

Program Complot  
(Version 2021-1)

by

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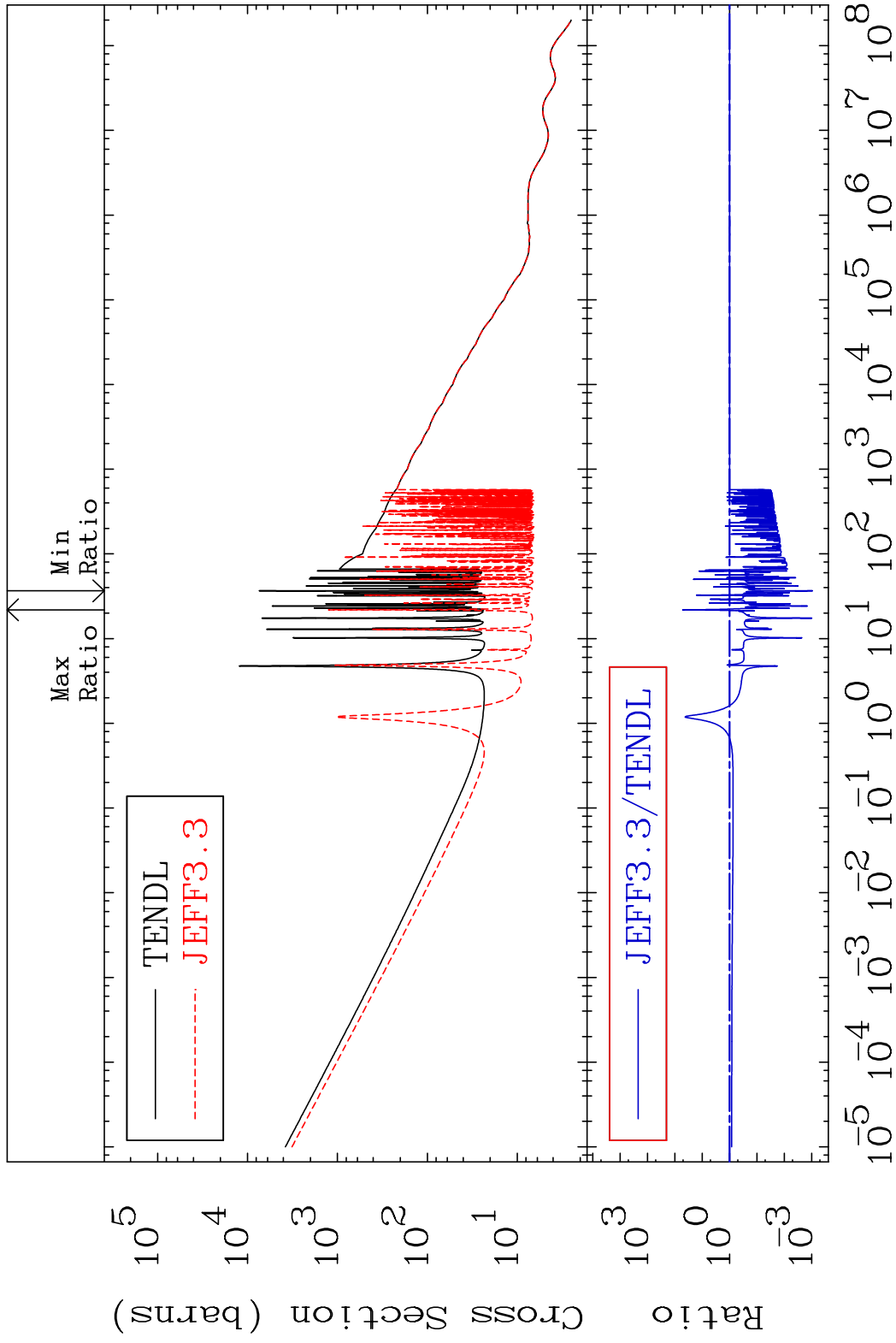
Press Mouse Button to Start

MAT 6719

Total

67-Ho-163

Cross Section -99.91 To 5259. %



1

Incident Energy (eV)

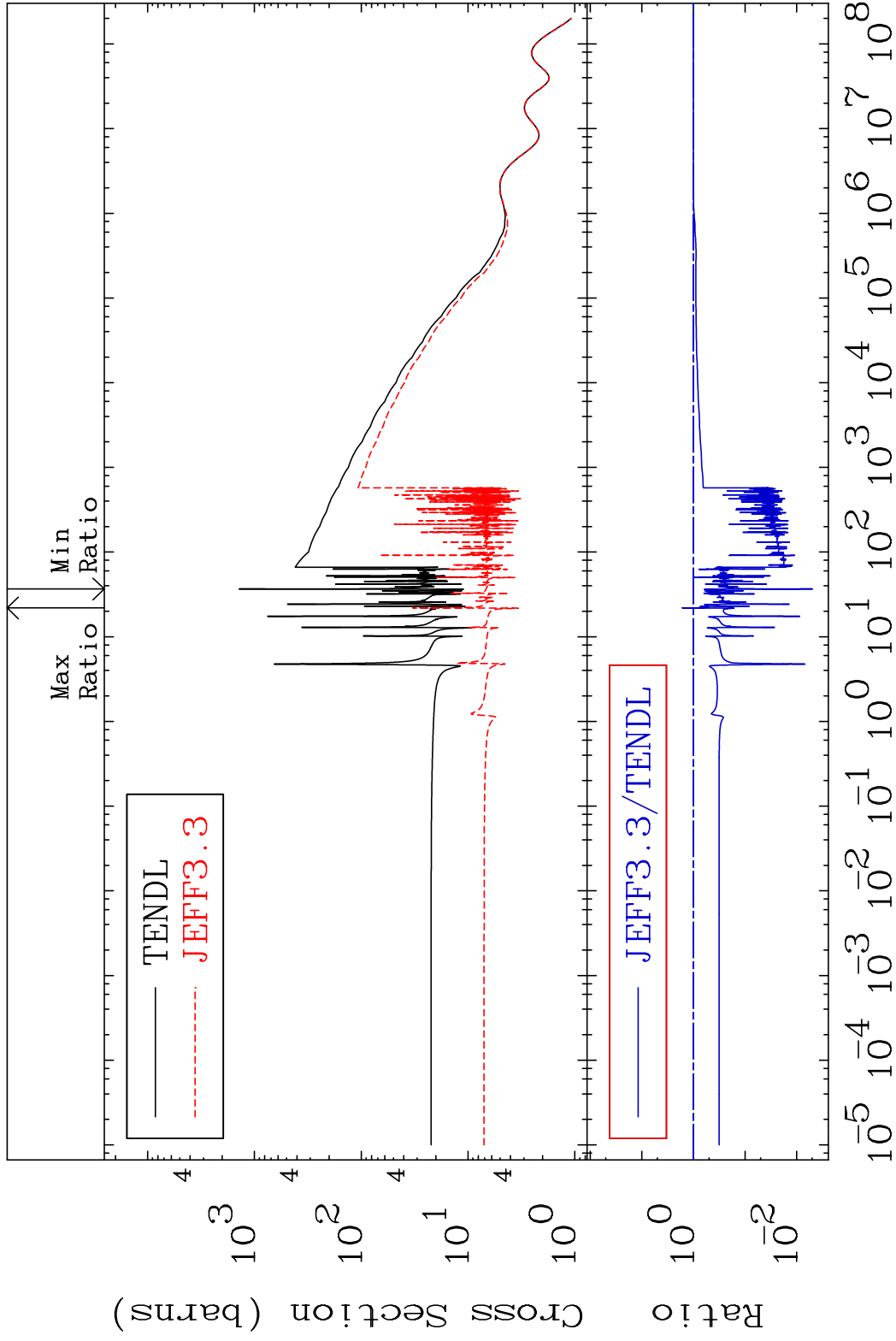
67-Ho-163

MAT 6719

Elastic

67-Ho-163

Cross Section -99.51 To 64.09 %



2

Incident Energy (eV)

67-Ho-163

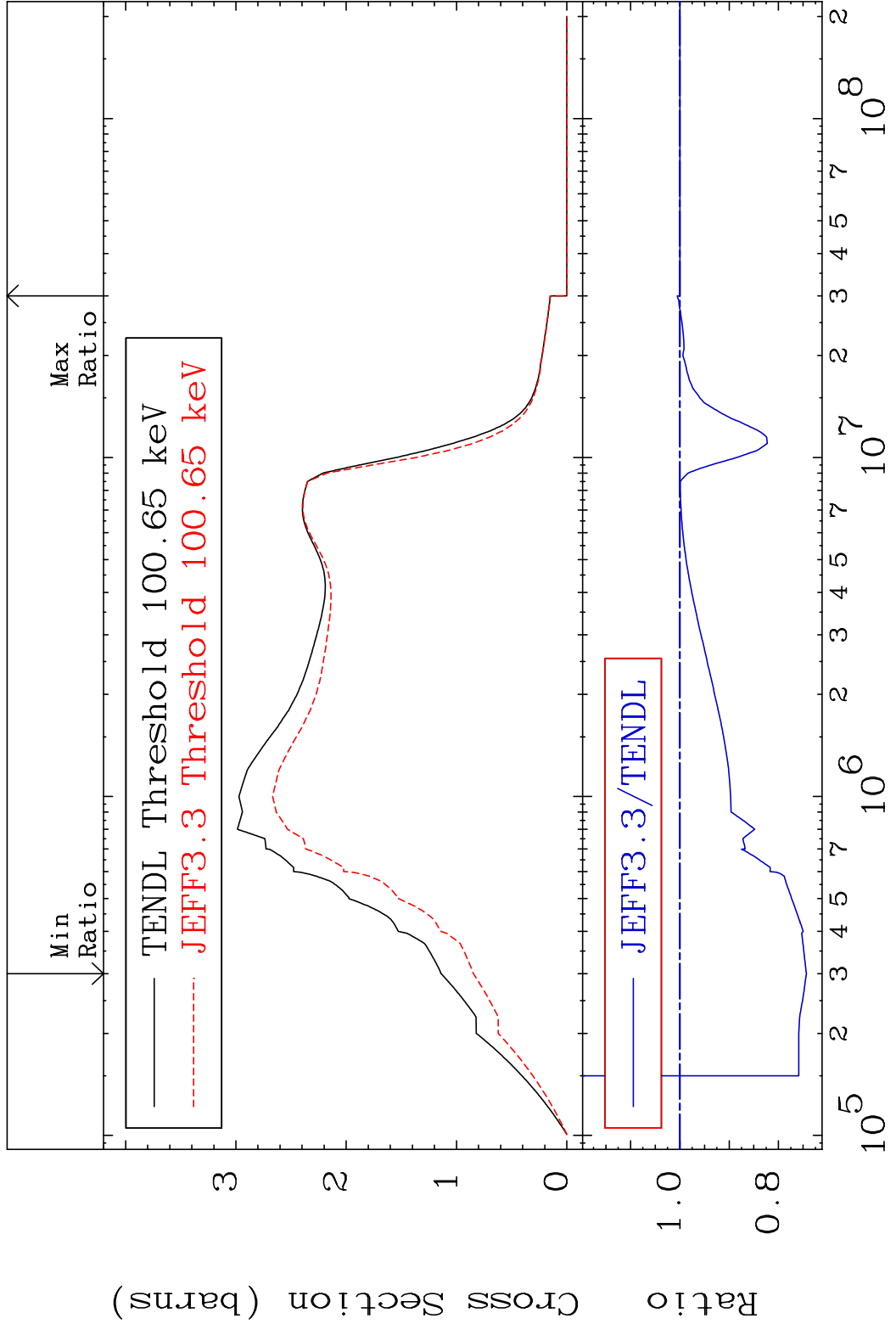
MAT 6719

Inelastic

67-Ho-163

Cross Section

-25.66 To 0.545 %



3

Incident Energy (eV)

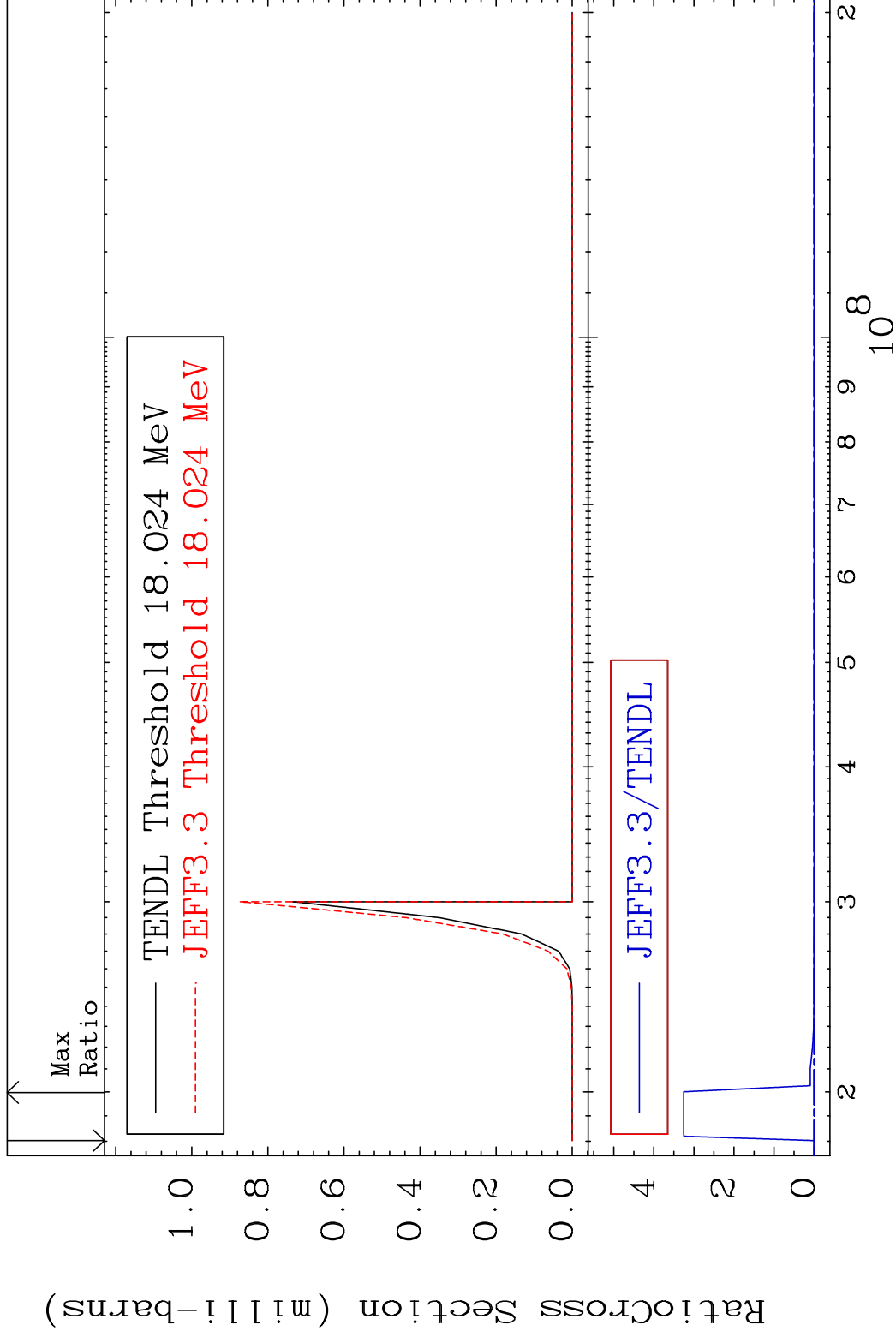
67-Ho-163

MAT 6719

(n,2n) d

67-Ho-163

Cross Section -100.0 To 9999. %



4

Incident Energy (eV)

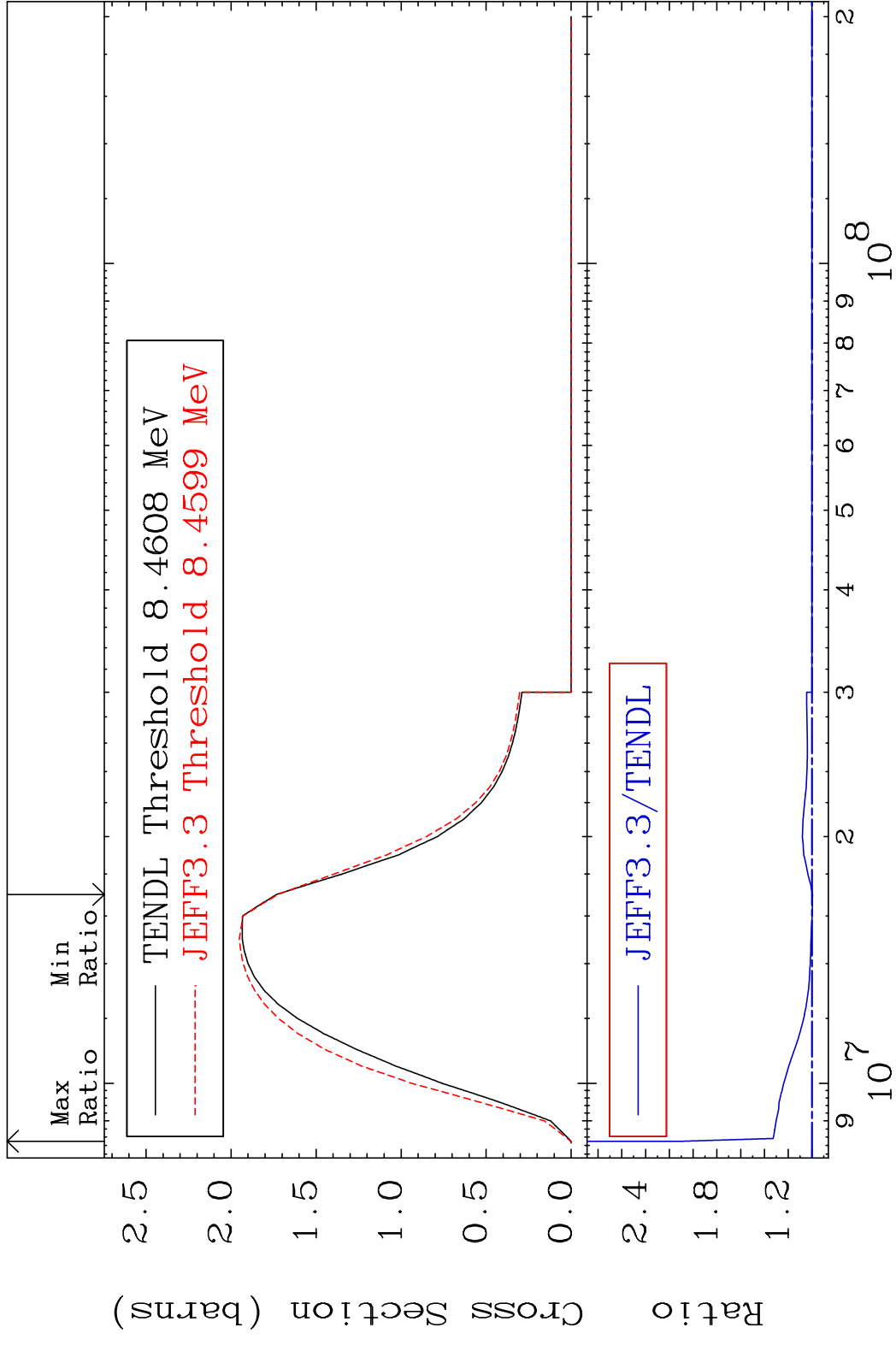
67-Ho-163

MAT 6719

(n,2n)

67-Ho-163

Cross Section -0.475 To 109.1 %



5

Incident Energy (eV)

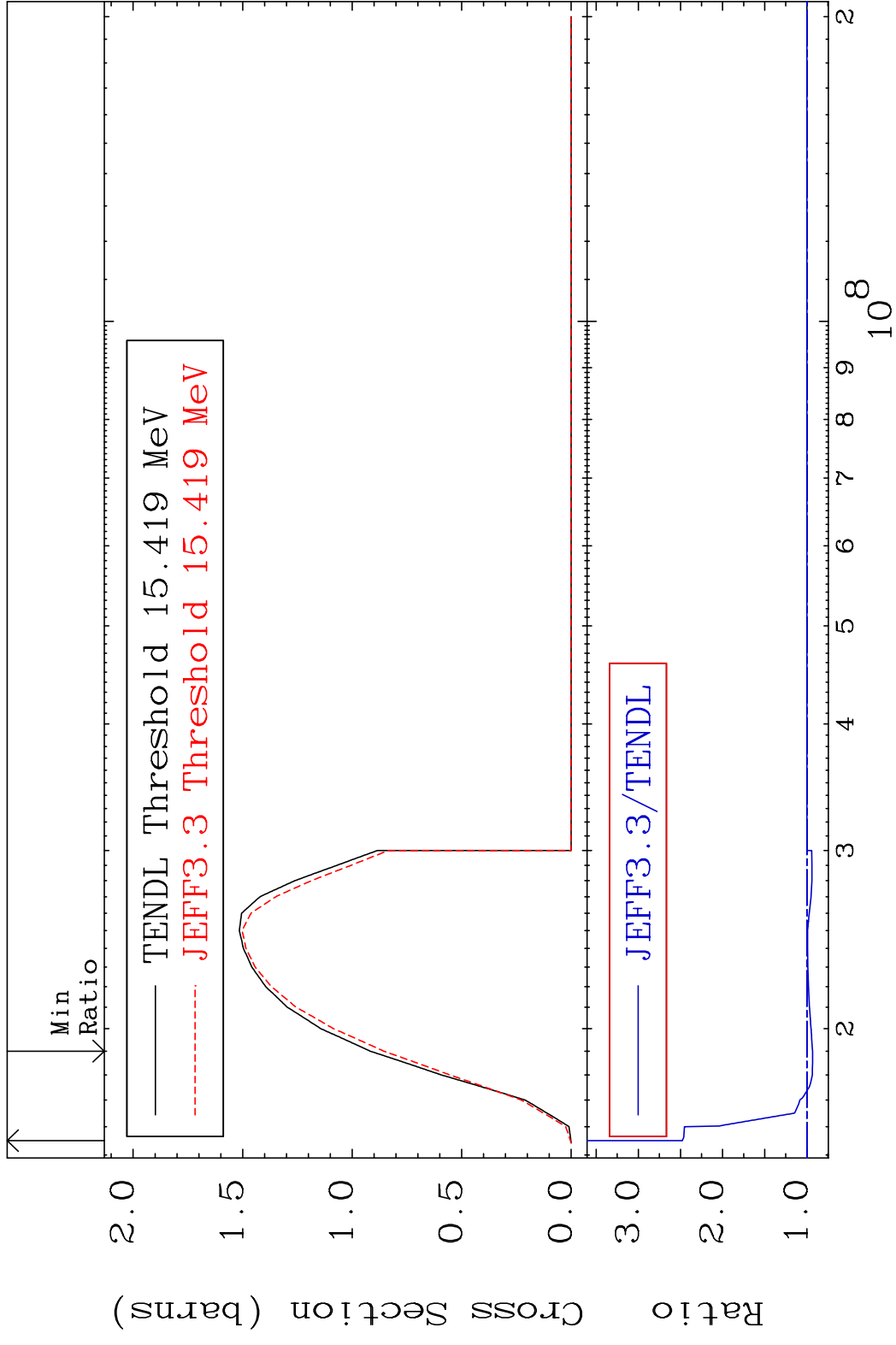
67-Ho-163

MAT 6719

(n,3n)

67-Ho-163

Cross Section -6.767 To 147.8 %

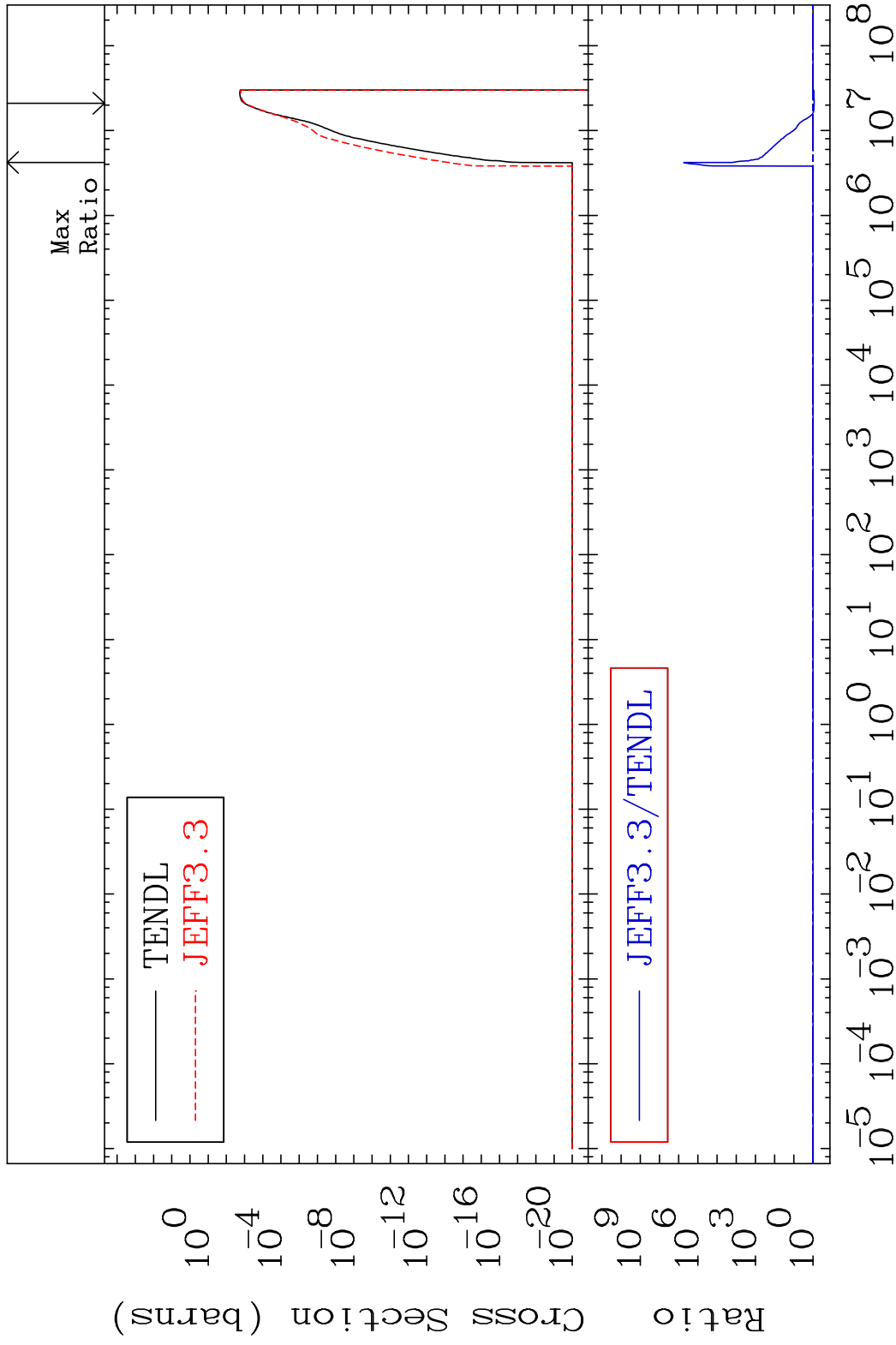


MAT 6719

(n, n')  $\alpha$

67-Ho-163

Cross Section -13.08 To 9999. %



7

Incident Energy (eV)

67-Ho-163

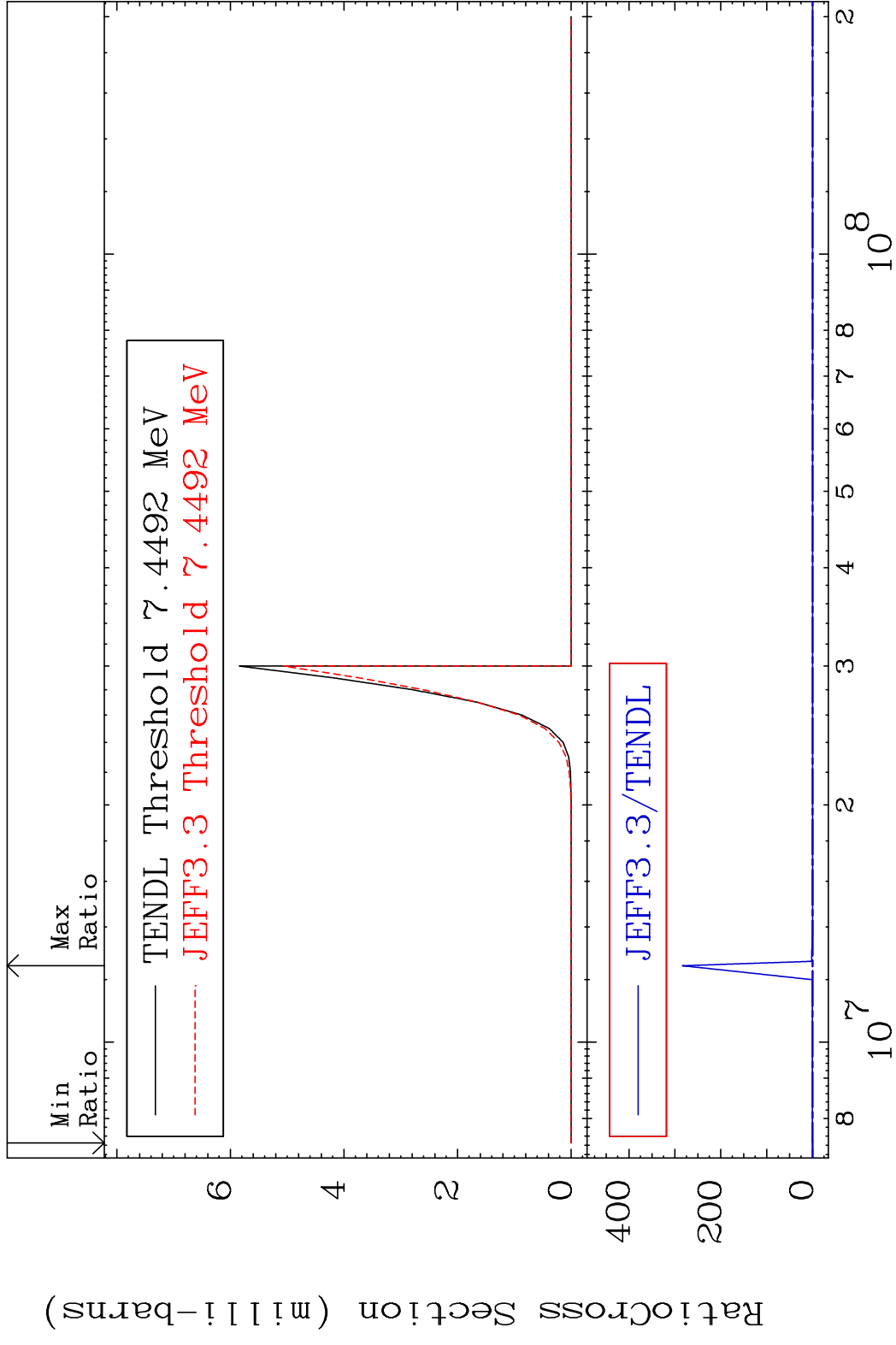


MAT 6719

67-Ho-163

(n,2n)  $\alpha$

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

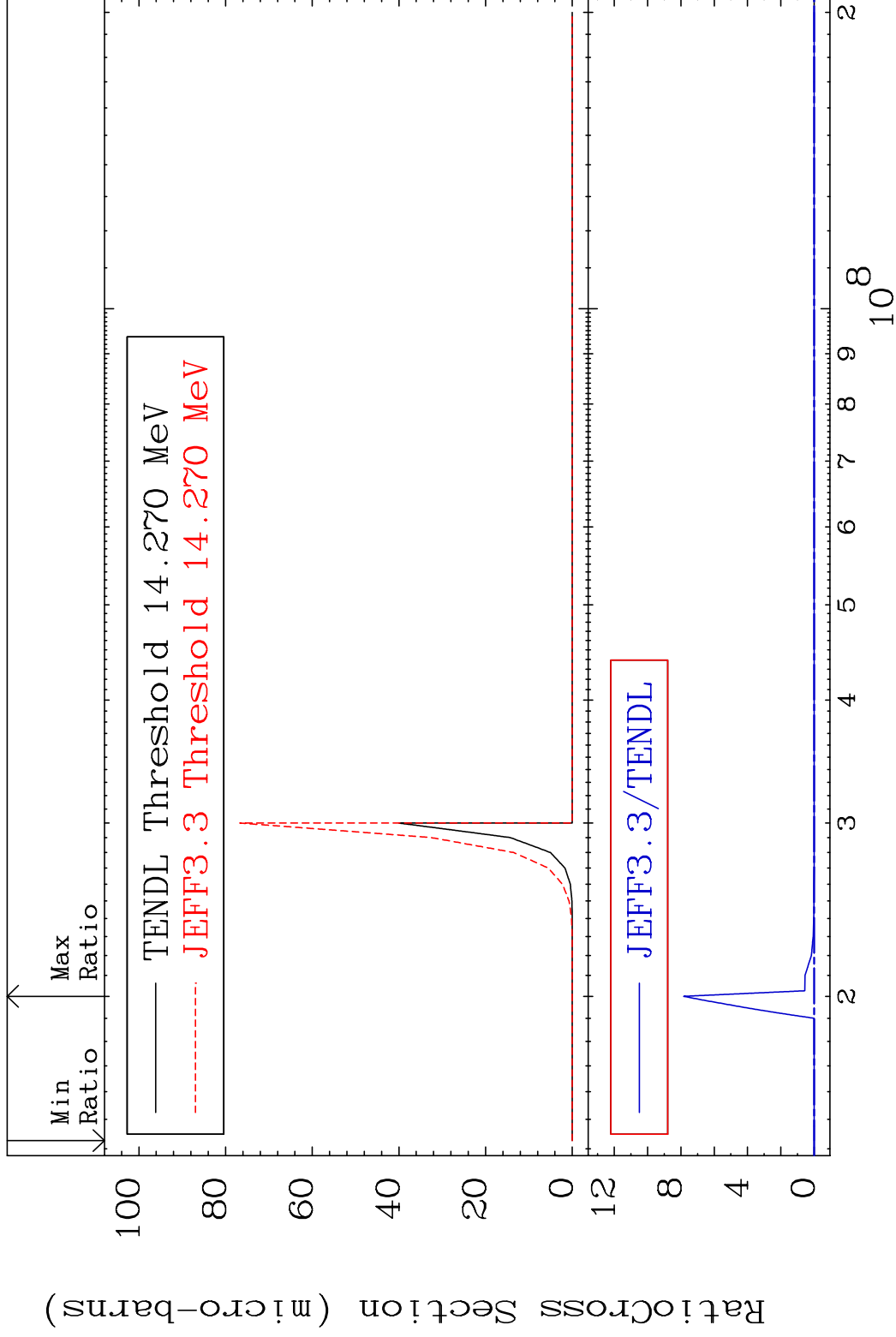
67-Ho-163

MAT 6719

(n,3n)  $\alpha$

67-Ho-163

Cross Section -100.0 To 9999. %

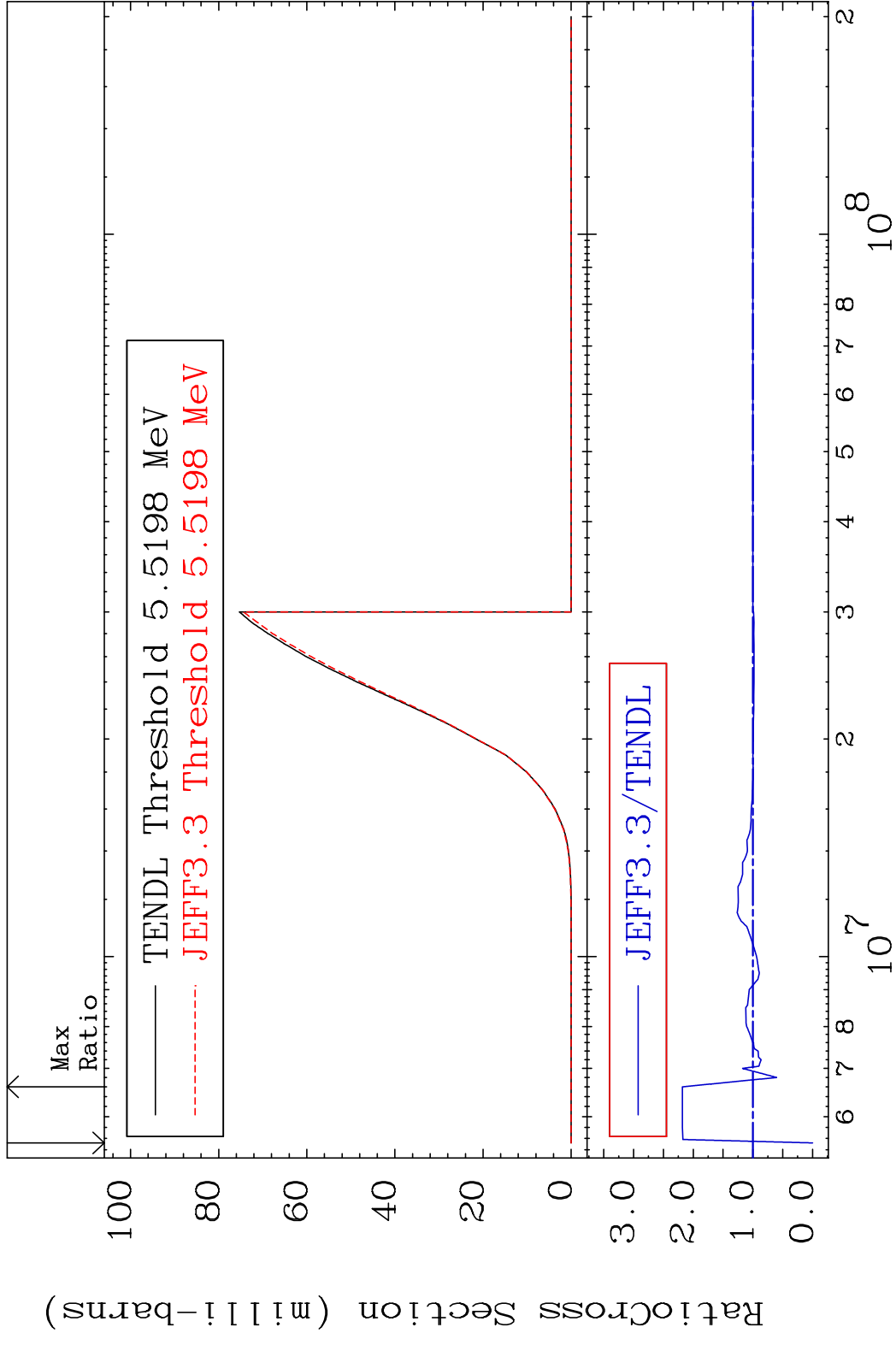


9

Incident Energy (eV)

