

Program Complot
(Version 2021-1)

by

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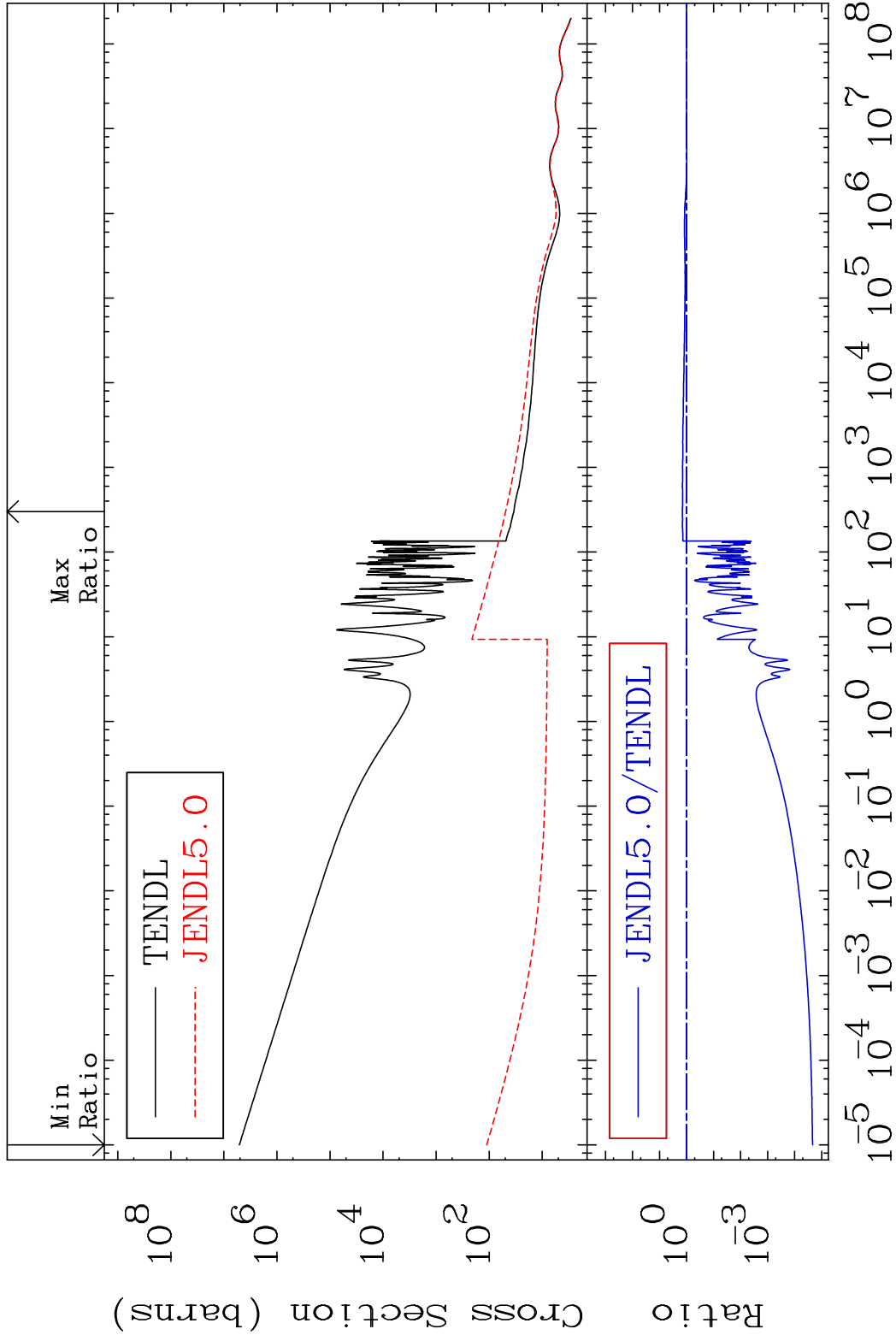
Press Mouse Button to Start

MAT 7929

Total

79-Au-198m

Cross Section -100.0 To 43.04 %



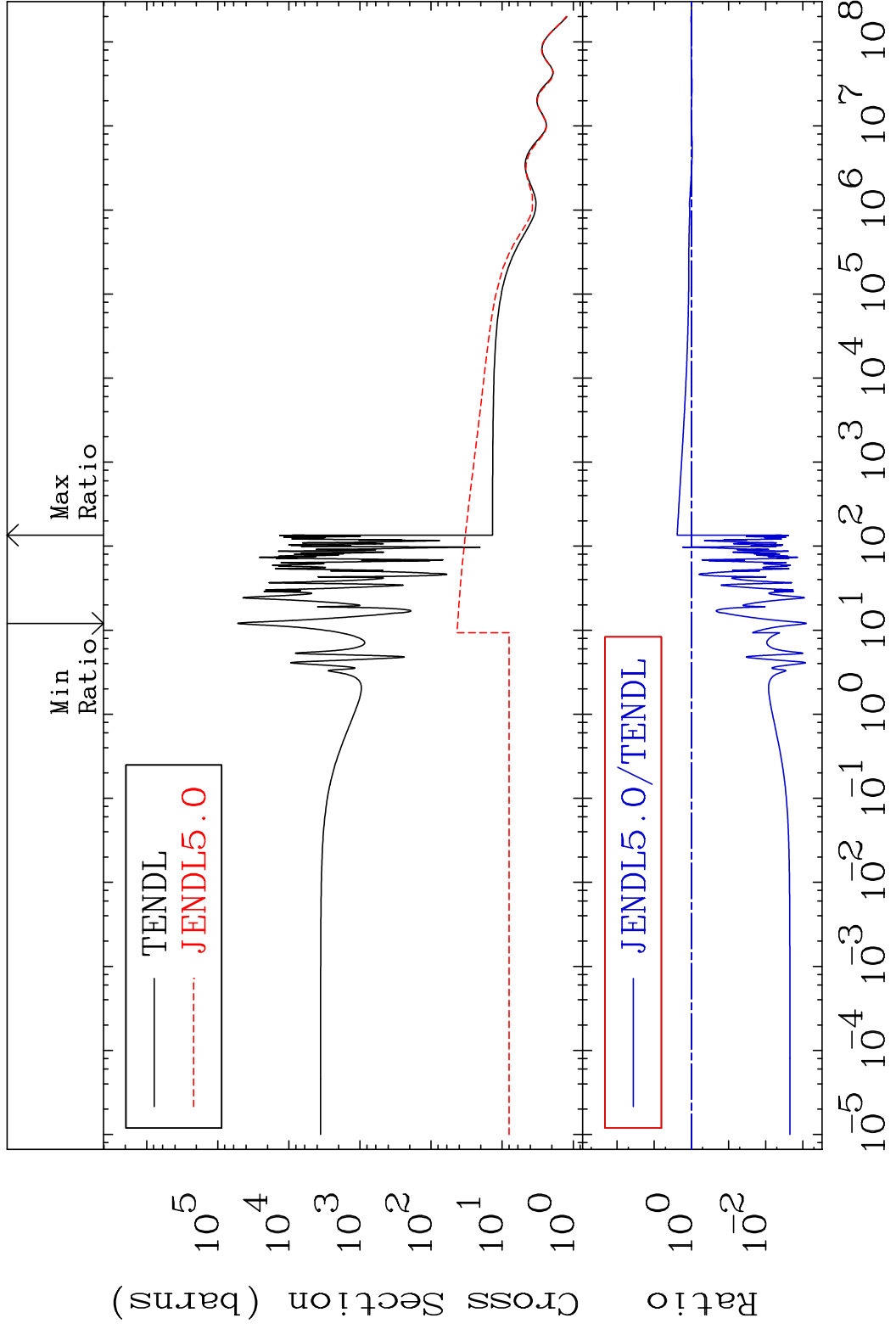
1

Incident Energy (eV)

79-Au-198m

MAT 7929

Elastic Cross Section 79-Au-198m
-99.92 To 140.9 %

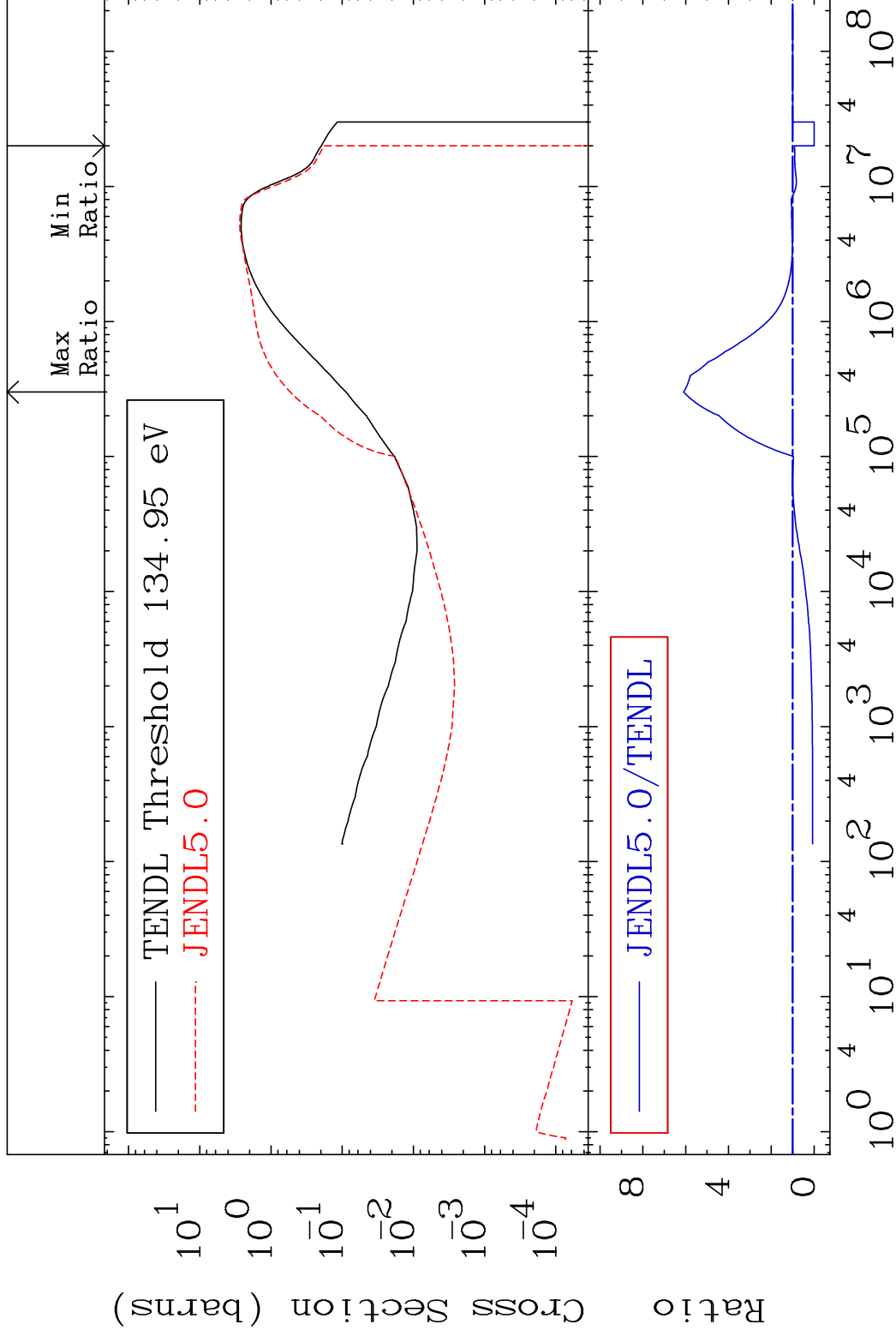


MAT 7929

Inelastic

79-Au-198m

Cross Section -100.0 To 509.4 %



3

Incident Energy (eV)

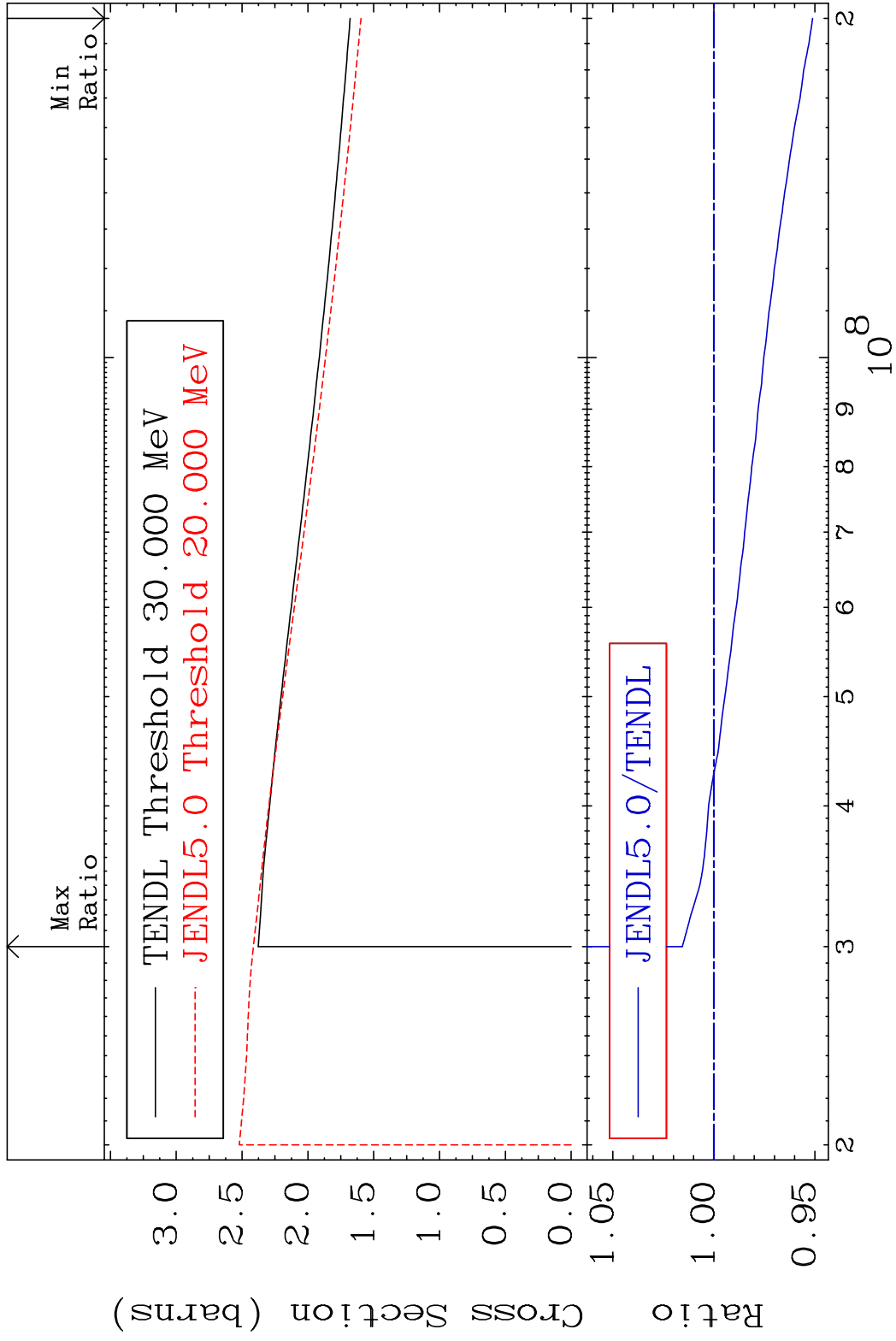
79-Au-198m

MAT 7929

(n, remainder)

79-Au-198m

Cross Section -4.889 To 1.559 %

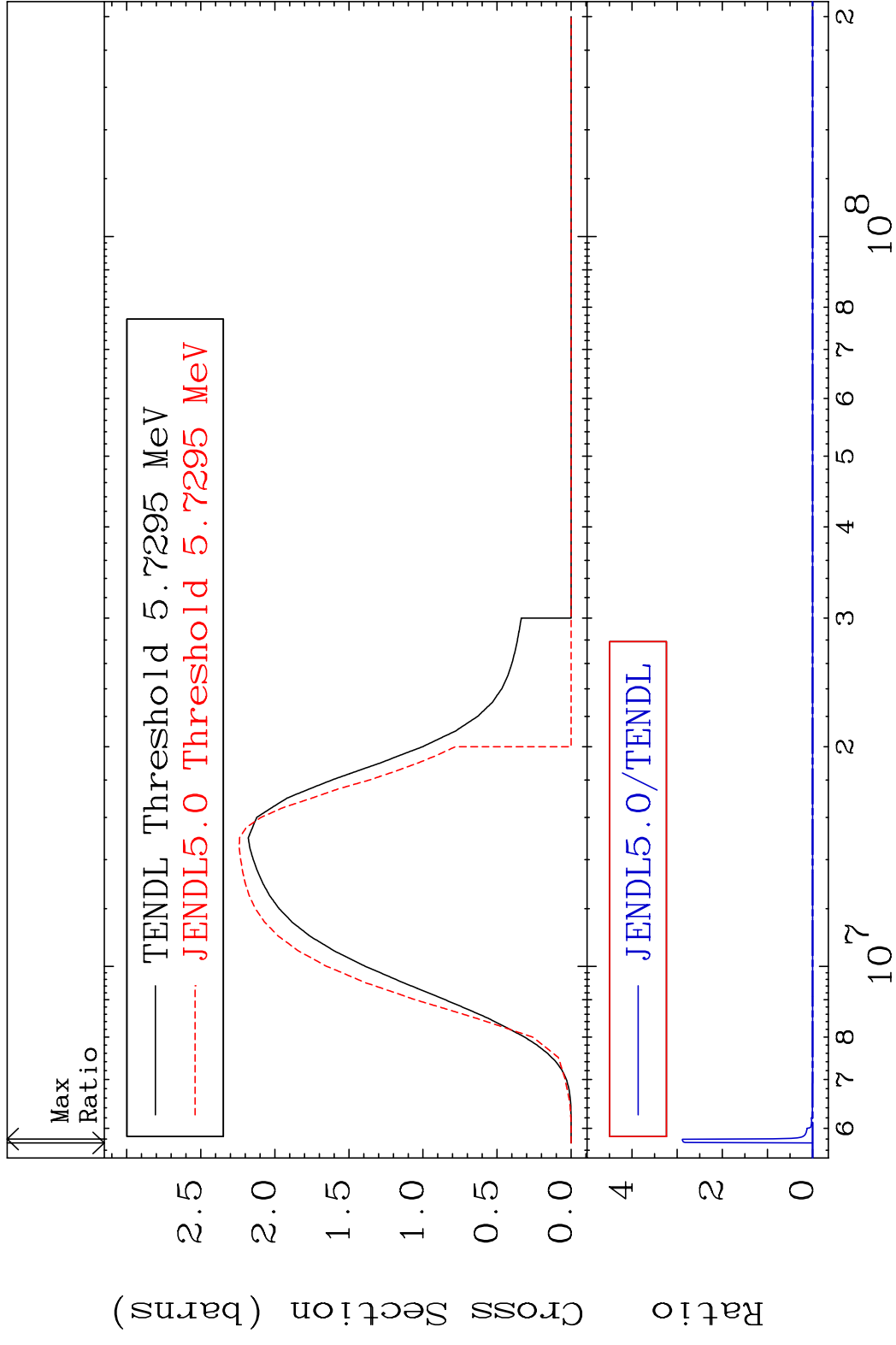


4

Incident Energy (eV)

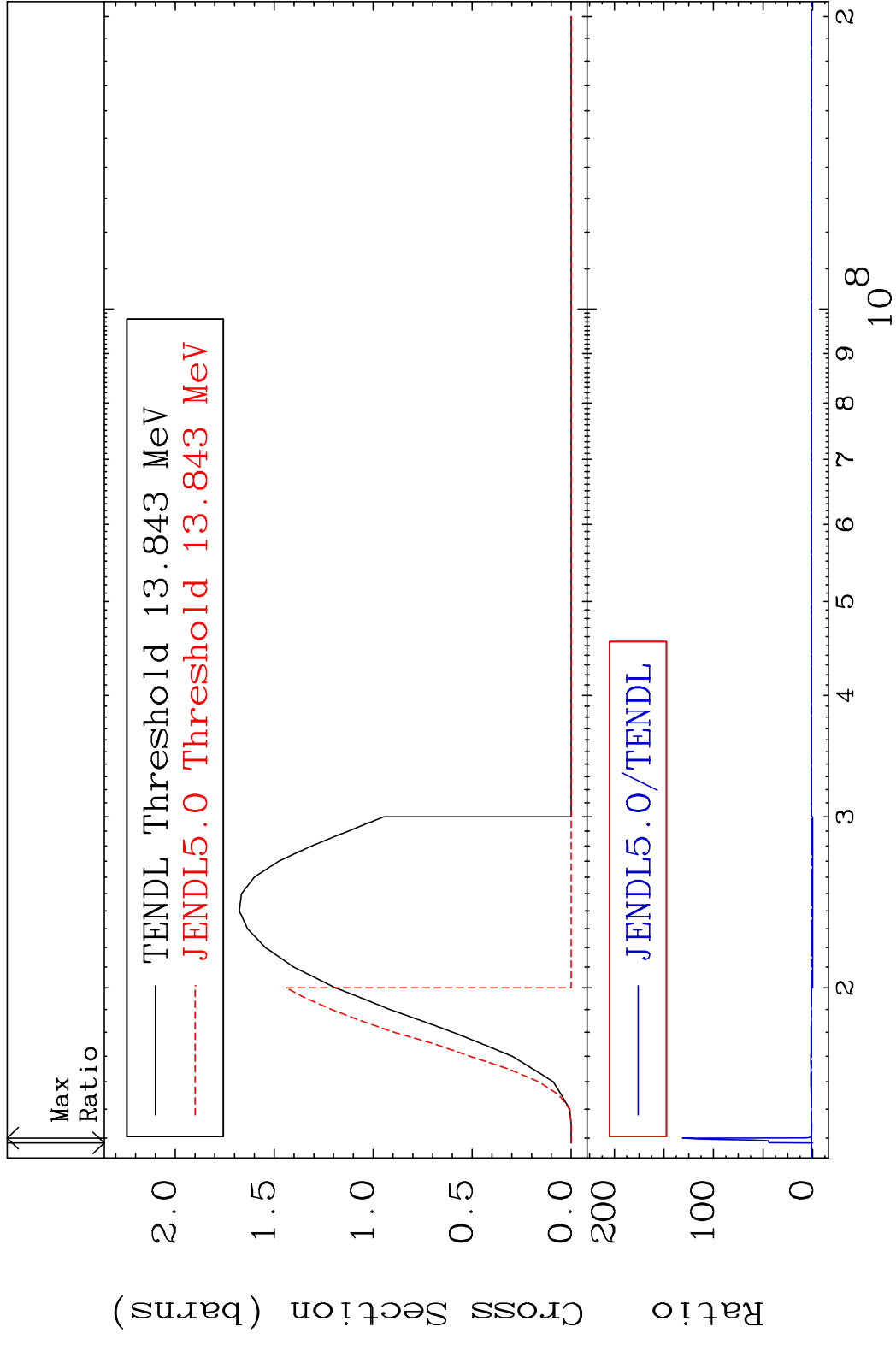
79-Au-198m

MAT 7929 (n,2n) 79-Au-198m
 Cross Section -100.0 To 9999. %



5 Incident Energy (eV) 79-Au-198m

MAT 7929 (n,3n) 79-Au-198m
 Cross Section -100.0 To 9999. %



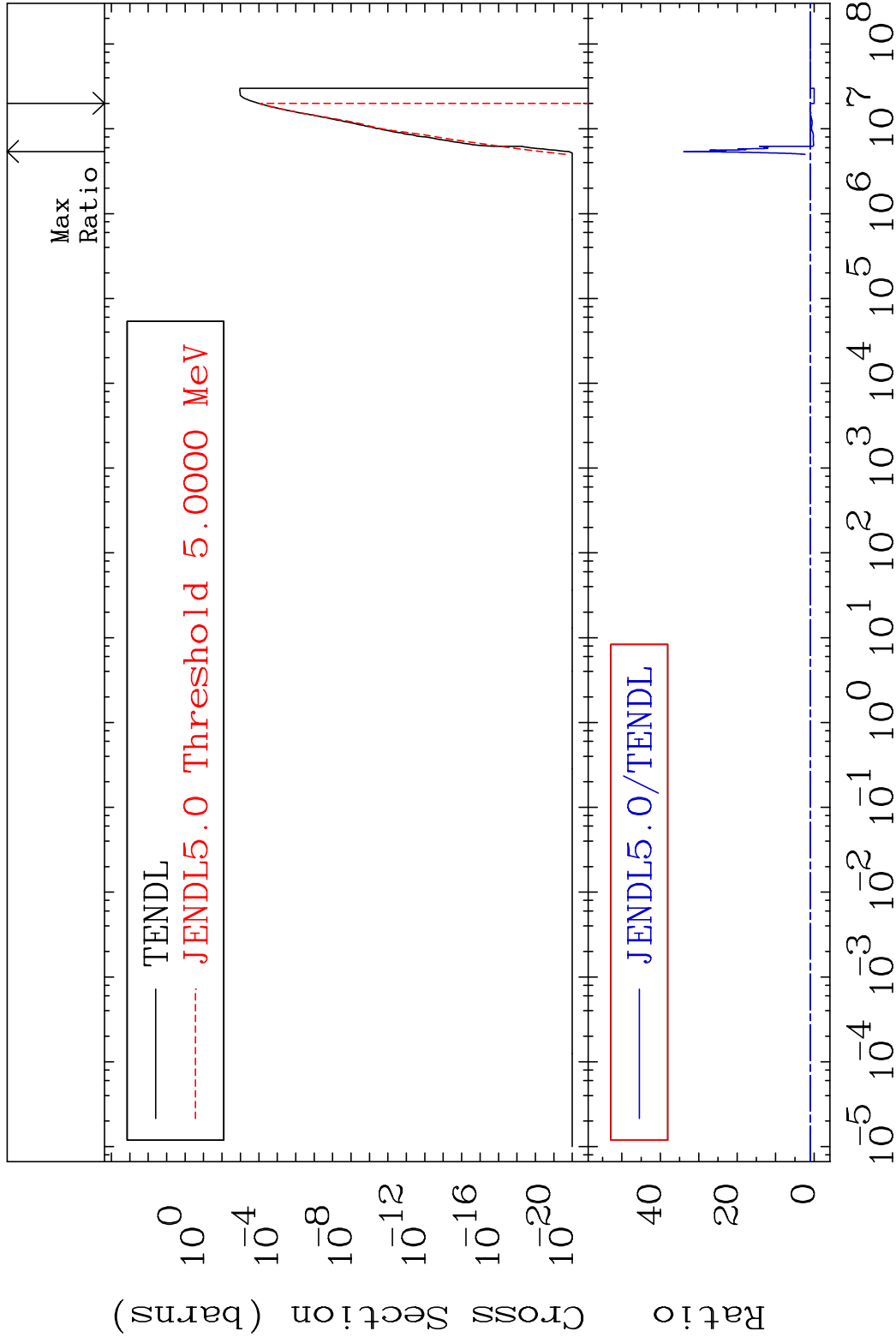
6 Incident Energy (eV) 79-Au-198m

MAT 7929

(n, n') α

79-Au-198m

Cross Section -100.0 To 3293. %

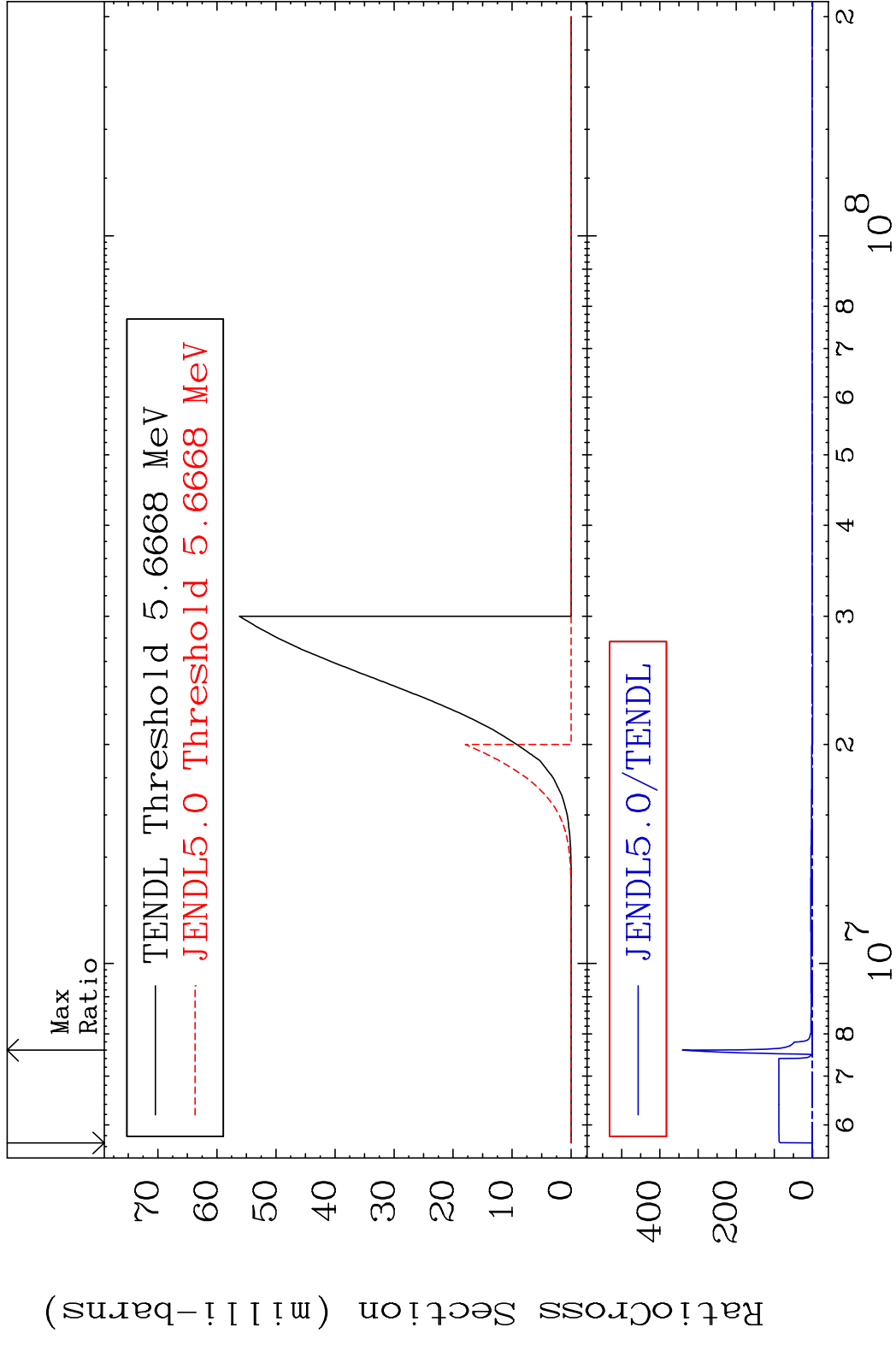


7

Incident Energy (eV)

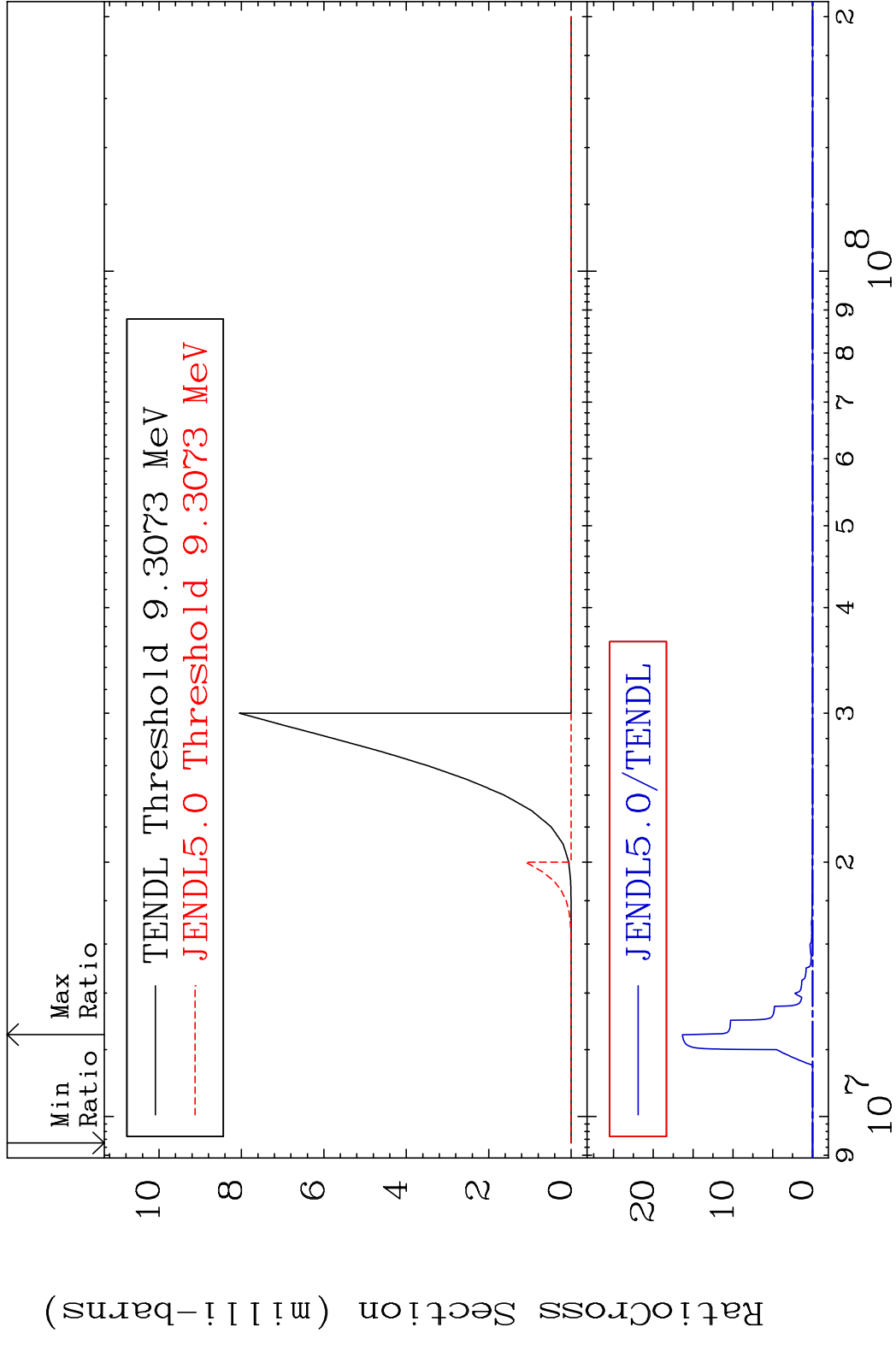
79-Au-198m

MAT 7929 (n, n') p 79-Au-198m
 Cross Section -100.0 To 9999. %



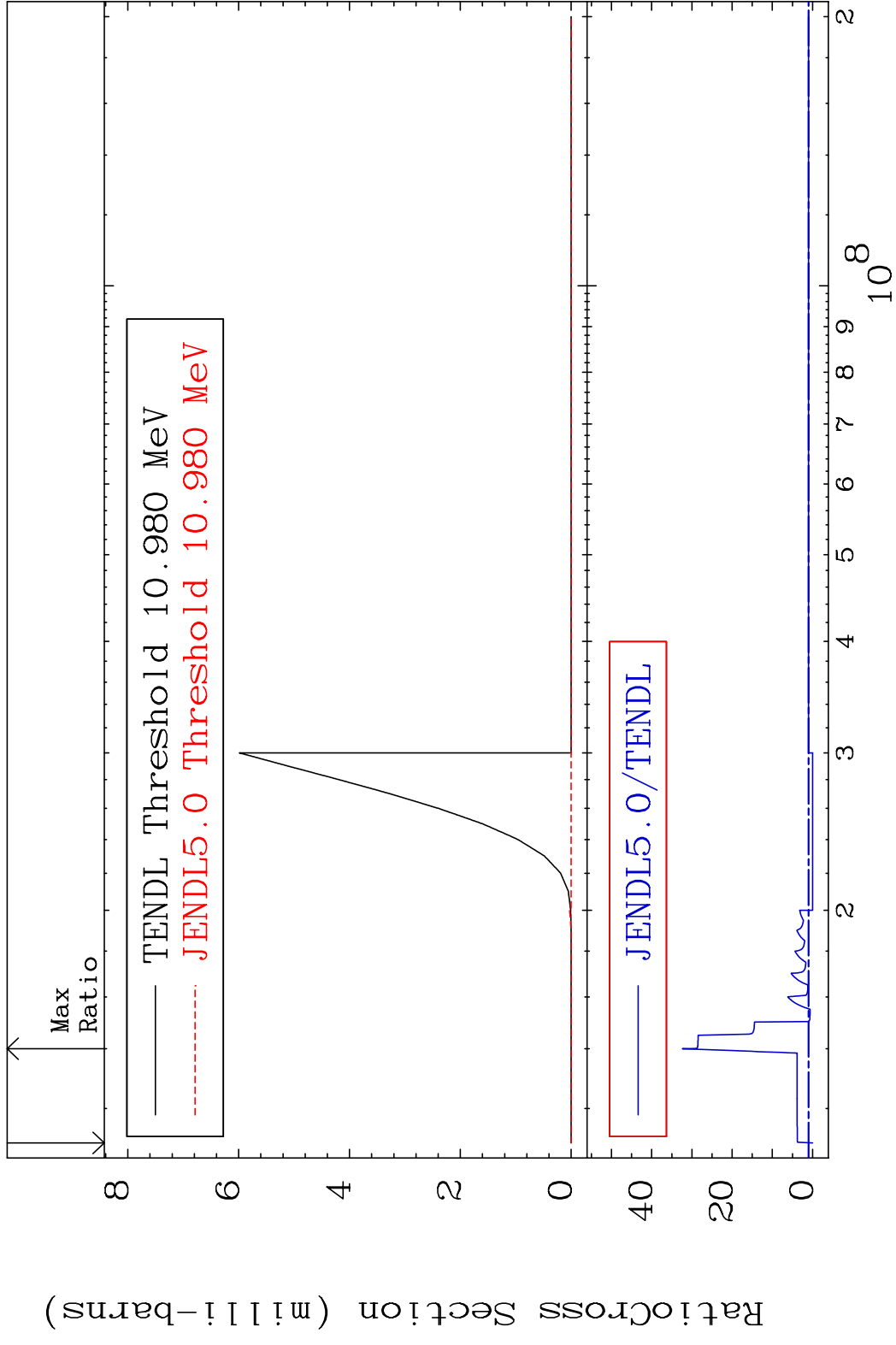
8 Incident Energy (eV) 79-Au-198m

MAT 7929 (n, n') d 79-Au-198m
 Cross Section -100.0 To 9999. %



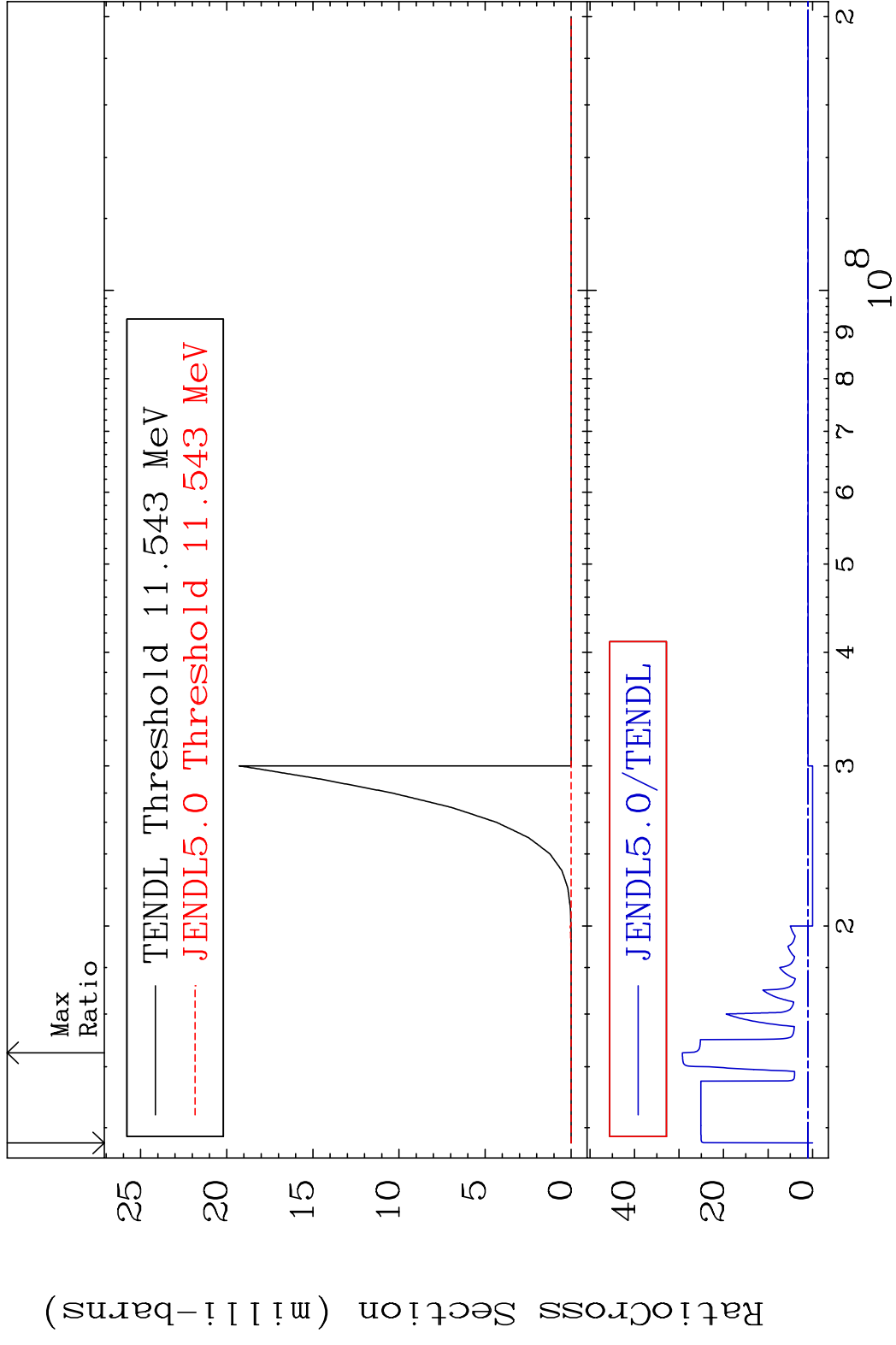
9 7 8 9 10 8 2
 9 Incident Energy (eV) 79-Au-198m

