

Program Complot
(Version 2021-1)

by

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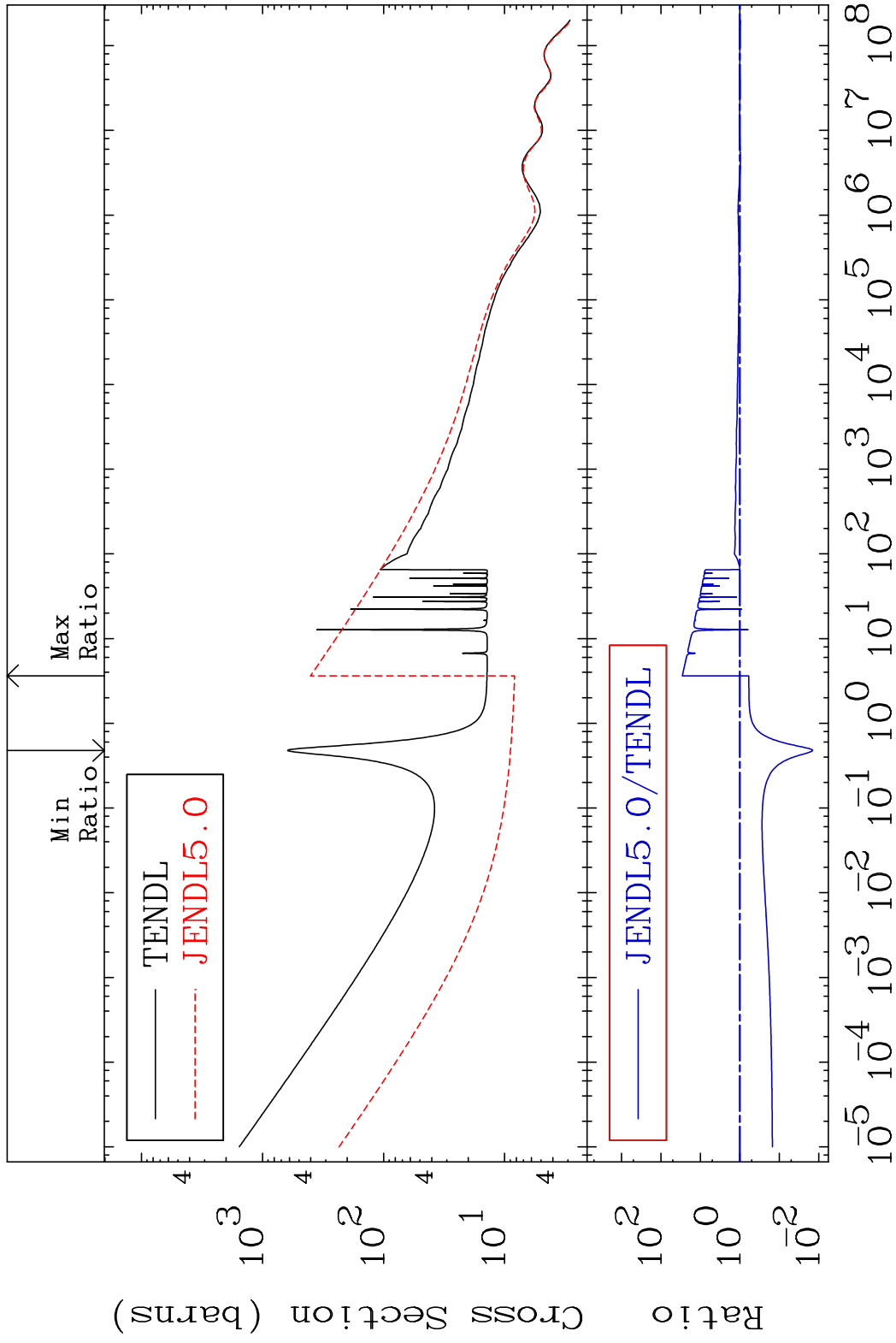
Press Mouse Button to Start

MAT 7919

Total

79-Au-195

Cross Section -98.56 To 2768. %

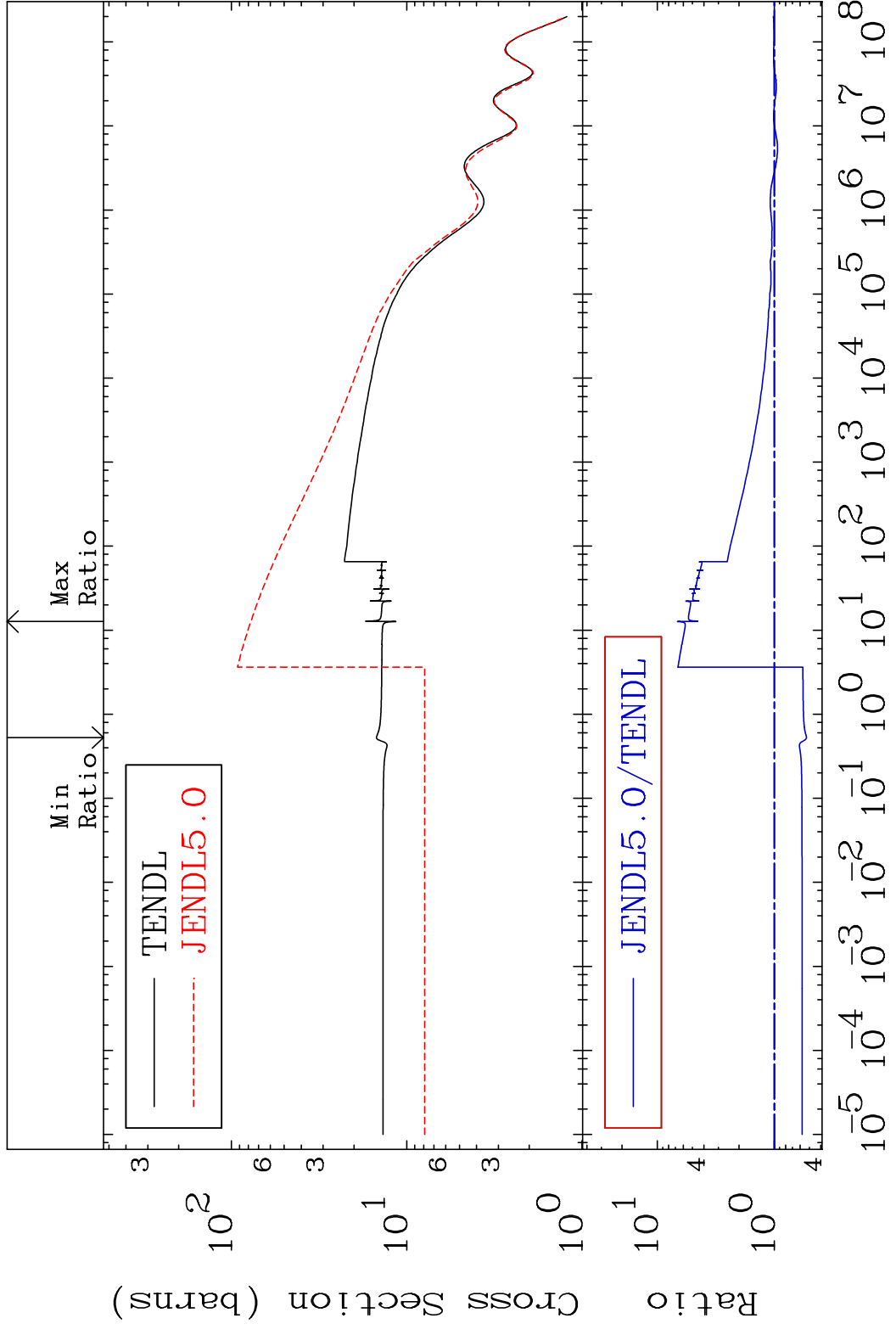


MAT 7919

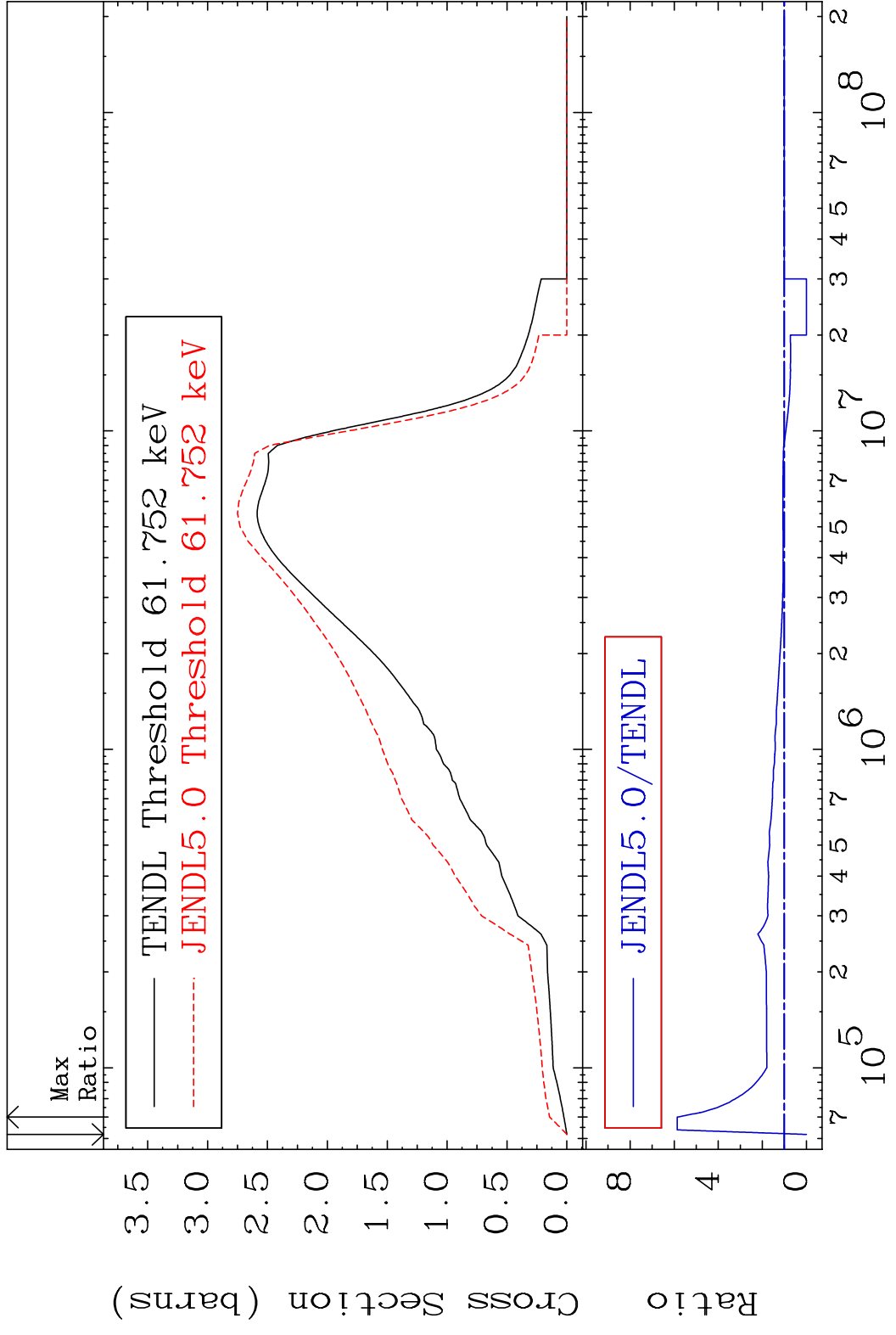
Elastic

79-Au-195

Cross Section -46.89 To 575.7 %



MAT 7919 Inelastic 79-Au-195
 Cross Section -100.0 To 486.3 %



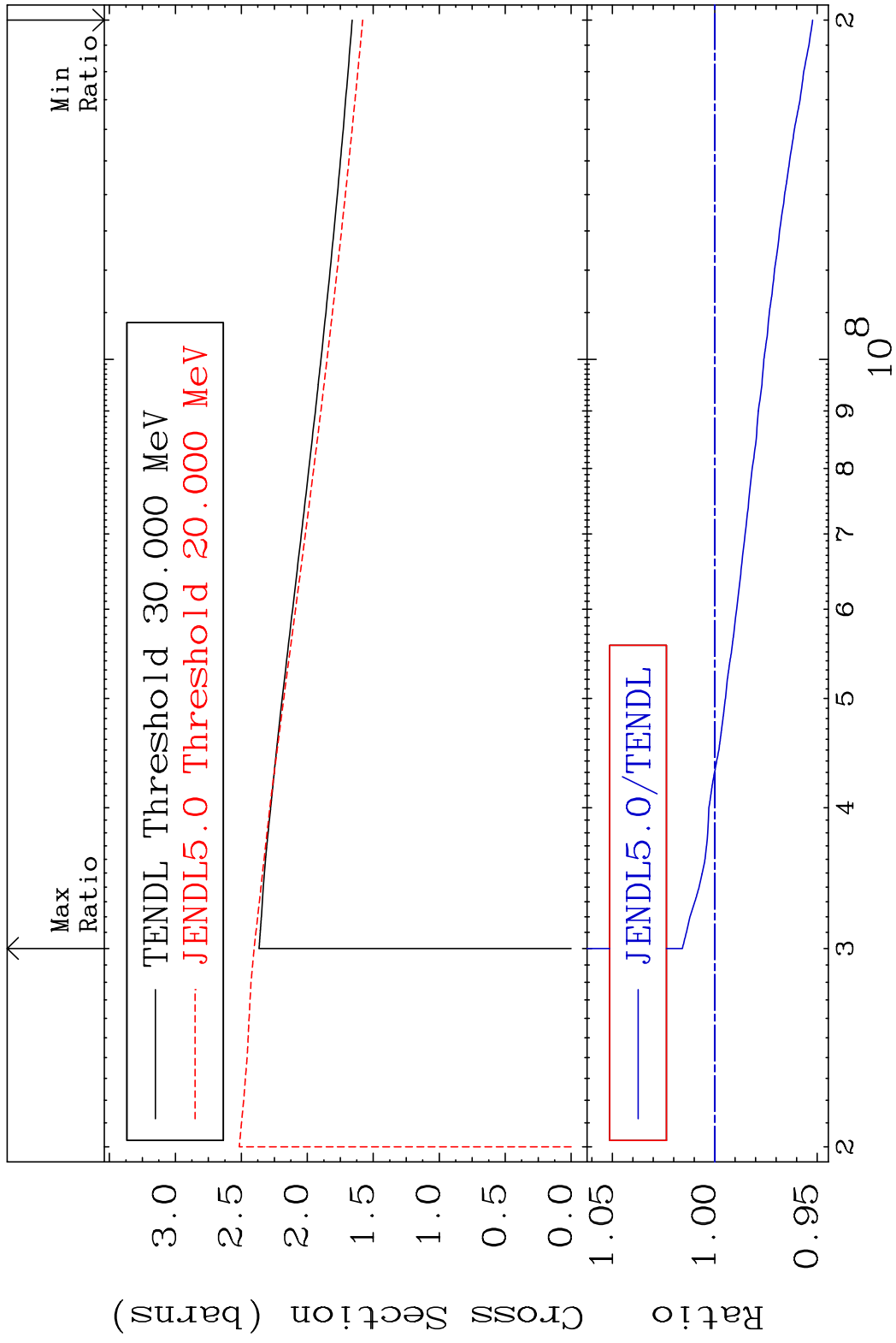
3 Incident Energy (eV) 79-Au-195

MAT 7919

(n, remainder)

79-Au-195

Cross Section -4.779 To 1.579 %



4

Incident Energy (eV)

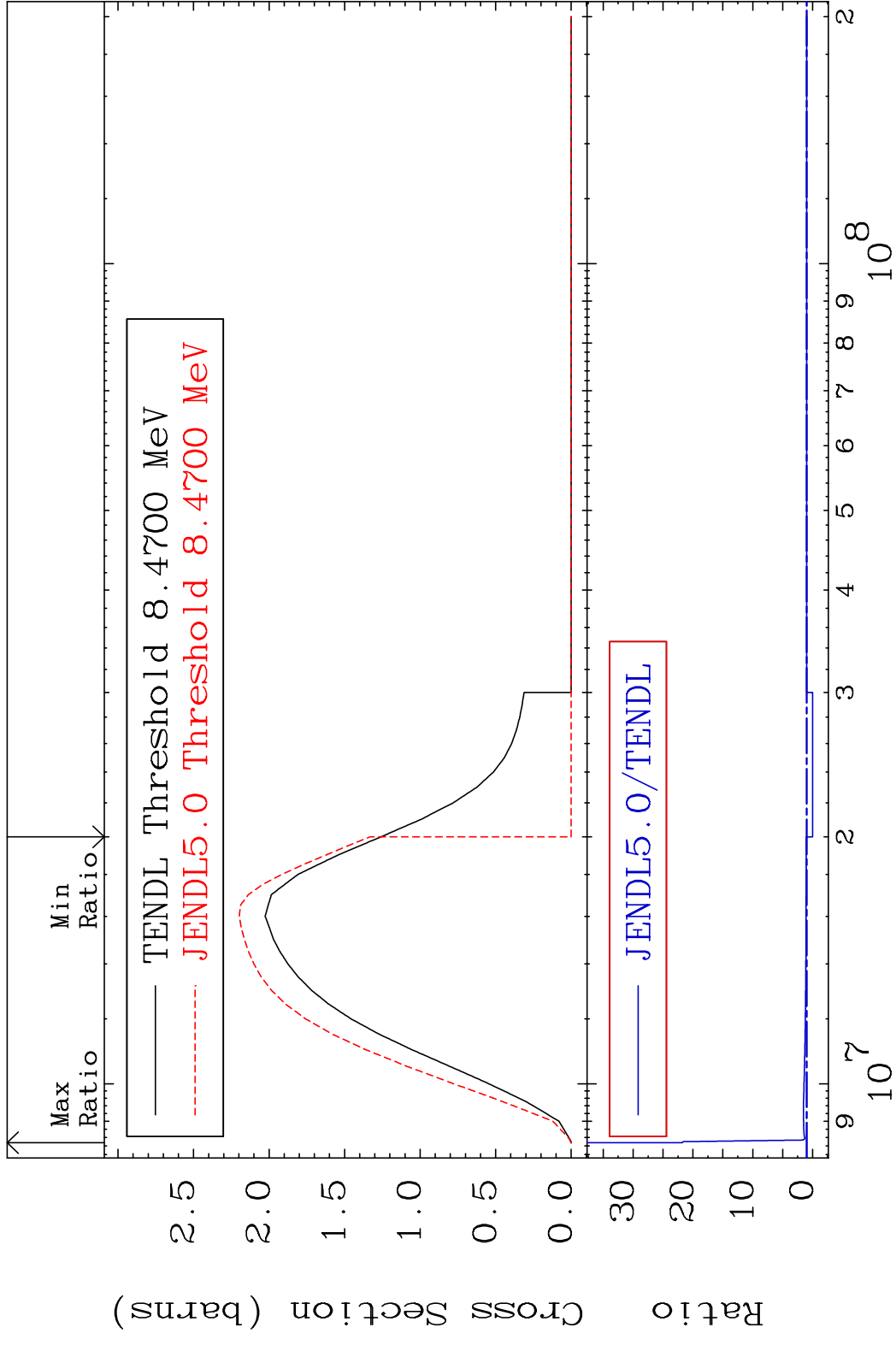
79-Au-195

MAT 7919

(n,2n)

79-Au-195

Cross Section -100.0 To 2077. %

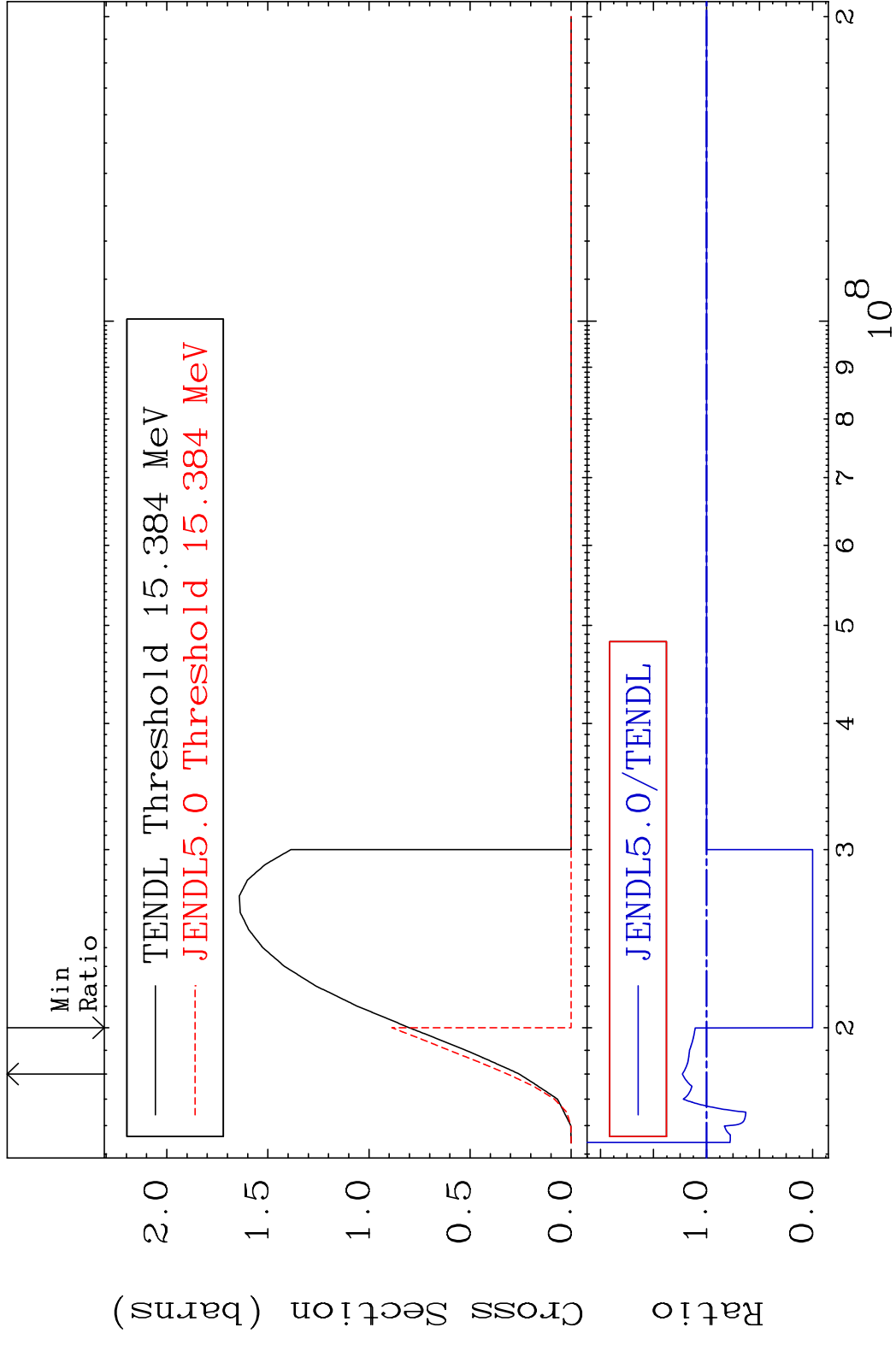


5

Incident Energy (eV)

79-Au-195

MAT 7919 (n,3n) 79-Au-195
 Cross Section -100.0 To 22.81 %

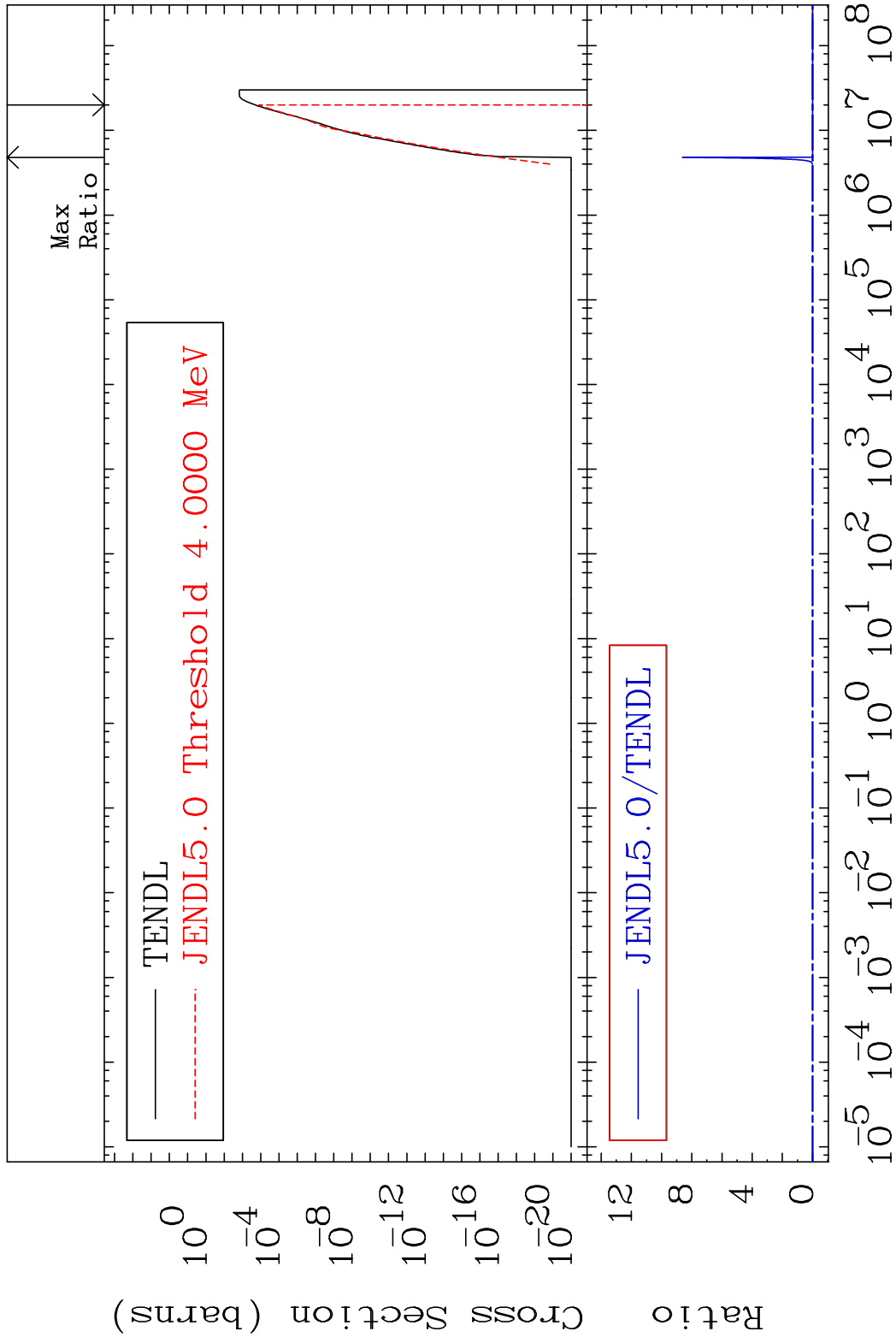


MAT 7919

(n, n') α

79-Au-195

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

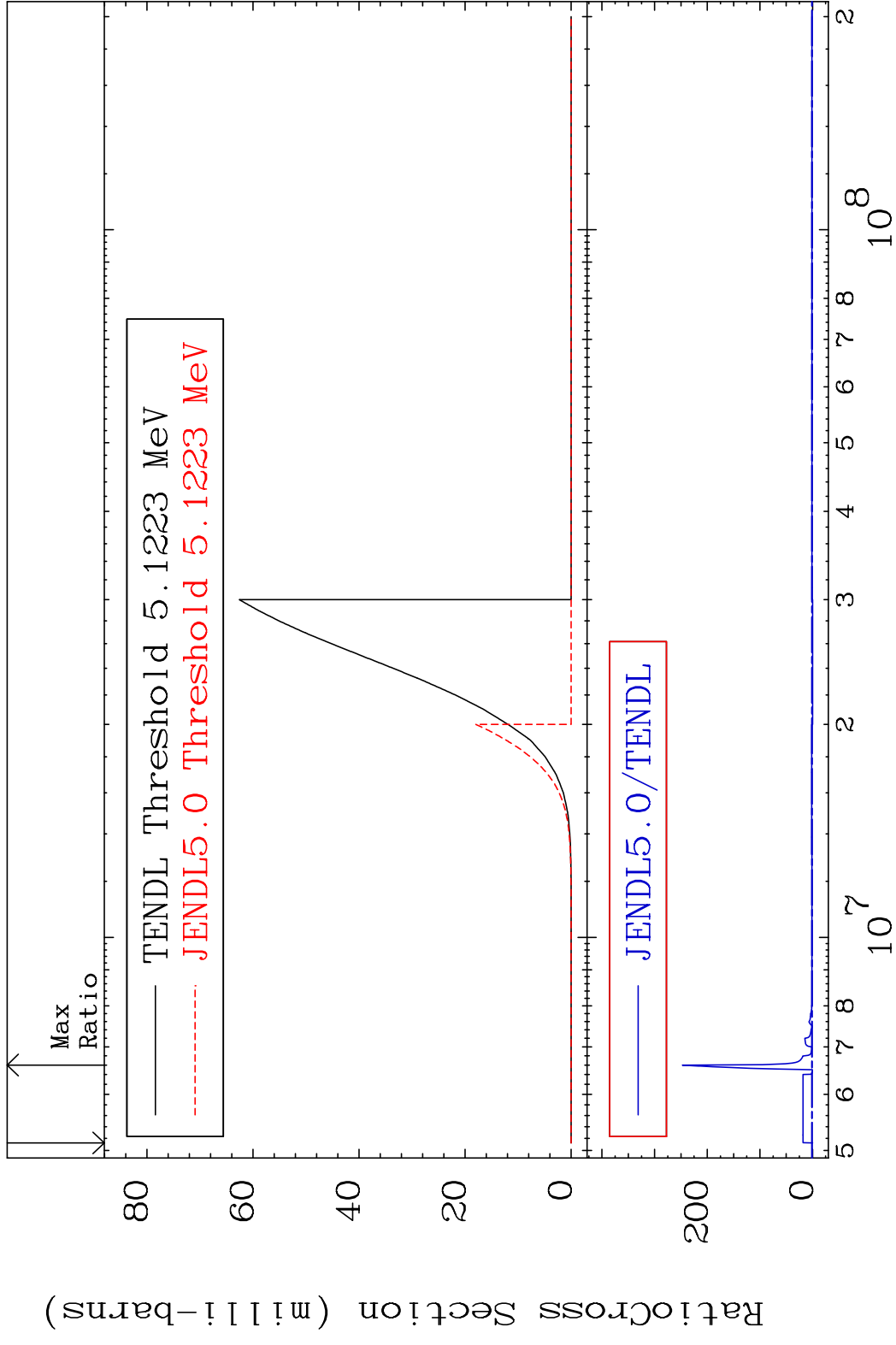
79-Au-195

MAT 7919

79-Au-195

(n, n') p

Cross Section -100.0 To 9999. %

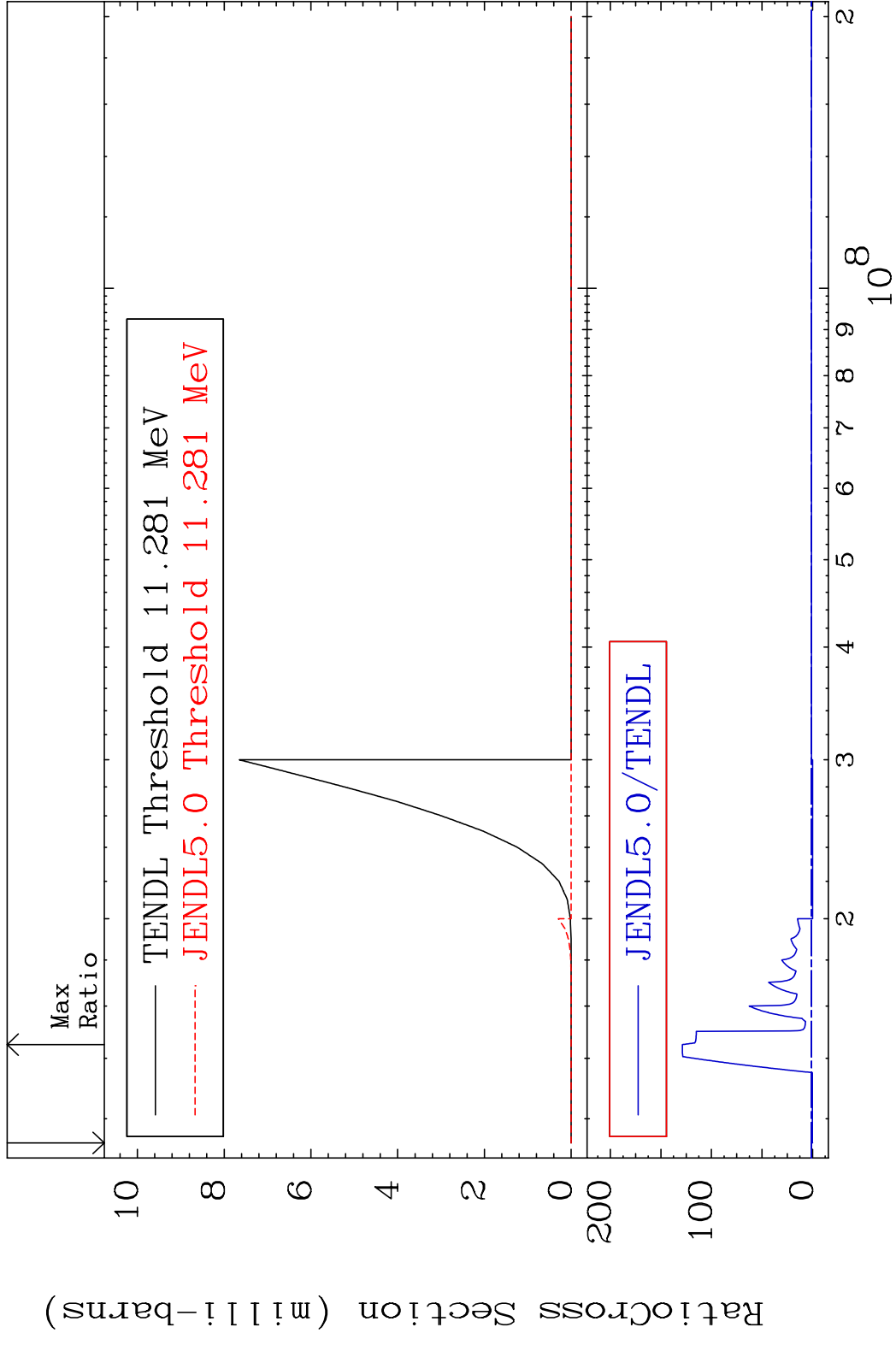


8

Incident Energy (eV)