67-Ho-163

MAT 6719 (n, n') p 67-Ho-163  
Cross Section -100.0 To 118.2 %



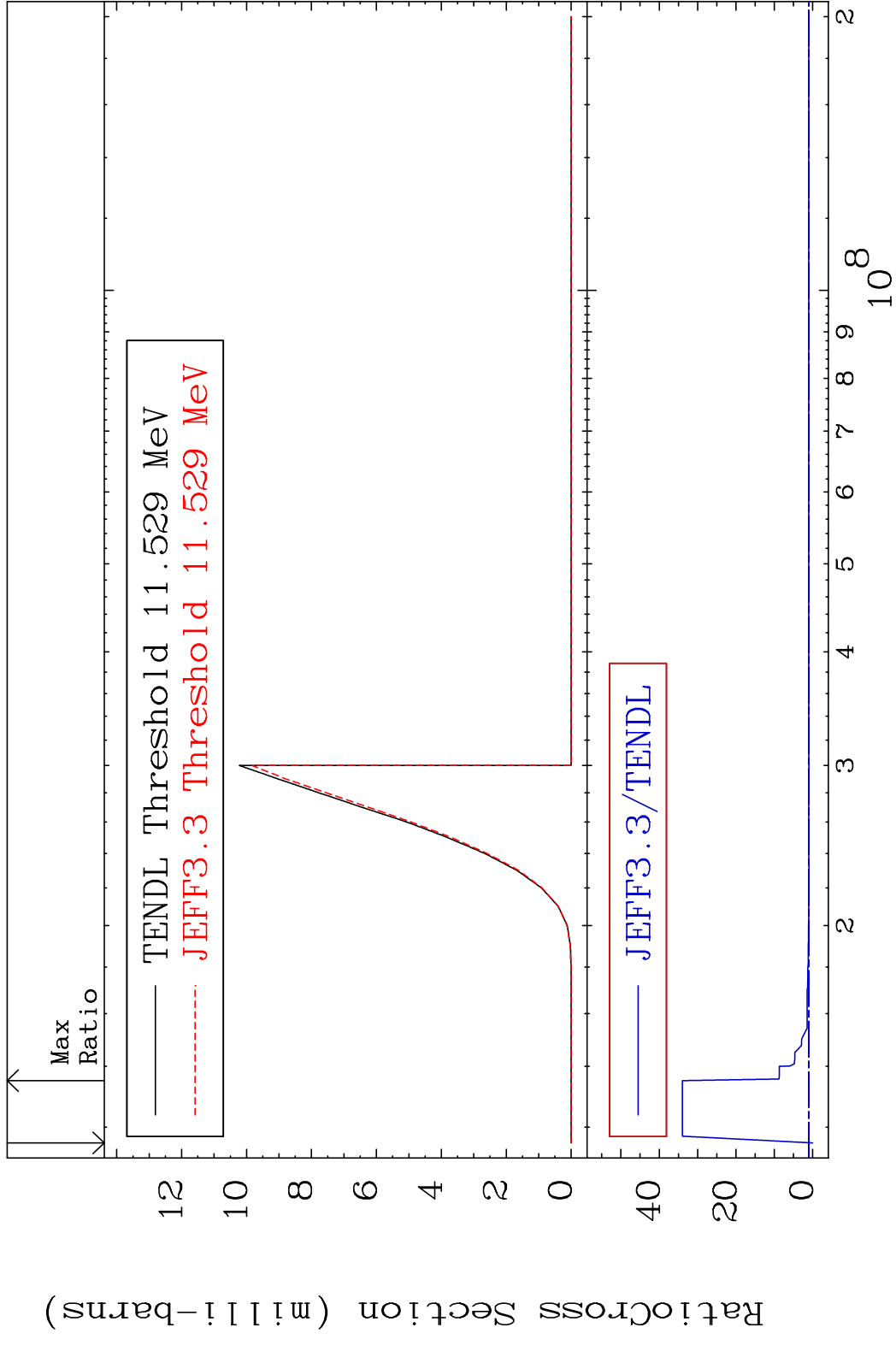
10 Incident Energy (eV) 67-Ho-163

MAT 6719

(n, n') d

67-Ho-163

Cross Section -100.0 To 3297. %

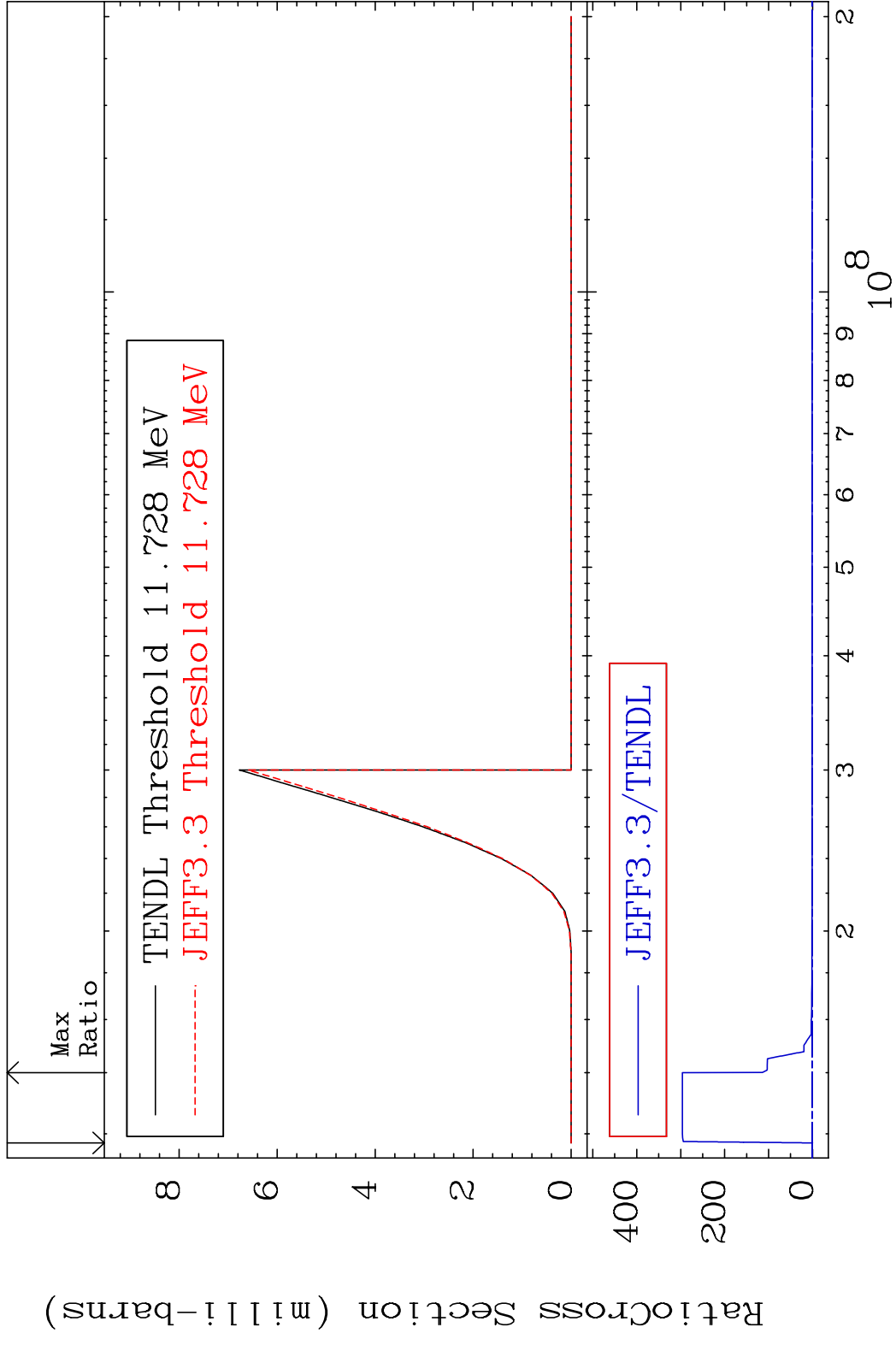


MAT 6719

(n, n') t

67-Ho-163

Cross Section -100.0 To 9999. %

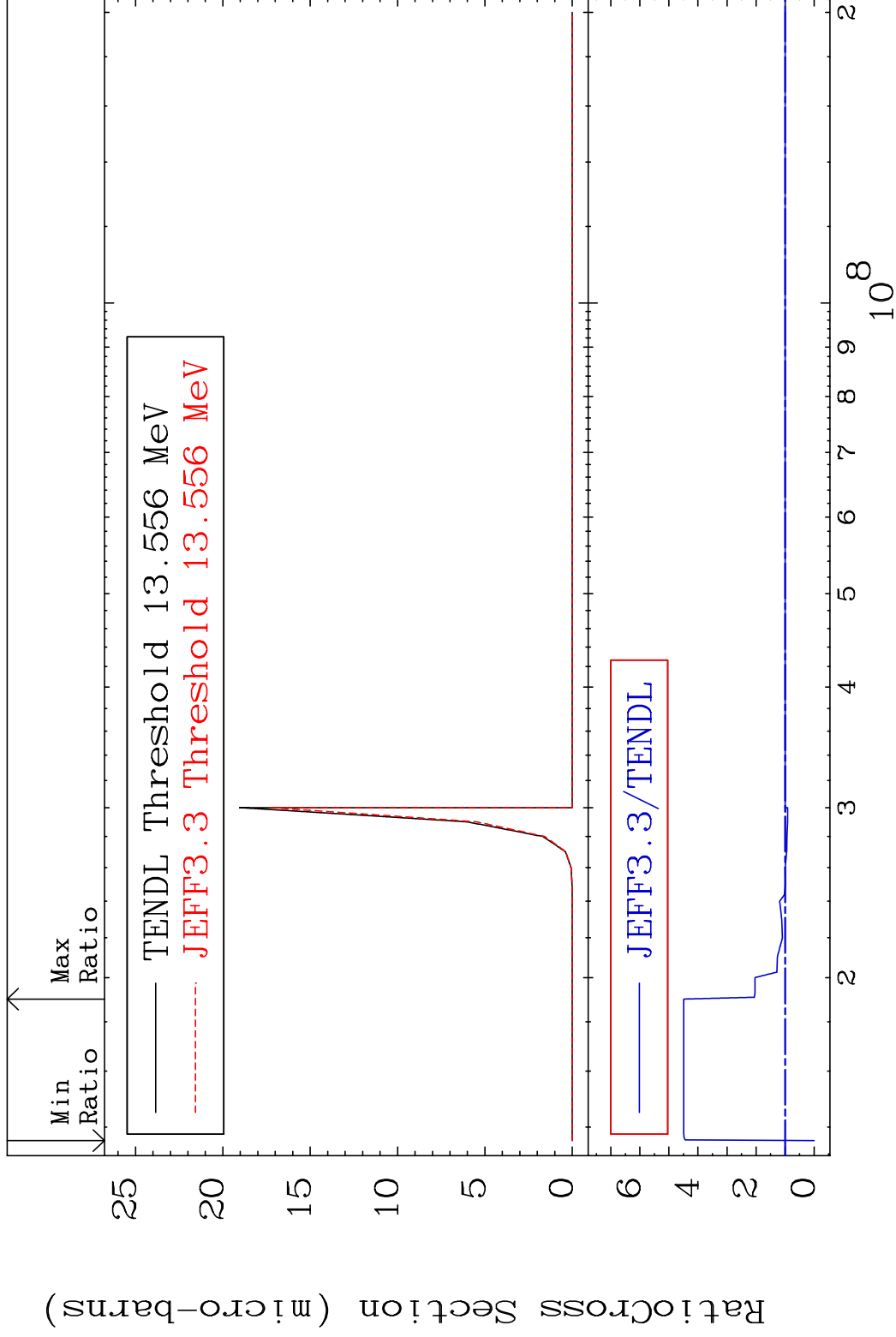


MAT 6719

(n,n') He-3

67-Ho-163

Cross Section -100.0 To 349.3 %



13

Incident Energy (eV)

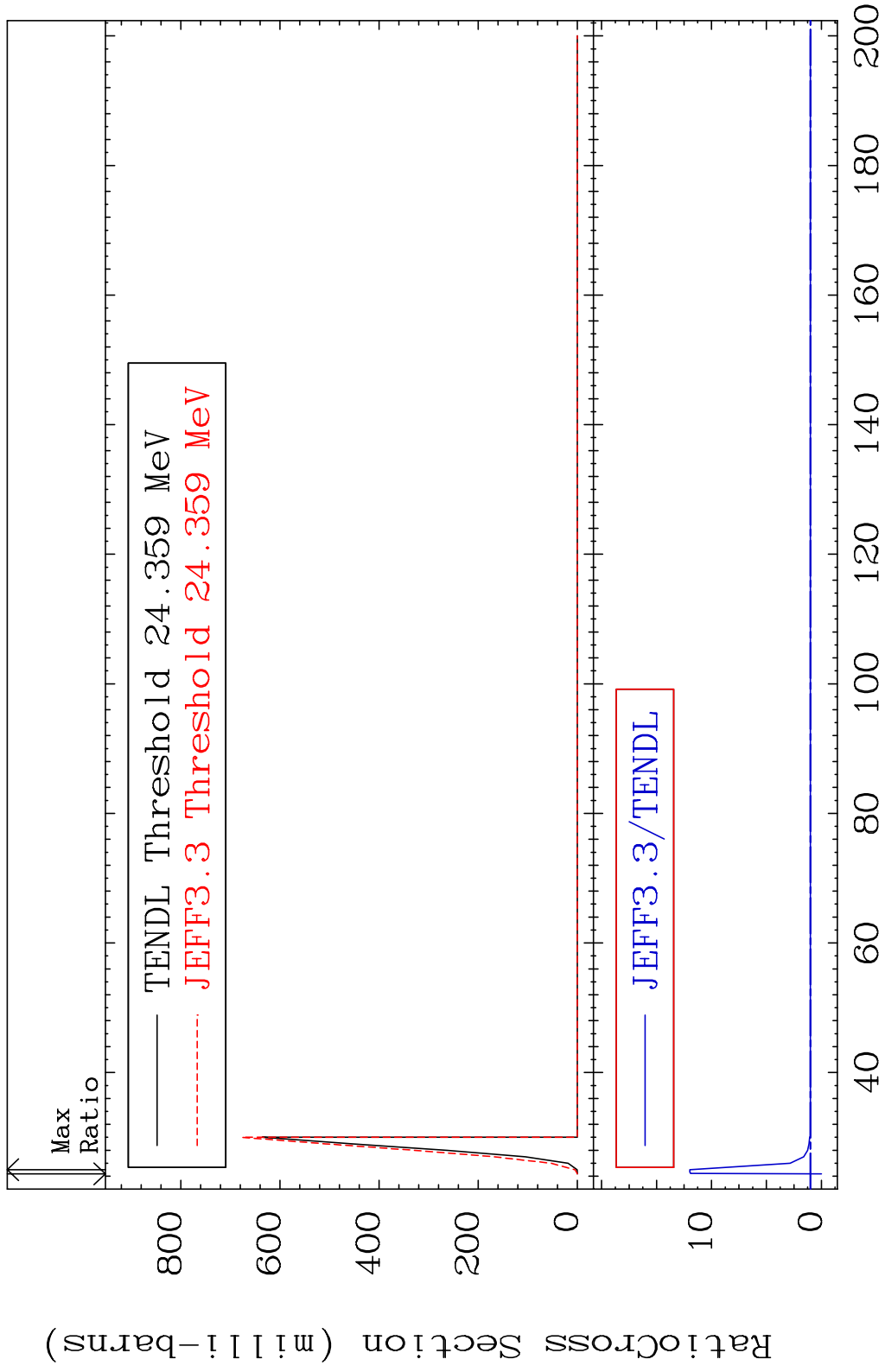
67-Ho-163

MAT 6719

(n,4n)

67-Ho-163

Cross Section -100.0 To 1098. %



14

Incident Energy (MeV)

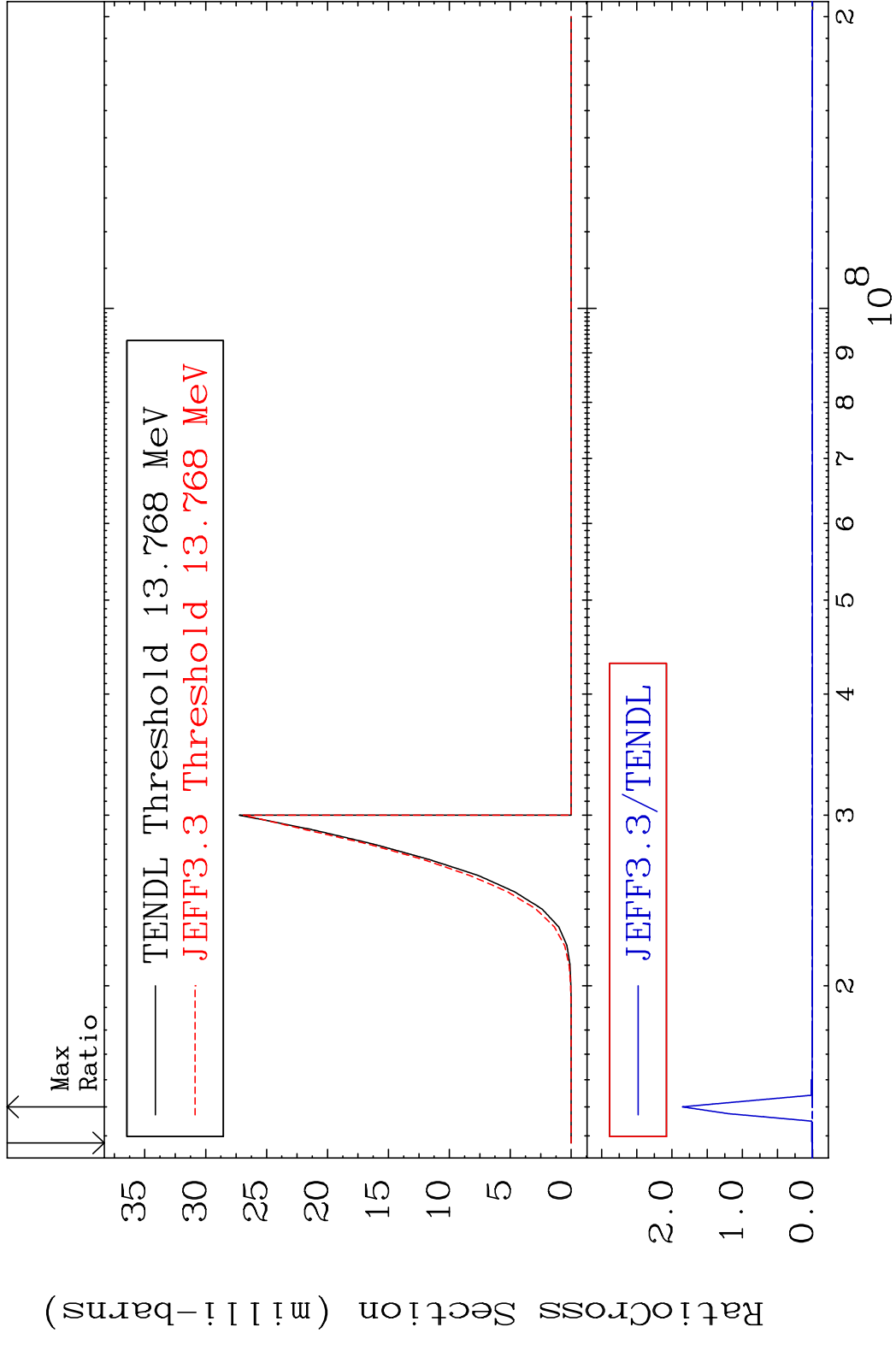
67-Ho-163

MAT 6719

(n,2n) p

67-Ho-163

Cross Section -100.0 To 9999. %



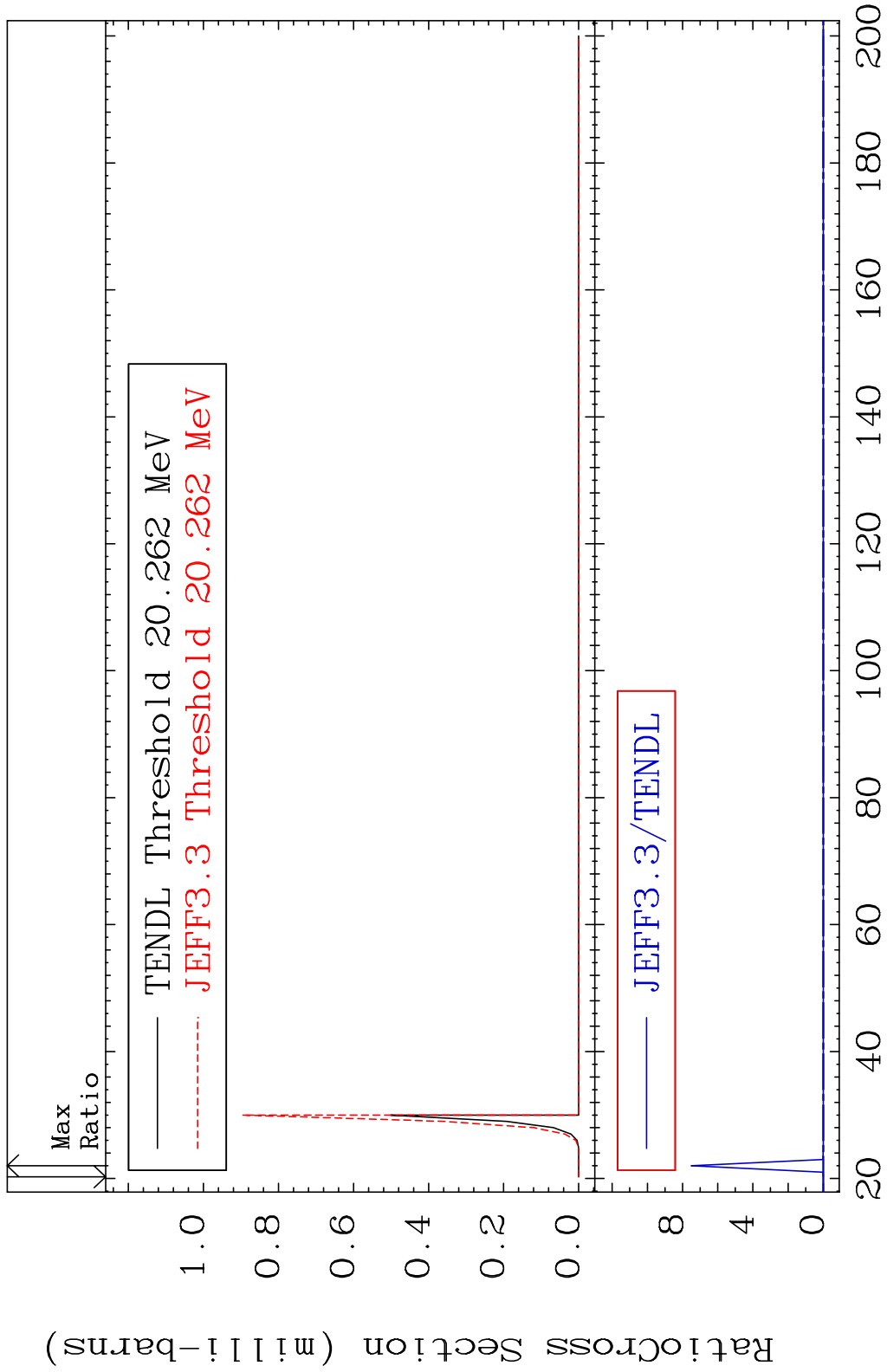


MAT 6719

(n,3n) p

67-Ho-163

Cross Section -100.0 To 9999. %

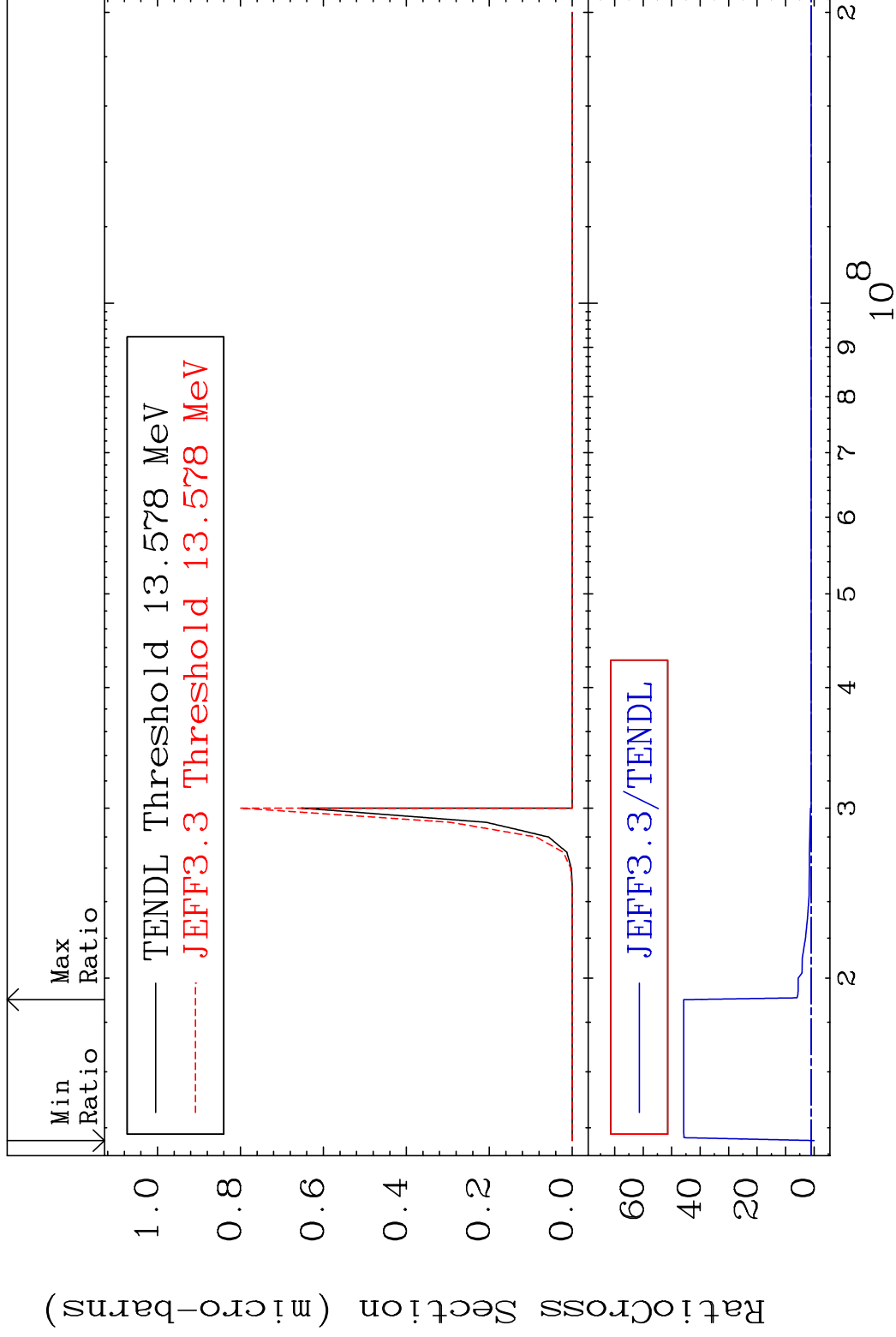


MAT 6719

(n,2n) p

67-Ho-163

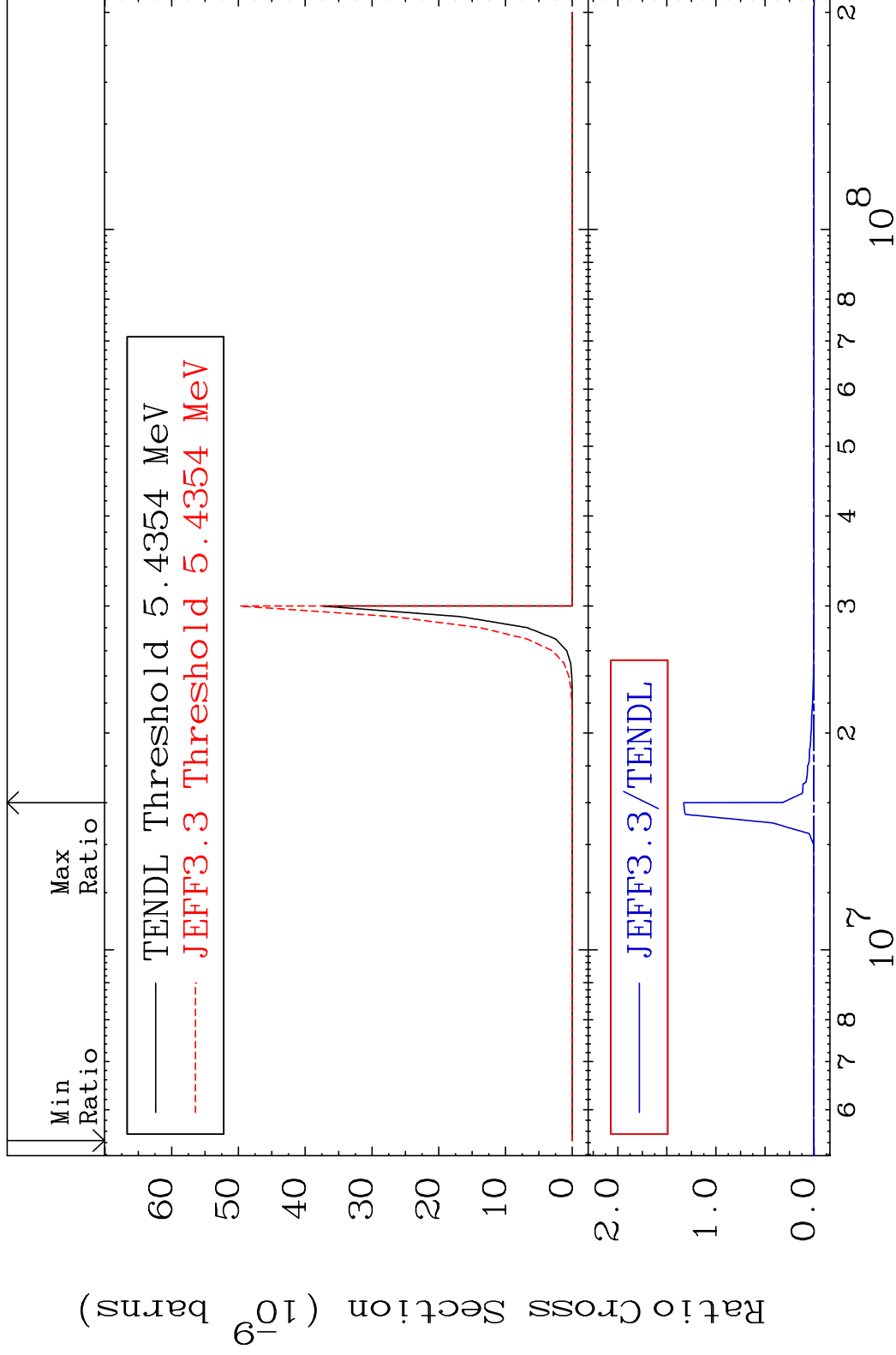
Cross Section -100.0 To 4479. %



MAT 6719

(n,n') p  $\alpha$  67-Ho-163

Cross Section -100.0 To 9999. %



18

Incident Energy (eV)

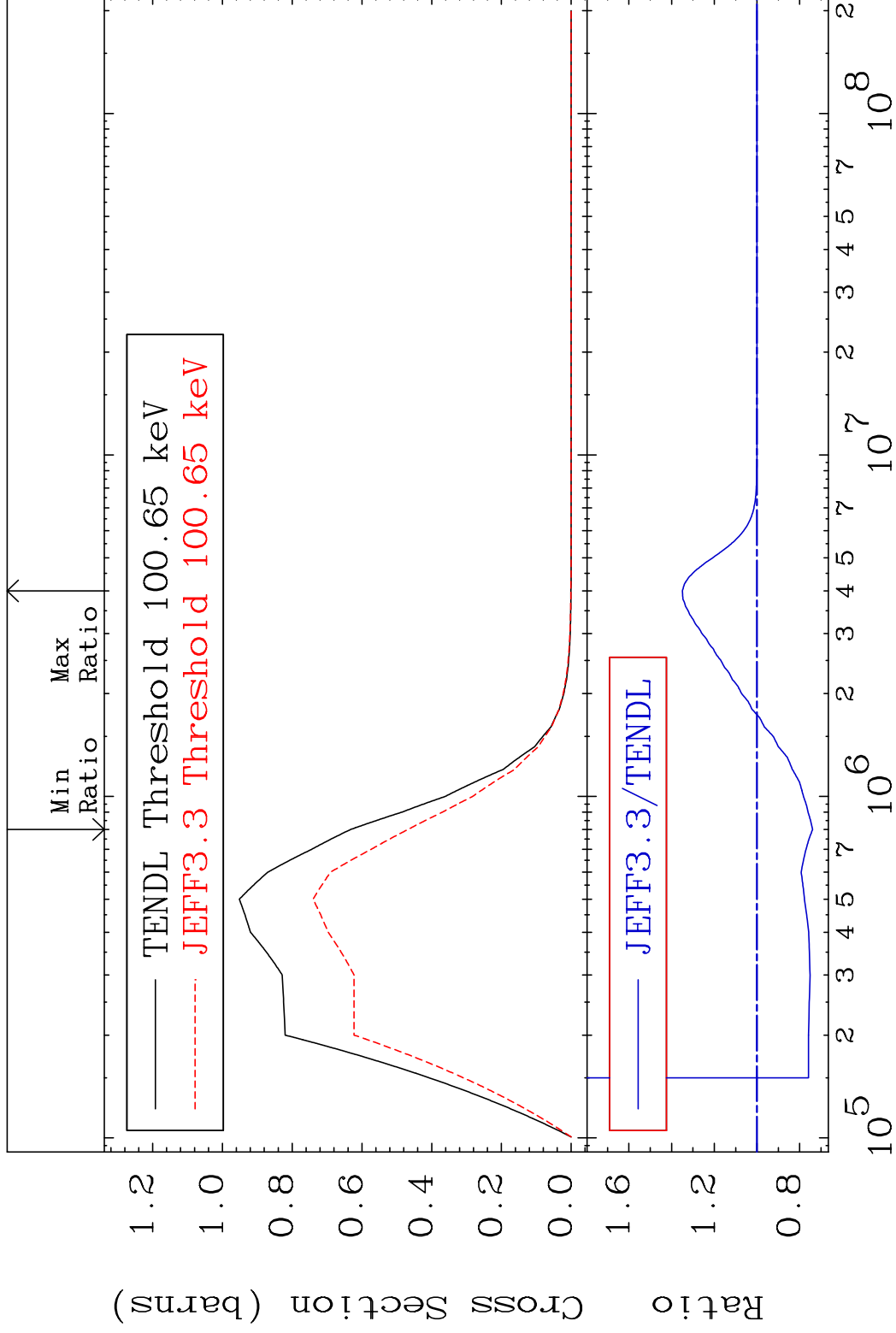
67-Ho-163

MAT 6719

MT= 51 (n, n') Level

67-Ho-163

Cross Section -26.01 To 34.96 %

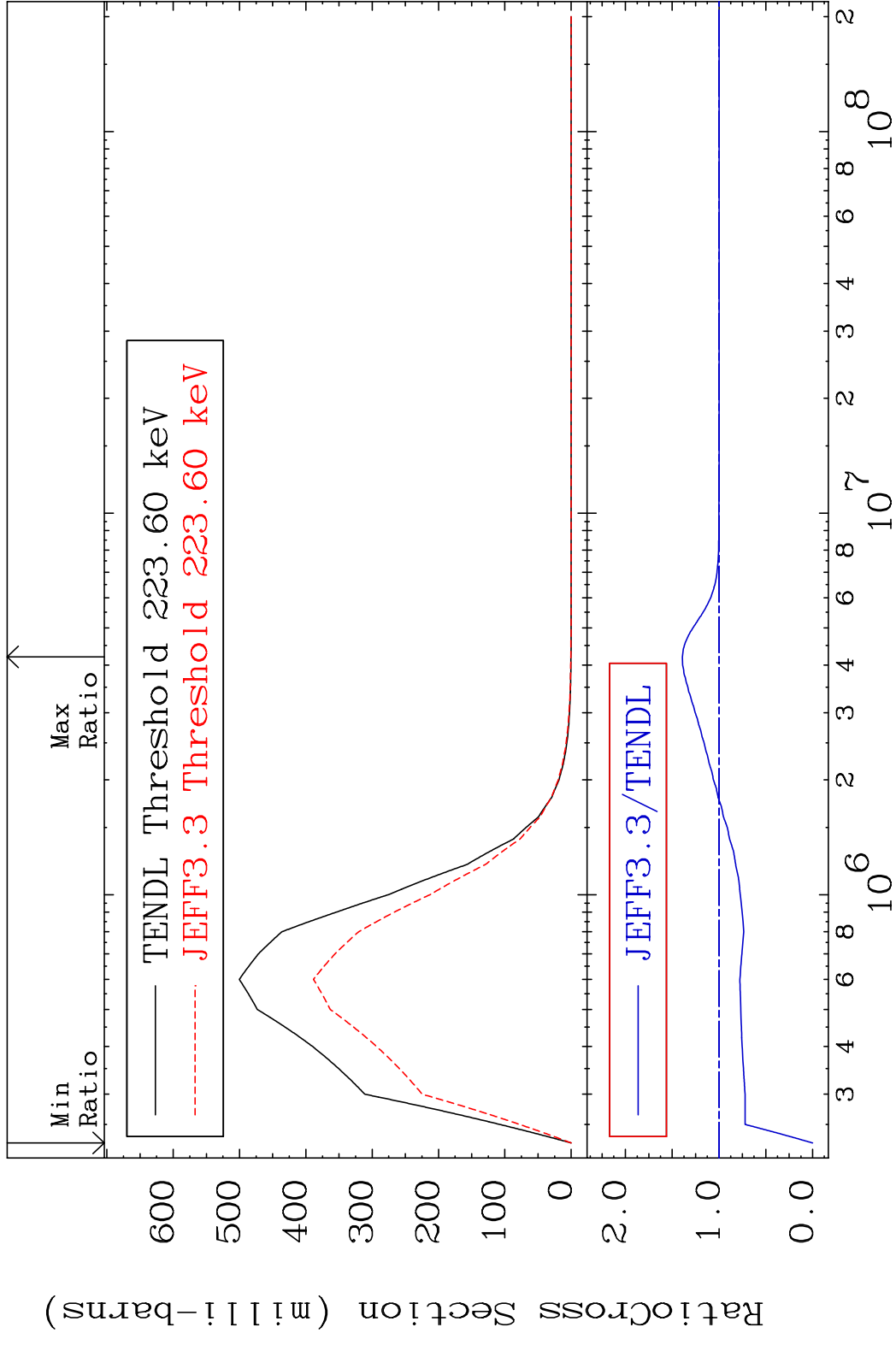


19

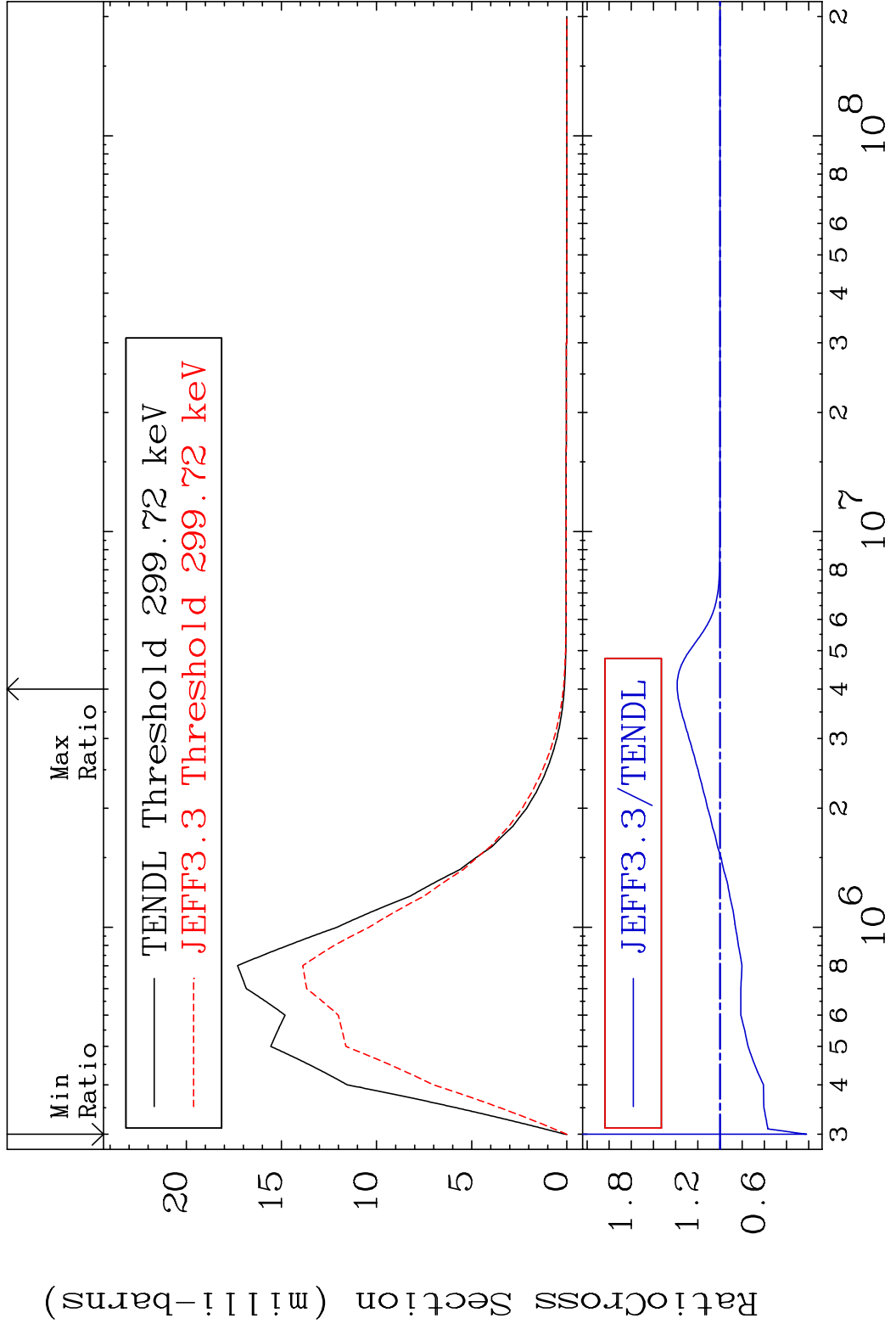
Incident Energy (eV)

