

Program Complot  
(Version 2021-1)

by

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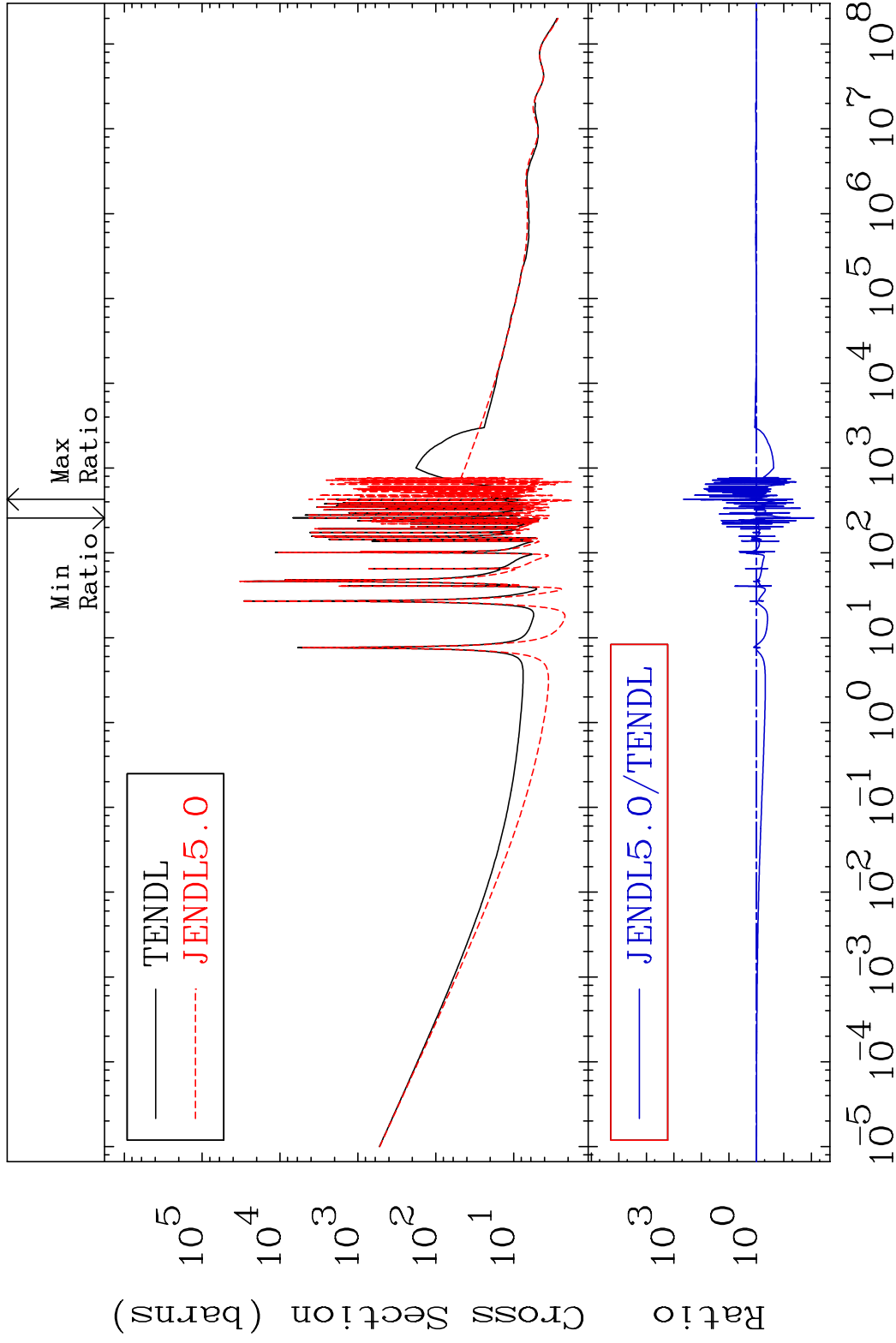
Press Mouse Button to Start

MAT 7434

Total

74-W -183

Cross Section -99.21 To 9999. %



1

Incident Energy (eV)

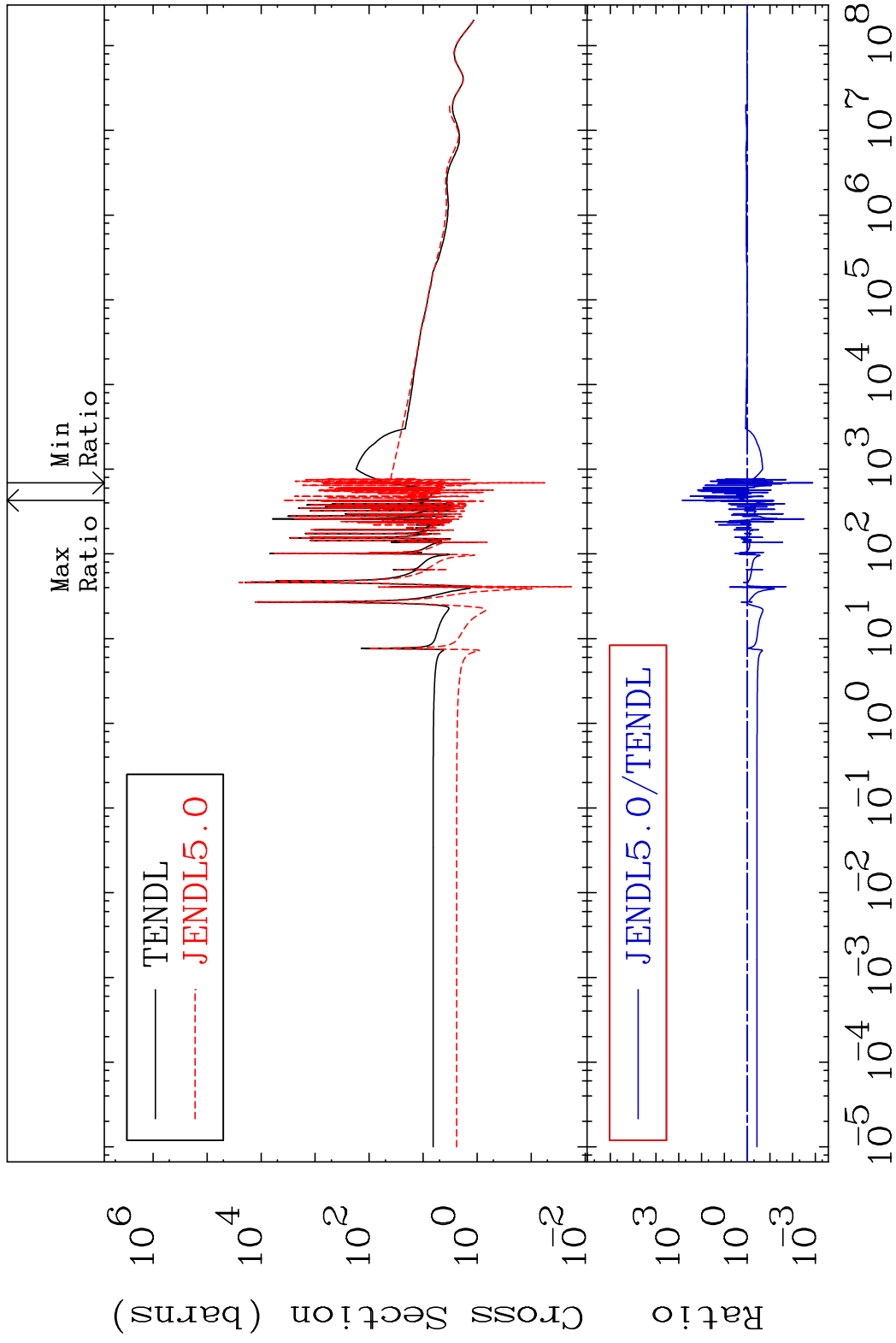
74-W -183

MAT 7434

Elastic

74-W -183

Cross Section -99.87 To 9999. %



2

Incident Energy (eV)

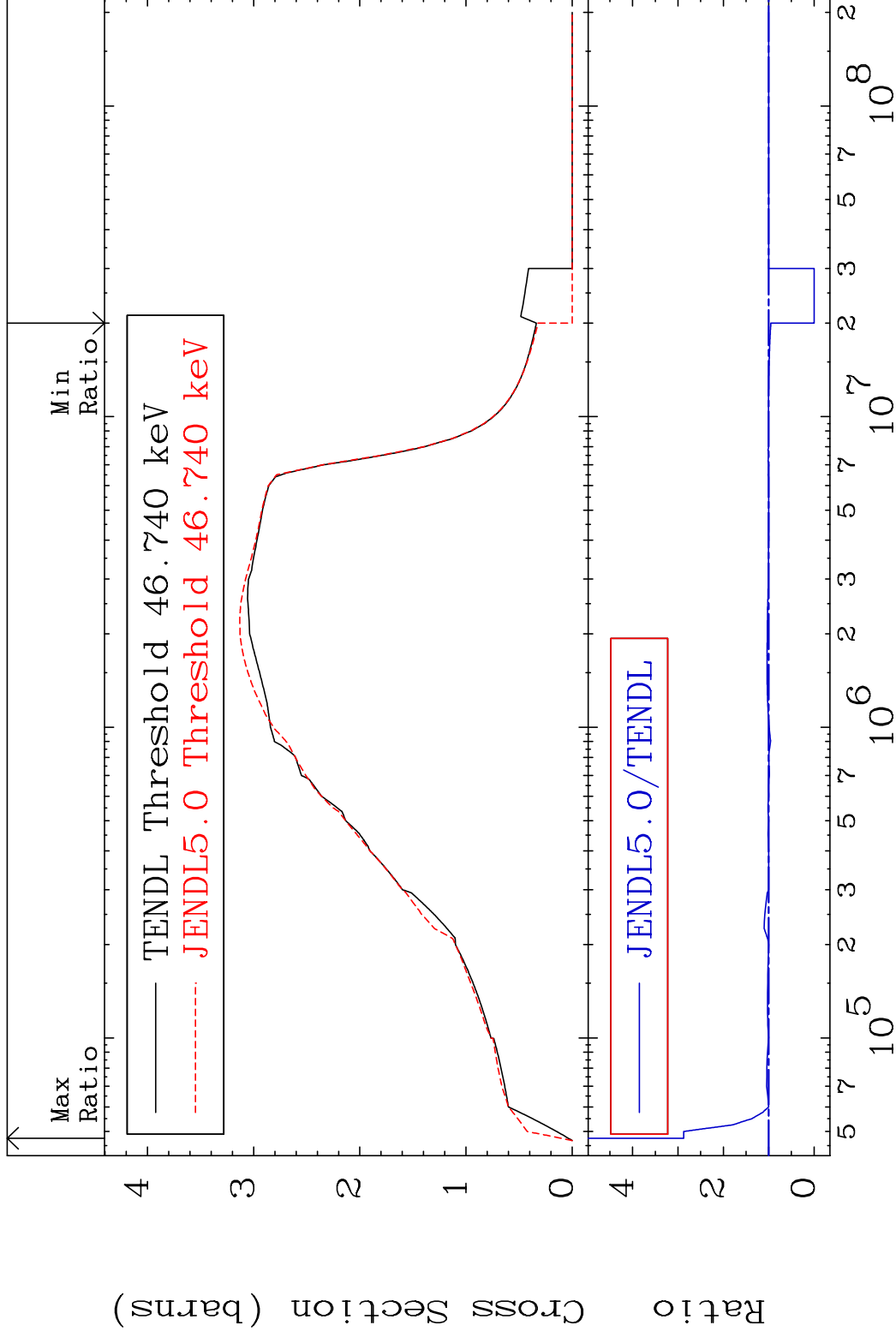
74-W -183

MAT 7434

Inelastic

74-W -183

Cross Section -100.0 To 187.5 %



3

Incident Energy (eV)

74-W -183

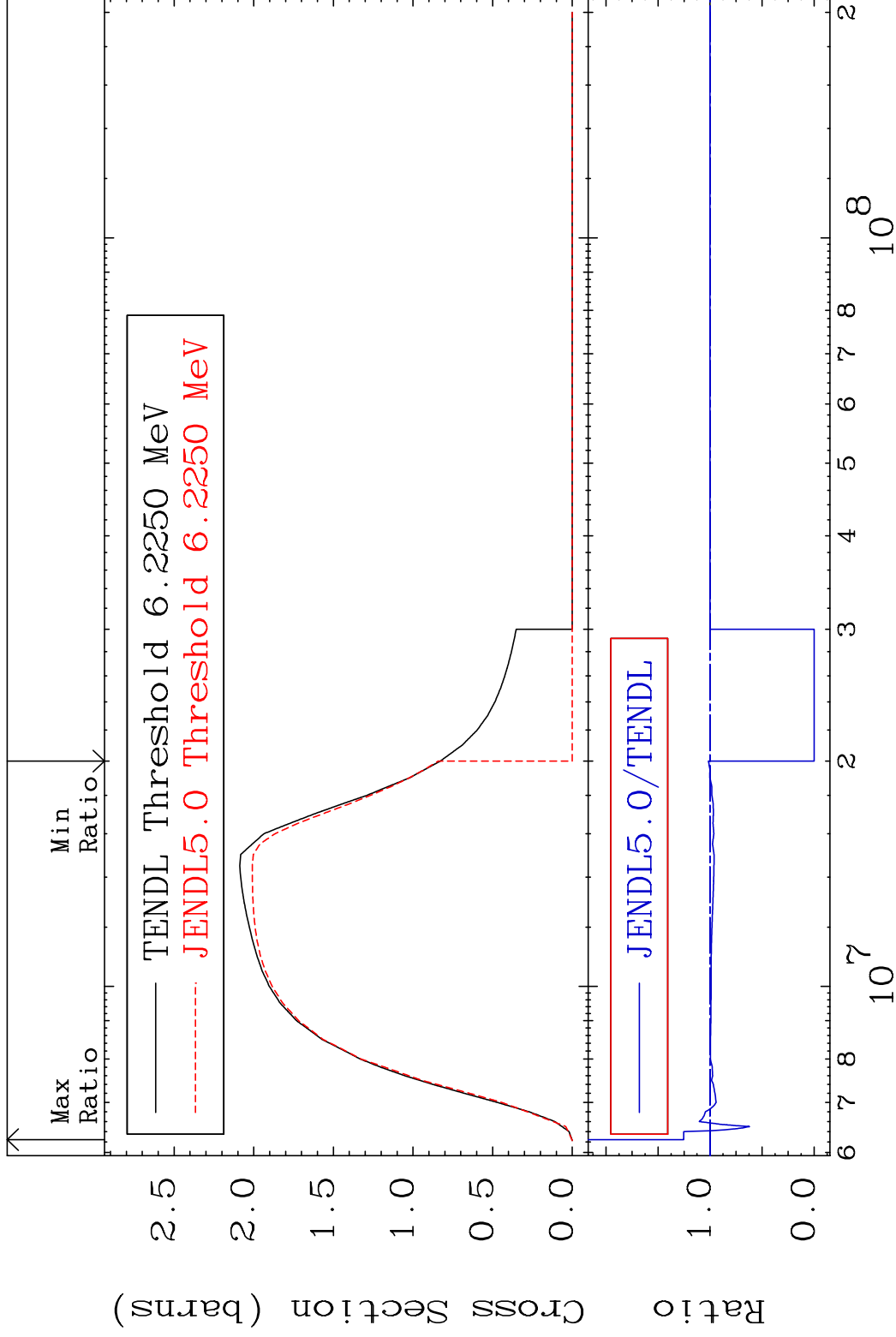


MAT 7434

(n,2n)

74-W -183

Cross Section -100.0 To 25.37 %



5

Incident Energy (eV)

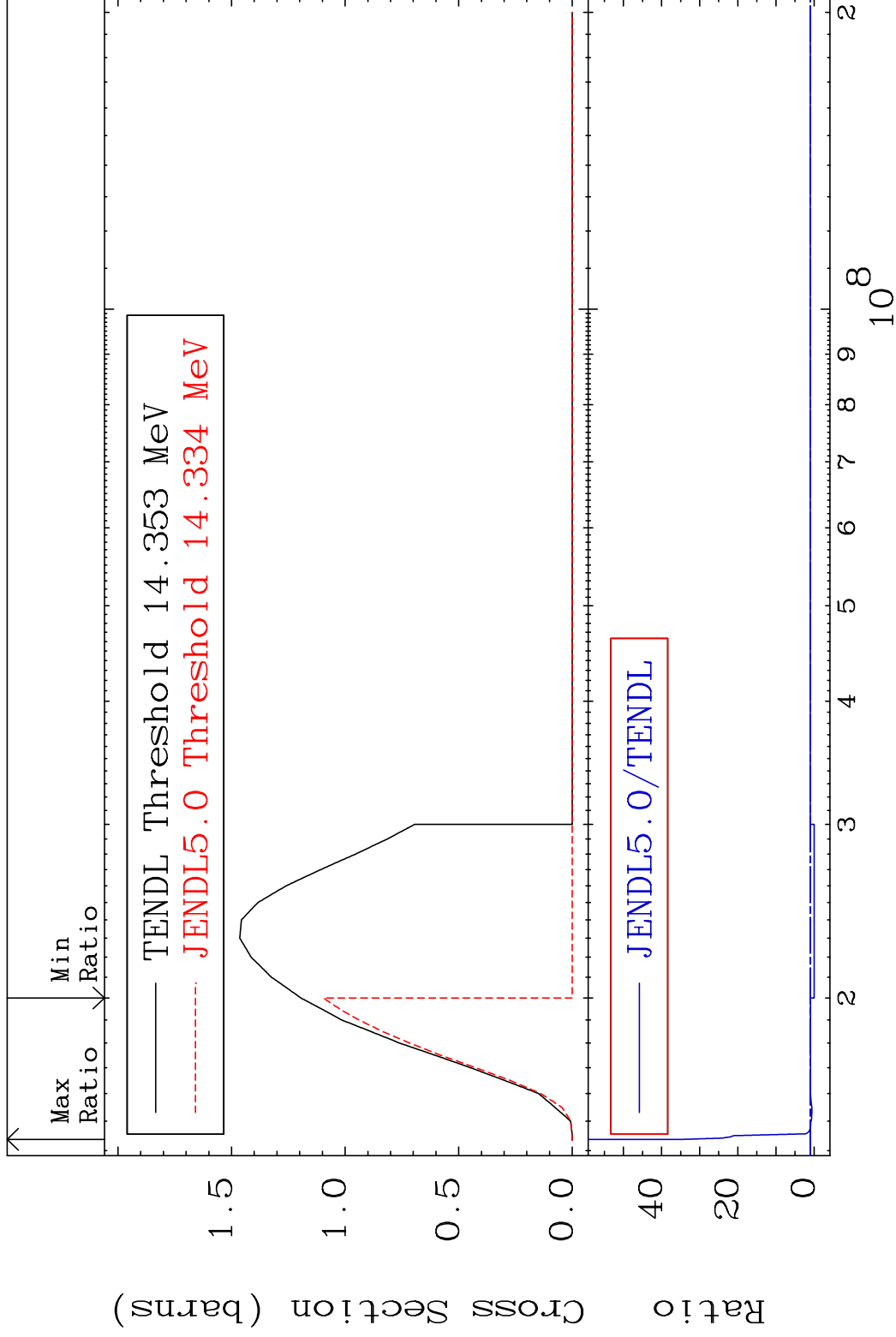
74-W -183

MAT 7434

(n,3n)

74-W -183

Cross Section -100.0 To 3320. %



6

Incident Energy (eV)

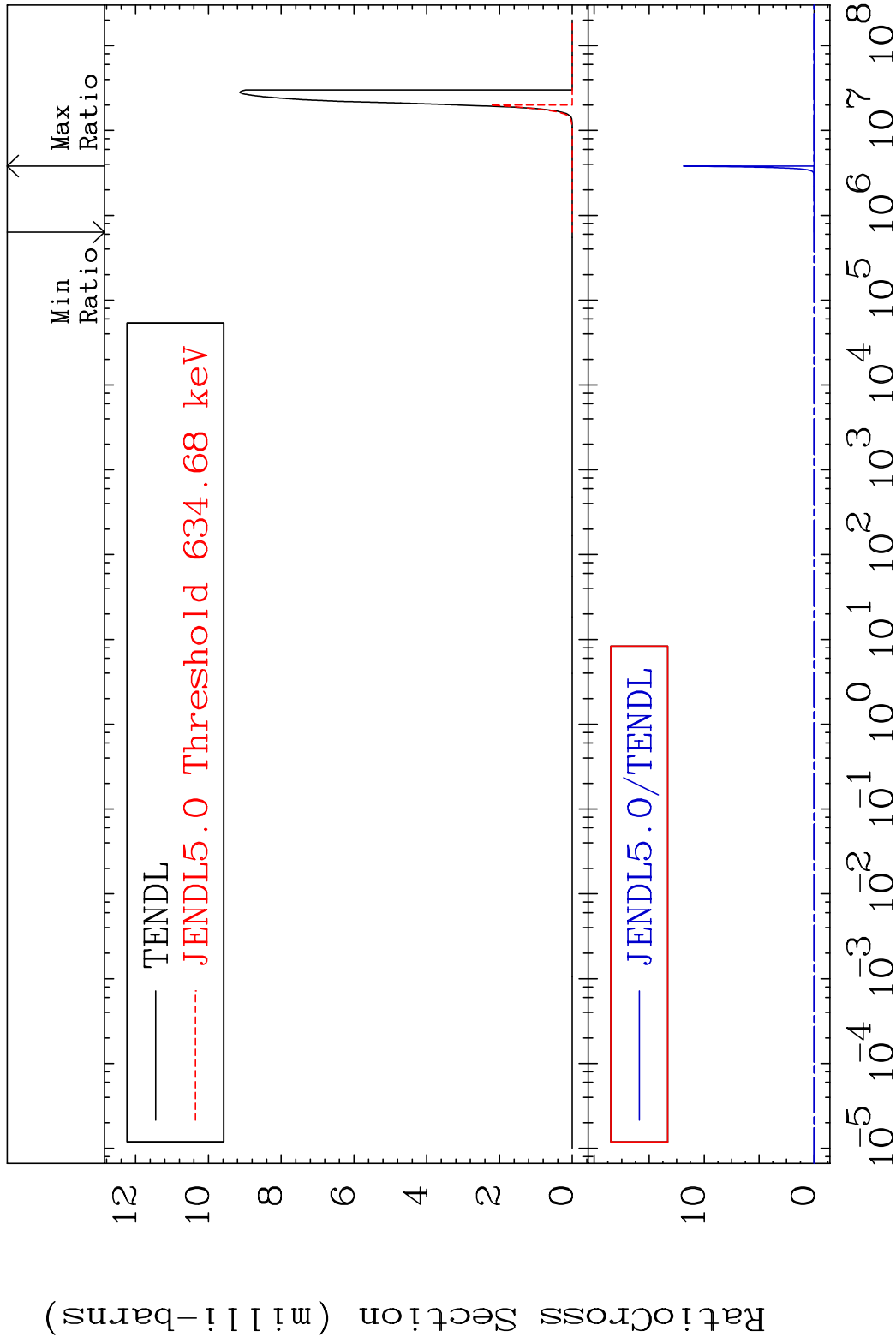
74-W -183

MAT 7434

(n, n')  $\alpha$

74-W -183

Cross Section -100.0 To 9999. %



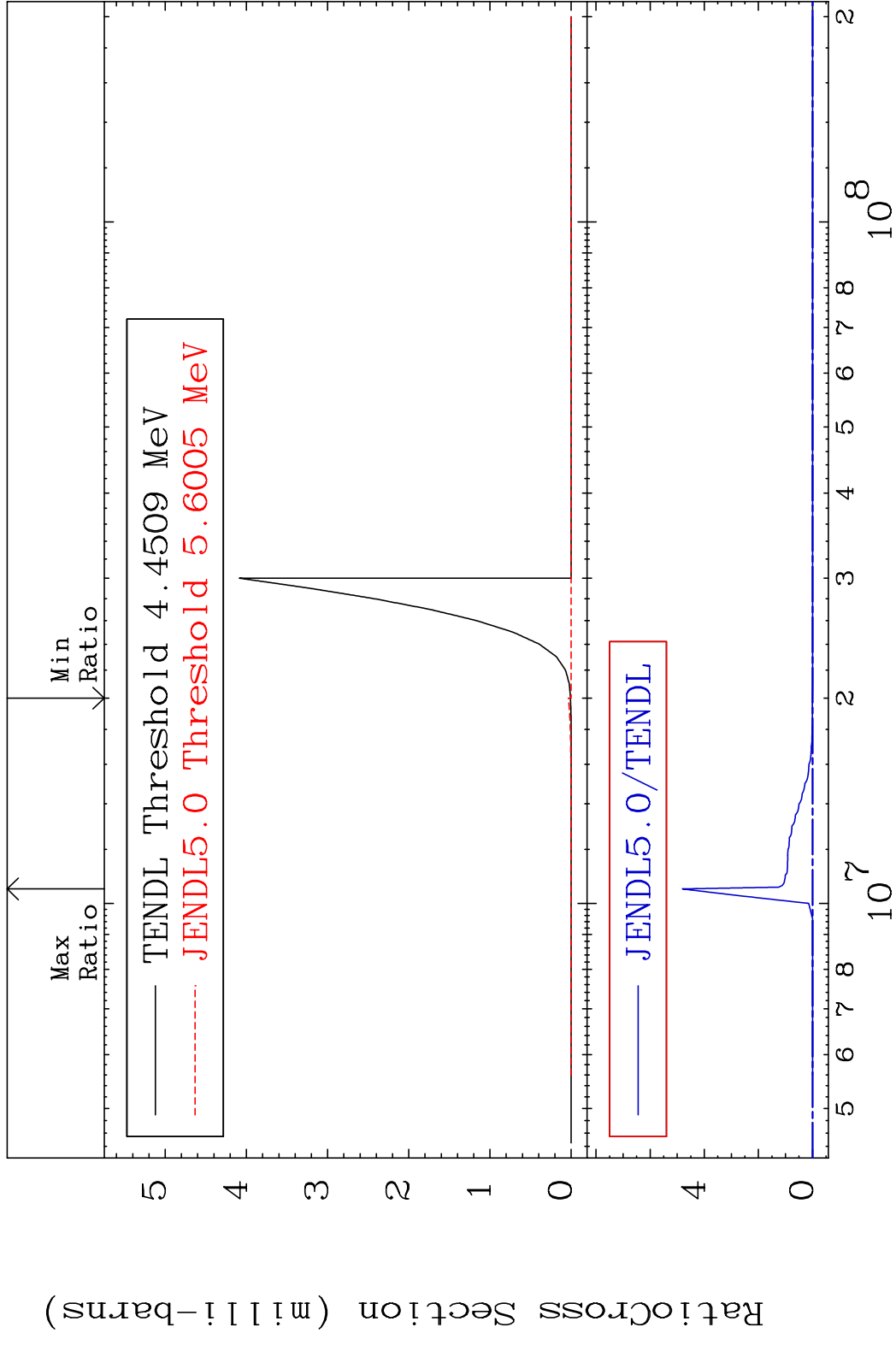
7

Incident Energy (eV)

74-W -183



MAT 7434 (n,2n)  $\alpha$  74-W -183  
 Cross Section -100.0 To 9999. %

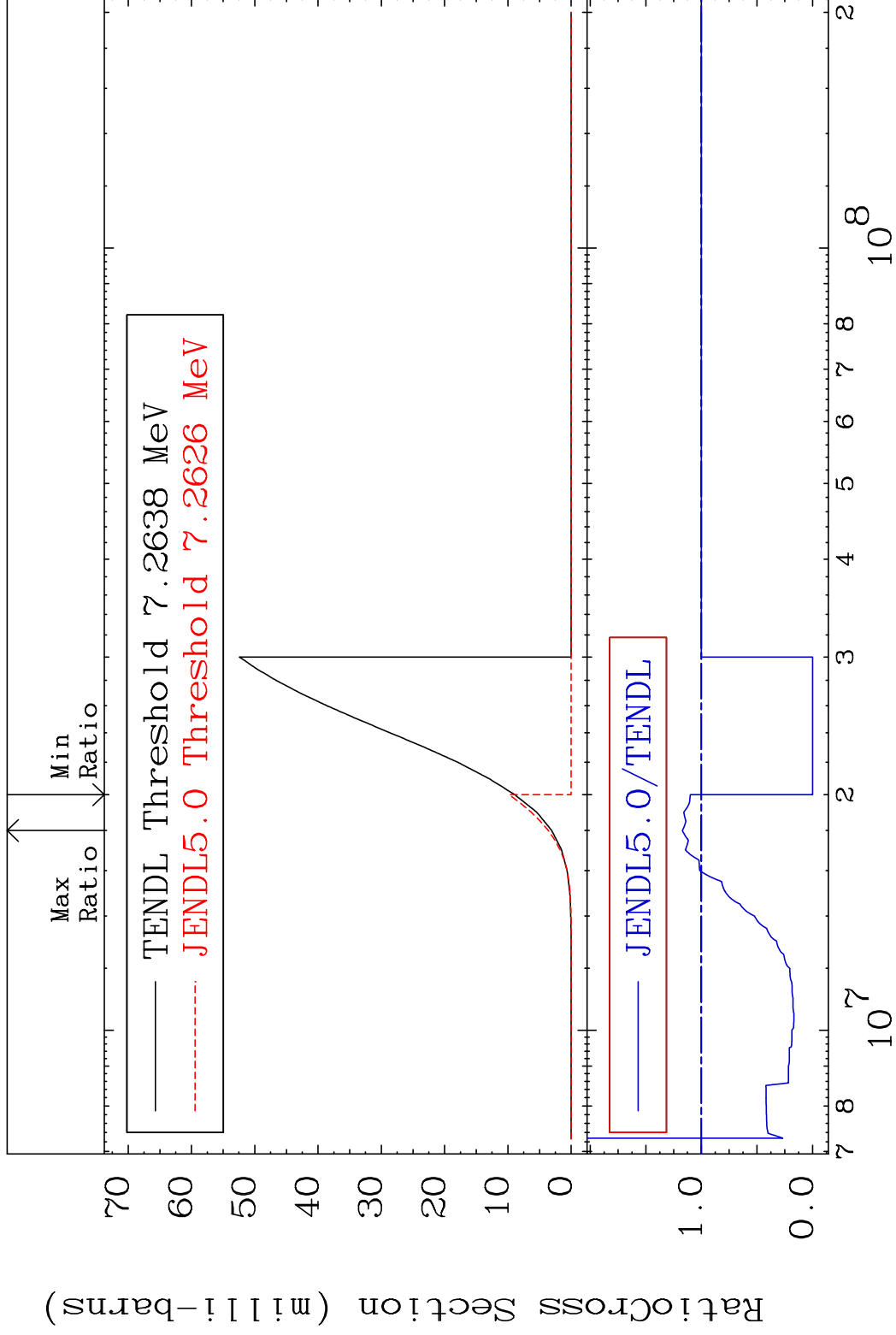


MAT 7434

(n, n') p

74-W -183

Cross Section -100.0 To 17.14 %



9

Incident Energy (eV)

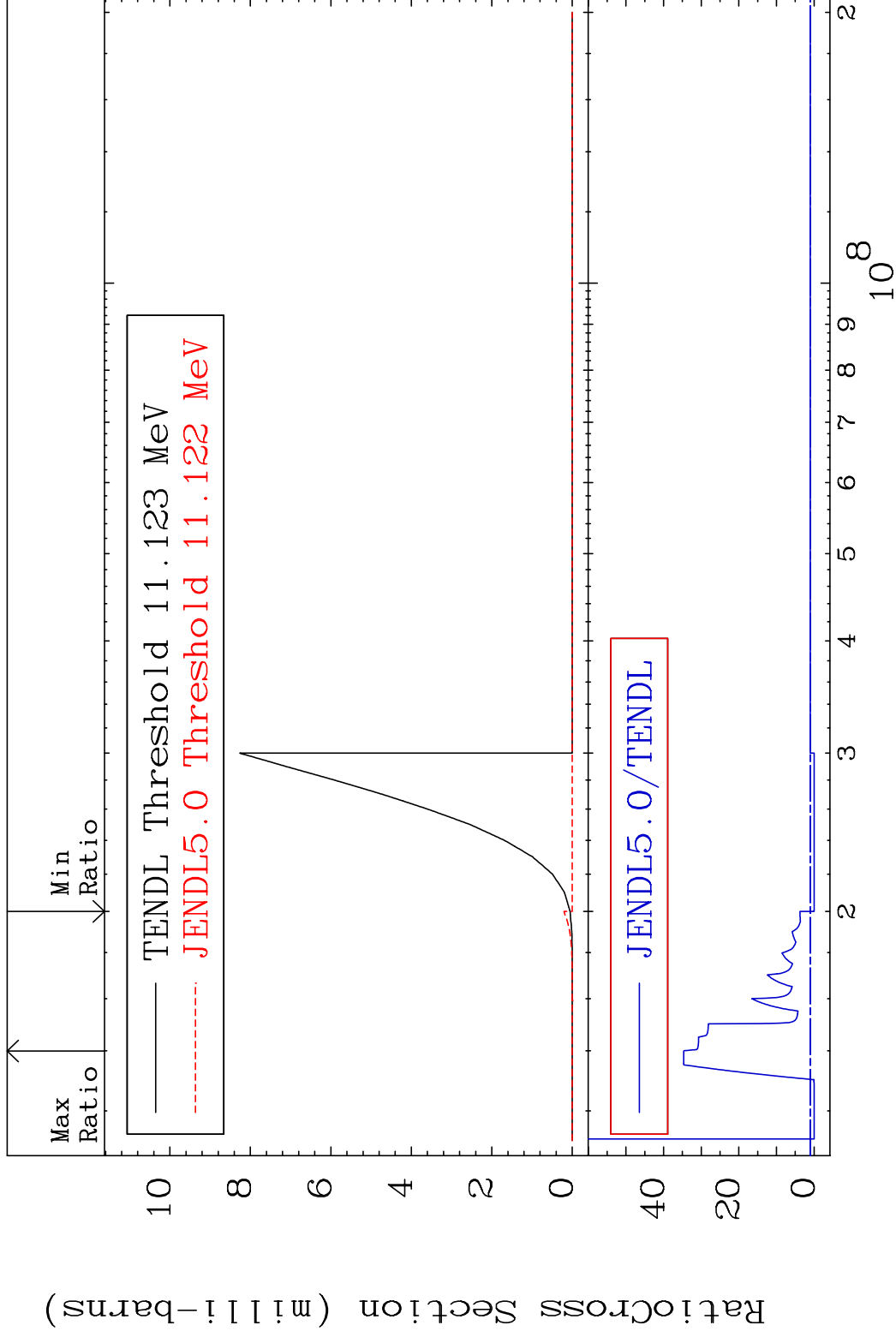
74-W -183

MAT 7434

(n, n') d

74-W -183

Cross Section -100.0 To 3367. %



10

Incident Energy (eV)

