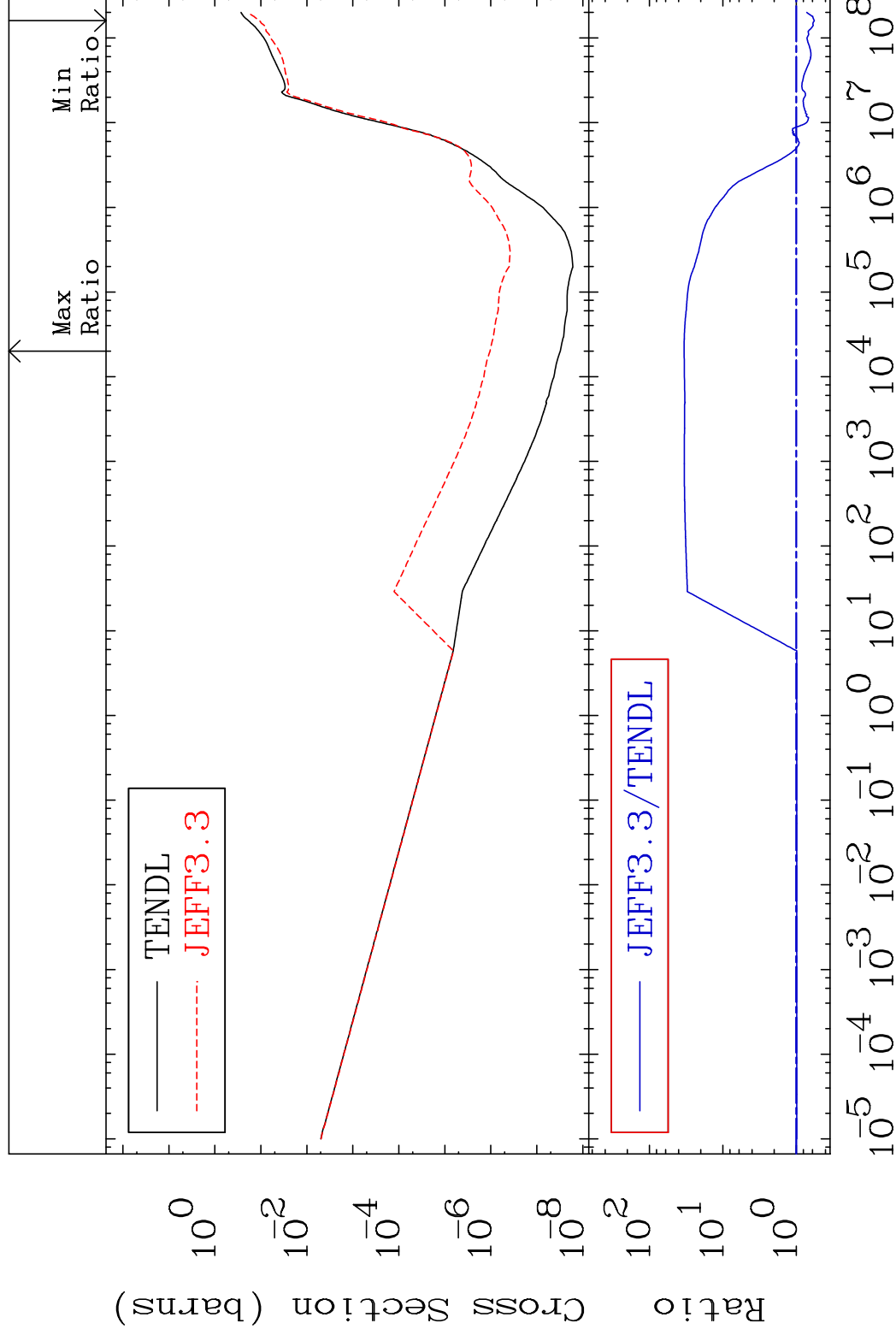
76-Os-186

MAT 7631

He-4 Production

76-0s-186

Cross Section -43.09 To 3272. %

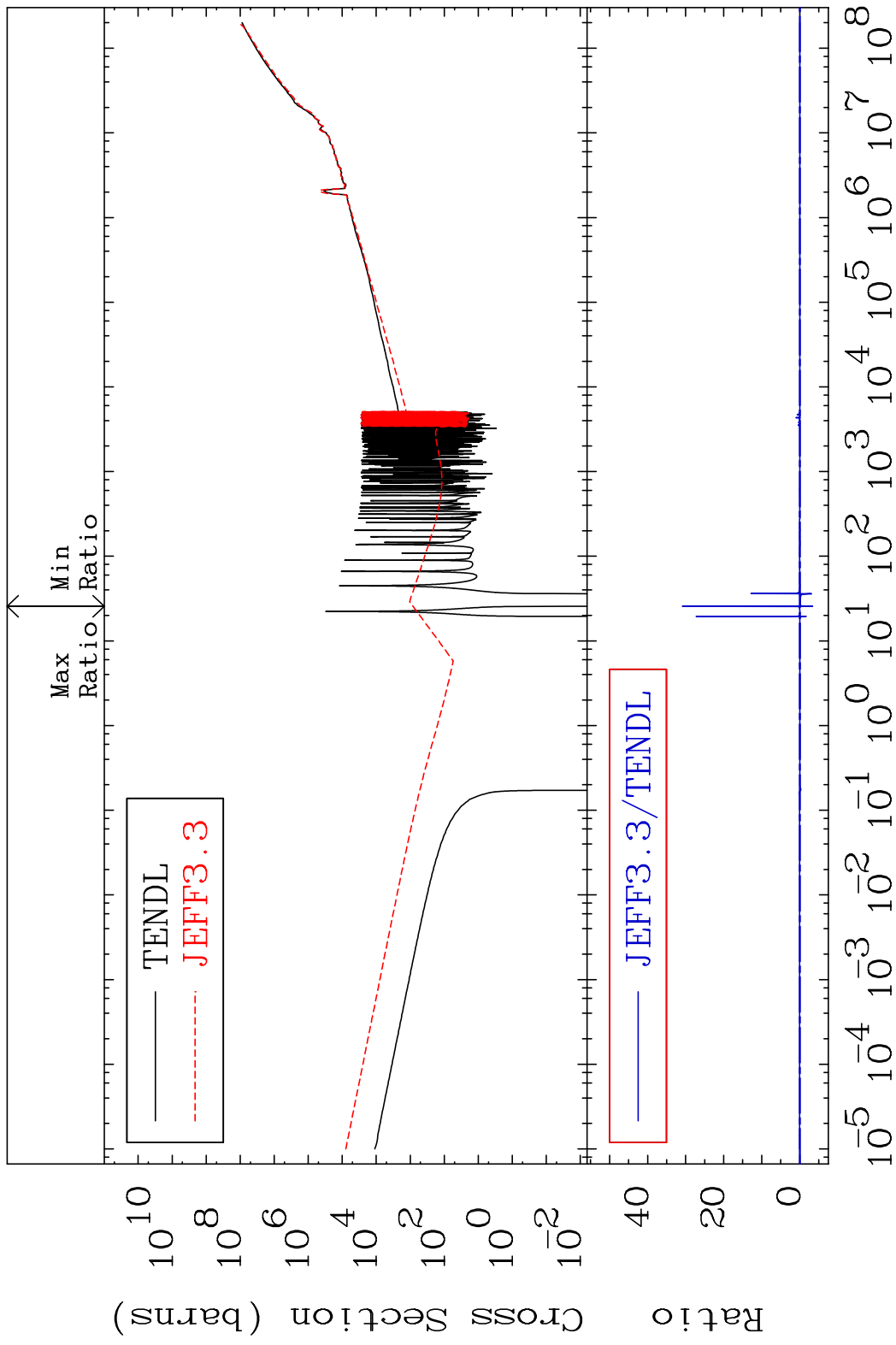


68

Incident Energy (eV)