67-Ho-163

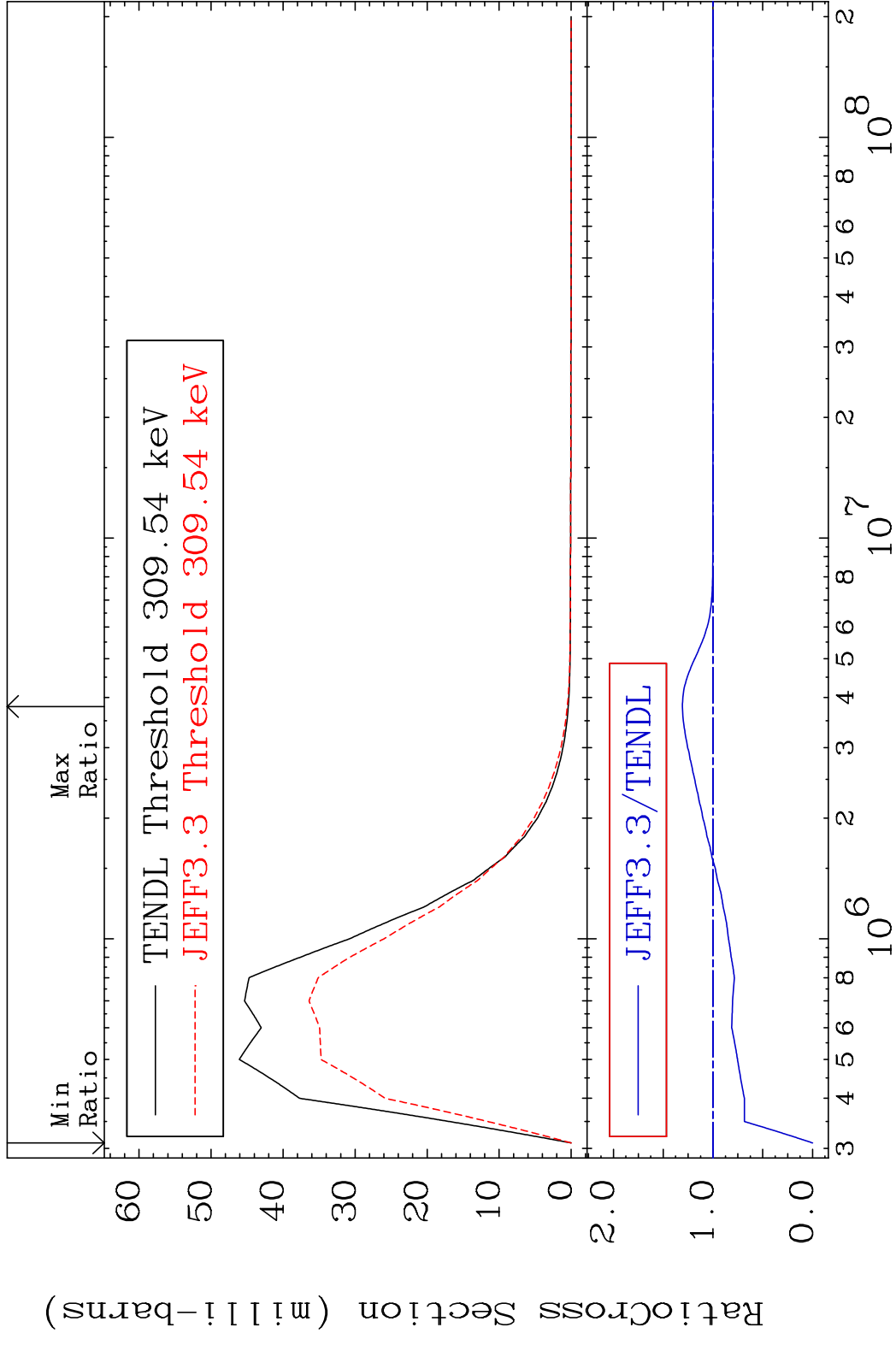
MAT 6719 MT= 52 (n,n') Level 67-Ho-163  
 Cross Section -100.0 To 39.17 %



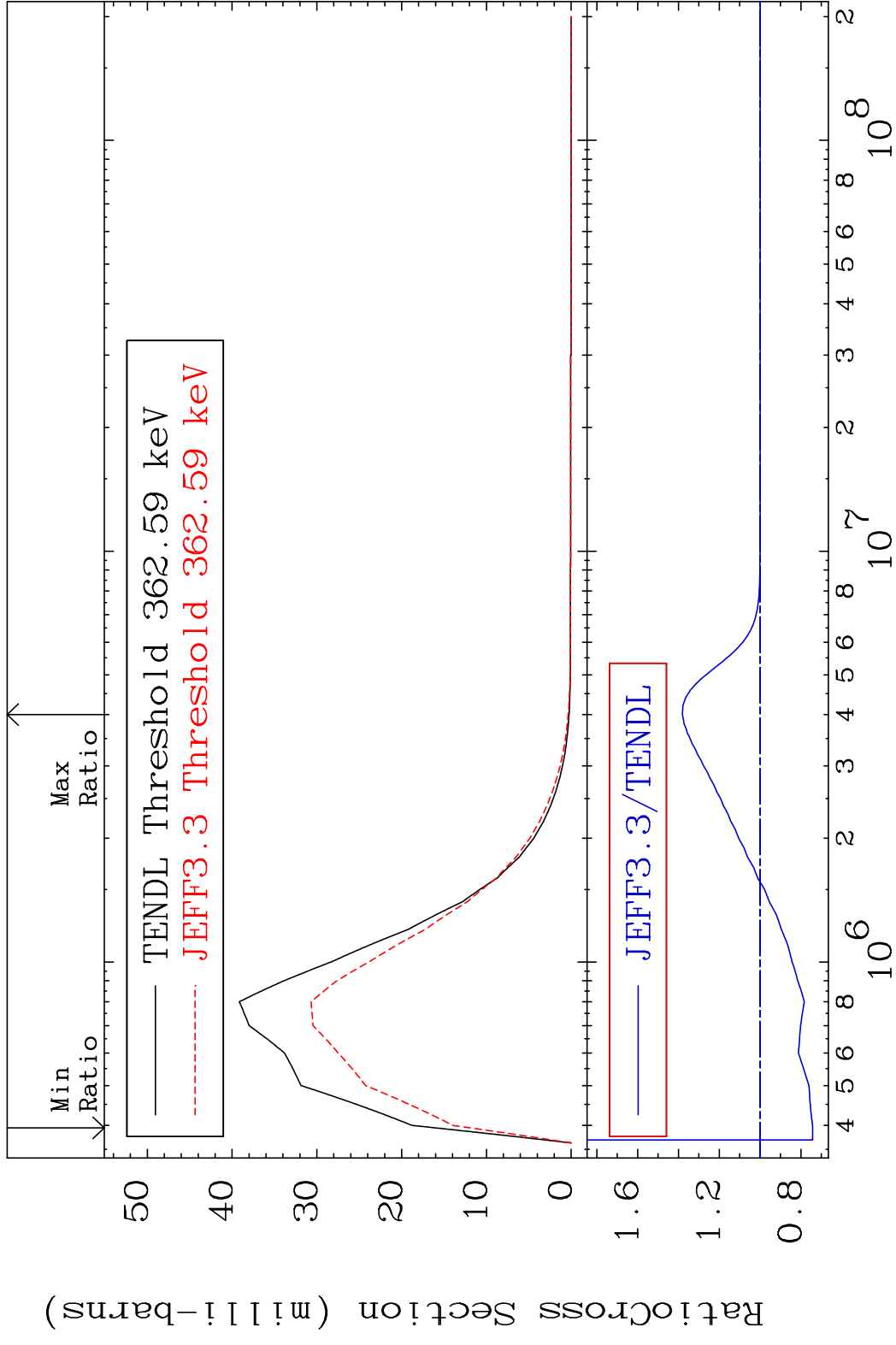
MAT 6719 MT= 53 (n, n') Level 67-Ho-163  
 Cross Section -77.98 To 38.64 %



