

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

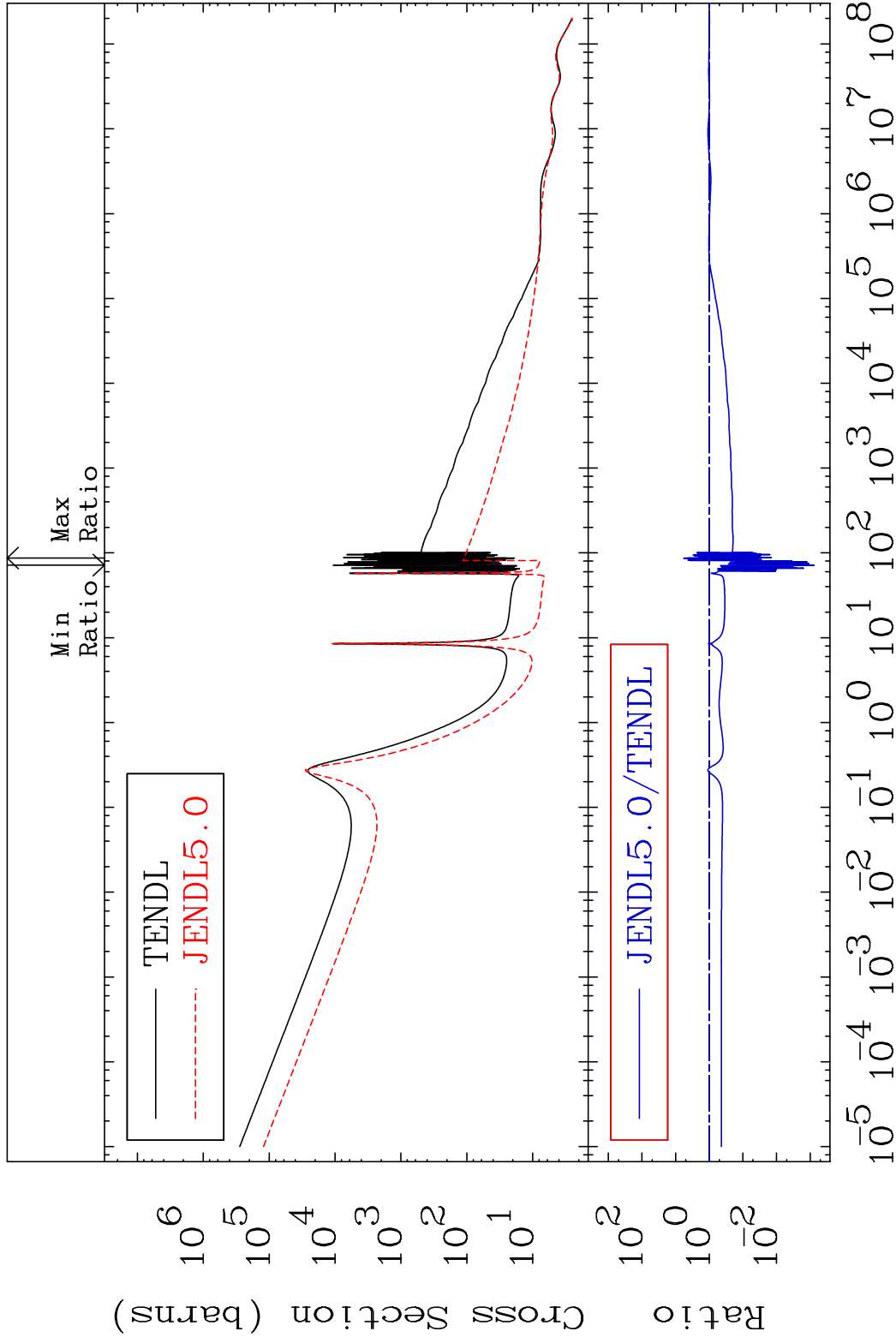
MAT 6729

Total

67-Ho-166m

Cross Section

-99.92 To 476.9 %



1

Incident Energy (eV)

67-Ho-166m

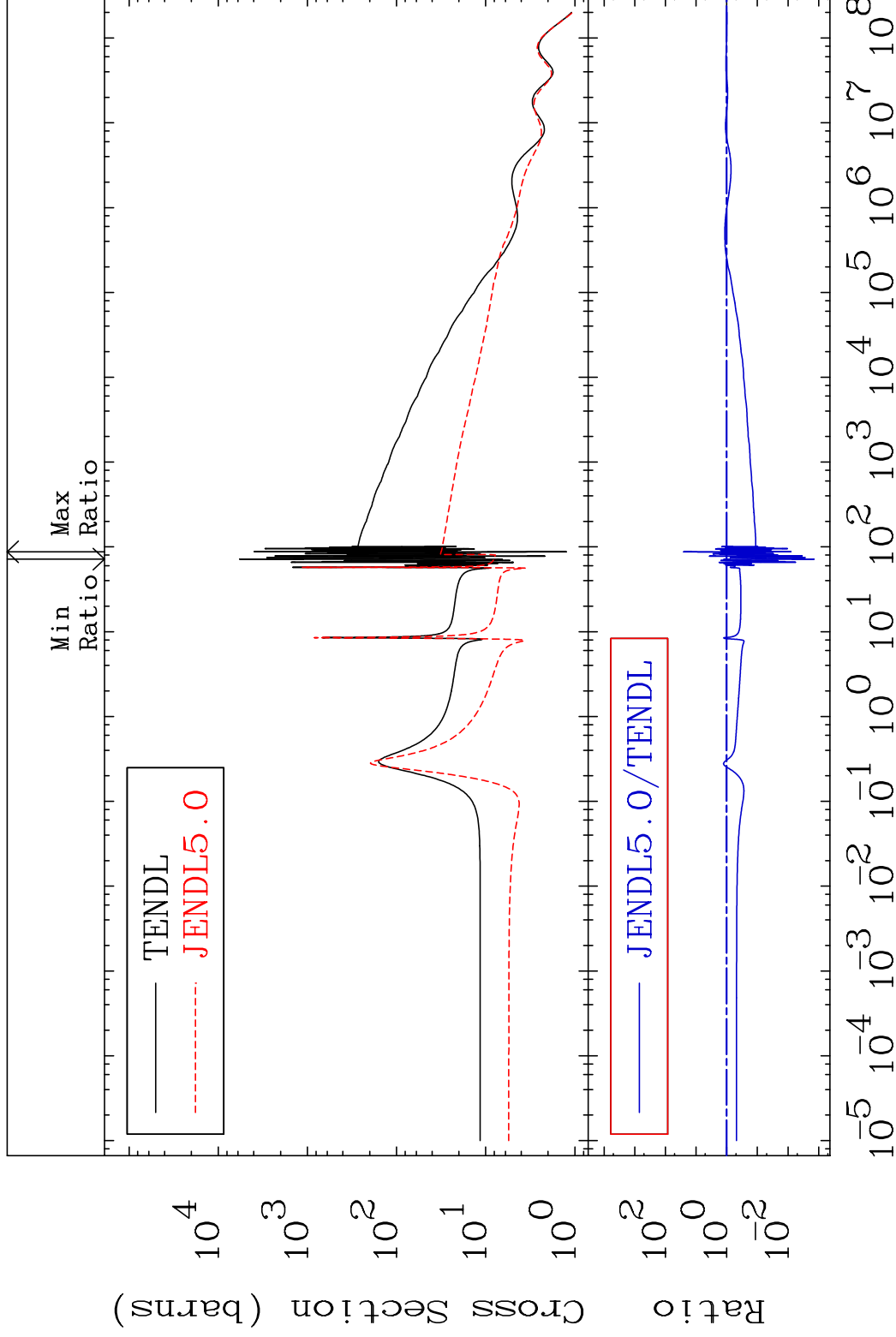
MAT 6729

Elastic

67-Ho-166m

Cross Section

-99.86 To 2434. %



2

Incident Energy (eV)

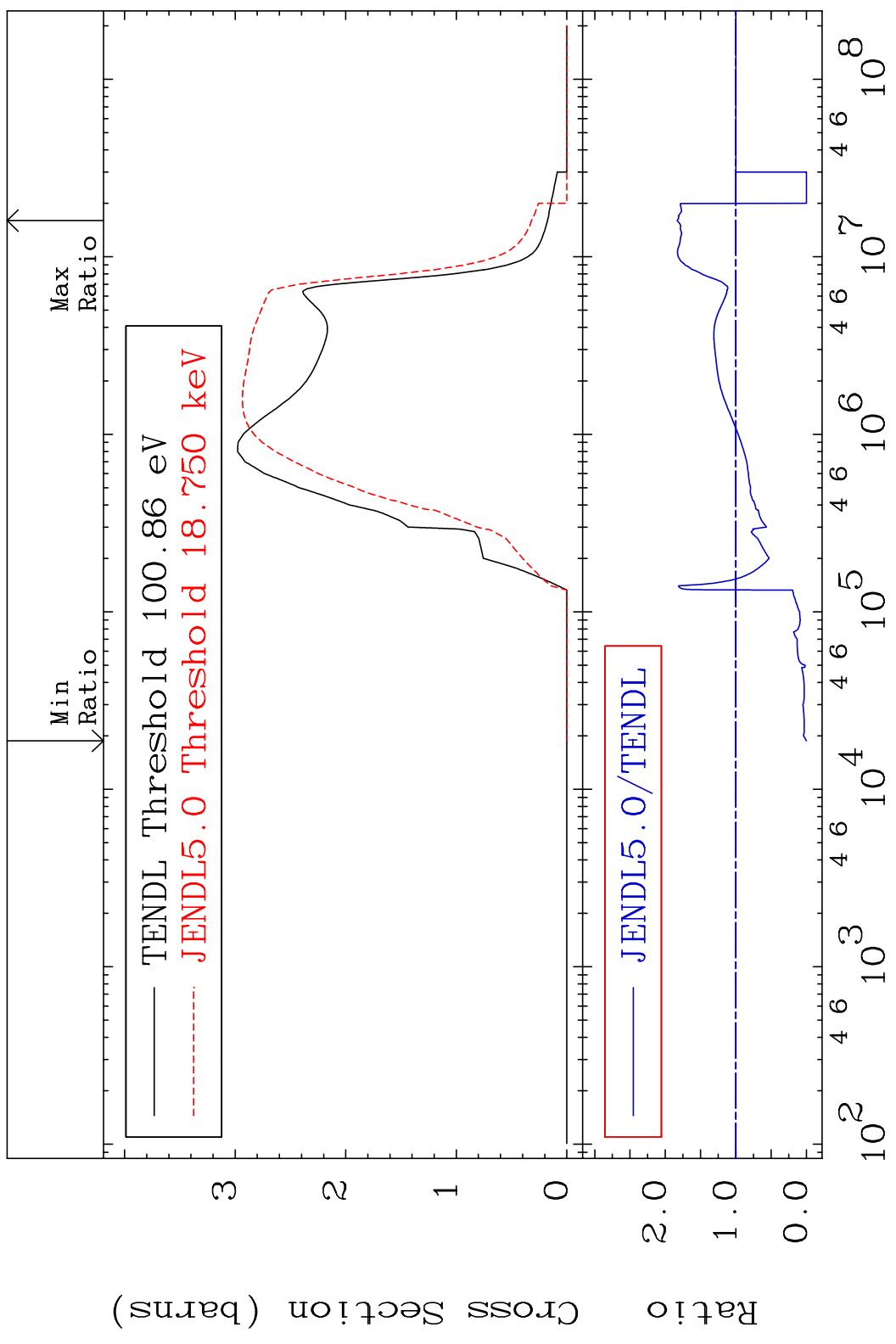
67-Ho-166m

MAT 6729

Inelastic

67-Ho-166m

Cross Section -100.0 To 83.14 %



3 2 1 0 2.0 1.0 0.0 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup> 3 Incident Energy (eV) 67-Ho-166m

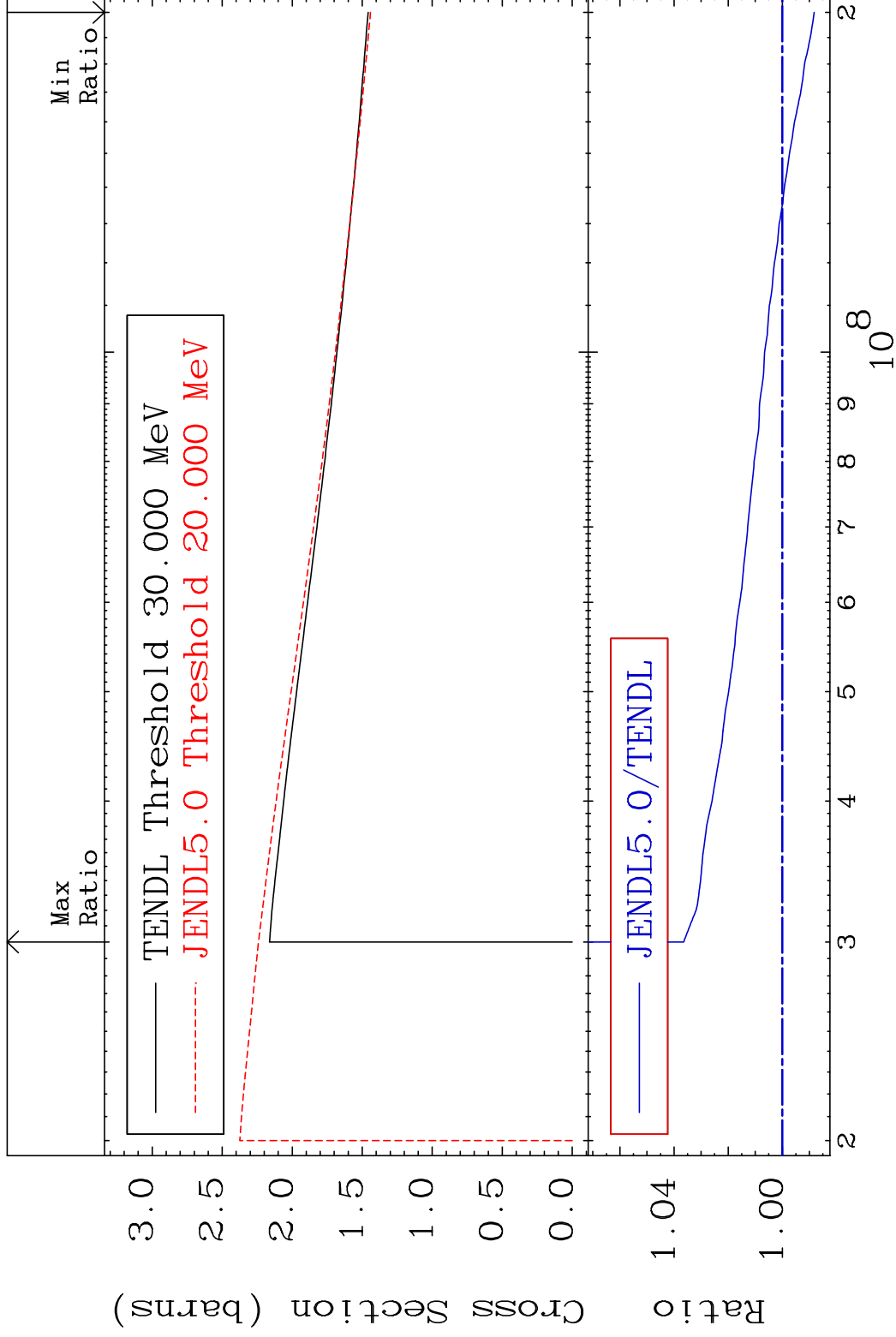
MAT 6729

(n, remainder)

67-Ho-166m

Cross Section

-1.175 To 3.645 %



4

Incident Energy (eV)

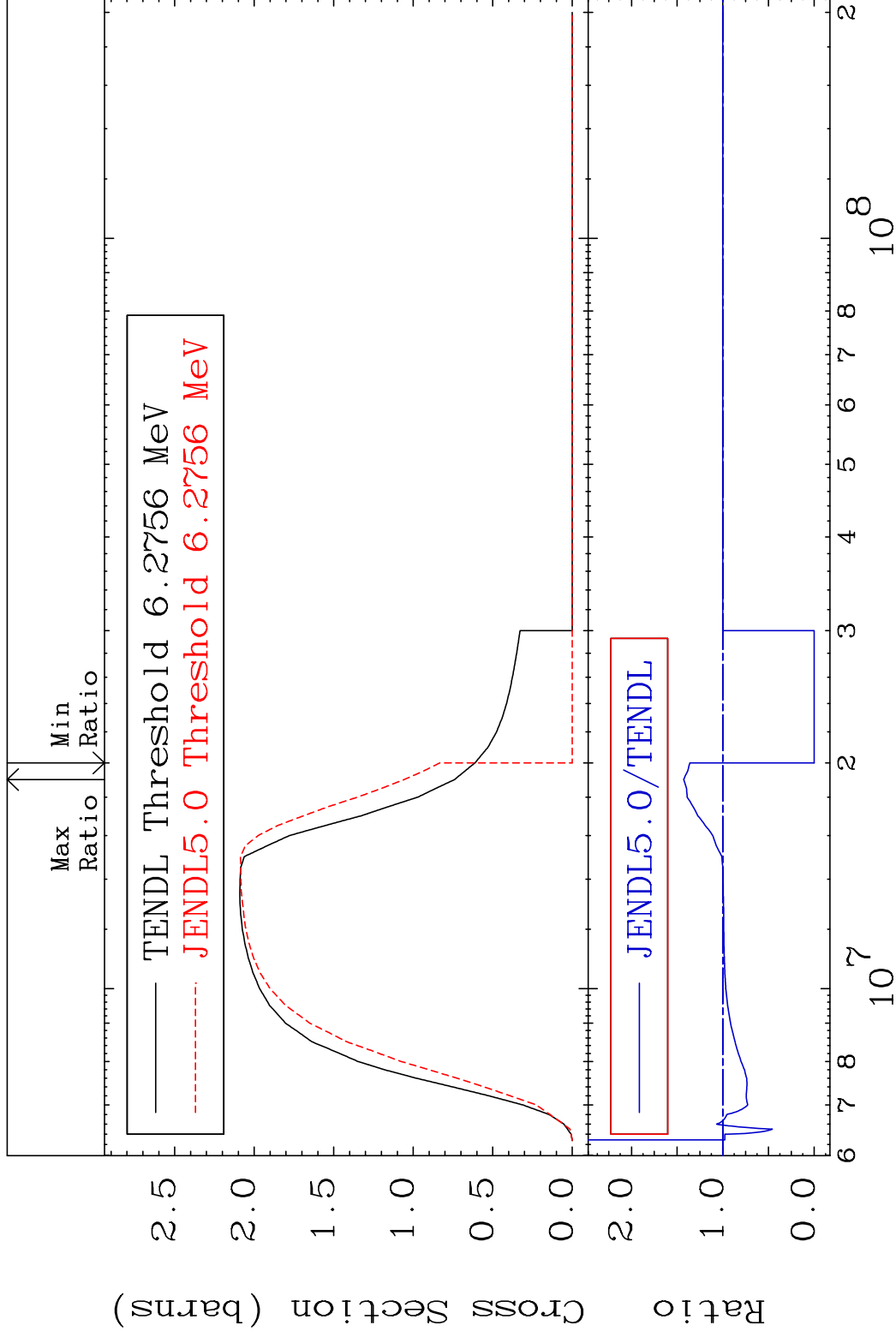
67-Ho-166m

MAT 6729

(n,2n)

67-Ho-166m

Cross Section -100.0 To 42.88 %

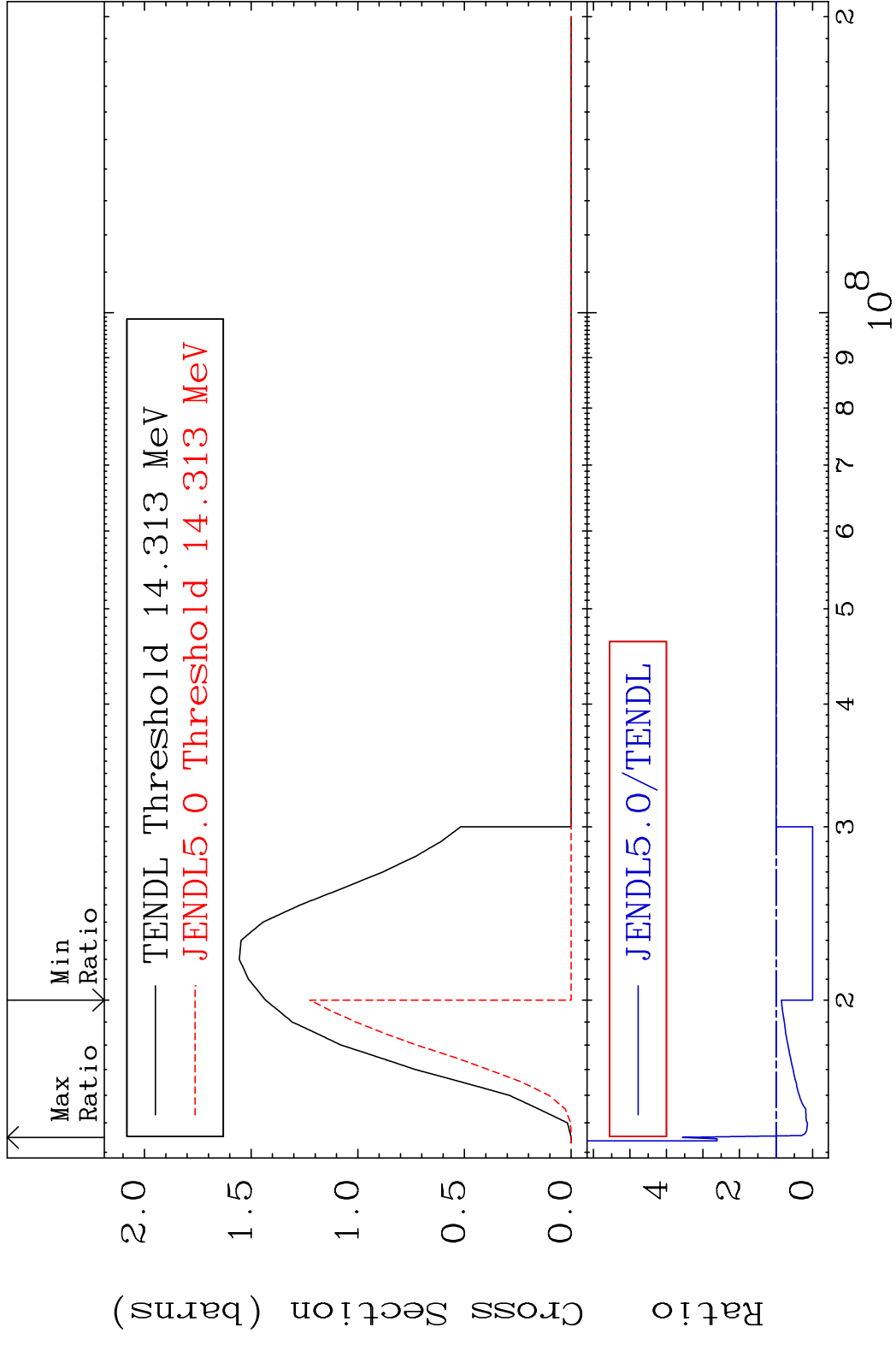


5

Incident Energy (eV)

67-Ho-166m

MAT 6729 (n,3n) 67-Ho-166m  
 Cross Section -100.0 To 256.5 %

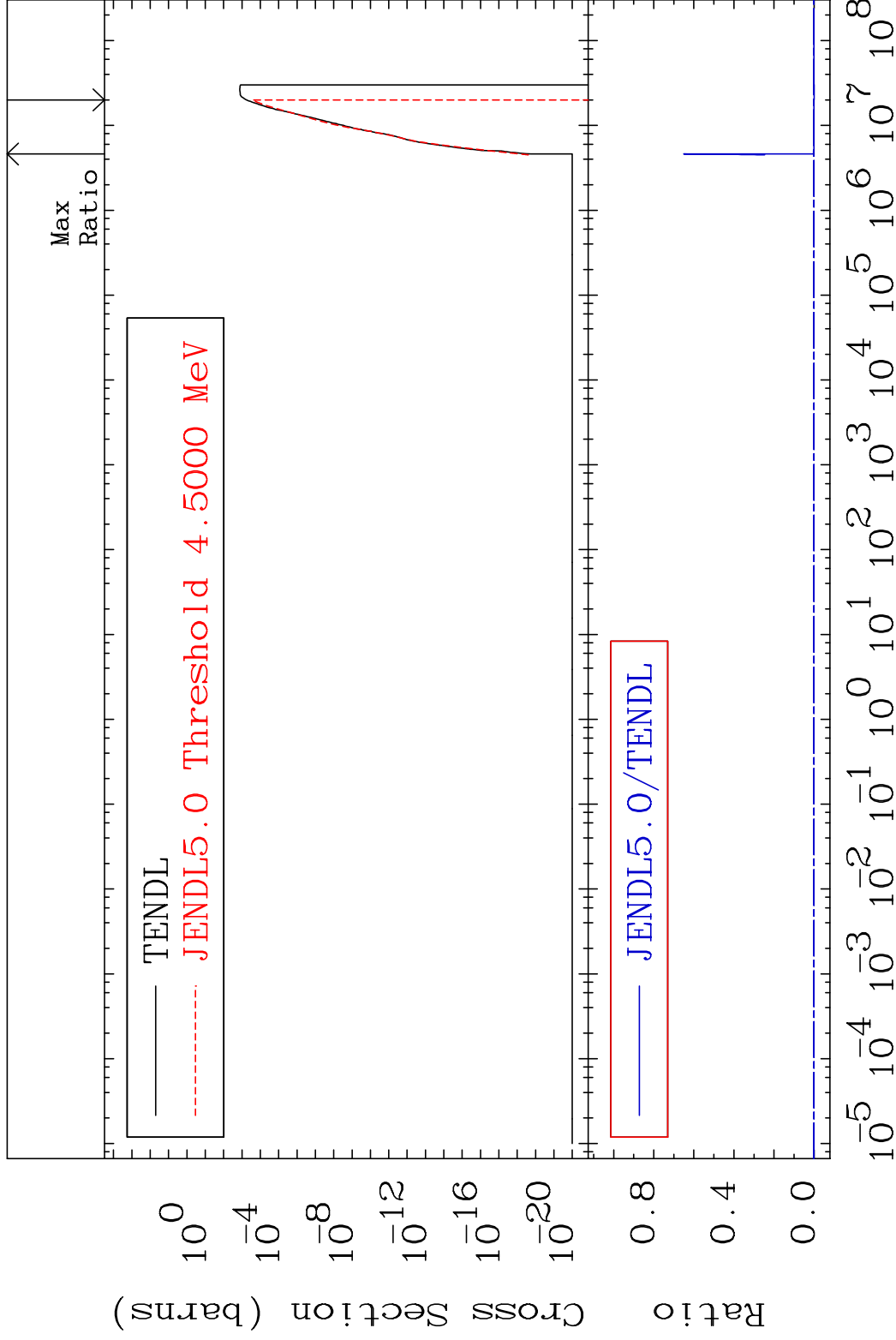


MAT 6729

(n, n')  $\alpha$

67-Ho-166m

Cross Section -100.0 To 9999. %



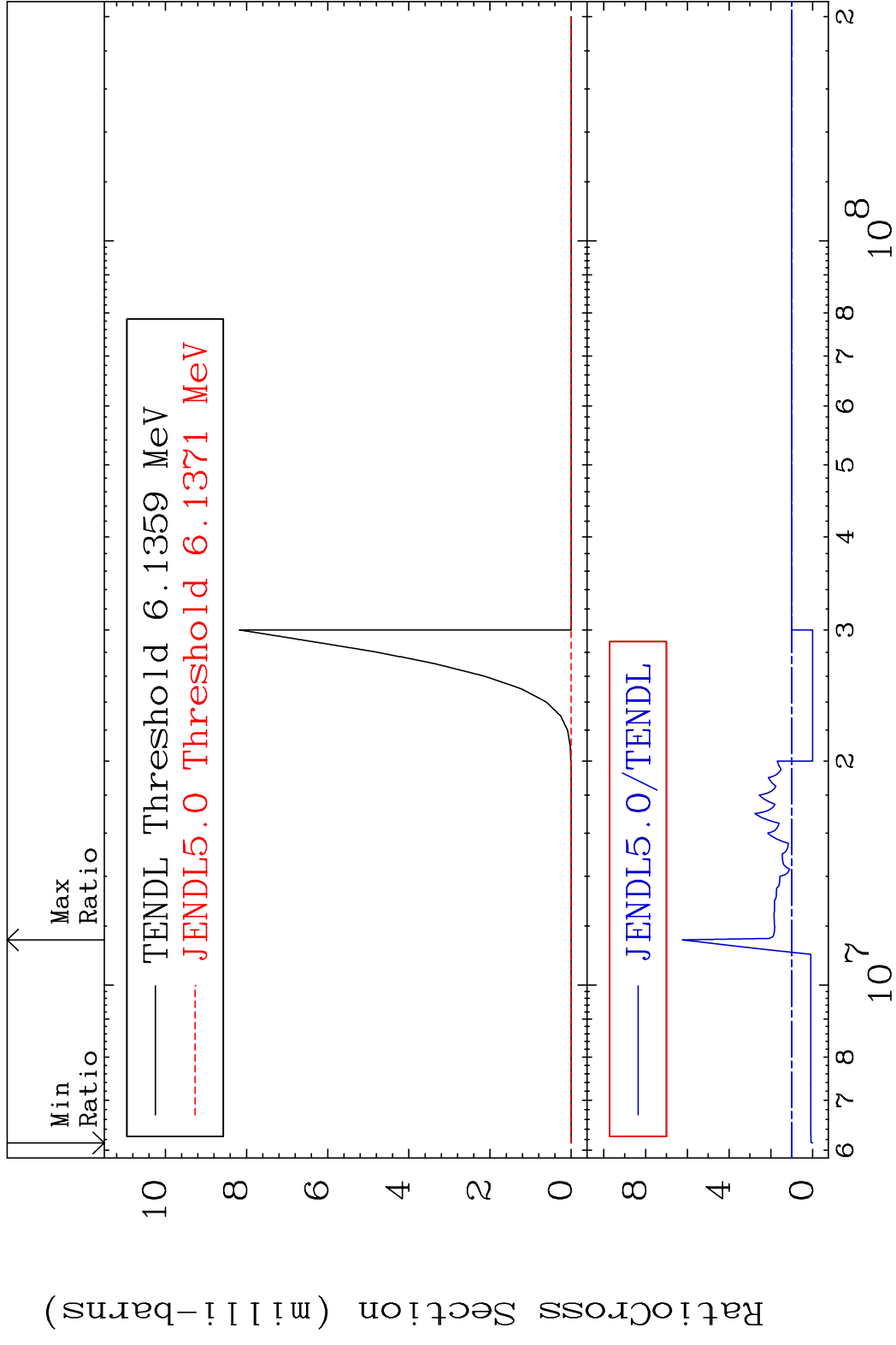
7

Incident Energy (eV)

