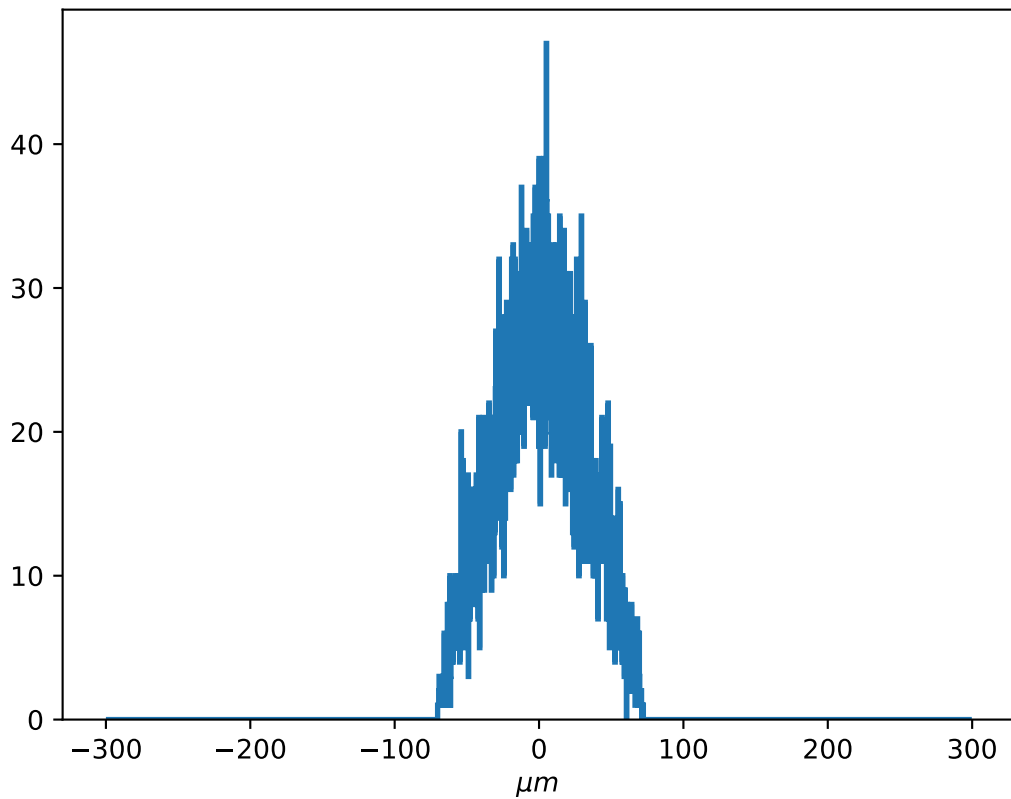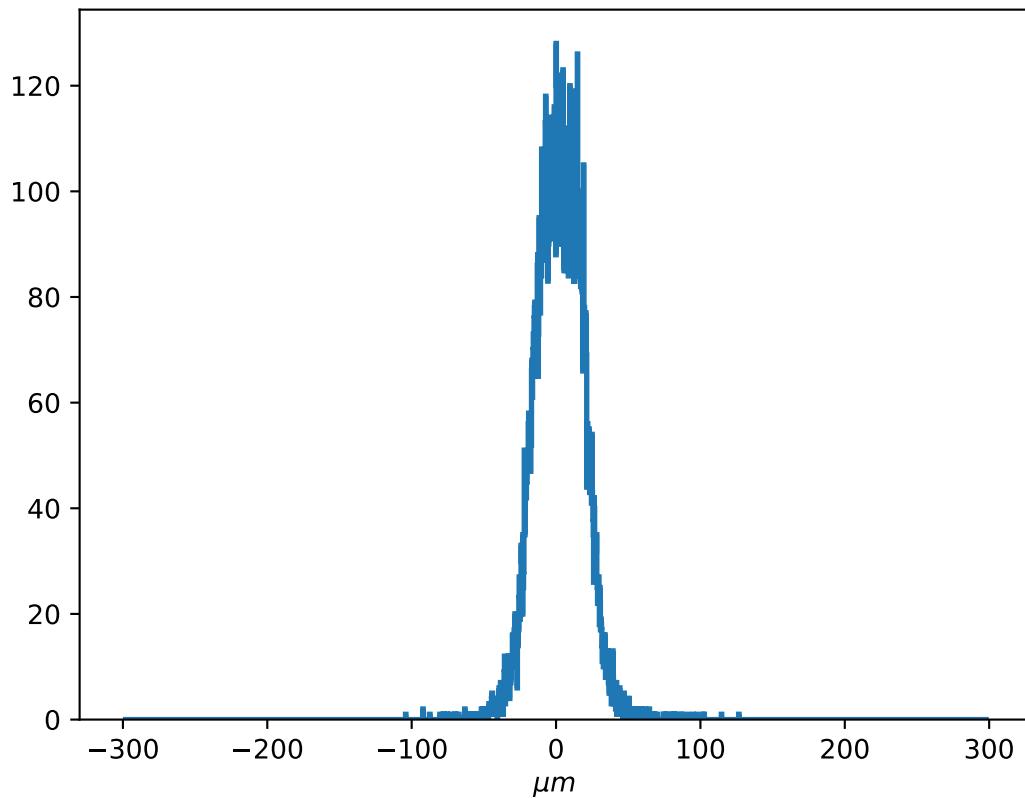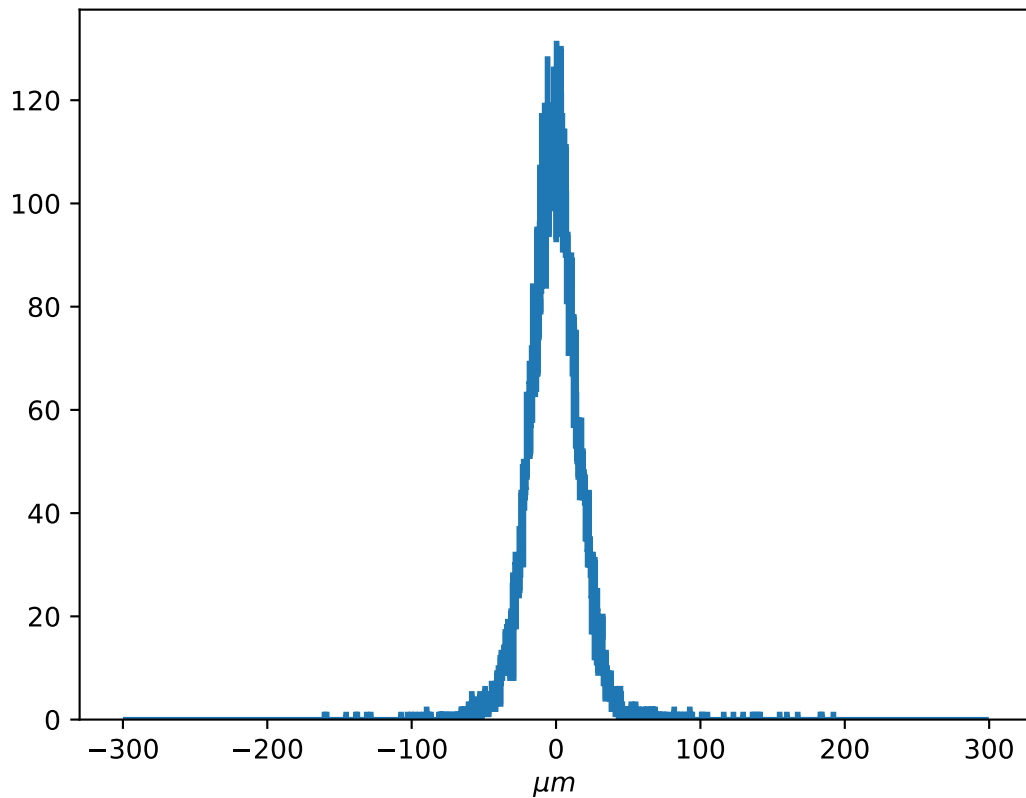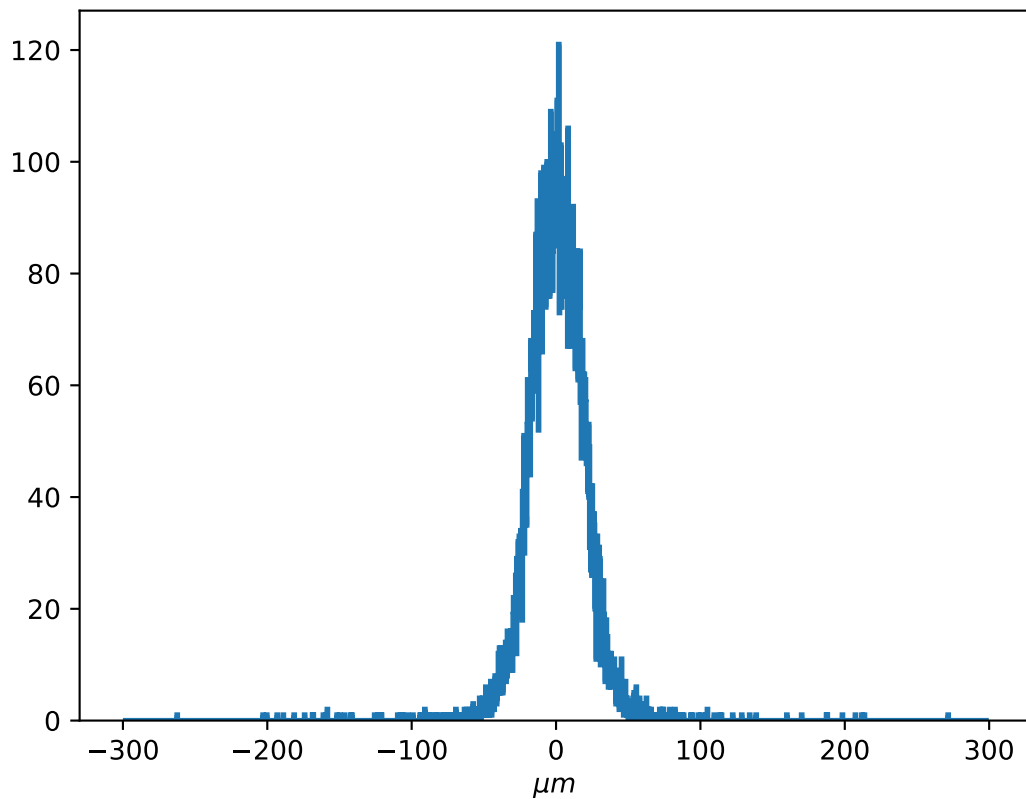residuals in y for clustersize = 1, $\sigma = 30.27$