MAT 6719 MT= 54 (n,n') Level 67-Ho-163  
 Cross Section -100.0 To 30.76 %

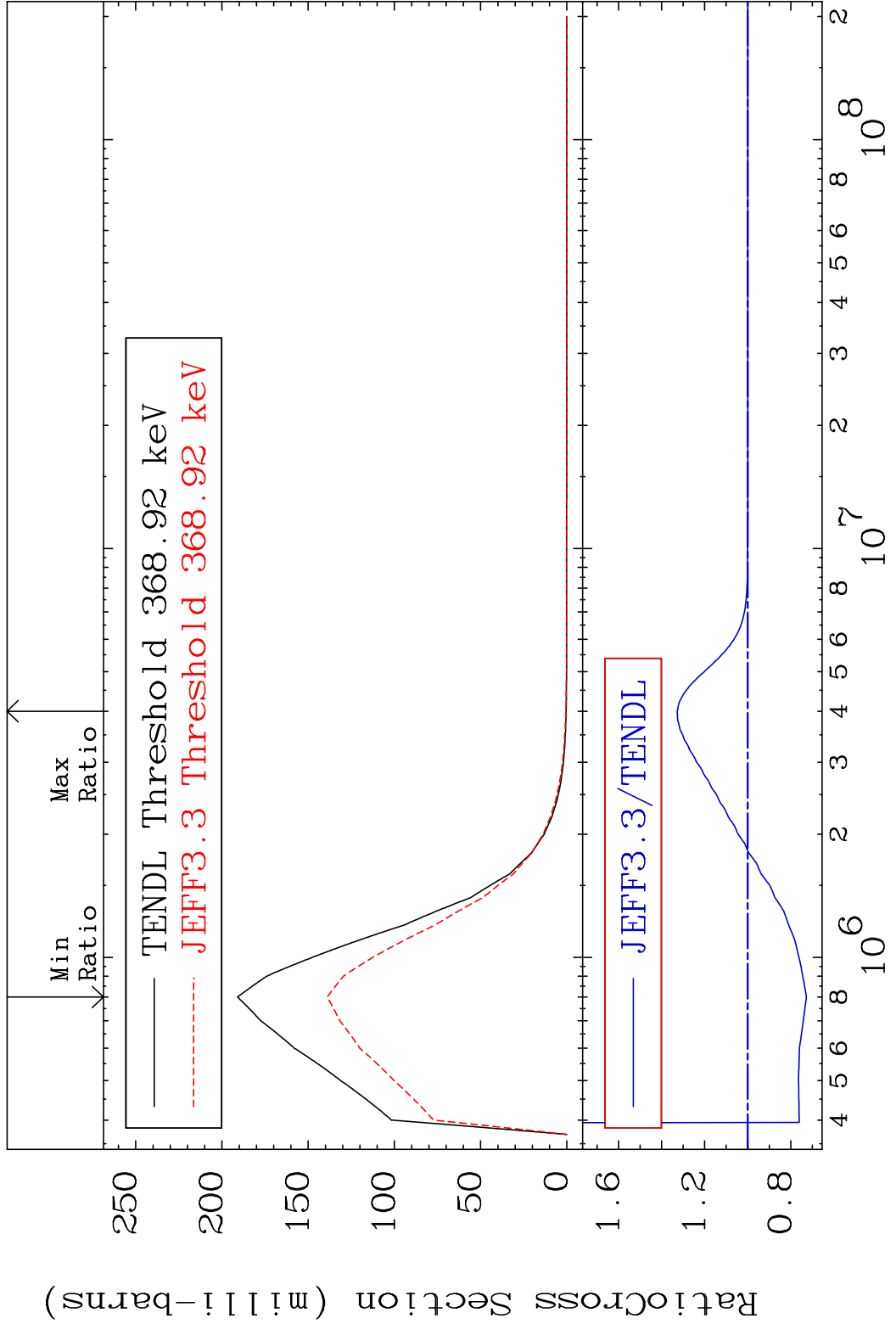


MAT 6719 MT= 55 (n,n') Level 67-Ho-163  
 Cross Section -25.69 To 38.09 %

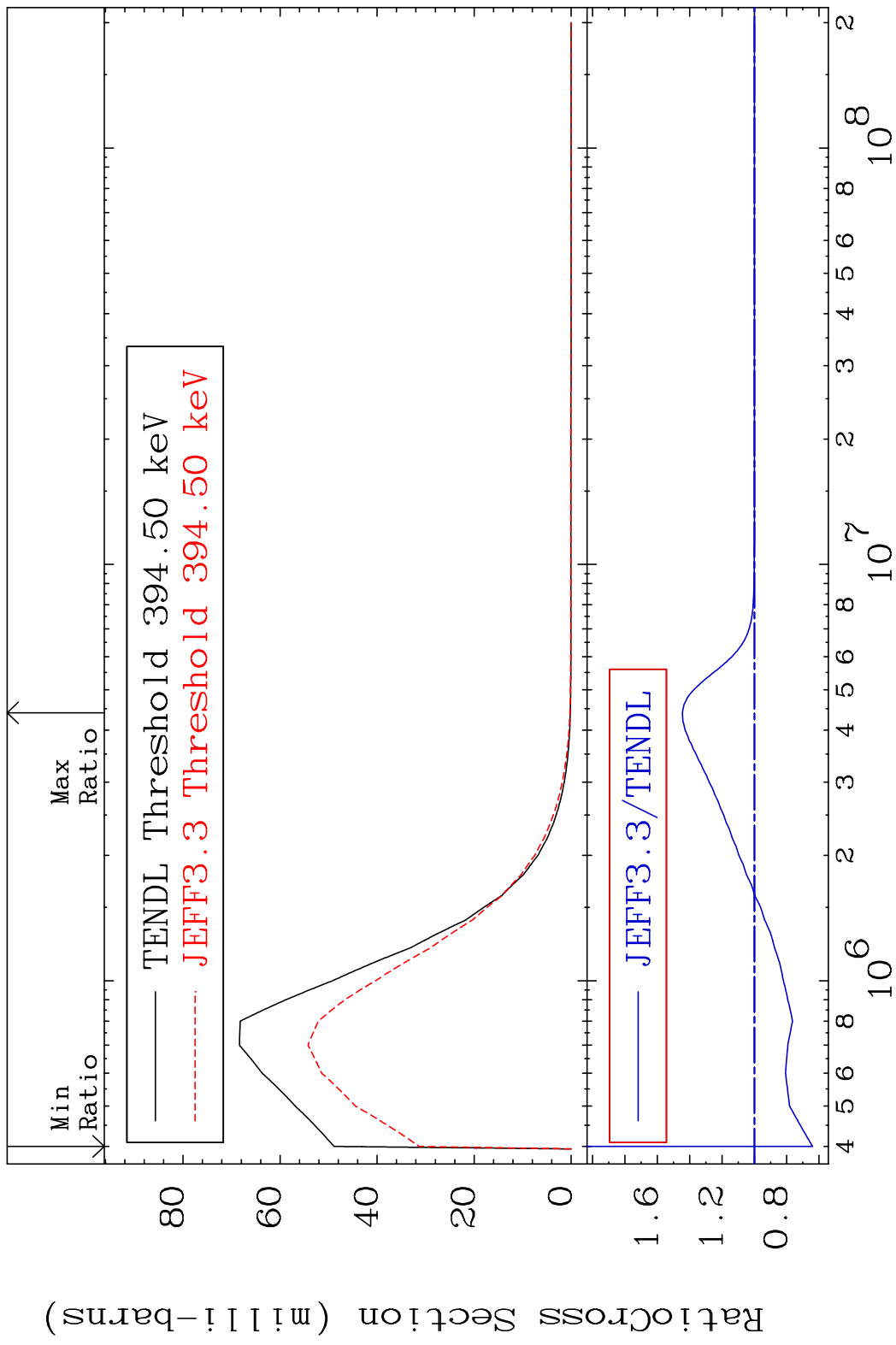




MAT 6719 MT= 56 (n,n') Level 67-Ho-163  
 Cross Section -27.27 To 32.78 %



MAT 6719 MT= 57 (n,n') Level 67-Ho-163  
 Cross Section -35.97 To 44.50 %

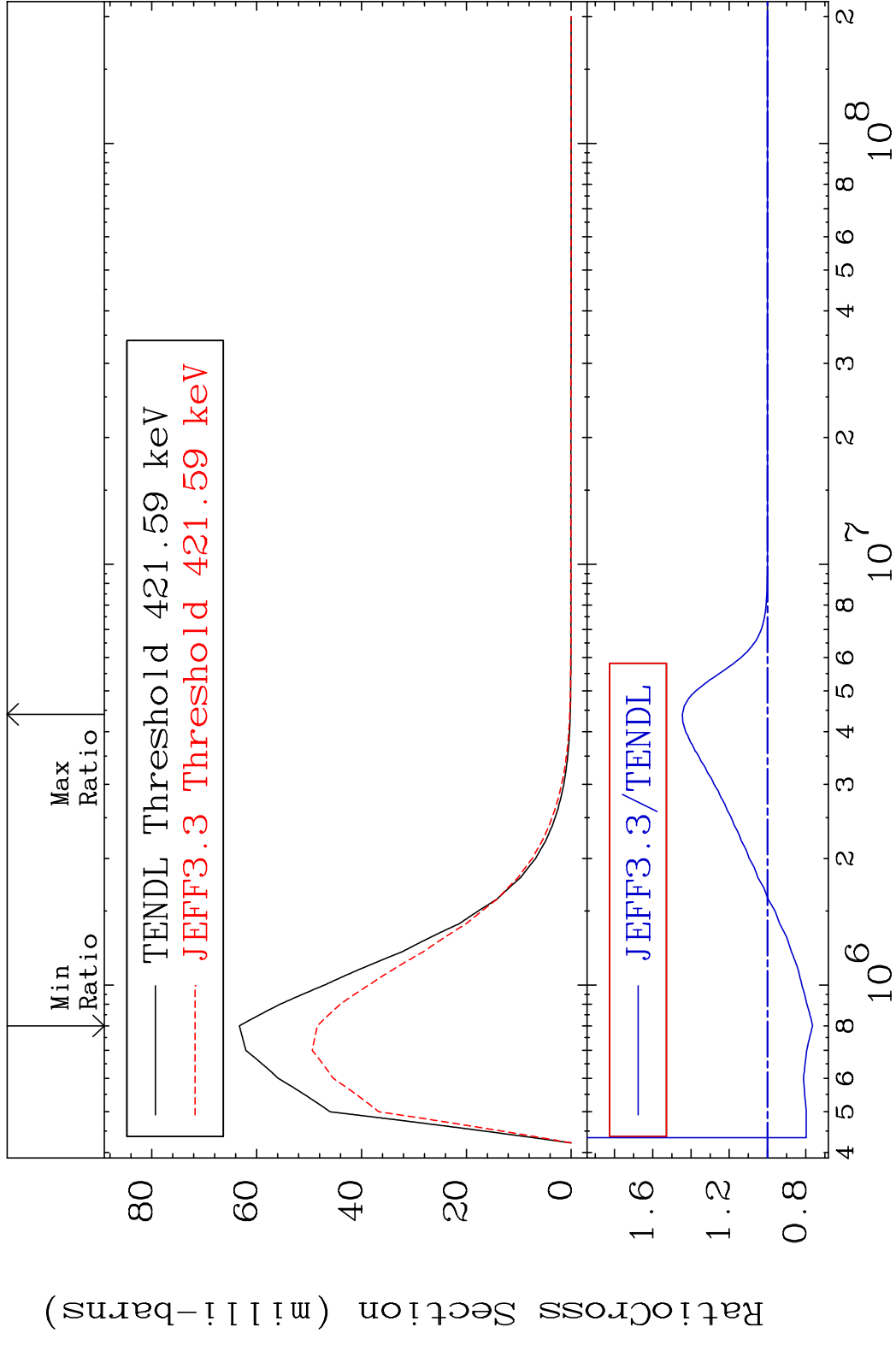


MAT 6719

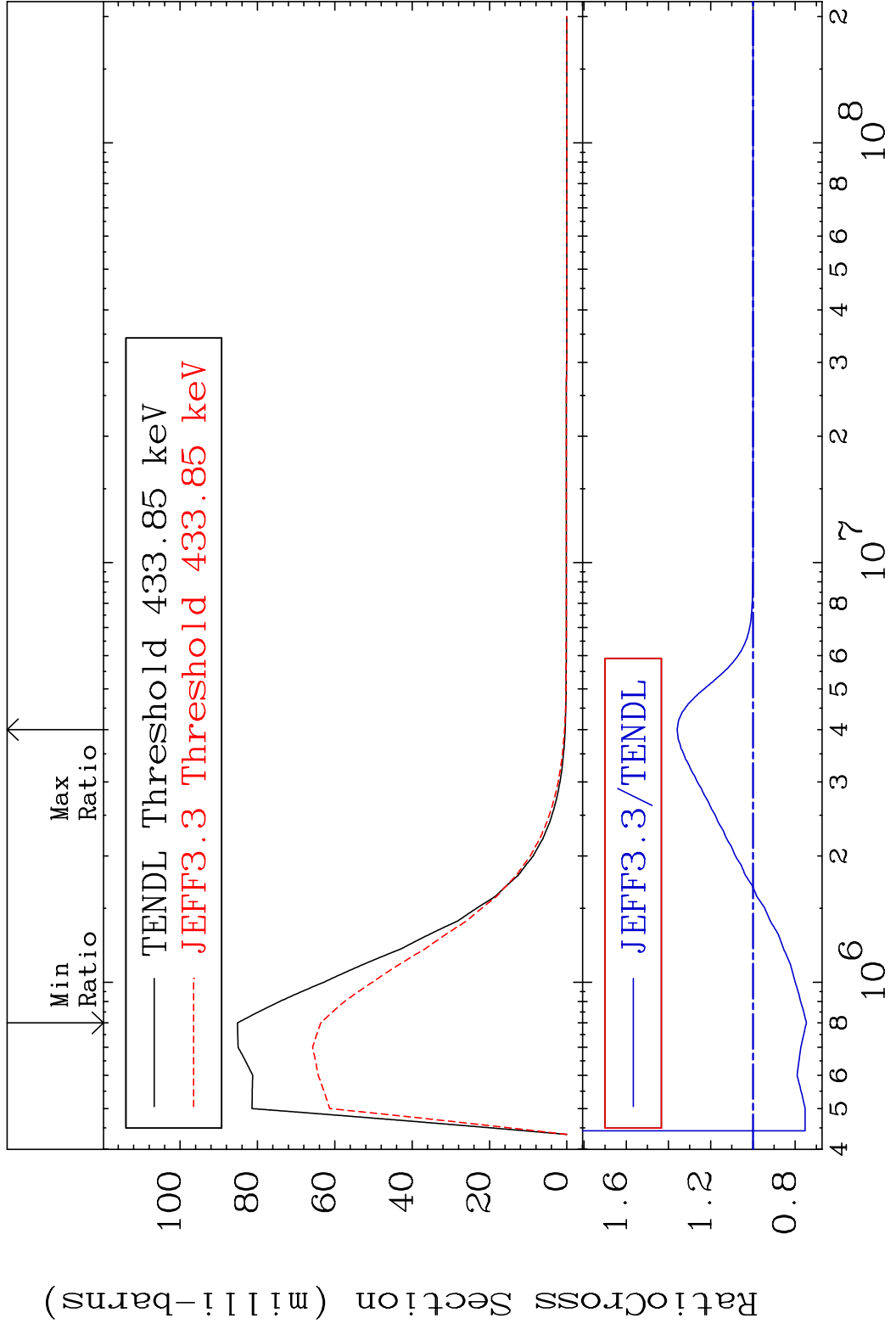
MT= 58 (n, n') Level

67-Ho-163

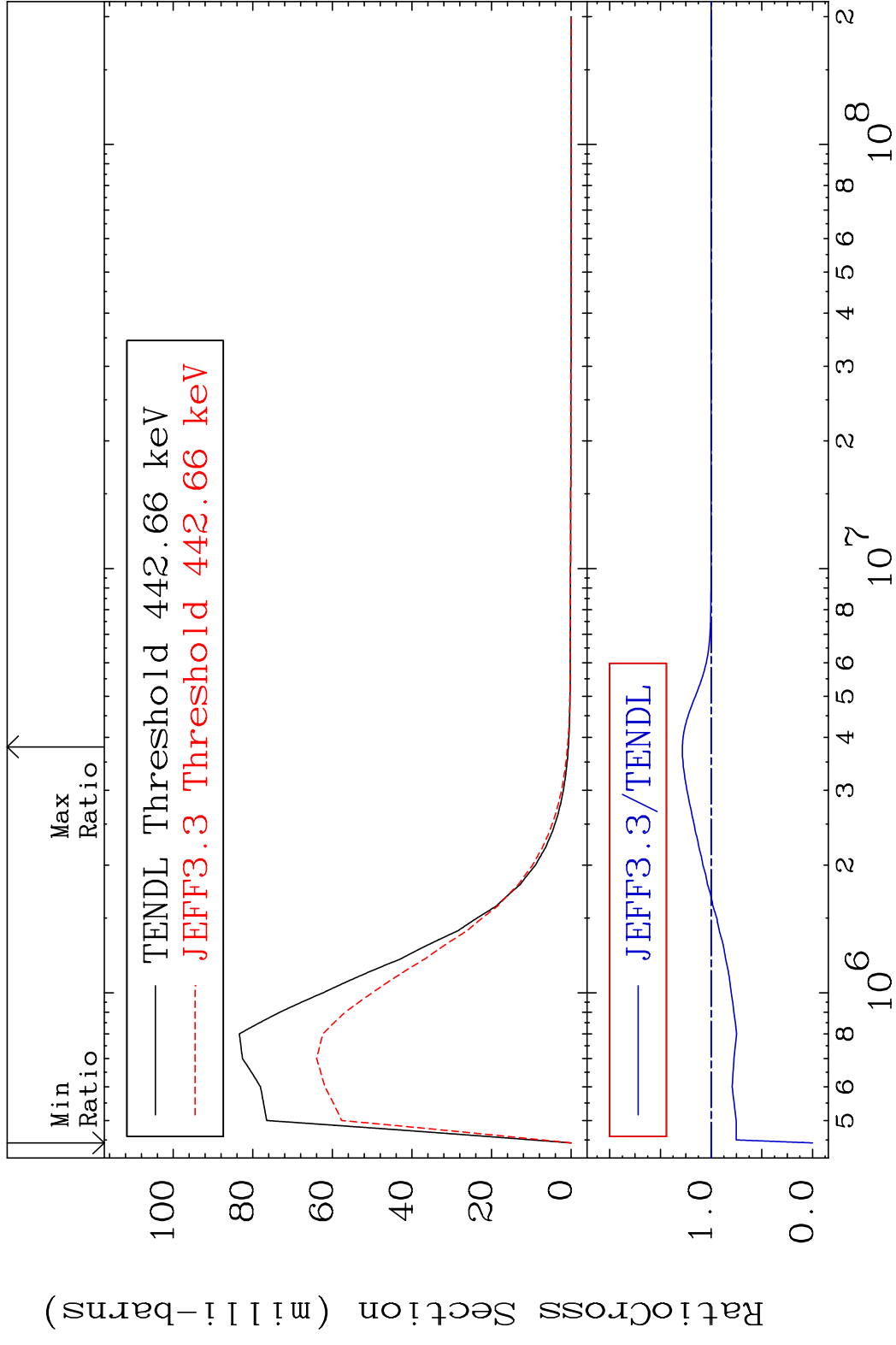
Cross Section -23.53 To 44.50 %



MAT 6719 MT= 59 (n, n') Level 67-Ho-163  
 Cross Section -25.29 To 35.87 %



MAT 6719 MT= 60 (n, n') Level 67-Ho-163  
 Cross Section -100.0 To 28.37 %

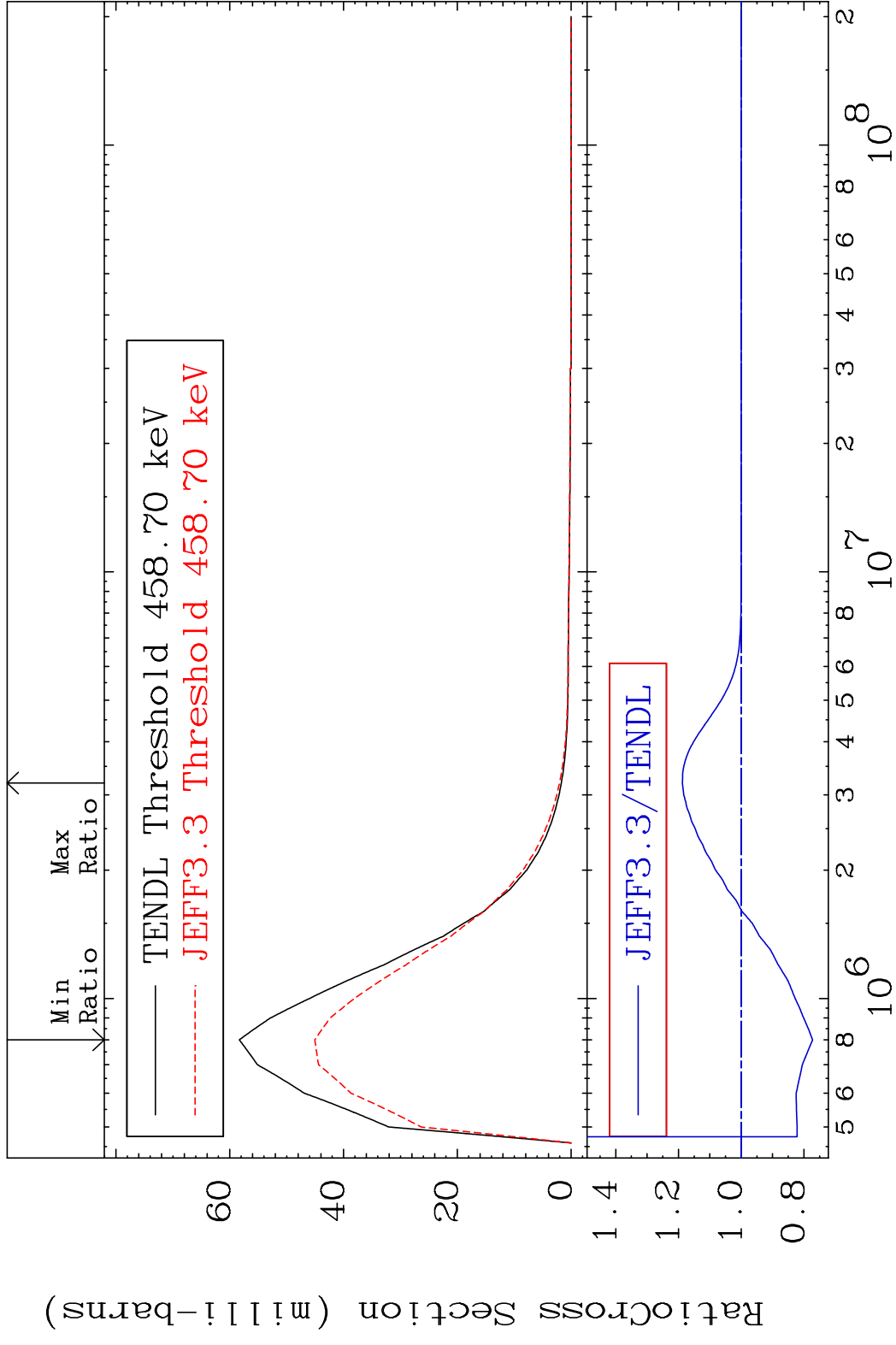


MAT 6719

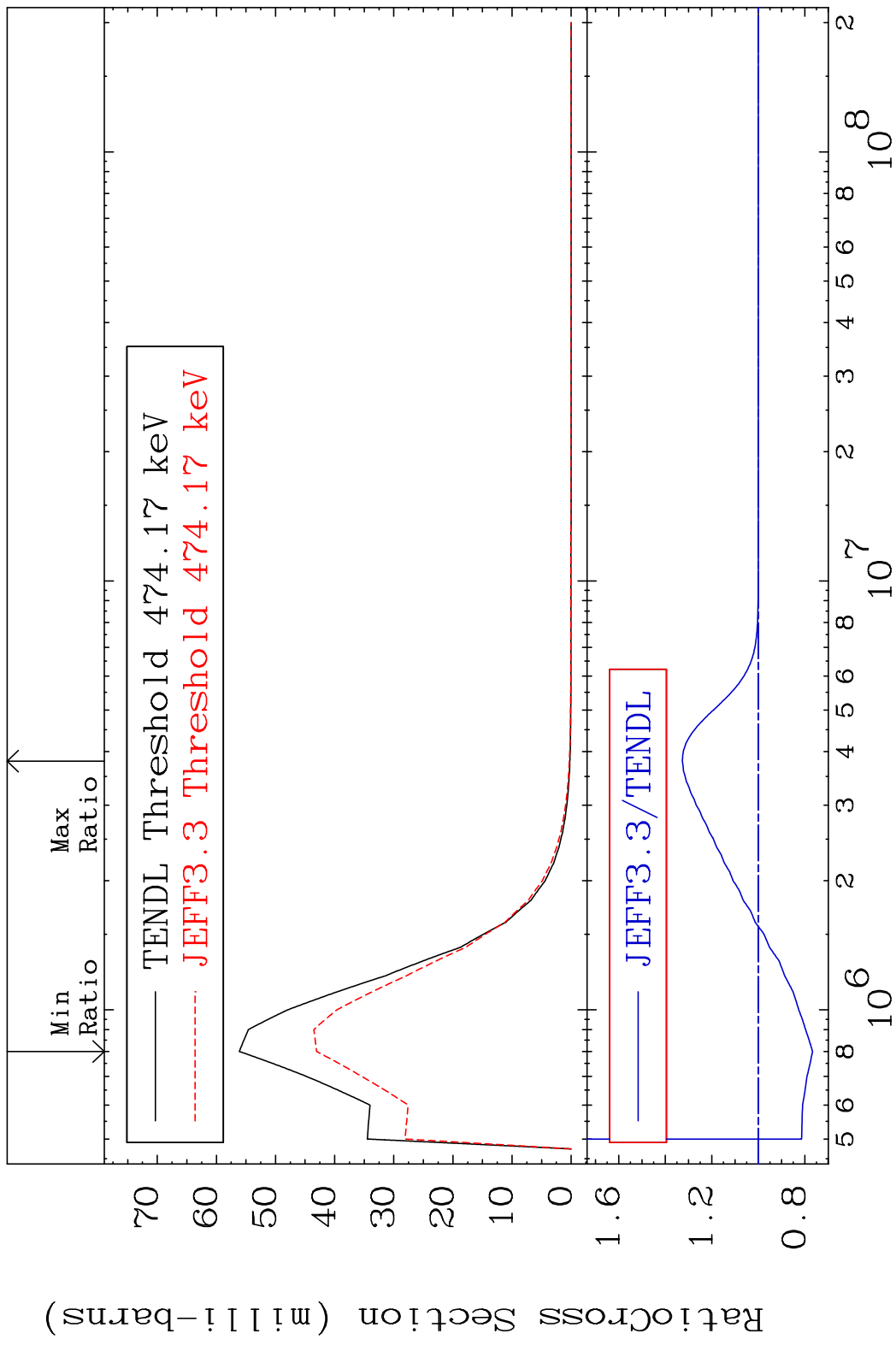
MT= 61 (n, n') Level

67-Ho-163

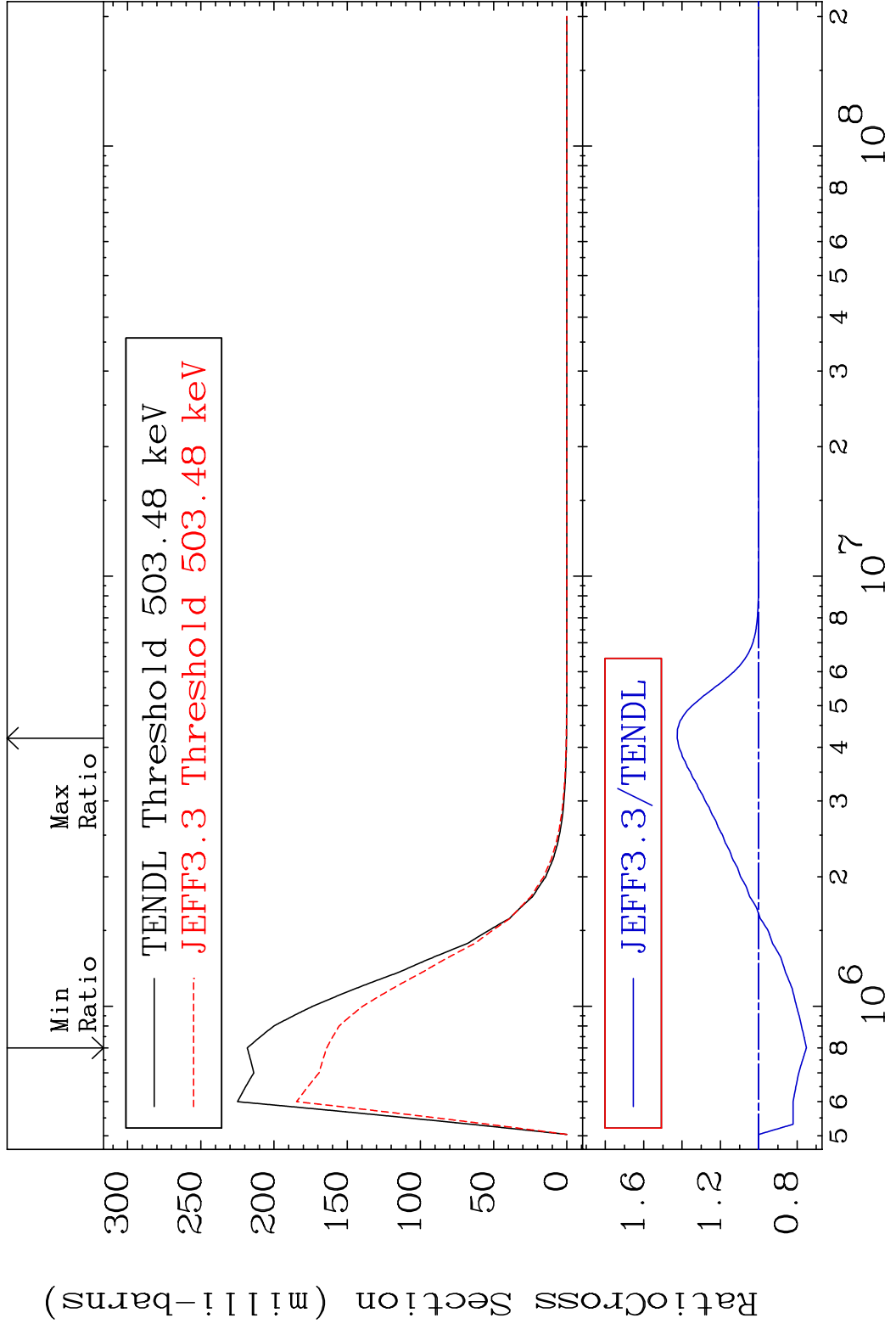
Cross Section -22.74 To 18.76 %



MAT 6719 MT= 62 (n, n') Level 67-Ho-163  
 Cross Section -23.27 To 32.66 %

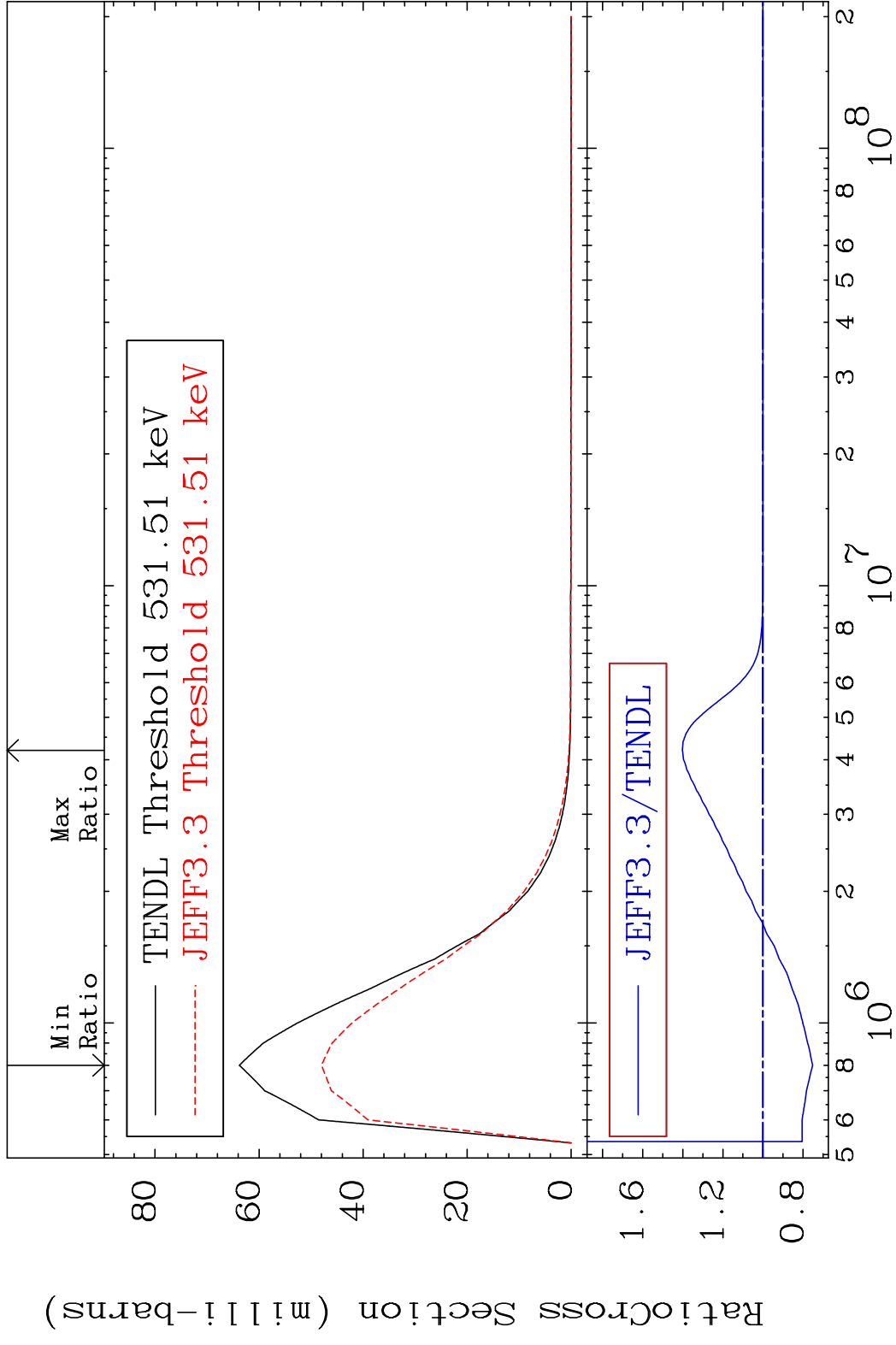


MAT 6719 MT= 63 (n, n') Level 67-Ho-163  
 Cross Section -24.84 To 42.54 %



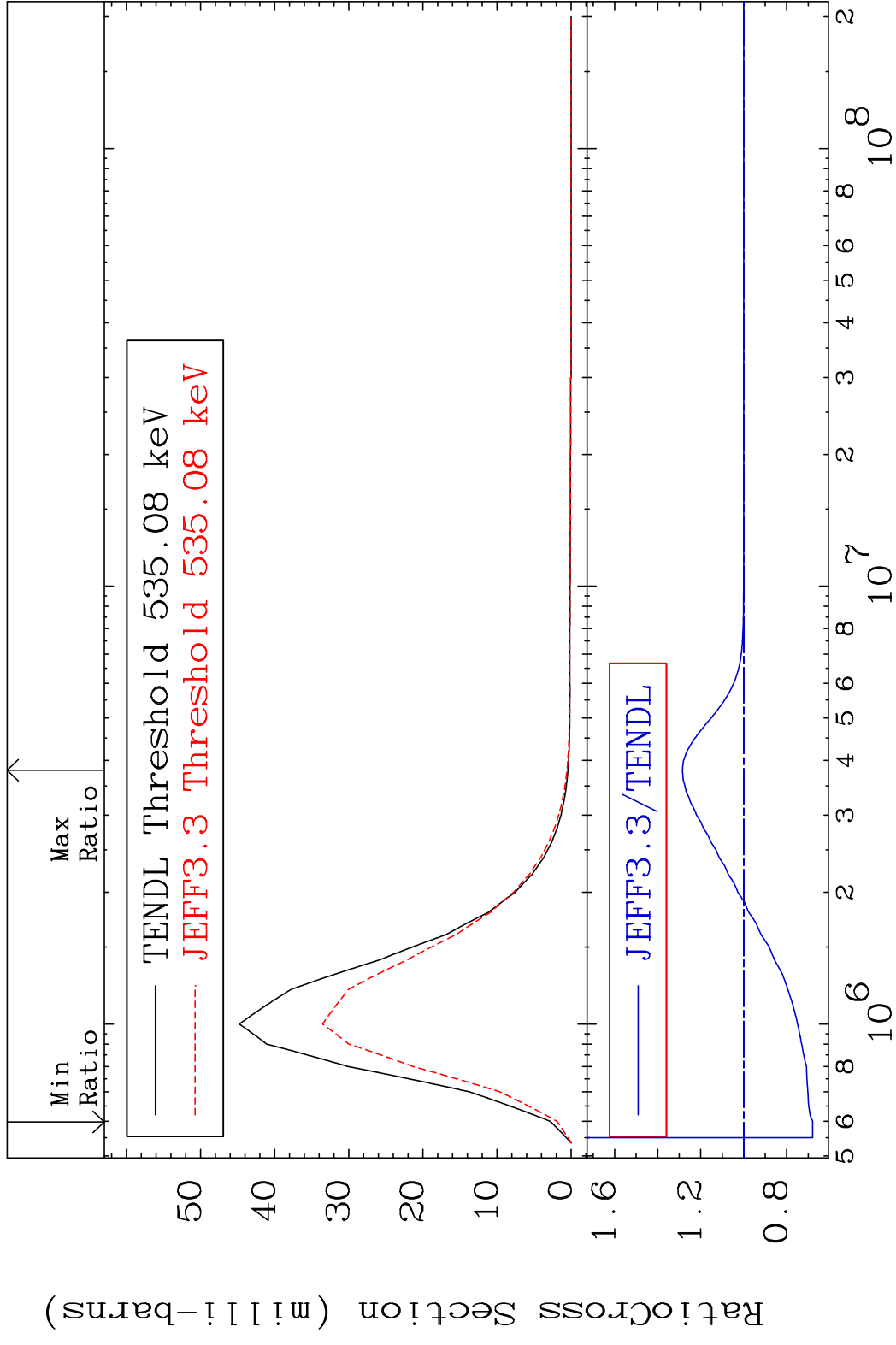


MAT 6719 MT= 64 (n, n') Level 67-Ho-163  
 Cross Section -24.74 To 40.23 %

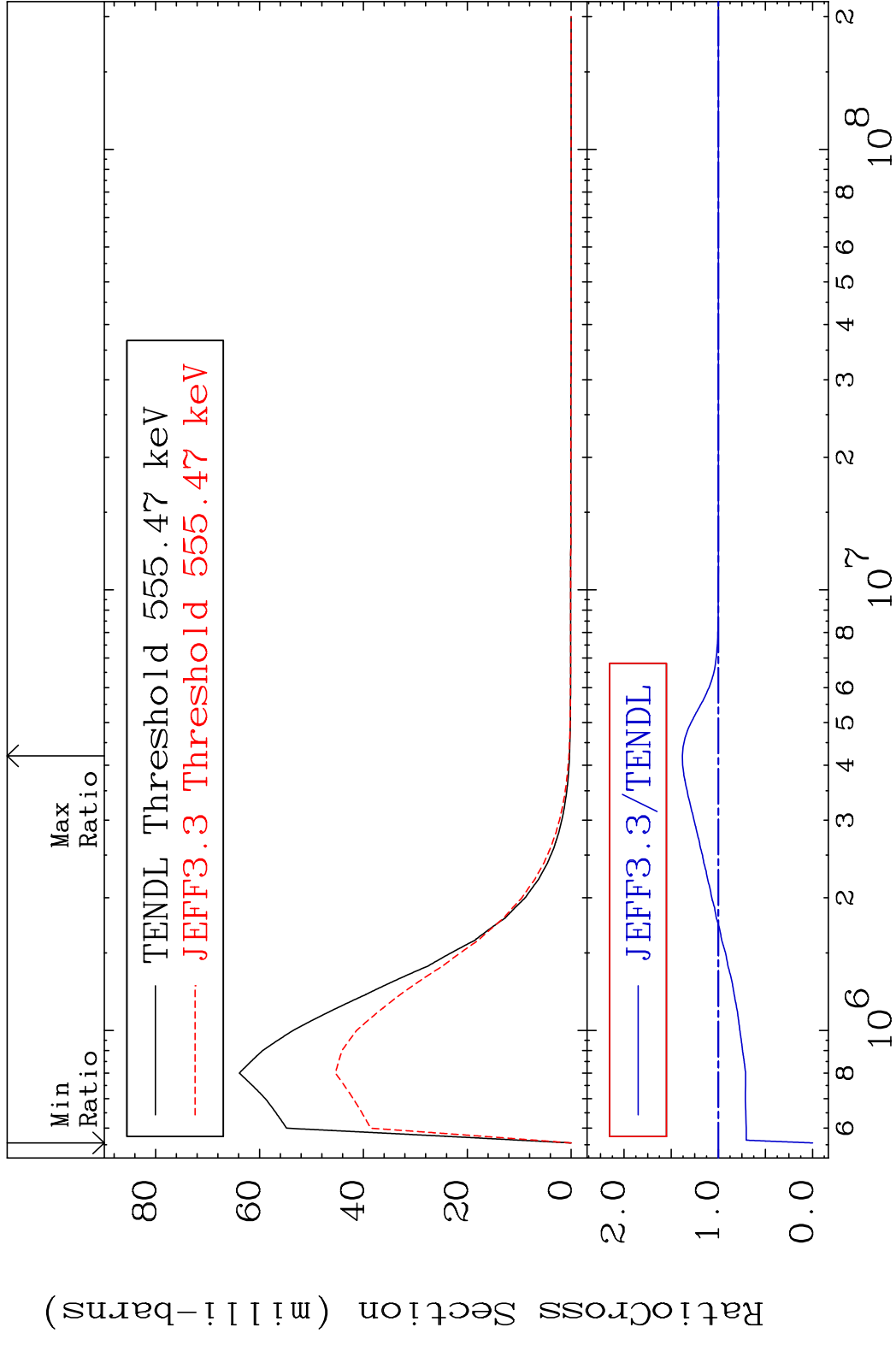


32 Incident Energy (eV) 67-Ho-163

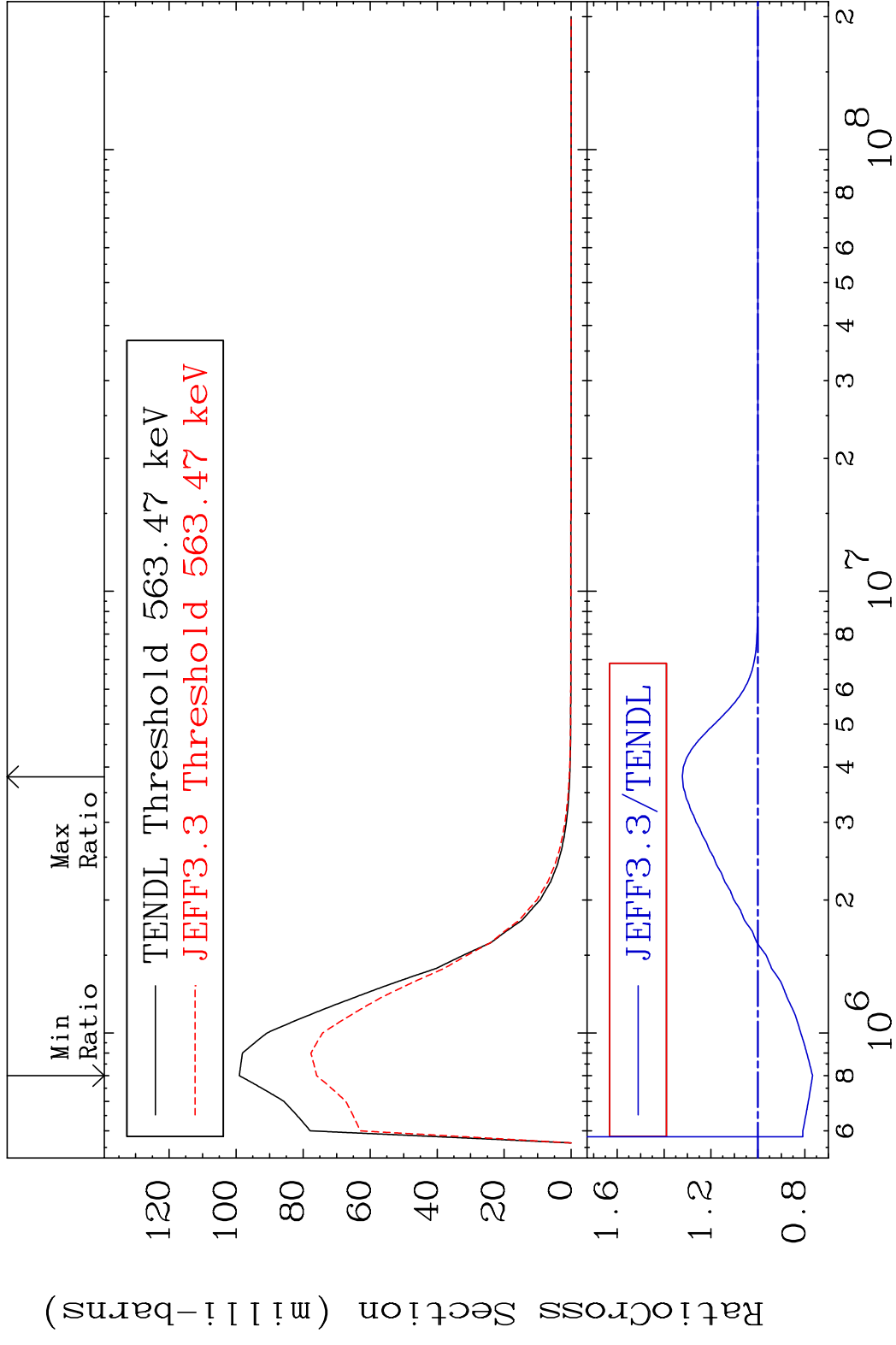
MAT 6719 MT= 65 (n, n') Level 67-Ho-163  
 Cross Section -32.02 To 28.52 %



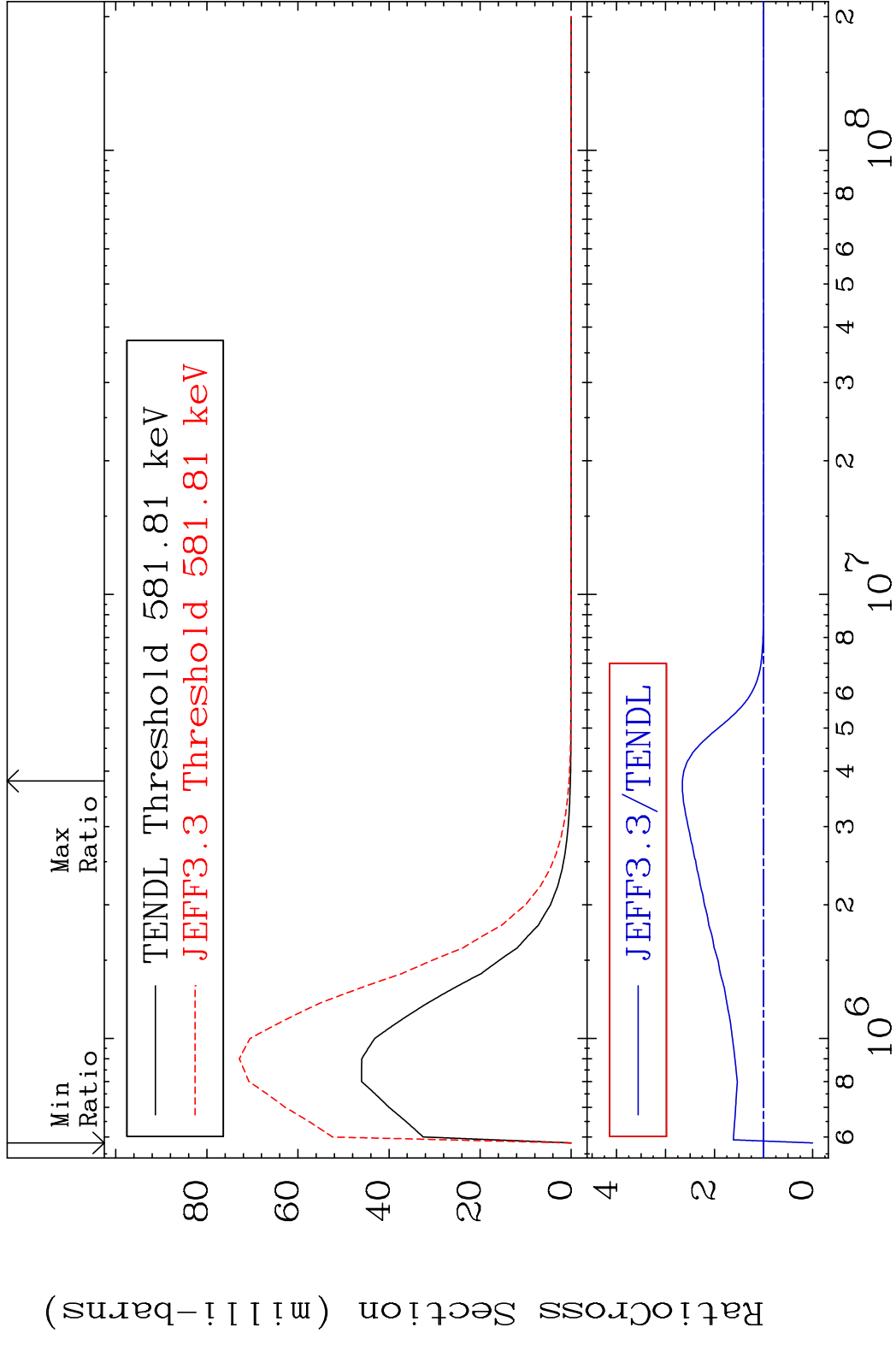
MAT 6719 MT= 66 (n, n') Level 67-Ho-163  
 Cross Section -100.0 To 38.17 %



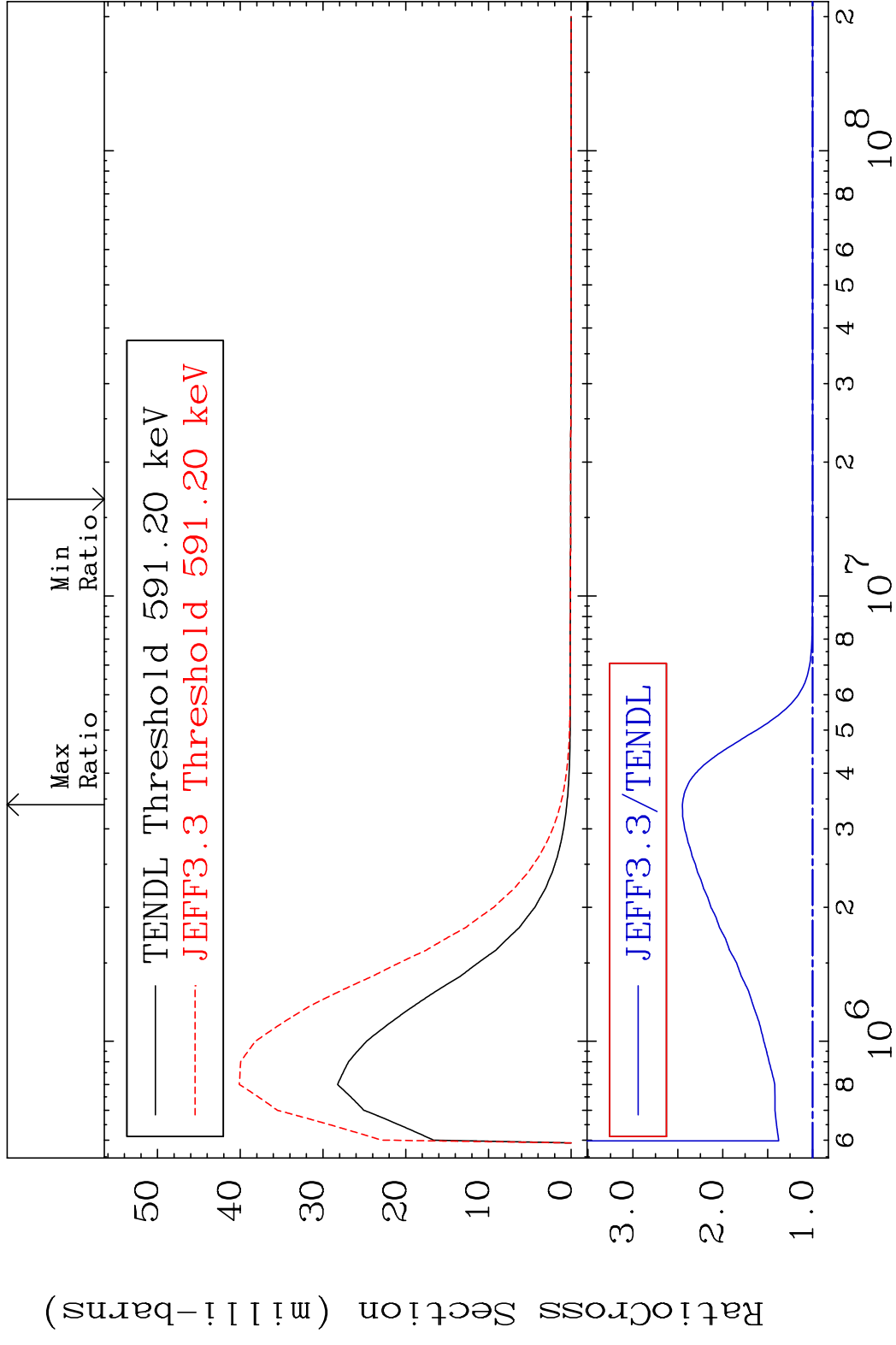
MAT 6719 MT= 67 (n, n') Level 67-Ho-163  
 Cross Section -23.31 To 32.20 %



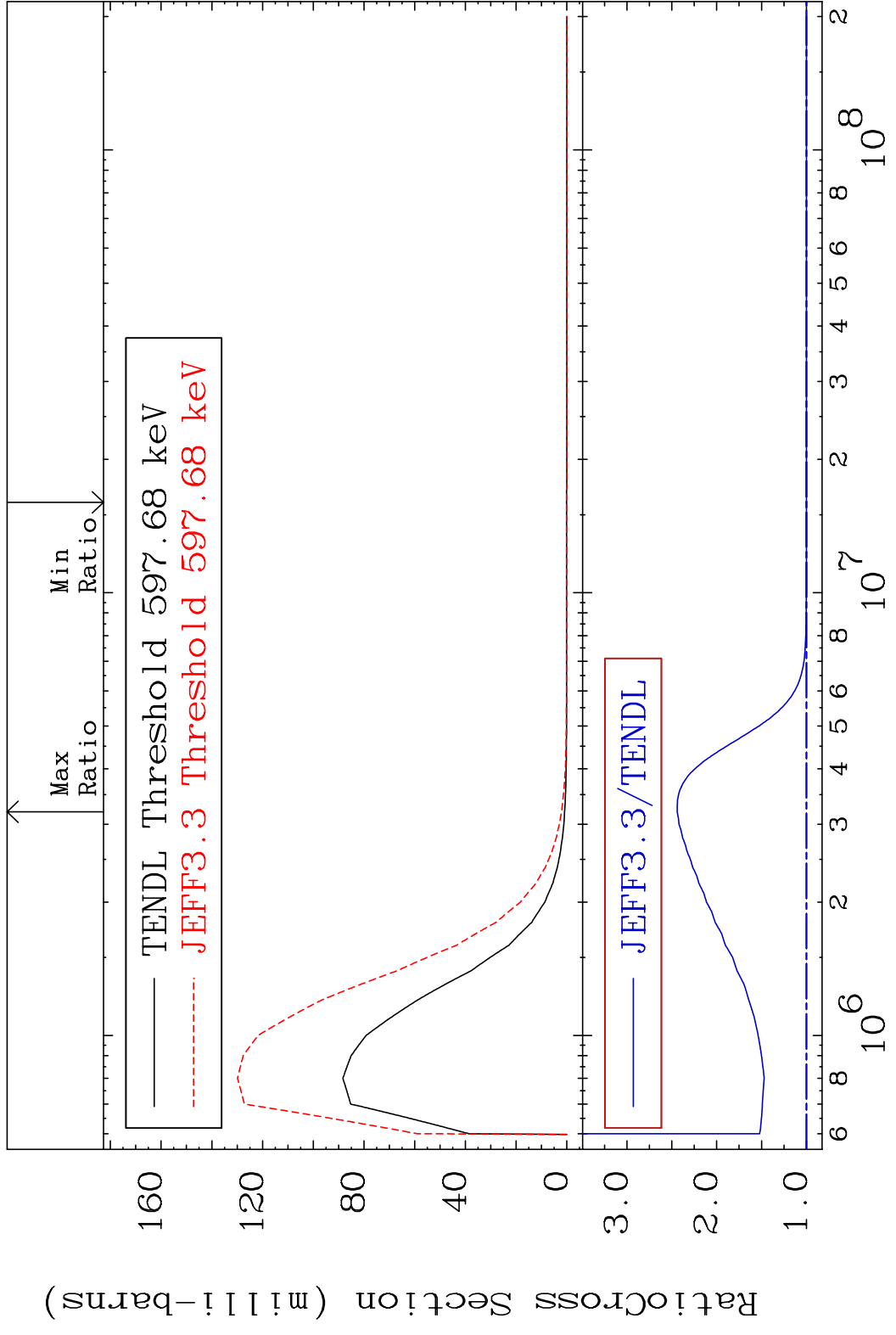
MAT 6719 MT= 68 (n, n') Level 67-Ho-163  
 Cross Section -100.0 To 165.7 %



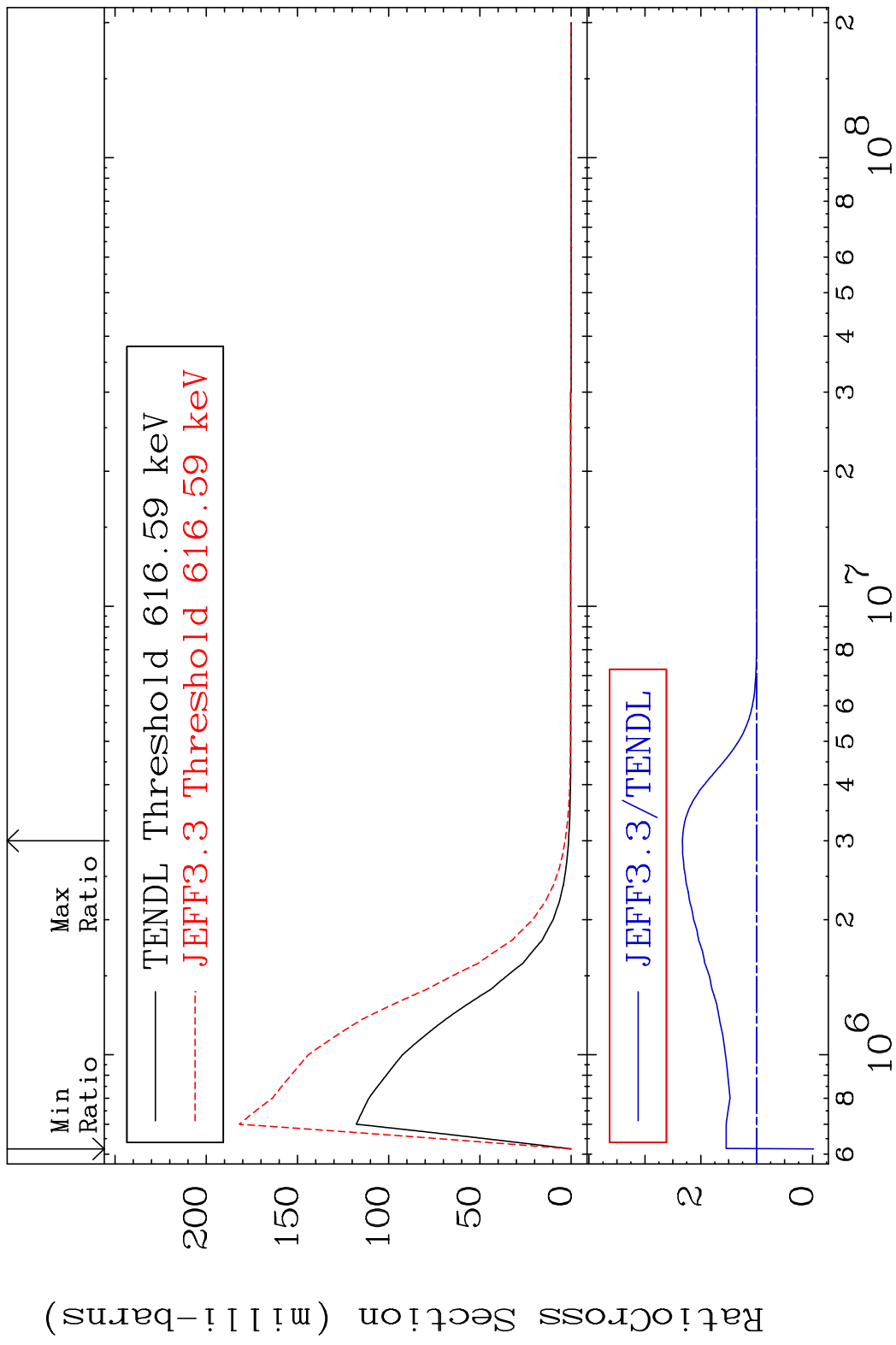
MAT 6719 MT= 69 (n, n') Level 67-Ho-163  
 Cross Section 0.000 To 145.0 %



