

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

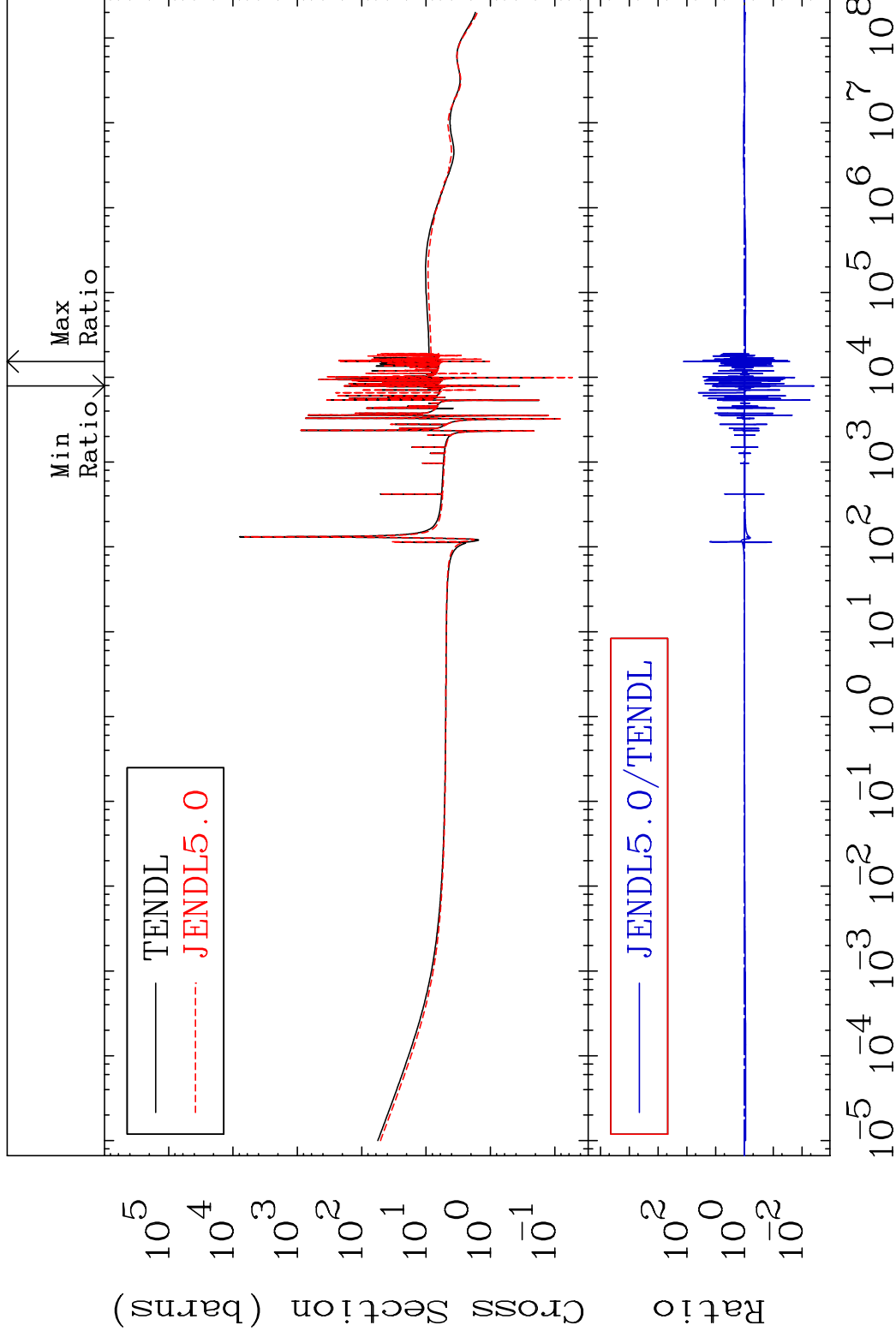
MAT 4237

Total

42-Mo-96

Cross Section

-99.62 To 9999. %



1

Incident Energy (eV)

42-Mo-96

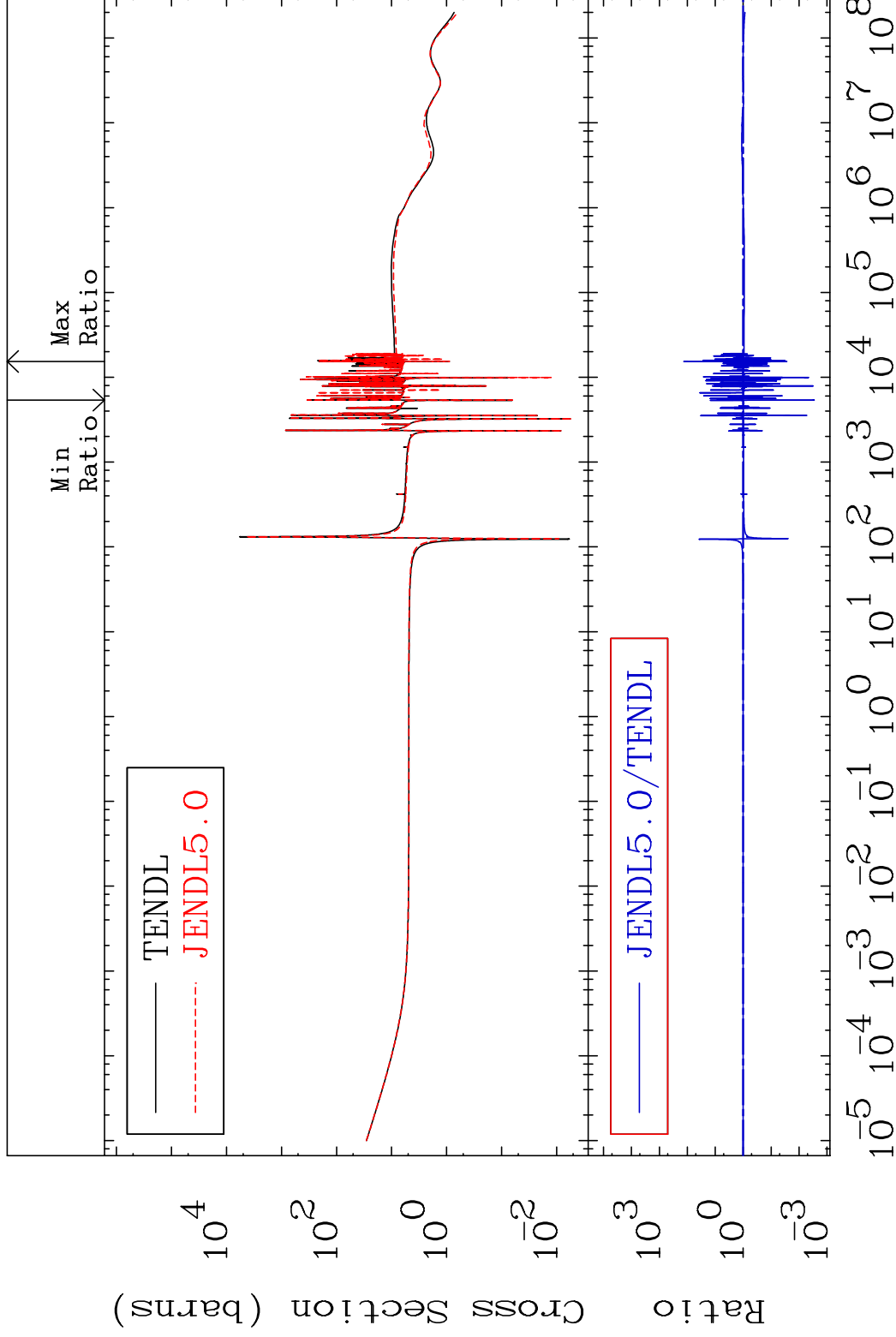
MAT 4237

Elastic

42-Mo-96

Cross Section

-99.71 To 9999. %

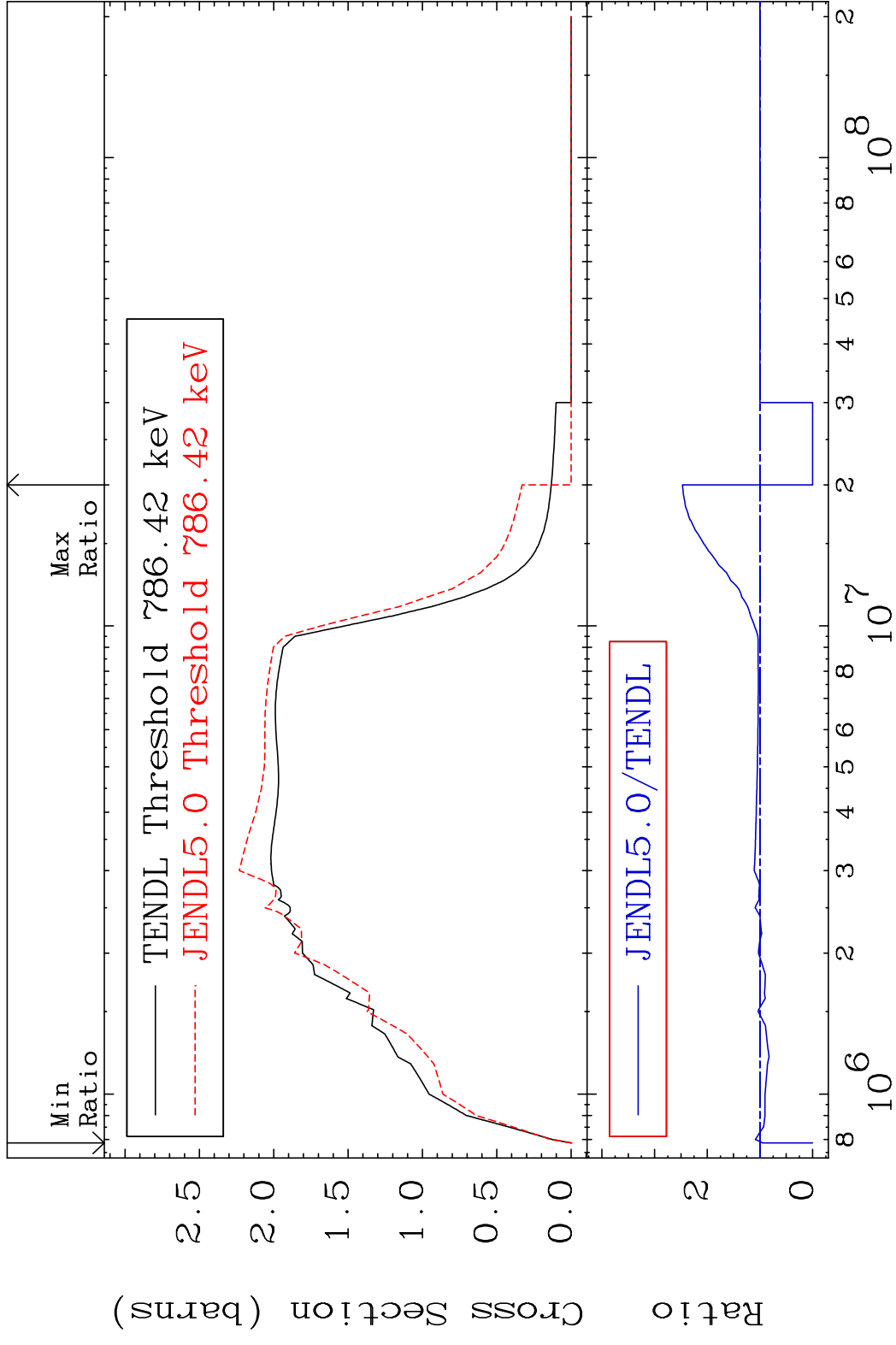


2

Incident Energy (eV)

42-Mo-96

MAT 4237 Inelastic Cross Section -100.0 To 147.3 % 42-Mo-96



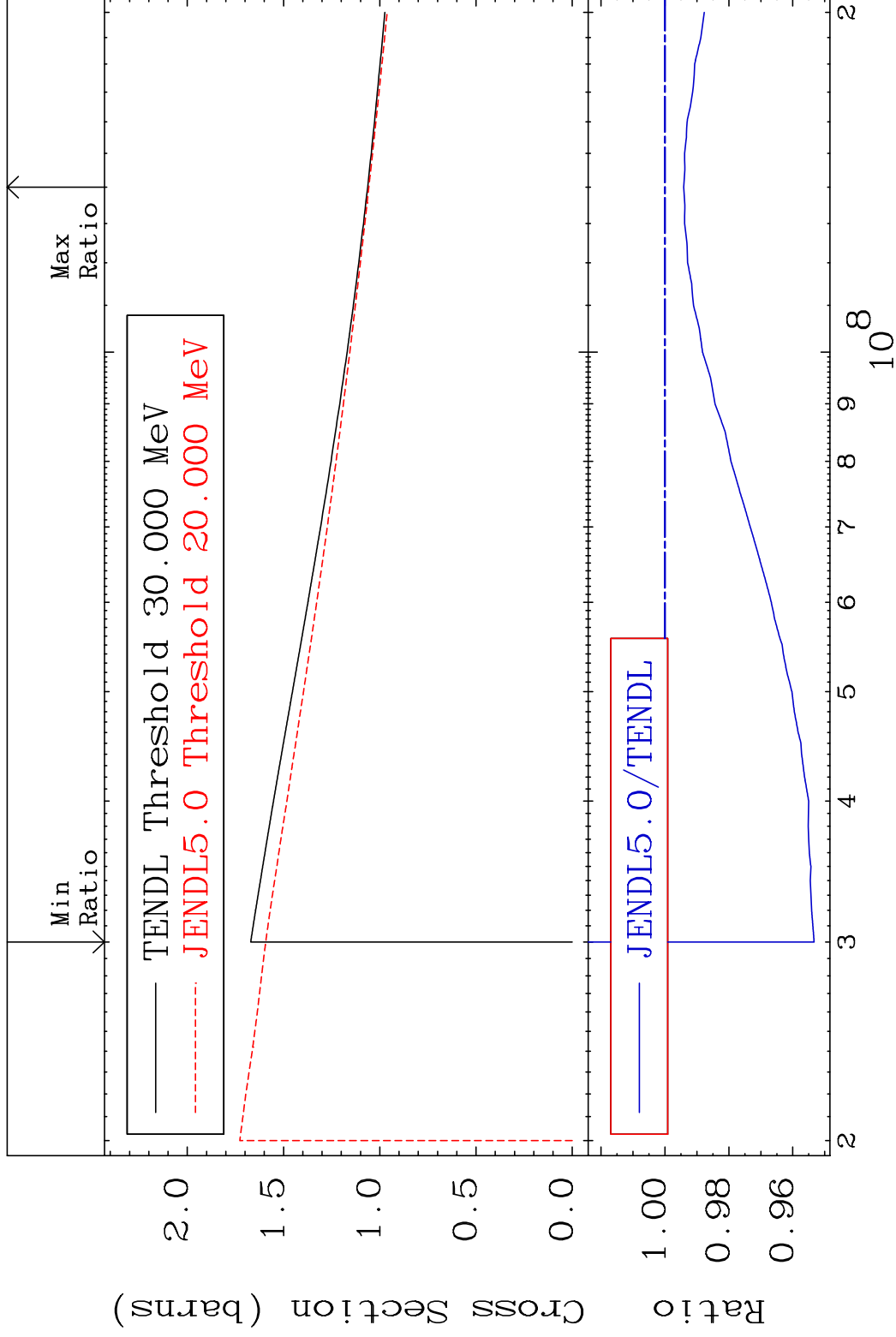
3 Incident Energy (eV) 42-Mo-96

MAT 4237

(n, remainder)

42-Mo-96

Cross Section -4.6667 To -0.5855%



4

Incident Energy (eV)

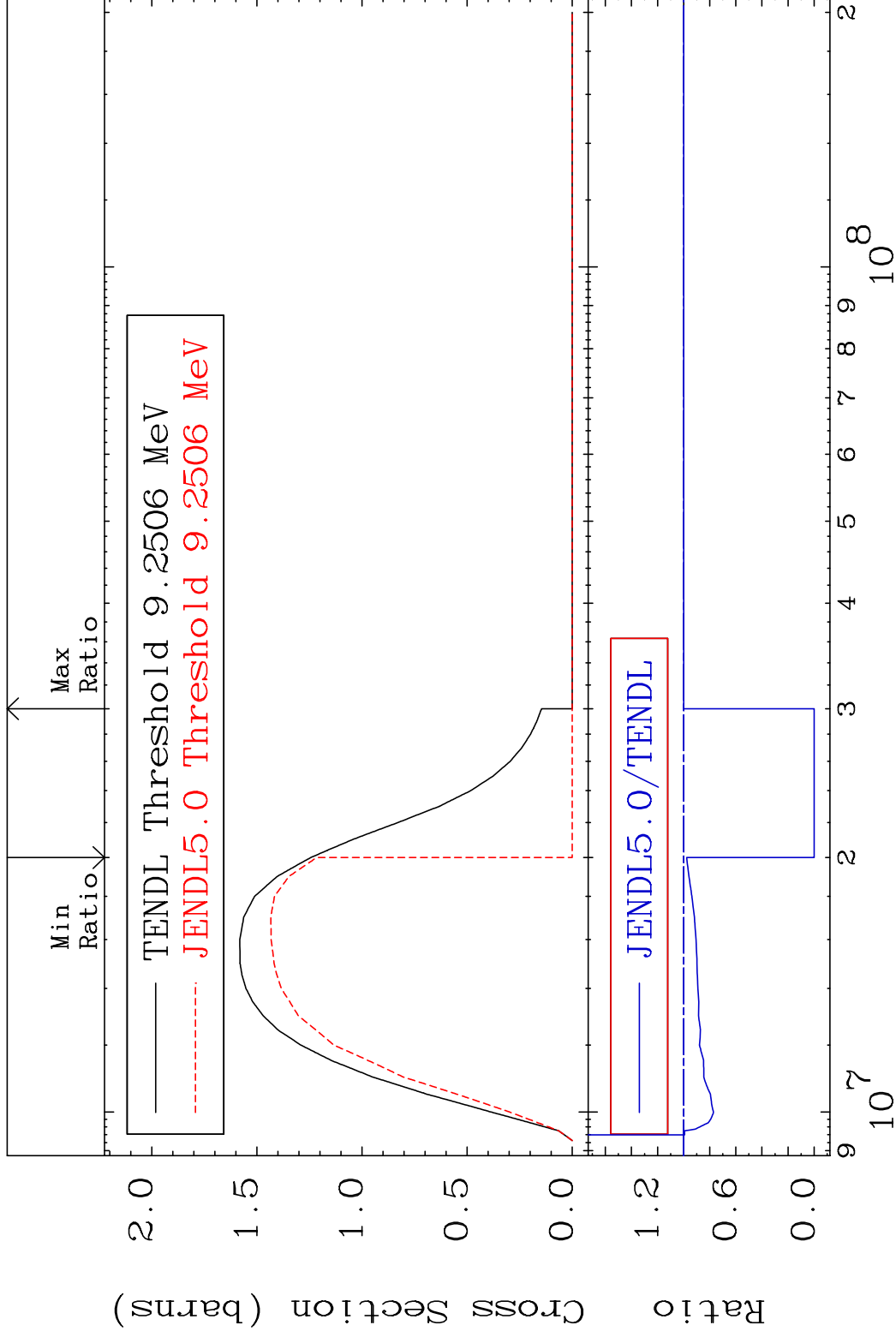
42-Mo-96

MAT 4237

(n,2n)

42-Mo-96

Cross Section -100.0 To 0.000 %

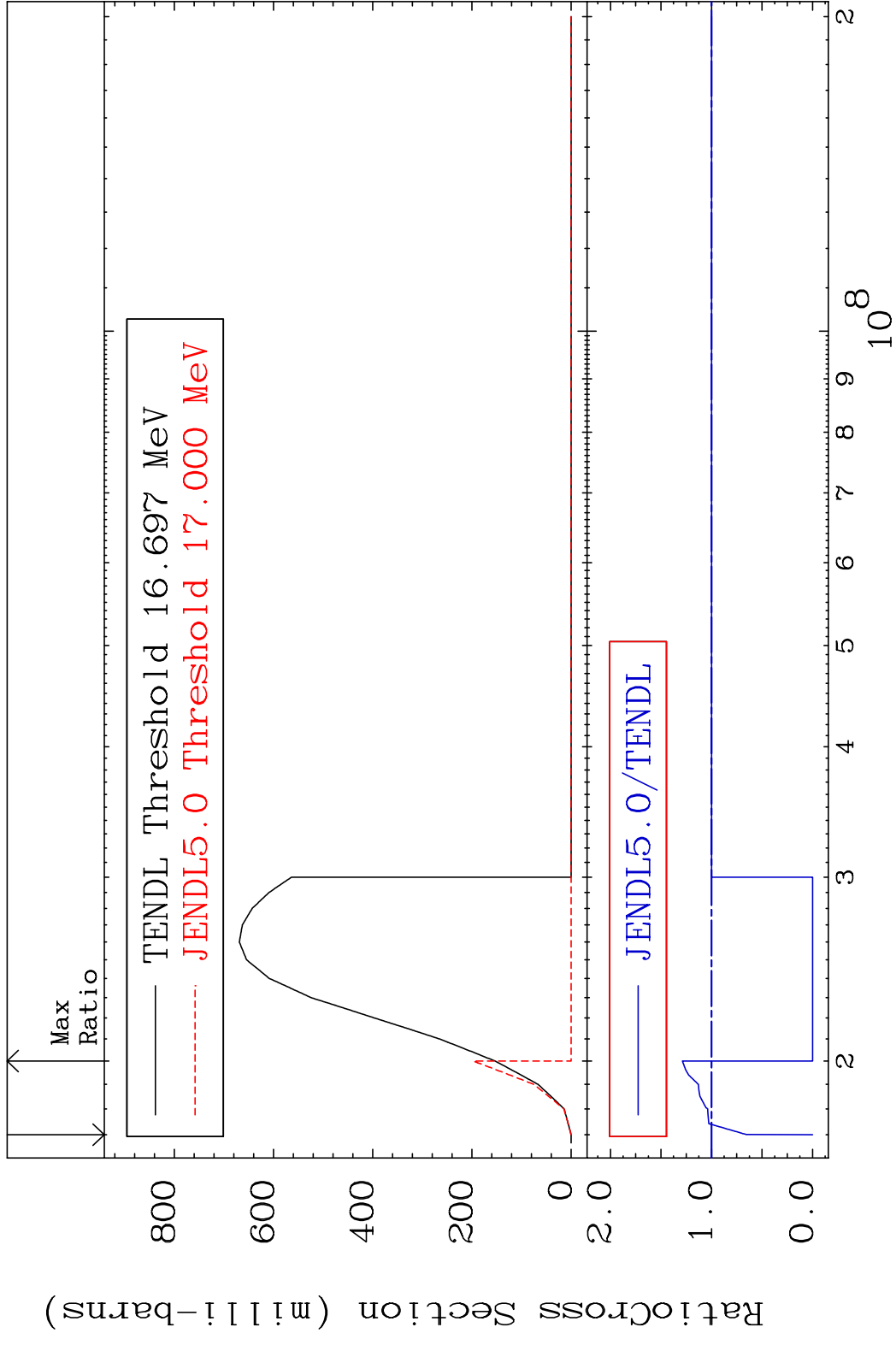


5

Incident Energy (eV)

42-Mo-96

MAT 4237 (n,3n) 42-Mo-96  
 Cross Section -100.0 To 28.84 %

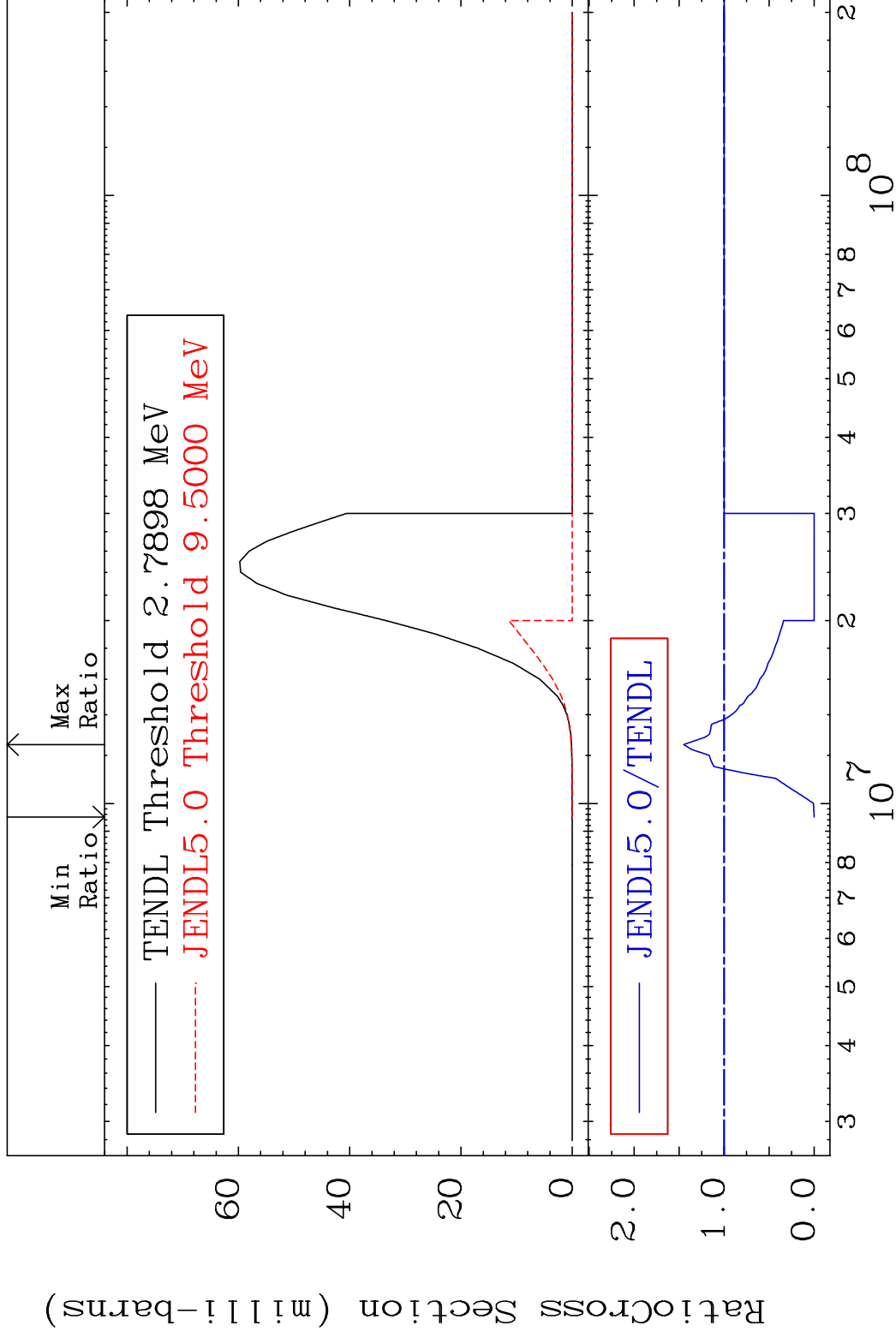


MAT 4237

(n, n')  $\alpha$

42-Mo-96

Cross Section -100.0 To 44.97 %



7

Incident Energy (eV)

42-Mo-96

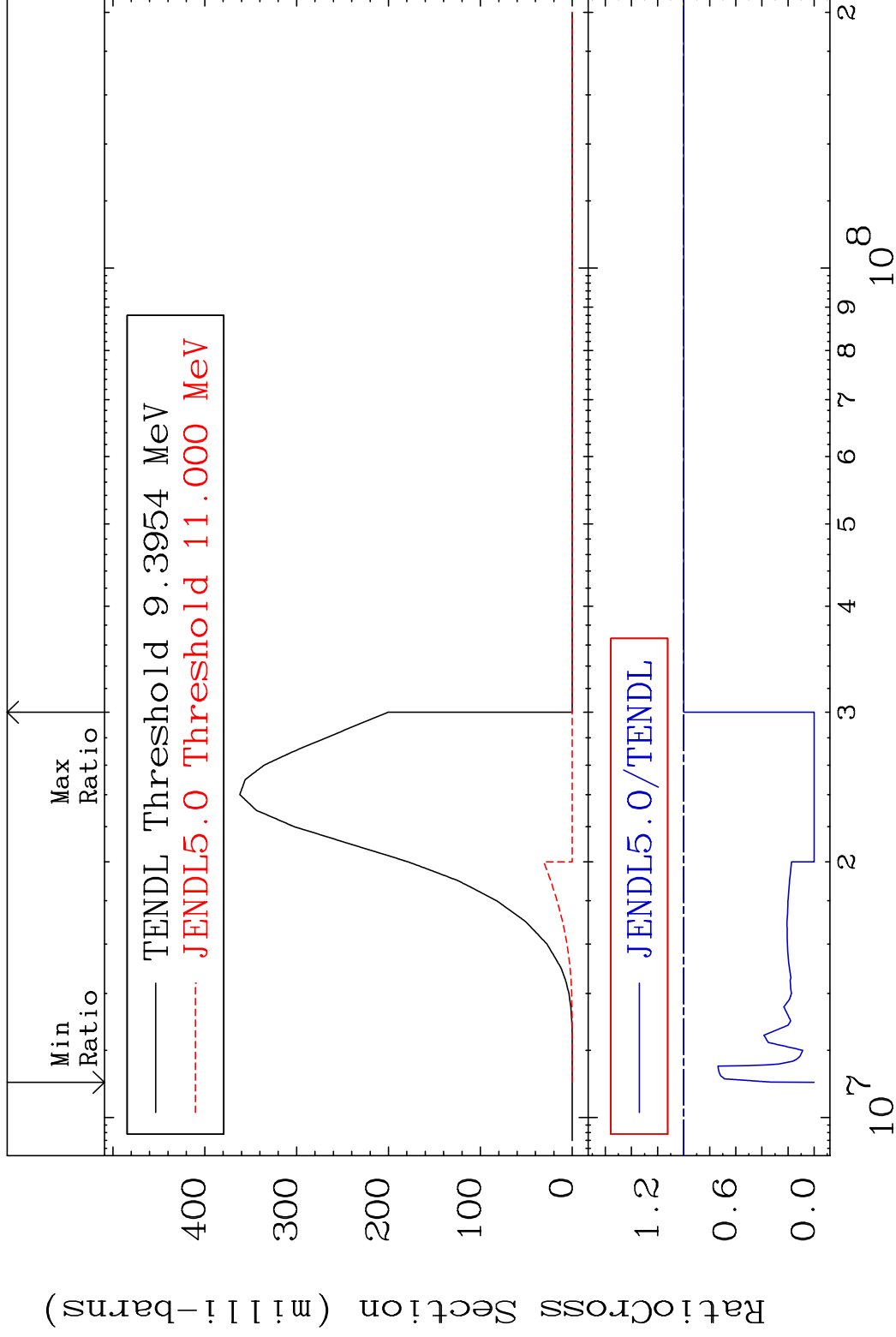


MAT 4237

(n, n') p

42-Mo-96

Cross Section -100.0 To 0.000 %



8

Incident Energy (eV)

