

Program Complot
(Version 2021-1)

by

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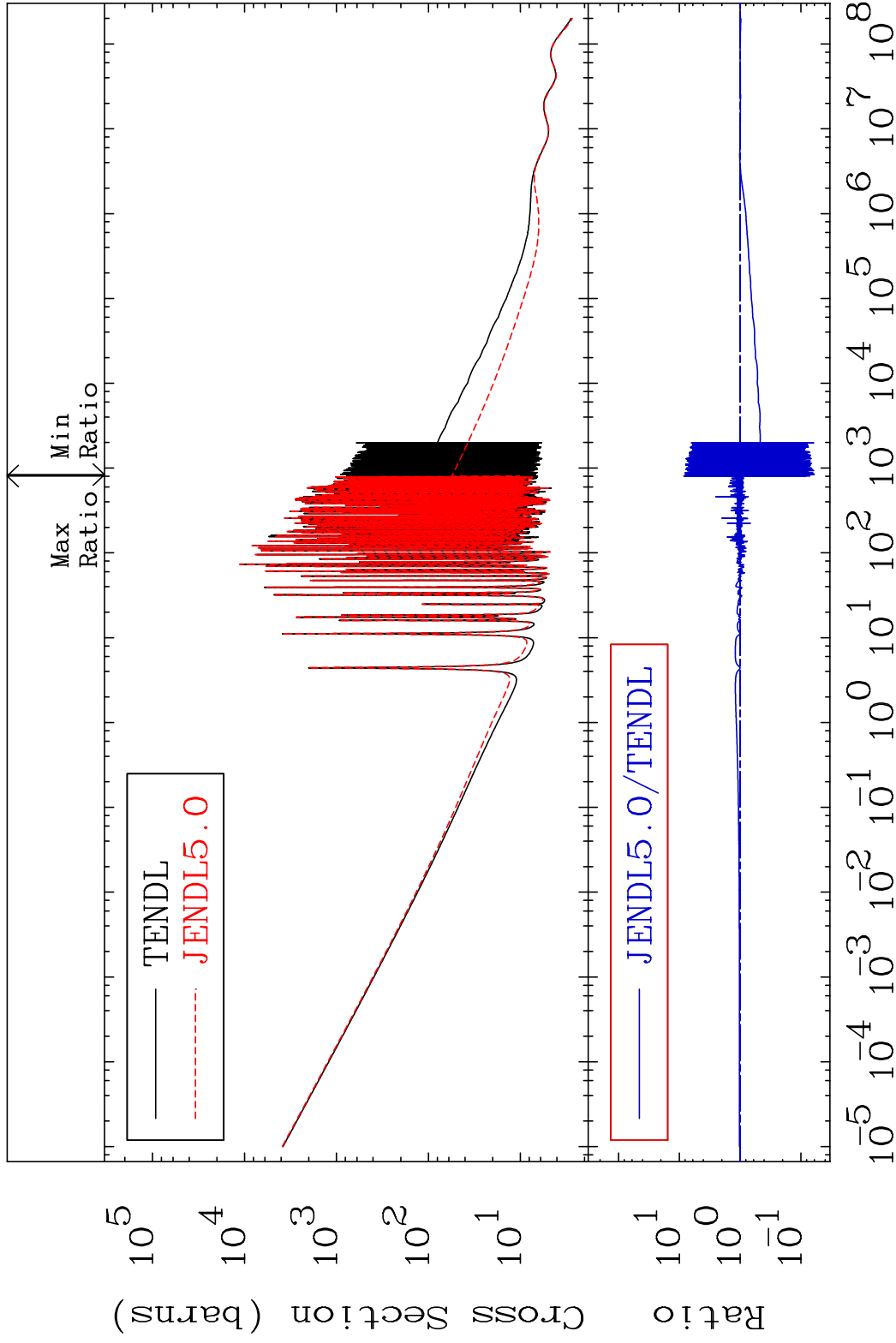
Press Mouse Button to Start

MAT 7531

Total

75-Re-187

Cross Section -93.95 To 746.2 %



1

Incident Energy (eV)

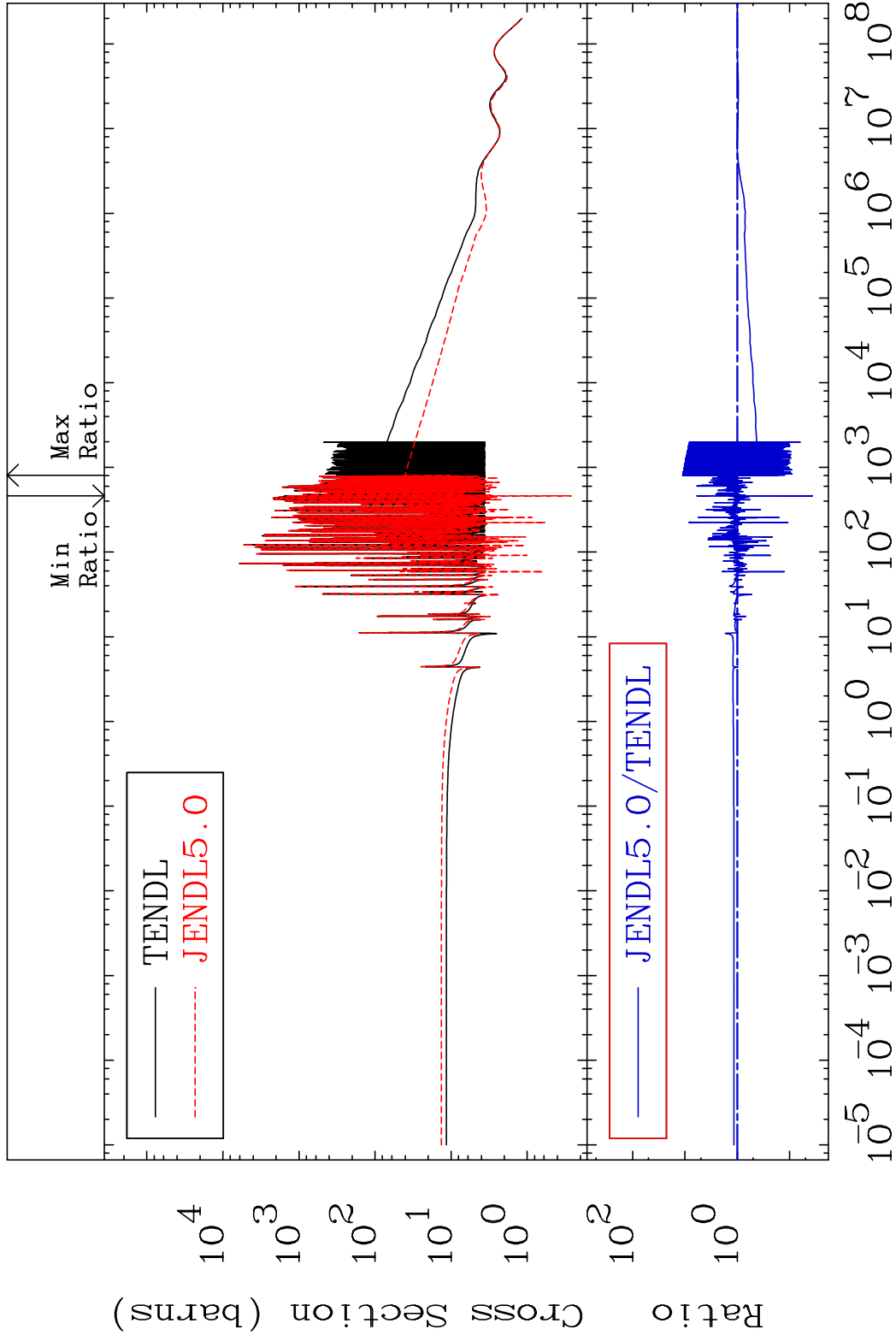
75-Re-187

MAT 7531

Elastic

75-Re-187

Cross Section -96.35 To 1023. %

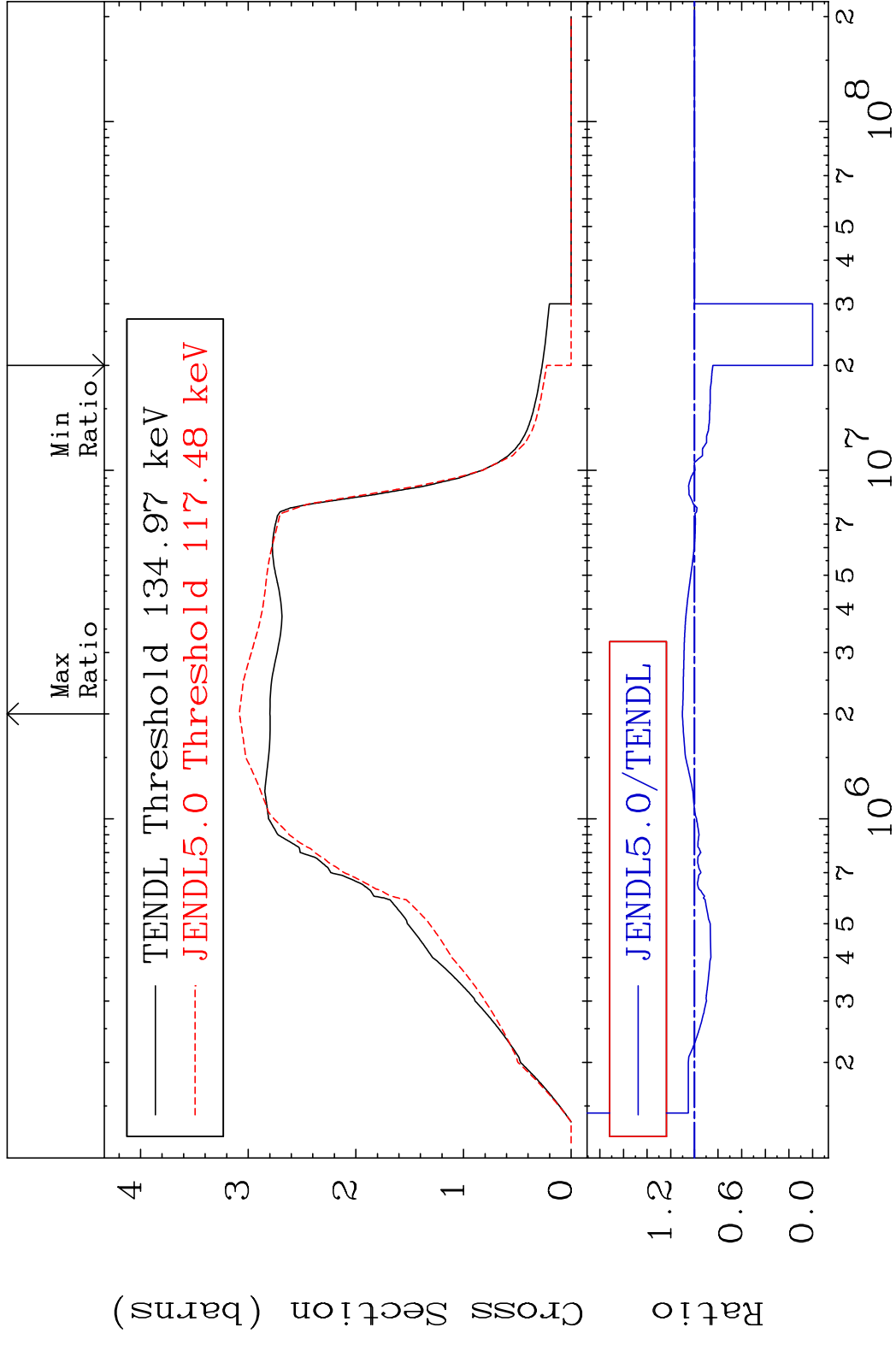


2

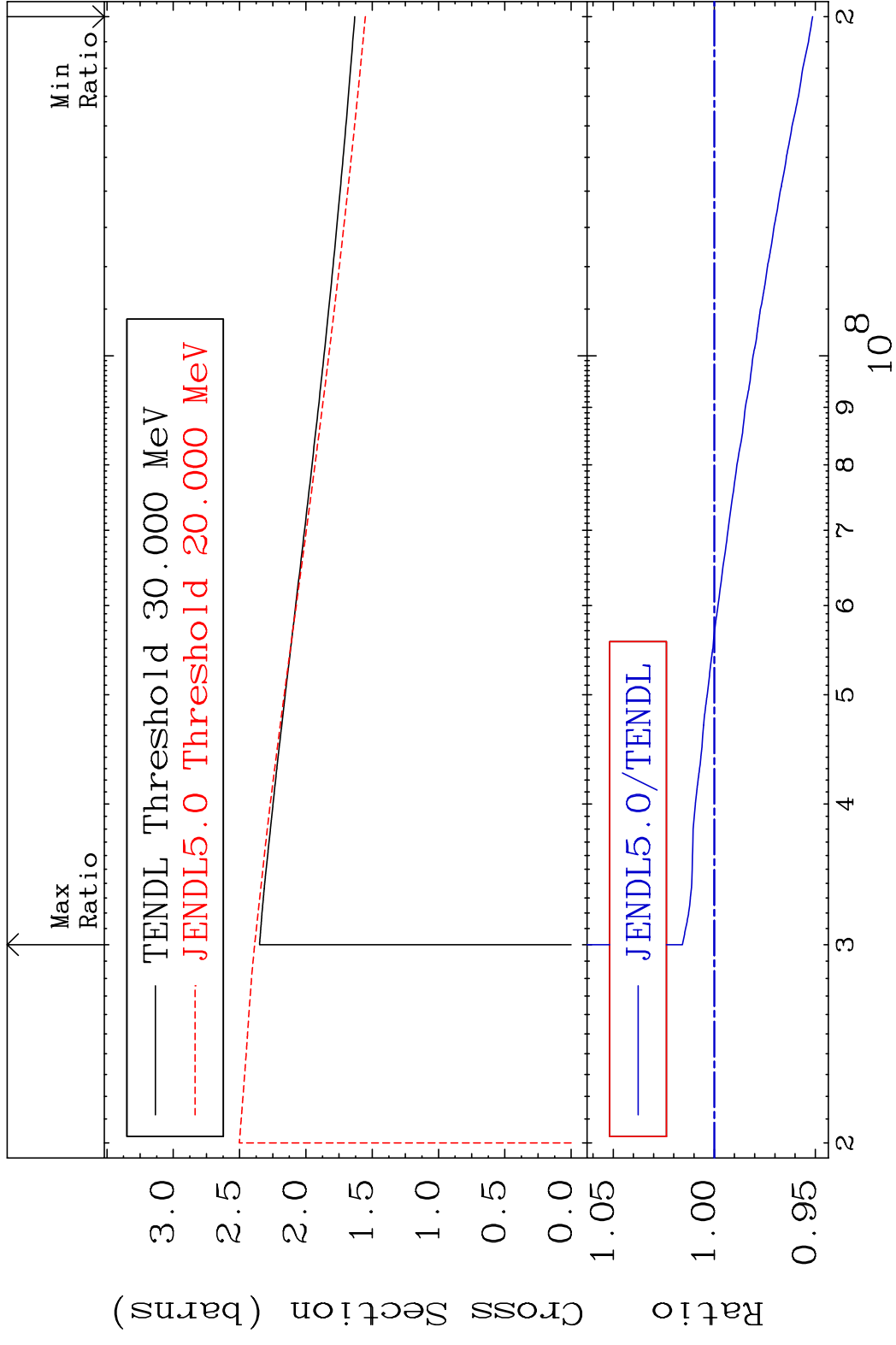
Incident Energy (eV)

75-Re-187

MAT 7531 Inelastic Cross Section -100.0 To 10.18 % 75-Re-187



MAT 7531 (n, remainder) 75-Re-187
 Cross Section -4.864 To 1.578 %



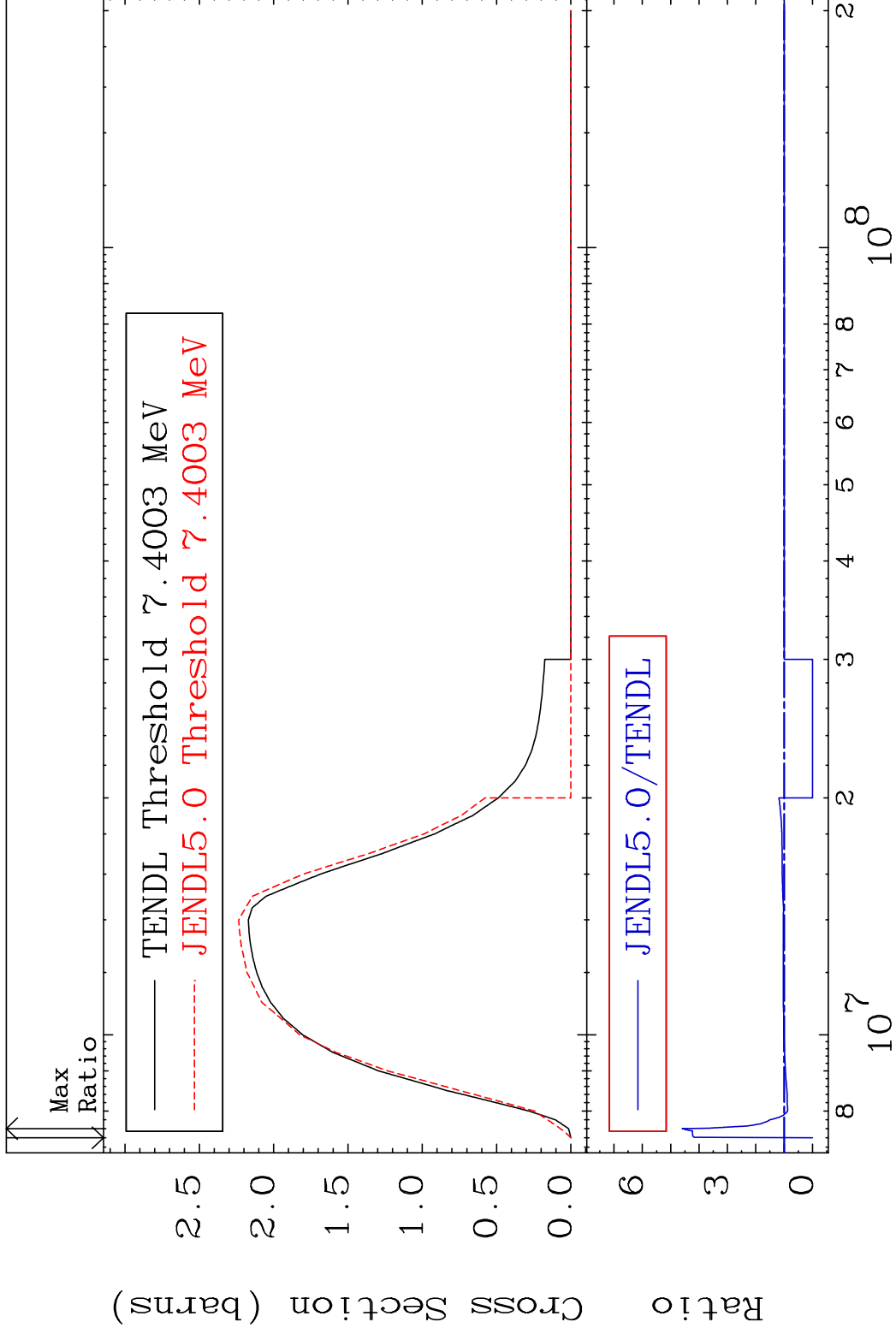
4 Incident Energy (eV) 75-Re-187

MAT 7531

(n,2n)

75-Re-187

Cross Section -100.0 To 359.6 %



5

Incident Energy (eV)

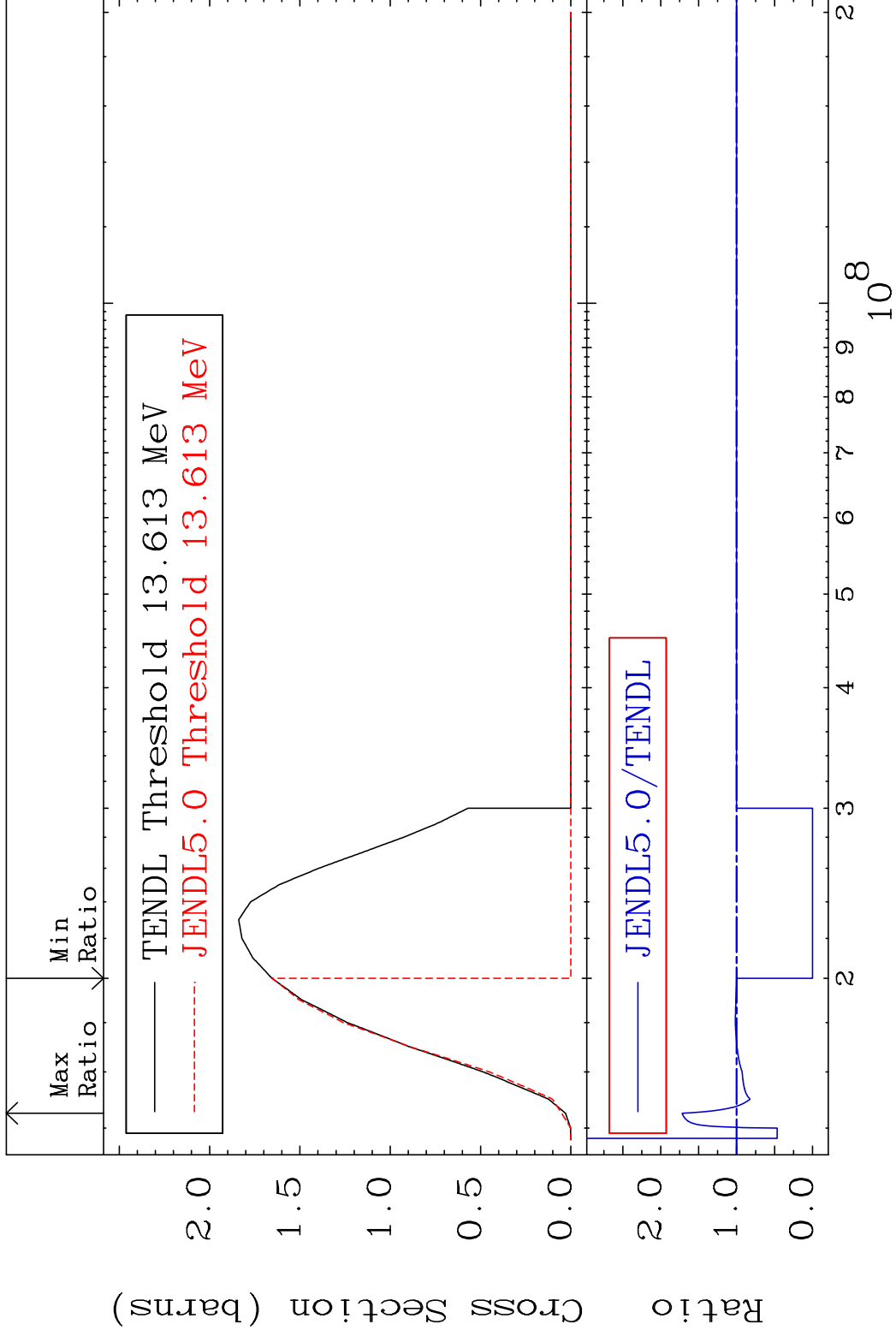
75-Re-187

MAT 7531

(n,3n)

75-Re-187

Cross Section -100.0 To 71.79 %



6

Incident Energy (eV)

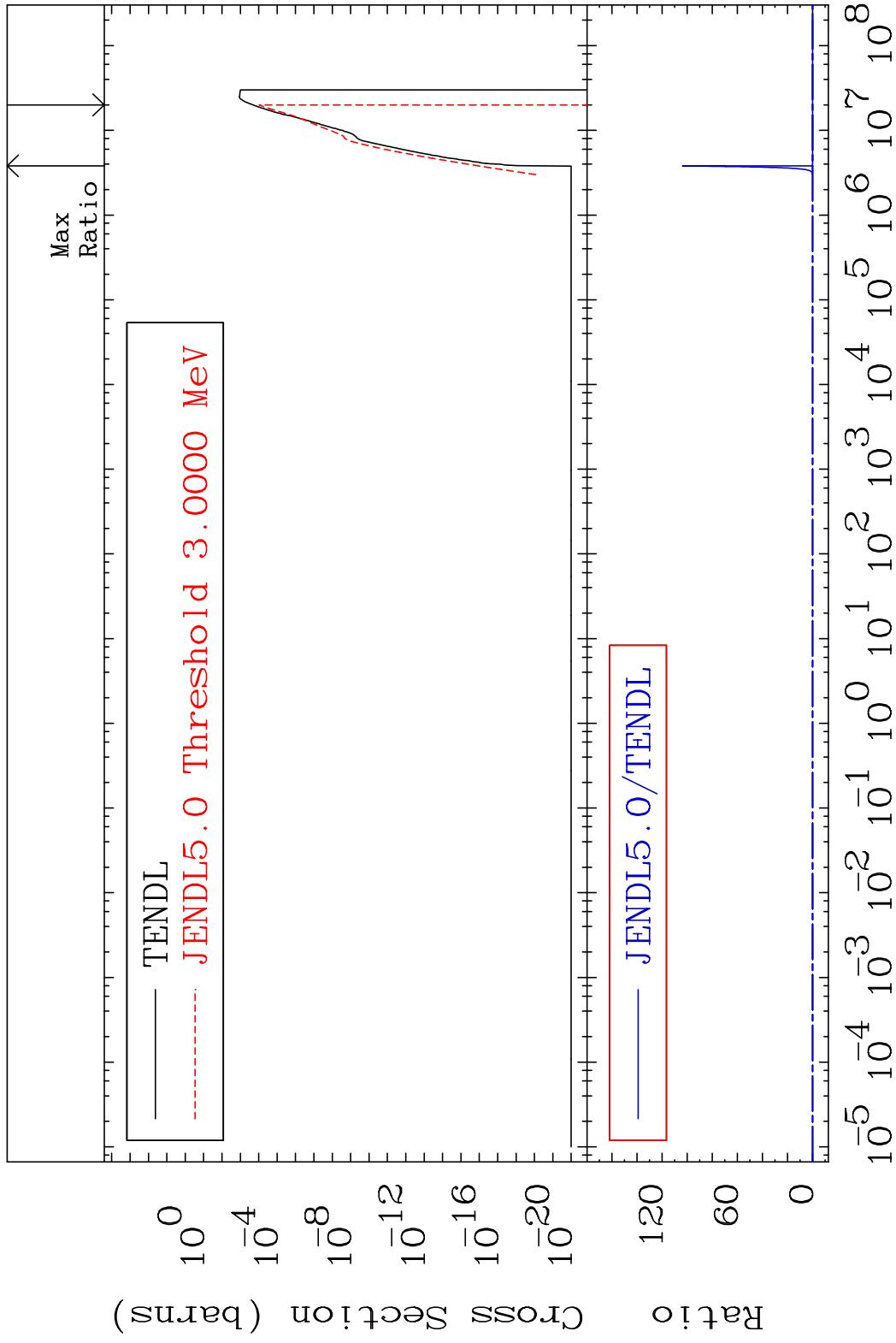
75-Re-187

MAT 7531

(n, n') α

75-Re-187

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

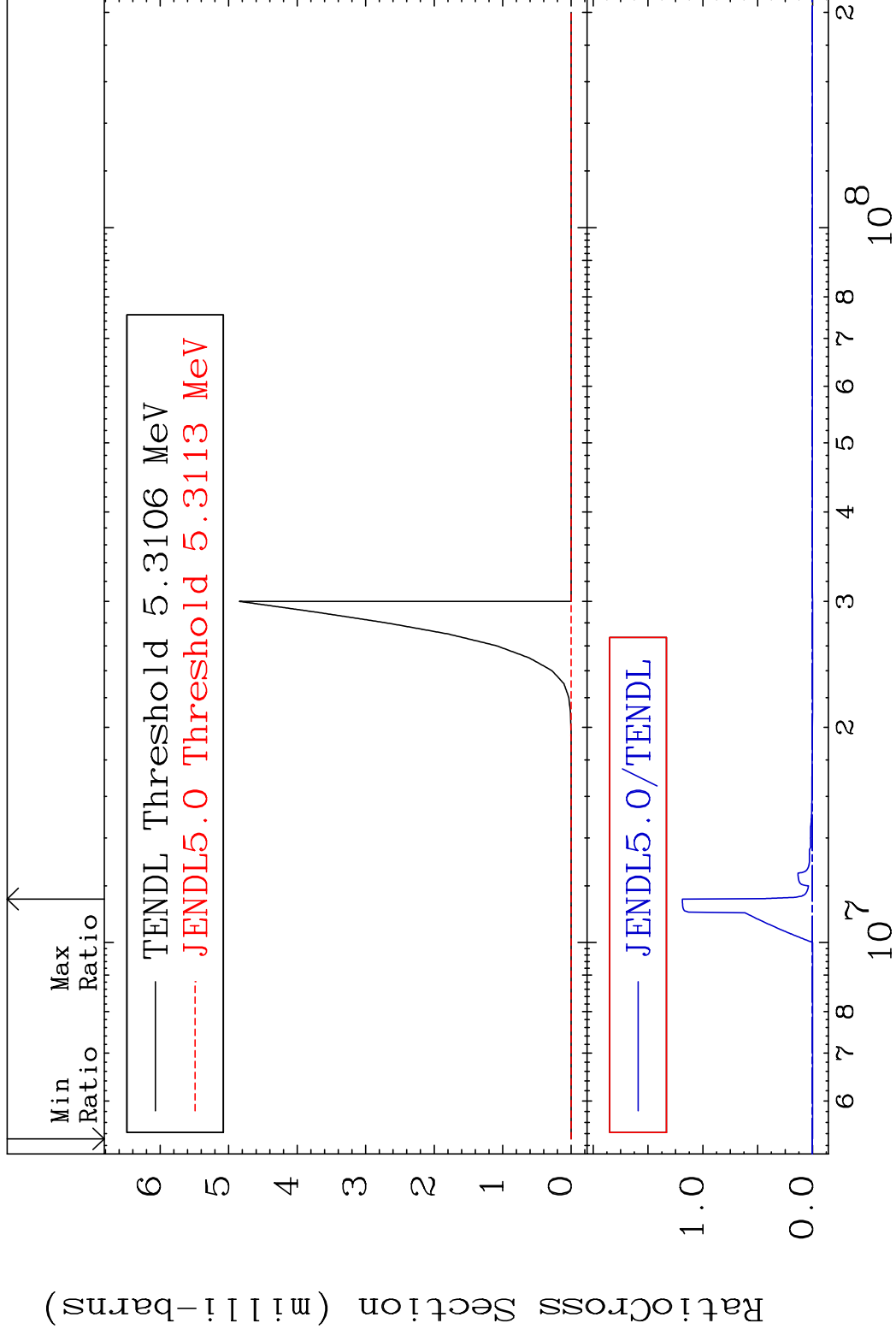
75-Re-187

MAT 7531

(n,2n) α

75-Re-187

Cross Section -100.0 To 9999. %

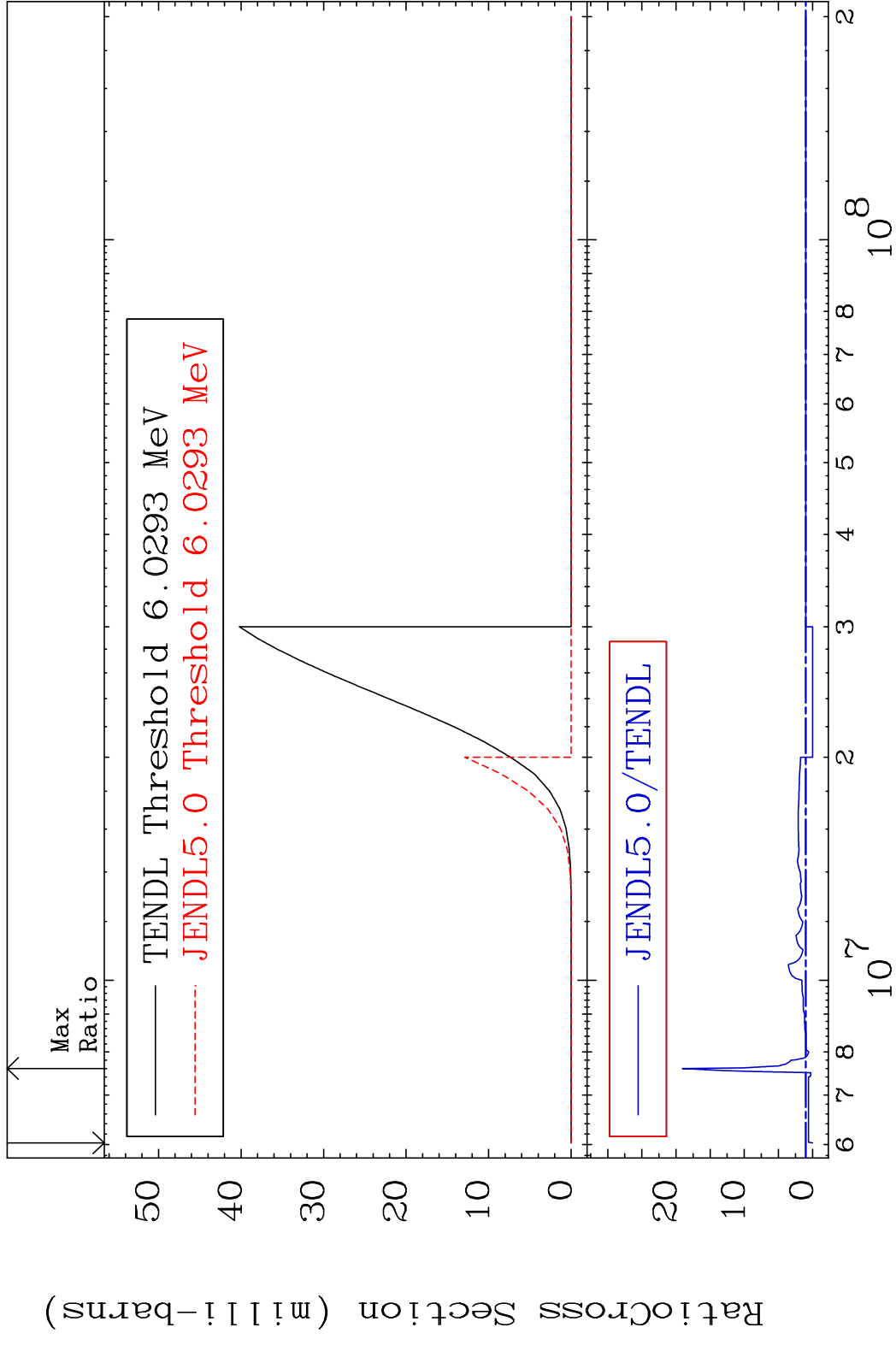


8

Incident Energy (eV)