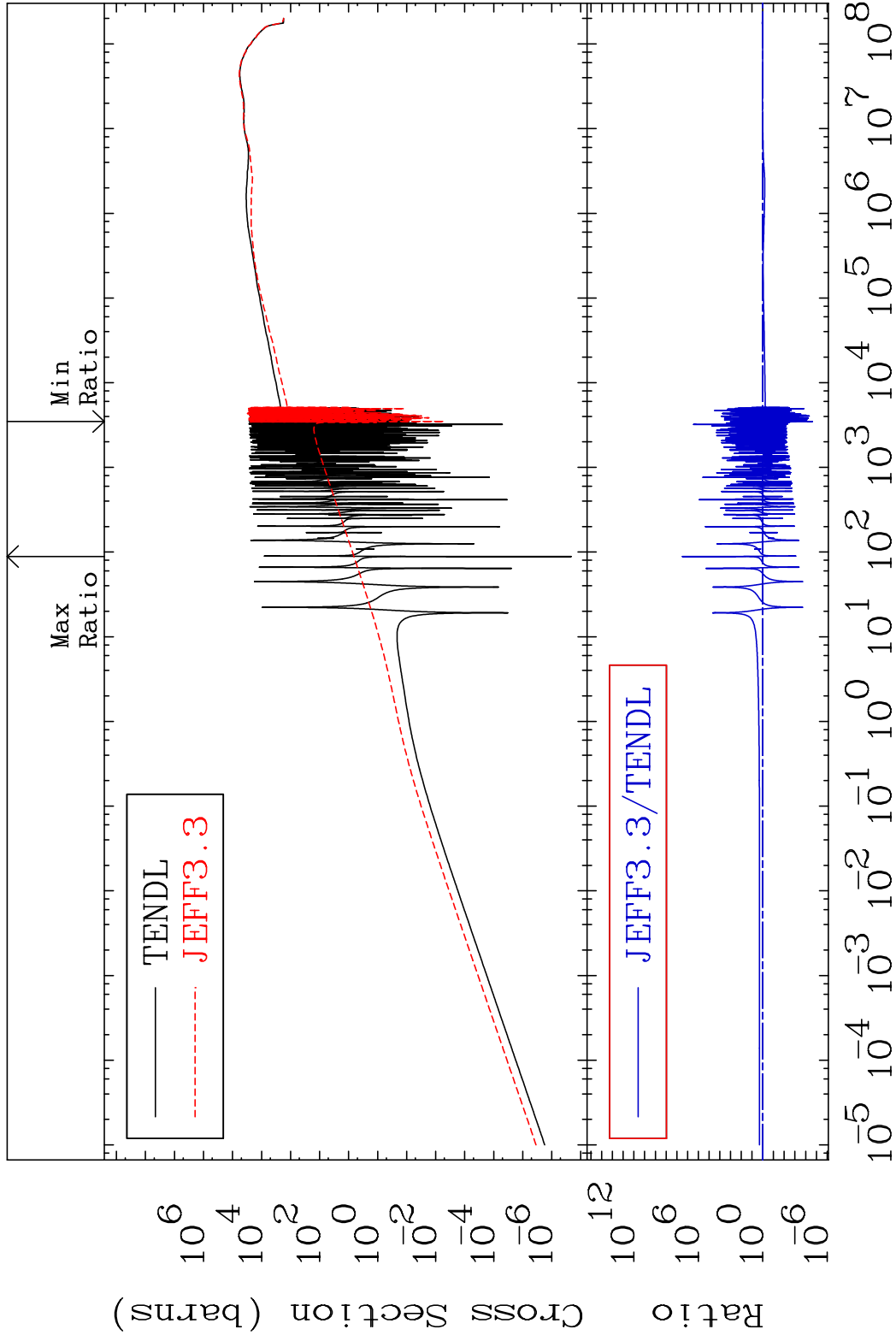
76-0s-186

MAT 7631 Kerma total (eV-barns) 76-0s-186  
 Cross Section -9999. To 9999. %



MAT 7631

Kerma elastic Cross Section -100.0 To 9999. %  
76-0s-186

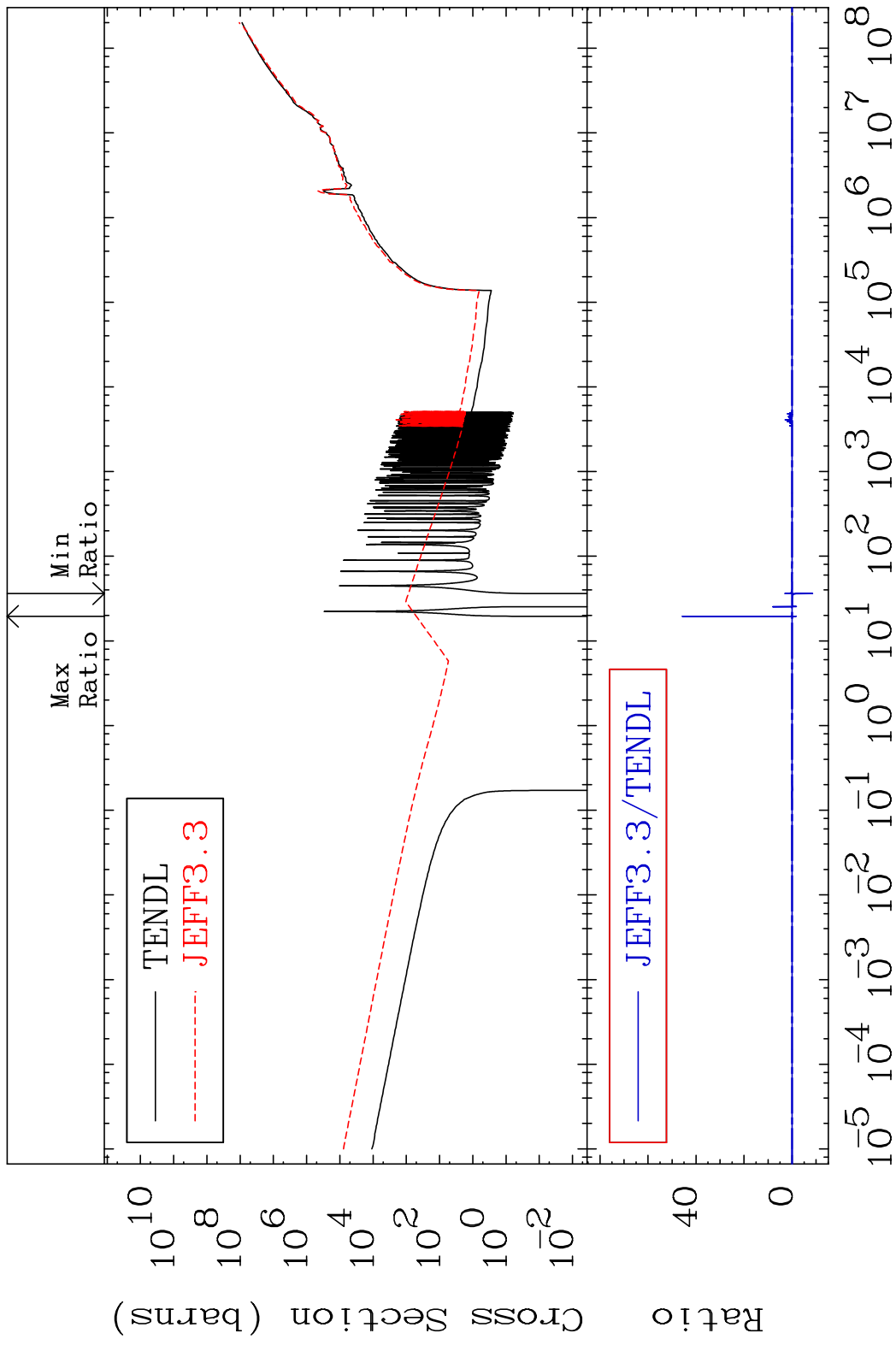


70

Incident Energy (eV)

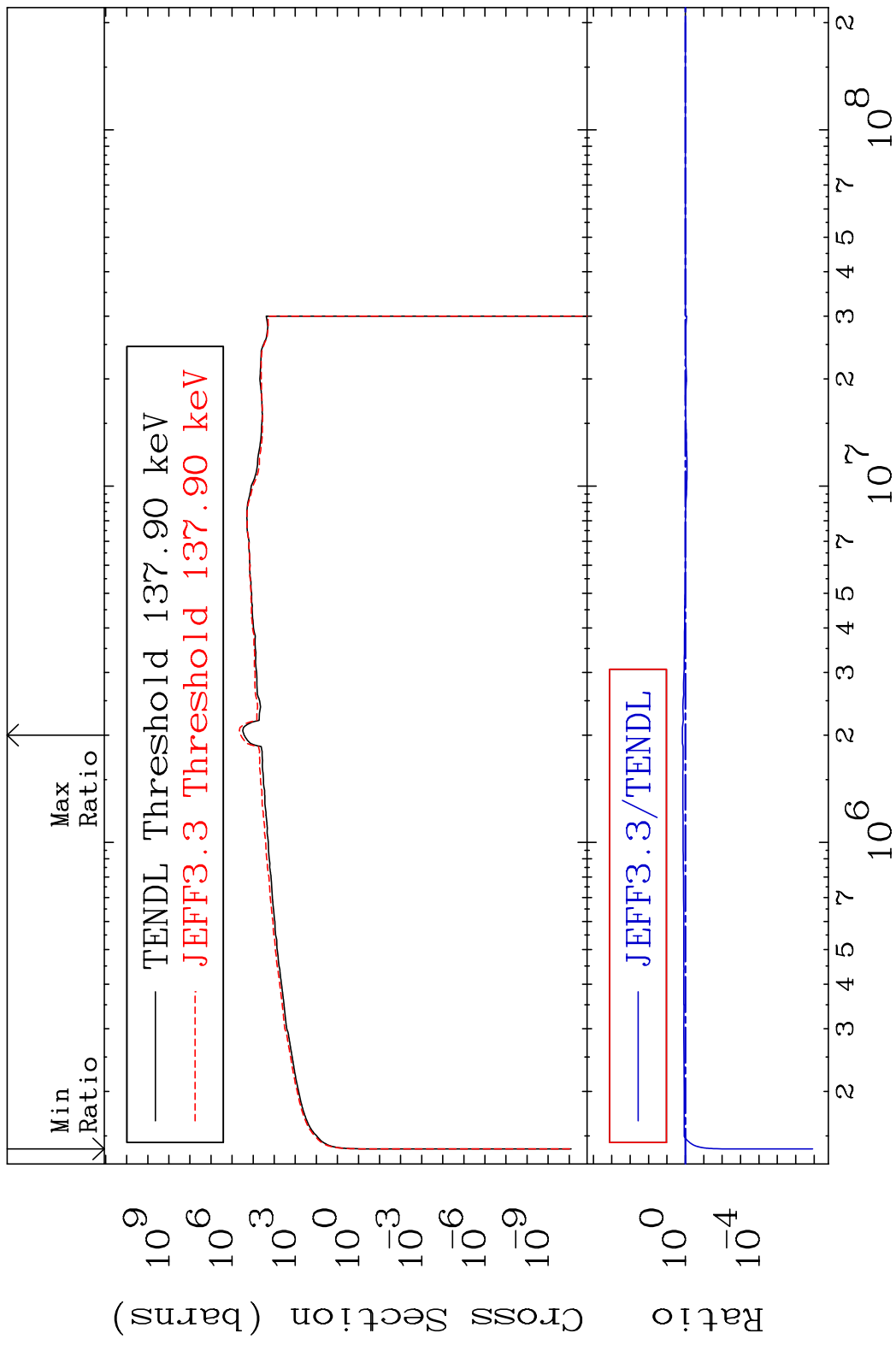
76-0s-186

MAT 7631 Kerma non-elastic (all but mt2) 76-Os-186  
 Cross Section -9999. To 9999. %

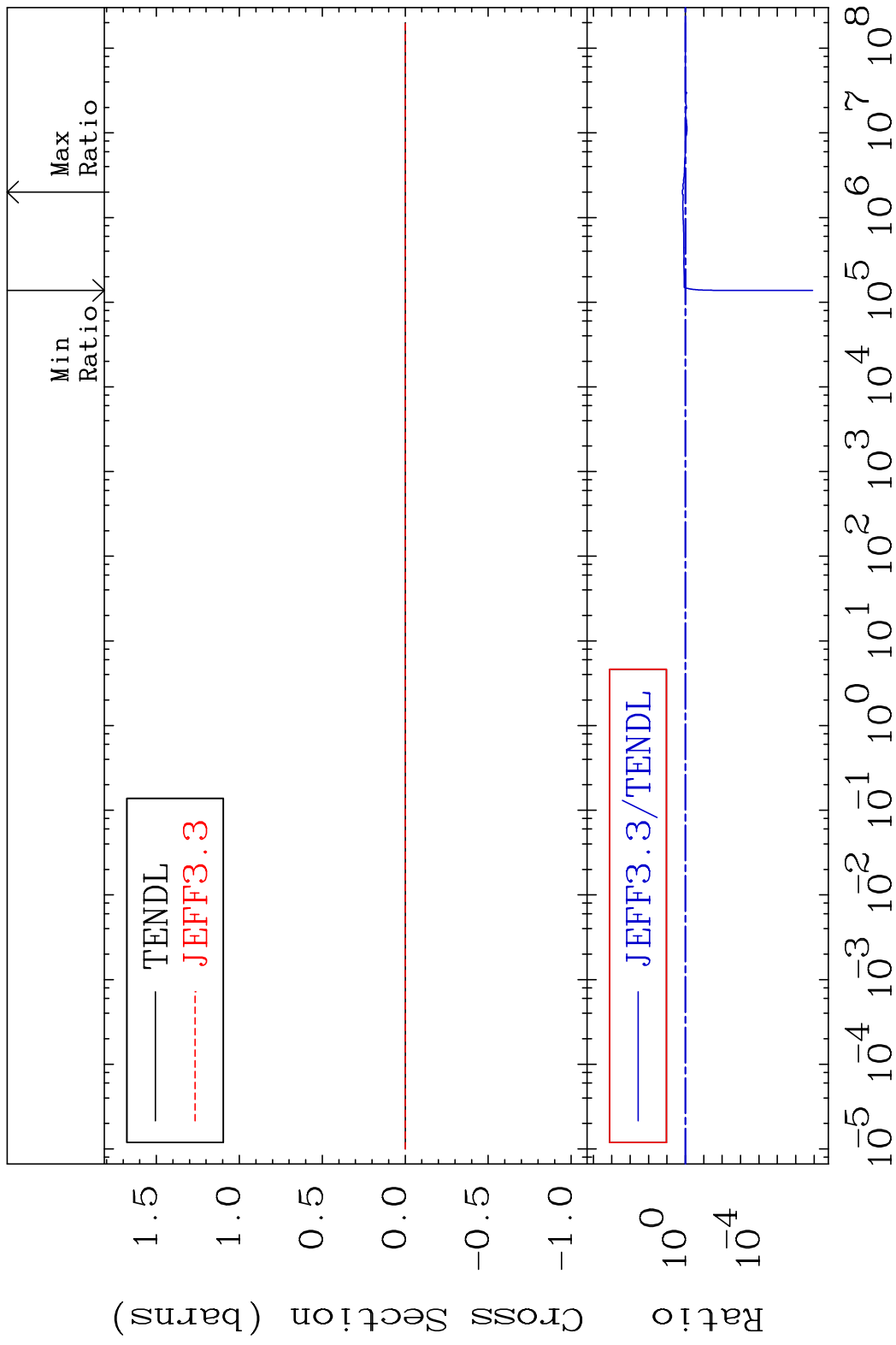


71 Incident Energy (eV) 76-Os-186

MAT 7631 Kerma inelastic (mt51-91) 76-Os-186  
 Cross Section -100.0 To 46.19 %



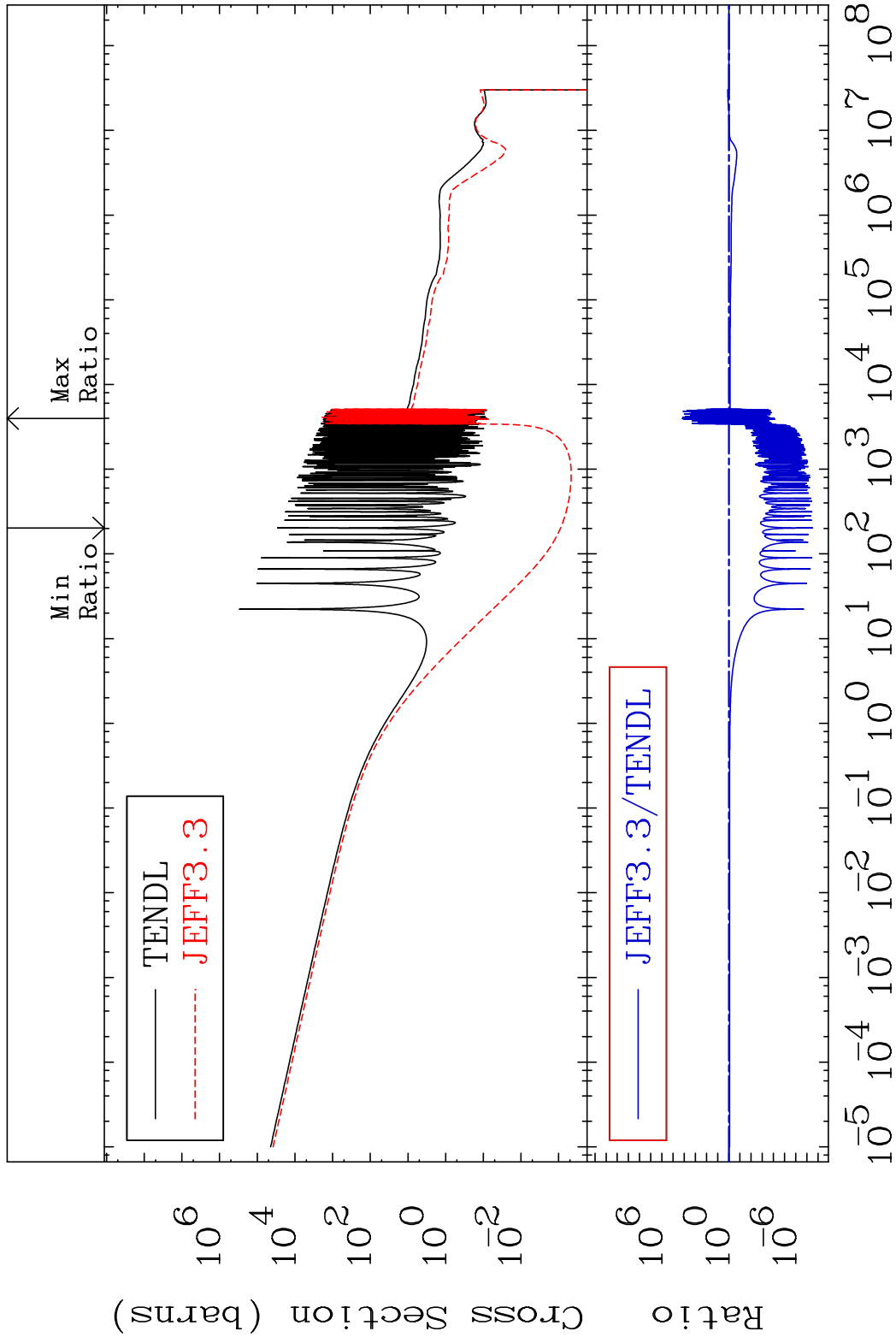
MAT 7631 Kerma fission (mt18 or mt19-20-21-38)76-0s-186  
 Cross Section -100.0 To 46.19 %