79-Au-195

MAT 7919 (n, n') d 79-Au-195
 Cross Section -100.0 To 9999. %

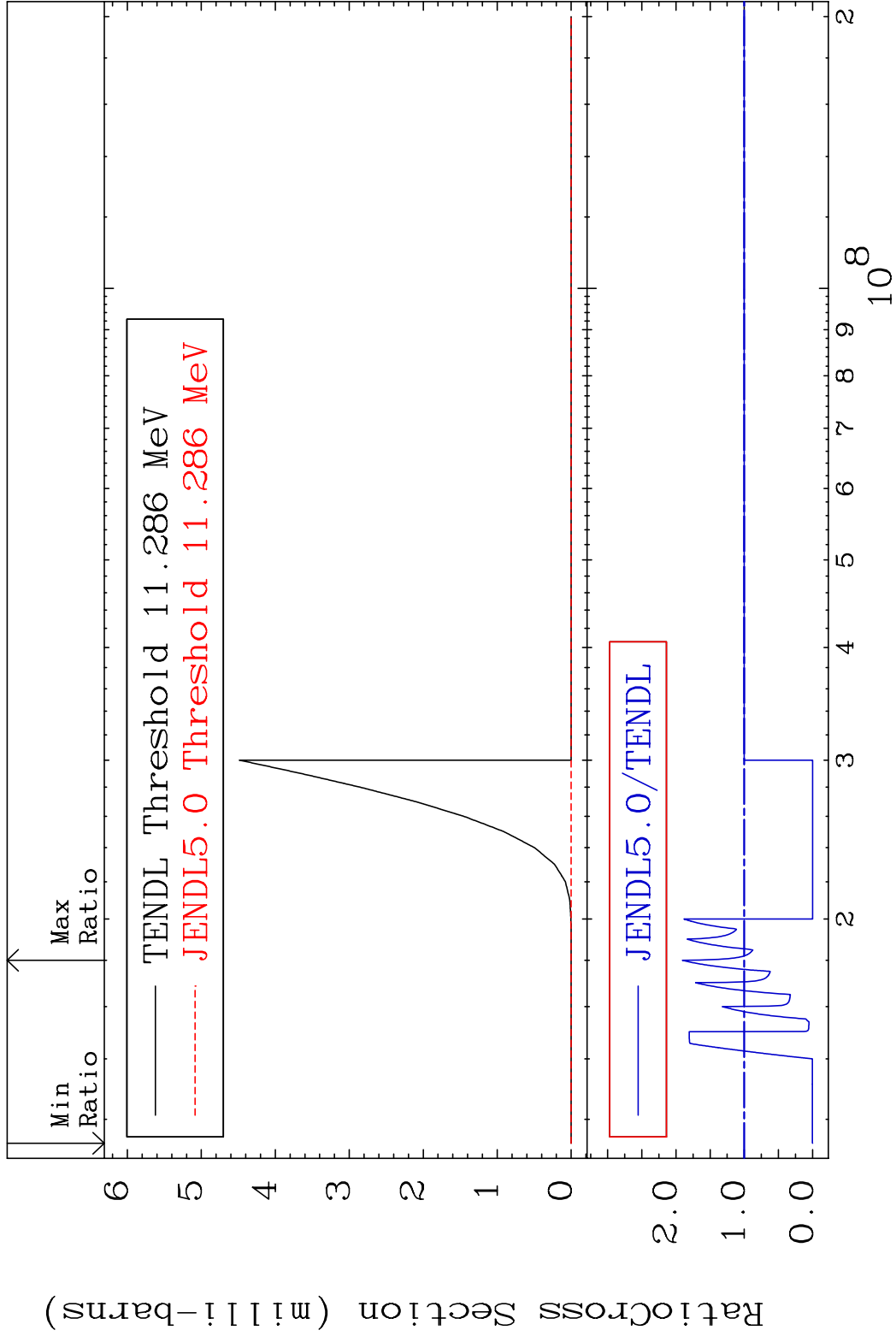


MAT 7919

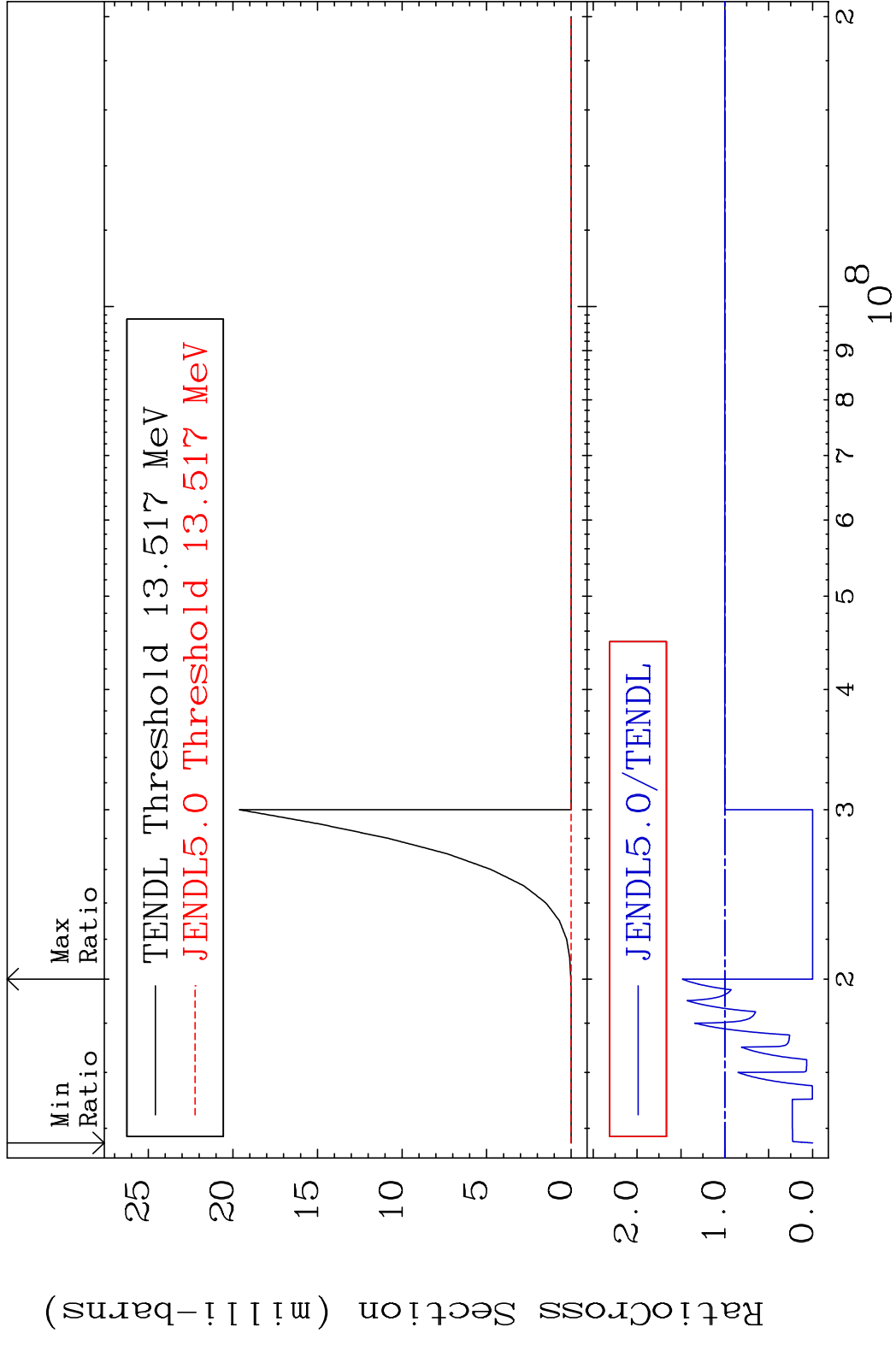
(n, n') t

79-Au-195

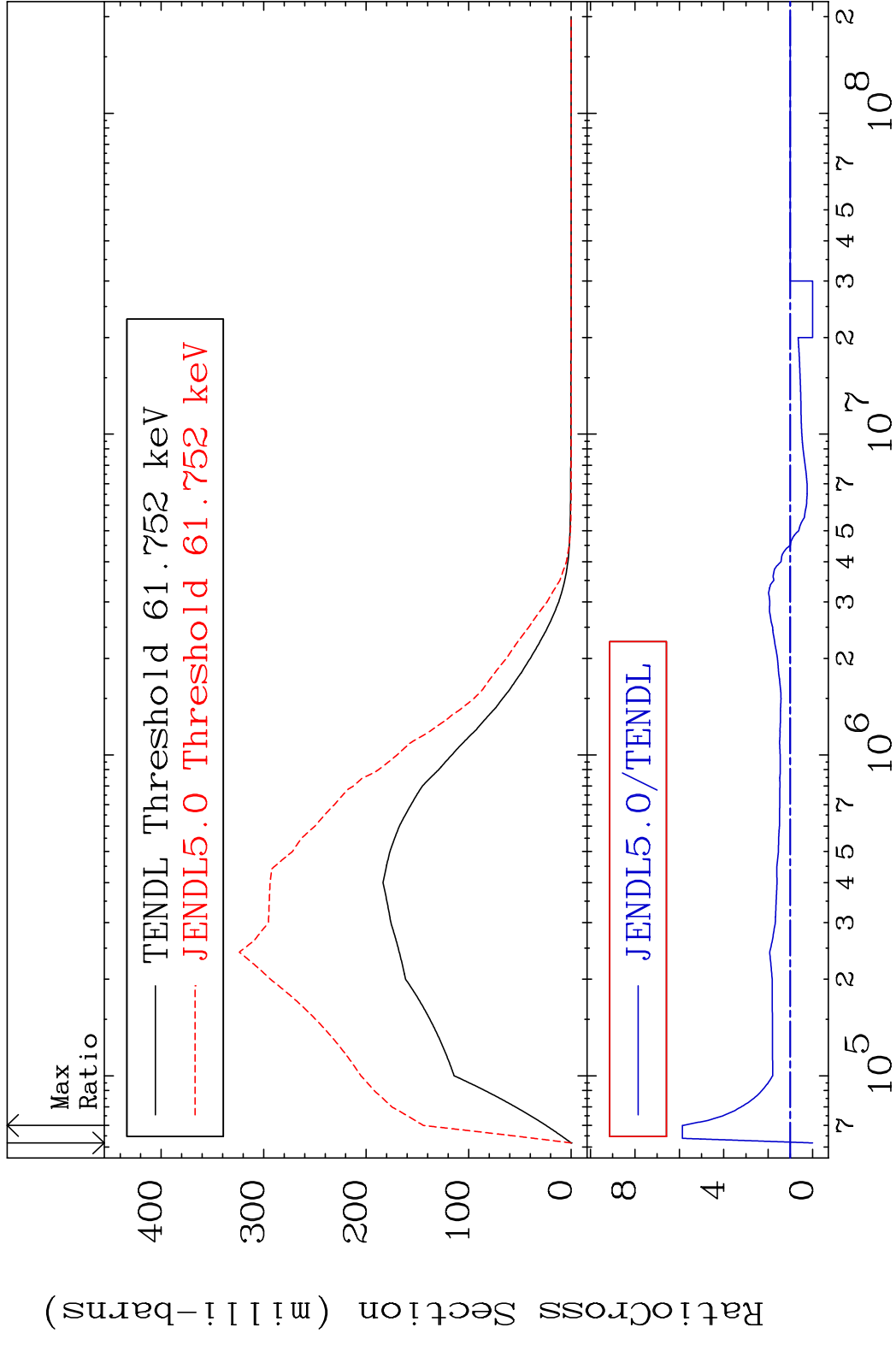
Cross Section -100.0 To 90.67 %



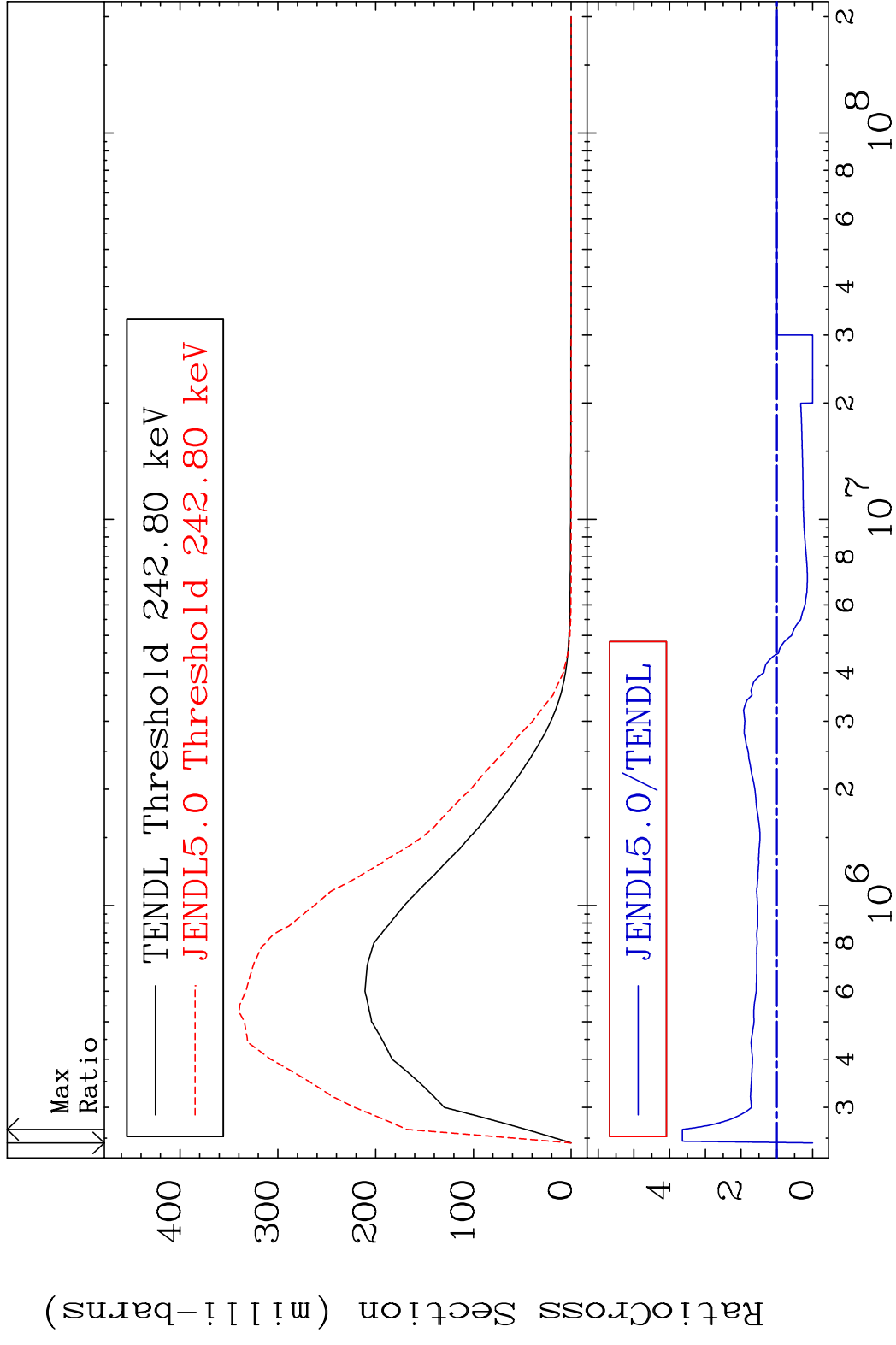
MAT 7919 (n,2n) p 79-Au-195
 Cross Section -100.0 To 48.37 %



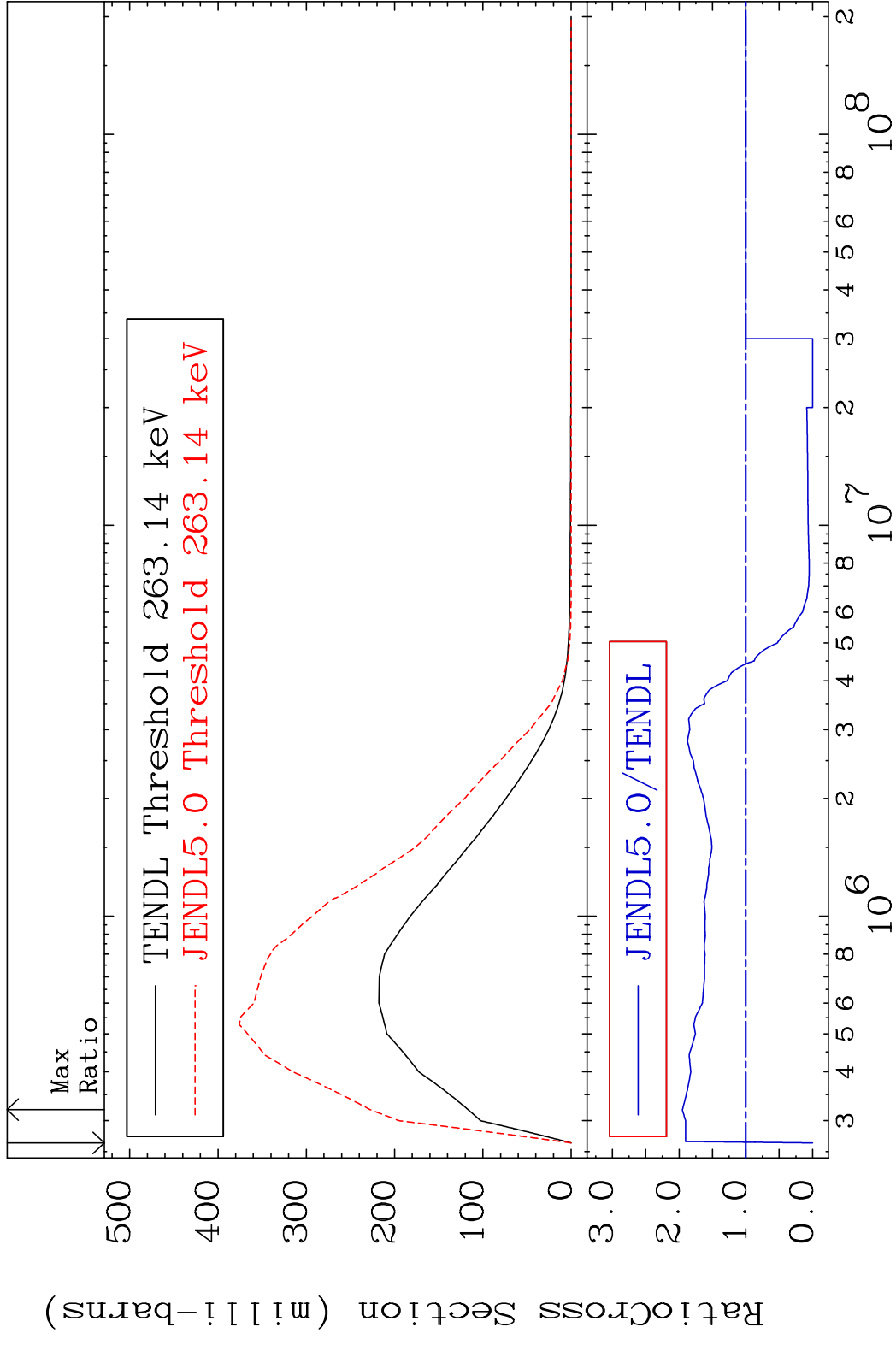
MAT 7919 MT= 51 (n,n') Level 79-Au-195
 Cross Section -100.0 To 486.3 %



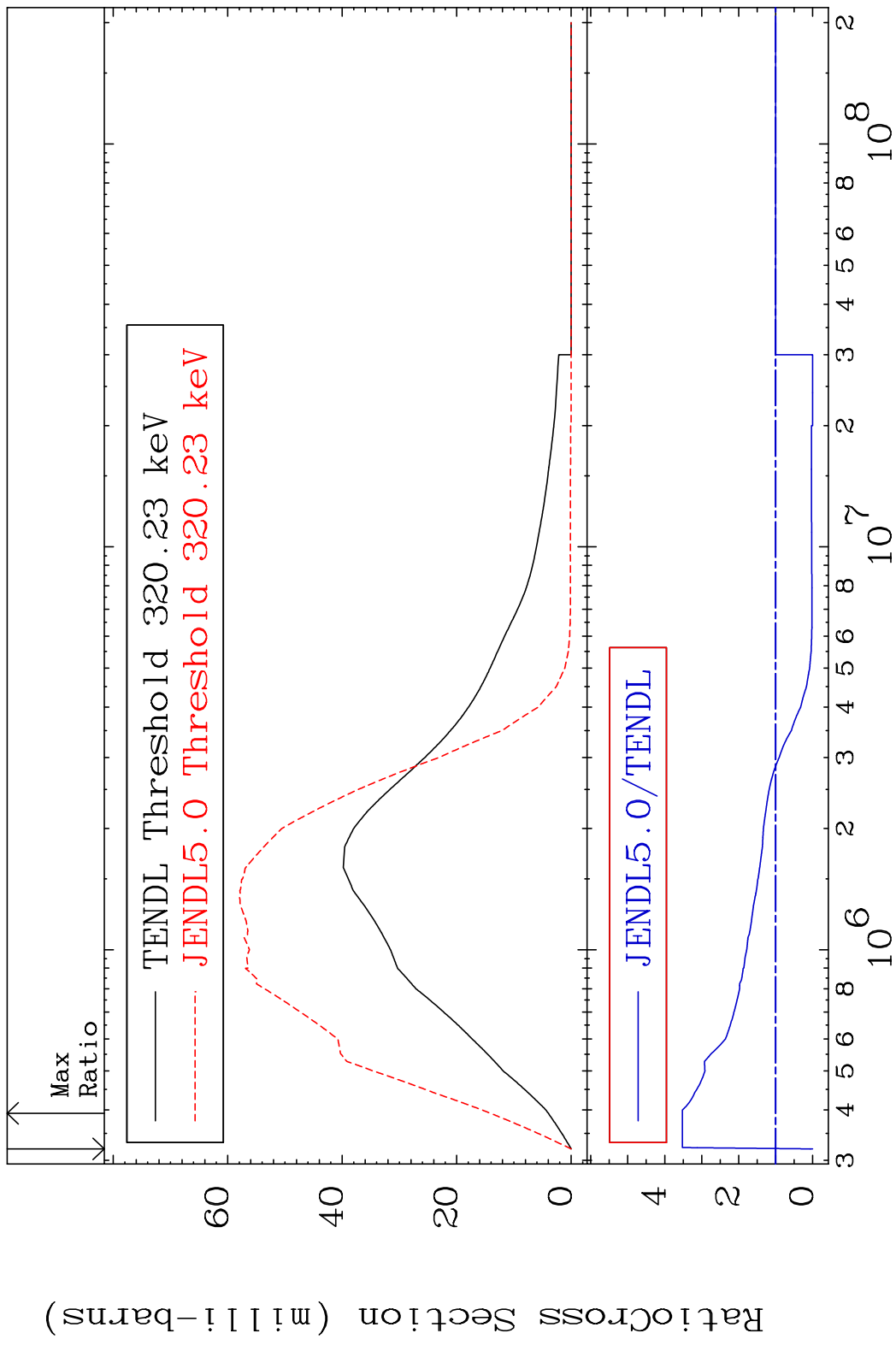
MAT 7919 MT= 52 (n, n') Level 79-Au-195
 Cross Section -100.0 To 264.3 %



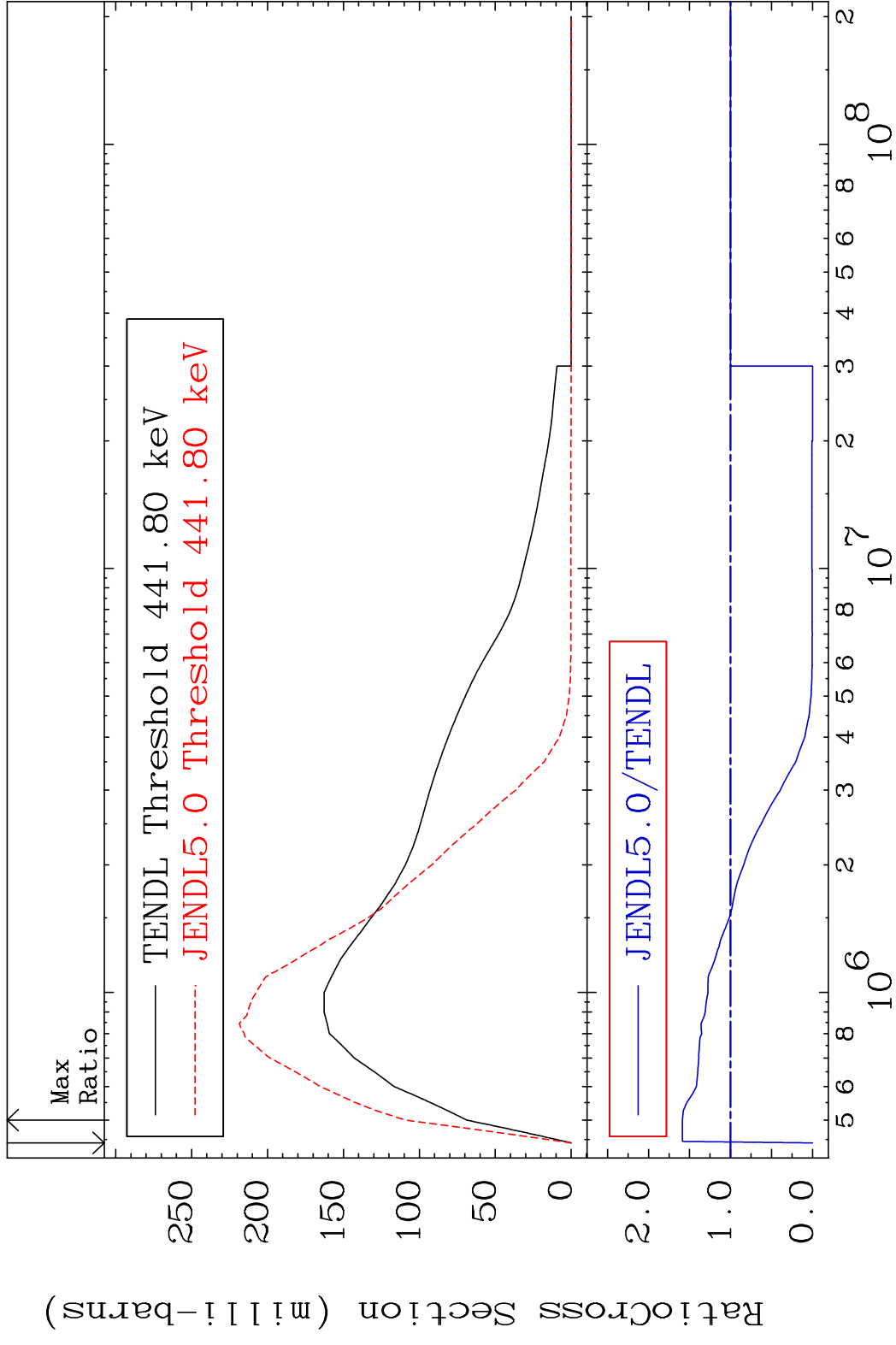
MAT 7919 MT= 53 (n, n') Level 79-Au-195
 Cross Section -100.0 To 95.12 %



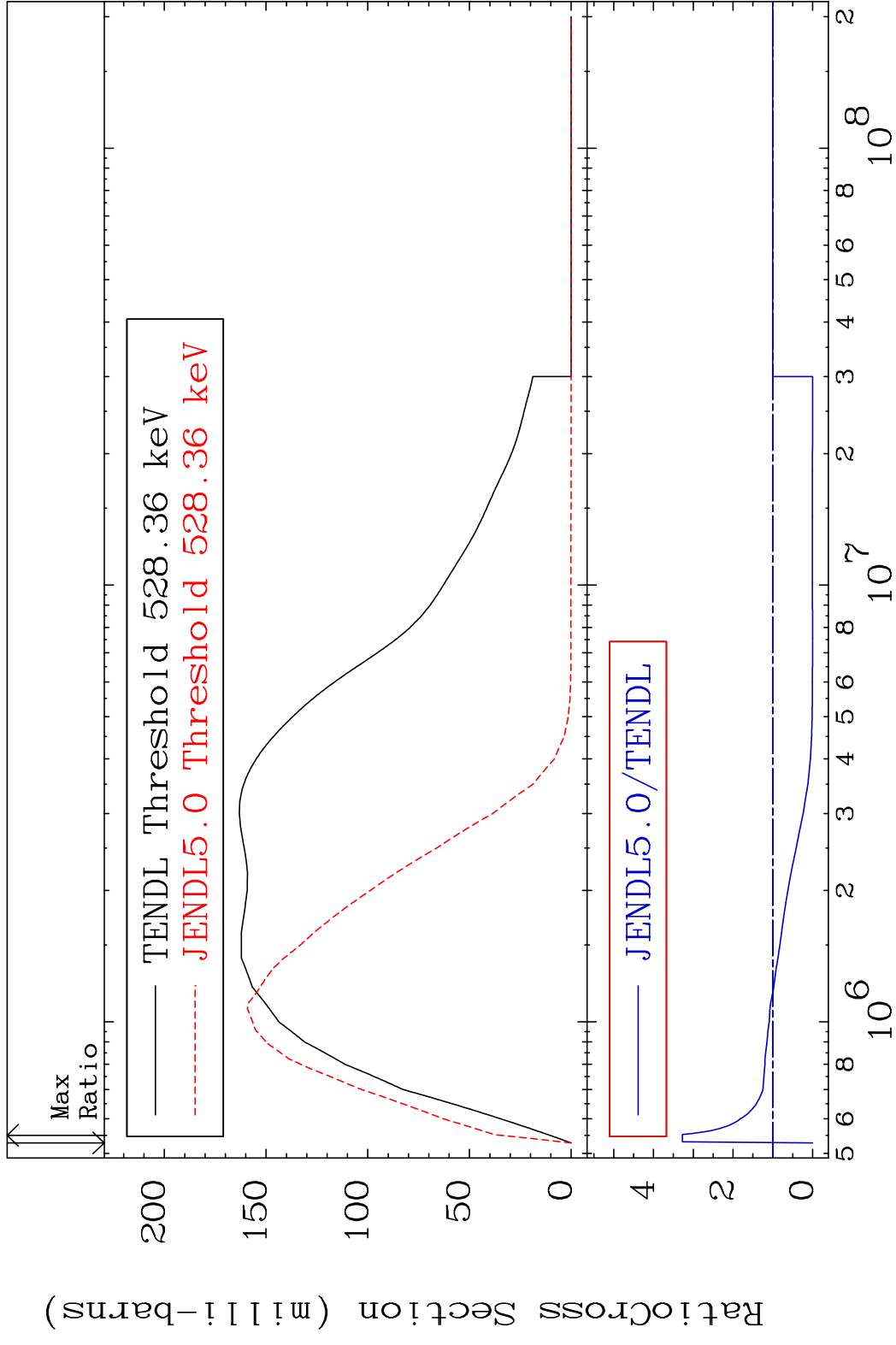
MAT 7919 MT= 54 (n,n') Level 79-Au-195
 Cross Section -100.0 To 252.3 %



