

Program Complot  
(Version 2021-1)

by

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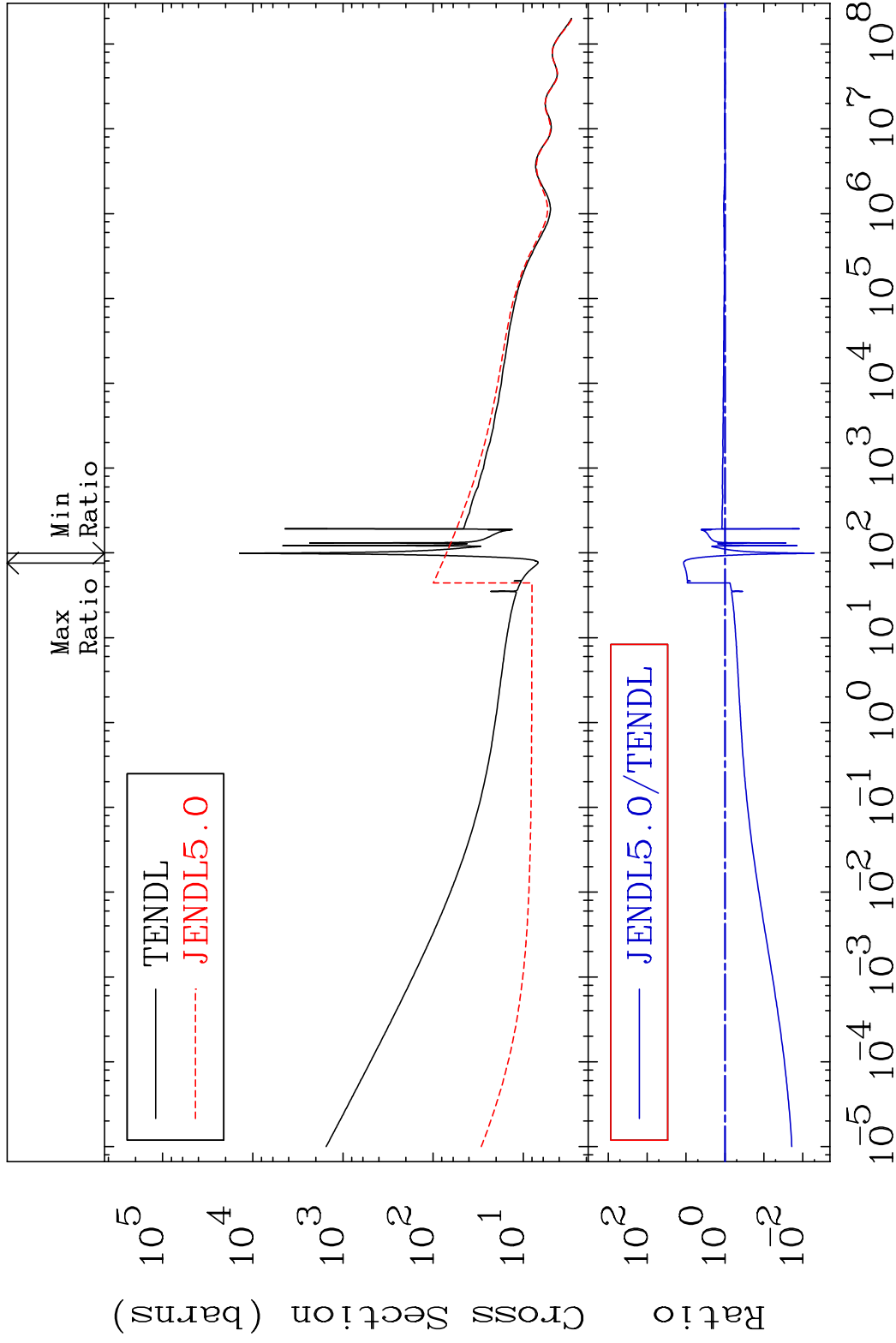
Press Mouse Button to Start

MAT 7931

Total

79-Au-199

Cross Section -99.49 To 1054. %



1

Incident Energy (eV)

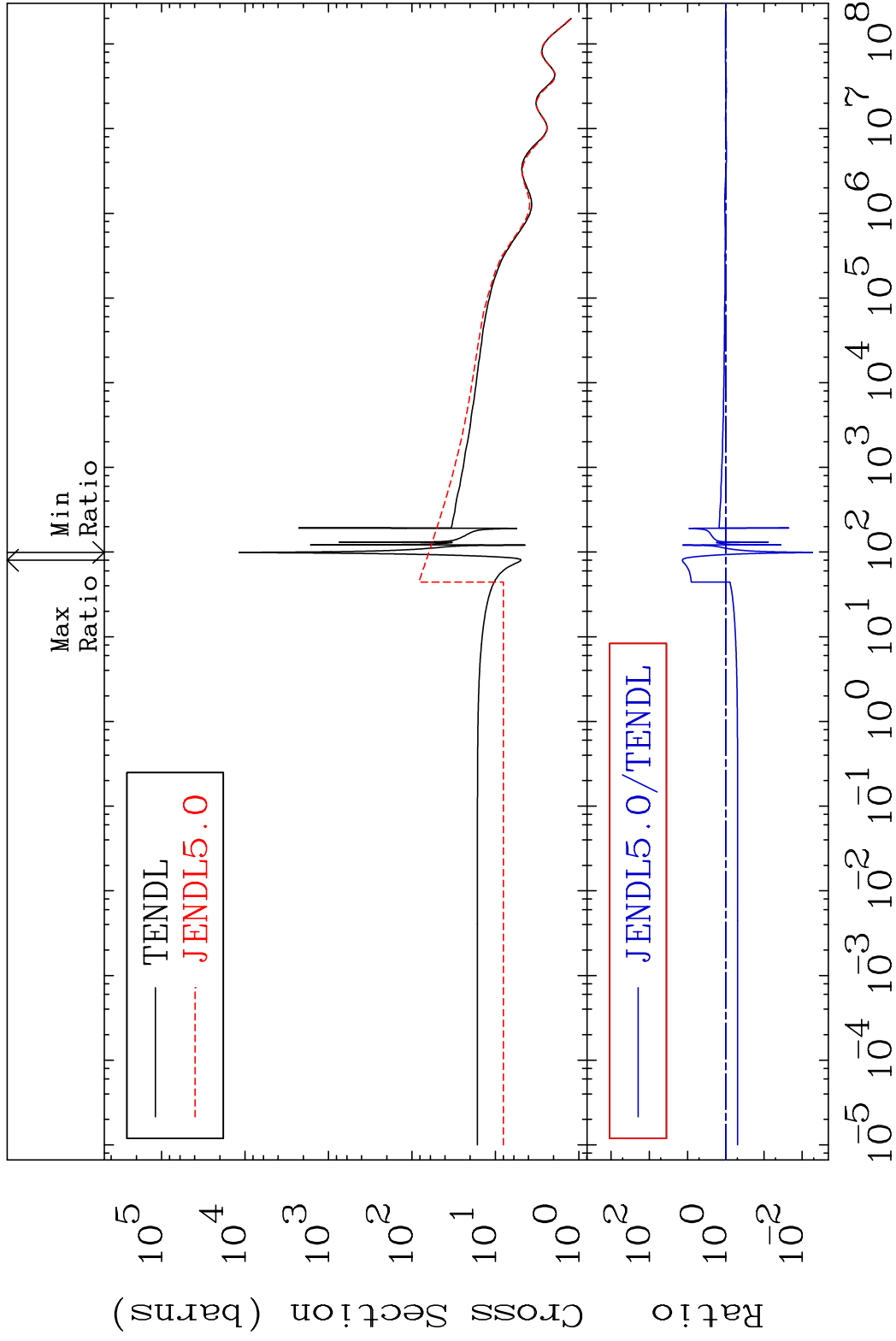
79-Au-199

MAT 7931

Elastic

79-Au-199

Cross Section -99.46 To 1265. %

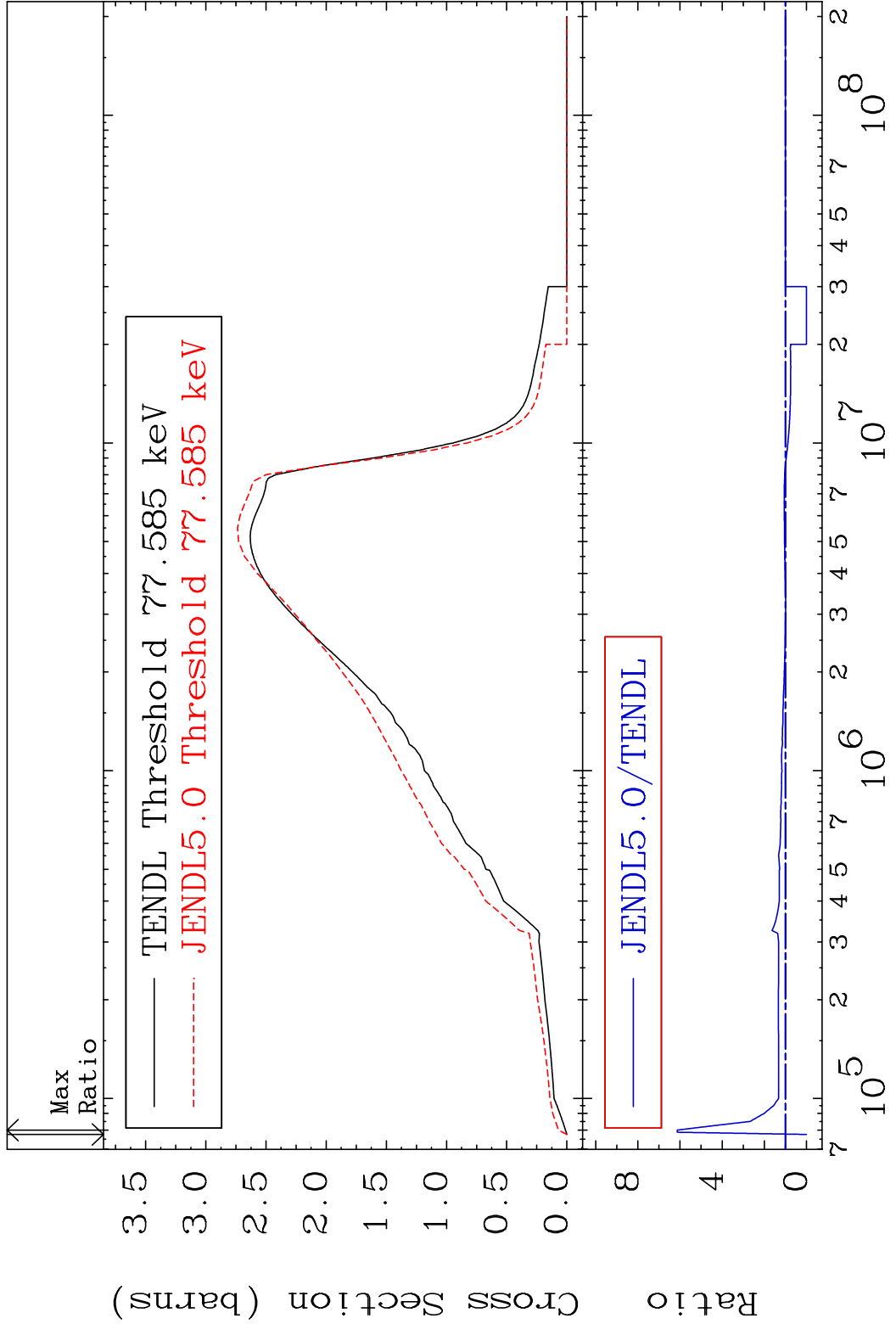


2

Incident Energy (eV)

79-Au-199

MAT 7931 Inelastic Cross Section -100.0 To 513.5 % 79-Au-199



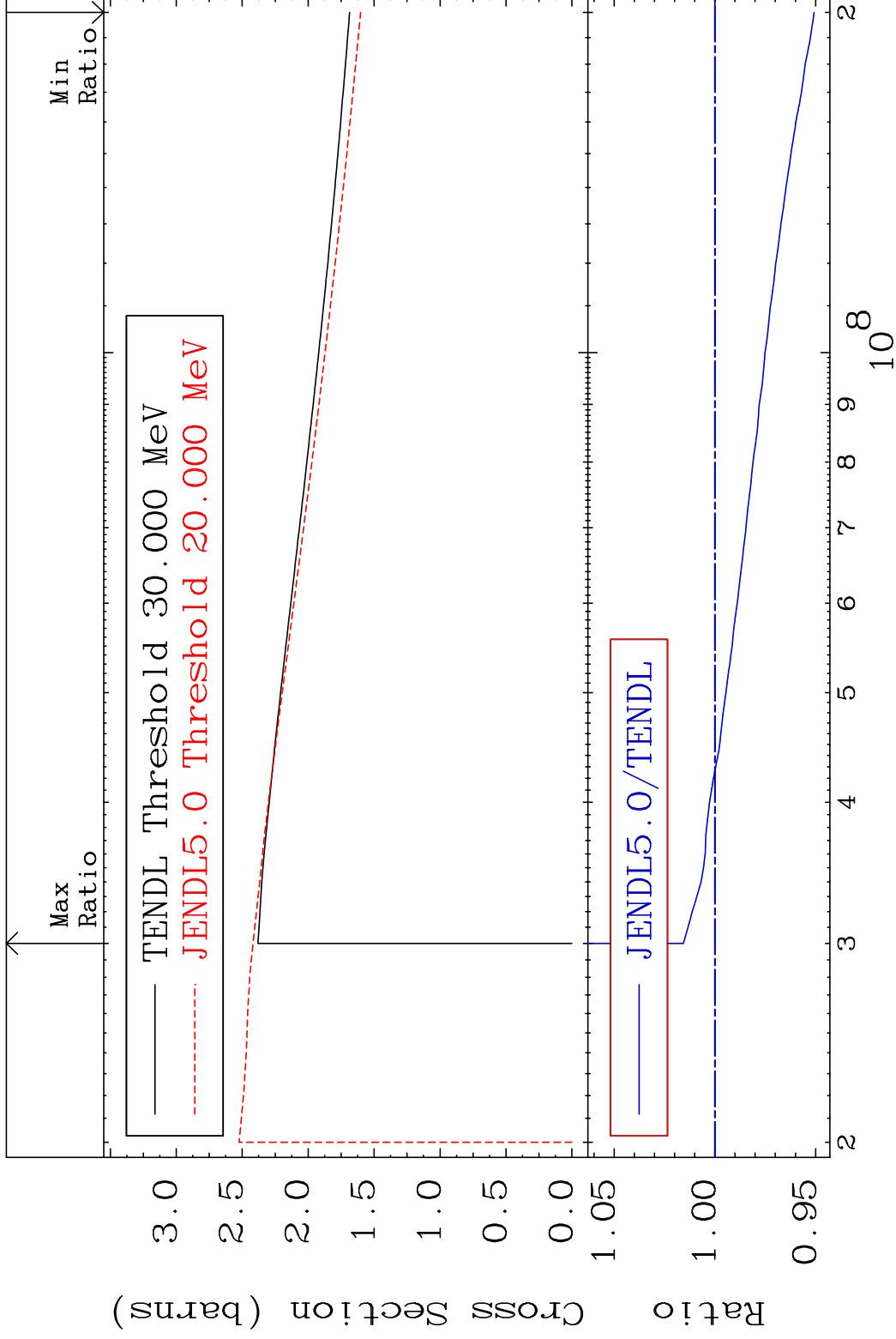
3 Incident Energy (eV) 79-Au-199

MAT 7931

(n, remainder)

79-Au-199

Cross Section -4.924 To 1.564 %



4

Incident Energy (eV)

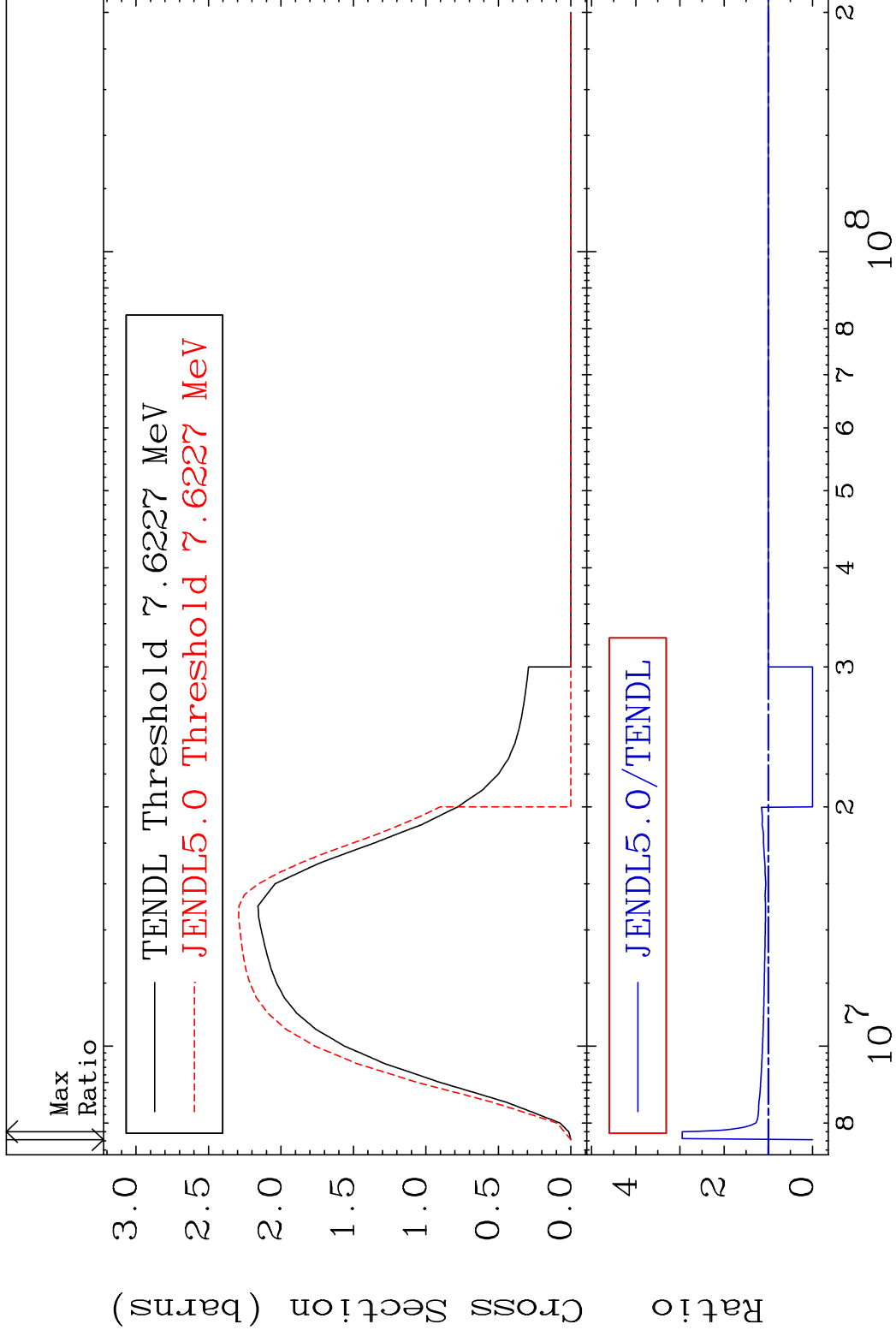
79-Au-199

MAT 7931

(n,2n)

79-Au-199

Cross Section -100.0 To 195.0 %



5

Incident Energy (eV)

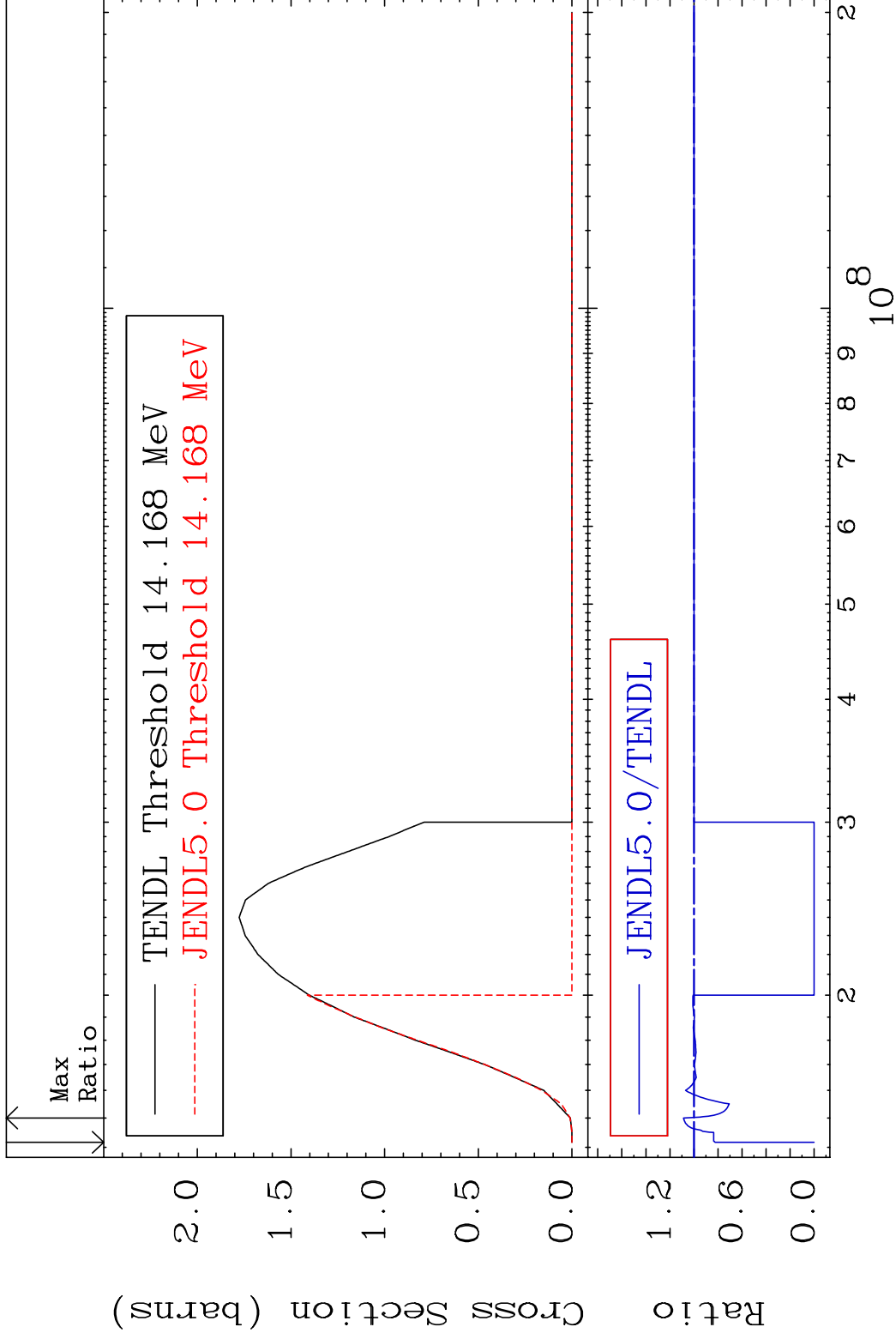
79-Au-199

MAT 7931

(n,3n)

79-Au-199

Cross Section -100.0 To 8.710 %

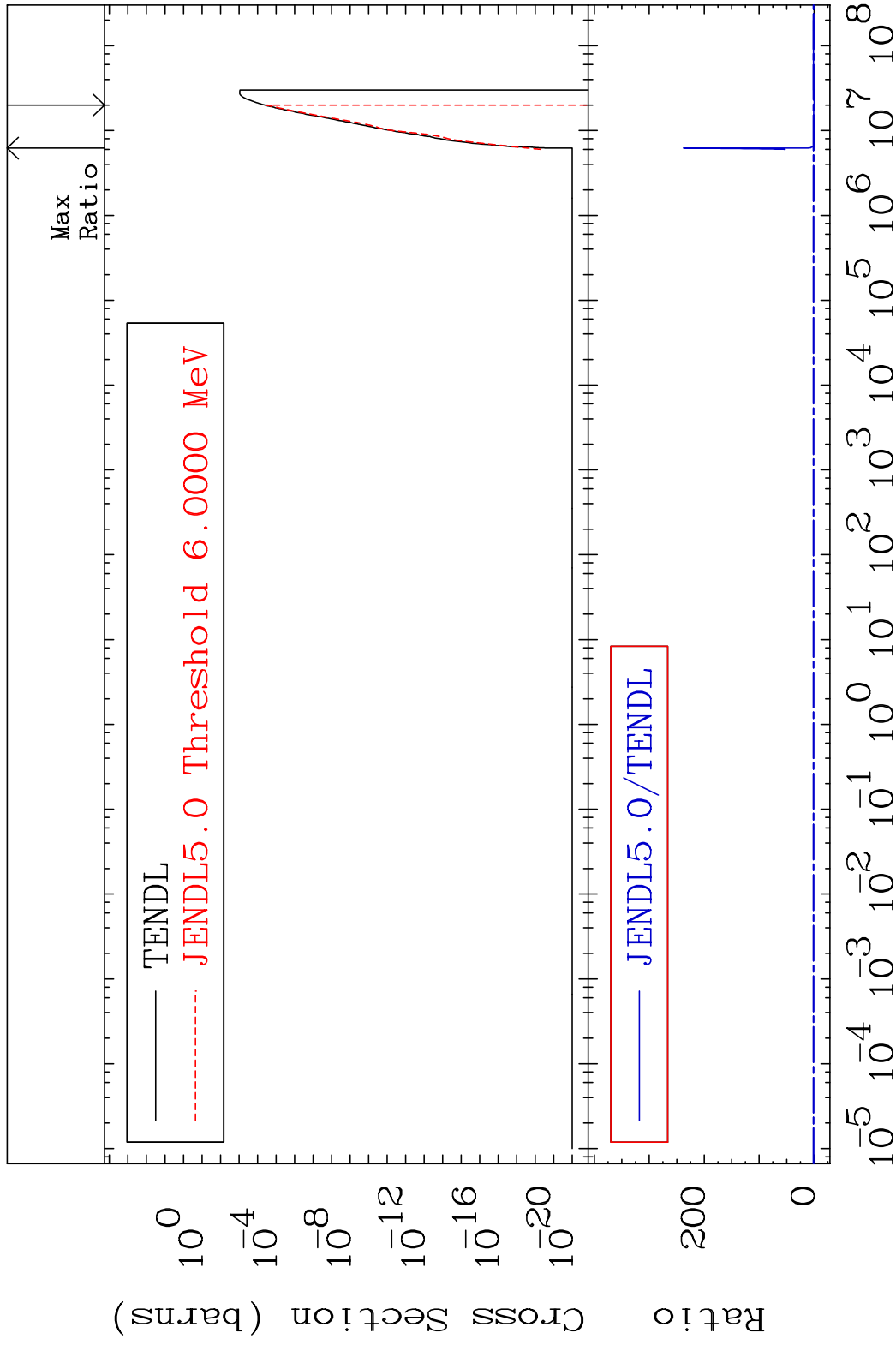


MAT 7931

(n, n')  $\alpha$

79-Au-199

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

79-Au-199

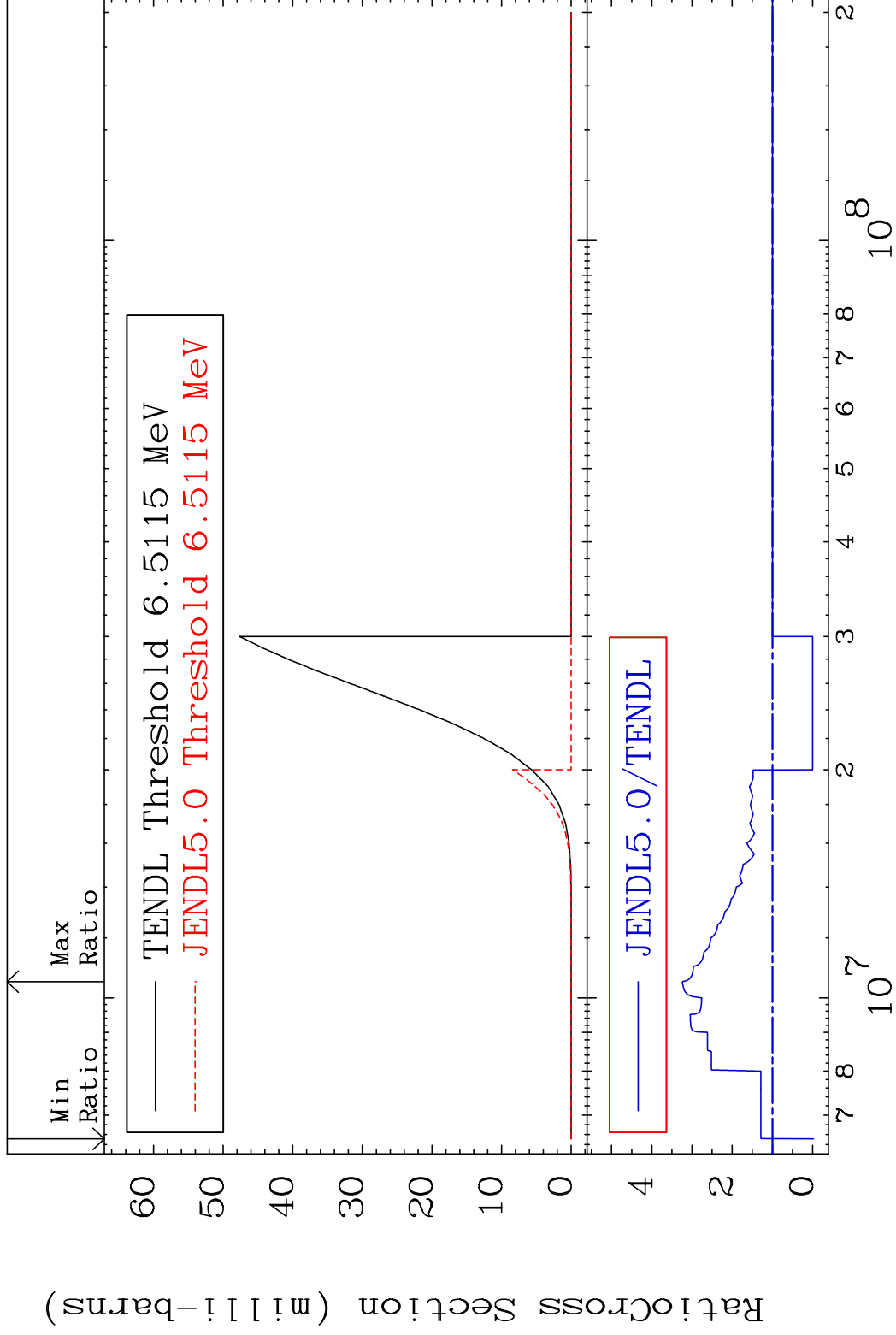


MAT 7931

(n, n') p

79-Au-199

Cross Section -100.0 To 223.9 %



8

Incident Energy (eV)