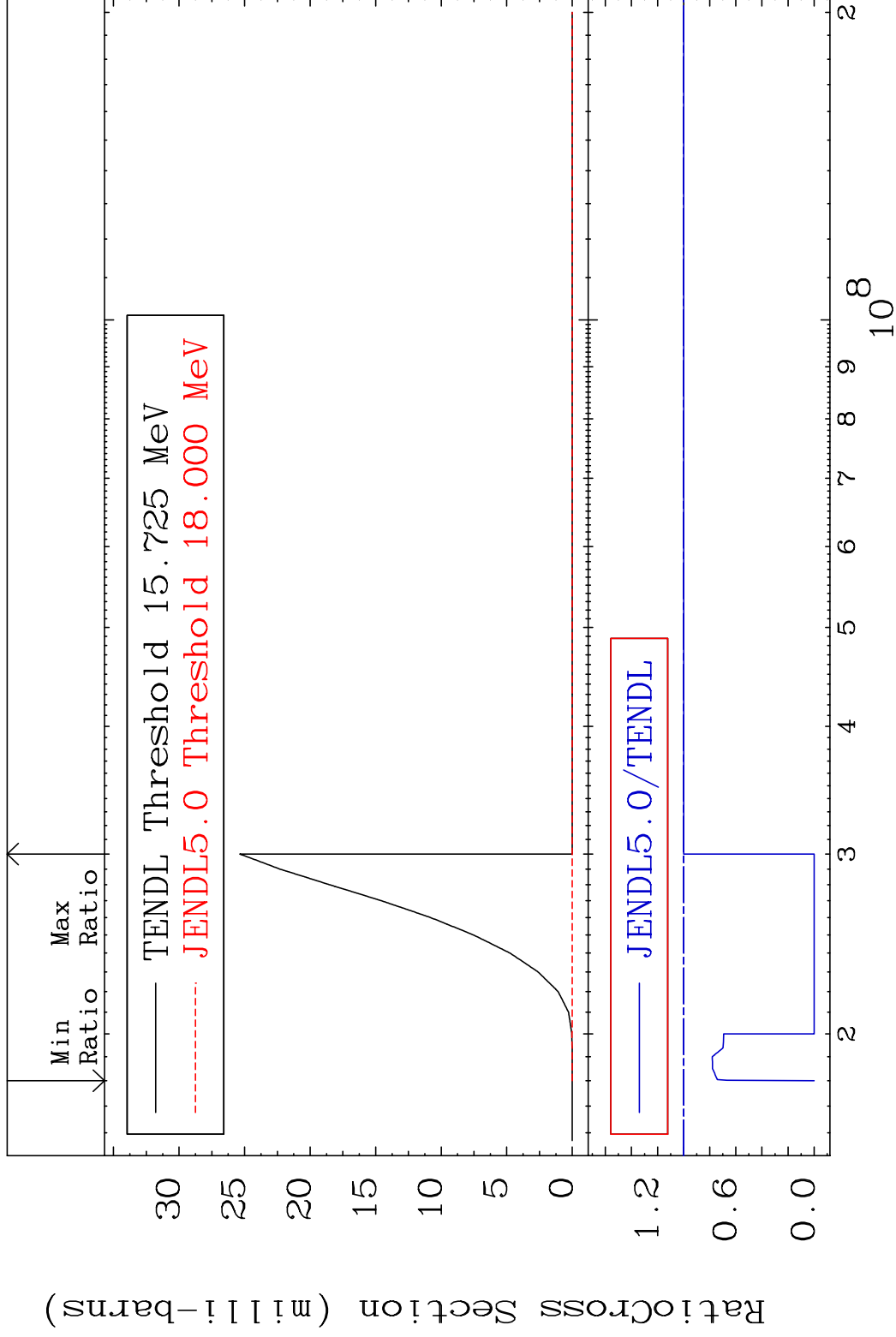
42-Mo-96

MAT 4237

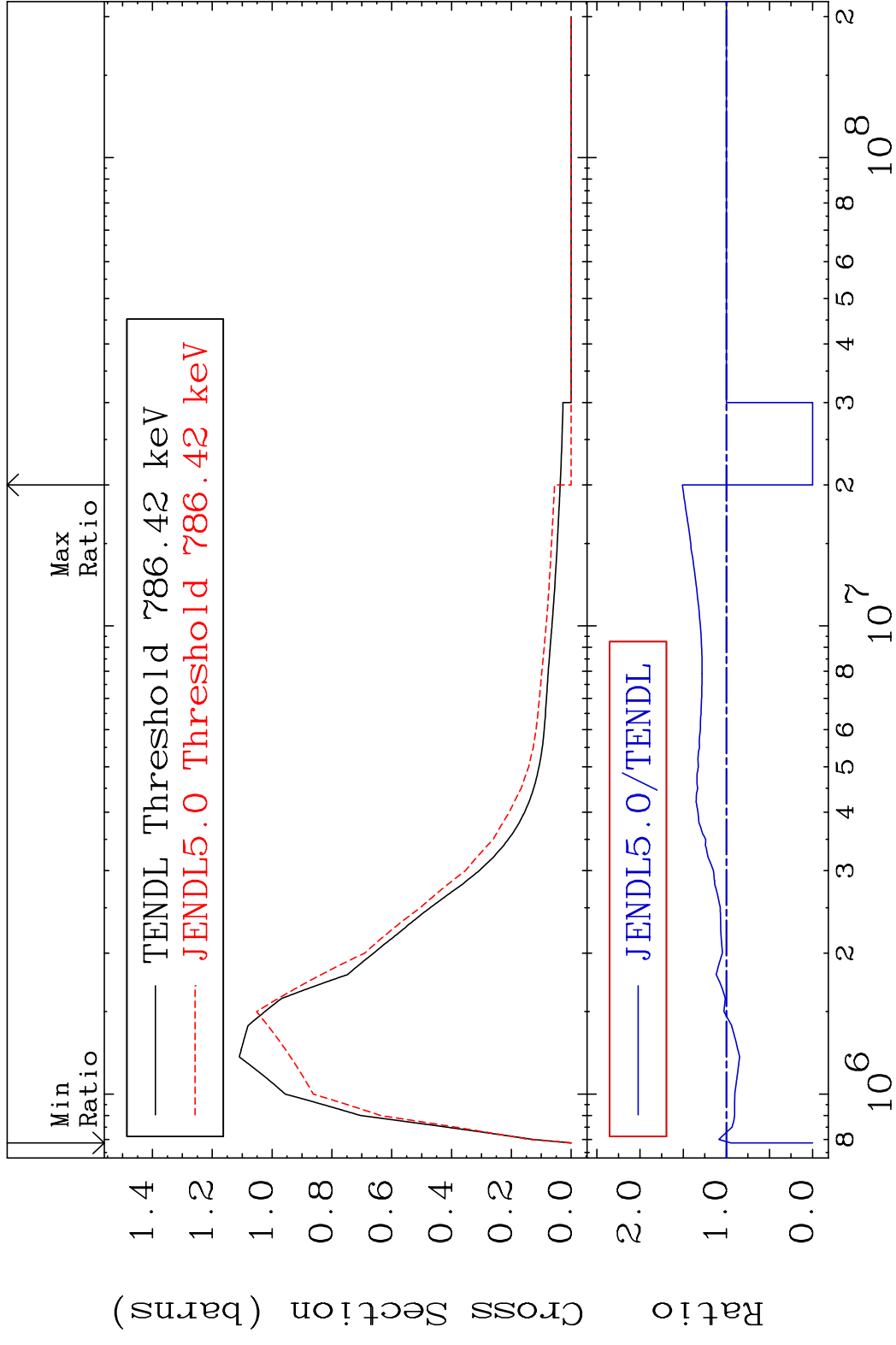
(n, n') d

42-Mo-96

Cross Section -100.0 To 0.000 %

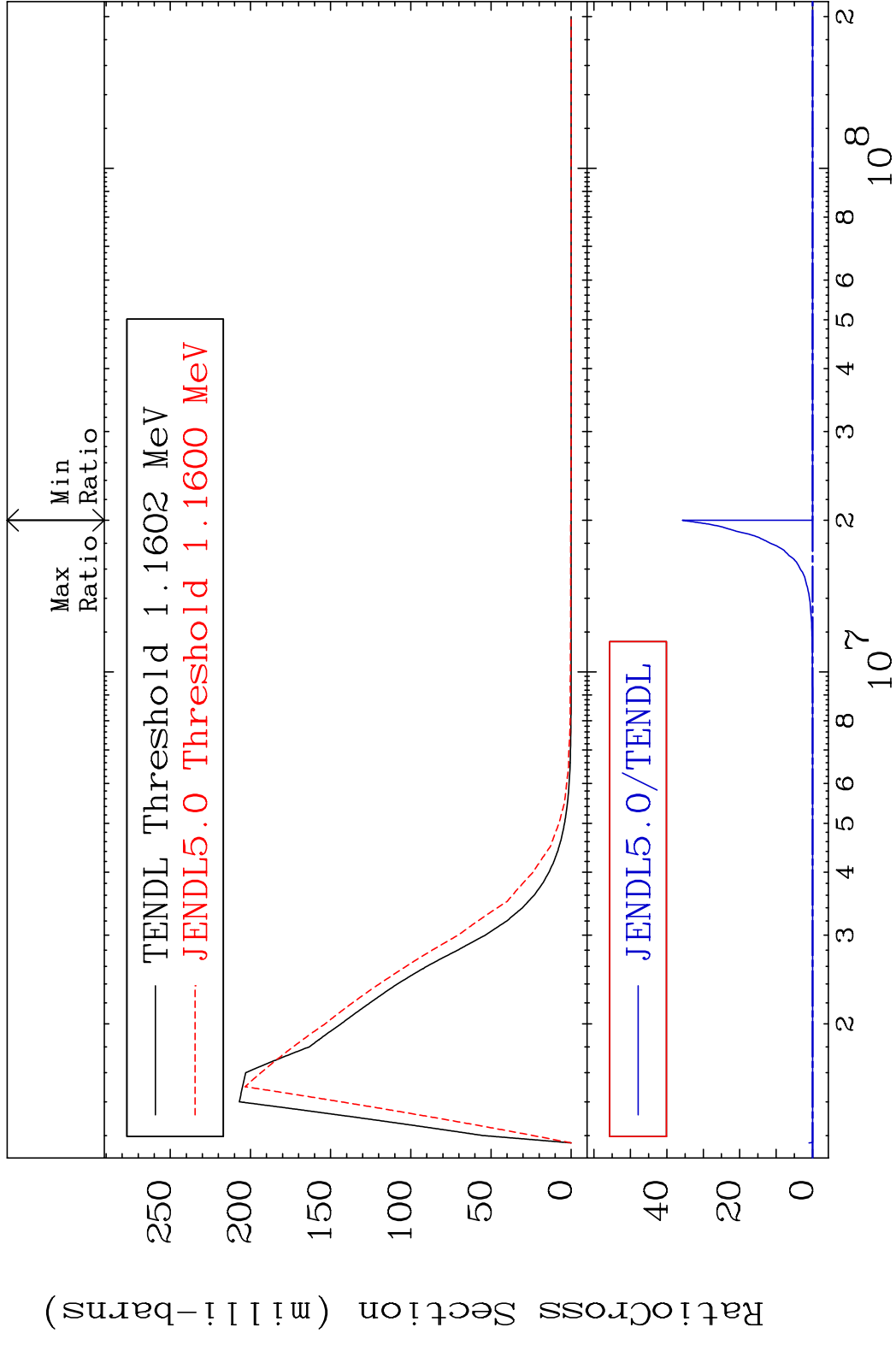


MAT 4237 MT= 51 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 50.98 %

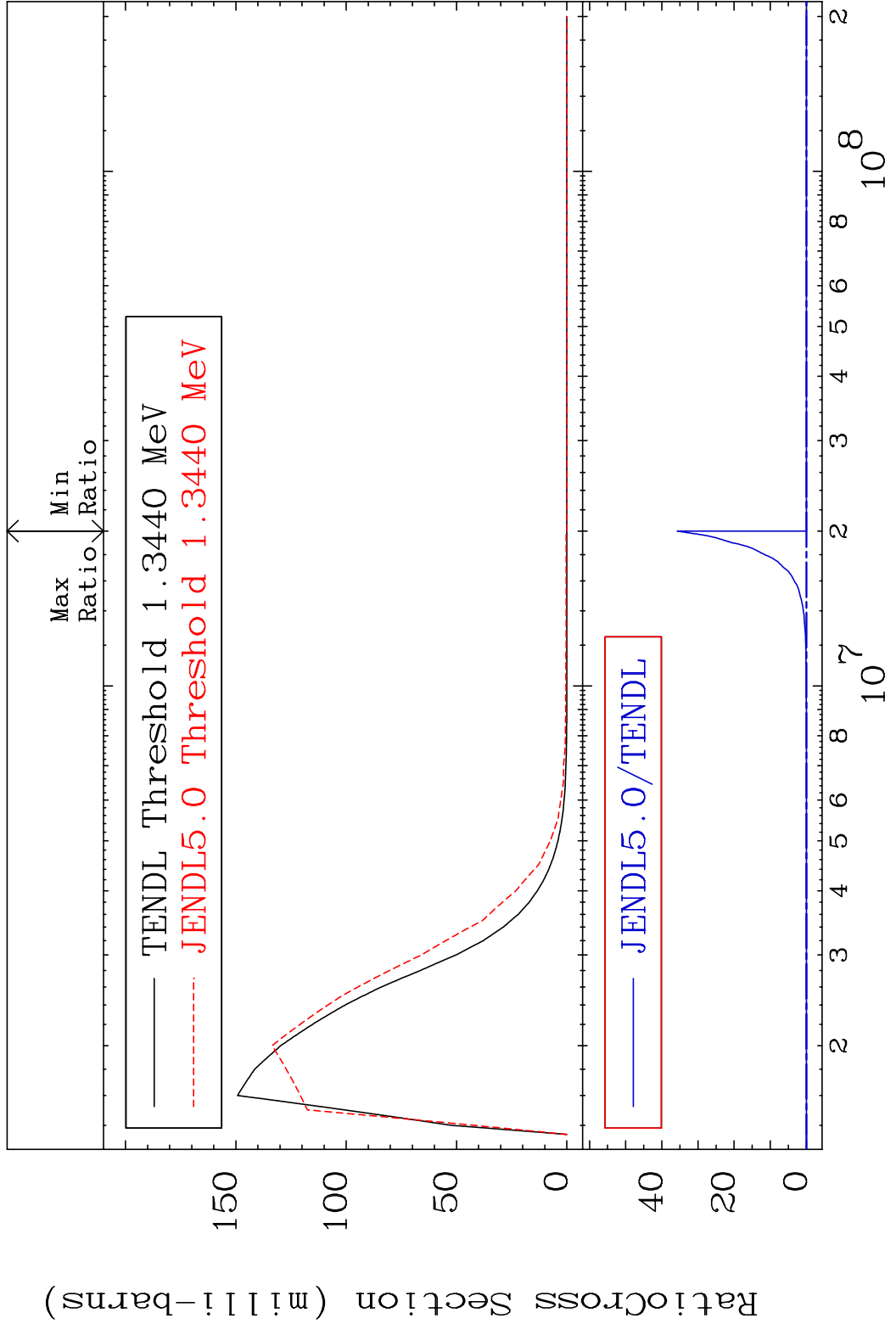


10 8 10<sup>6</sup> 2 3 4 5 6 8 10<sup>7</sup> 2 3 4 5 6 8 10<sup>8</sup> 2 42-Mo-96

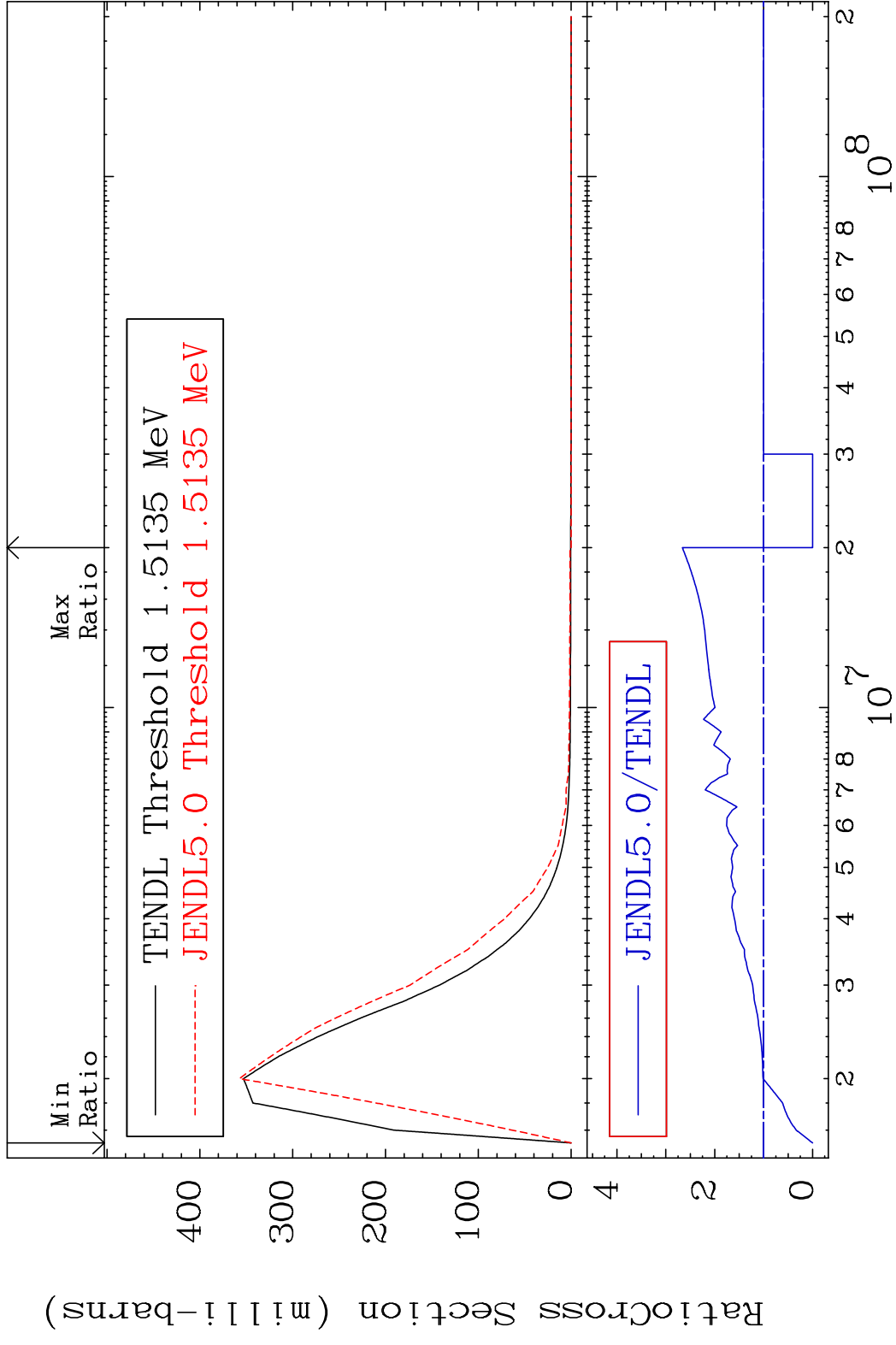
MAT 4237 MT= 52 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 9999. %



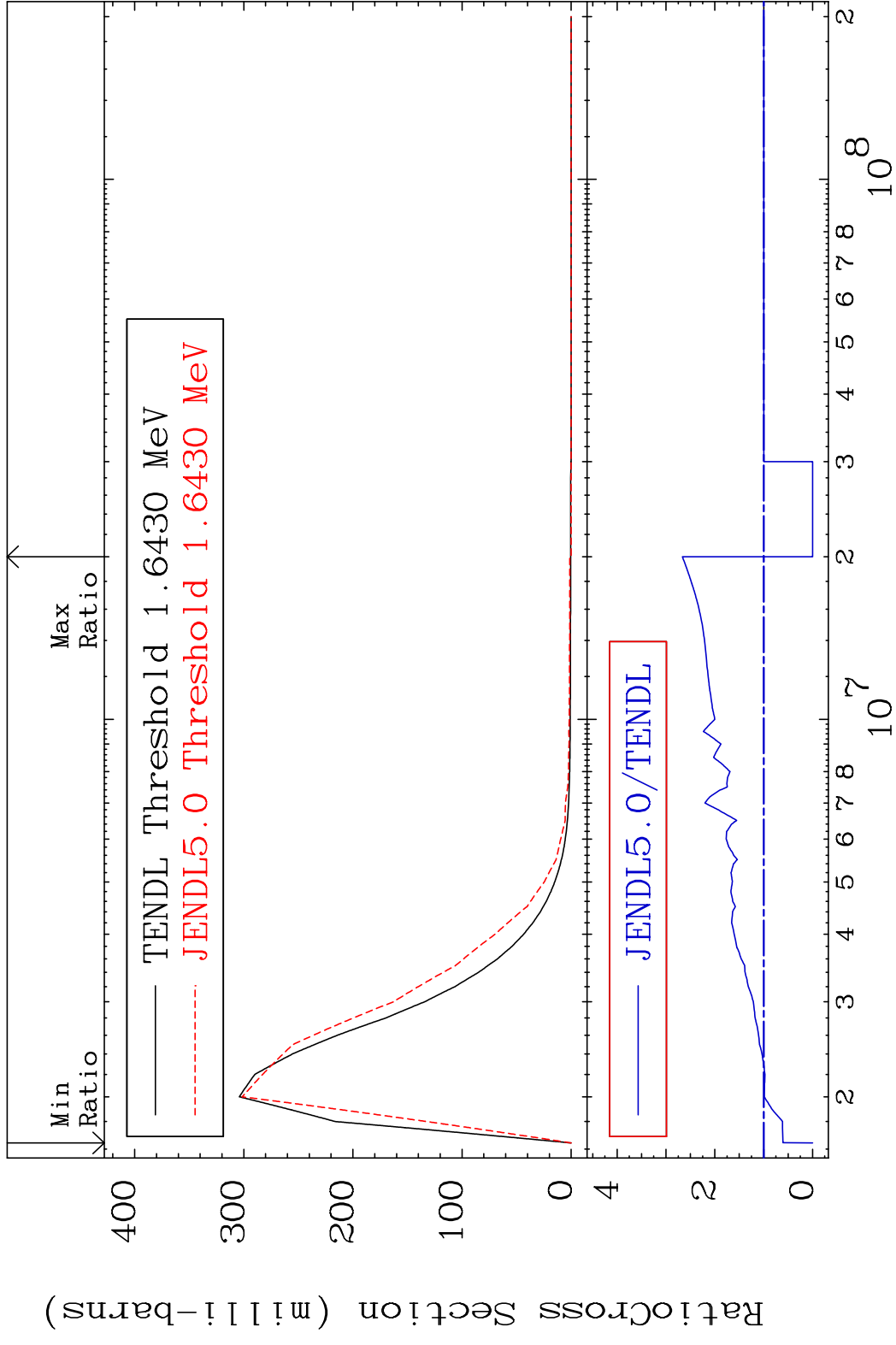
MAT 4237 MT= 53 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 9999. %



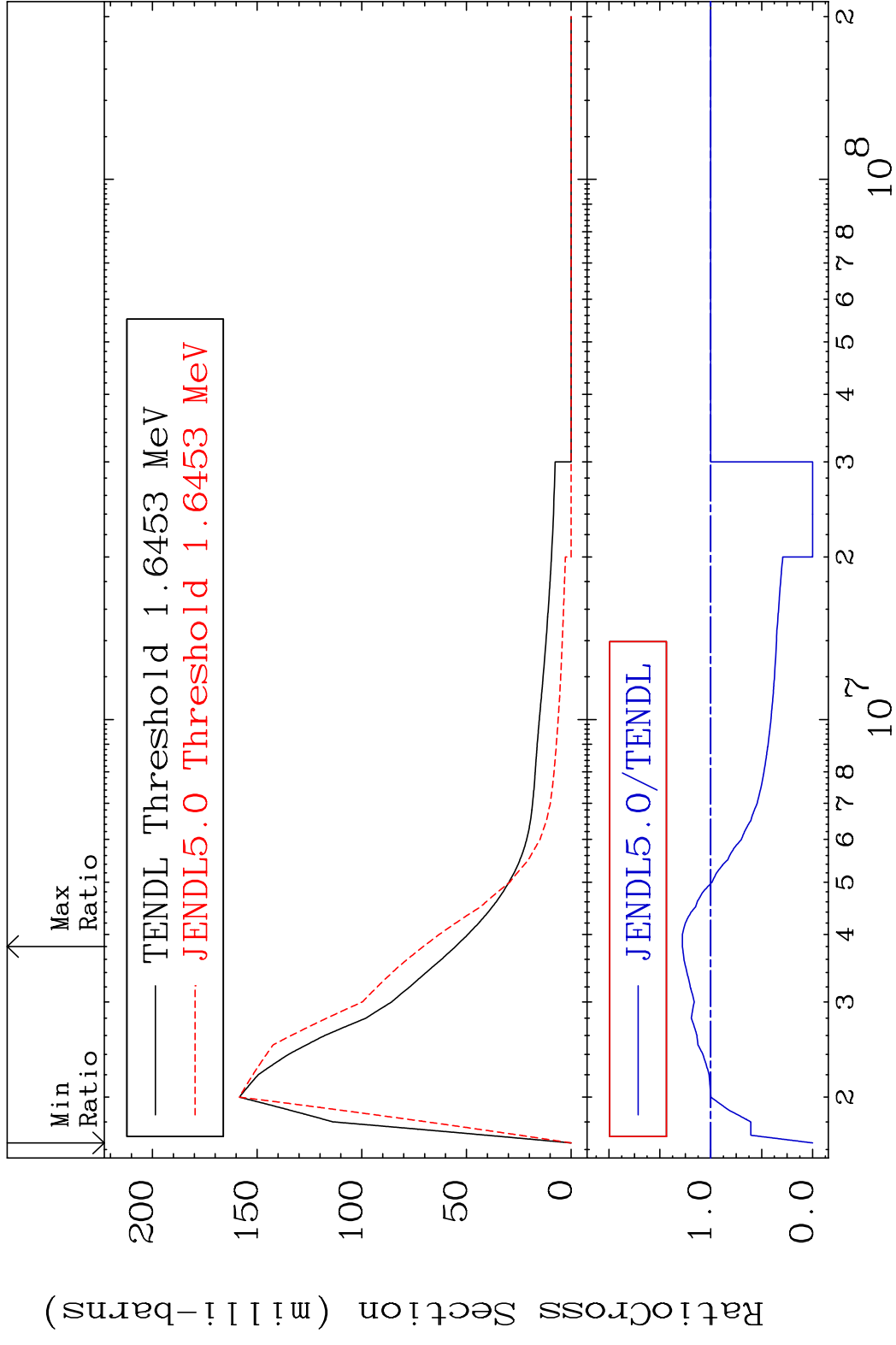
MAT 4237 MT= 54 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 166.2 %



