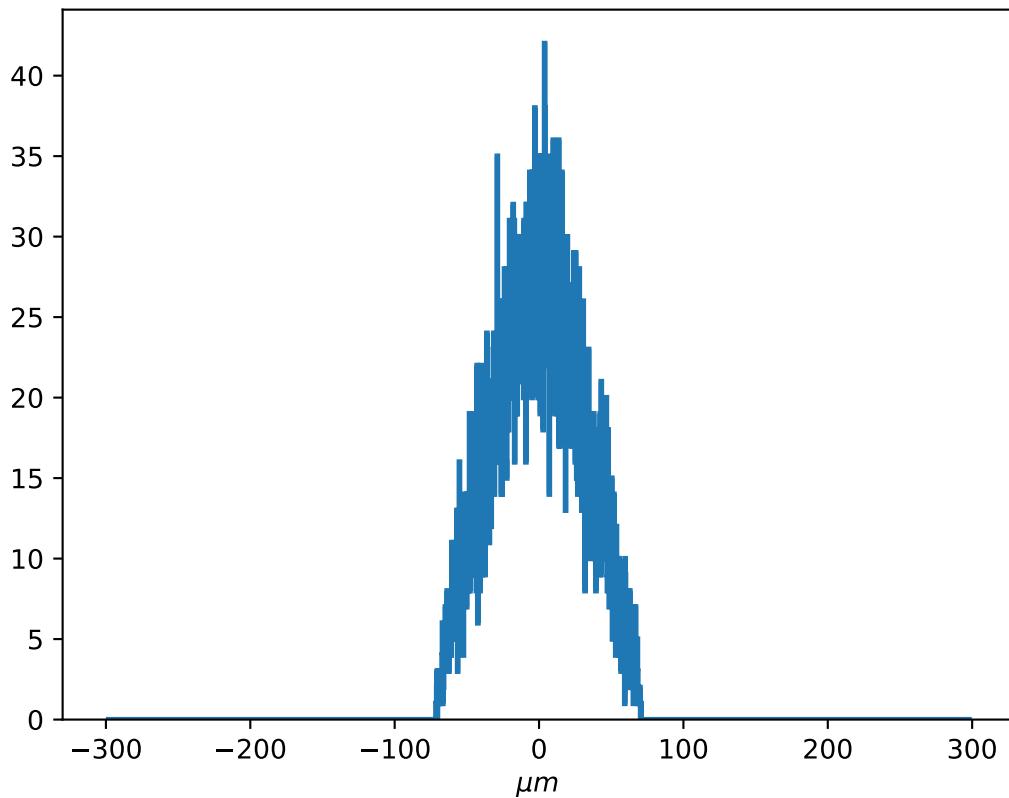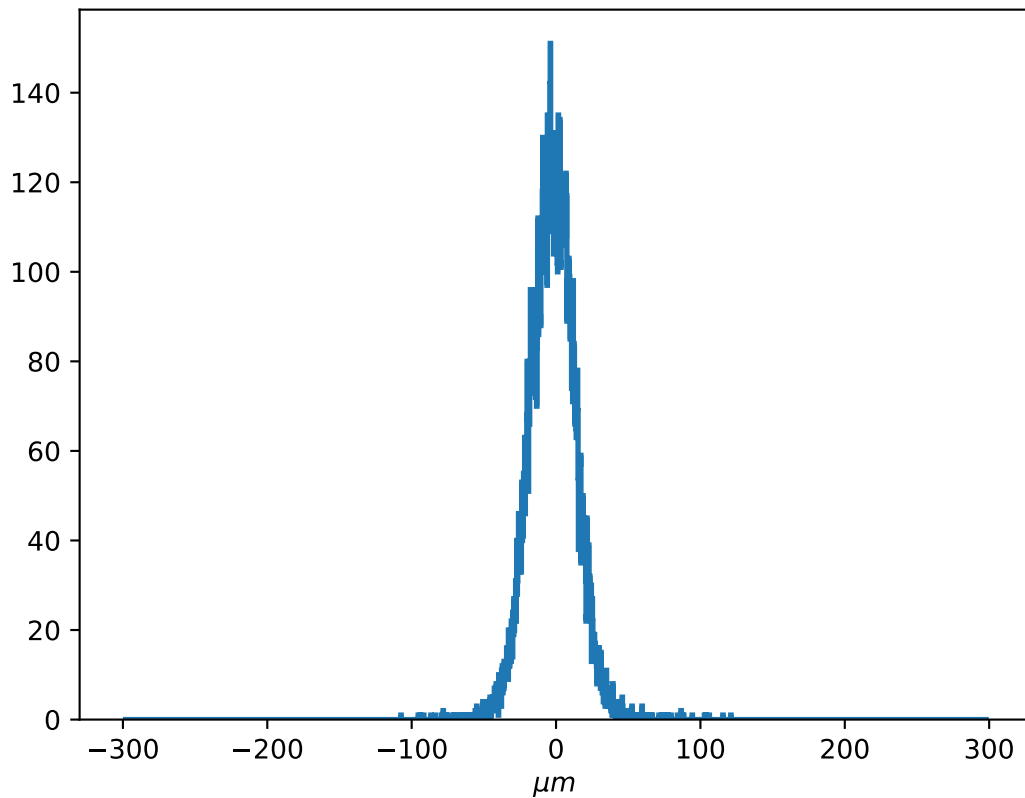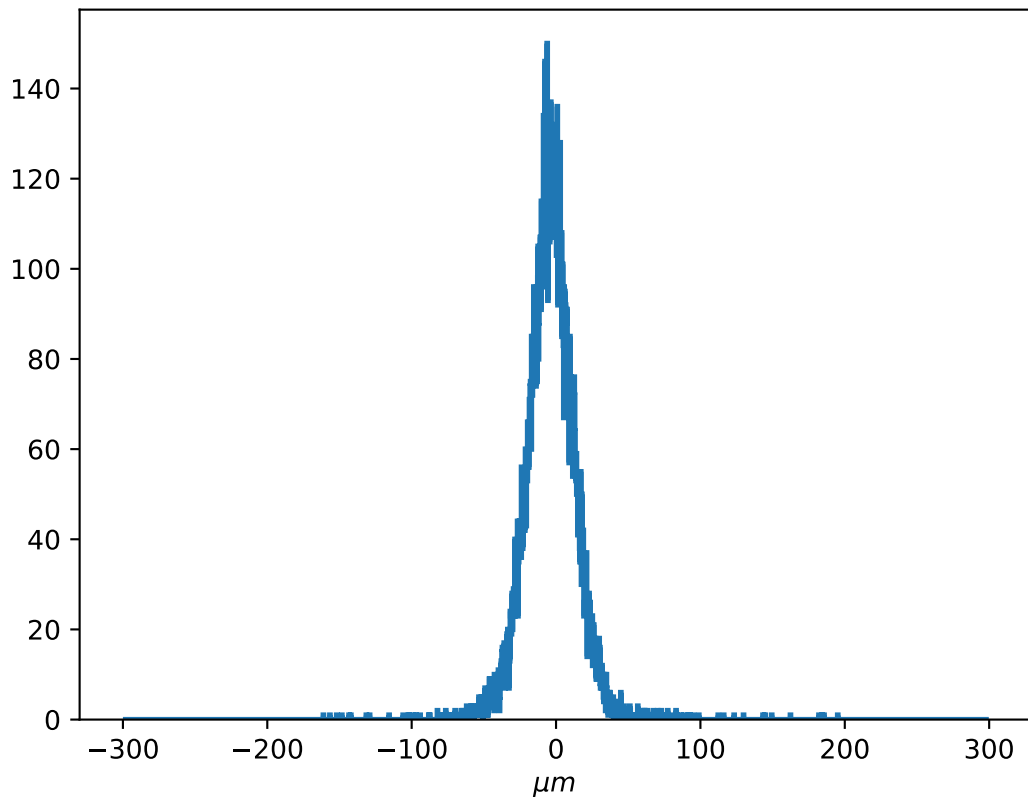residuals in y for clustersize = 1, $\sigma = 30.27$