MAT 7929 (n, n') t 79-Au-198m
 Cross Section -100.0 To 3138. %

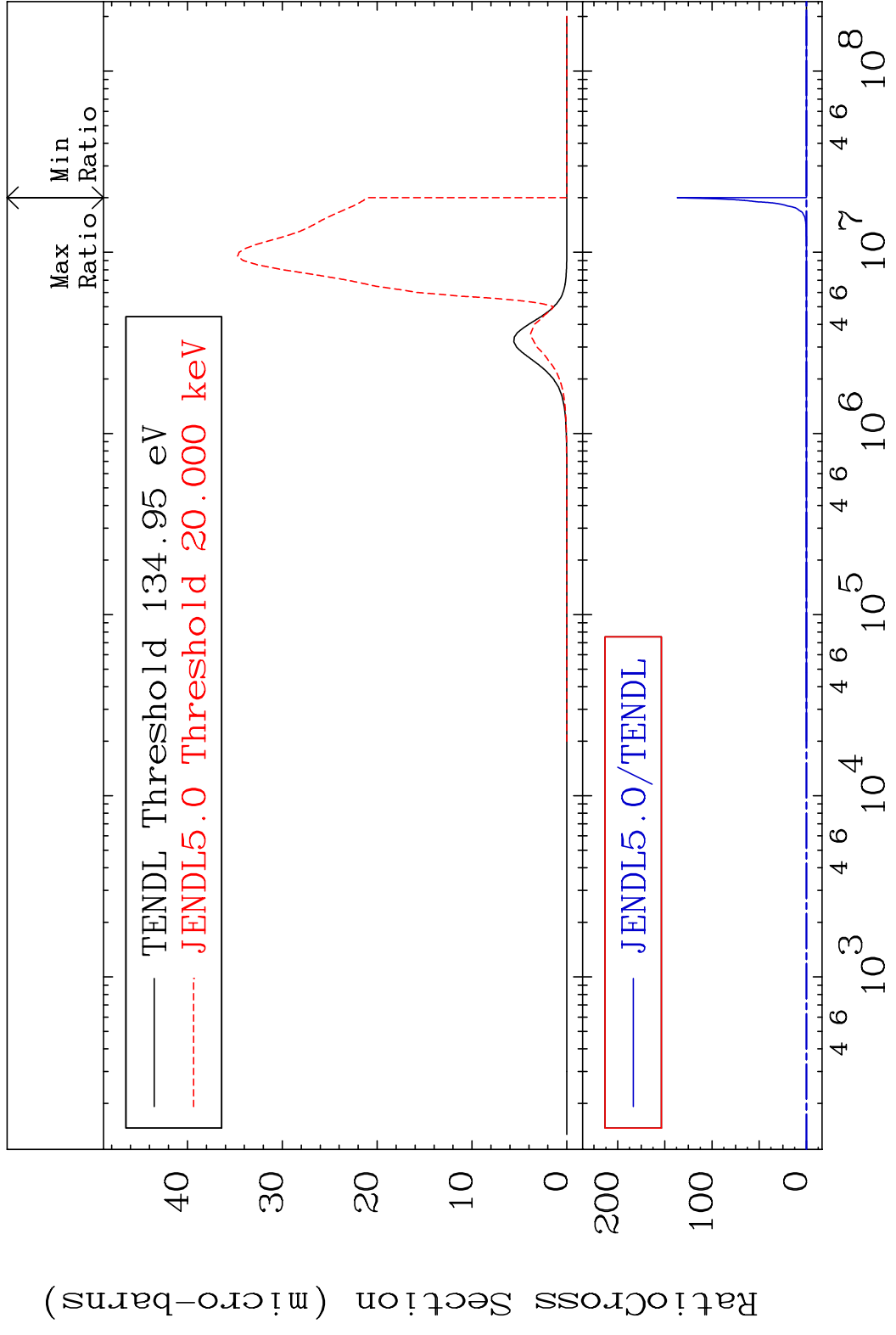


10 Incident Energy (eV) 79-Au-198m

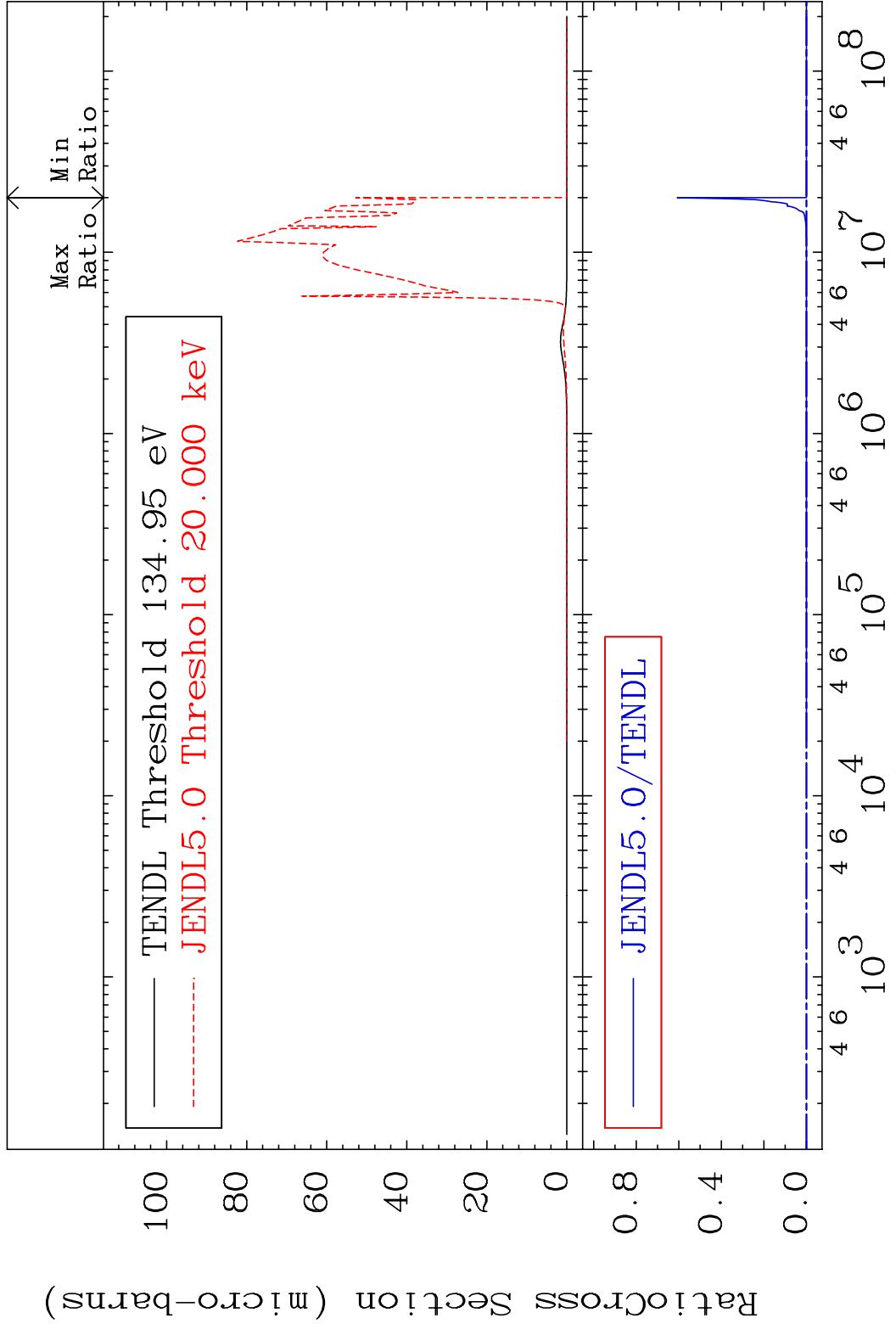
MAT 7929 (n,2n) p 79-Au-198m
 Cross Section -100.0 To 2826. %



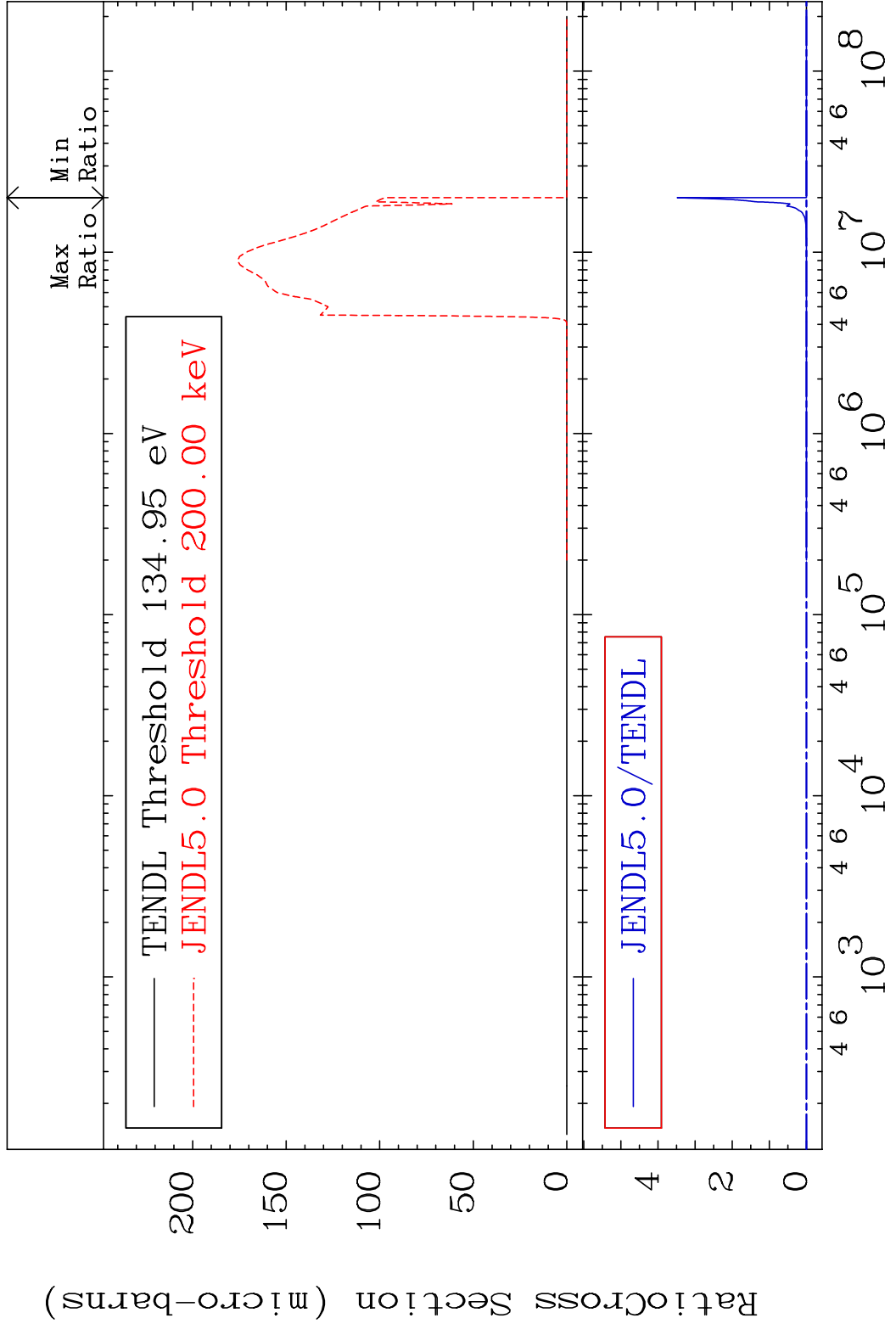
MAT 7929 MT= 51 (n,n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



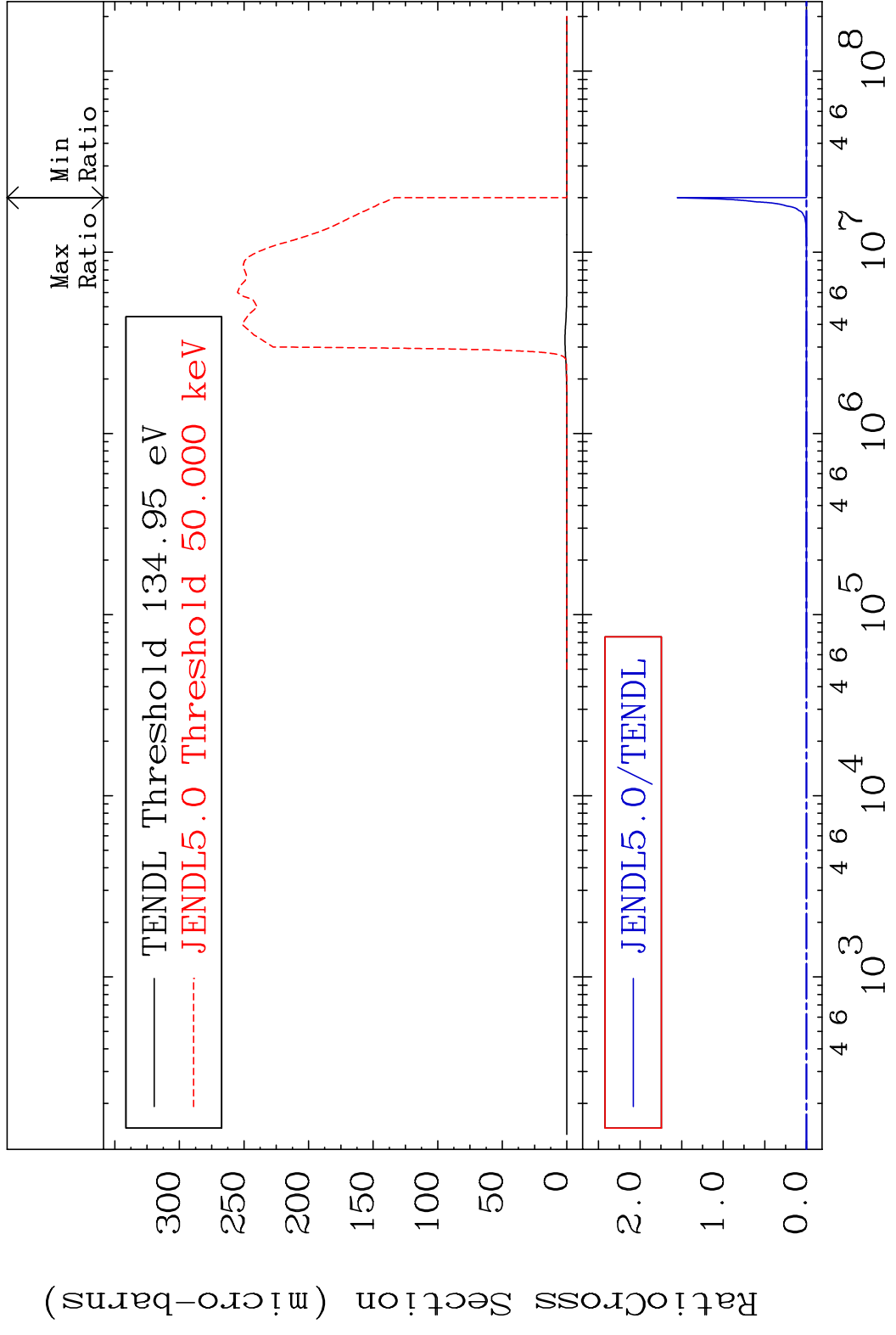
MAT 7929 MT= 52 (n,n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



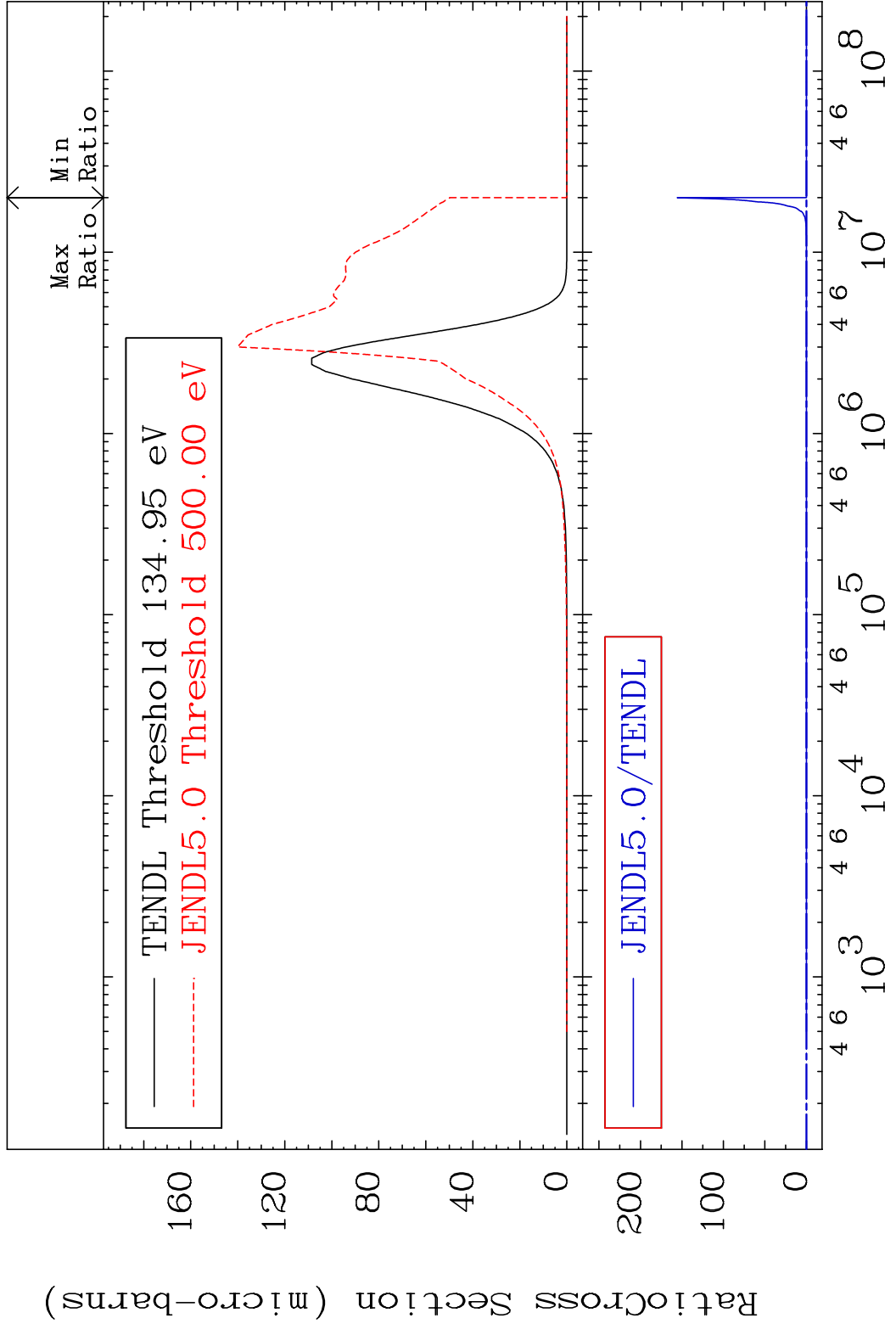
MAT 7929 MT= 53 (n,n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



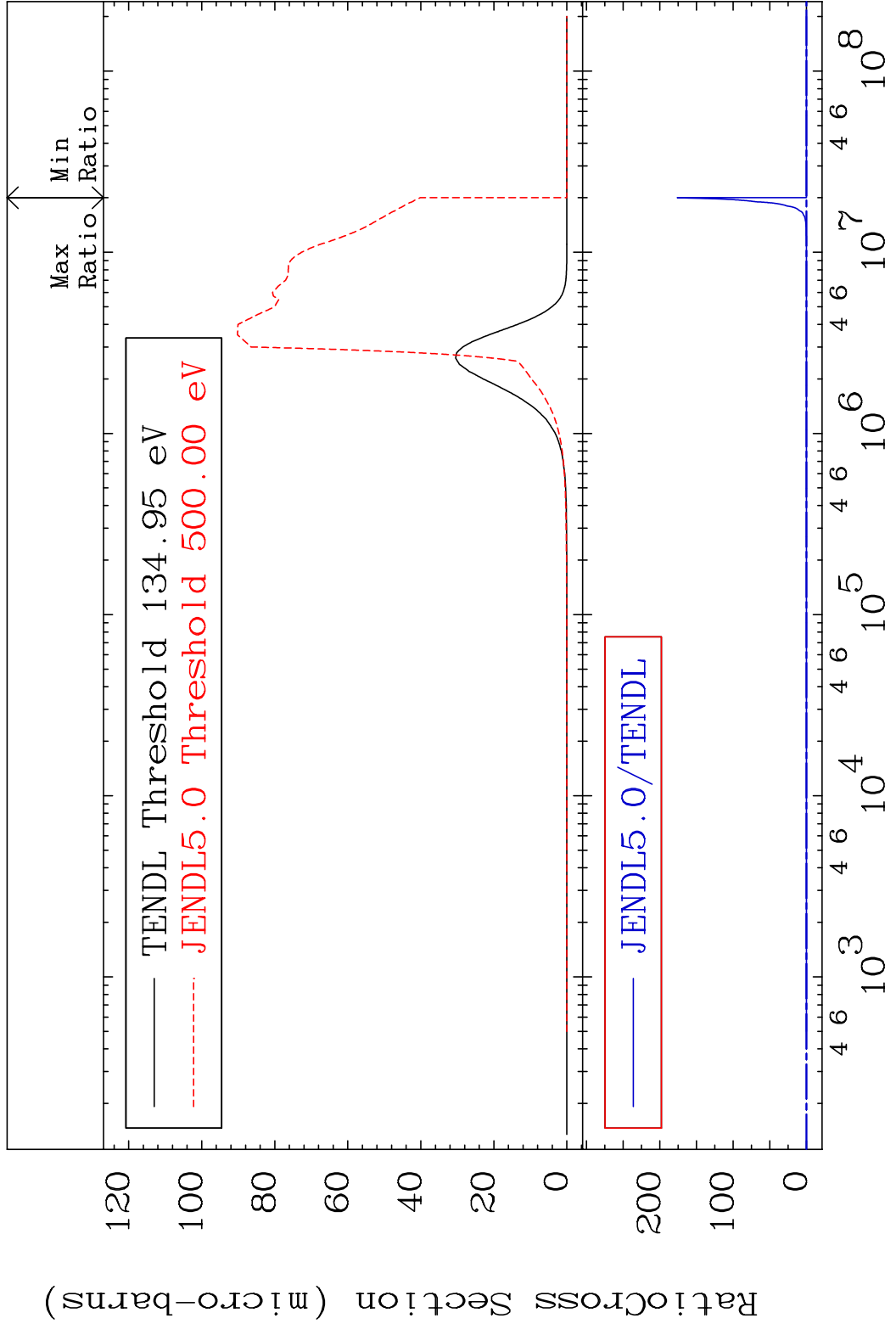
MAT 7929 MT= 54 (n,n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



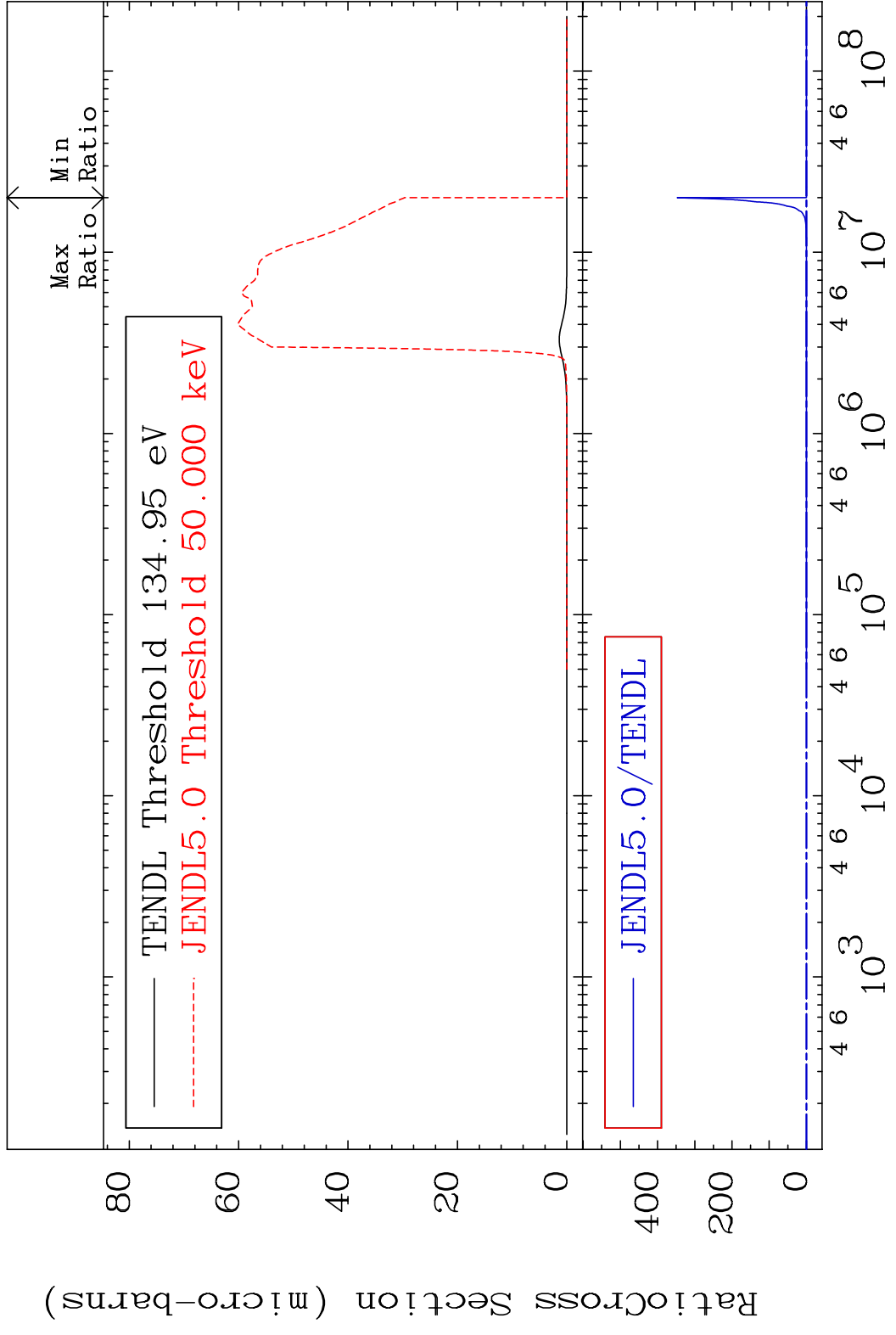
MAT 7929 MT= 55 (n,n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



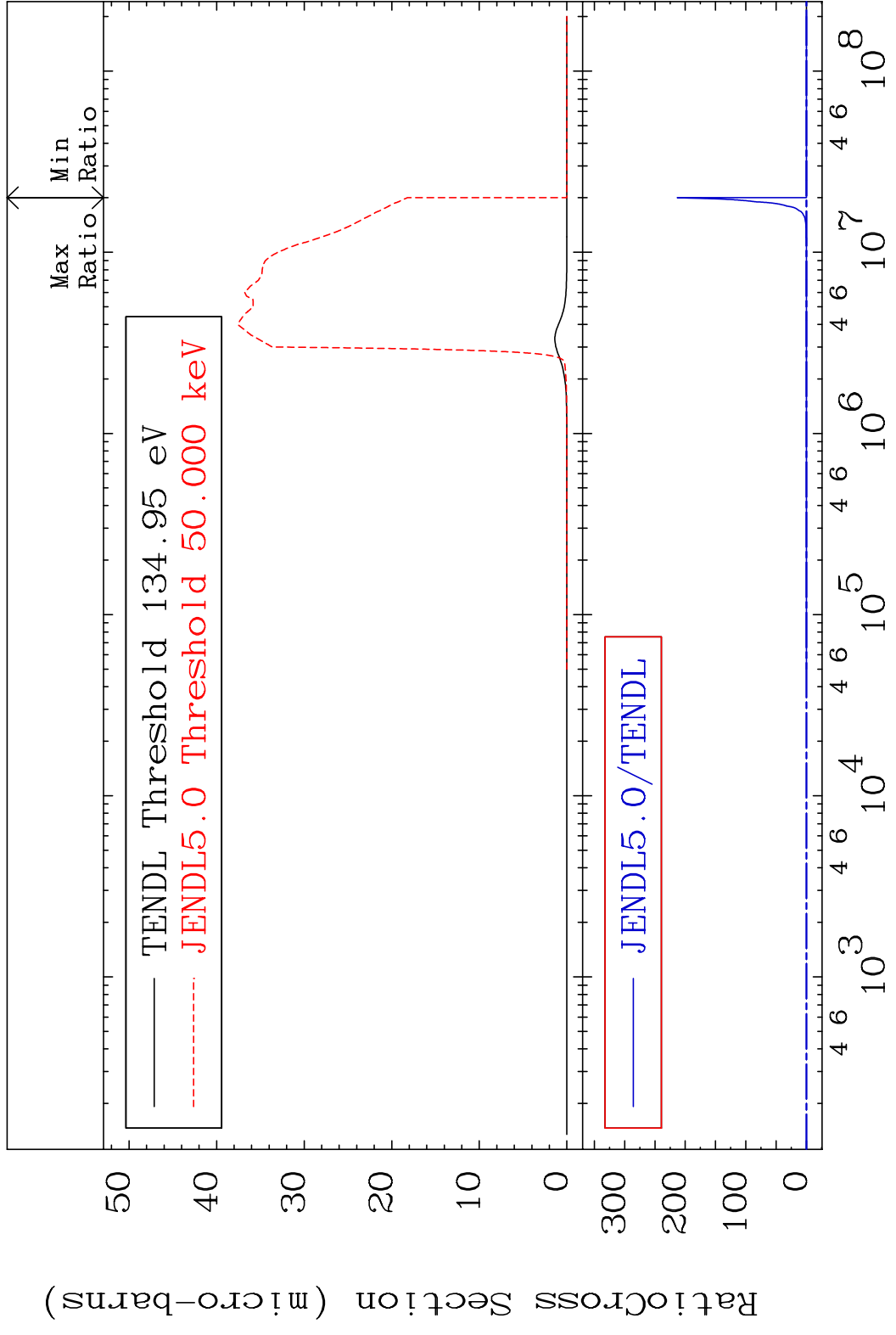
MAT 7929 MT= 56 (n,n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



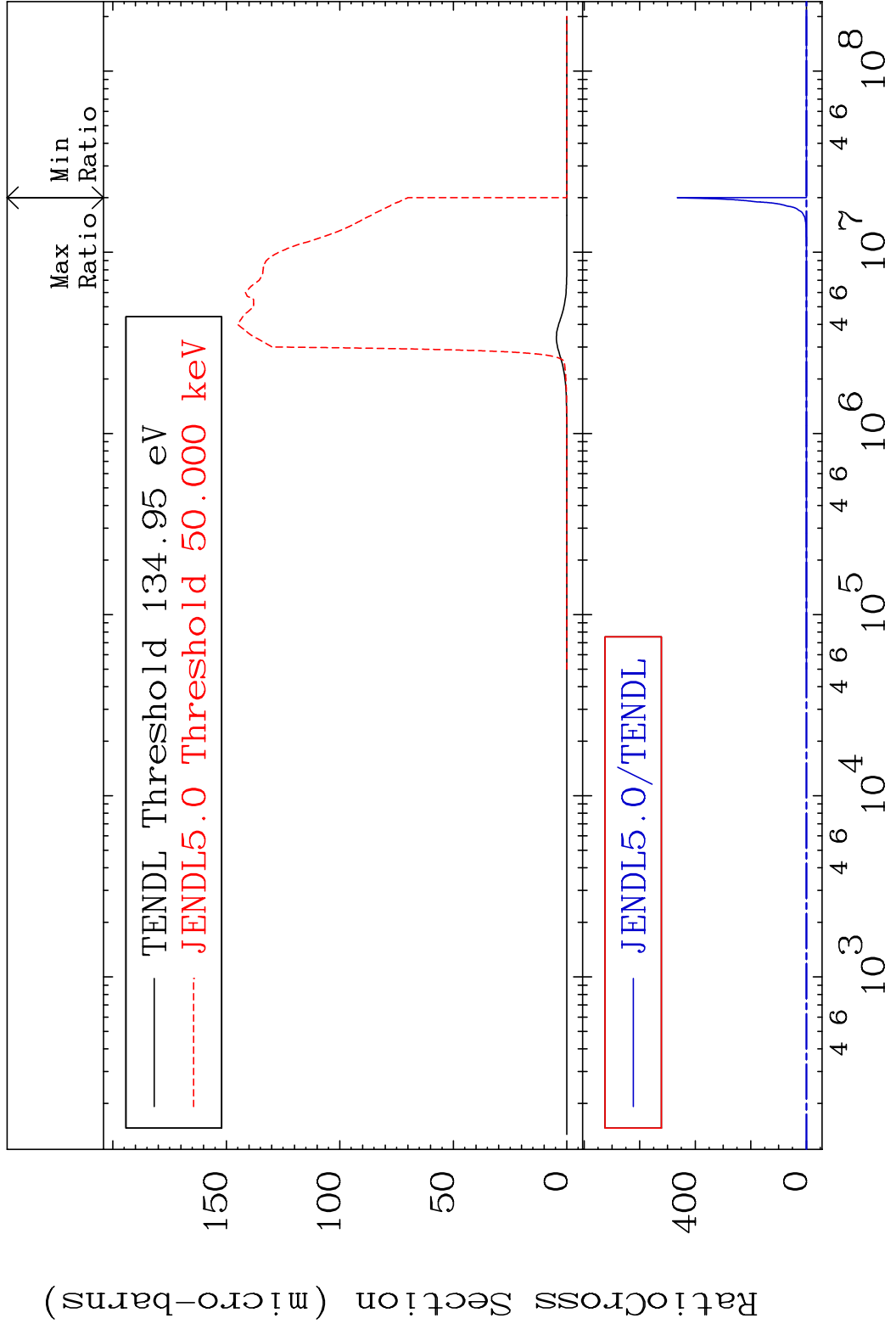
MAT 7929 MT= 57 (n, n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