MAT 4237 MT= 55 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 166.5 %

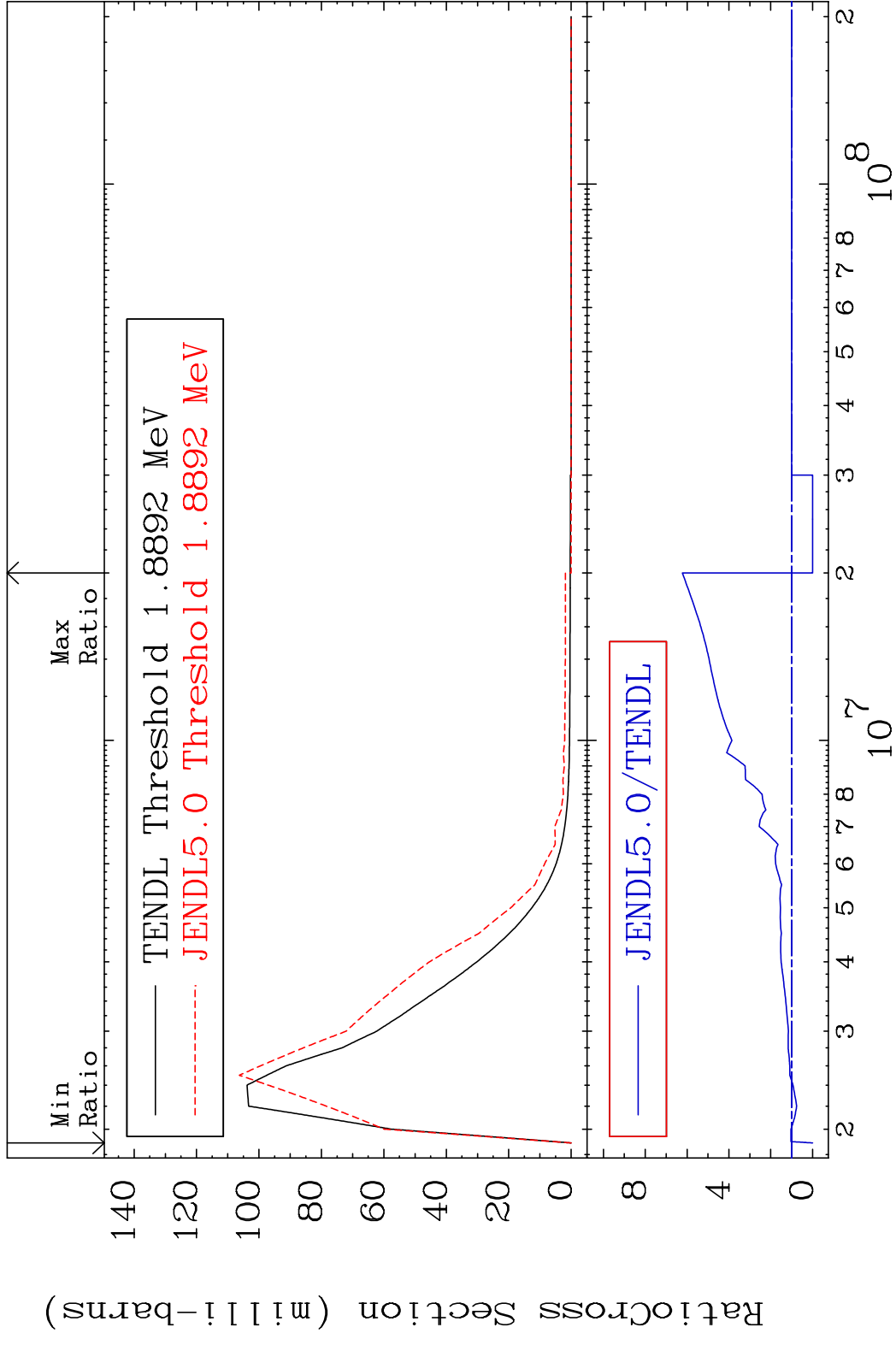


MAT 4237 MT= 56 (n,n') Level 42-Mo-96  
 Cross Section -100.0 To 27.92 %

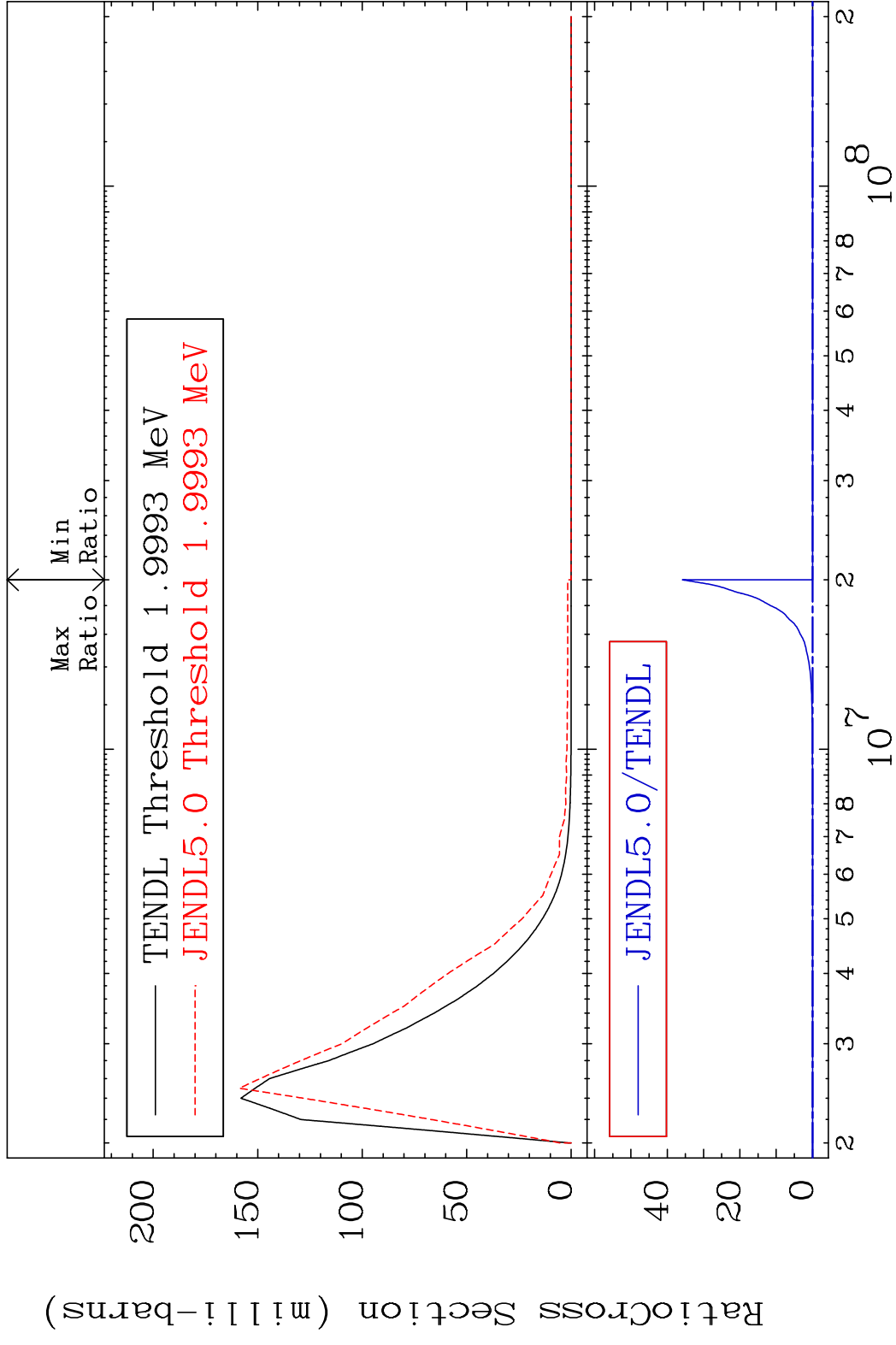




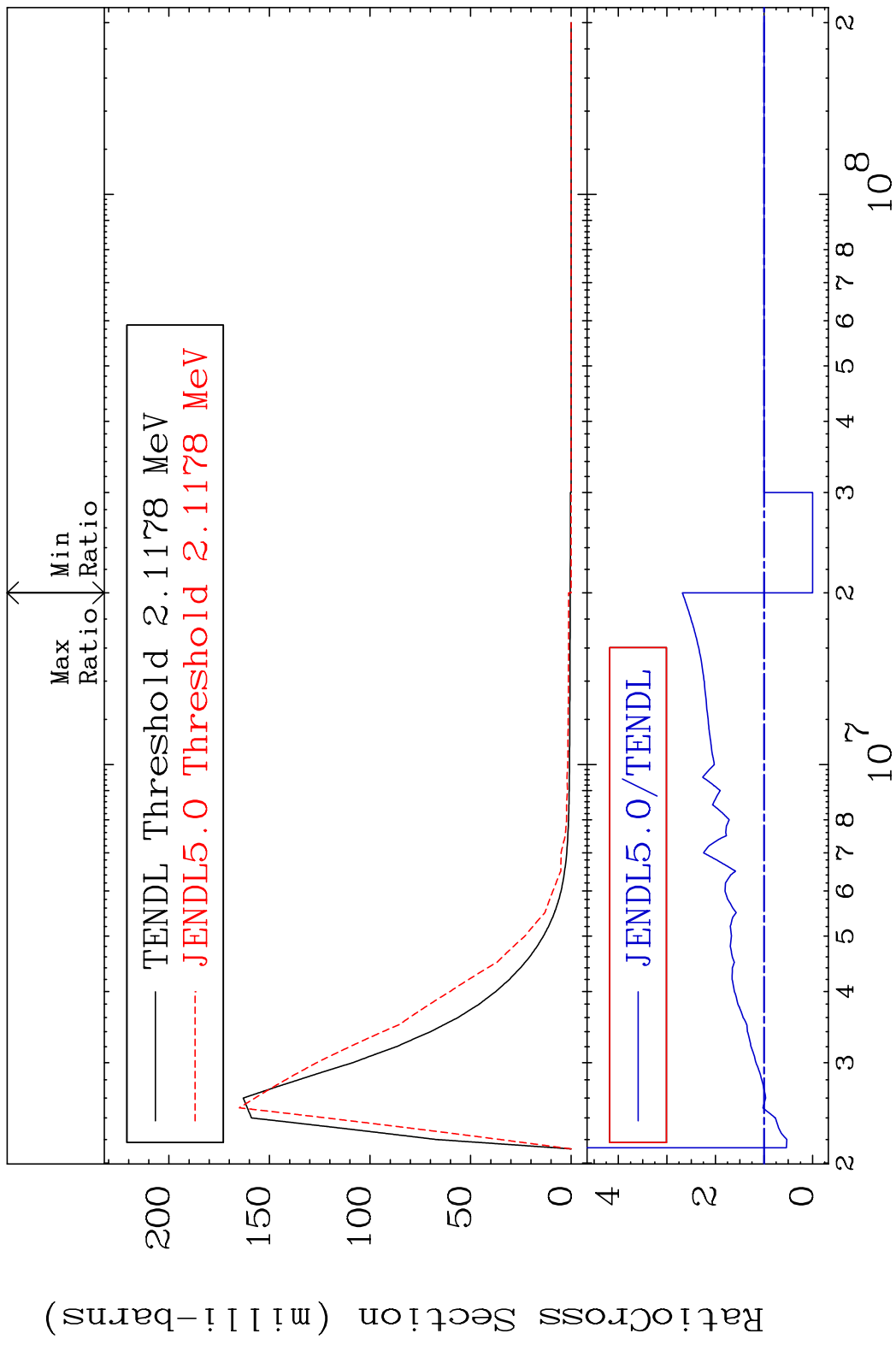
MAT 4237 MT= 57 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 522.6 %



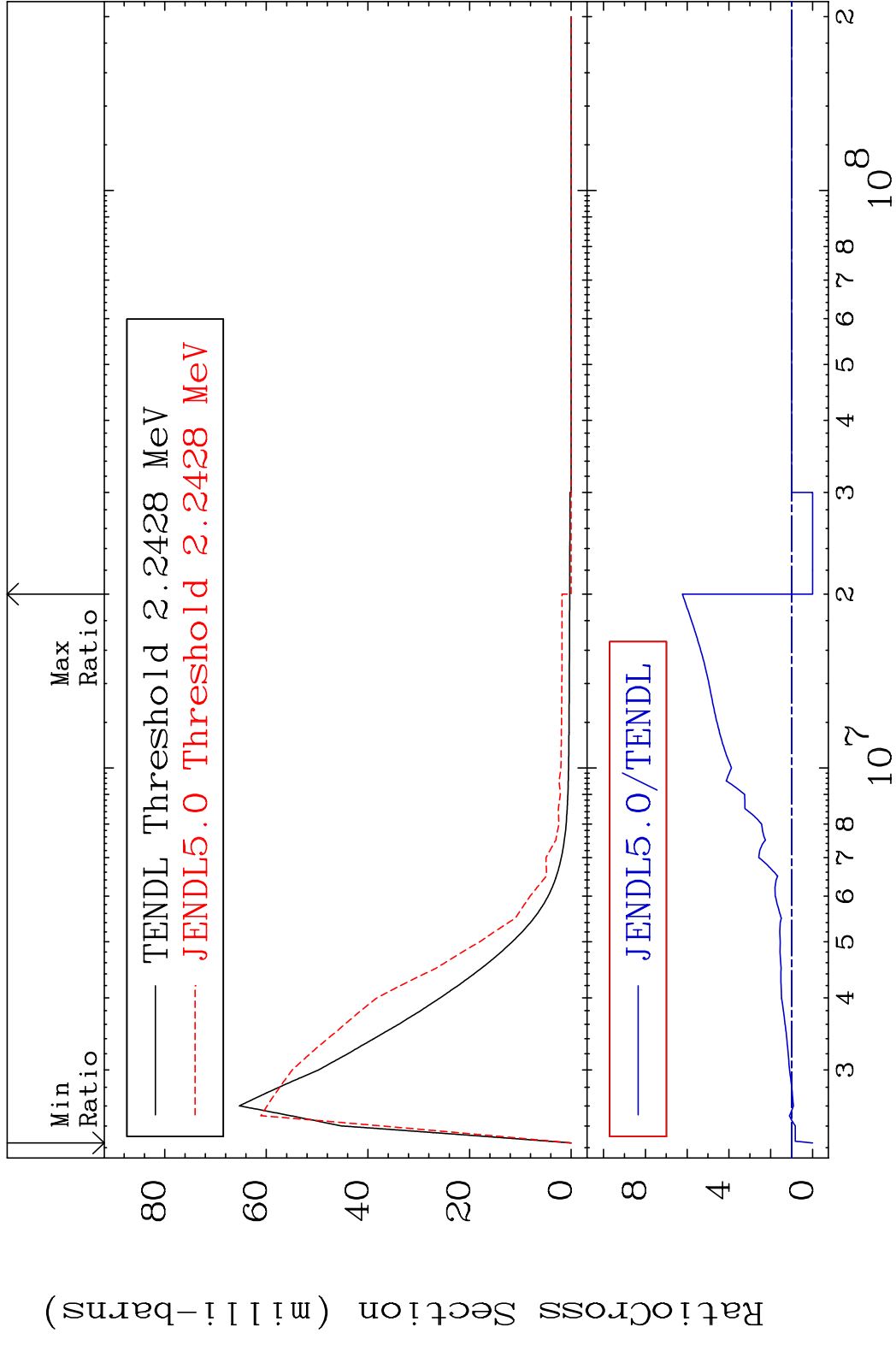
MAT 4237 MT= 58 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 9999. %



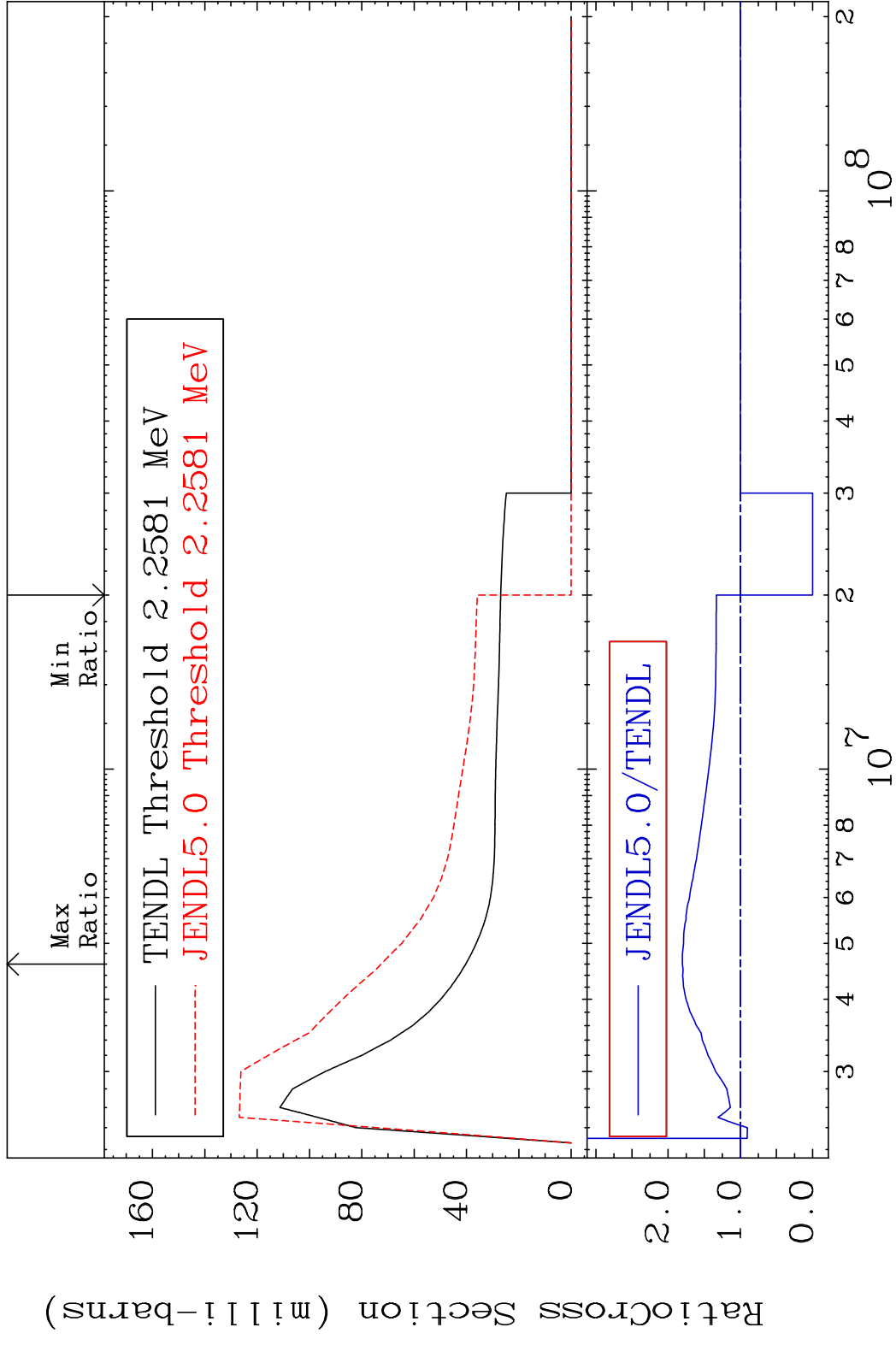
MAT 4237 MT= 59 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 168.2 %



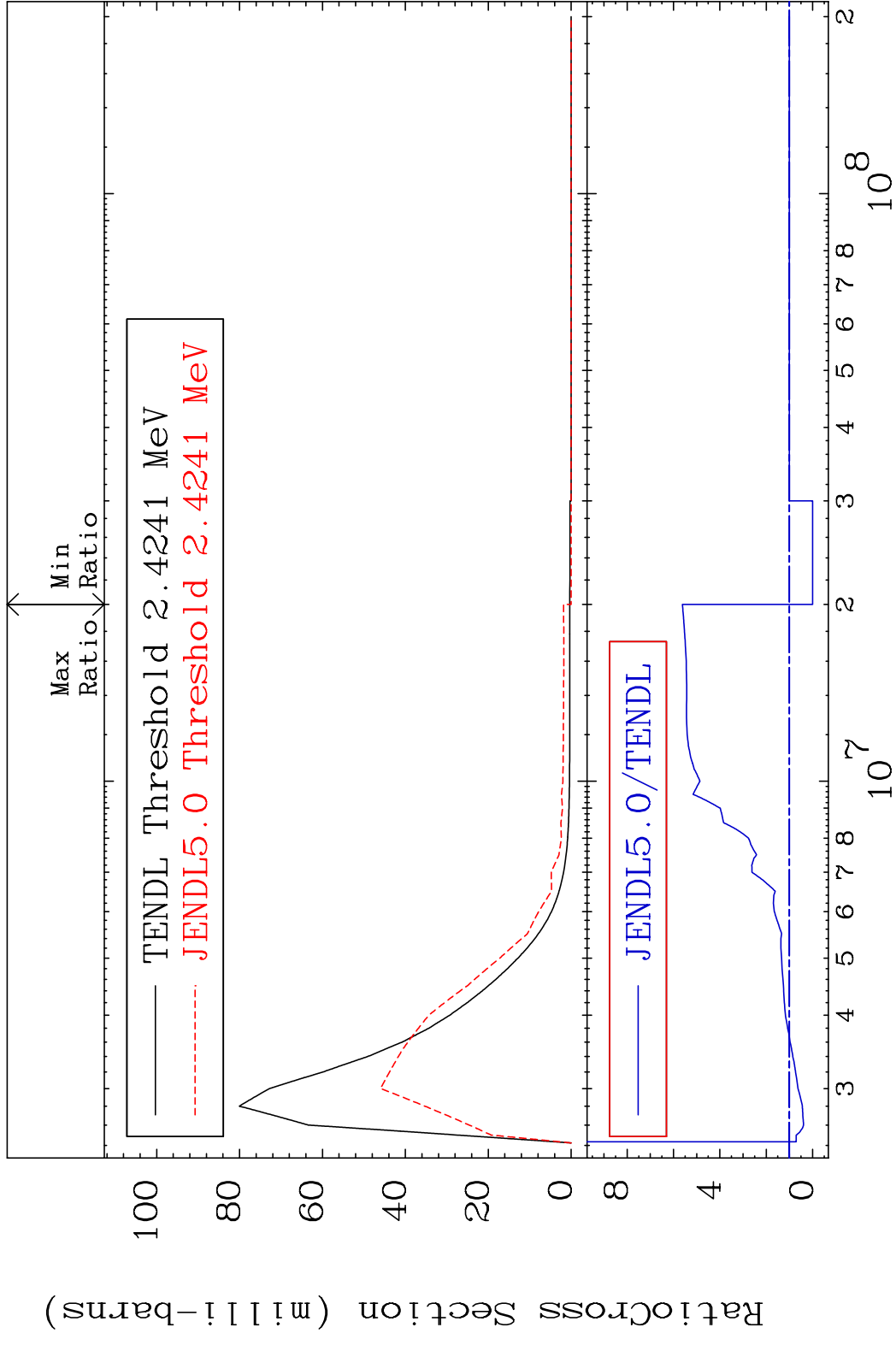
MAT 4237 MT= 60 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 522.9 %



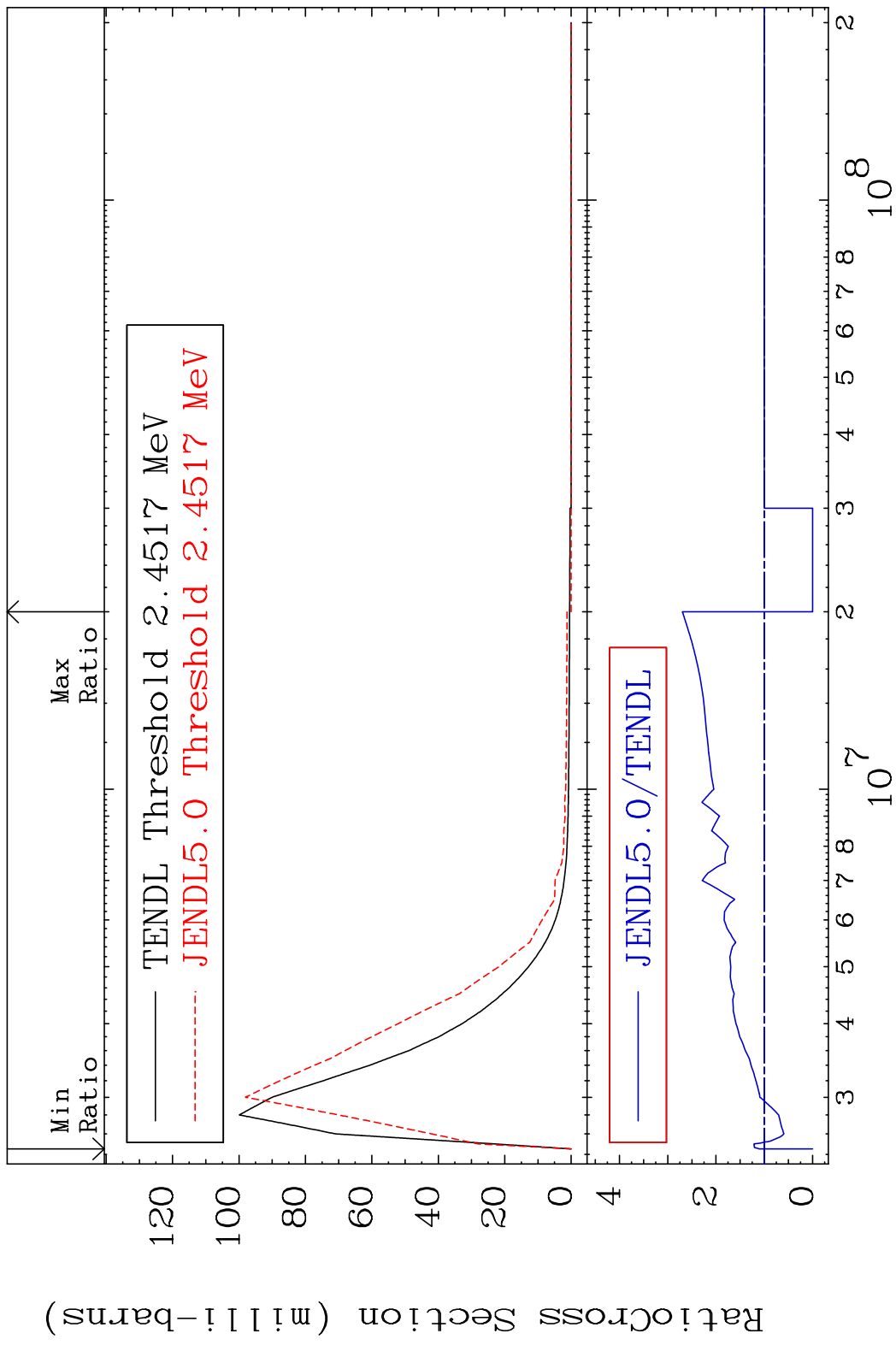
MAT 4237 MT= 61 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 80.29 %



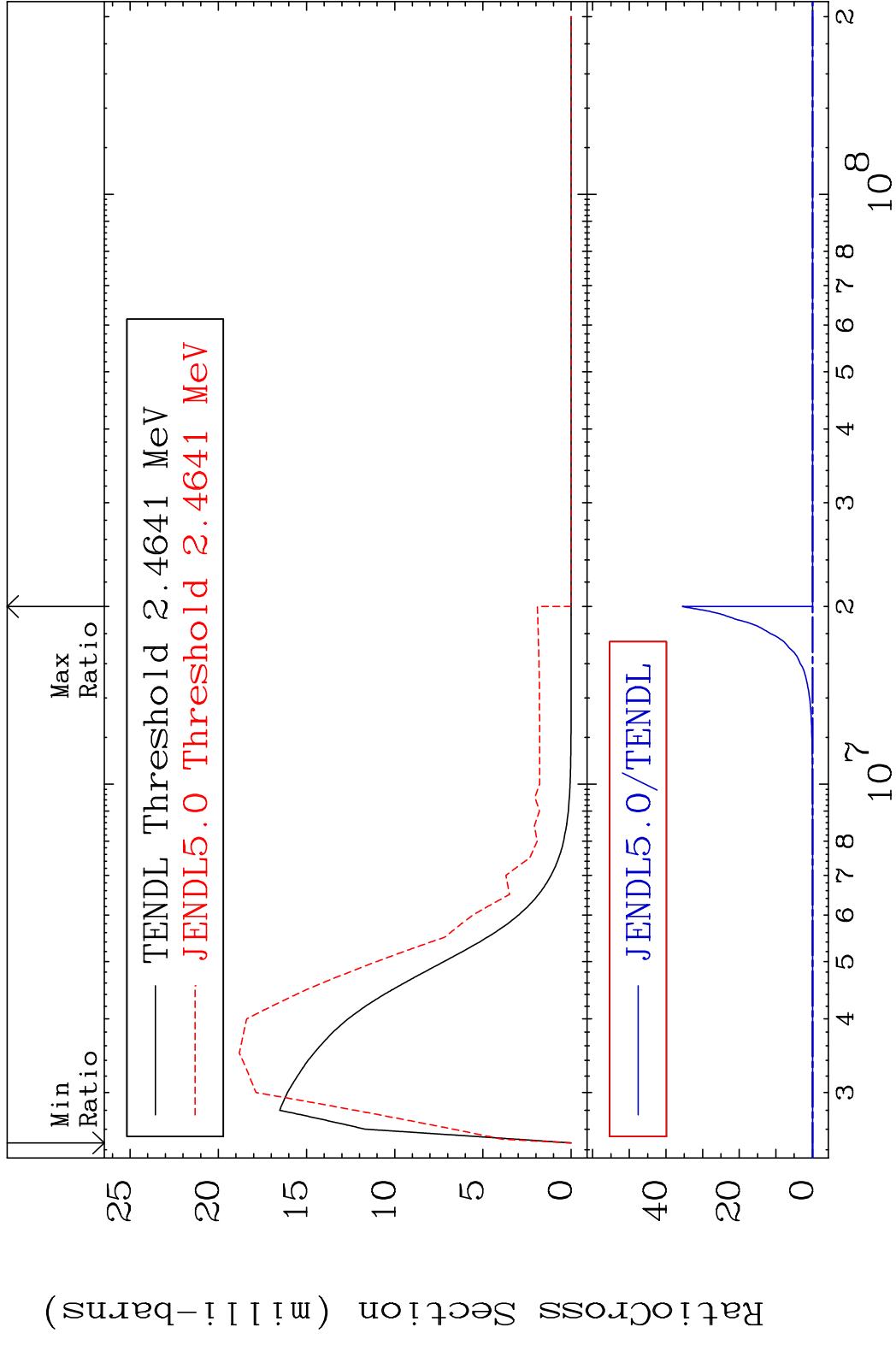
MAT 4237 MT= 62 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 461.8 %



MAT 4237 MT= 63 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 169.8 %

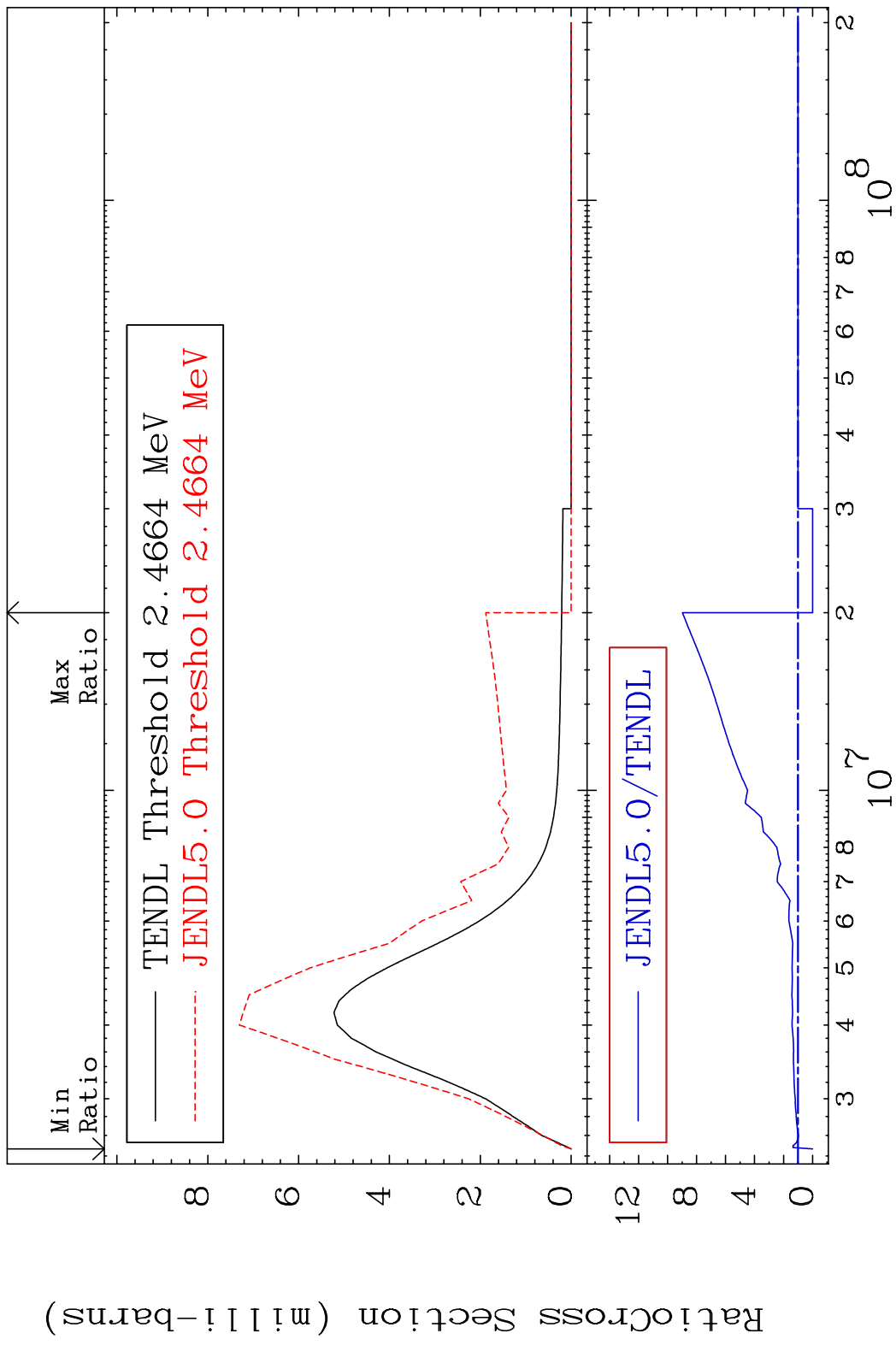


MAT 4237 MT= 64 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 9999. %

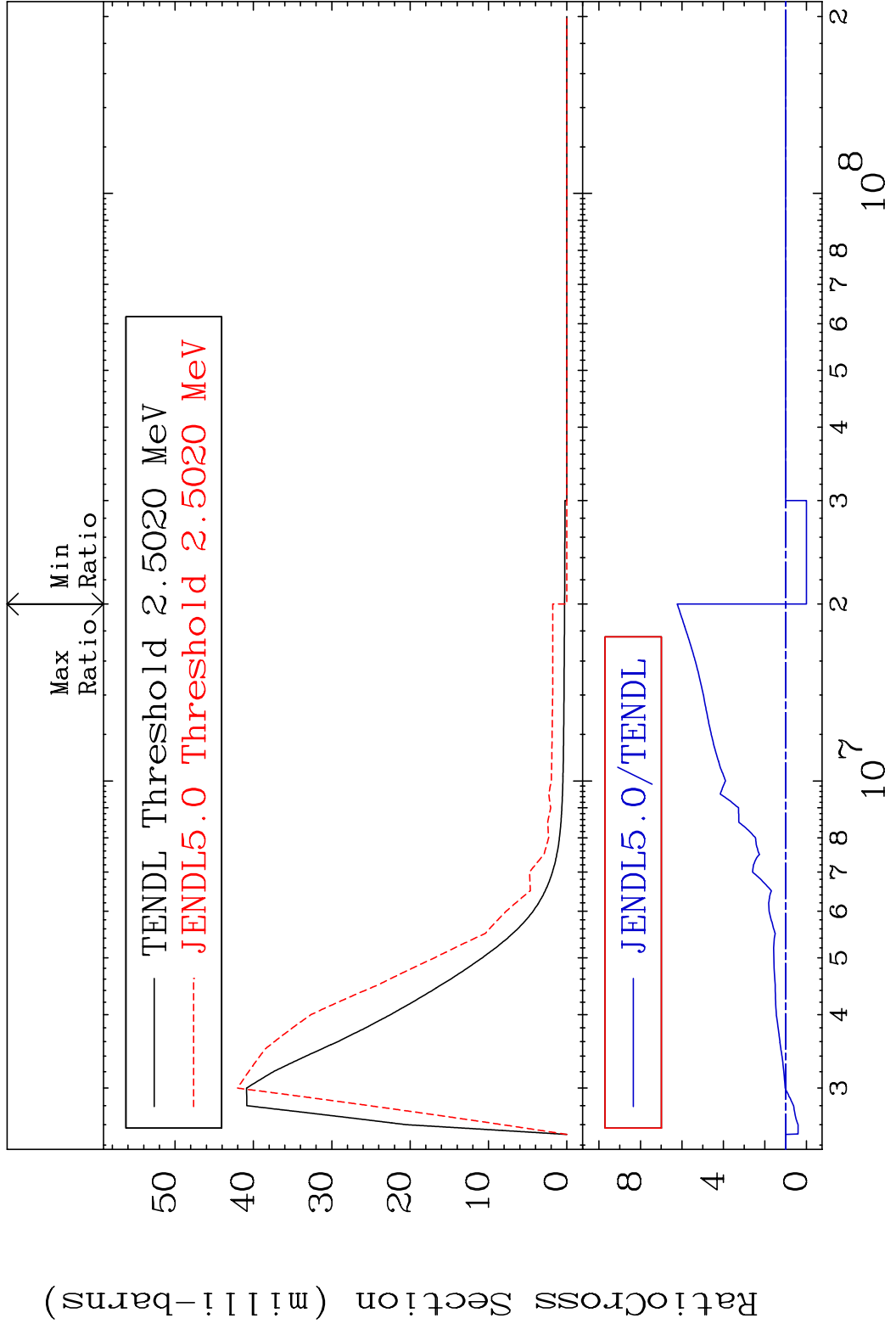




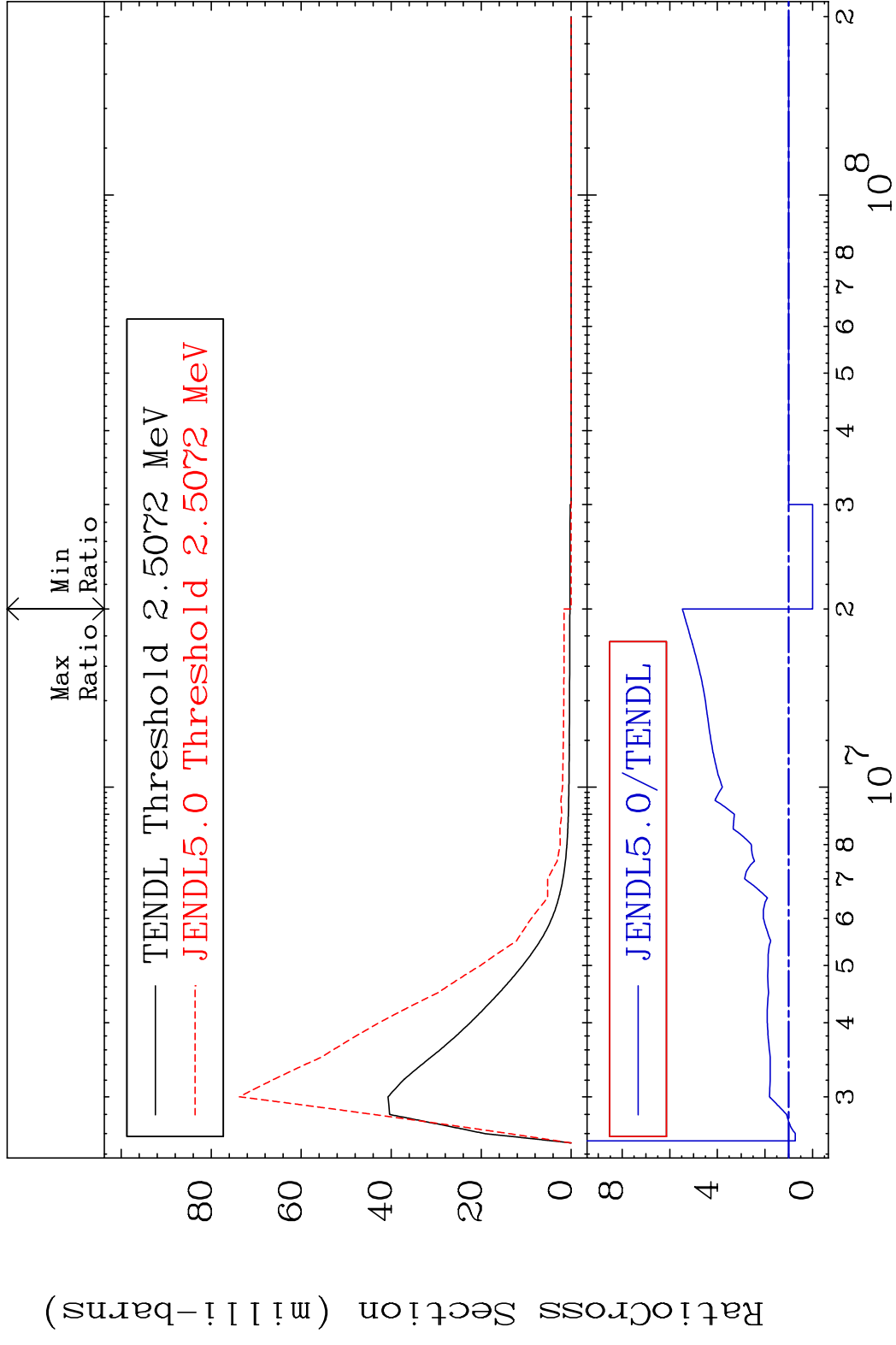
MAT 4237 MT= 65 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 798.0 %