67-Ho-166m

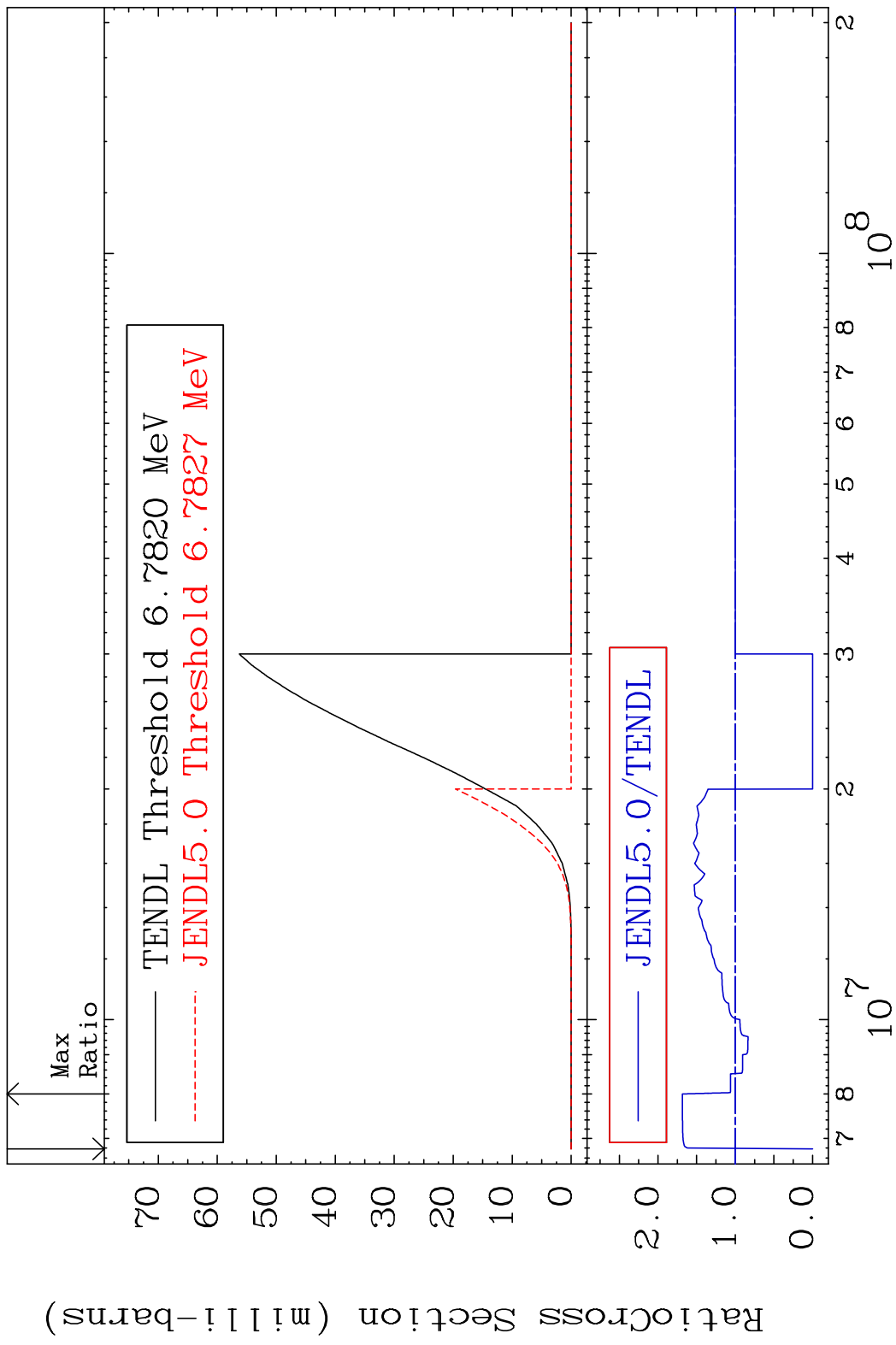


MAT 6729 (n,2n)  $\alpha$  67-Ho-166m  
 Cross Section -100.0 To 523.8 %



8 8 67-Ho-166m

MAT 6729 (n, n') p 67-Ho-166m  
 Cross Section -100.0 To 68.48 %

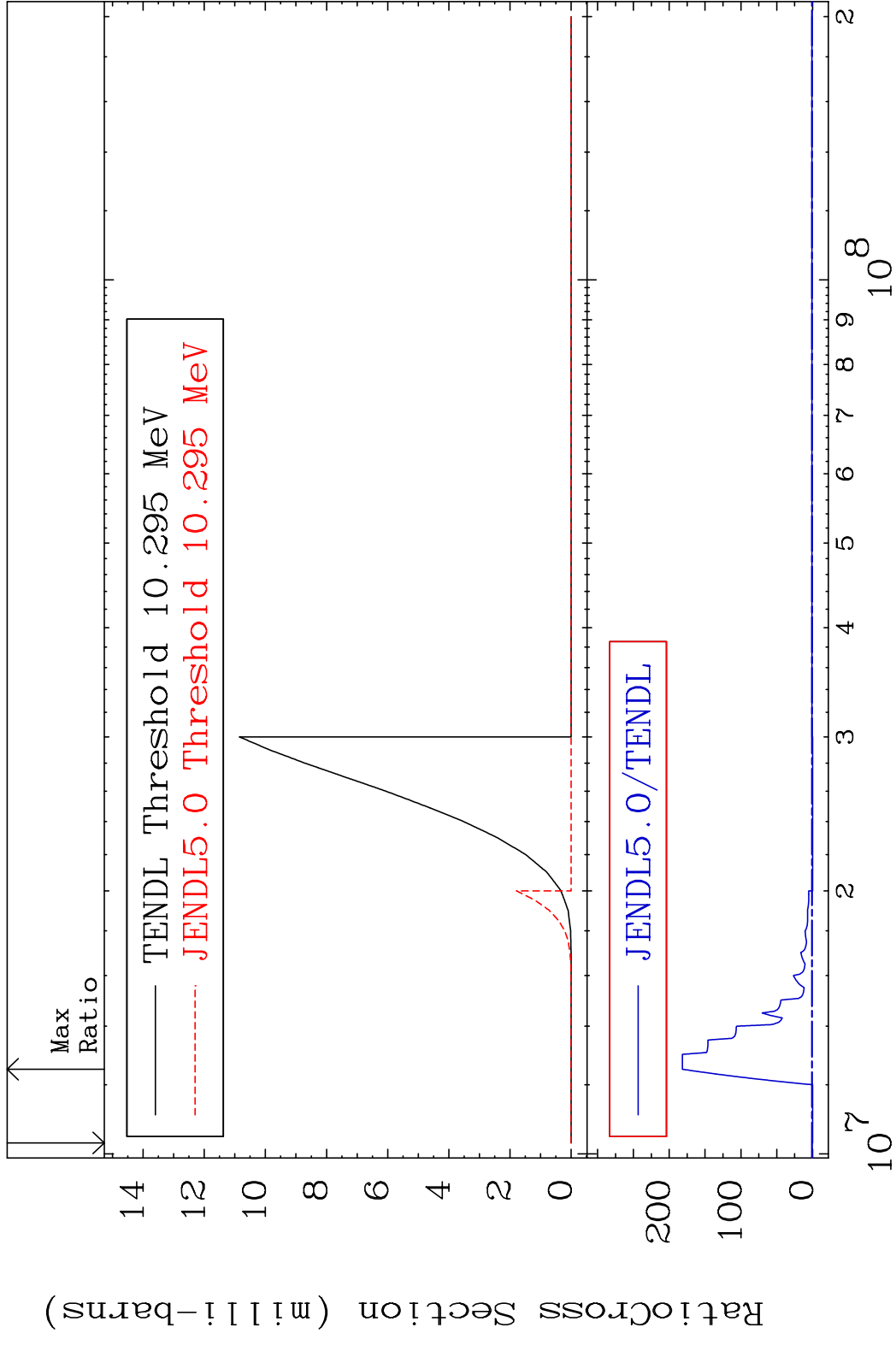


MAT 6729

(n, n') d

67-Ho-166m

Cross Section -100.0 To 9999. %

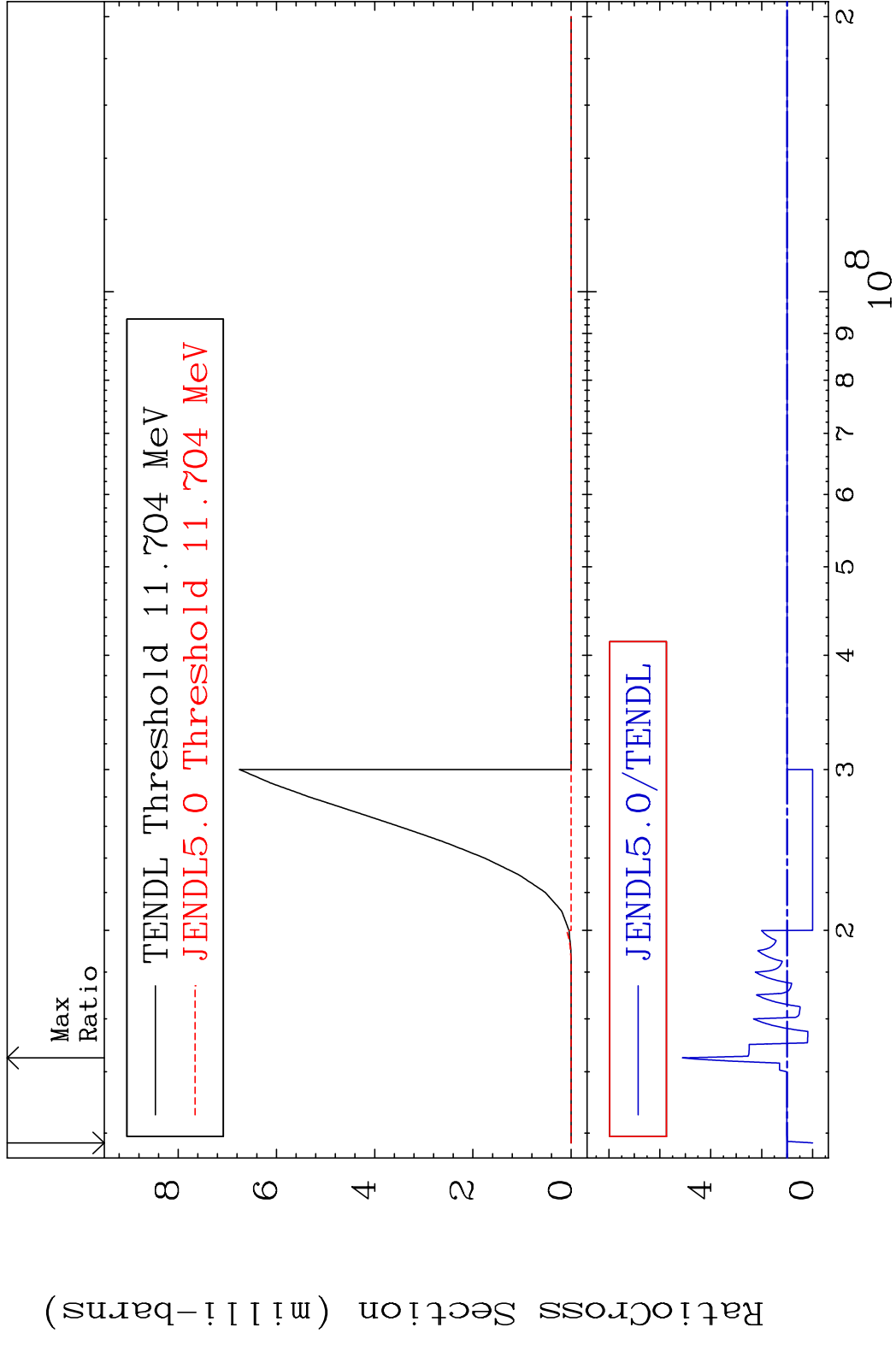


10

Incident Energy (eV)

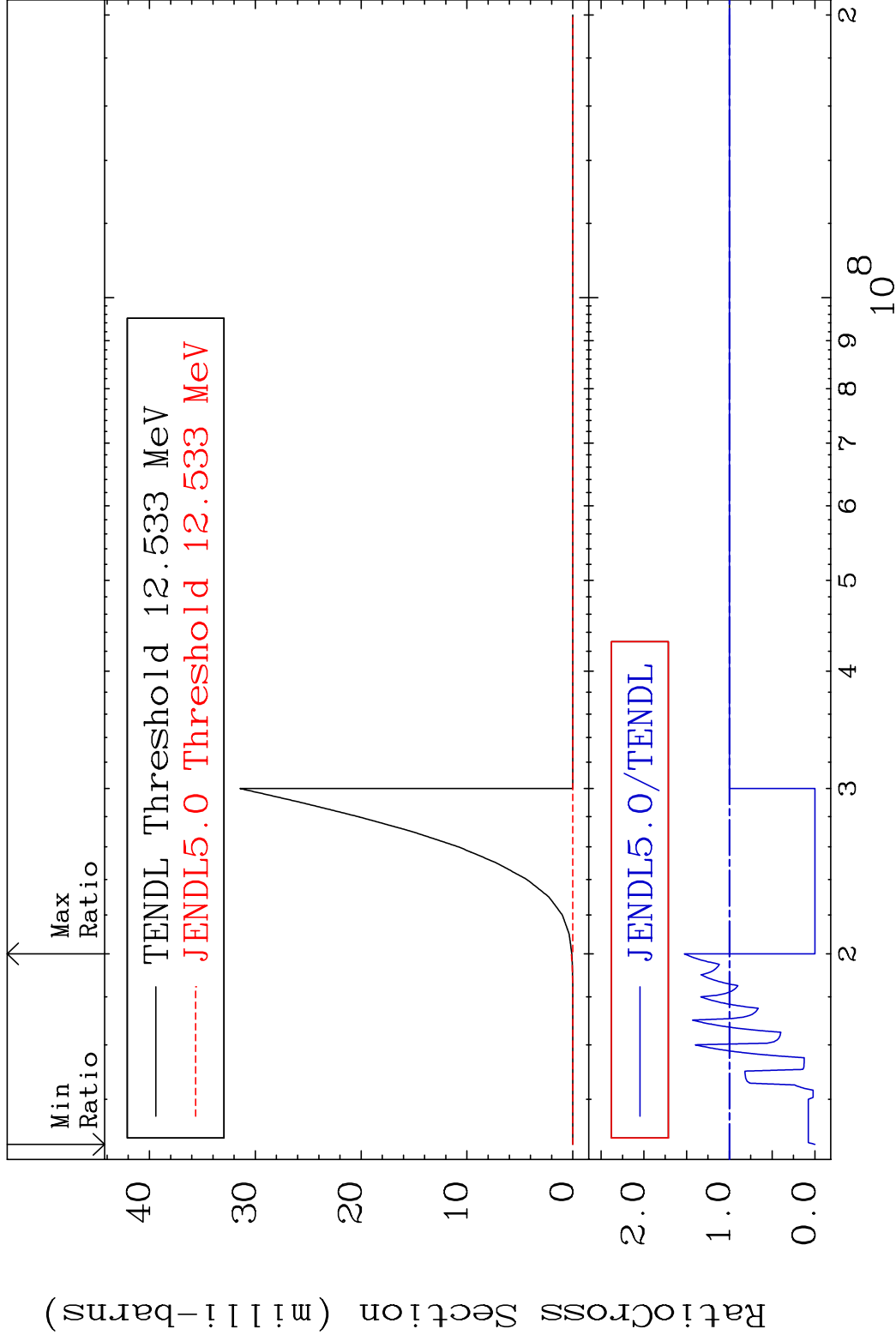
67-Ho-166m

MAT 6729 (n, n') t 67-Ho-166m  
 Cross Section -100.0 To 411.5 %

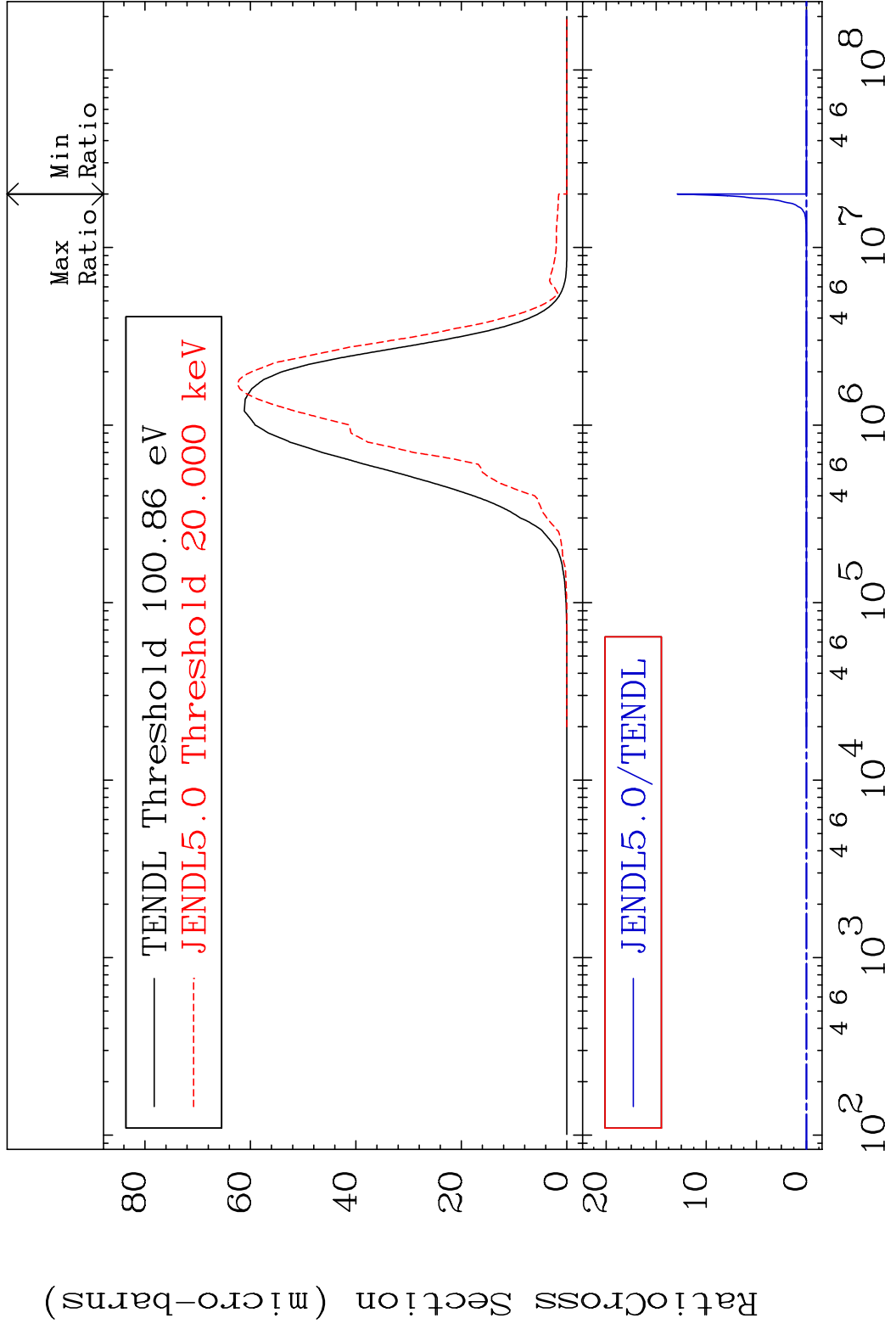


MAT 6729

(n,2n) p 67-Ho-166m  
Cross Section -100.0 To 52.70 %

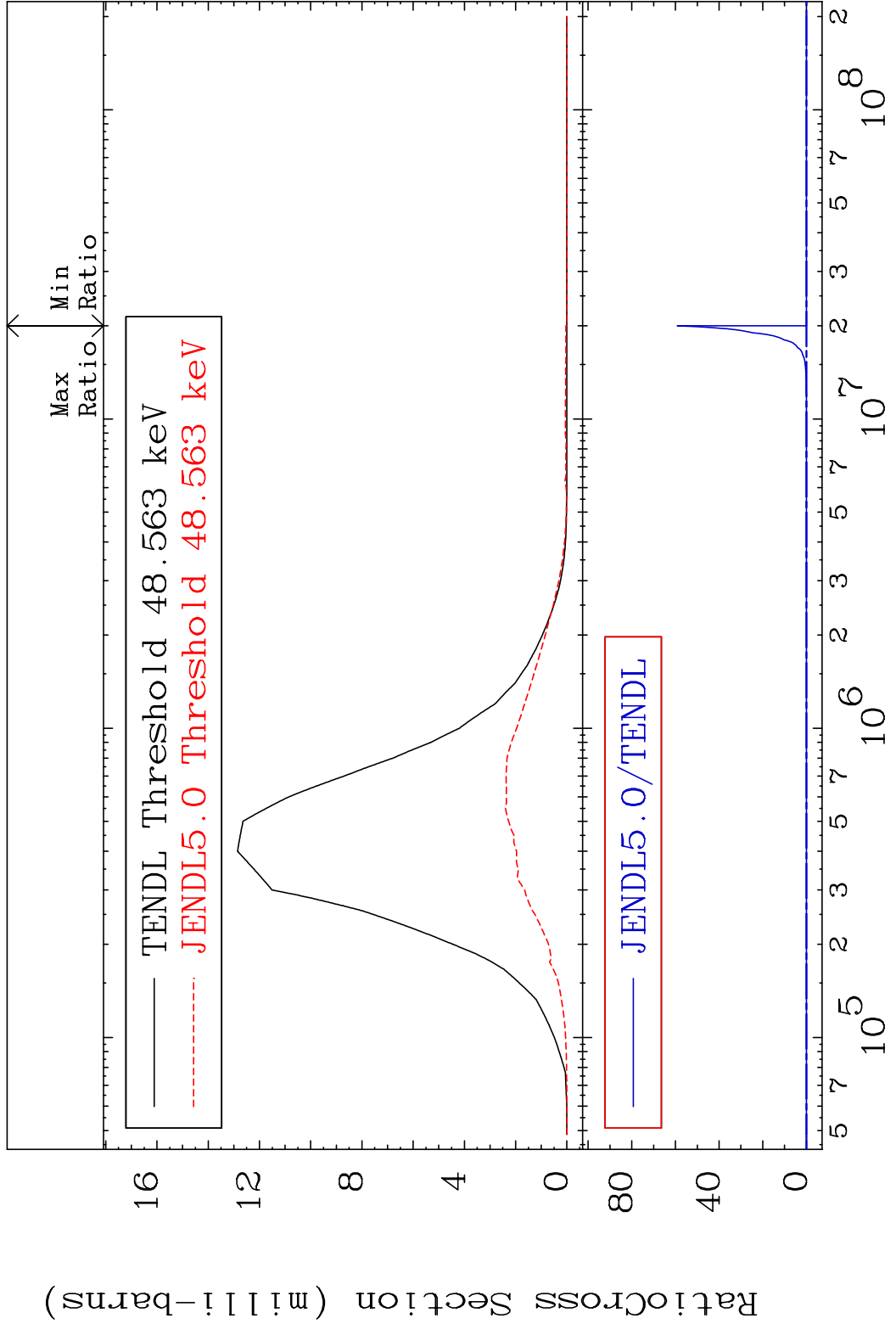


MAT 6729 MT= 51 (n,n') Level 67-Ho-166m  
 Cross Section -100.0 To 9999. %



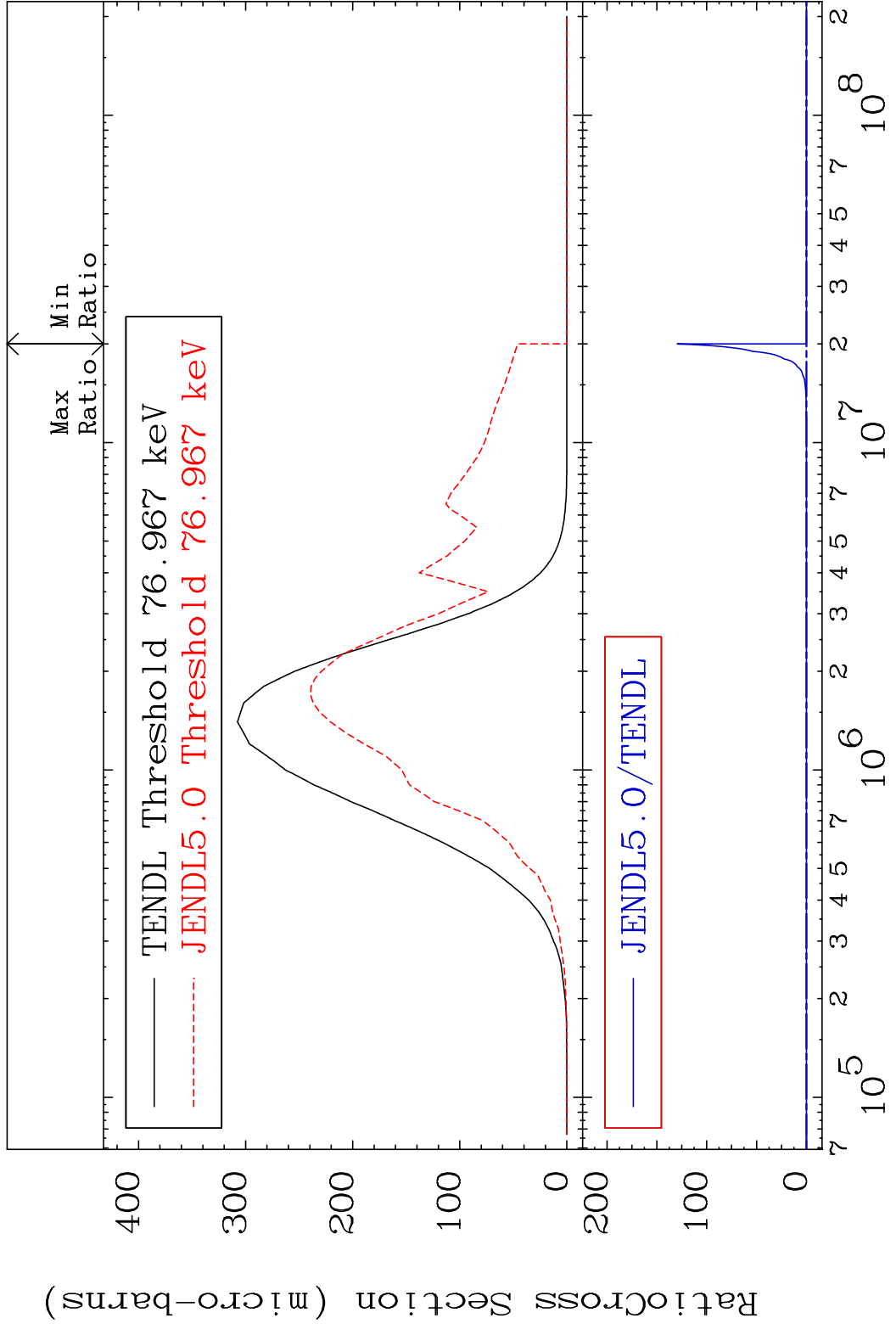
13 Incident Energy (eV) 67-Ho-166m

MAT 6729 MT= 52 (n,n') Level 67-Ho-166m  
 Cross Section -100.0 To 9999. %



14 Incident Energy (eV) 67-Ho-166m

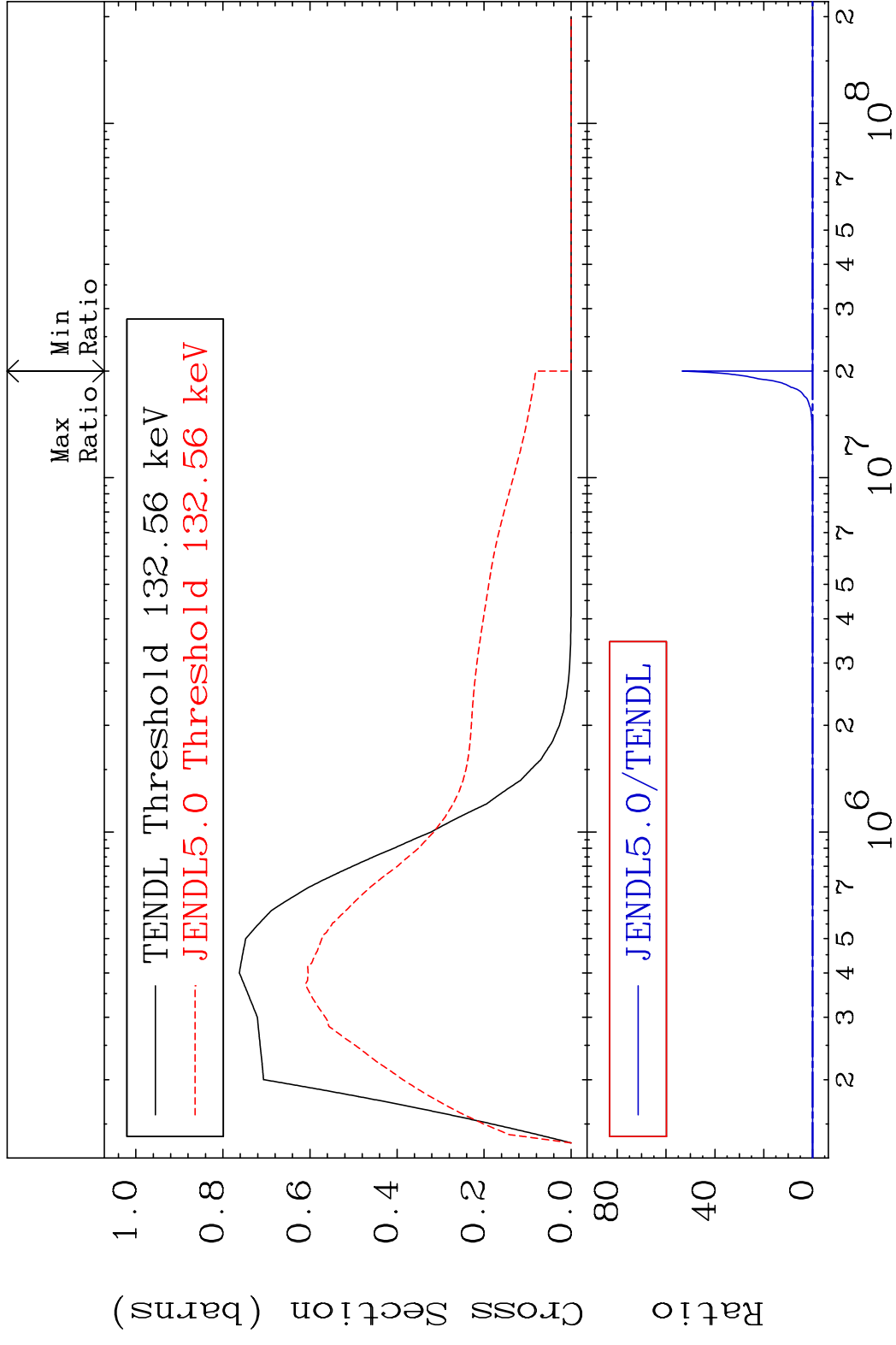
MAT 6729 MT= 53 (n, n') Level 67-Ho-166m  
 Cross Section -100.0 To 9999. %