MAT 6719 MT= 70 (n, n') Level 67-Ho-163  
 Cross Section 0.000 To 144.0 %

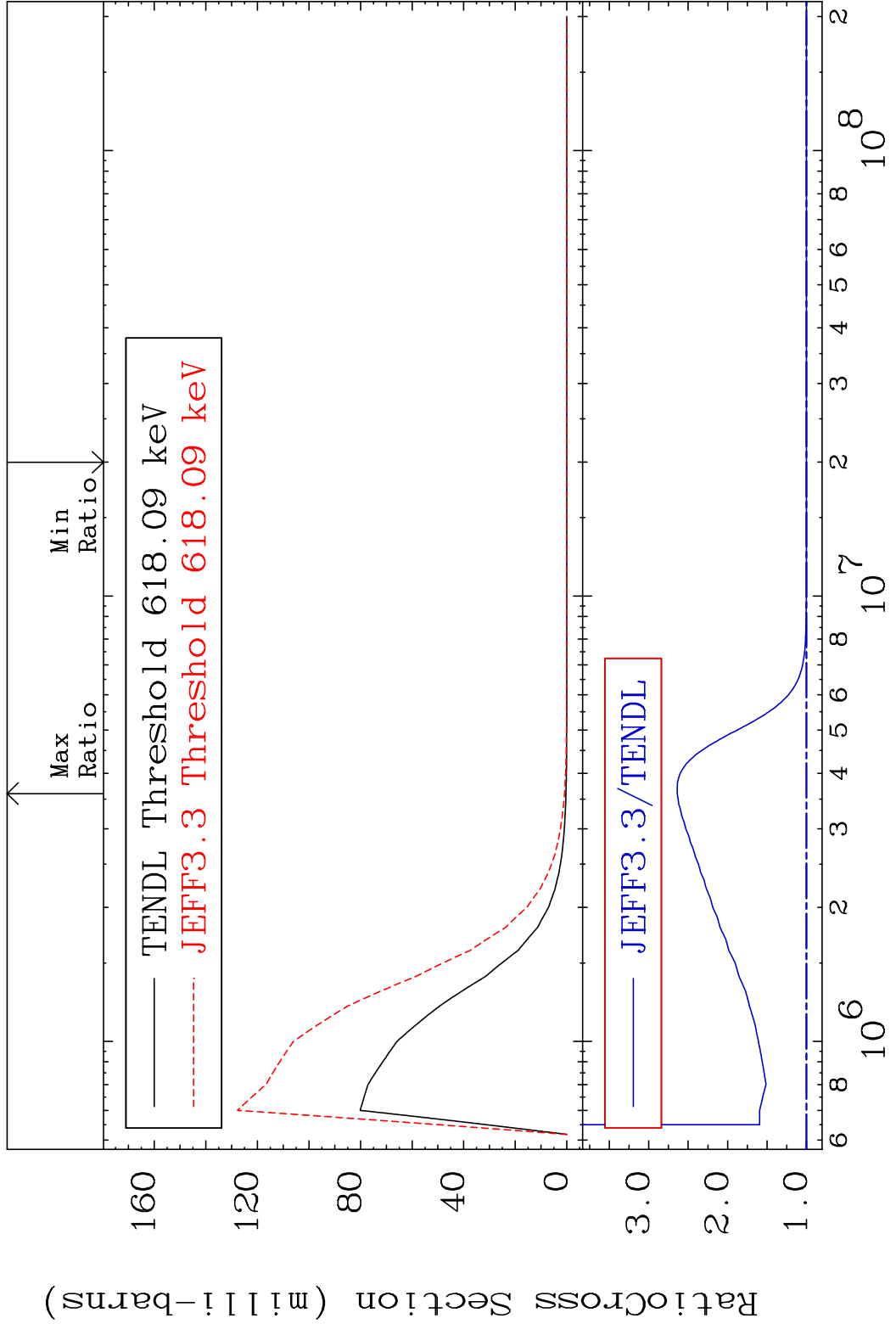


MAT 6719 MT= 71 (n, n') Level 67-Ho-163  
 Cross Section -100.0 To 133.0 %



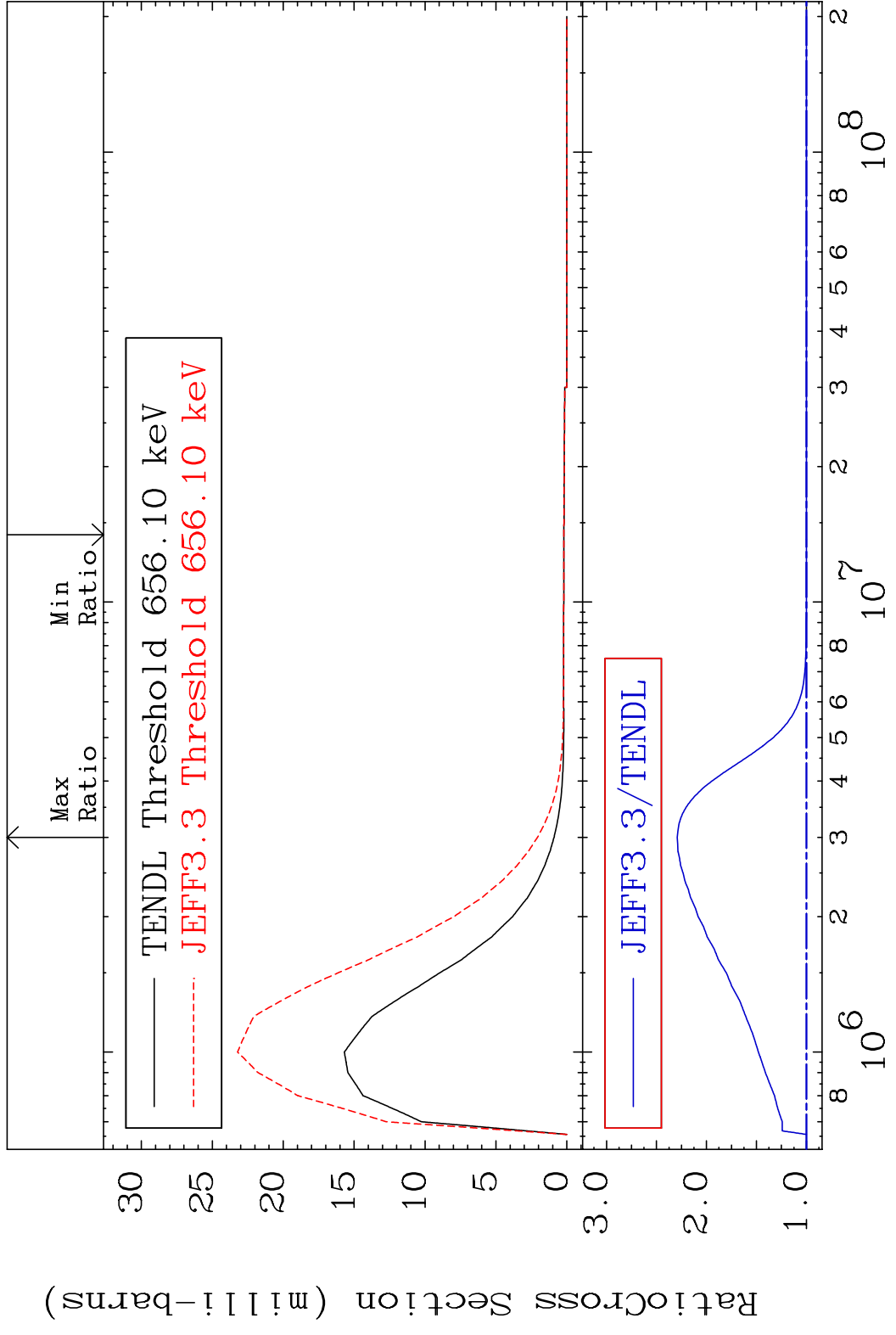


MAT 6719 MT= 72 (n, n') Level 67-Ho-163  
 Cross Section 0.000 To 164.0 %

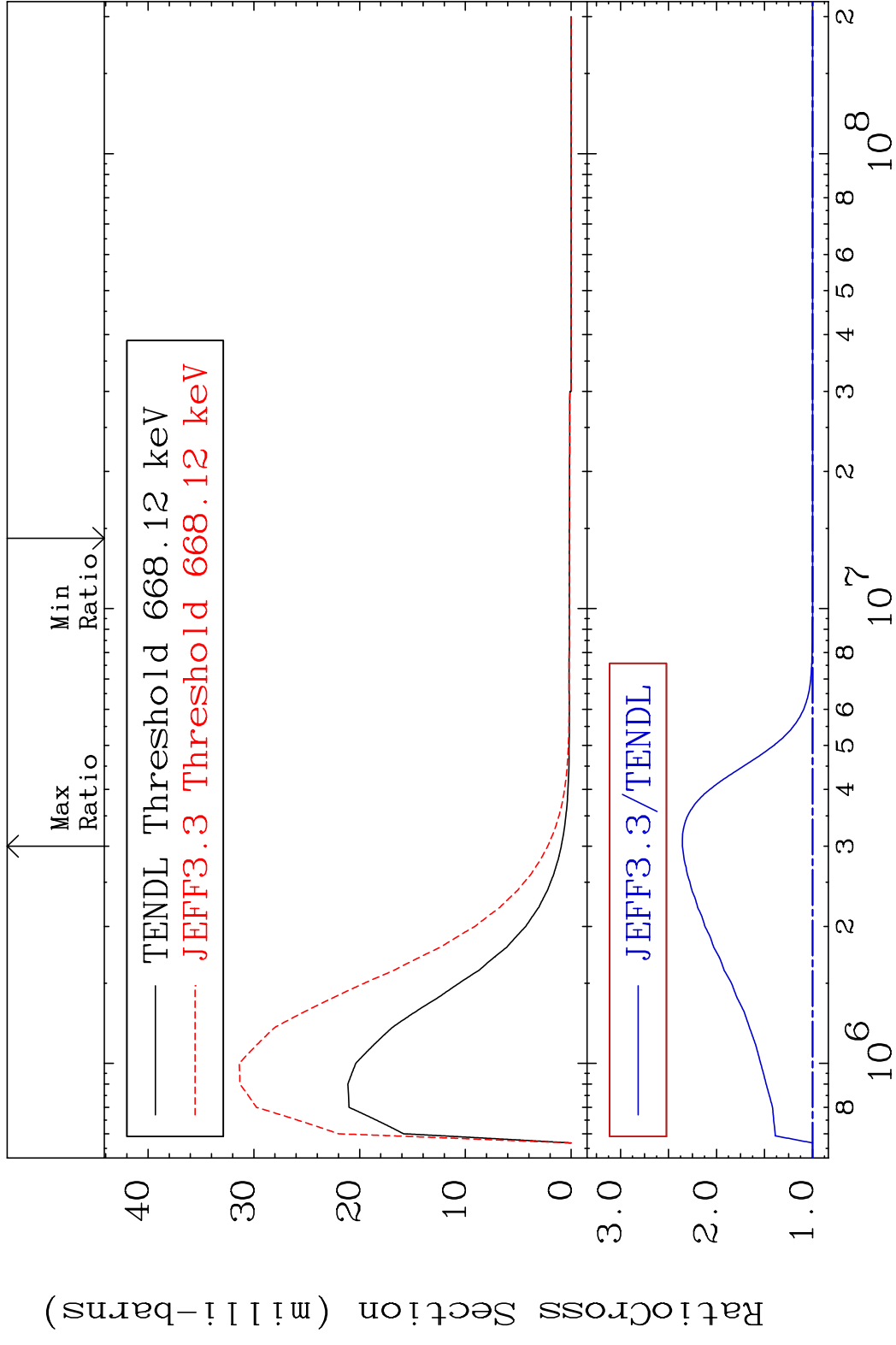


40 Incident Energy (eV) 67-Ho-163

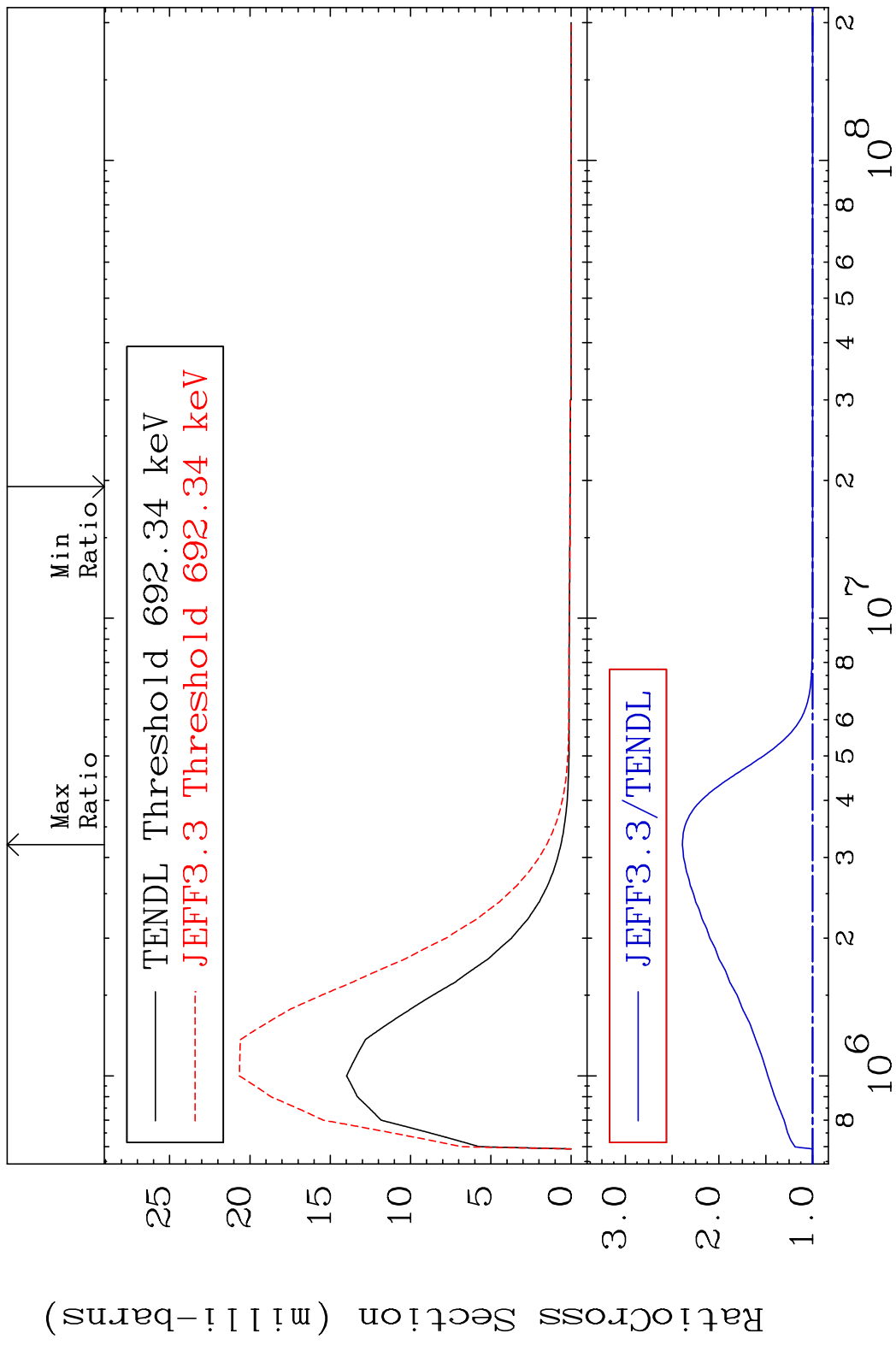
MAT 6719 MT= 73 (n, n') Level 67-Ho-163  
 Cross Section 0.000 To 129.3 %



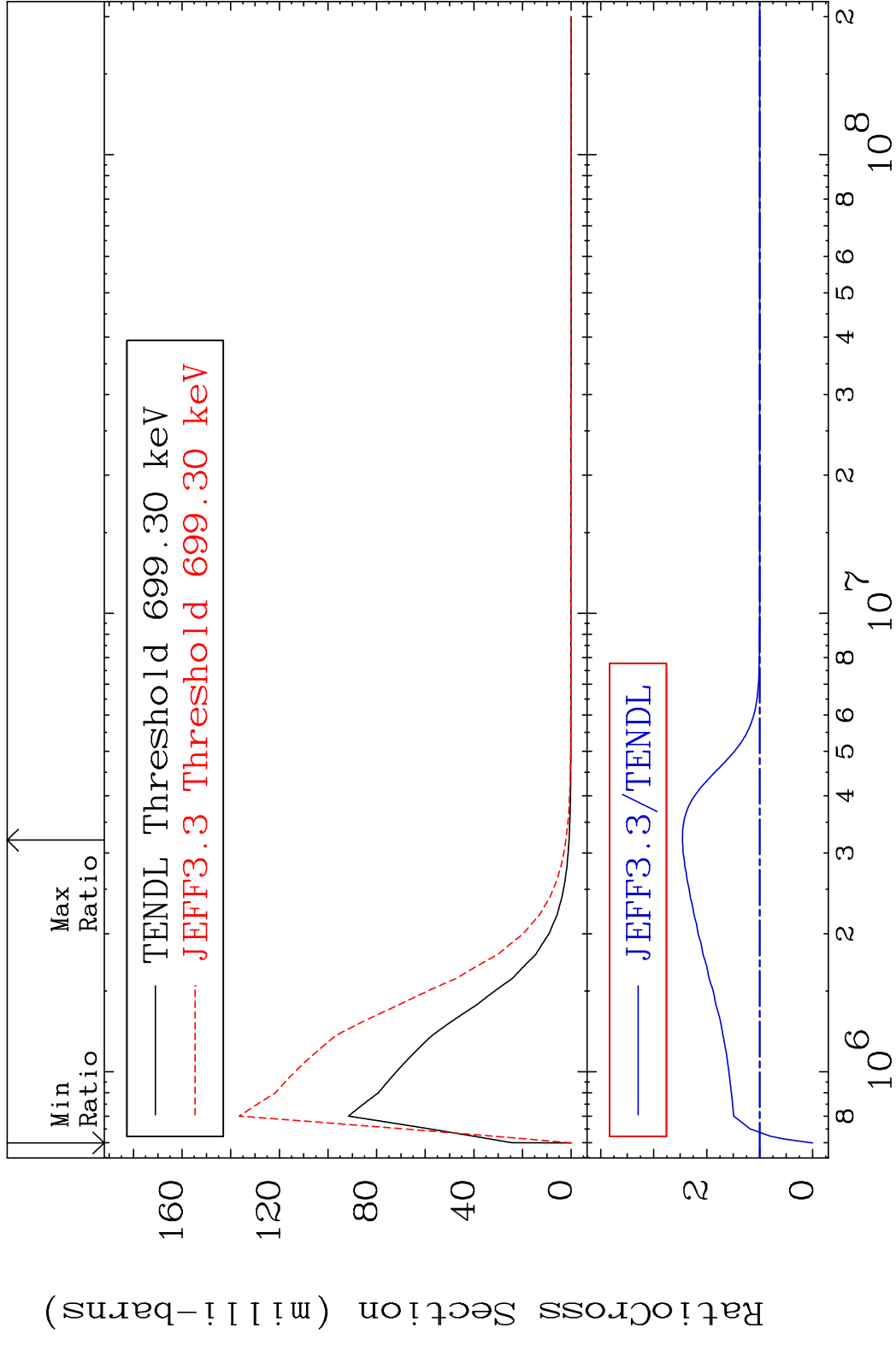
MAT 6719 MT= 74 (n, n') Level 67-Ho-163  
 Cross Section 0.000 To 135.6 %



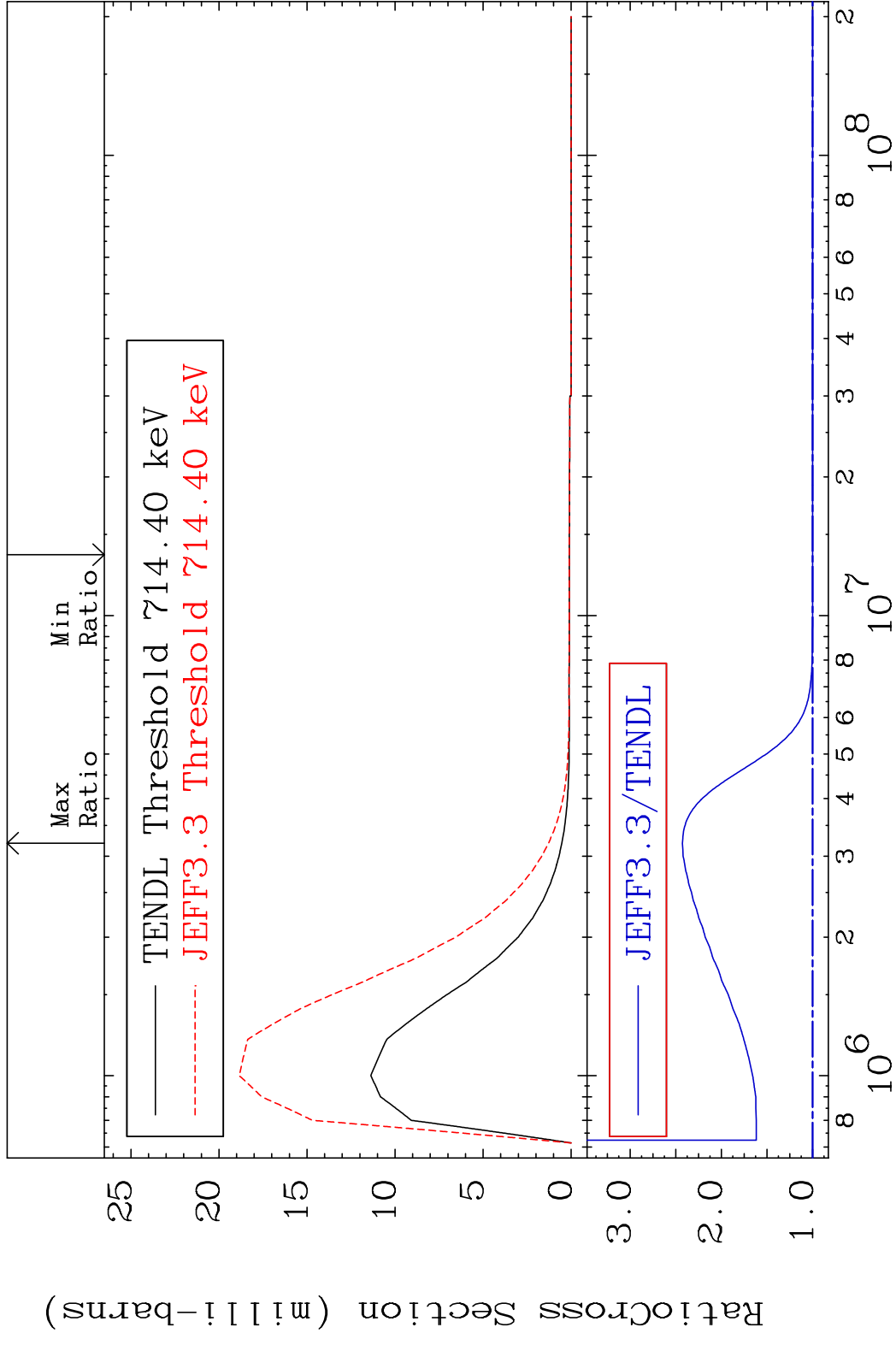
MAT 6719 MT= 75 (n, n') Level 67-Ho-163  
 Cross Section 0.000 To 139.1 %



MAT 6719 MT= 76 (n,n') Level 67-Ho-163  
 Cross Section -100.0 To 146.0 %

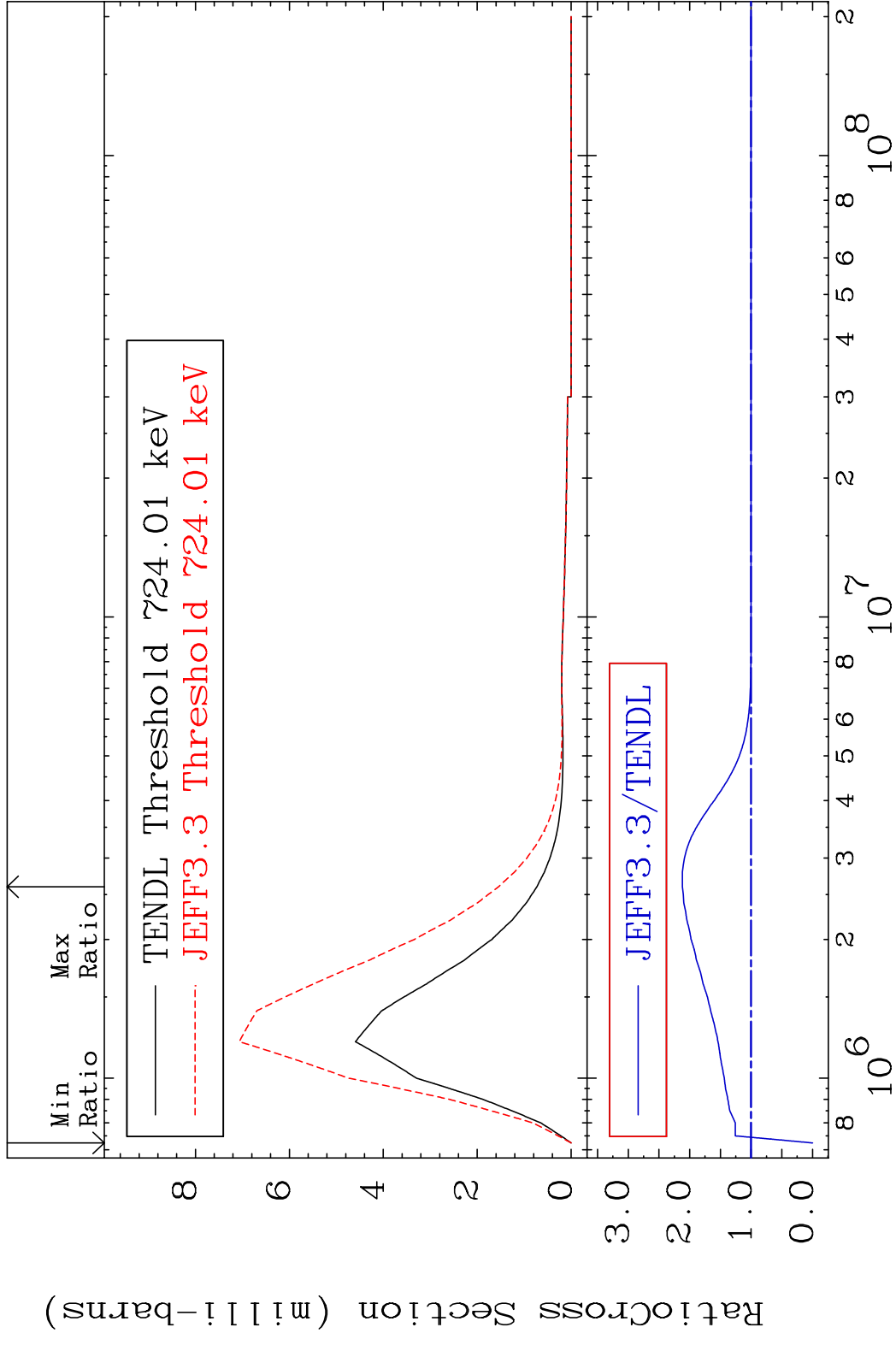


MAT 6719 MT= 77 (n, n') Level 67-Ho-163  
 Cross Section 0.000 To 142.8 %



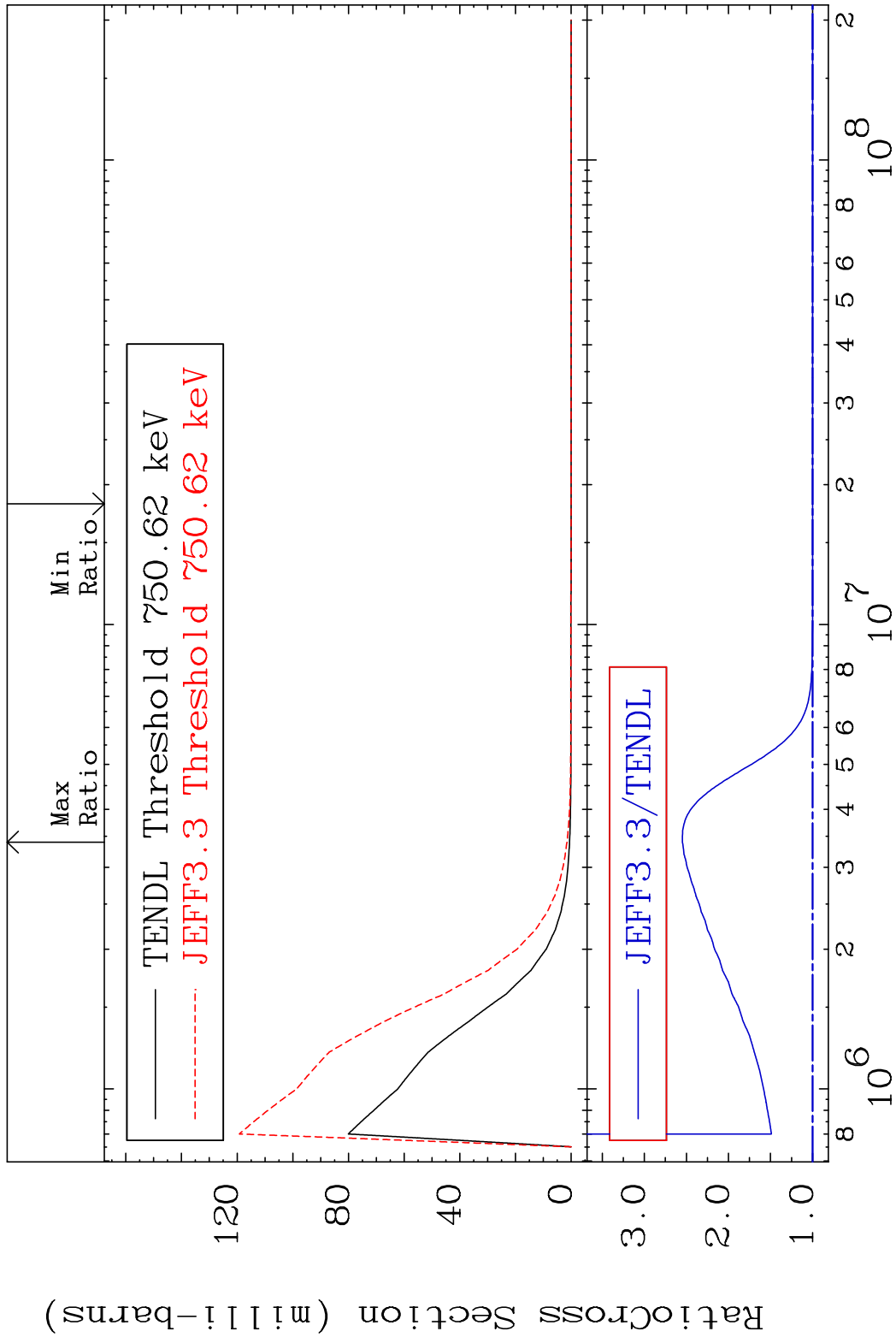
45 Incident Energy (eV) 67-Ho-163

MAT 6719 MT= 78 (n, n') Level 67-Ho-163  
 Cross Section -100.0 To 112.0 %



46 Incident Energy (eV) 67-Ho-163

MAT 6719 MT= 79 (n, n') Level 67-Ho-163  
 Cross Section 0.000 To 154.8 %



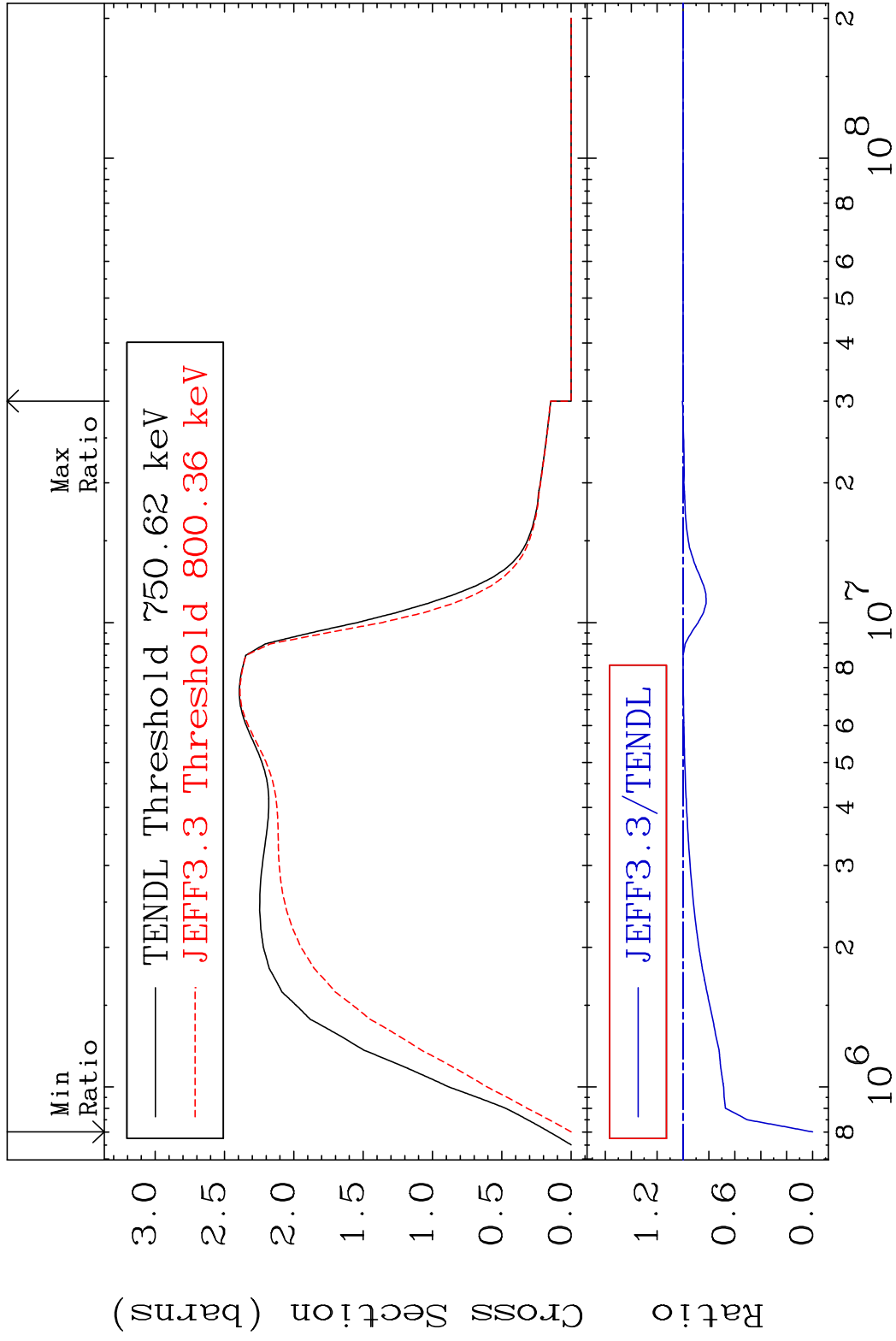


MAT 6719

(n, n') Continuum

67-Ho-163

Cross Section -100.0 To 0.531 %



48

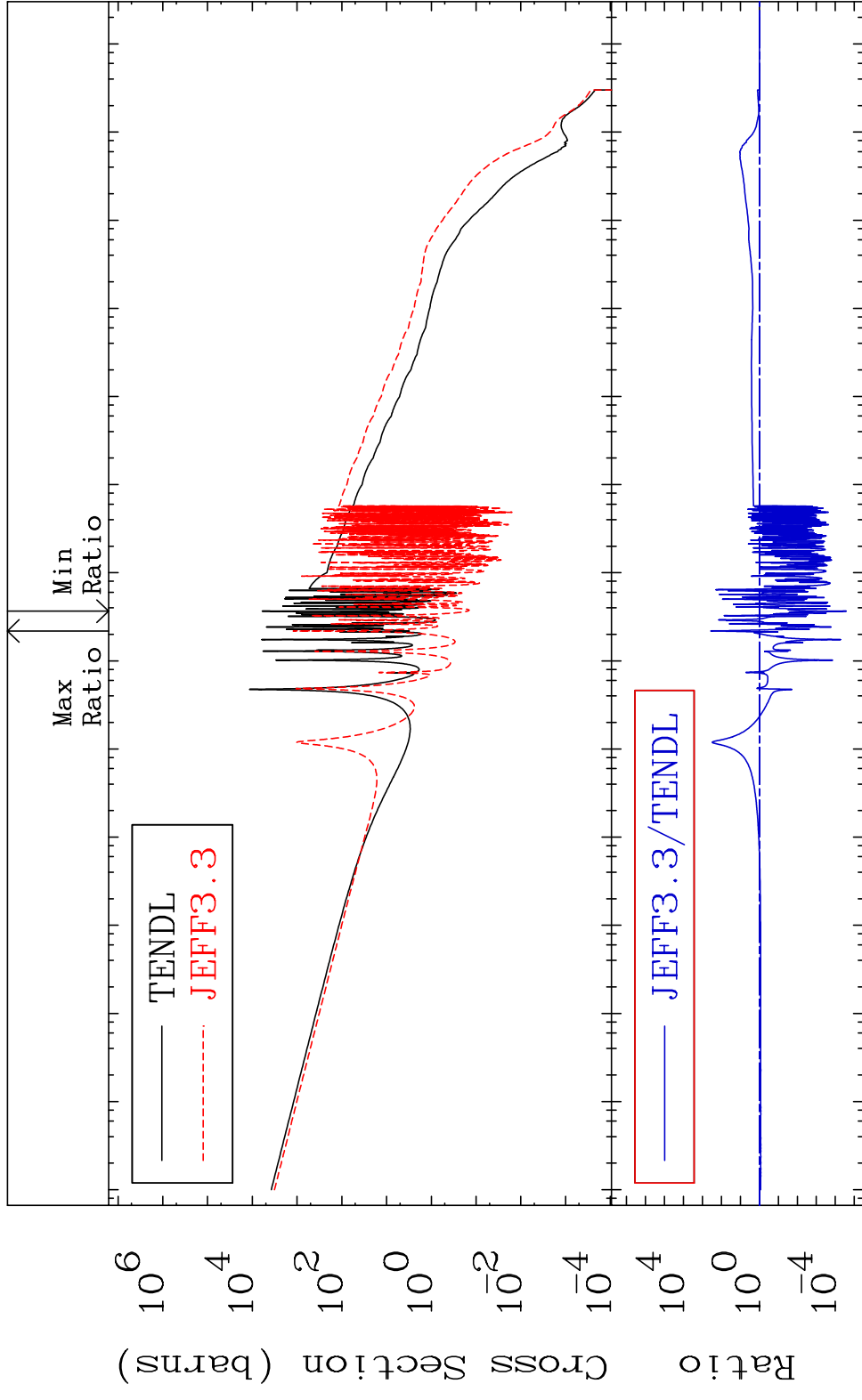
Incident Energy (eV)

67-Ho-163

MAT 6719

(n,  $\gamma$ )  
Cross Section -100.0 To 9999. %

67-Ho-163



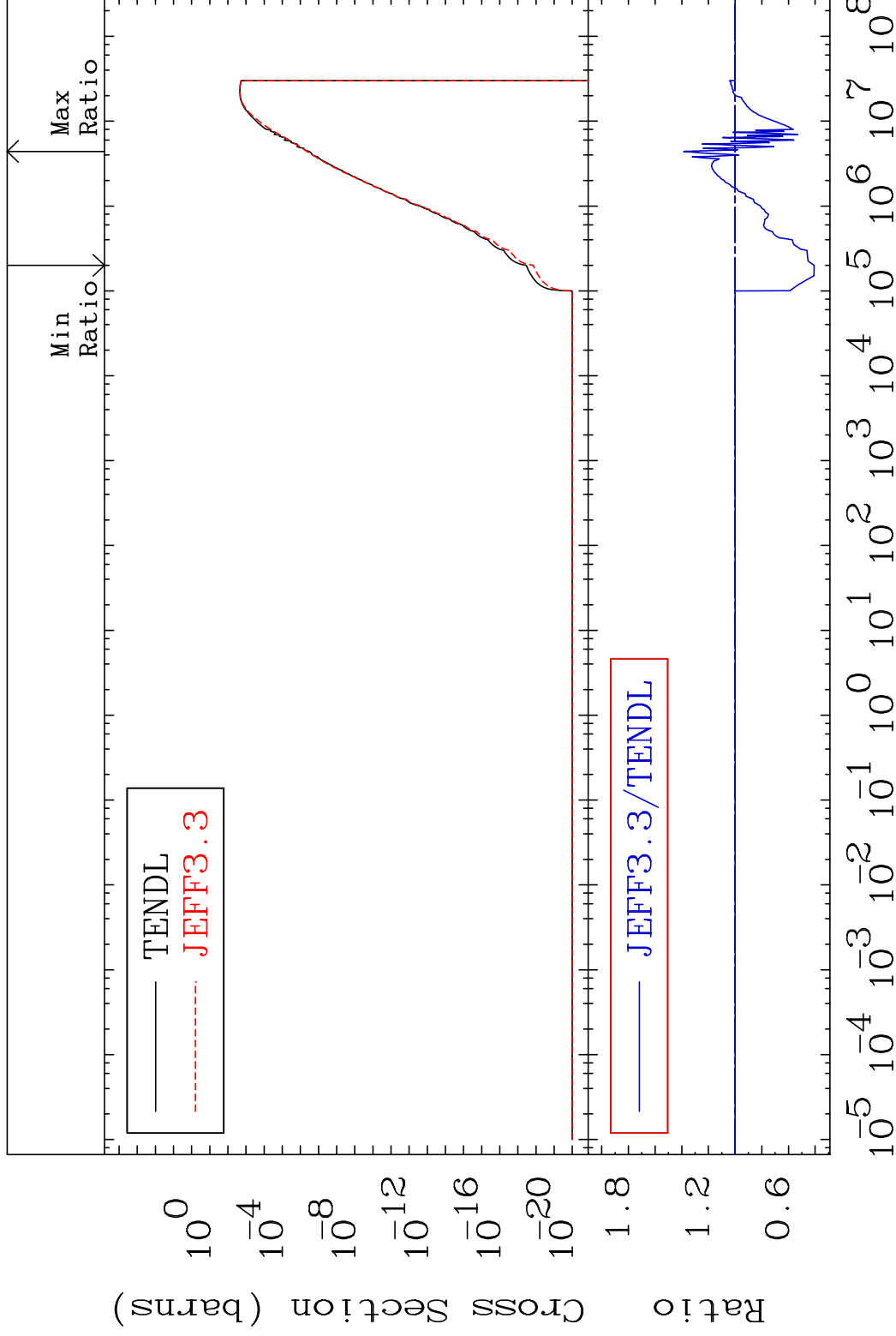
MAT 6719

(n, p)