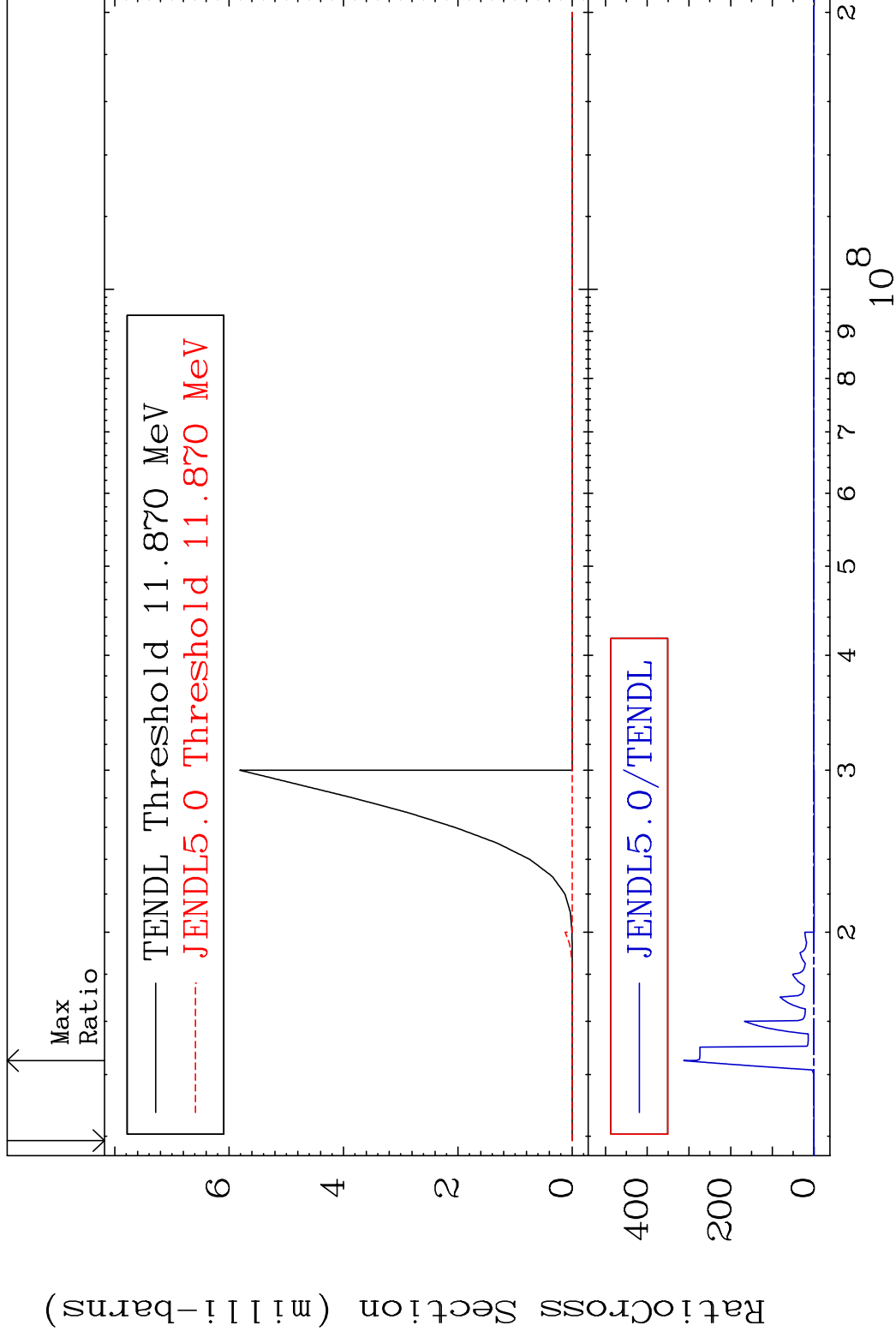
79-Au-199

MAT 7931

(n, n') d

79-Au-199

Cross Section -100.0 To 9999. %

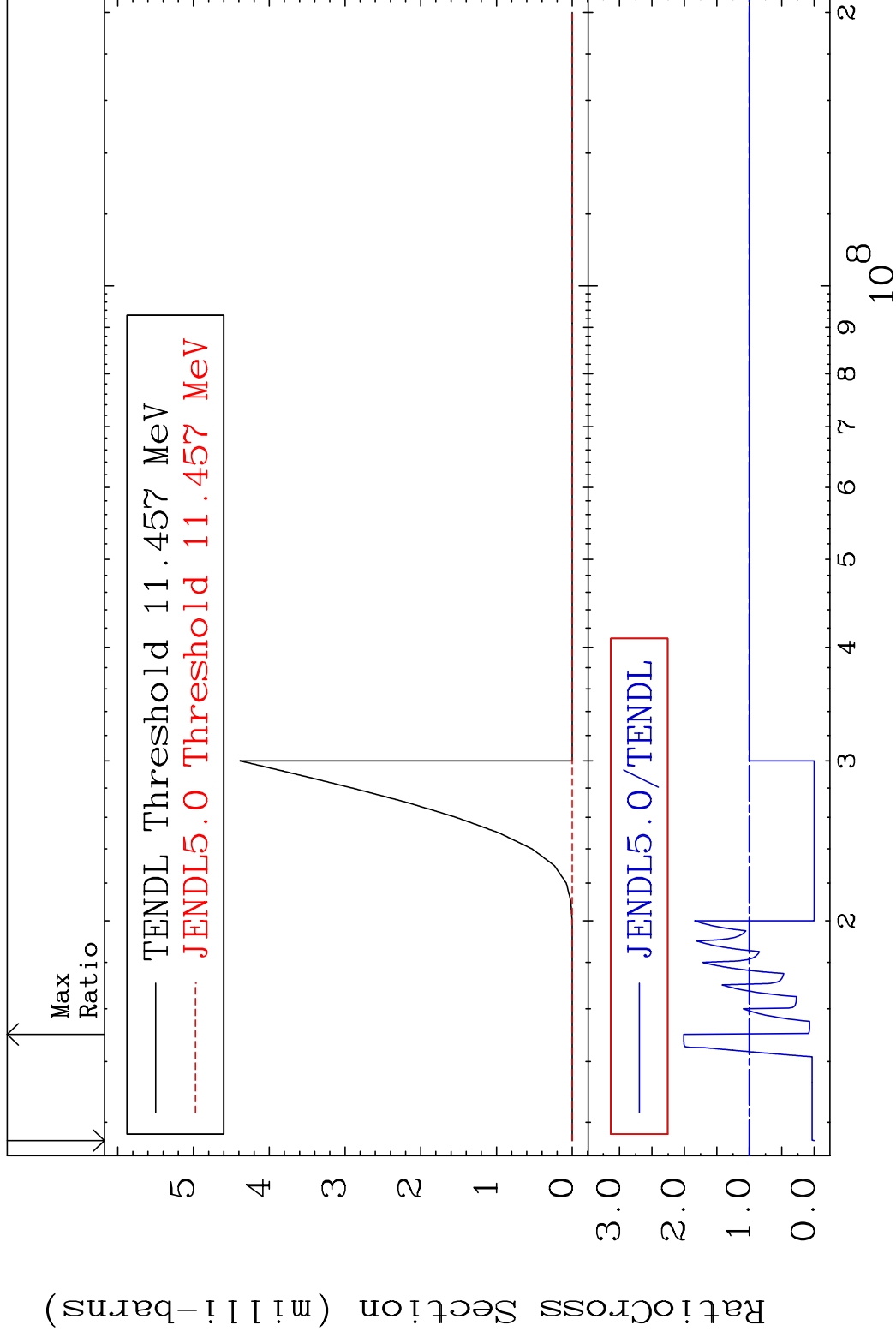


MAT 7931

(n, n') t

79-Au-199

Cross Section -100.0 To 101.2 %

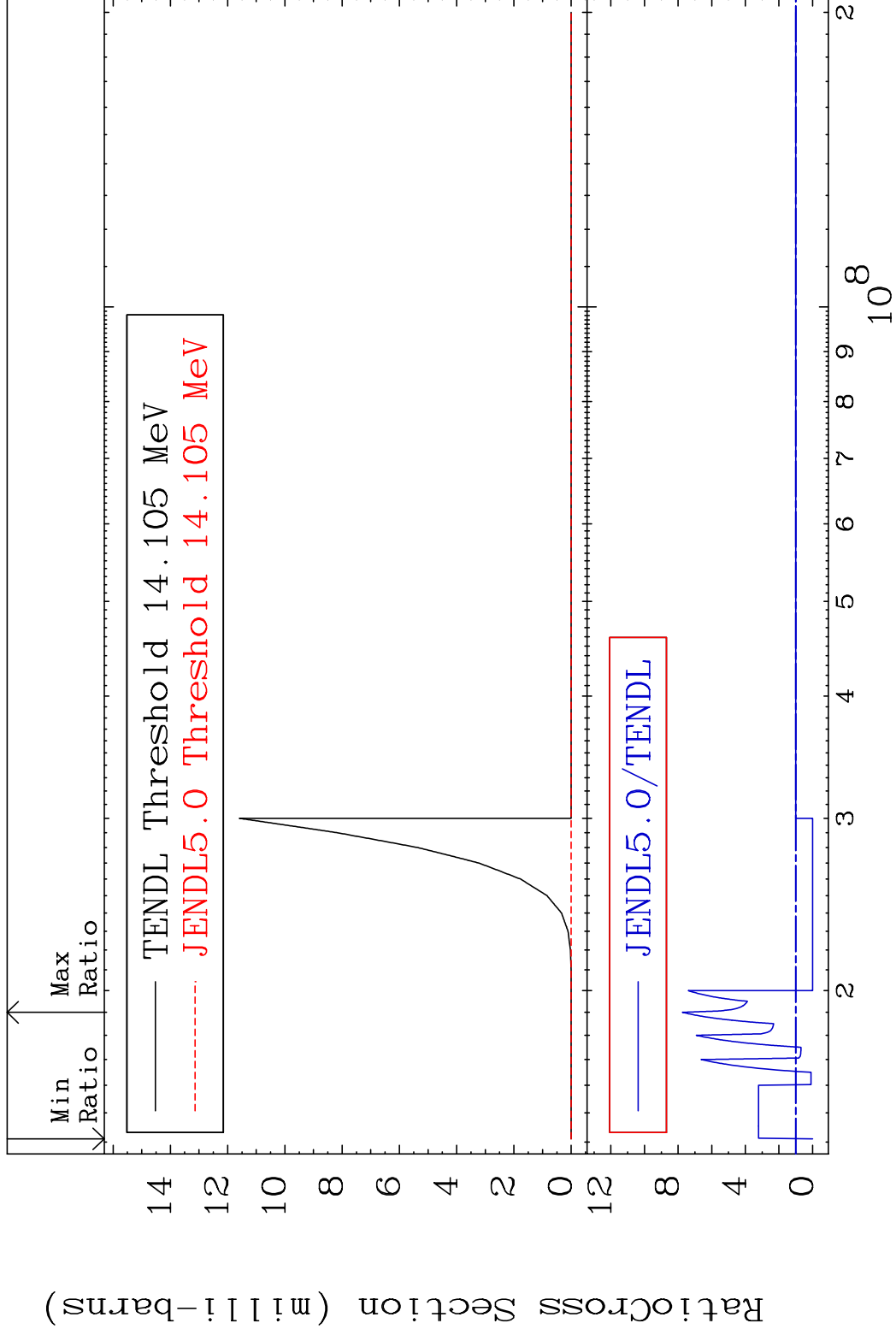


MAT 7931

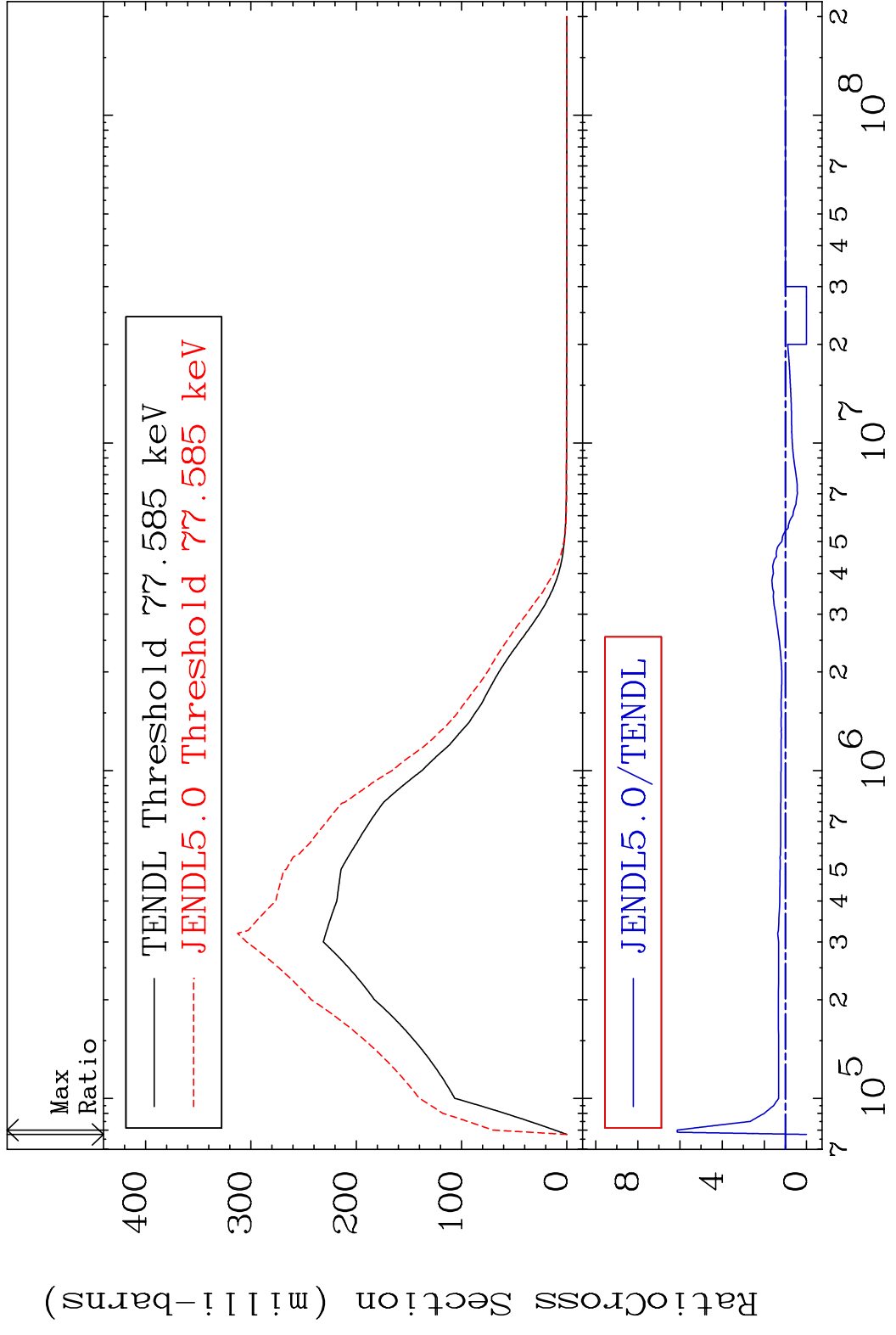
(n,2n) p

79-Au-199

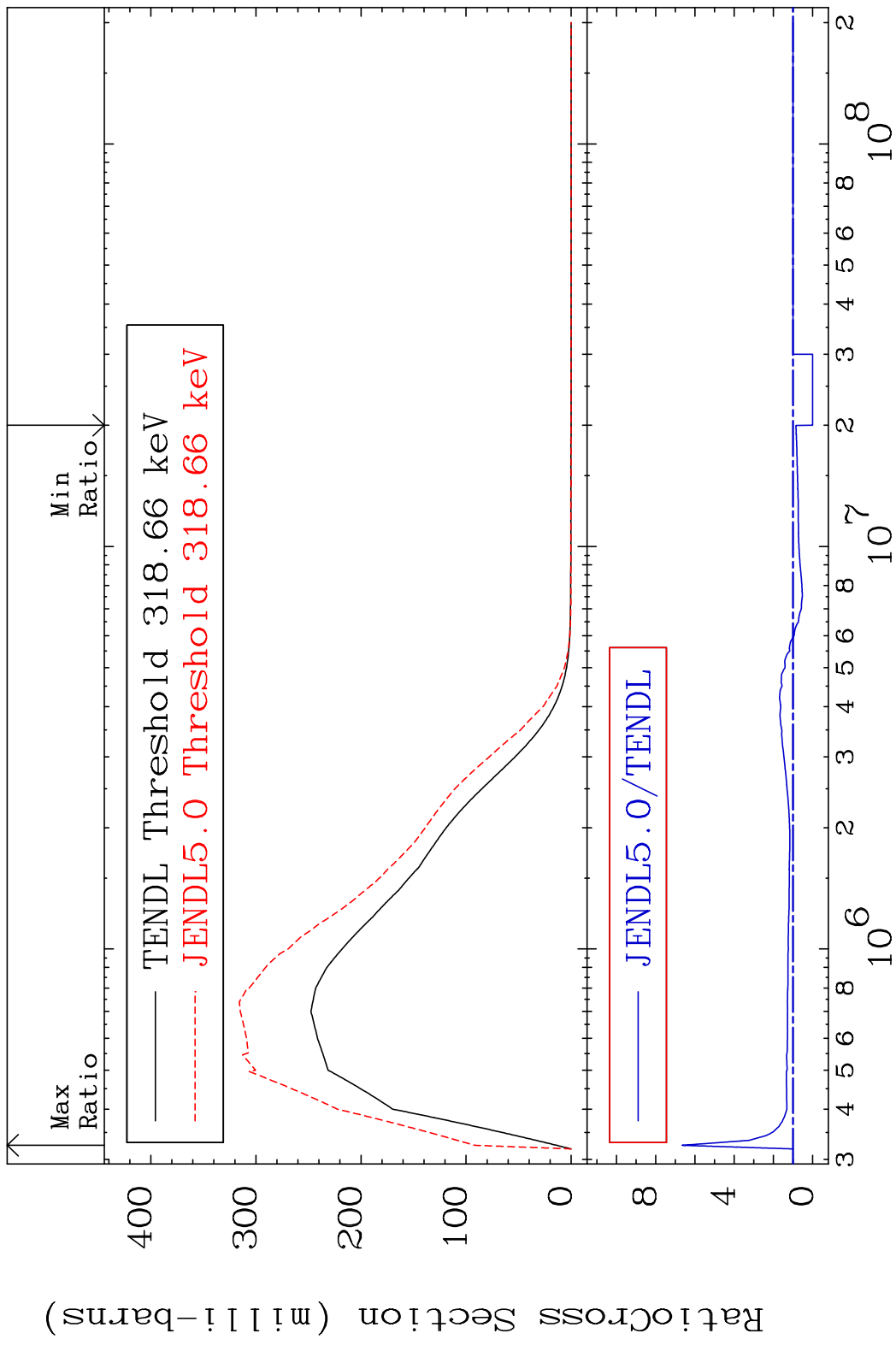
Cross Section -100.0 To 674.8 %



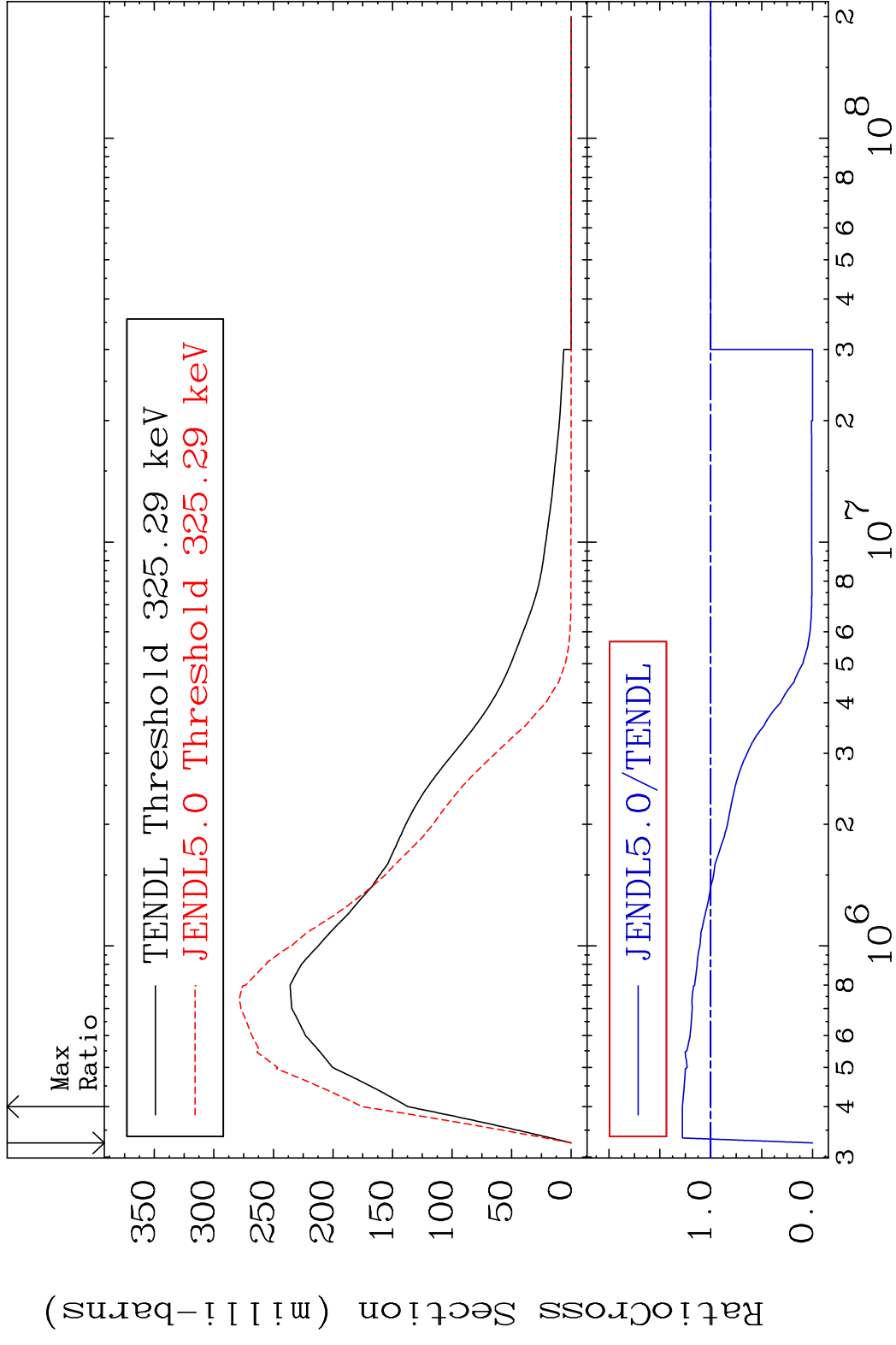
MAT 7931 MT= 51 (n,n') Level 79-Au-199  
 Cross Section -100.0 To 513.5 %



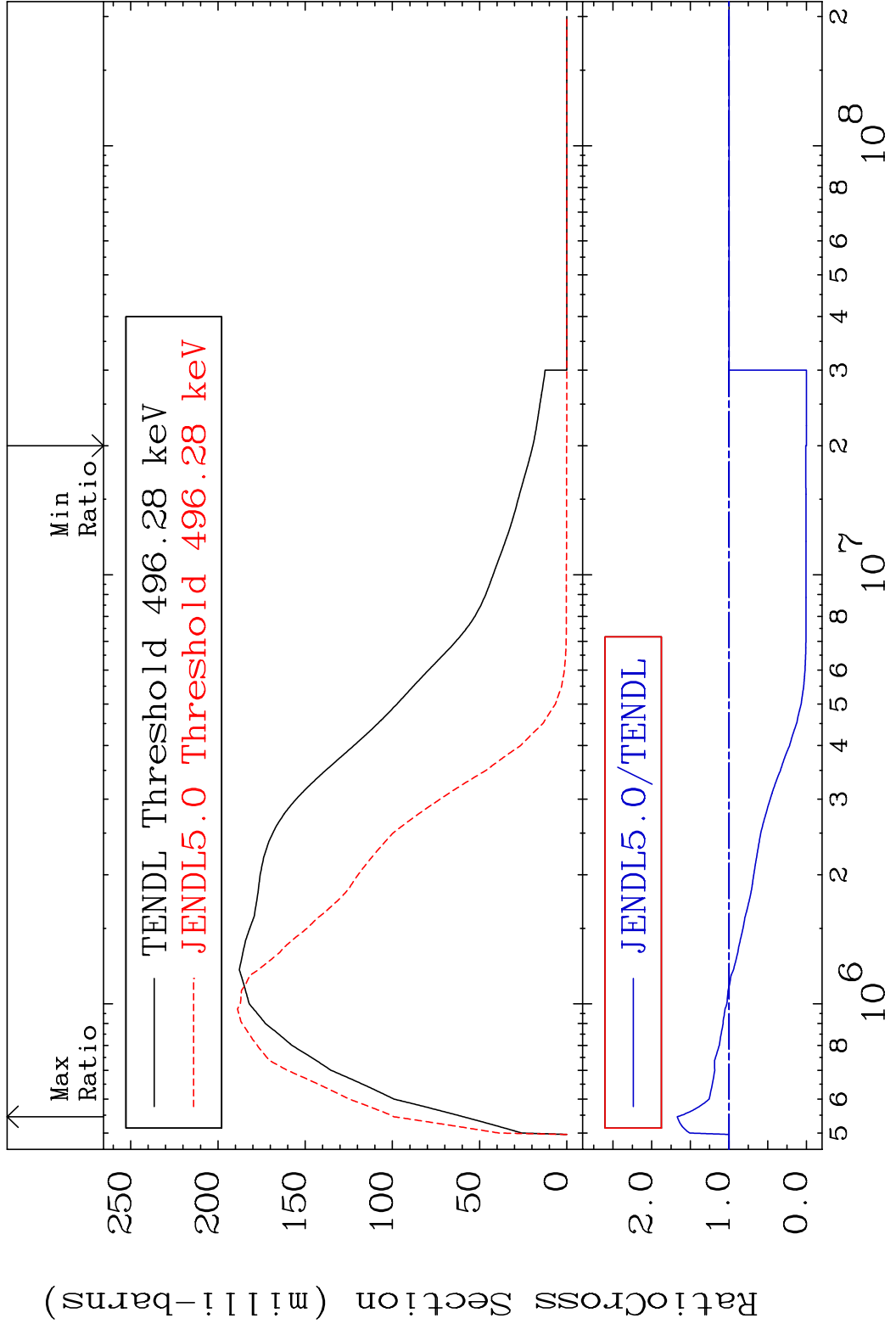
MAT 7931 MT= 52 (n,n') Level 79-Au-199  
 Cross Section -100.0 To 564.1 %



