

Program Complot  
(Version 2021-1)

by

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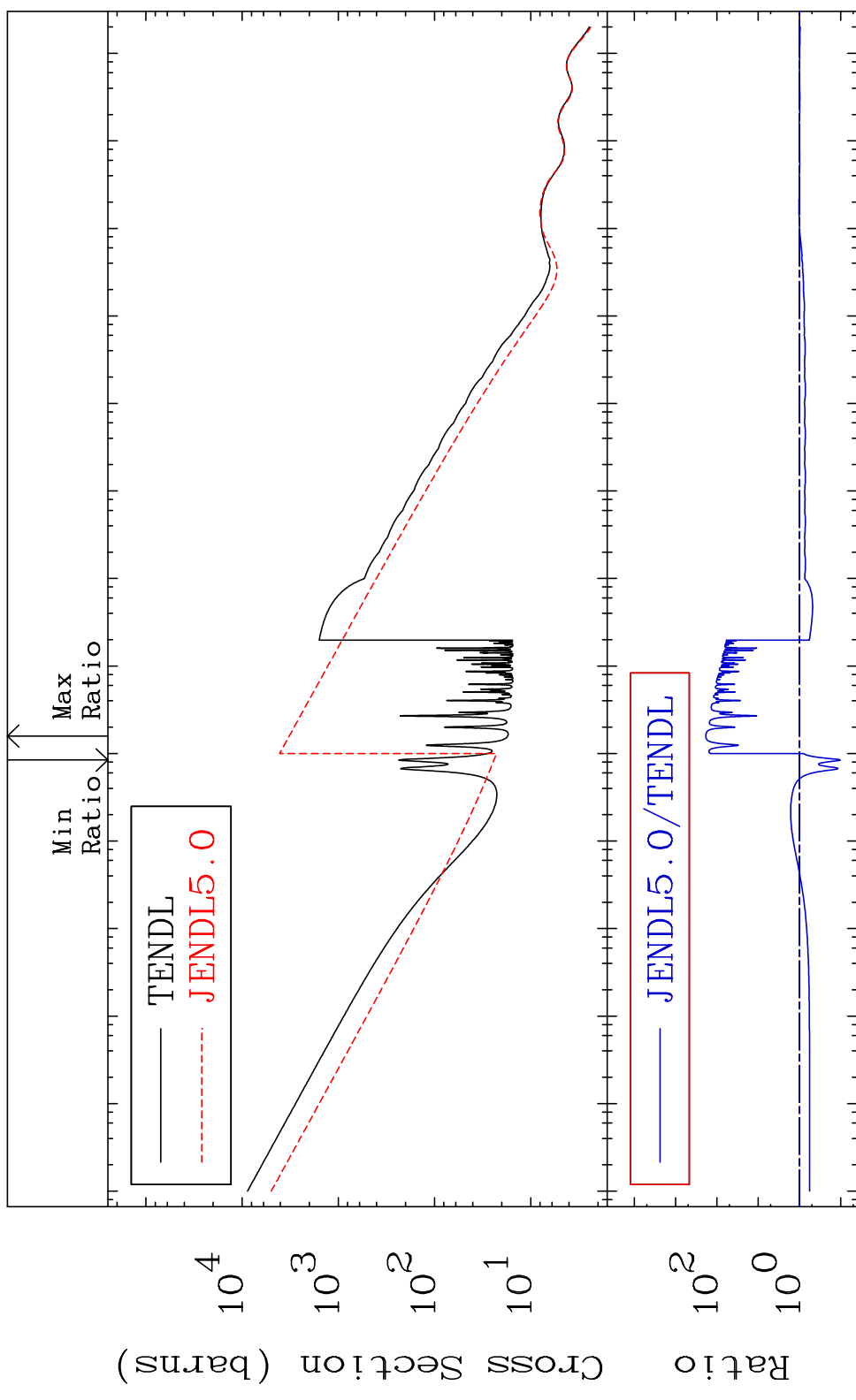
Press Mouse Button to Start

MAT 6522

Total

65-Tb-158

Cross Section -89.81 To 9999. %



1

Incident Energy (eV)

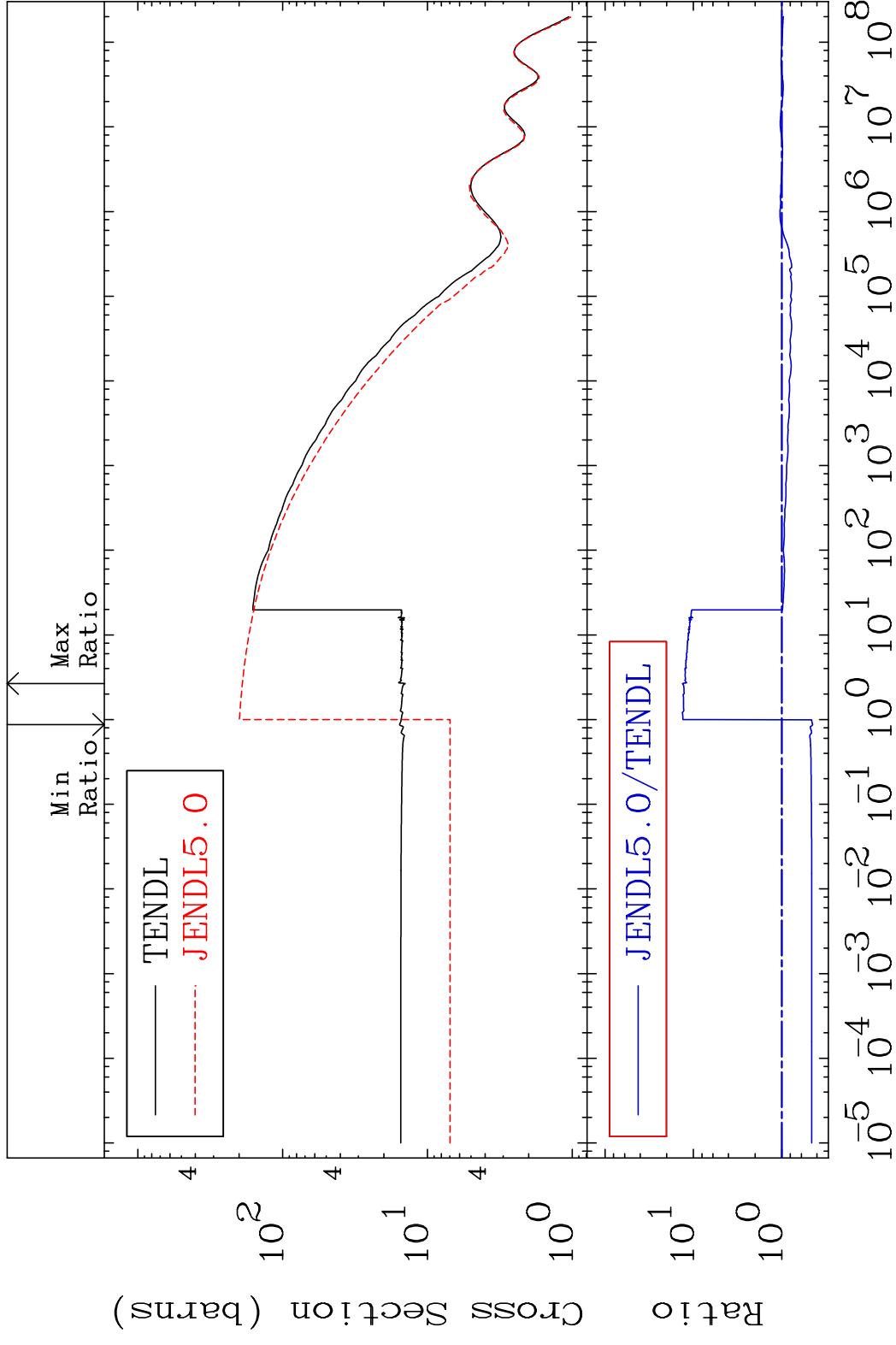
65-Tb-158

MAT 6522

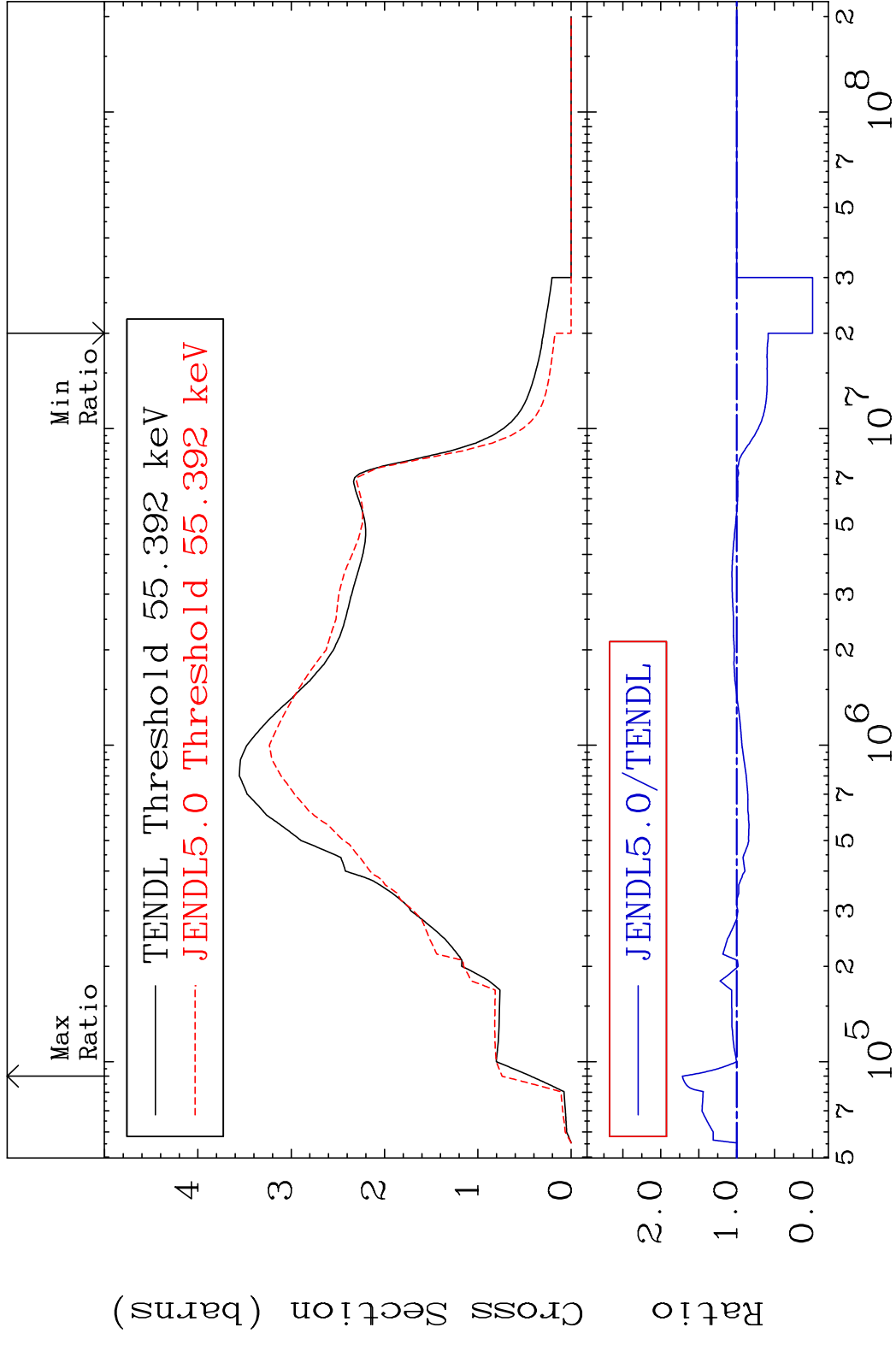
65-Tb-158

Elastic

Cross Section -55.18 To 1232. %



MAT 6522                      Inelastic                      65-Tb-158  
 Cross Section                      -100.0 To 71.59 %

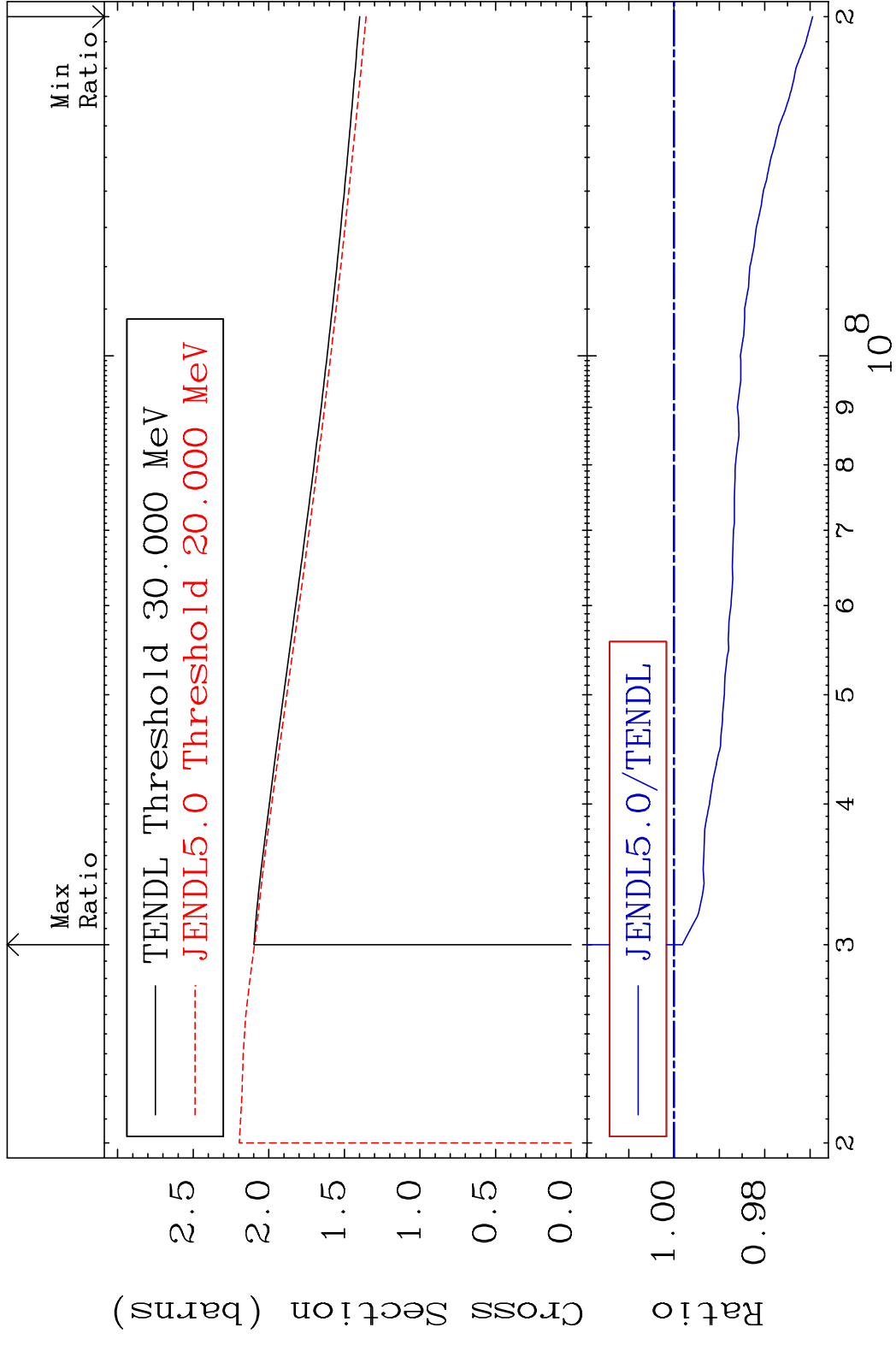


MAT 6522

(n, remainder)

65-Tb-158

Cross Section -3.053 To -0.183%

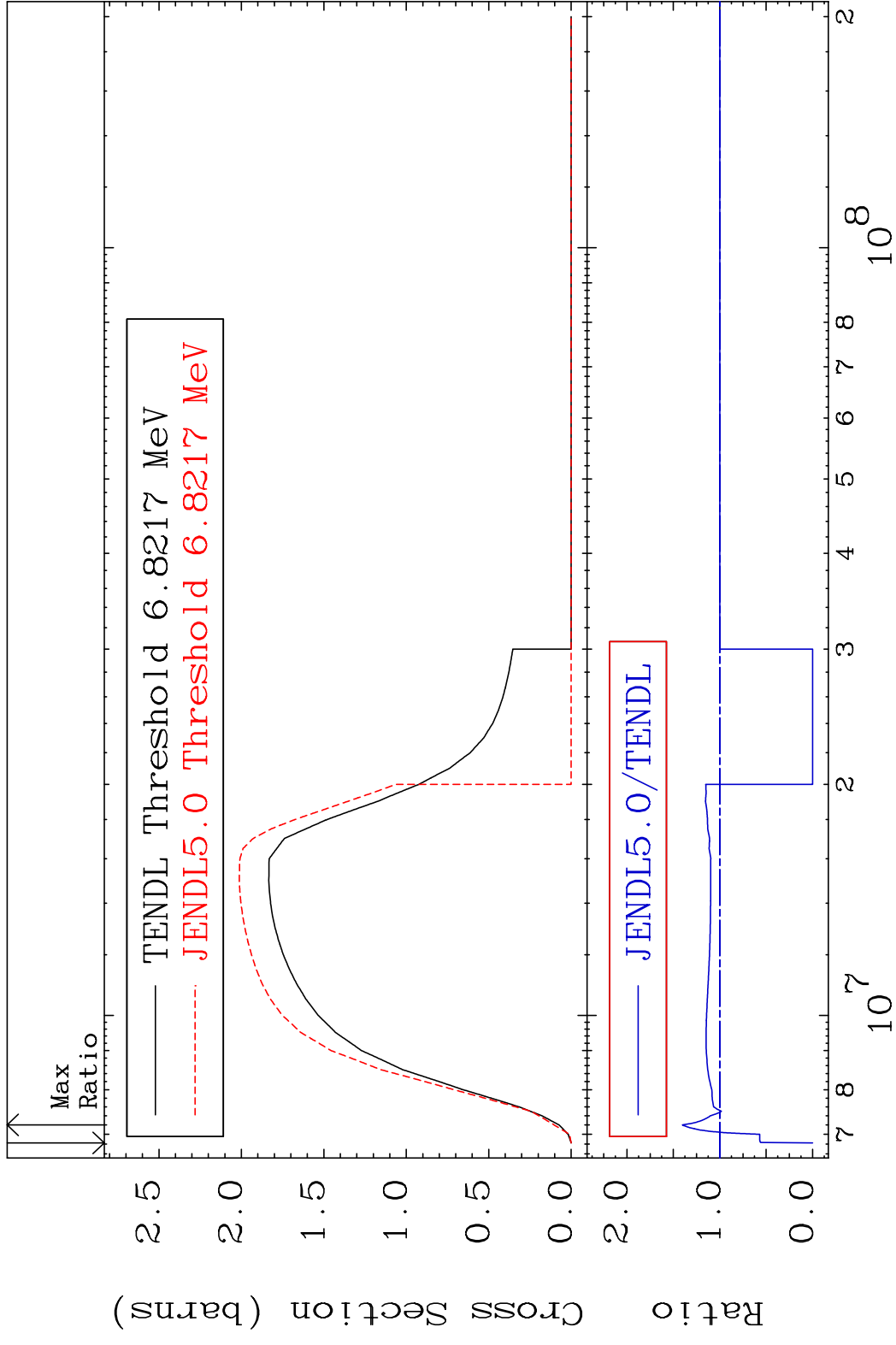


4

Incident Energy (eV)

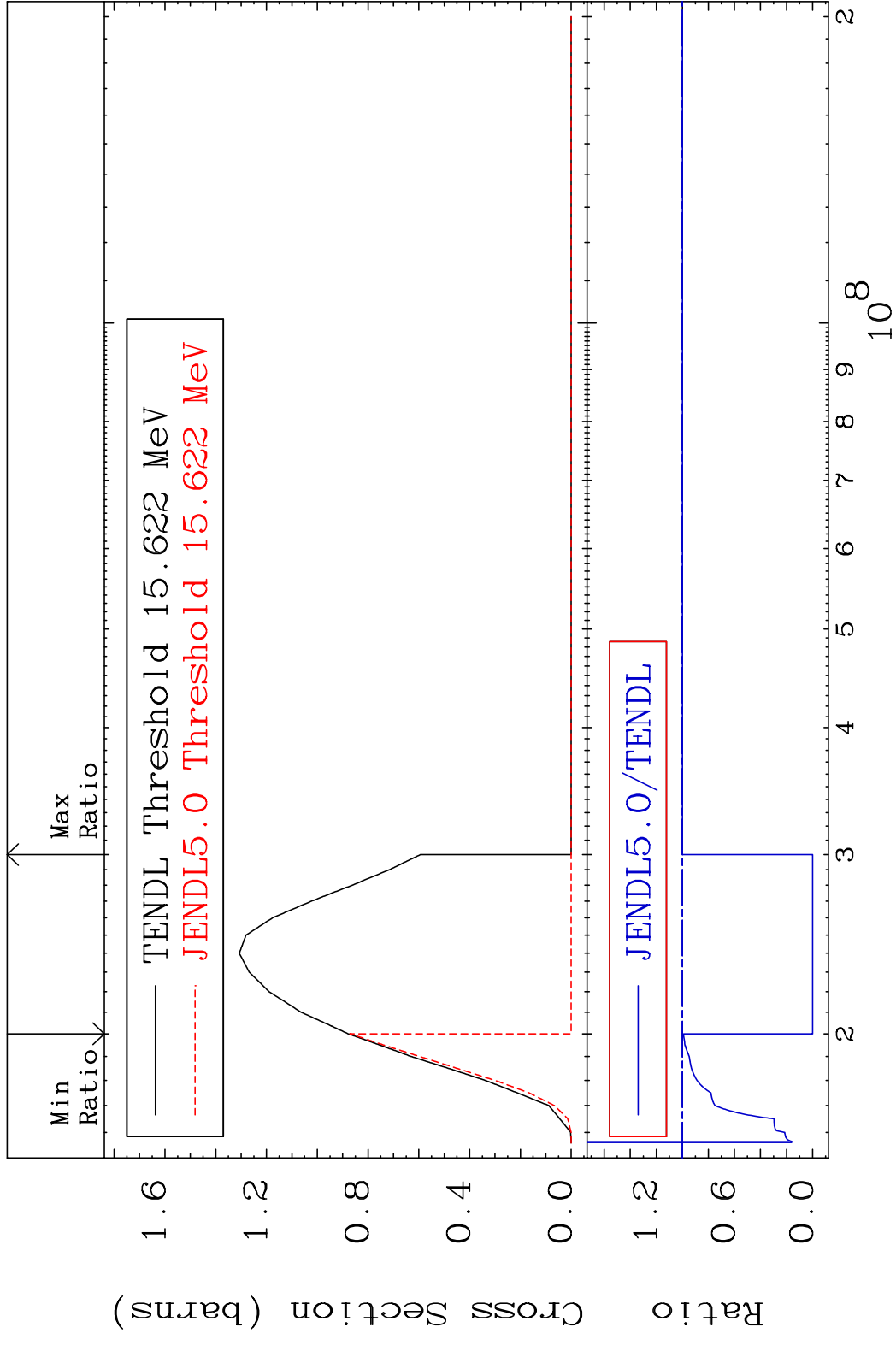
65-Tb-158

MAT 6522 (n,2n) 65-Tb-158  
 Cross Section -100.0 To 40.29 %

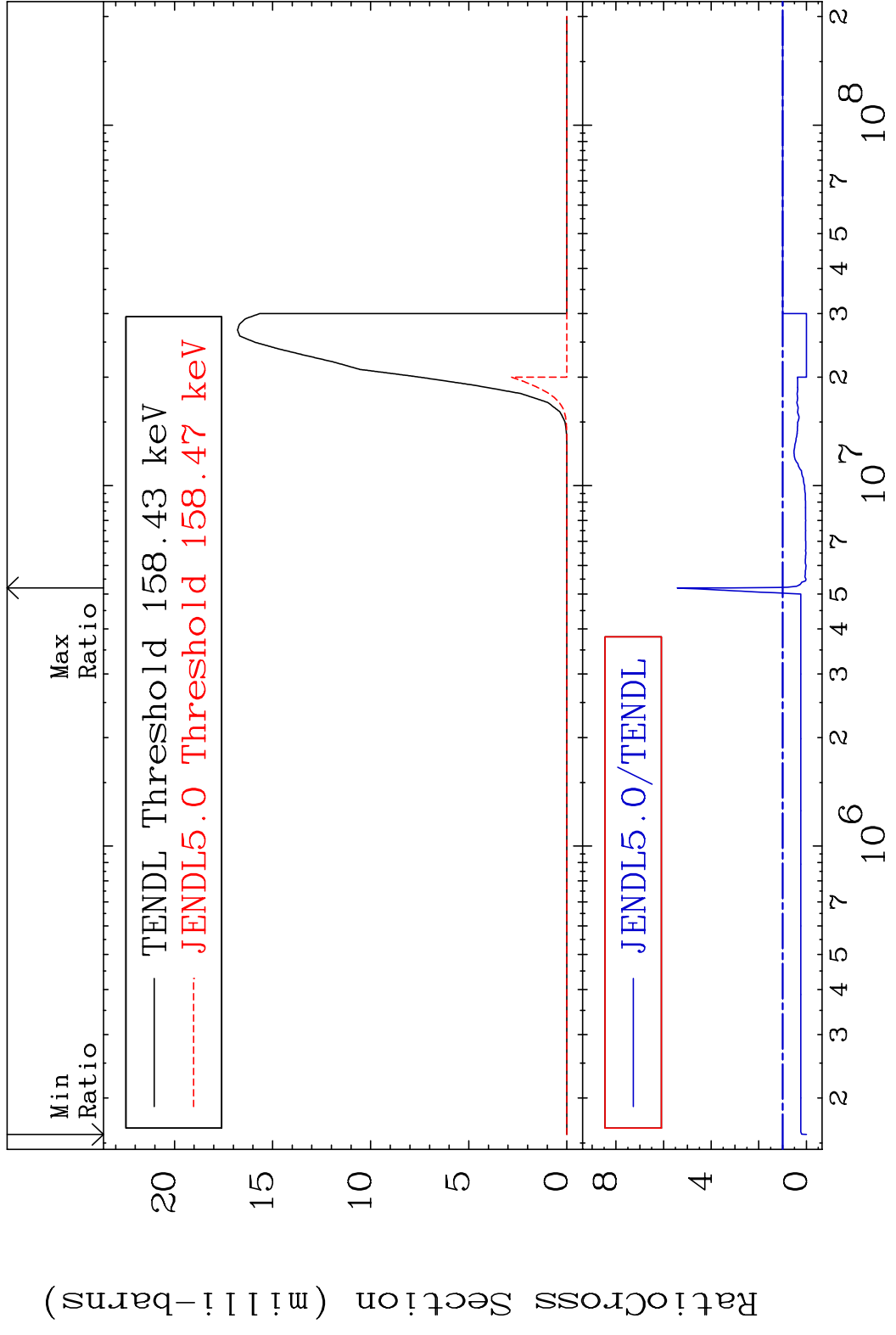


5 Incident Energy (eV) 65-Tb-158

MAT 6522 (n,3n) 65-Tb-158  
 Cross Section -100.0 To 0.000 %



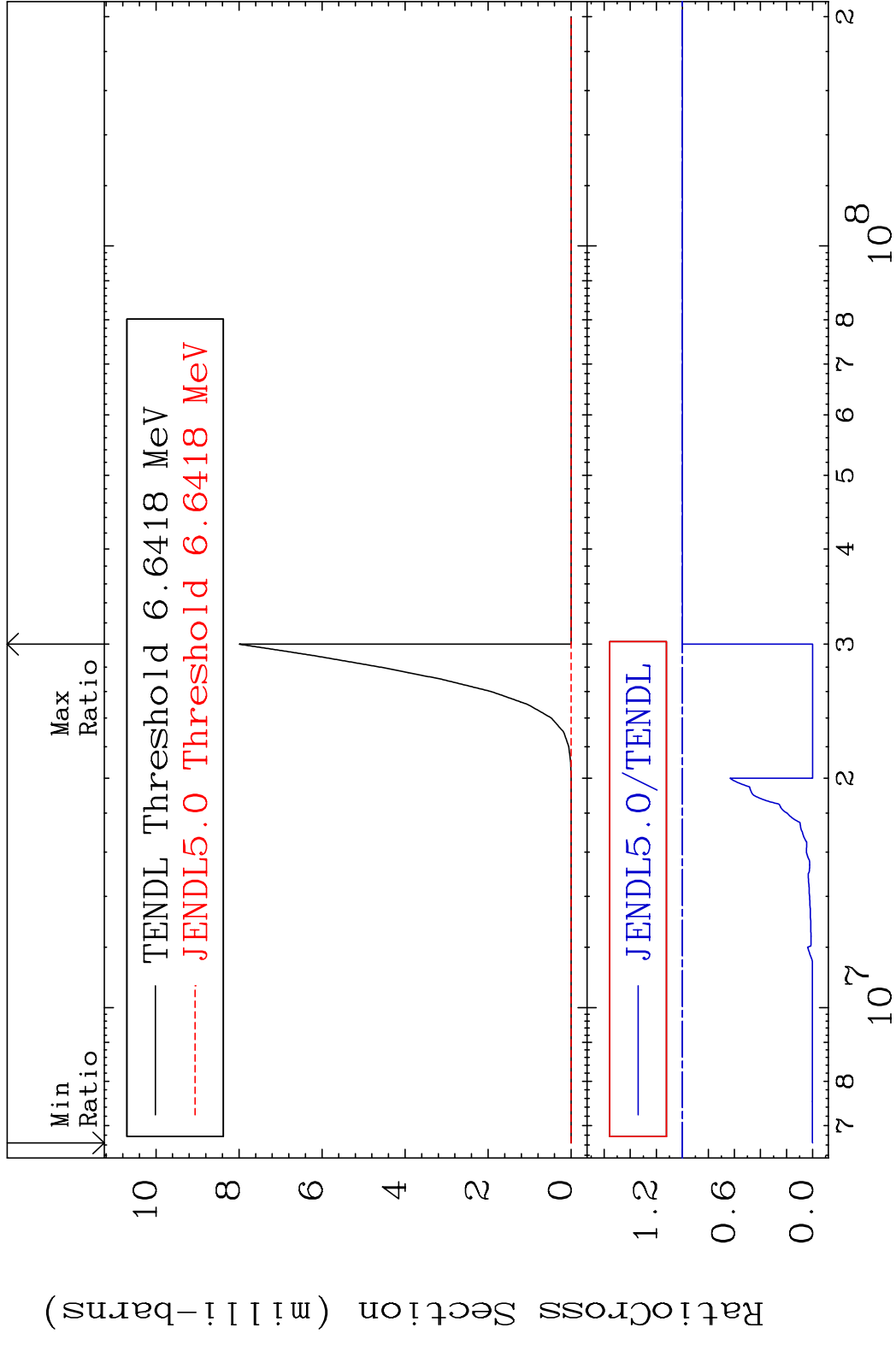
MAT 6522 (n, n')  $\alpha$  65-Tb-158  
 Cross Section -100.0 To 442.9 %



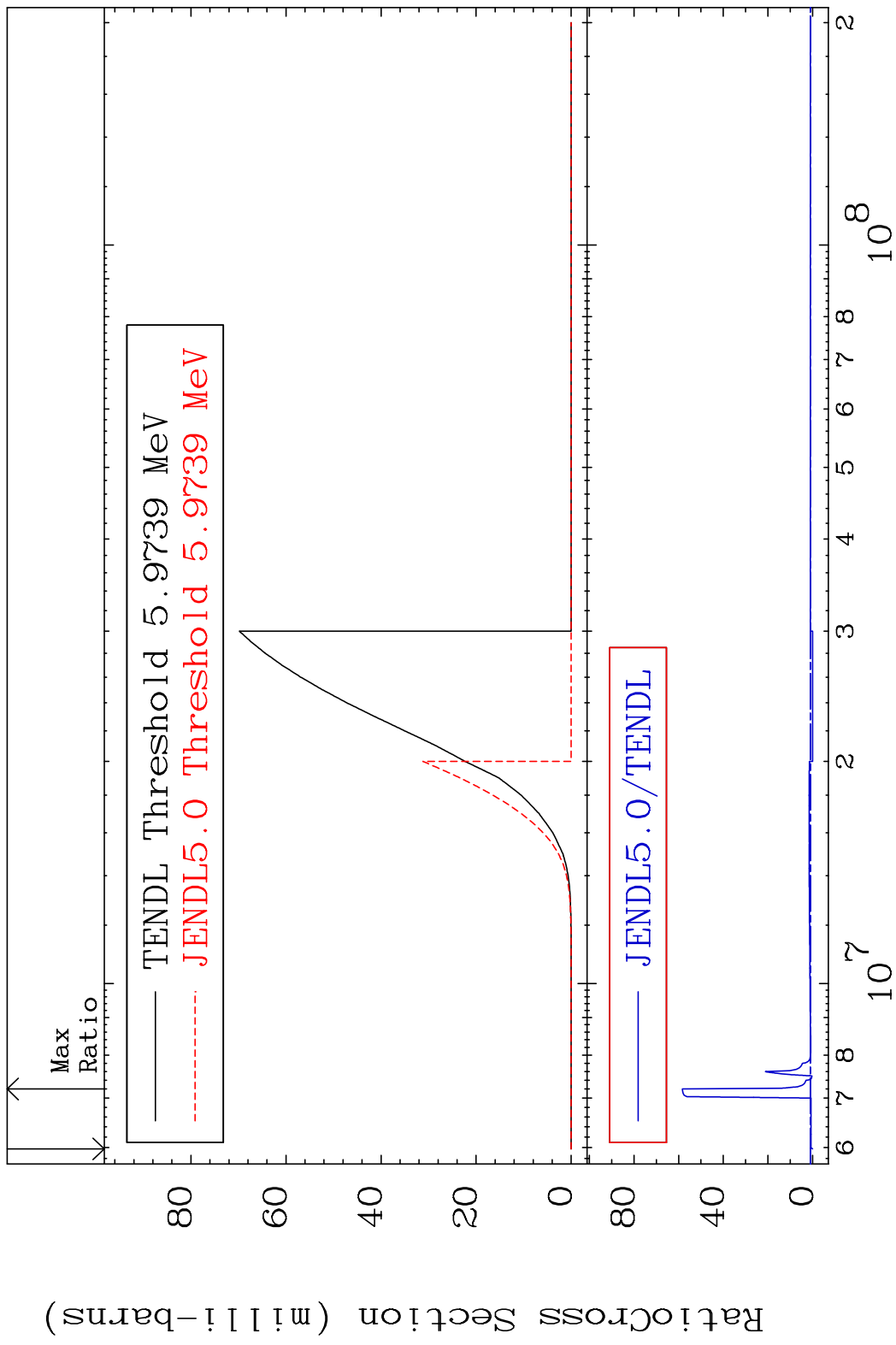
7 65-Tb-158



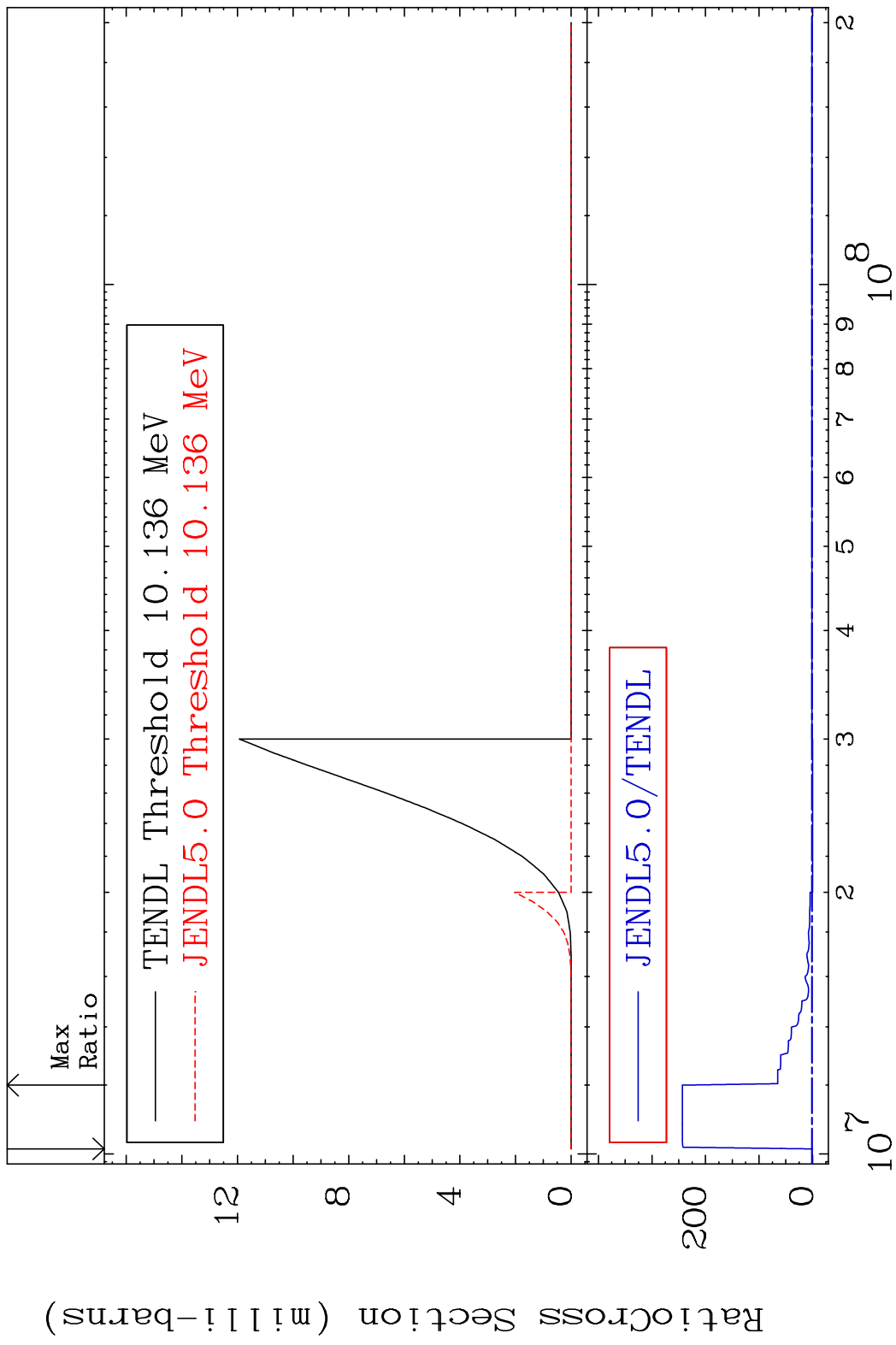
MAT 6522 (n,2n)  $\alpha$  65-Tb-158  
 Cross Section -100.0 To 0.000 %