75-Re-187

MAT 7531 (n, n') p 75-Re-187
 Cross Section -100.0 To 1807. %

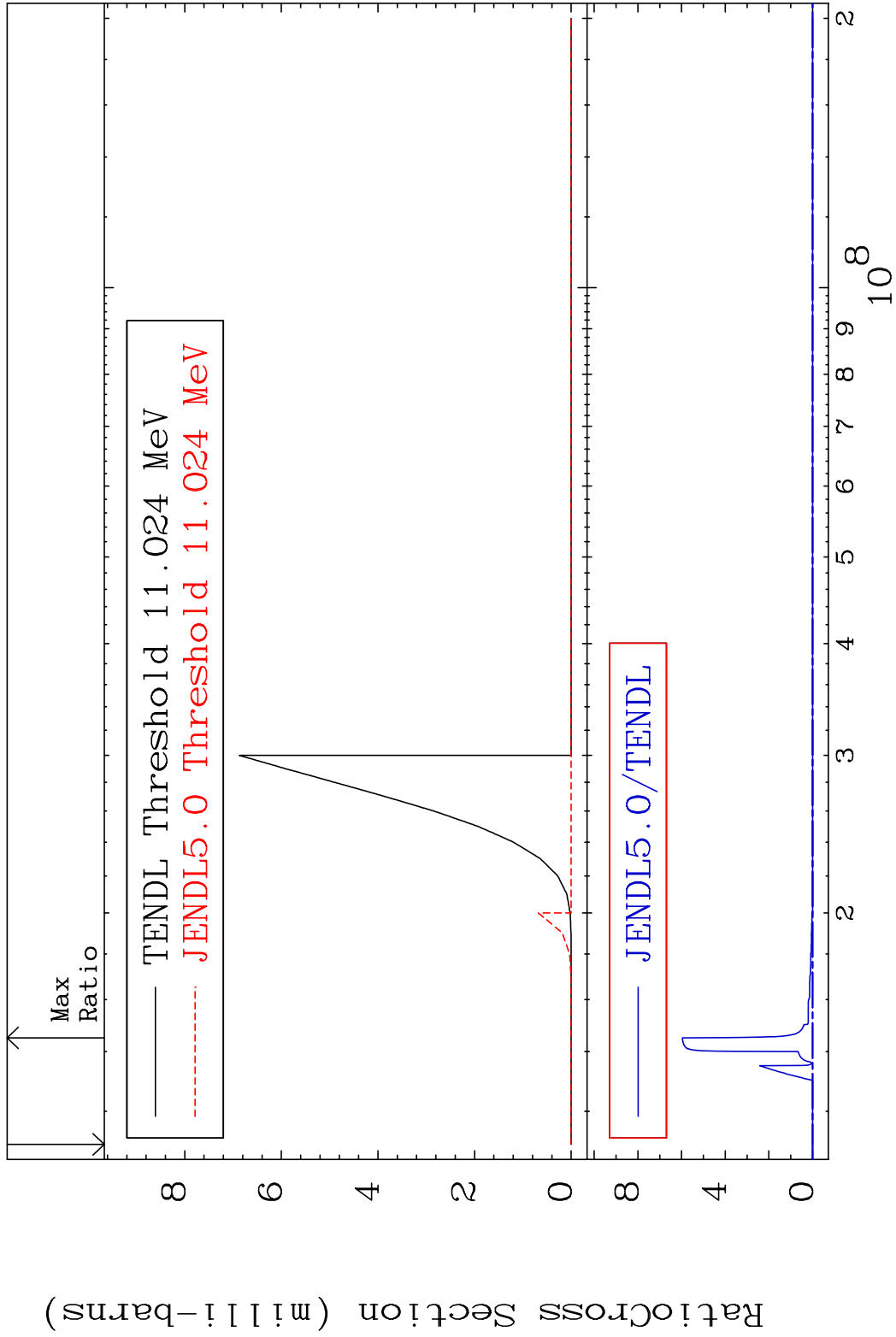


MAT 7531

(n, n') d

75-Re-187

Cross Section -100.0 To 9999. %

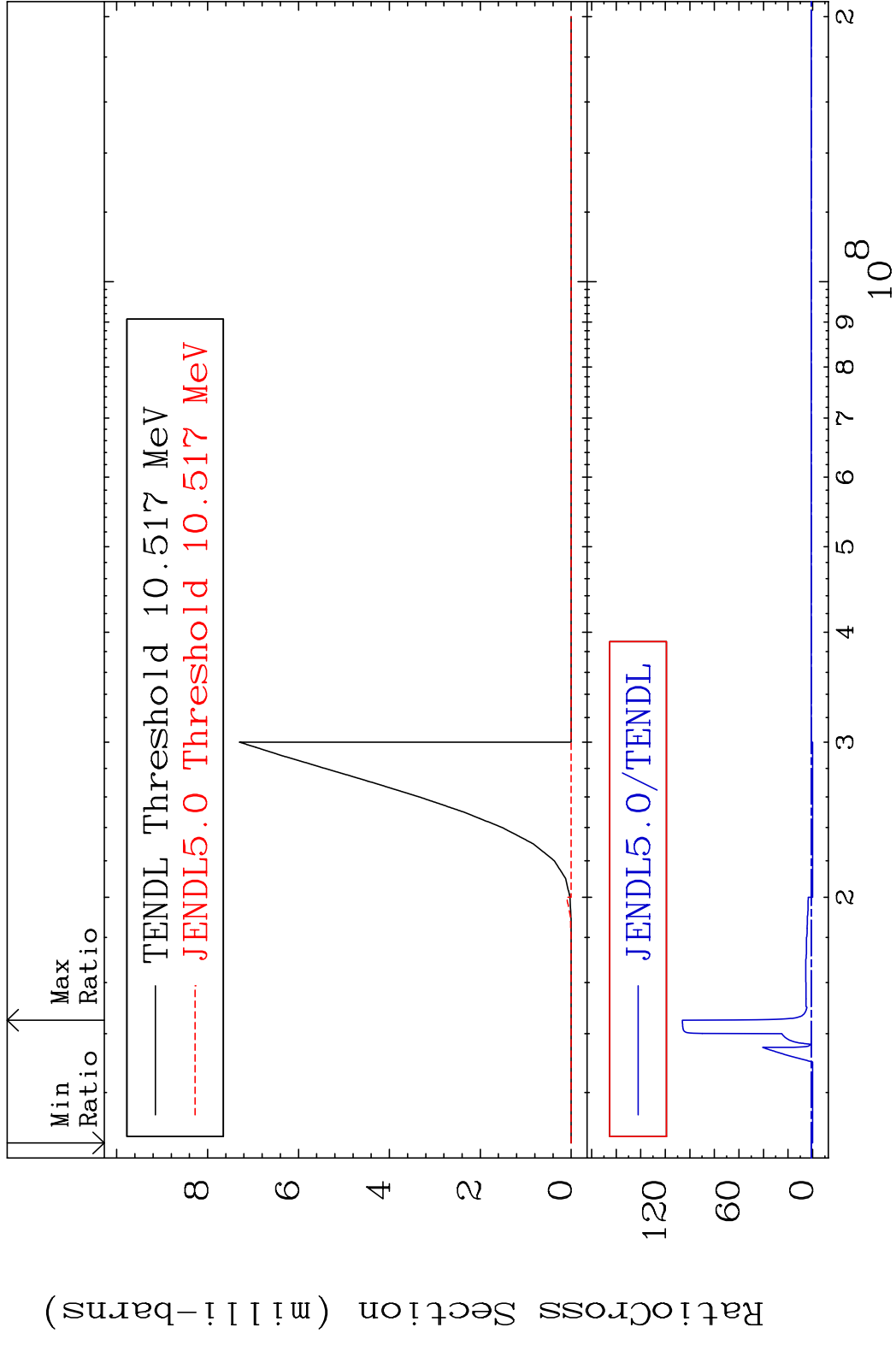


10

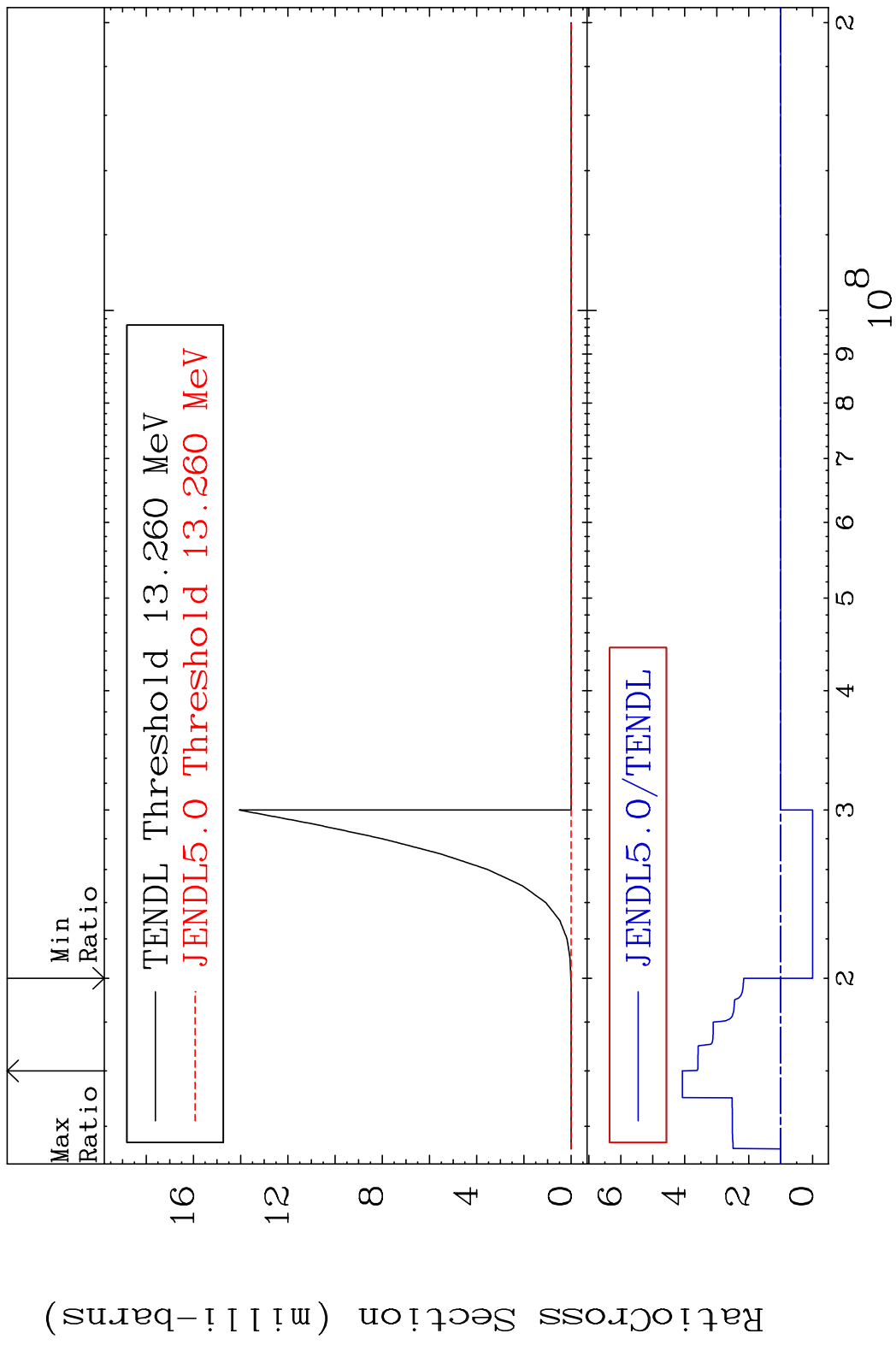
Incident Energy (eV)

75-Re-187

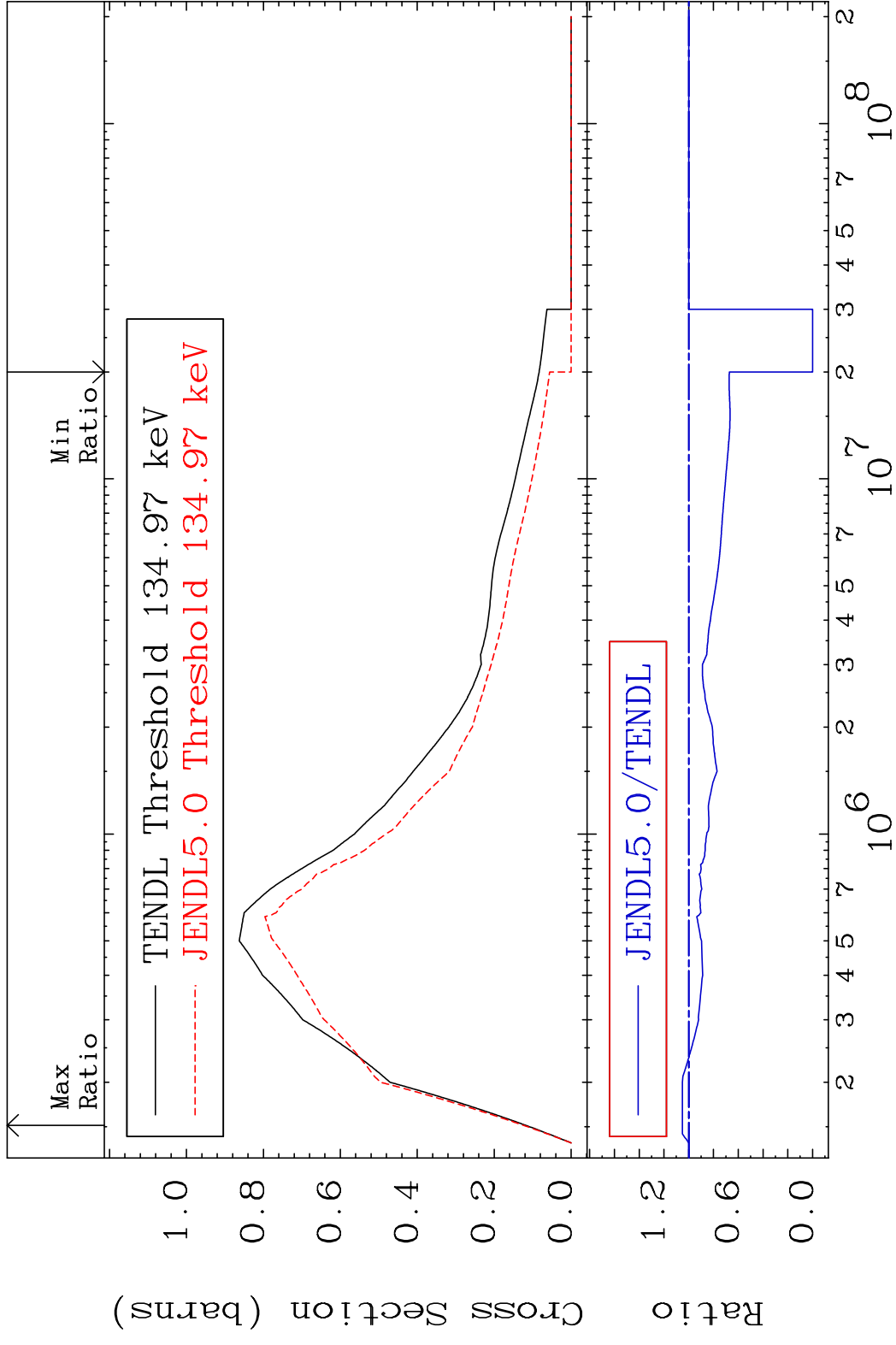
MAT 7531 (n, n') t 75-Re-187
 Cross Section -100.0 To 9999. %



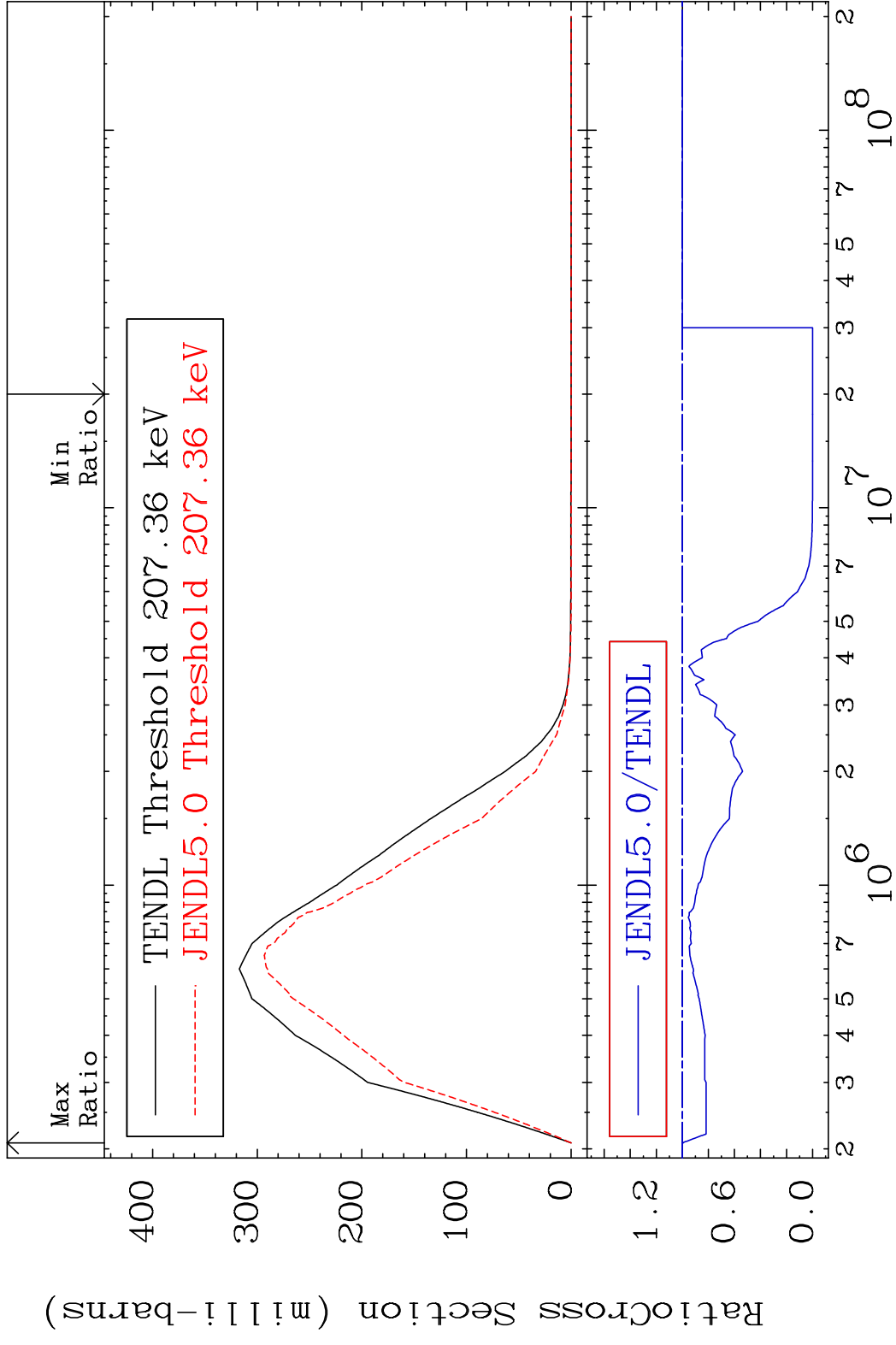
MAT 7531 (n,2n) p 75-Re-187
 Cross Section -100.0 To 307.6 %



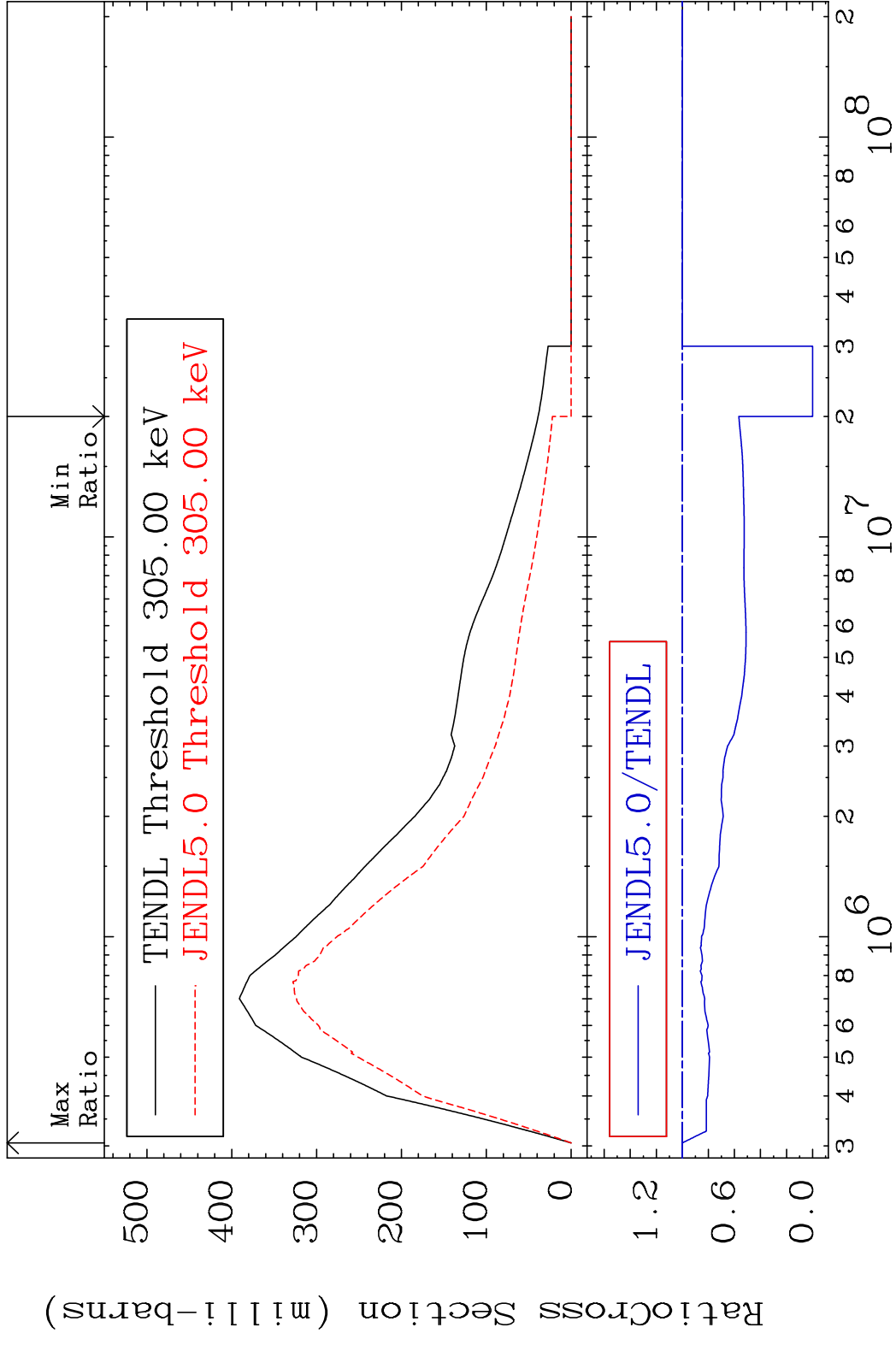
MAT 7531 MT= 51 (n, n') Level 75-Re-187
 Cross Section -100.0 To 5.138 %



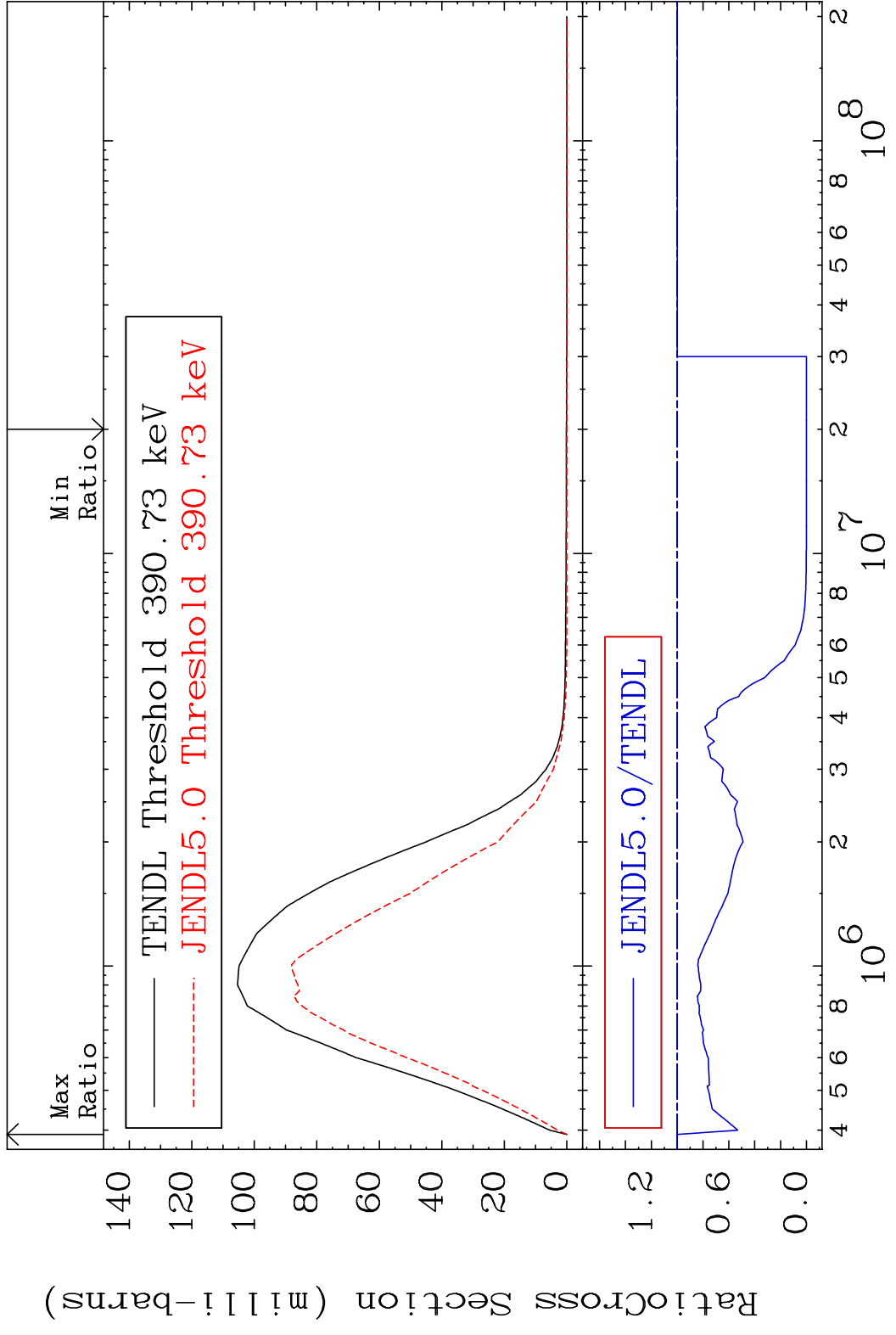
MAT 7531 MT= 52 (n, n') Level 75-Re-187
 Cross Section -100.0 To 0.000 %



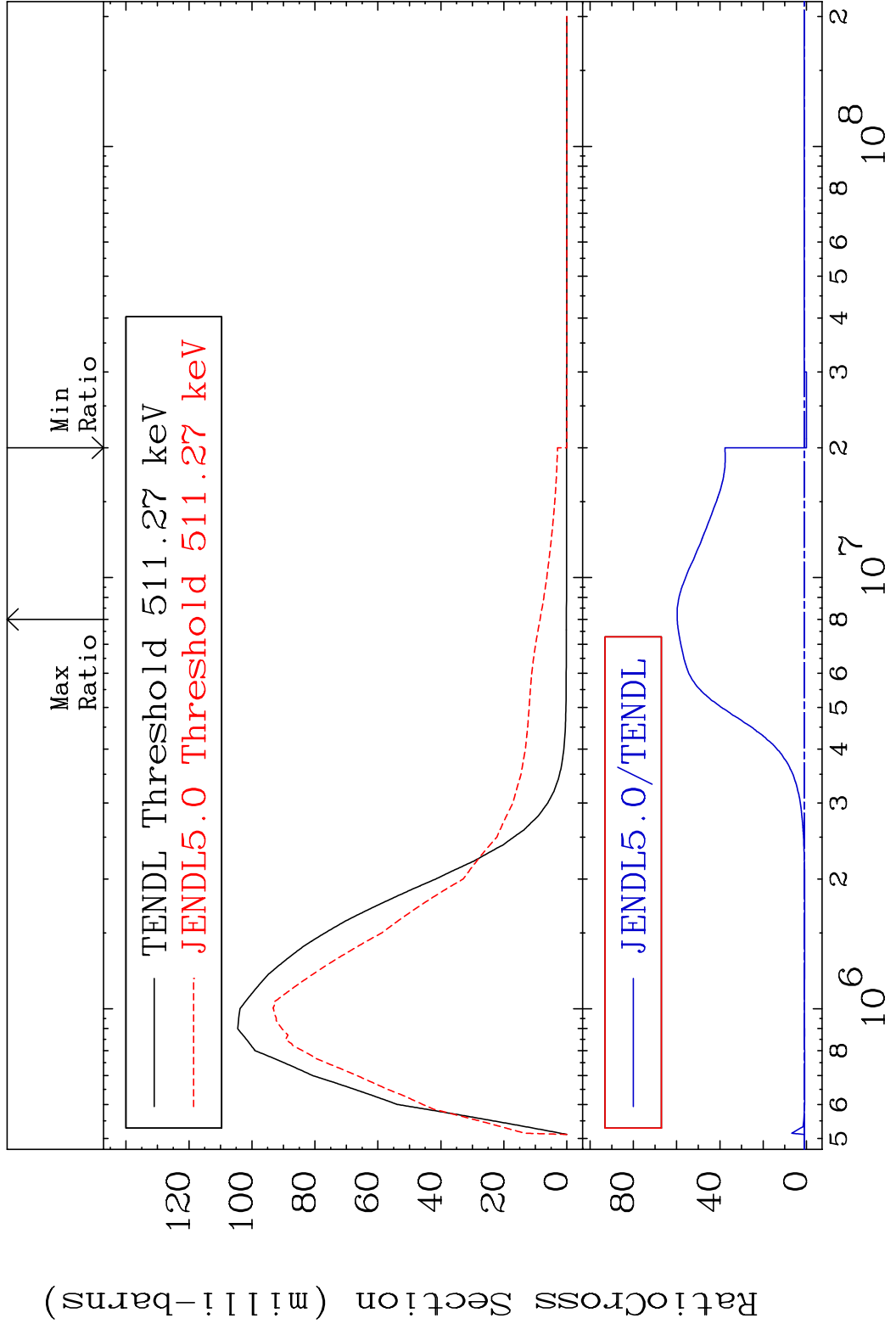
MAT 7531 MT= 53 (n, n') Level 75-Re-187
 Cross Section -100.0 To 0.000 %



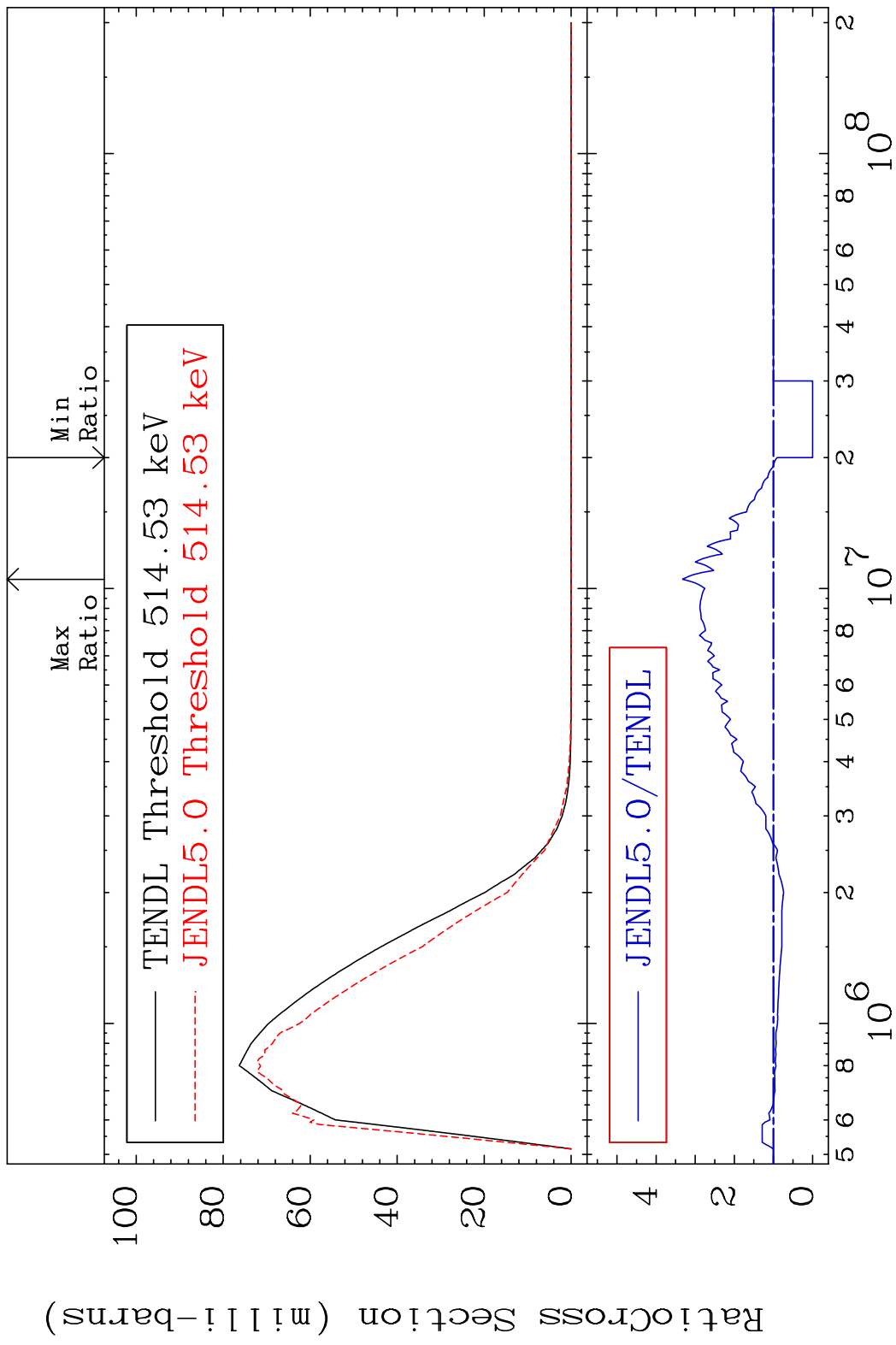
MAT 7531 MT= 54 (n,n') Level 75-Re-187
 Cross Section -100.0 To 0.000 %



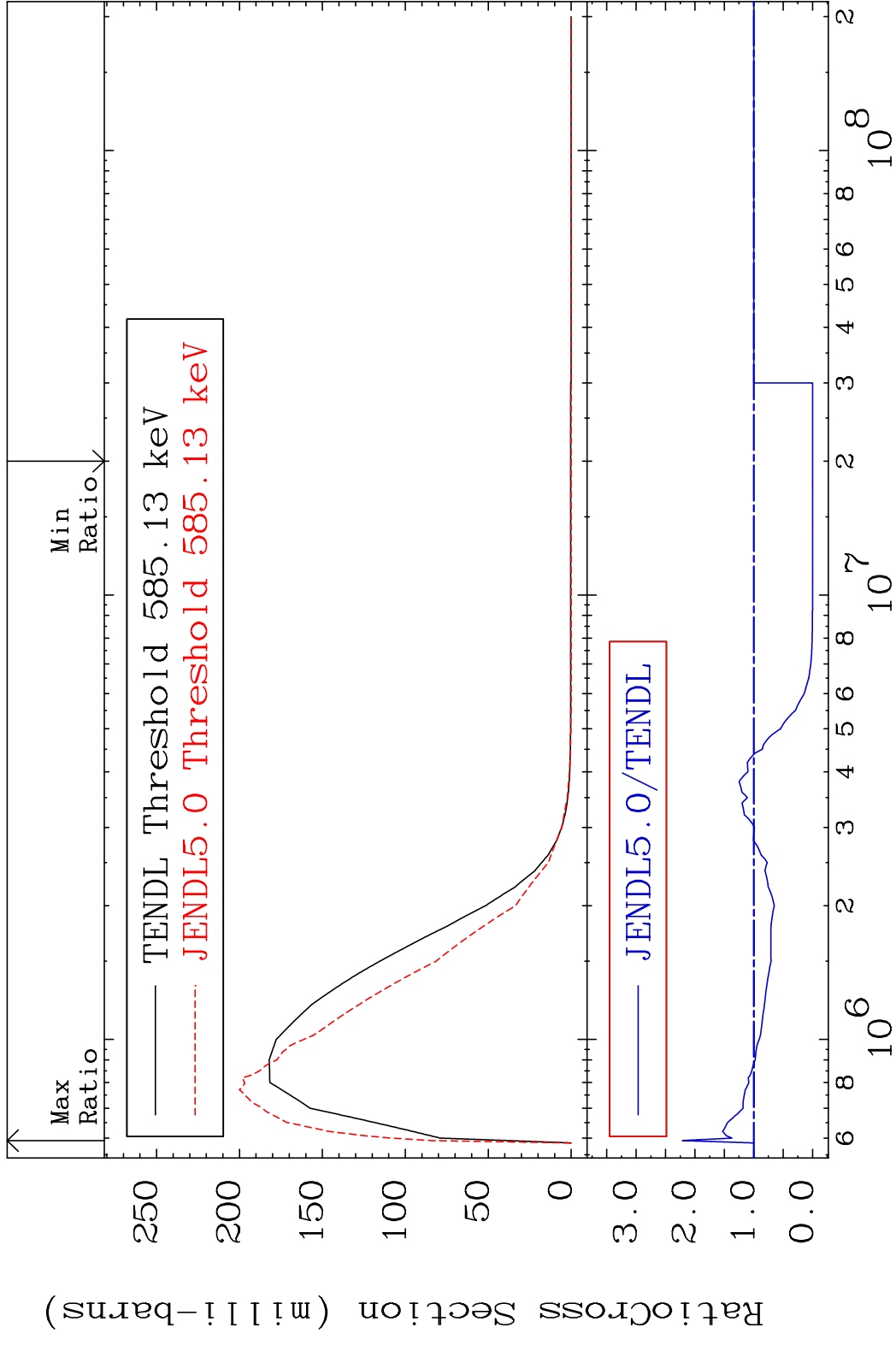
MAT 7531 MT= 55 (n, n') Level 75-Re-187
 Cross Section -100.0 To 5874. %



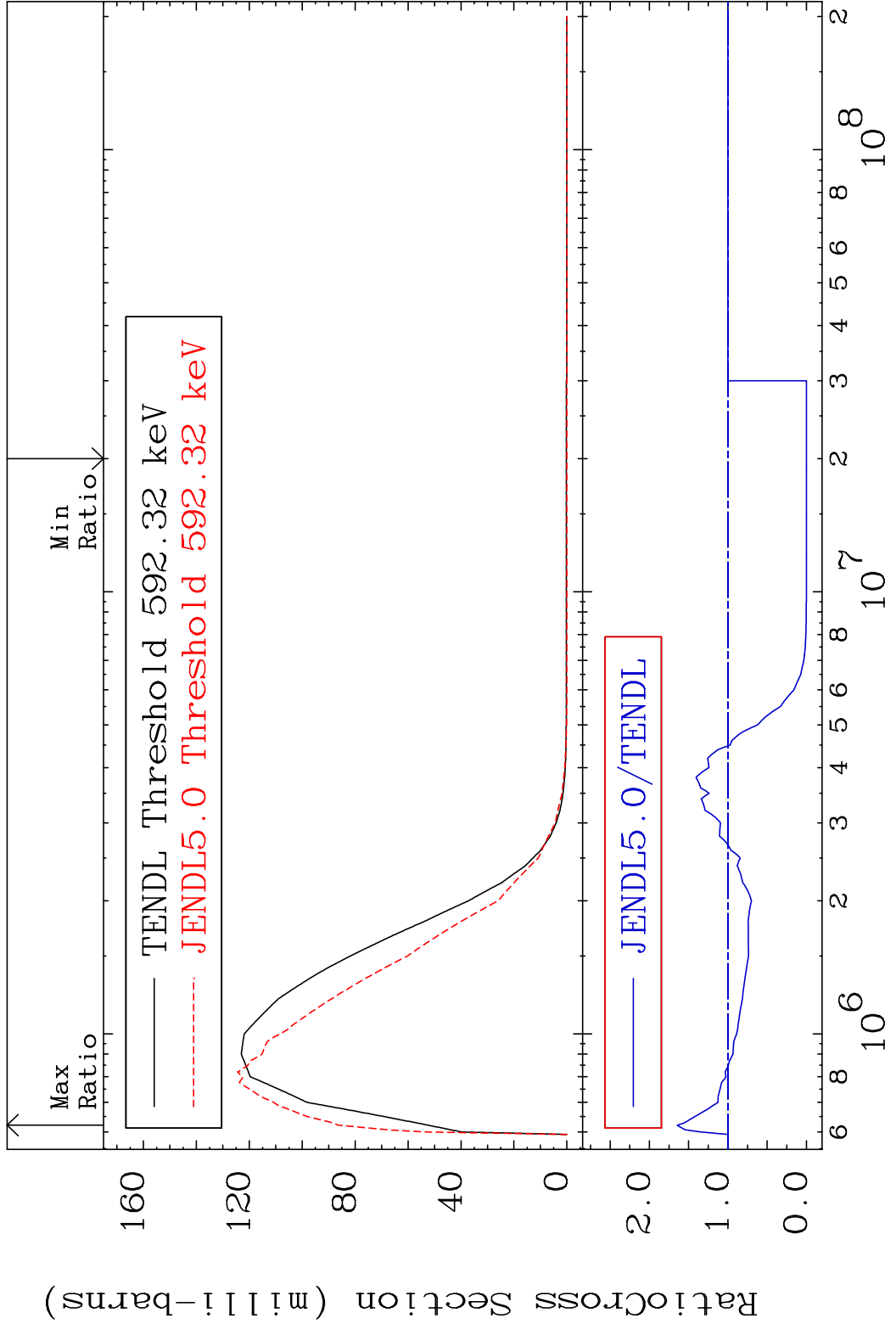
MAT 7531 MT= 56 (n, n') Level 75-Re-187
 Cross Section -100.0 To 232.8 %