MAT 7931 MT= 53 (n,n') Level 79-Au-199  
 Cross Section -100.0 To 27.89 %

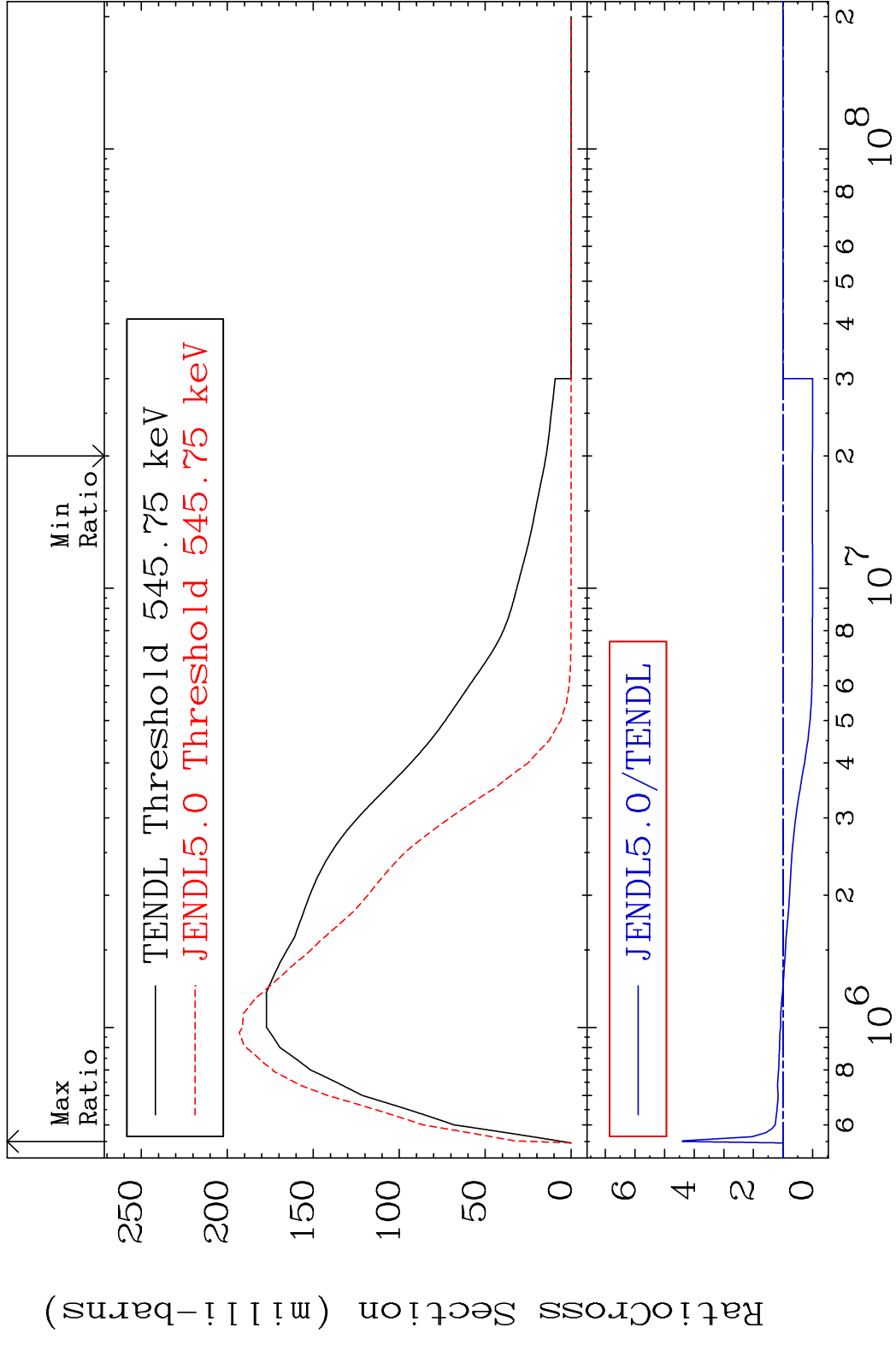


MAT 7931 MT= 54 (n, n') Level 79-Au-199  
 Cross Section -100.0 To 67.02 %

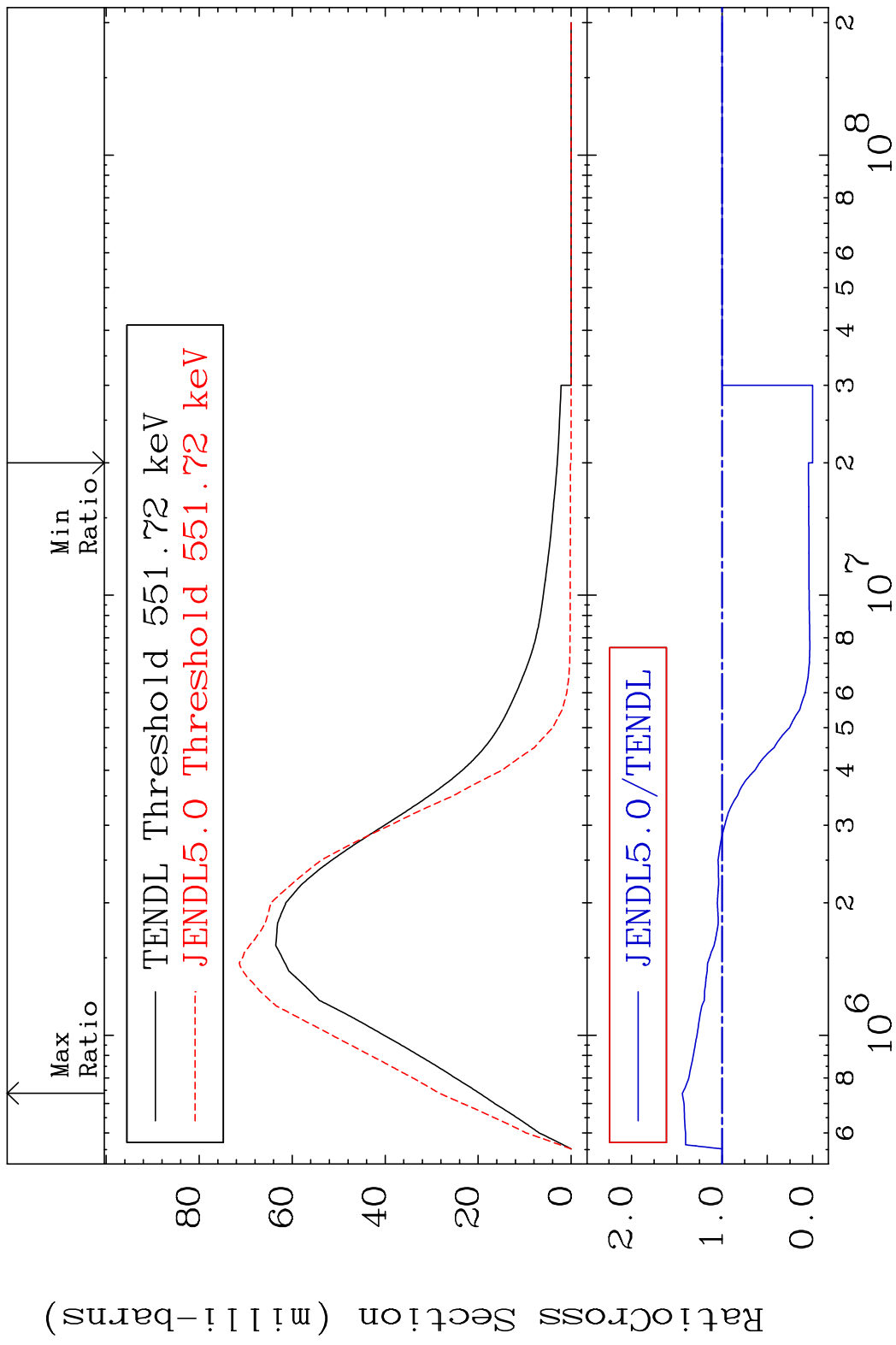




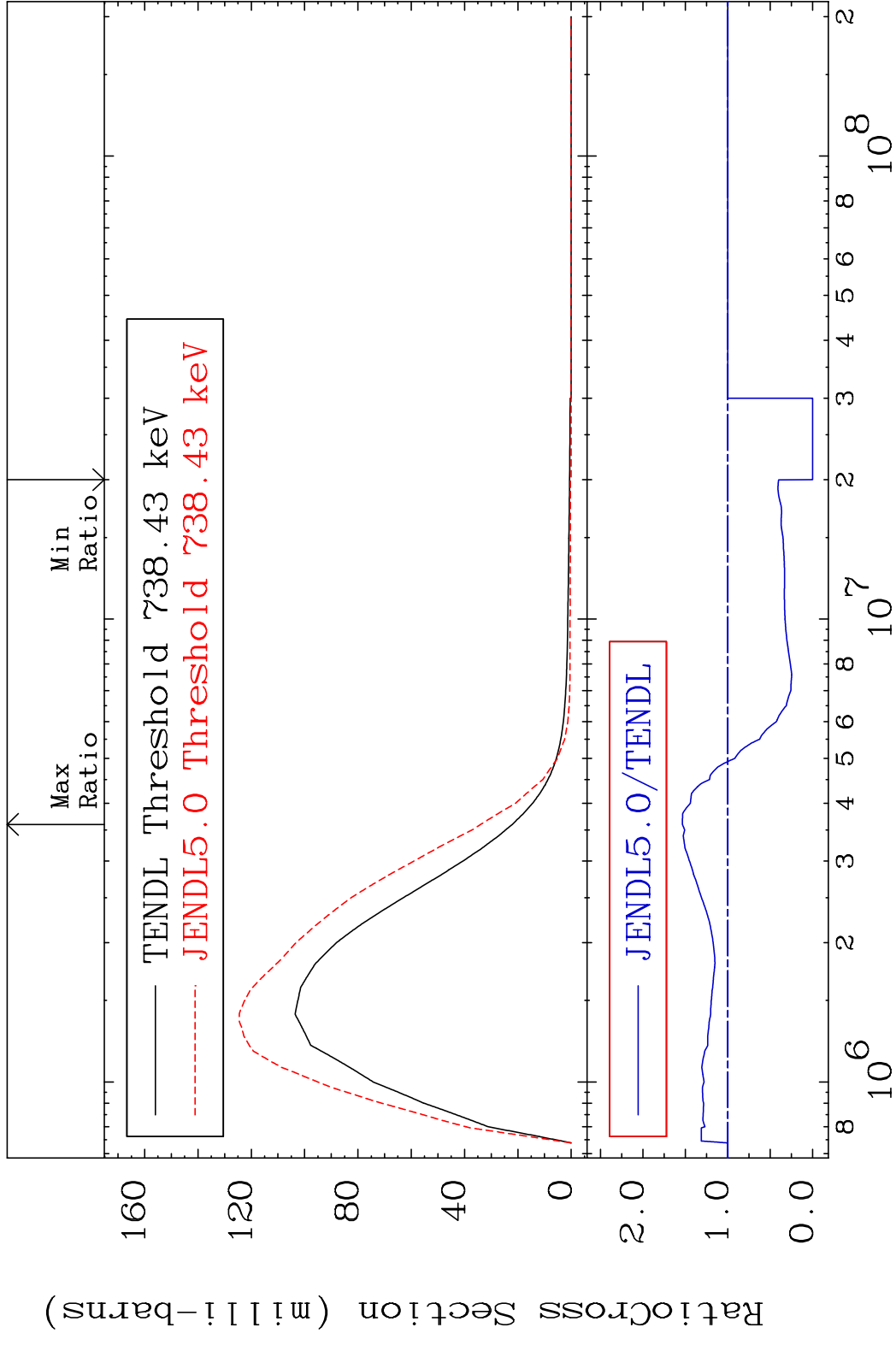
MAT 7931 MT= 55 (n, n') Level 79-Au-199  
 Cross Section -100.0 To 340.0 %