MAT 6522 (n, n') p 65-Tb-158  
 Cross Section -100.0 To 5733. %

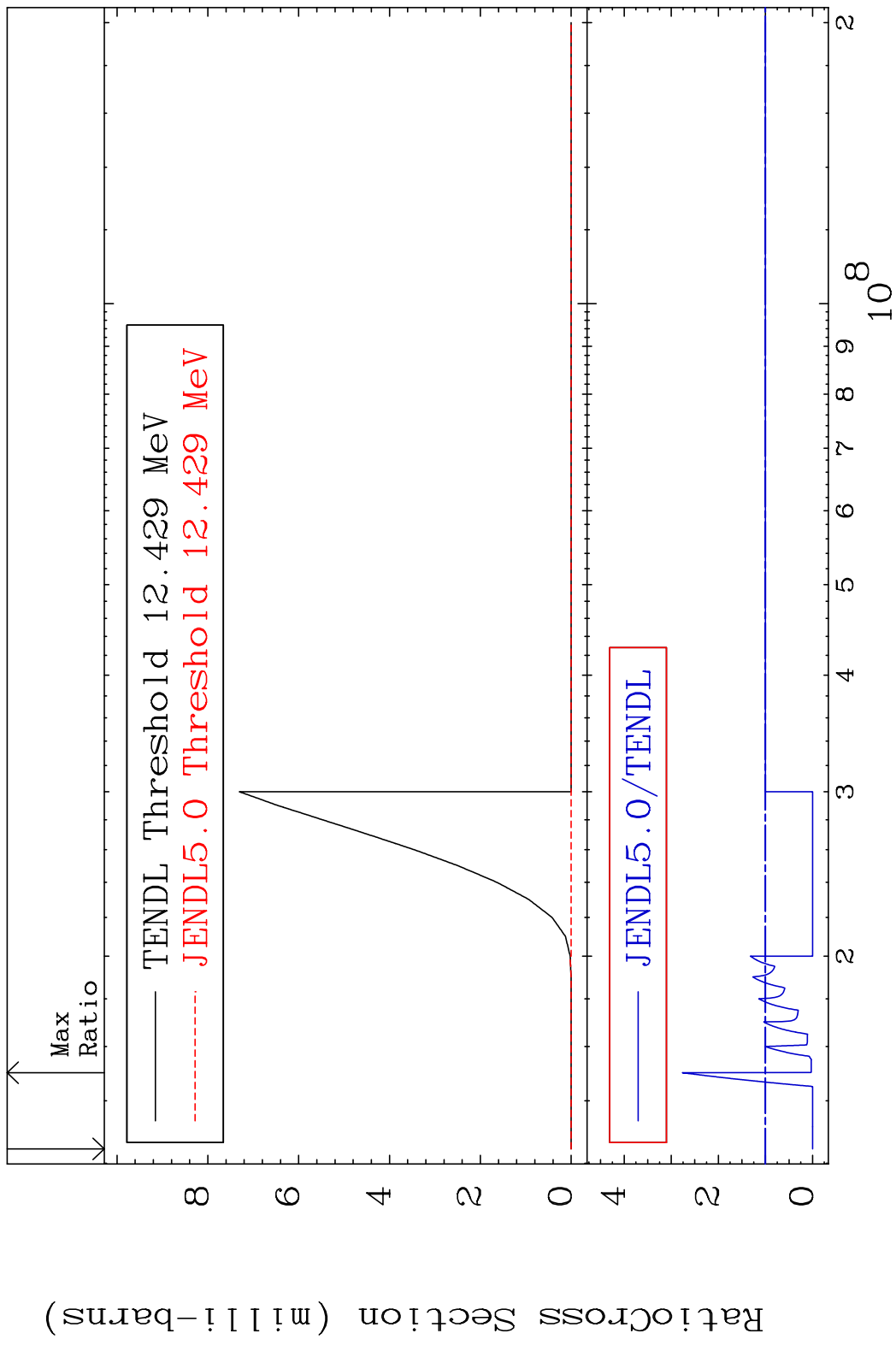


MAT 6522 (n, n') d 65-Tb-158  
Cross Section -100.0 To 9999. %

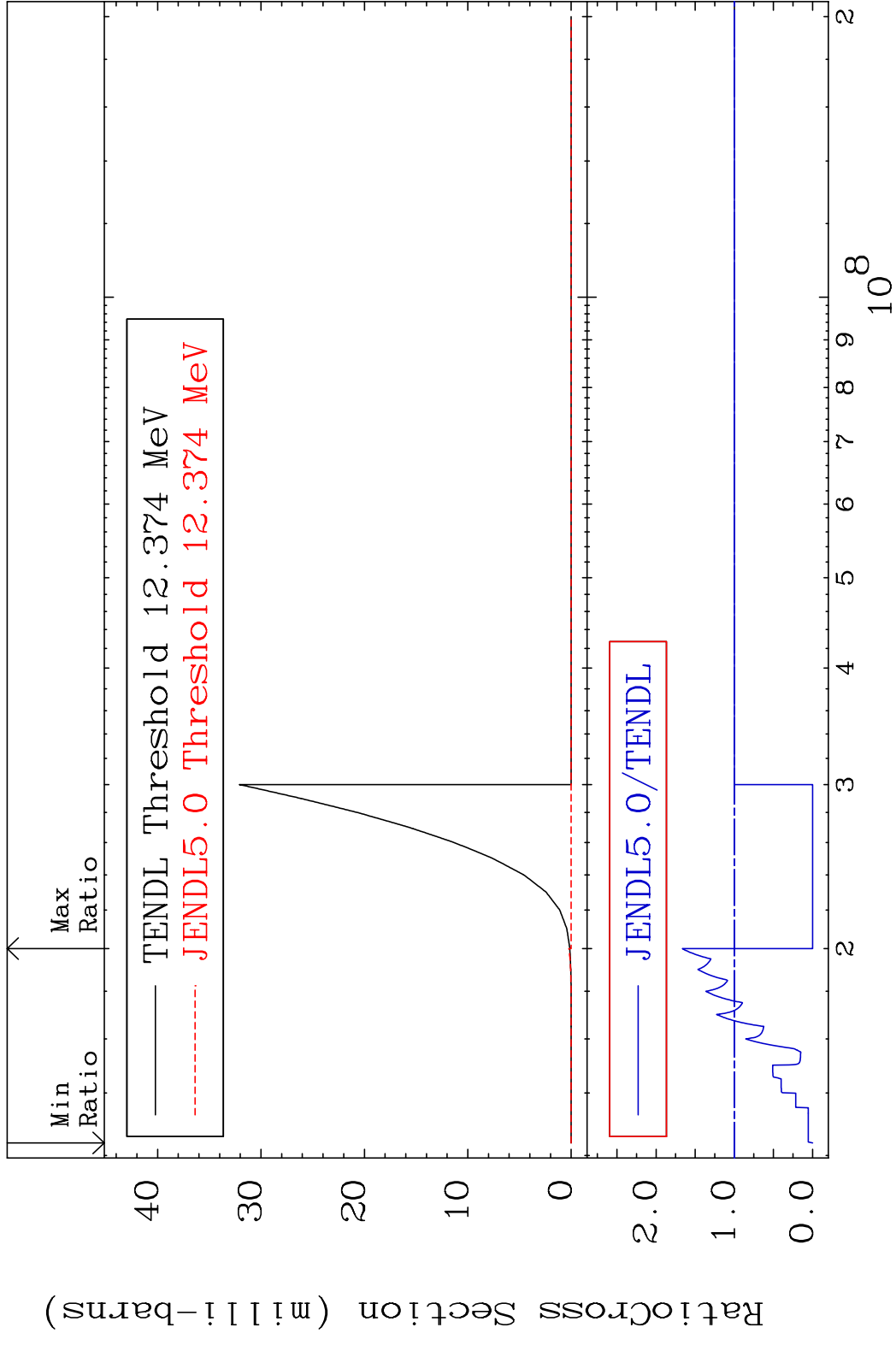


10 10 2 65-Tb-158

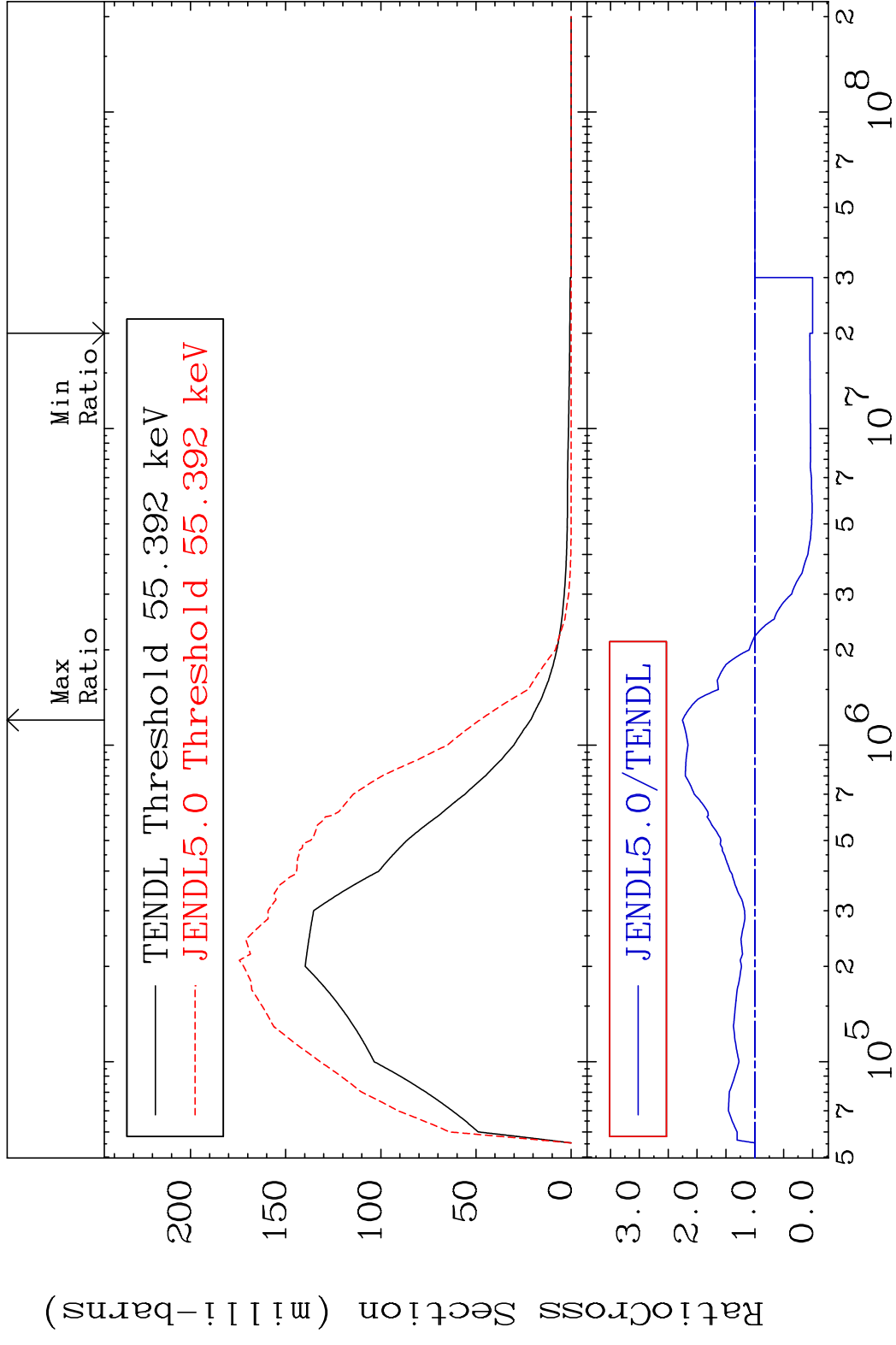
MAT 6522 (n, n') t 65-Tb-158  
 Cross Section -100.0 To 176.5 %



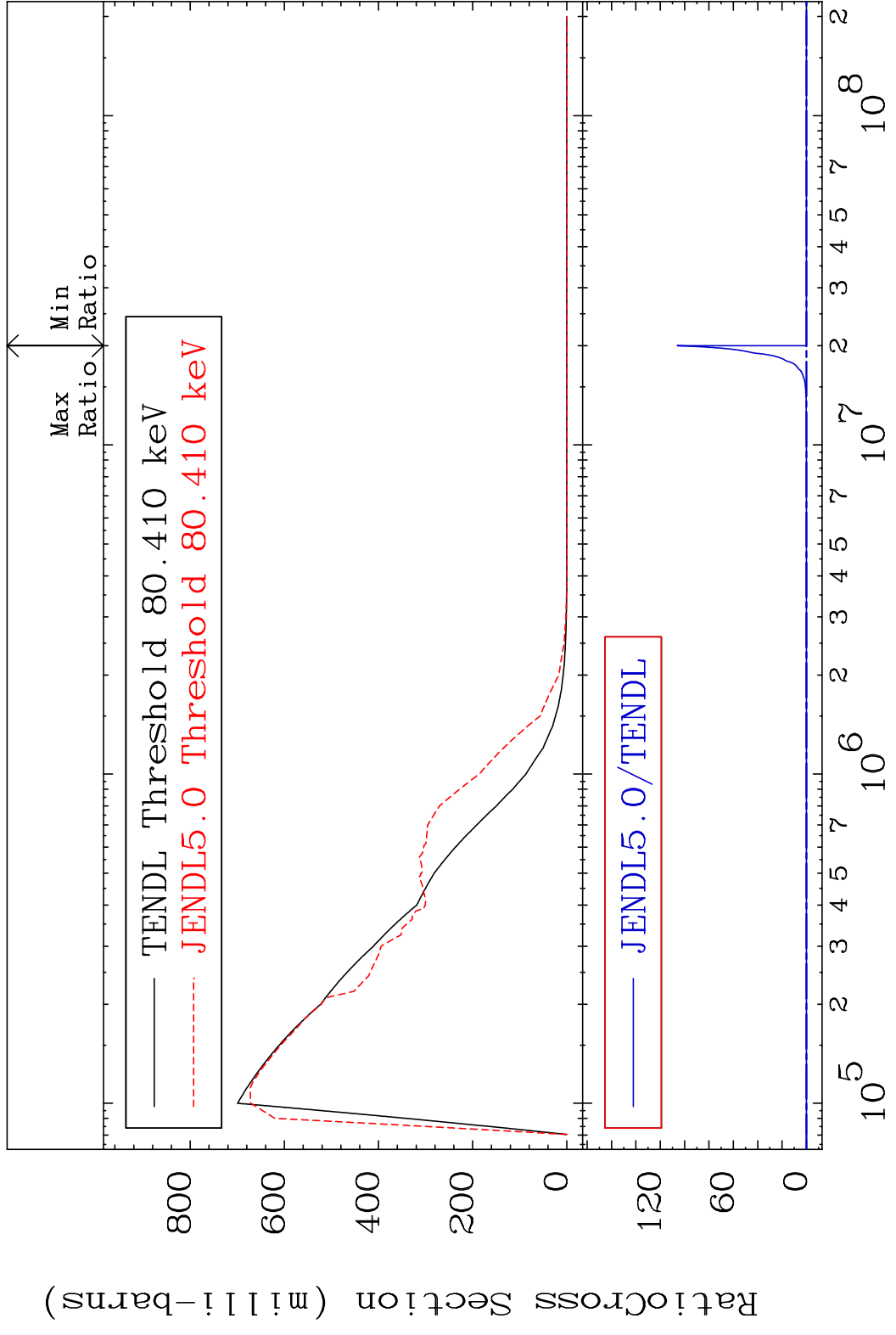
MAT 6522 (n,2n) p 65-Tb-158  
 Cross Section -100.0 To 66.39 %



MAT 6522 MT= 51 (n, n') Level 65-Tb-158  
 Cross Section -100.0 To 125.5 %

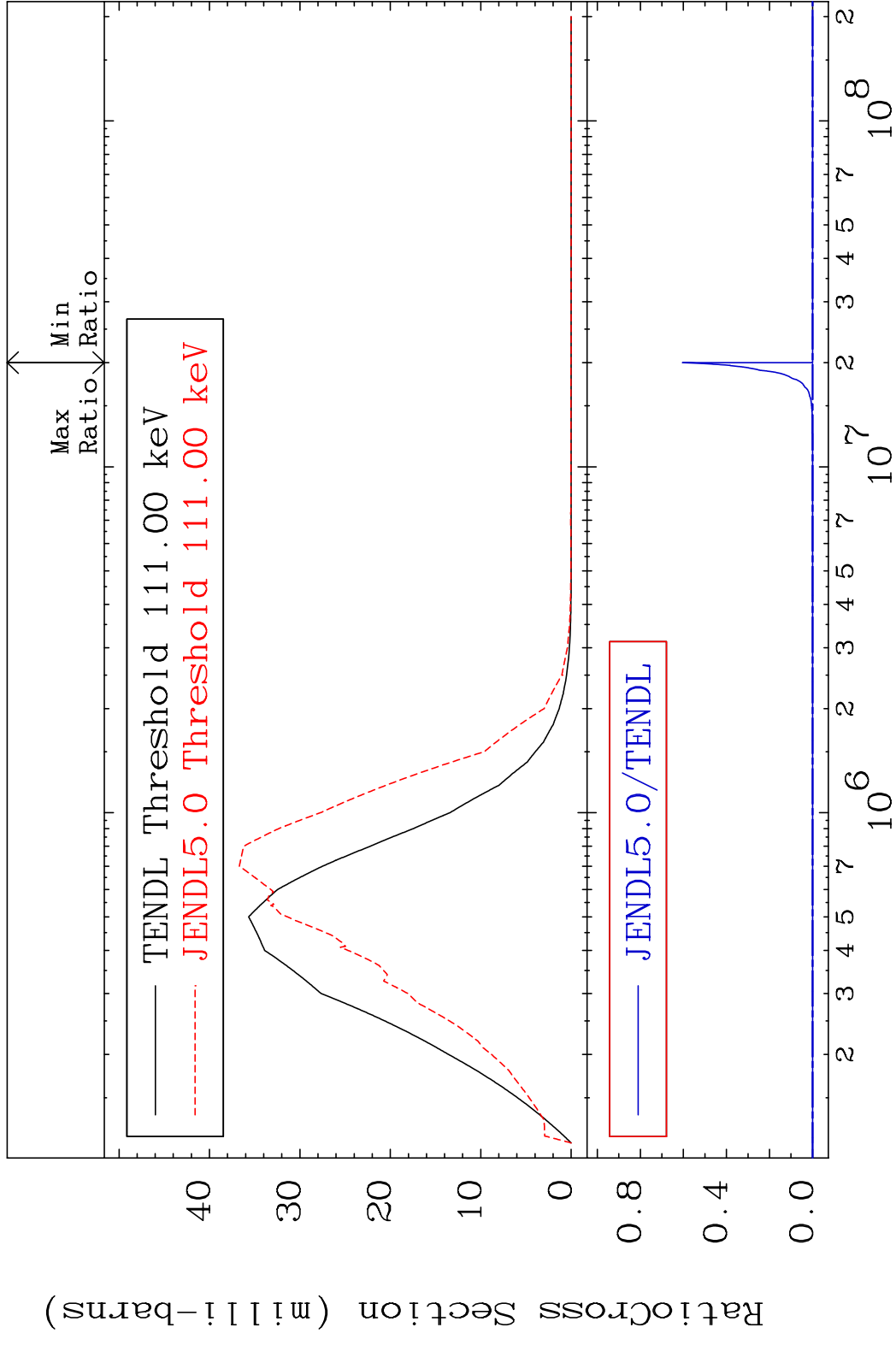


MAT 6522 MT= 52 (n, n') Level 65-Tb-158  
 Cross Section -100.0 To 9999. %



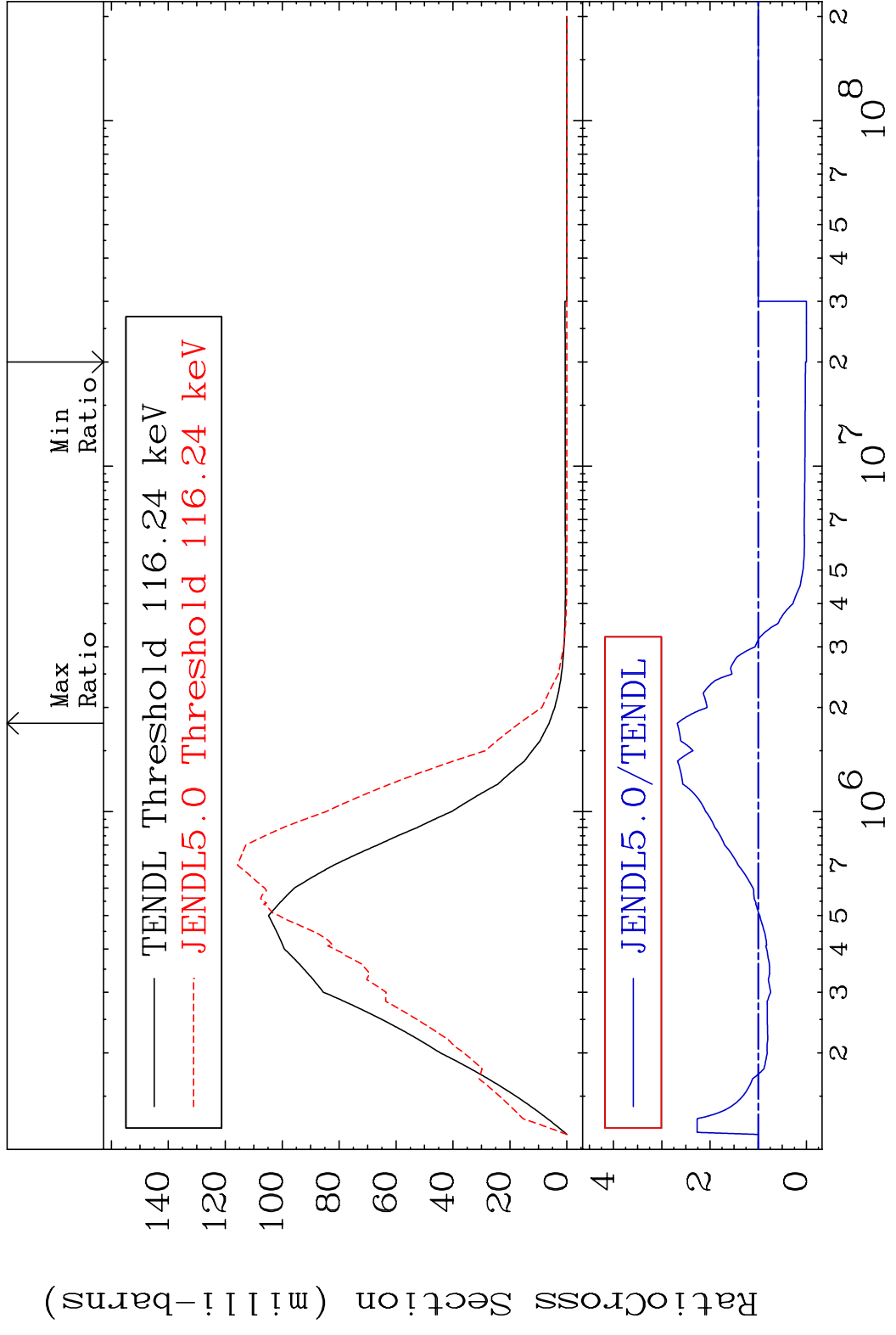
14 Incident Energy (eV) 65-Tb-158

MAT 6522 MT= 53 (n,n') Level 65-Tb-158  
 Cross Section -100.0 To 9999. %

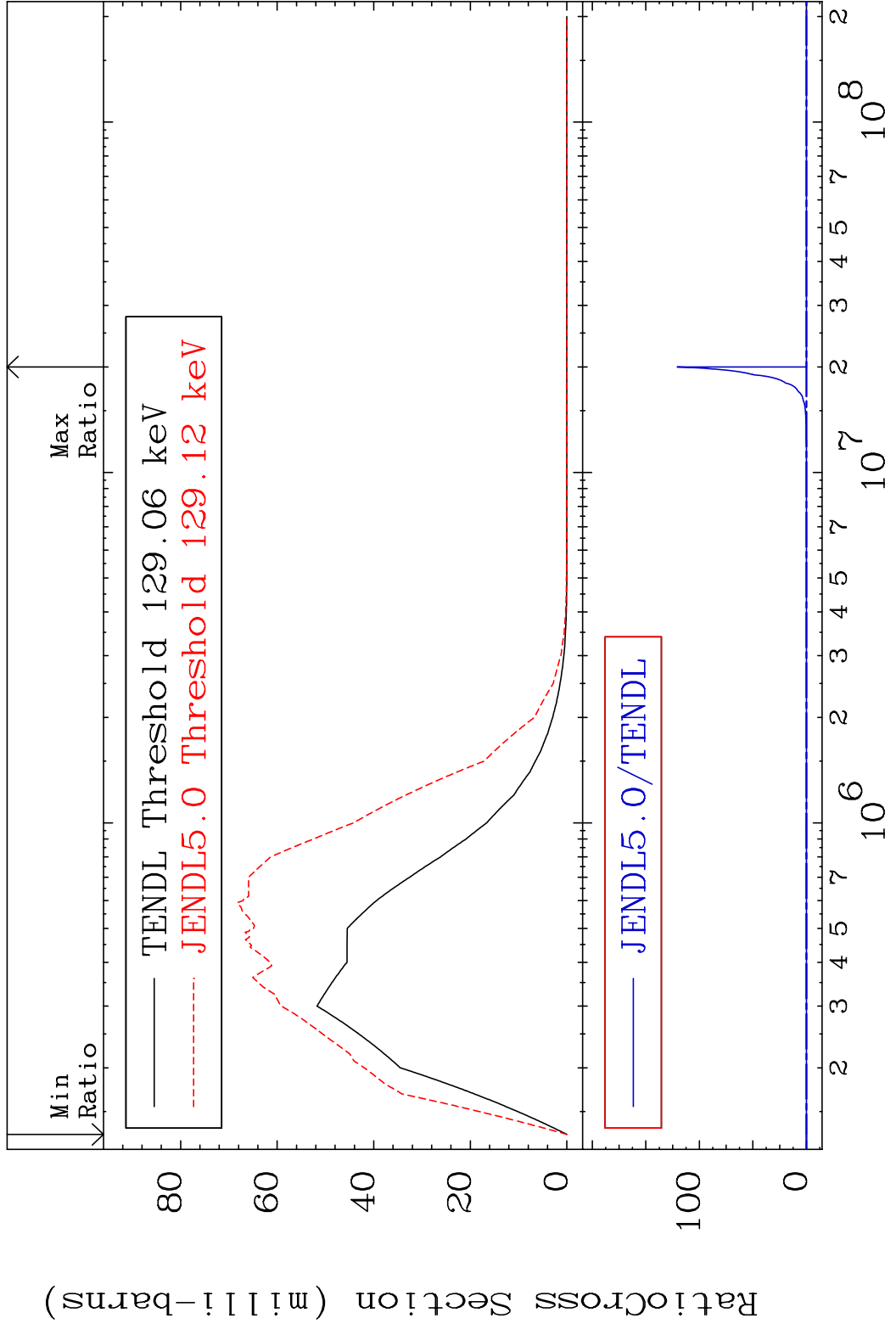




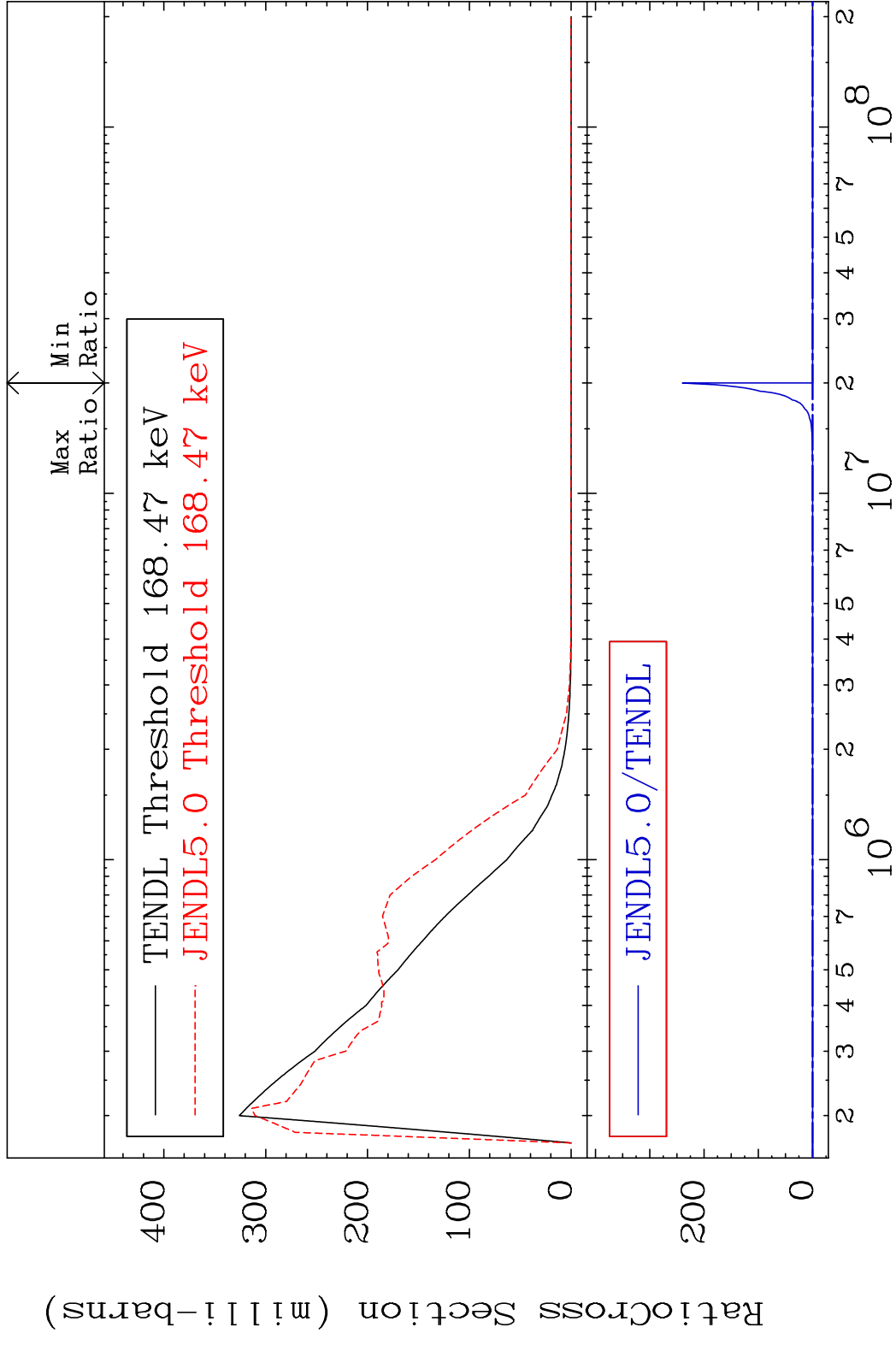
MAT 6522 MT= 54 (n, n') Level 65-Tb-158  
 Cross Section -100.0 To 167.9 %



MAT 6522 MT= 55 (n,n') Level 65-Tb-158  
 Cross Section -100.0 To 9999. %

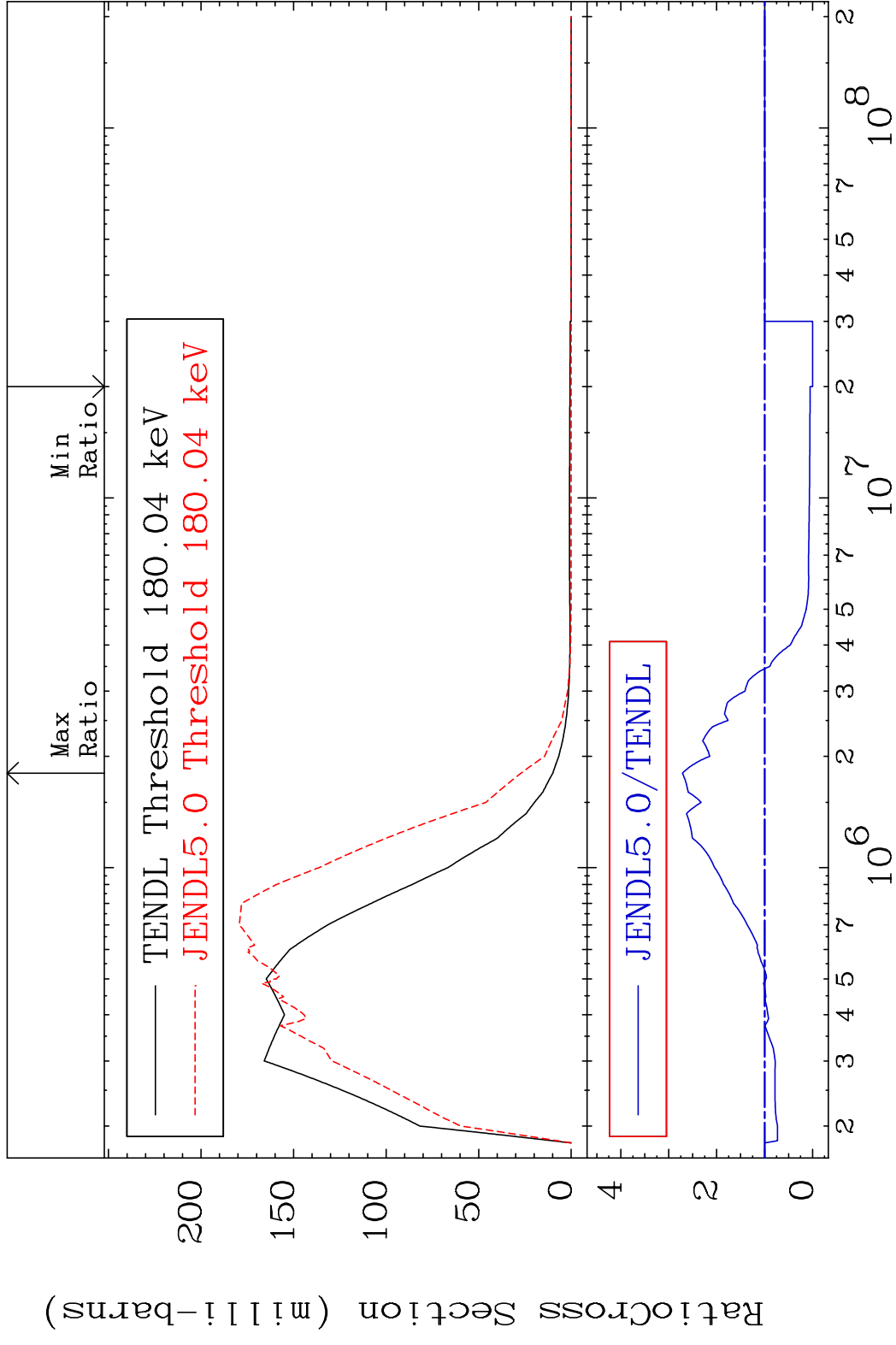


MAT 6522 MT= 56 (n, n') Level 65-Tb-158  
 Cross Section -100.0 To 9999. %

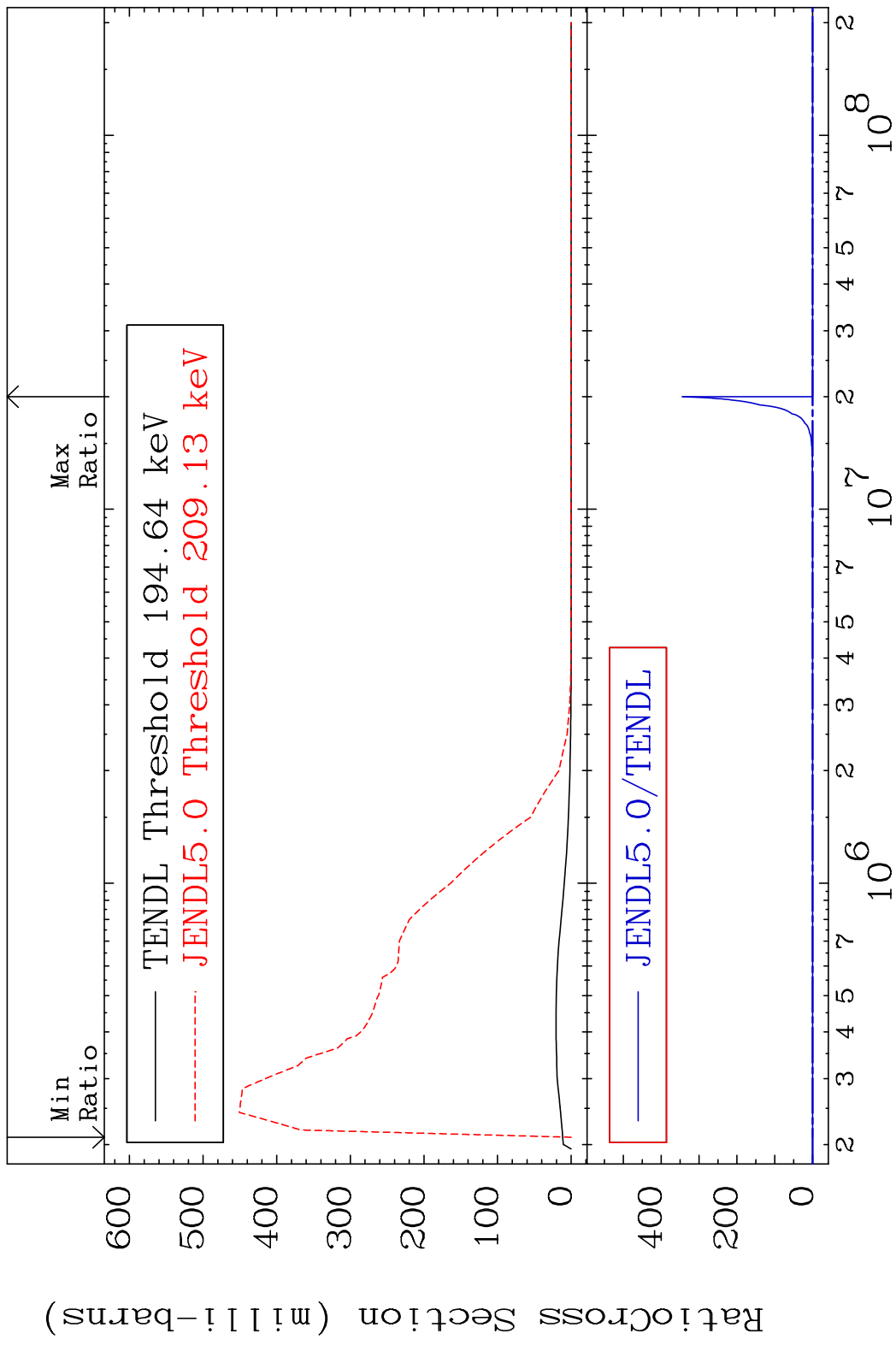


18 Incident Energy (eV) 65-Tb-158

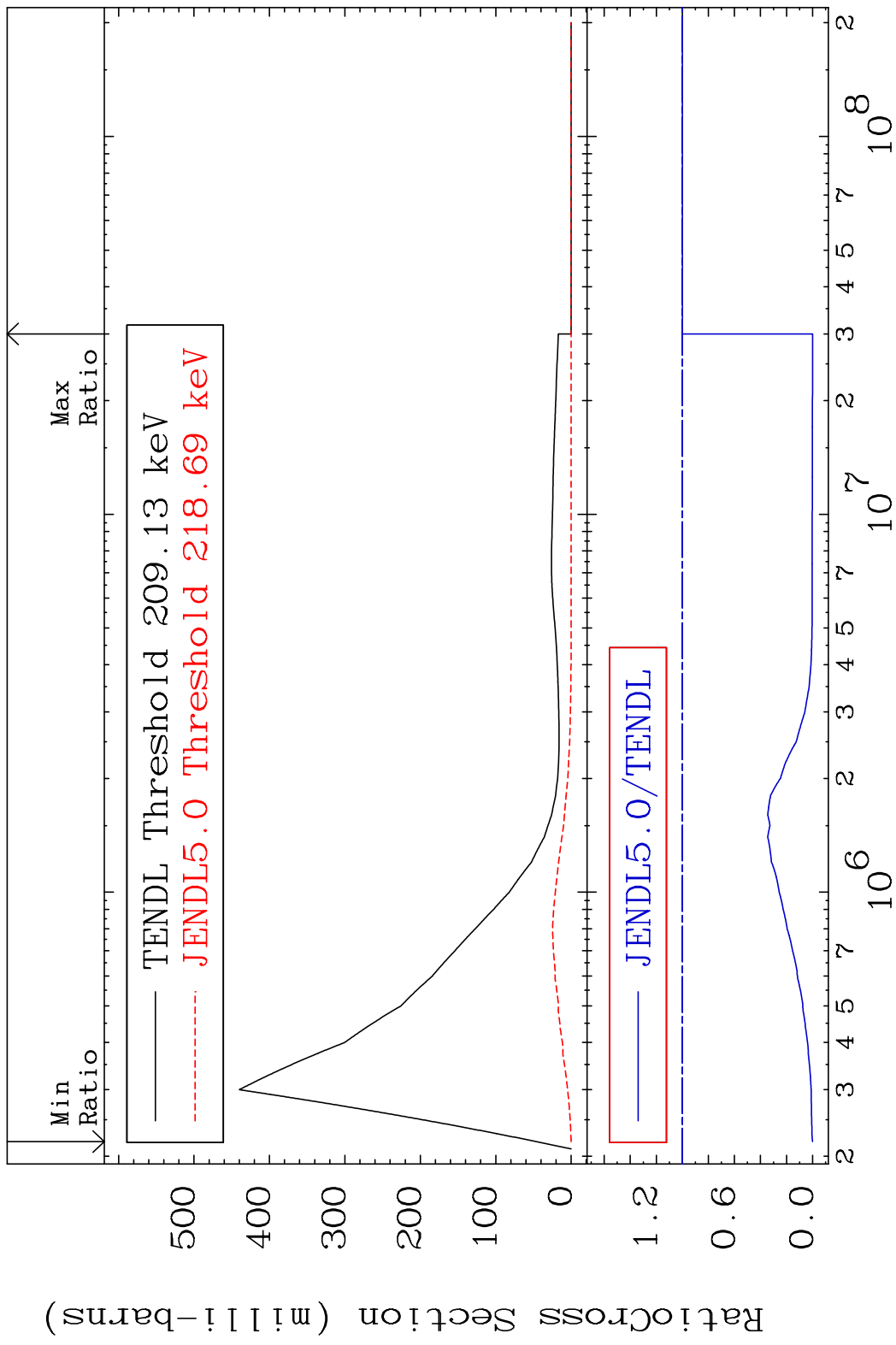
MAT 6522 MT= 57 (n, n') Level 65-Tb-158  
 Cross Section -100.0 To 171.6 %