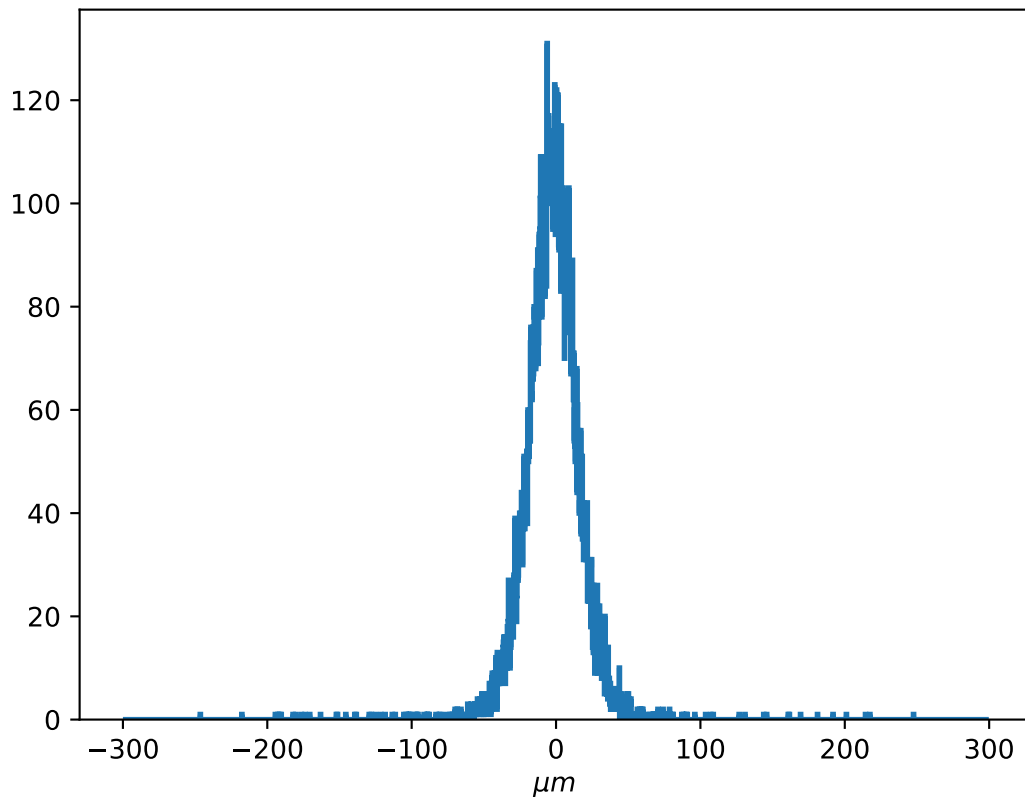
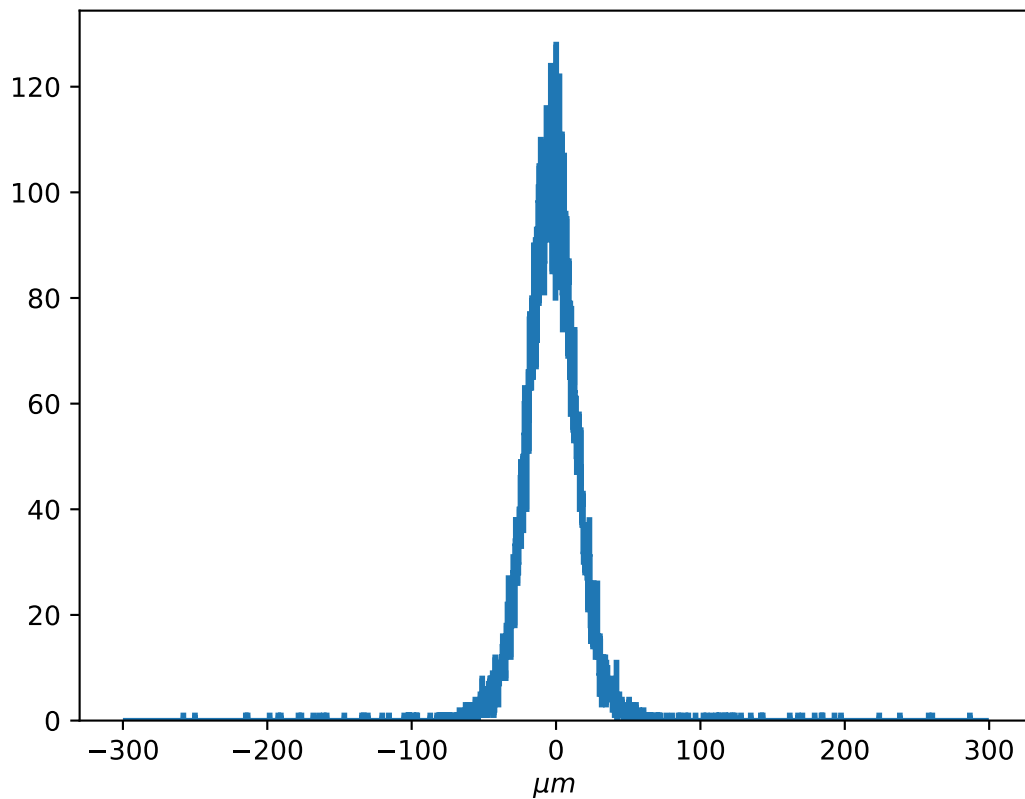residuals in y for clustersize = 2, $\sigma = 15.75$

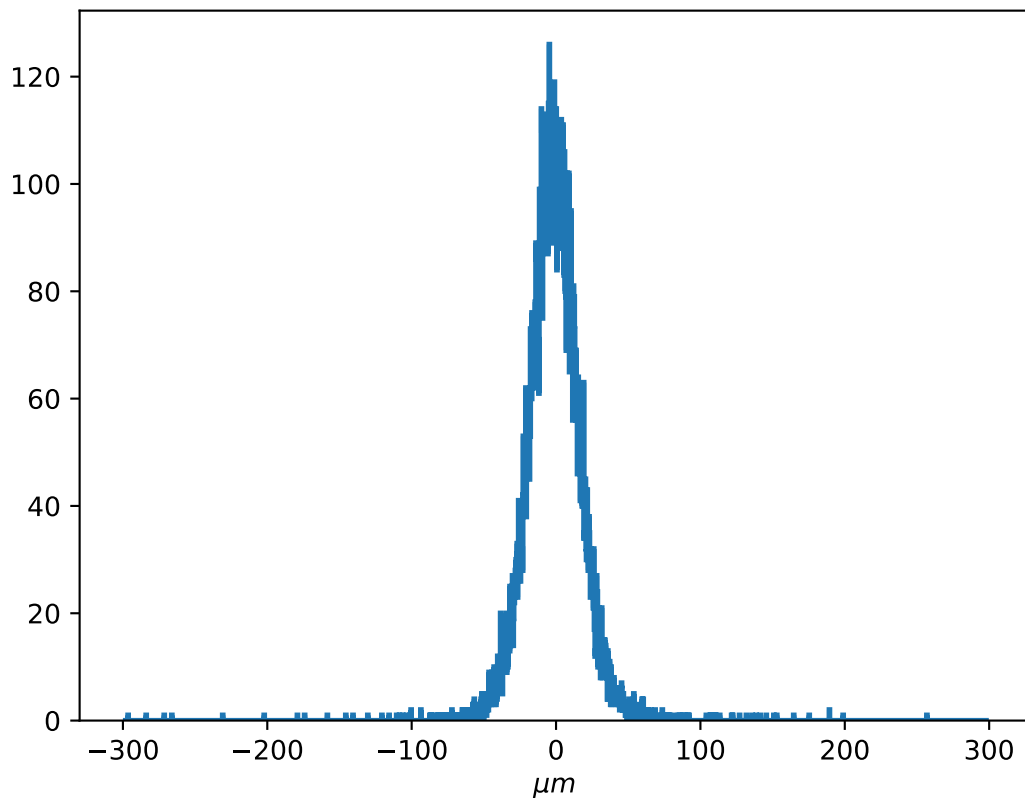residuals