

Program Complot
(Version 2021-1)

by

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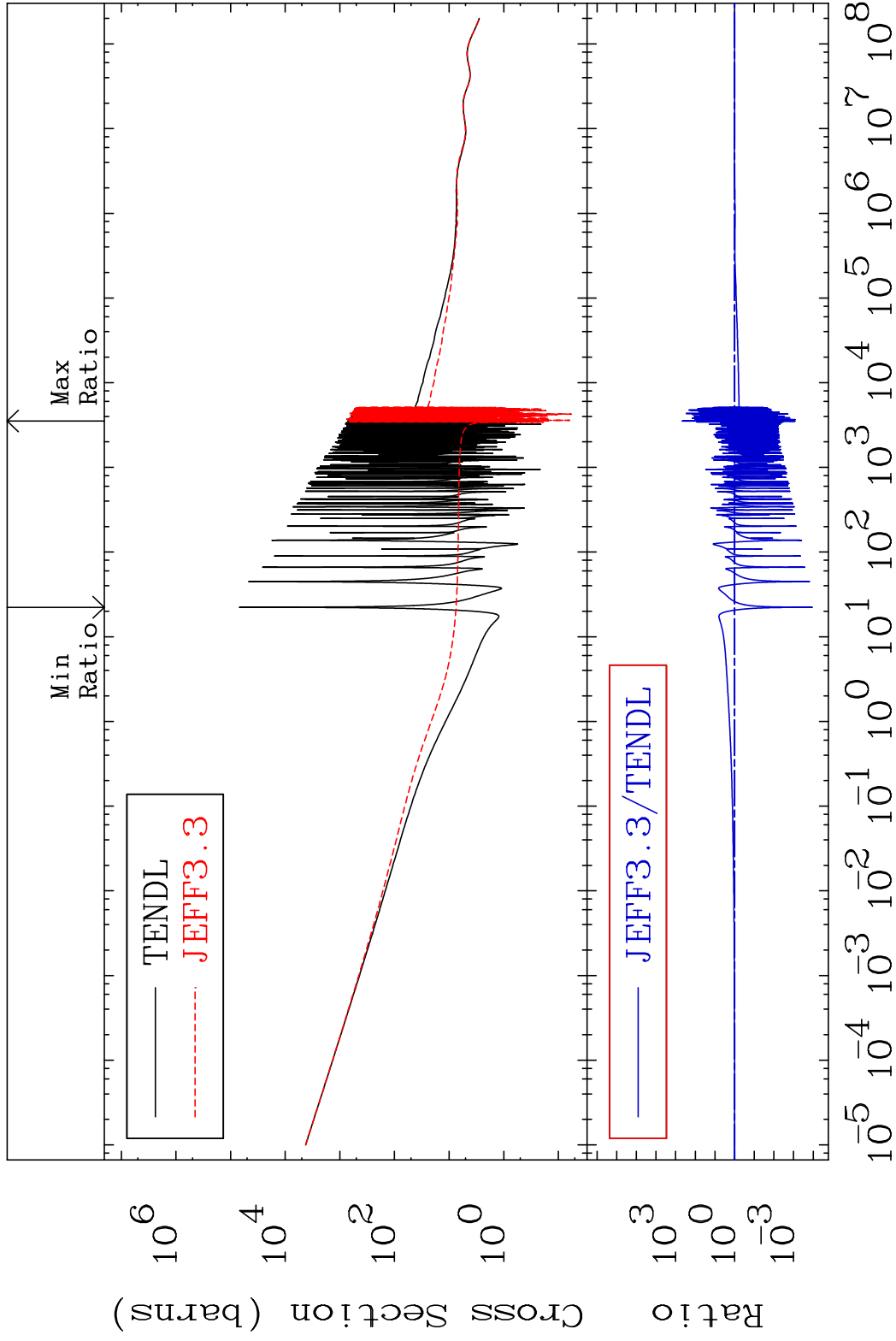
Press Mouse Button to Start

MAT 7631

Total

76-0s-186

Cross Section -99.99 To 9999. %



1

Incident Energy (eV)

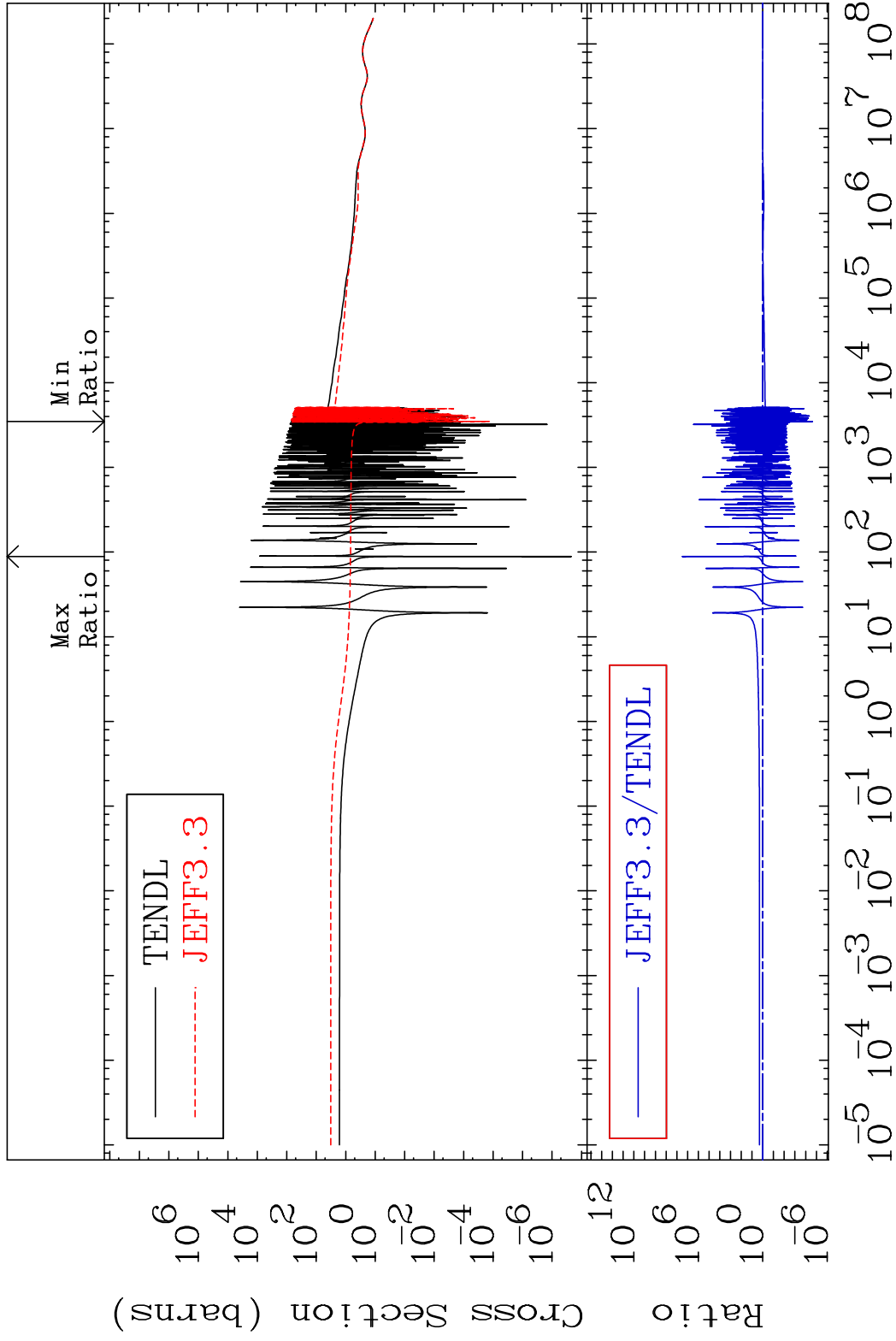
76-0s-186

MAT 7631

Elastic

76-Os-186

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

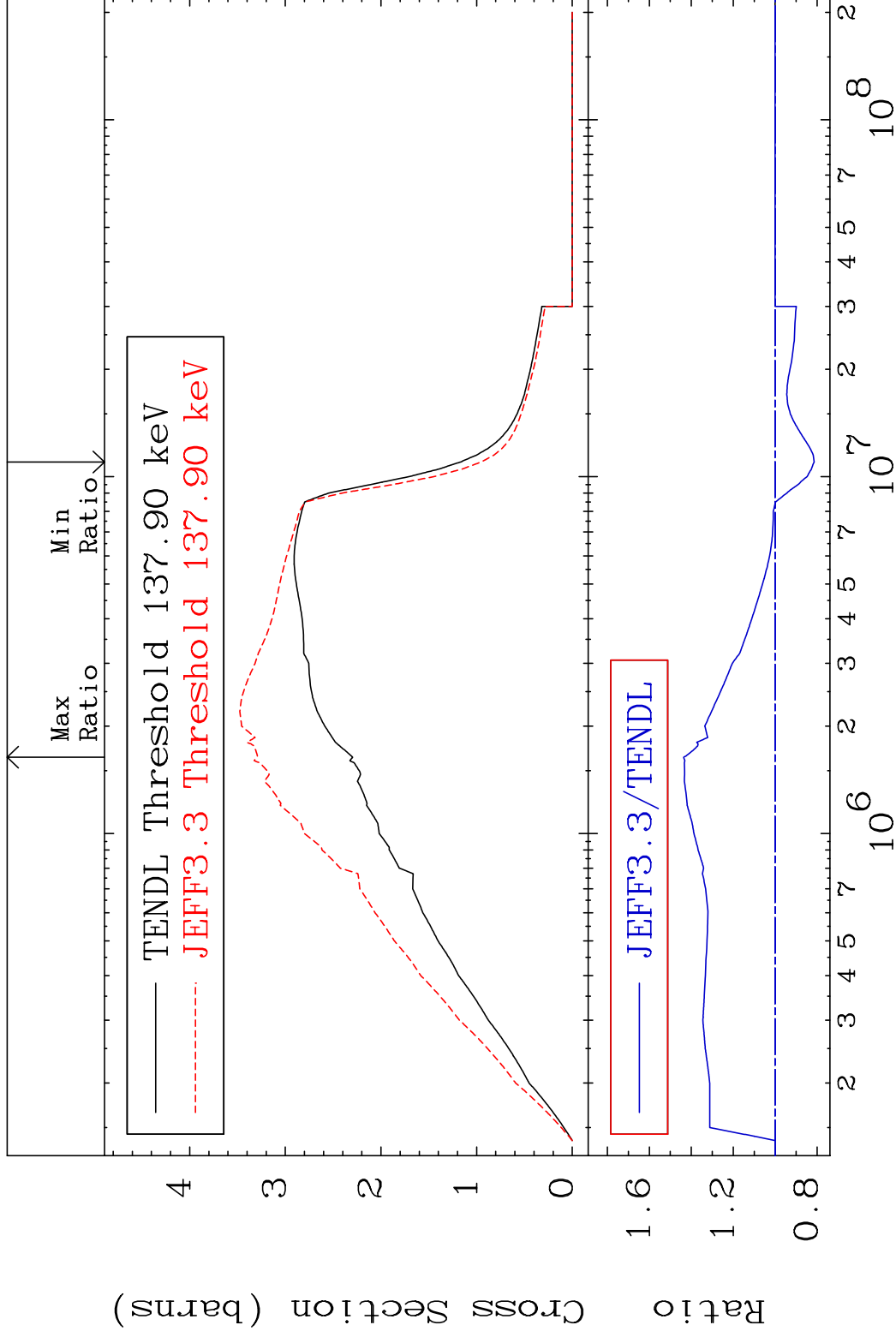
76-Os-186

MAT 7631

Inelastic

76-0s-186

Cross Section -18.57 To 43.63 %



3

Incident Energy (eV)

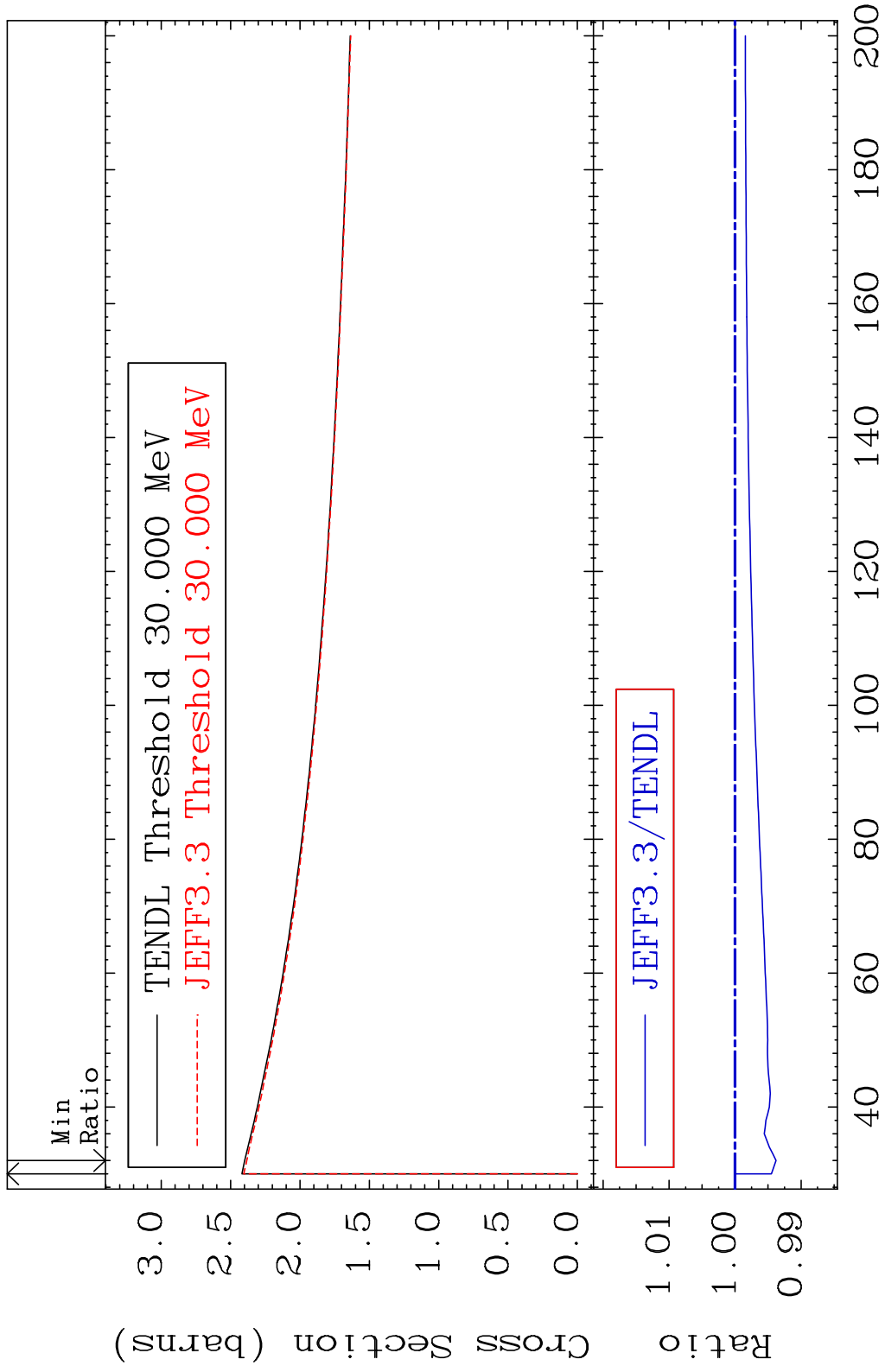
76-0s-186

MAT 7631

(n, remainder)

76-0s-186

Cross Section -0.622 To 0.000 %

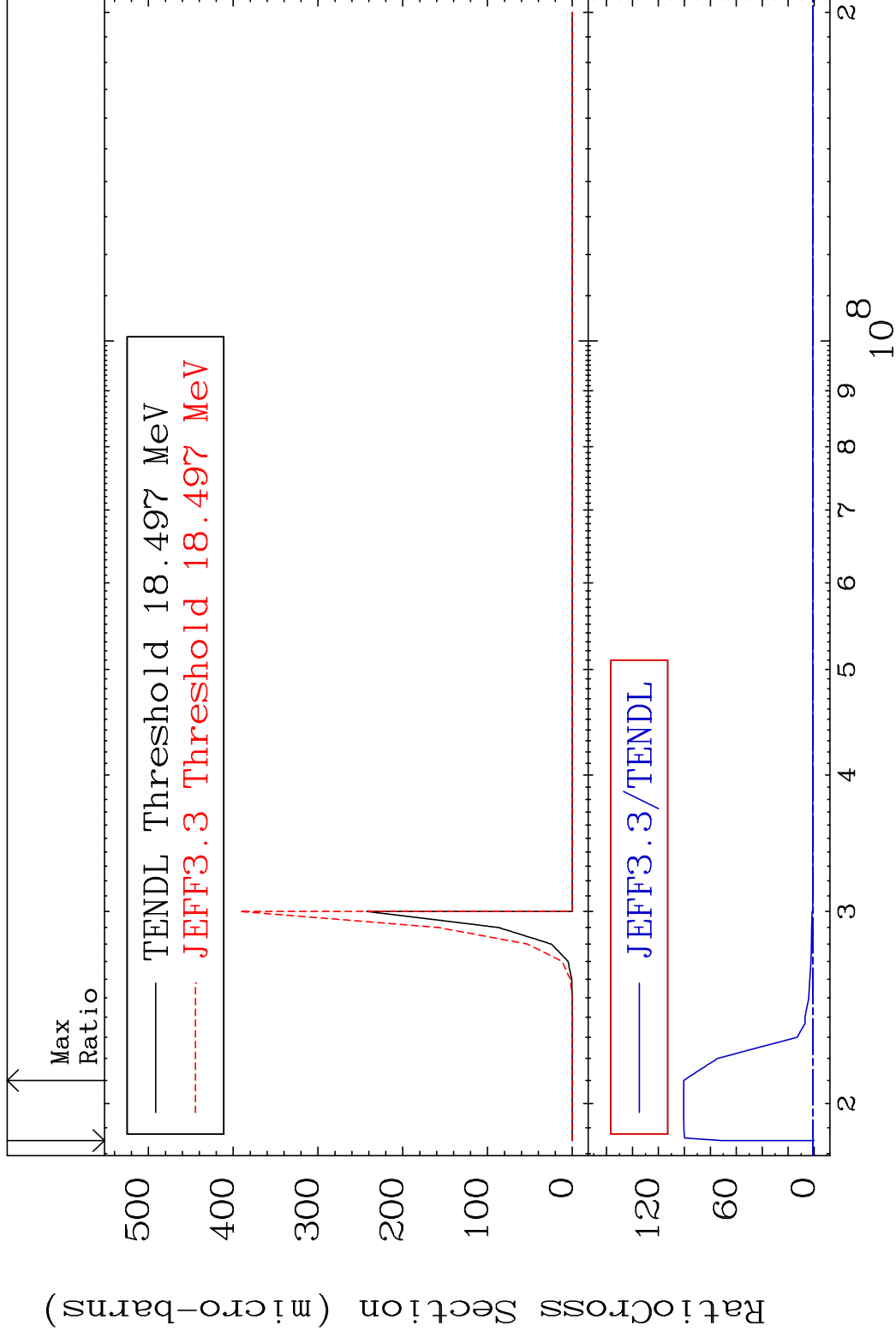


MAT 7631

(n,2n) d

76-0s-186

Cross Section -100.0 To 9956. %



5

Incident Energy (eV)

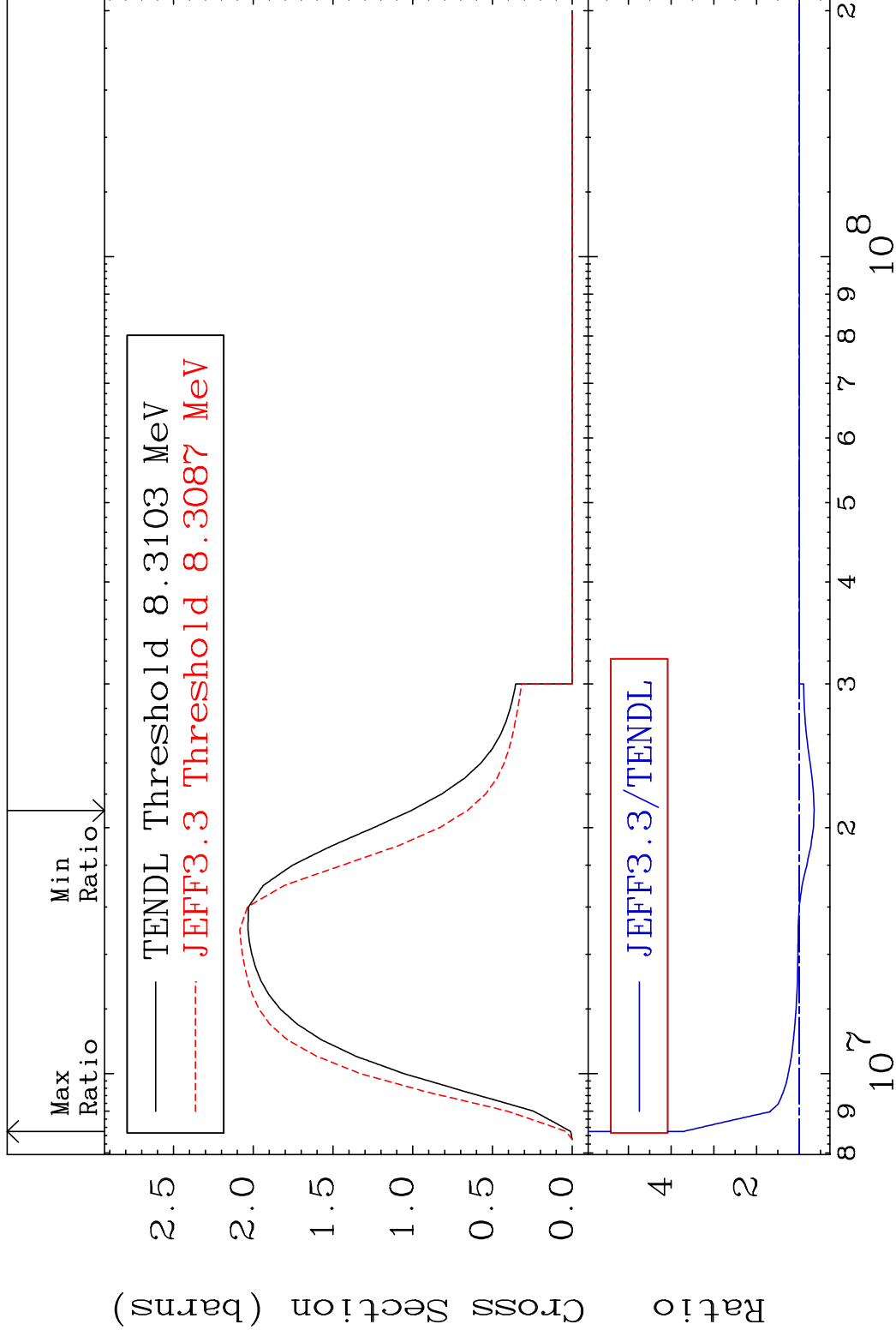
76-0s-186

MAT 7631

(n,2n)

76-0s-186

Cross Section -34.90 To 270.5 %



6

Incident Energy (eV)

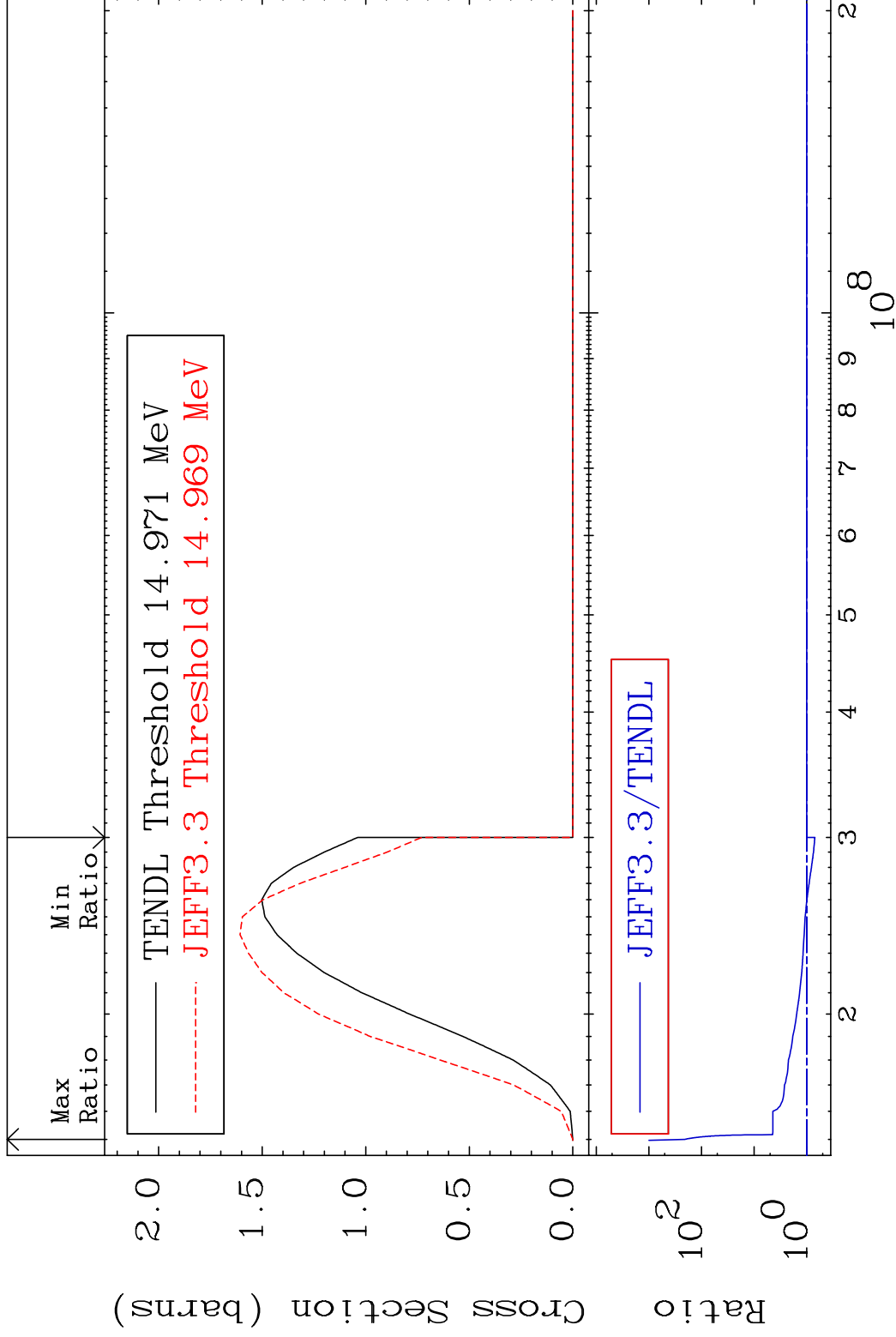
76-0s-186

MAT 7631

(n,3n)

76-0s-186

Cross Section -29.76 To 9999. %



7

Incident Energy (eV)

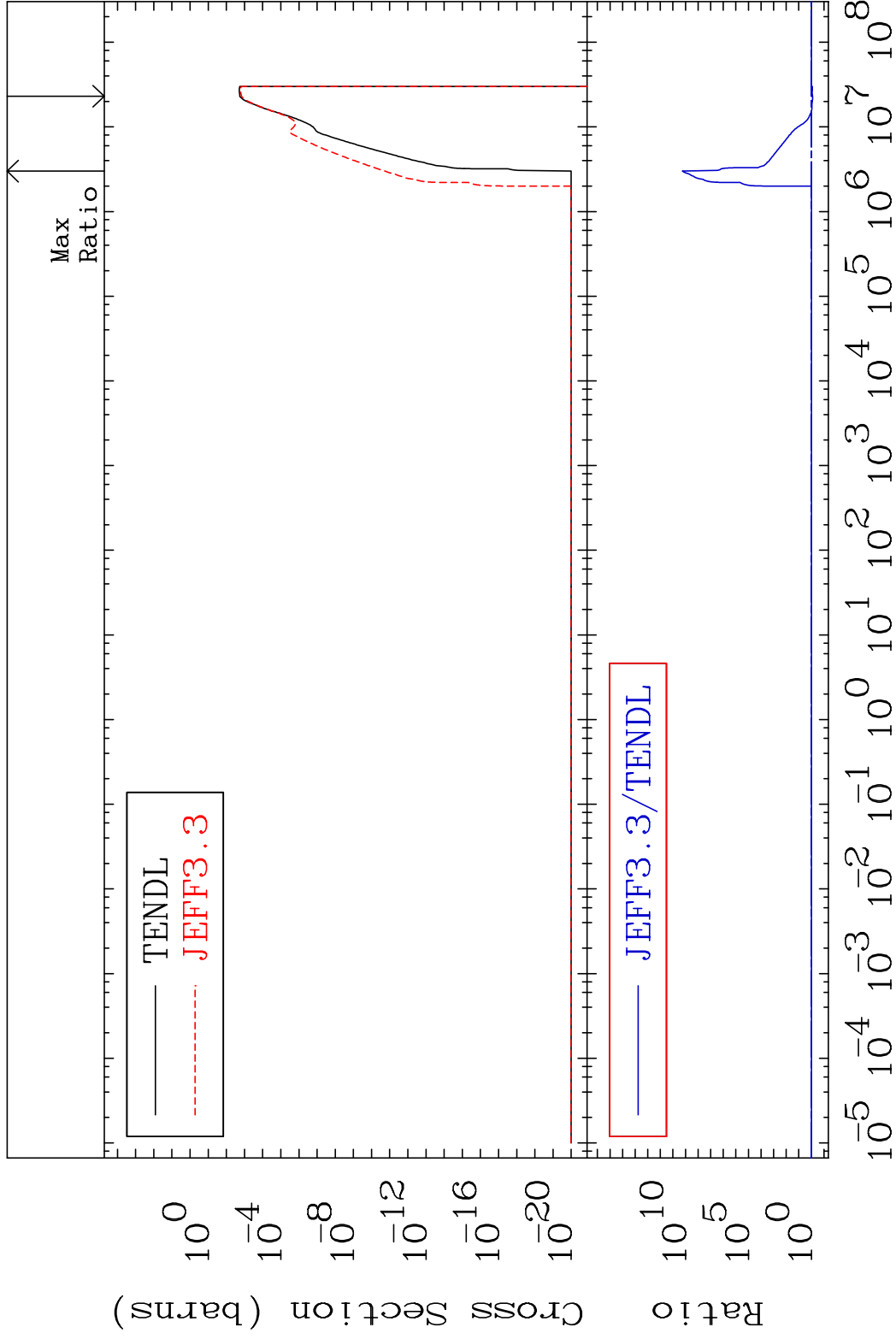
76-0s-186

MAT 7631

(n, n') α

76-Os-186

Cross Section -19.61 To 9999. %

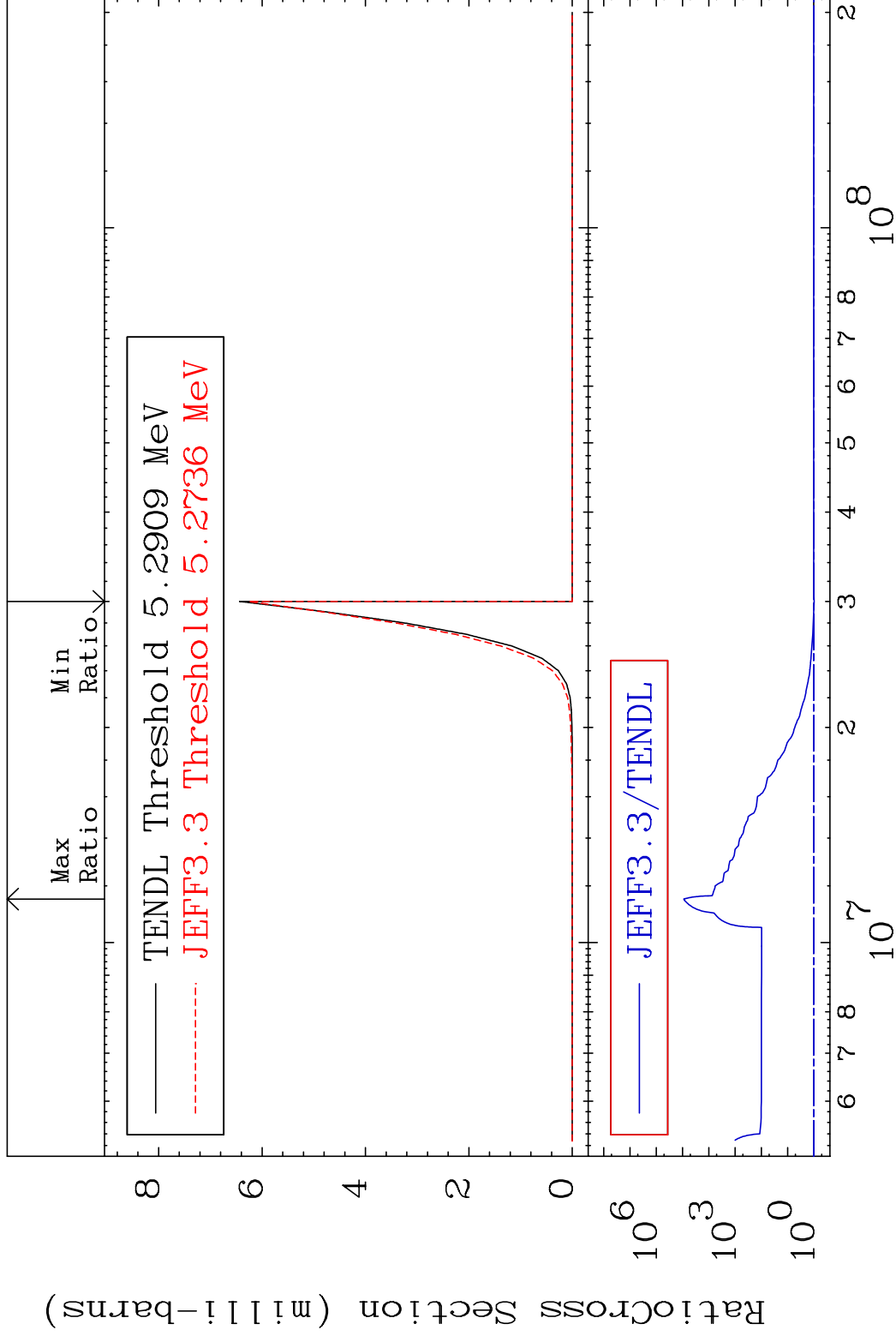


MAT 7631

(n,2n) α

76-0s-186

Cross Section -2.564 To 9999. %



9

Incident Energy (eV)

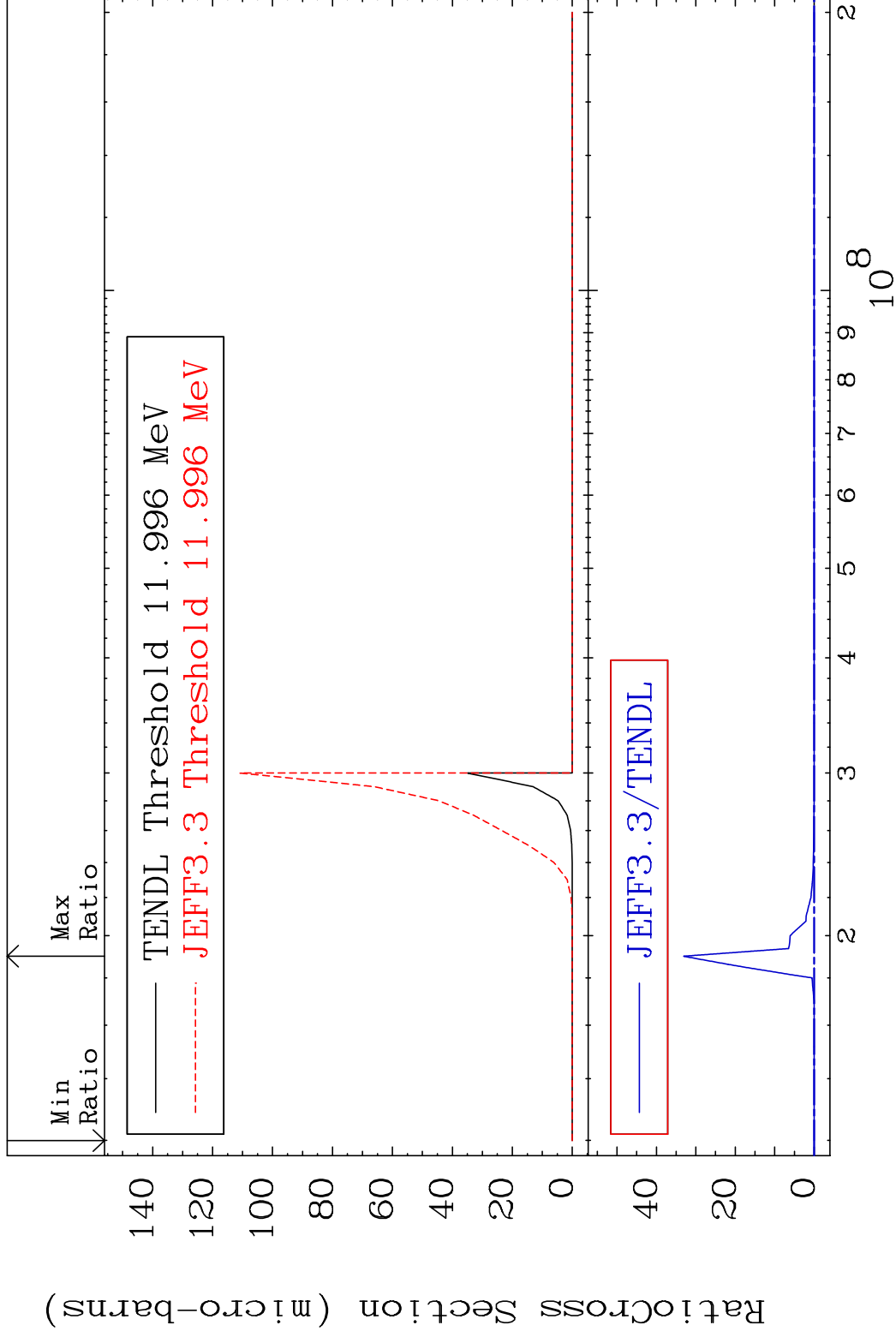
76-0s-186

MAT 7631

(n,3n) α

76-0s-186

Cross Section -100.0 To 9999. %



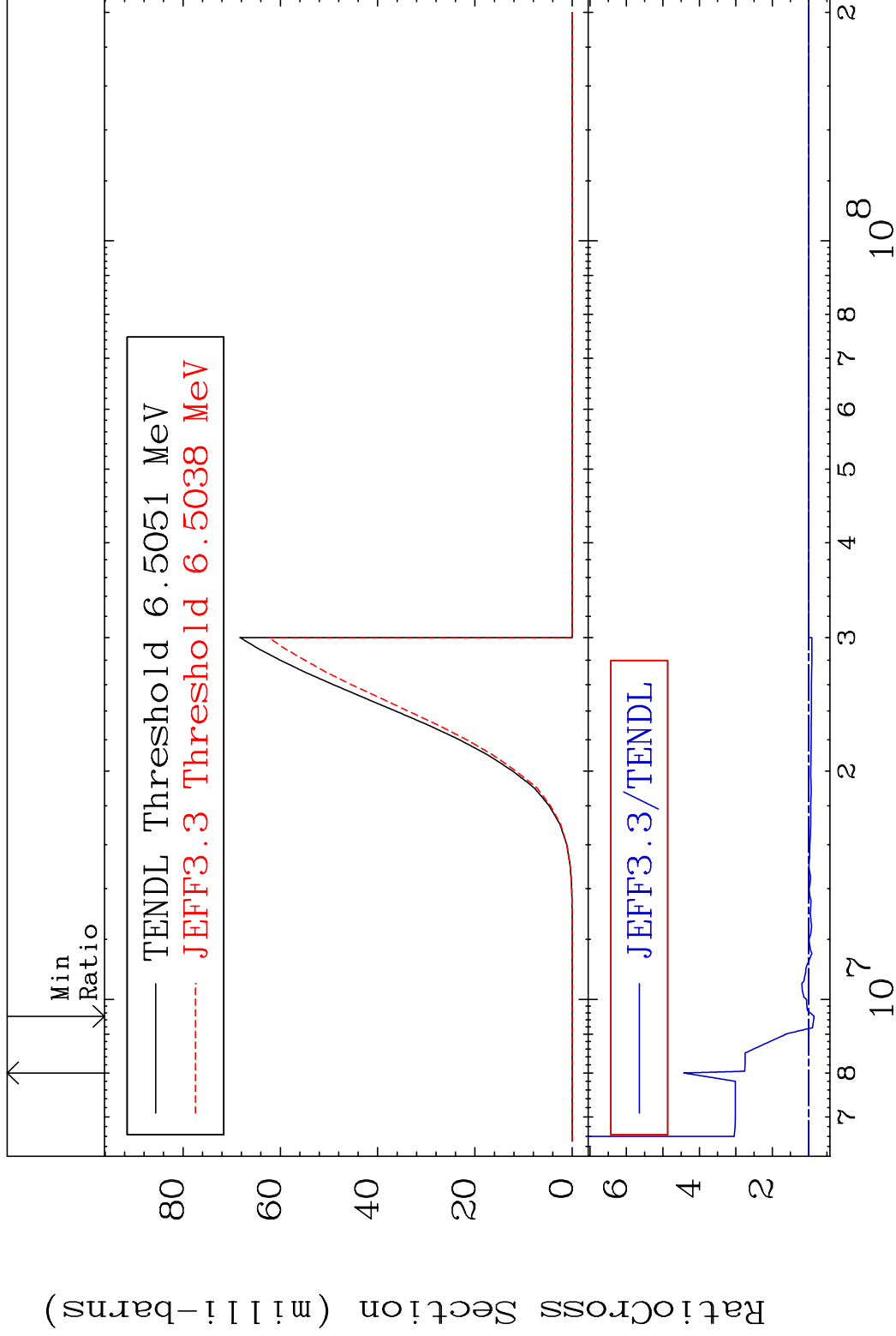
10

Incident Energy (eV)