MAT 7931 MT= 56 (n, n') Level 79-Au-199  
 Cross Section -100.0 To 43.90 %

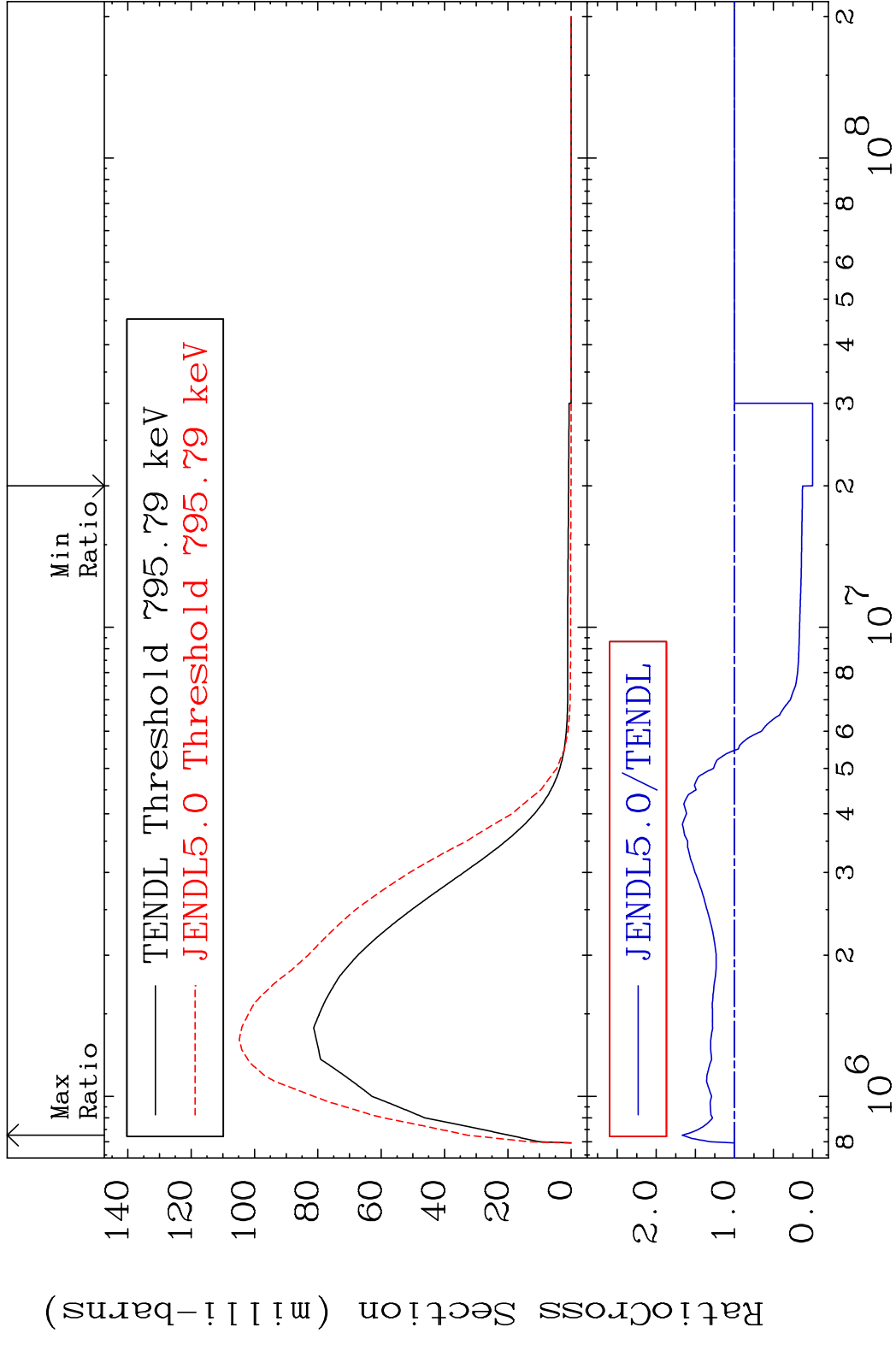


MAT 7931 MT= 57 (n, n') Level 79-Au-199  
 Cross Section -100.0 To 53.58 %

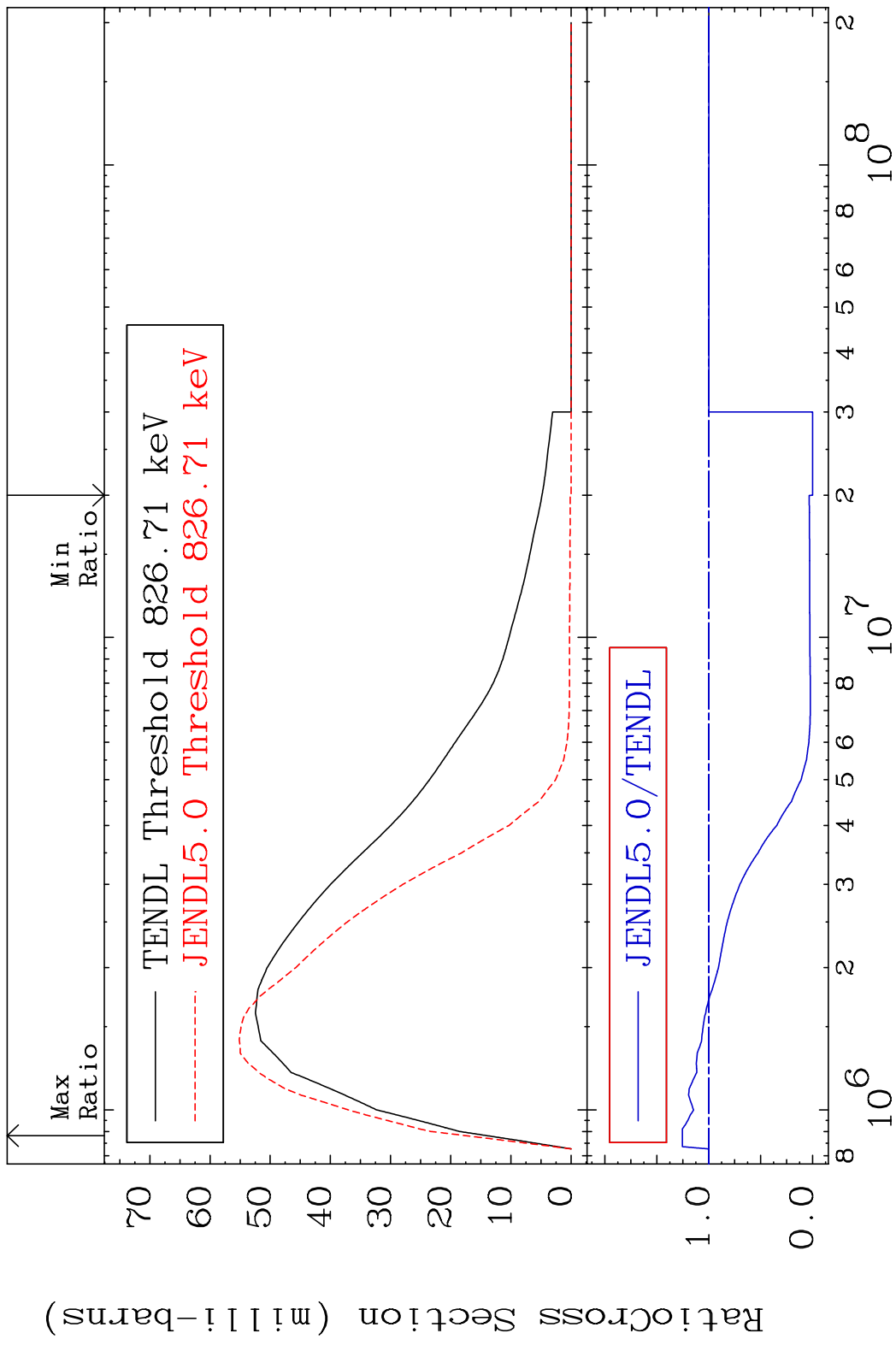


18 Incident Energy (eV) 79-Au-199

MAT 7931 MT= 58 (n,n') Level 79-Au-199  
 Cross Section -100.0 To 66.59 %

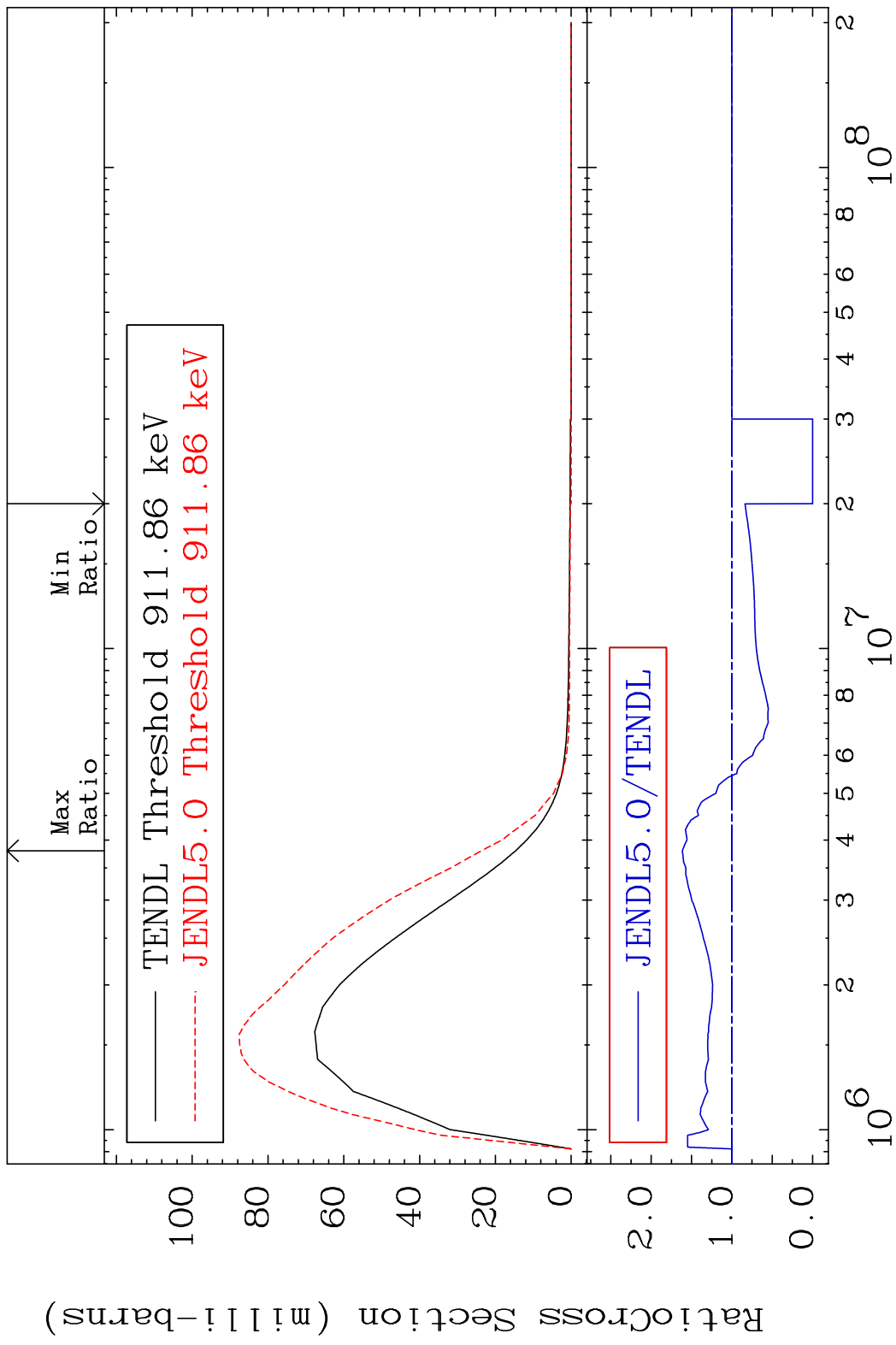


MAT 7931 MT= 59 (n, n') Level 79-Au-199  
 Cross Section -100.0 To 25.43 %



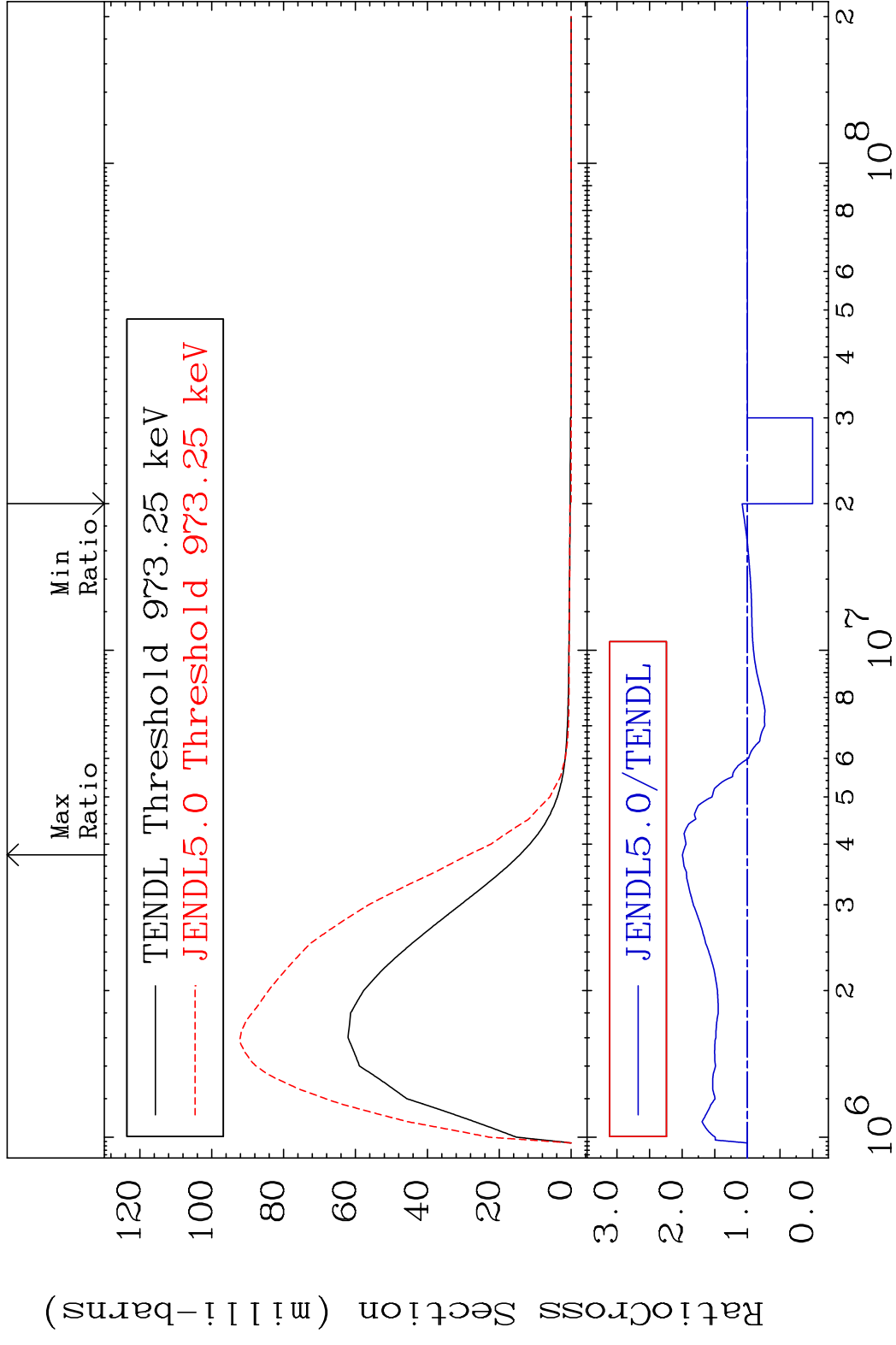
20 Incident Energy (eV) 79-Au-199

MAT 7931 MT= 60 (n, n') Level 79-Au-199  
 Cross Section -100.0 To 61.37 %

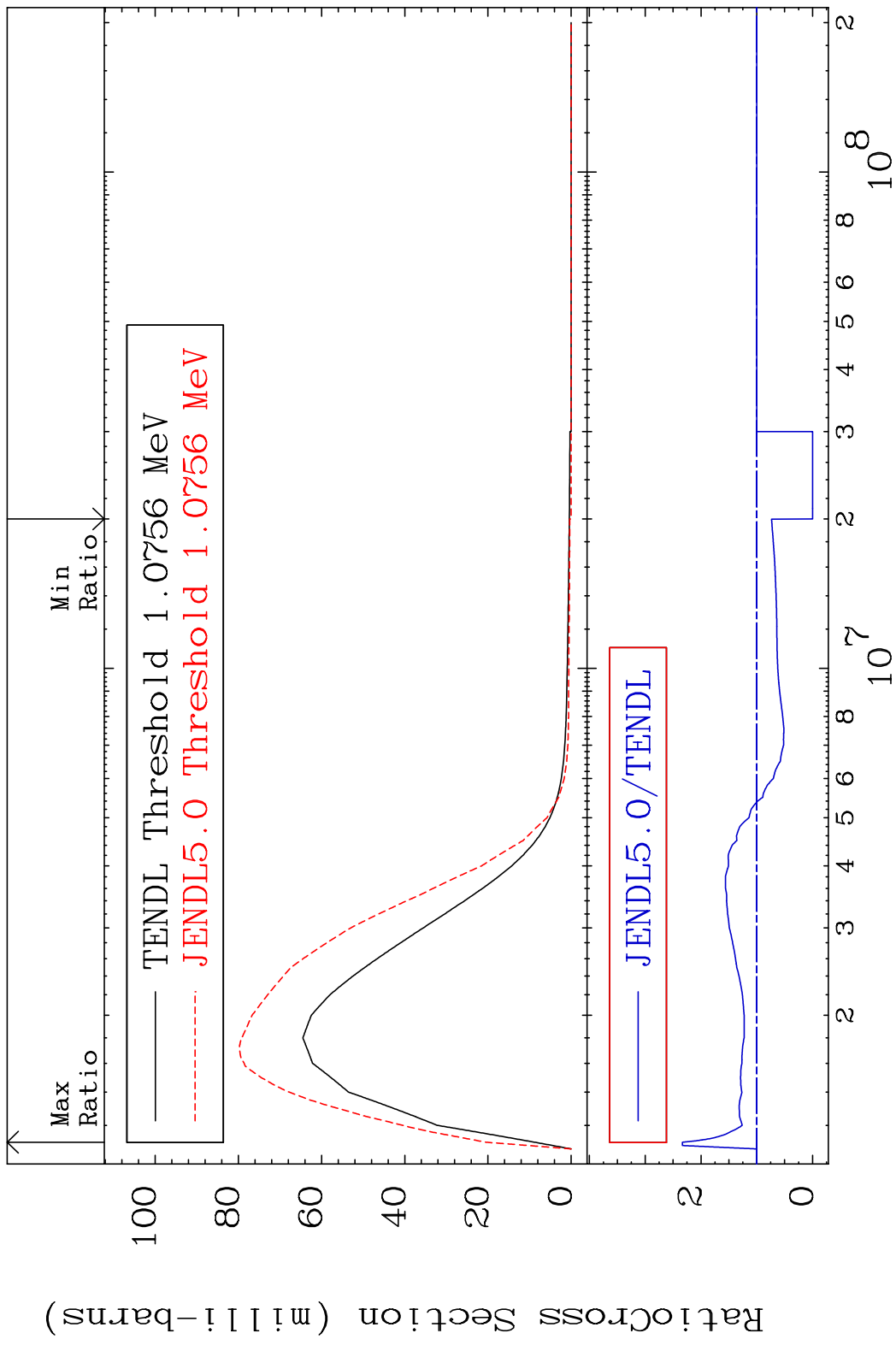


21 Incident Energy (eV) 79-Au-199

MAT 7931 MT= 61 (n, n') Level 79-Au-199  
 Cross Section -100.0 To 99.69 %

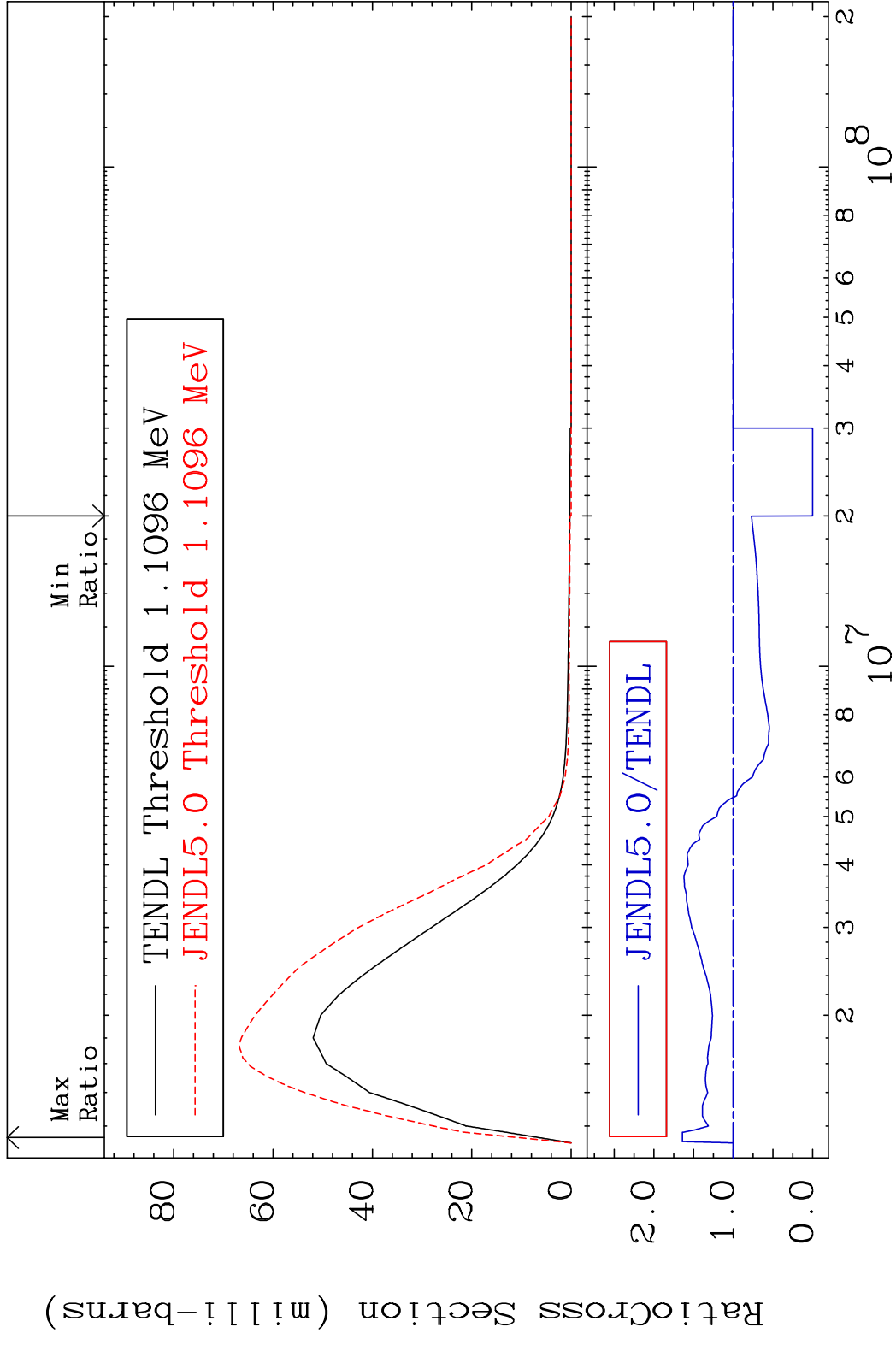


MAT 7931 MT= 62 (n, n') Level 79-Au-199  
 Cross Section -100.0 To 133.4 %

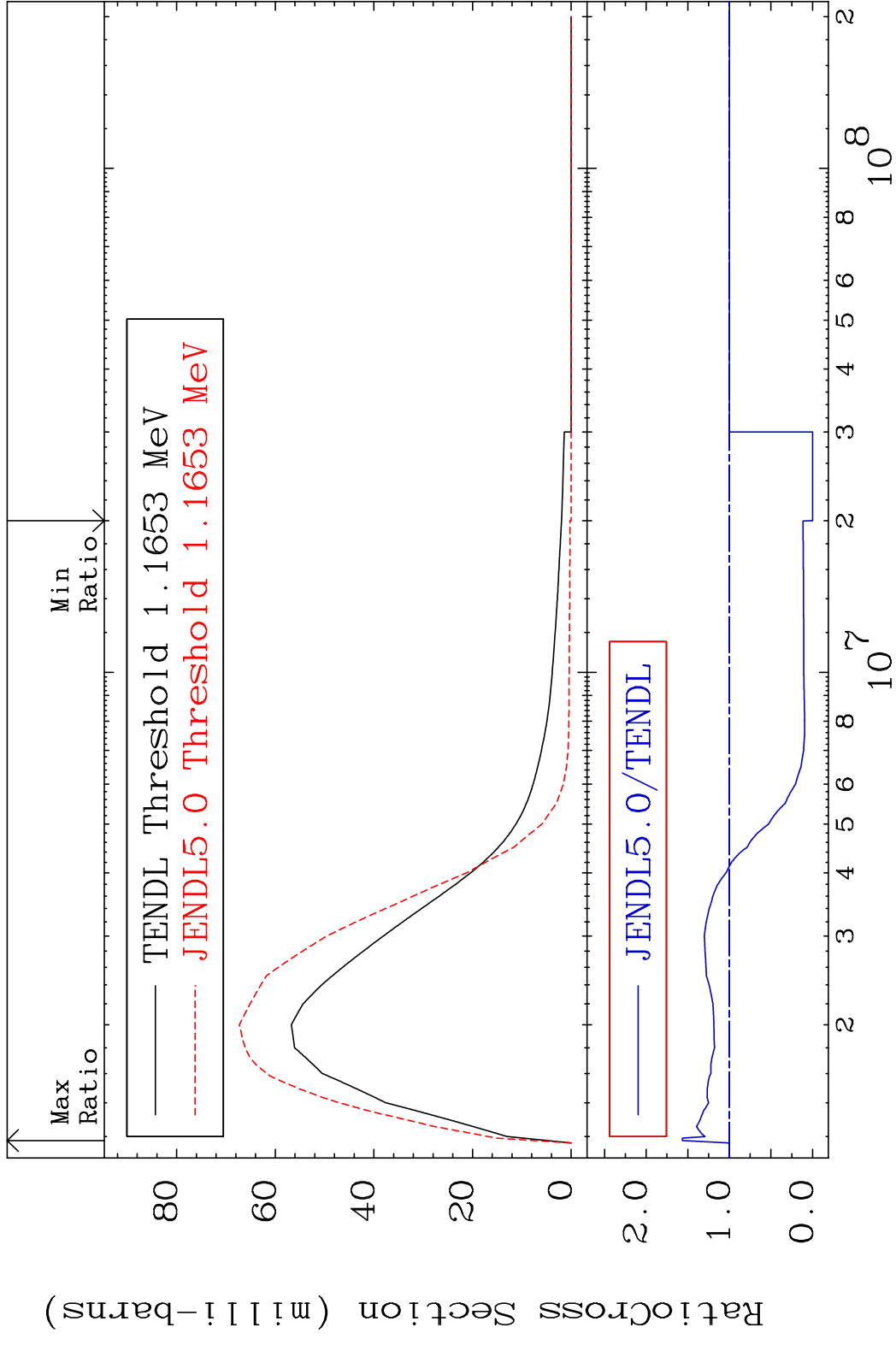




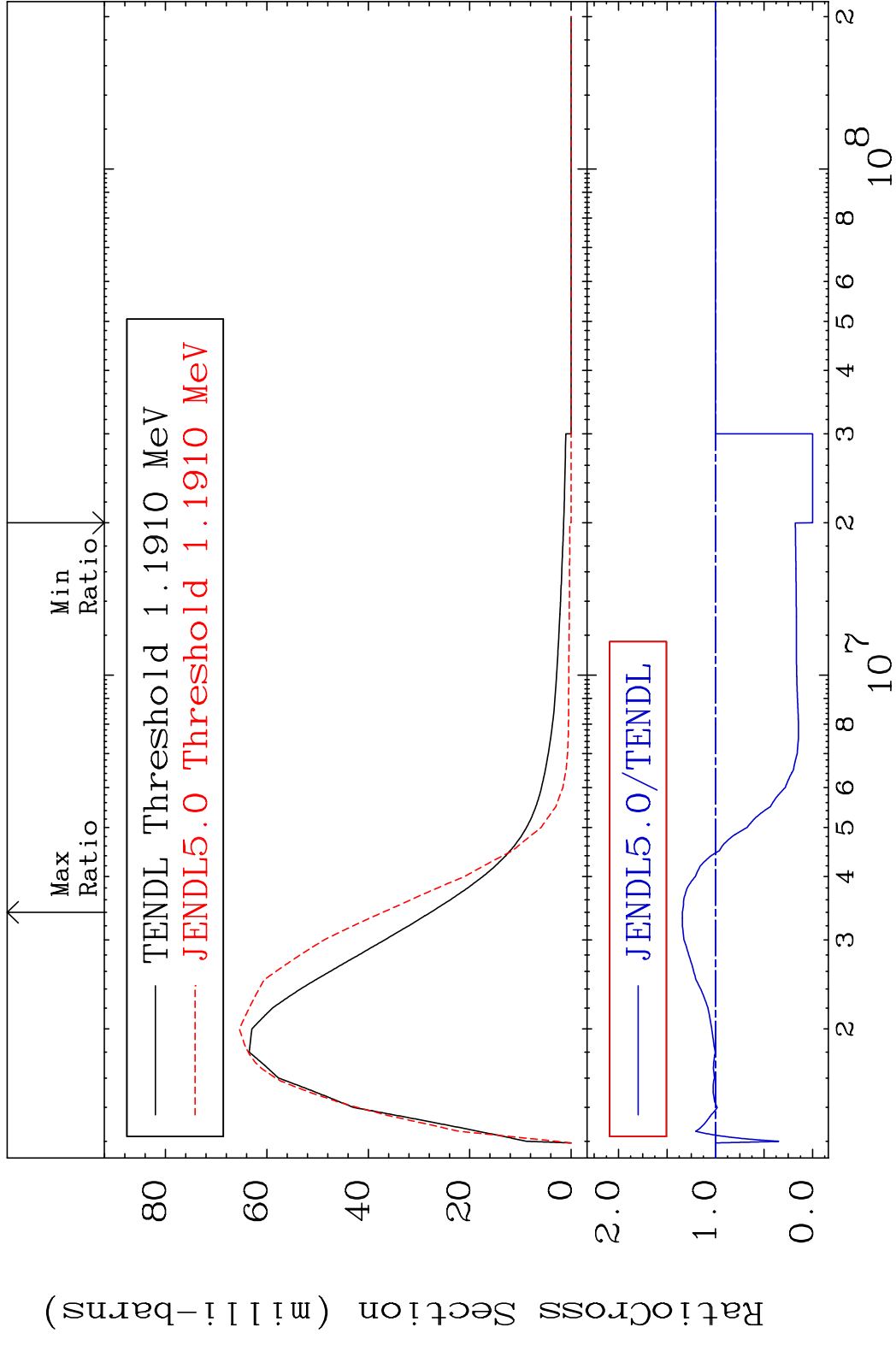
MAT 7931 MT= 63 (n, n') Level 79-Au-199  
 Cross Section -100.0 To 64.17 %



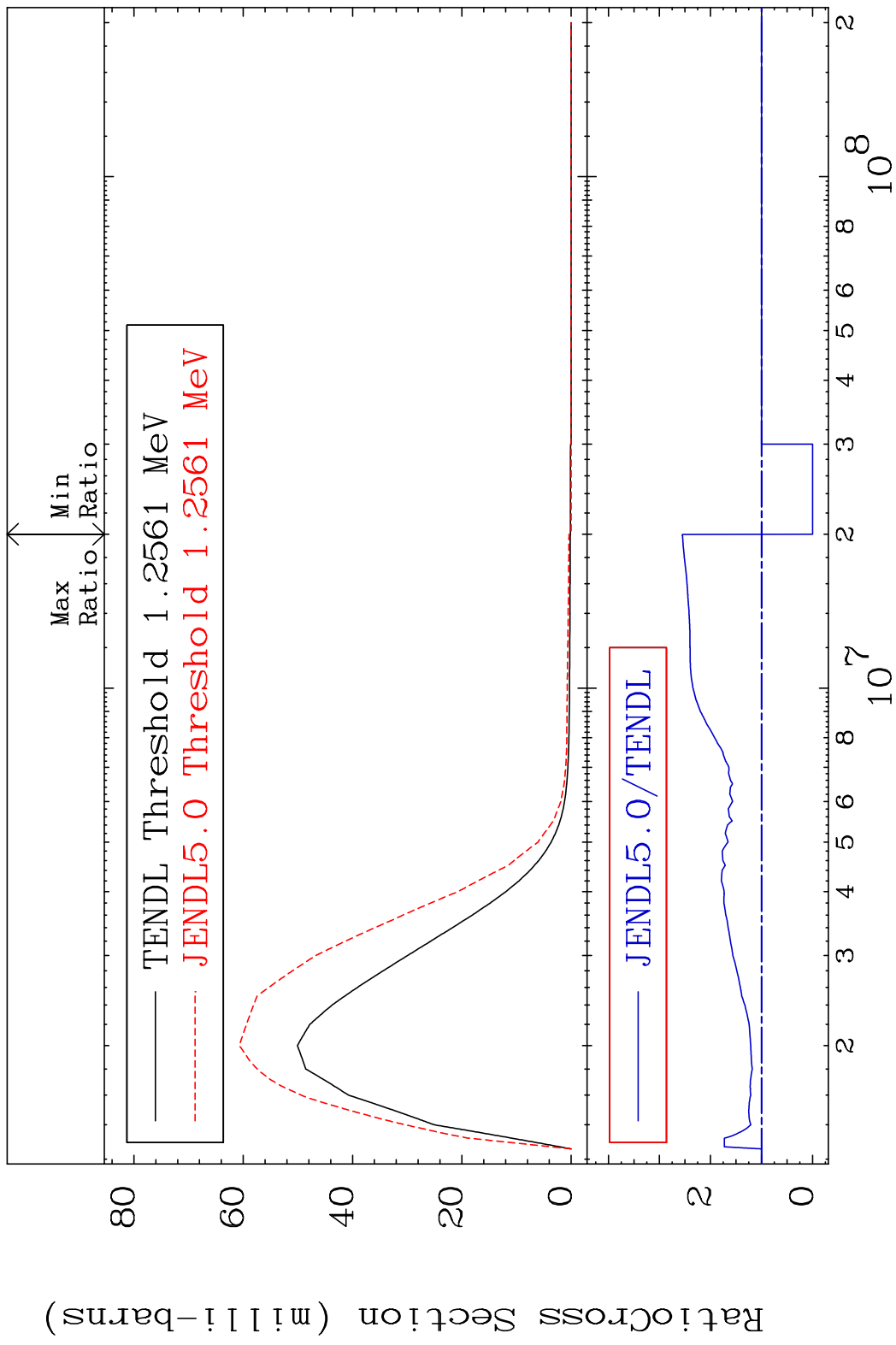
MAT 7931 MT= 64 (n, n') Level 79-Au-199  
 Cross Section -100.0 To 56.53 %



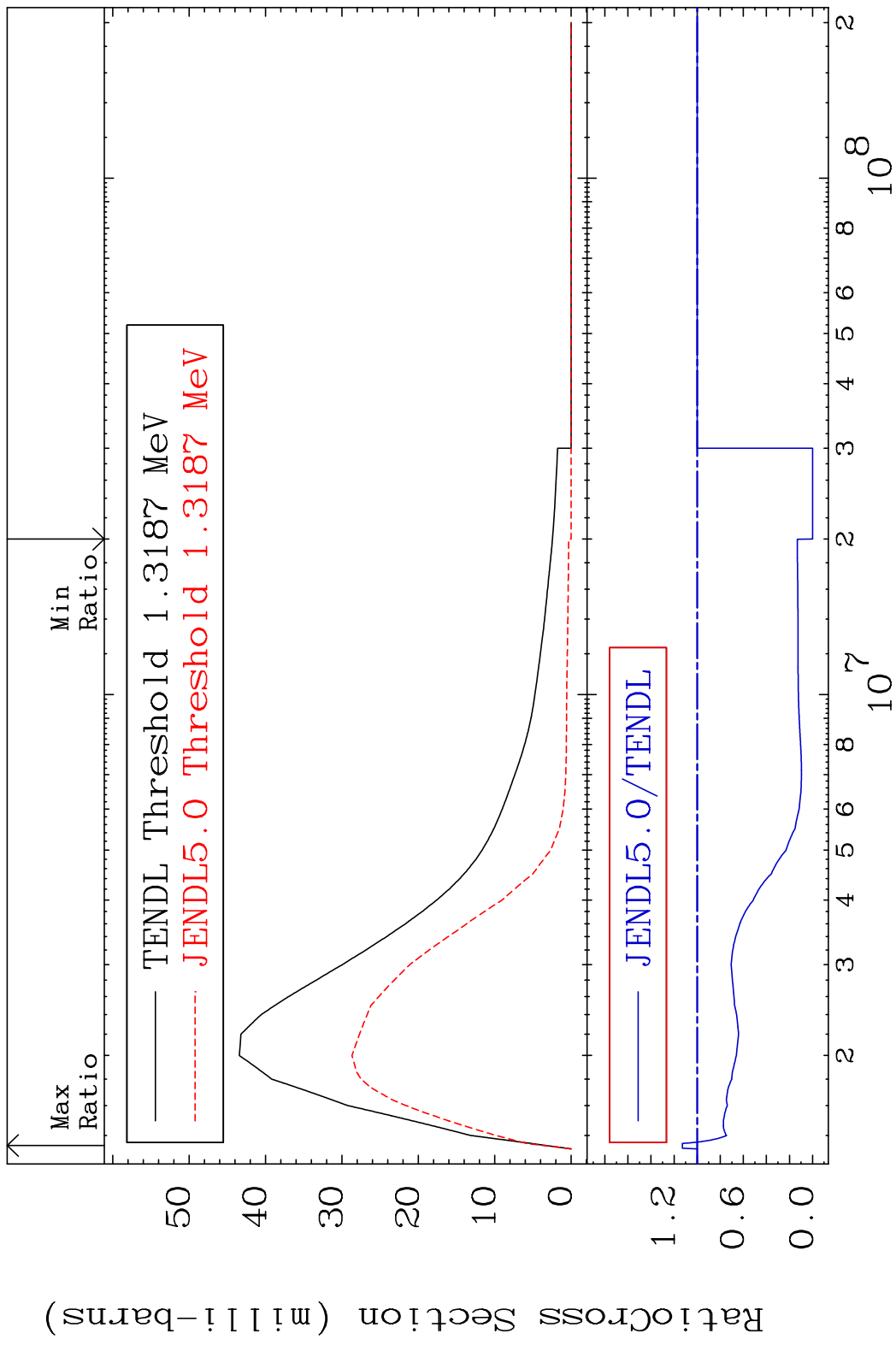
MAT 7931 MT= 65 (n, n') Level 79-Au-199  
 Cross Section -100.0 To 34.18 %



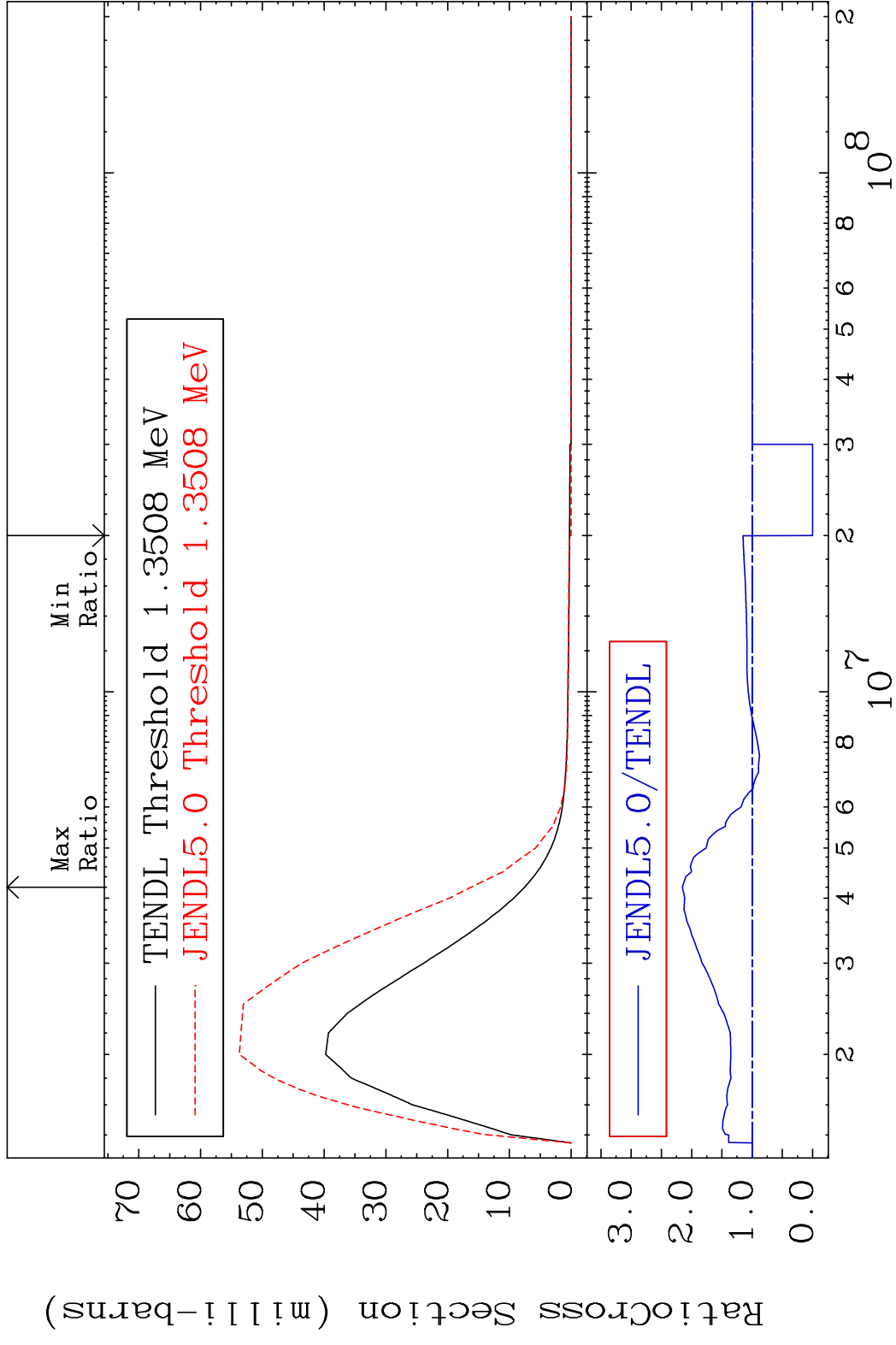
MAT 7931 MT= 66 (n, n') Level 79-Au-199  
 Cross Section -100.0 To 155.1 %



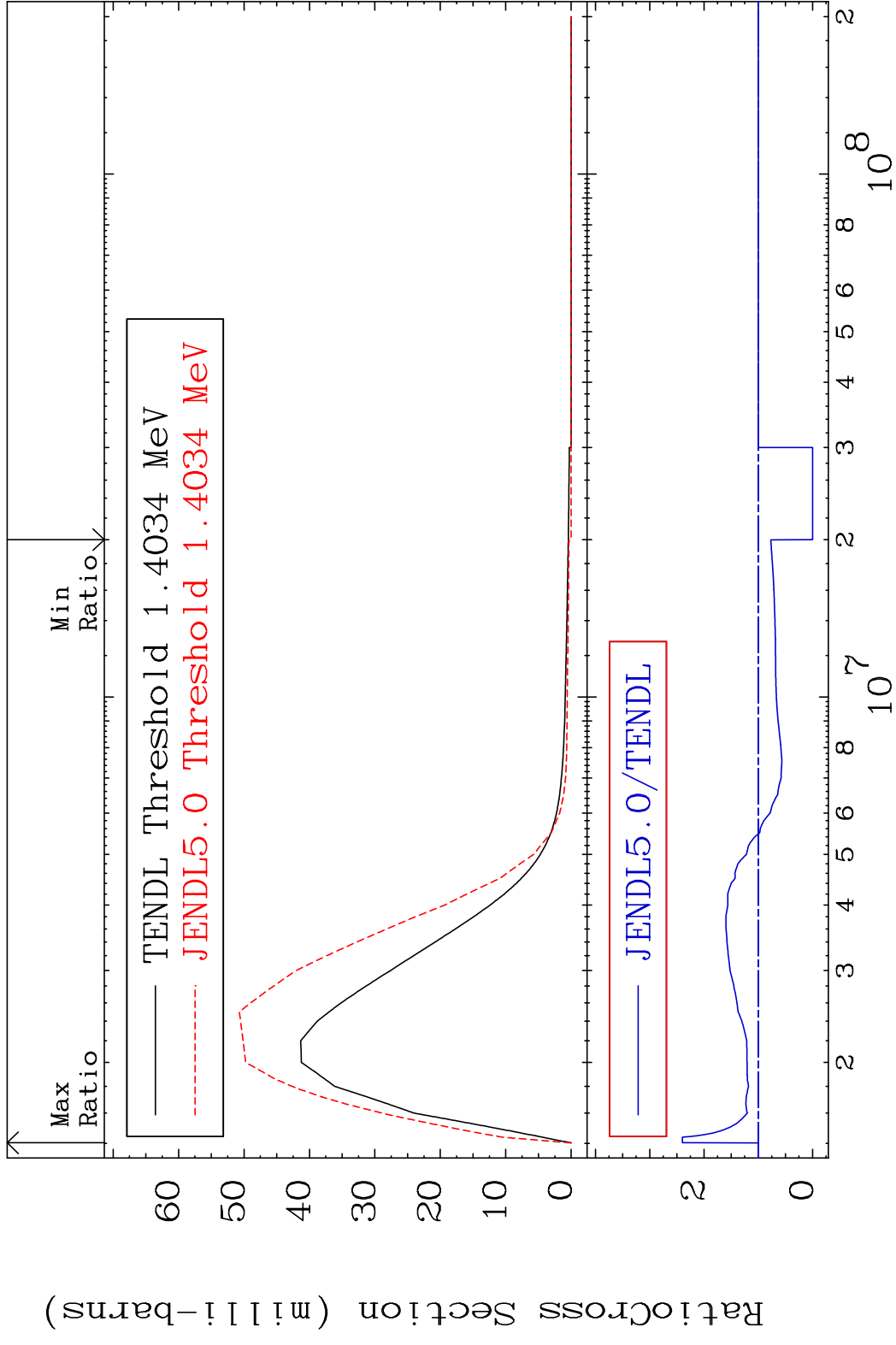
MAT 7931 MT= 67 (n,n') Level 79-Au-199  
 Cross Section -100.0 To 12.83 %



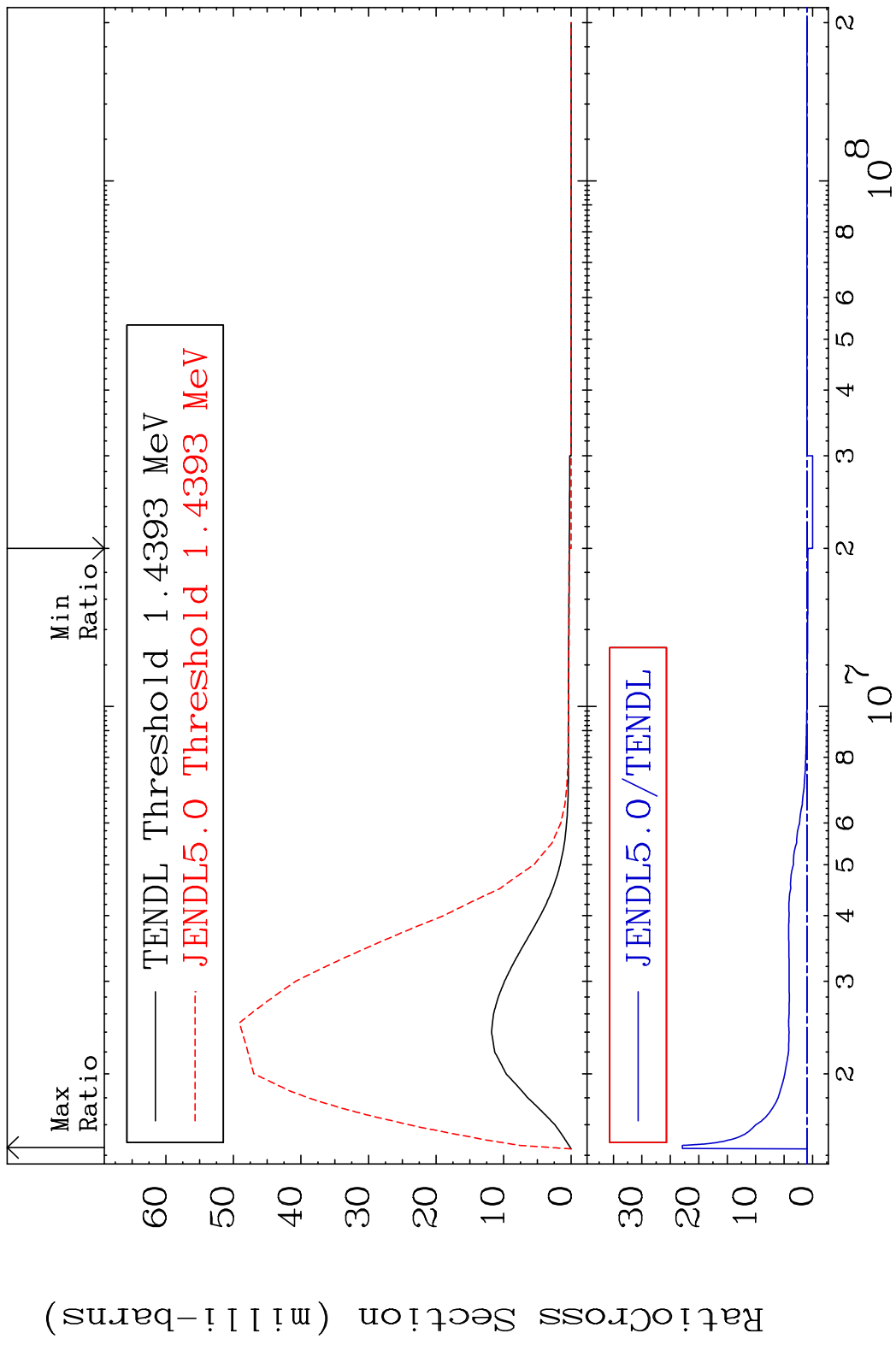
MAT 7931 MT= 68 (n, n') Level 79-Au-199  
 Cross Section -100.0 To 115.4 %



