

Program Complot  
(Version 2021-1)

by

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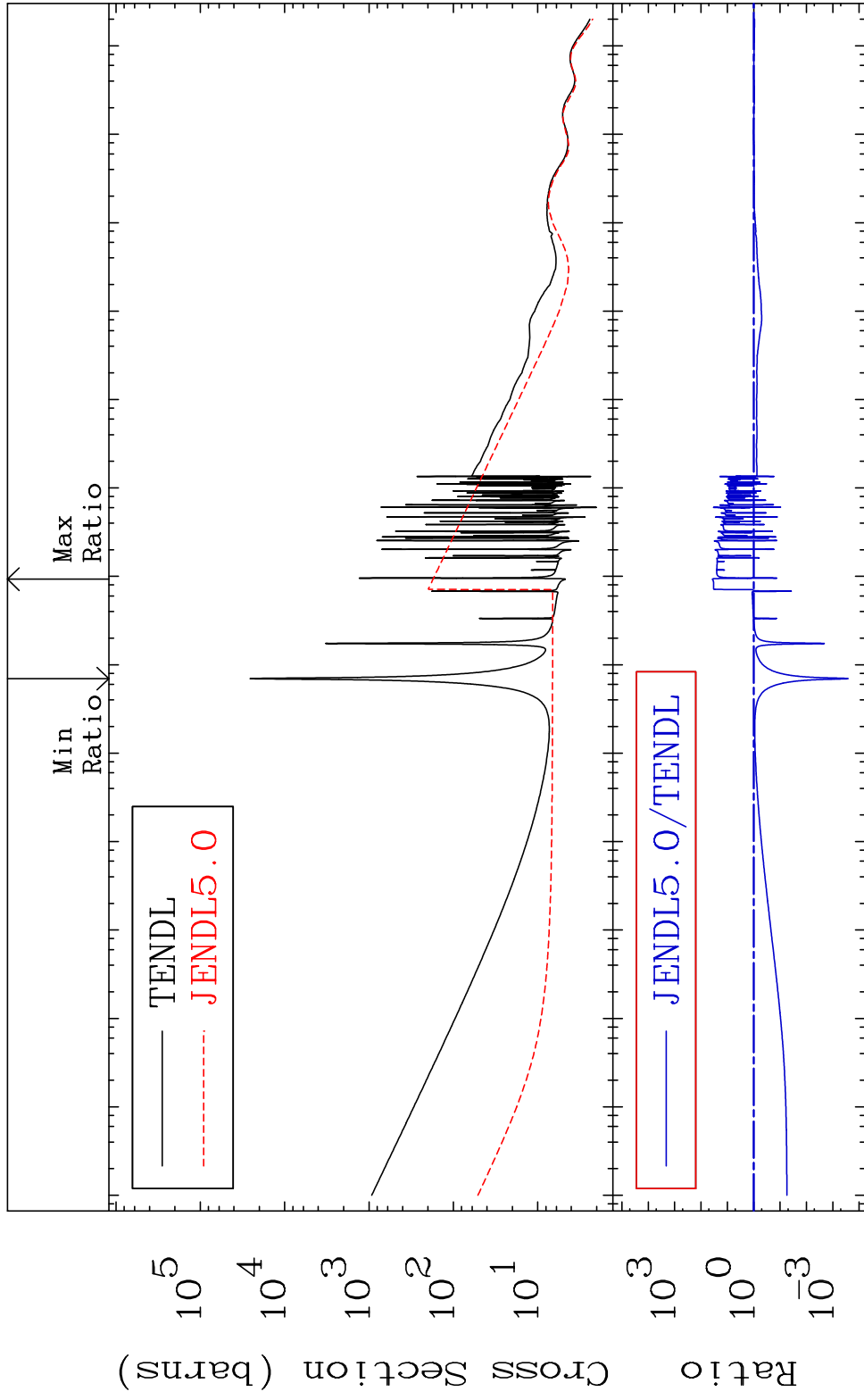
Press Mouse Button to Start

MAT 6231

Total

62-Sm-146

Cross Section -99.97 To 3604. %



1

Incident Energy (eV)

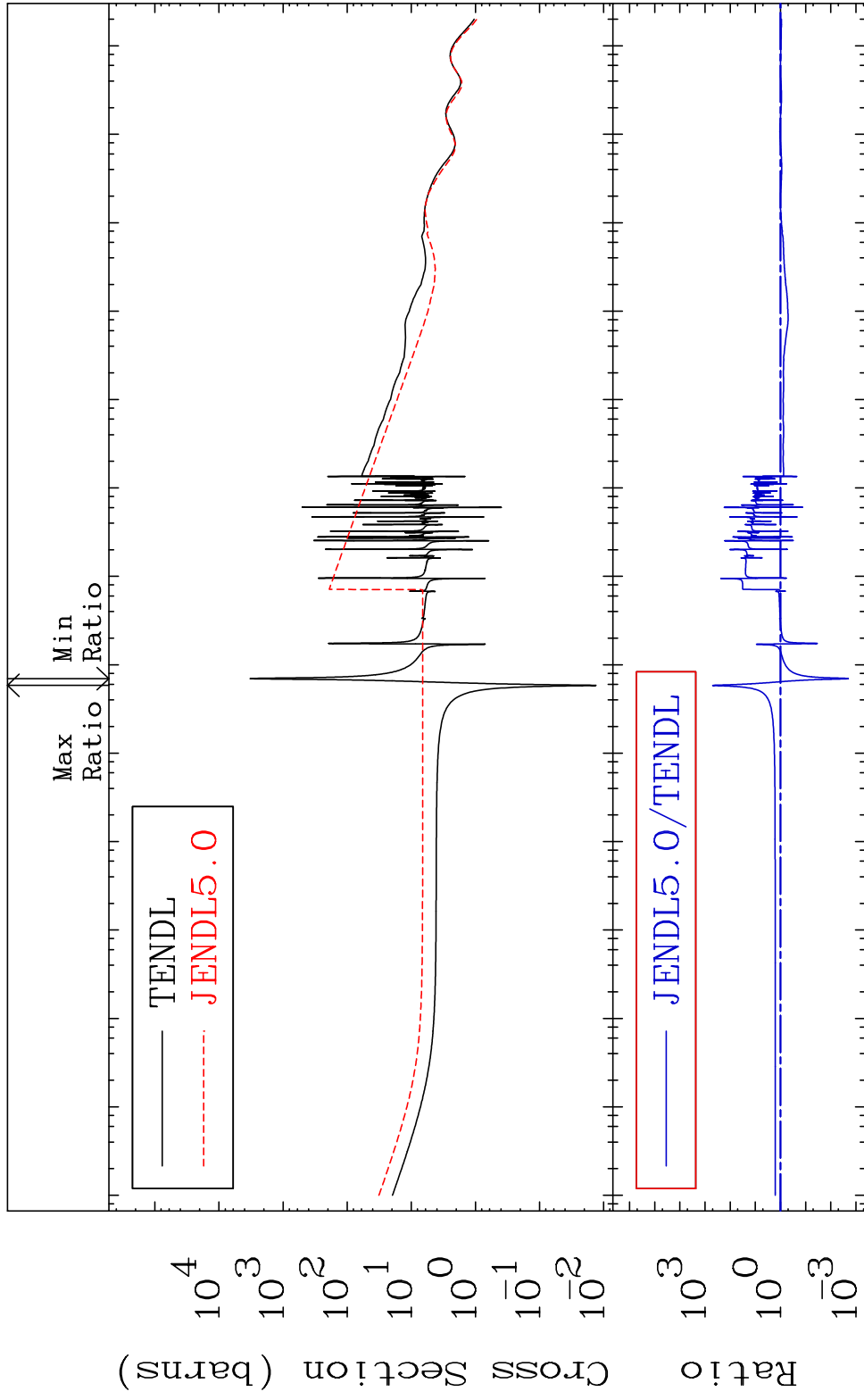
62-Sm-146

MAT 6231

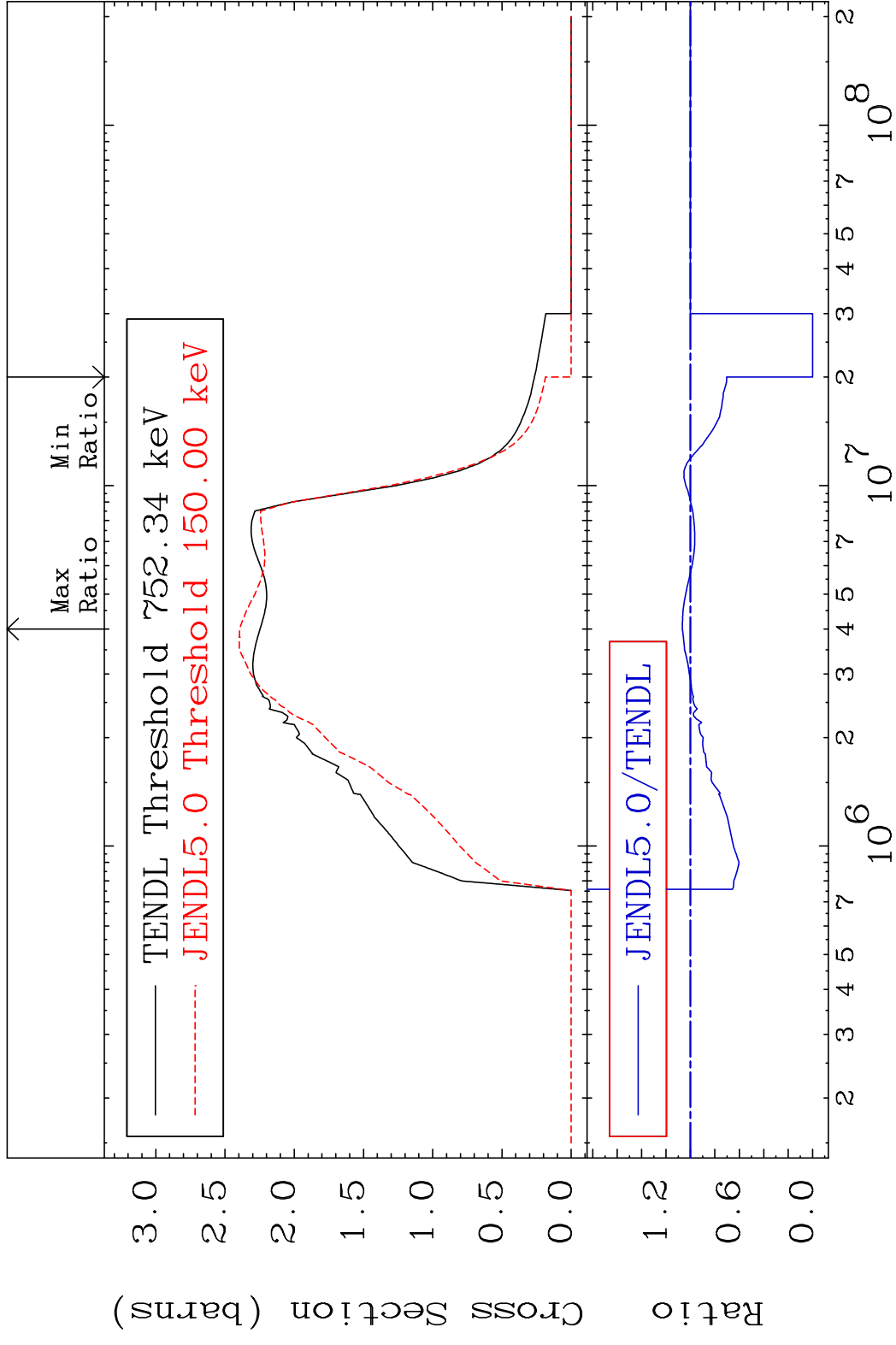
Elastic

62-Sm-146

Cross Section -99.80 To 9999. %



MAT 6231 Inelastic Cross Section -100.0 To 6.626 % 62-Sm-146

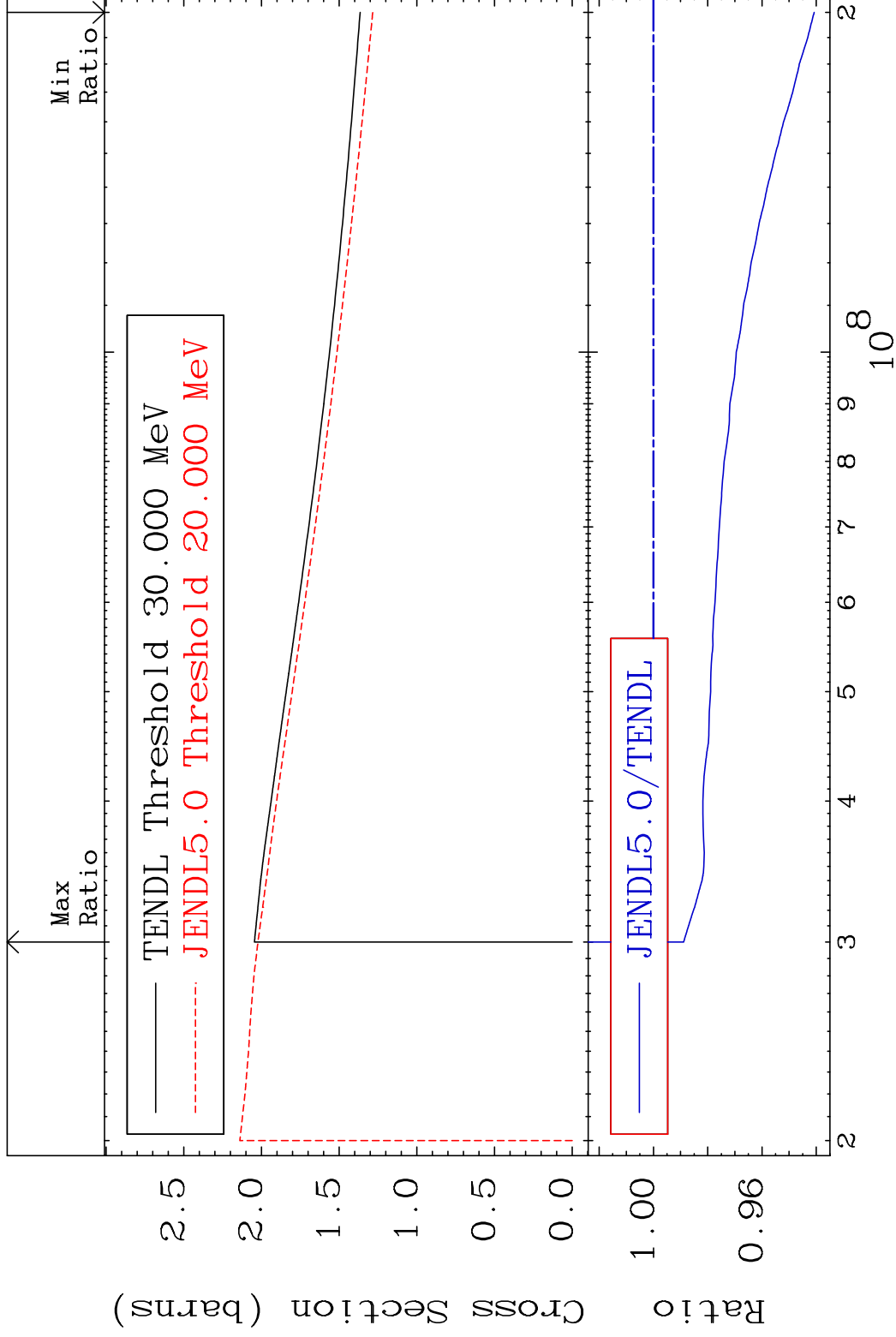


MAT 6231

(n, remainder)

62-Sm-146

Cross Section -5.920 To -1.114%



4

Incident Energy (eV)

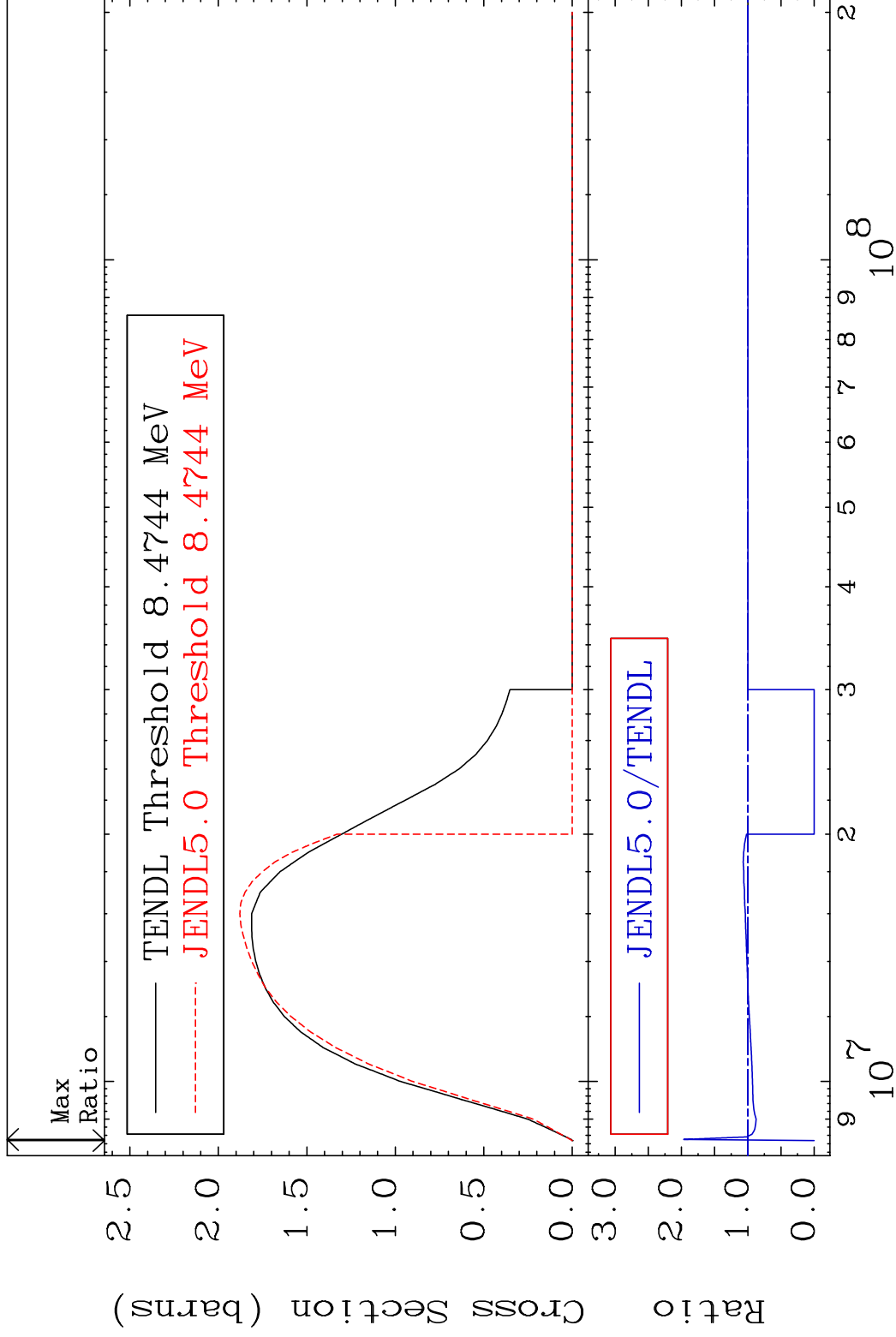
62-Sm-146

MAT 6231

(n,2n)

62-Sm-146

Cross Section -100.0 To 96.69 %



5

Incident Energy (eV)

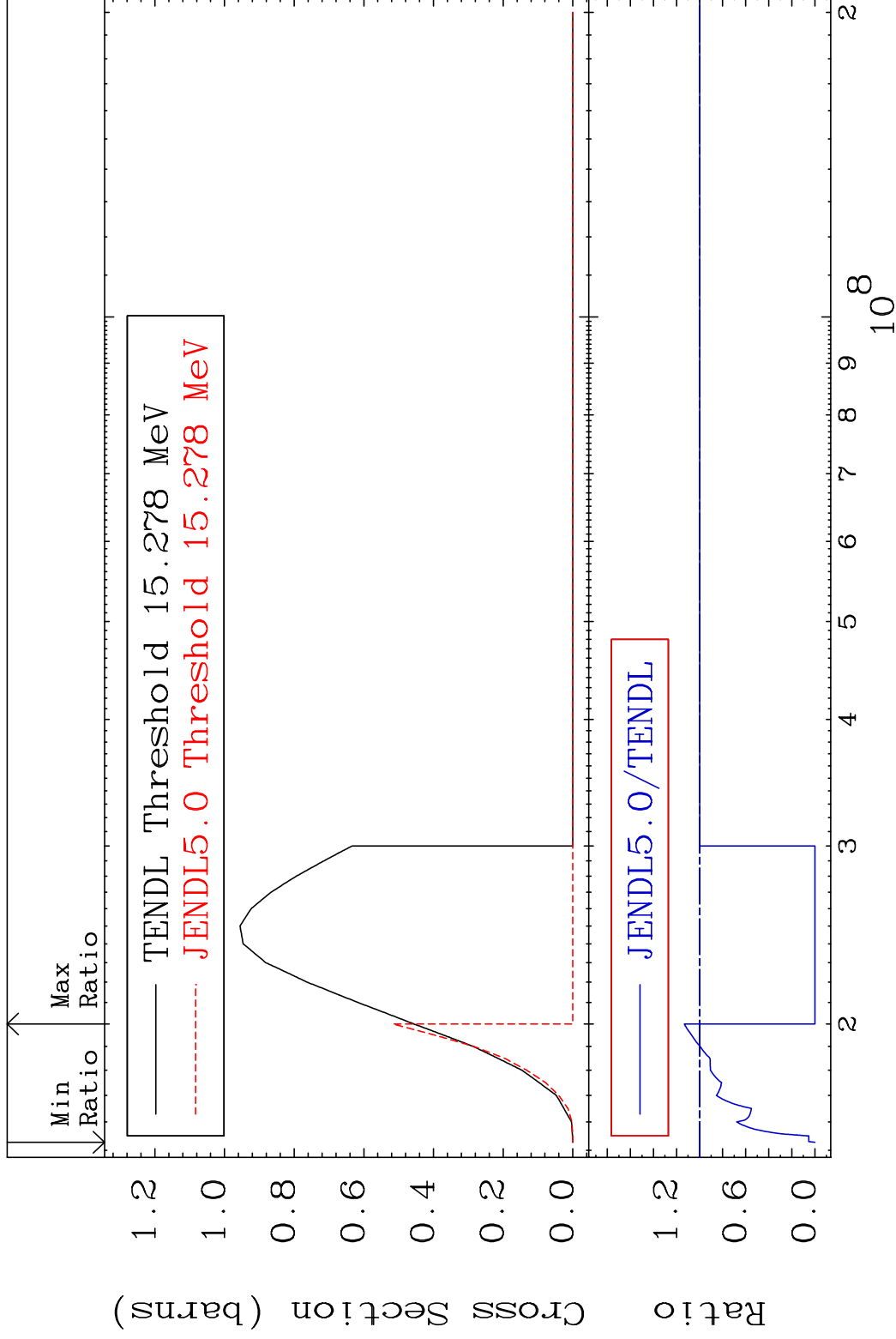
62-Sm-146

MAT 6231

(n,3n)

62-Sm-146

Cross Section -100.0 To 13.25 %



6

Incident Energy (eV)

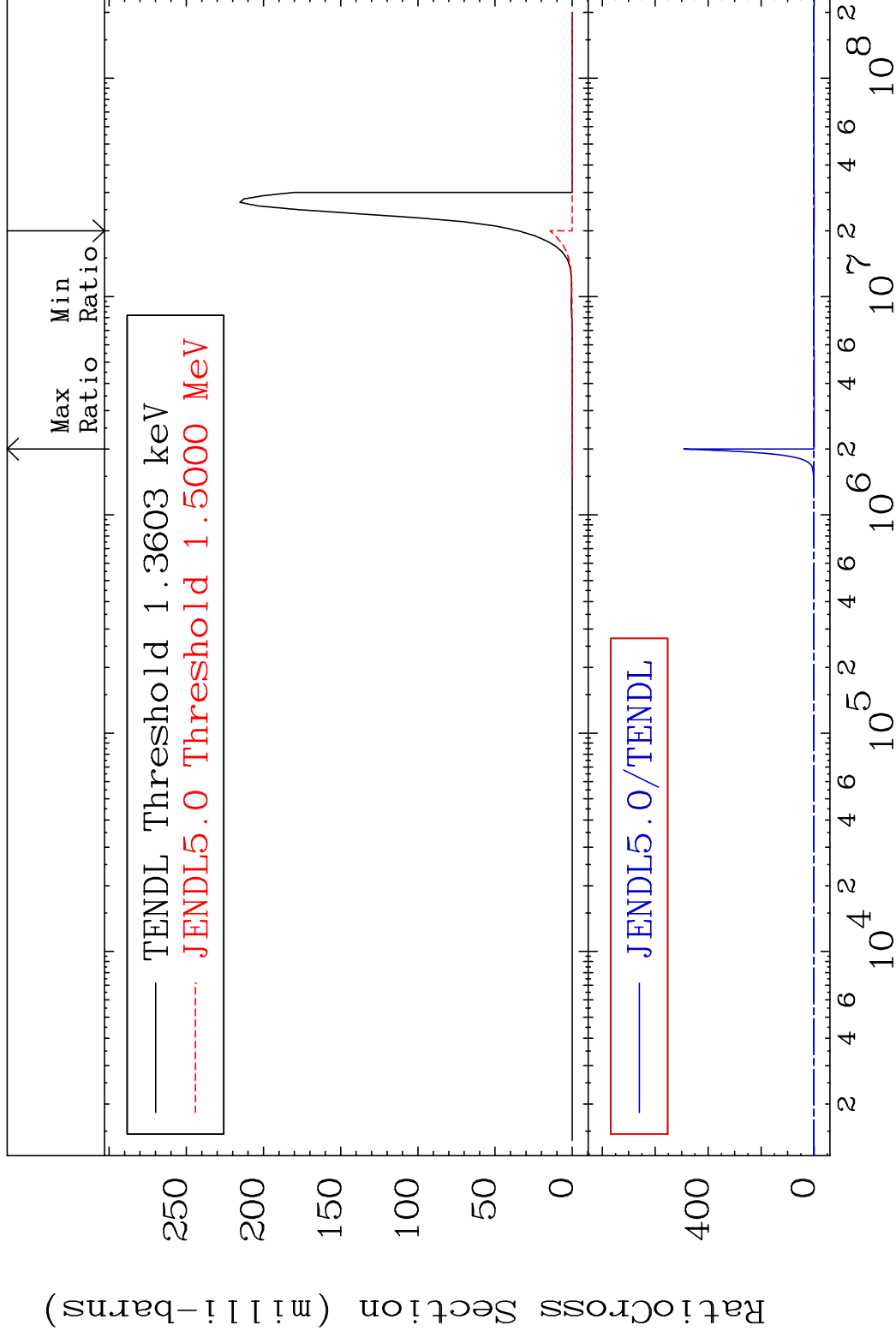
62-Sm-146

MAT 6231

(n, n')  $\alpha$

62-Sm-146

Cross Section -100.0 To 9999. %

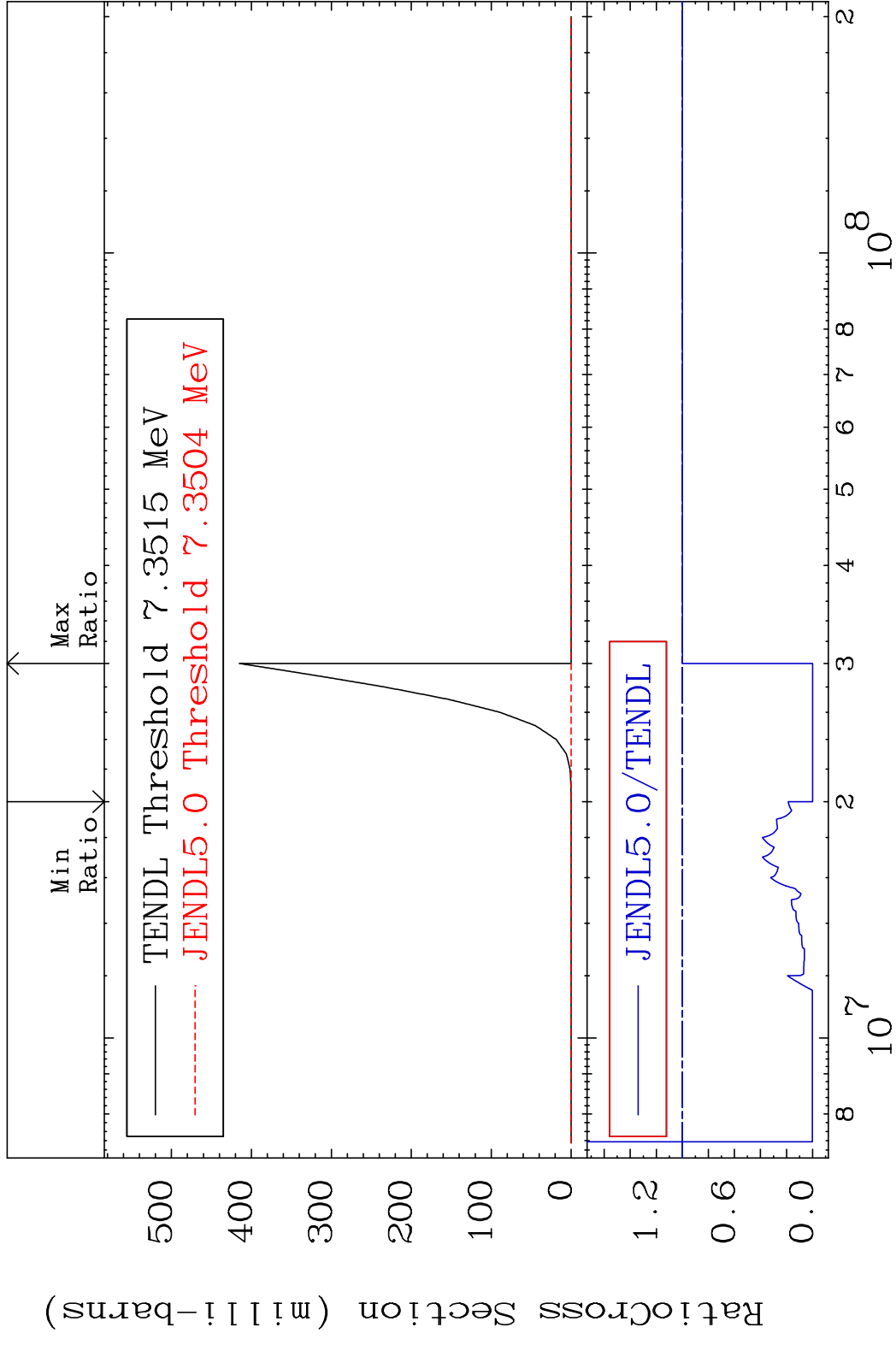


7

Incident Energy (eV)