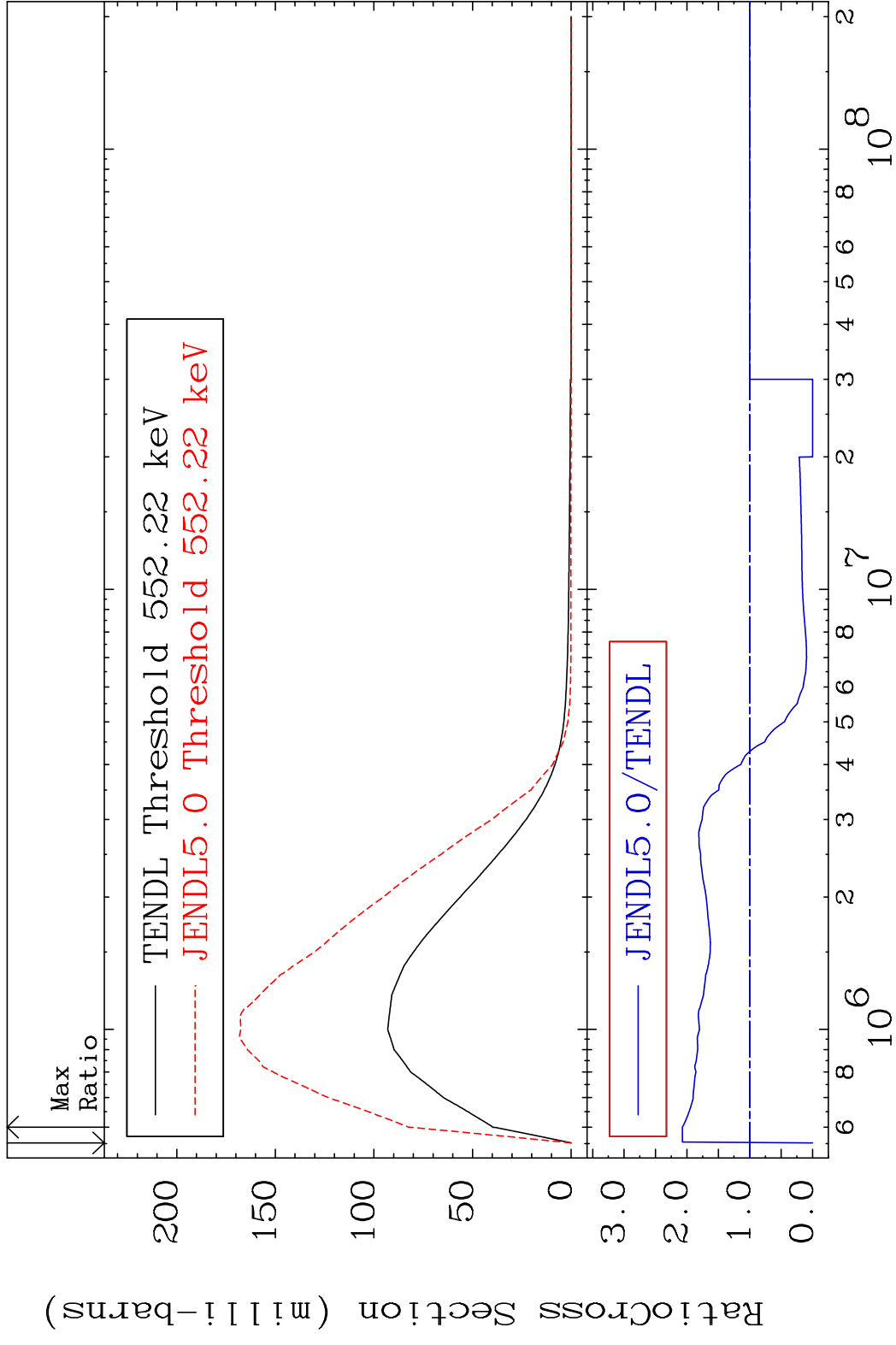
MAT 7919 MT= 55 (n,n') Level 79-Au-195
 Cross Section -100.0 To 58.80 %



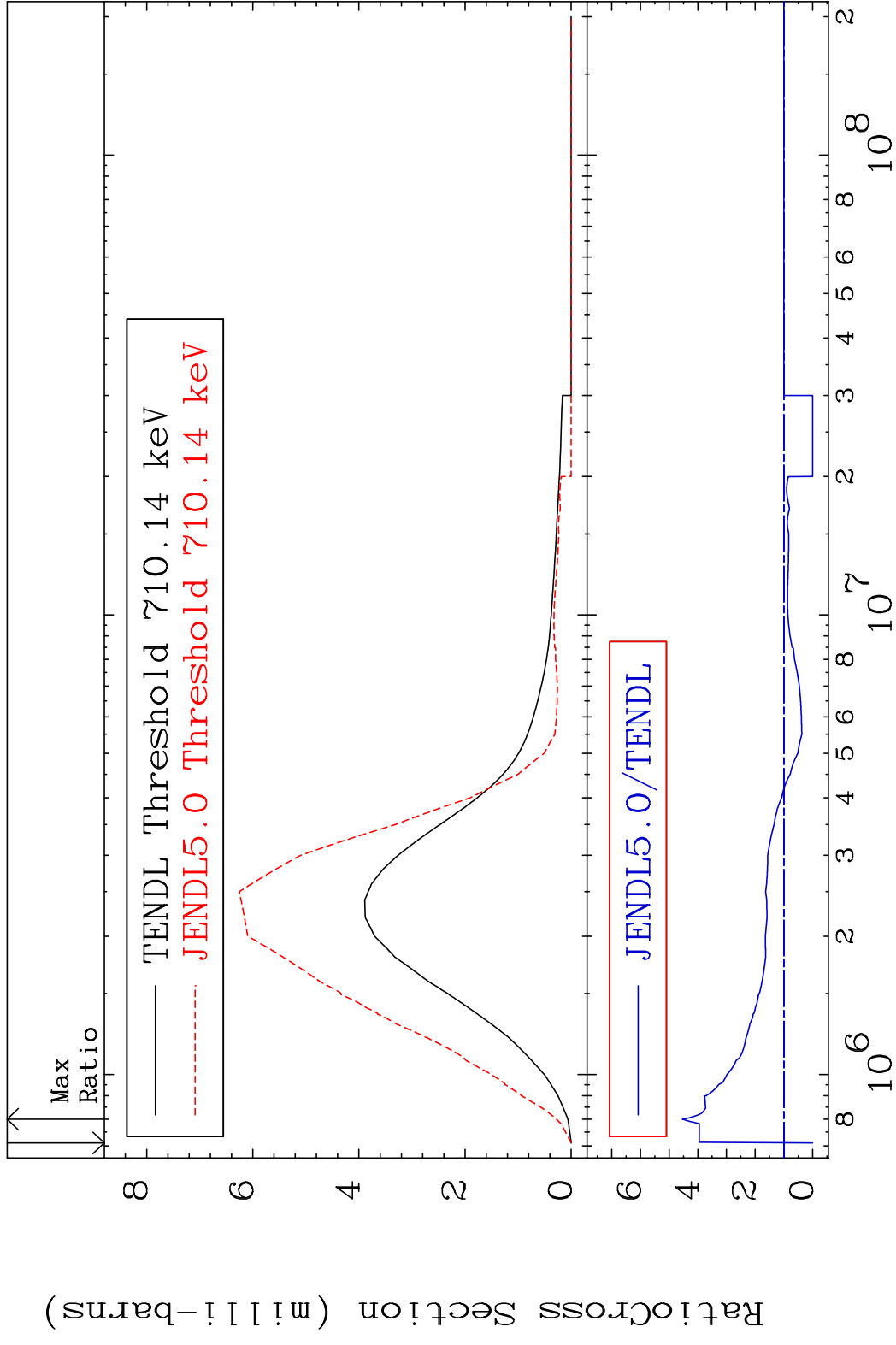
MAT 7919 MT= 56 (n,n') Level 79-Au-195
 Cross Section -100.0 To 227.4 %



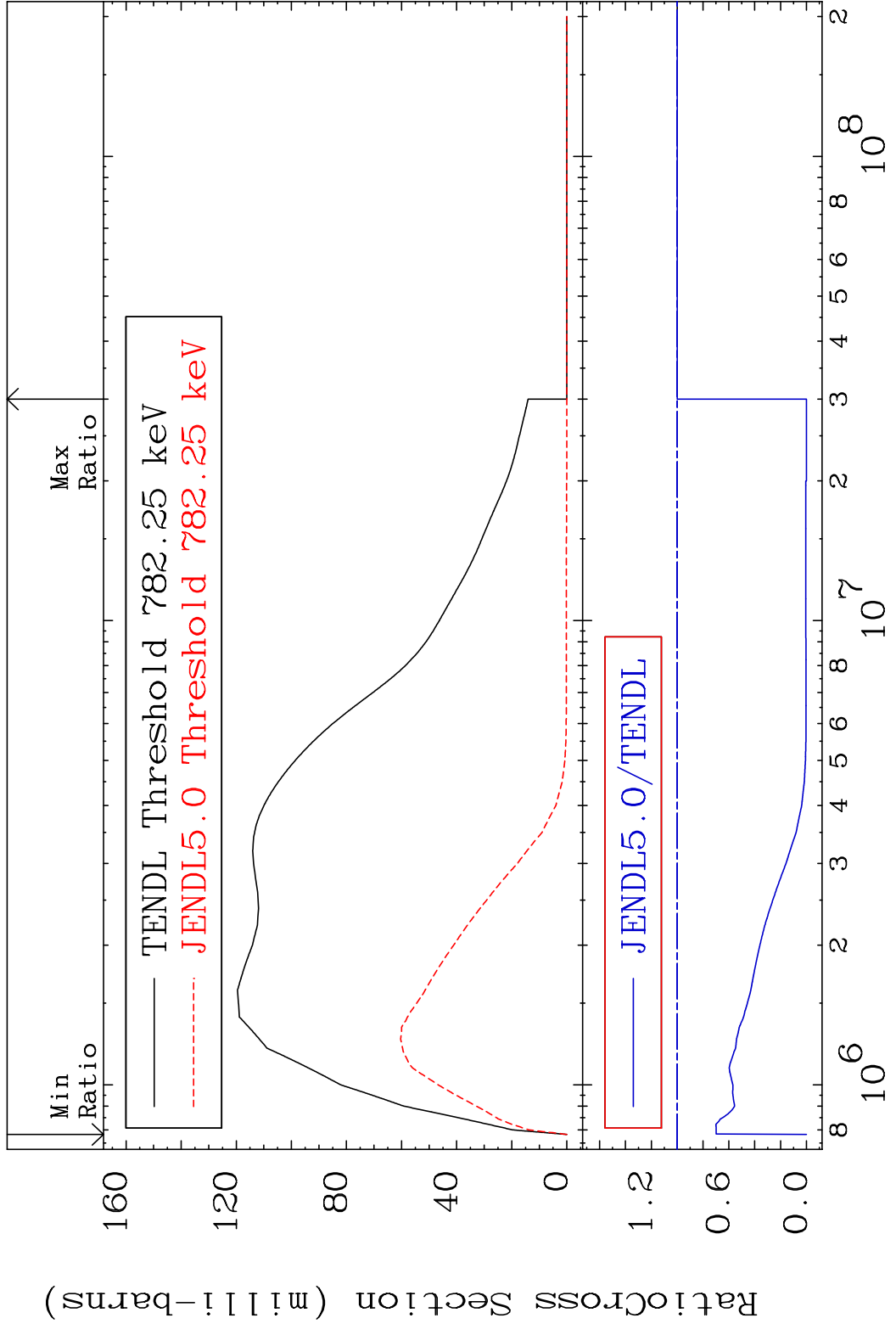
MAT 7919 MT= 57 (n,n') Level 79-Au-195
 Cross Section -100.0 To 107.3 %



MAT 7919 MT= 58 (n,n') Level 79-Au-195
 Cross Section -100.0 To 353.8 %

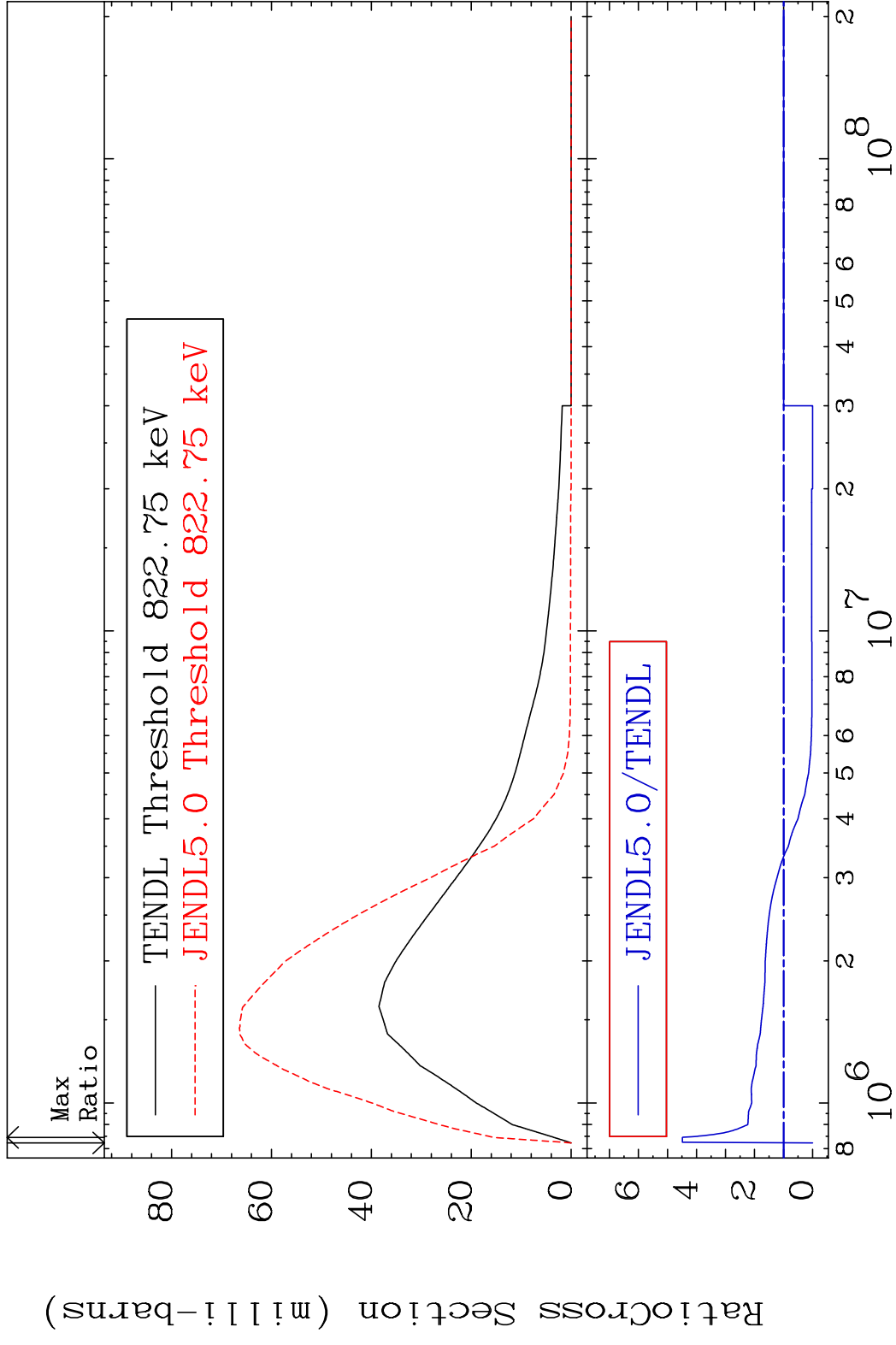


MAT 7919 MT= 59 (n, n') Level 79-Au-195
 Cross Section -100.0 To 0.000 %

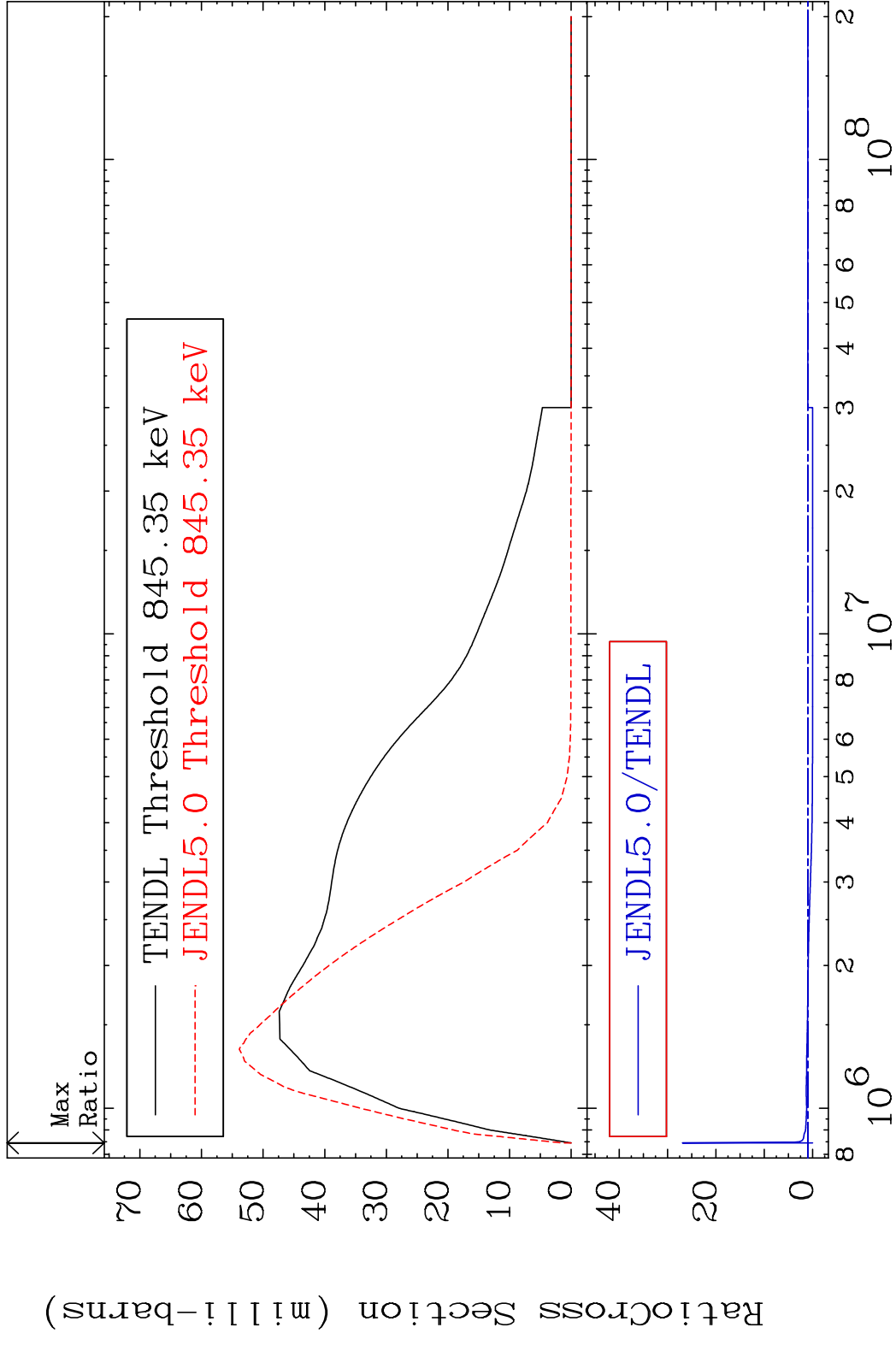


20 Incident Energy (eV) 79-Au-195

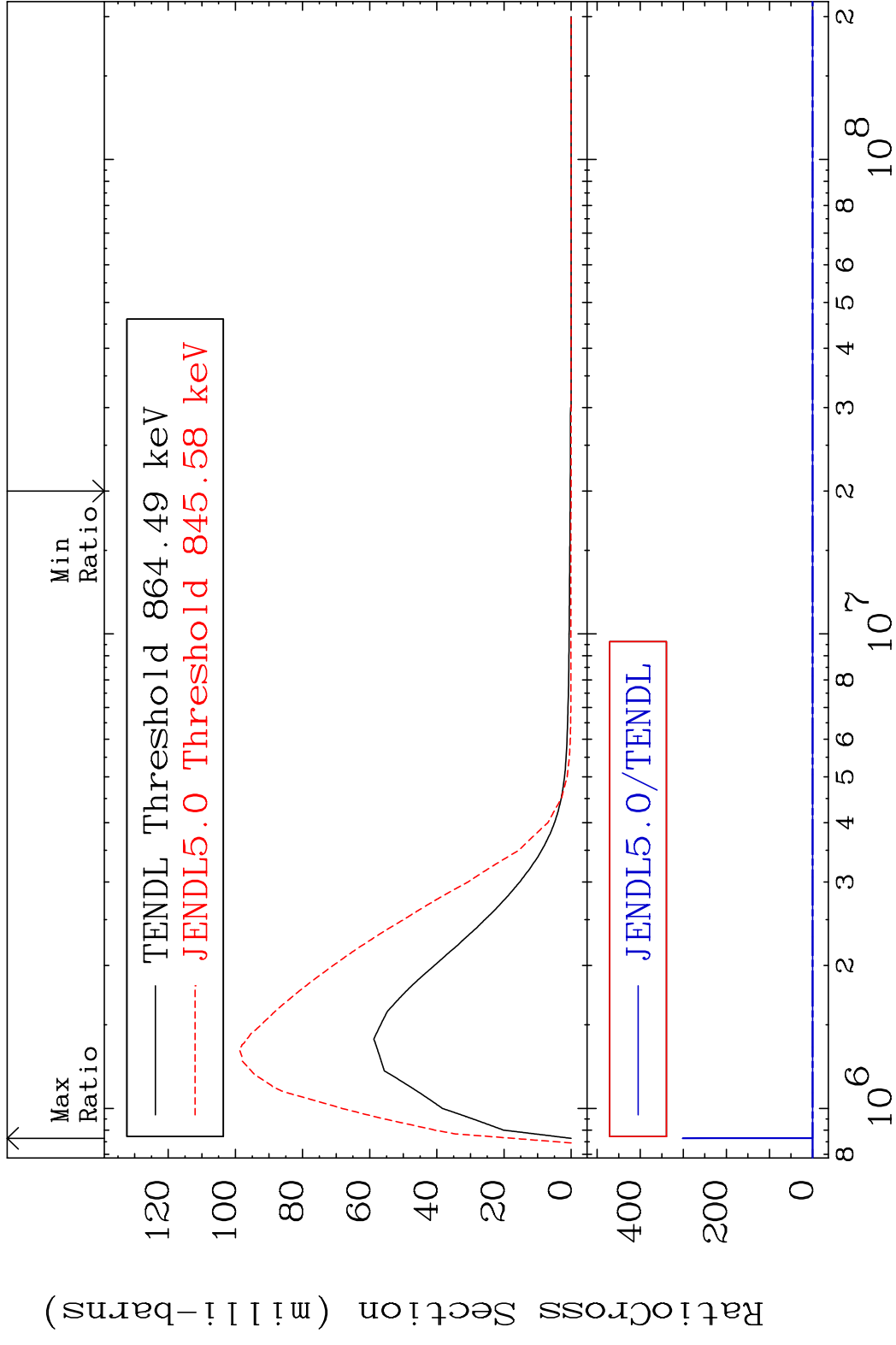
MAT 7919 MT= 60 (n,n') Level 79-Au-195
 Cross Section -100.0 To 348.8 %



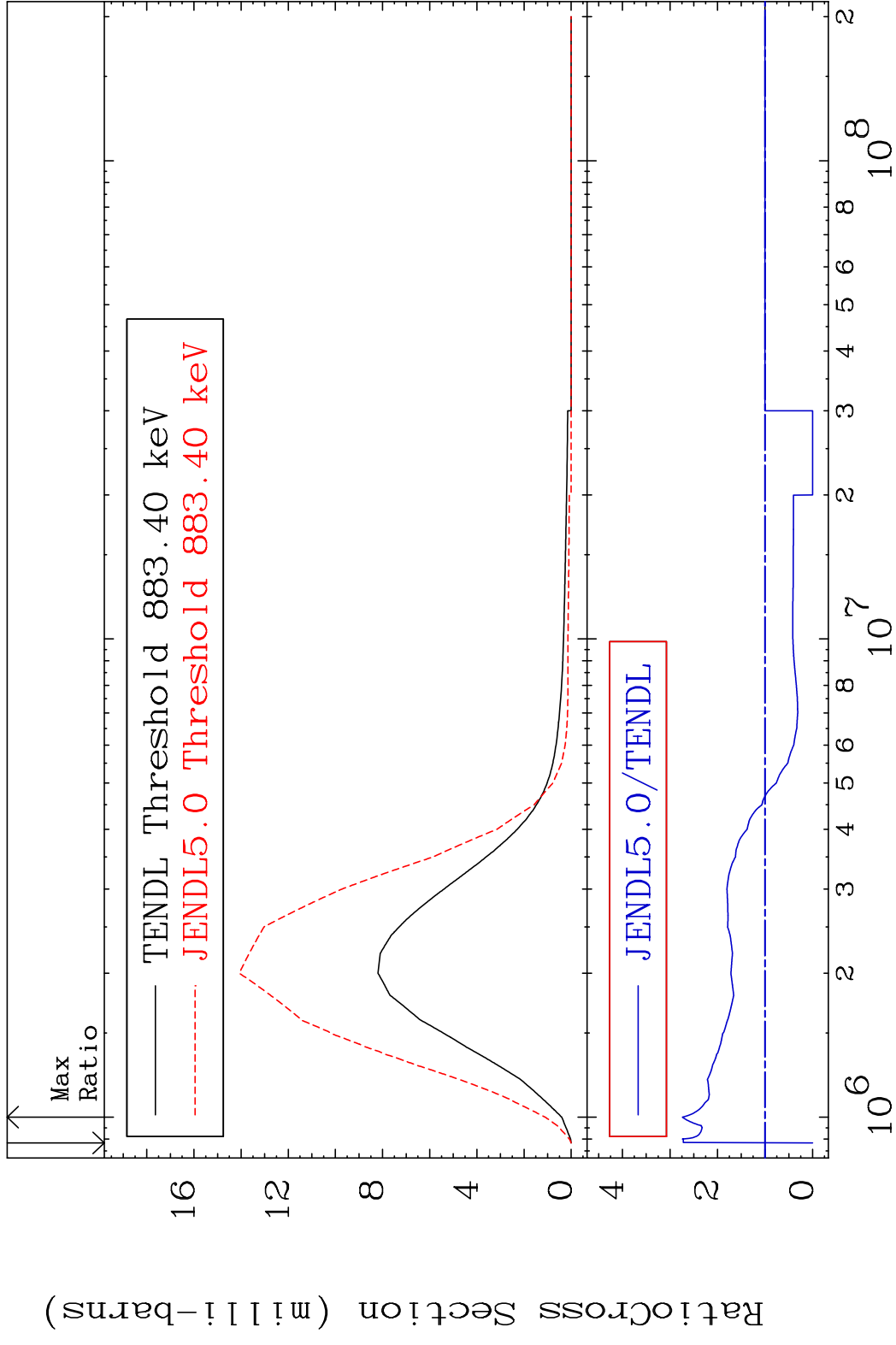
MAT 7919 MT= 61 (n,n') Level 79-Au-195
 Cross Section -100.0 To 2594. %



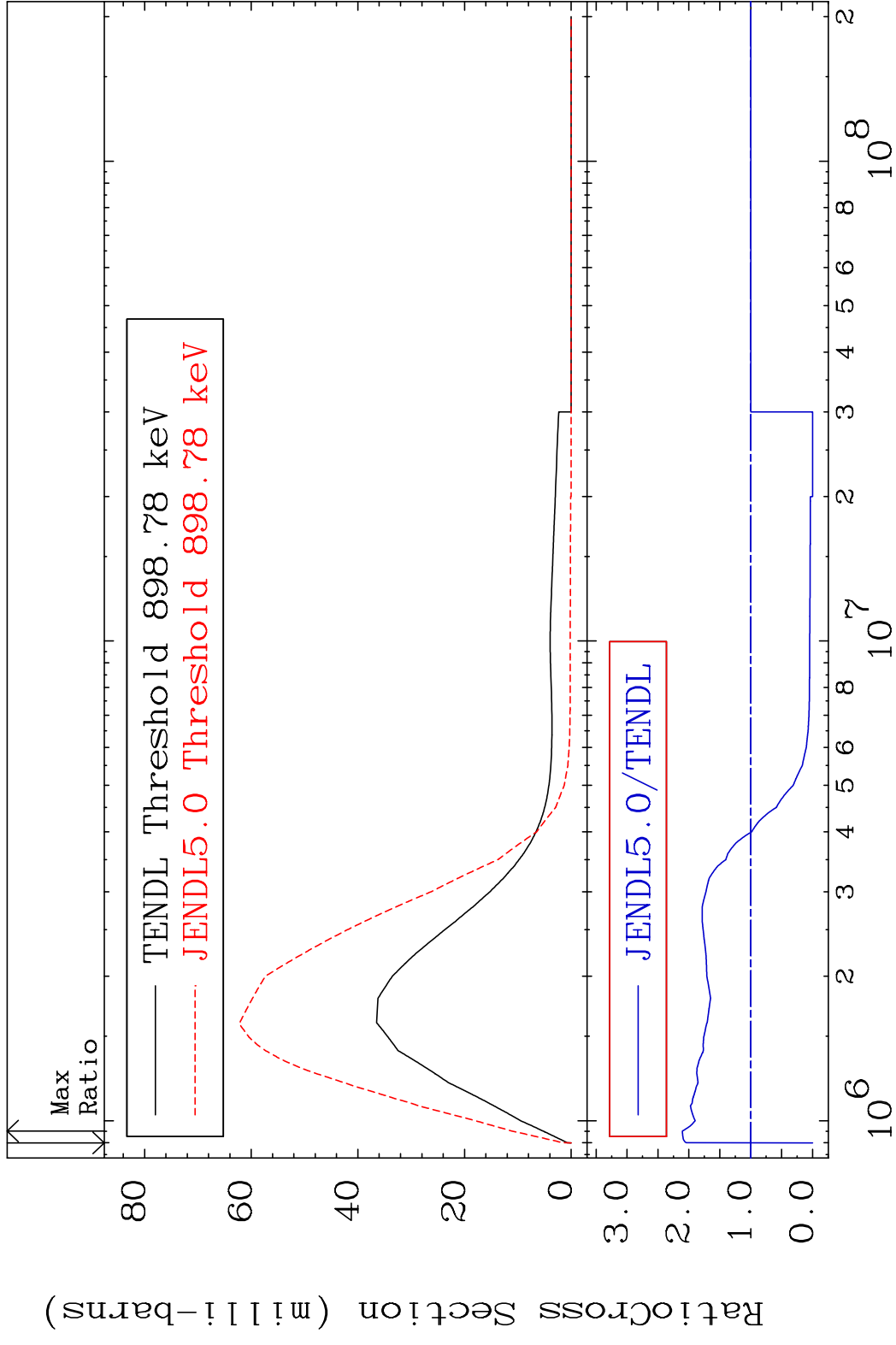
MAT 7919 MT= 62 (n, n') Level 79-Au-195
 Cross Section -100.0 To 9999. %