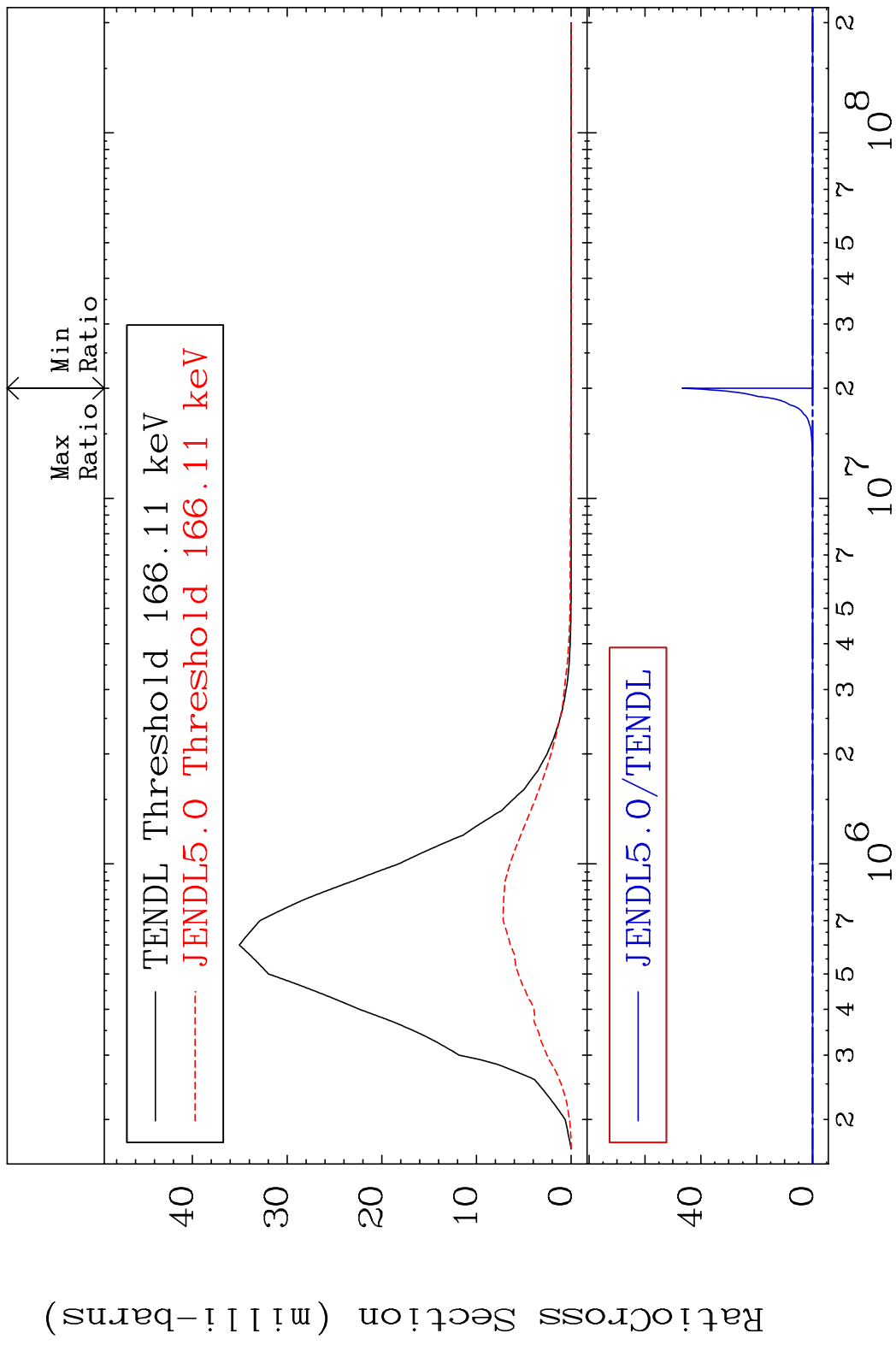
15 67-Ho-166m



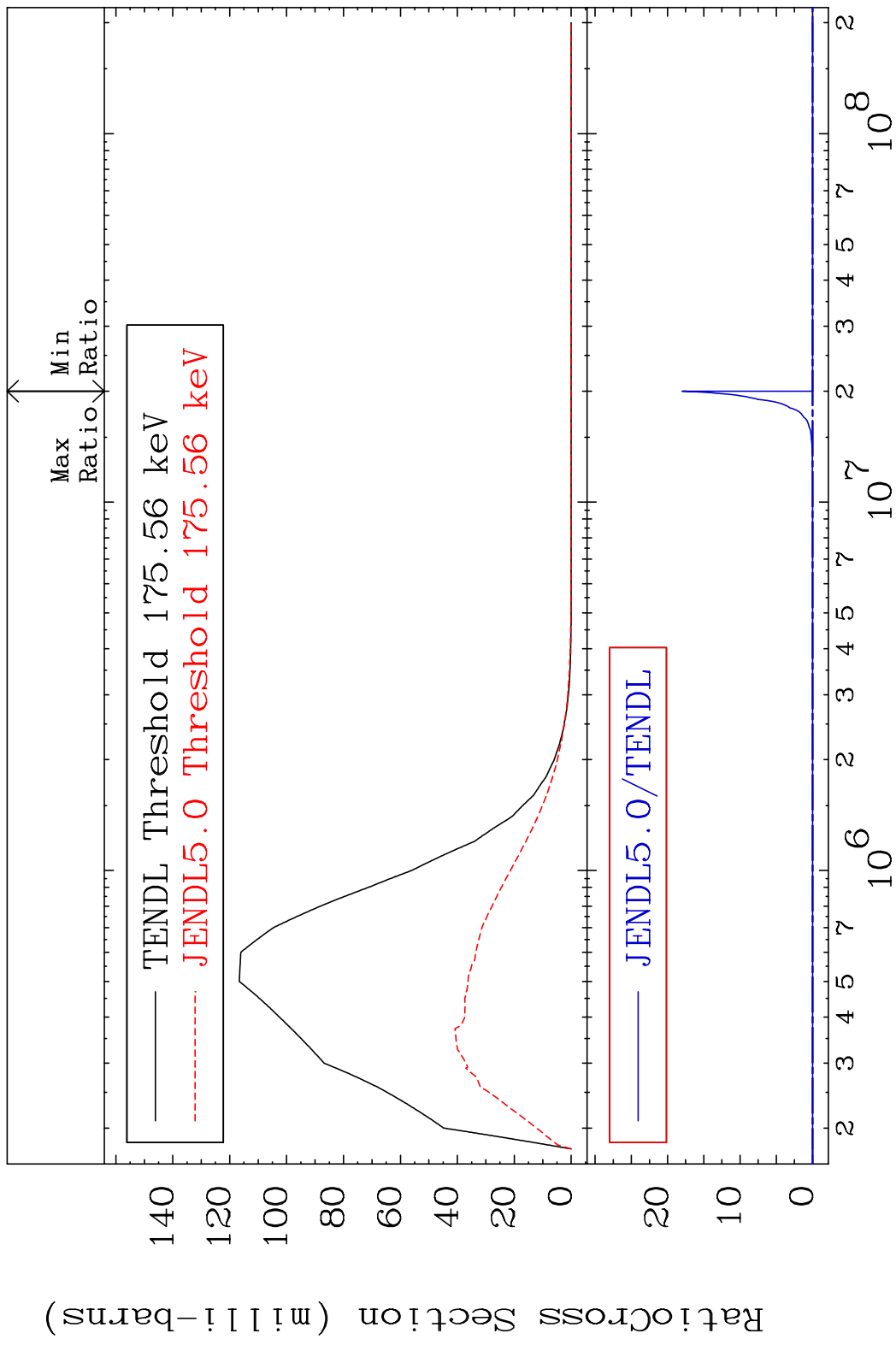
MAT 6729 MT= 54 (n, n') Level 67-Ho-166m  
 Cross Section -100.0 To 9999. %



MAT 6729 MT= 55 (n,n') Level 67-Ho-166m  
 Cross Section -100.0 To 9999. %

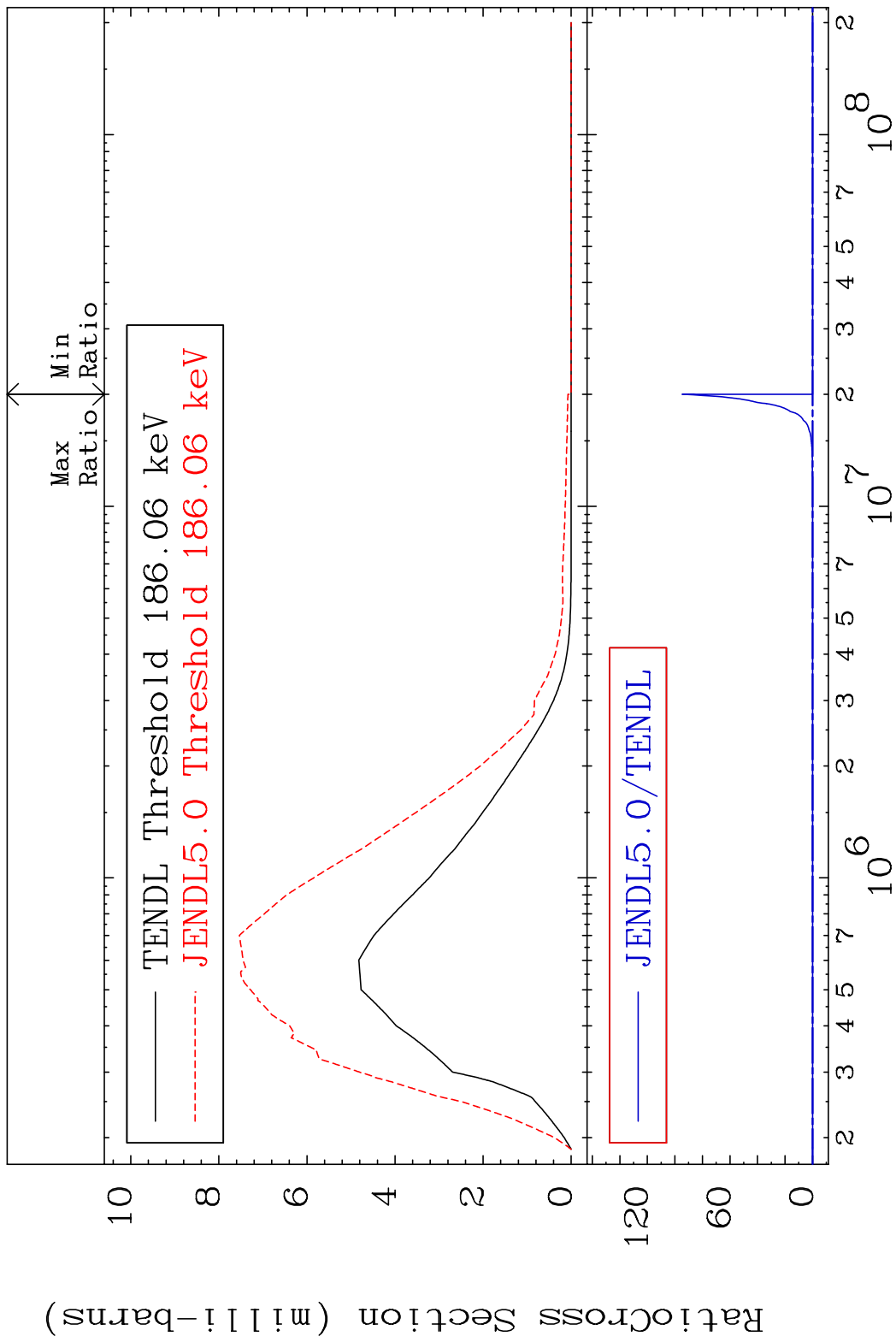


MAT 6729 MT= 56 (n,n') Level 67-Ho-166m  
 Cross Section -100.0 To 9999. %

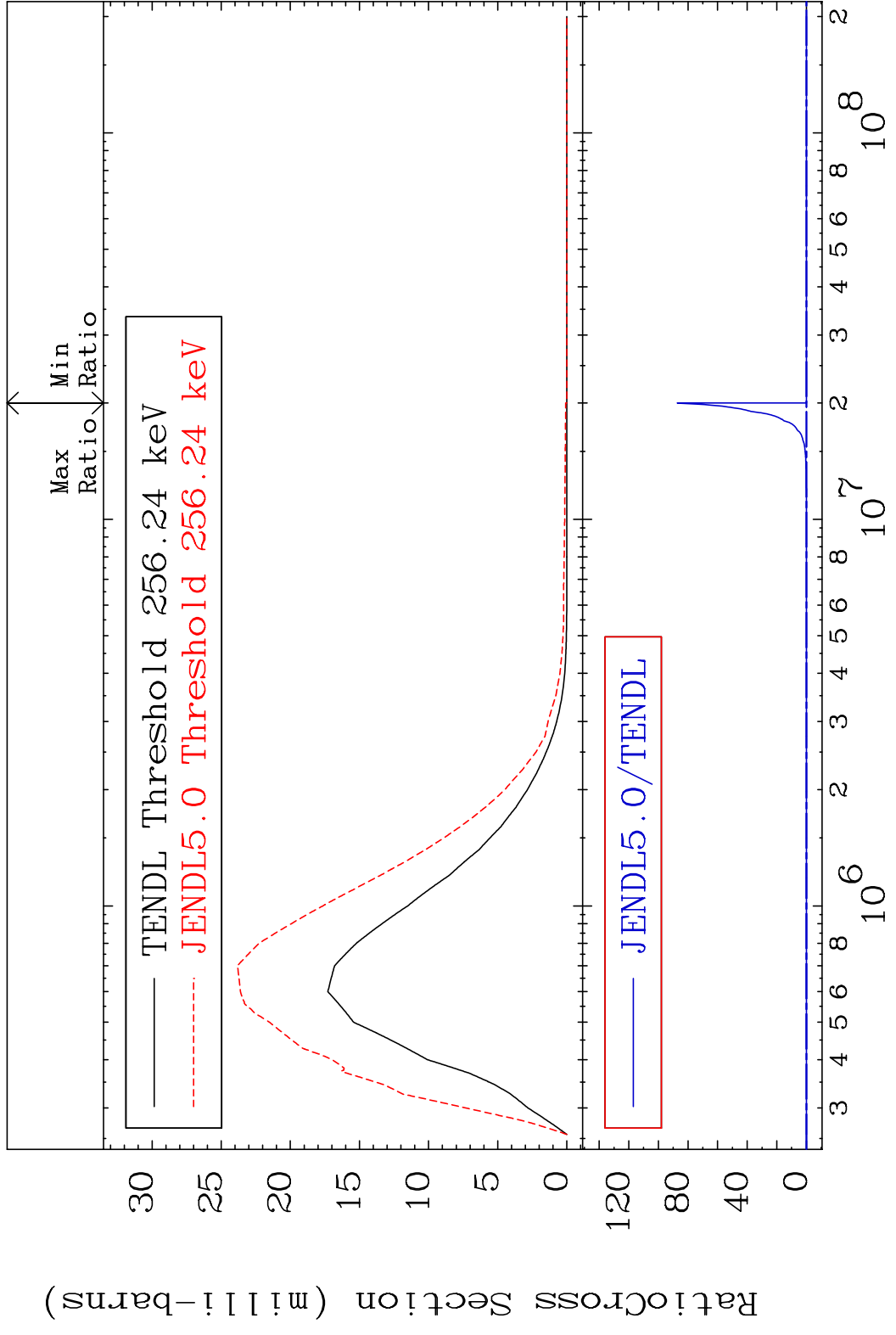


18 Incident Energy (eV) 67-Ho-166m

MAT 6729 MT= 57 (n,n') Level 67-Ho-166m  
 Cross Section -100.0 To 9999. %

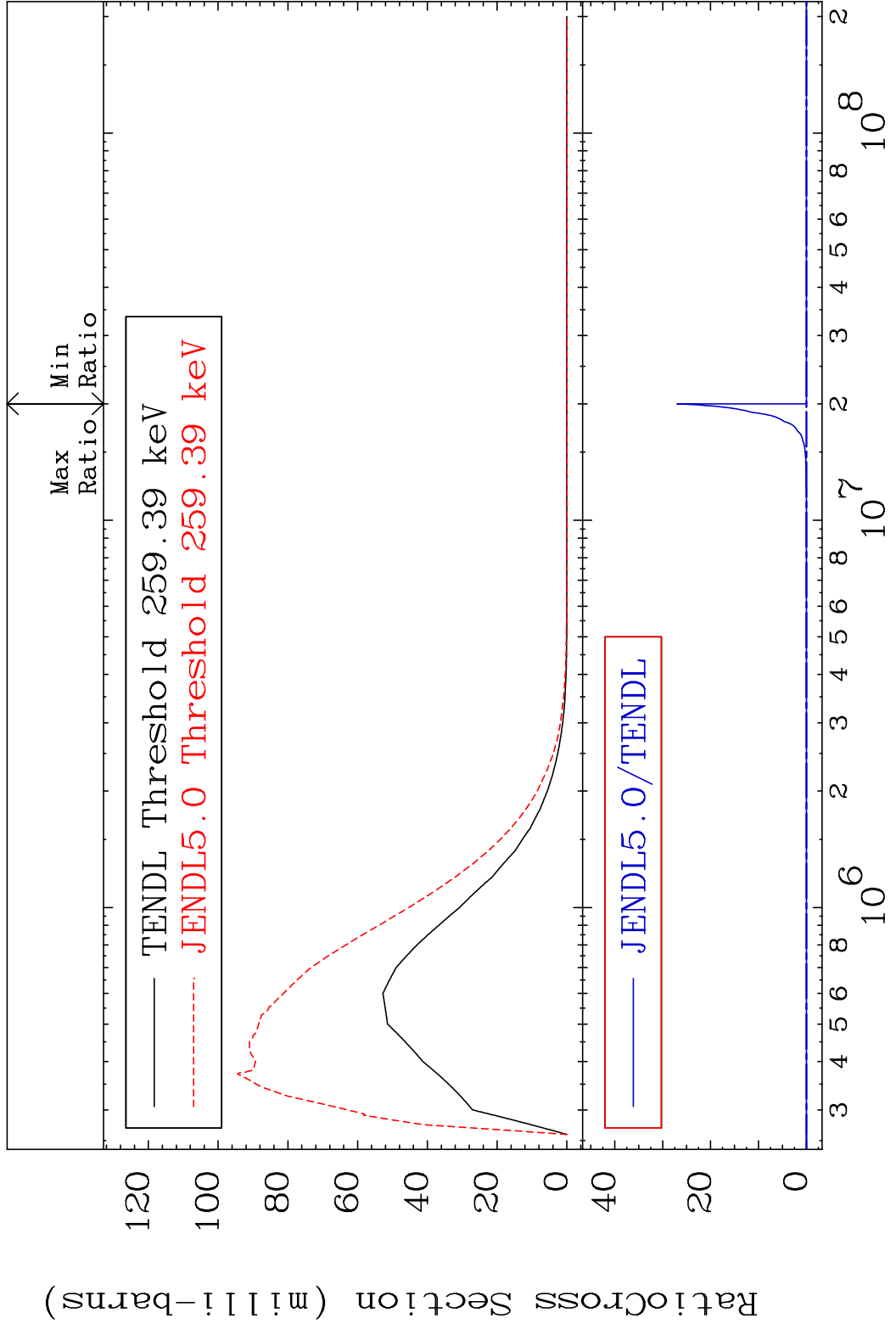


MAT 6729 MT= 58 (n,n') Level 67-Ho-166m  
 Cross Section -100.0 To 9999. %

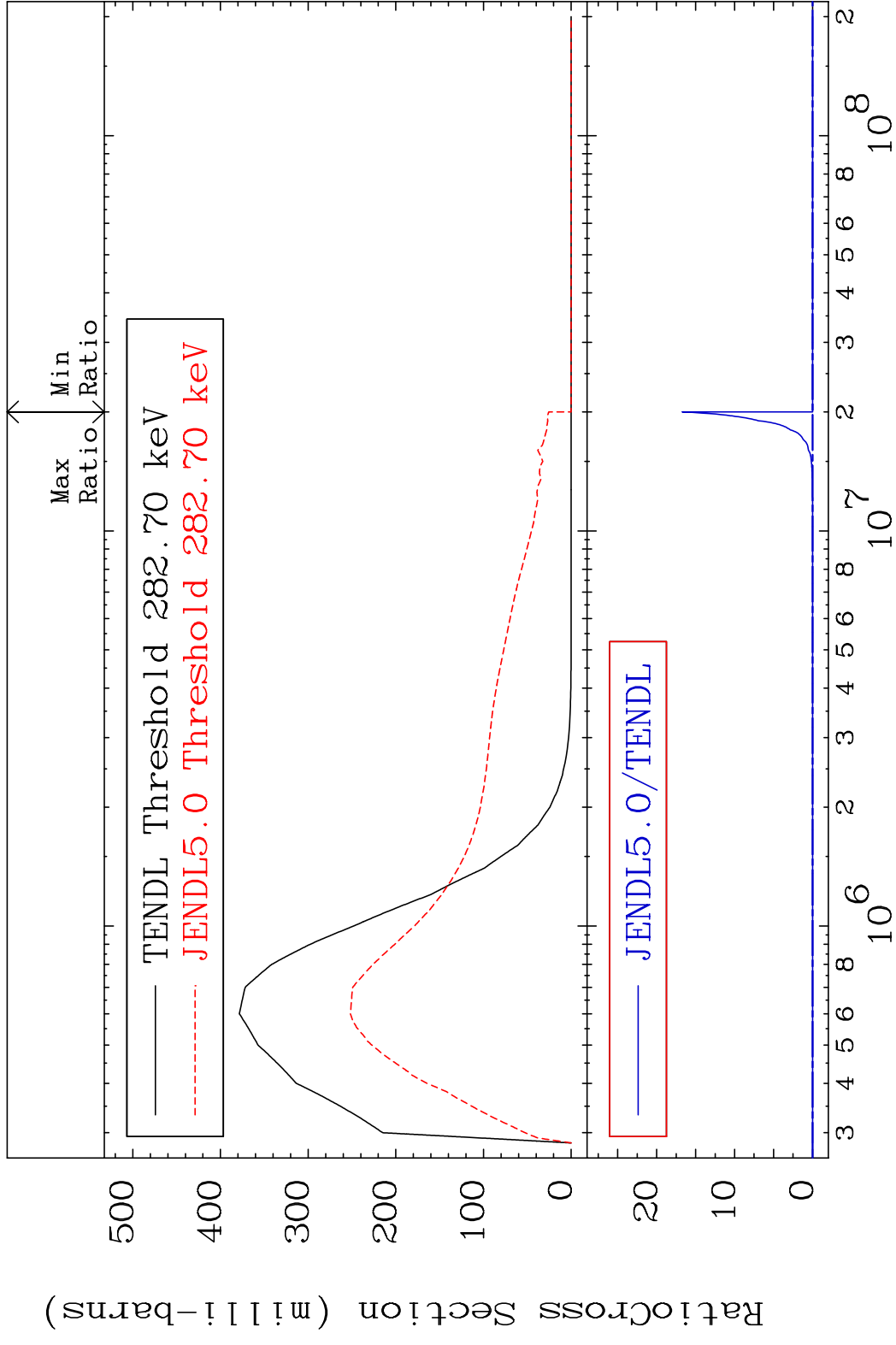


20 Incident Energy (eV) 67-Ho-166m

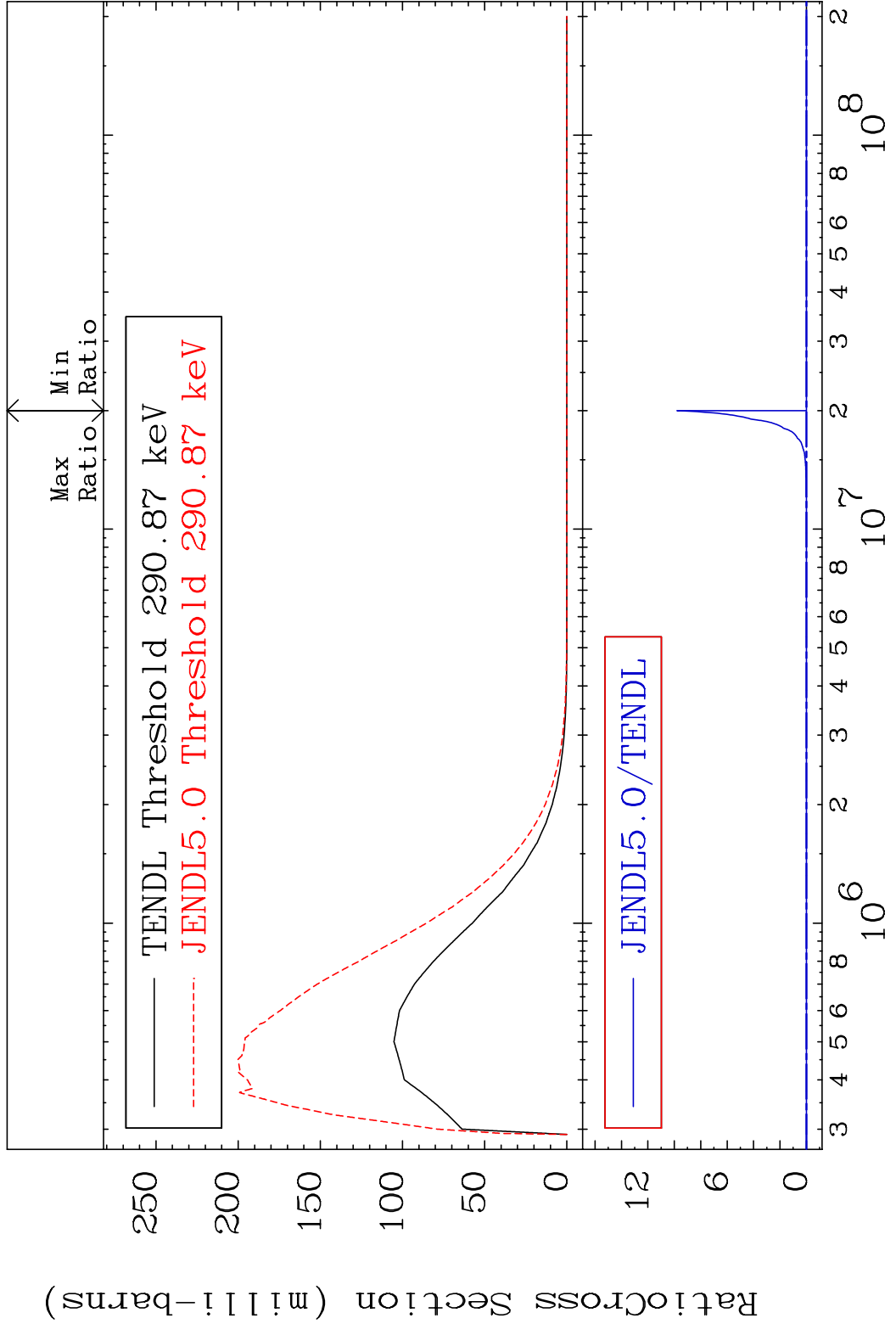
MAT 6729 MT= 59 (n, n') Level 67-Ho-166m  
 Cross Section -100.0 To 9999. %



MAT 6729 MT= 60 (n, n') Level 67-Ho-166m  
 Cross Section -100.0 To 9999. %

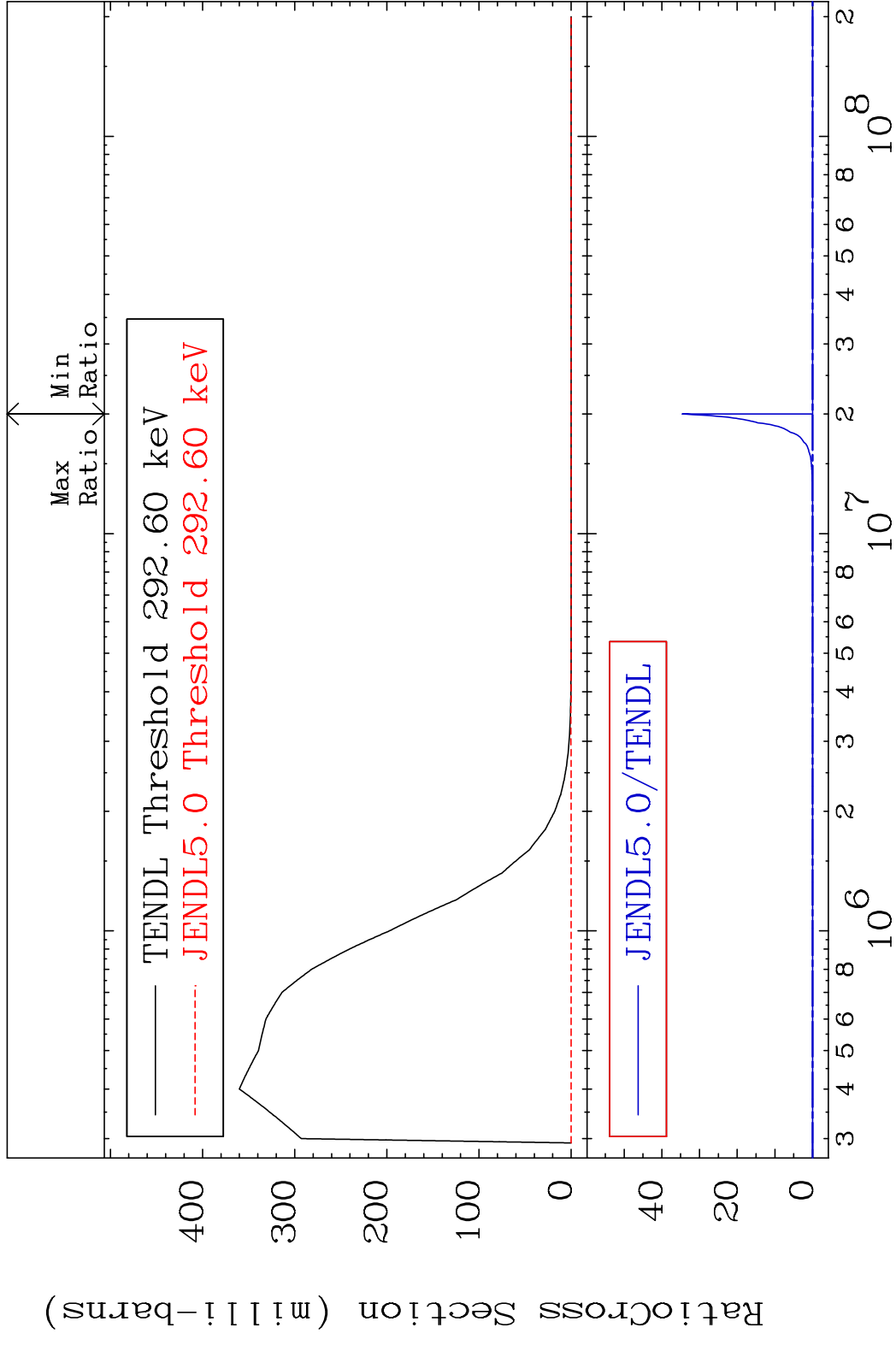


MAT 6729 MT= 61 (n, n') Level 67-Ho-166m  
 Cross Section -100.0 To 9999. %

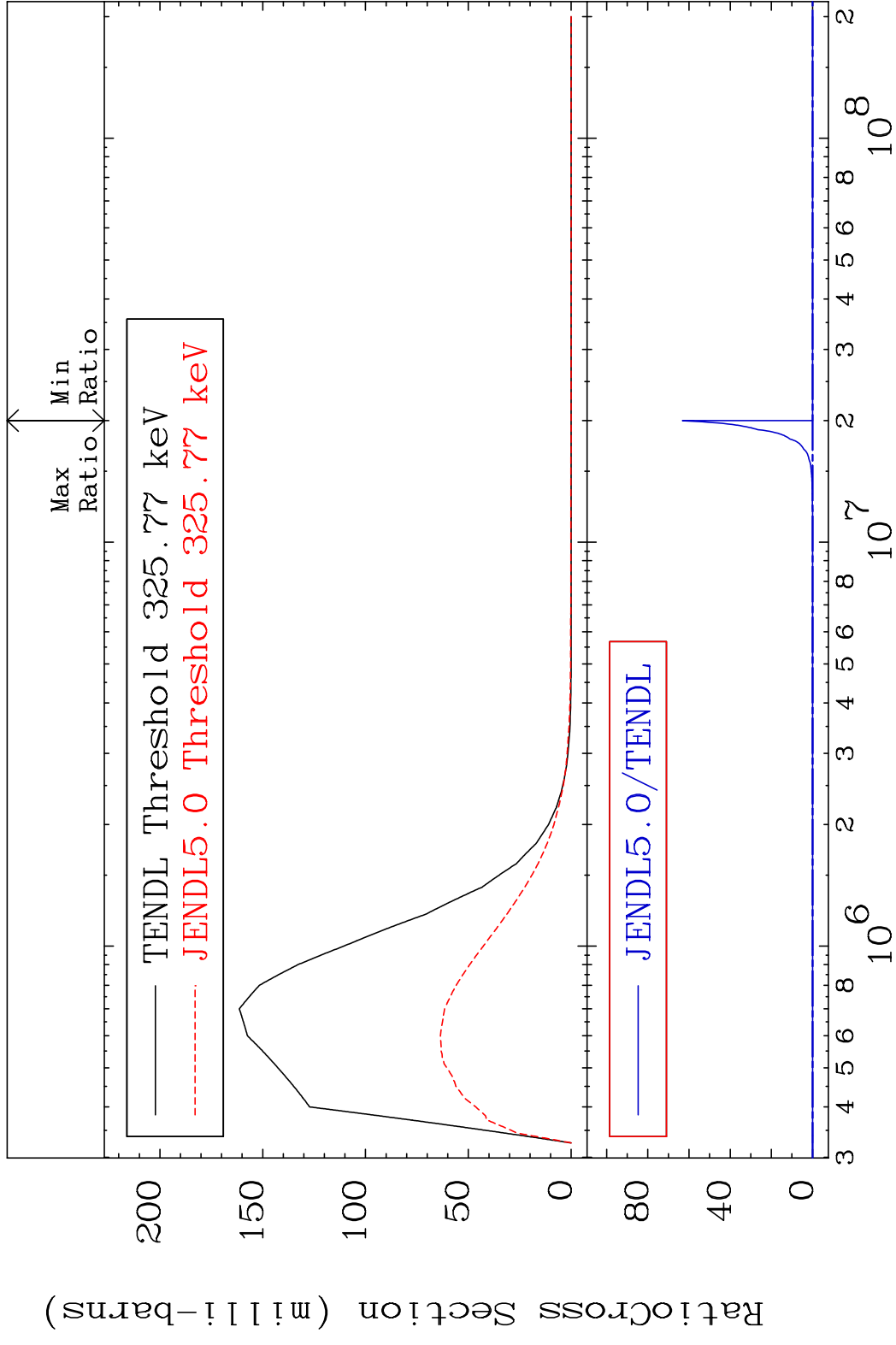




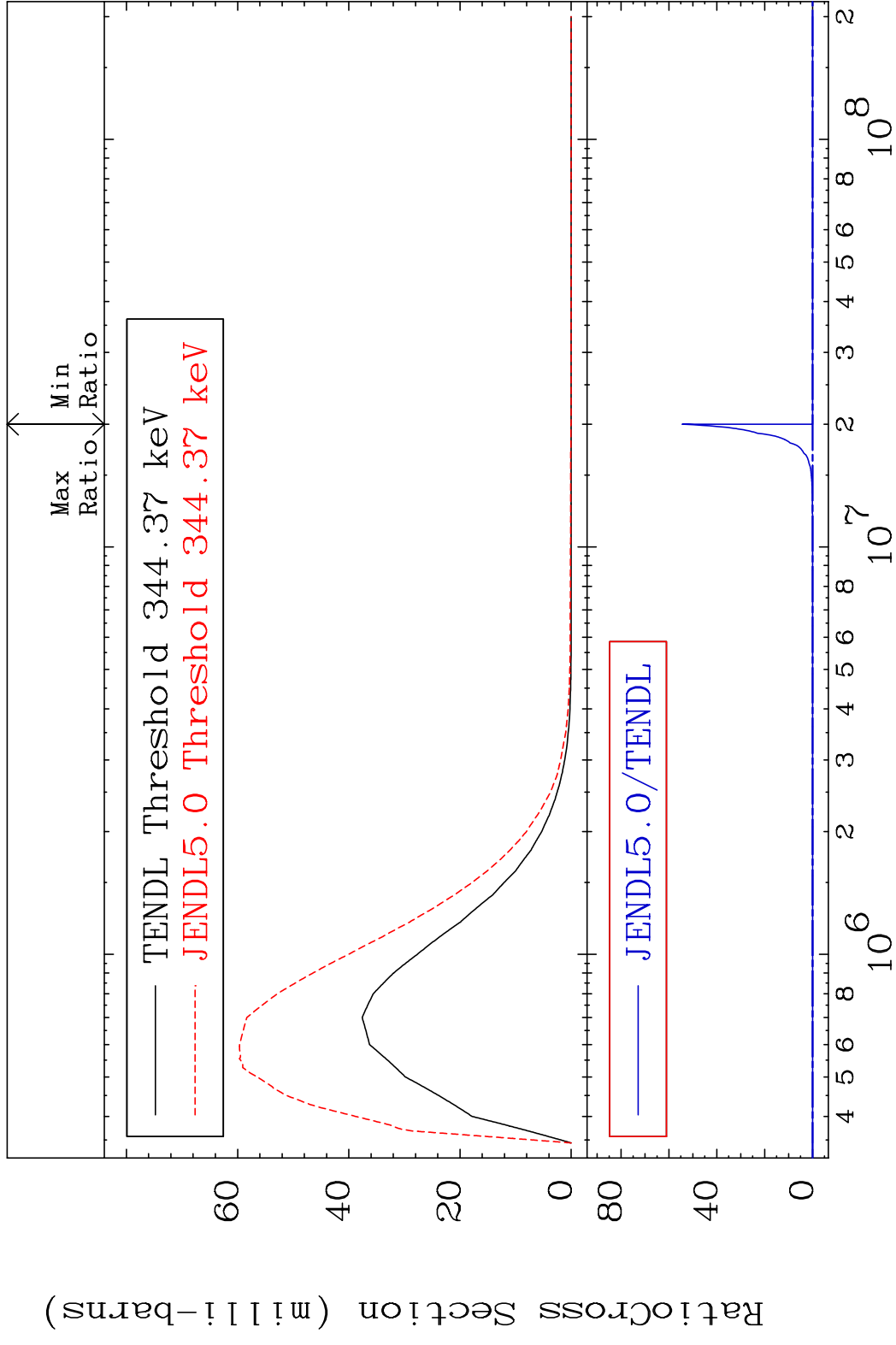
MAT 6729 MT= 62 (n, n') Level 67-Ho-166m  
 Cross Section -100.0 To 9999. %