MAT 7531 MT= 57 (n, n') Level 75-Re-187
 Cross Section -100.0 To 121.4 %

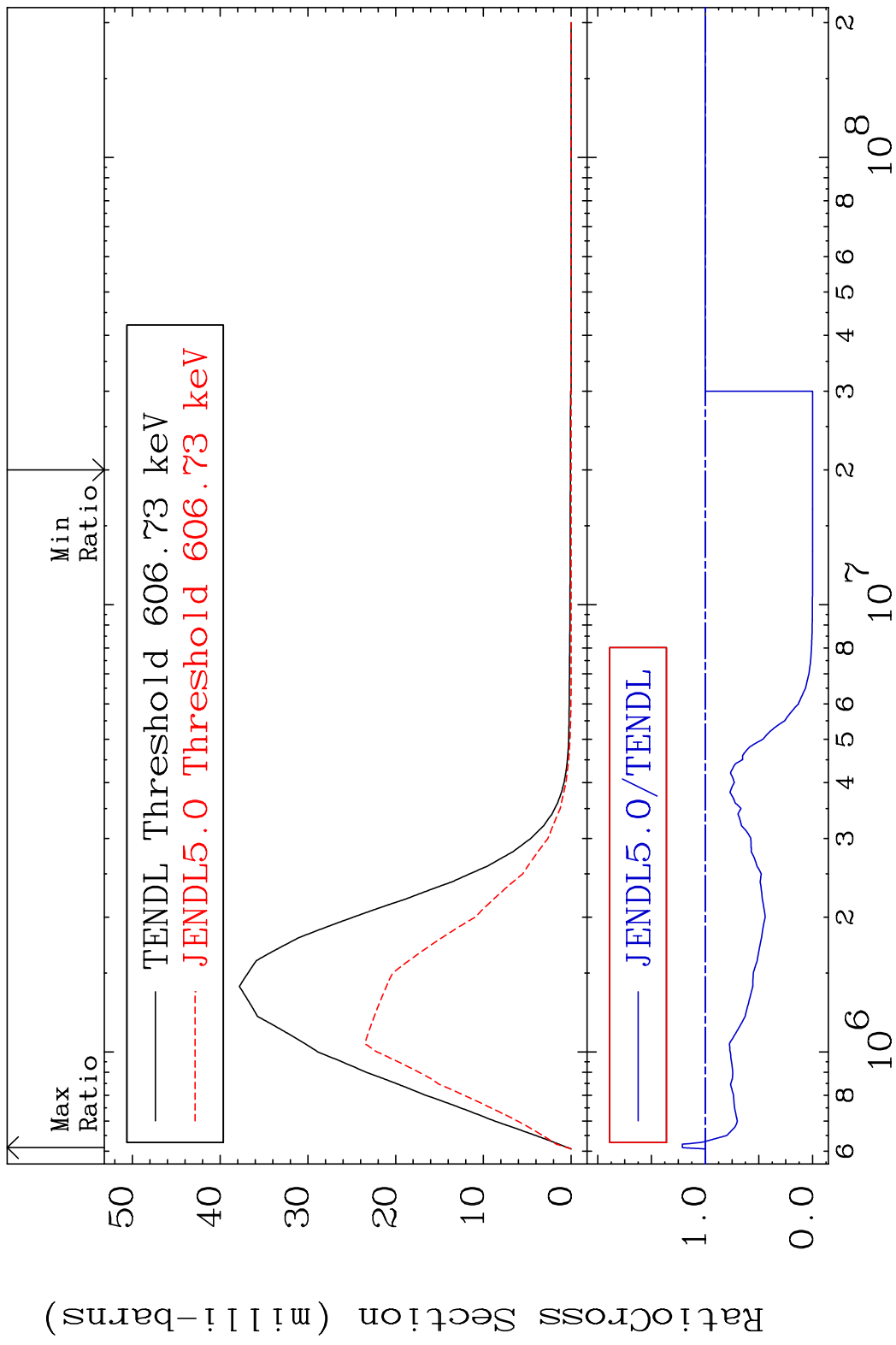


MAT 7531 MT= 58 (n, n') Level 75-Re-187
 Cross Section -100.0 To 64.60 %

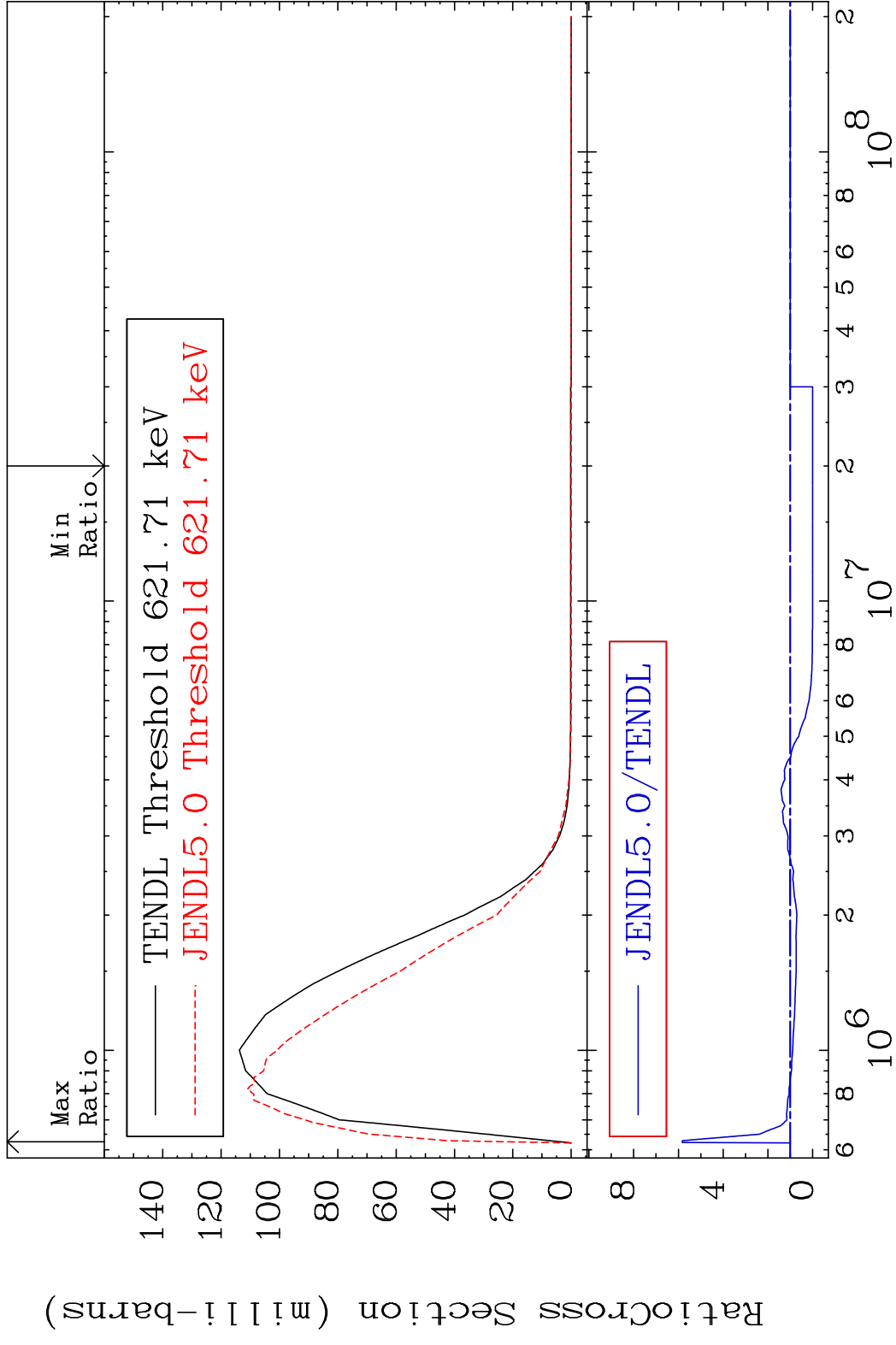


20 Incident Energy (eV) 75-Re-187

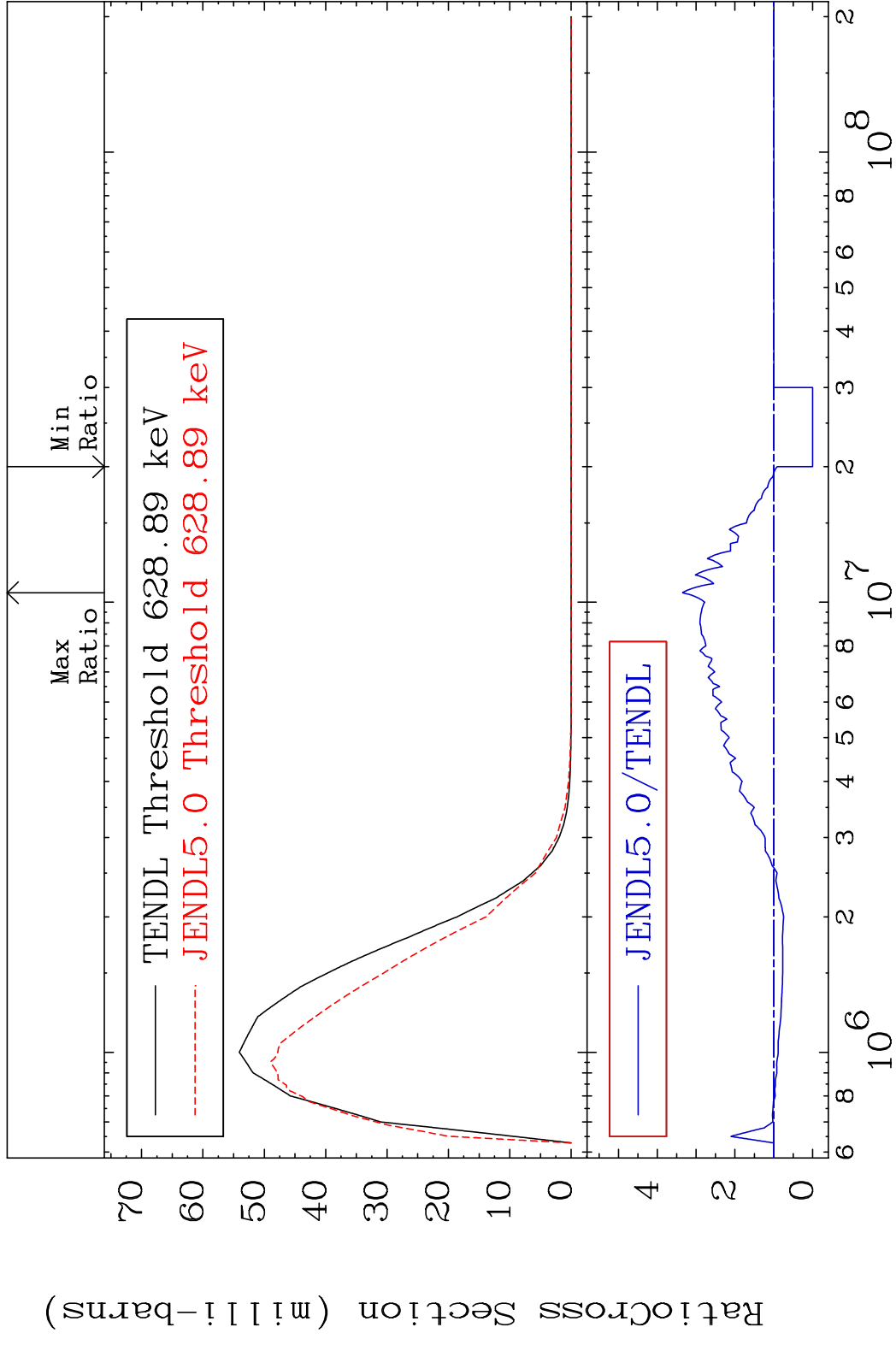
MAT 7531 MT= 59 (n, n') Level 75-Re-187
 Cross Section -100.0 To 21.25 %



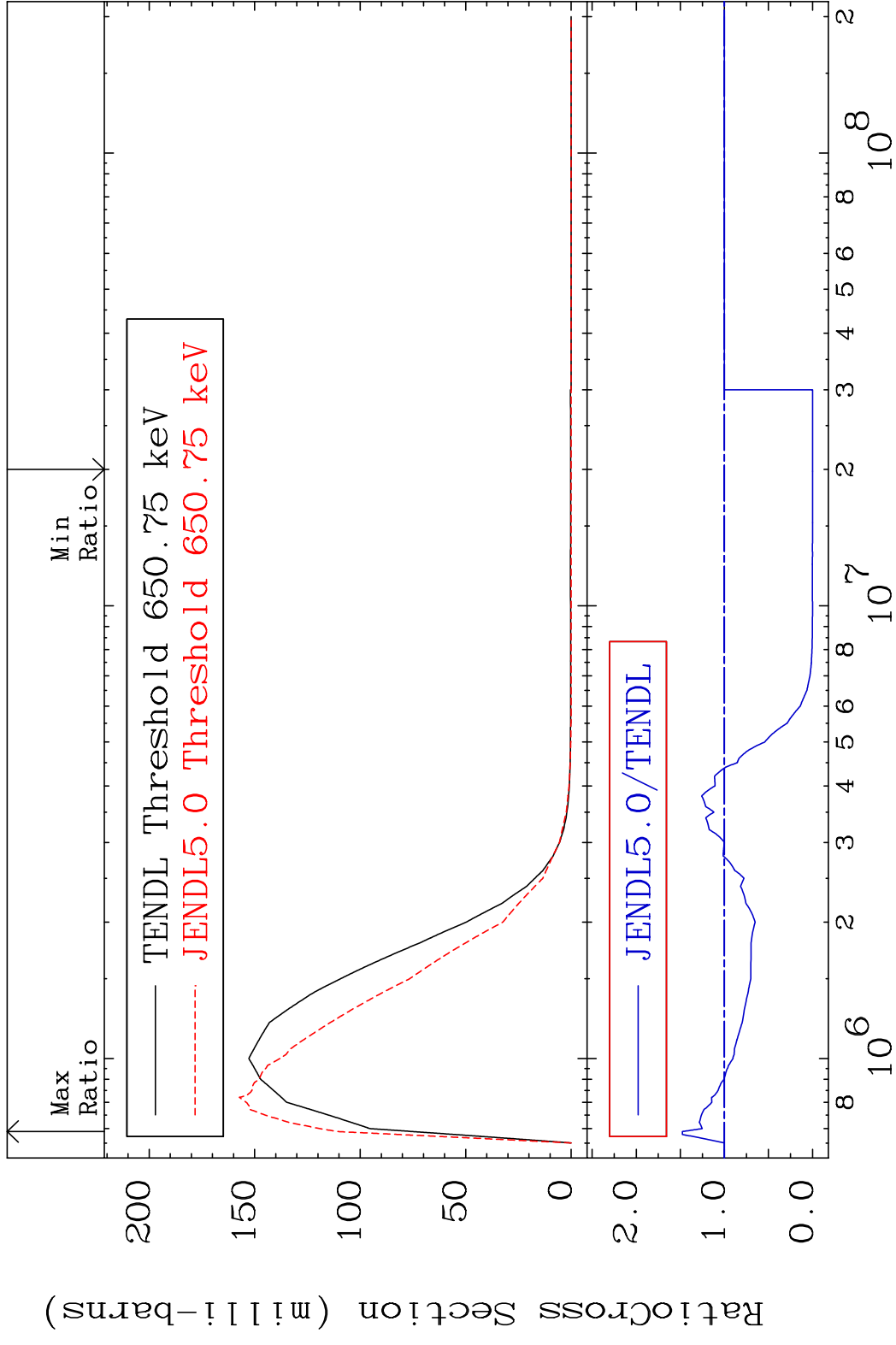
MAT 7531 MT= 60 (n, n') Level 75-Re-187
 Cross Section -100.0 To 482.3 %



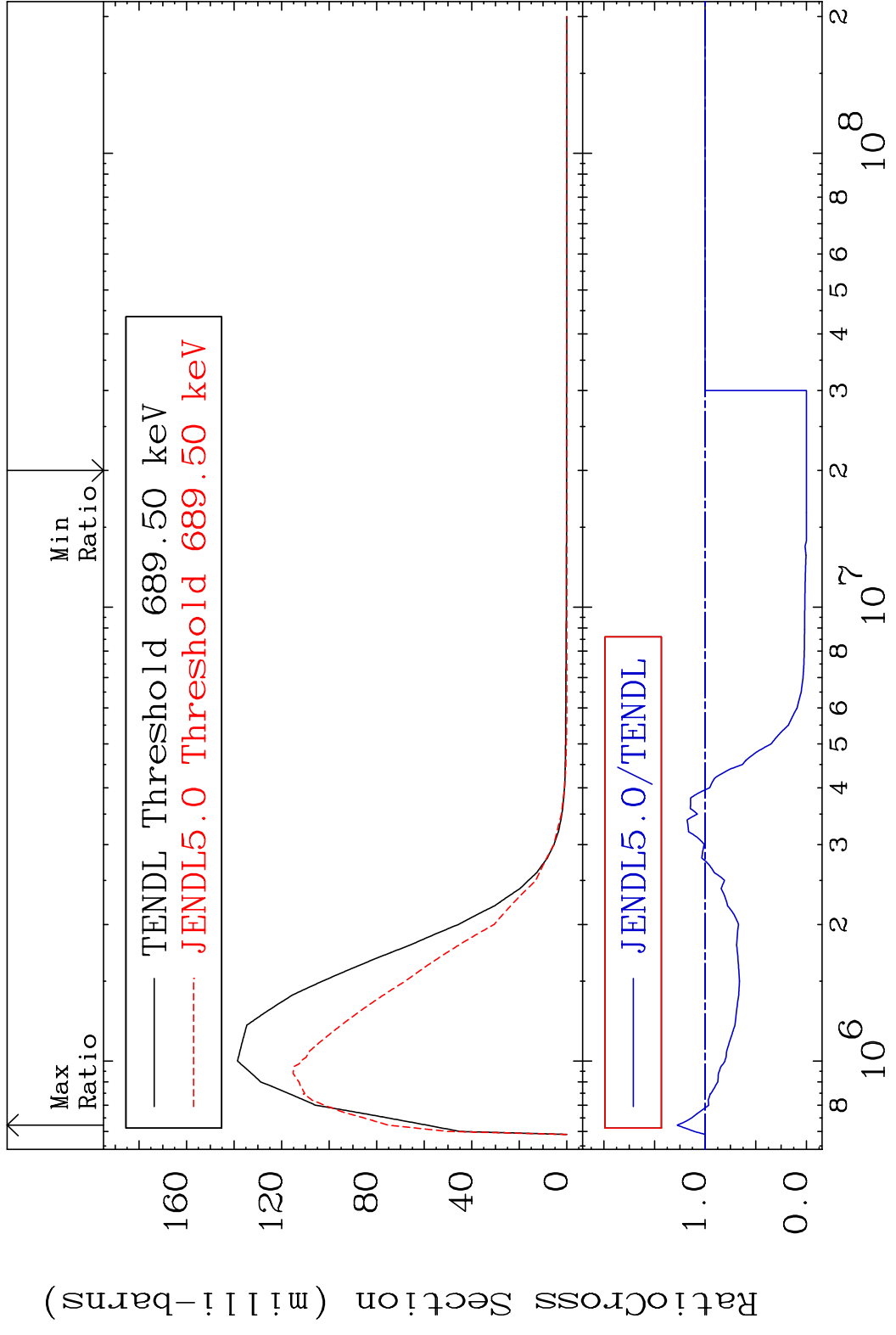
MAT 7531 MT= 61 (n, n') Level 75-Re-187
 Cross Section -100.0 To 235.5 %



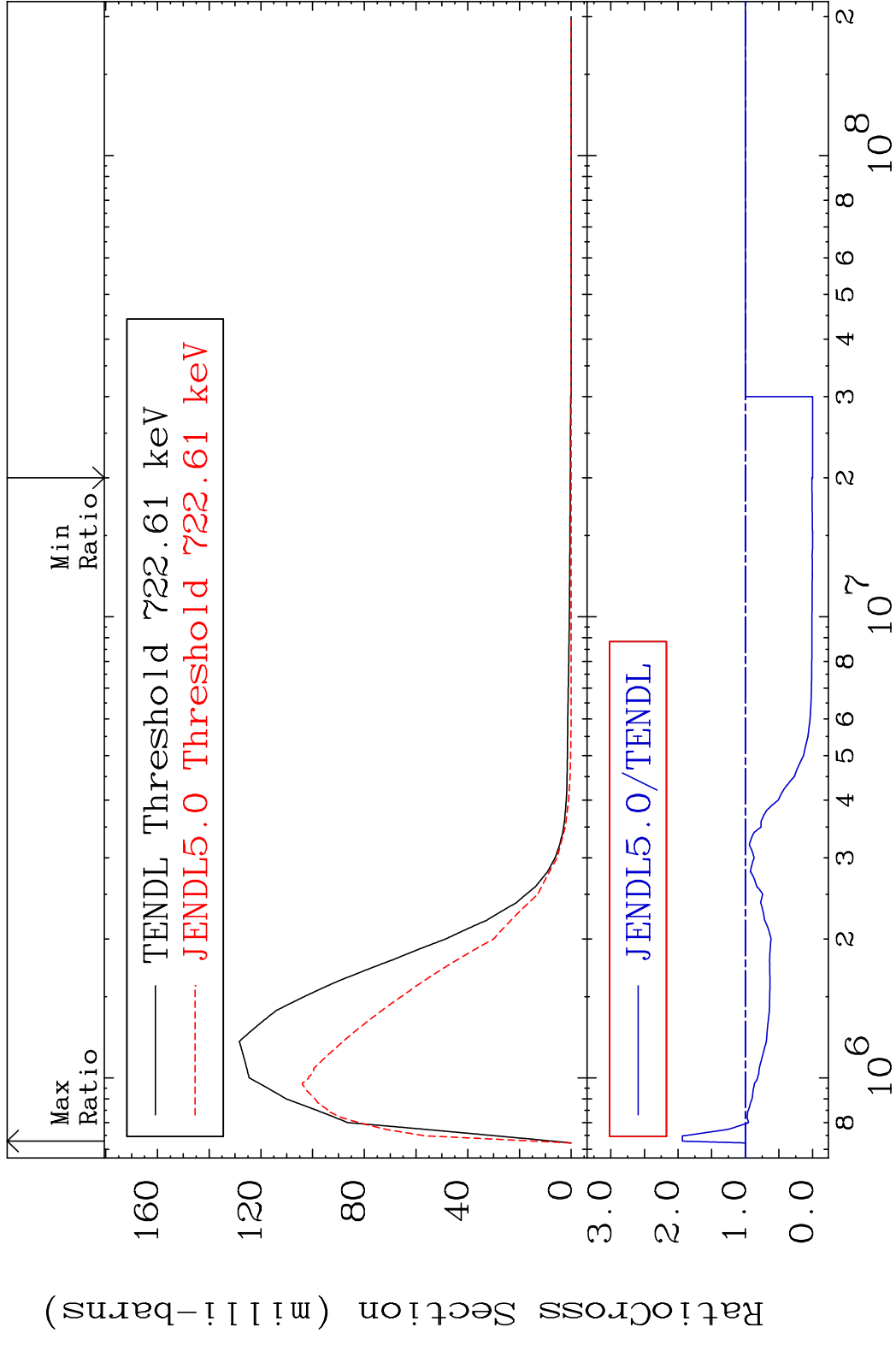
MAT 7531 MT= 62 (n, n') Level 75-Re-187
 Cross Section -100.0 To 47.67 %



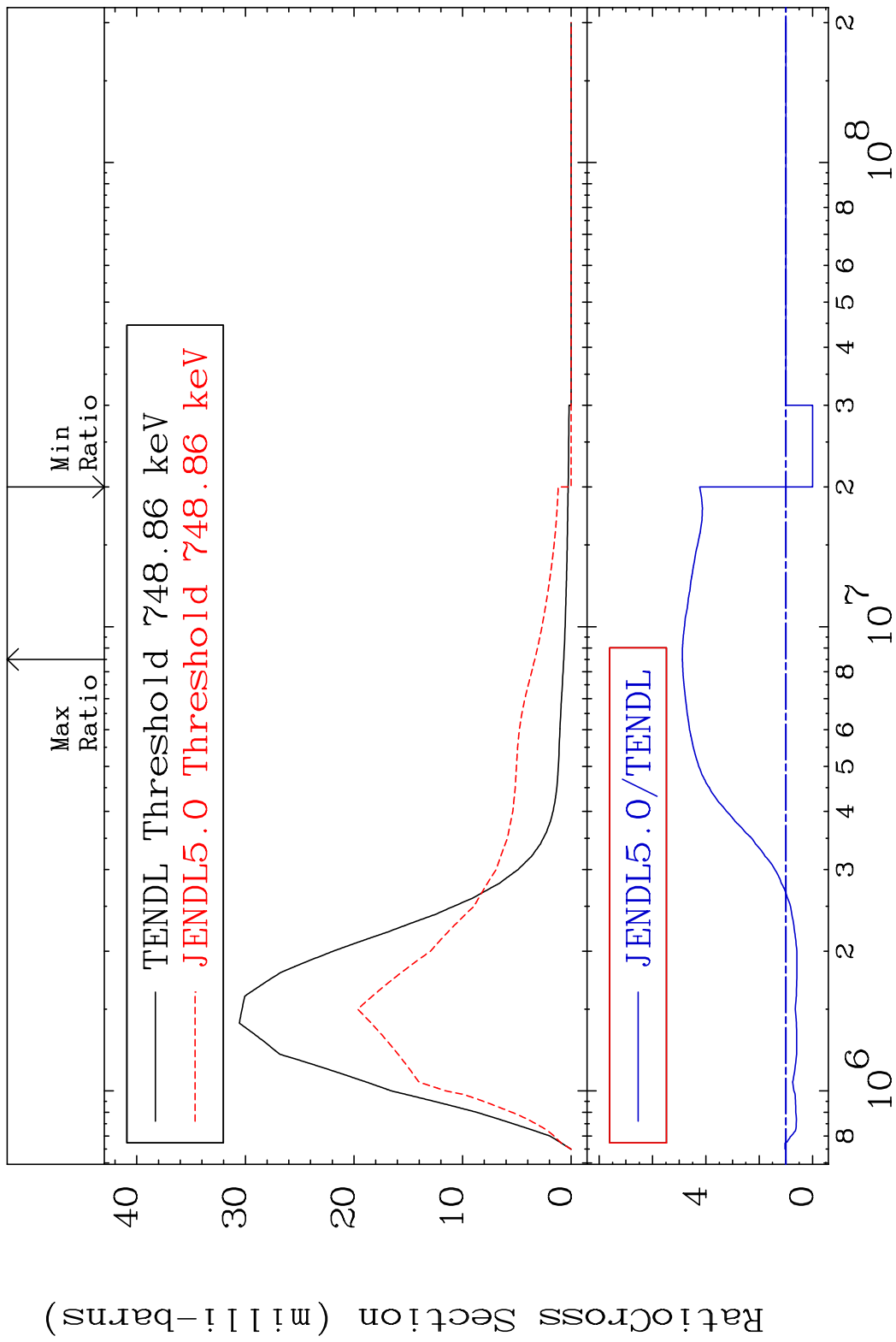
MAT 7531 MT= 63 (n, n') Level 75-Re-187
 Cross Section -100.0 To 27.61 %



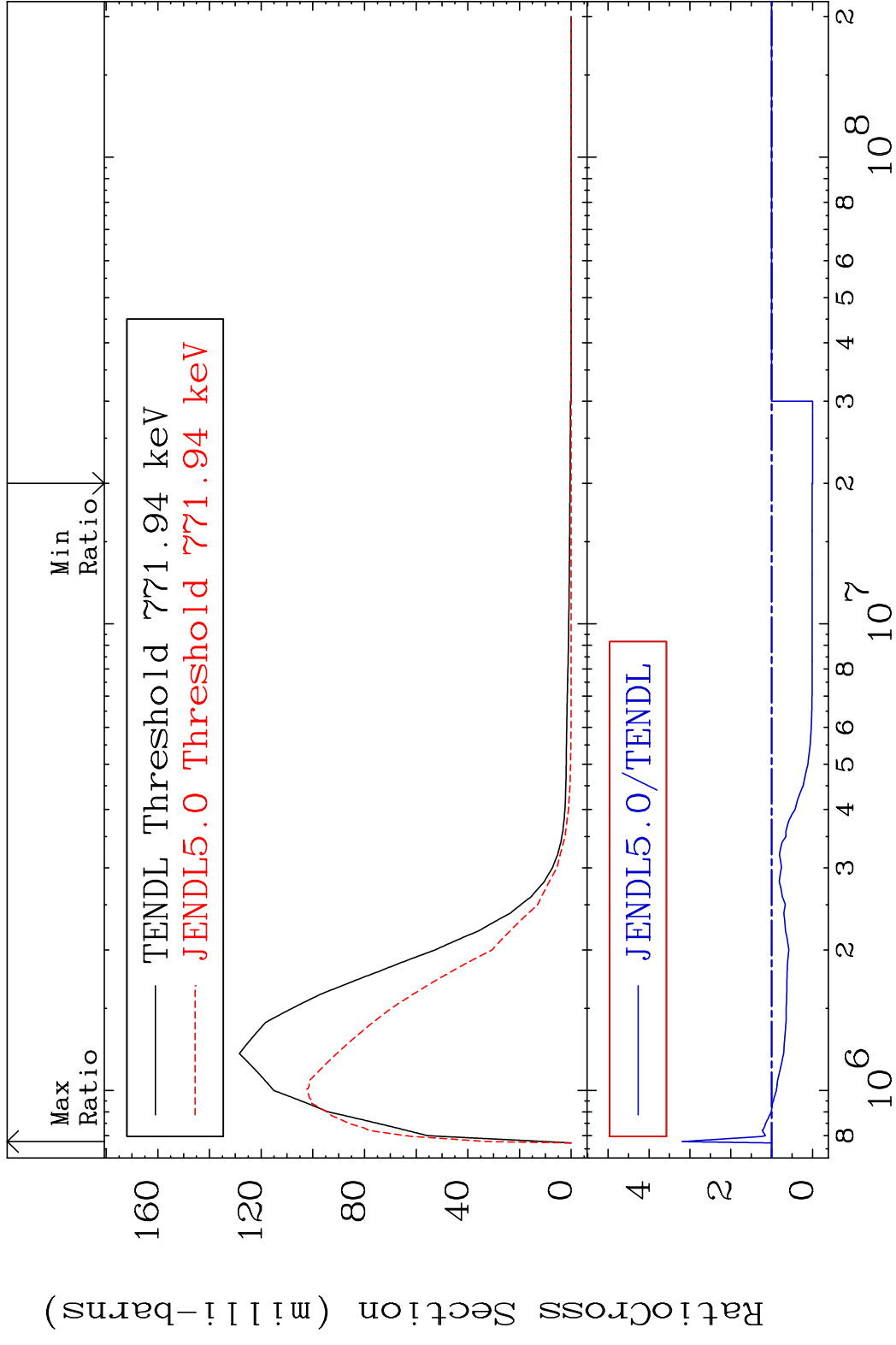
MAT 7531 MT= 64 (n, n') Level 75-Re-187
 Cross Section -100.0 To 93.60 %



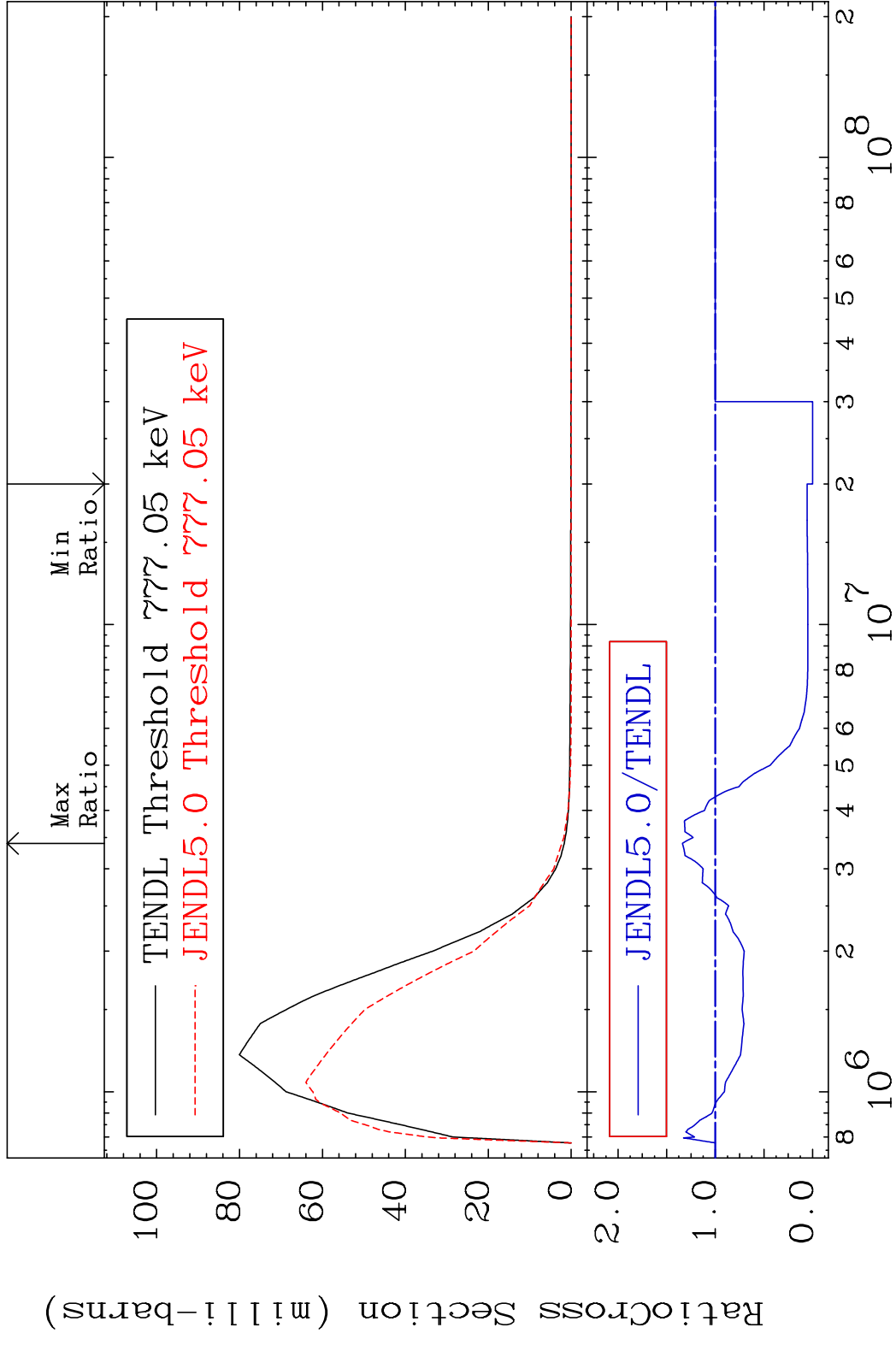
MAT 7531 MT= 65 (n, n') Level 75-Re-187
 Cross Section -100.0 To 388.3 %



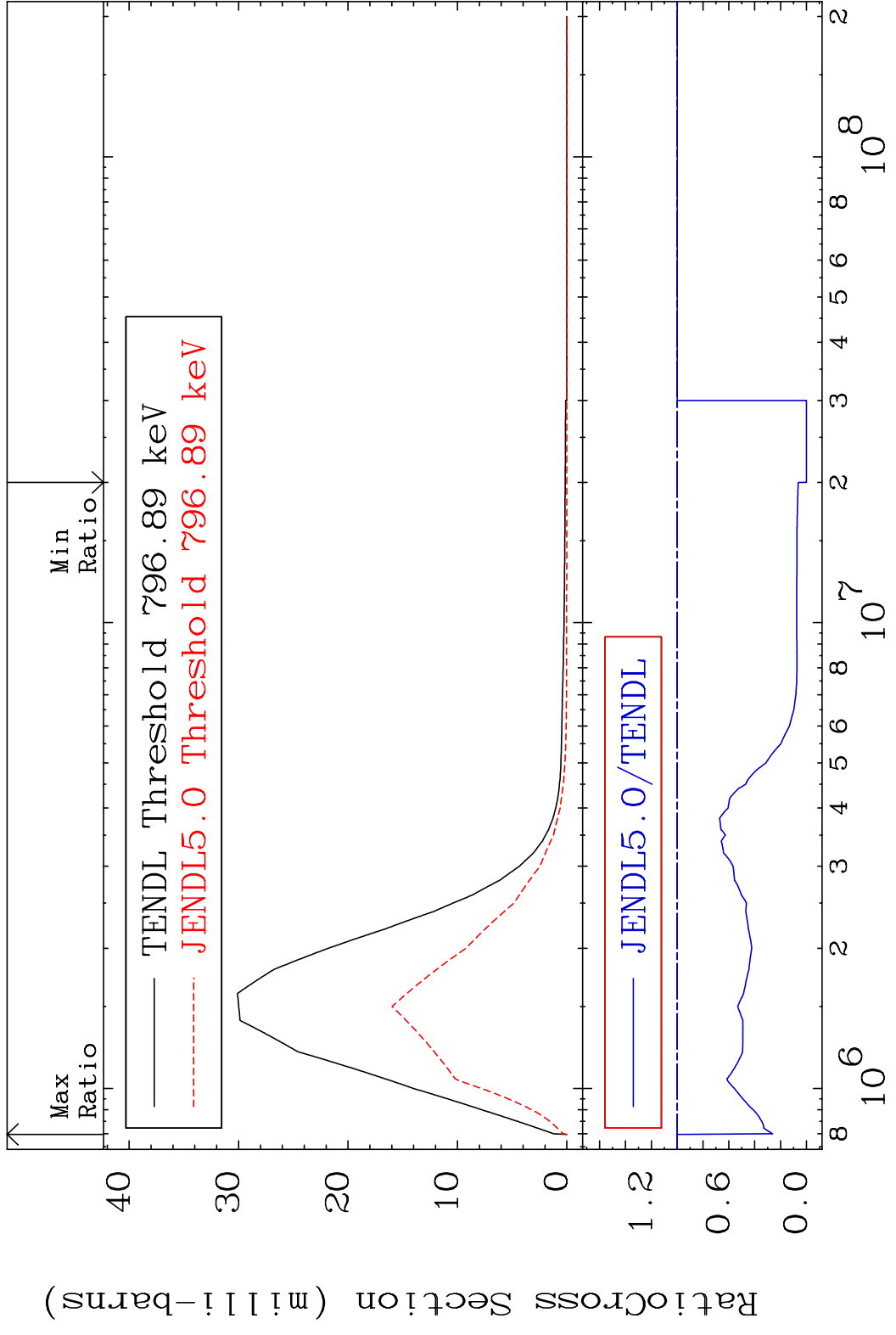
MAT 7531 MT= 66 (n, n') Level 75-Re-187
 Cross Section -100.0 To 218.4 %