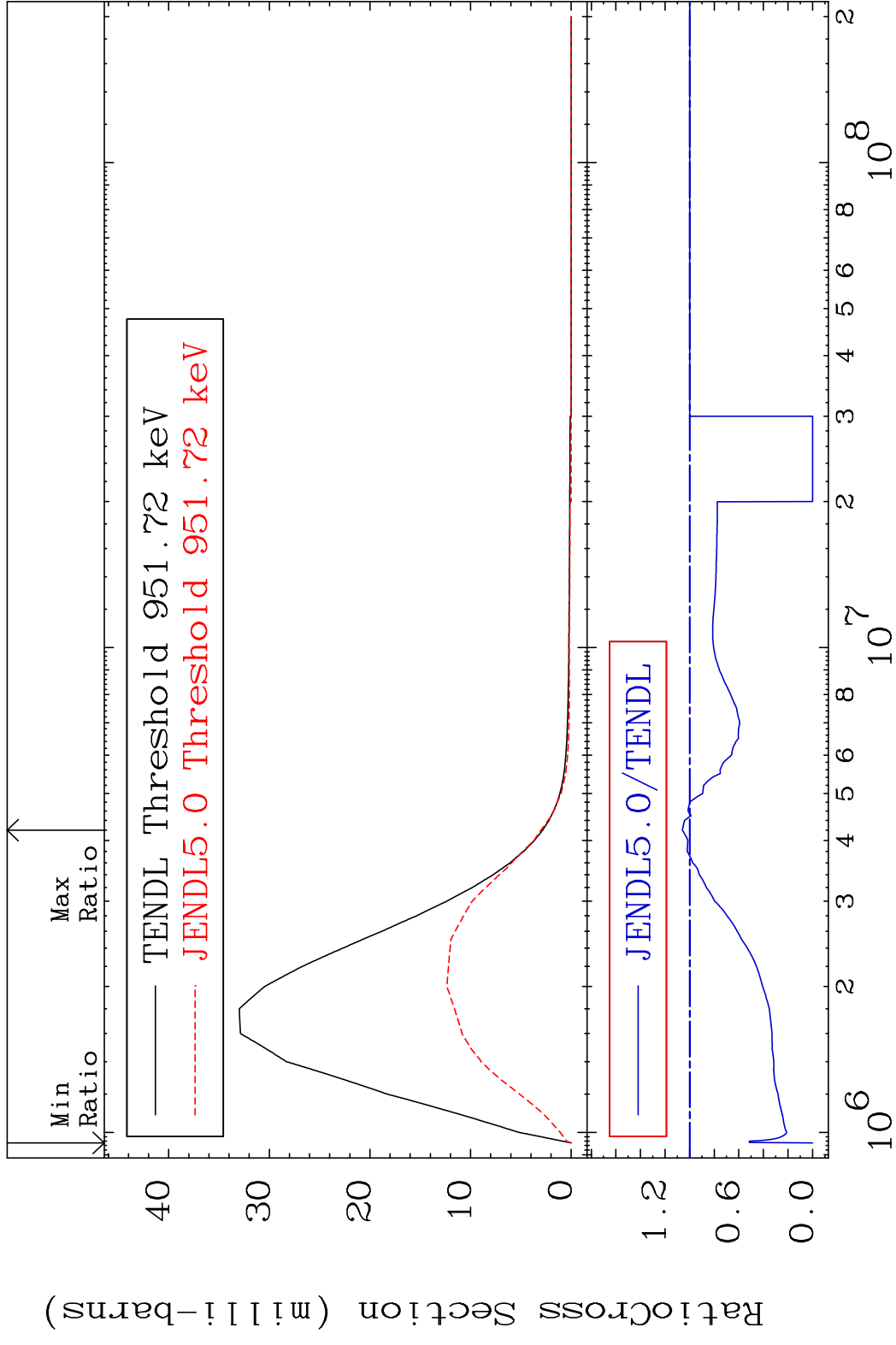
MAT 7919 MT= 63 (n,n') Level 79-Au-195
 Cross Section -100.0 To 174.0 %



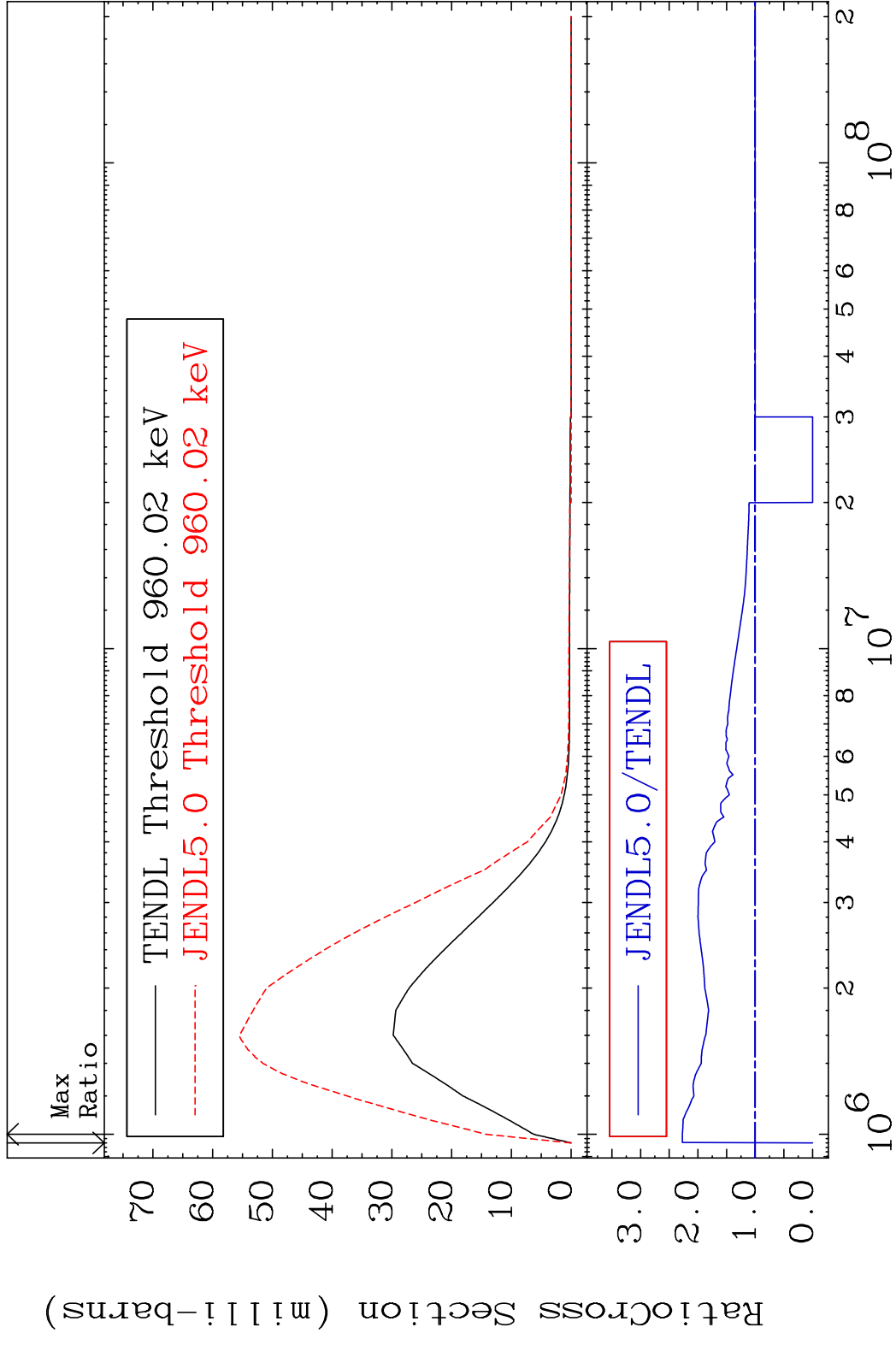
MAT 7919 MT= 64 (n,n') Level 79-Au-195
 Cross Section -100.0 To 110.6 %



MAT 7919 MT= 65 (n,n') Level 79-Au-195
 Cross Section -100.0 To 5.925 %

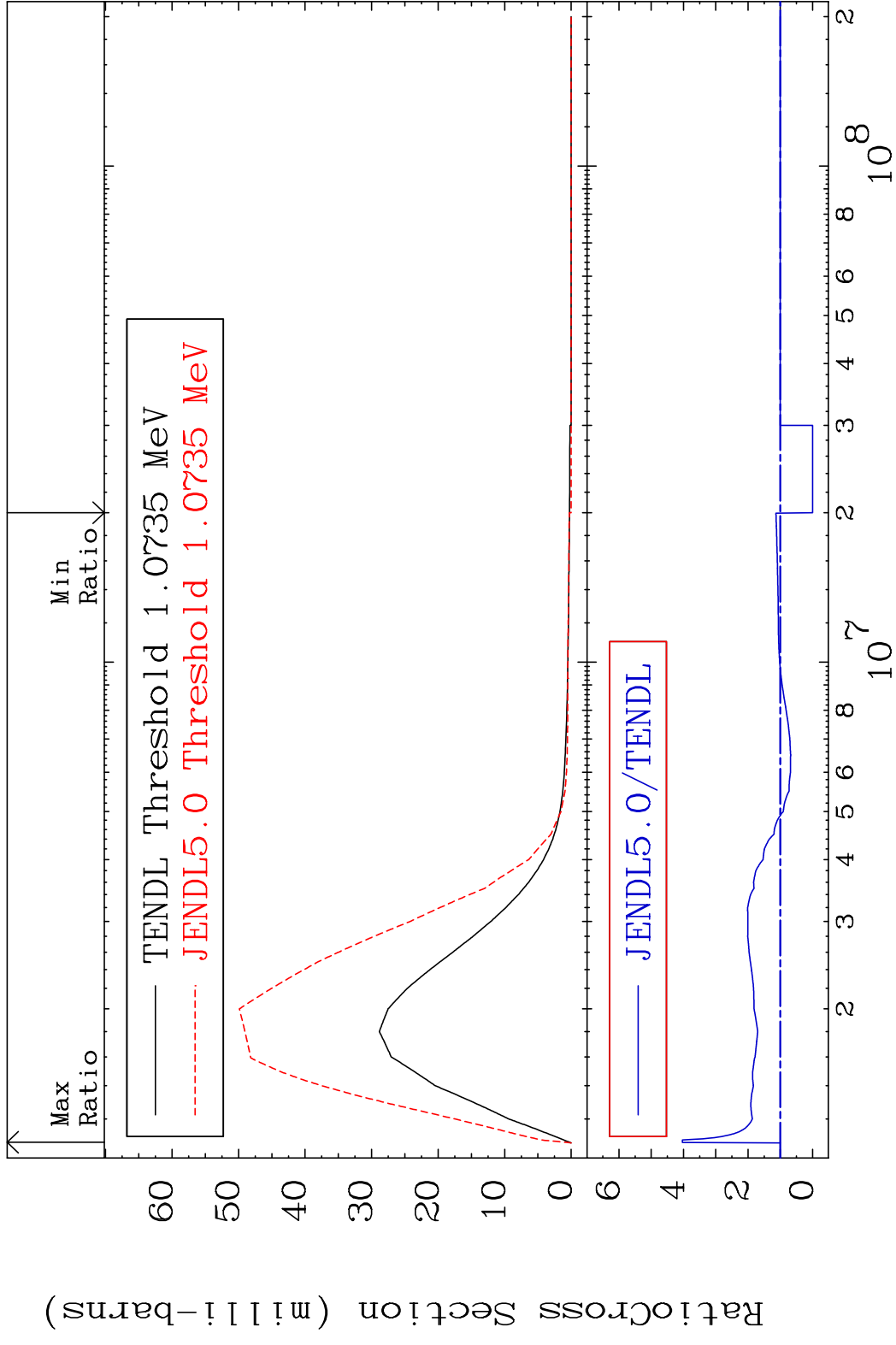


MAT 7919 MT= 66 (n,n') Level 79-Au-195
 Cross Section -100.0 To 127.1 %

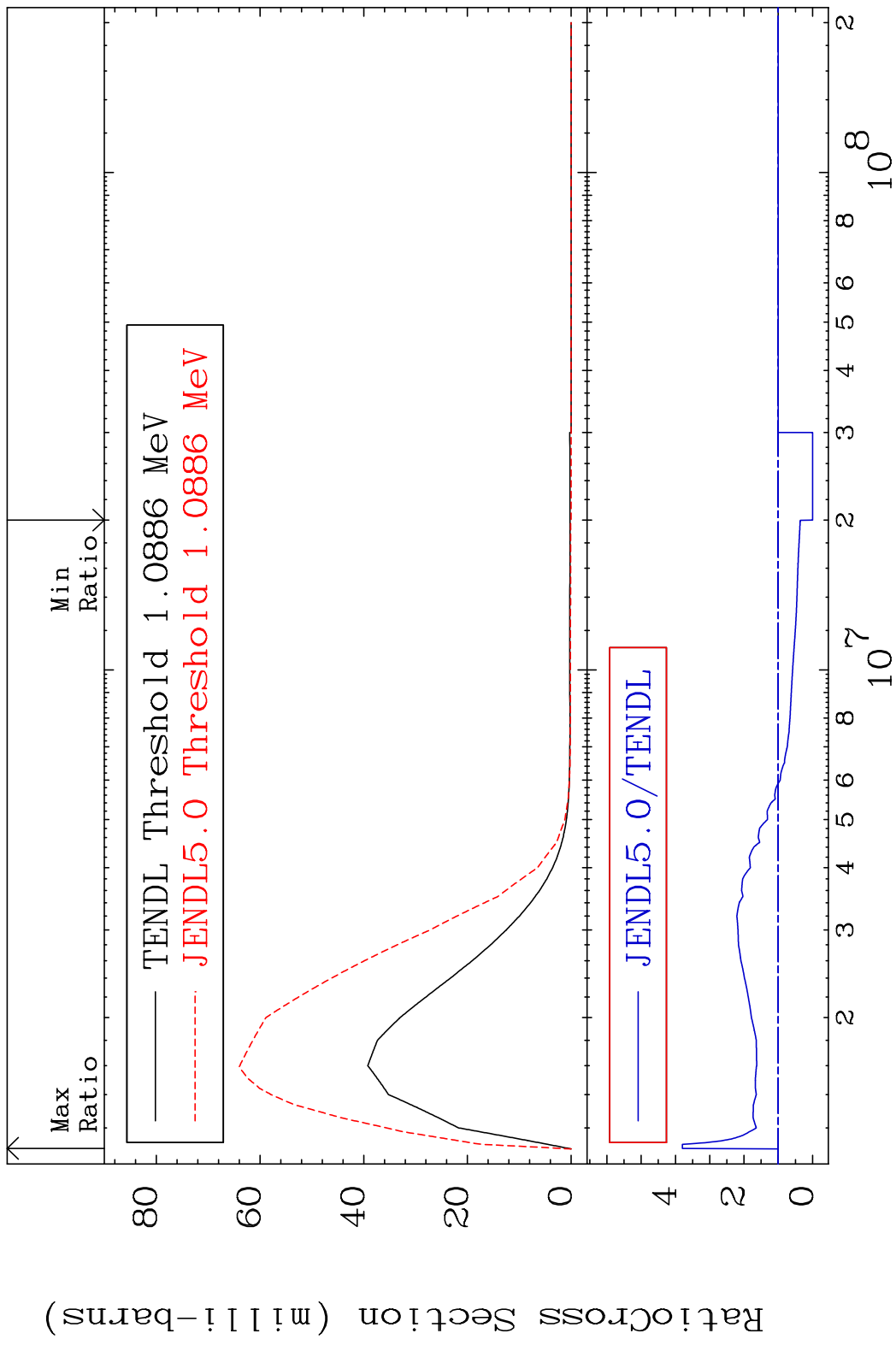


27 Incident Energy (eV) 79-Au-195

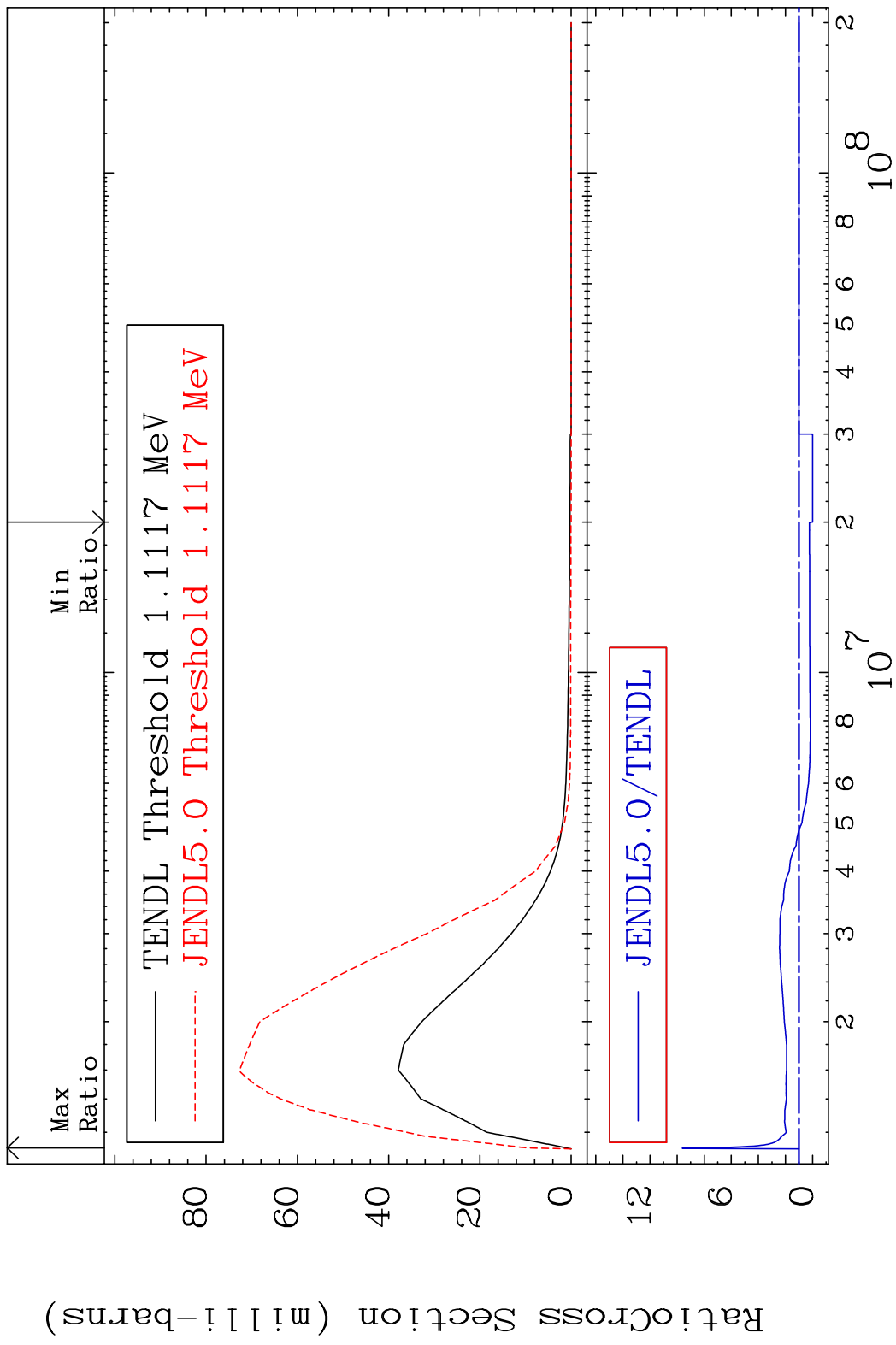
MAT 7919 MT= 67 (n, n') Level 79-Au-195
 Cross Section -100.0 To 303.6 %



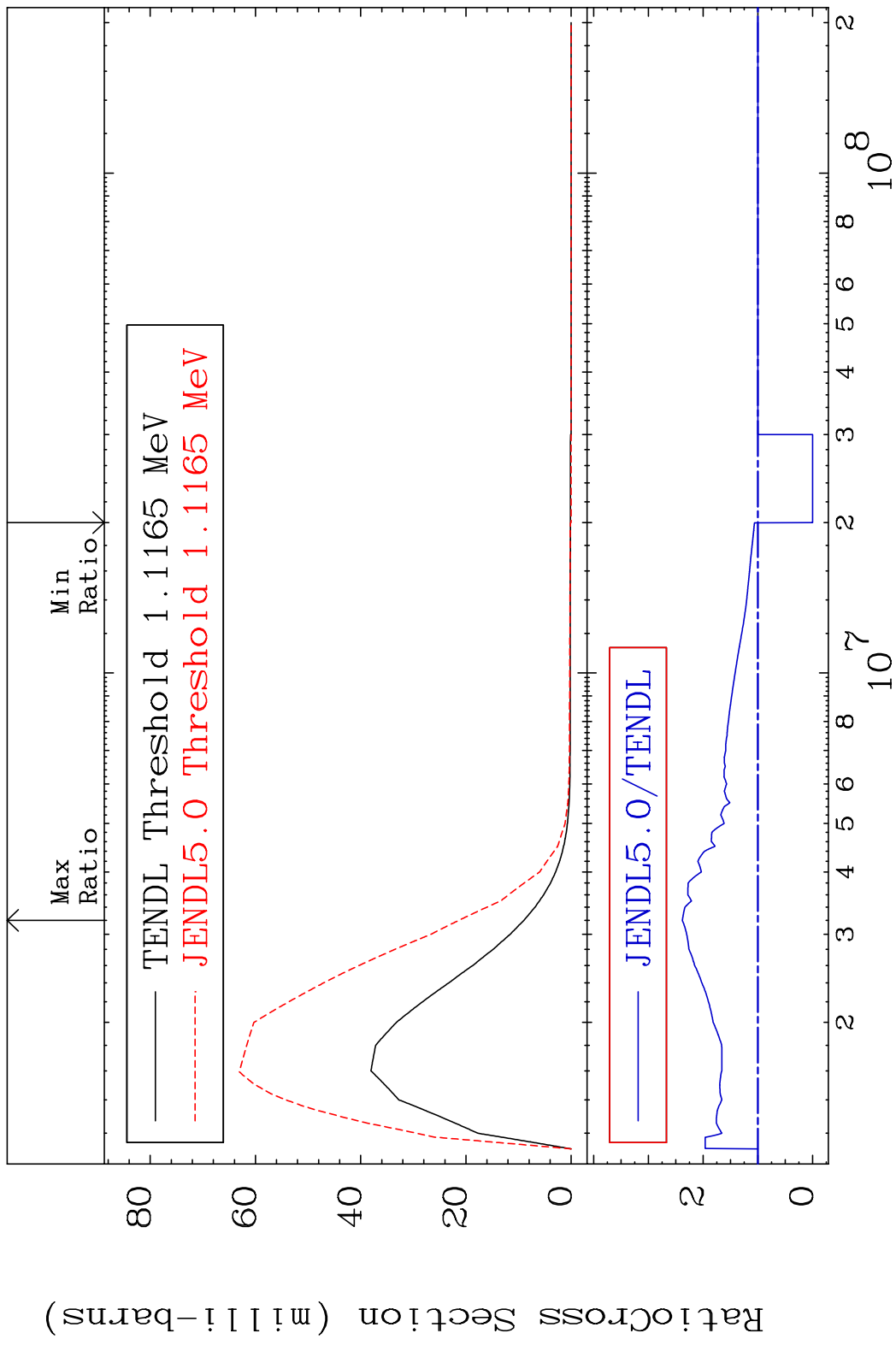
MAT 7919 MT= 68 (n, n') Level 79-Au-195
 Cross Section -100.0 To 279.9 %



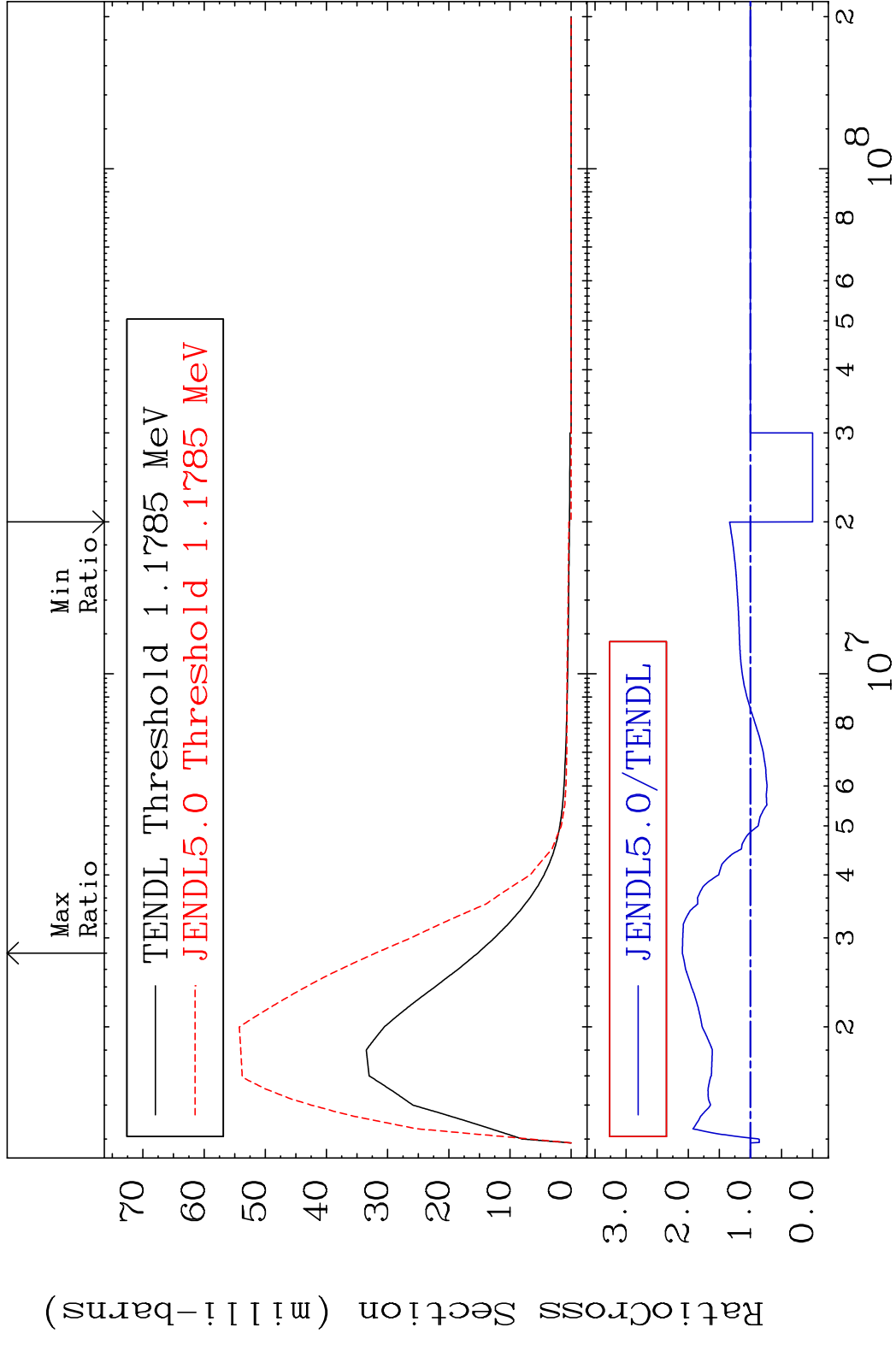
MAT 7919 MT= 69 (n, n') Level 79-Au-195
 Cross Section -100.0 To 861.2 %



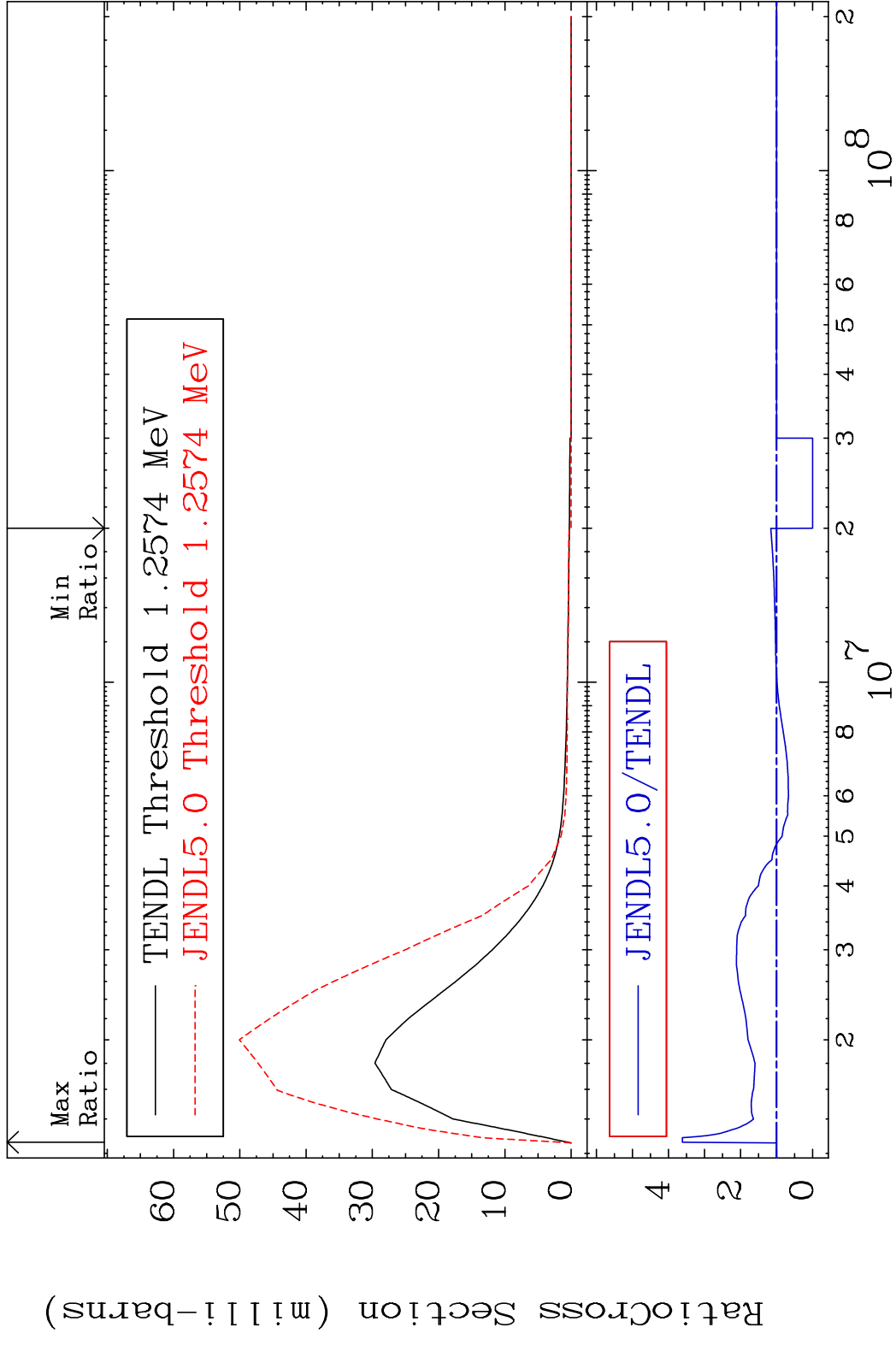
MAT 7919 MT= 70 (n, n') Level 79-Au-195
 Cross Section -100.0 To 137.8 %



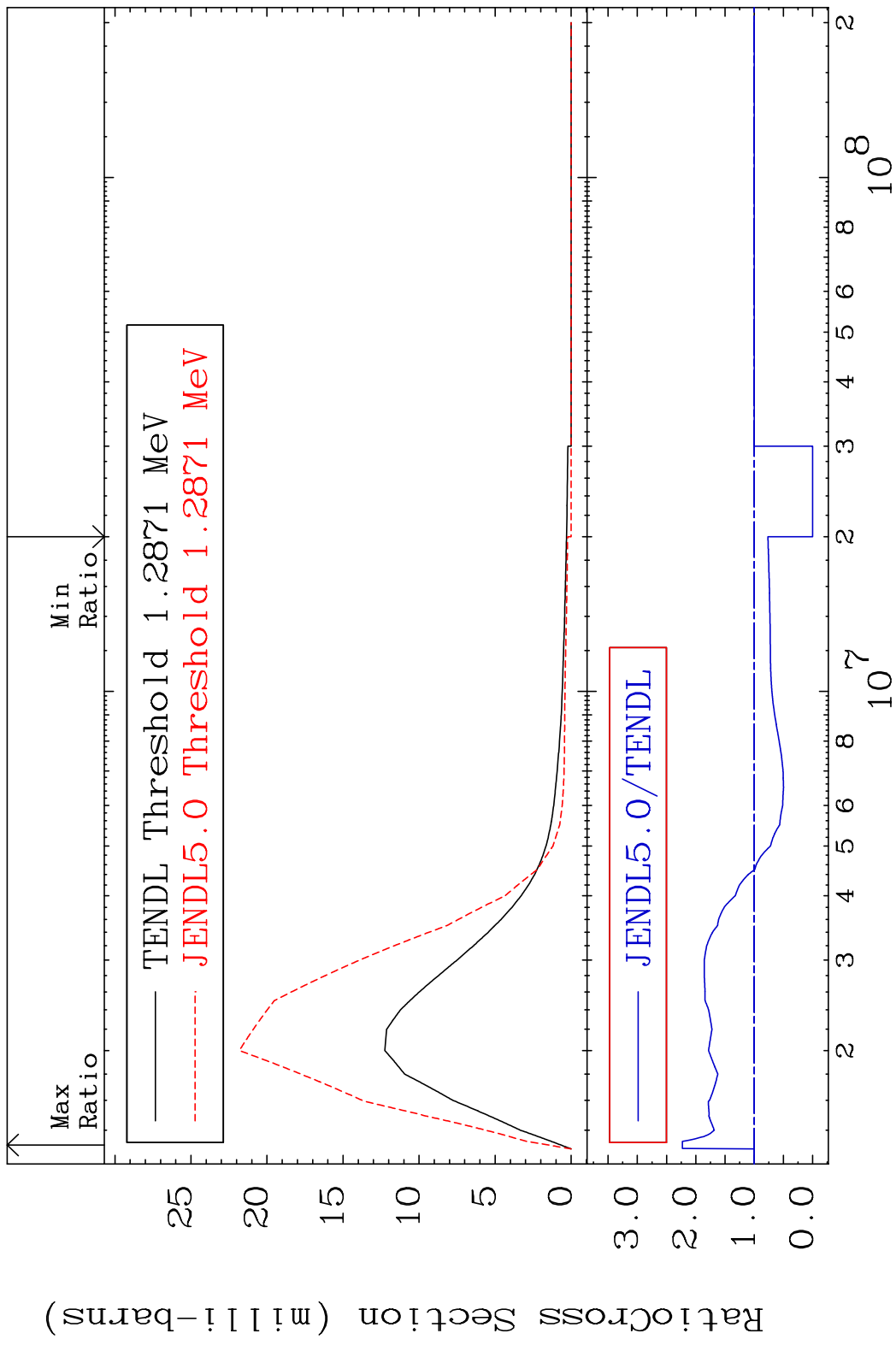
MAT 7919 MT= 71 (n, n') Level 79-Au-195
 Cross Section -100.0 To 109.5 %