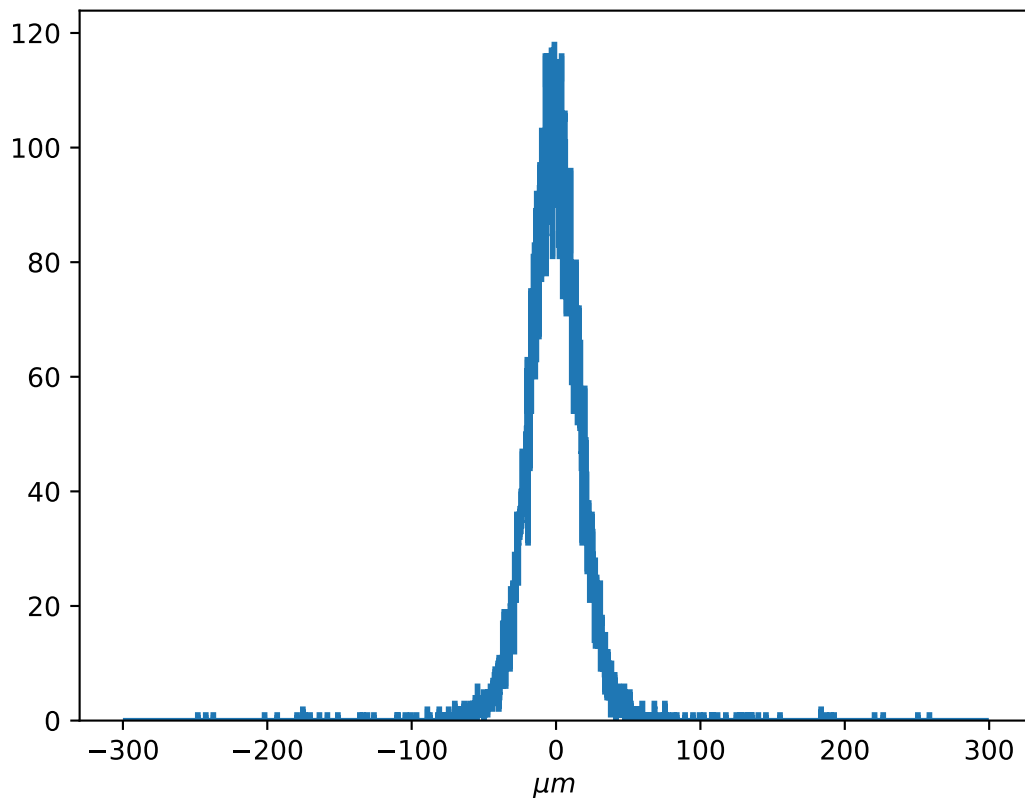residuals in y for clustersize = 2, $\sigma = 16.33$