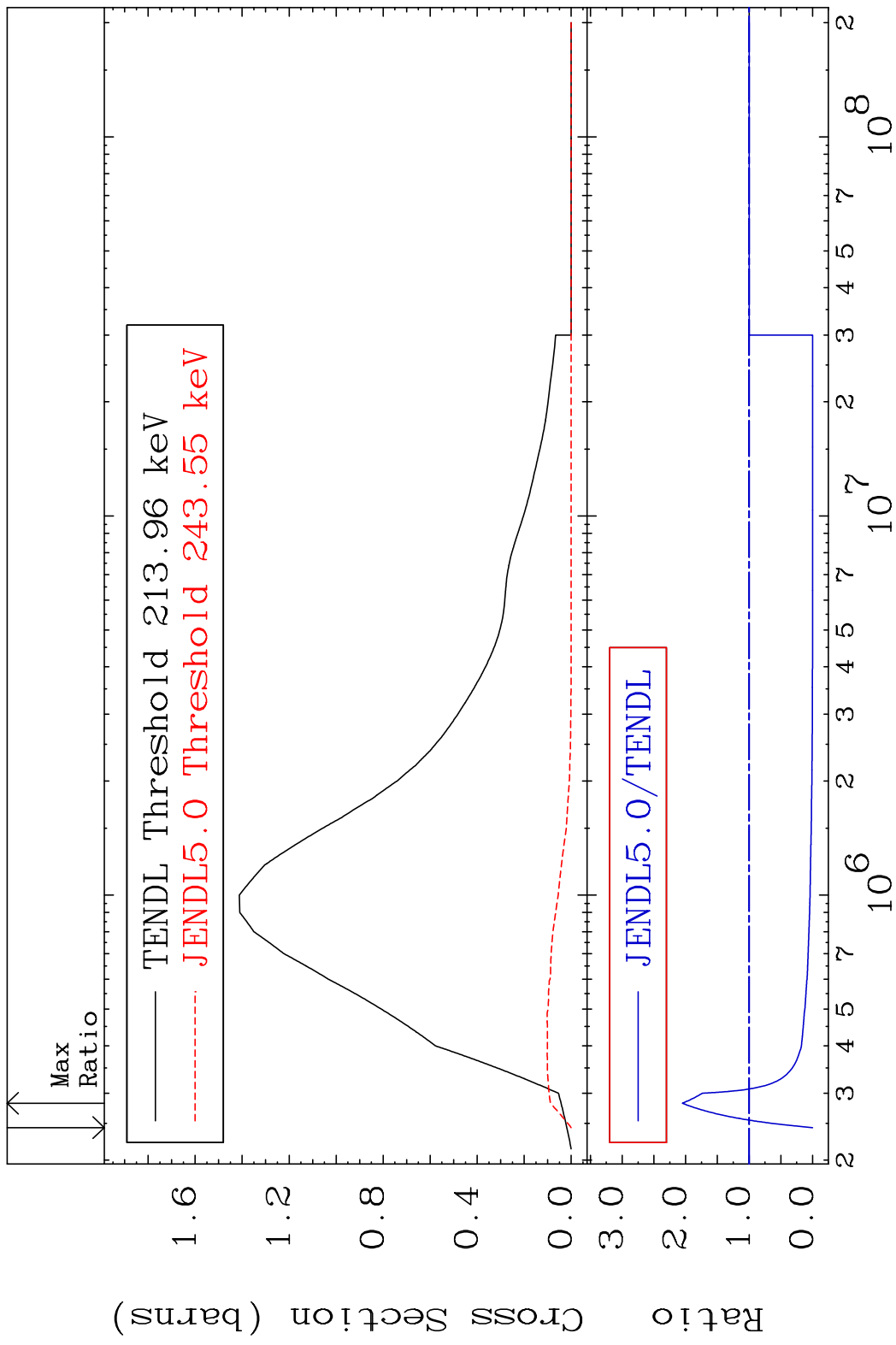
MAT 6522 MT= 58 (n,n') Level 65-Tb-158  
 Cross Section -100.0 To 9999. %



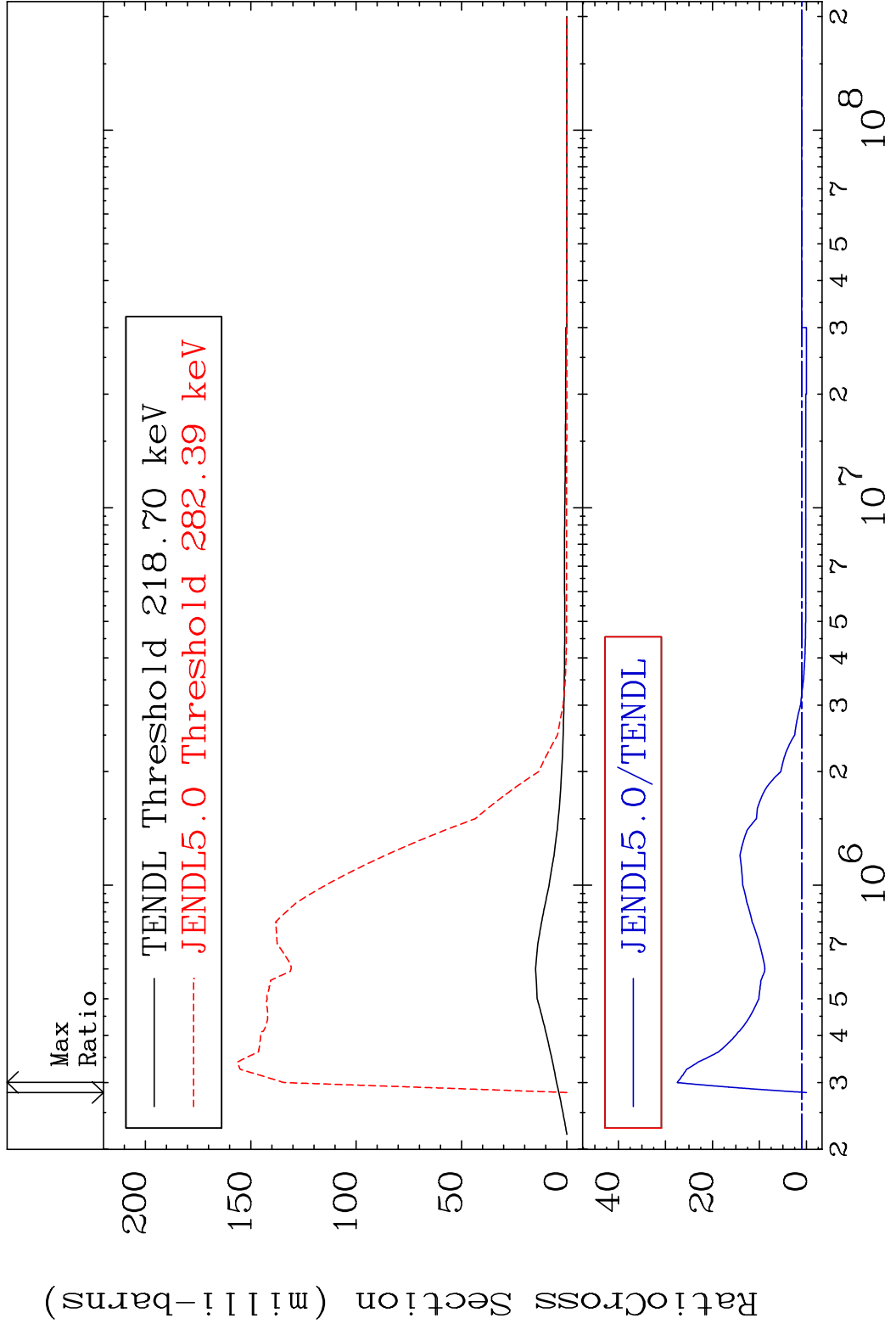
MAT 6522 MT= 59 (n, n') Level 65-Tb-158  
 Cross Section -100.0 To 0.000 %



MAT 6522 MT= 60 (n, n') Level 65-Tb-158  
 Cross Section -100.0 To 105.2 %

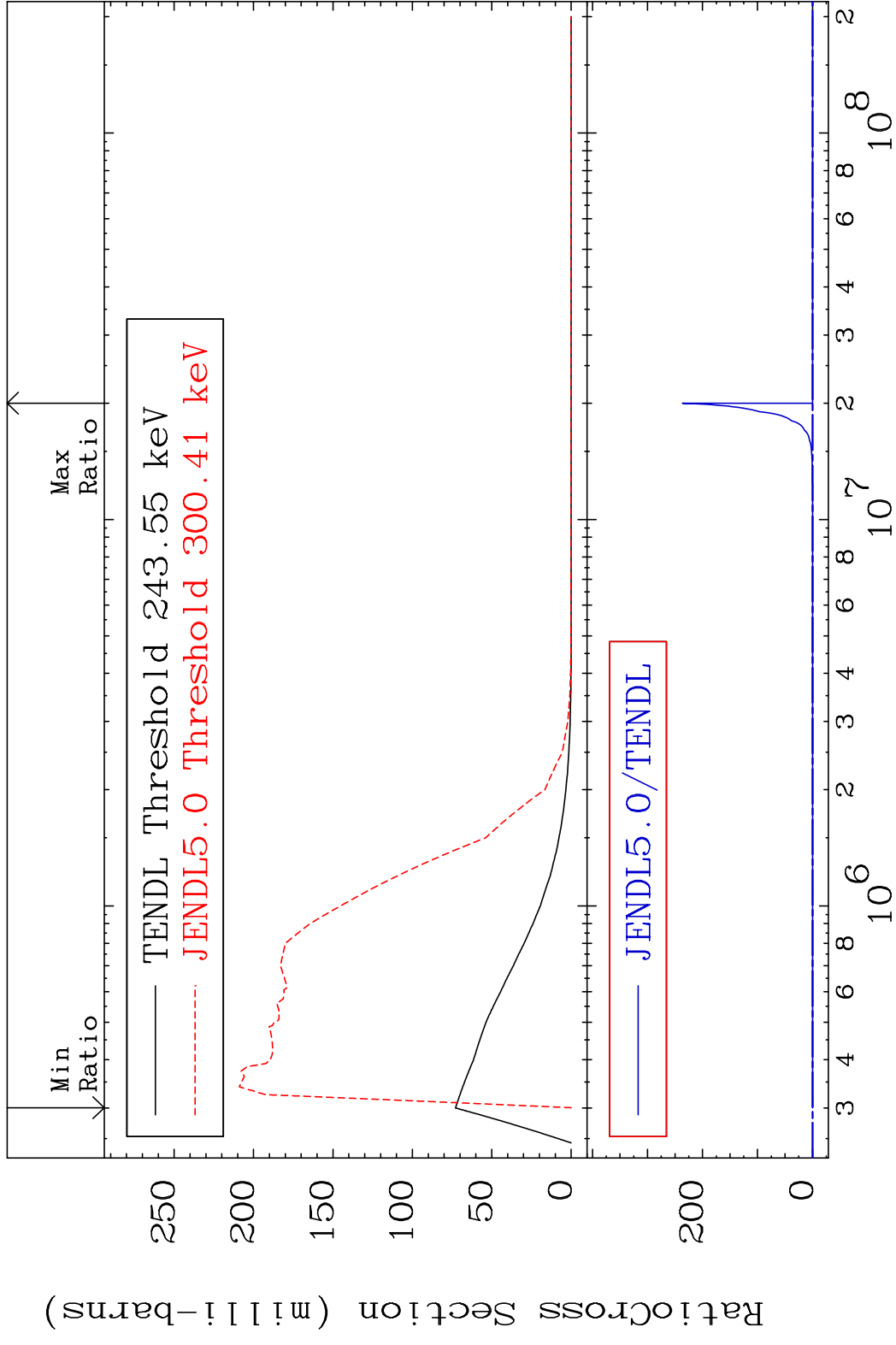


MAT 6522 MT= 61 (n,n') Level 65-Tb-158  
 Cross Section -100.0 To 2650. %

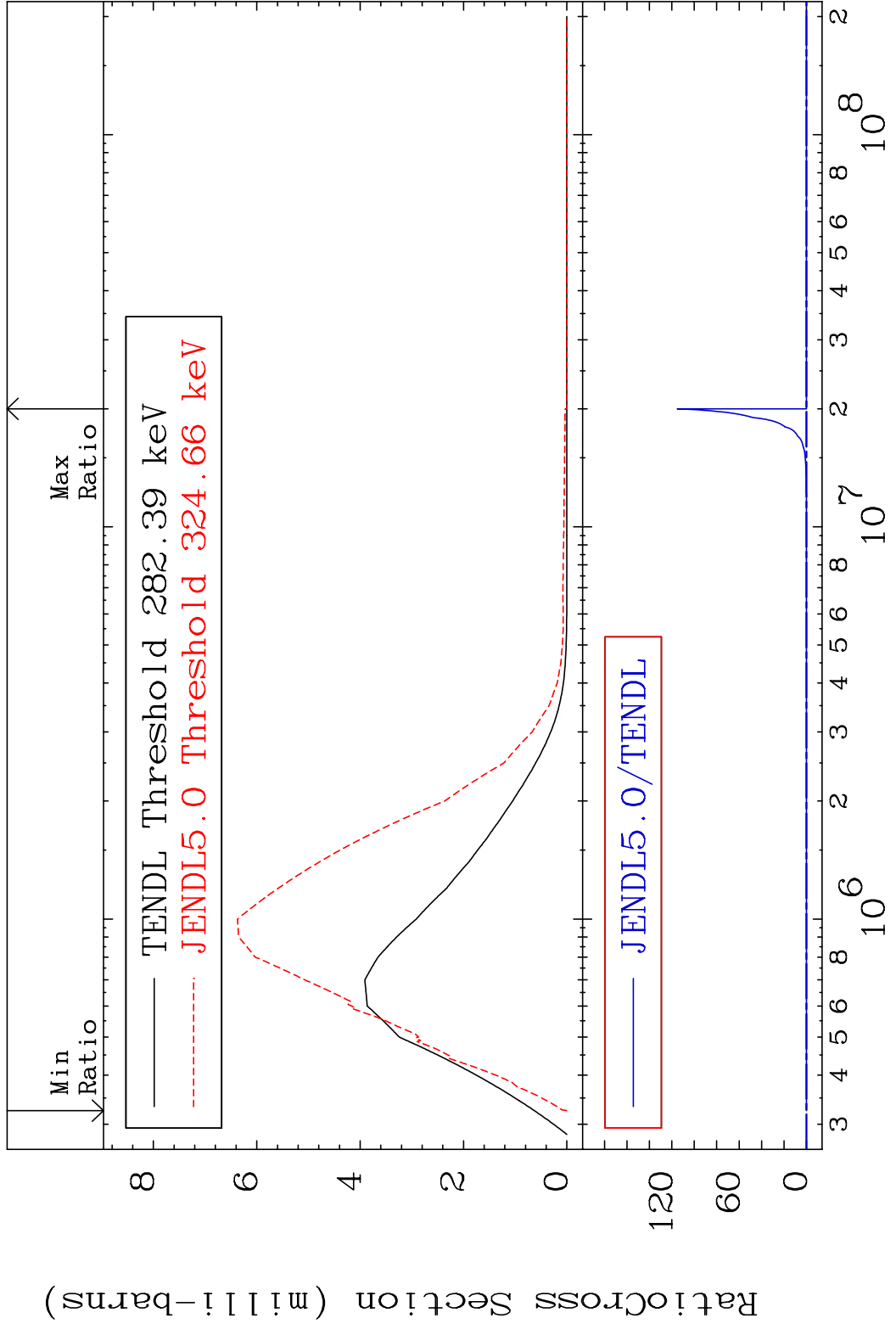




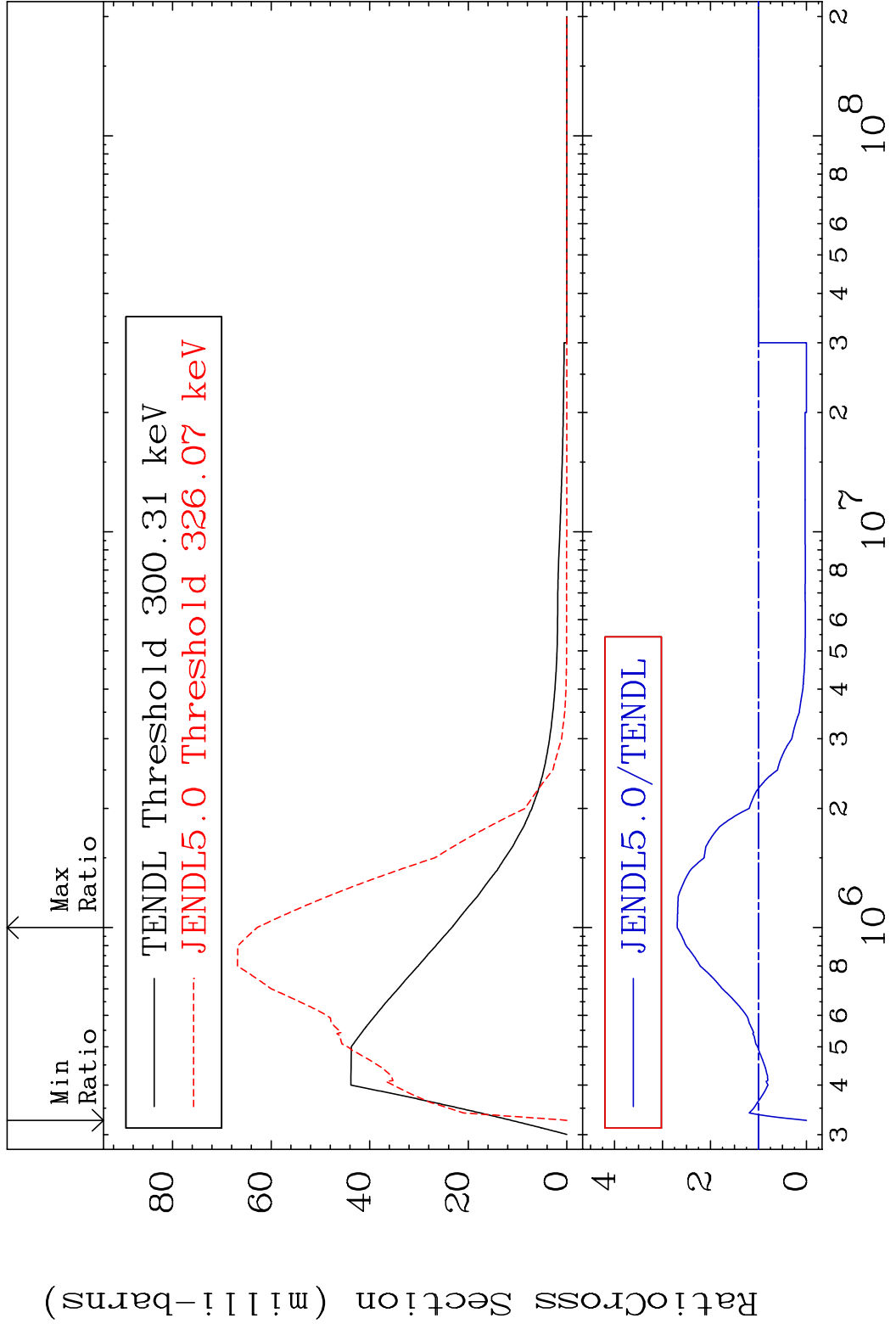
MAT 6522 MT= 62 (n, n') Level 65-Tb-158  
 Cross Section -100.0 To 9999. %



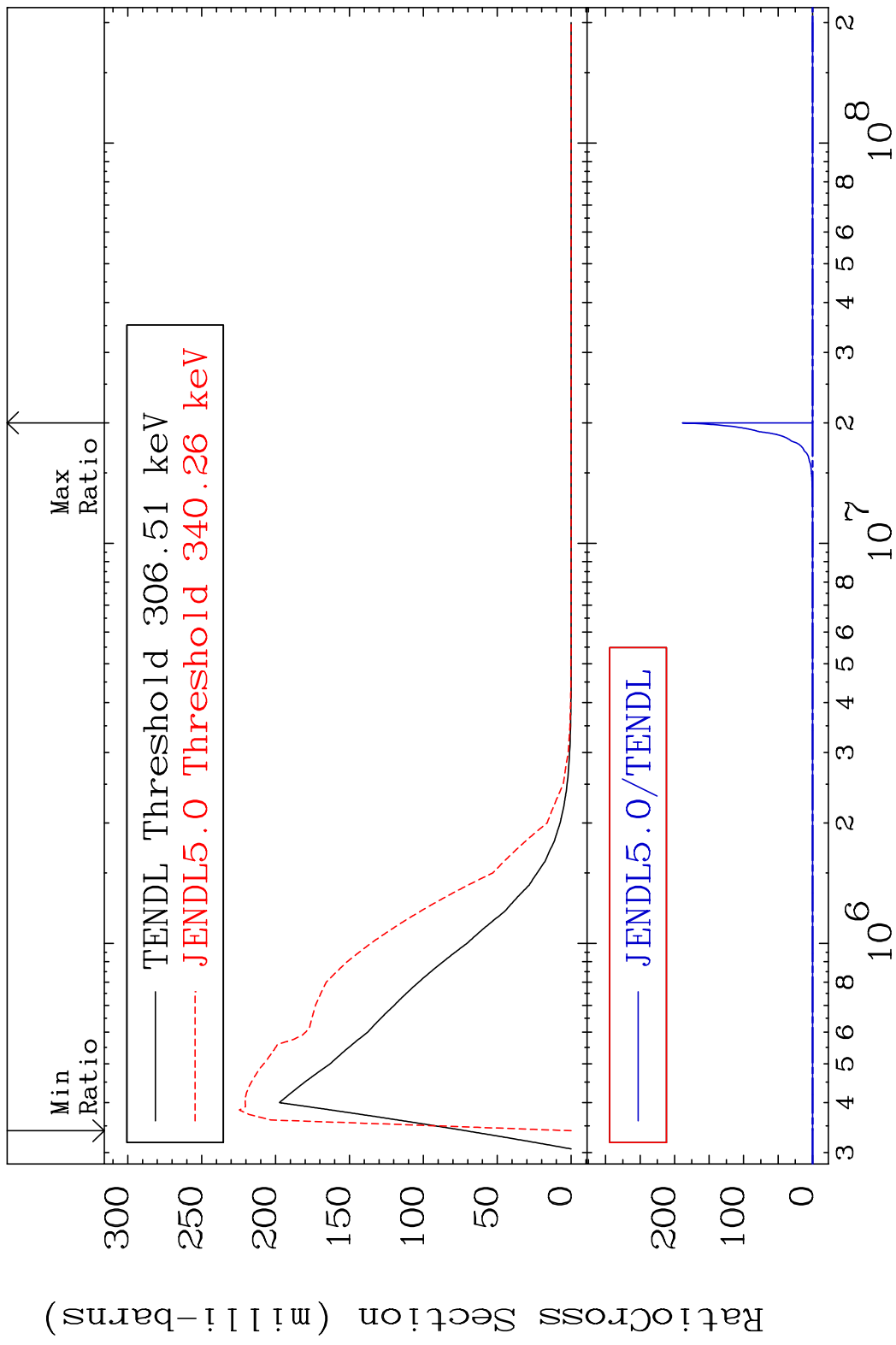
MAT 6522 MT= 63 (n, n') Level 65-Tb-158  
 Cross Section -100.0 To 9999. %



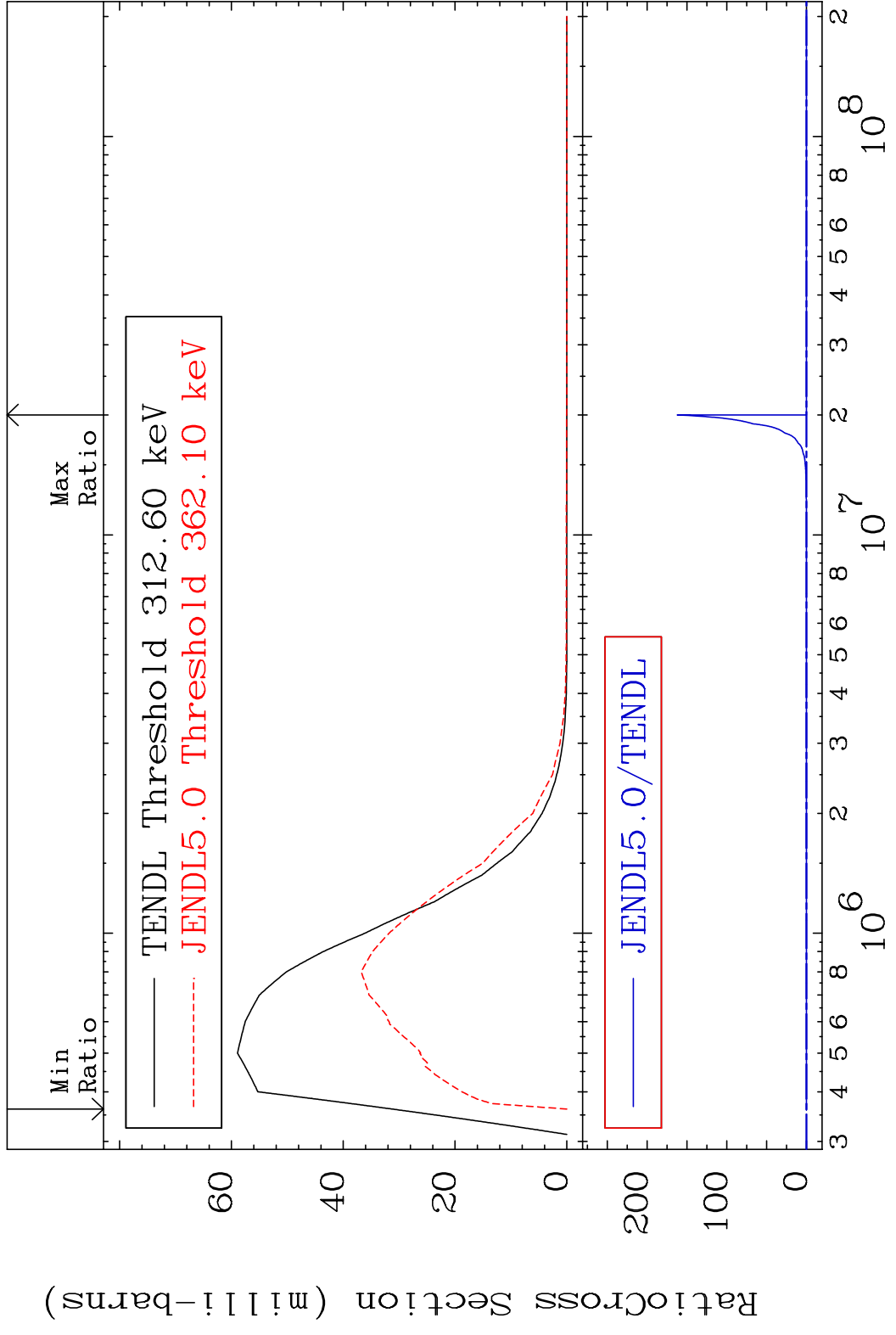
MAT 6522 MT= 64 (n, n') Level 65-Tb-158  
 Cross Section -100.0 To 169.5 %



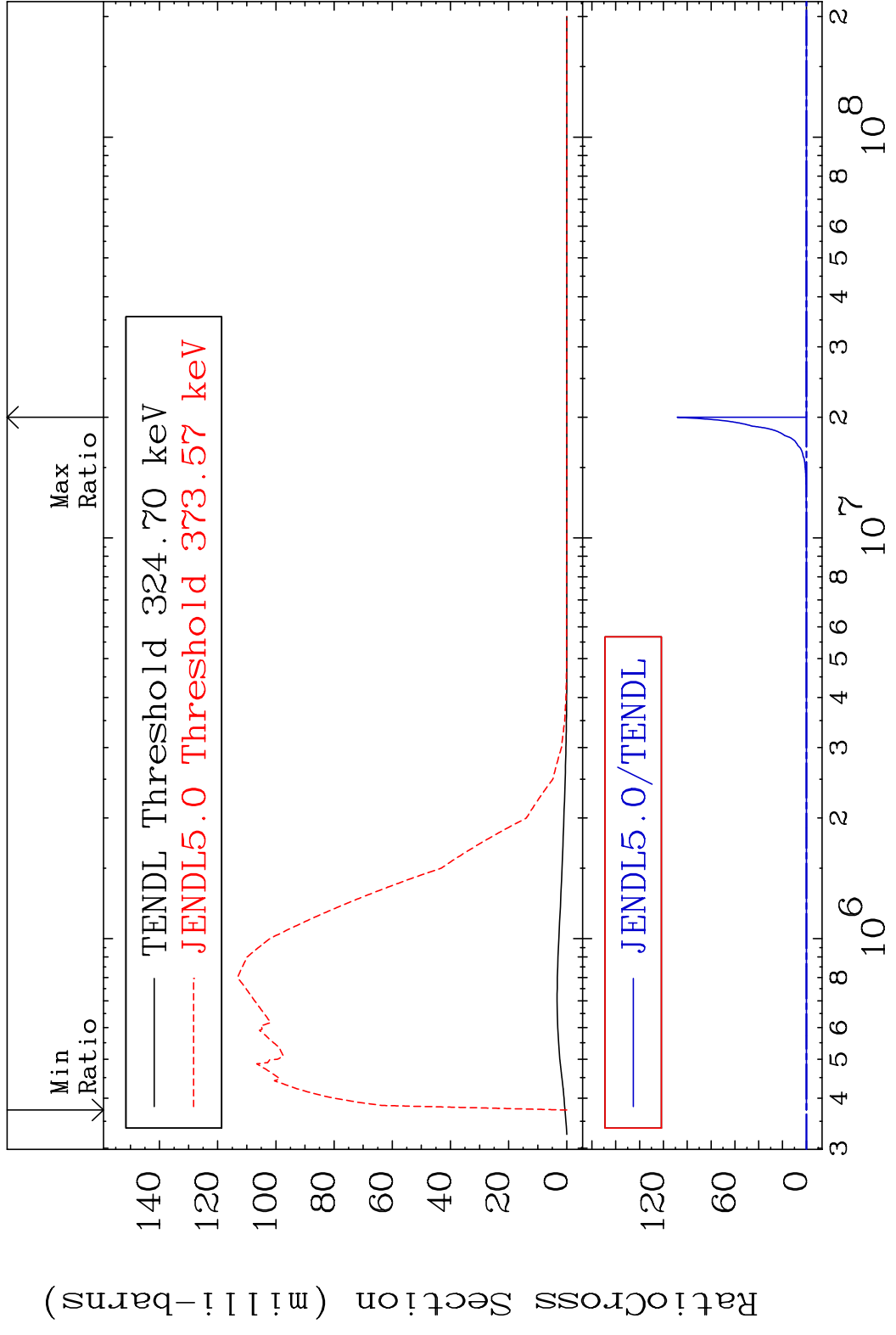
MAT 6522 MT= 65 (n, n') Level 65-Tb-158  
 Cross Section -100.0 To 9999. %



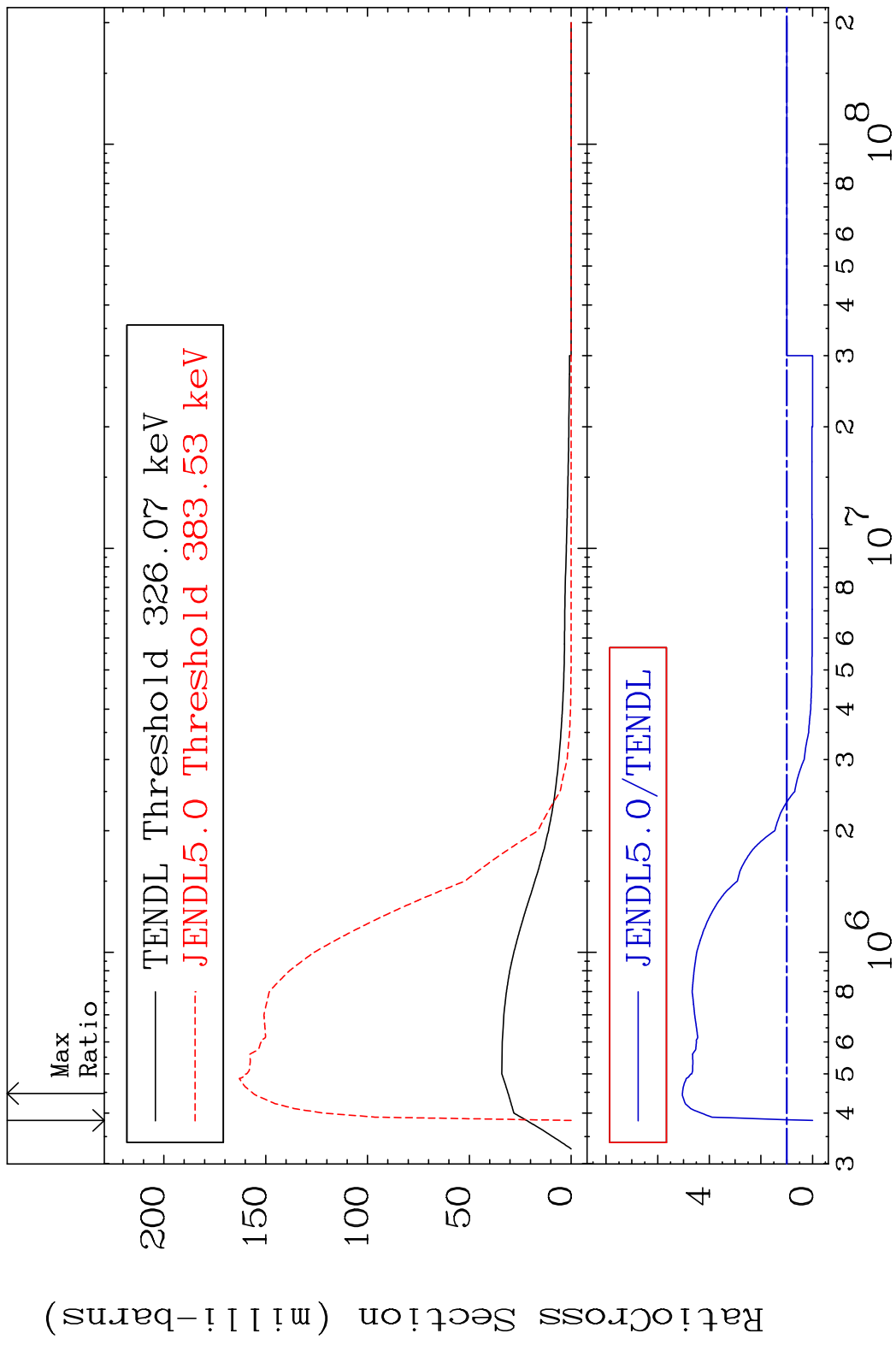
MAT 6522 MT= 66 (n,n') Level 65-Tb-158  
 Cross Section -100.0 To 9999. %