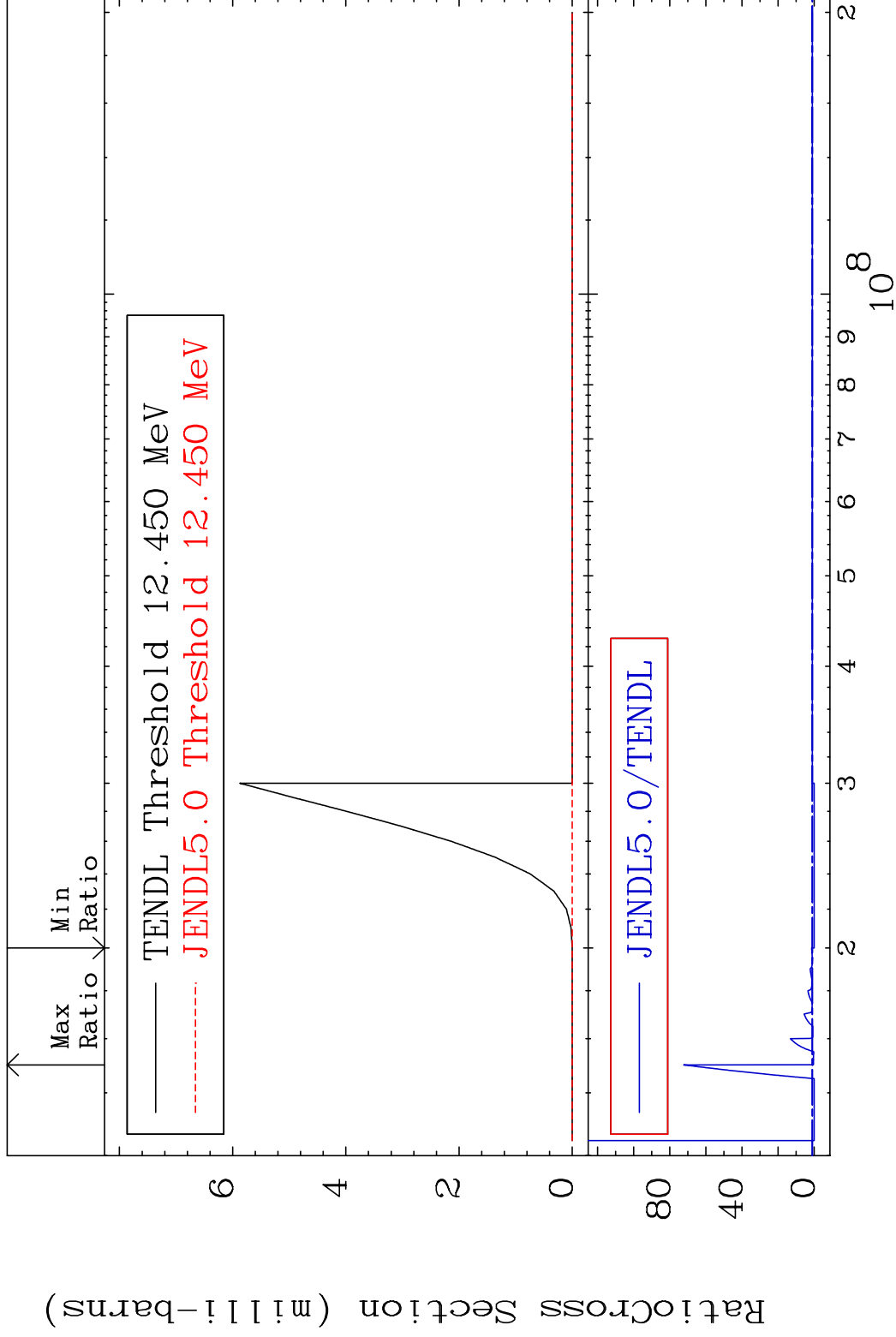
74-W -183

MAT 7434

(n, n') t

74-W -183

Cross Section -100.0 To 7128. %

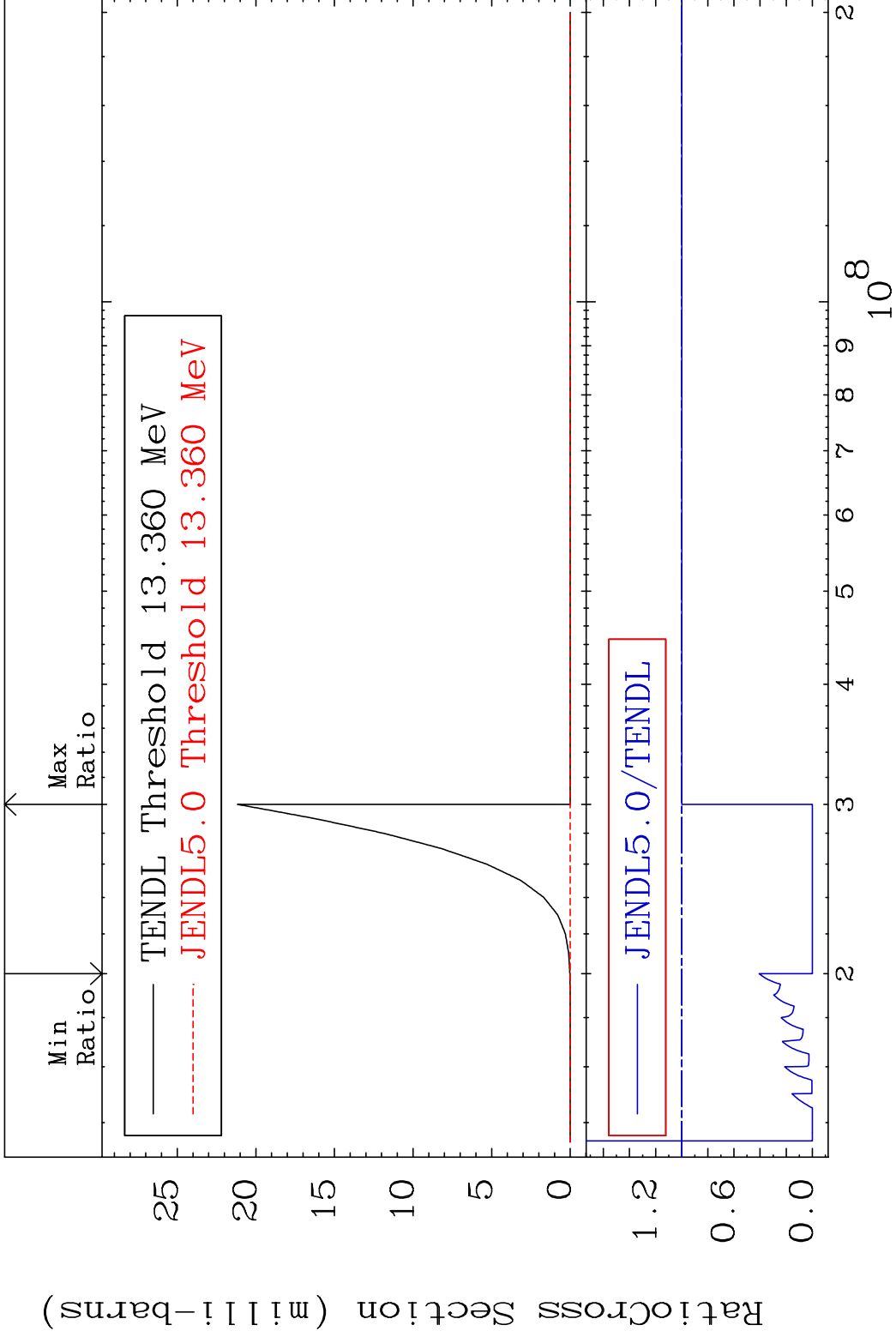


MAT 7434

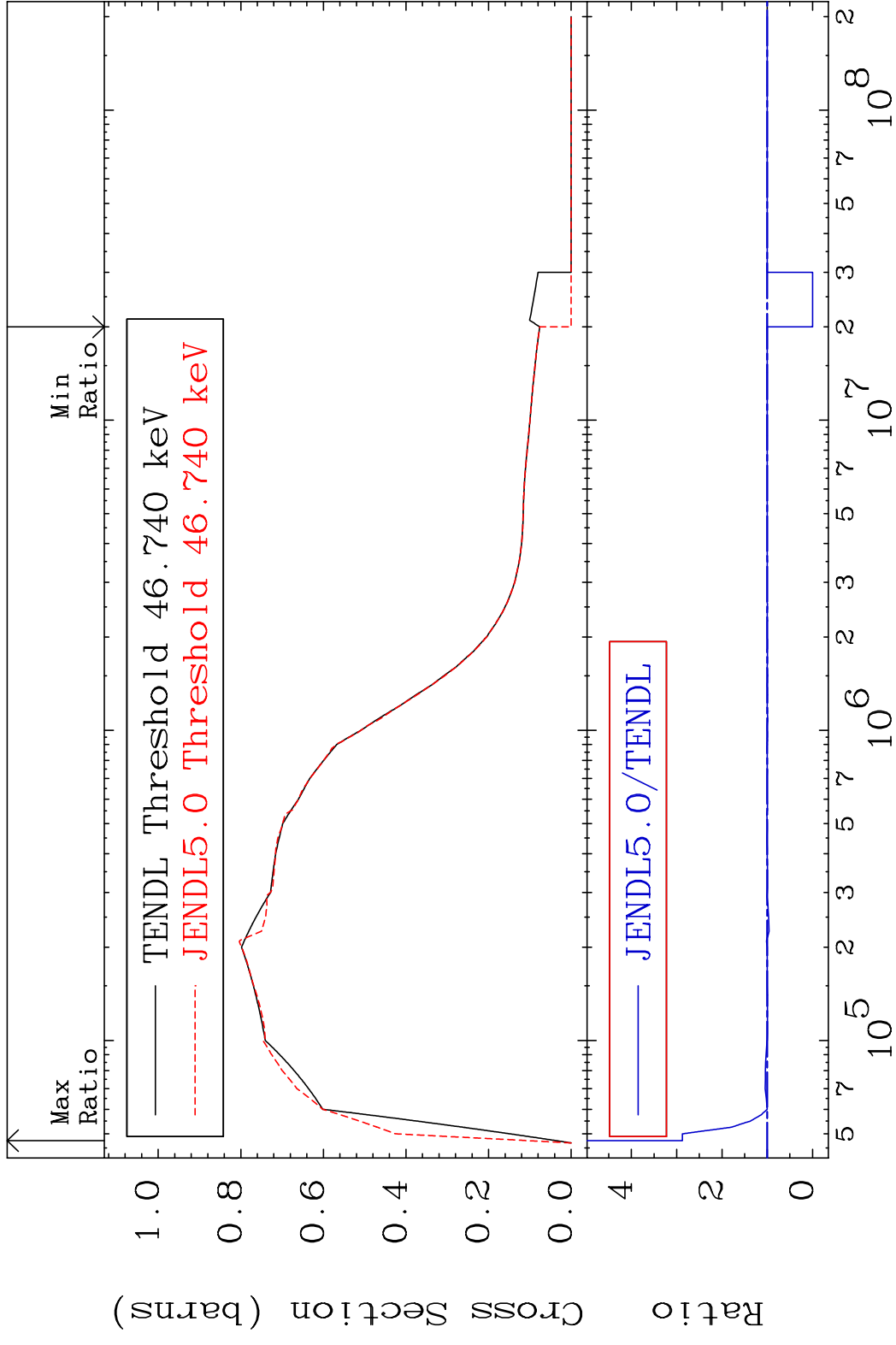
(n,2n) p

74-W -183

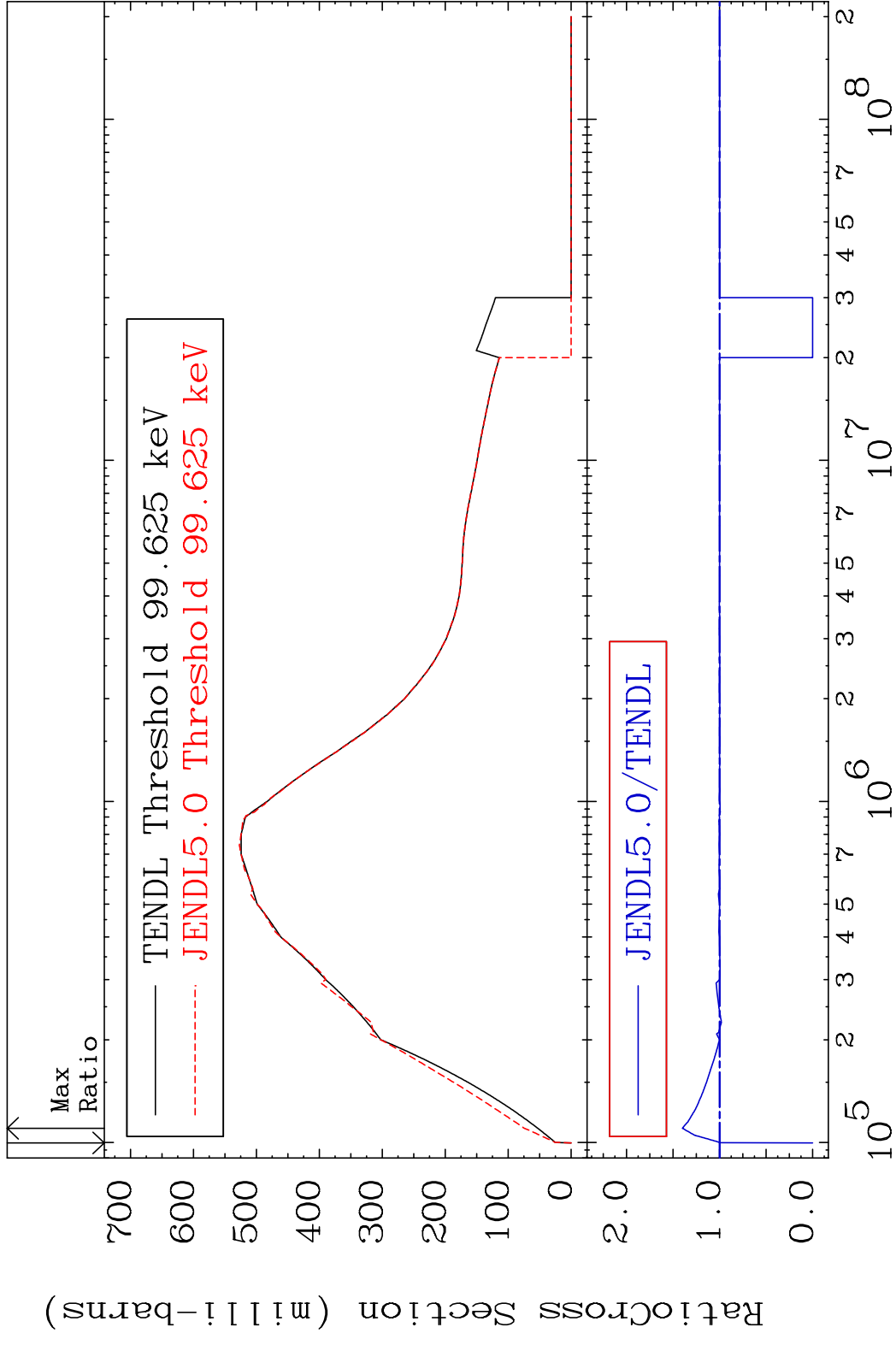
Cross Section -100.0 To 0.000 %



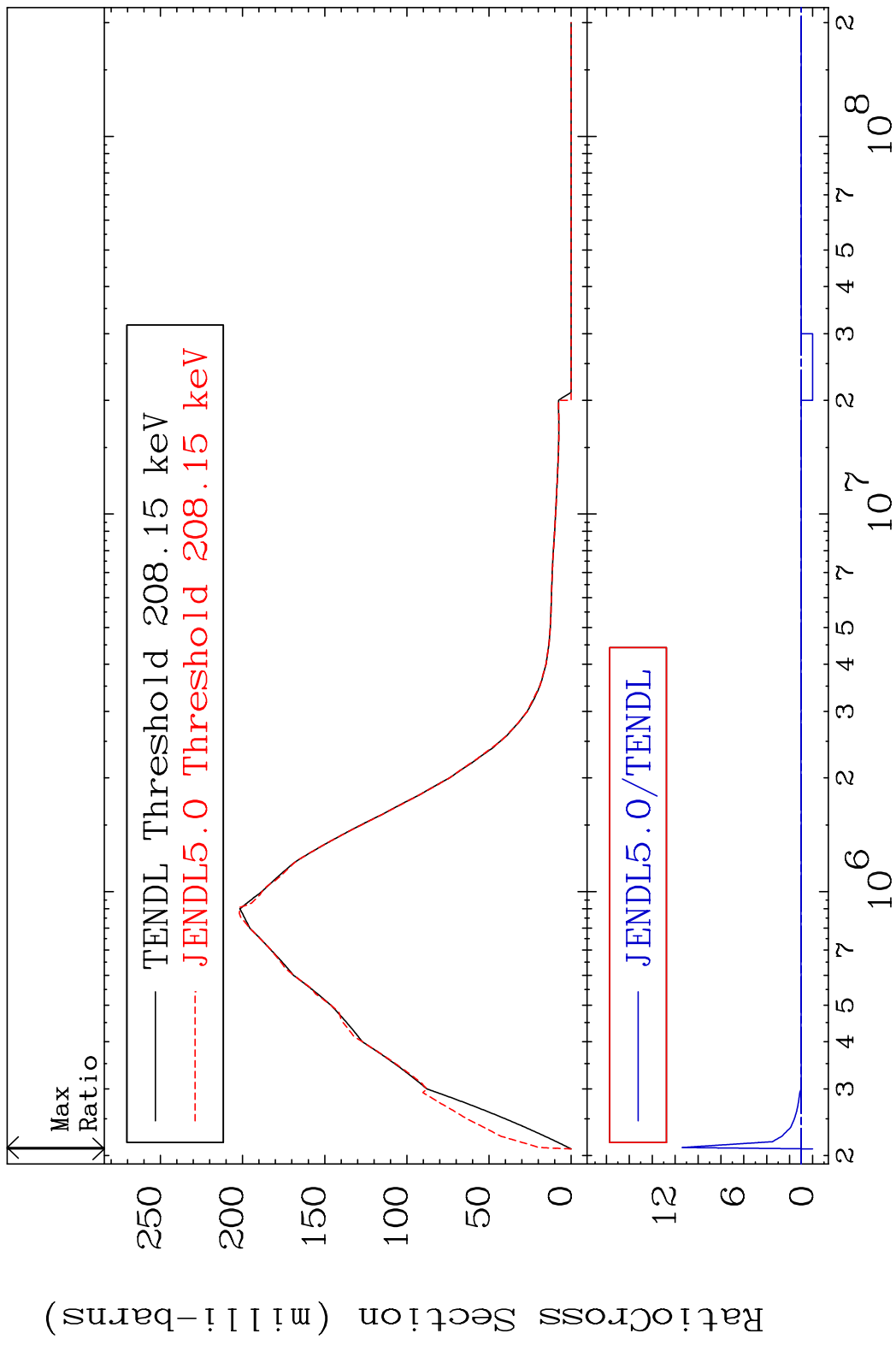
MAT 7434 MT= 51 (n,n') Level 74-W -183  
 Cross Section -100.0 To 187.5 %



MAT 7434 MT= 52 (n,n') Level 74-W -183  
 Cross Section -100.0 To 39.92 %



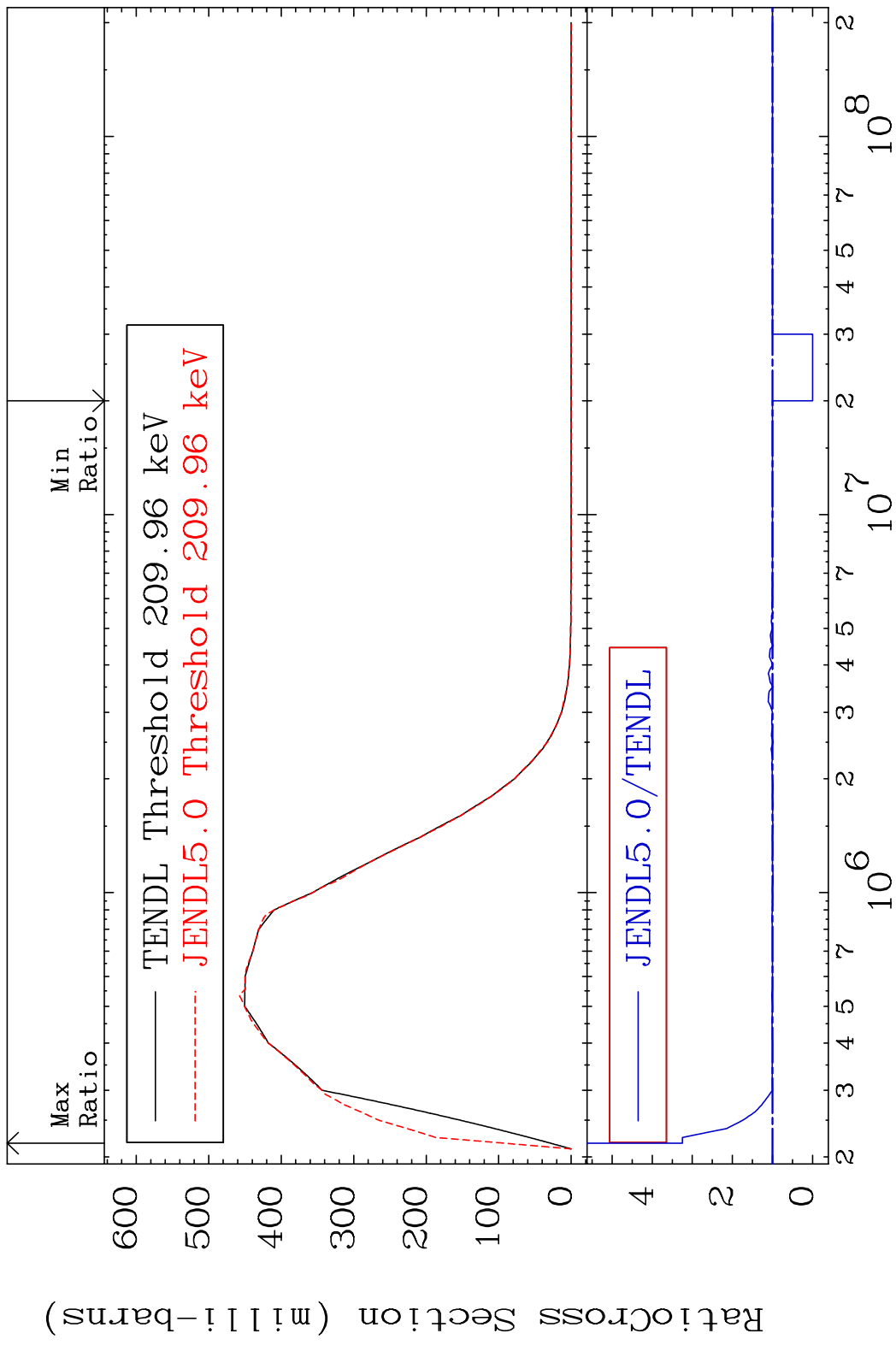
MAT 7434 MT= 53 (n,n') Level 74-W -183  
 Cross Section -100.0 To 1037. %



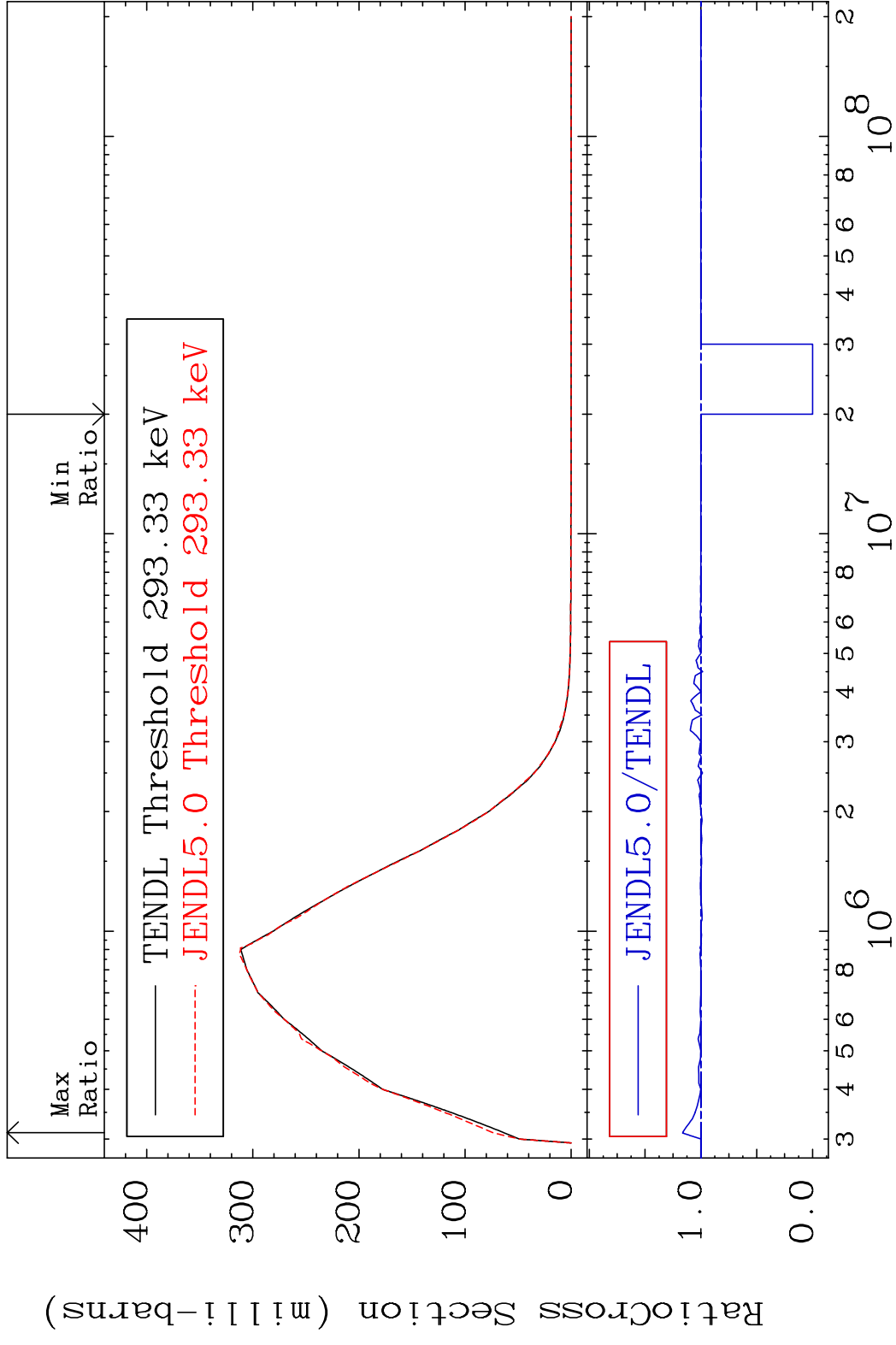
15 Incident Energy (eV) 74-W -183



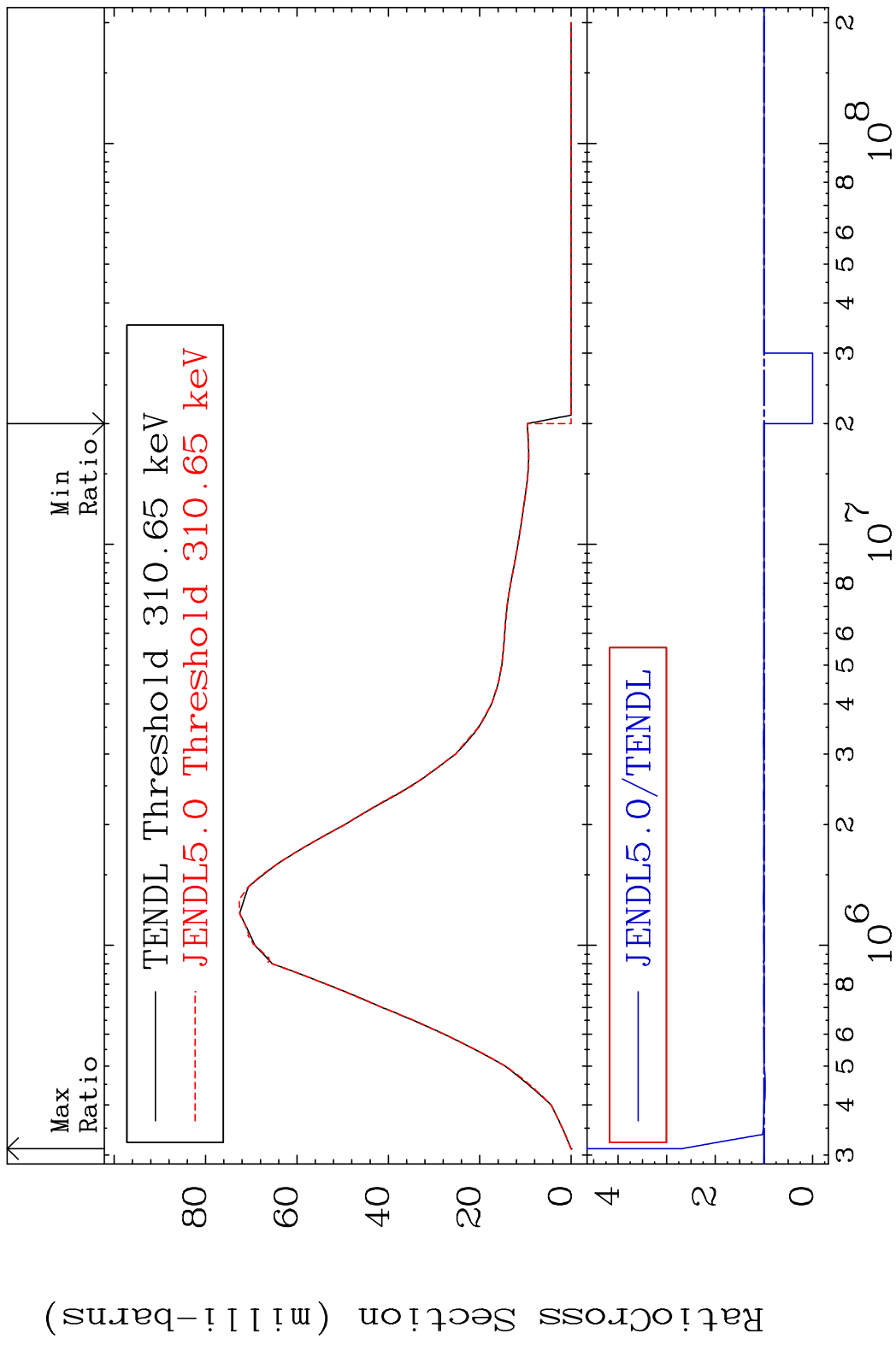
MAT 7434 MT= 54 (n,n') Level 74-W -183  
 Cross Section -100.0 To 224.8 %



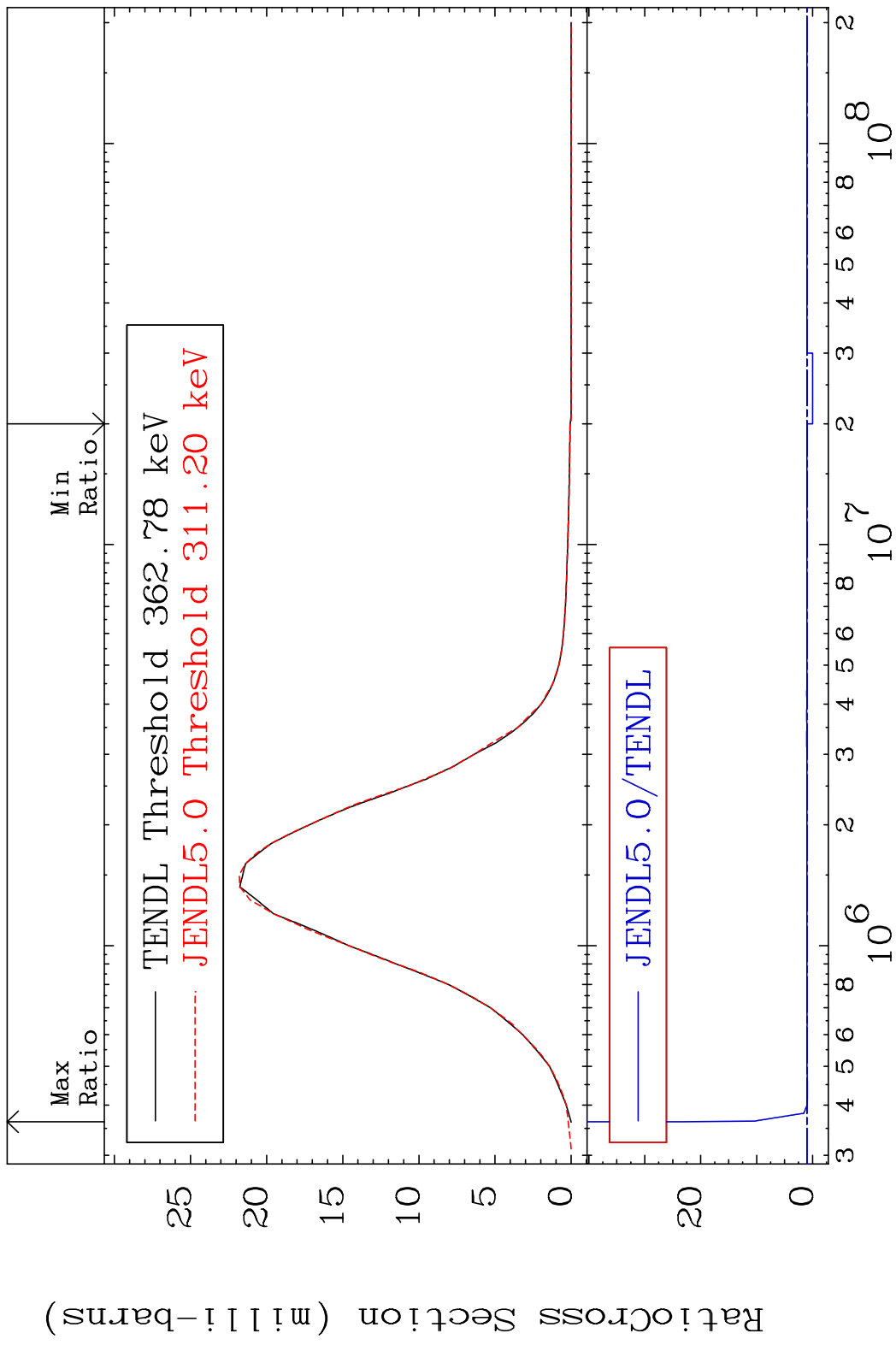
MAT 7434 MT= 55 (n, n') Level 74-W -183  
 Cross Section -100.0 To 16.62 %