MAT 7931 MT= 69 (n, n') Level 79-Au-199  
 Cross Section -100.0 To 139.9 %

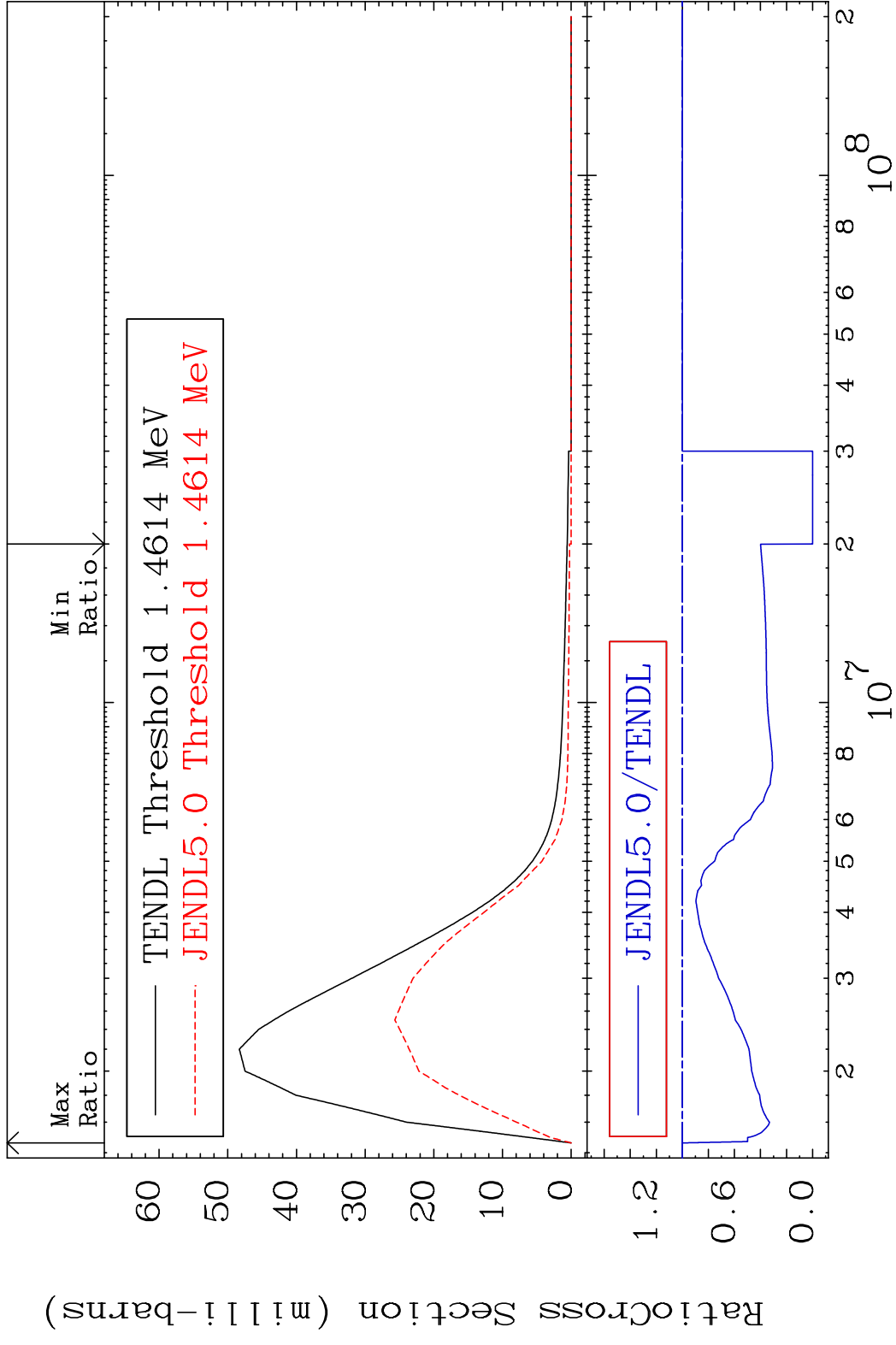


MAT 7931 MT= 70 (n,n') Level 79-Au-199  
 Cross Section -100.0 To 2189. %

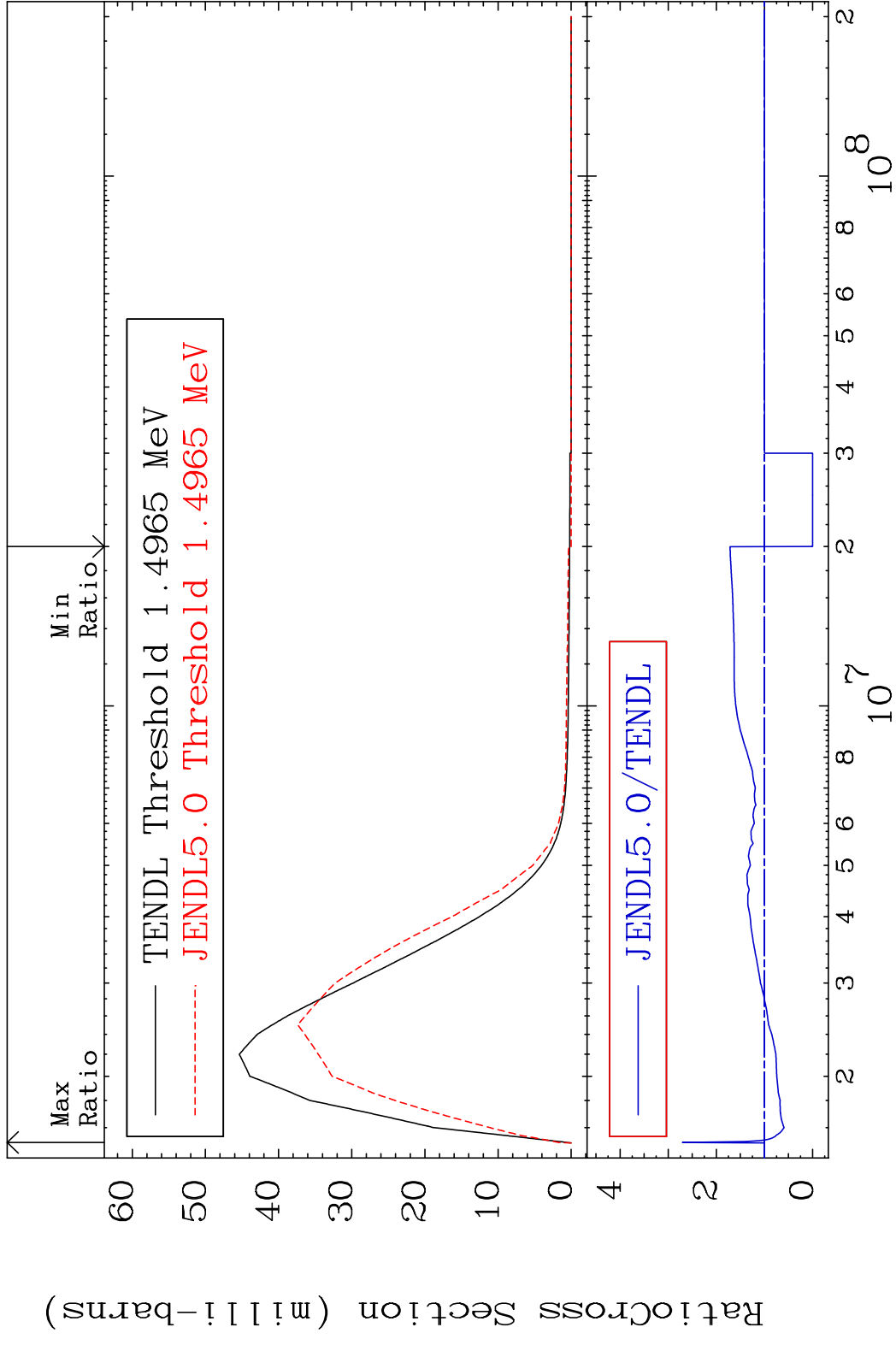




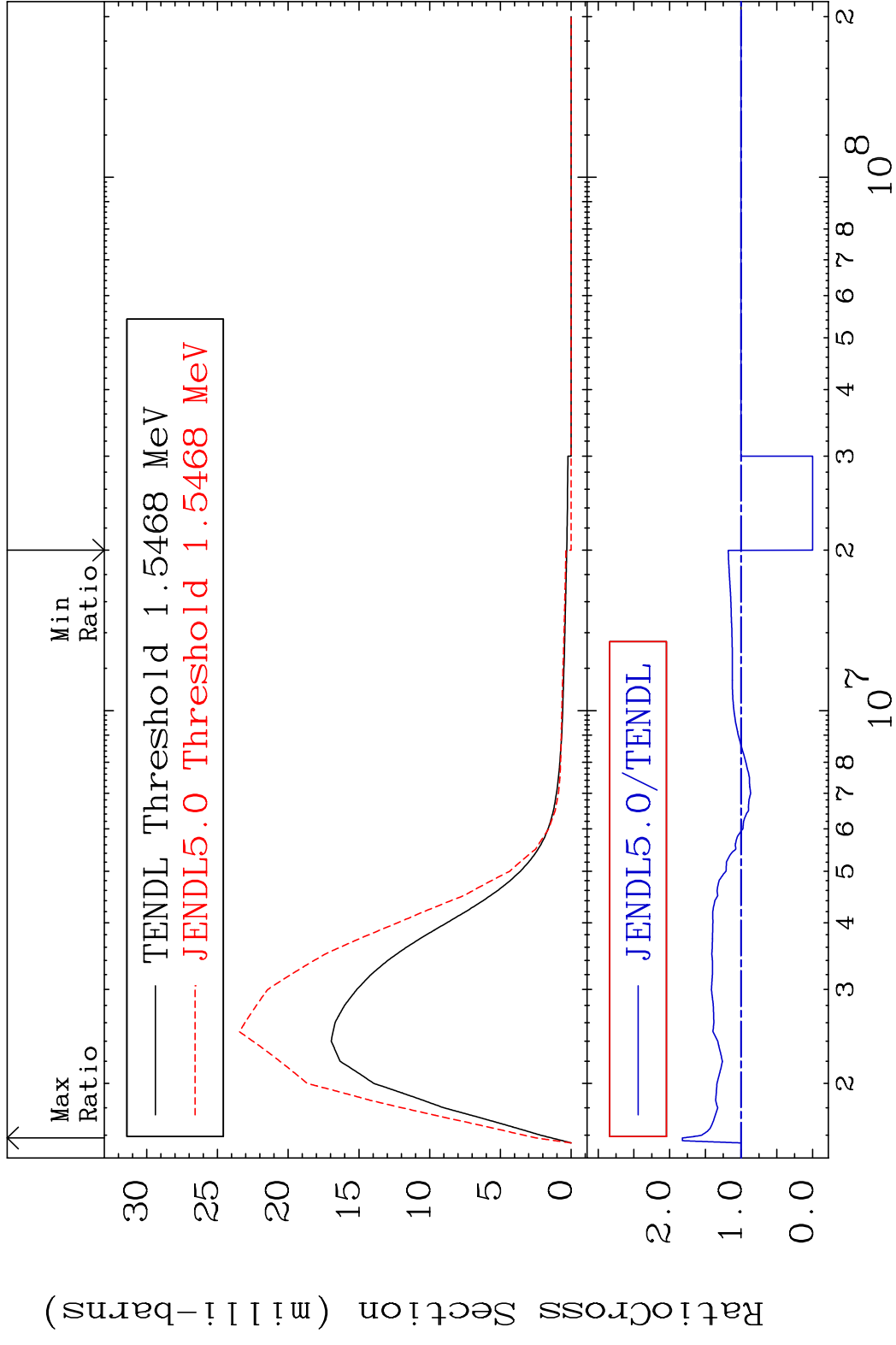
MAT 7931 MT= 71 (n, n') Level 79-Au-199  
 Cross Section -100.0 To 0.000 %



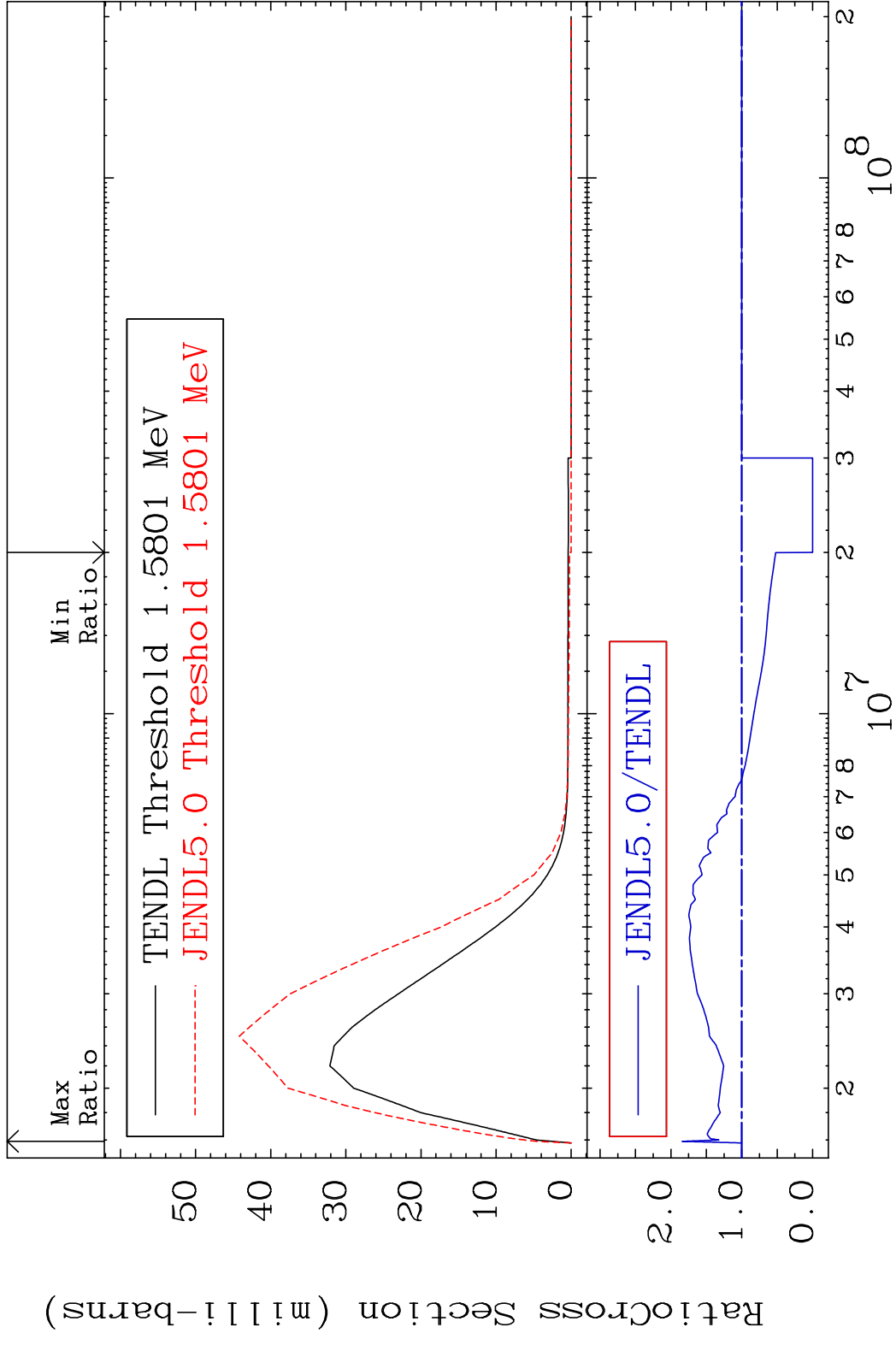
MAT 7931 MT= 72 (n, n') Level 79-Au-199  
 Cross Section -100.0 To 170.6 %



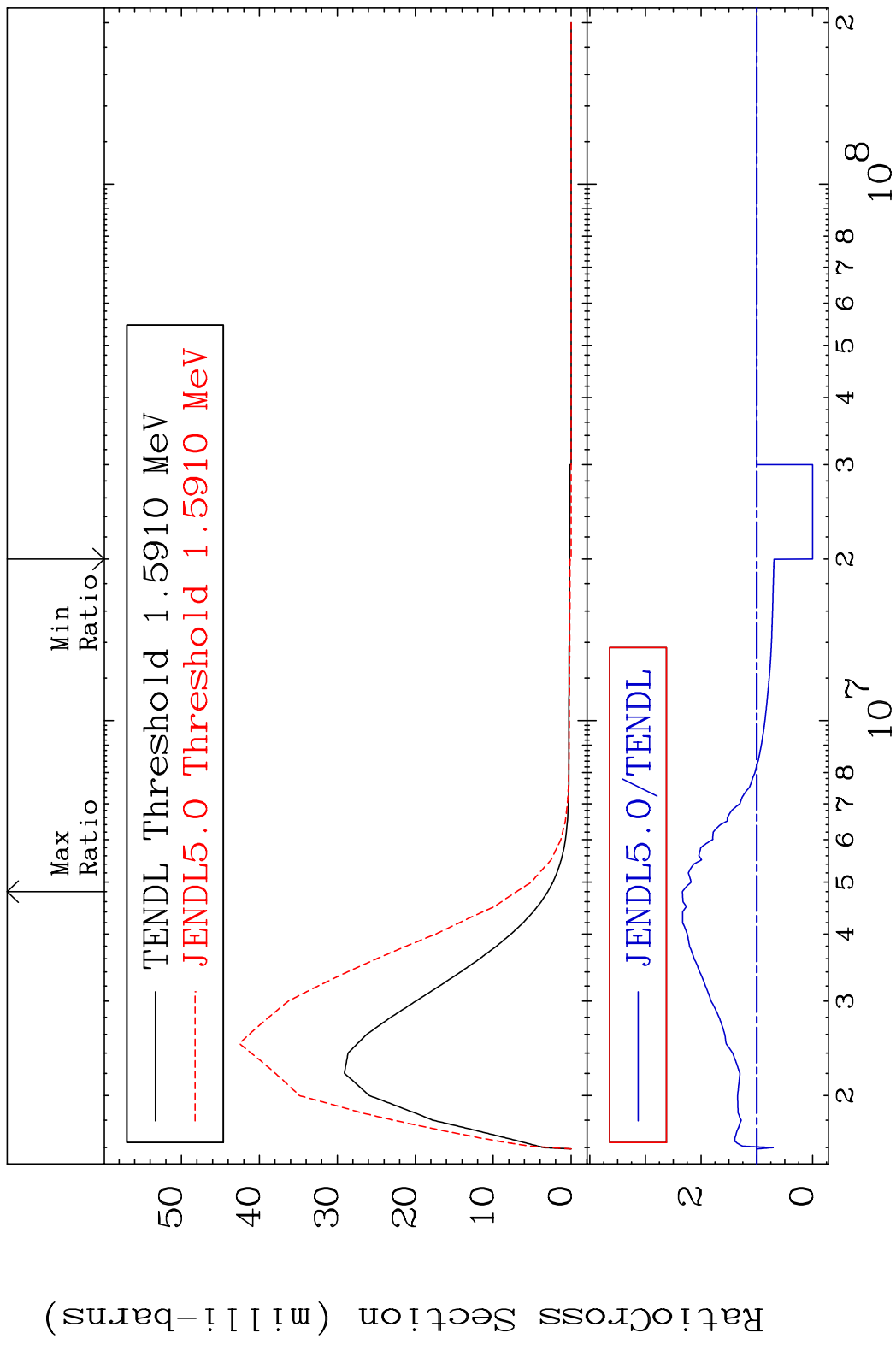
MAT 7931 MT= 73 (n, n') Level 79-Au-199  
 Cross Section -100.0 To 82.16 %



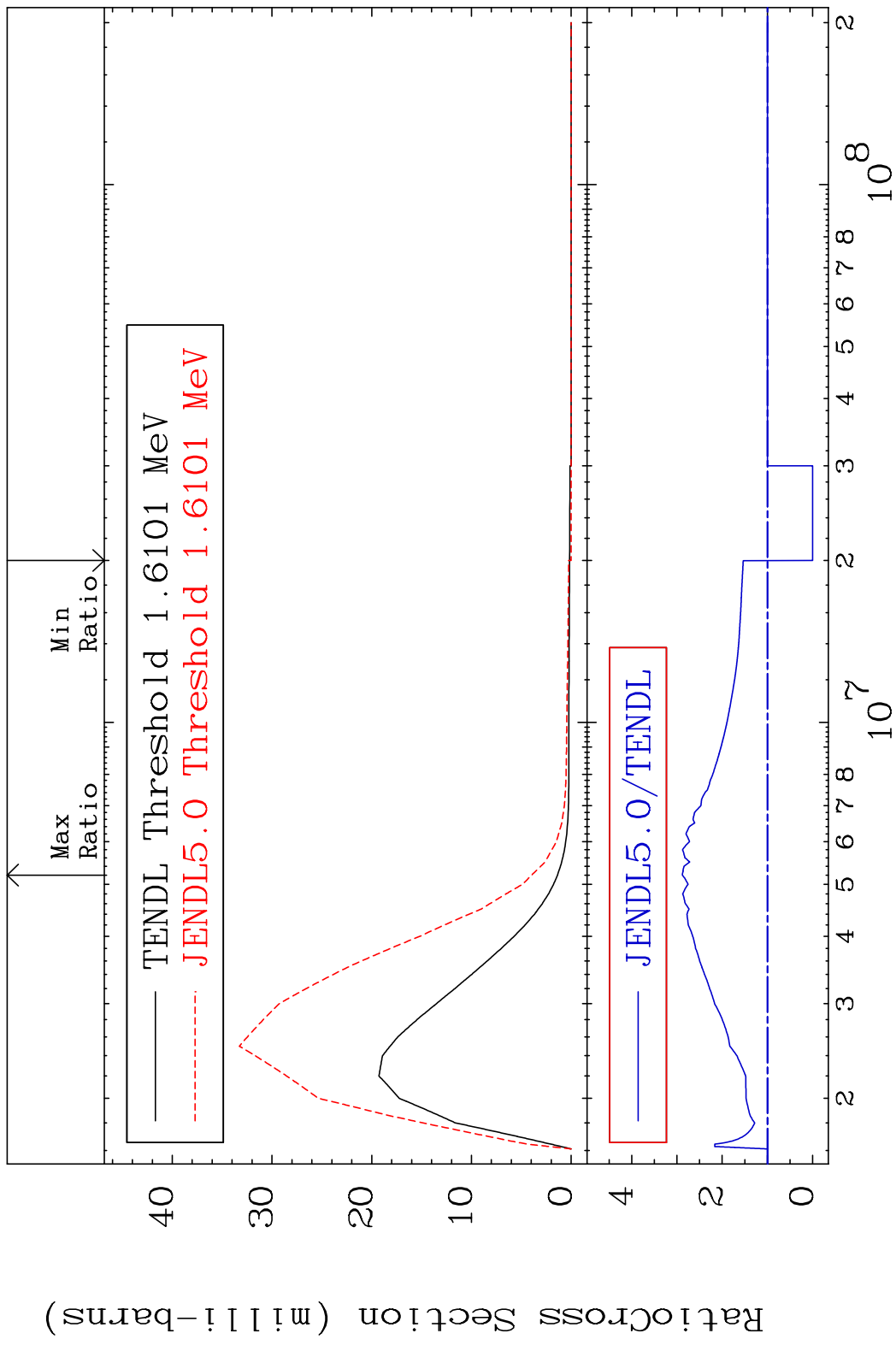
MAT 7931 MT= 74 (n, n') Level 79-Au-199  
 Cross Section -100.0 To 83.86 %



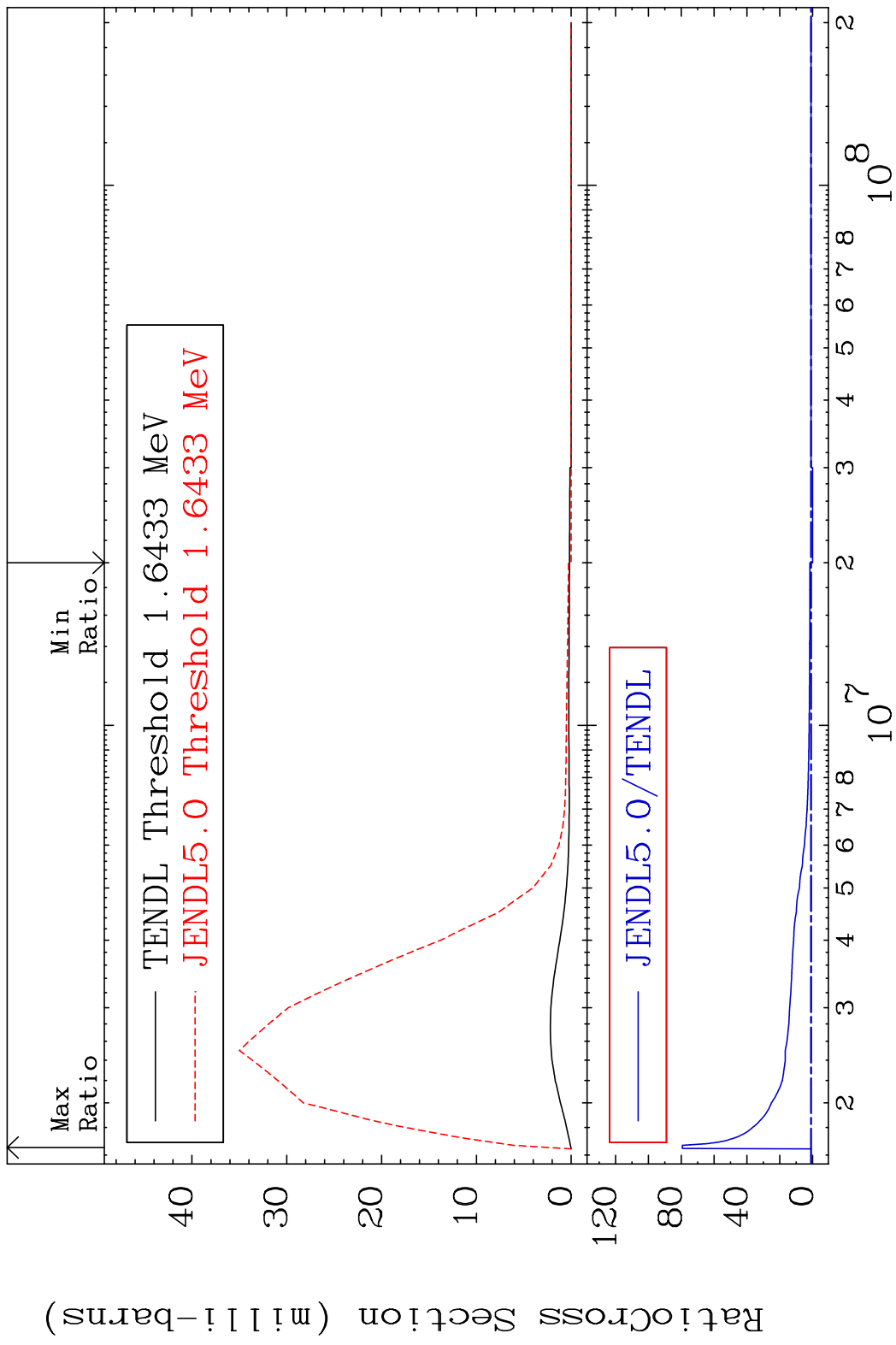
MAT 7931 MT= 75 (n, n') Level 79-Au-199  
 Cross Section -100.0 To 133.7 %



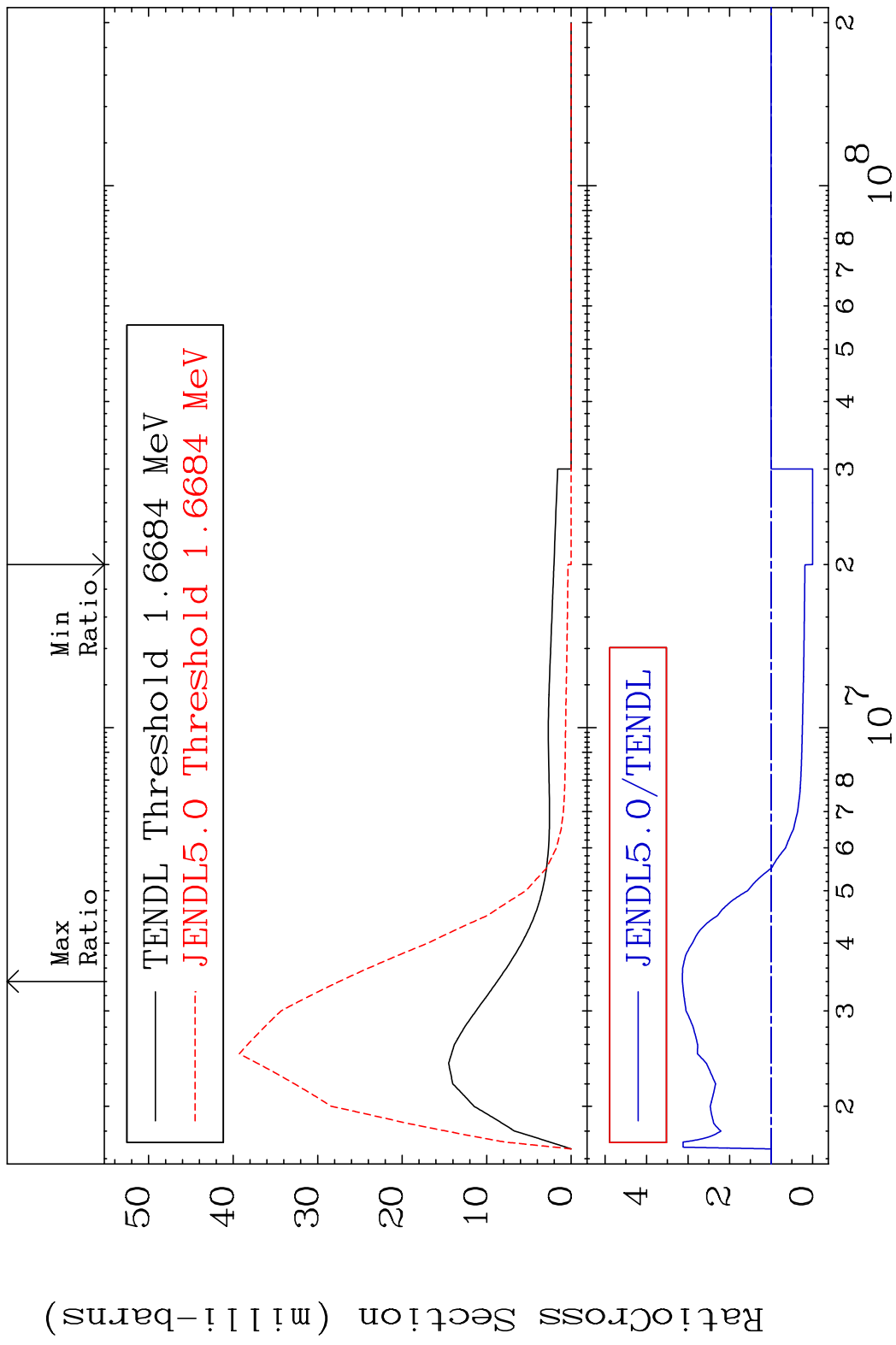
MAT 7931 MT= 76 (n, n') Level 79-Au-199  
 Cross Section -100.0 To 188.1 %