62-Sm-146

MAT 6231 (n,2n)  $\alpha$  62-Sm-146  
 Cross Section -100.0 To 0.000 %



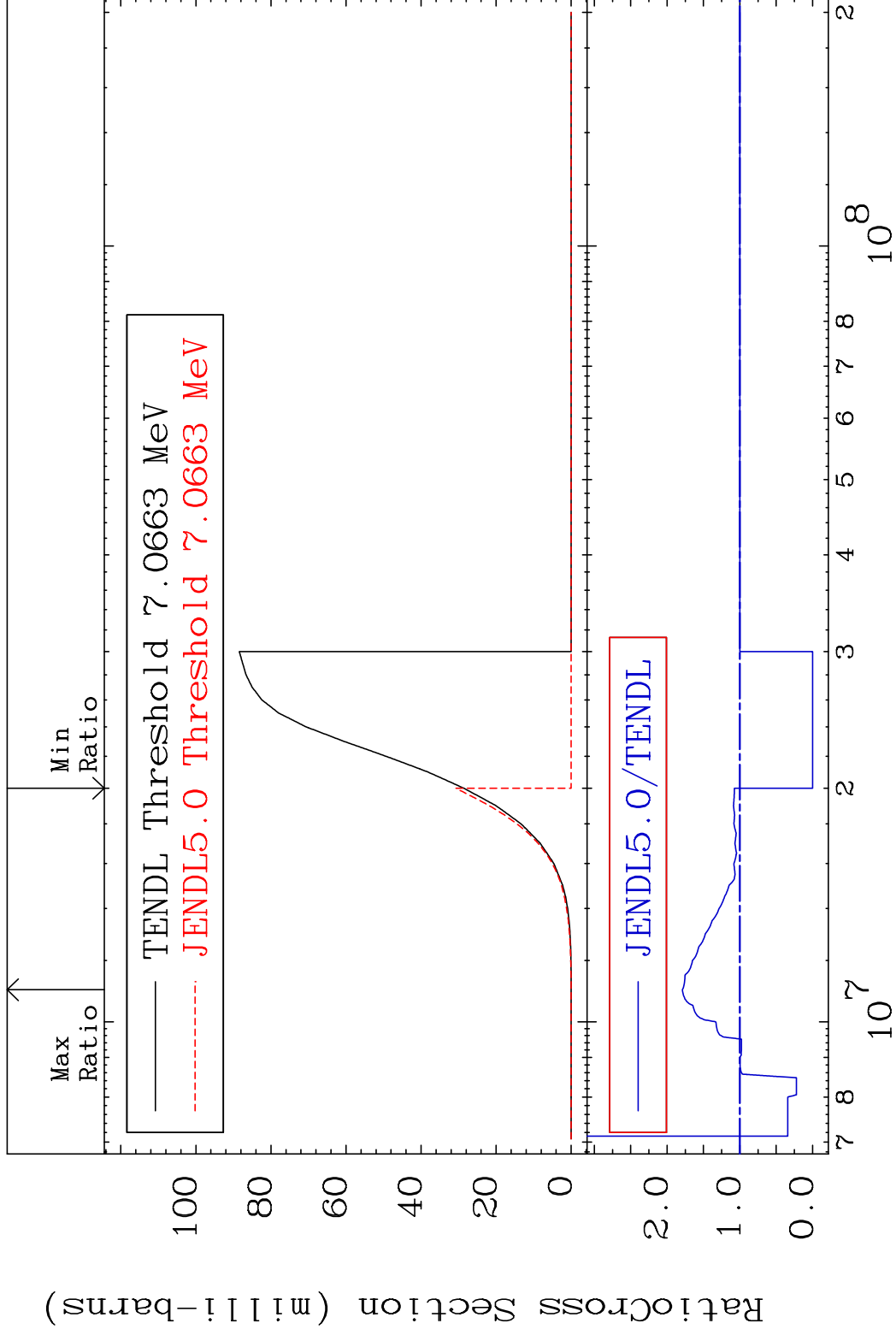
8 8 Incident Energy (eV) 62-Sm-146

MAT 6231

(n, n') p

62-Sm-146

Cross Section -100.0 To 79.02 %



9

Incident Energy (eV)

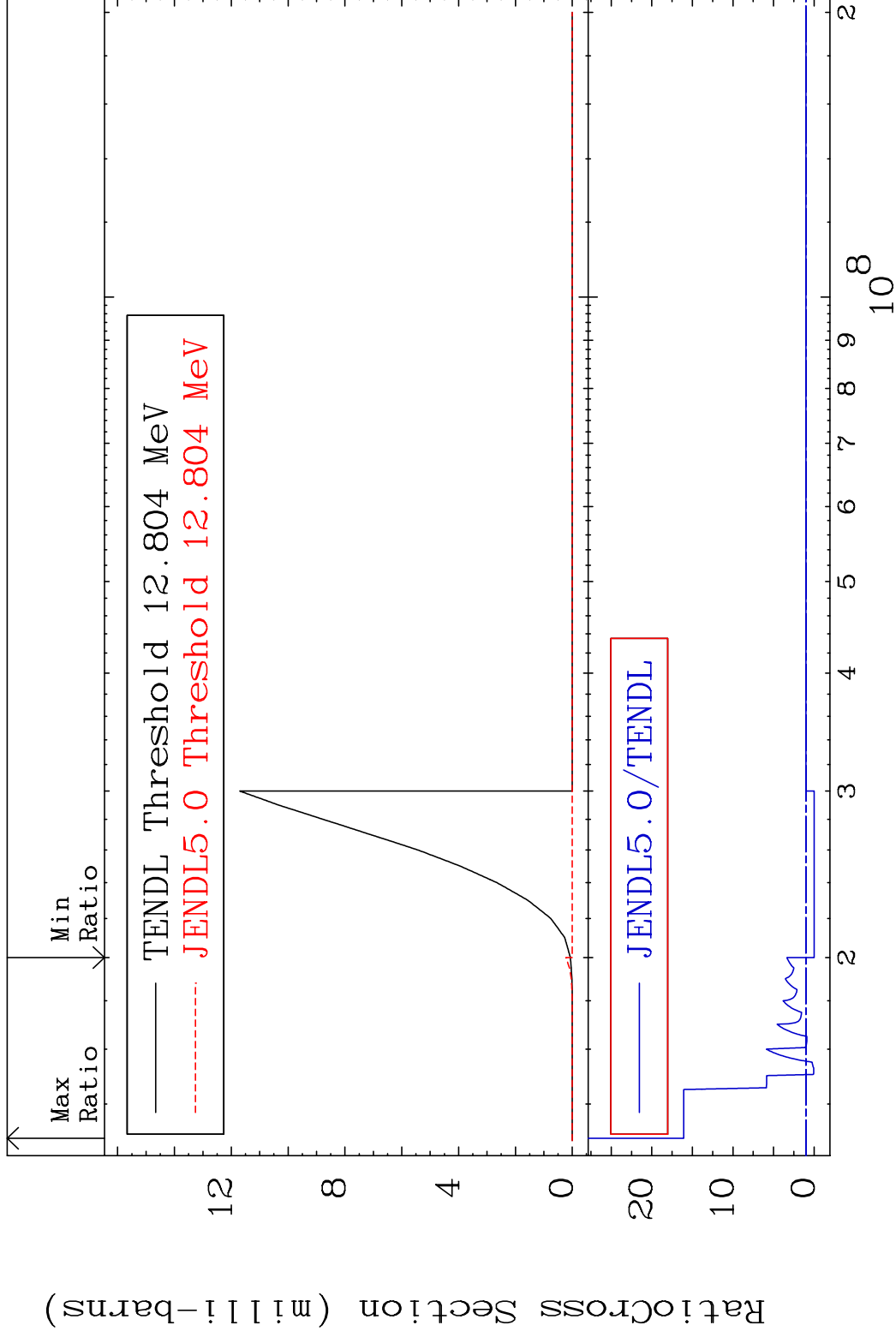
62-Sm-146

MAT 6231

(n, n') d

62-Sm-146

Cross Section -100.0 To 1507. %

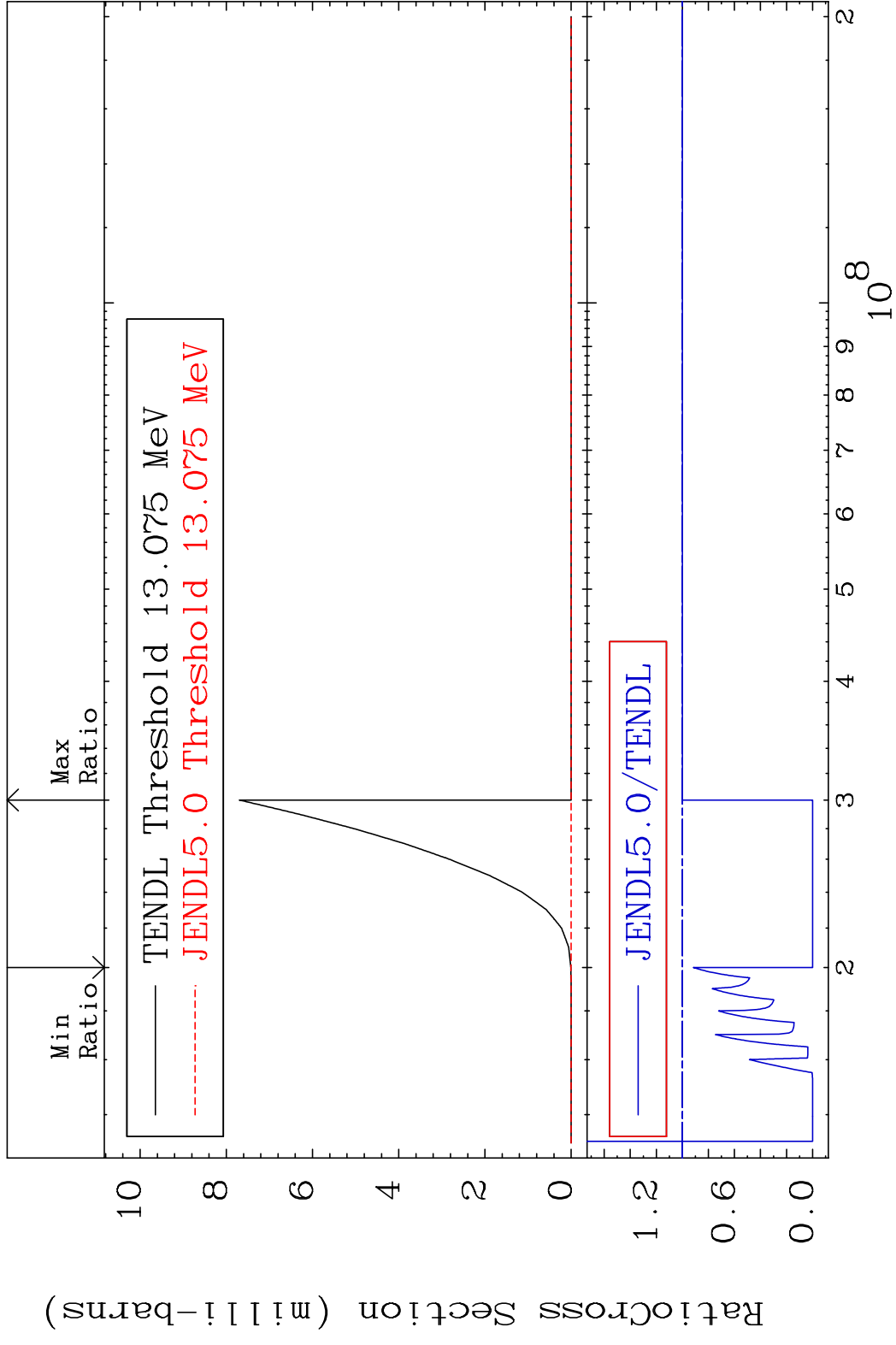


10

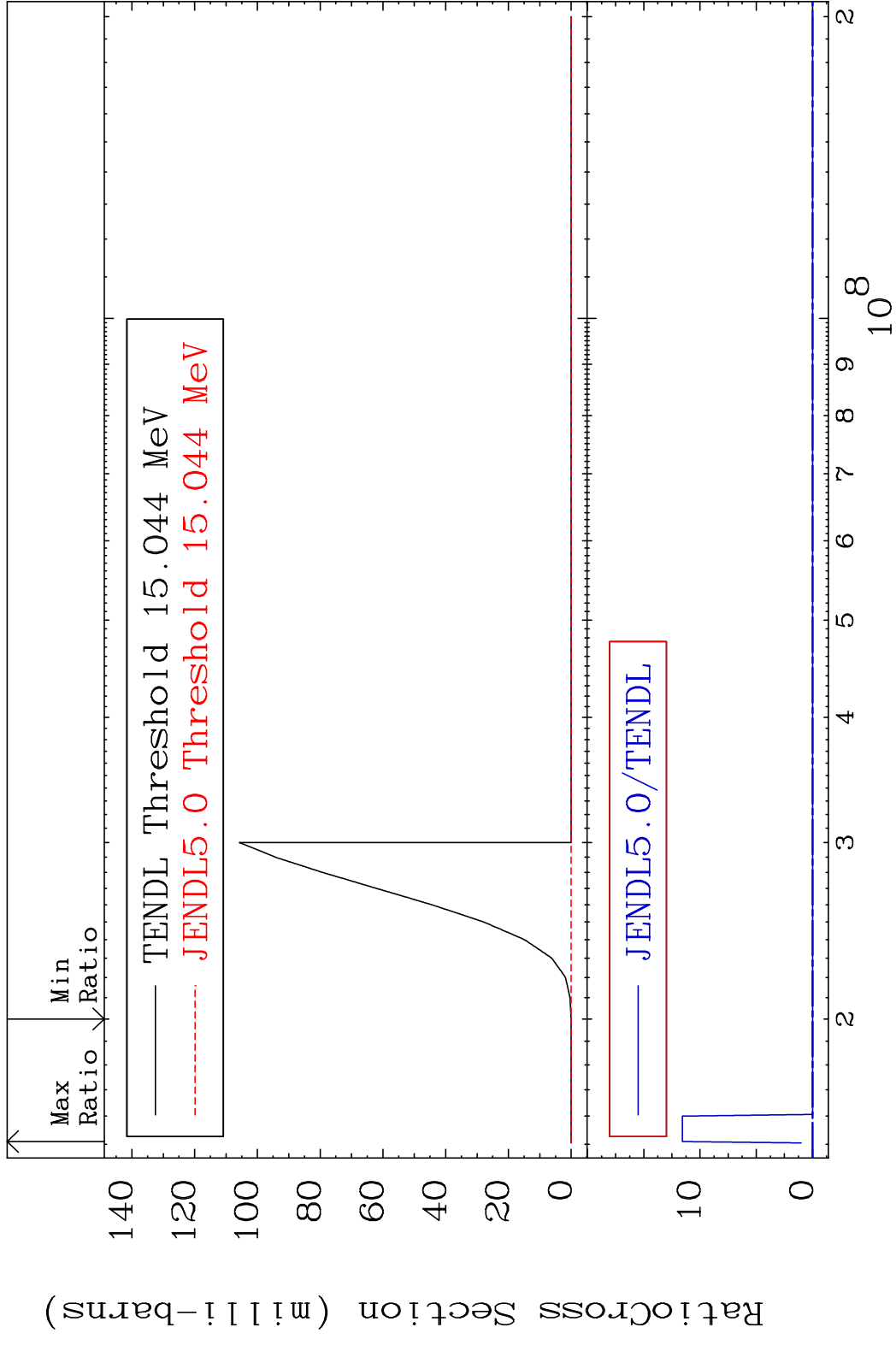
Incident Energy (eV)

62-Sm-146

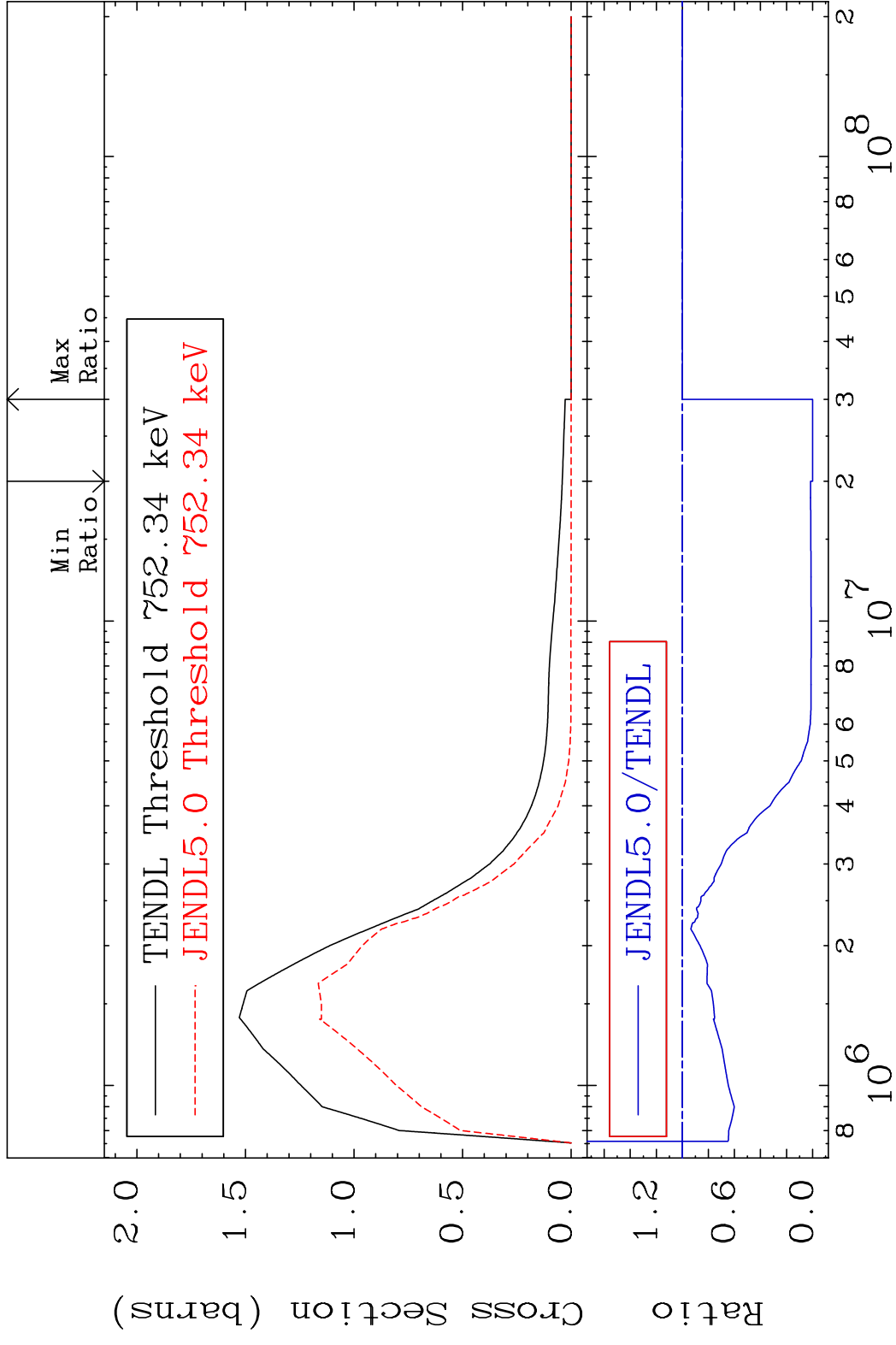
MAT 6231 (n, n') t 62-Sm-146  
 Cross Section -100.0 To 0.000 %



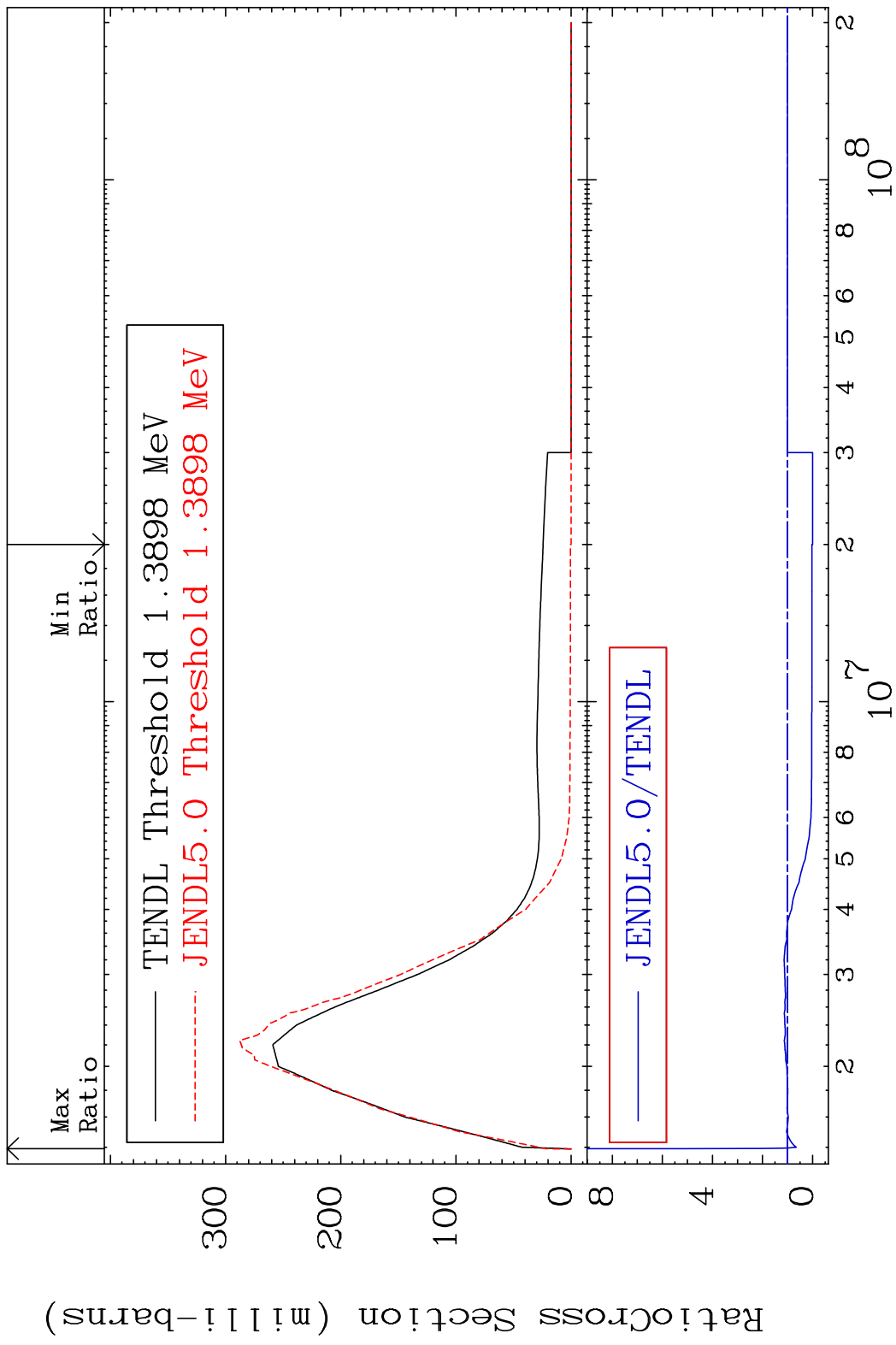
MAT 6231 (n,2n) p 62-Sm-146  
 Cross Section -100.0 To 9999. %



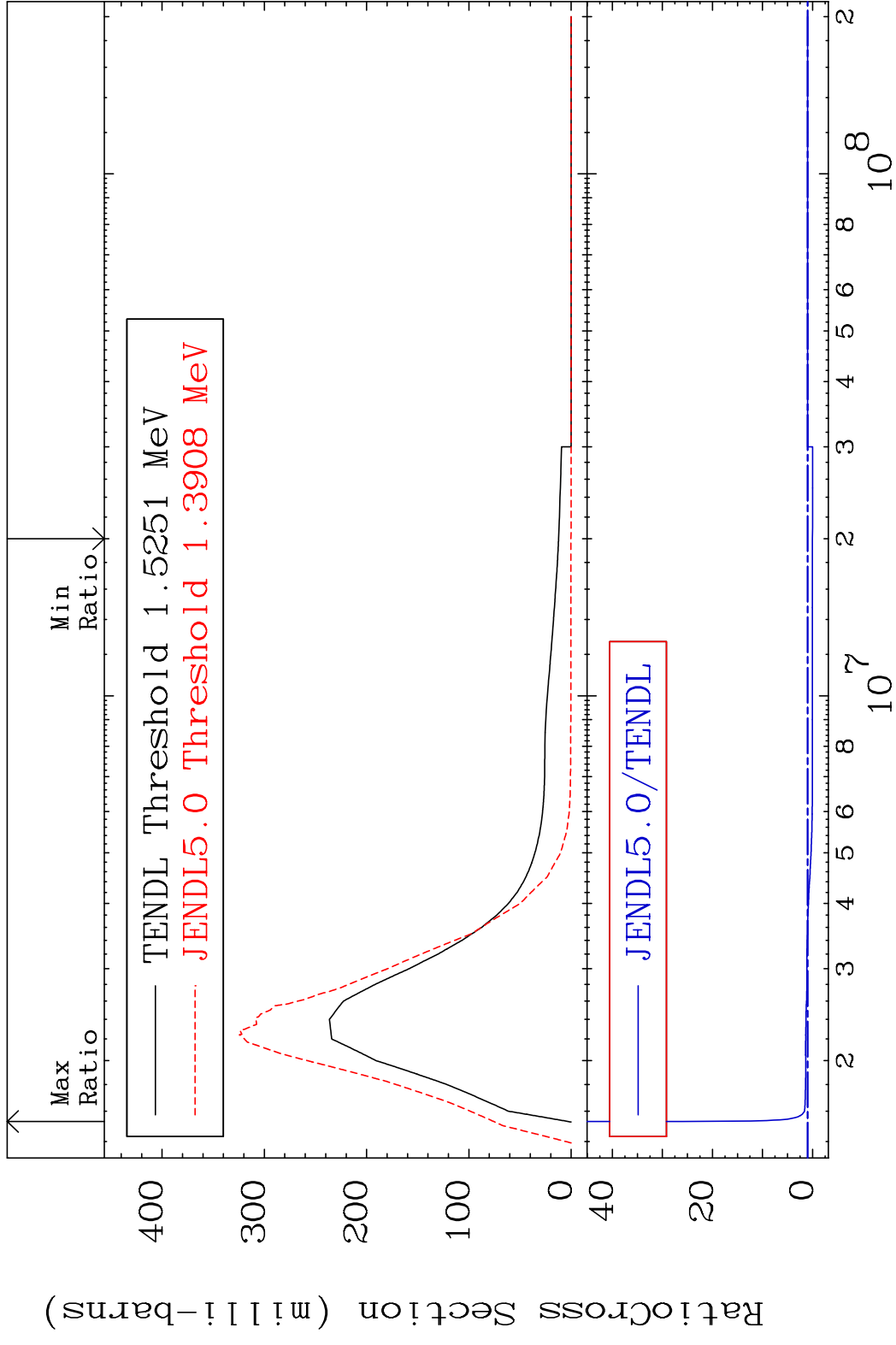
MAT 6231 MT= 51 (n, n') Level 62-Sm-146  
 Cross Section -100.0 To 0.000 %



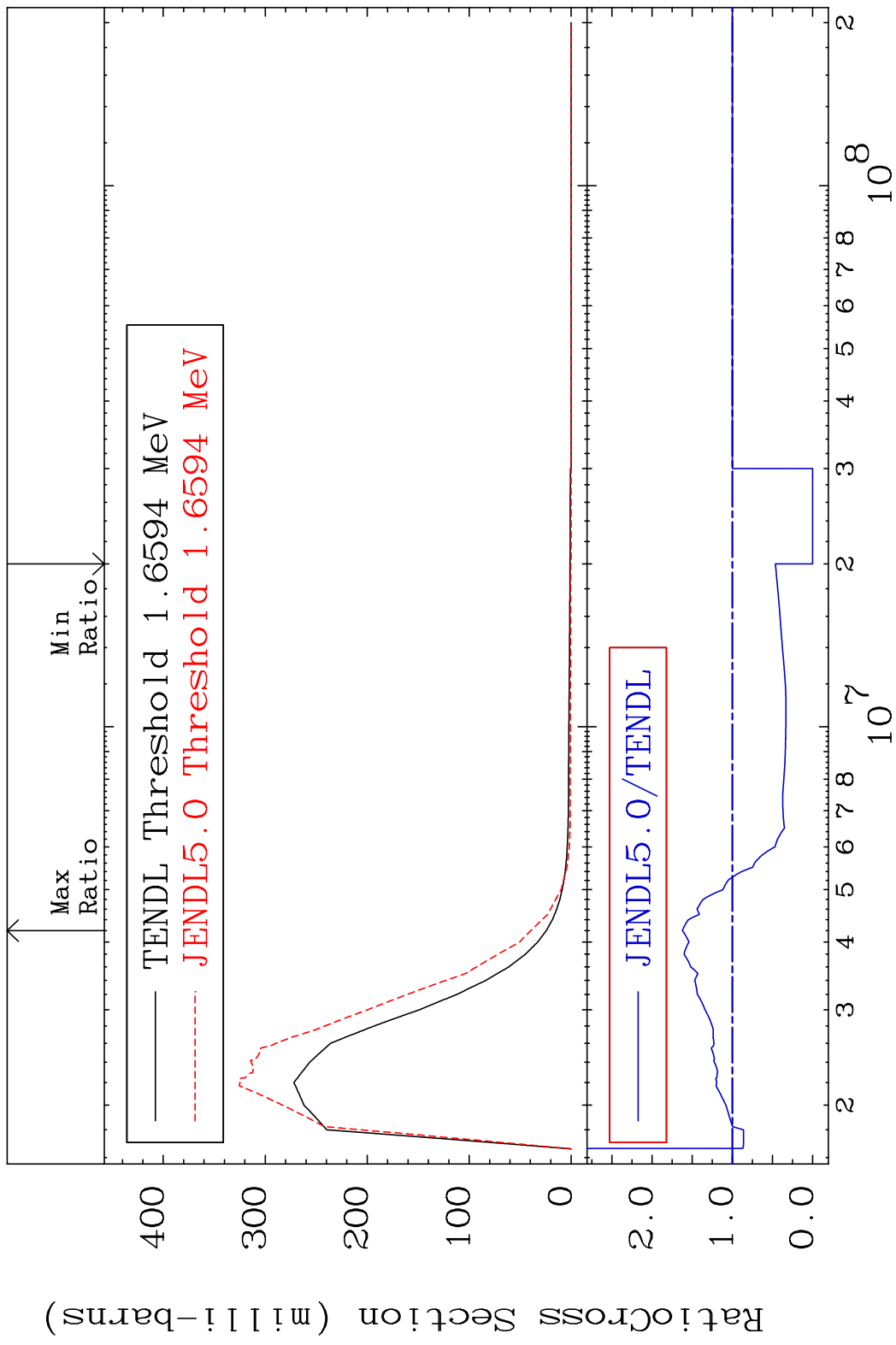
MAT 6231 MT= 52 (n, n') Level 62-Sm-146  
 Cross Section -100.0 To 420.2 %