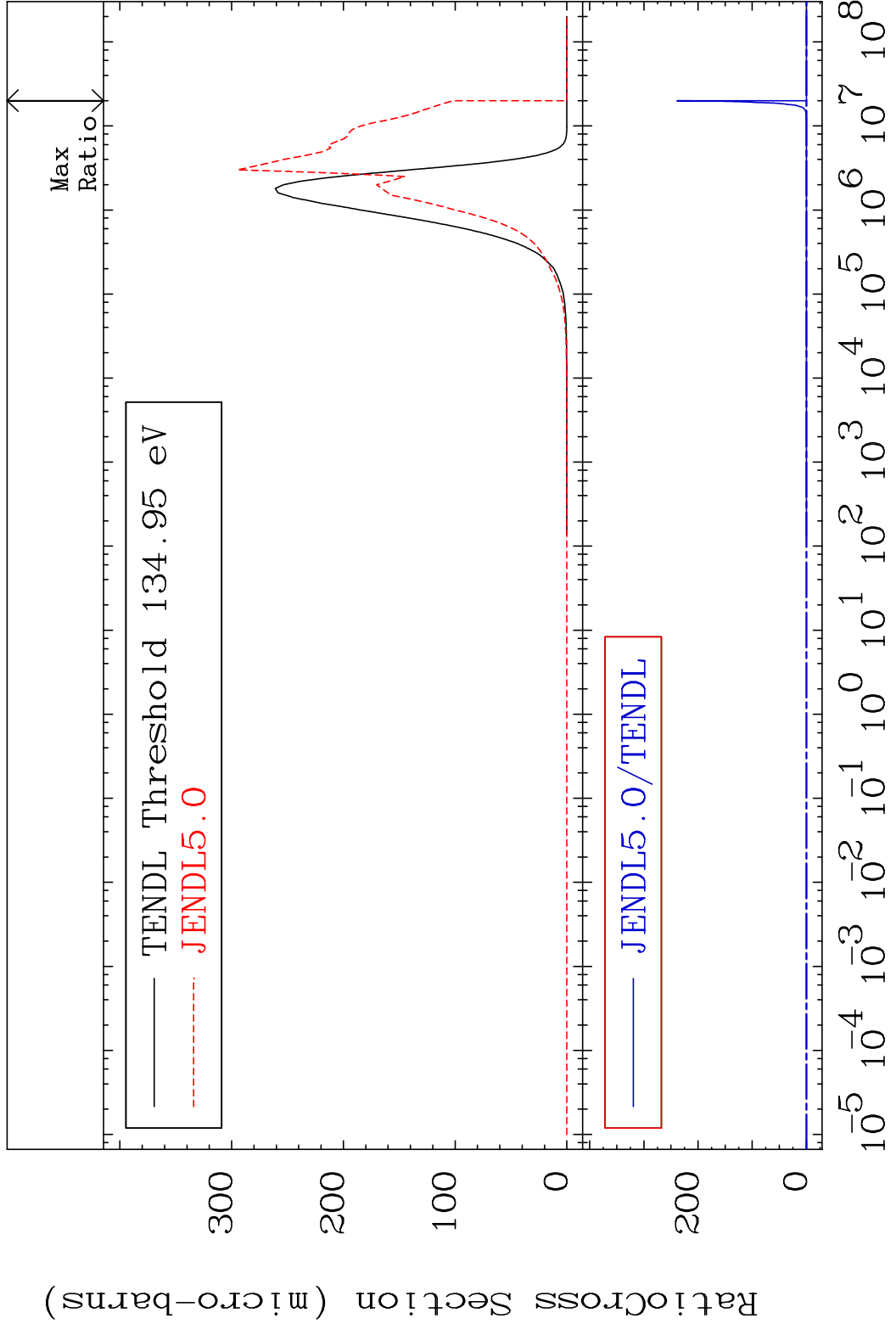
MAT 7929 MT= 58 (n,n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



MAT 7929 MT= 59 (n, n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %

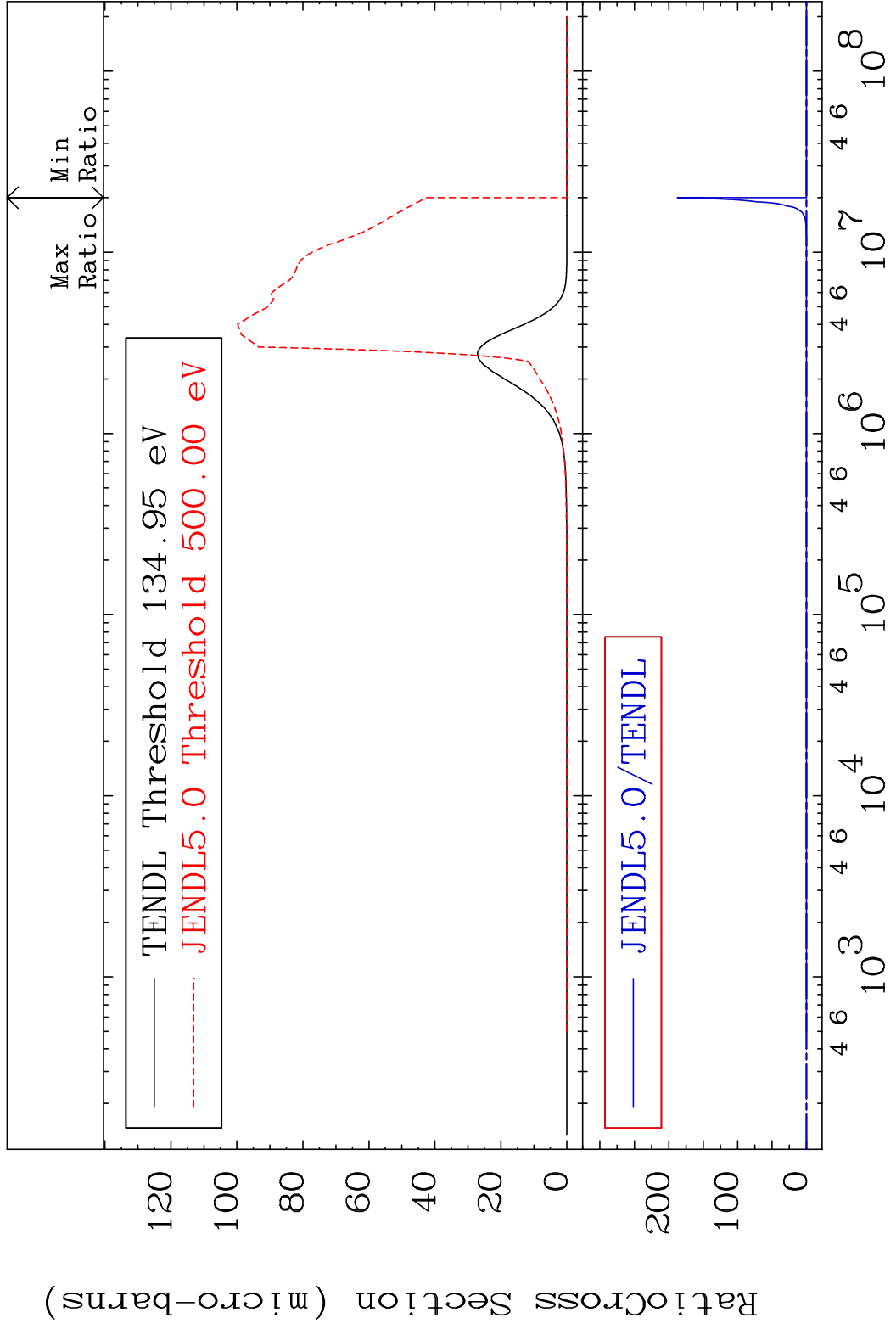


MAT 7929 MT= 60 (n,n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %

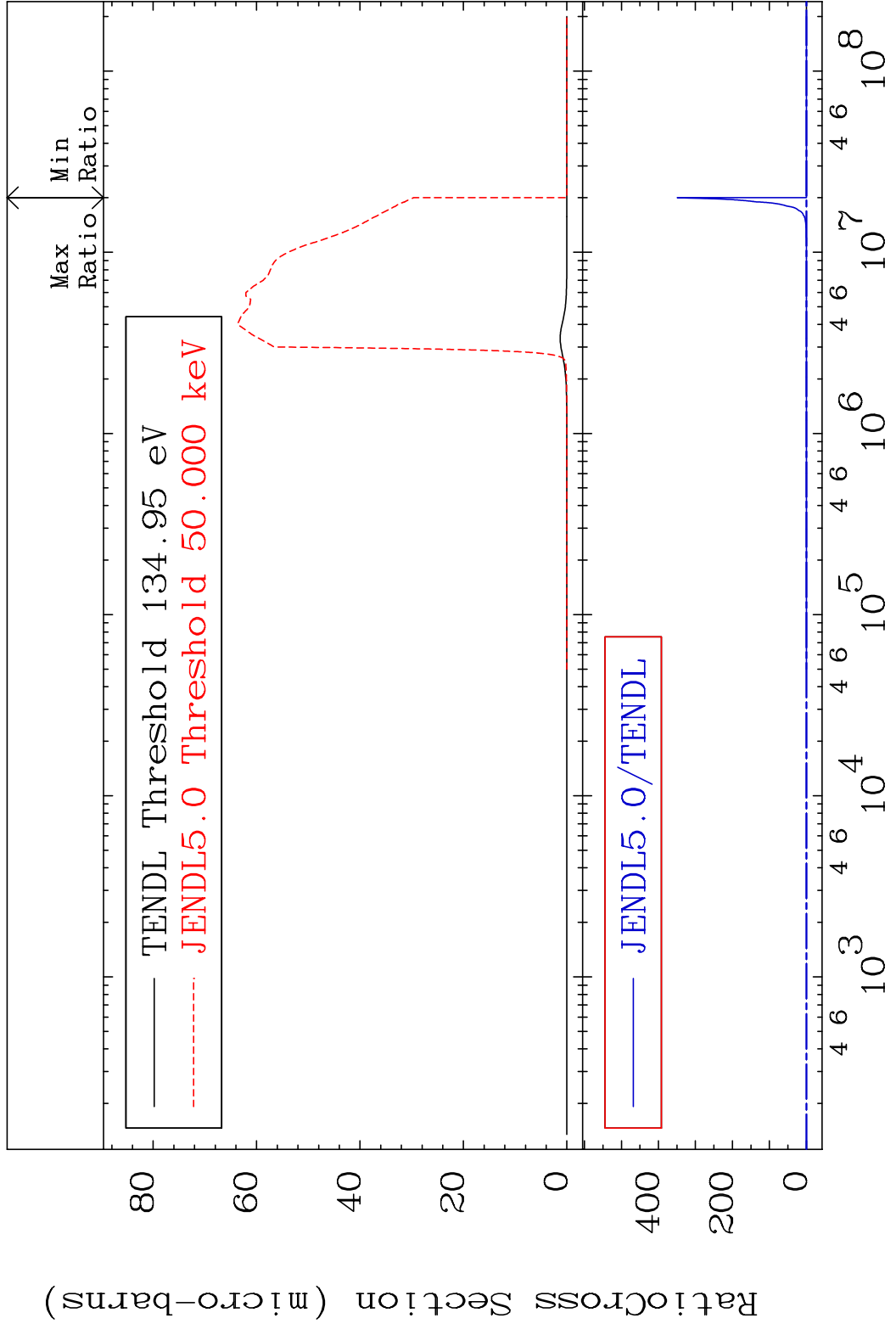


21 Incident Energy (eV) 79-Au-198m

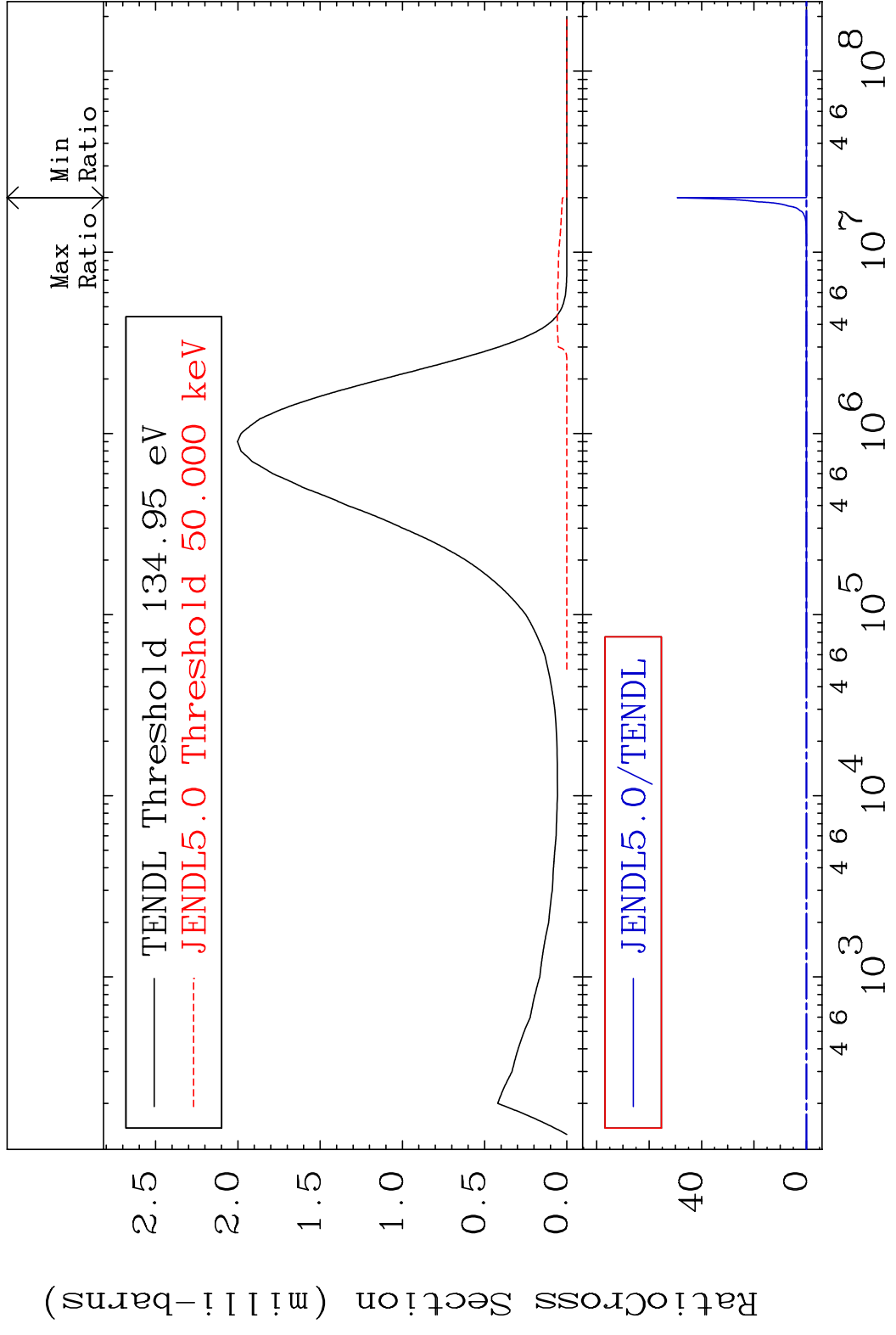
MAT 7929 MT= 61 (n, n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



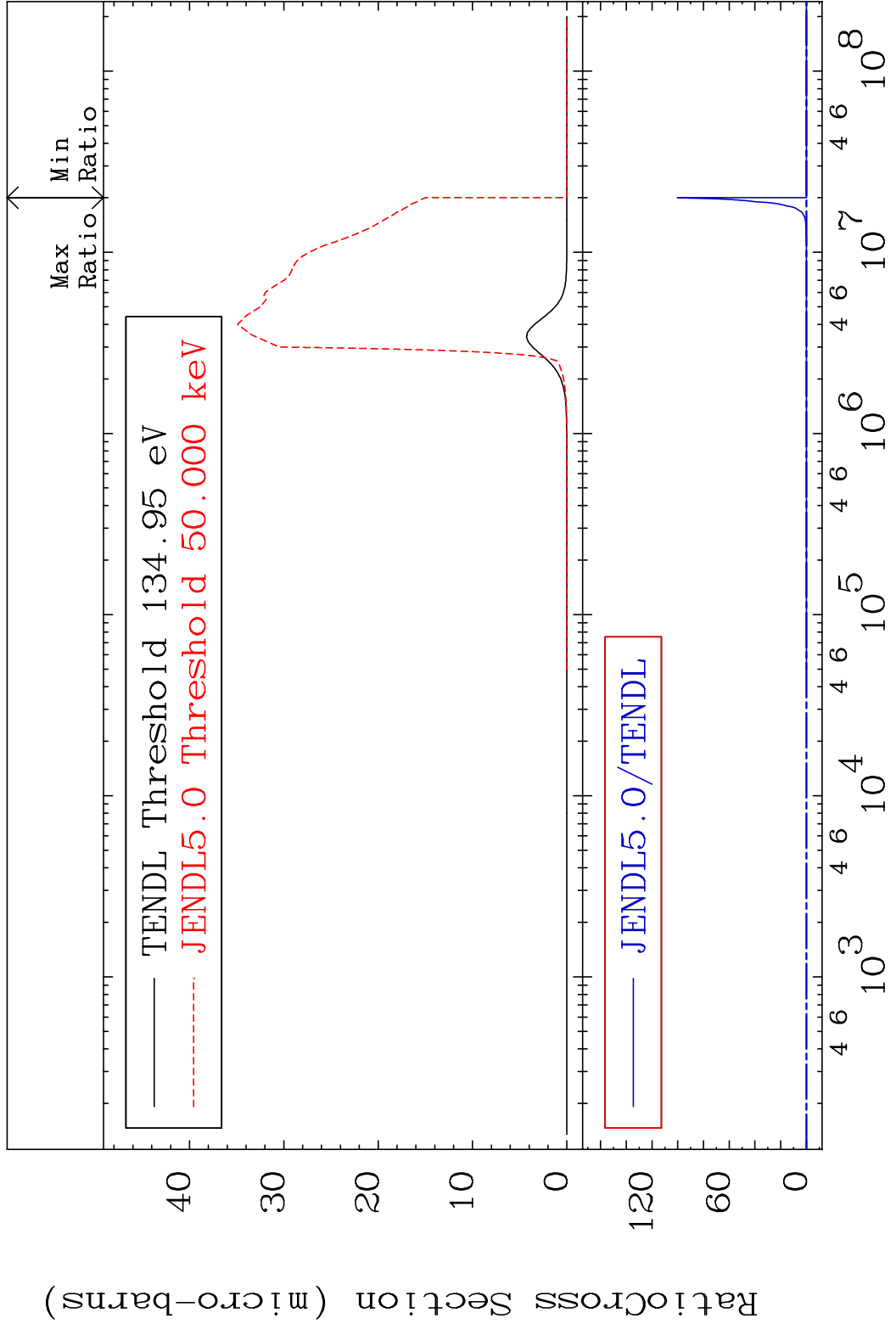
MAT 7929 MT= 62 (n, n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



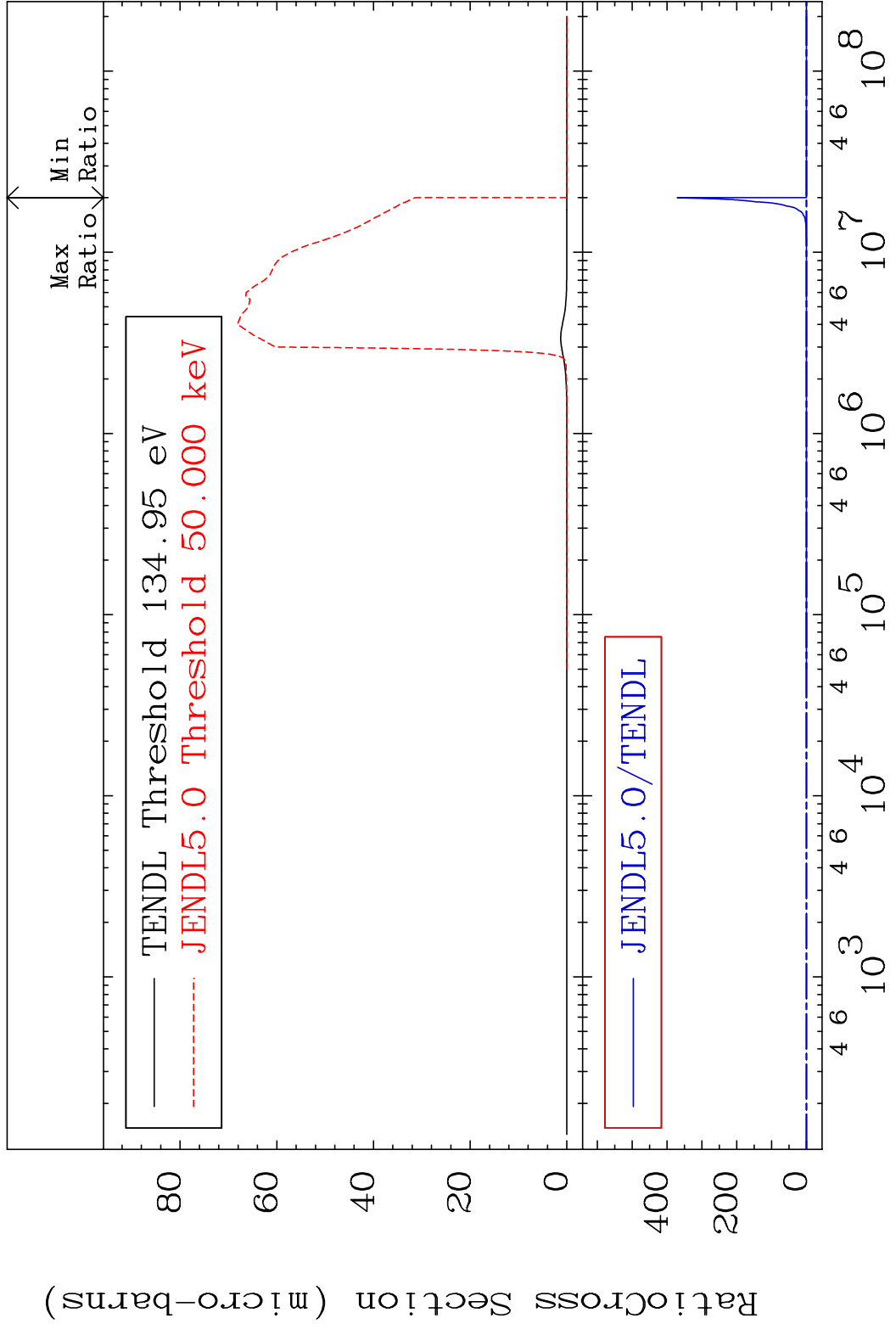
MAT 7929 MT= 64 (n, n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



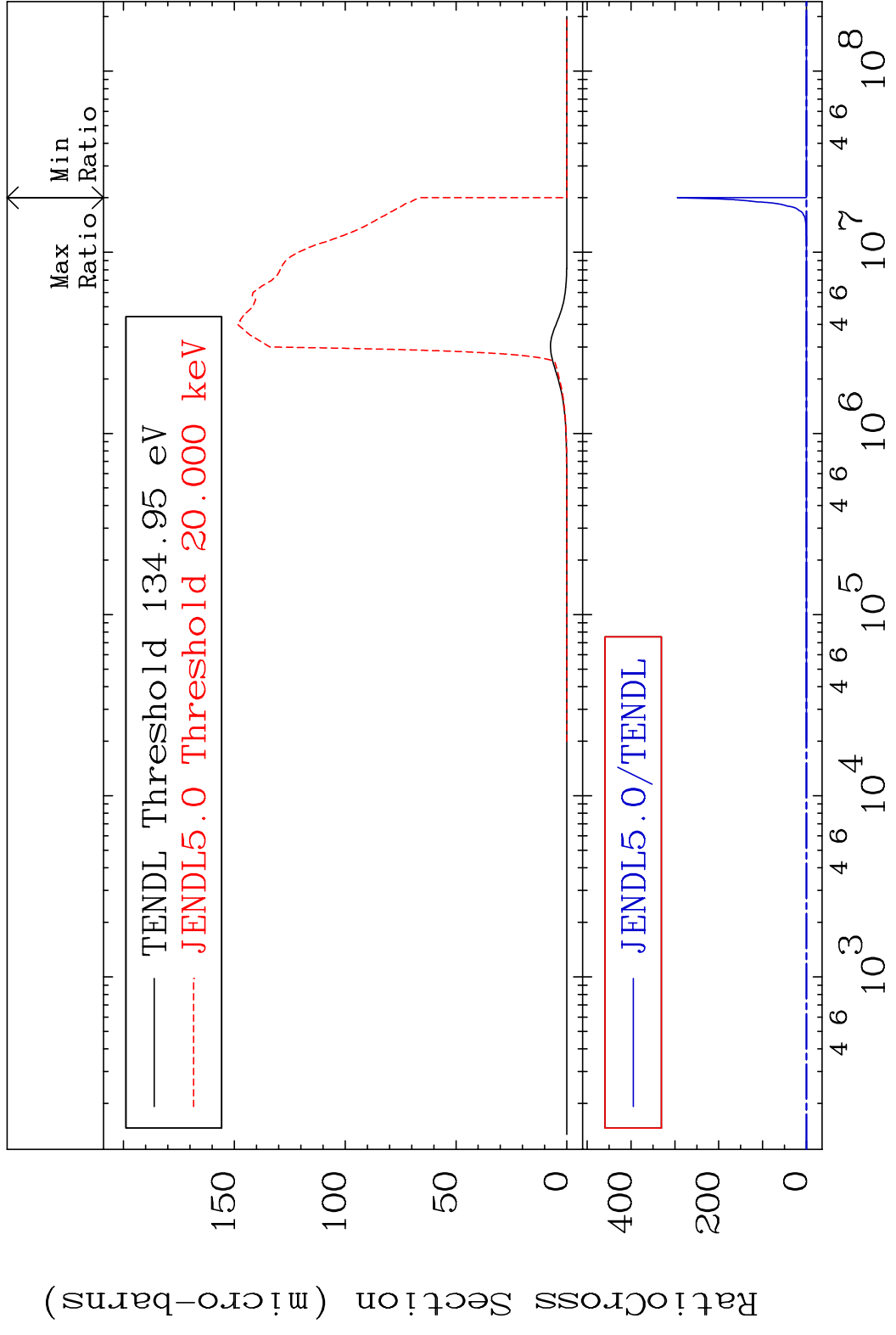
MAT 7929 MT= 65 (n,n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



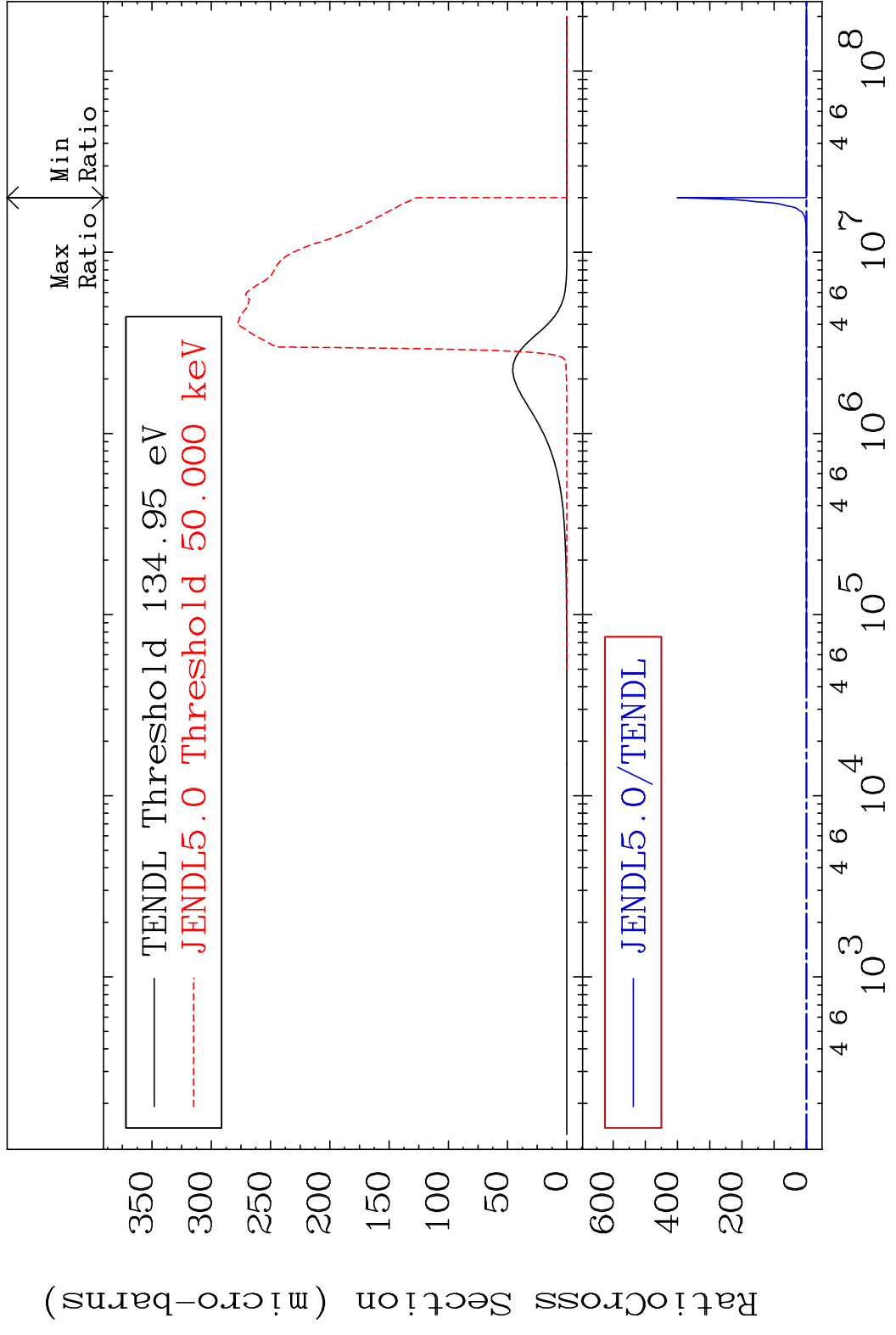
MAT 7929 MT= 66 (n,n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



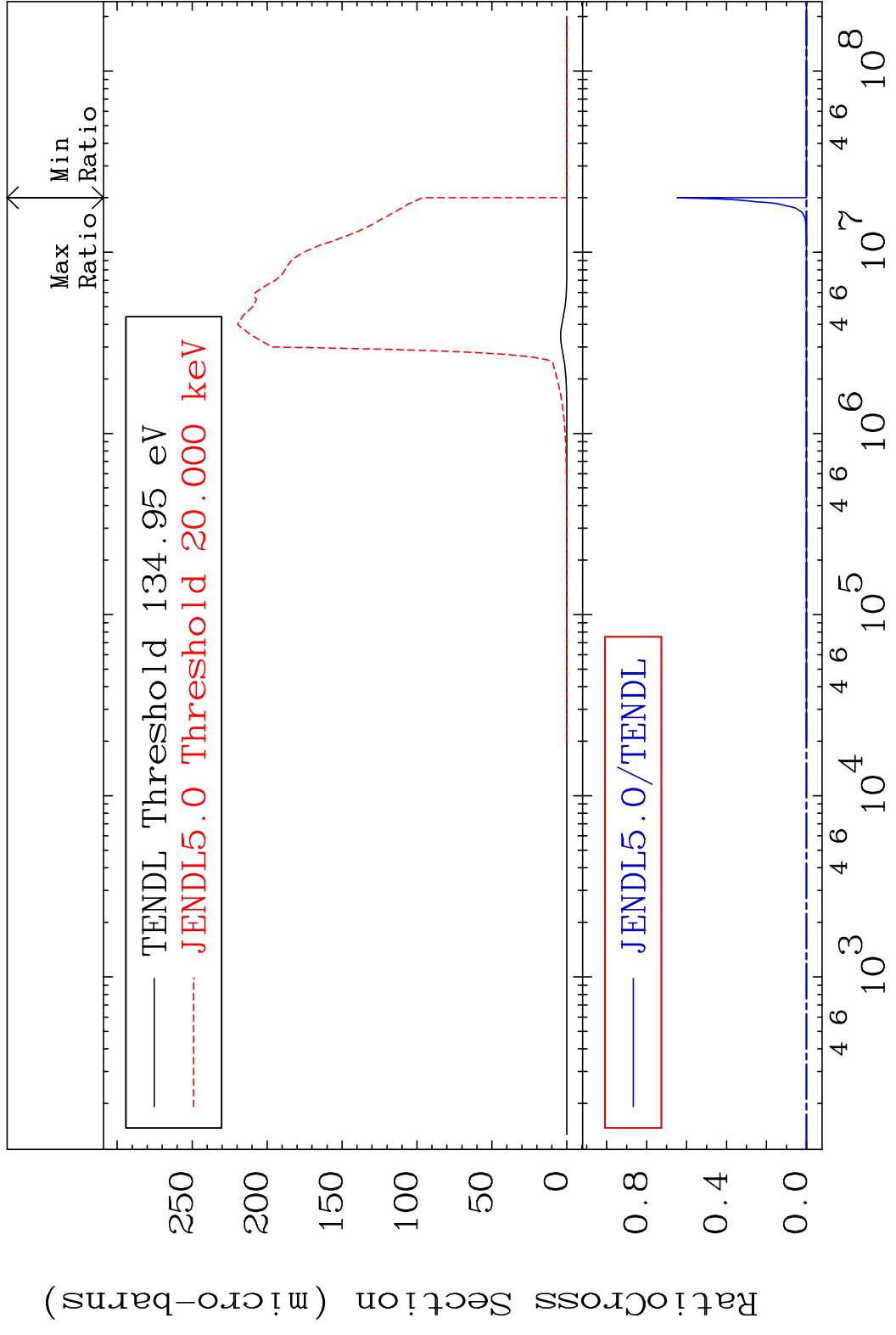
MAT 7929 MT= 67 (n,n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



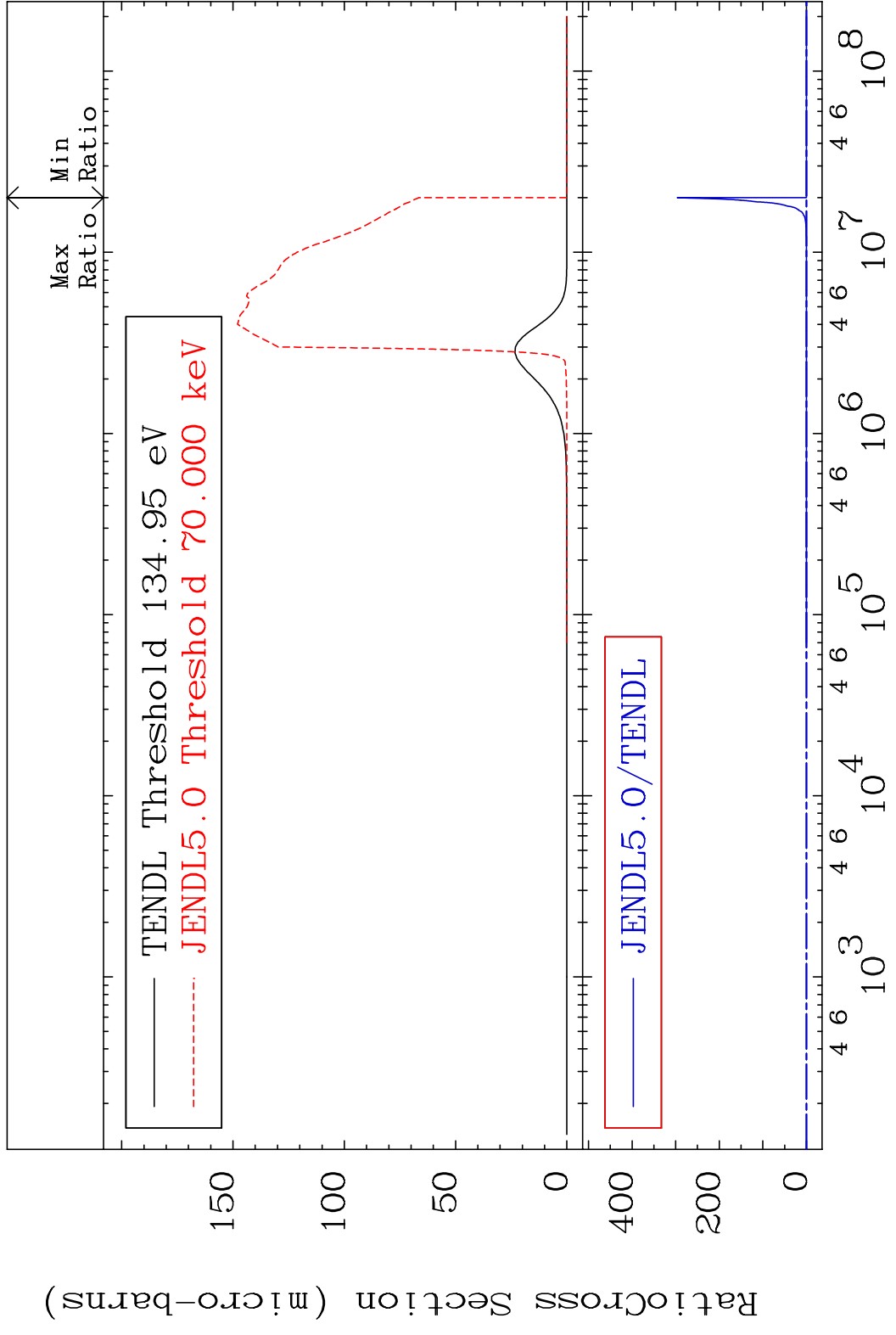
MAT 7929 MT= 68 (n, n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