MAT 7531 MT= 67 (n, n') Level 75-Re-187
 Cross Section -100.0 To 33.88 %

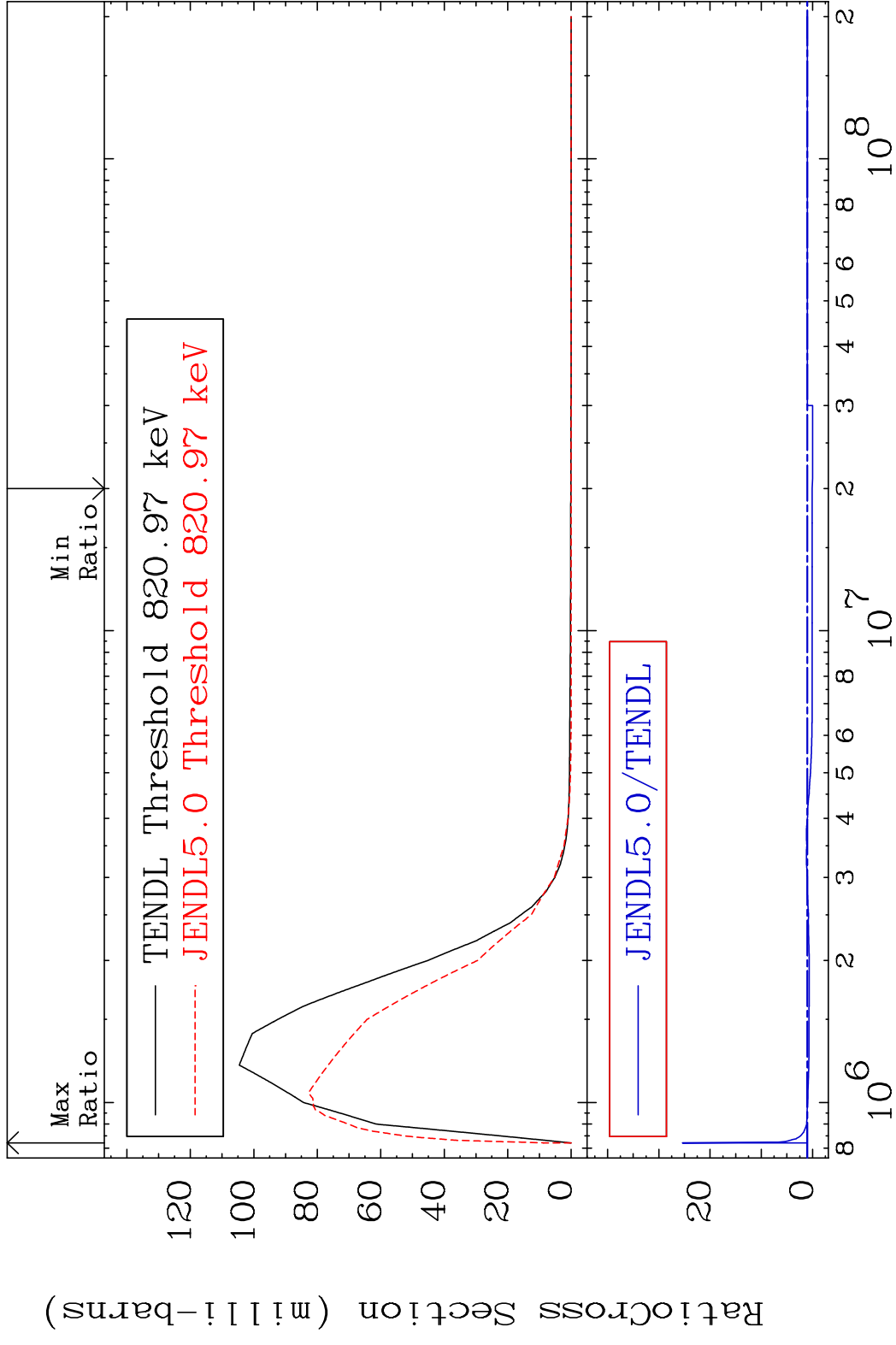


MAT 7531 MT= 68 (n, n') Level 75-Re-187
 Cross Section -100.0 To 0.000 %

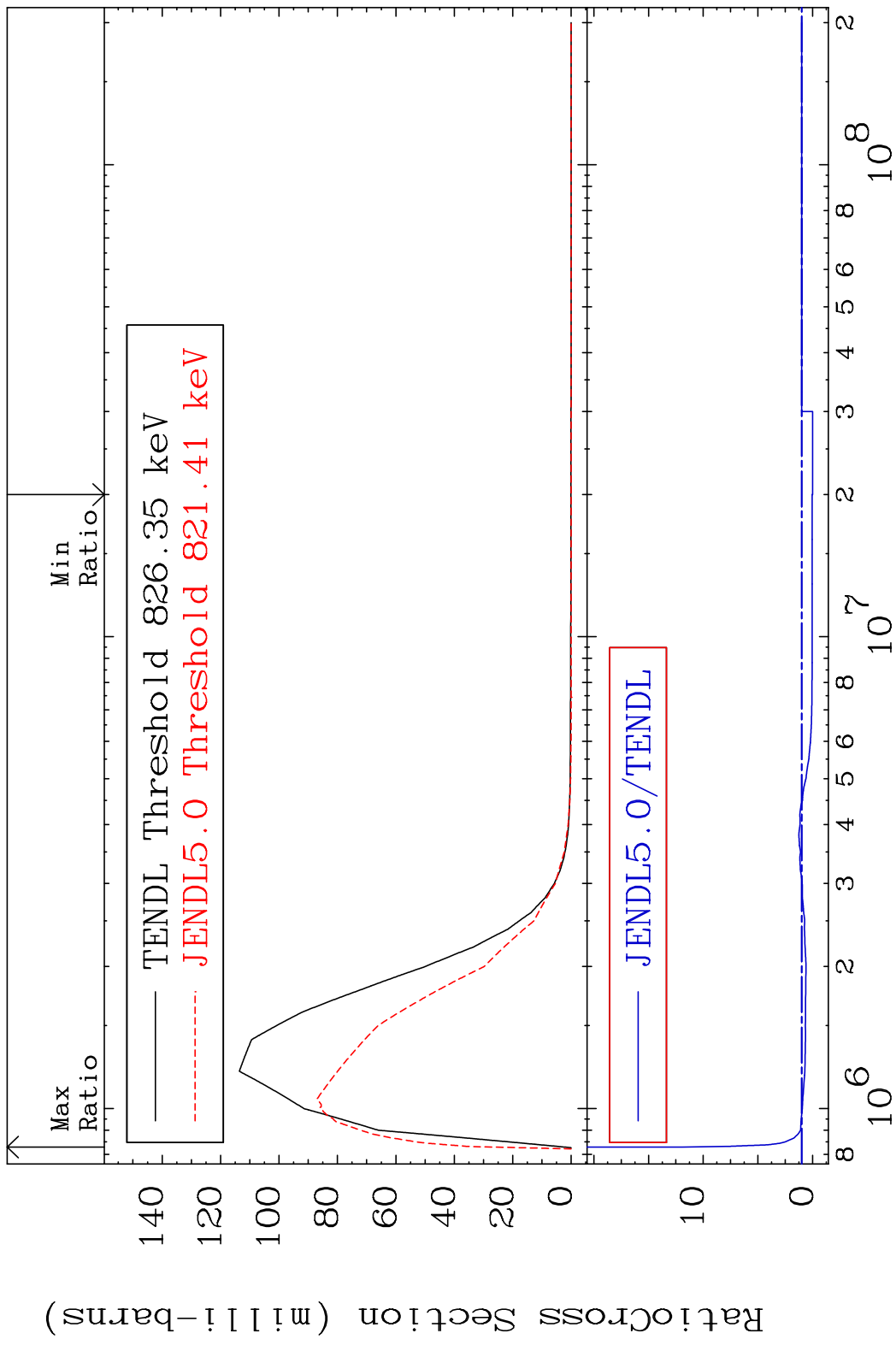


30 Incident Energy (eV) 75-Re-187

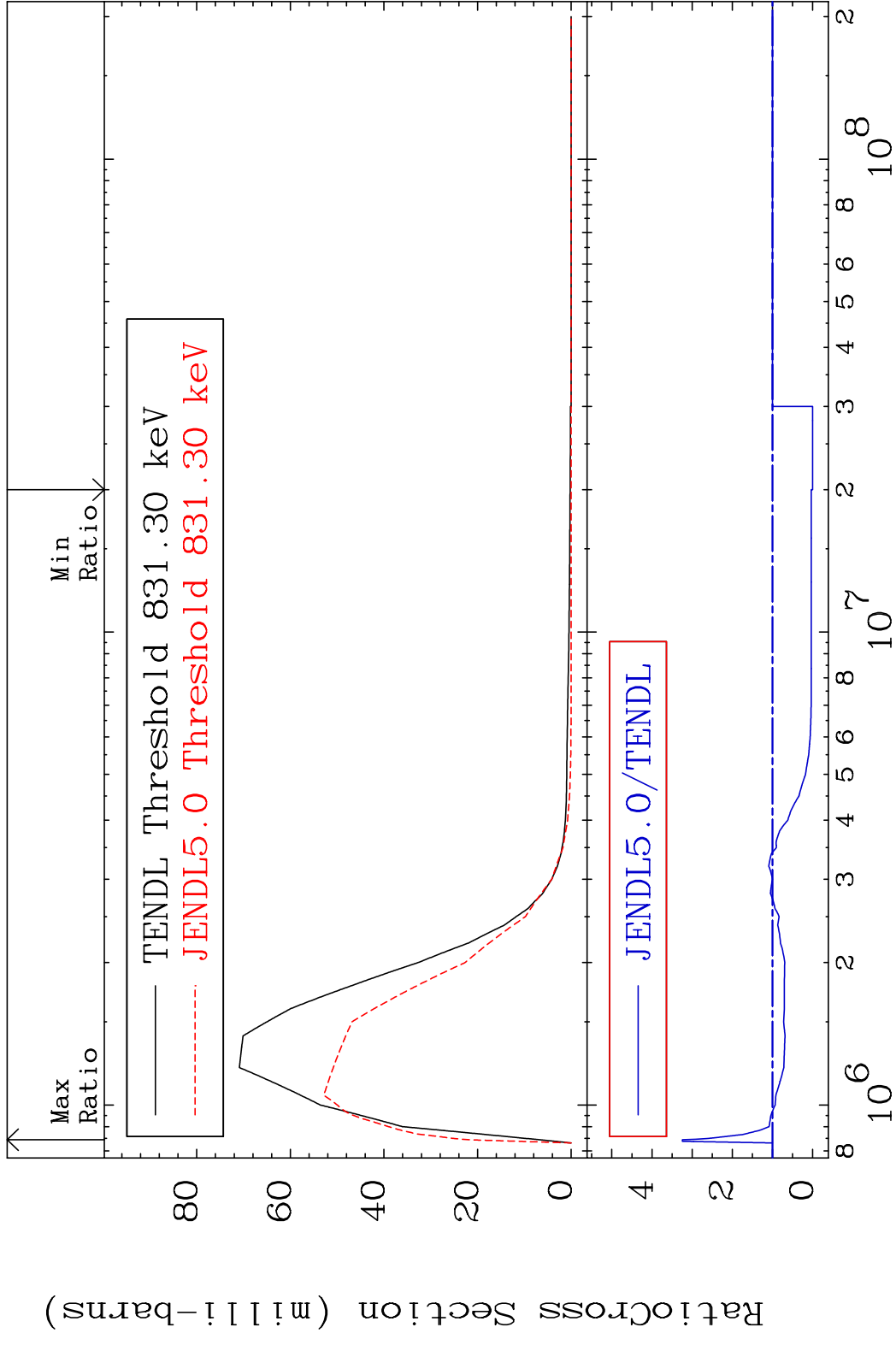
MAT 7531 MT= 69 (n, n') Level 75-Re-187
 Cross Section -100.0 To 2441. %



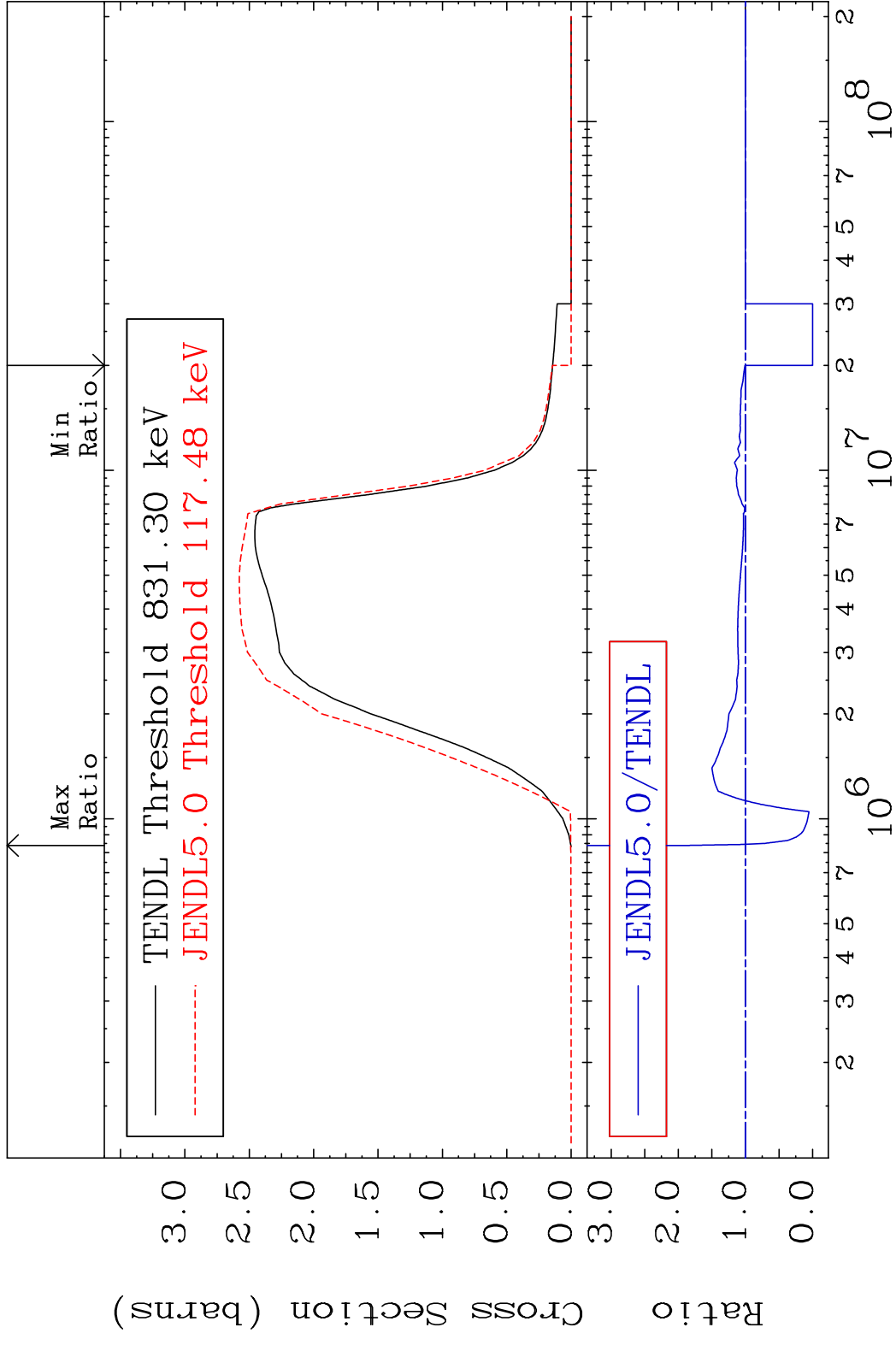
MAT 7531 MT= 70 (n, n') Level 75-Re-187
 Cross Section -100.0 To 1091. %



MAT 7531 MT= 71 (n, n') Level 75-Re-187
 Cross Section -100.0 To 224.3 %



MAT 7531 (n, n') Continuum 75-Re-187
 Cross Section -100.0 To 93.95 %

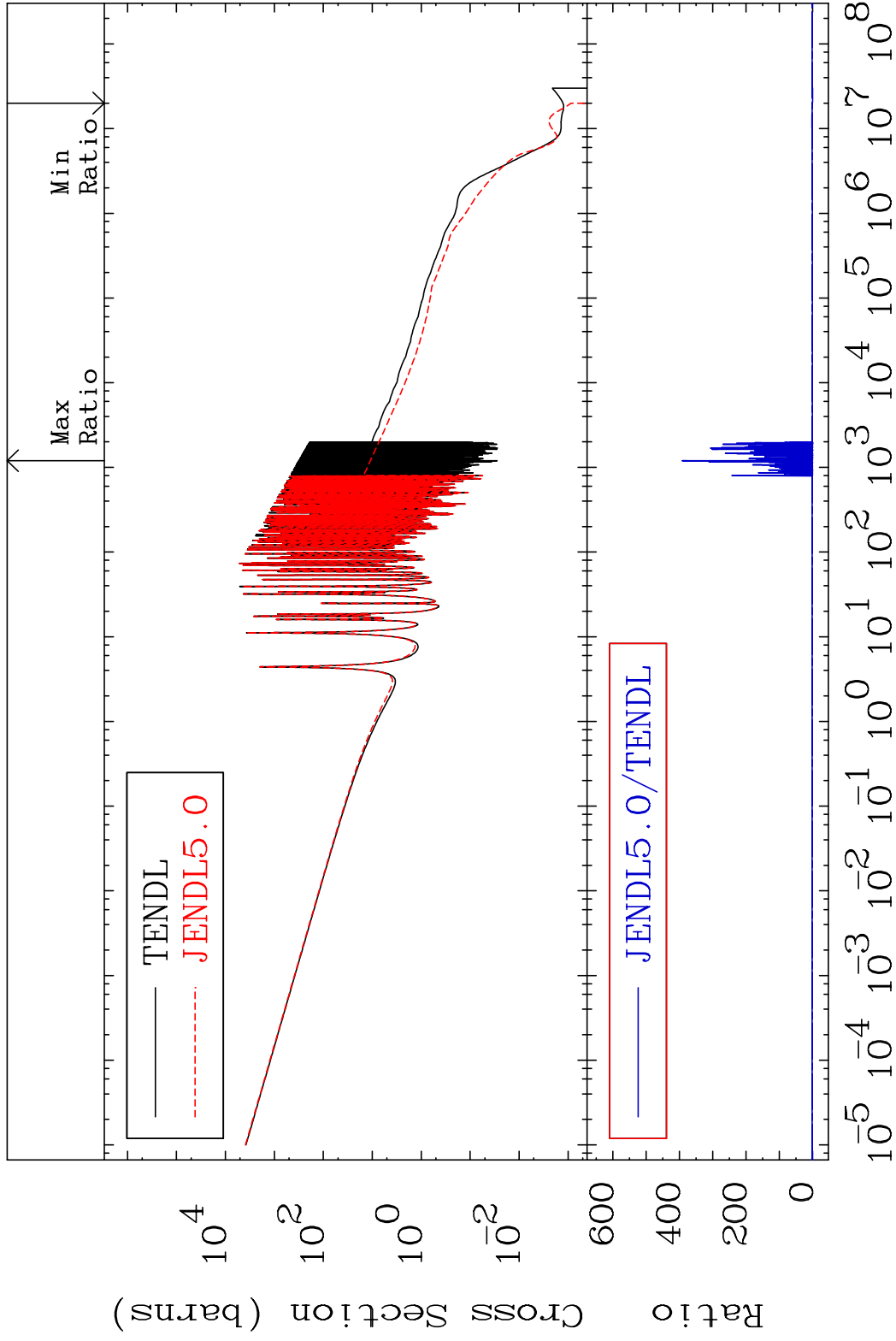


MAT 7531

(n, γ)

75-Re-187

Cross Section -100.0 To 9999. %



35

Incident Energy (eV)

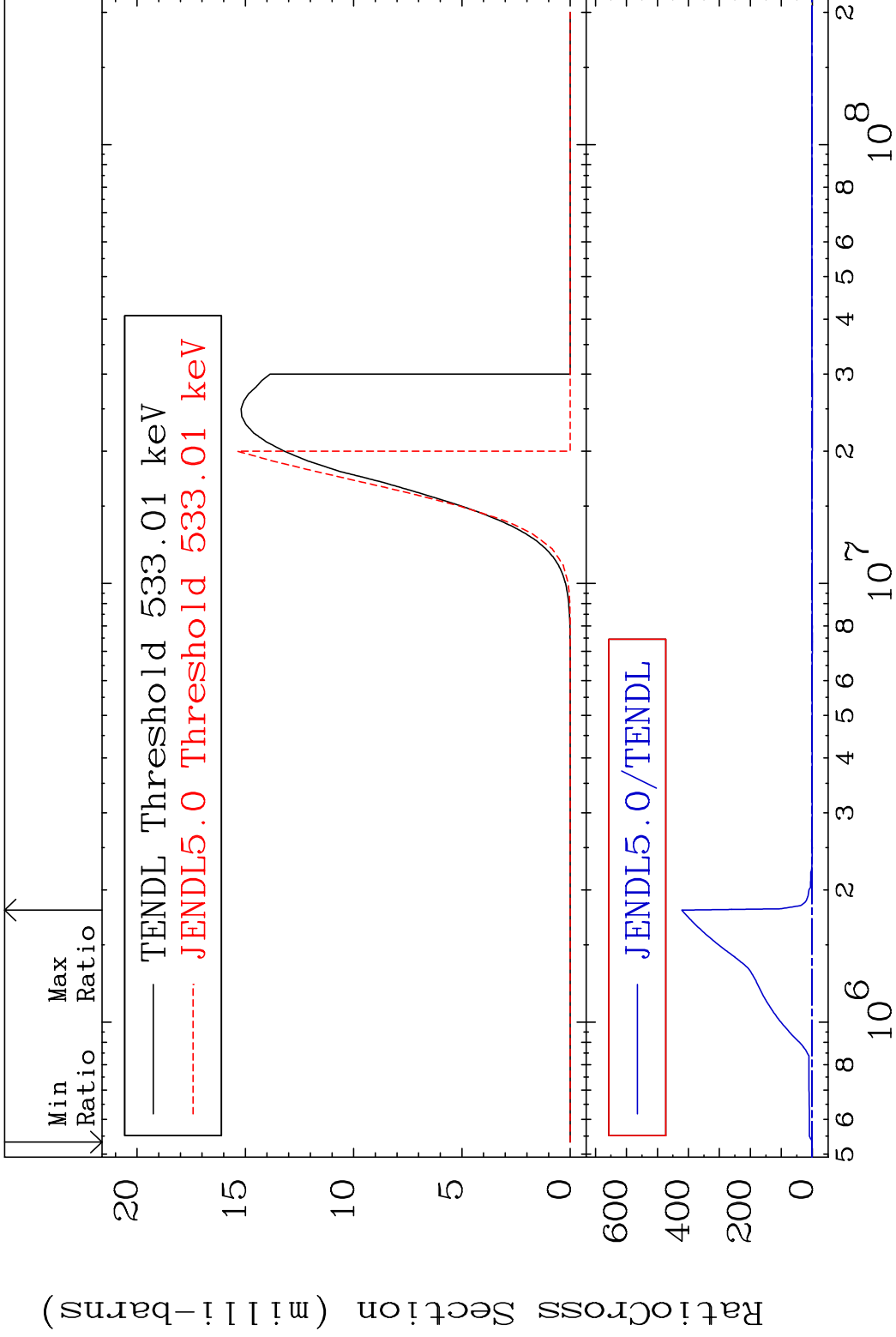
75-Re-187

MAT 7531

(n, p)

75-Re-187

Cross Section -100.0 To 9999. %

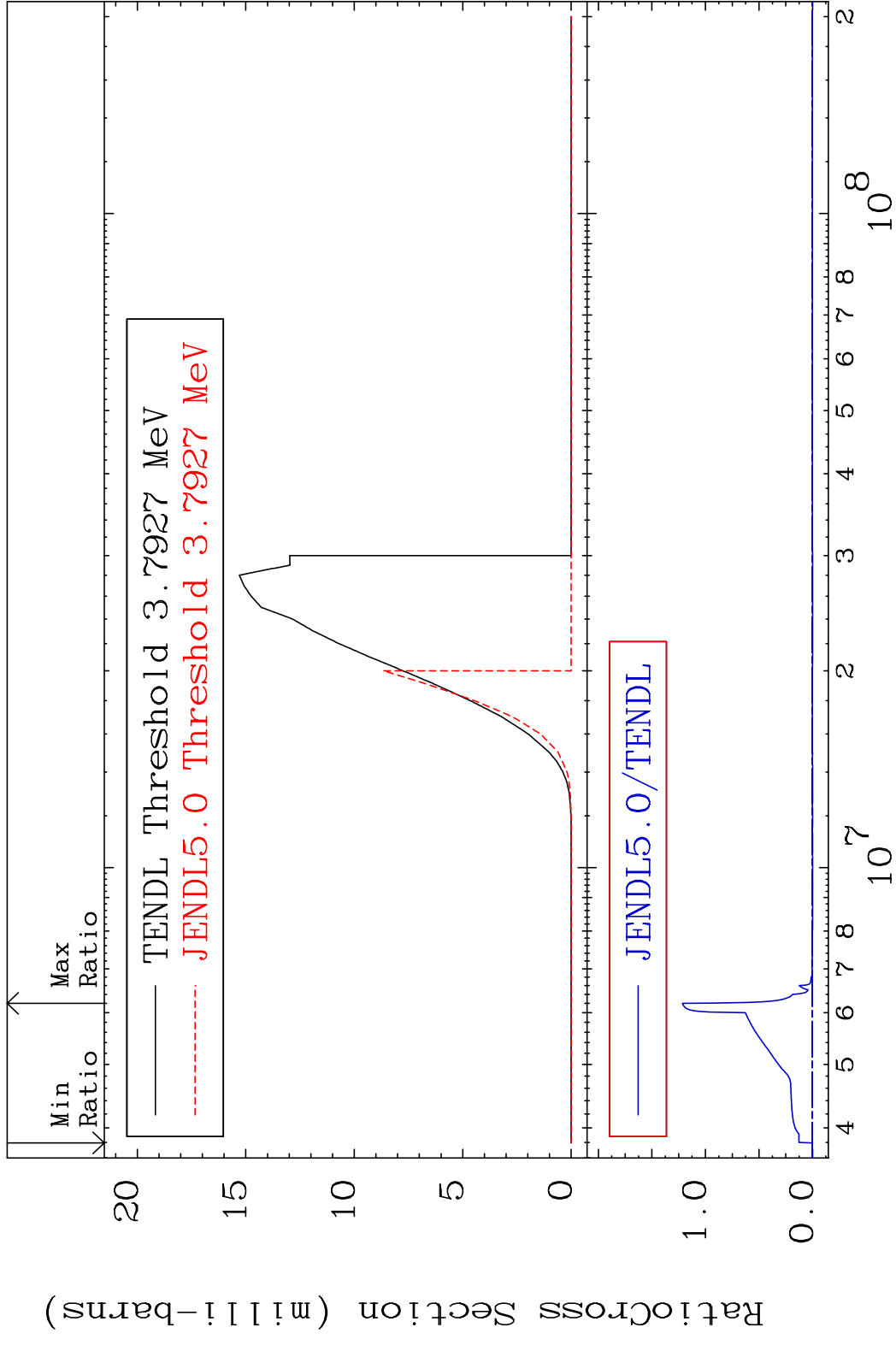


36

Incident Energy (eV)

75-Re-187

MAT 7531 (n,d) 75-Re-187
 Cross Section -100.0 To 9999. %

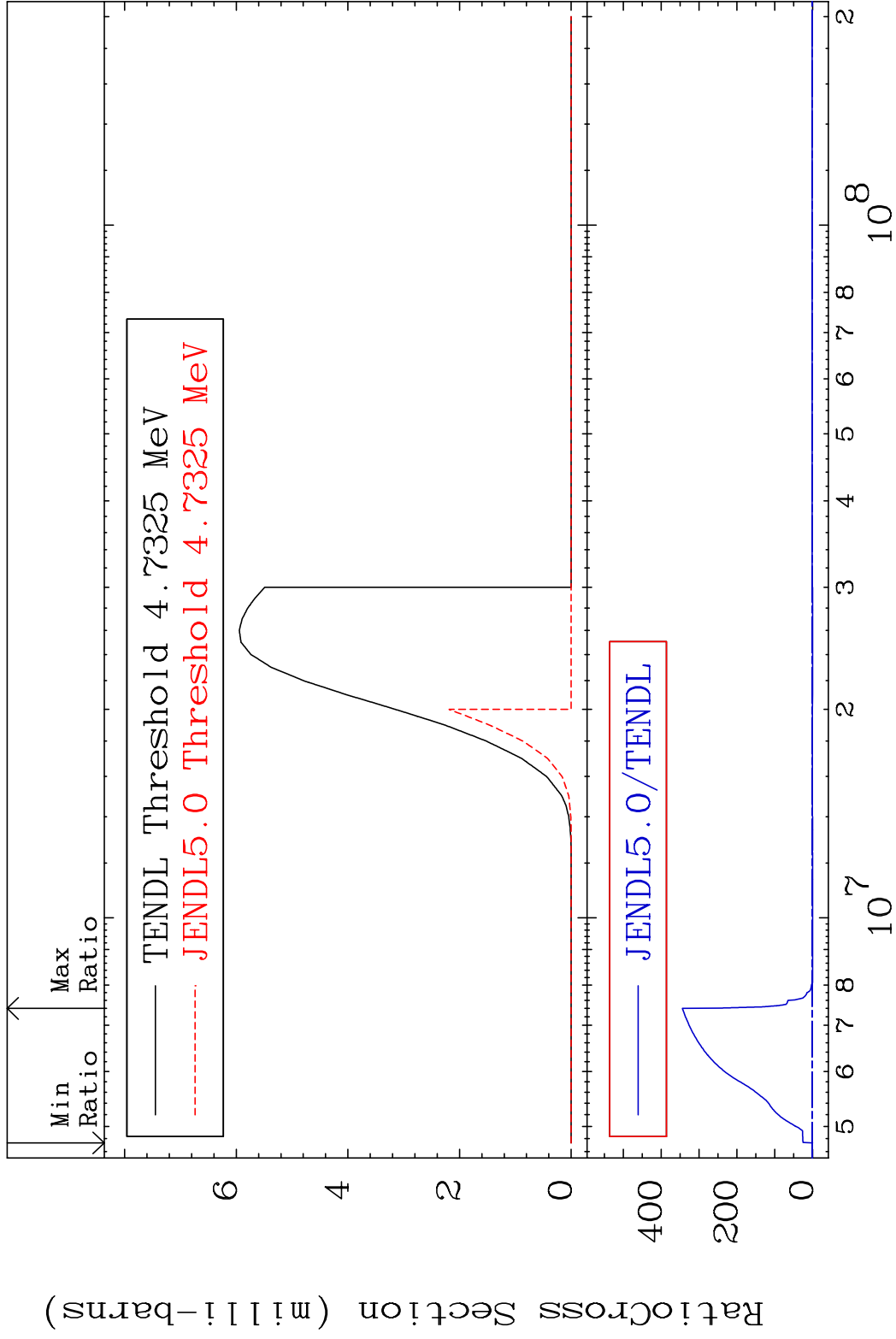


MAT 7531

(n, t)

75-Re-187

Cross Section -100.0 To 9999. %



38

Incident Energy (eV)

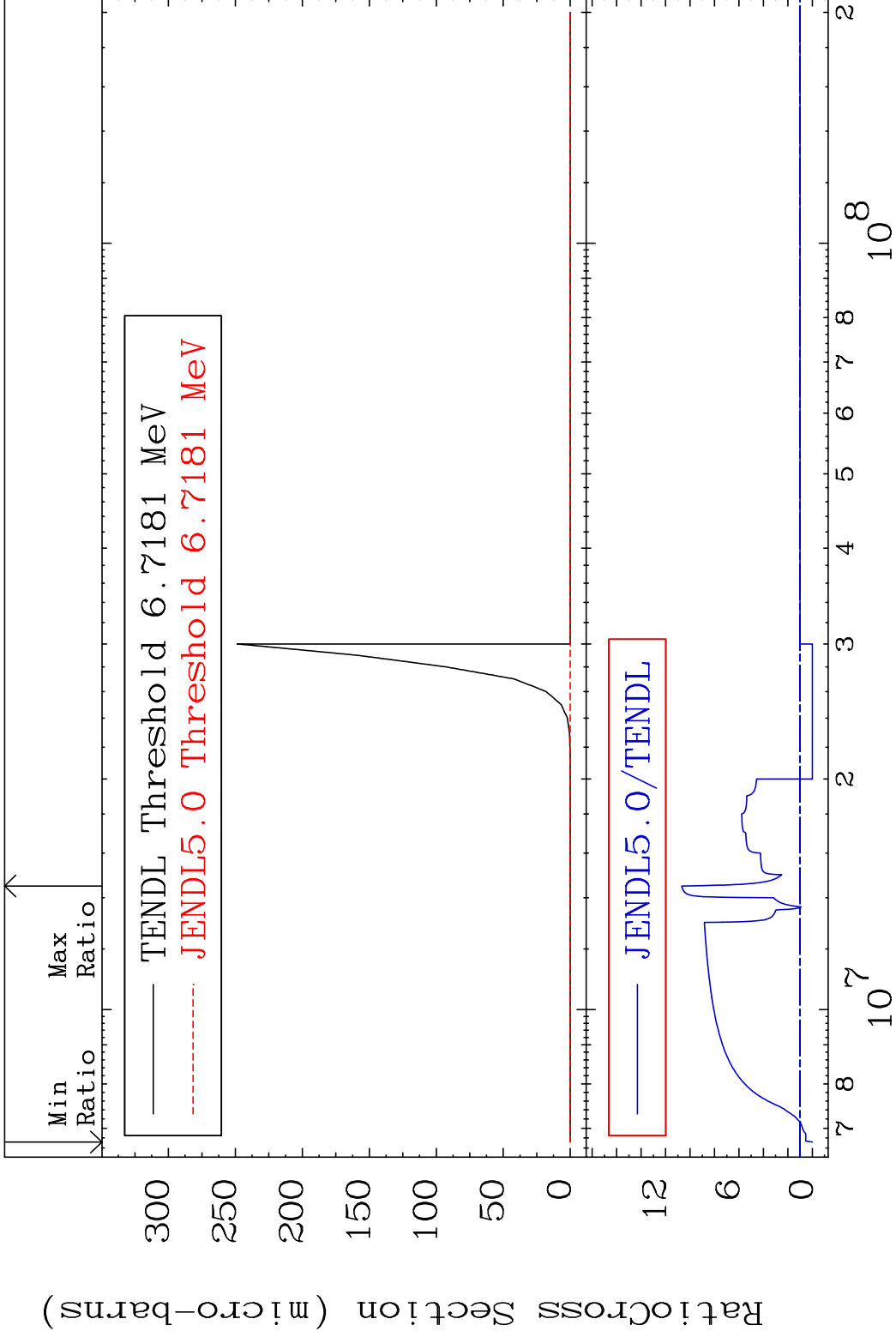
75-Re-187

MAT 7531

(n, He-3)

75-Re-187

Cross Section -100.0 To 967.9 %



39

Incident Energy (eV)

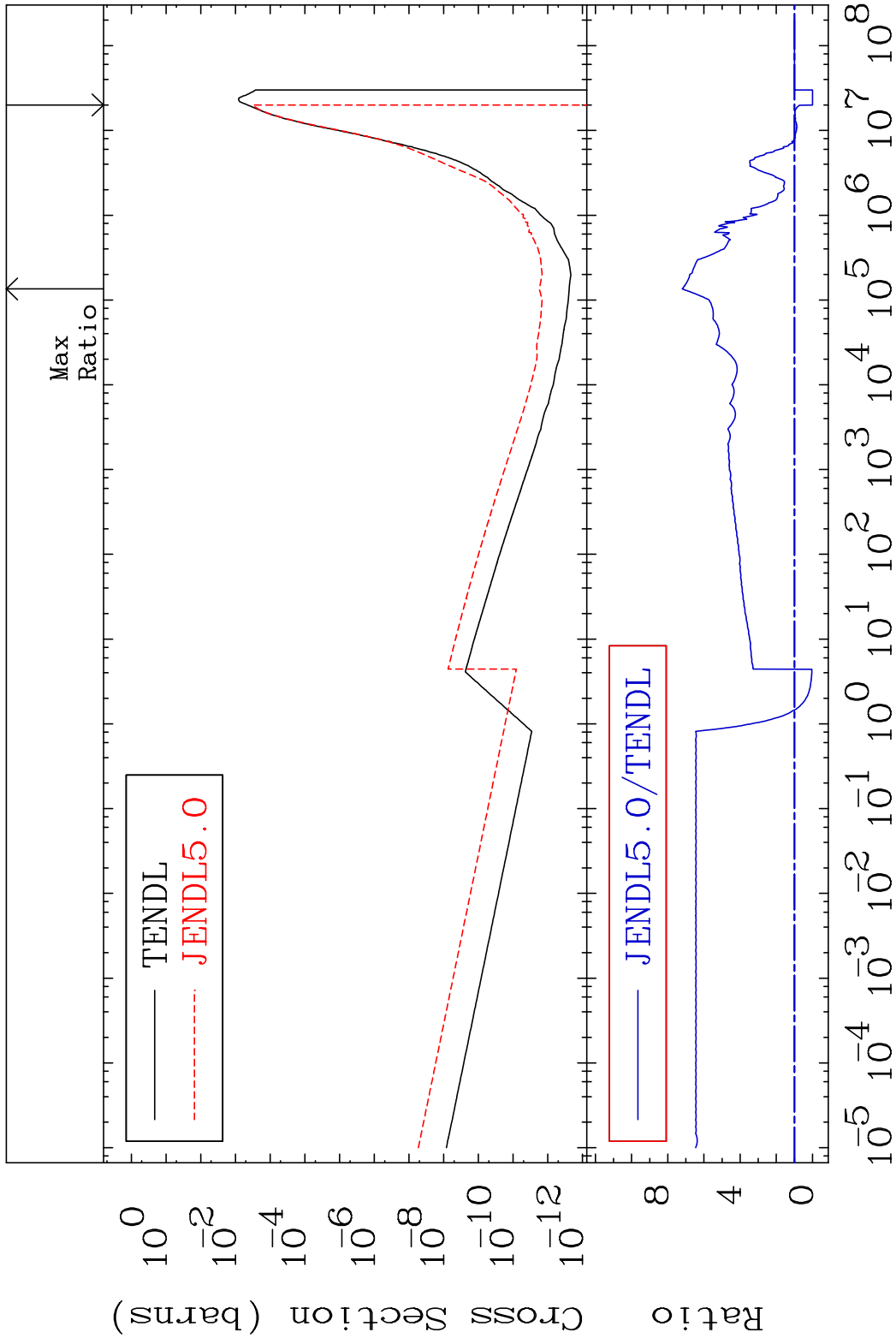
75-Re-187

MAT 7531

(n, α)

75-Re-187

Cross Section -100.0 To 620.5 %



40

Incident Energy (eV)