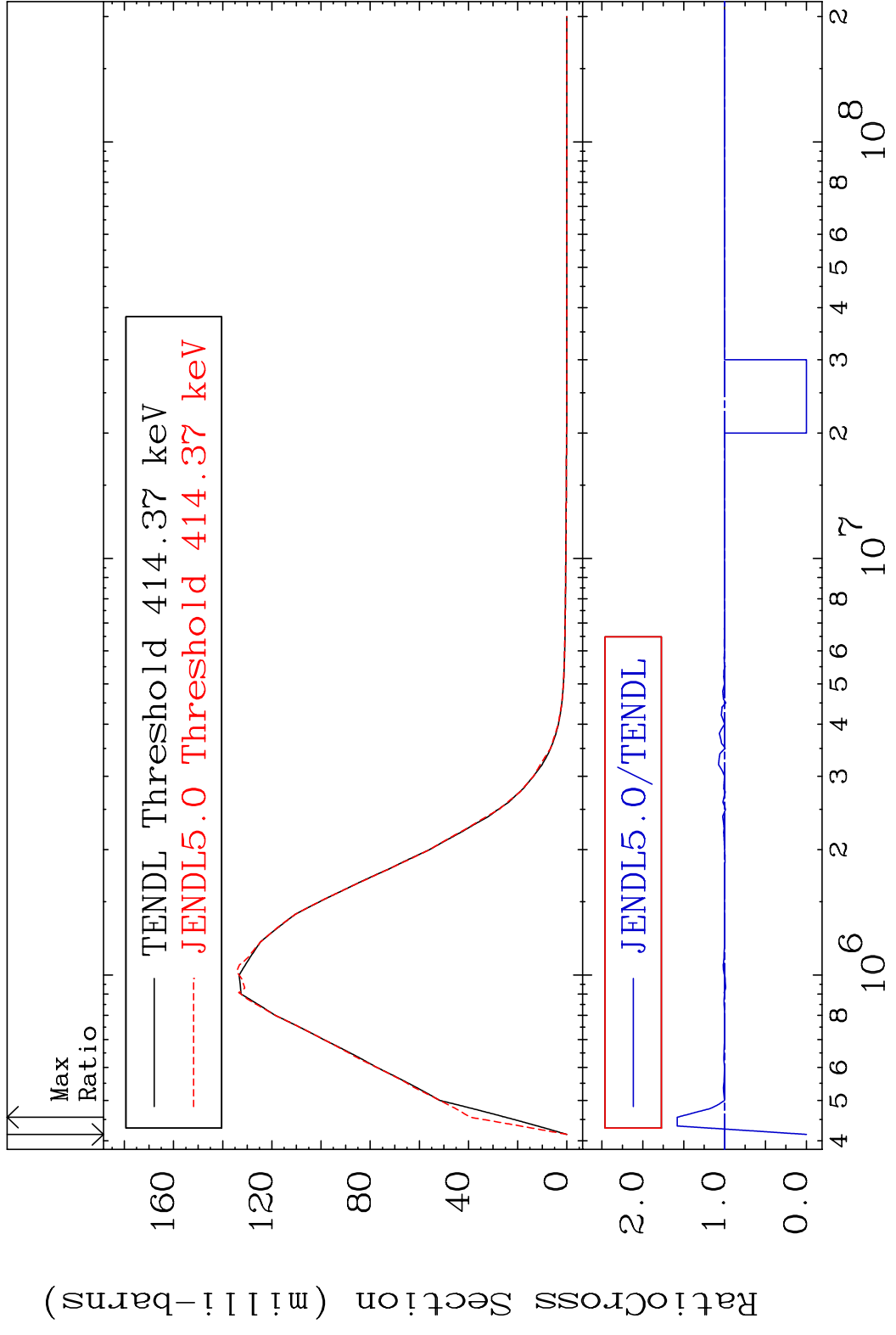
MAT 7434 MT= 56 (n,n') Level 74-W -183  
 Cross Section -100.0 To 167.8 %



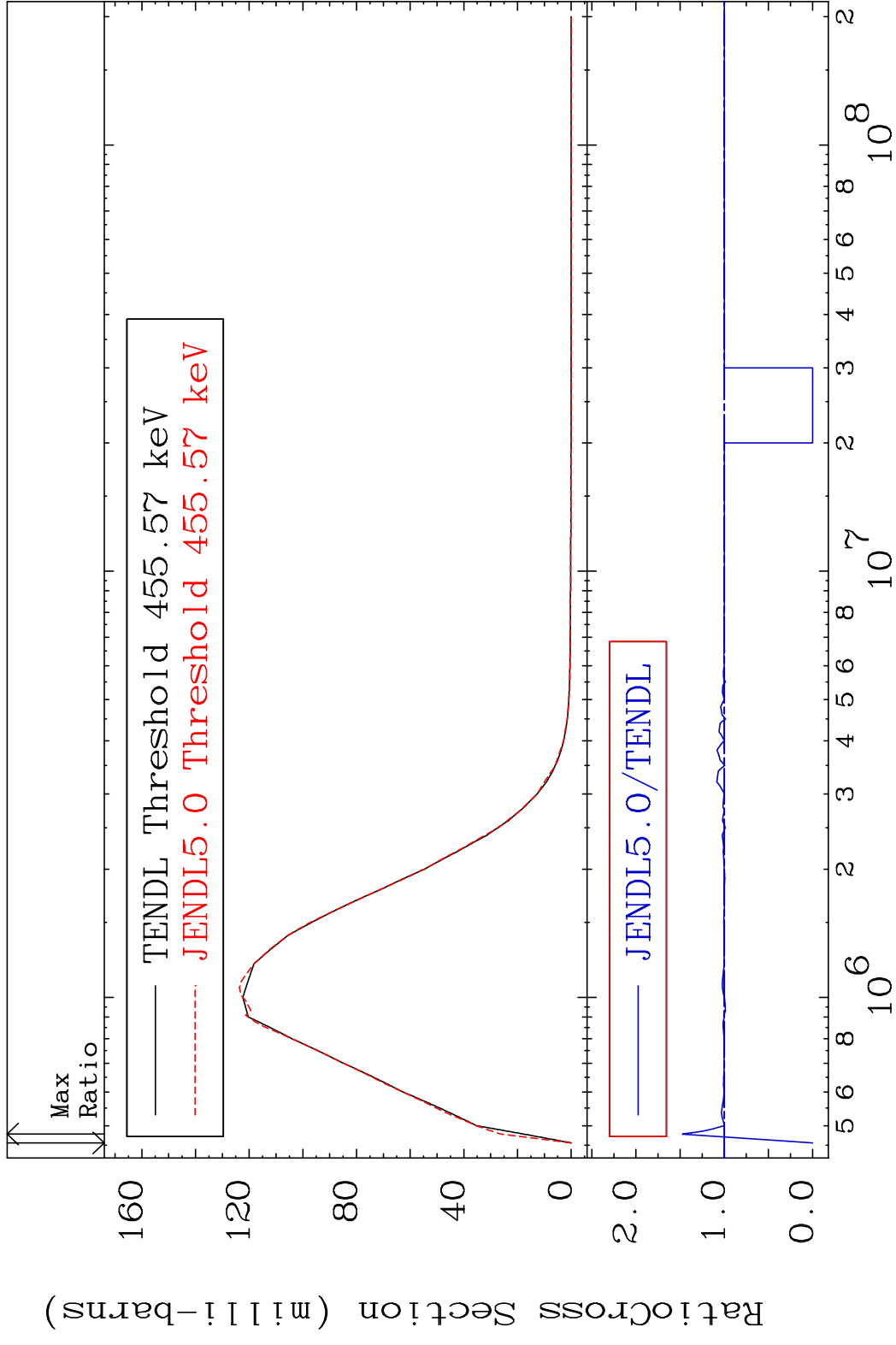
MAT 7434 MT= 57 (n,n') Level 74-W -183  
 Cross Section -100.0 To 2228. %



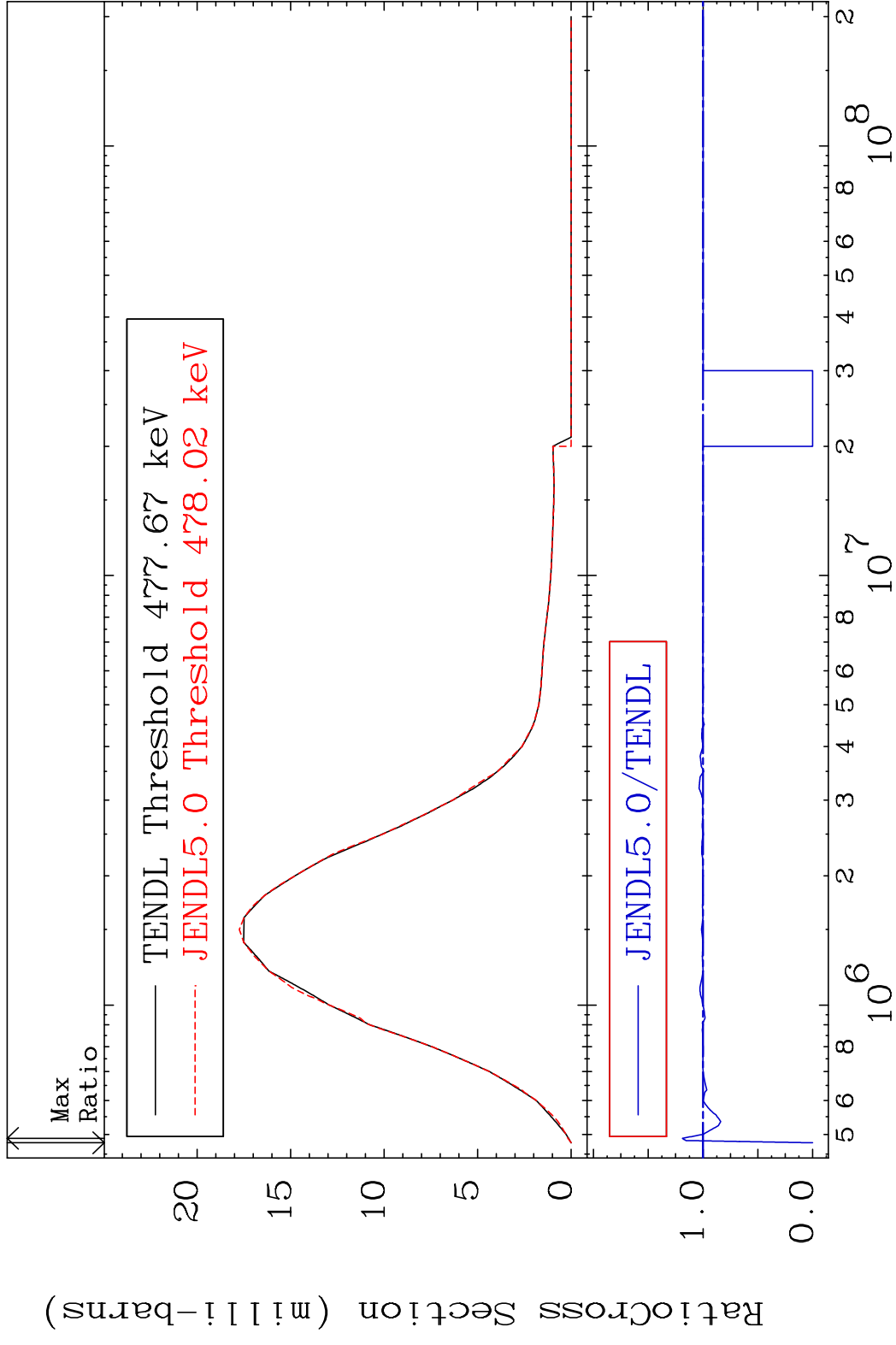
MAT 7434 MT= 58 (n,n') Level 74-W -183  
 Cross Section -100.0 To 57.96 %



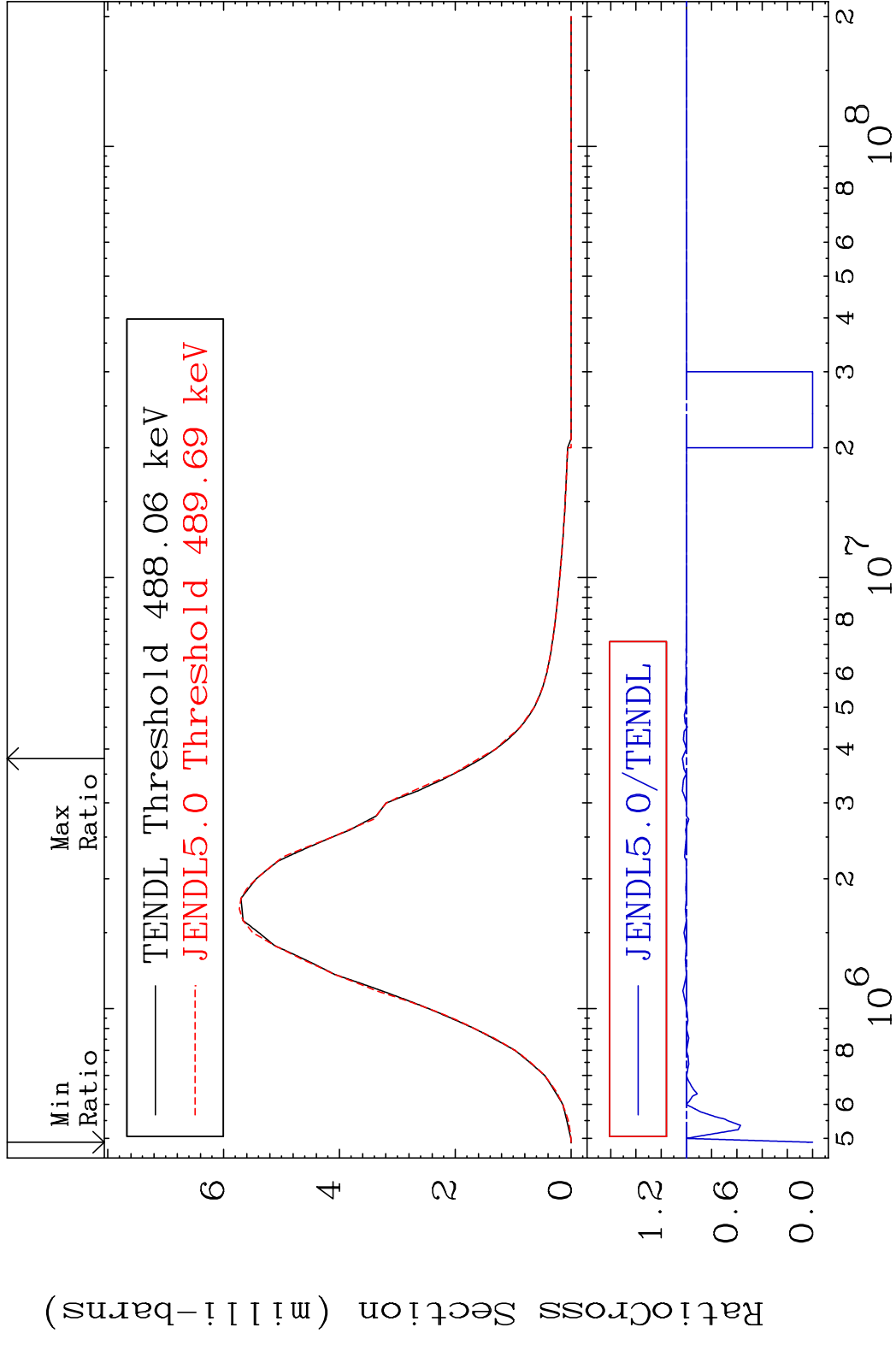
MAT 7434 MT= 59 (n,n') Level 74-W -183  
 Cross Section -100.0 To 47.45 %



MAT 7434 MT= 60 (n, n') Level 74-W -183  
 Cross Section -100.0 To 18.89 %

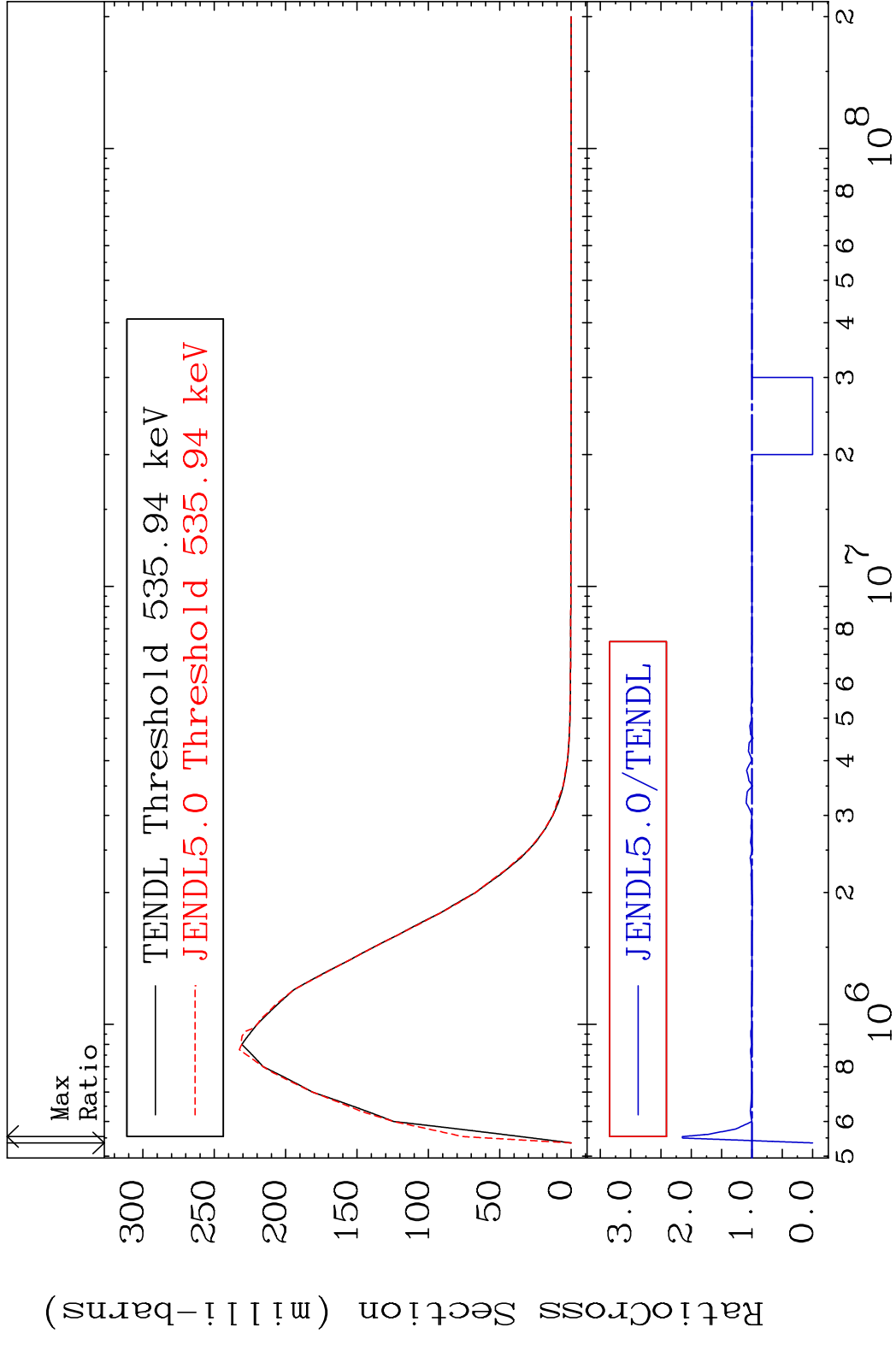


MAT 7434 MT= 61 (n, n') Level 74-W -183  
 Cross Section -100.0 To 3.229 %

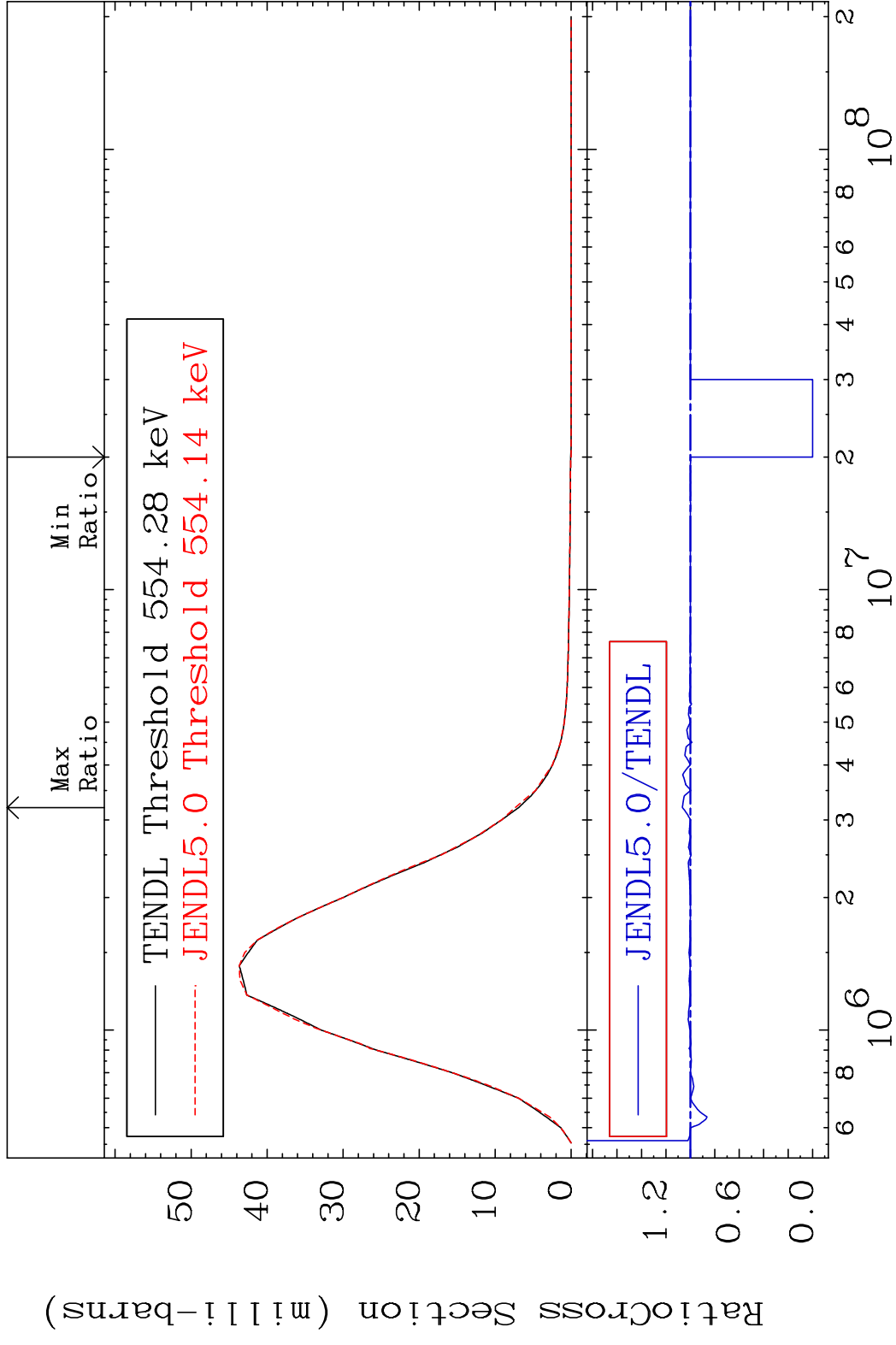




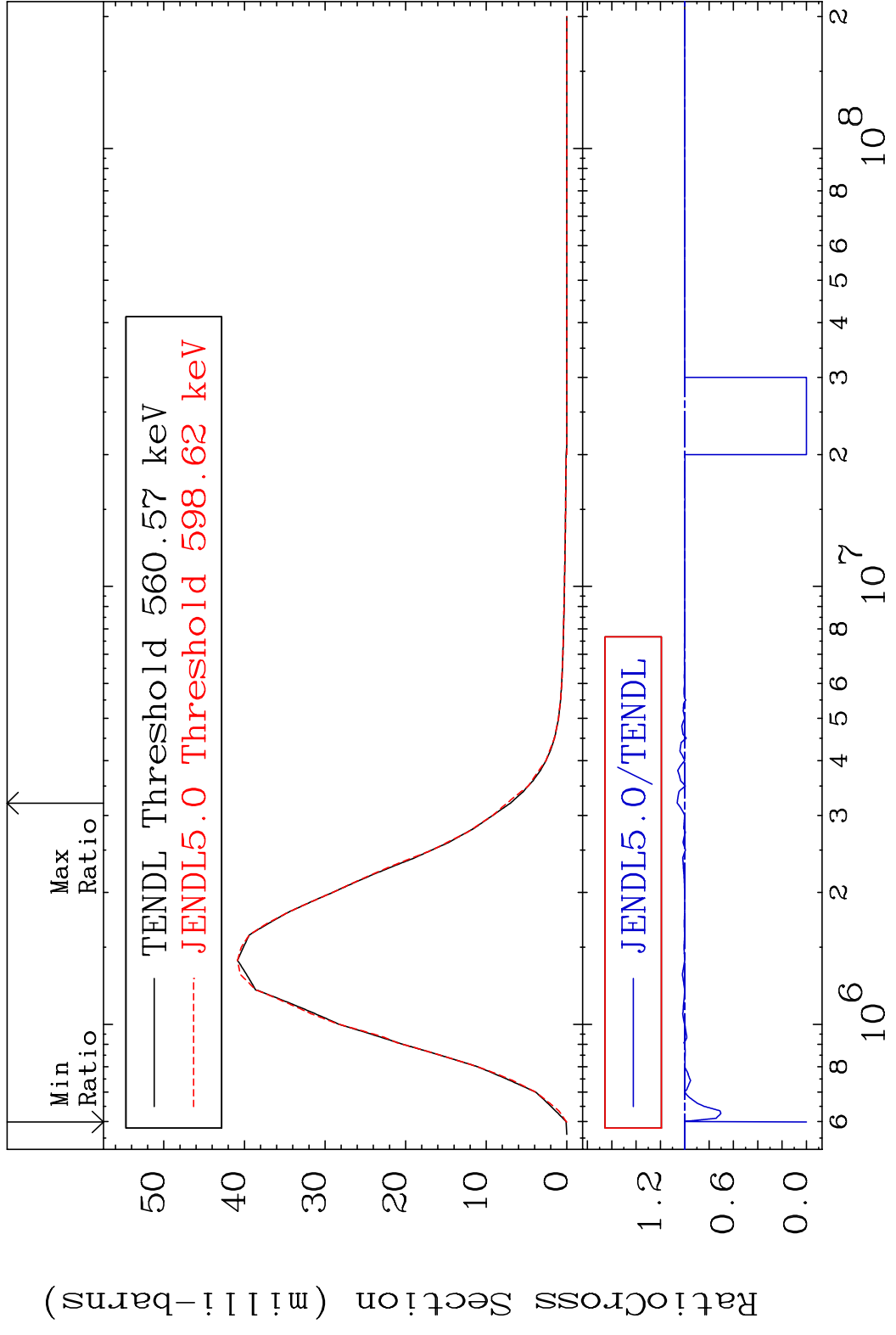
MAT 7434 MT= 62 (n, n') Level 74-W -183  
 Cross Section -100.0 To 114.7 %



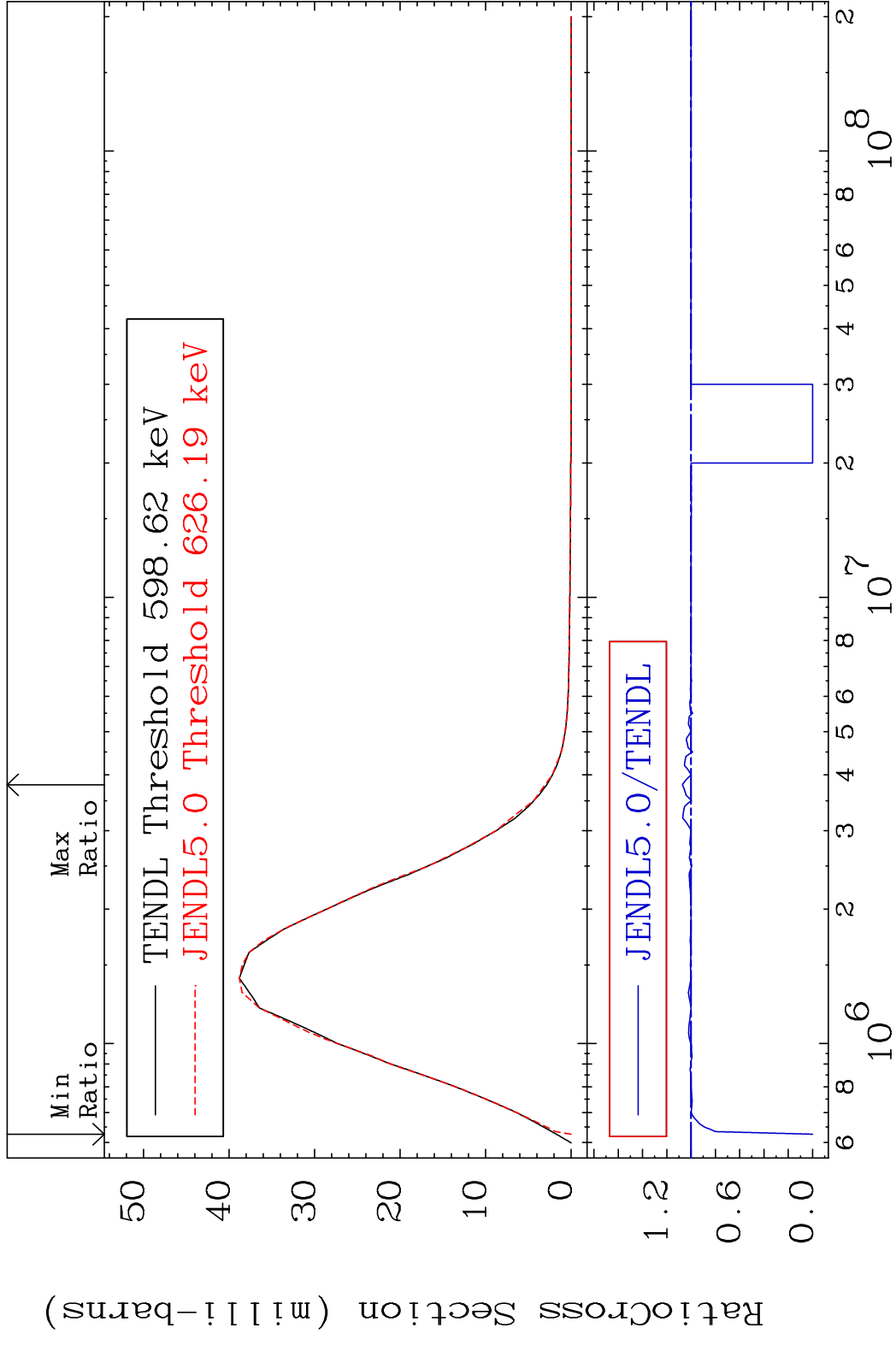
MAT 7434 MT= 63 (n, n') Level 74-W -183  
 Cross Section -100.0 To 6.554 %



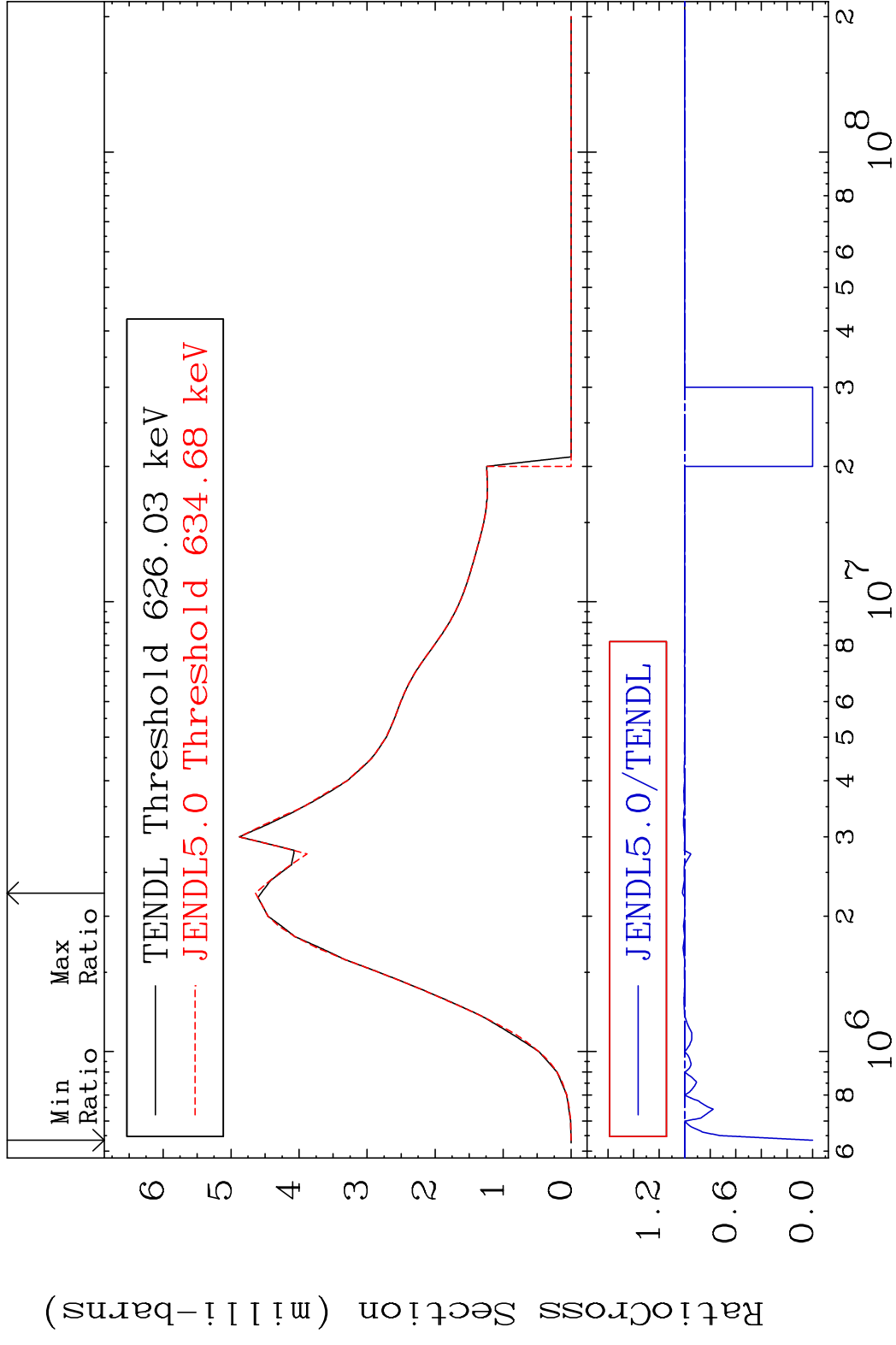
MAT 7434 MT= 64 (n,n') Level 74-W -183  
 Cross Section -100.0 To 6.206 %