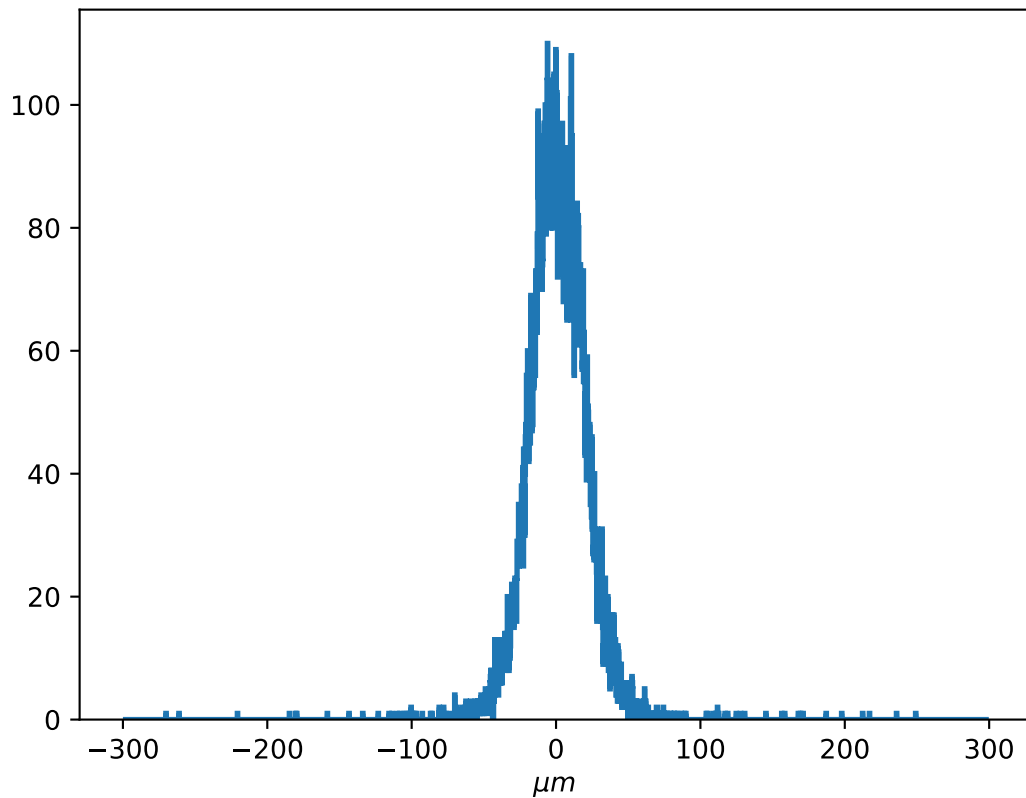residuals in y for clustersize = 3, $\sigma = 17.89$

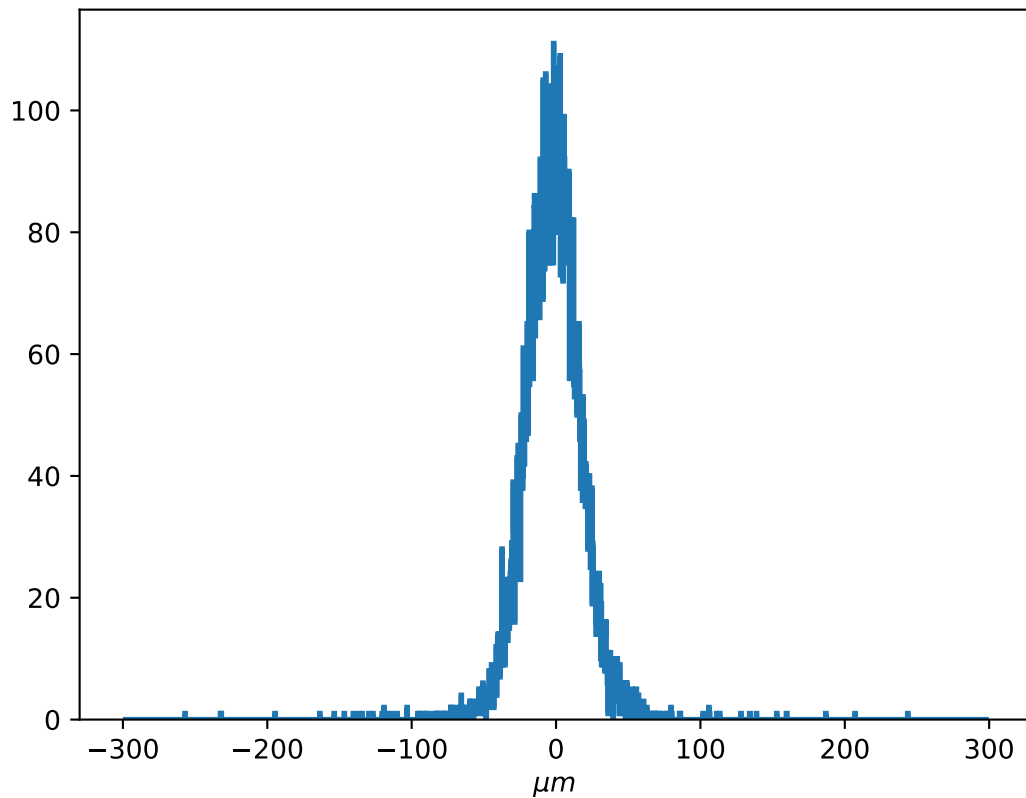residuals in y for clustersize = 4, $\sigma = 20.21$
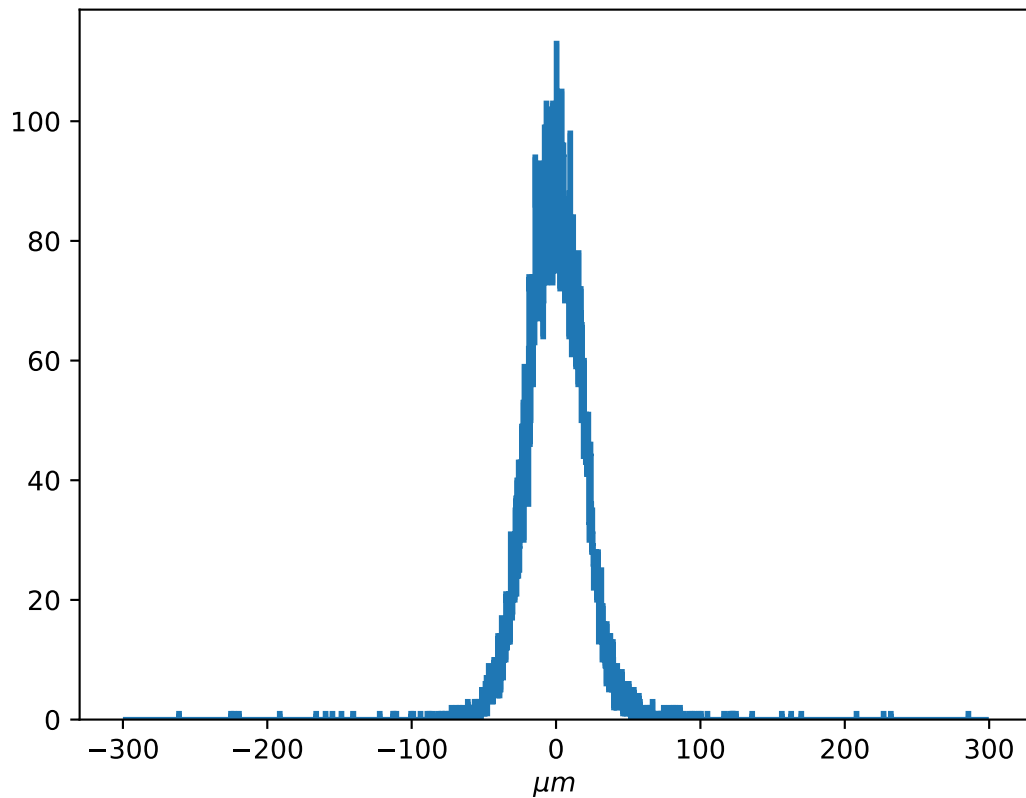
residuals in y for clustersize = 5, $\sigma = 19.77$