in y for clustersize = 3, σ = 17.53

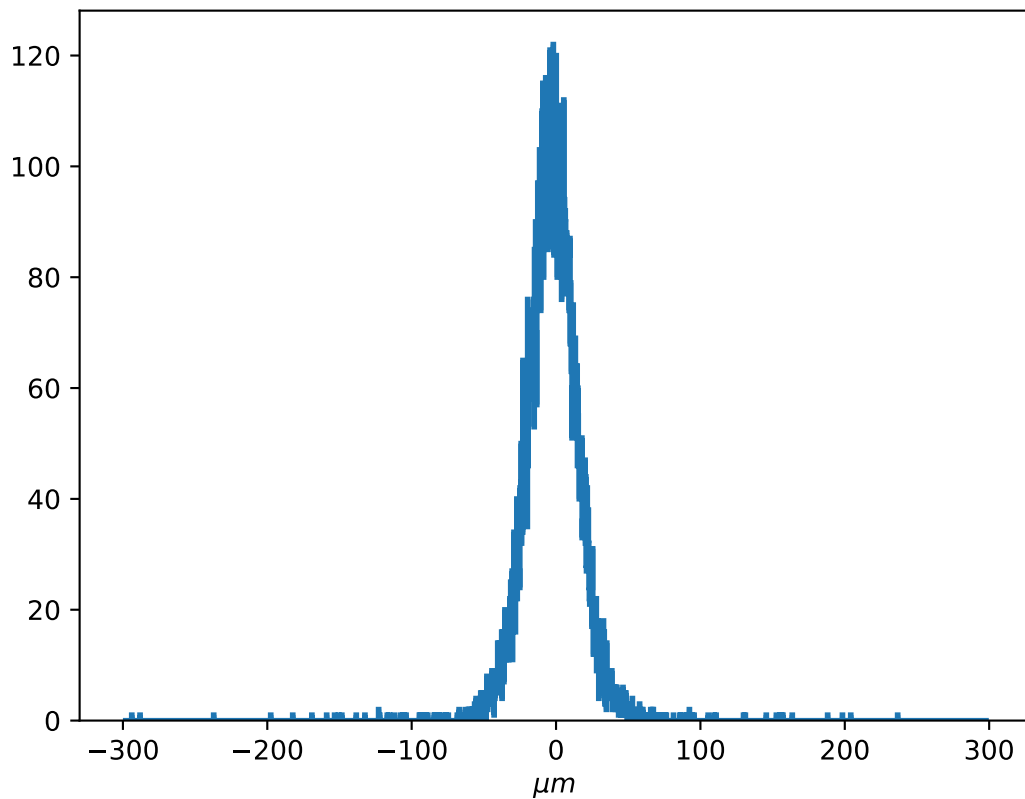residuals in y for clustersize = 4, $\sigma = 19.17$

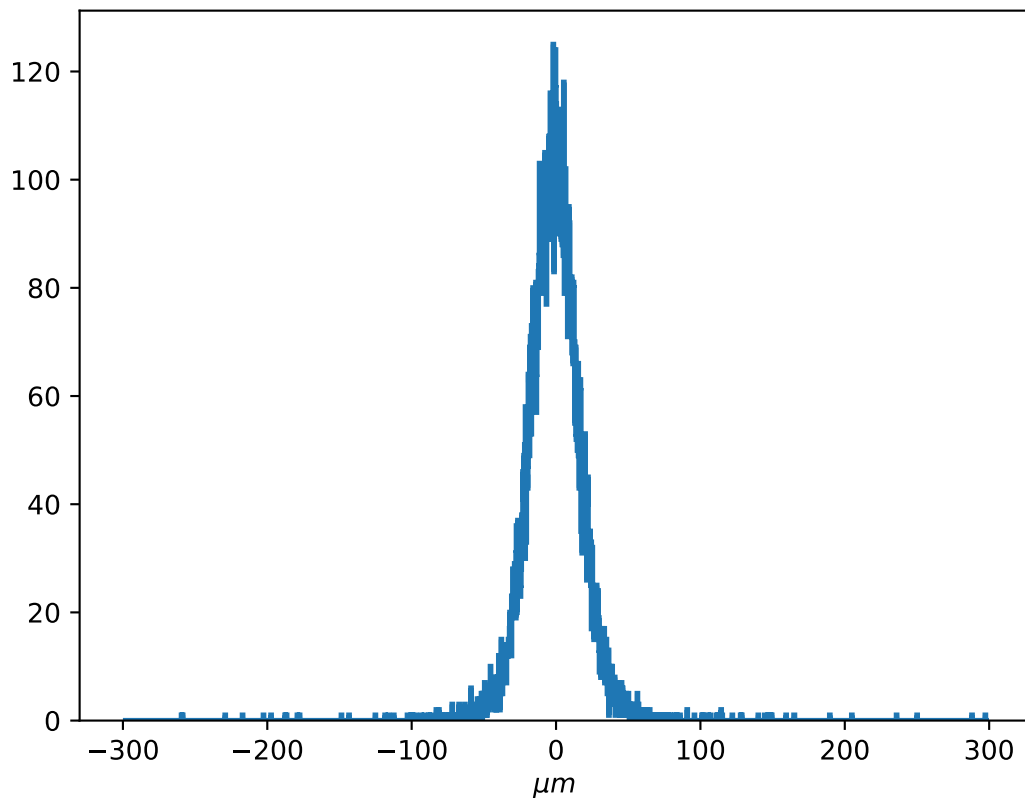residuals