MAT 7631

Kerma capture (mt102) 76-0s-186

Cross Section -100.0 To 9999. %

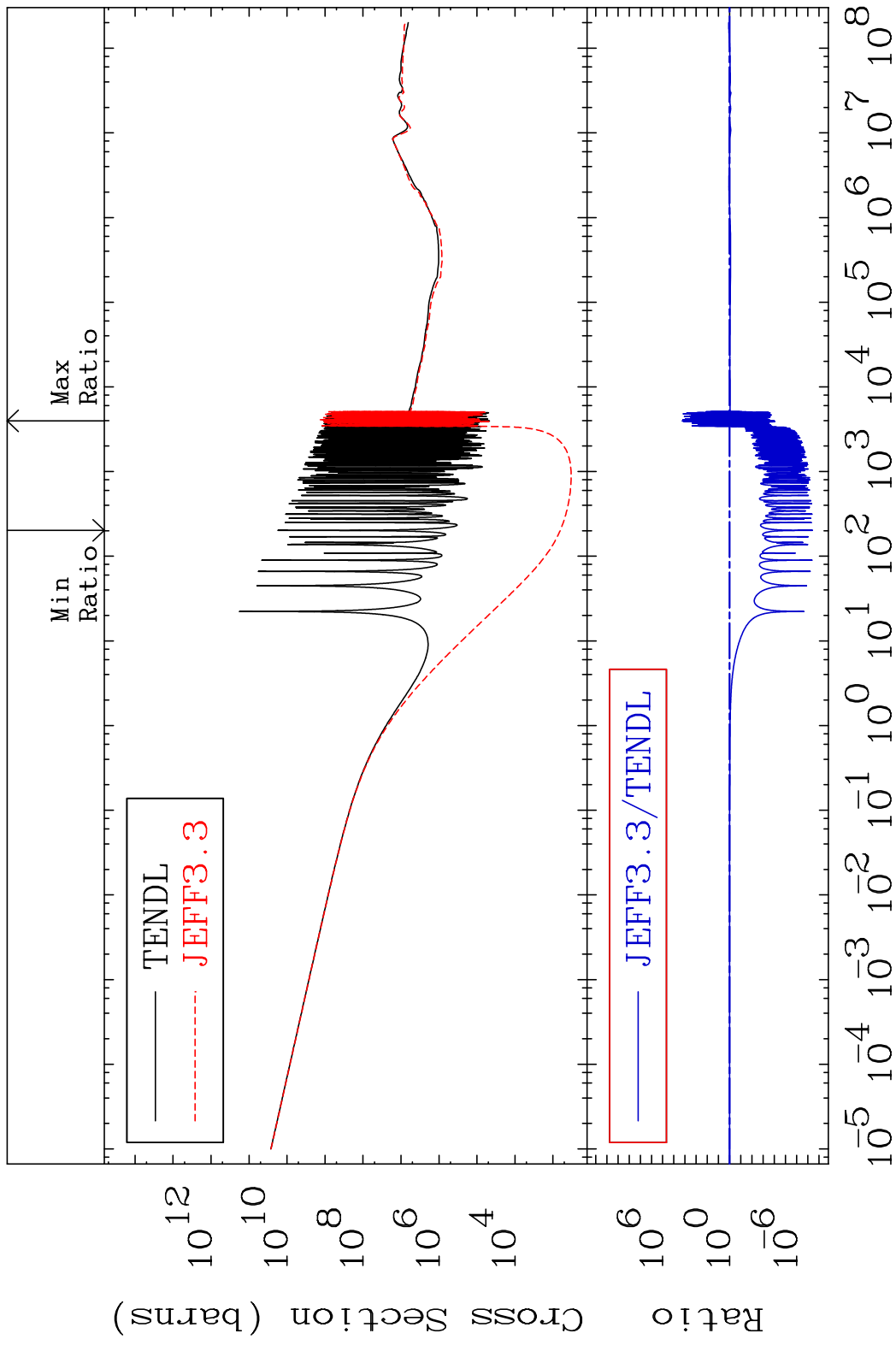


74

Incident Energy (eV)

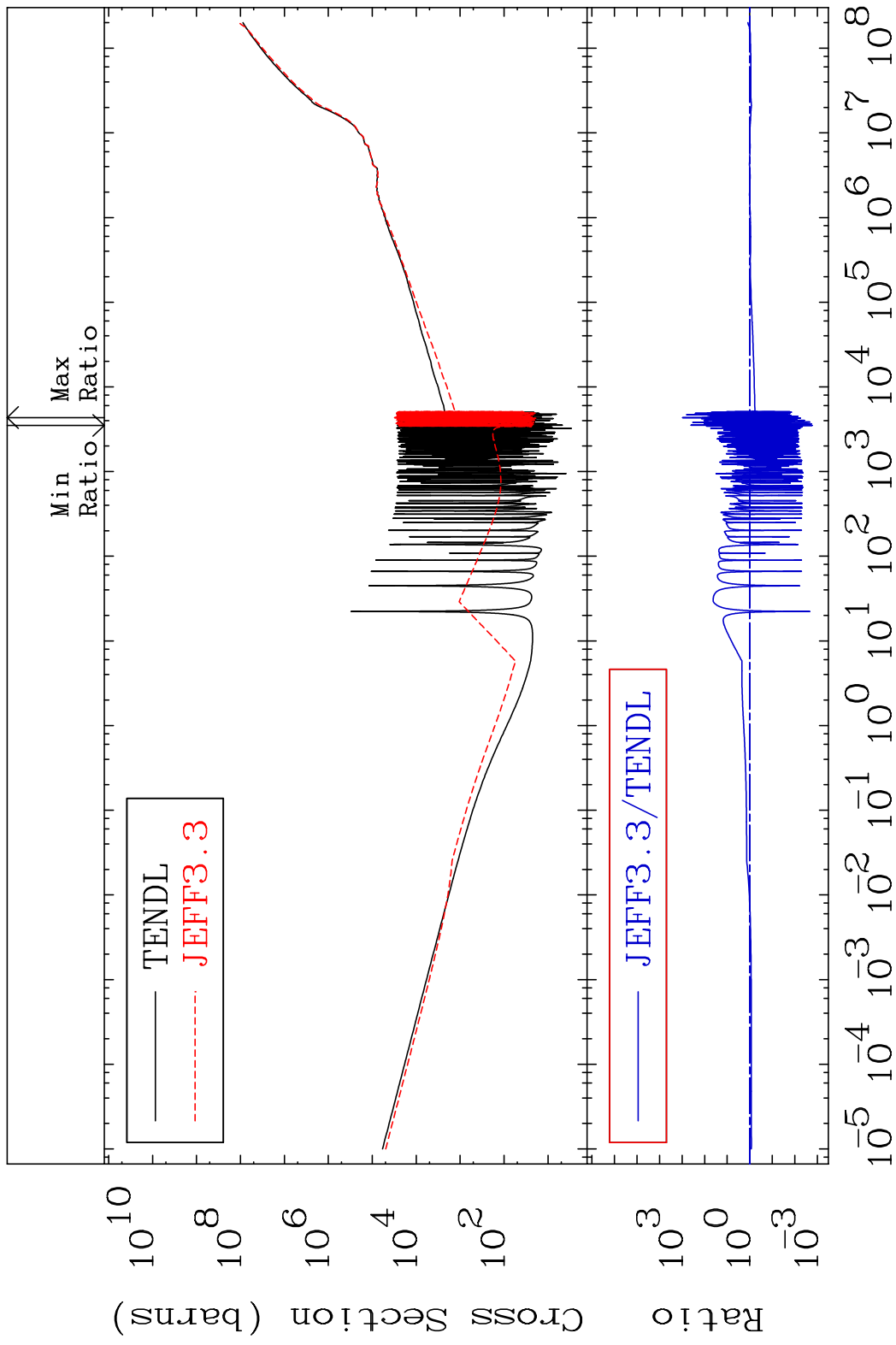
76-0s-186

MAT 7631 Total photon (eV-barns) 76-0s-186  
 Cross Section -100.0 To 9999. %



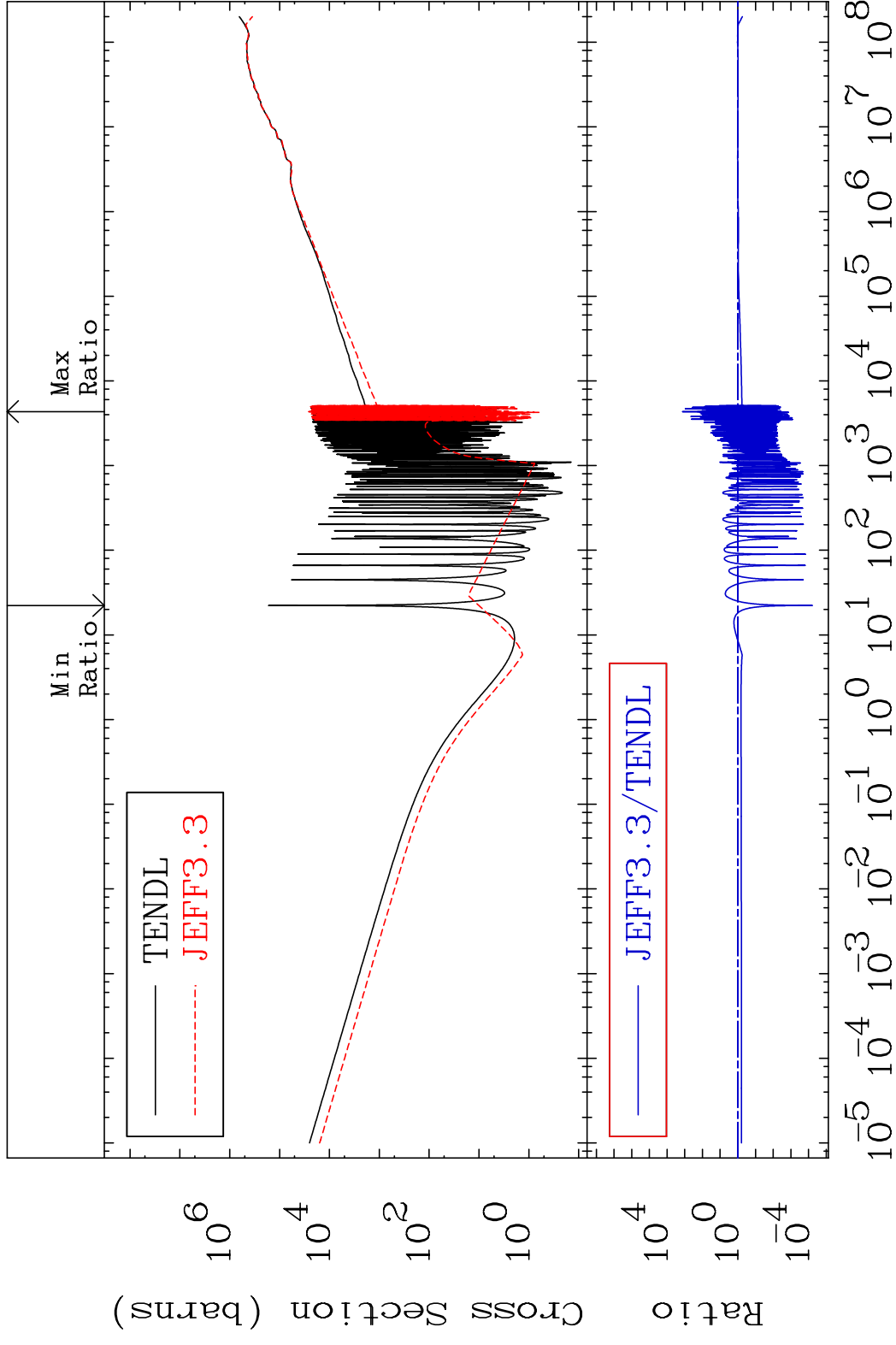
75 Incident Energy (eV) 76-0s-186

MAT 7631 Total kinematic kerma (high limit) 76-0s-186  
 Cross Section -99.84 To 9999. %



76 Incident Energy (eV) 76-0s-186

MAT 7631      Dpa total (eV-barns)      76-0s-186  
 Cross Section      -99.99 To 9999. %



