

Program Complot
(Version 2021-1)

by

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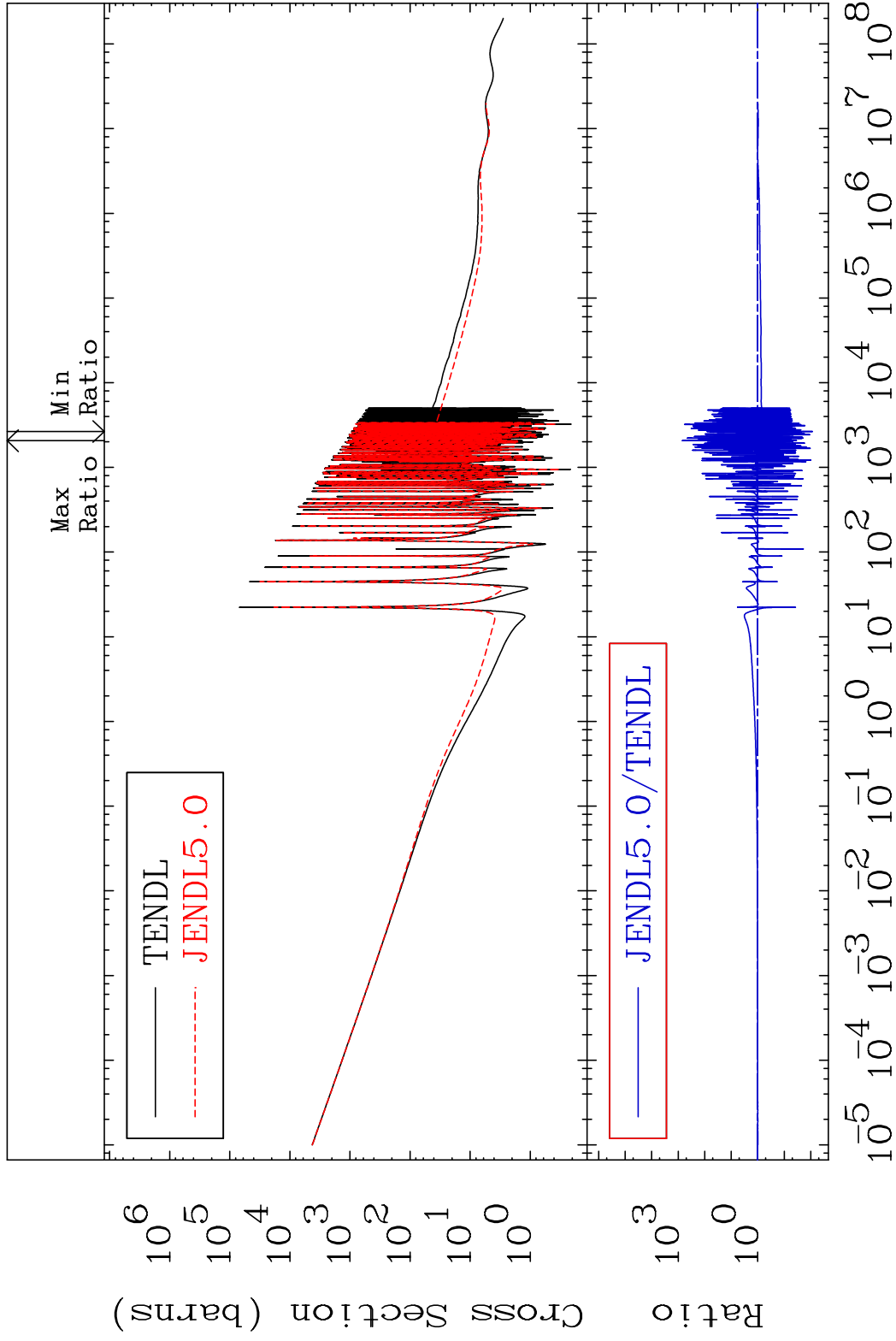
Press Mouse Button to Start

MAT 7631

Total

76-0s-186

Cross Section -99.15 To 9999. %



1

Incident Energy (eV)

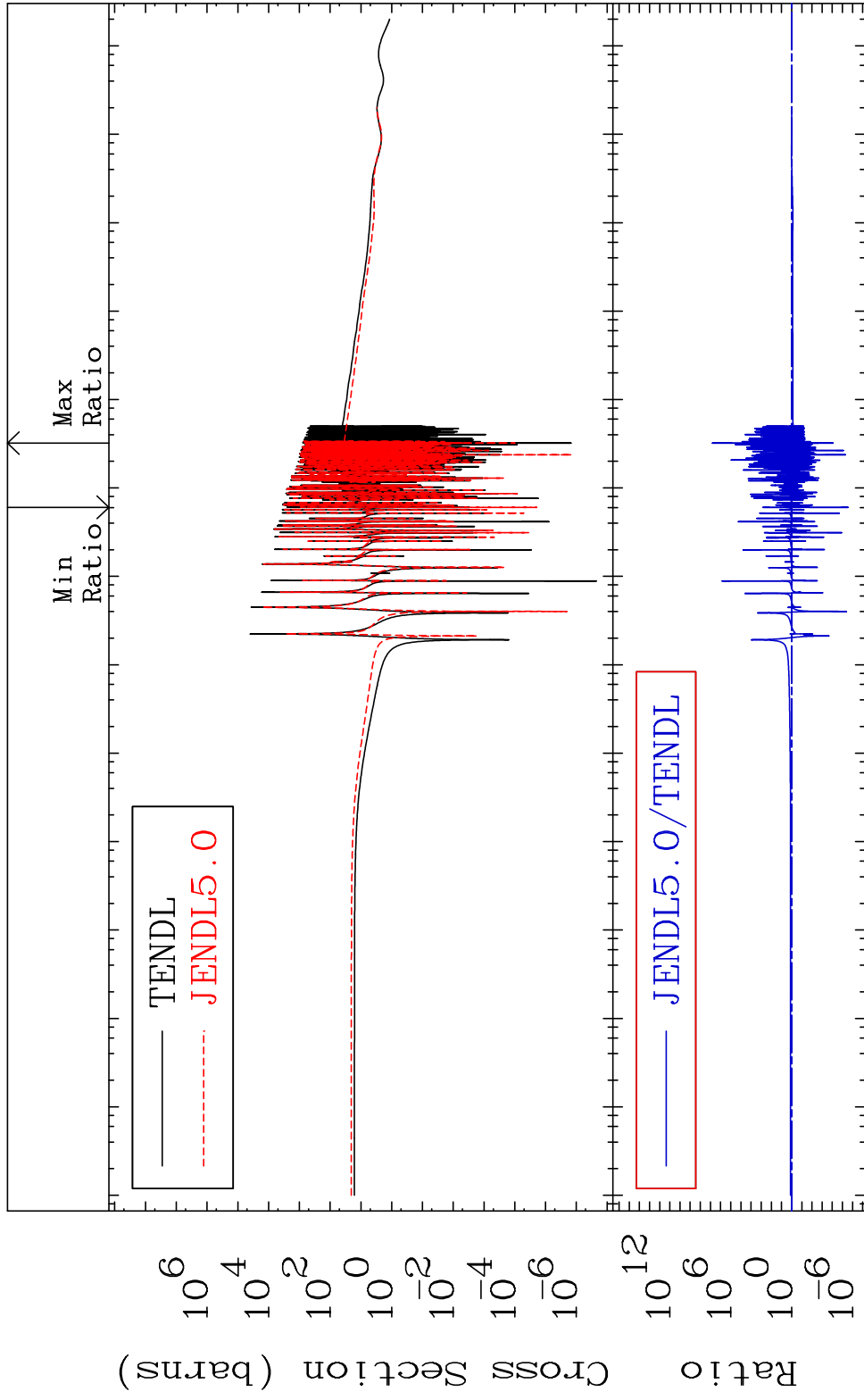
76-0s-186

MAT 7631

Elastic

76-0s-186

Cross Section -100.0 To 9999. %

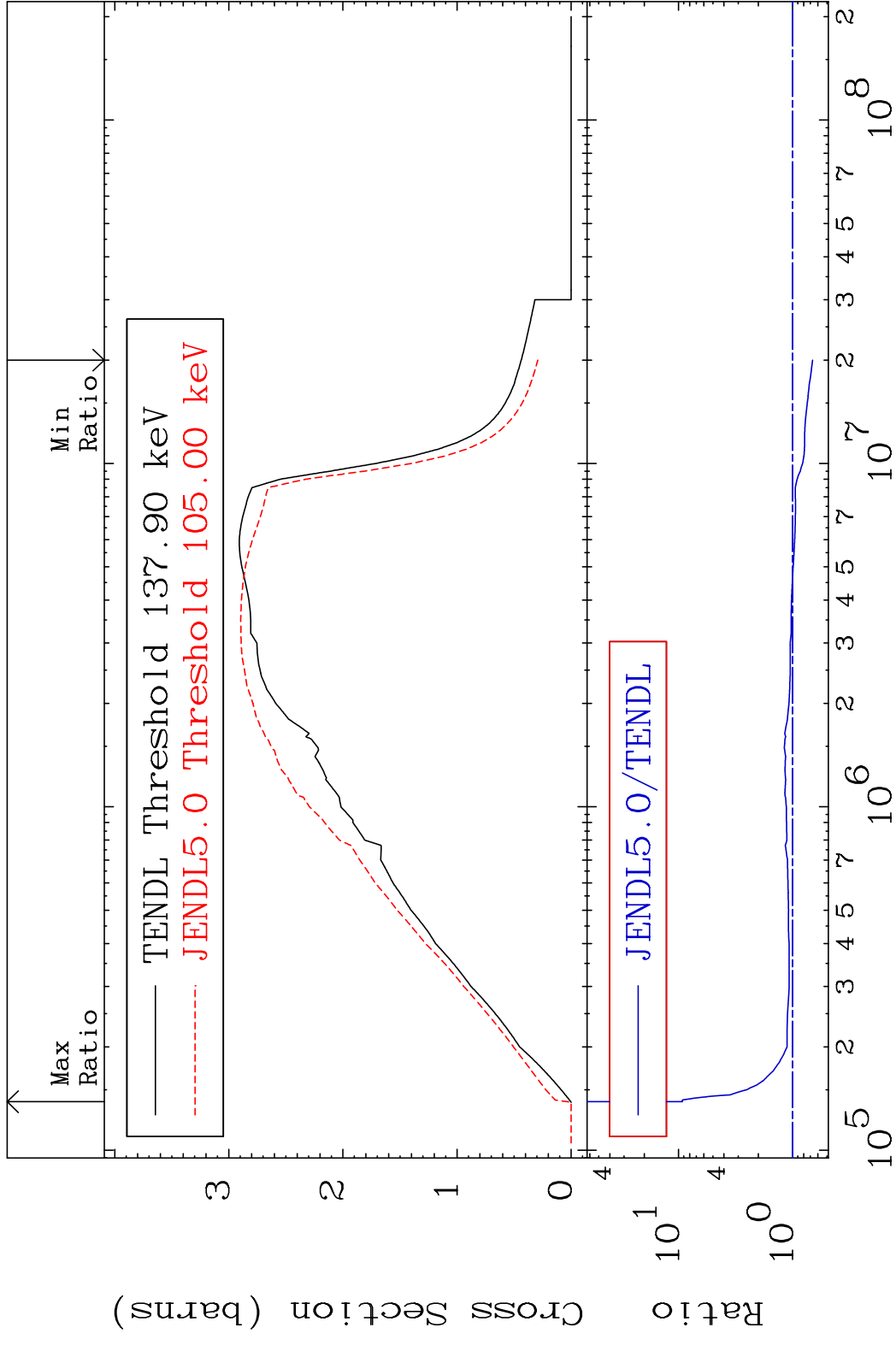


2

Incident Energy (eV)

76-0s-186

MAT 7631 Inelastic 76-0s-186
 Cross Section -33.09 To 826.2 %



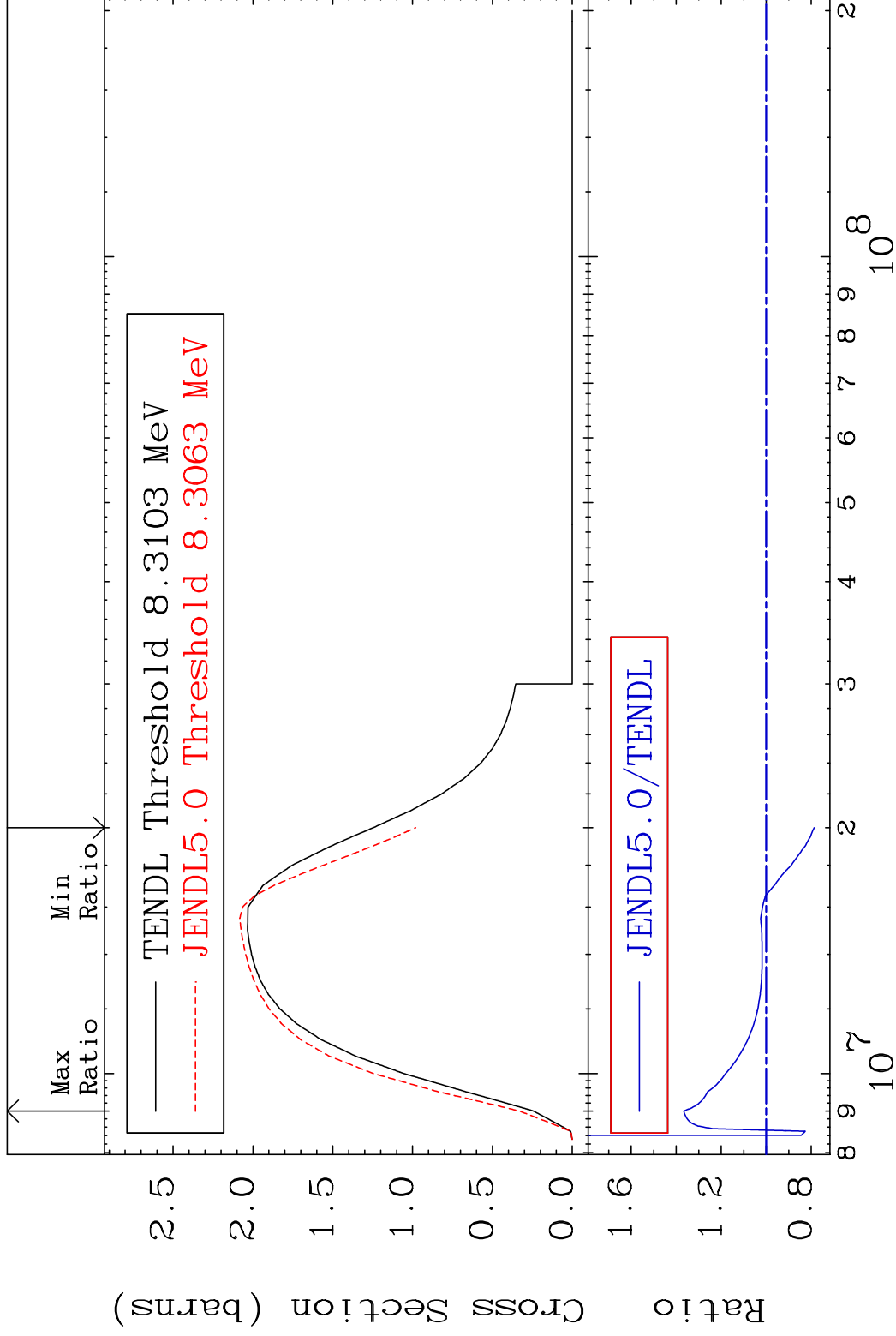
3 Incident Energy (eV) 76-0s-186

MAT 7631

(n,2n)

76-0s-186

Cross Section -21.29 To 36.68 %



4

Incident Energy (eV)

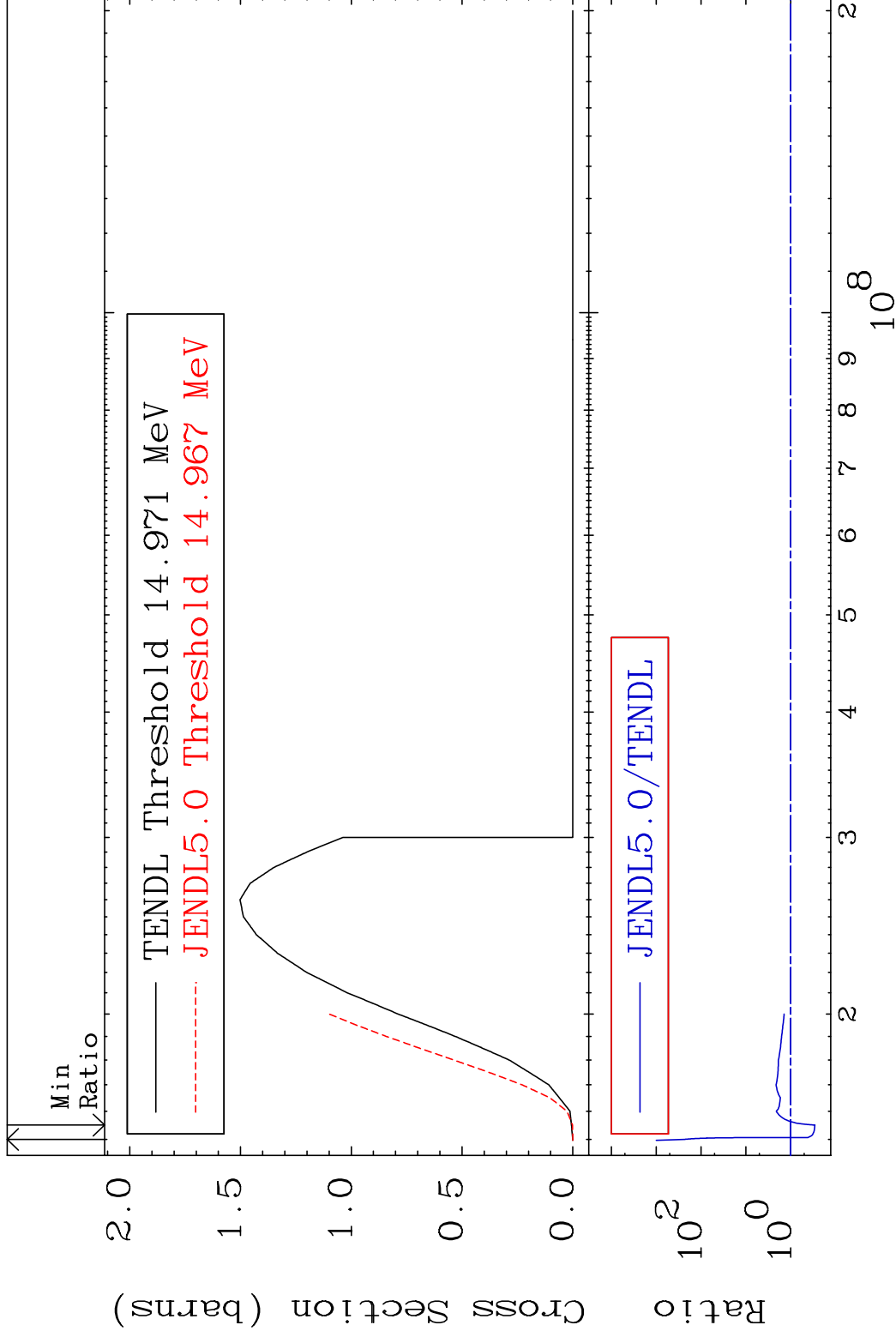
76-0s-186

MAT 7631

(n,3n)

76-0s-186

Cross Section -71.28 To 9999. %



5

Incident Energy (eV)

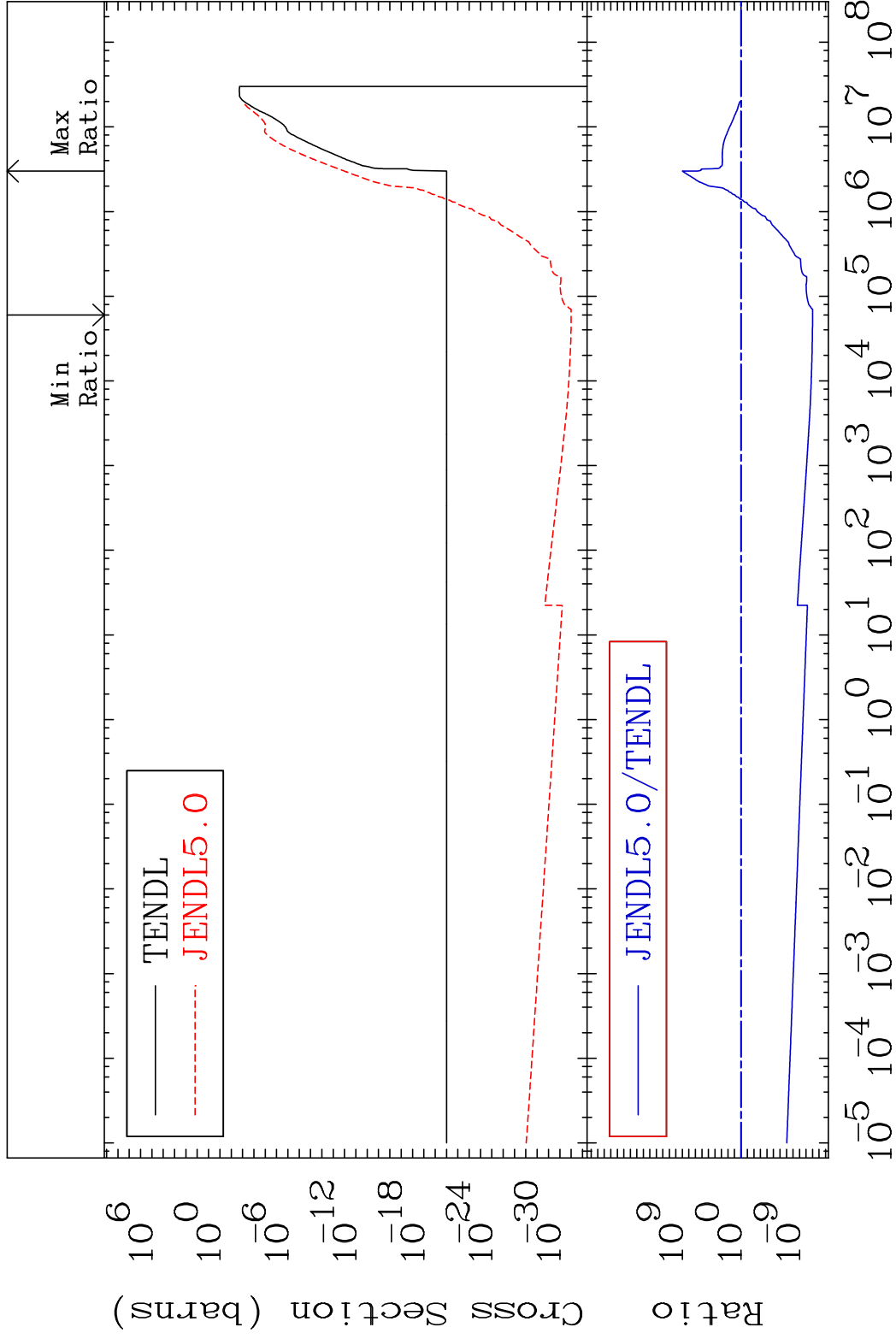
76-0s-186

MAT 7631

(n, n') α

76-Os-186

Cross Section -100.0 To 9999. %

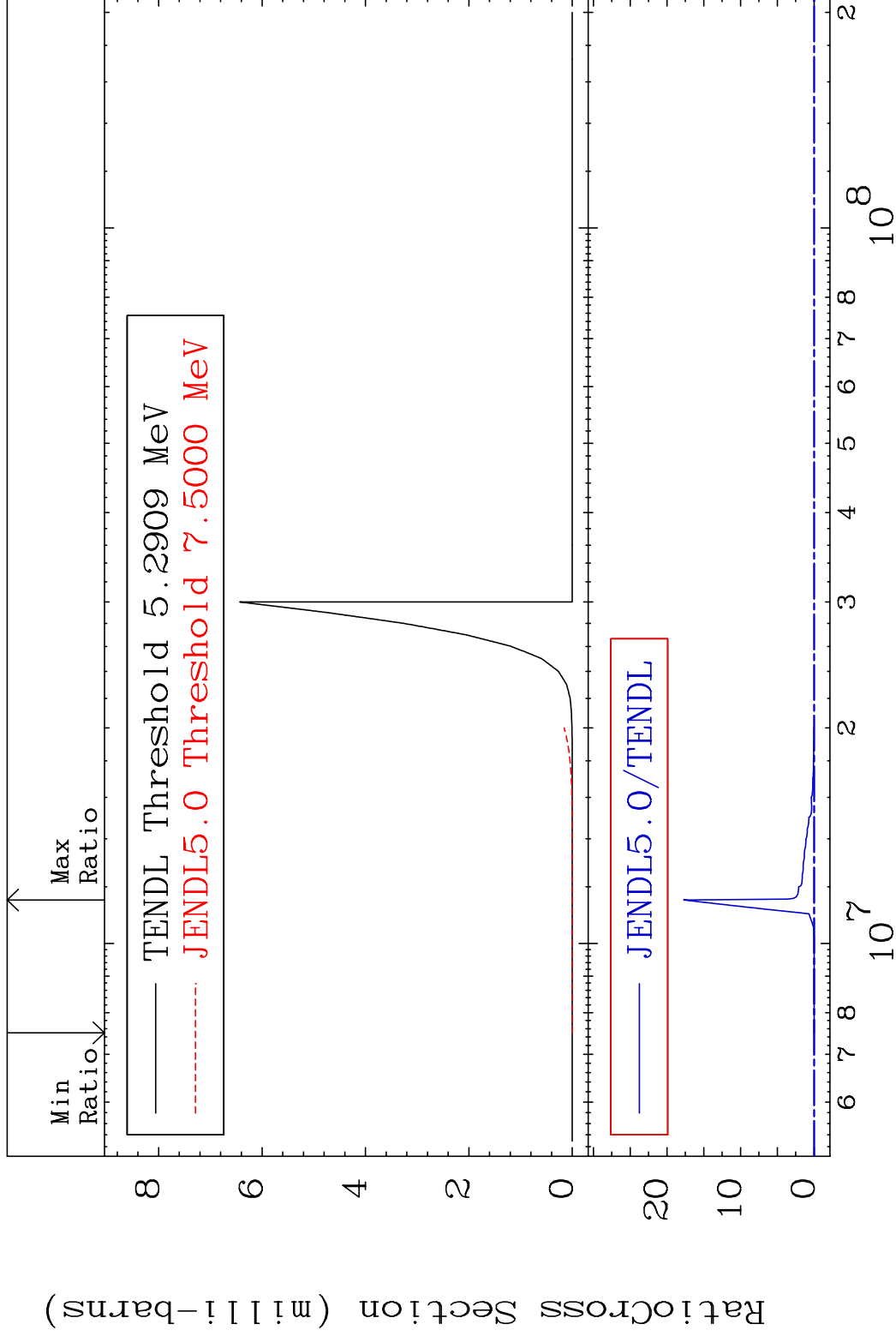


MAT 7631

(n,2n) α

76-0s-186

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

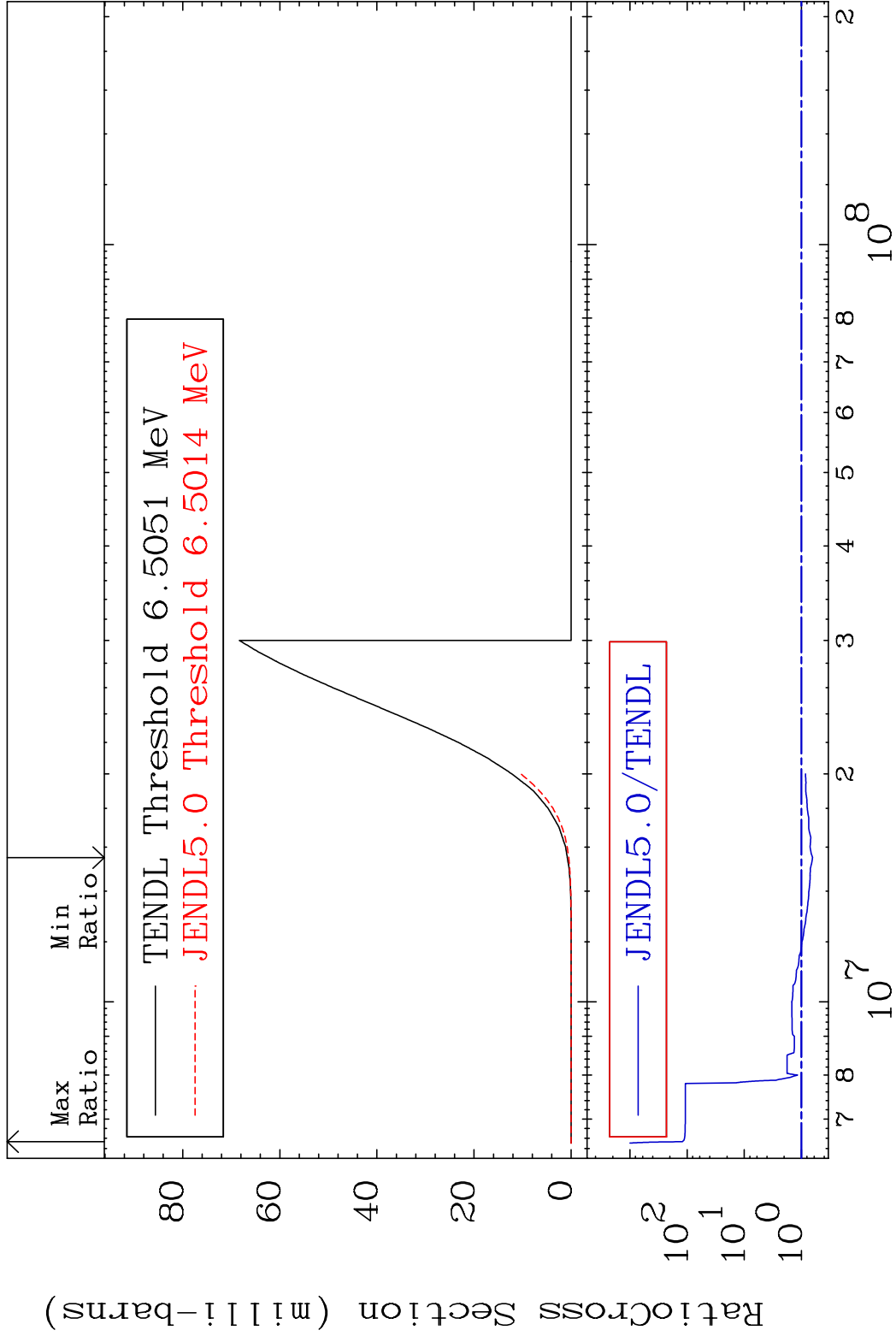
76-0s-186

MAT 7631

(n,n') p

76-0s-186

Cross Section -36.17 To 9999. %



8

Incident Energy (eV)

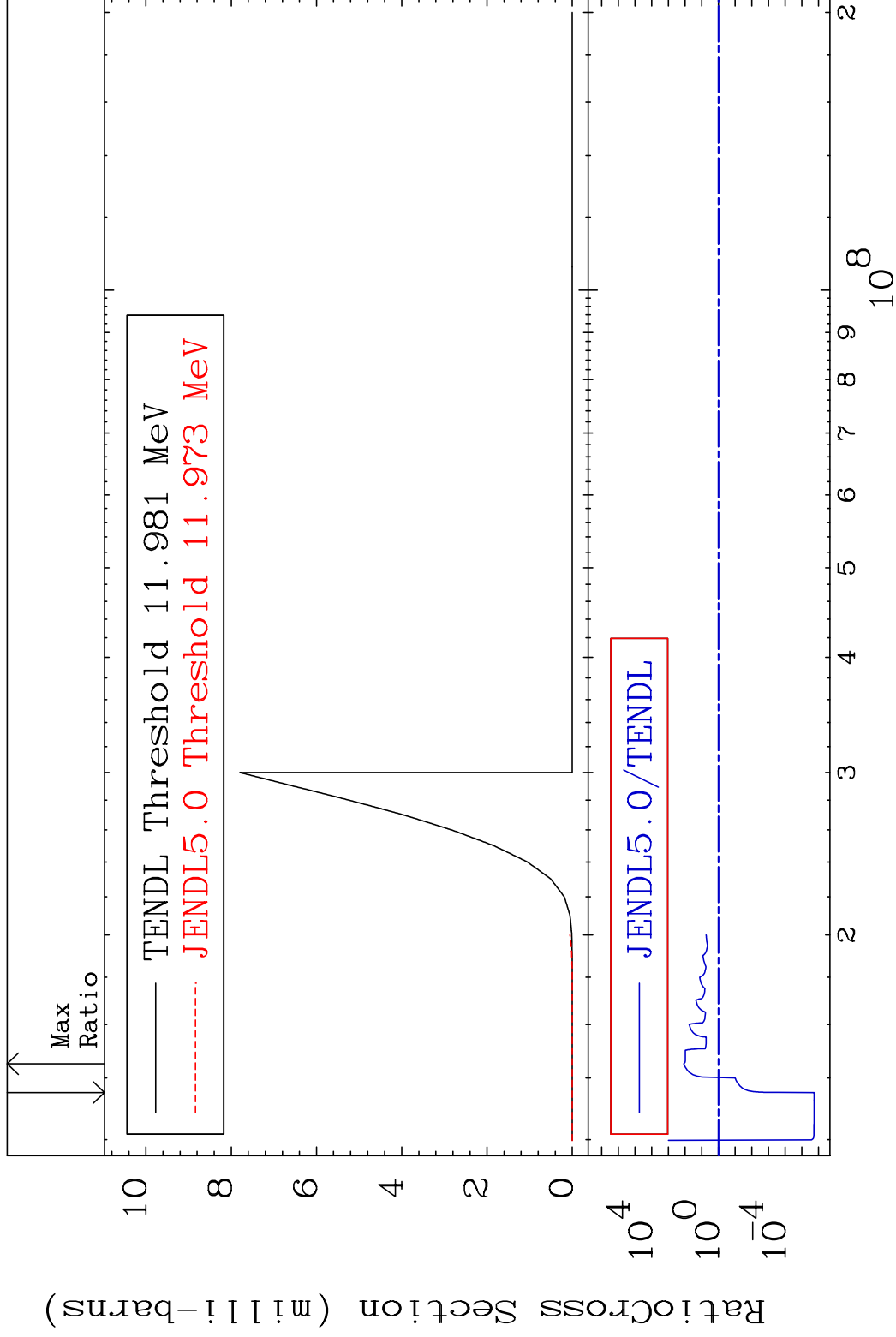
76-0s-186

MAT 7631

(n, n') d

76-0s-186

Cross Section -100.0 To 9999. %

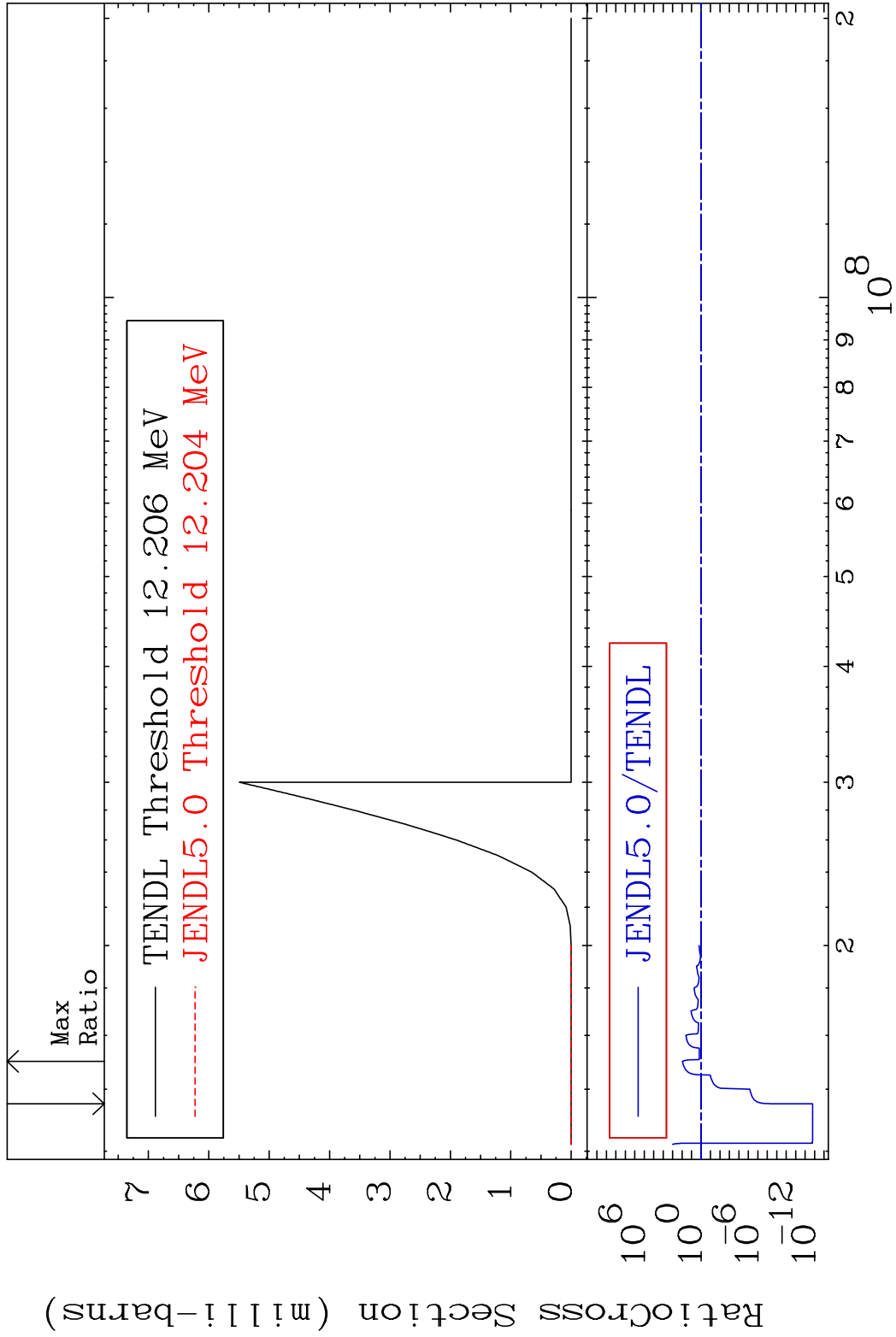


MAT 7631

(n, n') t

76-0s-186

Cross Section -100.0 To 9328. %



10

Incident Energy (eV)