in y for clustersize = 5, $\sigma = 19.72$

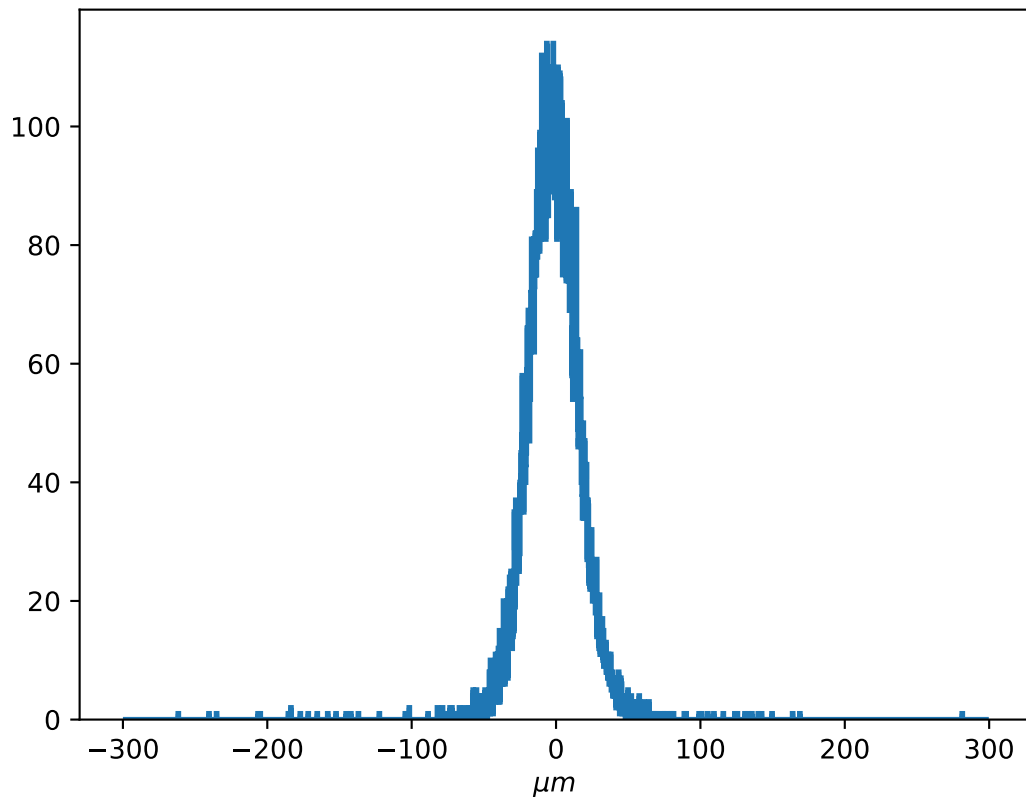residuals in y for clustersize = 6, $\sigma = 20.26$

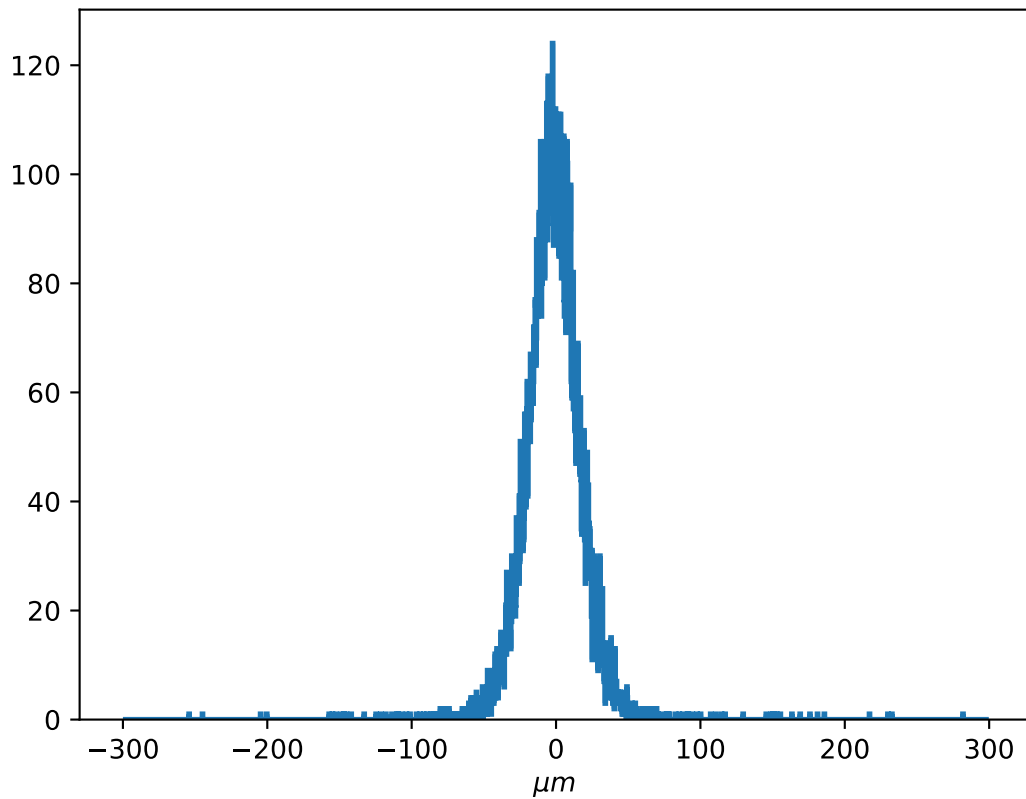residuals