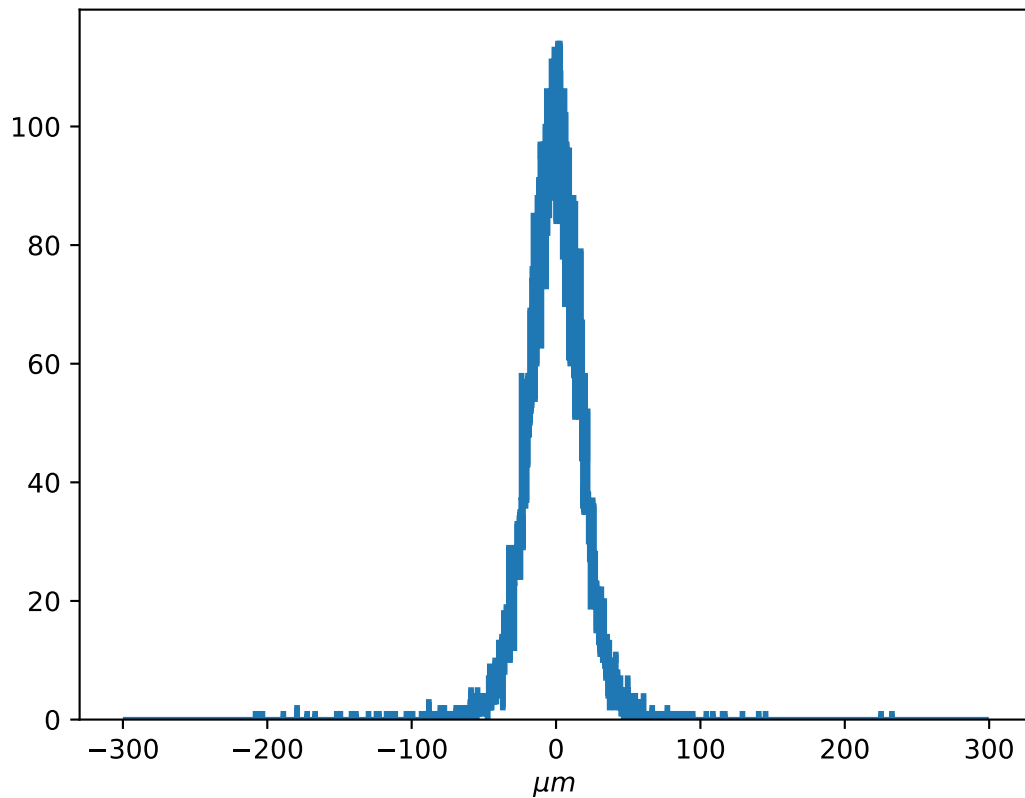residuals in y for clustersize = 6, σ = 21.36

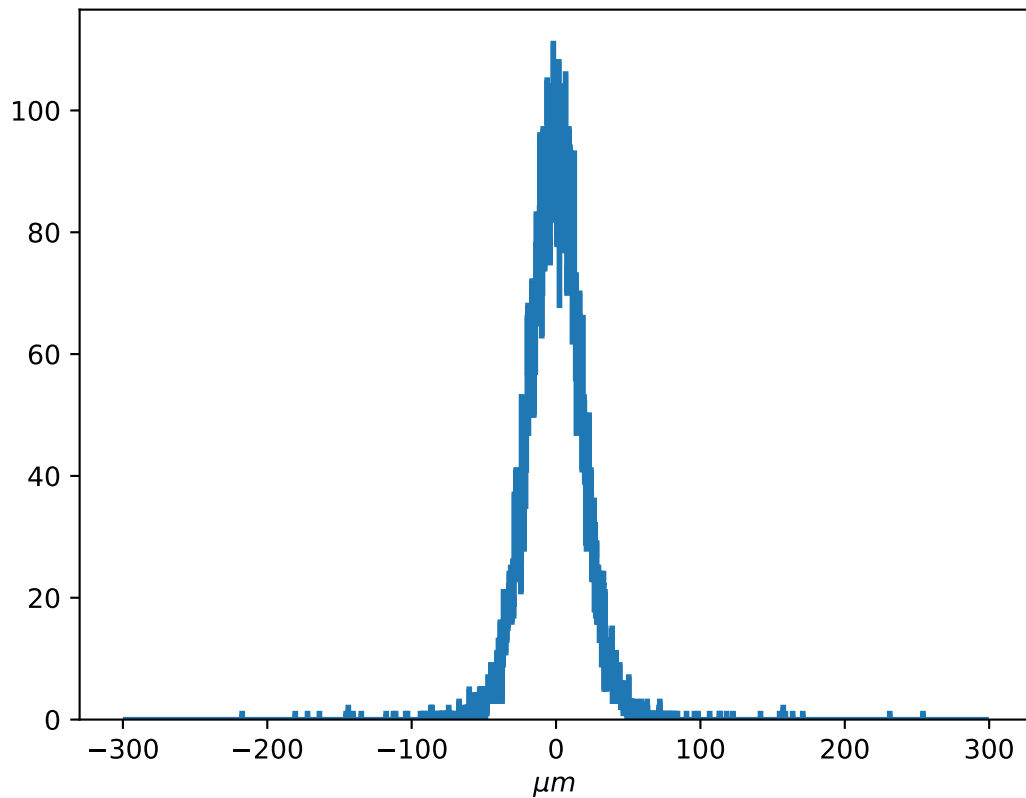residuals in y for clustersize = 7, $\sigma = 20.14$