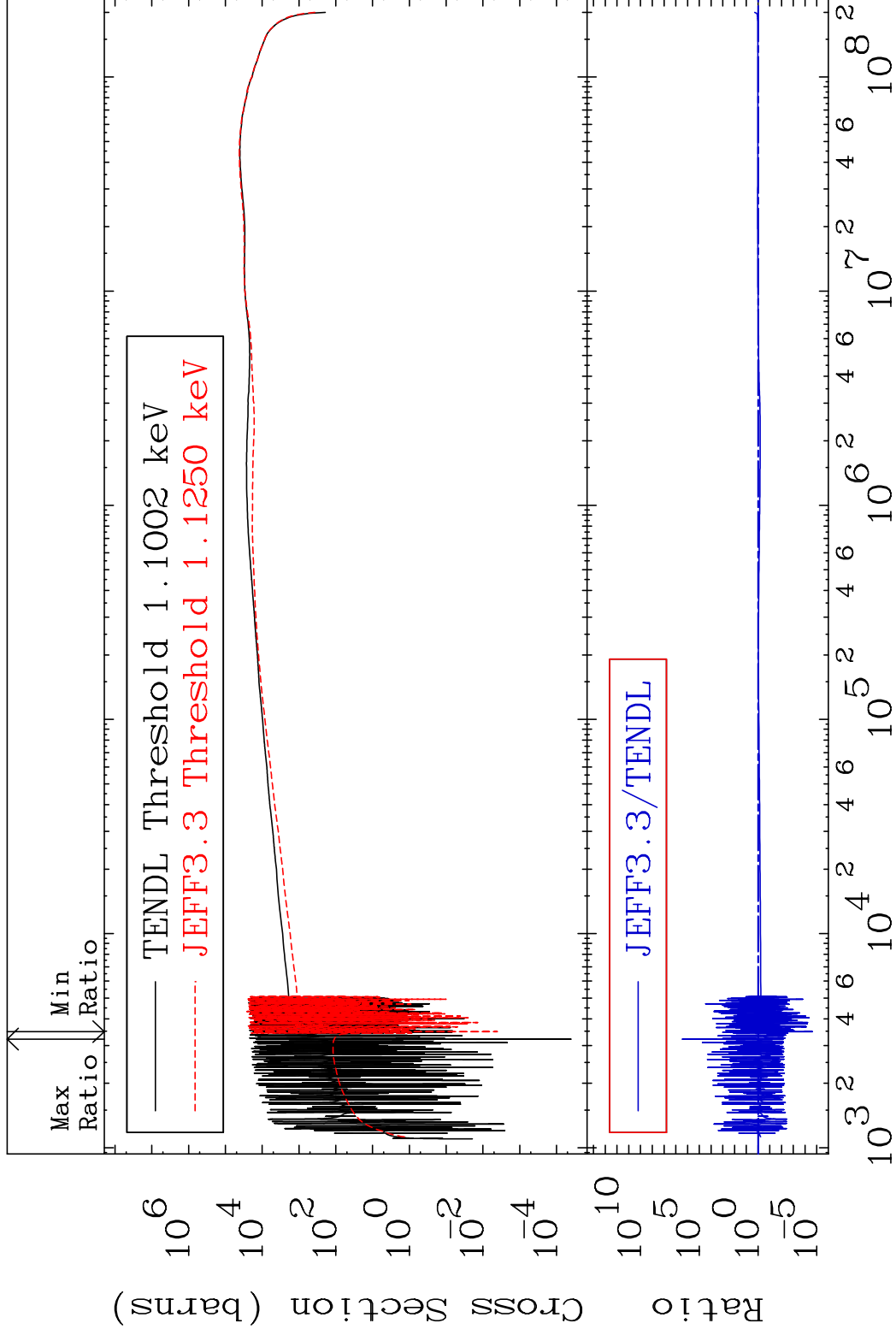
77      Incident Energy (eV)      76-0s-186

MAT 7631

Dpa elastic (mt2)

76-Os-186

Cross Section -100.0 To 9999. %

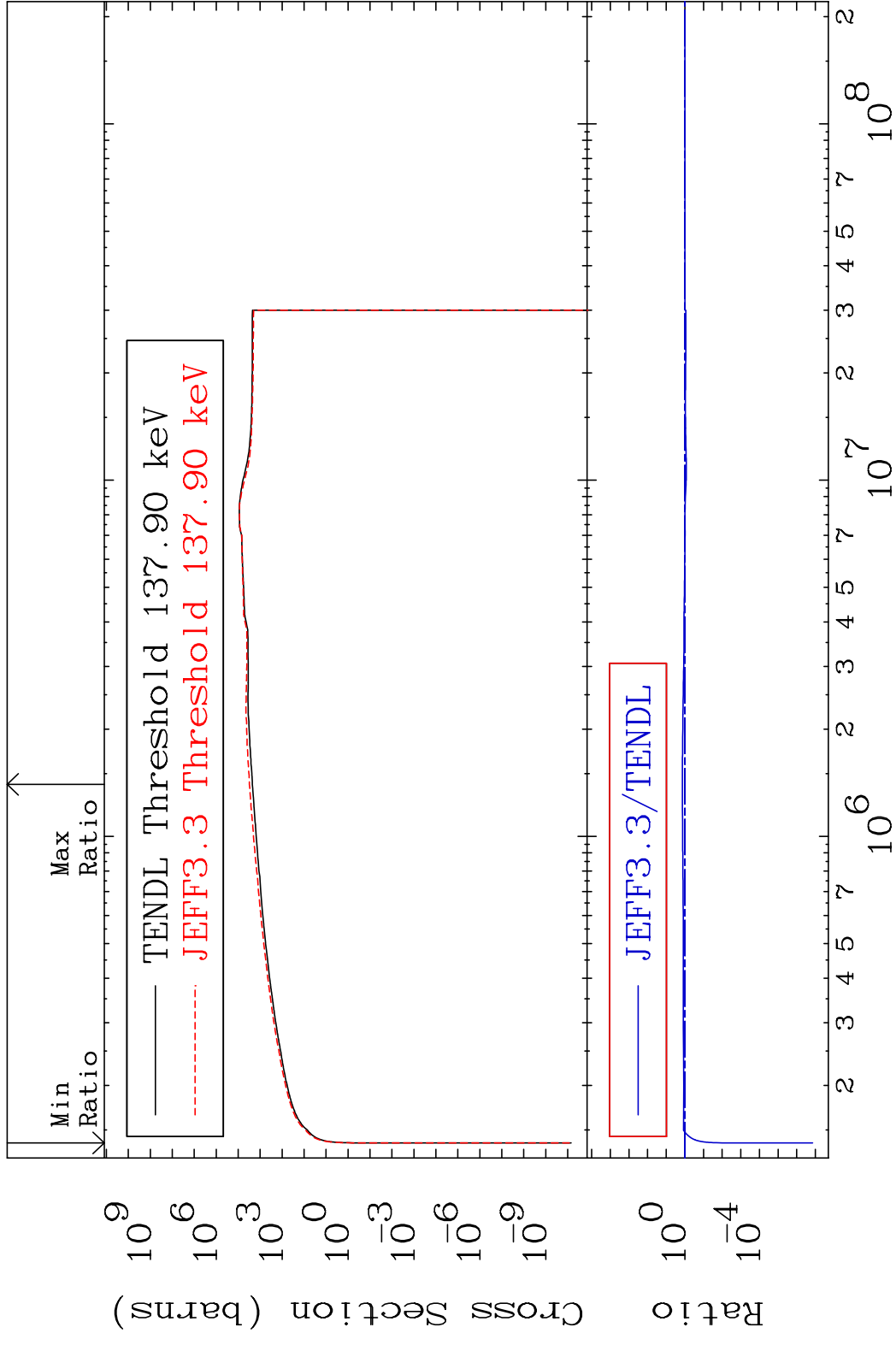


78

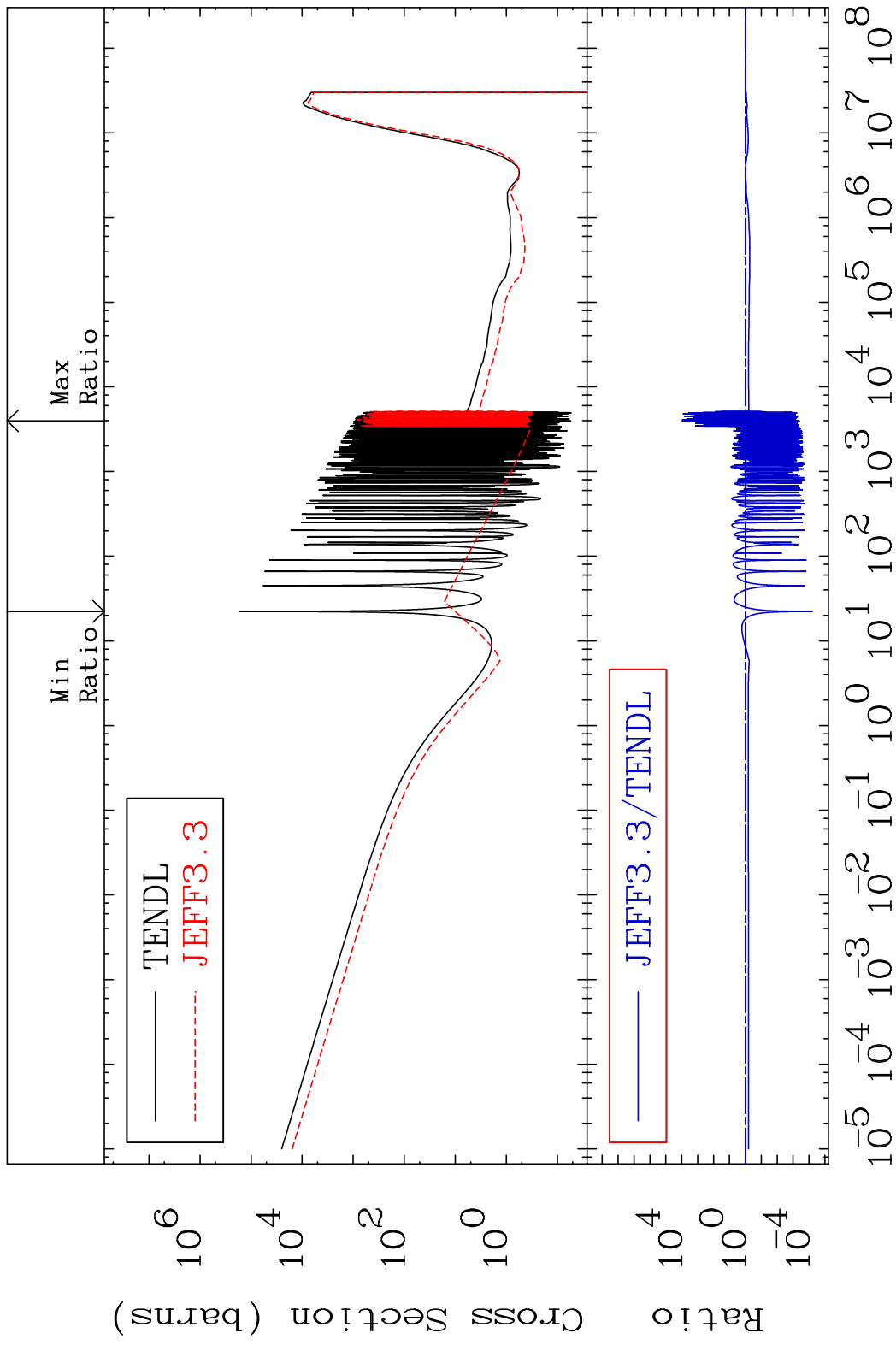
Incident Energy (eV)