in y for clustersize = 7, $\sigma = 19.42$

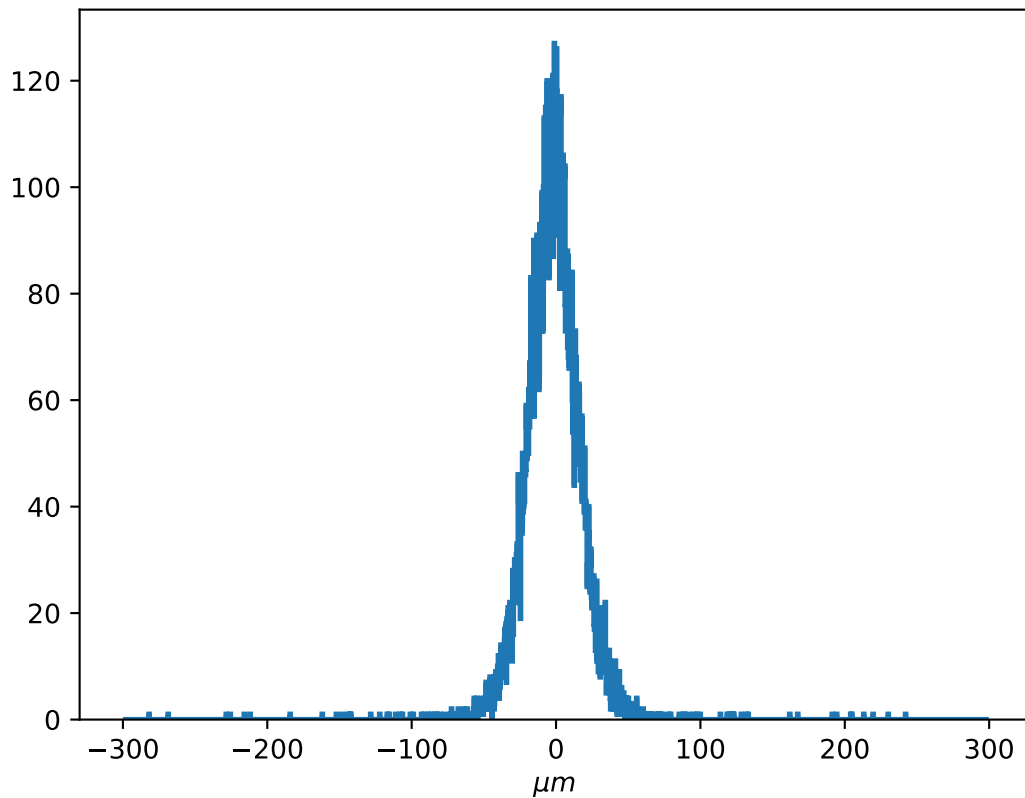residuals in y for clustersize = 8, $\sigma = 20.26$