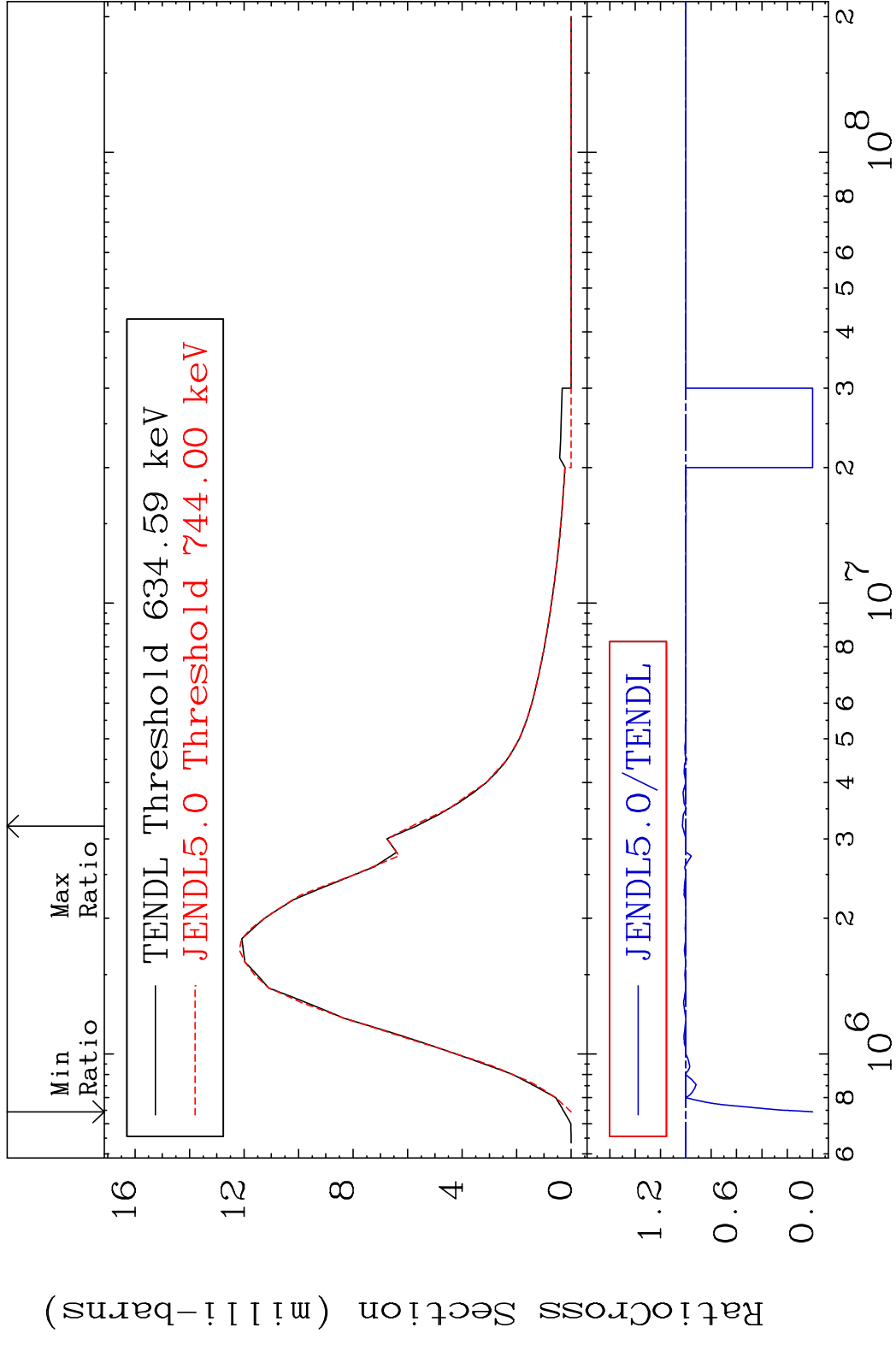
MAT 7434 MT= 65 (n, n') Level 74-W -183  
 Cross Section -100.0 To 7.205 %



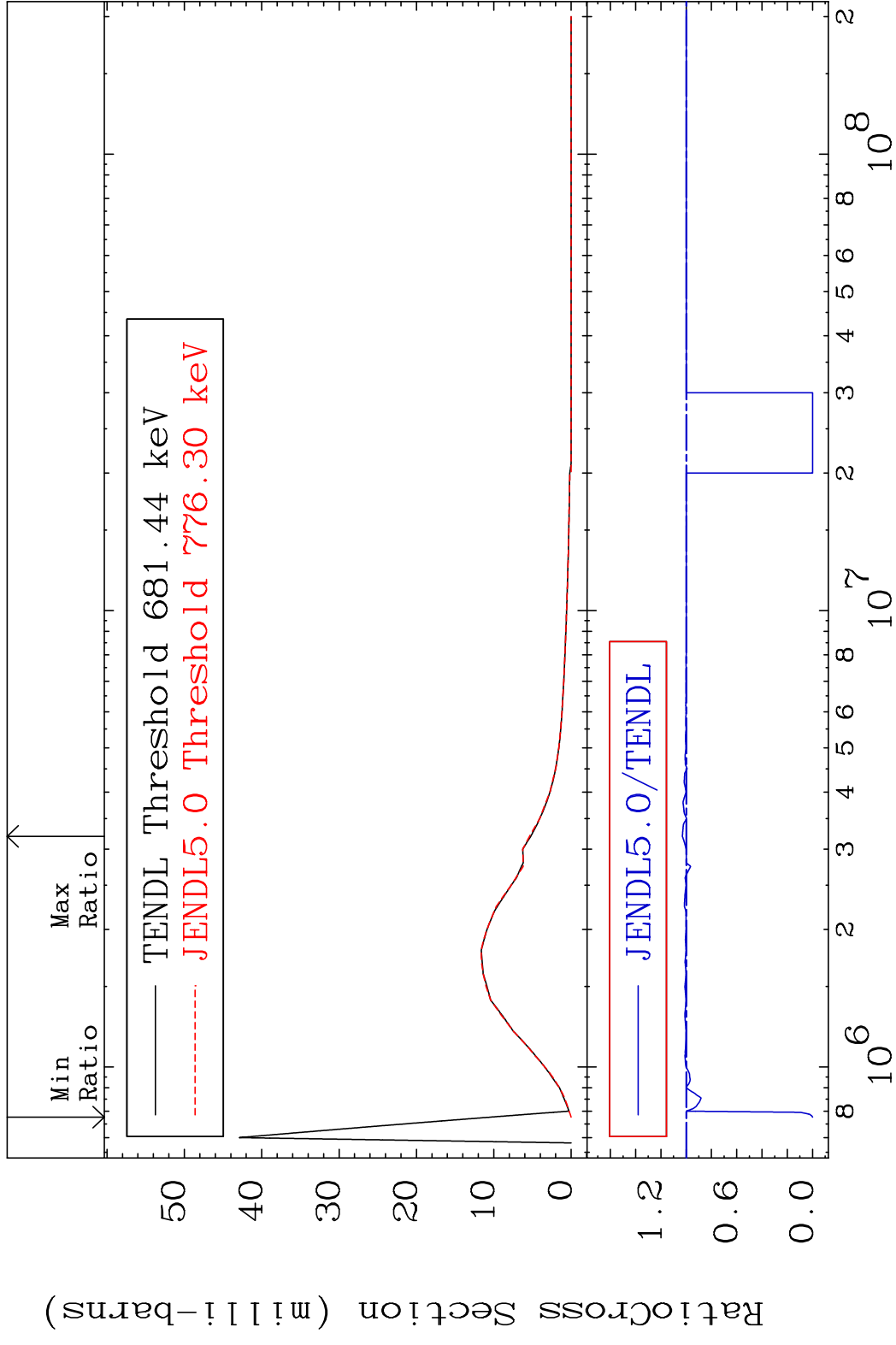
MAT 7434 MT= 66 (n, n') Level 74-W -183  
 Cross Section -100.0 To 1.810 %



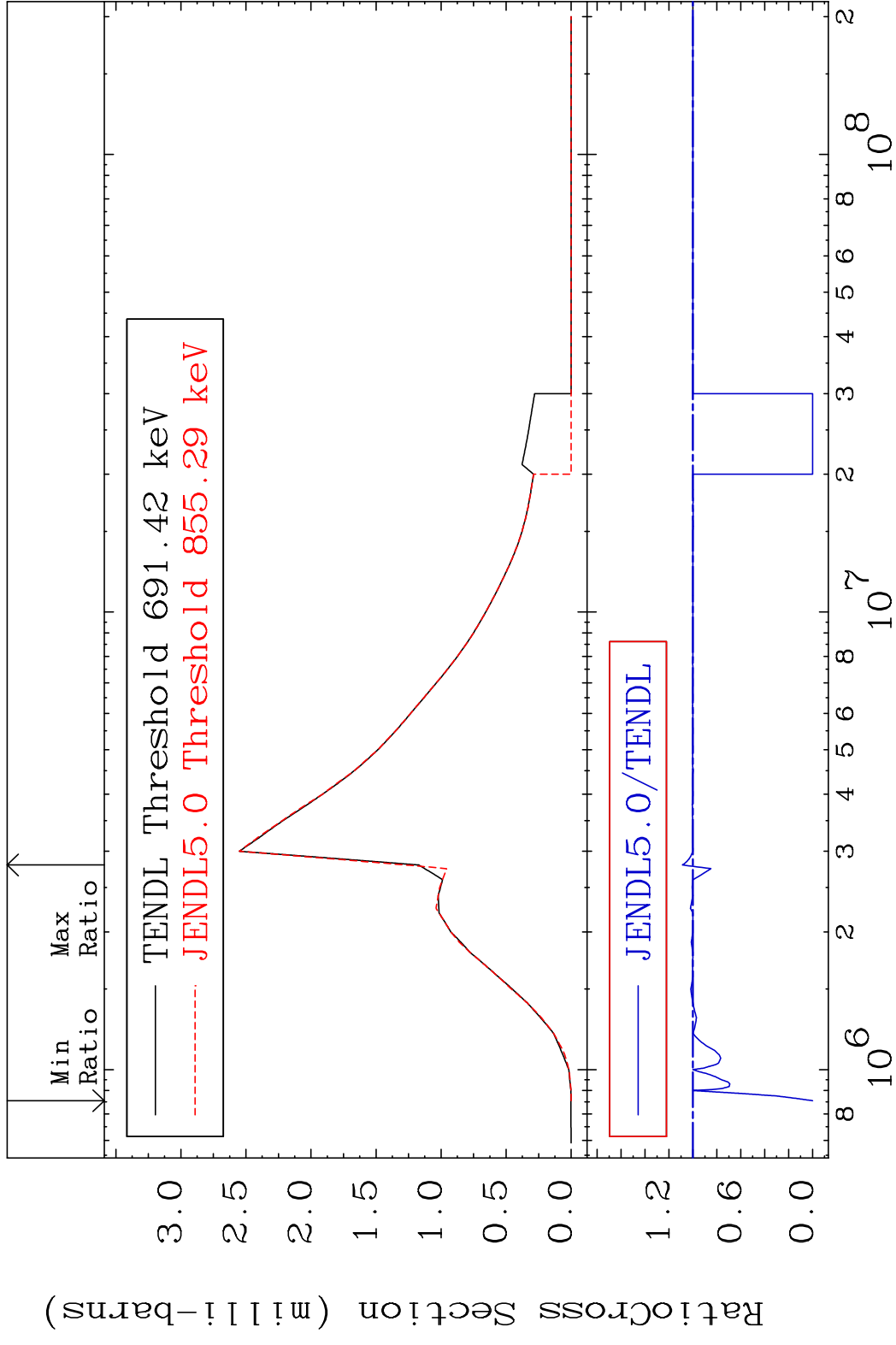
MAT 7434 MT= 67 (n, n') Level 74-W -183  
 Cross Section -100.0 To 2.771 %



MAT 7434 MT= 68 (n, n') Level 74-W -183  
 Cross Section -100.0 To 3.035 %

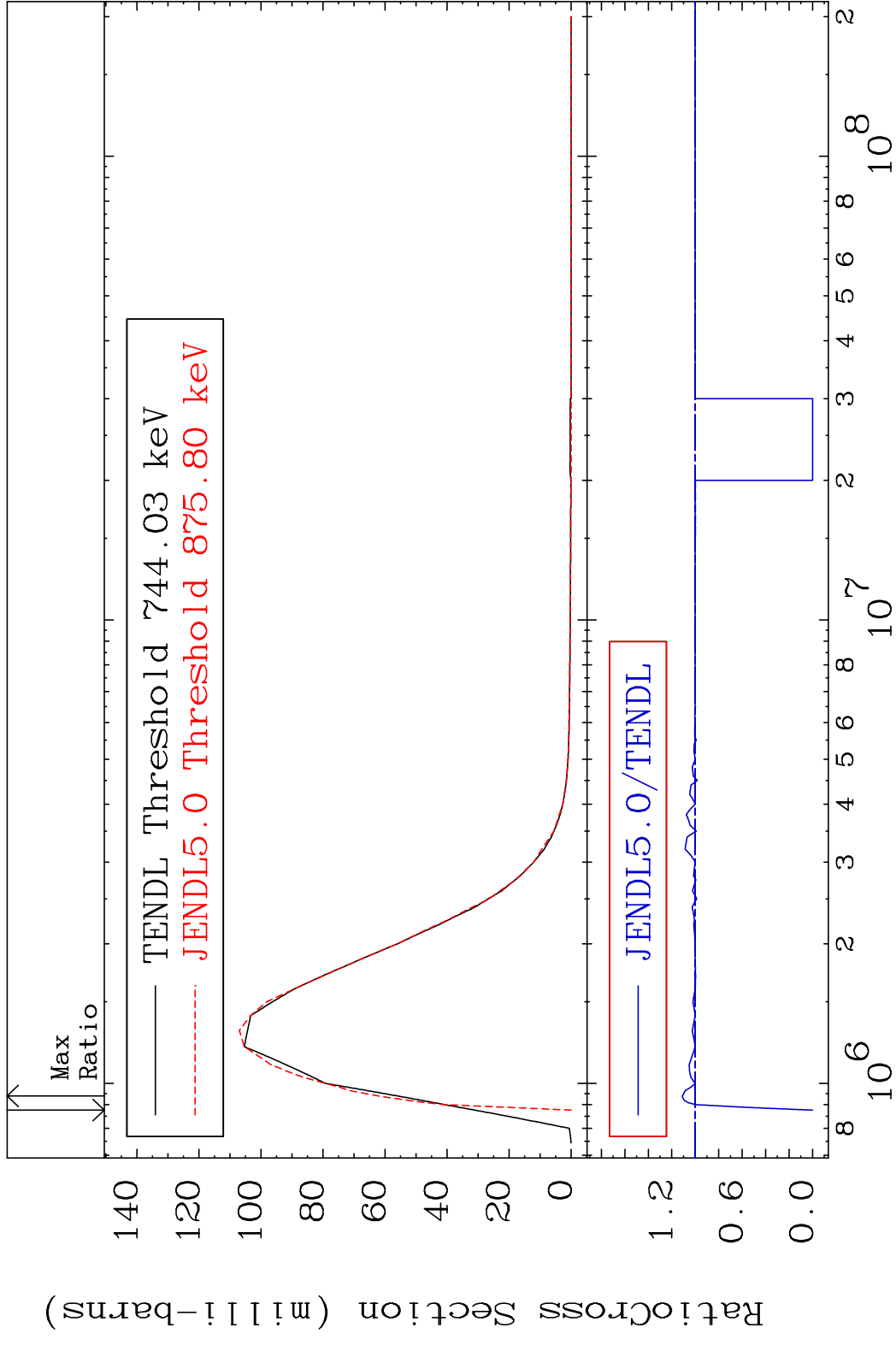


MAT 7434 MT= 69 (n, n') Level 74-W -183  
 Cross Section -100.0 To 8.821 %

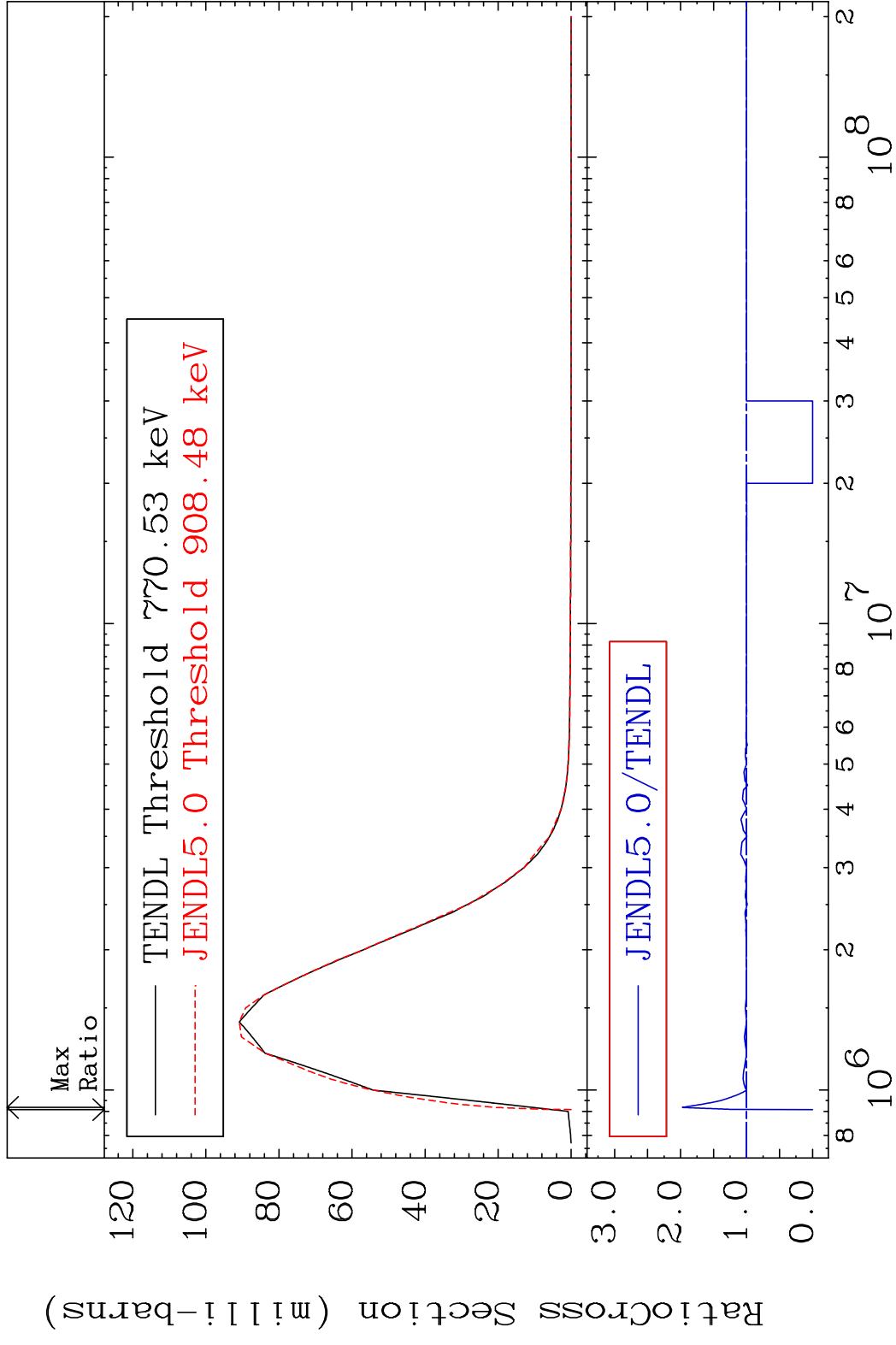




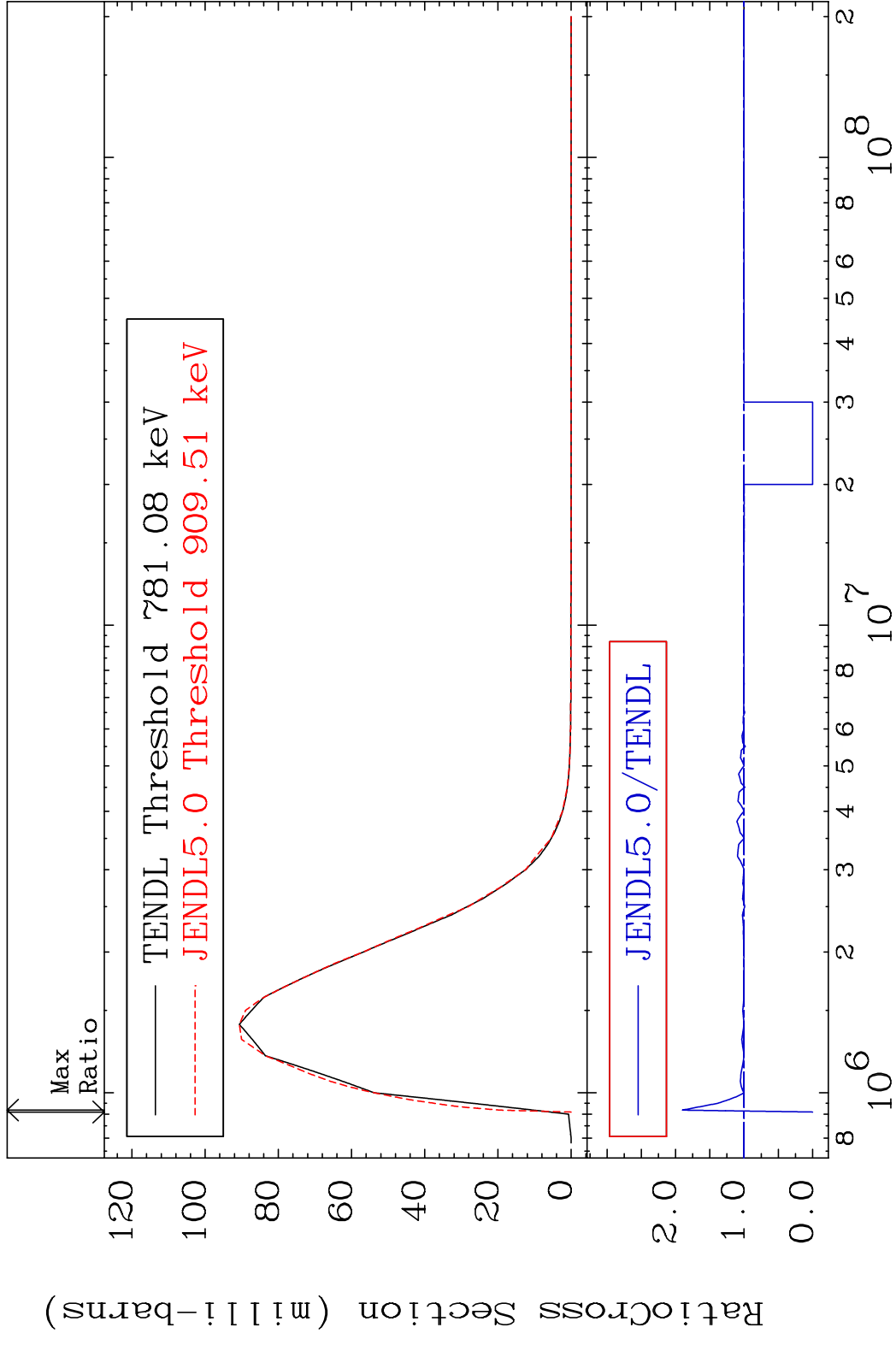
MAT 7434 MT= 70 (n,n') Level 74-W -183  
 Cross Section -100.0 To 10.97 %



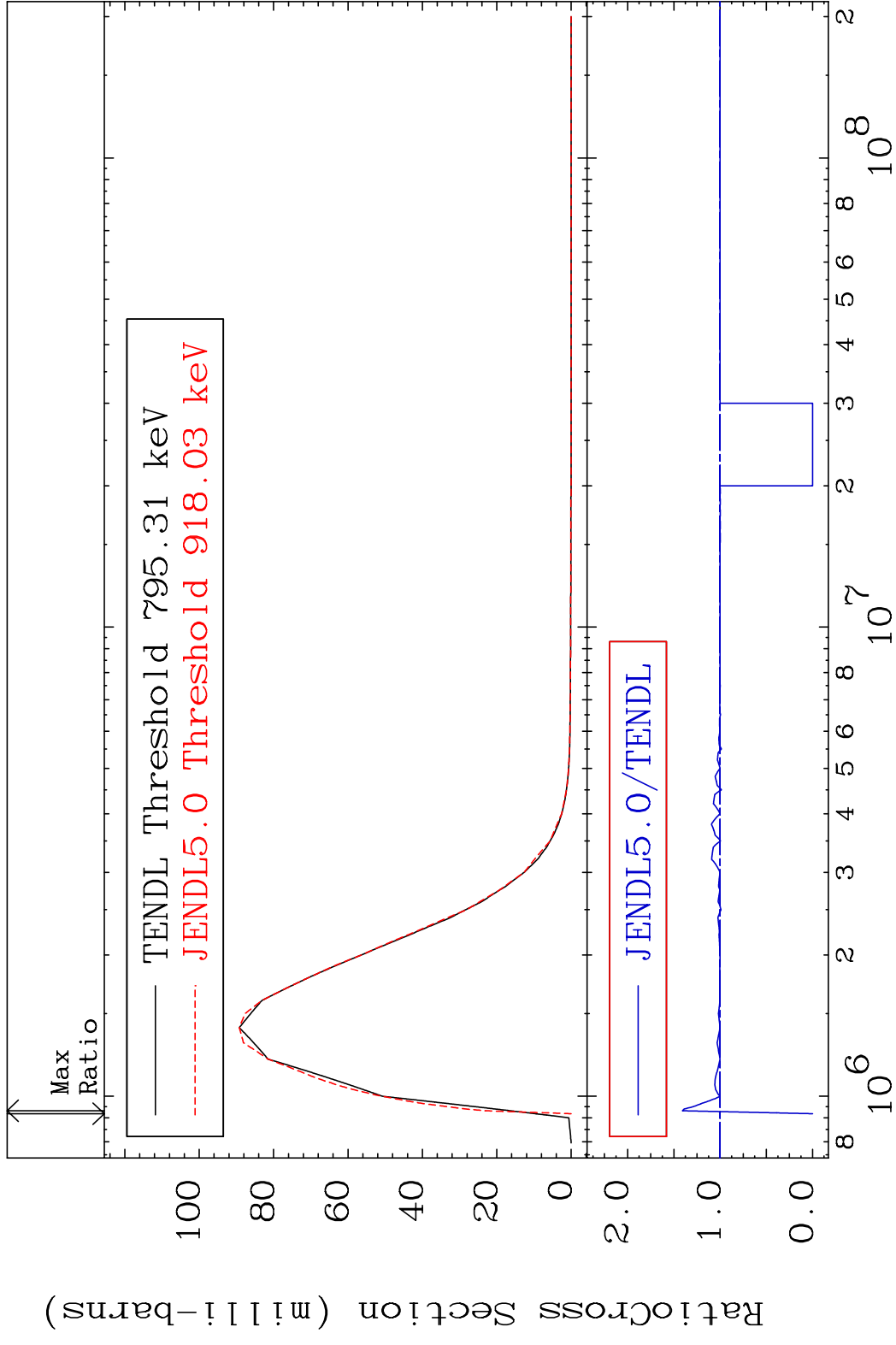
MAT 7434 MT= 71 (n,n') Level 74-W -183  
 Cross Section -100.0 To 97.34 %



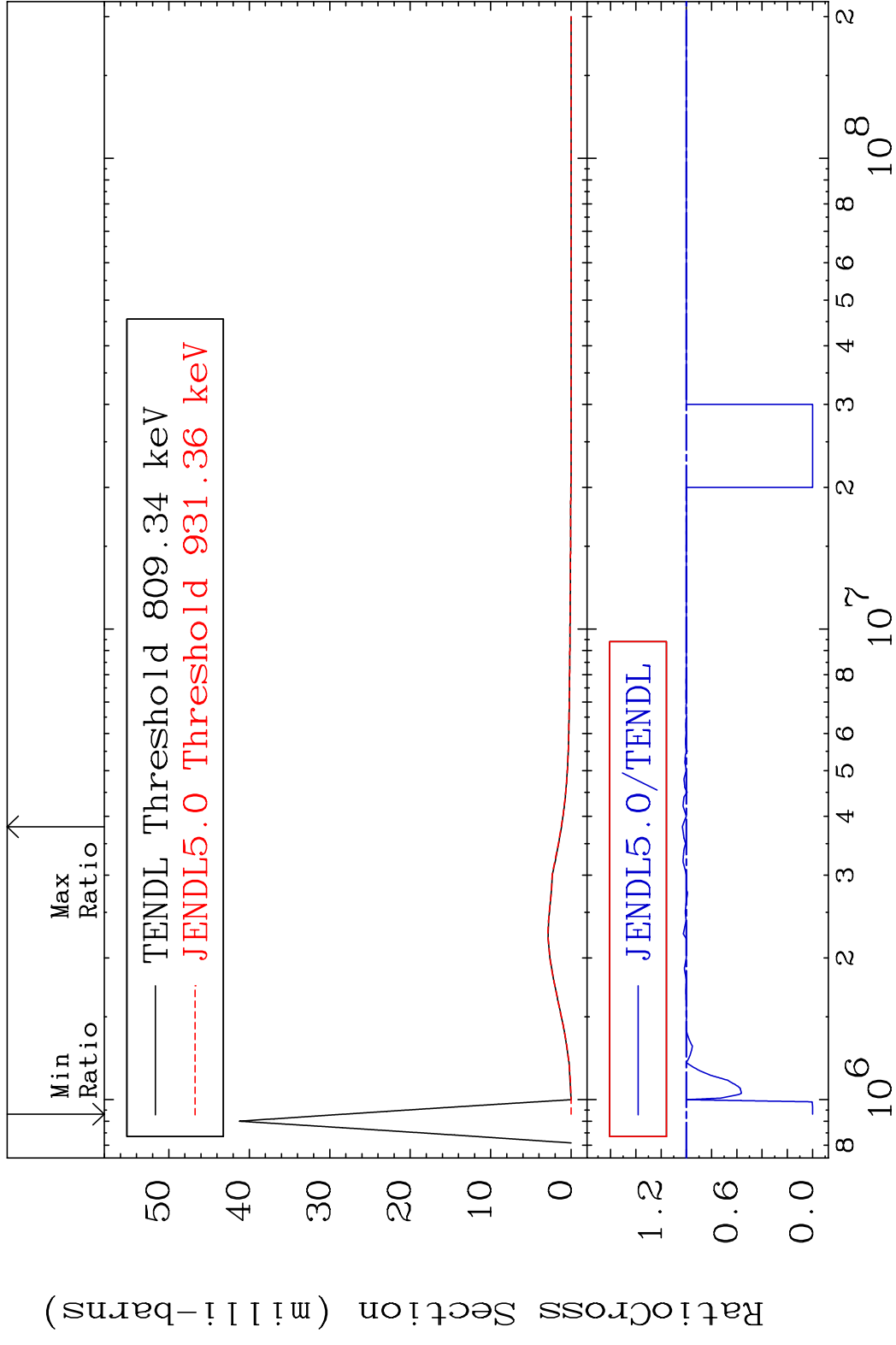
MAT 7434 MT= 72 (n,n') Level 74-W -183  
 Cross Section -100.0 To 90.09 %



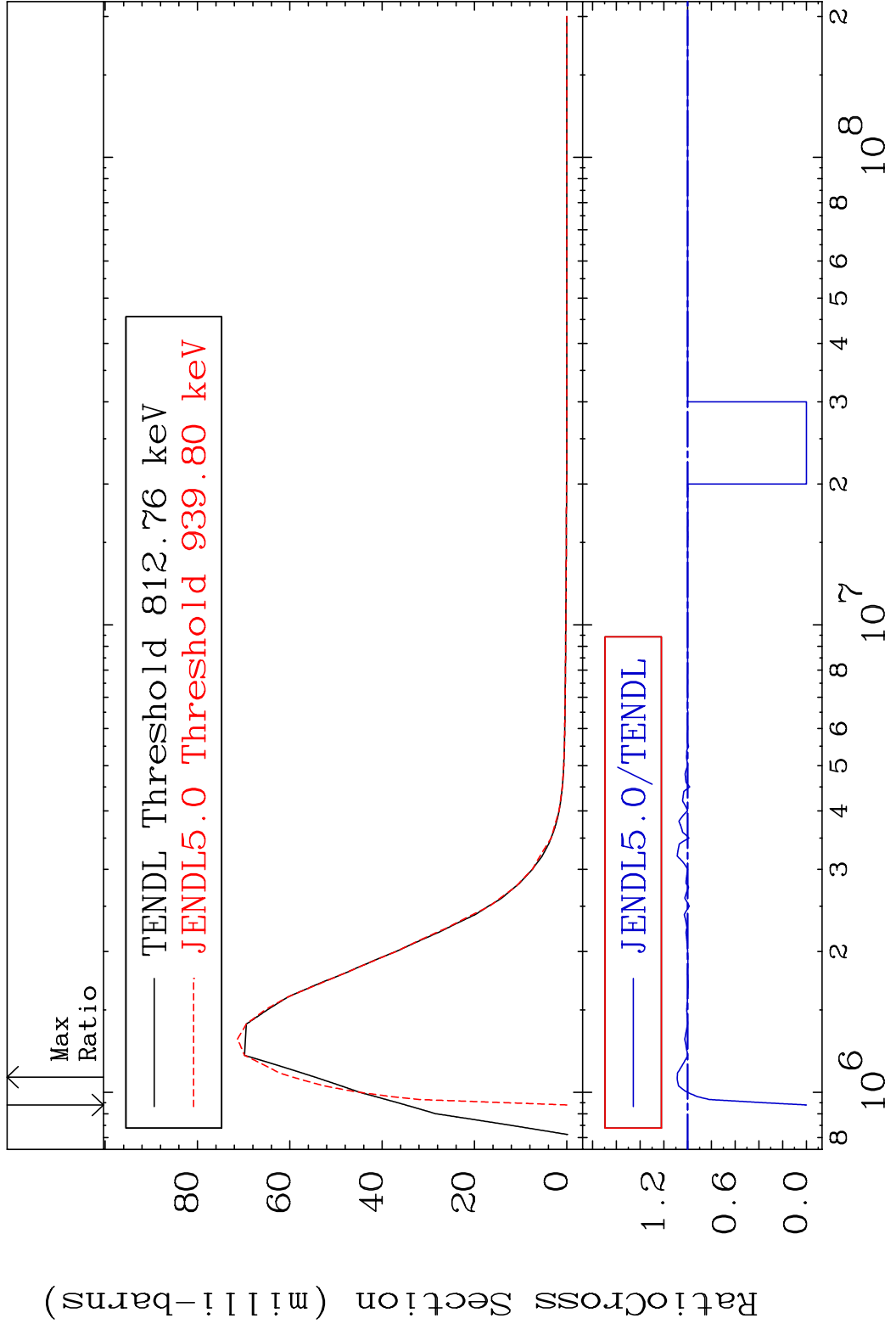
MAT 7434 MT= 73 (n,n') Level 74-W -183  
 Cross Section -100.0 To 40.80 %