76-0s-186

MAT 7631

(n, n') p 76-0s-186
Cross Section -14.73 To 343.1 %

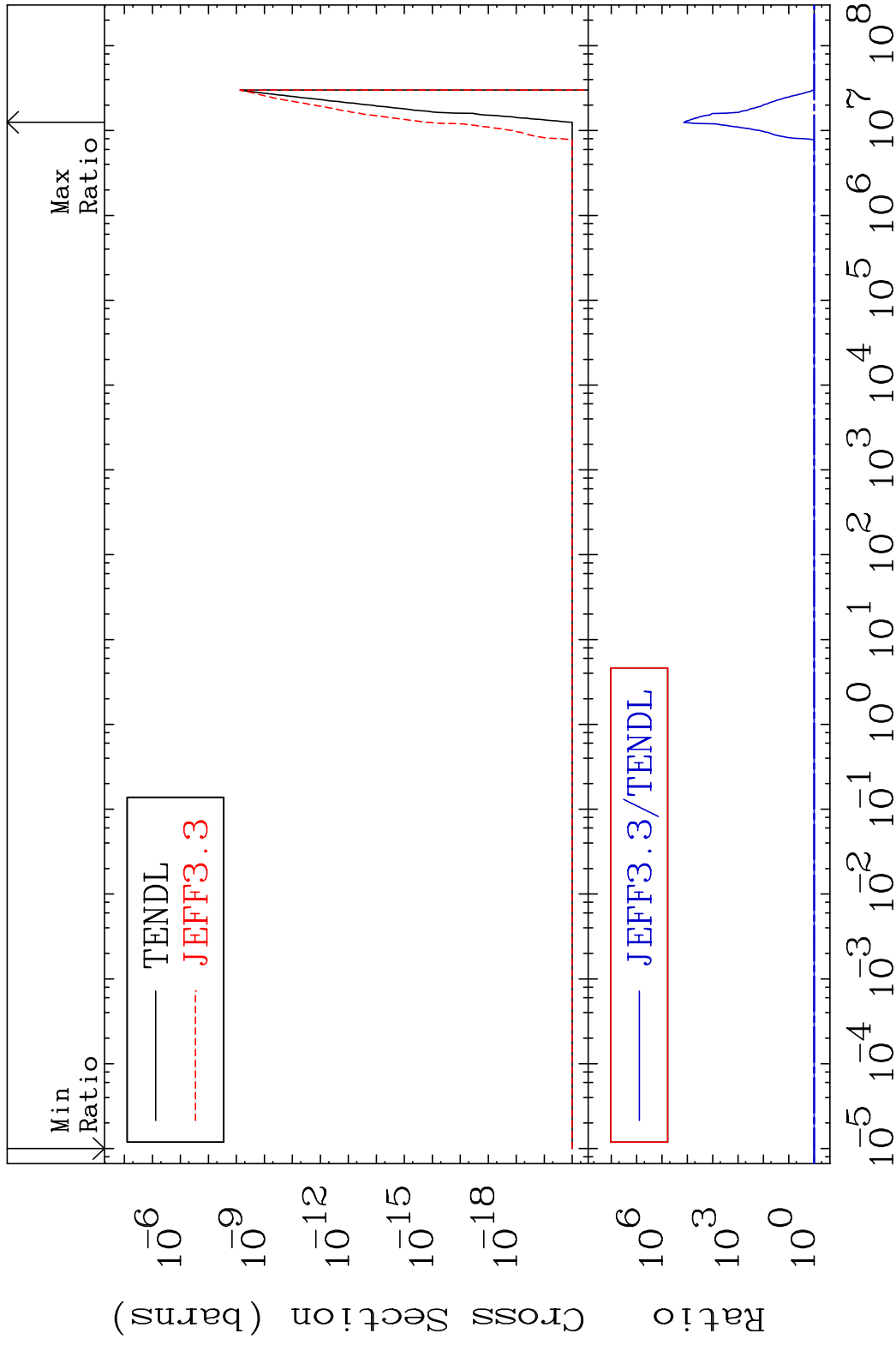


MAT 7631

(n, n') 2α

76-Os-186

Cross Section 0.000 To 9999. %



12

Incident Energy (eV)

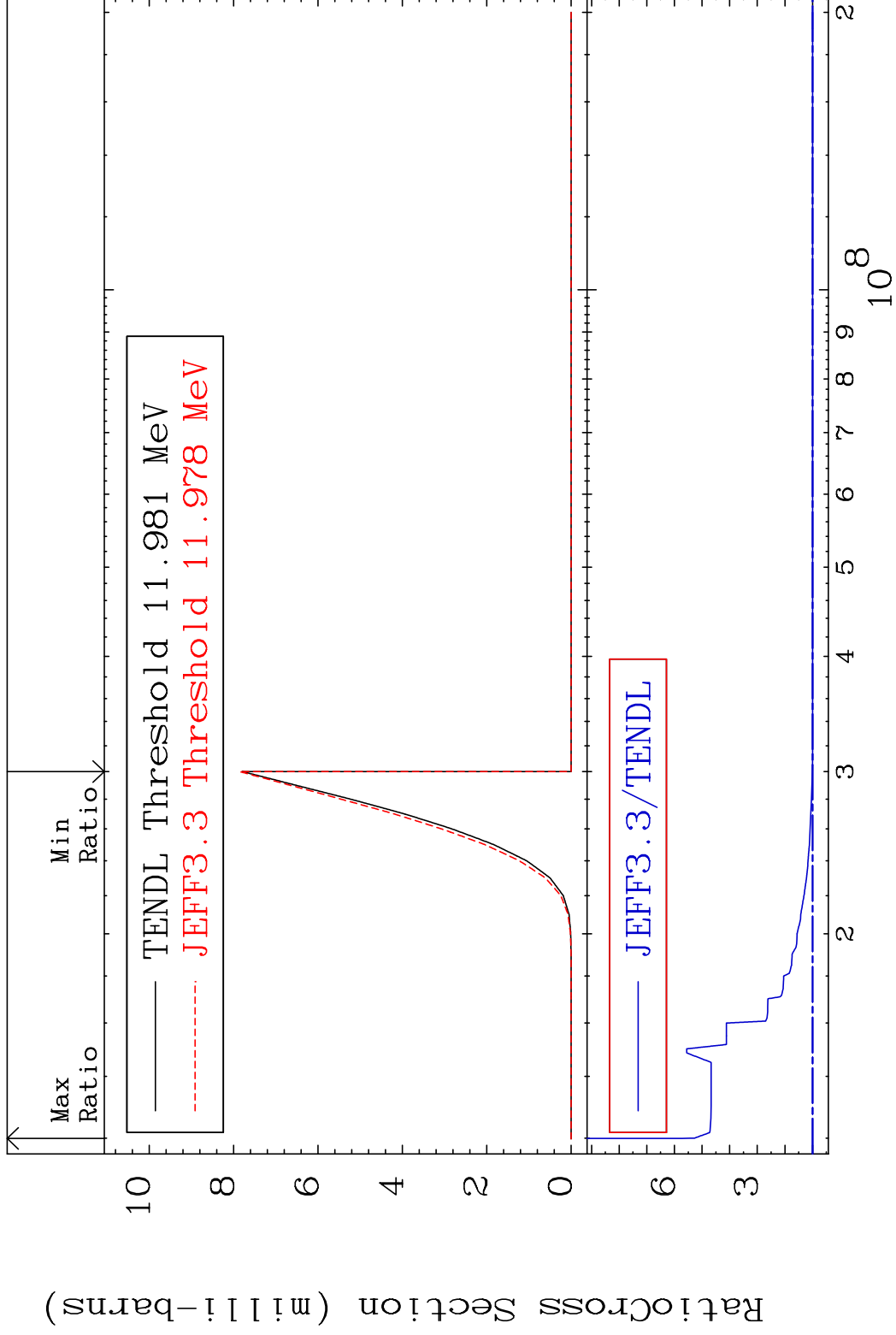
76-Os-186

MAT 7631

(n, n') d

76-Os-186

Cross Section 0.000 To 471.2 %

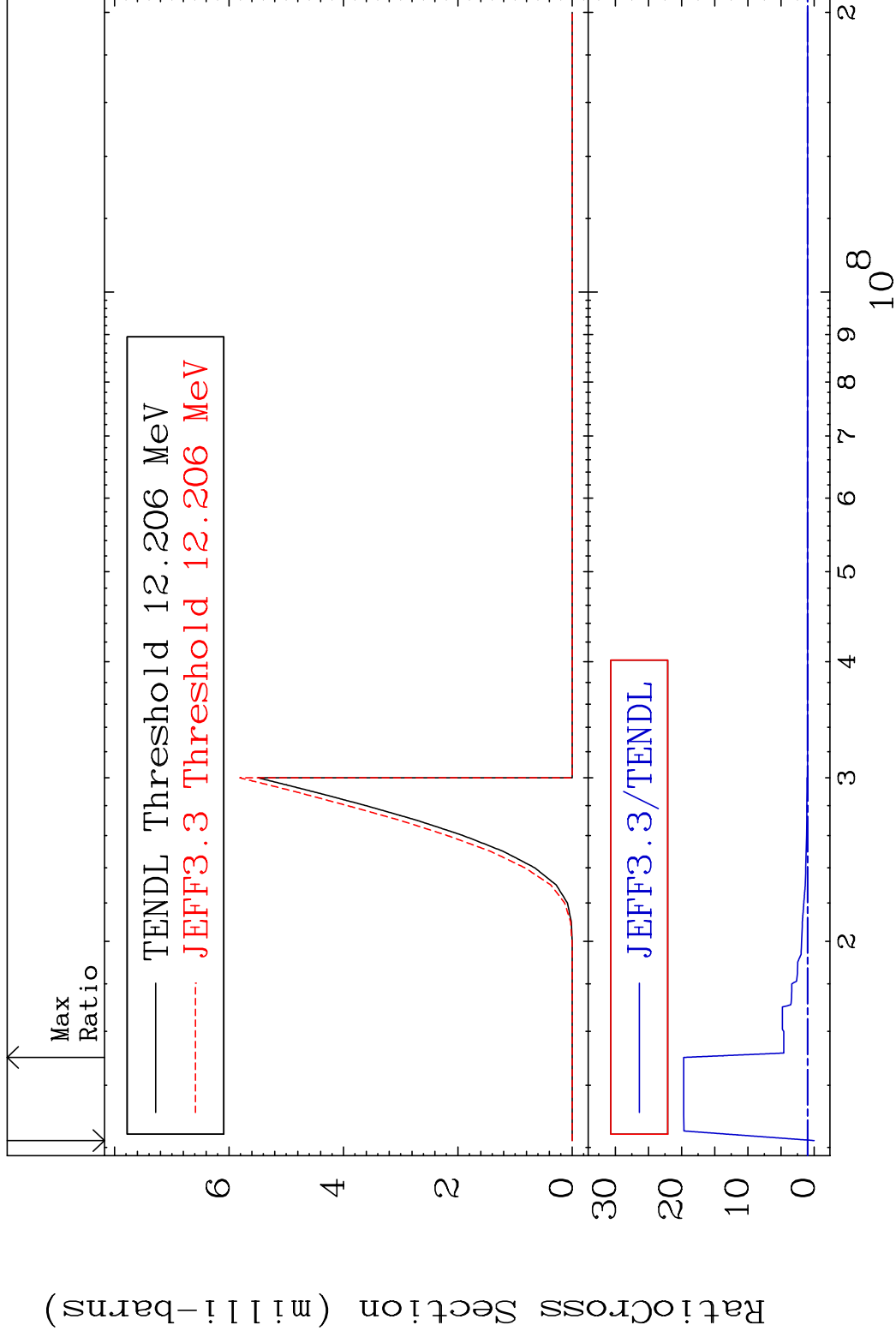


MAT 7631

(n, n') t

76-0s-186

Cross Section -100.0 To 1869. %



14

Incident Energy (eV)

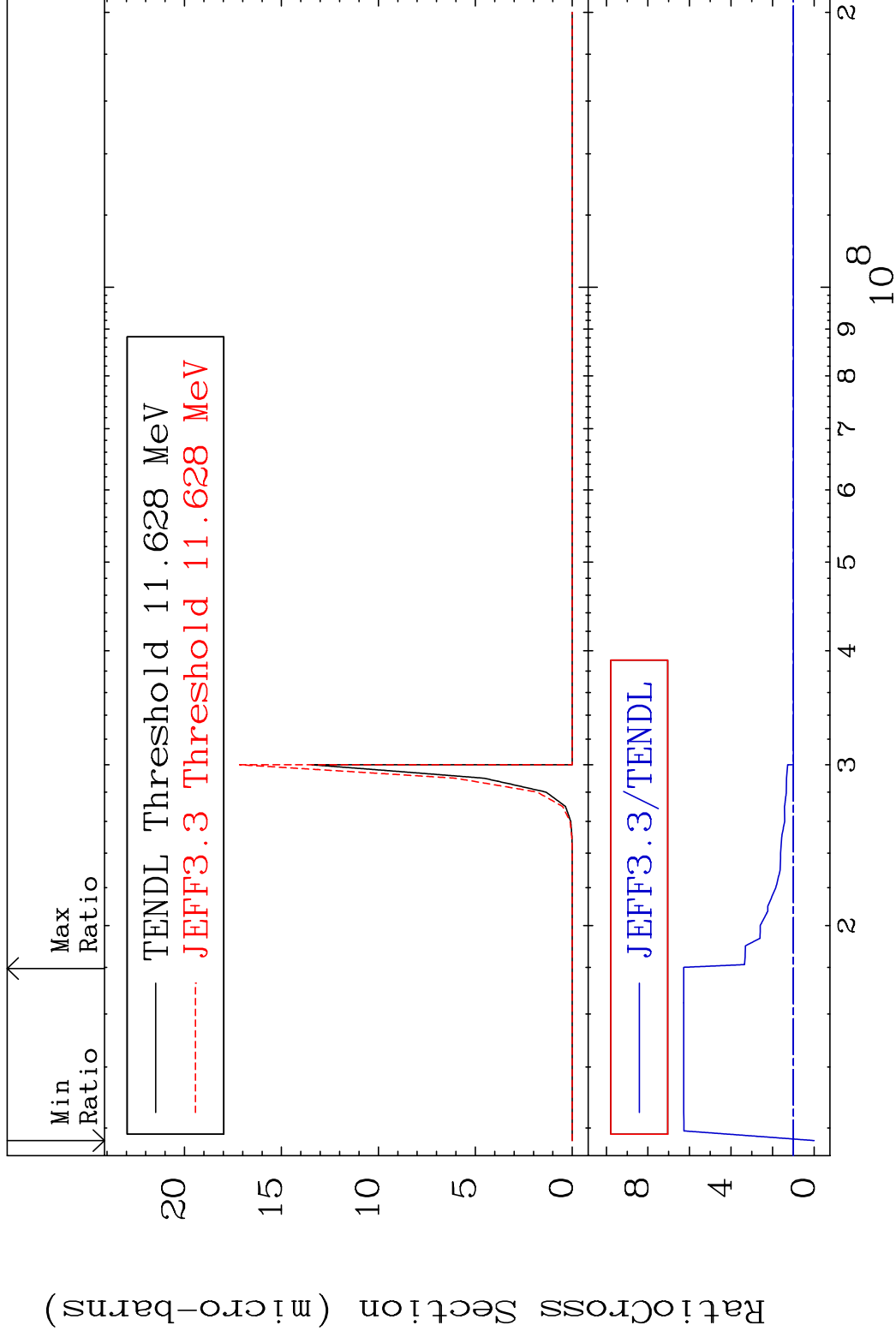
76-0s-186

MAT 7631

(n,n') He-3

76-0s-186

Cross Section -100.0 To 528.0 %



15

Incident Energy (eV)

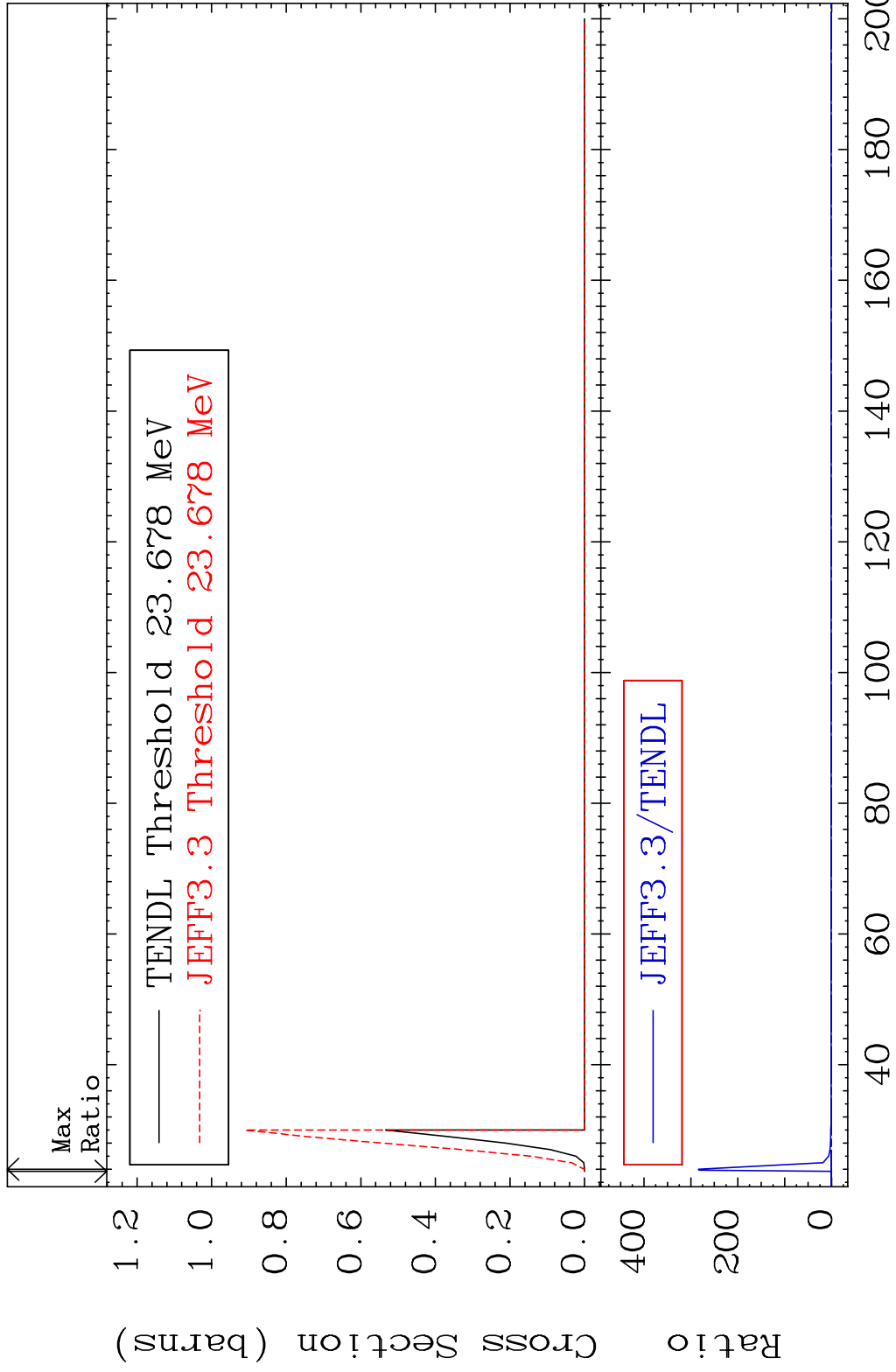
76-0s-186

MAT 7631

(n,4n)