76-Os-186

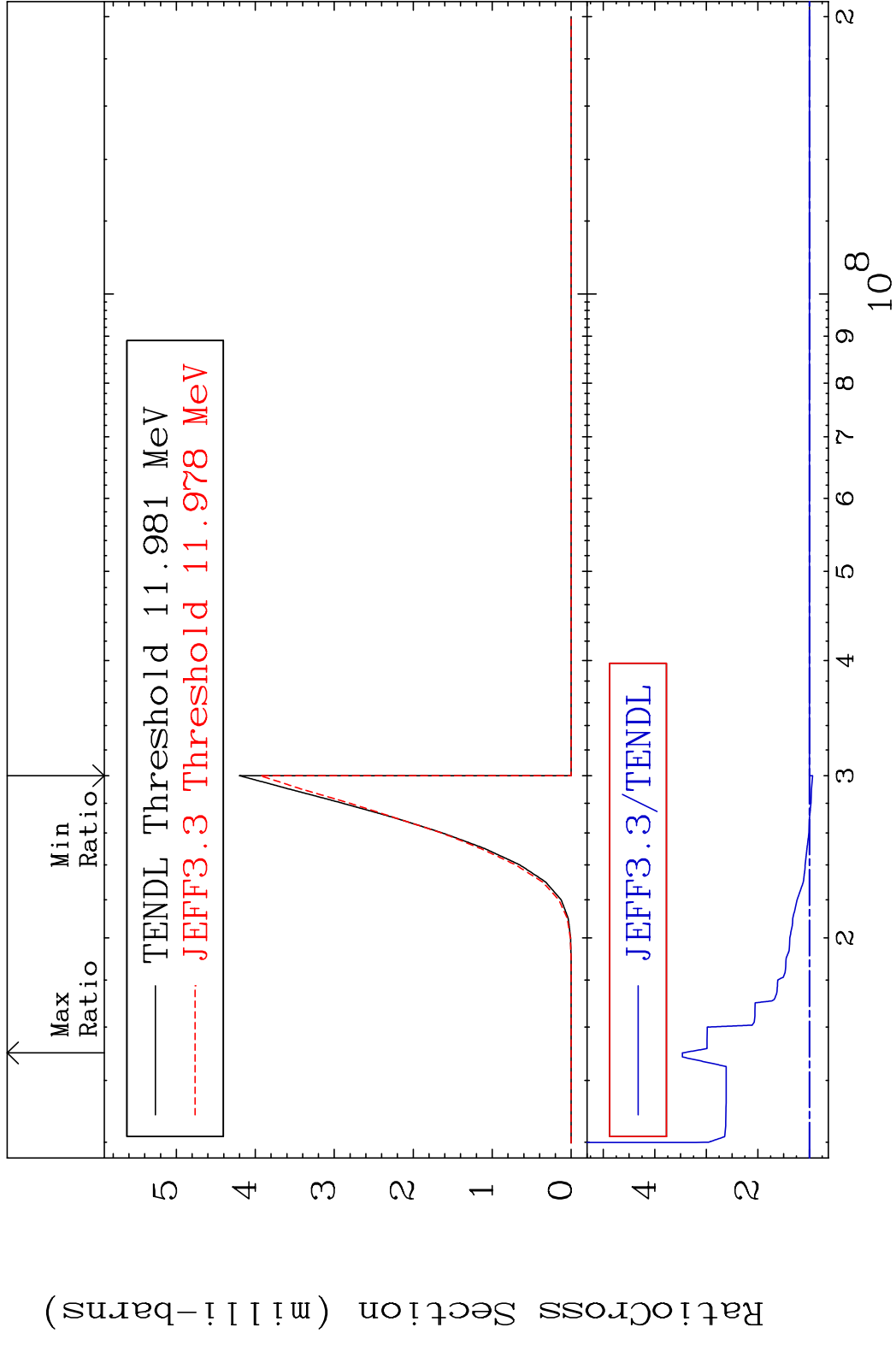
MAT 7631 Dpa inelastic (mt51-91) 76-0s-186  
 Cross Section -100.0 To 36.70 %

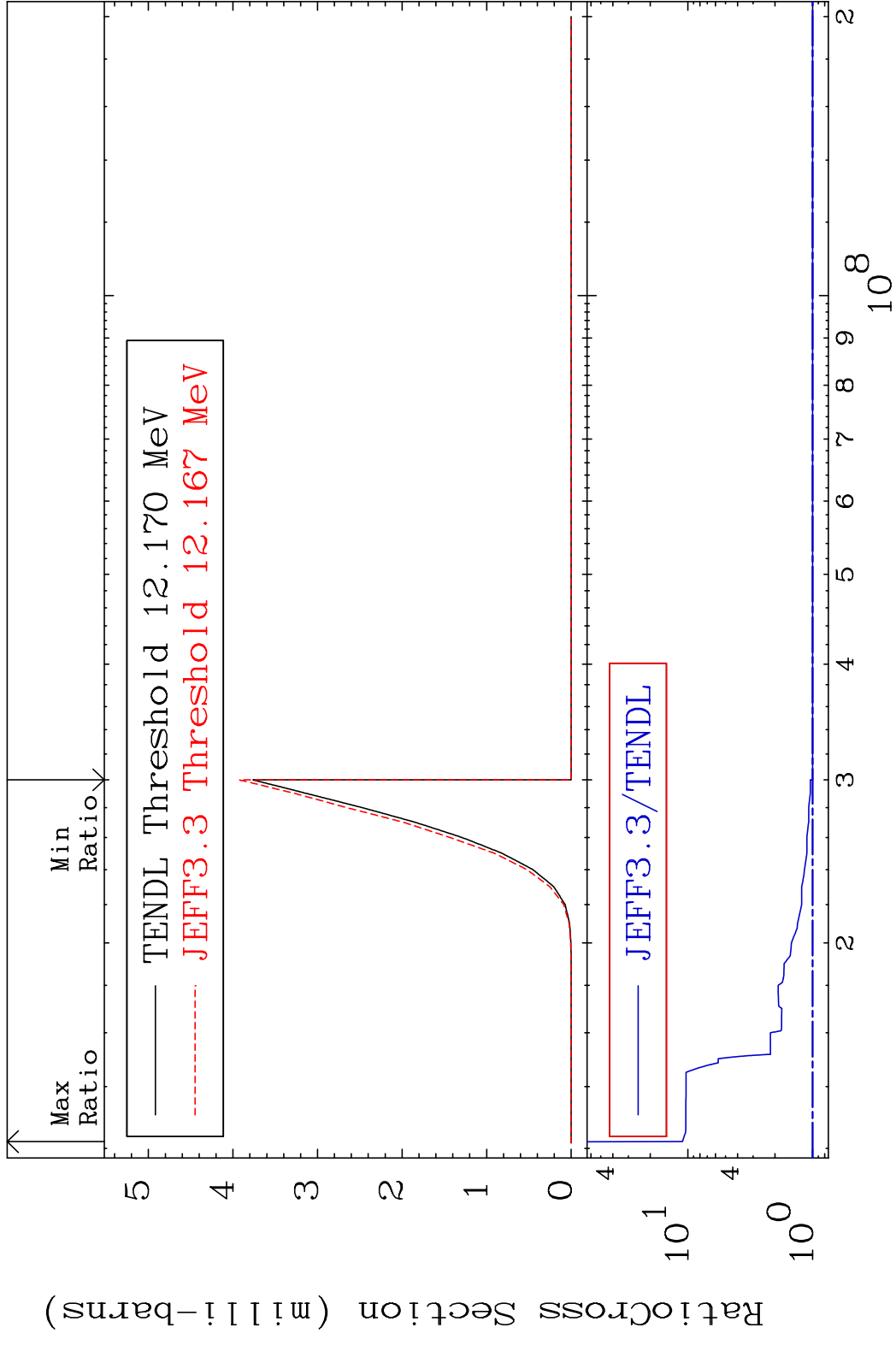


MAT 7631 Dpa disappearance (mt102 -120) 76-0s-186  
 Cross Section -99.99 To 9999. %