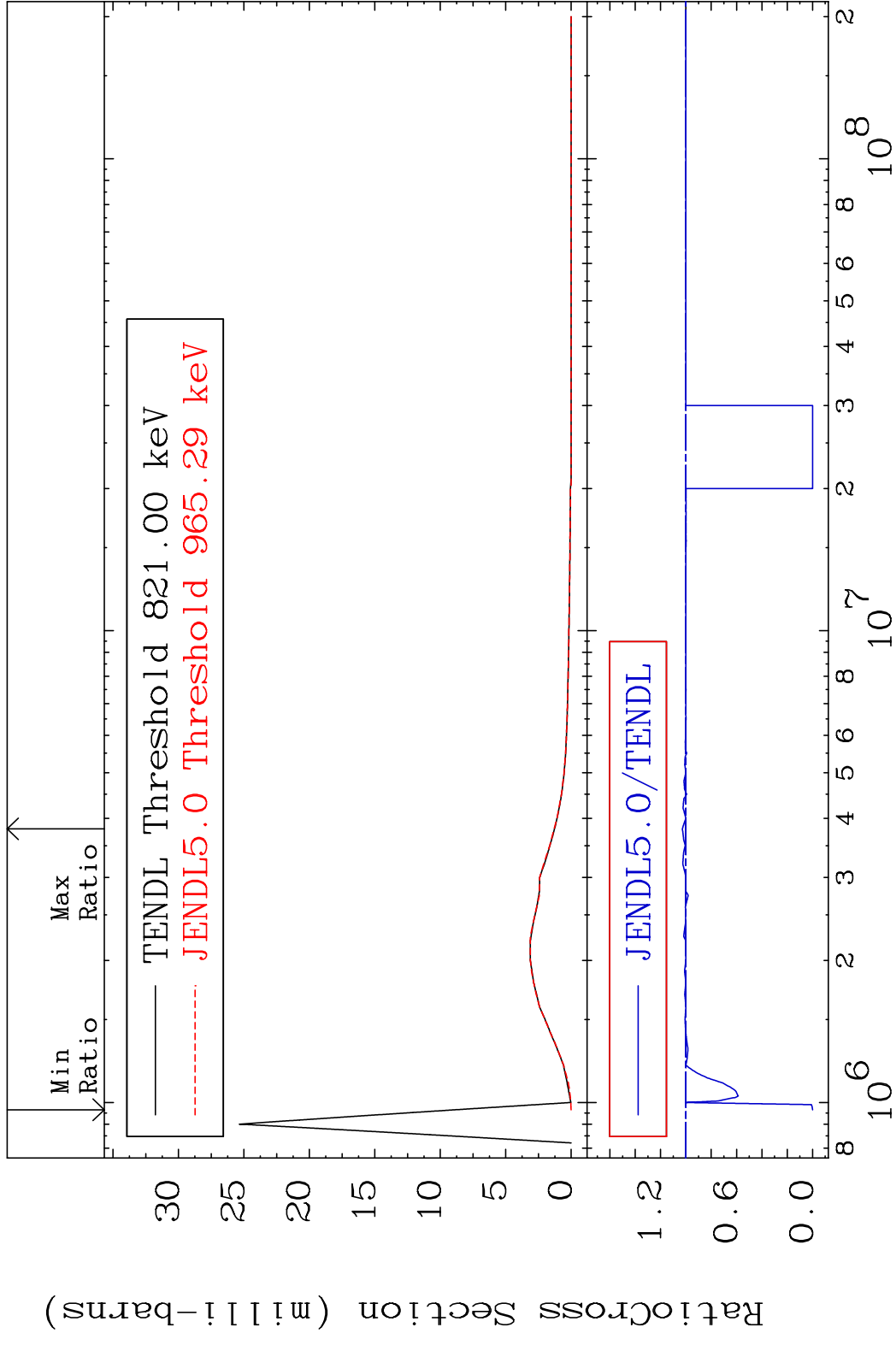
MAT 7434 MT= 74 (n,n') Level 74-W -183  
 Cross Section -100.0 To 3.138 %



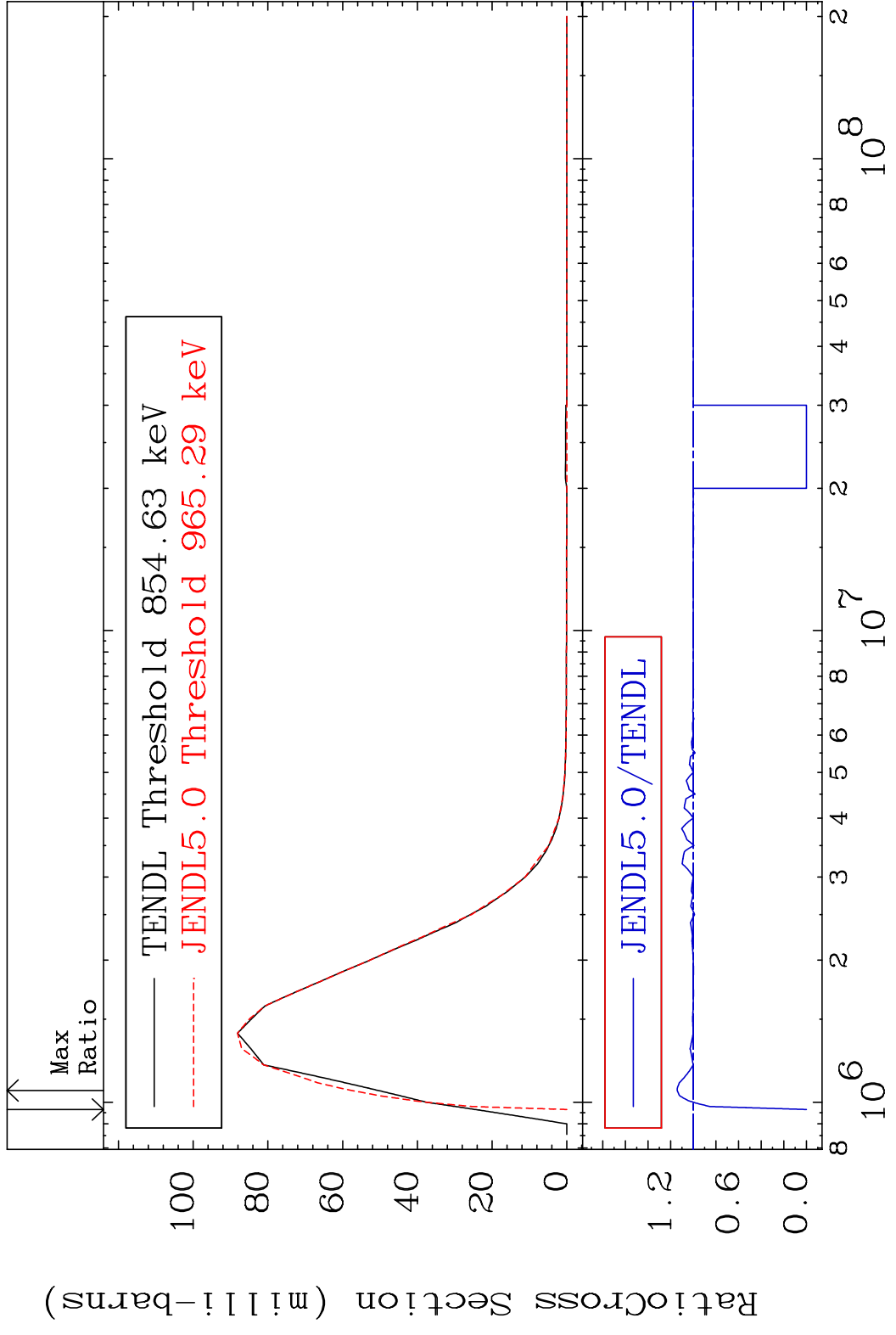
MAT 7434 MT= 75 (n,n') Level 74-W -183  
 Cross Section -100.0 To 8.819 %



MAT 7434 MT= 76 (n, n') Level 74-W -183  
 Cross Section -100.0 To 2.804 %

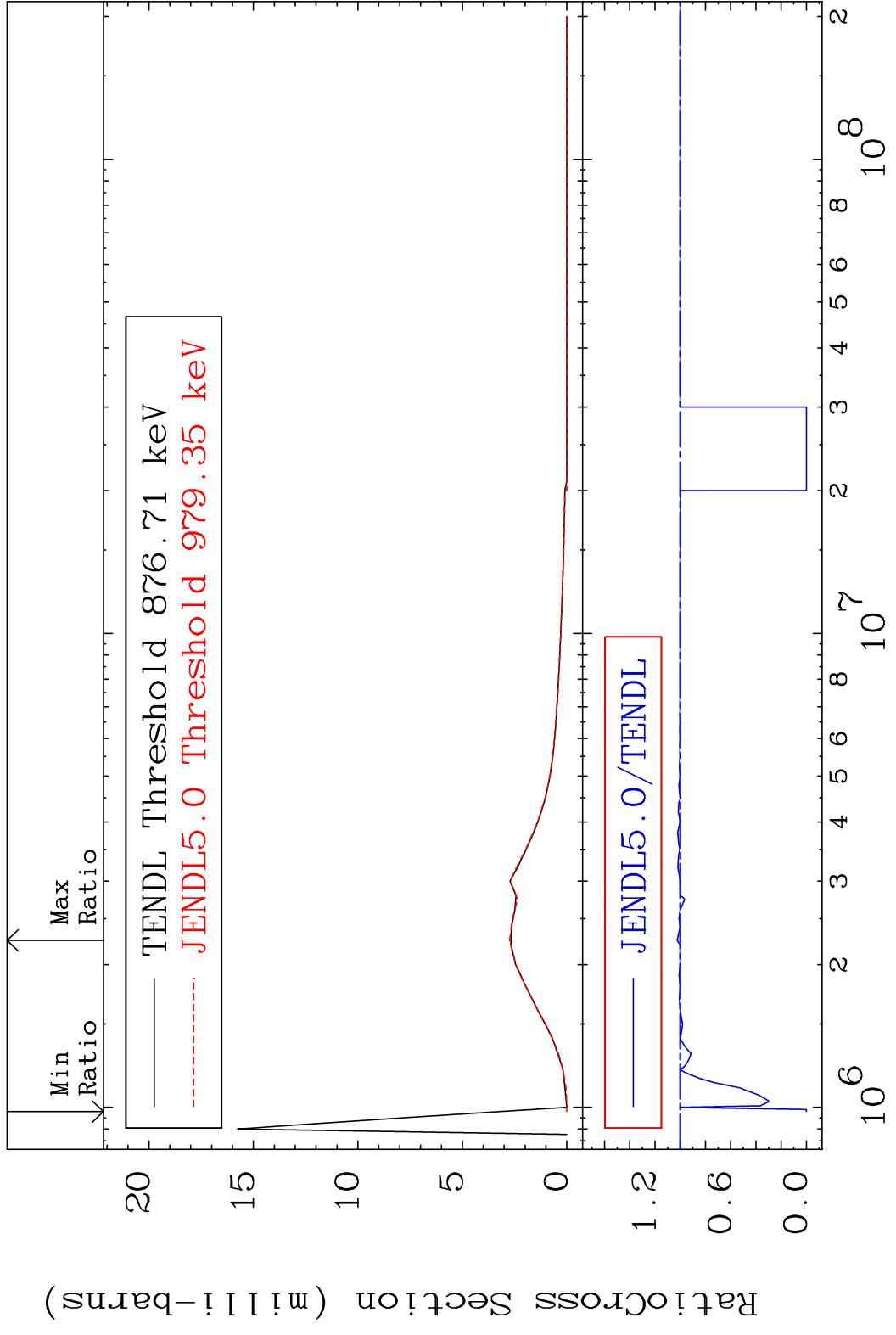


MAT 7434 MT= 77 (n,n') Level 74-W -183  
 Cross Section -100.0 To 14.24 %



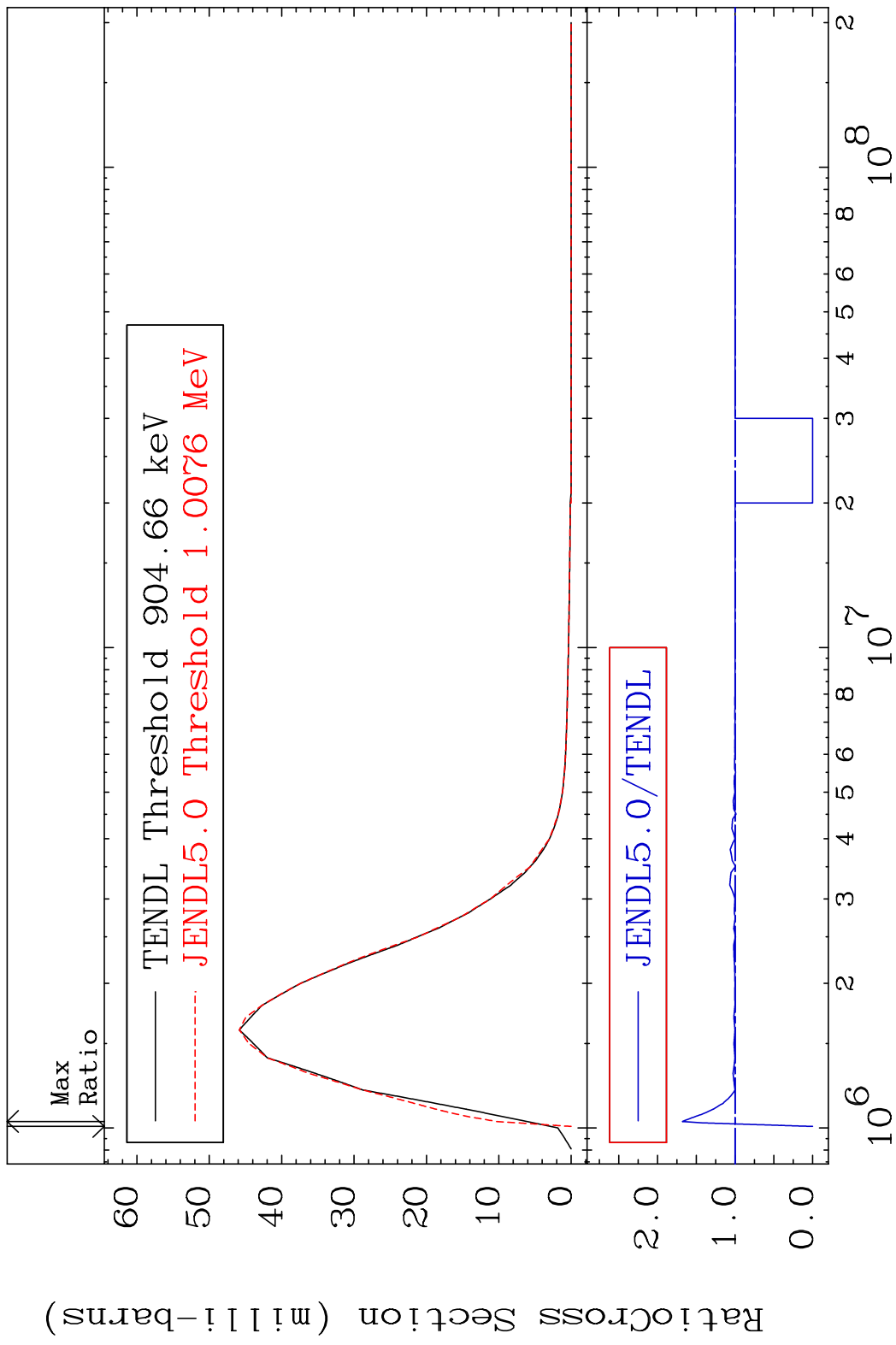


MAT 7434 MT= 78 (n, n') Level 74-W -183  
 Cross Section -100.0 To 2.437 %

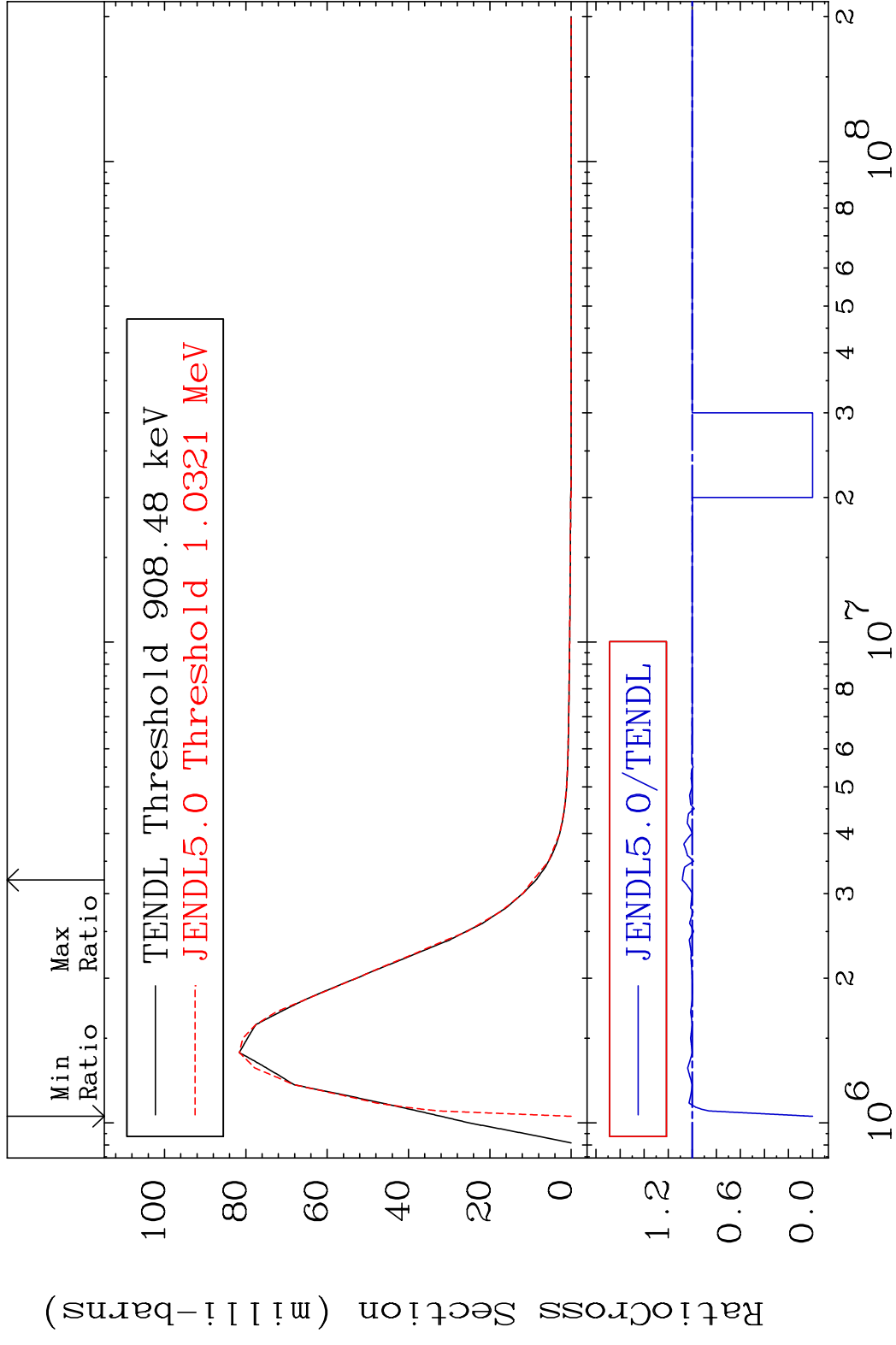


40 Incident Energy (eV) 74-W -183

MAT 7434 MT= 79 (n,n') Level 74-W -183  
 Cross Section -100.0 To 67.89 %



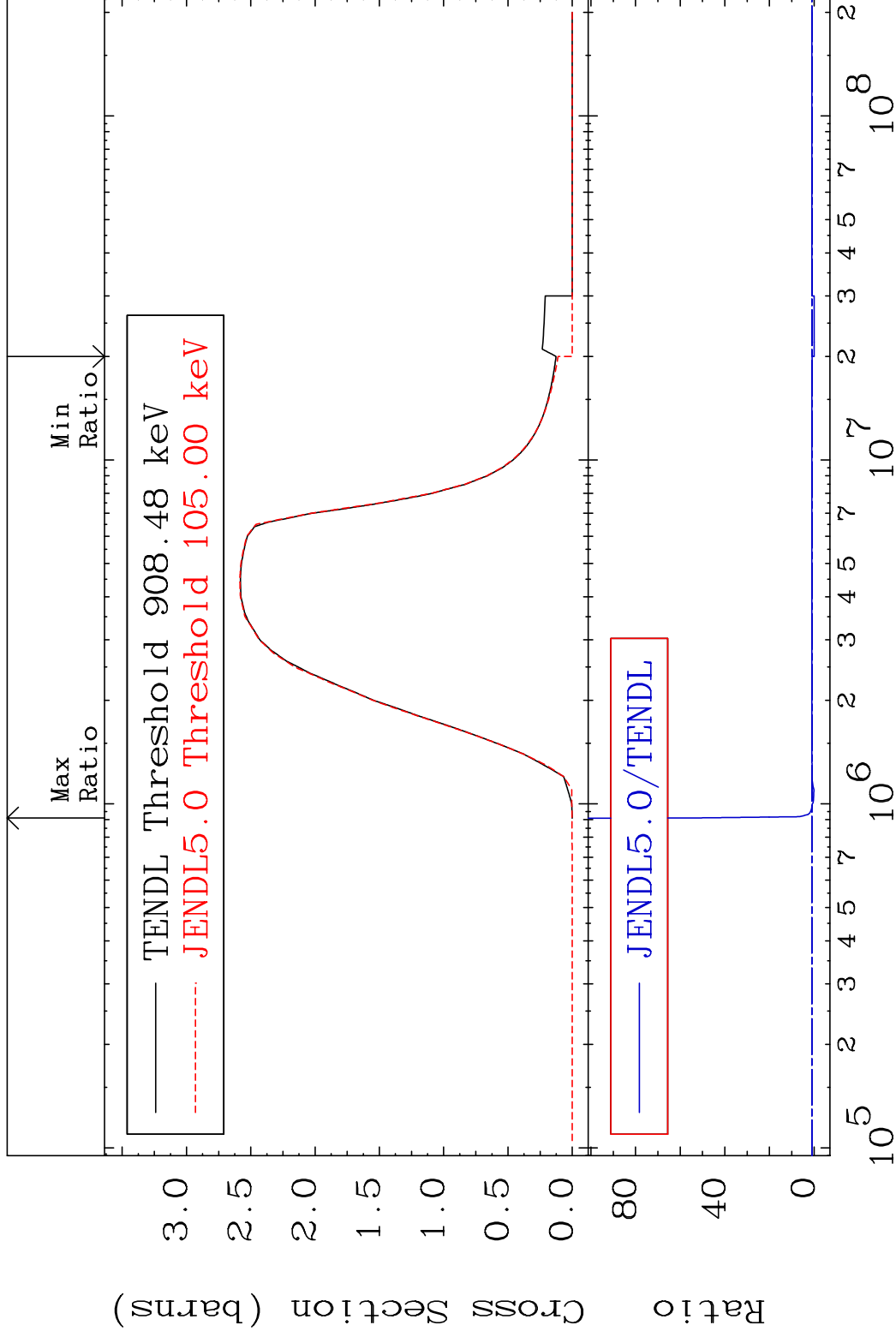
MAT 7434 MT= 80 (n,n') Level 74-W -183  
 Cross Section -100.0 To 8.255 %



42 Incident Energy (eV) 74-W -183

MAT 7434

(n, n') Continuum 74-W -183  
Cross Section -100.0 To 5745. %



43

Incident Energy (eV)

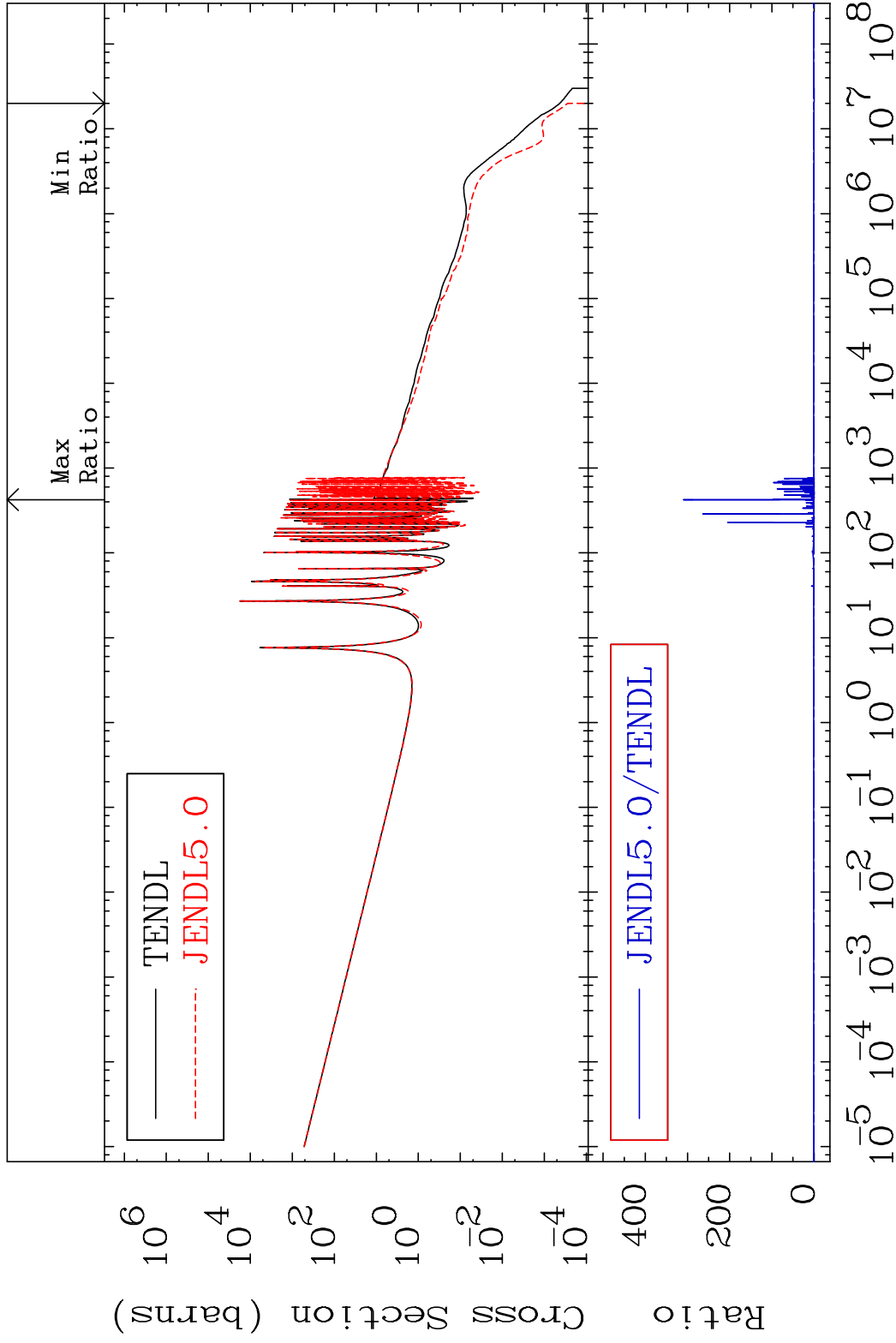
74-W -183

MAT 7434

(n,  $\gamma$ )

74-W -183

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

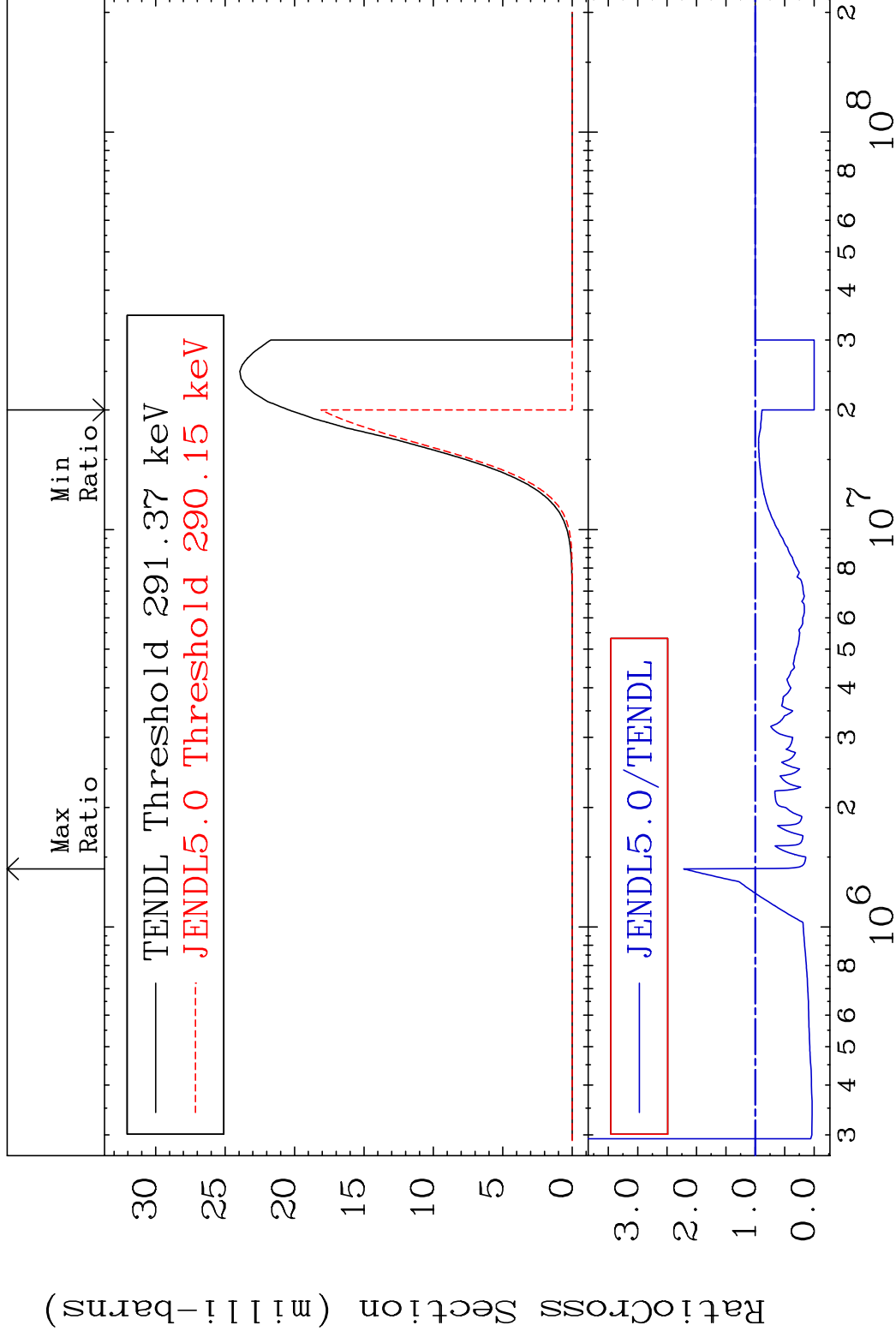
74-W -183

MAT 7434

(n, p)

74-W -183

Cross Section -100.0 To 121.9 %



45

Incident Energy (eV)

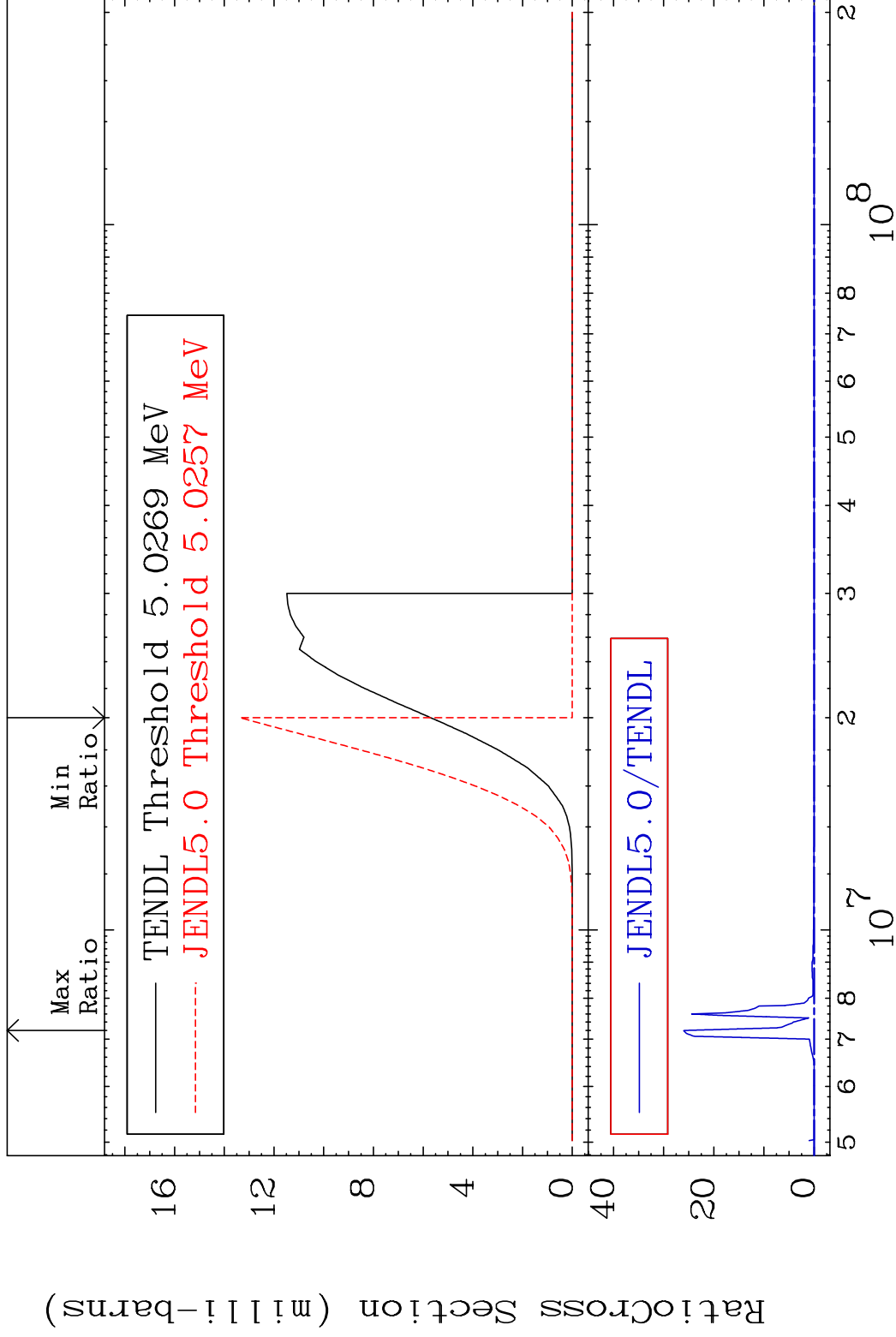
74-W -183

MAT 7434

(n, d)