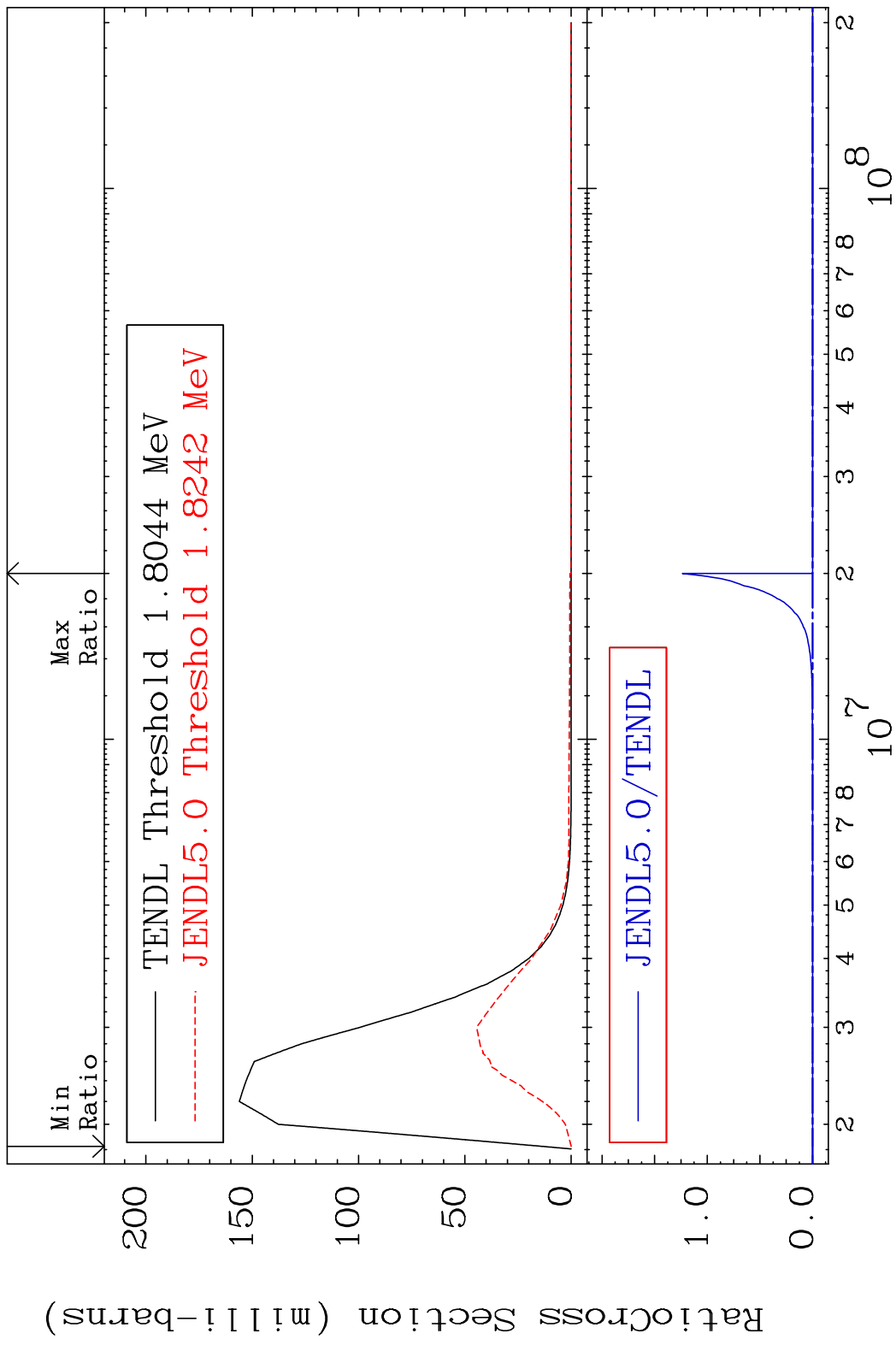
MAT 6231 MT= 53 (n, n') Level 62-Sm-146  
 Cross Section -100.0 To 2502. %



MAT 6231 MT= 54 (n, n') Level 62-Sm-146  
 Cross Section -100.0 To 62.26 %

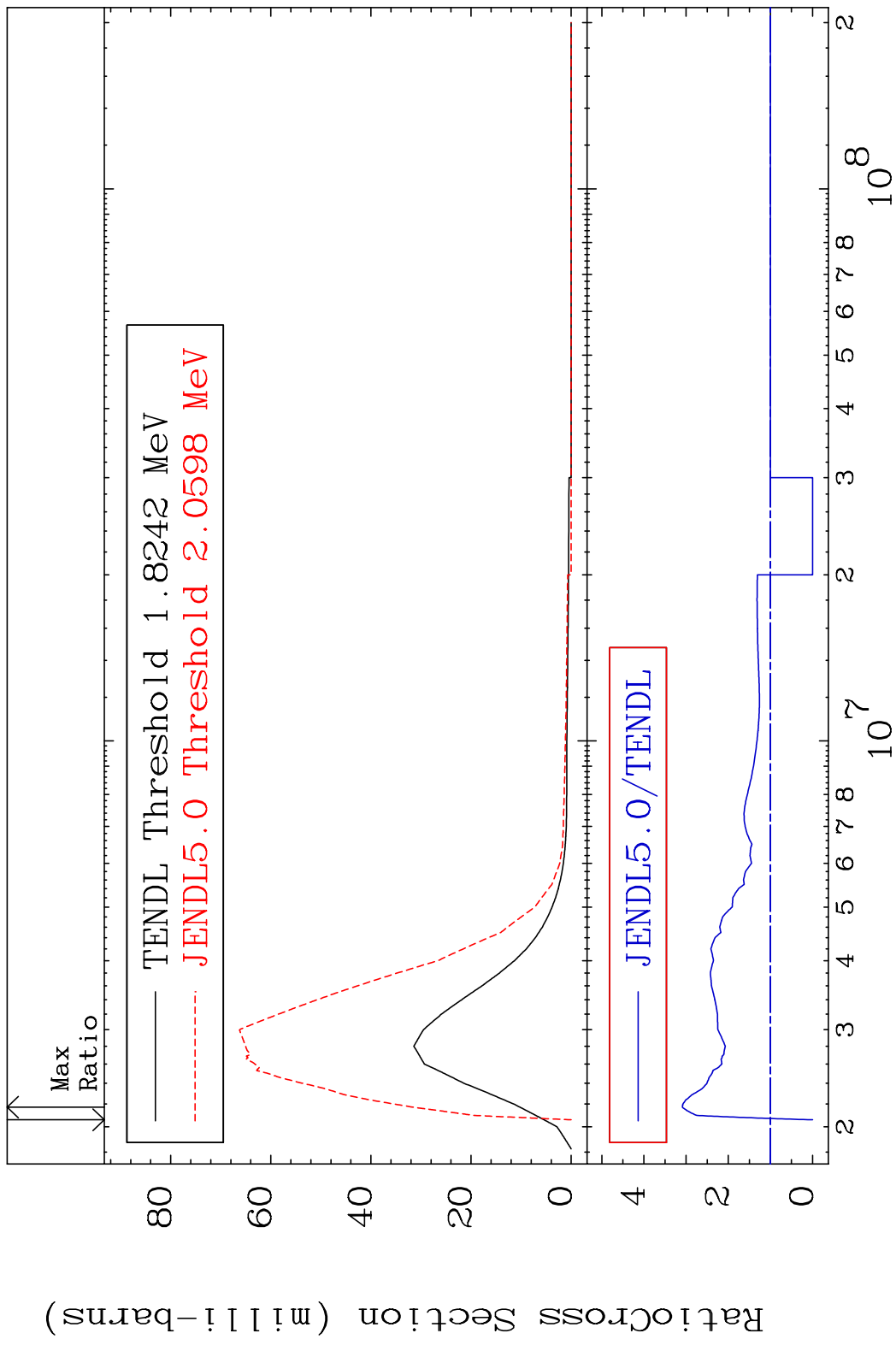


MAT 6231 MT= 55 (n, n') Level 62-Sm-146  
 Cross Section -100.0 To 9999. %

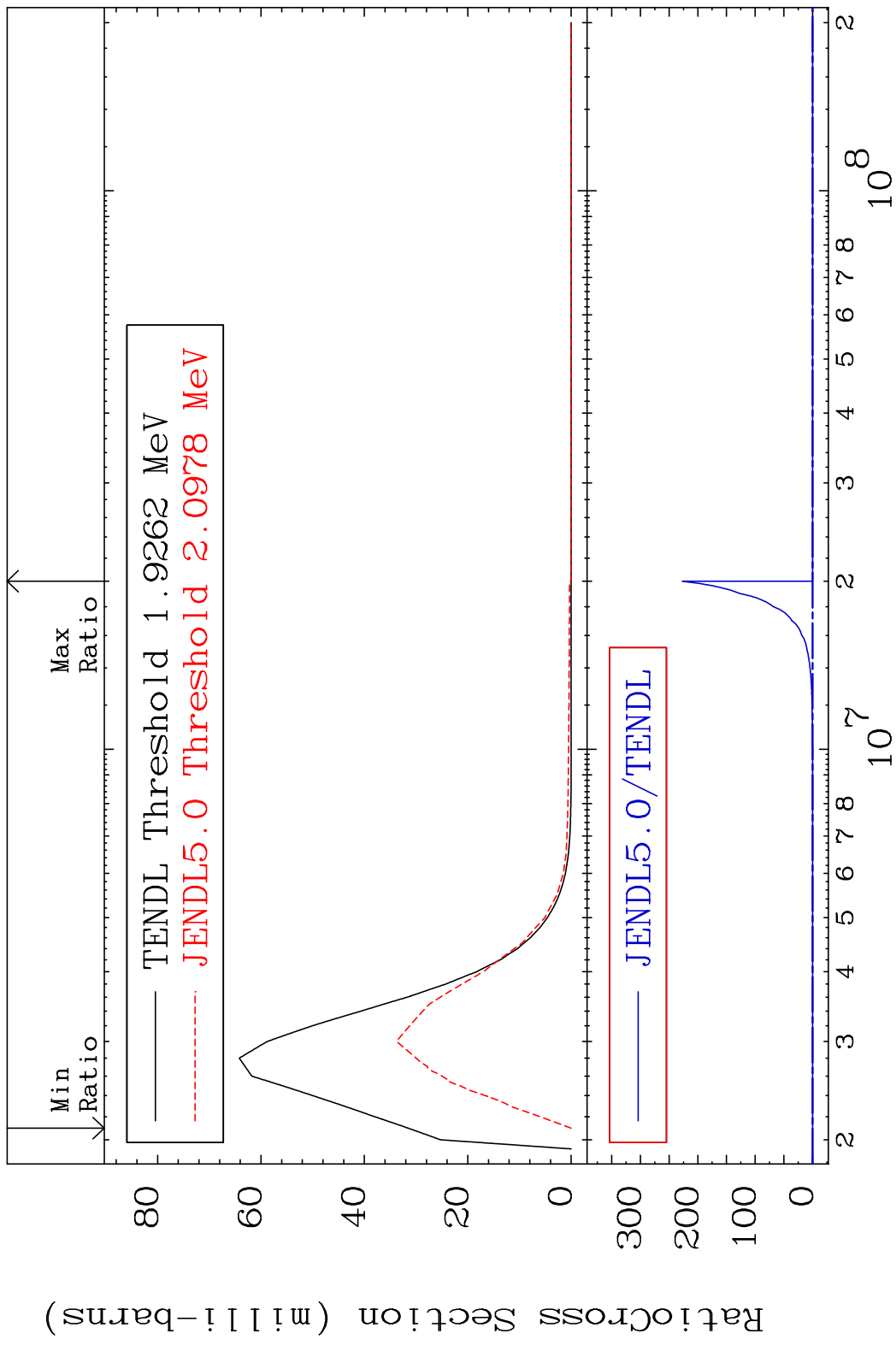


17 Incident Energy (eV) 62-Sm-146

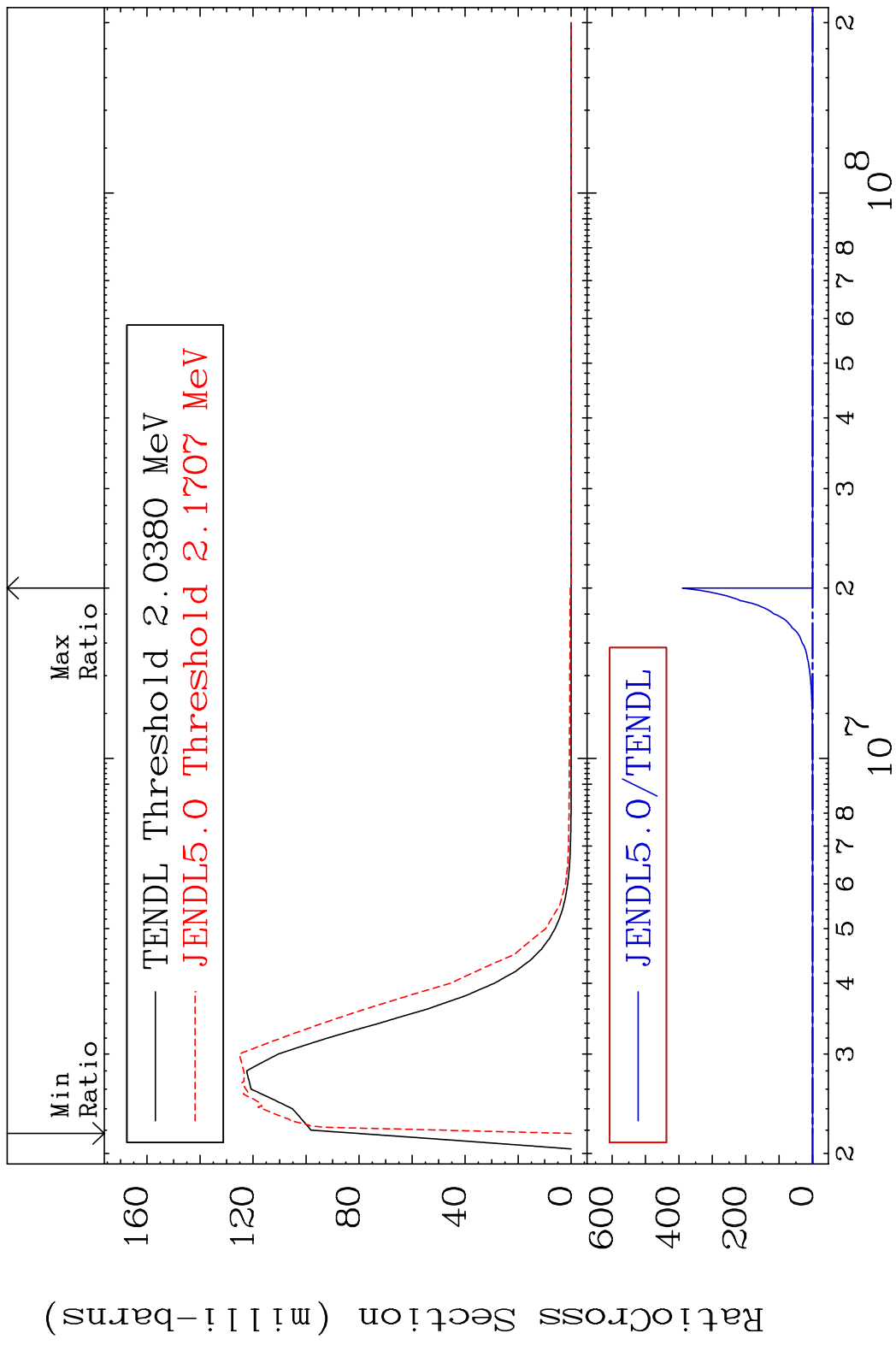
MAT 6231 MT= 56 (n,n') Level 62-Sm-146  
 Cross Section -100.0 To 208.9 %



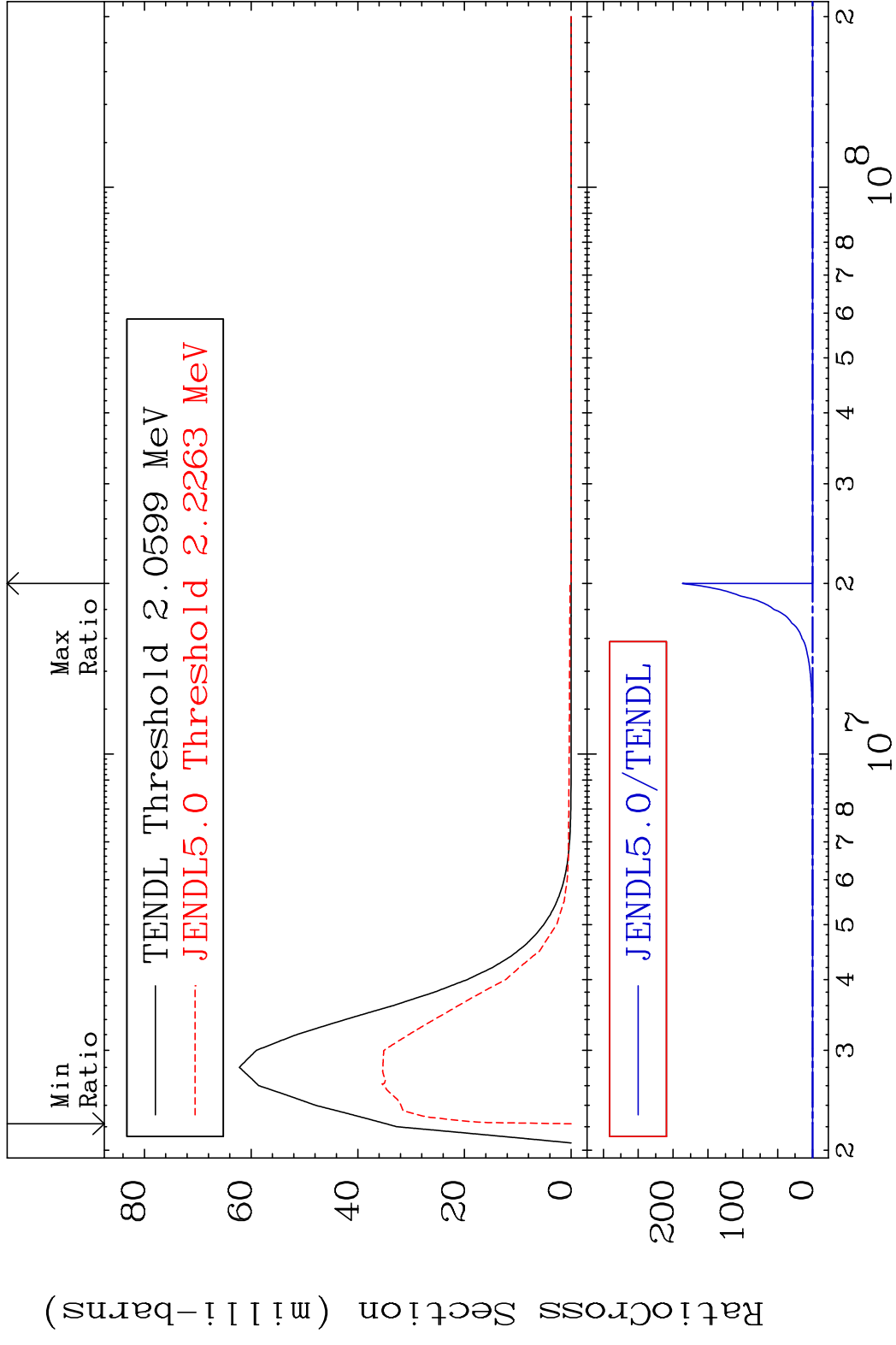
MAT 6231 MT= 57 (n, n') Level 62-Sm-146  
 Cross Section -100.0 To 9999. %



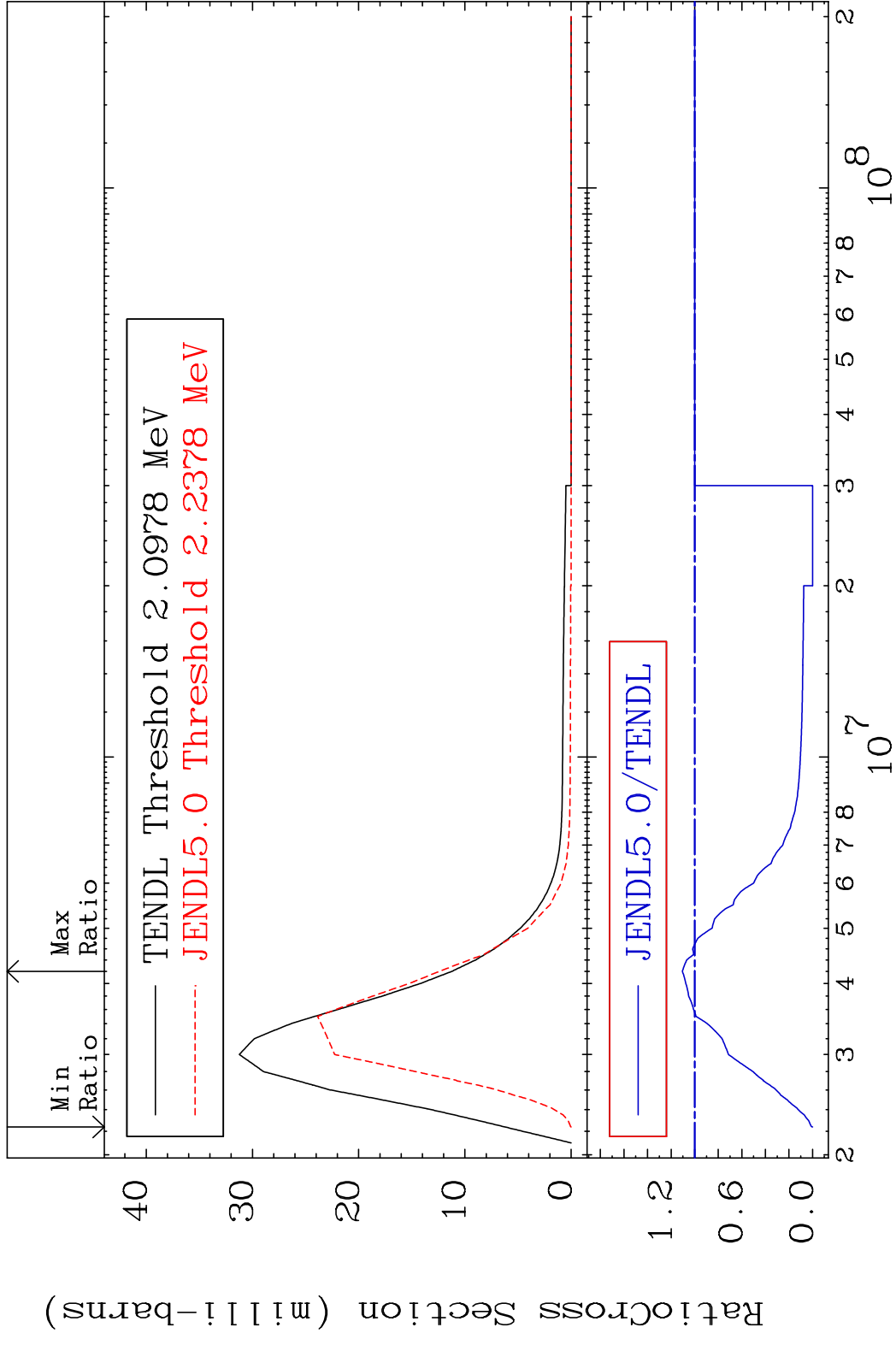
MAT 6231 MT= 58 (n, n') Level 62-Sm-146  
 Cross Section -100.0 To 9999. %



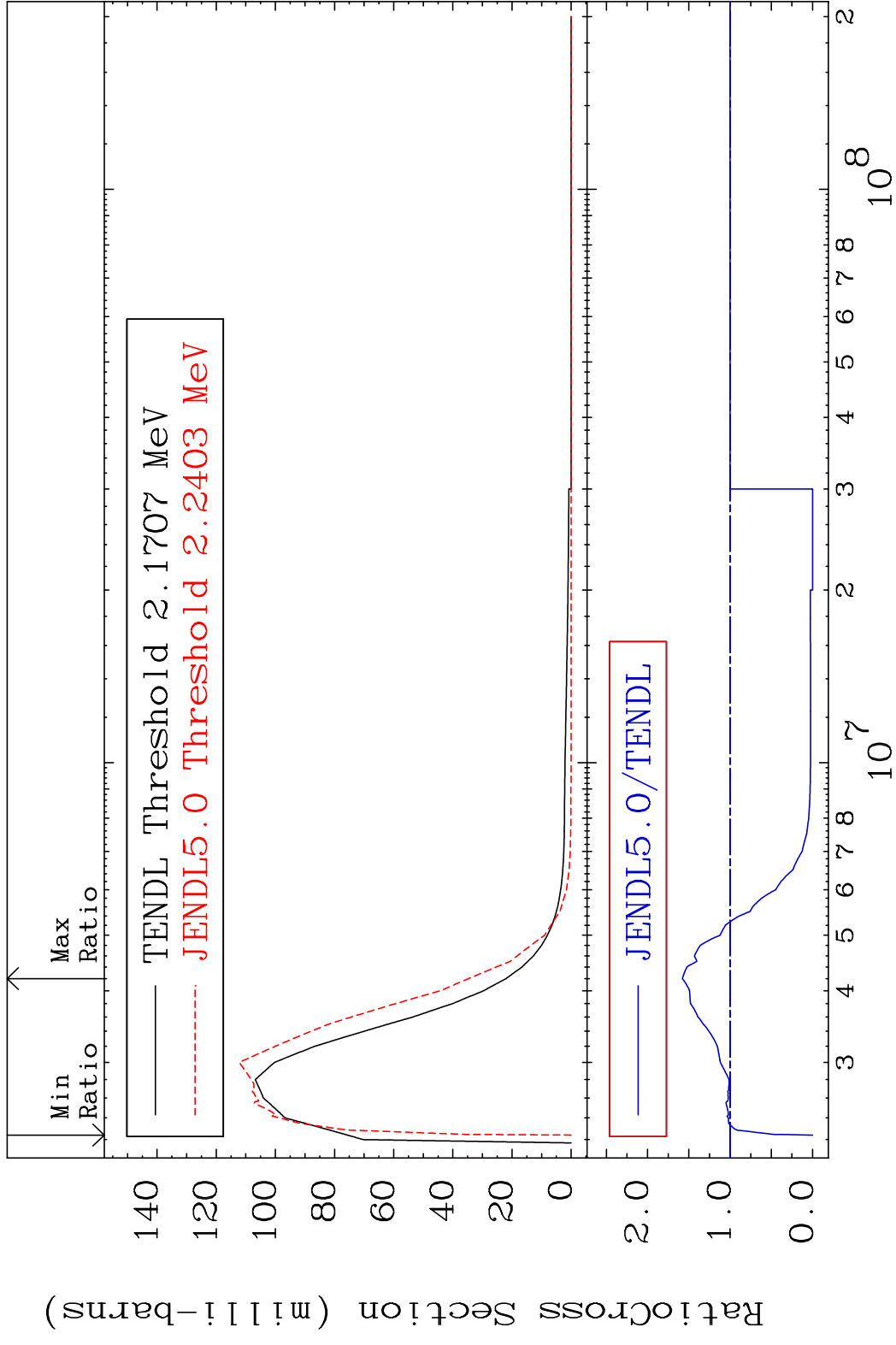
MAT 6231 MT= 59 (n, n') Level 62-Sm-146  
 Cross Section -100.0 To 9999. %



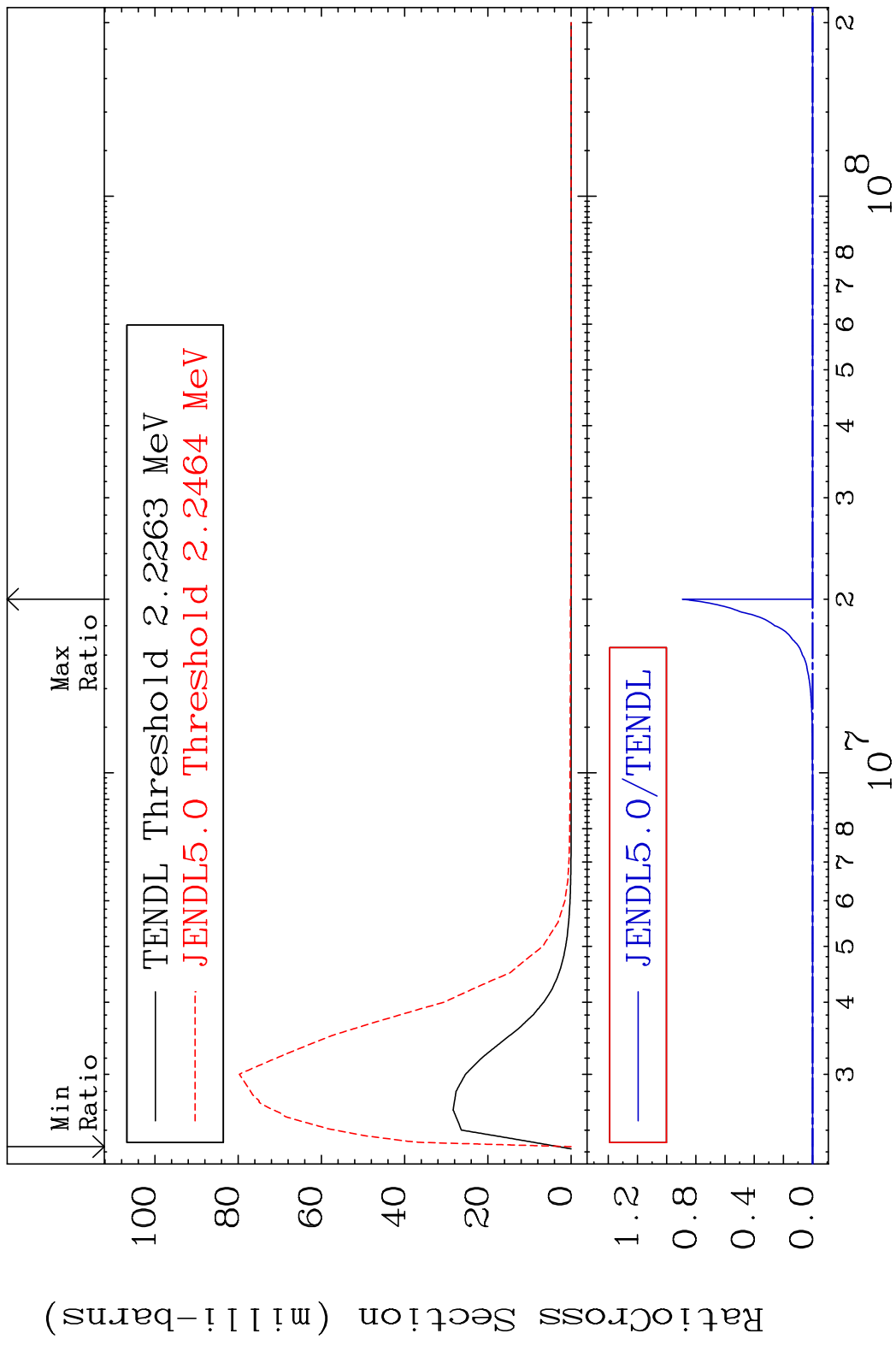
MAT 6231 MT= 60 (n,n') Level 62-Sm-146  
 Cross Section -100.0 To 10.46 %