MAT 6522 MT= 67 (n, n') Level 65-Tb-158  
 Cross Section -100.0 To 9999. %

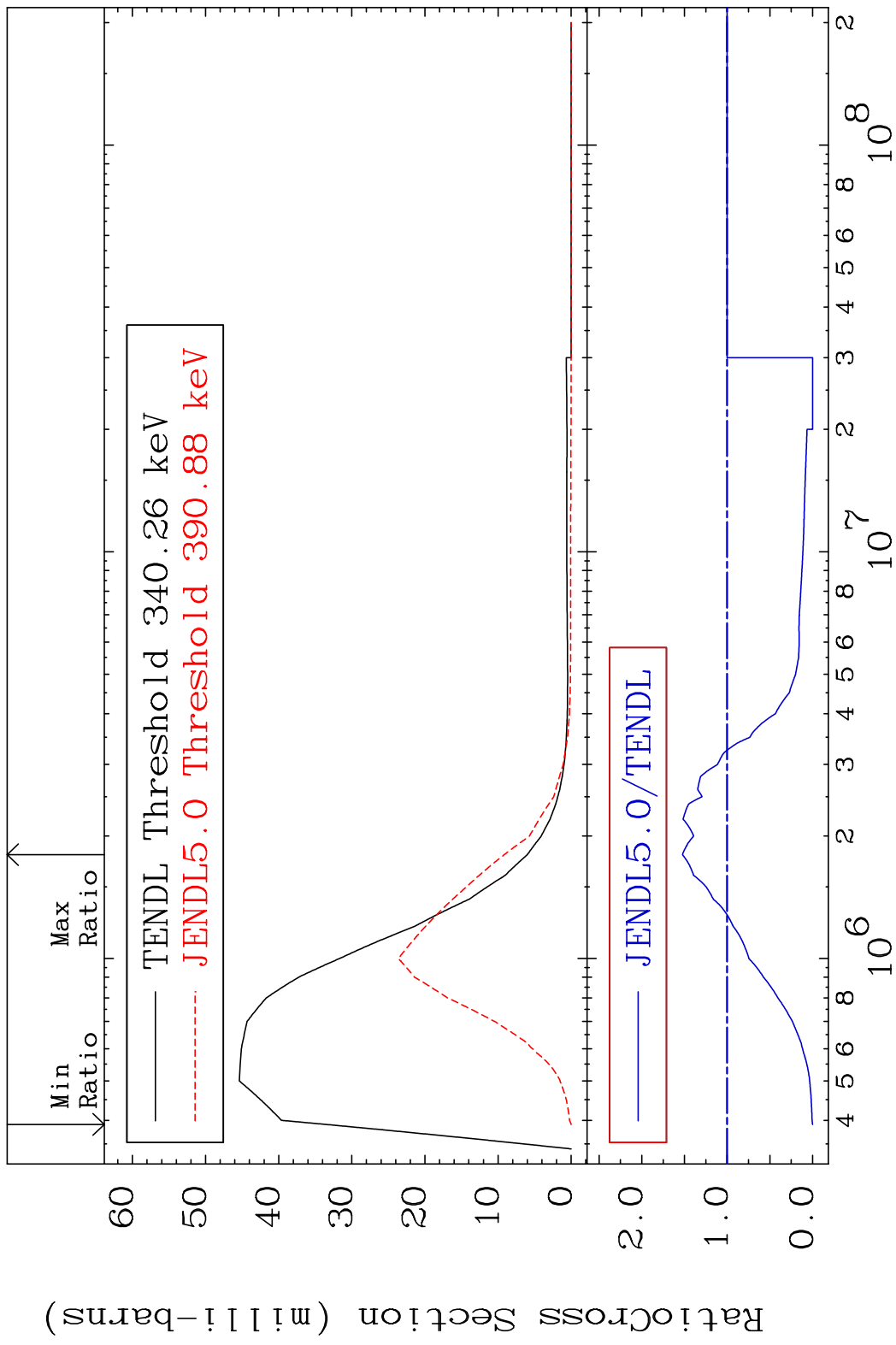


MAT 6522 MT= 68 (n,n') Level 65-Tb-158  
 Cross Section -100.0 To 404.3 %



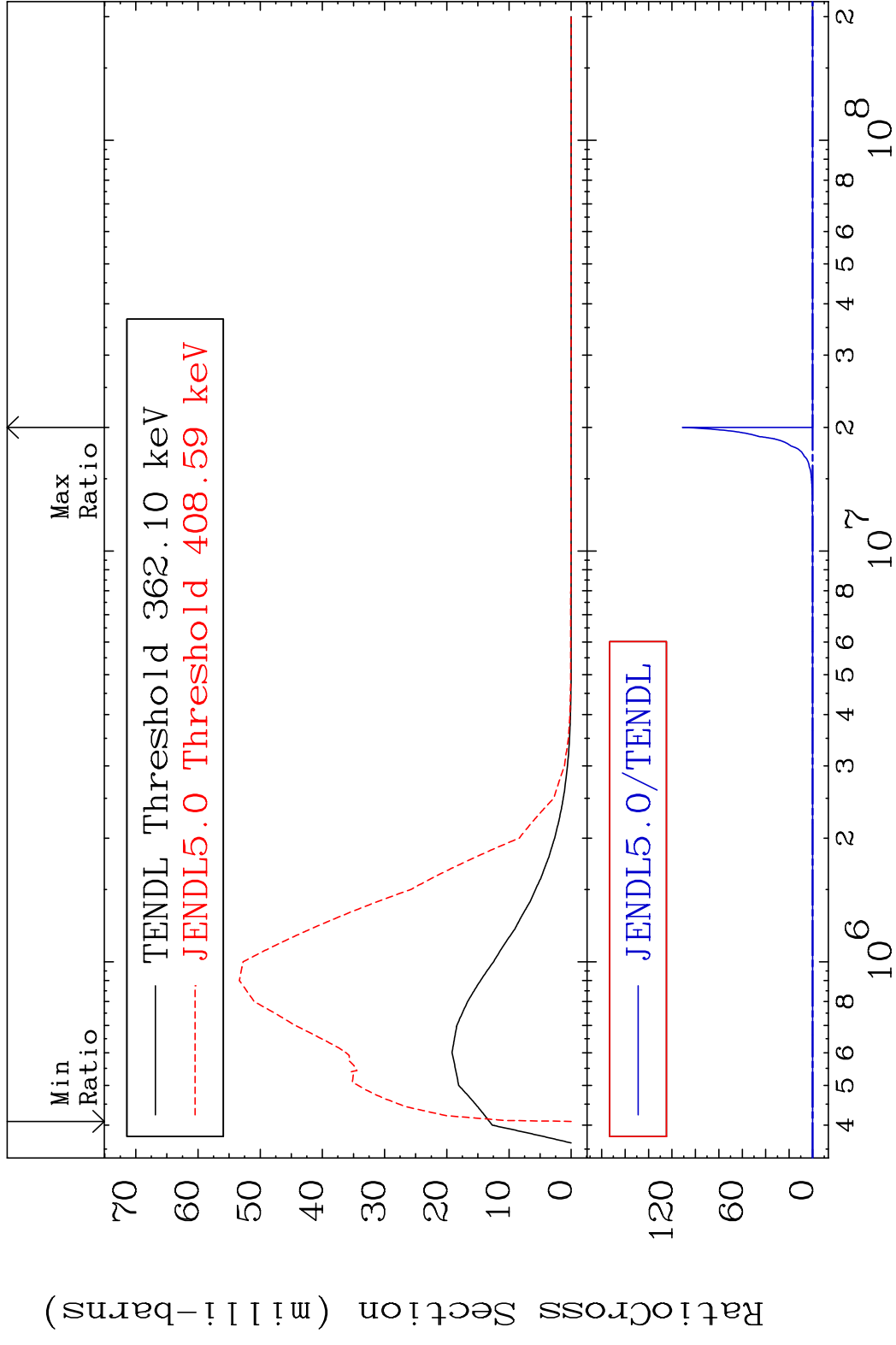
30 Incident Energy (eV) 65-Tb-158

MAT 6522 MT= 69 (n, n') Level 65-Tb-158  
 Cross Section -100.0 To 52.50 %

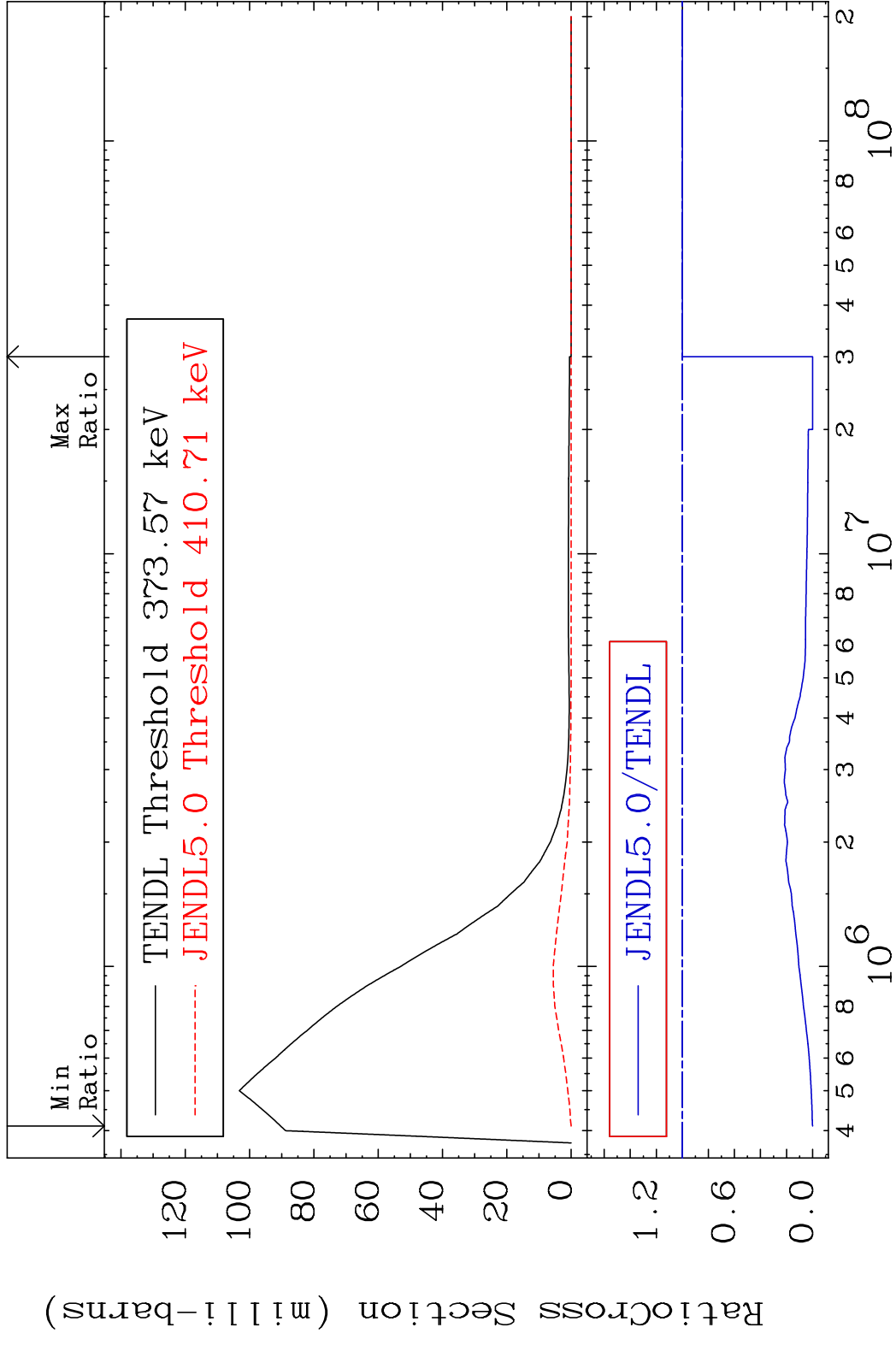




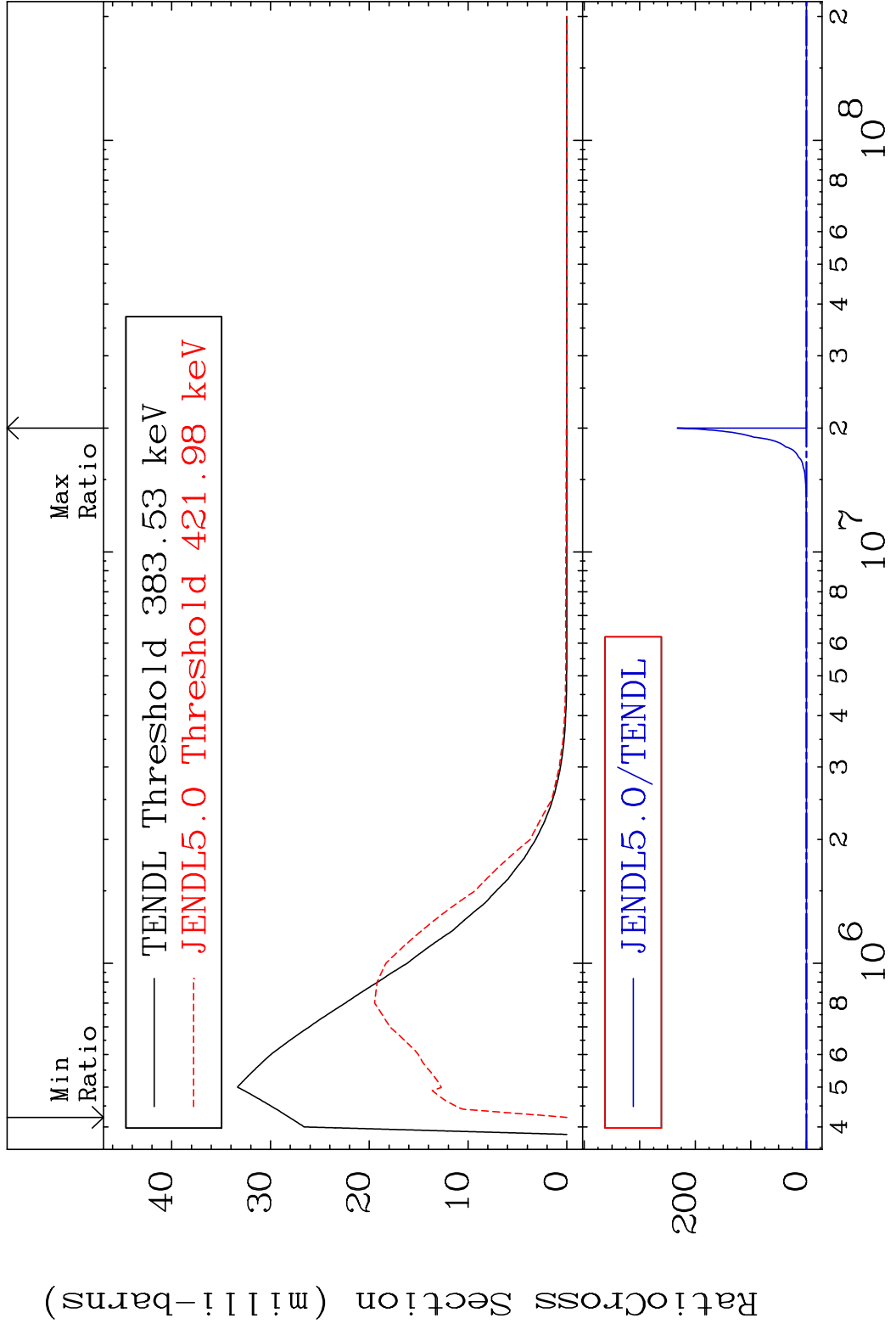
MAT 6522 MT= 70 (n, n') Level 65-Tb-158  
 Cross Section -100.0 To 9999. %



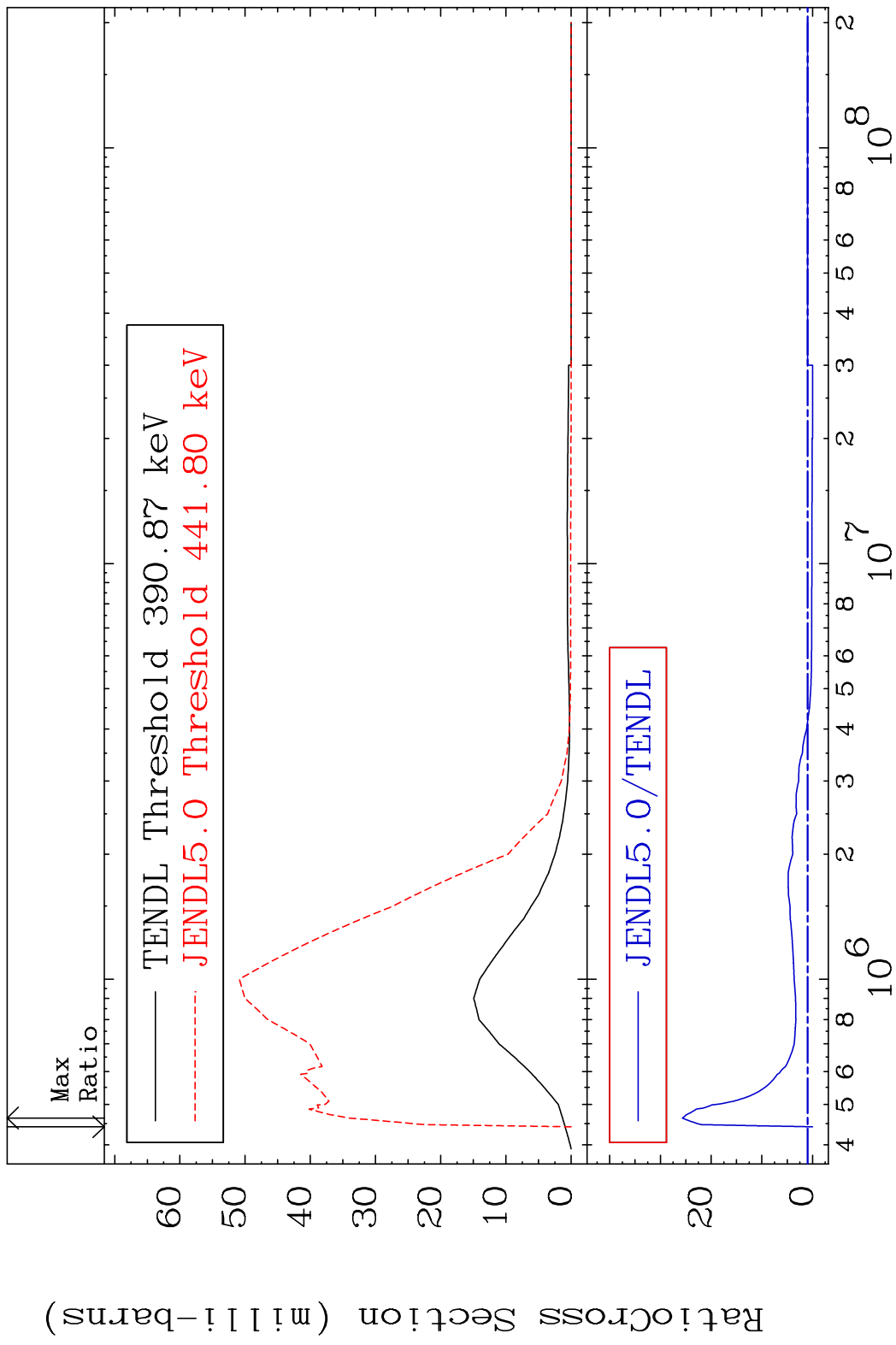
MAT 6522 MT= 71 (n, n') Level 65-Tb-158  
 Cross Section -100.0 To 0.000 %



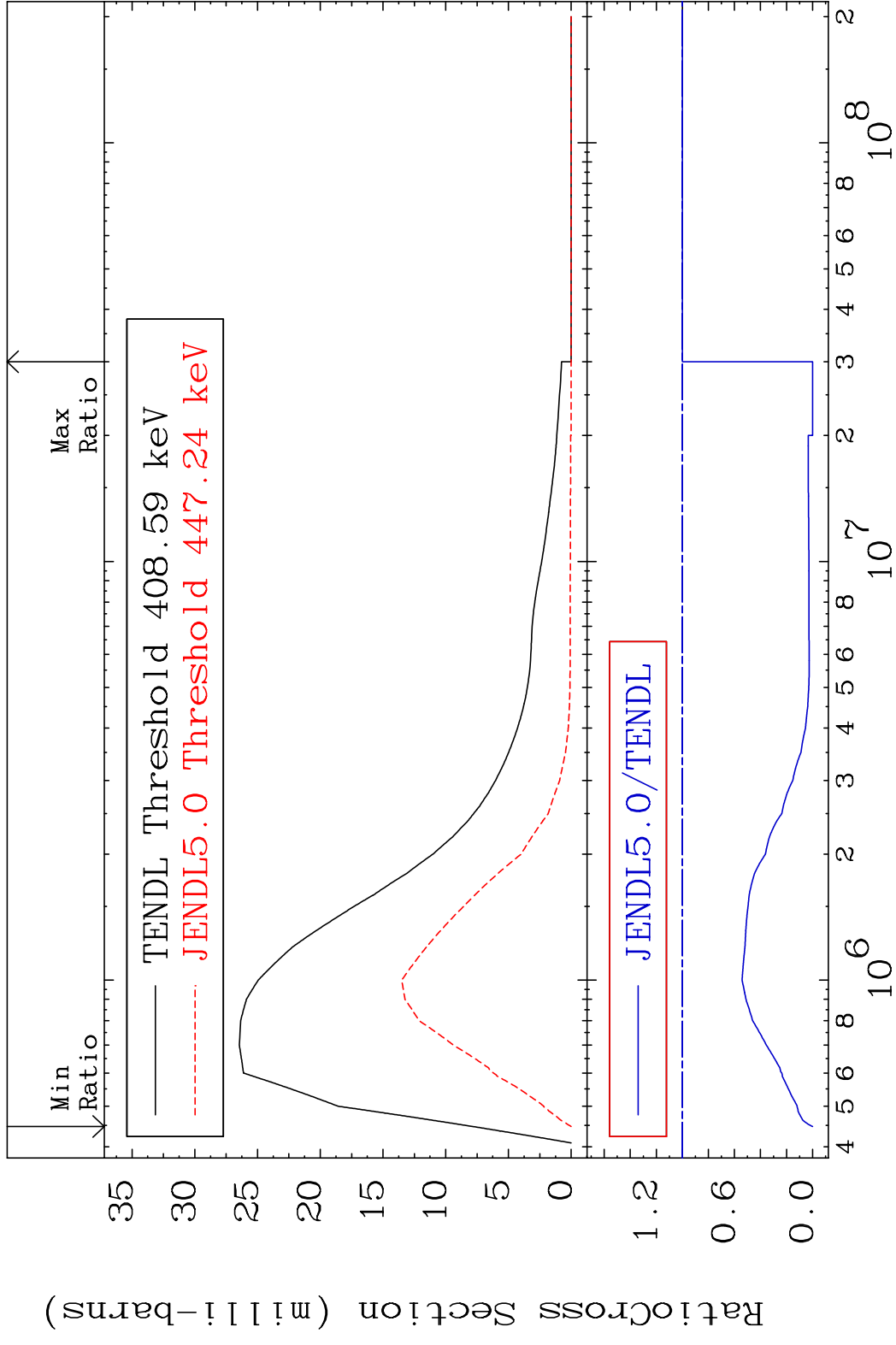
MAT 6522 MT= 72 (n, n') Level 65-Tb-158  
 Cross Section -100.0 To 9999. %



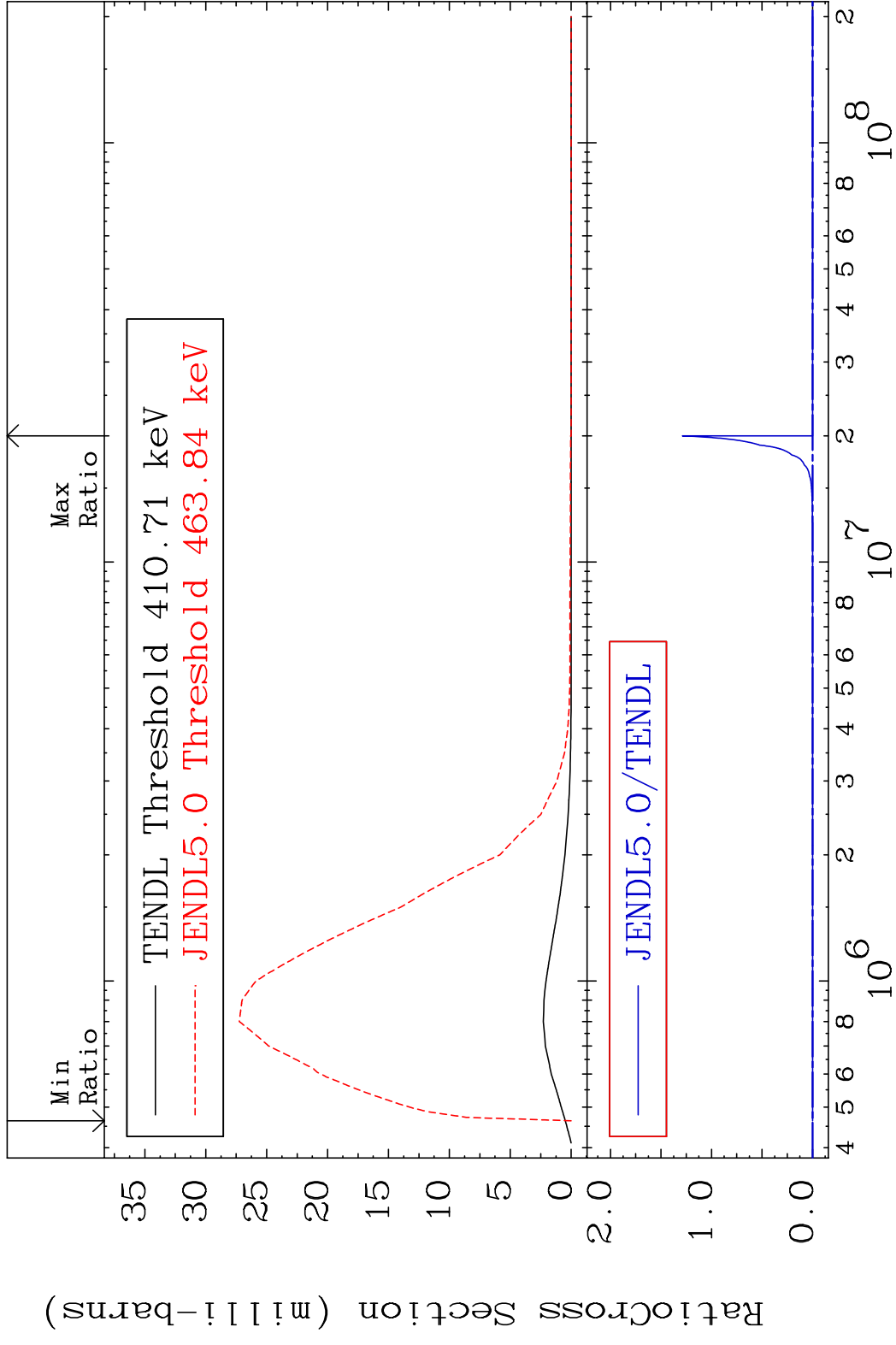
MAT 6522 MT= 73 (n,n') Level 65-Tb-158  
 Cross Section -100.0 To 2467. %



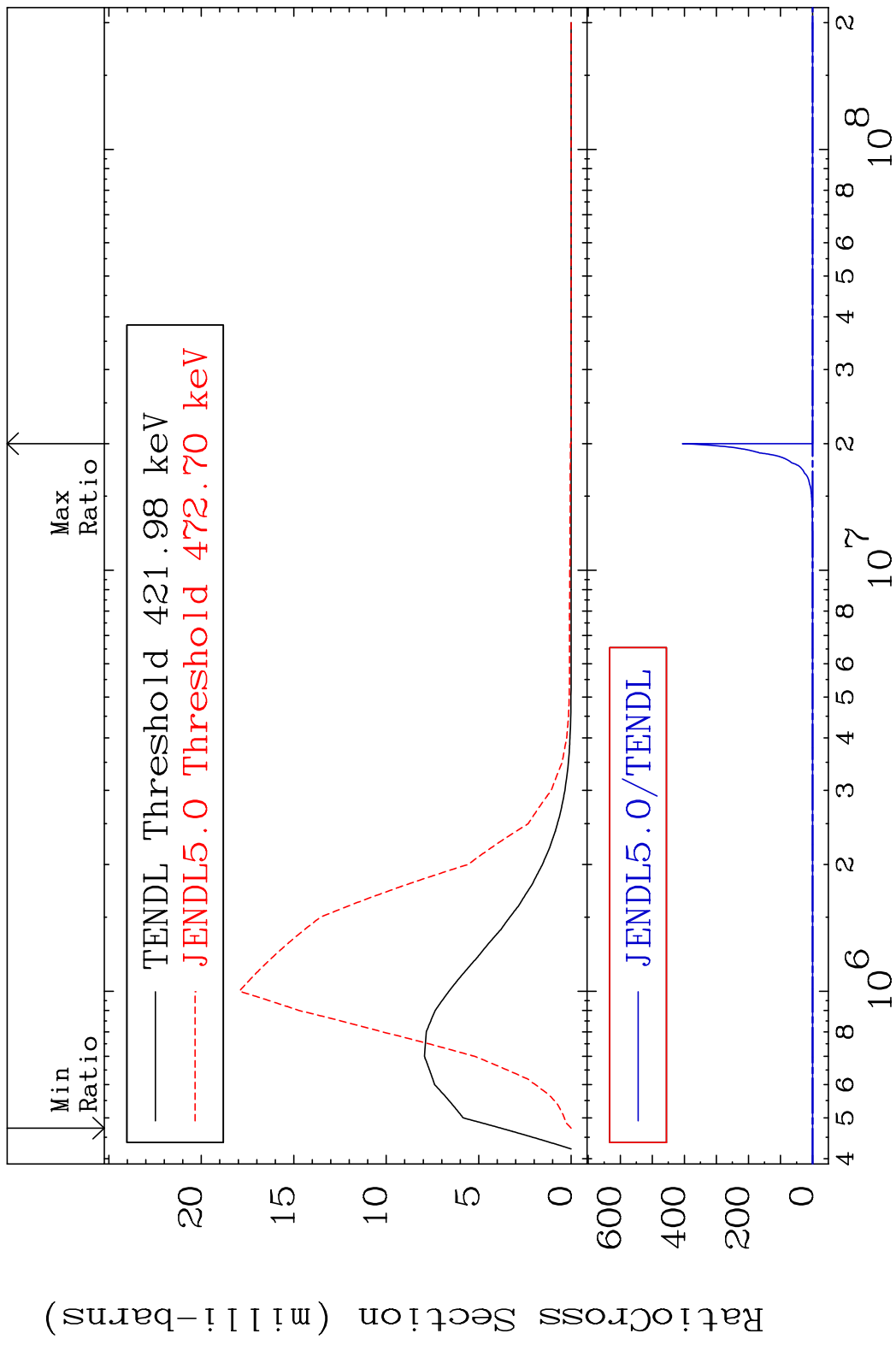
MAT 6522 MT= 74 (n,n') Level 65-Tb-158  
 Cross Section -100.0 To 0.000 %



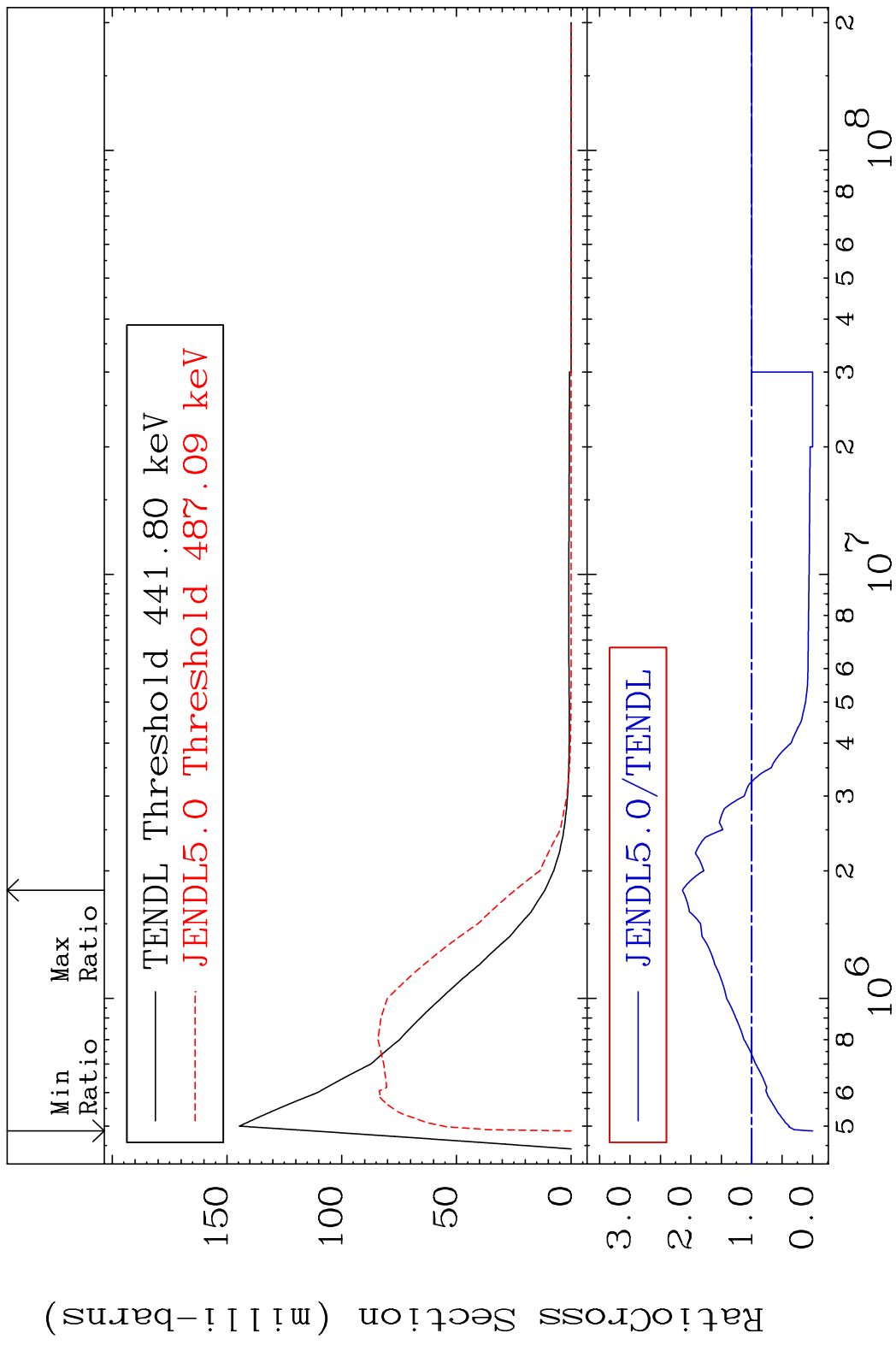
MAT 6522 MT= 75 (n, n') Level 65-Tb-158  
 Cross Section -100.0 To 9999. %



MAT 6522 MT= 76 (n, n') Level 65-Tb-158  
 Cross Section -100.0 To 9999. %



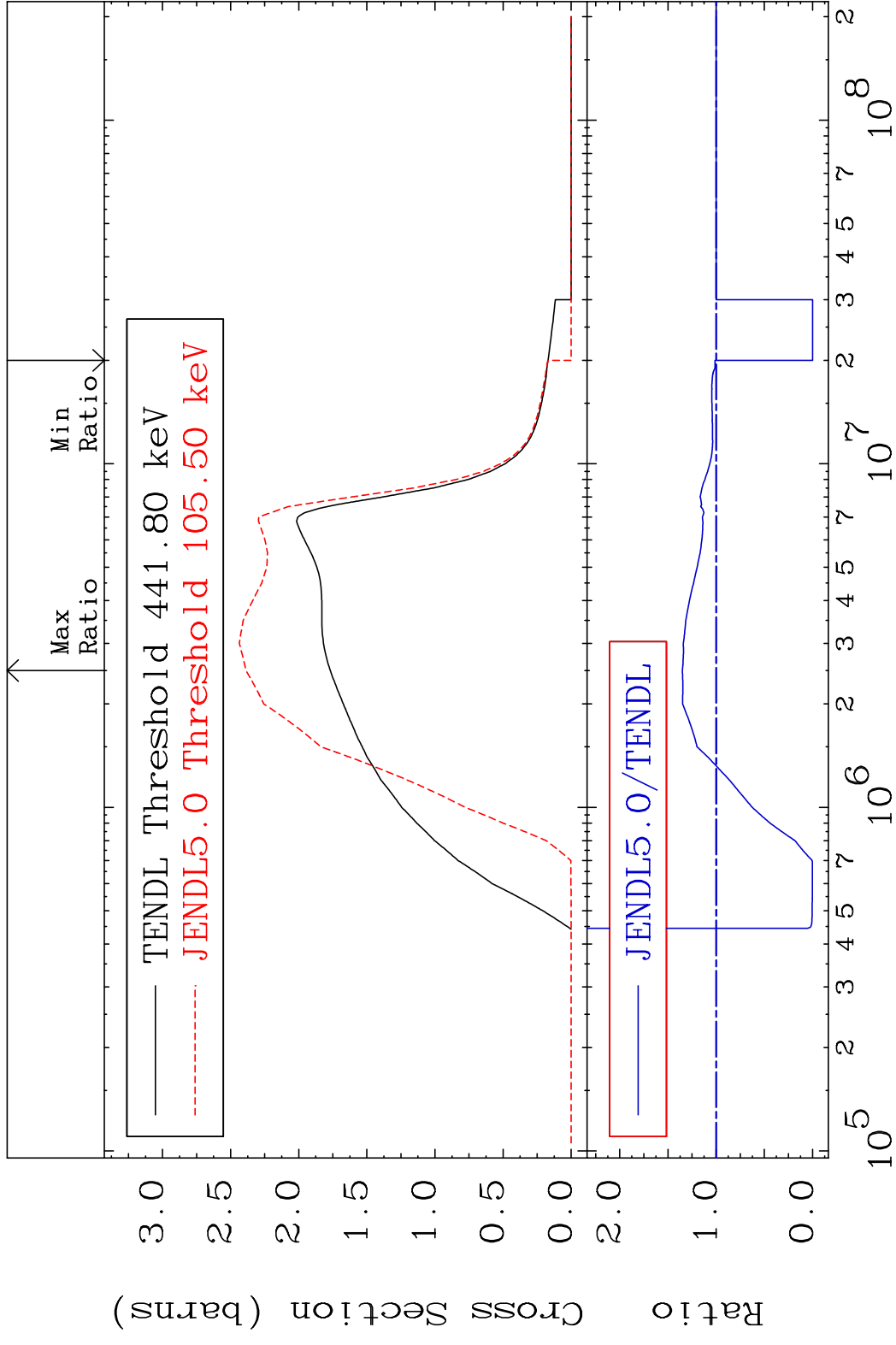
MAT 6522 MT= 77 (n,n') Level 65-Tb-158  
 Cross Section -100.0 To 114.0 %