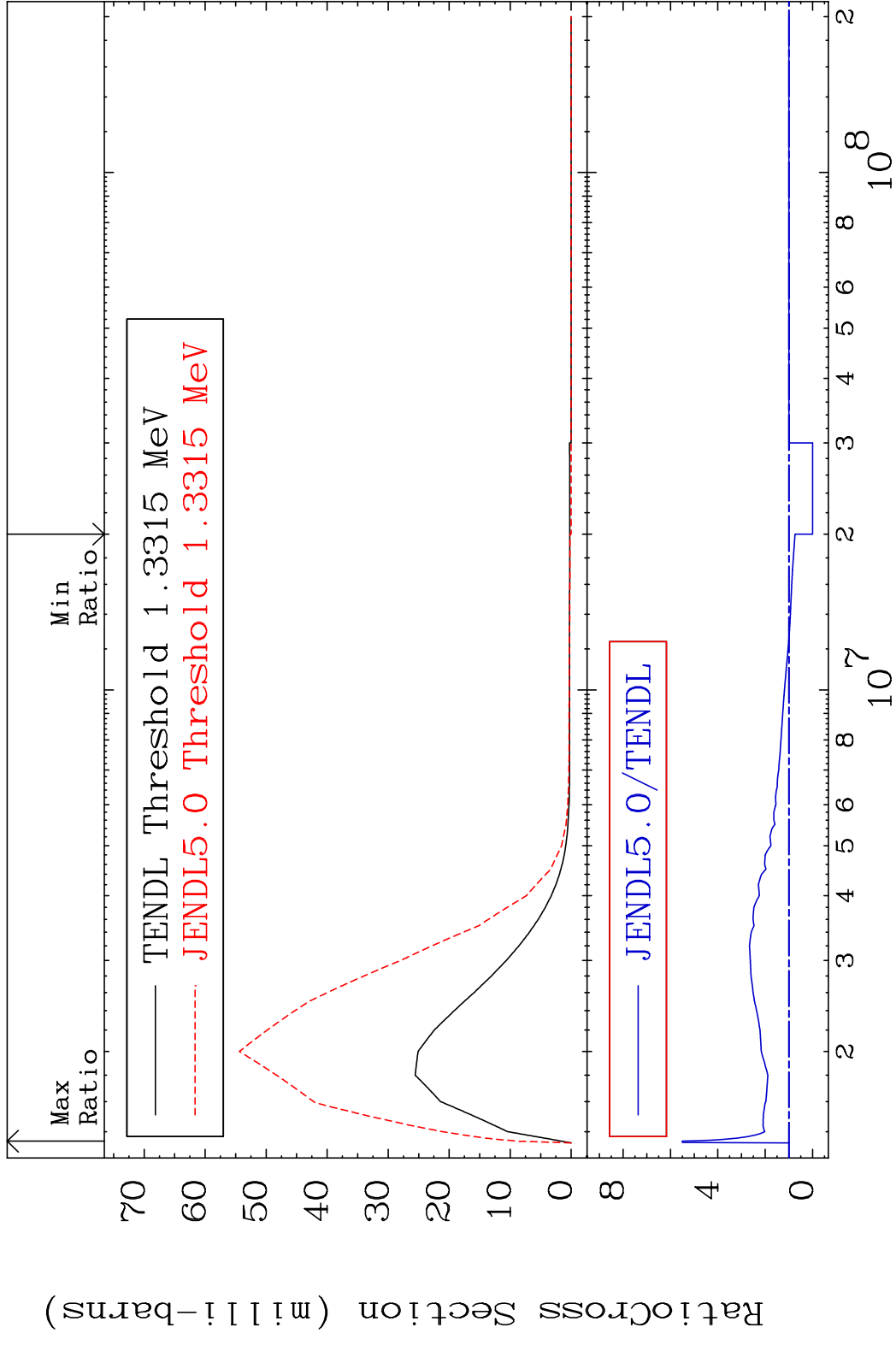
MAT 7919 MT= 72 (n, n') Level 79-Au-195
 Cross Section -100.0 To 261.3 %



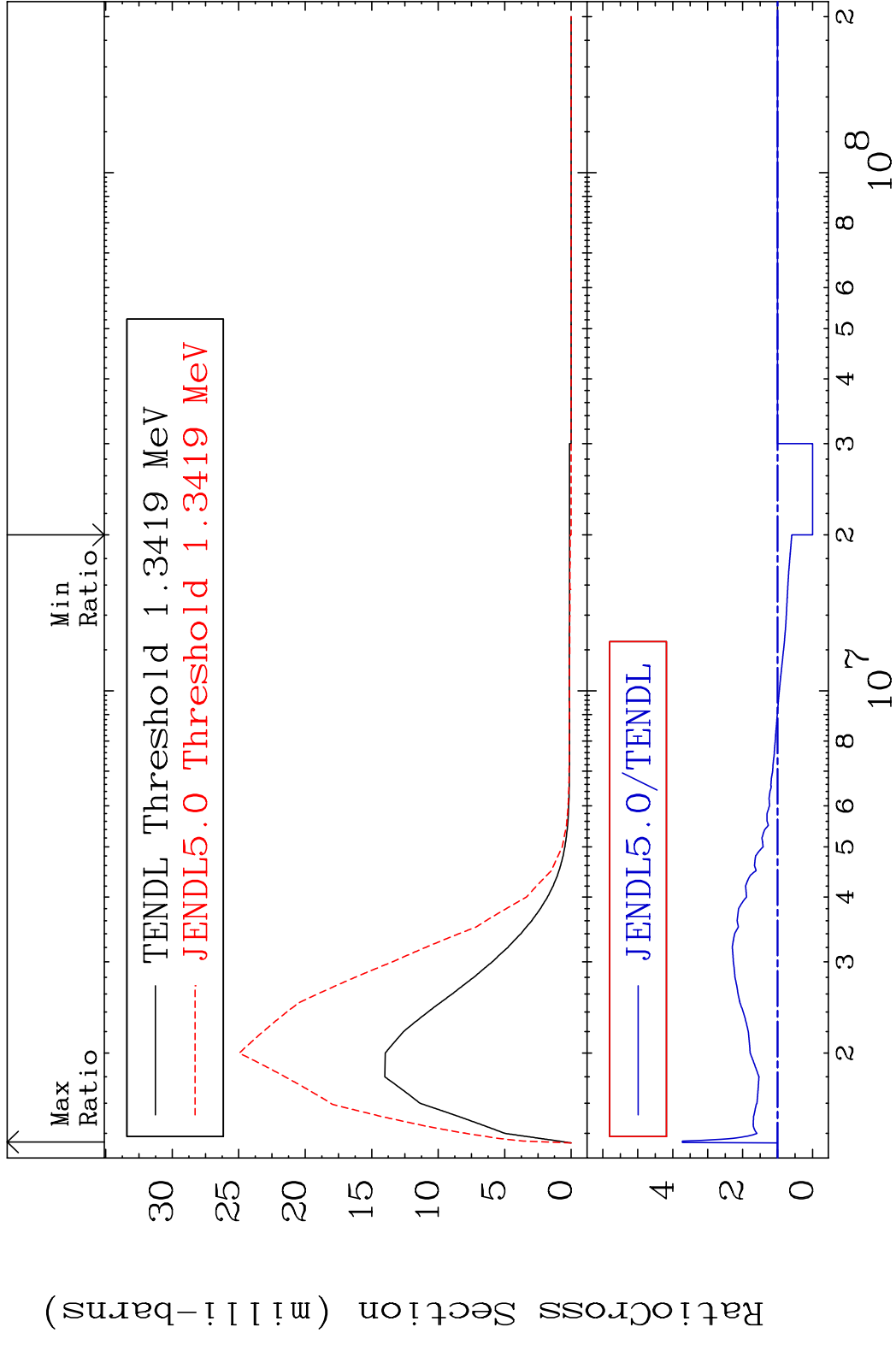
MAT 7919 MT= 73 (n, n') Level 79-Au-195
 Cross Section -100.0 To 122.9 %



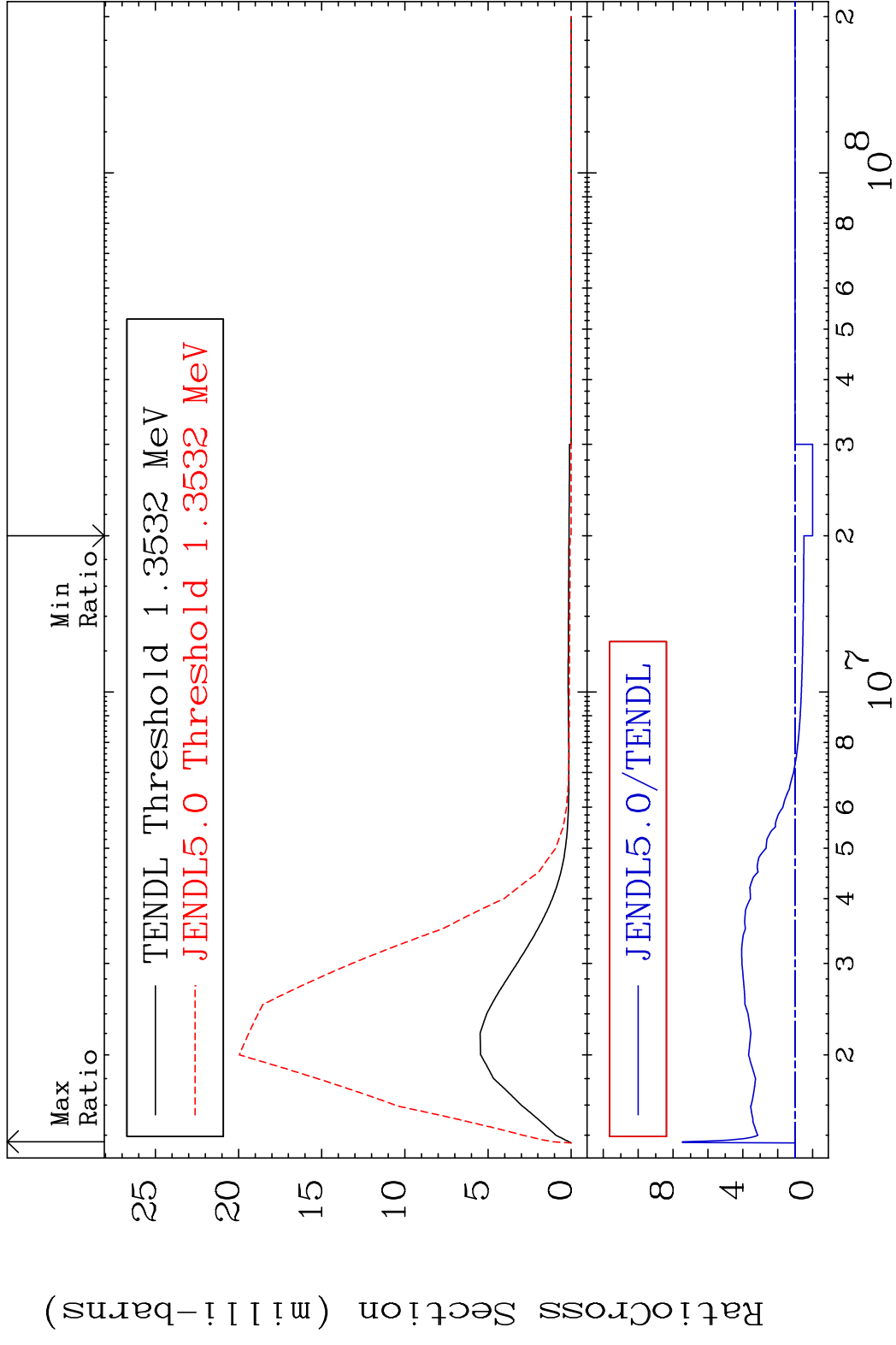
MAT 7919 MT= 74 (n, n') Level 79-Au-195
 Cross Section -100.0 To 449.8 %



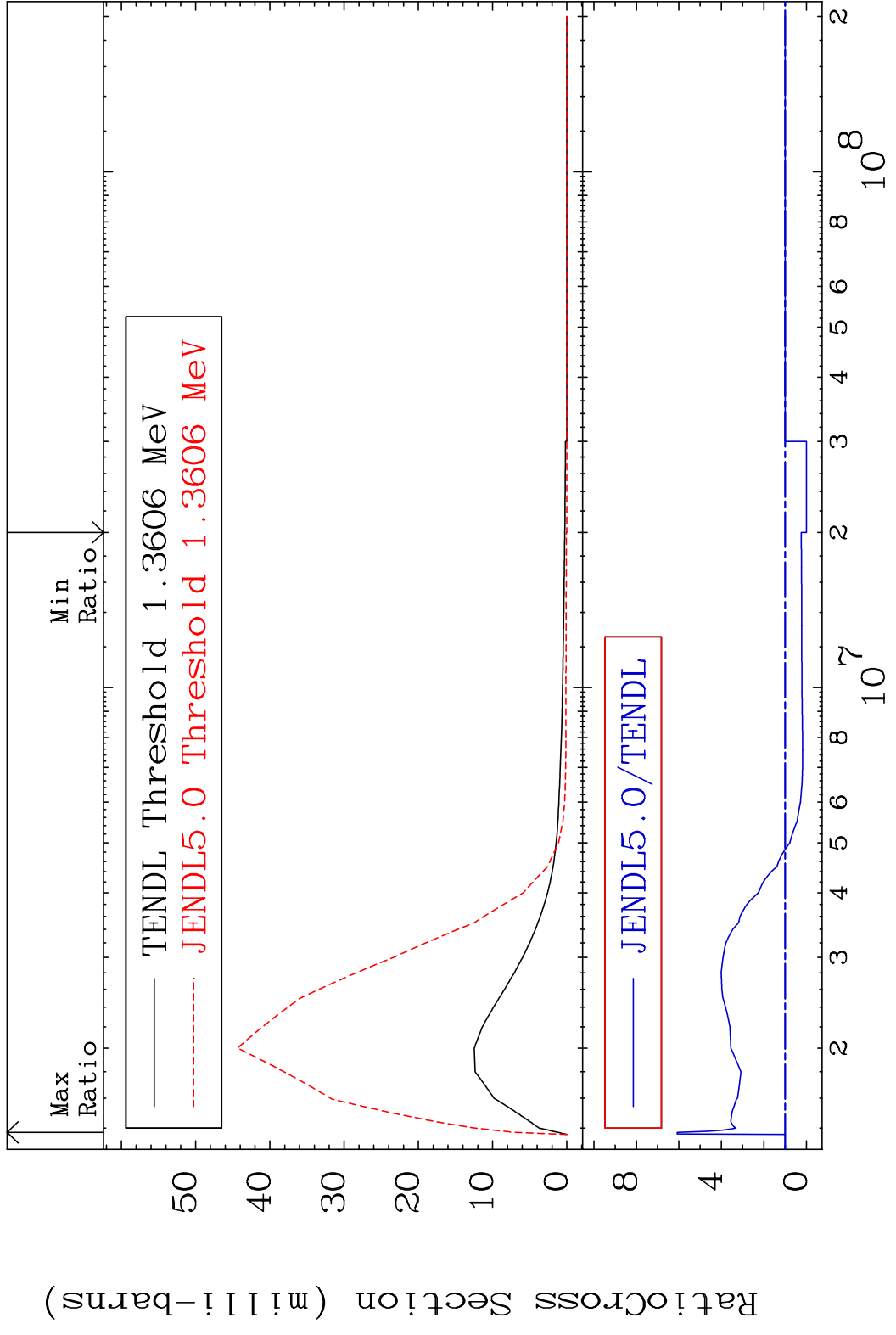
MAT 7919 MT= 75 (n, n') Level 79-Au-195
 Cross Section -100.0 To 272.5 %



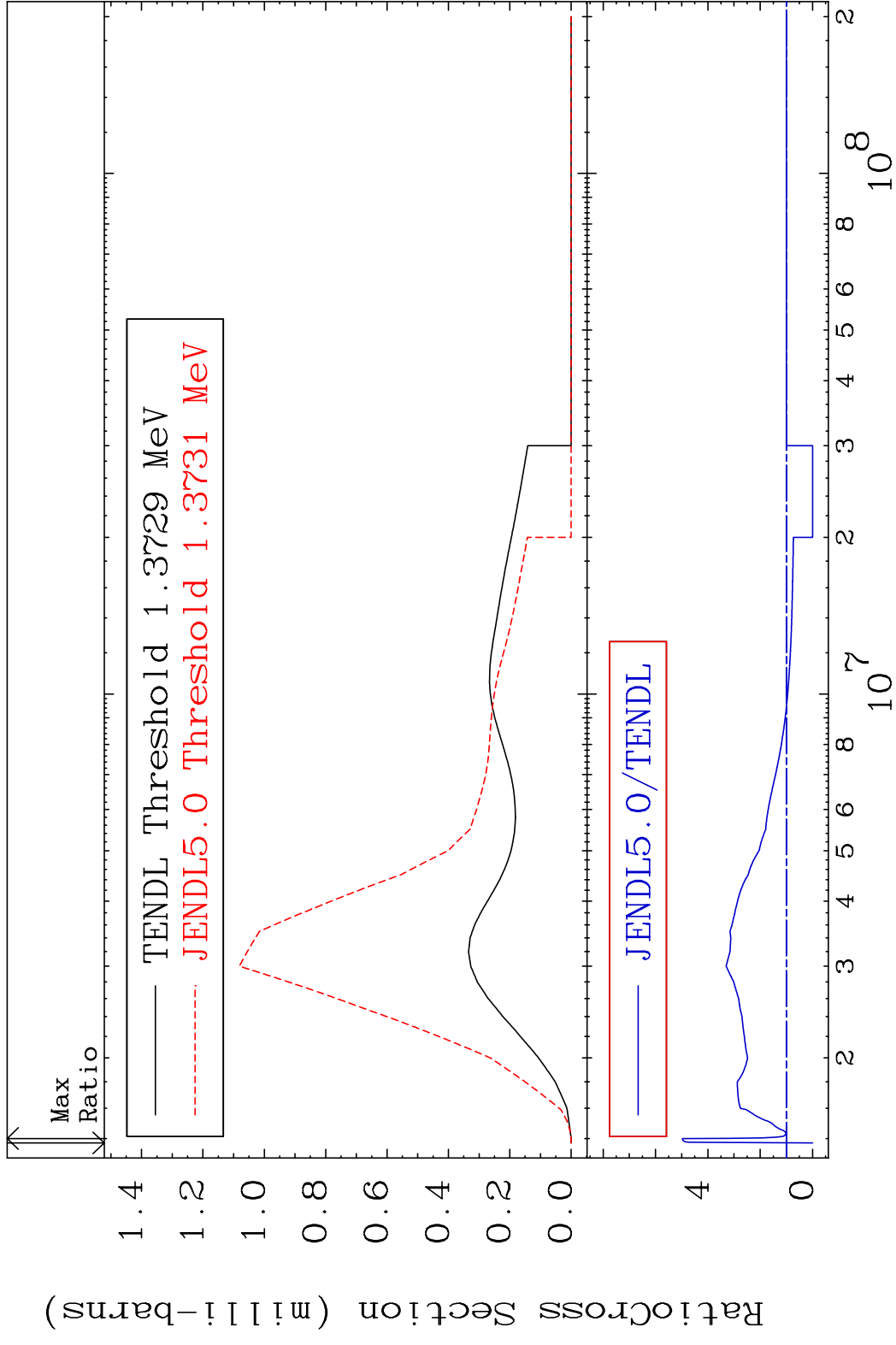
MAT 7919 MT= 76 (n, n') Level 79-Au-195
 Cross Section -100.0 To 646.6 %



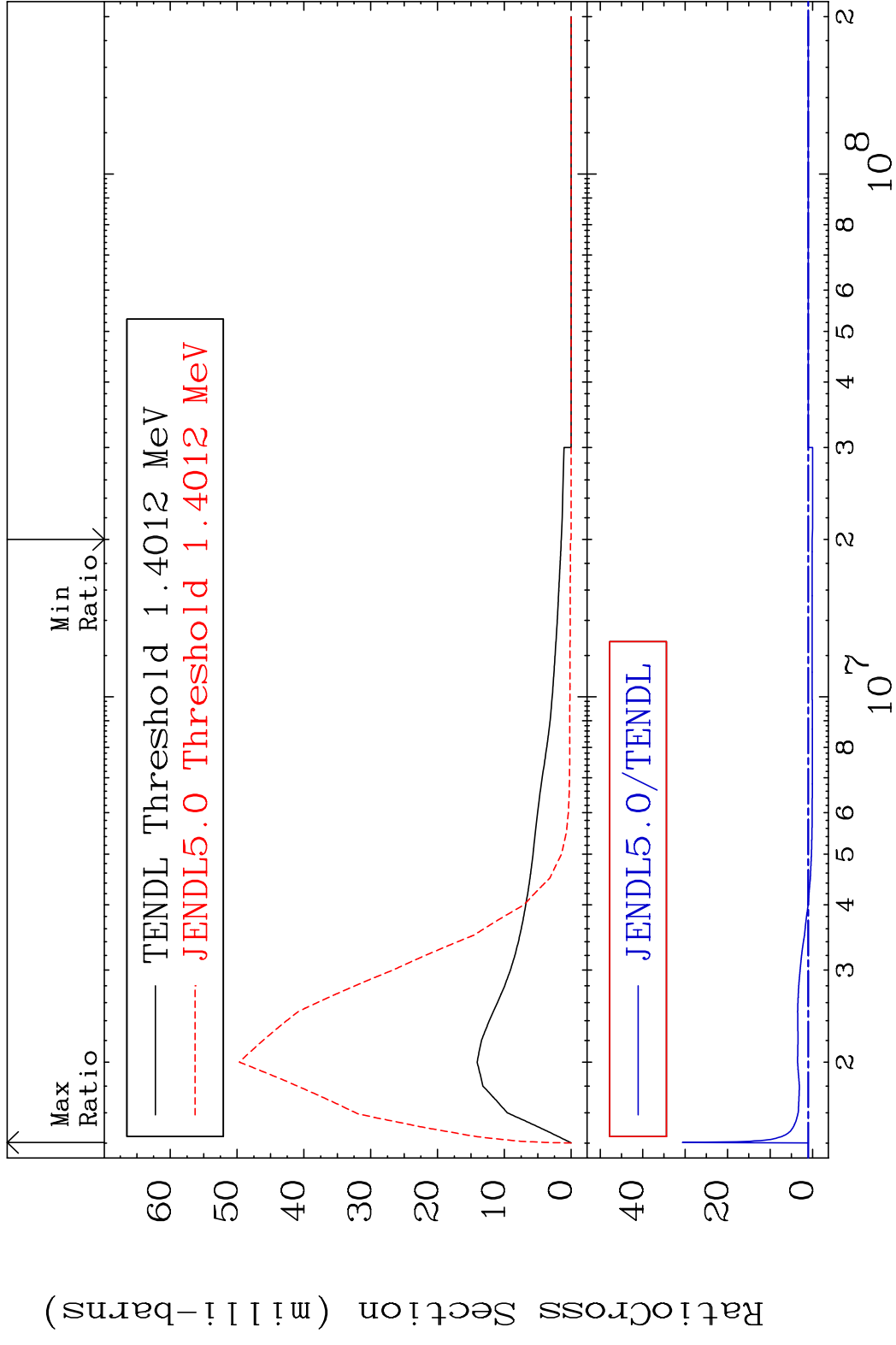
MAT 7919 MT= 77 (n, n') Level 79-Au-195
 Cross Section -100.0 To 508.0 %



MAT 7919 MT= 78 (n,n') Level 79-Au-195
 Cross Section -100.0 To 397.5 %

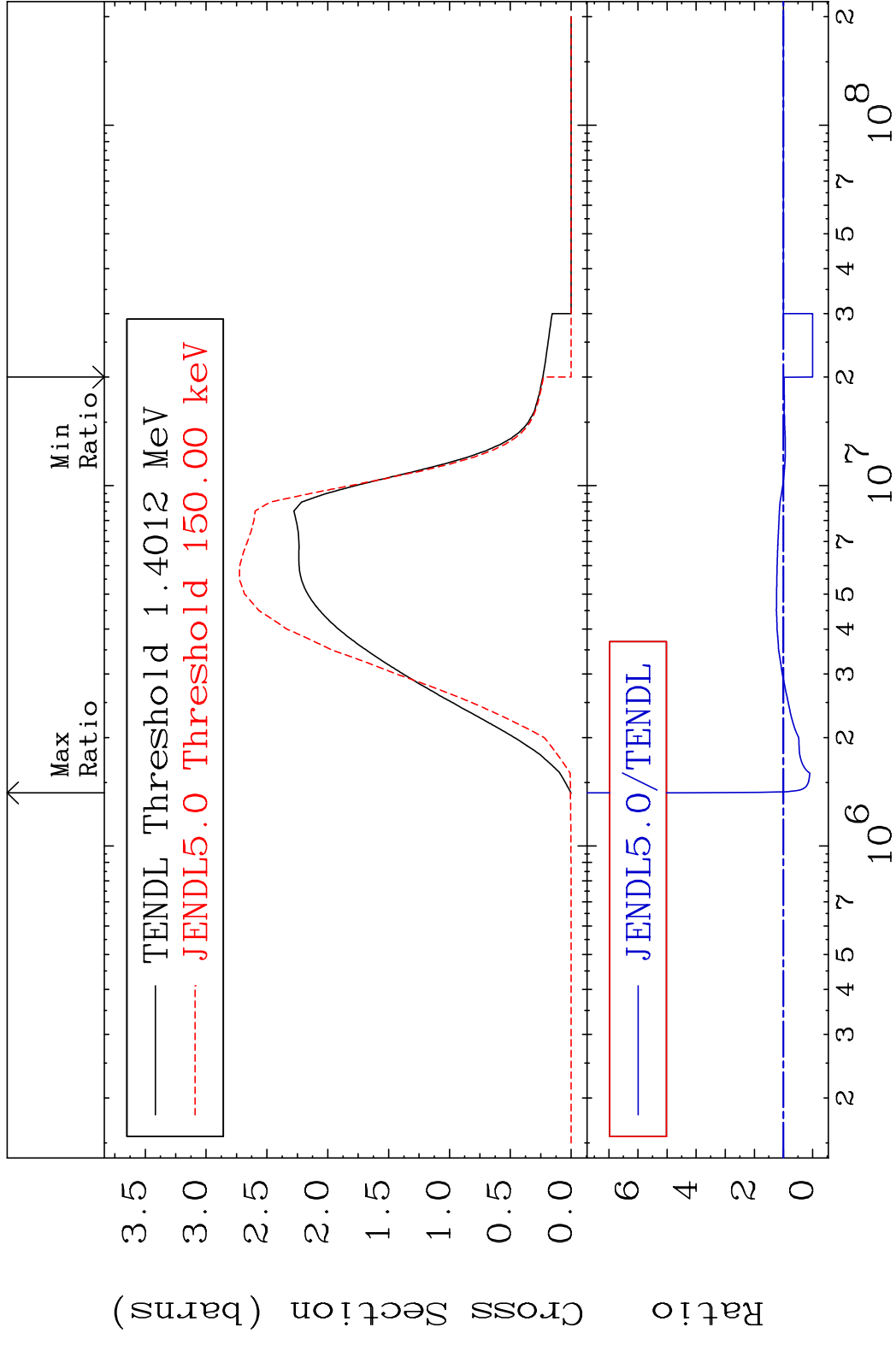


MAT 7919 MT= 79 (n, n') Level 79-Au-195
 Cross Section -100.0 To 2966. %



40 Incident Energy (eV) 79-Au-195

MAT 7919 (n,n') Continuum 79-Au-195
 Cross Section -100.0 To 347.4 %

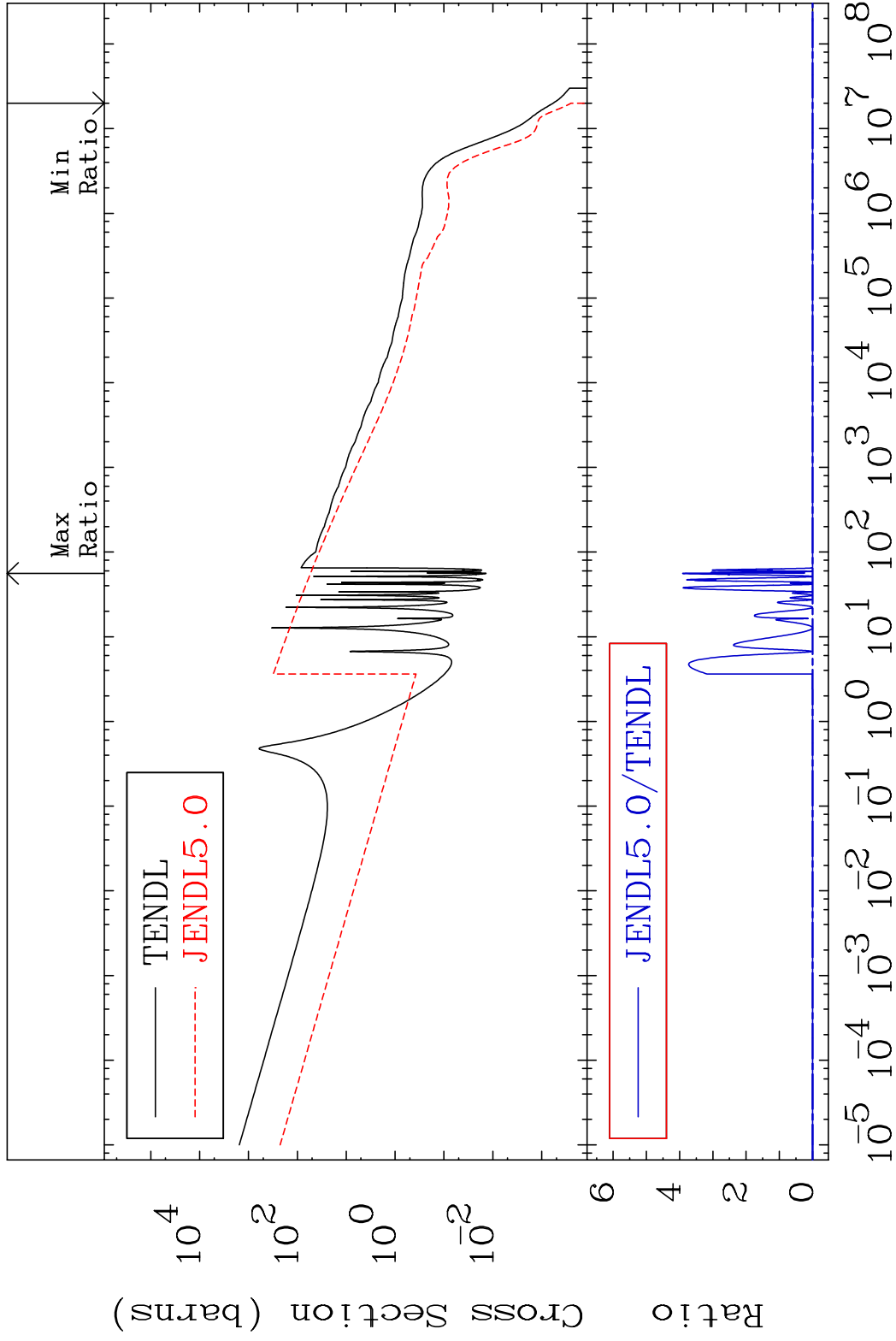


MAT 7919

(n, γ)