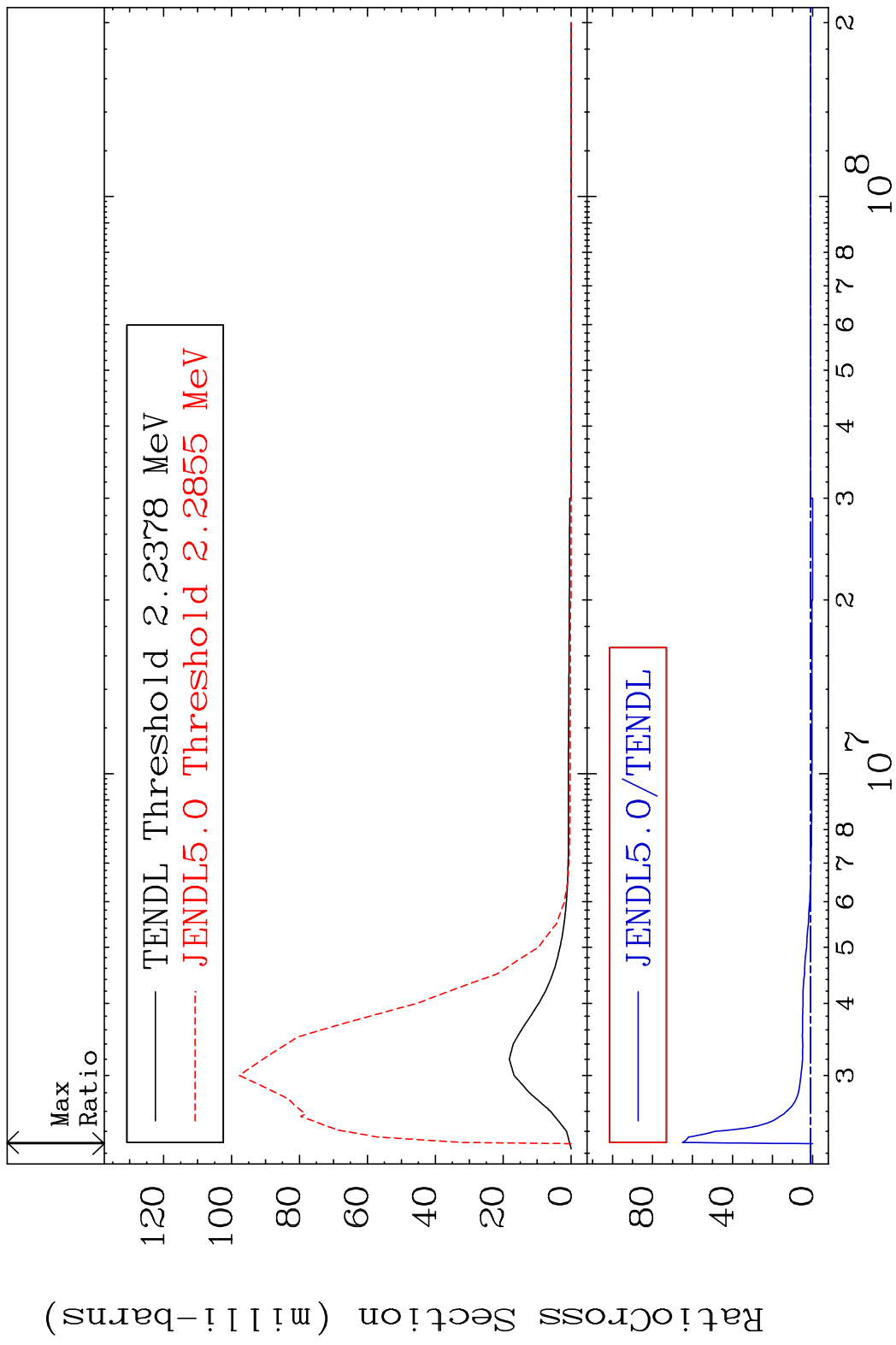
MAT 6231 MT= 61 (n,n') Level 62-Sm-146  
 Cross Section -100.0 To 57.85 %



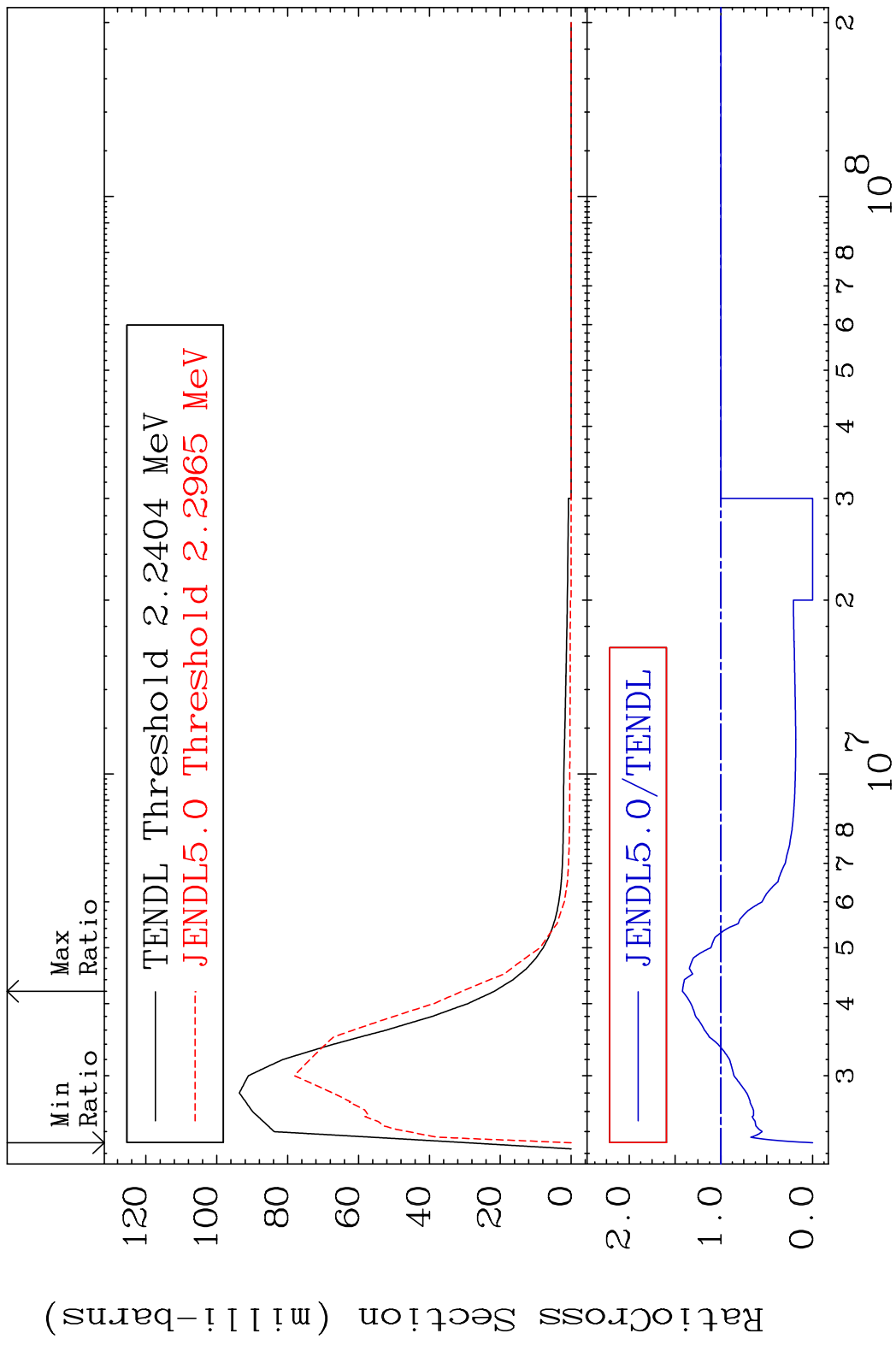
MAT 6231 MT= 62 (n, n') Level 62-Sm-146  
 Cross Section -100.0 To 9999. %



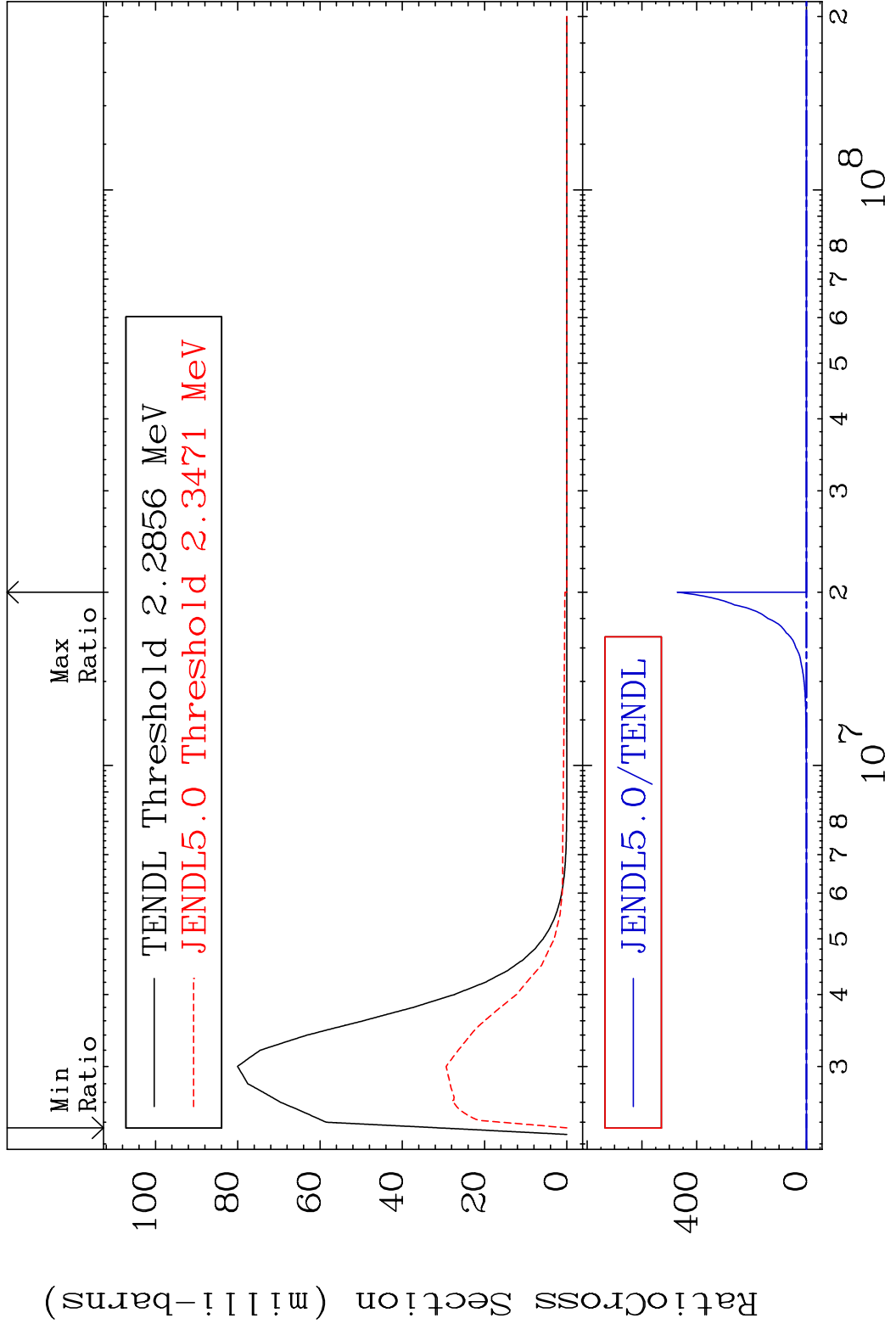
MAT 6231 MT= 63 (n,n') Level 62-Sm-146  
 Cross Section -100.0 To 6409. %



MAT 6231 MT= 64 (n,n') Level 62-Sm-146  
 Cross Section -100.0 To 42.06 %

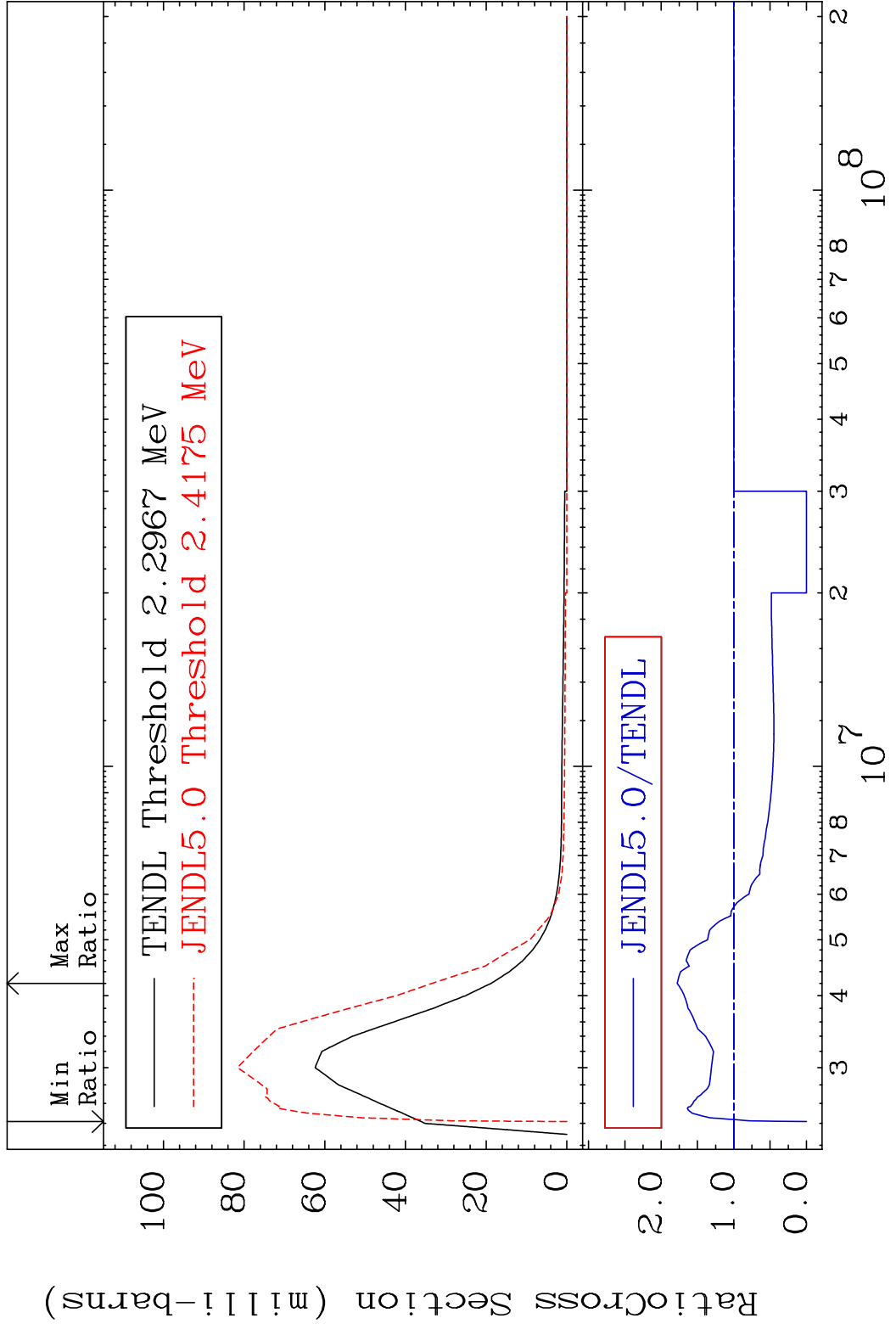


MAT 6231 MT= 65 (n, n') Level 62-Sm-146  
 Cross Section -100.0 To 9999. %



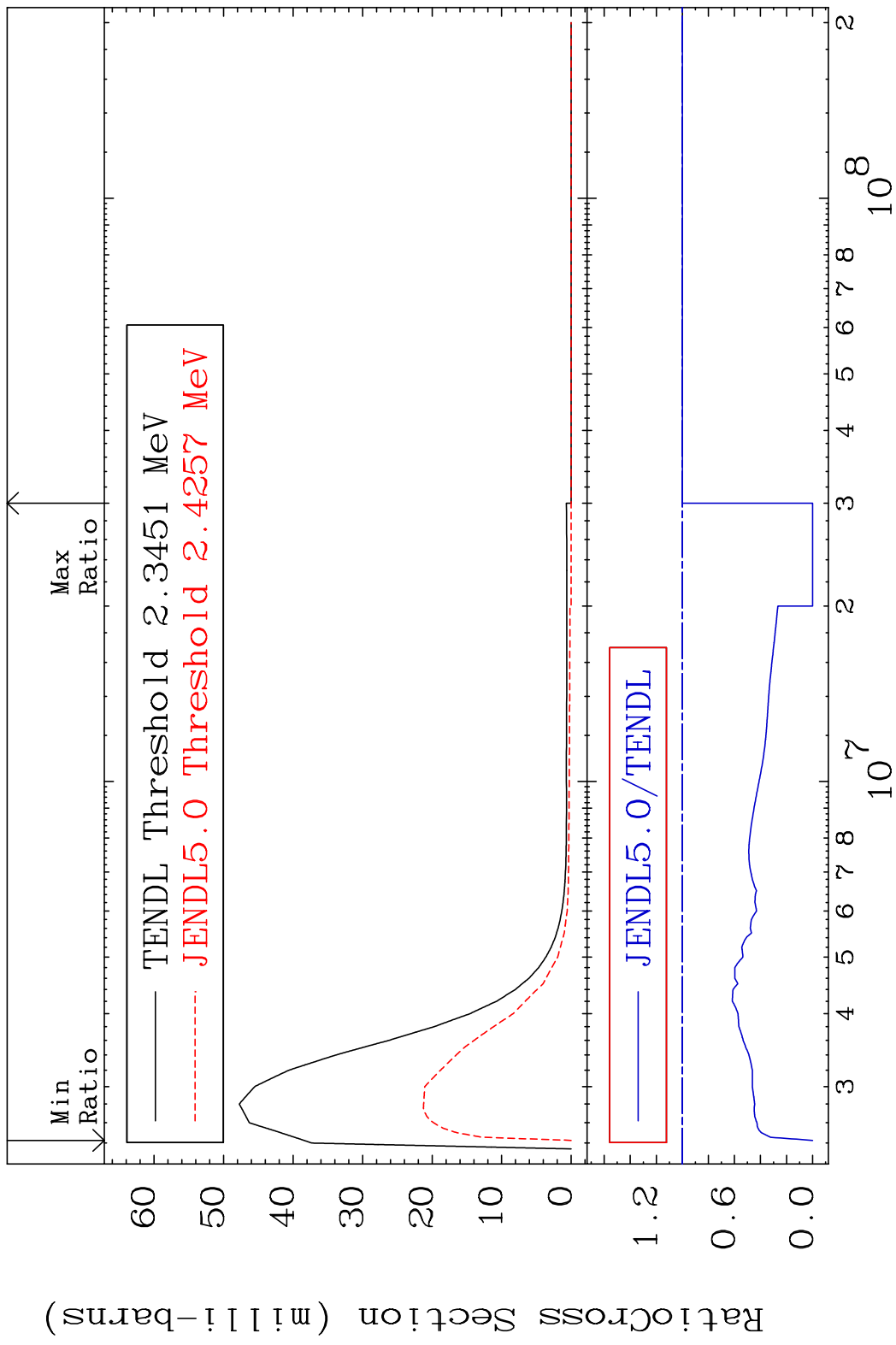
27 Incident Energy (eV) 62-Sm-146

MAT 6231 MT= 66 (n,n') Level 62-Sm-146  
 Cross Section -100.0 To 77.94 %

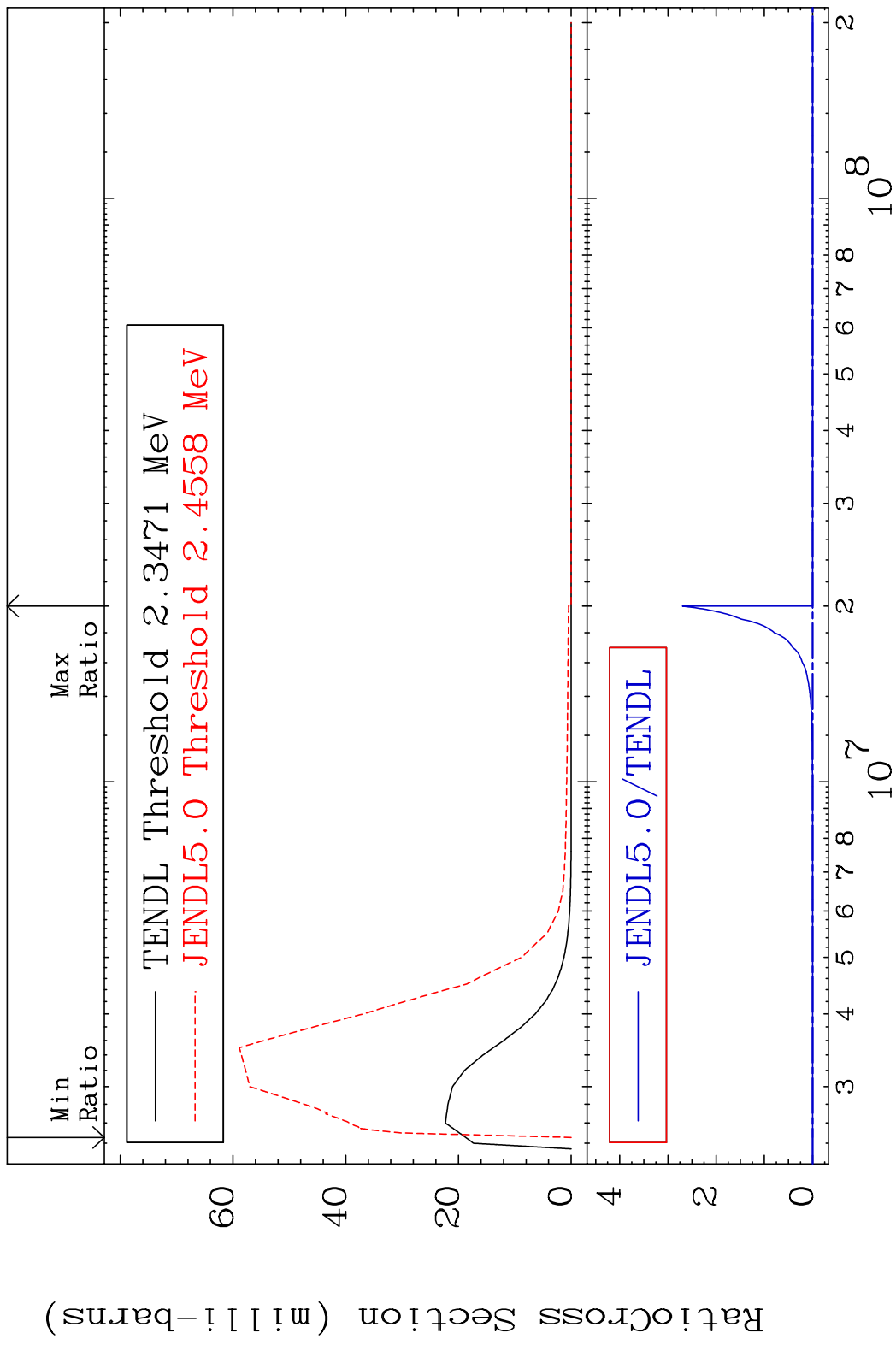


28 Incident Energy (eV) 62-Sm-146

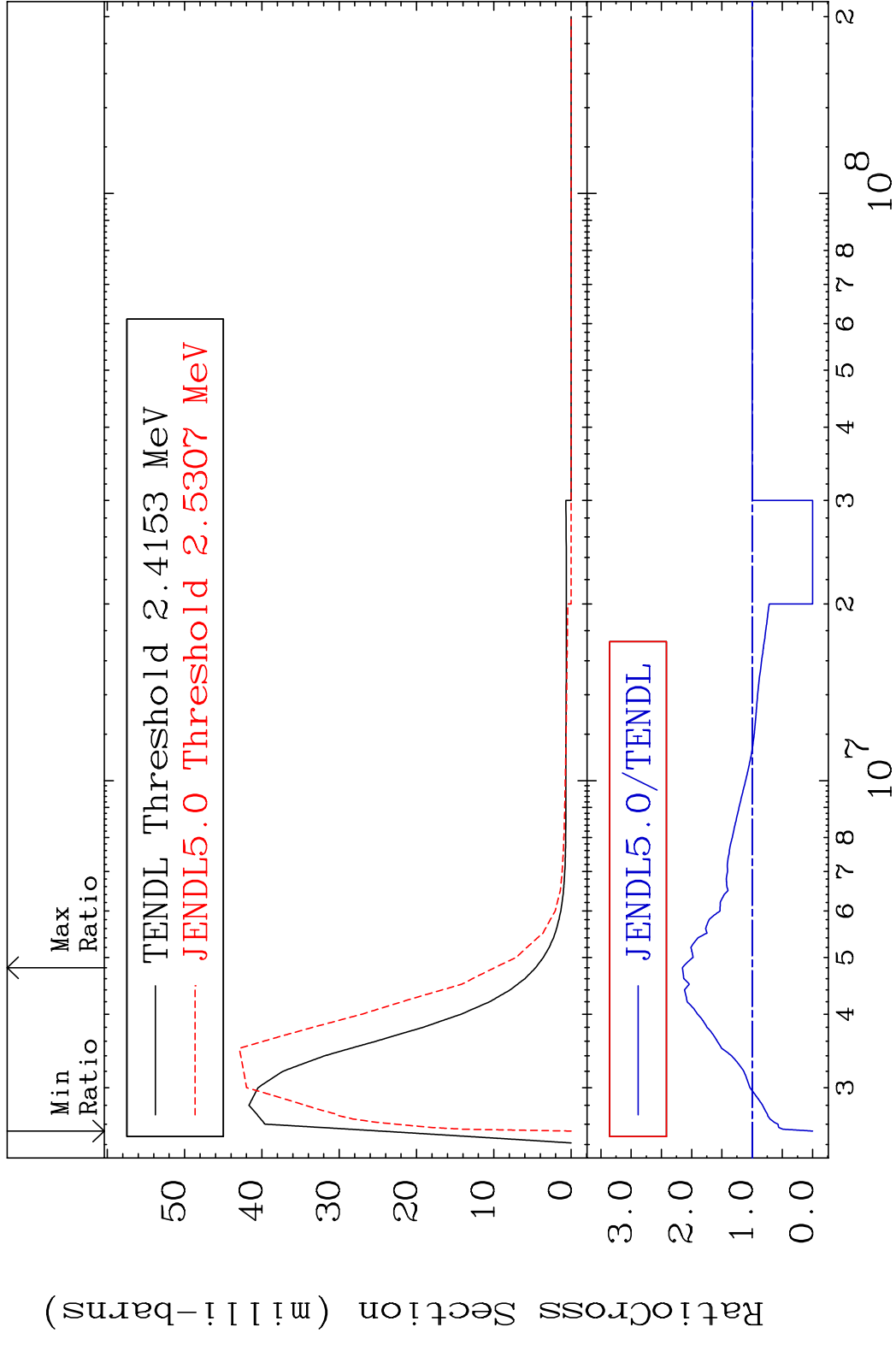
MAT 6231 MT= 67 (n, n') Level 62-Sm-146  
 Cross Section -100.0 To 0.000 %



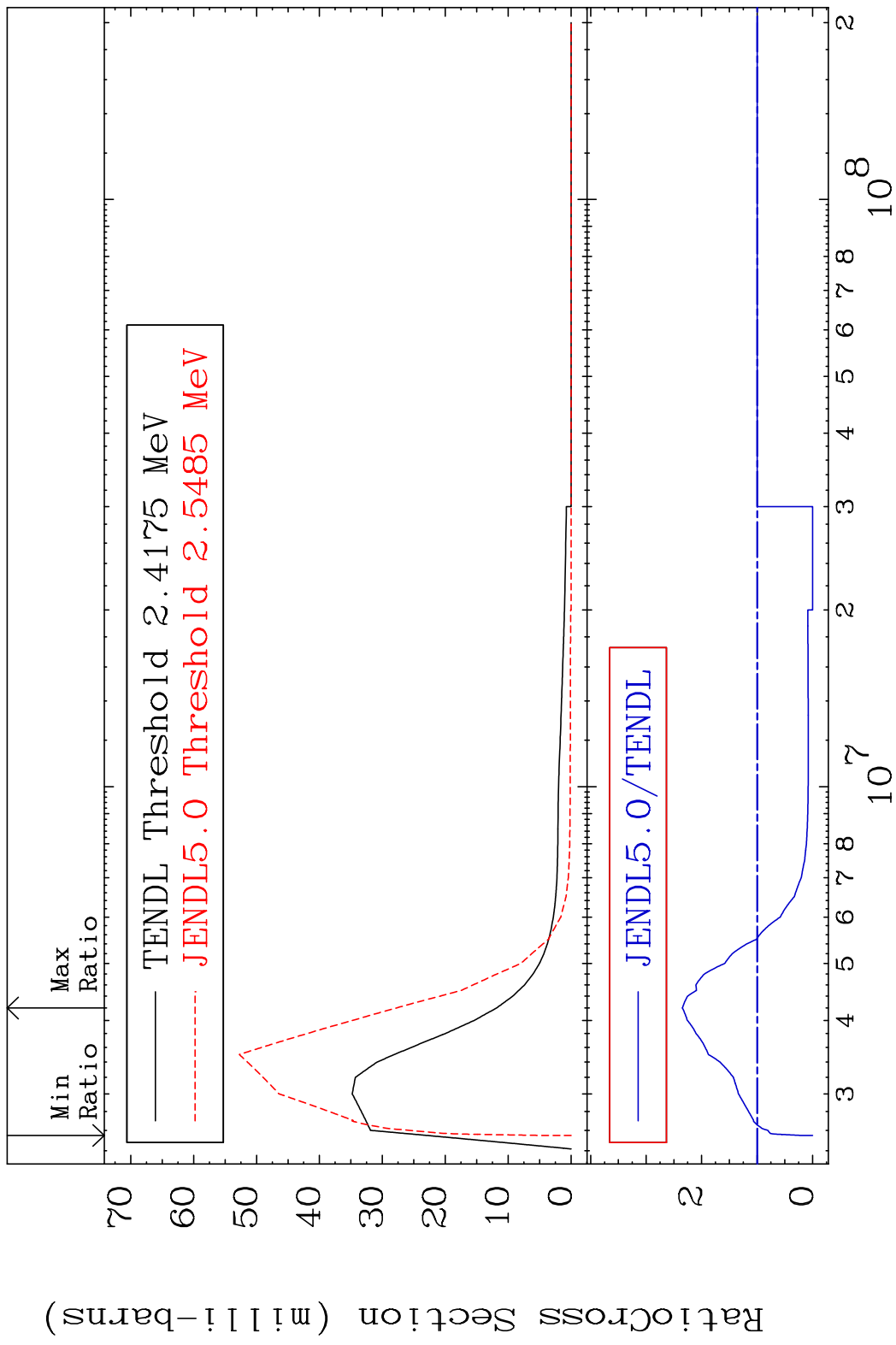
MAT 6231 MT= 68 (n, n') Level 62-Sm-146  
 Cross Section -100.0 To 9999. %