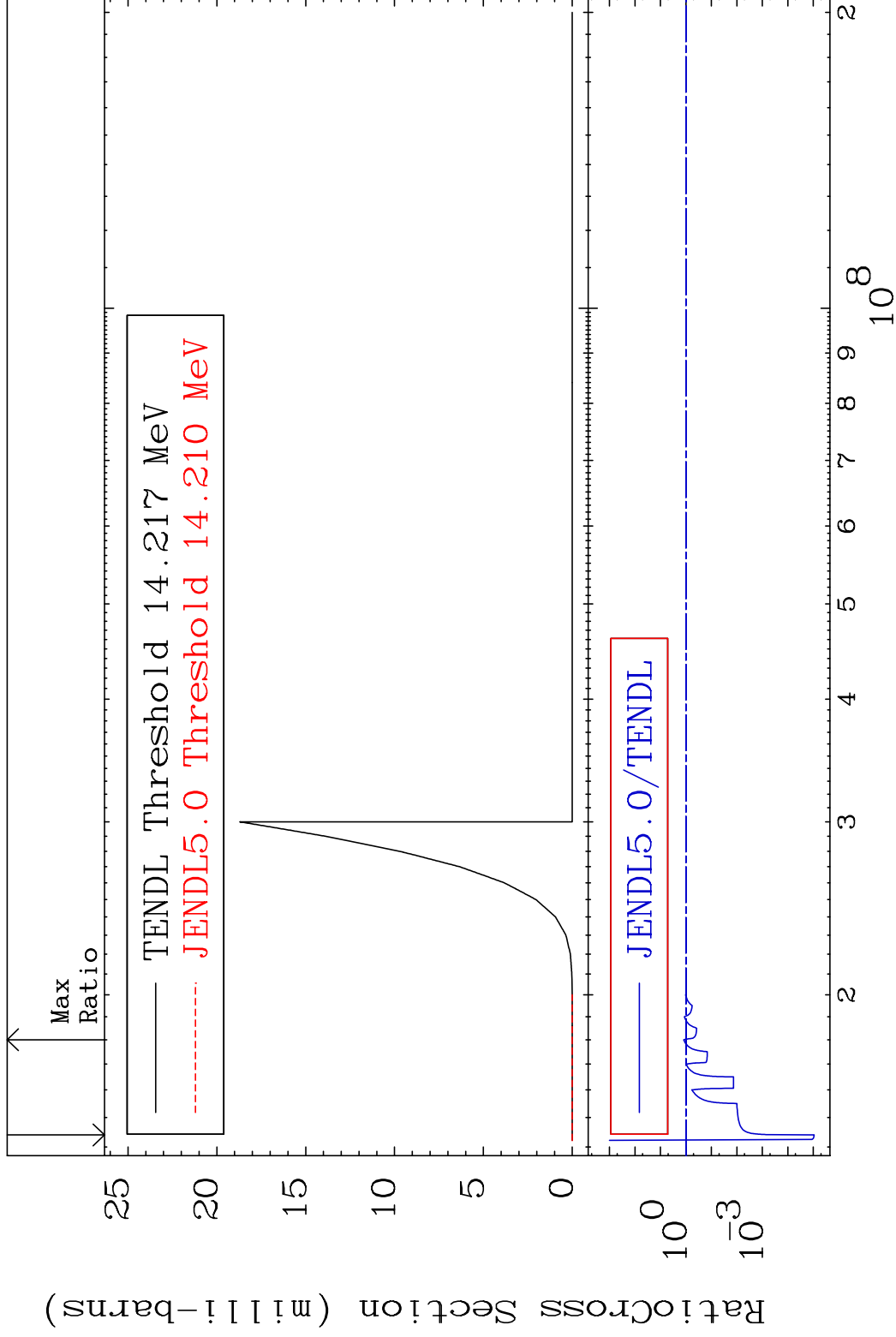
76-0s-186

MAT 7631

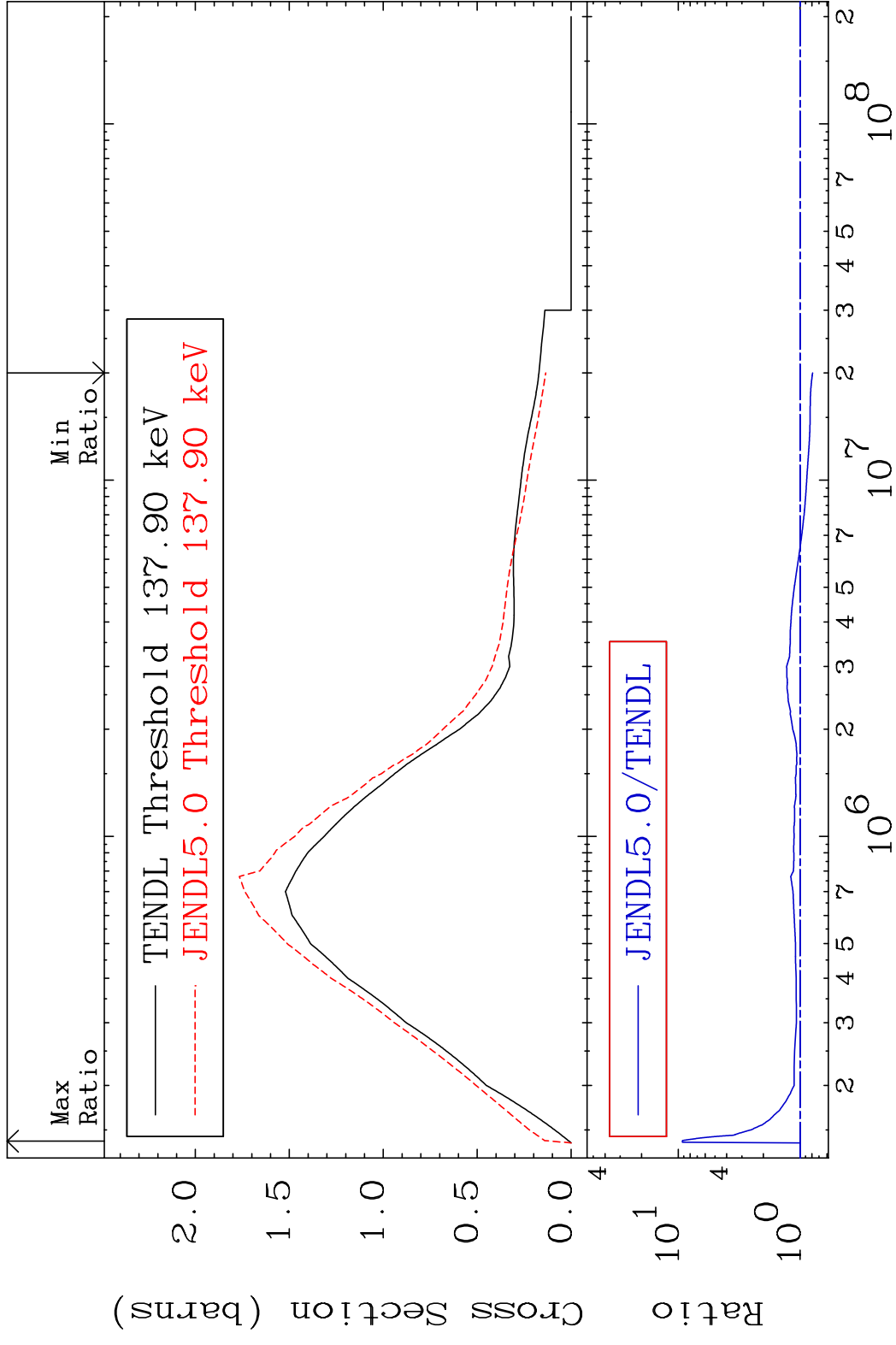
(n,2n) p

76-0s-186

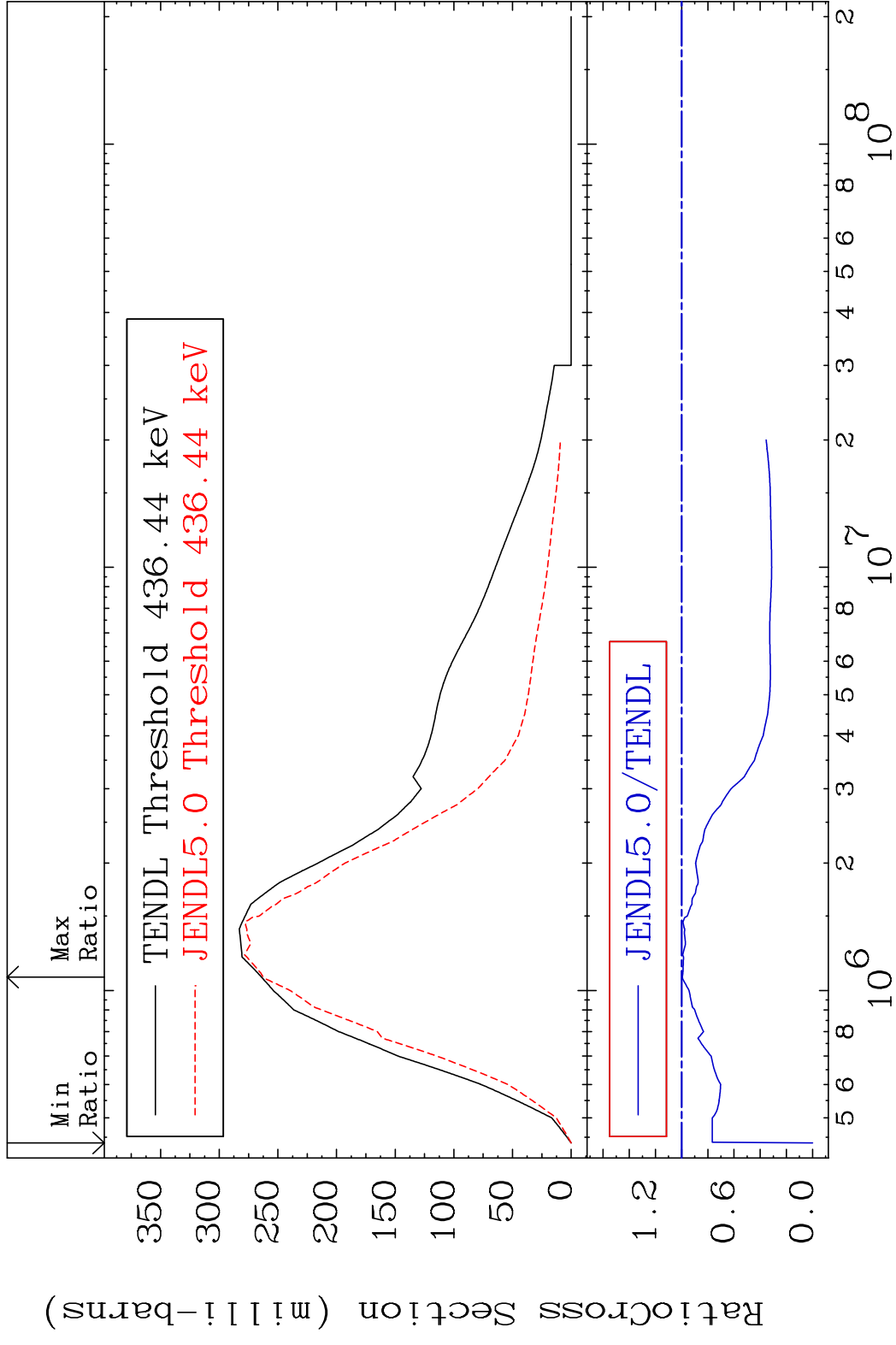
Cross Section -100.0 To 22.63 %



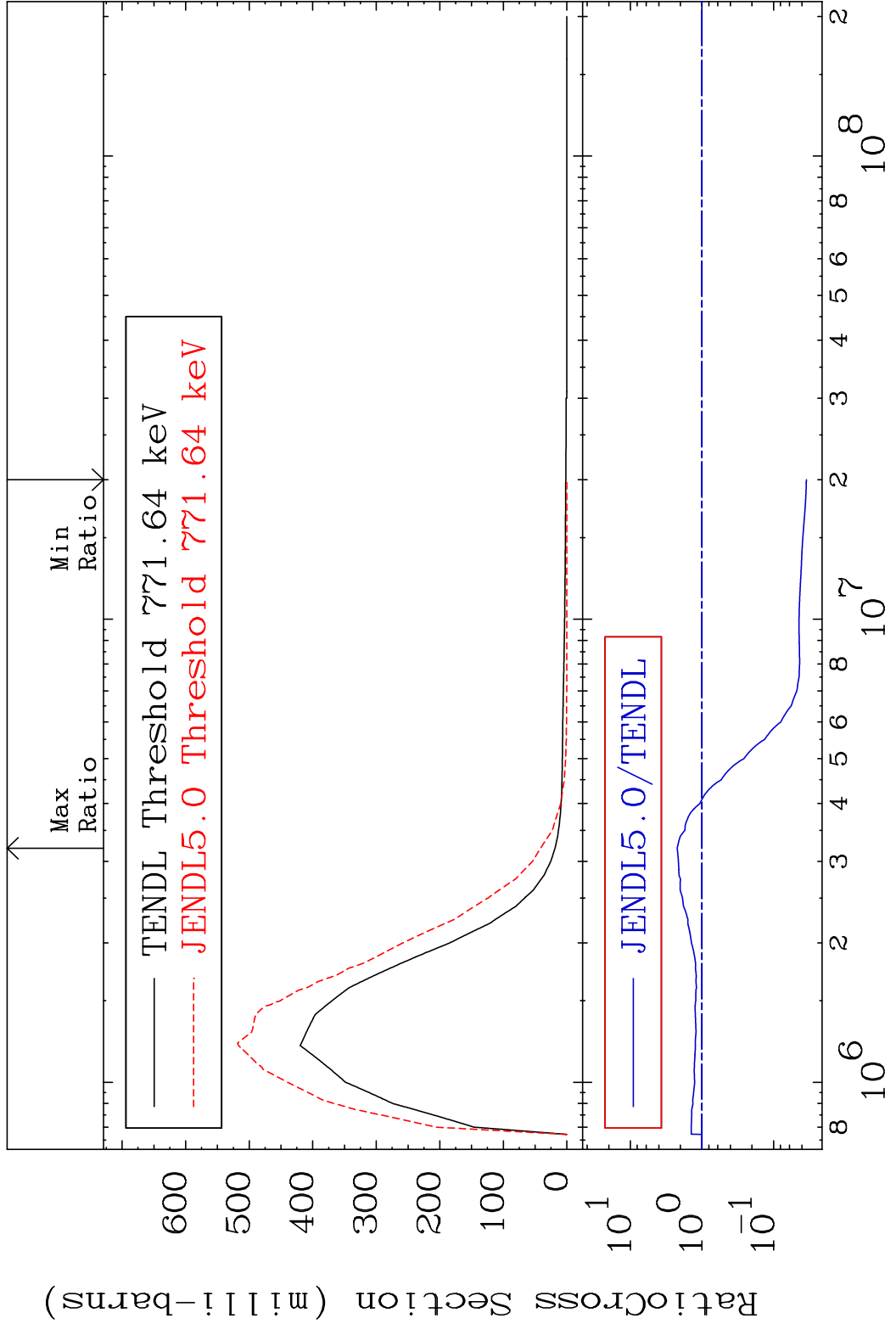
MAT 7631 MT= 51 (n,n') Level 76-0s-186
 Cross Section -21.06 To 826.0 %



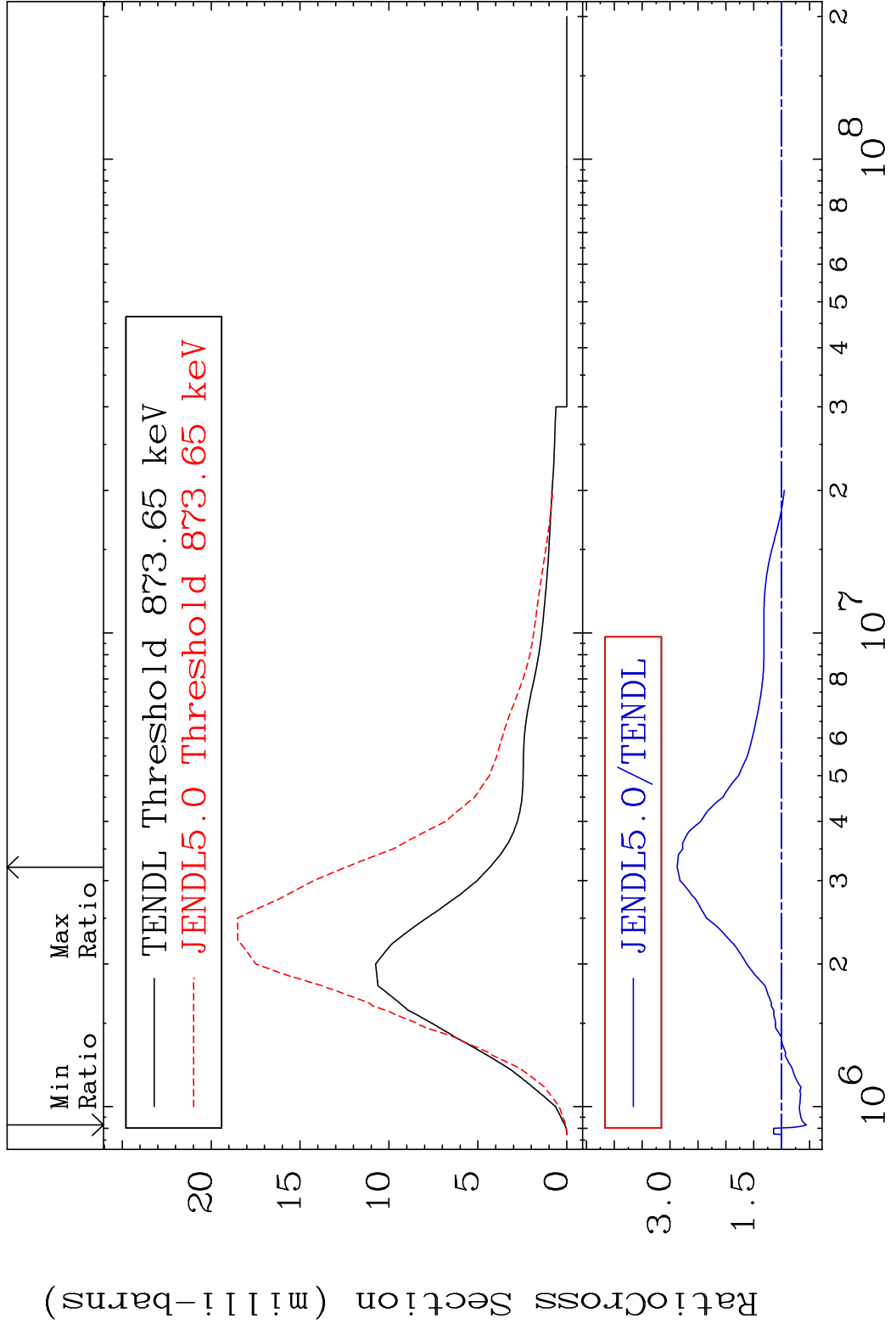
MAT 7631 MT= 52 (n,n') Level 76-0s-186
 Cross Section -100.0 To -0.541%



MAT 7631 MT= 53 (n, n') Level 76-0s-186
 Cross Section -96.53 To 121.6 %

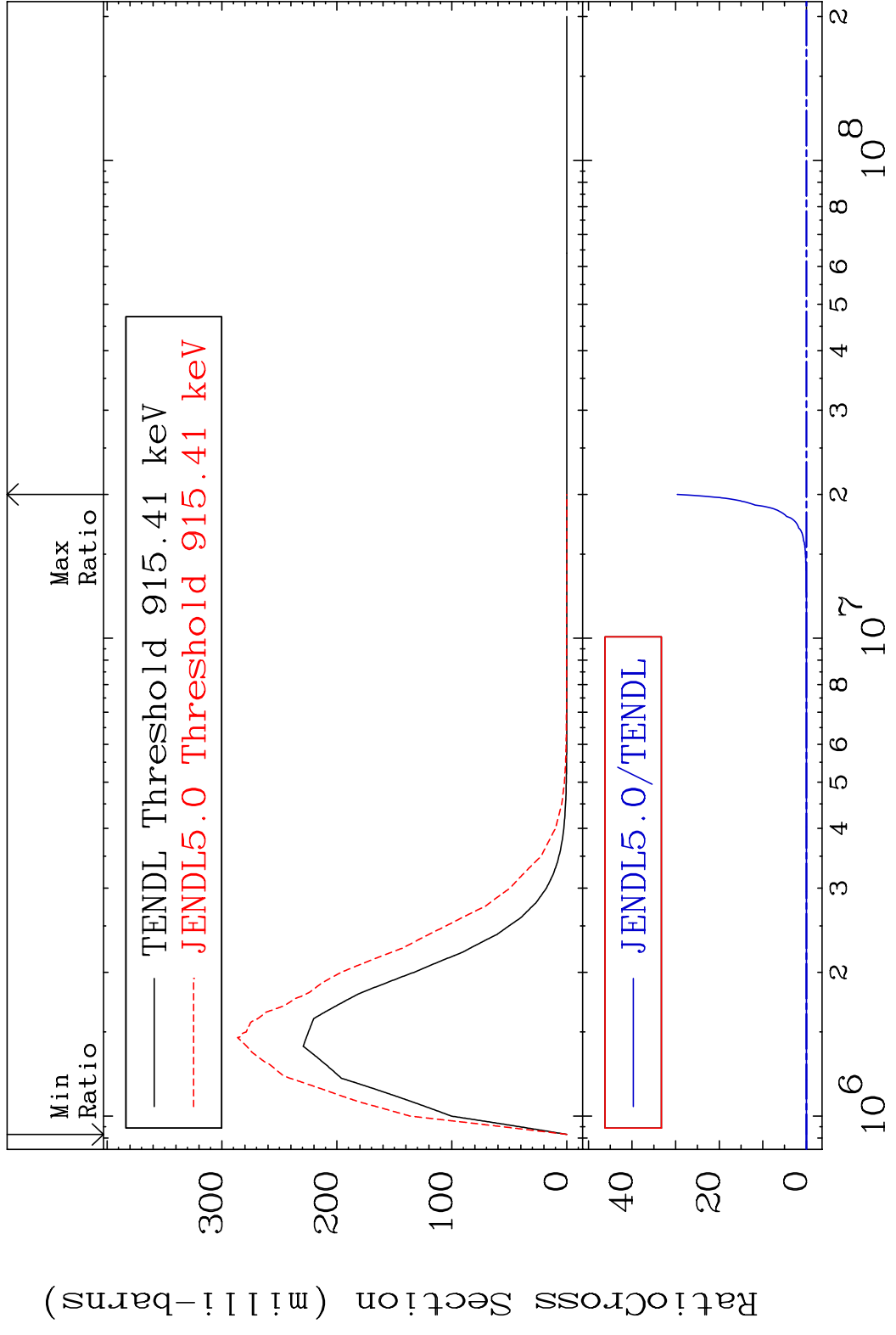


MAT 7631 MT= 54 (n, n') Level 76-0s-186
 Cross Section -44.42 To 187.3 %



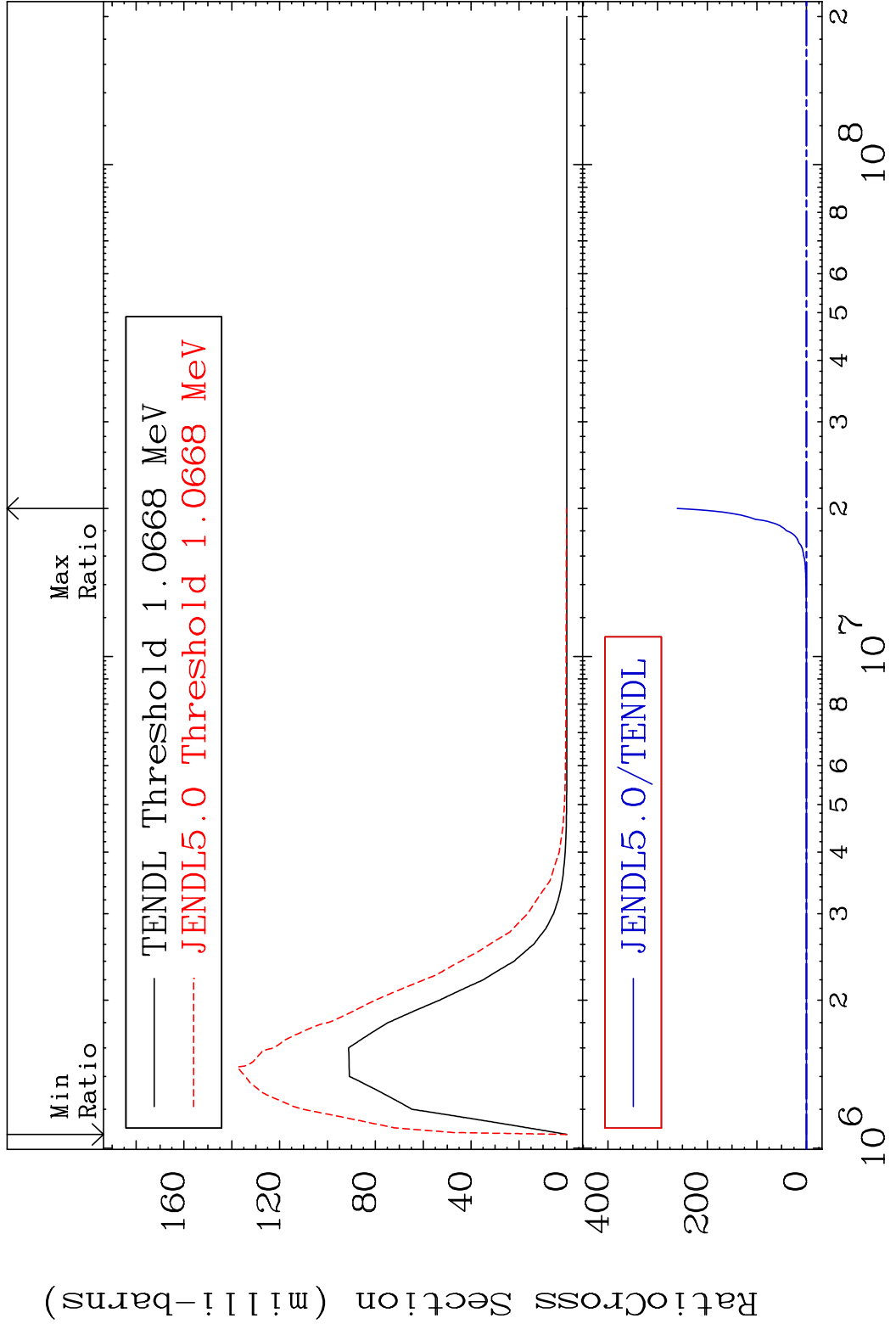
15 76-0s-186

MAT 7631 MT= 55 (n, n') Level 76-0s-186
 Cross Section -100.0 To 9999. %



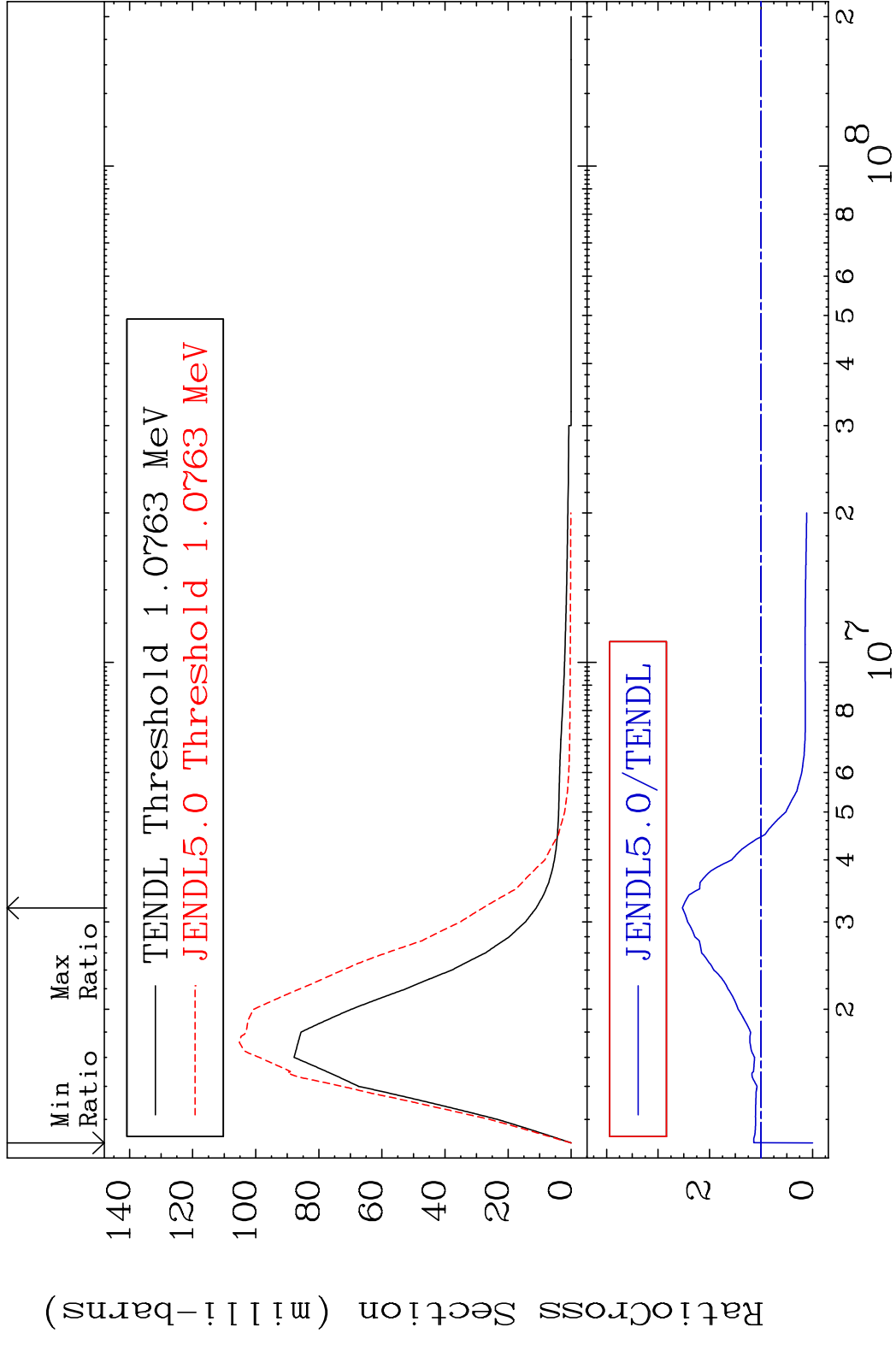
16 Incident Energy (eV) 76-0s-186

MAT 7631 MT= 56 (n, n') Level 76-0s-186
 Cross Section -100.0 To 9999. %

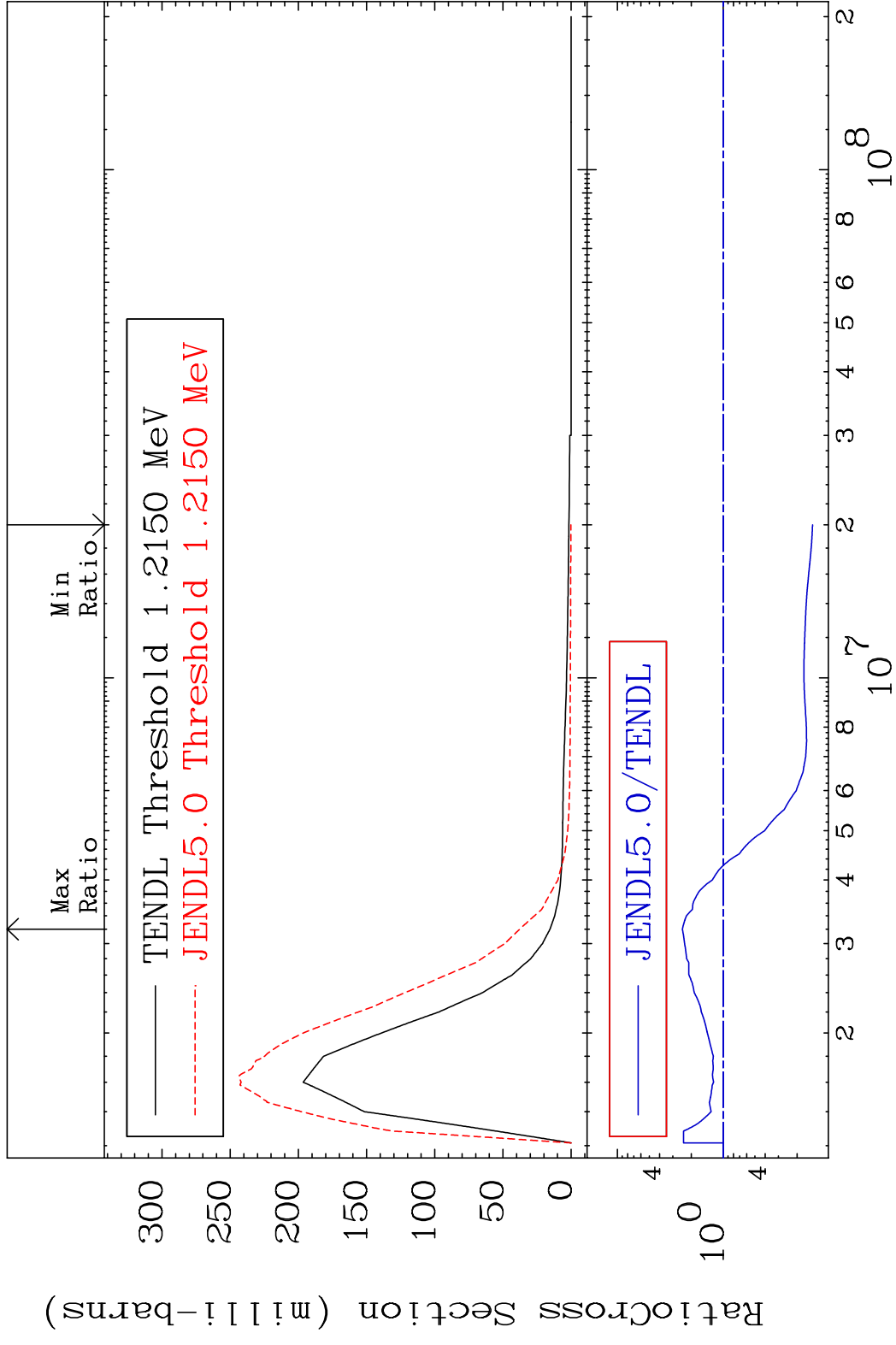


17 Incident Energy (eV) 76-0s-186

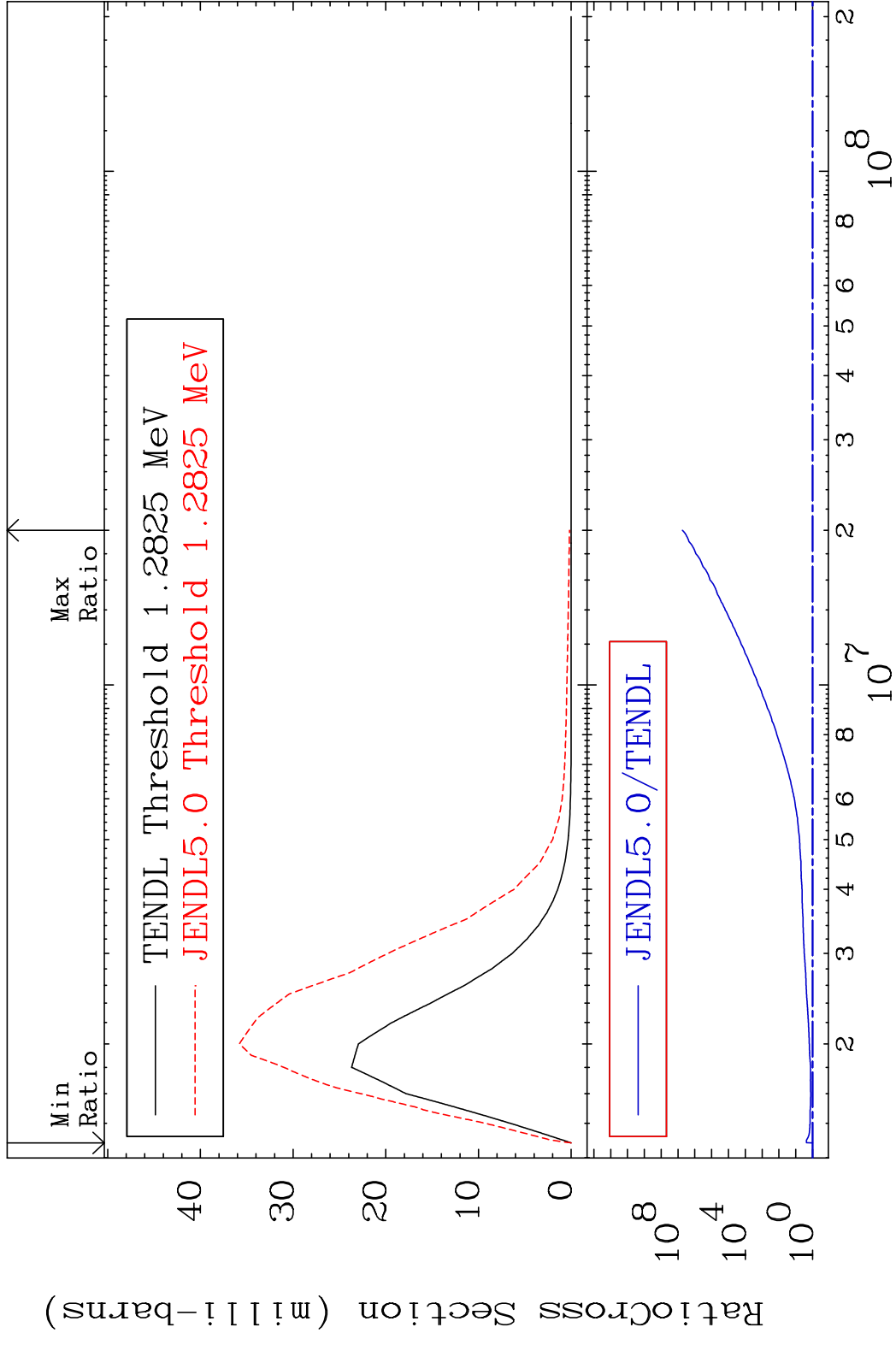
MAT 7631 MT= 57 (n,n') Level 76-0s-186
 Cross Section -100.0 To 152.8 %



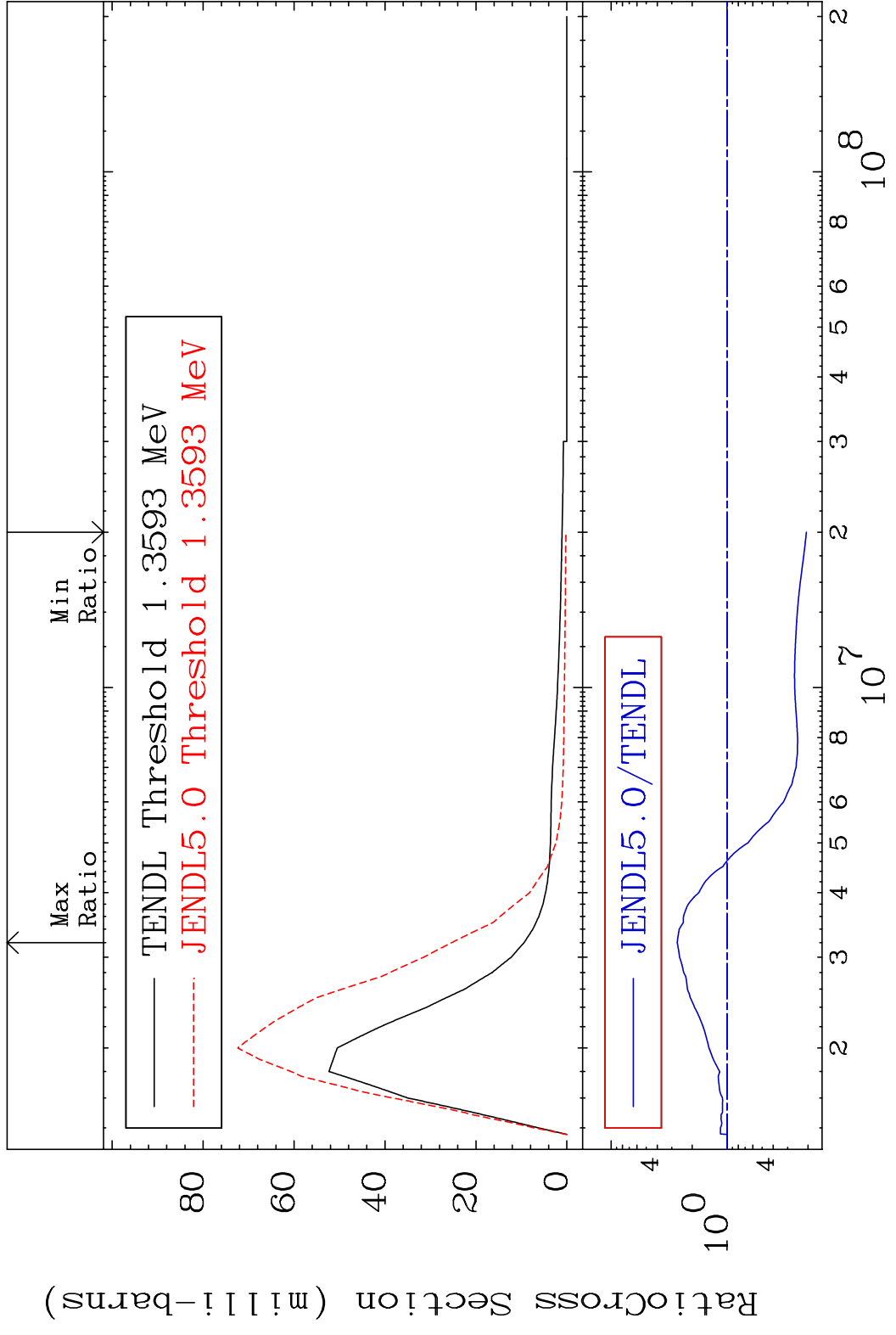
MAT 7631 MT= 58 (n, n') Level 76-0s-186
 Cross Section -85.72 To 143.2 %