74-W -183

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

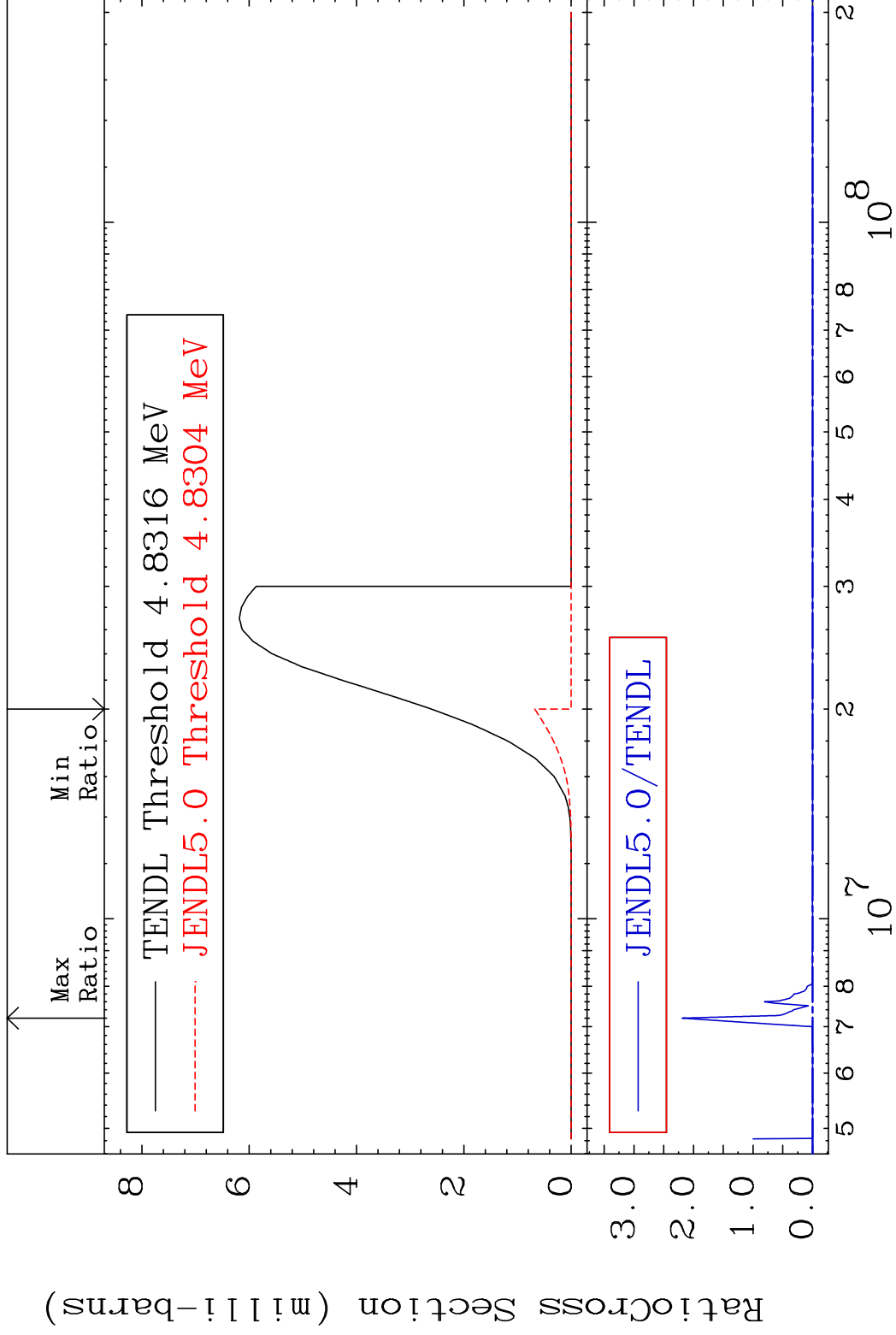
74-W -183

MAT 7434

(n, t)

74-W -183

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

74-W -183

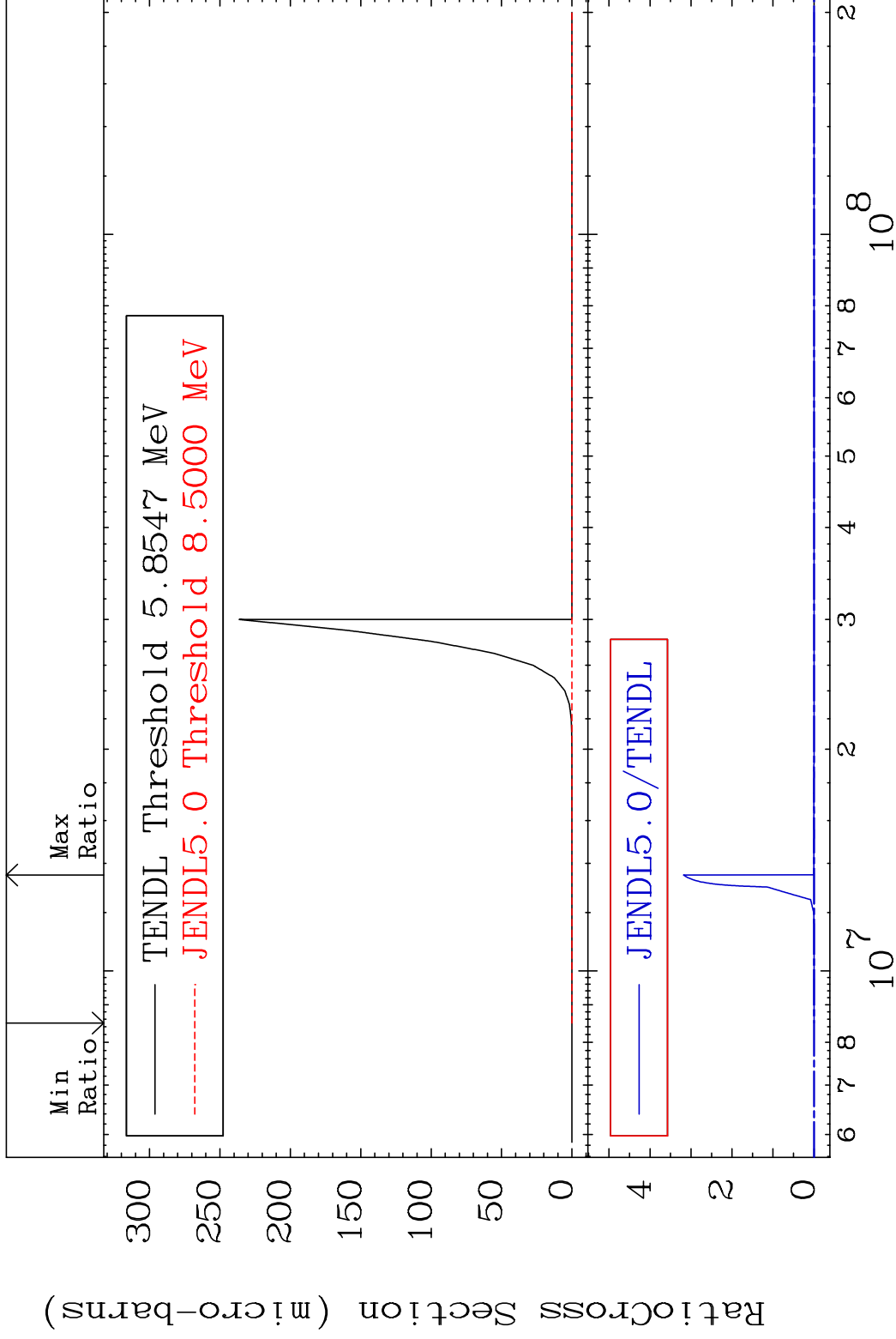


MAT 7434

(n, He-3)

74-W -183

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

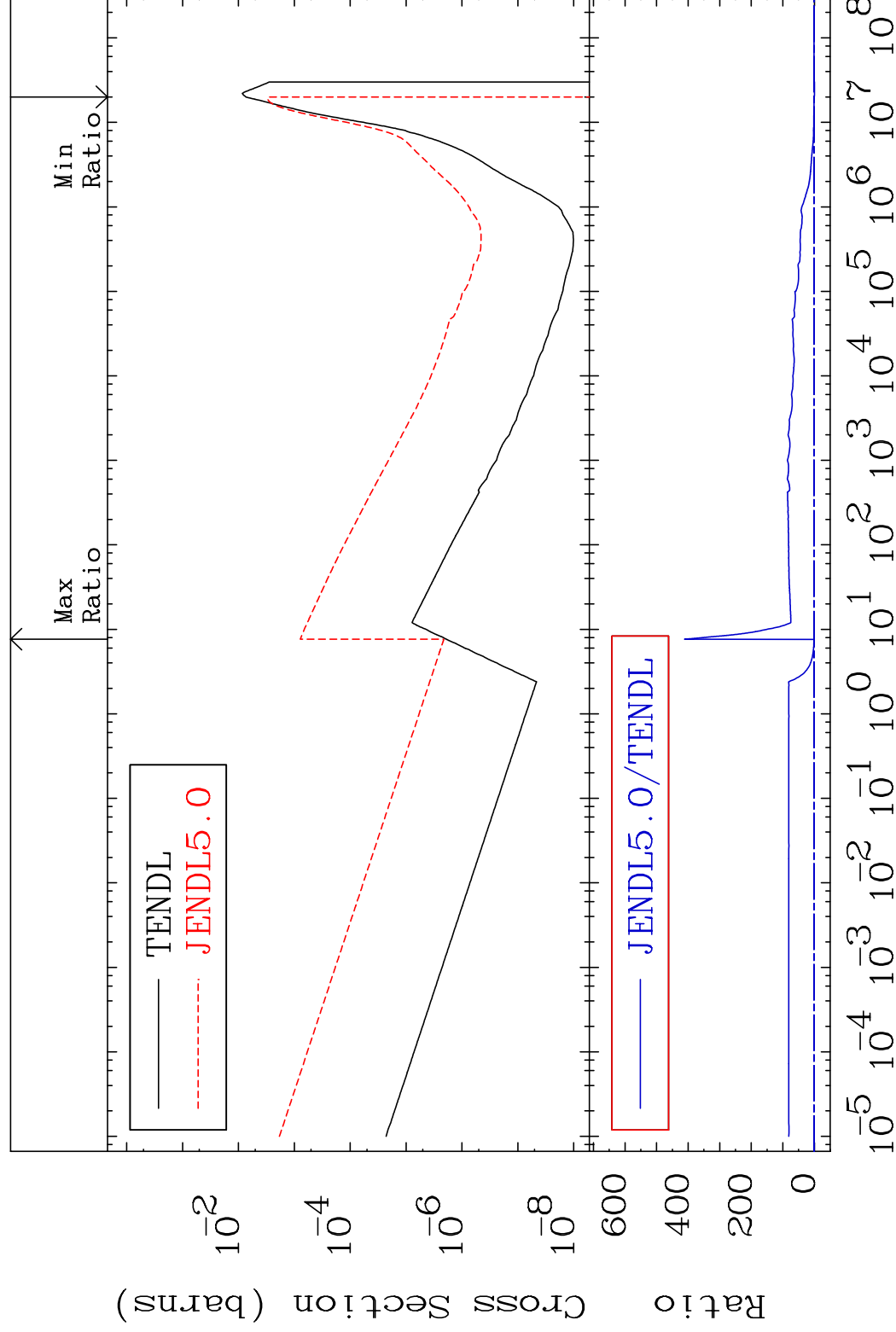
74-W -183

MAT 7434

74-W -183

(n,  $\alpha$ )

Cross Section -100.0 To 9999. %

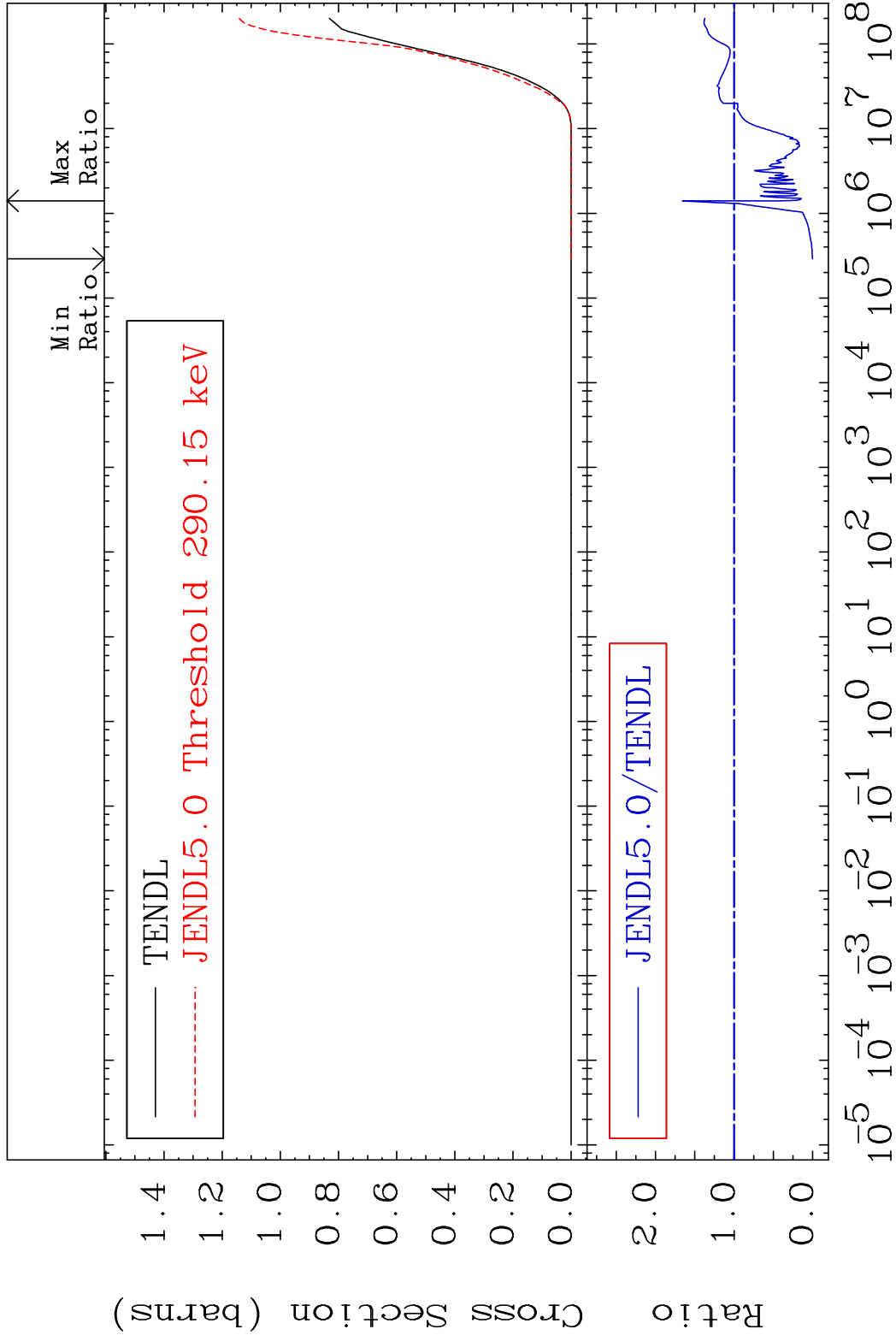


49

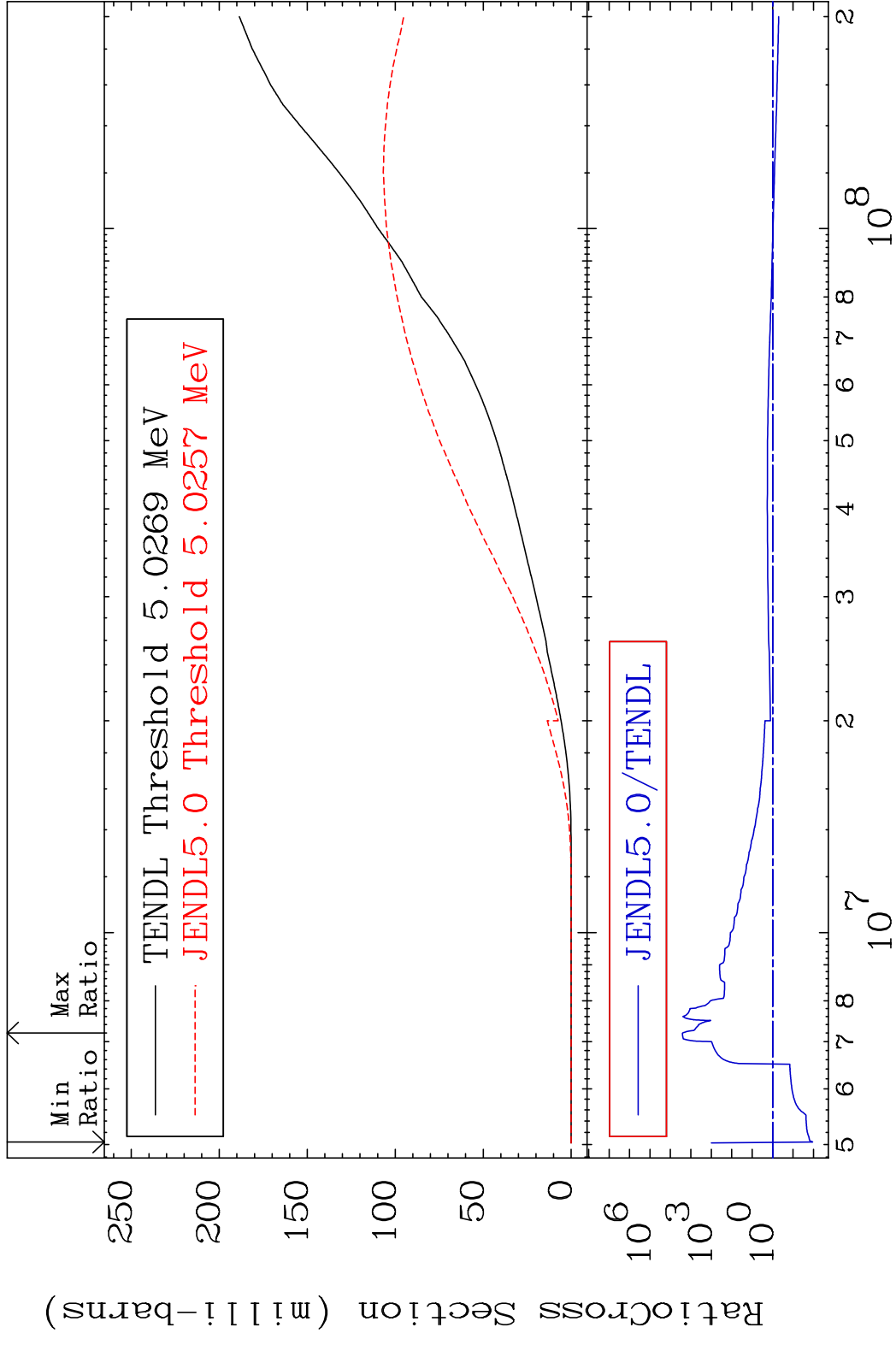
Incident Energy (eV)

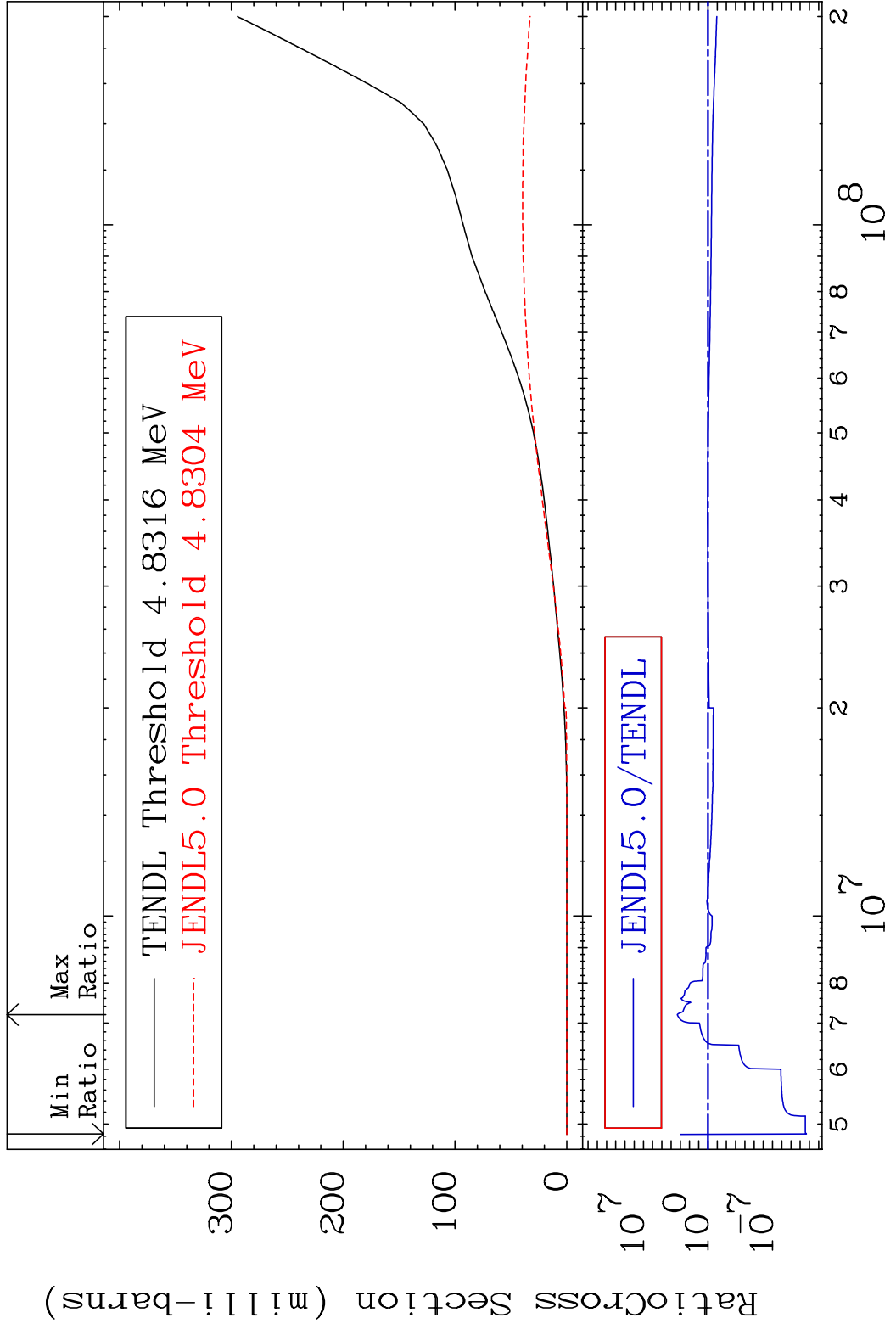
74-W -183

Cross Section -100.0 To 65.84 %

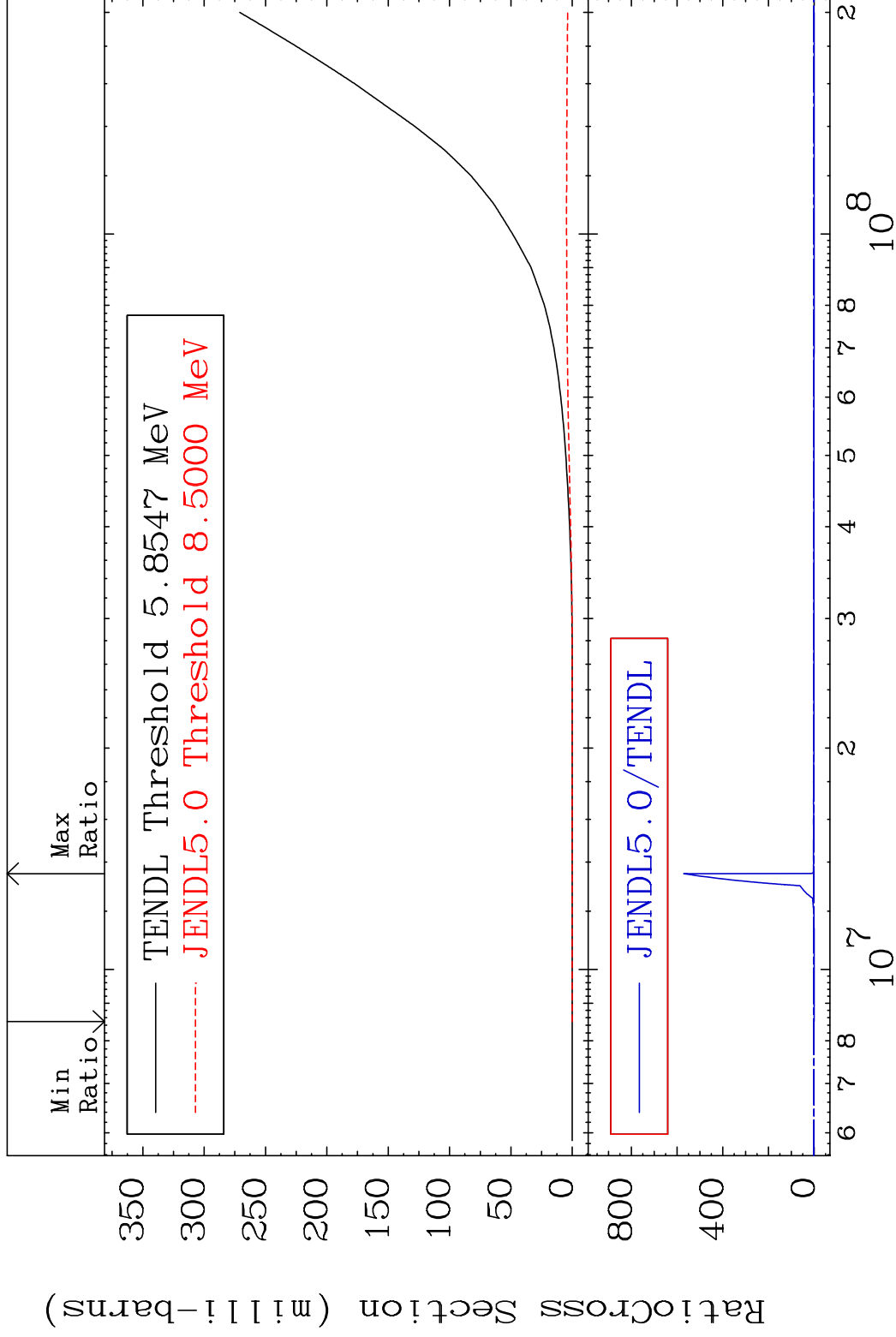


Cross Section -98.89 To 9999. %





Cross Section -100.0 To 9999. %

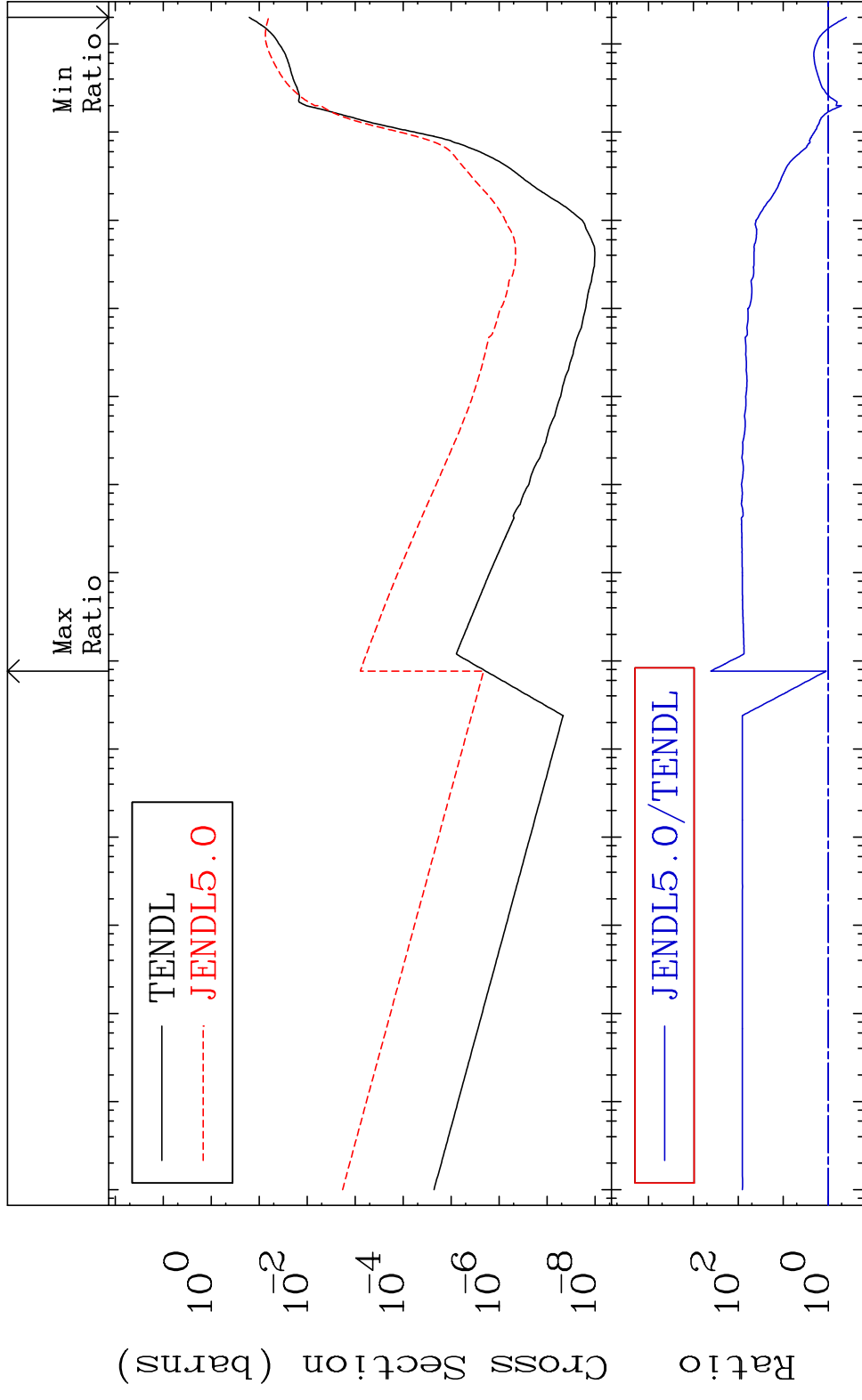


MAT 7434

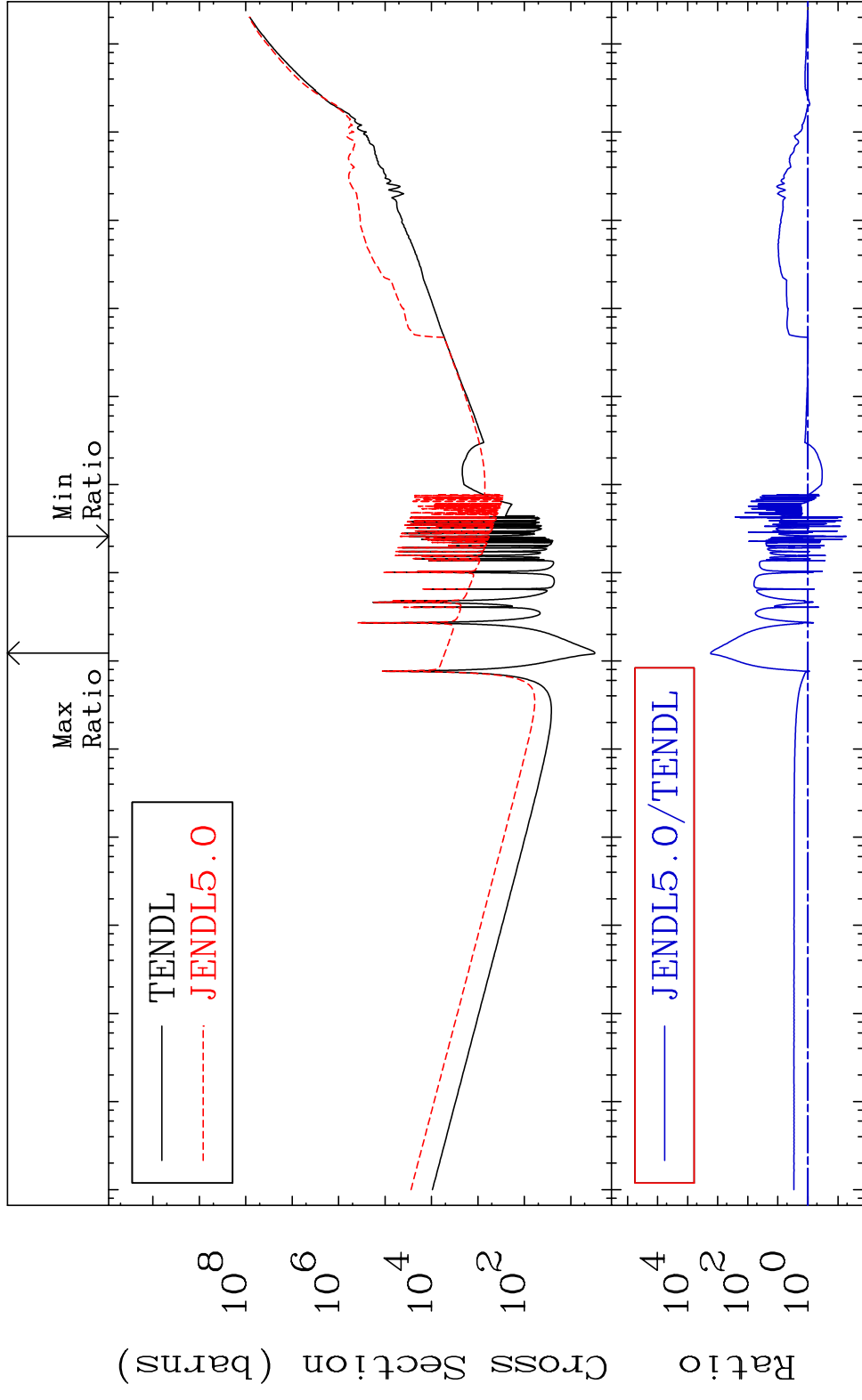
He-4 Production

74-W -183

Cross Section -60.47 To 9999. %



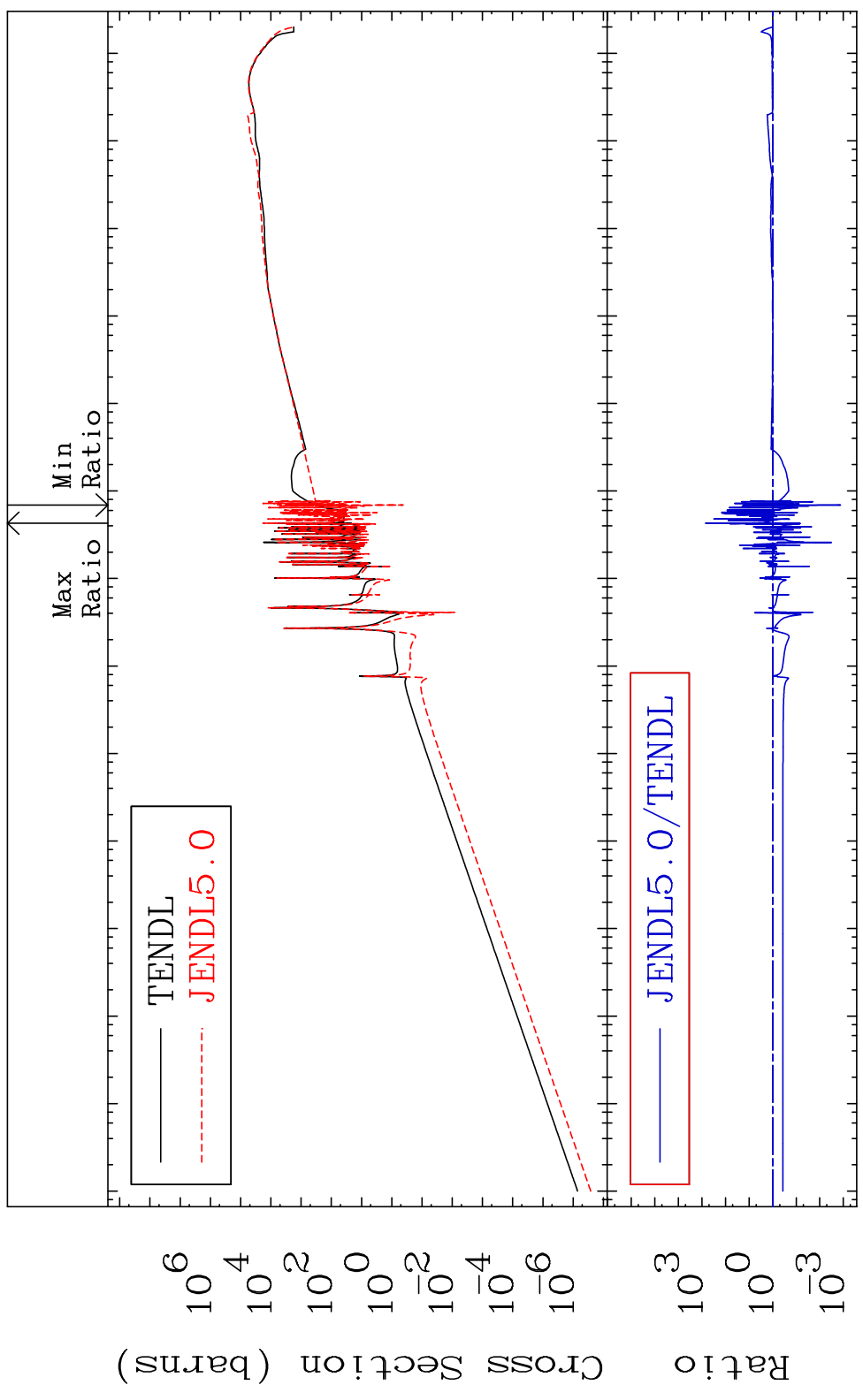
MAT 7434 Kerma total (eV-barns) 74-W -183  
 Cross Section -94.73 To 9999. %