39 Incident Energy (eV) 65-Tb-158



MAT 6522 (n, n') Continuum 65-Tb-158  
 Cross Section -100.0 To 35.07 %



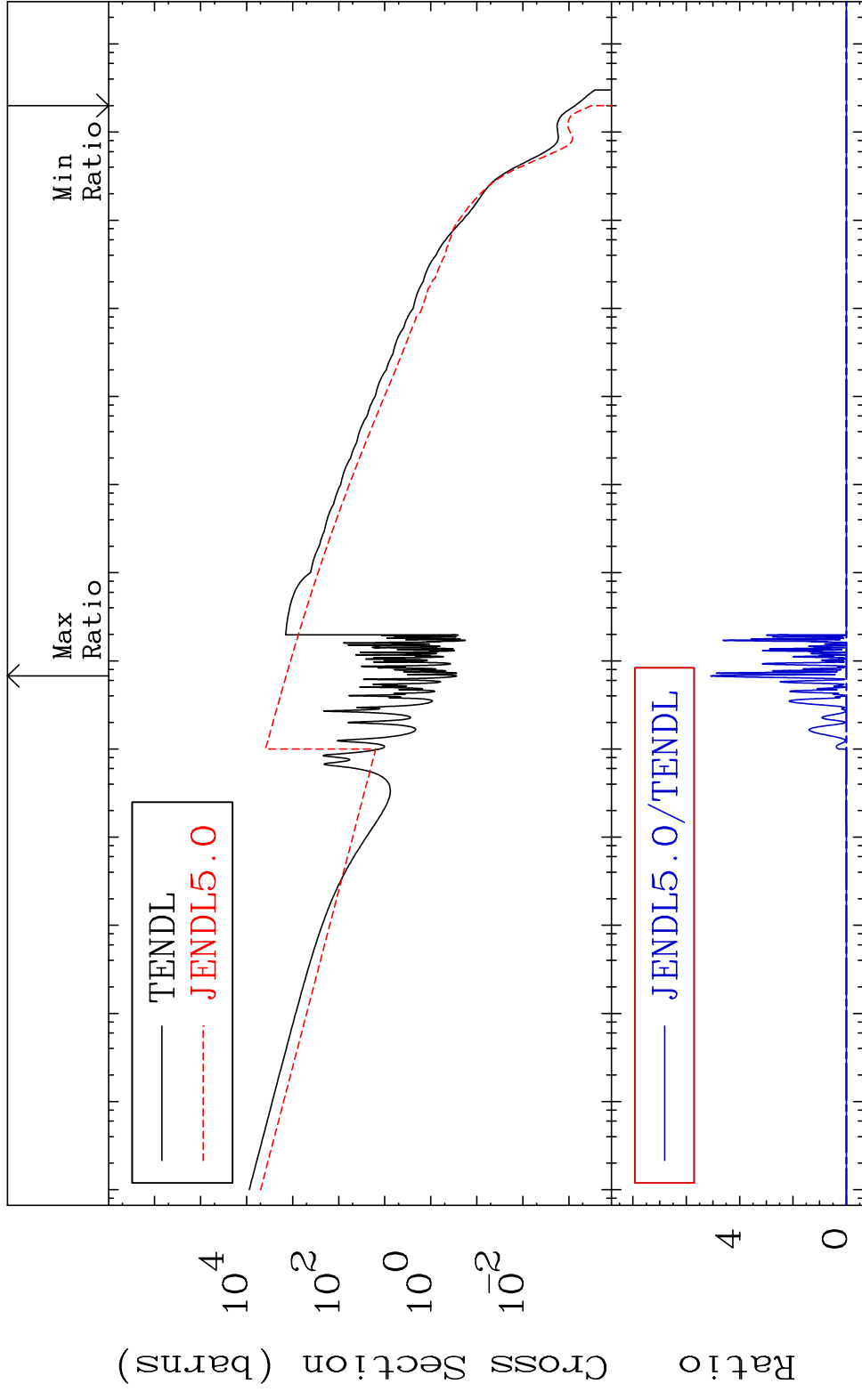
40 Incident Energy (eV) 65-Tb-158

MAT 6522

65-Tb-158

(n,  $\gamma$ )

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

65-Tb-158

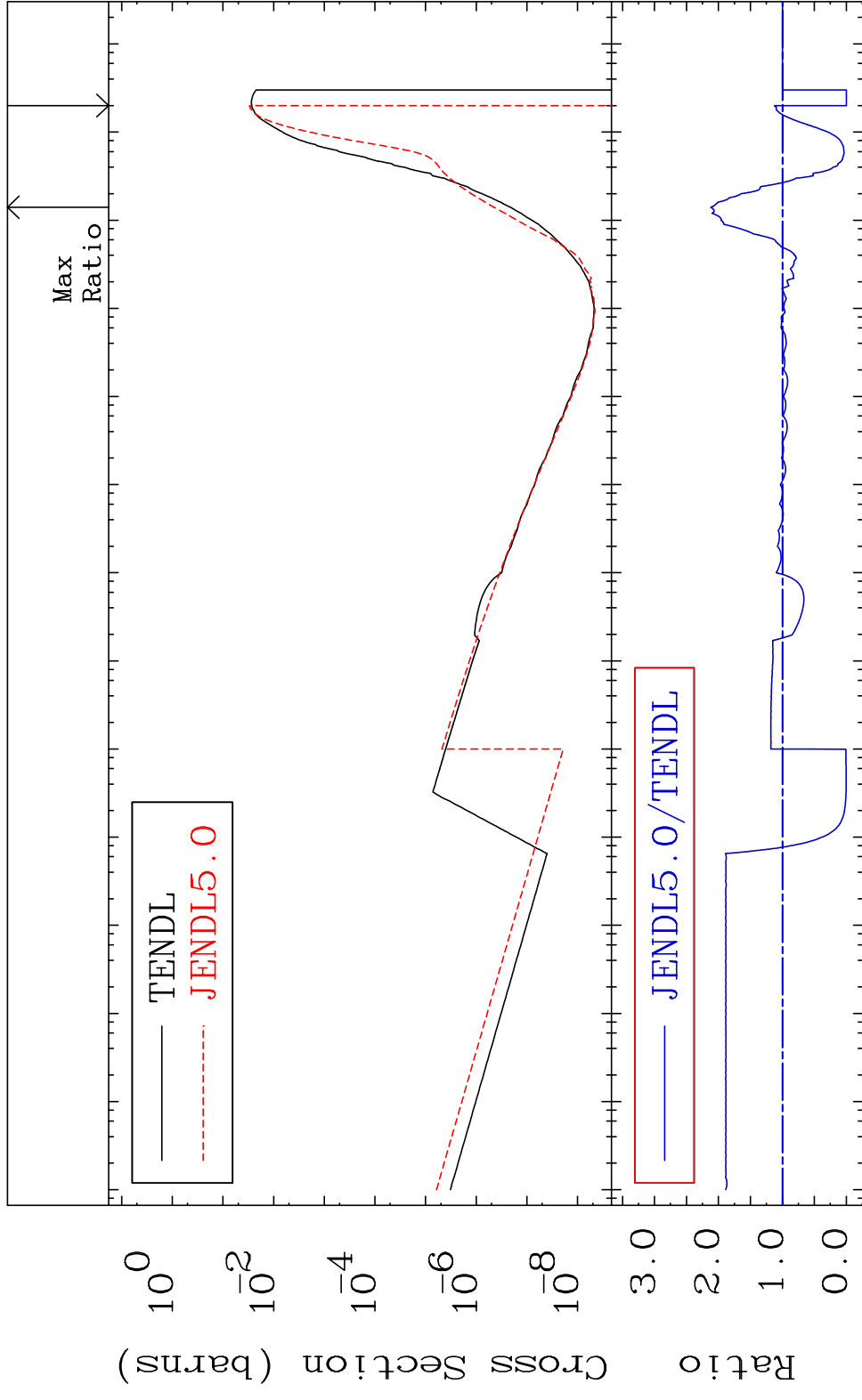
MAT 6522

(n, p)

65-Tb-158

Cross Section

-100.0 To 112.1 %

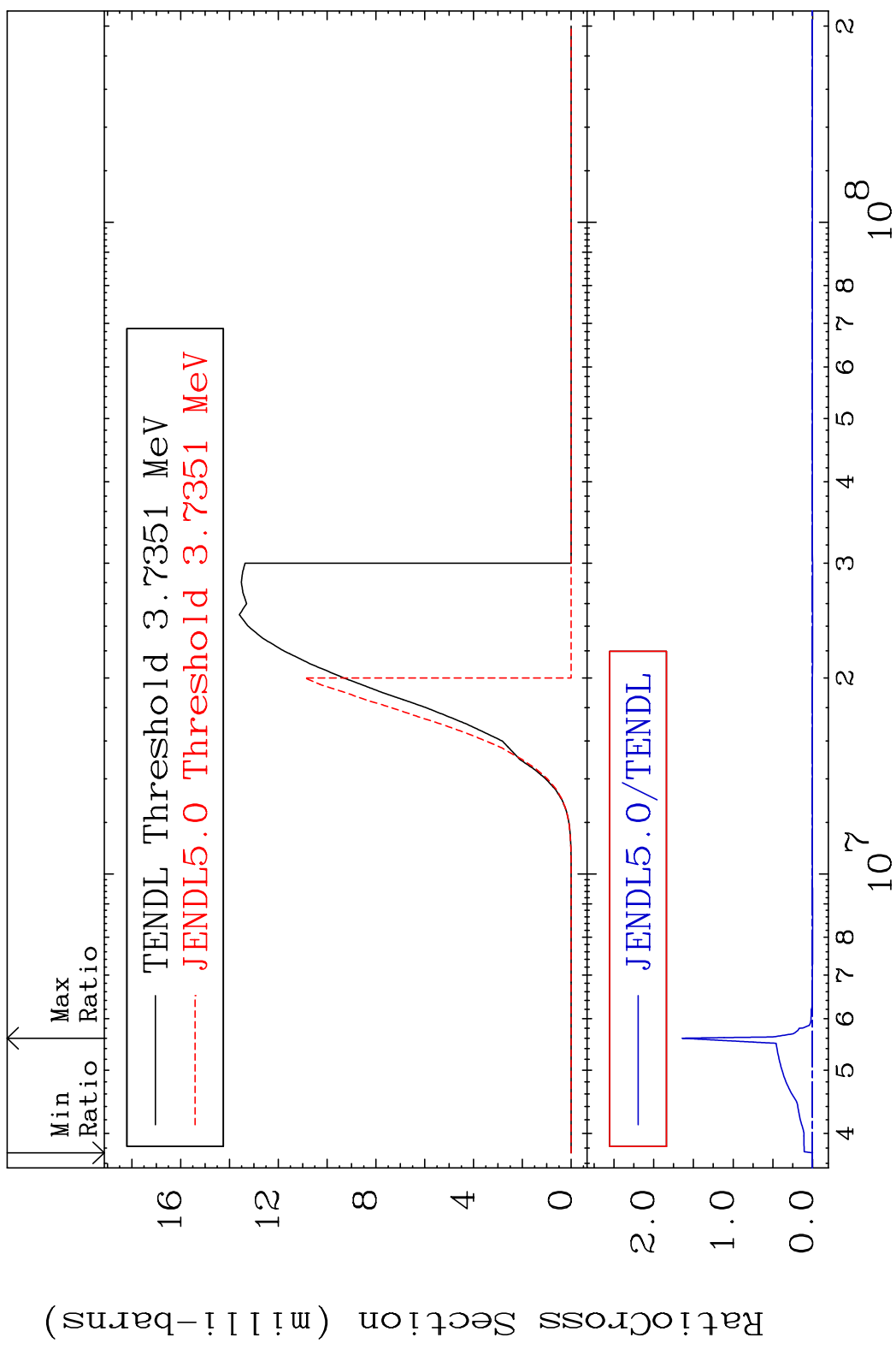


MAT 6522

(n,d)

65-Tb-158

Cross Section -100.0 To 9999. %

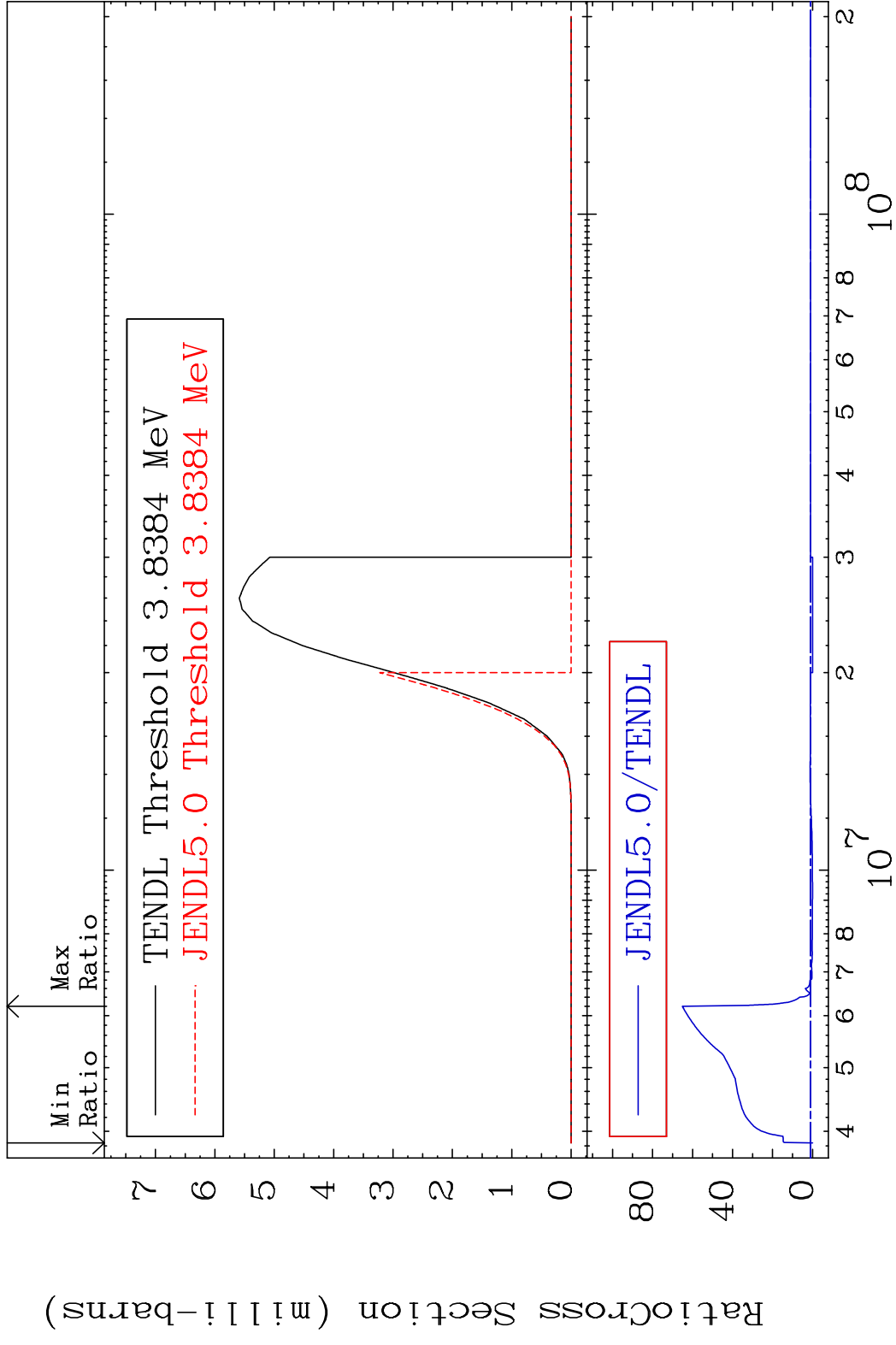


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Incident Energy (eV)

65-Tb-158

MAT 6522 (n, t) 65-Tb-158  
 Cross Section -100.0 To 6410. %



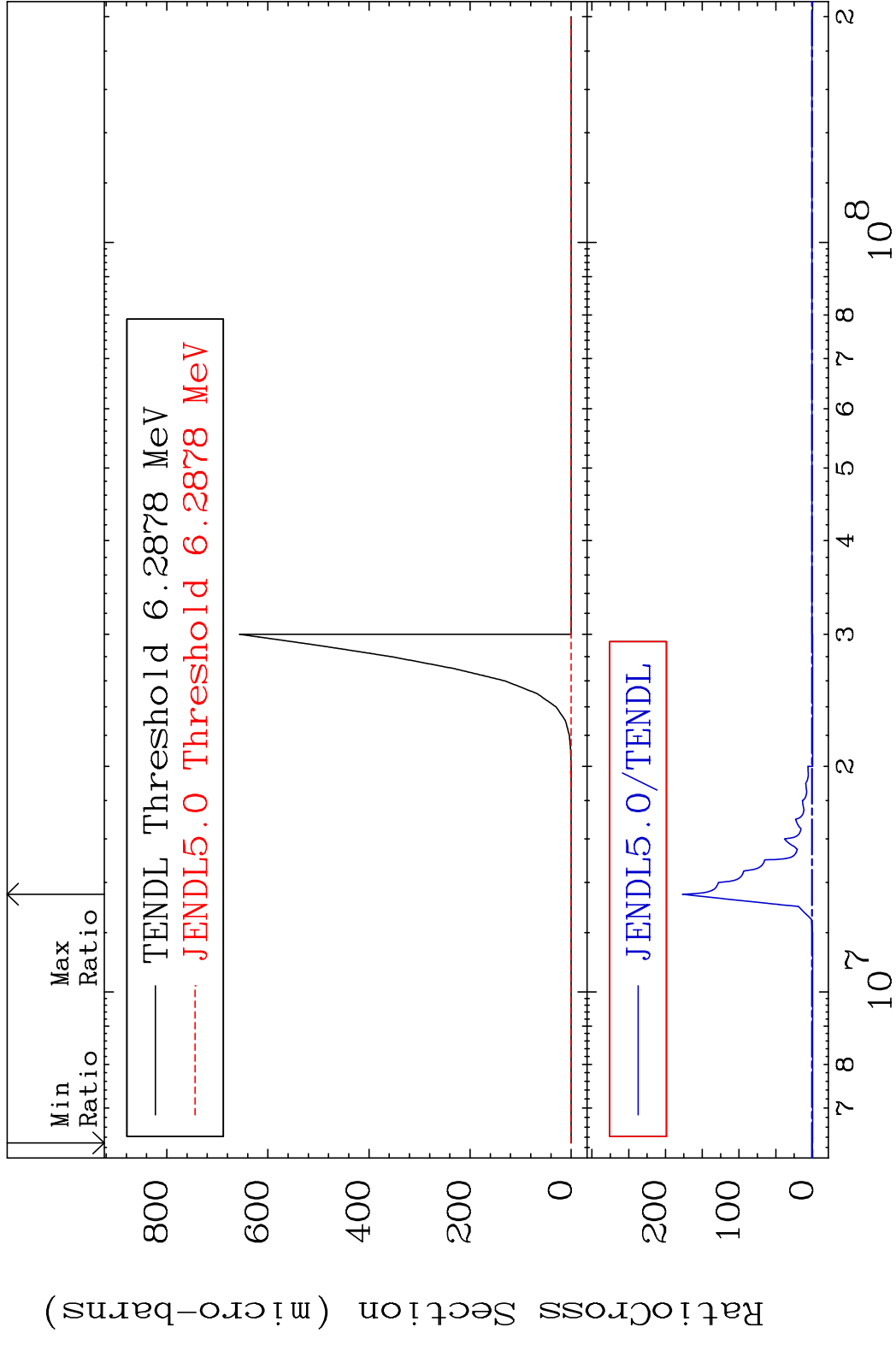
44 Incident Energy (eV) 65-Tb-158

MAT 6522

(n, He-3)

65-Tb-158

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

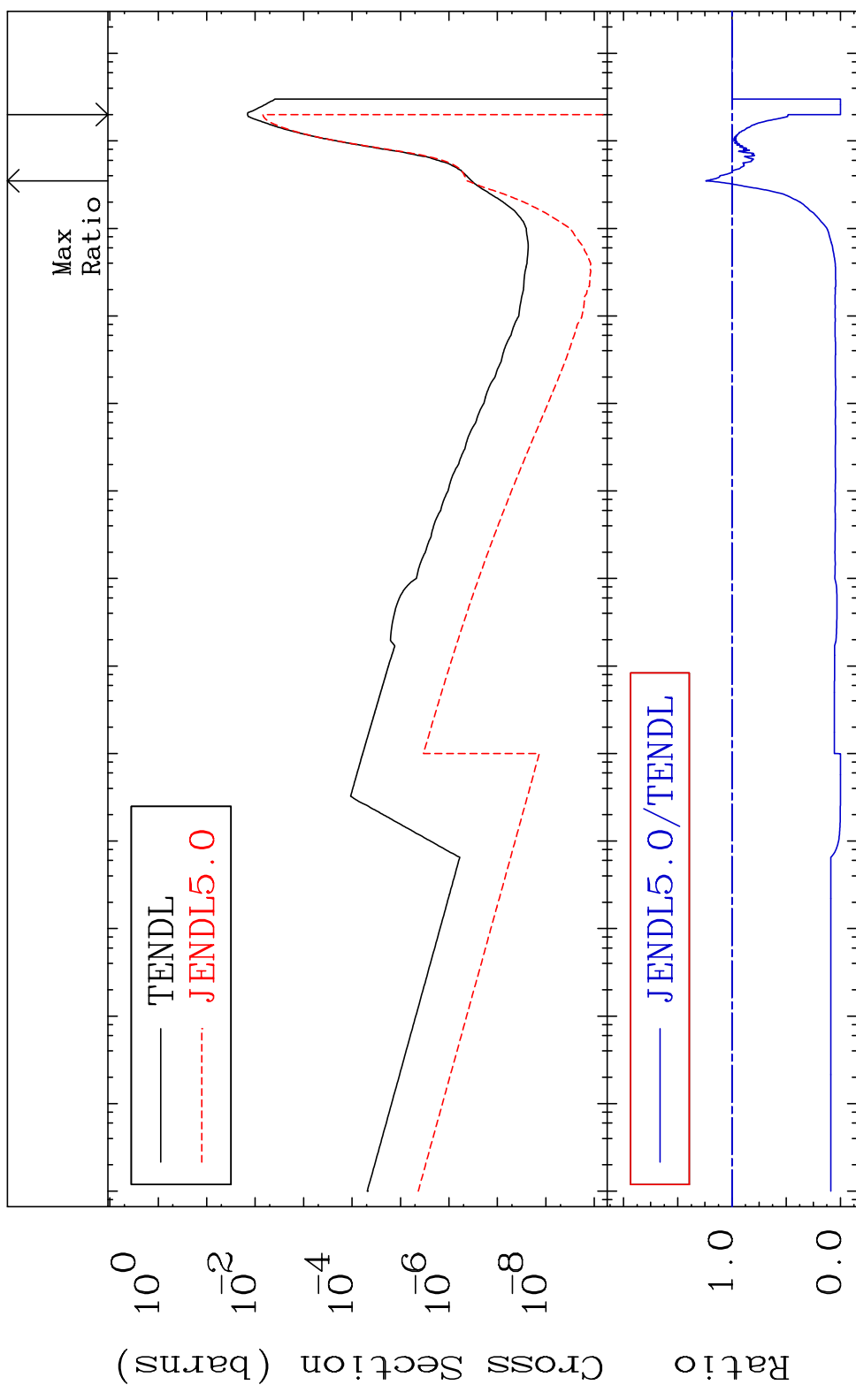
65-Tb-158

MAT 6522

(n,  $\alpha$ )

65-Tb-158

Cross Section -100.0 To 24.18 %



46

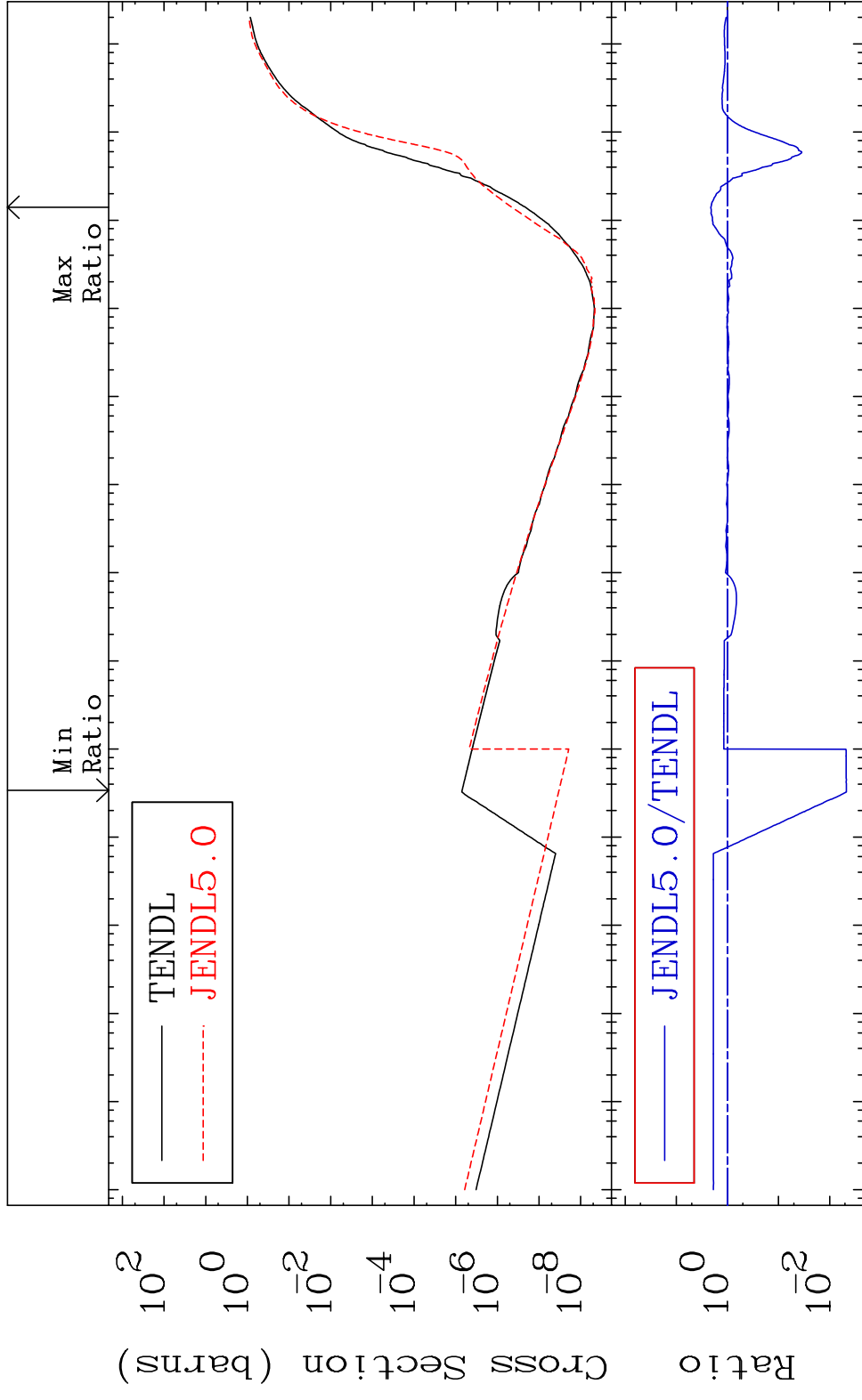
Incident Energy (eV)

65-Tb-158

MAT 6522

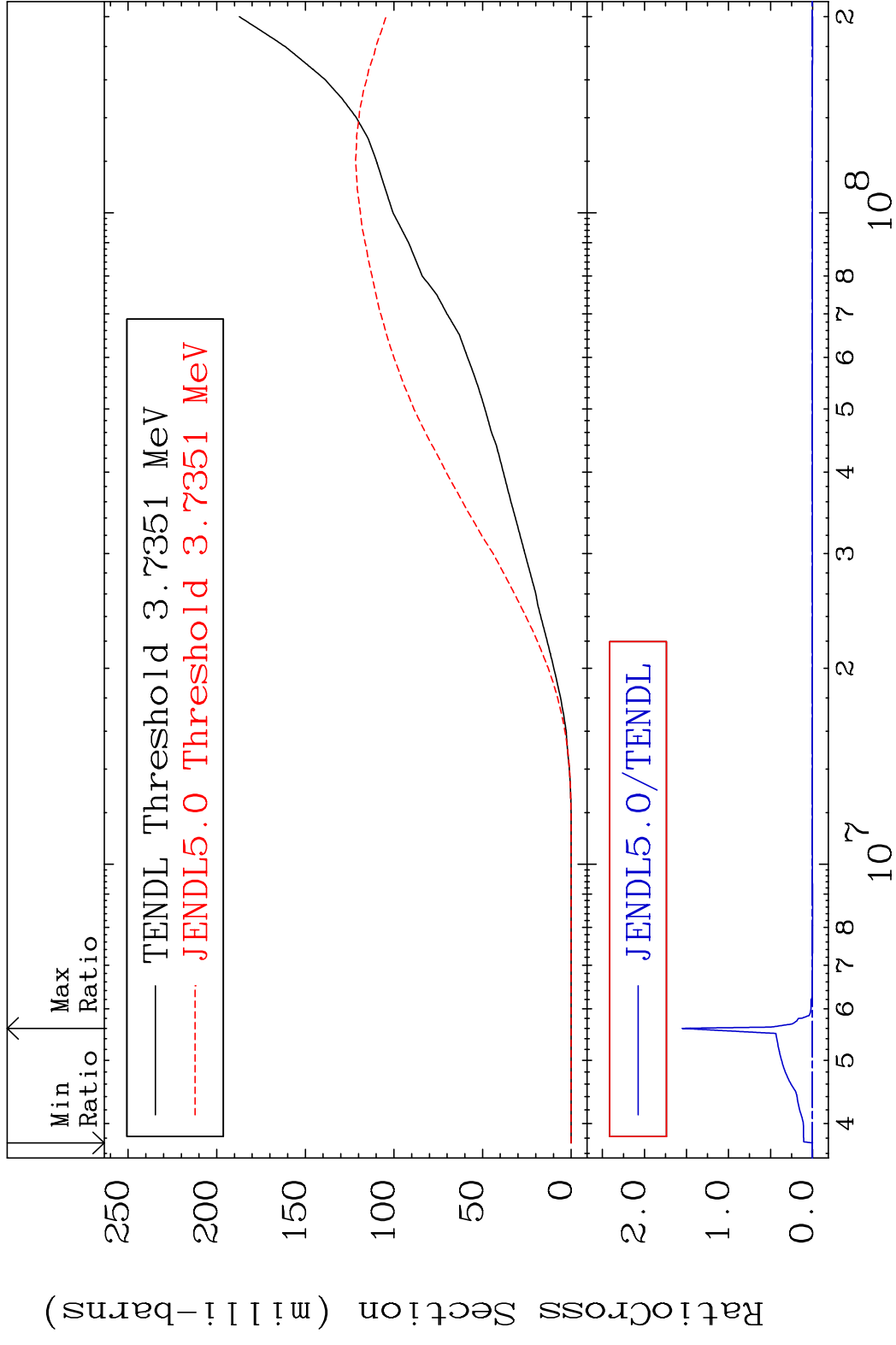
Hydrogen Production  
Cross Section -99.53 To 112.1 %

65-Tb-158





MAT 6522 Deuterium Production 65-Tb-158  
 Cross Section -100.0 To 9999. %

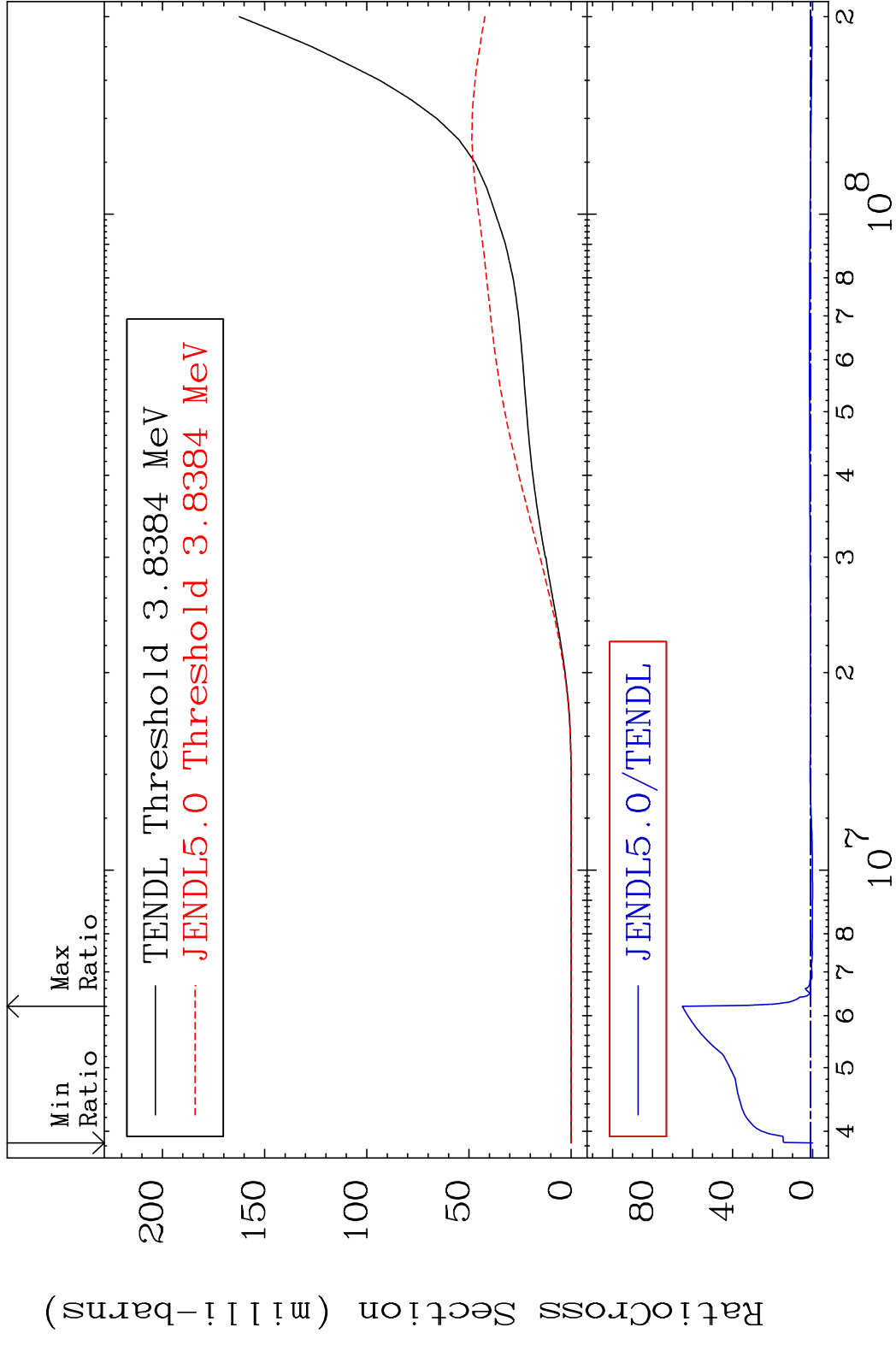


MAT 6522

Tritium Production

65-Tb-158

Cross Section -100.0 To 6410. %



49

Incident Energy (eV)

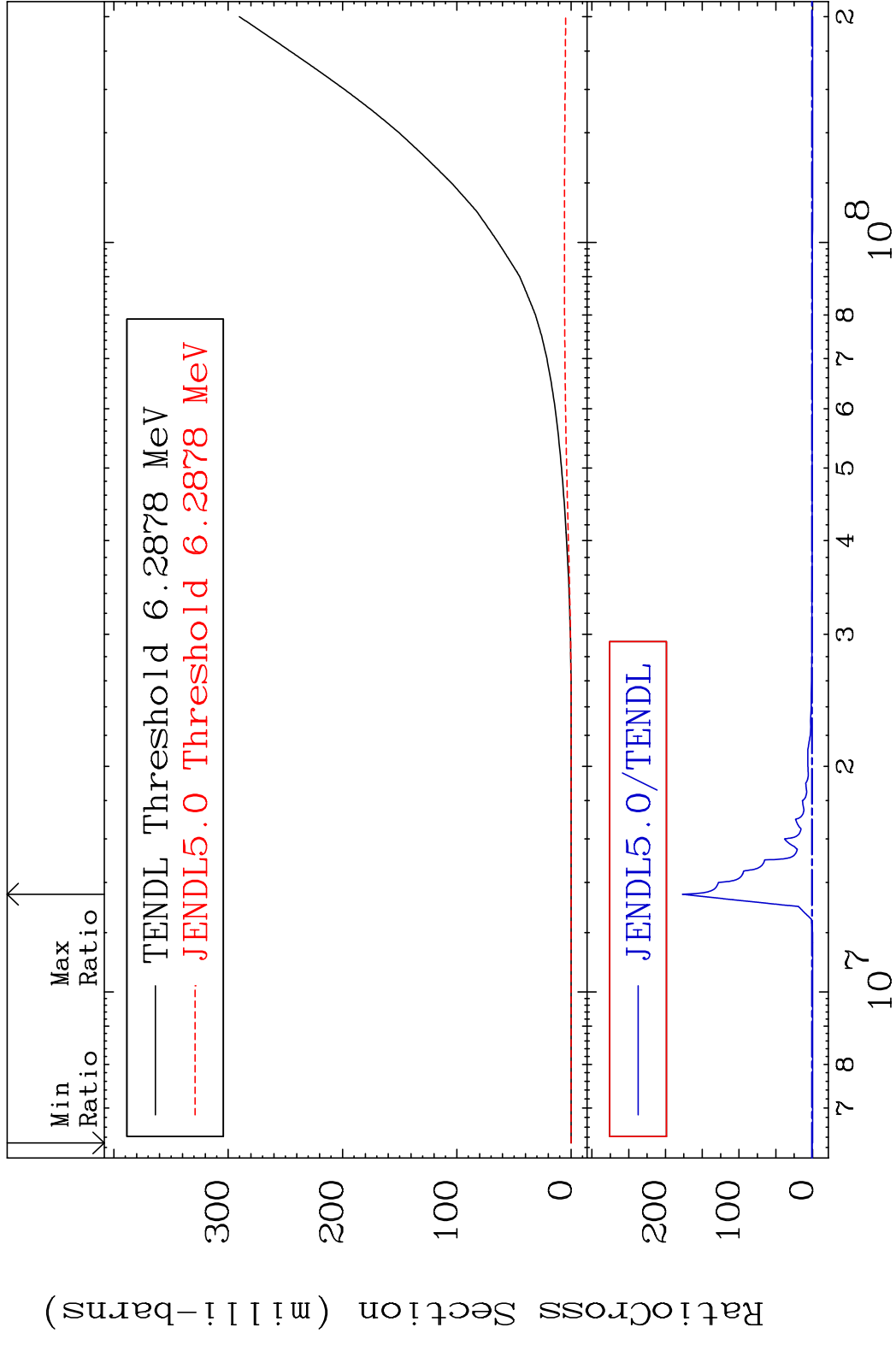
65-Tb-158

MAT 6522

He-3 Production

65-Tb-158

Cross Section -100.0 To 9999. %



50

Incident Energy (eV)