MAT 6729 MT= 63 (n, n') Level 67-Ho-166m  
 Cross Section -100.0 To 9999. %

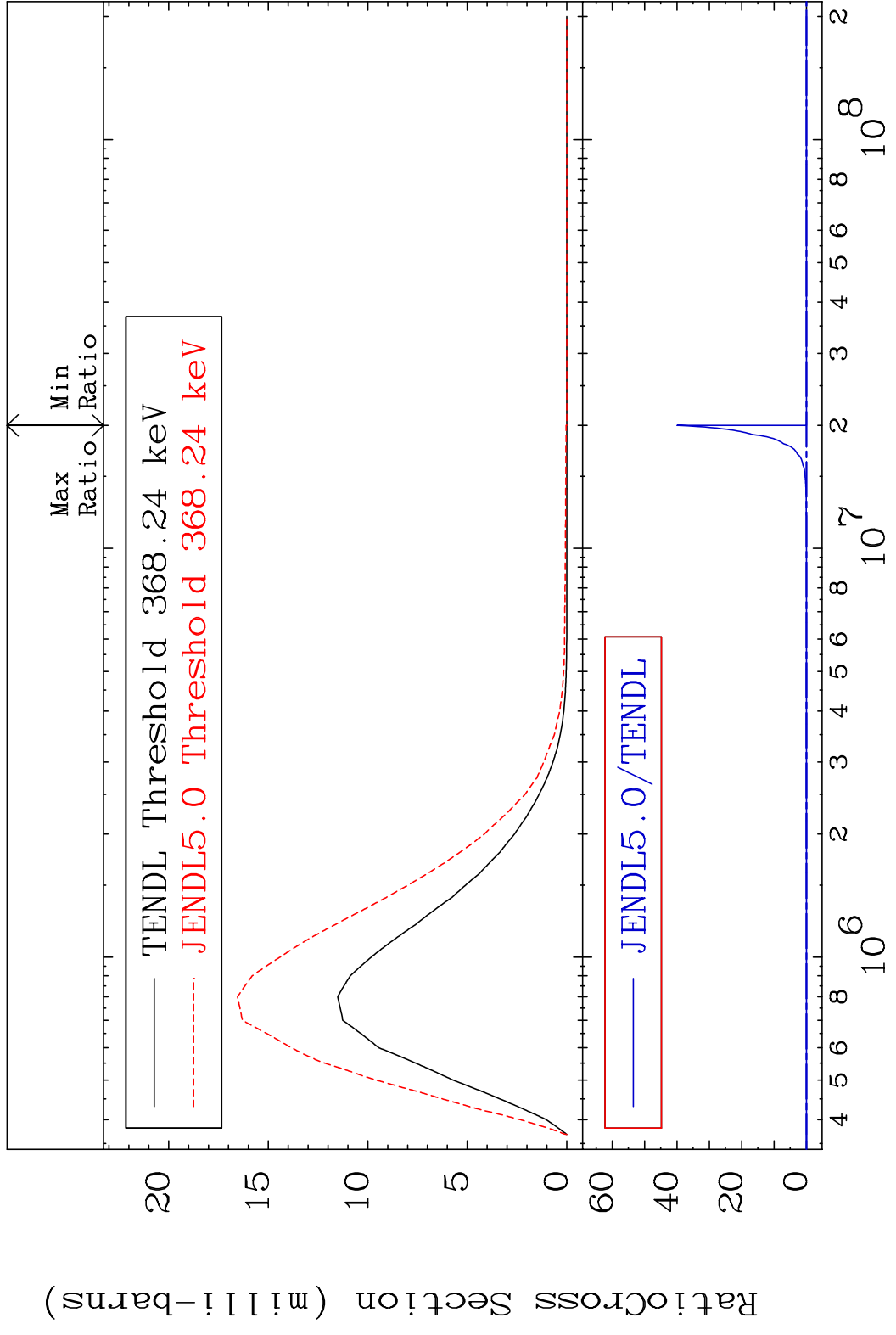


MAT 6729 MT= 64 (n, n') Level 67-Ho-166m  
 Cross Section -100.0 To 9999. %



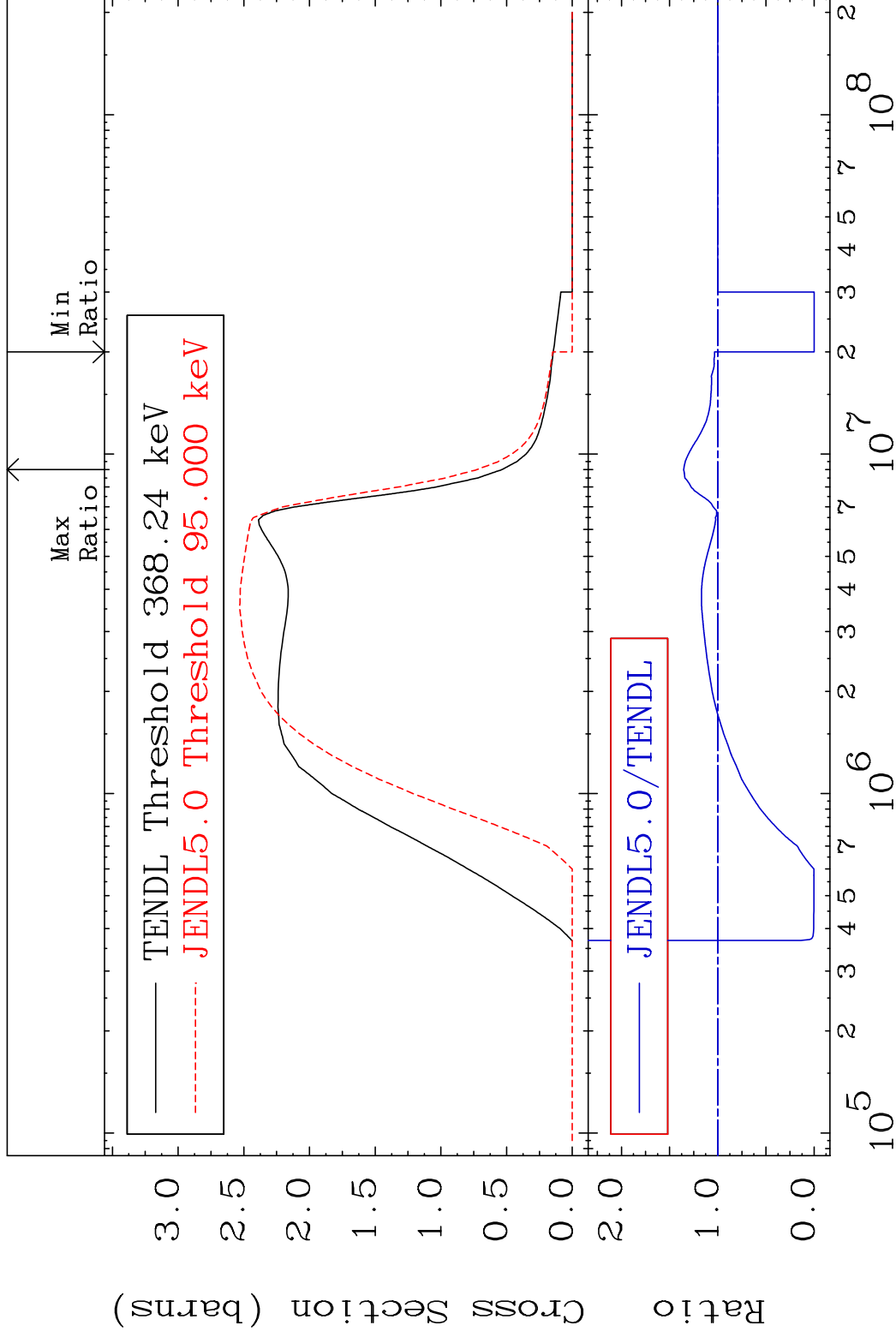
26 Incident Energy (eV) 67-Ho-166m

MAT 6729 MT= 65 (n, n') Level 67-Ho-166m  
 Cross Section -100.0 To 9999. %



MAT 6729

(n, n') Continuum 67-Ho-166m  
Cross Section -100.0 To 35.41 %



28

Incident Energy (eV)

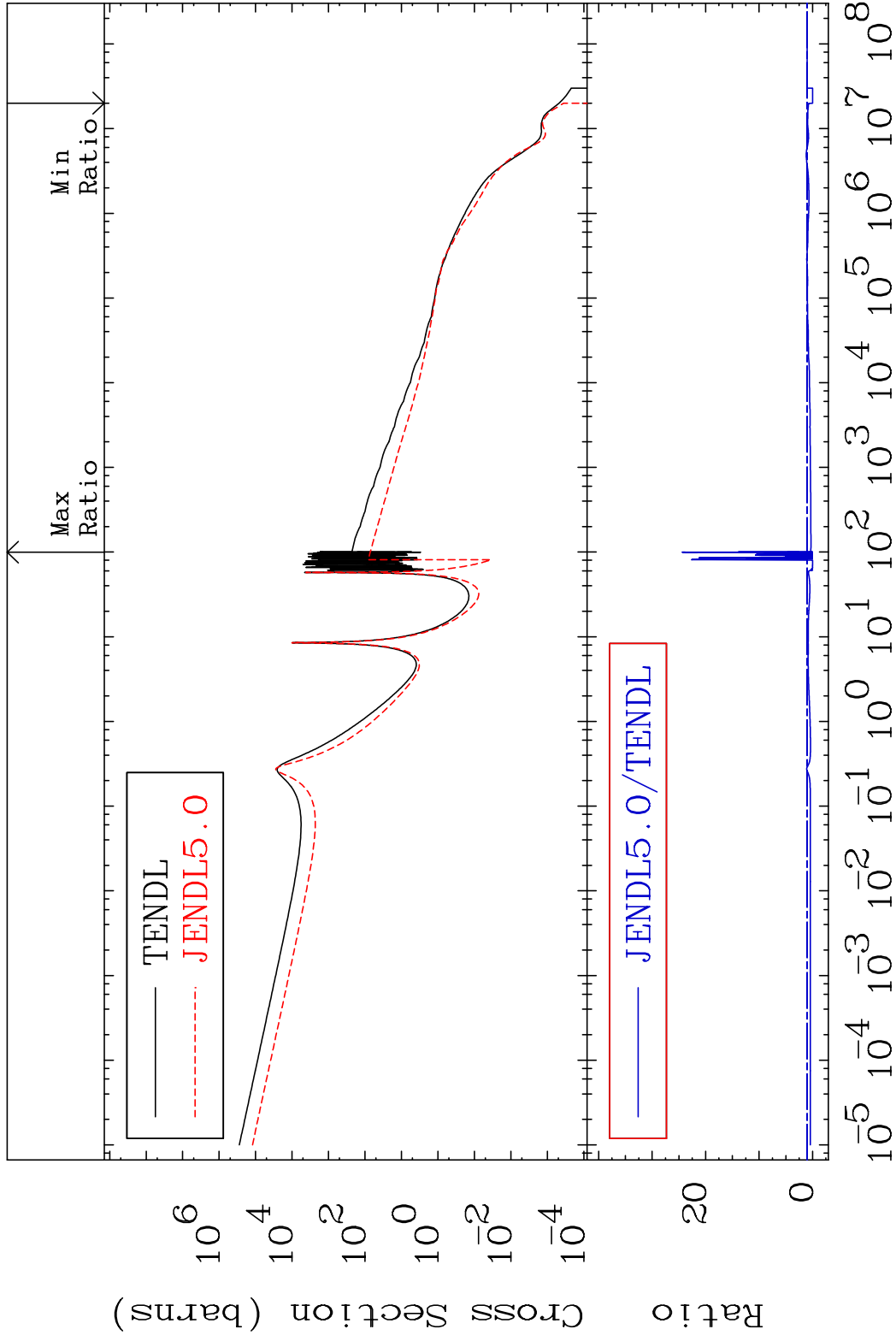
67-Ho-166m

MAT 6729

(n,  $\gamma$ )

67-Ho-166m

Cross Section -100.0 To 2335. %



29

Incident Energy (eV)

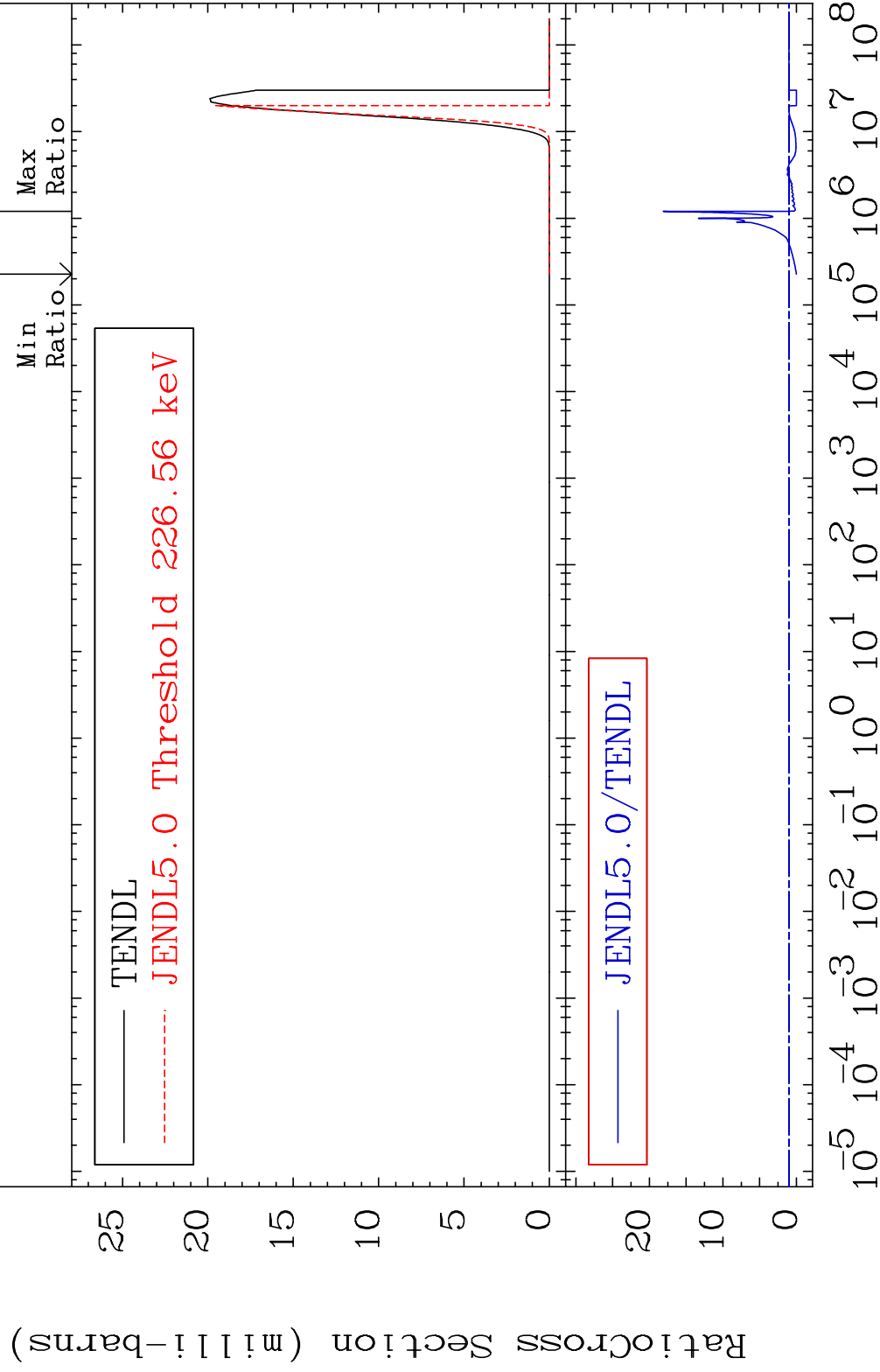
67-Ho-166m

MAT 6729

(n, p)

67-Ho-166m

Cross Section -100.0 To 1713. %

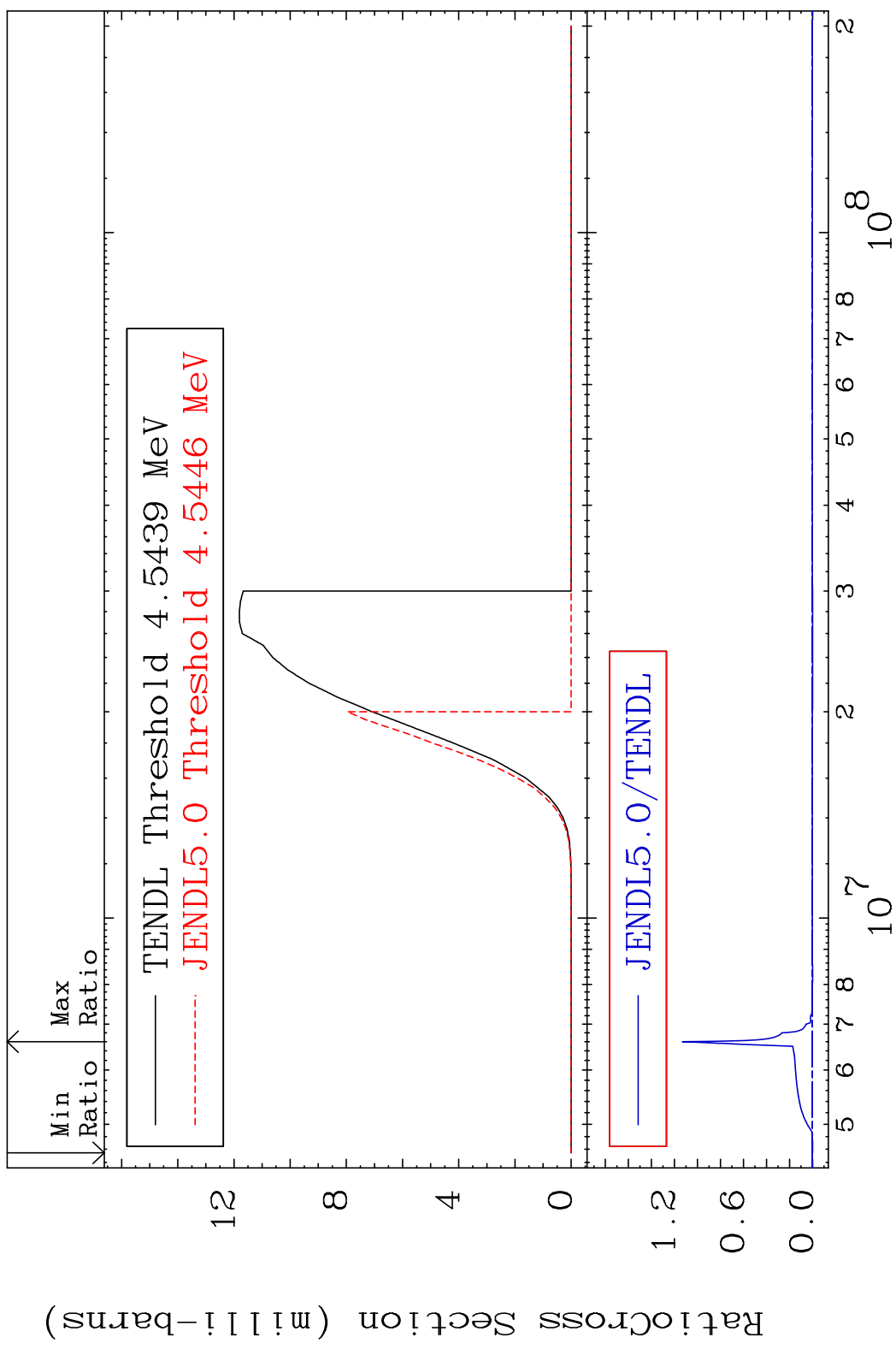


MAT 6729

(n,d)

67-Ho-166m

Cross Section -100.0 To 9999. %



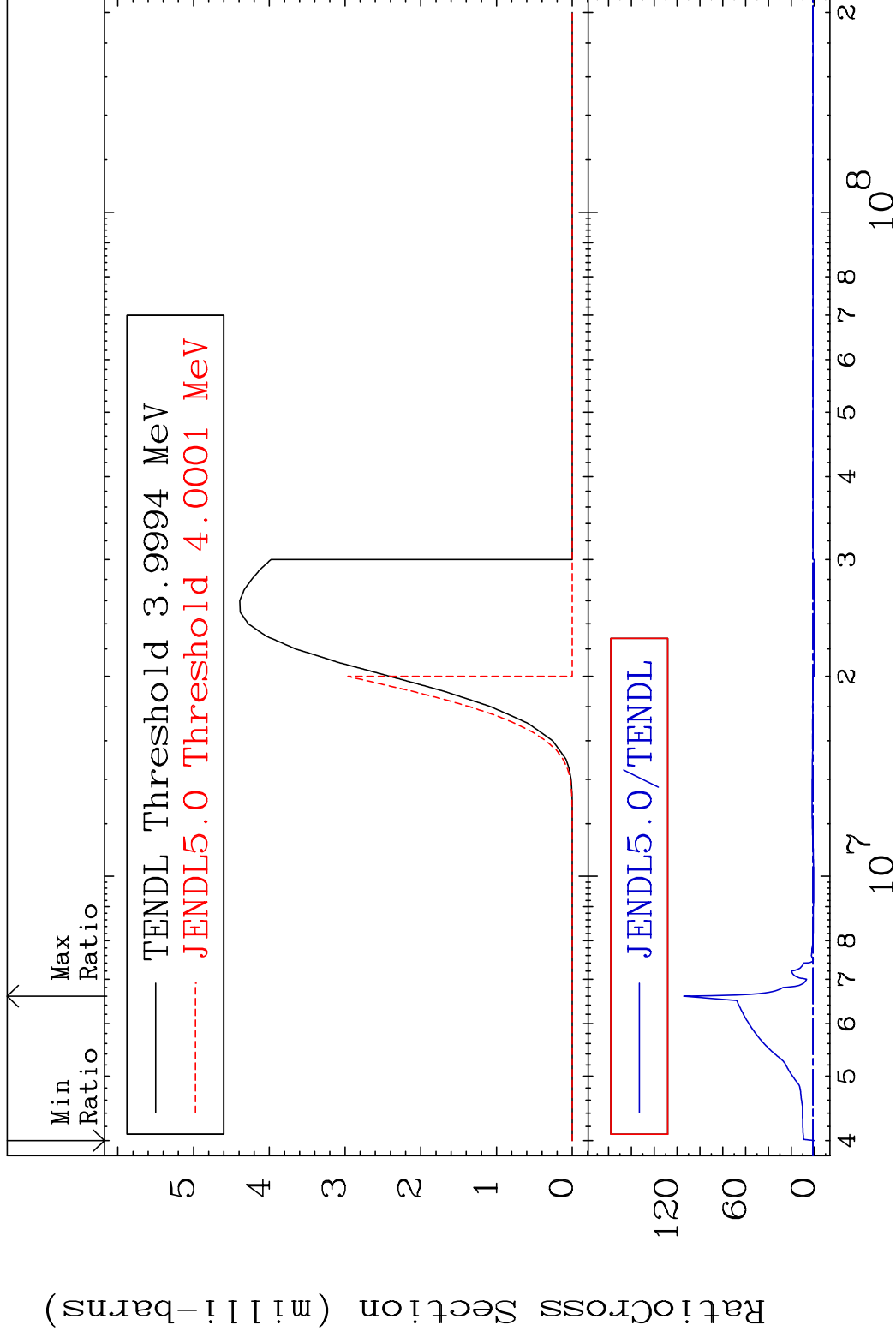


MAT 6729

(n, t)

67-Ho-166m

Cross Section -100.0 To 9999. %



32

Incident Energy (eV)

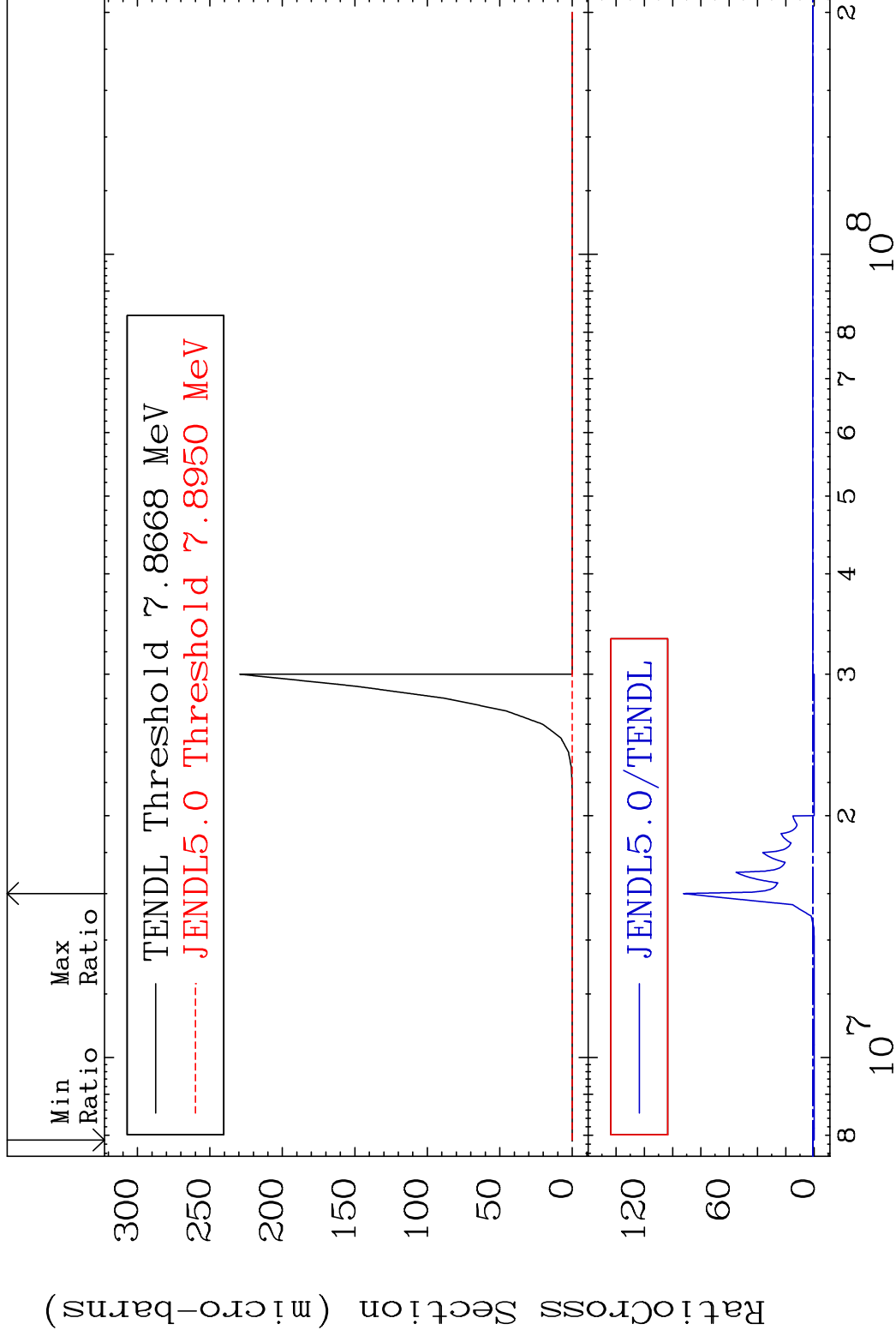
67-Ho-166m

MAT 6729

(n, He-3)

67-Ho-166m

Cross Section -100.0 To 9120. %



33

Incident Energy (eV)