MAT 7434

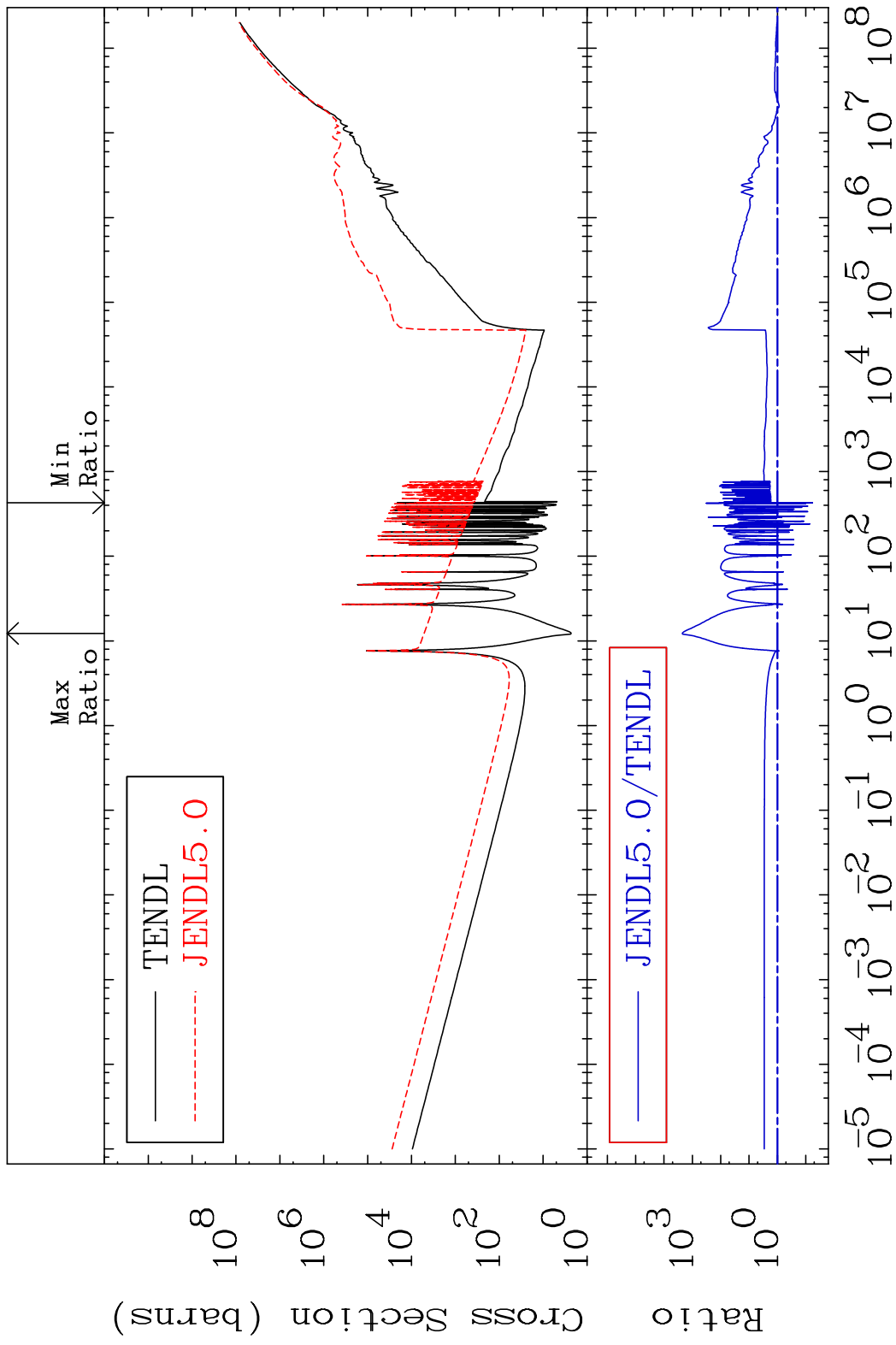
Kerma elastic Cross Section -99.87 To 9999. %  
74-W -183



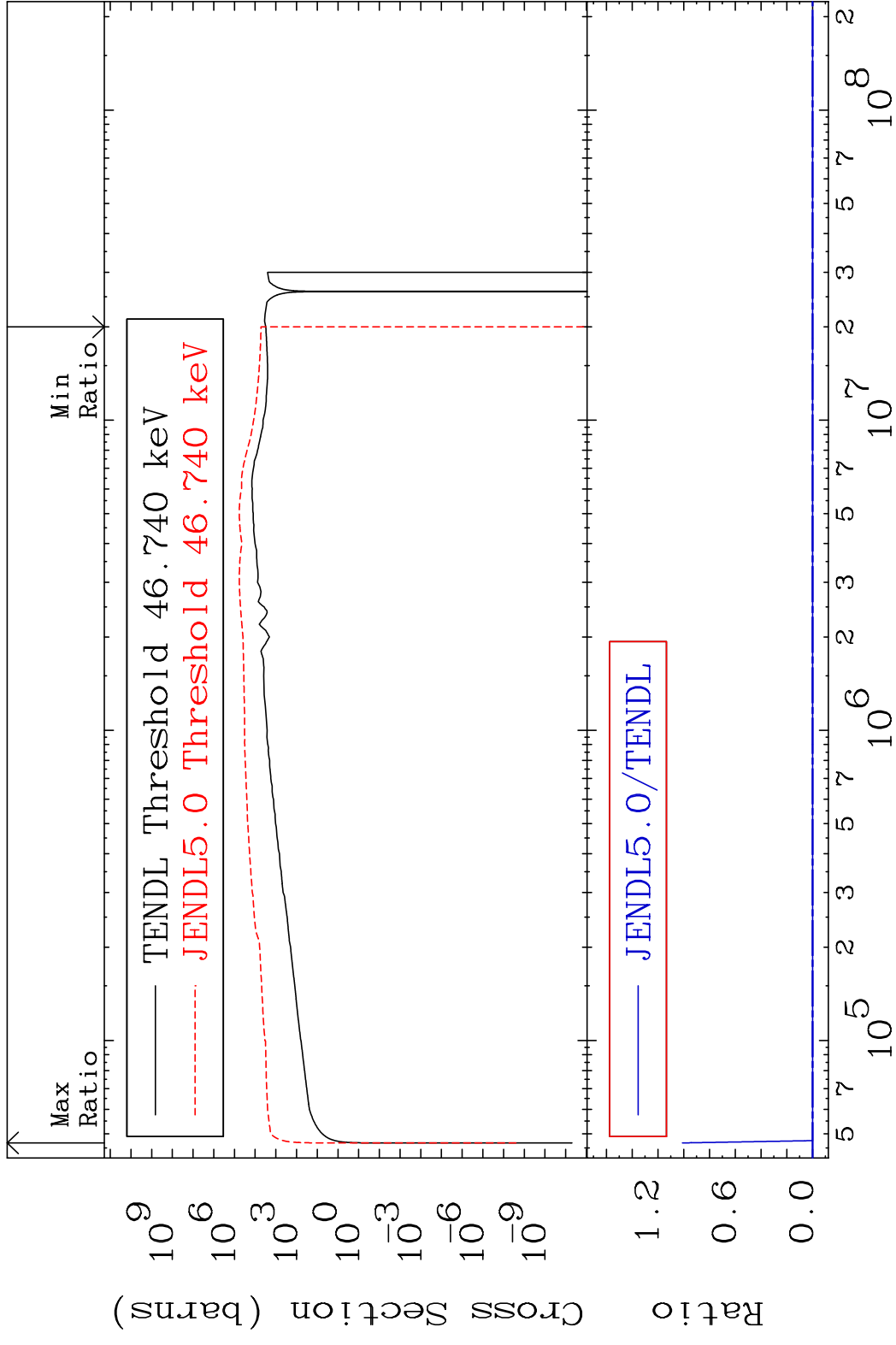
Ratio  
10<sup>3</sup>  
10<sup>0</sup>  
10<sup>-3</sup>

10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 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>

MAT 7434 Kerma non-elastic (all but mt2) 74-W -183  
 Cross Section -94.24 To 9999. %



MAT 7434 Kerma inelastic (mt51-91) 74-W -183  
 Cross Section -100.0 To 9999. %

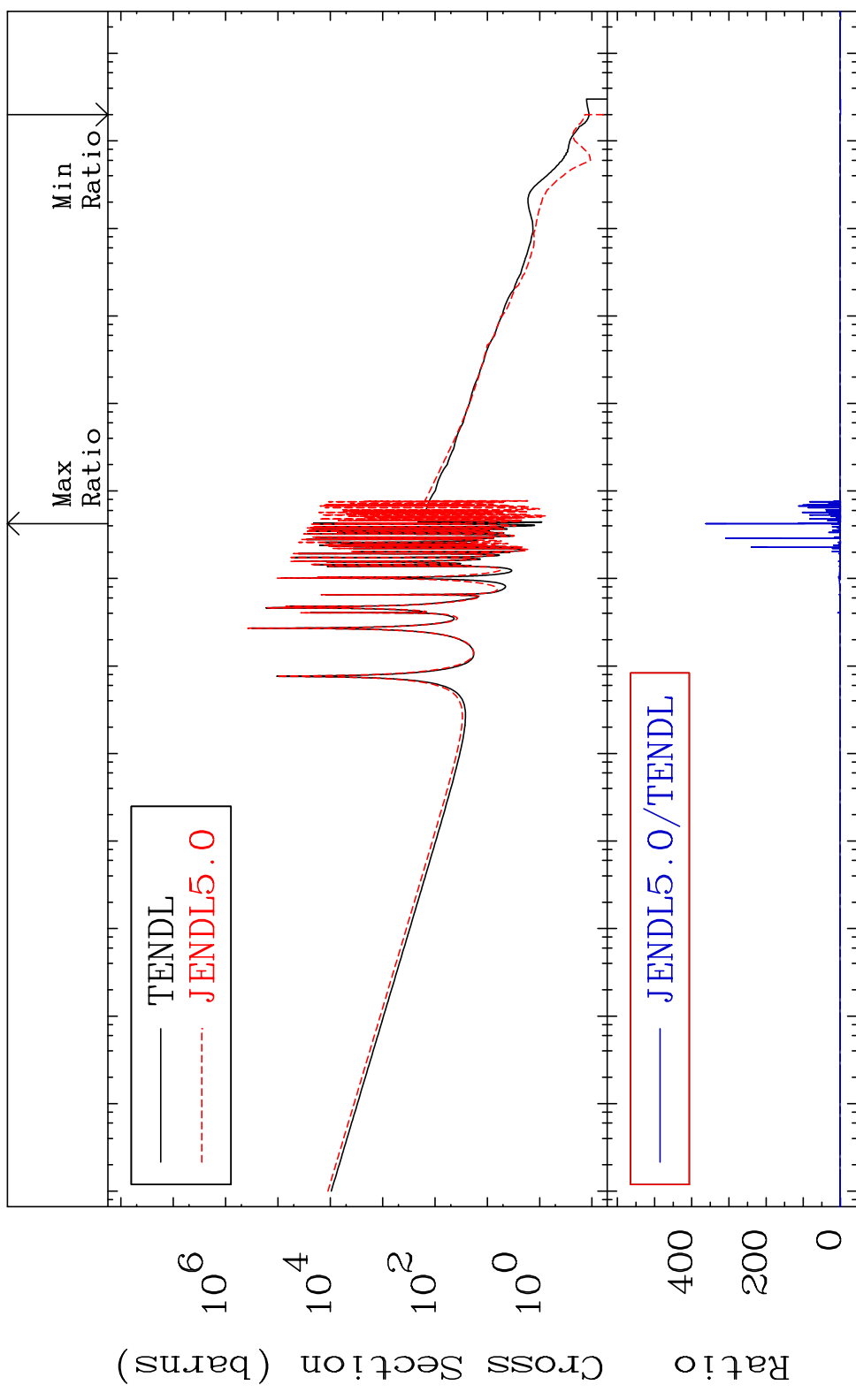




MAT 7434

Kerma capture (mt102) 74-W -183

Cross Section -100.0 To 9999. %



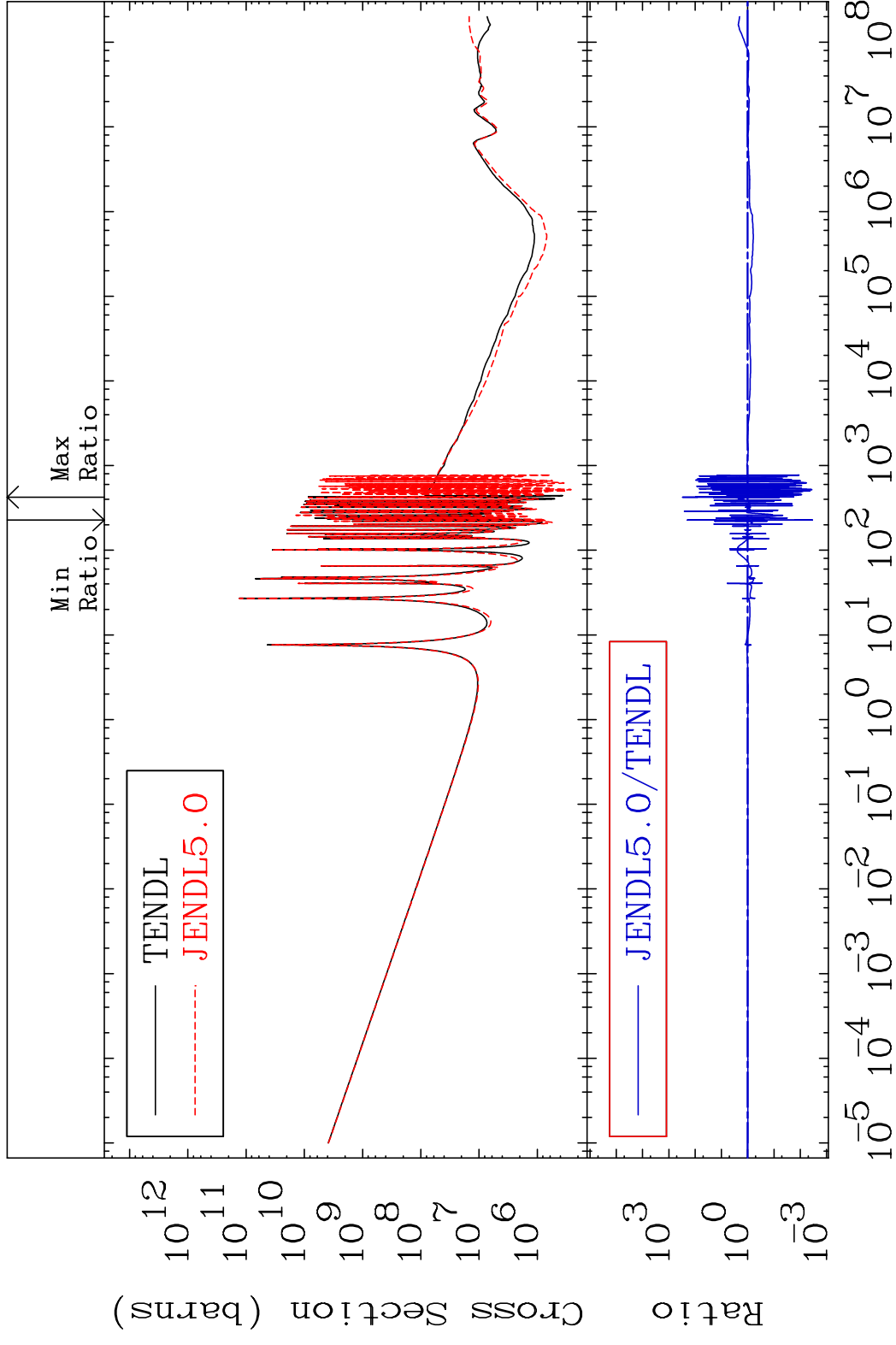
Ratio

60

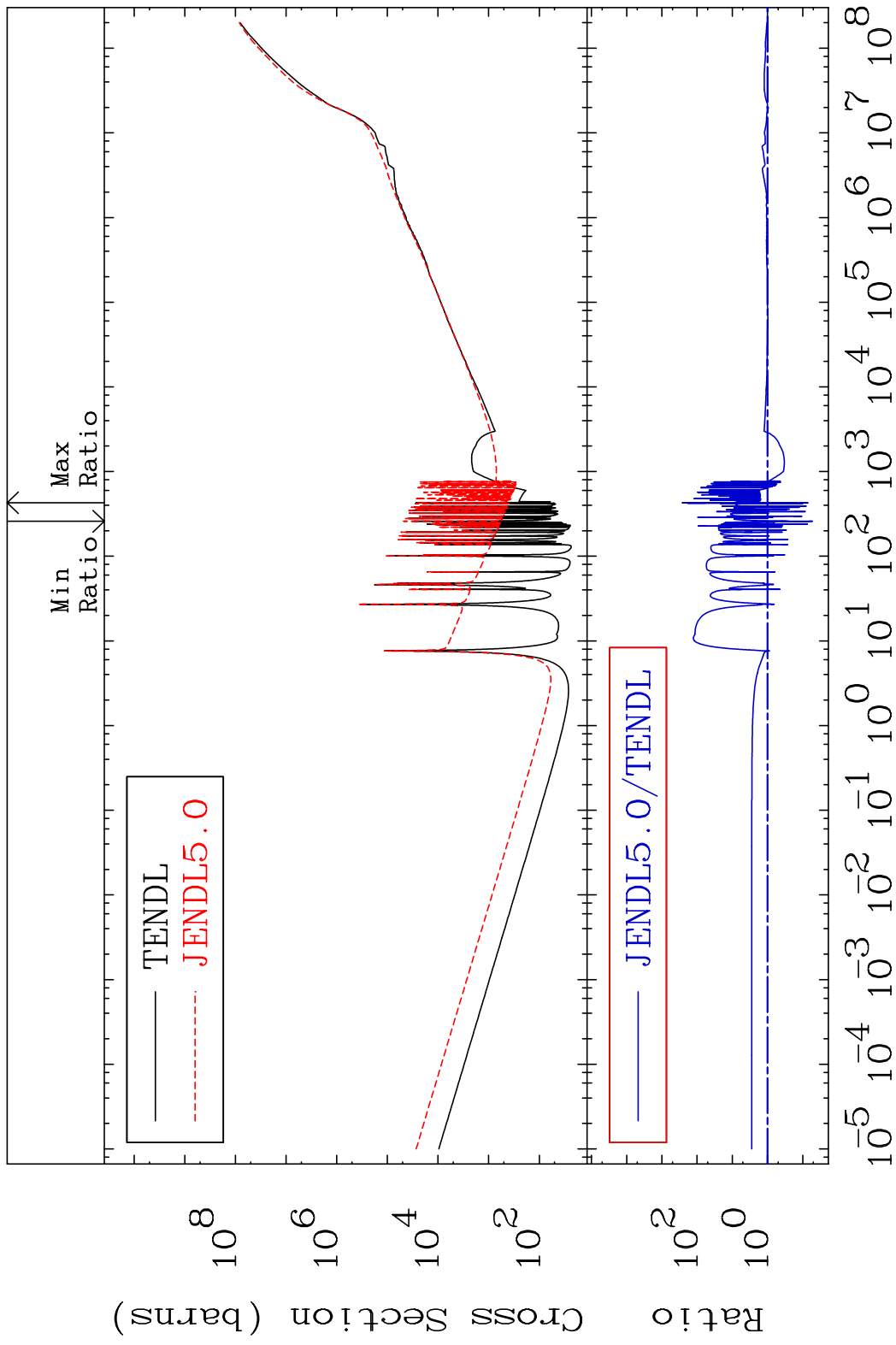
Incident Energy (eV)

74-W -183

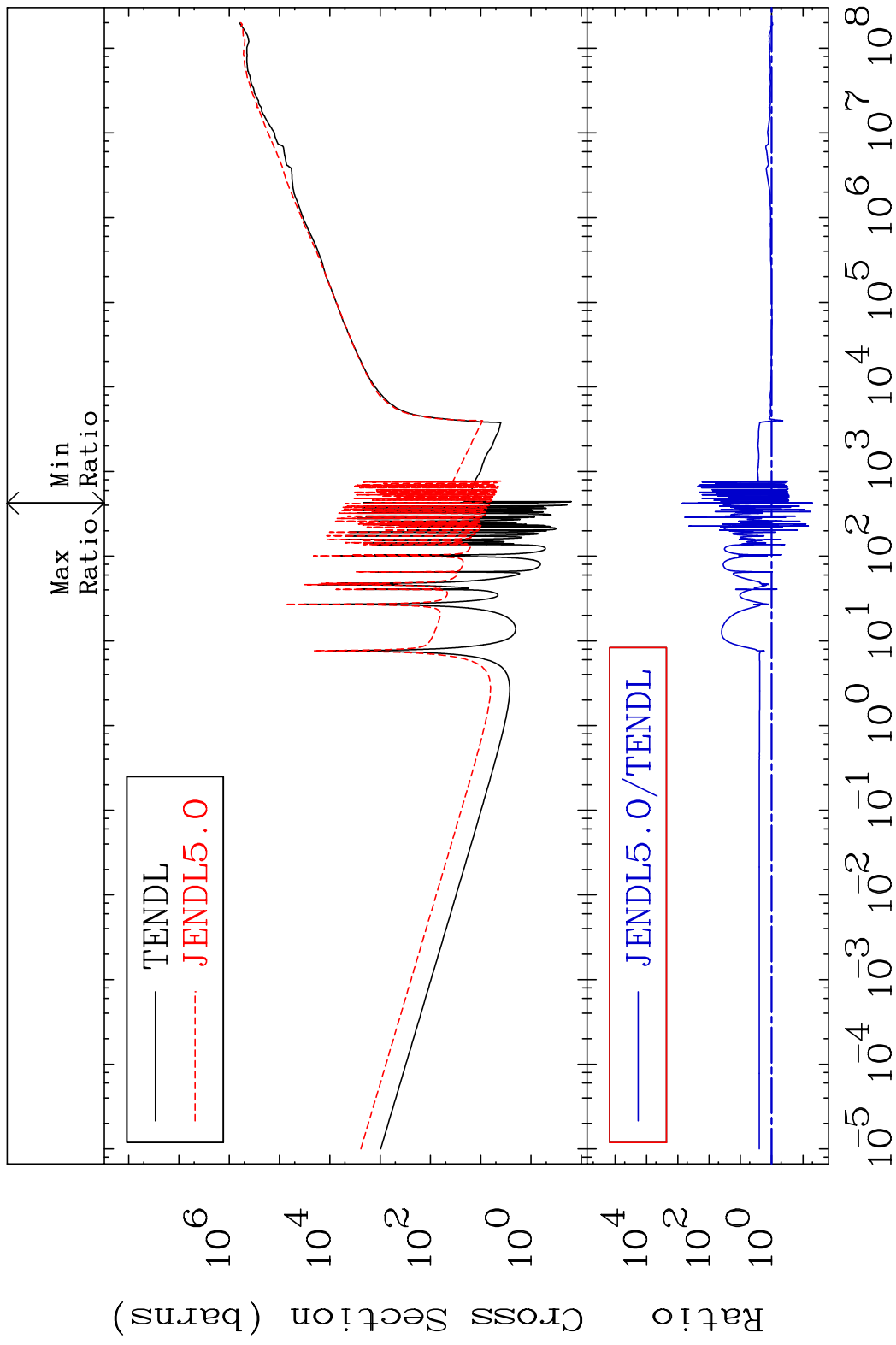
MAT 7434 Total photon (eV-barns) 74-W -183  
 Cross Section -99.66 To 9999. %



MAT 7434 Total kinematic kerma (high limit) 74-W -183  
 Cross Section -94.74 To 9999. %



MAT 7434      Dpa total (eV-barns)      74-W -183  
 Cross Section      -95.08 To 9999. %



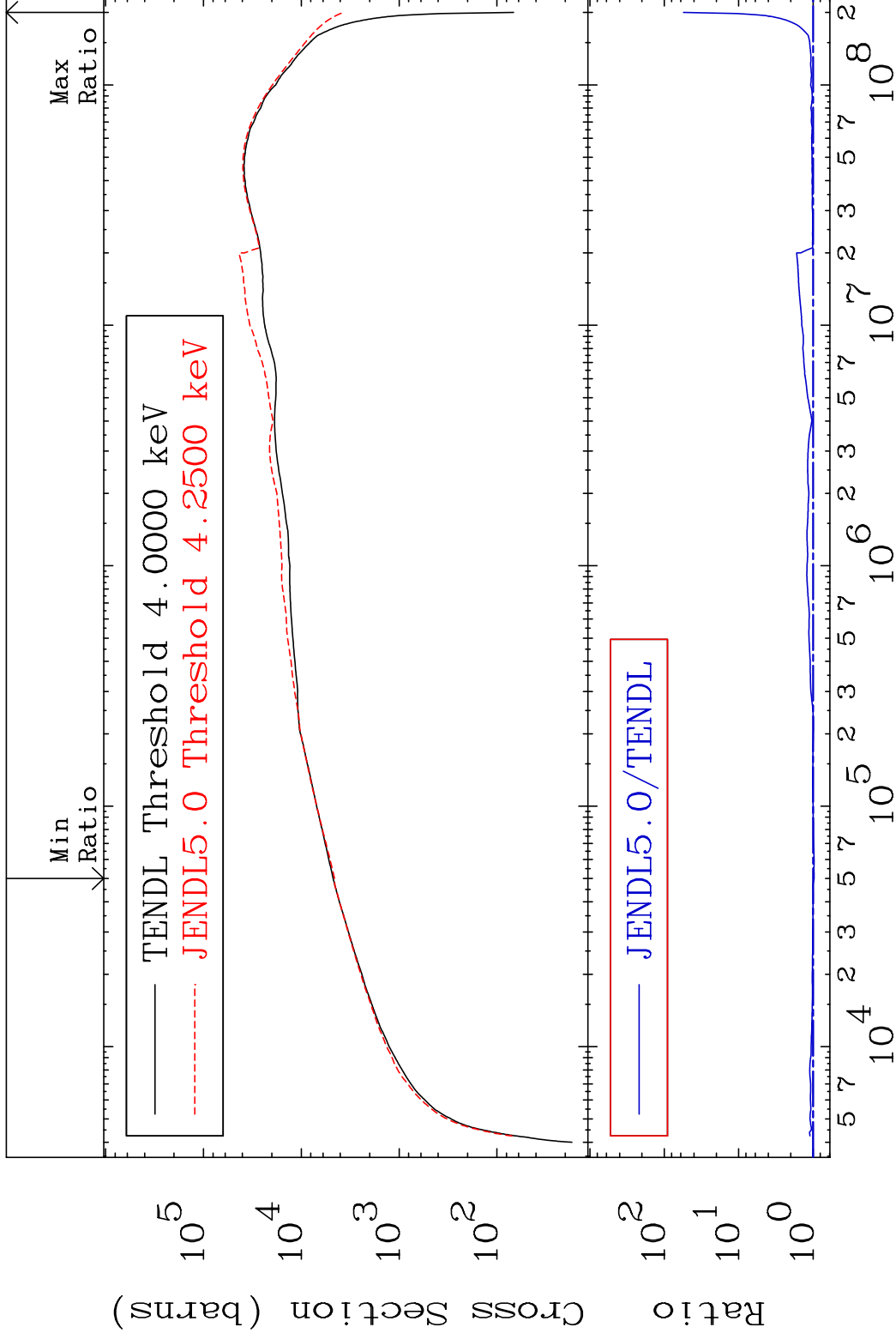


MAT 7434

Dpa elastic (mt2)

74-W -183

Cross Section -2.956 To 5436. %

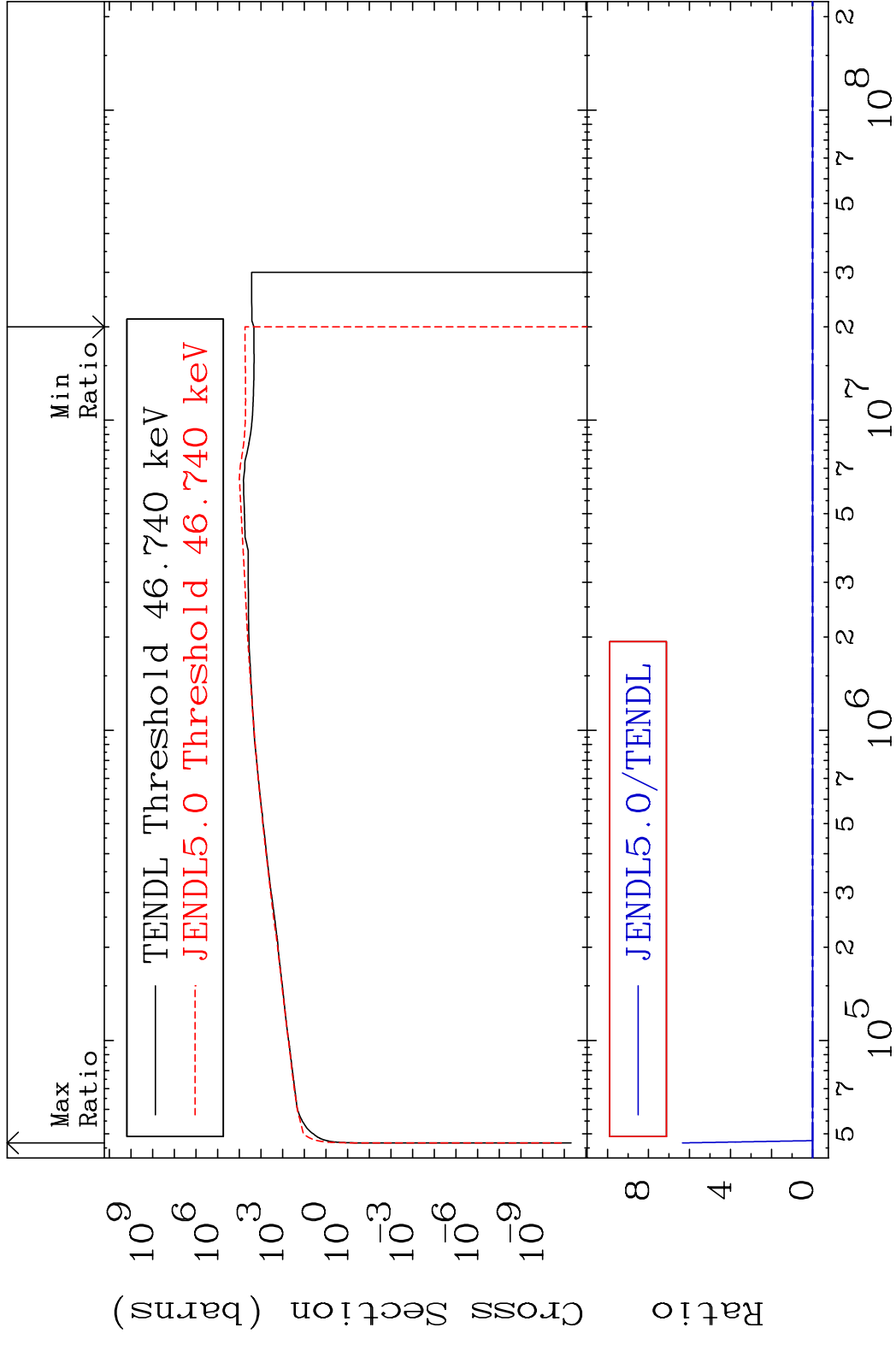


64

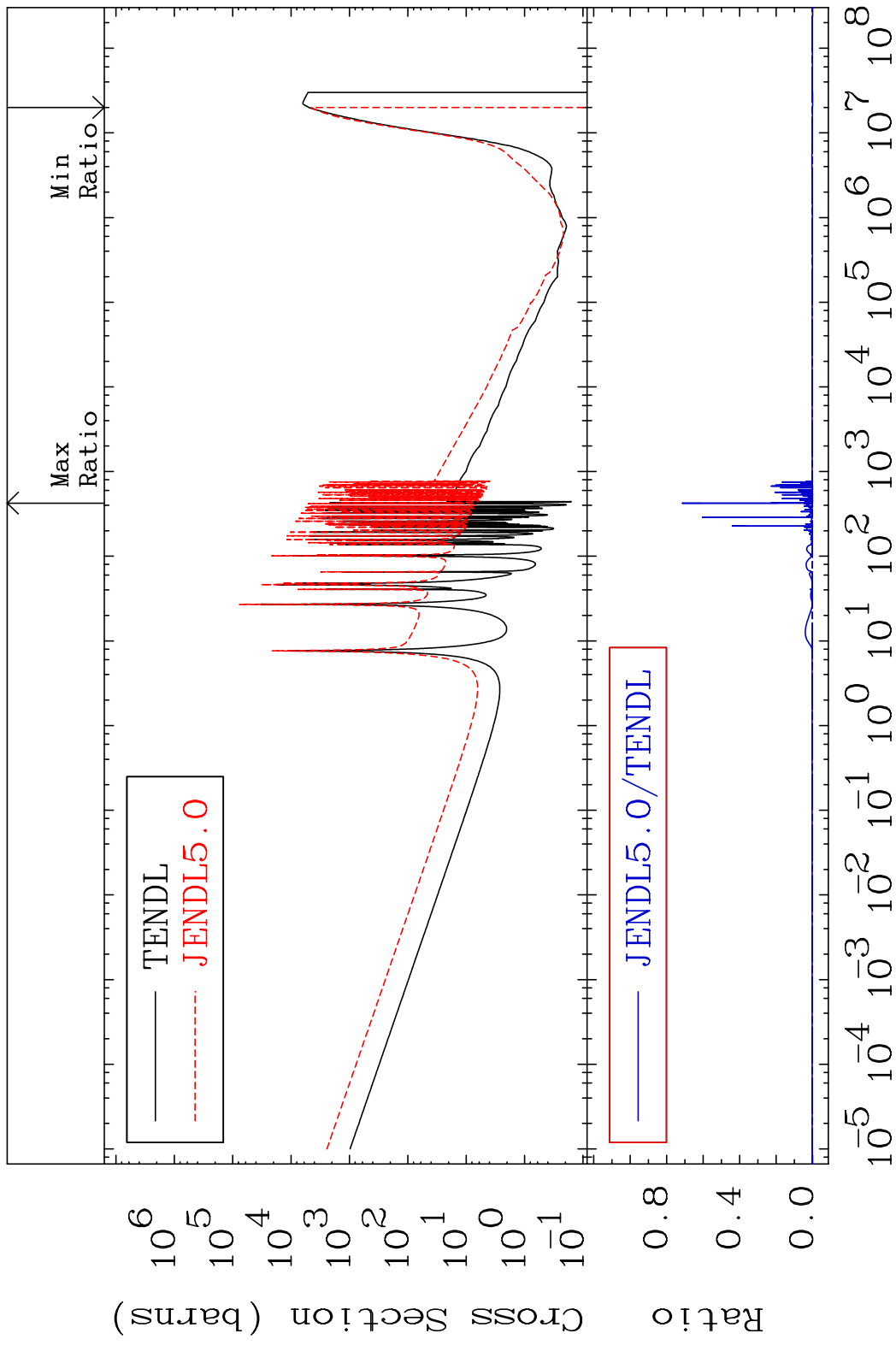
Incident Energy (eV)