76-0s-186

Cross Section -100.0 To 9999. %

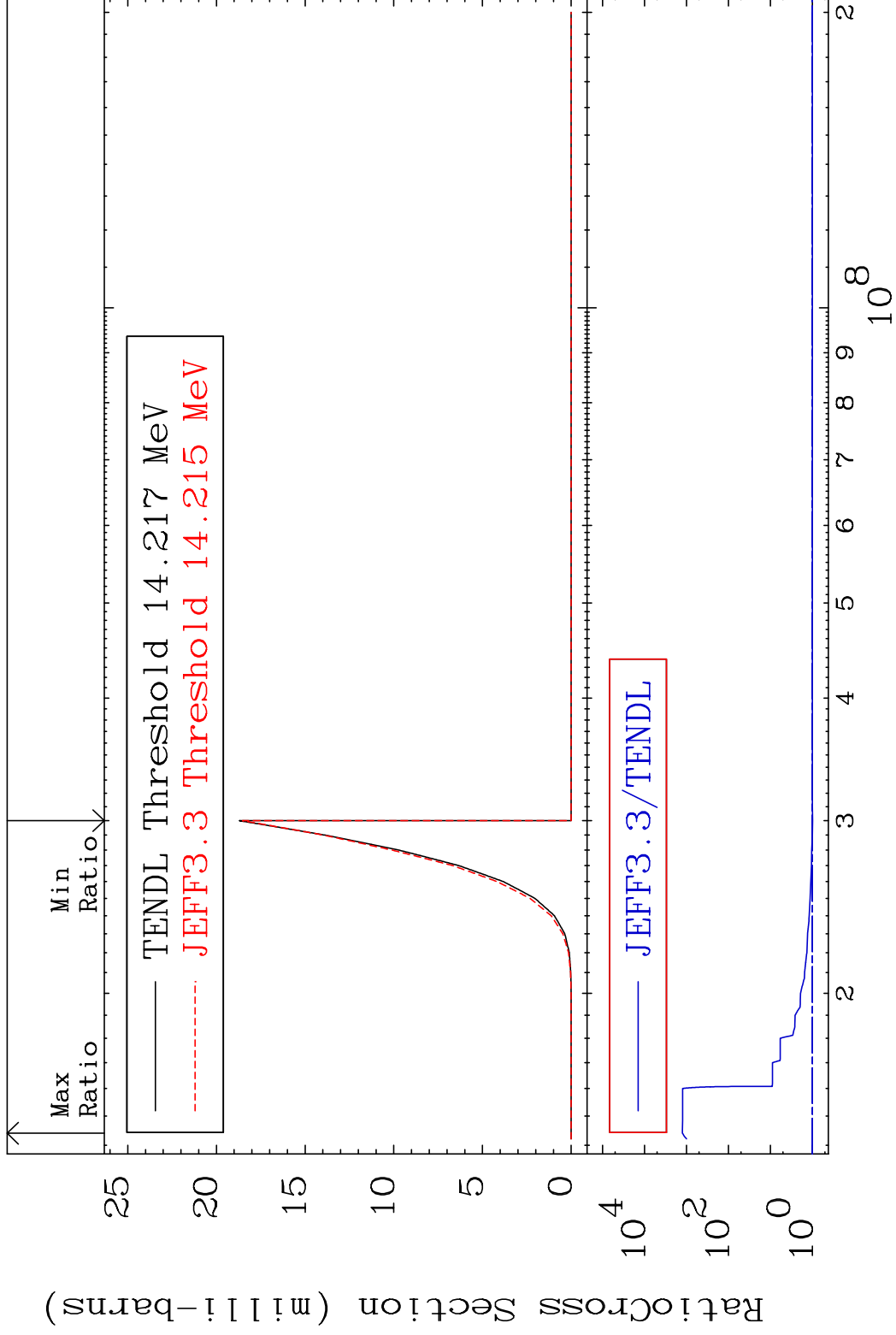


MAT 7631

(n,2n) p

76-0s-186

Cross Section -0.980 To 9999. %

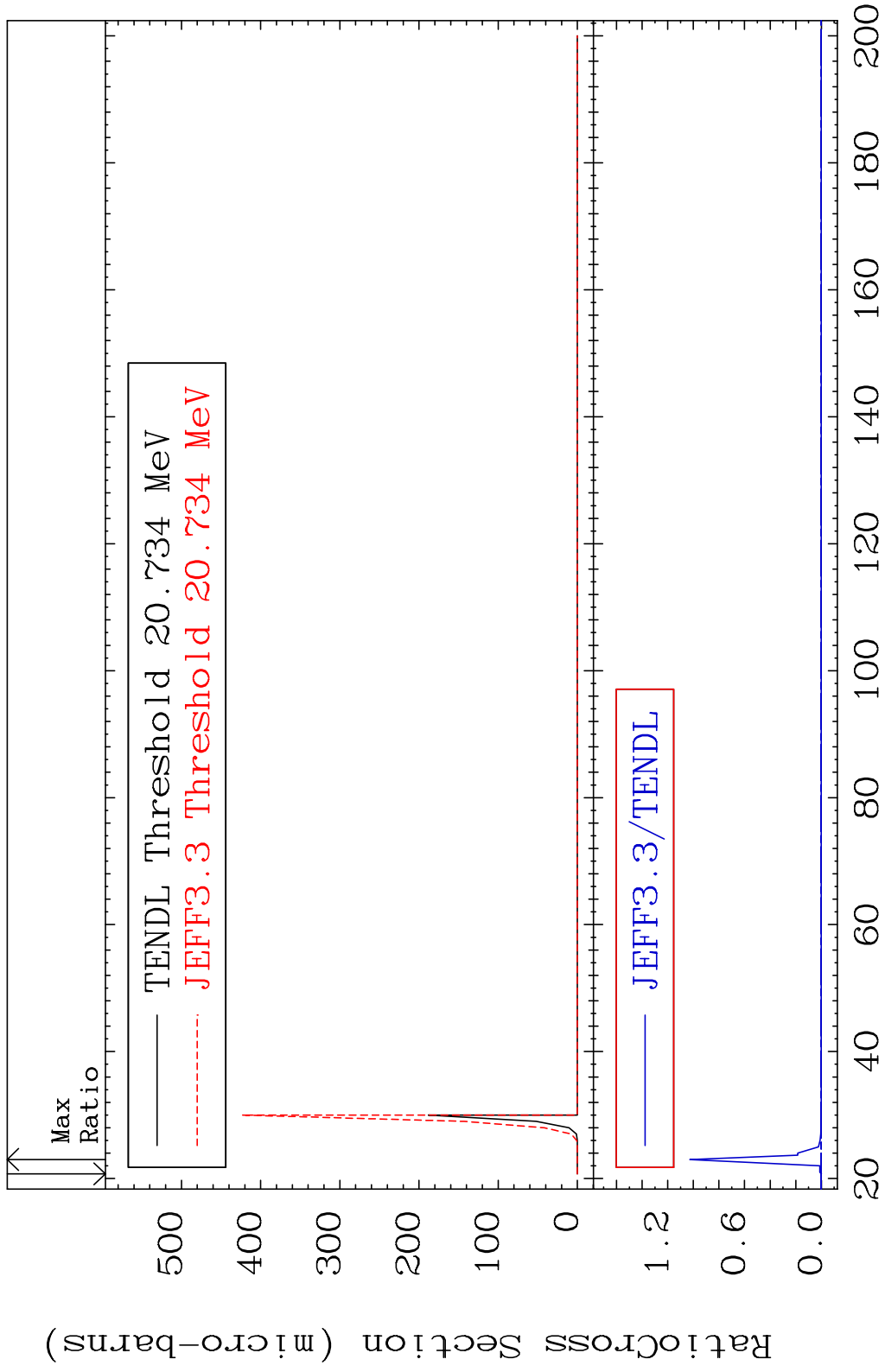


MAT 7631

(n,3n) p

76-0s-186

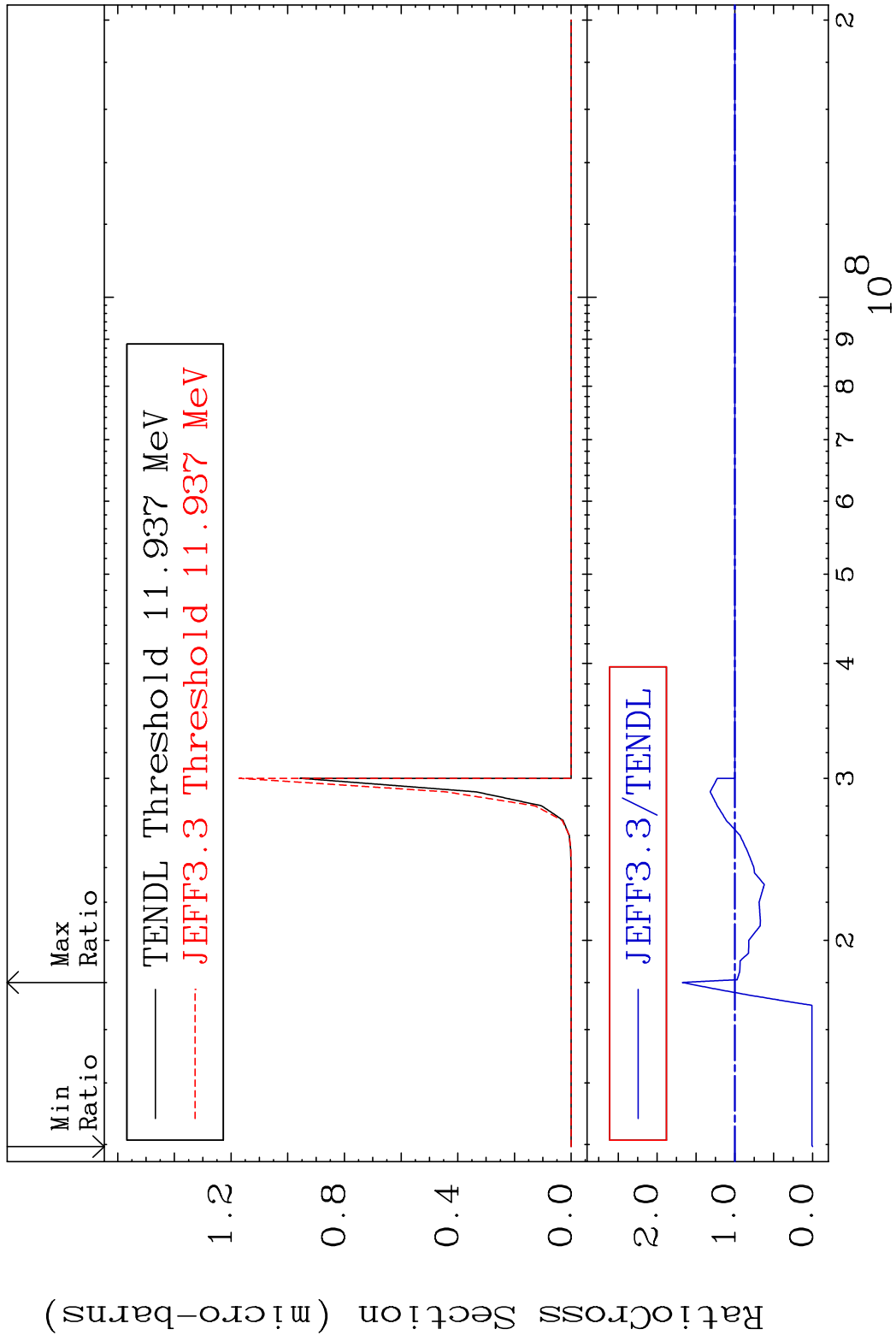
Cross Section -100.0 To 9999. %



MAT 7631

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

Cross Section -100.0 To 67.50 %

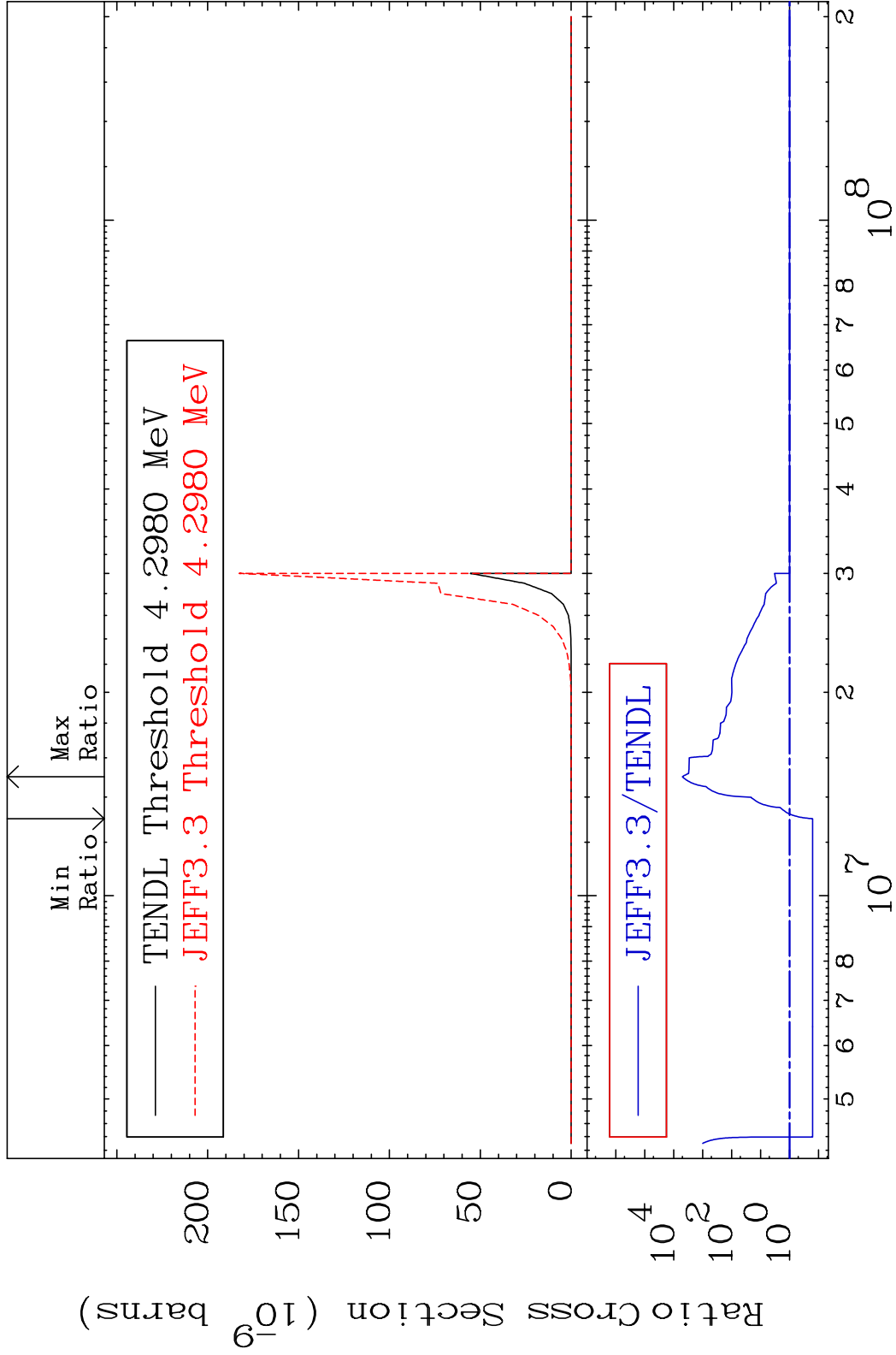


MAT 7631

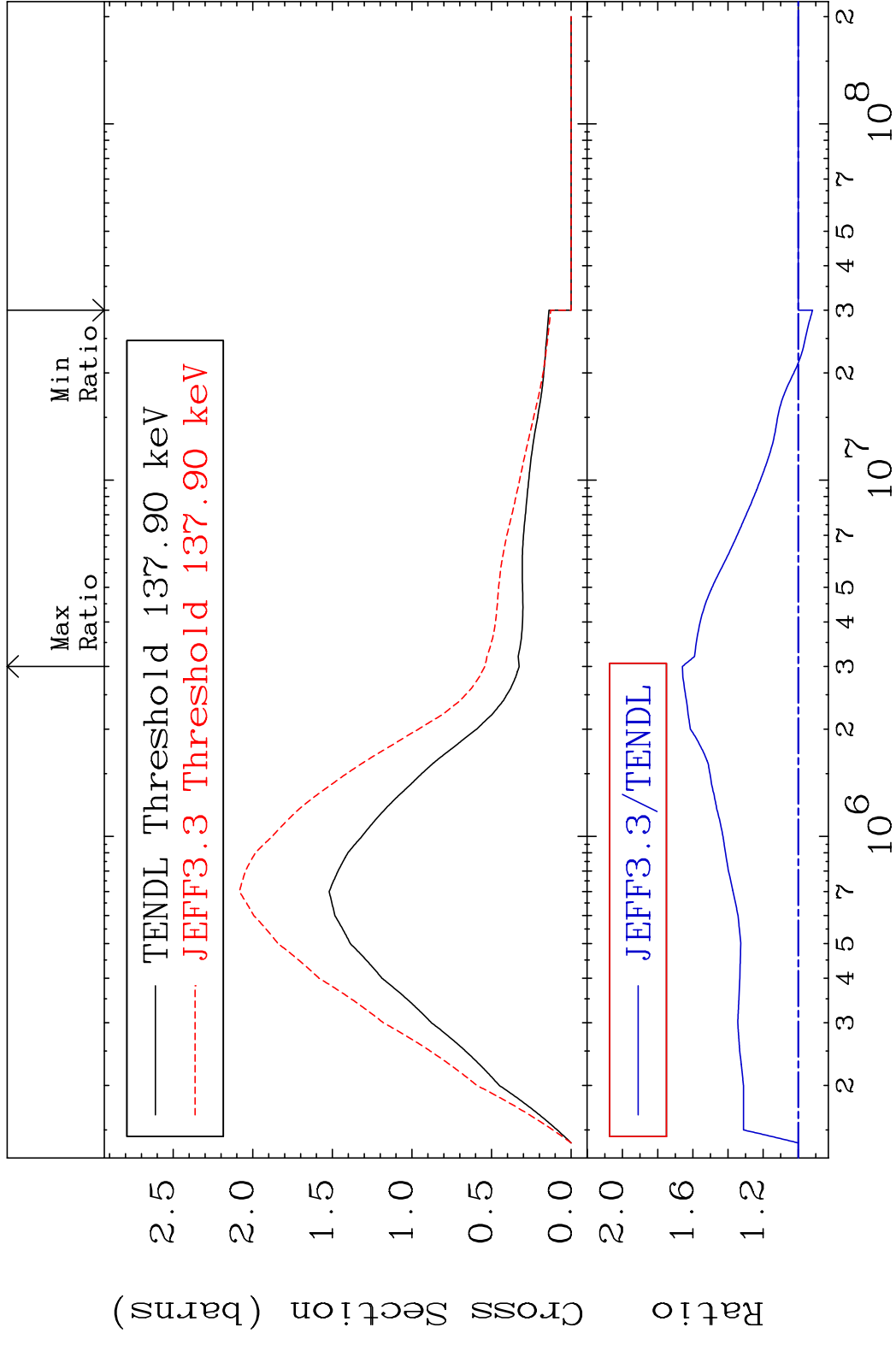
(n,n') p α

76-0s-186

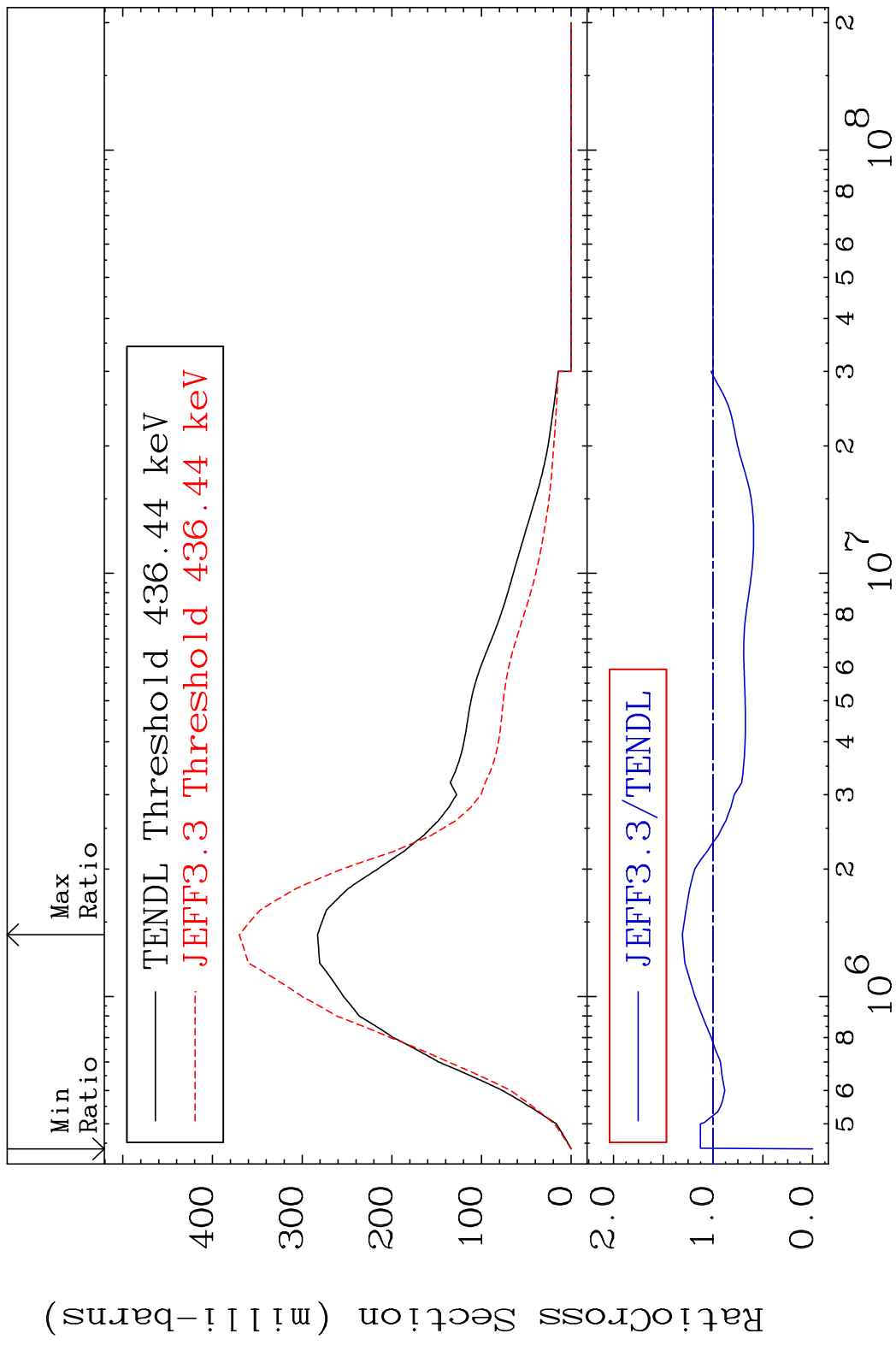
Cross Section -83.96 To 9999. %



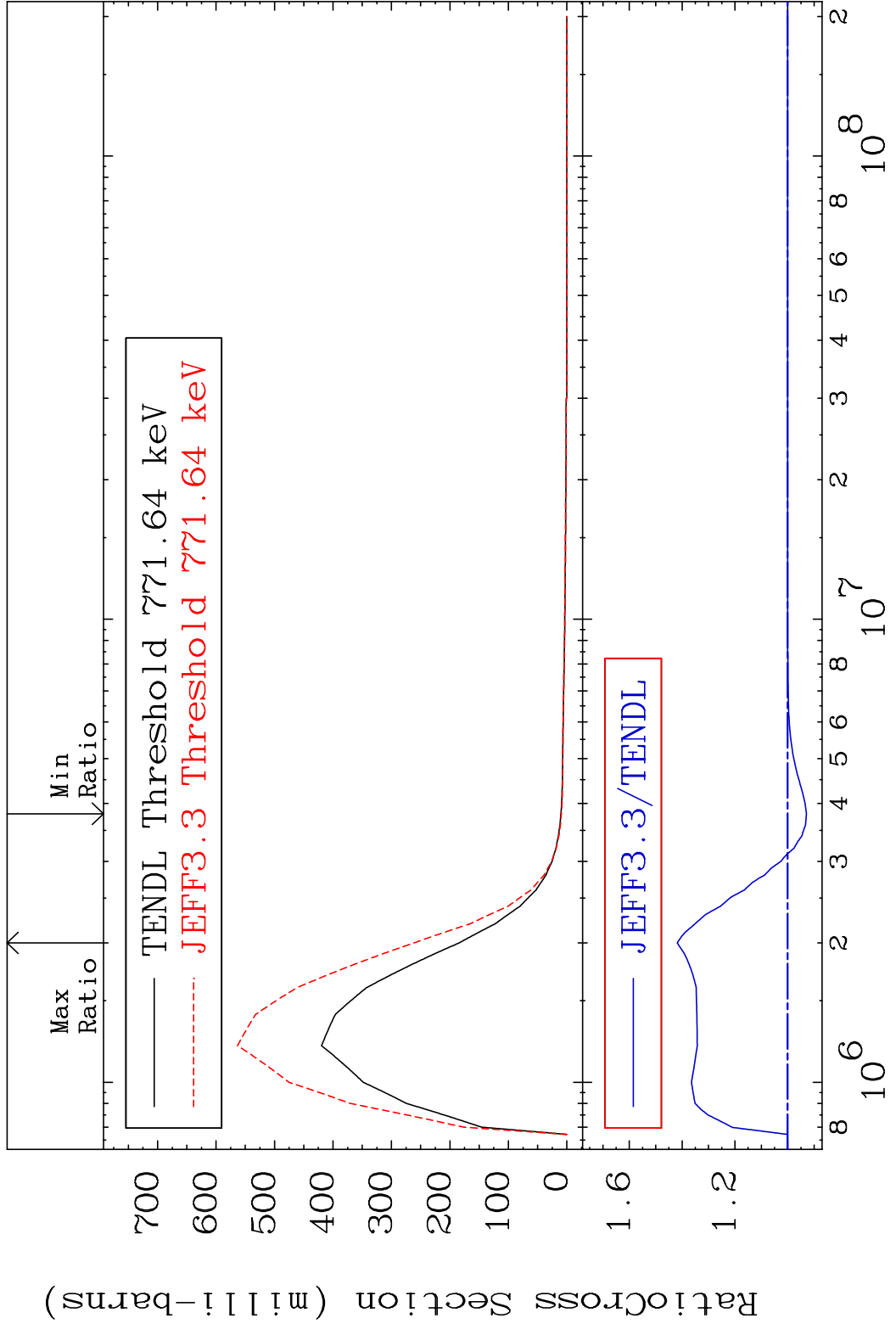
MAT 7631 MT= 51 (n, n') Level 76-0s-186
 Cross Section -8.121 To 65.95 %



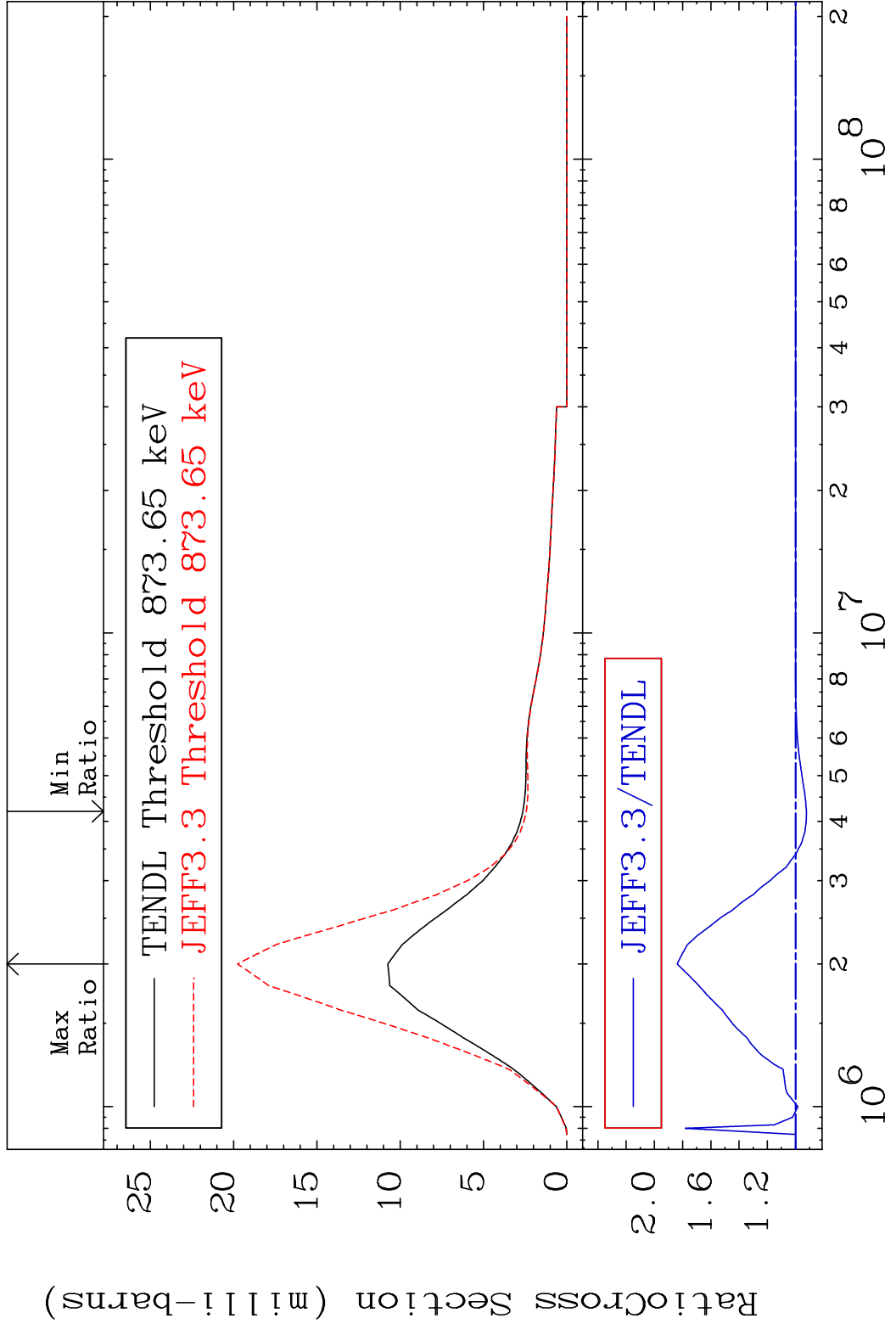
MAT 7631 MT= 52 (n, n') Level 76-0s-186
 Cross Section -100.0 To 30.83 %



MAT 7631 MT= 53 (n, n') Level 76-0s-186
 Cross Section -7.079 To 41.86 %



MAT 7631 MT= 54 (n,n') Level 76-0s-186
 Cross Section -7.717 To 83.84 %

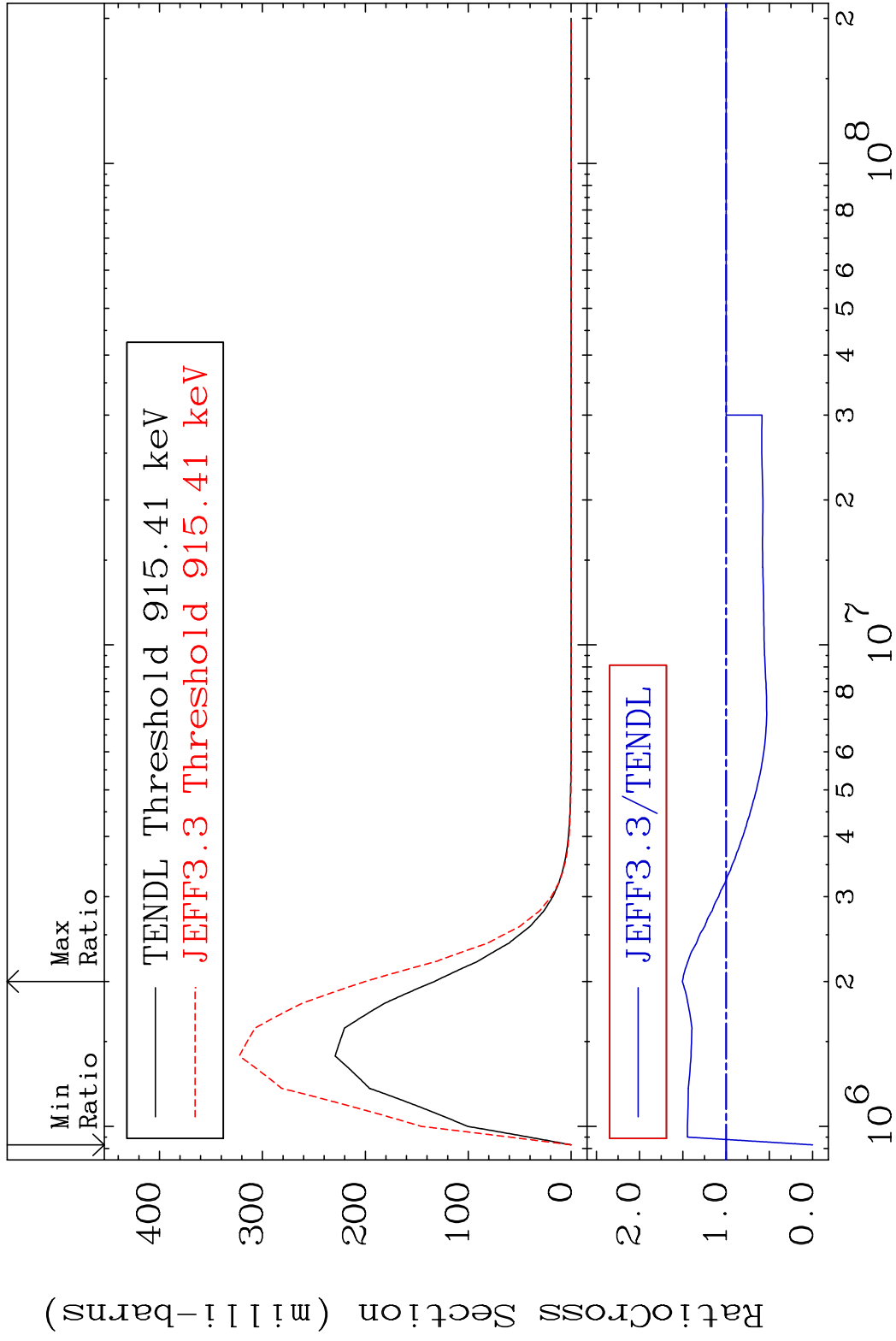


MAT 7631

MT= 55 (n,n') Level

76-0s-186

Cross Section -100.0 To 50.58 %

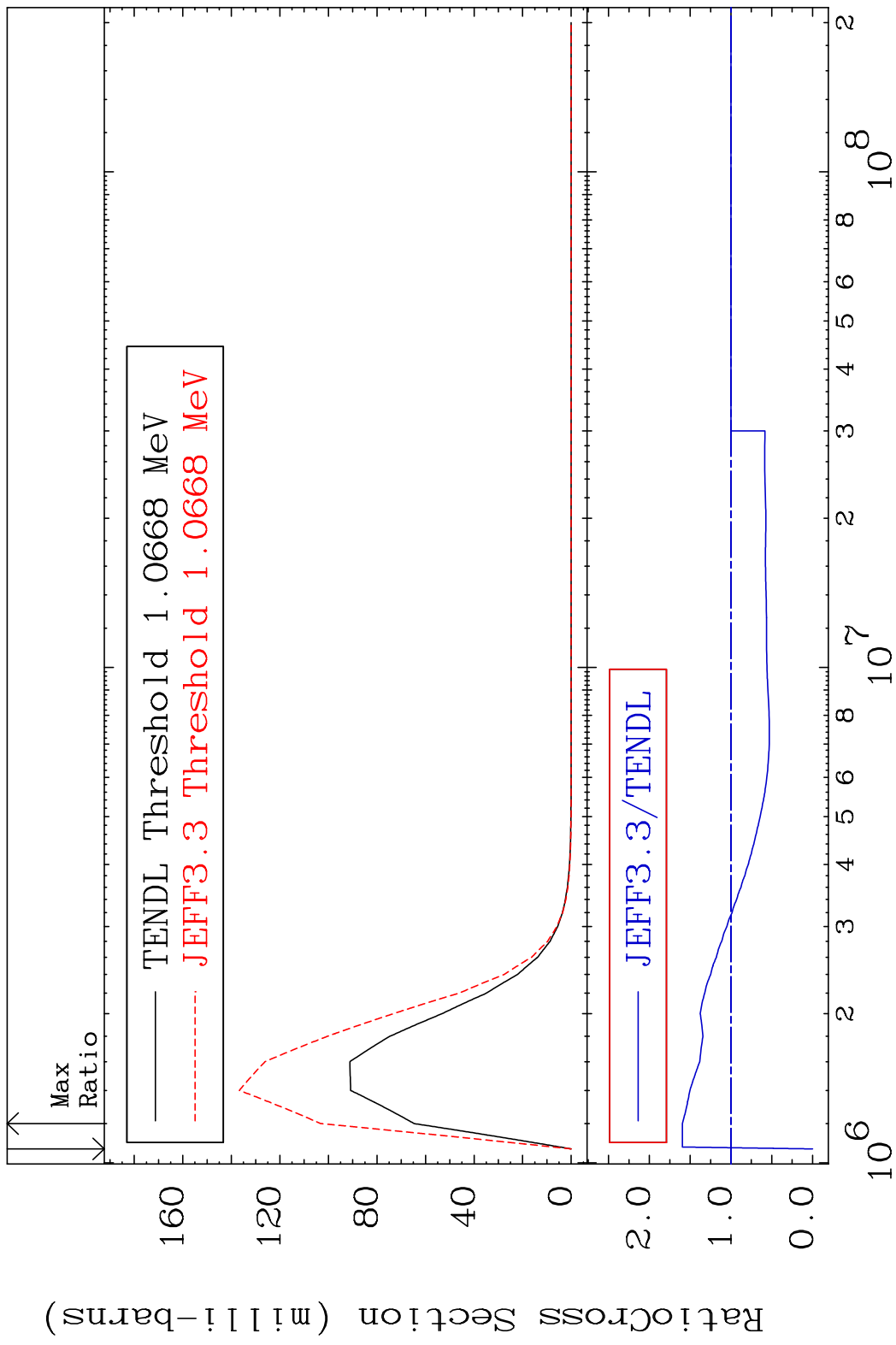


25

Incident Energy (eV)

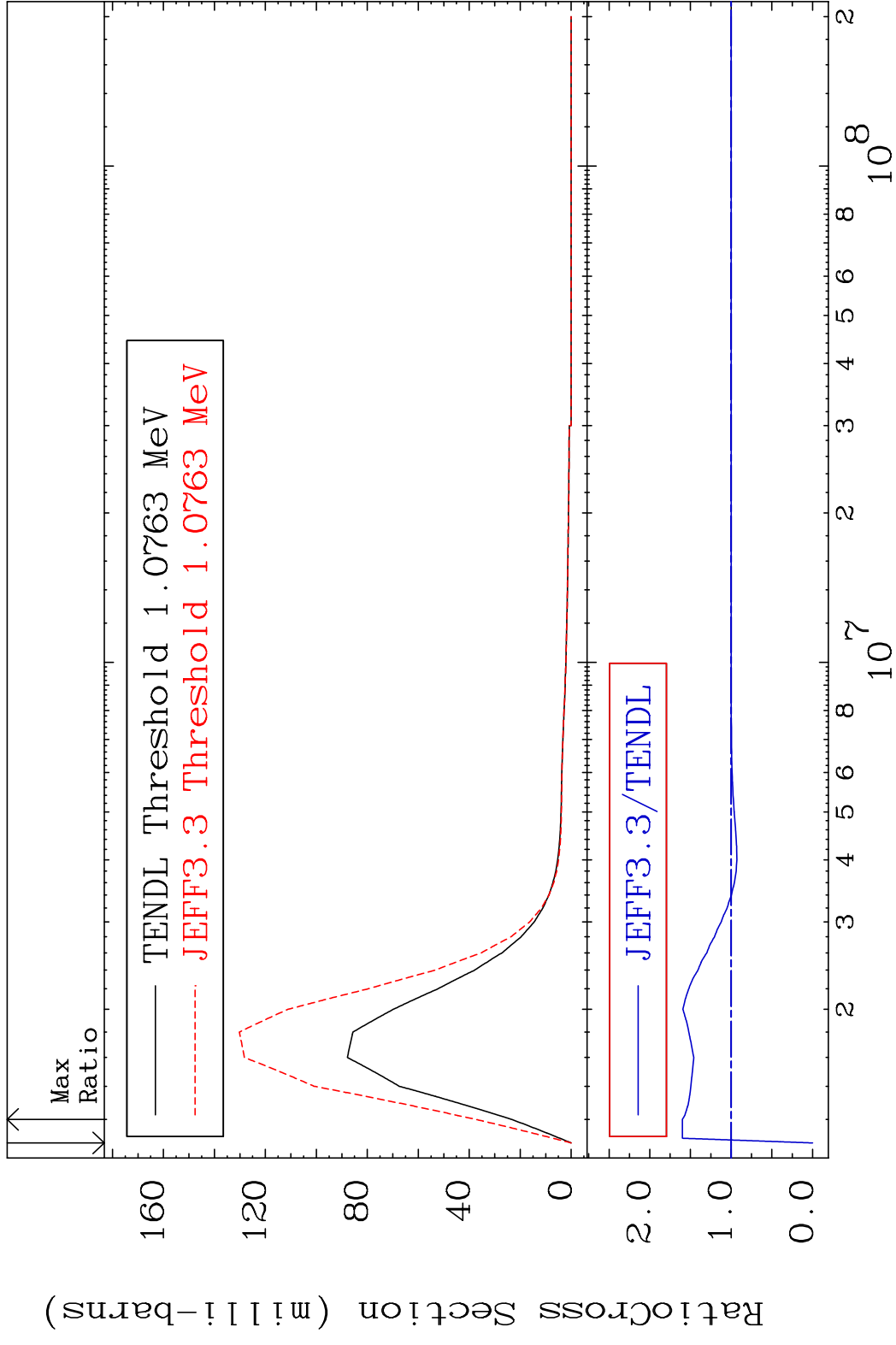
76-0s-186

MAT 7631 MT= 56 (n,n') Level 76-0s-186
 Cross Section -100.0 To 59.61 %

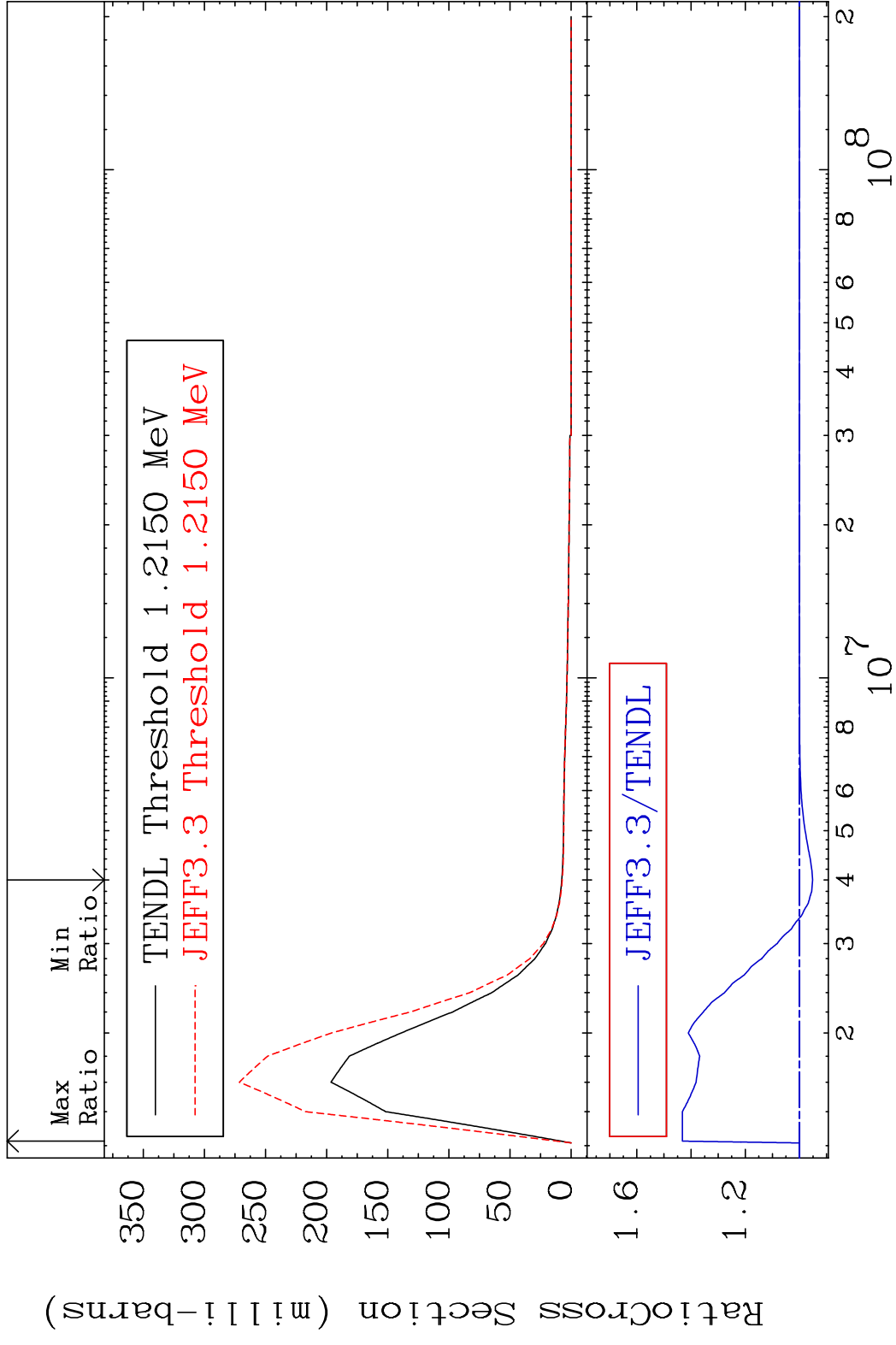


26 Incident Energy (eV) 76-0s-186

MAT 7631 MT= 57 (n,n') Level 76-0s-186
 Cross Section -100.0 To 59.99 %



MAT 7631 MT= 58 (n,n') Level 76-0s-186
 Cross Section -4.823 To 43.22 %

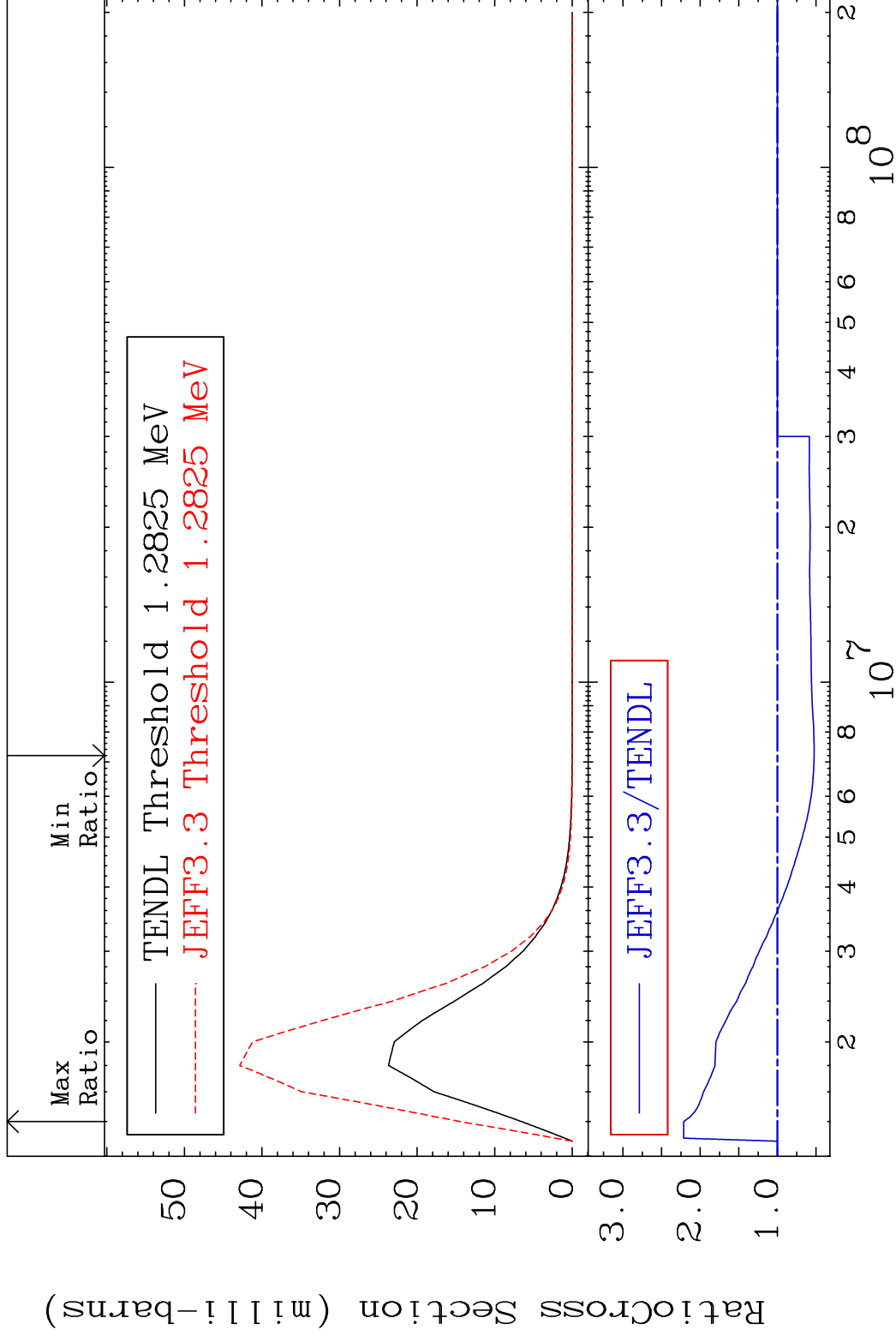


MAT 7631

MT= 59 (n,n') Level

76-0s-186

Cross Section -47.45 To 121.4 %



29

Incident Energy (eV)