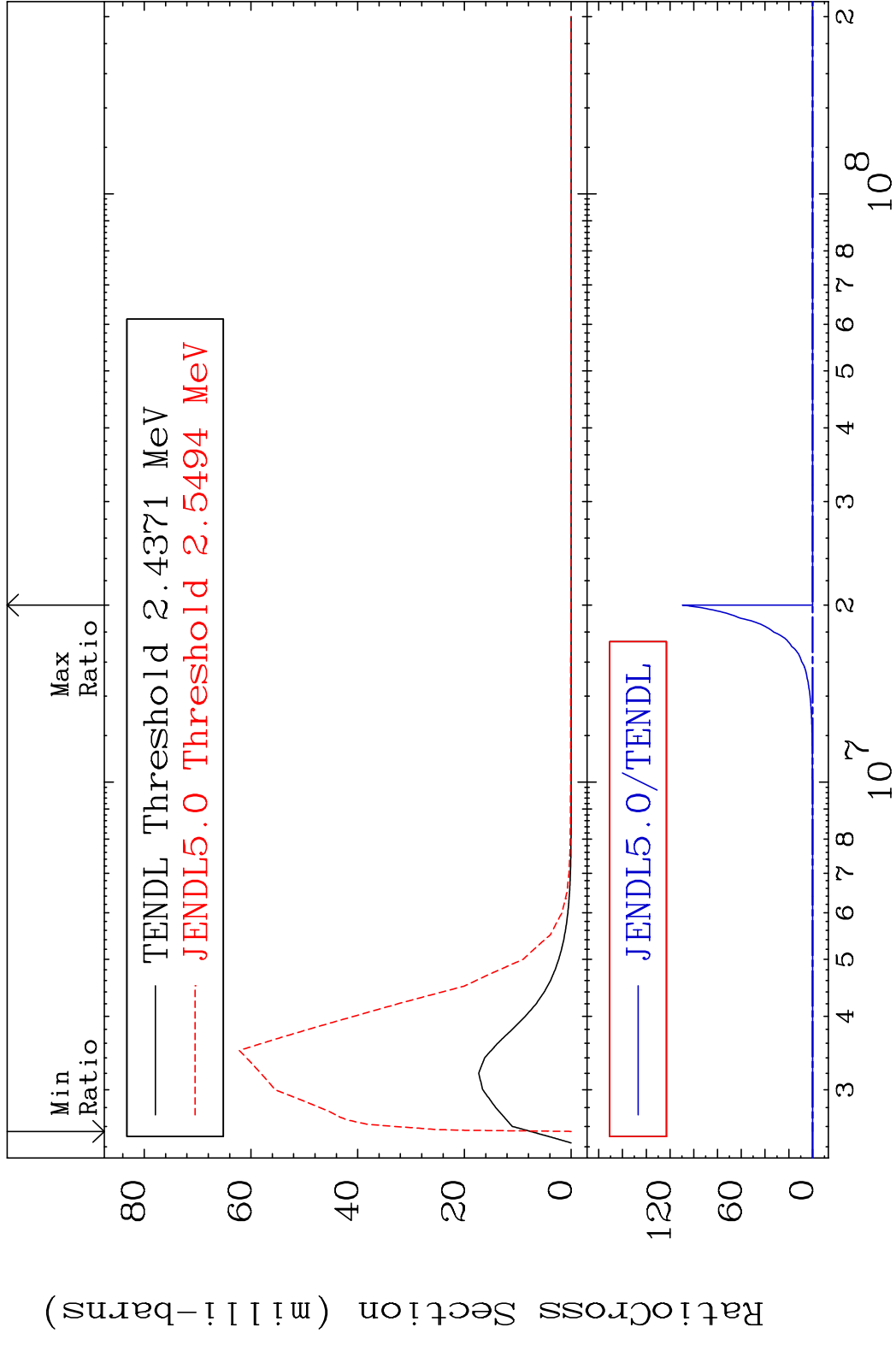
MAT 6231 MT= 69 (n,n') Level 62-Sm-146  
 Cross Section -100.0 To 115.4 %



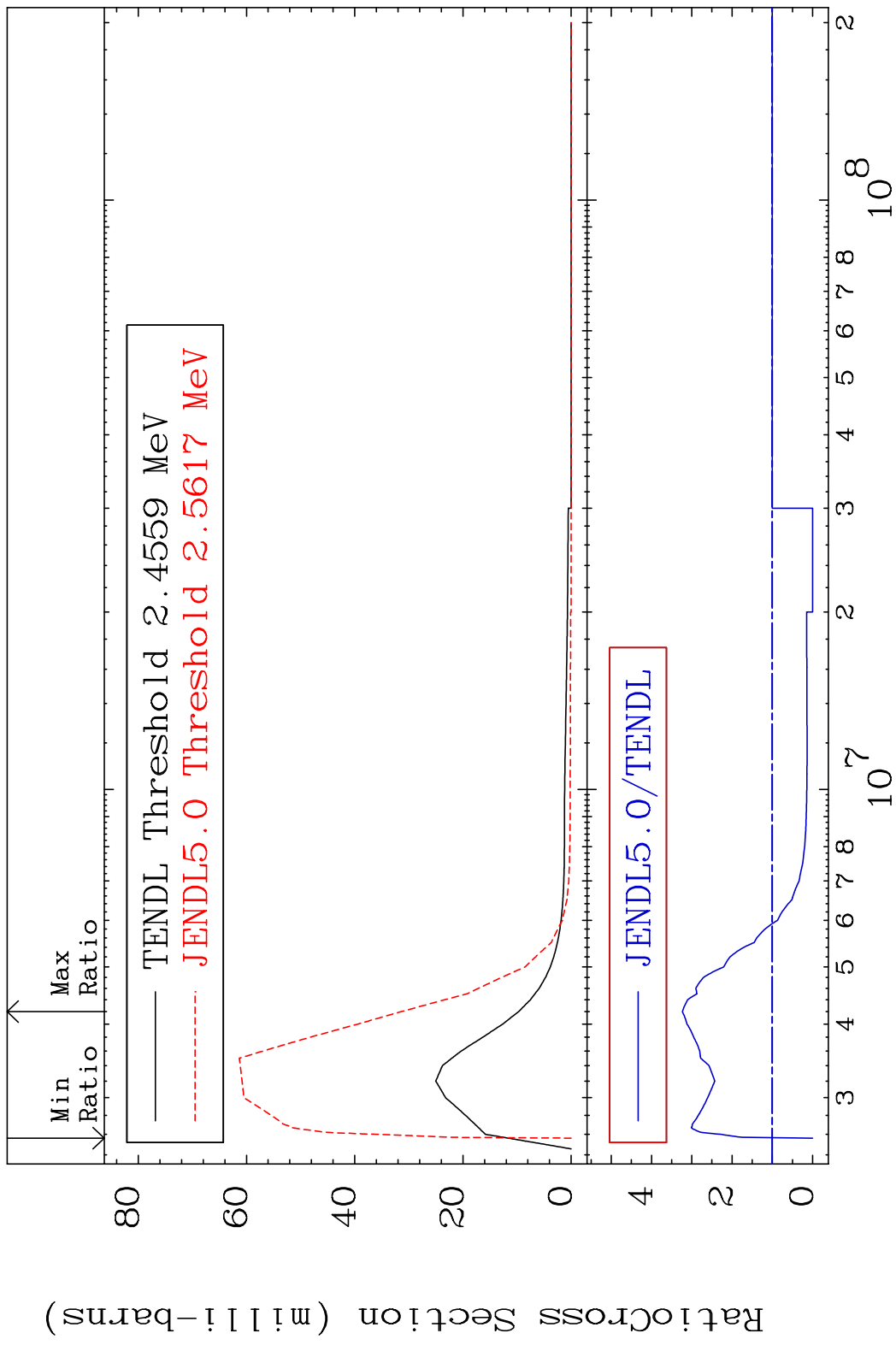
MAT 6231 MT= 70 (n,n') Level 62-Sm-146  
 Cross Section -100.0 To 134.7 %



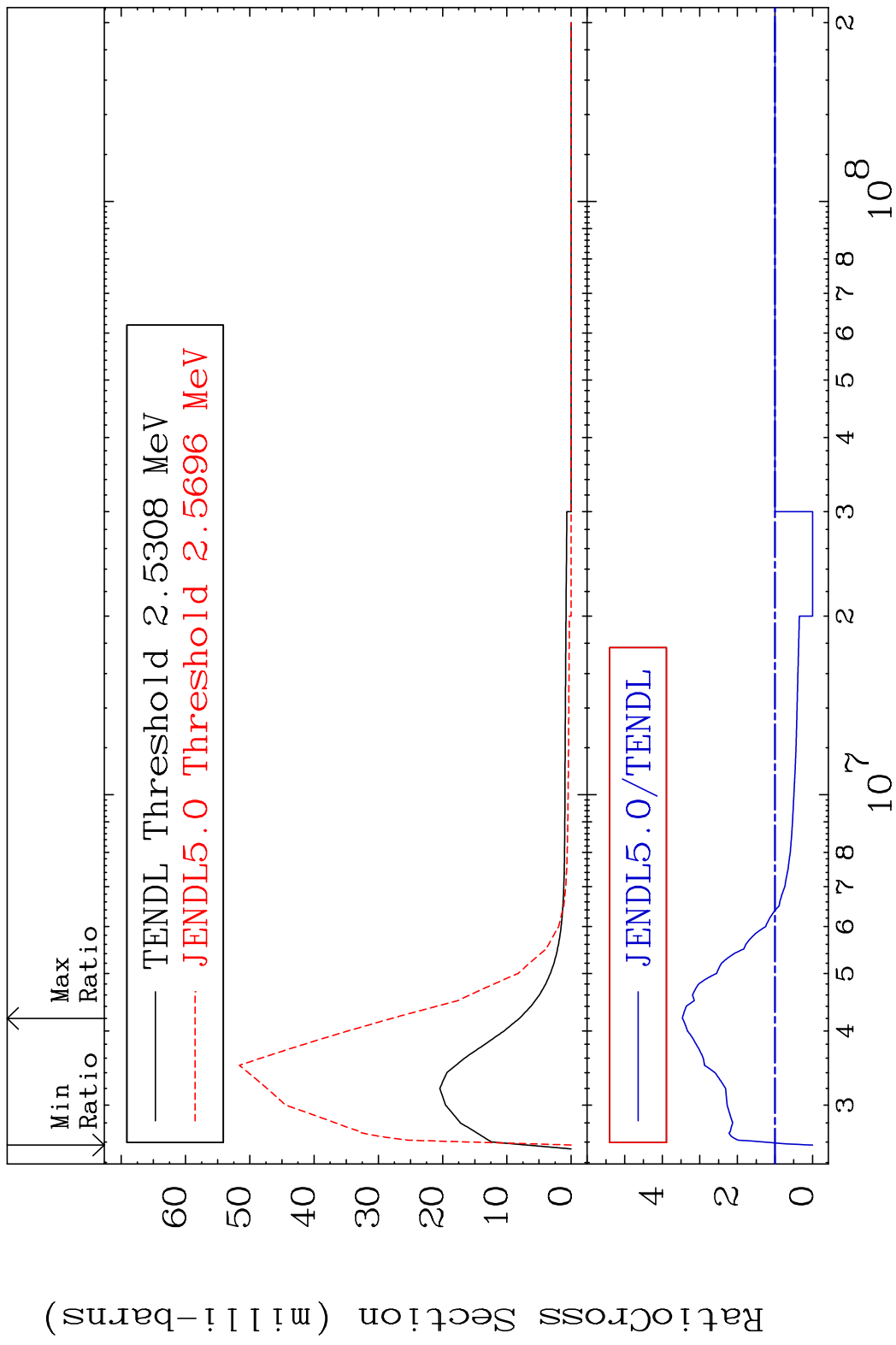
MAT 6231 MT= 71 (n, n') Level 62-Sm-146  
 Cross Section -100.0 To 9999. %



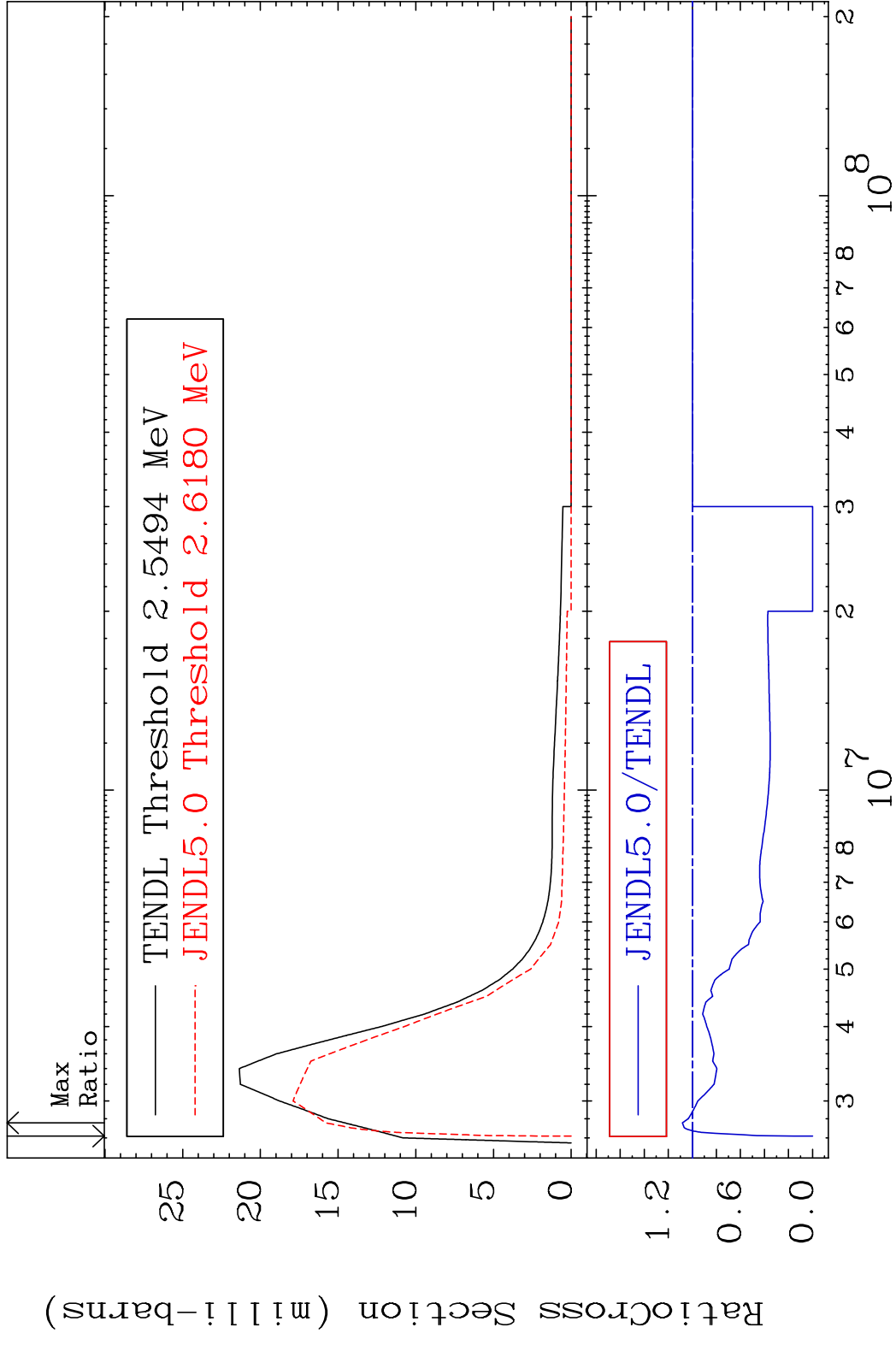
MAT 6231 MT= 72 (n, n') Level 62-Sm-146  
 Cross Section -100.0 To 223.4 %



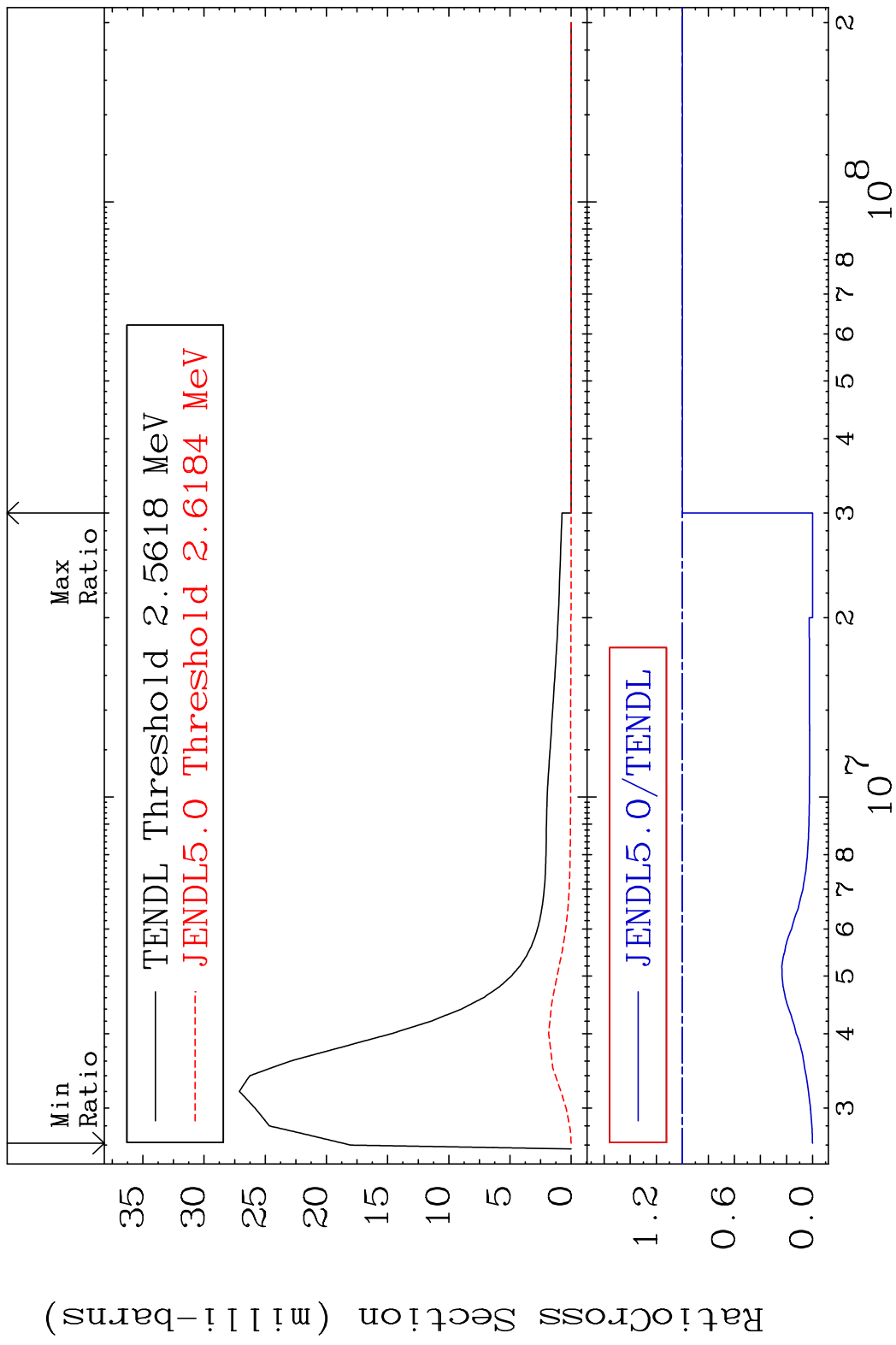
MAT 6231 MT= 73 (n, n') Level 62-Sm-146  
 Cross Section -100.0 To 246.5 %



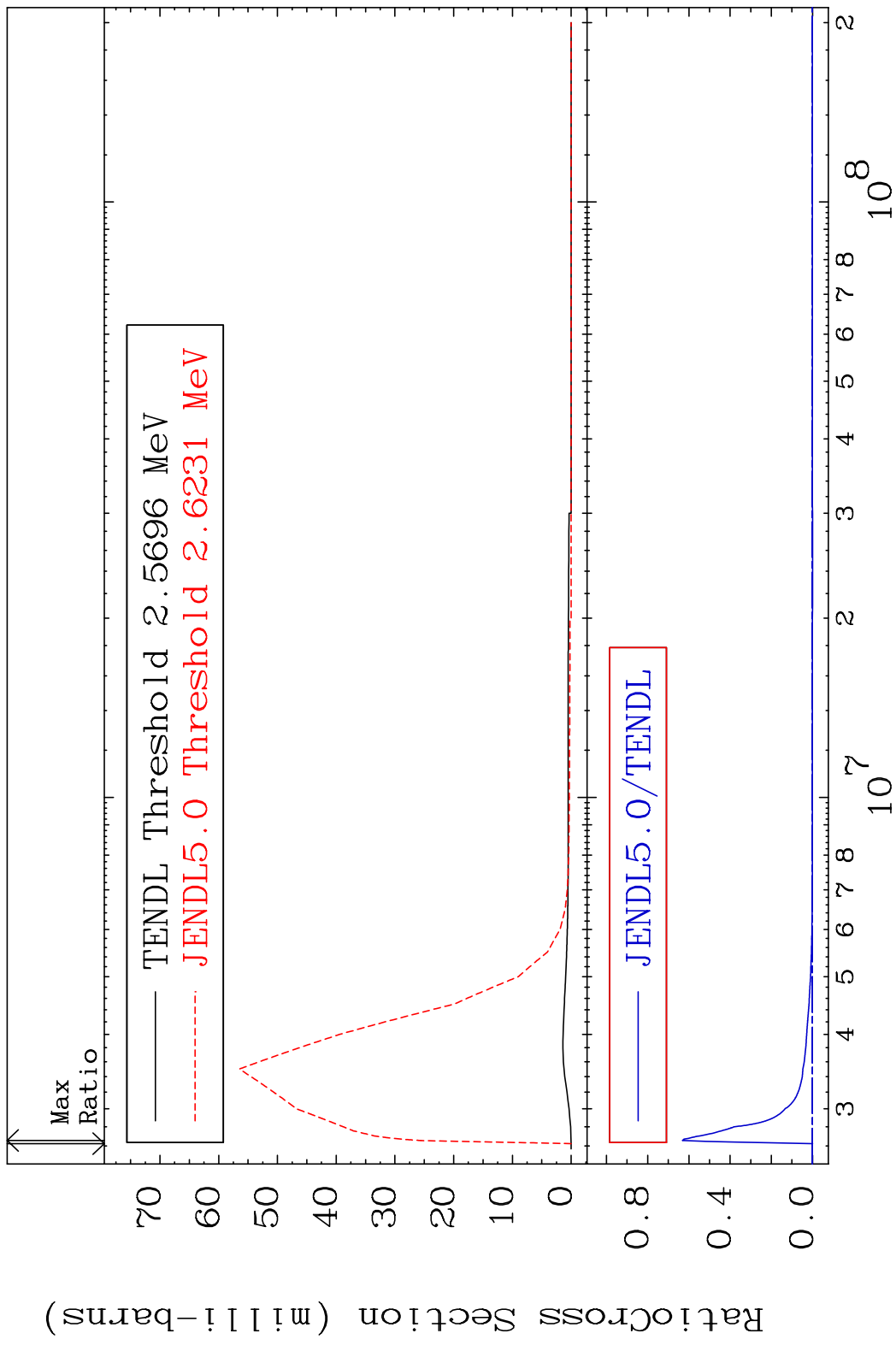
MAT 6231 MT= 74 (n,n') Level 62-Sm-146  
 Cross Section -100.0 To 8.298 %



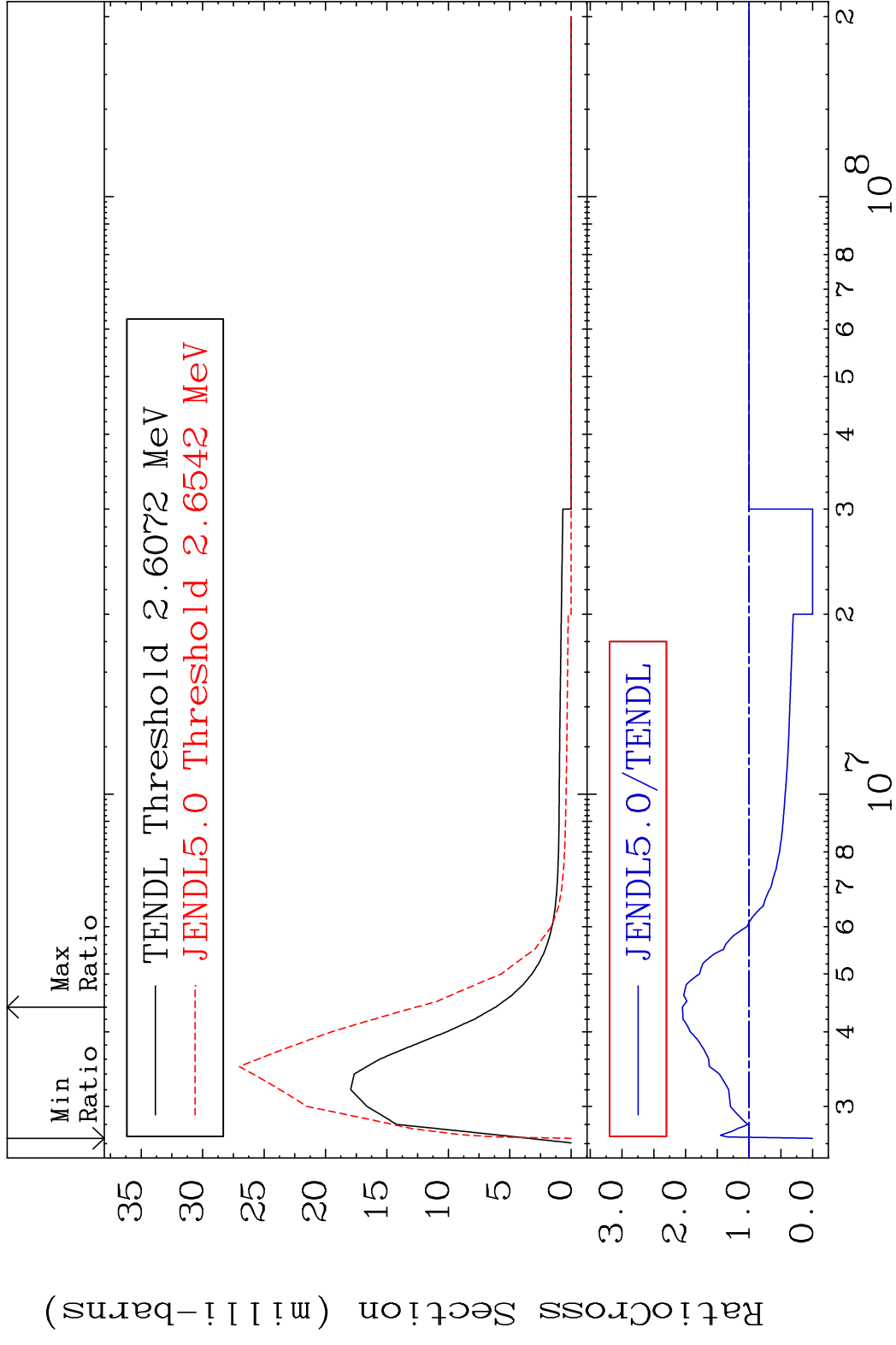
MAT 6231 MT= 75 (n, n') Level 62-Sm-146  
 Cross Section -100.0 To 0.000 %