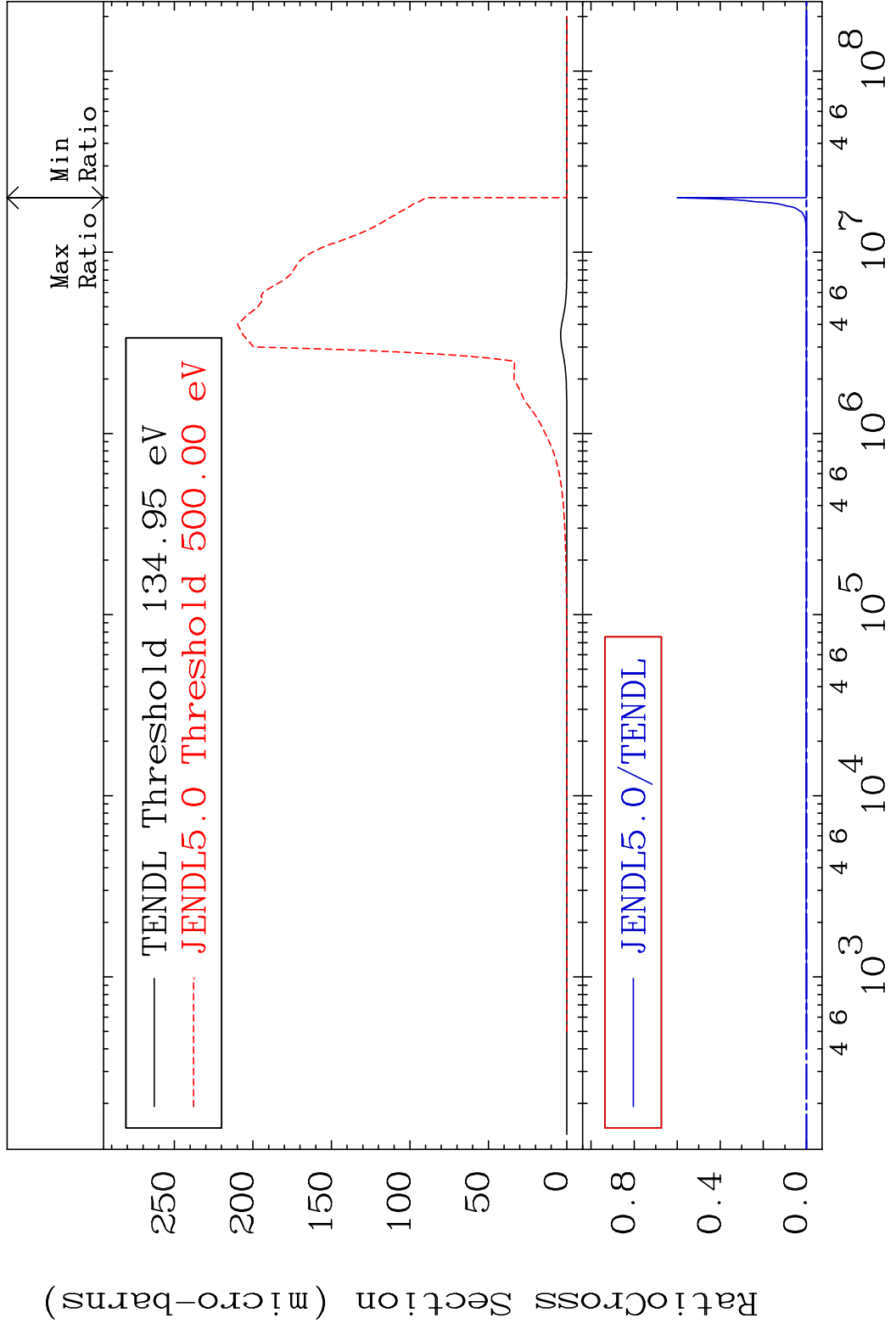
MAT 7929 MT= 69 (n,n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



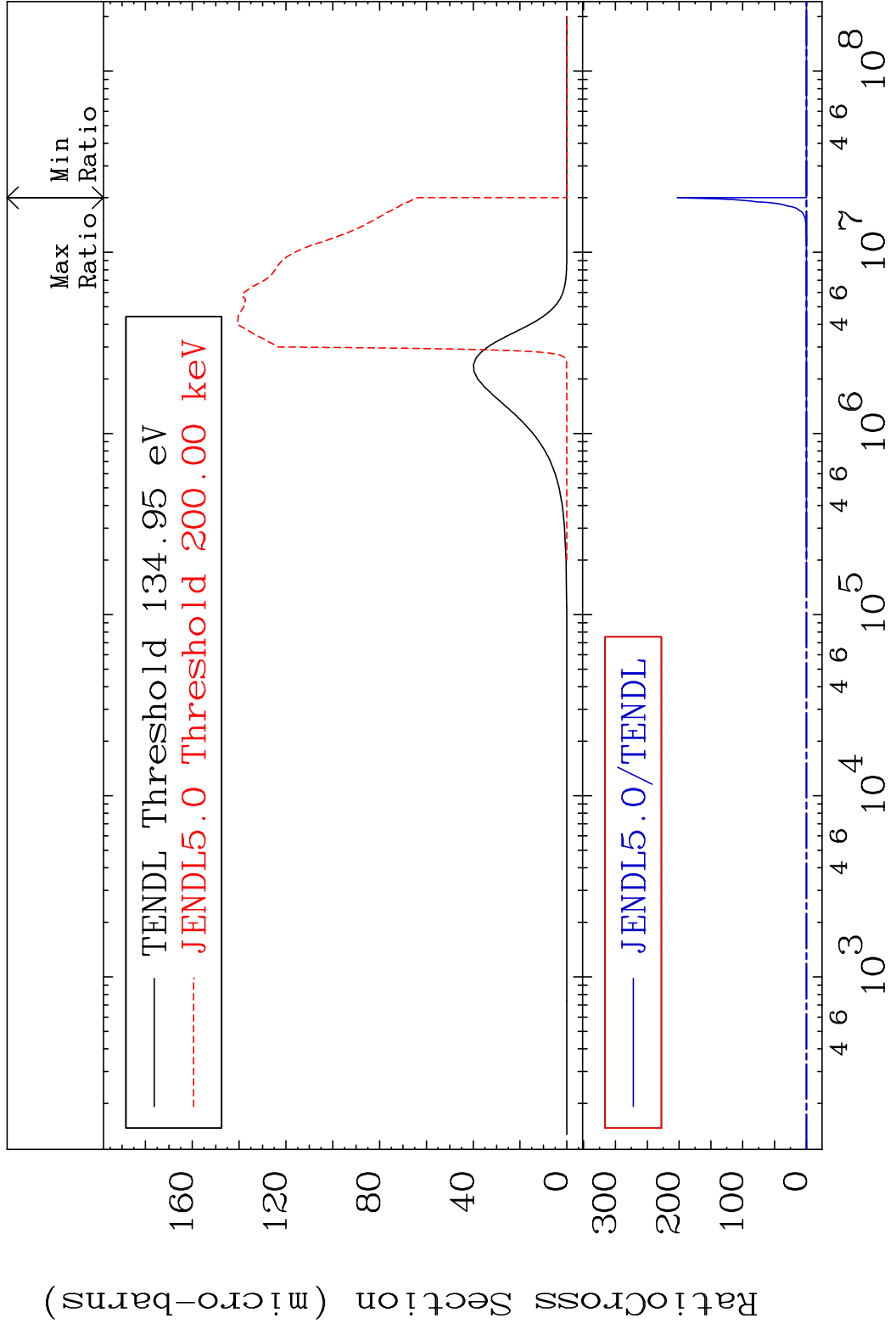
MAT 7929 MT= 70 (n,n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



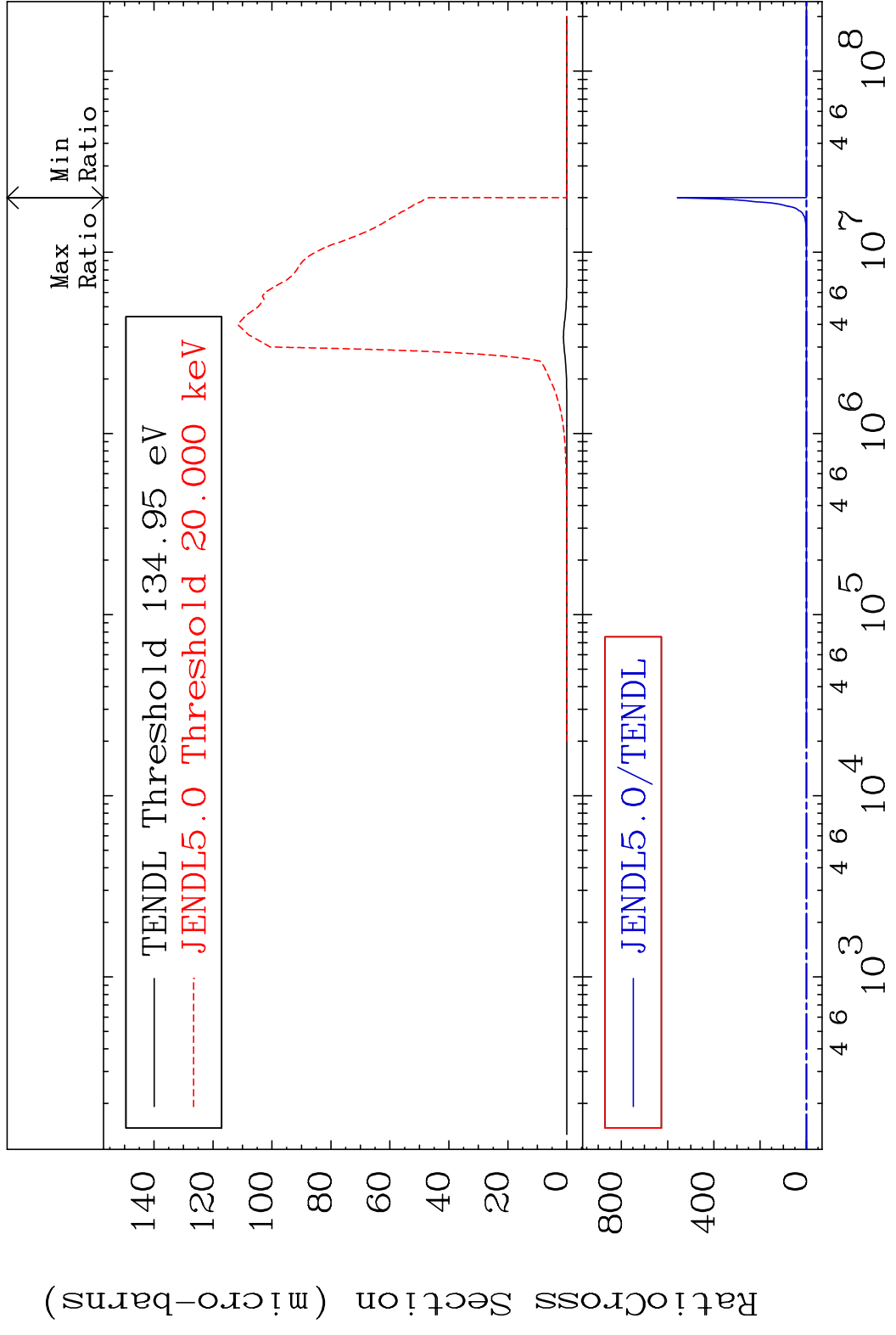
MAT 7929 MT= 71 (n,n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



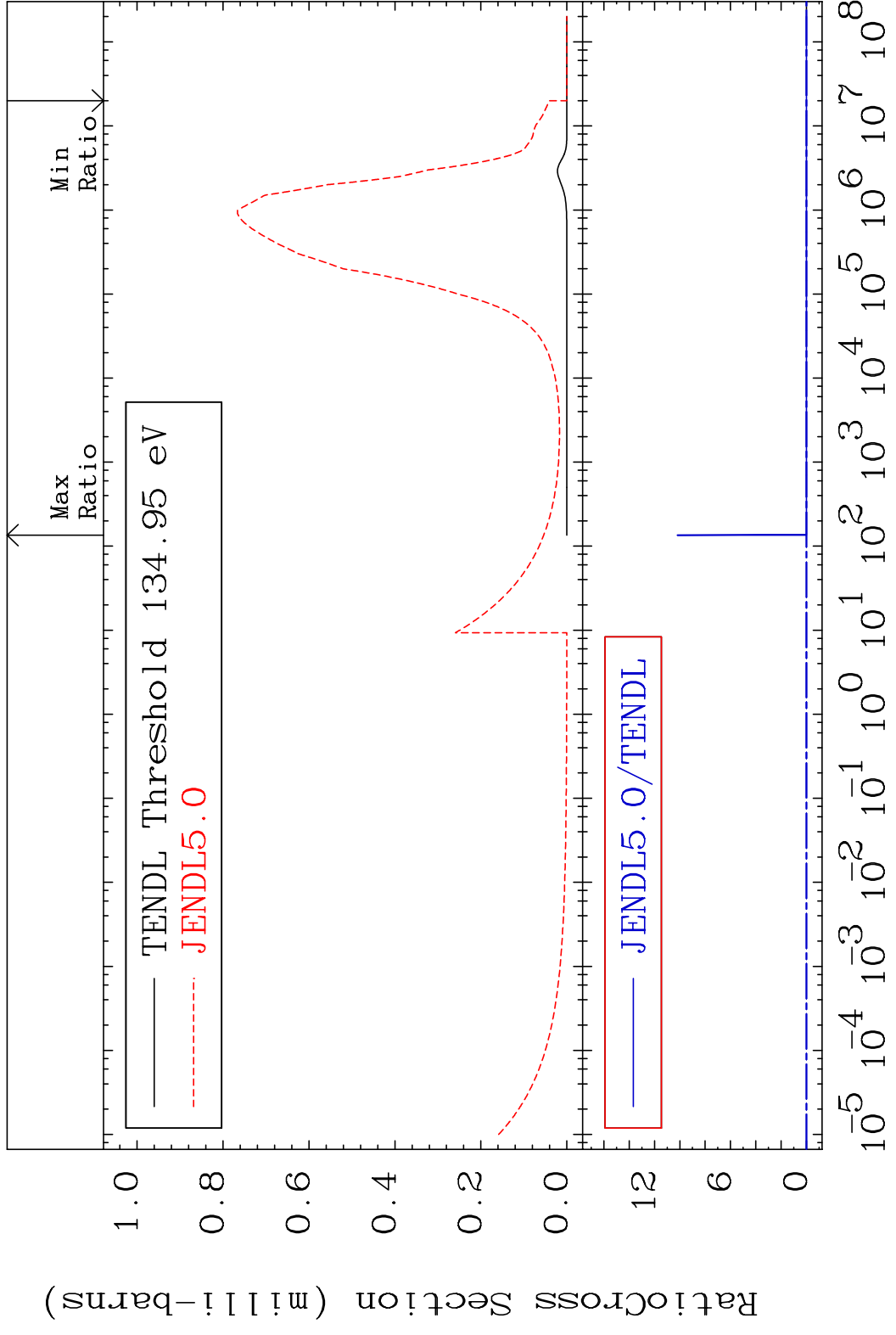
MAT 7929 MT= 72 (n, n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



MAT 7929 MT= 73 (n, n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %

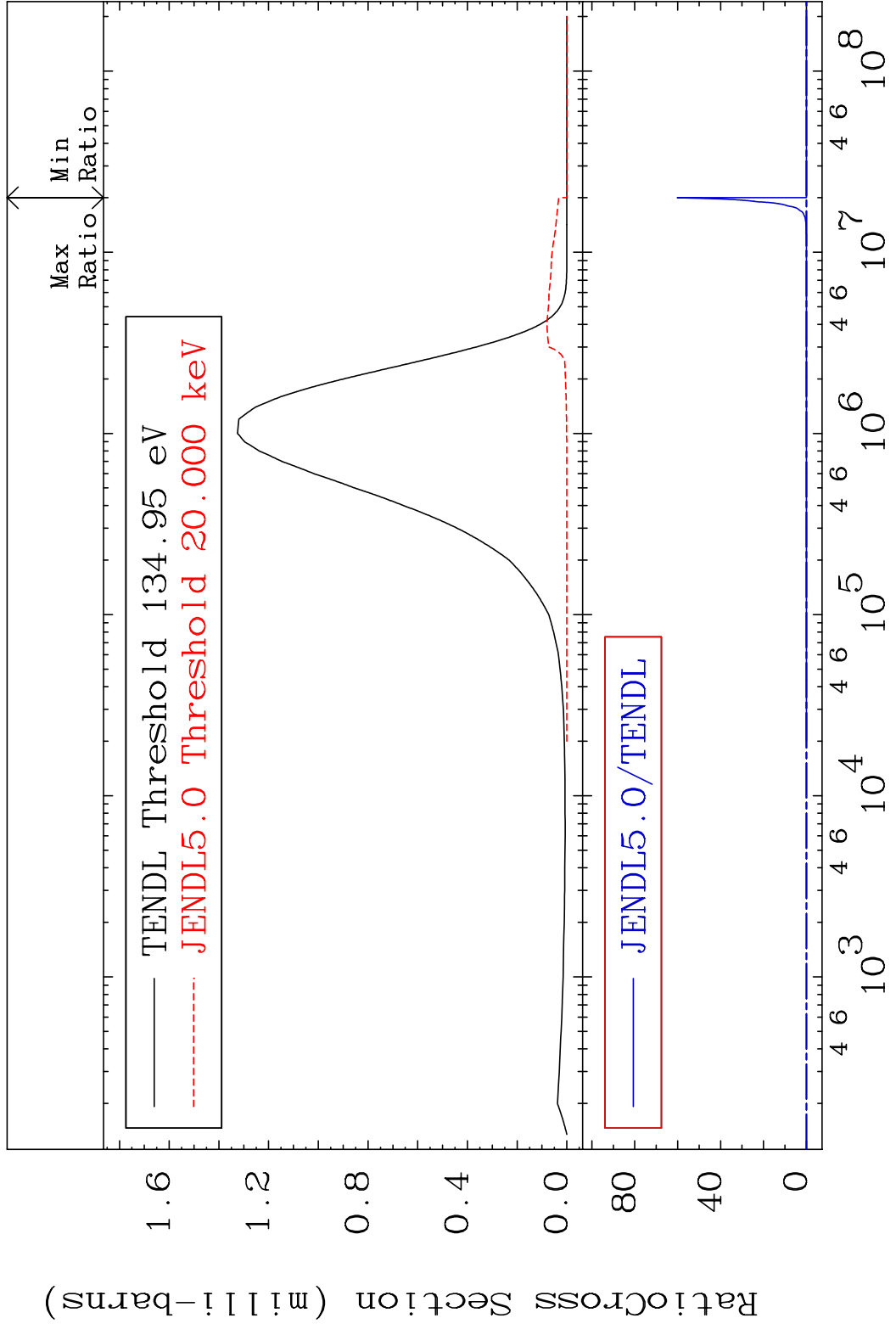


MAT 7929 MT= 74 (n,n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %

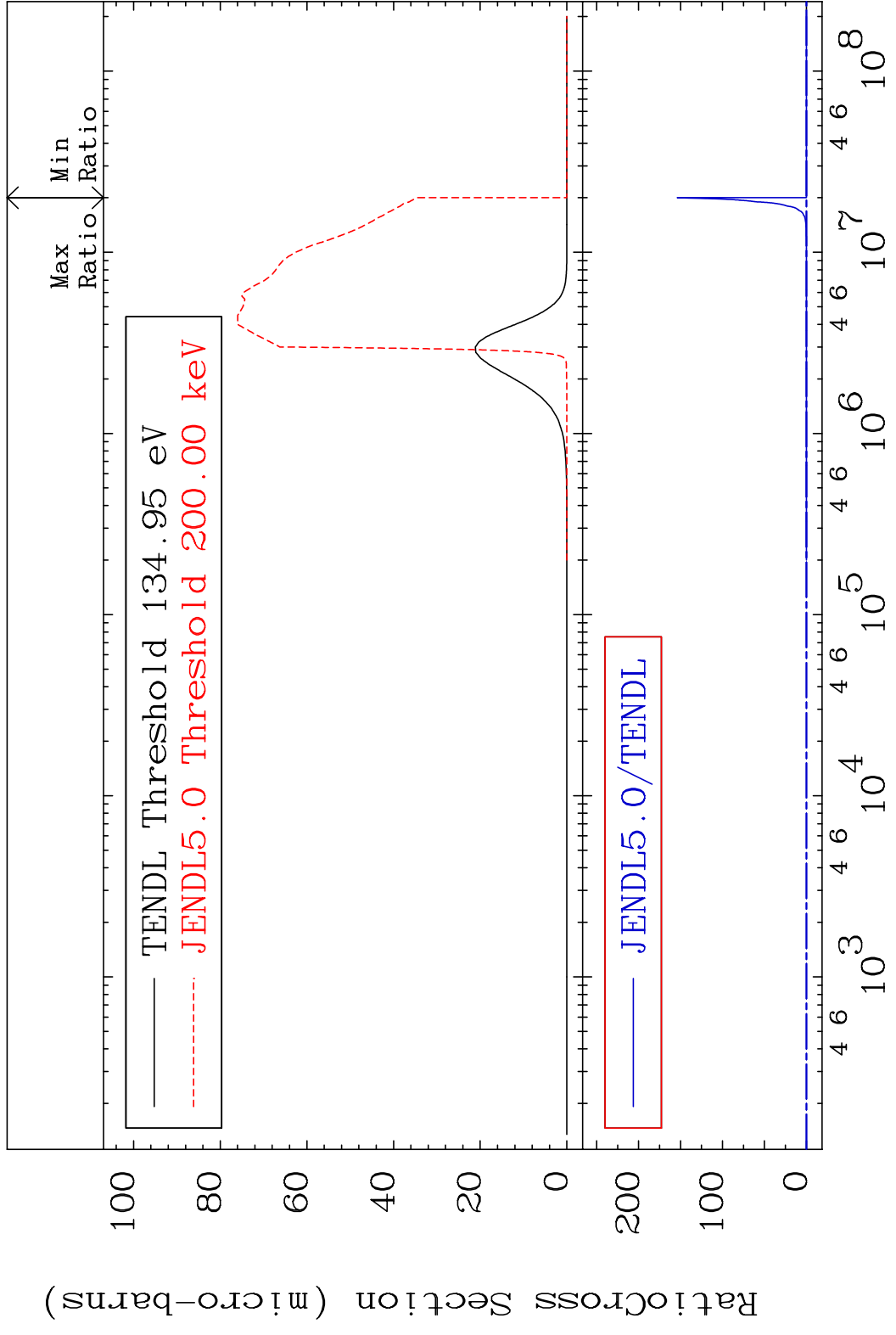


35 Incident Energy (eV) 79-Au-198m

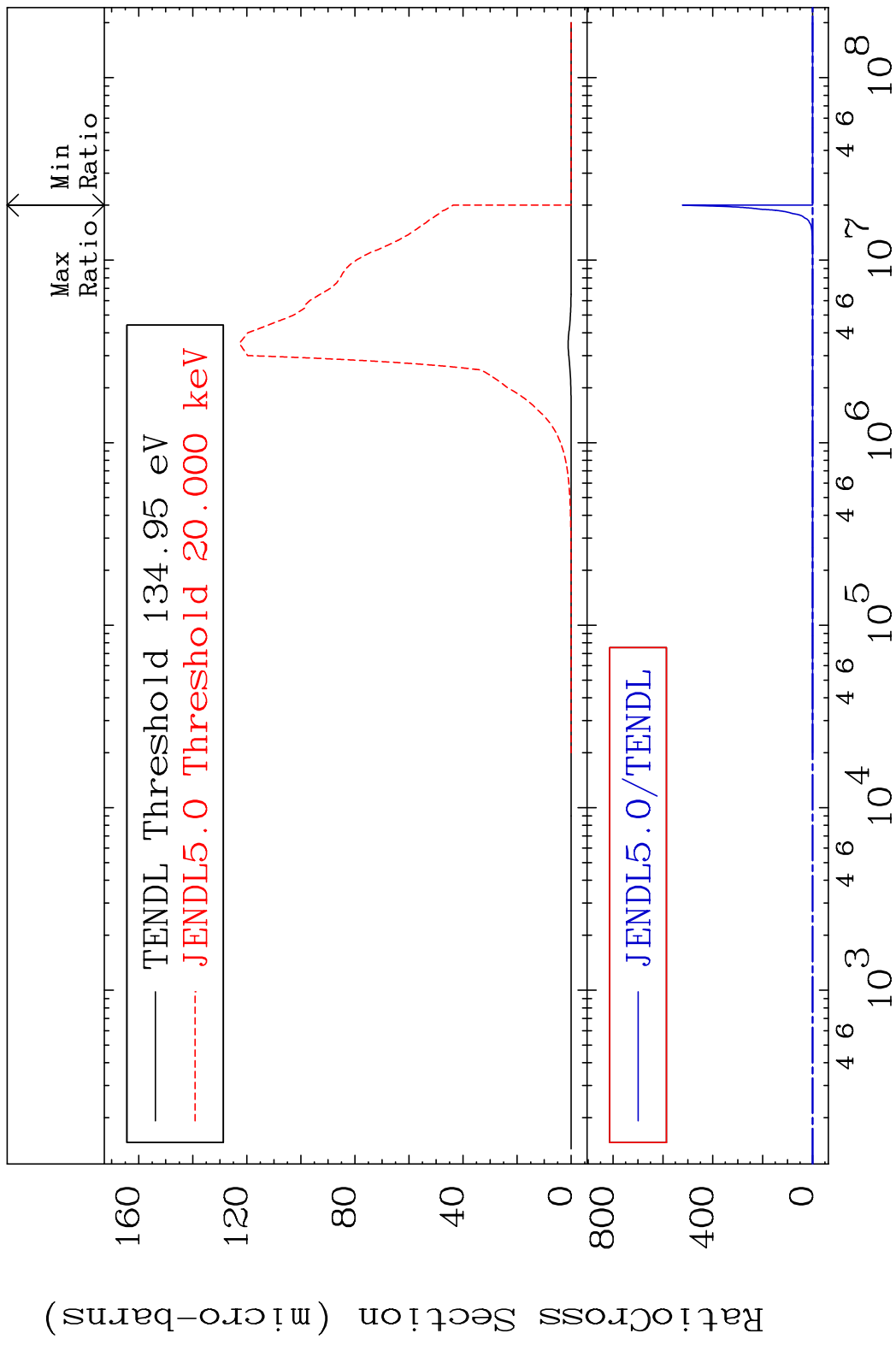
MAT 7929 MT= 75 (n,n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



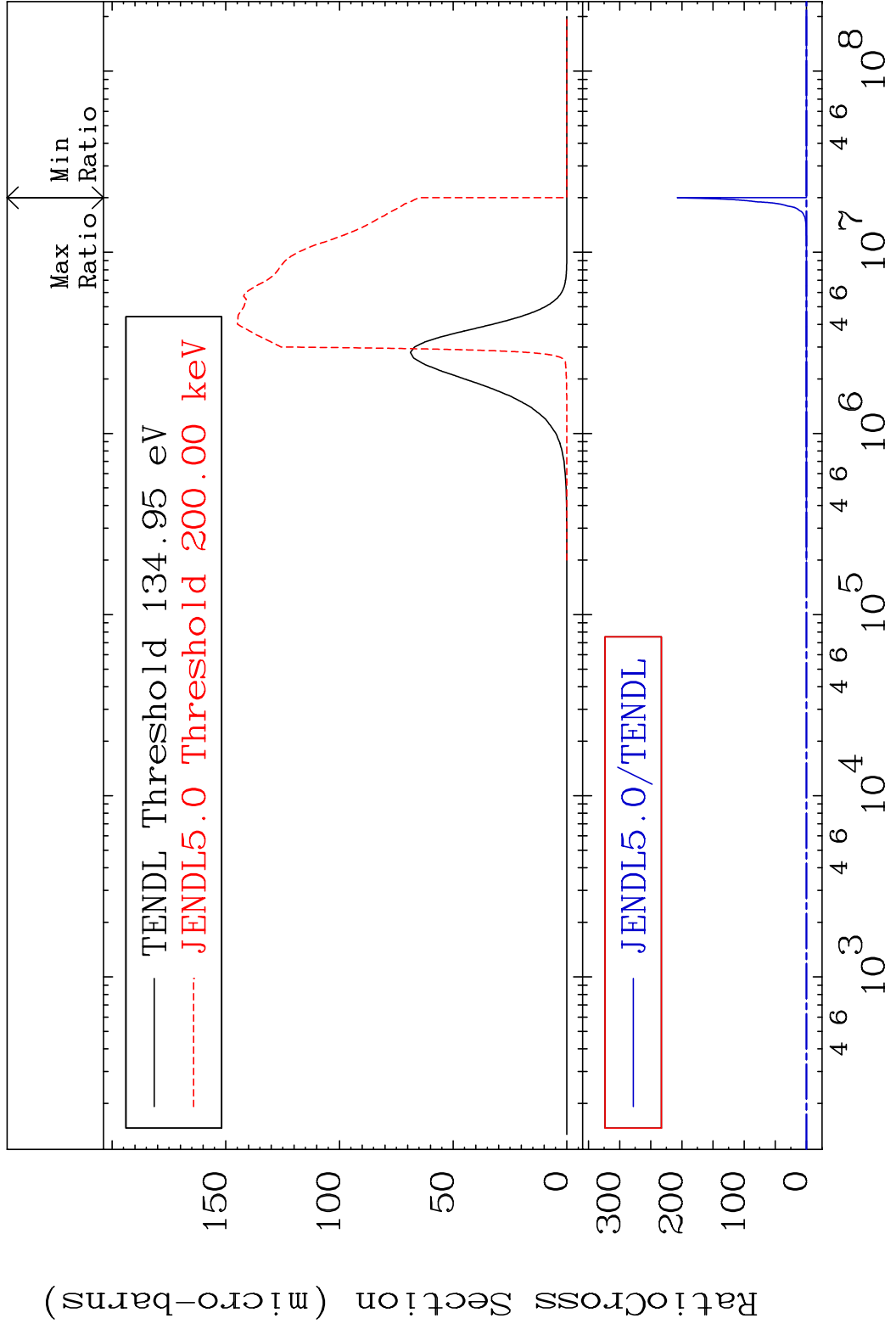
MAT 7929 MT= 76 (n, n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



MAT 7929 MT= 77 (n,n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %

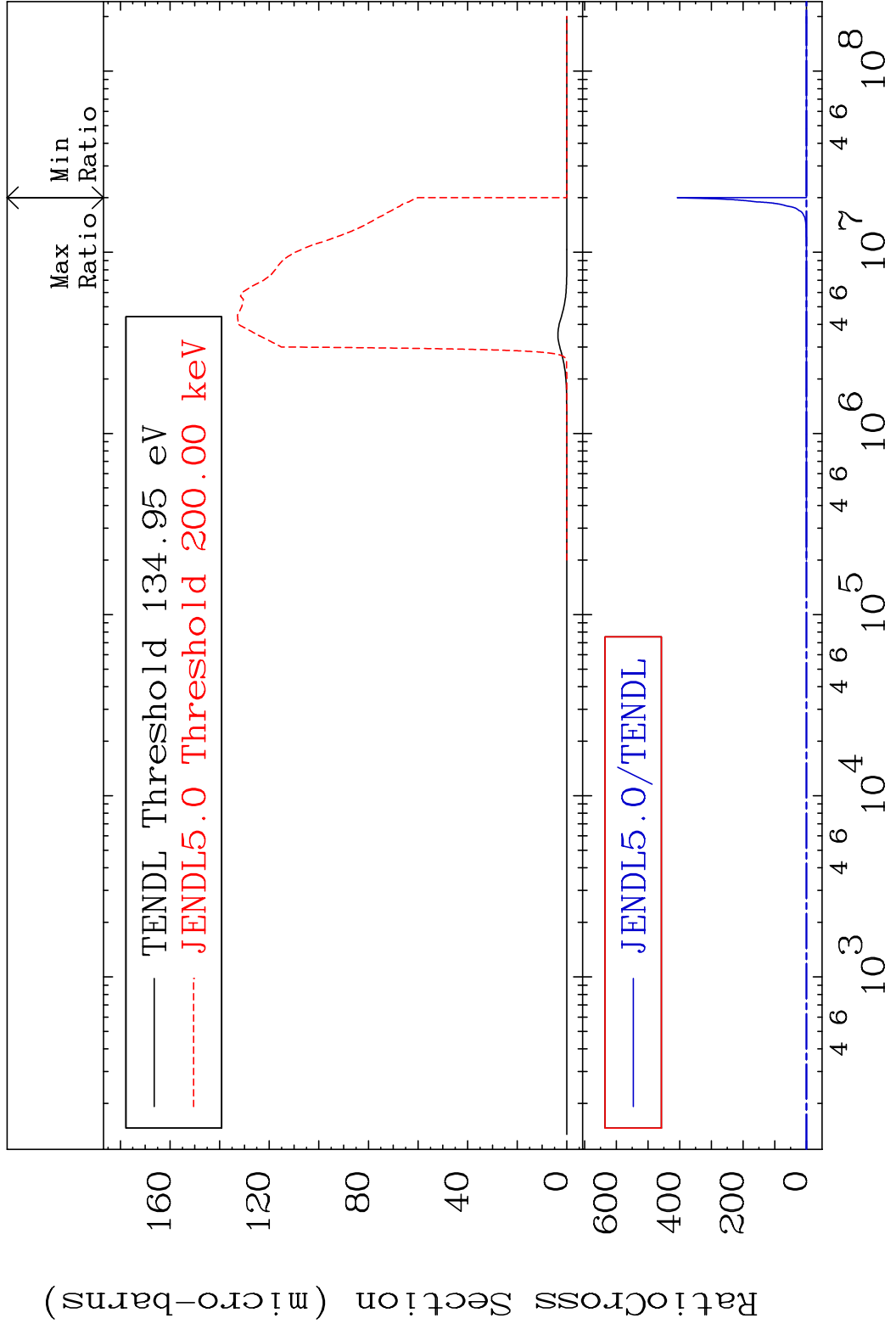


MAT 7929 MT= 78 (n,n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %

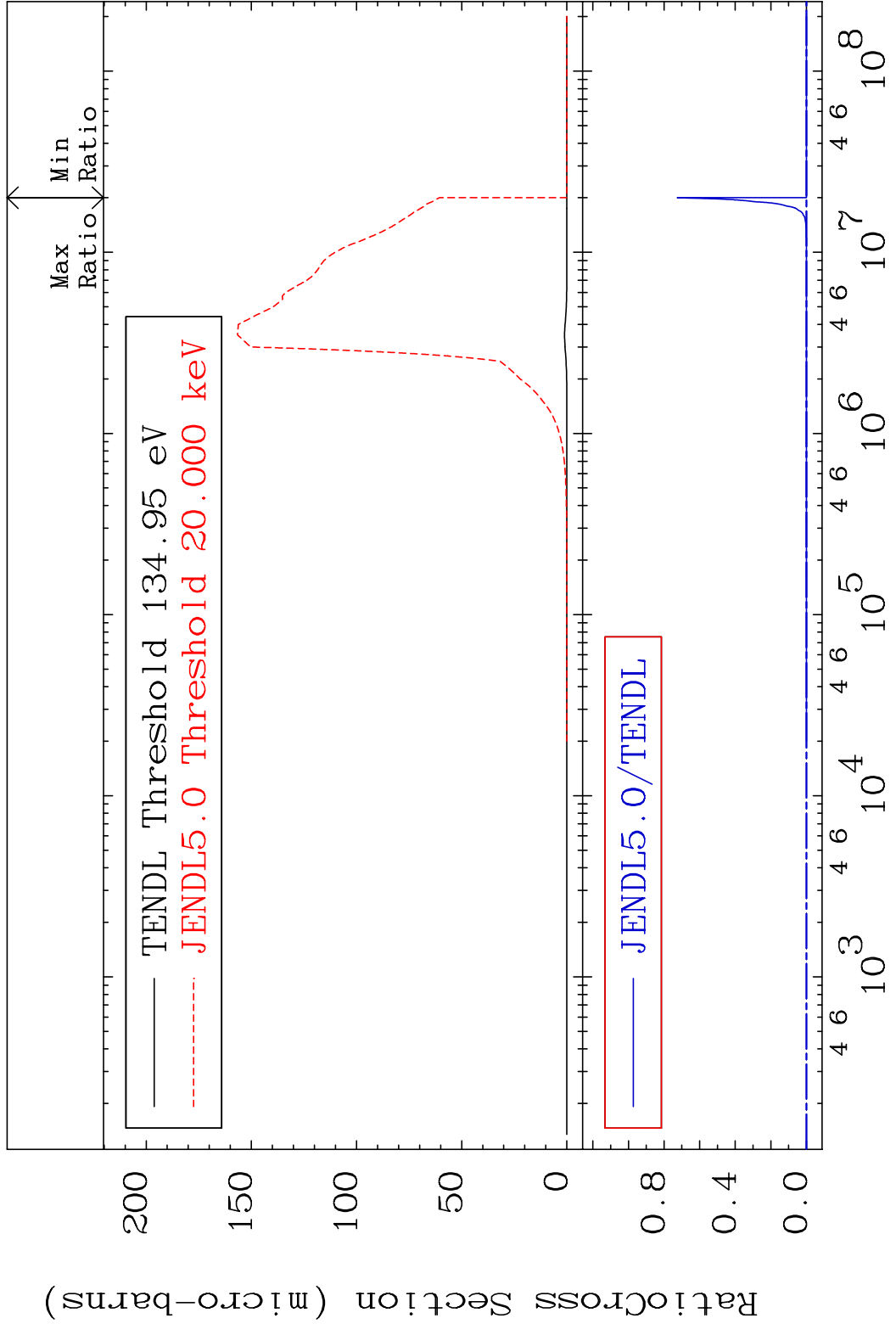


39 Incident Energy (eV) 79-Au-198m

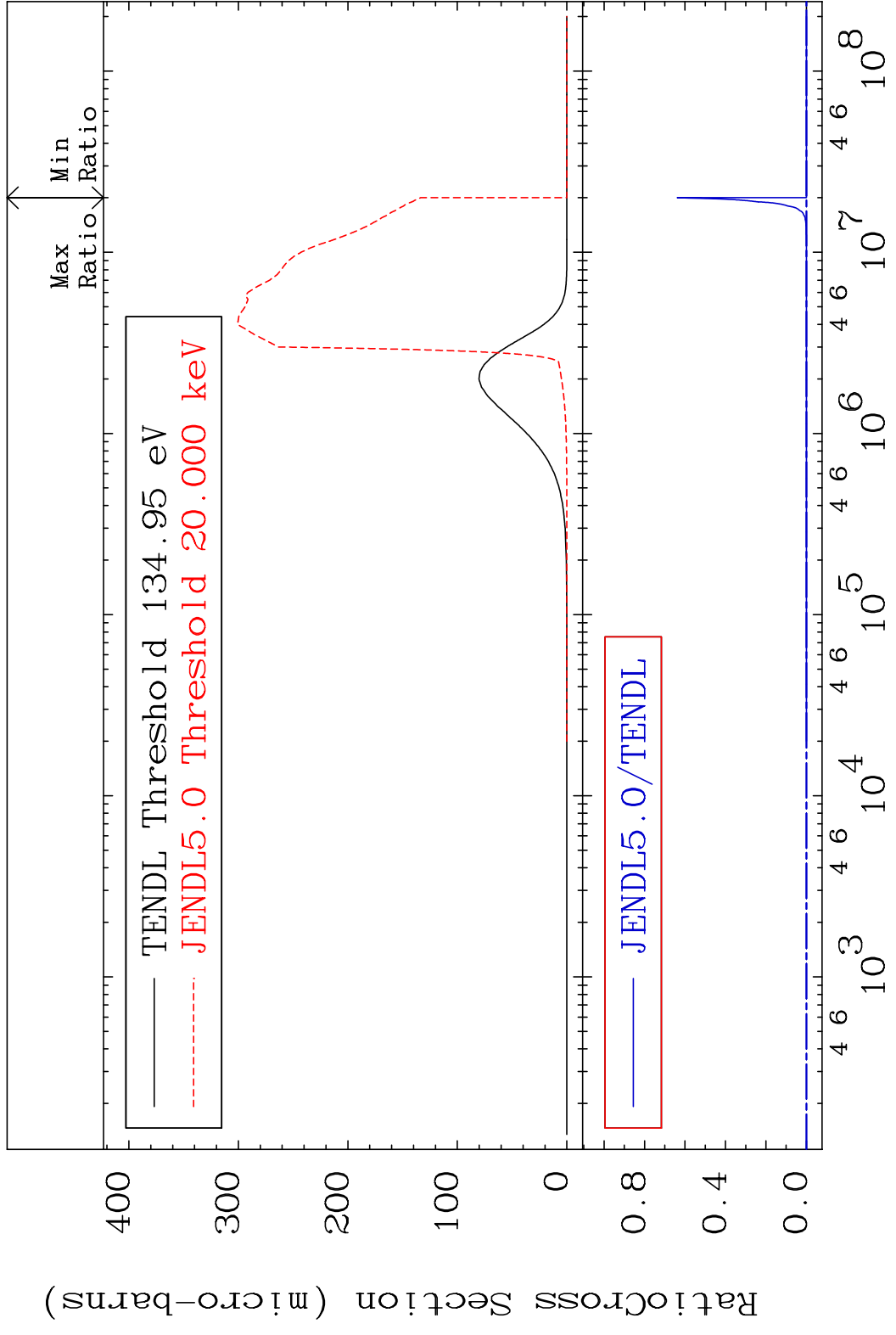
MAT 7929 MT= 79 (n, n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