79-Au-195

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

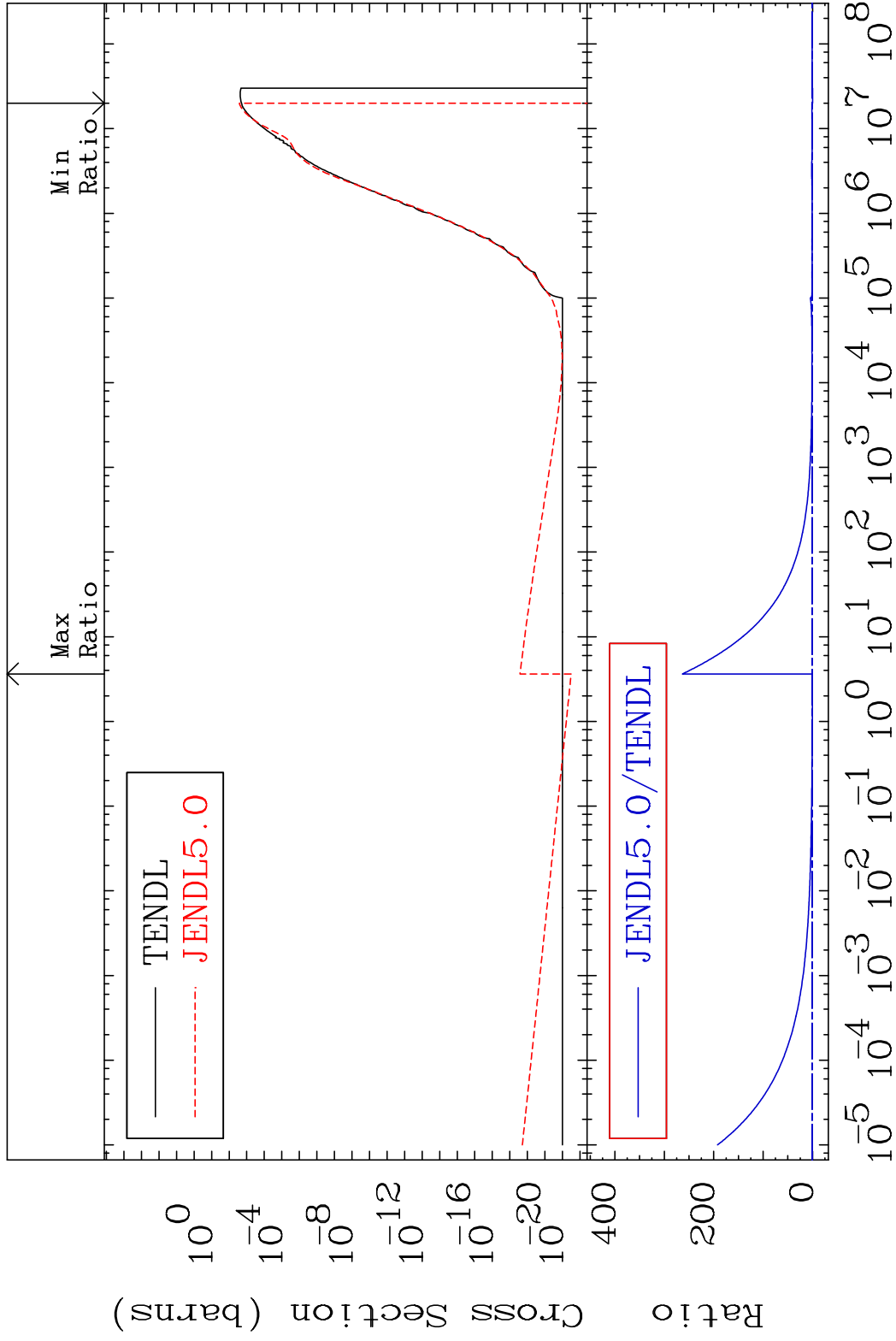
79-Au-195

MAT 7919

(n, p)

79-Au-195

Cross Section -100.0 To 9999. %

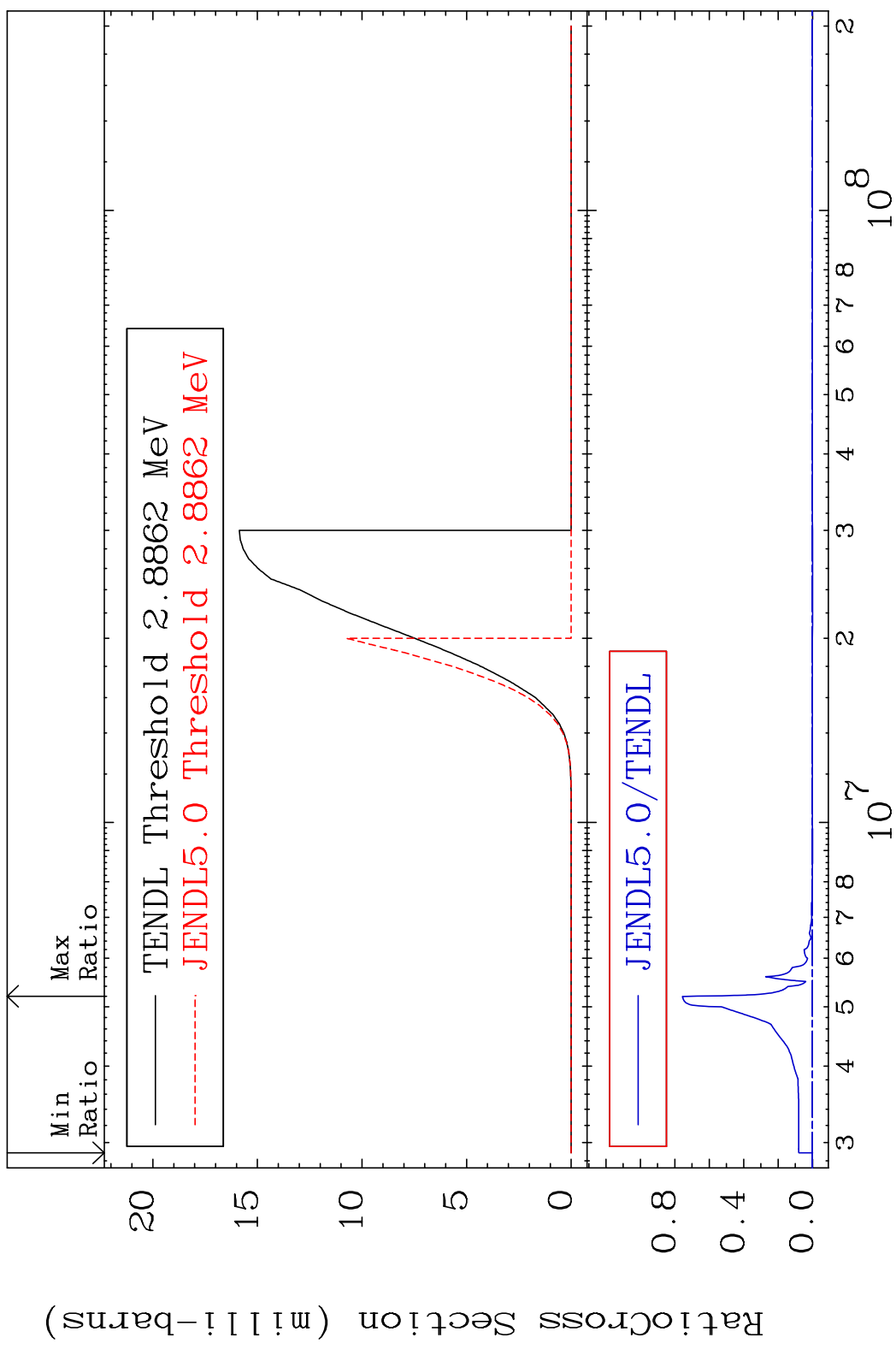


43

Incident Energy (eV)

79-Au-195

Cross Section -100.0 To 9999. %

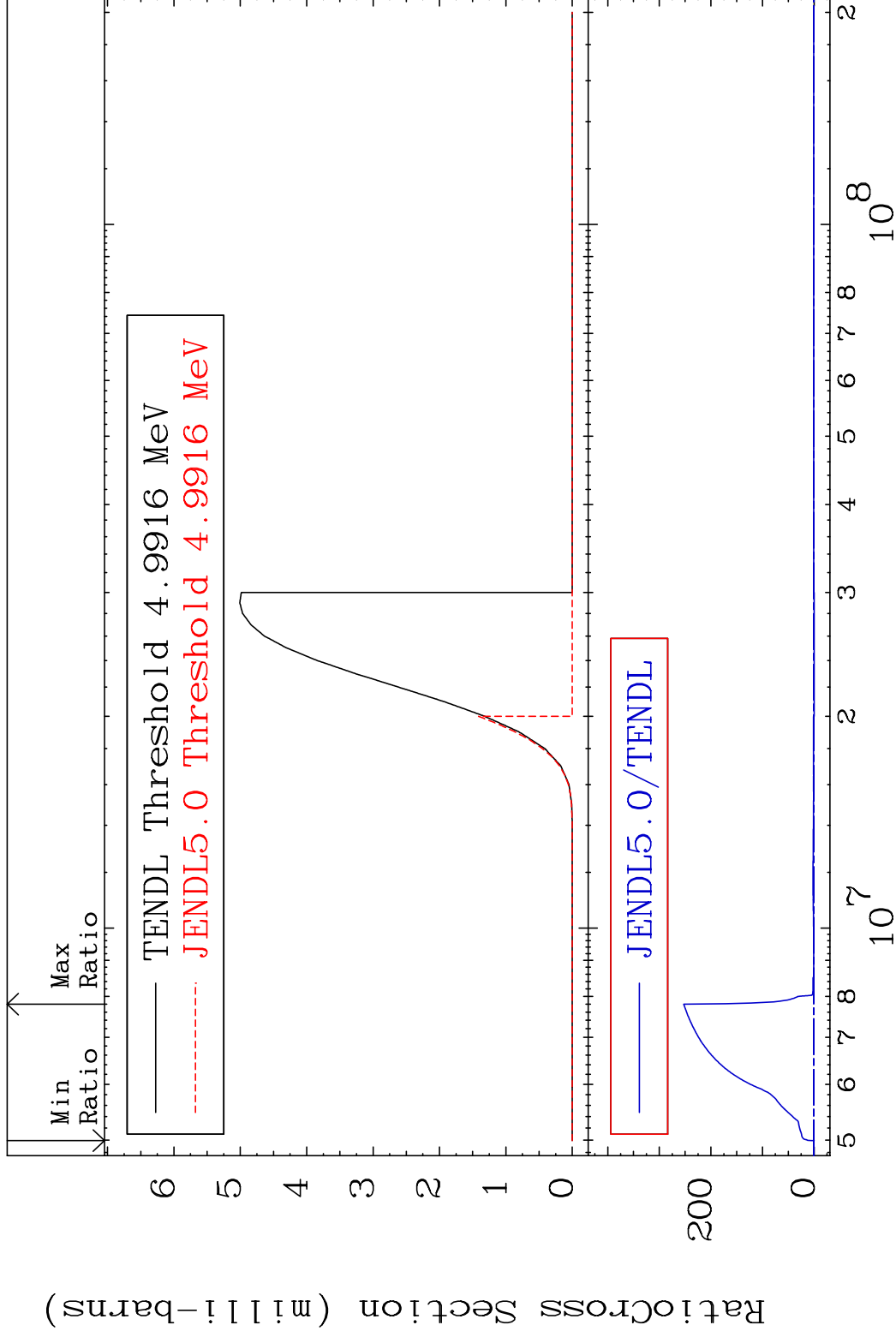


MAT 7919

(n, t)

79-Au-195

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

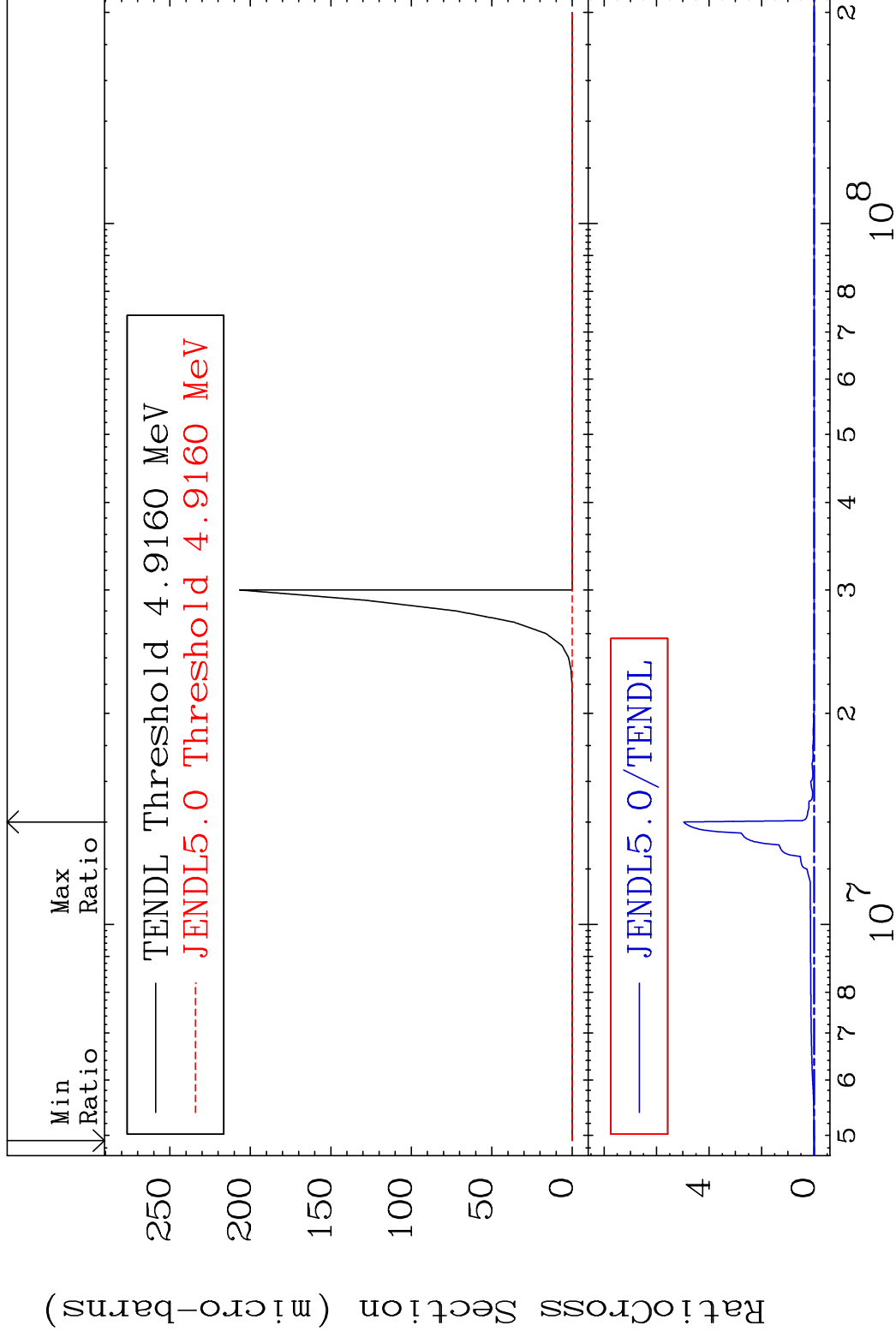
79-Au-195

MAT 7919

(n, He-3)

79-Au-195

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

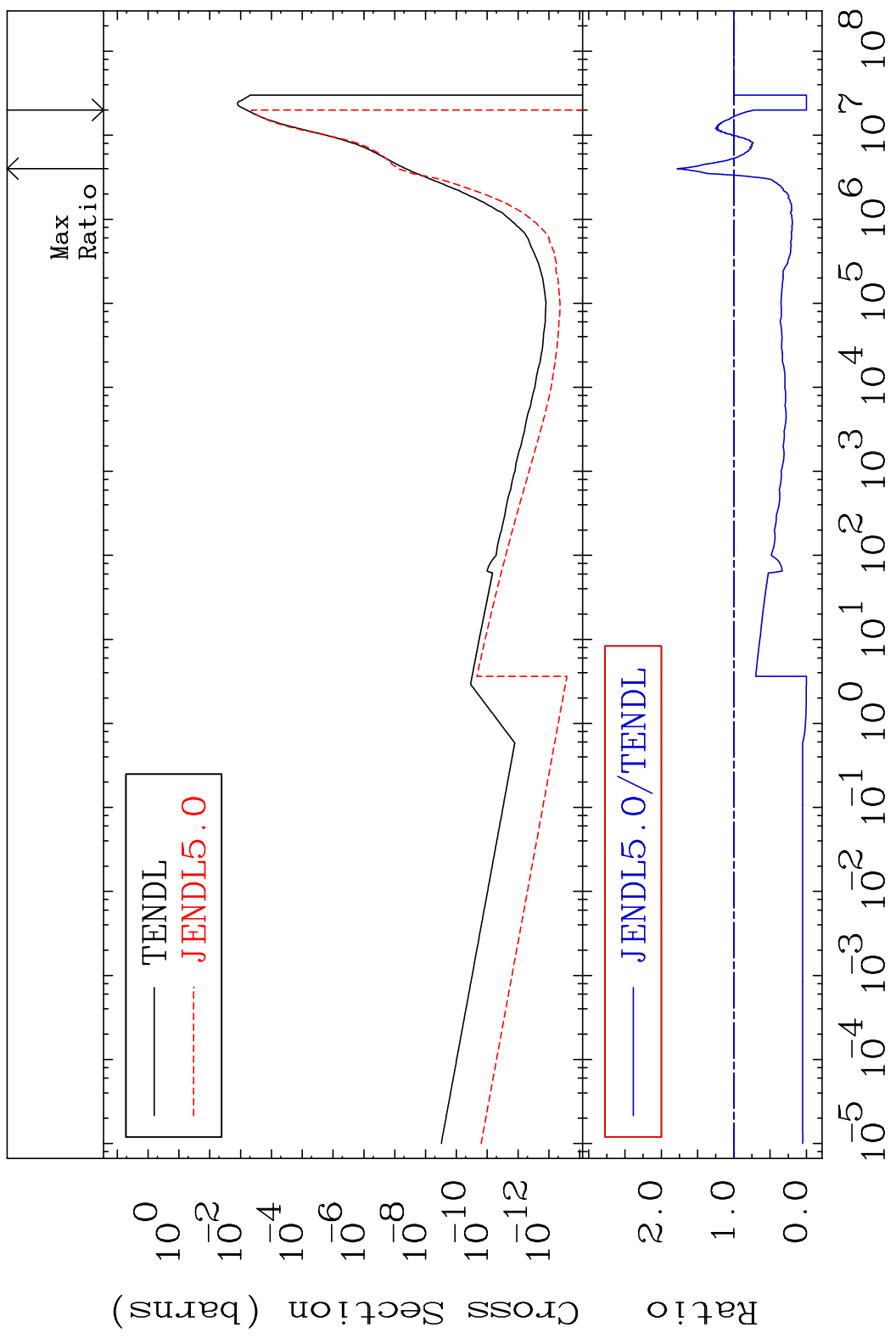
79-Au-195

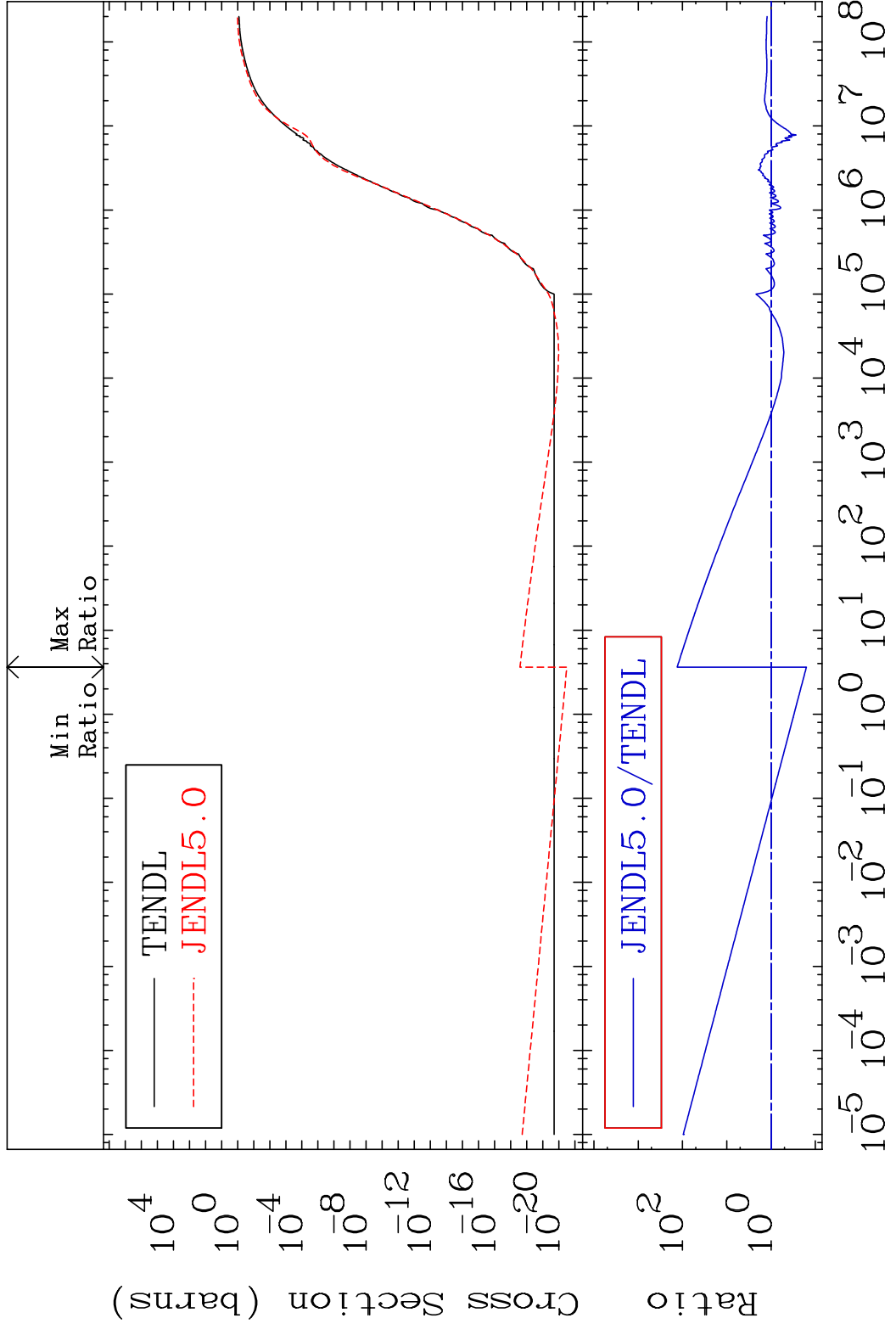
MAT 7919

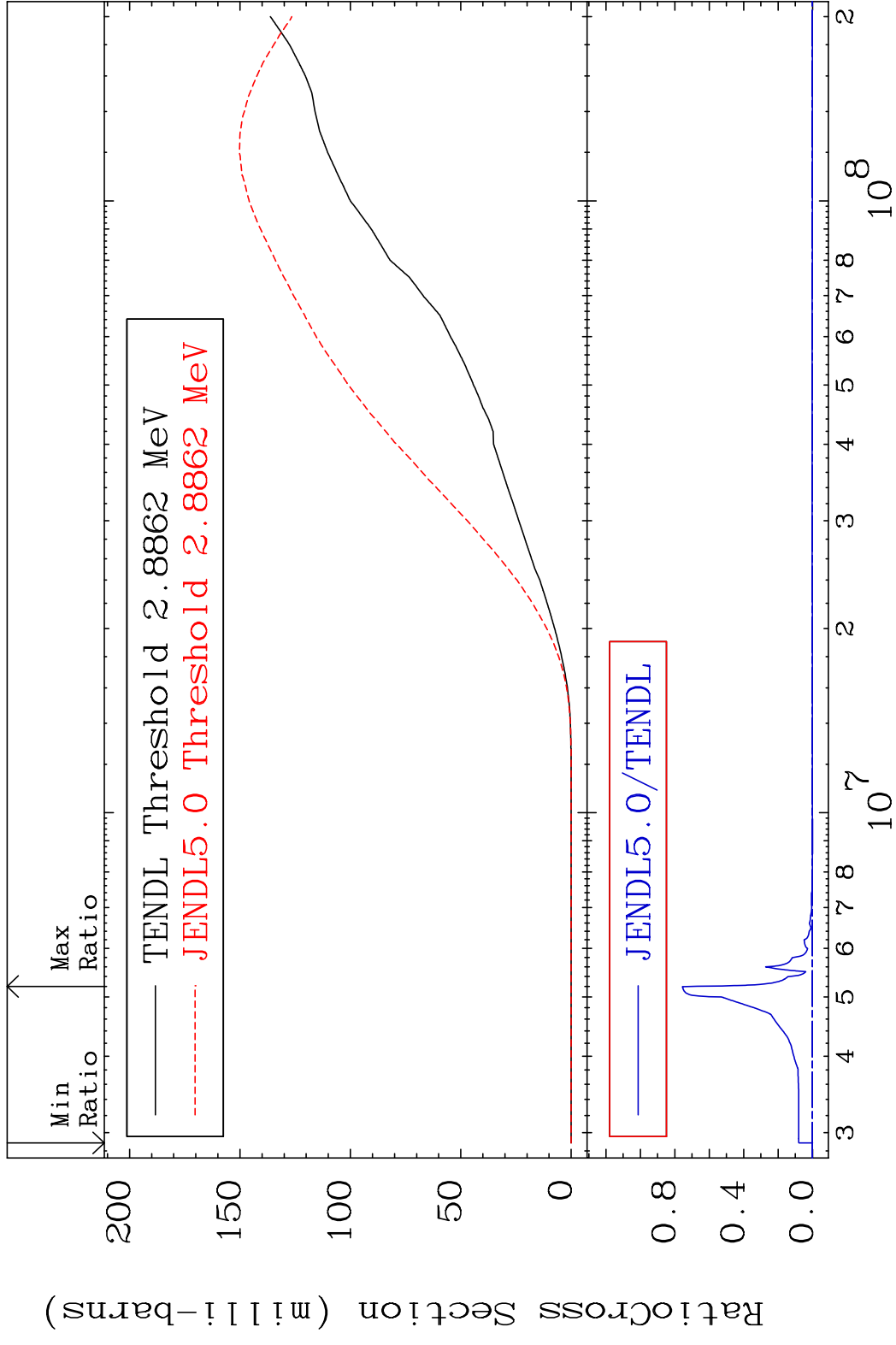
(n, α)

79-Au-195

Cross Section -100.0 To 78.09 %

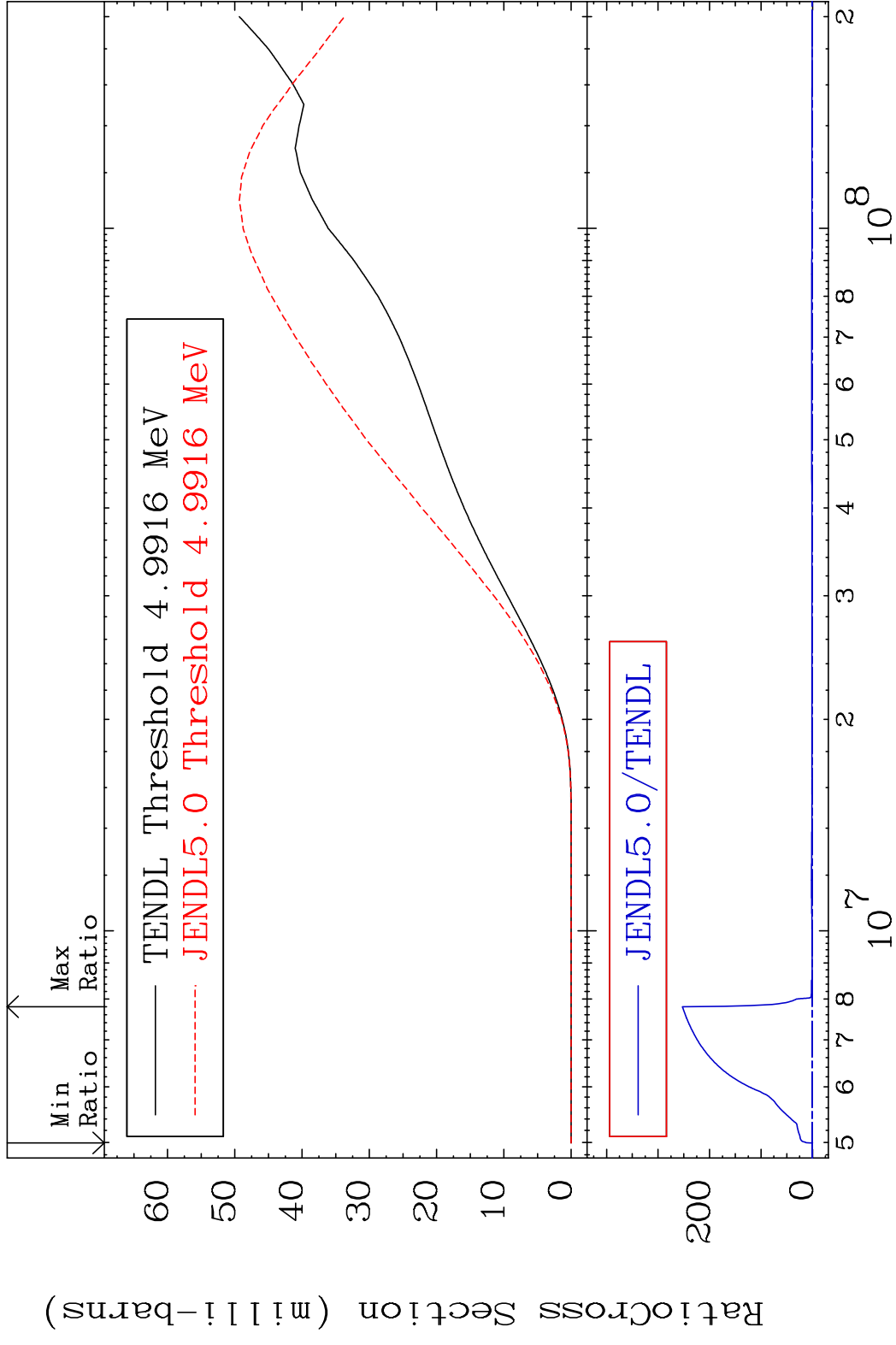






MAT 7919

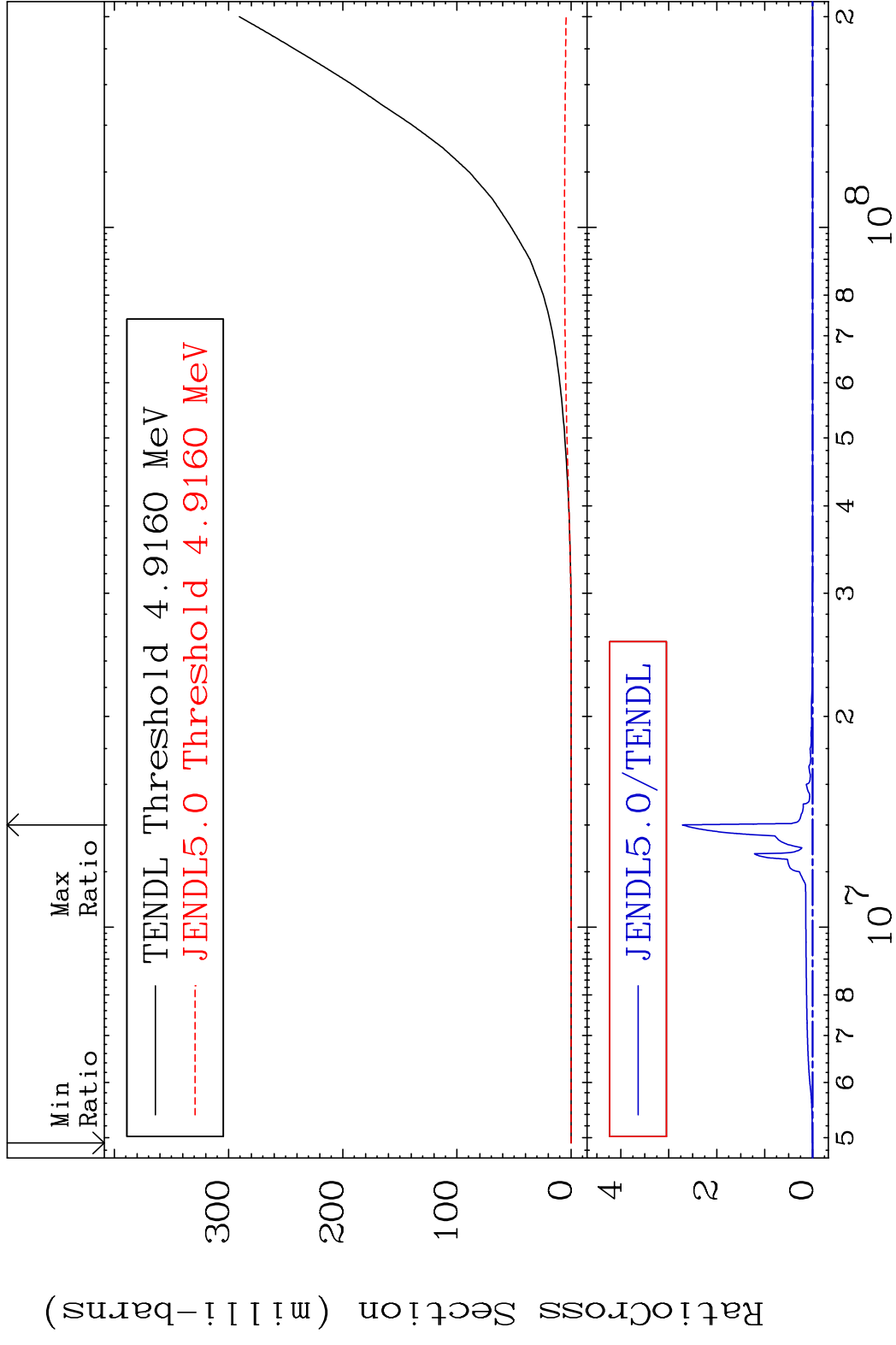
Tritium Production
Cross Section -100.0 To 9999. %
79-Au-195