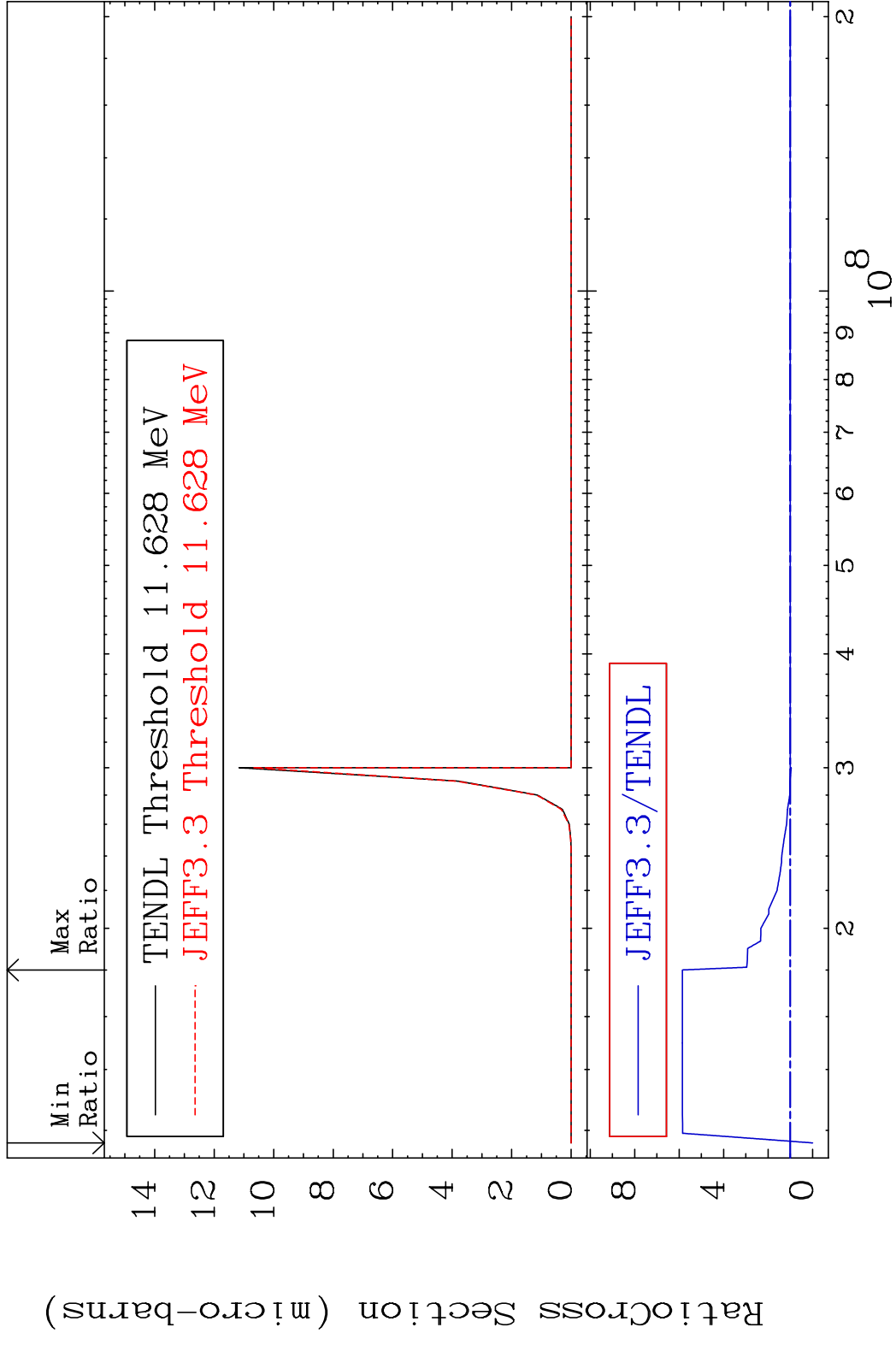


80 Incident Energy (eV) 76-0s-186

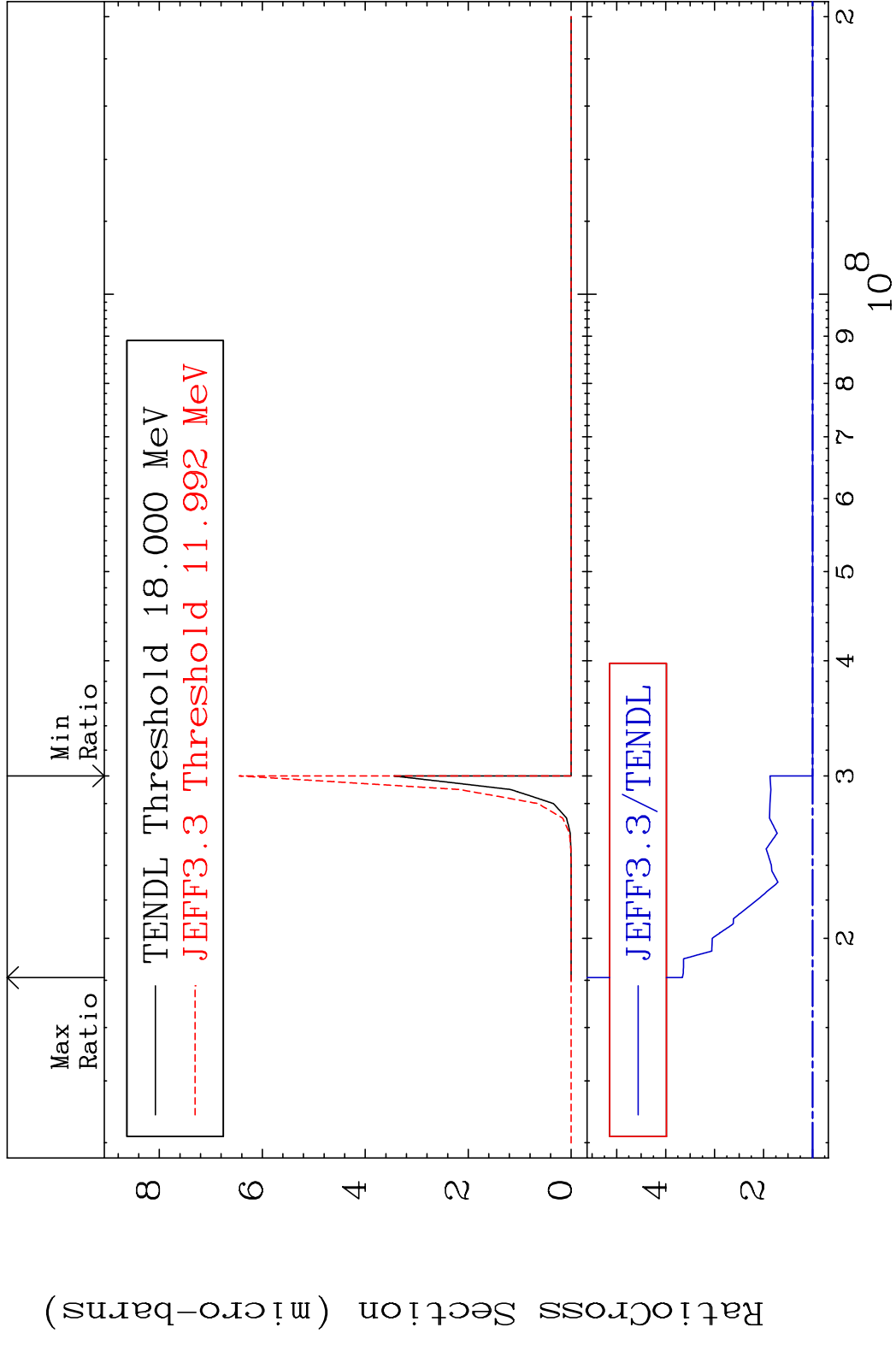




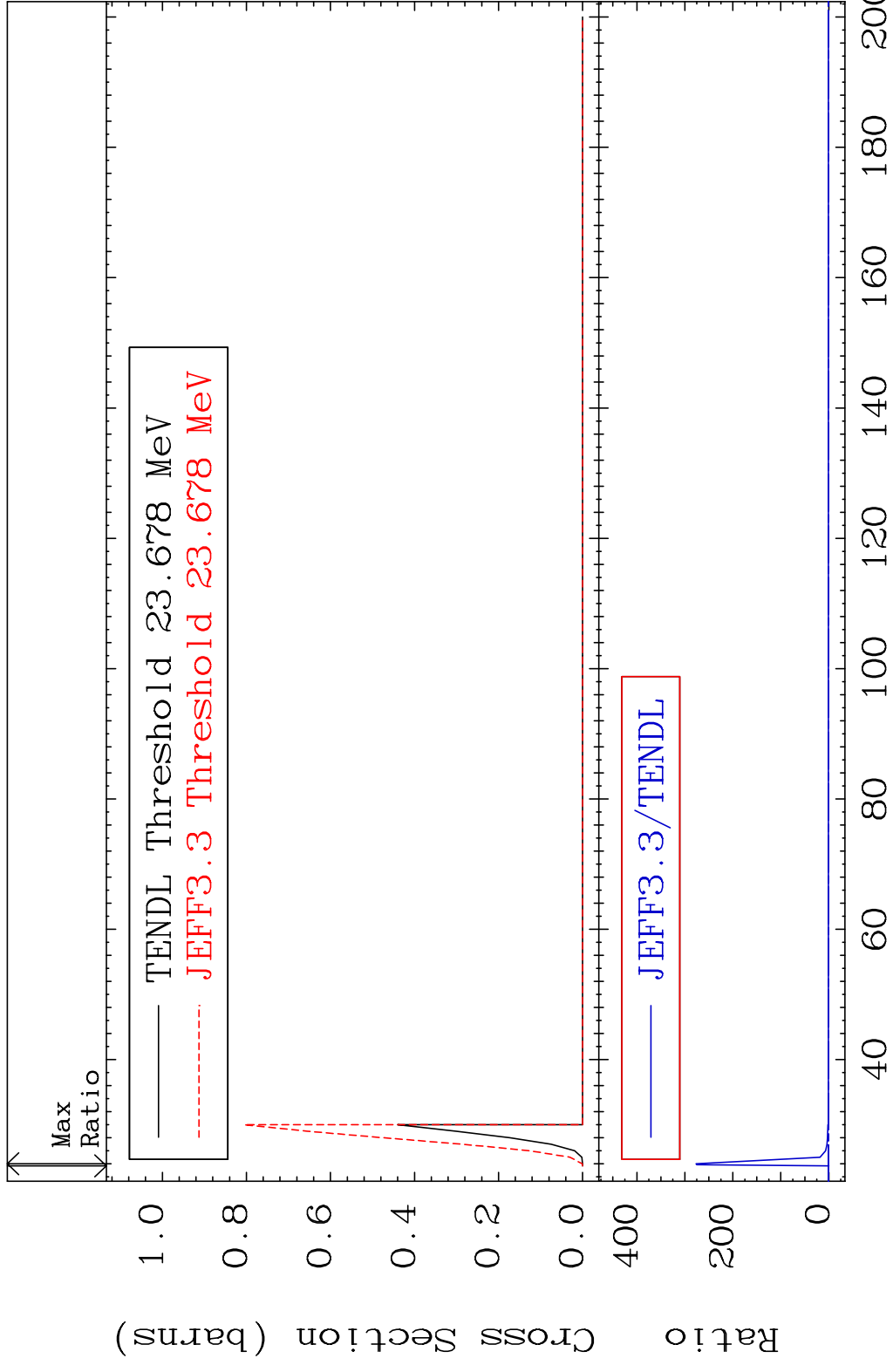
MAT 7631 (n, n') He-3:74-W -183g 76-0s-186  
 Radionuclide Production Cross Section 485.5 %

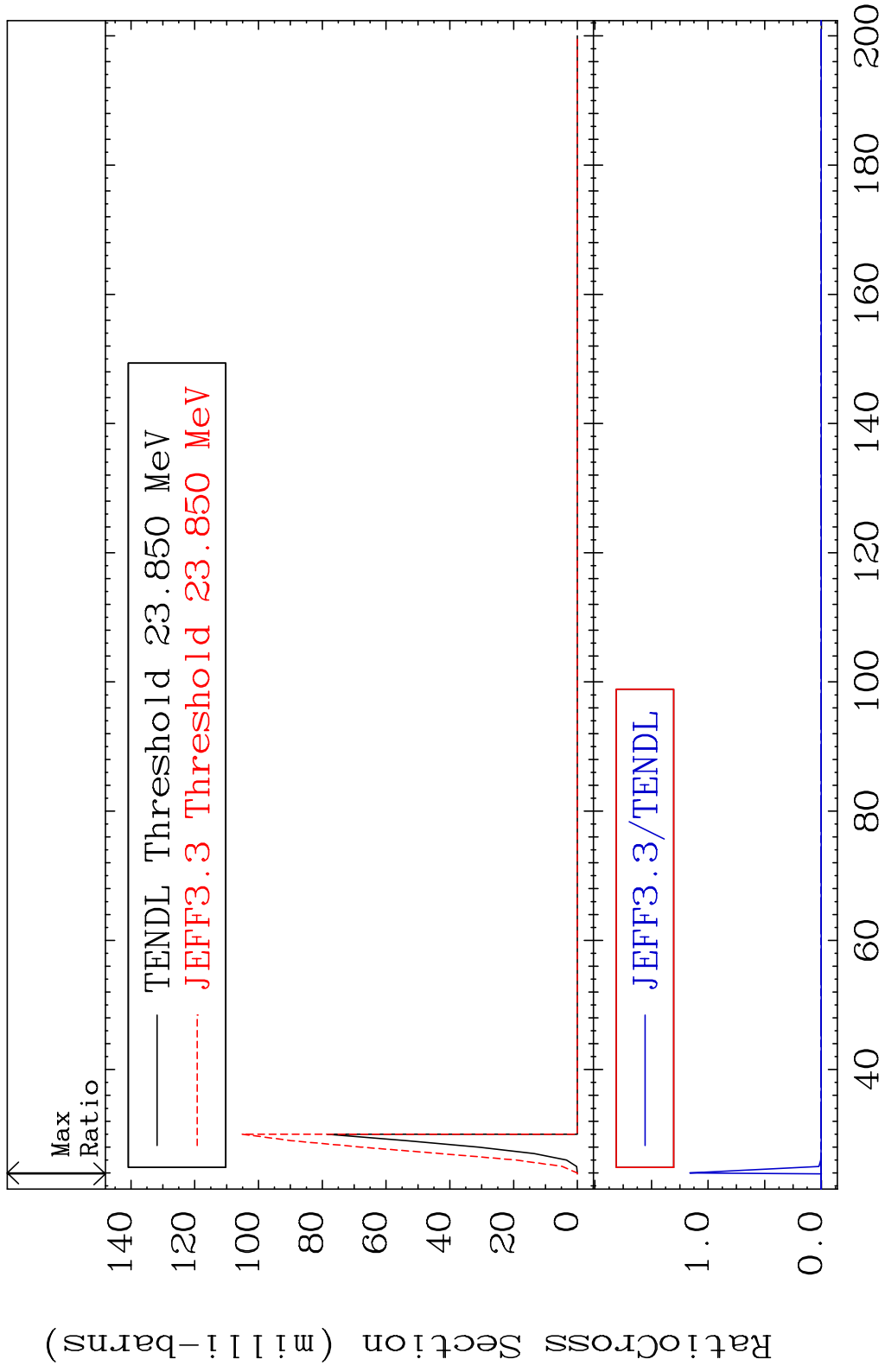


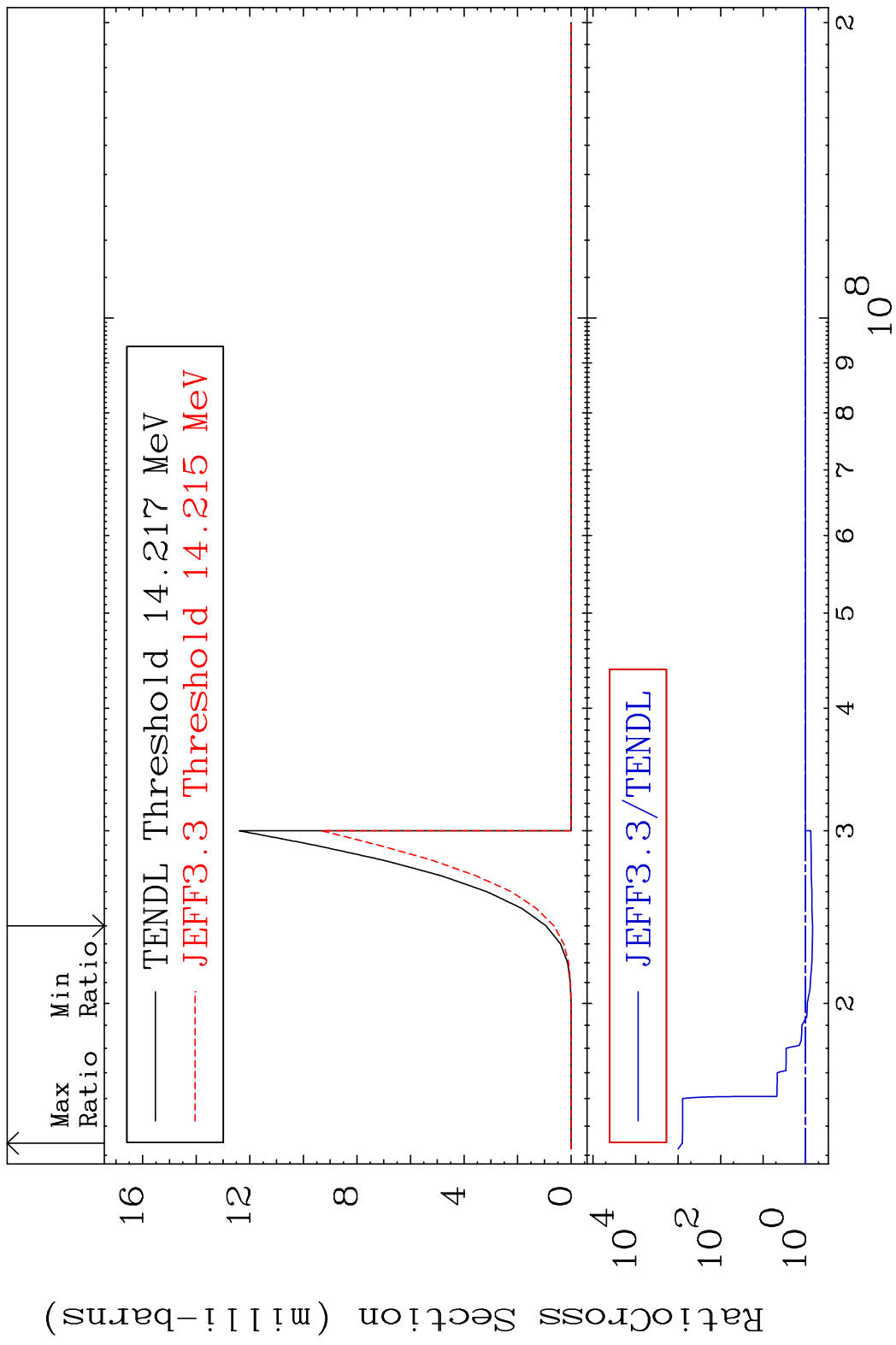
MAT 7631 (n, n') He-3:74-W -183m7 76-0s-186  
 Radionuclide Production Cross Section 265.9 %