MAT 7931 MT= 77 (n,n') Level 79-Au-199  
 Cross Section -100.0 To 7831. %

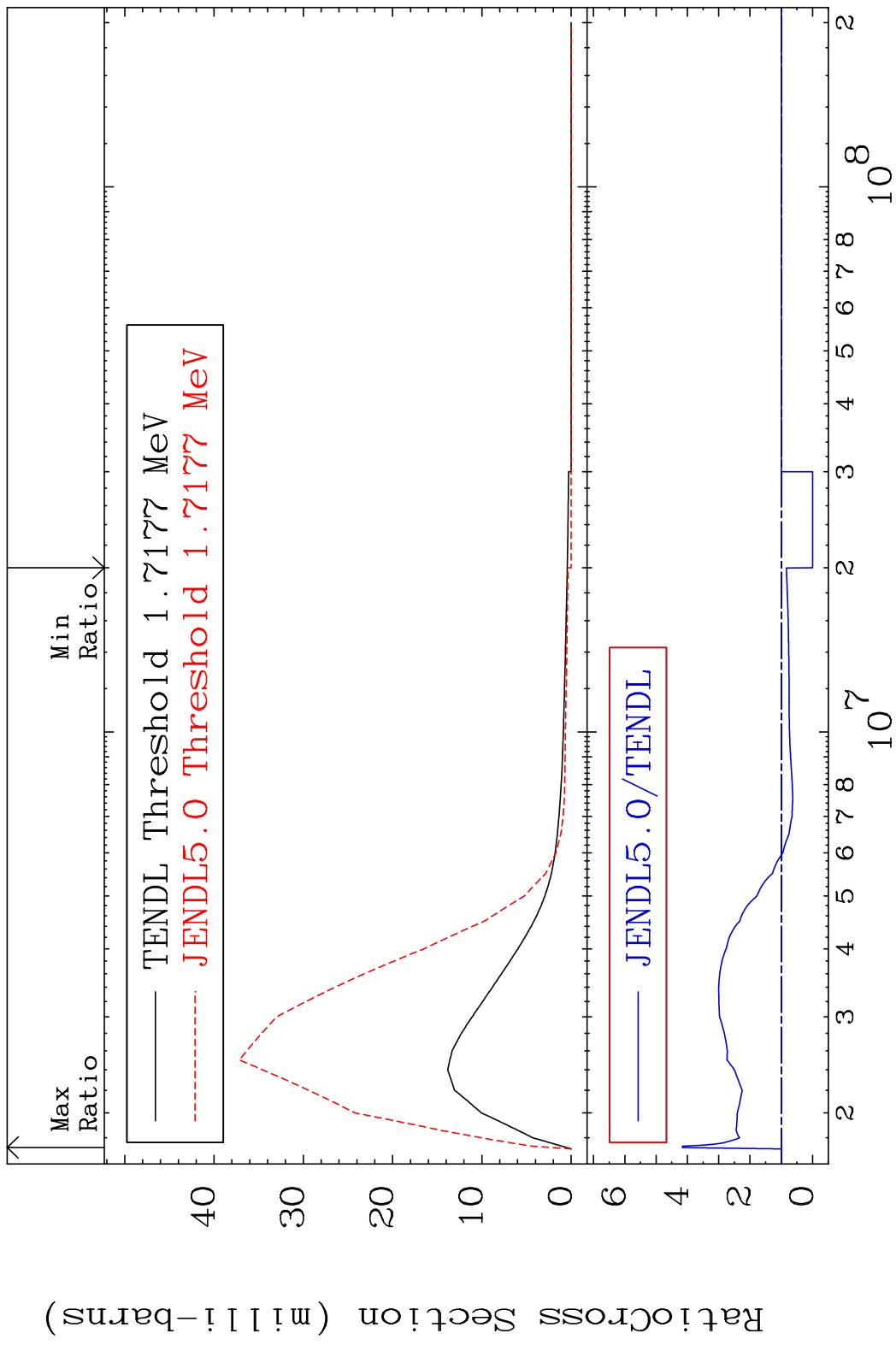


MAT 7931 MT= 78 (n, n') Level 79-Au-199  
 Cross Section -100.0 To 213.8 %





MAT 7931 MT= 79 (n, n') Level 79-Au-199  
 Cross Section -100.0 To 316.1 %



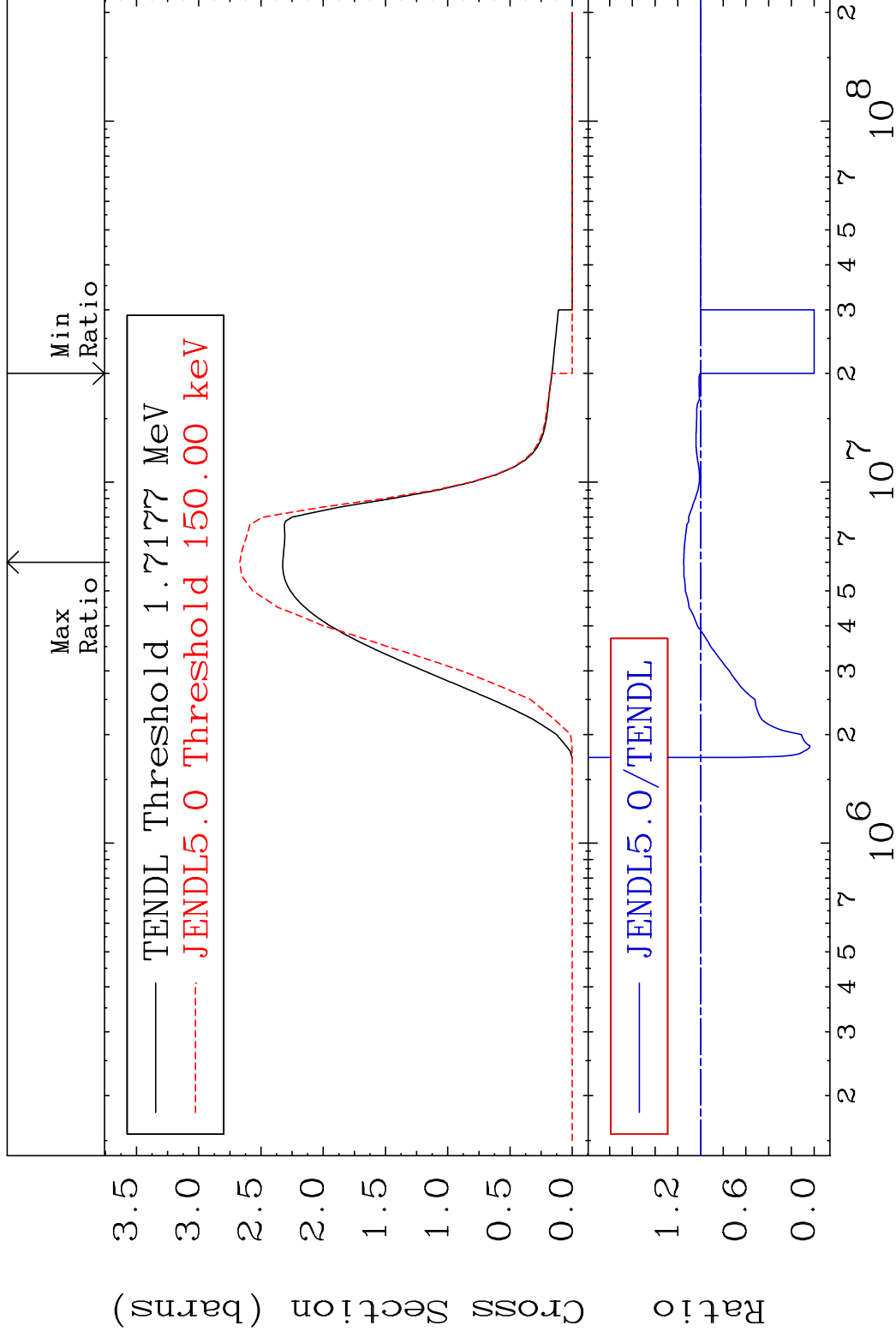
40 Incident Energy (eV) 79-Au-199

MAT 7931

(n, n') Continuum

79-Au-199

Cross Section -100.0 To 14.84 %

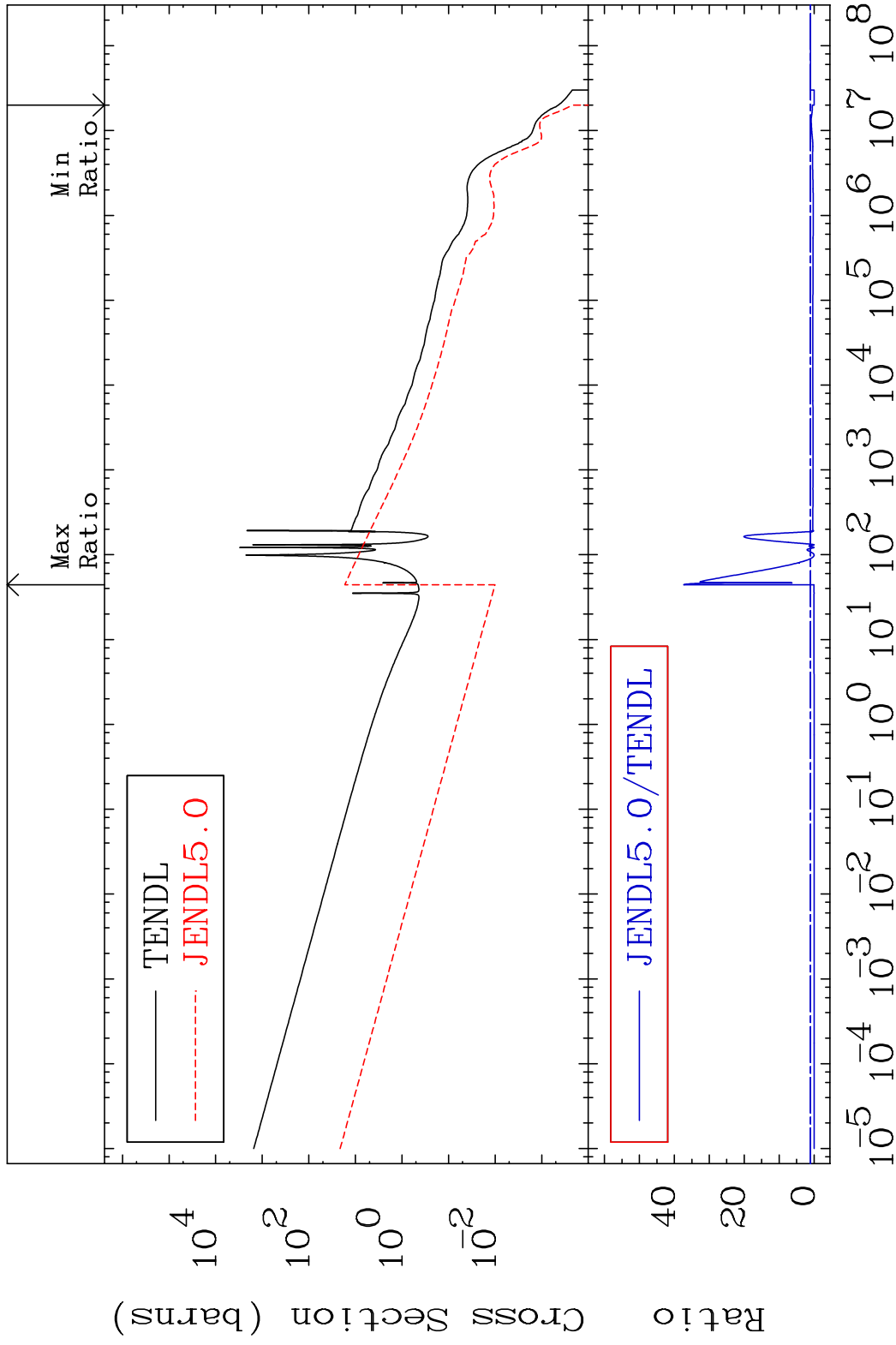


MAT 7931

(n,  $\gamma$ )

79-Au-199

Cross Section -100.0 To 3634. %



42

Incident Energy (eV)

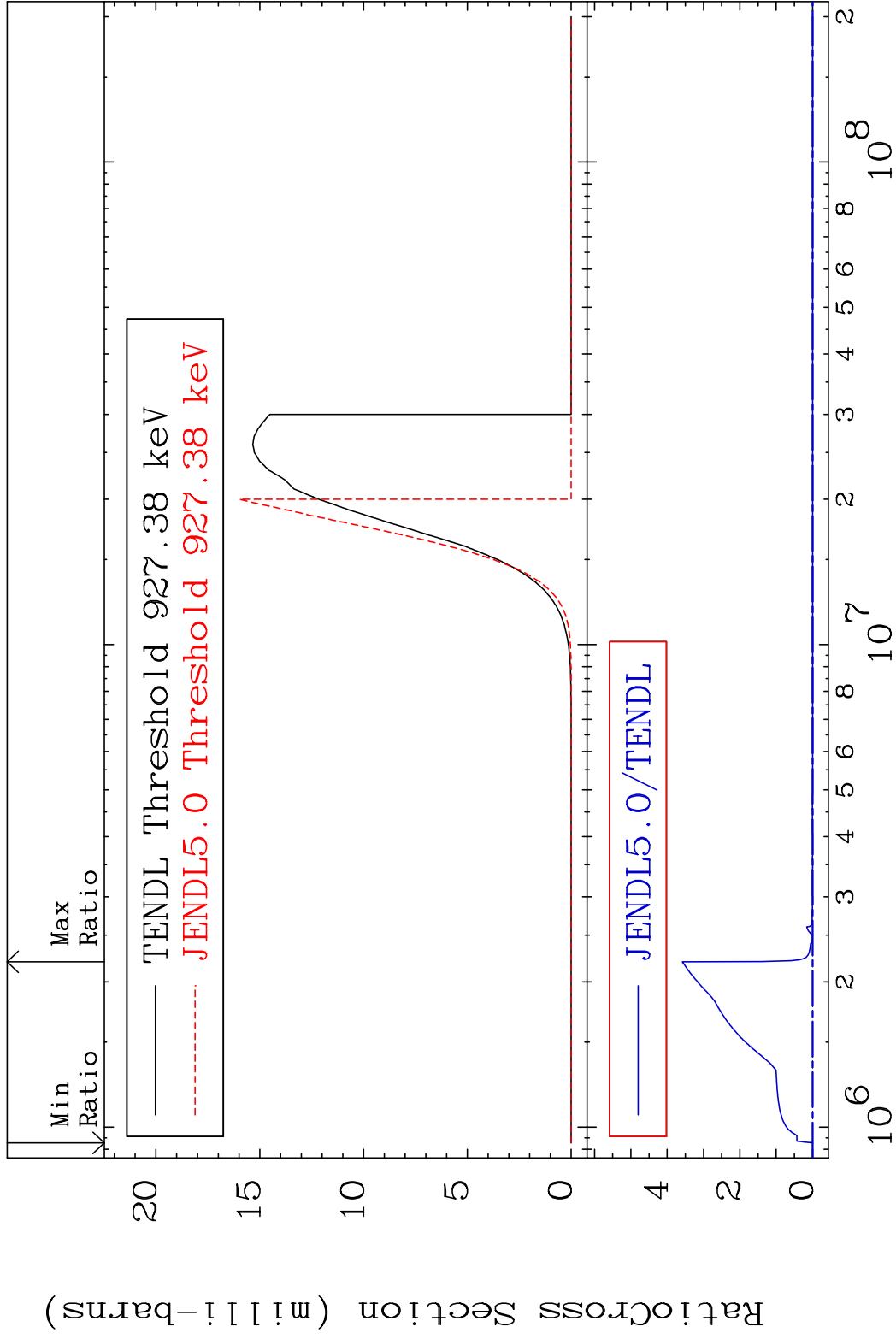
79-Au-199

MAT 7931

(n,p)

79-Au-199

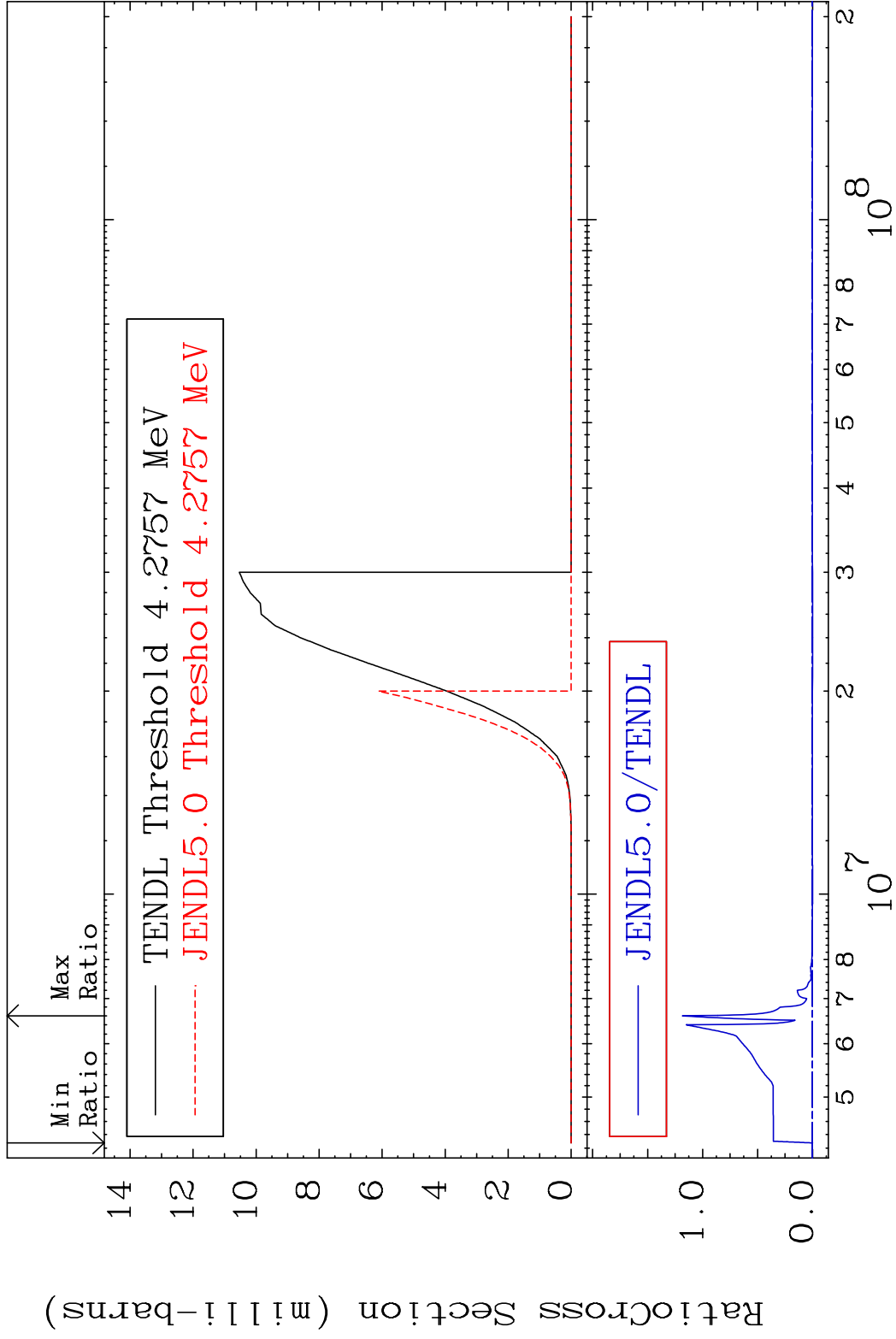
Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

79-Au-199

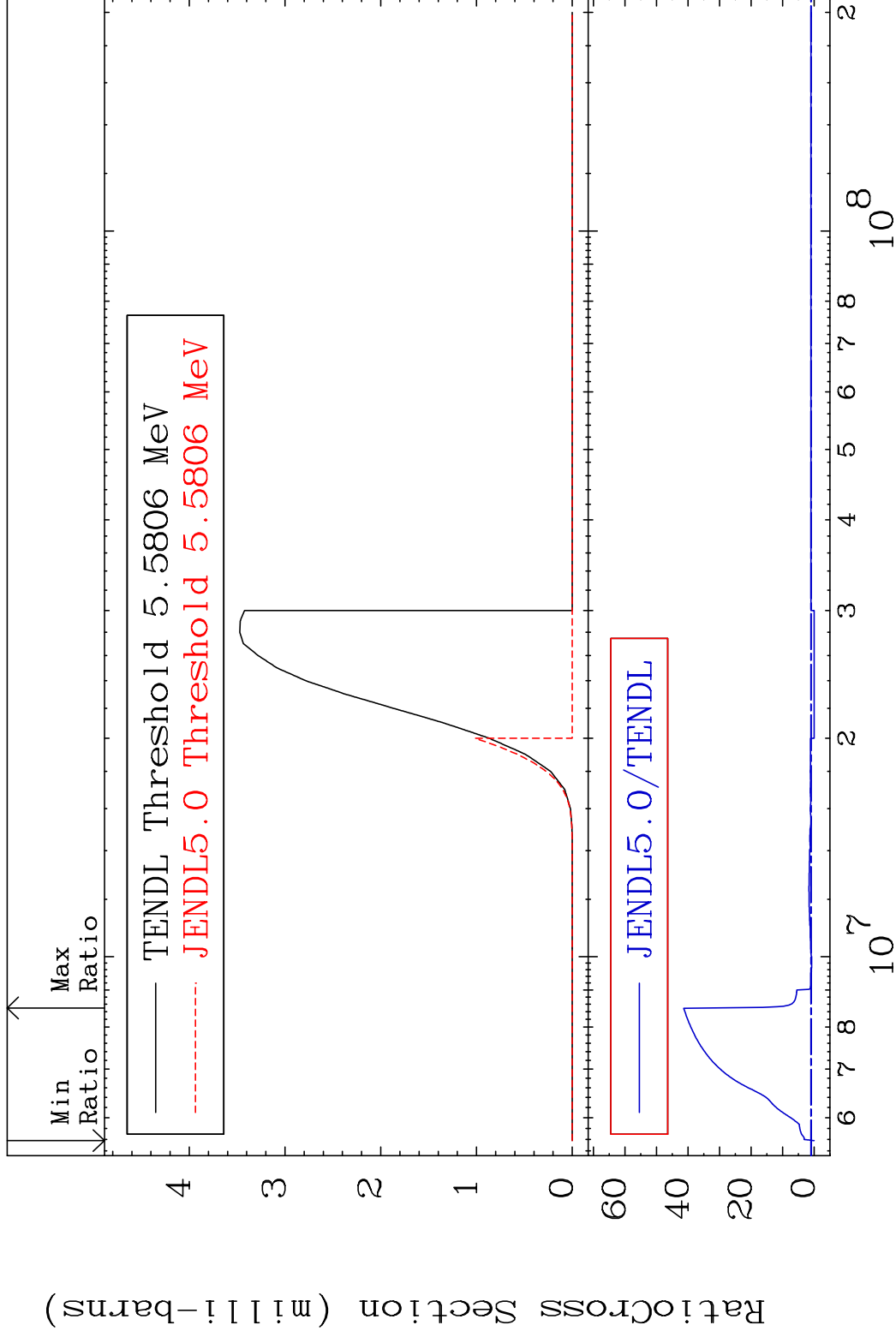


MAT 7931

(n, t)

79-Au-199

Cross Section -100.0 To 4040. %



45

Incident Energy (eV)

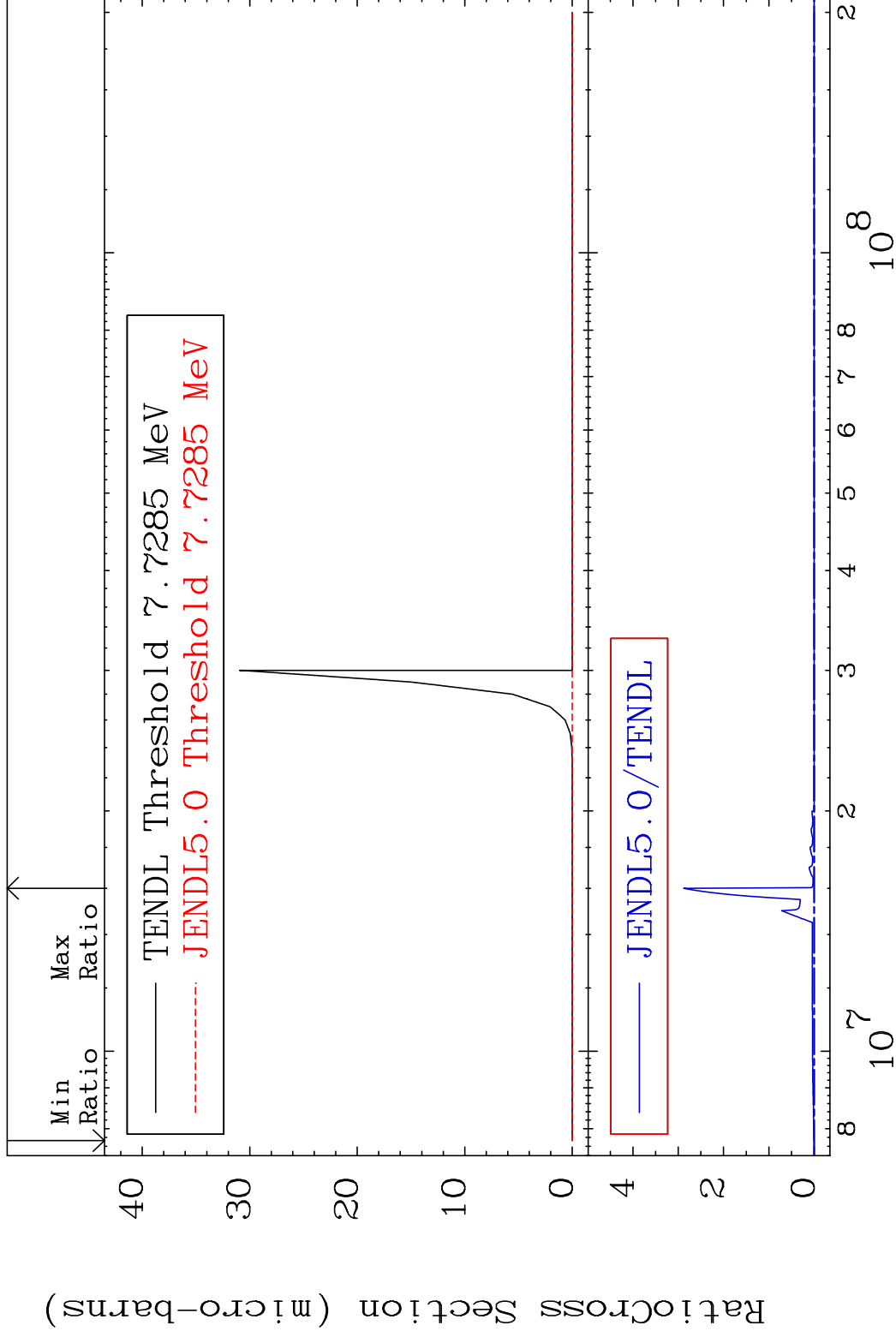
79-Au-199

MAT 7931

(n, He-3)

79-Au-199

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

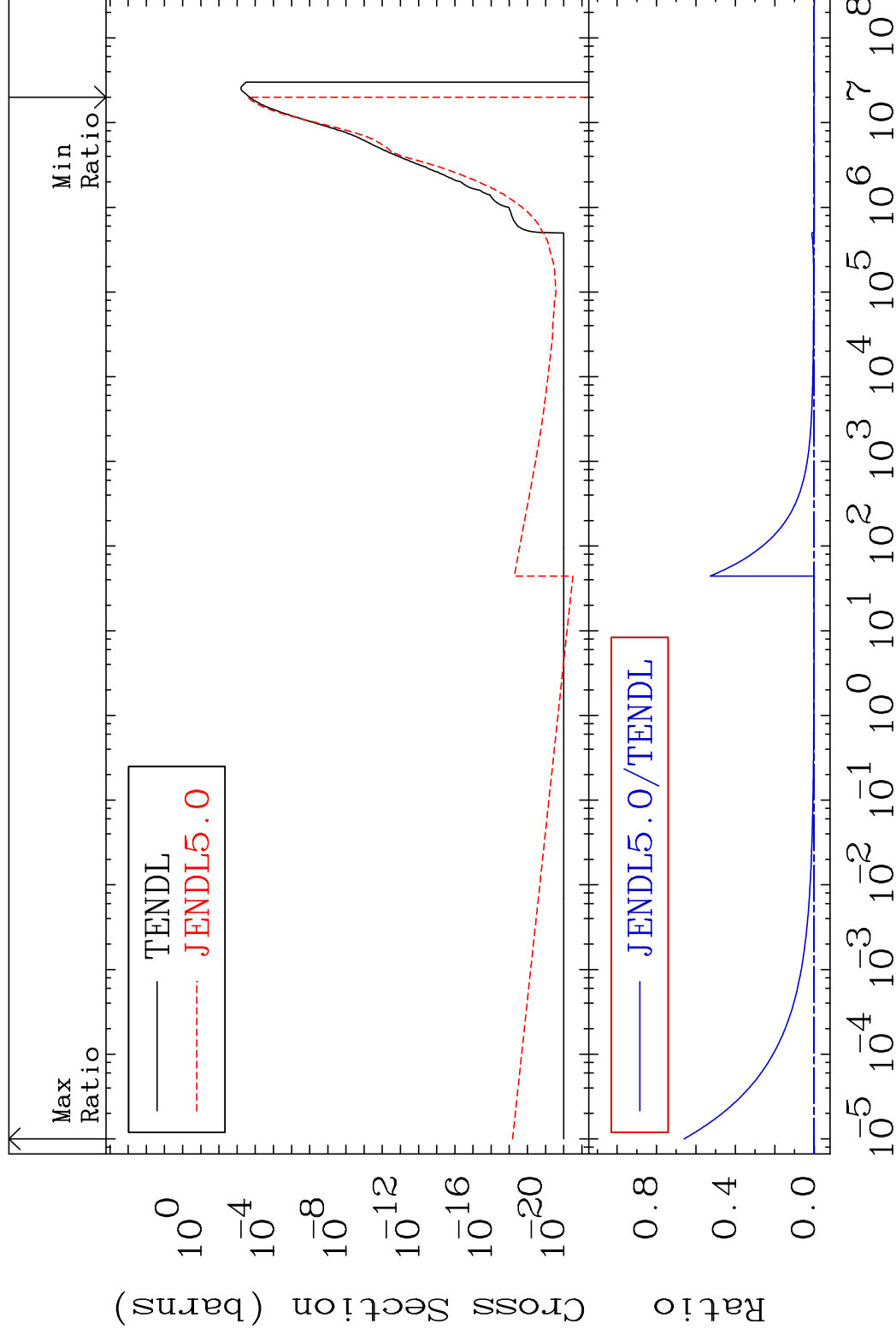
79-Au-199

MAT 7931

(n,  $\alpha$ )