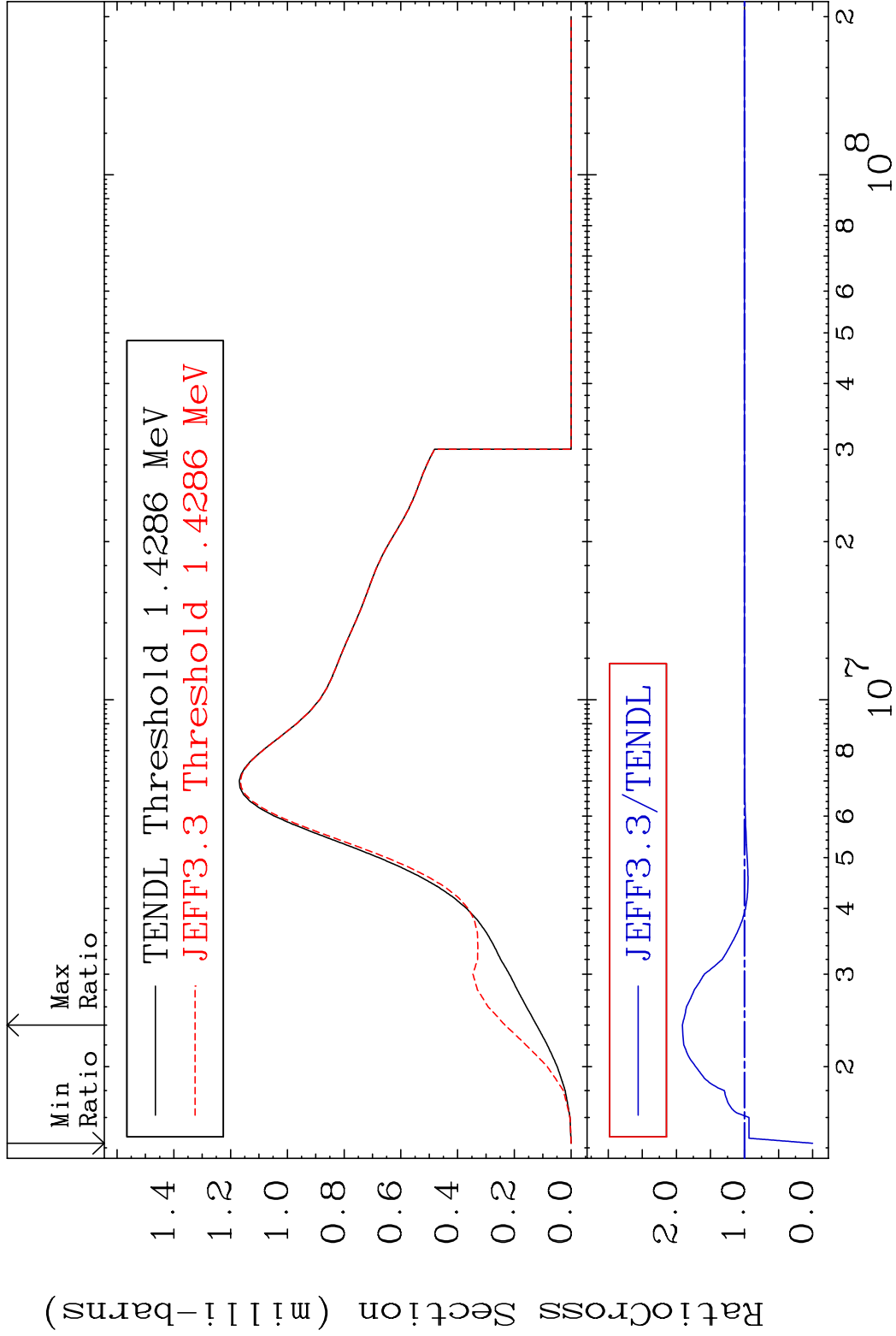
76-0s-186

MAT 7631

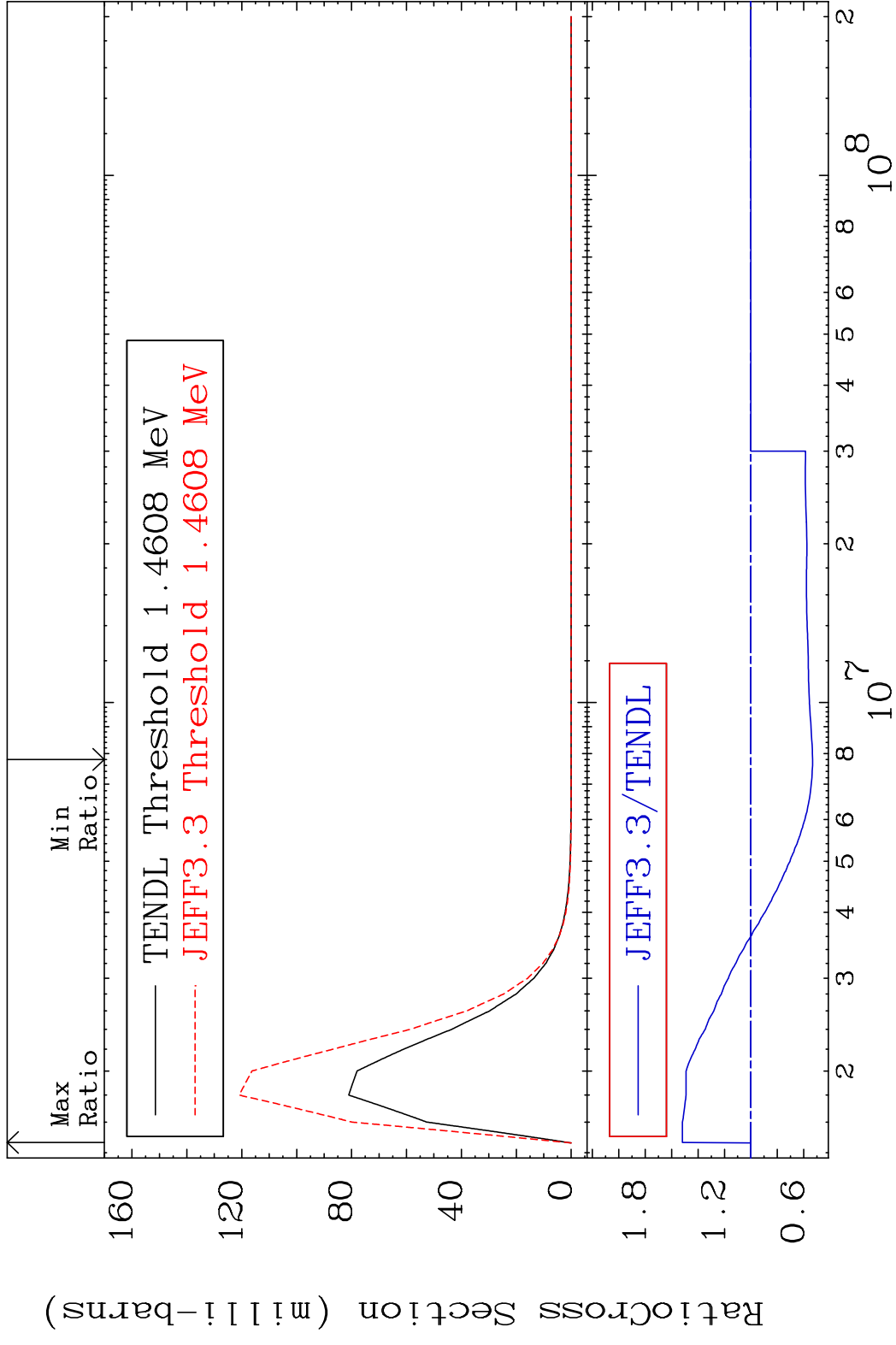
MT= 61 (n,n') Level

76-0s-186

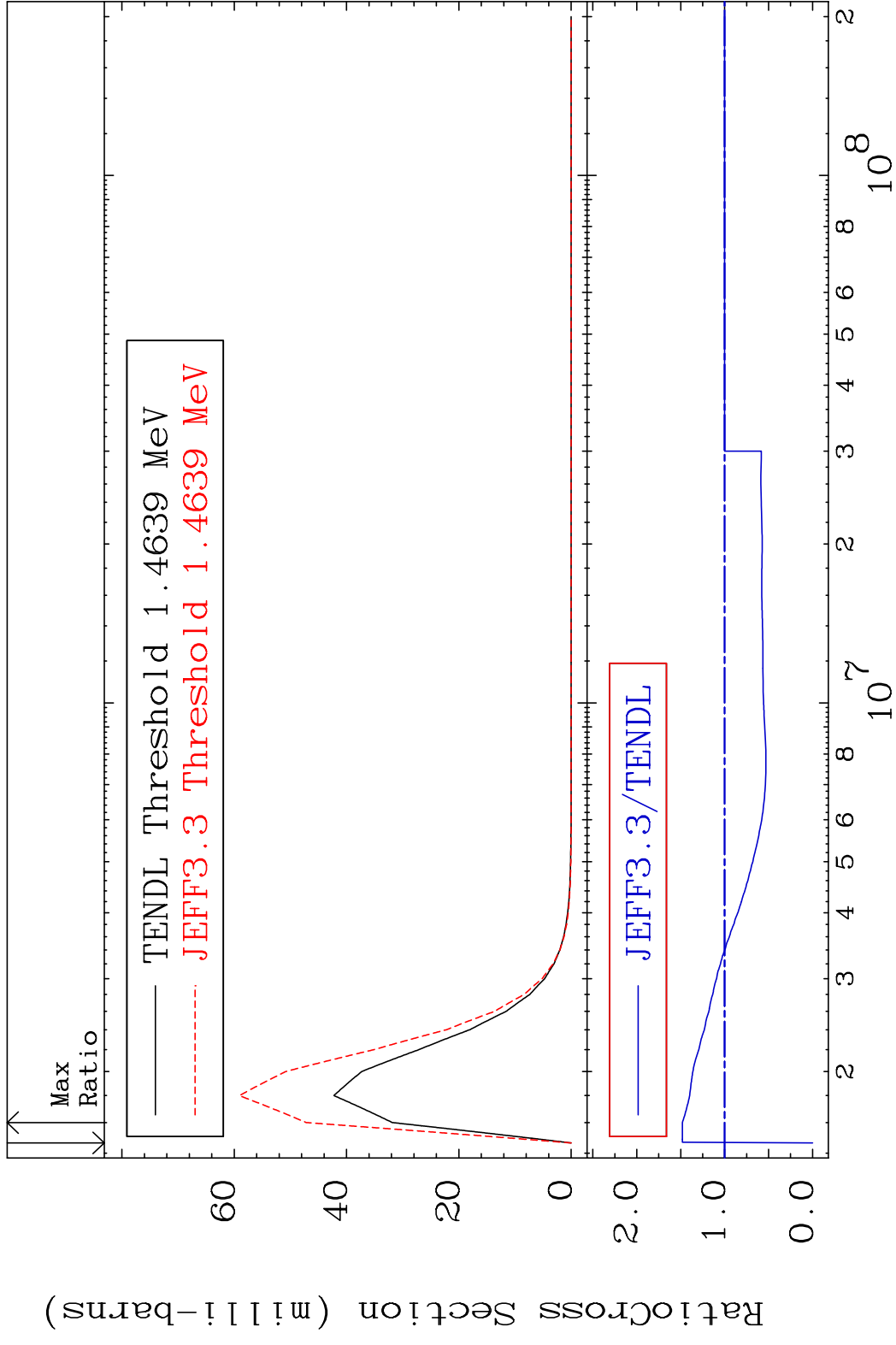
Cross Section -100.0 To 91.23 %



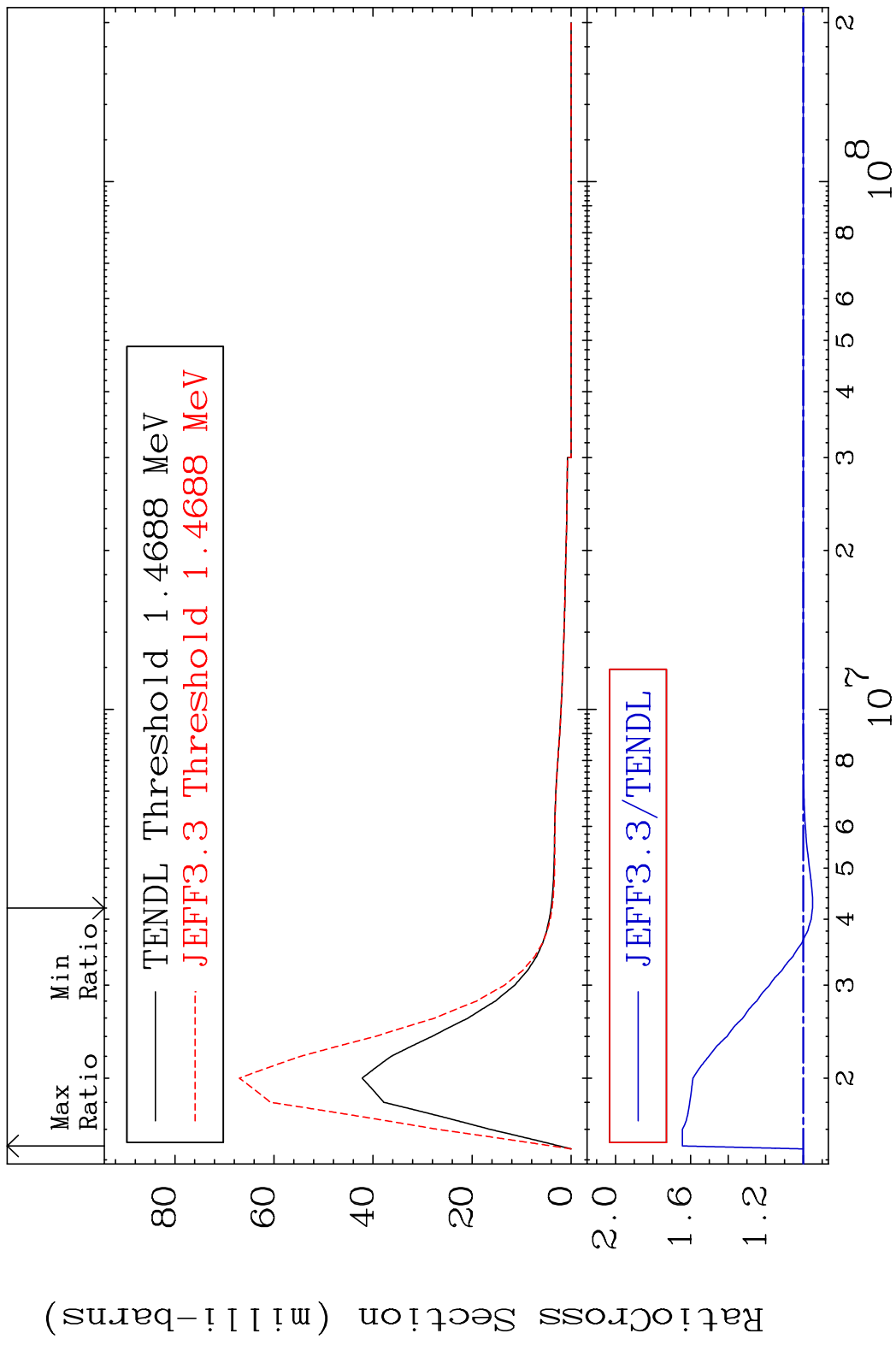
MAT 7631 MT= 62 (n,n') Level 76-0s-186
 Cross Section -46.70 To 51.89 %



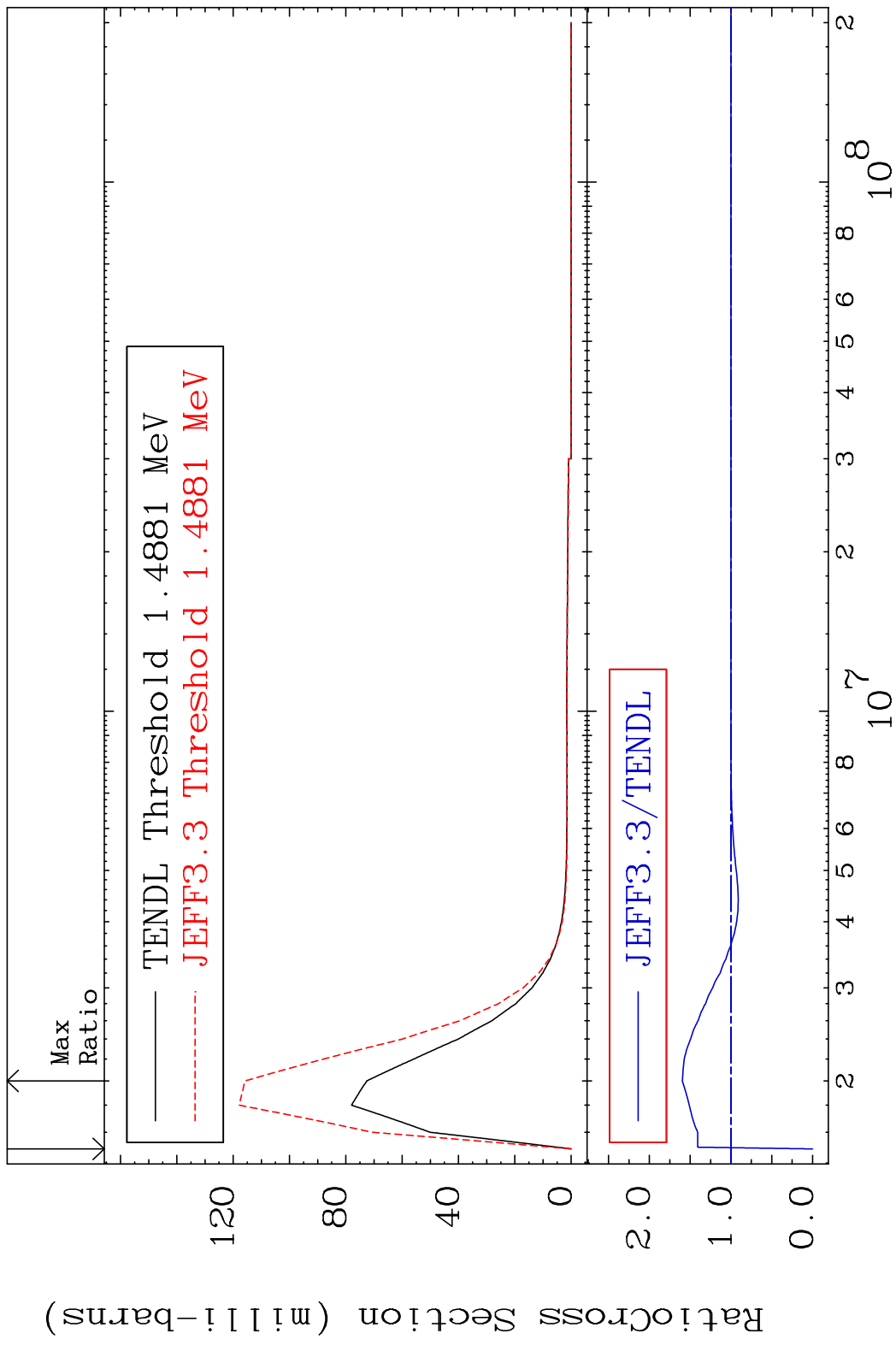
MAT 7631 MT= 63 (n, n') Level 76-0s-186
 Cross Section -100.0 To 48.15 %



MAT 7631 MT= 64 (n,n') Level 76-0s-186
 Cross Section -4.931 To 64.40 %



MAT 7631 MT= 65 (n,n') Level 76-0s-186
 Cross Section -100.0 To 59.58 %

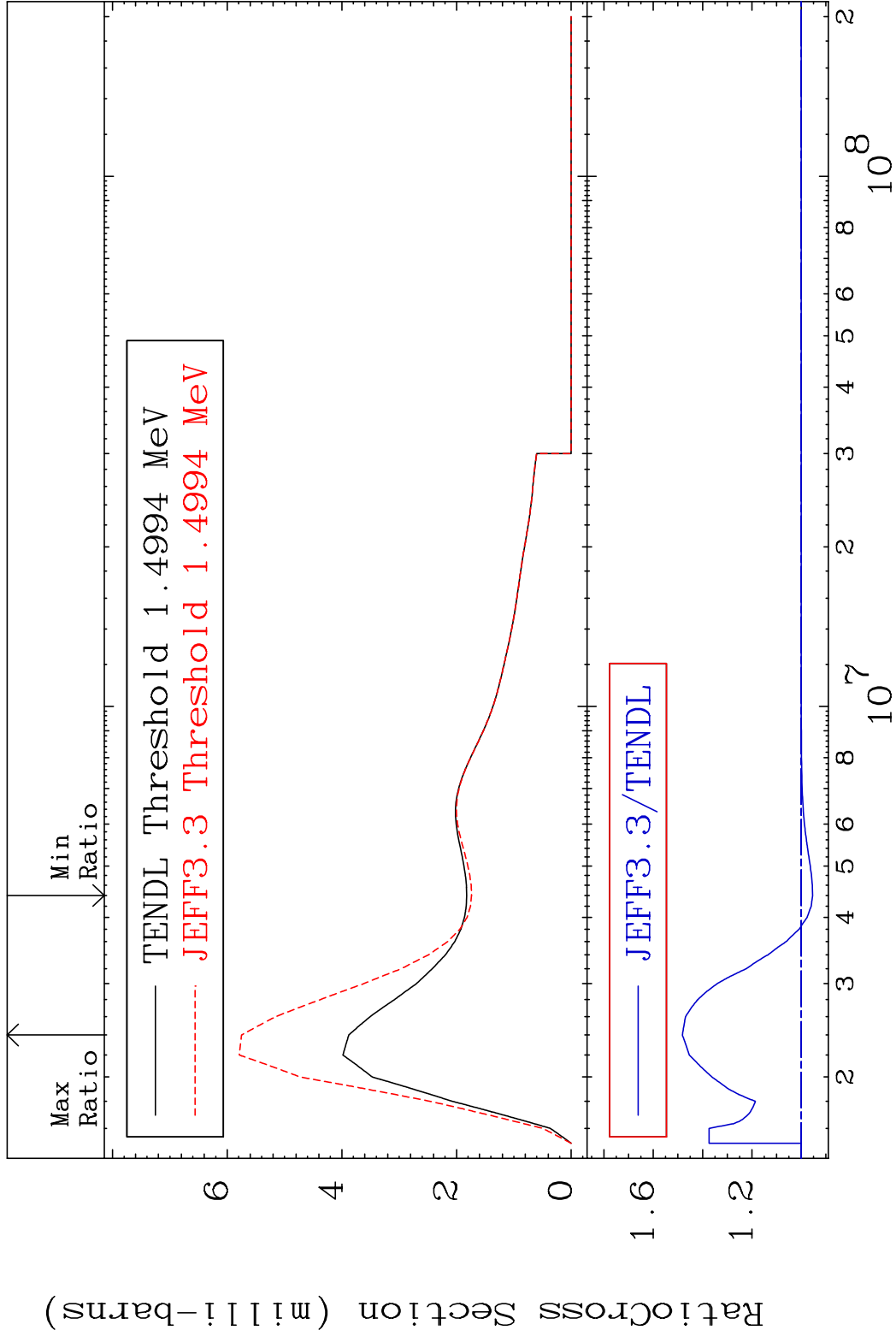


MAT 7631

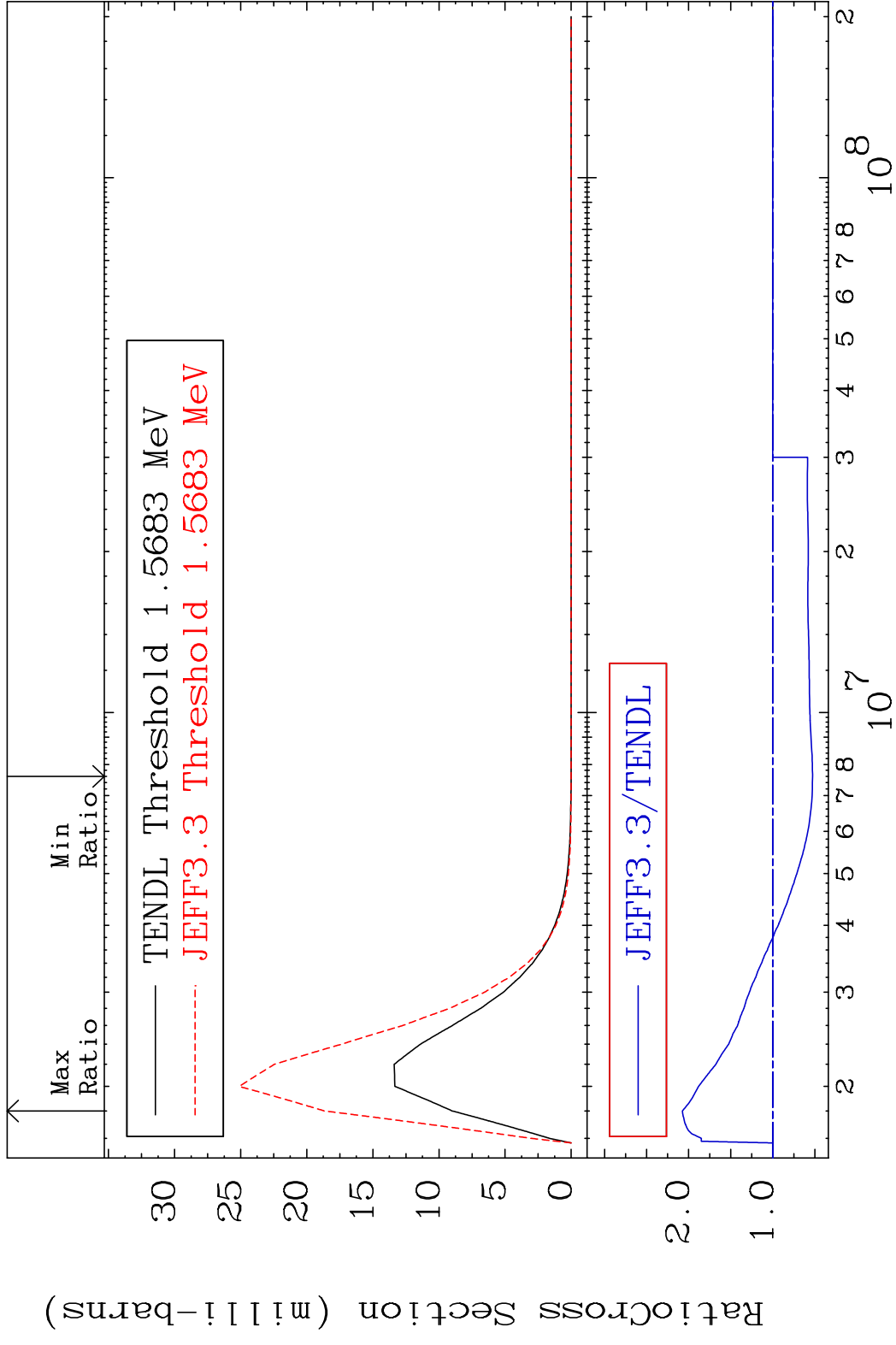
MT= 66 (n,n') Level

76-0s-186

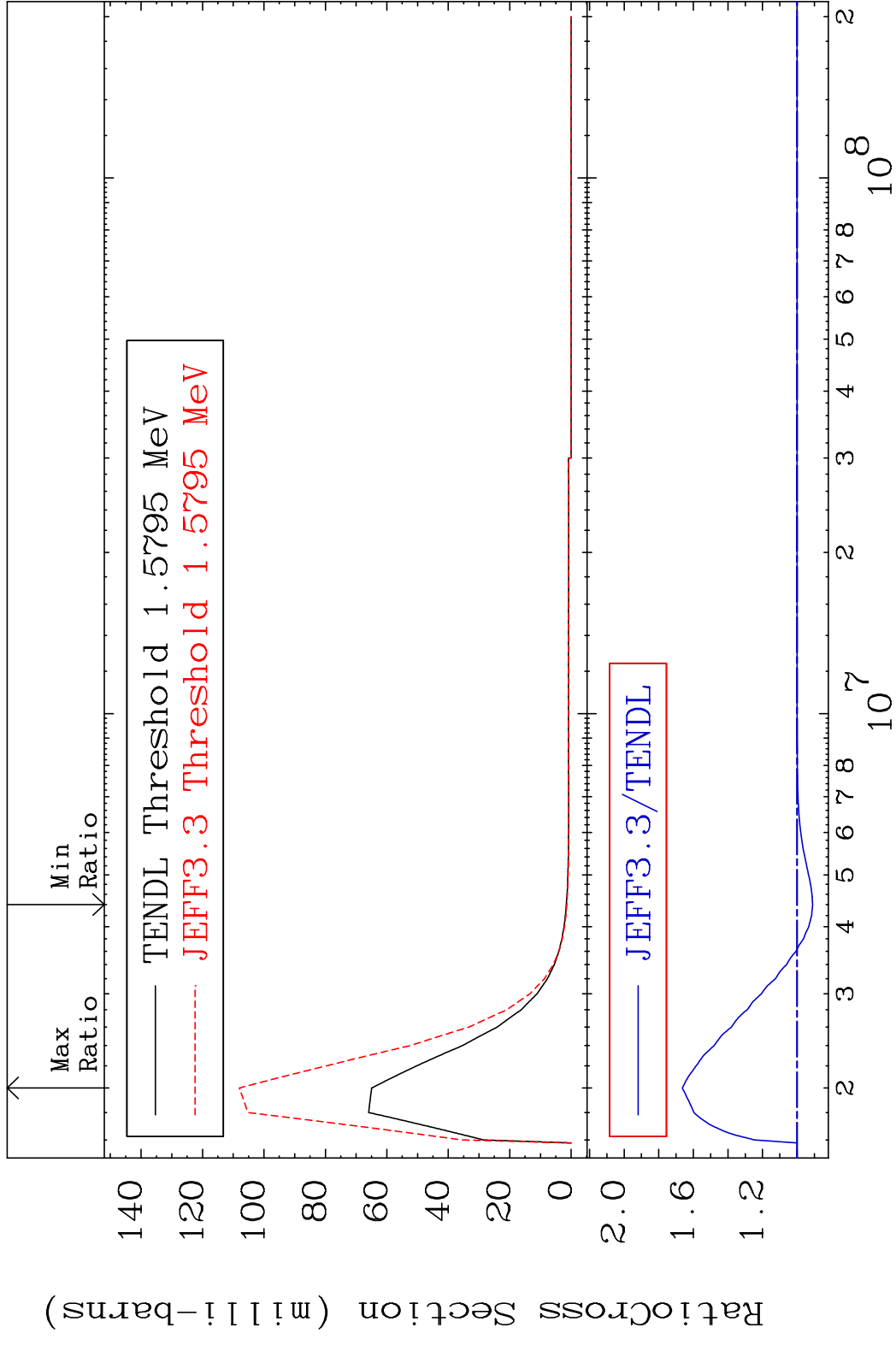
Cross Section -4.579 To 48.20 %



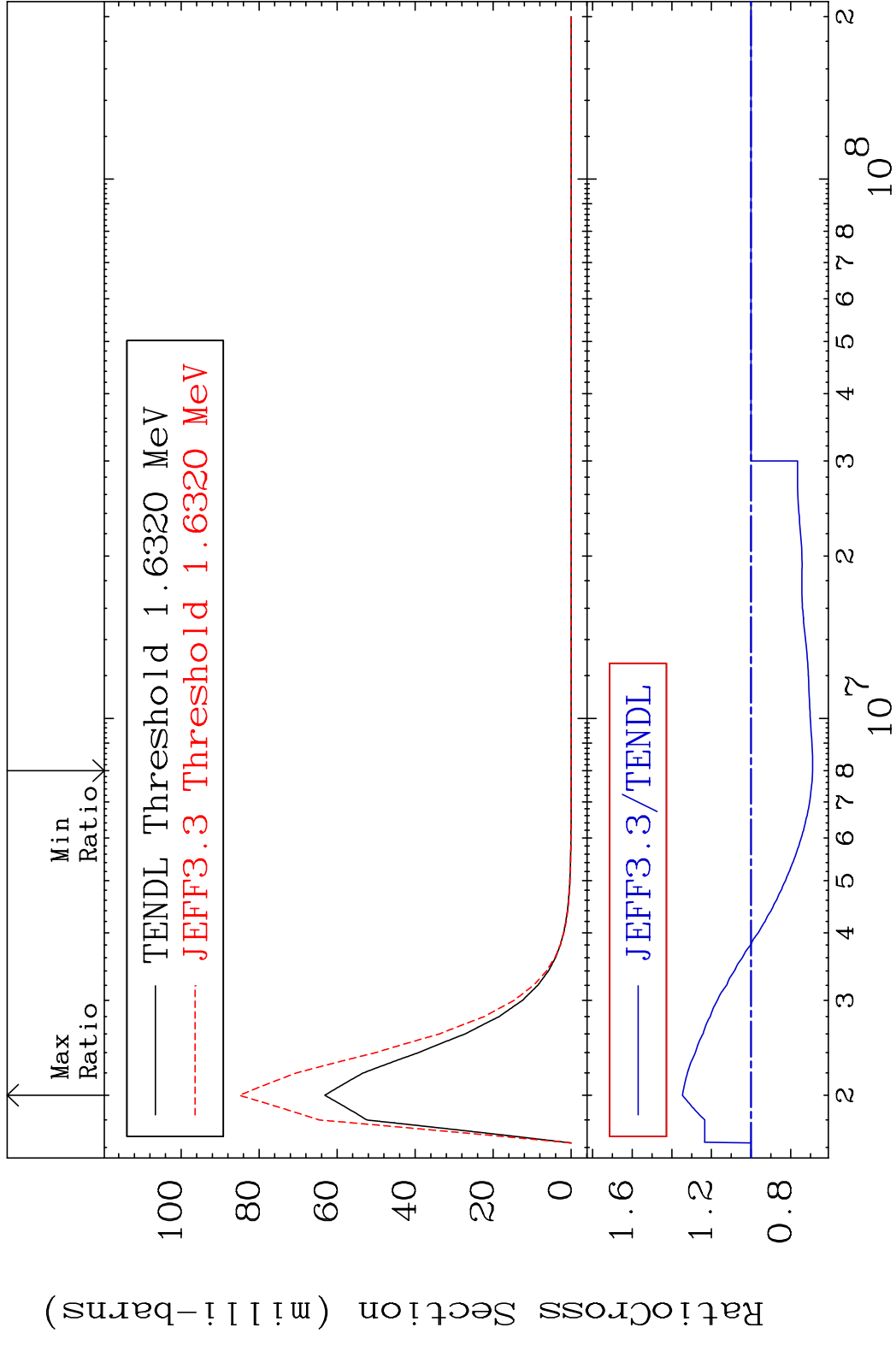
MAT 7631 MT= 67 (n,n') Level 76-0s-186
 Cross Section -47.30 To 107.5 %



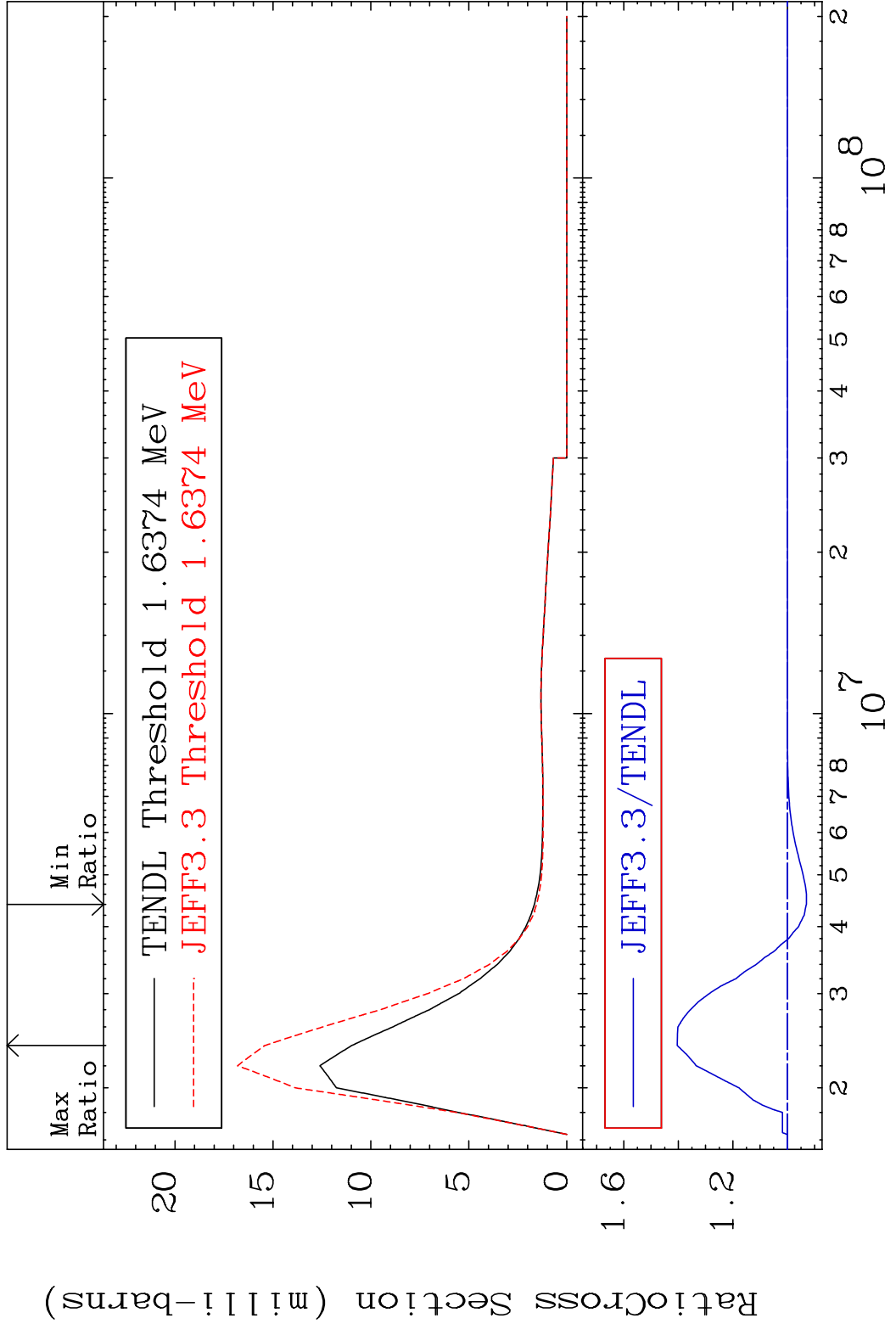
MAT 7631 MT= 68 (n,n') Level 76-0s-186
 Cross Section -8.908 To 66.35 %



MAT 7631 MT= 69 (n,n') Level 76-0s-186
 Cross Section -31.00 To 34.68 %

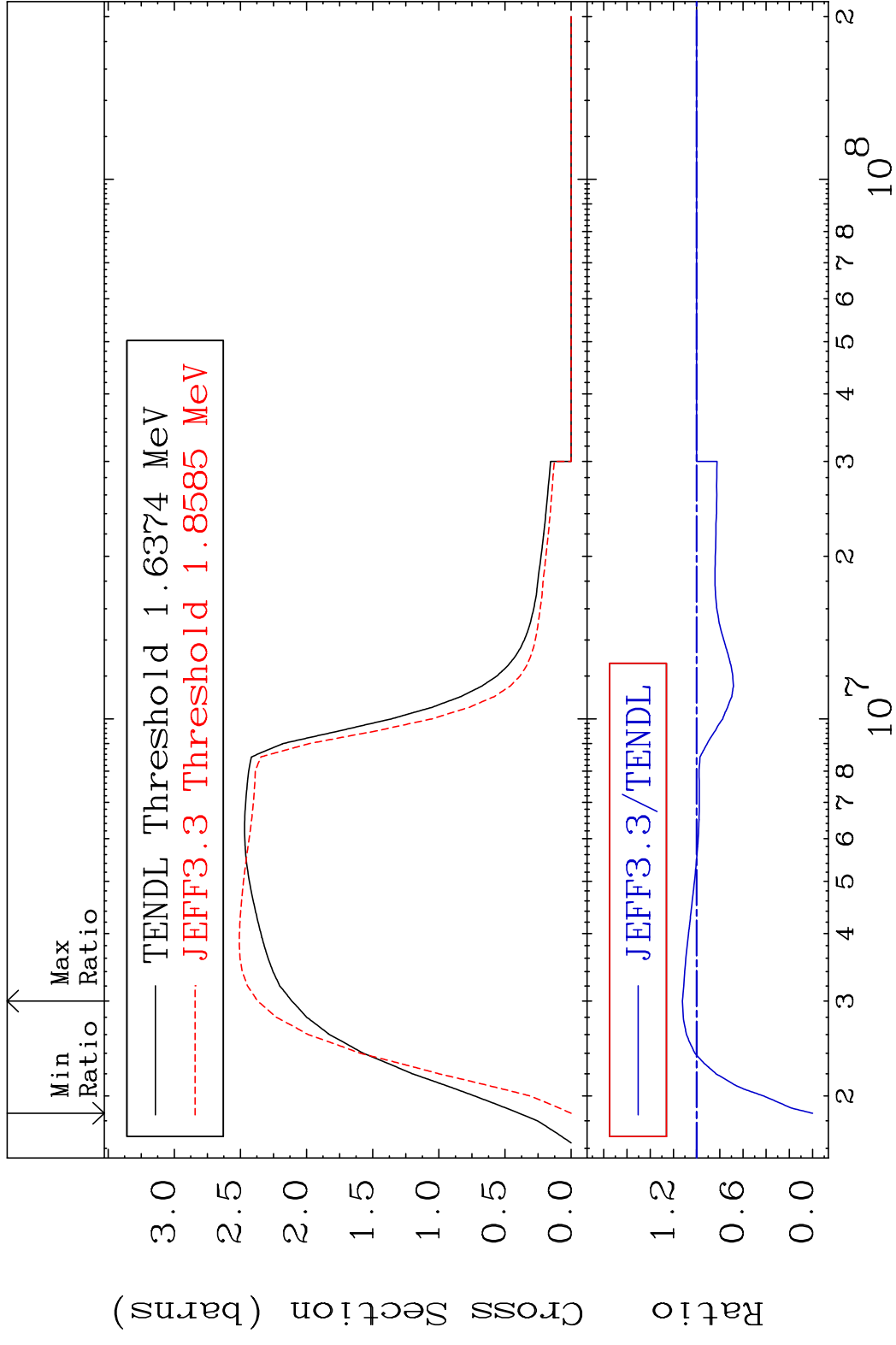


MAT 7631 MT= 70 (n,n') Level 76-0s-186
 Cross Section -6.986 To 40.42 %



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

MAT 7631 (n, n') Continuum 76-0s-186
 Cross Section -100.0 To 12.27 %

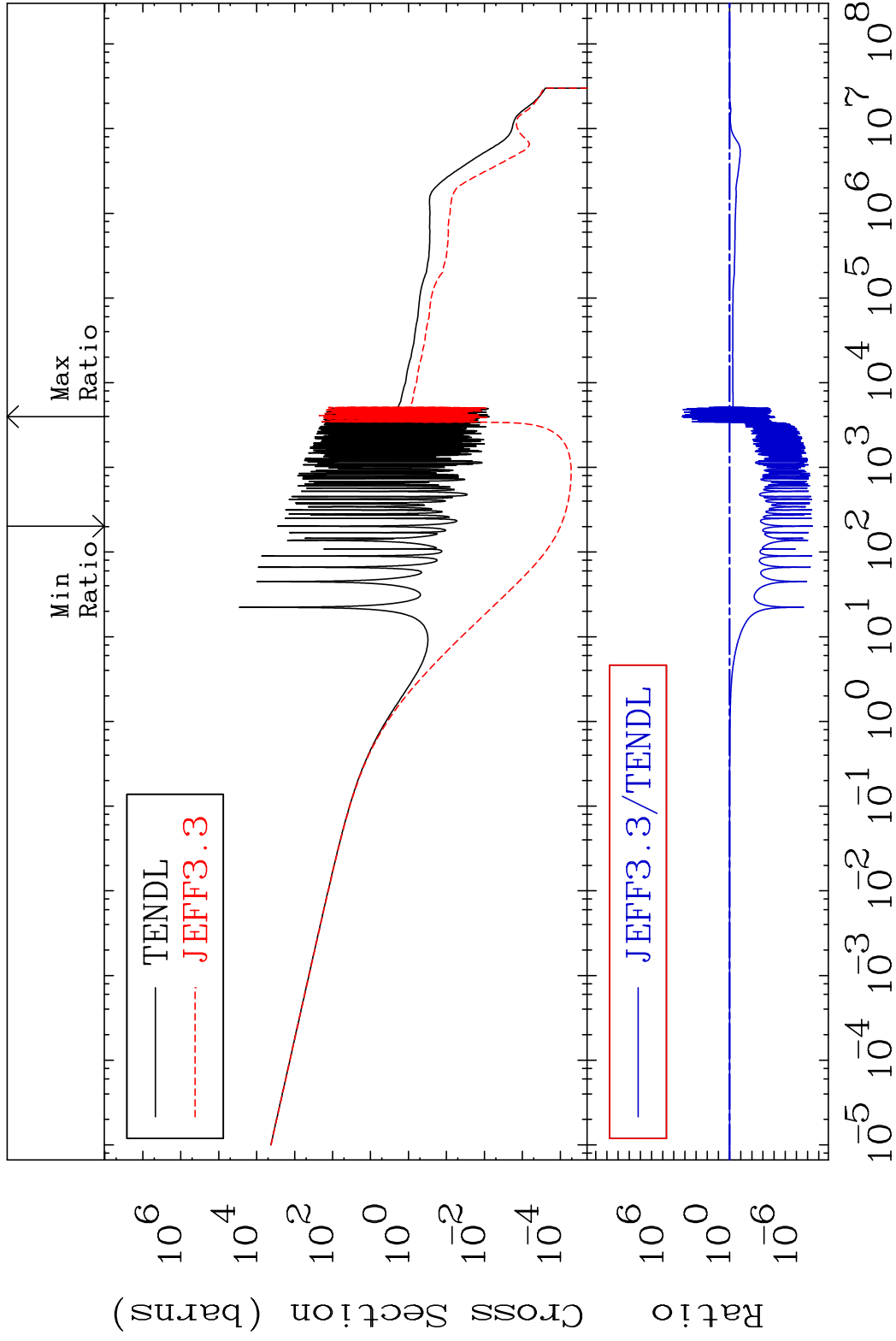


MAT 7631

(n, γ)

76-0s-186

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

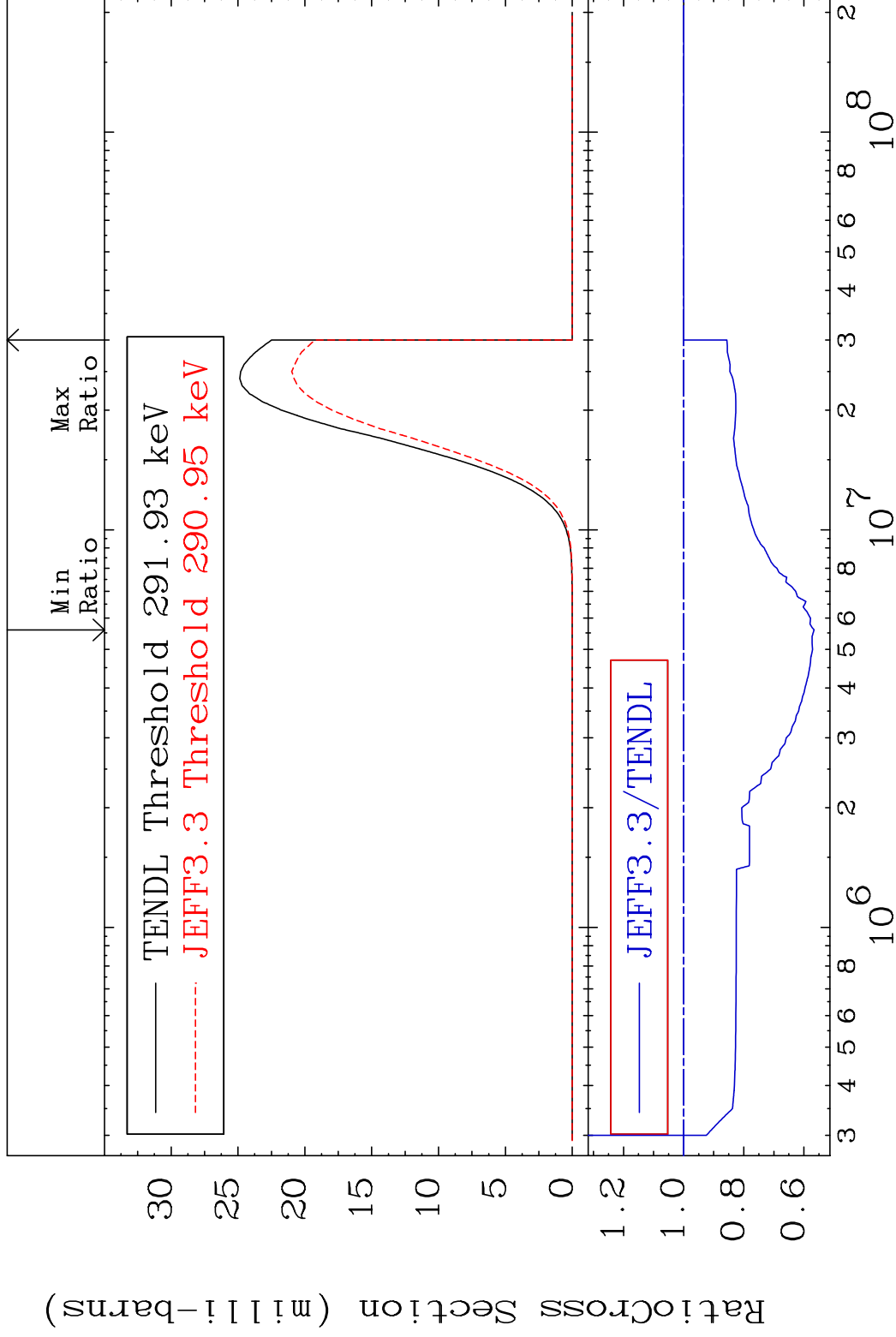
76-0s-186

MAT 7631

(n, p)