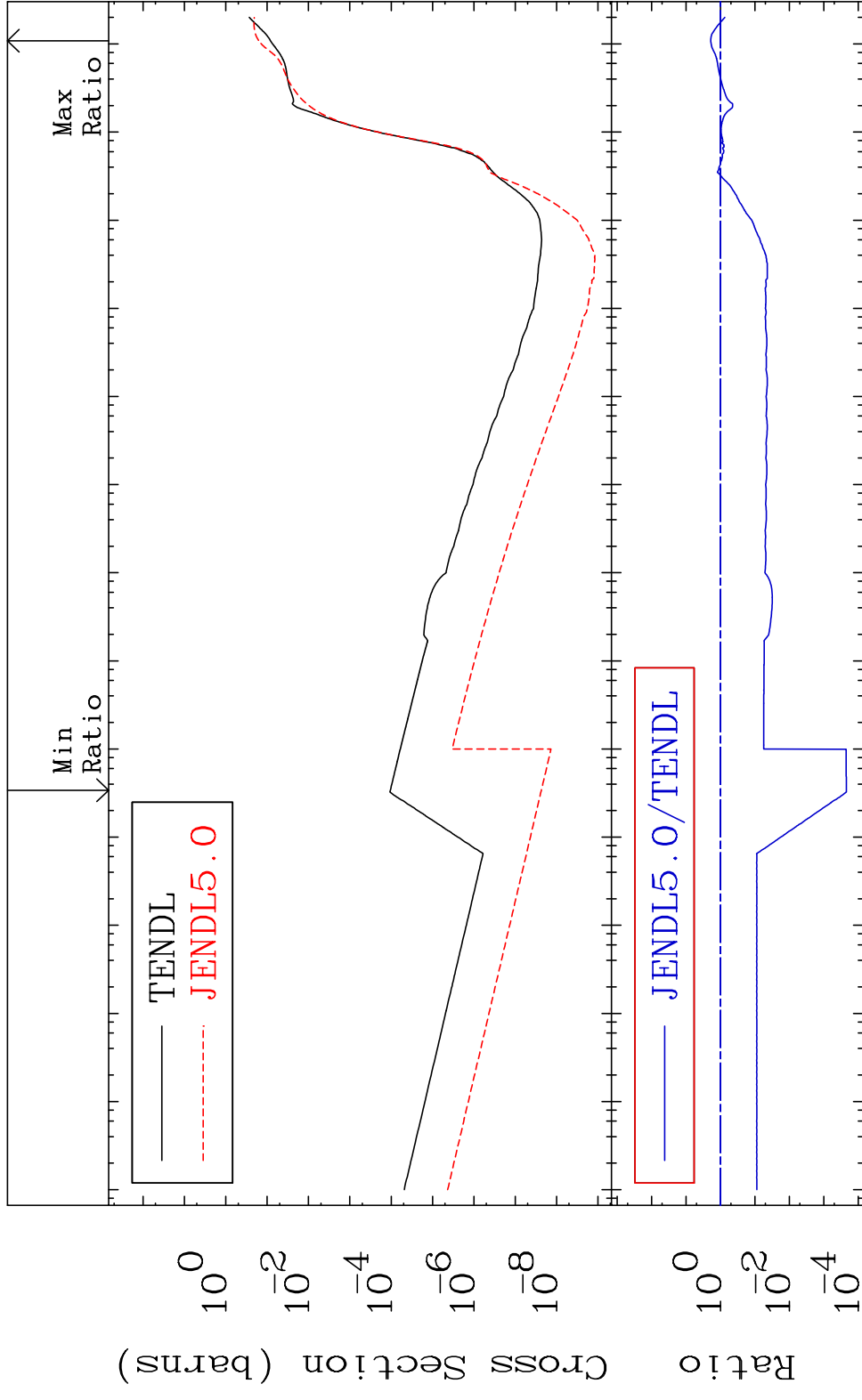
65-Tb-158

MAT 6522

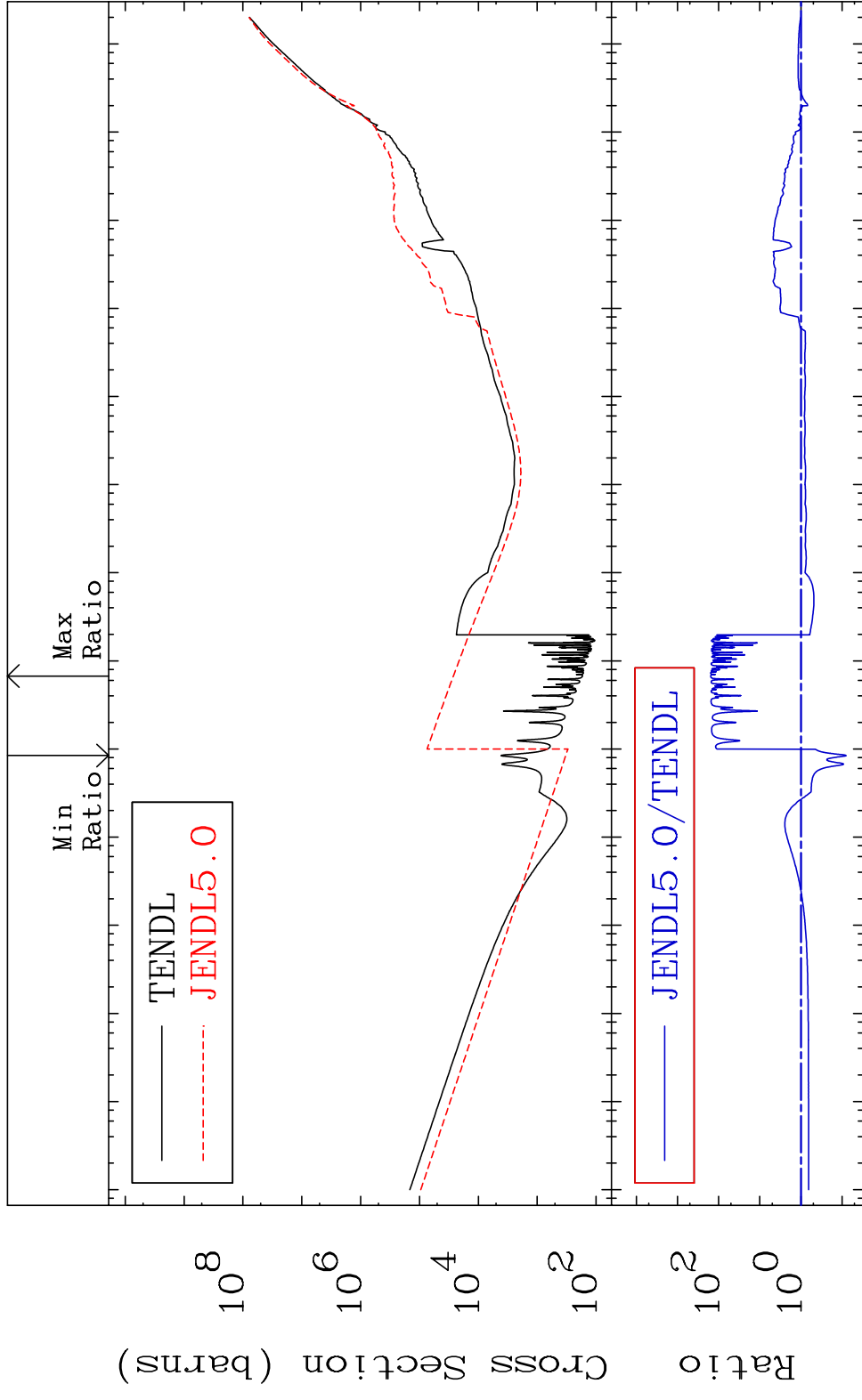
He-4 Production

65-Tb-158

Cross Section -99.98 To 93.41 %



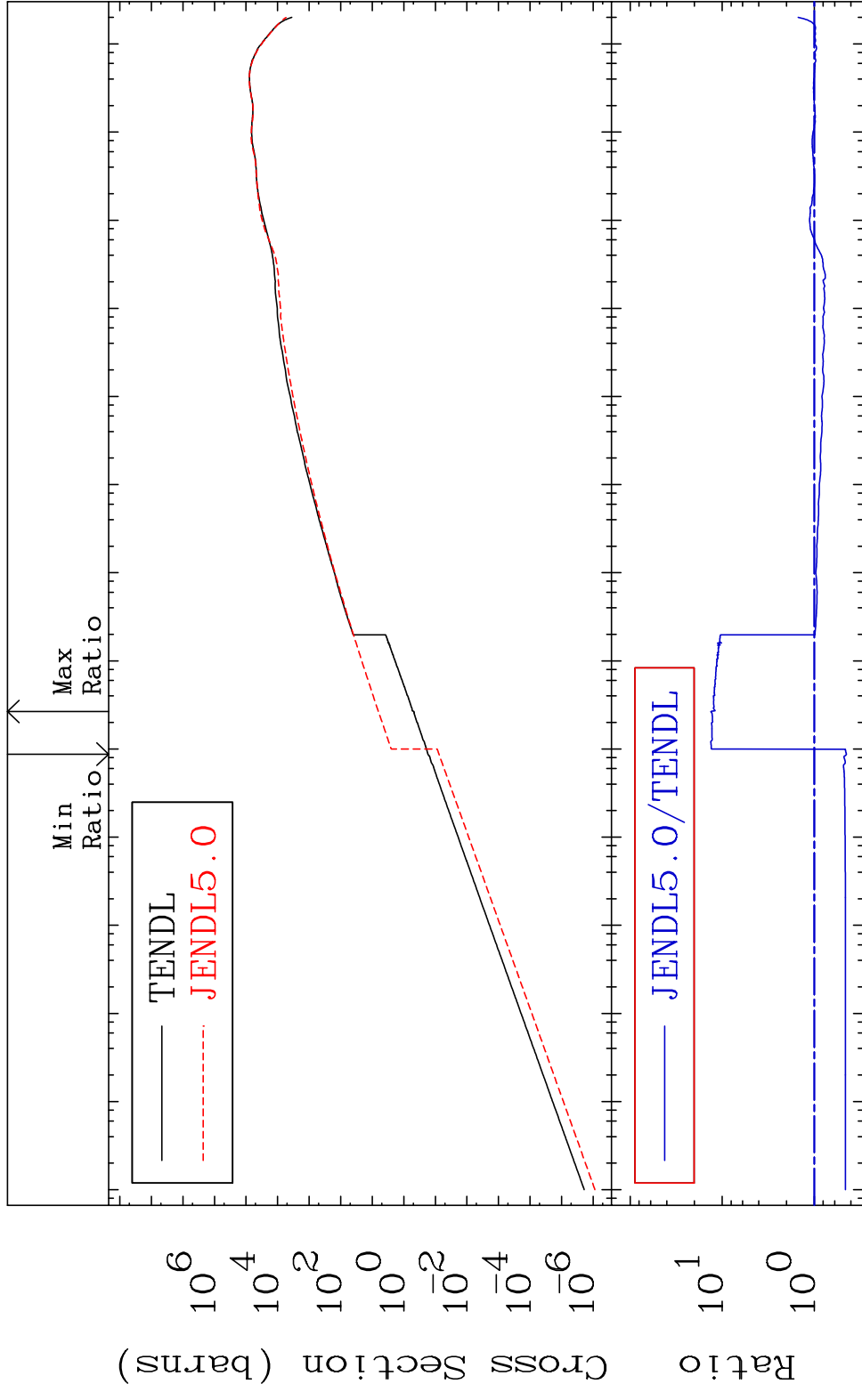
MAT 6522 Kerma total (eV-barns) 65-Tb-158  
 Cross Section -92.13 To 9999. %



MAT 6522

Kerma elastic  
Cross Section -55.18 To 1232. %

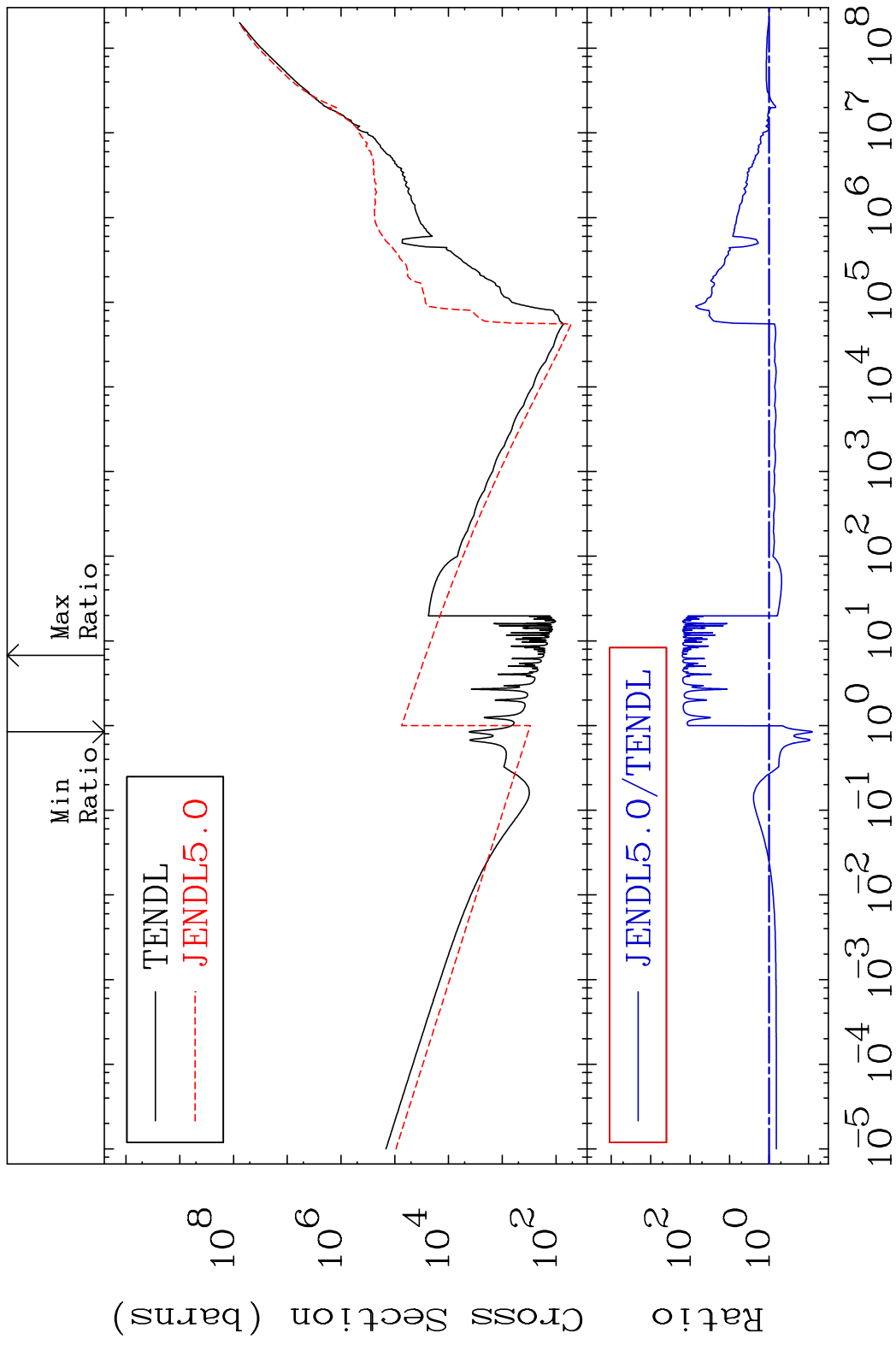
65-Tb-158



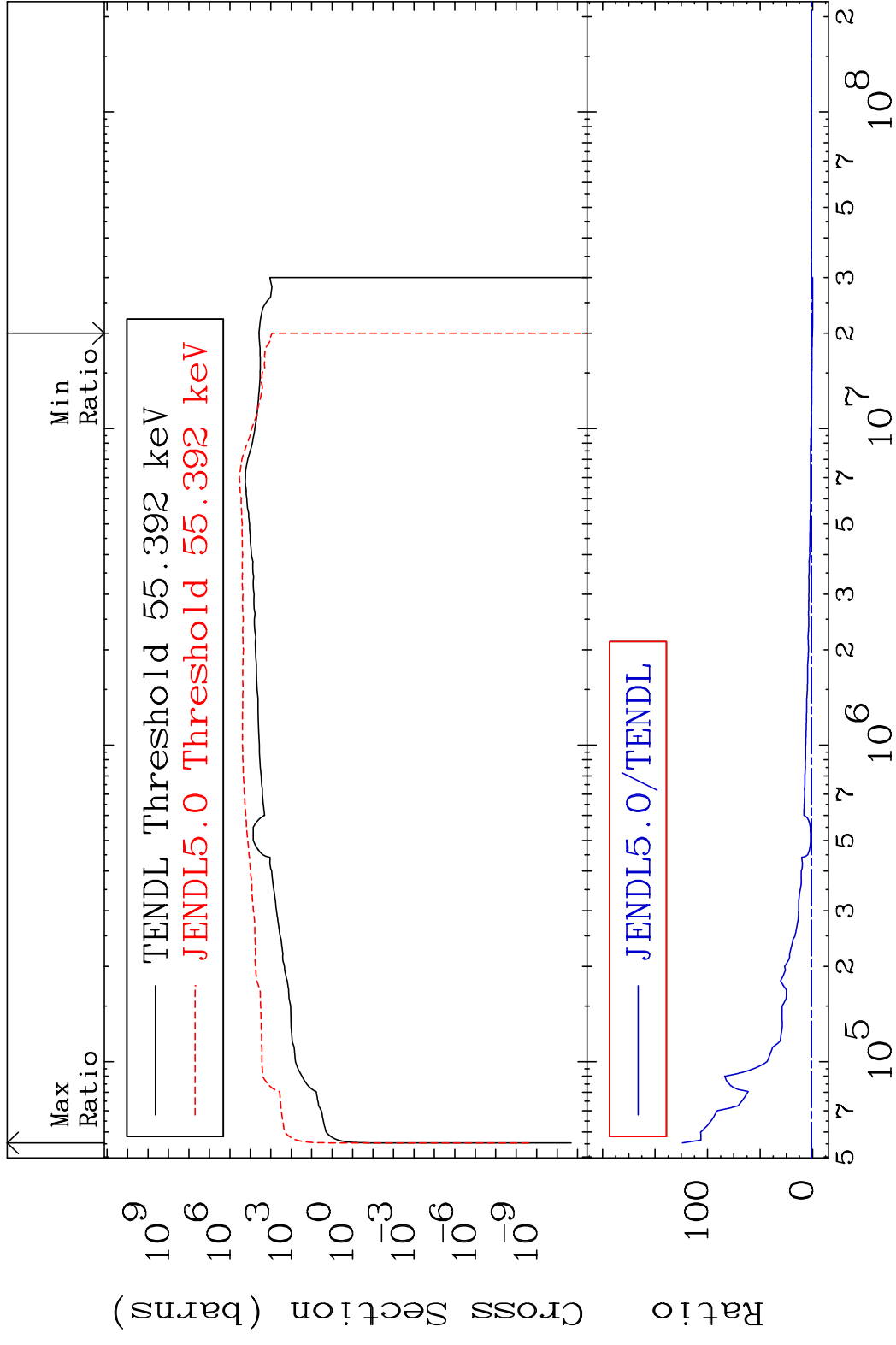
Ratio  
10<sup>1</sup>  
10<sup>0</sup>

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 6522 Kerma non-elastic (all but mt2) 65-Tb-158  
 Cross Section -92.14 To 9999. %

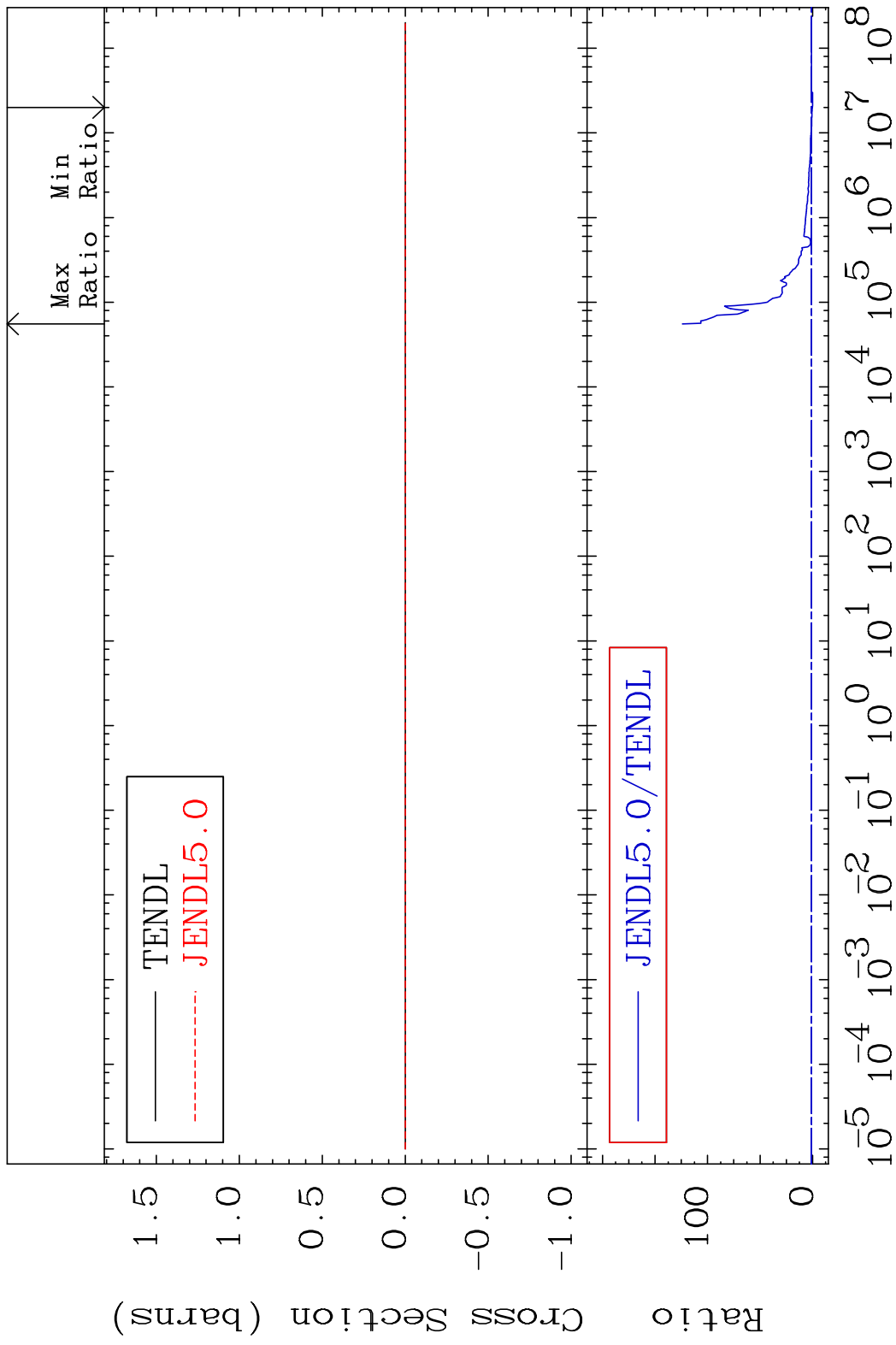


MAT 6522 Kerma inelastic (mt51-91) 65-Tb-158  
 Cross Section -100.0 To 9999. %





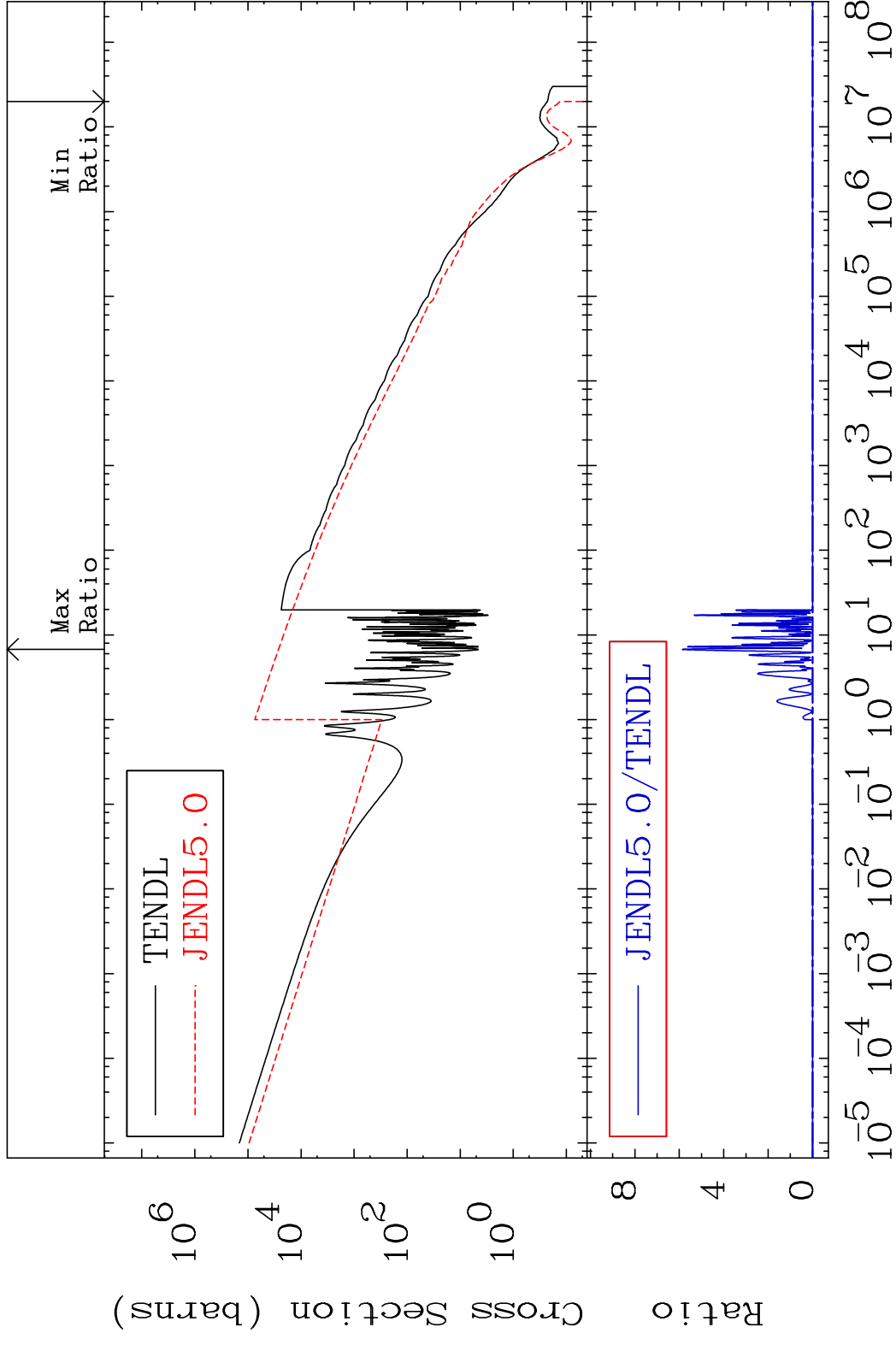
MAT 6522 Kerma fission (mt18 or mt19-20-21-38) 65-Tb-158  
 Cross Section -100.0 To 9999. %



MAT 6522

Kerma capture (mt102) 65-Tb-158

Cross Section -100.0 To 9999. %



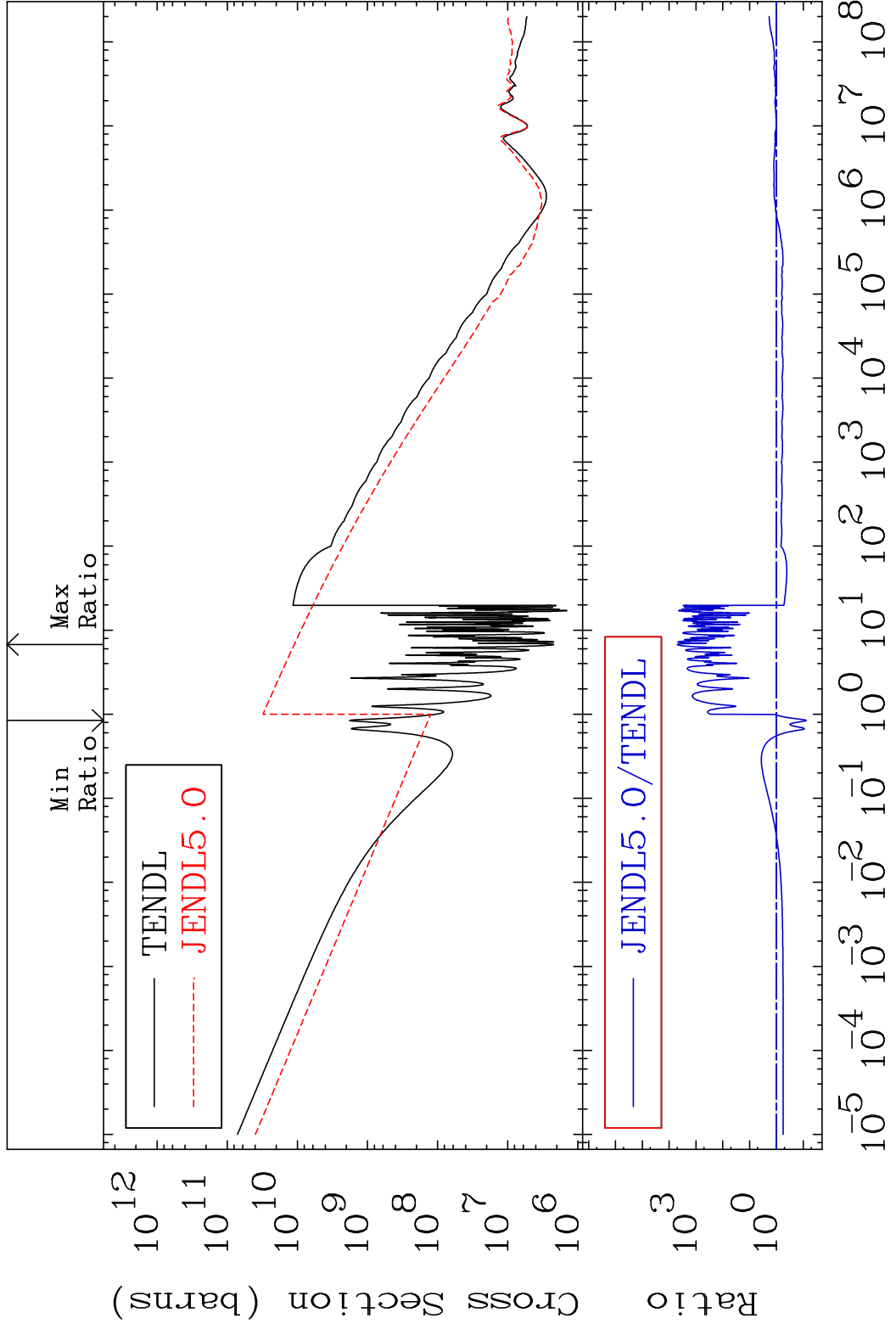
57

Incident Energy (eV)

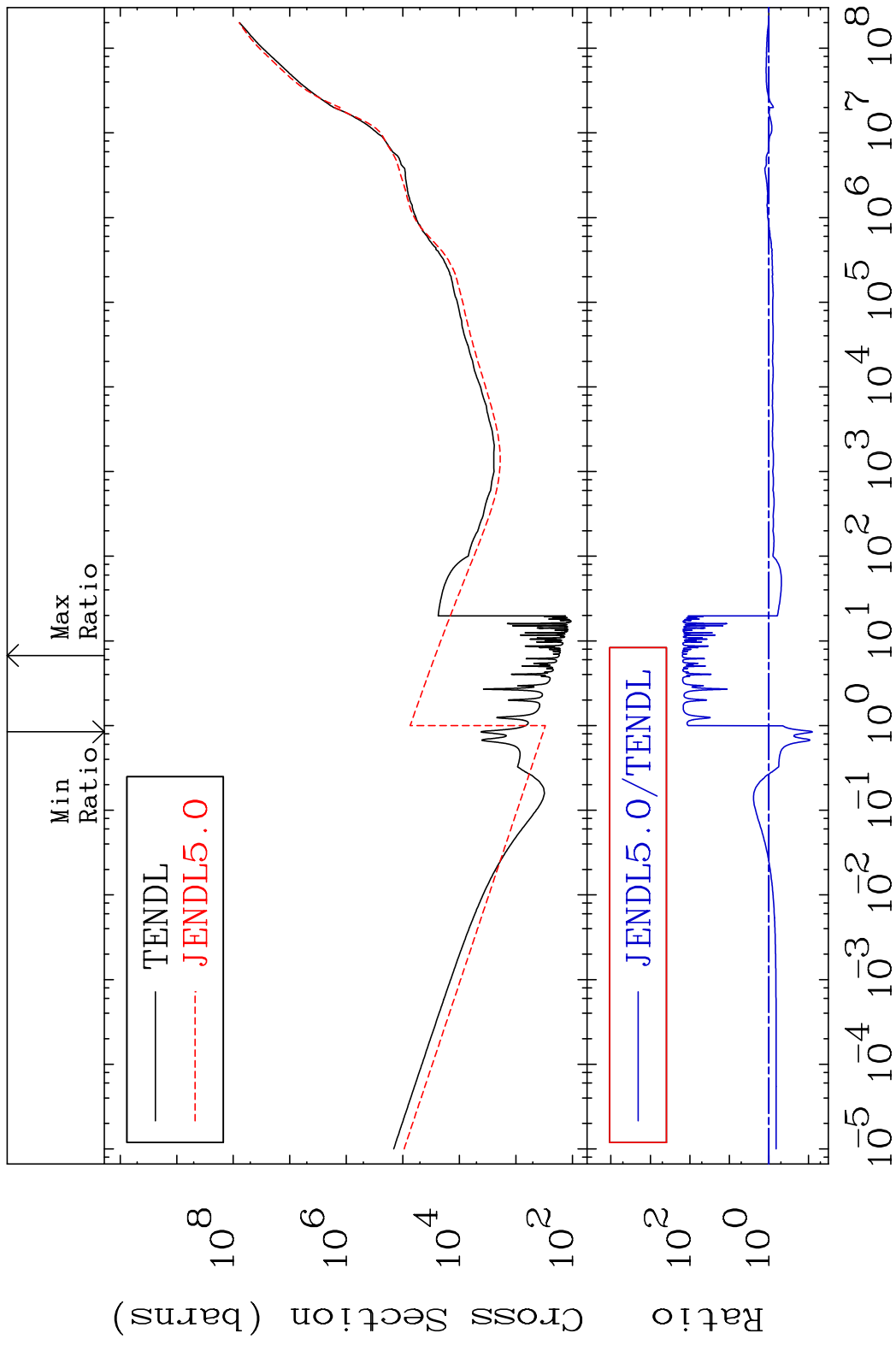
65-Tb-158

MAT 6522

Total photon (eV-barns) 65-Tb-158  
Cross Section -92.41 To 9999. %



MAT 6522 Total kinematic kerma (high limit) 65-Tb-158  
 Cross Section -92.14 To 9999. %

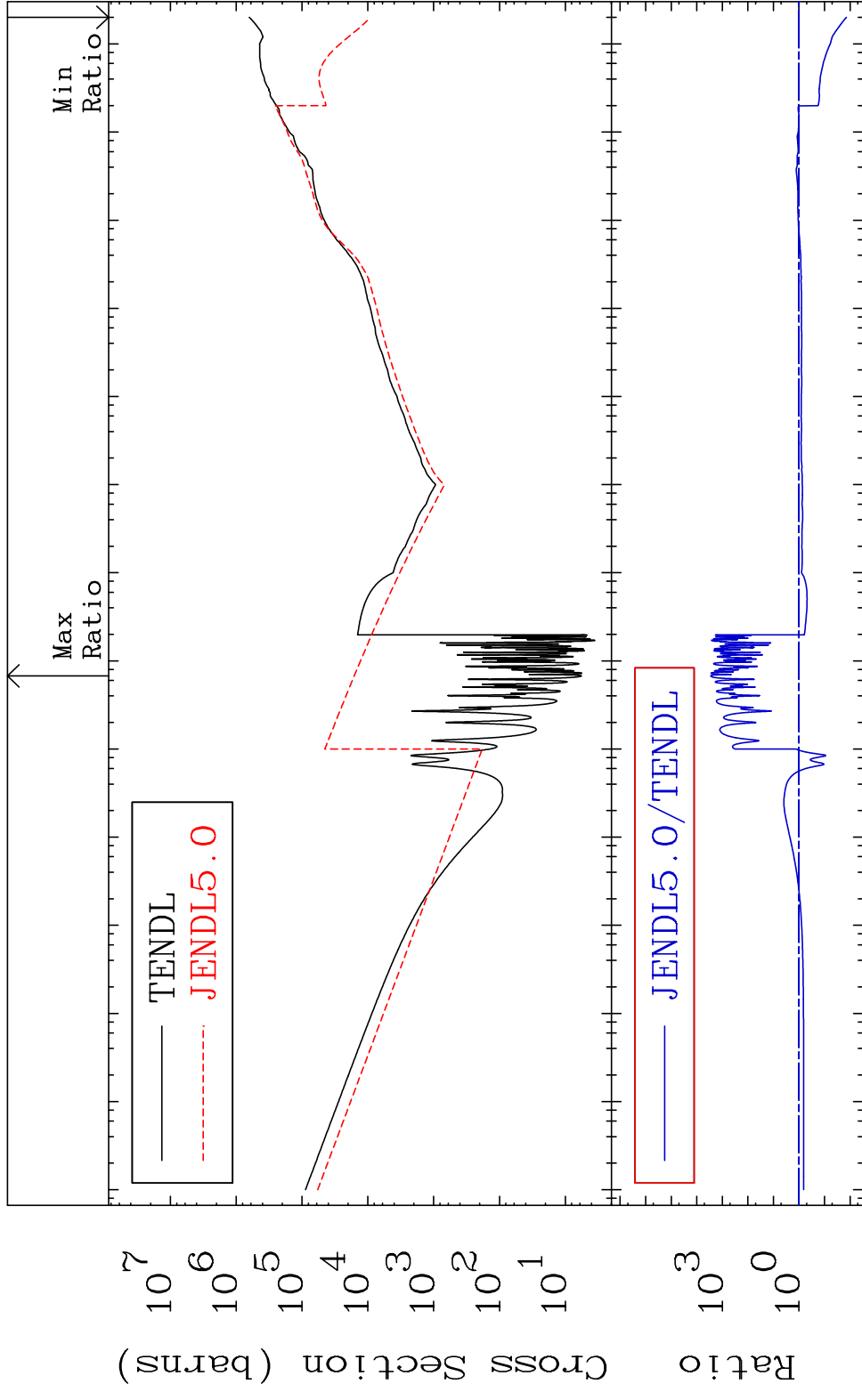


MAT 6522

Dpa total (eV-barns)

65-Tb-158

Cross Section -98.60 To 9999. %



60

Incident Energy (eV)