MAT 6231 MT= 76 (n,n') Level 62-Sm-146  
 Cross Section -100.0 To 9999. %



MAT 6231 MT= 77 (n,n') Level 62-Sm-146  
 Cross Section -100.0 To 105.0 %

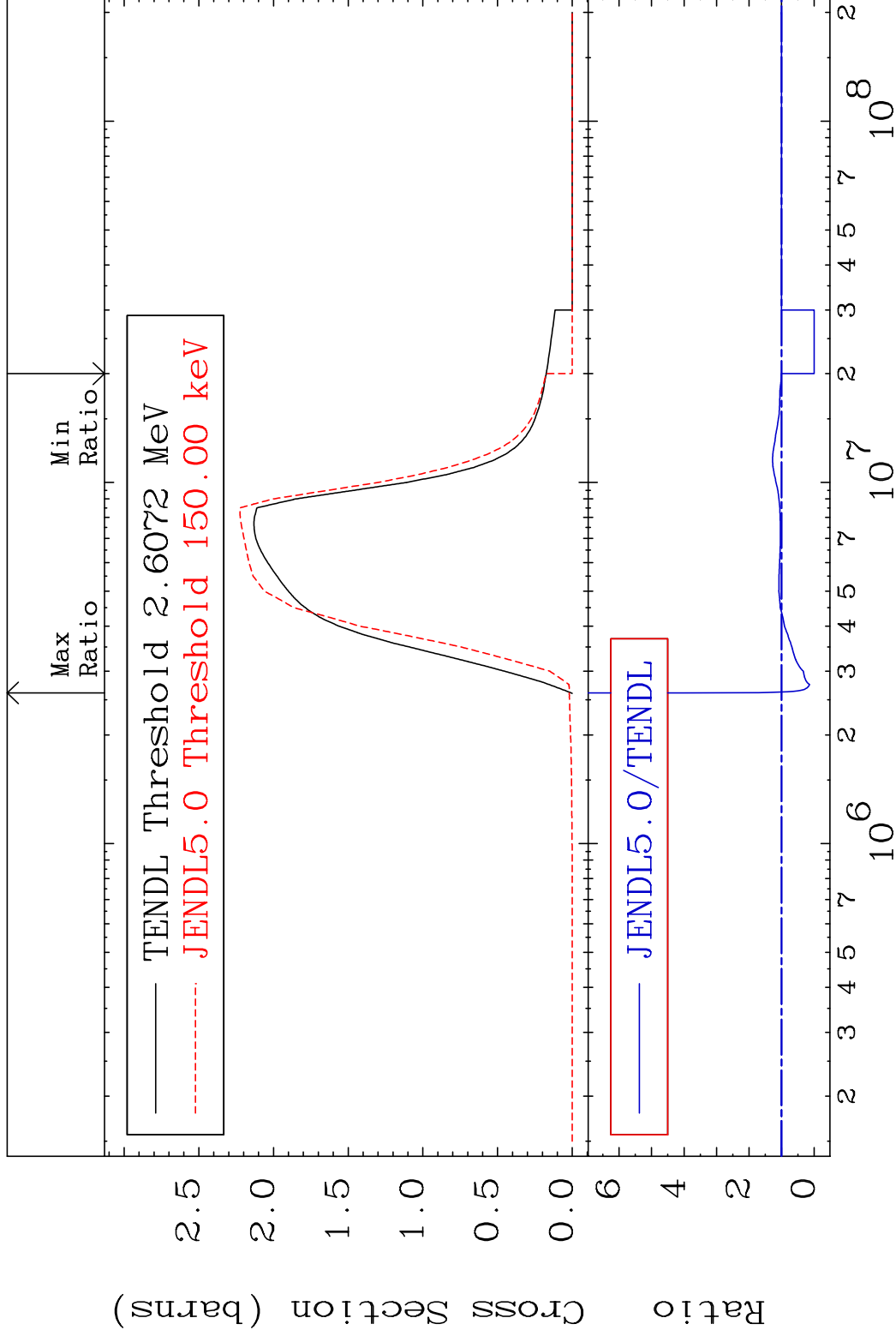


MAT 6231

(n, n') Continuum

62-Sm-146

Cross Section -100.0 To 301.3 %



40

Incident Energy (eV)

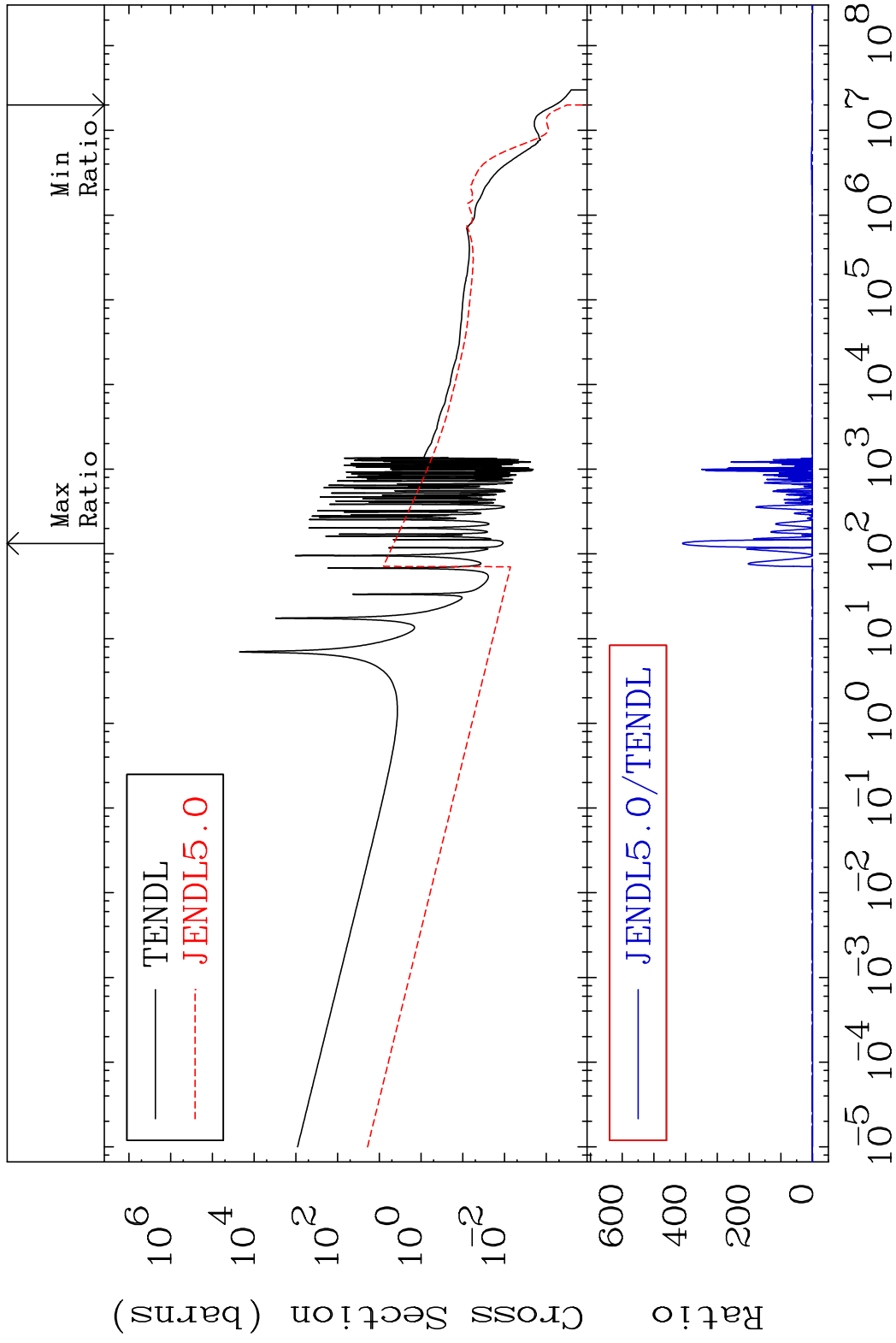
62-Sm-146

MAT 6231

(n,  $\gamma$ )

62-Sm-146

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

62-Sm-146

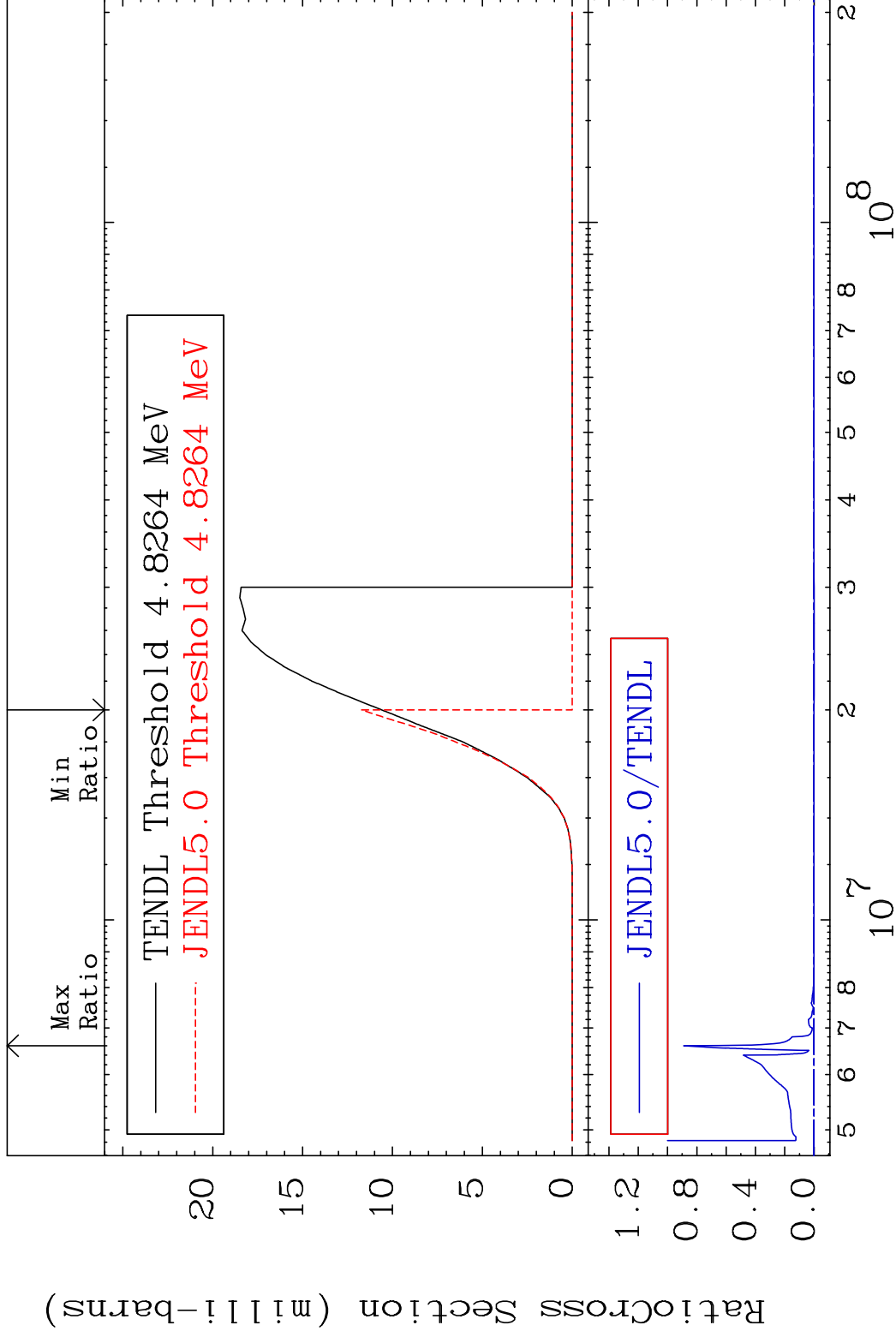


MAT 6231

(n,d)

62-Sm-146

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

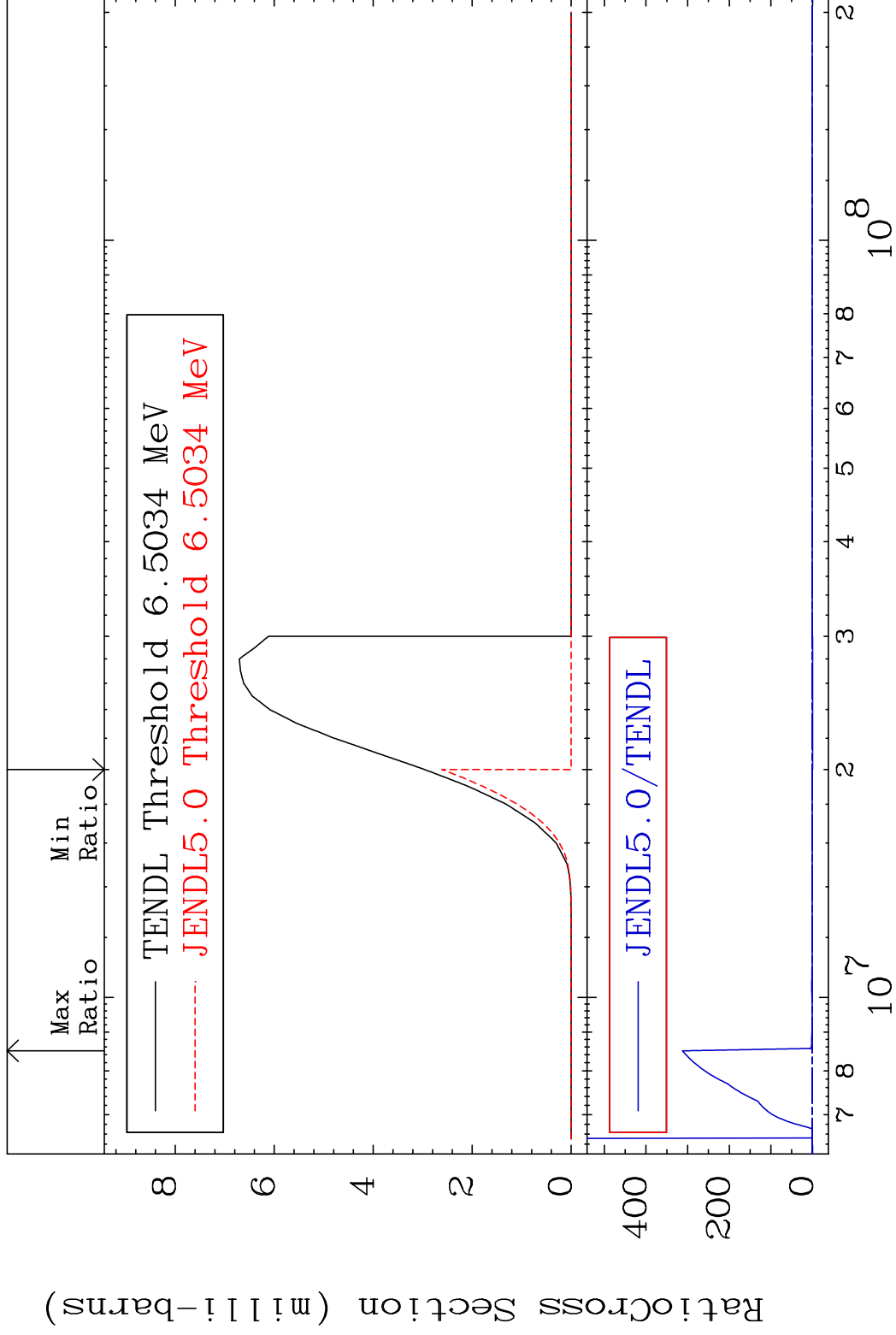
62-Sm-146

MAT 6231

(n, t)

62-Sm-146

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

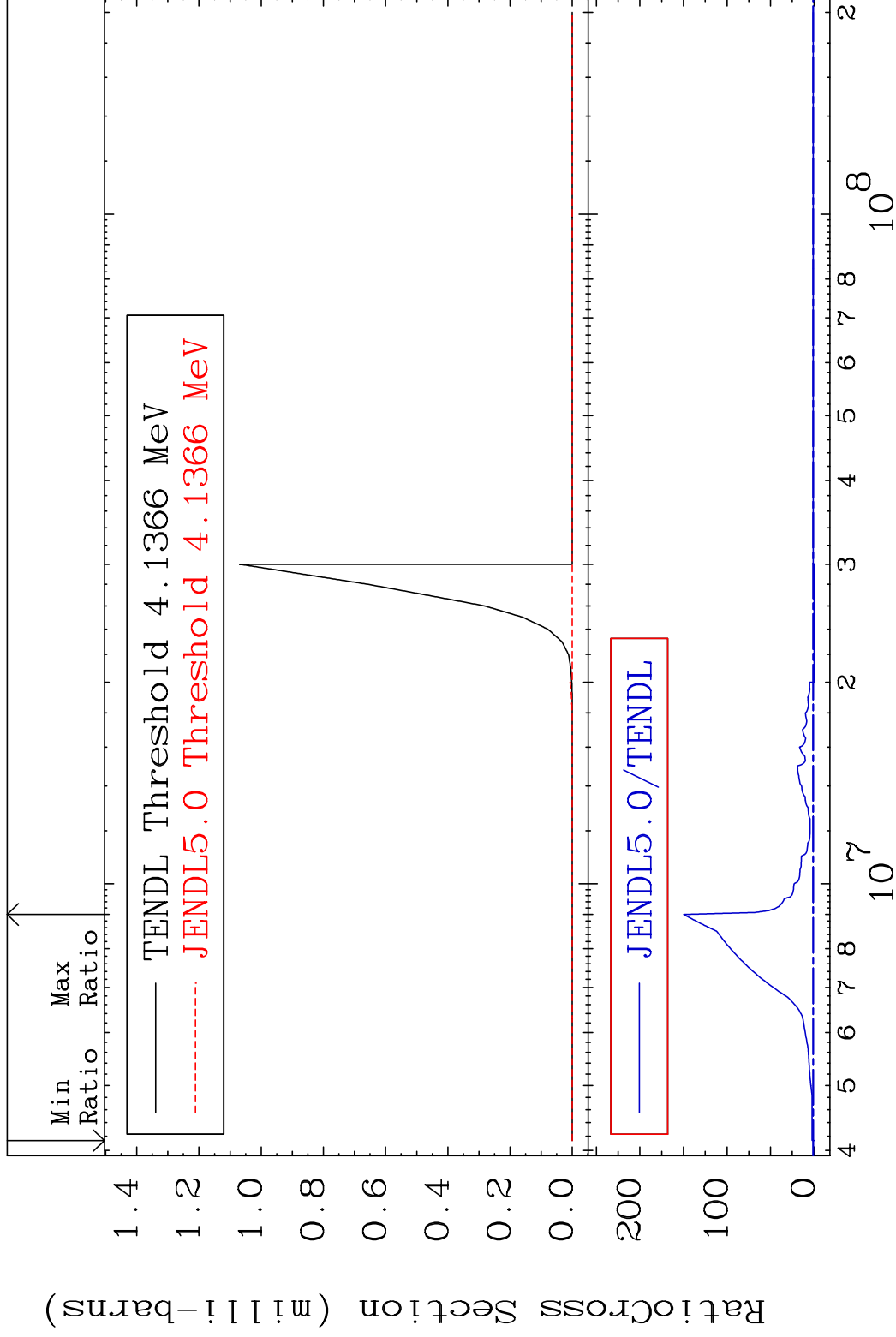
62-Sm-146

MAT 6231

(n, He-3)

62-Sm-146

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

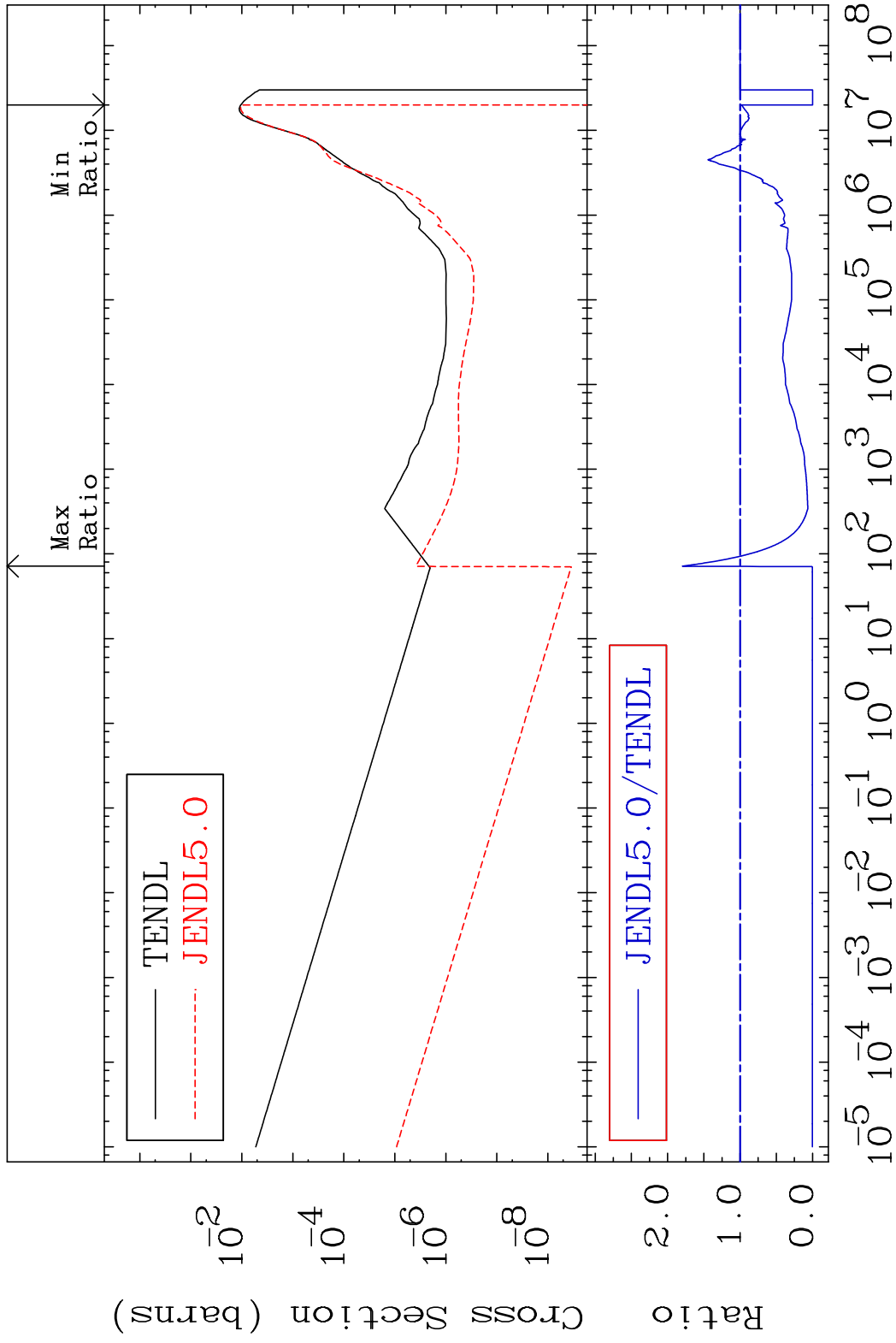
62-Sm-146

MAT 6231

(n,  $\alpha$ )

62-Sm-146

Cross Section -100.0 To 79.68 %

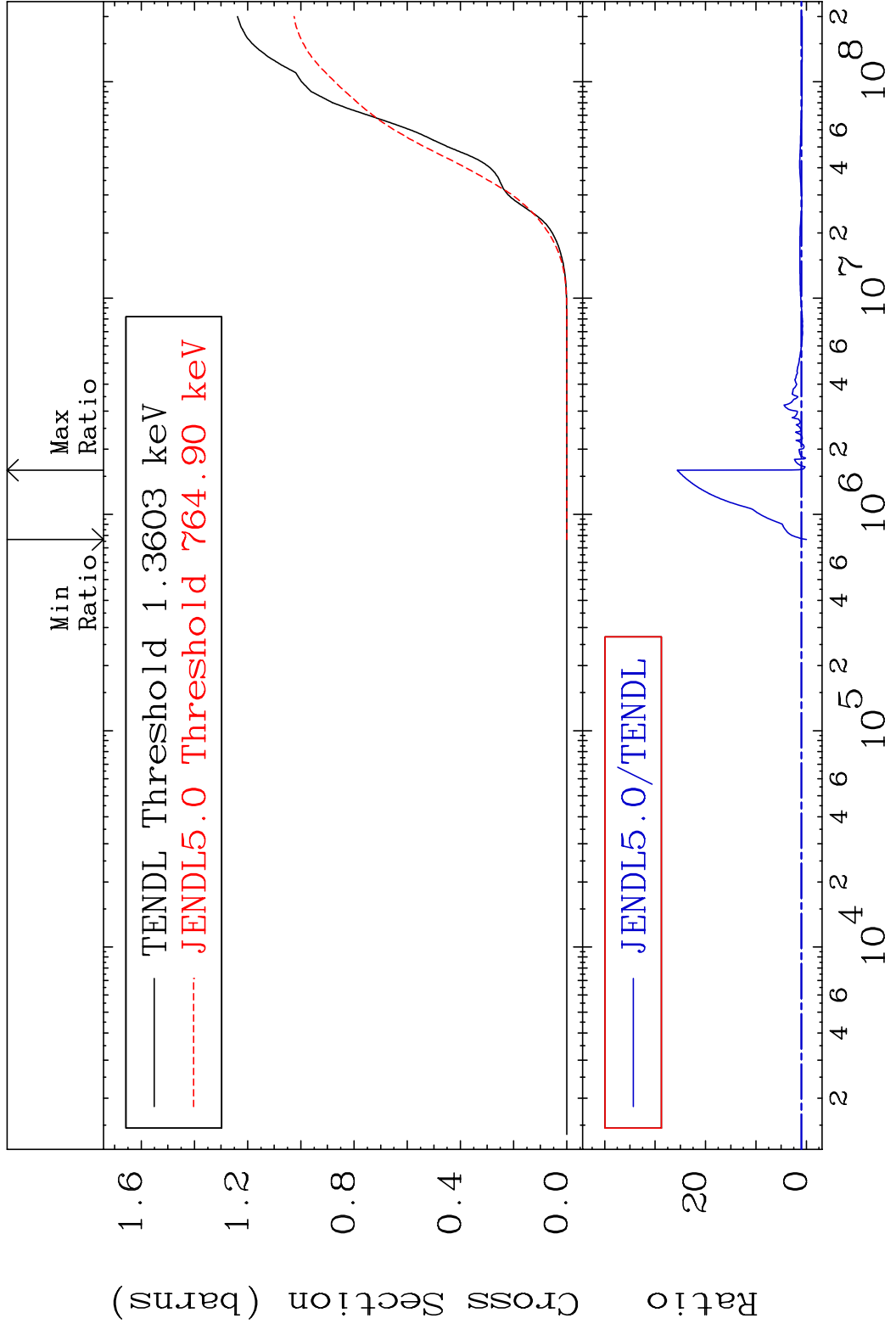


46

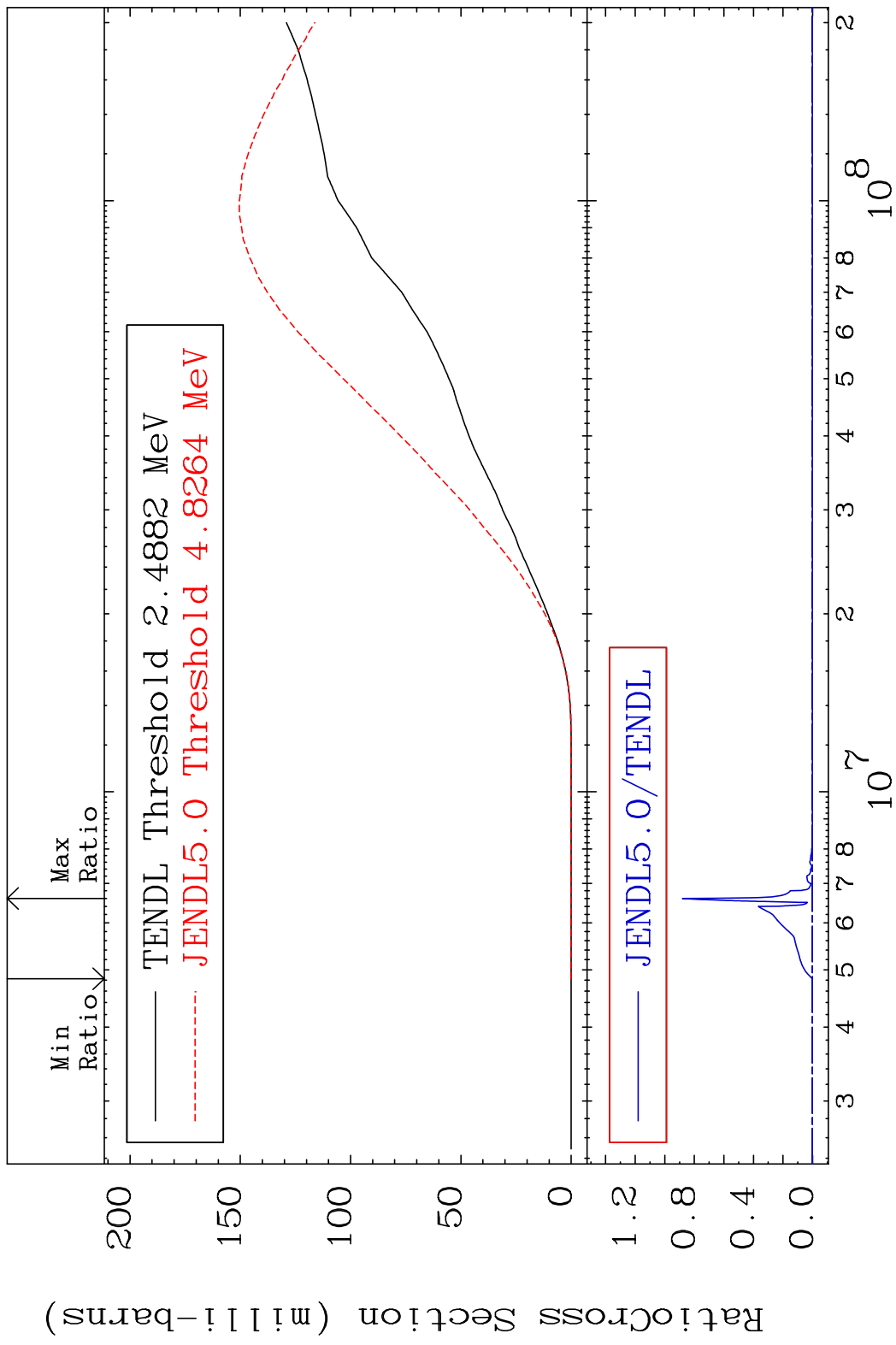
Incident Energy (eV)