76-0s-186

Cross Section -43.39 To 0.000 %



43

Incident Energy (eV)

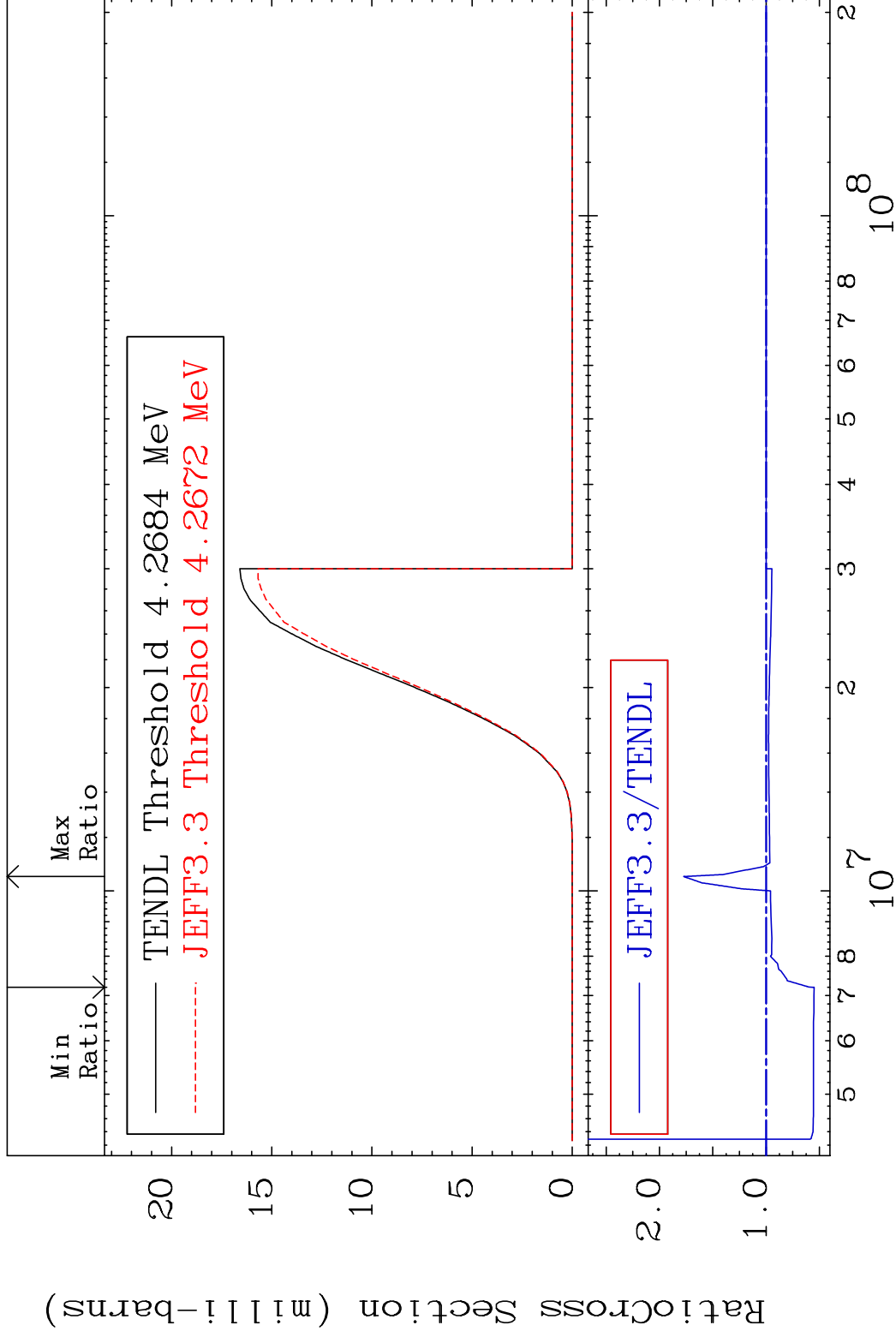
76-0s-186

MAT 7631

(n, d)

76-0s-186

Cross Section -45.04 To 77.32 %



44

Incident Energy (eV)

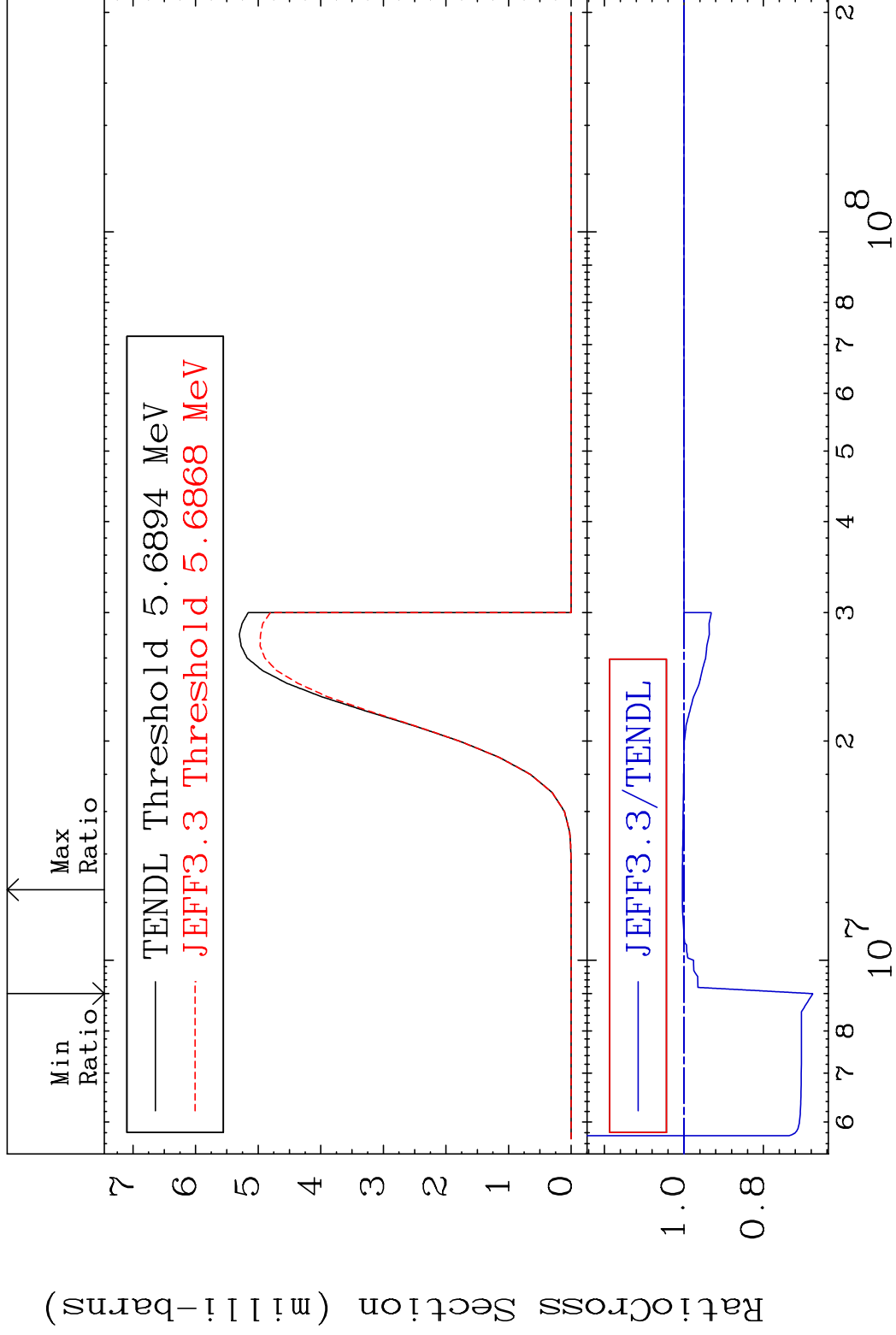
76-0s-186

MAT 7631

(n, t)

76-0s-186

Cross Section -32.36 To 0.405 %



45

Incident Energy (eV)

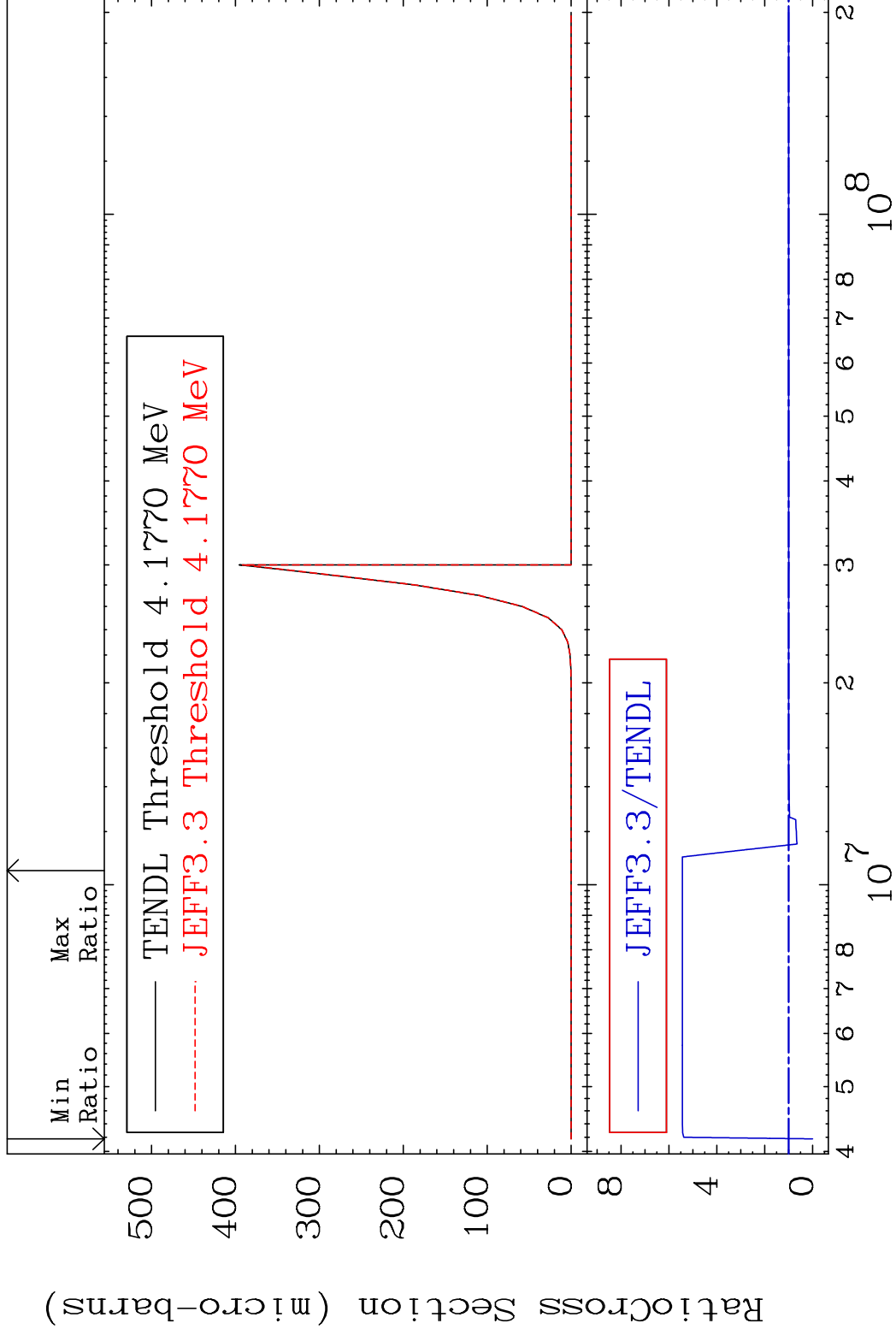
76-0s-186

MAT 7631

(n, He-3)

76-0s-186

Cross Section -100.0 To 443.8 %



46

Incident Energy (eV)

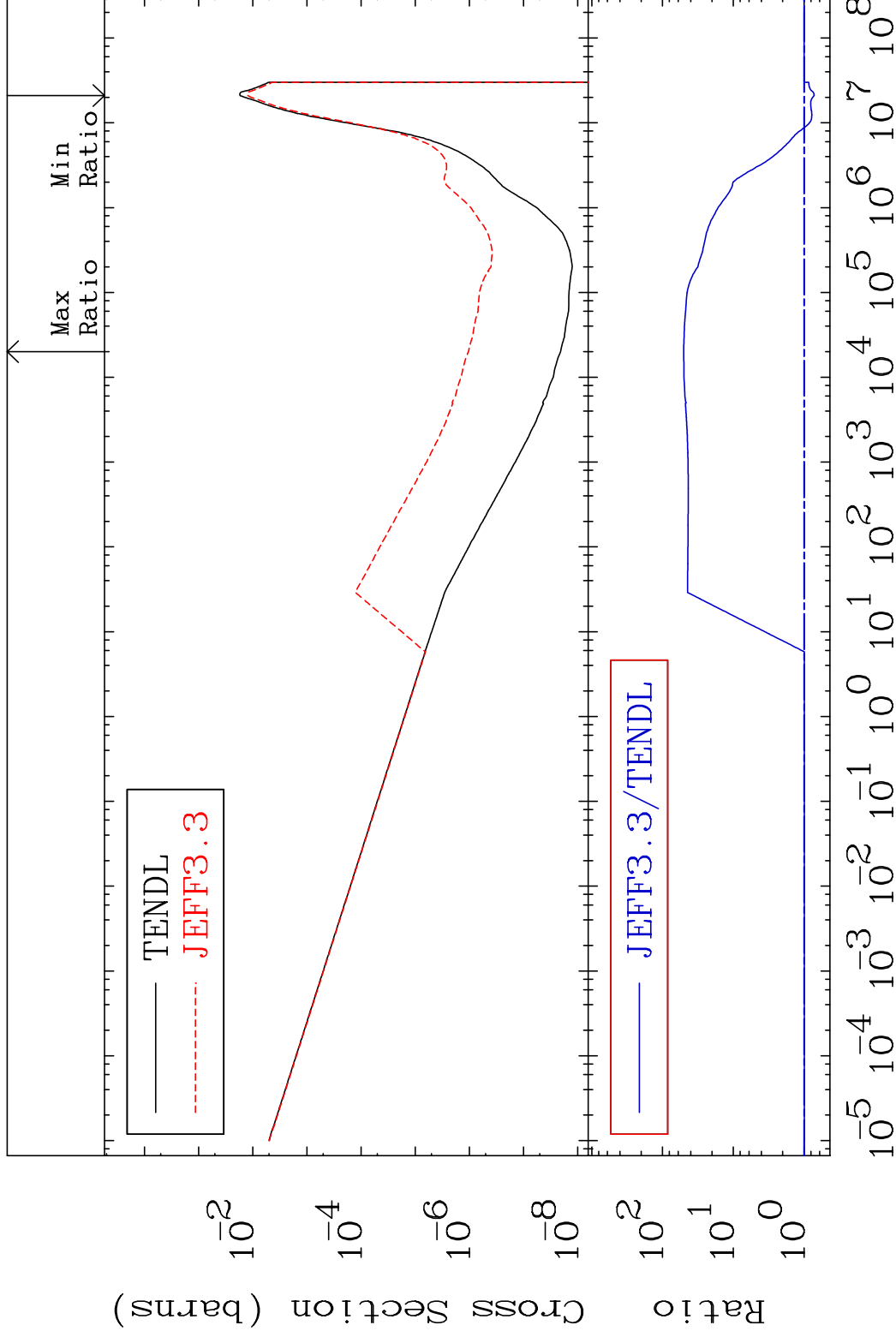
76-0s-186

MAT 7631

(n, α)

76-Os-186

Cross Section -28.04 To 4924. %



47

Incident Energy (eV)

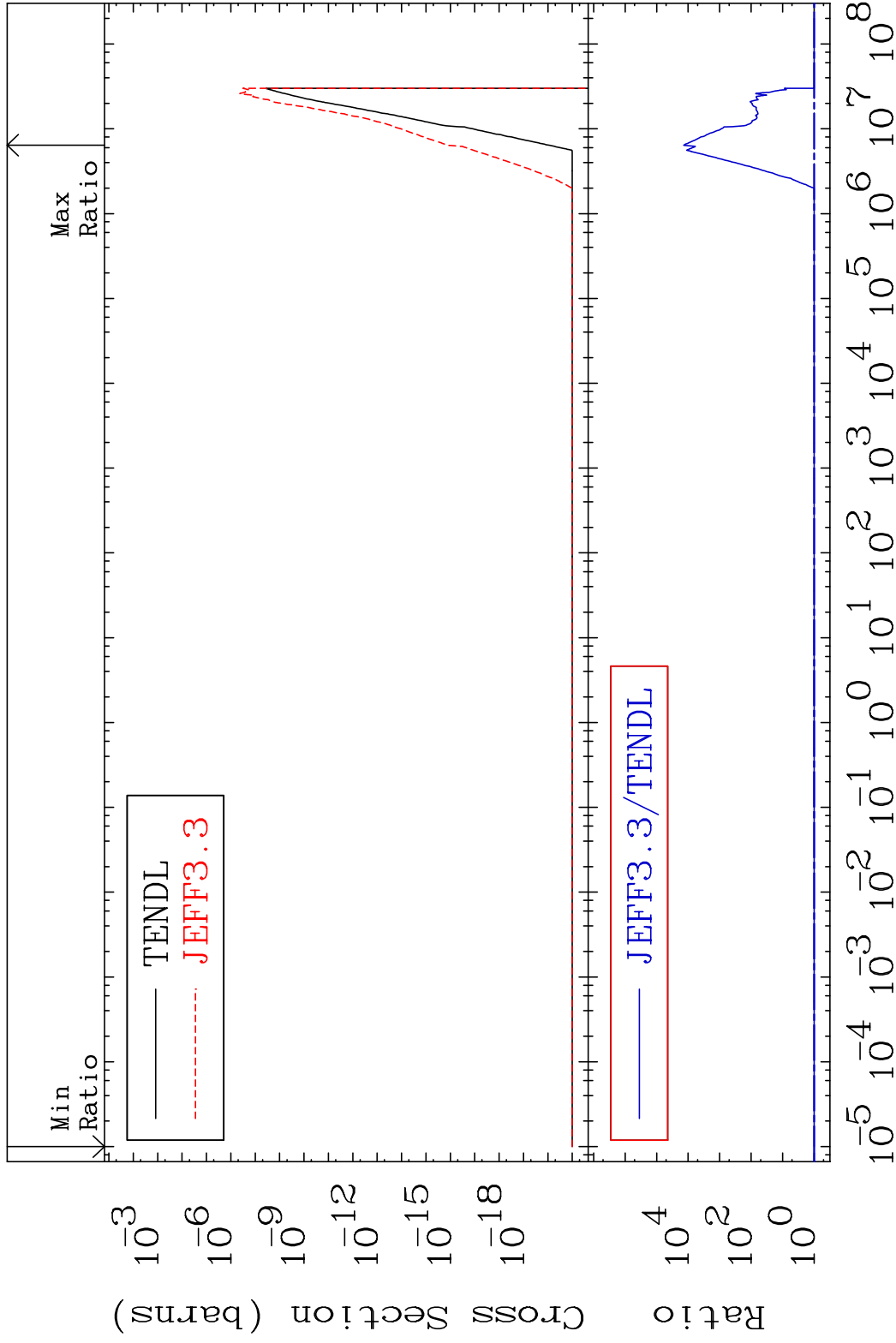
76-Os-186

MAT 7631

(n, 2α)

76-Os-186

Cross Section 0.000 To 9999. %

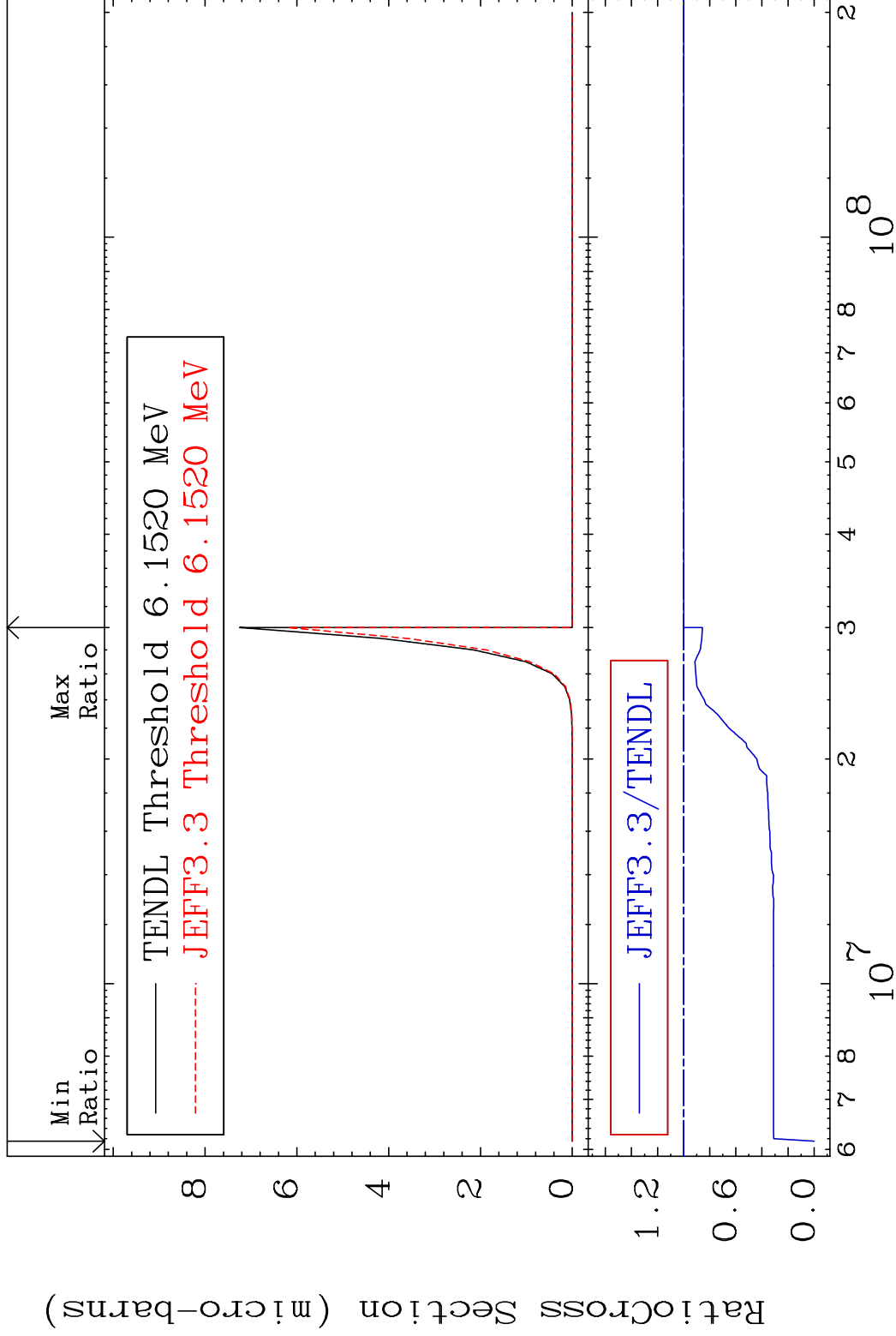


MAT 7631

(n,2p)

76-0s-186

Cross Section -100.0 To 0.000 %



49

Incident Energy (eV)

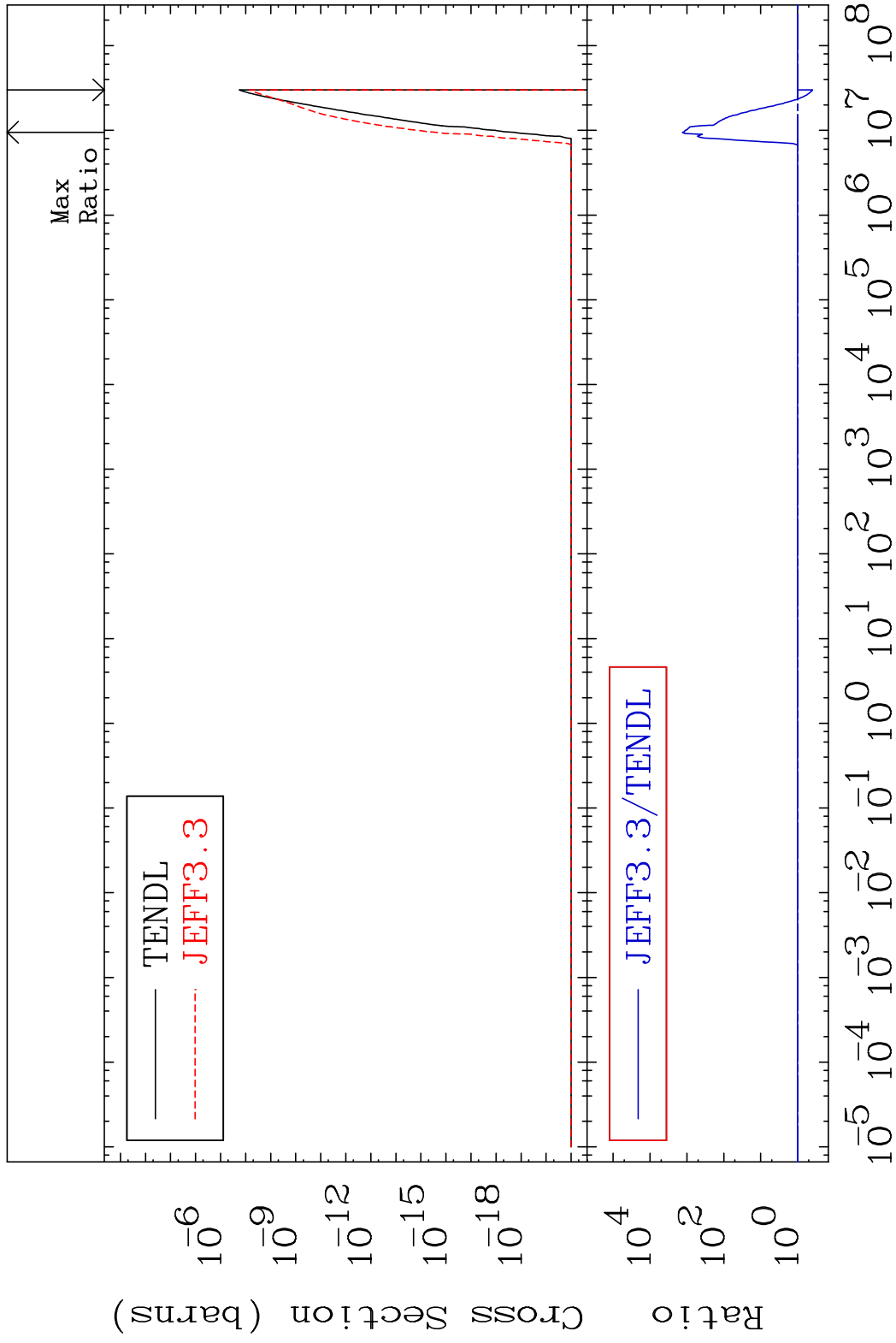
76-0s-186

MAT 7631

(n,p) α

76-Os-186

Cross Section -60.77 To 9999. %



50

Incident Energy (eV)

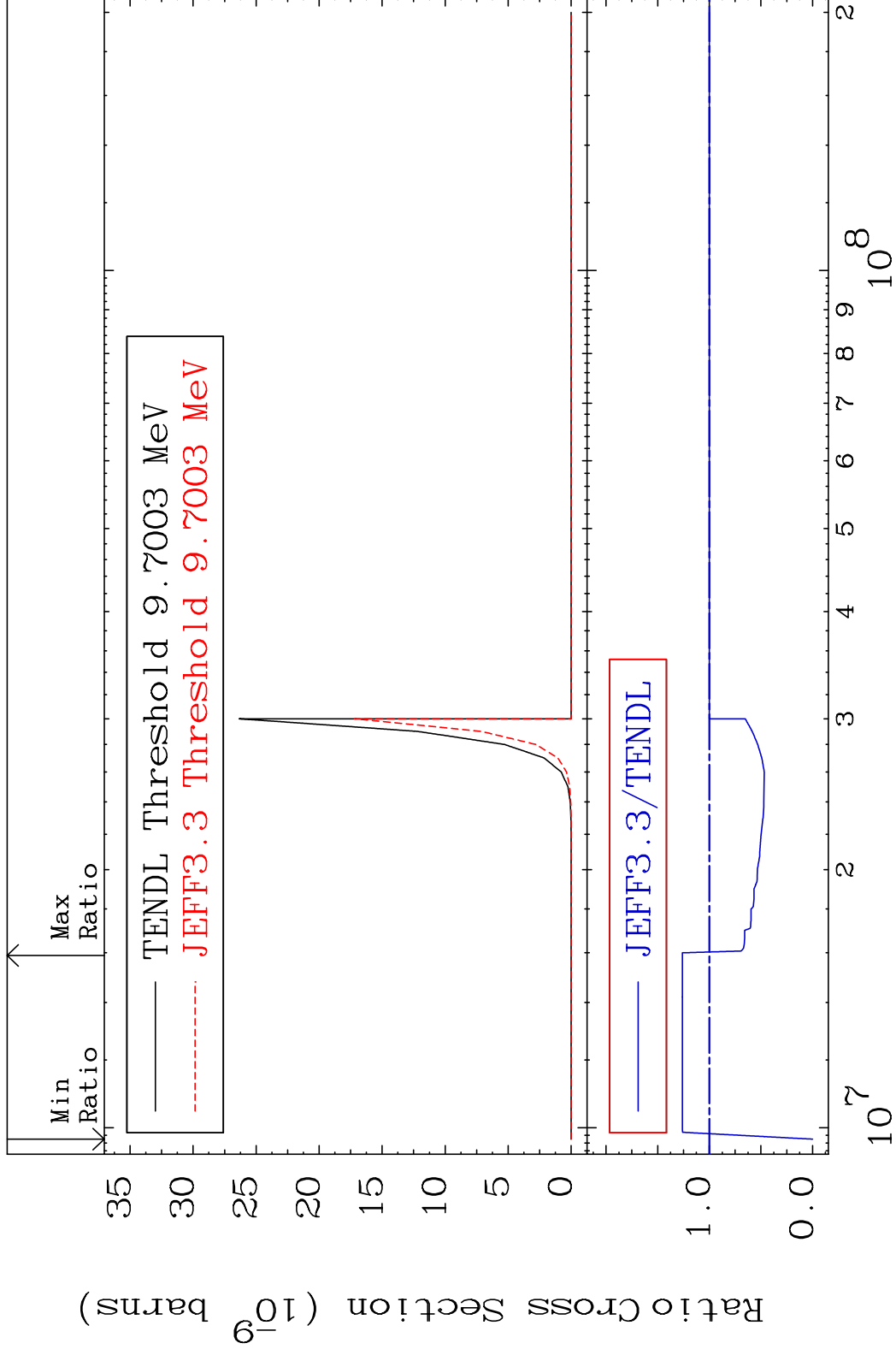
76-Os-186

MAT 7631

(n,p) d

76-0s-186

Cross Section -100.0 To 26.08 %



51

Incident Energy (eV)

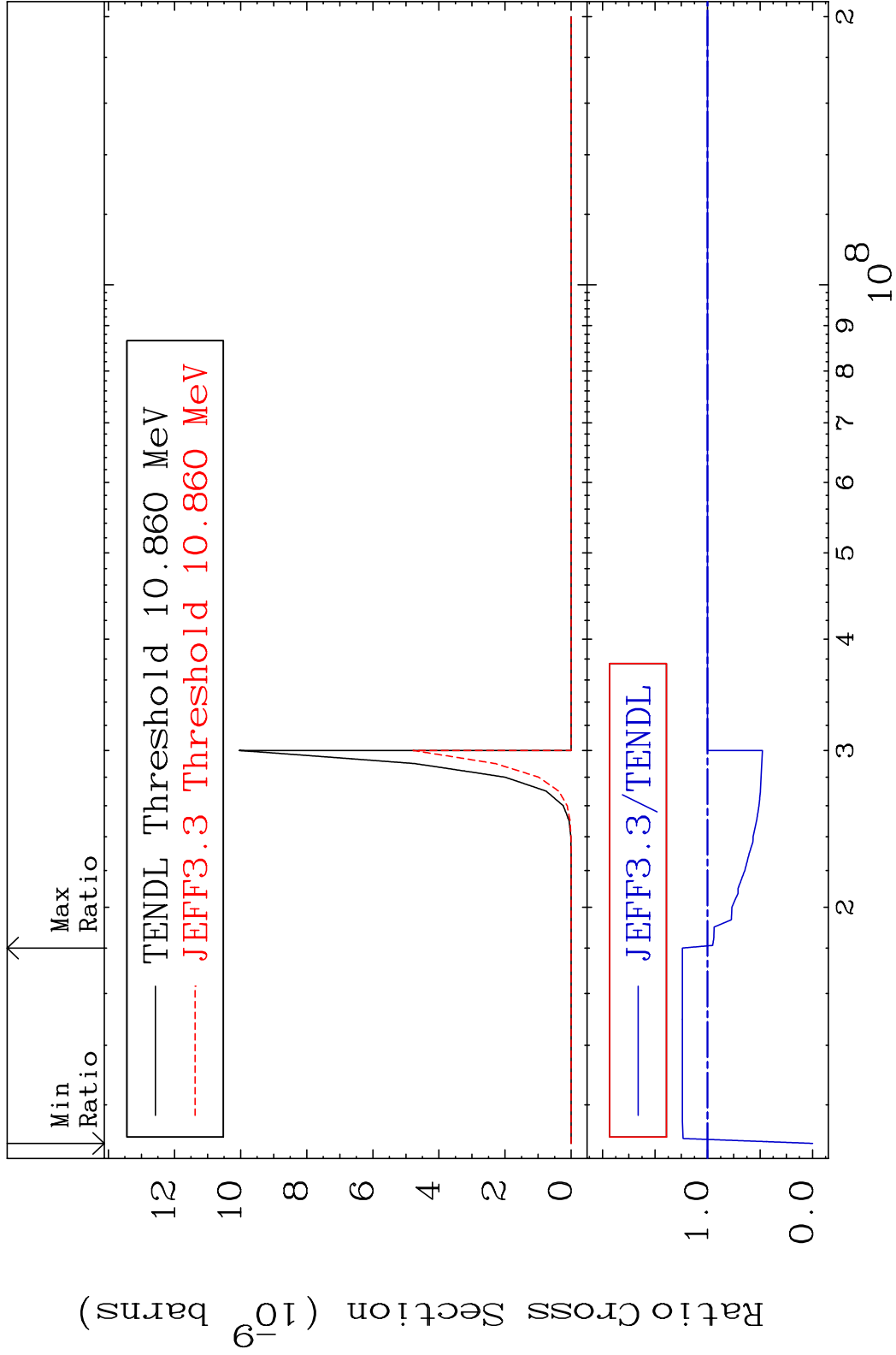
76-0s-186

MAT 7631

(n,p) t

76-0s-186

Cross Section -100.0 To 24.00 %

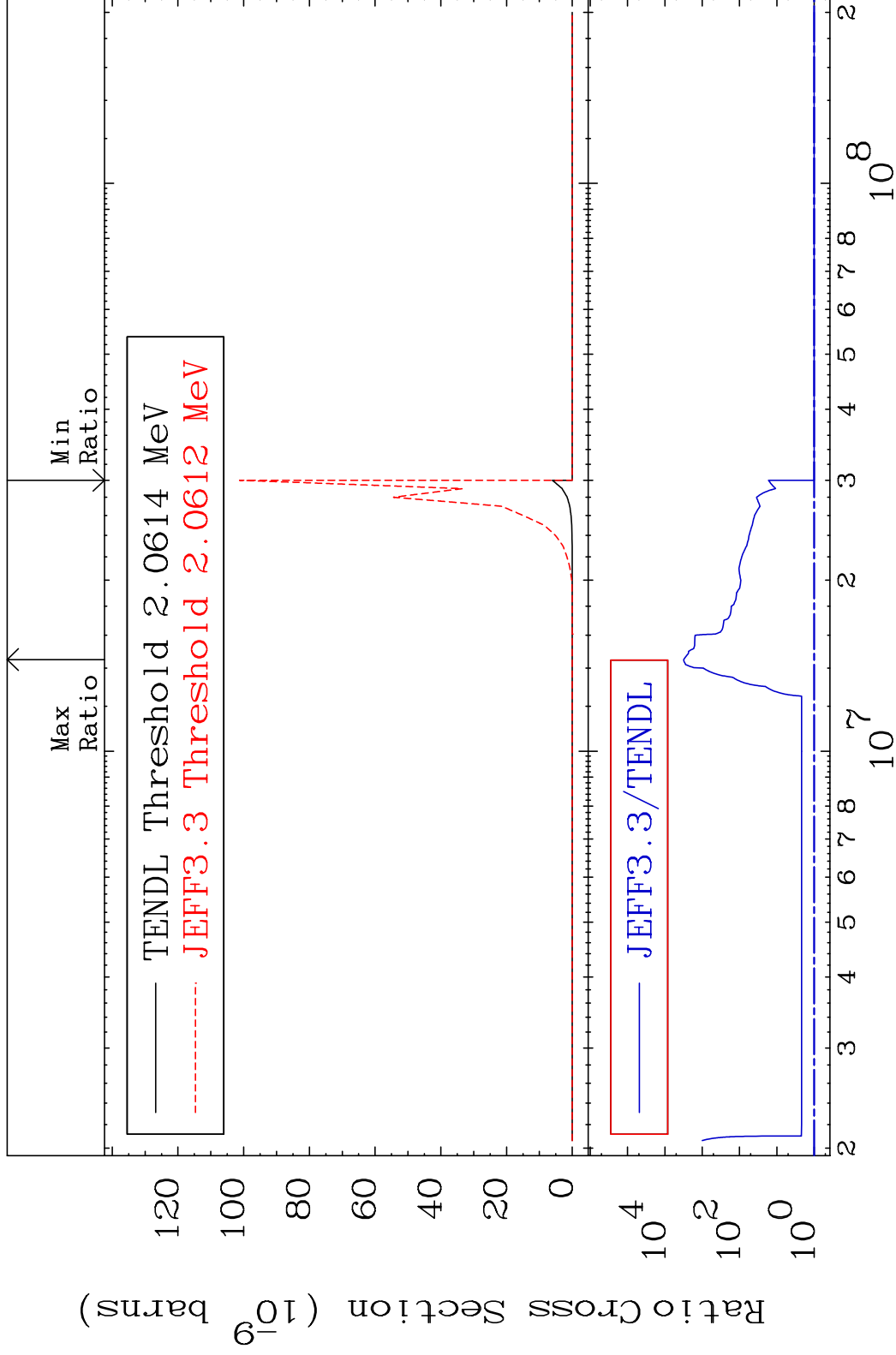


MAT 7631

(n,d) α

76-0s-186

Cross Section 0.000 To 9999. %

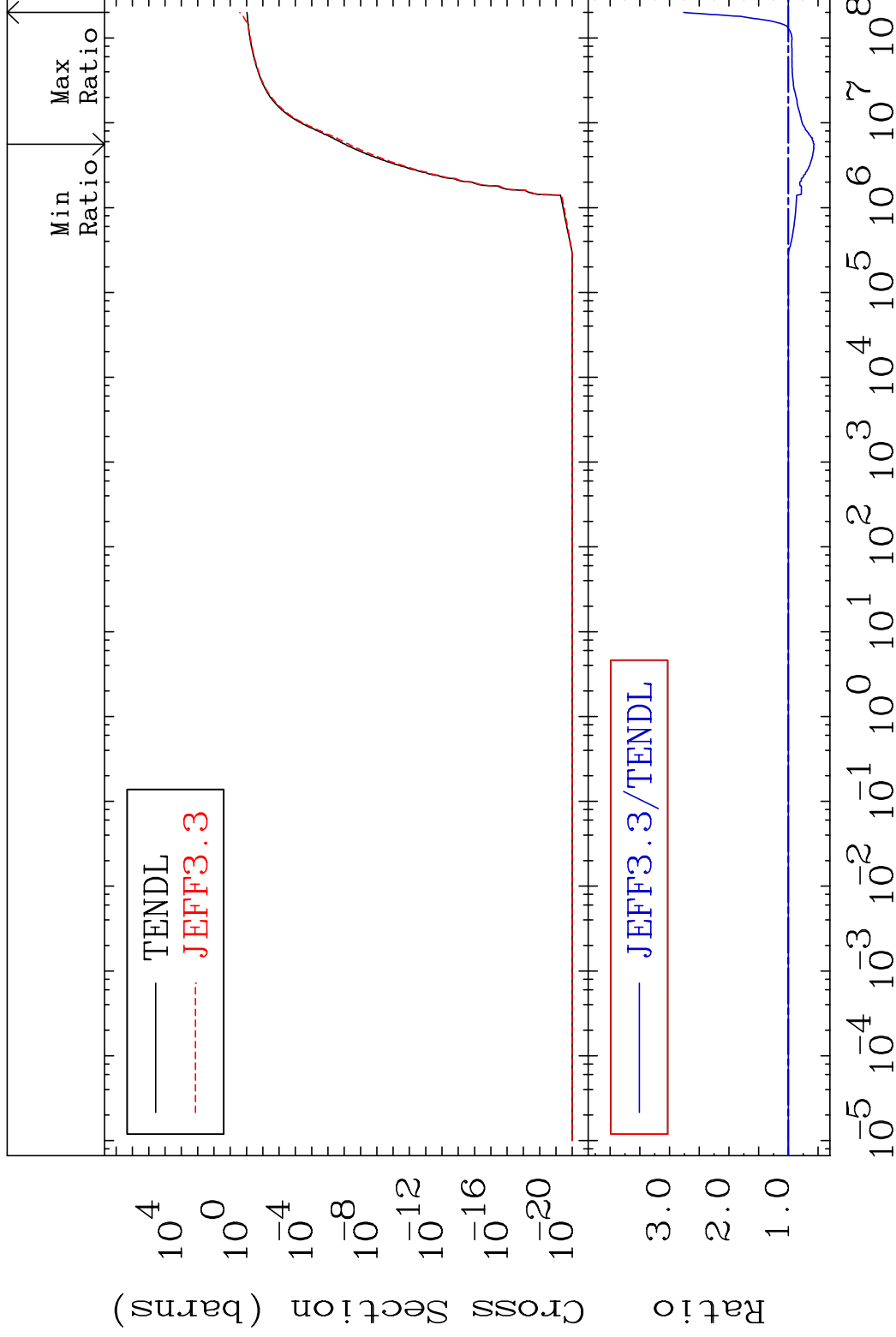


MAT 7631

Hydrogen Production

76-0s-186

Cross Section -43.39 To 176.1 %



54

Incident Energy (eV)