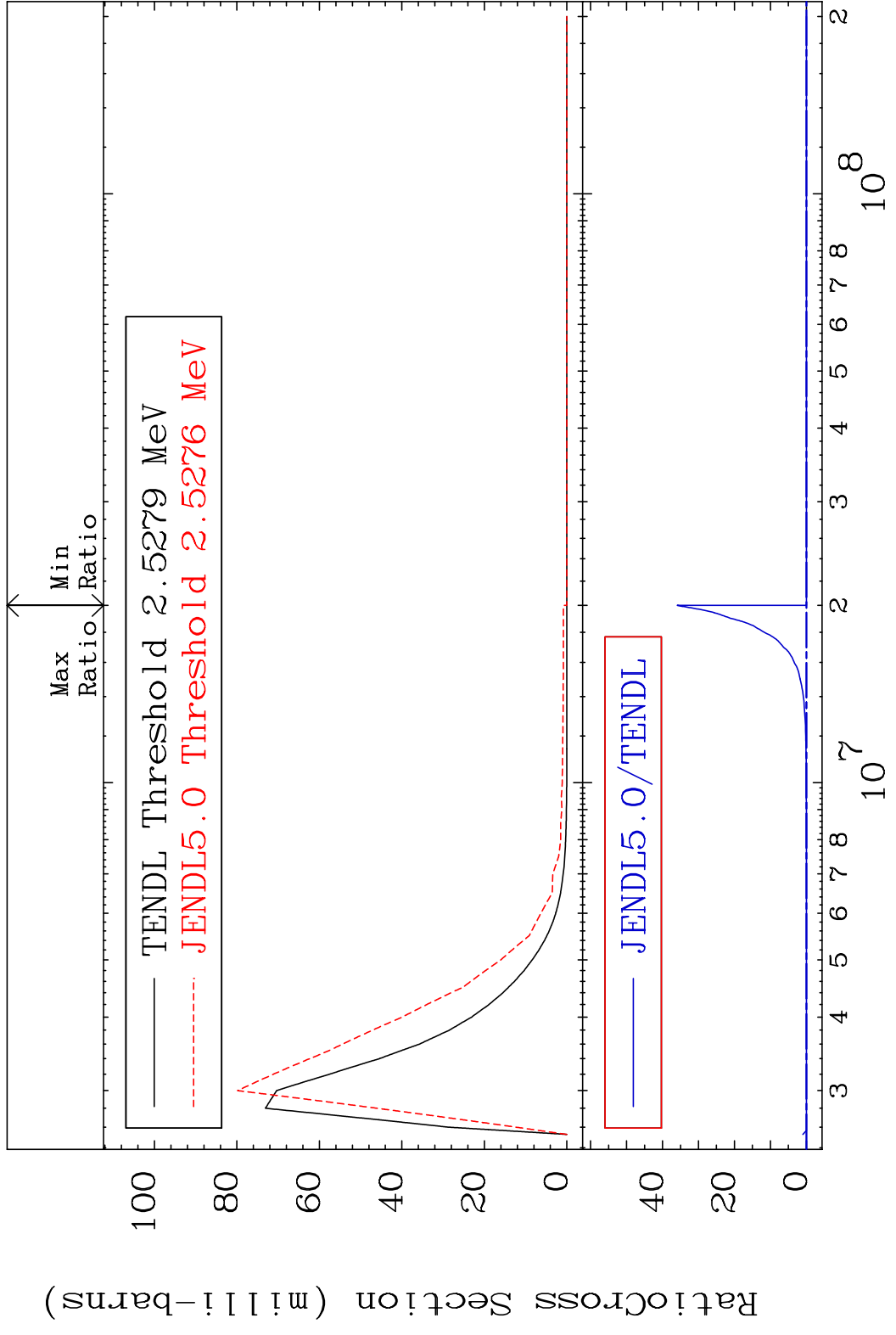
MAT 4237 MT= 66 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 523.0 %



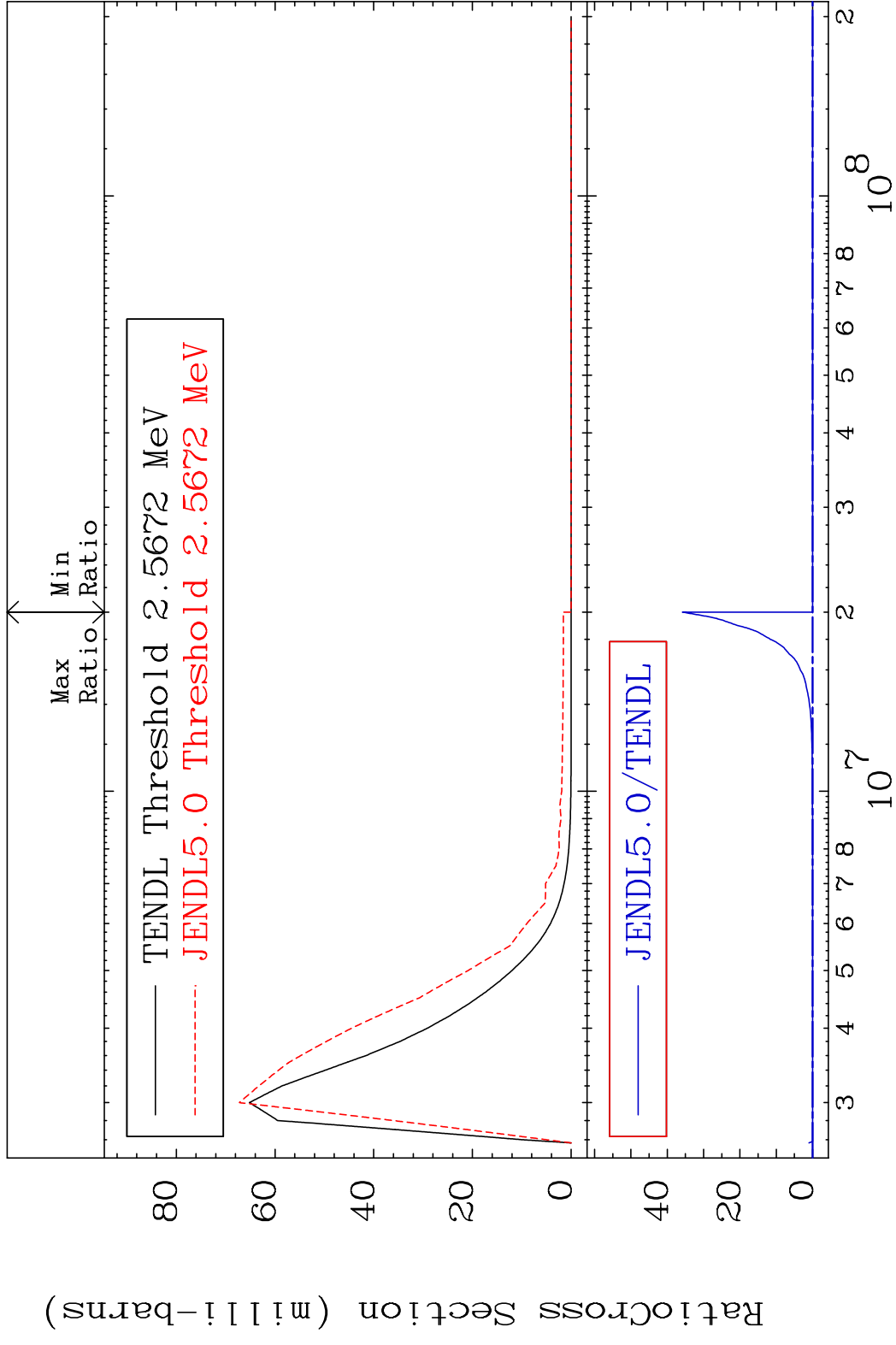
MAT 4237 MT= 67 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 447.0 %



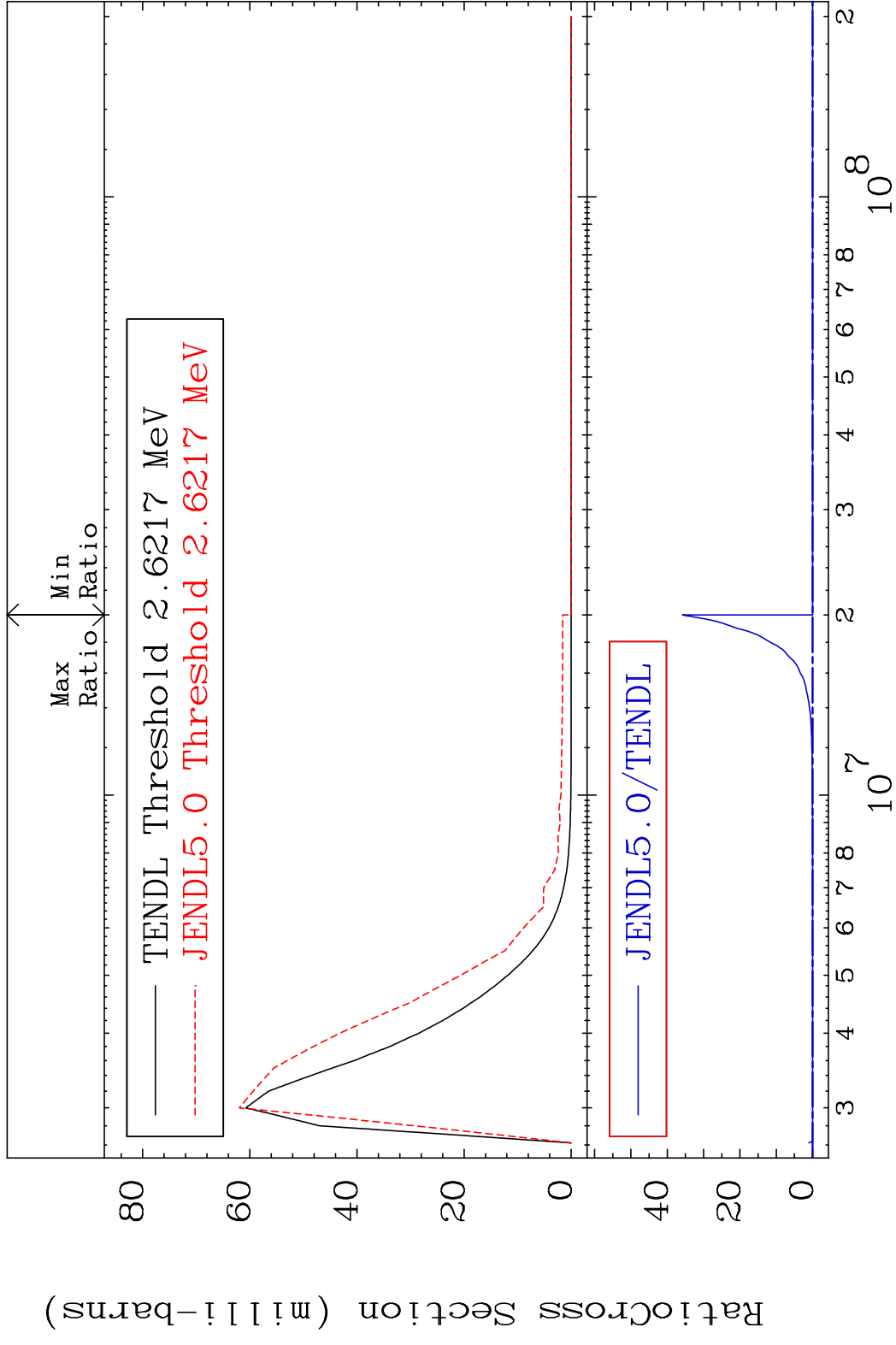
MAT 4237 MT= 68 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 9999. %



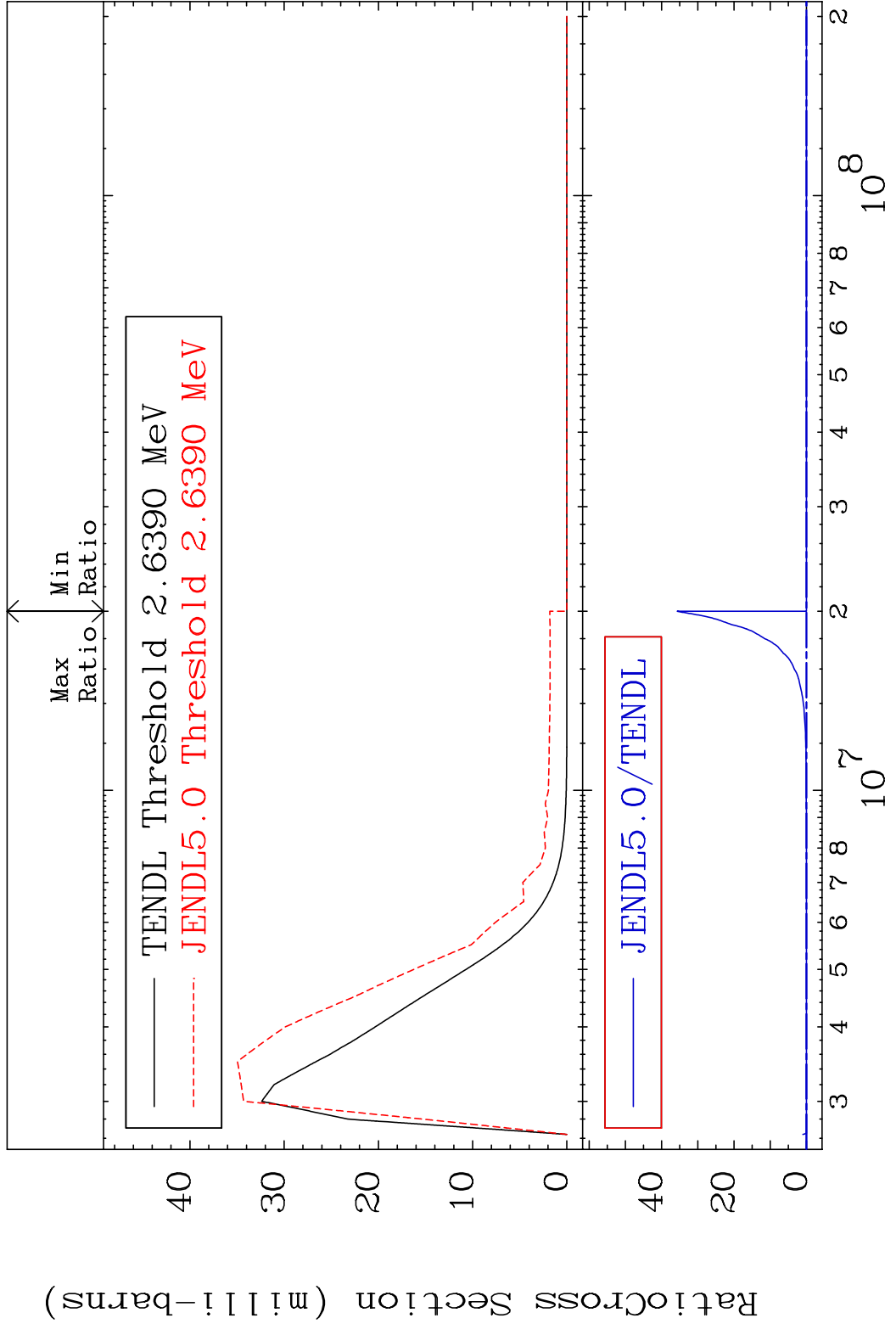
MAT 4237 MT= 69 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 9999. %



MAT 4237 MT= 70 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 9999. %

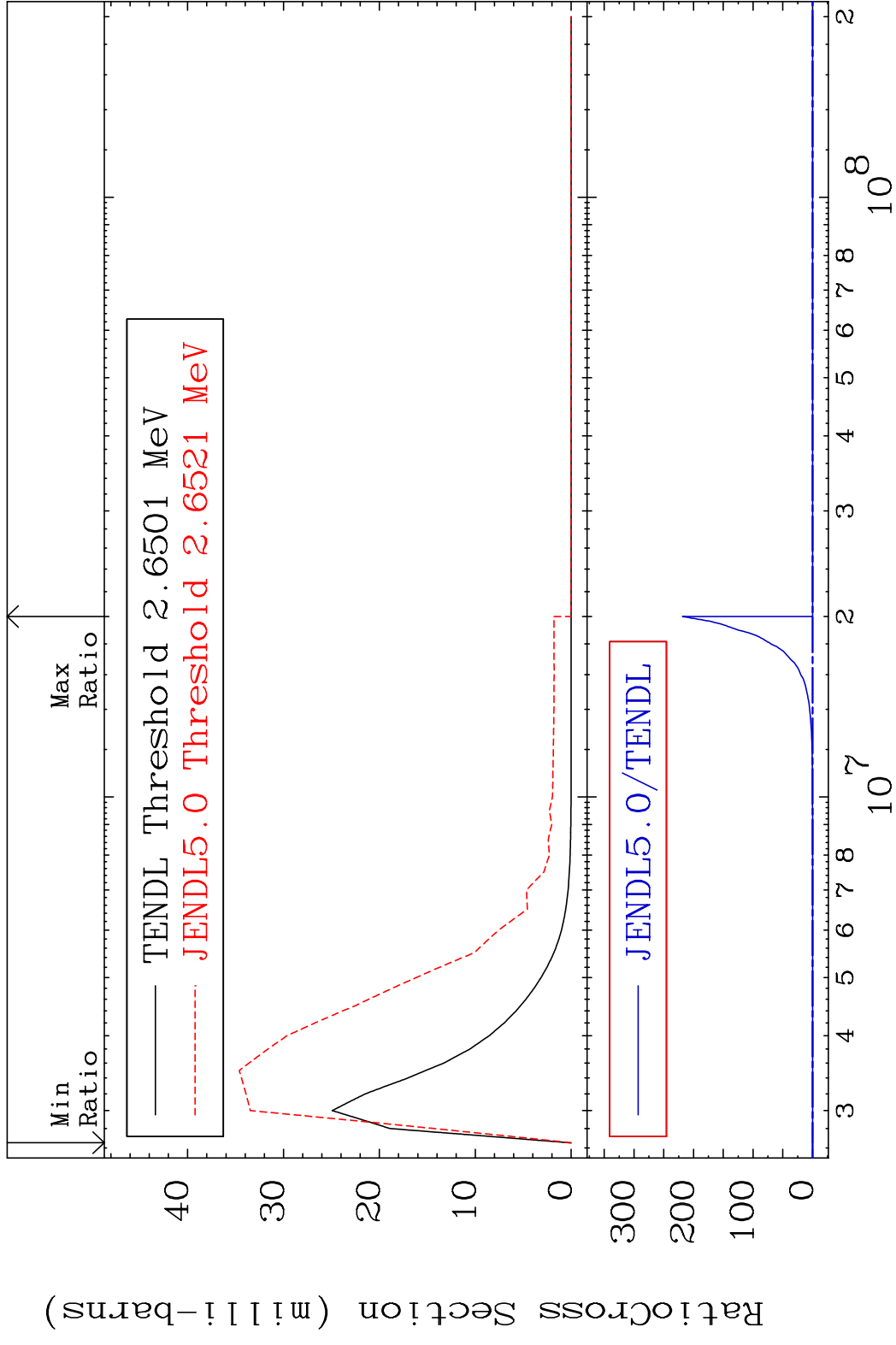


MAT 4237 MT= 71 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 9999. %



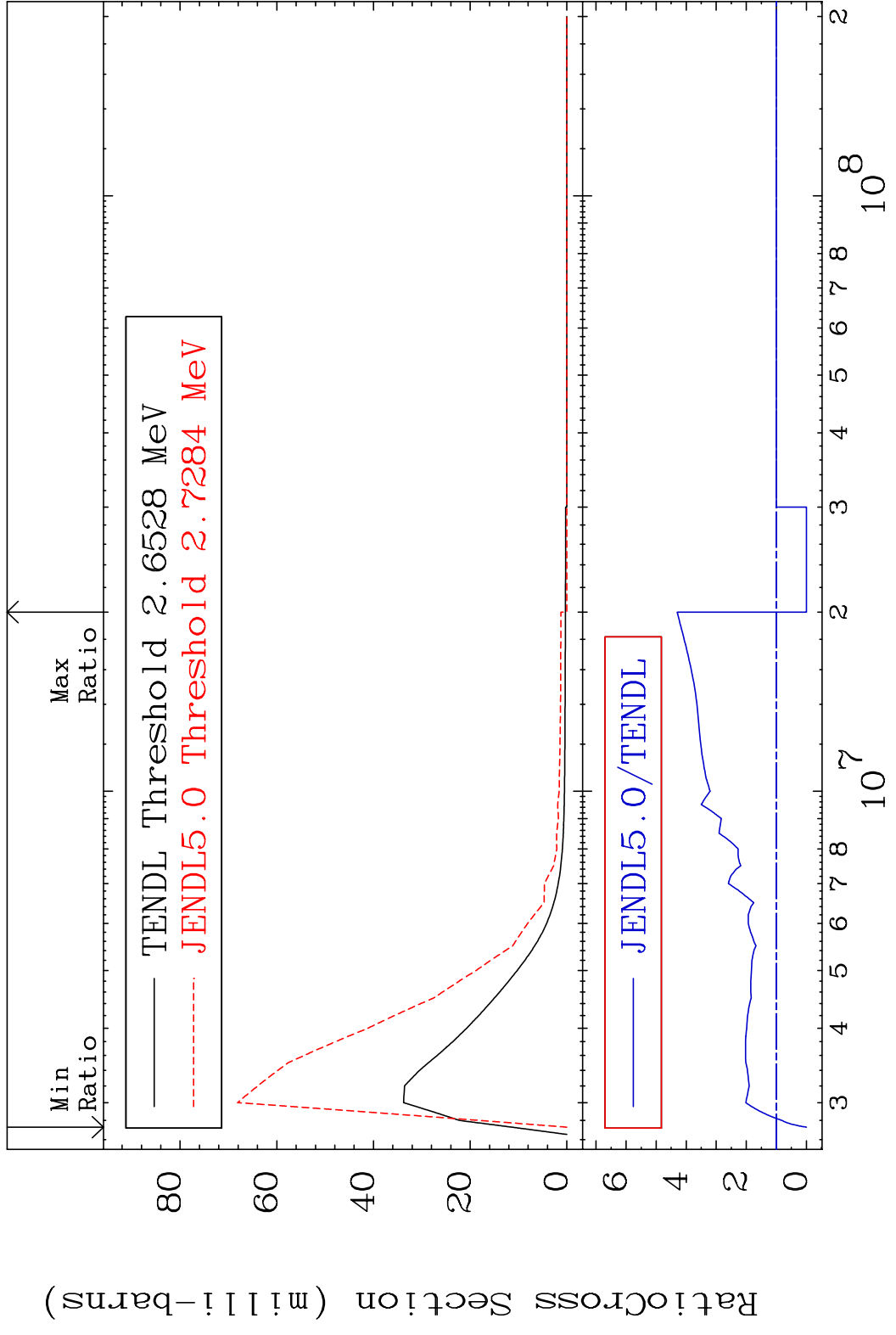
30 42-Mo-96

MAT 4237 MT= 72 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 9999. %

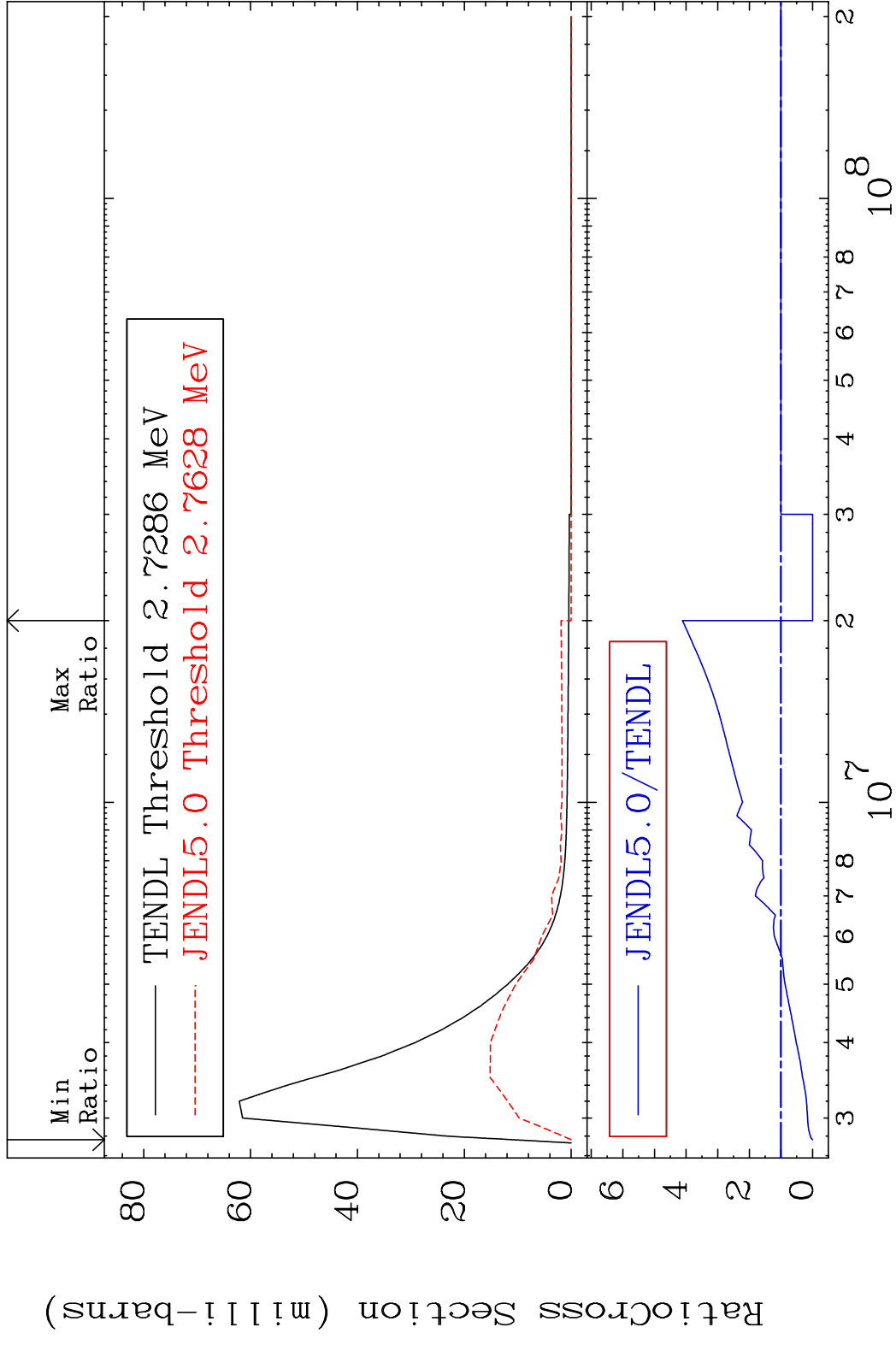




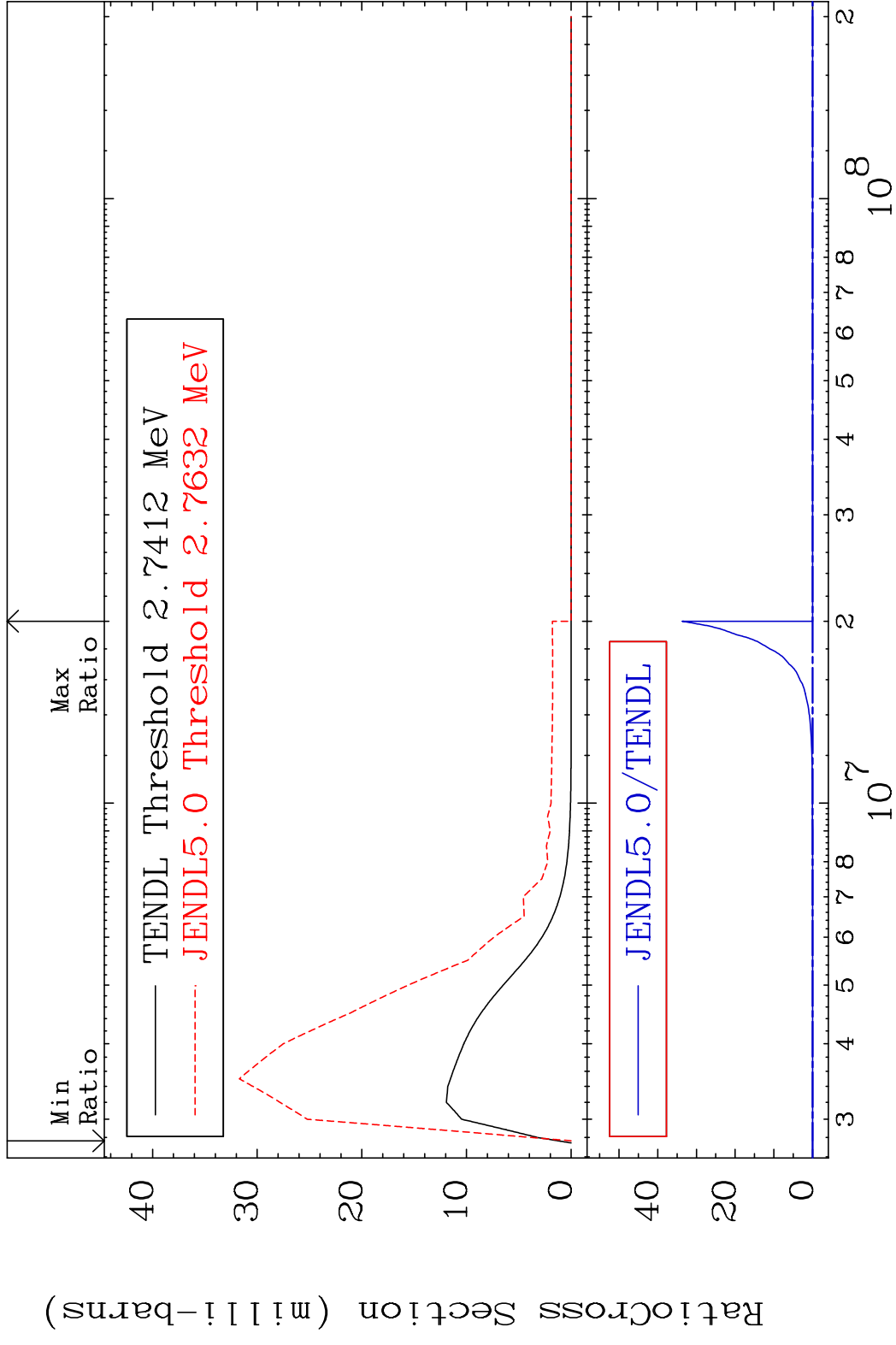
MAT 4237 MT= 73 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 330.0 %