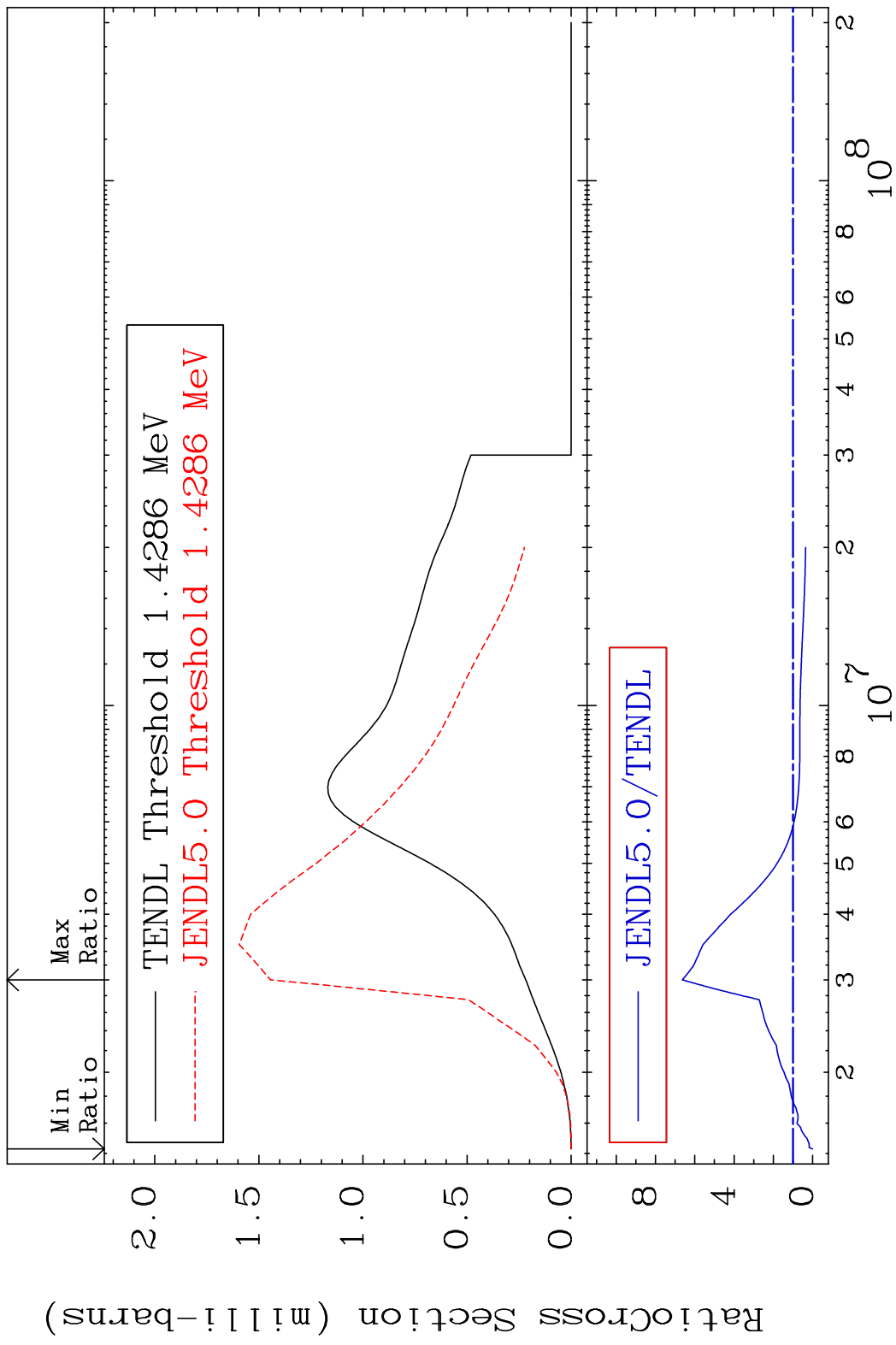
MAT 7631 MT= 59 (n, n') Level 76-0s-186
 Cross Section 0.000 To 9999. %



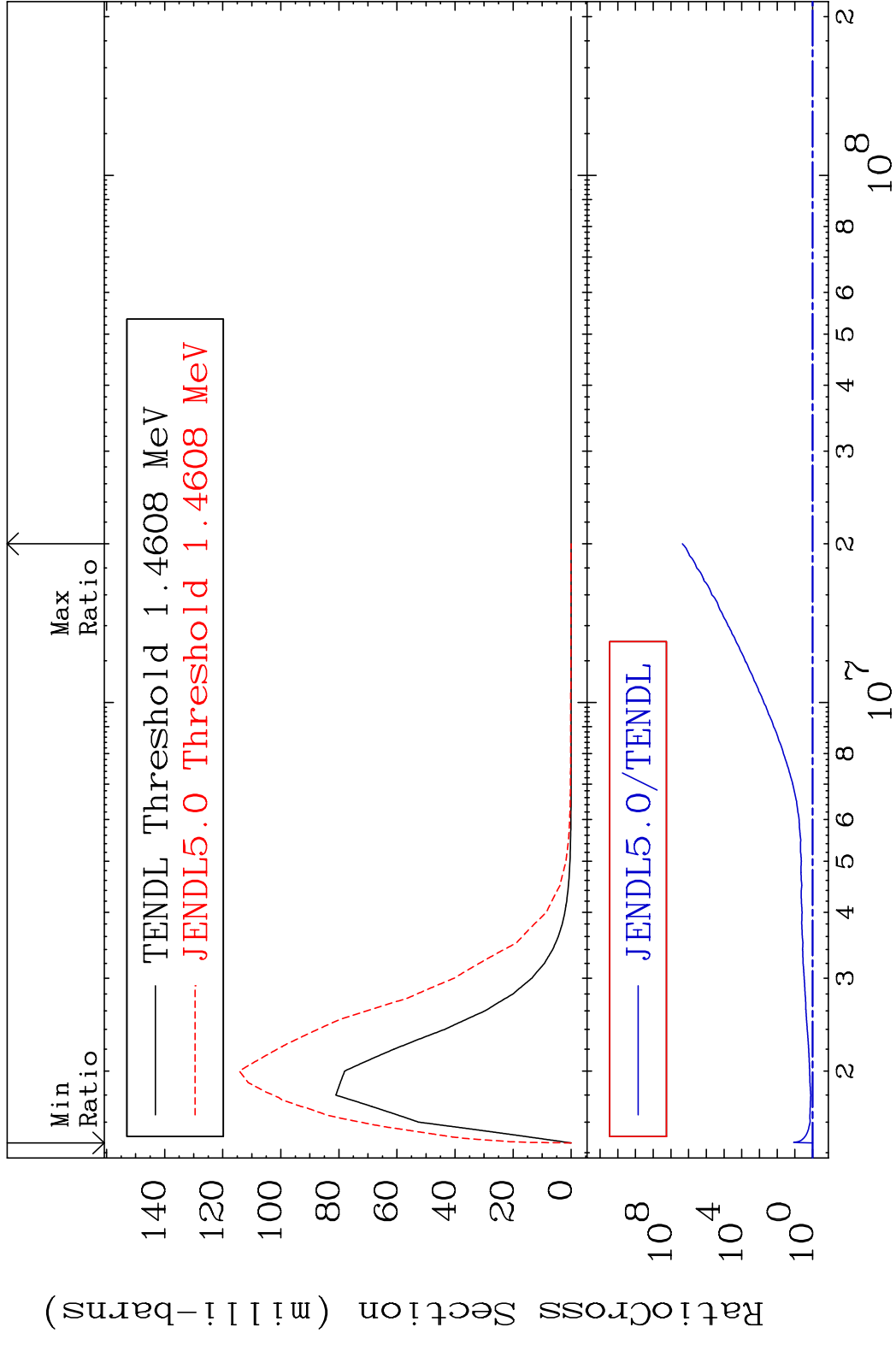
MAT 7631 MT= 60 (n, n') Level 76-0s-186
 Cross Section -79.32 To 169.6 %



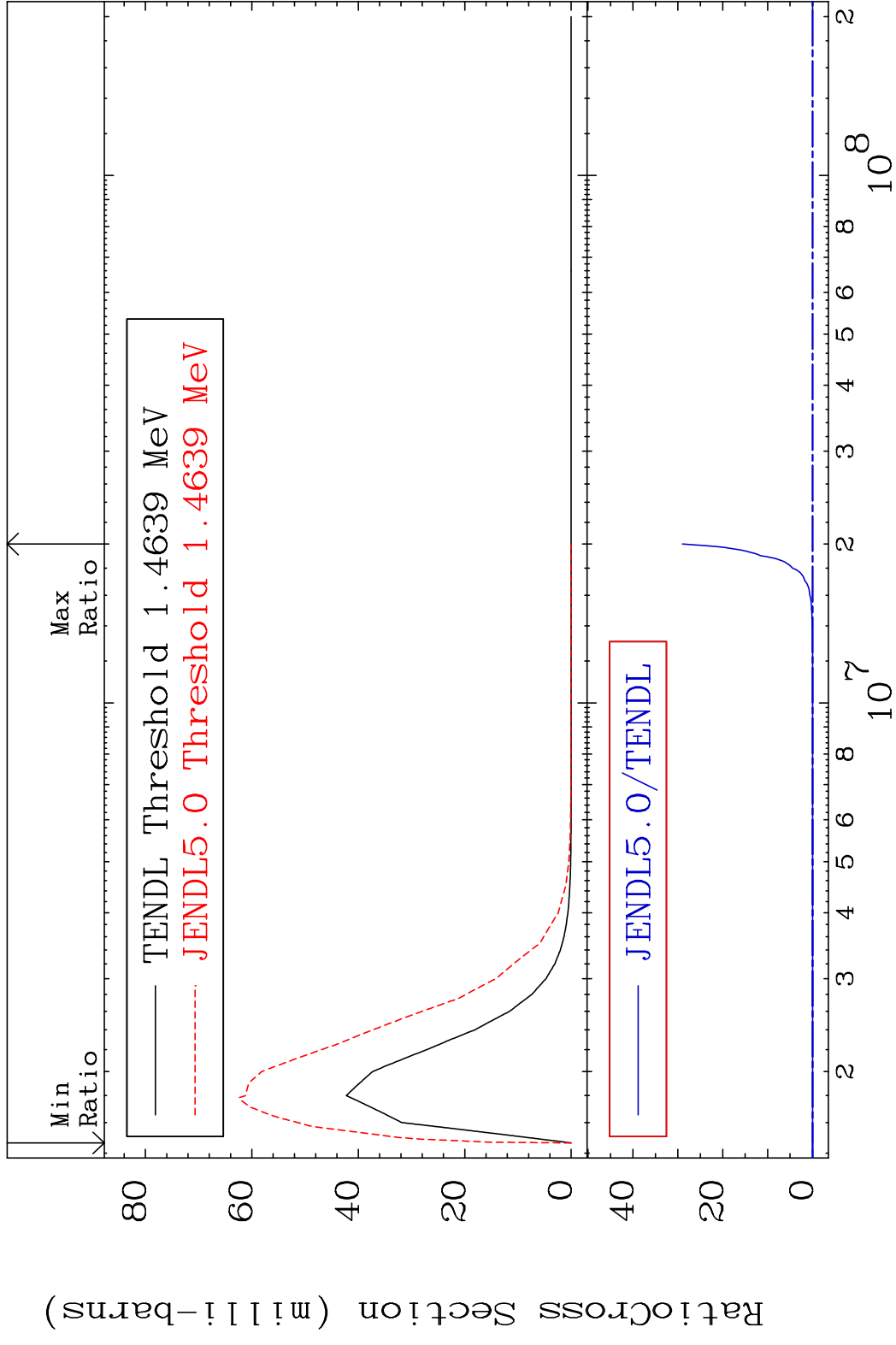
MAT 7631 MT= 61 (n,n') Level 76-0s-186
 Cross Section -100.0 To 563.3 %



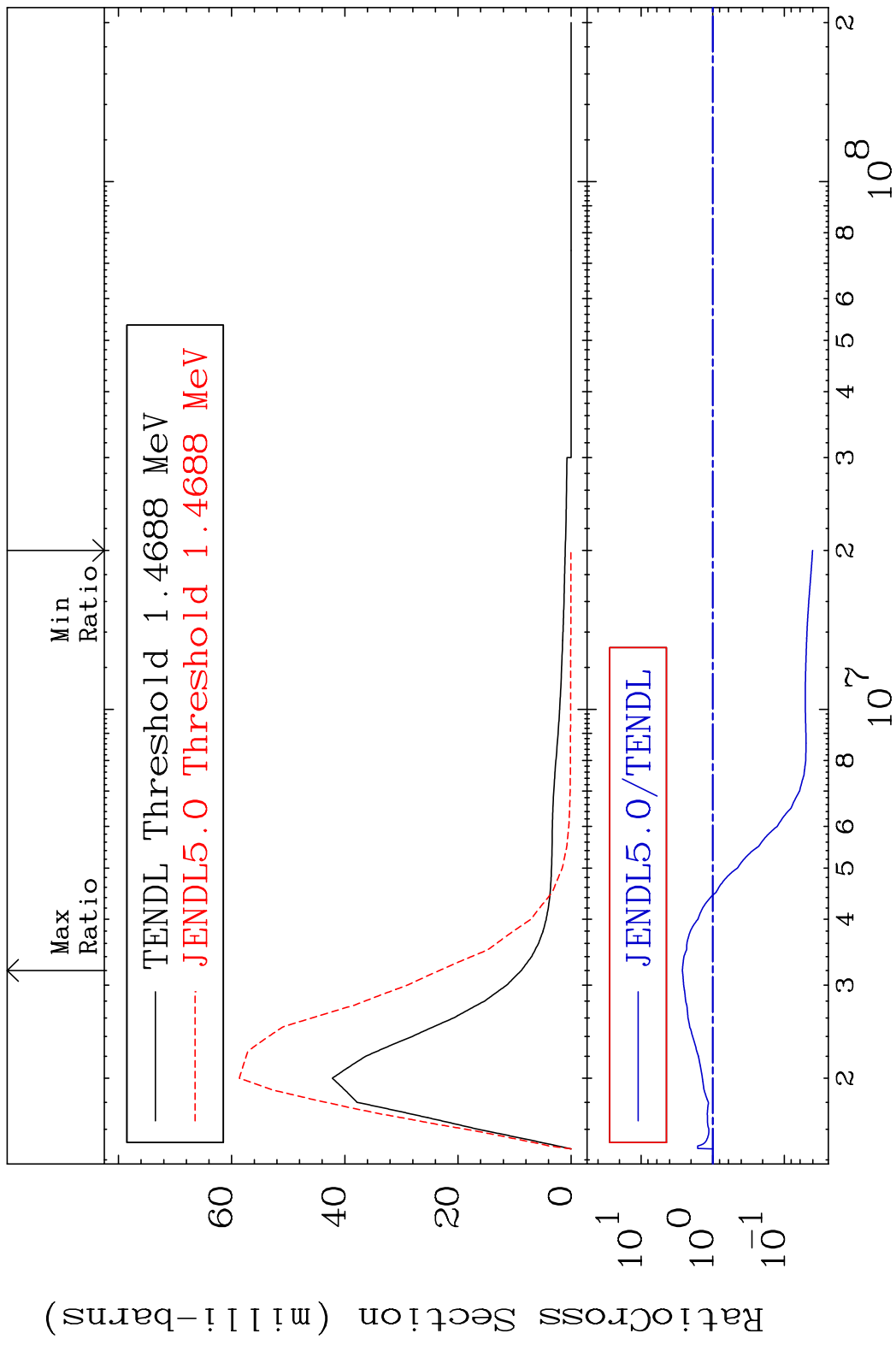
MAT 7631 MT= 62 (n, n') Level 76-0s-186
 Cross Section 0.000 To 9999. %



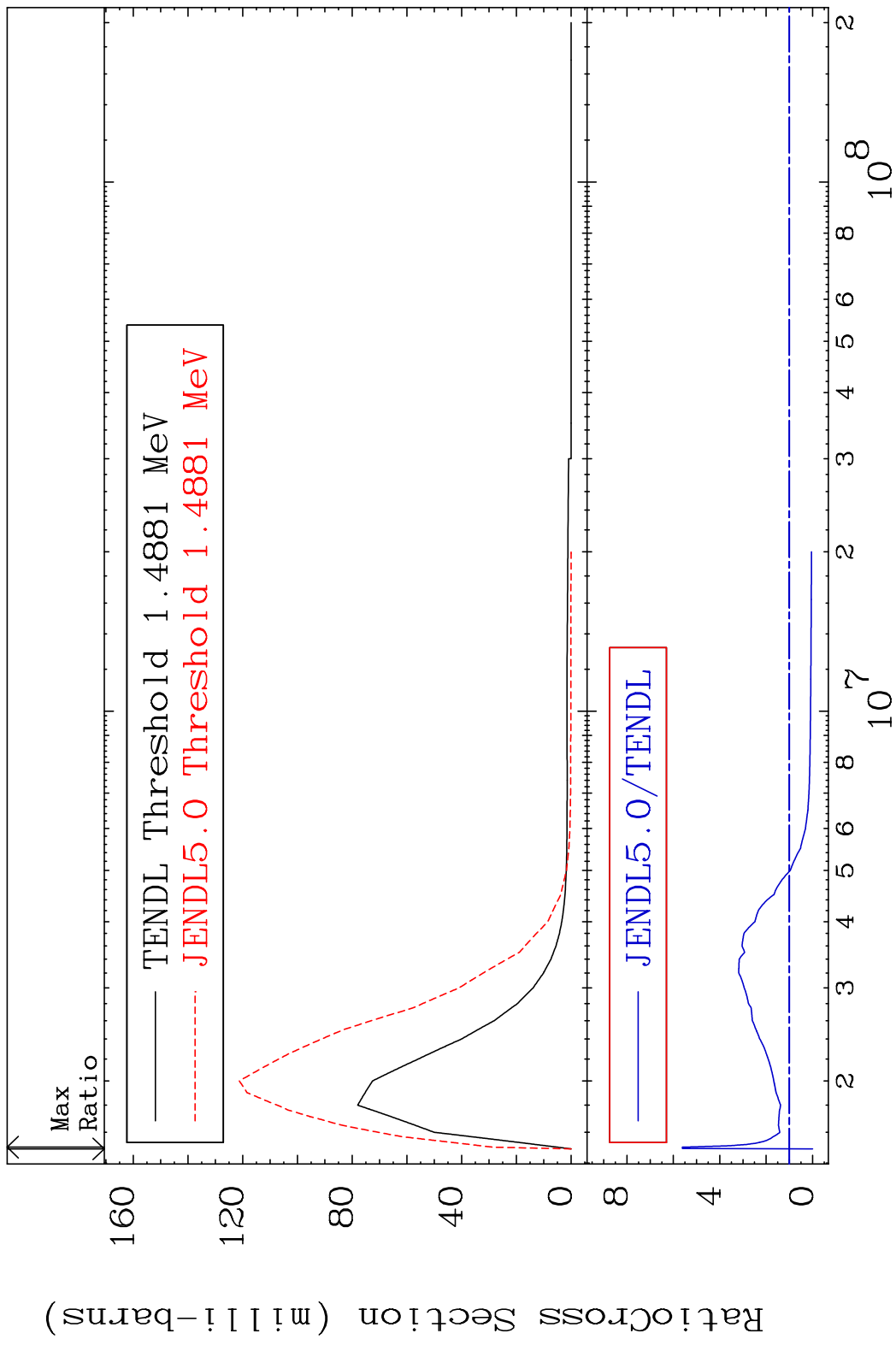
MAT 7631 MT= 63 (n, n') Level 76-0s-186
 Cross Section -100.0 To 9999. %



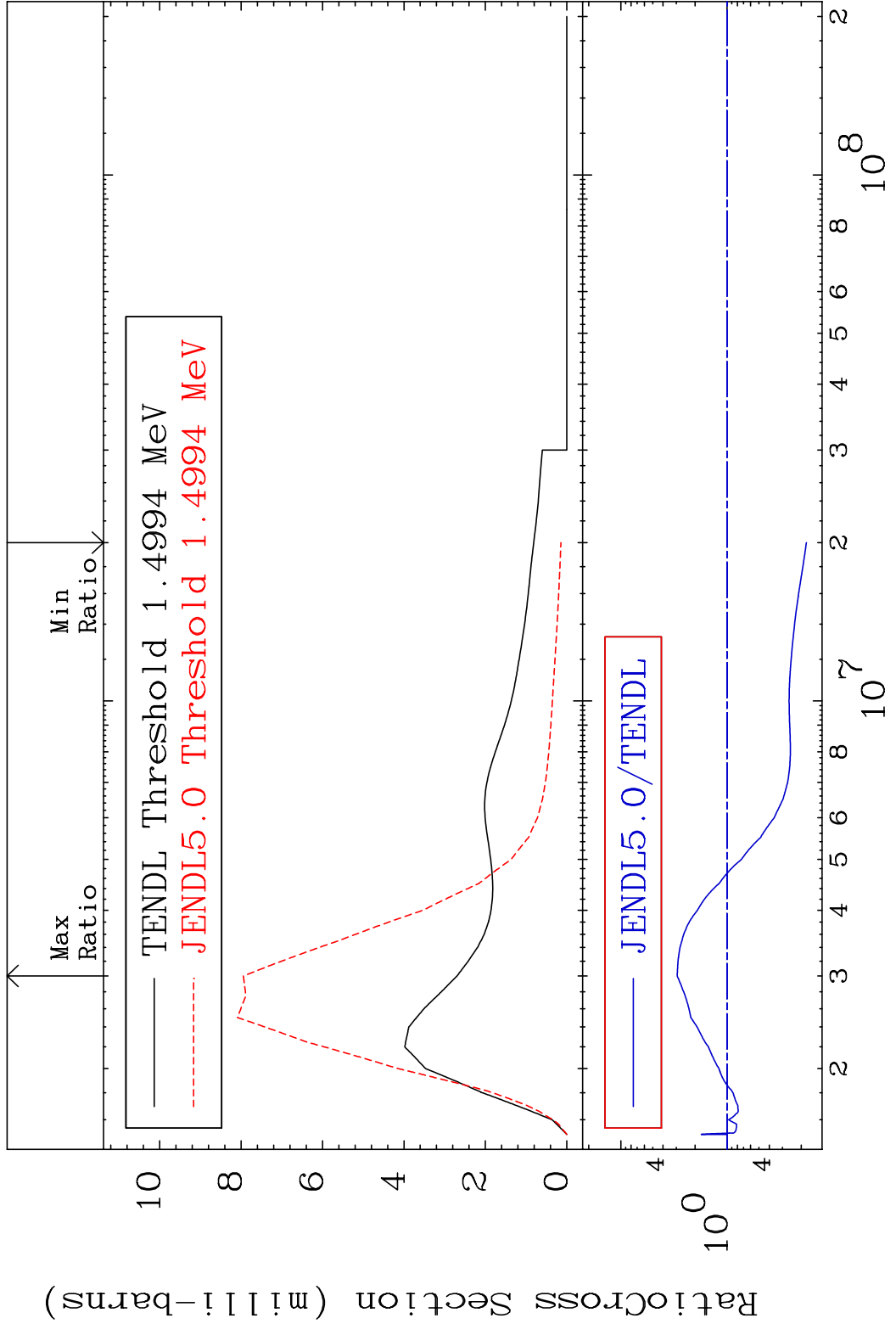
MAT 7631 MT= 64 (n,n') Level 76-0s-186
 Cross Section -95.97 To 164.9 %



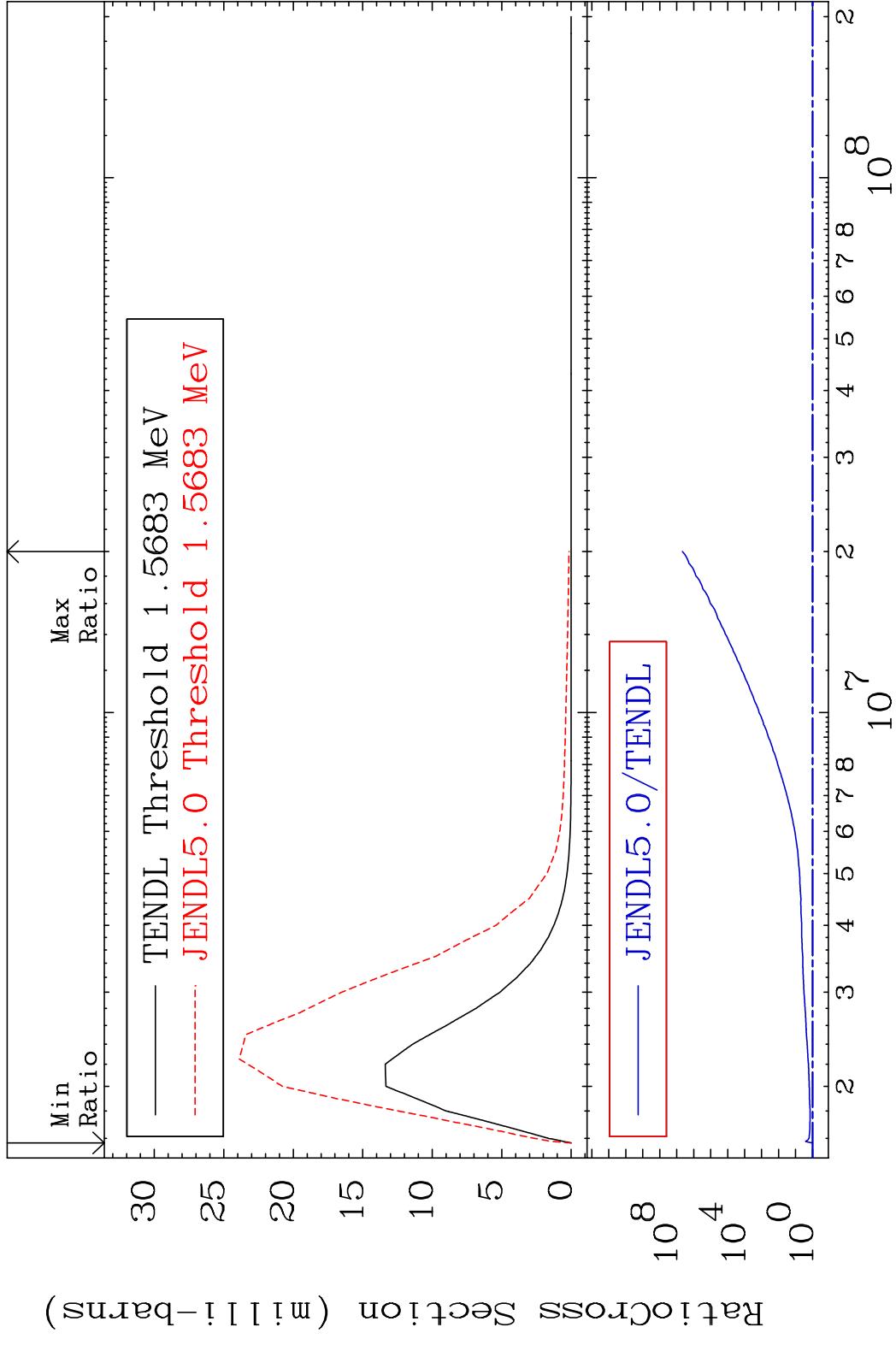
MAT 7631 MT= 65 (n,n') Level 76-0s-186
 Cross Section -100.0 To 461.2 %



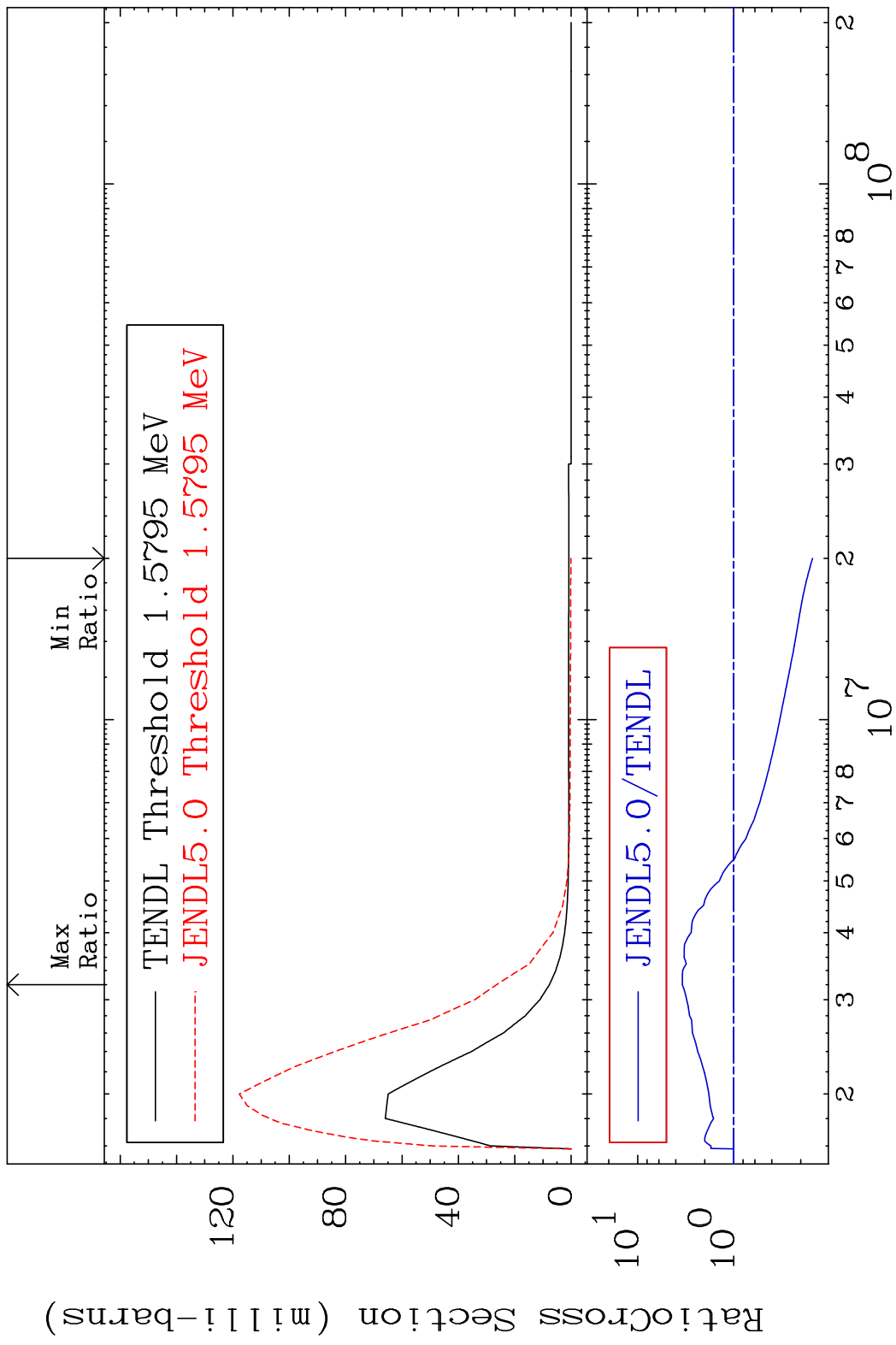
MAT 7631 MT= 66 (n,n') Level 76-0s-186
 Cross Section -82.11 To 194.6 %



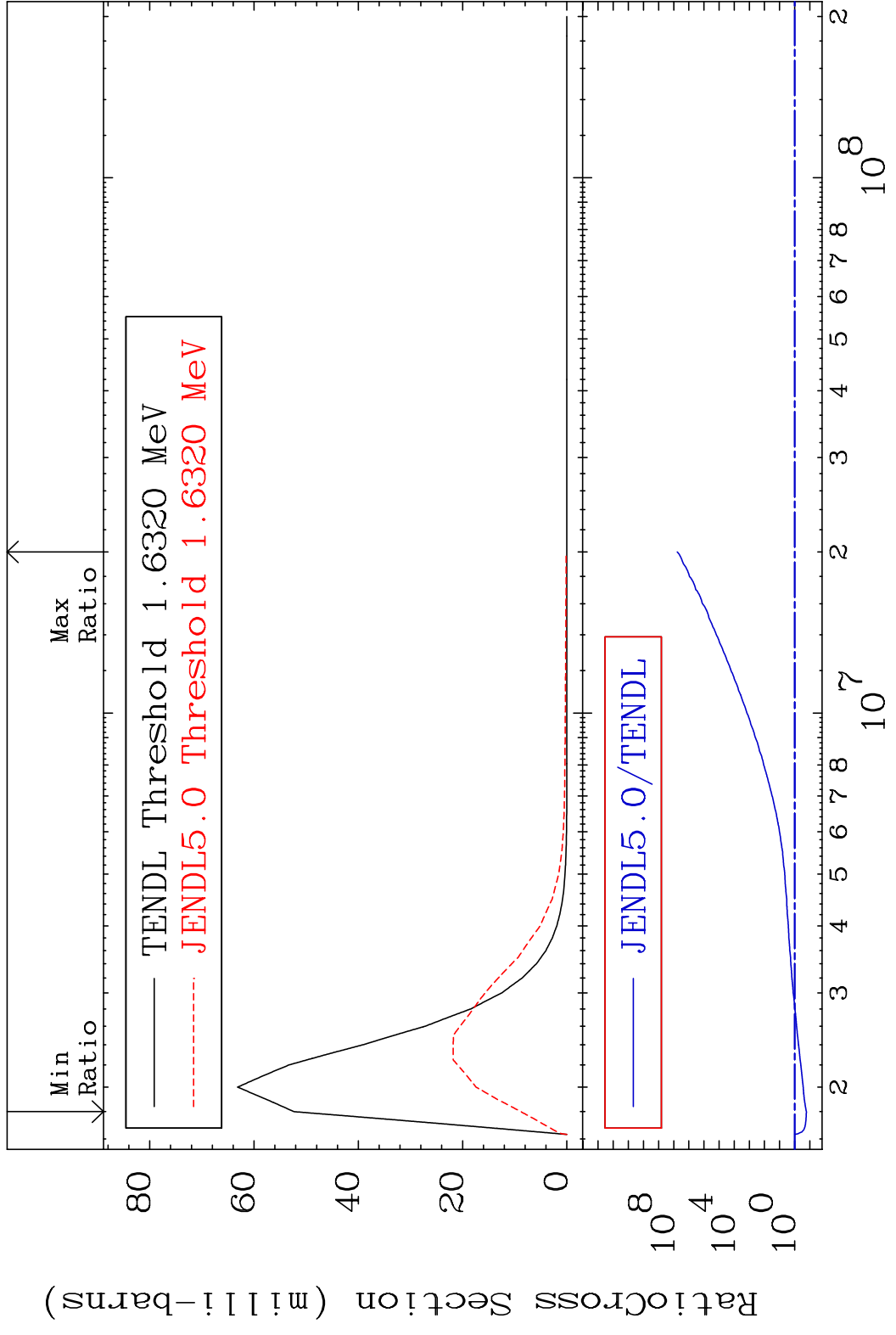
MAT 7631 MT= 67 (n, n') Level 76-0s-186
 Cross Section 0.000 To 9999. %



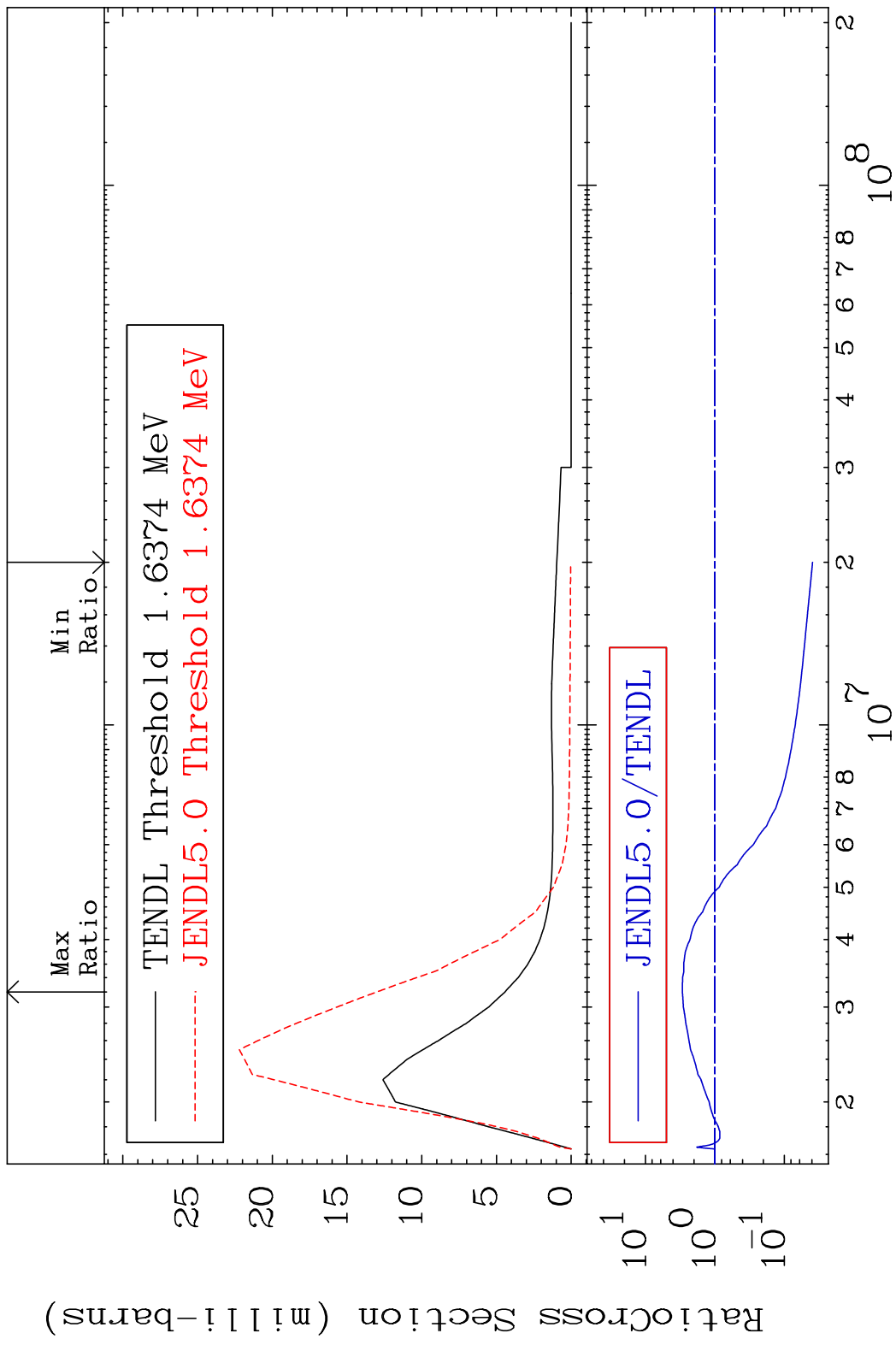
MAT 7631 MT= 68 (n, n') Level 76-0s-186
 Cross Section -84.91 To 242.2 %