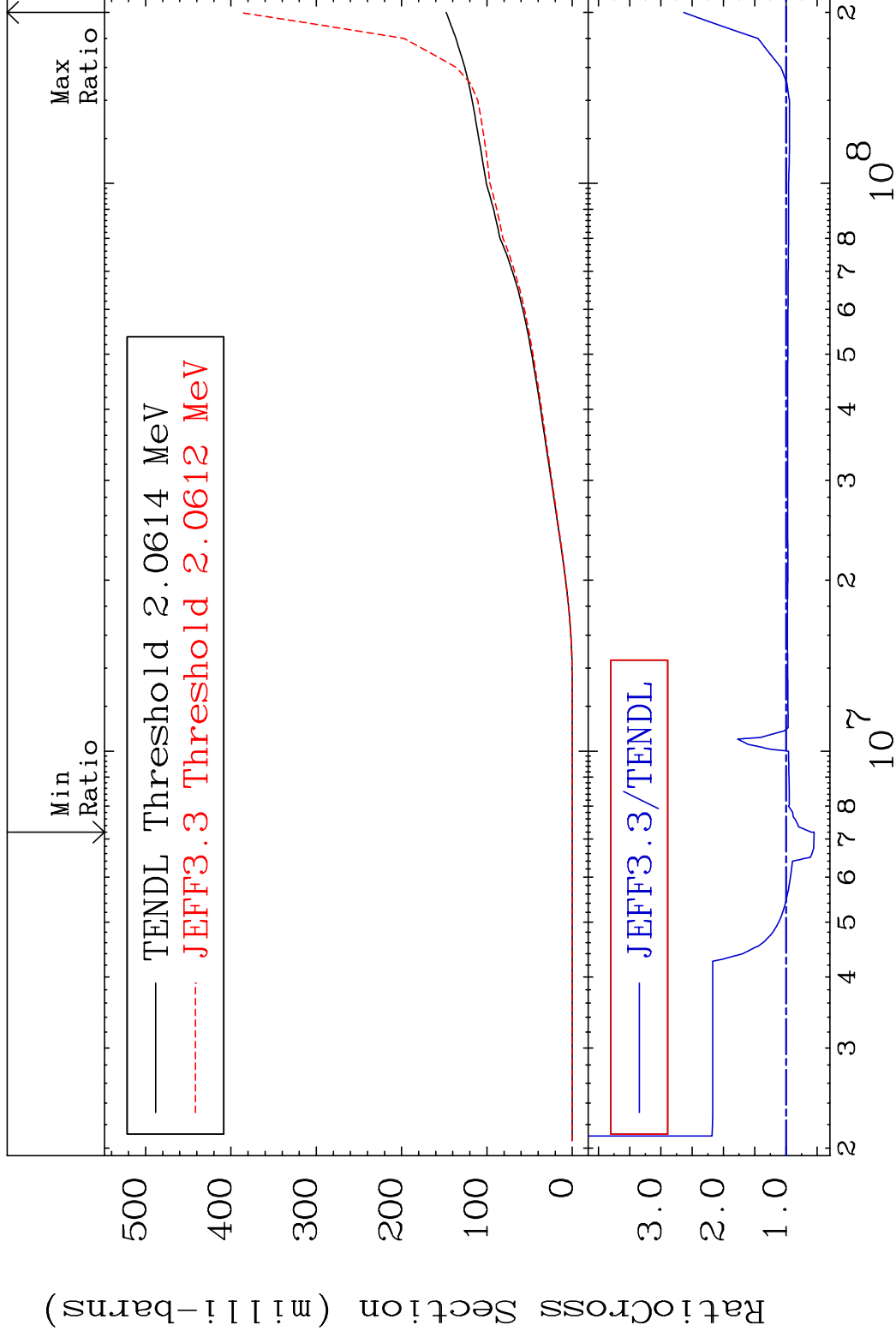
76-0s-186

MAT 7631

Deuterium Production

76-Os-186

Cross Section -45.03 To 163.7 %



55

Incident Energy (eV)

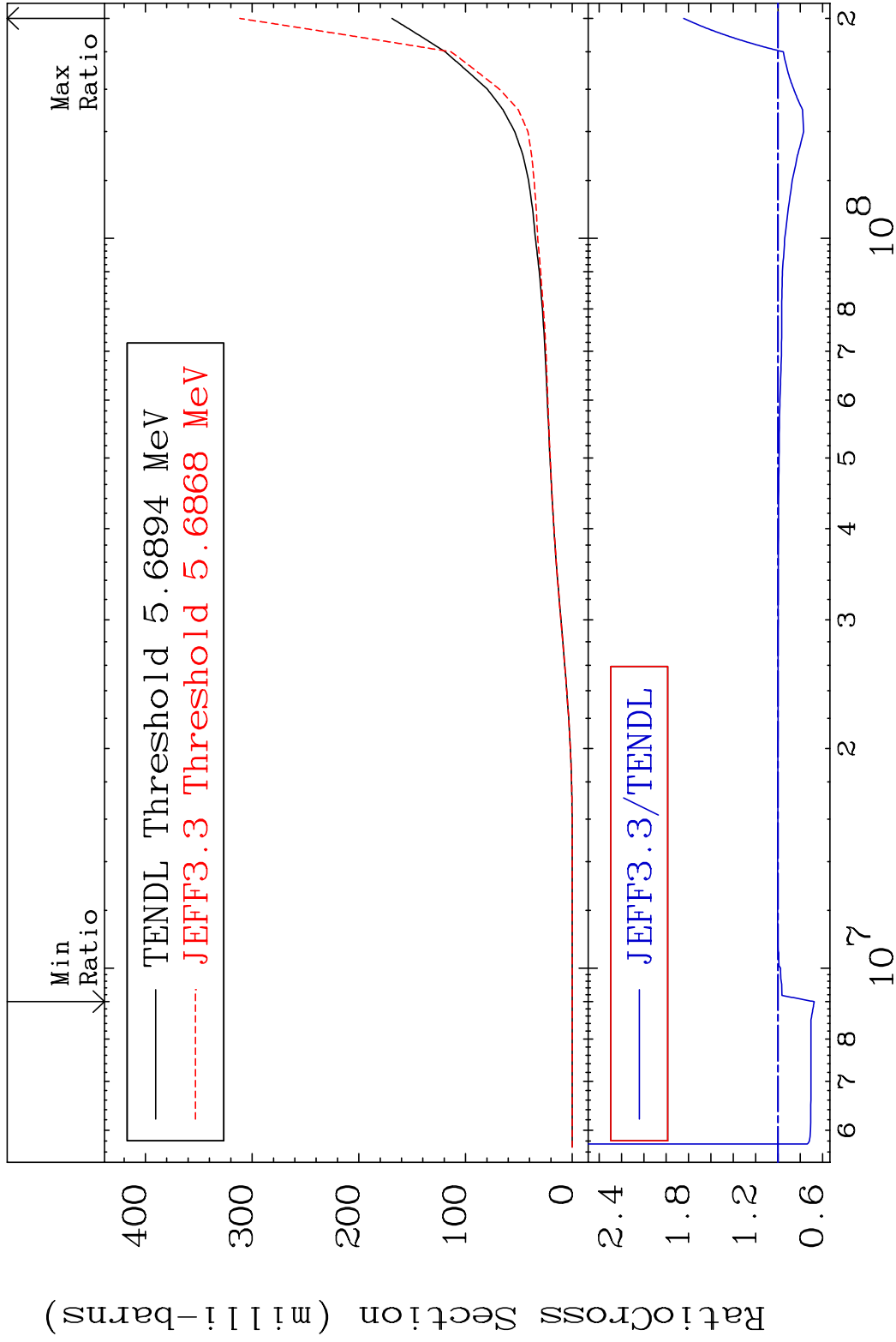
76-Os-186

MAT 7631

Tritium Production

76-Os-186

Cross Section -32.36 To 84.39 %



56

Incident Energy (eV)

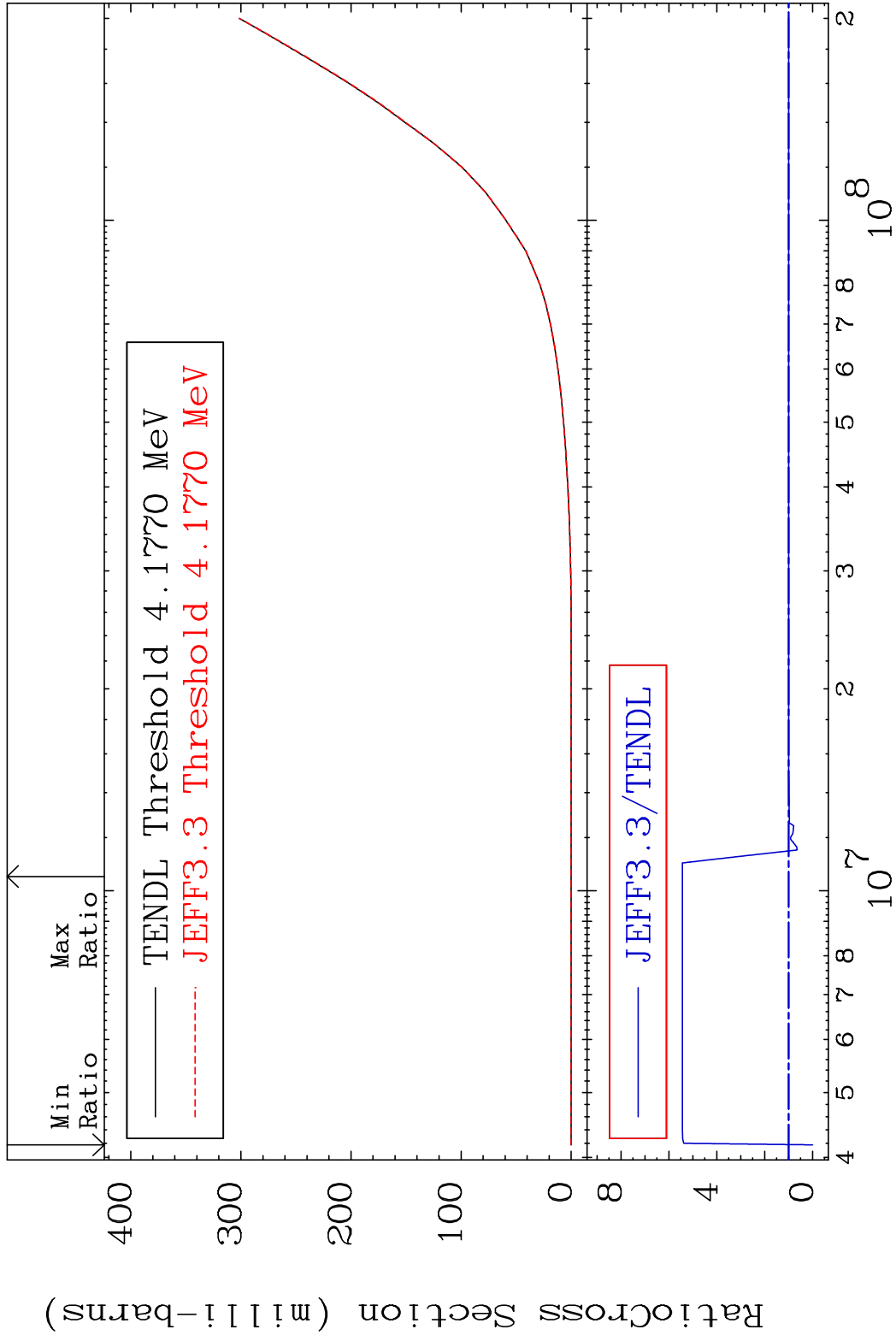
76-Os-186

MAT 7631

He-3 Production

76-Os-186

Cross Section -100.0 To 443.8 %



57

Incident Energy (eV)

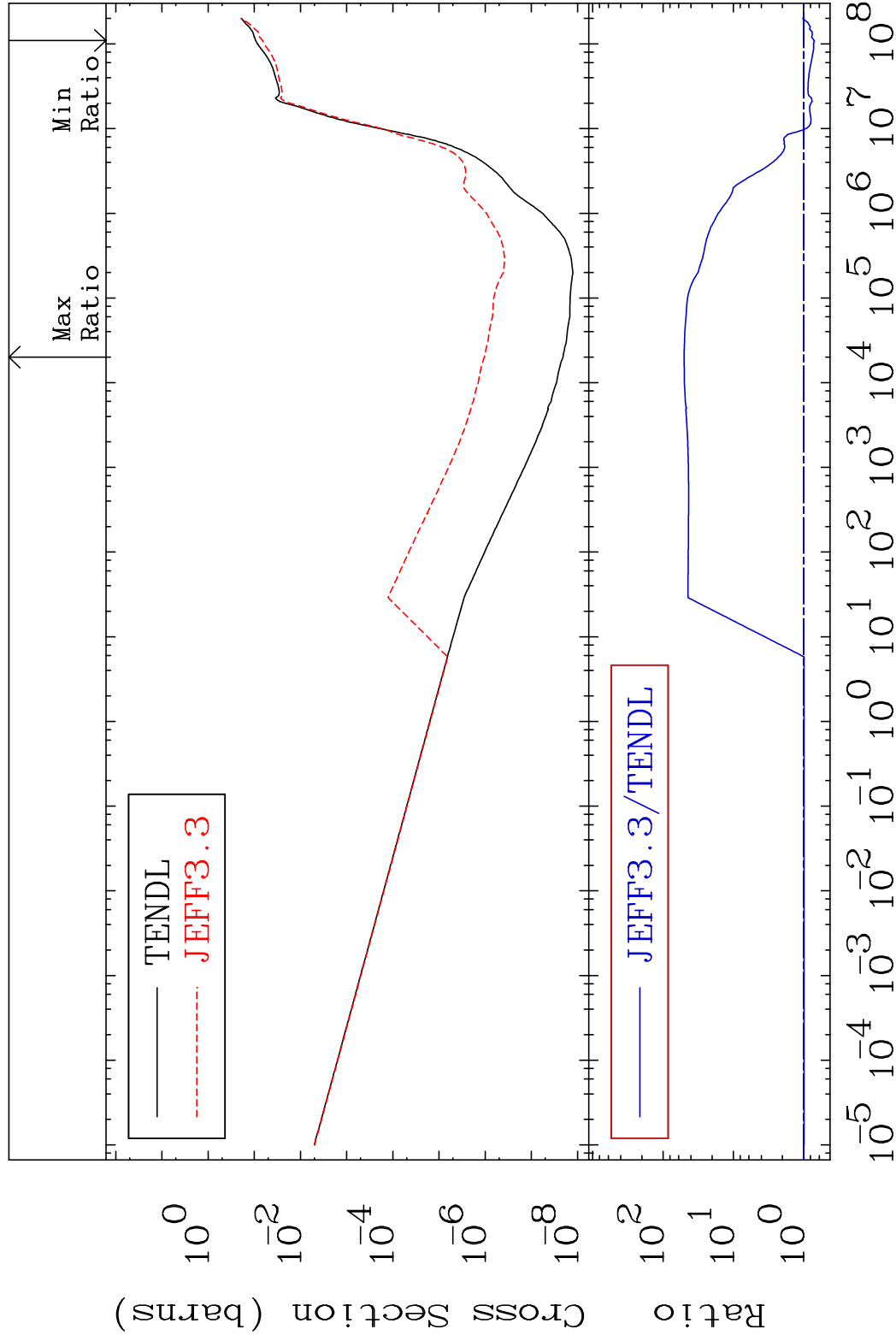
76-Os-186

MAT 7631

He-4 Production

76-Os-186

Cross Section -29.34 To 4924. %

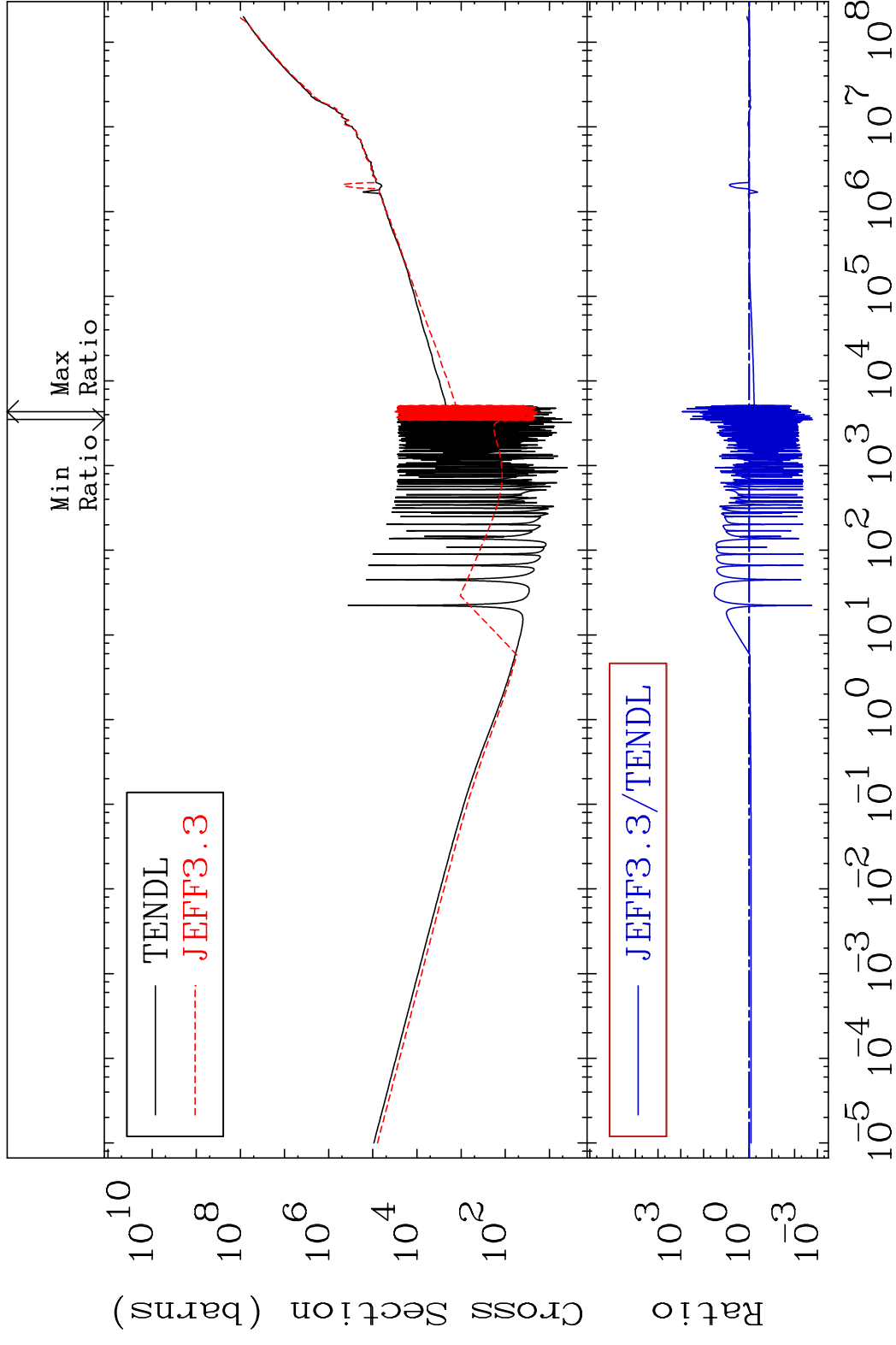


58

Incident Energy (eV)

76-Os-186

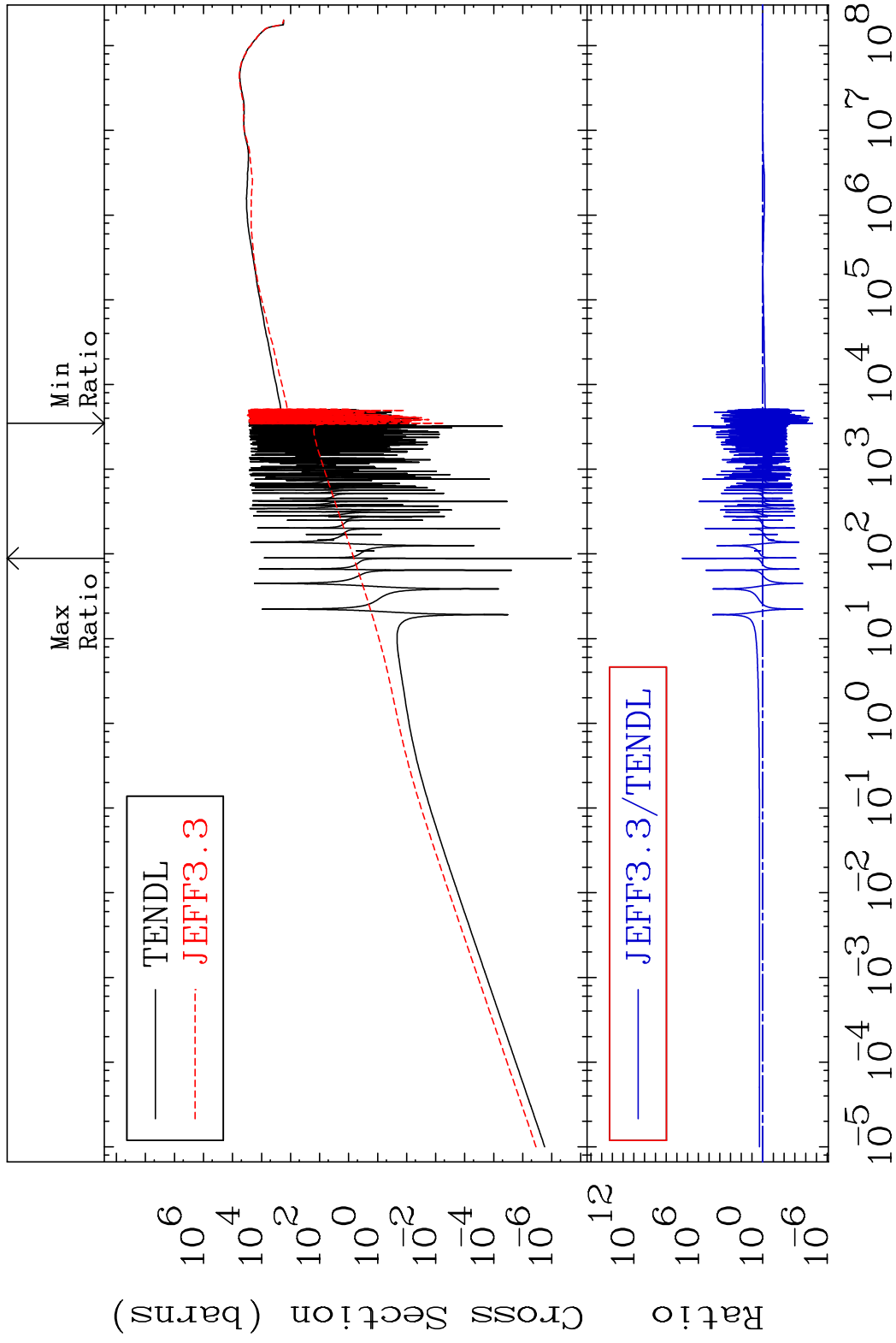
MAT 7631 Kerma total (eV-barns) 76-0s-186
 Cross Section -99.84 To 9999. %



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

MAT 7631

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

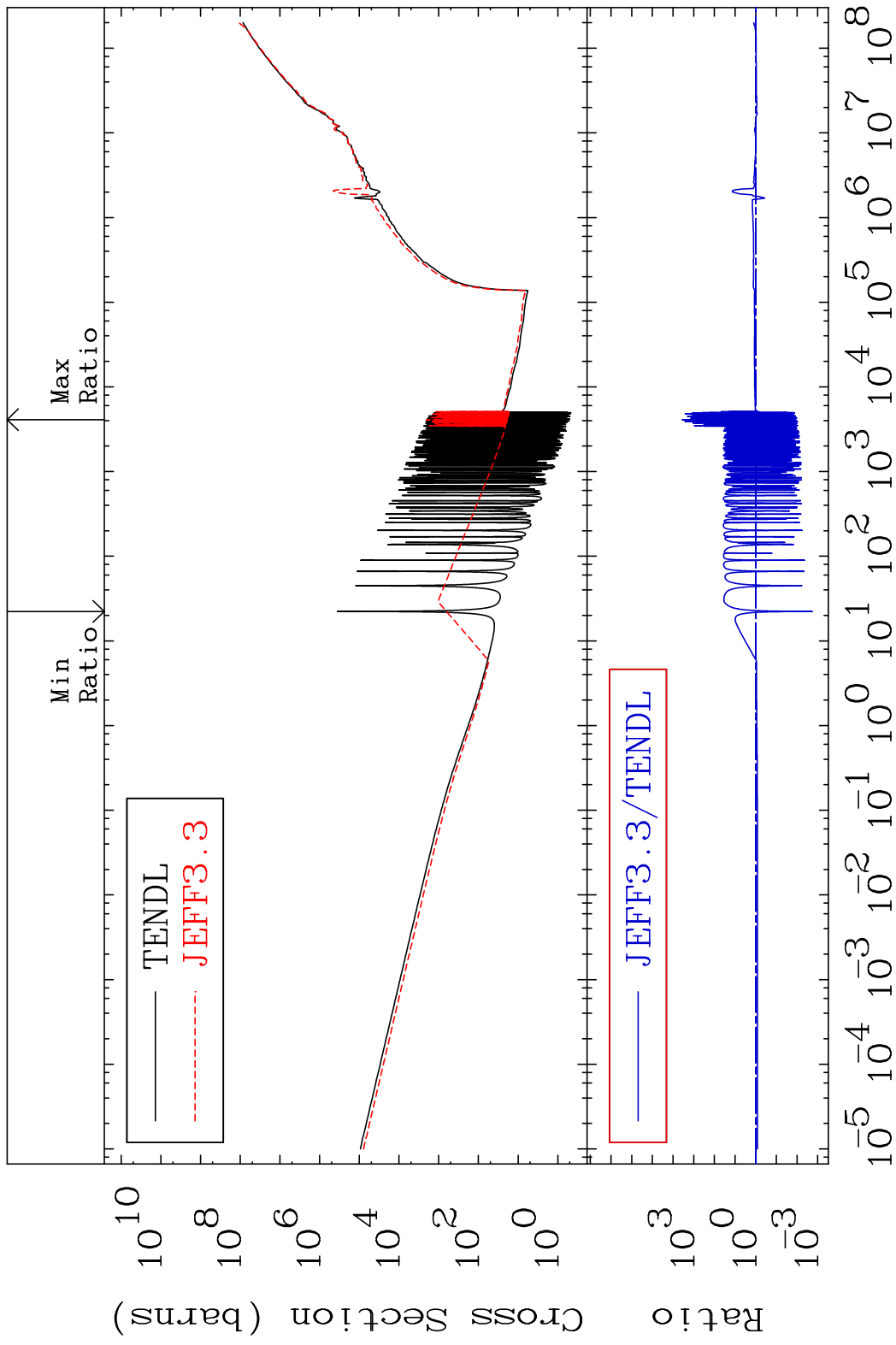


60

Incident Energy (eV)

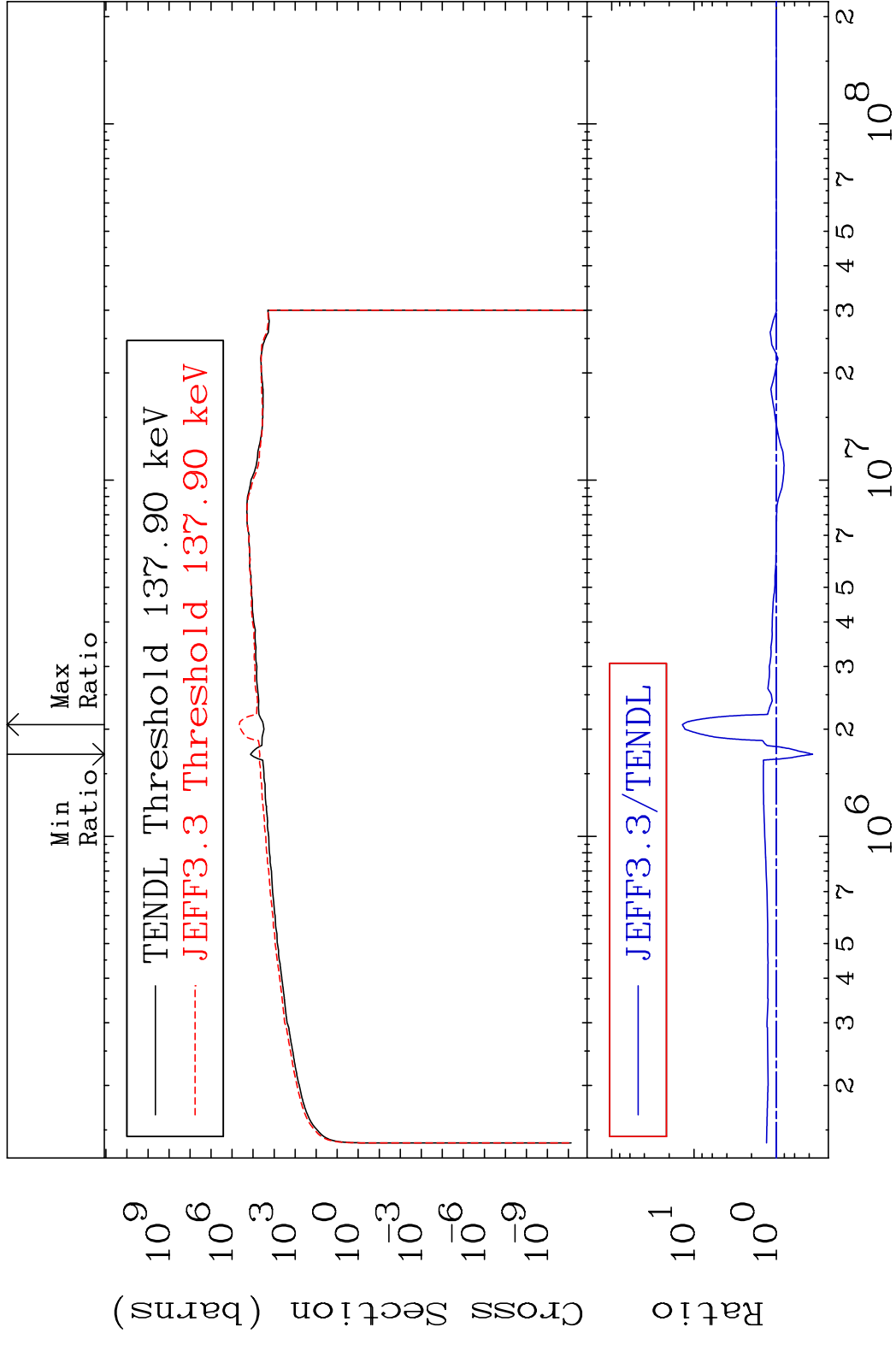
76-Os-186

MAT 7631 Kerma non-elastic (all but mt2) 76-Os-186
 Cross Section -99.82 To 9999. %

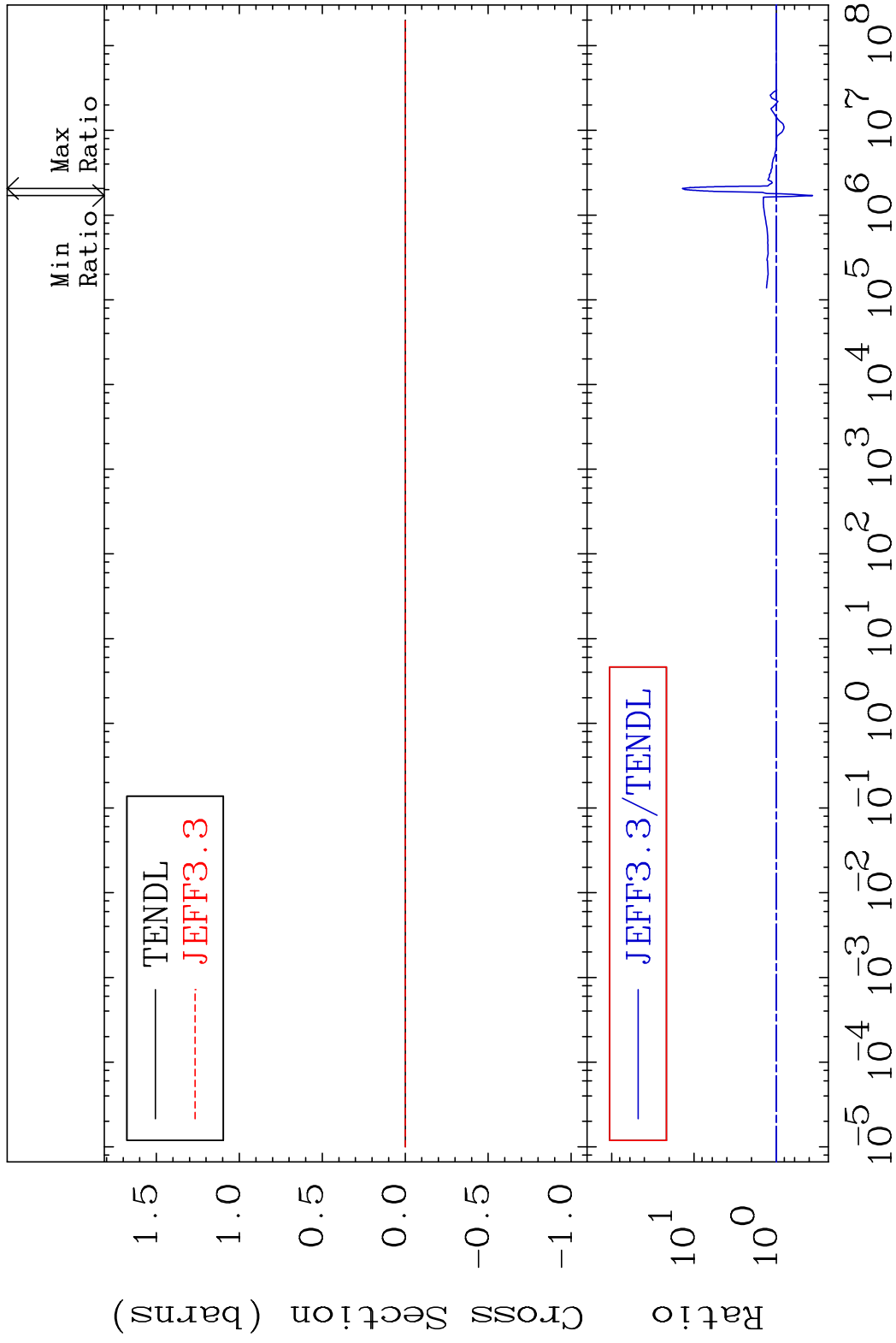


61 Incident Energy (eV) 76-Os-186

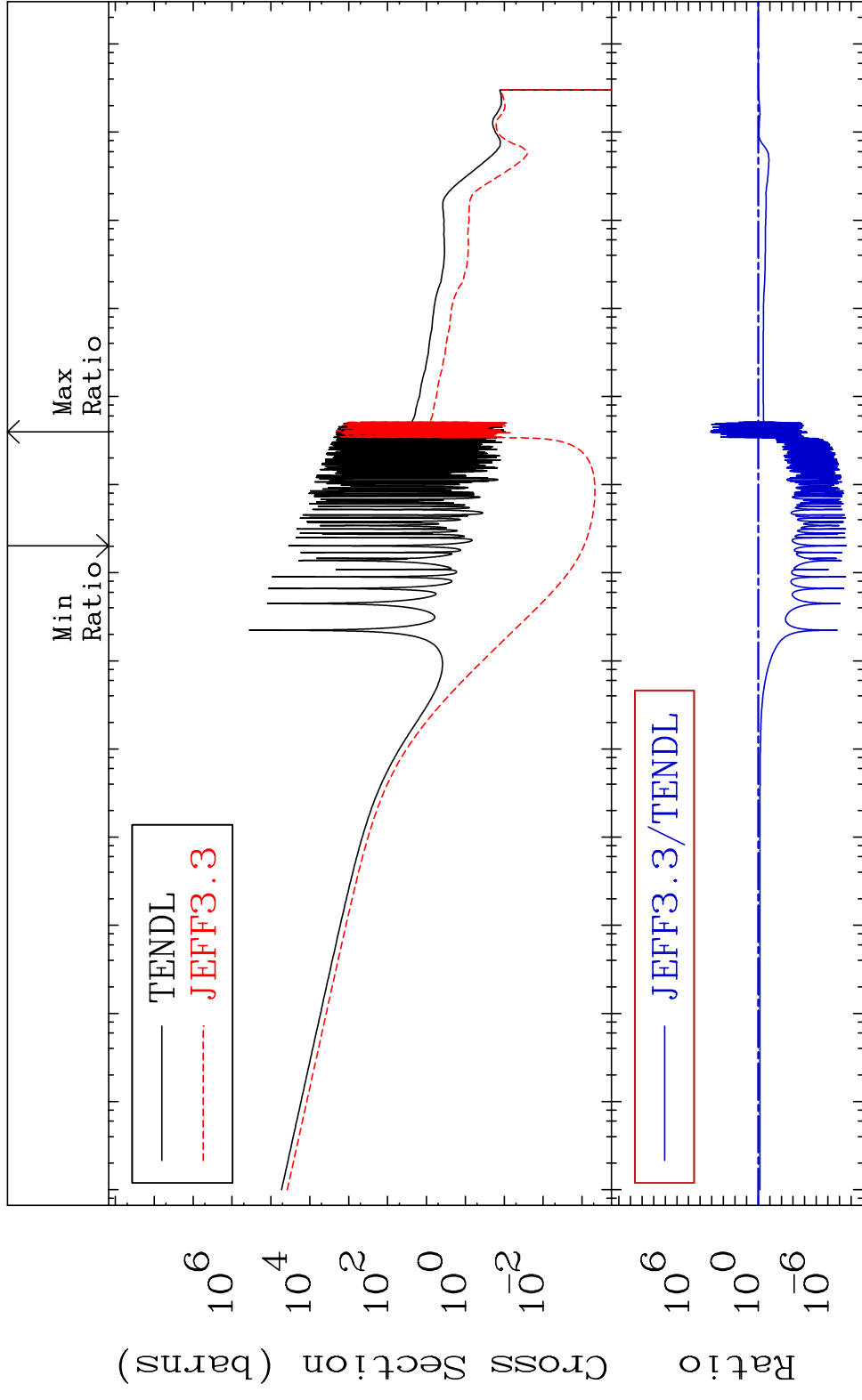
MAT 7631 Kerma inelastic (mt51-91) 76-Os-186
 Cross Section -63.65 To 1285. %