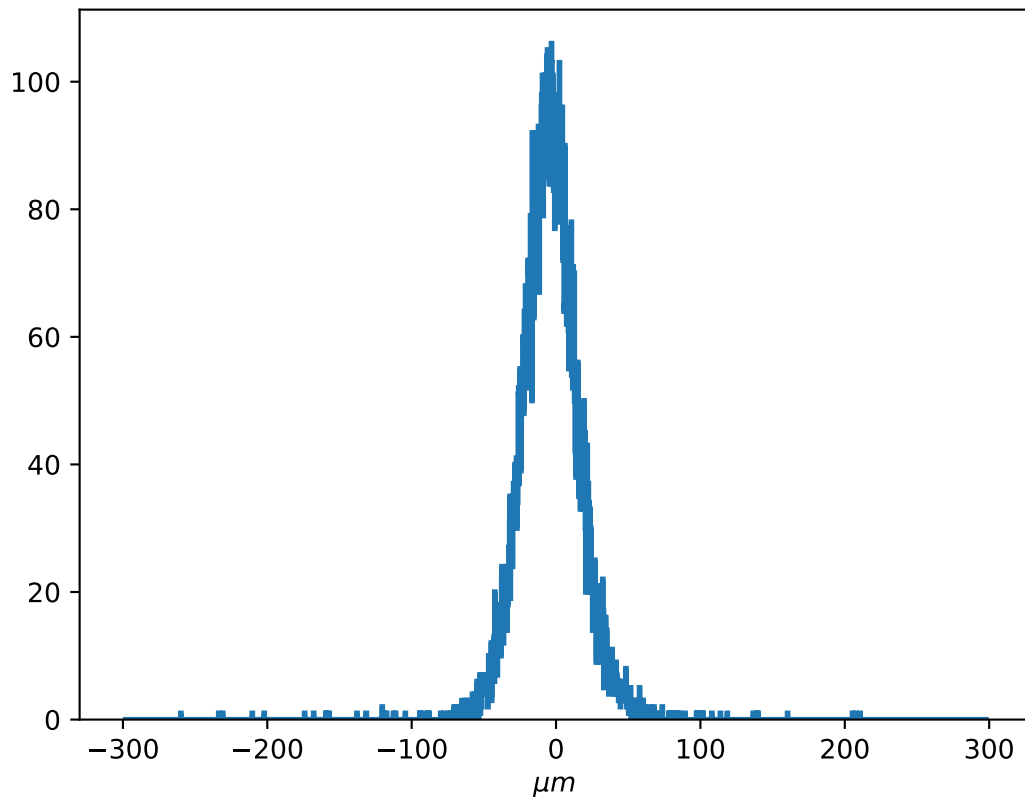residuals in y for clustersize = 8, $\sigma = 20.77$

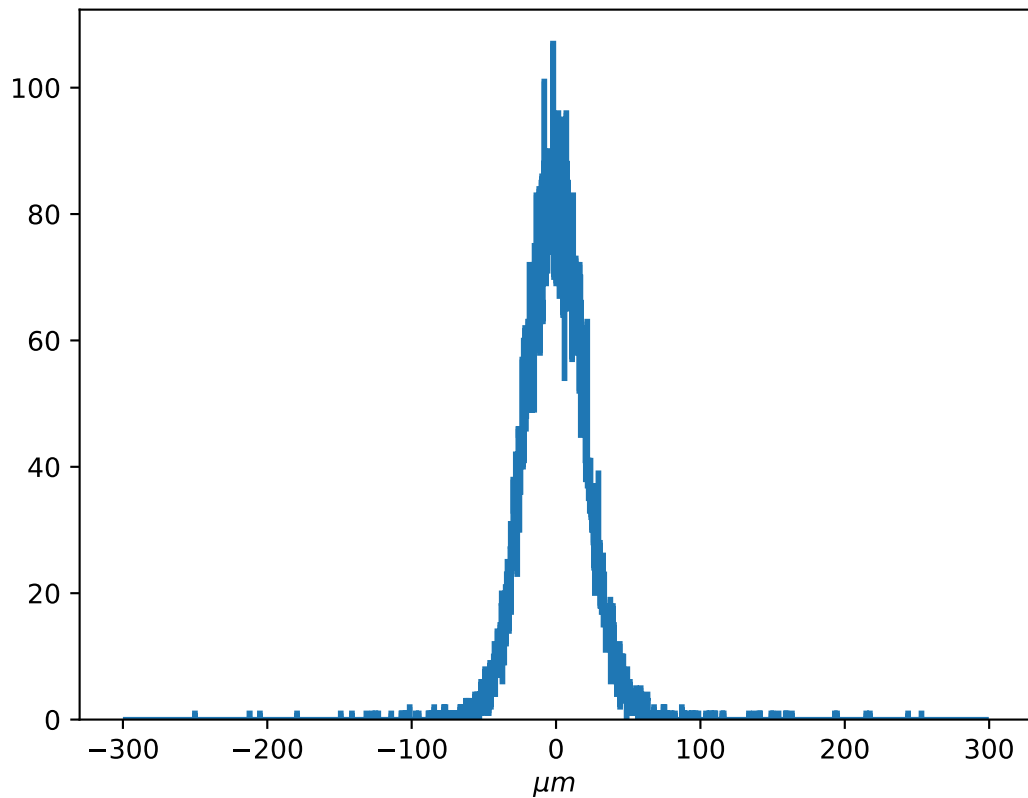residuals in y for clustersize = 9, $\sigma = 20.02$