MAT 7631 MT= 69 (n, n') Level 76-0s-186
 Cross Section -83.14 To 9999. %



MAT 7631 MT= 70 (n,n') Level 76-0s-186
 Cross Section -96.08 To 193.7 %

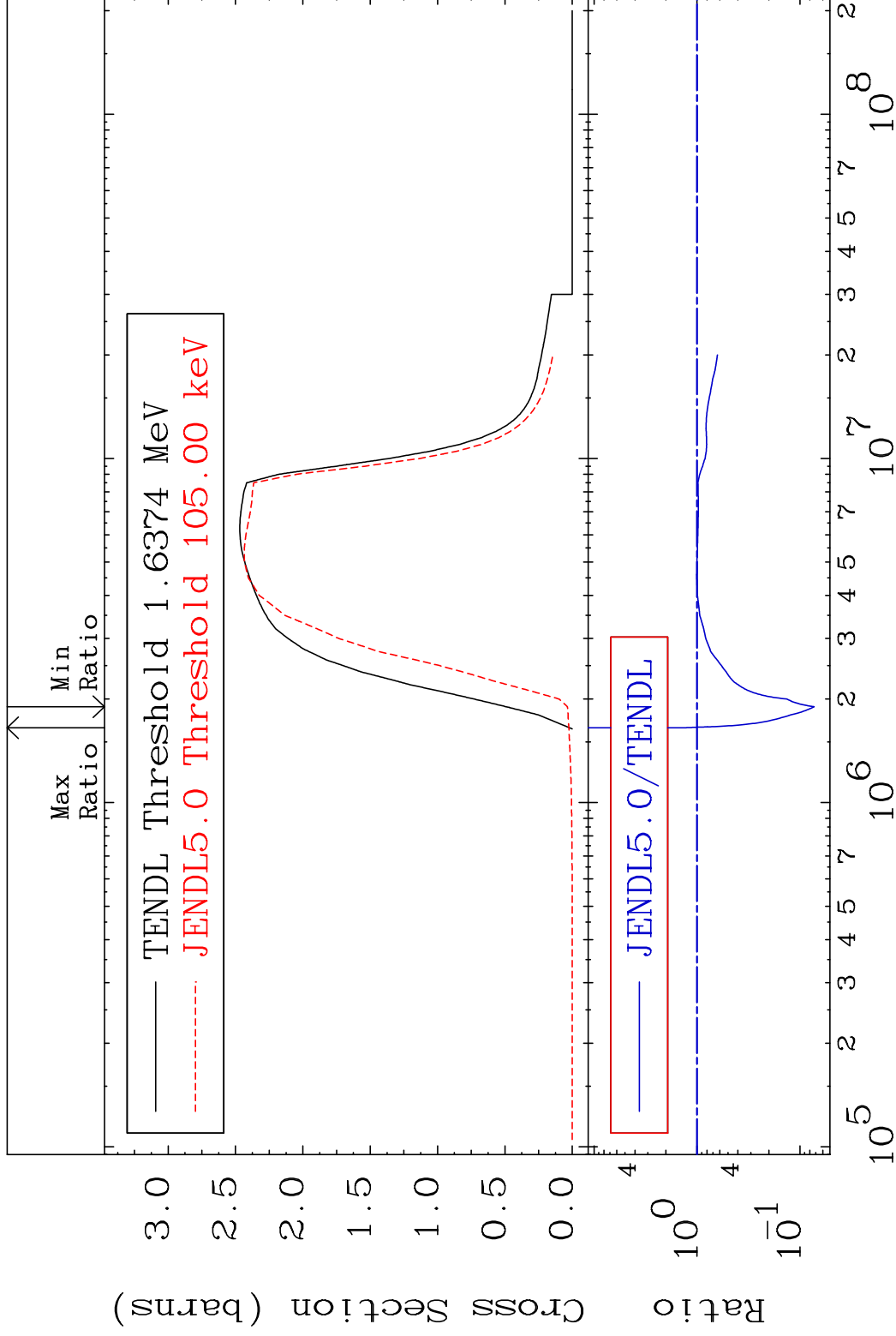


MAT 7631

(n, n') Continuum

76-0s-186

Cross Section -92.72 To 34.67 %



32

Incident Energy (eV)

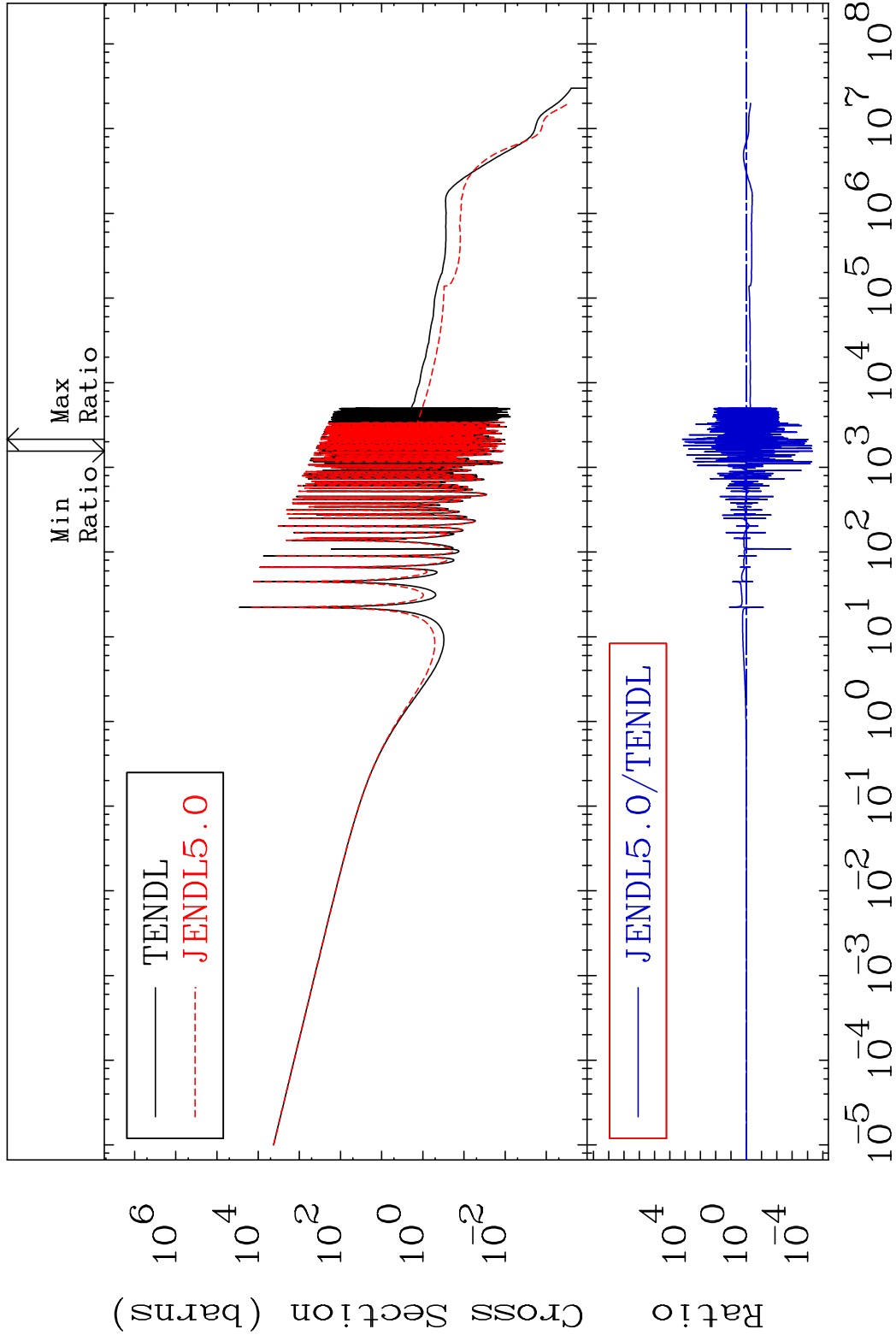
76-0s-186

MAT 7631

(n, γ)

76-0s-186

Cross Section -100.0 To 9999. %



33

Incident Energy (eV)

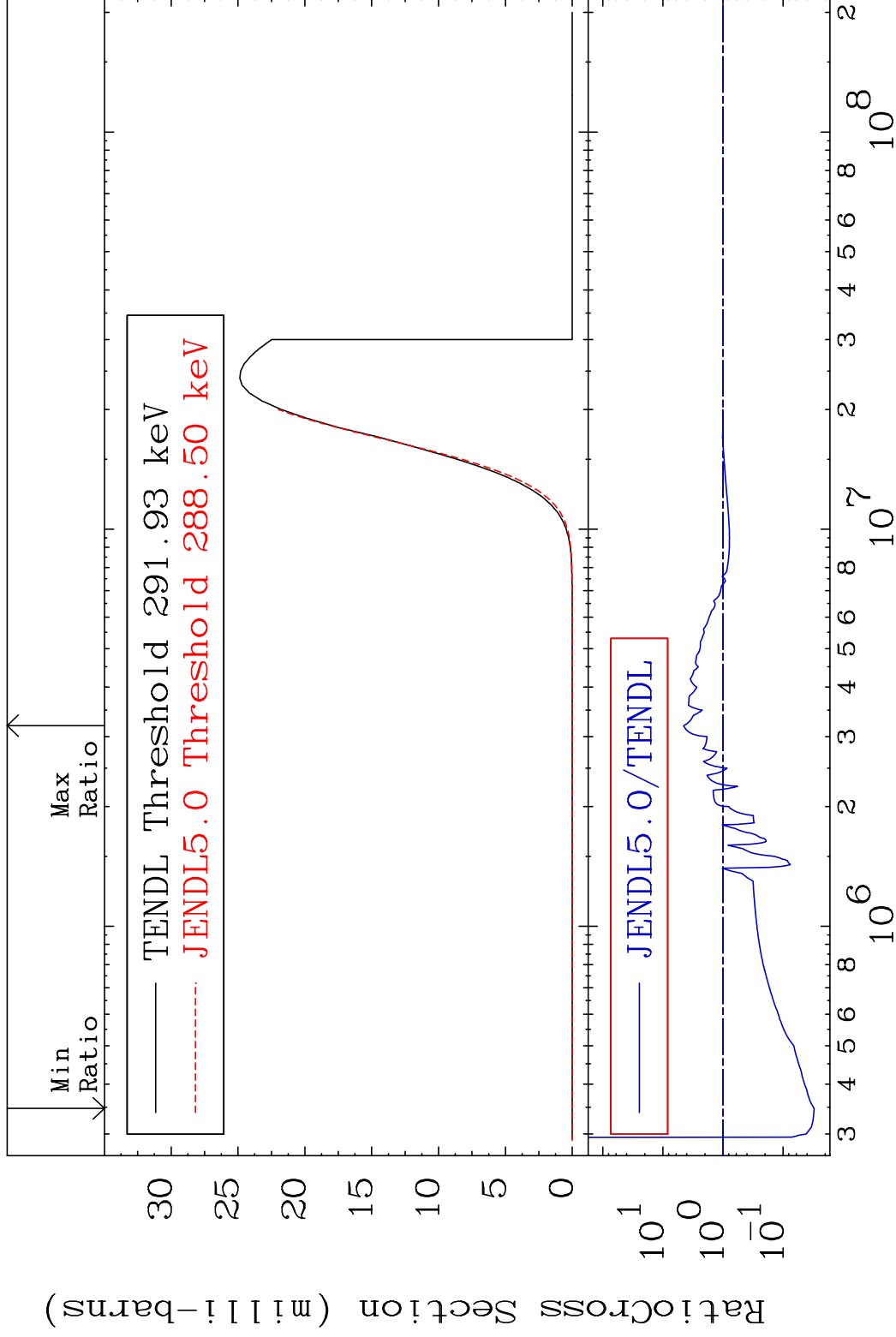
76-0s-186

MAT 7631

(n, p)

76-Os-186

Cross Section -96.95 To 350.7 %



34

Incident Energy (eV)

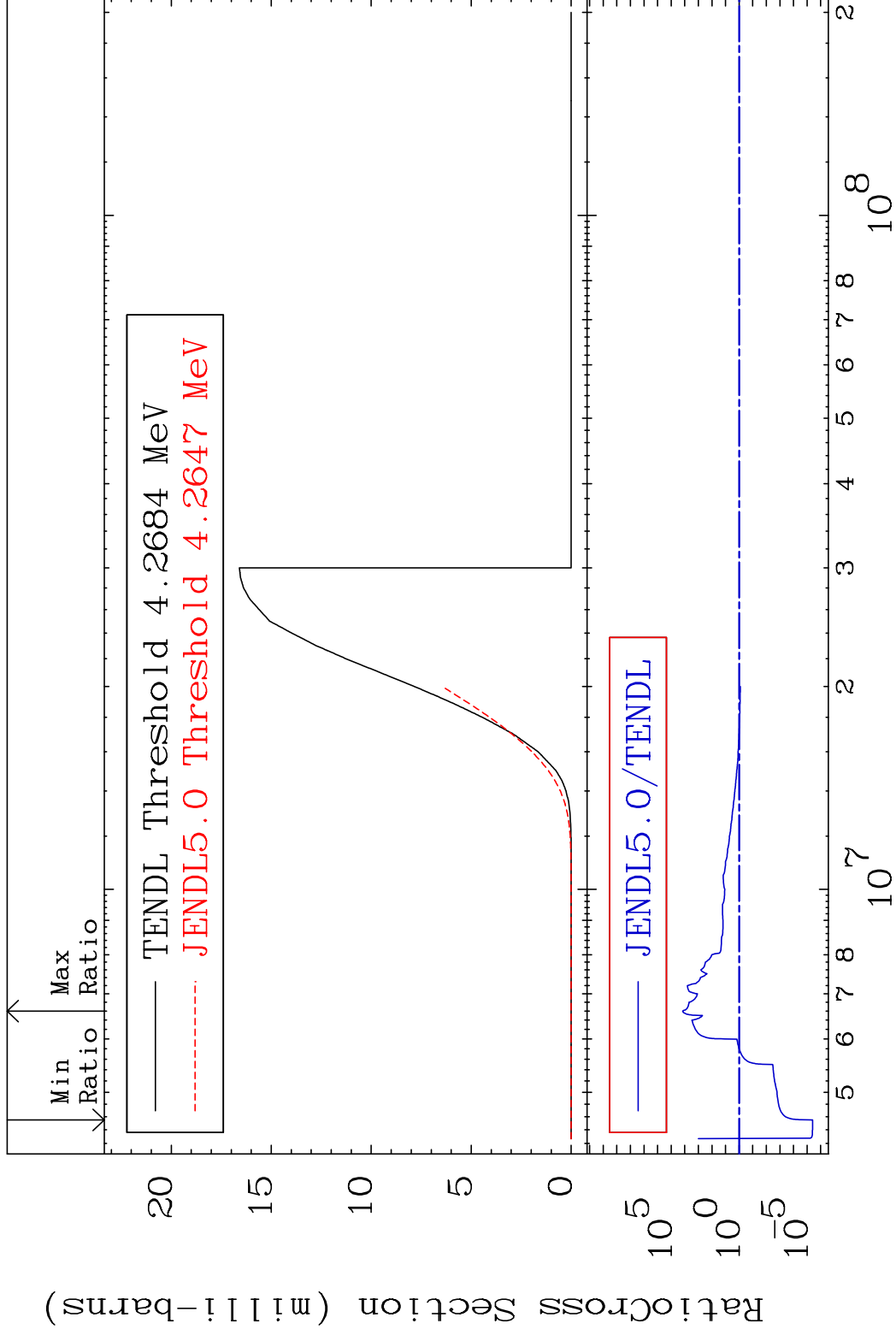
76-Os-186

MAT 7631

(n,d)

76-0s-186

Cross Section -100.0 To 9999. %



35

Incident Energy (eV)

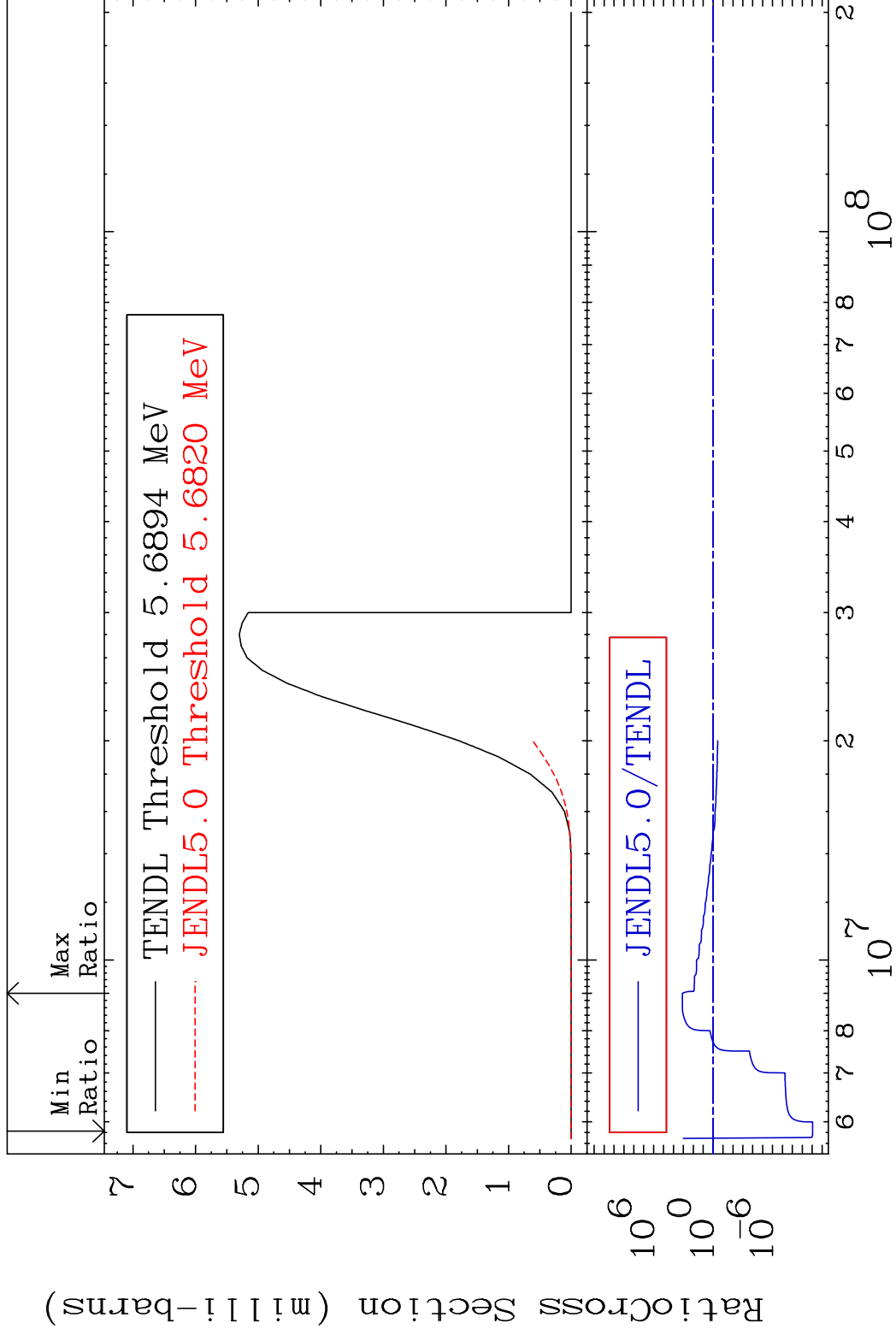
76-0s-186

MAT 7631

(n, t)

76-0s-186

Cross Section -100.0 To 9999. %



36

Incident Energy (eV)

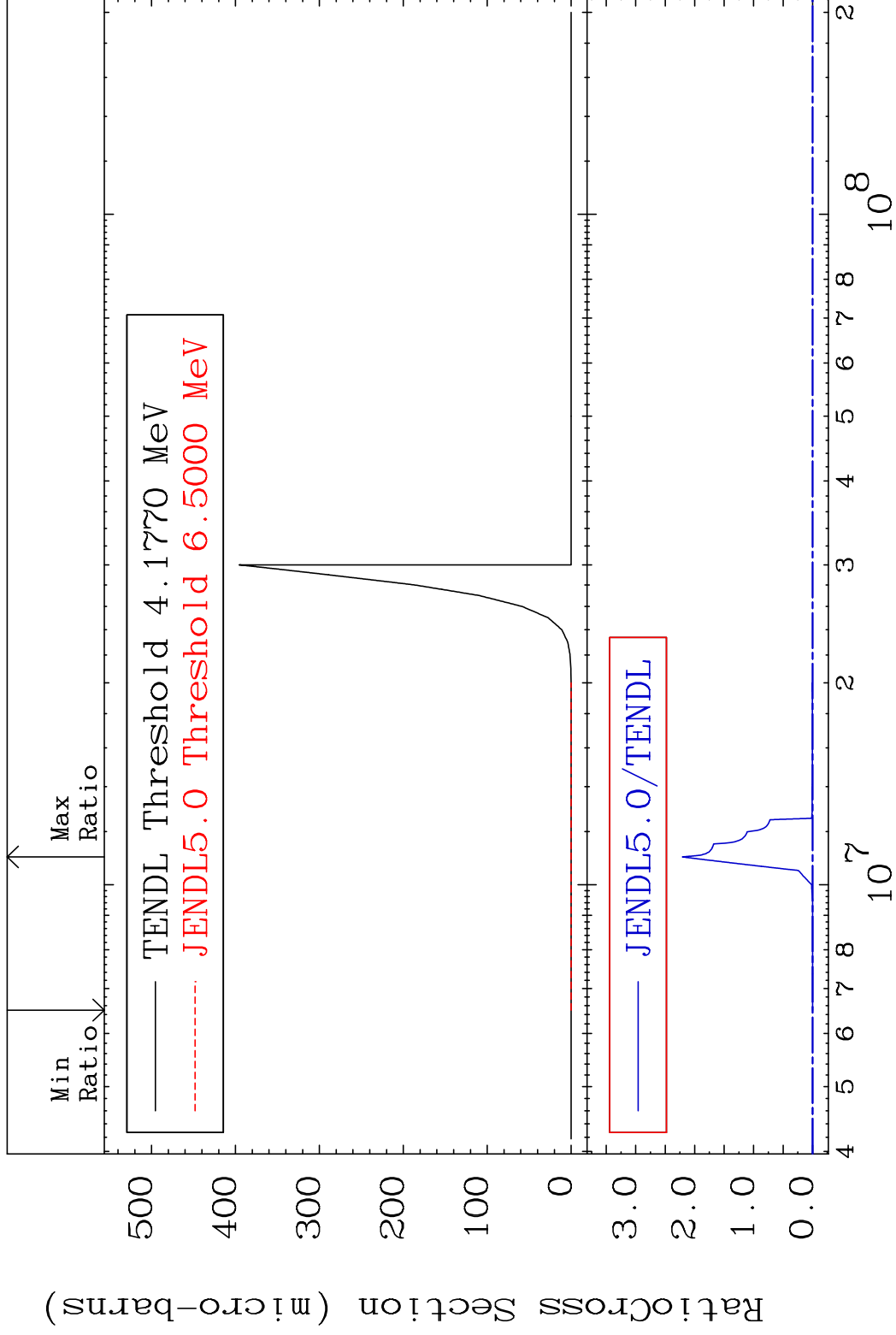
76-0s-186

MAT 7631

(n, He-3)

76-0s-186

Cross Section -100.0 To 9999. %



37

Incident Energy (eV)

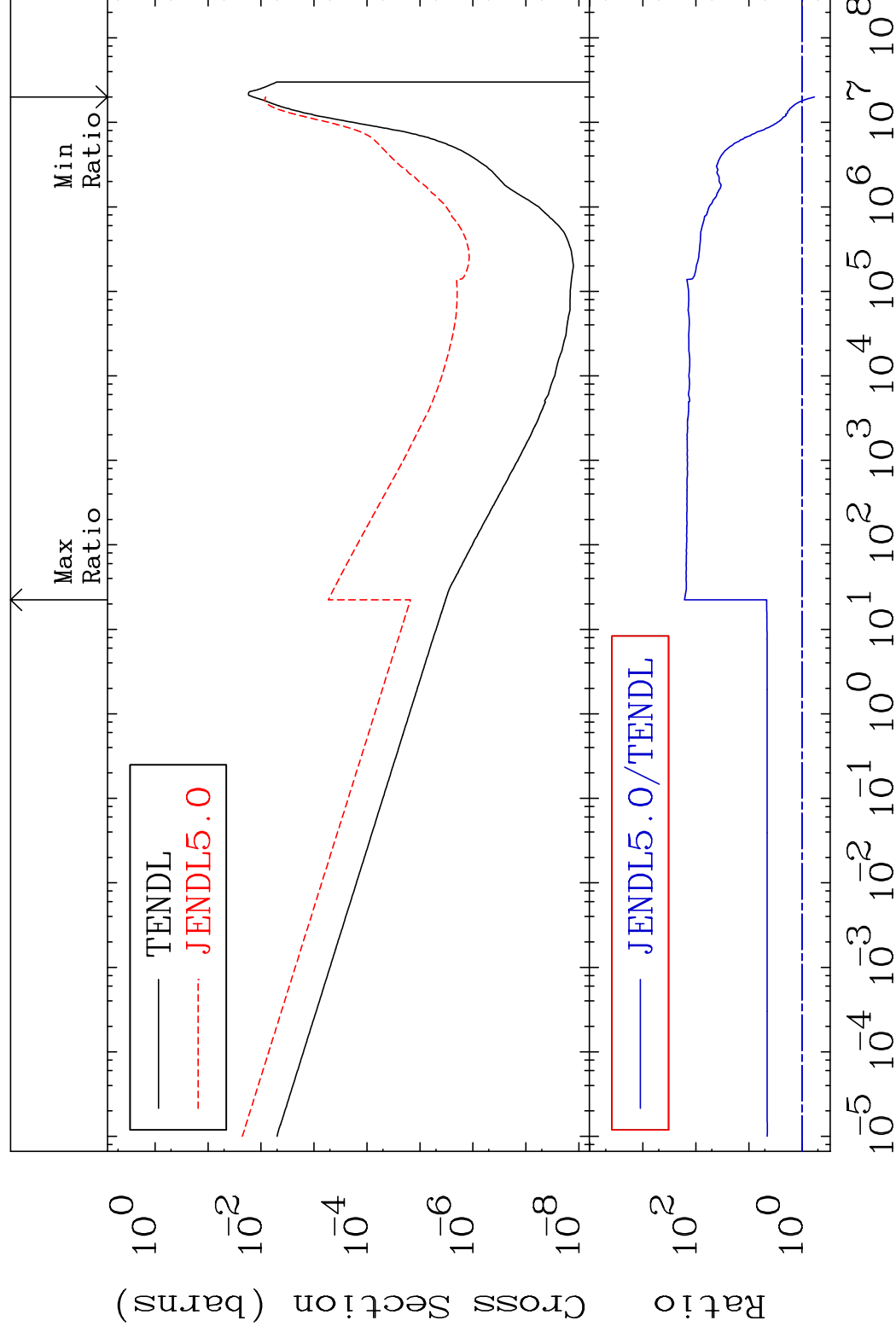
76-0s-186

MAT 7631

76-Os-186

(n, α)

Cross Section -41.90 To 9999. %



38

Incident Energy (eV)

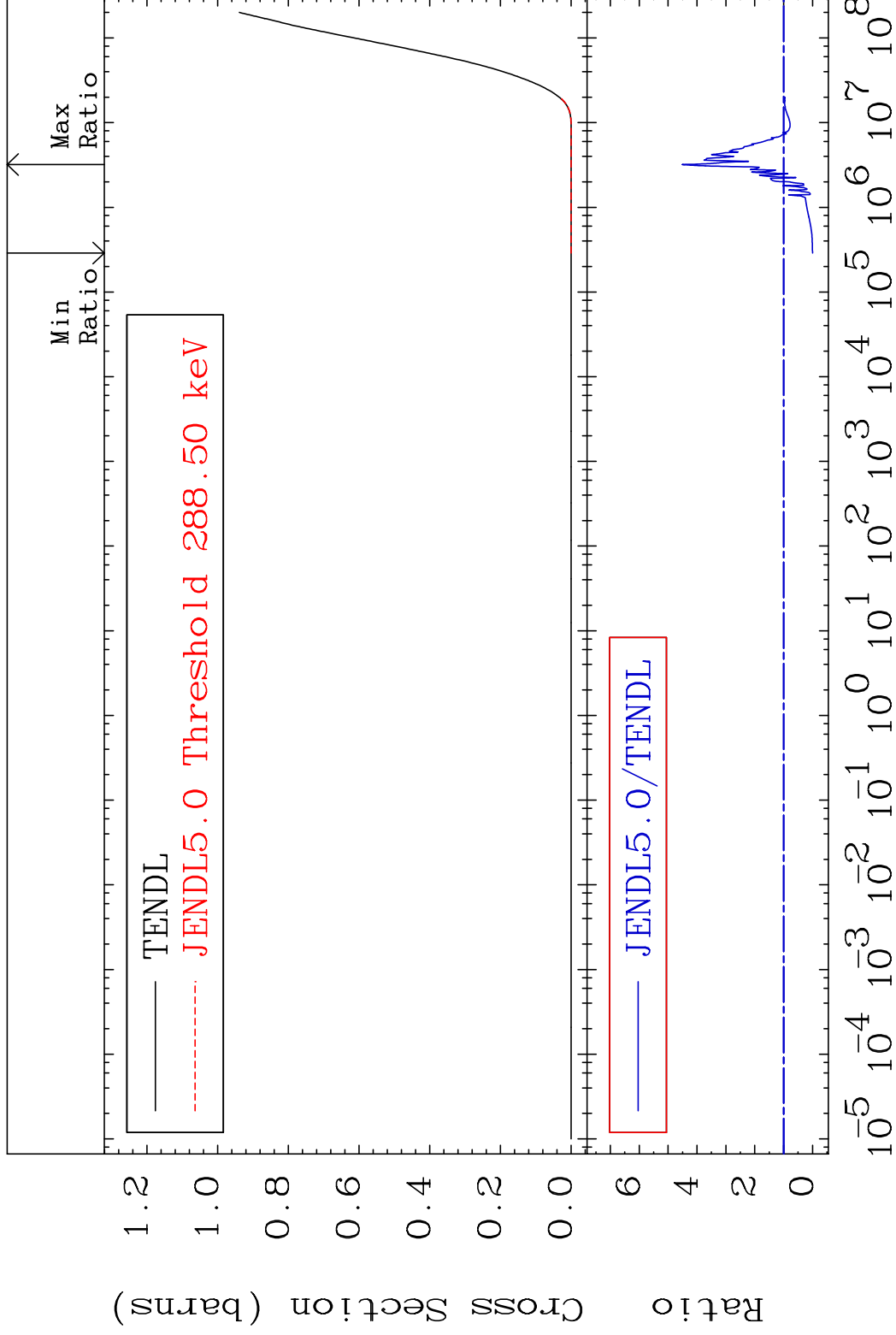
76-Os-186

MAT 7631

Hydrogen Production

76-Os-186

Cross Section -100.0 To 350.7 %

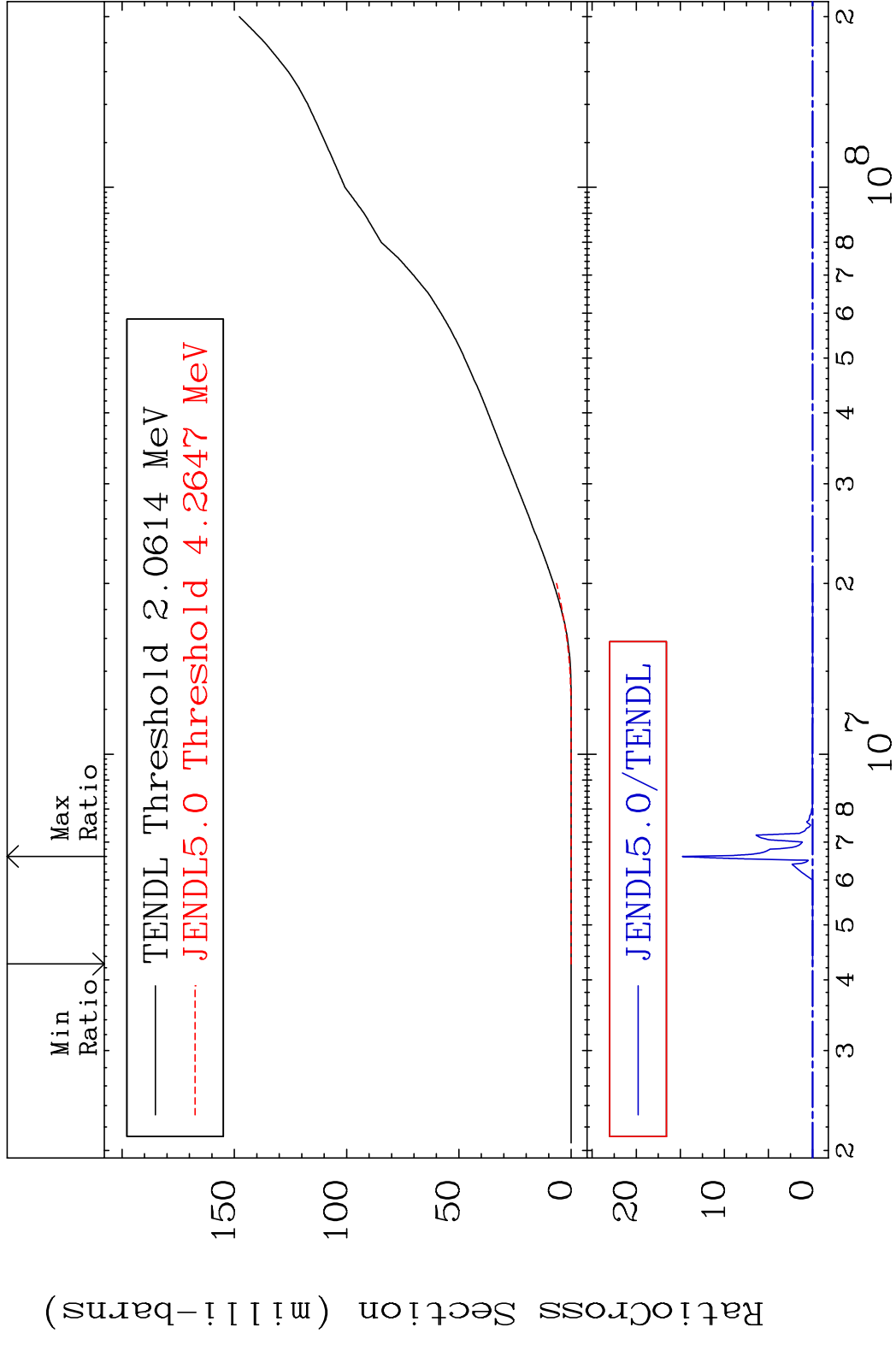


39

Incident Energy (eV)