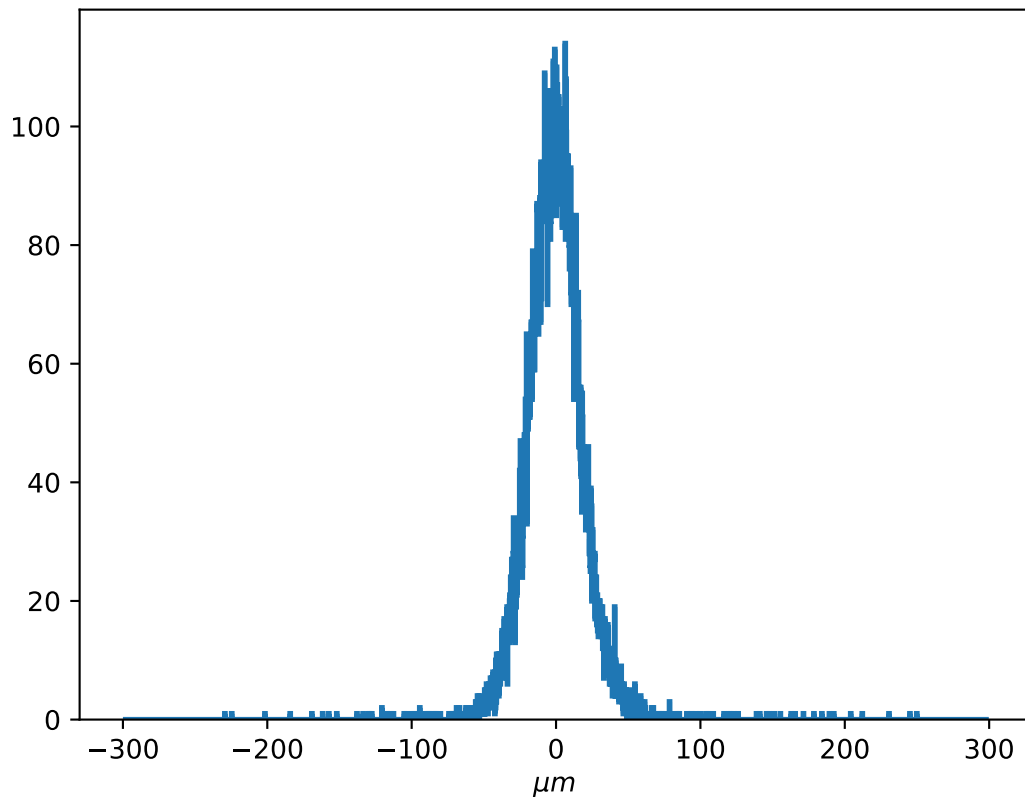residuals in y for clustersize = 9, $\sigma = 19.27$

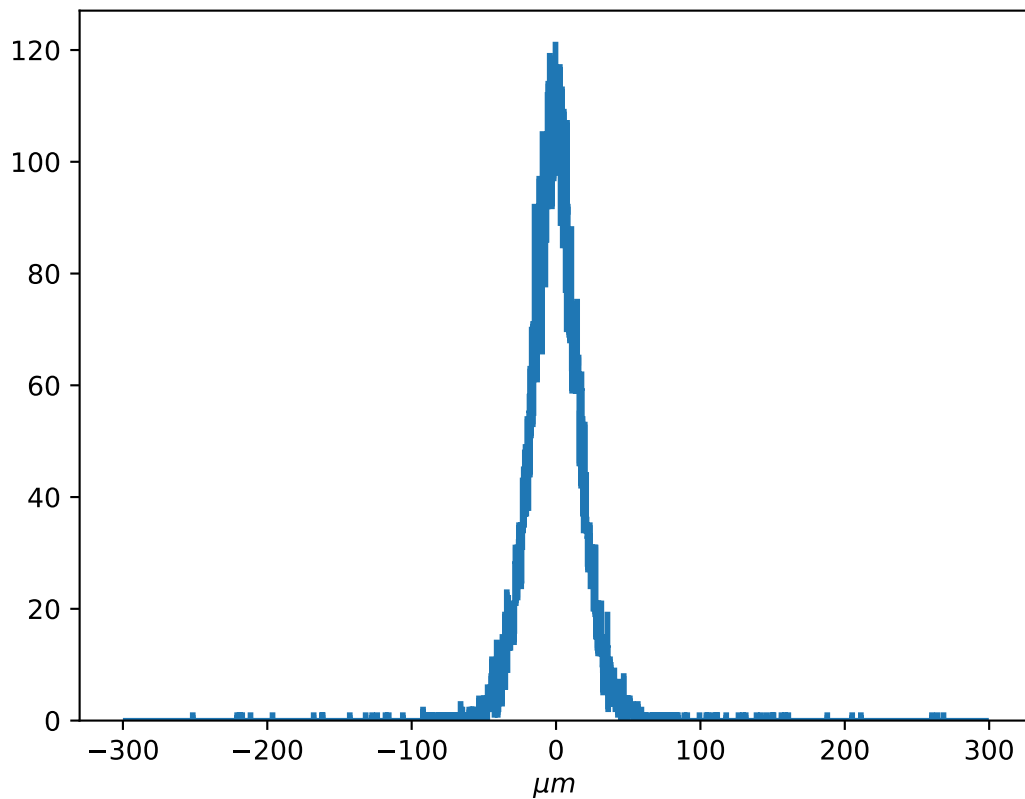residuals in y for clustersize = 10, $\sigma = 20.71$