79-Au-199

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

79-Au-199

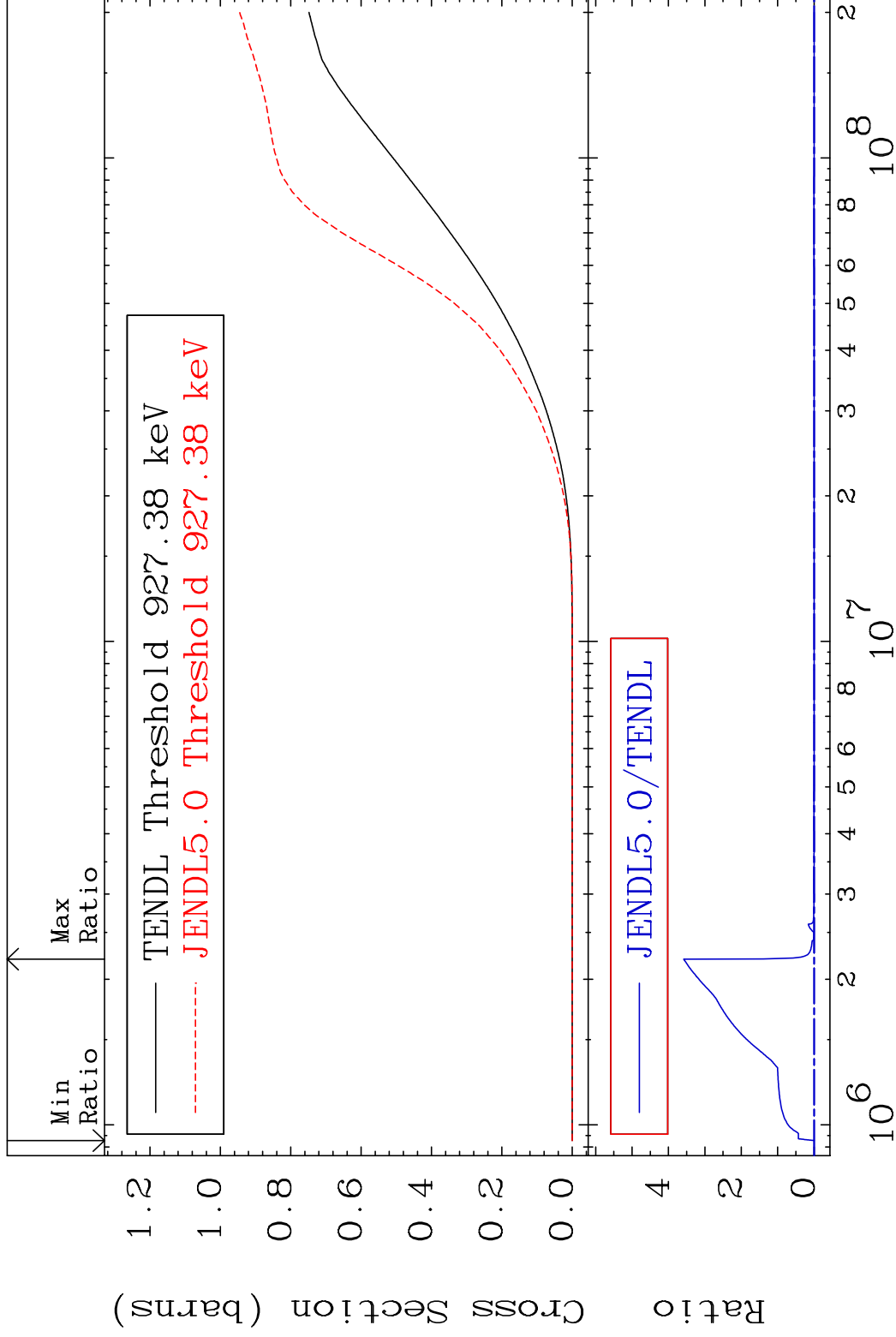


MAT 7931

Hydrogen Production

79-Au-199

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

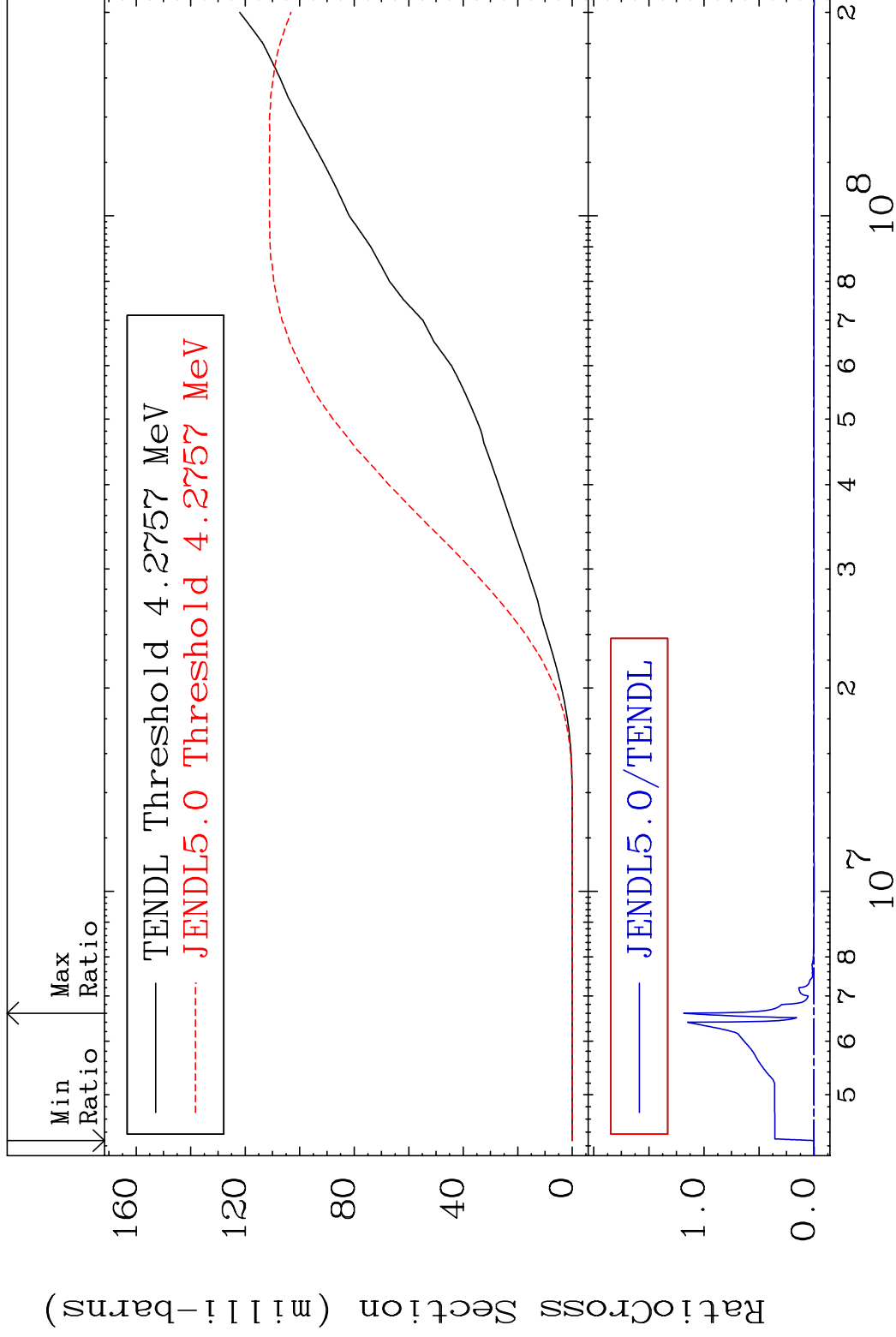
79-Au-199

MAT 7931

Deuterium Production

79-Au-199

Cross Section -100.0 To 9999. %

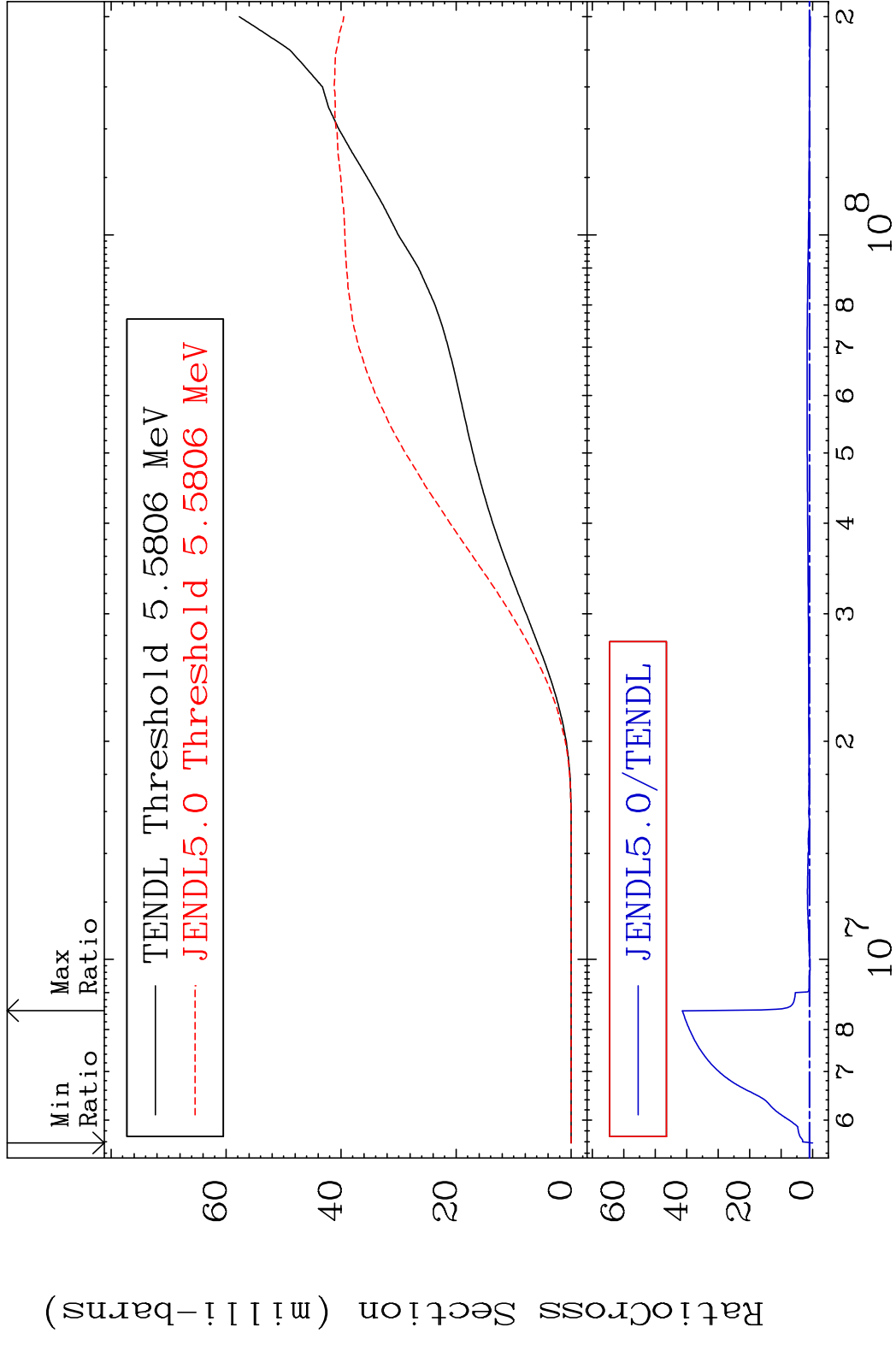


49

Incident Energy (eV)

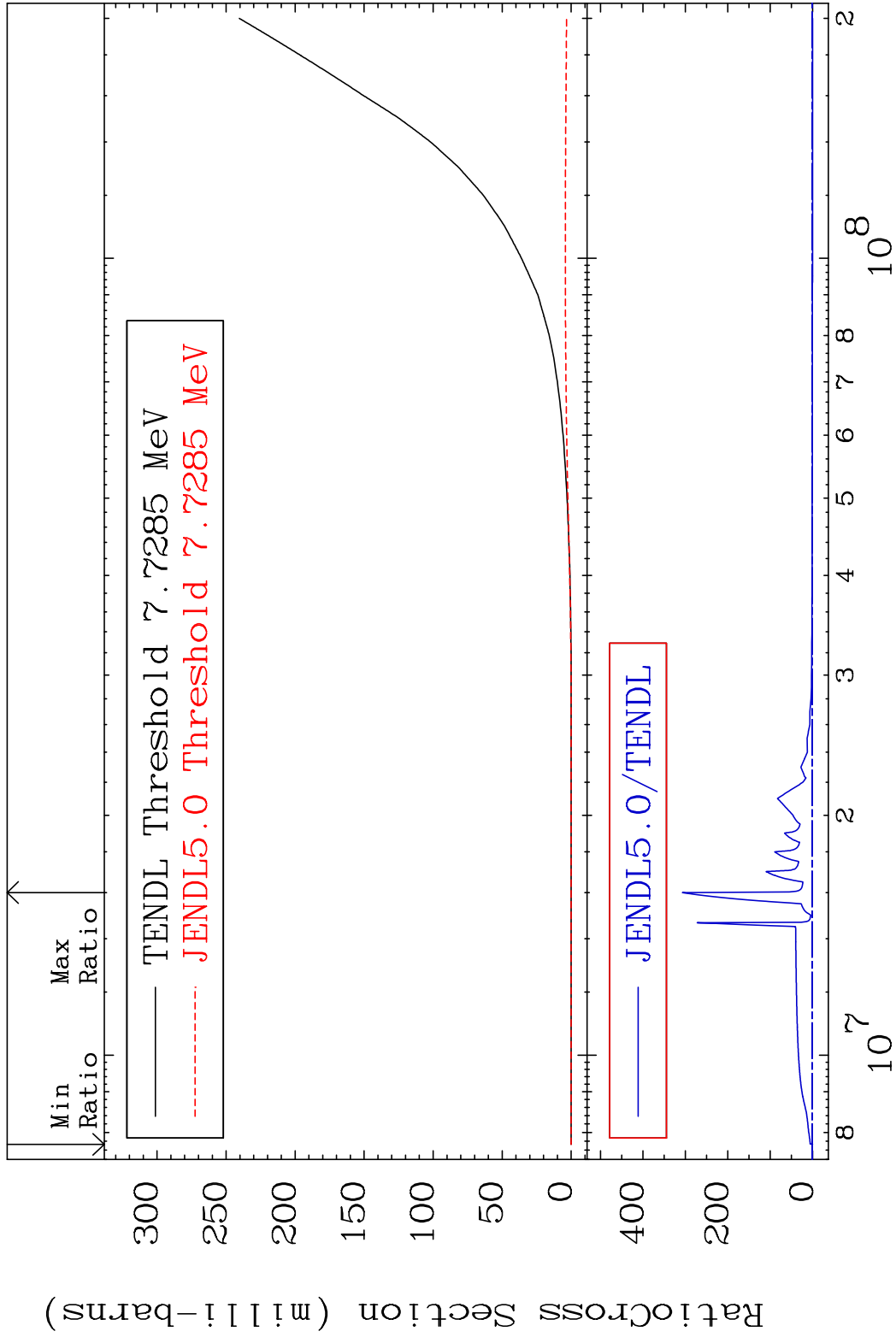
79-Au-199

MAT 7931 Tritium Production 79-Au-199  
 Cross Section -100.0 To 4040. %



50 79-Au-199

Cross Section -100.0 To 9999. %

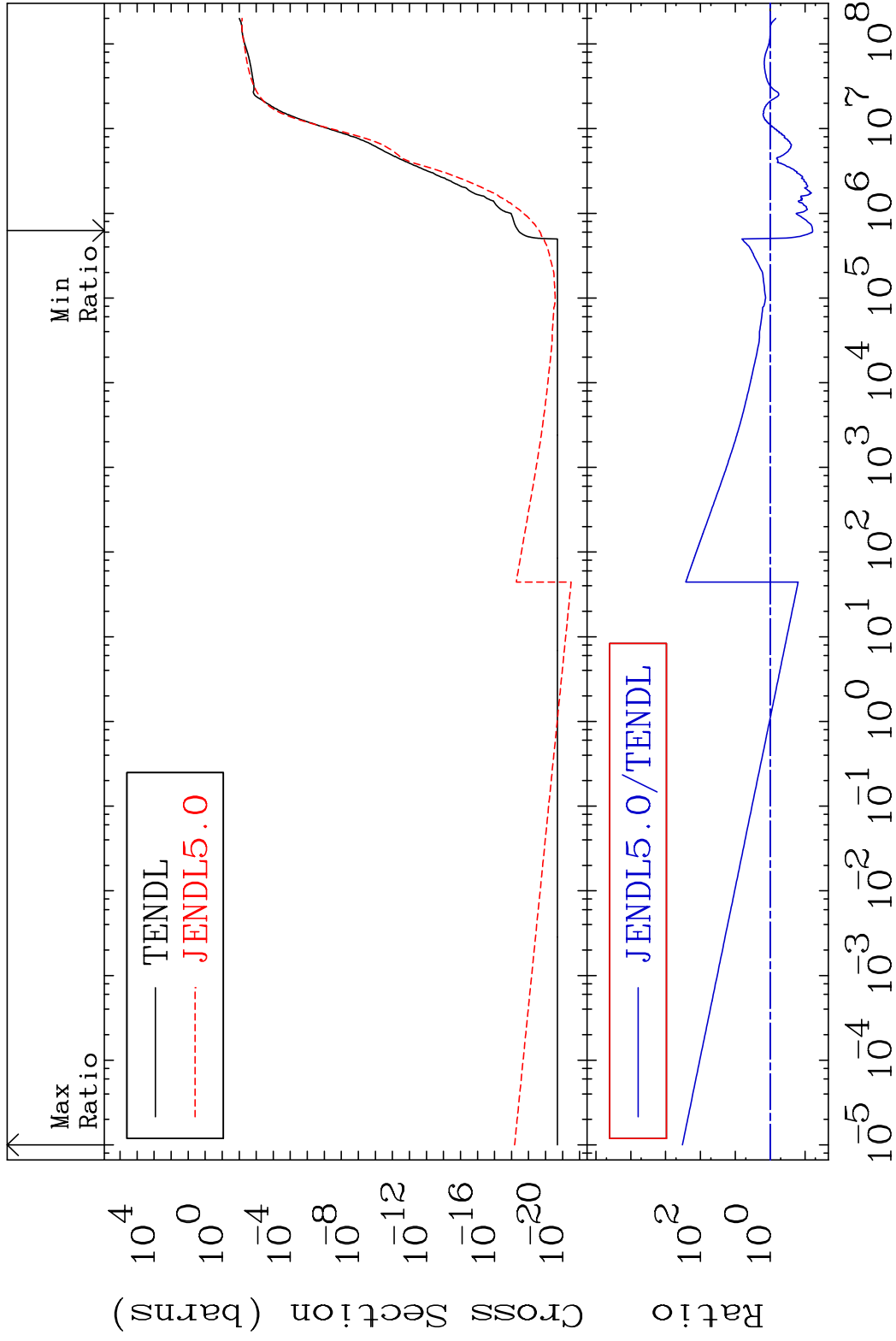


MAT 7931

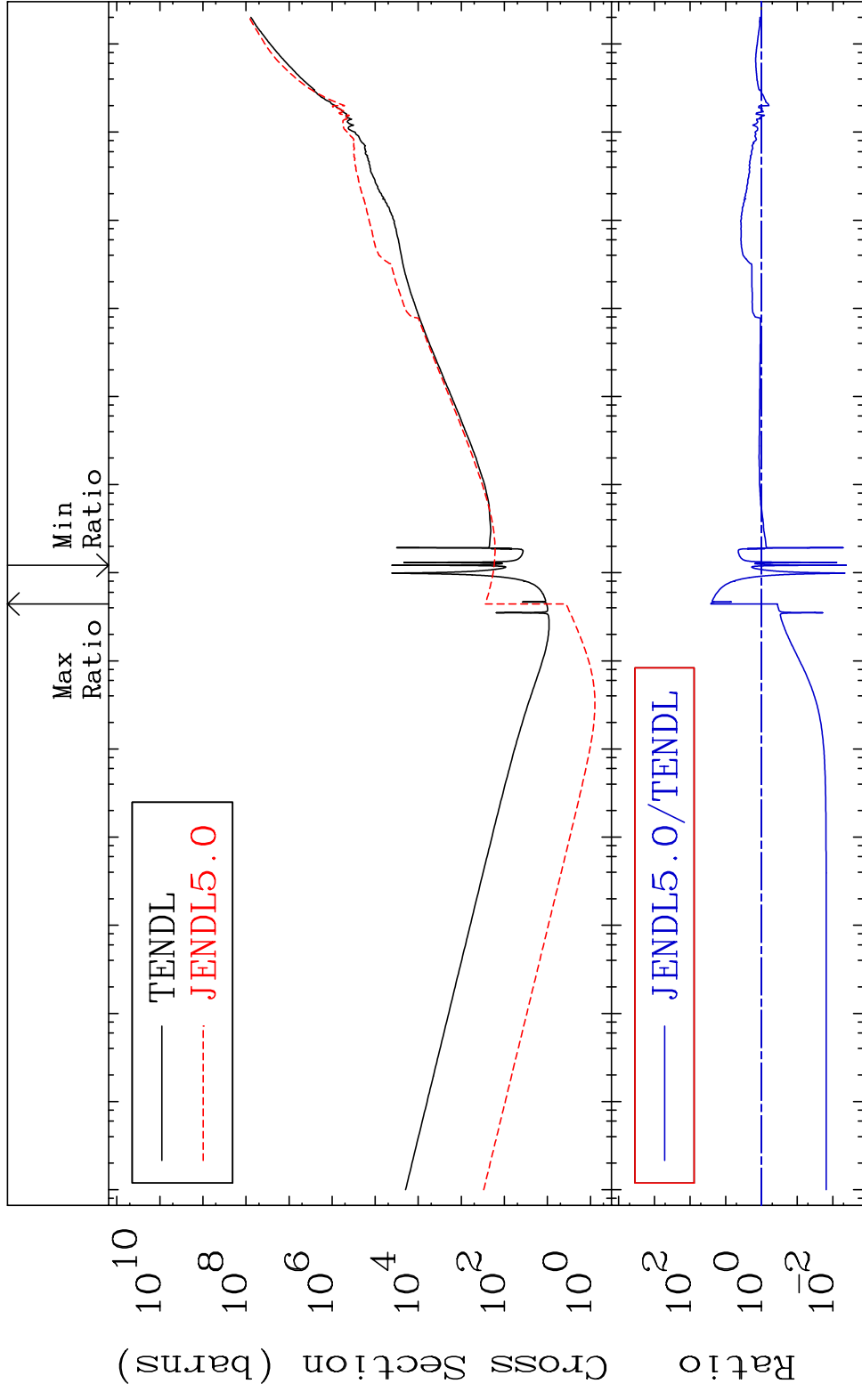
He-4 Production

79-Au-199

Cross Section -93.94 To 9999. %



MAT 7931 Kerma total (eV-barns) 79-Au-199  
 Cross Section -99.58 To 2537. %

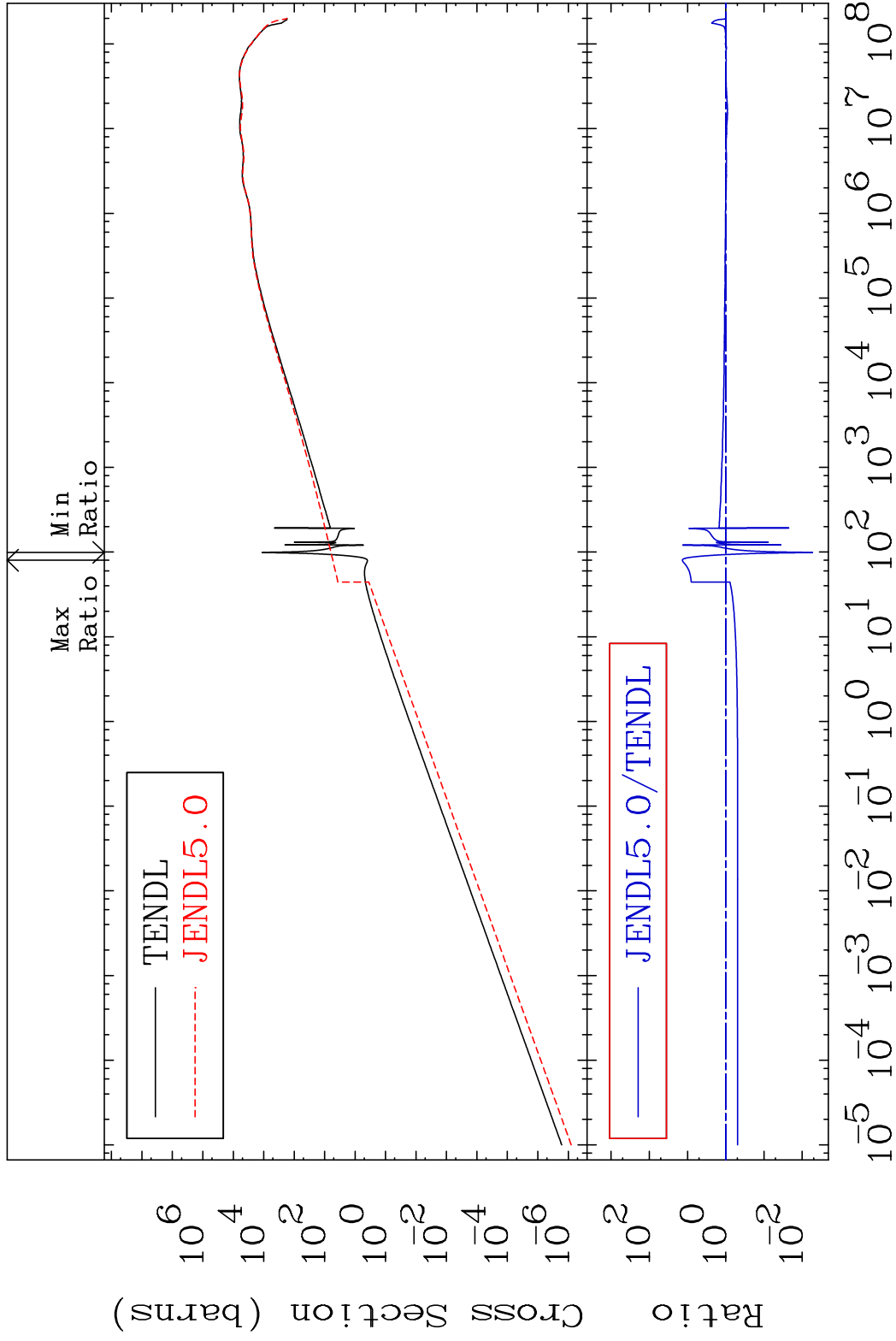


MAT 7931

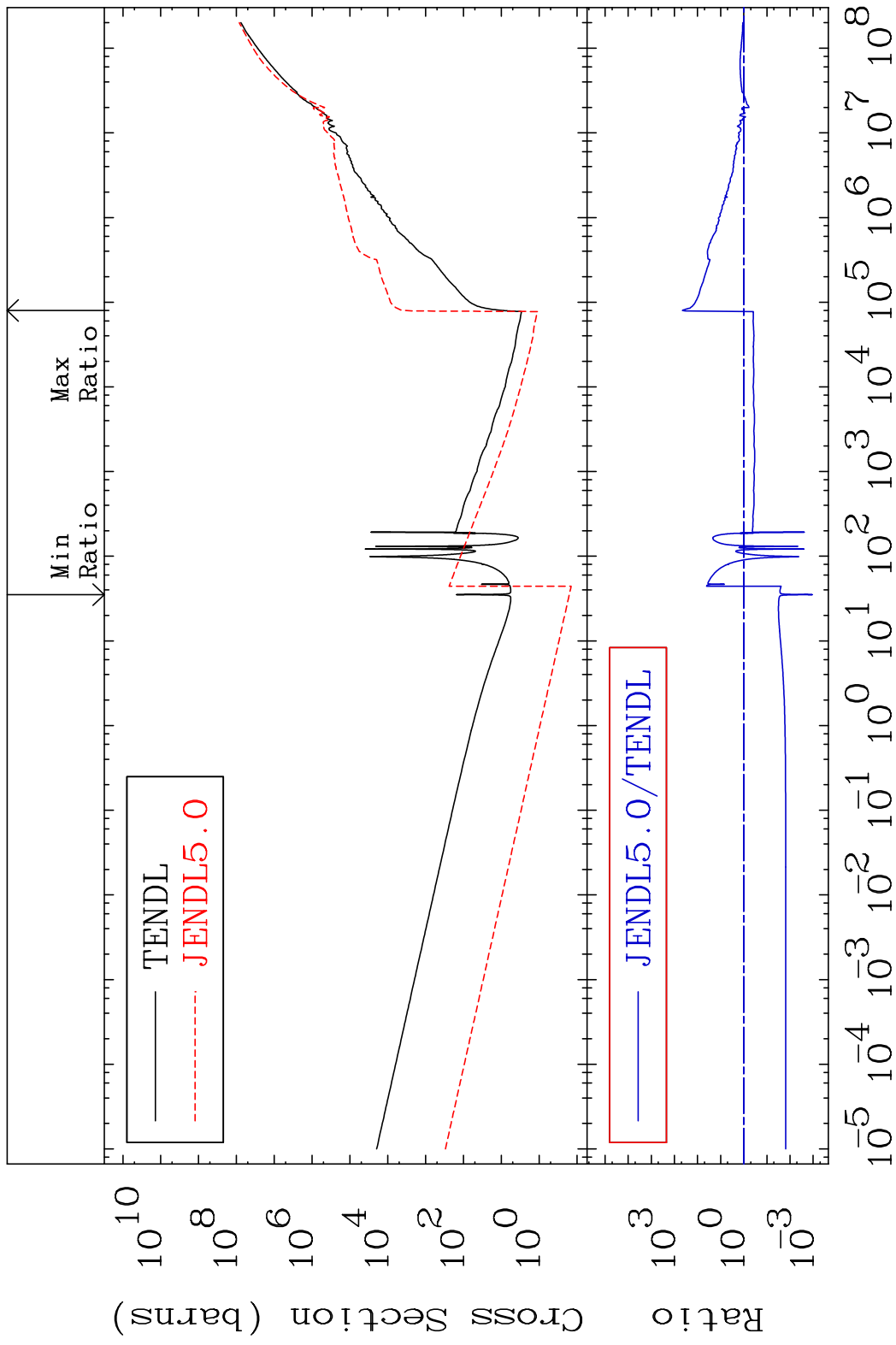
Kerma elastic

79-Au-199

Cross Section -99.46 To 1265. %

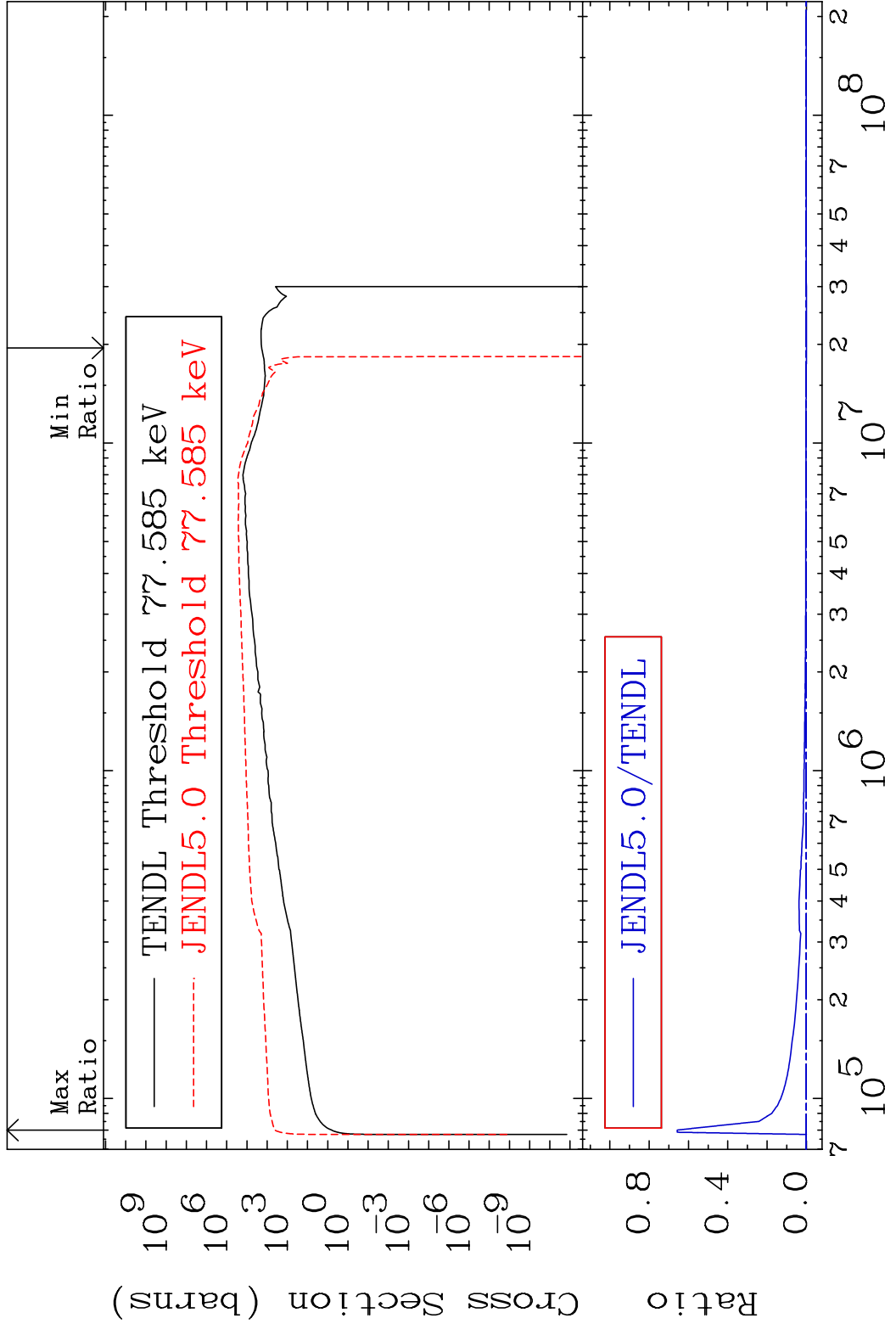


MAT 7931 Kerma non-elastic (all but mt2) 79-Au-199  
 Cross Section -99.89 To 9999. %