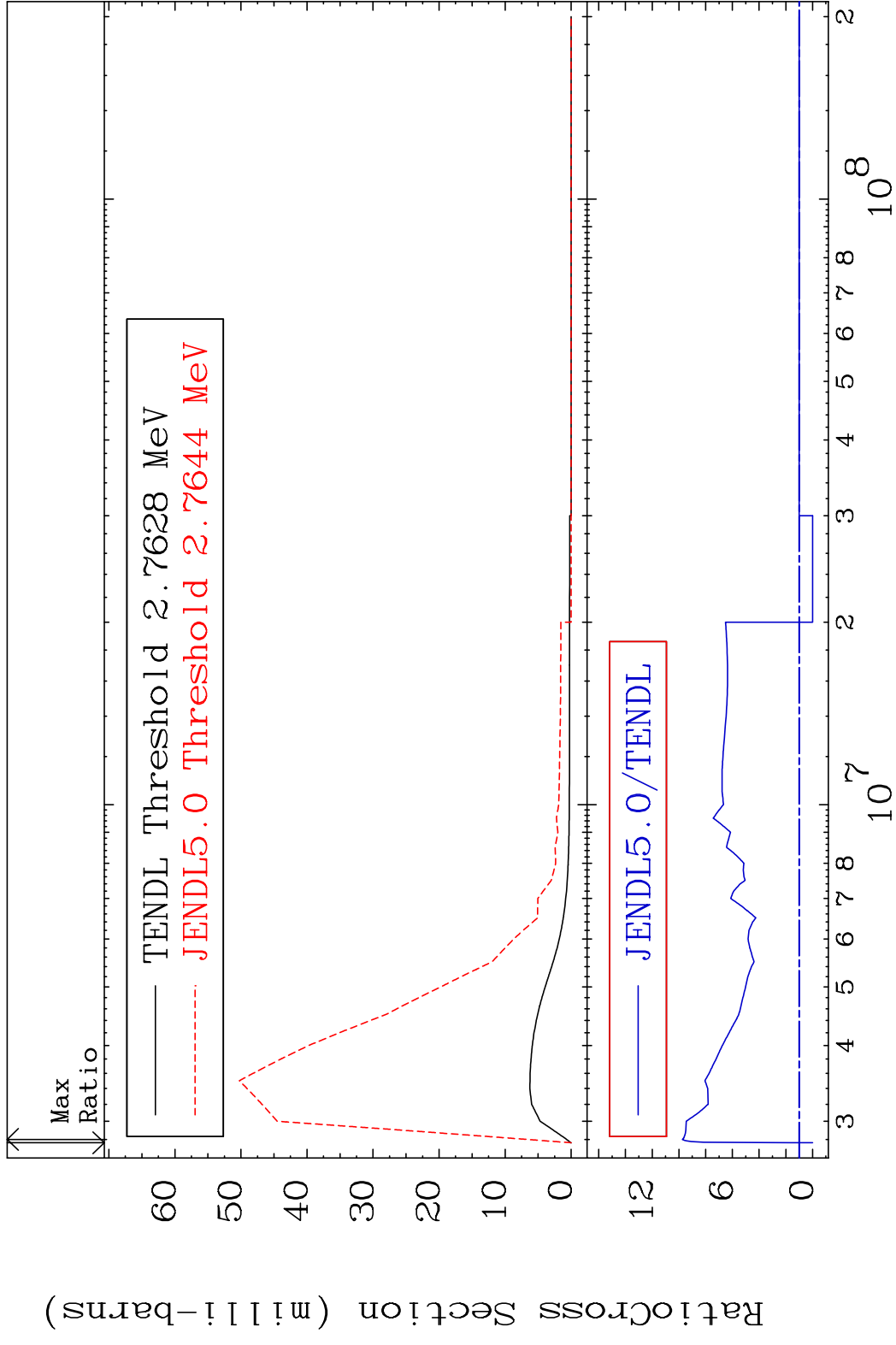
MAT 4237 MT= 74 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 311.9 %



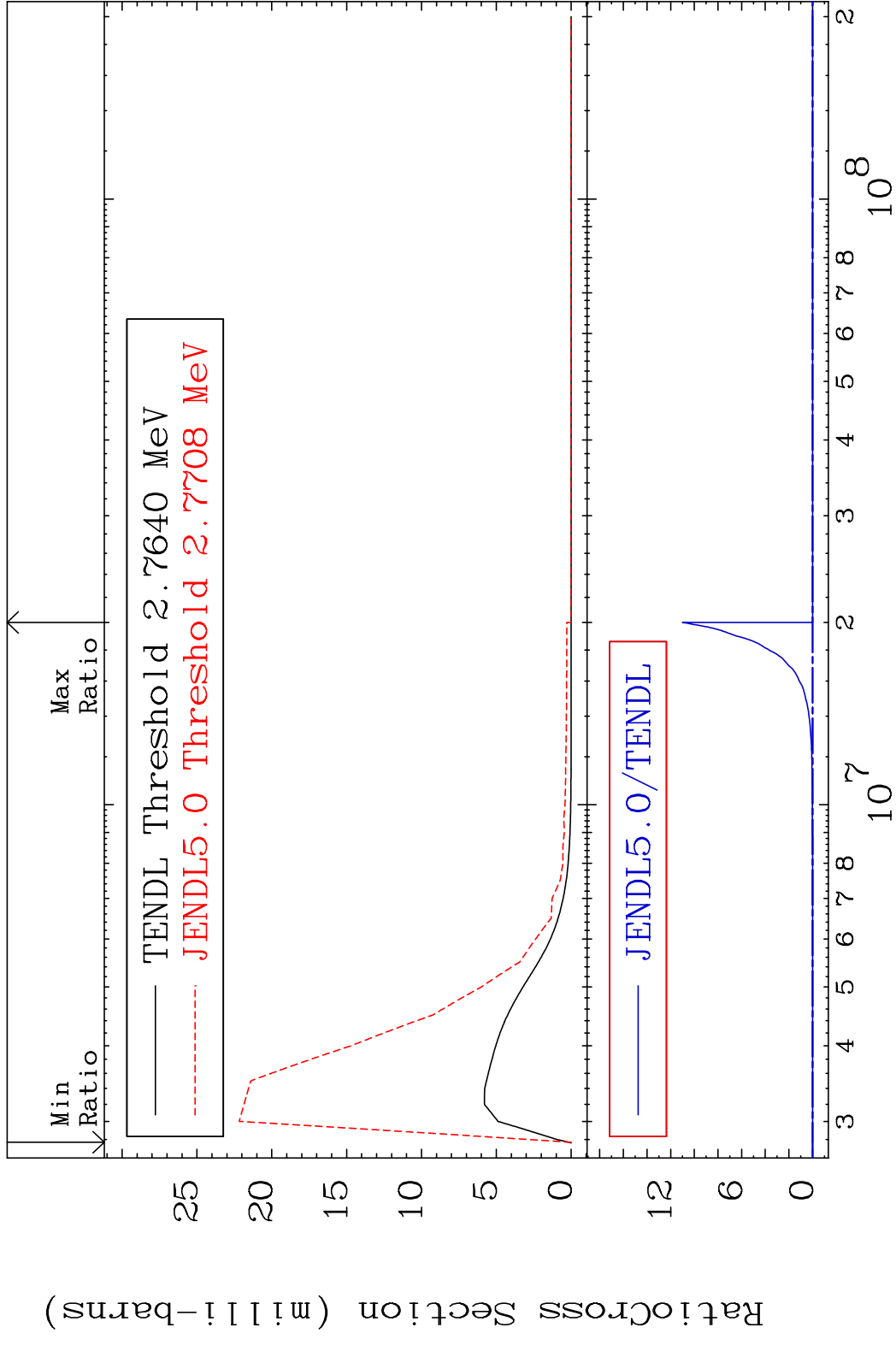
MAT 4237 MT= 75 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 9999. %



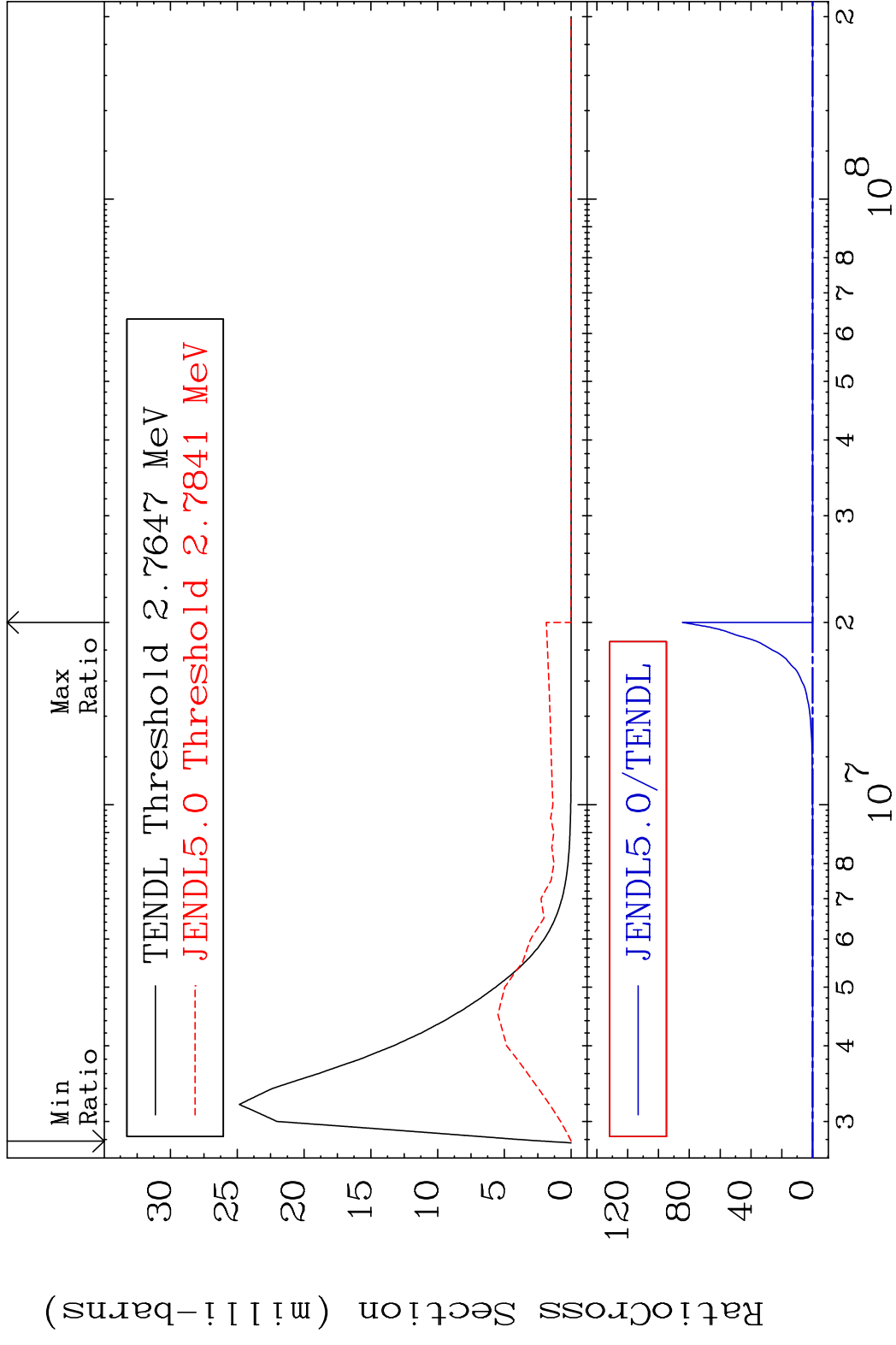
MAT 4237 MT= 76 (n,n') Level 42-Mo-96  
 Cross Section -100.0 To 874.3 %



MAT 4237 MT= 77 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 9999. %



MAT 4237 MT= 78 (n, n') Level 42-Mo-96  
 Cross Section -100.0 To 9999. %

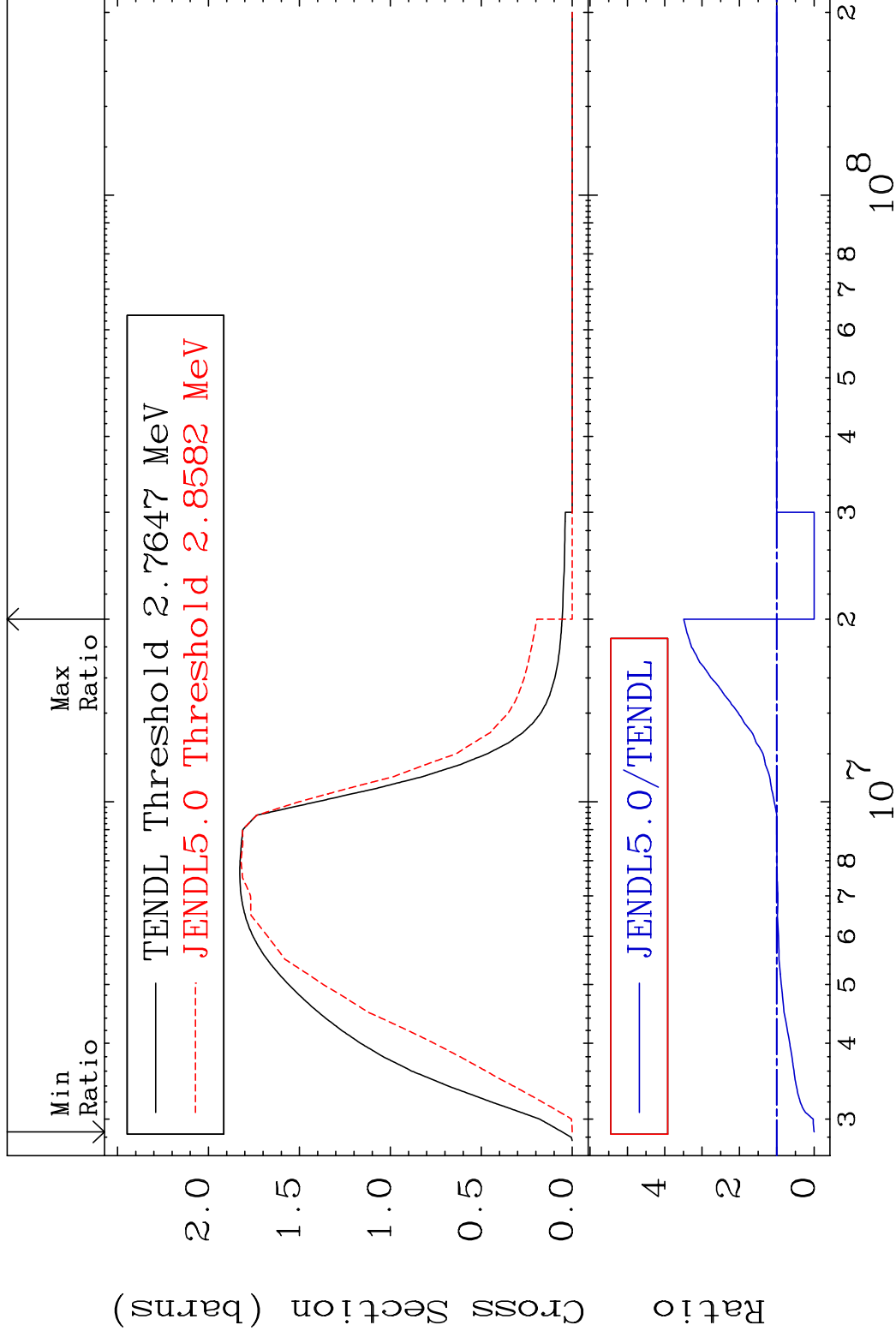


MAT 4237

(n, n') Continuum

42-Mo-96

Cross Section -100.0 To 249.3 %



38

Incident Energy (eV)

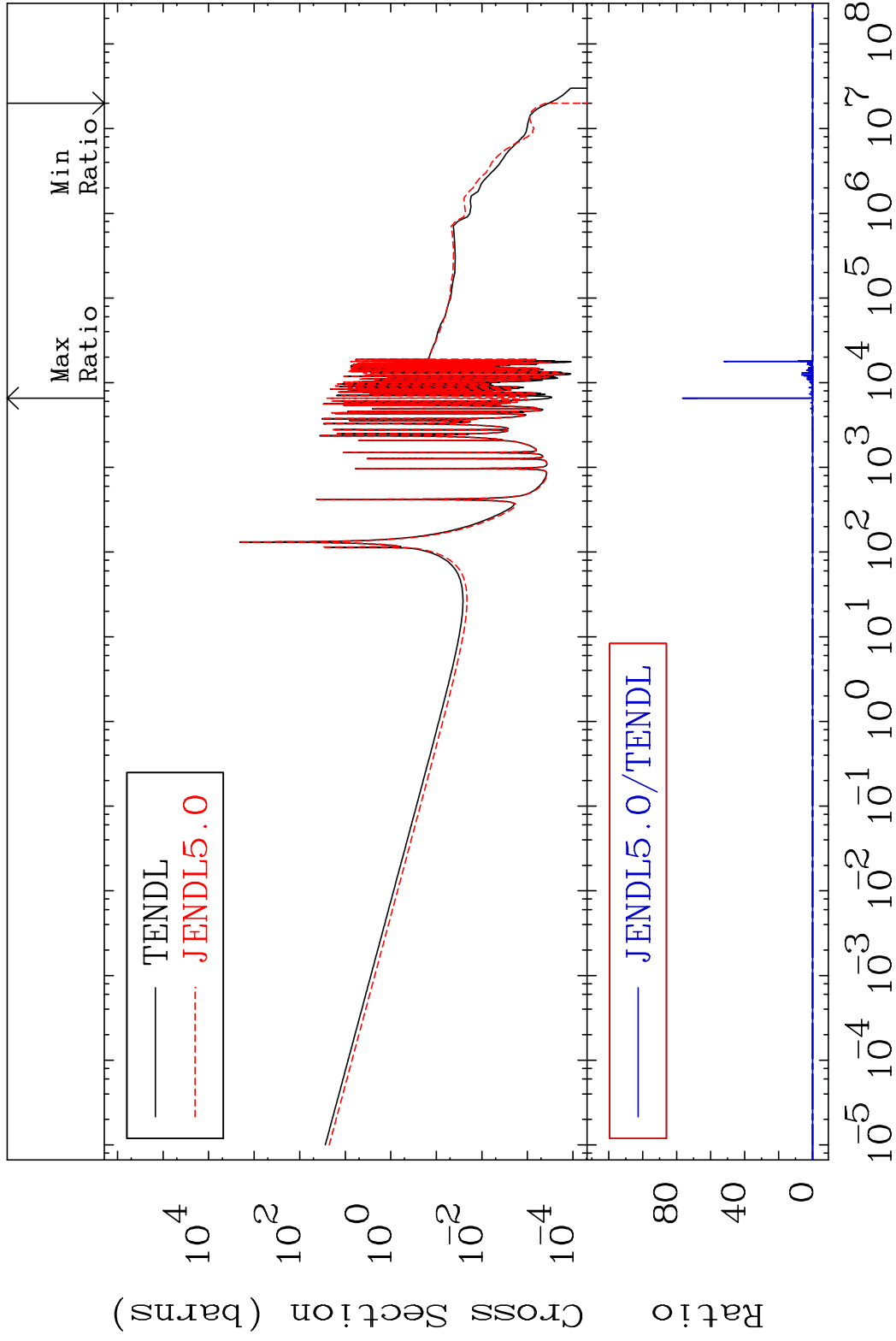
42-Mo-96

MAT 4237

(n,  $\gamma$ )

42-Mo-96

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

42-Mo-96

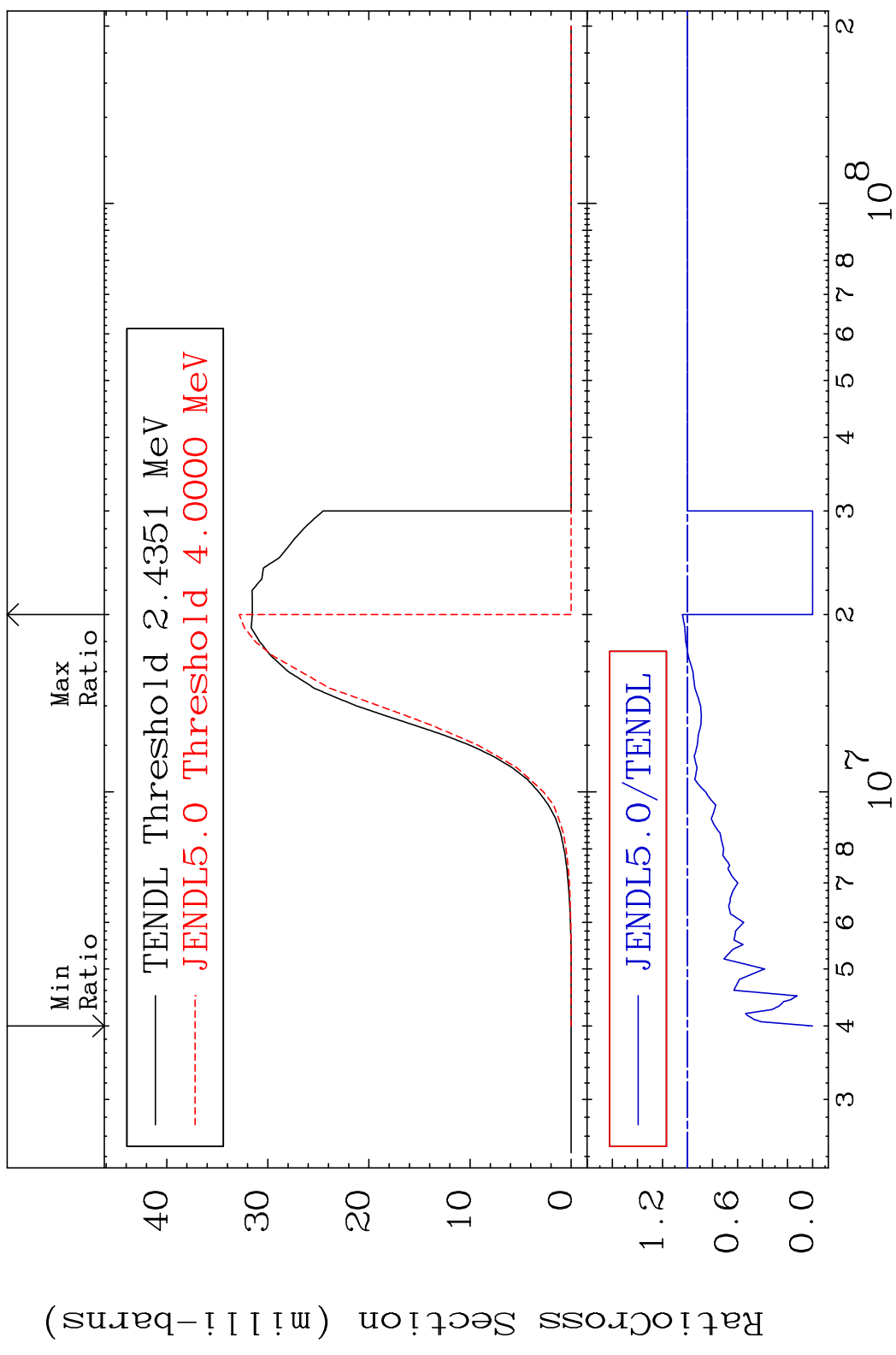


MAT 4237

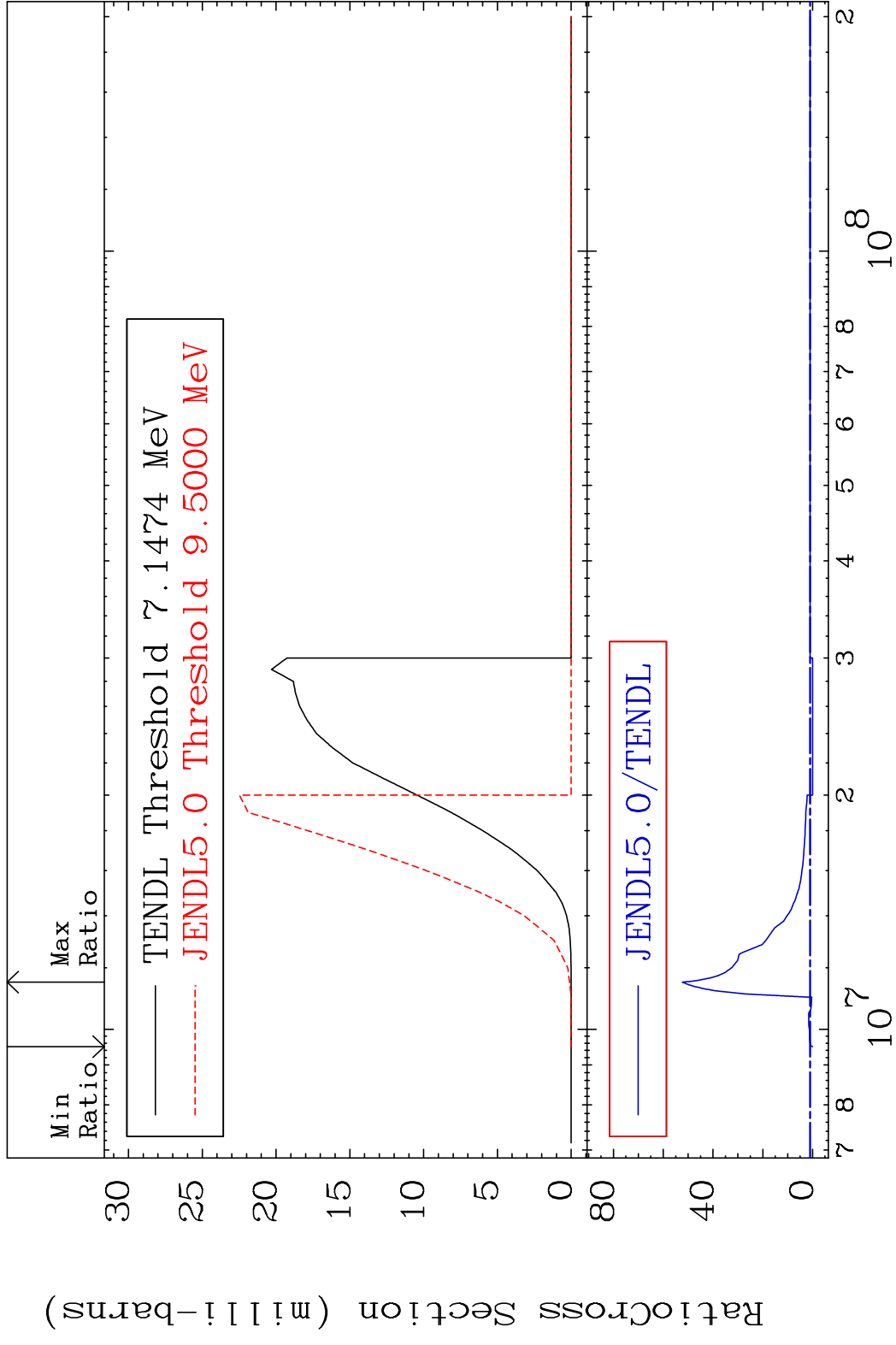
(n, p)