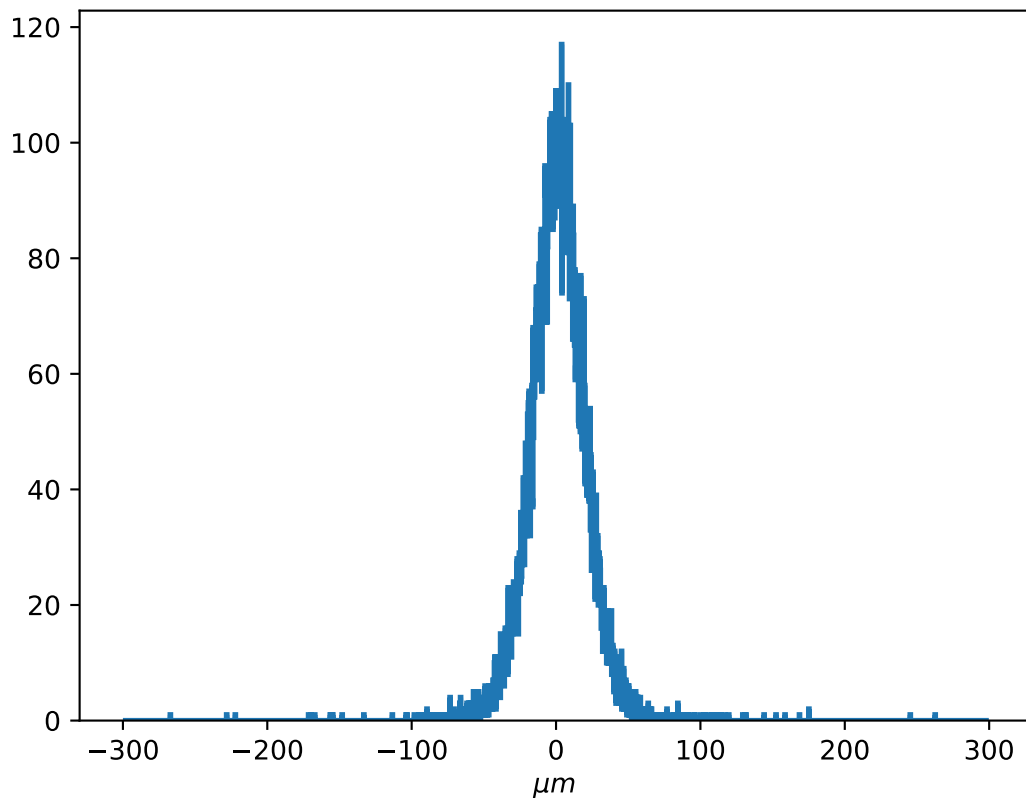residuals in y for clustersize = 10, σ = 20.95

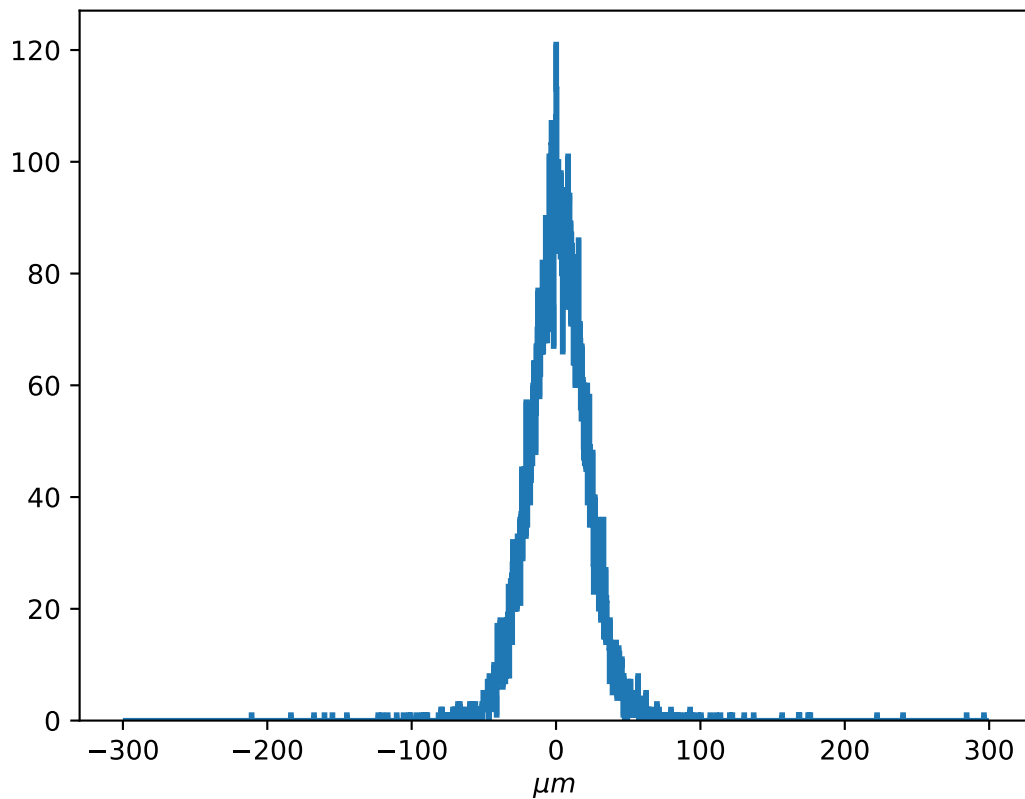residuals in y for clustersize = 11, σ = 22.05