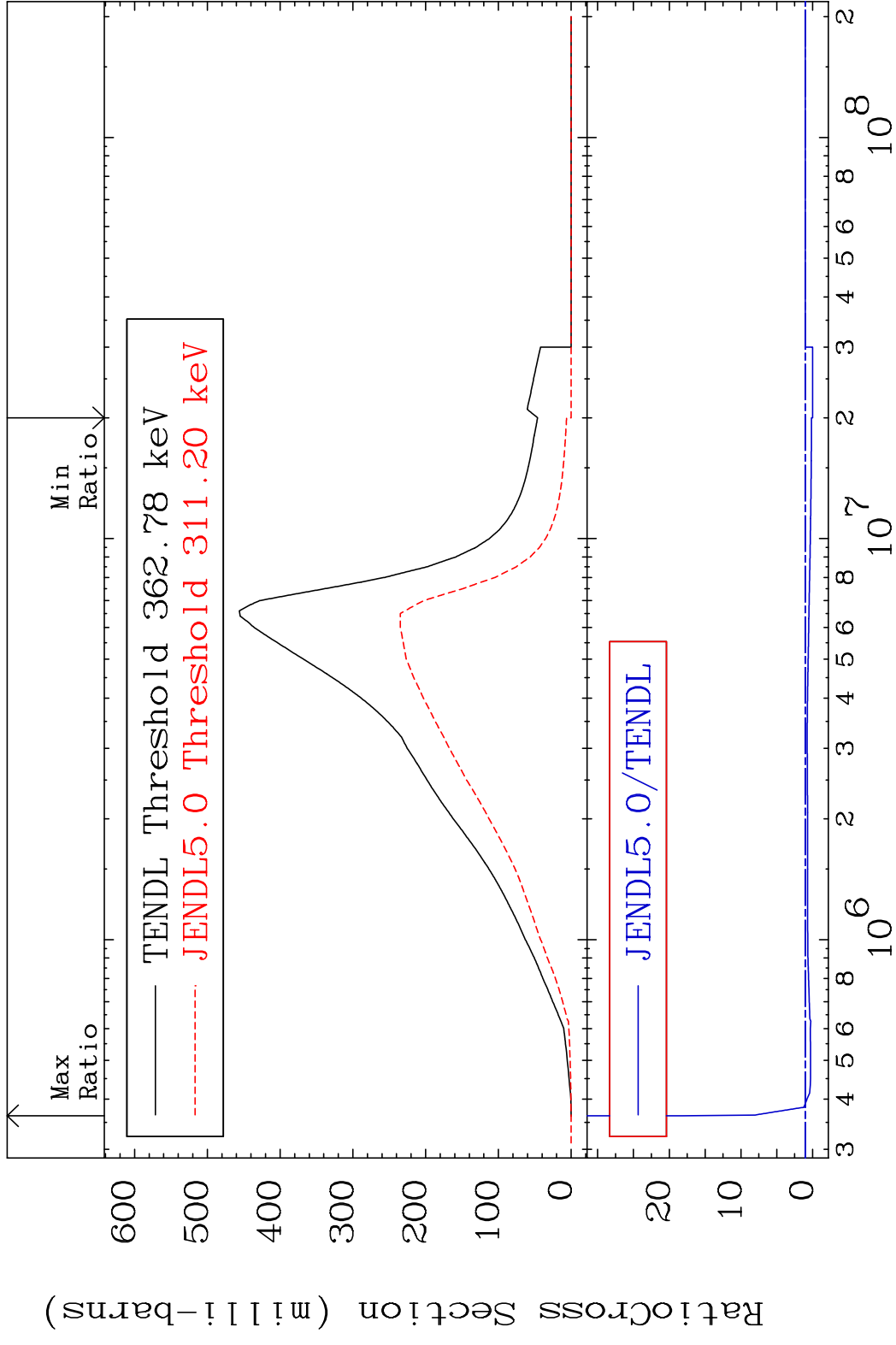
74-W -183

MAT 7434 Dpa inelastic (mt51-91) 74-W -183  
 Cross Section -100.0 To 9999. %

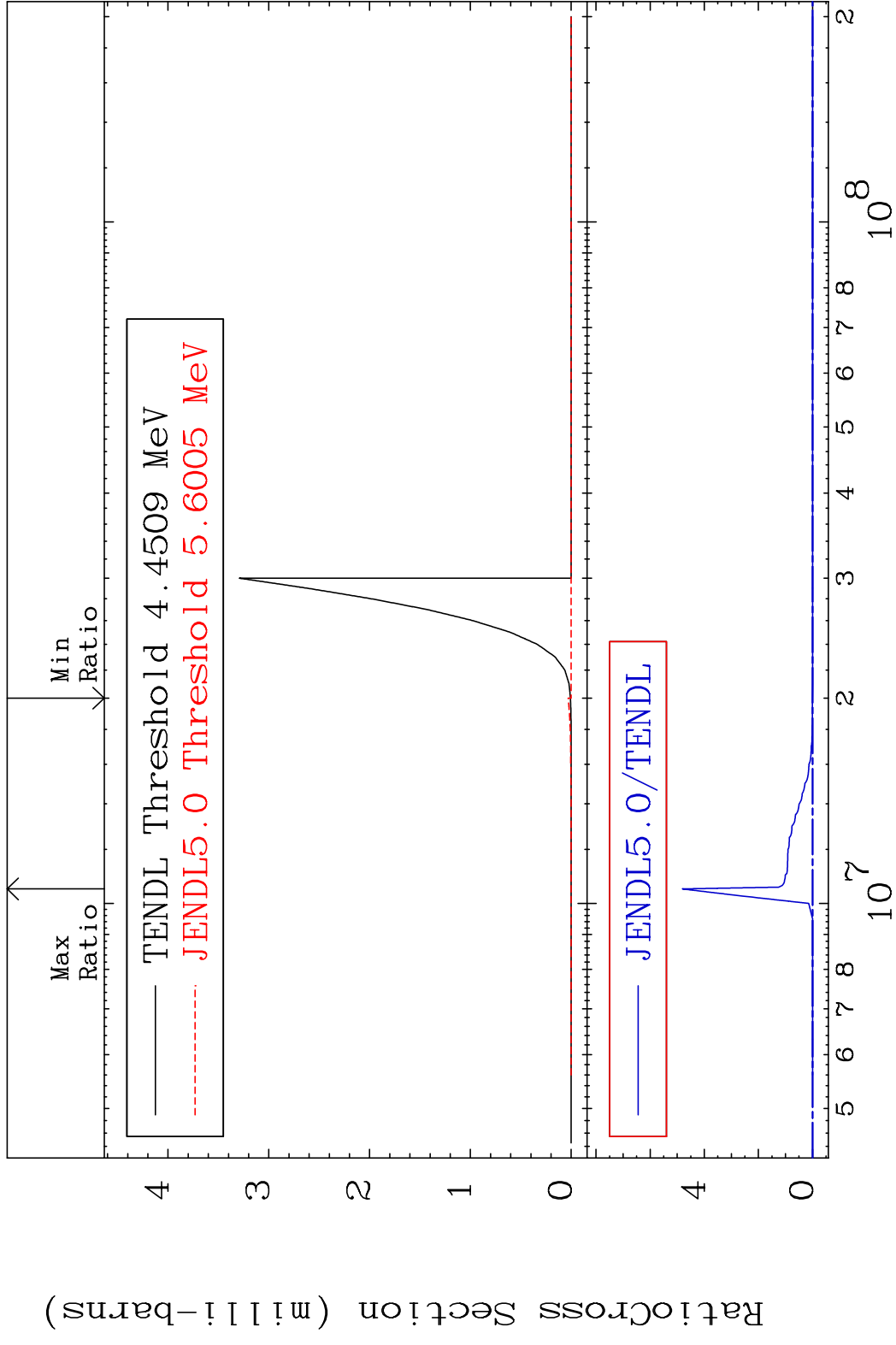


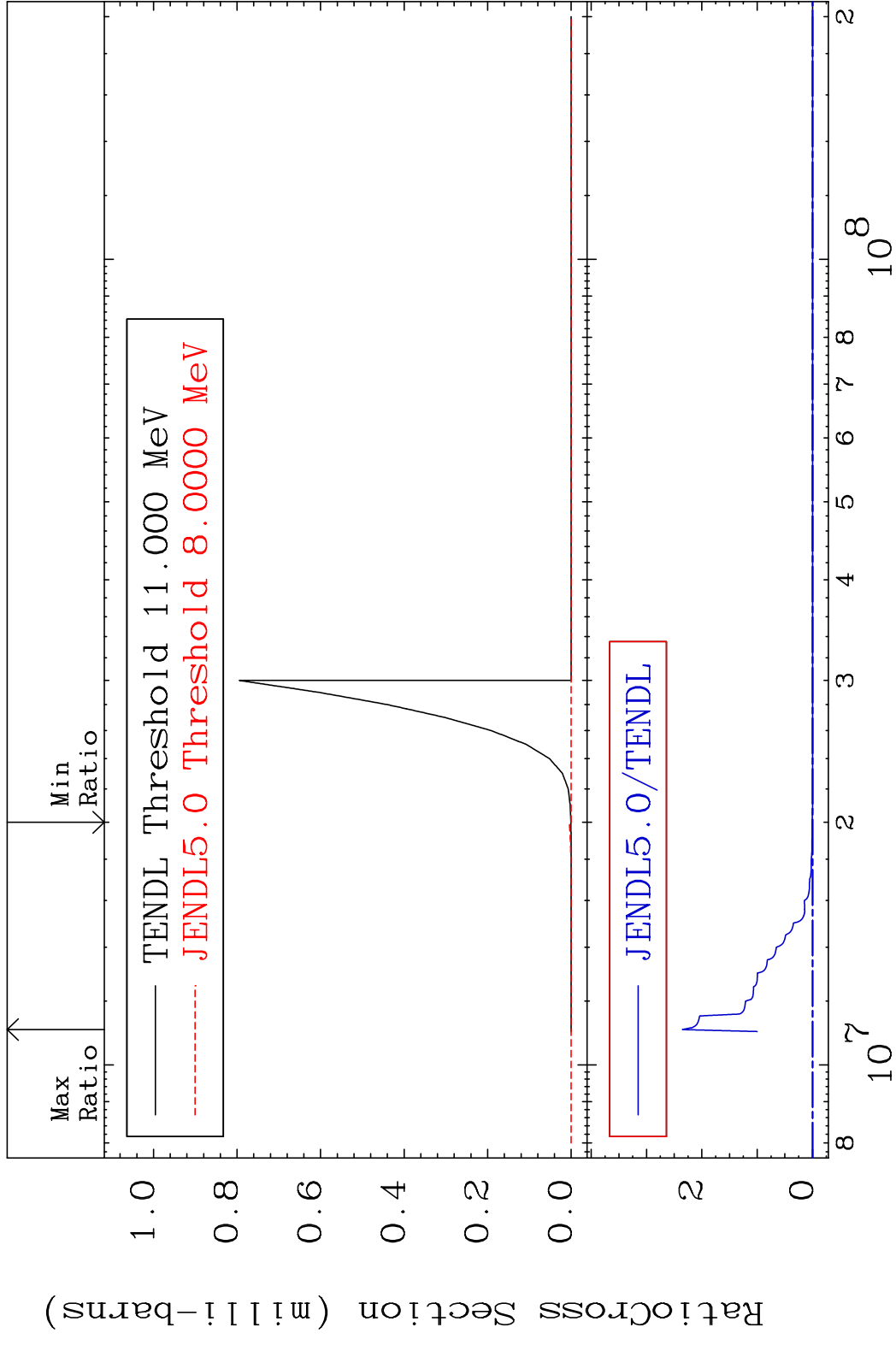
MAT 7434 Dpa disappearance (mt102 -120) 74-W -183  
 Cross Section -100.0 To 9999. %



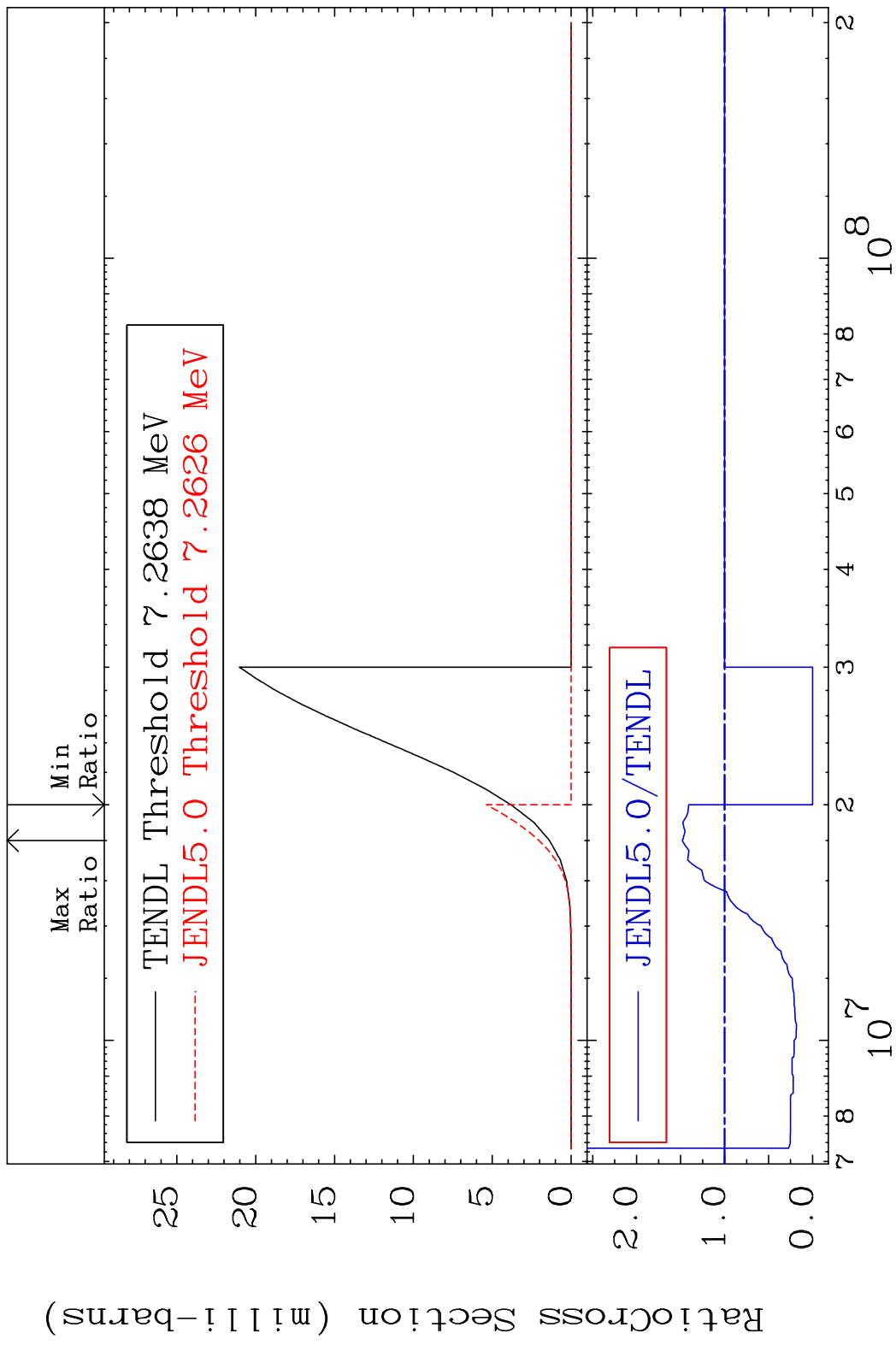


MAT 7434 (n,2n)  $\alpha$ :72-Hf-178g 74-W -183  
 Radionuclide Production Cross Section 18000 to 9999. %

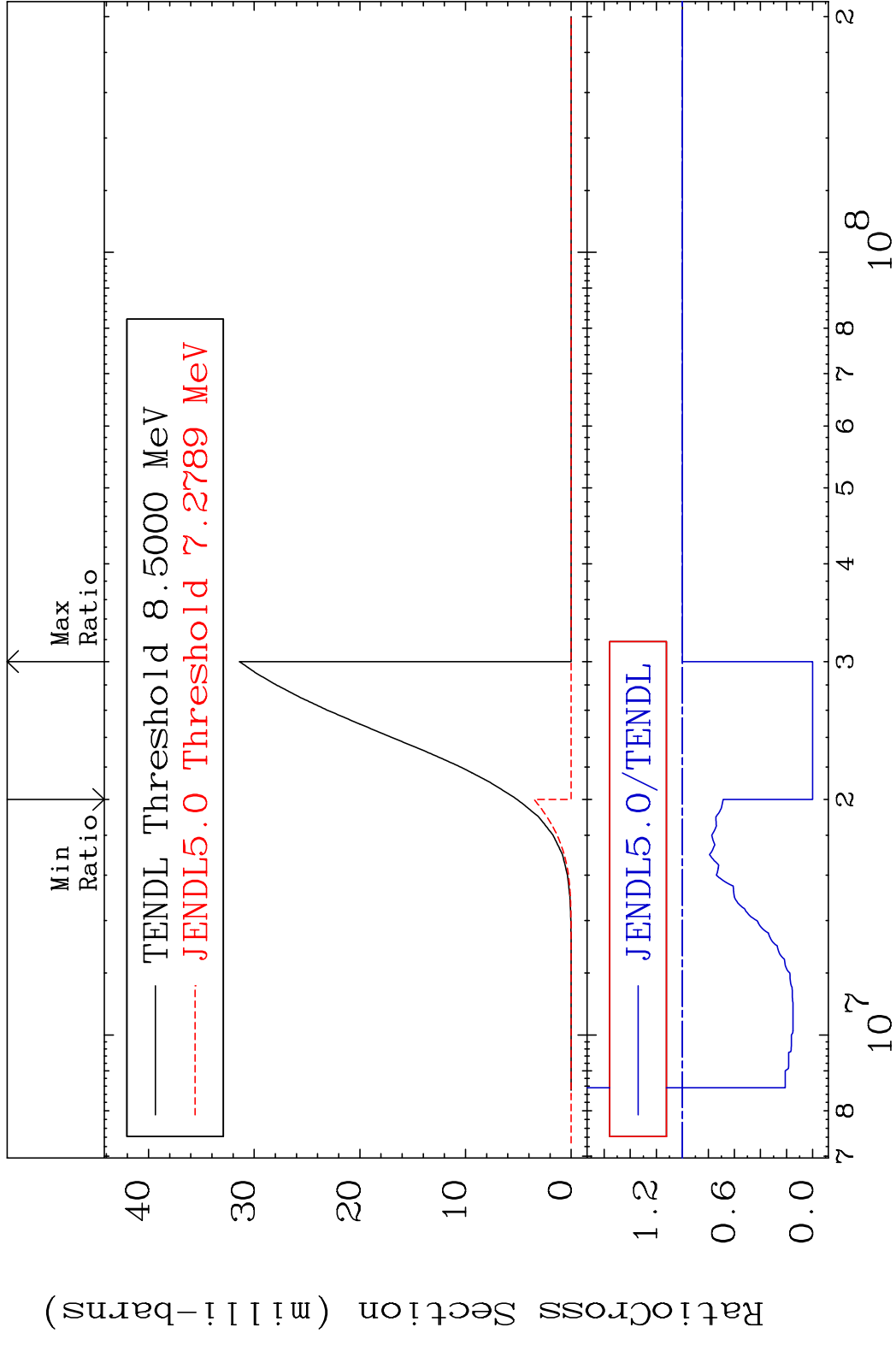




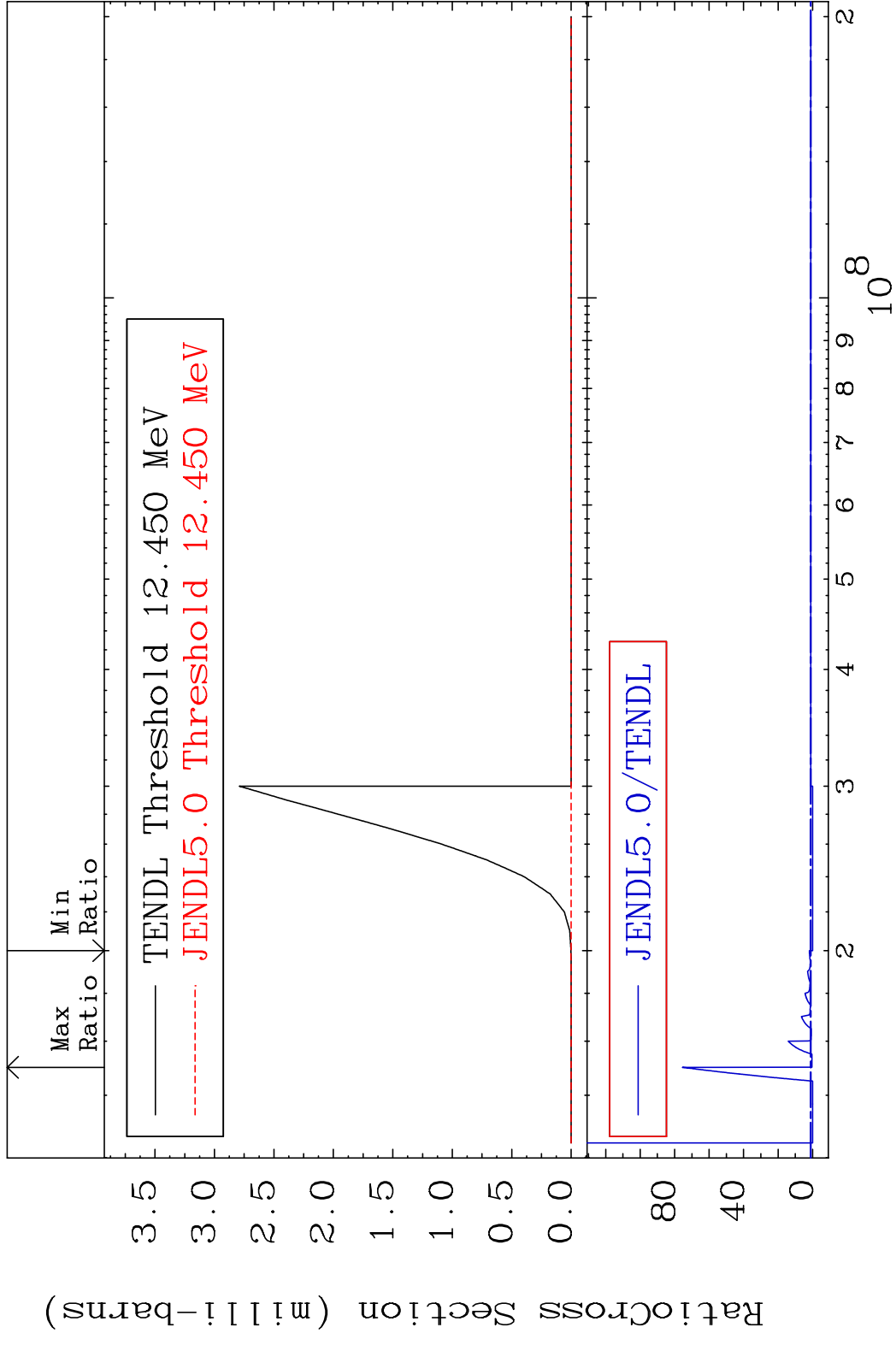
MAT 7434 (n, n') p:73-Ta-182g 74-W -183  
 Radionuclide Production Cross Section Ratio 48.03 %

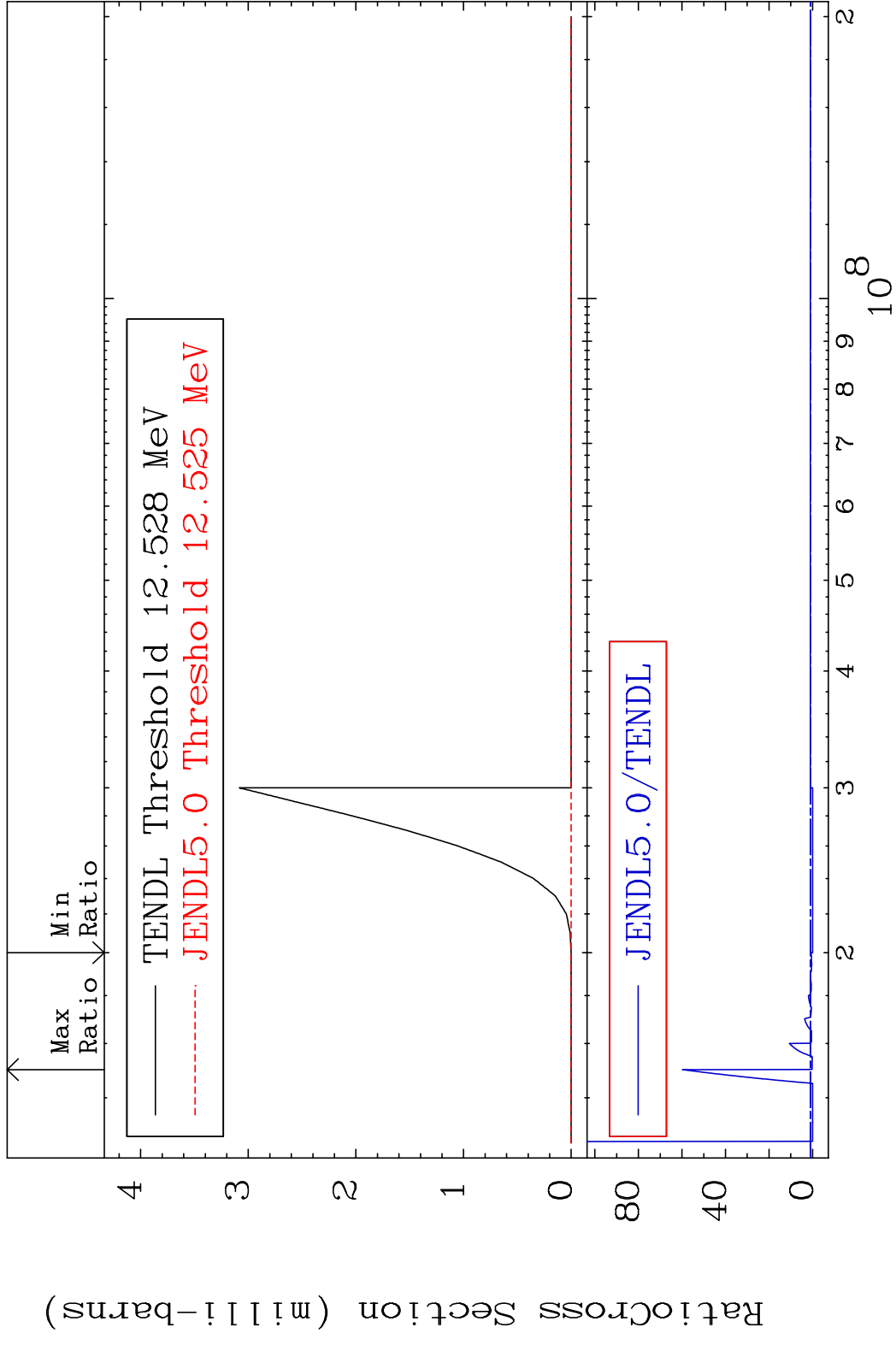


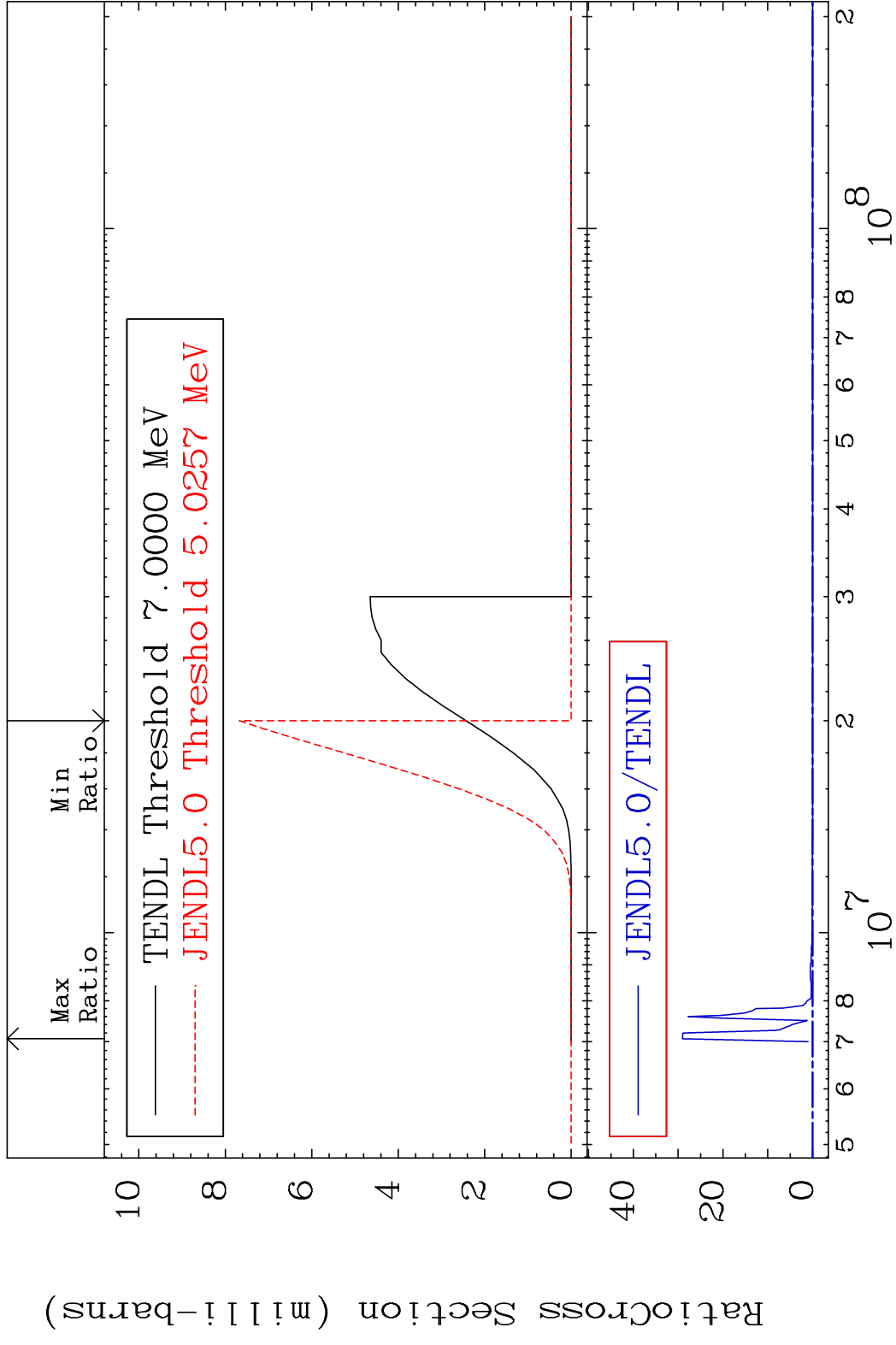
70 Incident Energy (eV) 74-W -183











MAT 7434 (n, d):73-Ta-182m1 74-W -183  
 Radionuclide Production Cross Section Ratio 9999. %