42-Mo-96

Cross Section -100.0 To 4.080 %



MAT 4237 (n,d) 42-Mo-96  
 Cross Section -100.0 To 5131. %

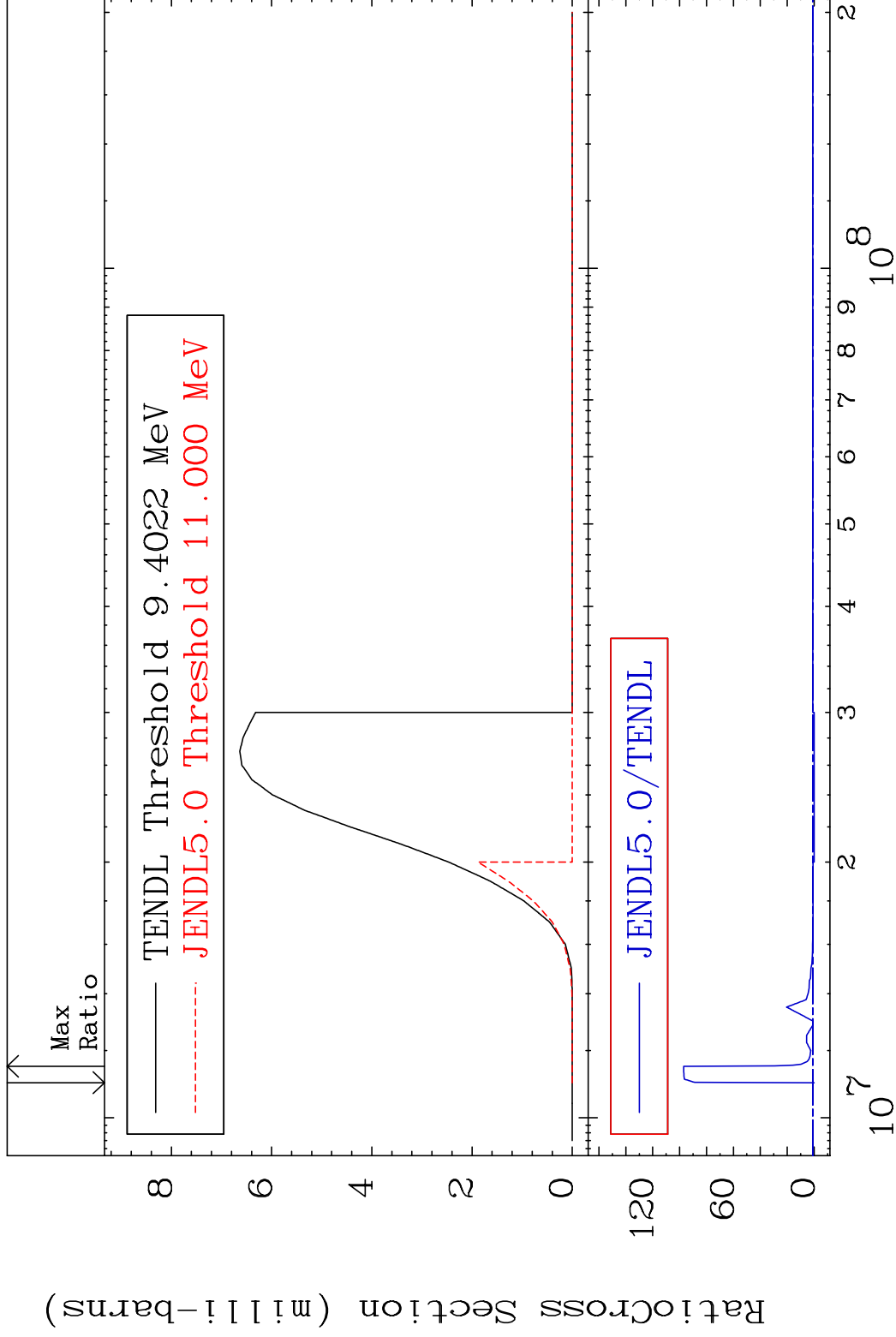


MAT 4237

(n, t)

42-Mo-96

Cross Section -100.0 To 9600. %



42

Incident Energy (eV)

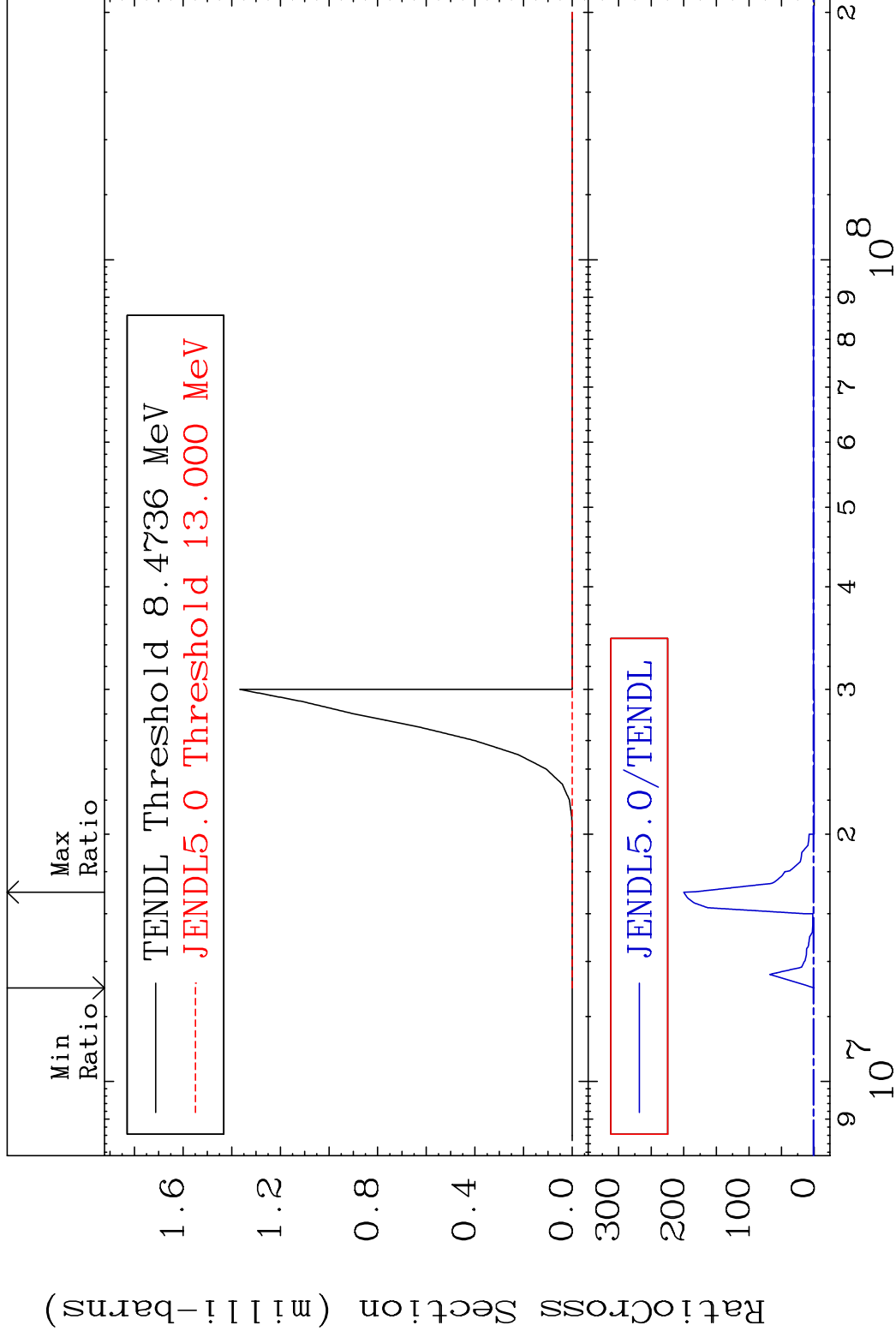
42-Mo-96

MAT 4237

(n, He-3)

42-Mo-96

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

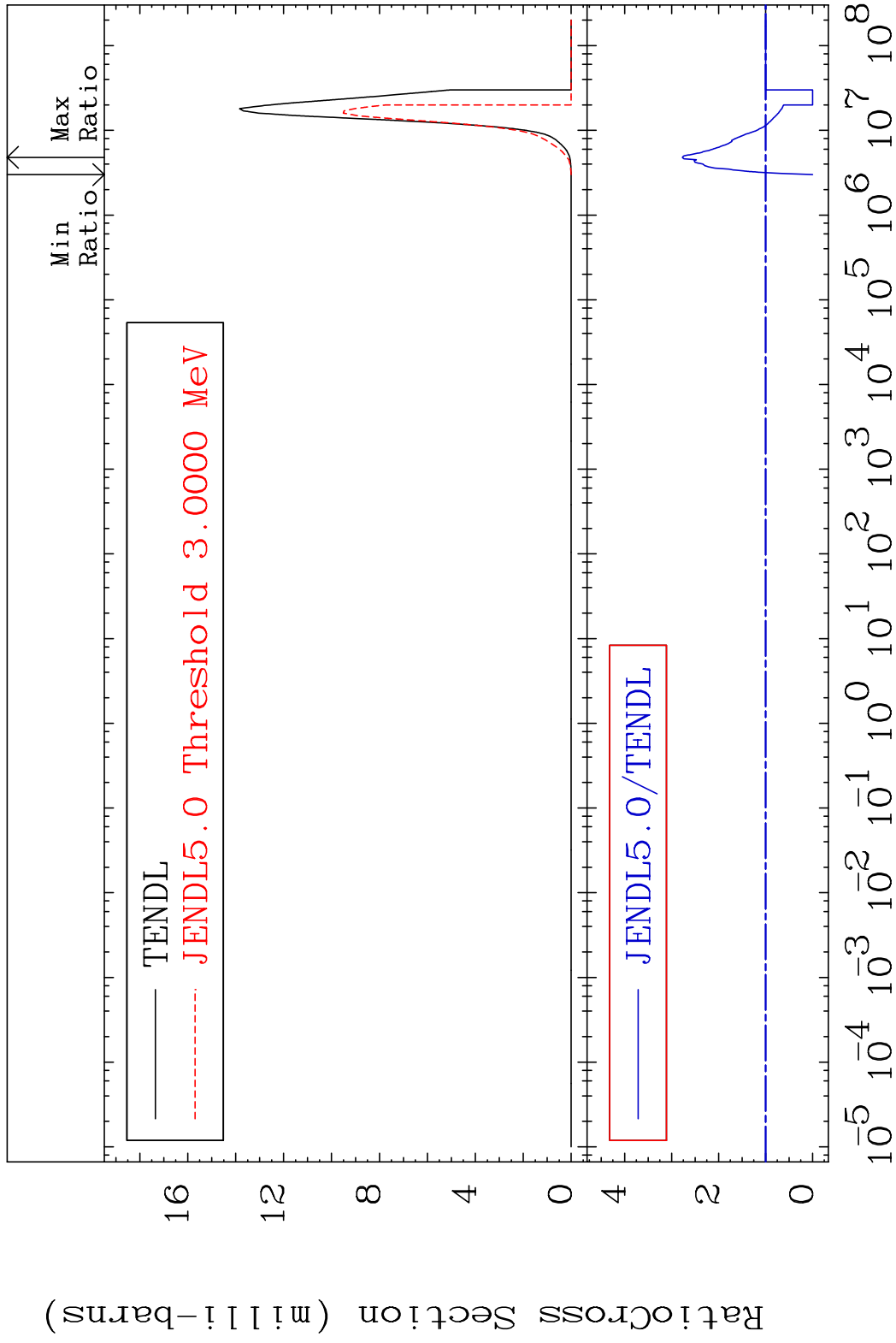
42-Mo-96

MAT 4237

(n,  $\alpha$ )

42-Mo-96

Cross Section -100.0 To 177.1 %



44

Incident Energy (eV)

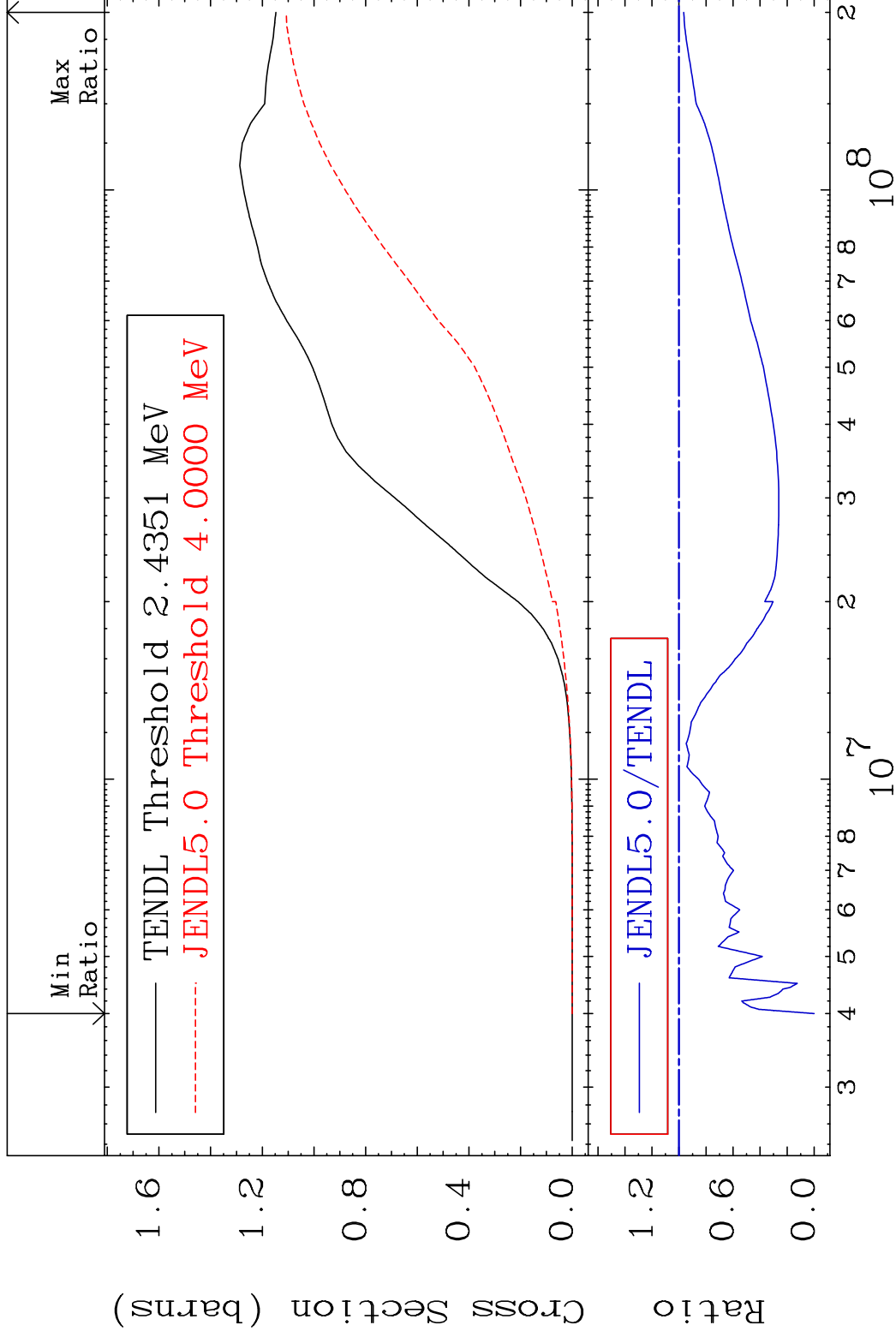
42-Mo-96

MAT 4237

Hydrogen Production

42-Mo-96

Cross Section -100.0 To -3.451%



45

Incident Energy (eV)

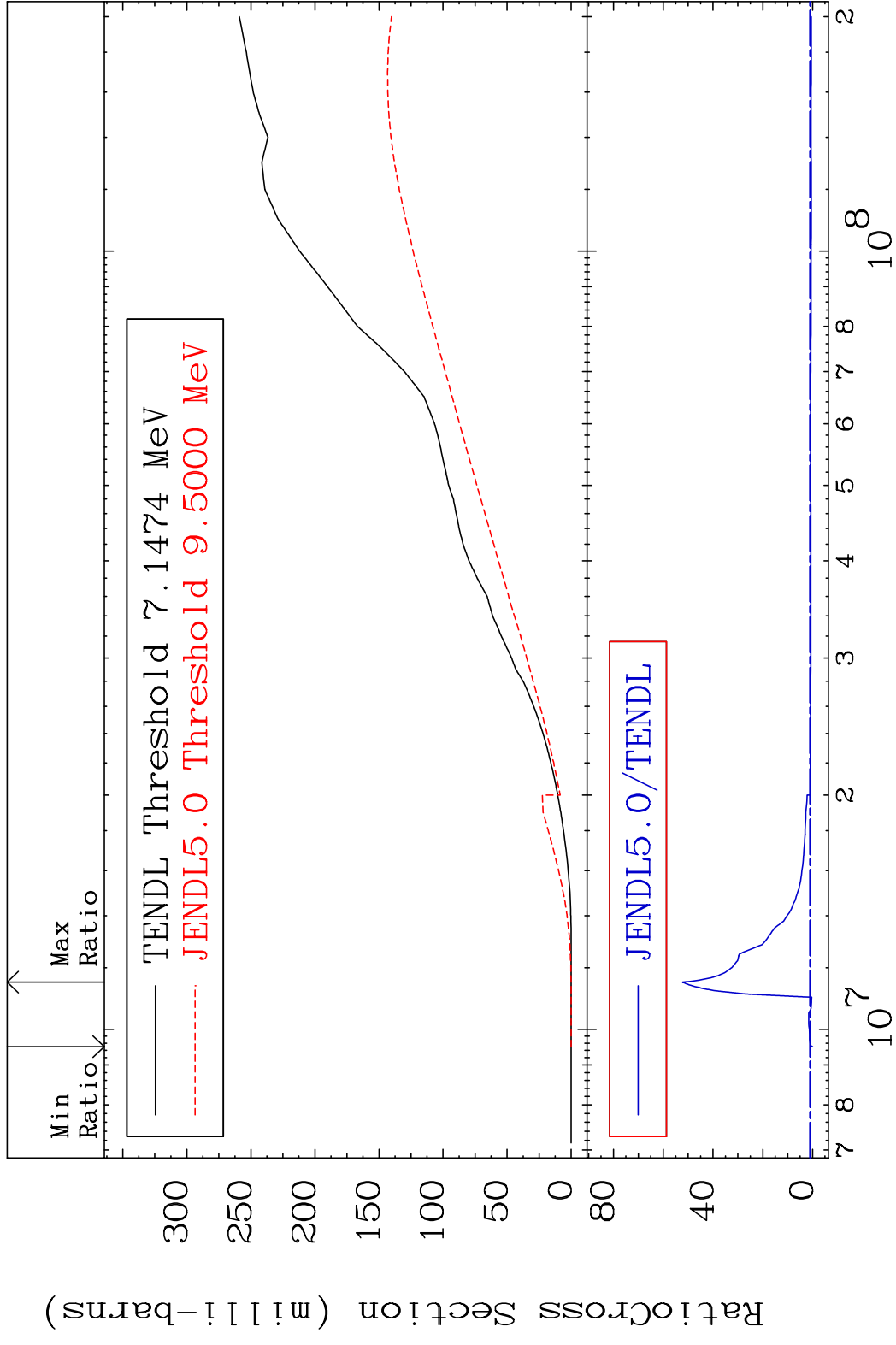
42-Mo-96

MAT 4237

Deuterium Production

42-Mo-96

Cross Section -100.0 To 5131. %

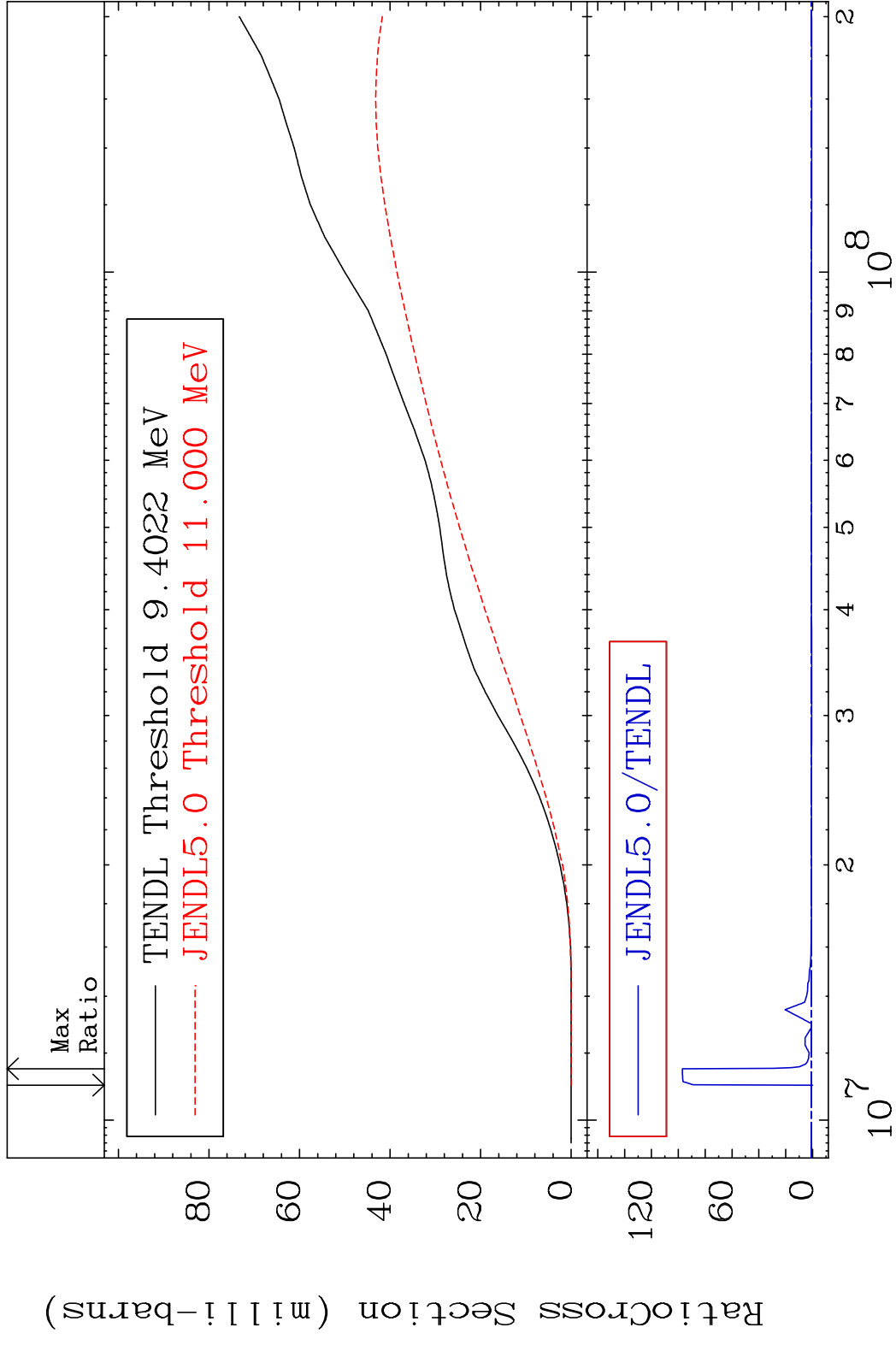


46

Incident Energy (eV)