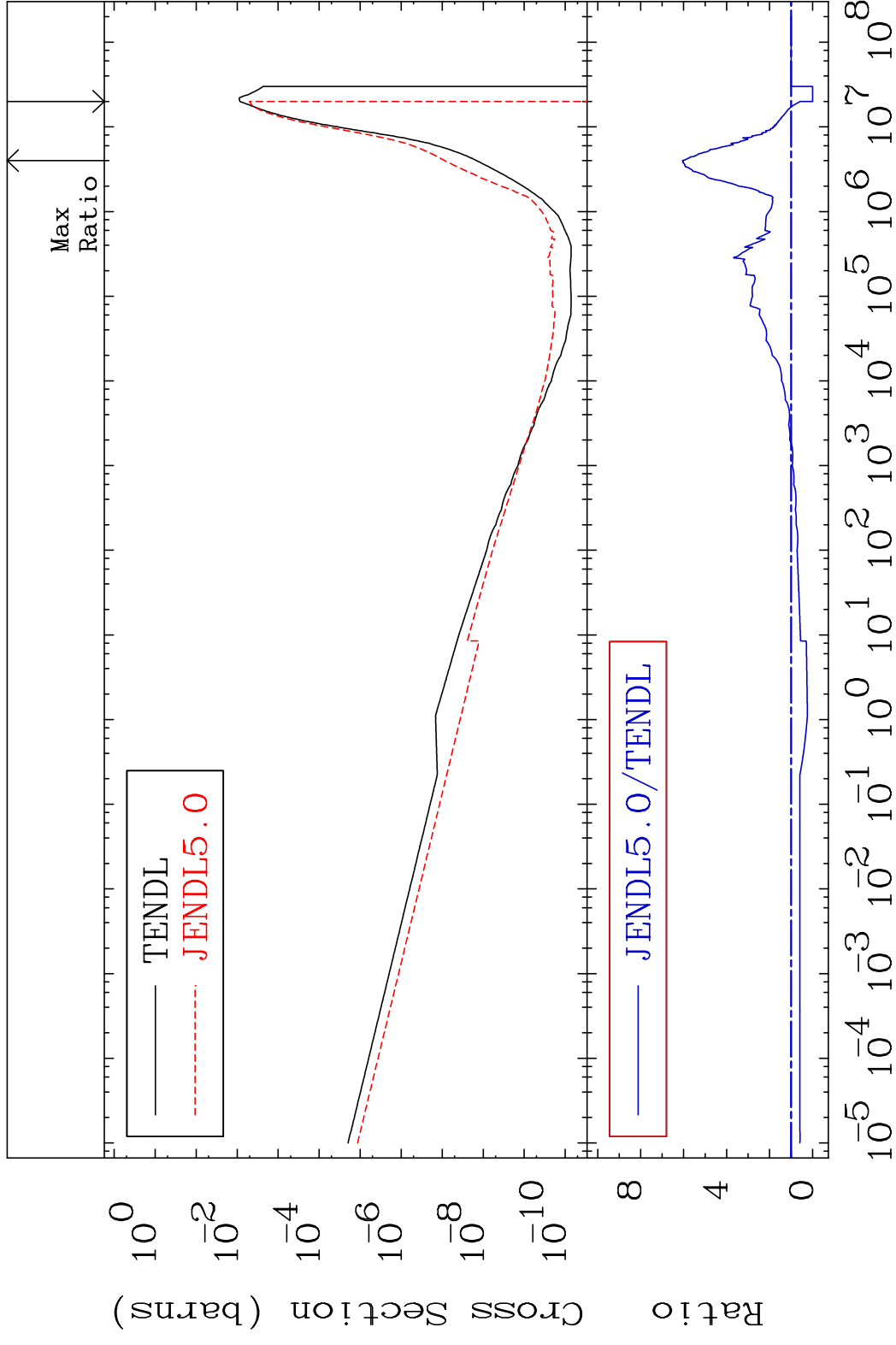
67-Ho-166m

MAT 6729

(n,  $\alpha$ )

67-Ho-166m

Cross Section -100.0 To 505.9 %



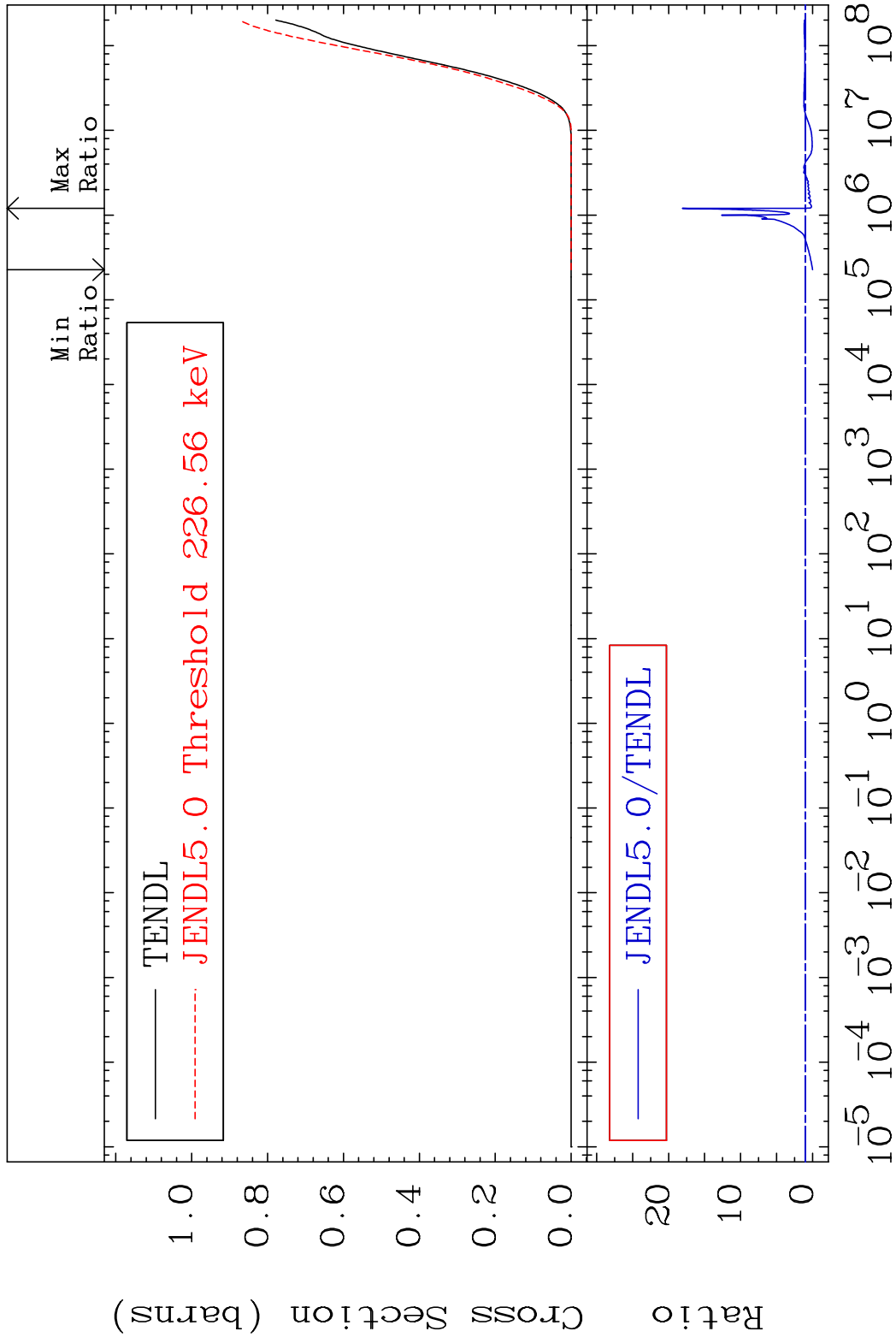
34

Incident Energy (eV)

67-Ho-166m

MAT 6729

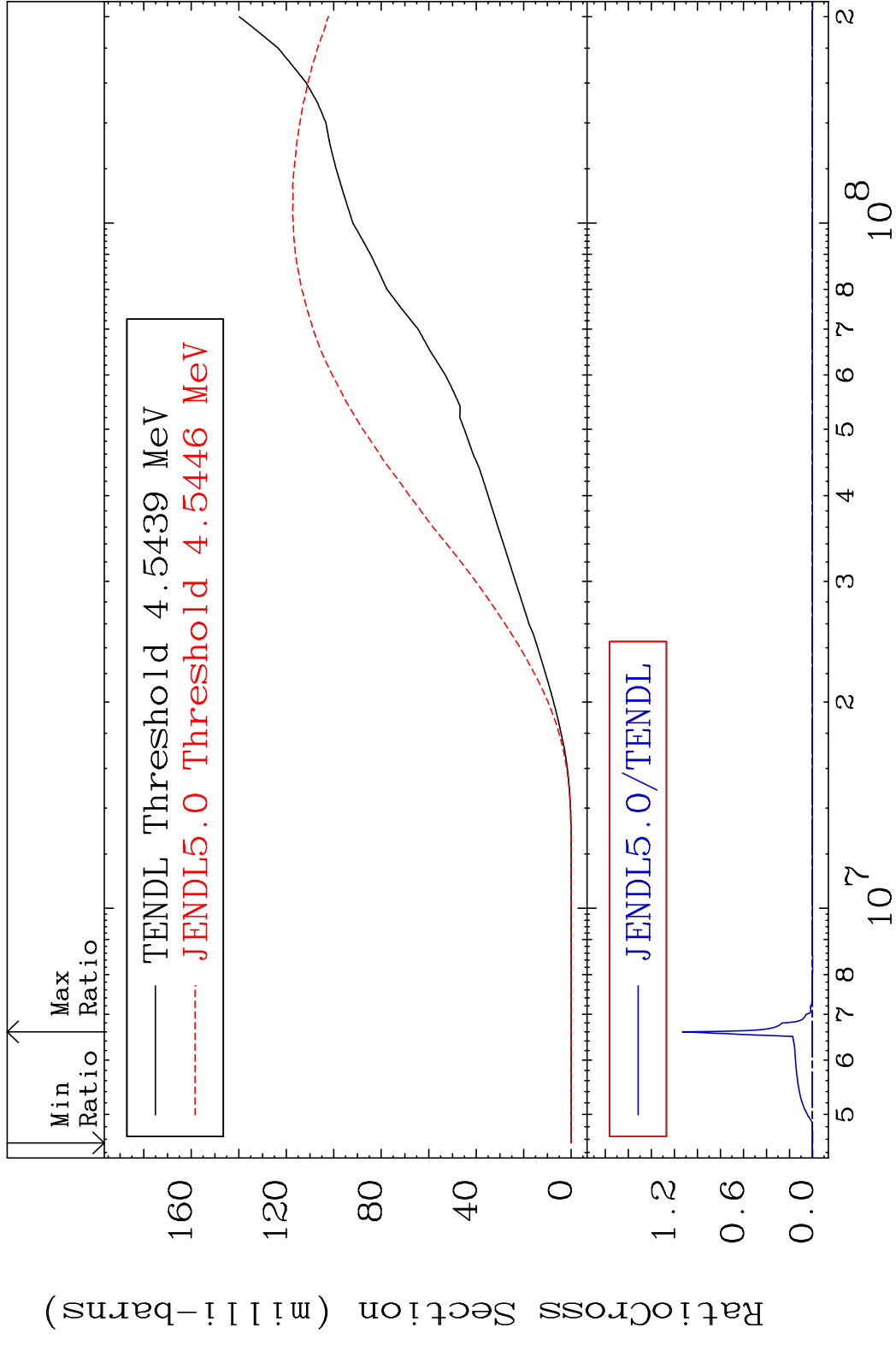
Hydrogen Production 67-Ho-166m  
Cross Section -100.0 To 1709. %



35

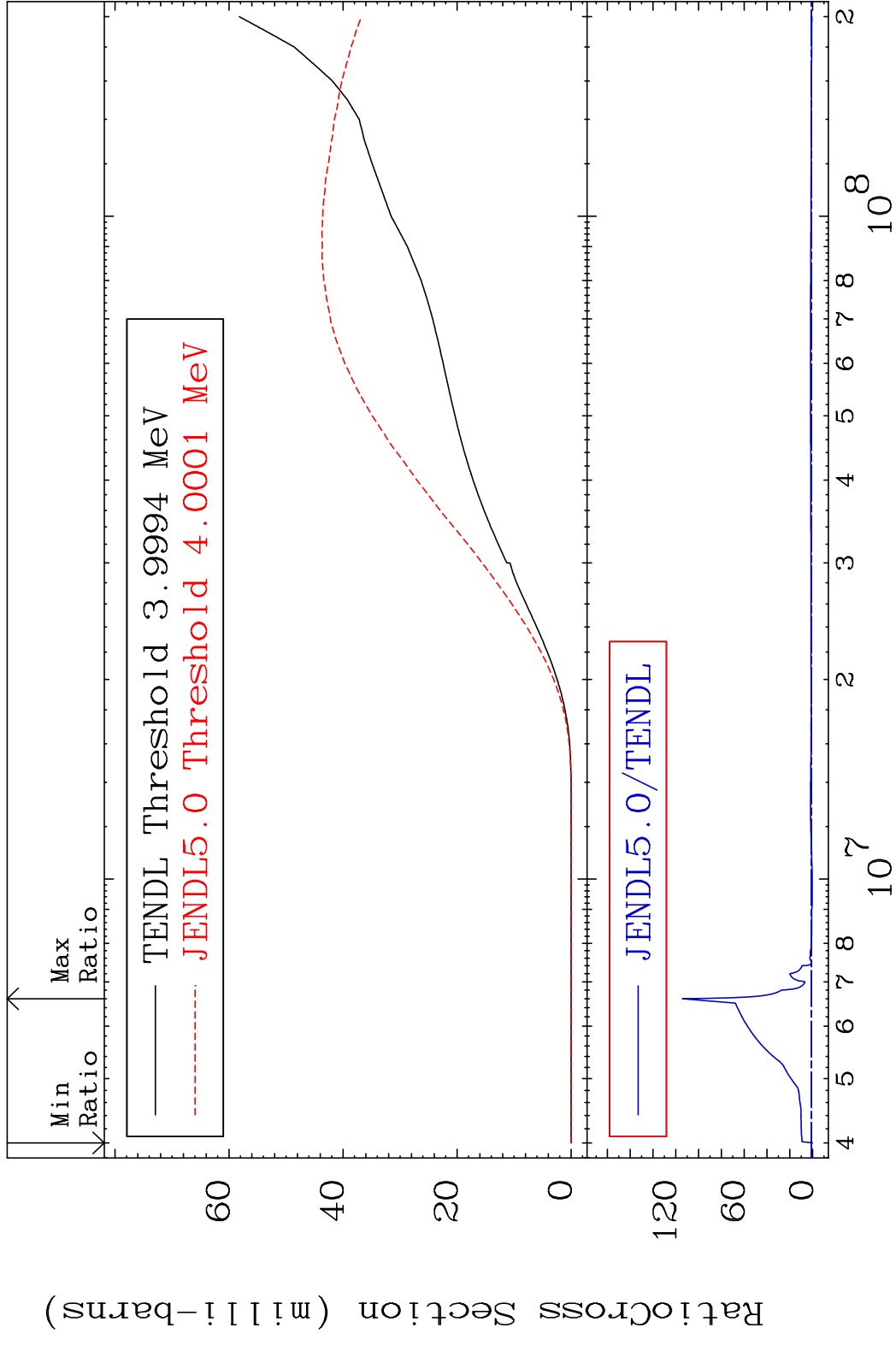
Incident Energy (eV)

67-Ho-166m



MAT 6729

Tritium Production 67-Ho-166m  
Cross Section -100.0 To 9999. %

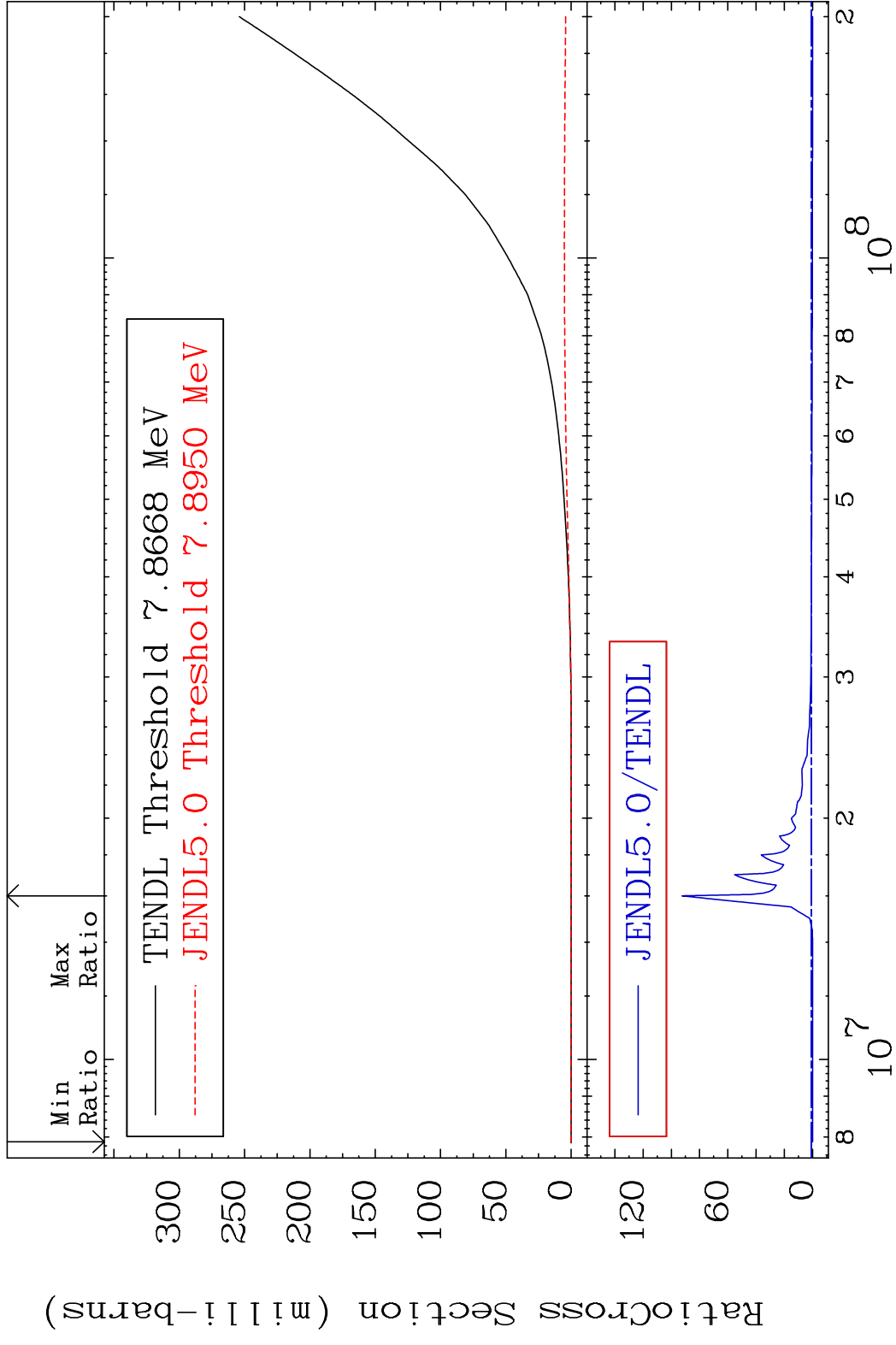


MAT 6729

He-3 Production

67-Ho-166m

Cross Section -100.0 To 9120. %



38

Incident Energy (eV)

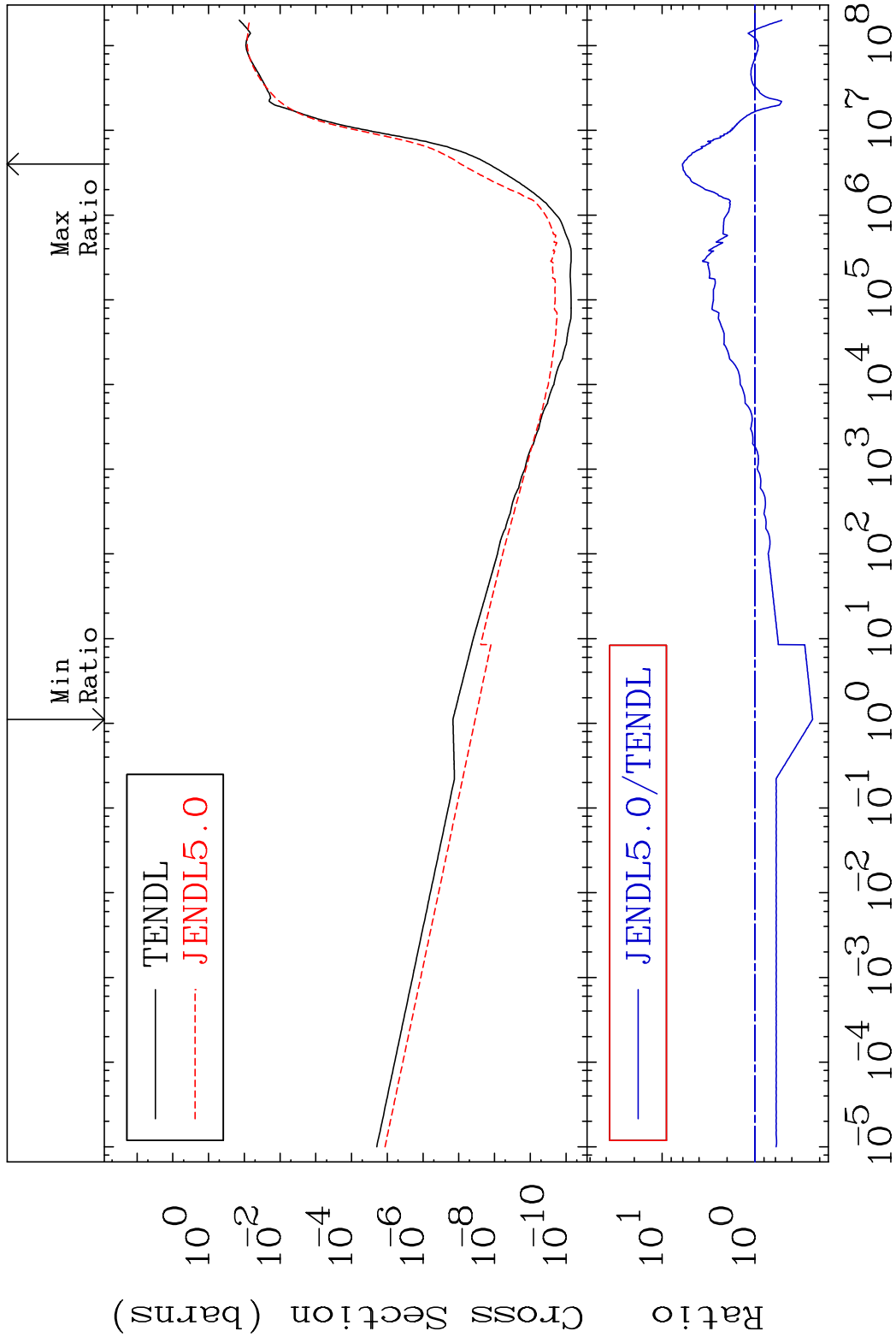
67-Ho-166m

MAT 6729

He-4 Production

67-Ho-166m

Cross Section -76.07 To 505.9 %



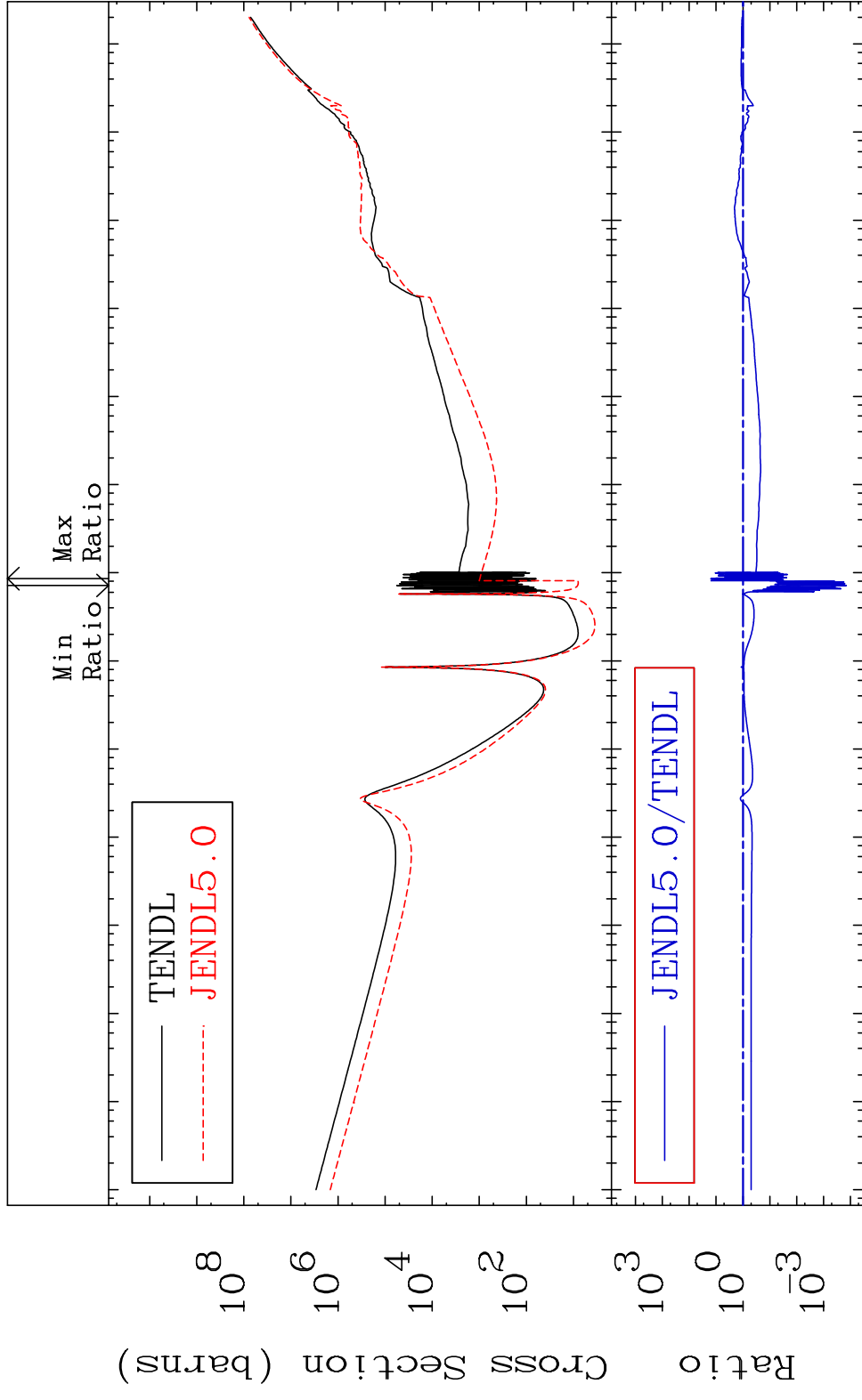
39

Incident Energy (eV)

67-Ho-166m



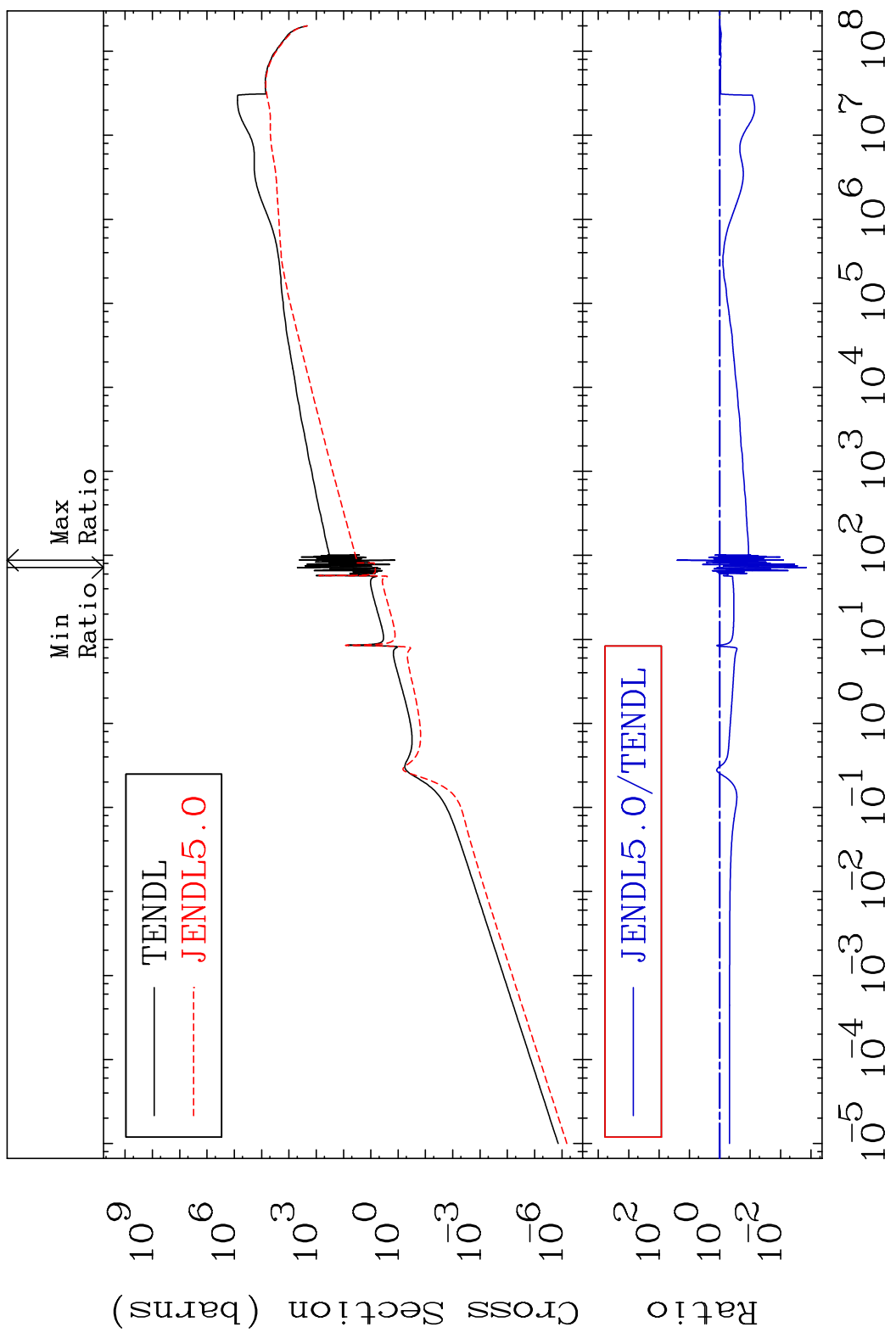
MAT 6729 Kerma total (eV-barns) 67-Ho-166m  
Cross Section -99.99 To 1482. %