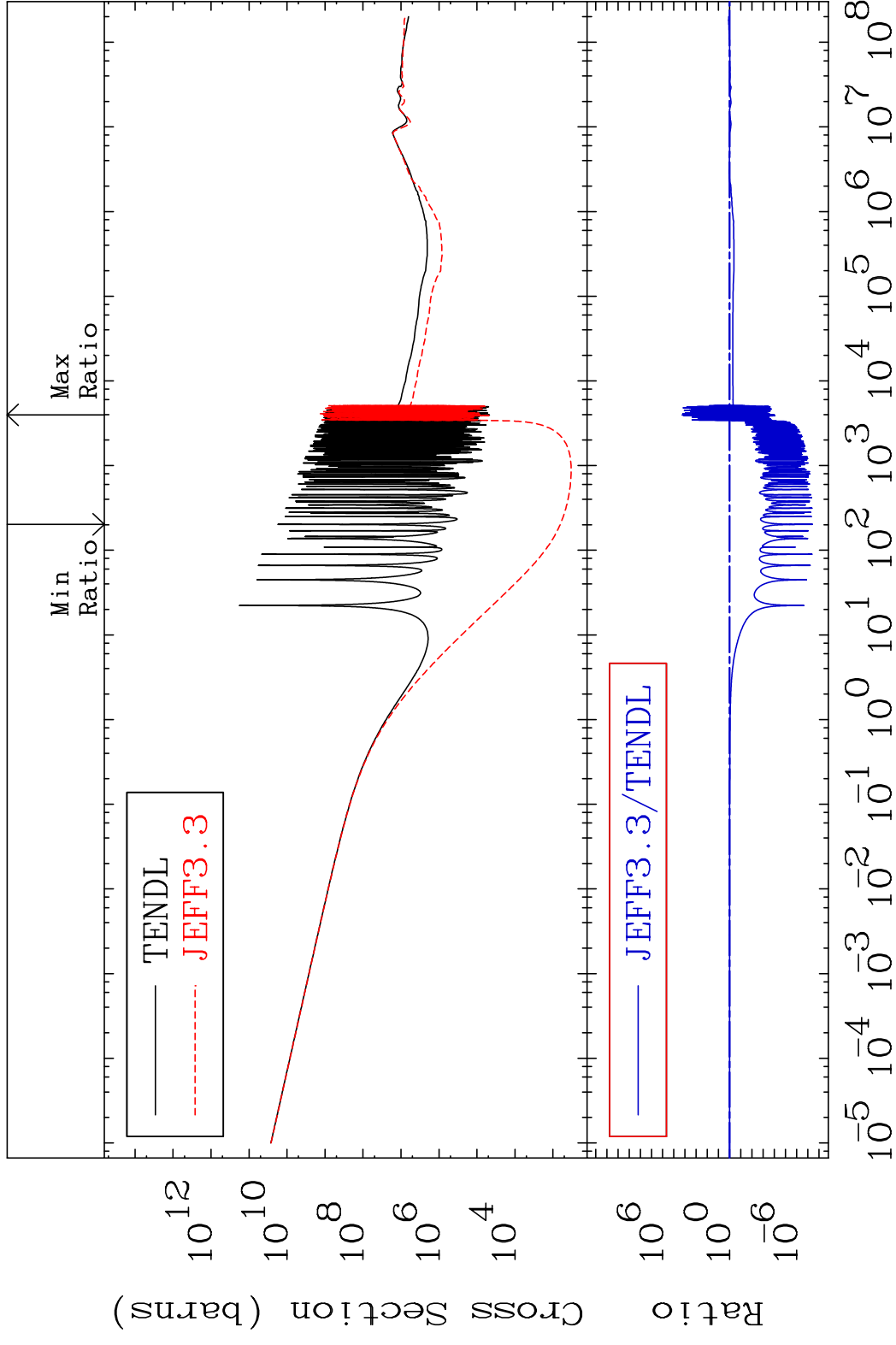
MAT 7631 Kerma fission (mt18 or mt19-20-21-38)76-0s-186
 Cross Section -63.65 To 1285. %



MAT 7631 Kerma capture (mt102) 76-Os-186
 Cross Section -100.0 To 9999. %

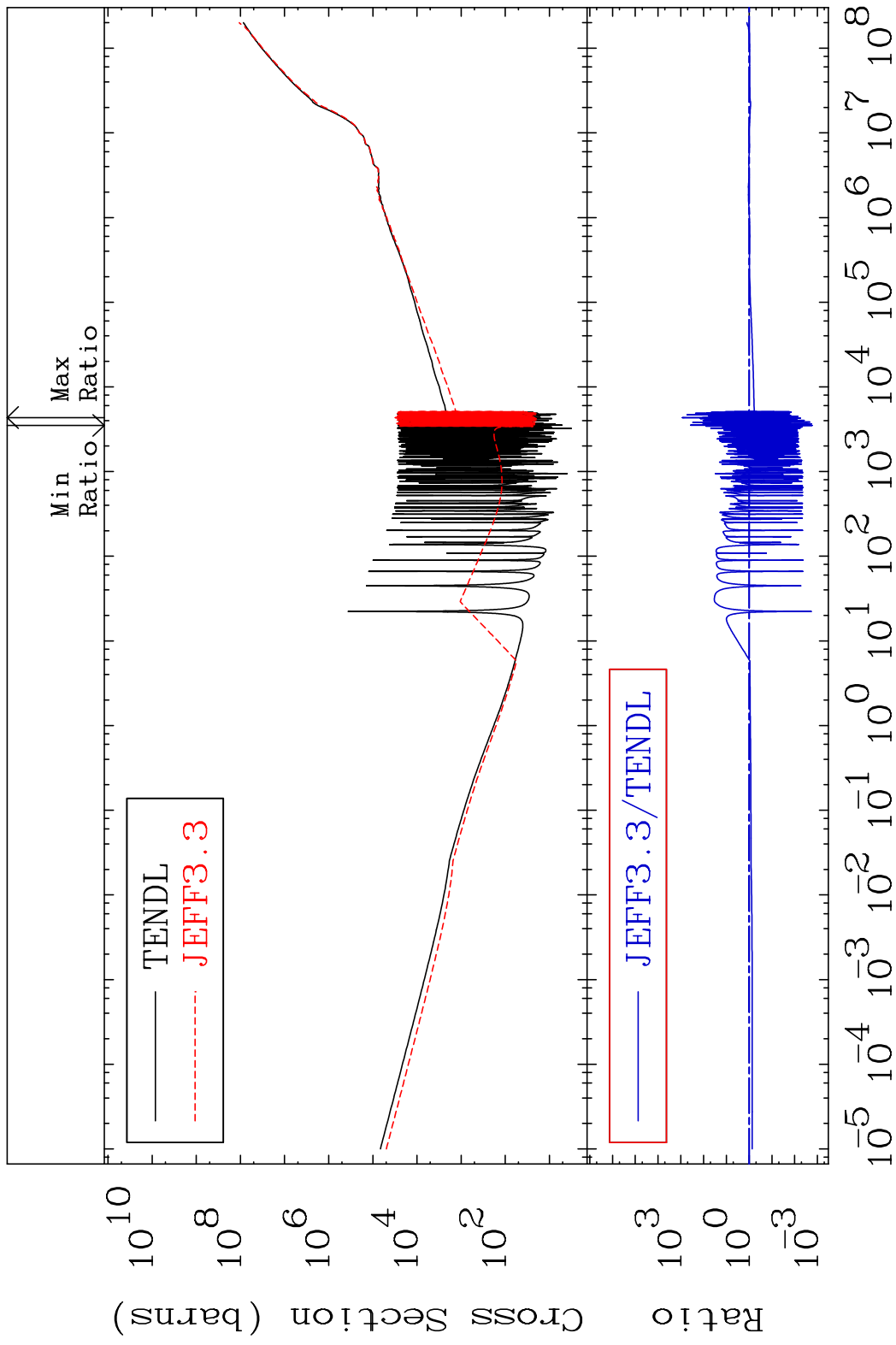


MAT 7631 Total photon (eV-barns) 76-0s-186
 Cross Section -100.0 To 9999. %

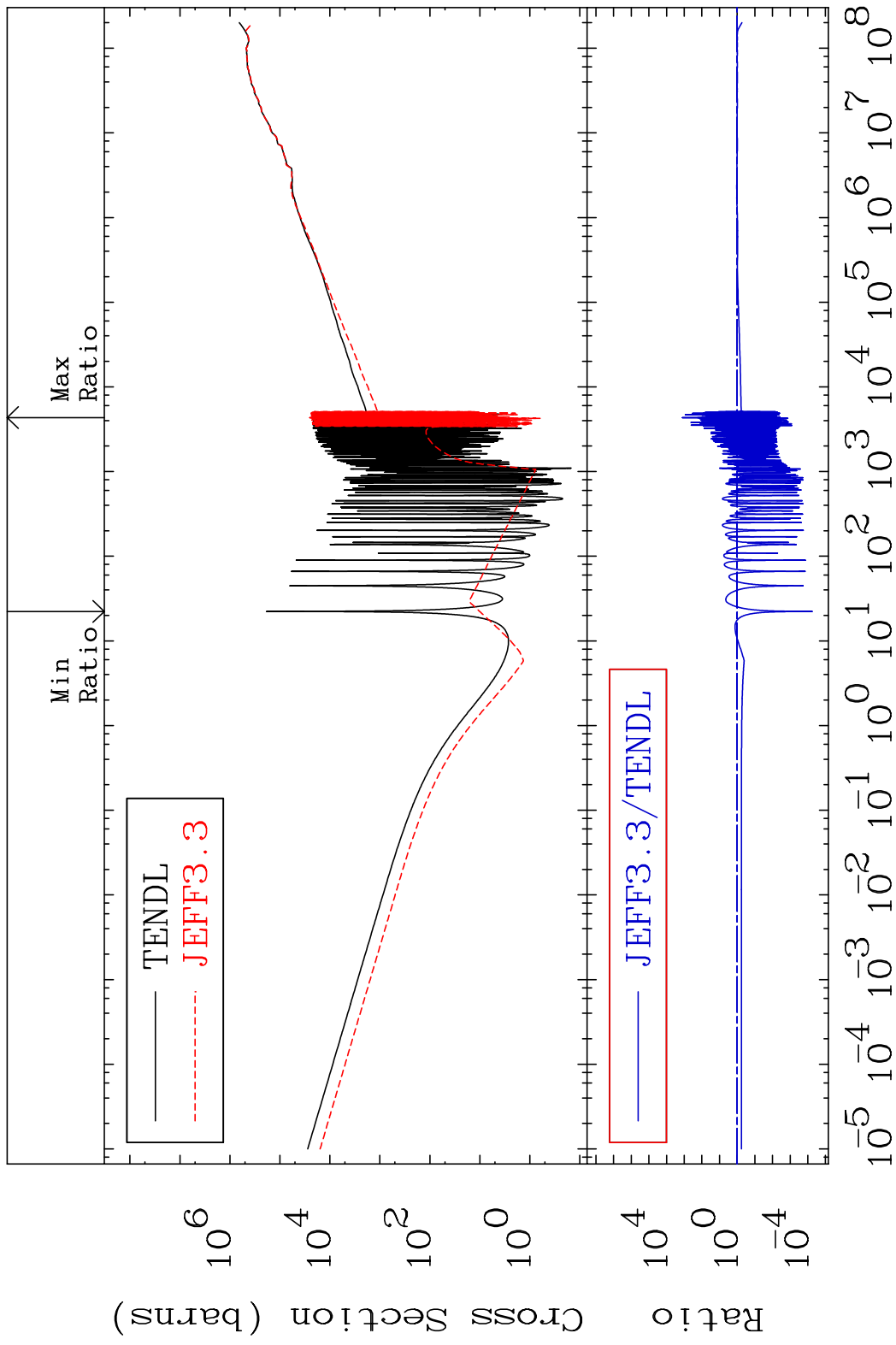


65 Incident Energy (eV) 76-0s-186

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



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



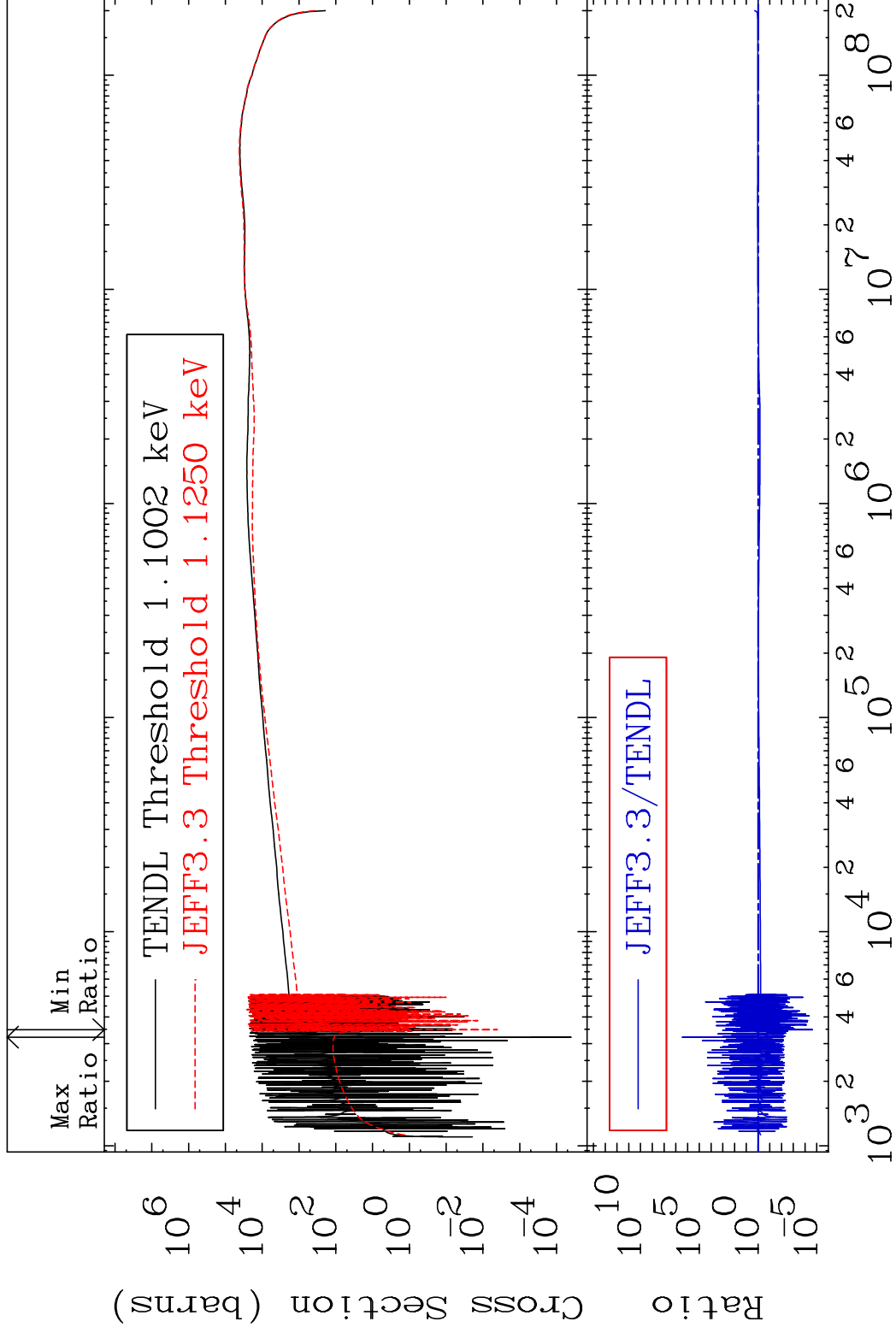
67 Incident Energy (eV) 76-0s-186

MAT 7631

Dpa elastic (mt2)

76-Os-186

Cross Section -100.0 To 9999. %

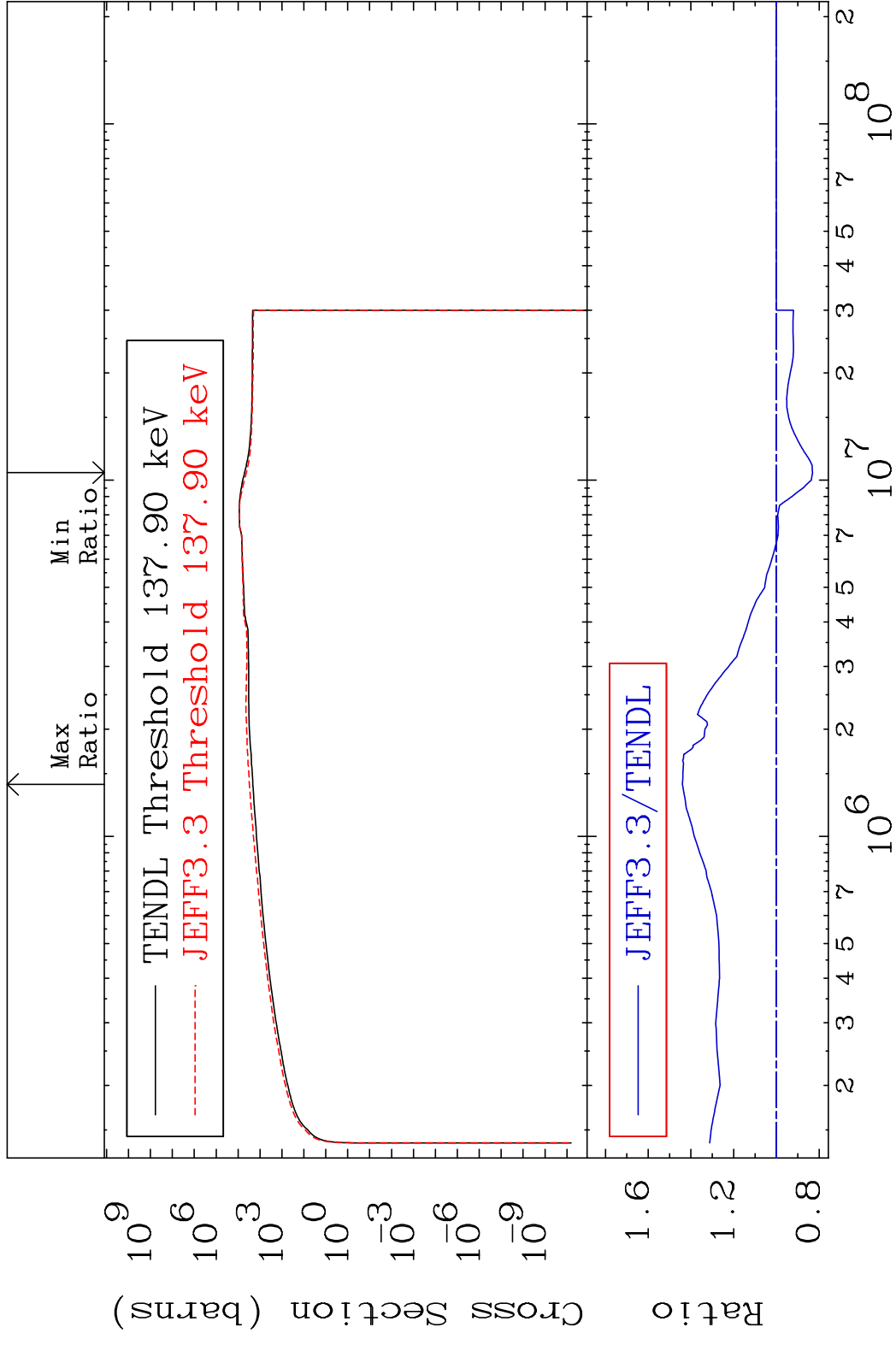


68

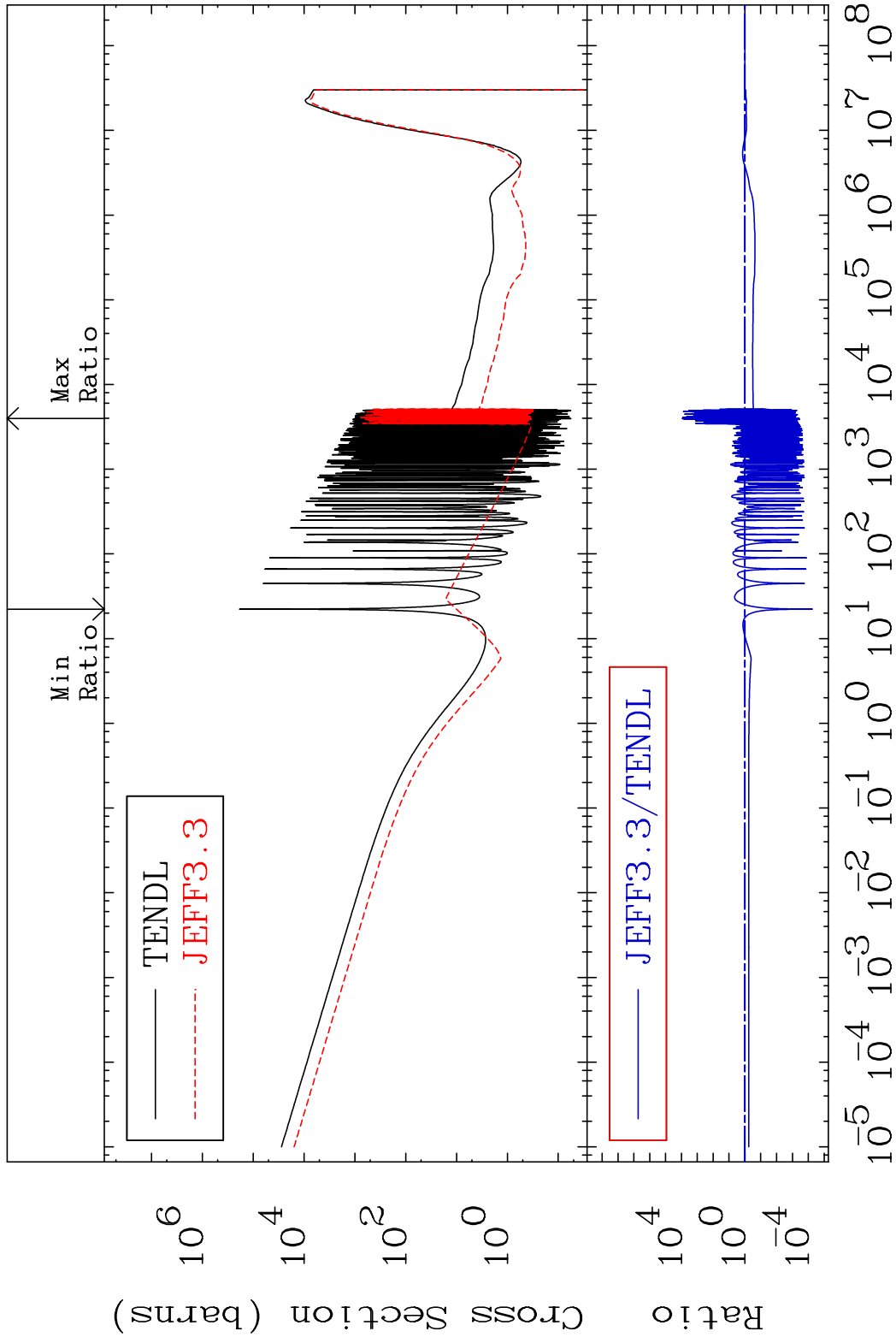
Incident Energy (eV)

76-Os-186

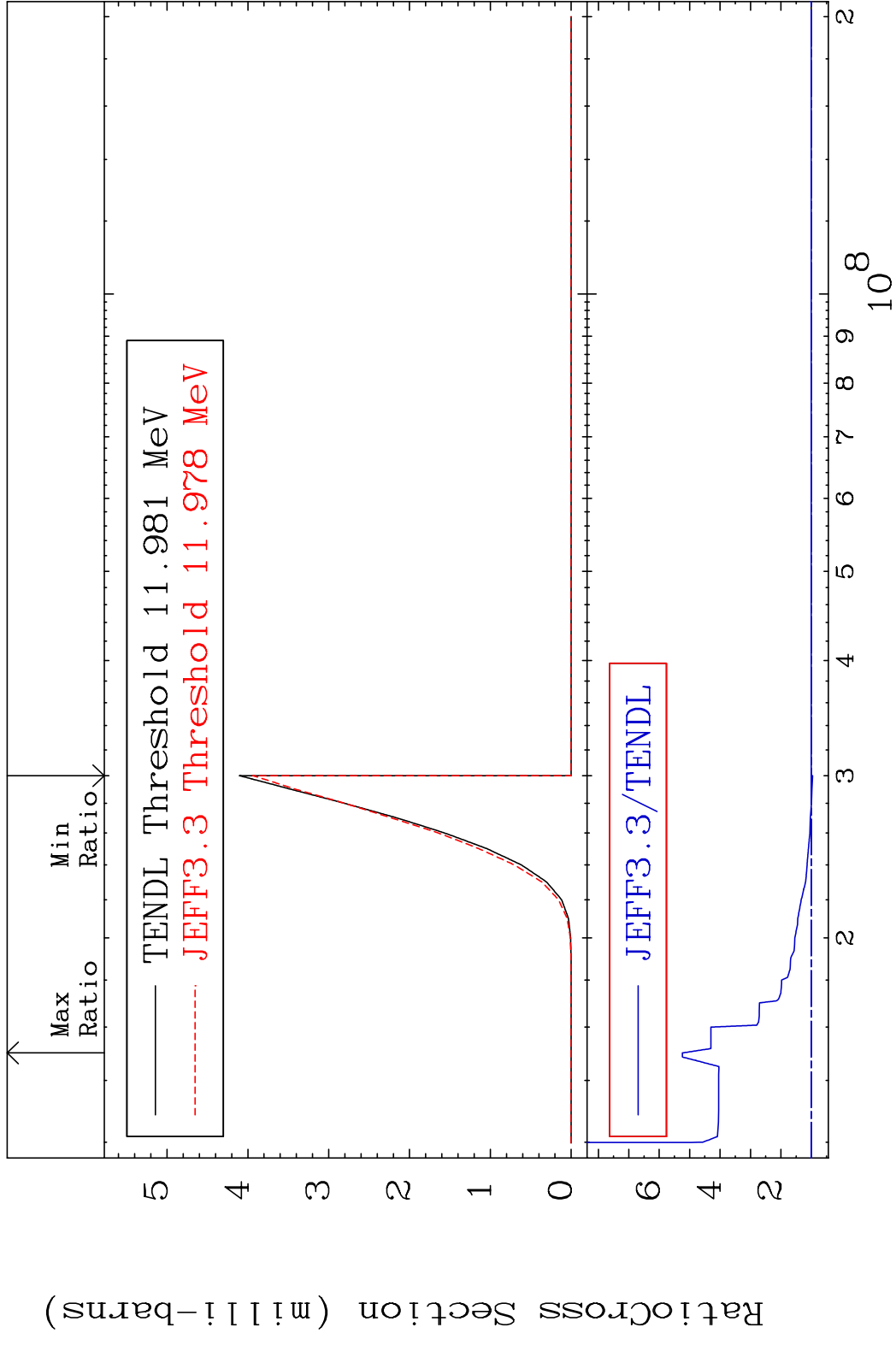
MAT 7631 Dpa inelastic (mt51-91) 76-0s-186
 Cross Section -16.93 To 44.02 %

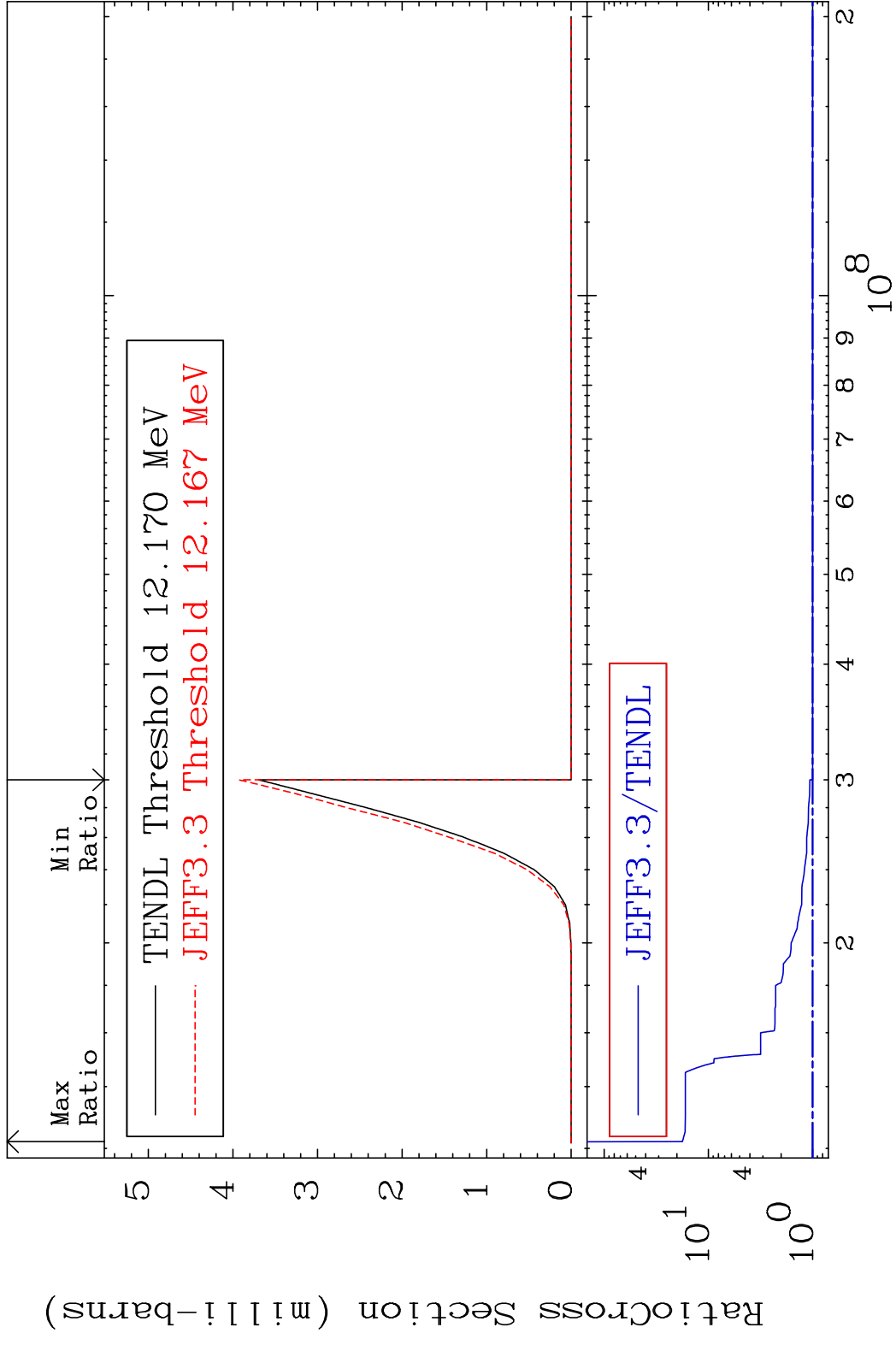


MAT 7631 Dpa disappearance (mt102 -120) 76-0s-186
 Cross Section -99.99 To 9999. %

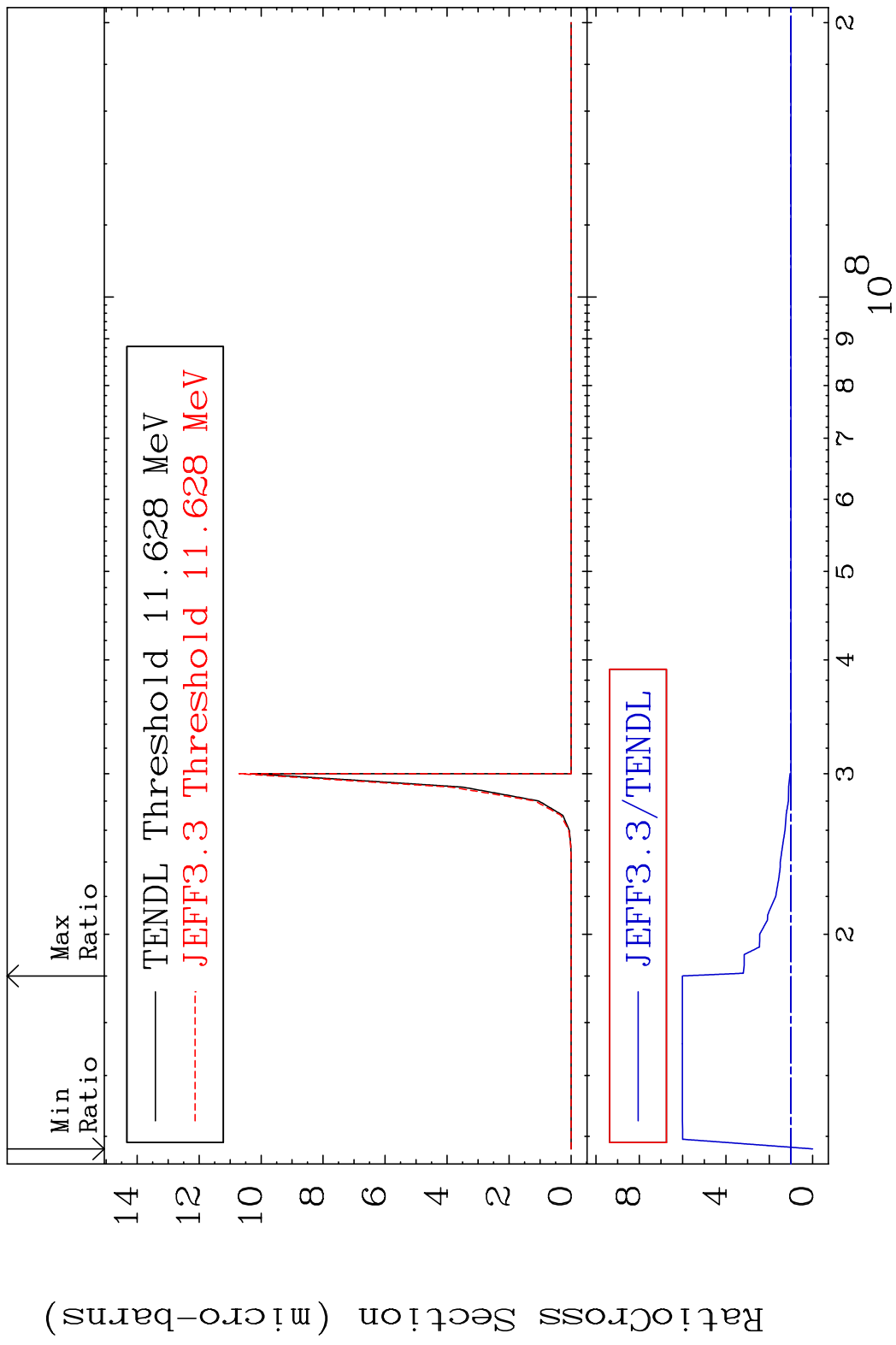


70 Incident Energy (eV) 76-0s-186

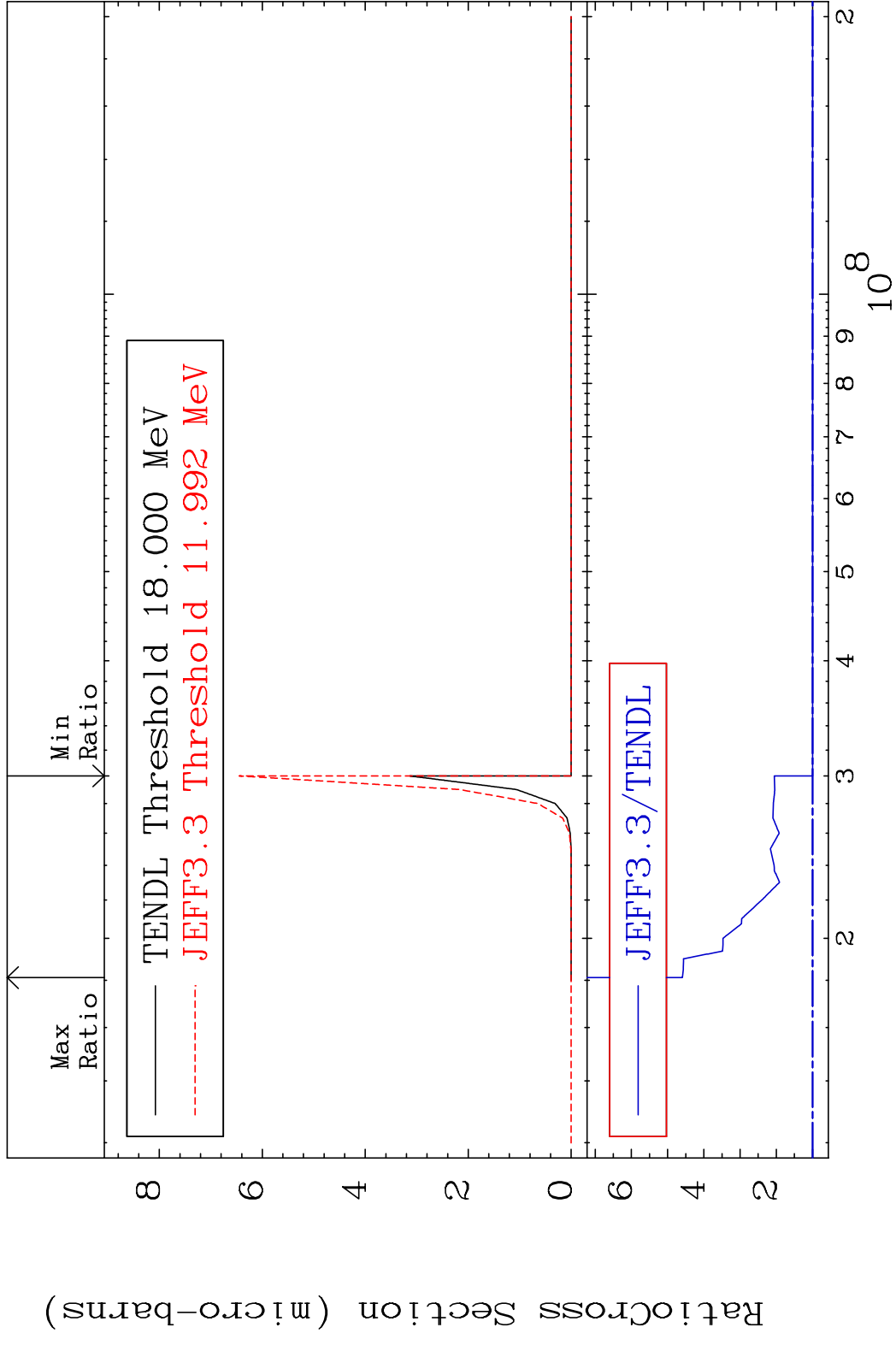




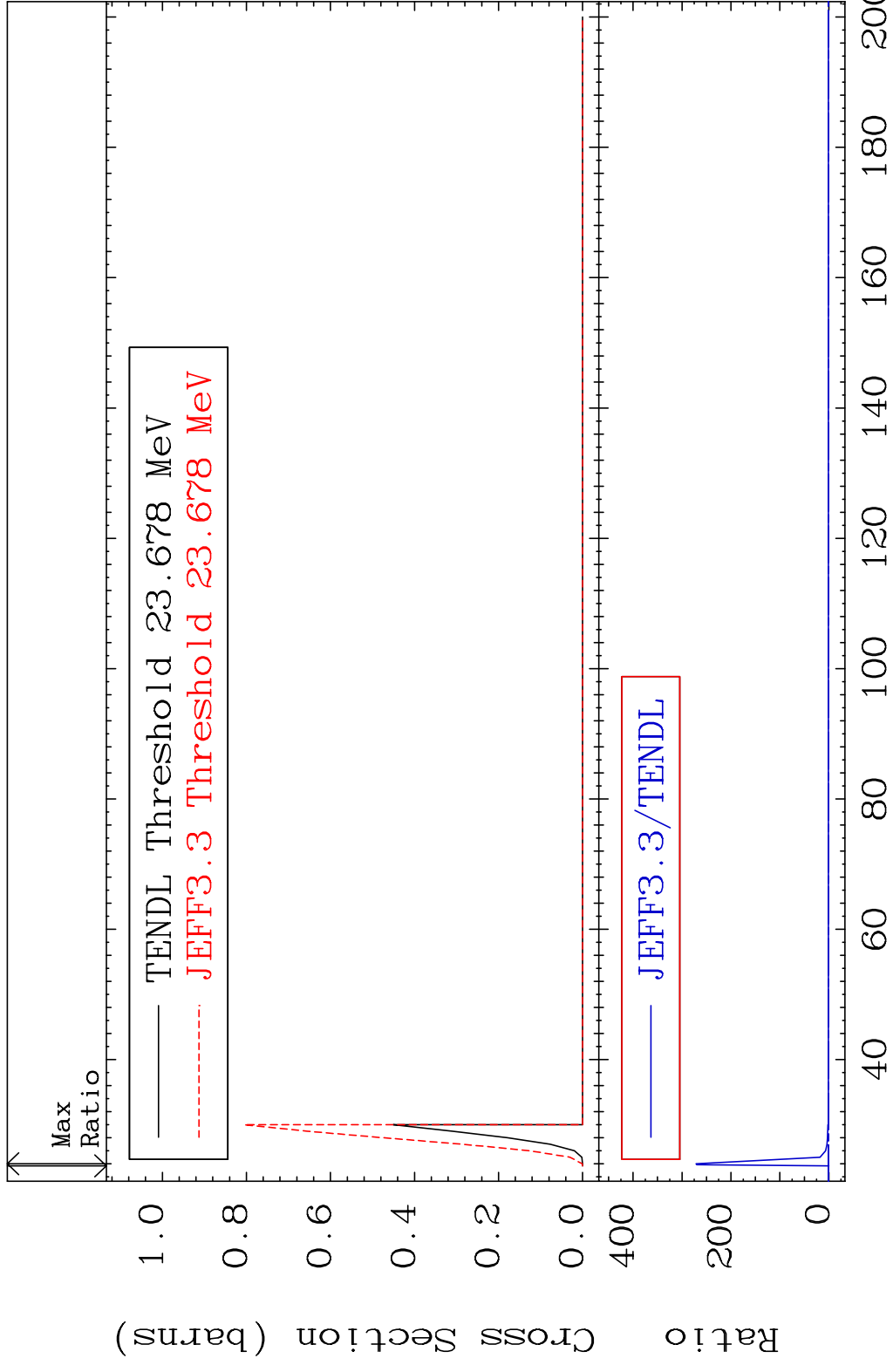
MAT 7631 (n, n') He-3:74-W -183g 76-0s-186
 Radionuclide Production Cross Section 500.8 %