42-Mo-96

MAT 4237 Tritium Production 42-Mo-96  
 Cross Section -100.0 To 9600. %



47 42-Mo-96

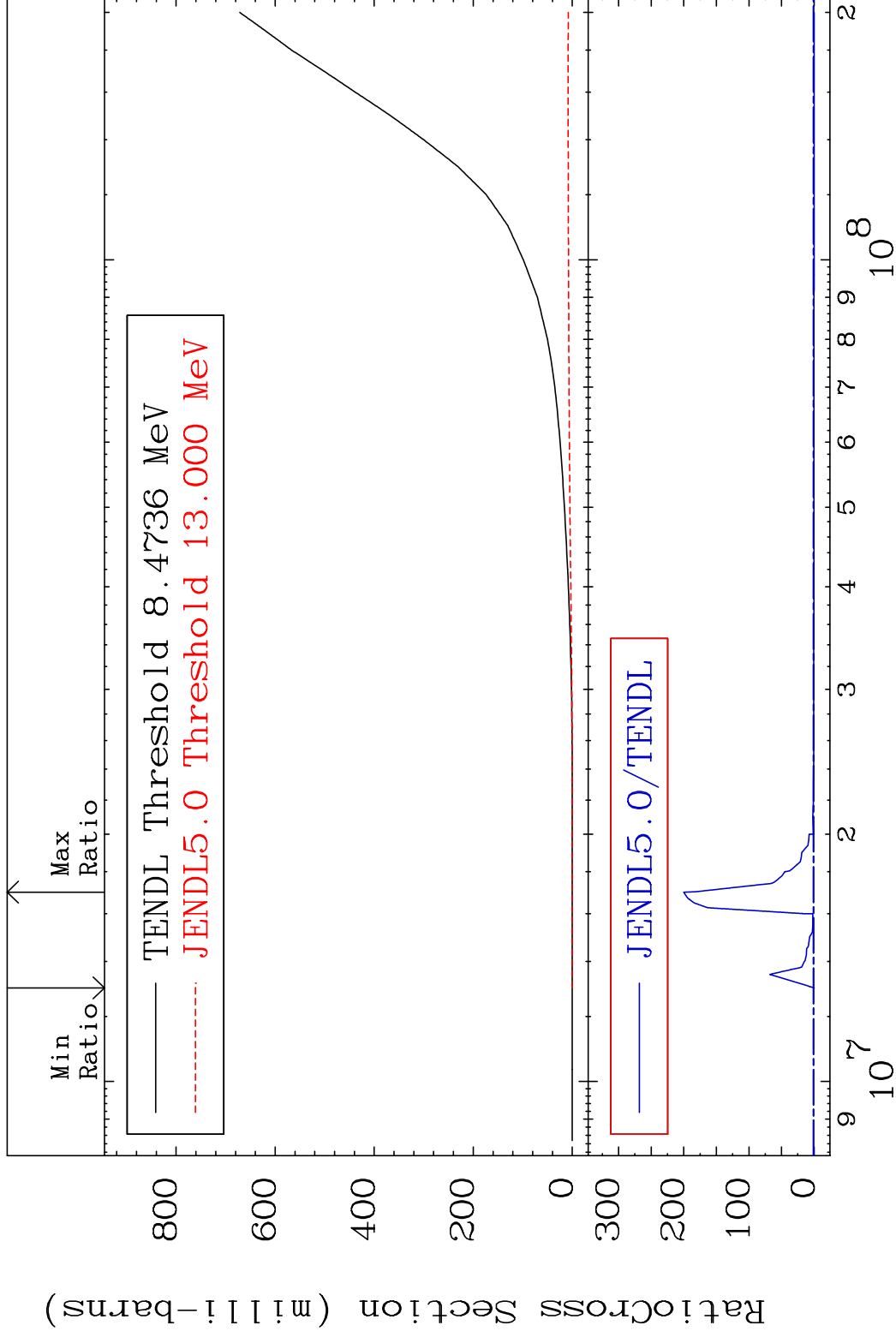


MAT 4237

He-3 Production

42-Mo-96

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

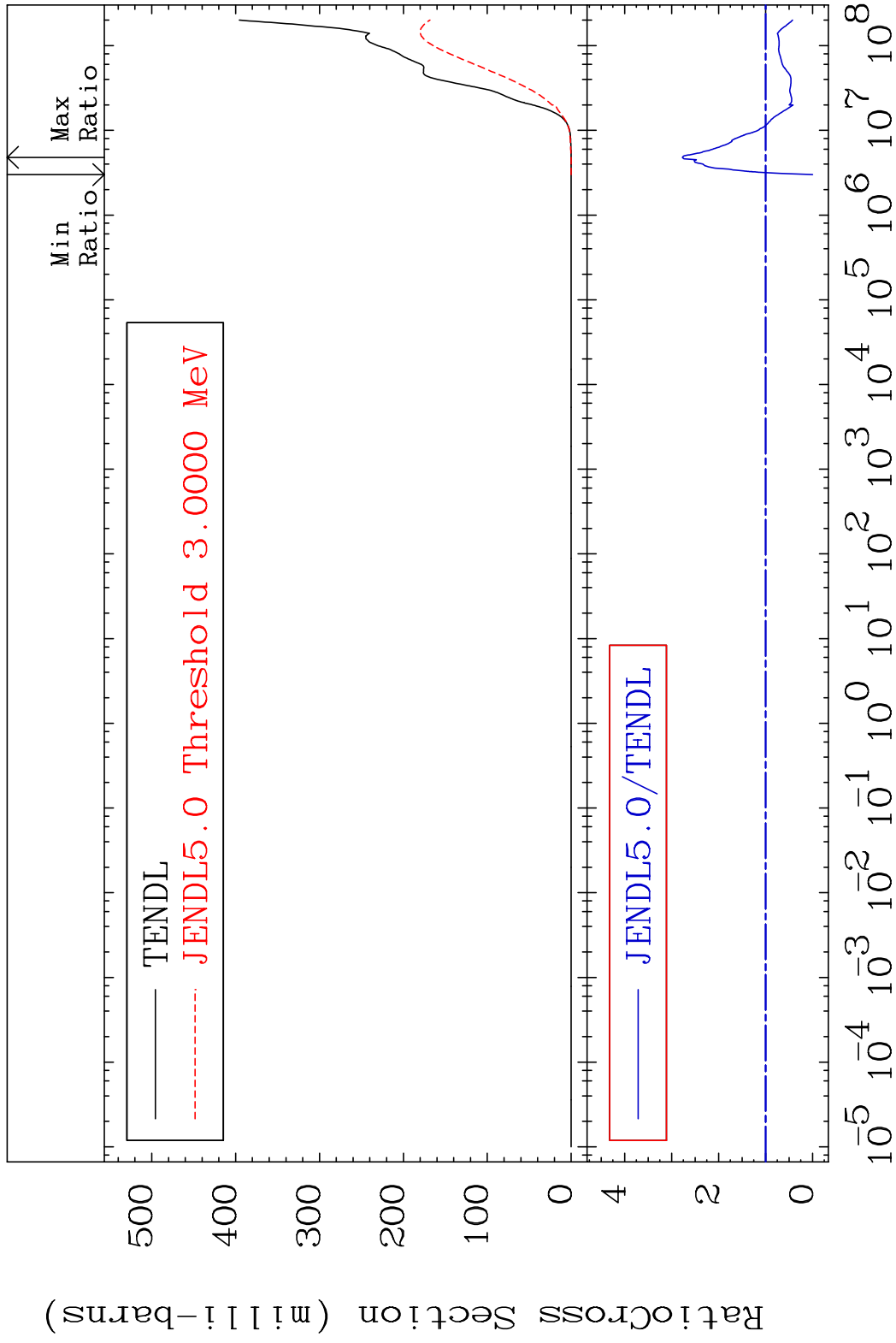
42-Mo-96

MAT 4237

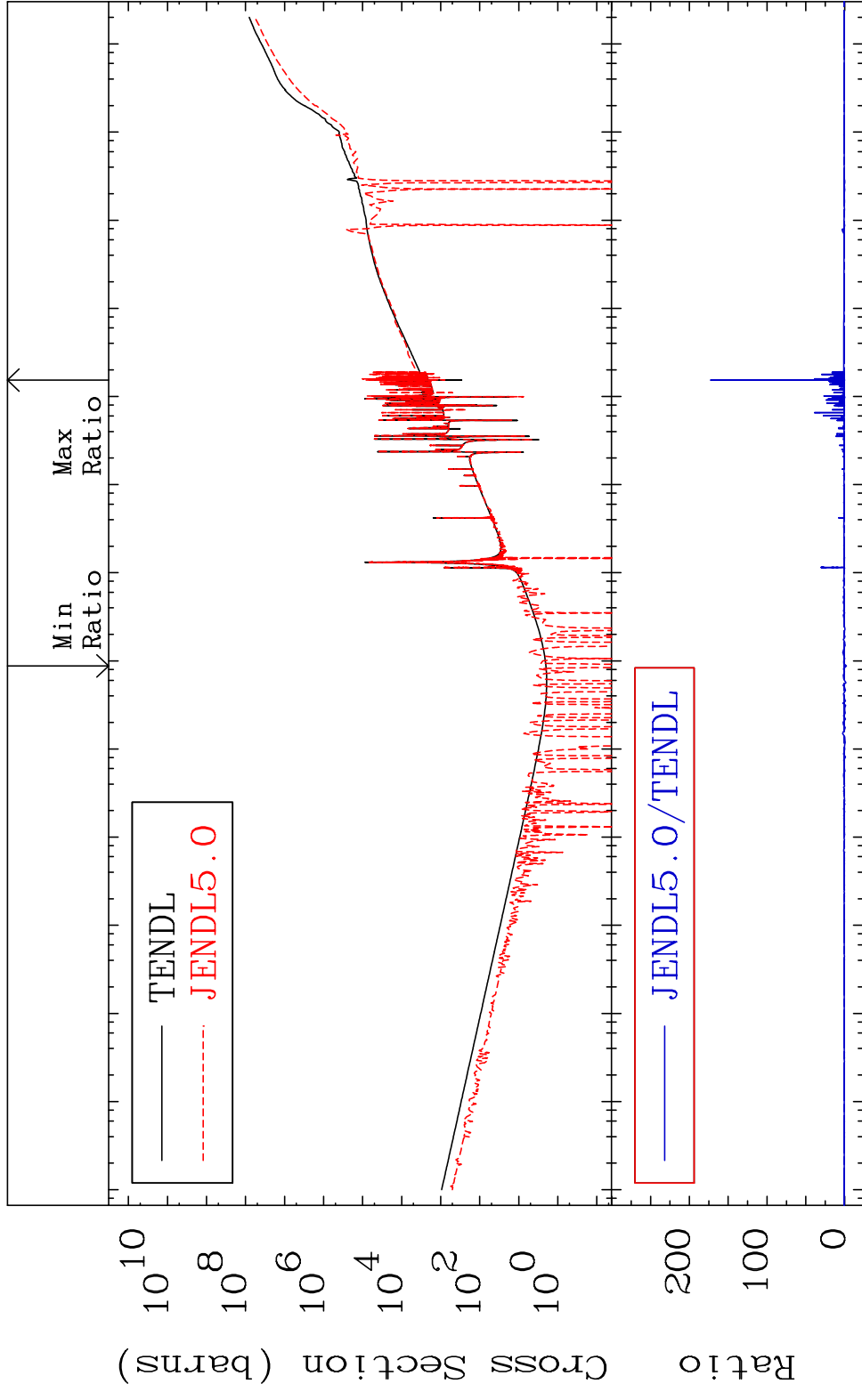
He-4 Production

42-Mo-96

Cross Section -100.0 To 177.1 %



MAT 4237 Kerma total (eV-barns) 42-Mo-96  
 Cross Section -313.4 To 9999. %



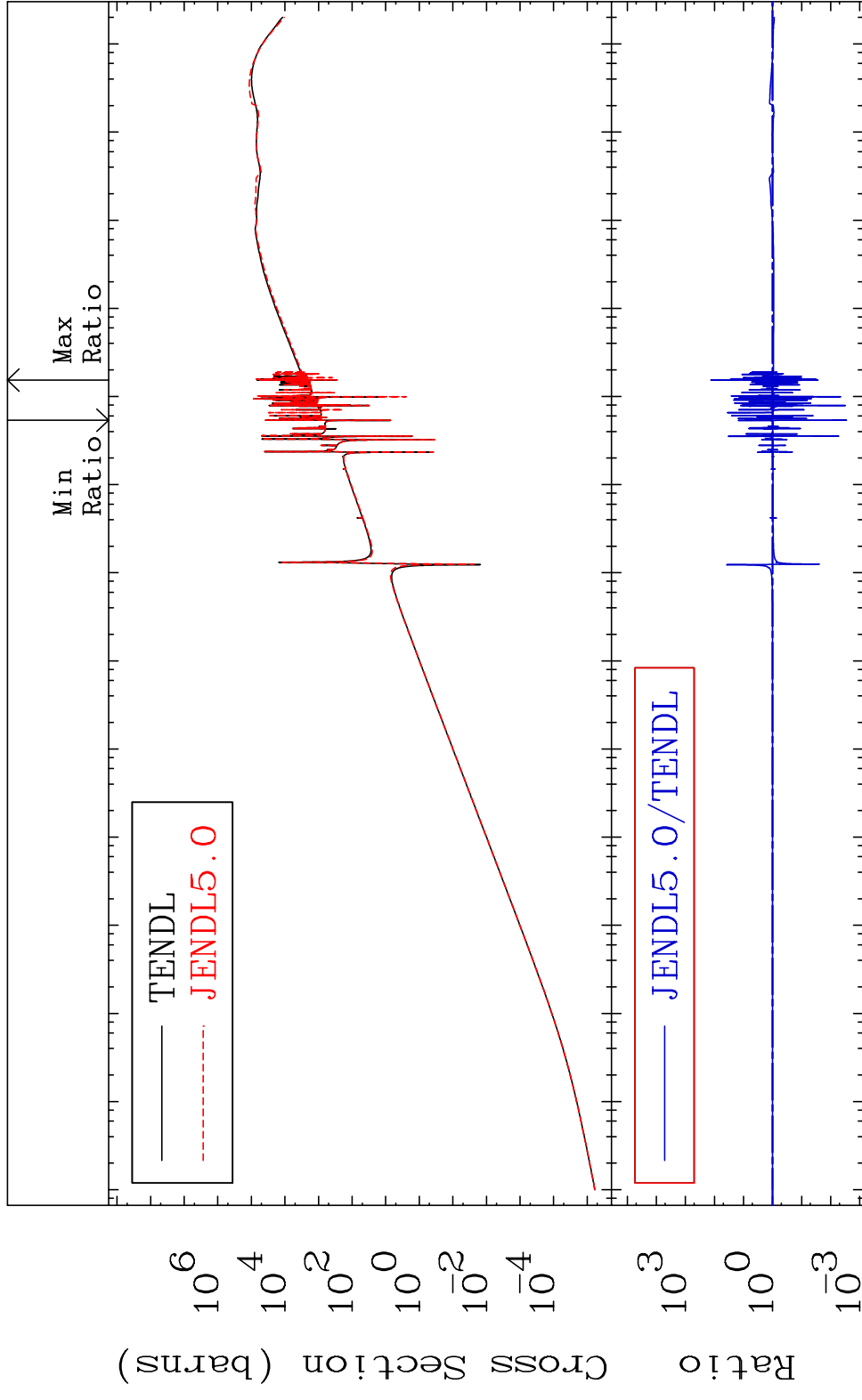
Ratio  
 200  
 100  
 0

50 Incident Energy (eV) 42-Mo-96

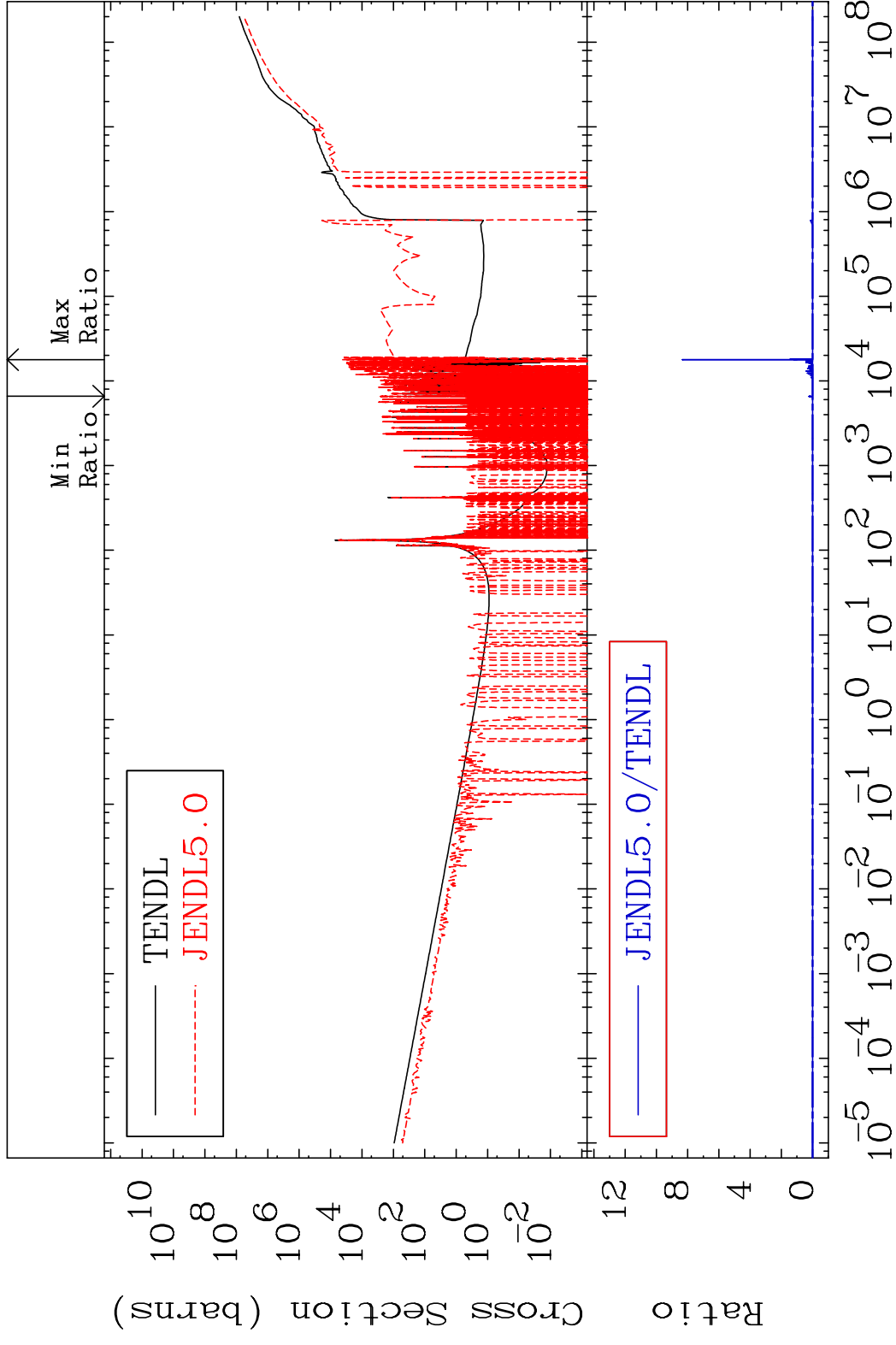
MAT 4237

Kerma elastic  
Cross Section

42-Mo-96  
-99.71 To 9999. %

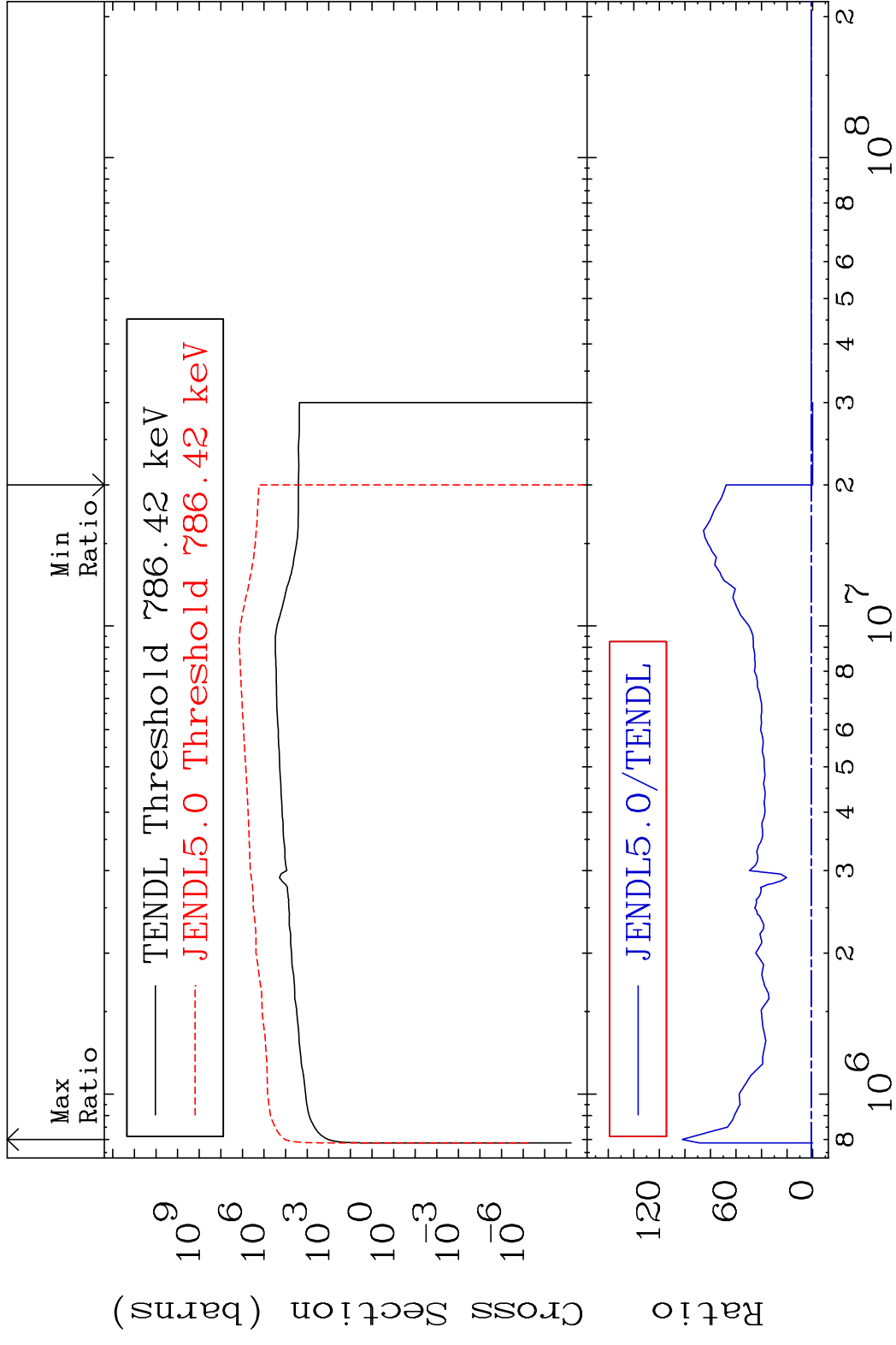


MAT 4237 Kerma non-elastic (all but mt2) 42-Mo-96  
 Cross Section -9999. To 9999. %

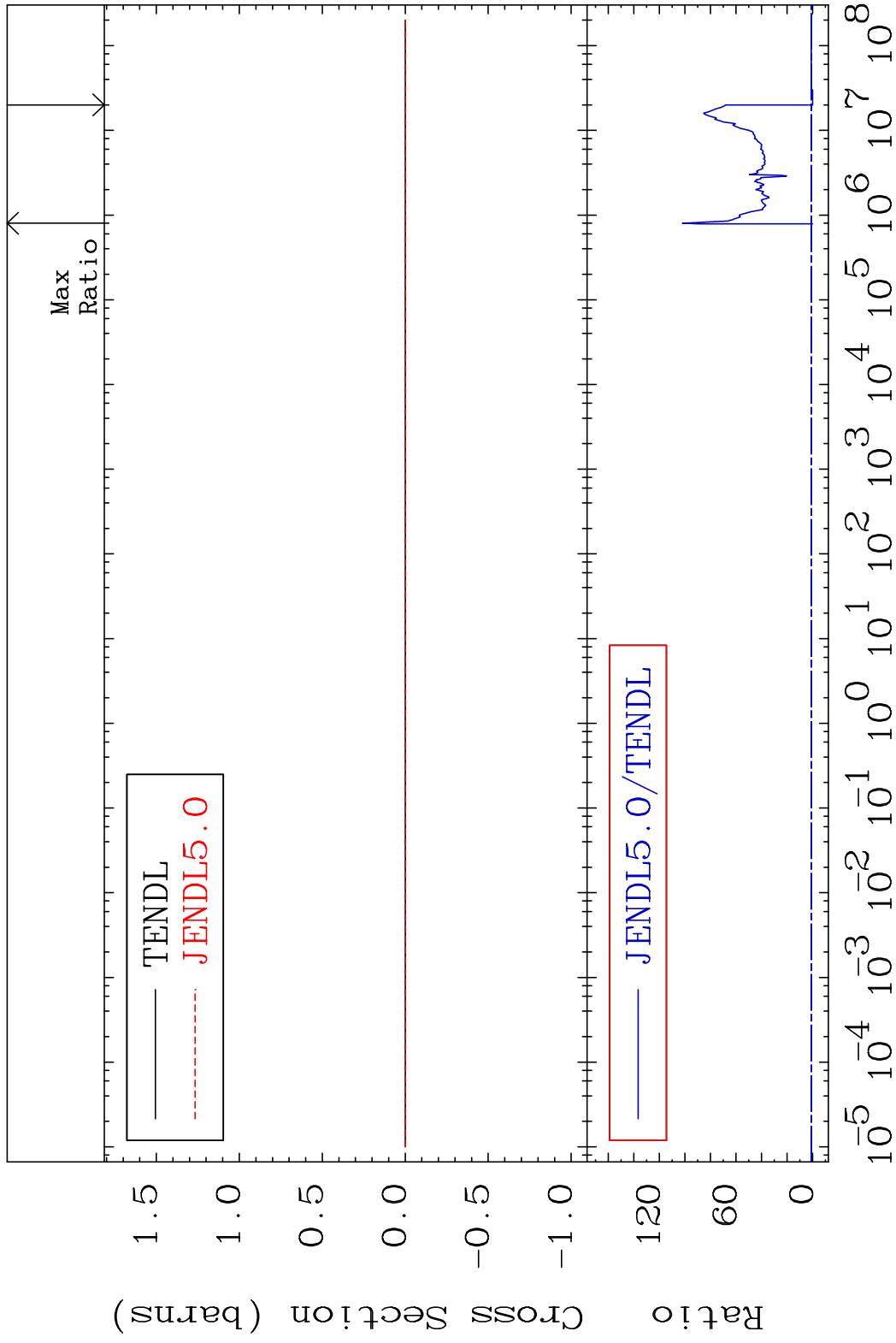


52 Incident Energy (eV) 42-Mo-96

MAT 4237 Kerma inelastic (mt51-91) 42-Mo-96  
 Cross Section -100.0 To 9999. %



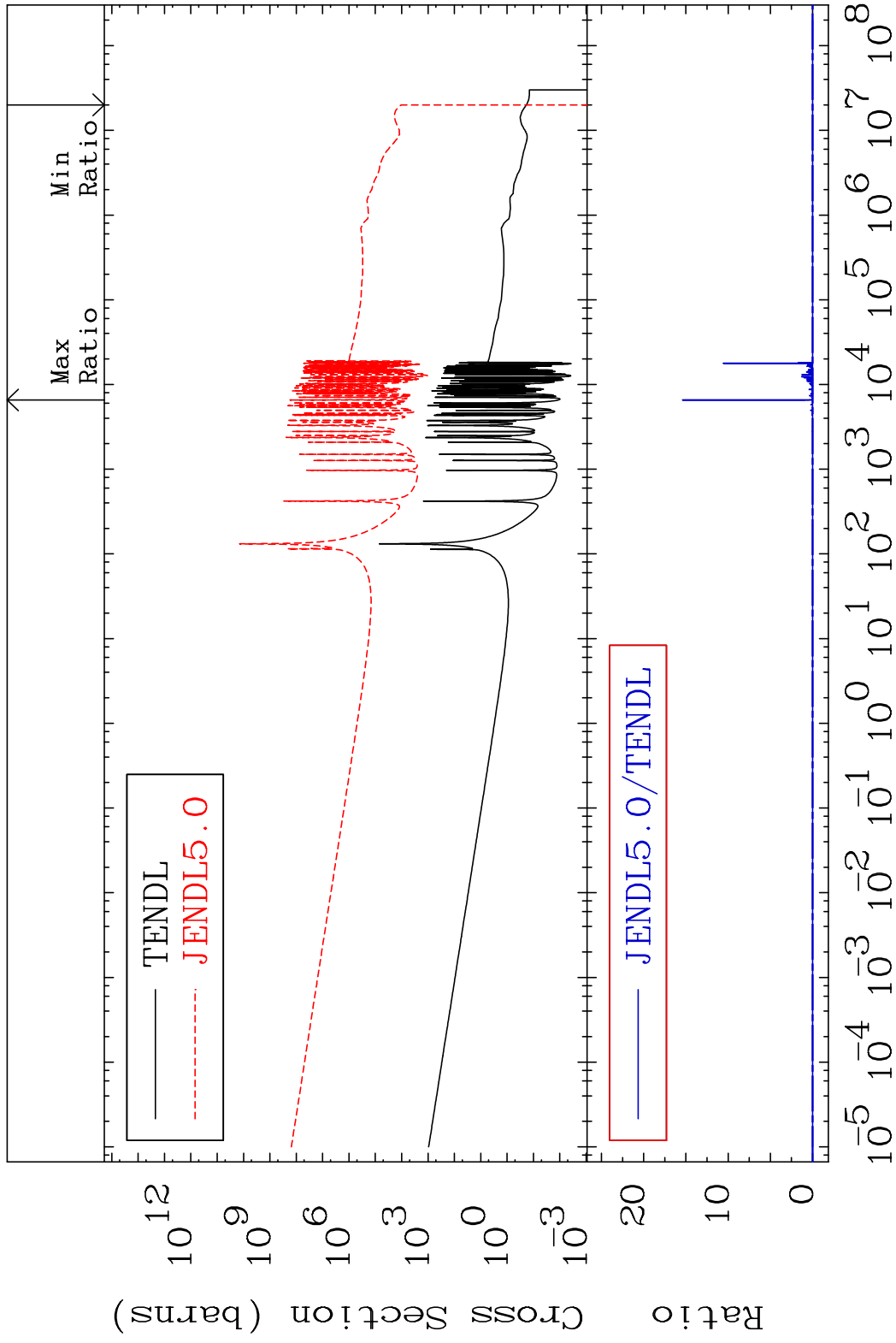
MAT 4237 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-96  
 Cross Section -100.0 To 9999. %



MAT 4237

Kerma capture (mt102) 42-Mo-96

Cross Section -100.0 To 9999. %



55

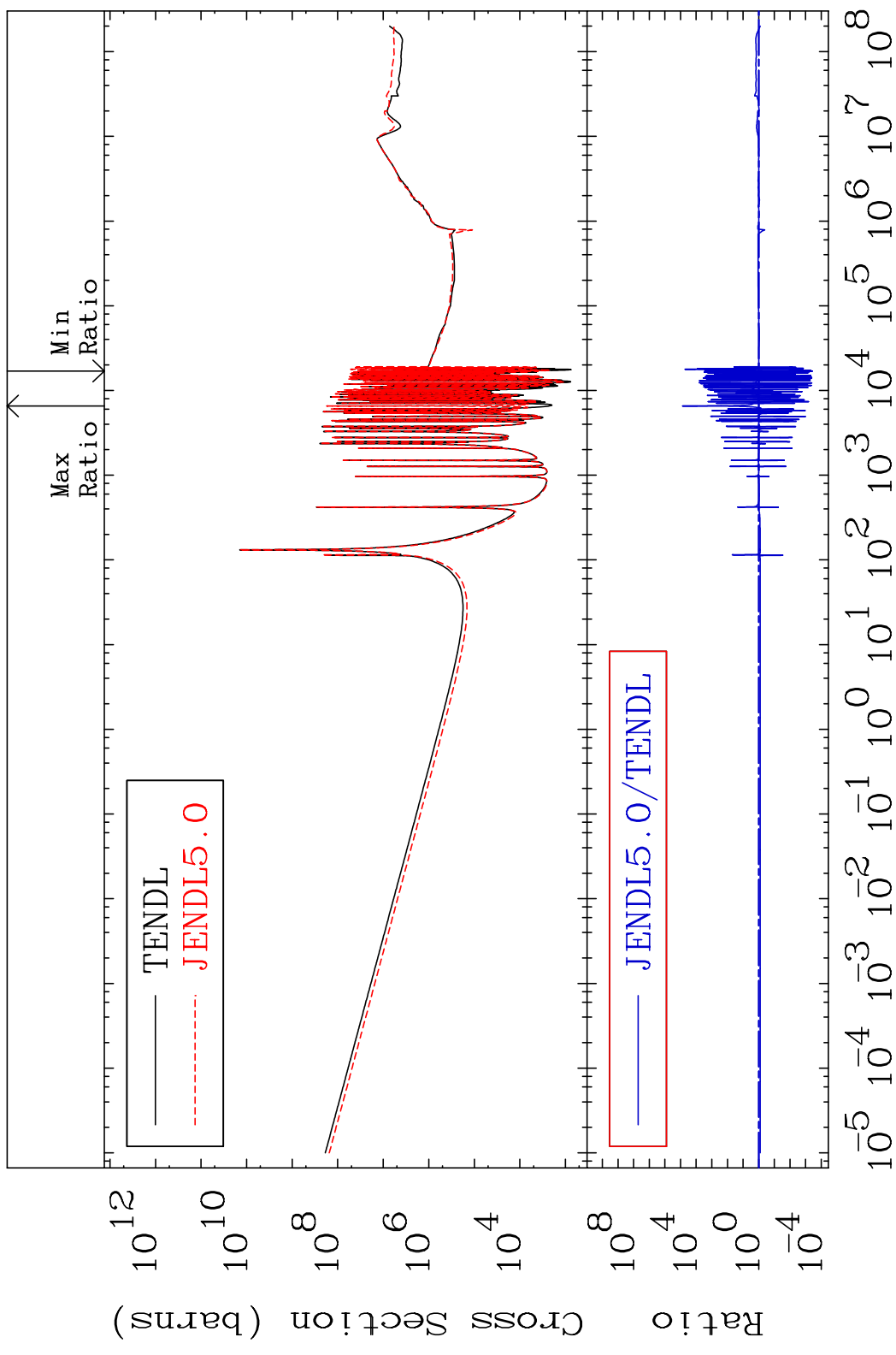
Incident Energy (eV)

42-Mo-96

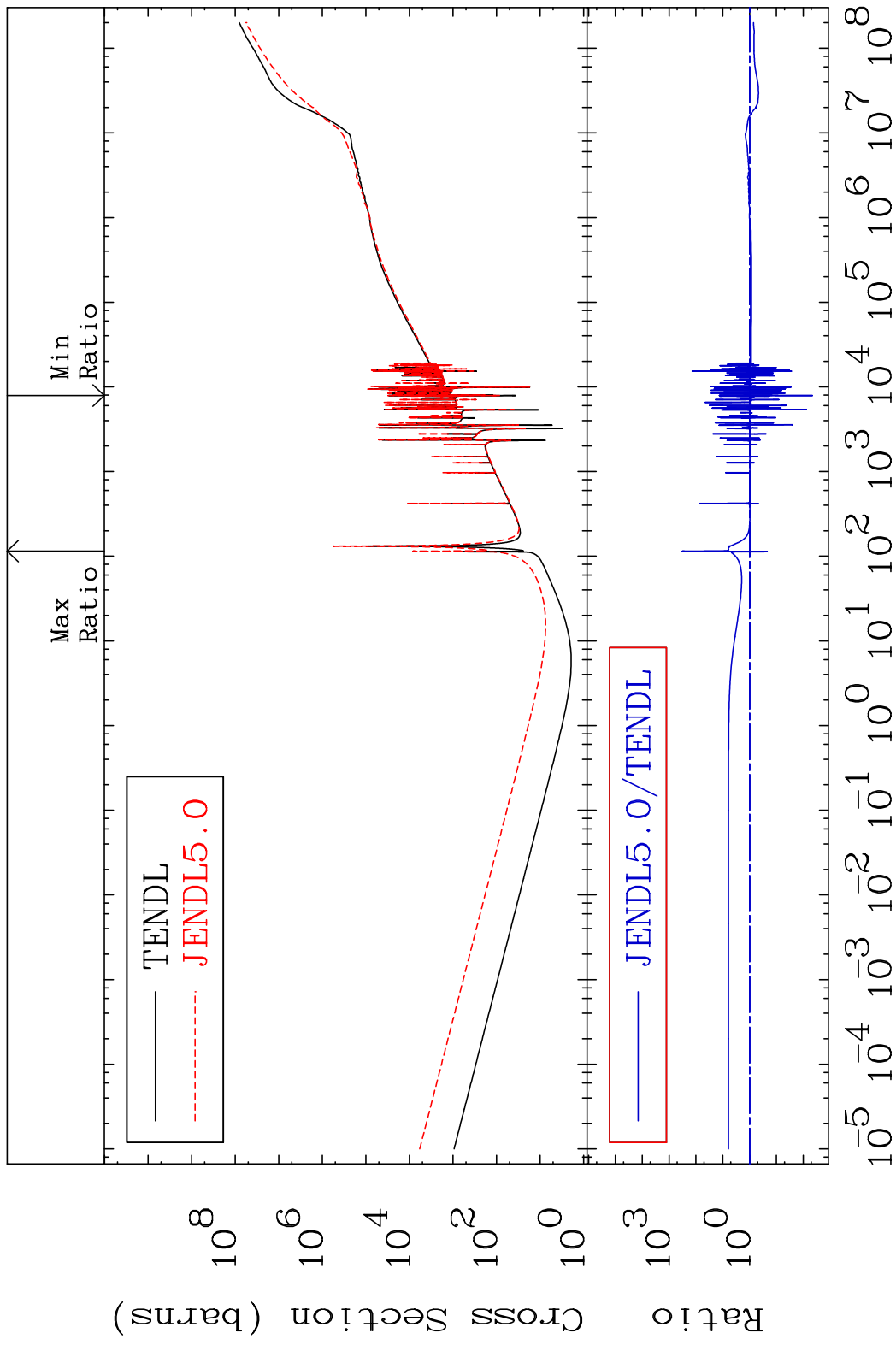


MAT 4237

Total photon (eV-barns) 42-Mo-96  
Cross Section -99.96 To 9999. %



MAT 4237 Total kinematic kerma (high limit) 42-Mo-96  
 Cross Section -99.55 To 9999. %

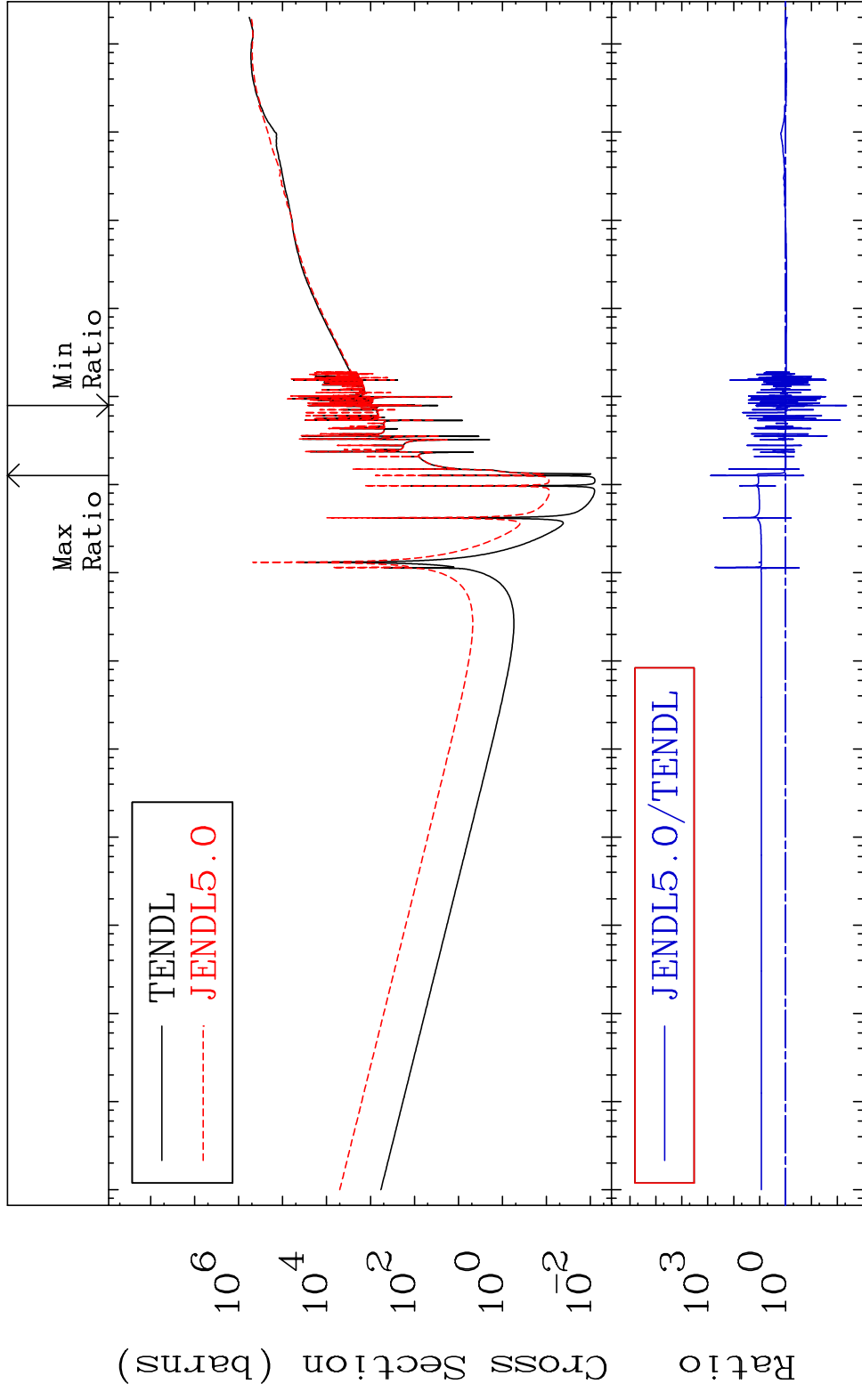


MAT 4237

Dpa total (eV-barns)