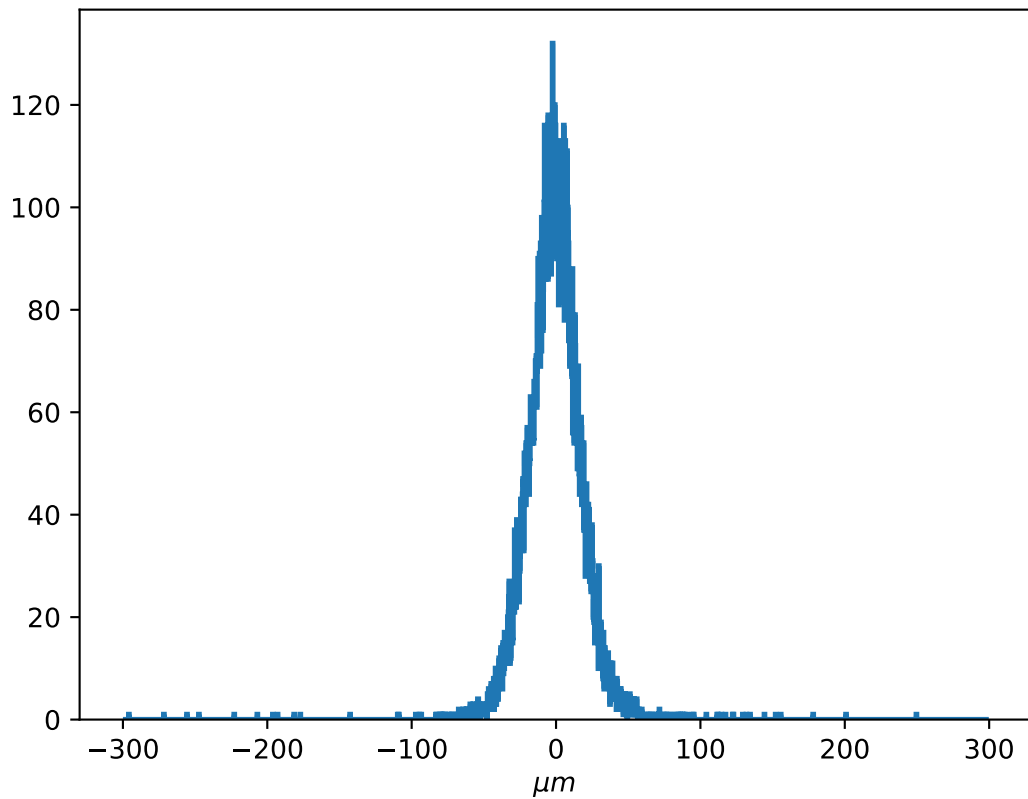residuals in y for clustersize = 11, σ = 19.93

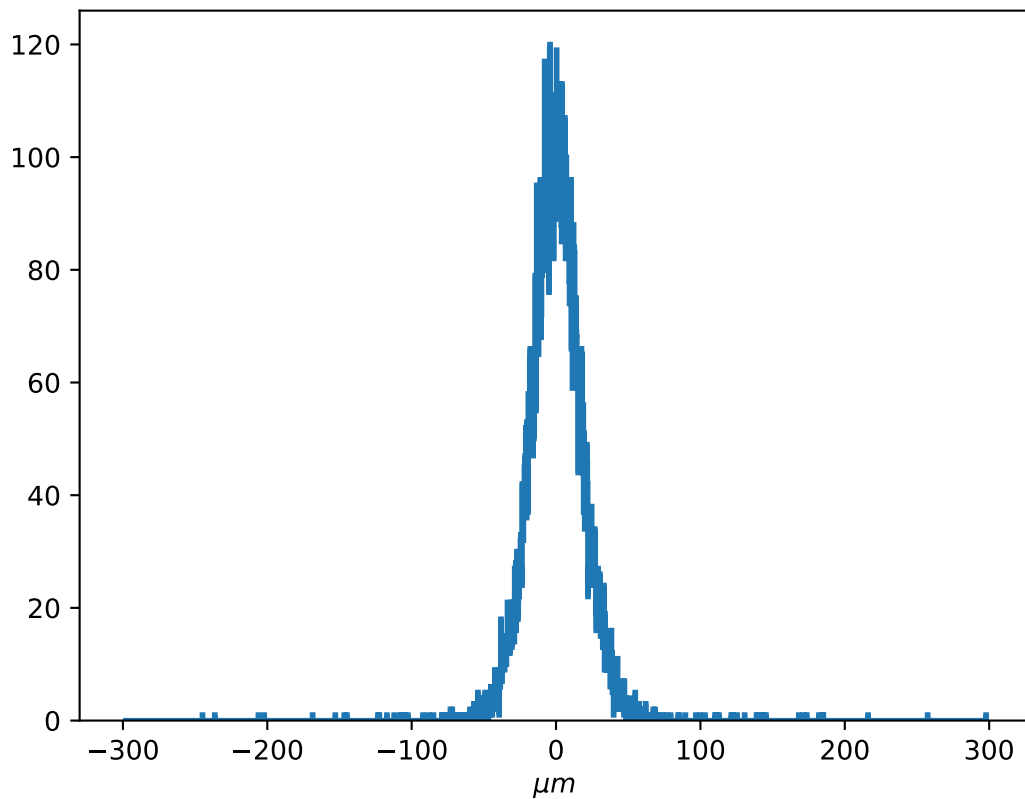residuals in y for clustersize = 12, σ = 21.06