62-Sm-146

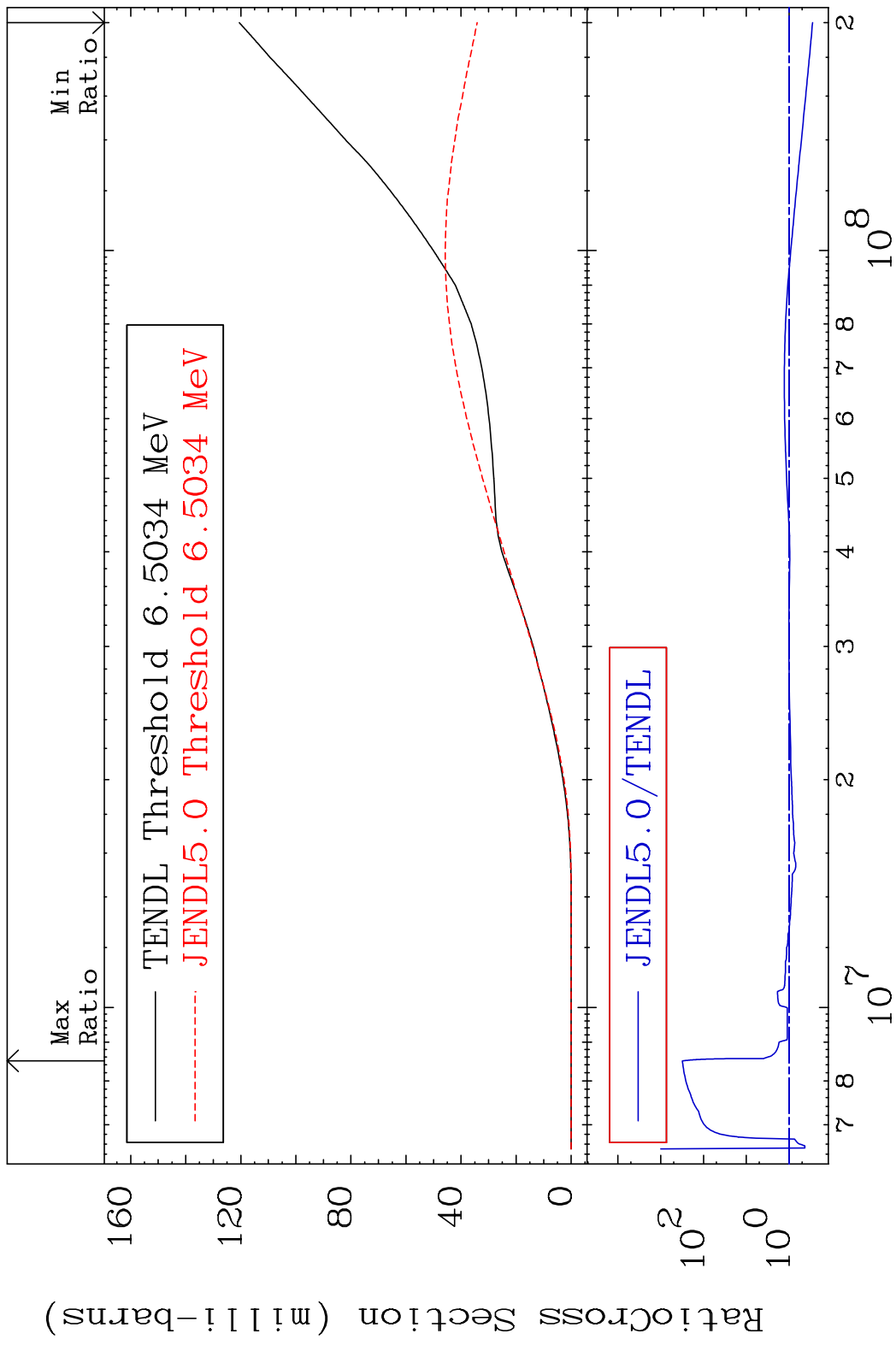
MAT 6231 Hydrogen Production 62-Sm-146  
 Cross Section -100.0 To 2463. %



MAT 6231 Deuterium Production 62-Sm-146  
 Cross Section -100.0 To 9999. %



MAT 6231 Tritium Production 62-Sm-146  
 Cross Section -71.64 To 9999. %



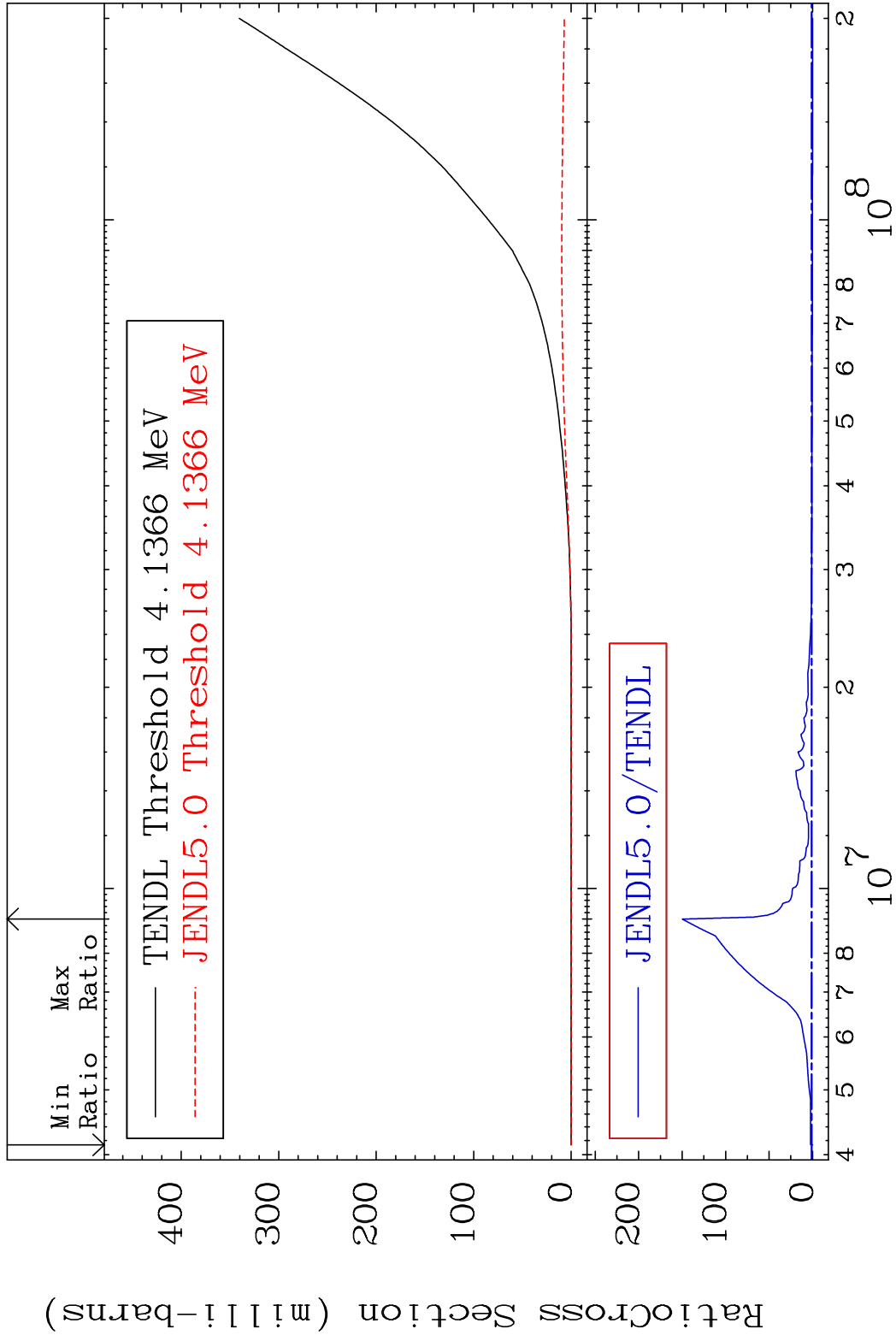
49 Incident Energy (eV) 62-Sm-146

MAT 6231

He-3 Production

62-Sm-146

Cross Section -100.0 To 9999. %



50

Incident Energy (eV)

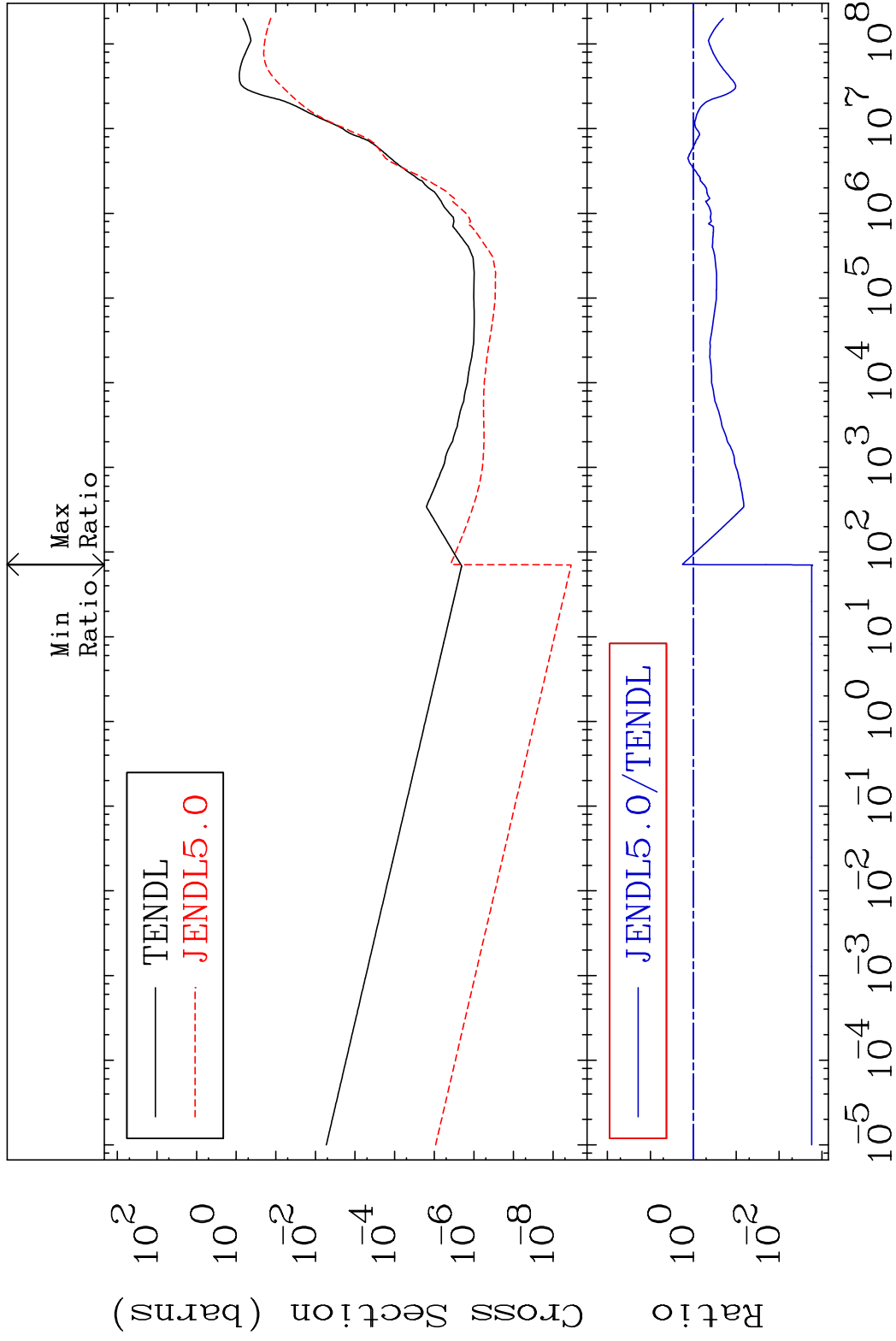
62-Sm-146

MAT 6231

He-4 Production

62-Sm-146

Cross Section -99.83 To 79.68 %

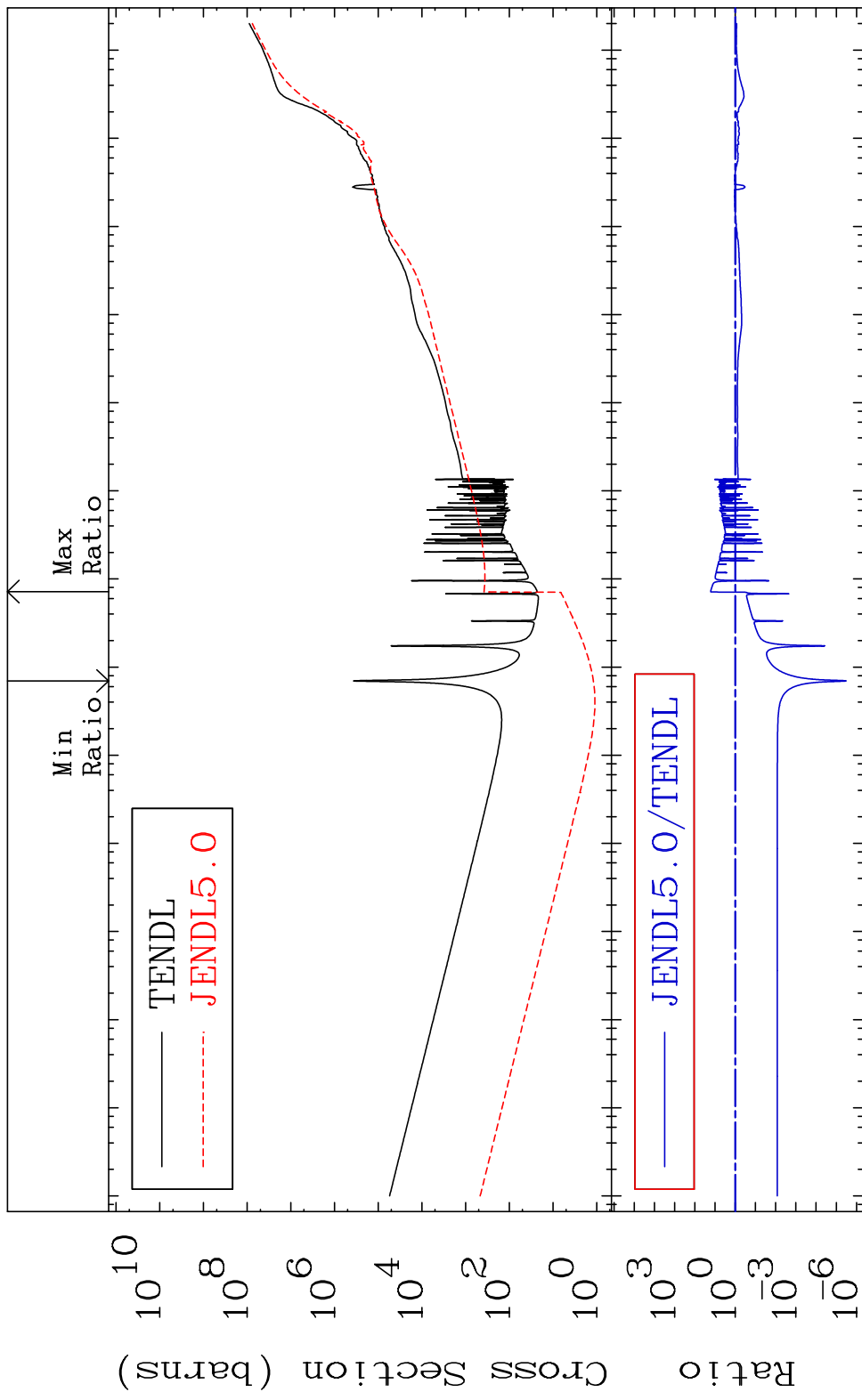


51

Incident Energy (eV)

62-Sm-146

MAT 6231 Kerma total (eV-barns) 62-Sm-146  
 Cross Section -100.0 To 1537. %

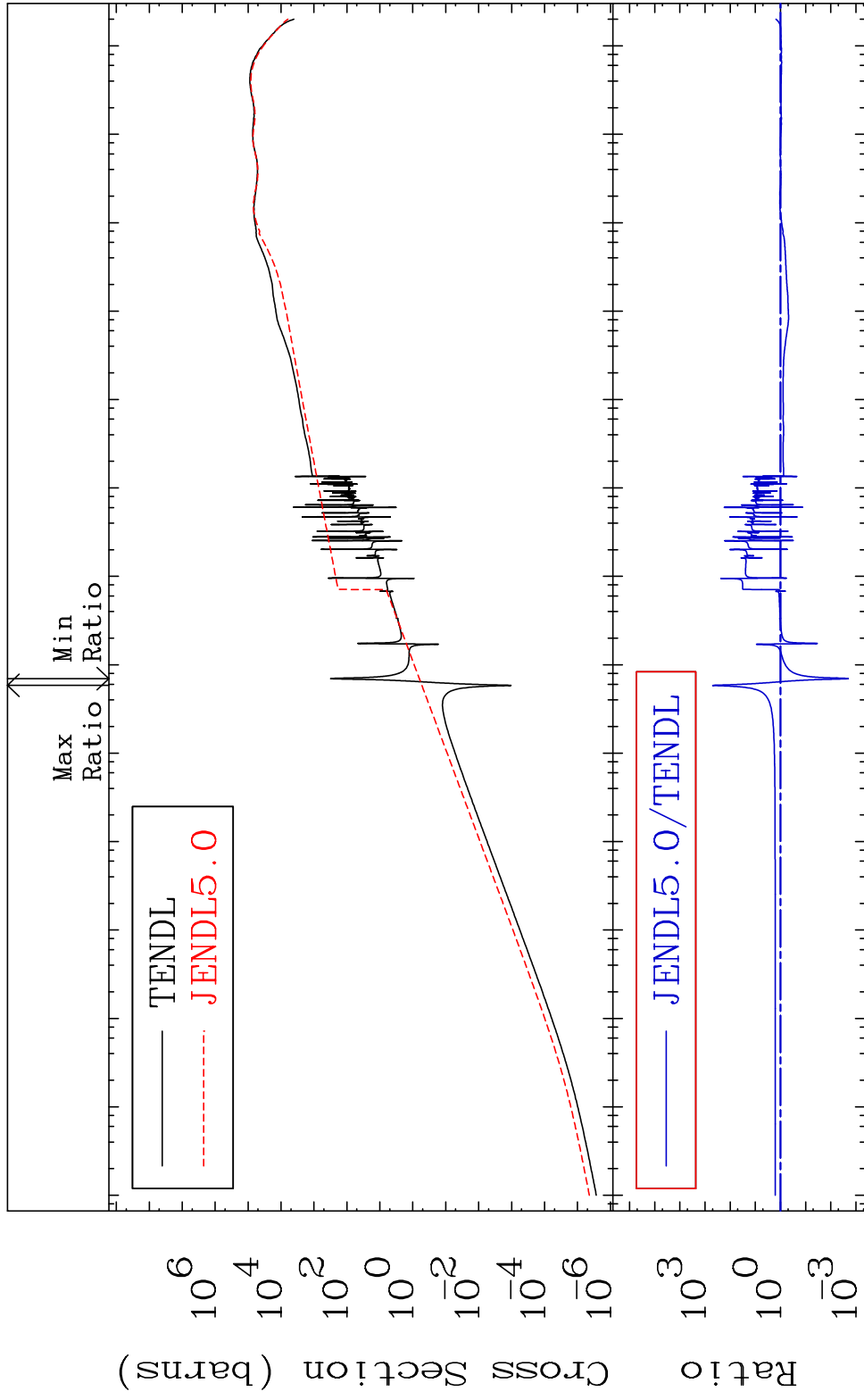


52 Incident Energy (eV) 62-Sm-146

MAT 6231

Kerma elastic  
Cross Section -99.80 To 9999. %

62-Sm-146

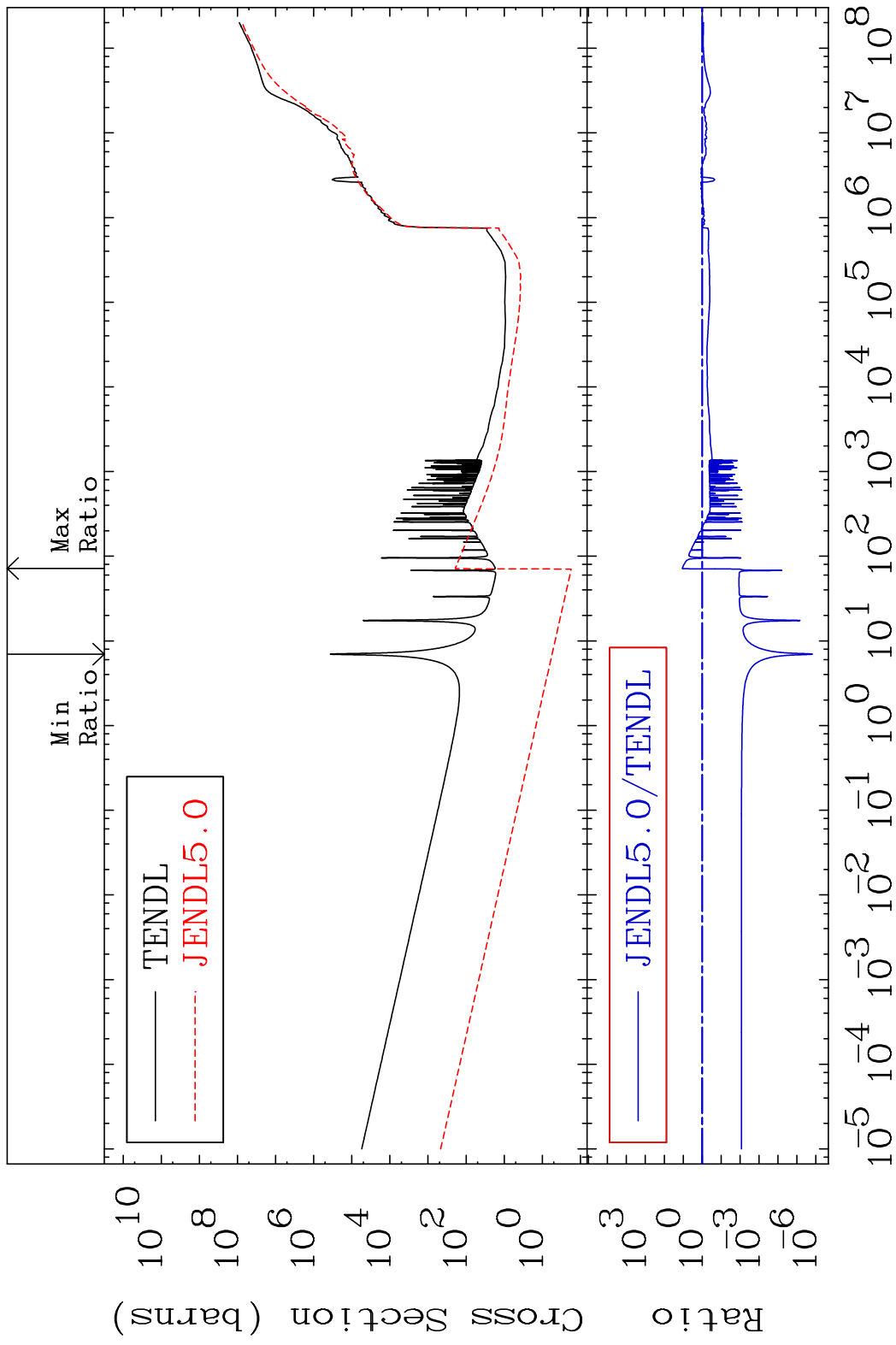


53

Incident Energy (eV)

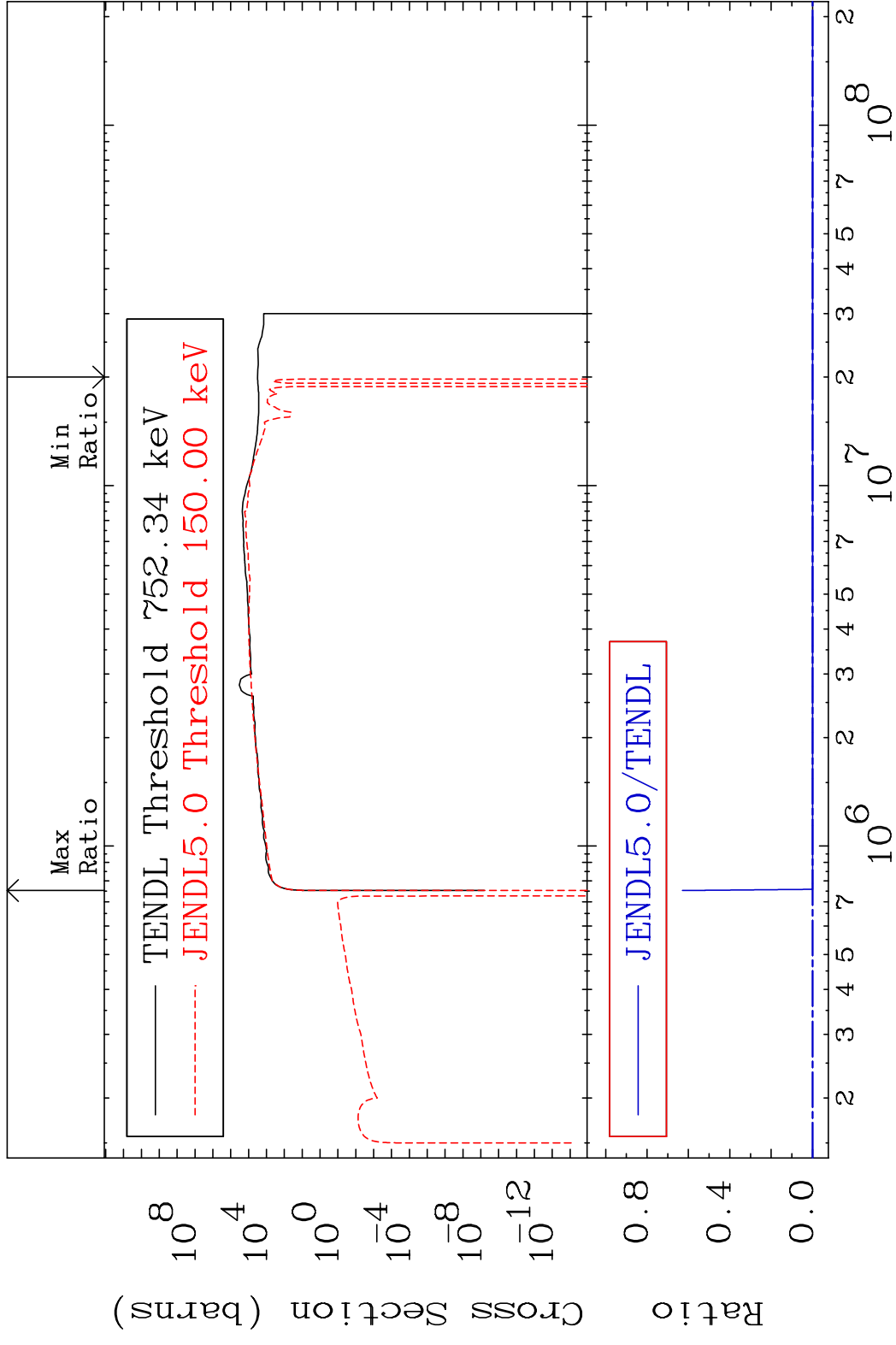
62-Sm-146

MAT 6231 Kerma non-elastic (all but mt2) 62-Sm-146  
 Cross Section -100.0 To 1011. %

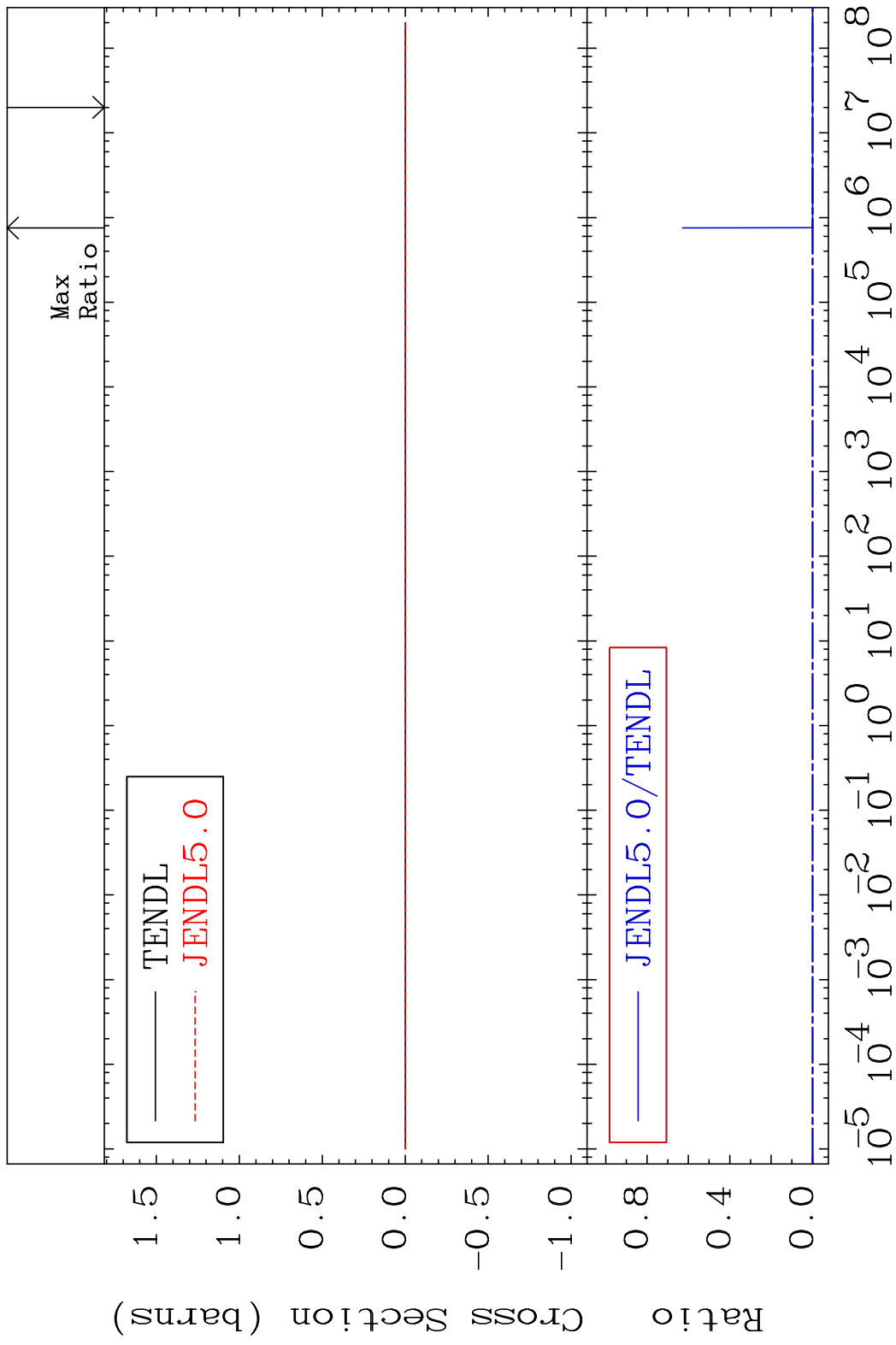


54 Incident Energy (eV) 62-Sm-146

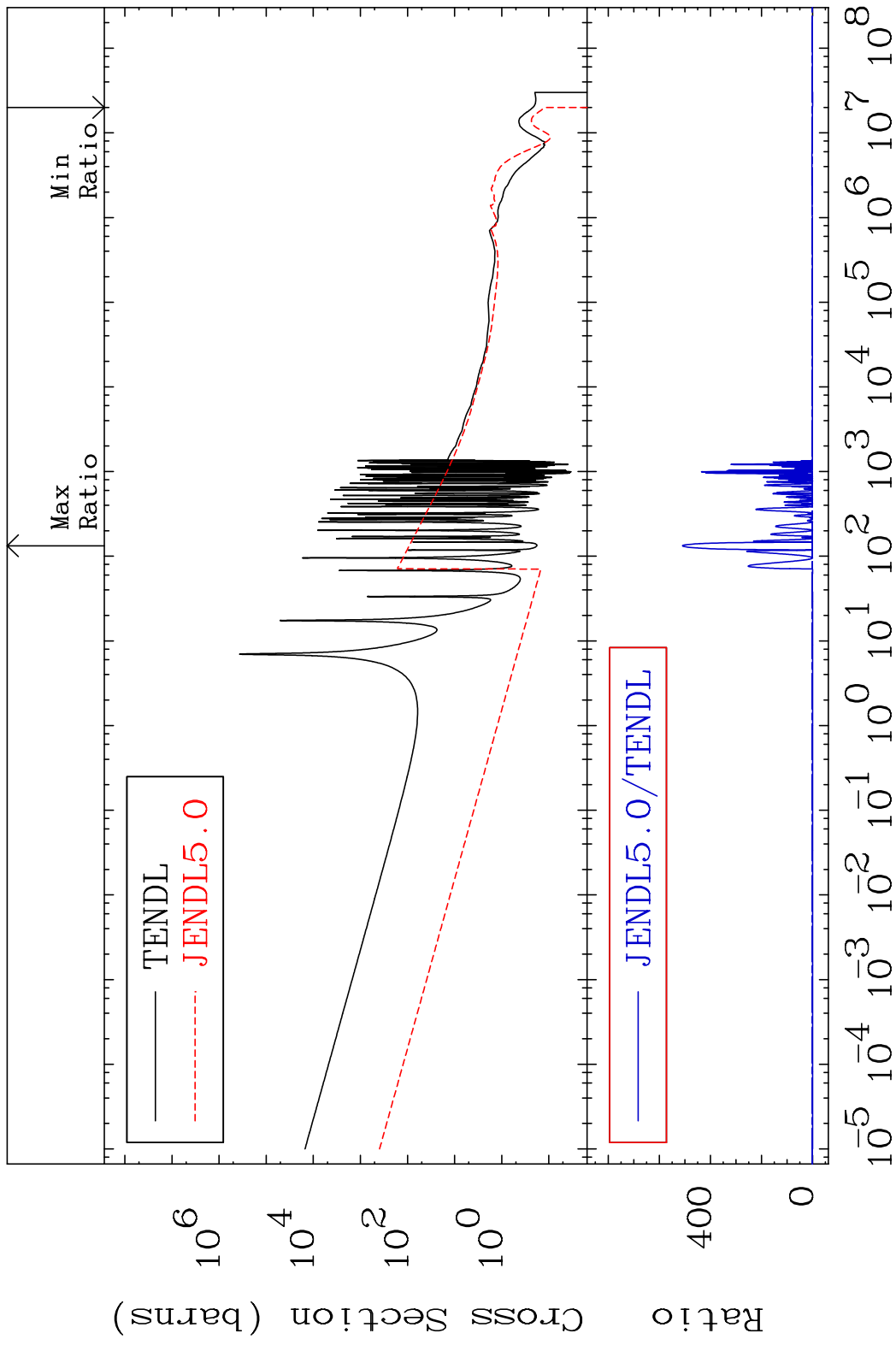
MAT 6231 Kerma inelastic (mt51-91) 62-Sm-146  
 Cross Section -113.0 To 9999. %