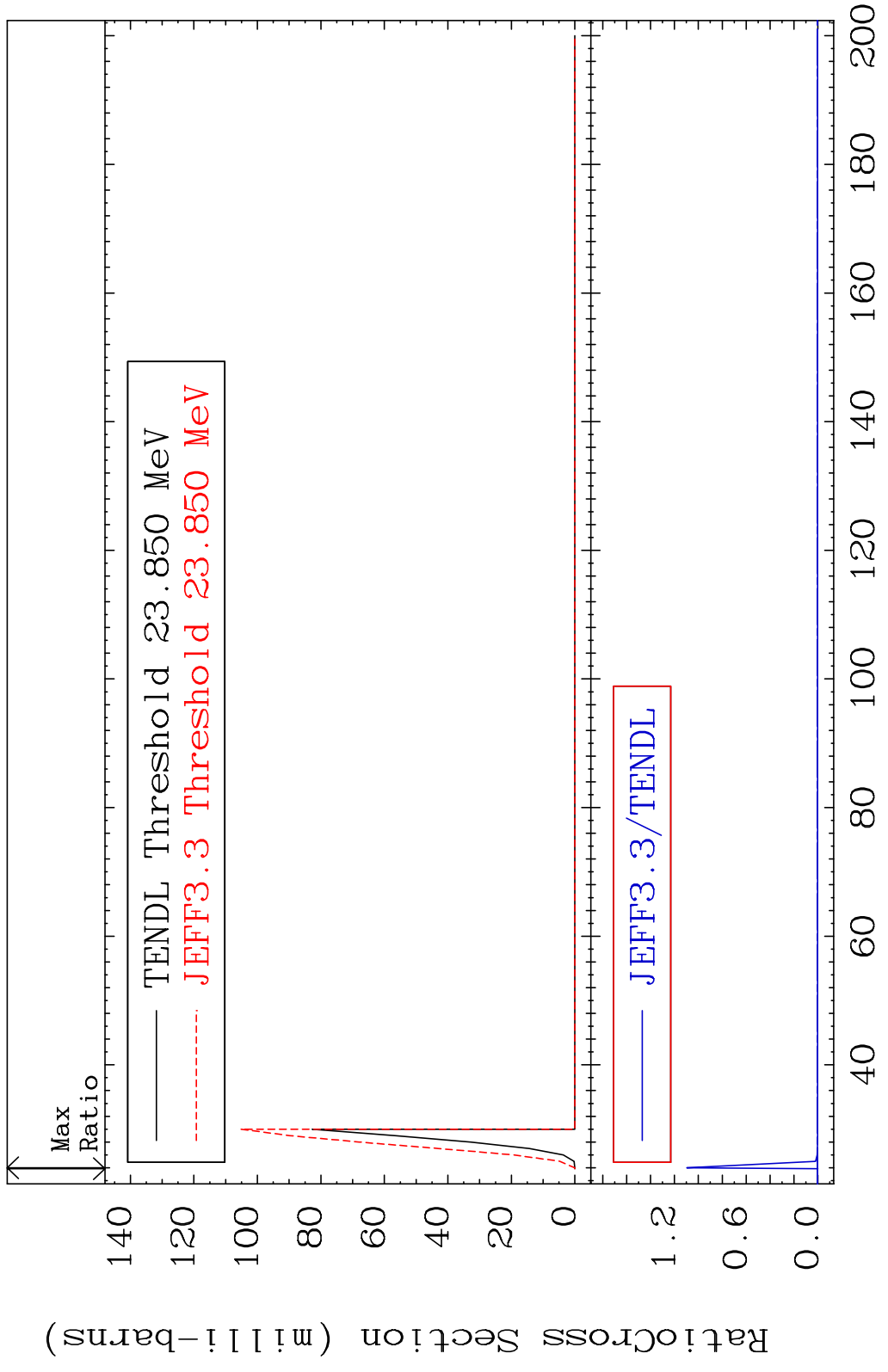
MAT 7631 (n, n') He-3:74-W -183m7 76-0s-186
 Radionuclide Production Cross Section 359.4 %



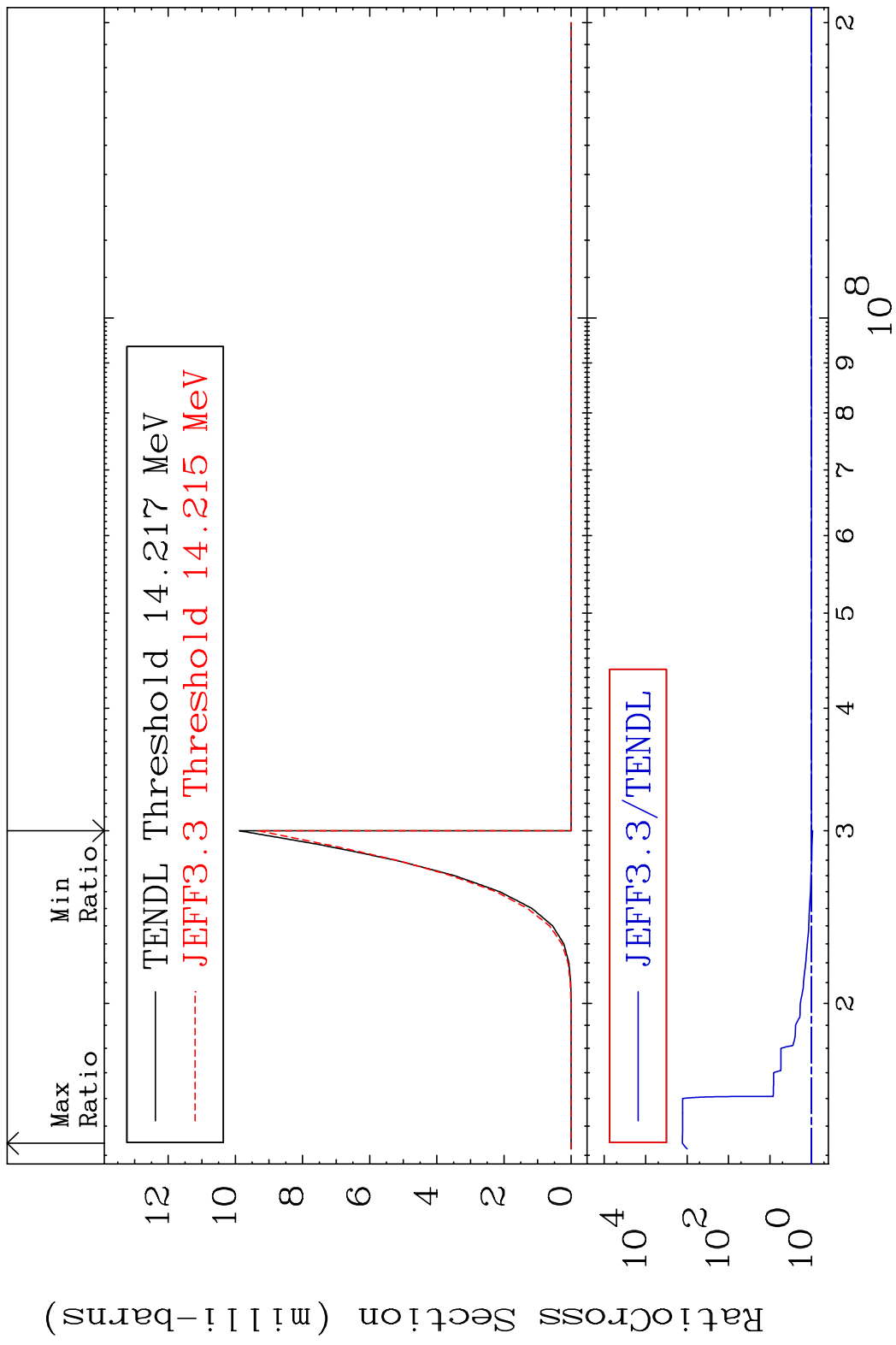
MAT 7631 (n,4n):76-0s-183g 76-0s-186
 Radionuclide Production Cross Section Ratio 9999. %

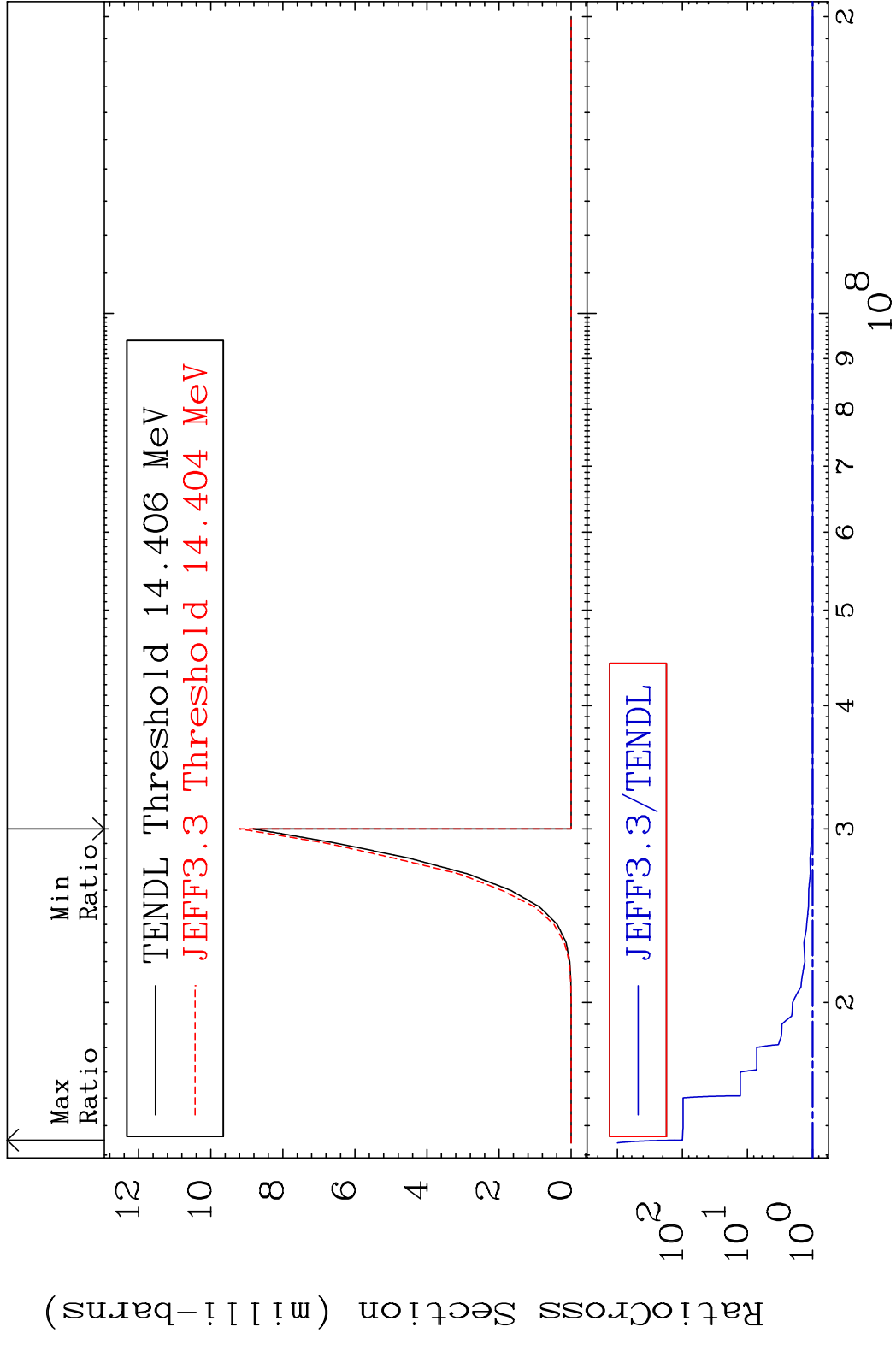


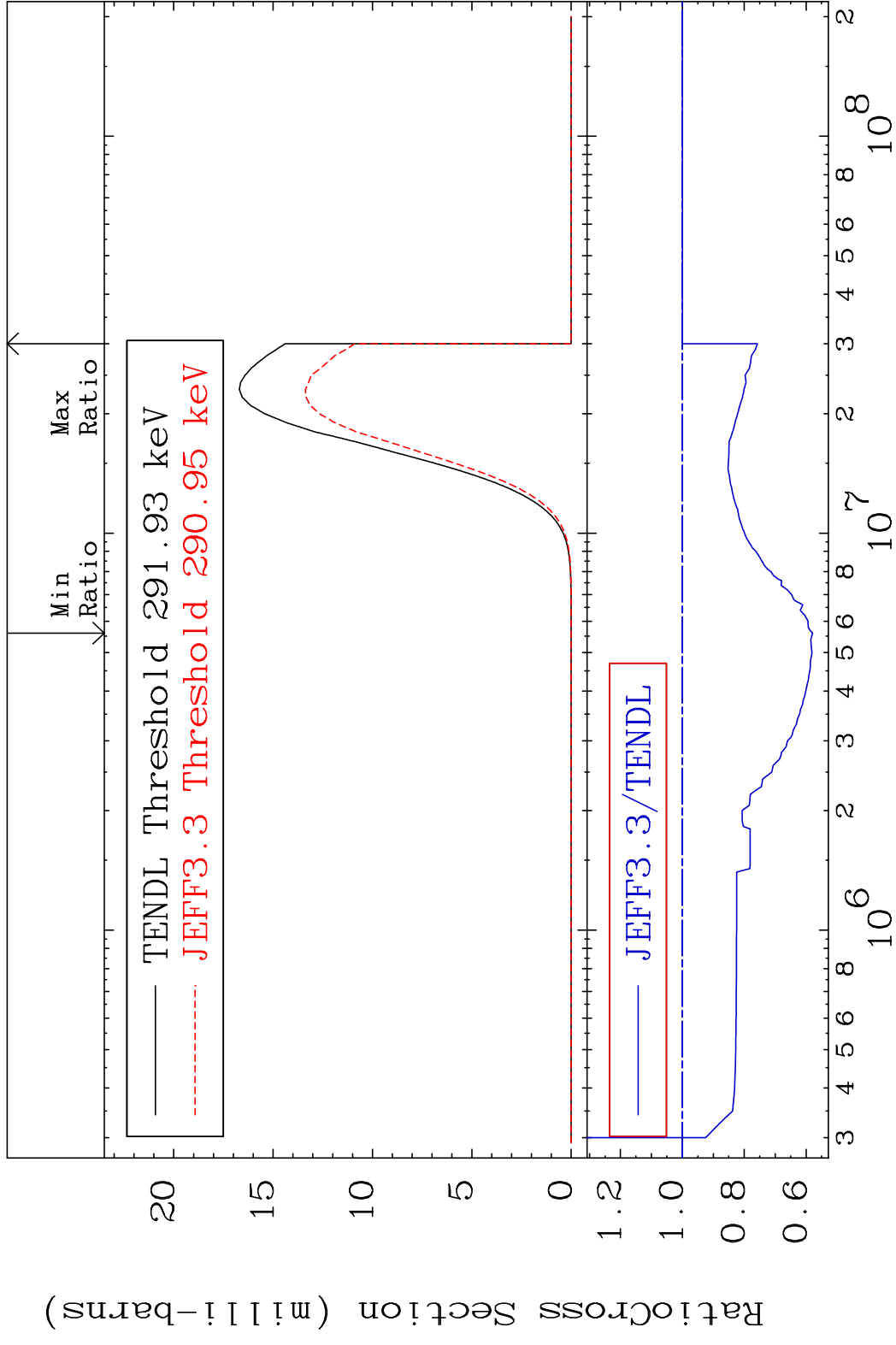
MAT 7631 (n, 4n): 76-0s-183m2 76-0s-186
 Radionuclide Production Cross Section Ratio 9999. %

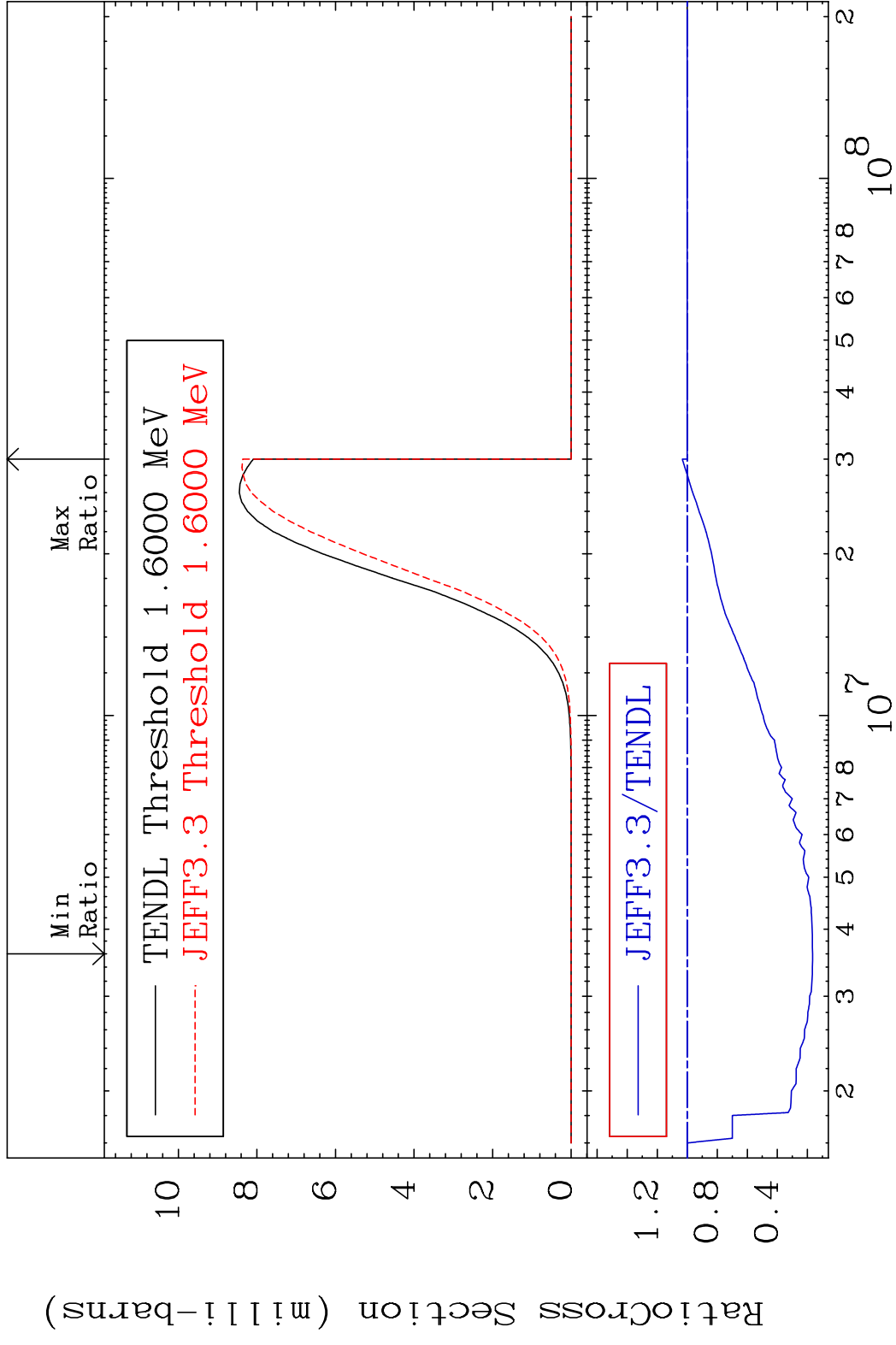


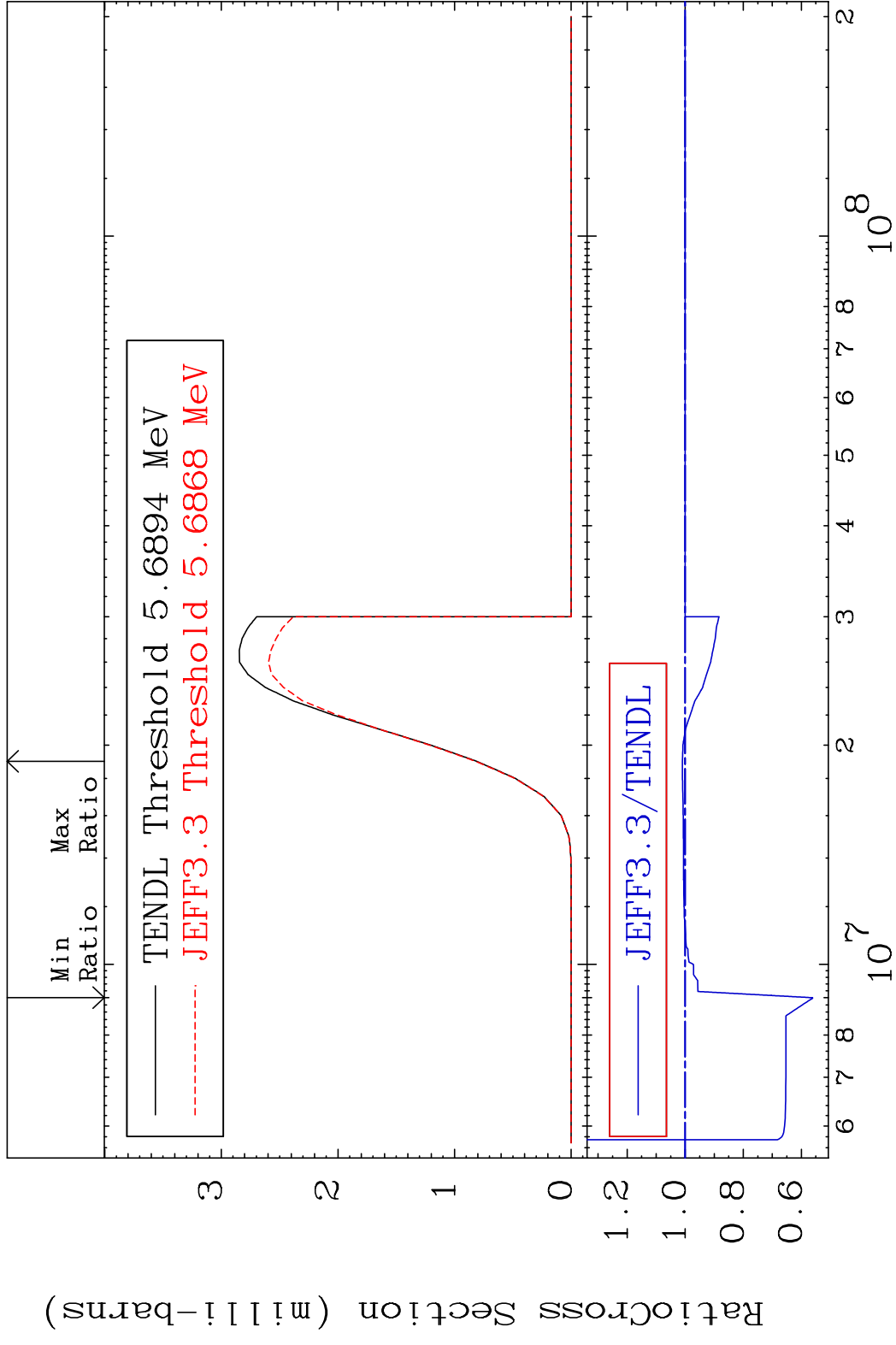
76 76-0s-186

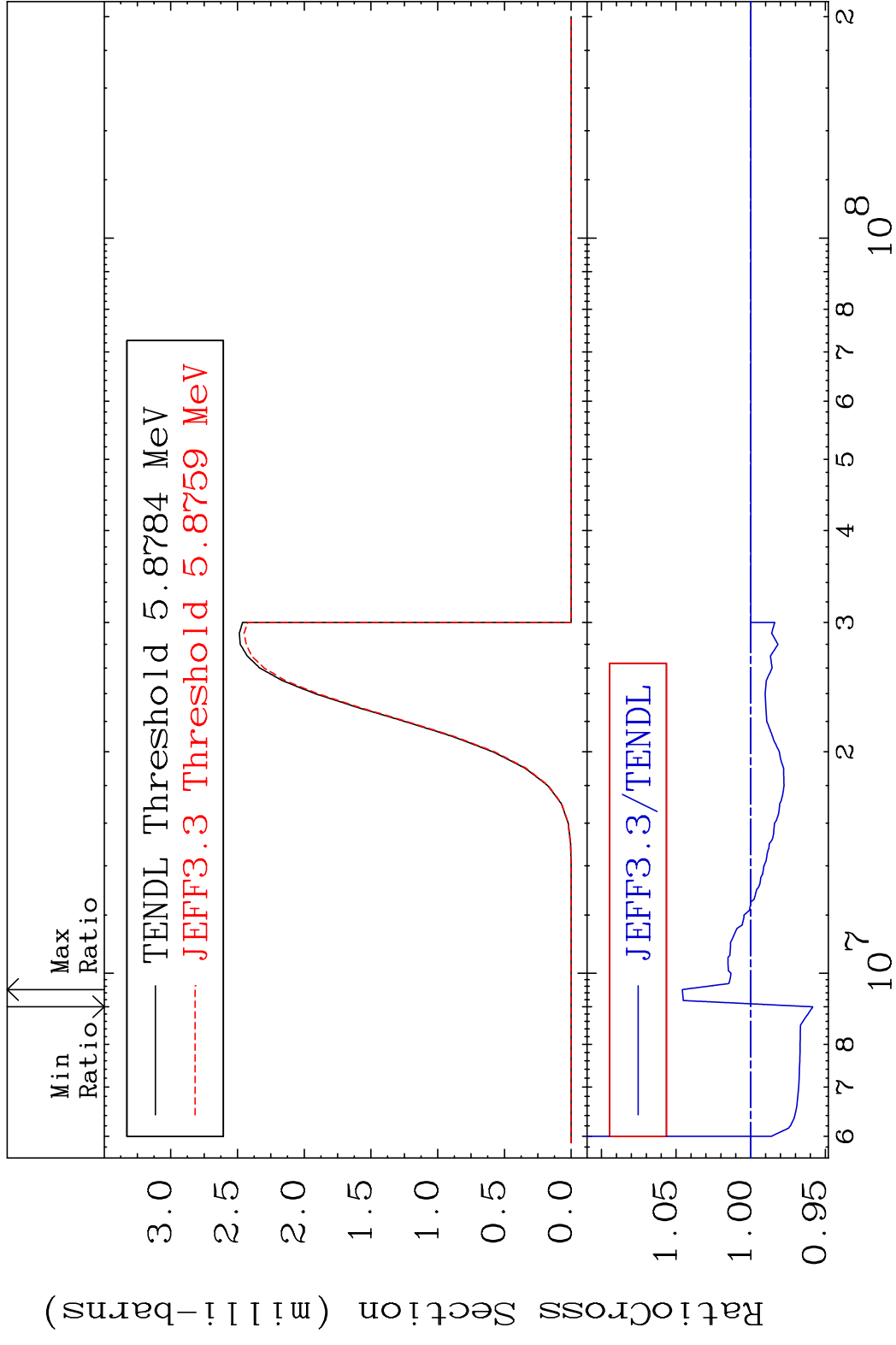




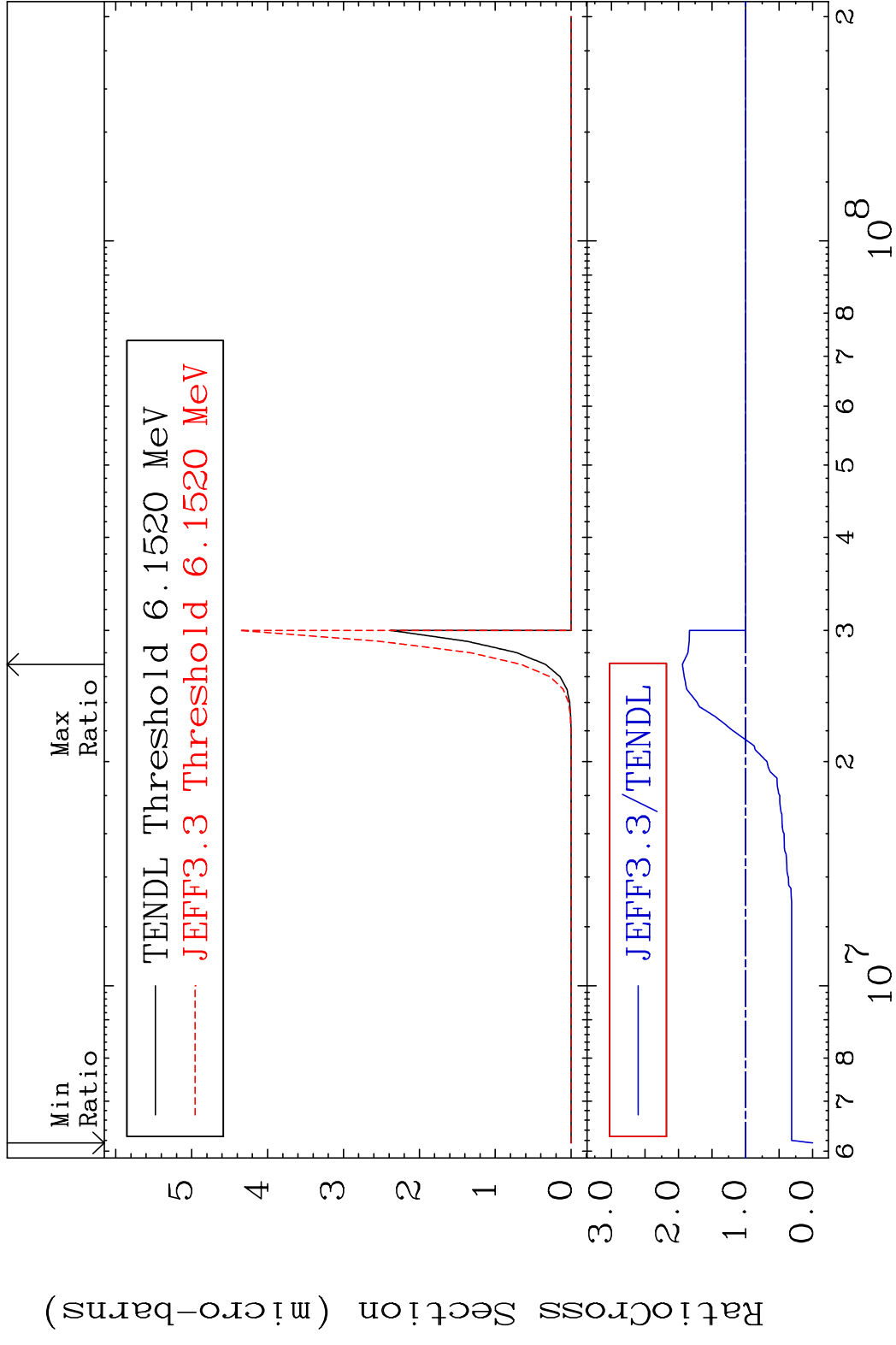




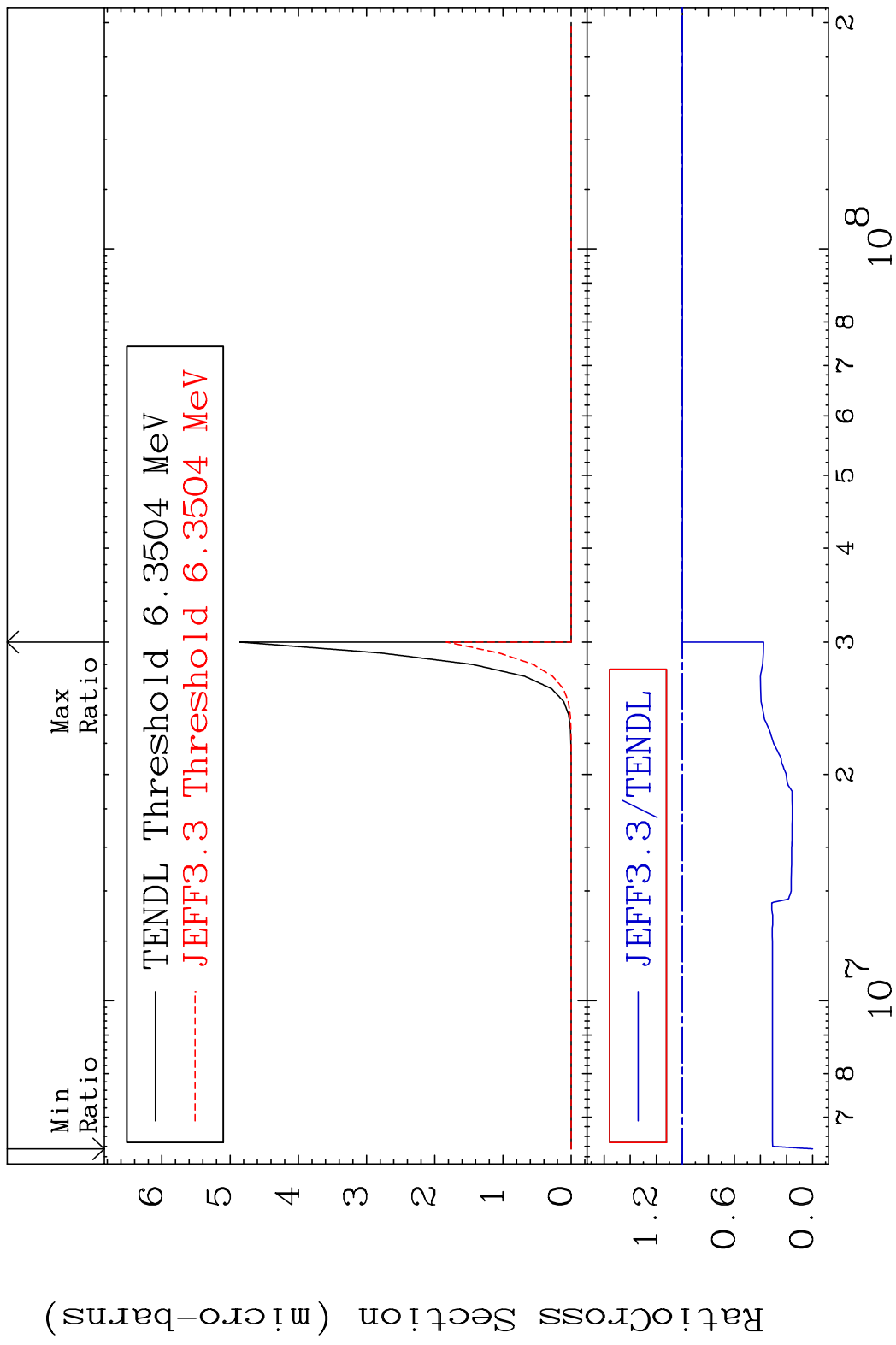




MAT 7631 (n,2p):74-W -185g 76-0s-186
 Radionuclide Production Cross Section 186.01 d to 94.25 %



MAT 7631 (n,2p):74-W -185m6 76-0s-186
 Radionuclide Production Cross Section 186.01 d to 0.000 %



MAT 7631 (n,p) t:74-W -183g 76-0s-186
 Radionuclide Production Cross Section 186-0s-186 21.82 %