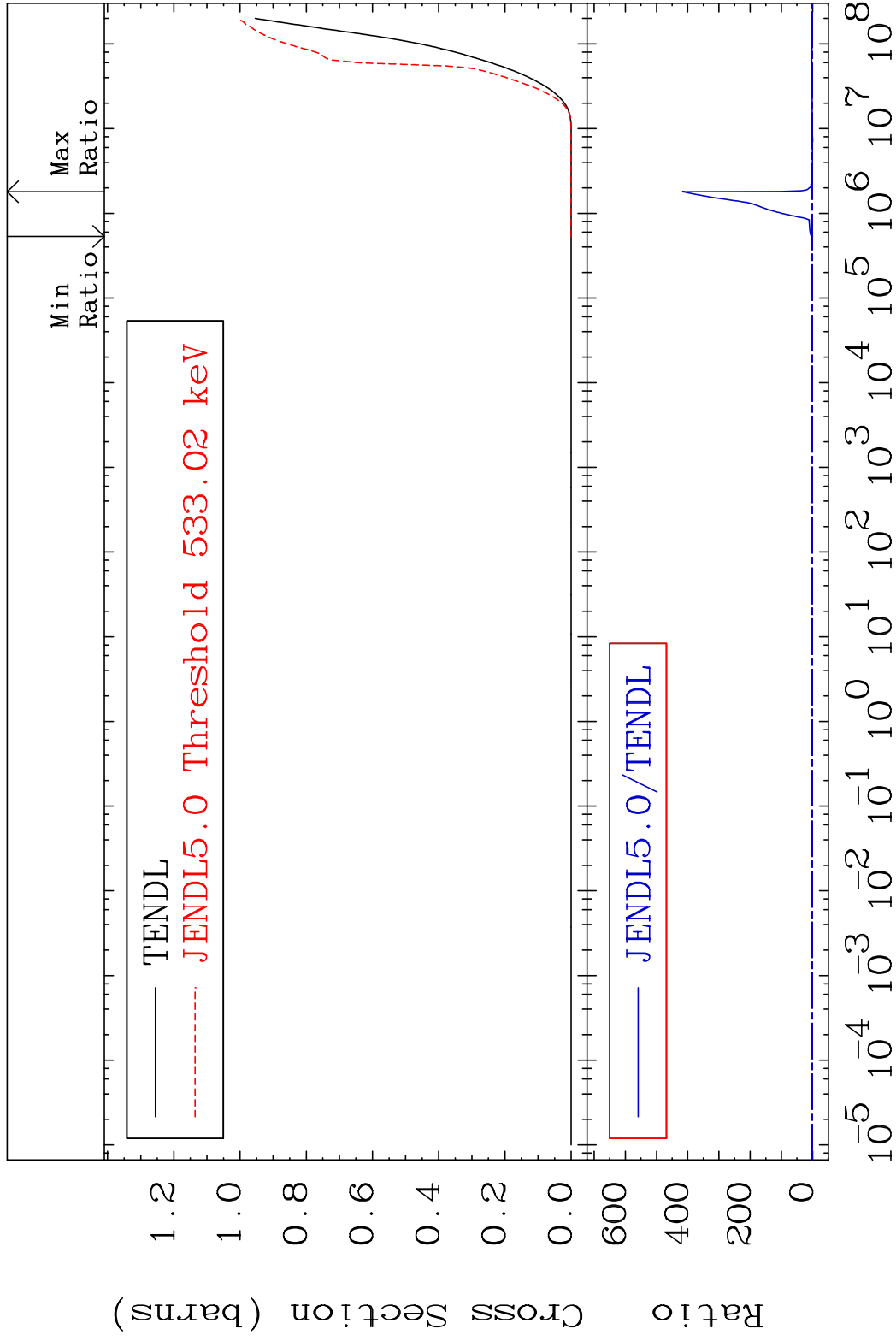
75-Re-187

MAT 7531

Hydrogen Production

75-Re-187

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

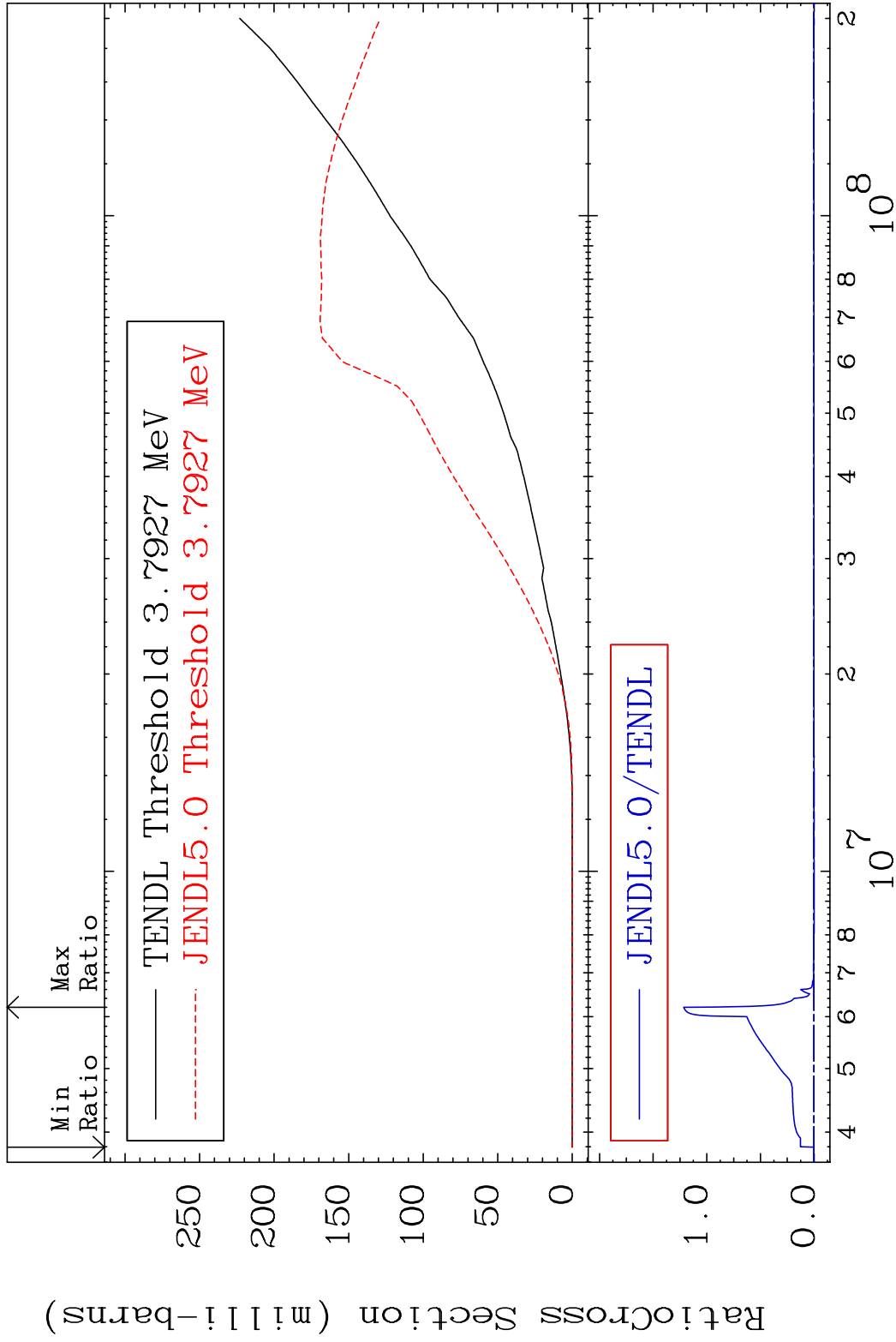
75-Re-187

MAT 7531

Deuterium Production

75-Re-187

Cross Section -100.0 To 9999. %

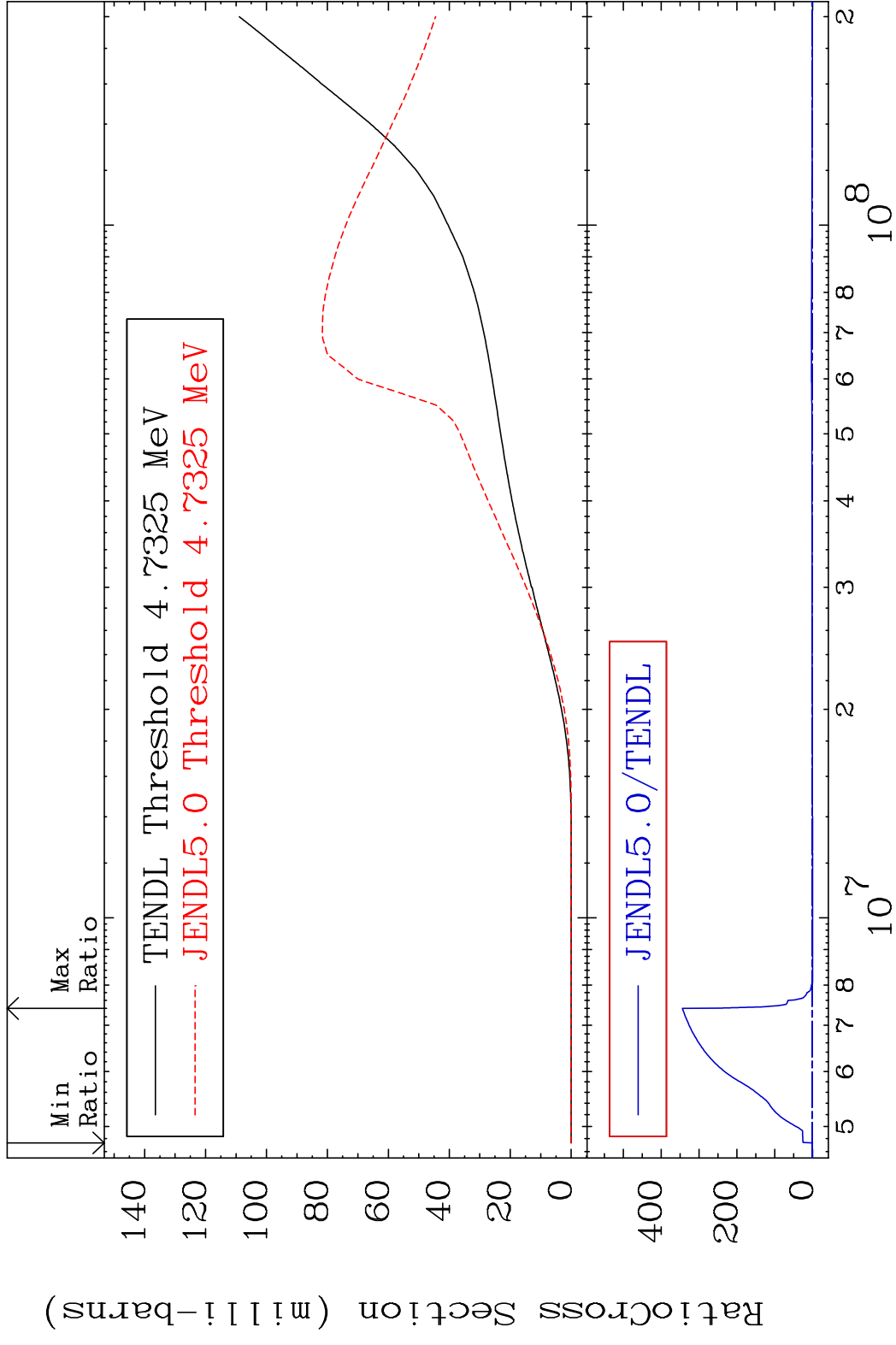


42

Incident Energy (eV)

75-Re-187

MAT 7531 Tritium Production 75-Re-187
 Cross Section -100.0 To 9999. %

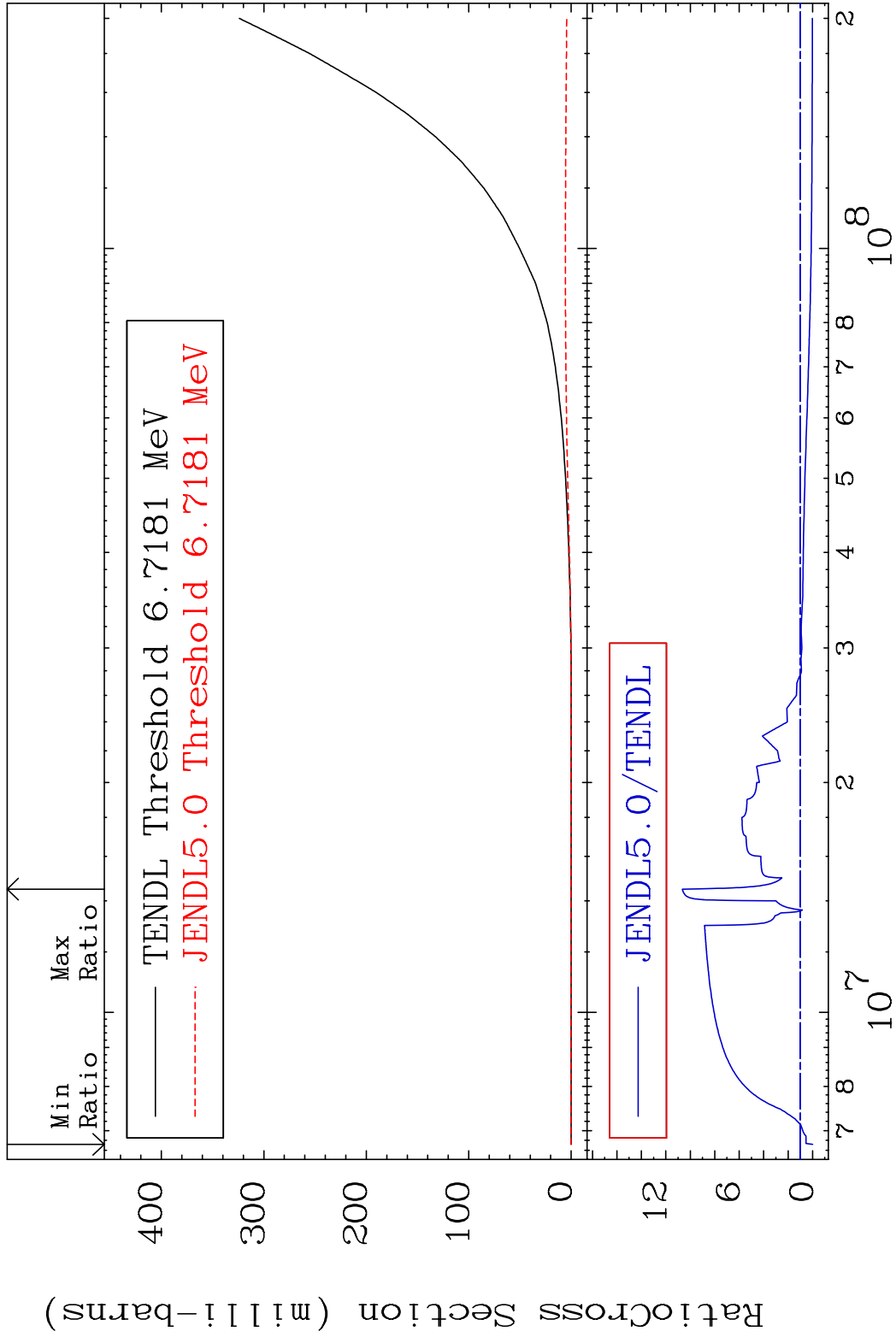


MAT 7531

He-3 Production

75-Re-187

Cross Section -100.0 To 964.7 %



44

Incident Energy (eV)

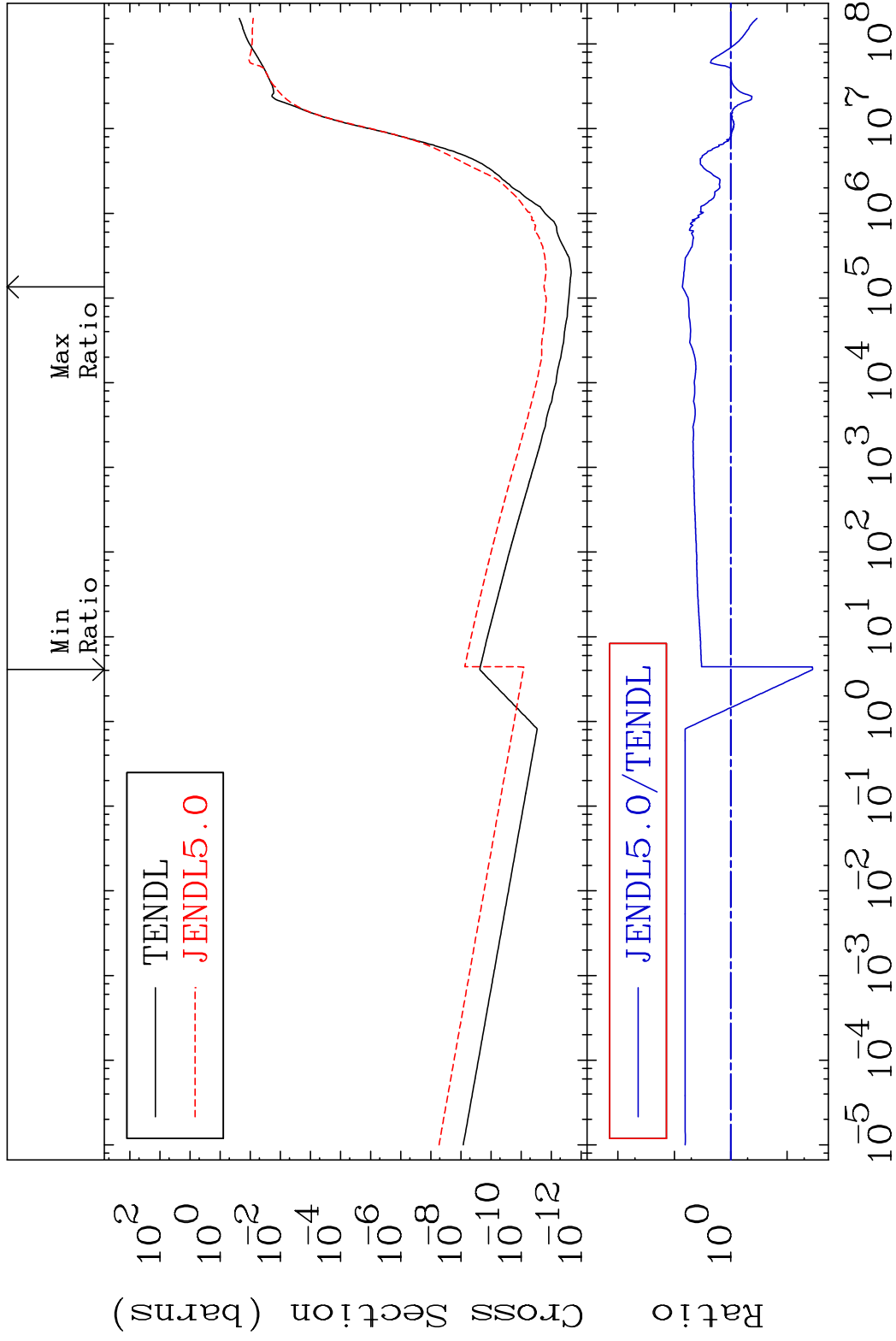
75-Re-187

MAT 7531

He-4 Production

75-Re-187

Cross Section -96.47 To 620.5 %

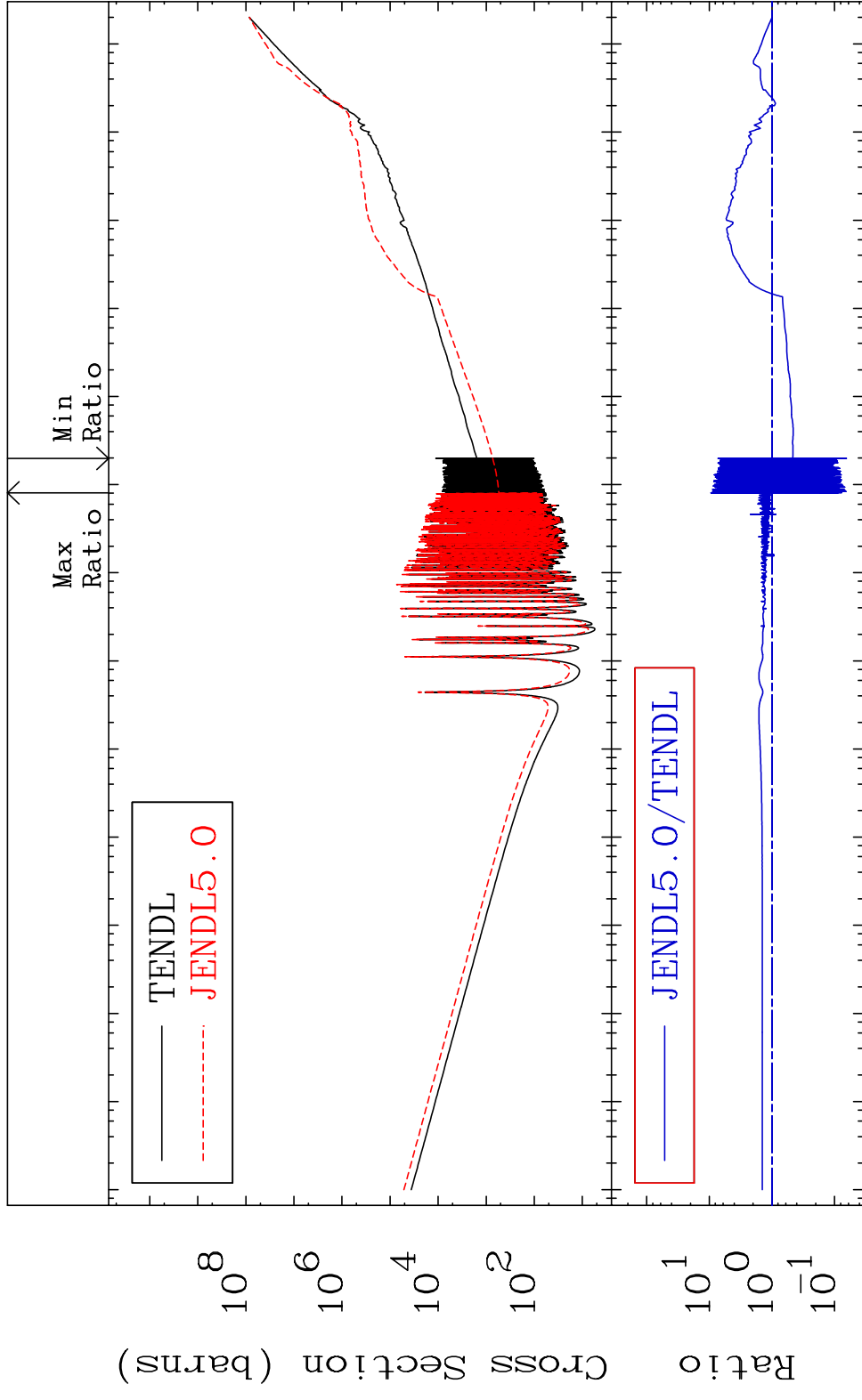


45

Incident Energy (eV)

75-Re-187

MAT 7531 Kerma total (eV-barns) 75-Re-187
 Cross Section -93.51 To 849.6 %



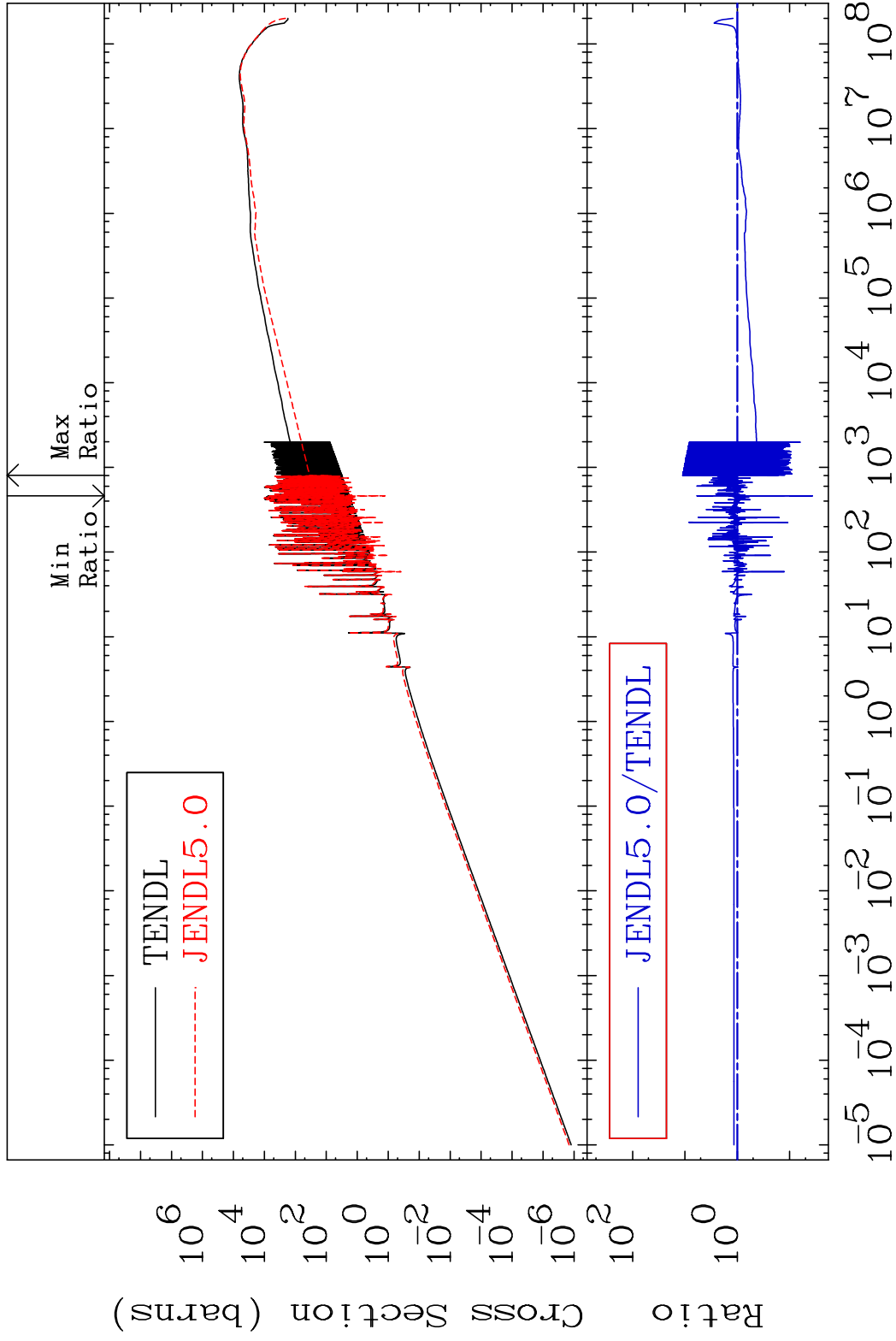
46 Incident Energy (eV) 75-Re-187

MAT 7531

Kerma elastic

75-Re-187

Cross Section -96.35 To 1023. %

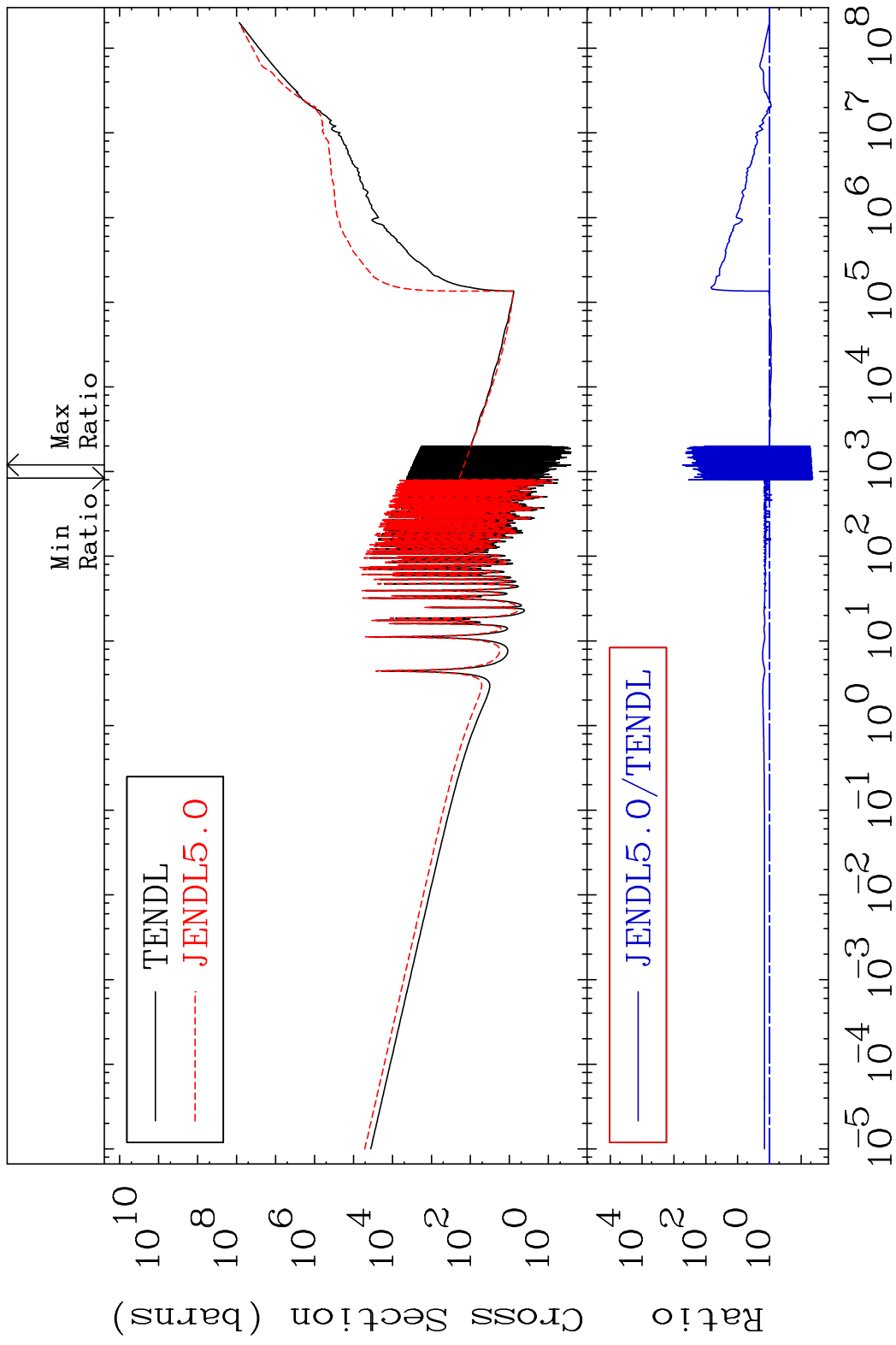


47

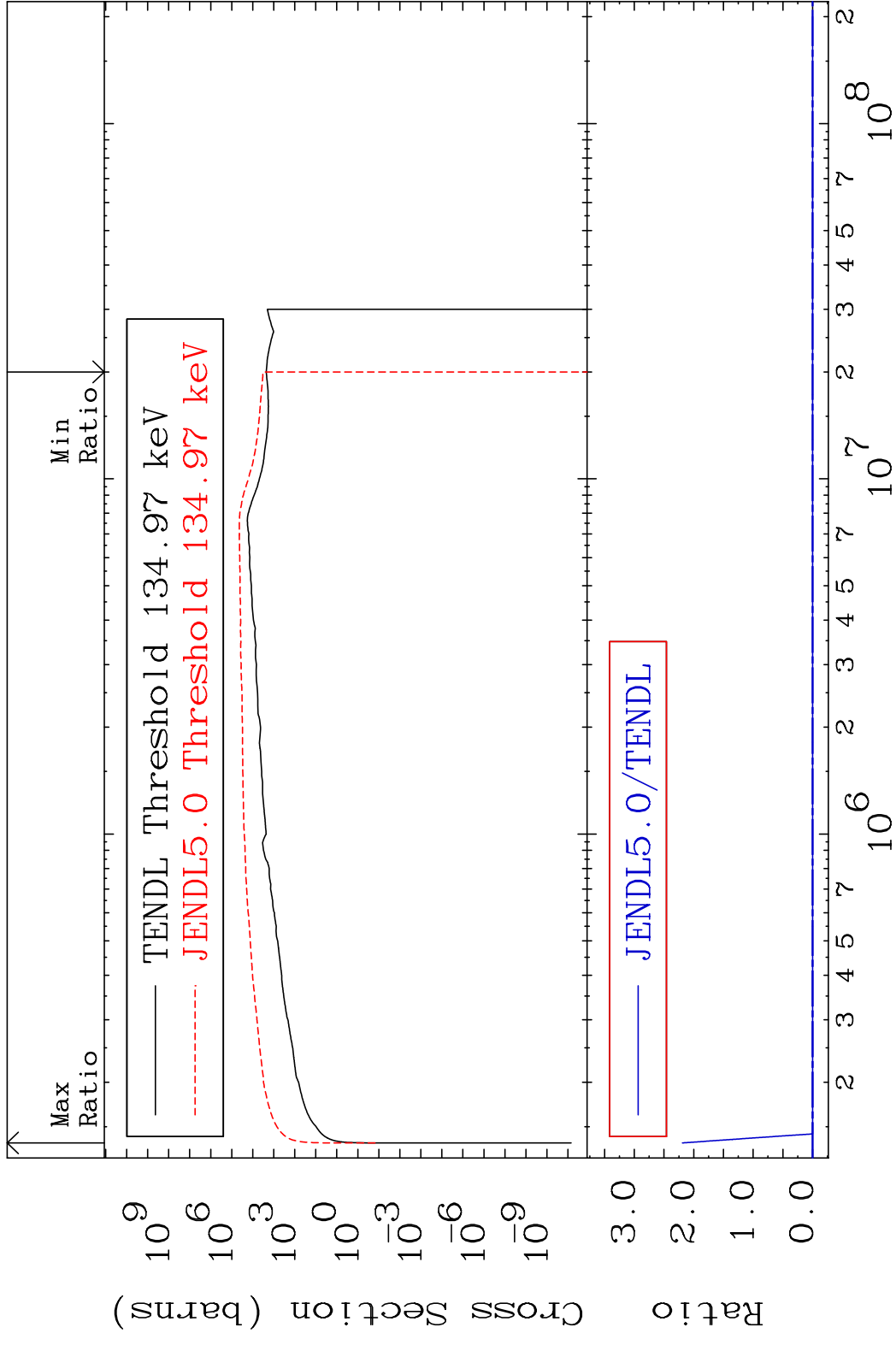
Incident Energy (eV)

75-Re-187

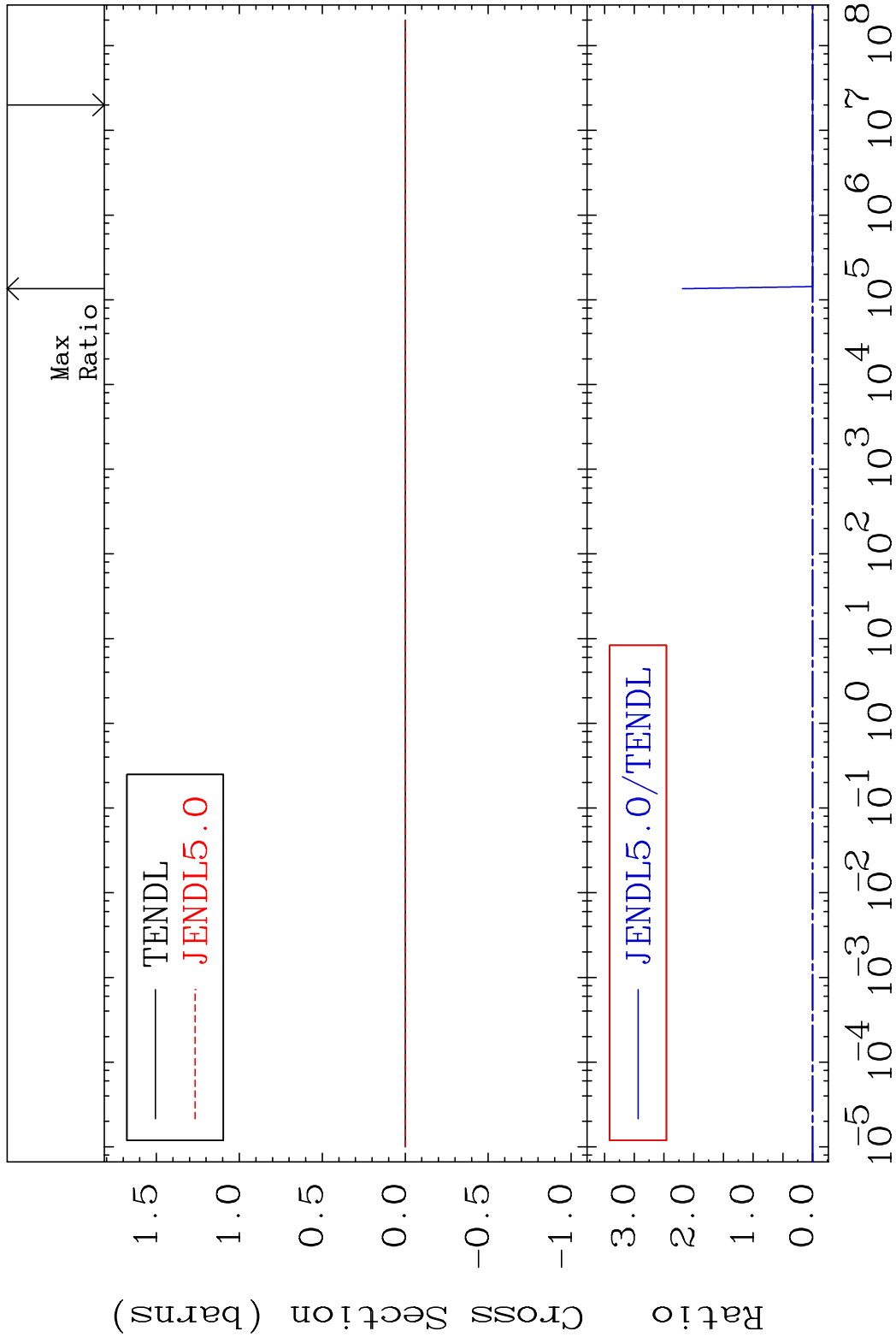
MAT 7531 Kerma non-elastic (all but mt2) 75-Re-187
 Cross Section -95.59 To 9999. %



MAT 7531 Kerma inelastic (mt51-91) 75-Re-187
 Cross Section -100.0 To 9999. %



MAT 7531 Kerma fission (mt18 or mt19-20-21-38)75-Re-187
 Cross Section -100.0 To 9999. %

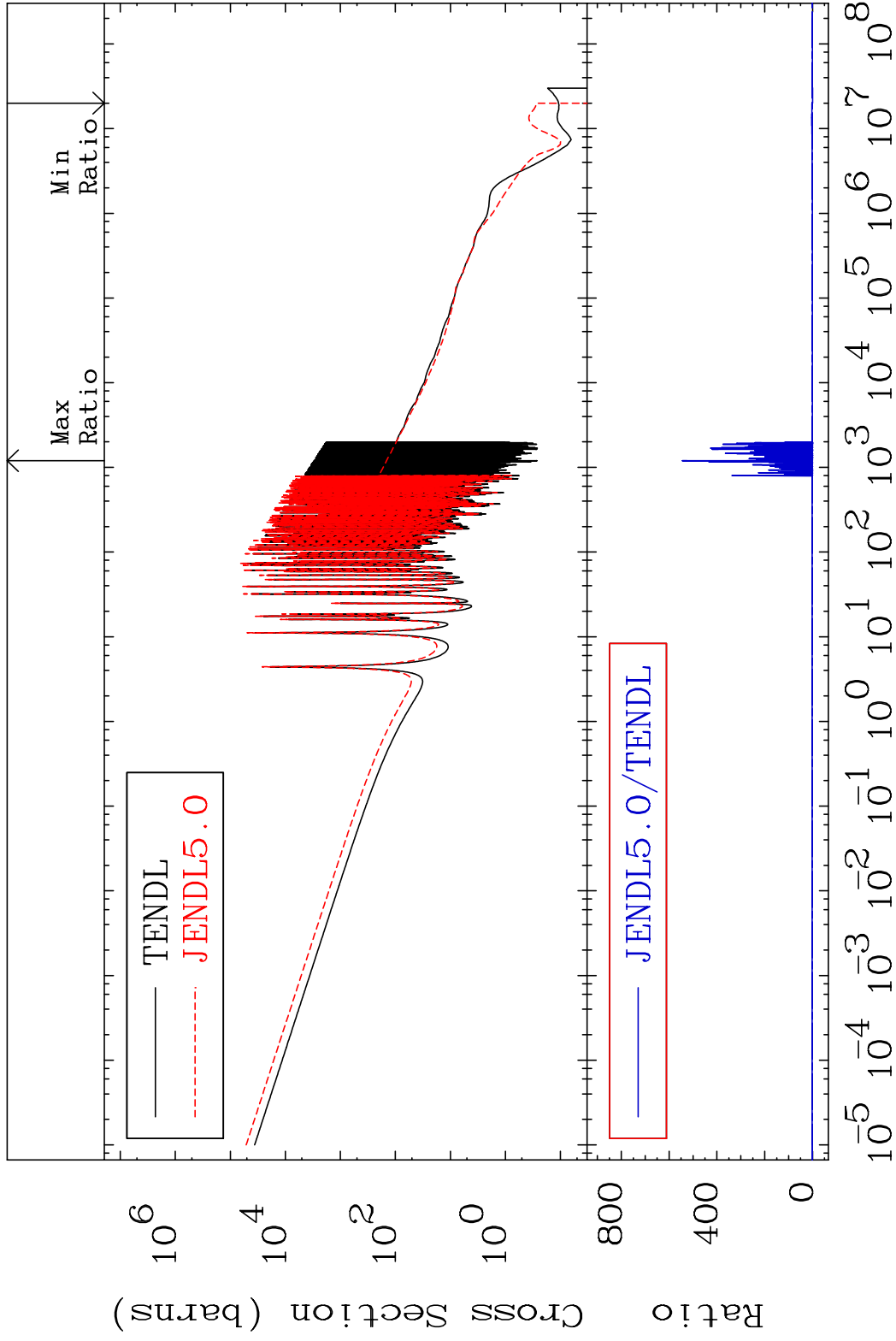


MAT 7531

Kerma capture (mt102)

75-Re-187

Cross Section -100.0 To 9999. %



51

Incident Energy (eV)