42-Mo-96

Cross Section -99.55 To 9999. %



58

Incident Energy (eV)

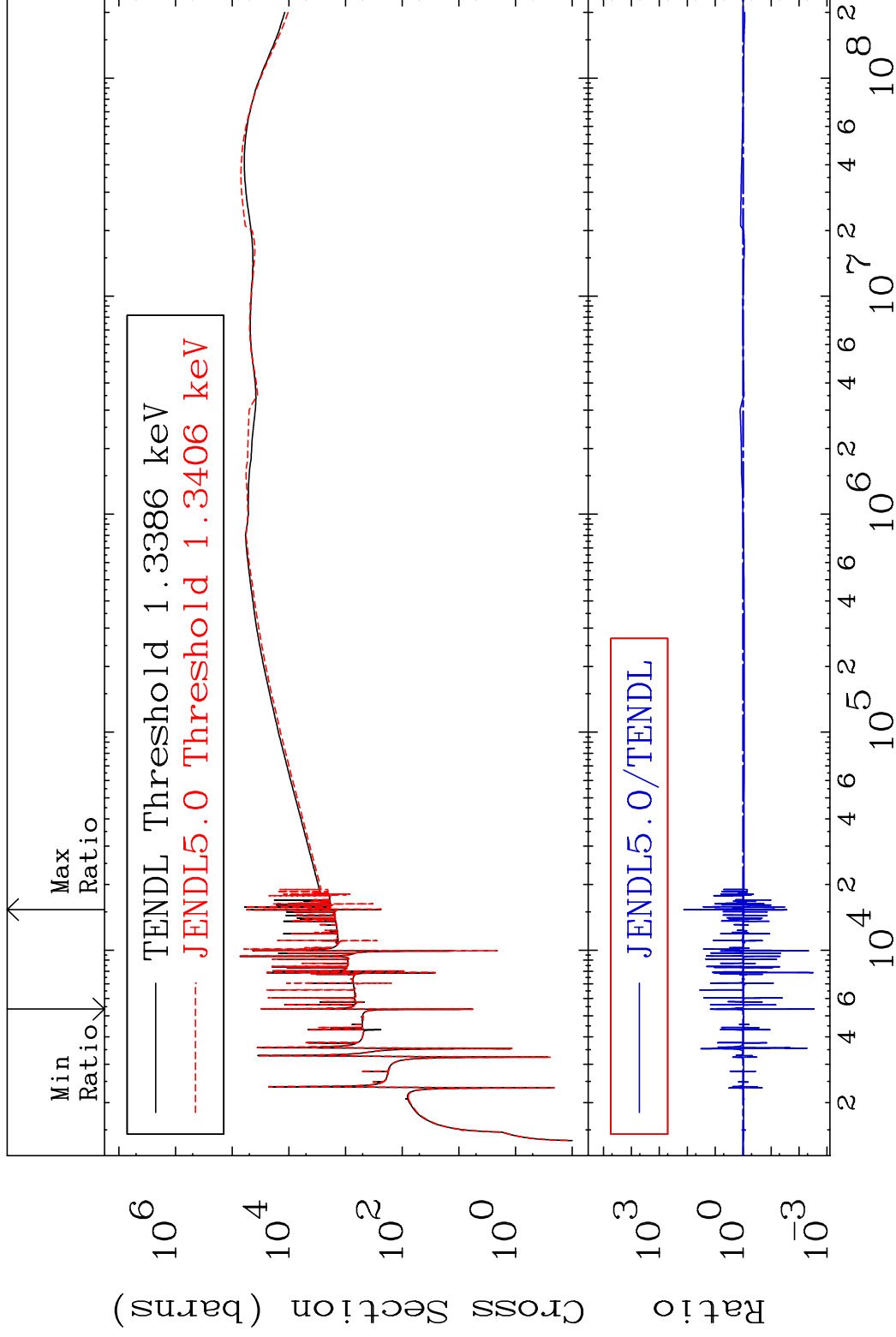
42-Mo-96

MAT 4237

Dpa elastic (mt2)

42-Mo-96

Cross Section -99.71 To 9999. %

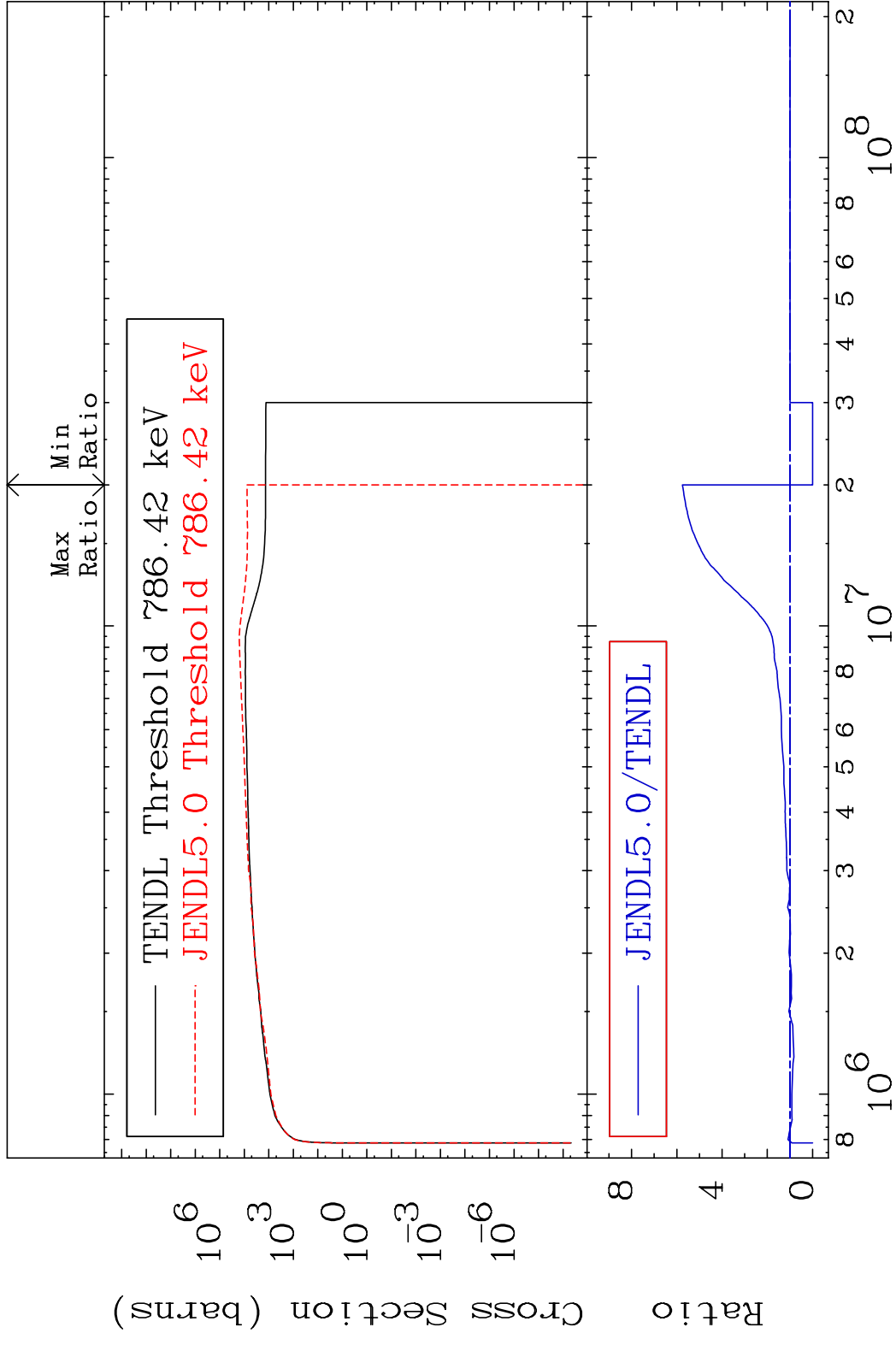


59

Incident Energy (eV)

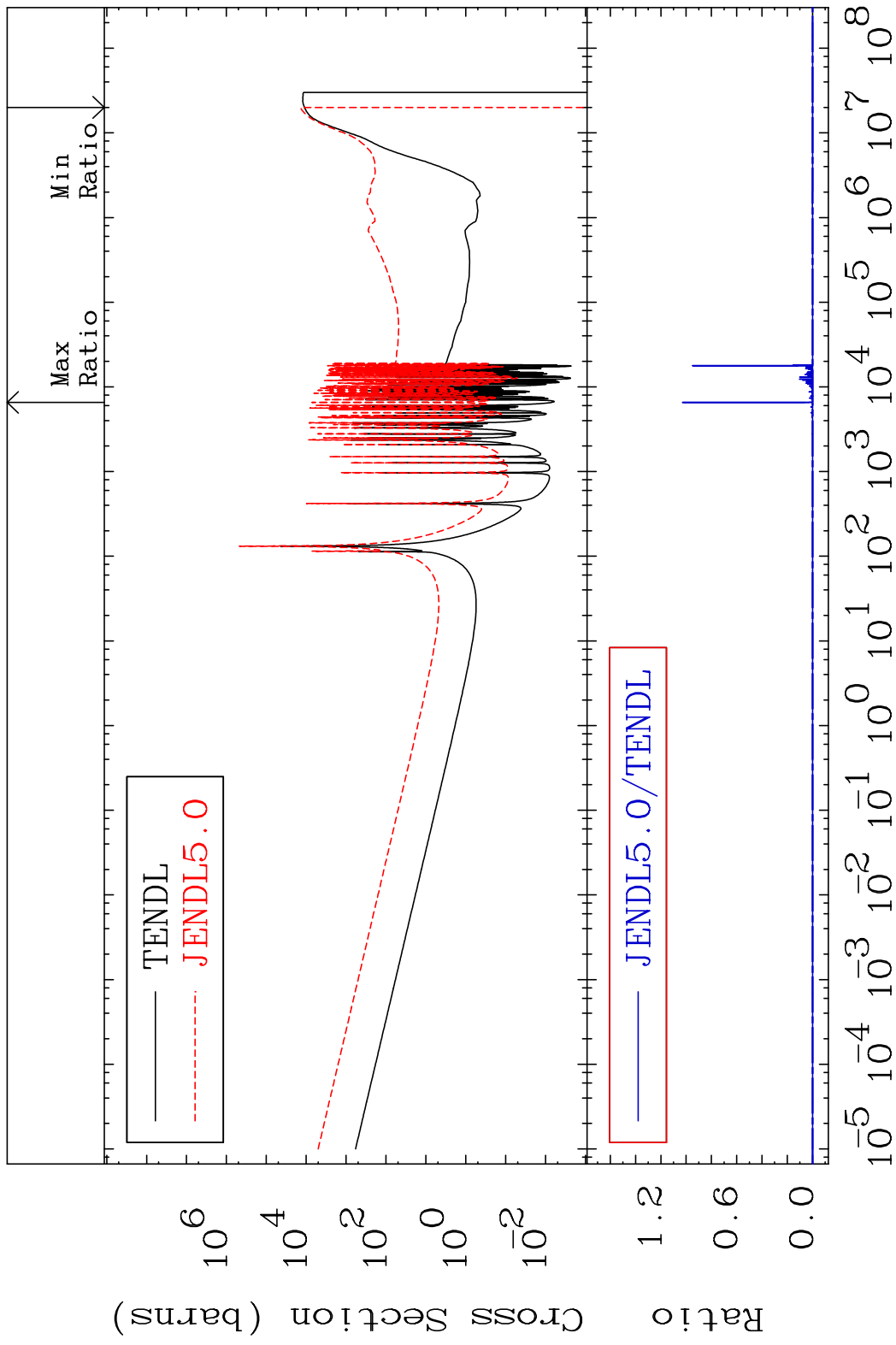
42-Mo-96

MAT 4237 Dpa inelastic (mt51-91) 42-Mo-96  
 Cross Section -100.0 To 475.6 %

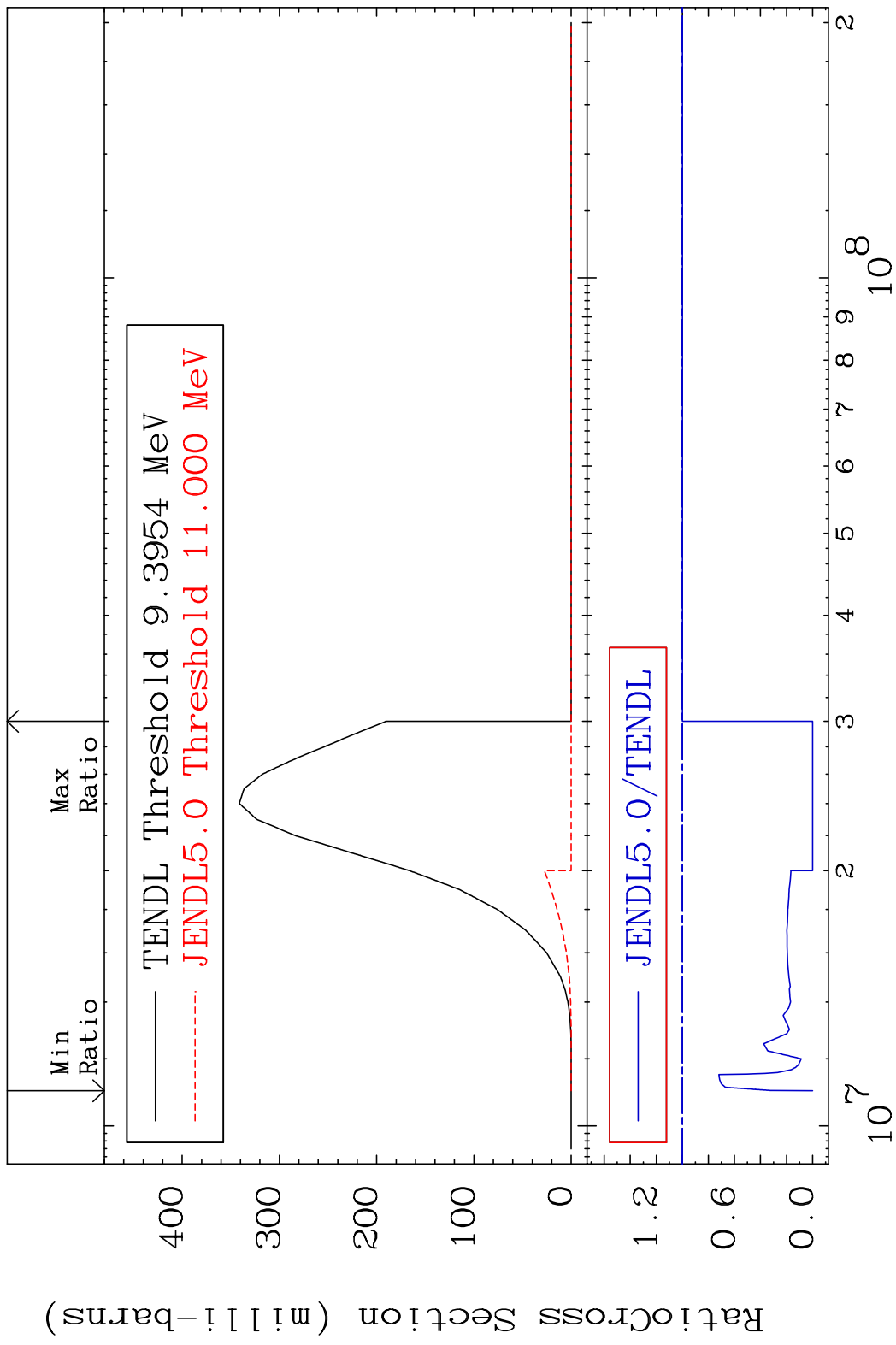


60 Incident Energy (eV) 42-Mo-96

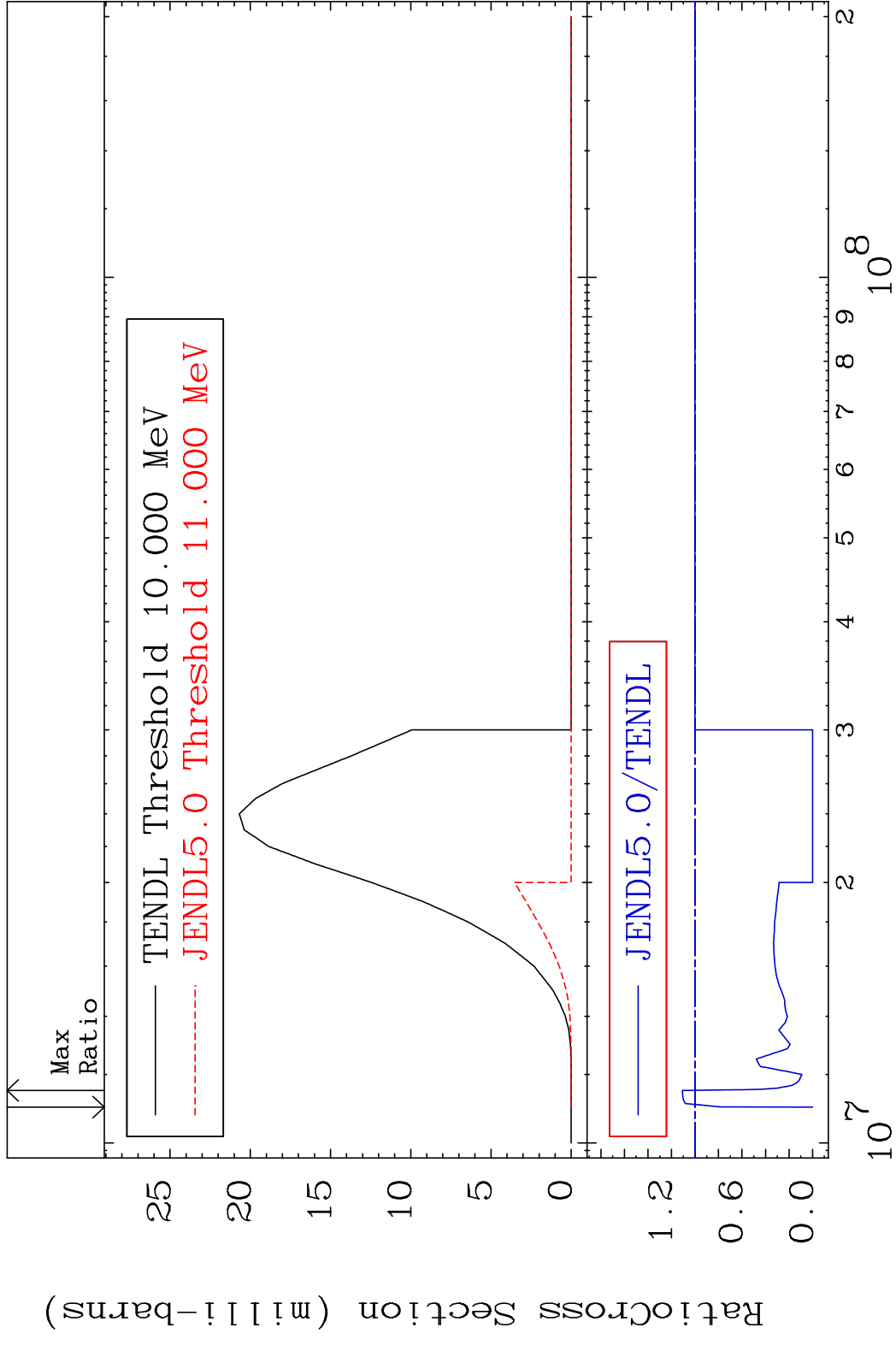
MAT 4237 Dpa disappearance (mt102 -120) 42-Mo-96  
 Cross Section -100.0 To 9999. %



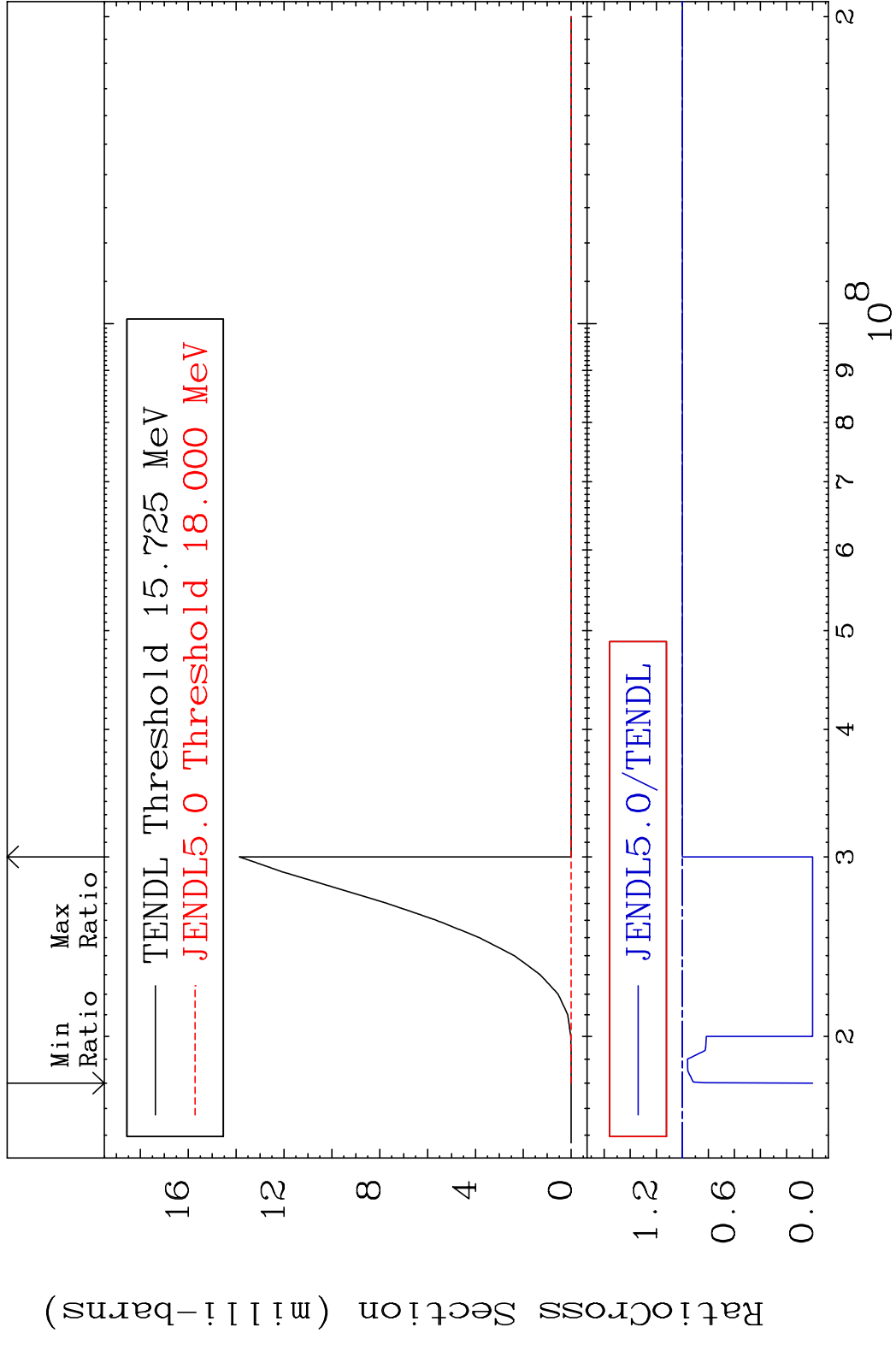
MAT 4237 (n, n') p:41-Nb-95g 42-Mo-96  
 Radionuclide Production Cross Section Ratio 0.000 %

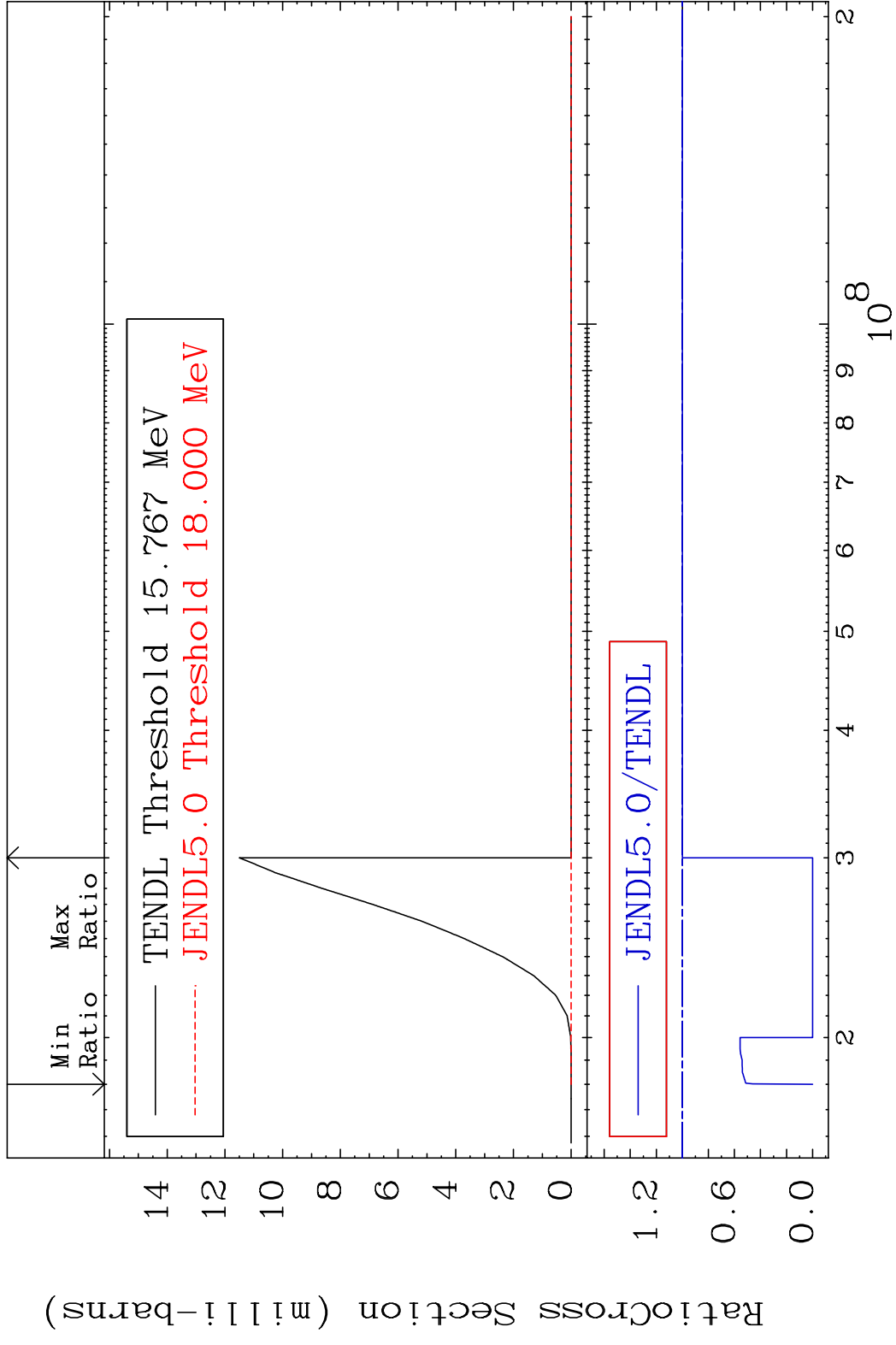


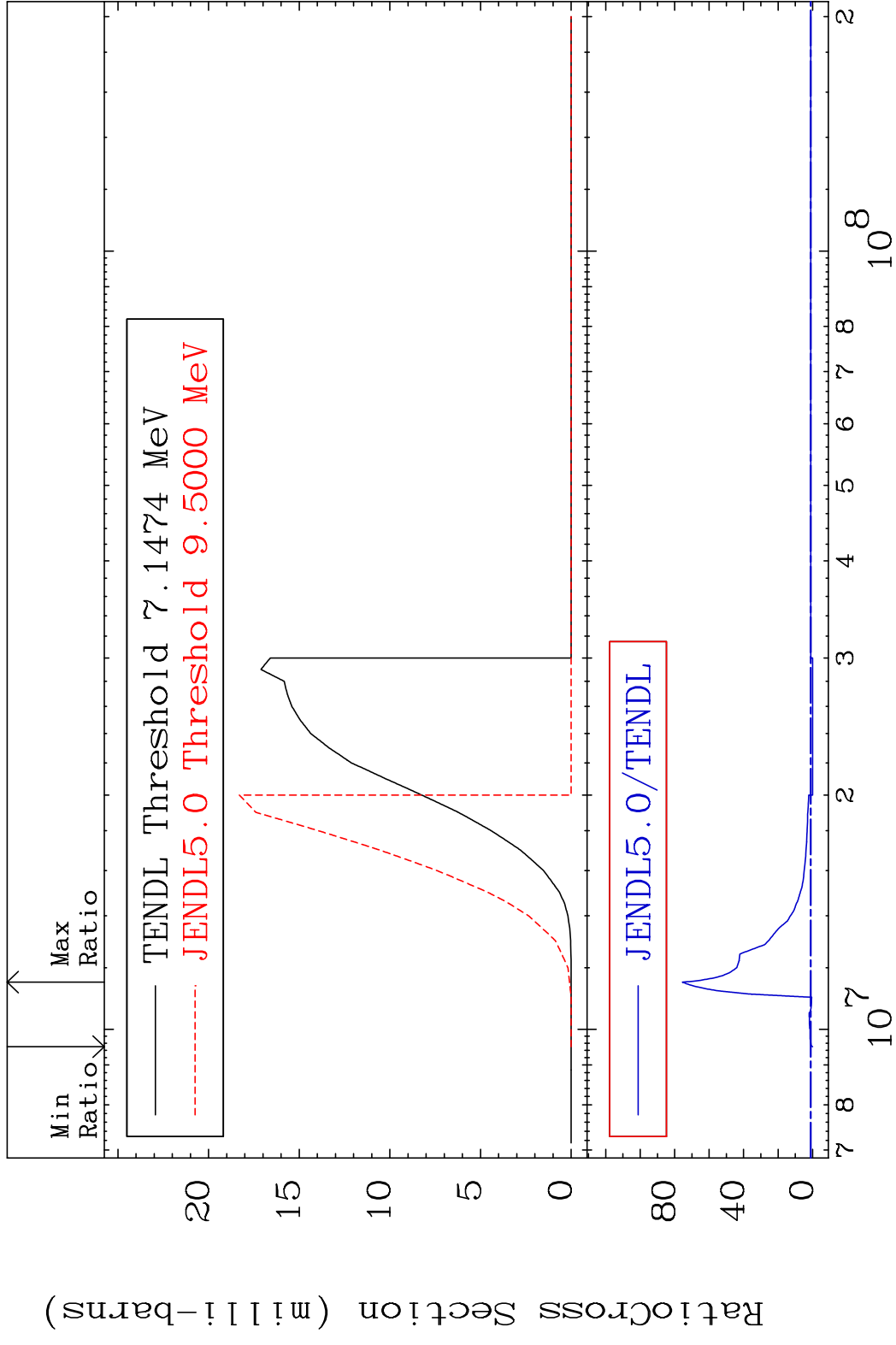
MAT 4237 (n, n') p:41-Nb-95m1 42-Mo-96  
 Radionuclide Production Cross Section Ratio 10.75 %











MAT 4237 (n, d) : 41-Nb-95m1 42-Mo-96  
 Radionuclide Production Cross Section 180.01 dth 2363. %