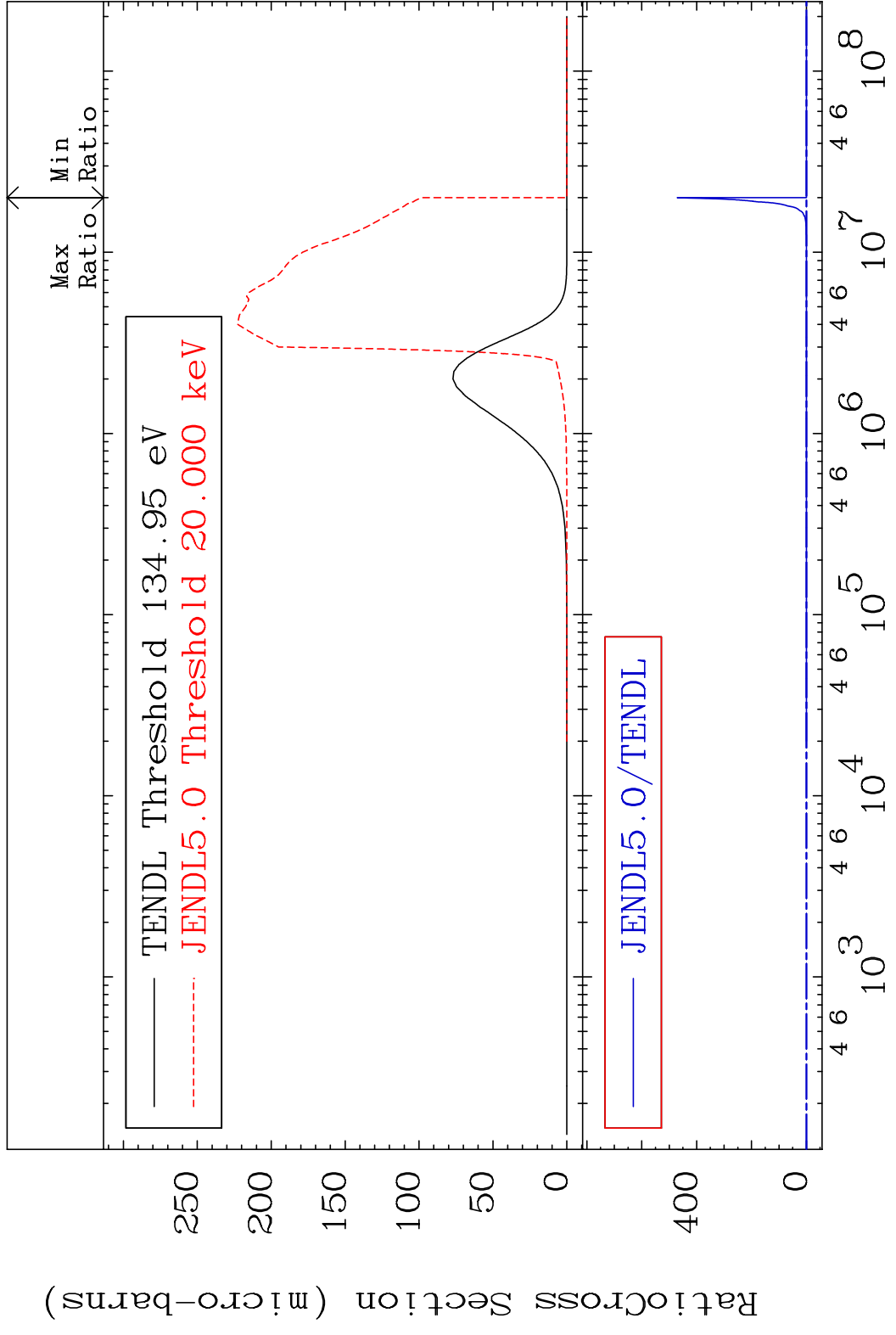
MAT 7929 MT= 80 (n, n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



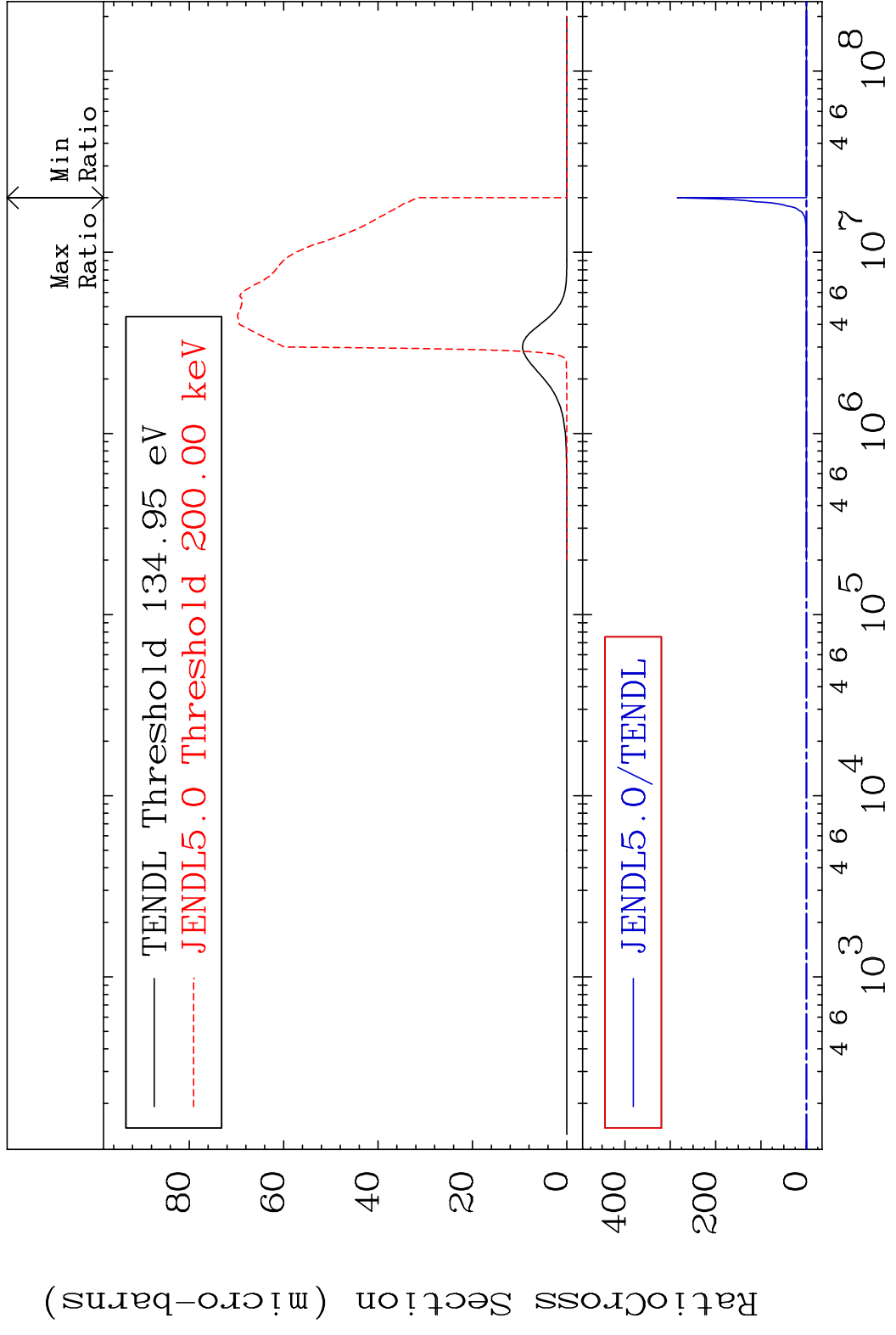
MAT 7929 MT= 81 (n,n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



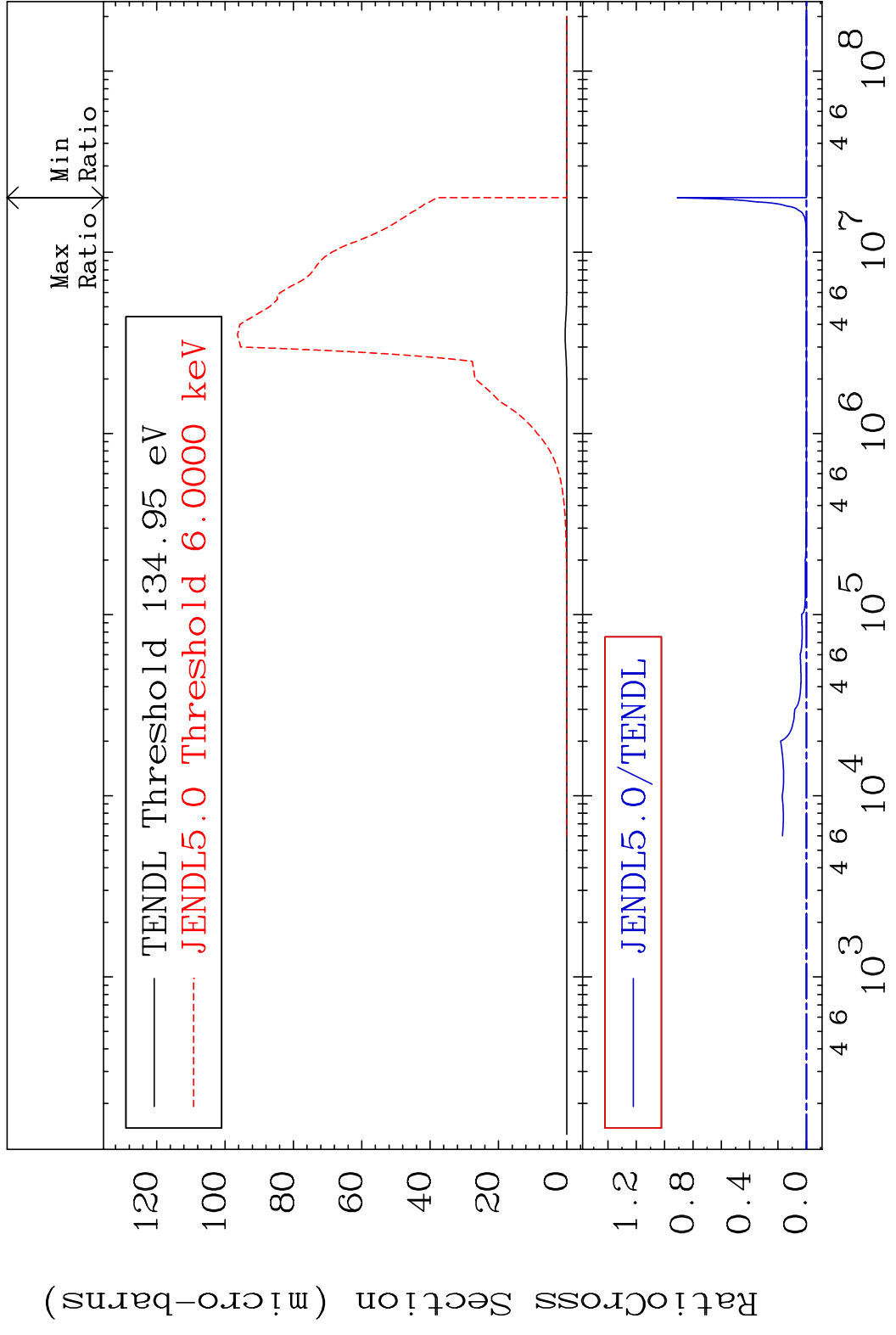
MAT 7929 MT= 82 (n, n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



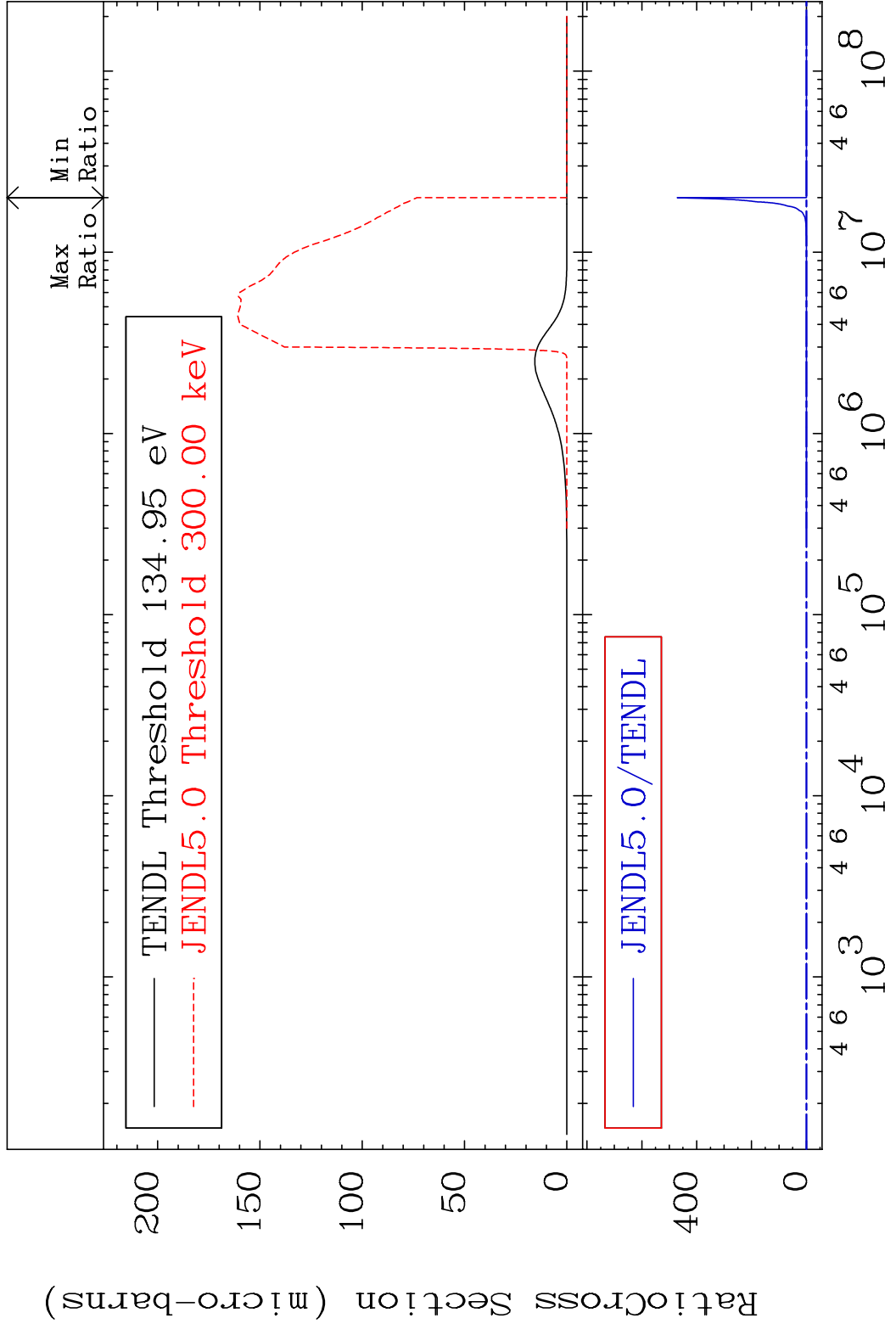
MAT 7929 MT= 83 (n, n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



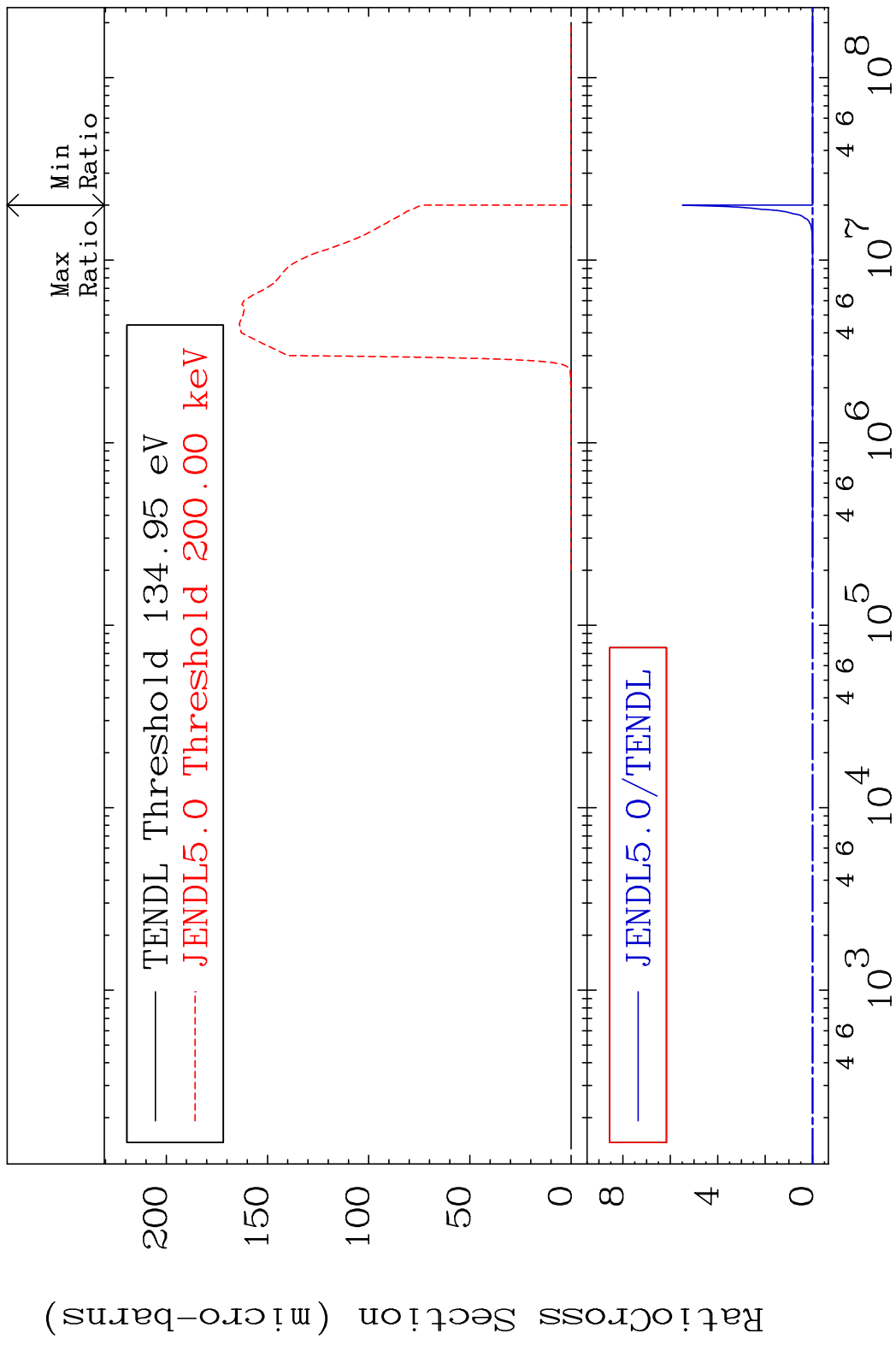
MAT 7929 MT= 84 (n,n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



MAT 7929 MT= 85 (n,n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %

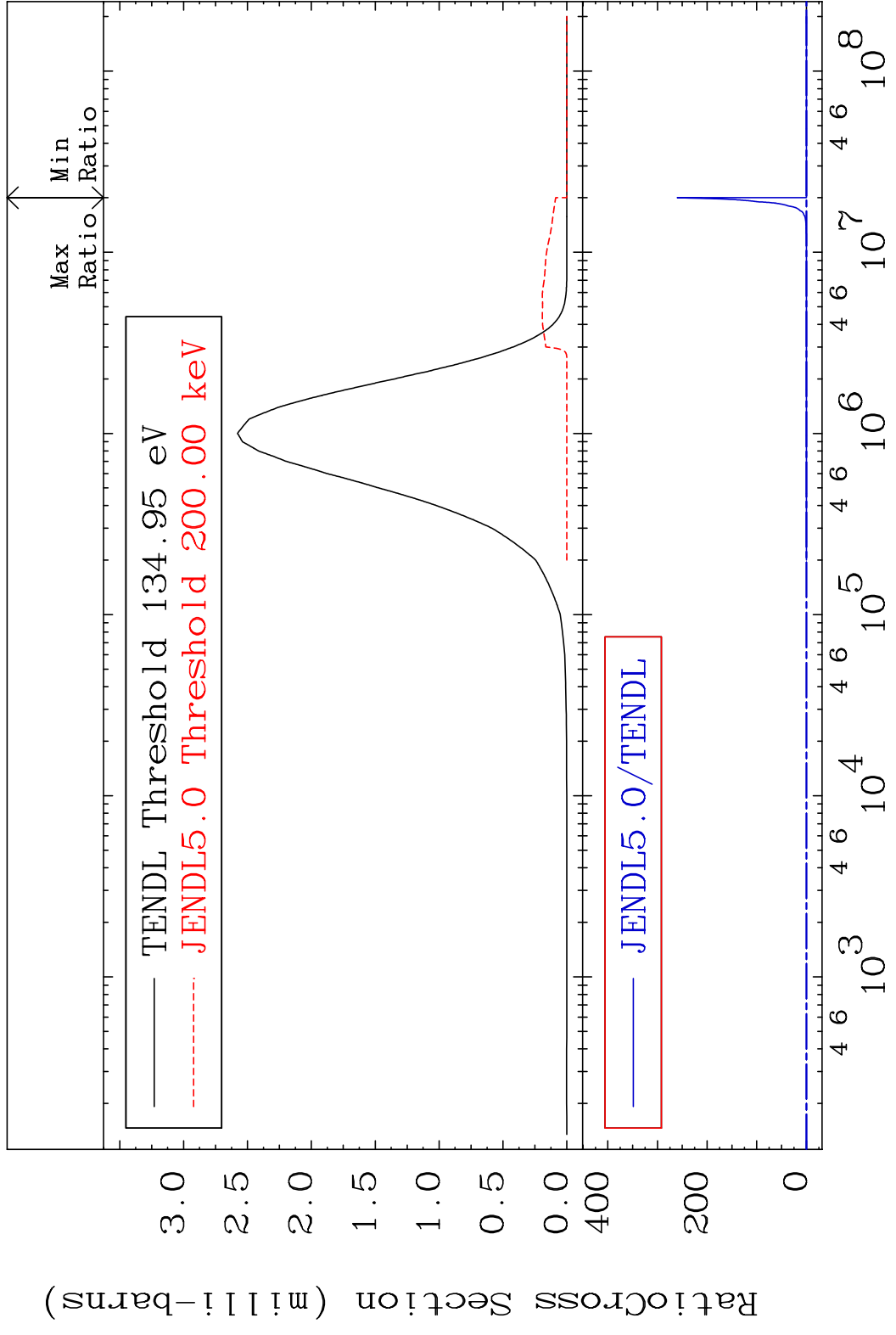


MAT 7929 MT= 86 (n,n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %

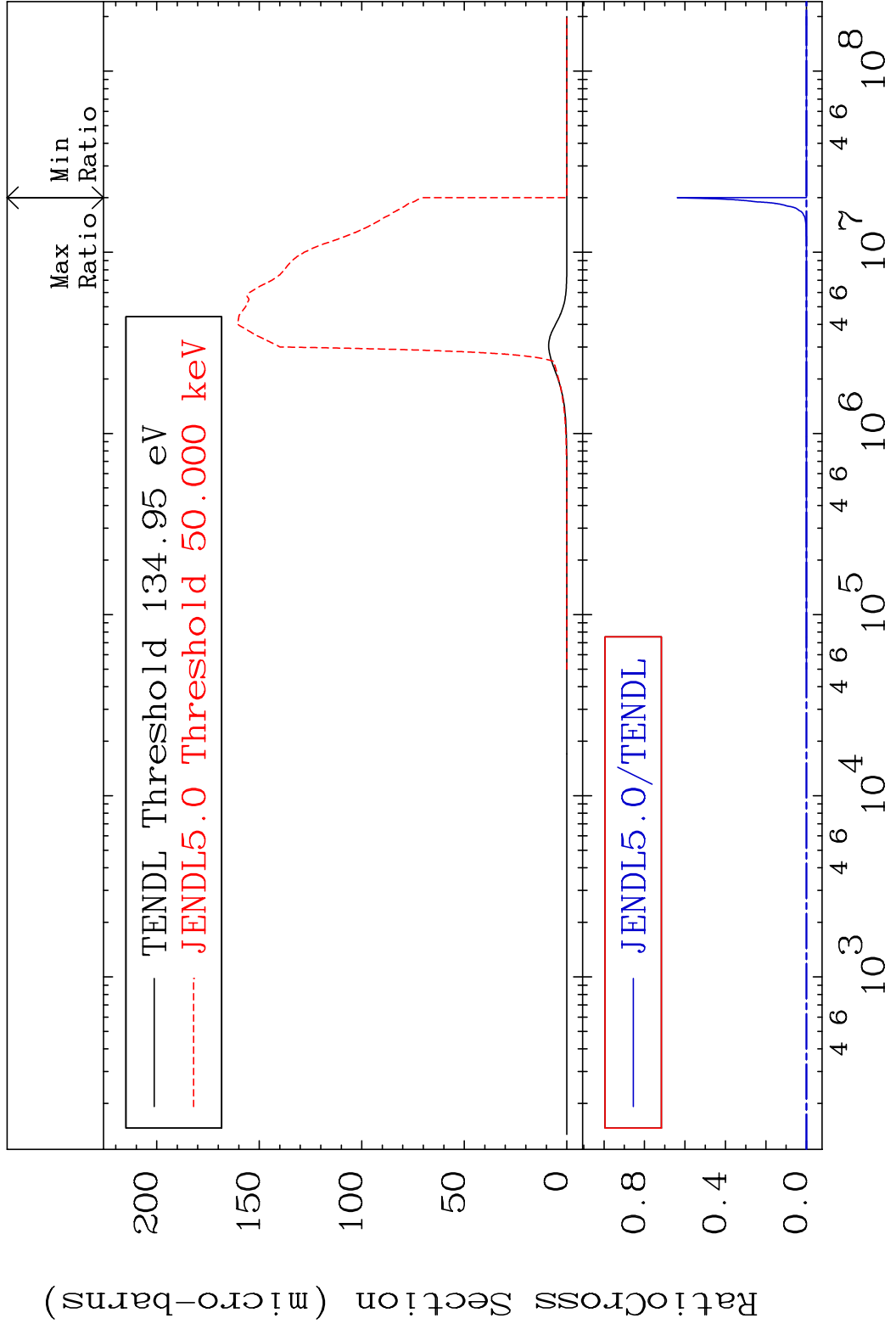


47 Incident Energy (eV) 79-Au-198m

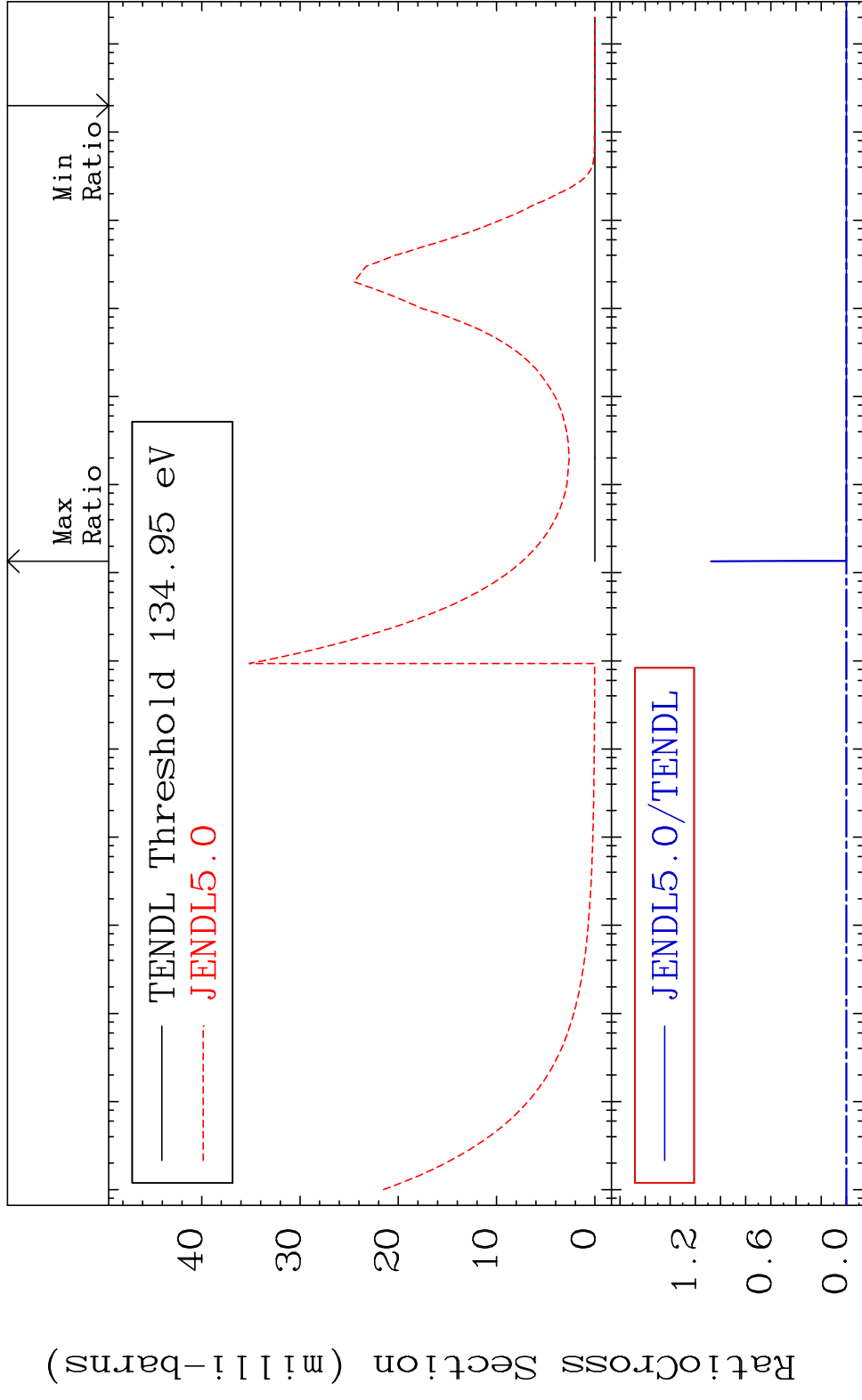
MAT 7929 MT= 87 (n, n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



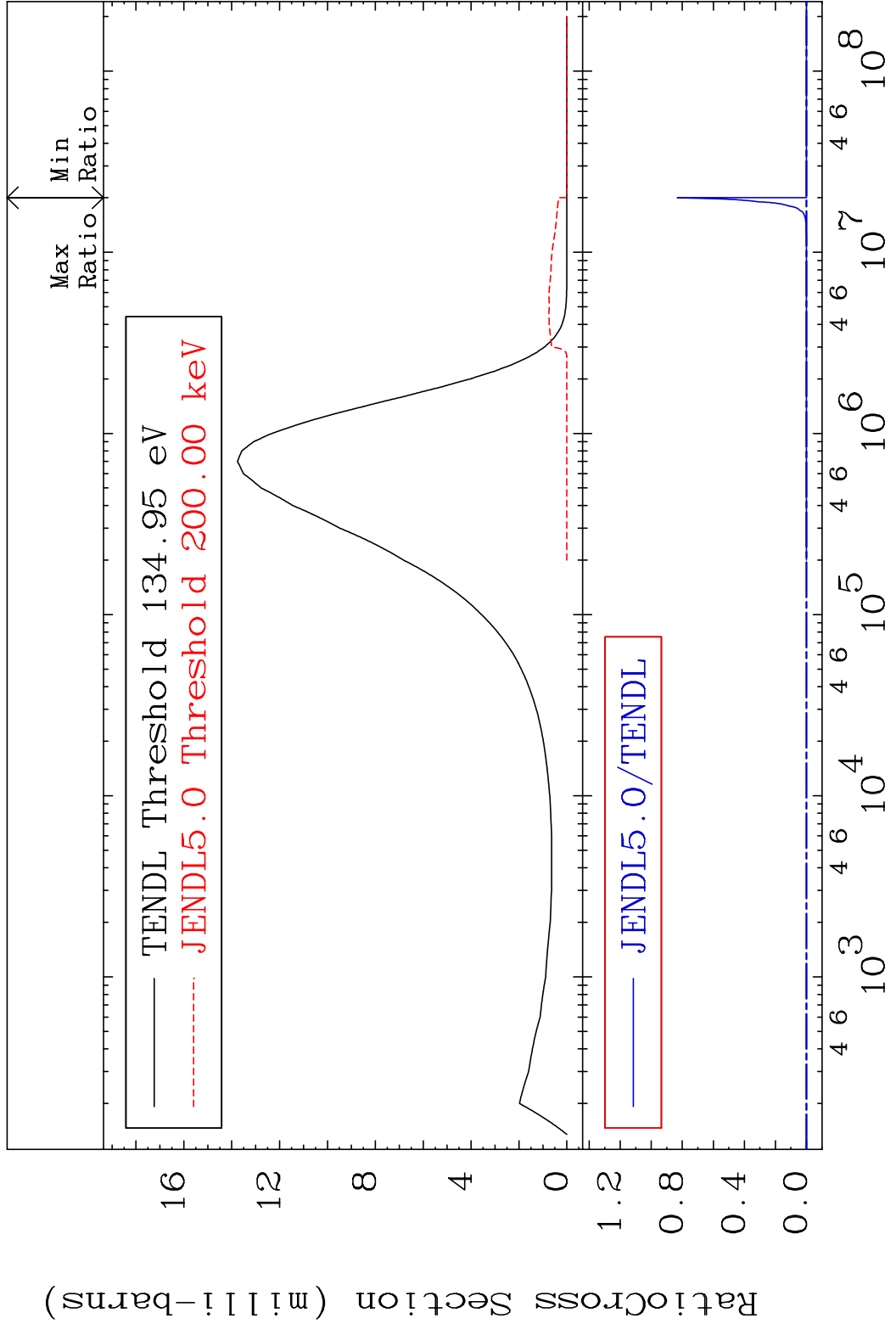
MAT 7929 MT= 88 (n,n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