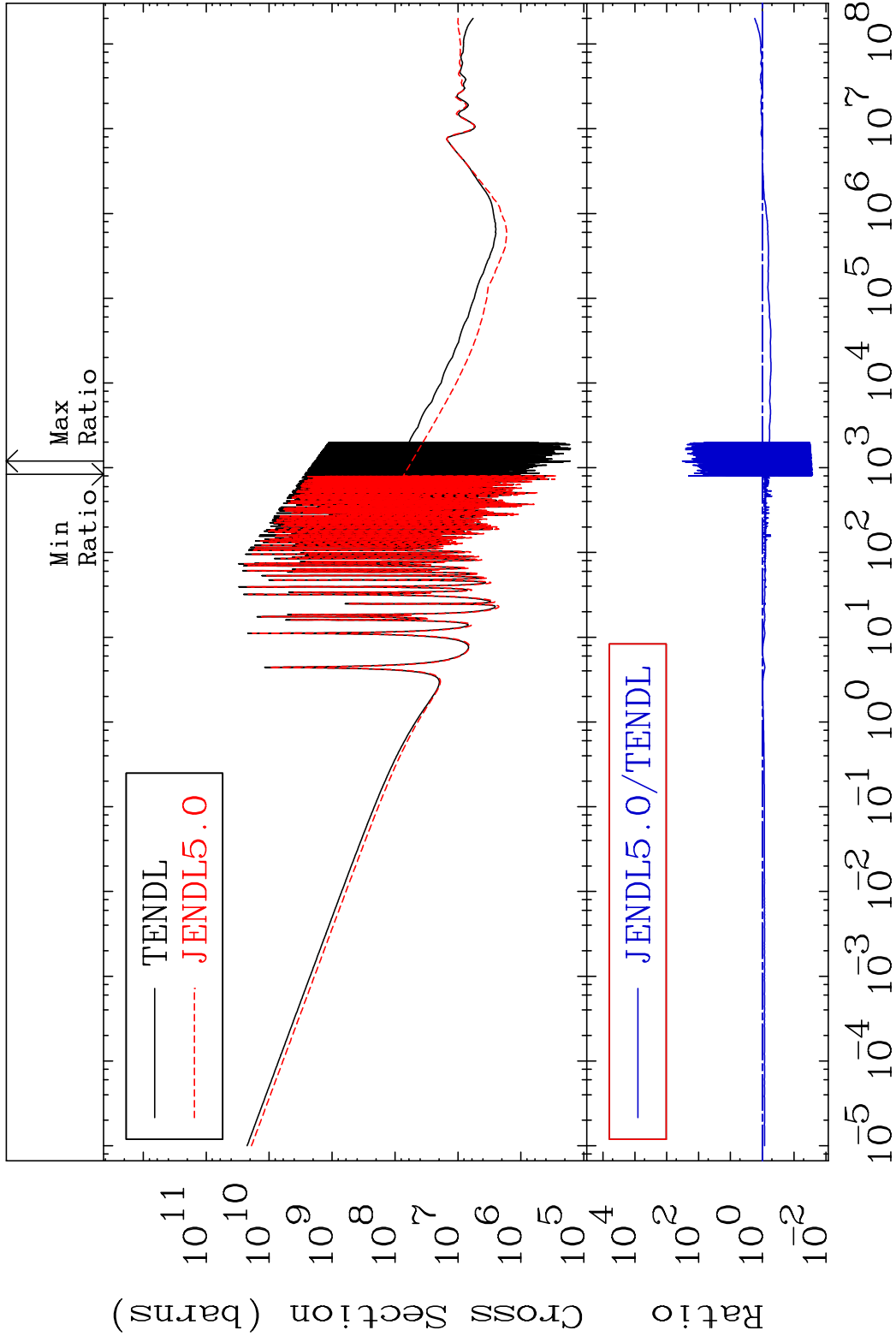
75-Re-187

MAT 7531

Total photon (eV-barns)

75-Re-187

Cross Section -97.34 To 9999. %

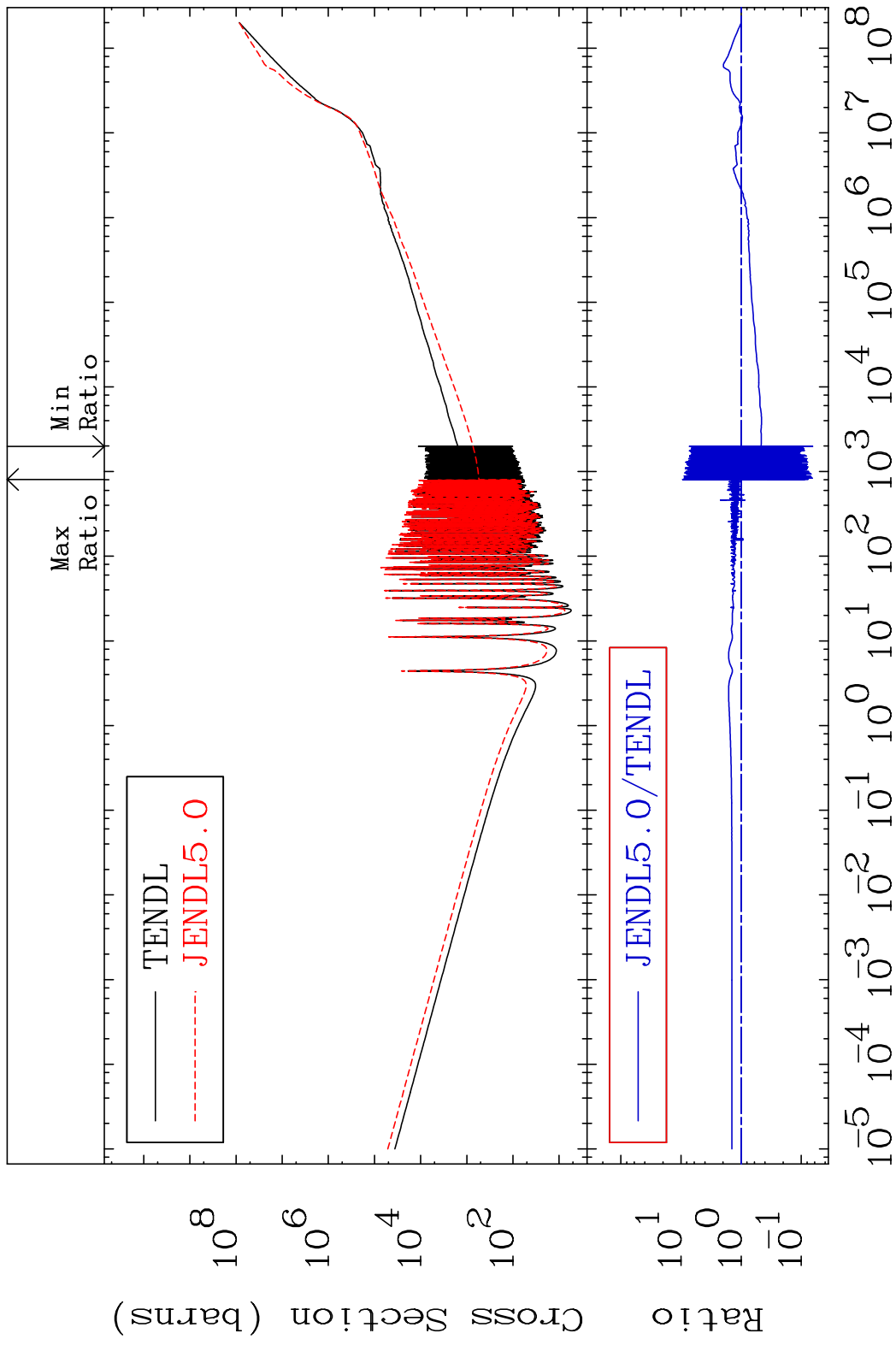


52

Incident Energy (eV)

75-Re-187

MAT 7531 Total kinematic kerma (high limit) 75-Re-187
 Cross Section -93.51 To 849.6 %

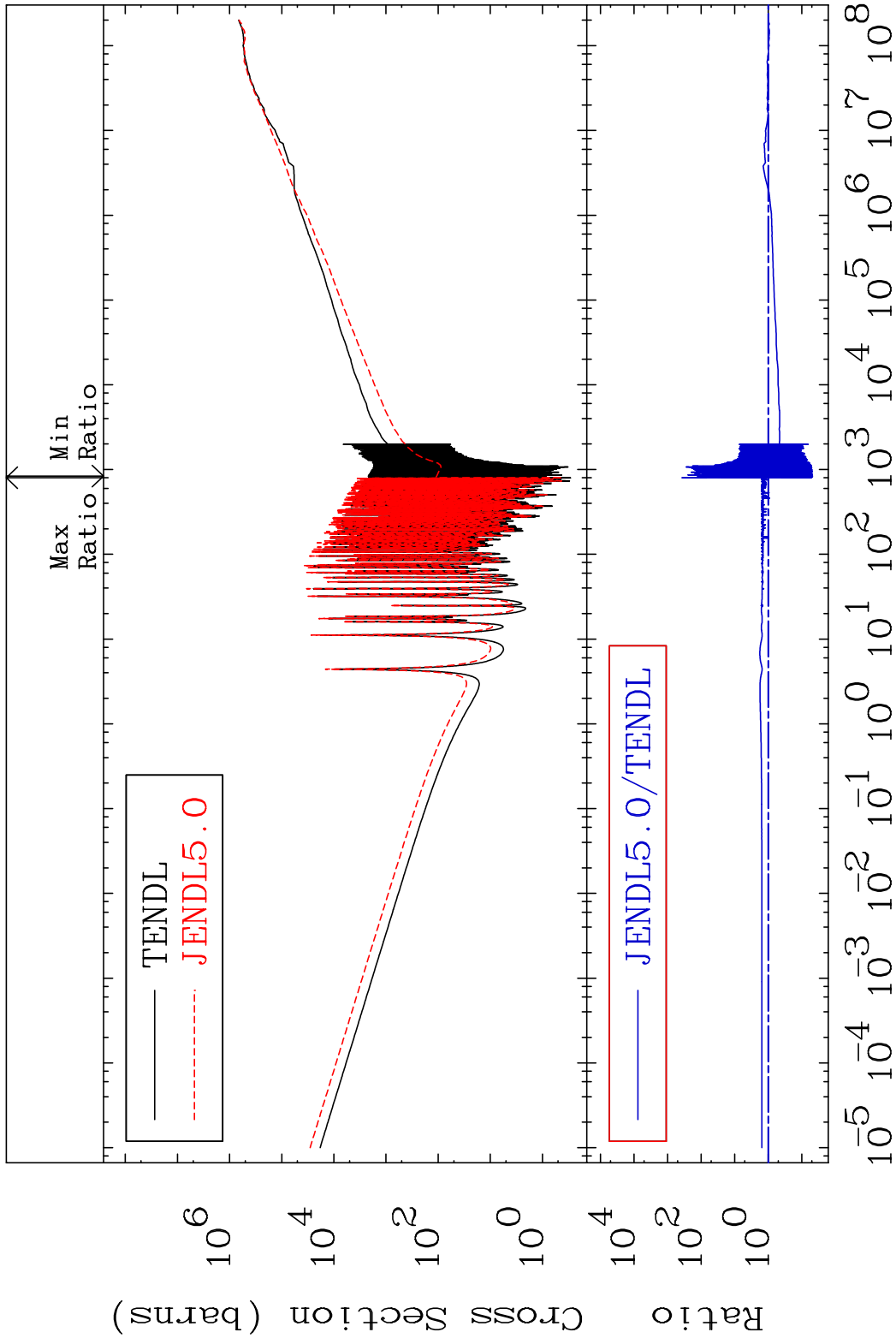


MAT 7531

Dpa total (eV-barns)

75-Re-187

Cross Section -95.19 To 9999. %



54

Incident Energy (eV)

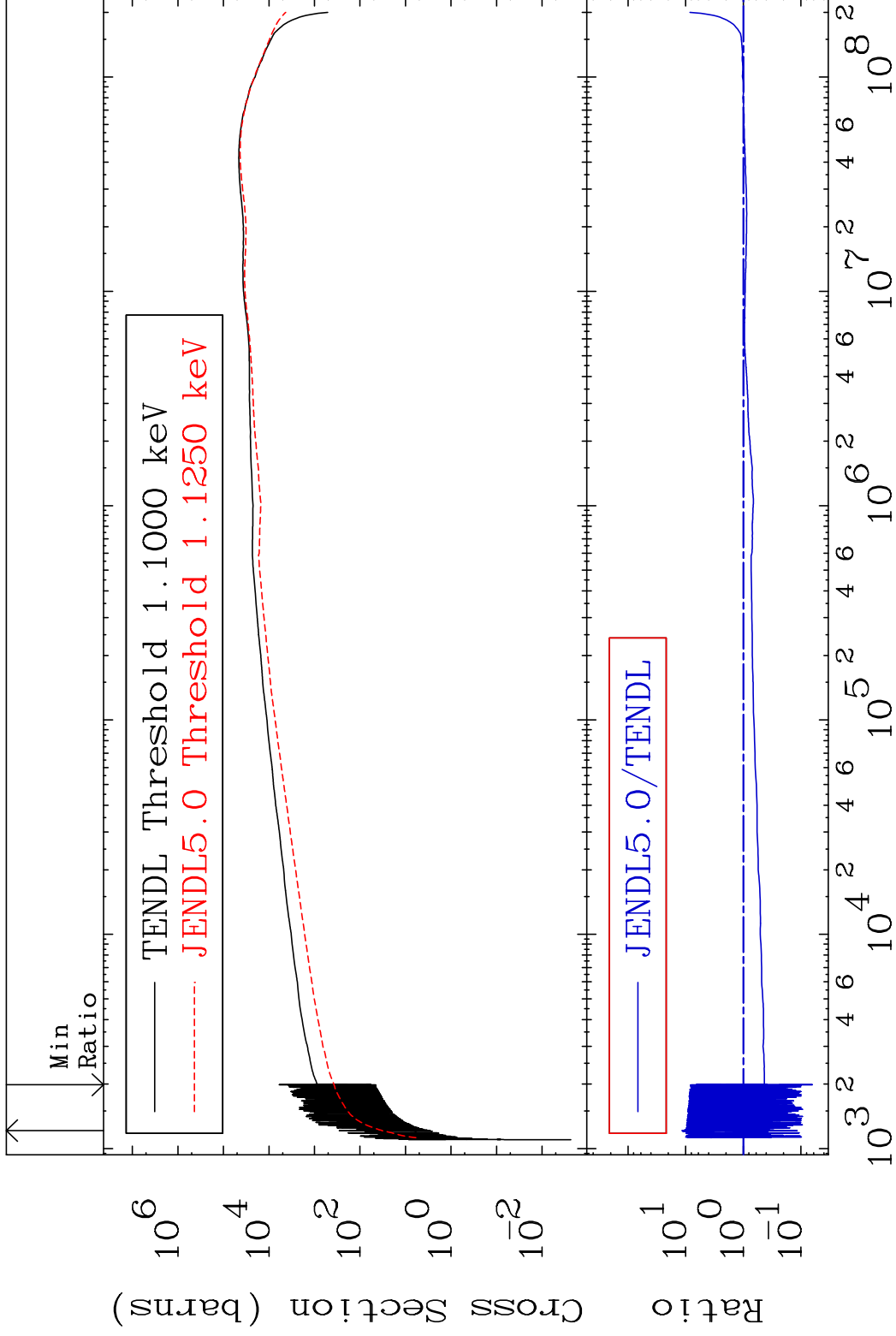
75-Re-187

MAT 7531

Dpa elastic (mt2)

75-Re-187

Cross Section -93.69 To 1049. %

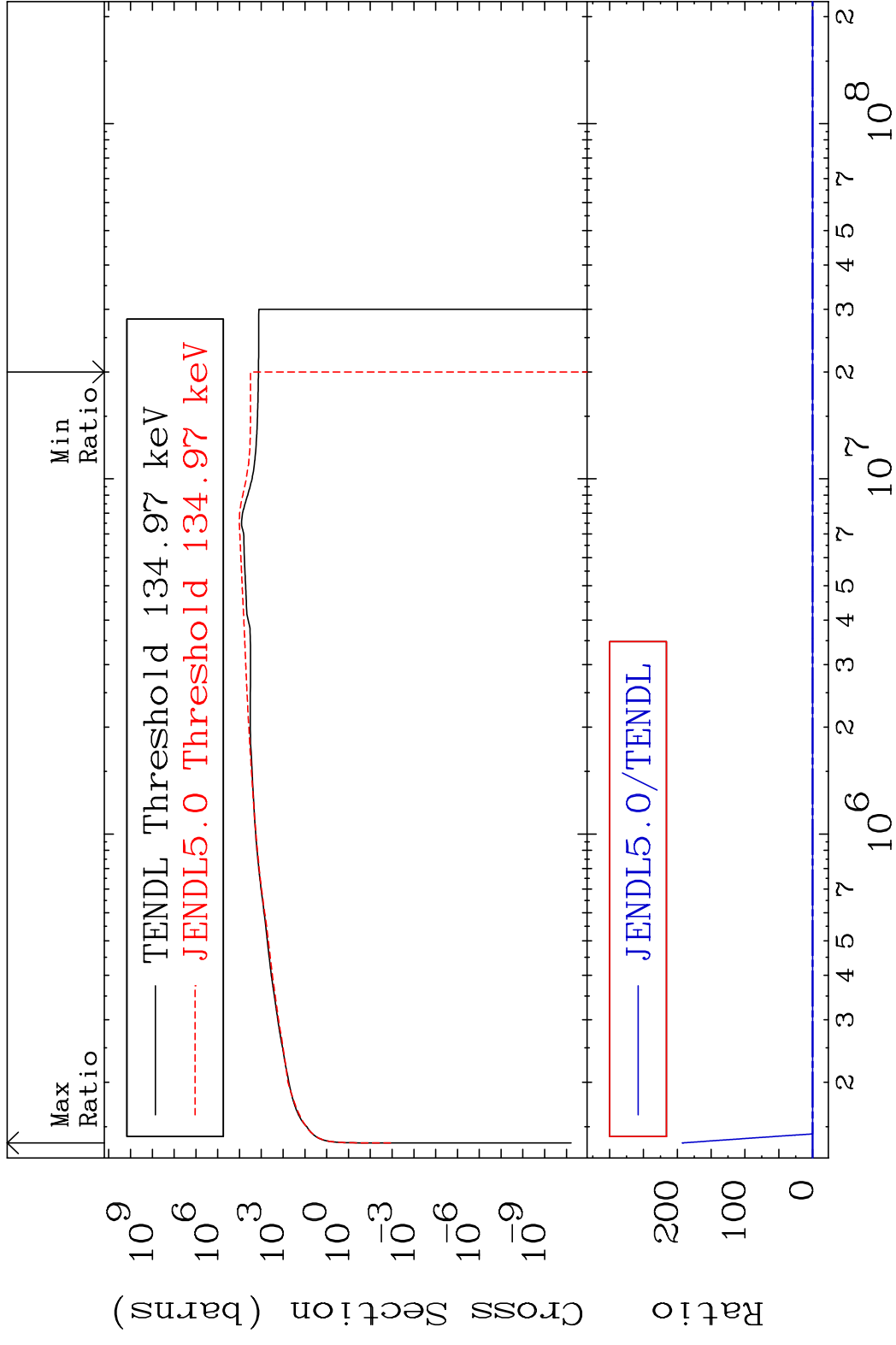


55

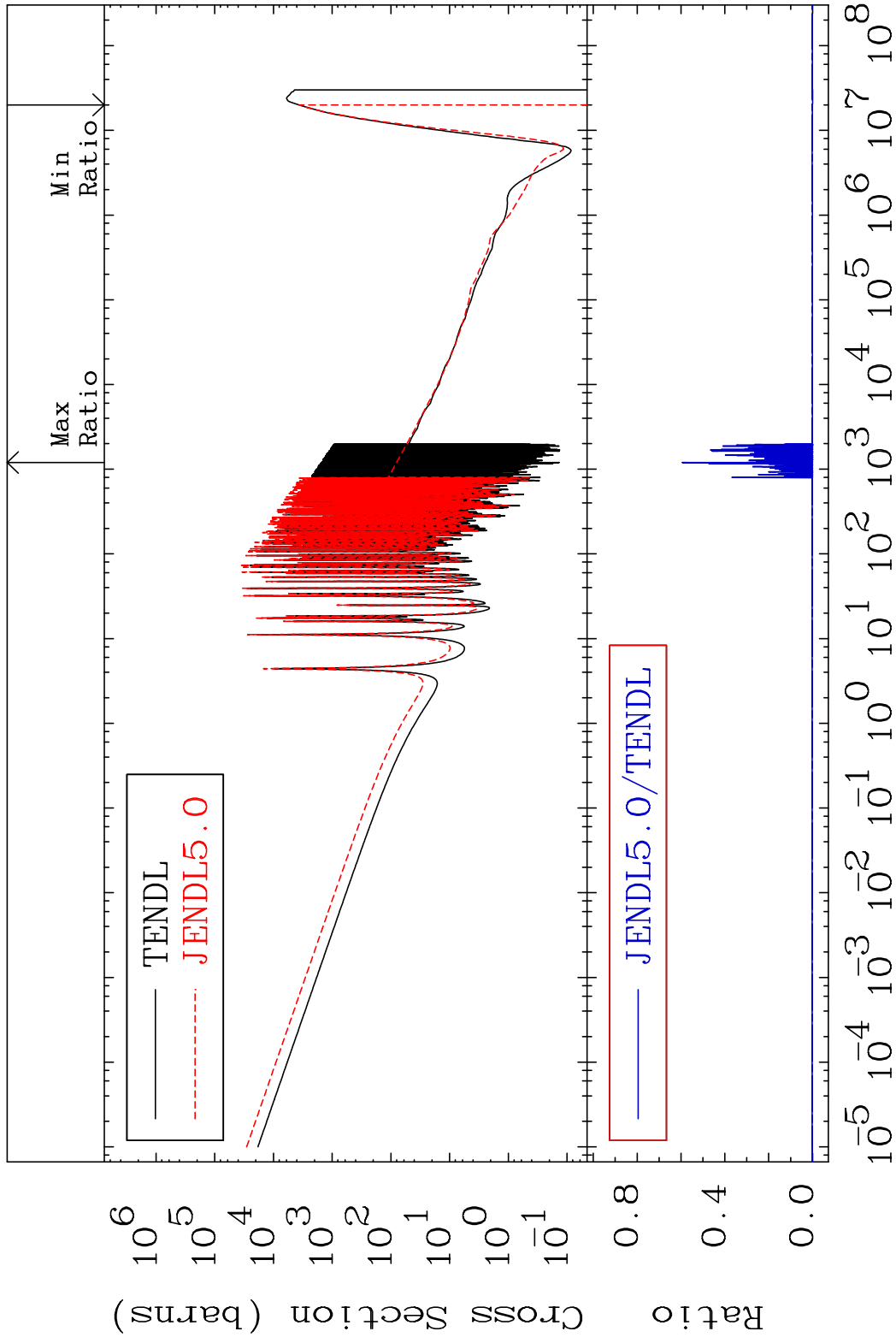
Incident Energy (eV)

75-Re-187

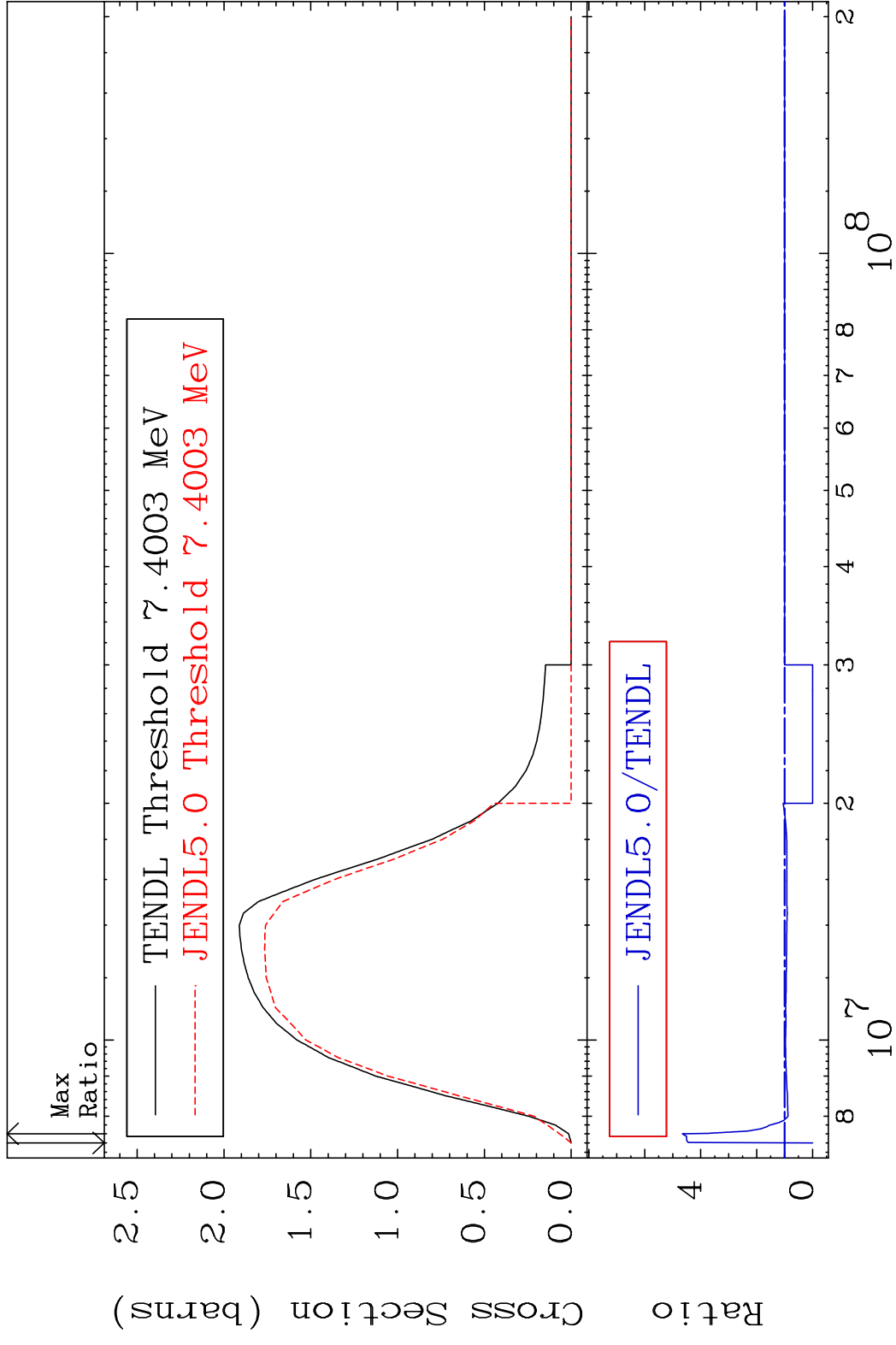
MAT 7531 Dpa inelastic (mt51-91) 75-Re-187
 Cross Section -100.0 To 9999. %



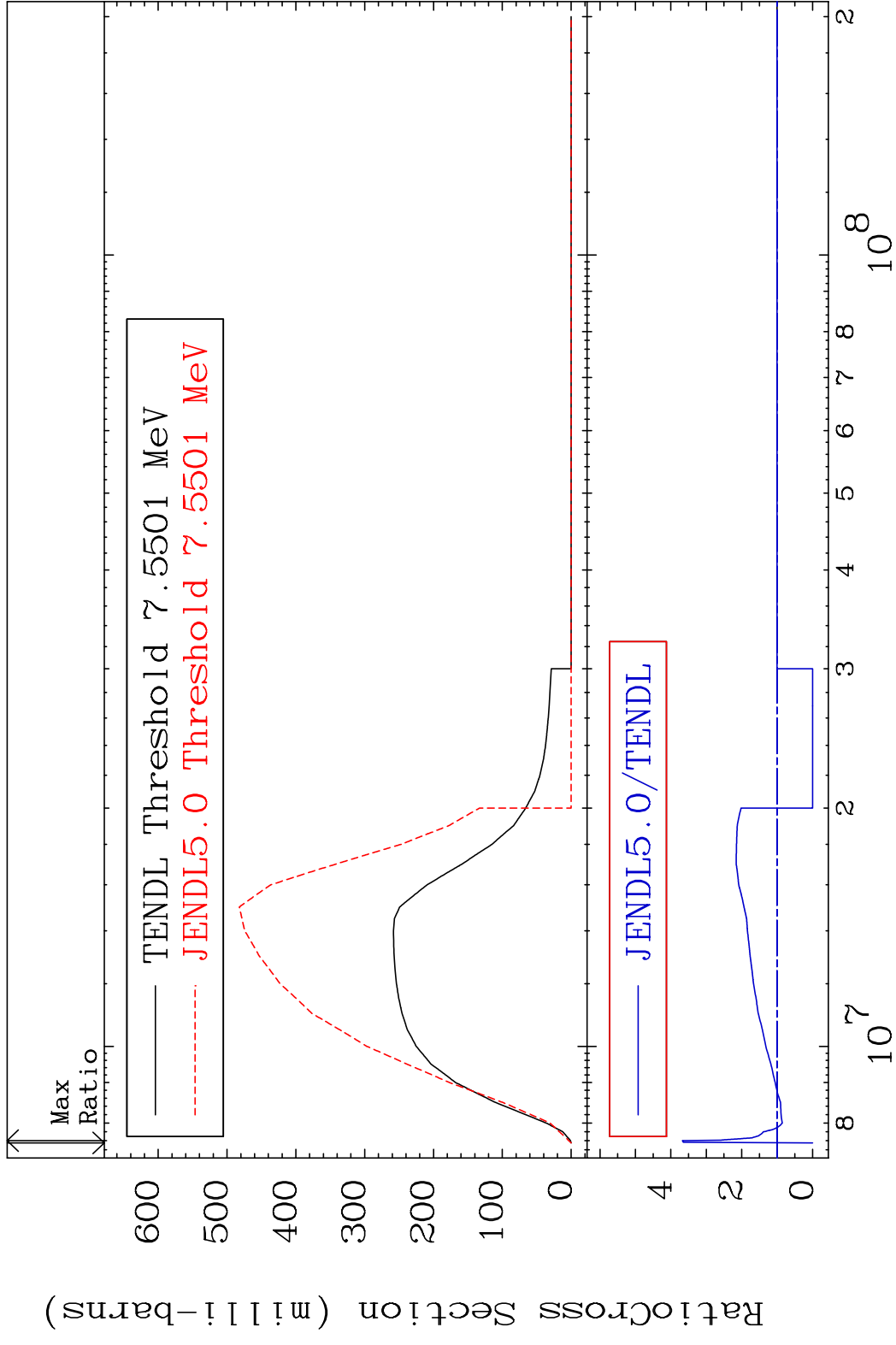
MAT 7531 Dpa disappearance (mt102 -120) 75-Re-187
 Cross Section -100.0 To 9999. %

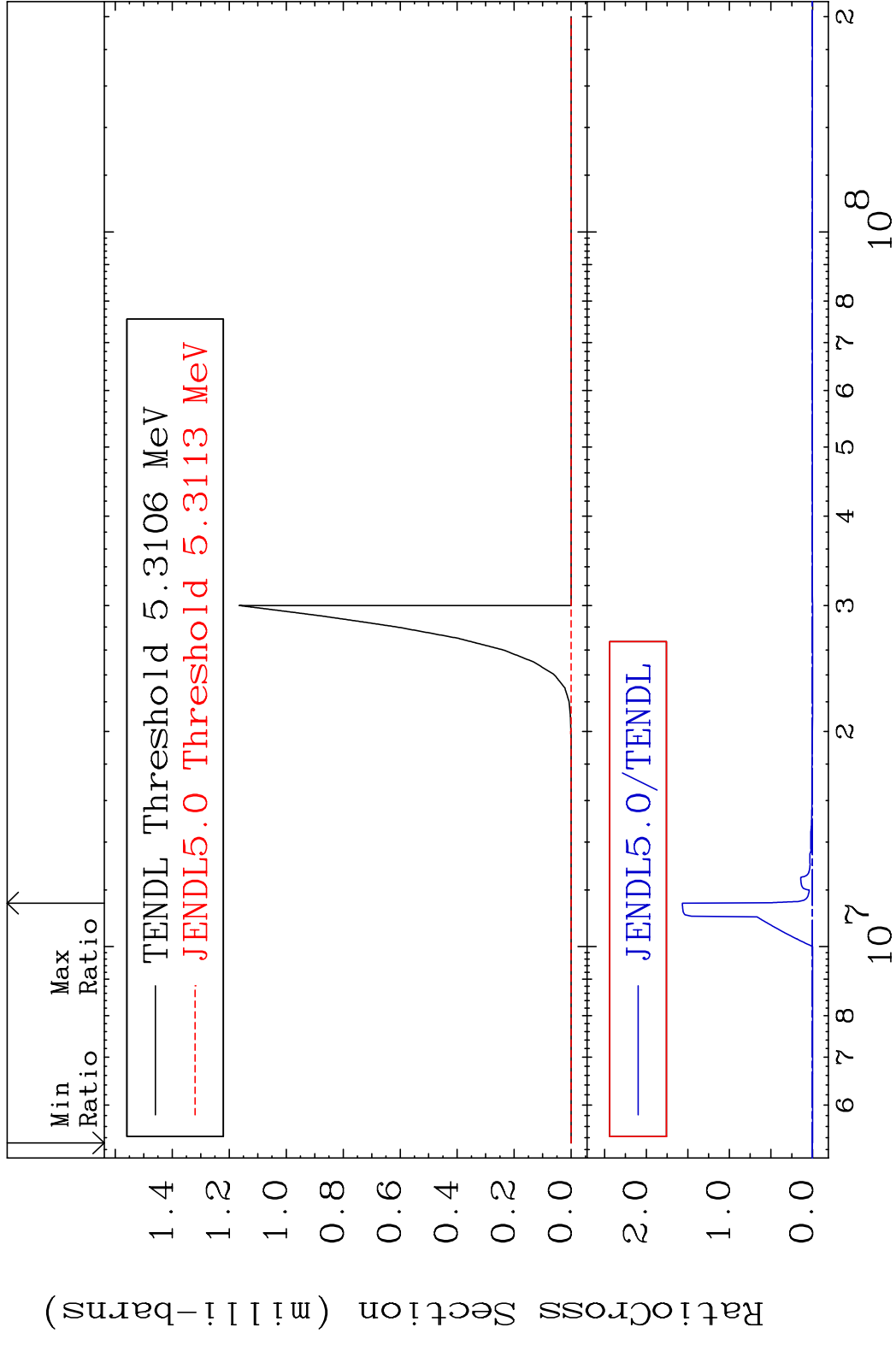


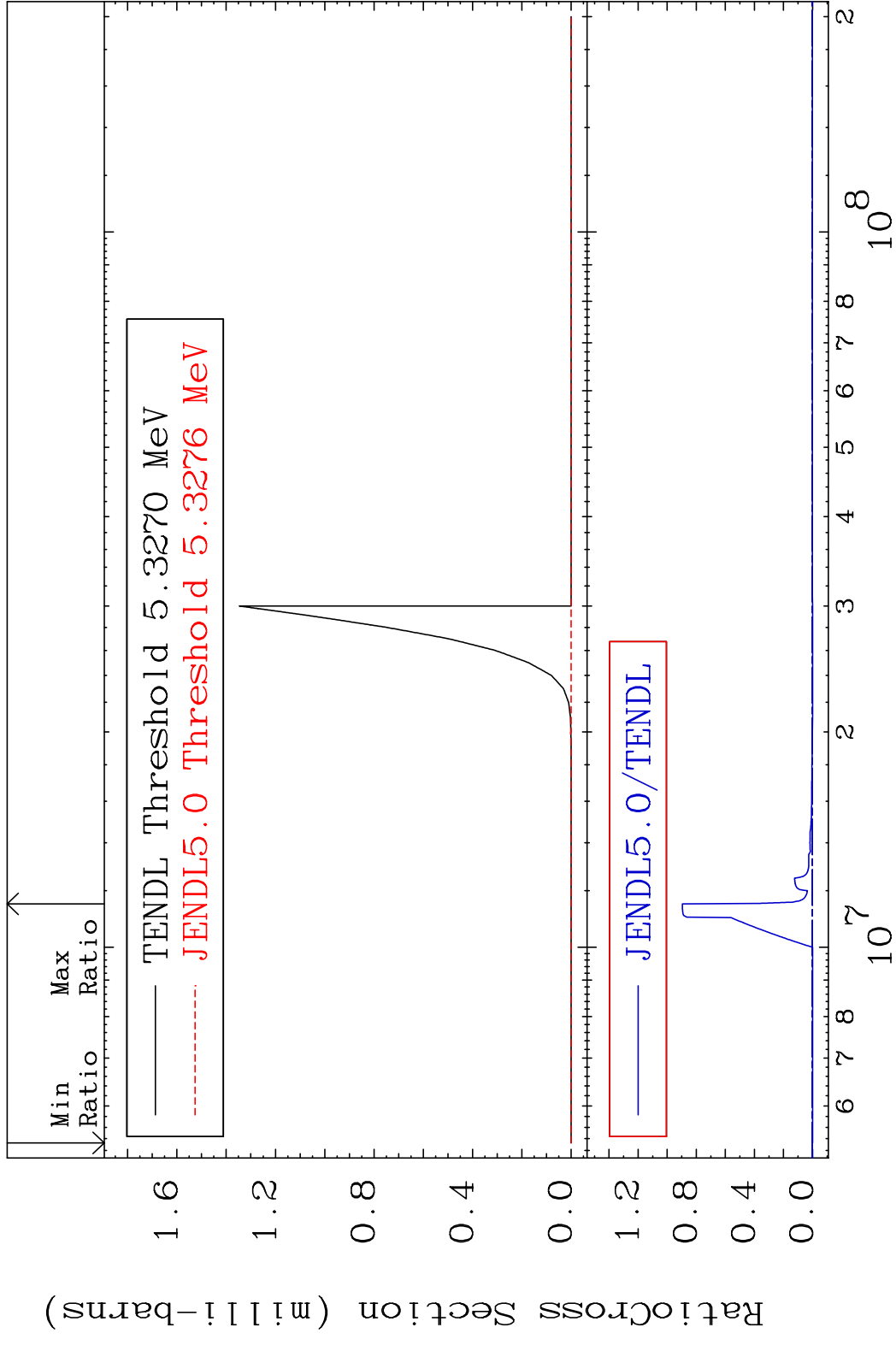
MAT 7531 (n,2n):75-Re-186g 75-Re-187
 Radionuclide Production Cross Section Ratio 365.6 %