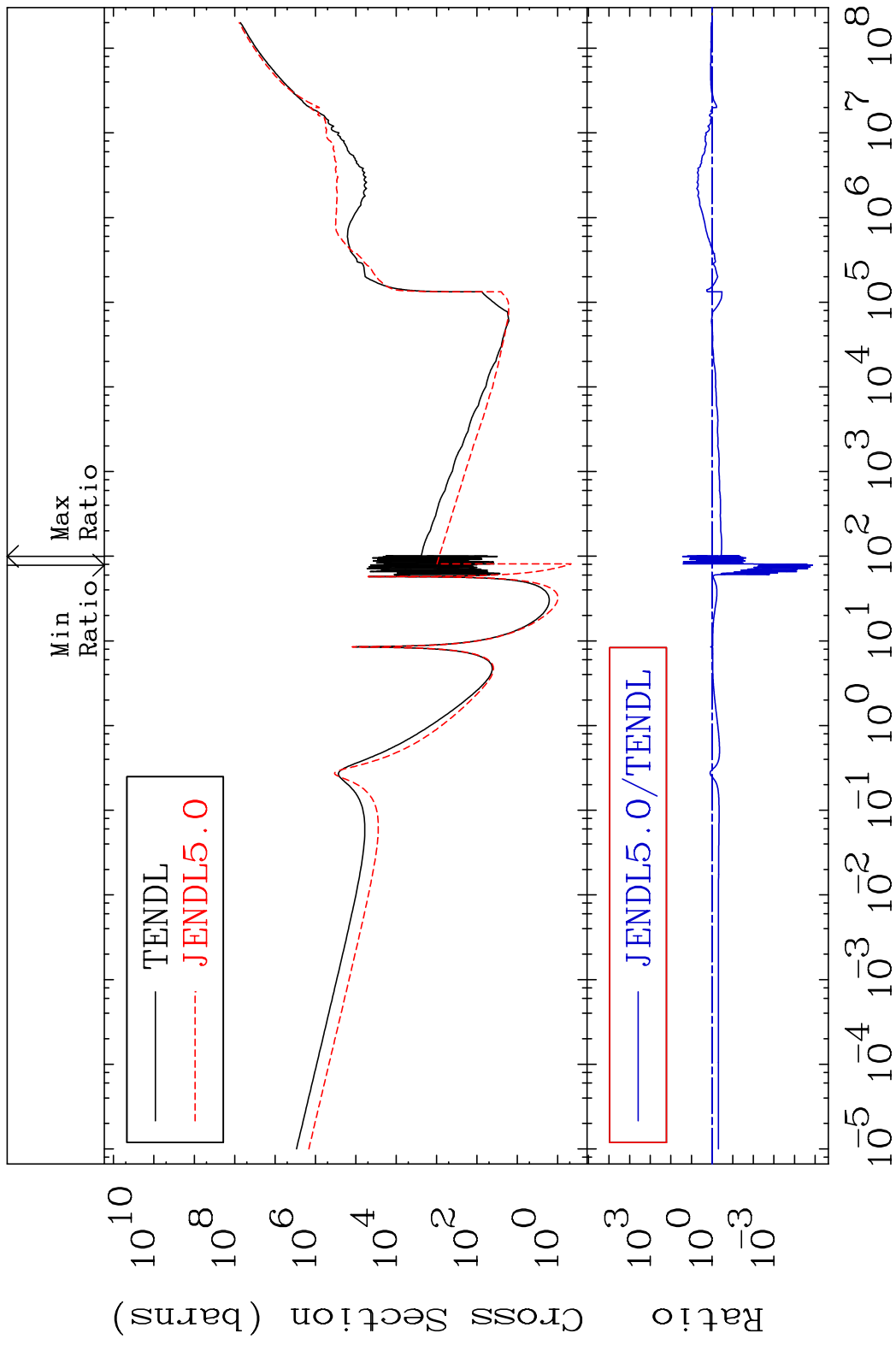
40 Incident Energy (eV) 67-Ho-166m

MAT 6729

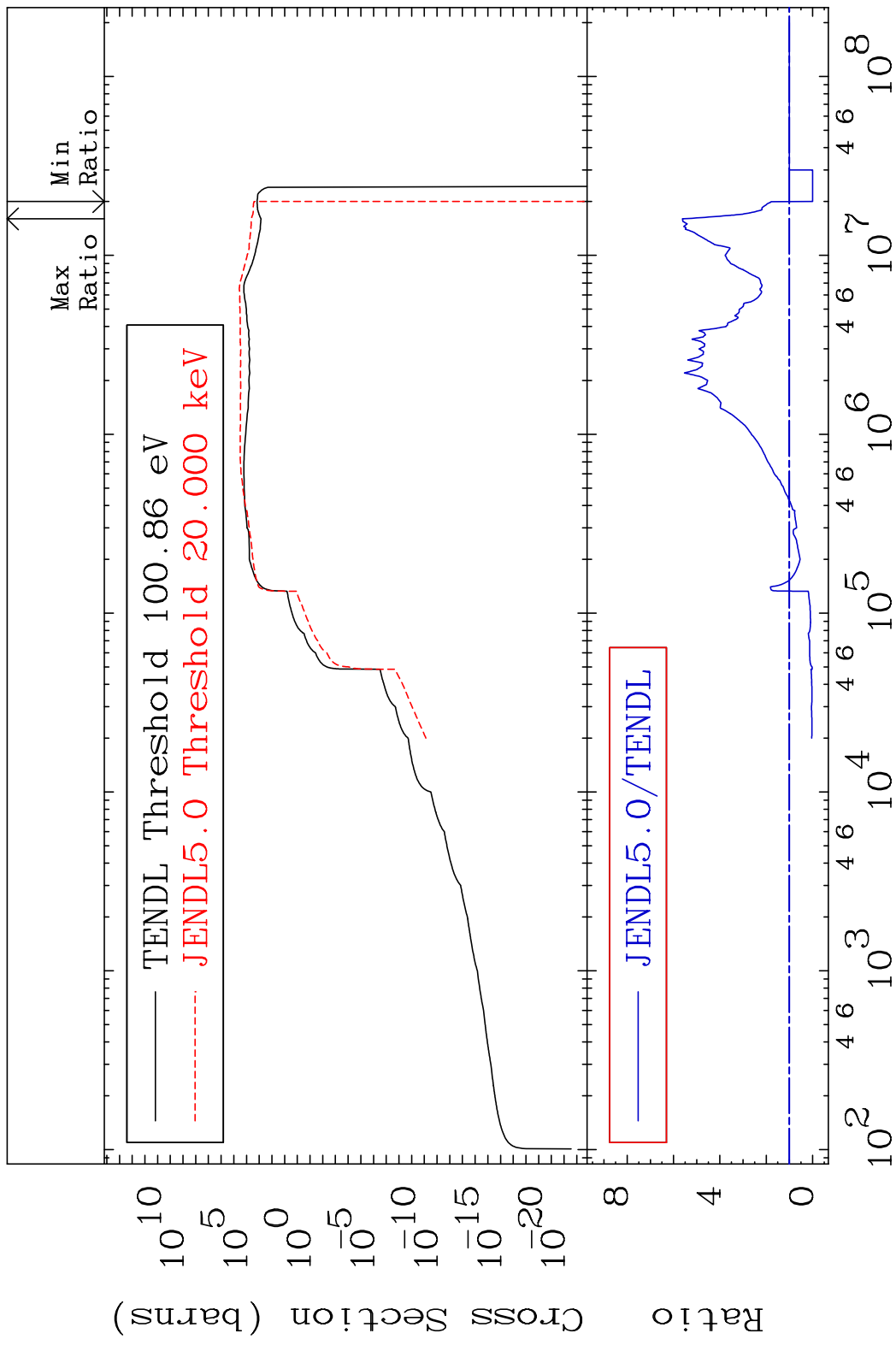
Kerma elastic Cross Section -99.86 To 2433. %  
67-Ho-166m



MAT 6729 Kerma non-elastic (all but mt2) 67-Ho-166m  
 Cross Section -100.0 To 2669. %

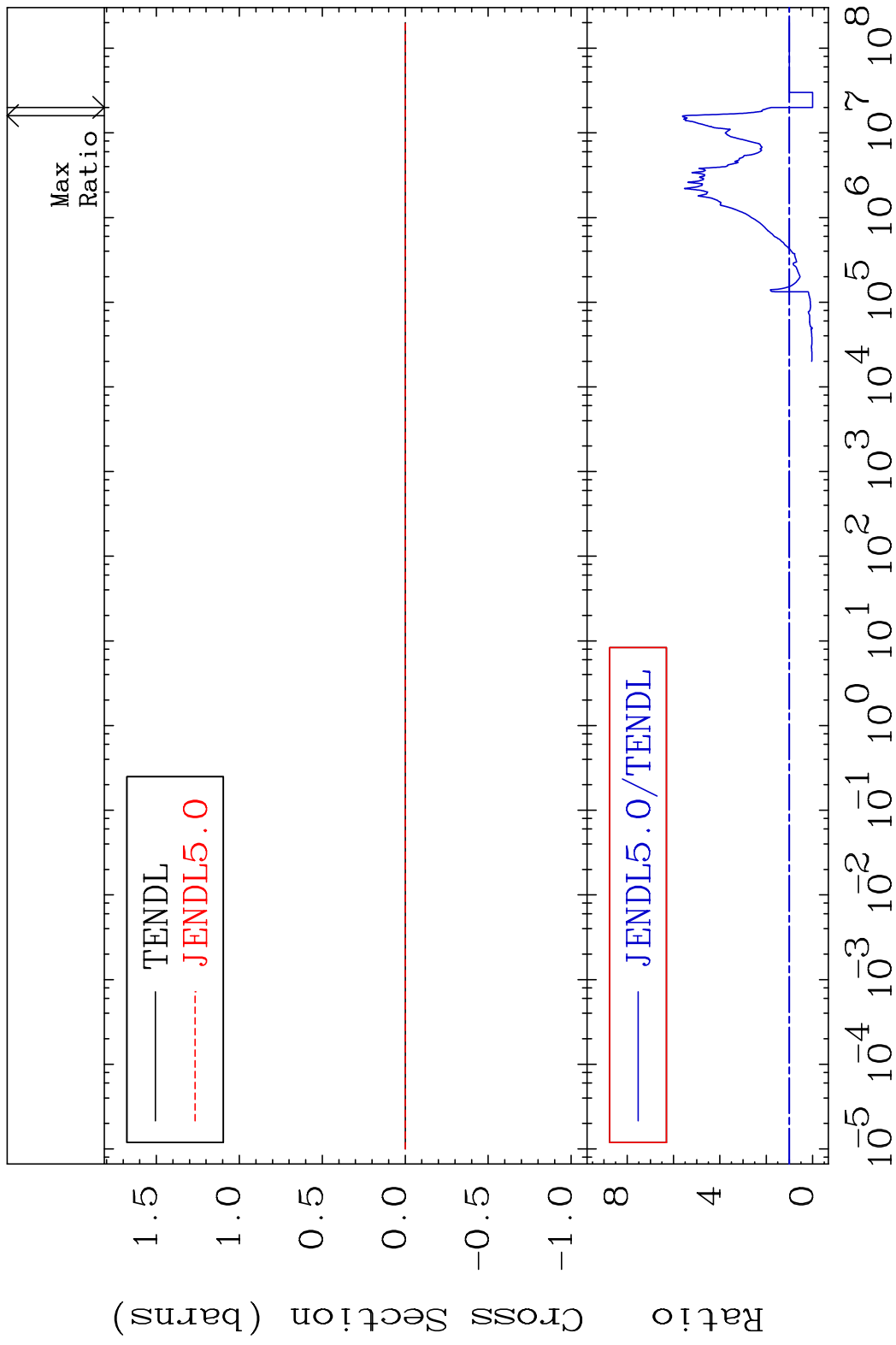


MAT 6729 Kerma inelastic (mt51-91) 67-Ho-166m  
 Cross Section -100.0 To 461.9 %

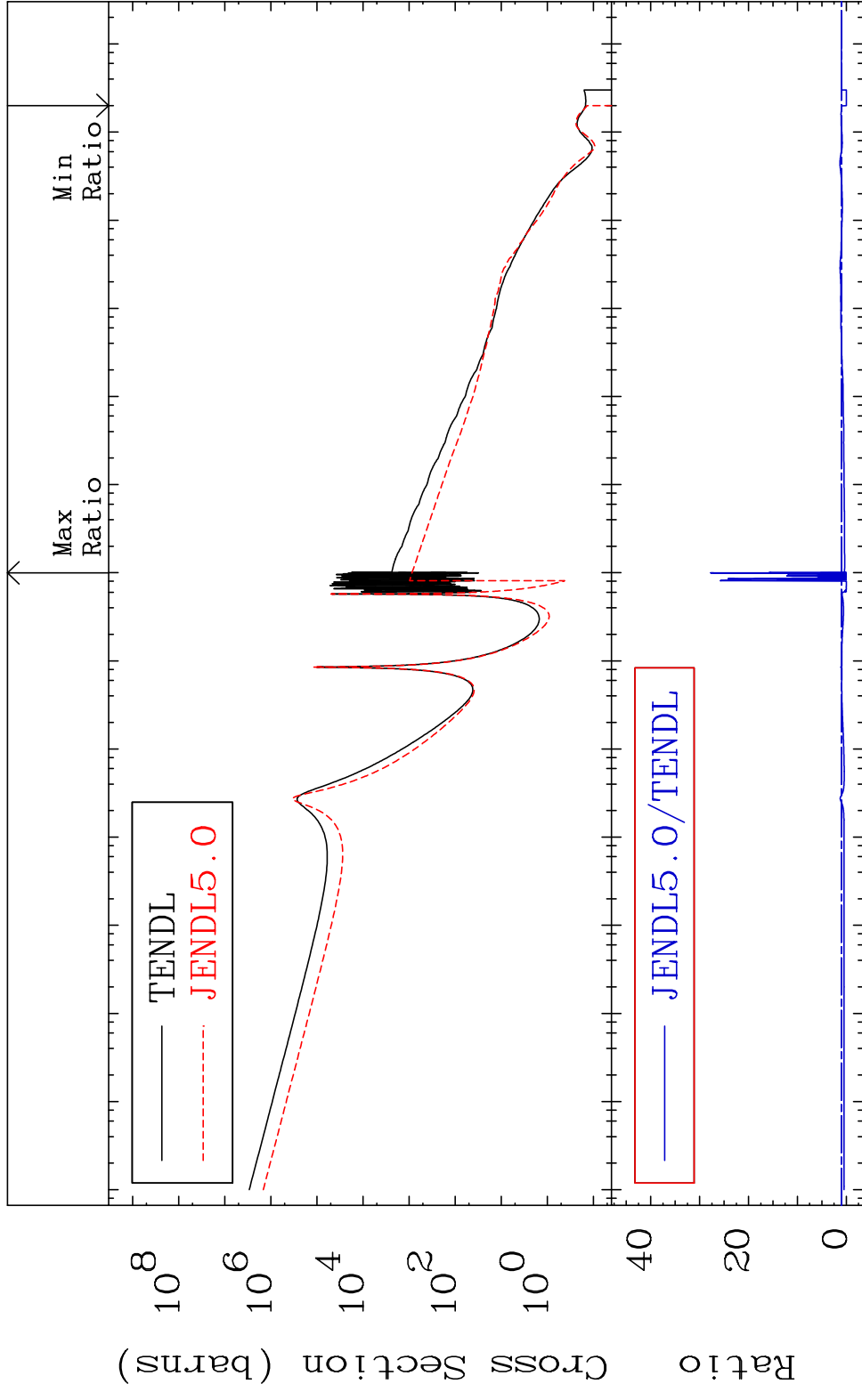


43 Incident Energy (eV) 67-Ho-166m

MAT 6729 Kerma fission (mt18 or mt19-20-21-36) Ho-166m  
 Cross Section -100.0 To 461.9 %

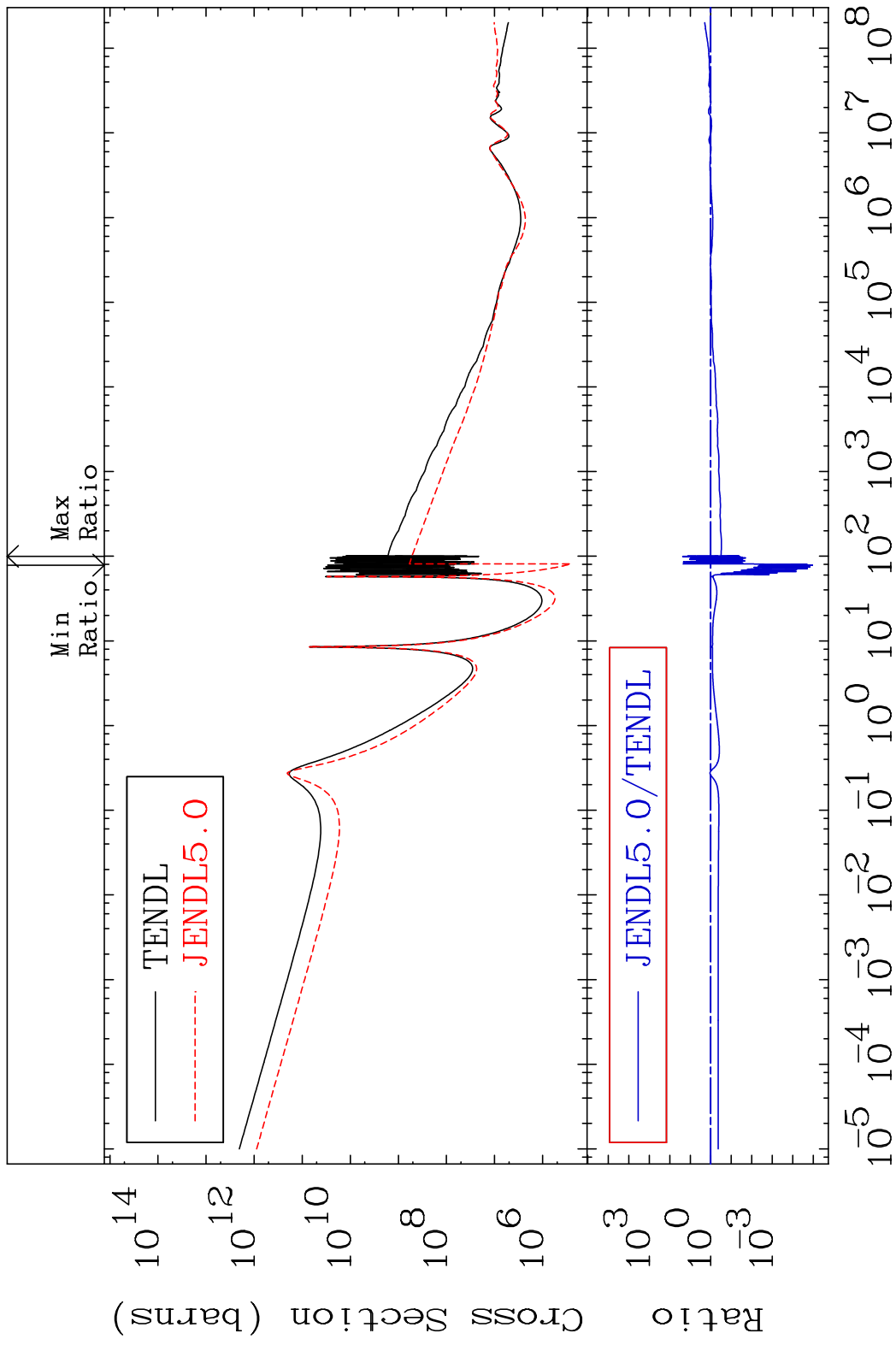


MAT 6729 Kerma capture (mt102) 67-Ho-166m  
 Cross Section -100.0 To 2673. %



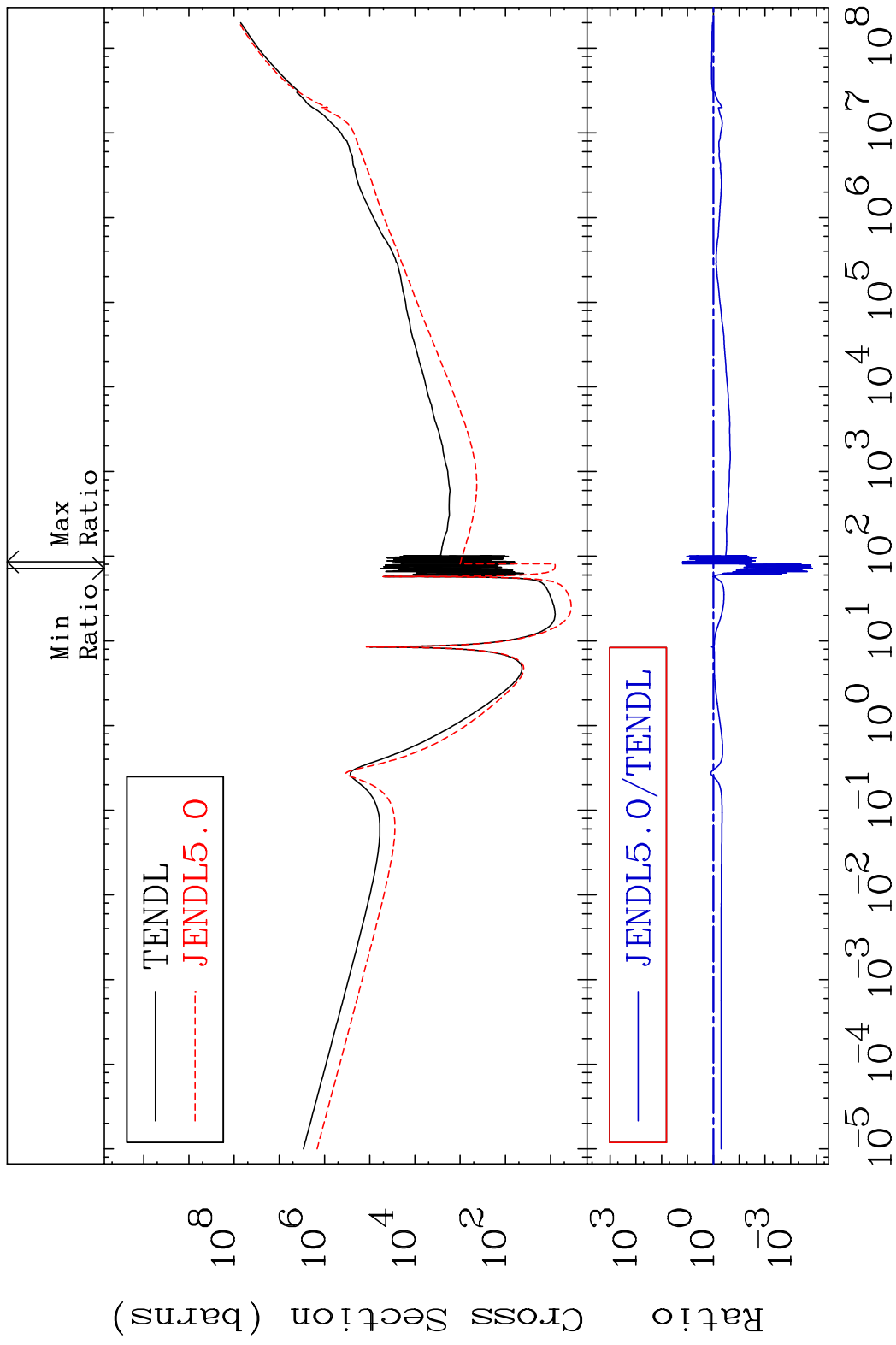
45 Incident Energy (eV) 67-Ho-166m

MAT 6729 Total photon (eV-barns) 67-Ho-166m  
Cross Section -100.0 To 2335. %



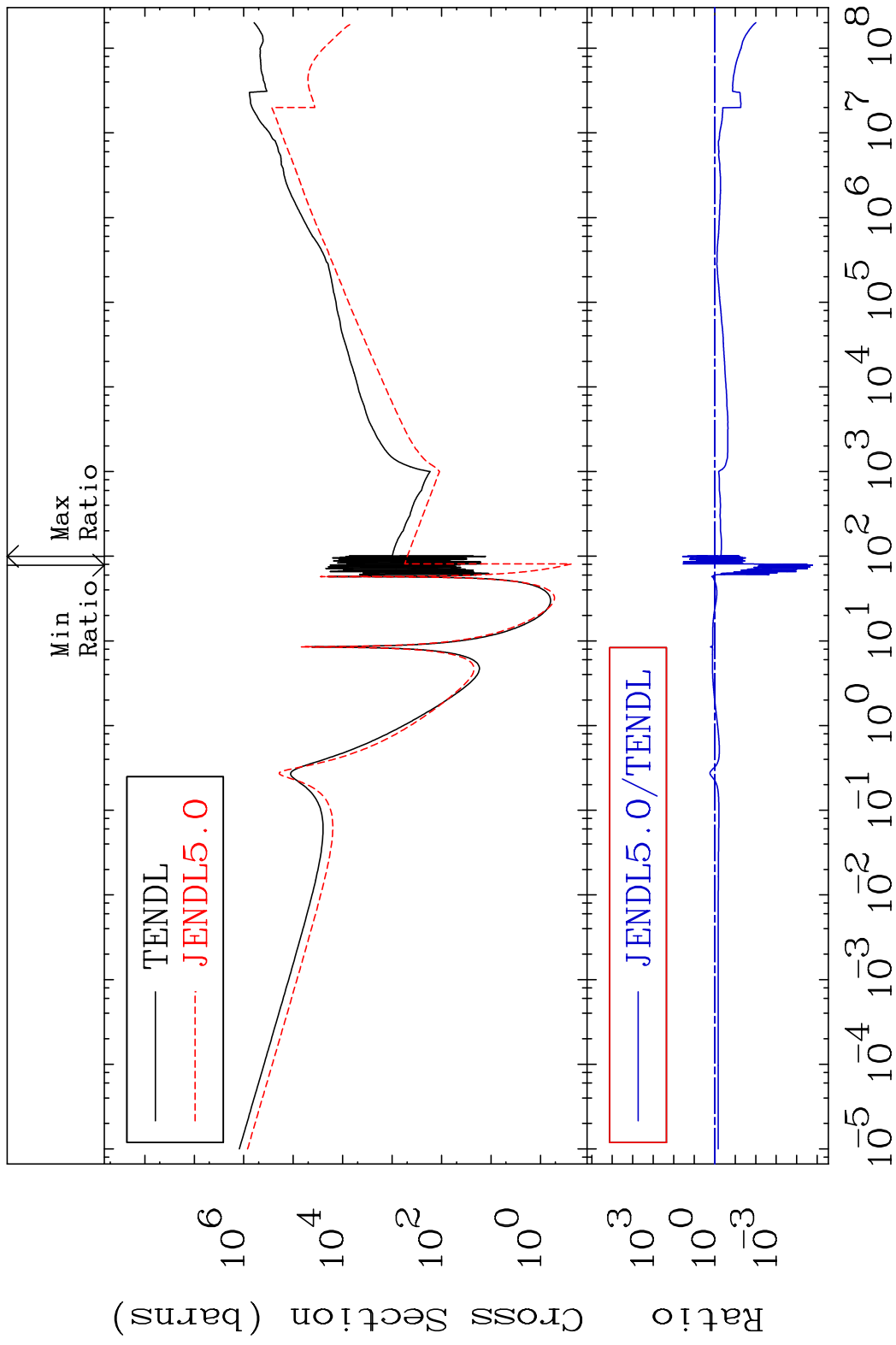
46 Incident Energy (eV) 67-Ho-166m

MAT 6729 Total kinematic kerma (high limit)67-Ho-166m  
 Cross Section -99.99 To 1482. %





MAT 6729      Dpa total (eV-barns)      67-Ho-166m  
 Cross Section      -100.0 To 3696.      %

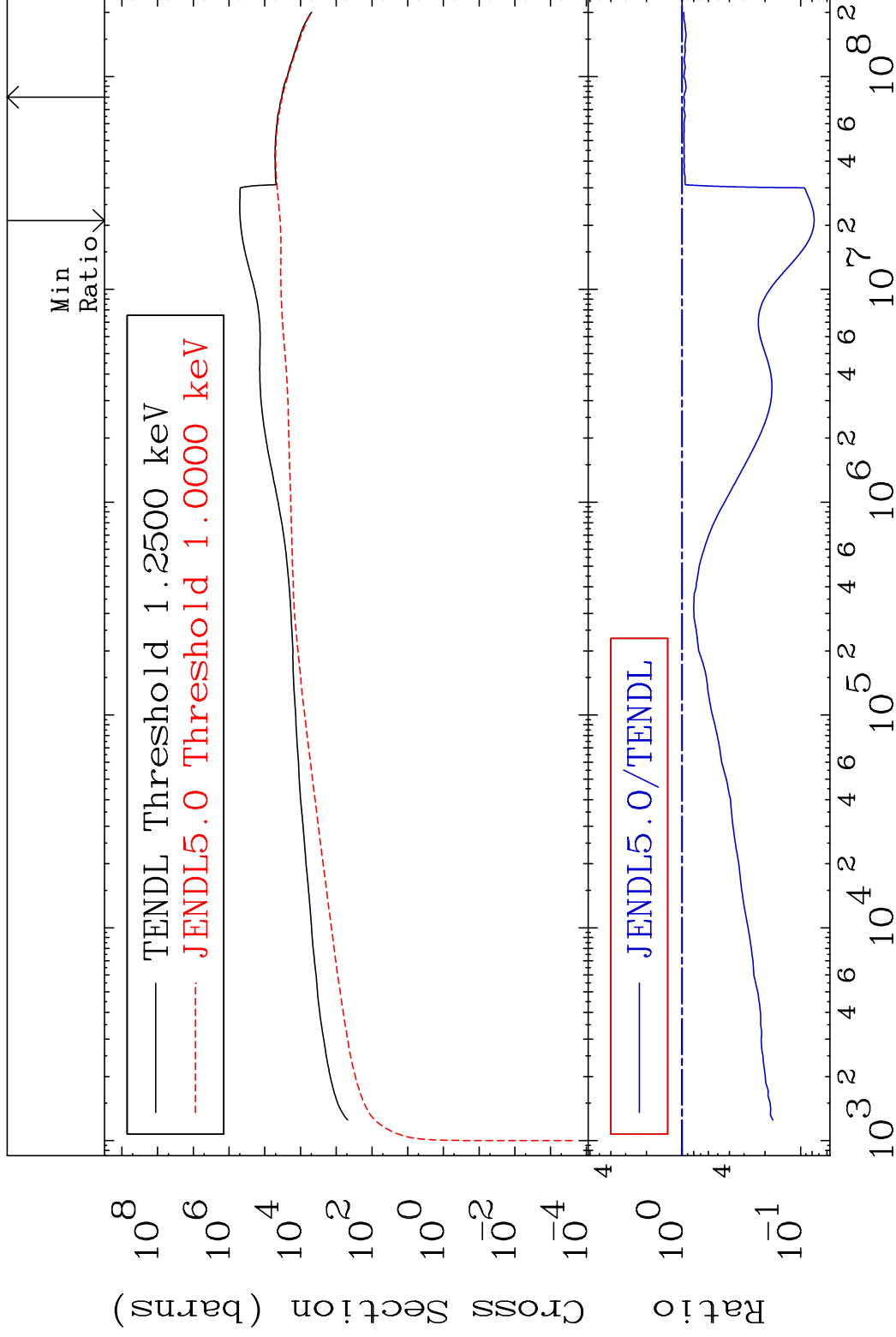


MAT 6729

Dpa elastic (mt2)

67-Ho-166m

Cross Section -92.31 To -2.847%

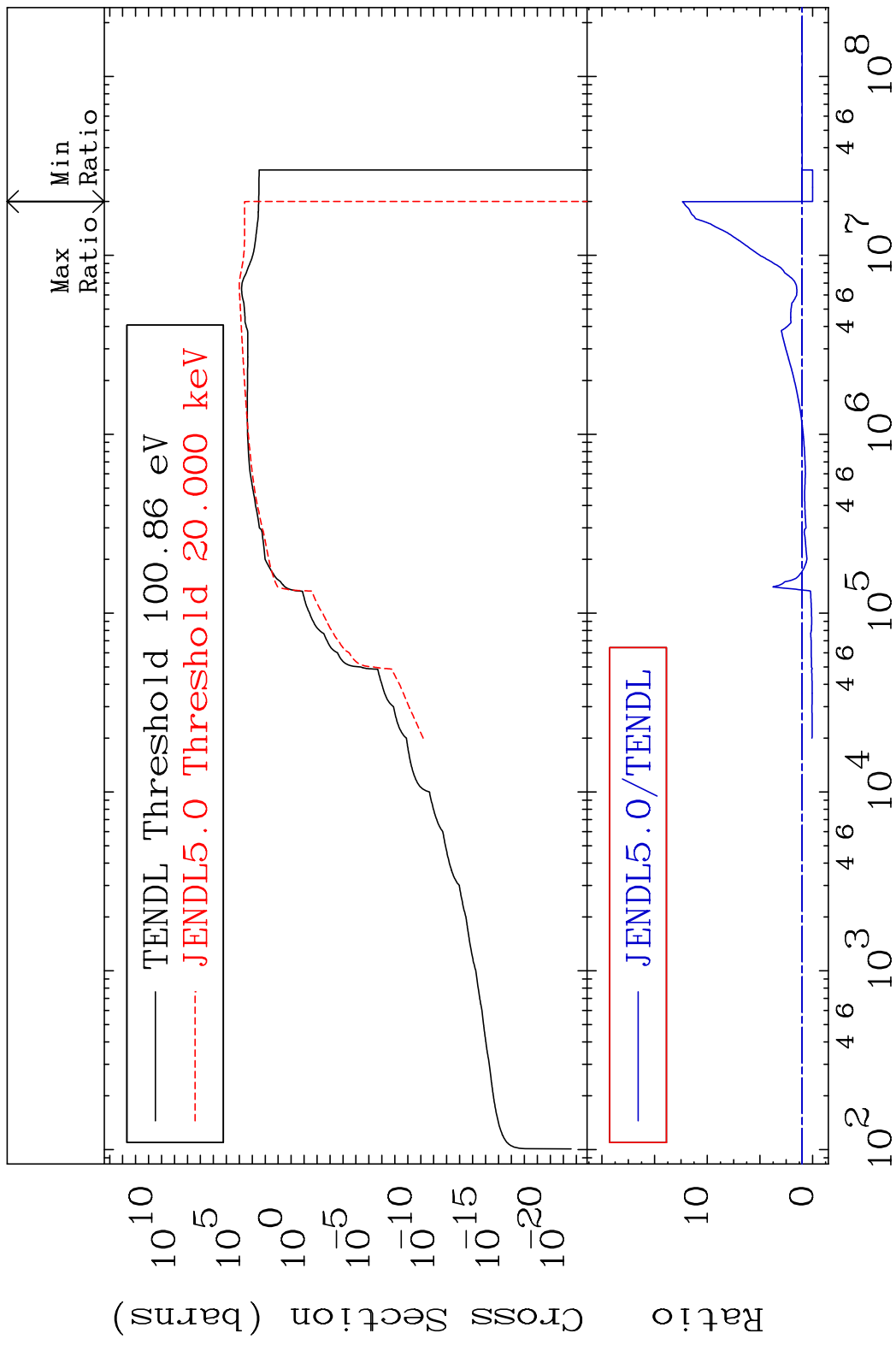


49

Incident Energy (eV)