76-Os-186

MAT 7631 Deuterium Production 76-0s-186
 Cross Section -100.0 To 9999. %

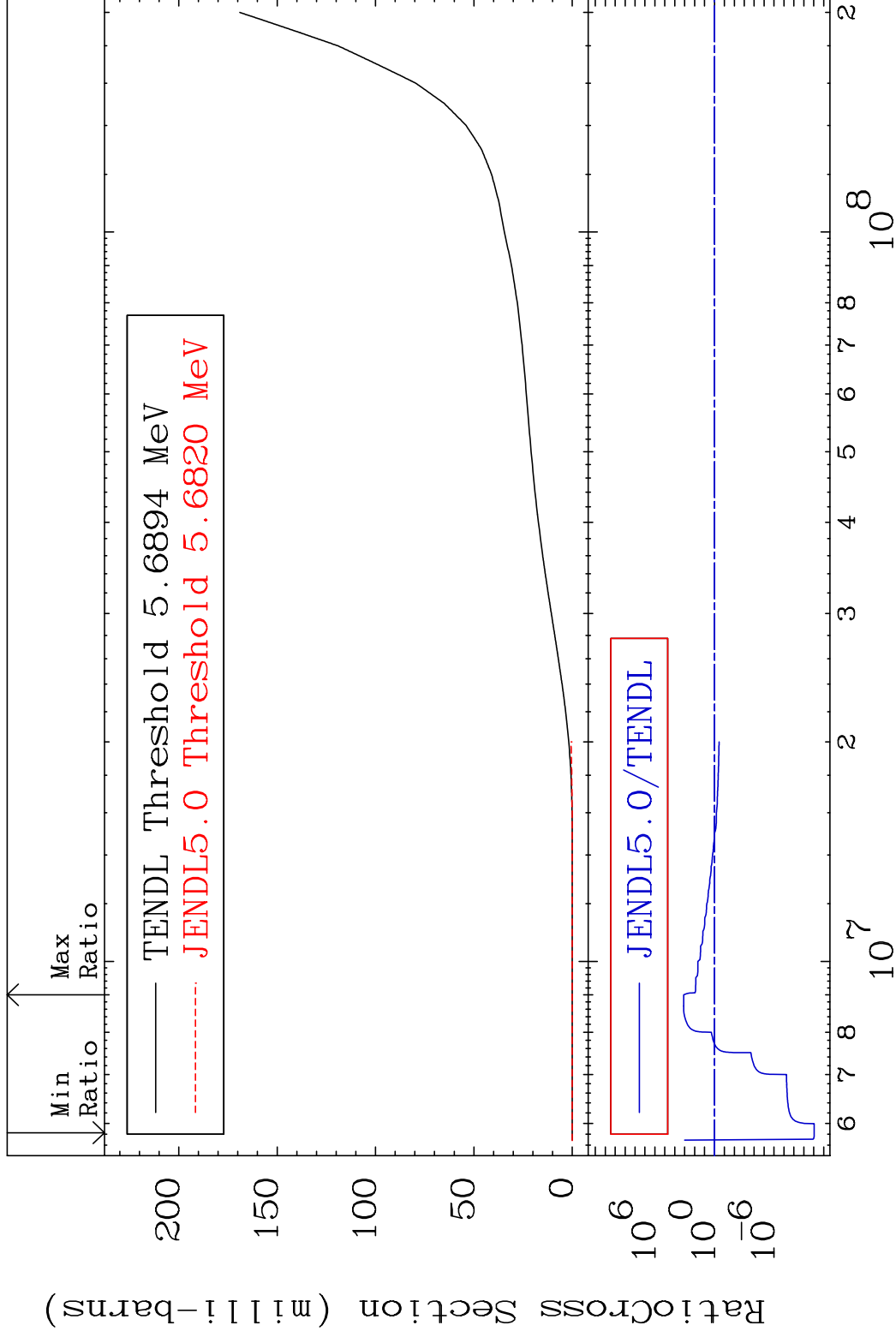


40 Incident Energy (eV) 76-0s-186

MAT 7631

Tritium Production 76-0s-186

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

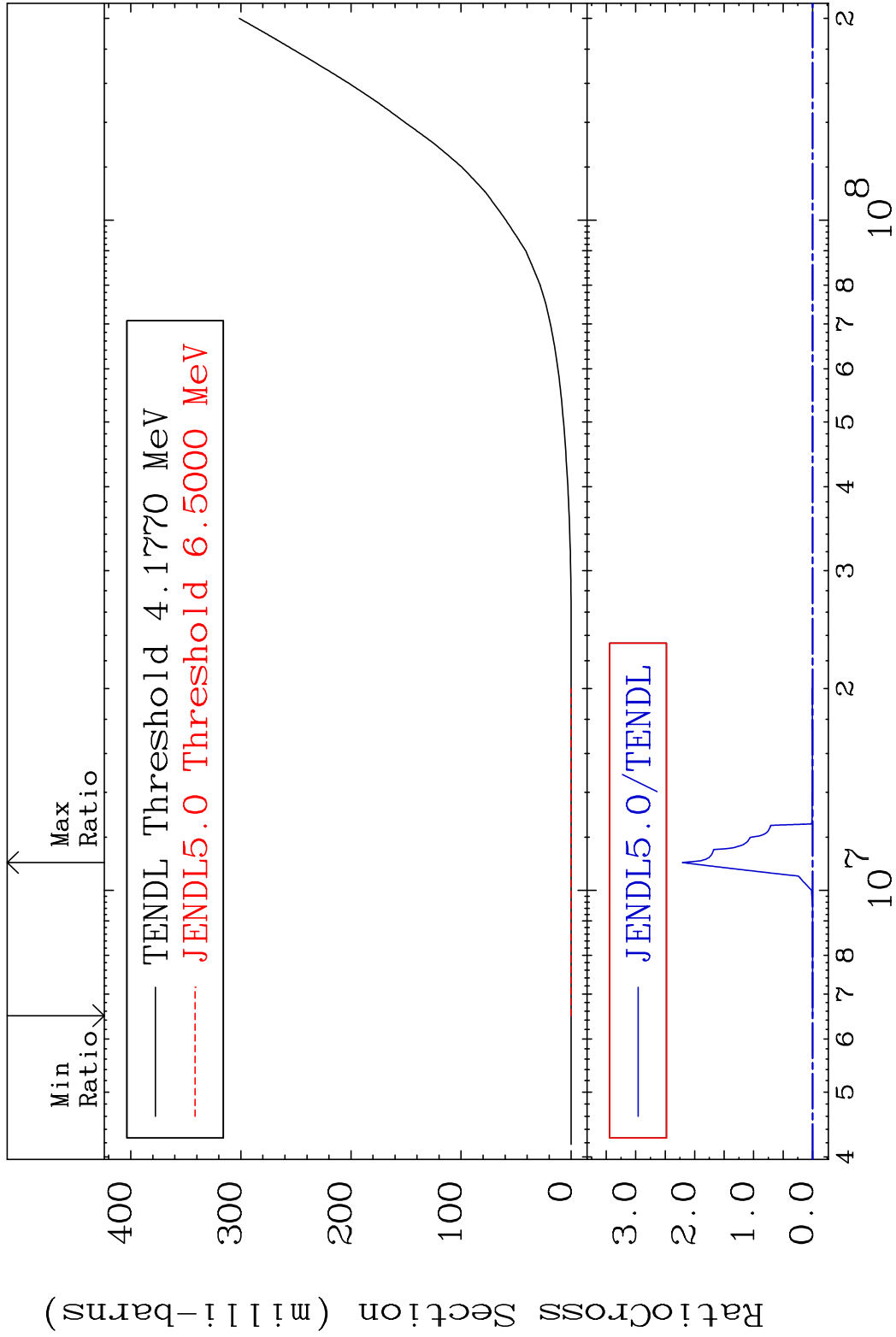
76-0s-186

MAT 7631

He-3 Production

76-0s-186

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

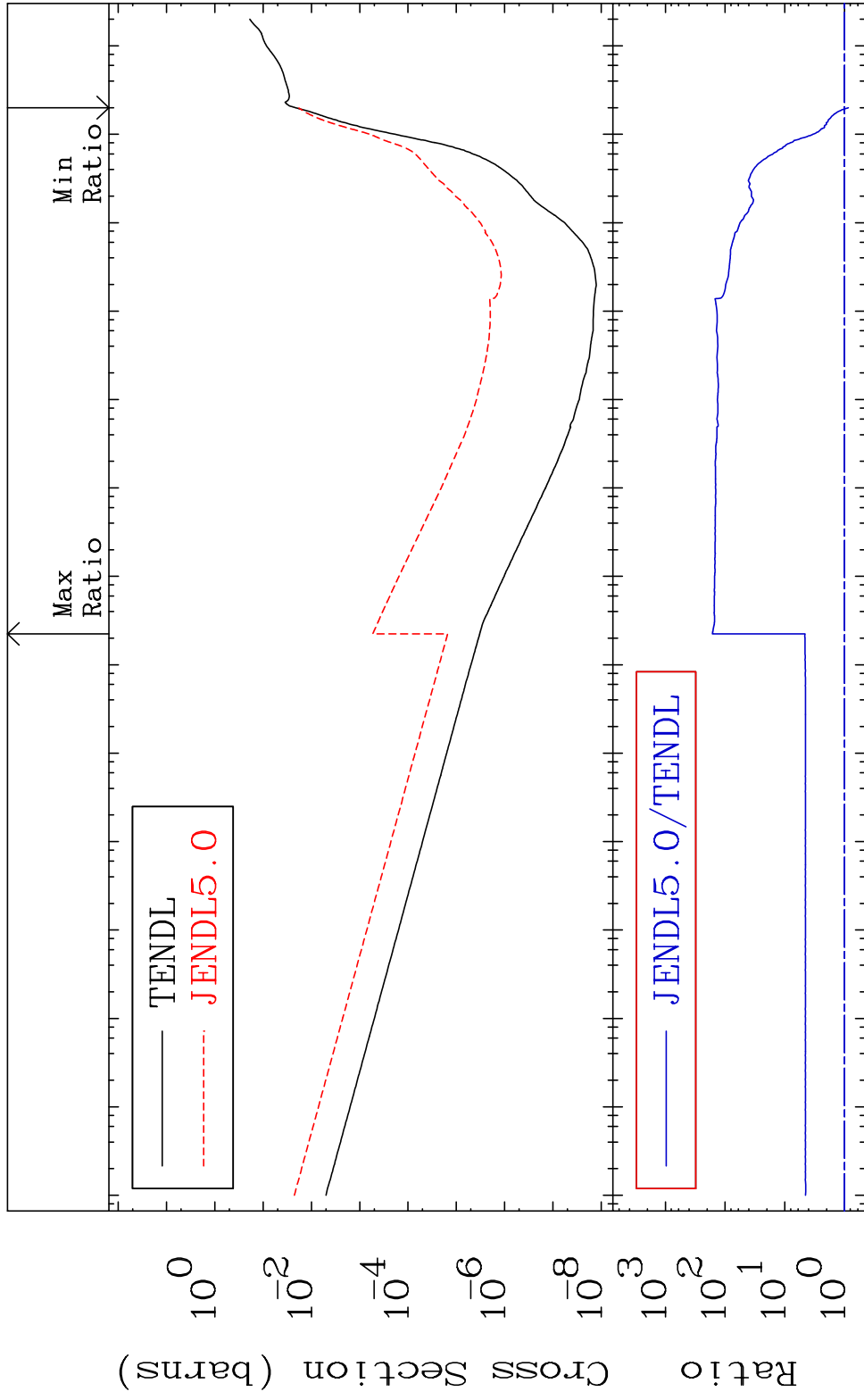
76-0s-186

MAT 7631

He-4 Production

76-0s-186

Cross Section -13.45 To 9999. %



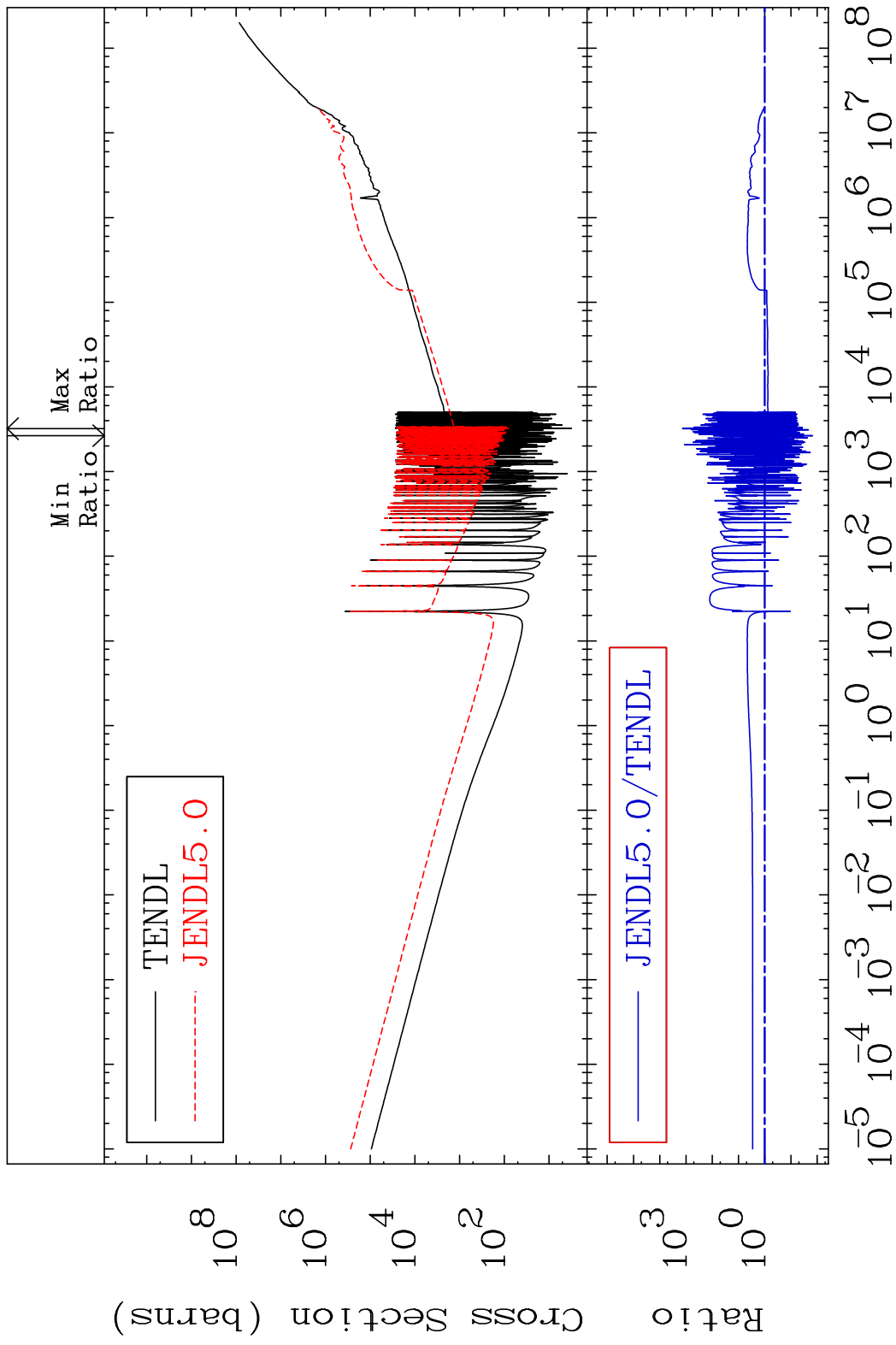
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

43

Incident Energy (eV)

76-0s-186

MAT 7631 Kerma total (eV-barns) 76-0s-186
 Cross Section -98.49 To 9999. %

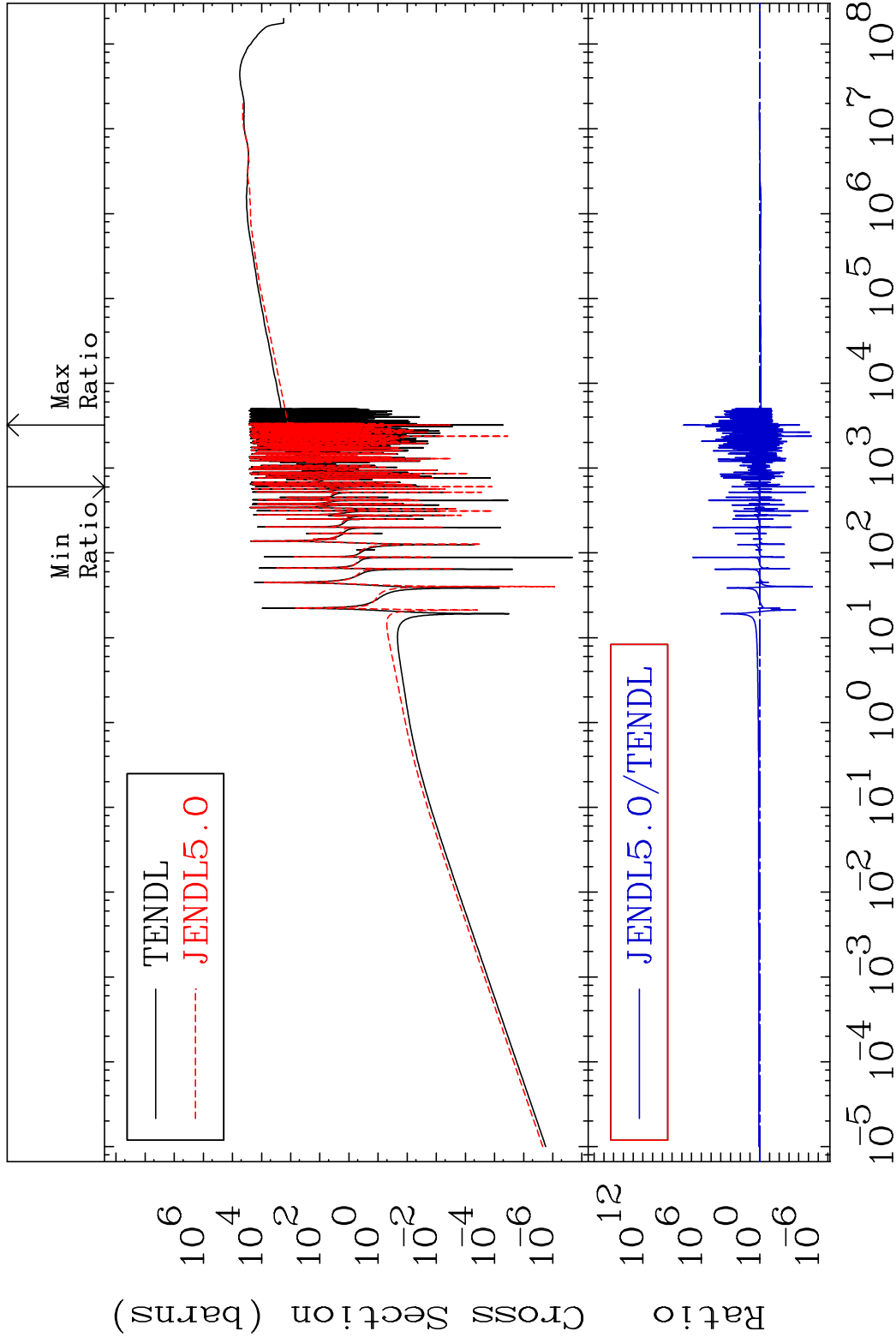


MAT 7631

Kerma elastic

76-0s-186

Cross Section -100.0 To 9999. %

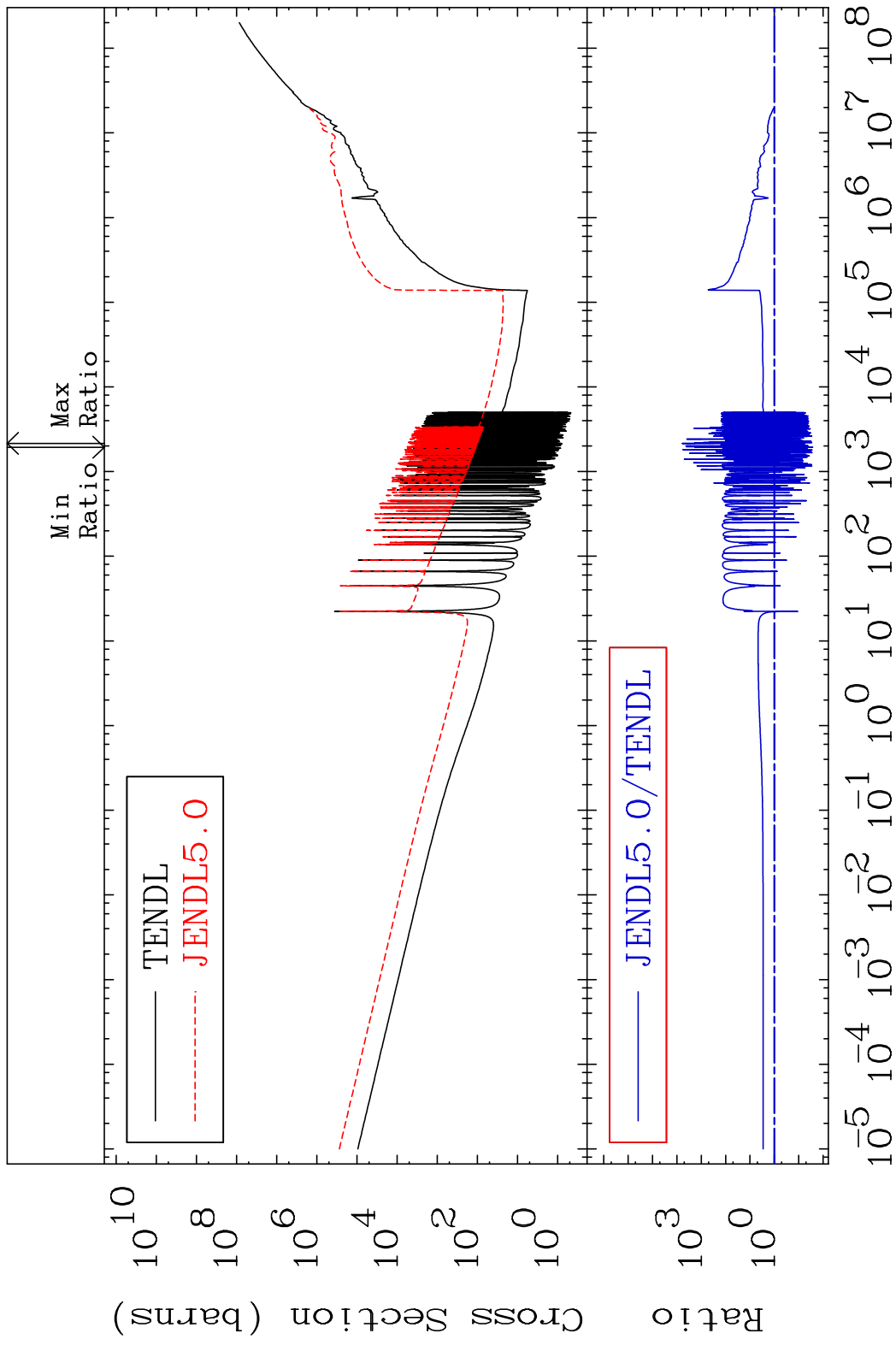


45

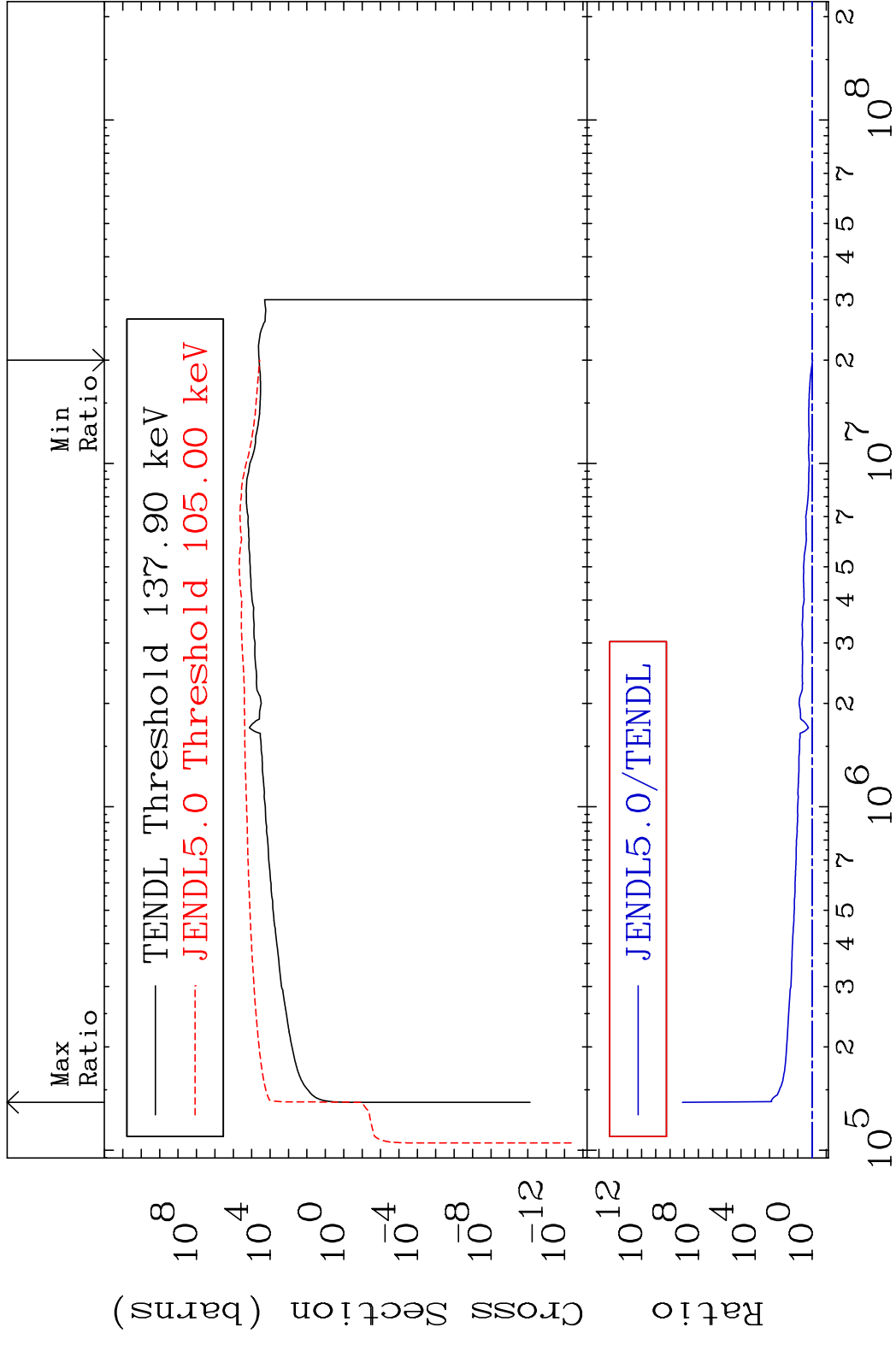
Incident Energy (eV)

76-0s-186

MAT 7631 Kerma non-elastic (all but mt2) 76-Os-186
 Cross Section -97.29 To 9999. %

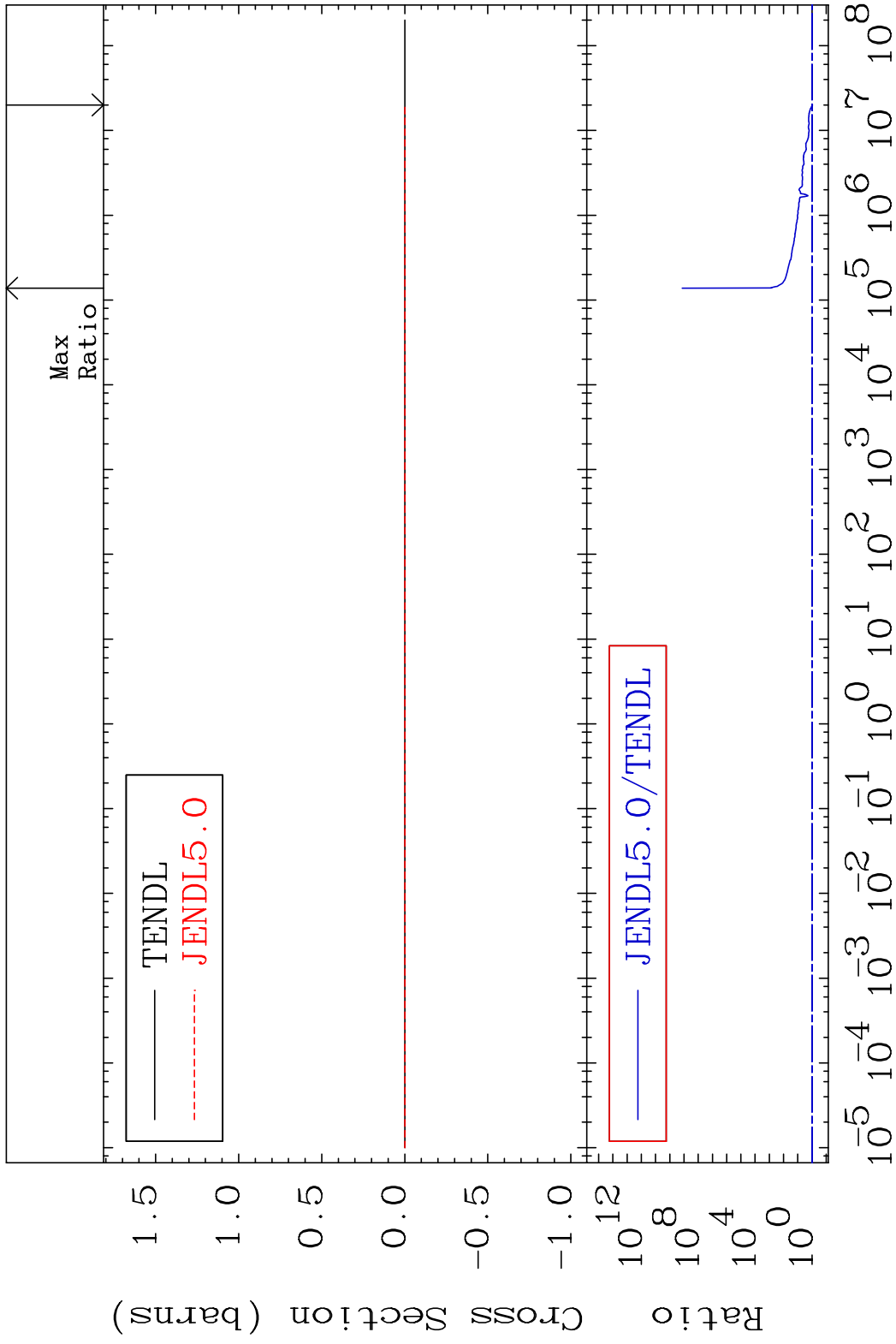


MAT 7631 Kerma inelastic (mt51-91) 76-0s-186
 Cross Section -7.396 To 9999. %

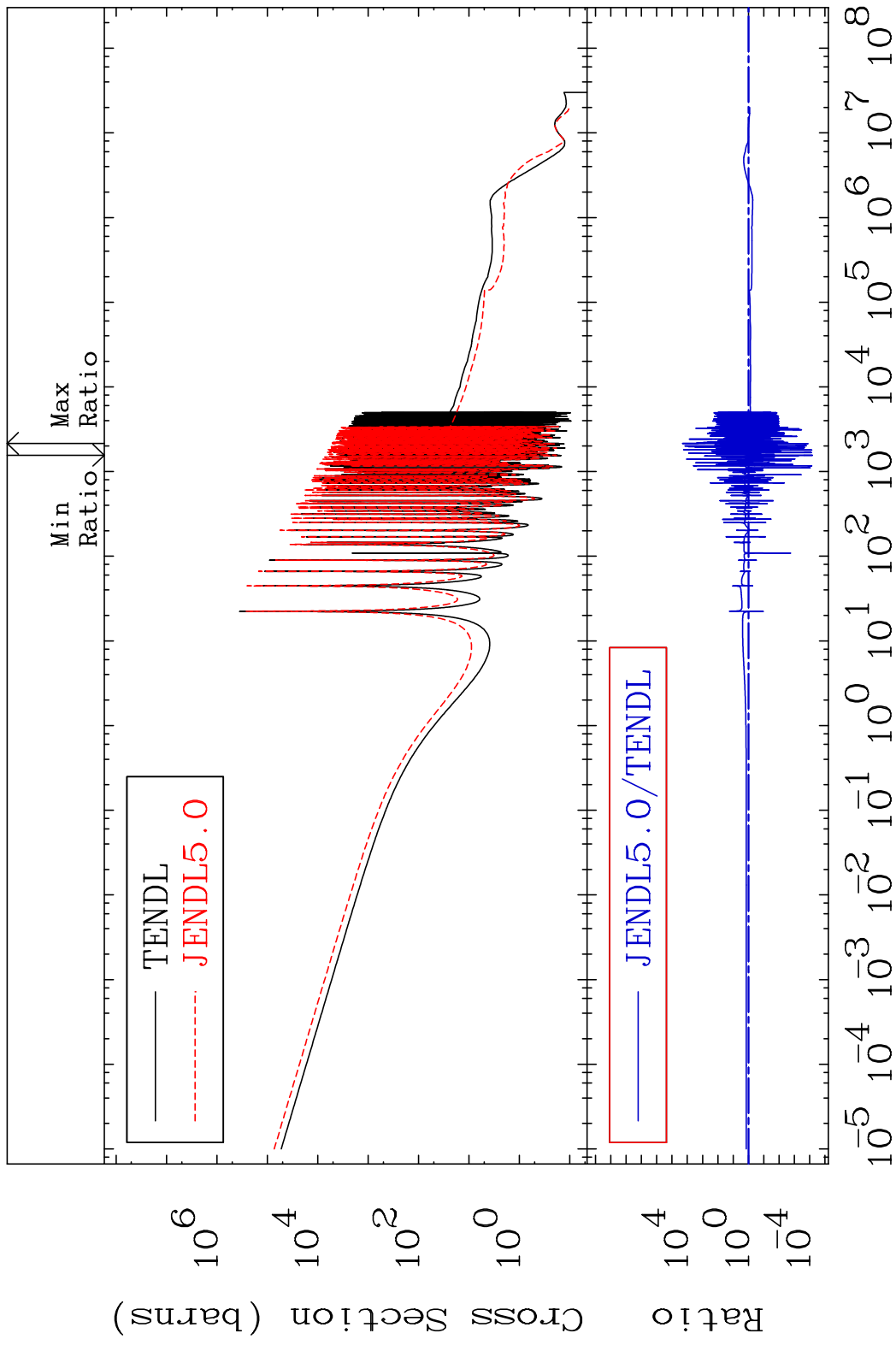


47 Incident Energy (eV) 76-0s-186

MAT 7631 Kerma fission (mt18 or mt19-20-21-38)76-0s-186
 Cross Section -7.396 To 9999. %

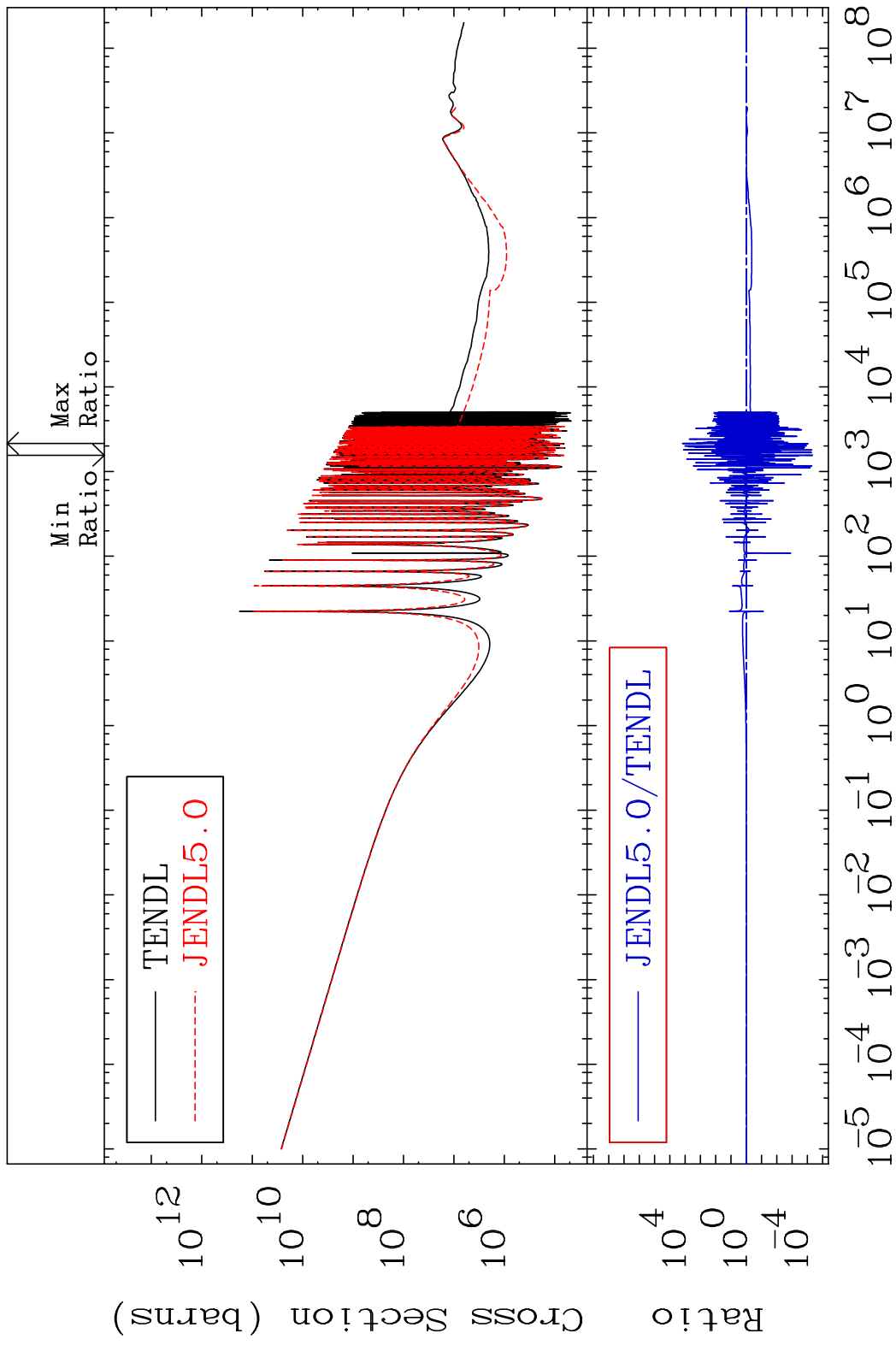


MAT 7631 Kerma capture (mt102) 76-Os-186
Cross Section -99.99 To 9999. %



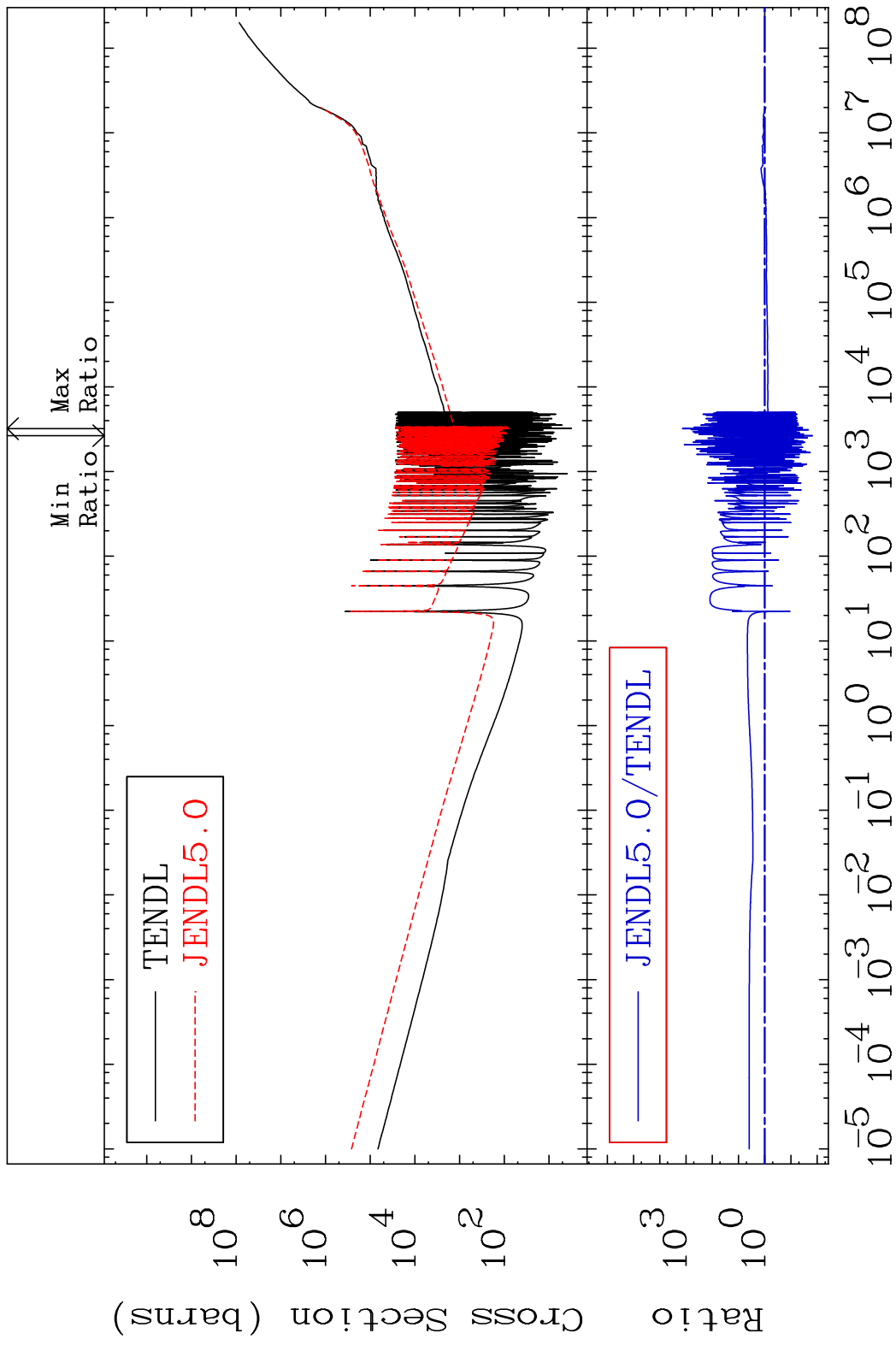
49 Incident Energy (eV) 76-Os-186

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



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

MAT 7631 Total kinematic kerma (high limit) 76-0s-186
 Cross Section -98.50 To 9999. %

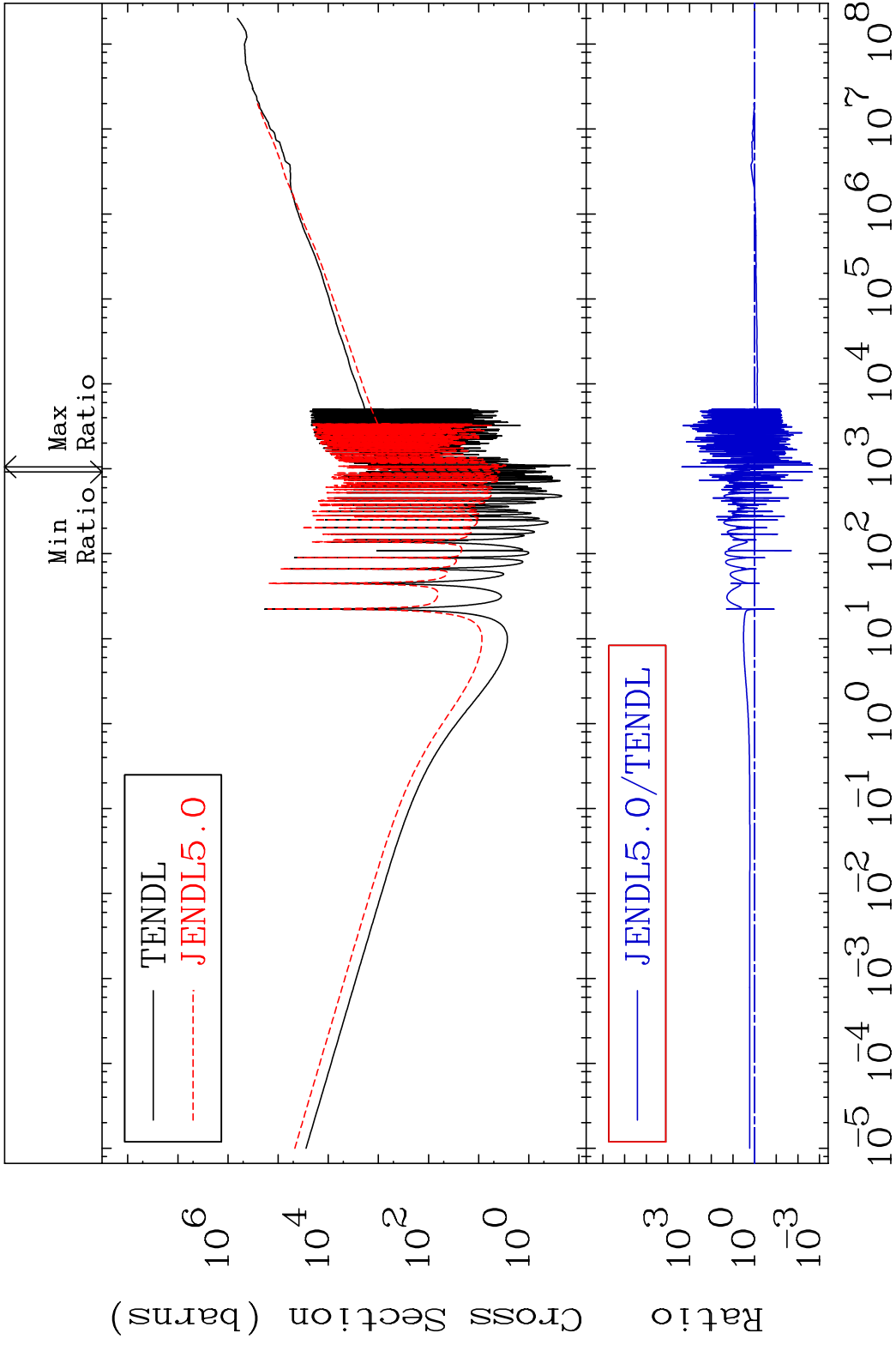


MAT 7631

Dpa total (eV-barns)

76-0s-186

Cross Section -99.78 To 9999. %



52

Incident Energy (eV)