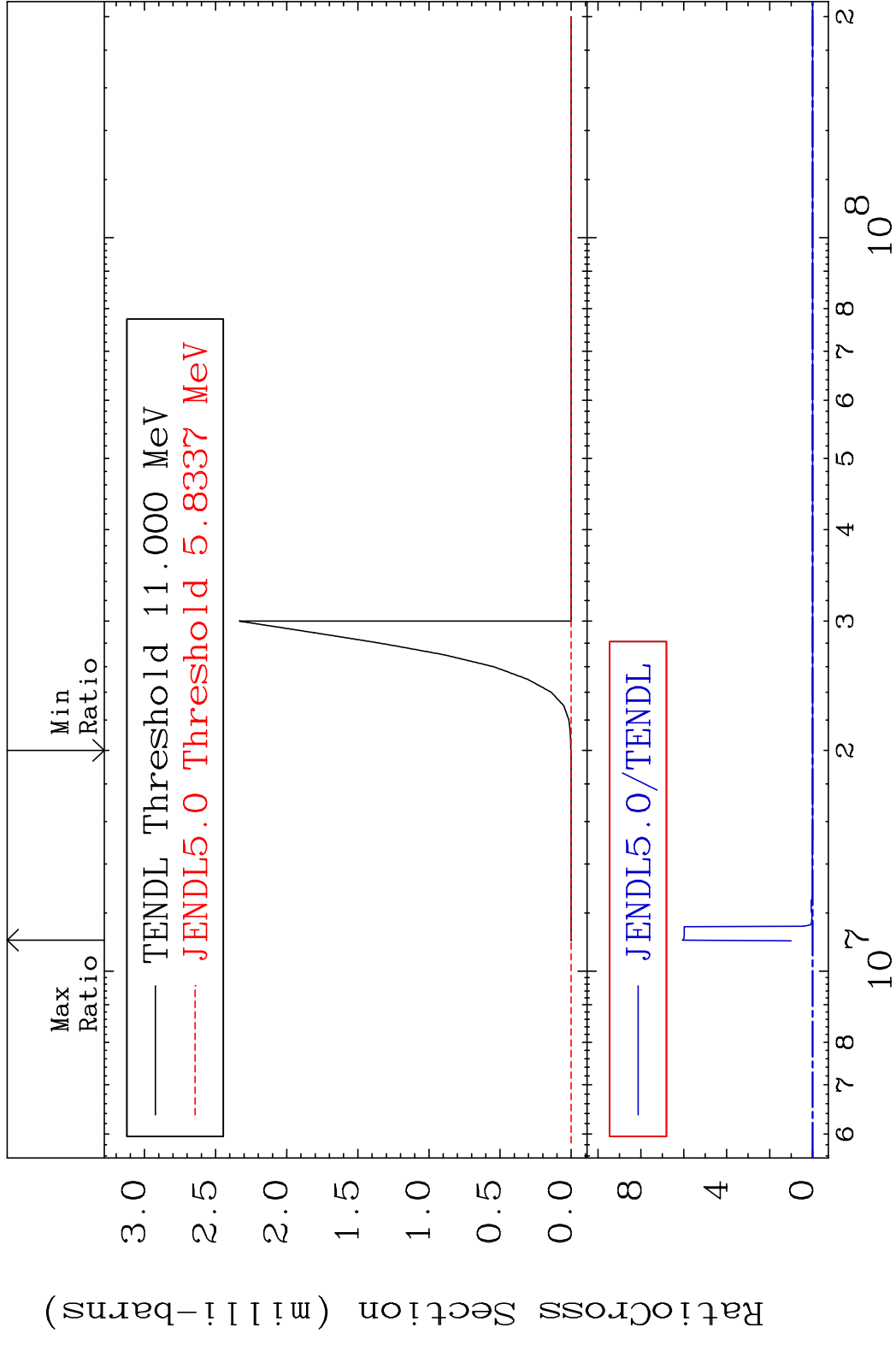


MAT 7531 (n,2n):75-Re-186m4 75-Re-187
 Radionuclide Production Cross Section 186m4 to 267.5 %

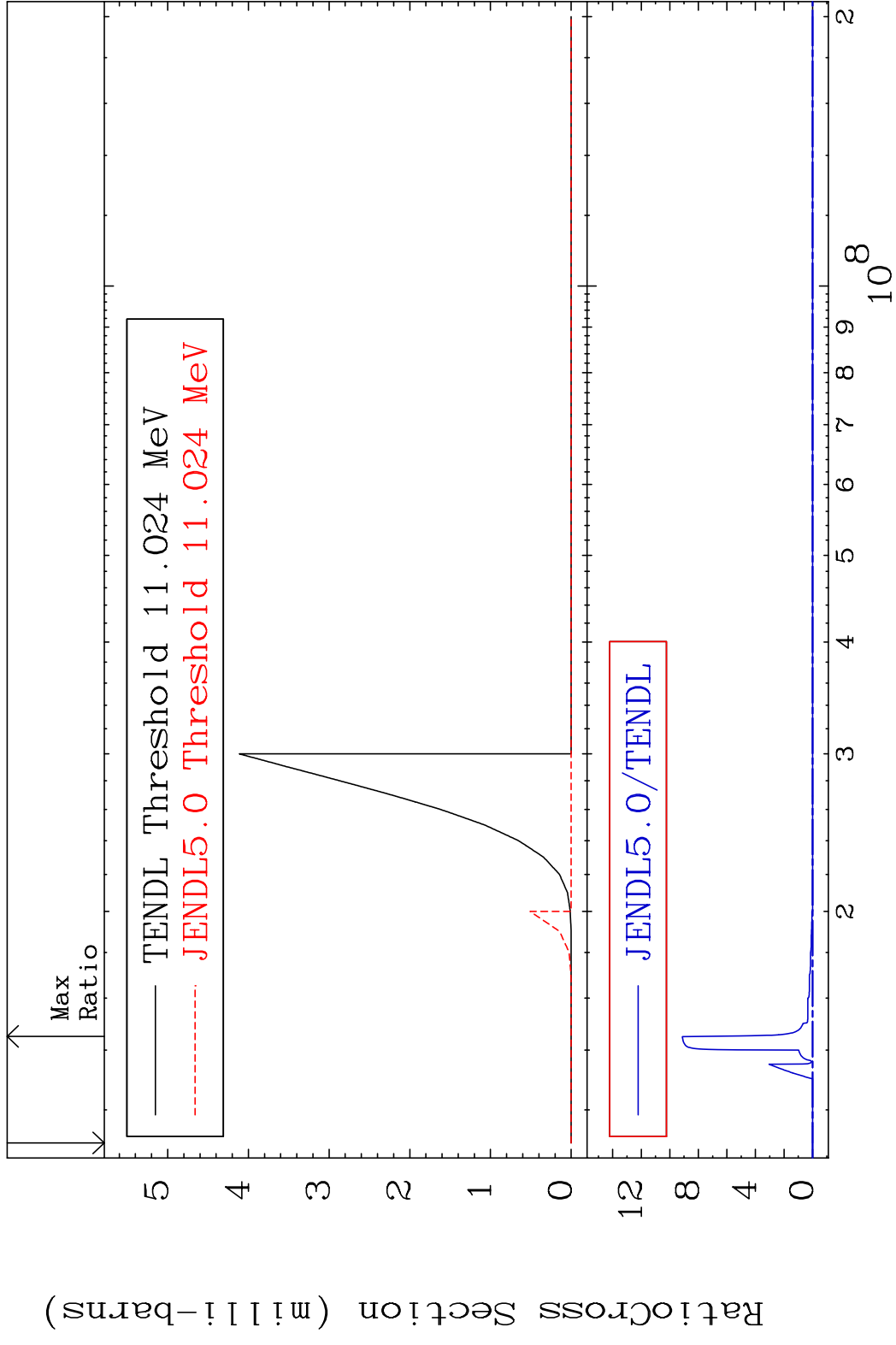


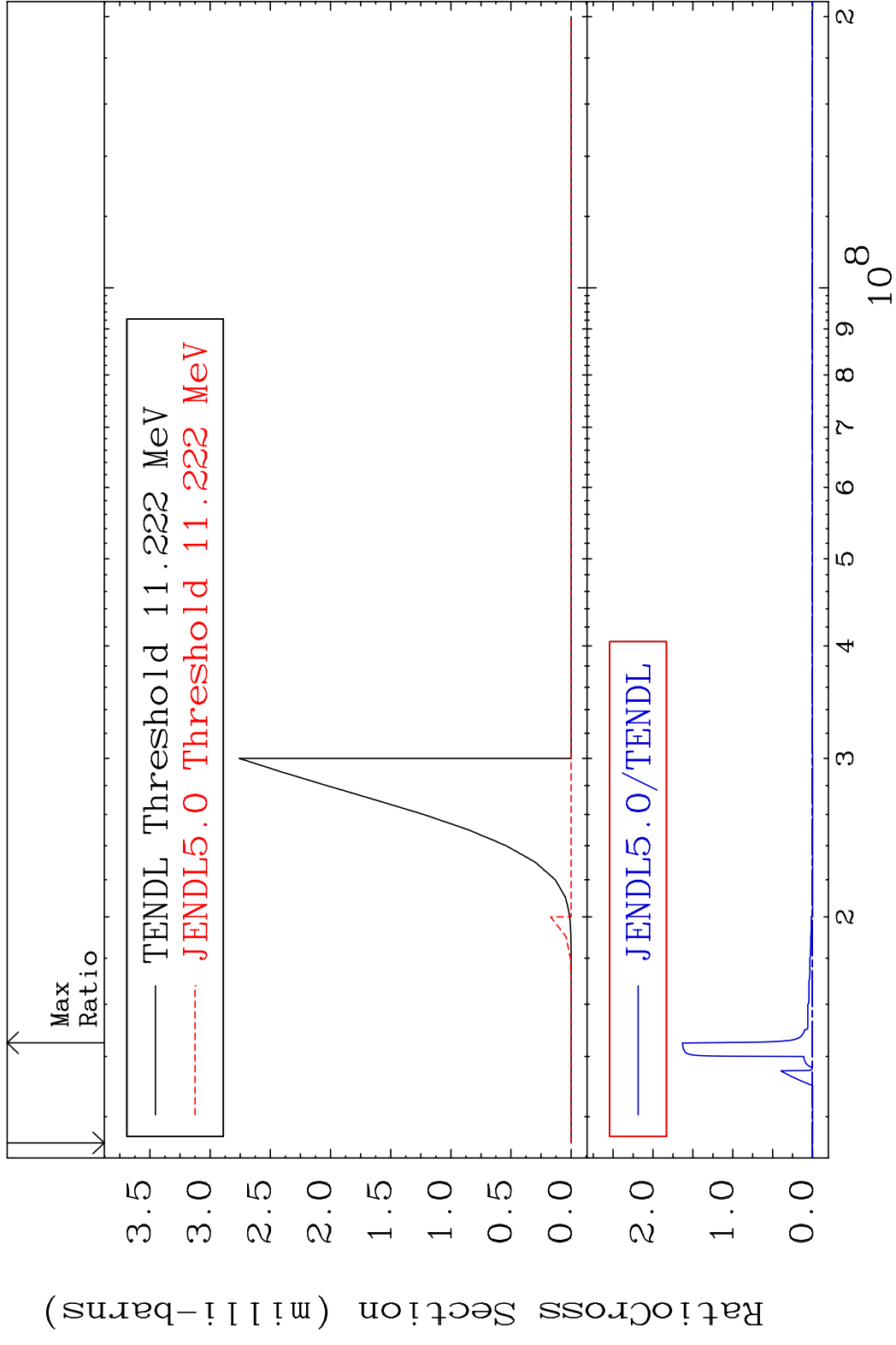


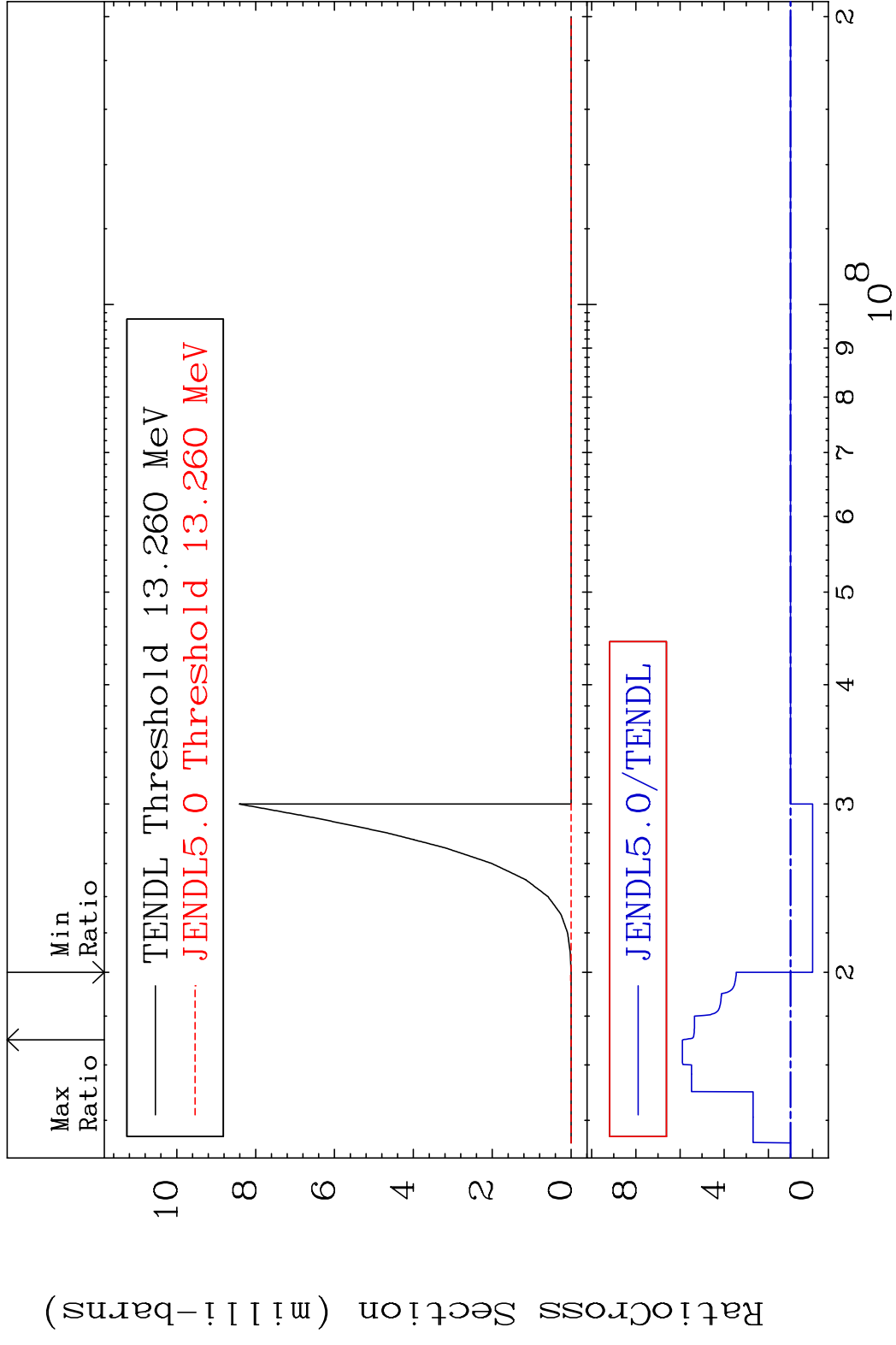


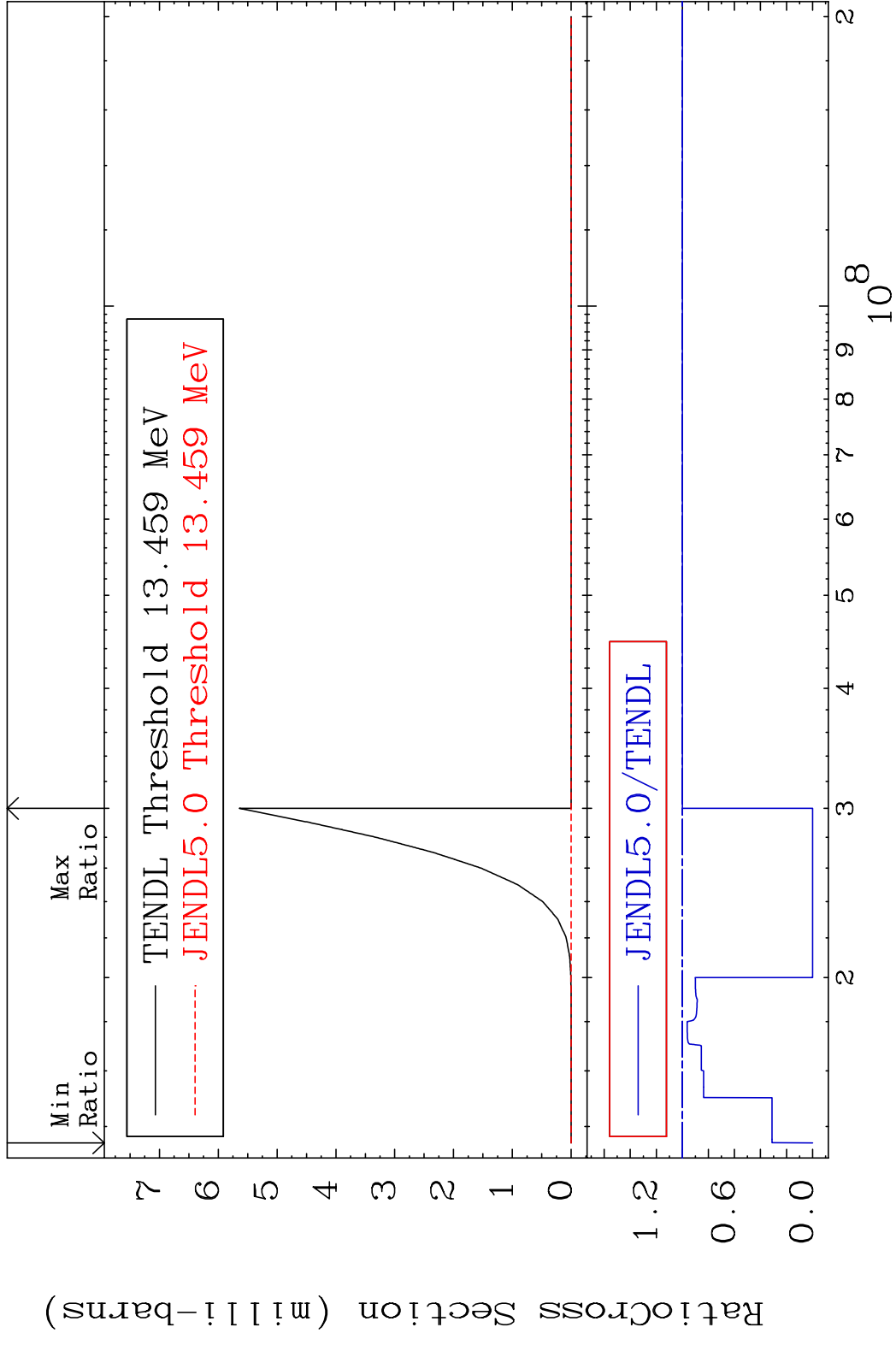


MAT 7531 (n, n') d:74-W -185g 75-Re-187
 Radionuclide Production Cross Section Ratio 9999. %

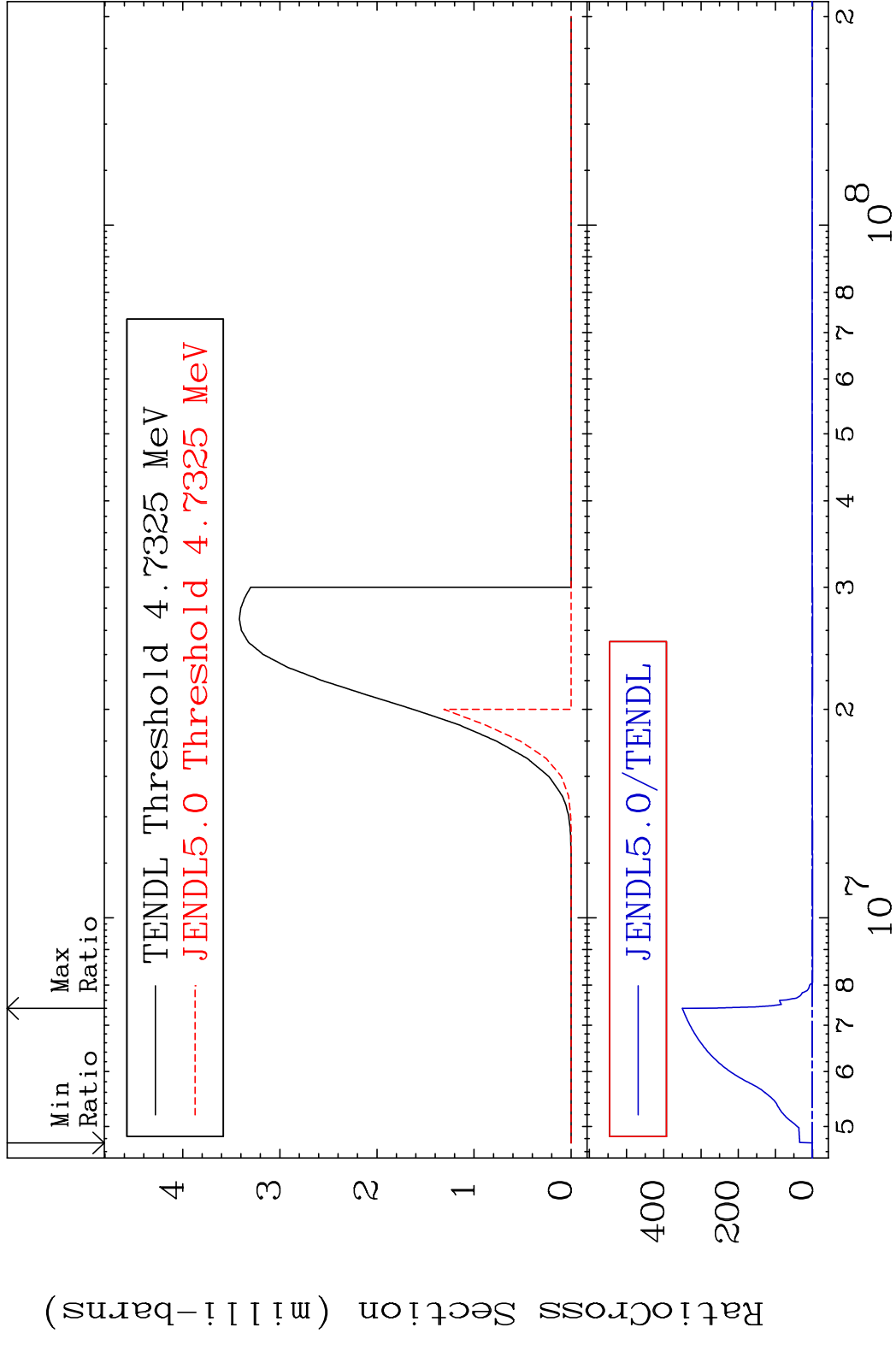


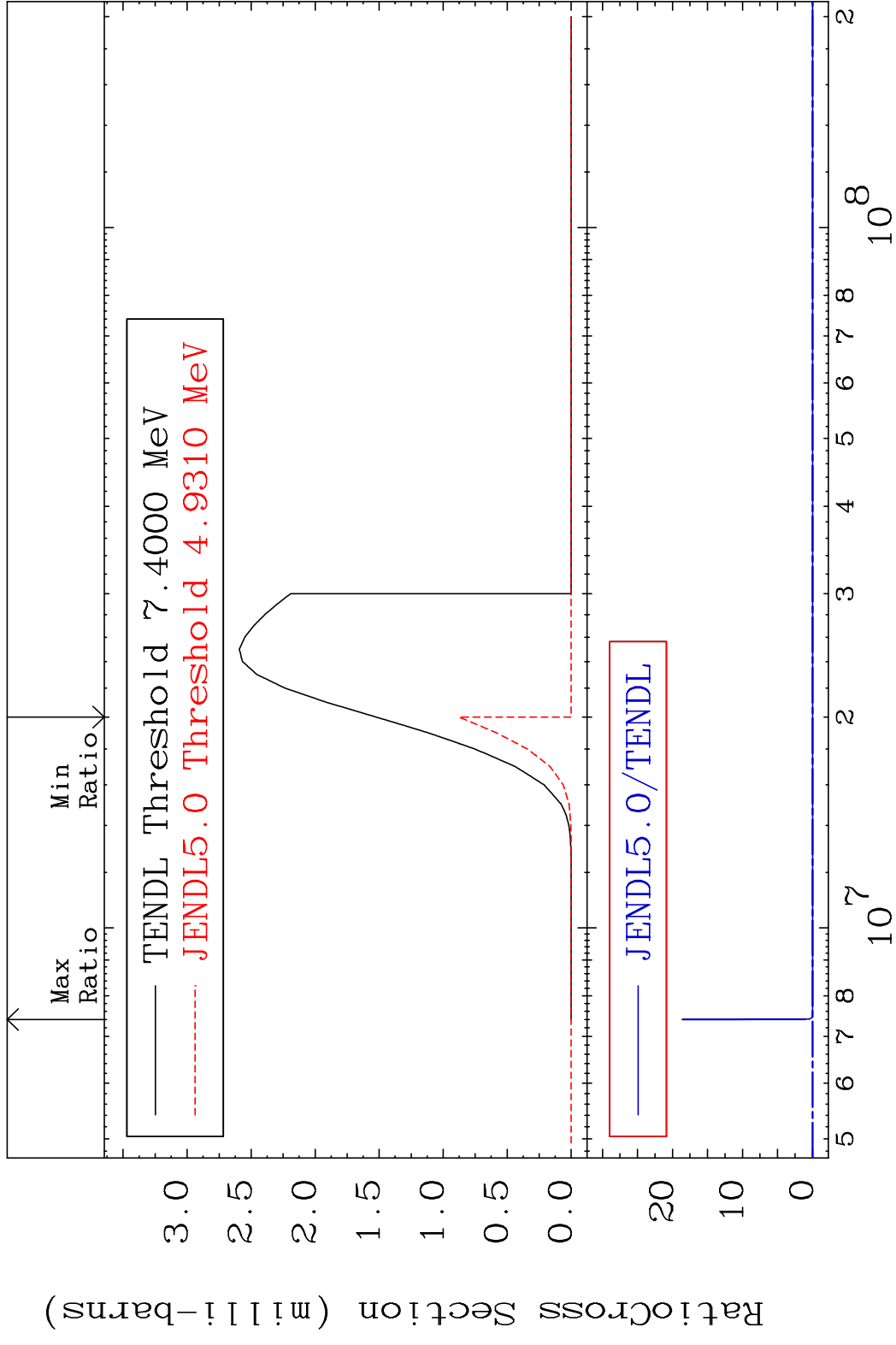


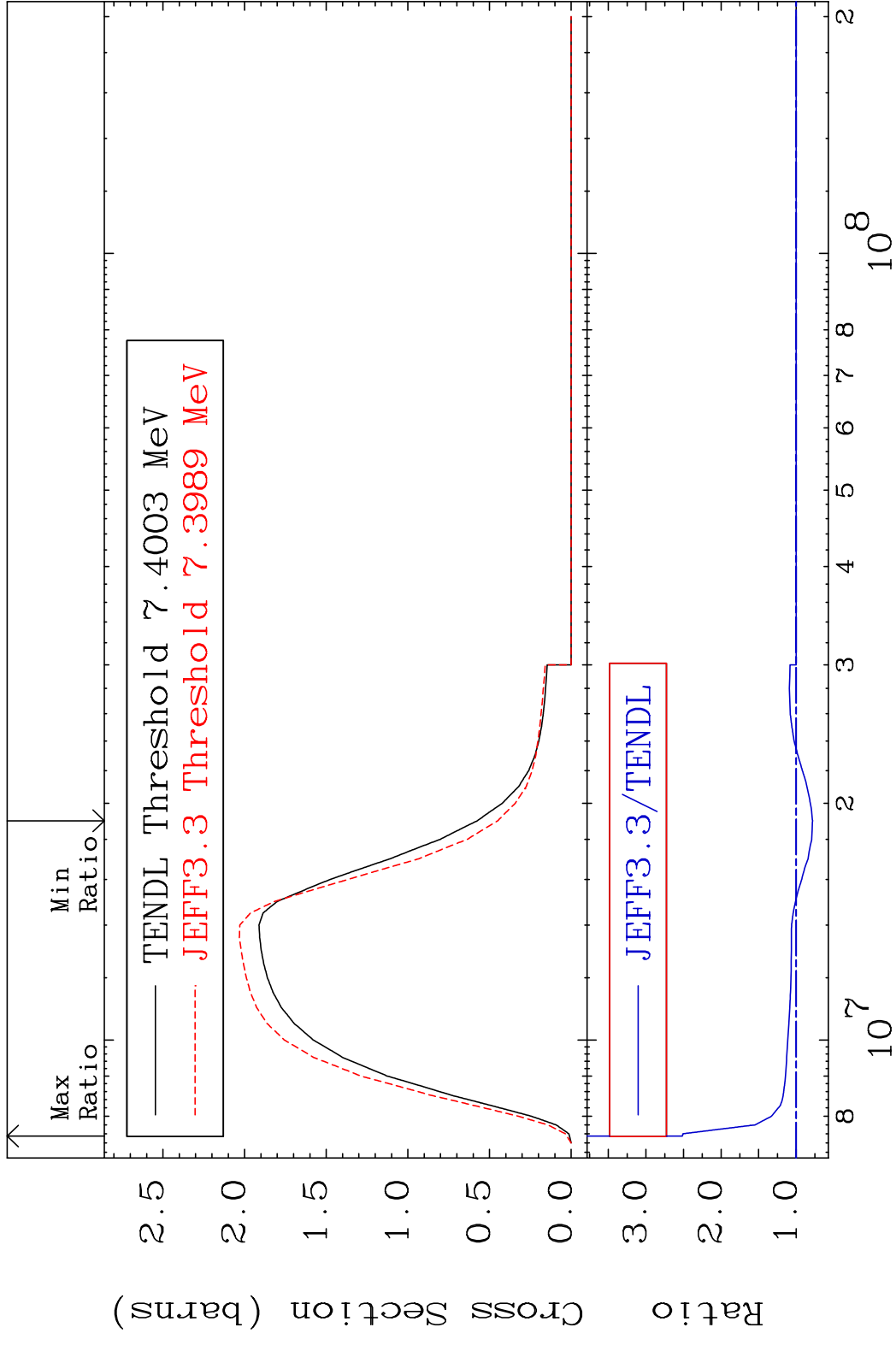




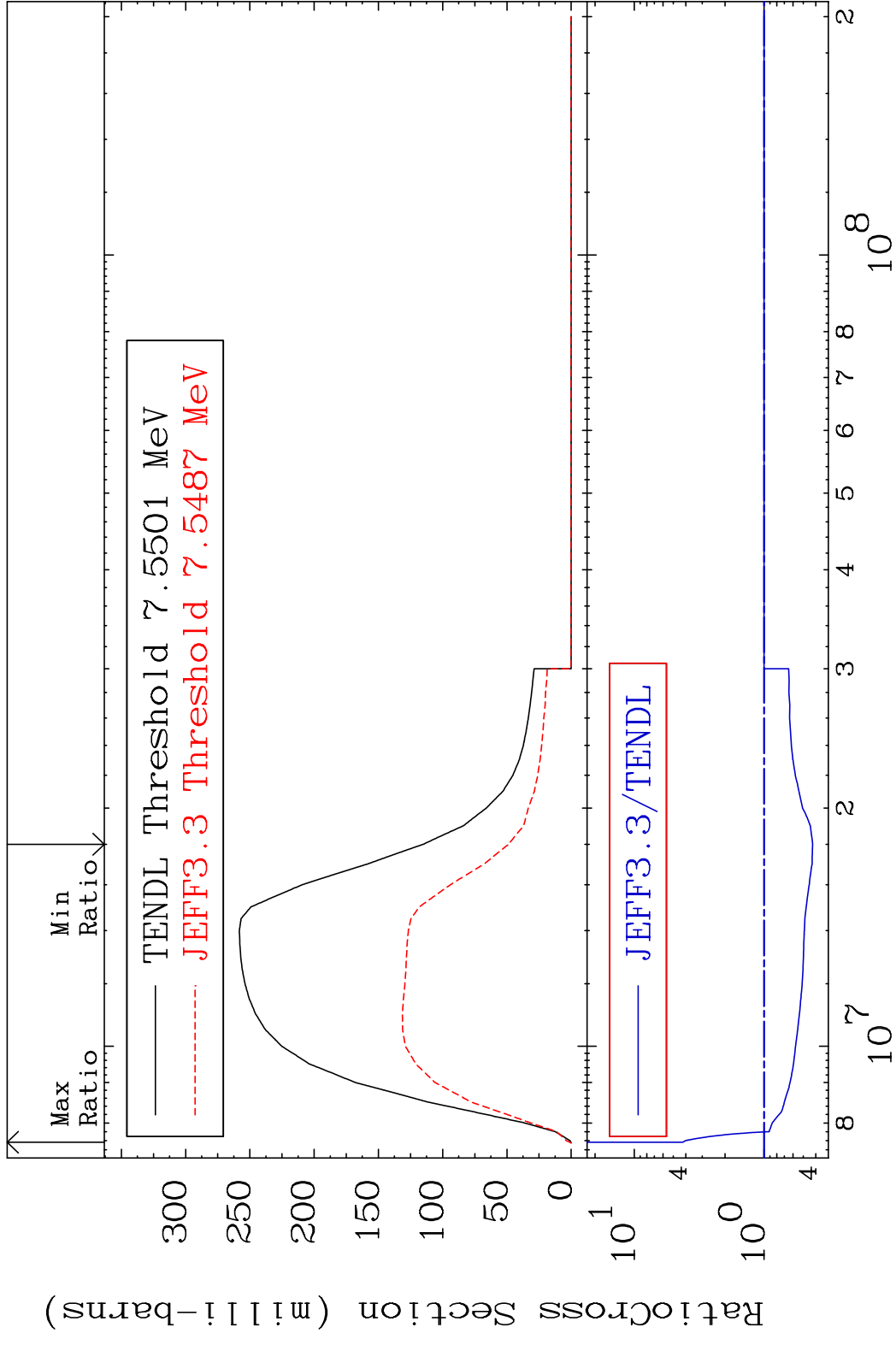
MAT 7531 (n,t):74-W -185g 75-Re-187
 Radionuclide Production Cross Section 18000 dth 9999. %



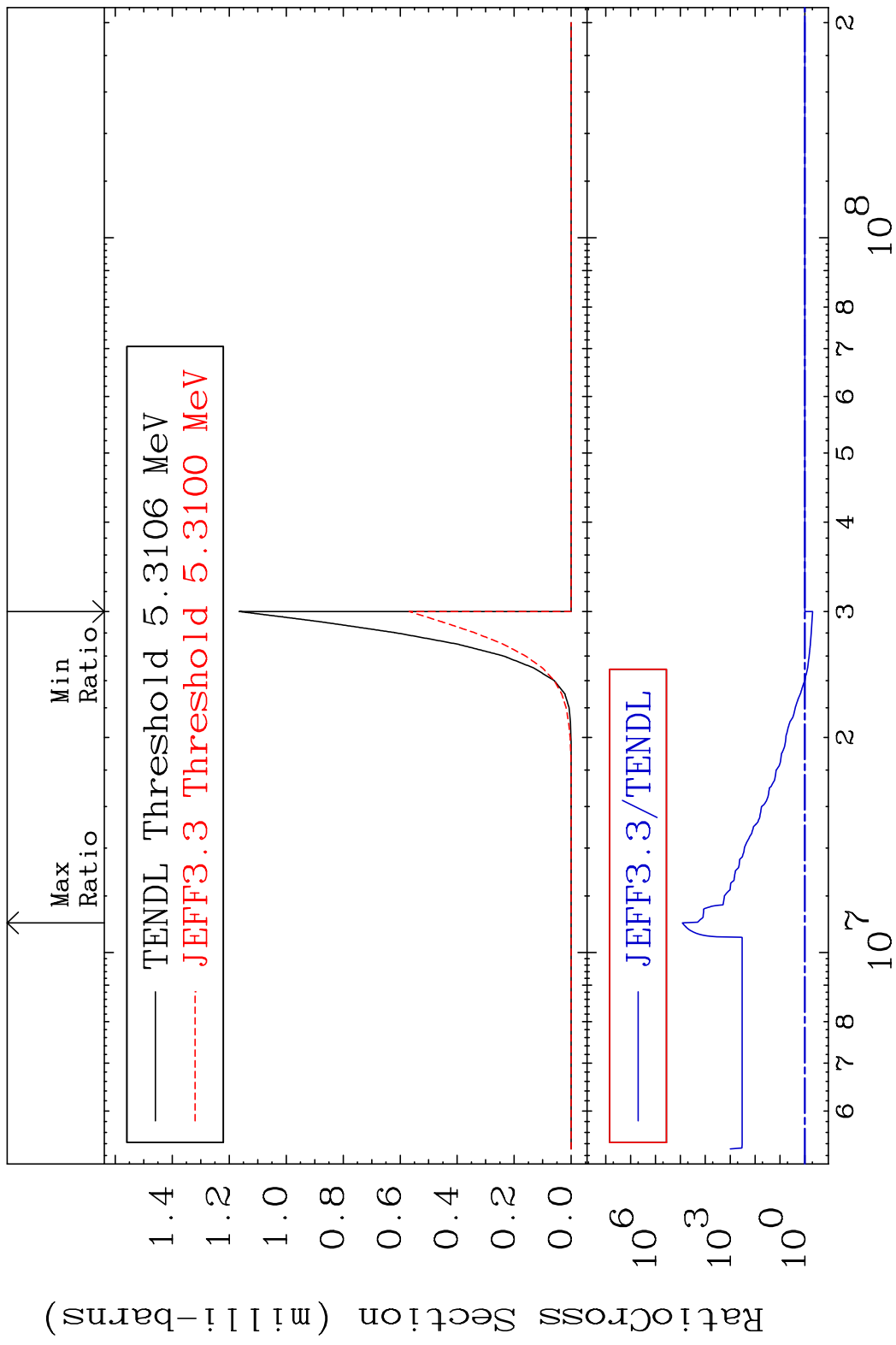


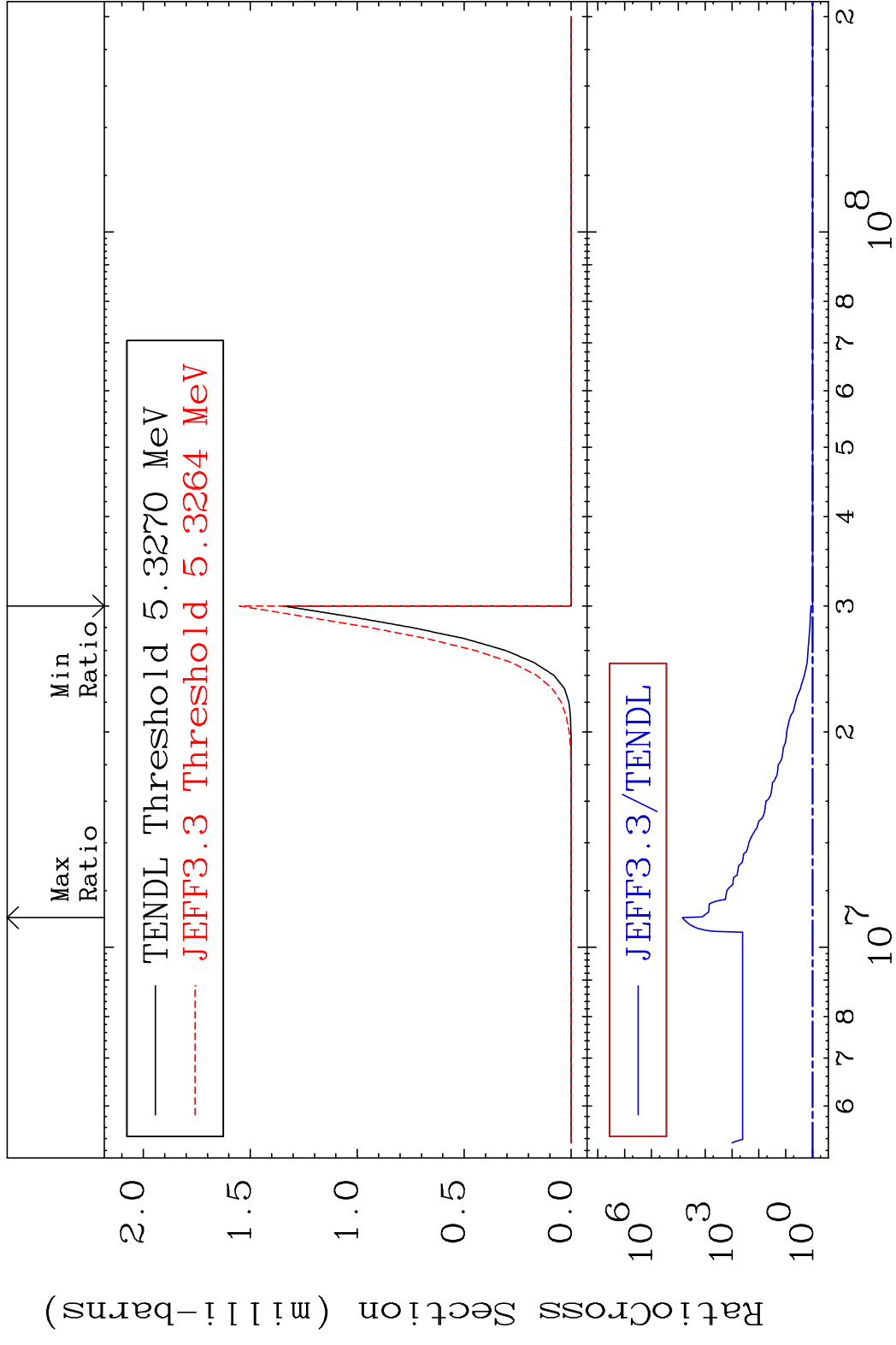


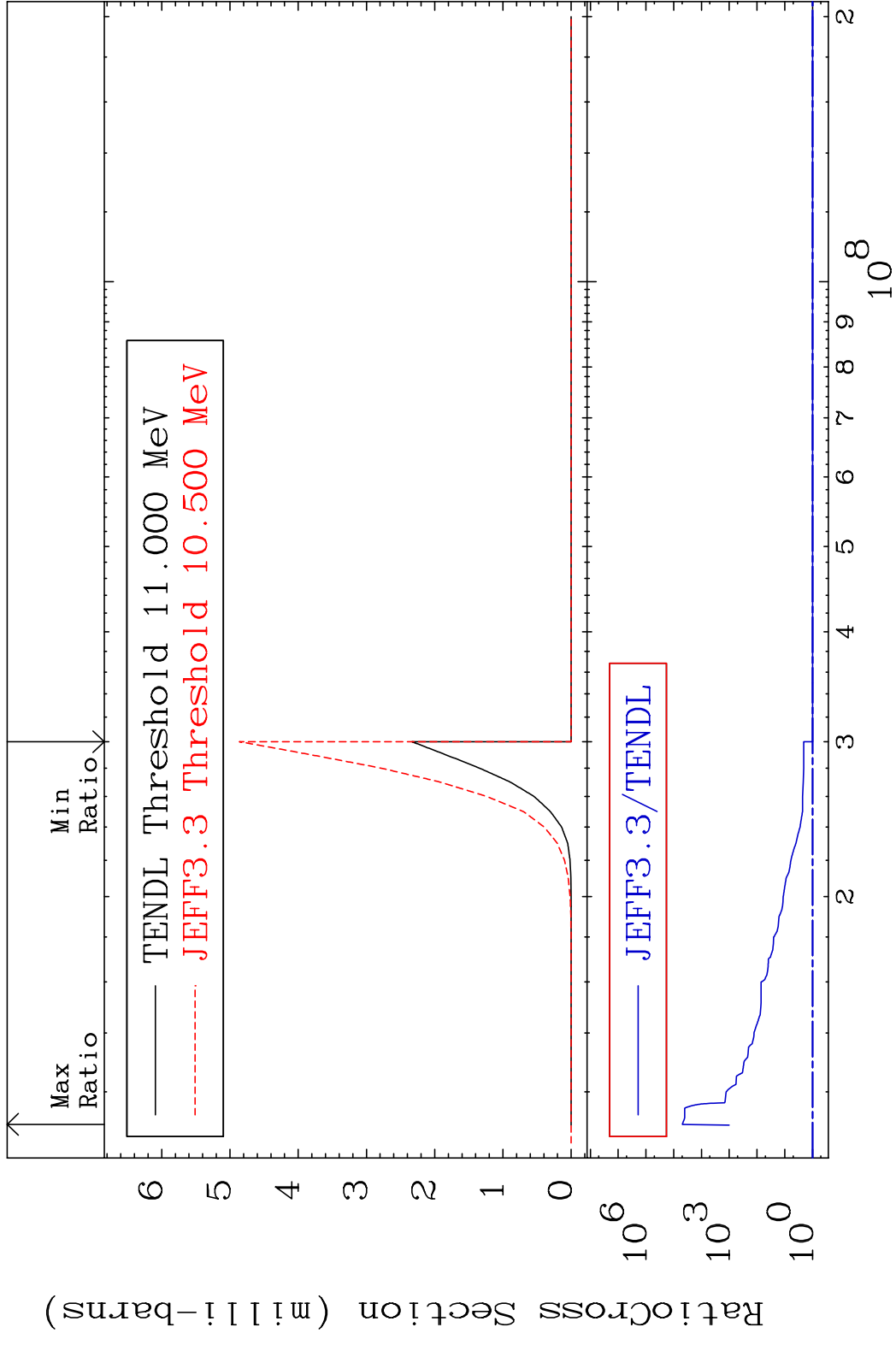
MAT 7531 (n,2n):75-Re-186m4 75-Re-187
 Radionuclide Production Cross Section 326.0 %