67-Ho-163

Cross Section

-59.21 To 38.57 %

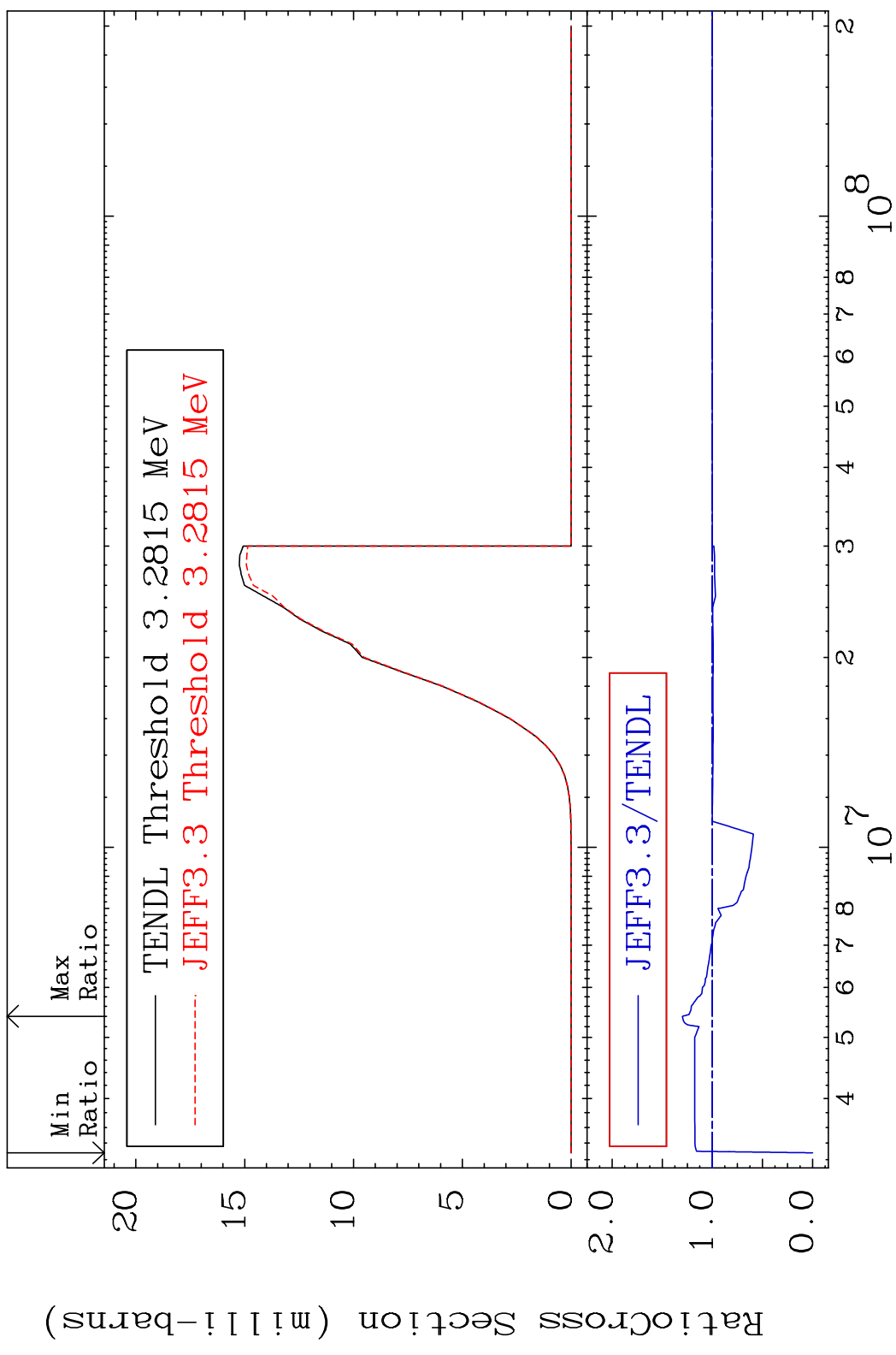


50

Incident Energy (eV)

67-Ho-163

Cross Section -100.0 To 29.94 %

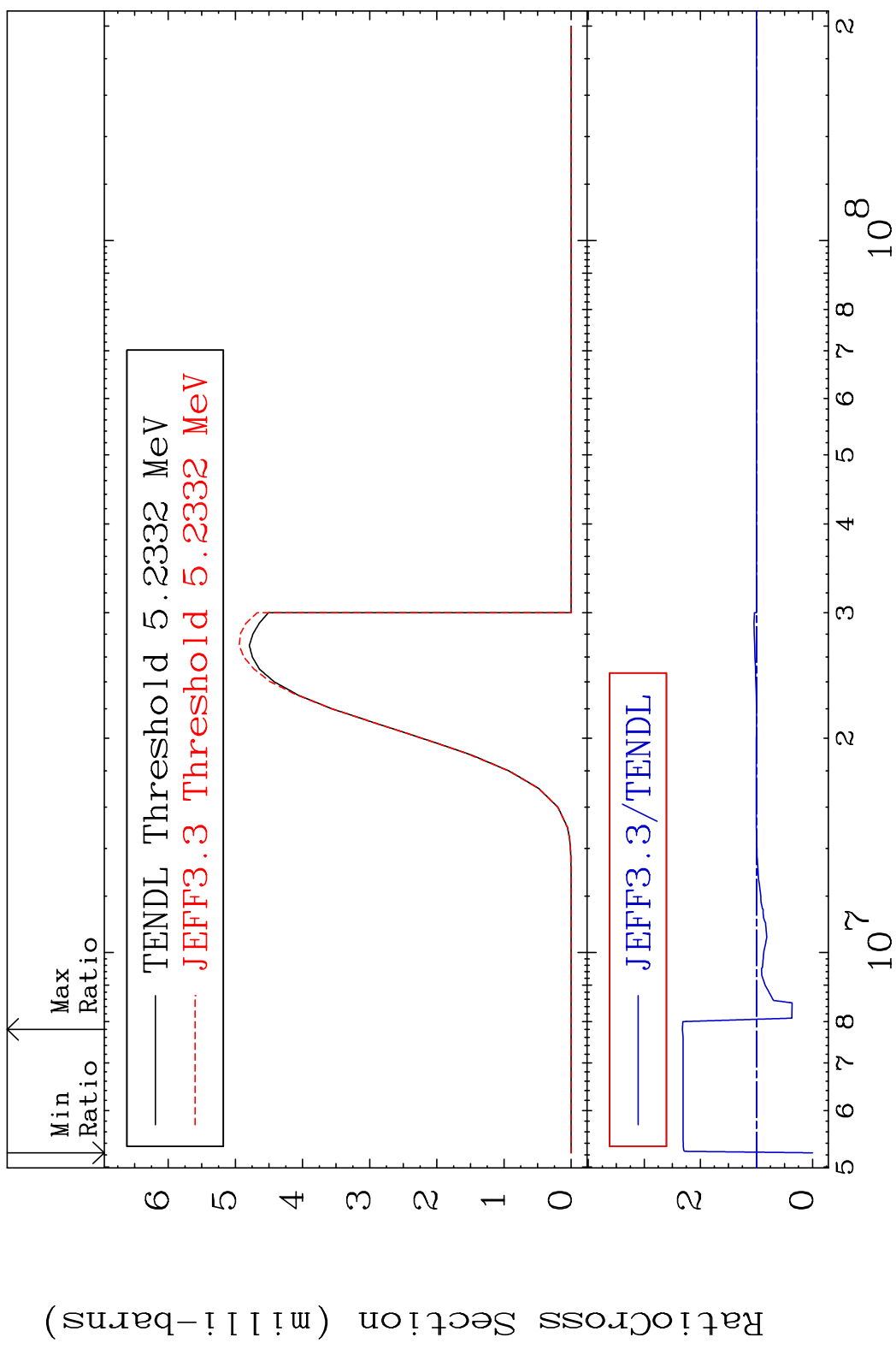


MAT 6719

(n, t)

67-Ho-163

Cross Section -100.0 To 132.2 %

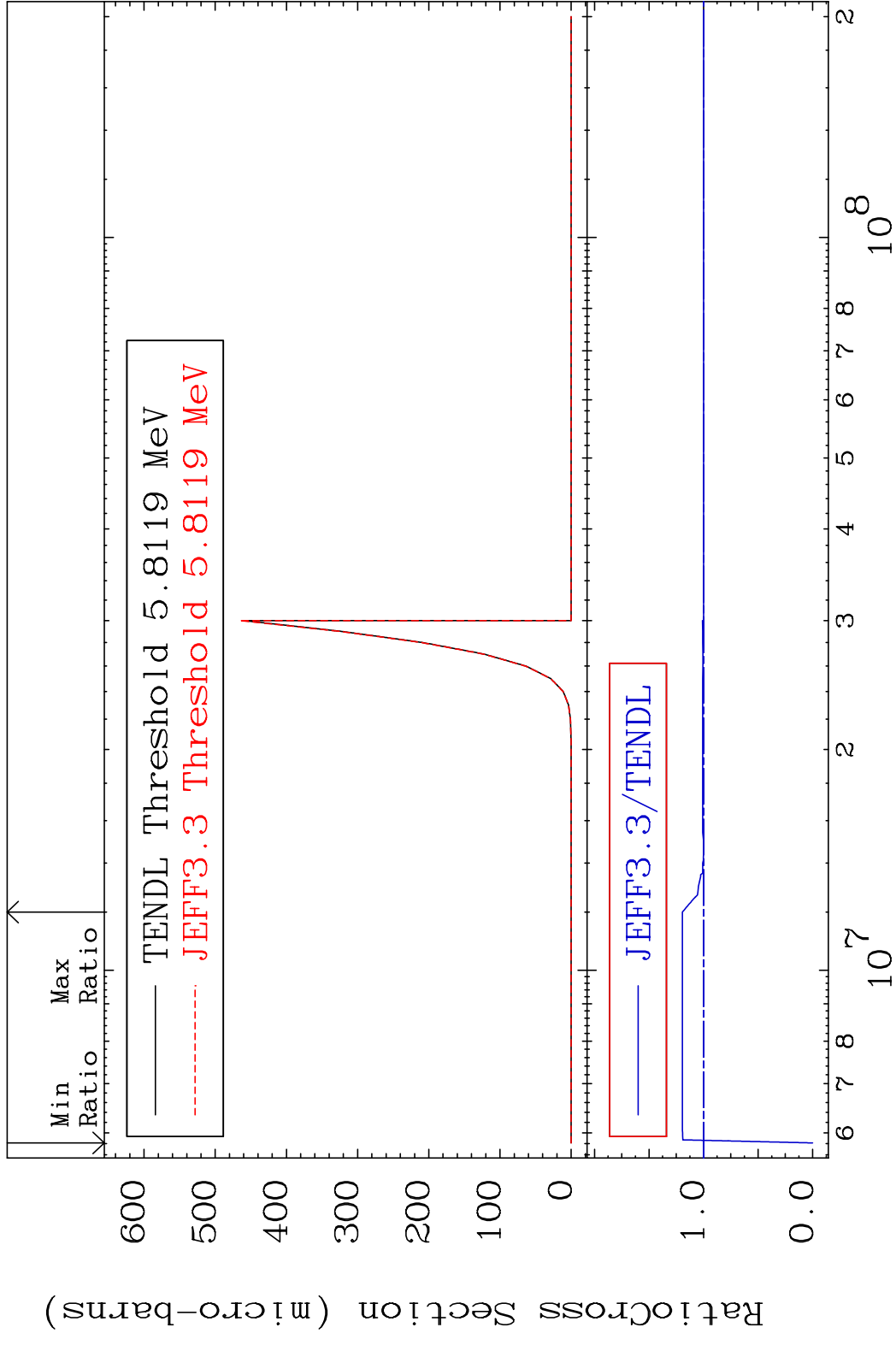


MAT 6719

(n, He-3)

67-Ho-163

Cross Section -100.0 To 19.43 %

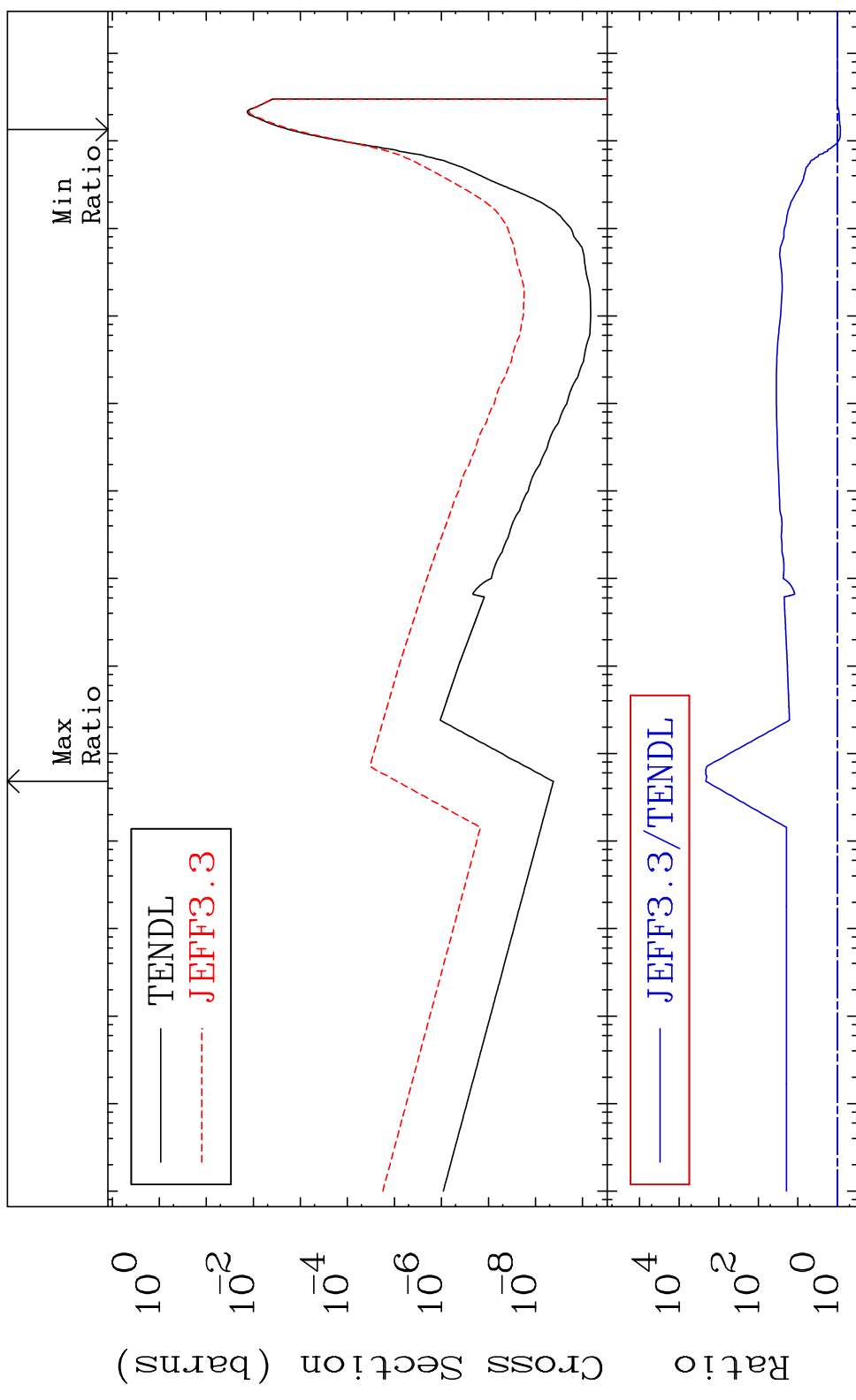


MAT 6719

(n,  $\alpha$ )

67-Ho-163

Cross Section -16.02 To 9999. %

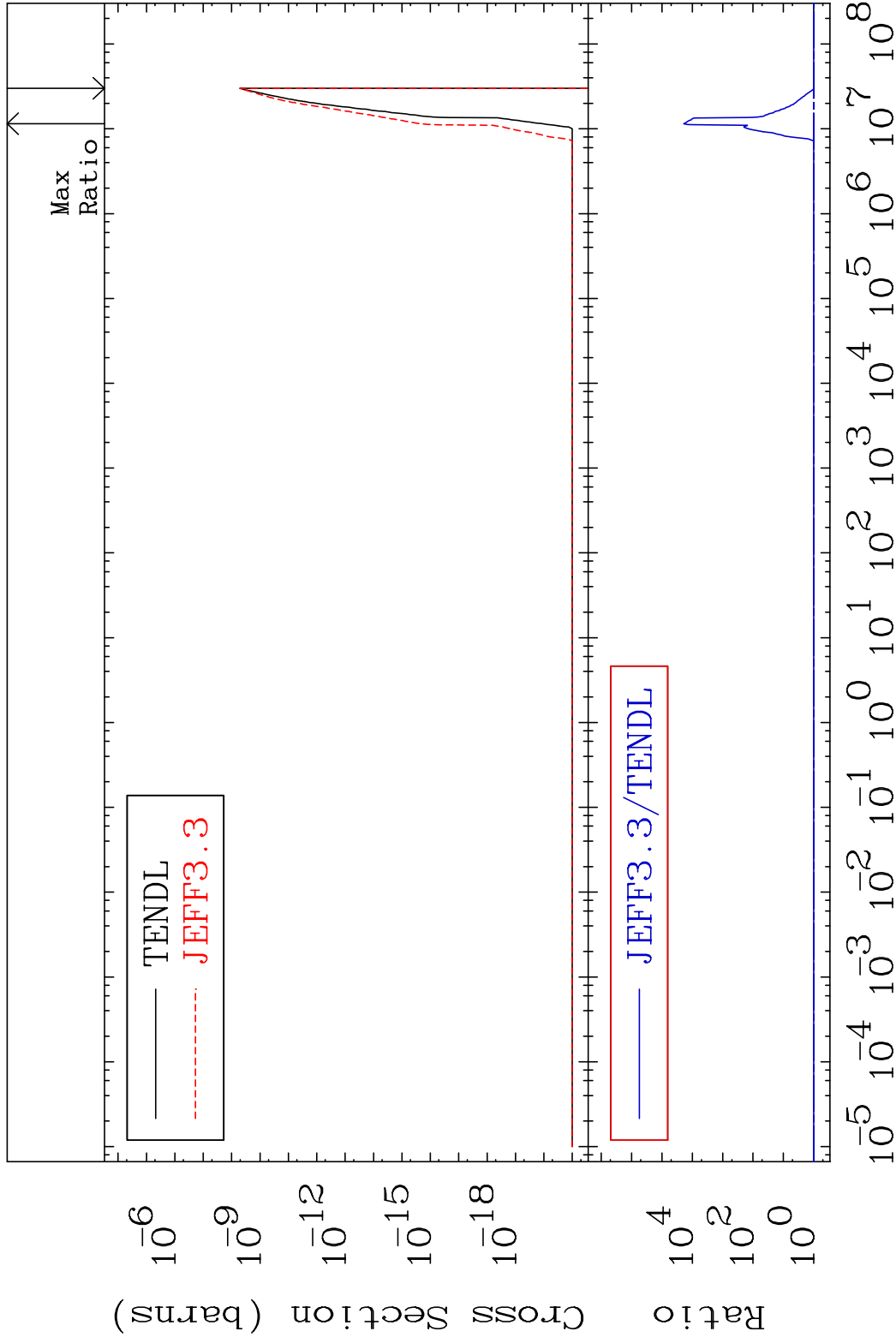


MAT 6719

(n, 2α)

67-Ho-163

Cross Section -2.848 To 9999. %



55

Incident Energy (eV)

67-Ho-163

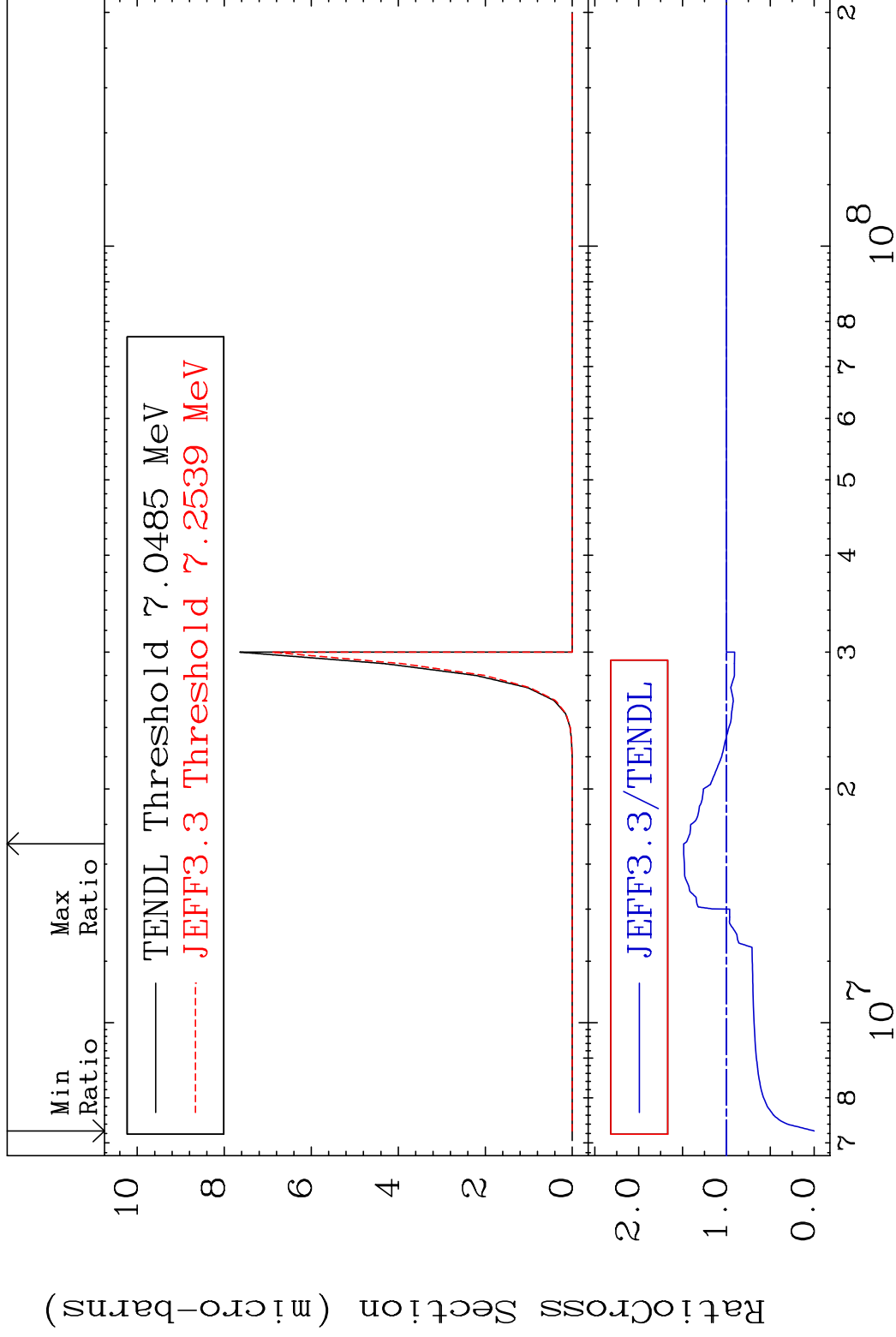


MAT 6719

(n,2p)

67-Ho-163

Cross Section -100.0 To 48.65 %



56

Incident Energy (eV)

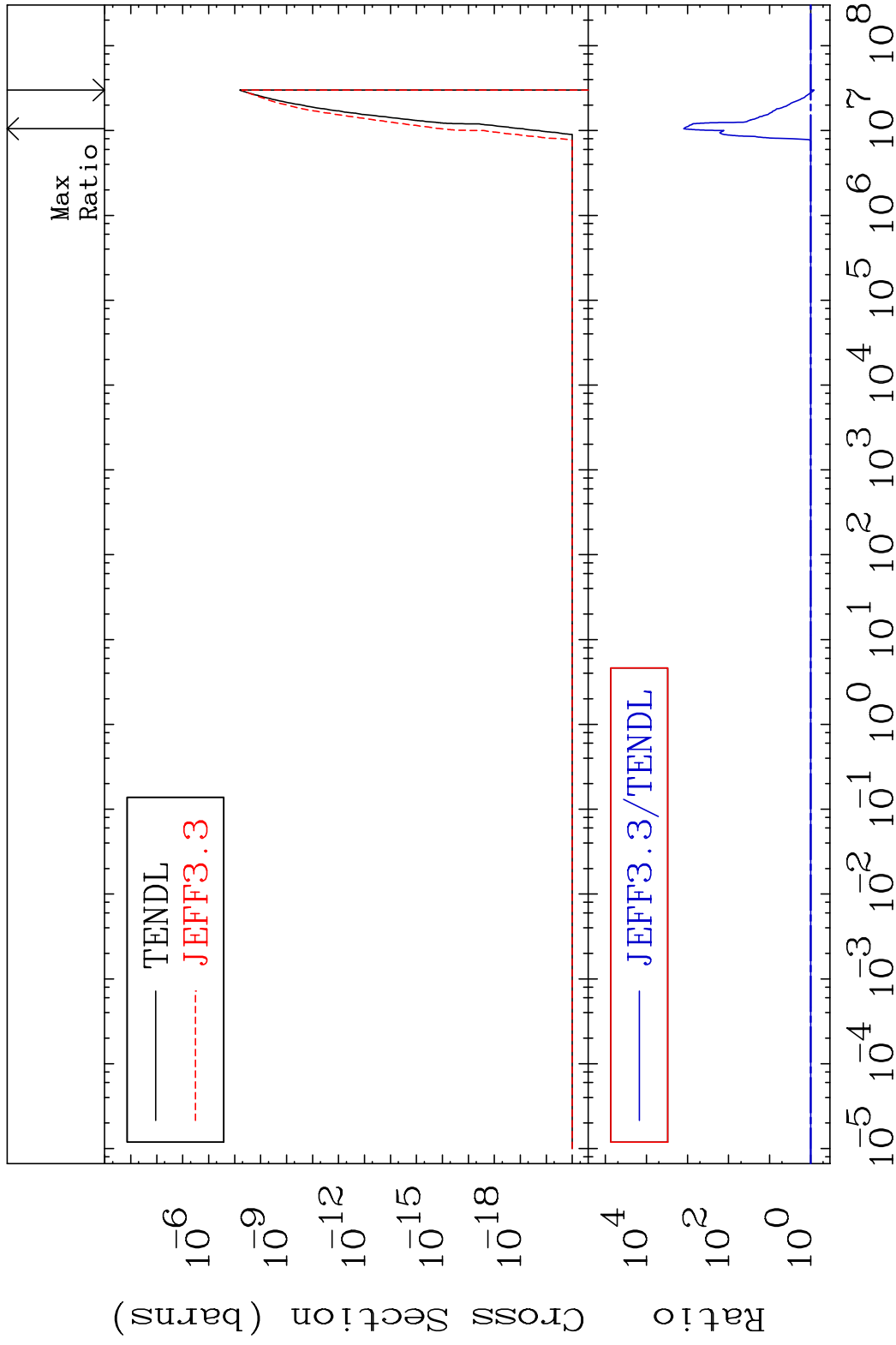
67-Ho-163

MAT 6719

(n,p)  $\alpha$

67-Ho-163

Cross Section -17.49 To 9999. %



57

Incident Energy (eV)

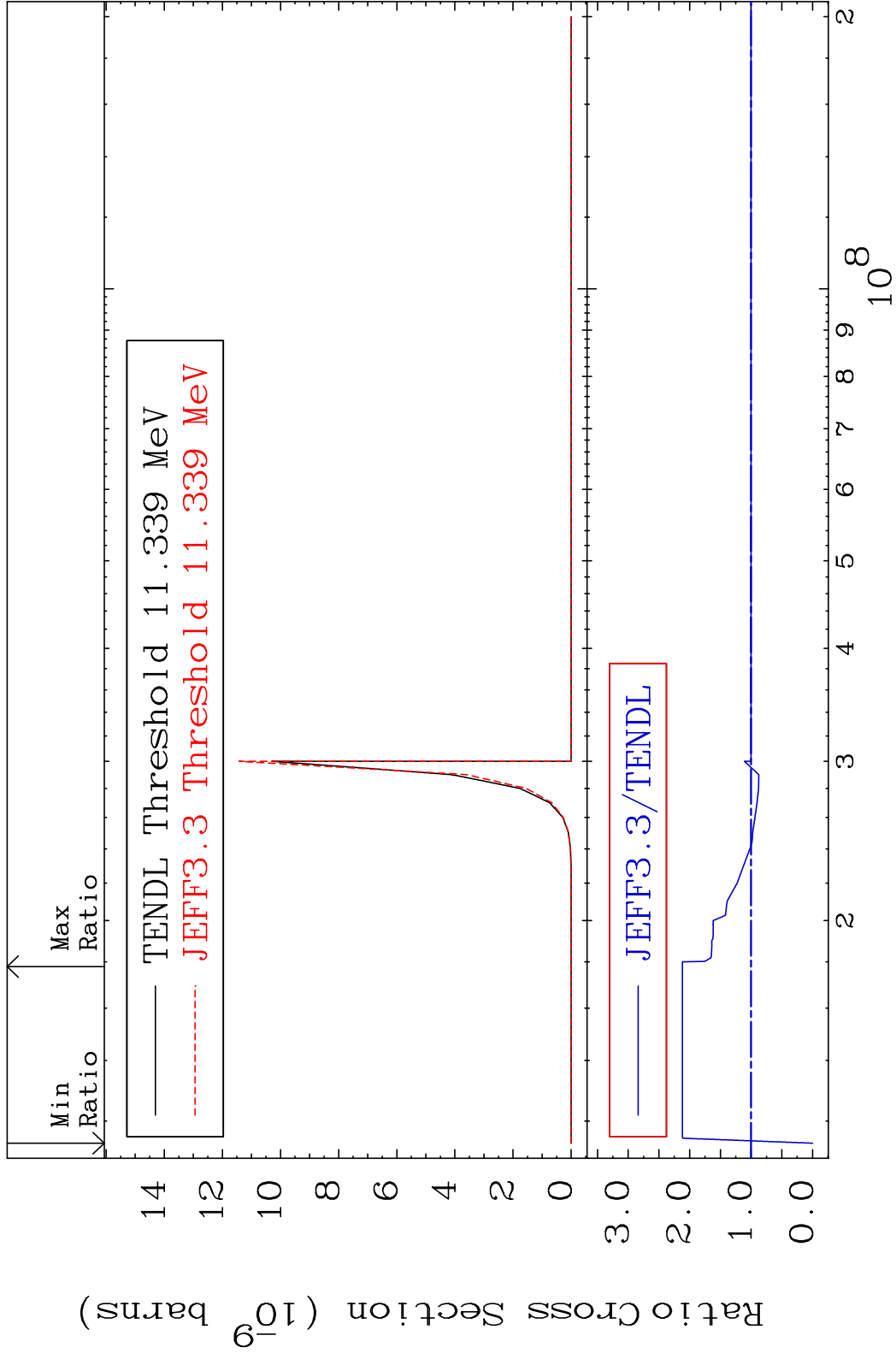
67-Ho-163

MAT 6719

(n,p) d

67-Ho-163

Cross Section -100.0 To 111.9 %

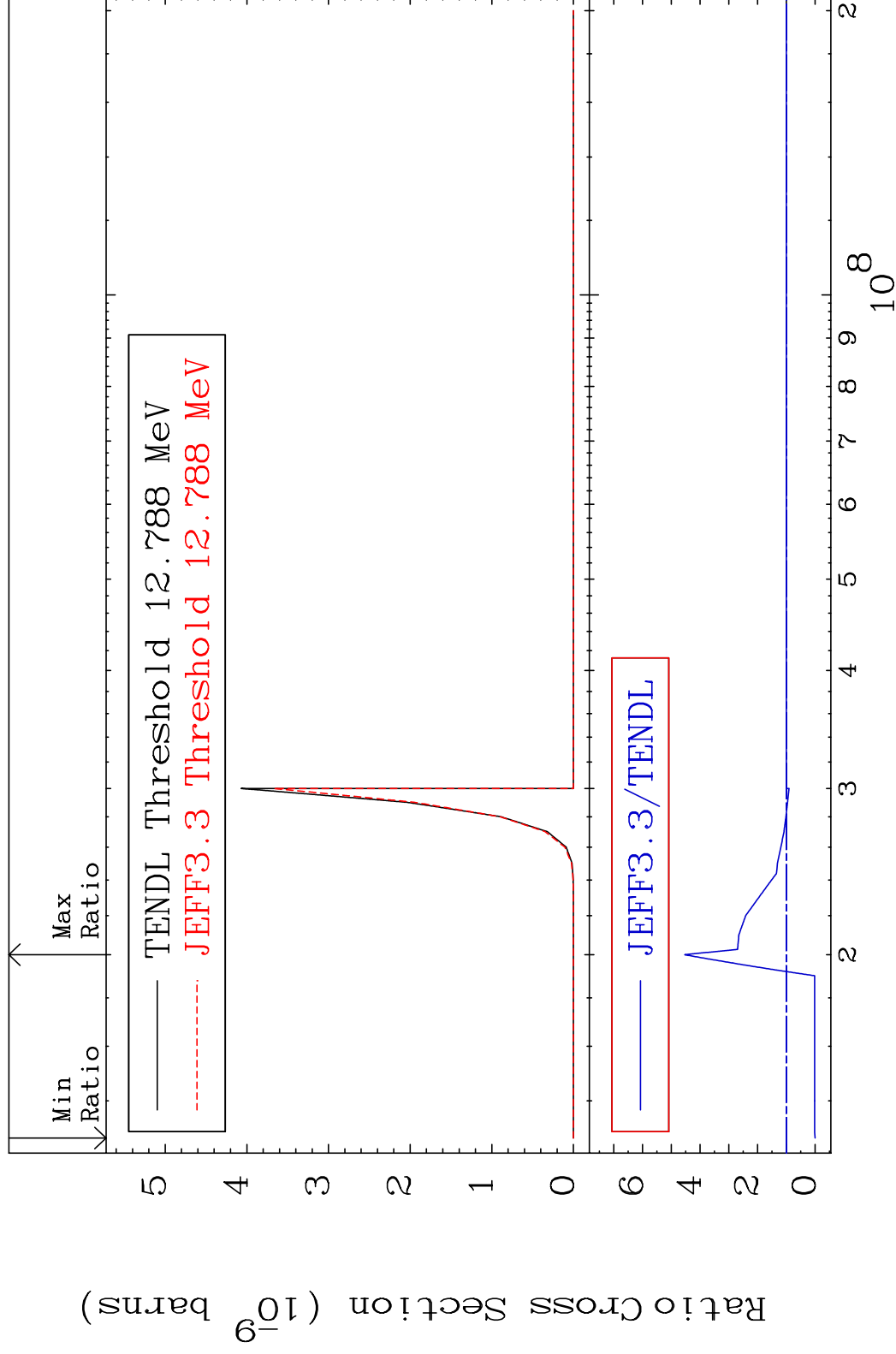


MAT 6719

(n,p) t

67-Ho-163

Cross Section -100.0 To 353.1 %



59

Incident Energy (eV)