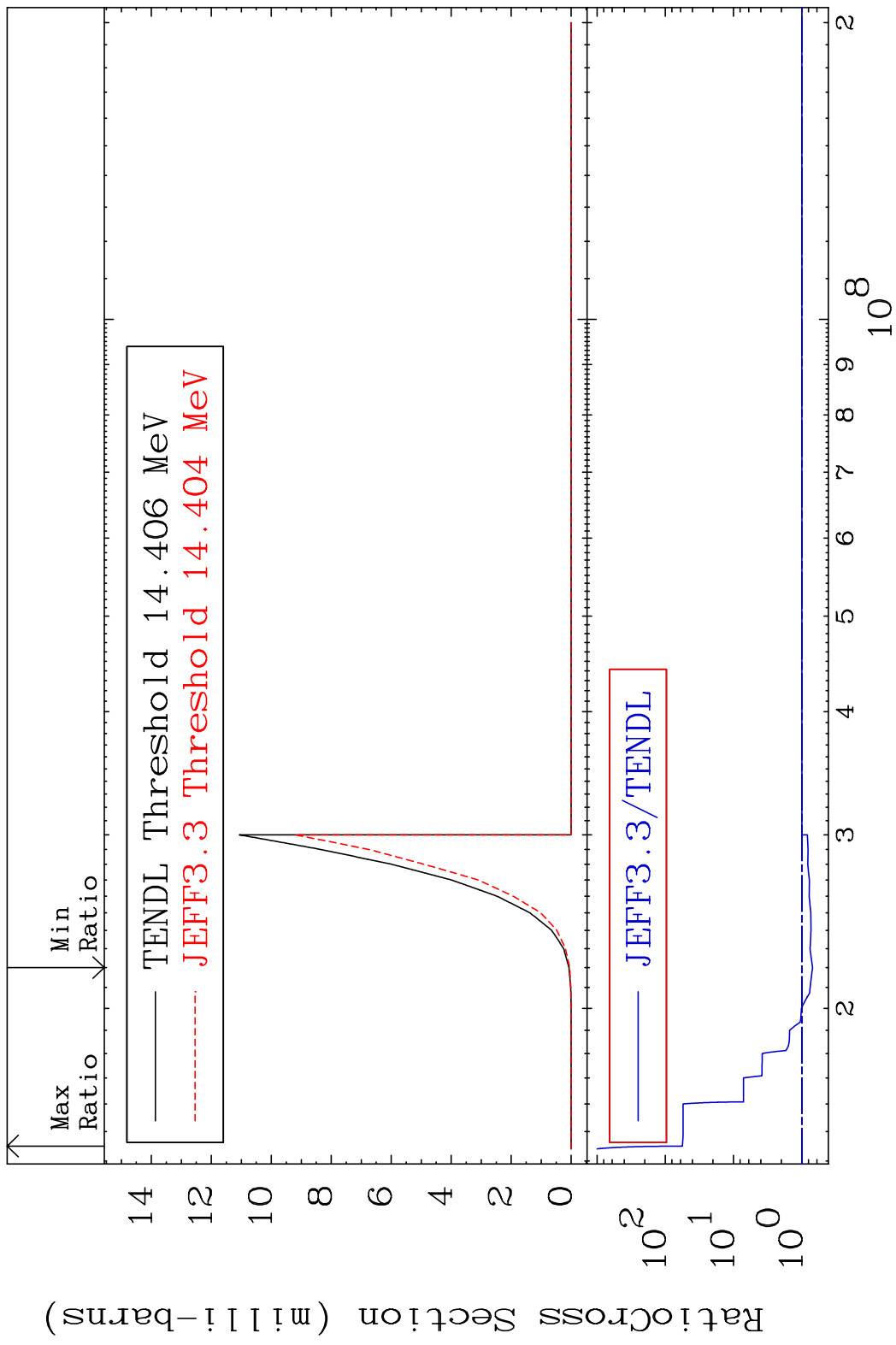


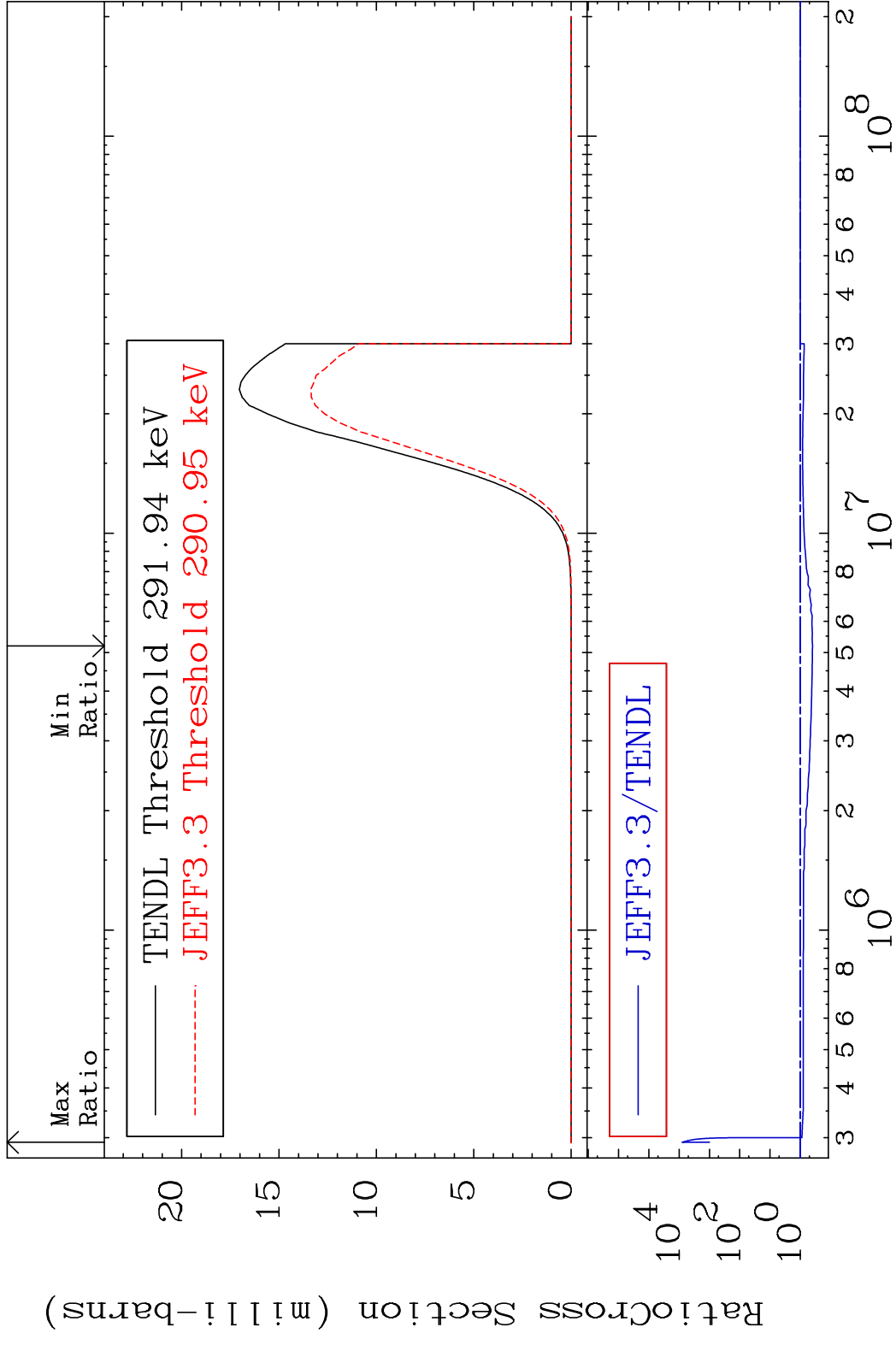
MAT 7631 (n,4n):76-0s-183g 76-0s-186  
 Radionuclide Production Cross Section Ratio 9999. %