MAT 7929 MT= 89 (n, n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %

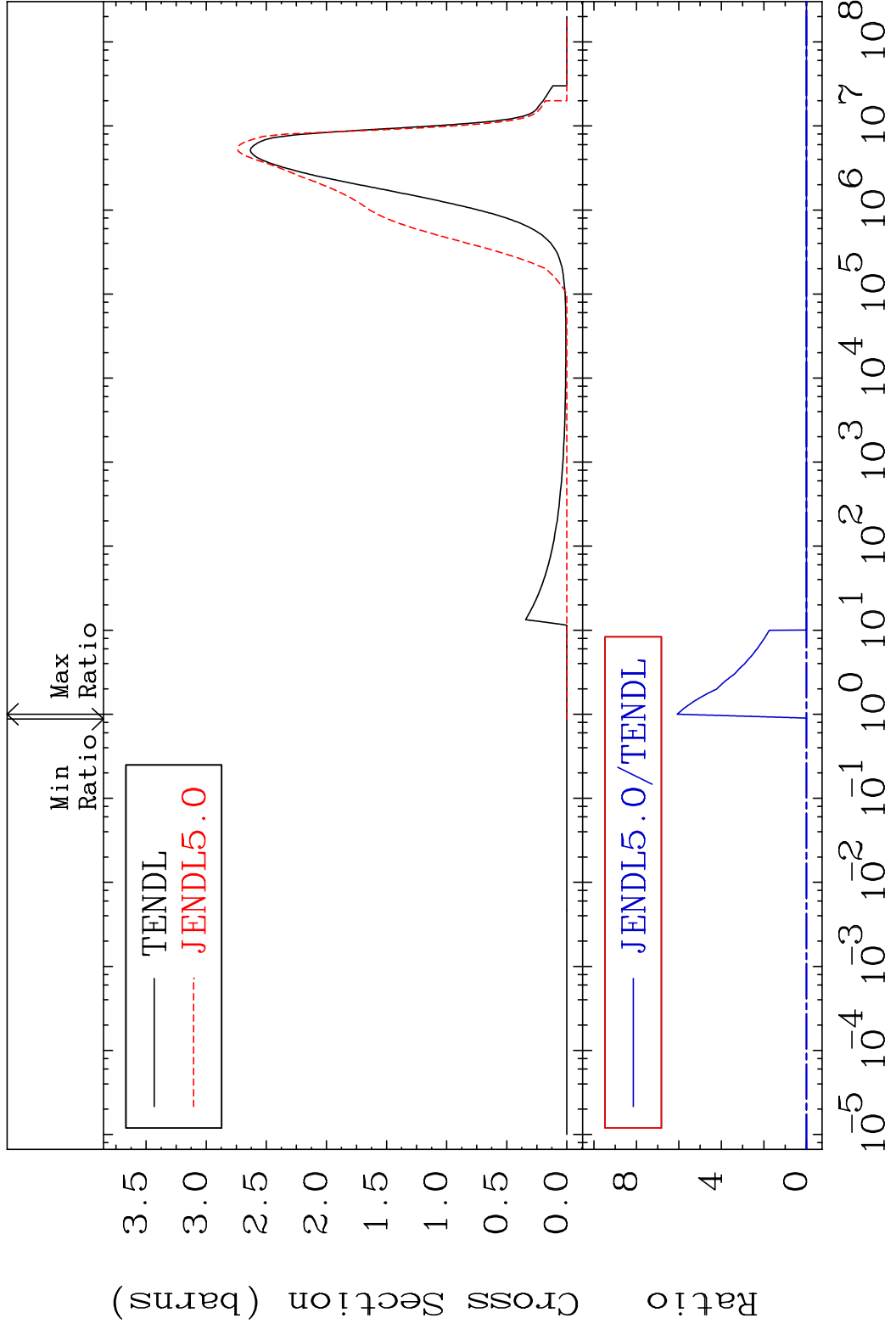


MAT 7929 MT= 90 (n,n') Level 79-Au-198m
 Cross Section -100.0 To 9999. %



MAT 7929

(n, n') Continuum 79-Au-198m
Cross Section -100.0 To 9999. %

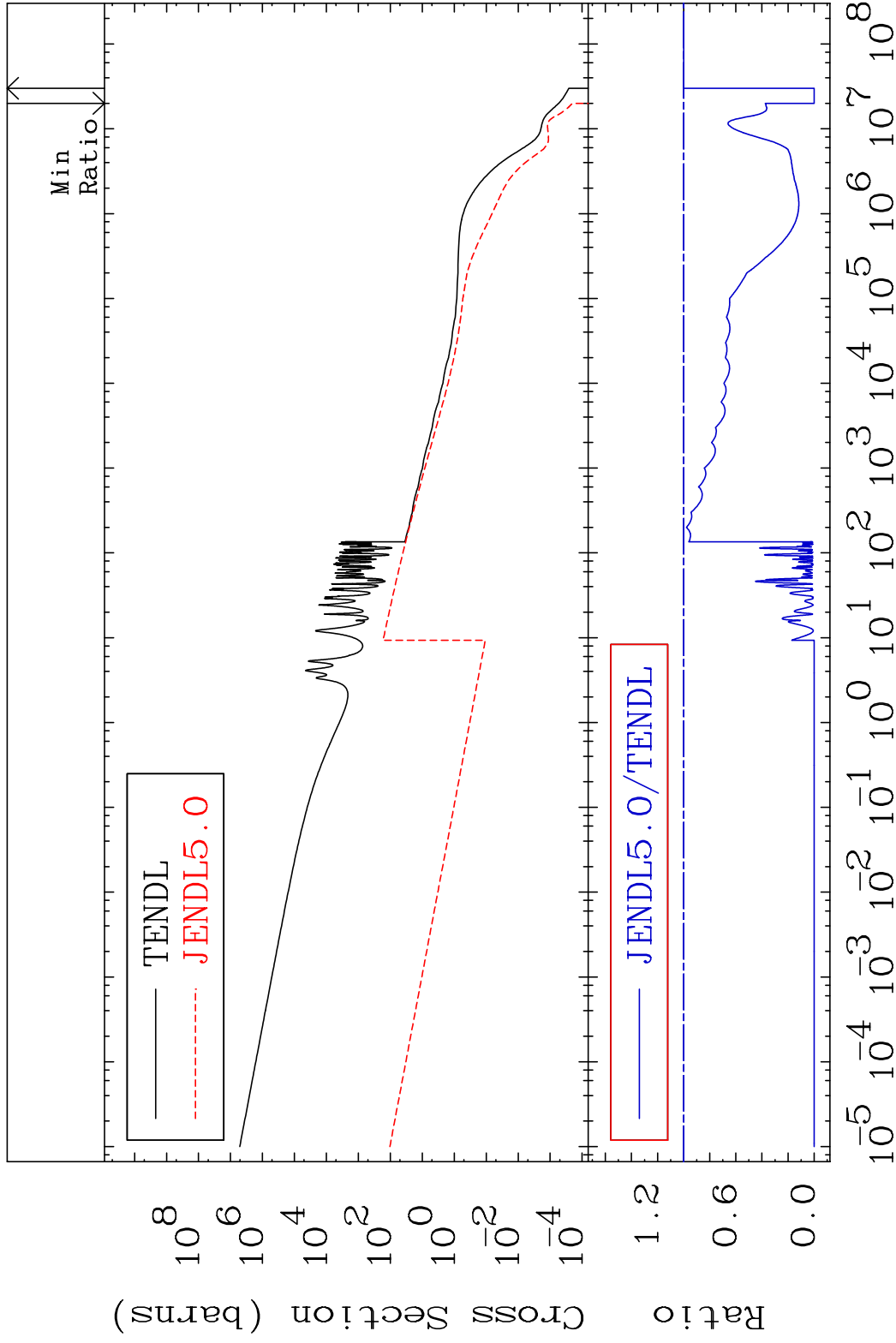


MAT 7929

(n, γ)

79-Au-198m

Cross Section -100.0 To 0.000 %



53

Incident Energy (eV)

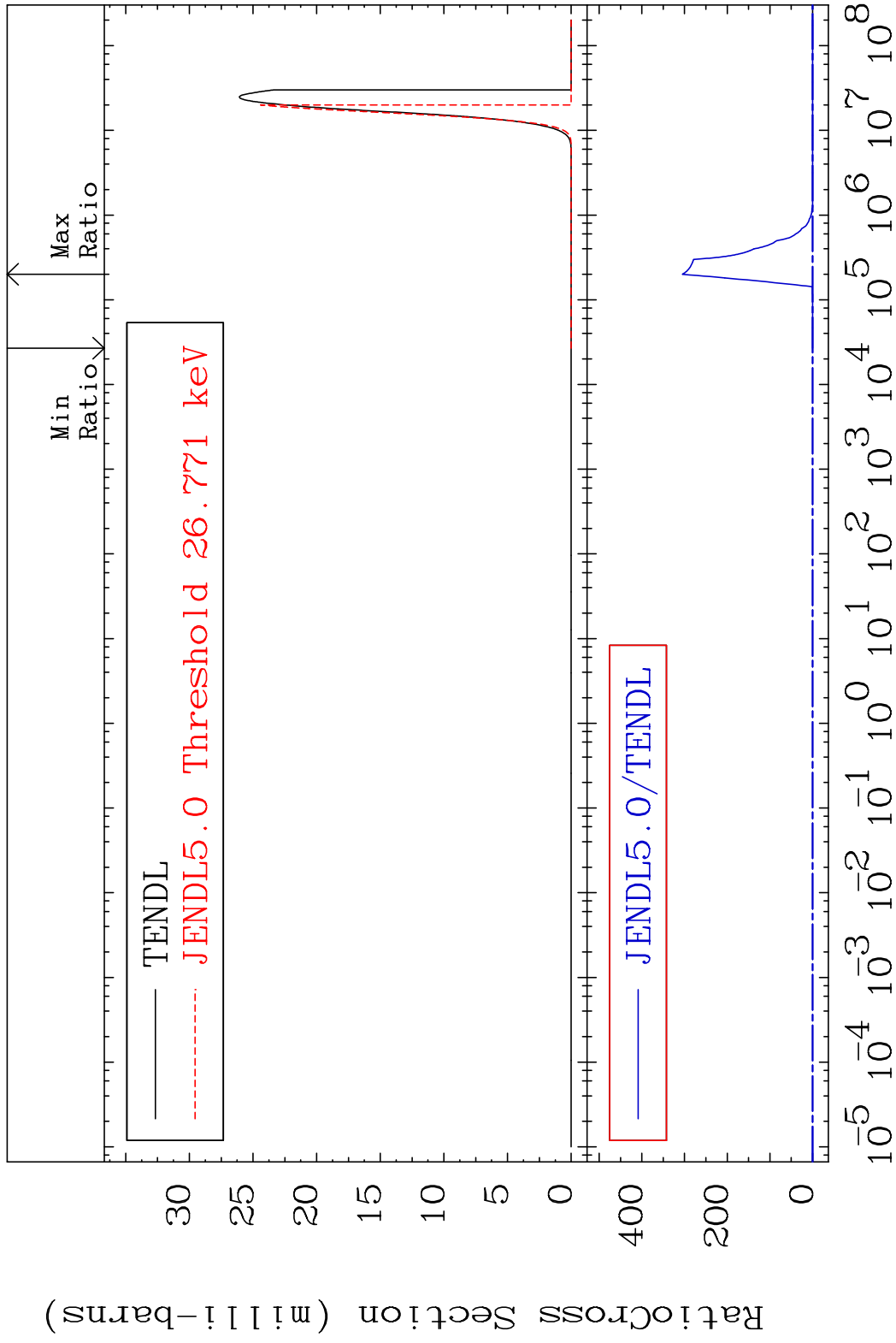
79-Au-198m

MAT 7929

(n, p)

79-Au-198m

Cross Section -100.0 To 9999. %



54

Incident Energy (eV)

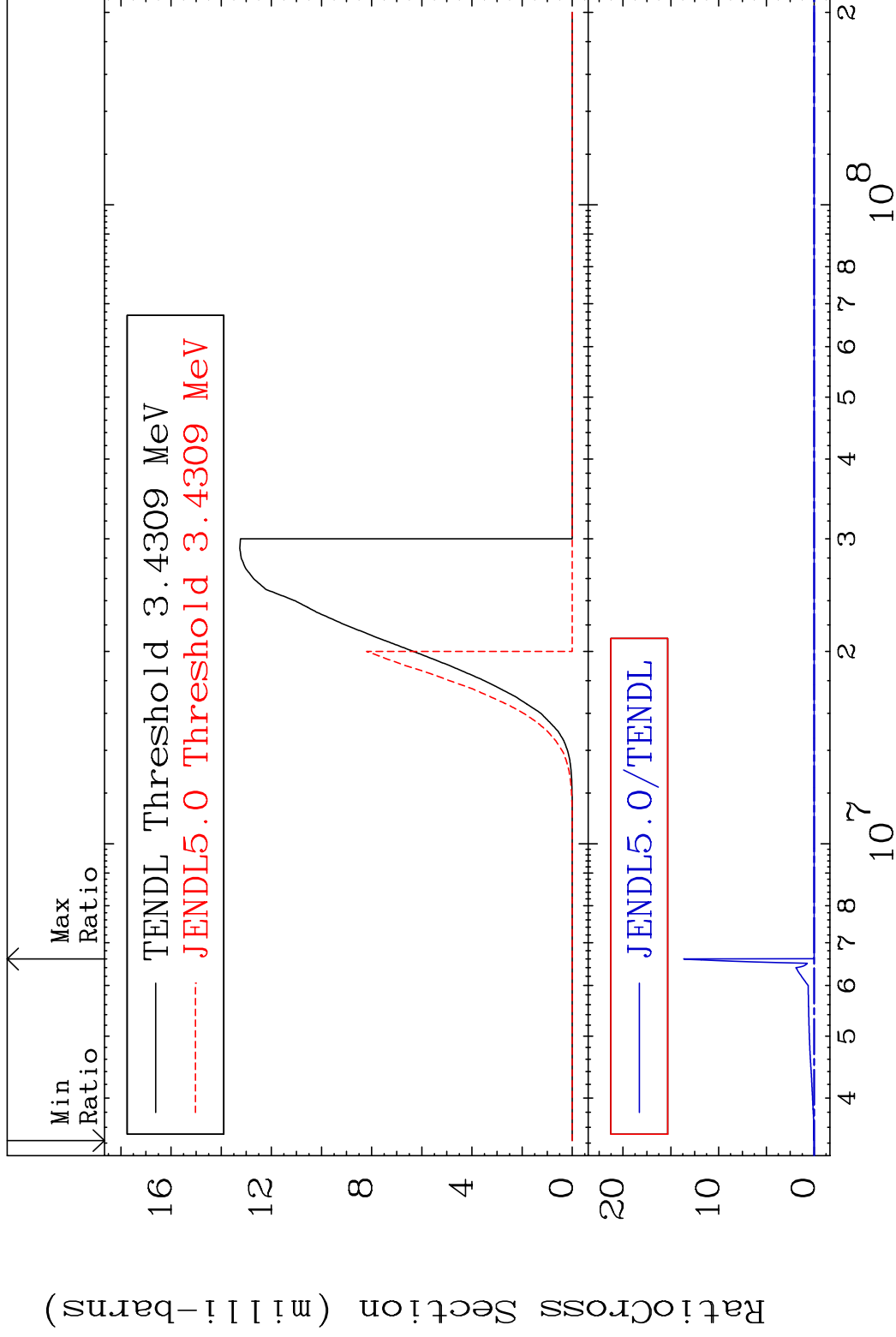
79-Au-198m

MAT 7929

(n, d)

79-Au-198m

Cross Section -100.0 To 9999. %



55

Incident Energy (eV)

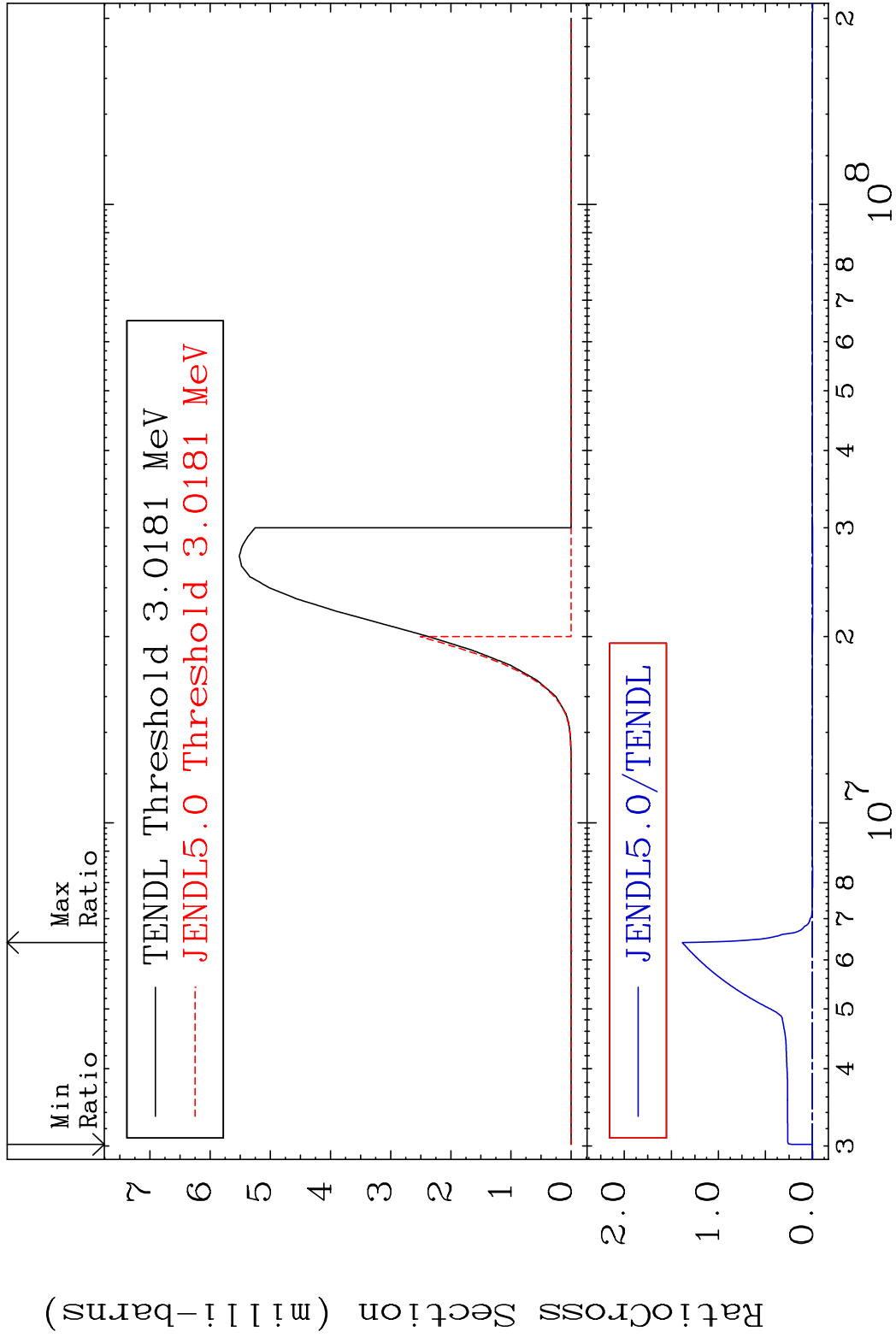
79-Au-198m

MAT 7929

(n, t)

79-Au-198m

Cross Section -100.0 To 9999. %

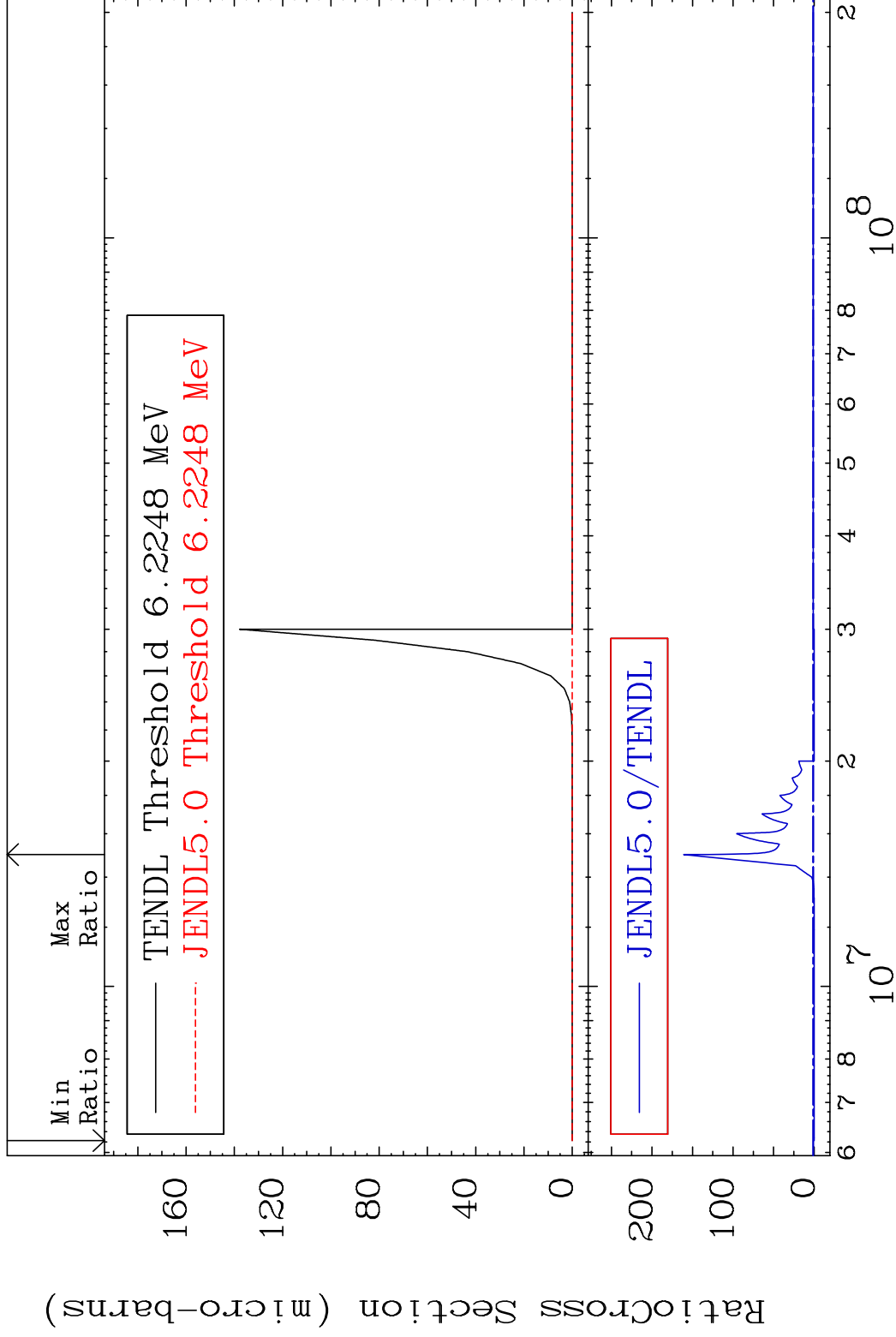


MAT 7929

(n, He-3)

79-Au-198m

Cross Section -100.0 To 9999. %



57

Incident Energy (eV)

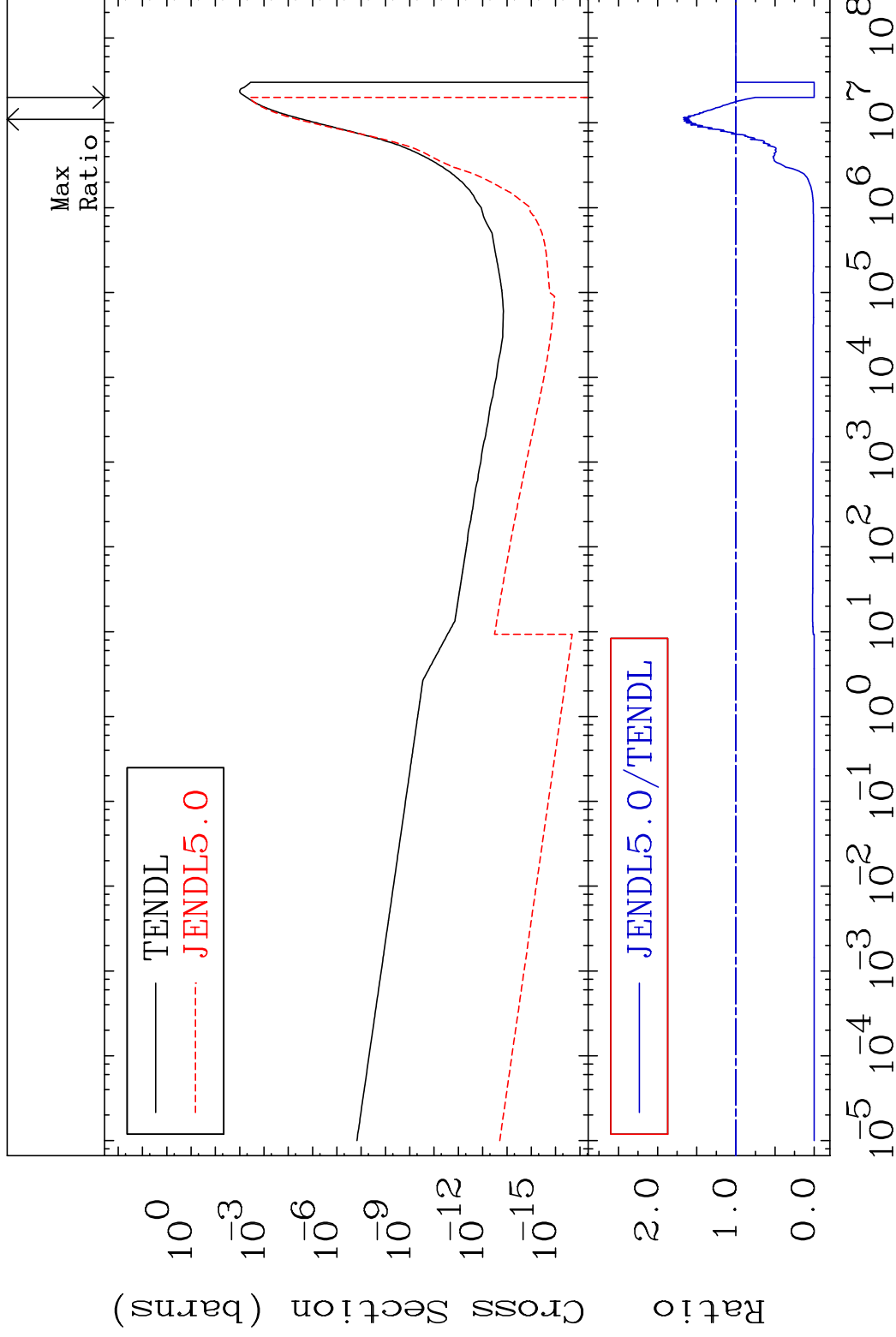
79-Au-198m

MAT 7929

(n, α)

79-Au-198m

Cross Section -100.0 To 66.72 %



58

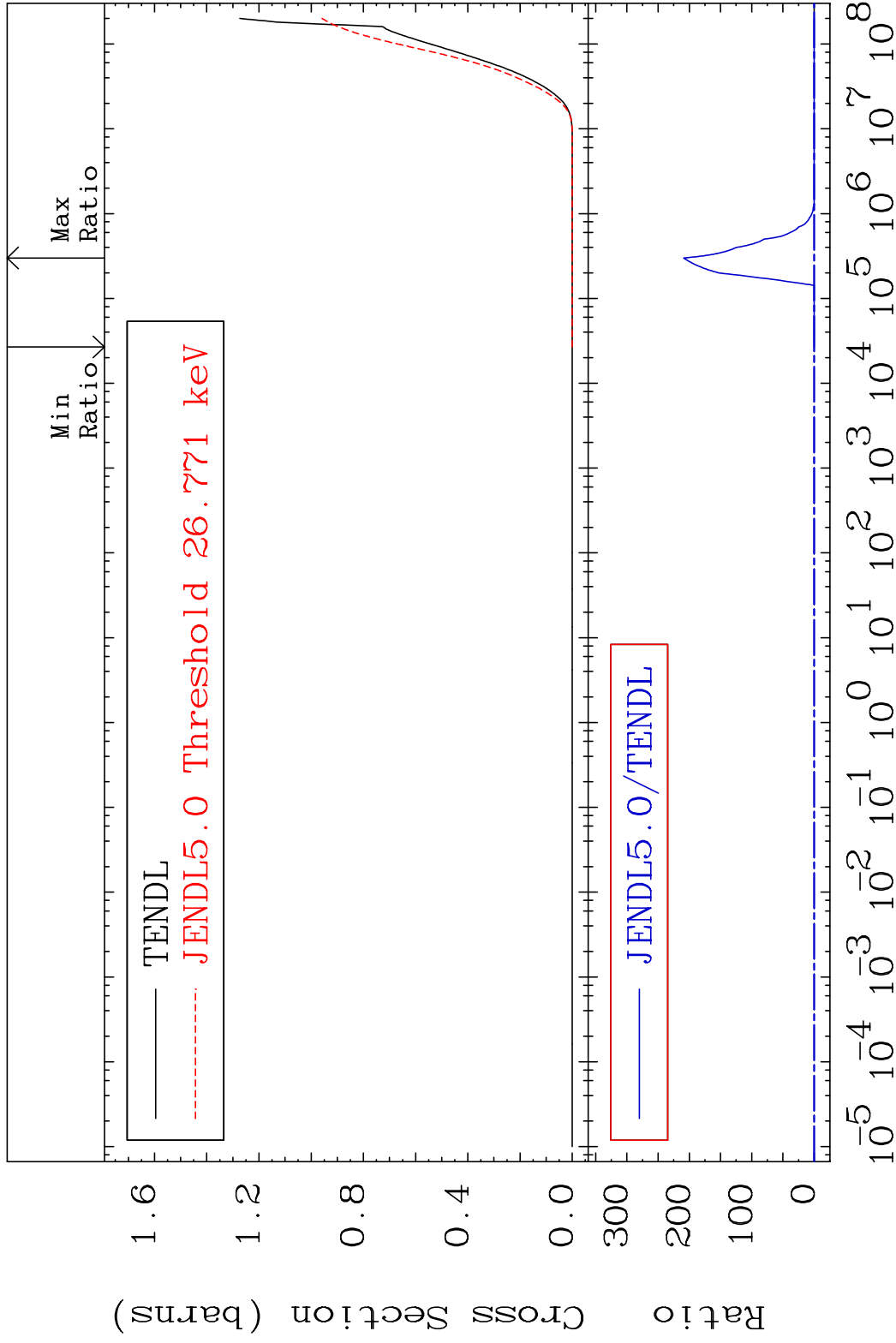
Incident Energy (eV)

79-Au-198m

MAT 7929

Hydrogen Production 79-Au-198m

Cross Section -100.0 To 9999. %

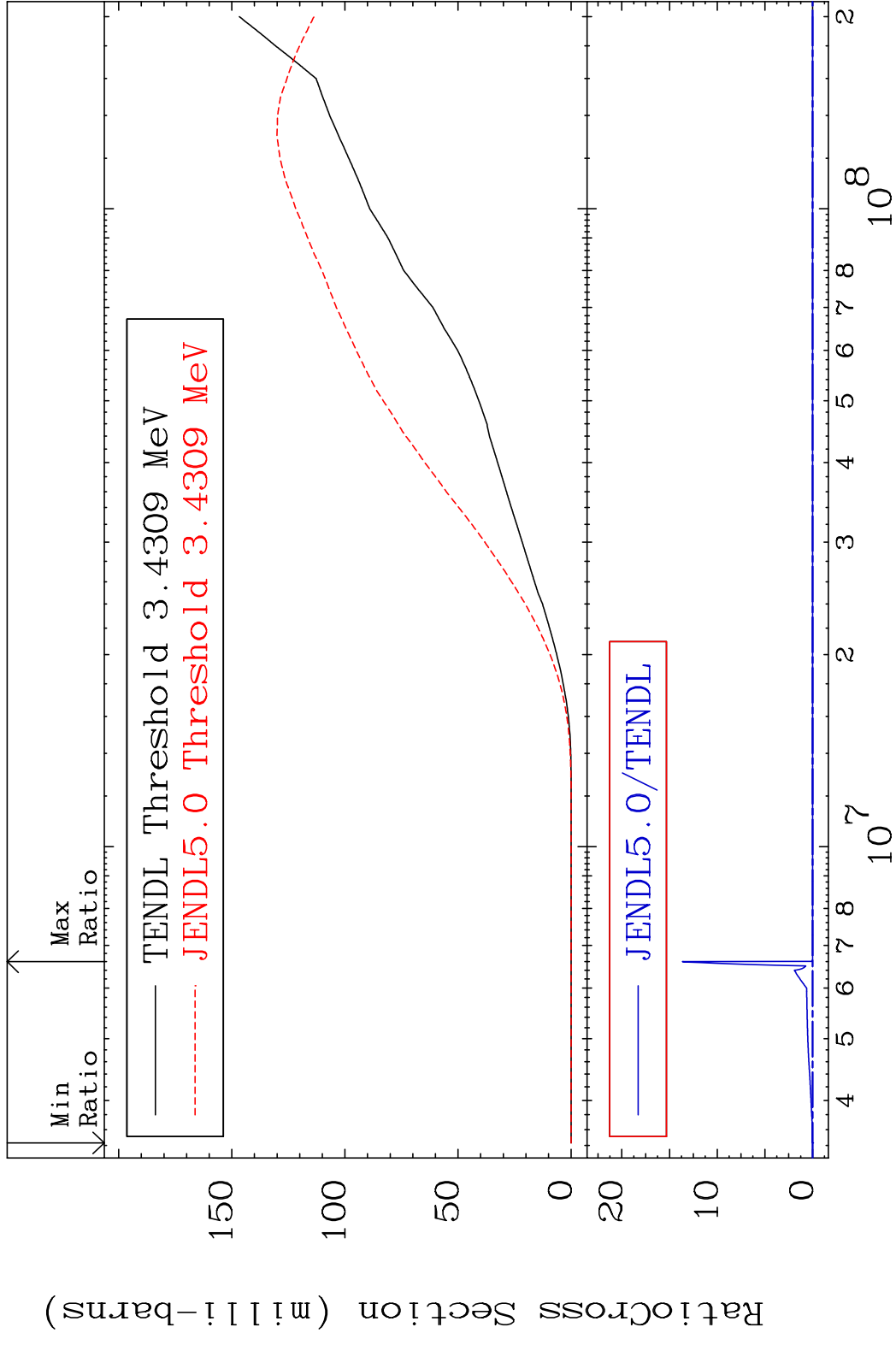


59

Incident Energy (eV)