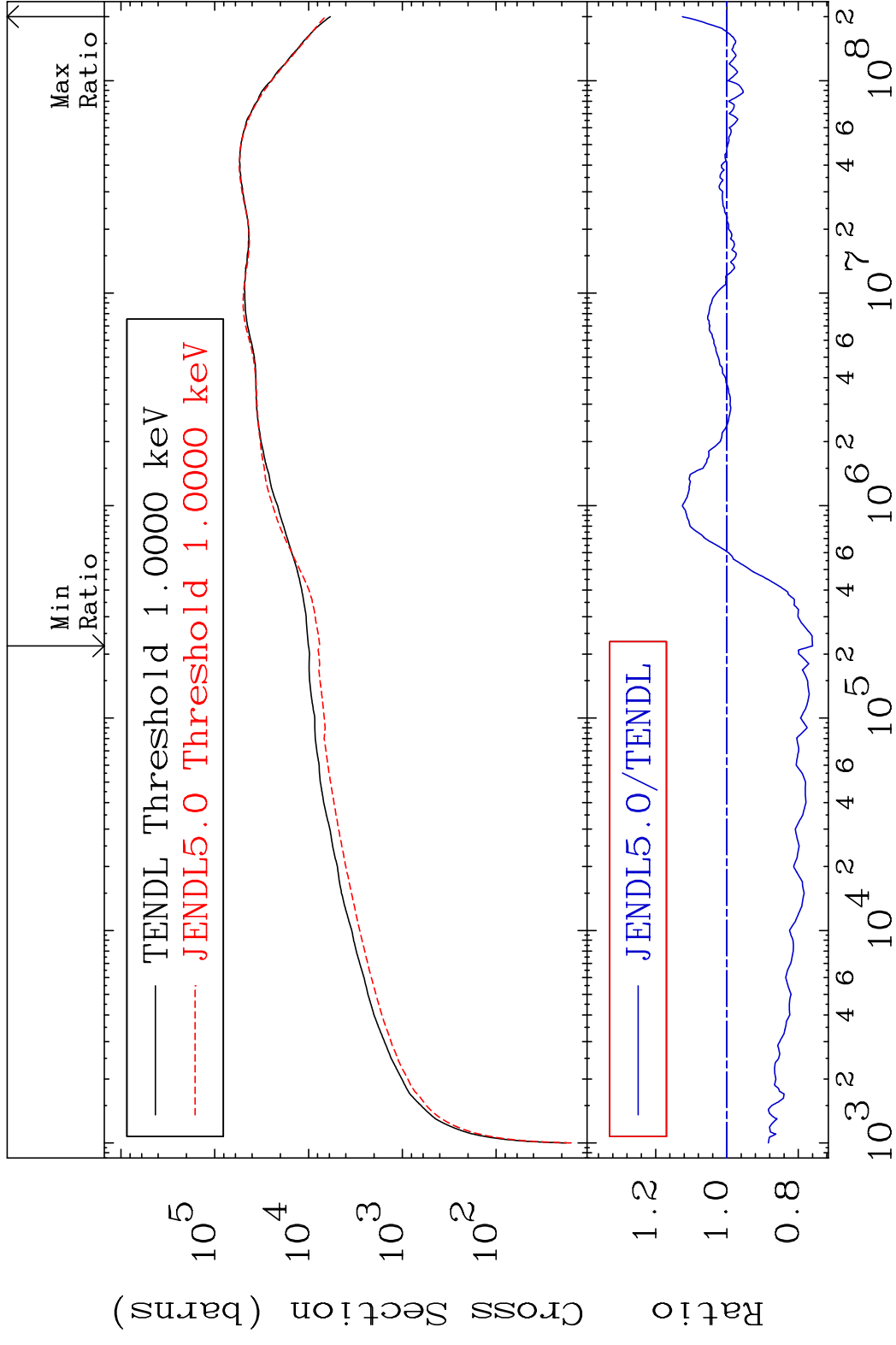
65-Tb-158

MAT 6522

Dpa elastic (mt2)

65-Tb-158

Cross Section -24.01 To 12.50 %

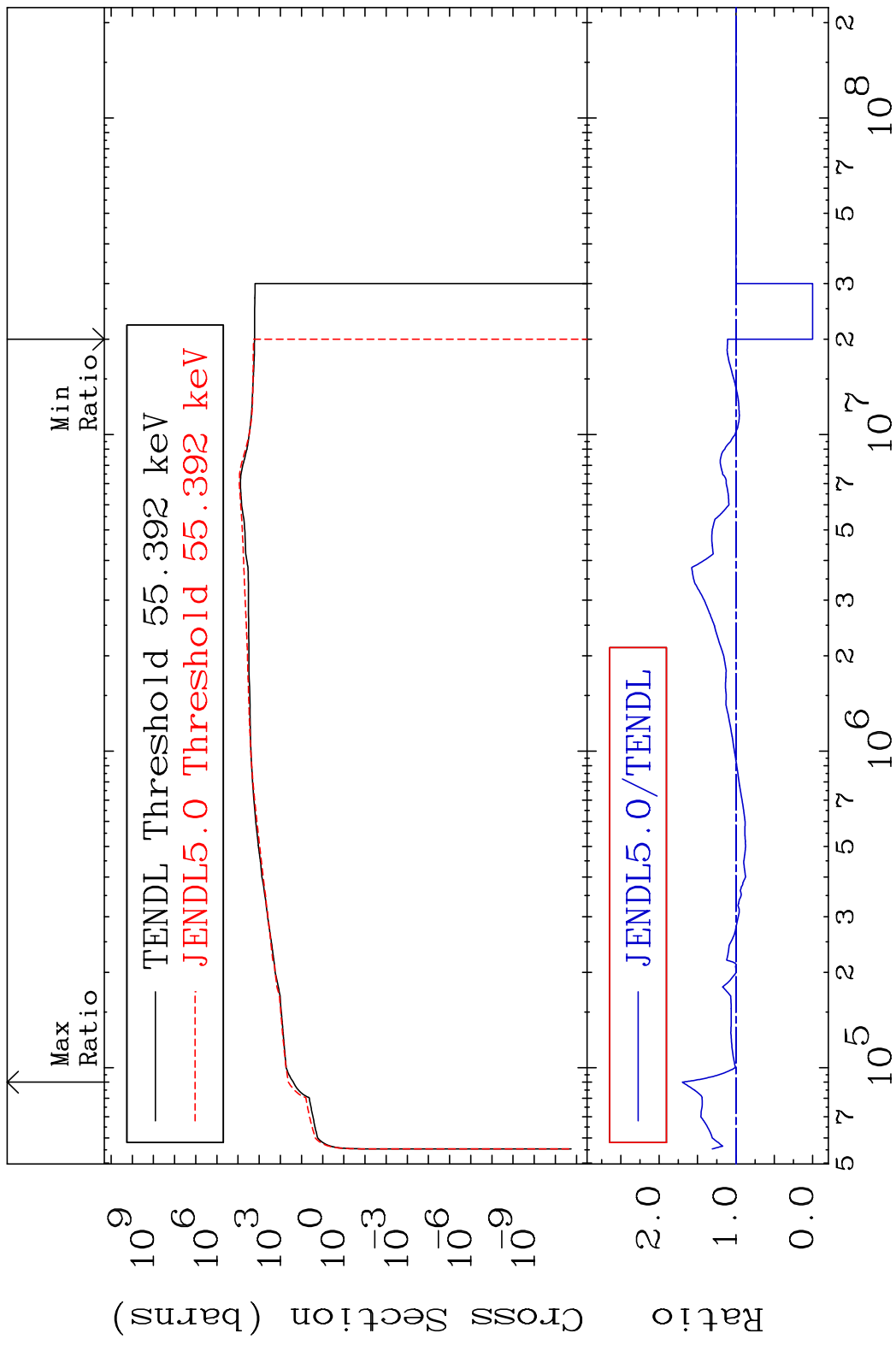


61

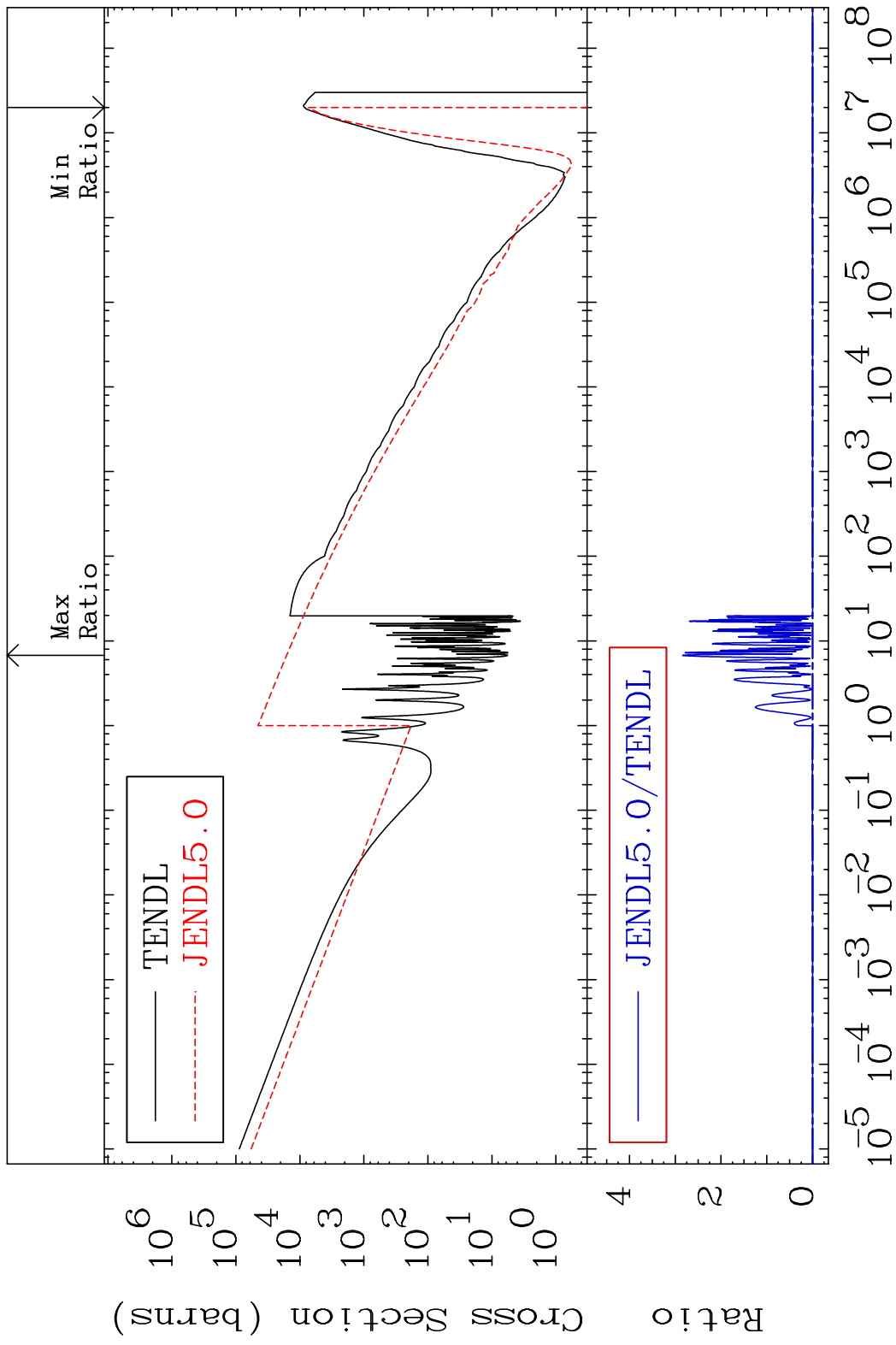
Incident Energy (eV)

65-Tb-158

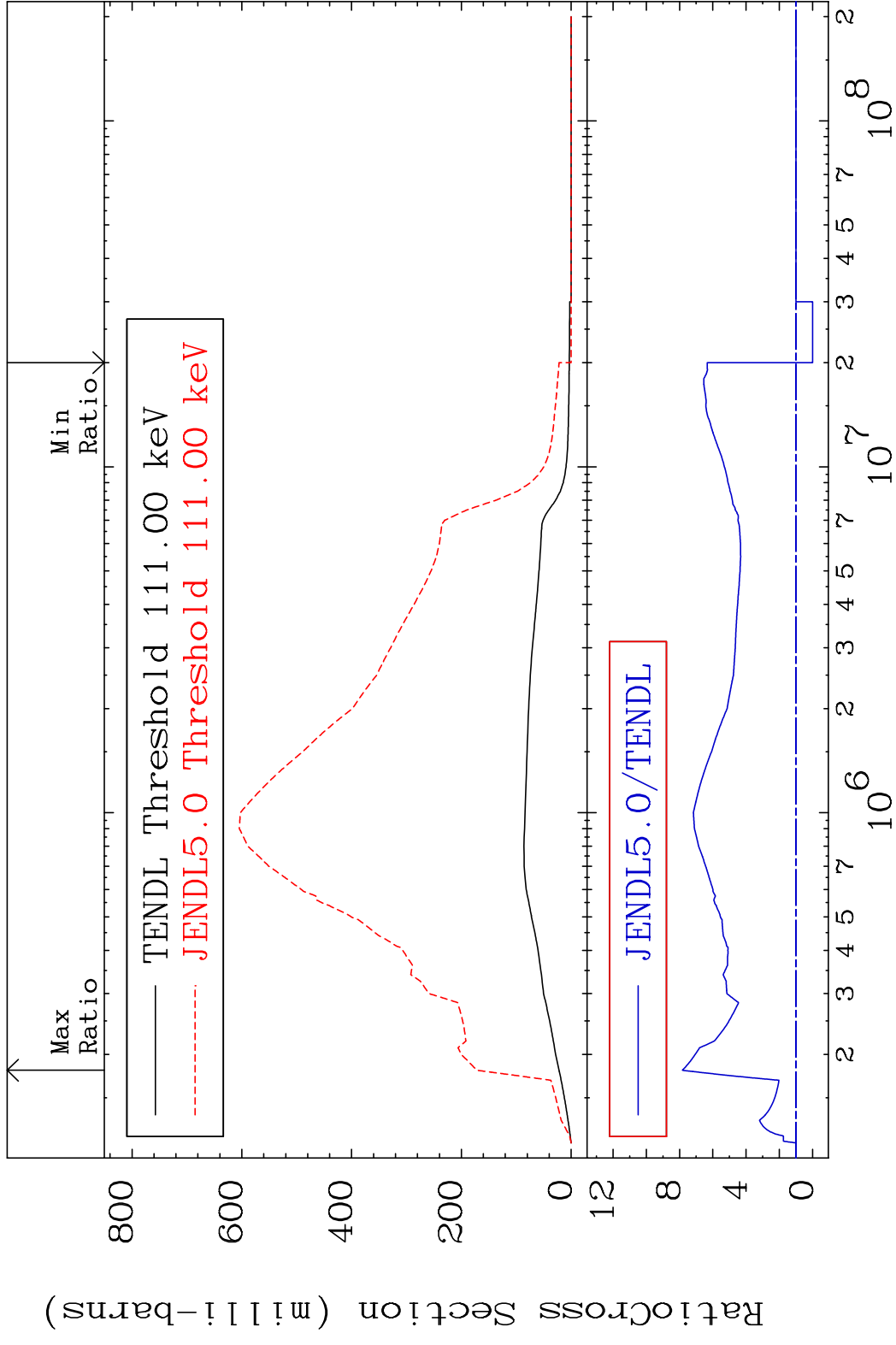
MAT 6522 Dpa inelastic (mt51-91) 65-Tb-158  
 Cross Section -100.0 To 69.82 %



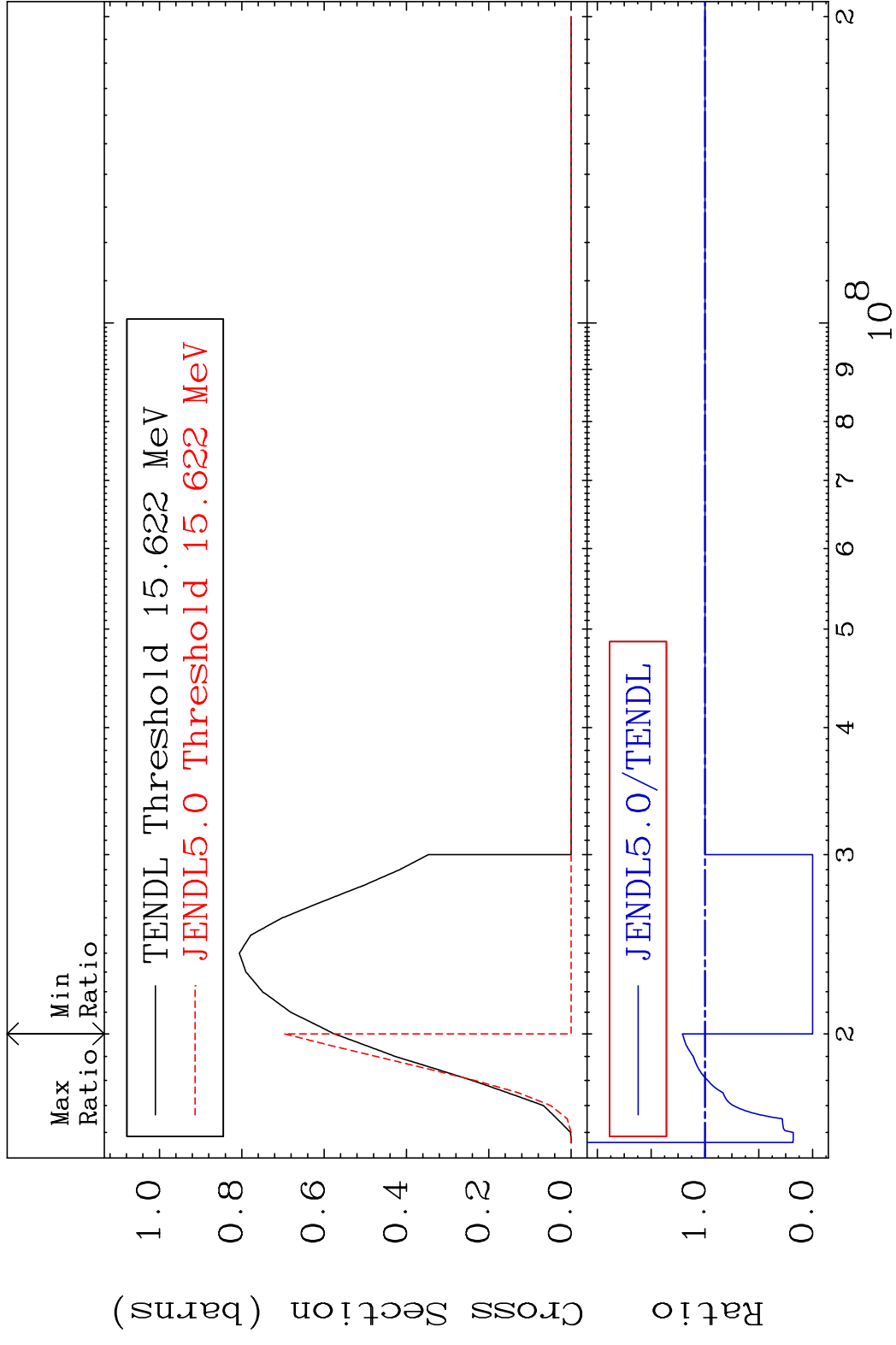
MAT 6522 Dpa disappearance (mt102 -120) 65-Tb-158  
 Cross Section -100.0 To 9999. %

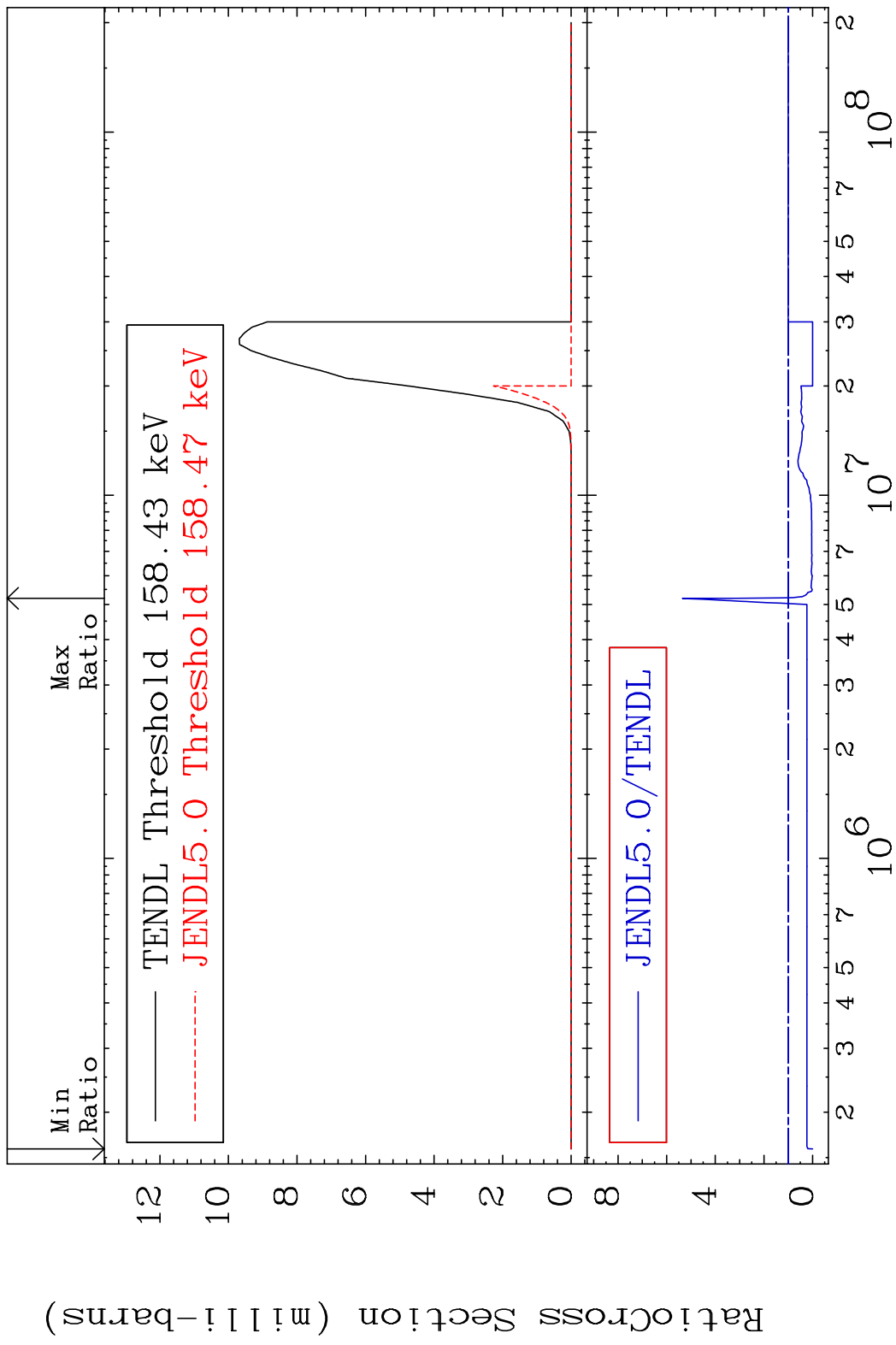


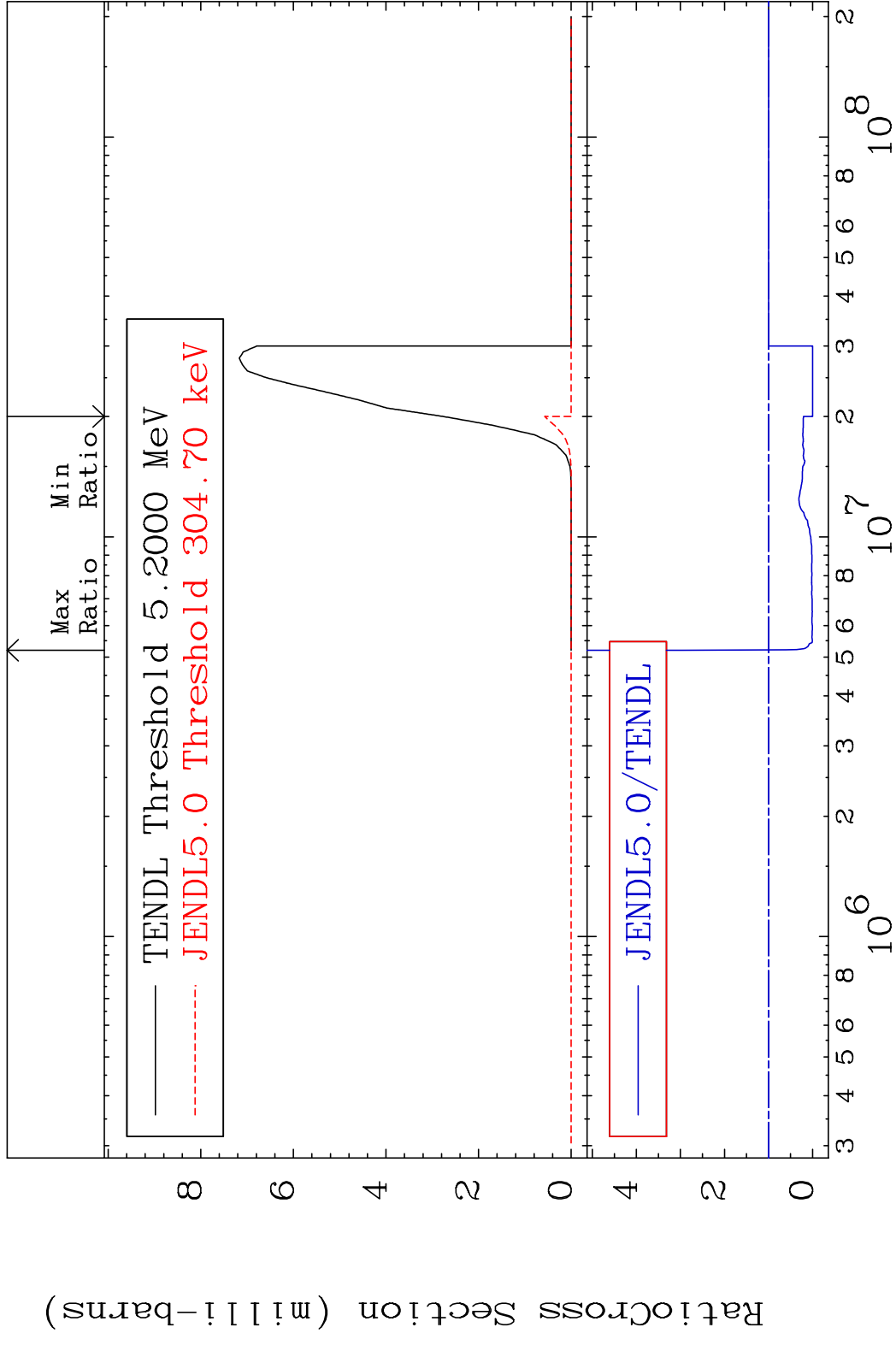




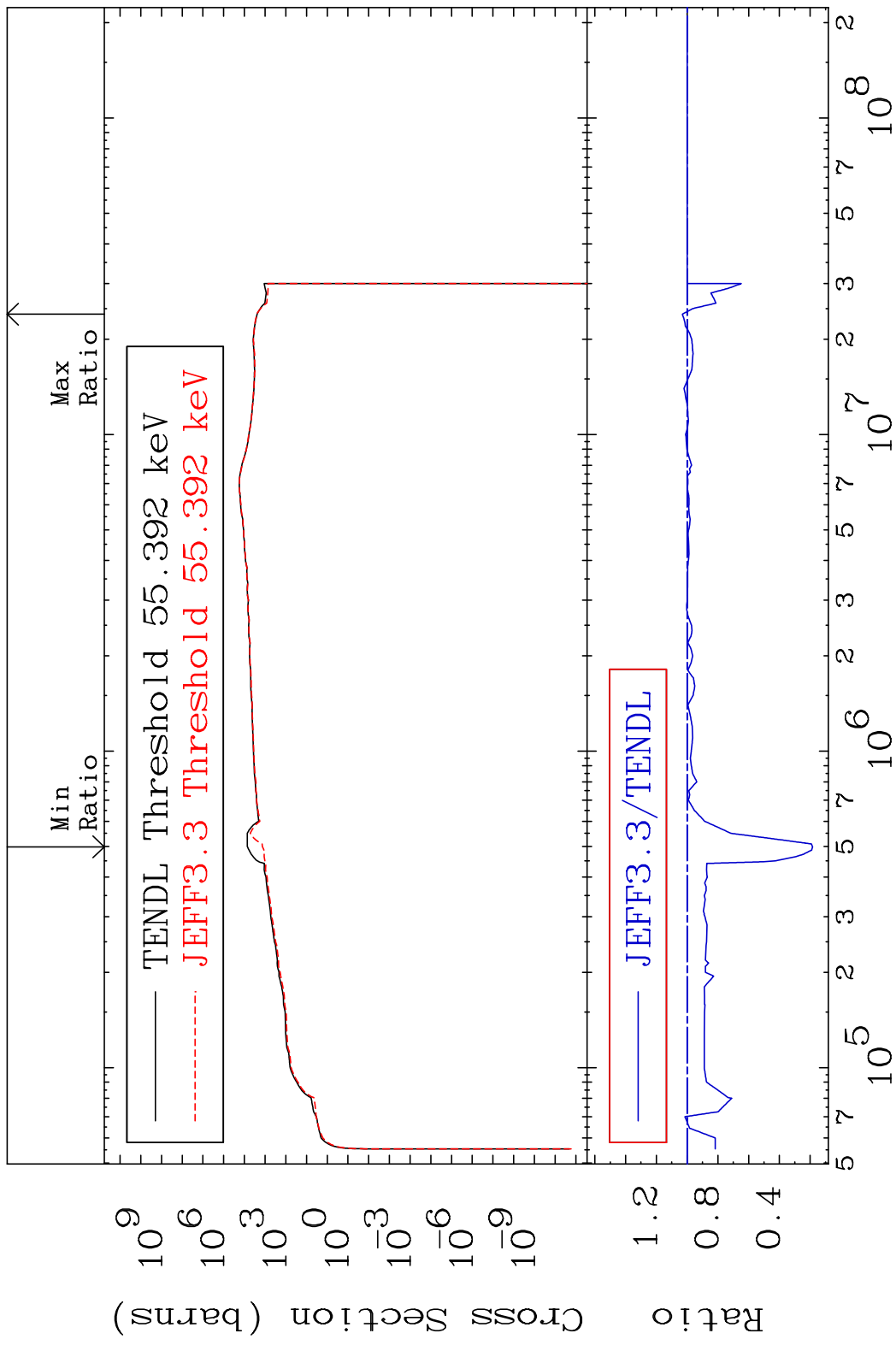
MAT 6522 (n,3n):65-Tb-156g 65-Tb-158  
 Radionuclide Production Cross Section 180.01 dth 21.02 %



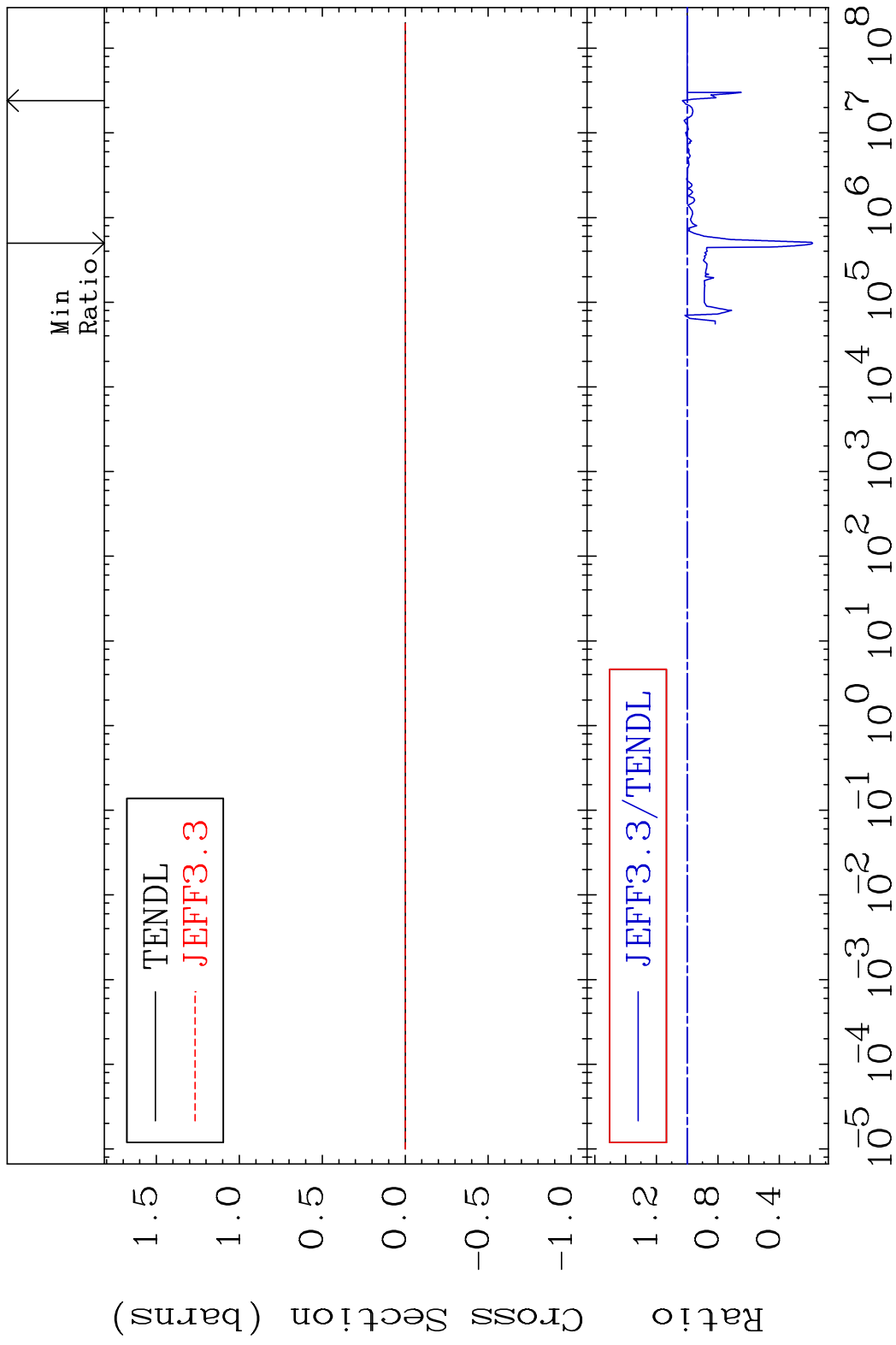




MAT 6522 Kerma inelastic (mt51-91) 65-Tb-158  
 Cross Section -81.56 To 3.104 %

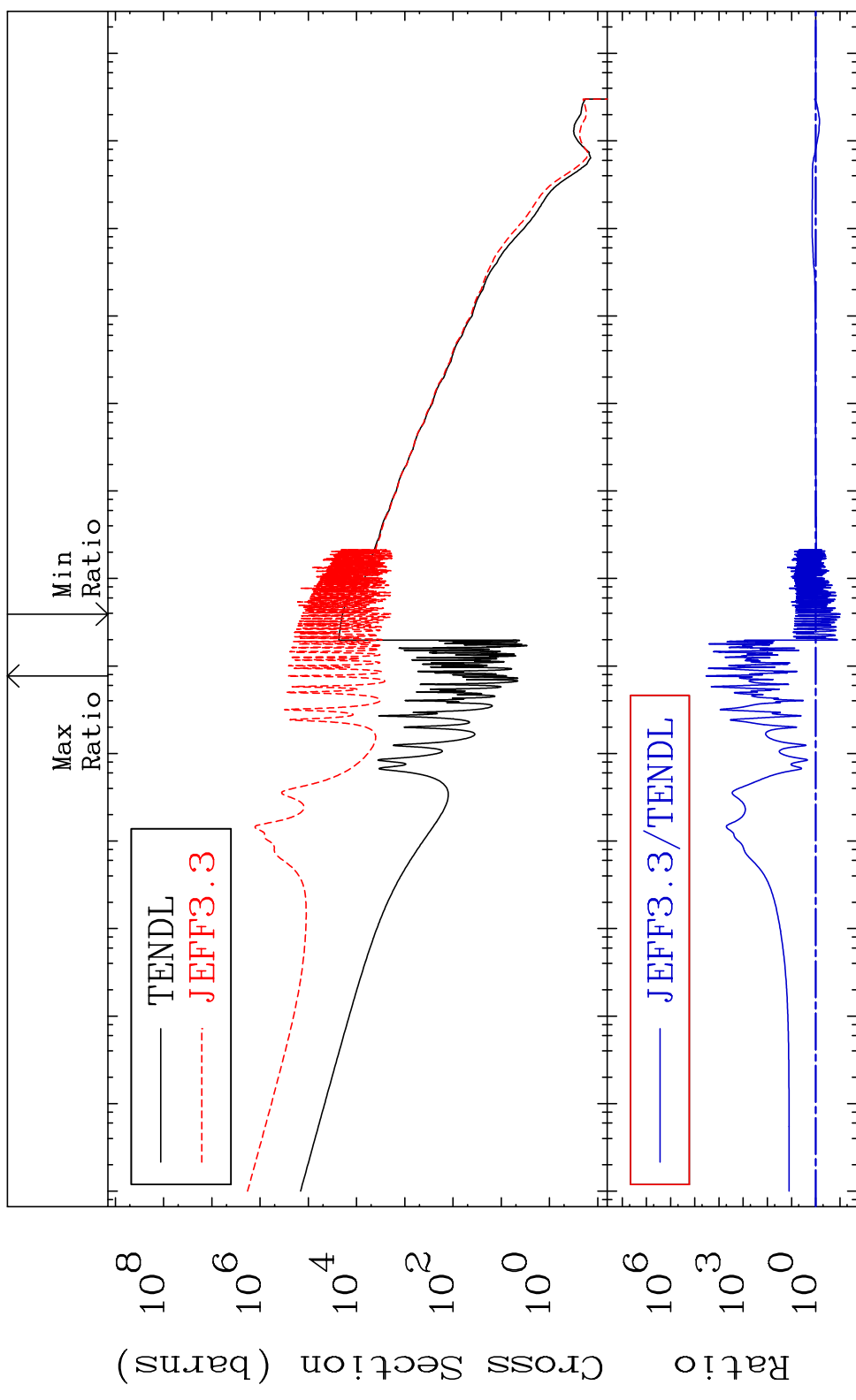


MAT 6522 Kerma fission (mt18 or mt19-20-21-38) 65-Tb-158  
 Cross Section -81.56 To 3.104 %