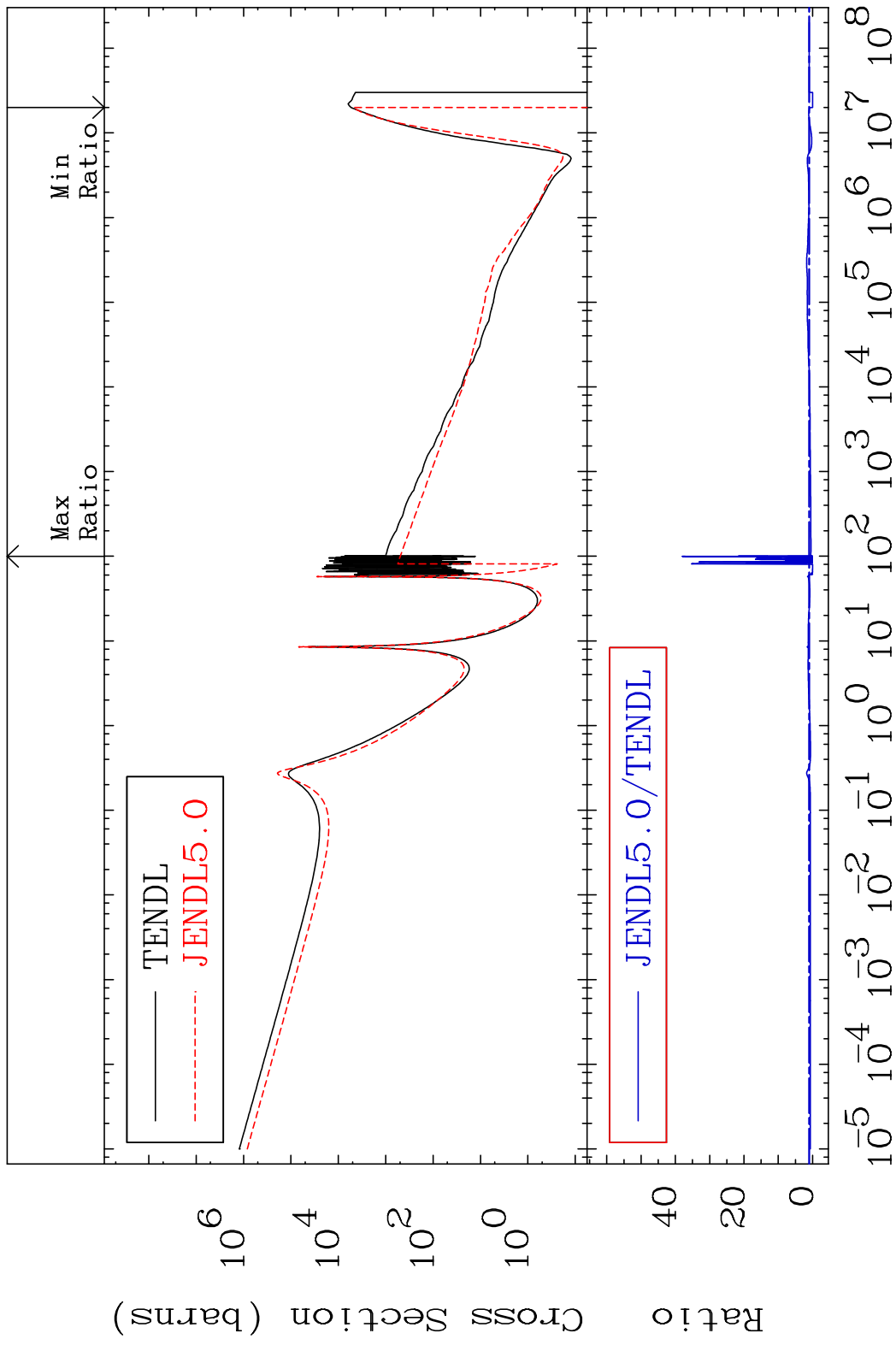
67-Ho-166m

MAT 6729 Dpa inelastic (mt51-91) 67-Ho-166m  
 Cross Section -100.0 To 1137. %

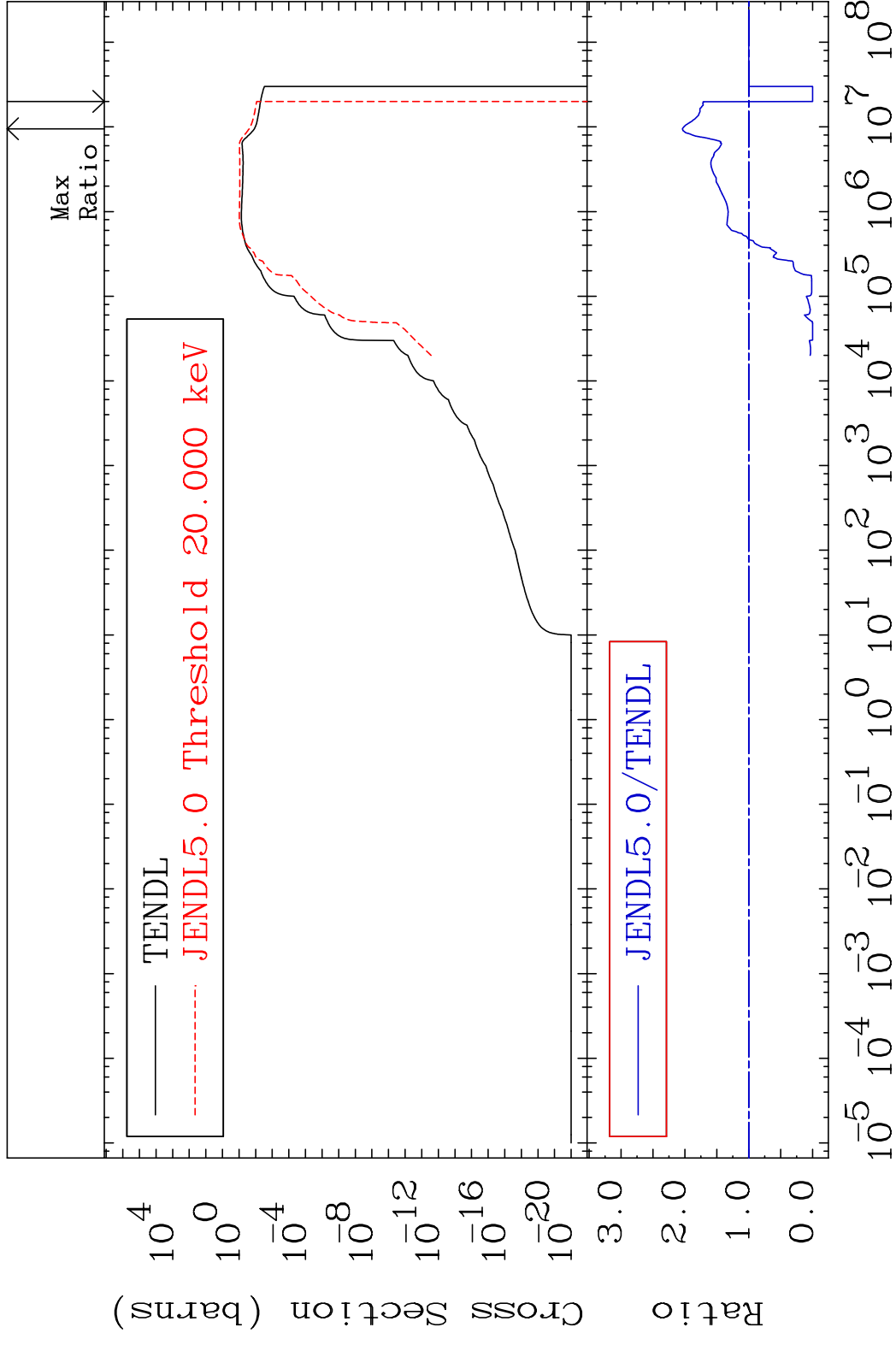


50 Incident Energy (eV) 67-Ho-166m

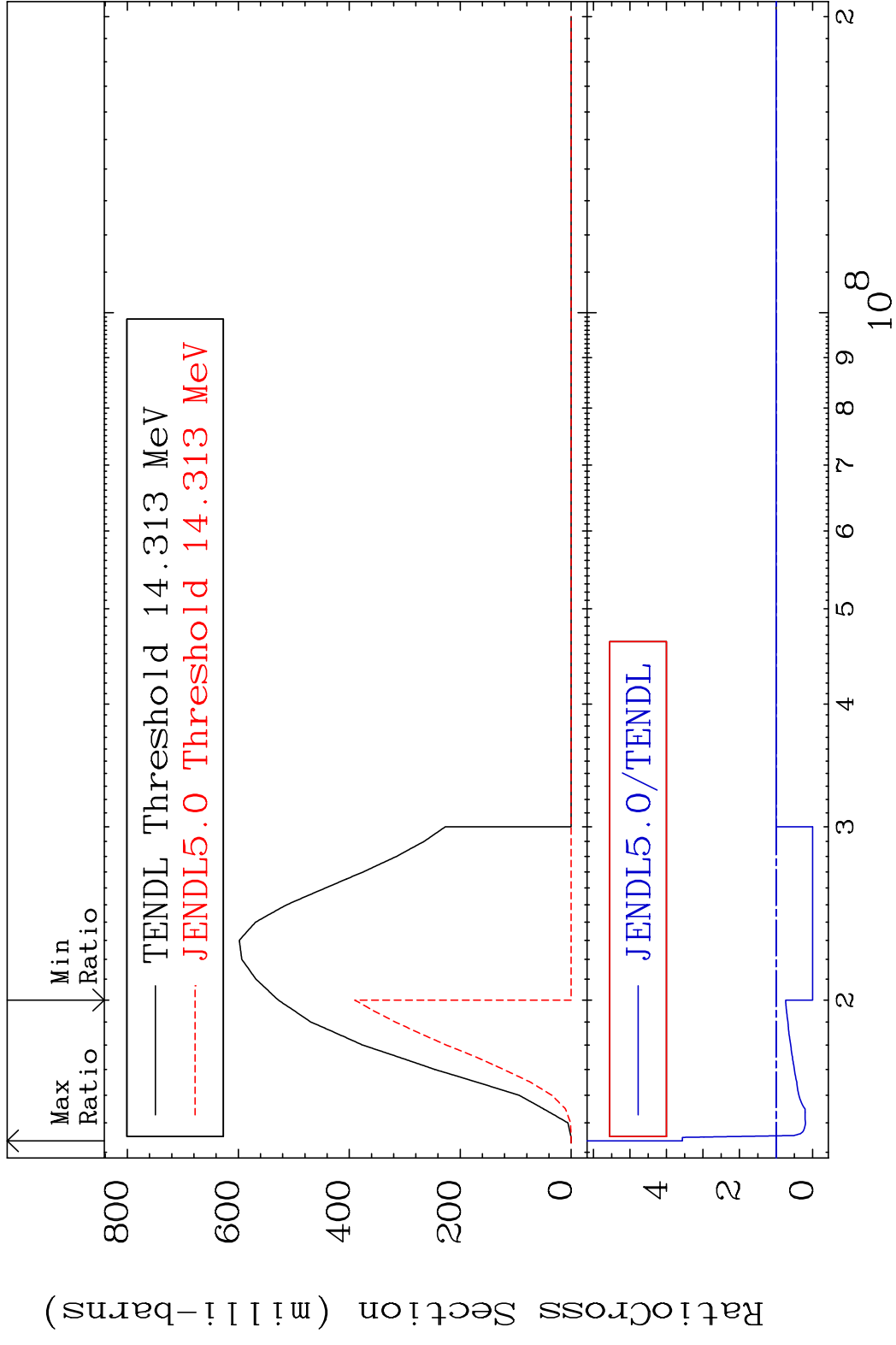
MAT 6729 Dpa disappearance (mt102 -120) 67-Ho-166m  
 Cross Section -100.0 To 3696. %

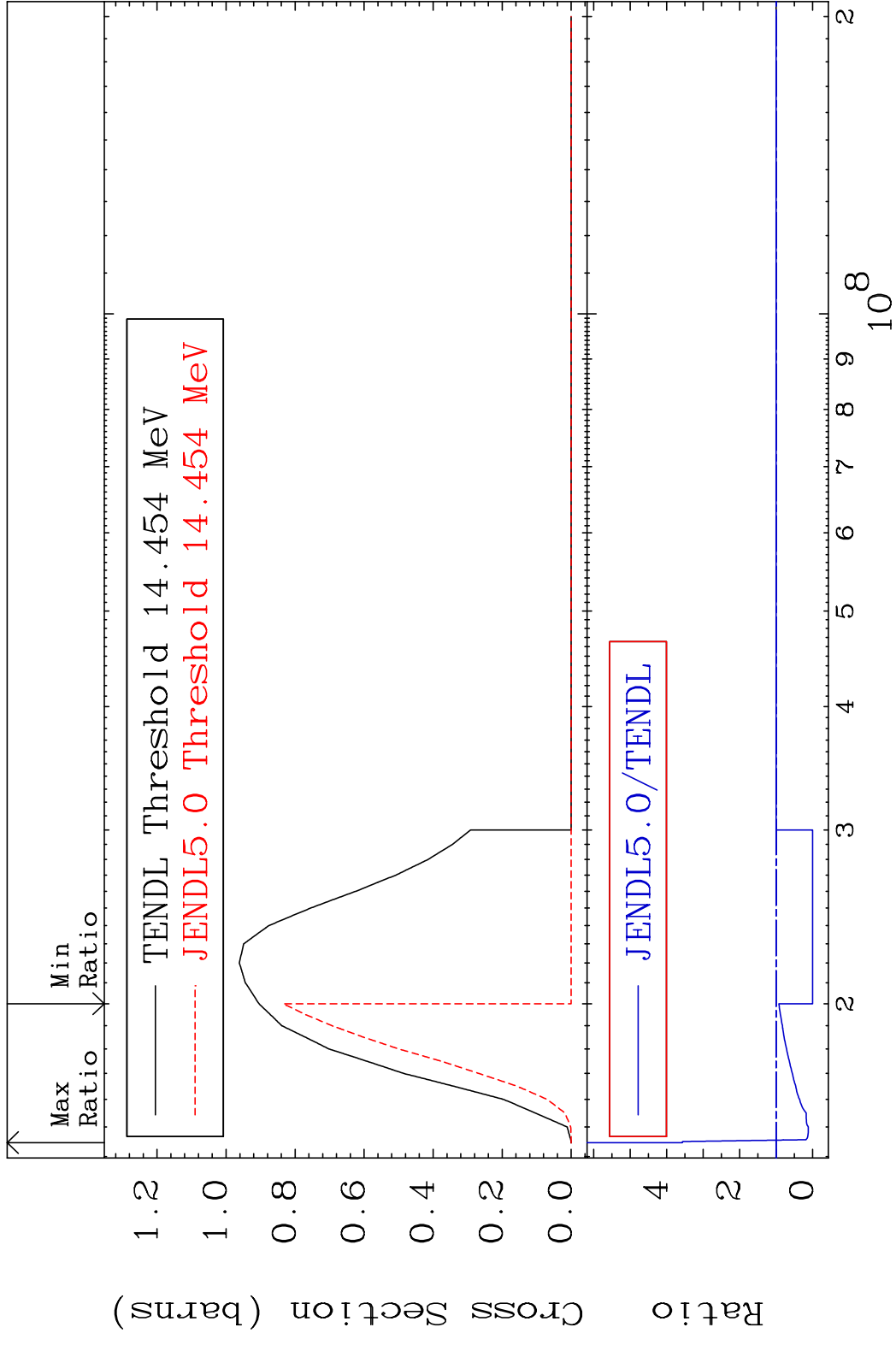


MAT 6729 Inelastic:67-Ho-166g 67-Ho-166m  
 Radionuclide Production Cross Section 104.0 %

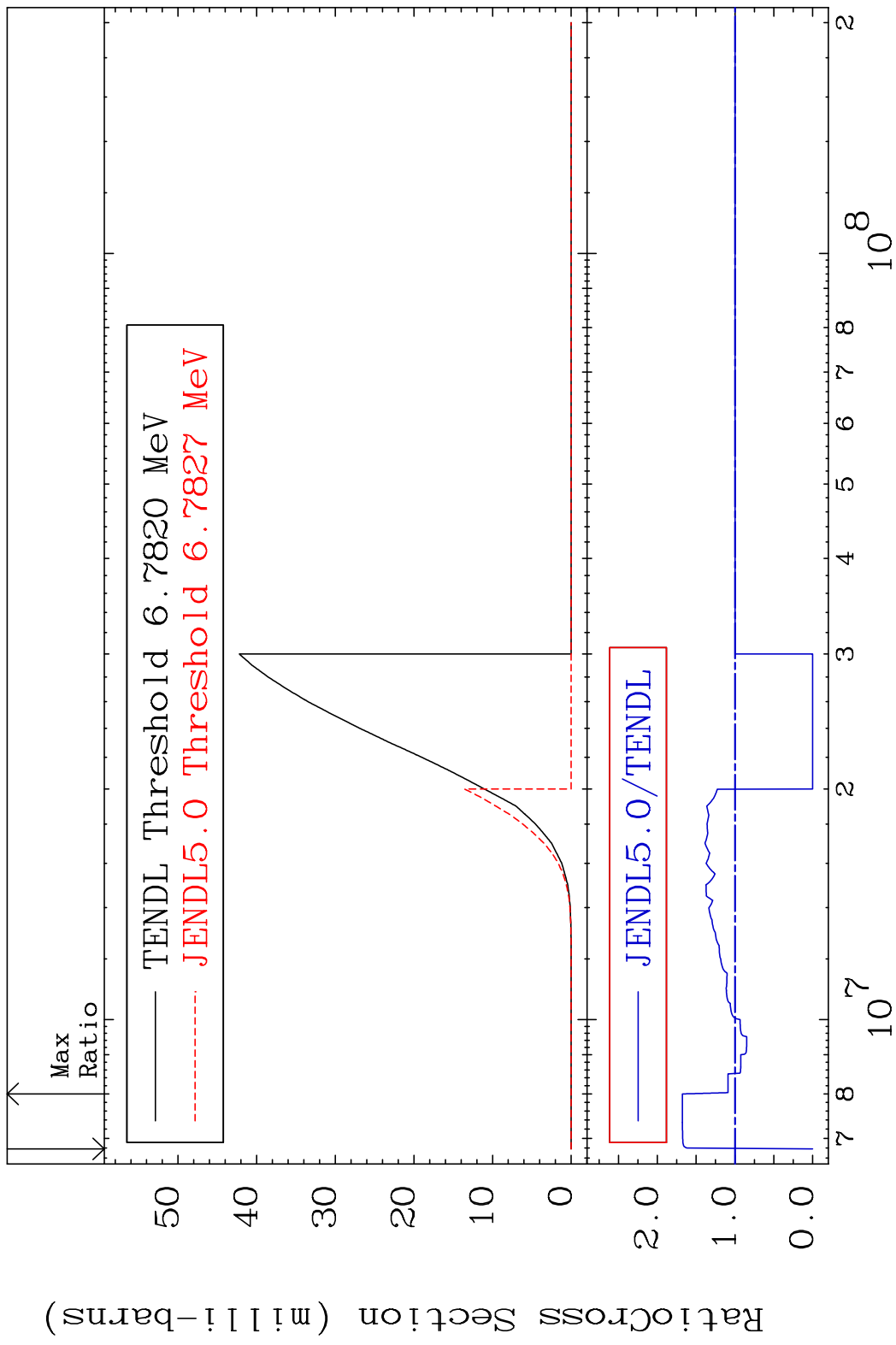


MAT 6729 (n,3n):67-Ho-164g 67-Ho-166m  
 Radionuclide Production Cross Section 180.01 dth 256.5 %



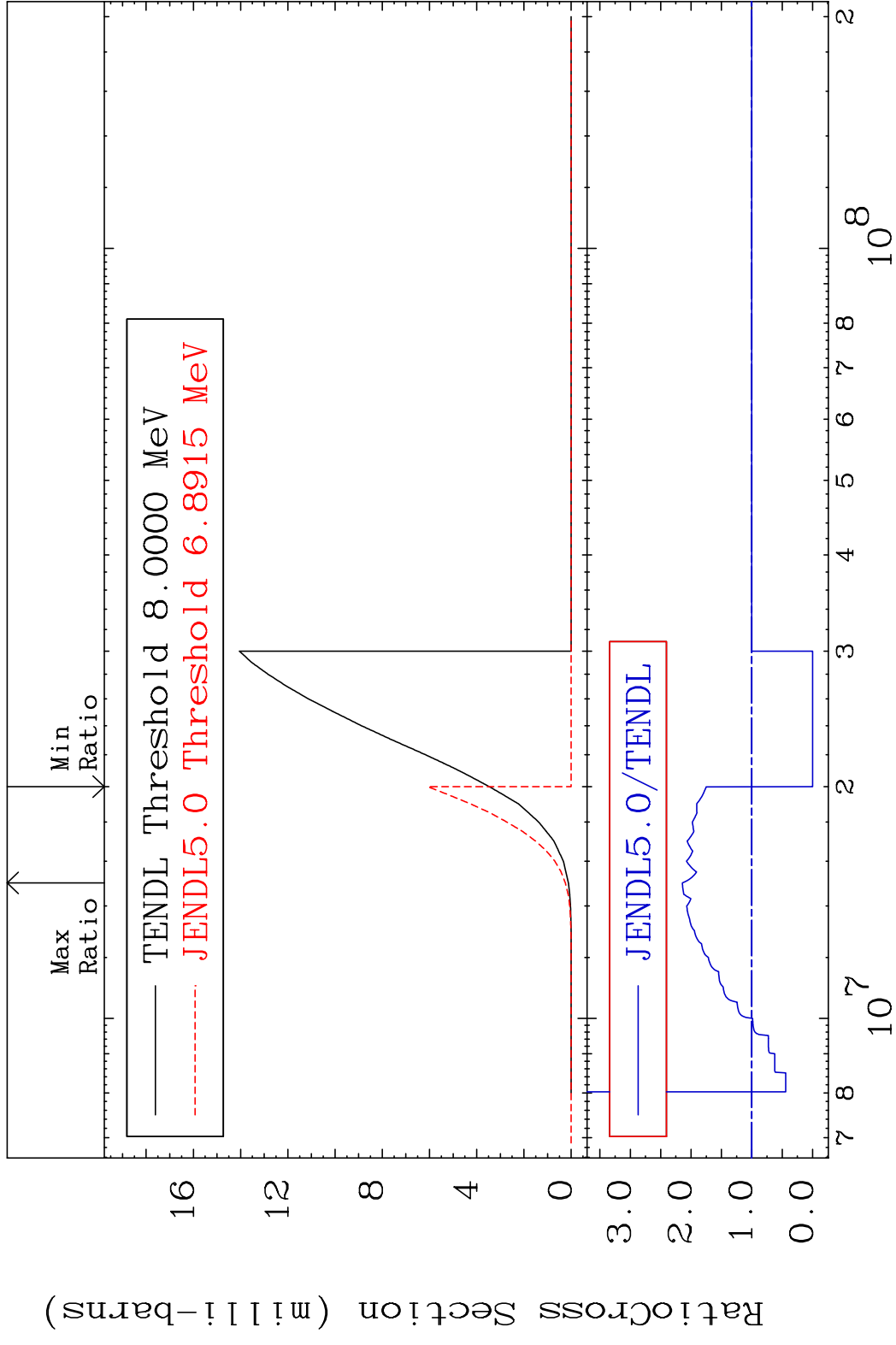


MAT 6729 (n, n') p:66-Dy-165g 67-Ho-166m  
 Radionuclide Production Cross Section Ratio 67.79 %

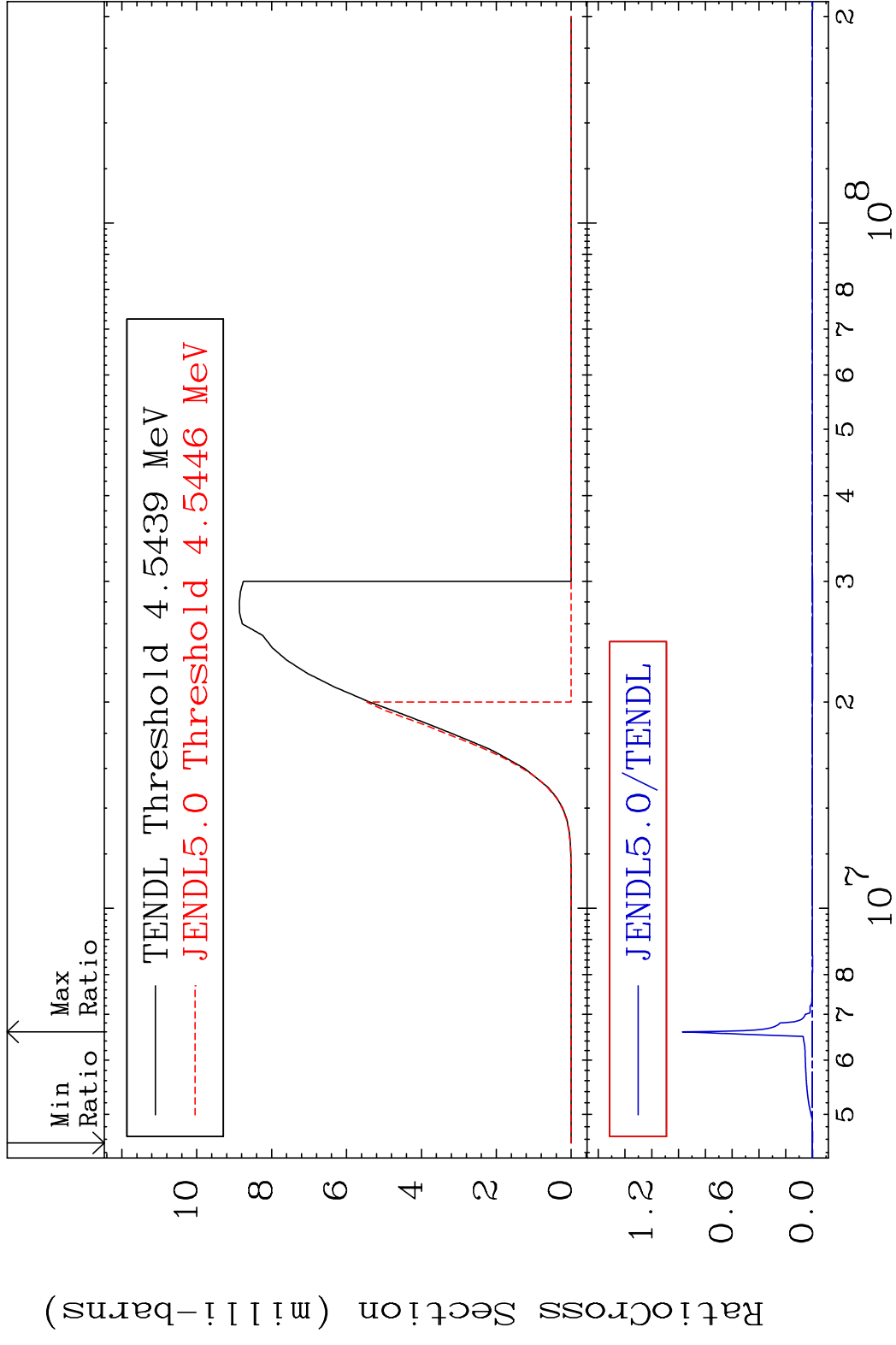




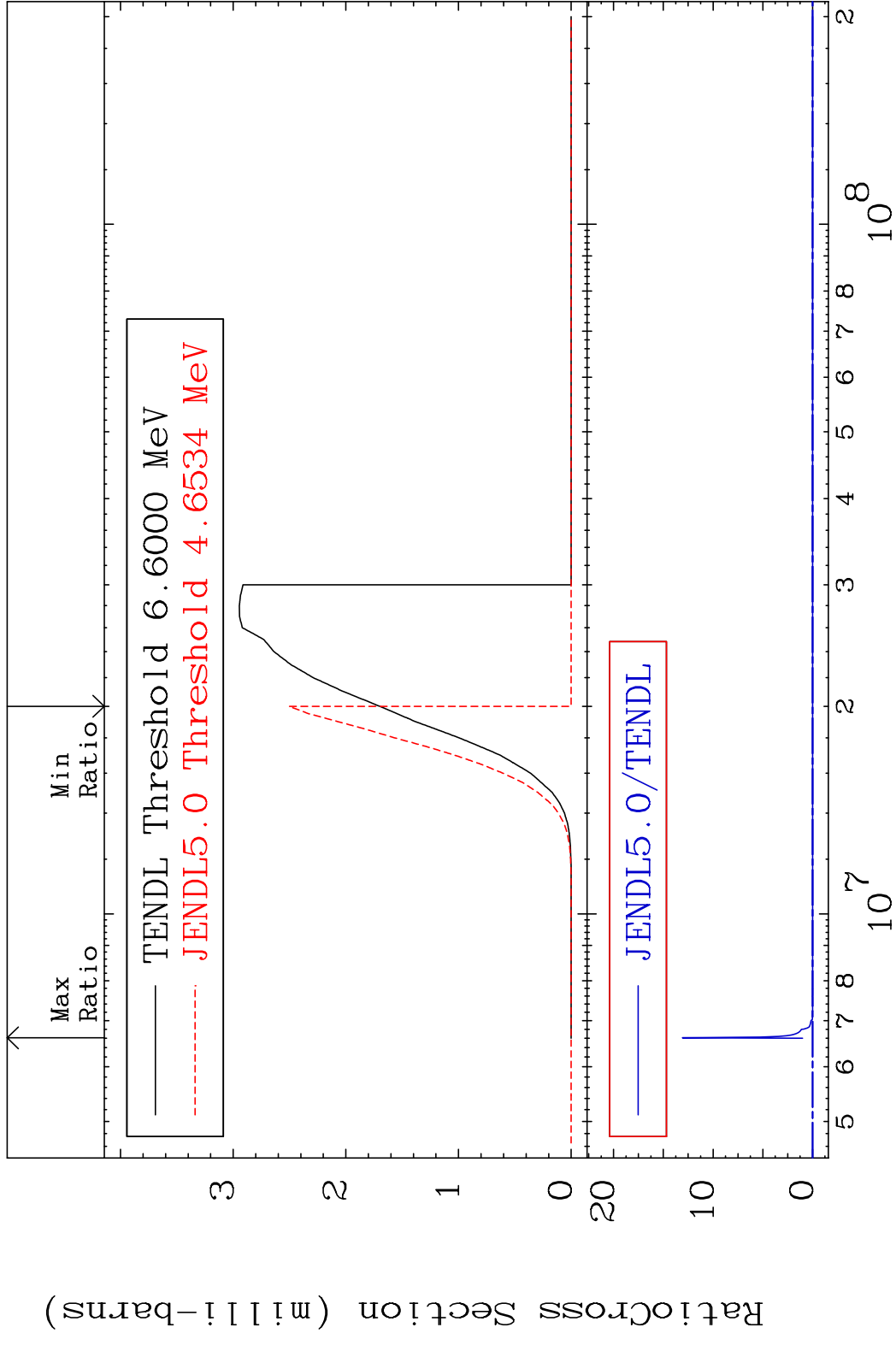
MAT 6729 (n, n') p:66-Dy-165m2 67-Ho-166m  
 Radionuclide Production Cross Section 180.01 dtho 114.3 %