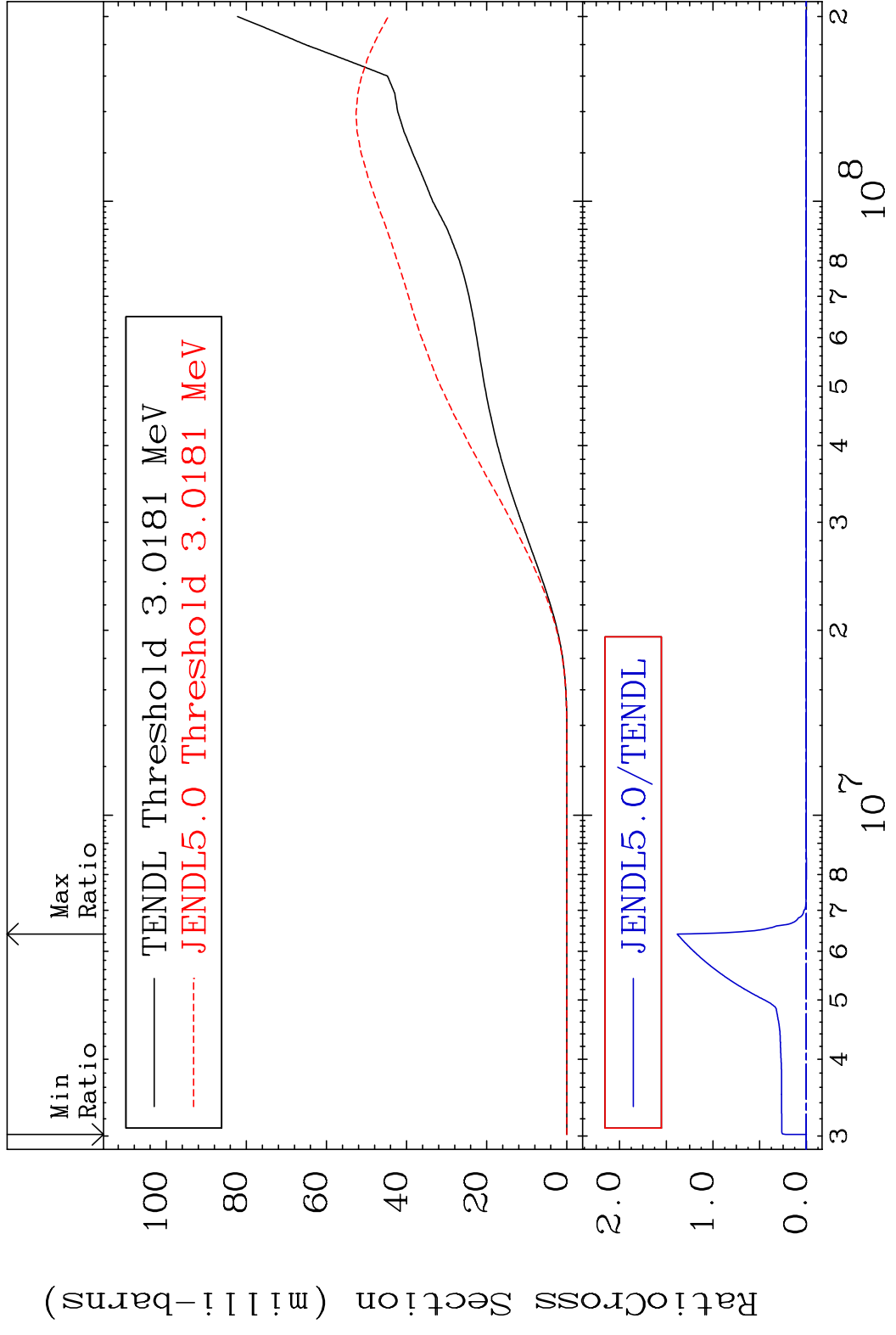
79-Au-198m

MAT 7929 Deuterium Production 79-Au-198m
 Cross Section -100.0 To 9999. %



60 Incident Energy (eV) 79-Au-198m

MAT 7929 Tritium Production 79-Au-198m
 Cross Section -100.0 To 9999. %

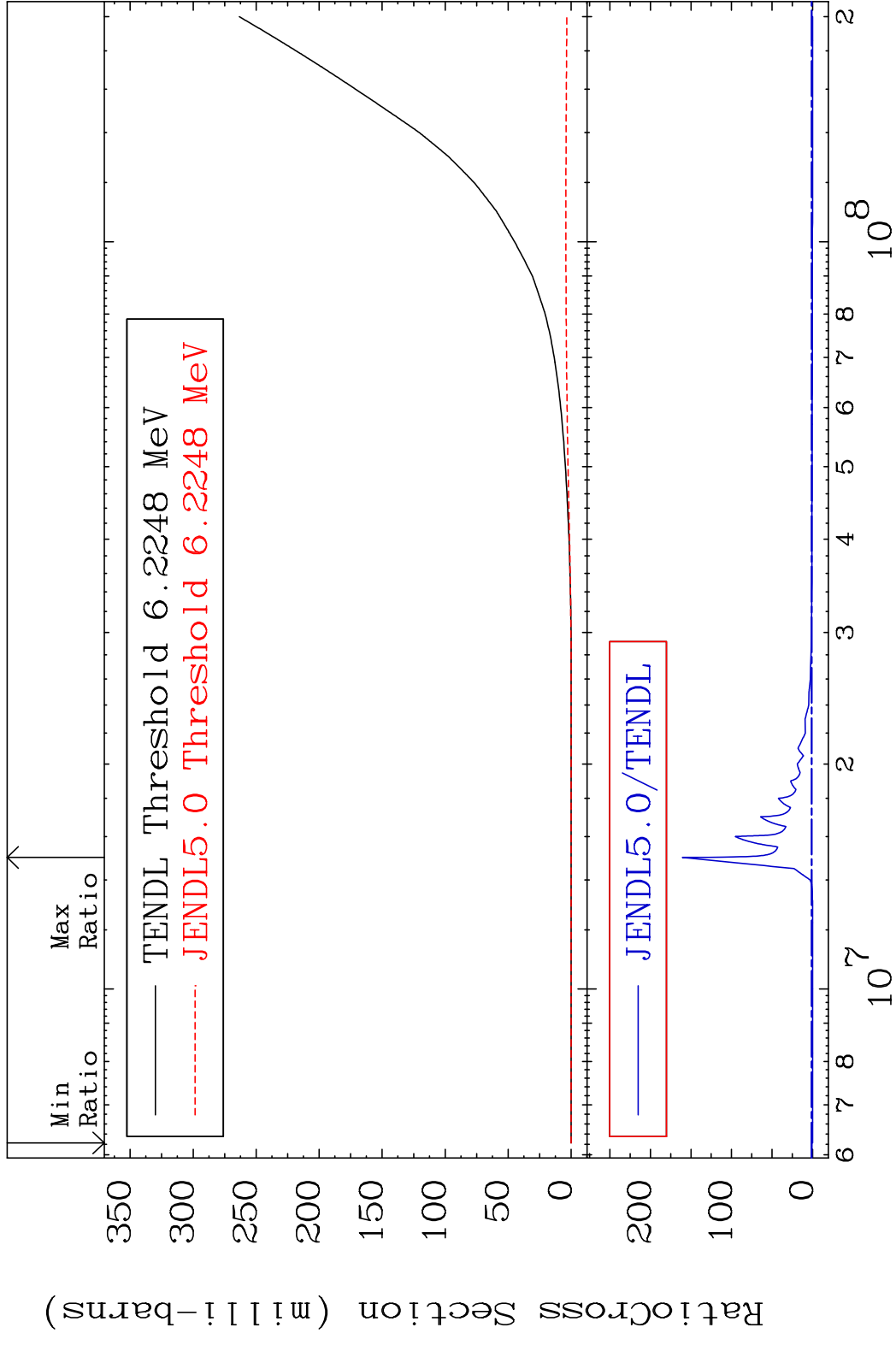


MAT 7929

He-3 Production

79-Au-198m

Cross Section -100.0 To 9999. %



62

Incident Energy (eV)

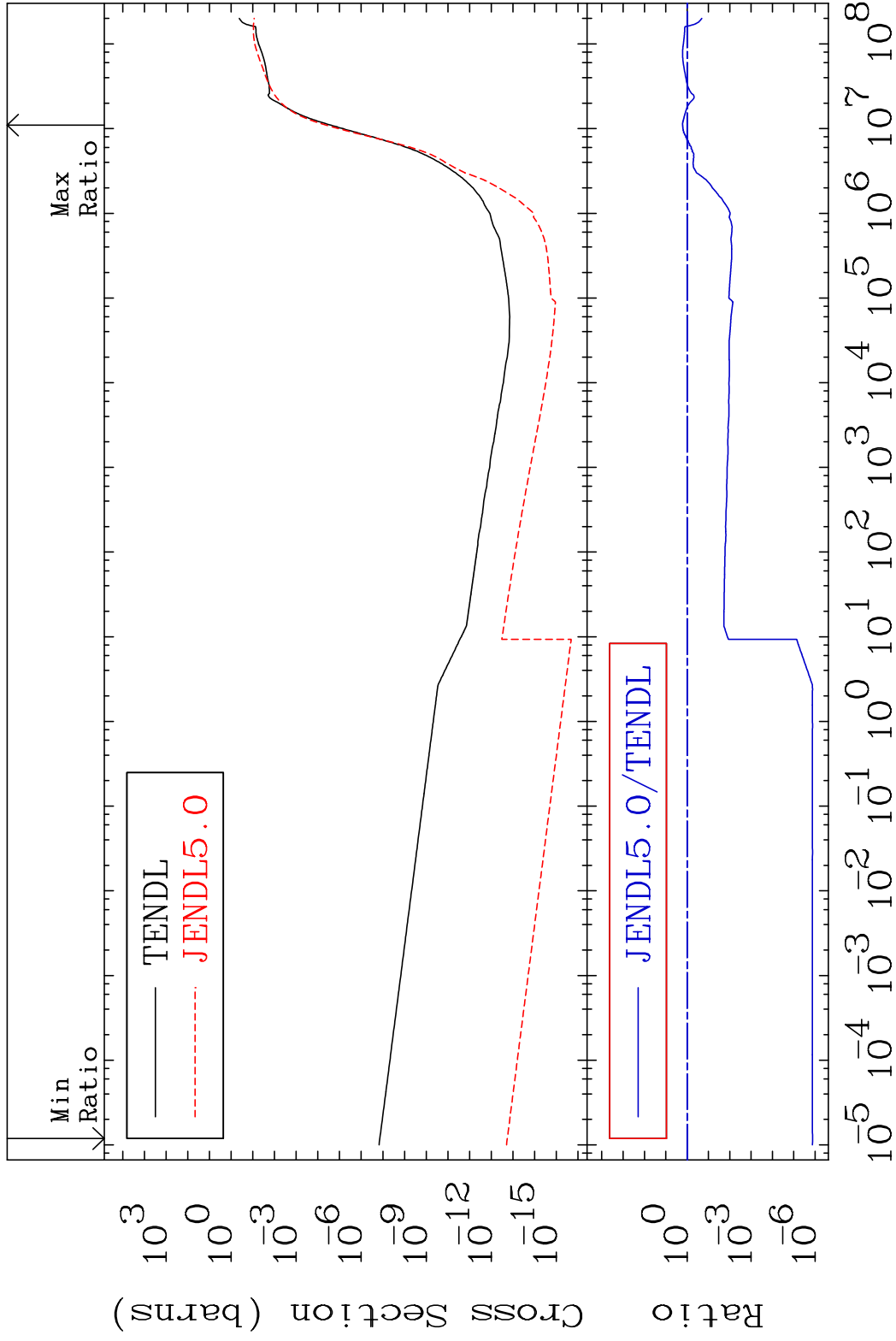
79-Au-198m

MAT 7929

He-4 Production

79-Au-198m

Cross Section -100.0 To 66.71 %

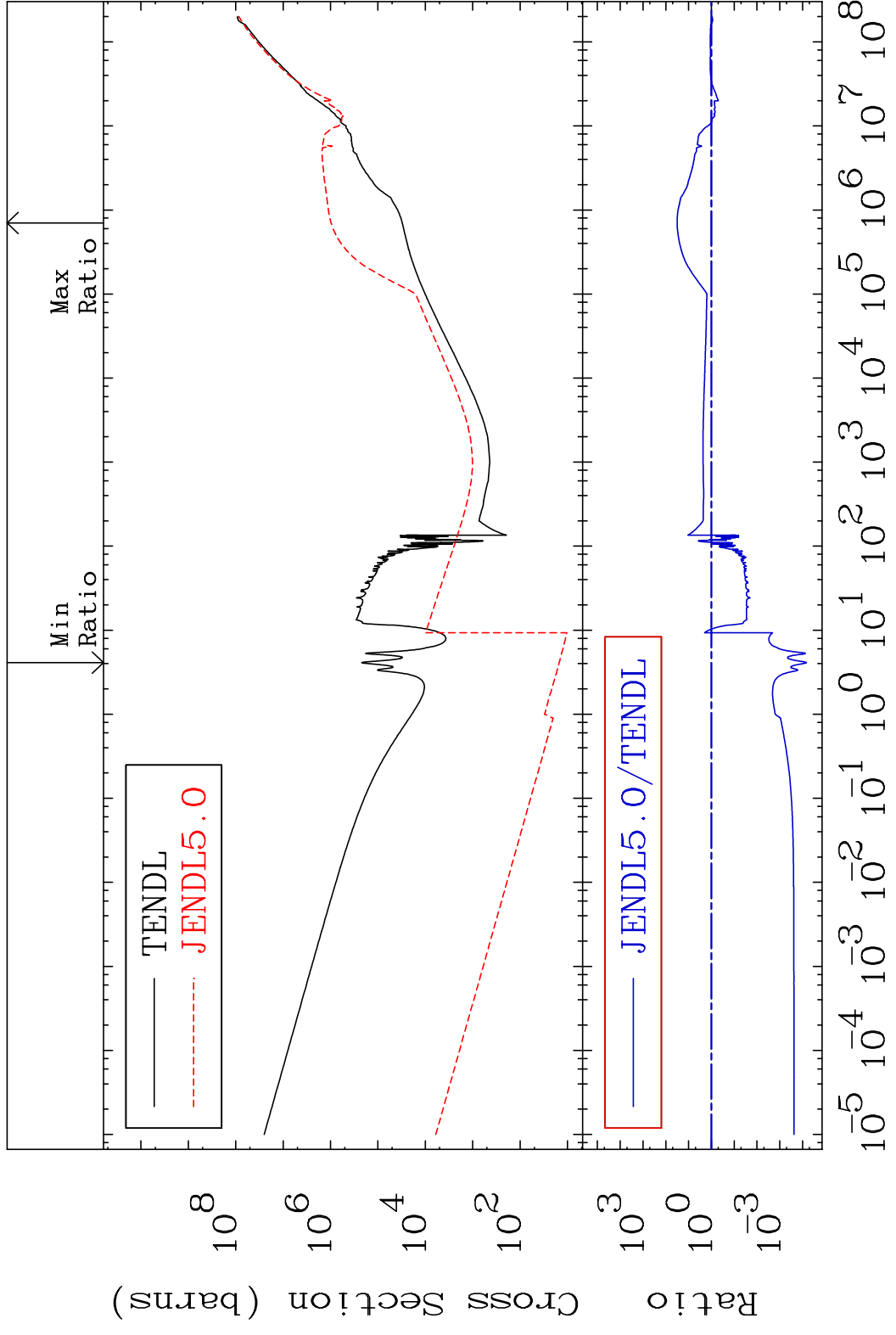


63

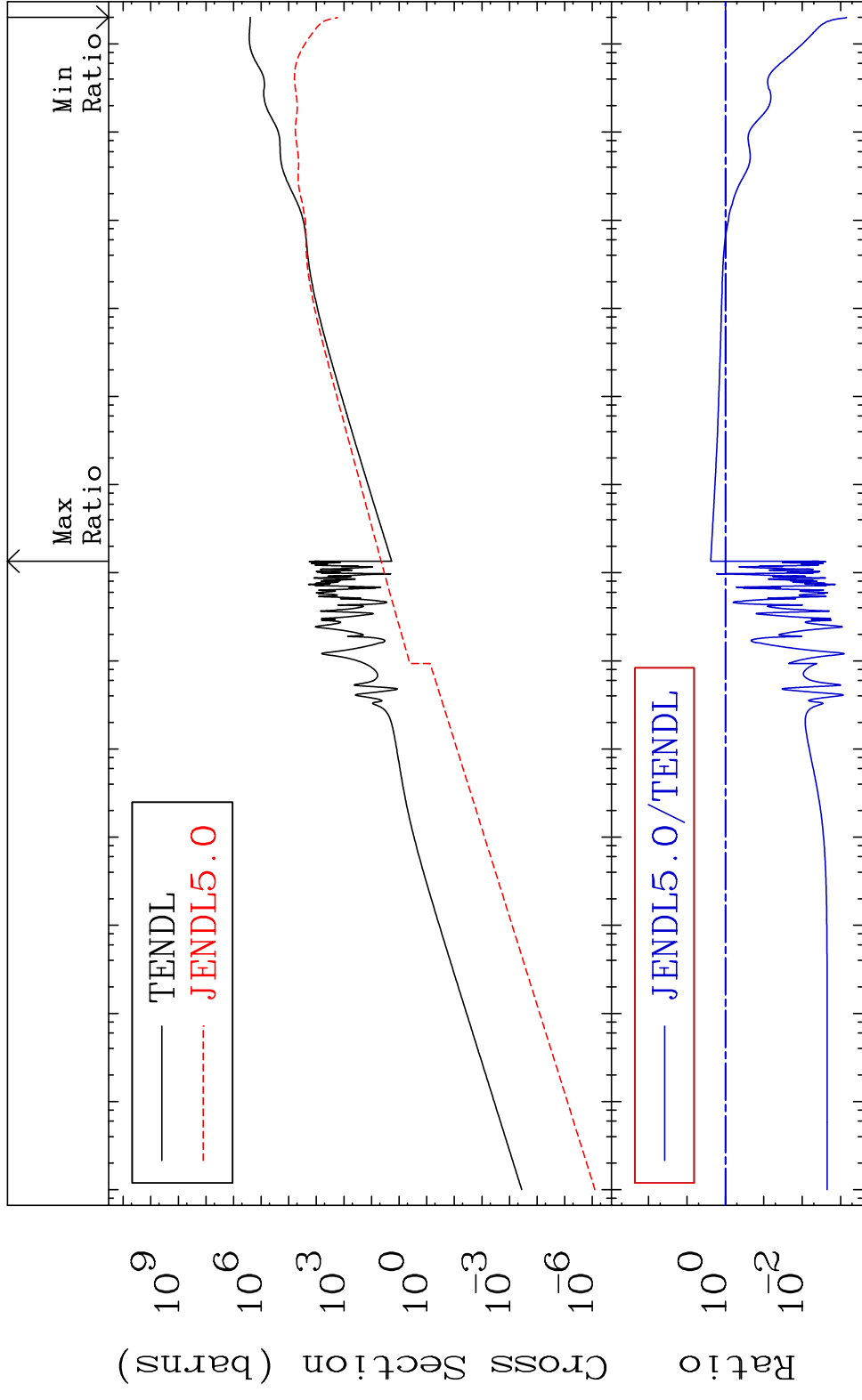
Incident Energy (eV)

79-Au-198m

MAT 7929 Kerma total (eV-barns) 79-Au-198m
 Cross Section -99.99 To 3066. %

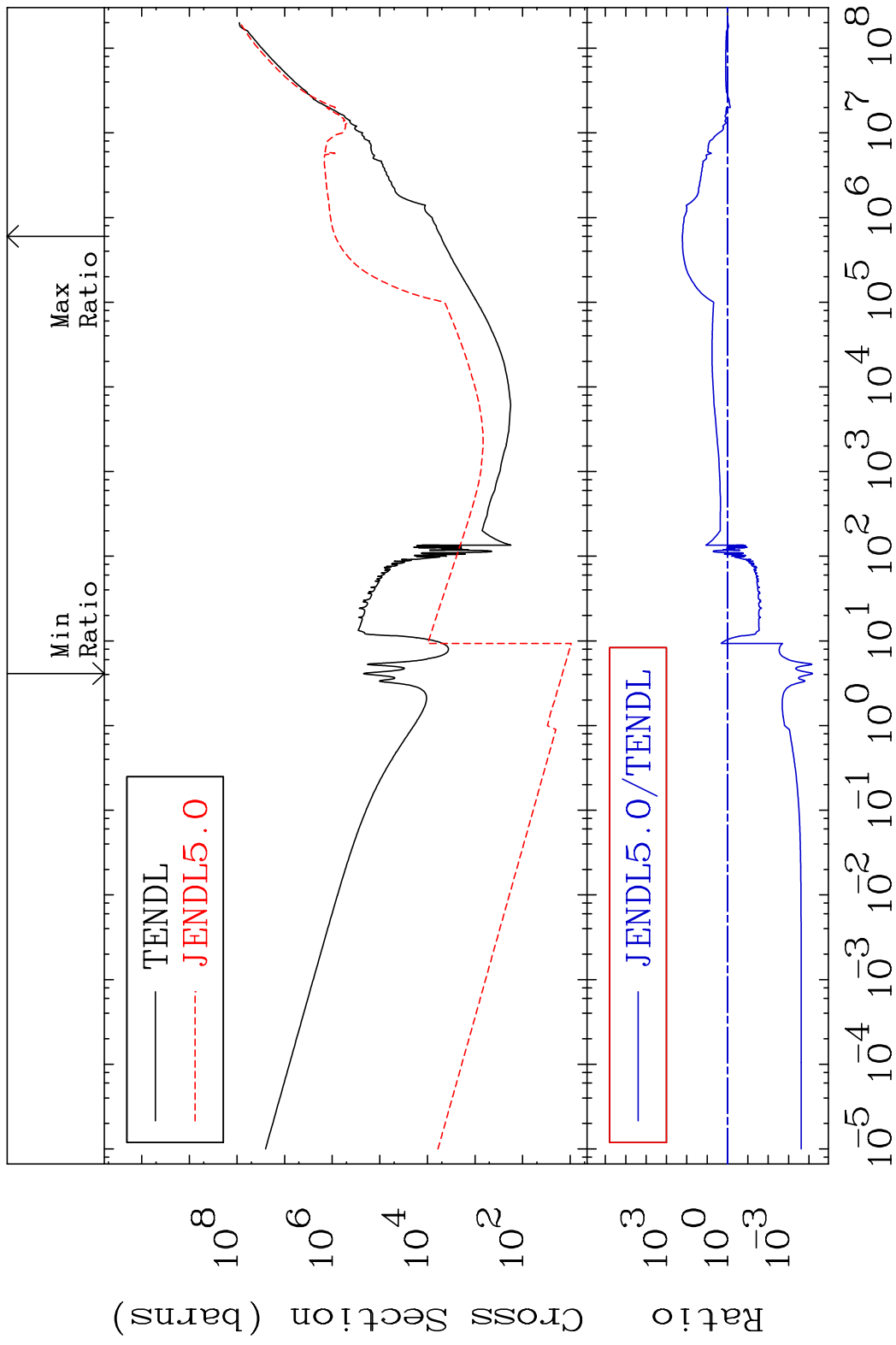


MAT 7929 Kerma elastic 79-Au-198m
 Cross Section -99.93 To 141.0 %

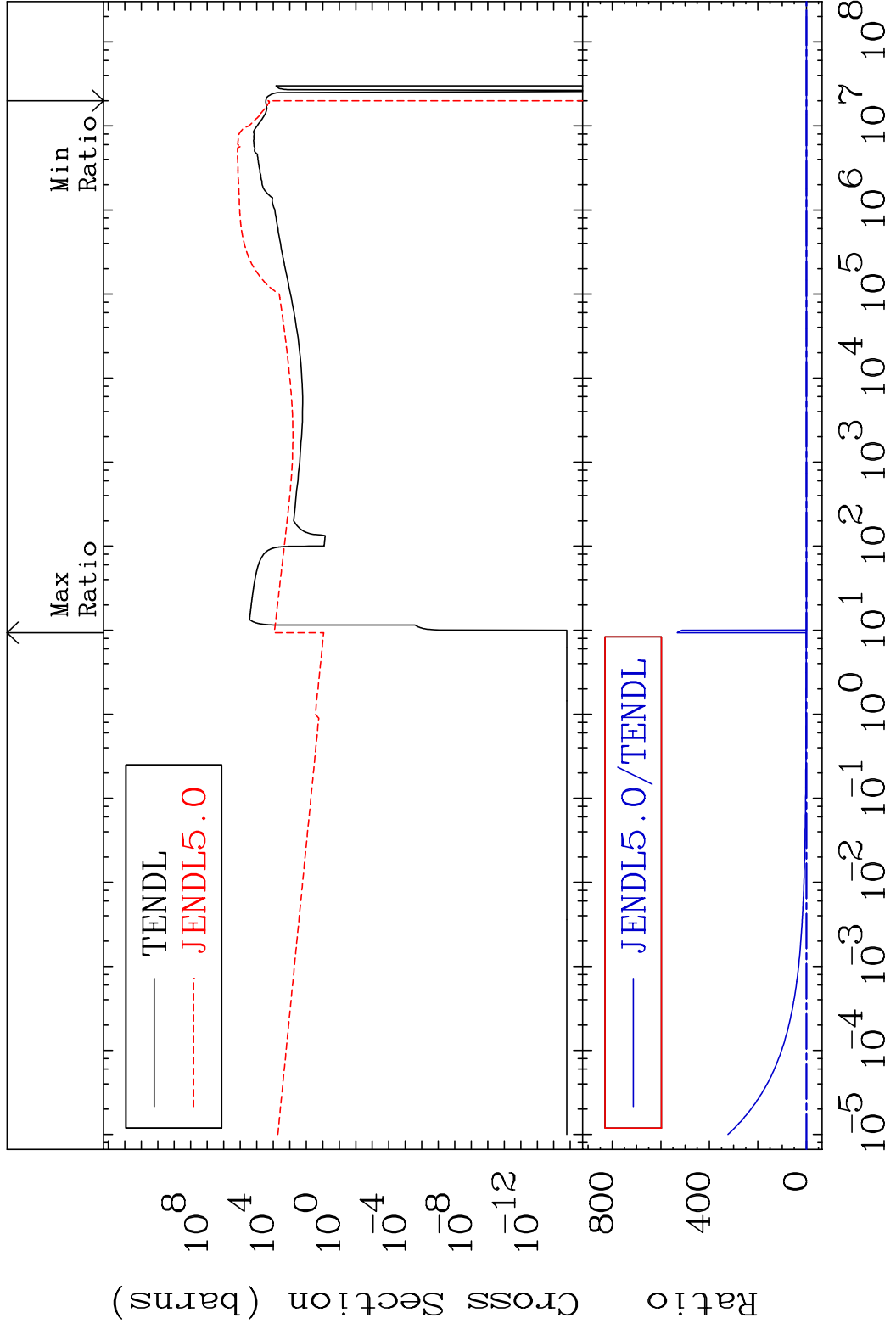


65 Incident Energy (eV) 79-Au-198m

MAT 7929 Kerma non-elastic (all but mt2) 79-Au-198m
 Cross Section -99.99 To 9999. %

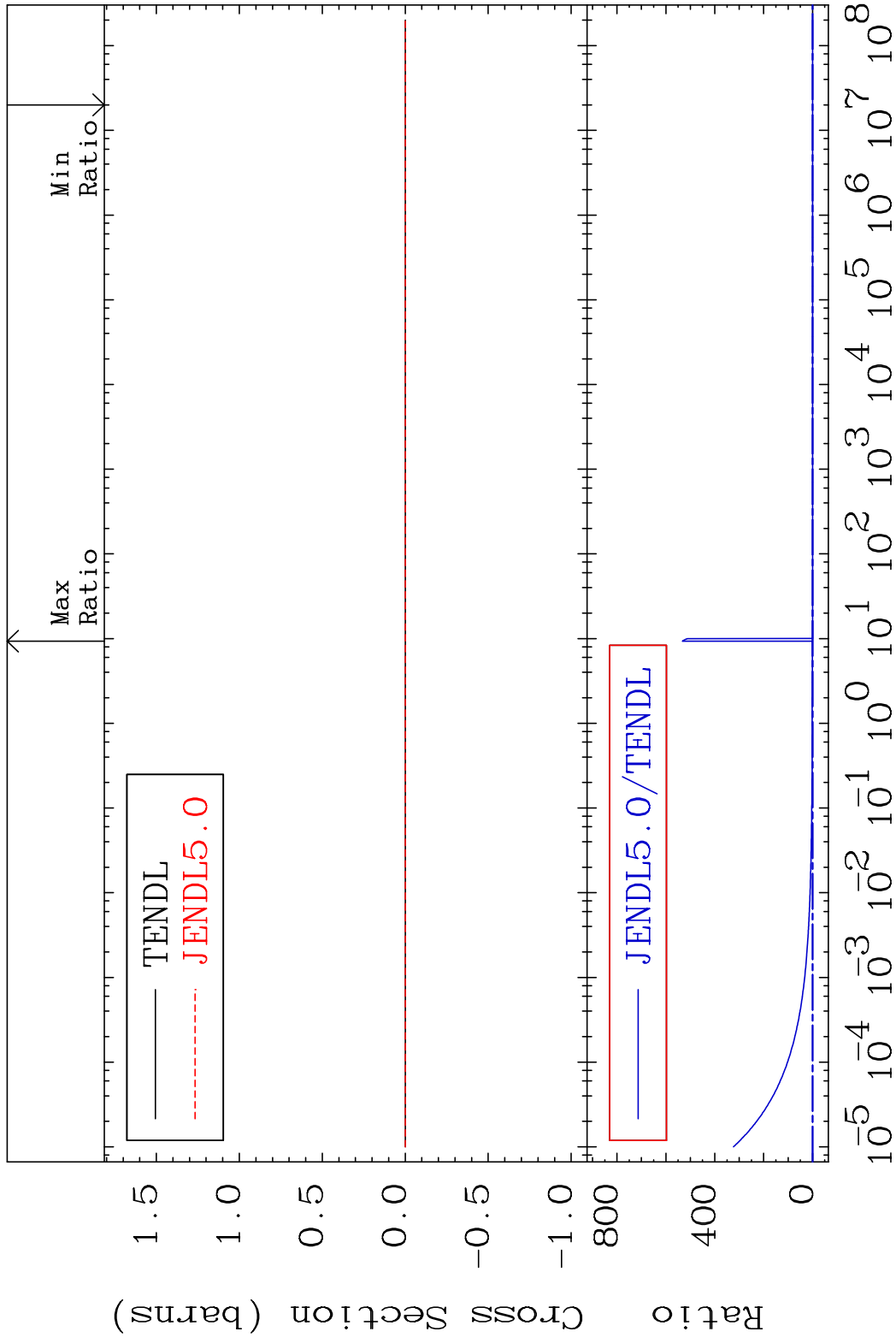


MAT 7929 Kerma inelastic (mt51-91) 79-Au-198m
 Cross Section -100.0 To 9999. %

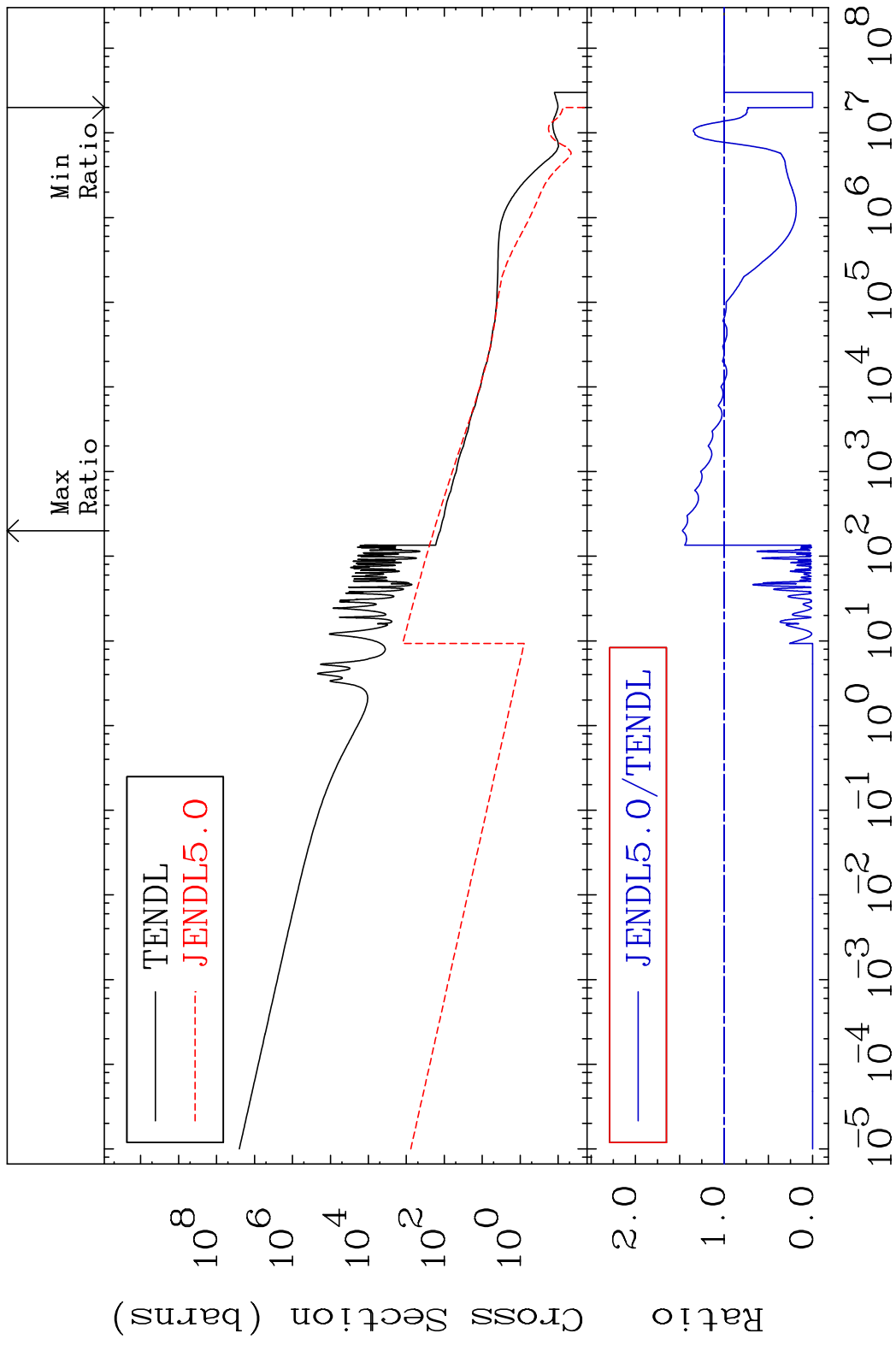


67 Incident Energy (eV) 79-Au-198m

MAT 7929 Kerma fission (mt18 or mt19-20-21-389)-Au-198m
 Cross Section -100.0 To 9999. %

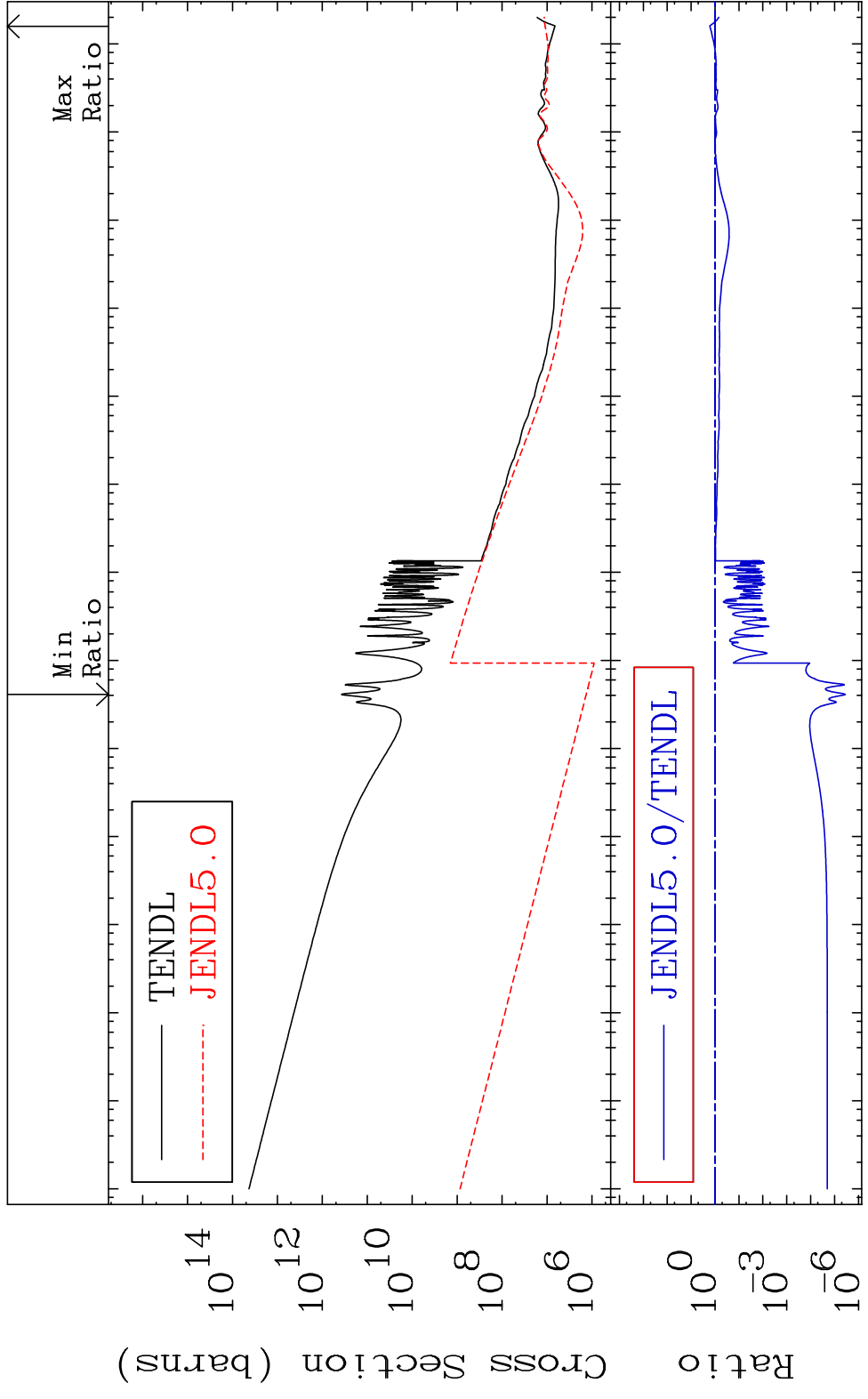


MAT 7929 Kerma capture (mt102) 79-Au-198m
 Cross Section -100.0 To 47.06 %



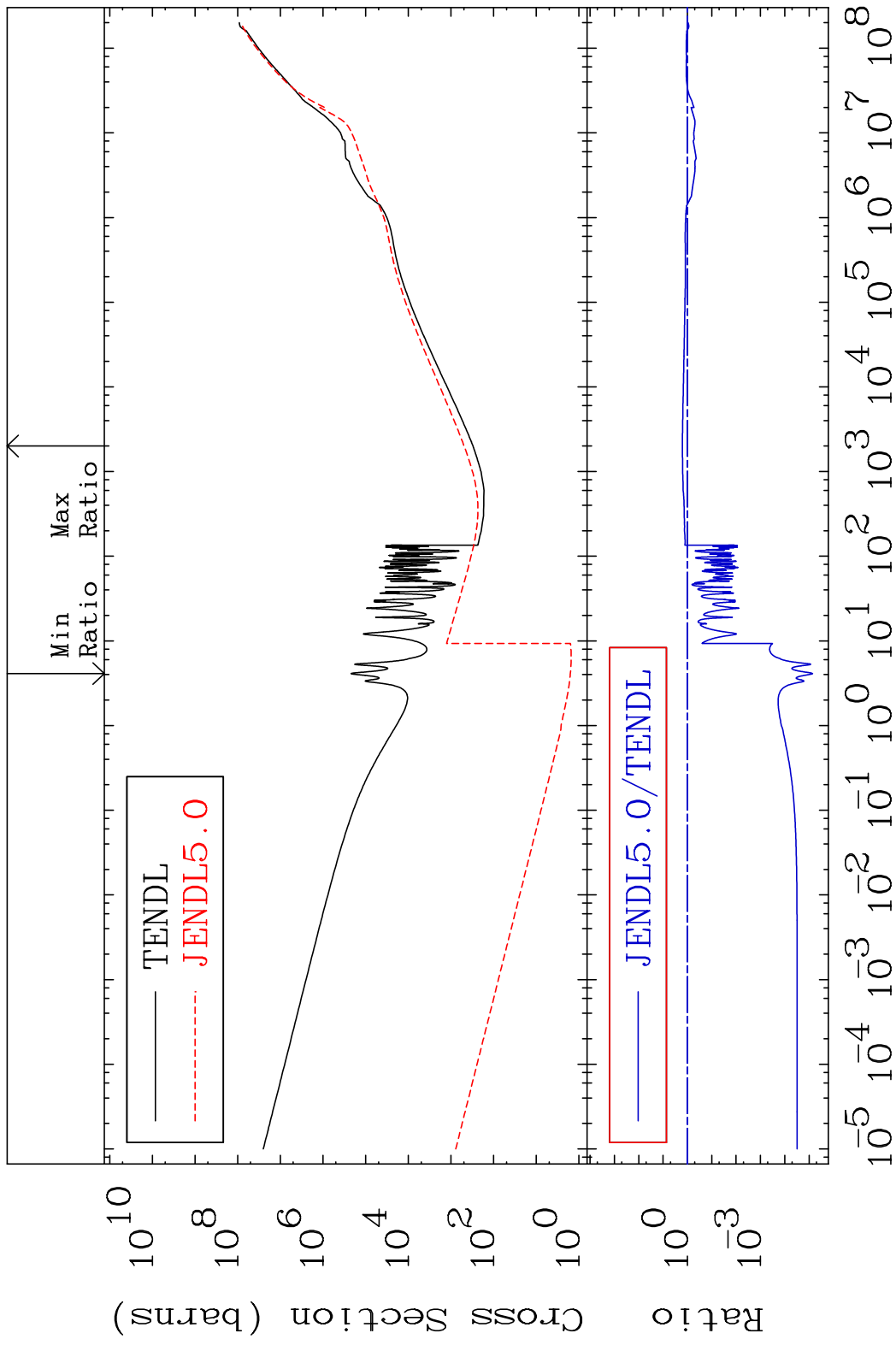
69 Incident Energy (eV) 79-Au-198m

MAT 7929 Total photon (eV-barns) 79-Au-198m
 Cross Section -100.0 To 65.46 %



79 Incident Energy (eV) 79-Au-198m

MAT 7929 Total kinematic kerma (high limit)79-Au-198m
 Cross Section -100.0 To 61.65 %