MAT 6231 Kerma fission (mt18 or mt19-20-21-38)  $^{62}\text{Sm}$ -146  
 Cross Section -113.0 To 9999. %

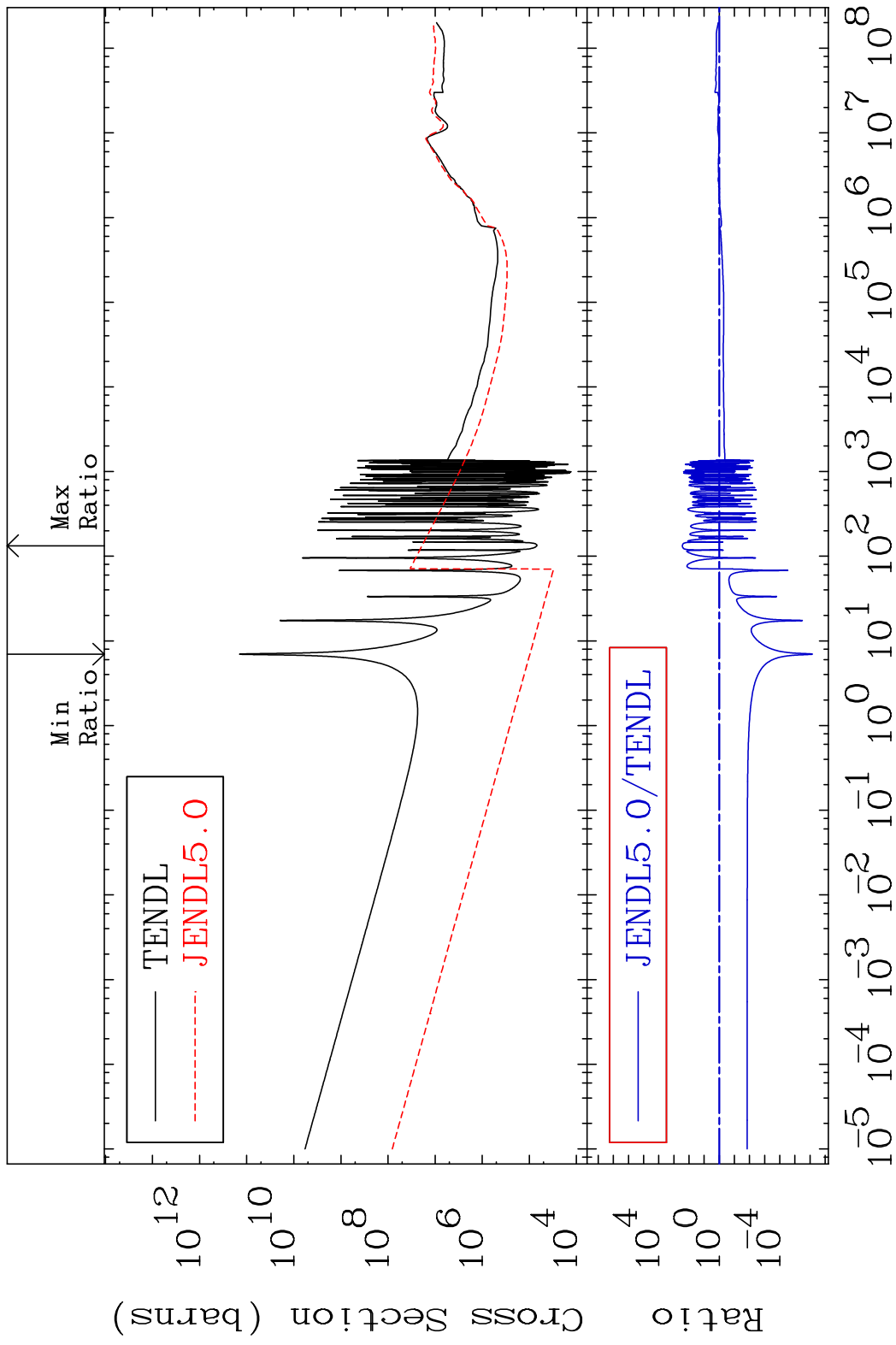


MAT 6231 Kerma capture (mt102) 62-Sm-146  
 Cross Section -100.0 To 9999. %

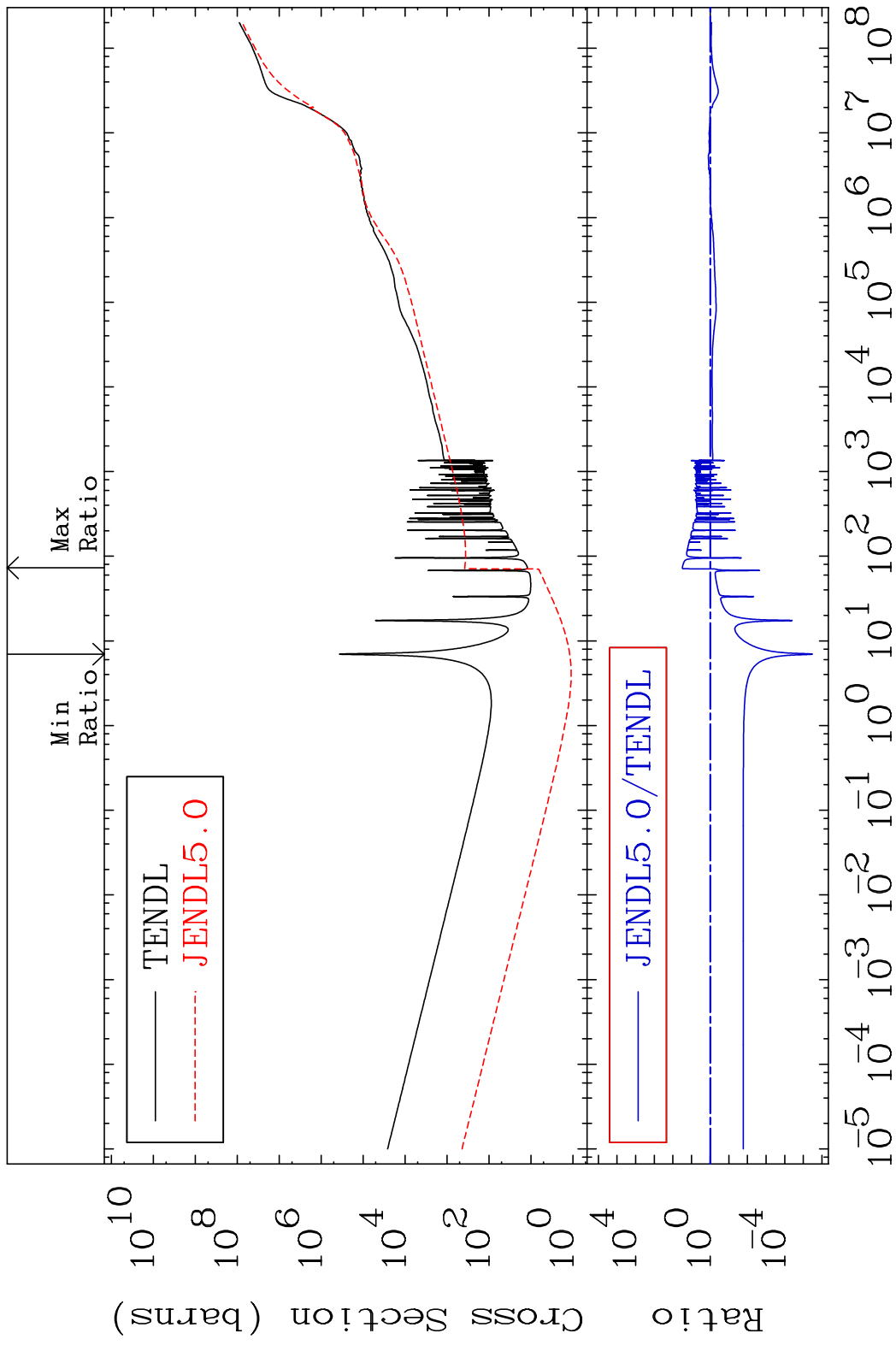


57 Incident Energy (eV) 62-Sm-146

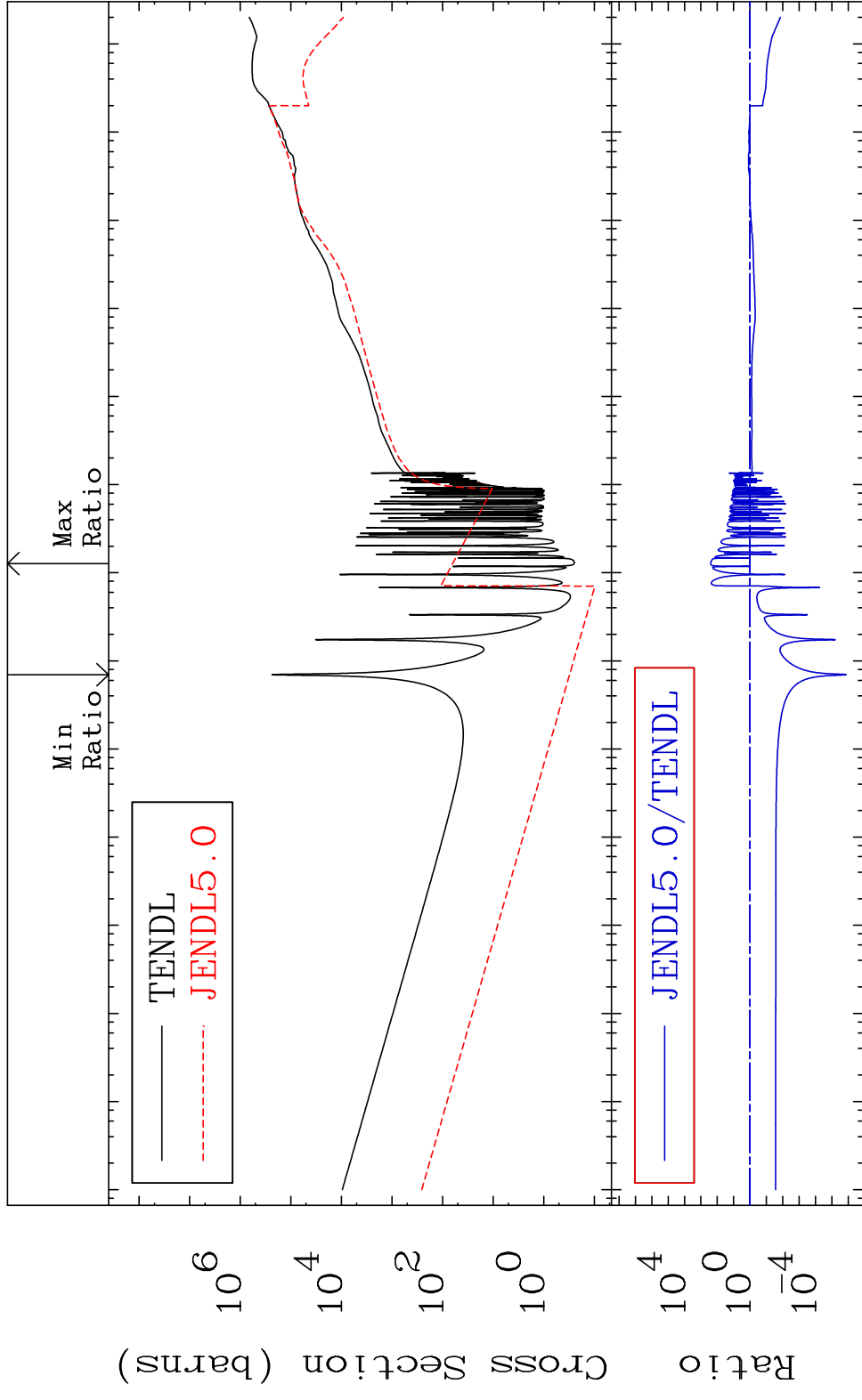
MAT 6231 Total photon (eV-barns) 62-Sm-146  
 Cross Section -100.0 To 9999. %



MAT 6231 Total kinematic kerma (high limit) 62-Sm-146  
Cross Section -100.0 To 3012. %



MAT 6231      Dpa total (eV-barns)      62-Sm-146  
Cross Section      -100.0 To 9999.      %



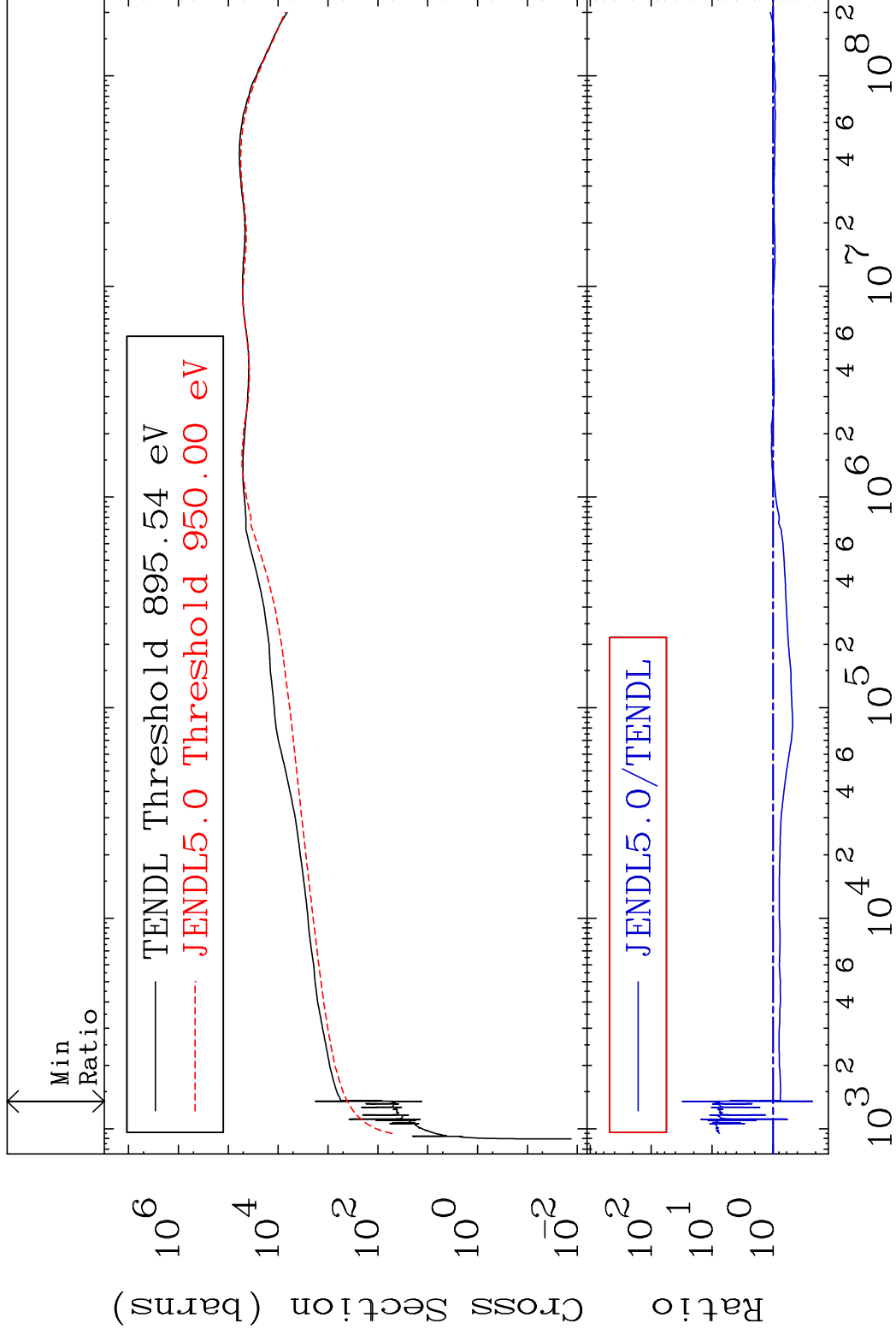
60      Incident Energy (eV)      62-Sm-146

MAT 6231

Dpa elastic (mt2)

62-Sm-146

Cross Section -77.51 To 2974. %

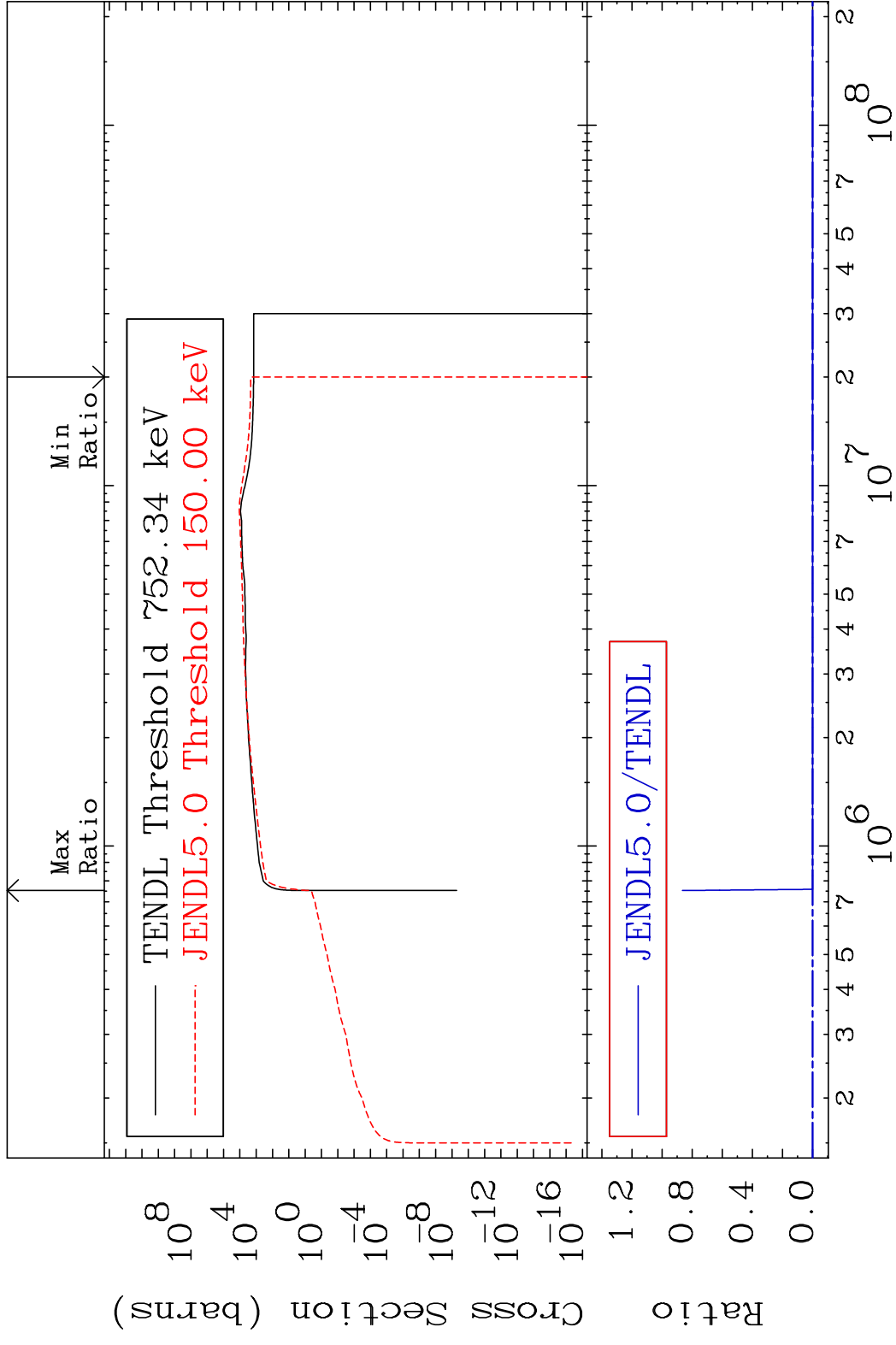


61

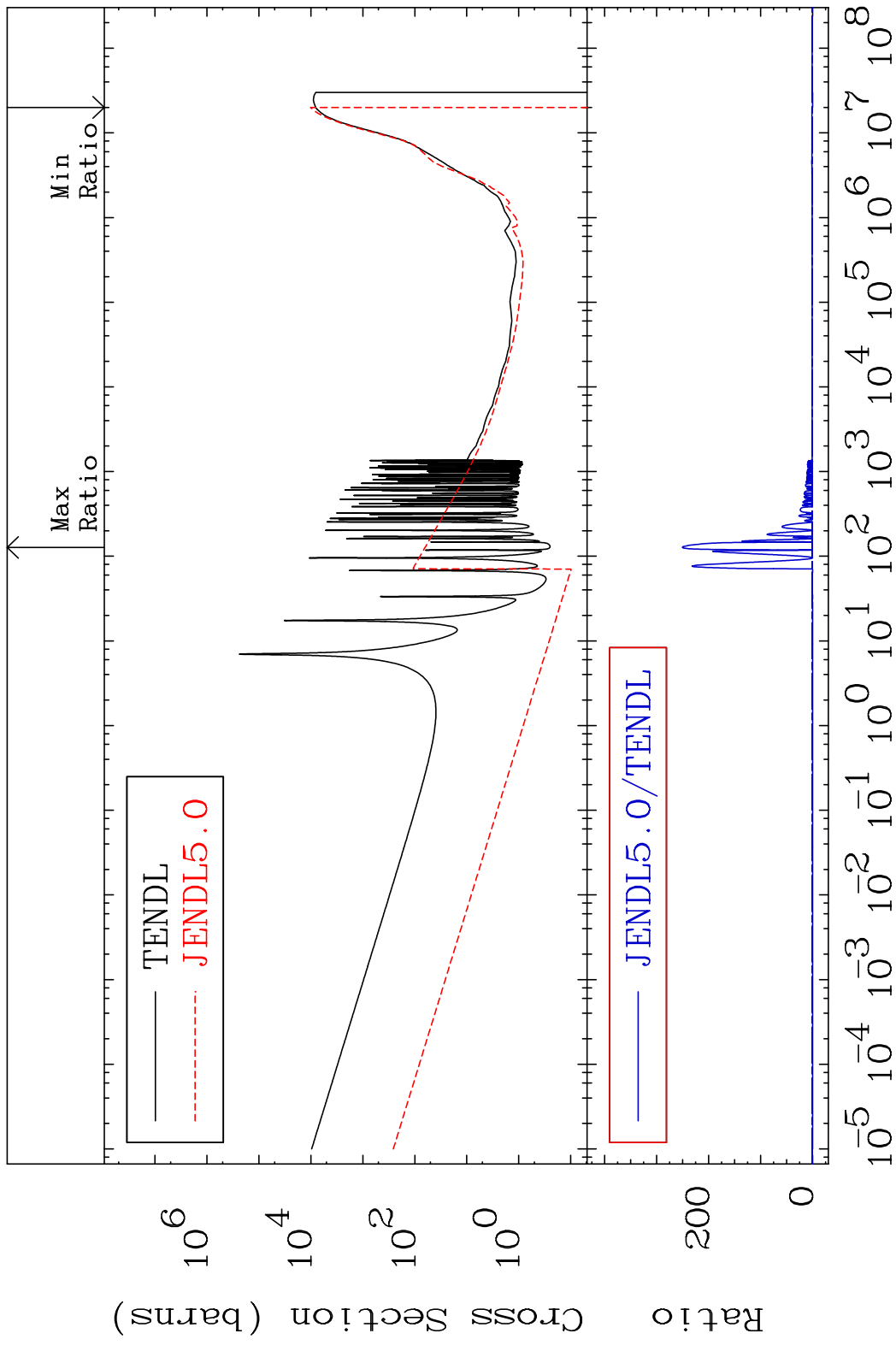
Incident Energy (eV)

62-Sm-146

MAT 6231 Dpa inelastic (mt51-91) 62-Sm-146  
 Cross Section -100.0 To 9999. %

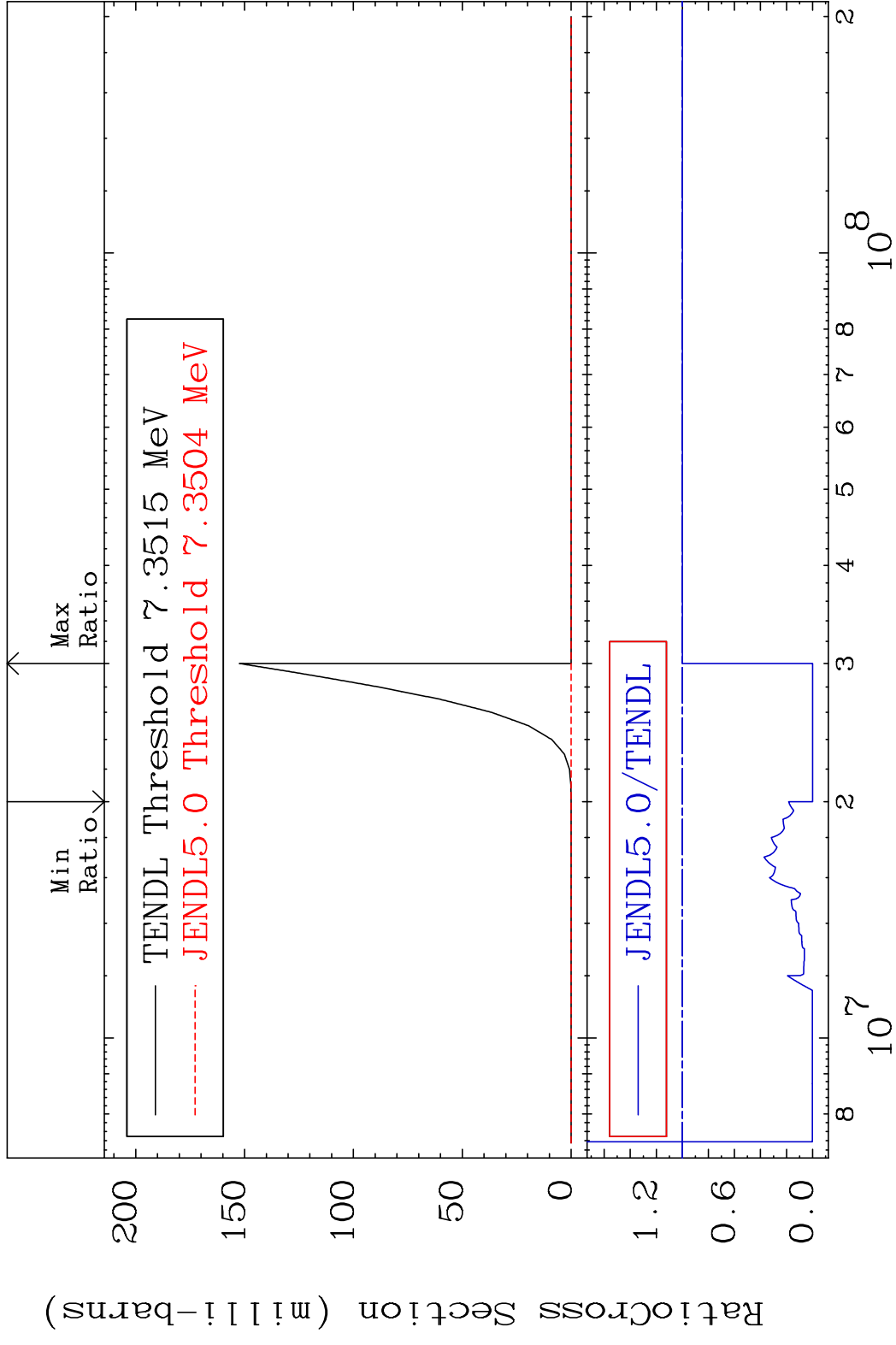


MAT 6231 Dpa disappearance (mt102 -120) 62-Sm-146  
 Cross Section -100.0 To 9999. %



63 Incident Energy (eV) 62-Sm-146

MAT 6231 (n,2n)  $\alpha$ :60-Nd-141g 62-Sm-146  
 Radionuclide Production Cross Section 180.0 dth 0.000 %



MAT 6231 (n,2n)  $\alpha$ :60-Nd-141m2 62-Sm-146  
 Radionuclide Production Cross Section 180.0 dth 0.000 %