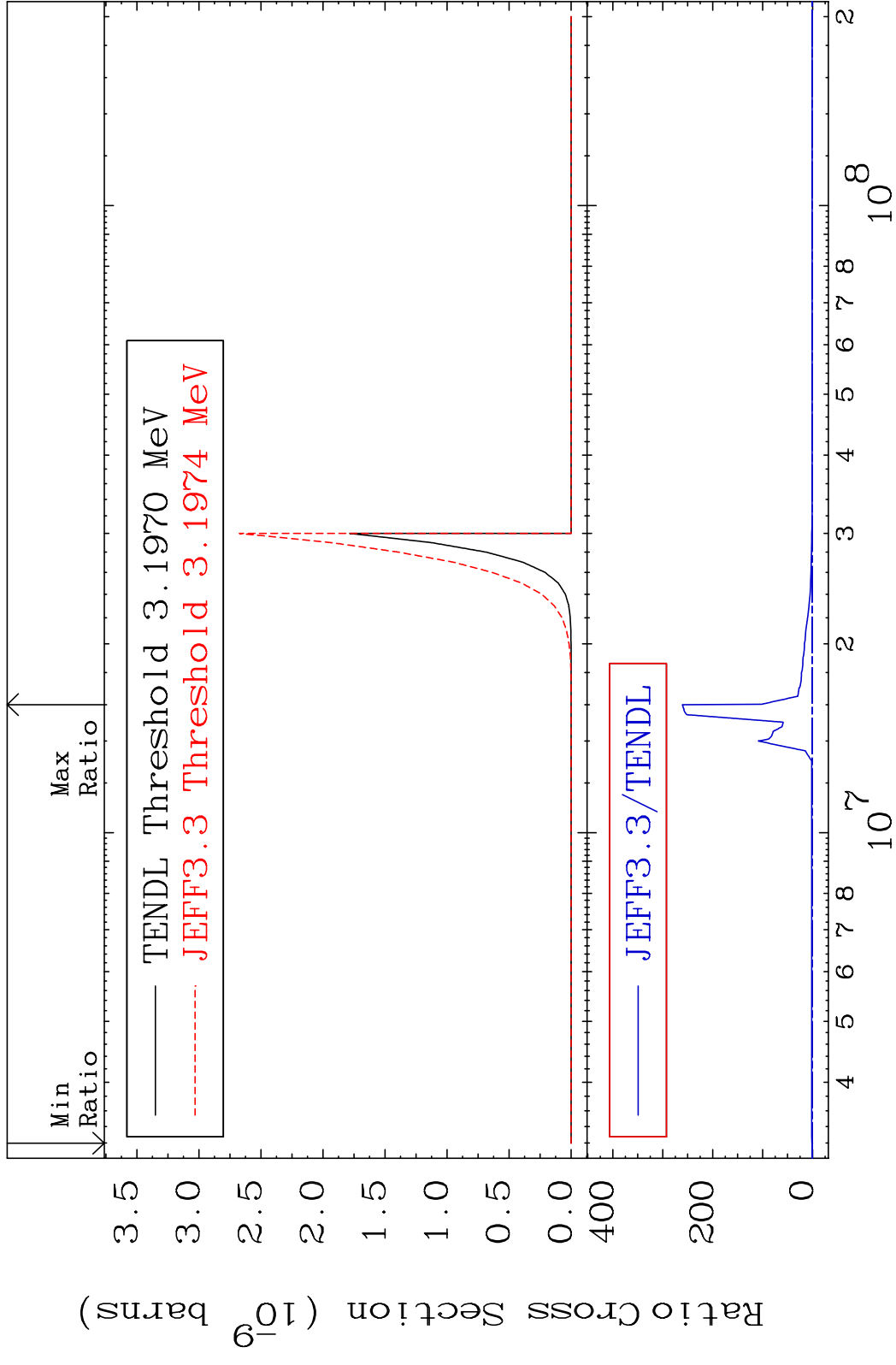
67-Ho-163

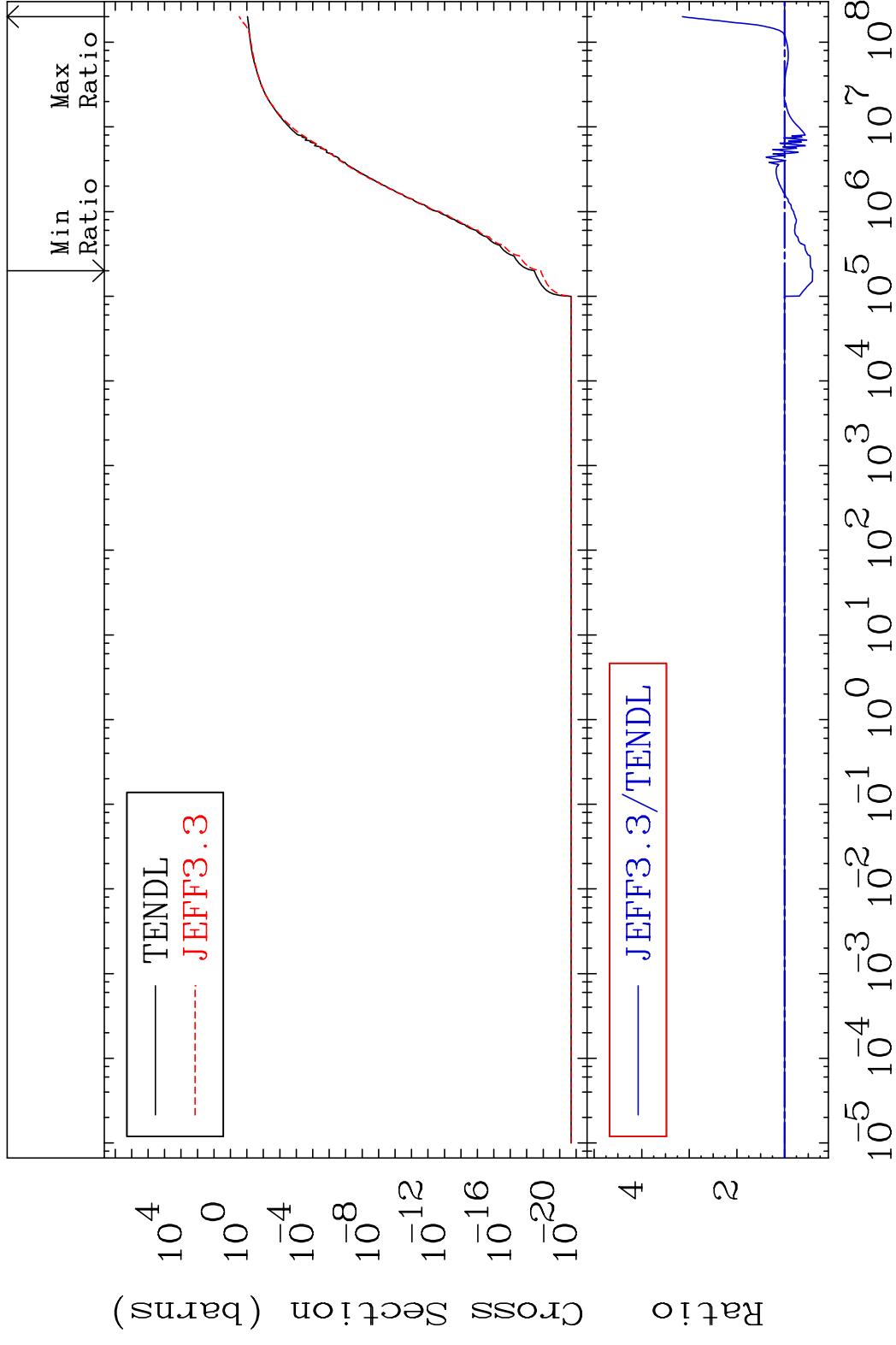
MAT 6719

67-Ho-163

(n,d)  $\alpha$

Cross Section -100.0 To 9999. %



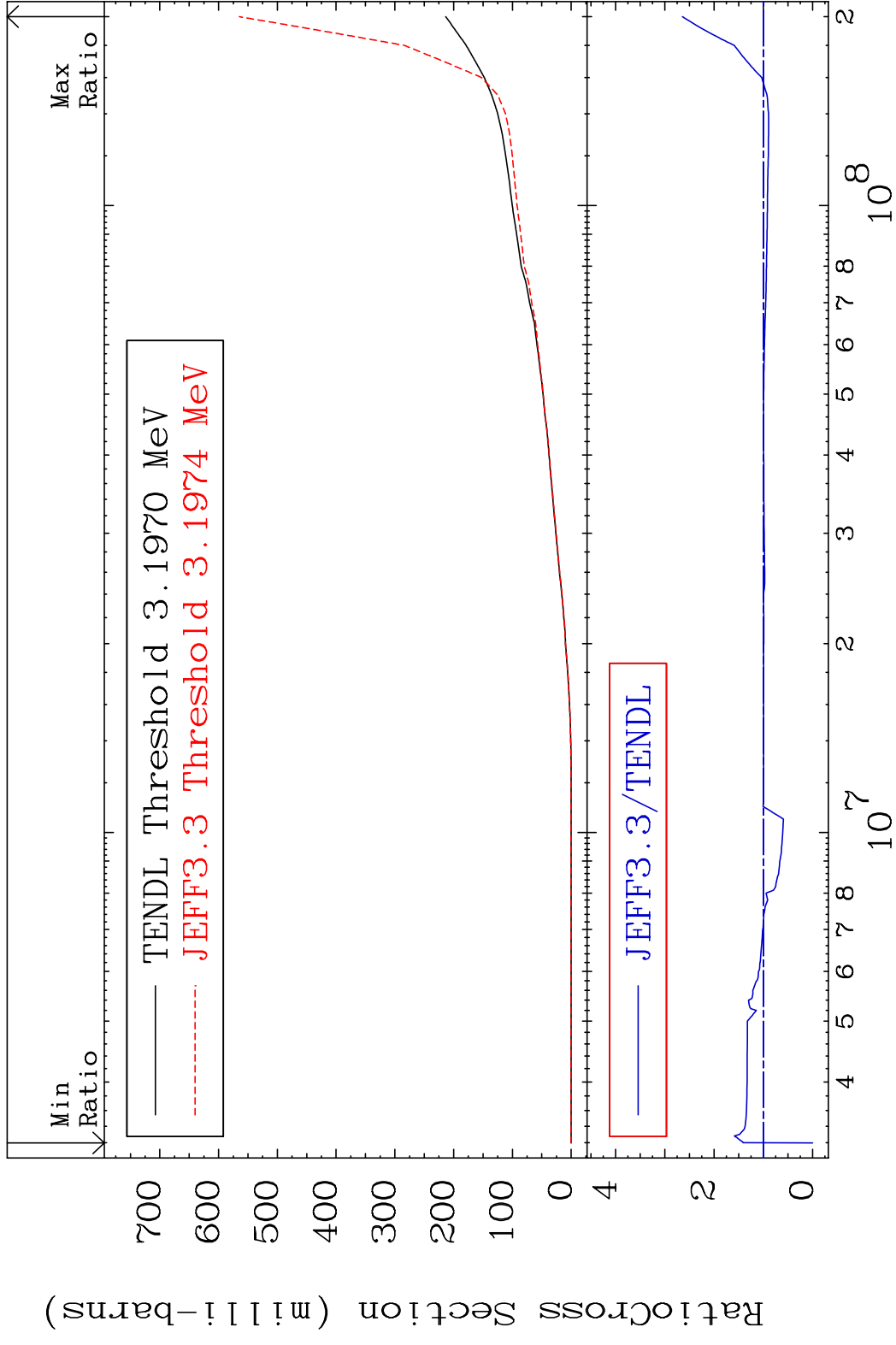


MAT 6719

Deuterium Production

67-Ho-163

Cross Section -100.0 To 164.4 %

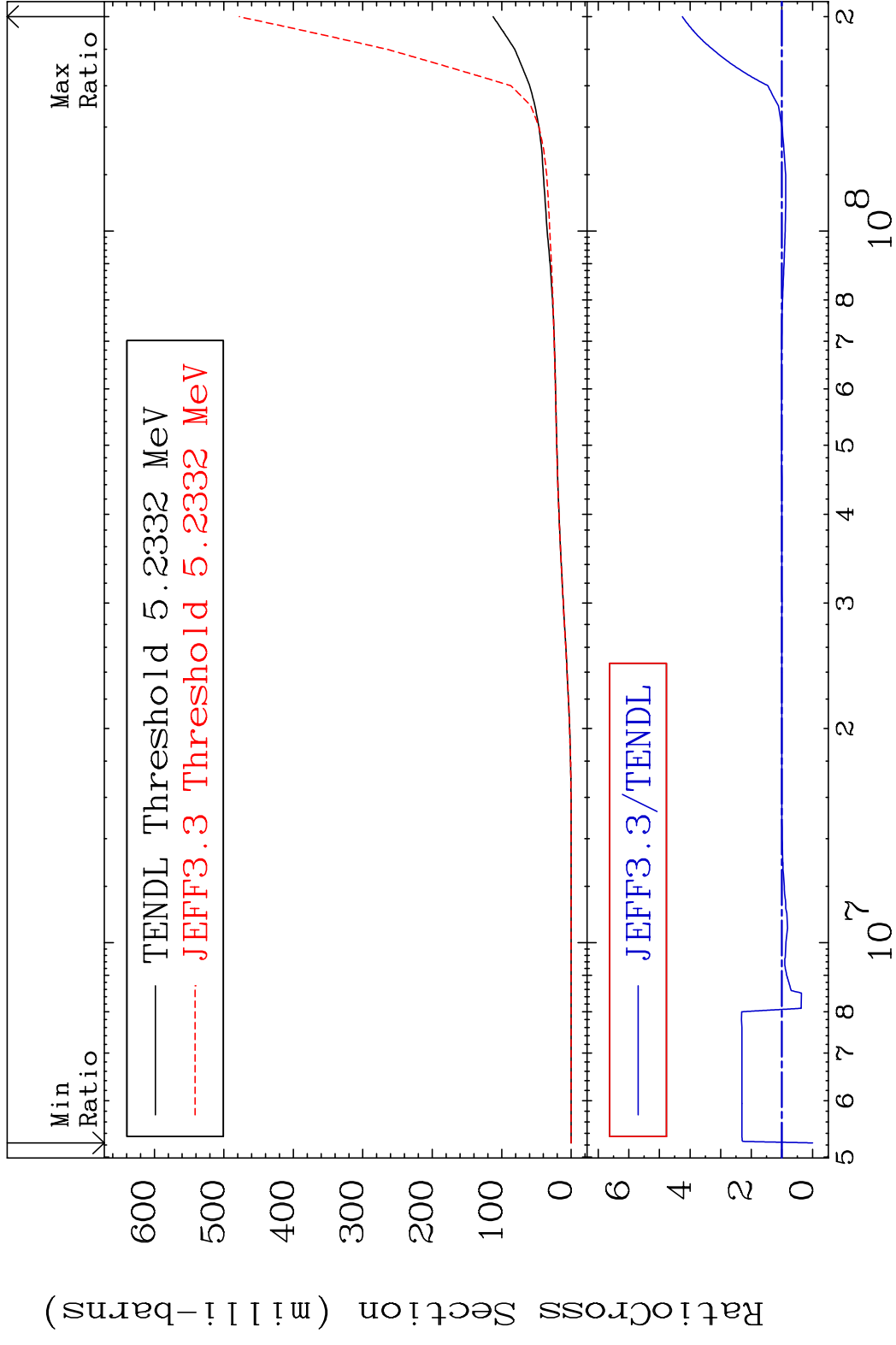


MAT 6719

Tritium Production

67-Ho-163

Cross Section -100.0 To 325.1 %



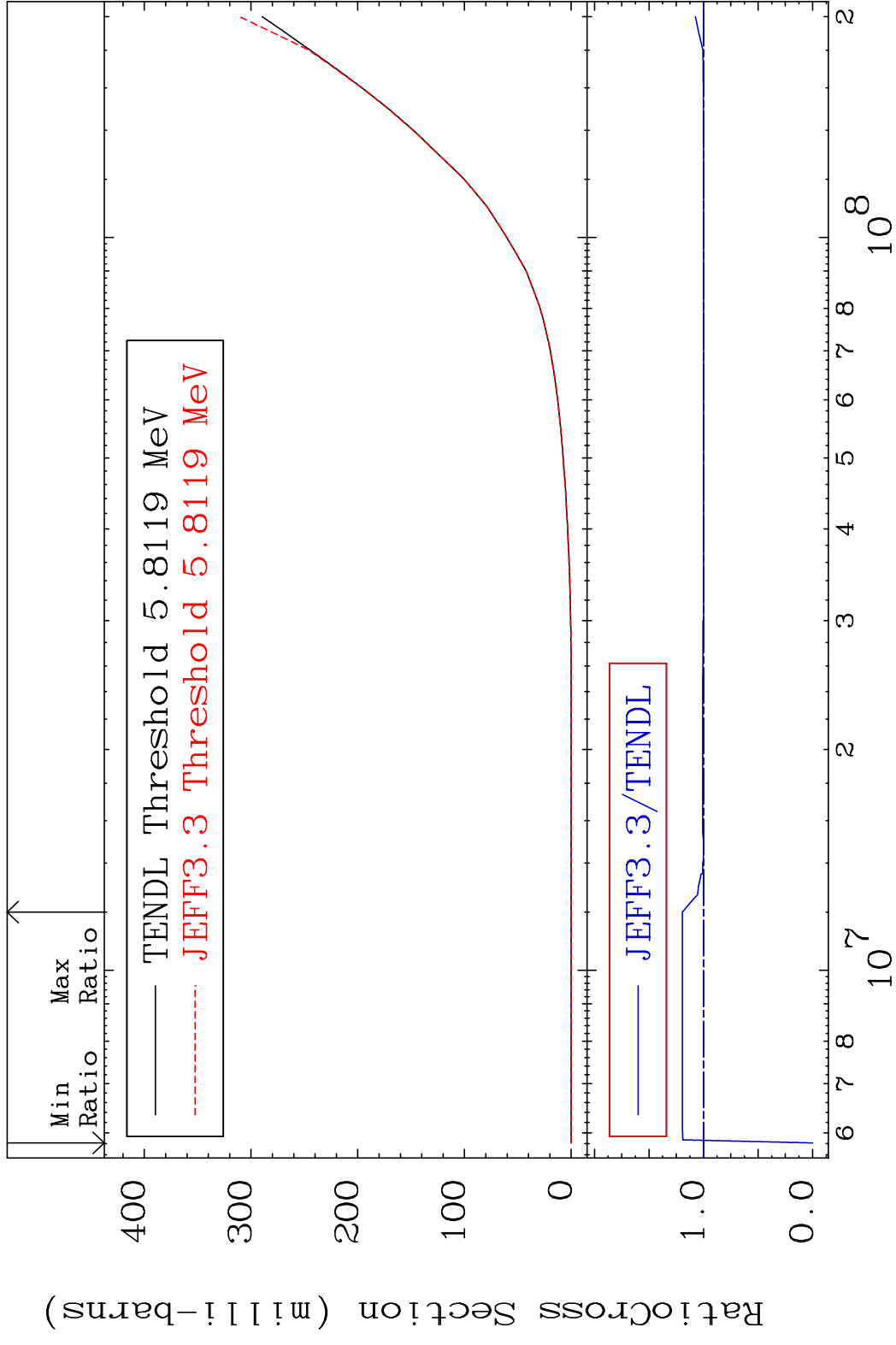
63

Incident Energy (eV)

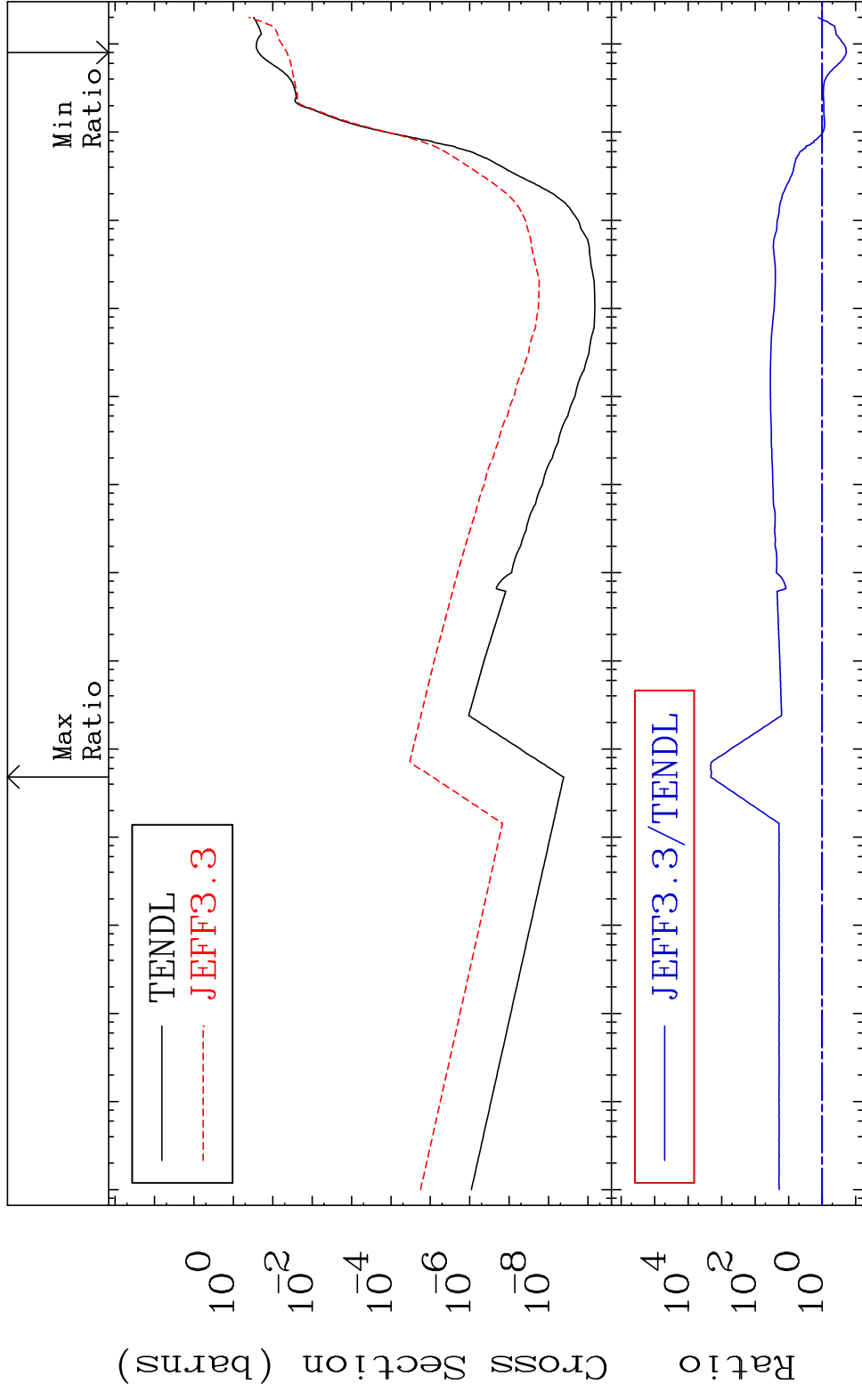
67-Ho-163



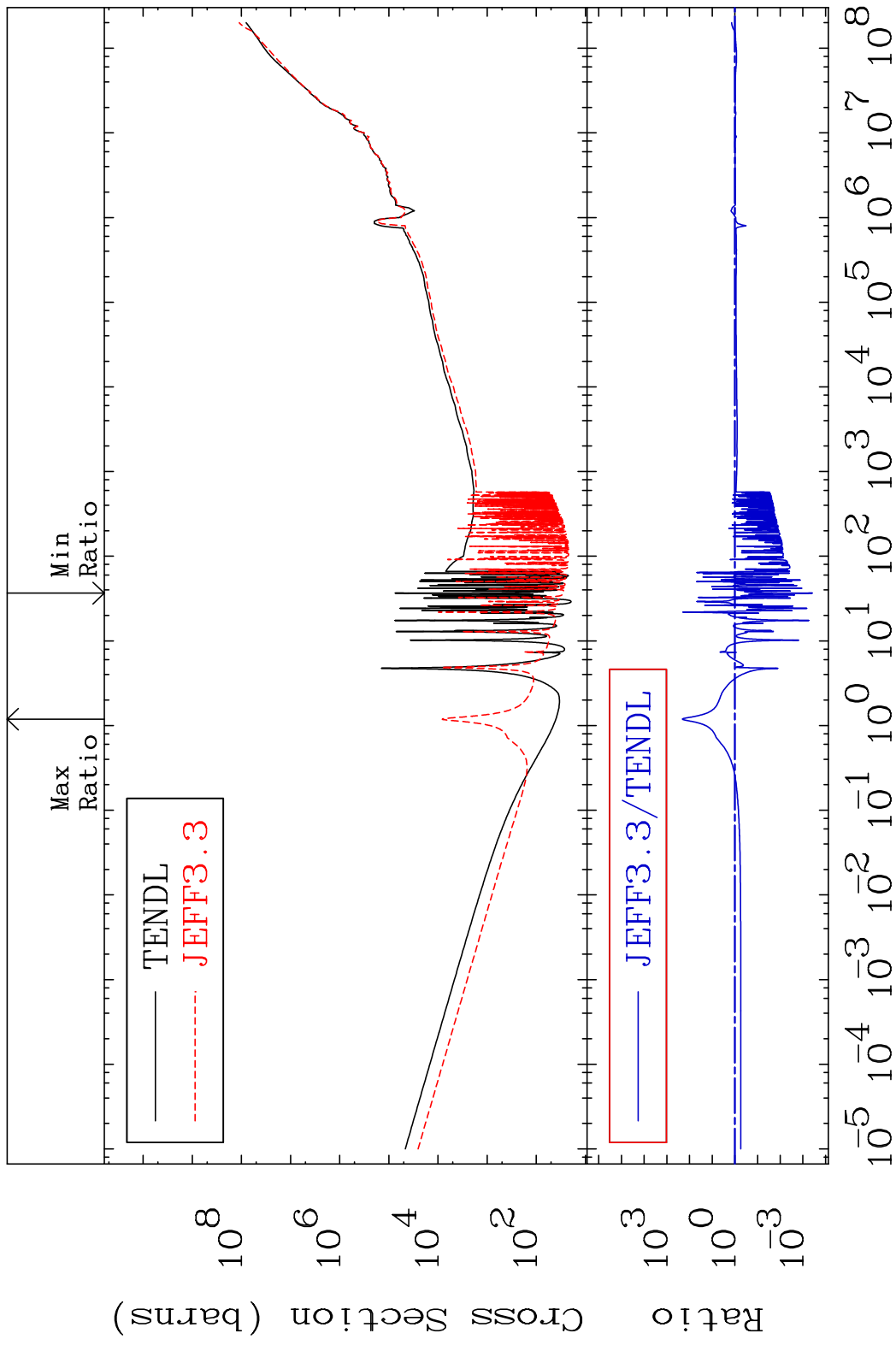
Cross Section -100.0 To 19.43 %



MAT 6719 He-4 Production 67-Ho-163  
 Cross Section -81.00 To 9999. %



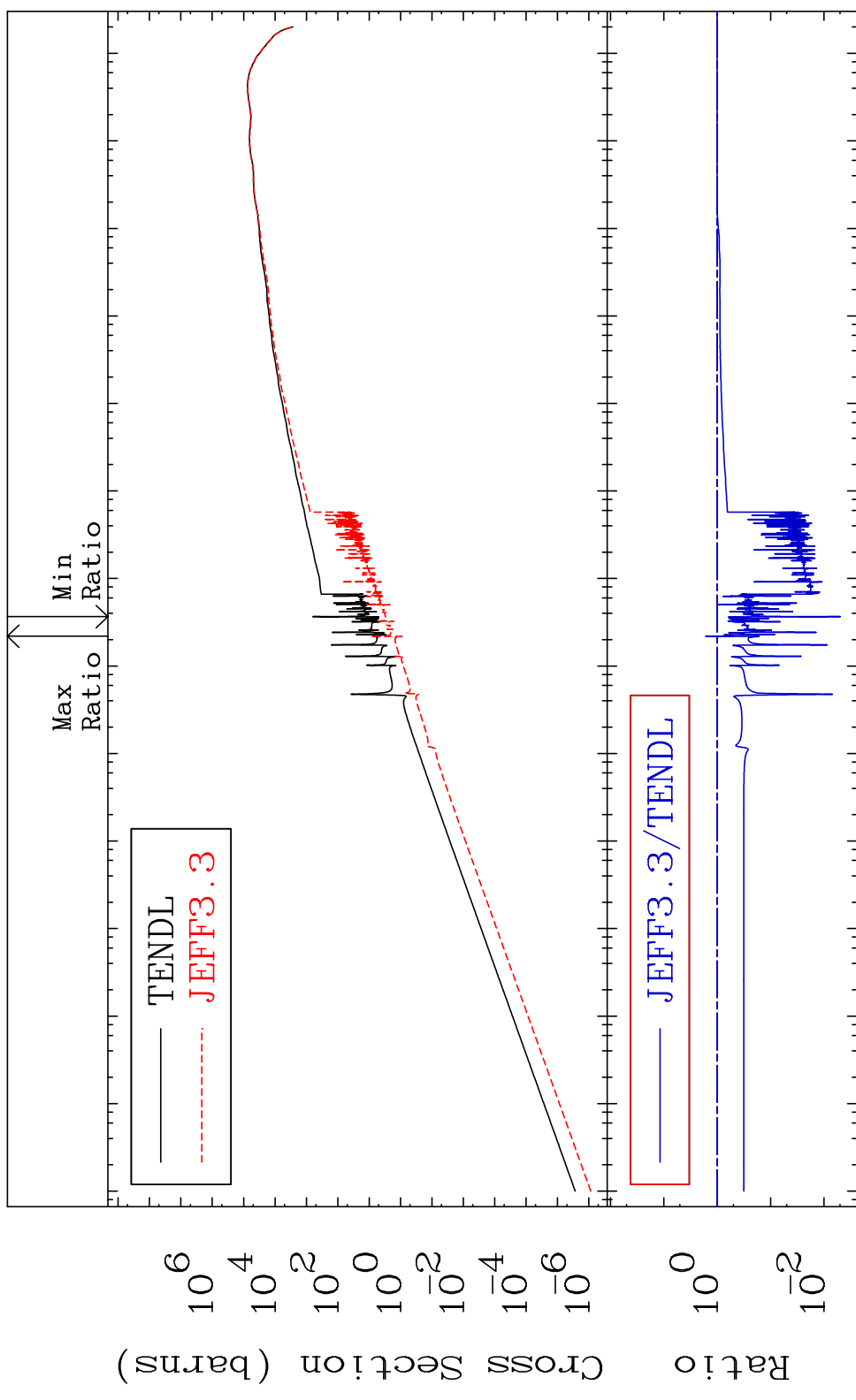
MAT 6719 Kerma total (eV-barns) 67-Ho-163  
 Cross Section -99.96 To 9999. %



MAT 6719

Kerma elastic Cross Section -99.51 To 64.08 %

67-Ho-163



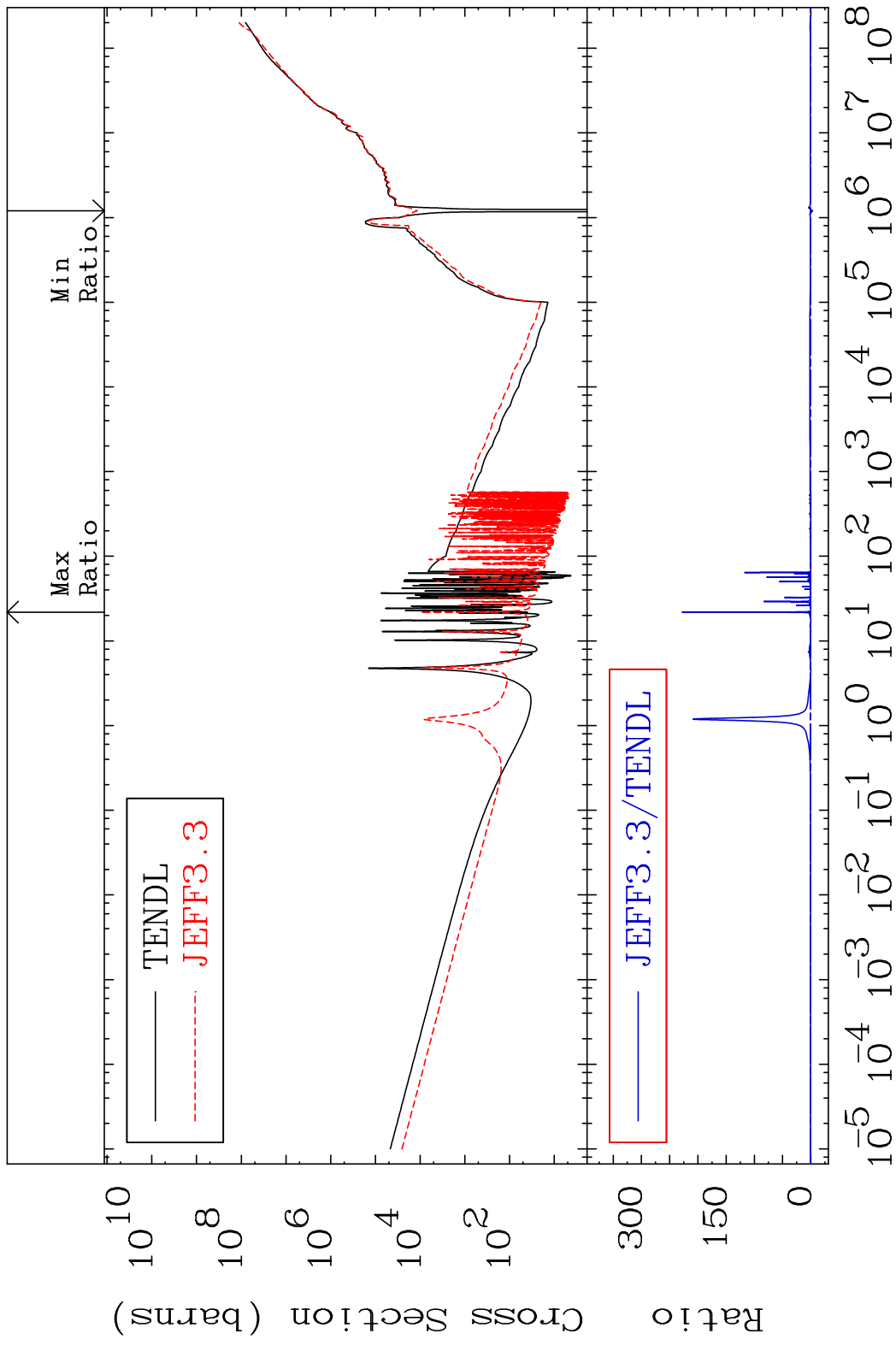
10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

67

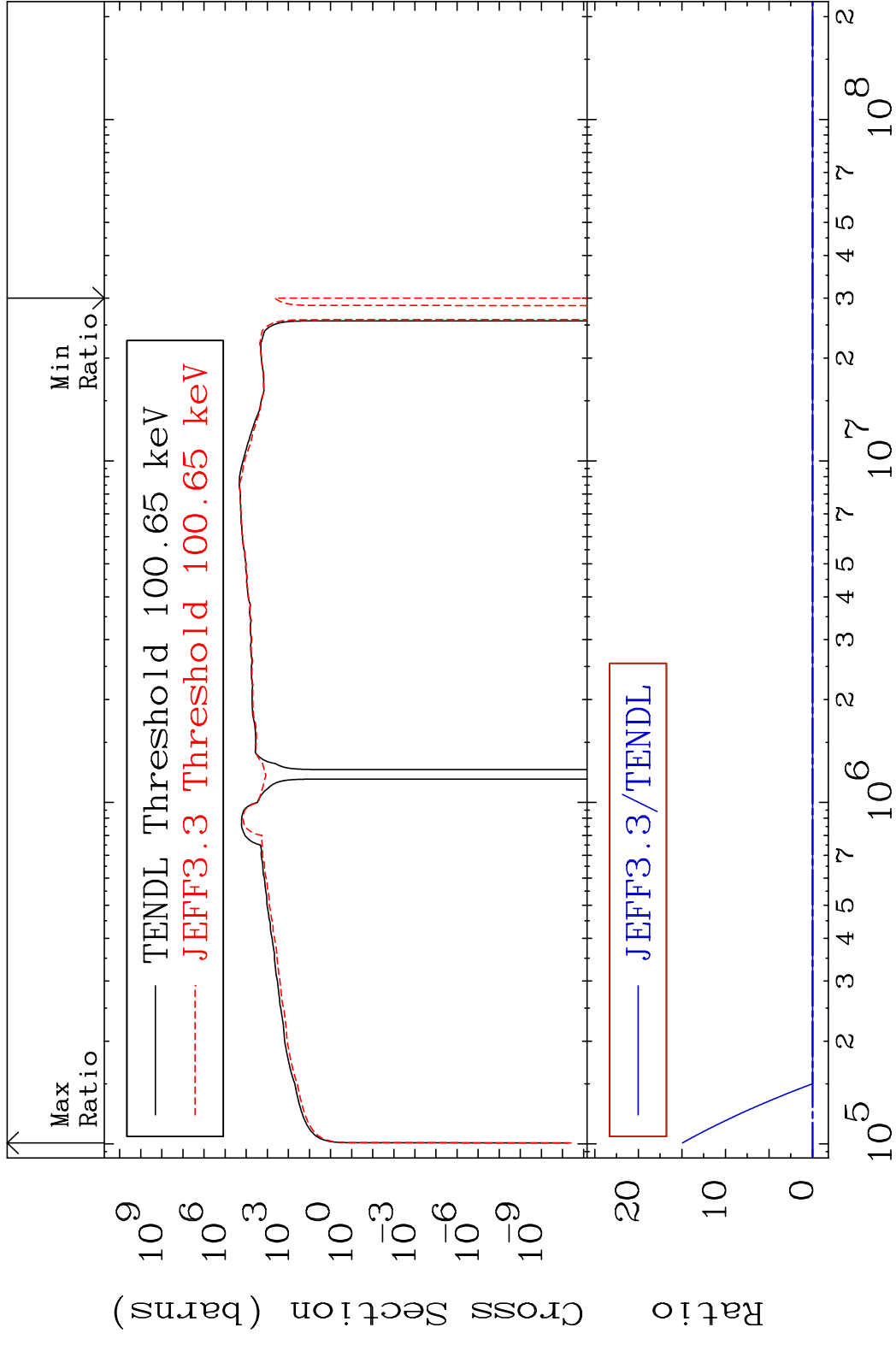
Incident Energy (eV)

67-Ho-163

MAT 6719 Kerma non-elastic (all but mt2) 67-Ho-163  
 Cross Section -405.7 To 9999. %