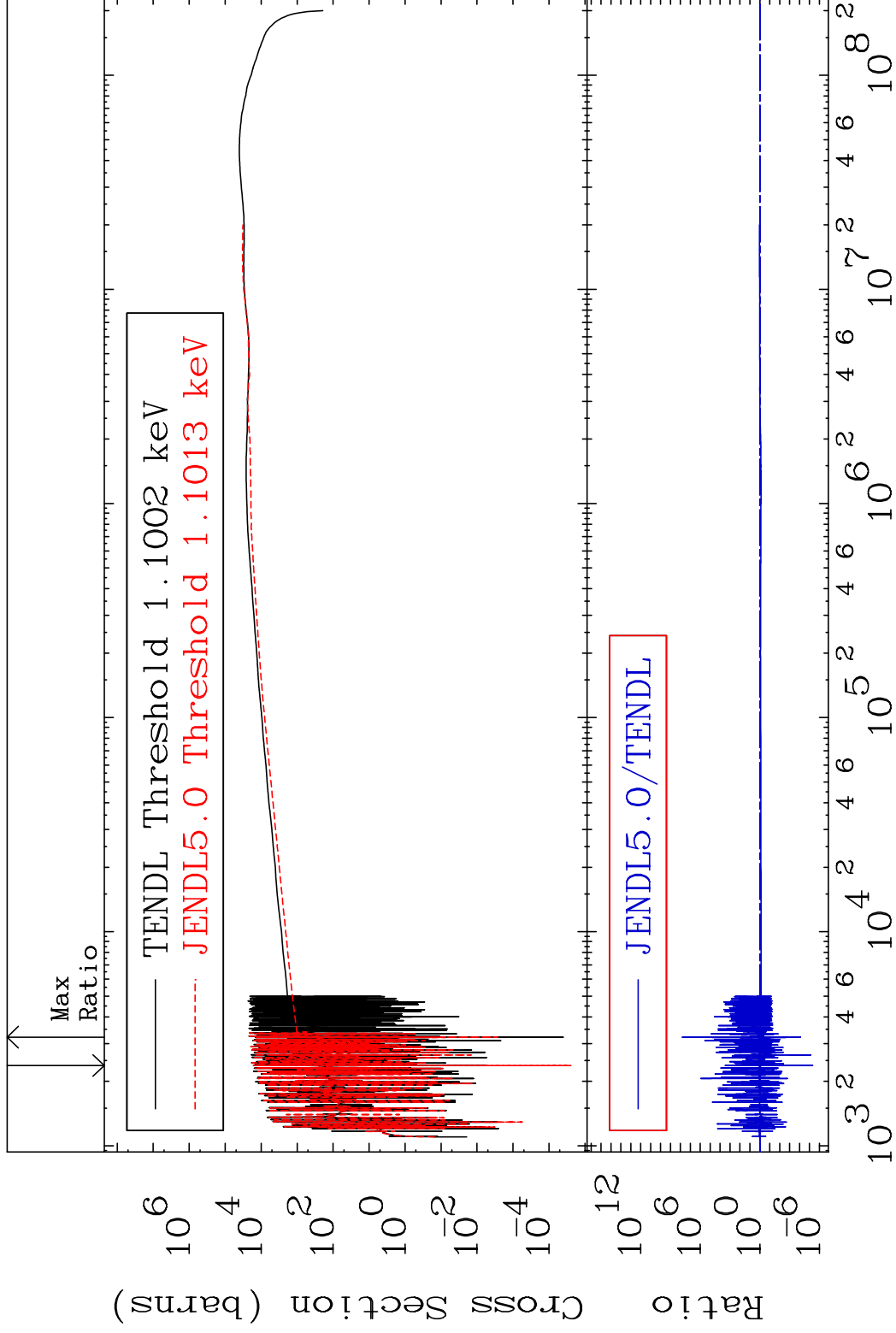
76-0s-186

MAT 7631

Dpa elastic (mt2)

76-Os-186

Cross Section -100.0 To 9999. %

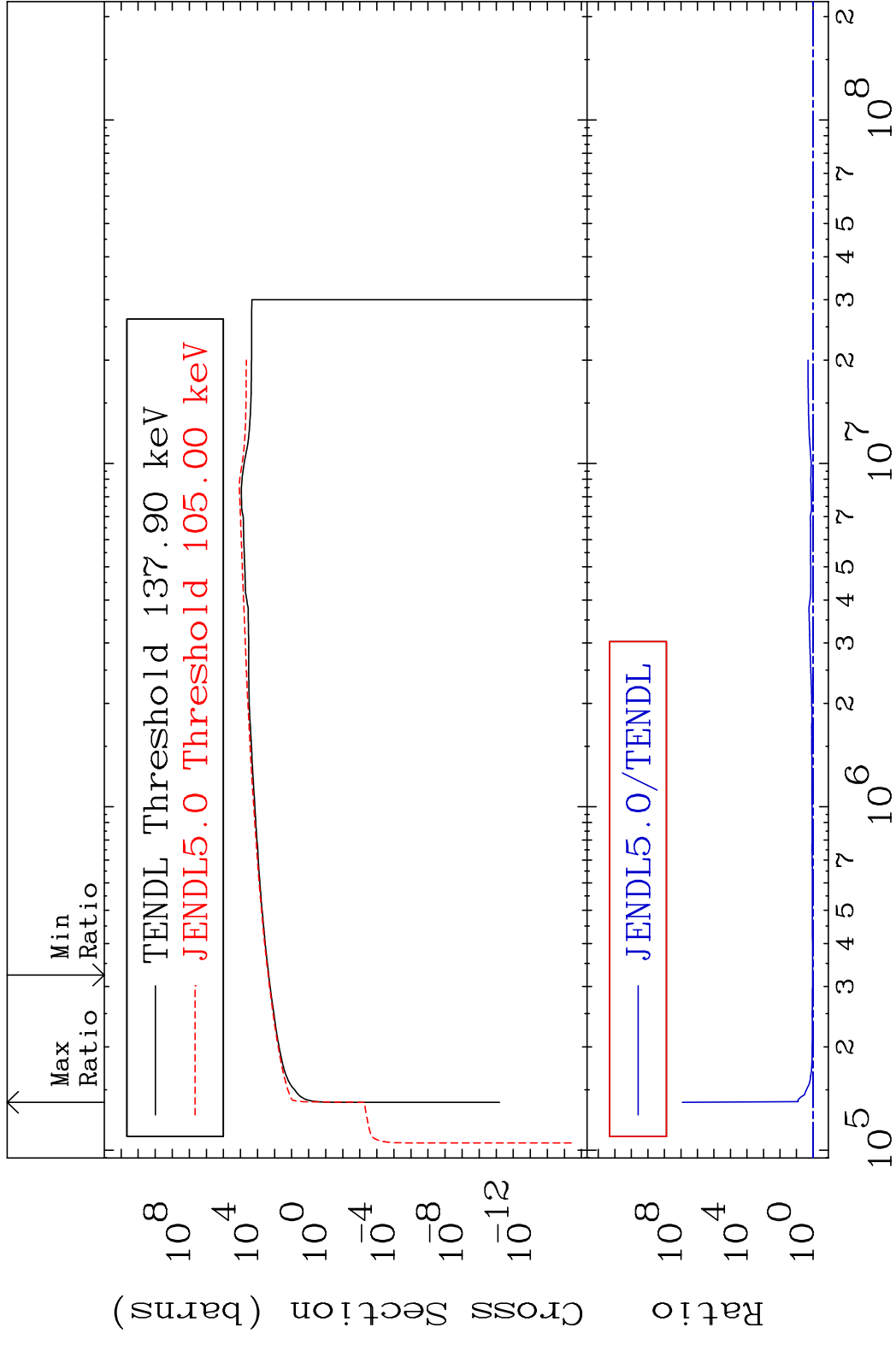


53

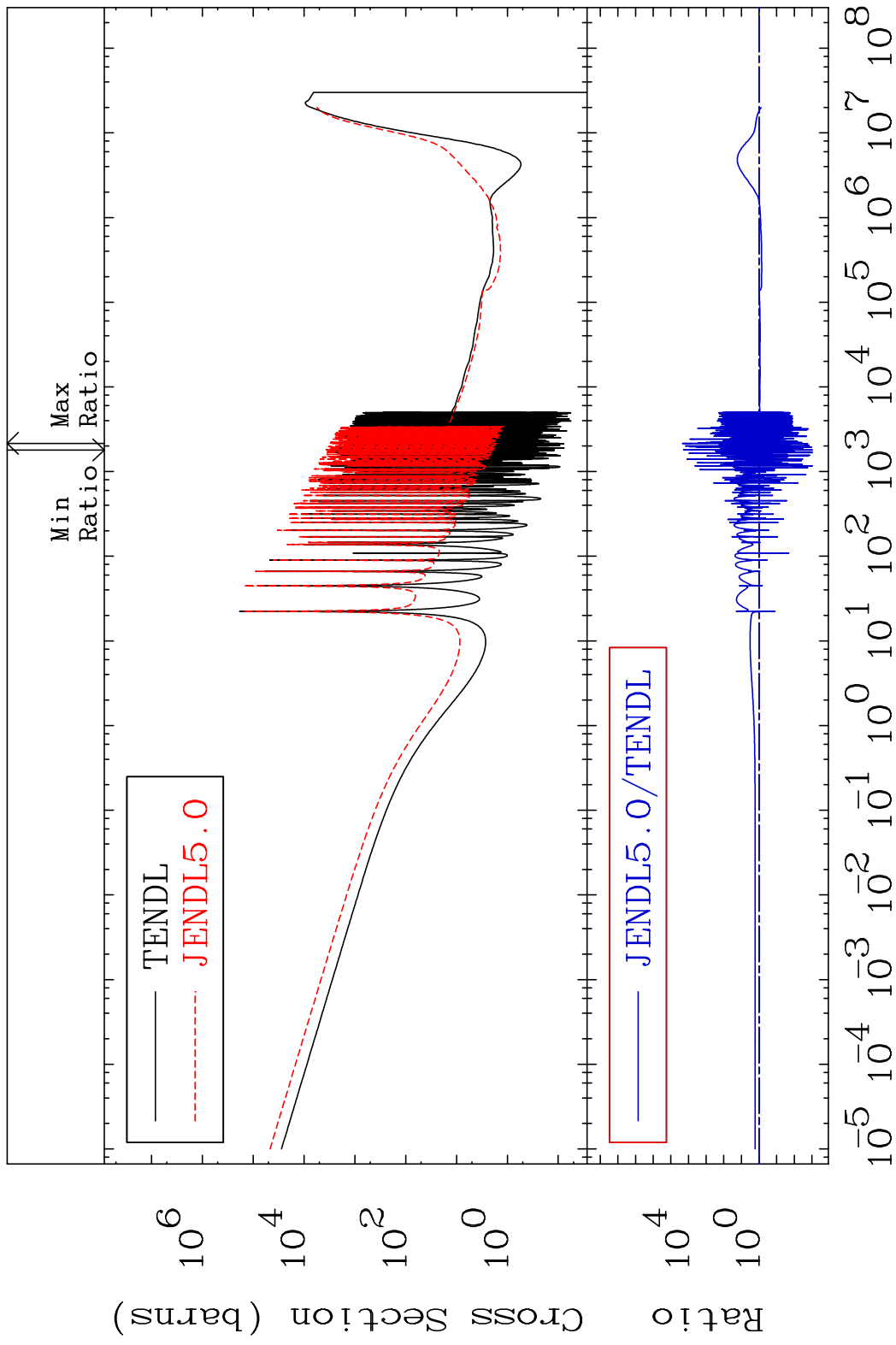
Incident Energy (eV)

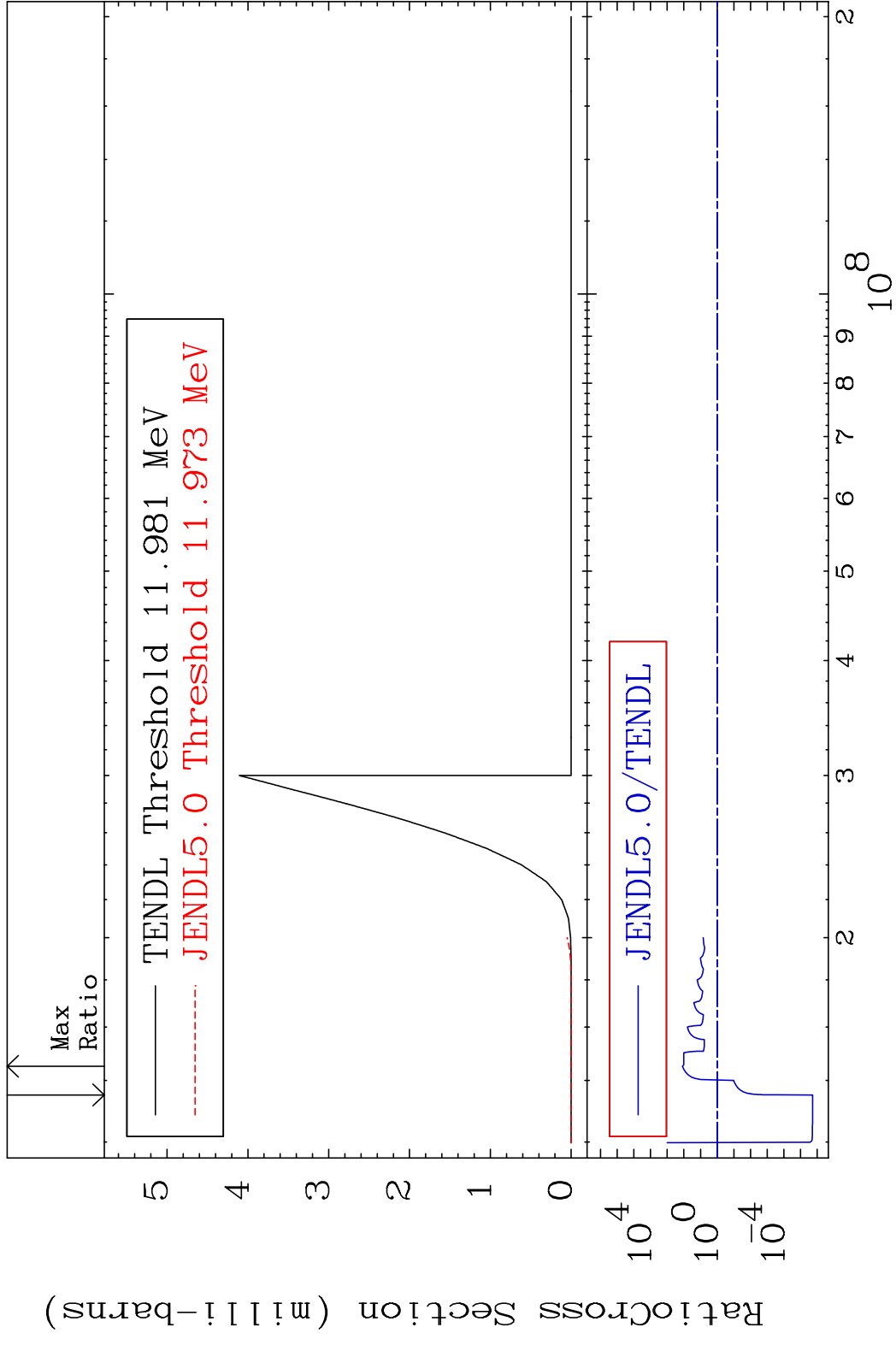
76-Os-186

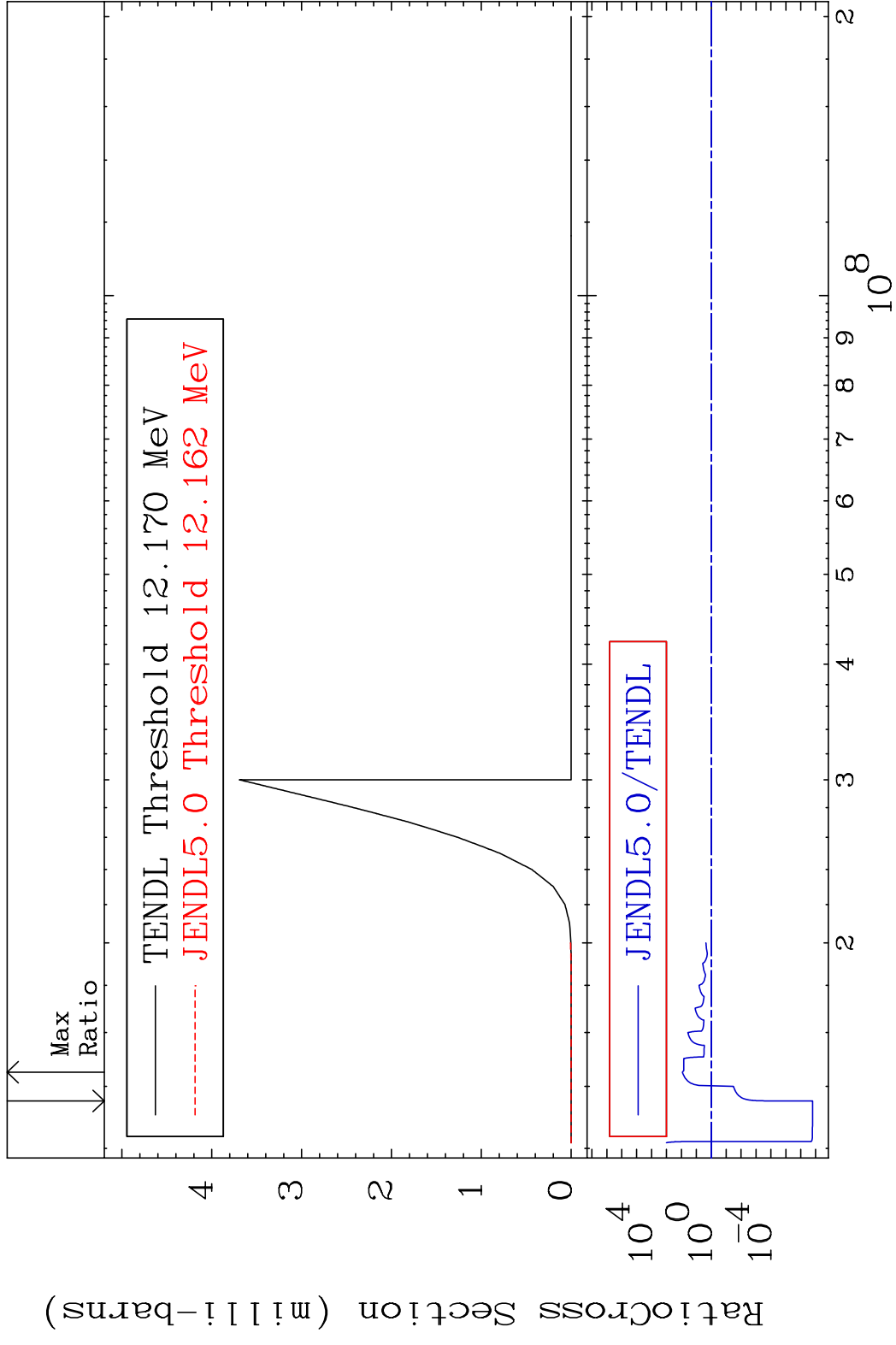
MAT 7631 Dpa inelastic (mt51-91) 76-0s-186
 Cross Section 6.931 To 9999. %

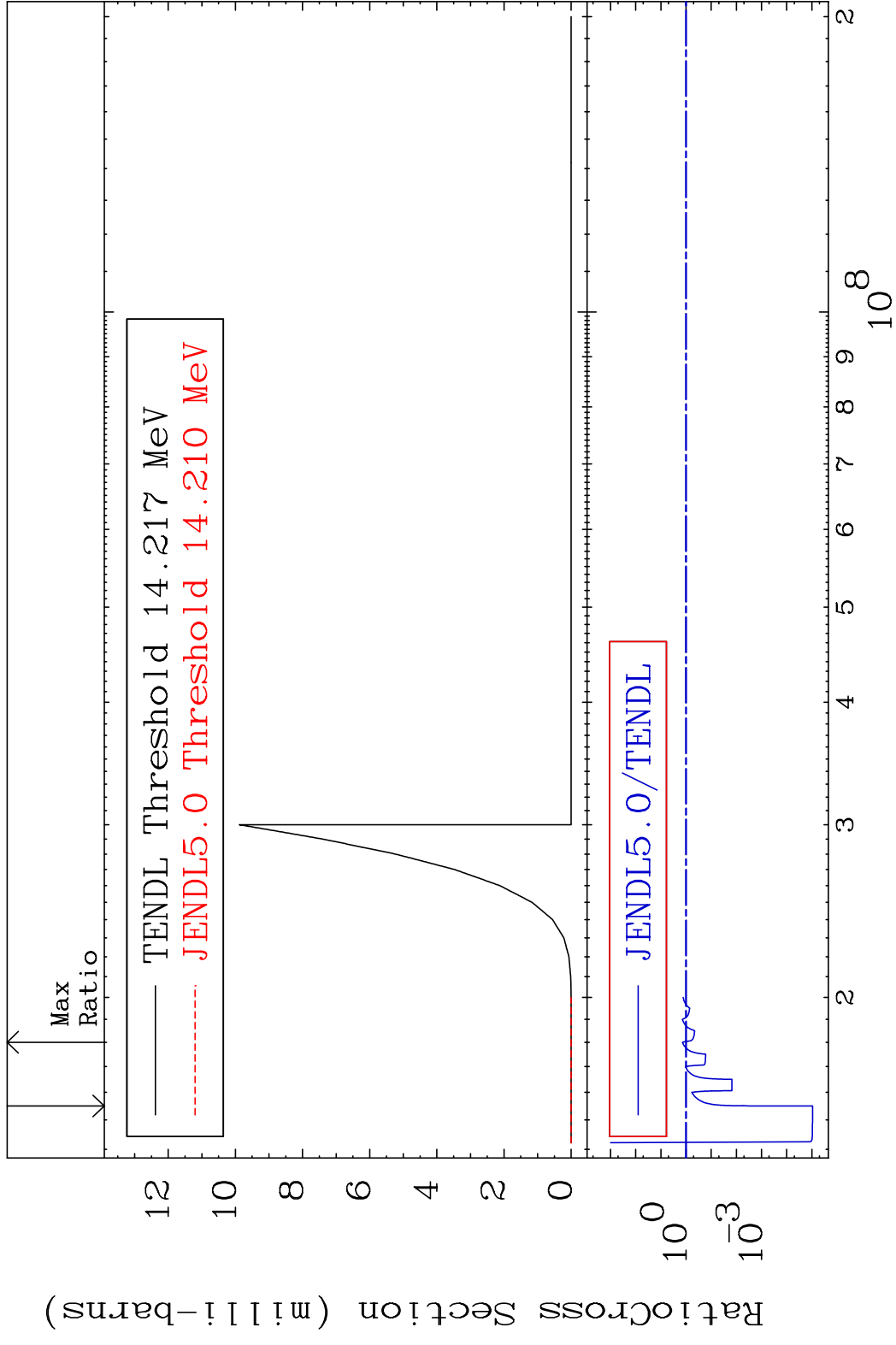


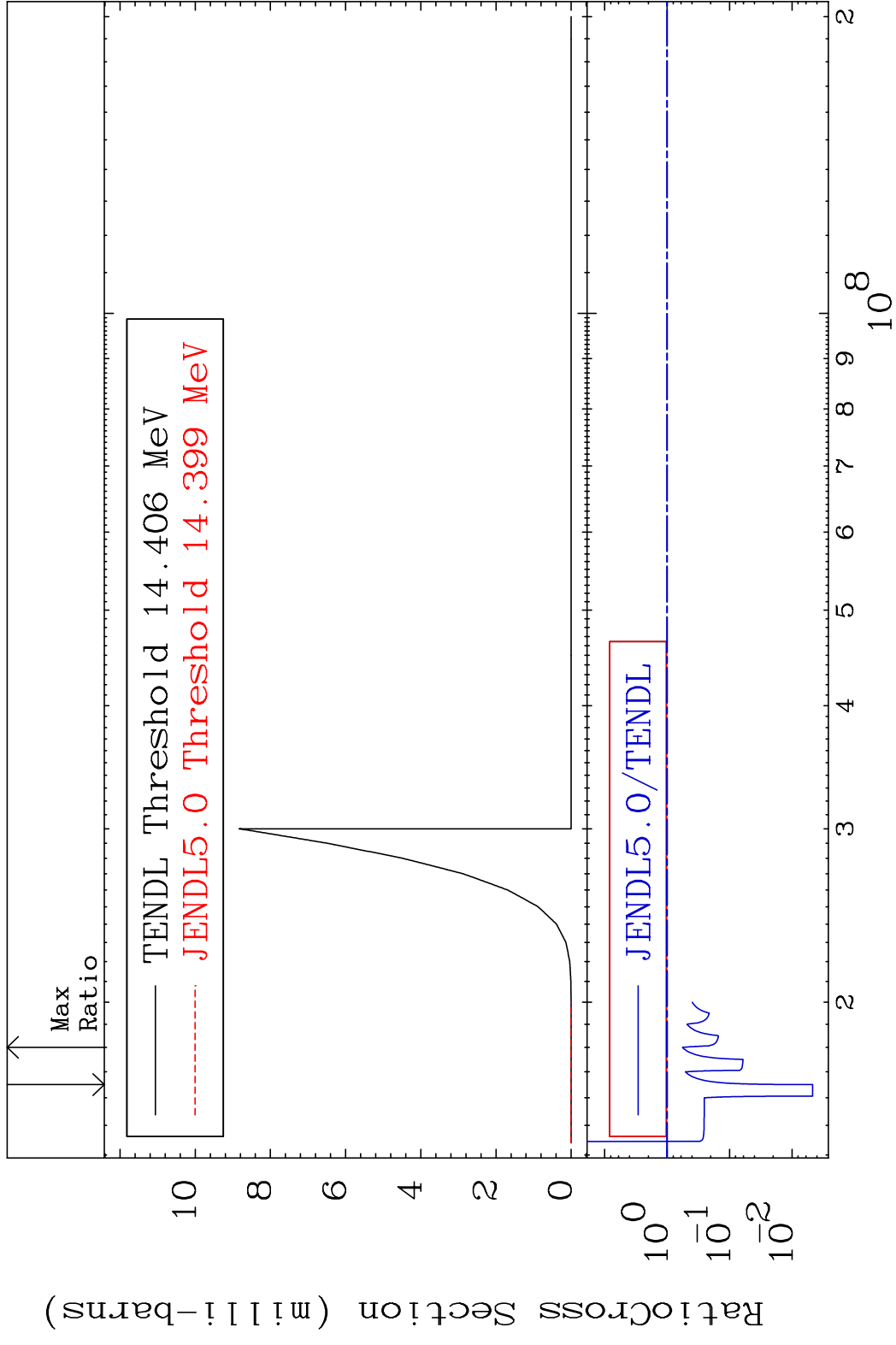
MAT 7631 Dpa disappearance (mt102 -120) 76-0s-186
 Cross Section -99.91 To 9999. %

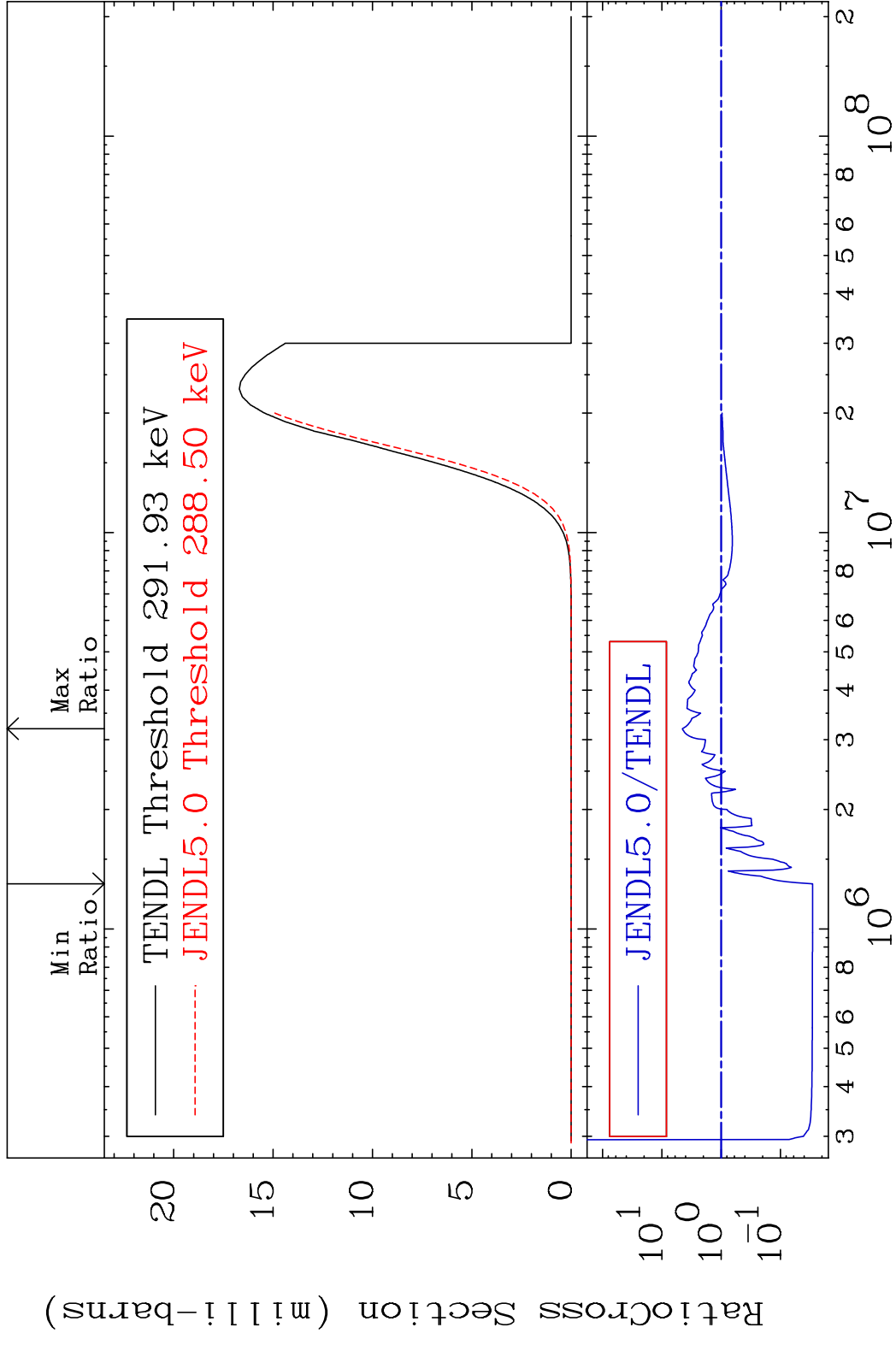


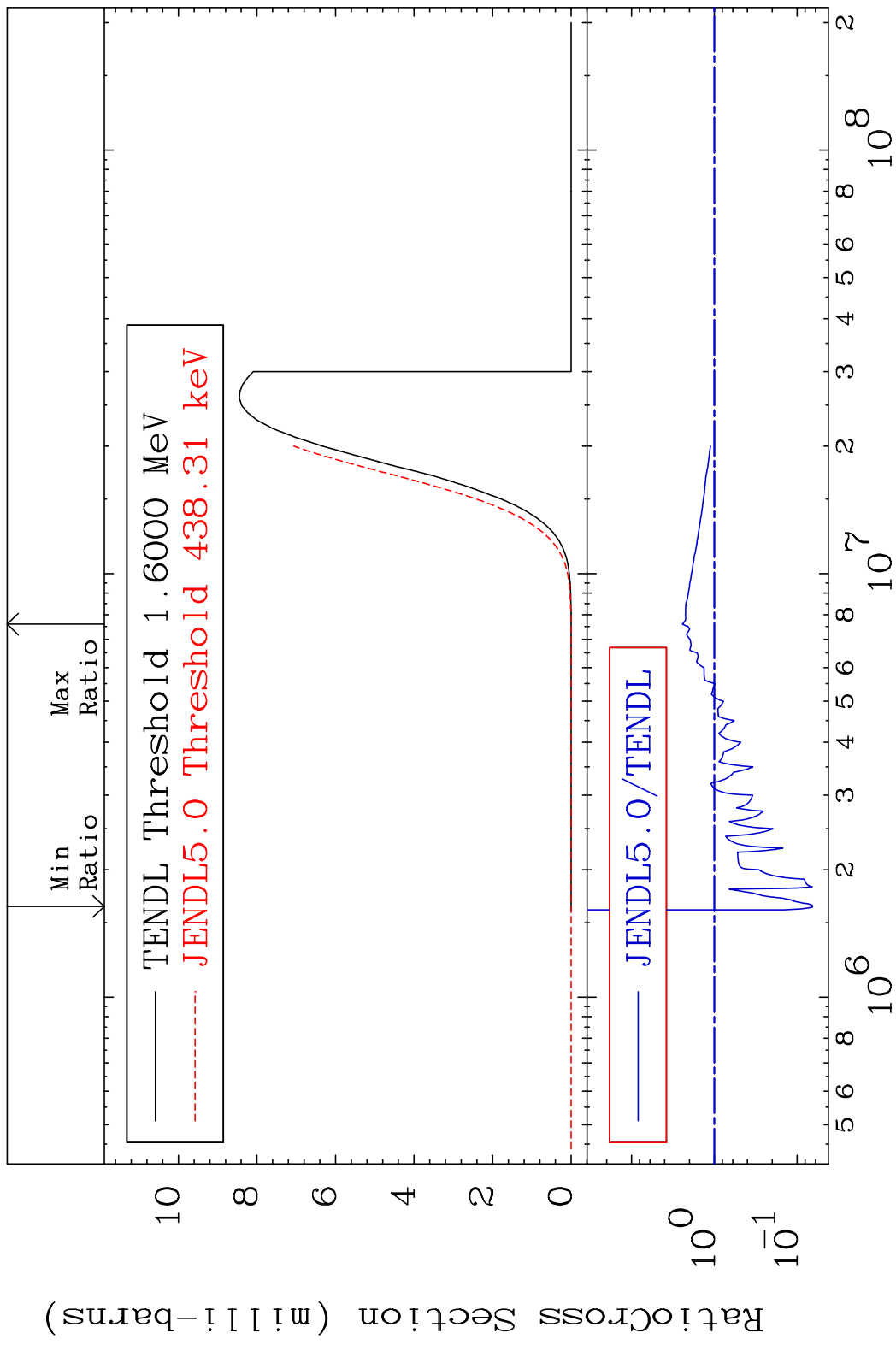




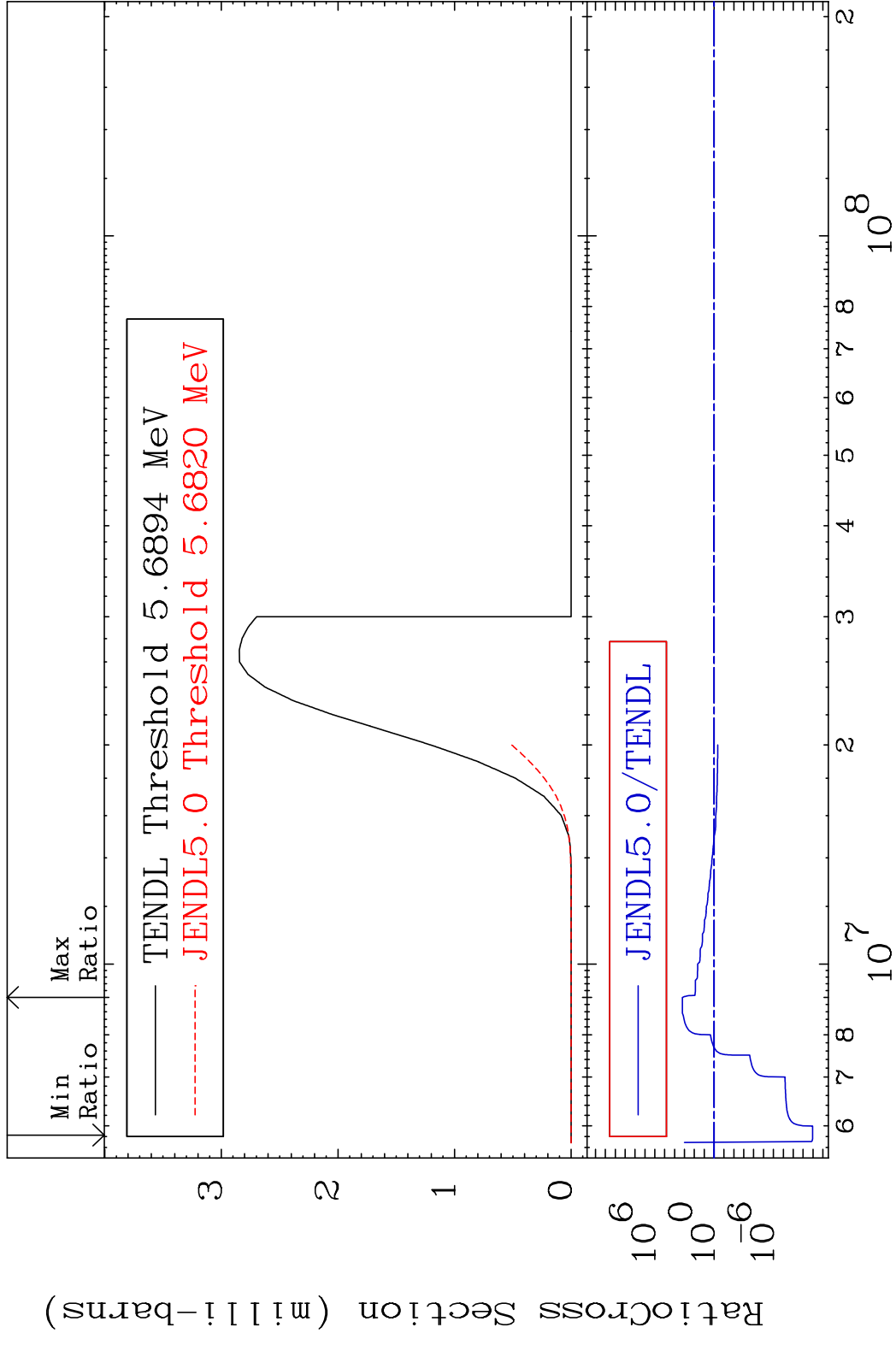


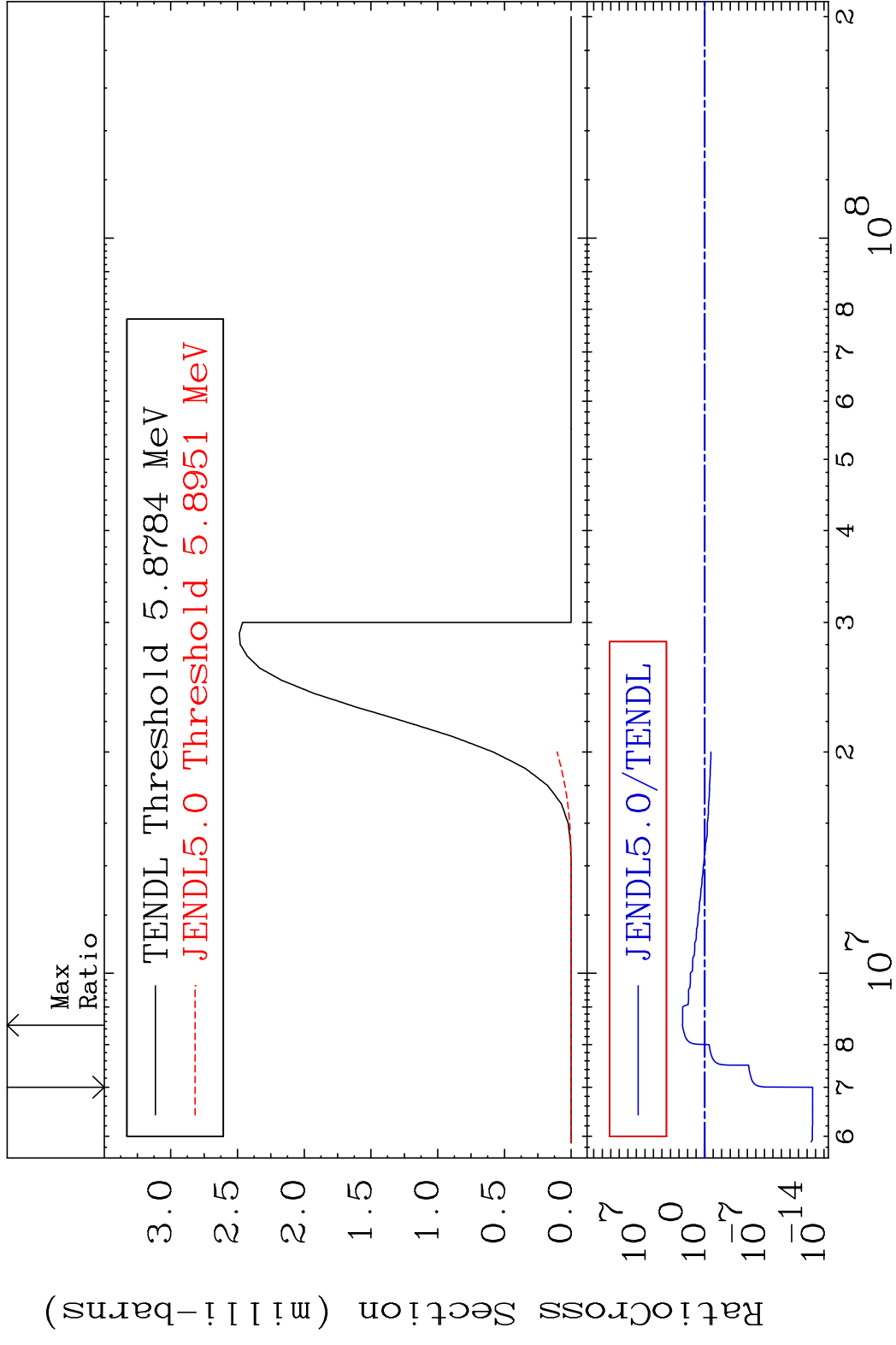






MAT 7631 (n, t):75-Re-184g 76-0s-186
 Radionuclide Production Cross Section Ratio 9999. %