50

Incident Energy (eV)

79-Au-195

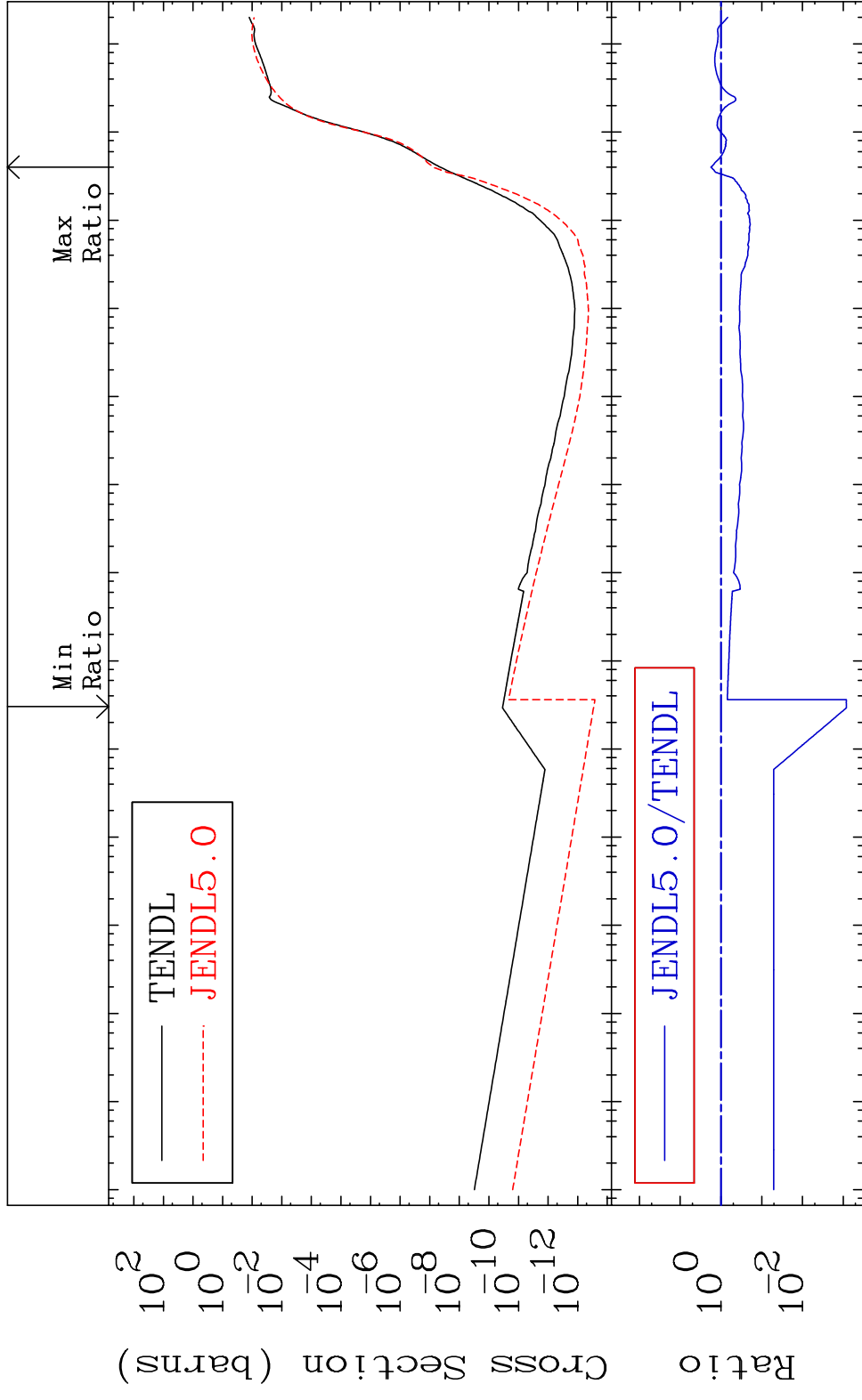


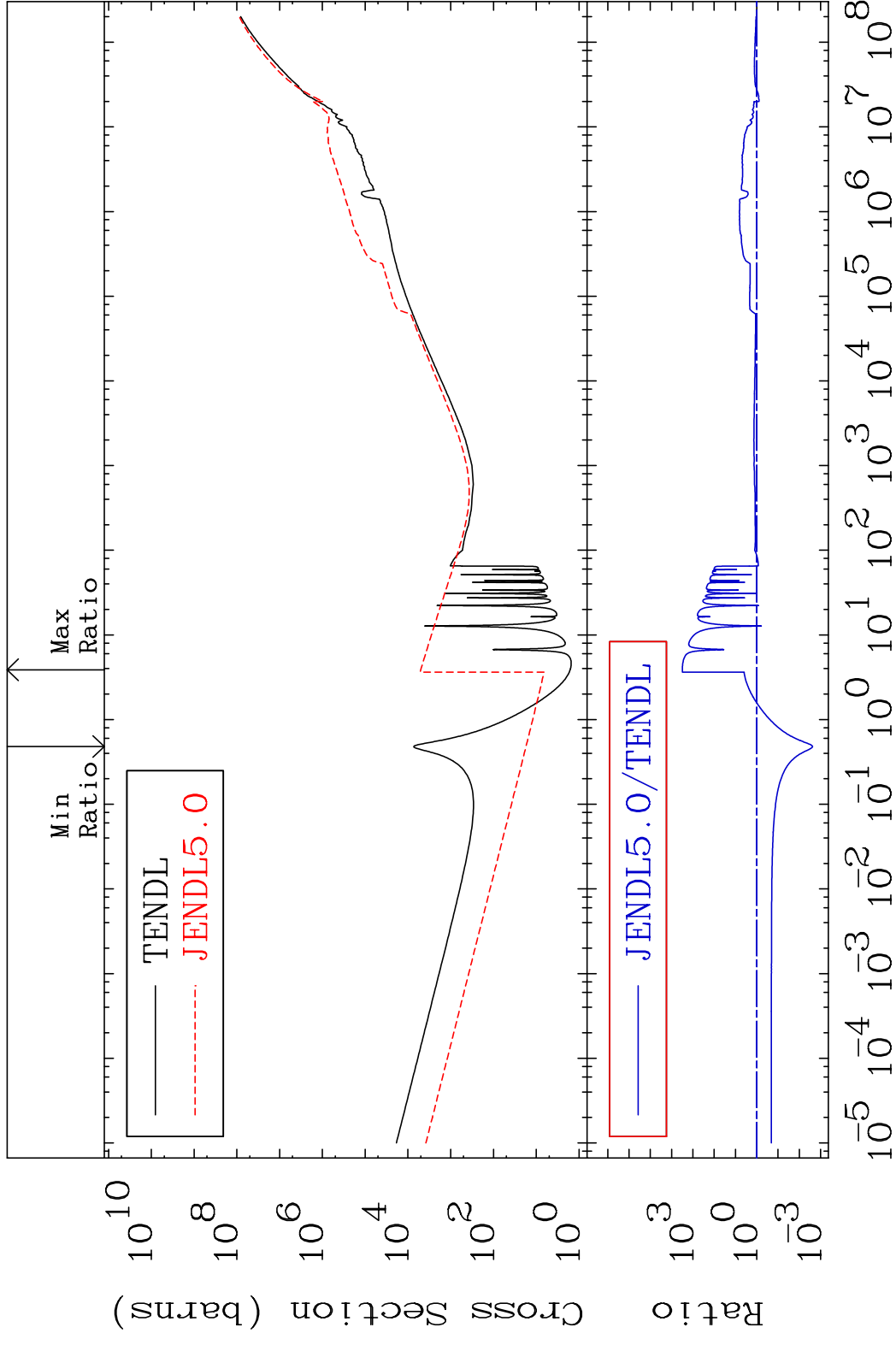
MAT 7919

He-4 Production

79-Au-195

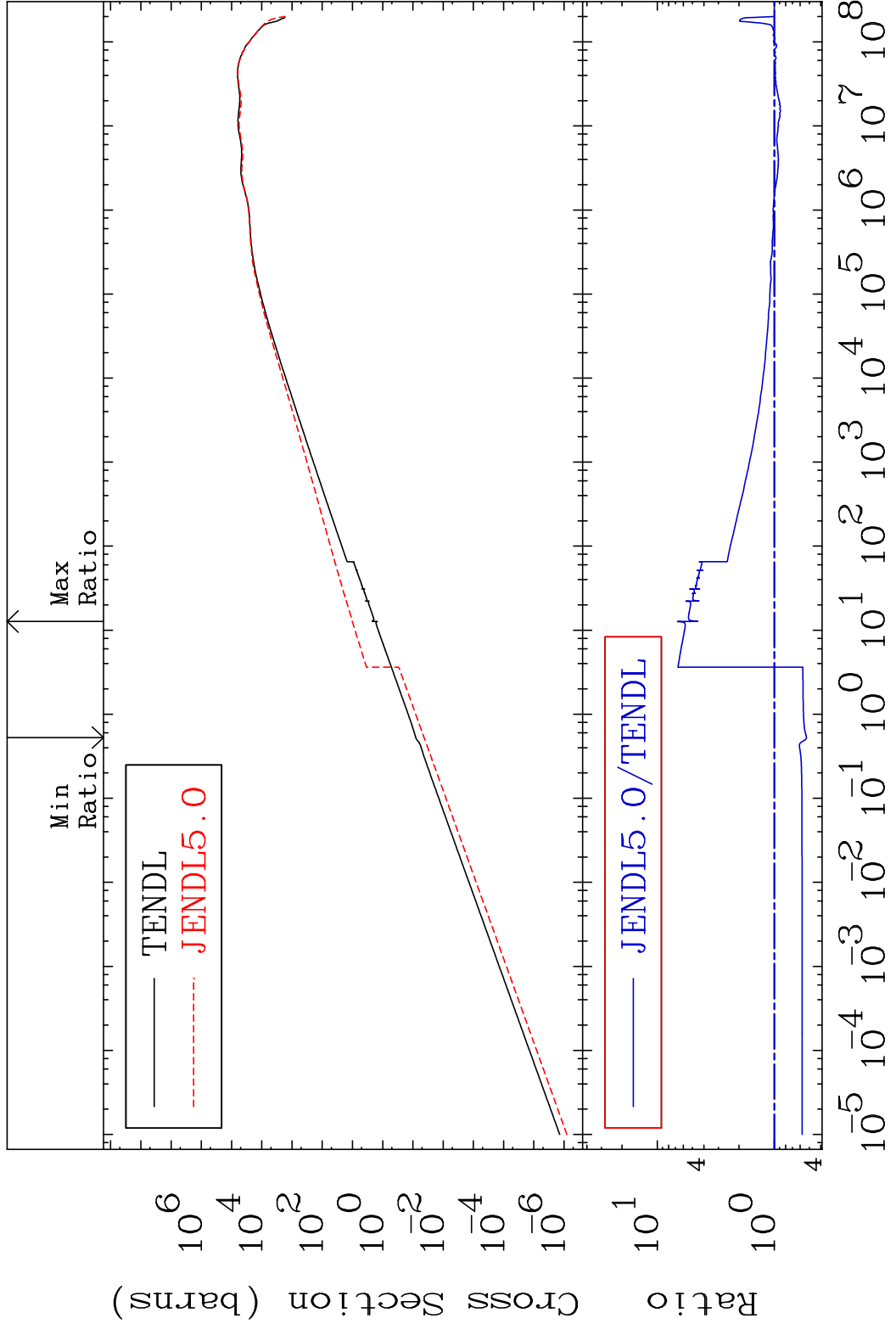
Cross Section -99.92 To 78.09 %



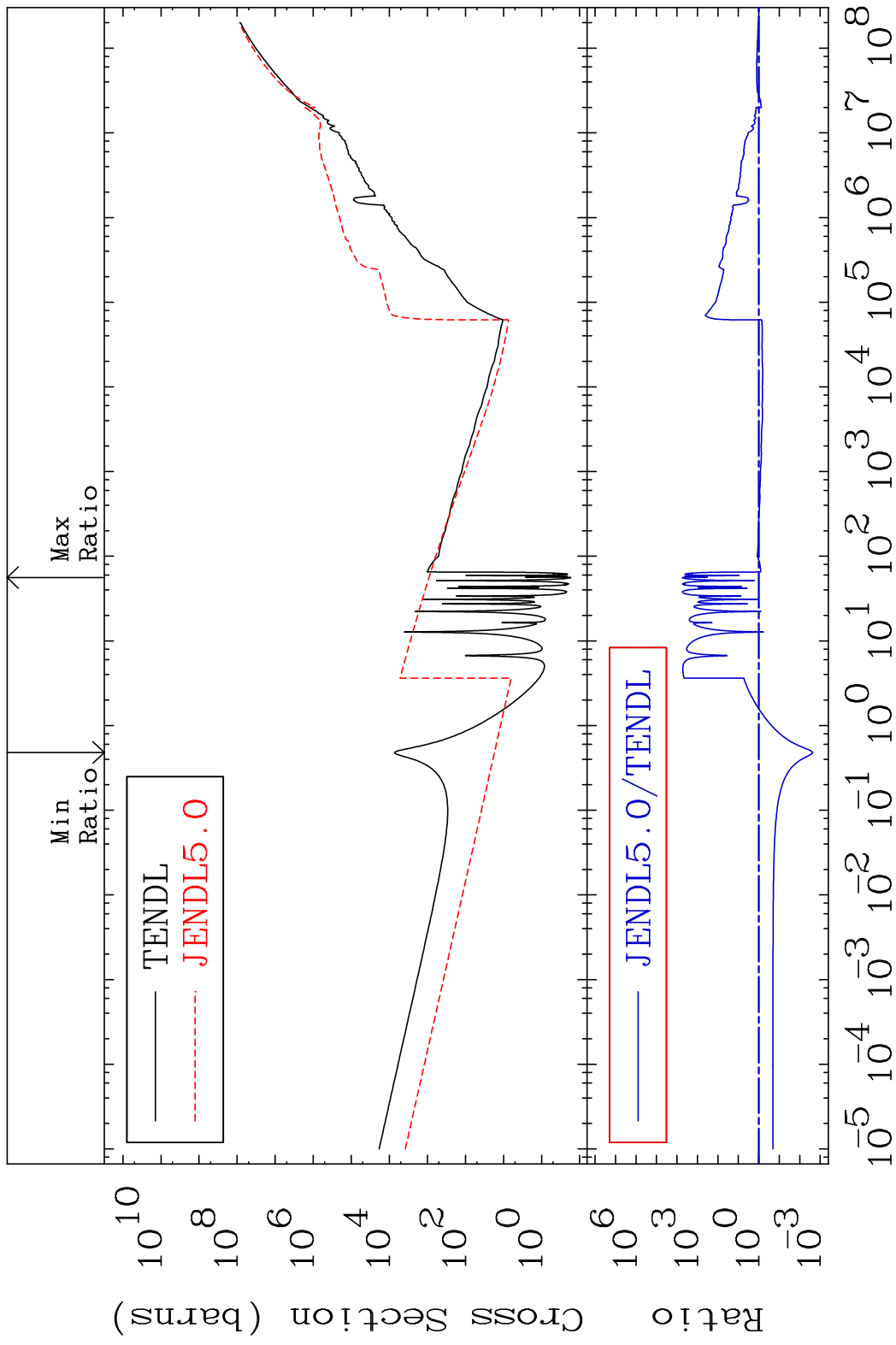


MAT 7919

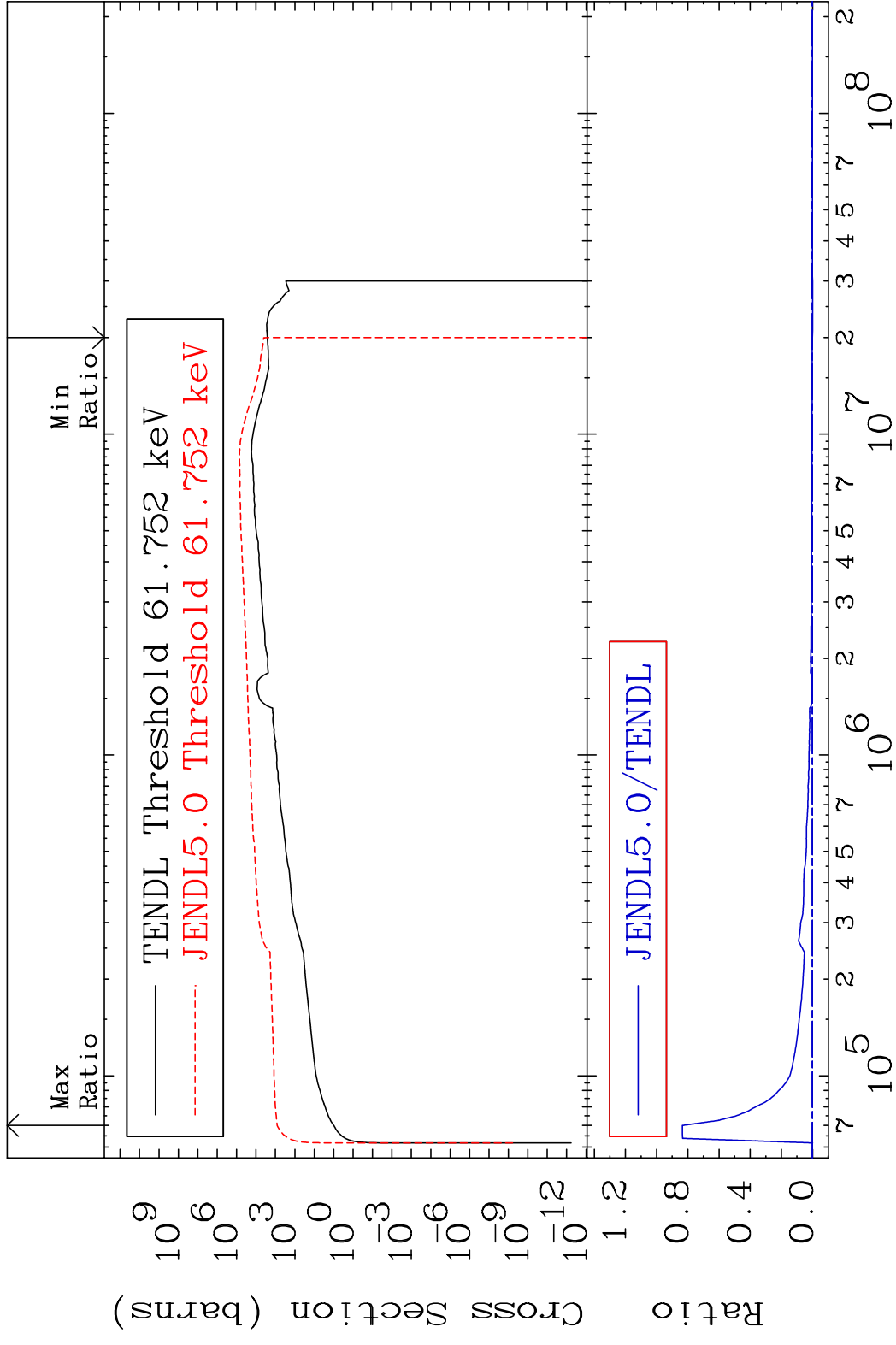
Kerma elastic Cross Section -46.89 To 575.6 %
79-Au-195



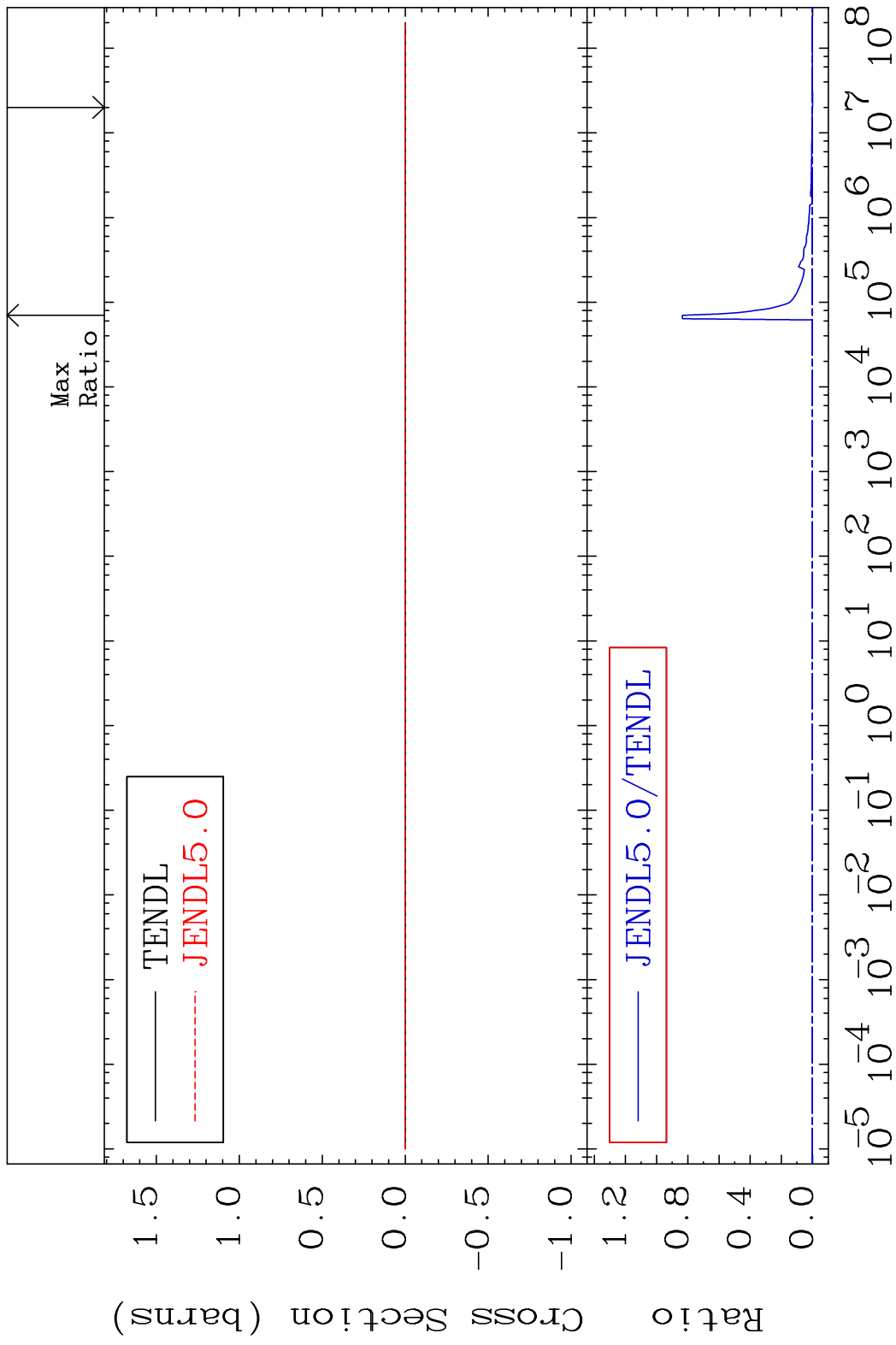
MAT 7919 Kerma non-elastic (all but mt2) 79-Au-195
 Cross Section -99.76 To 9999. %

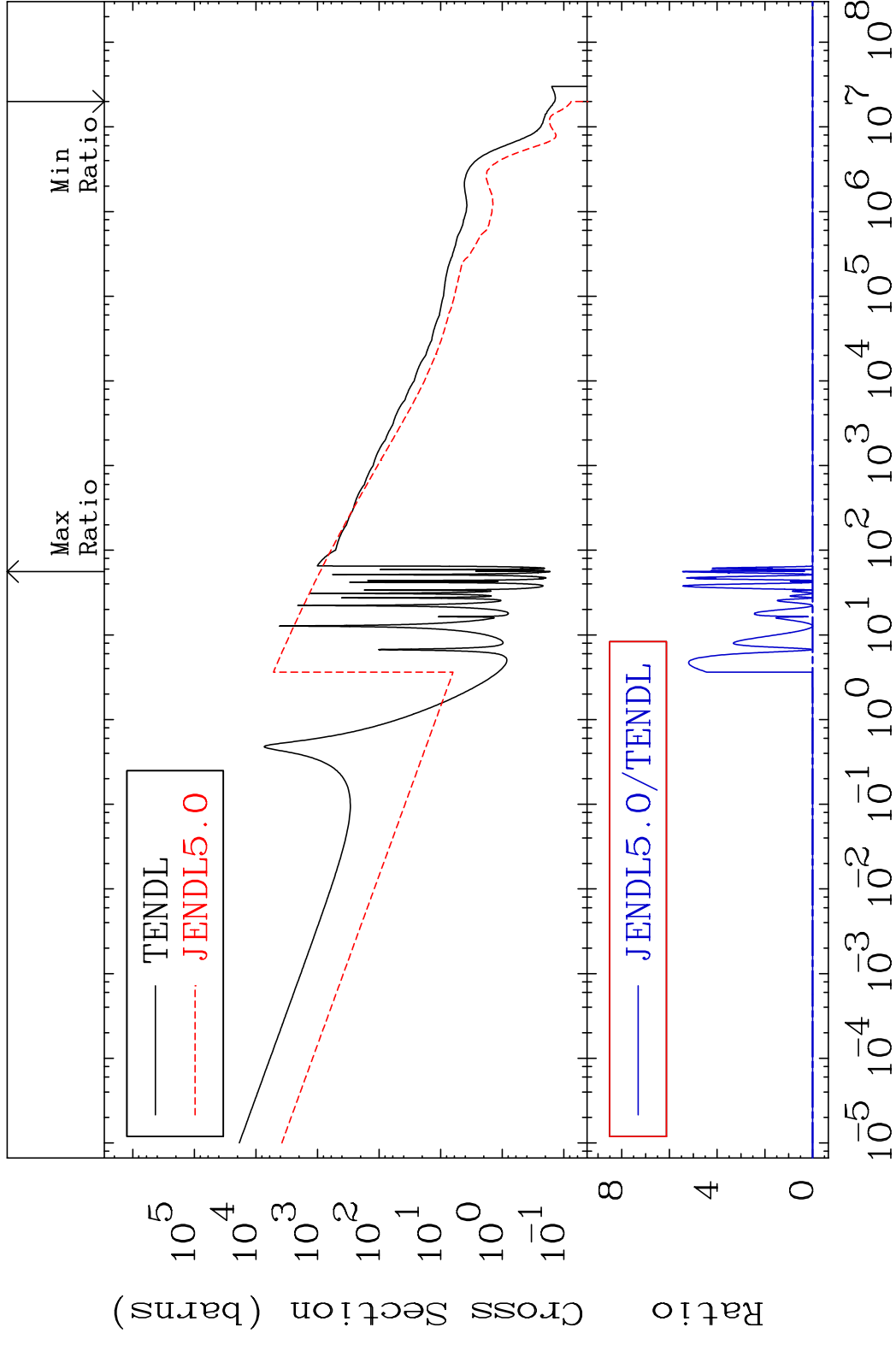


MAT 7919 Kerma inelastic (mt51-91) 79-Au-195
 Cross Section -100.0 To 9999. %



MAT 7919 Kerma fission (mt18 or mt19-20-21-38) 79-Au-195
 Cross Section -100.0 To 9999. %



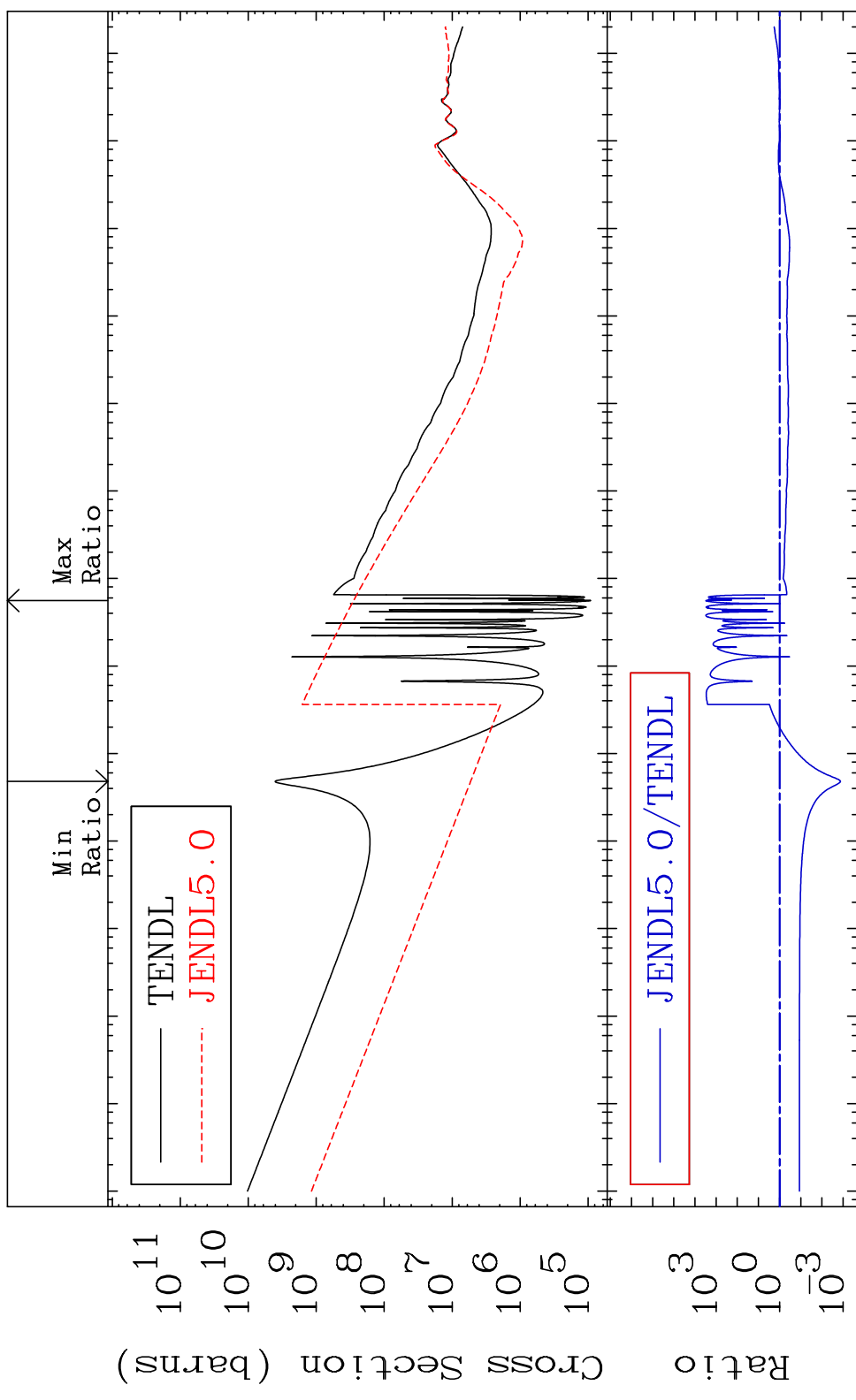


MAT 7919

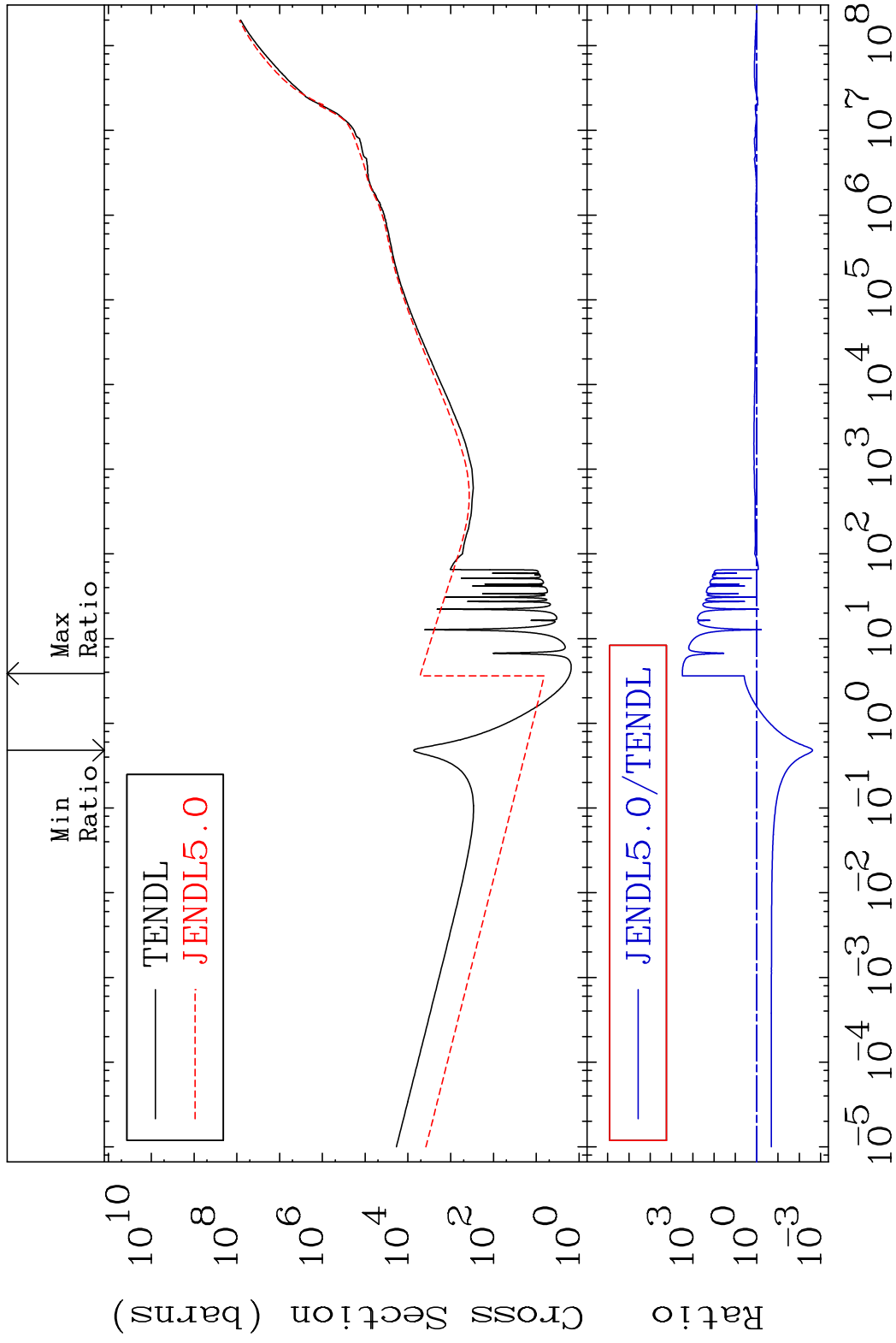
Total photon (eV-barns)