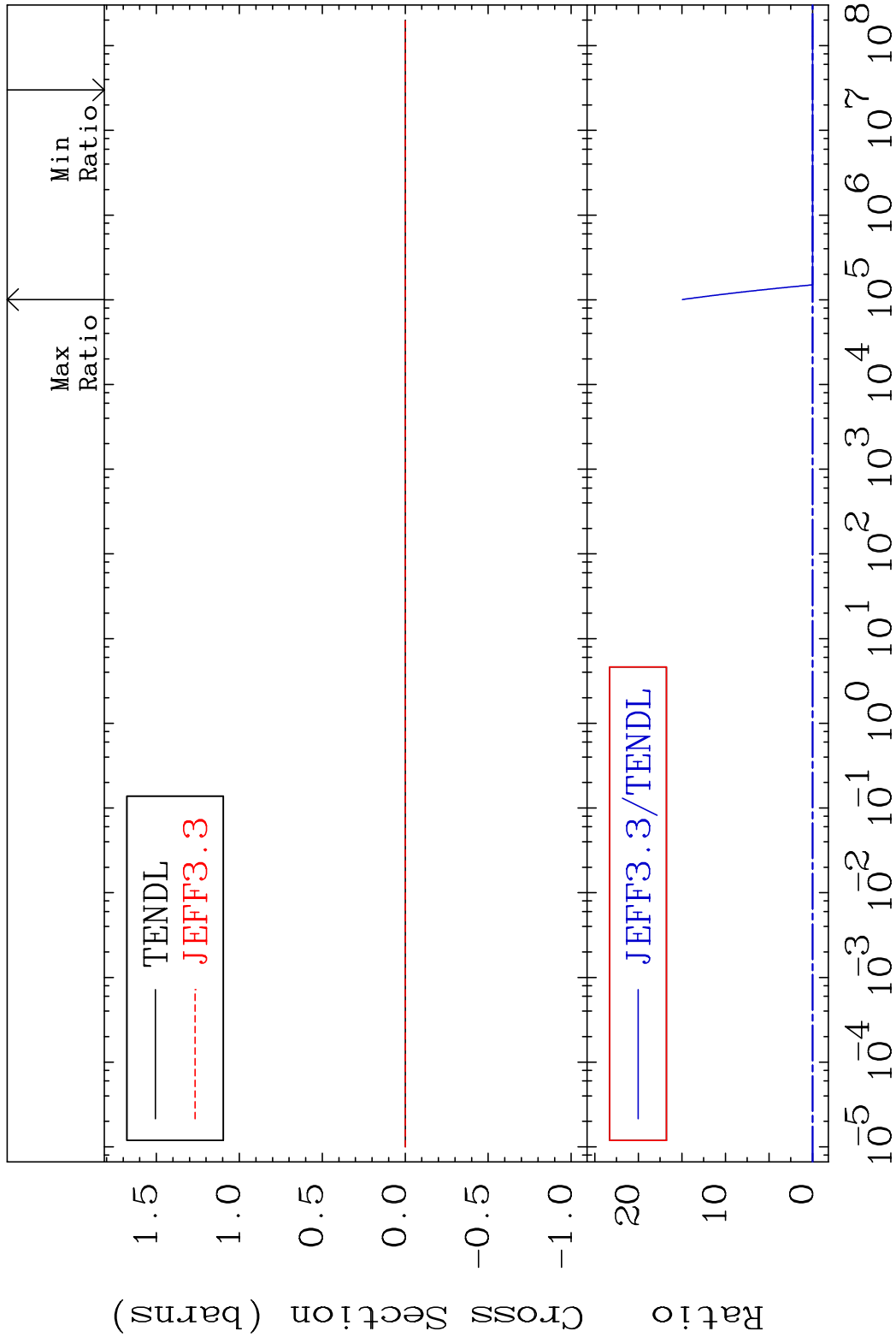


MAT 6719 Kerma inelastic (mt51-91) 67-Ho-163  
 Cross Section -655.0 To 9999. %

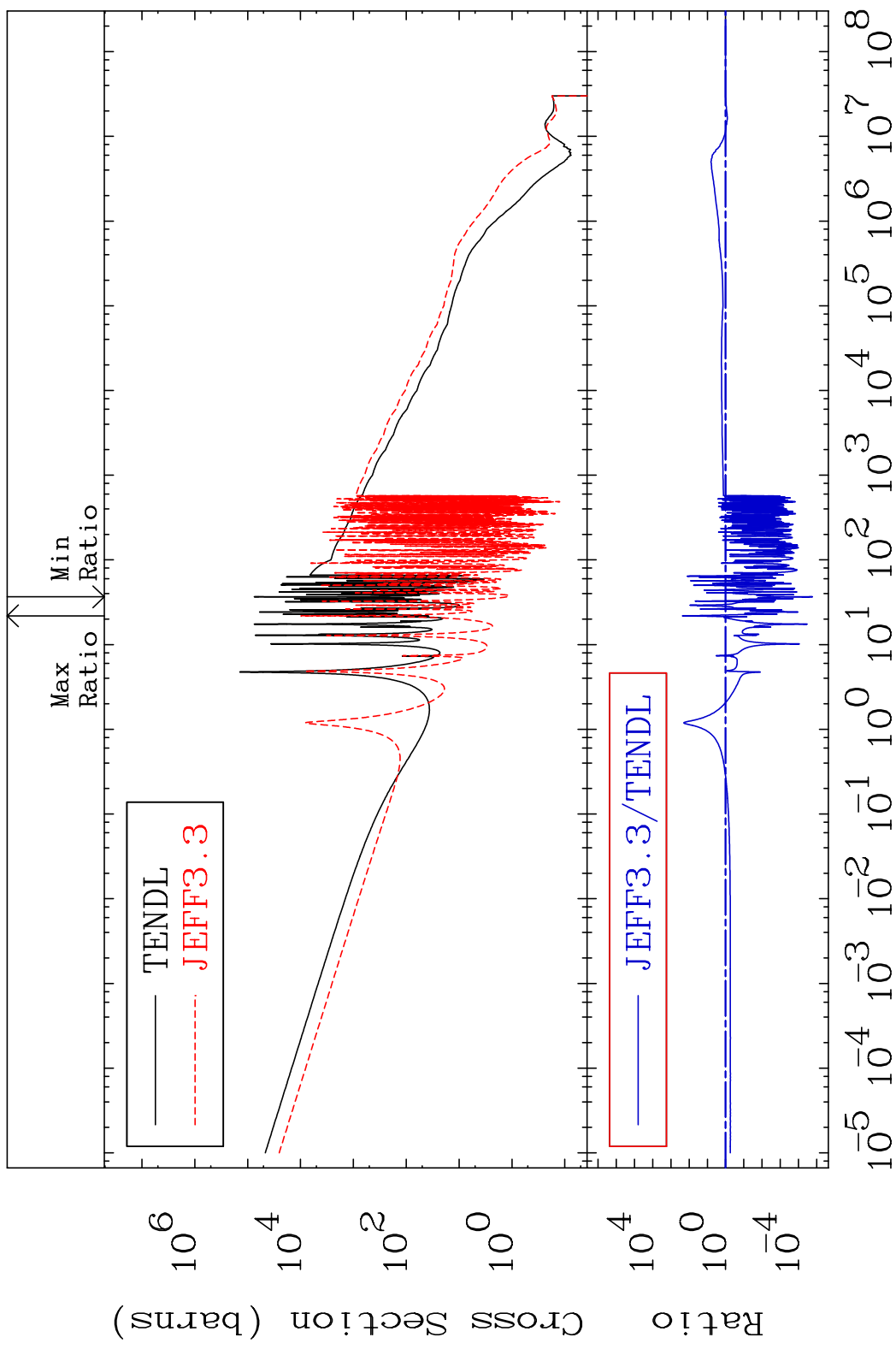


69 Incident Energy (eV) 67-Ho-163

MAT 6719 Kerma fission (mt18 or mt19-20-21-38) 67-Ho-163  
 Cross Section -655.0 To 9999. %



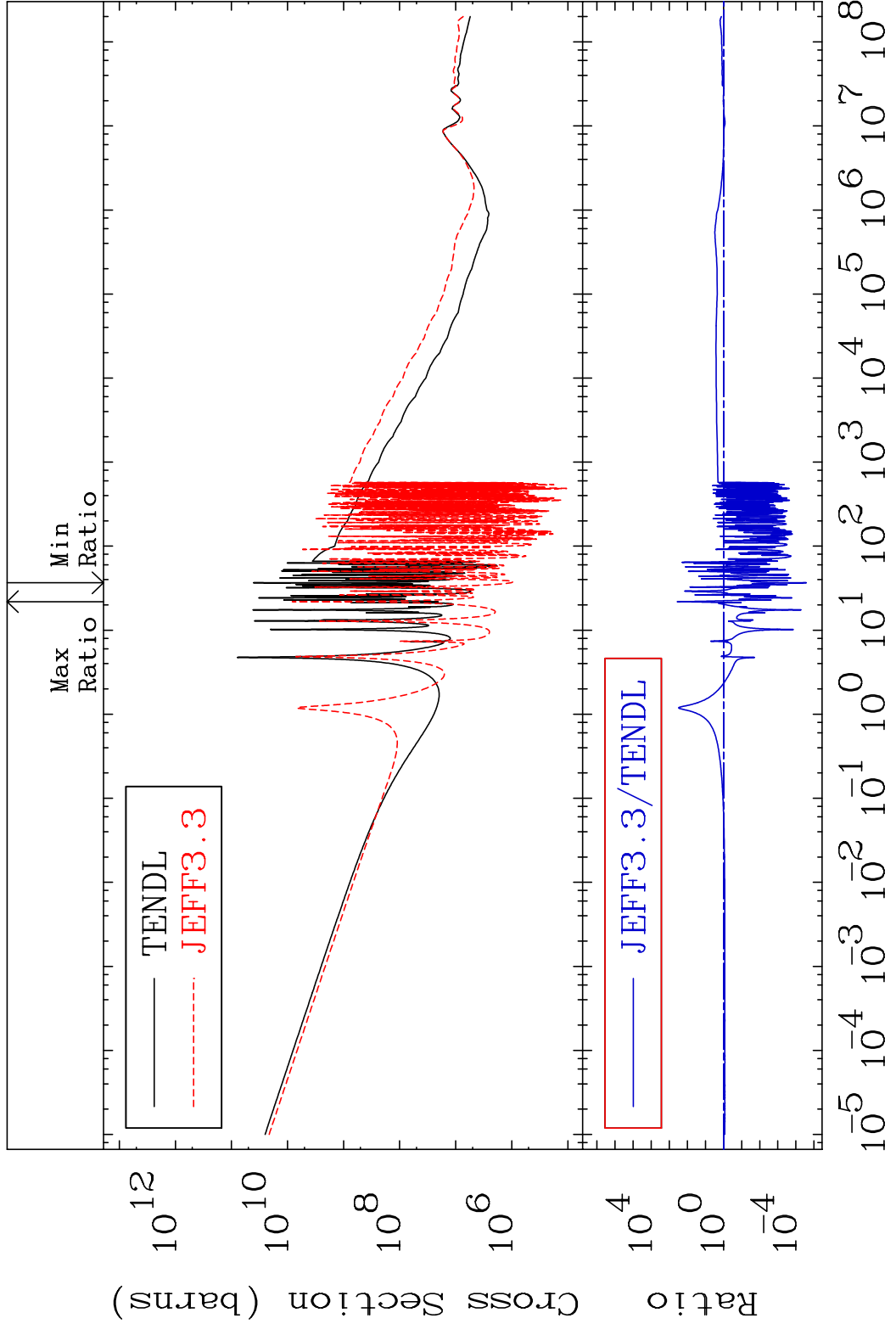
70 Incident Energy (eV) 67-Ho-163



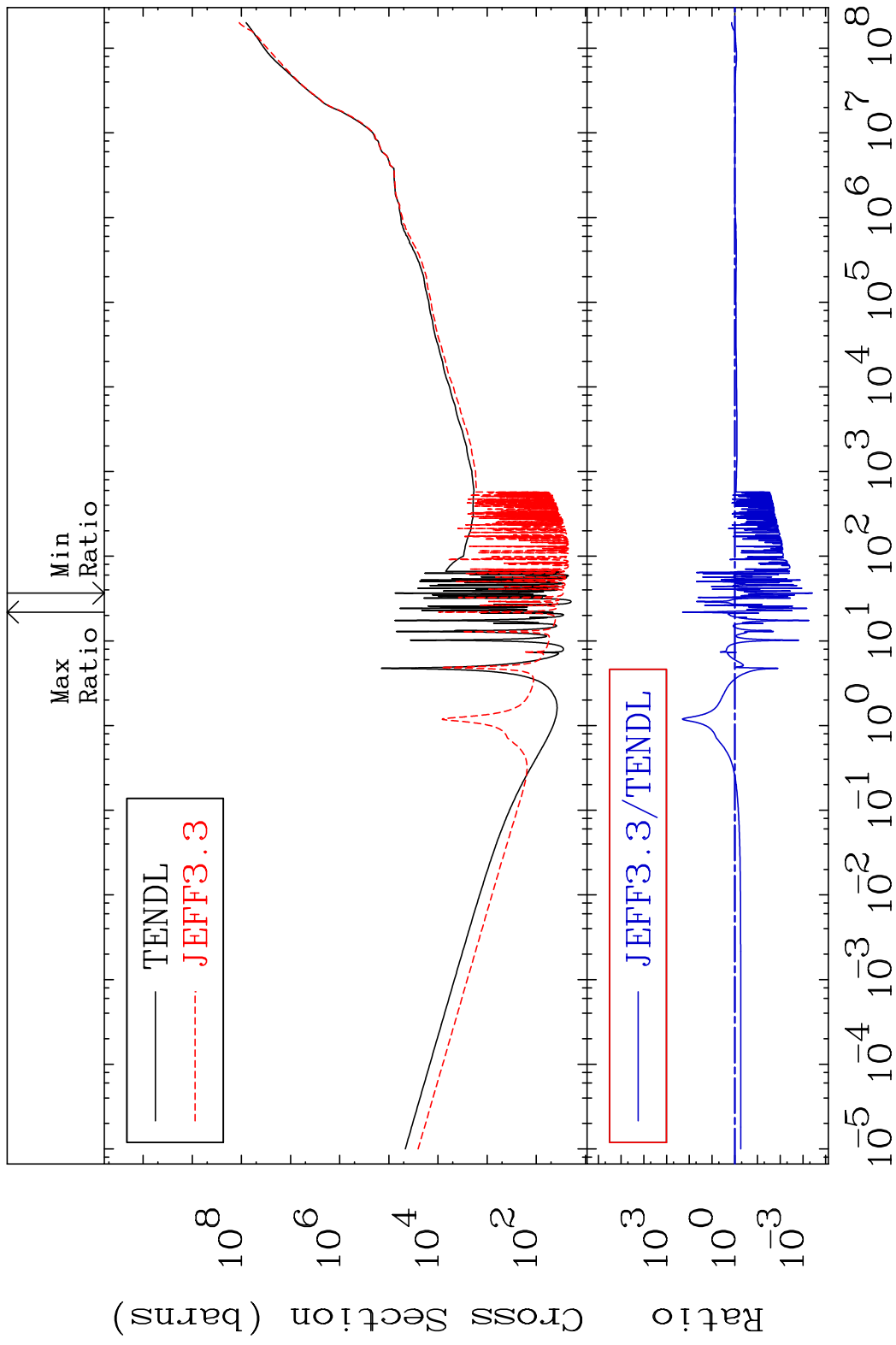


MAT 6719

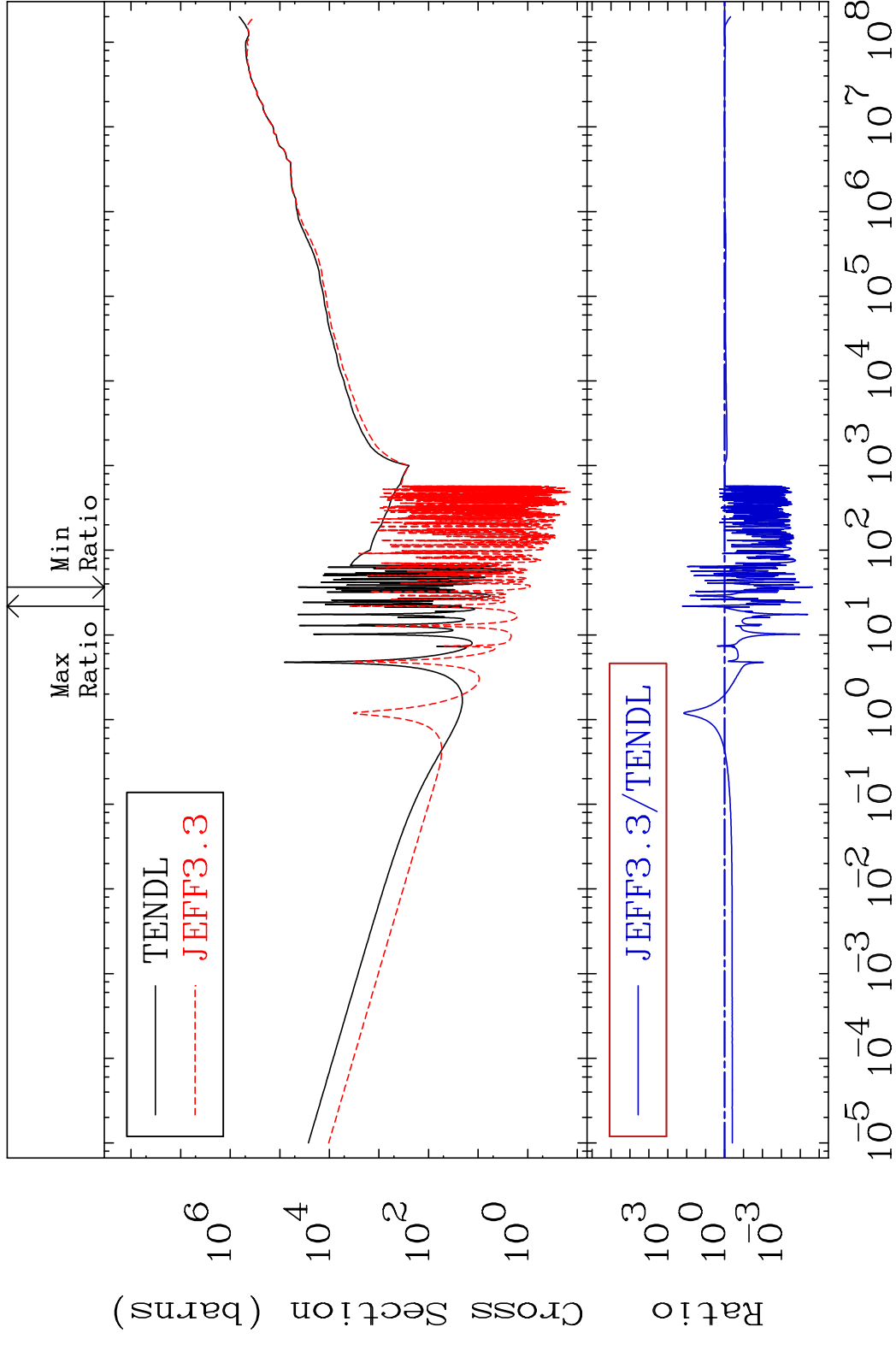
Total photon (eV-barns) 67-Ho-163  
Cross Section -100.0 To 9999. %



MAT 6719 Total kinematic kerma (high limit) 67-Ho-163  
 Cross Section -99.96 To 9999. %



Cross Section -100.0 To 9999. %

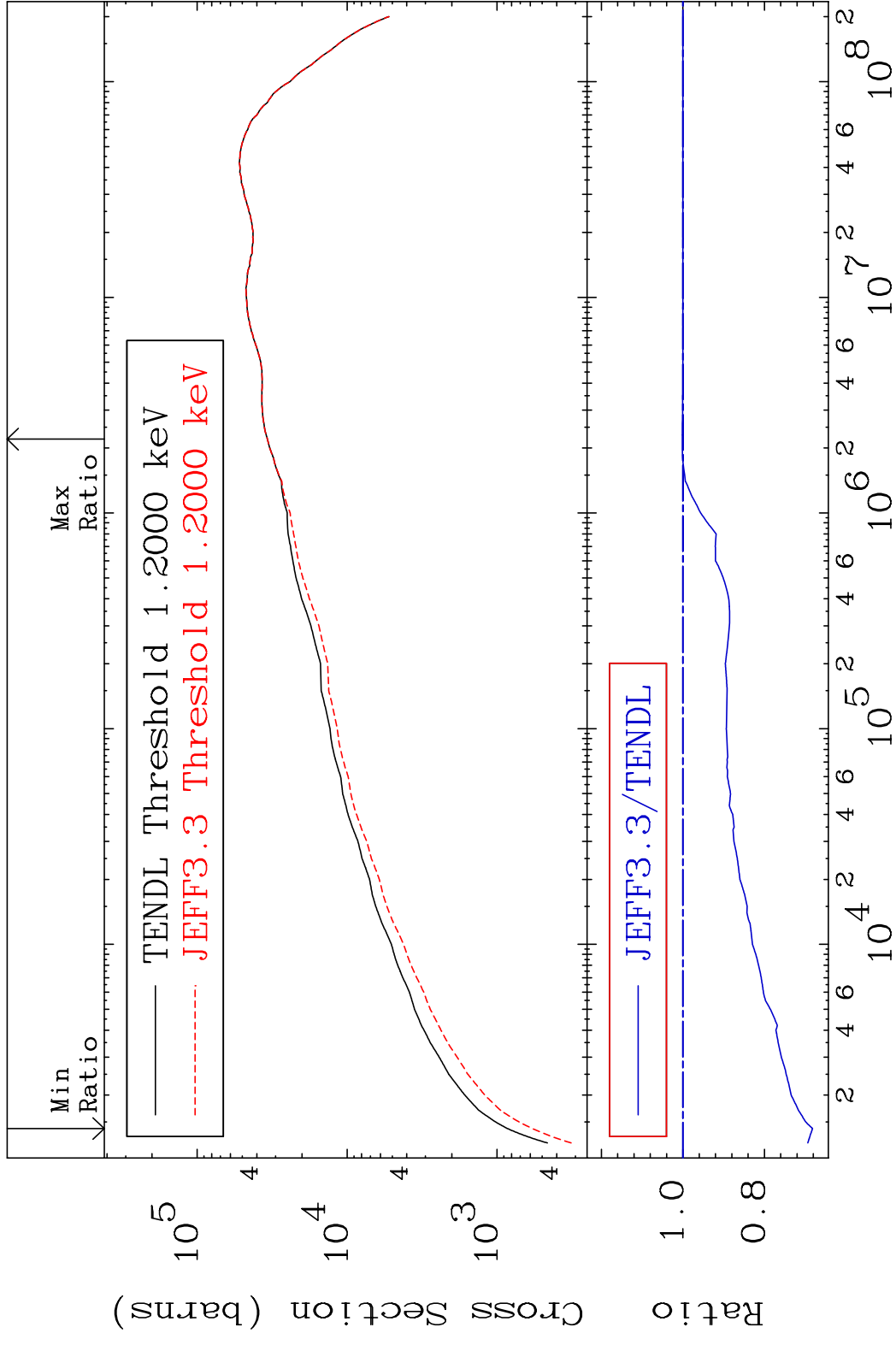


MAT 6719

Dpa elastic (mt2)

67-Ho-163

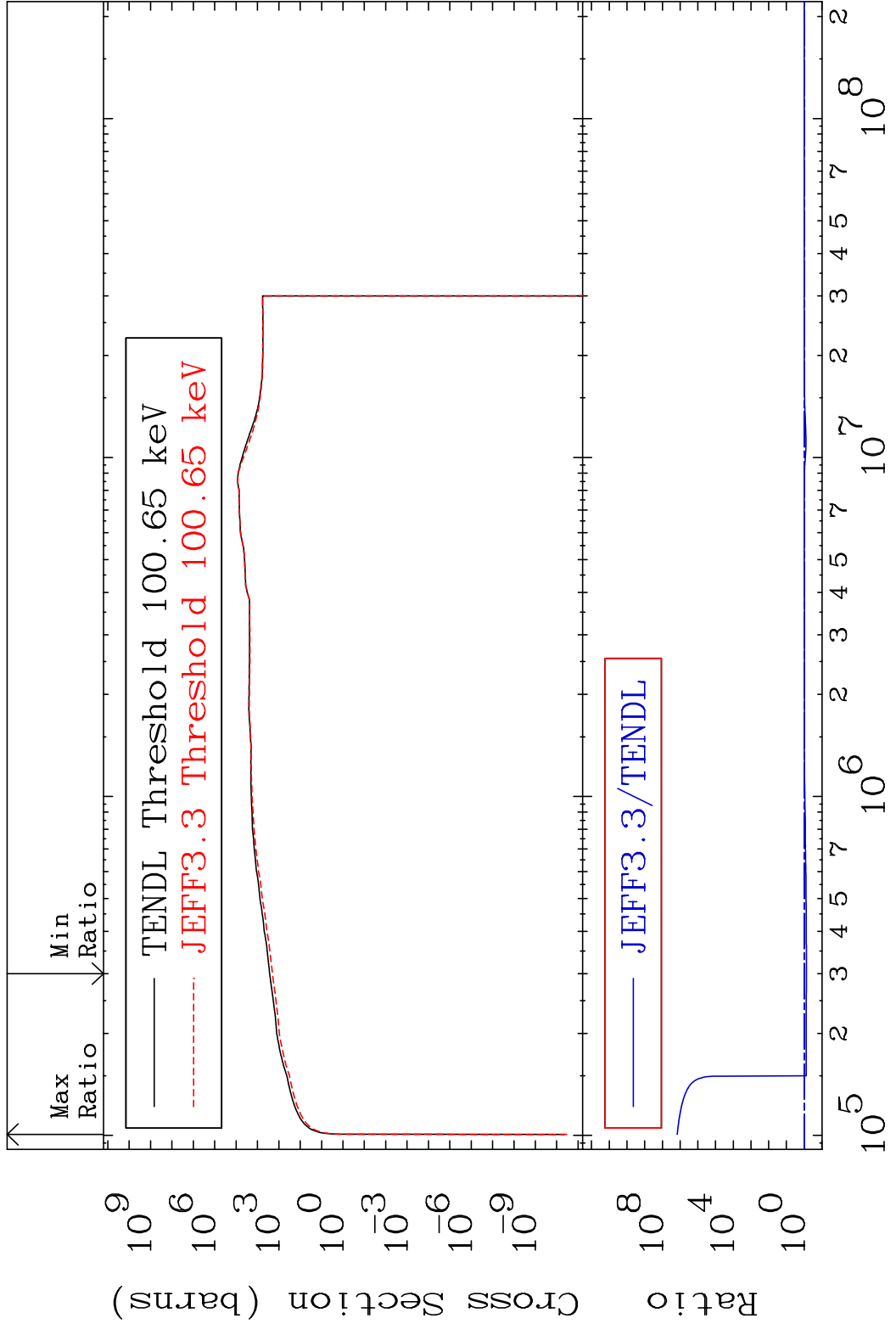
Cross Section -31.81 To 0.135 %



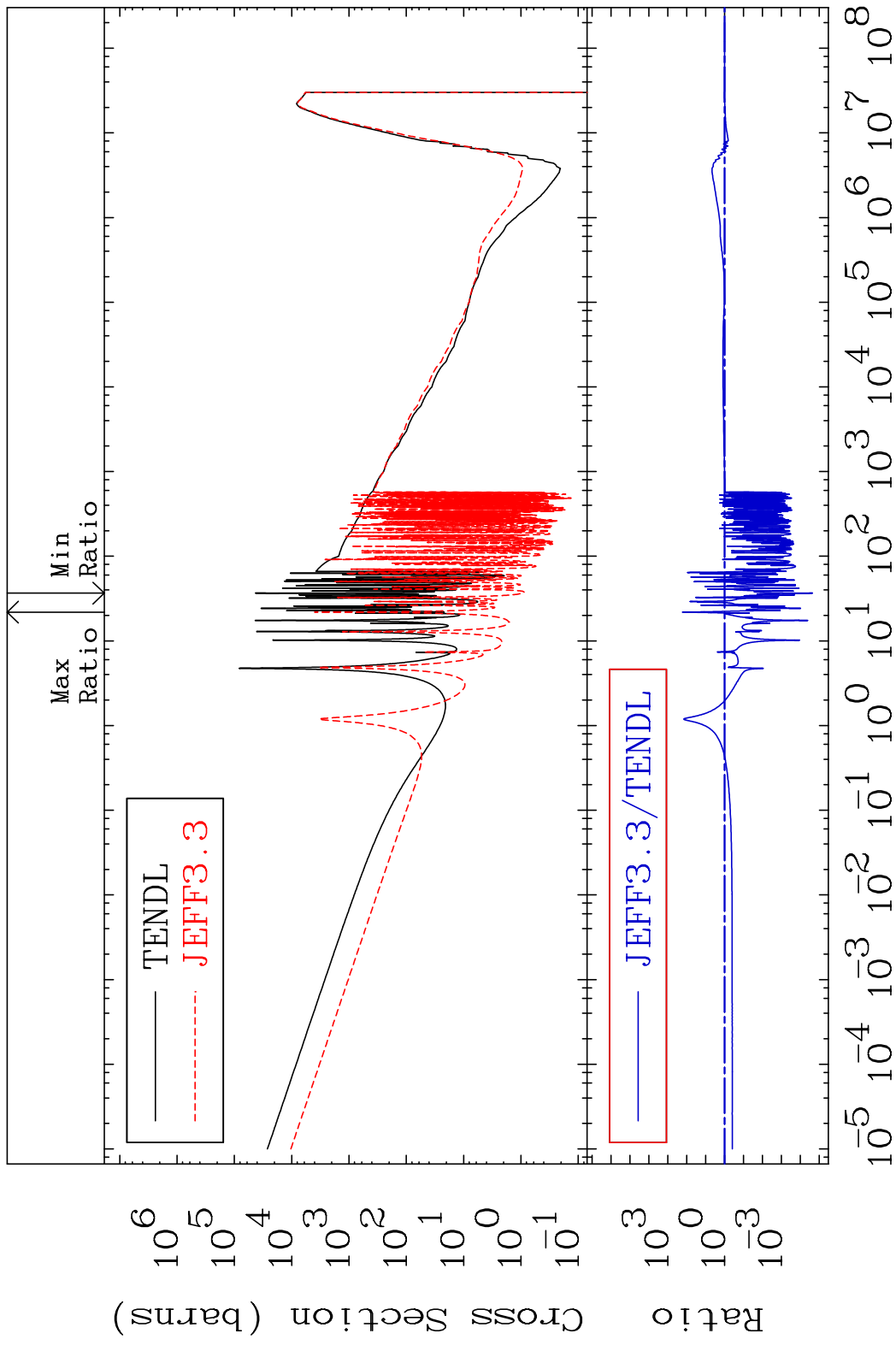
75

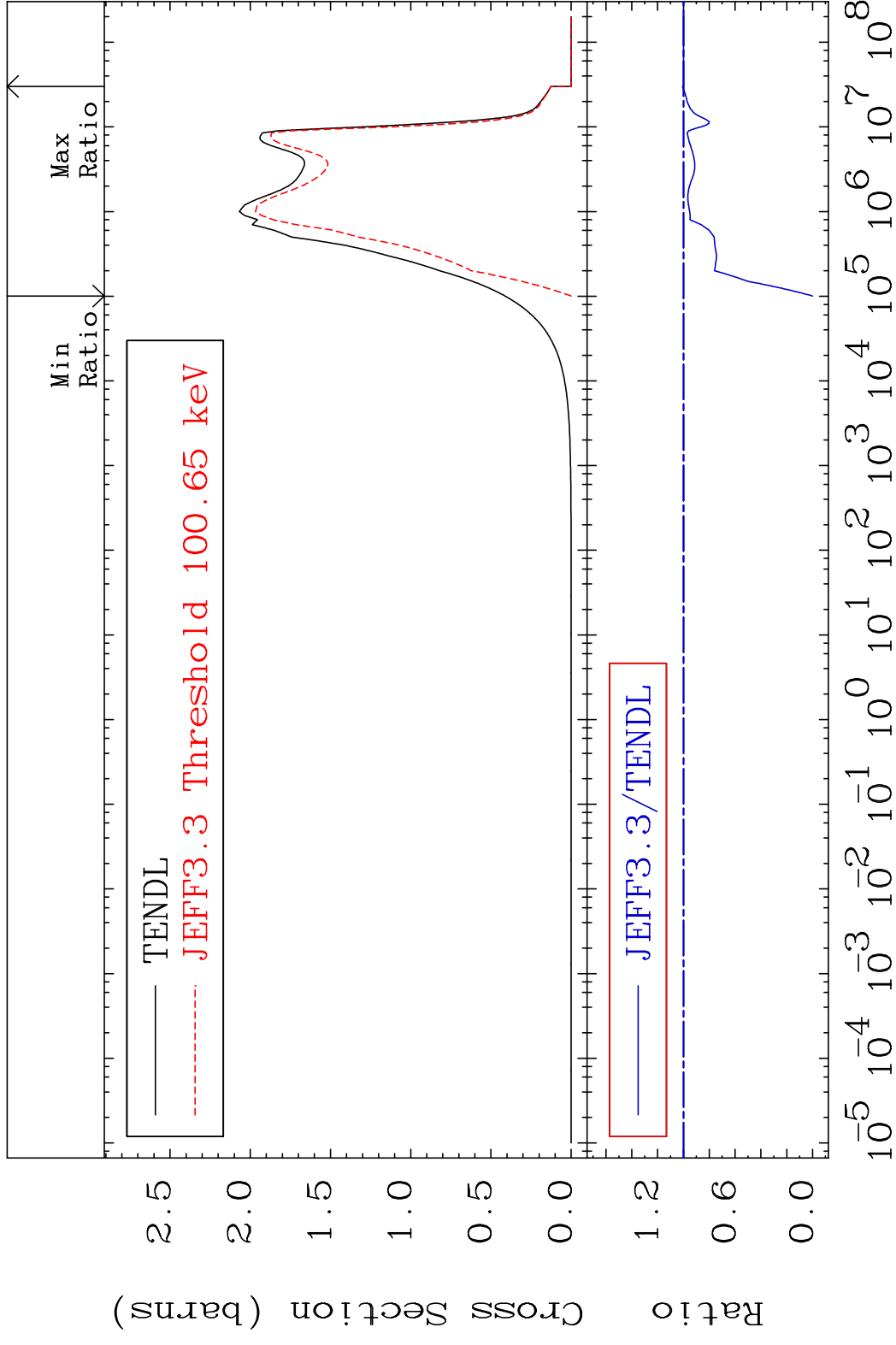
Incident Energy (eV)

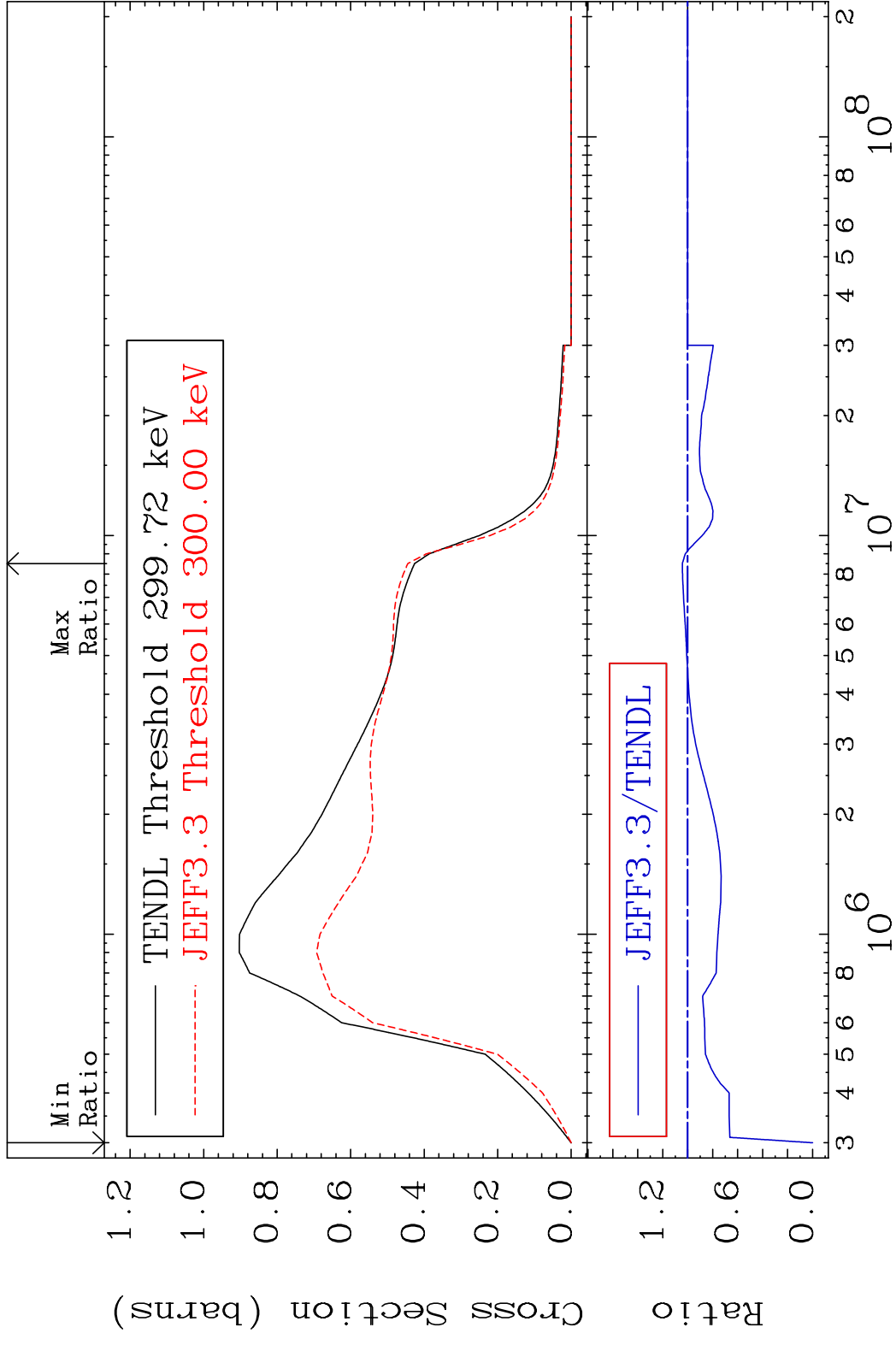
67-Ho-163



MAT 6719 Dpa disappearance (mt102 -120) 67-Ho-163  
 Cross Section -100.0 To 9999. %

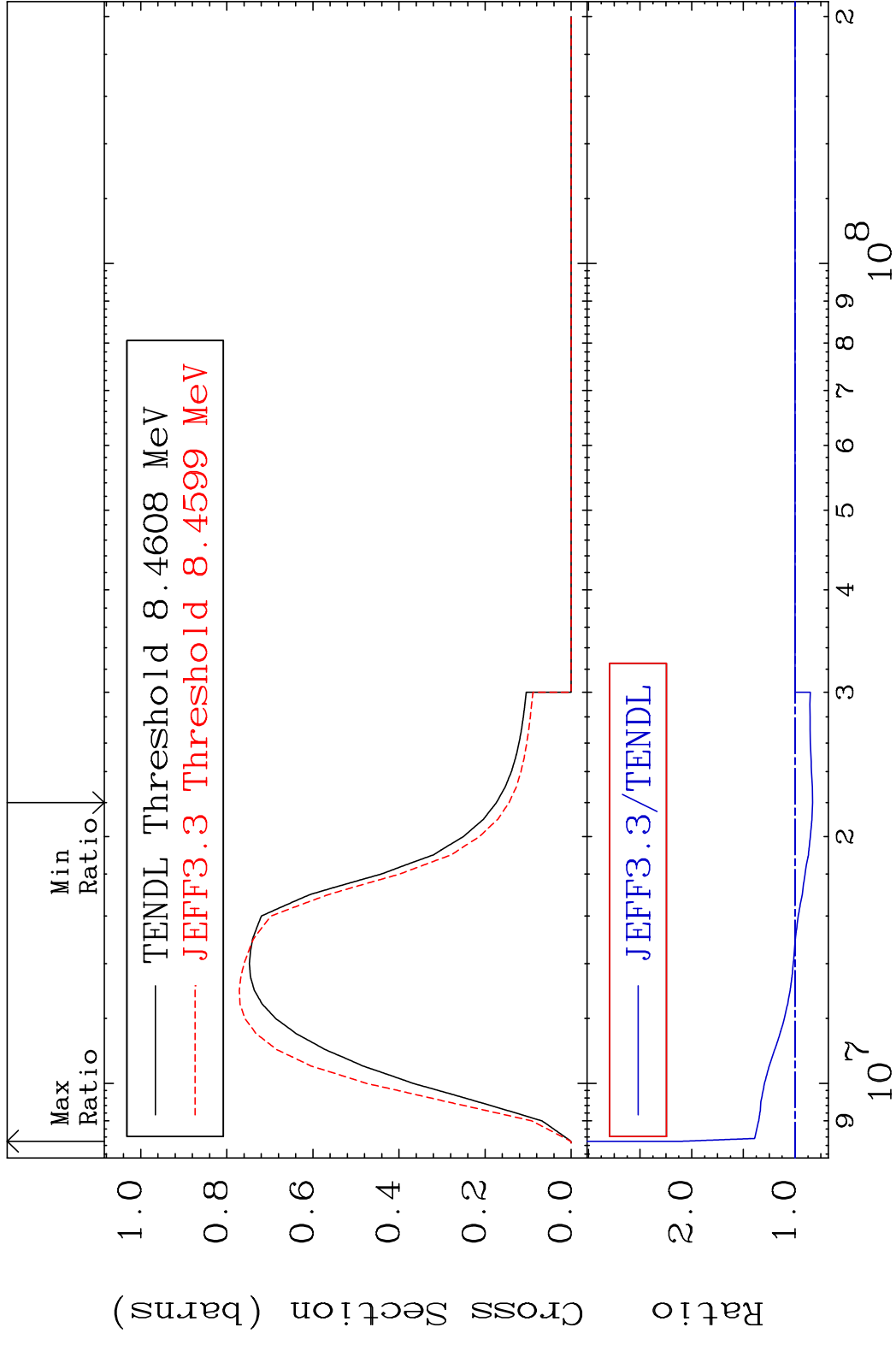








MAT 6719 (n,2n):67-Ho-162g 67-Ho-163  
 Radionuclide Production Cross Section 186.9410 109.1 %



80 Incident Energy (eV) 67-Ho-163