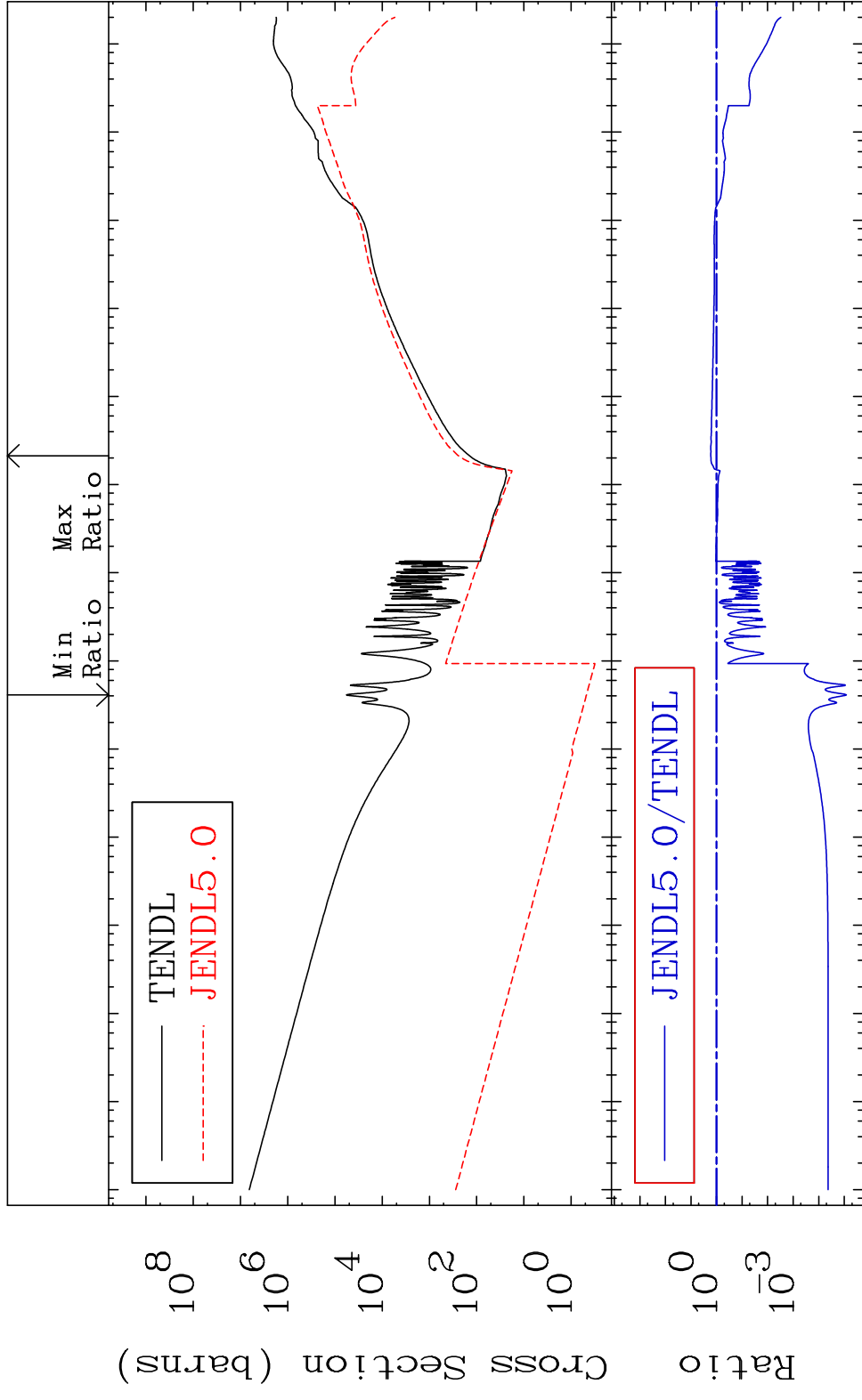


MAT 7929

Dpa total (eV-barns)

79-Au-198m

Cross Section -100.0 To 68.72 %



72

Incident Energy (eV)

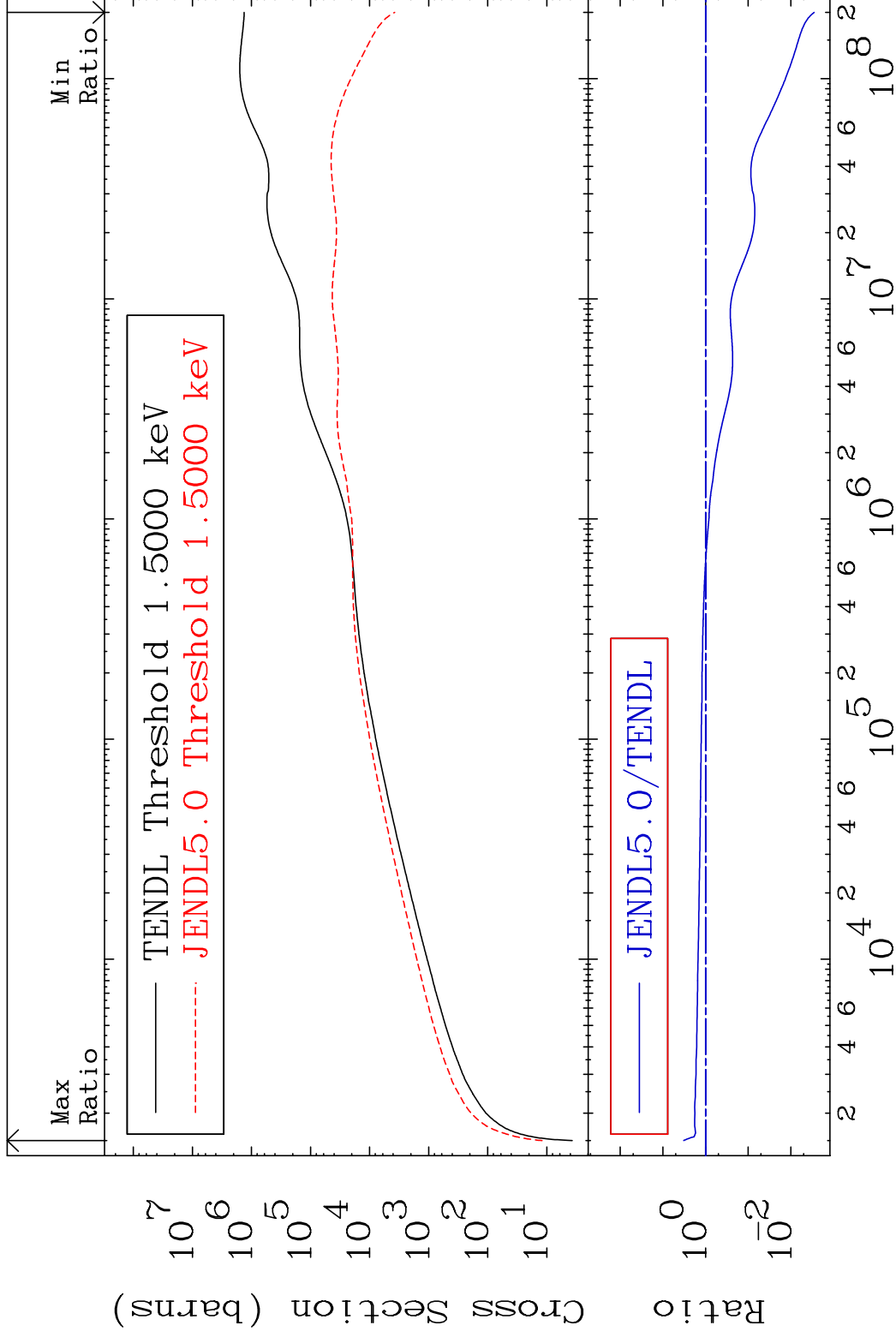
79-Au-198m

MAT 7929

Dpa elastic (mt2)

79-Au-198m

Cross Section -99.72 To 226.0 %

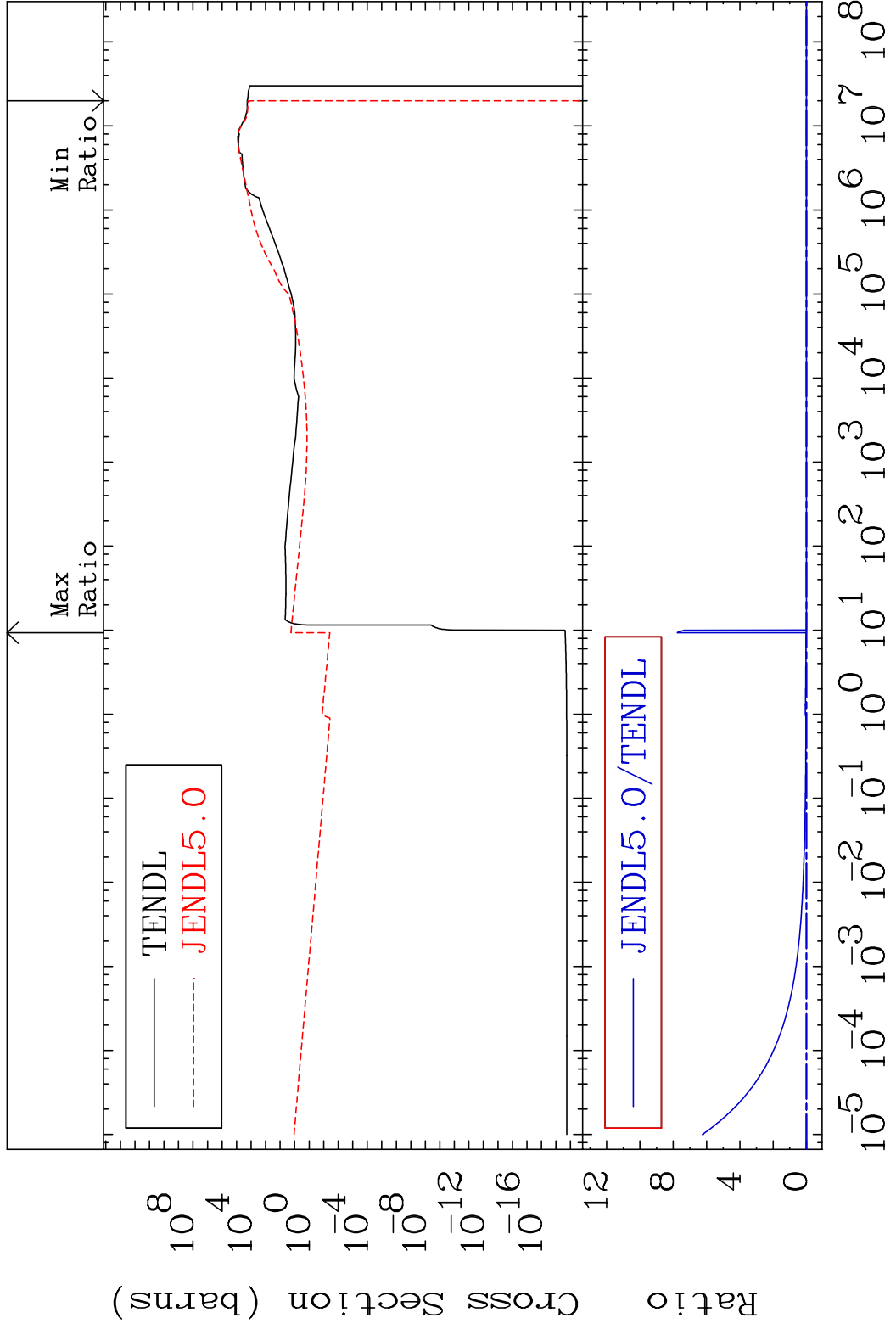


73

Incident Energy (eV)

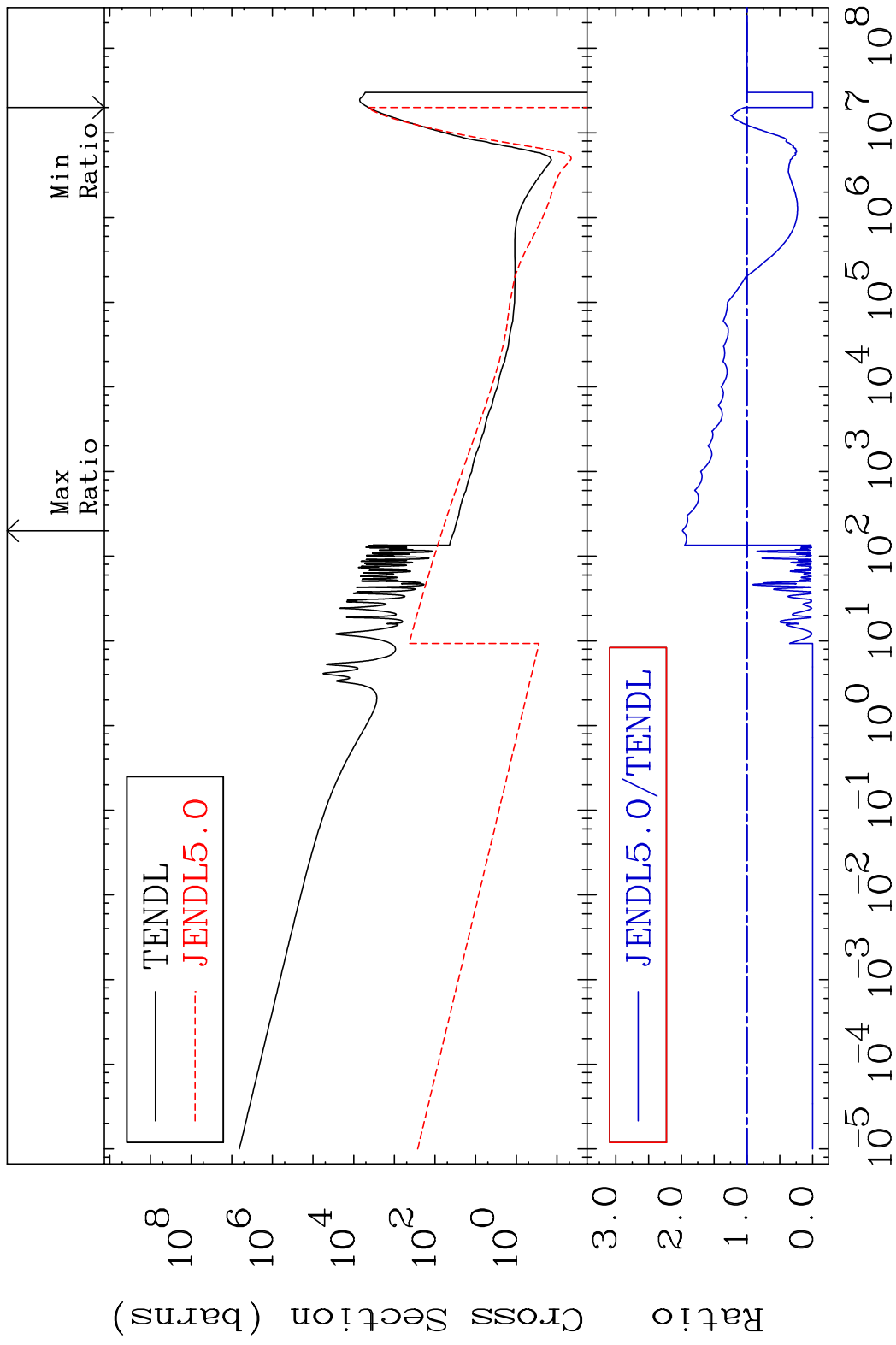
79-Au-198m

MAT 7929 Dpa inelastic (mt51-91) 79-Au-198m
 Cross Section -100.0 To 9999. %



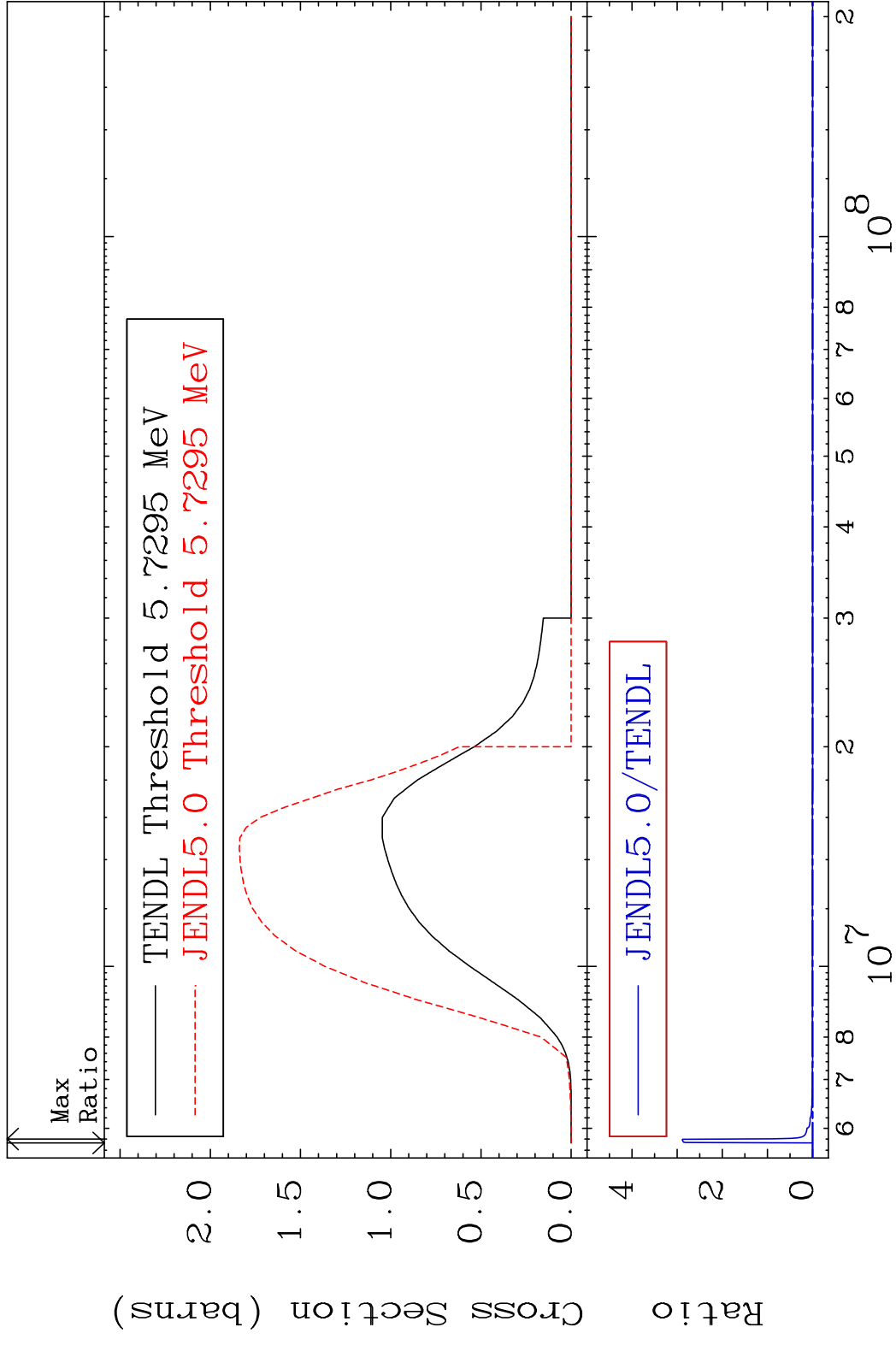
74 Incident Energy (eV) 79-Au-198m

MAT 7929 Dpa disappearance (mt102 -120) 79-Au-198m
 Cross Section -100.0 To 98.49 %



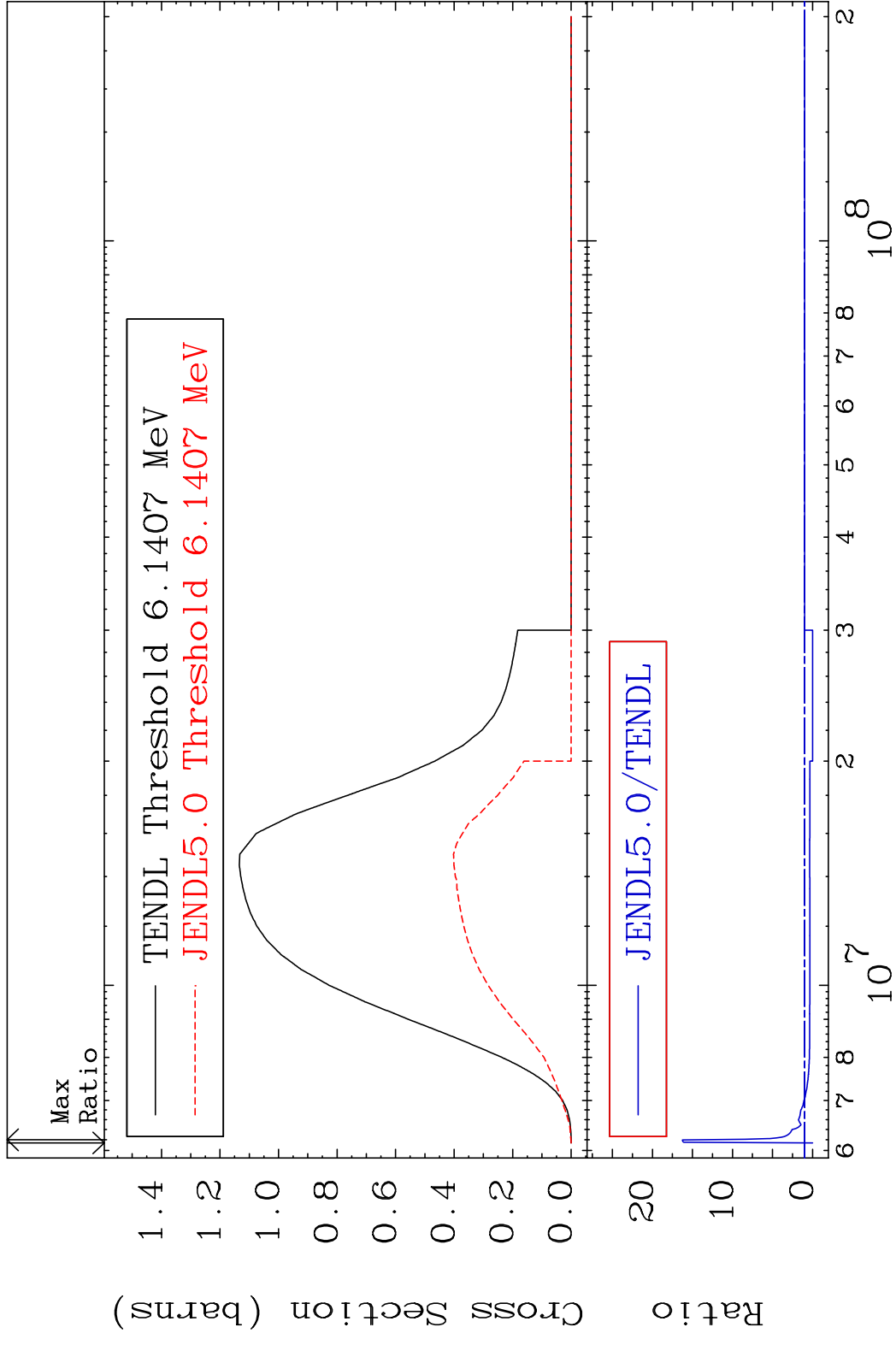
75 Incident Energy (eV) 79-Au-198m

MAT 7929 (n,2n):79-Au-197g 79-Au-198m
 Radionuclide Production Cross Section Ratio 9999. %

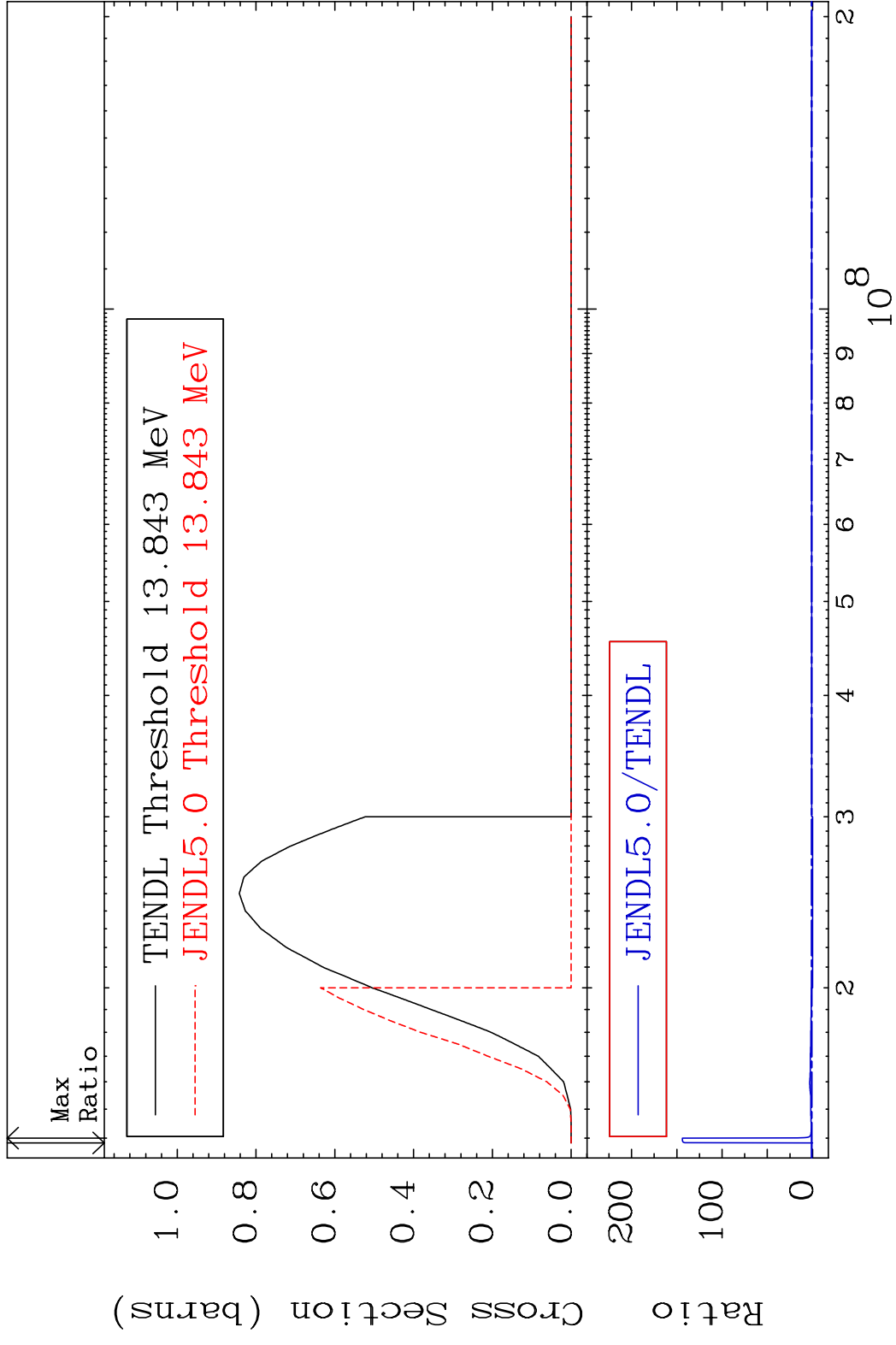


76 Incident Energy (eV) 79-Au-198m

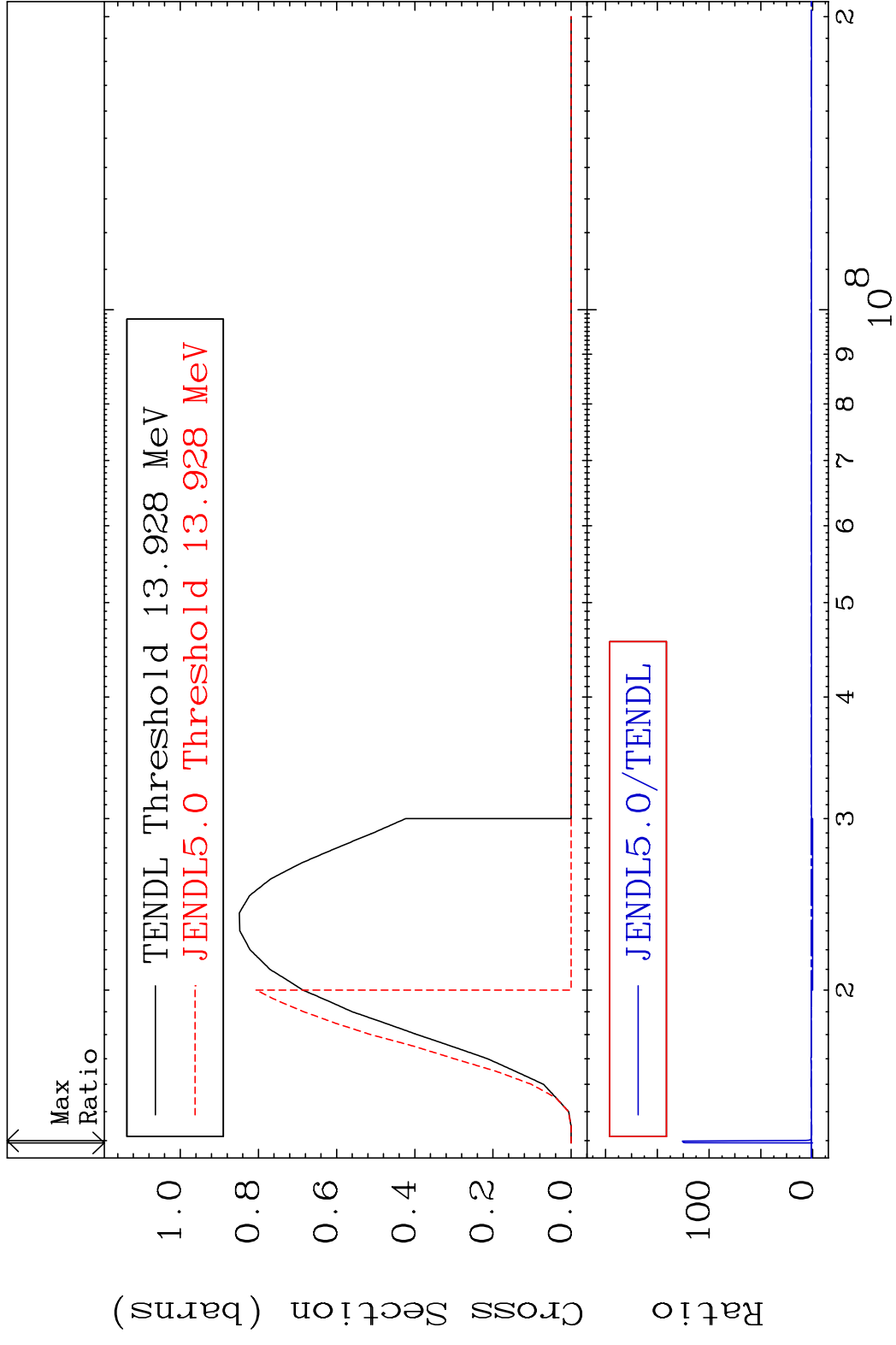
MAT 7929 (n,2n):79-Au-197m4 79-Au-198m
 Radionuclide Production Cross Section 1526. %



MAT 7929 (n,3n):79-Au-196g 79-Au-198m
 Radionuclide Production Cross Section to 9999. %

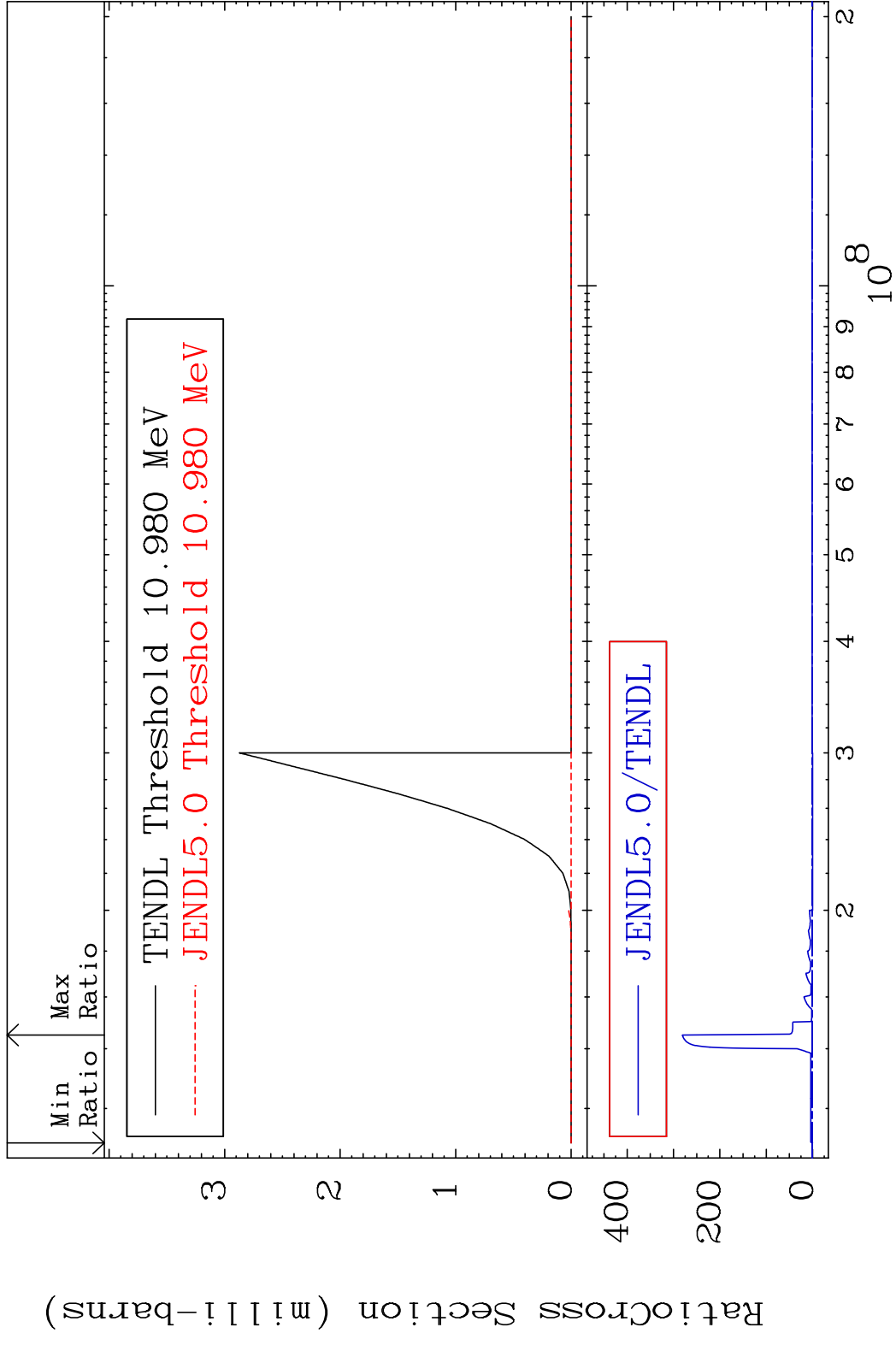


MAT 7929 (n, 3n): 79-Au-196m3 79-Au-198m
 Radionuclide Production Cross Section to 9999. %



79 Incident Energy (eV) 79-Au-198m

MAT 7929 (n, n') t:78-Pt-195g 79-Au-198m
 Radionuclide Production Cross Section Ratio 9999. %



MAT 7929 (n, n') t:78-Pt-195m7 79-Au-198m
 Radionuclide Production Cross Section 180.01 dth 78.66 %