79-Au-195

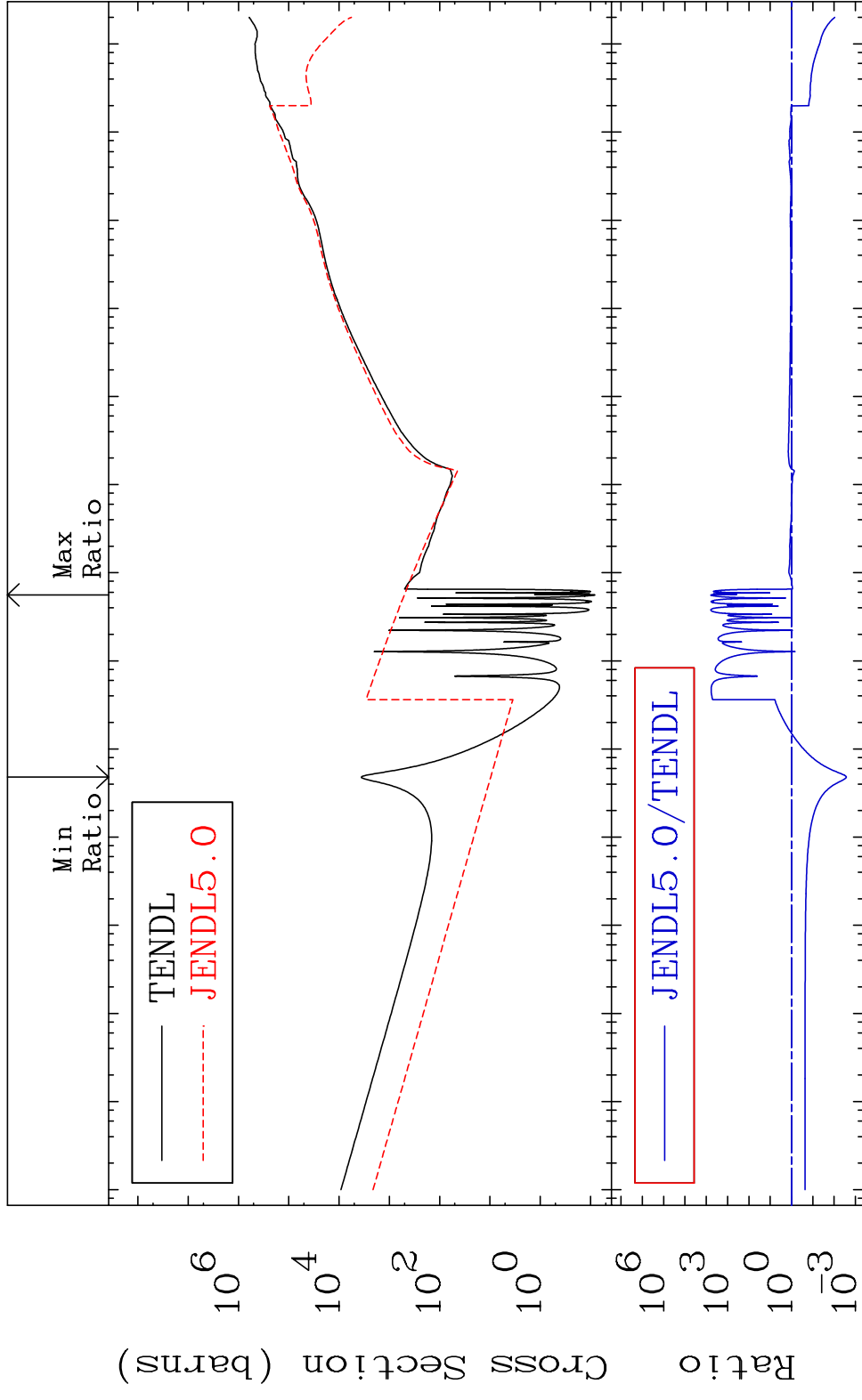
Cross Section -99.87 To 9999. %



MAT 7919 Total kinematic kerma (high limit) 79-Au-195
 Cross Section -99.76 To 9999. %



Cross Section -99.73 To 9999. %

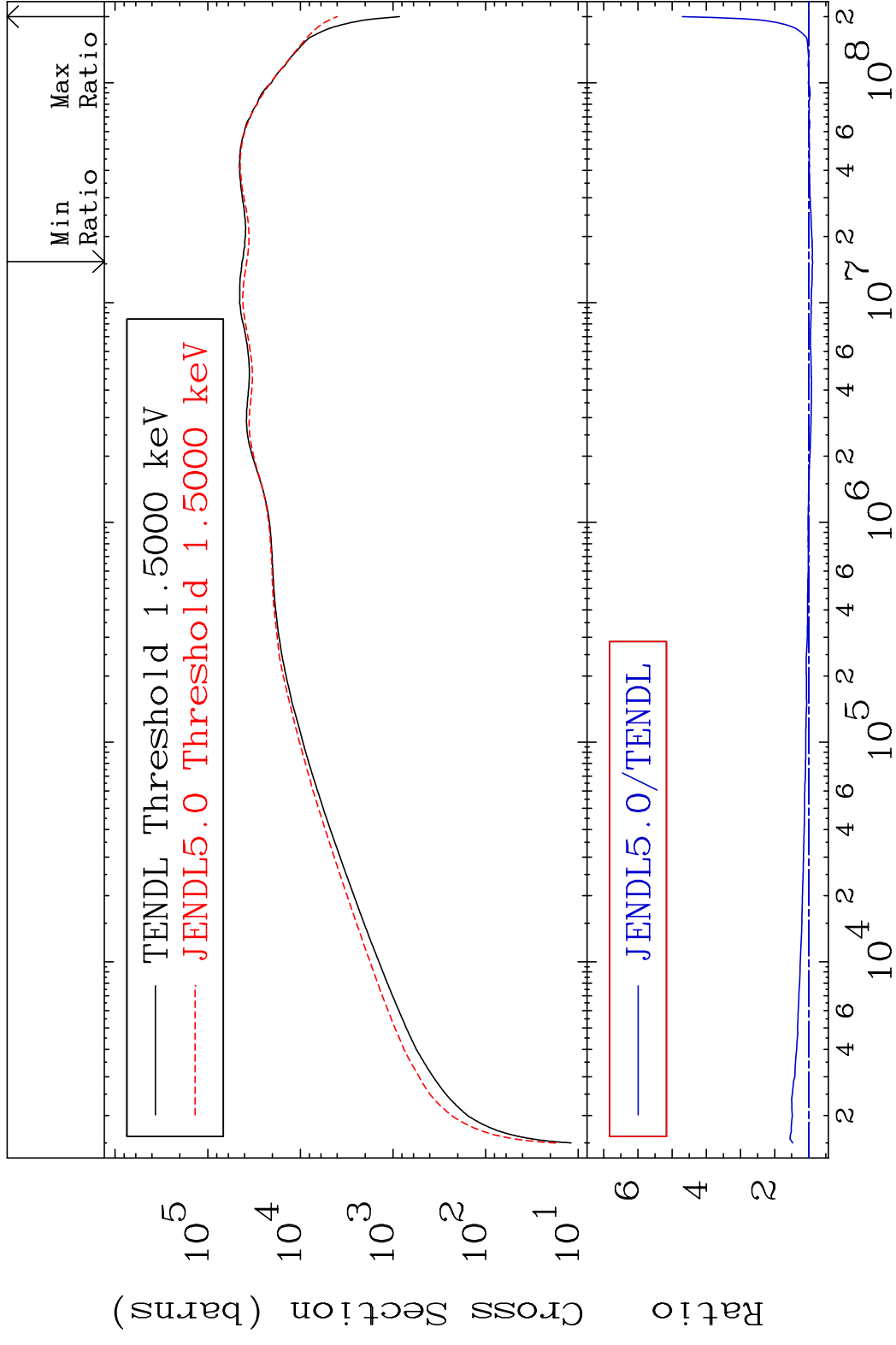


MAT 7919

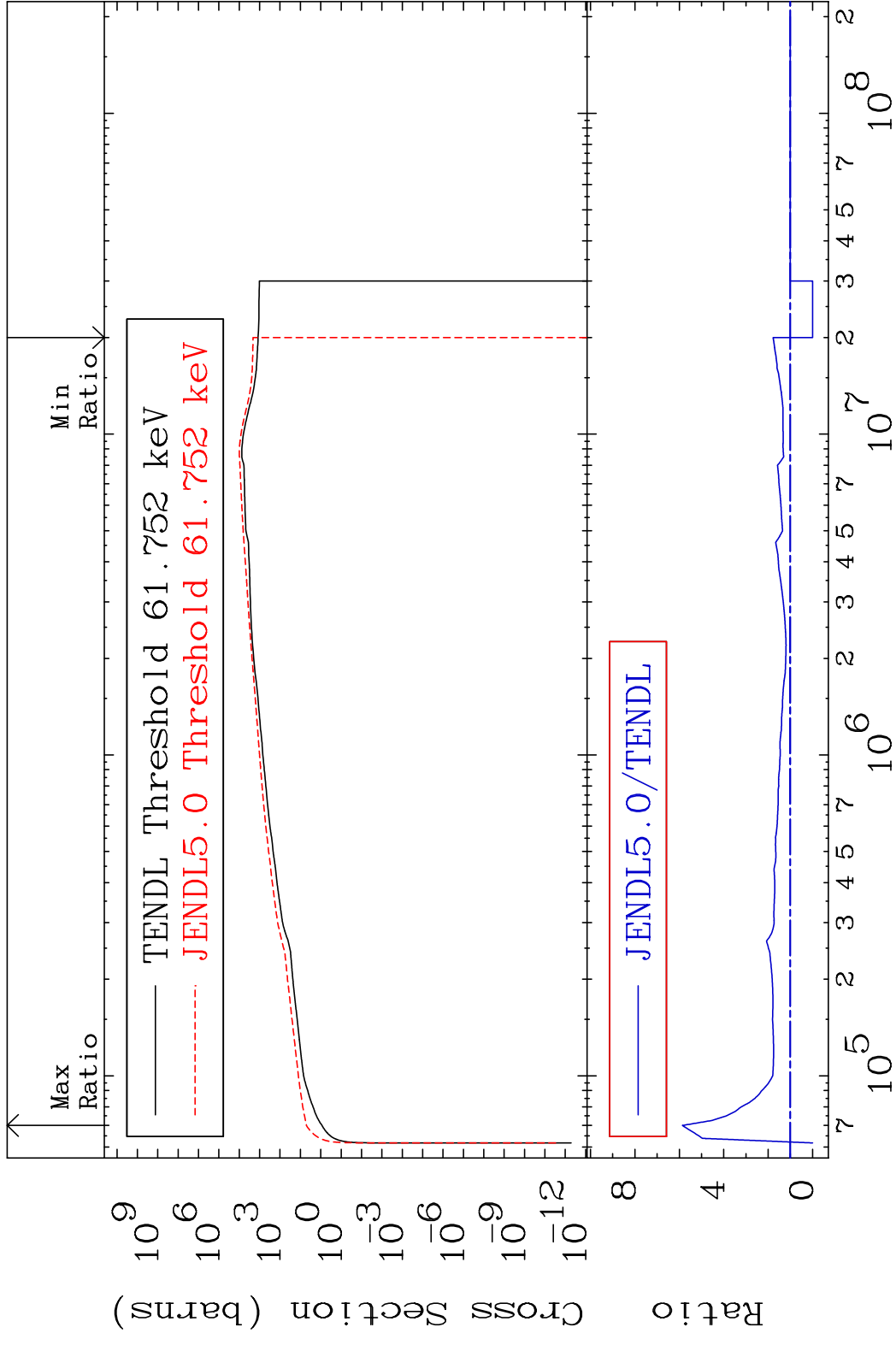
Dpa elastic (mt2)

79-Au-195

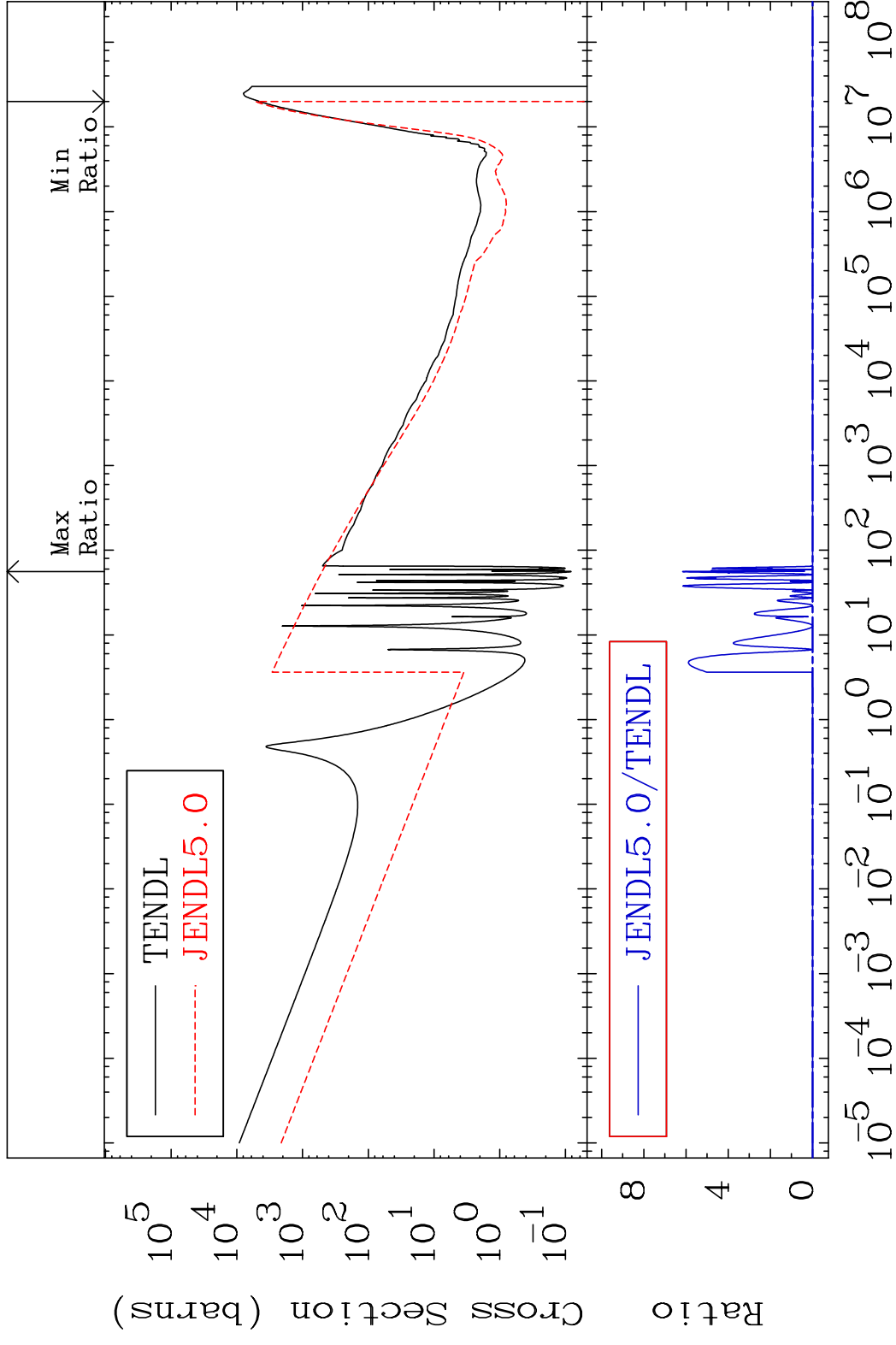
Cross Section -10.92 To 370.1 %

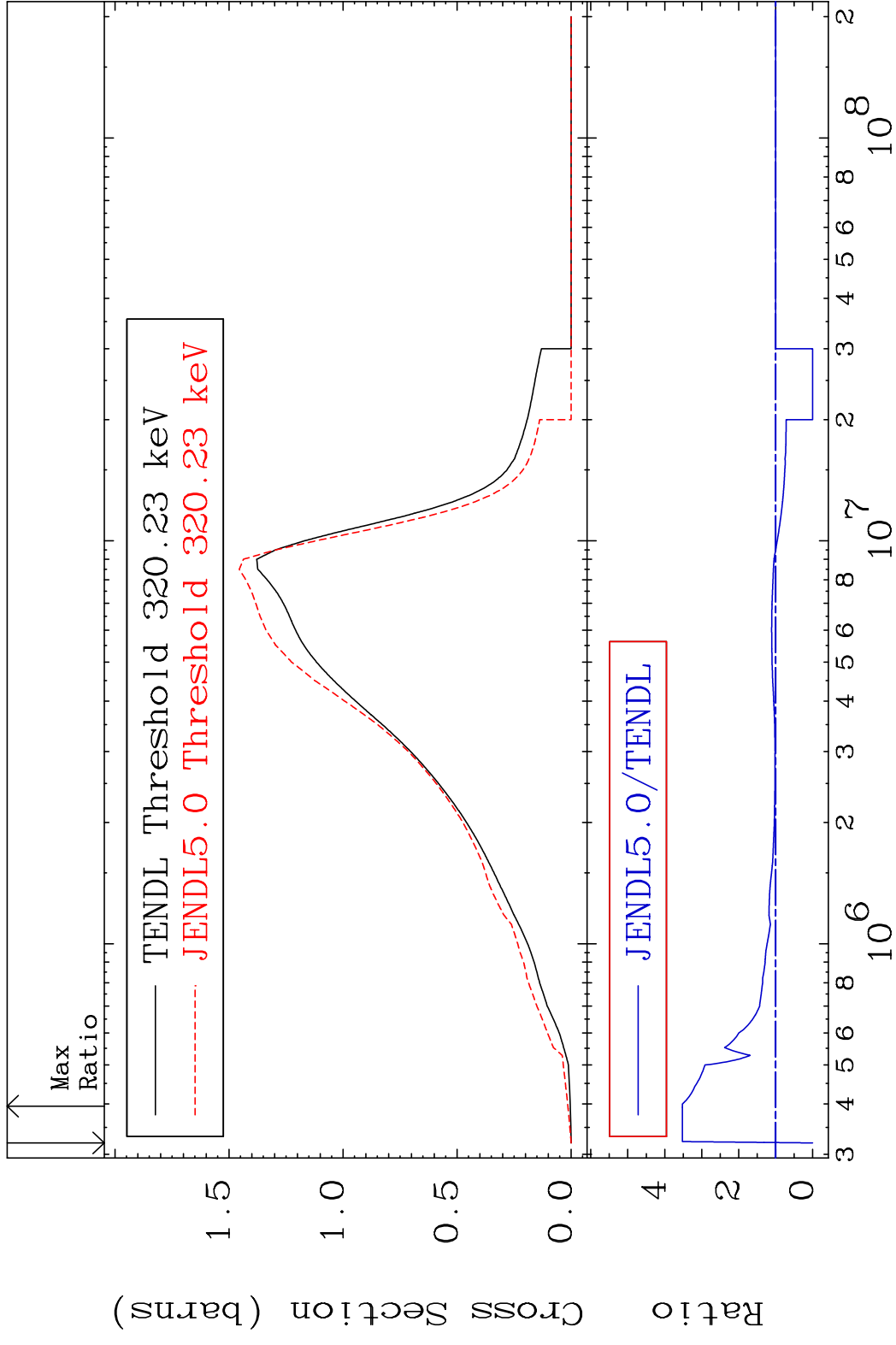


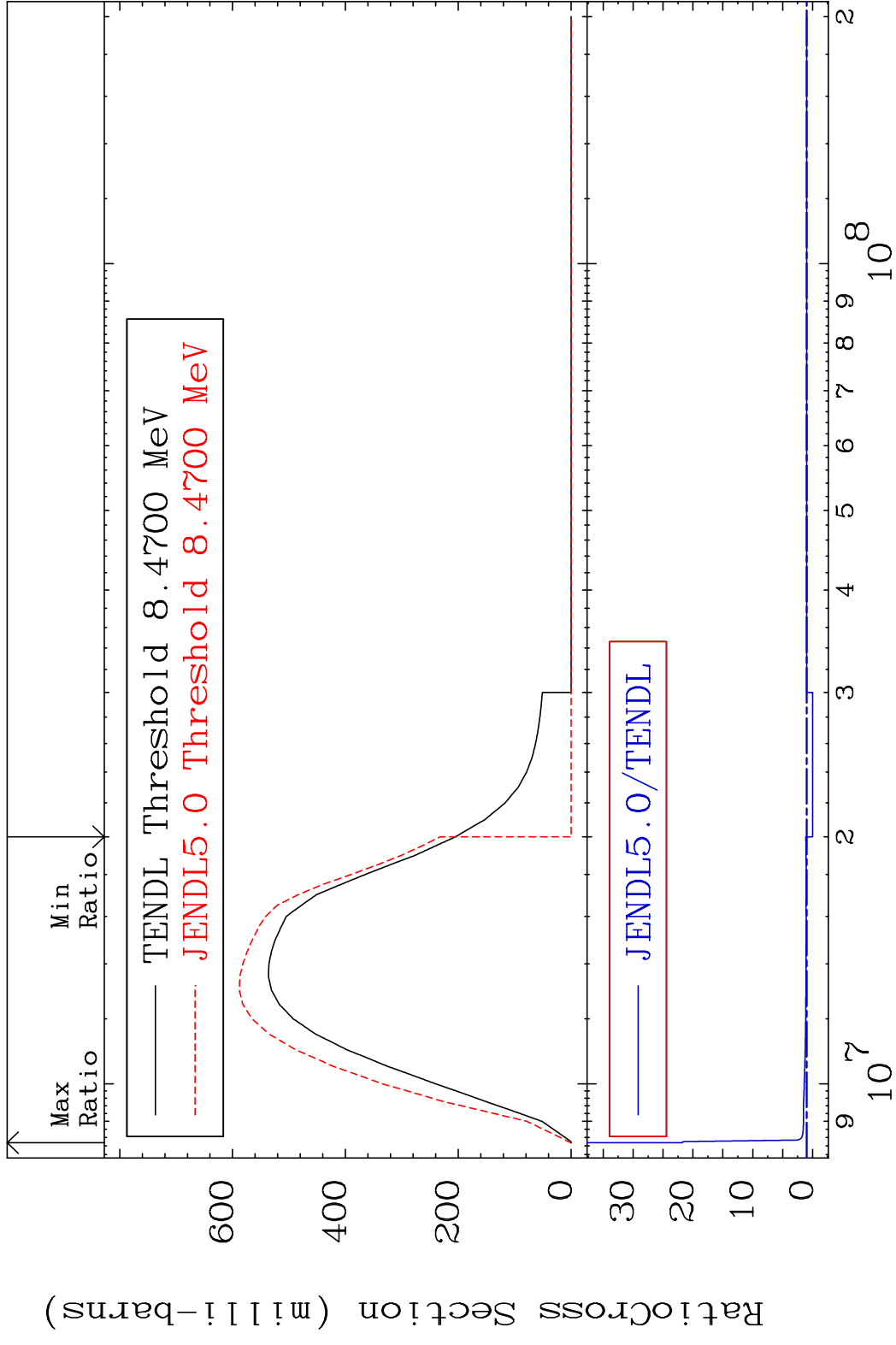
MAT 7919 Dpa inelastic (mt51-91) 79-Au-195
 Cross Section -100.0 To 486.3 %

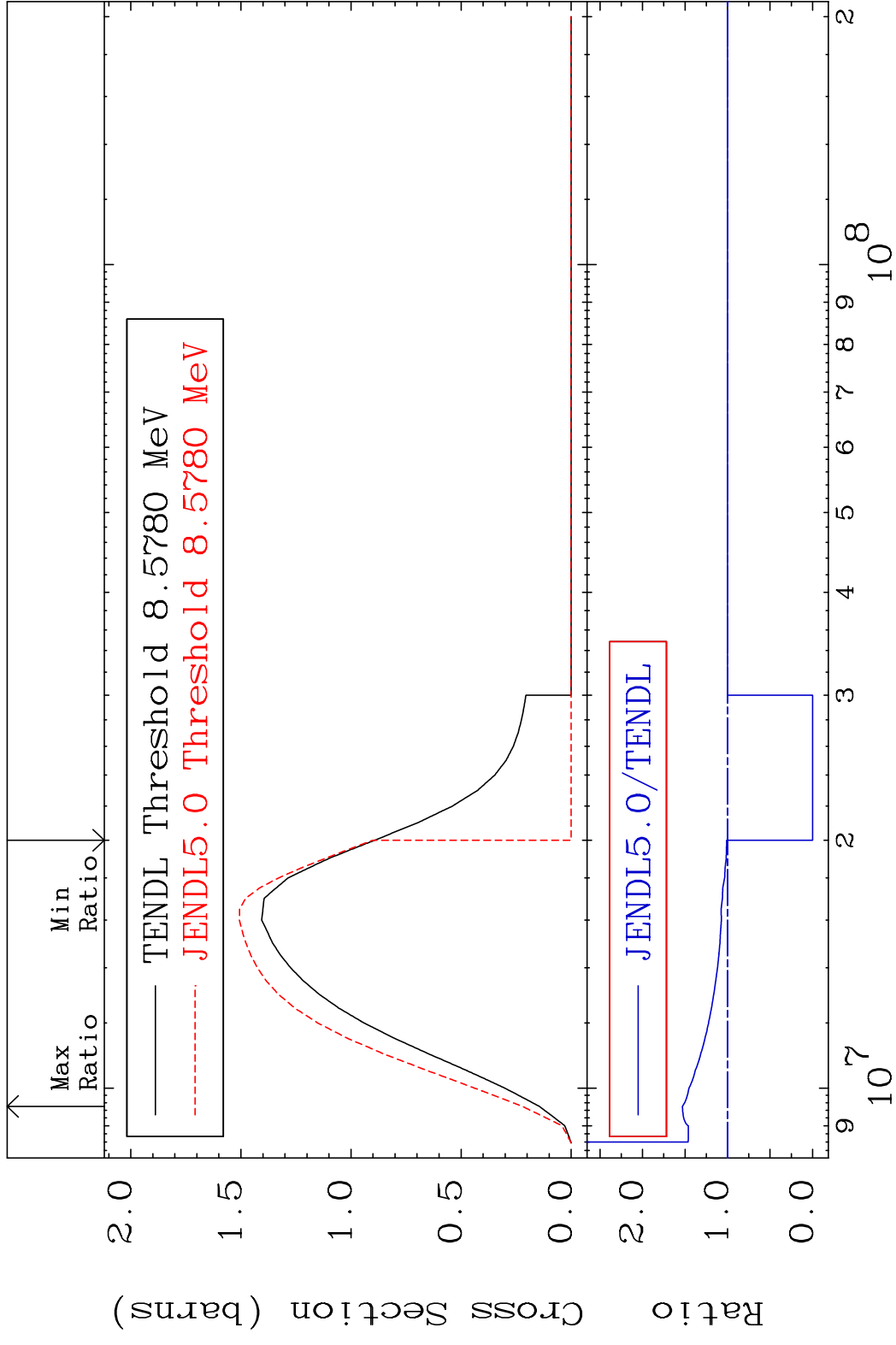


MAT 7919 Dpa disappearance (mt102 -120) 79-Au-195
 Cross Section -100.0 To 9999. %

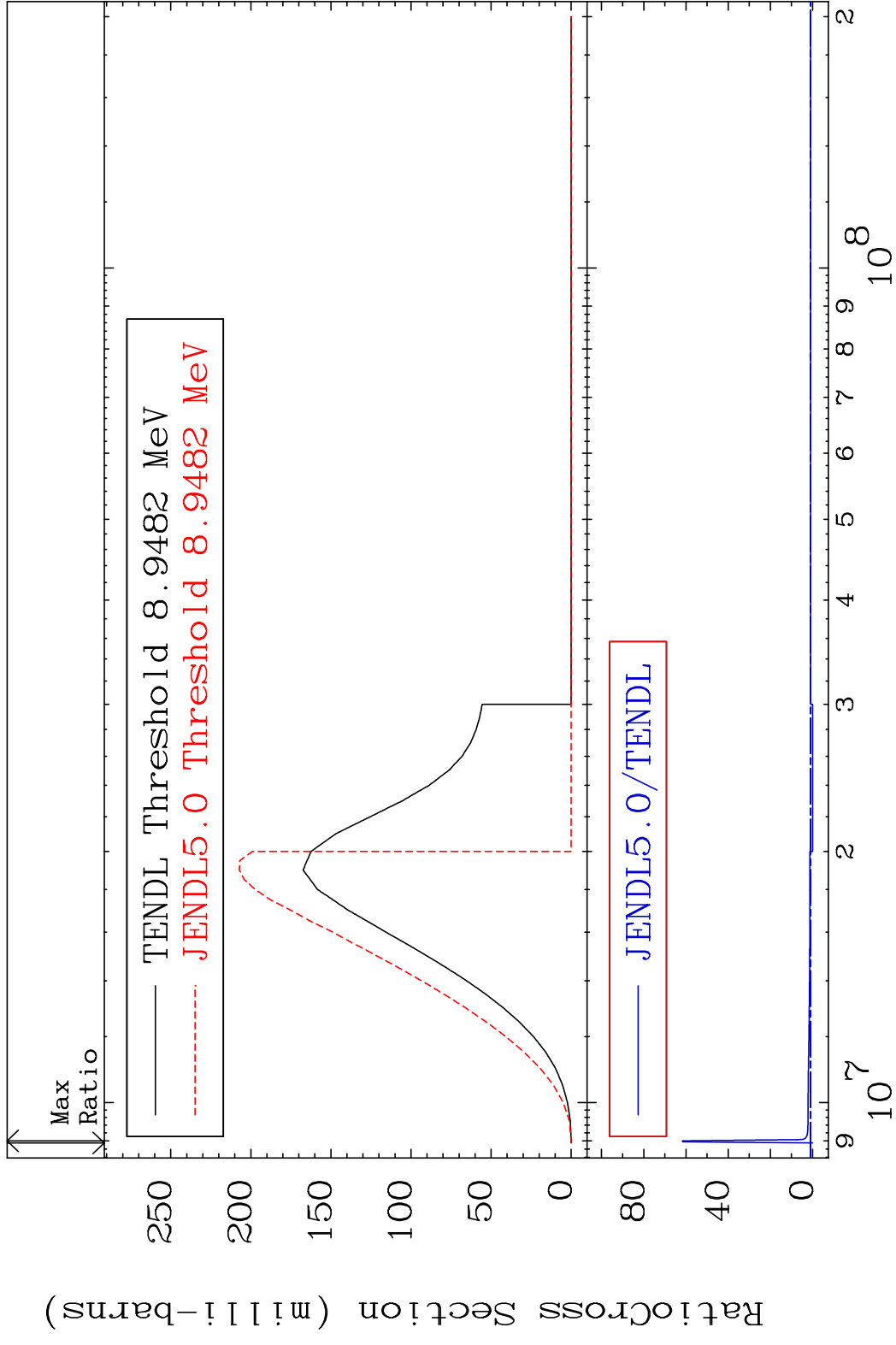








MAT 7919 (n,2n):79-Au-194m8 79-Au-195
 Radionuclide Production Cross Section Ratio 6070. %



68 Incident Energy (eV) 79-Au-195