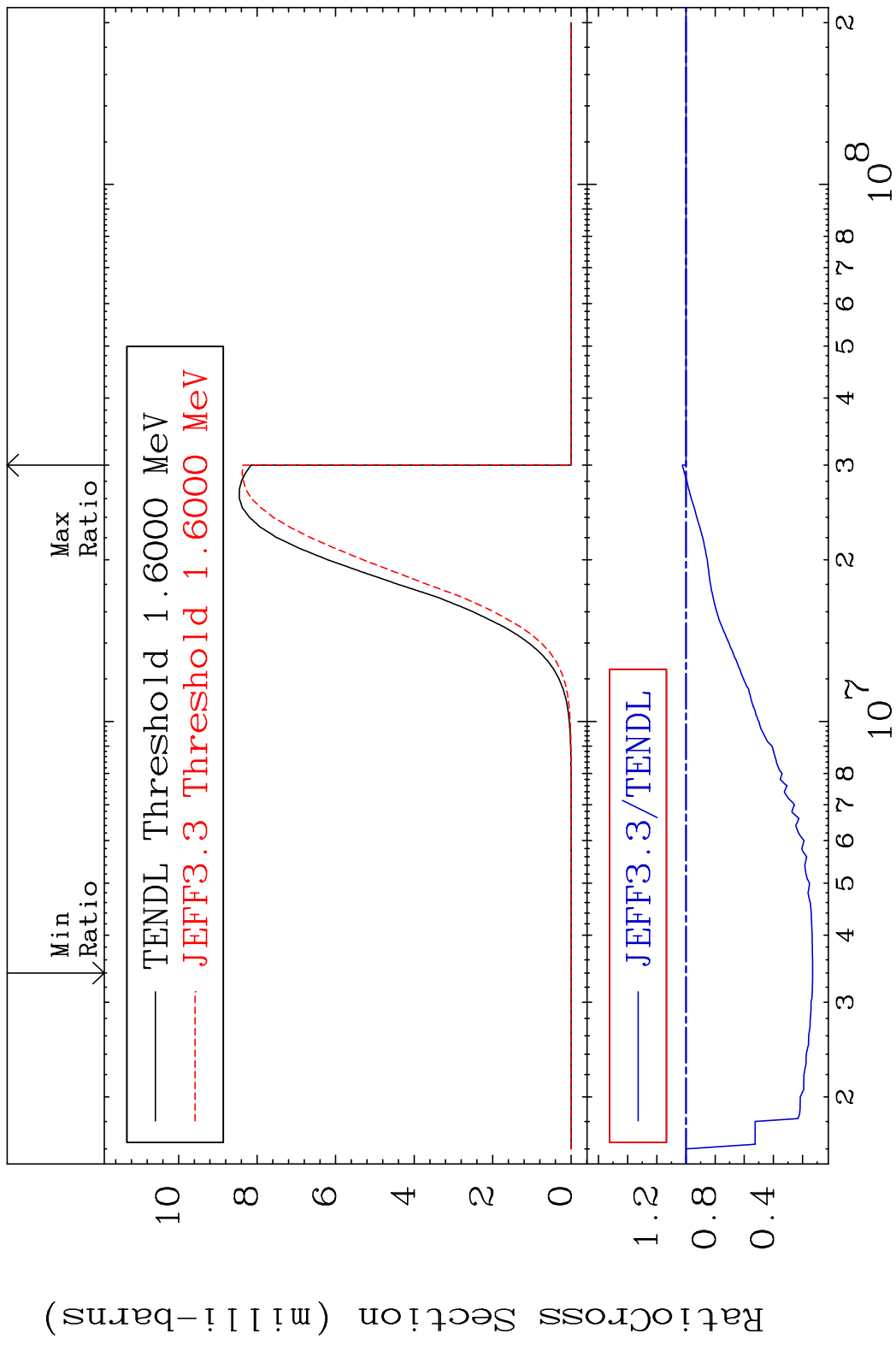


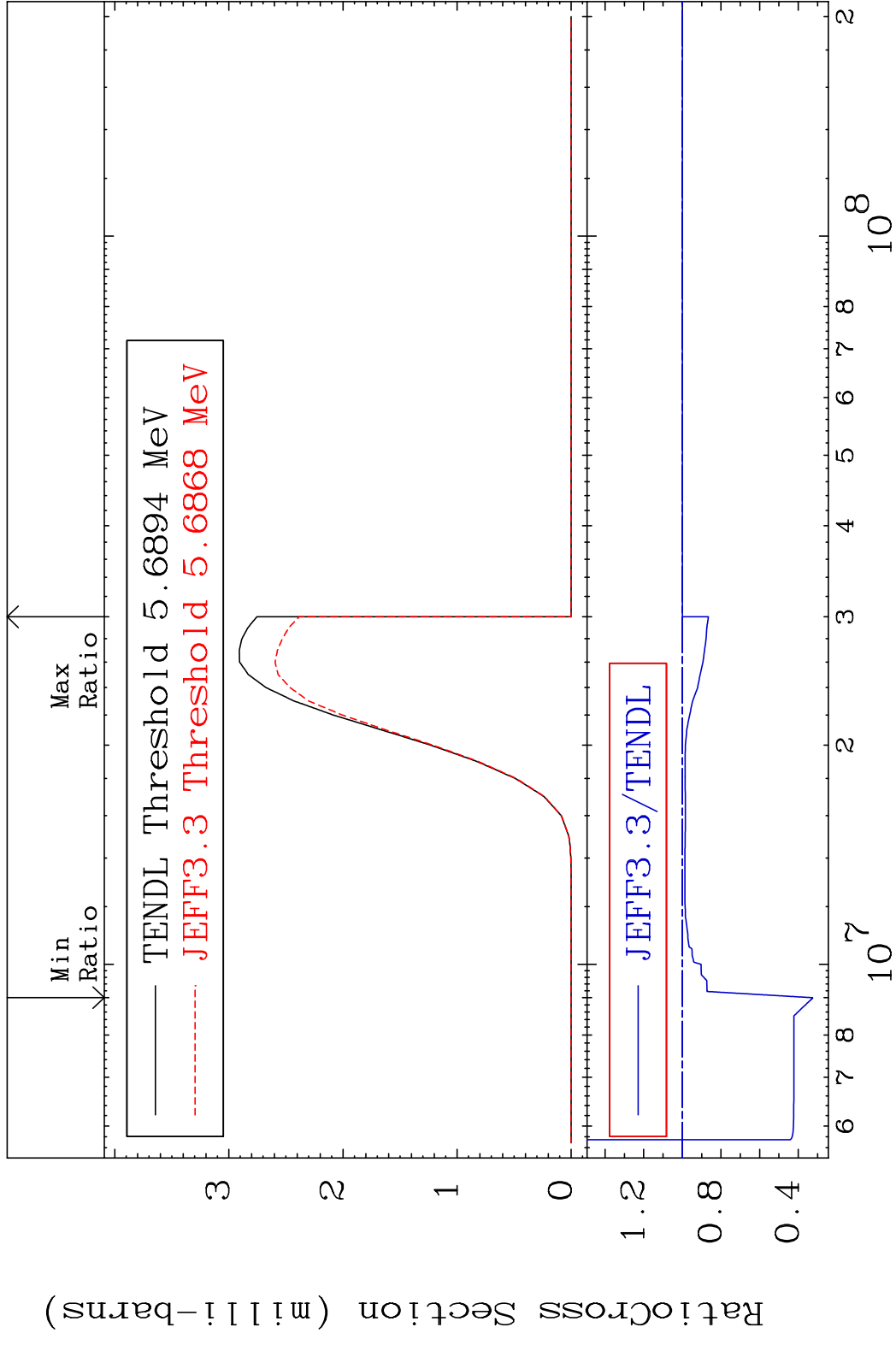




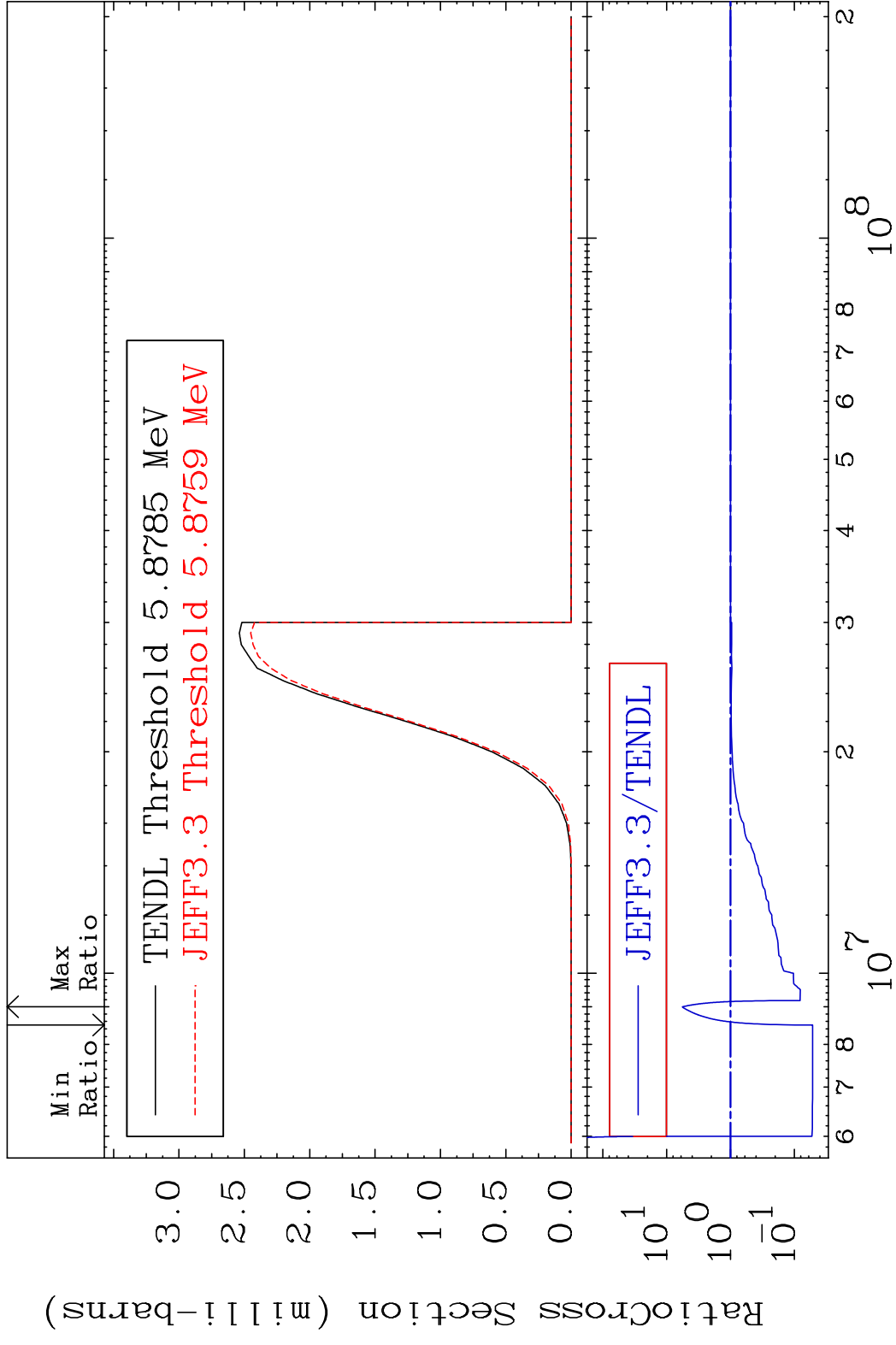


MAT 7631 (n, p): 75-Re-186m4 76-Os-186  
 Radionuclide Production Cross Section 86.611 d10 2.471 %

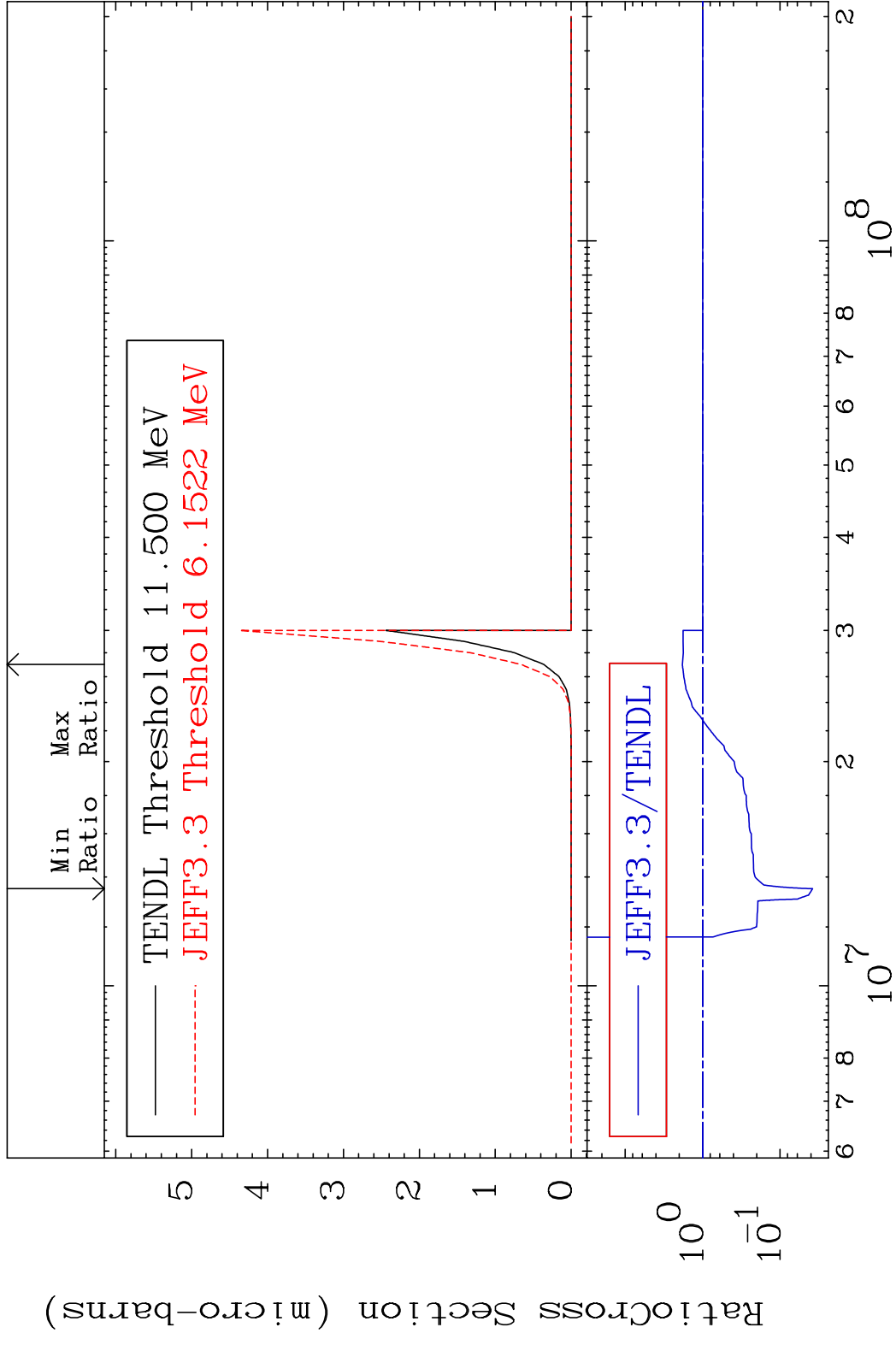


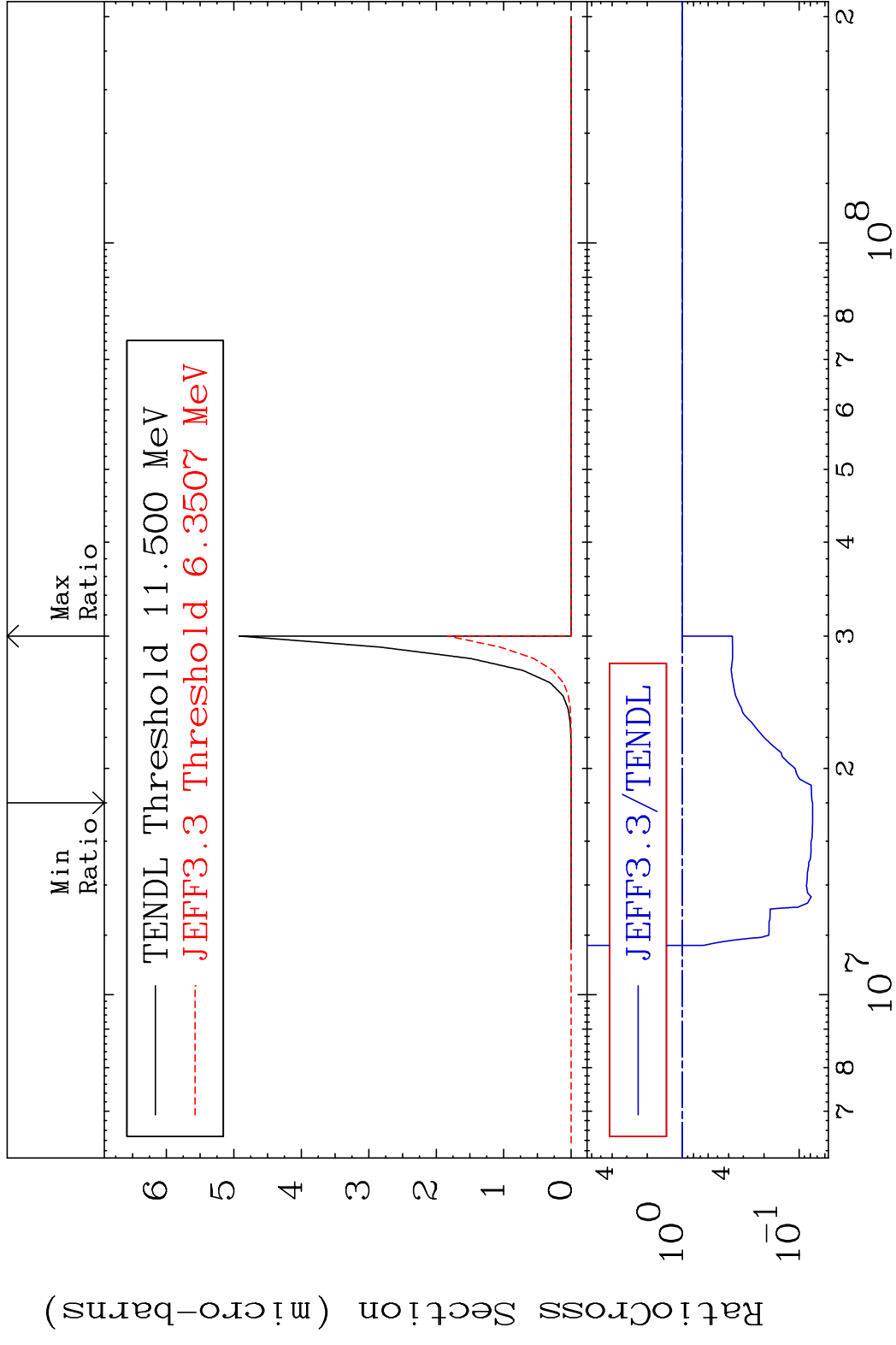


MAT 7631 (n, t): 75-Re-184m5 76-0s-186  
 Radionuclide Production Cross Section 469.5 %



MAT 7631 (n,2p):74-W -185g 76-0s-186  
 Radionuclide Production Cross Section Ratio 82.65 %





MAT 7631 (n,p) t:74-W -183g 76-0s-186  
 Radionuclide Production Cross Section 186-0s-186 0.000 %