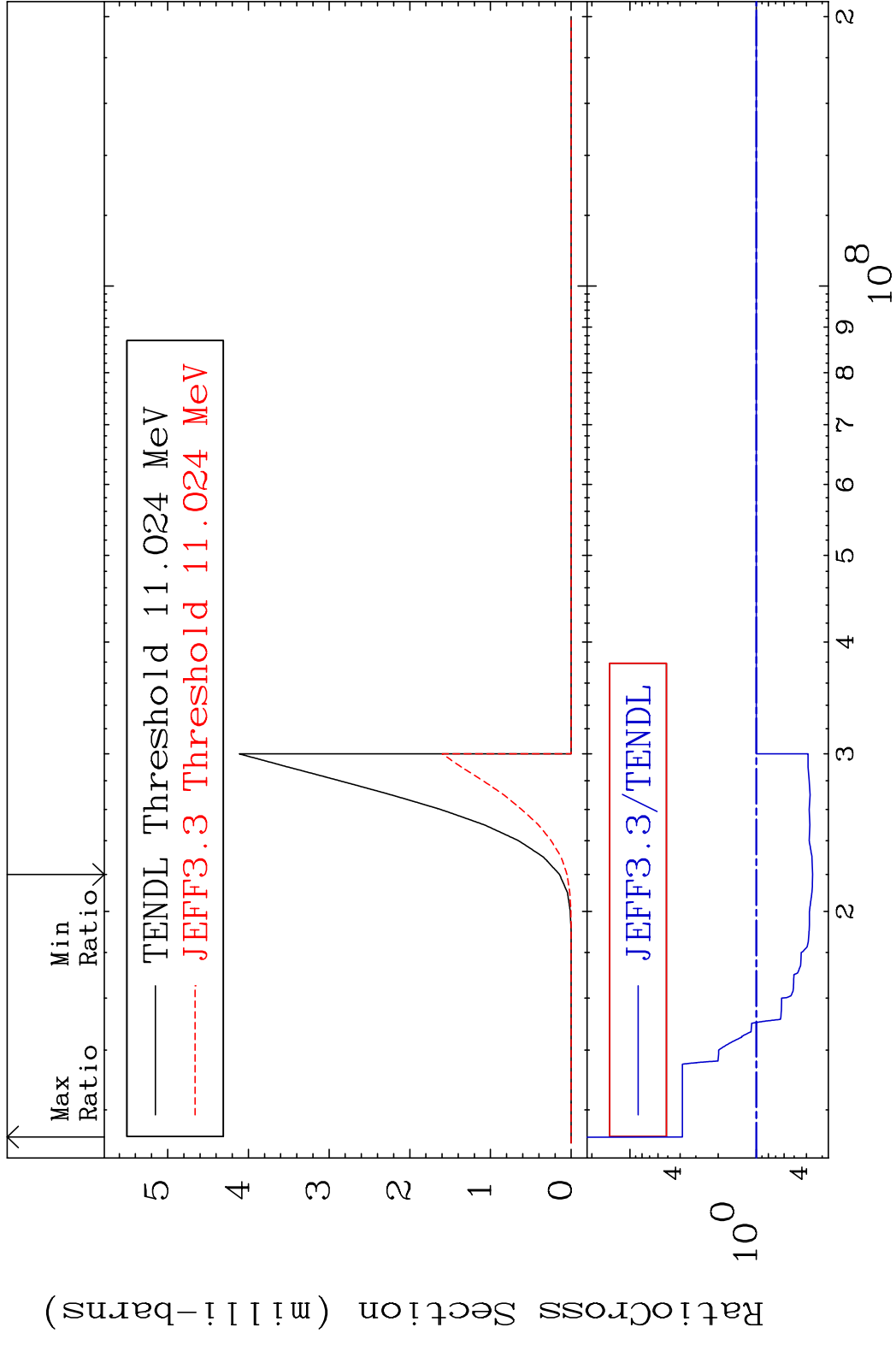
70 Incident Energy (eV) 75-Re-187



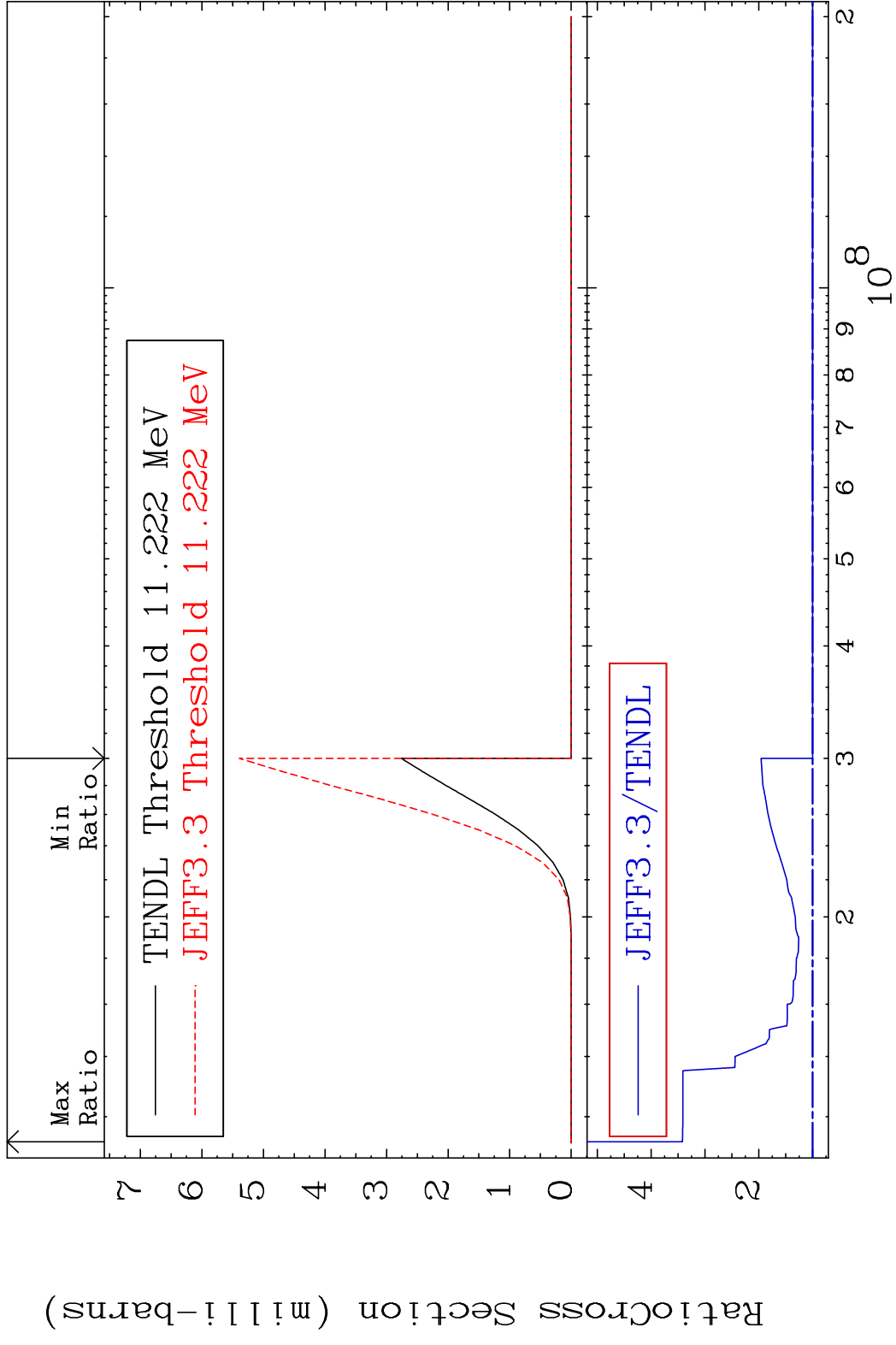




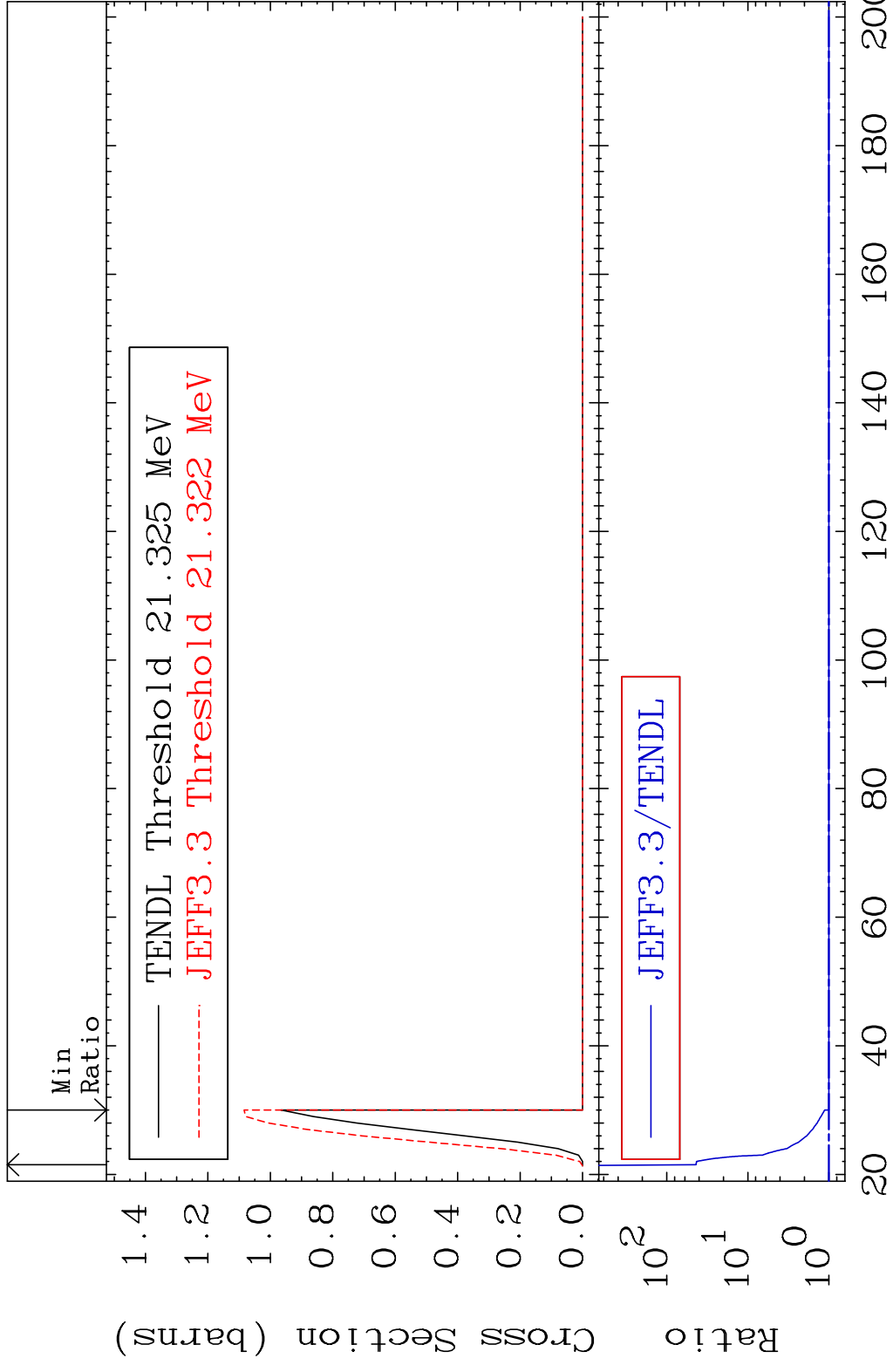
MAT 7531 (n, n') d:74-W -185g 75-Re-187
 Radionuclide Production Cross Section 284.2 %

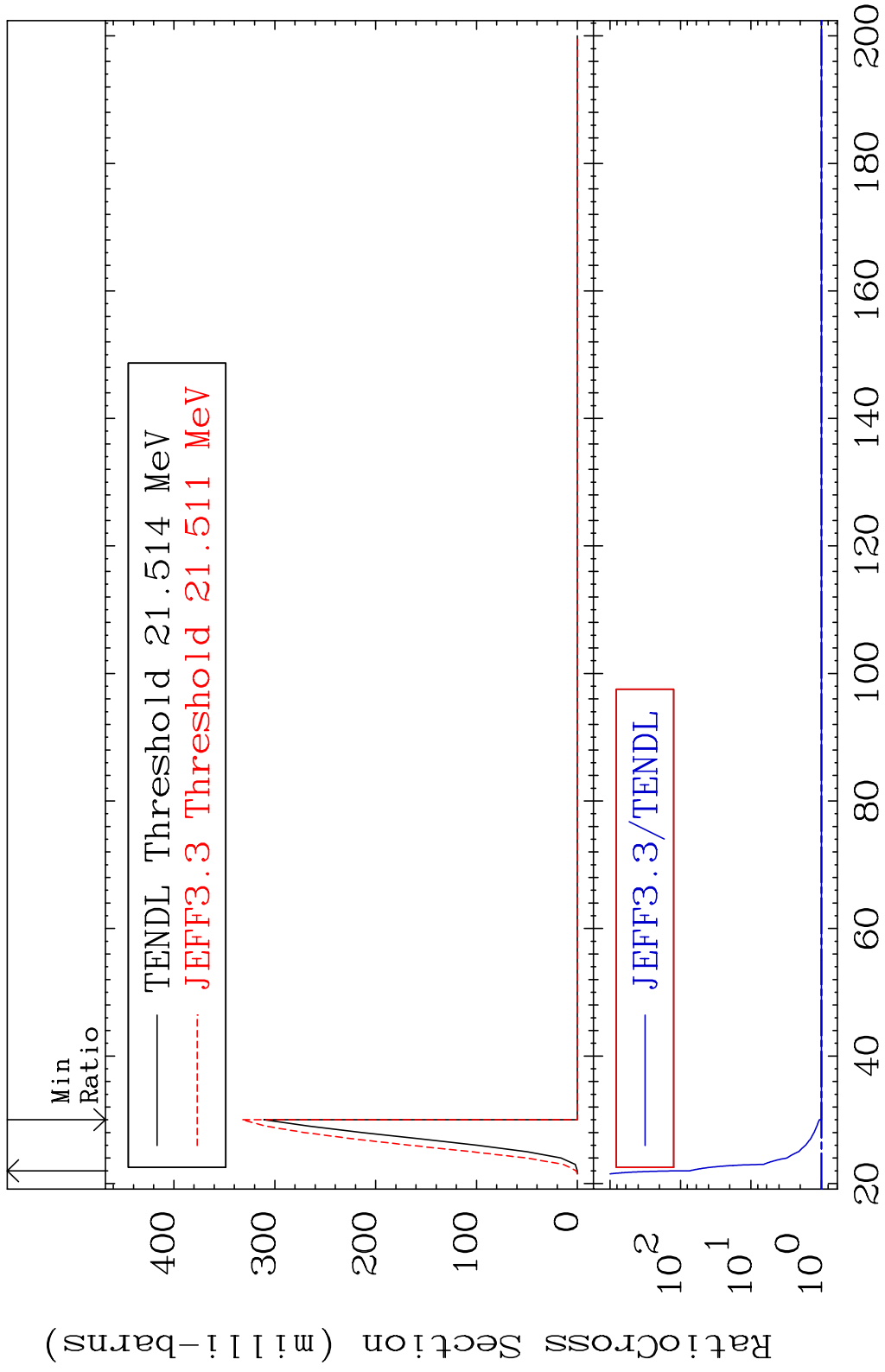


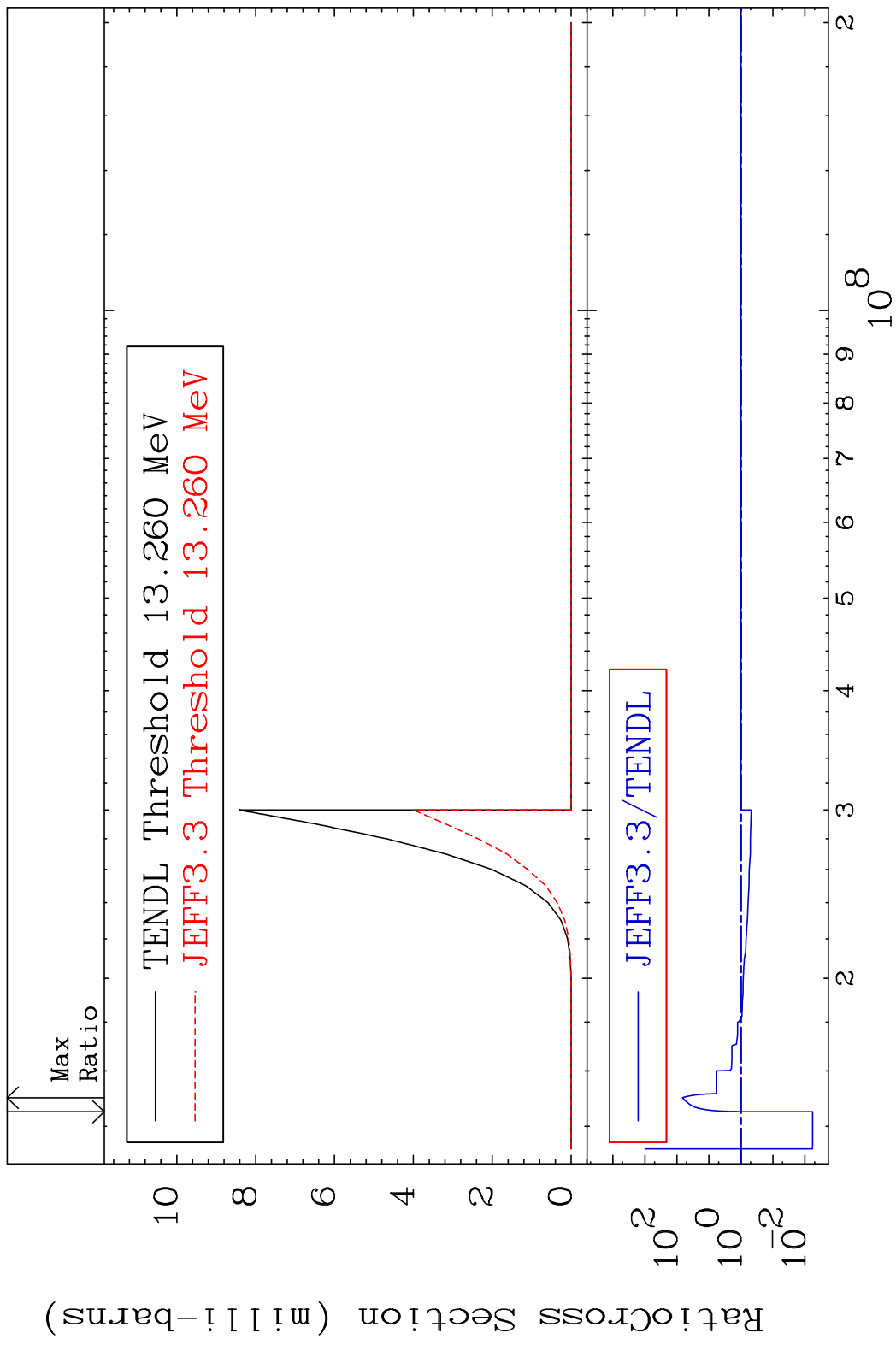
MAT 7531 (n, n') d:74-W -185m6 75-Re-187
 Radionuclide Production Cross Section 241.9 %

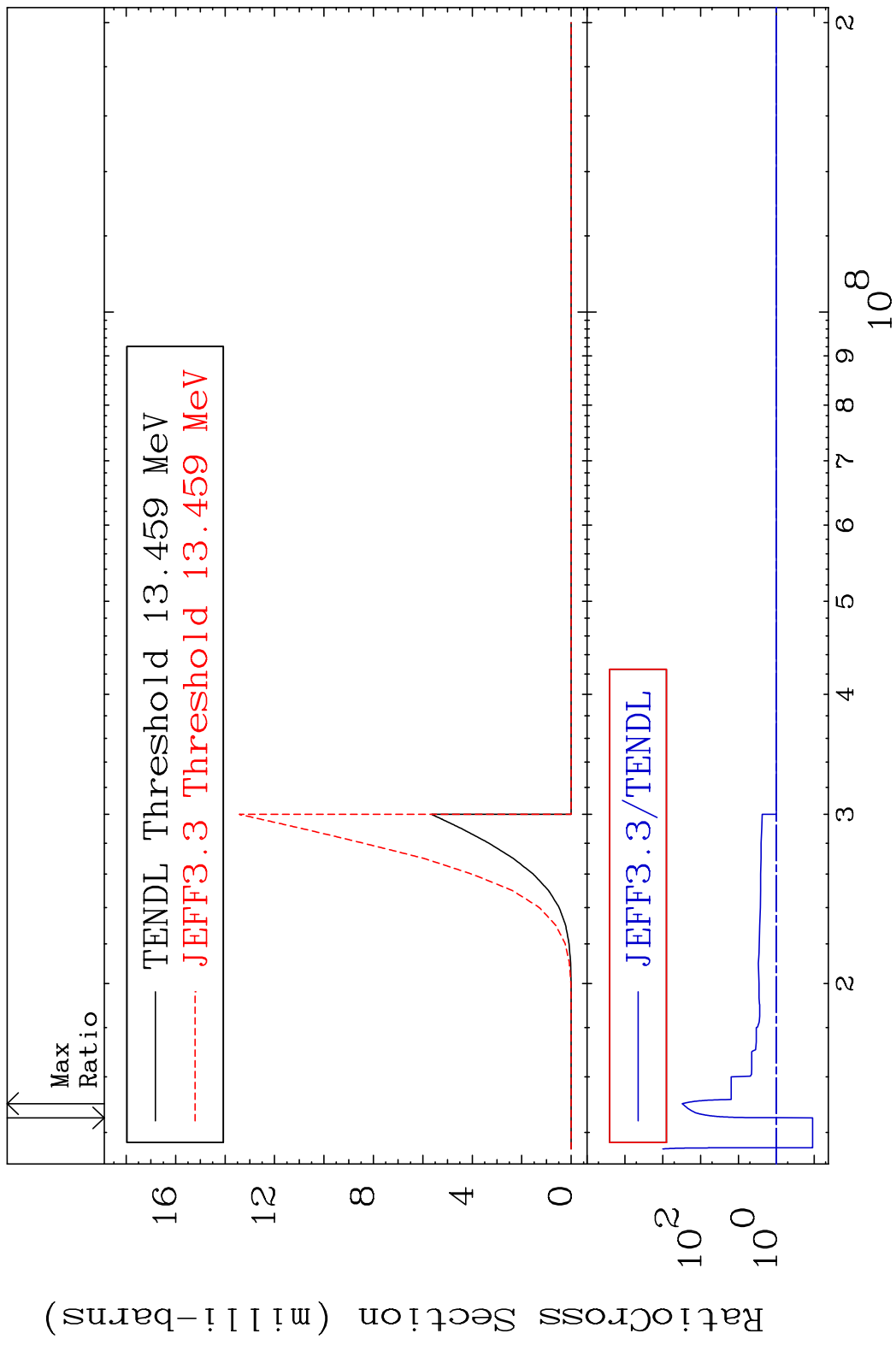


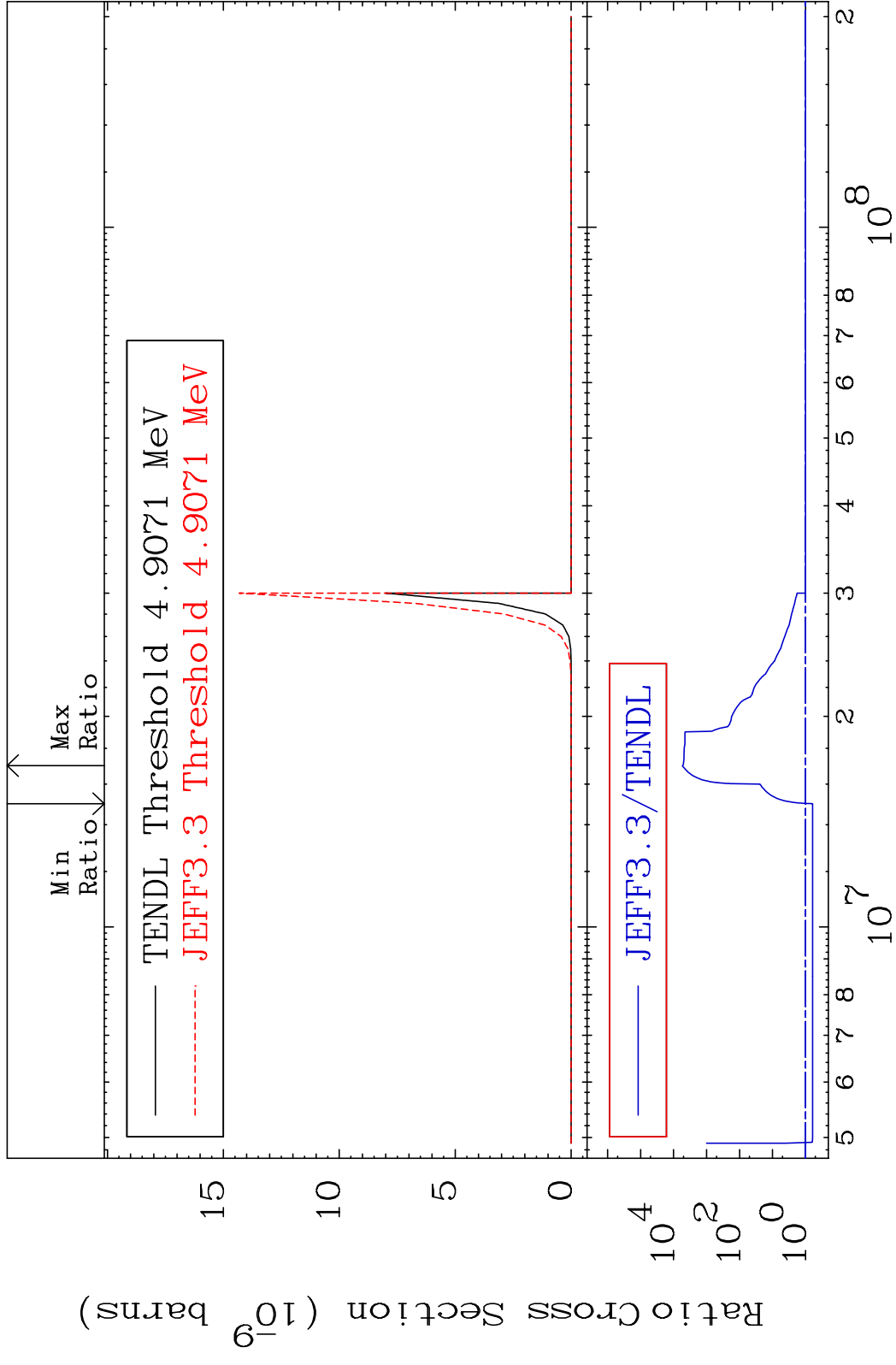
MAT 7531 (n,4n):75-Re-184g 75-Re-187
 Radionuclide Production Cross Section 4260. %

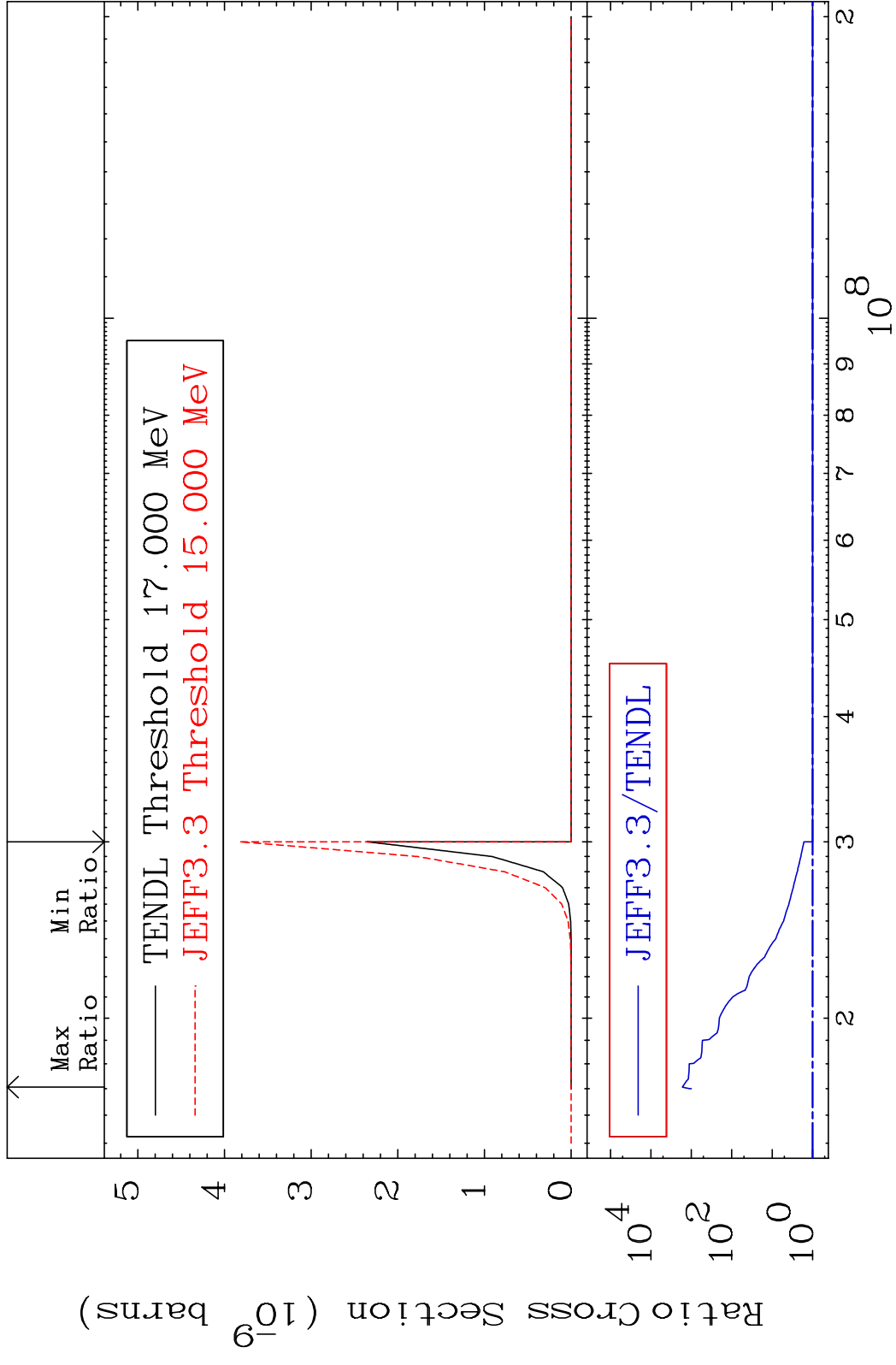


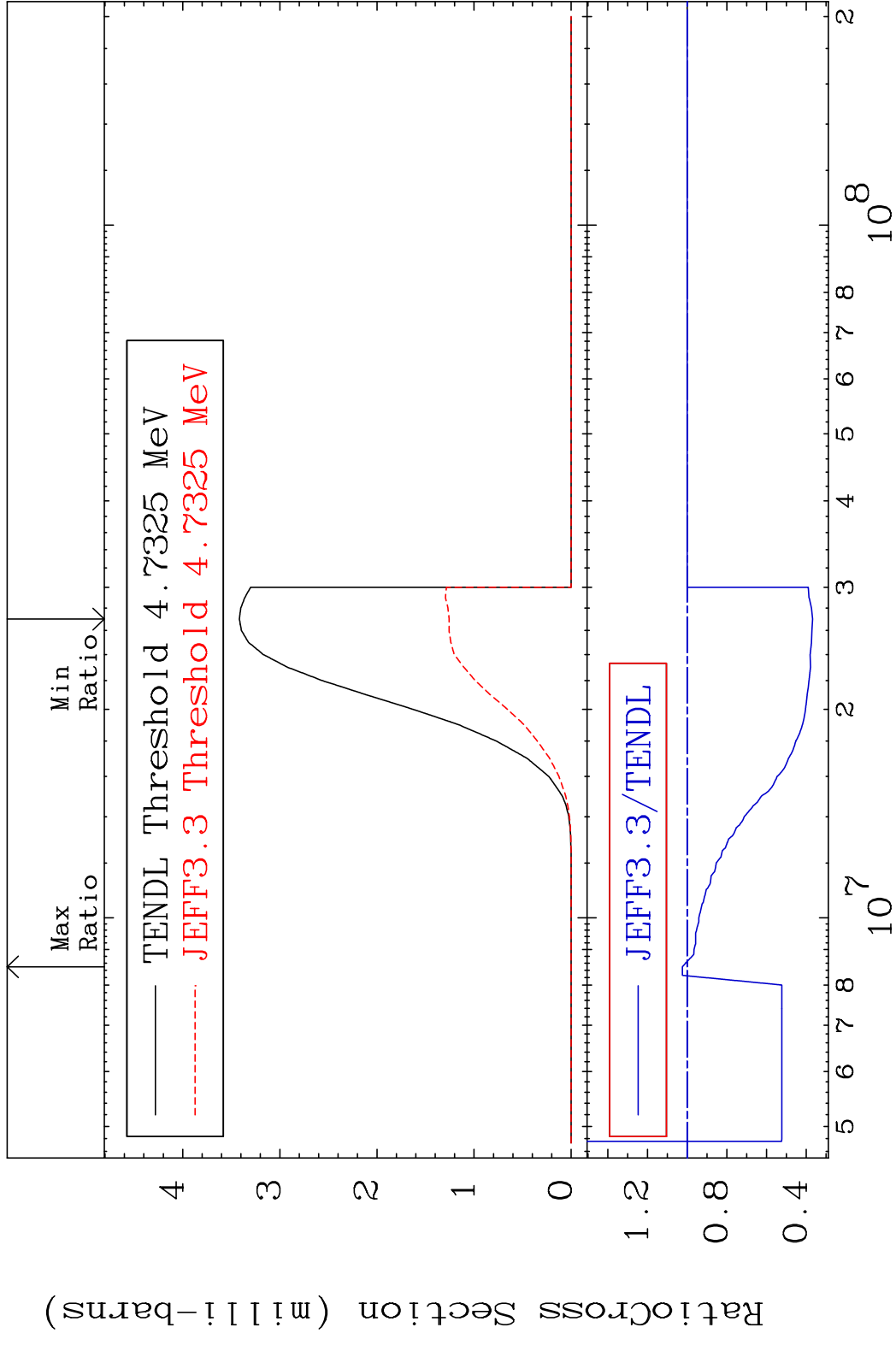












MAT 7531 (n, t):74-W -185m6 75-Re-187
 Radionuclide Production Cross Section 108.1 %