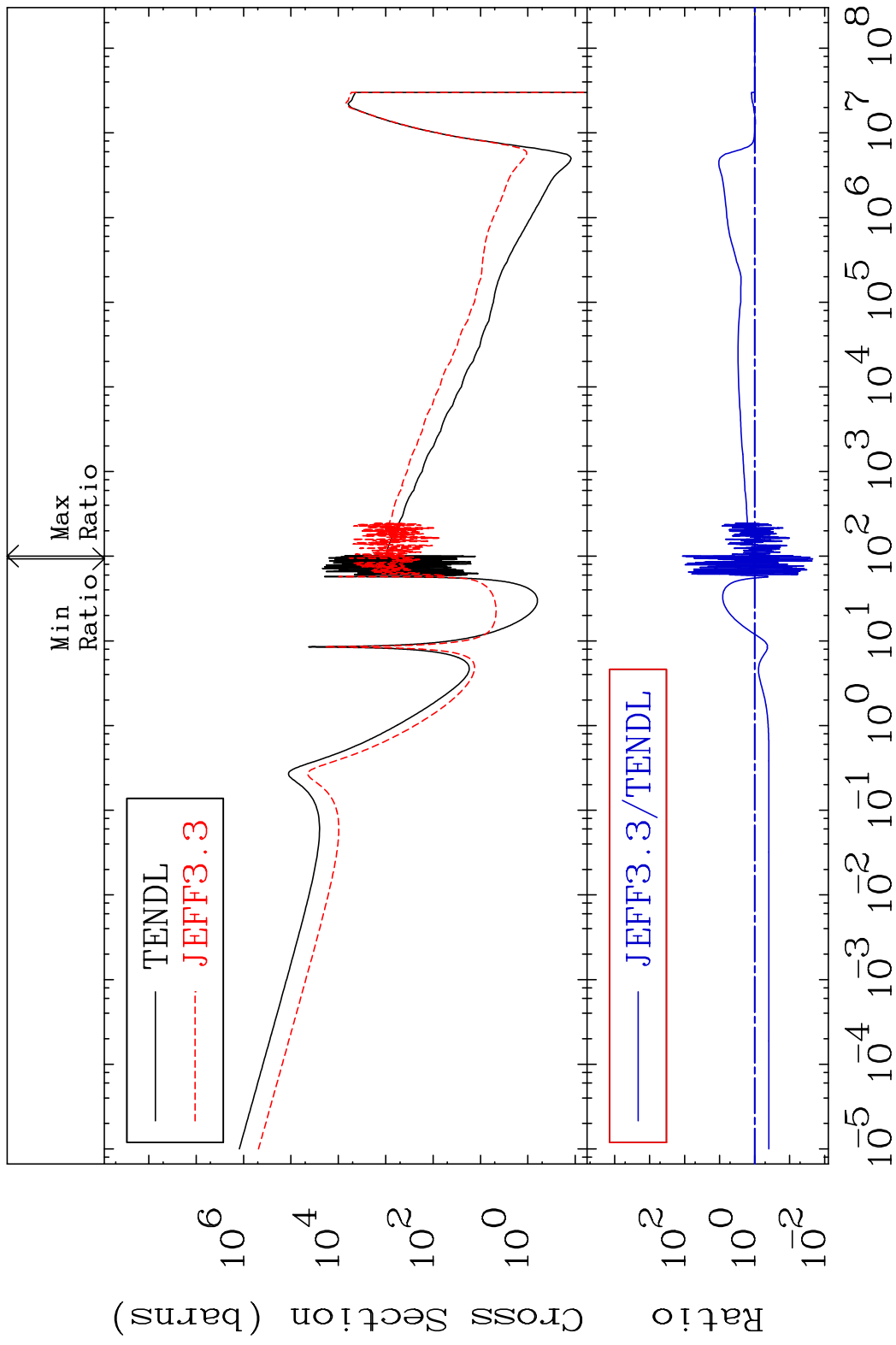
MAT 6729 (n, d):66-Dy-165g 67-Ho-166m  
 Radionuclide Production Cross Section (%)



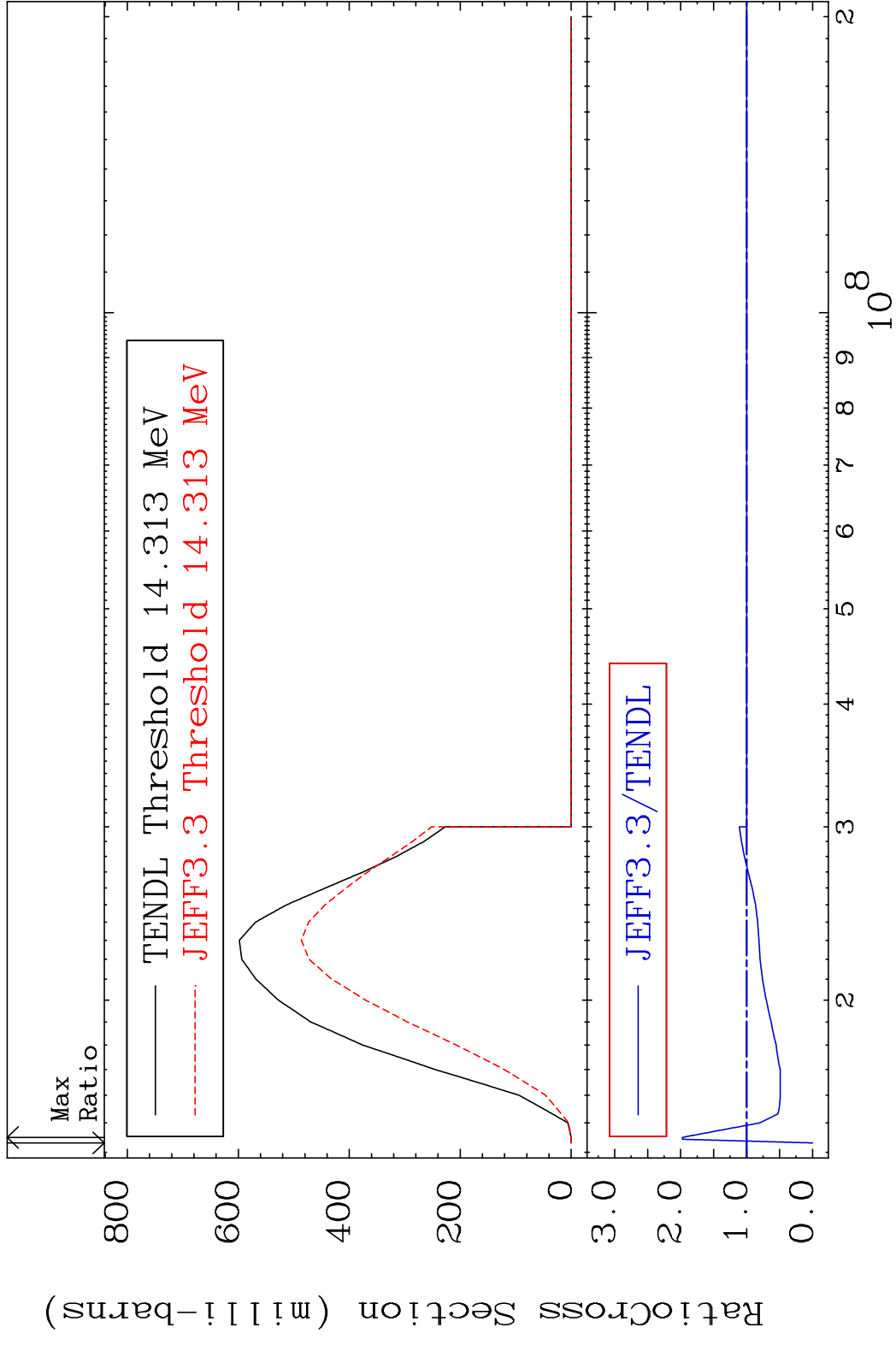
MAT 6729 (n, d):66-Dy-165m2 67-Ho-166m  
 Radionuclide Production Cross Section to 9999. %



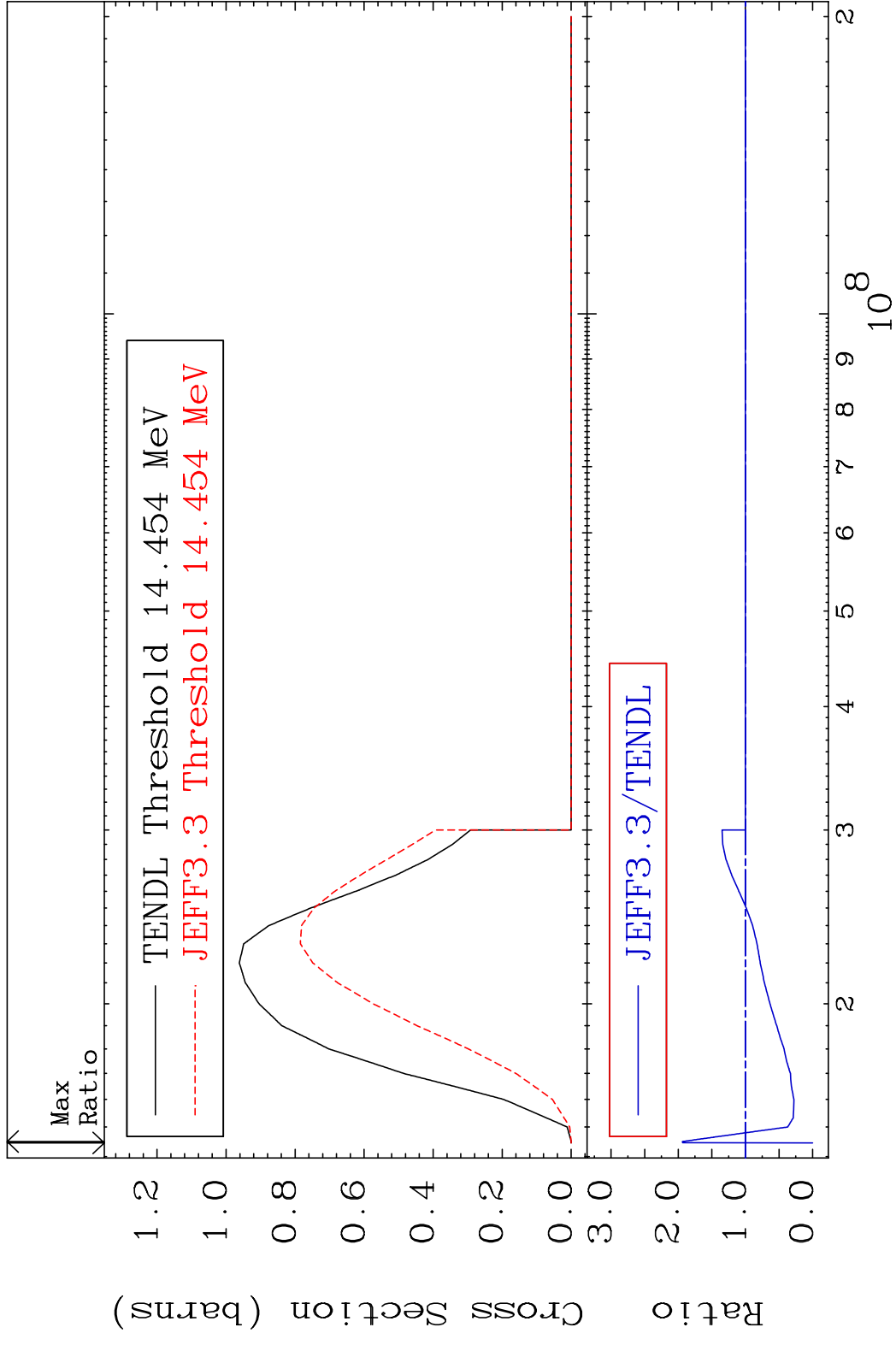
MAT 6729 Dpa disappearance (mt102 -120) 67-Ho-166m  
 Cross Section -97.79 To 9999. %



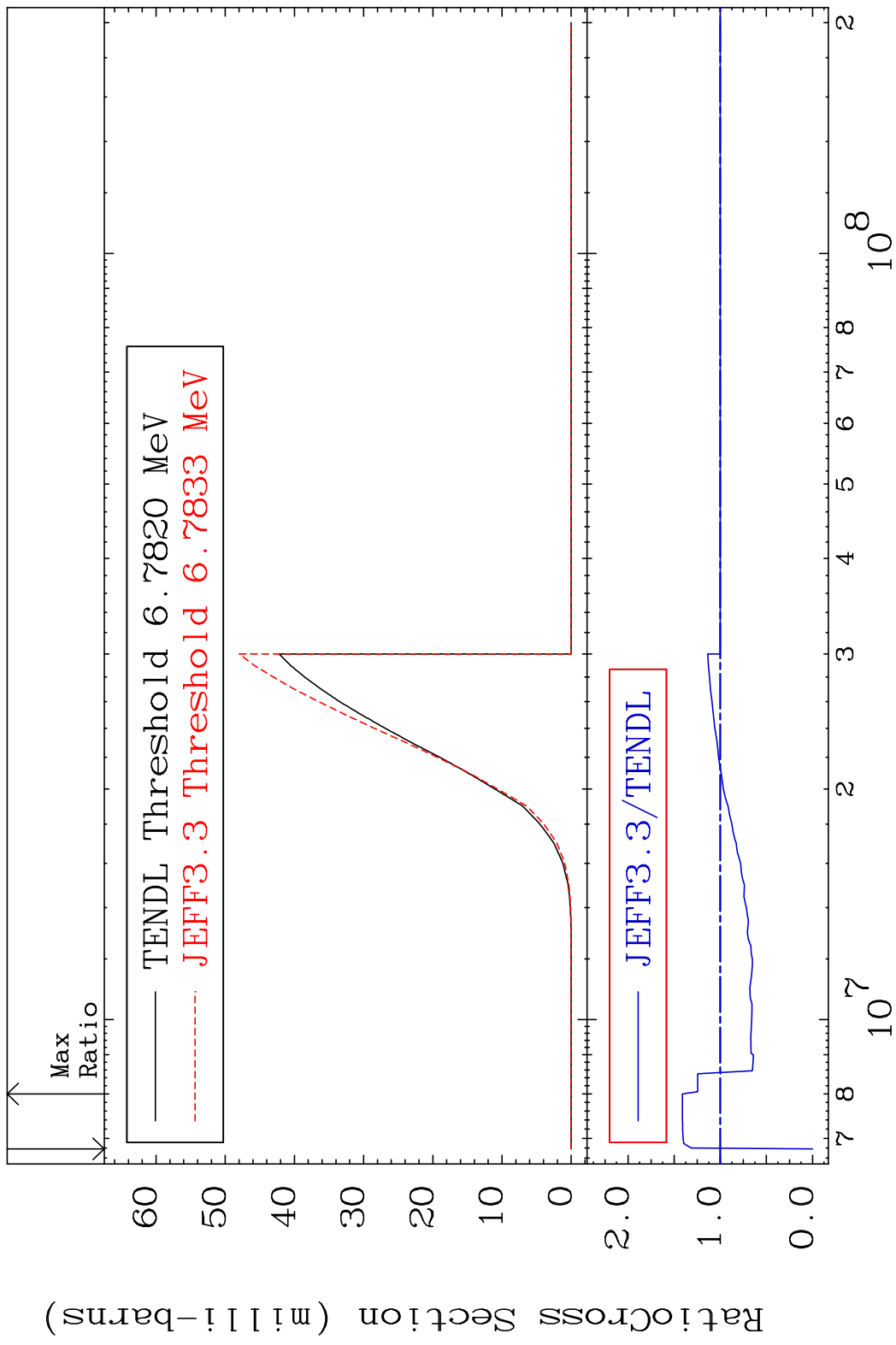
MAT 6729 (n,3n):67-Ho-164g 67-Ho-166m  
 Radionuclide Production Cross Section 180.01 dth 97.42 %

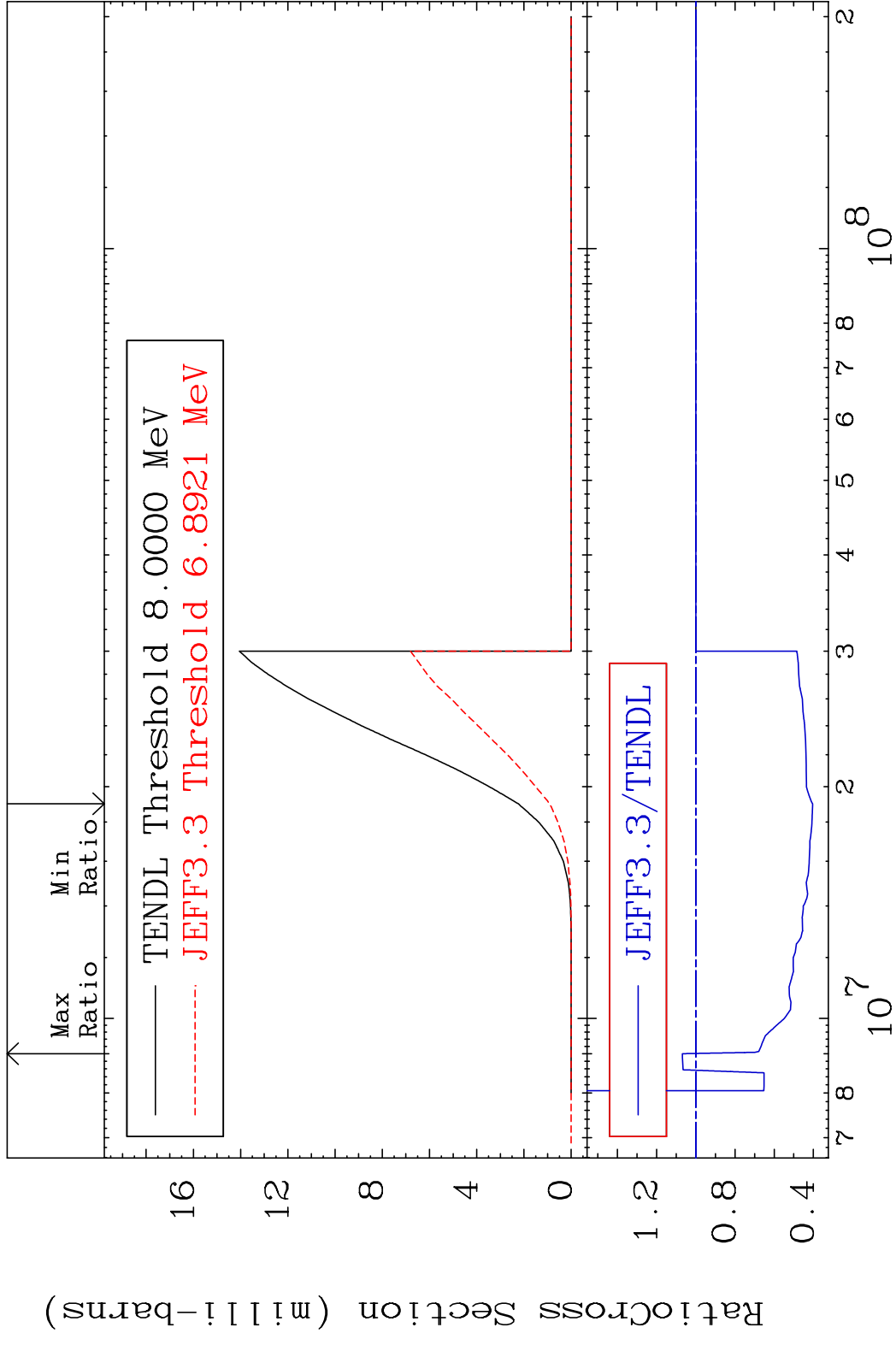


MAT 6729 (n, 3n):67-Ho-164m3 67-Ho-166m  
 Radionuclide Production Cross Section to Incident Ratio 93.87 %



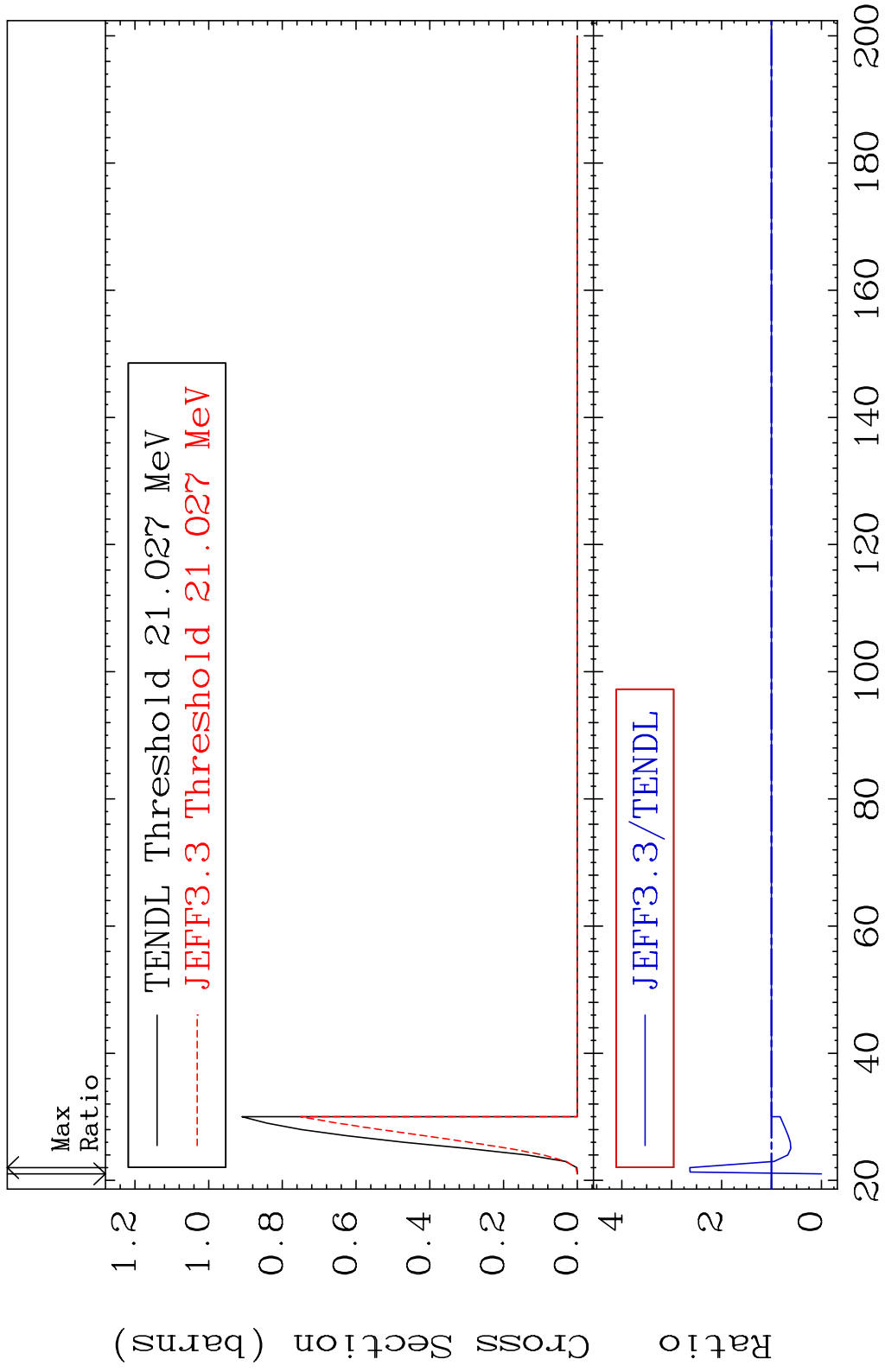
MAT 6729 (n, n') p:66-Dy-165g 67-Ho-166m  
 Radionuclide Production Cross Section 180.01 dtho 41.12 %



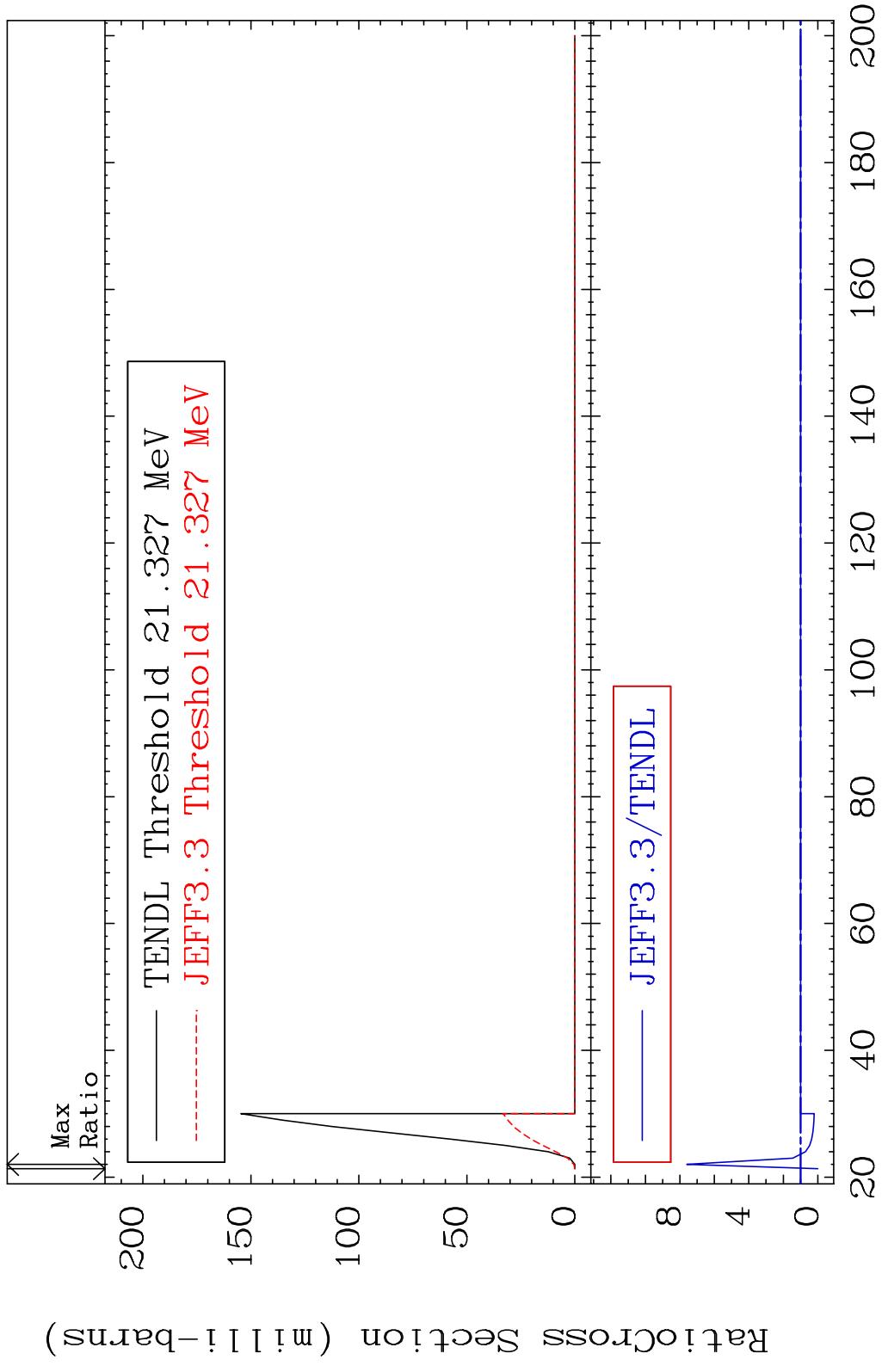




MAT 6729 (n,4n):67-Ho-163g 67-Ho-166m  
 Radionuclide Production Cross Section 180.01 dth 163.7 %

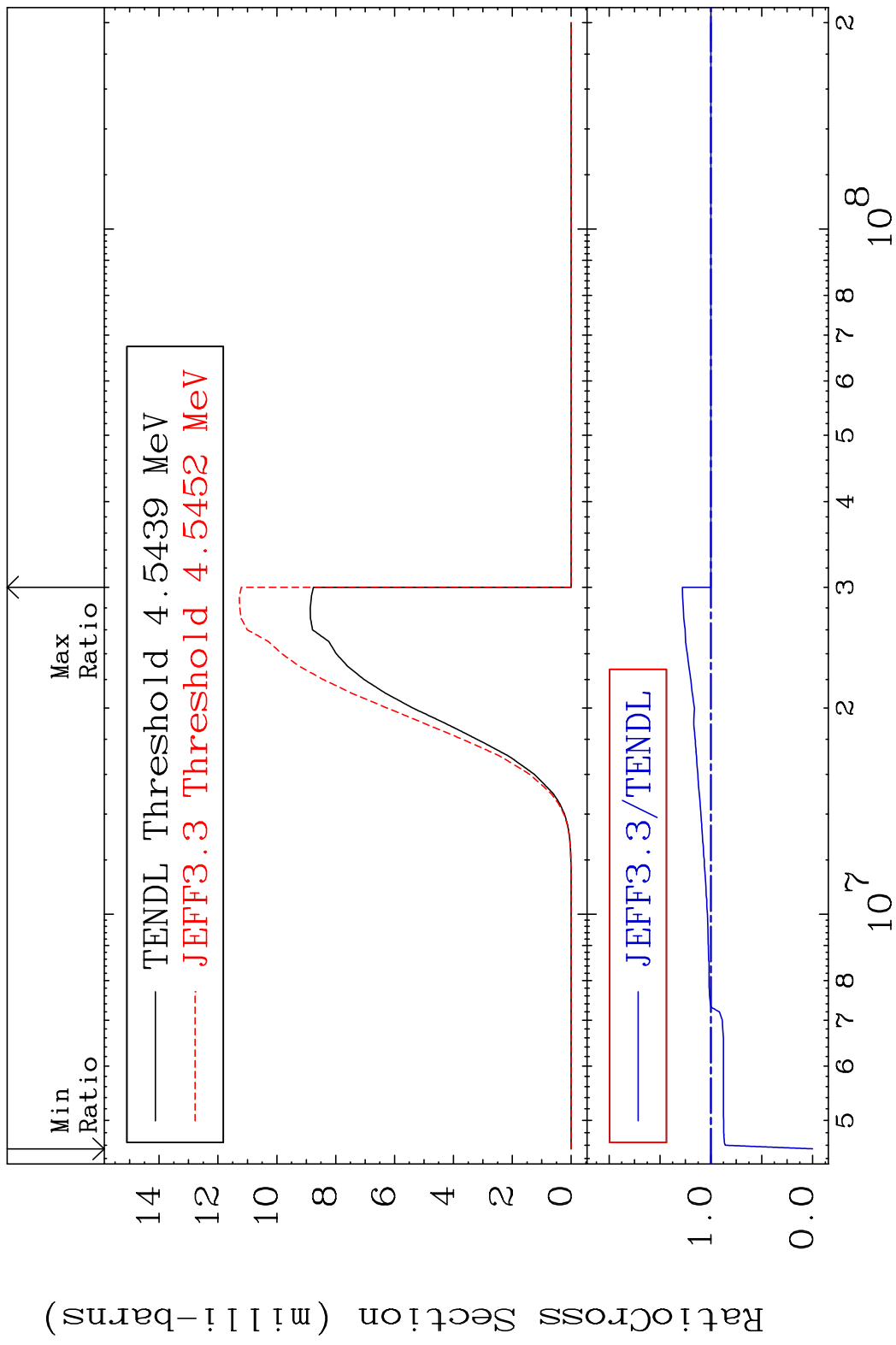


MAT 6729 (n, 4n):67-Ho-163m3 67-Ho-166m  
 Radionuclide Production Cross Section 180.01 dth 660.1 %



65 Incident Energy (MeV) 67-Ho-166m

MAT 6729 (n, d):66-Dy-165g 67-Ho-166m  
 Radionuclide Production Cross Section 18000 dth 27.99 %



MAT 6729 (n, d): 66-Dy-165m2 67-Ho-166m  
 Radionuclide Production Cross Section 49.001 d0 27.79 %