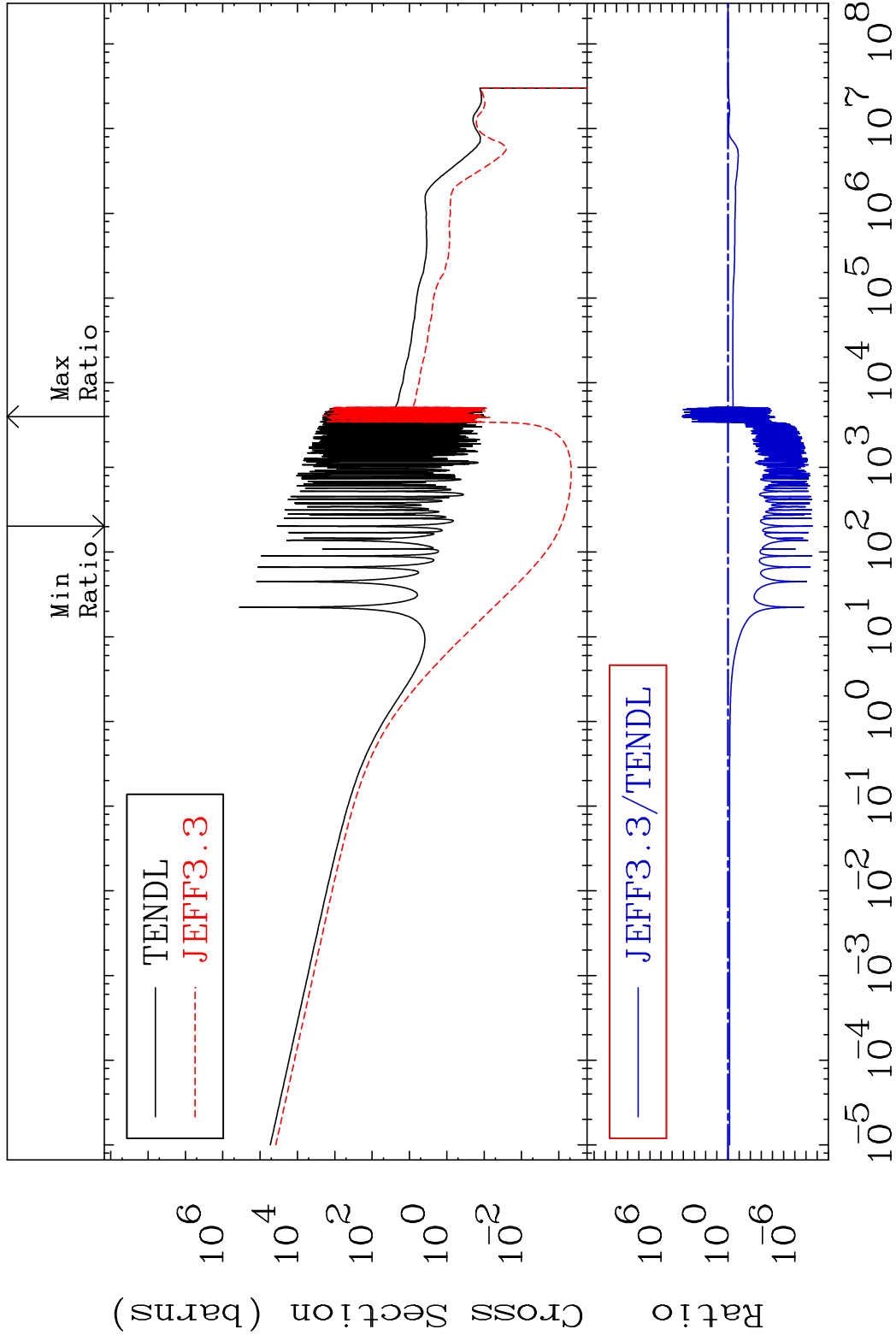




MAT 7631

Kerma capture (mt102) 76-0s-186

Cross Section -100.0 To 9999. %

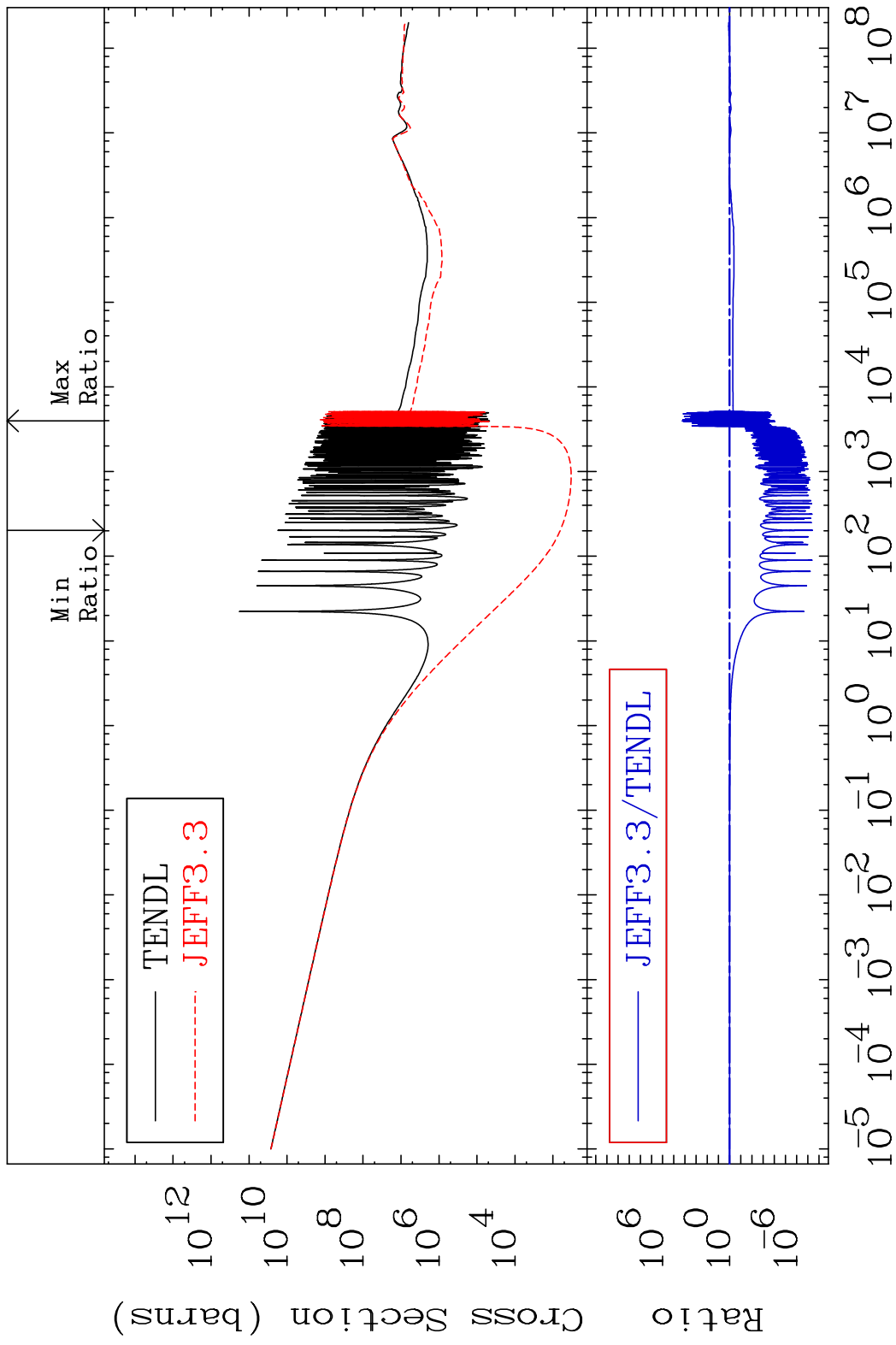


64

Incident Energy (eV)

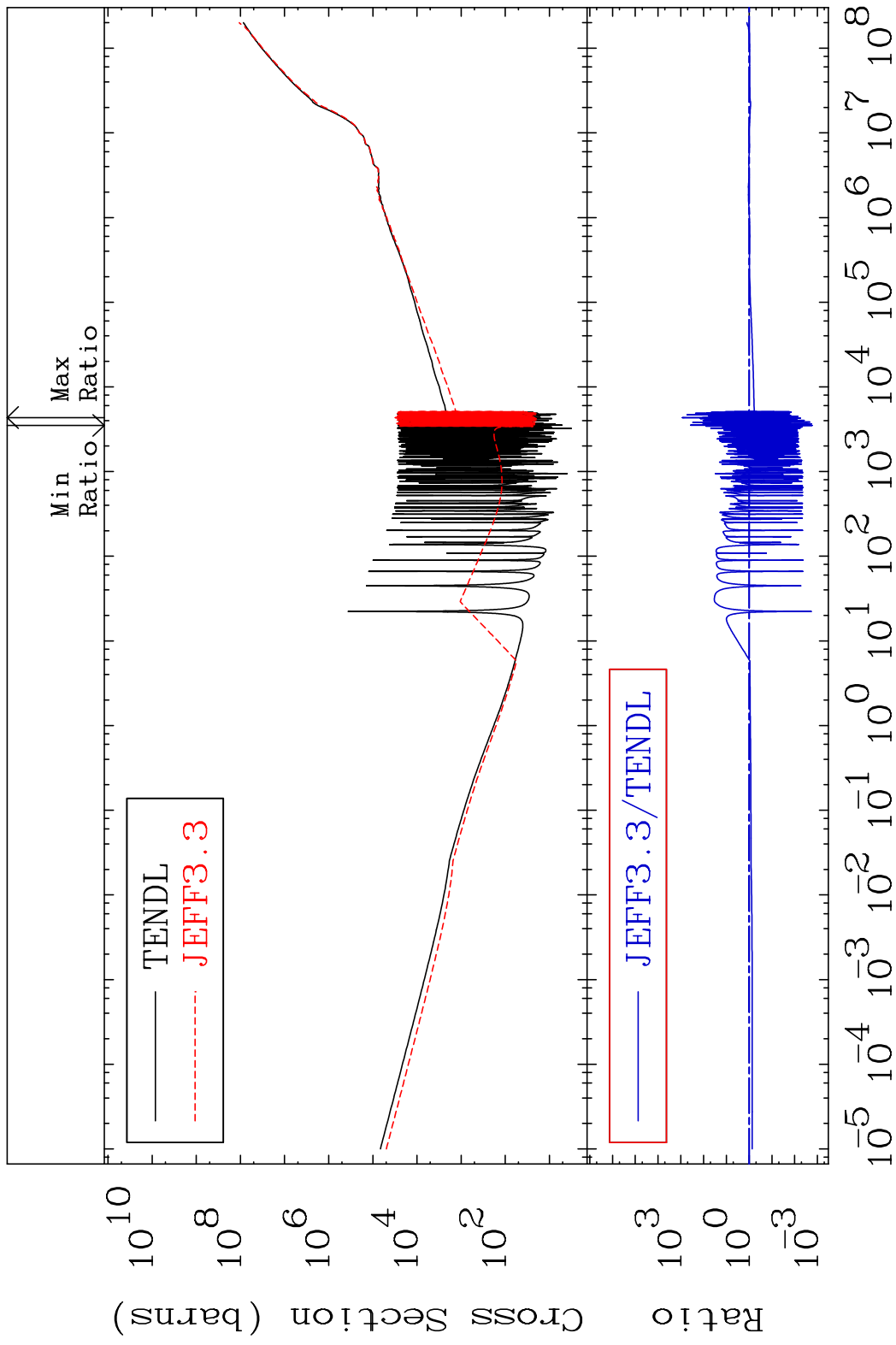
76-0s-186

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

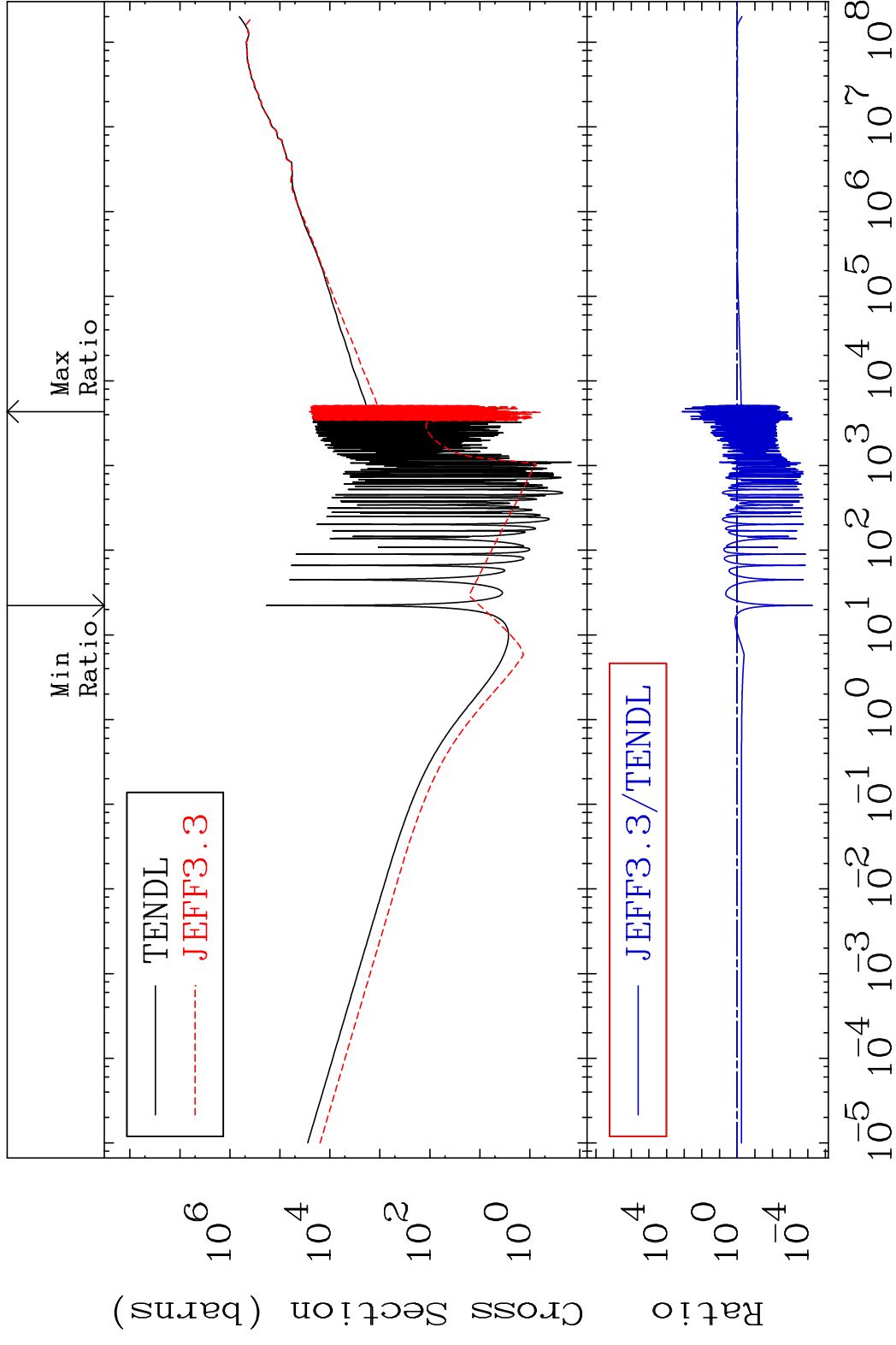


65 Incident Energy (eV) 76-0s-186

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



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



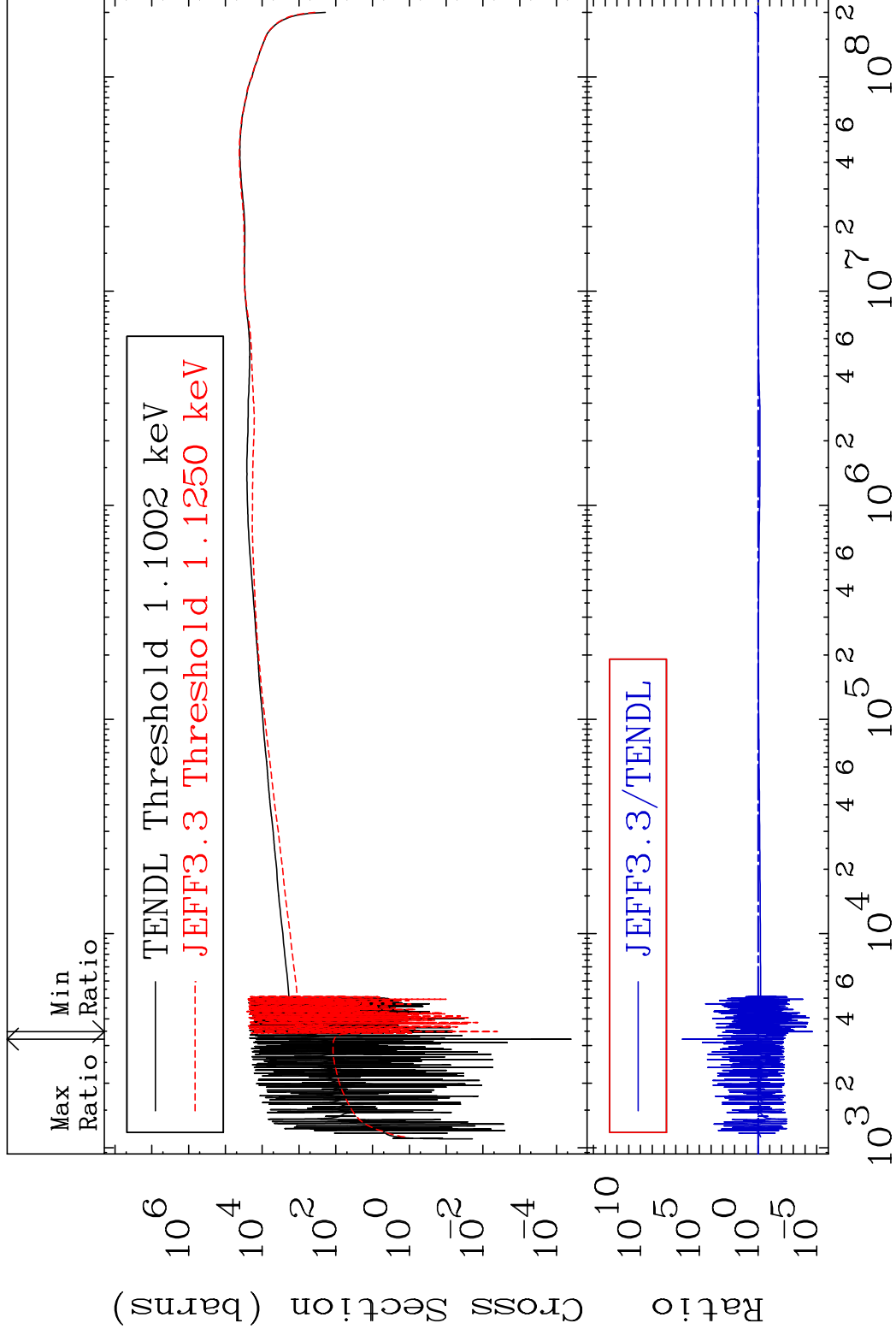
67 Incident Energy (eV) 76-0s-186

MAT 7631

Dpa elastic (mt2)

76-Os-186

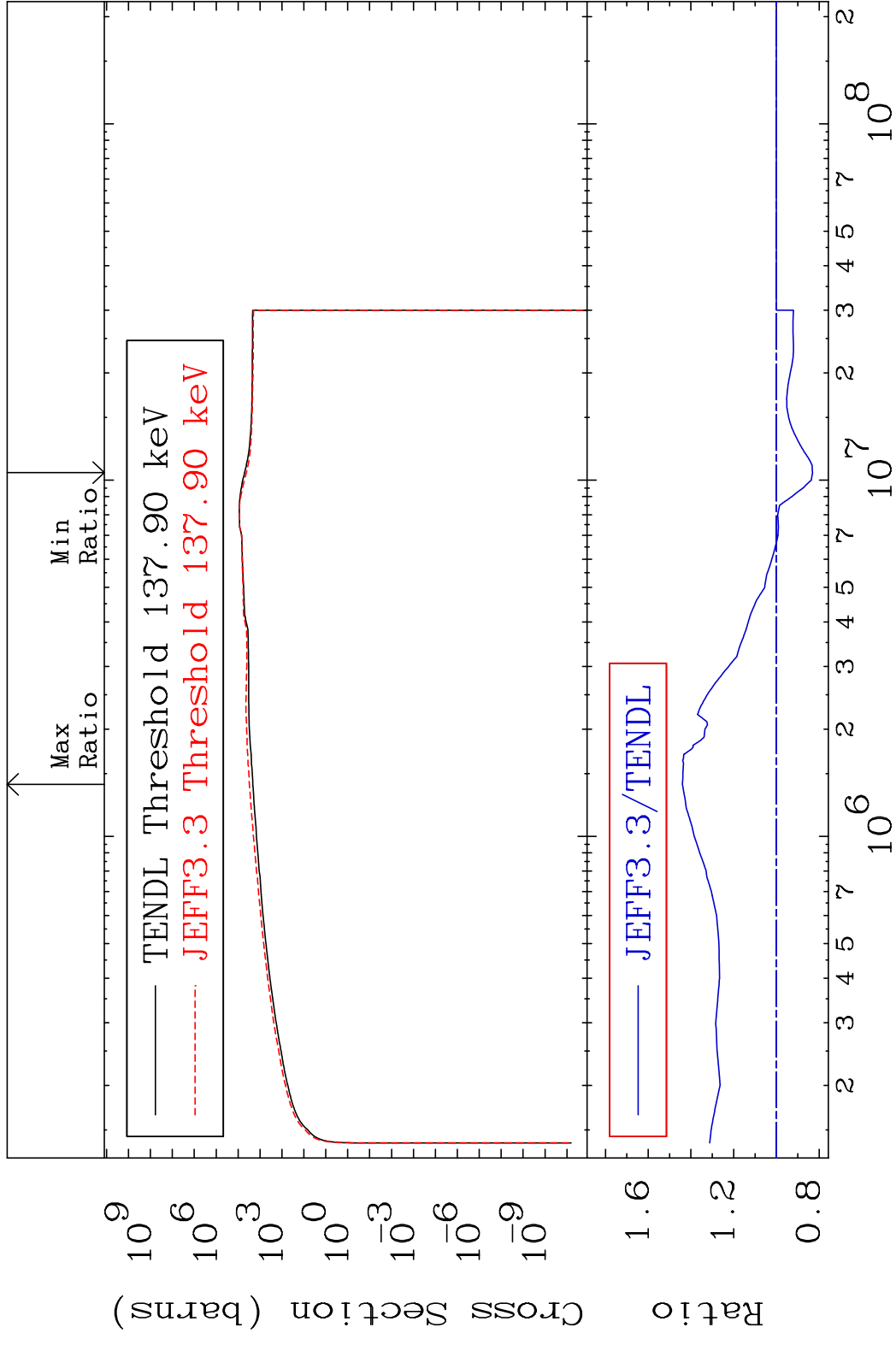
Cross Section -100.0 To 9999. %



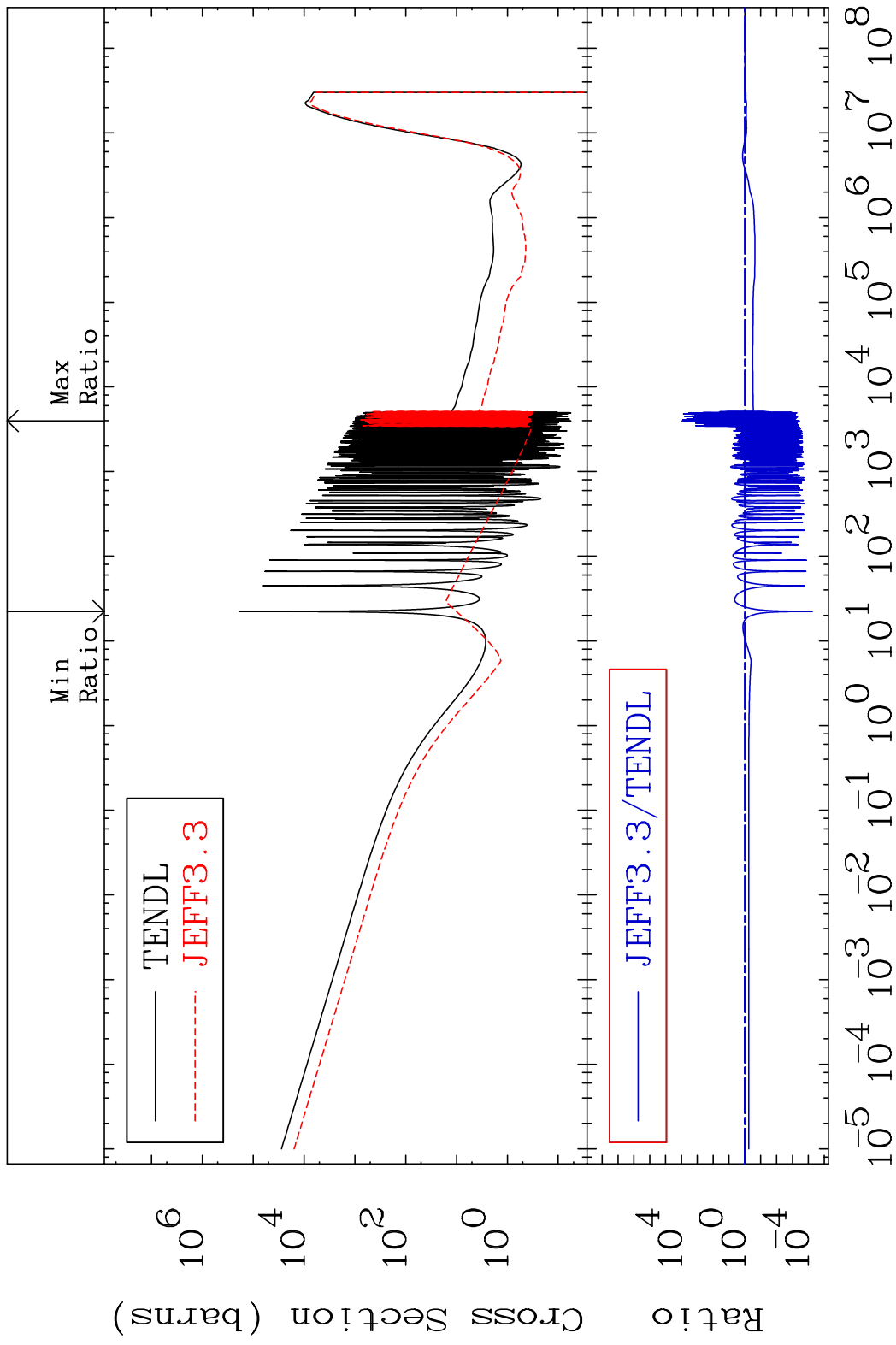
68

Incident Energy (eV)

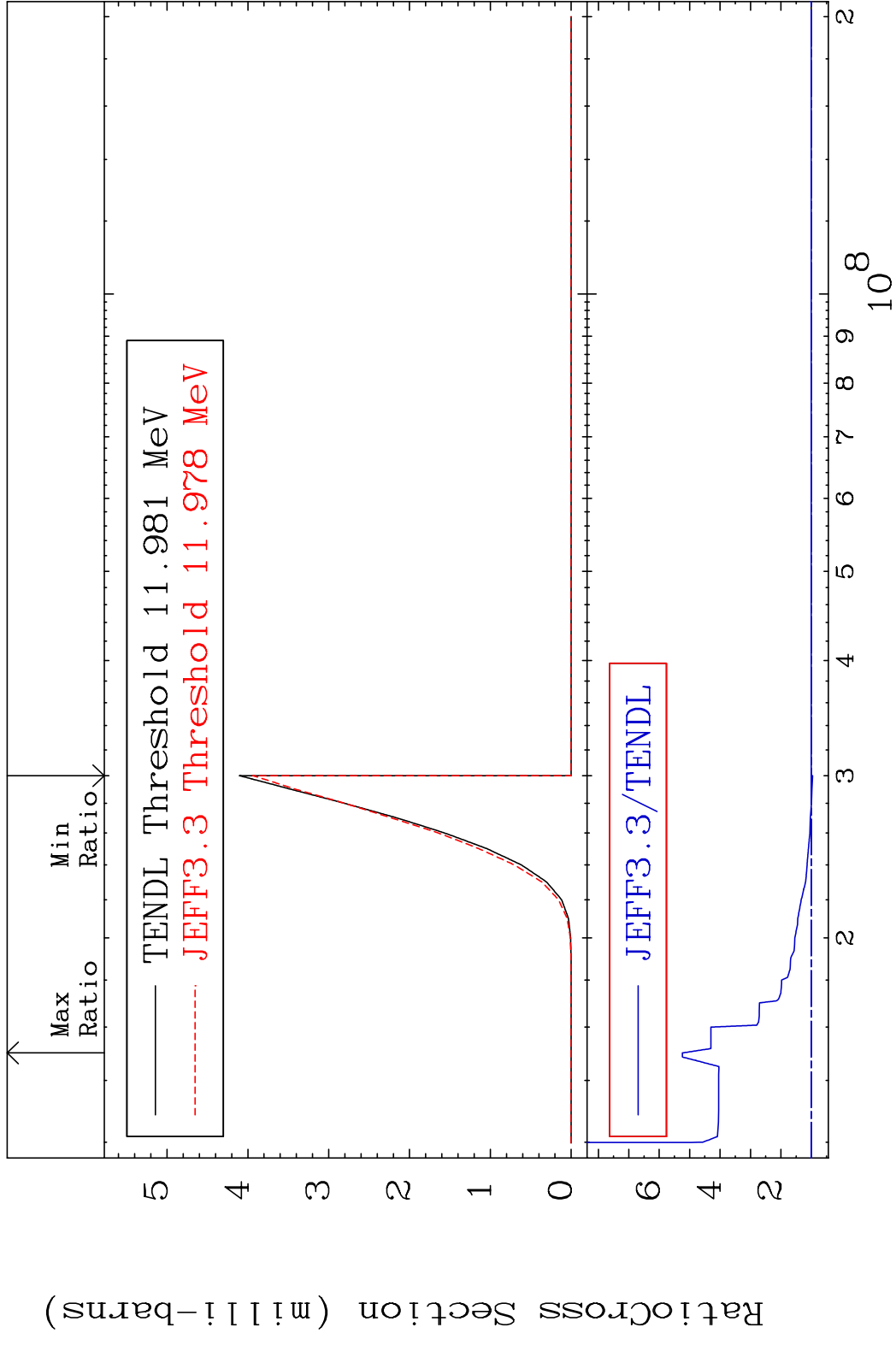
76-Os-186

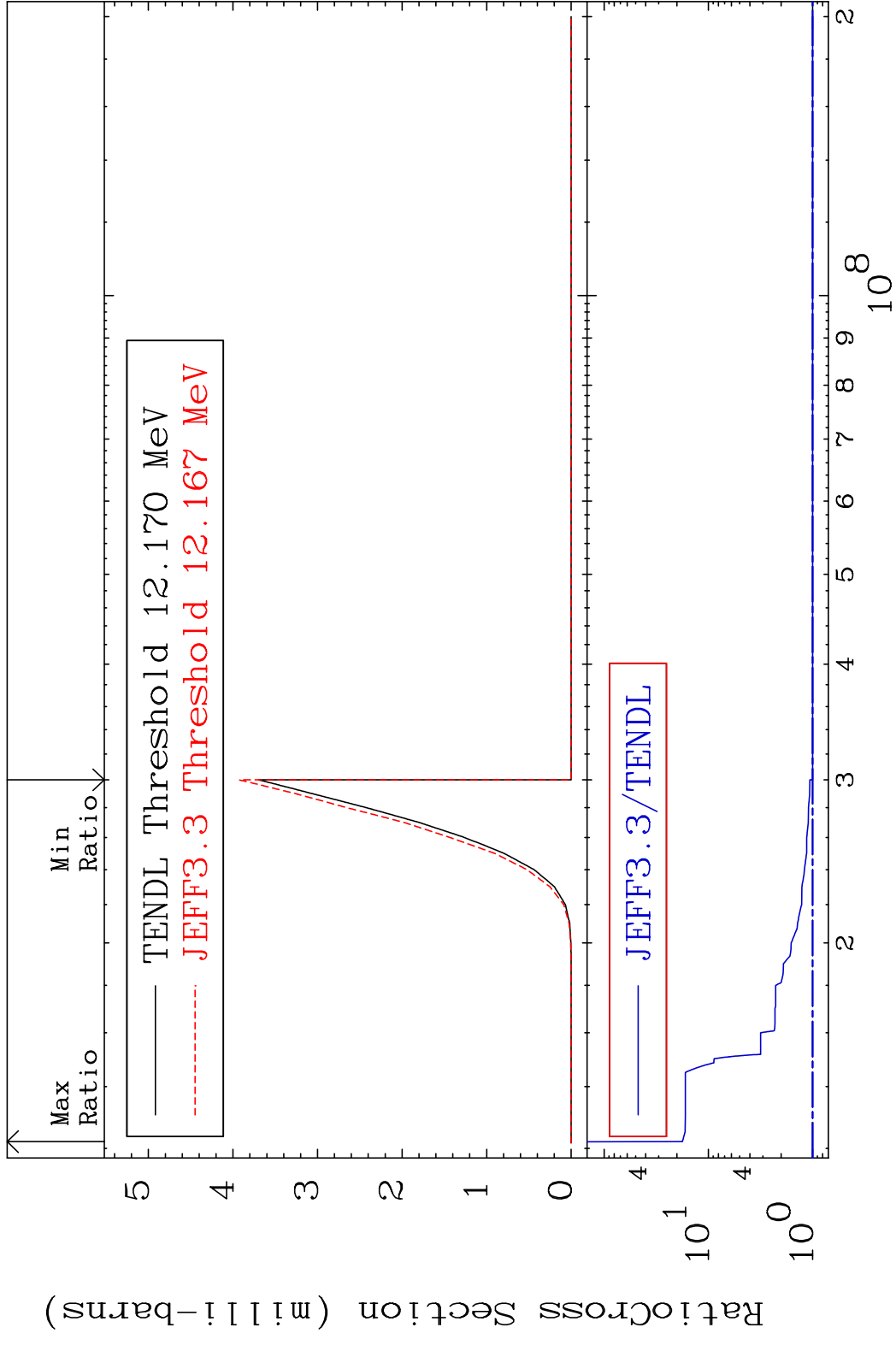


MAT 7631 Dpa disappearance (mt102 -120) 76-0s-186
 Cross Section -99.99 To 9999. %