MAT 6522

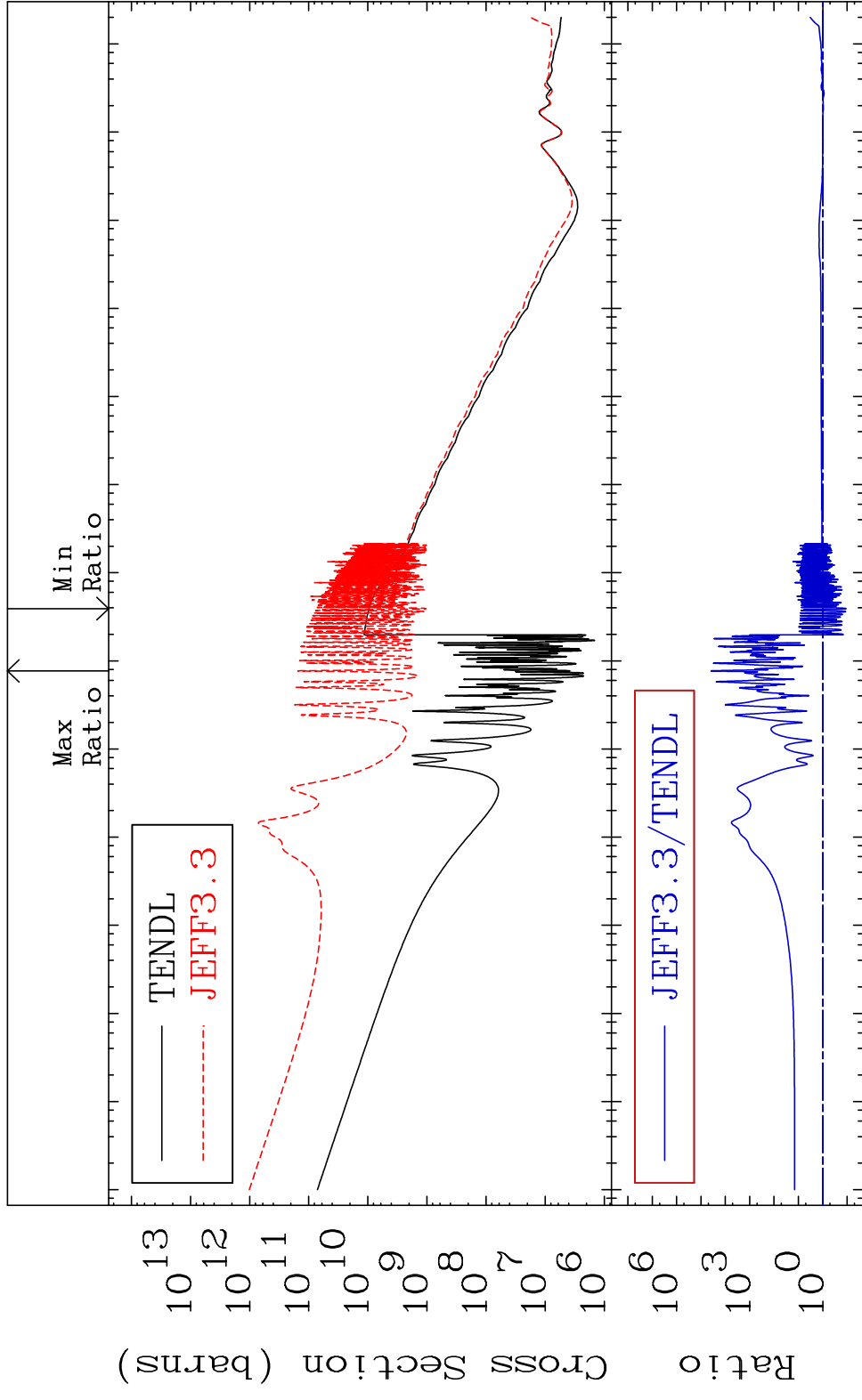
Kerma capture (mt102) 65-Tb-158  
Cross Section -90.47 To 9999. %



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Incident Energy (eV) 65-Tb-158

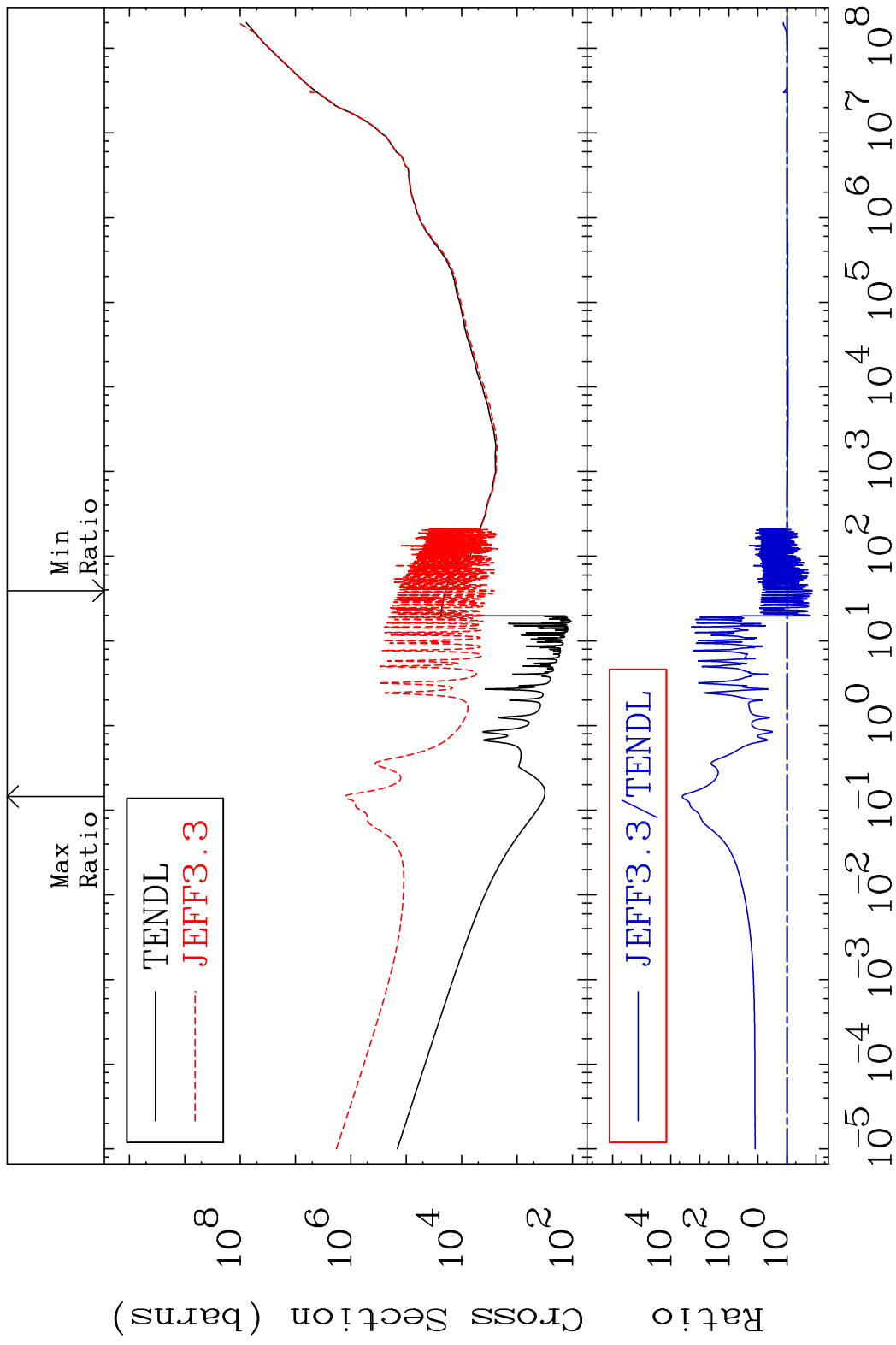
MAT 6522 Total photon (eV-barns) 65-Tb-158  
 Cross Section -89.22 To 9999. %



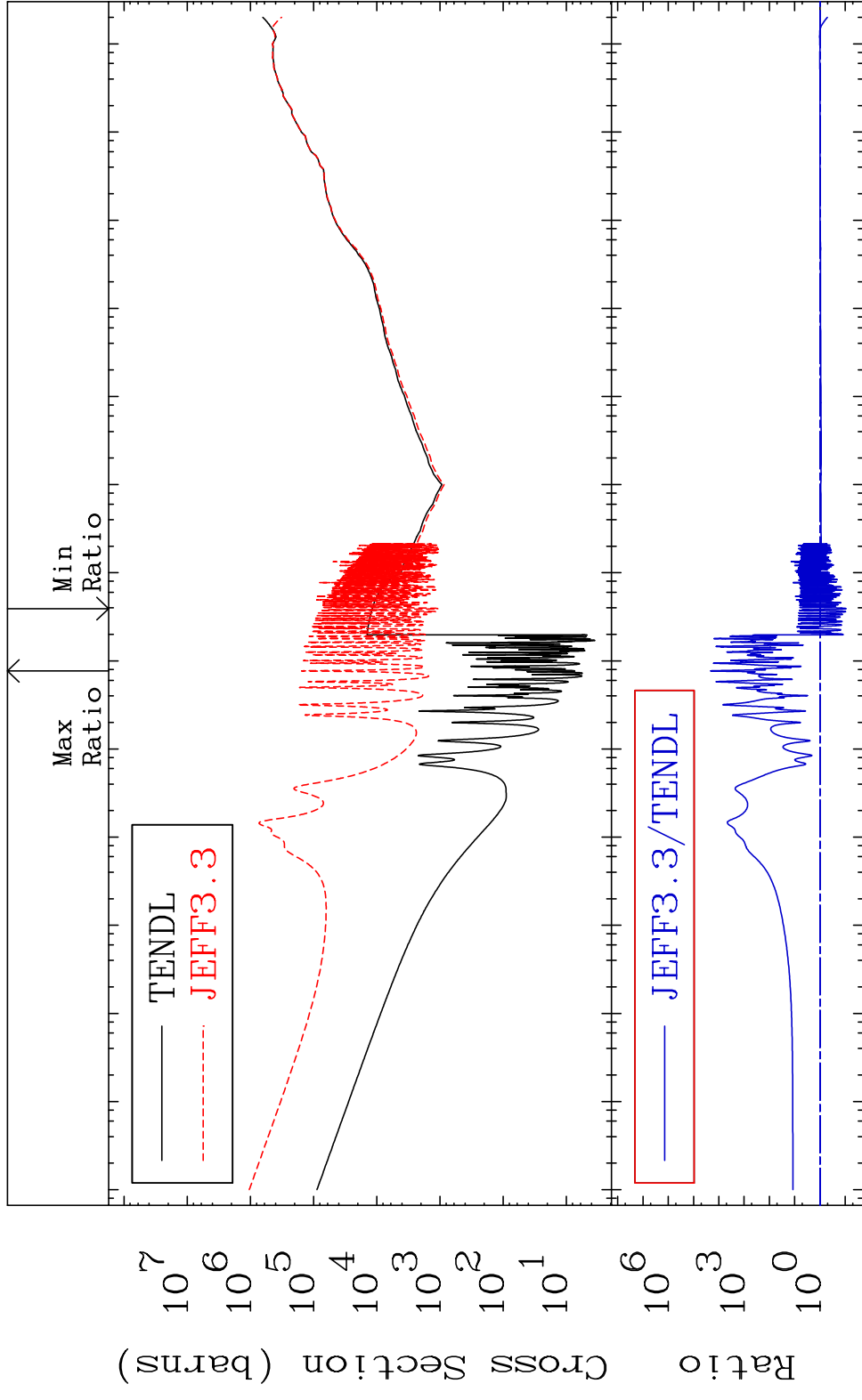
71 Incident Energy (eV) 65-Tb-158



MAT 6522 Total kinematic kerma (high limit) 65-Tb-158  
 Cross Section -86.81 To 9999. %



MAT 6522 Dpa total (eV-barns) 65-Tb-158  
 Cross Section -90.96 To 9999. %



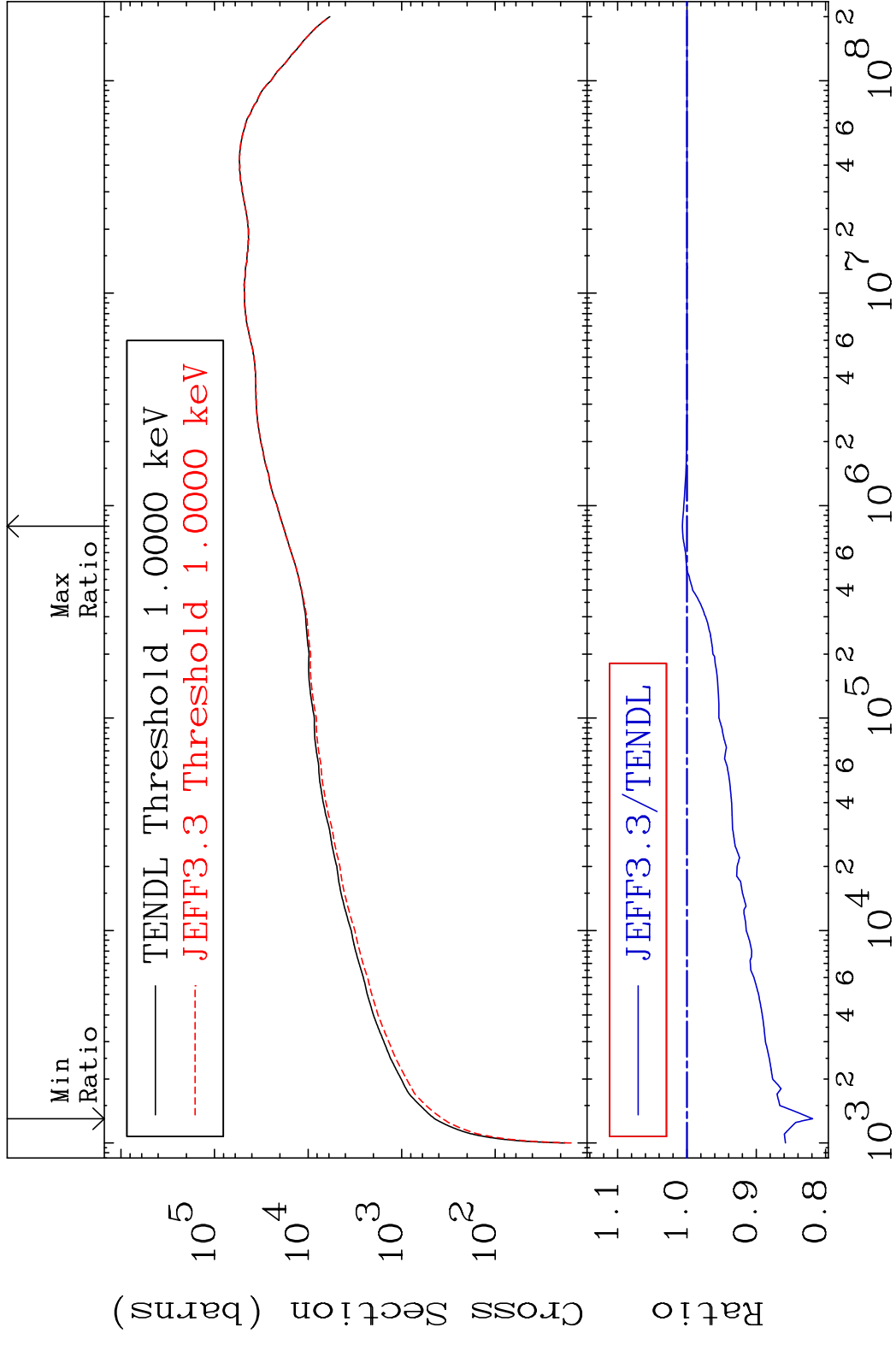
73 Incident Energy (eV) 65-Tb-158

MAT 6522

Dpa elastic (mt2)

65-Tb-158

Cross Section -18.10 To 0.666 %

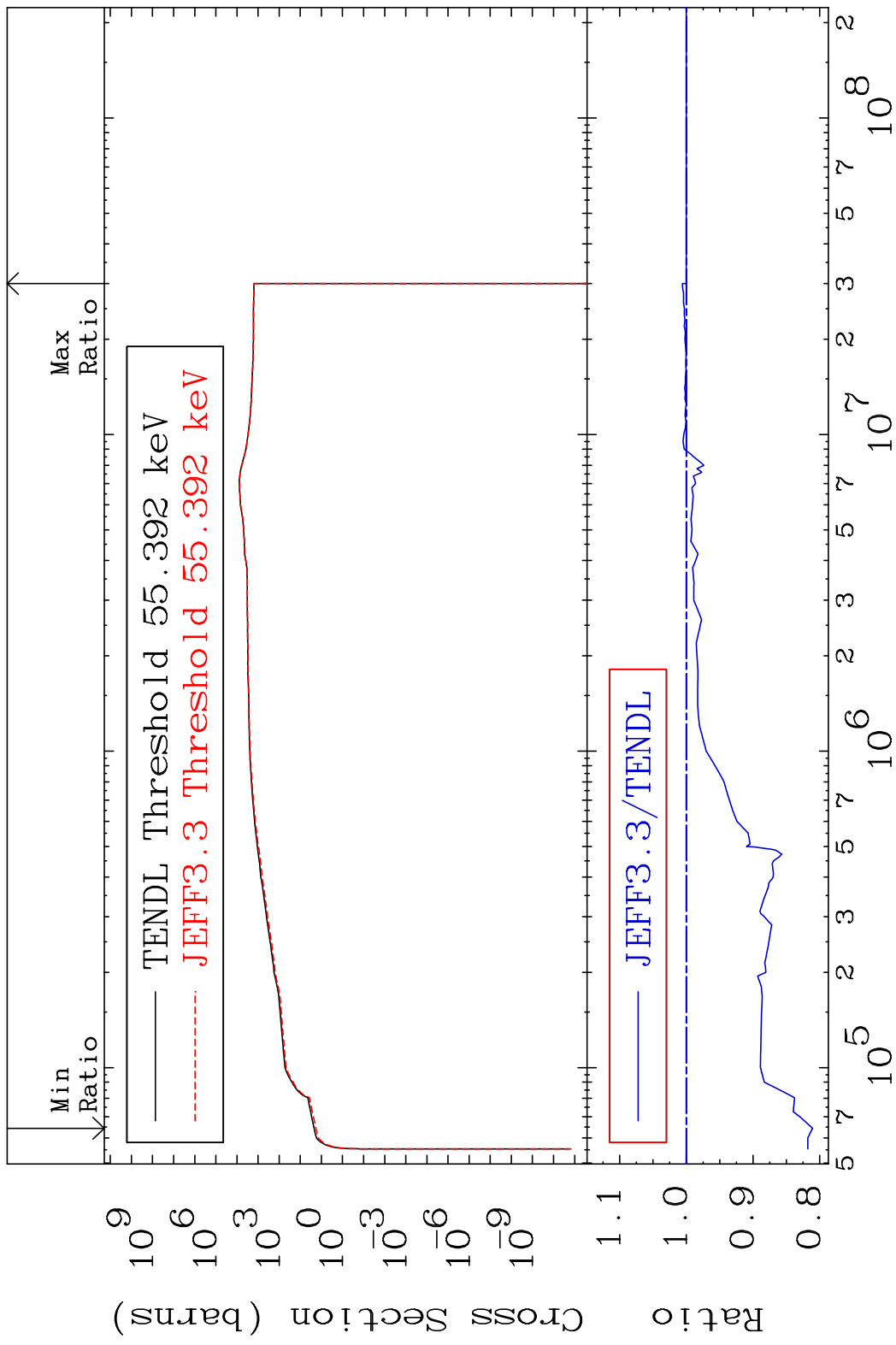


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Incident Energy (eV)

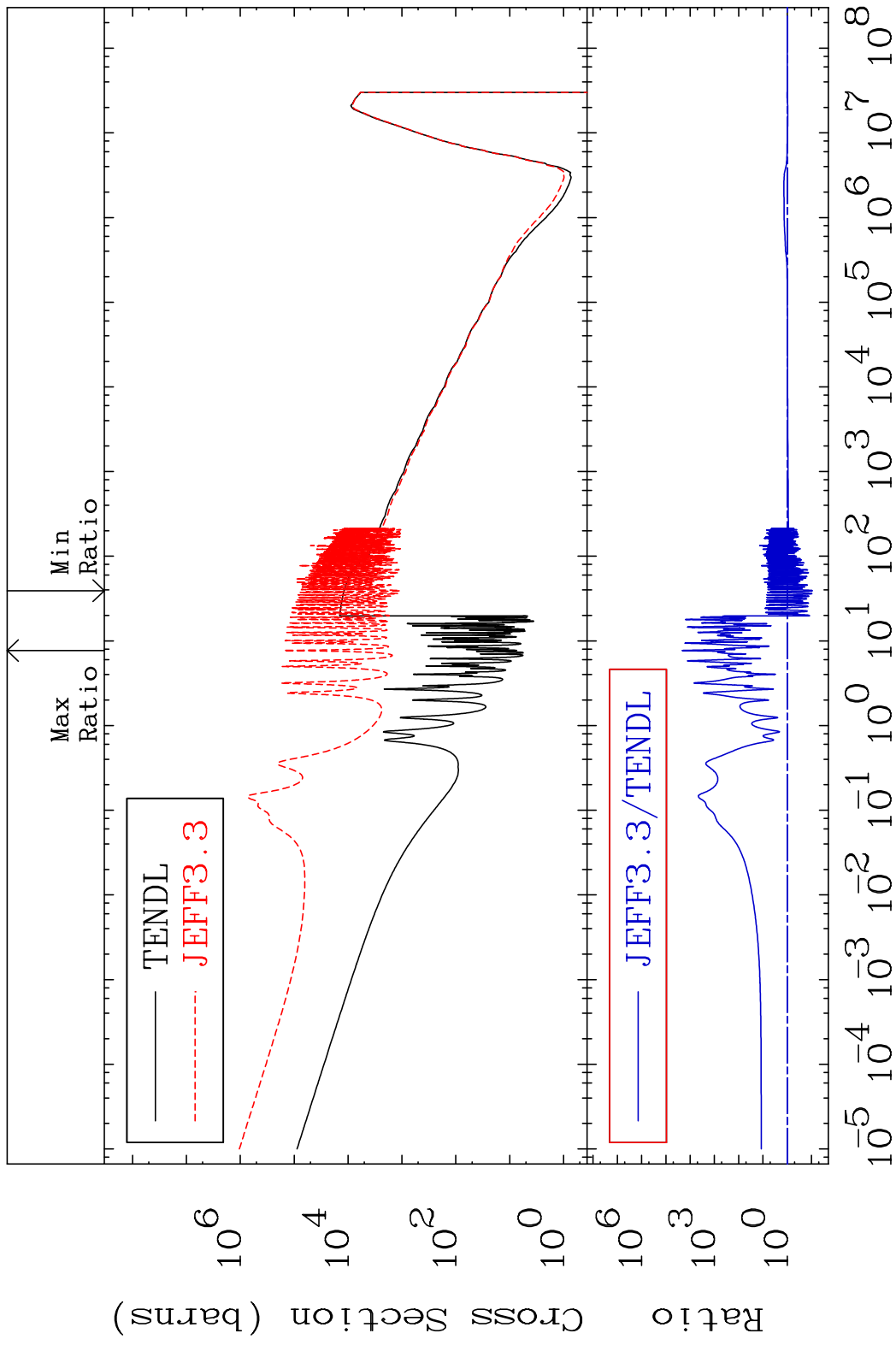
65-Tb-158

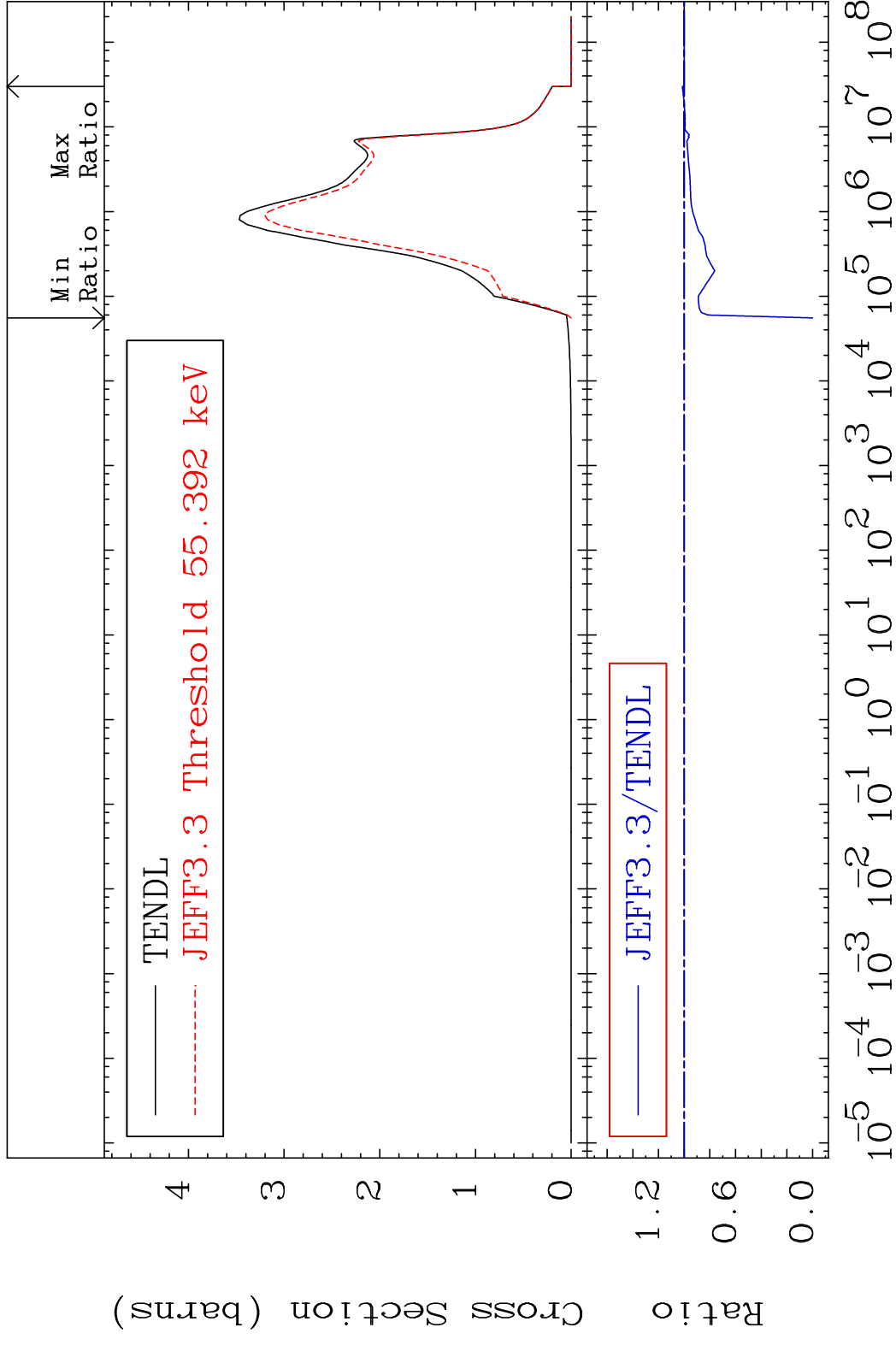
MAT 6522 Dpa inelastic (mt51-91) 65-Tb-158  
 Cross Section -18.92 To 0.602 %

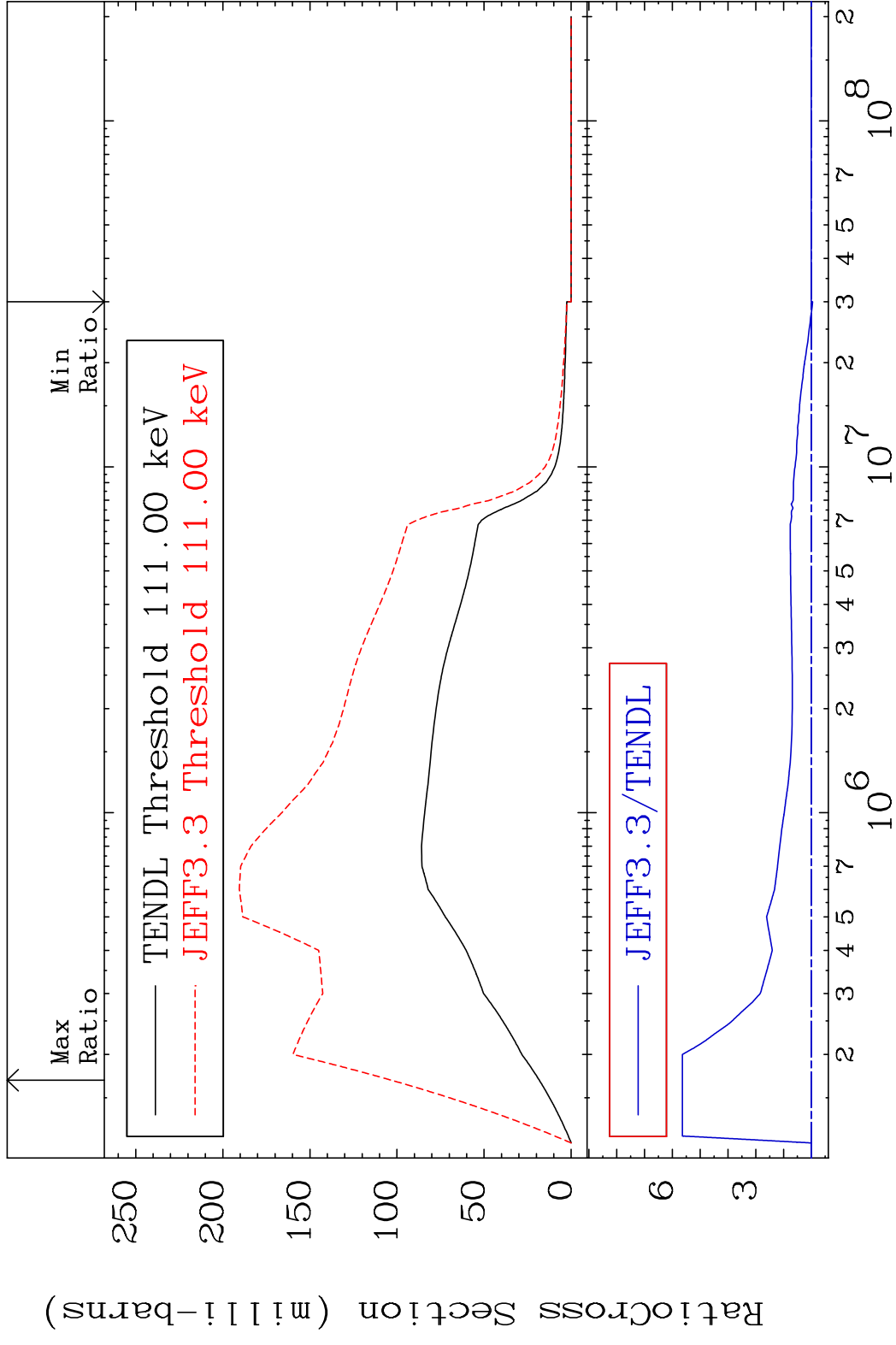


75 Incident Energy (eV) 65-Tb-158

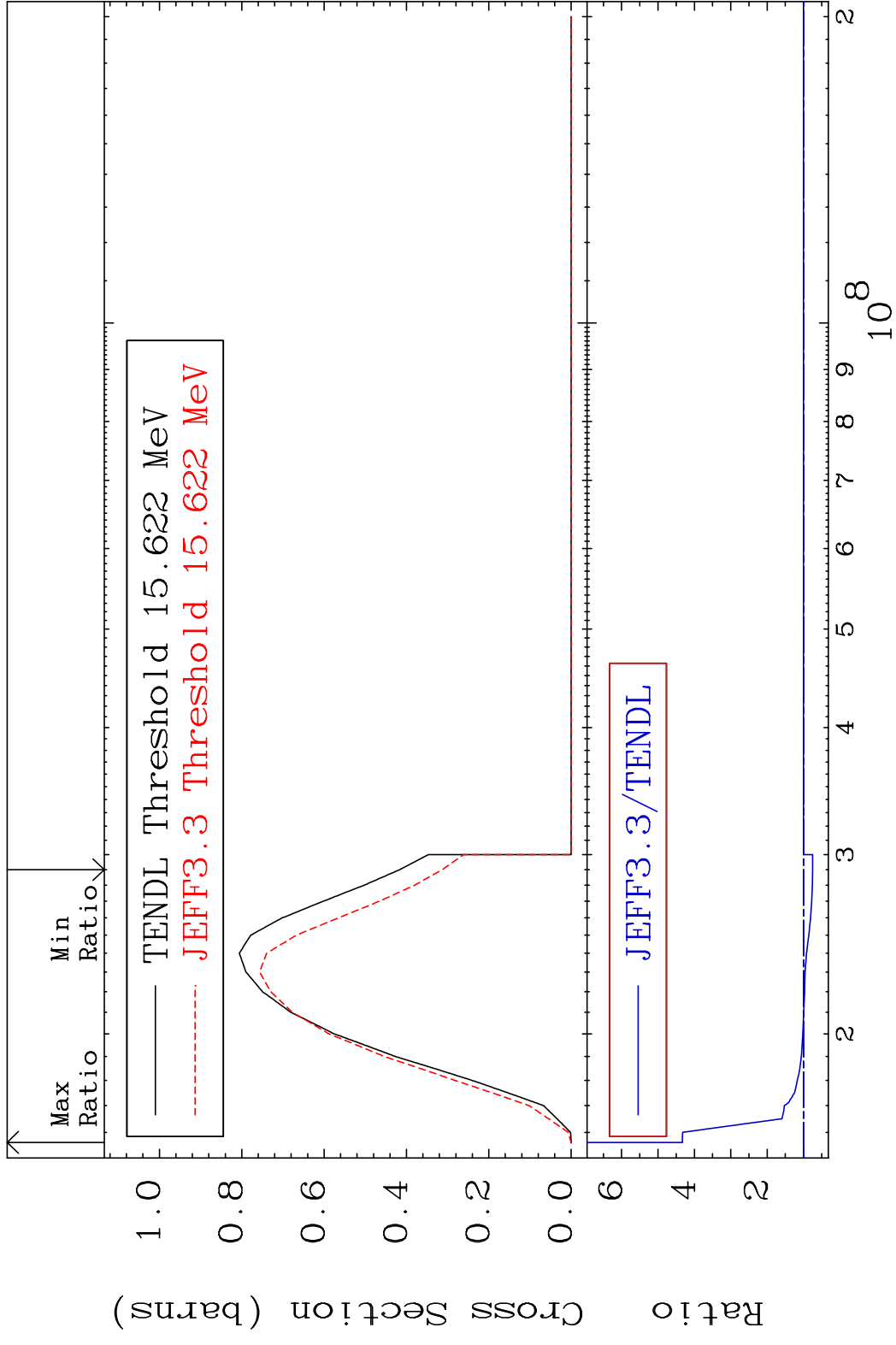
MAT 6522 Dpa disappearance (mt102 -120) 65-Tb-158  
 Cross Section -90.96 To 9999. %





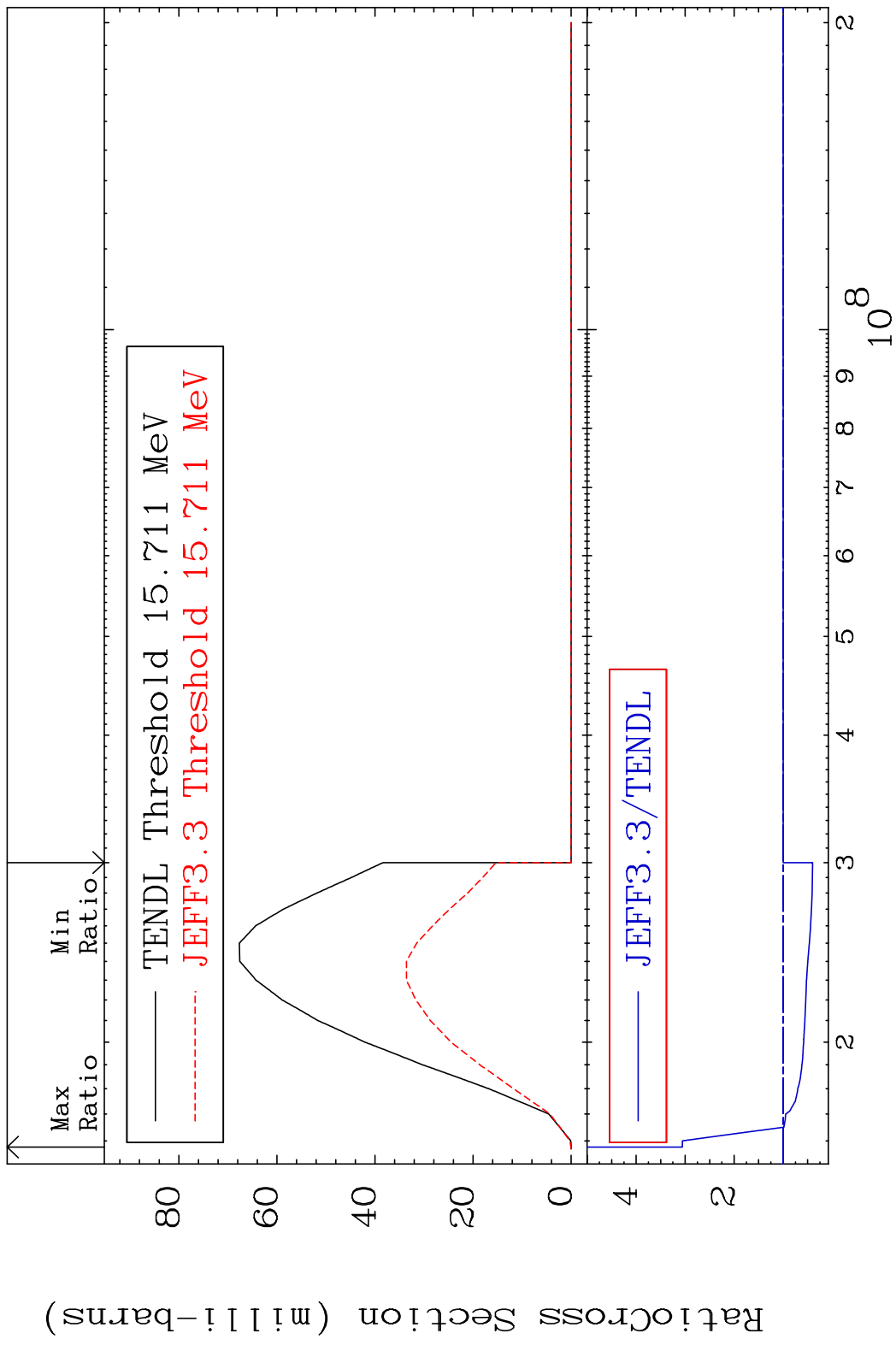


MAT 6522 (n,3n):65-Tb-156g 65-Tb-158  
 Radionuclide Production Cross Section 333.0 %





MAT 6522 (n, 3n):65-Tb-156m3 65-Tb-158  
 Radionuclide Production Cross Section 205.7 %



80 65-Tb-158