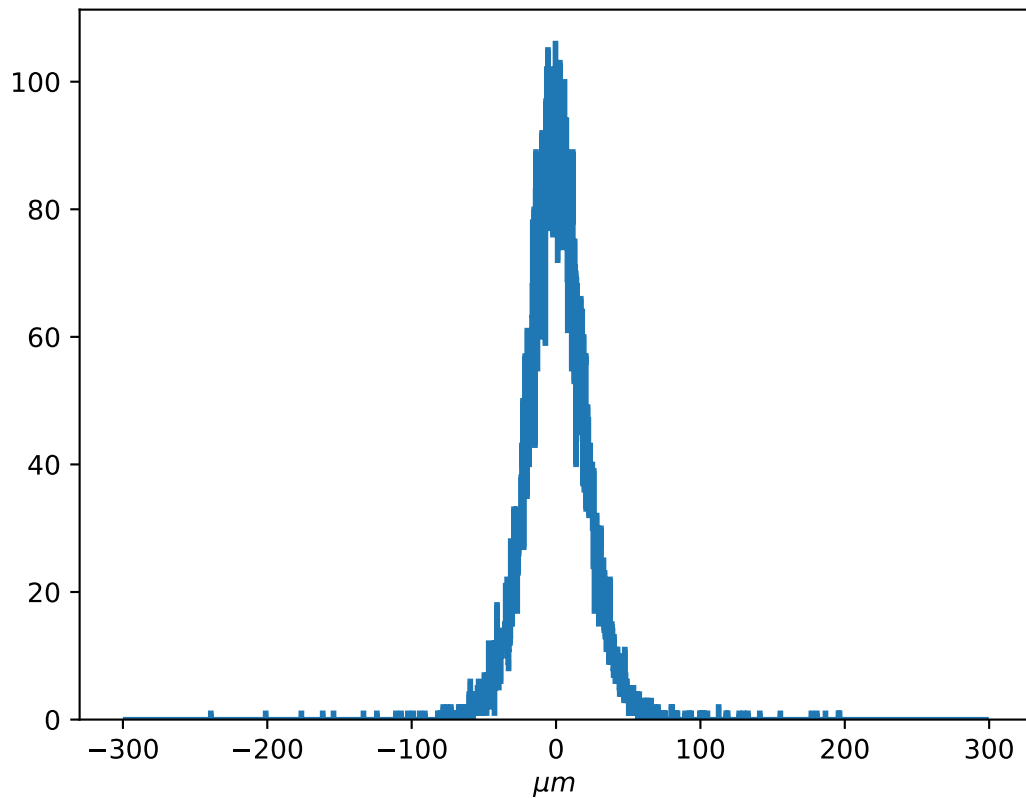residuals in y for clustersize = 12, σ = 22.30

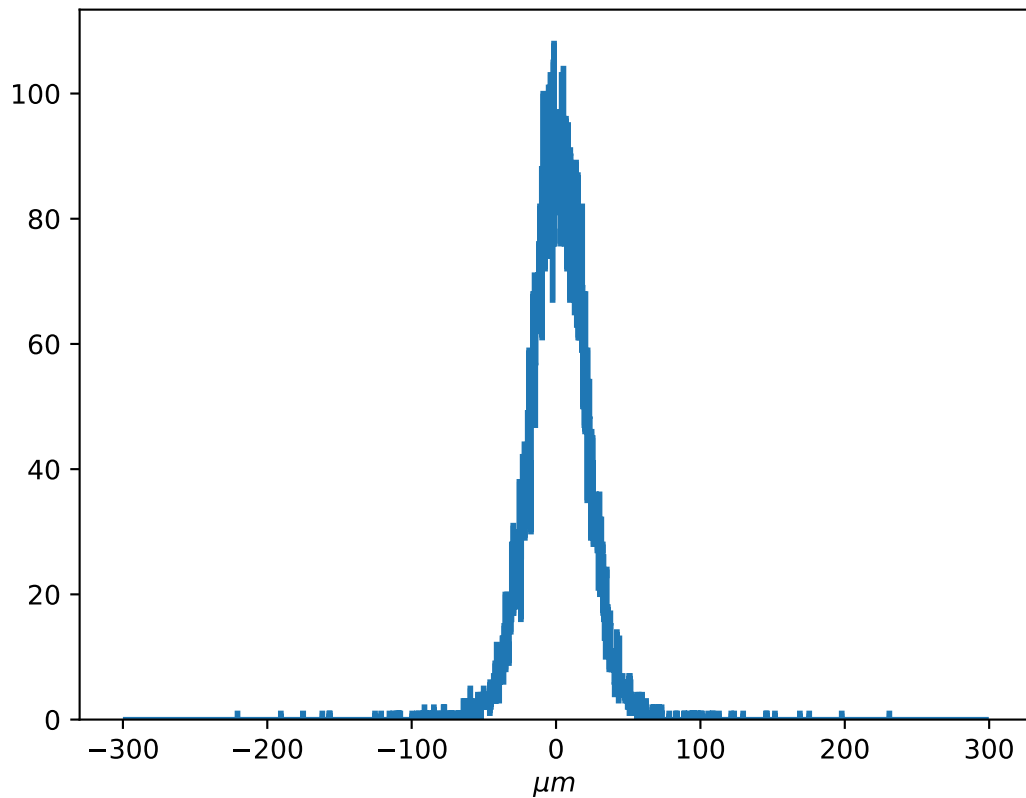residuals in y for clustersize = 13, $\sigma = 20.63$

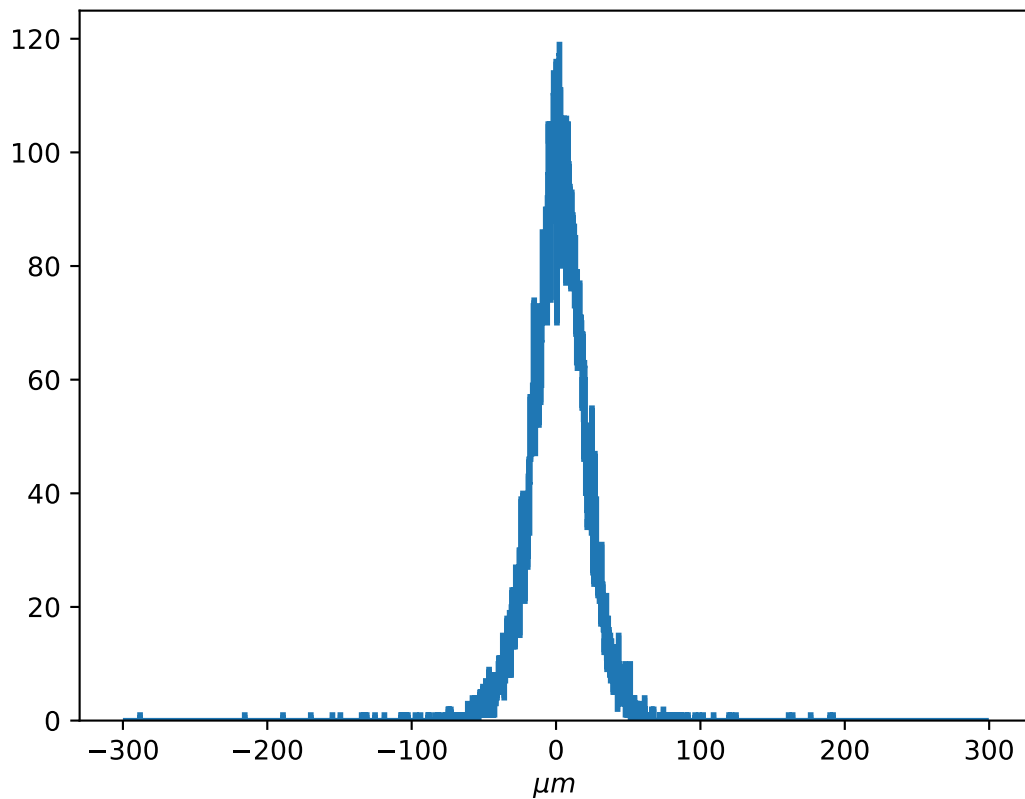residuals in y for clustersize = 14, σ = 27.87