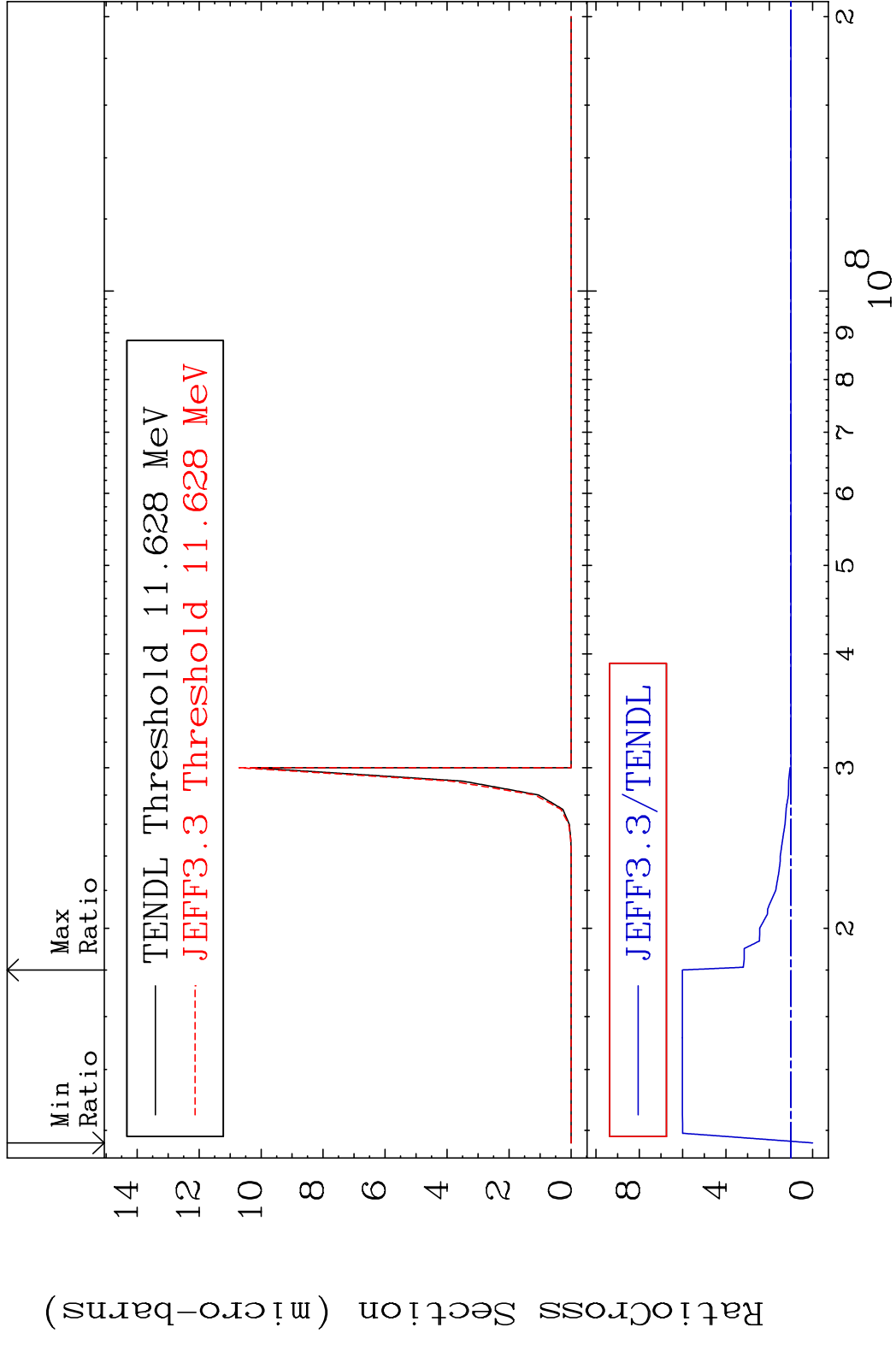


70 Incident Energy (eV) 76-0s-186

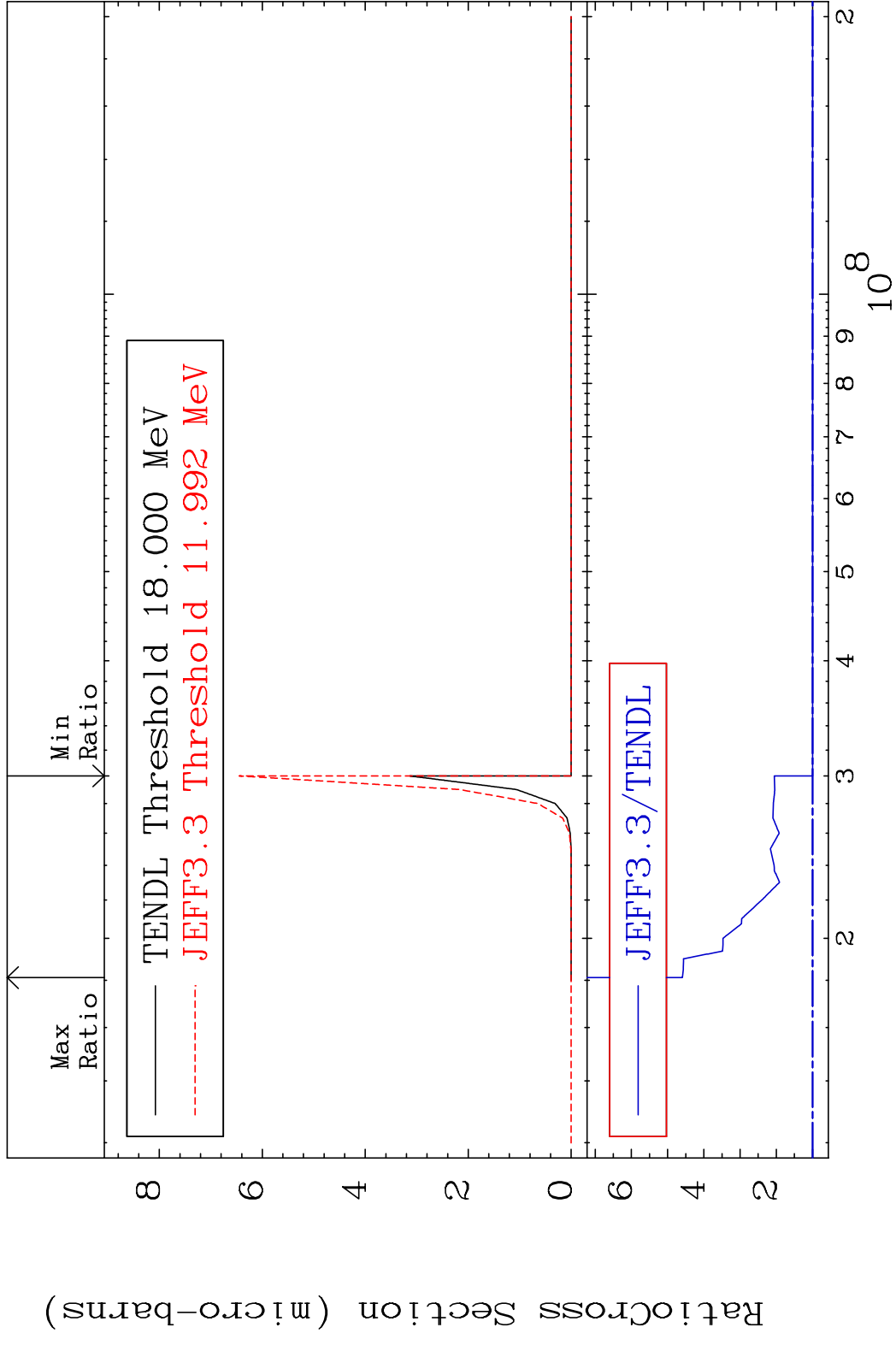




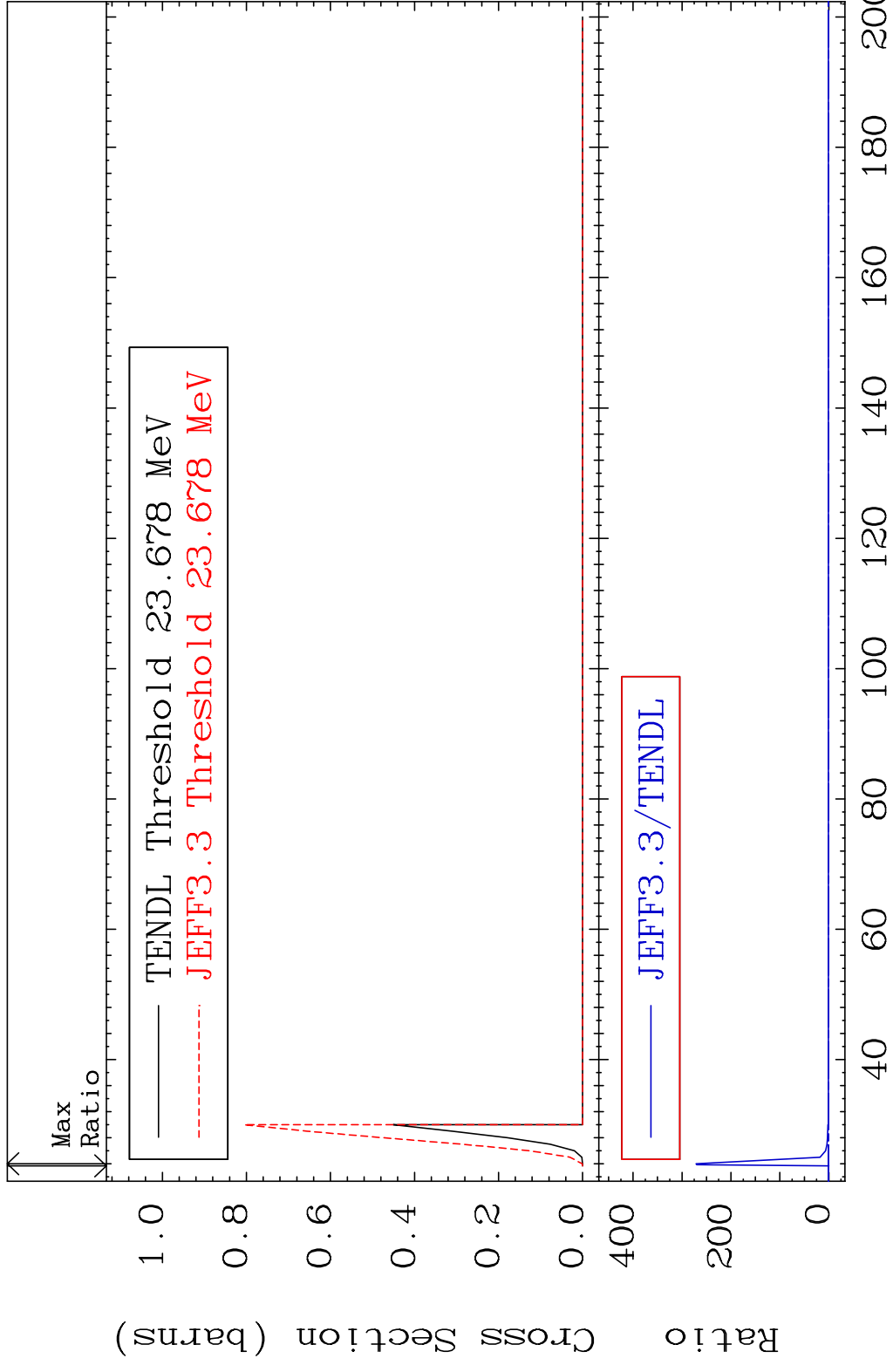
MAT 7631 (n, n') He-3:74-W -183g 76-0s-186
 Radionuclide Production Cross Section 500.8 %



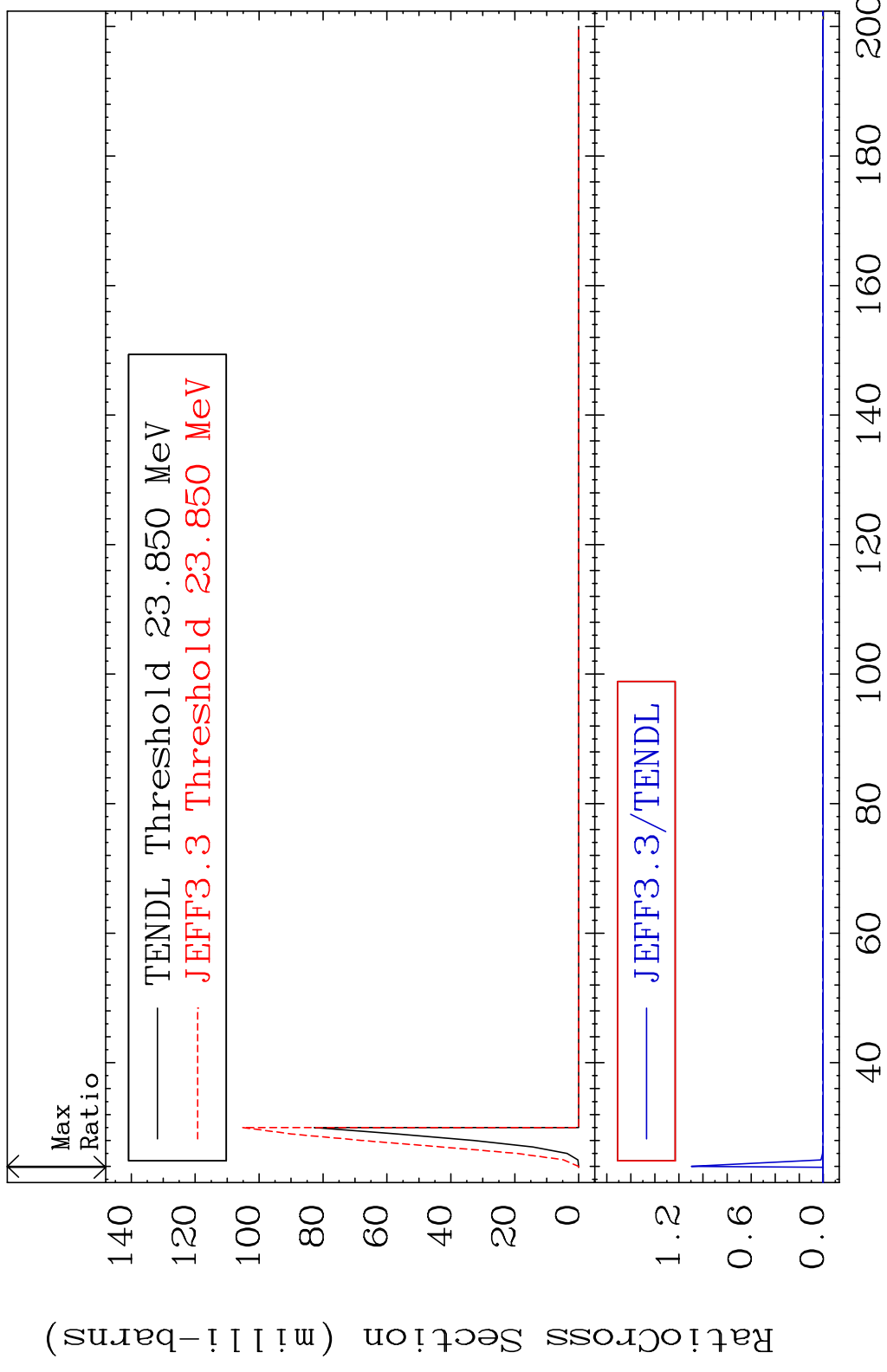
MAT 7631 (n, n') He-3:74-W -183m7 76-0s-186
 Radionuclide Production Cross Section 359.4 %



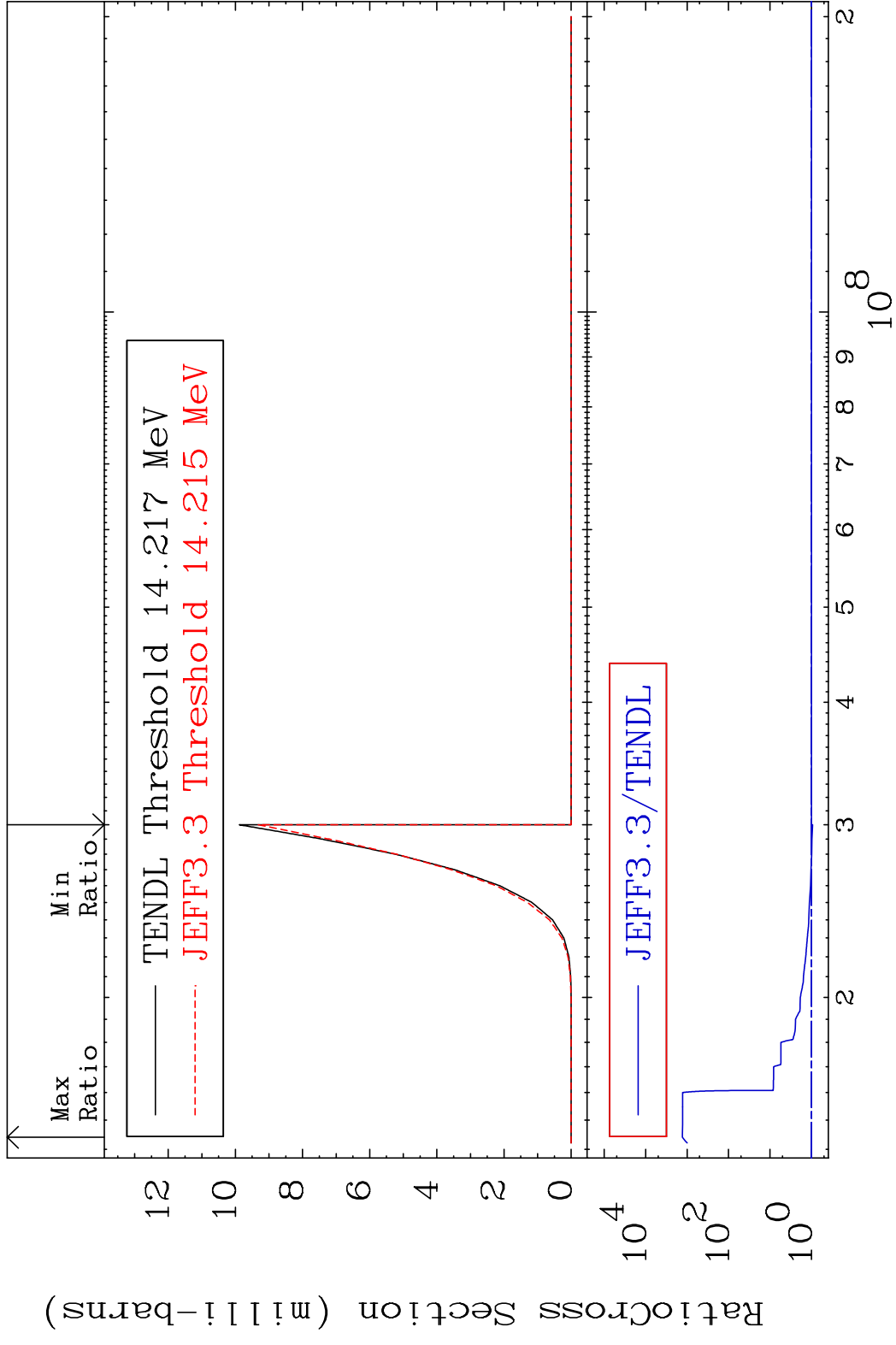
MAT 7631 (n,4n):76-0s-183g 76-0s-186
 Radionuclide Production Cross Section Ratio 9999. %

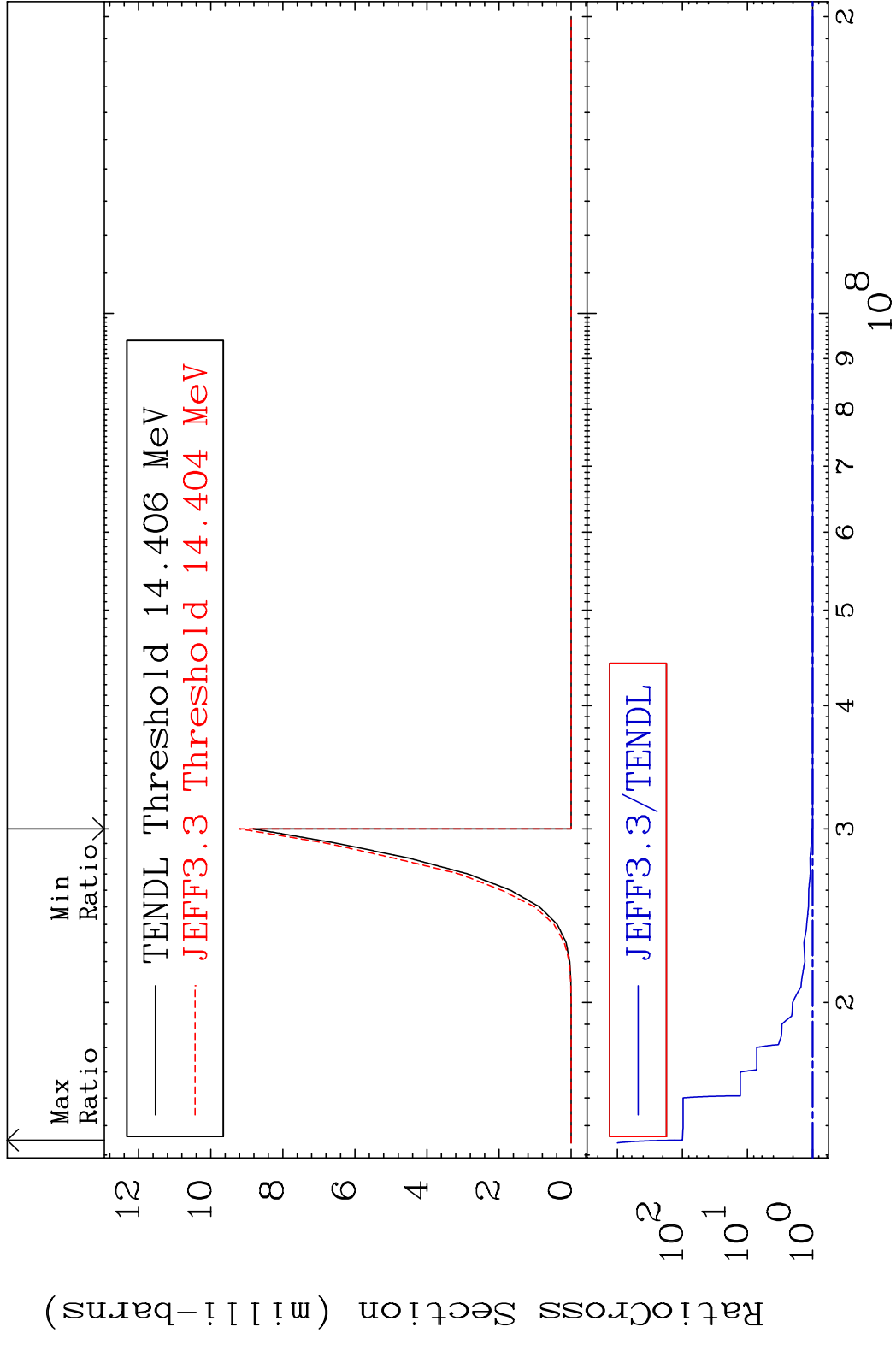


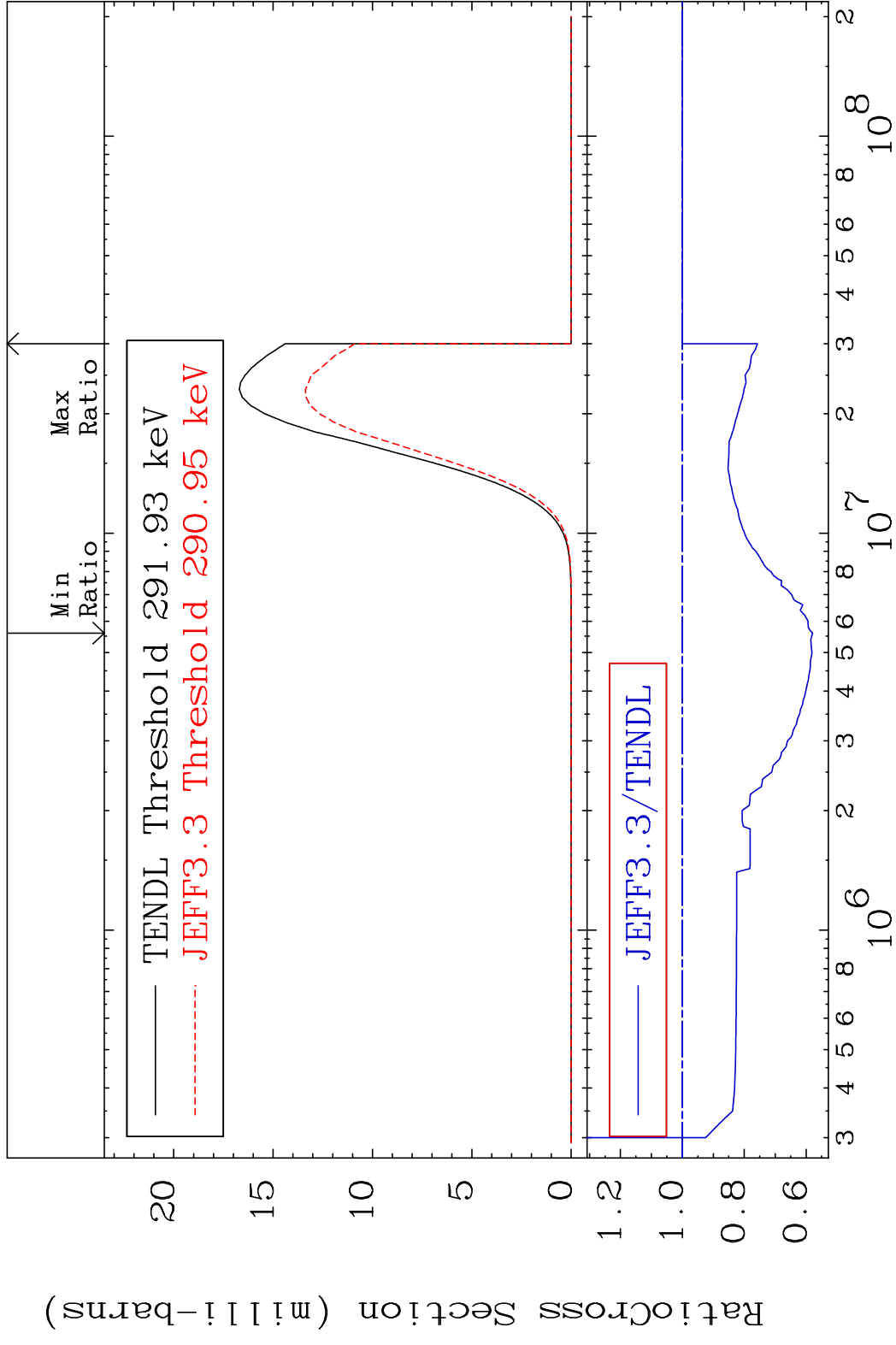
MAT 7631 (n, 4n): 76-0s-183m2 76-0s-186
 Radionuclide Production Cross Section Ratio 9999. %

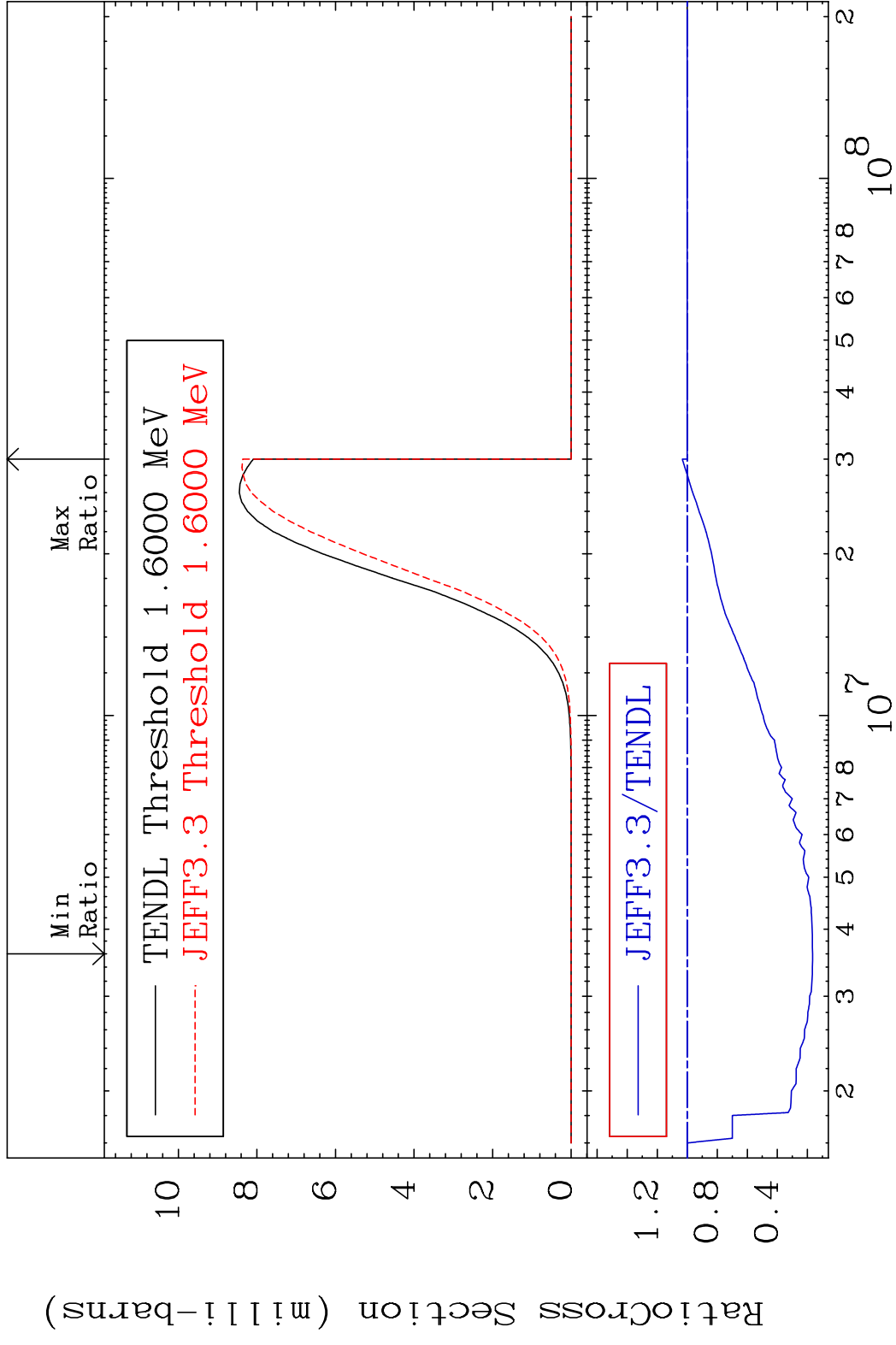


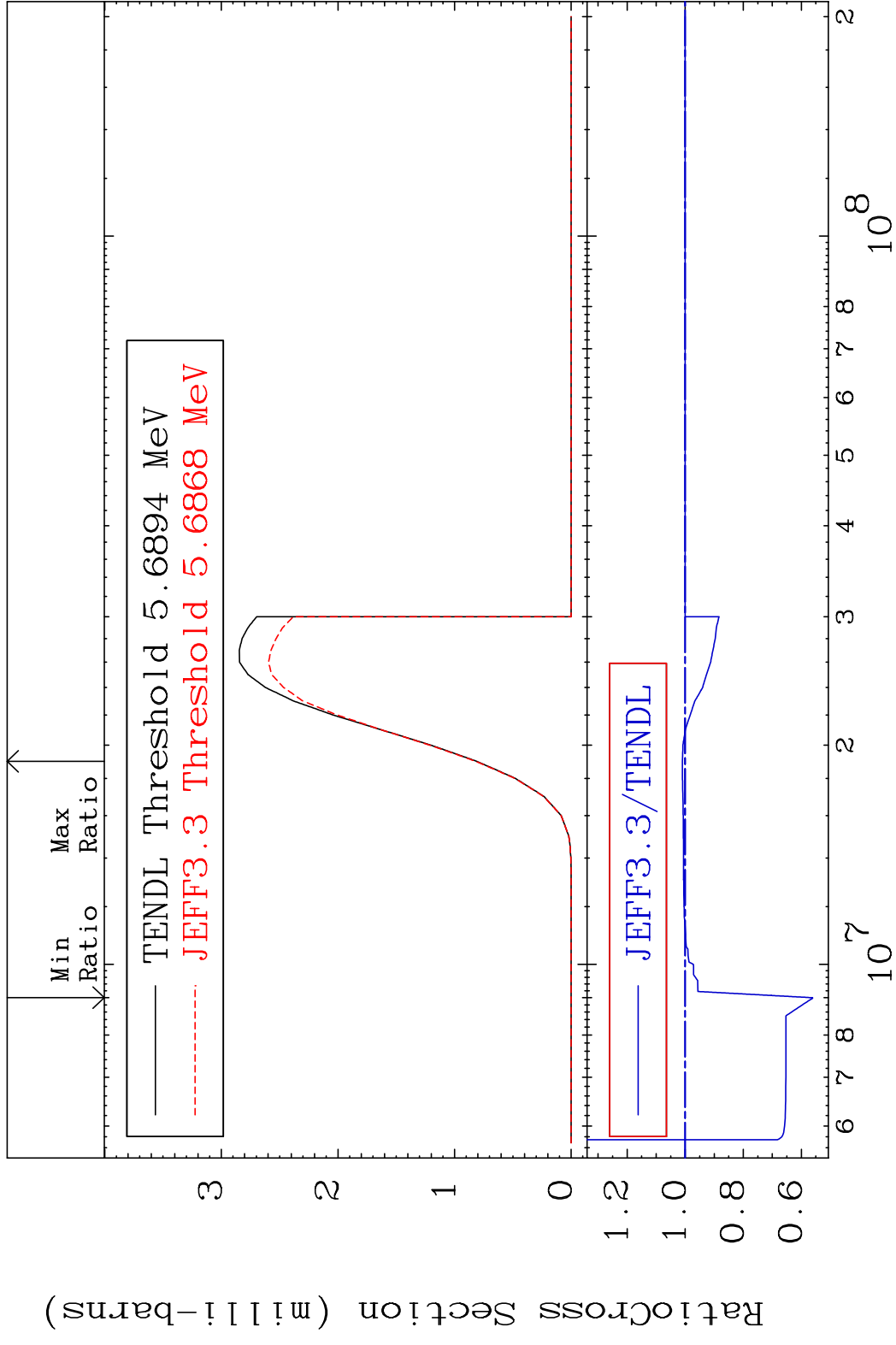
76 76-0s-186

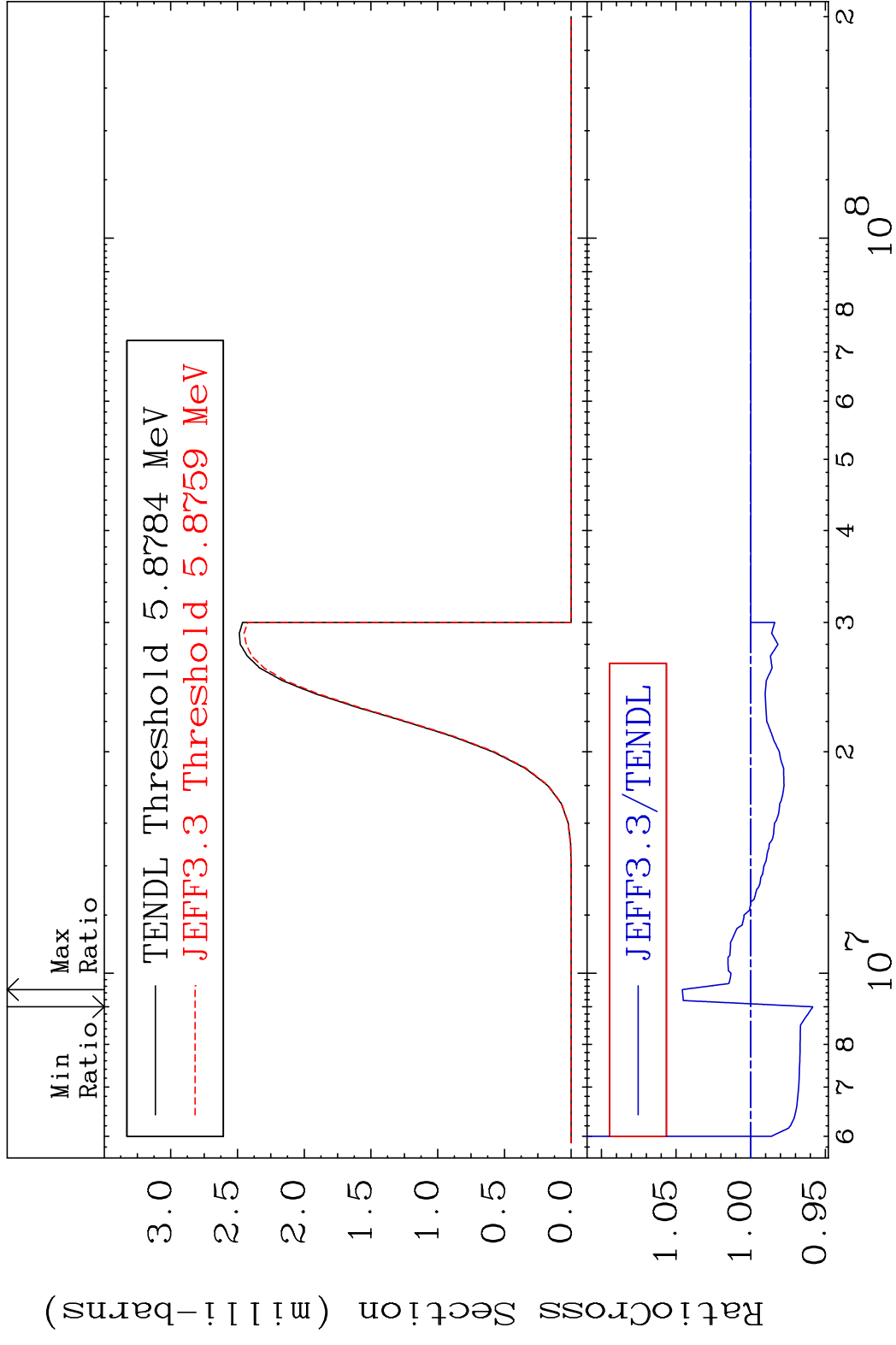




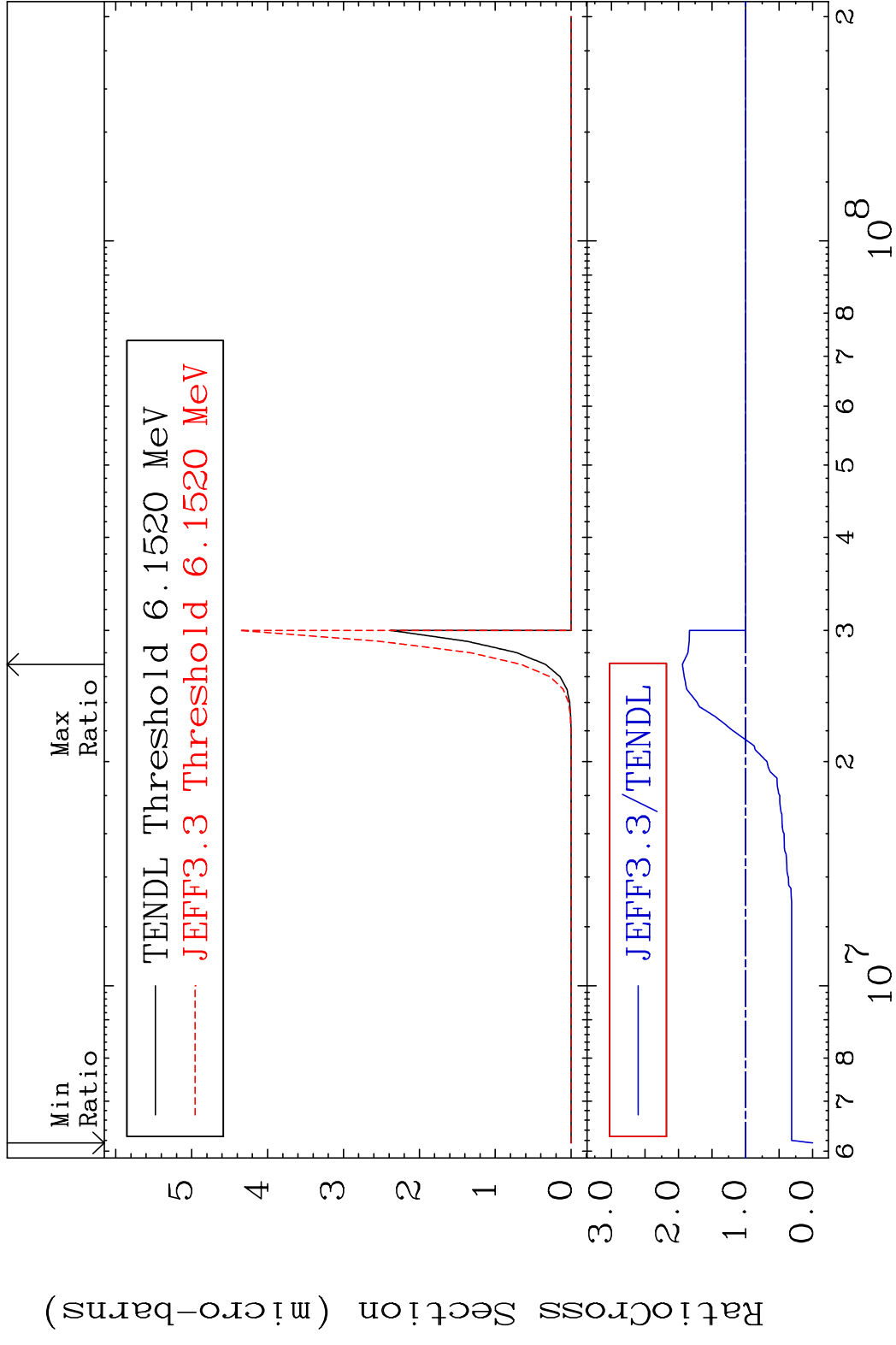




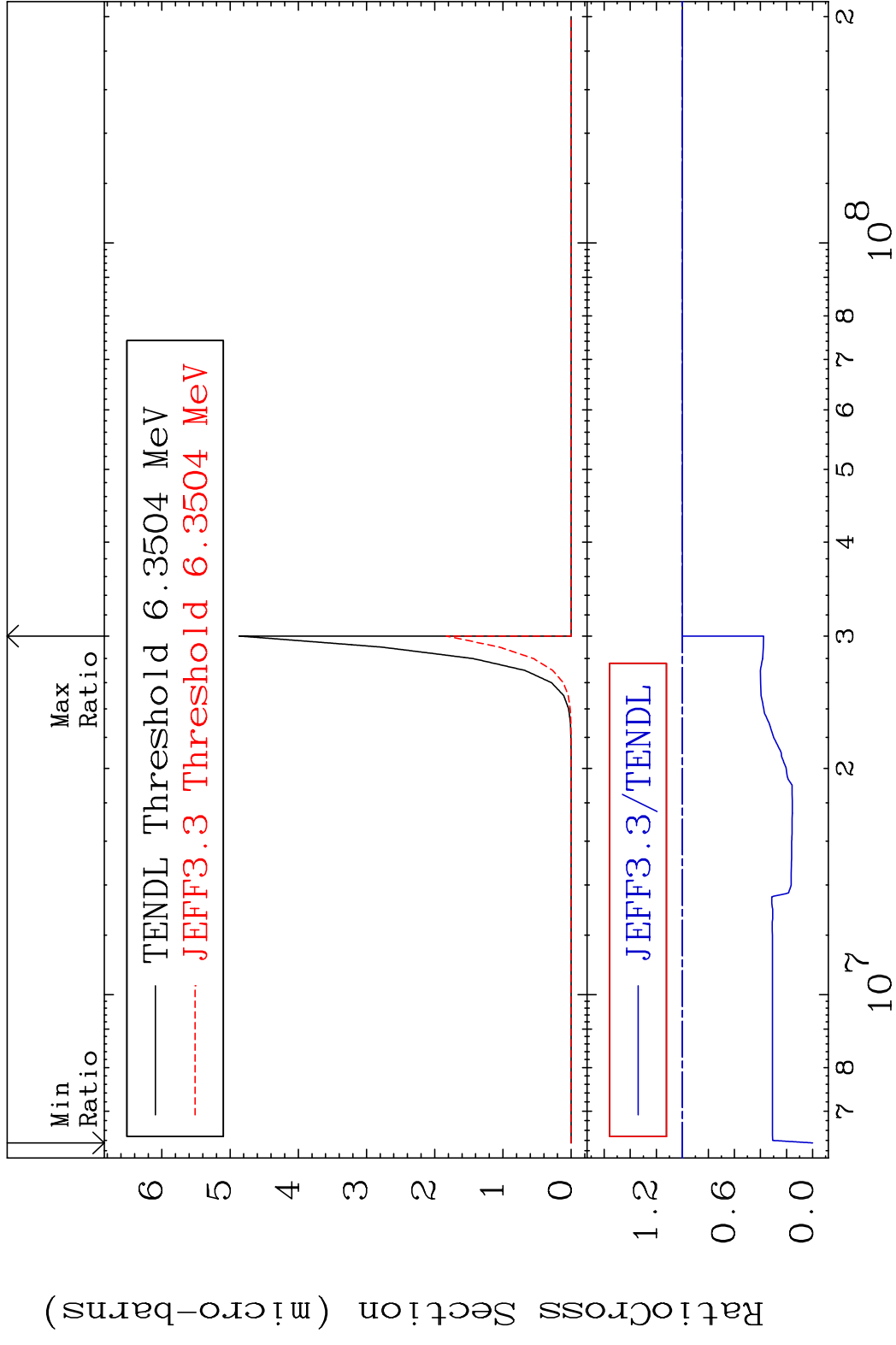




MAT 7631 (n,2p):74-W -185g 76-0s-186
 Radionuclide Production Cross Section 186.01 d to 94.25 %



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



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