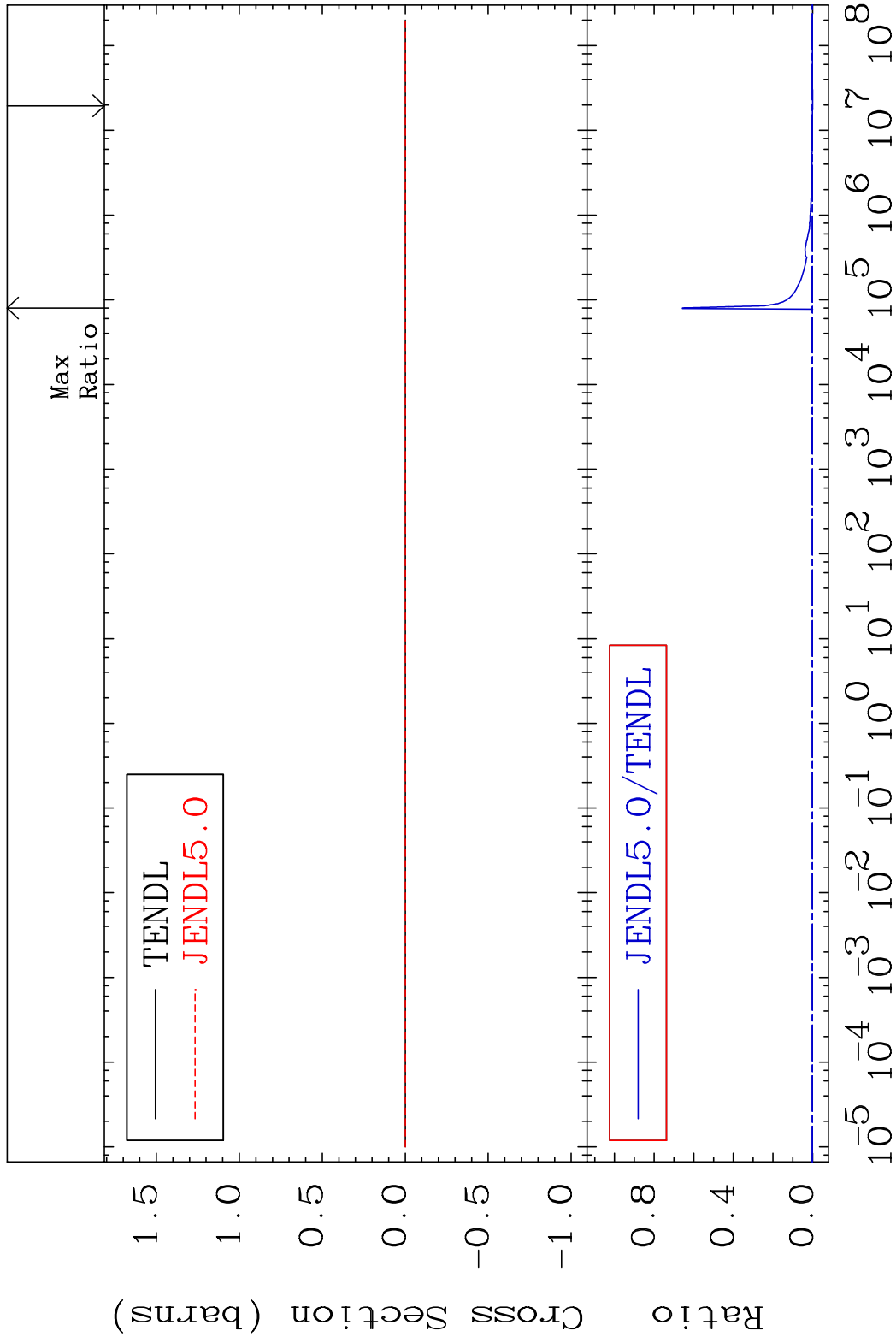




MAT 7931 Kerma inelastic (mt51-91) 79-Au-199  
 Cross Section -116.5 To 9999. %



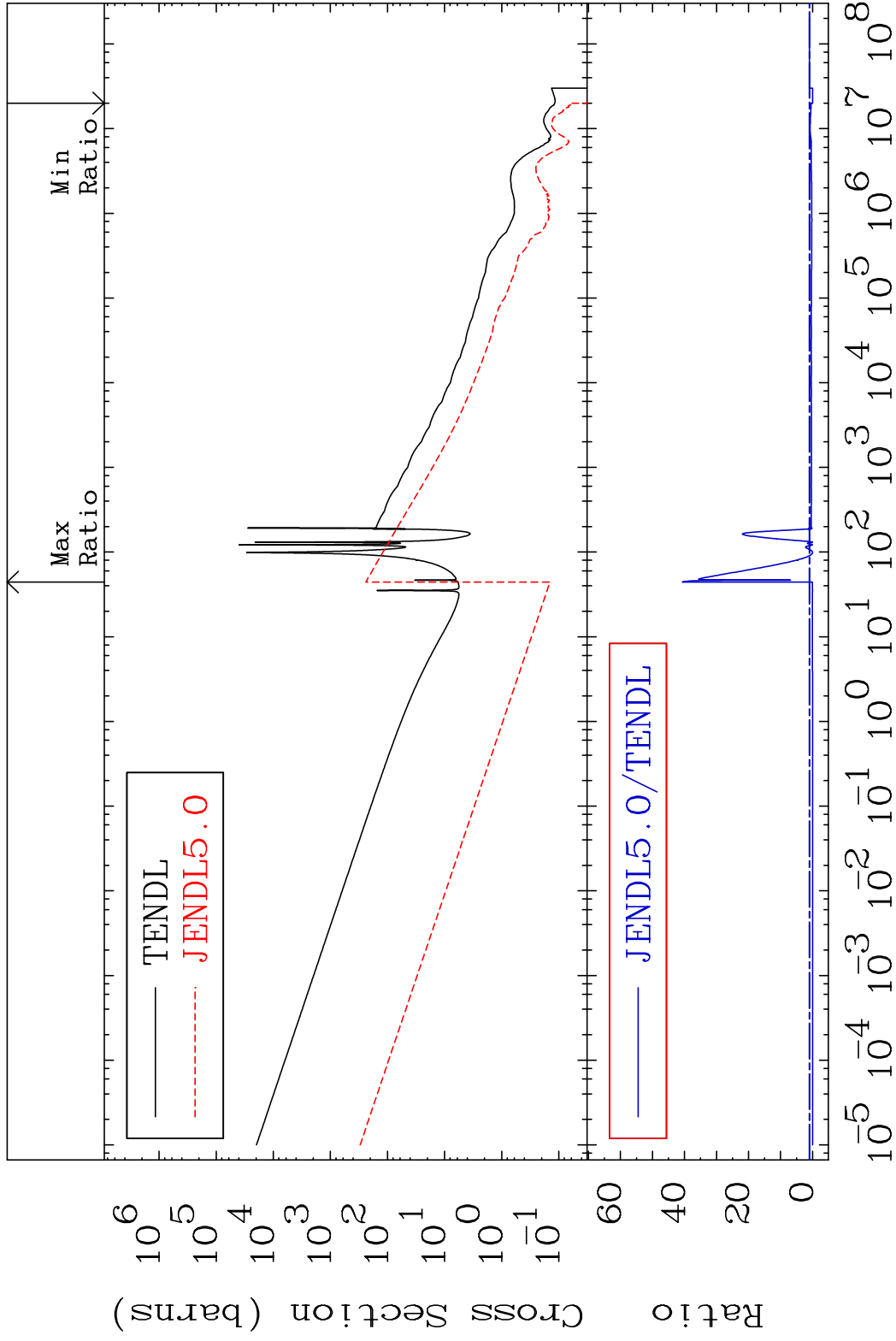
MAT 7931 Kerma fission (mt18 or mt19-20-21-38)79-Au-199  
 Cross Section -116.5 To 9999. %



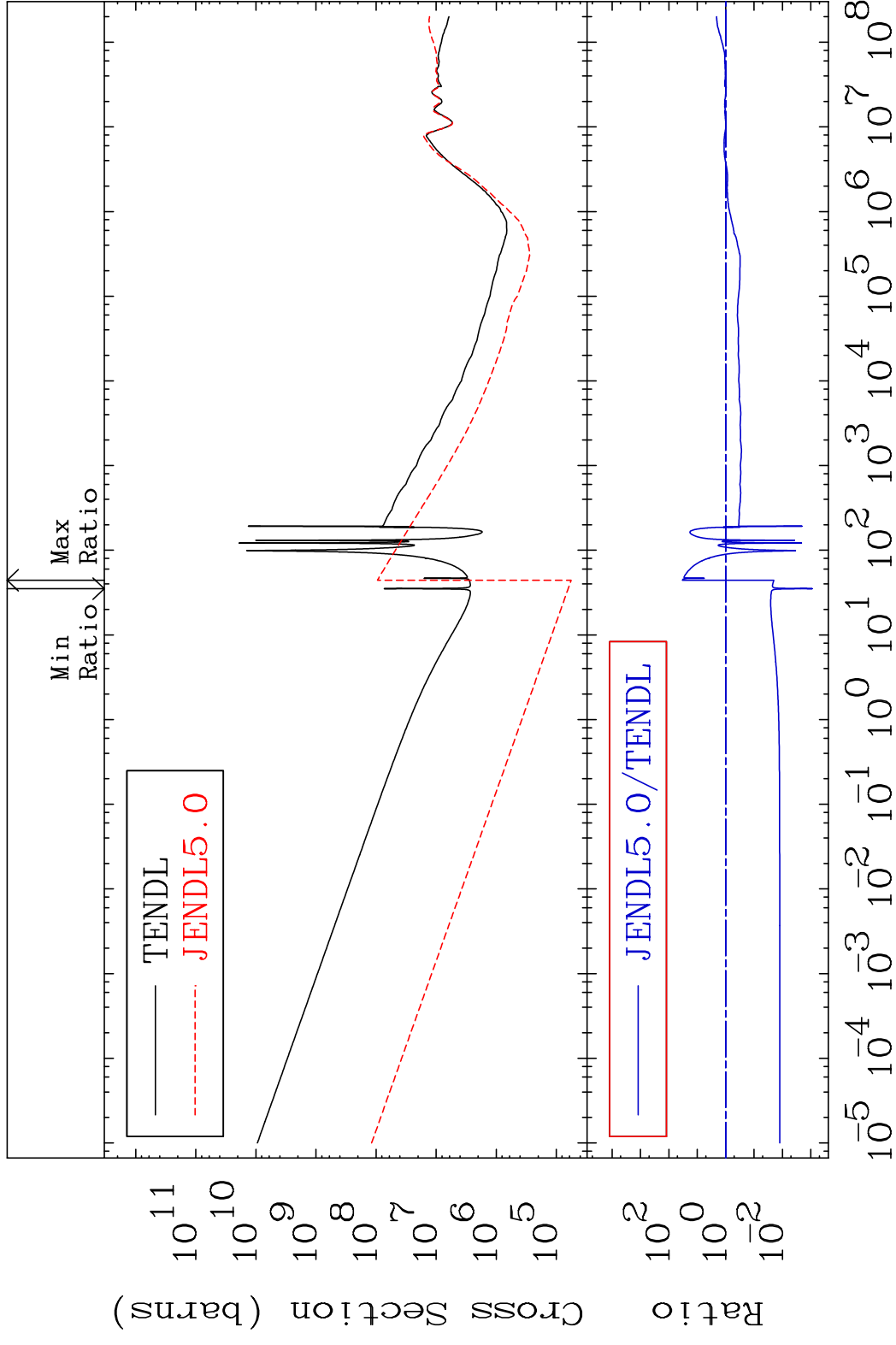
MAT 7931

Kerma capture (mt102) 79-Au-199

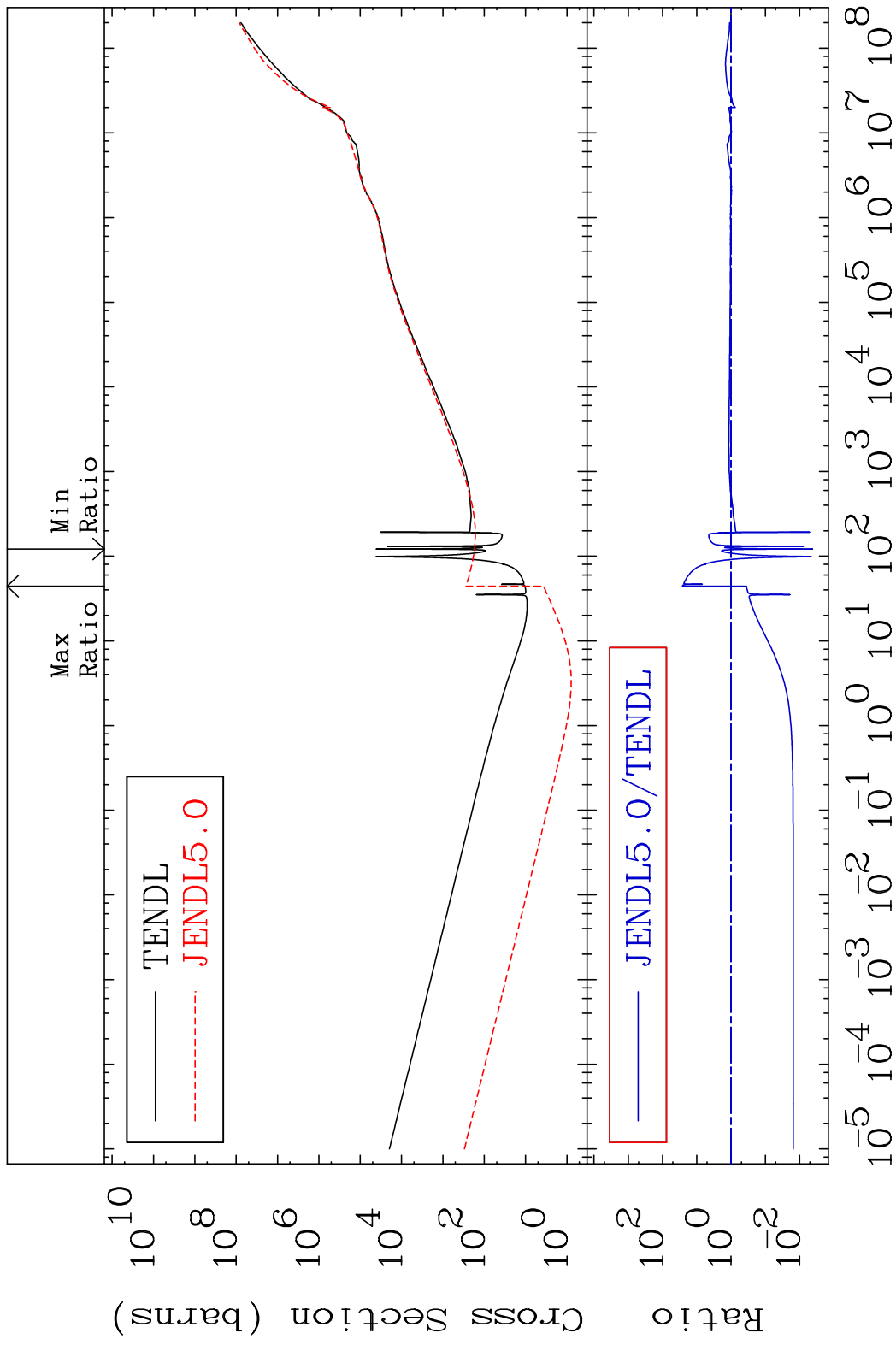
Cross Section -100.0 To 3967. %



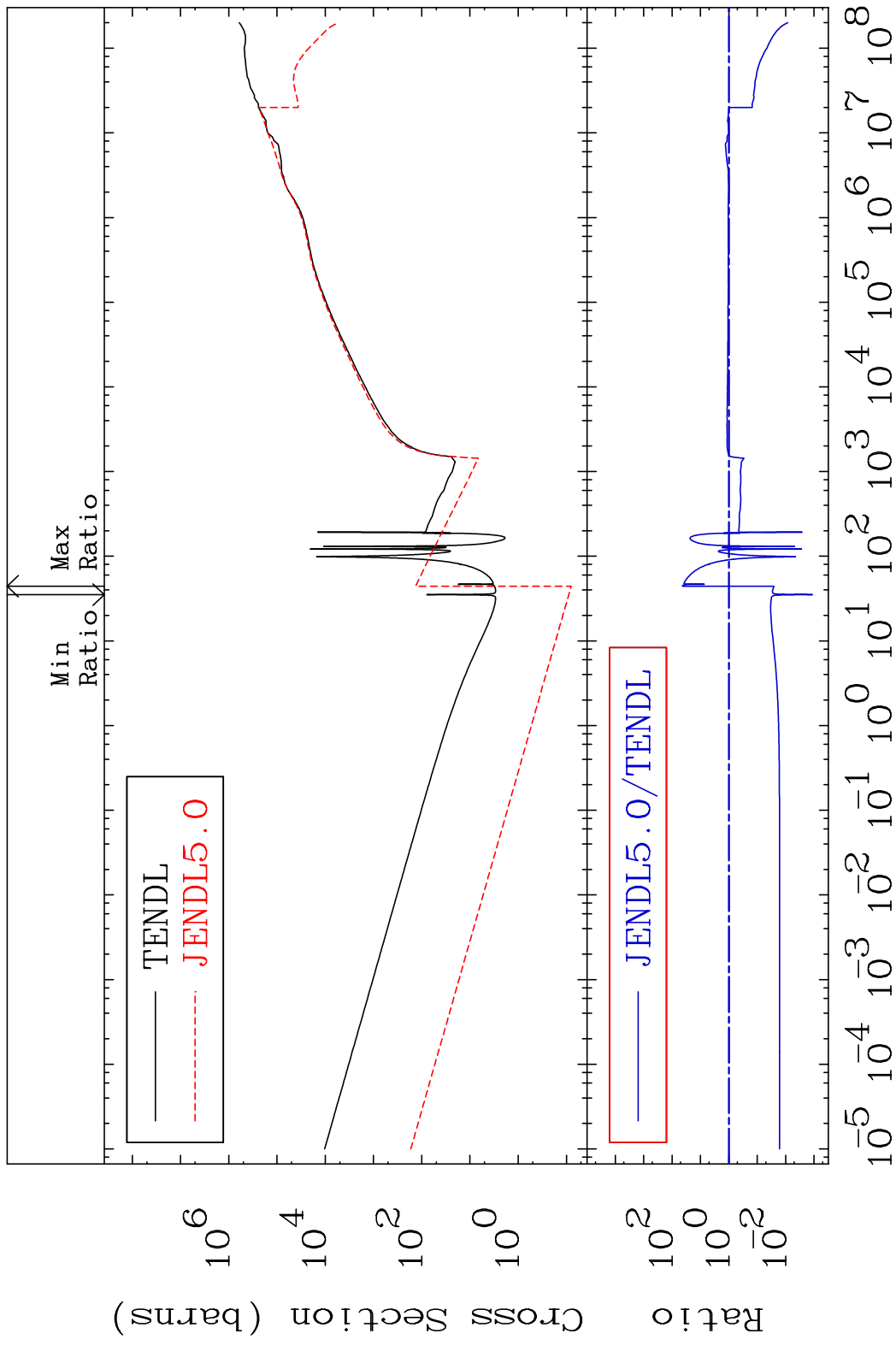
MAT 7931 Total photon (eV-barns) 79-Au-199  
 Cross Section -99.91 To 3261. %



MAT 7931 Total kinematic kerma (high limit) 79-Au-199  
 Cross Section -99.58 To 2537. %



MAT 7931      Dpa total (eV-barns)      79-Au-199  
 Cross Section      -99.89 To 4239. %

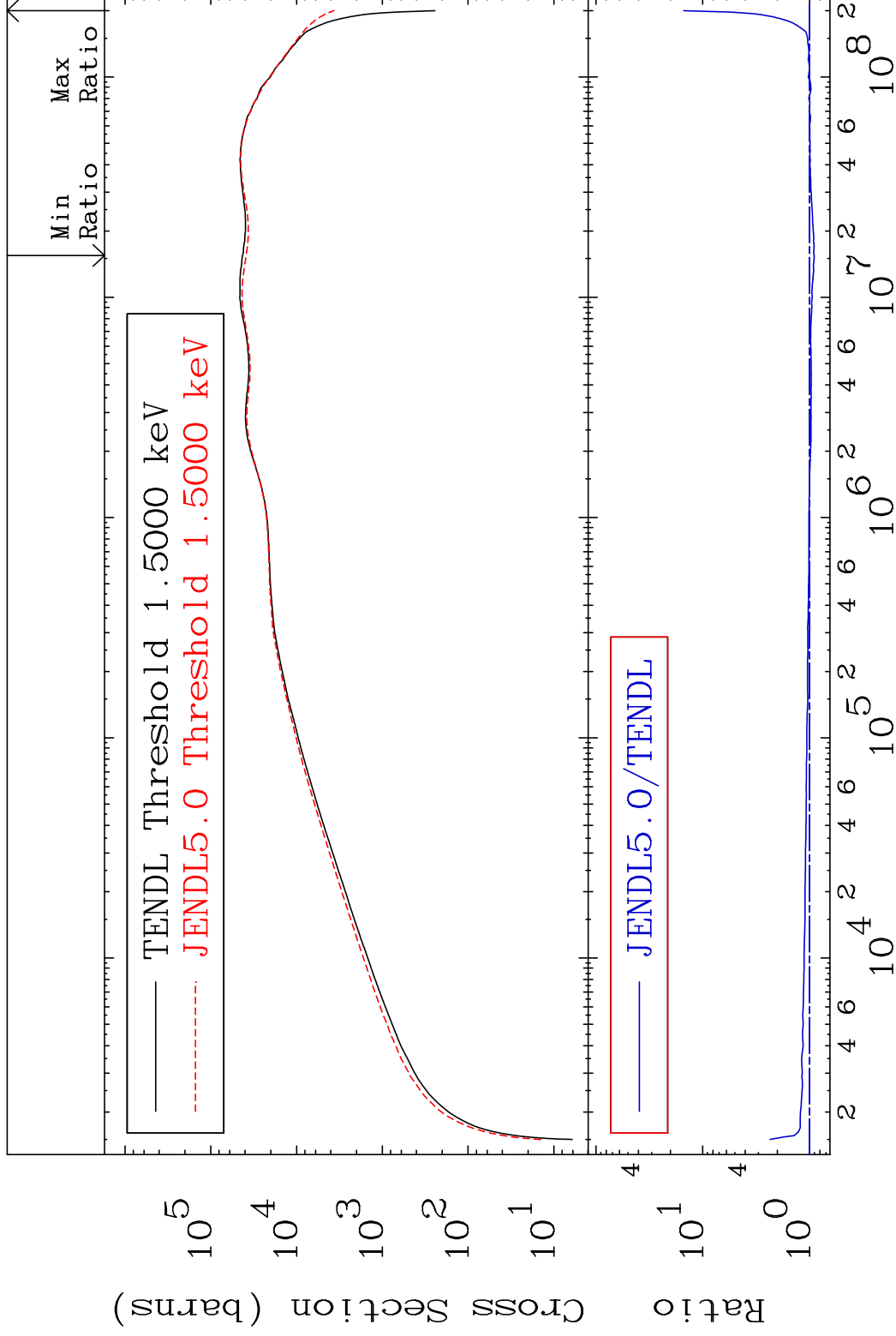


MAT 7931

Dpa elastic (mt2)

79-Au-199

Cross Section -9.482 To 1406. %

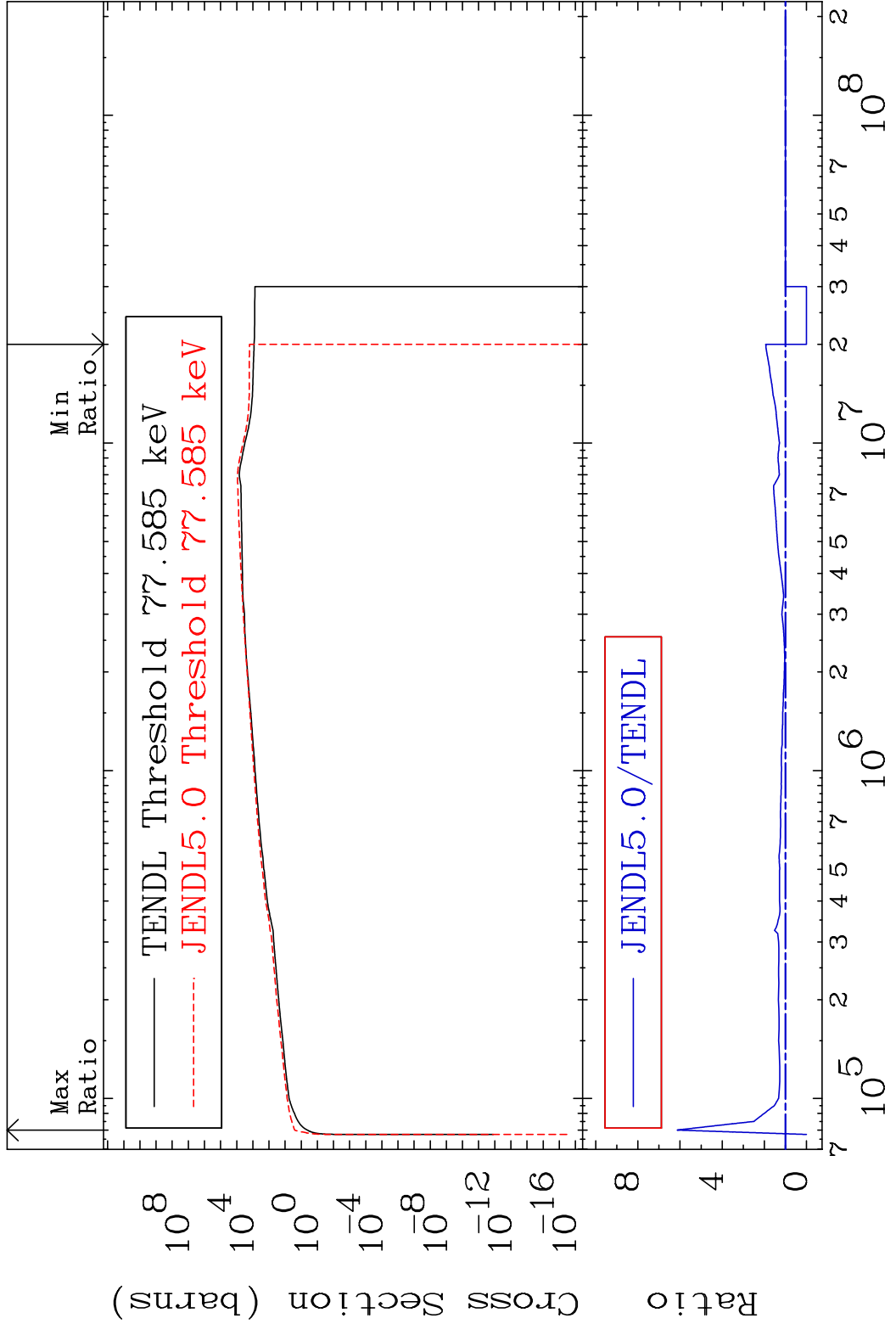


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Incident Energy (eV)

79-Au-199

MAT 7931      Dpa inelastic (mt51-91)      79-Au-199  
 Cross Section      -100.0 To 513.6 %





MAT 7931 Dpa disappearance (mt102 -120) 79-Au-199  
 Cross Section -100.0 To 4239. %