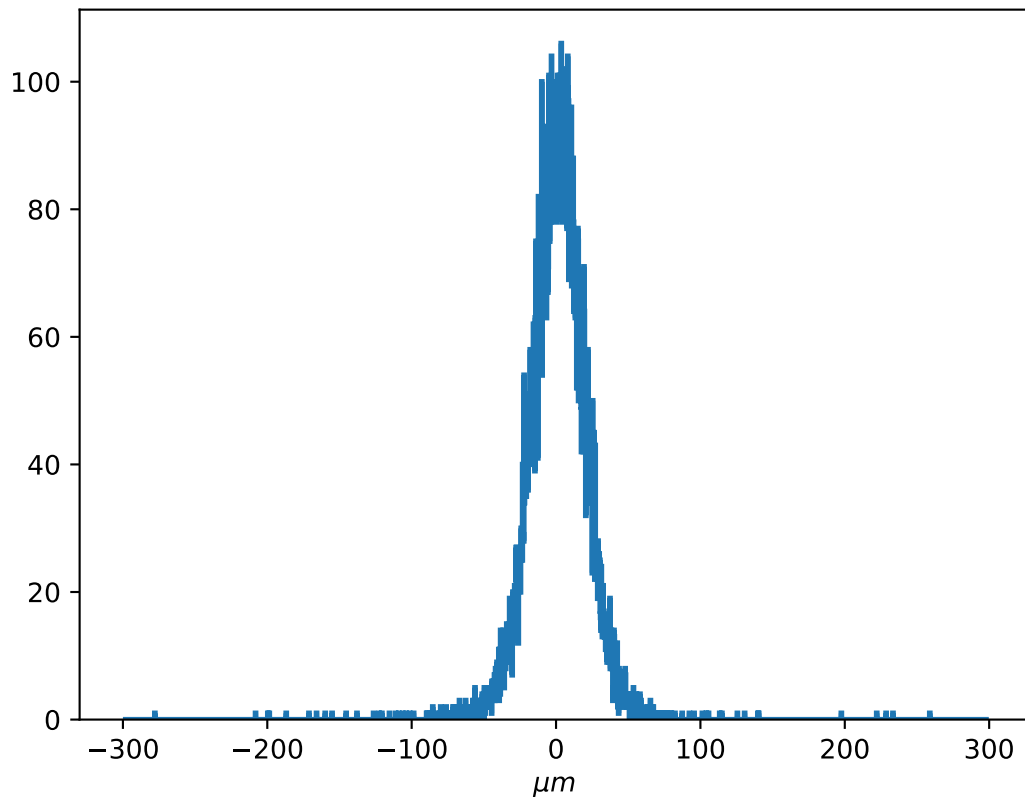residuals in y for clustersize = 15, $\sigma = 21.83$

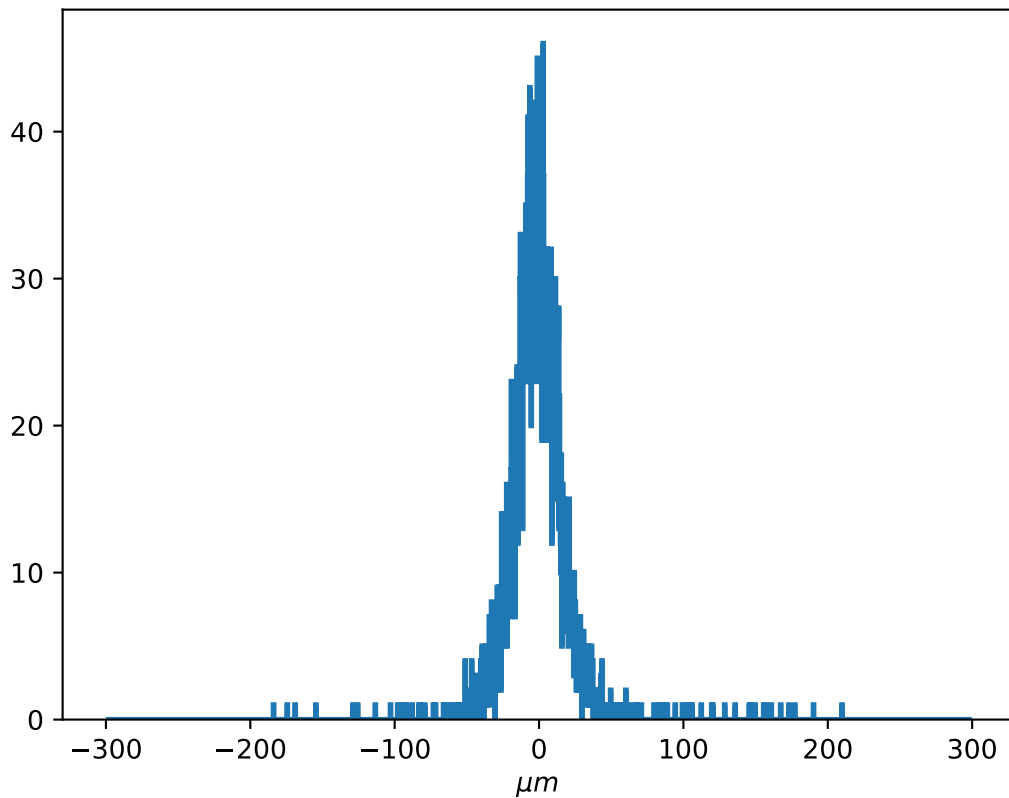residuals in y for clustersize = 16, $\sigma = 33.12$

residuals in y for clustersize = 17, σ = 19.77

residuals in y for clustersize = 18, σ = 33.08

residuals in y for clustersize = 19, $\sigma = 20.66$

residuals in y for clustersize = 20, σ = 65.47