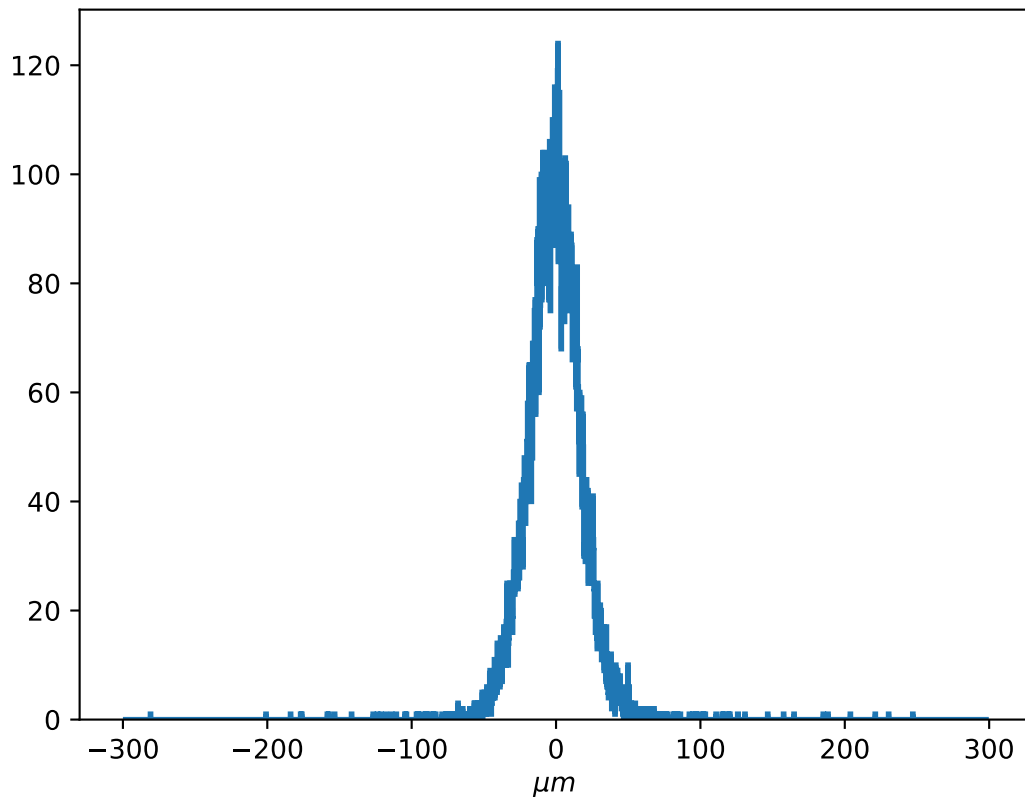residuals in y for clustersize = 13, $\sigma = 19.22$

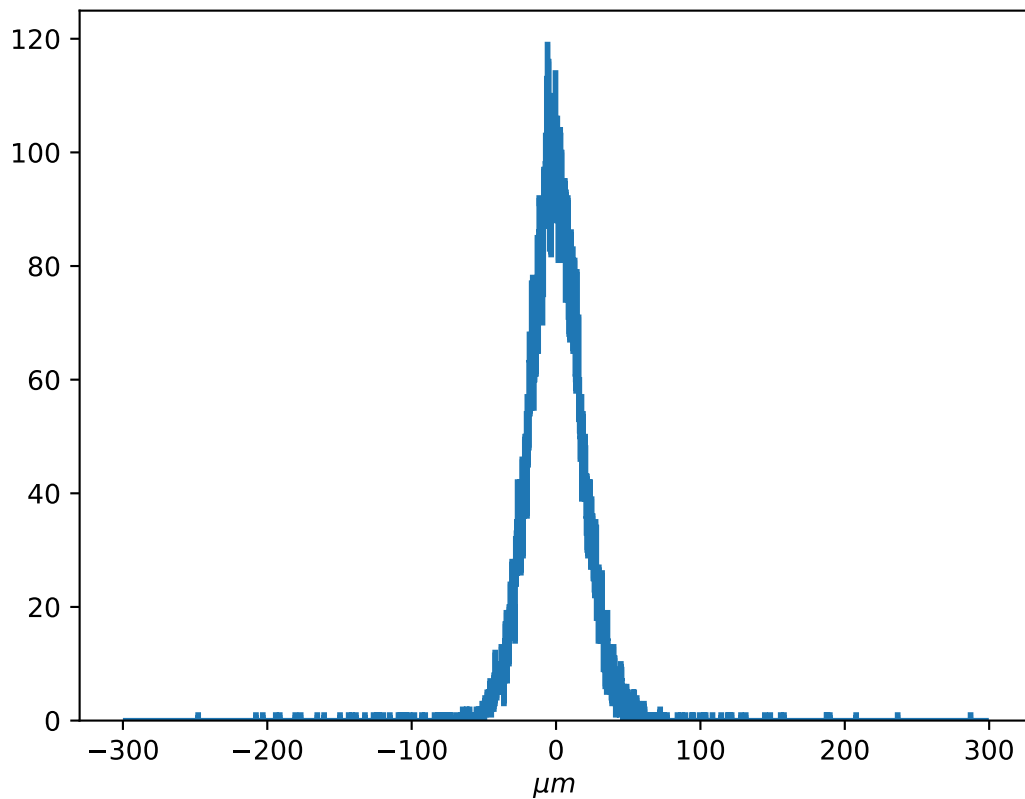residuals in y for clustersize = 14, σ = 19.61

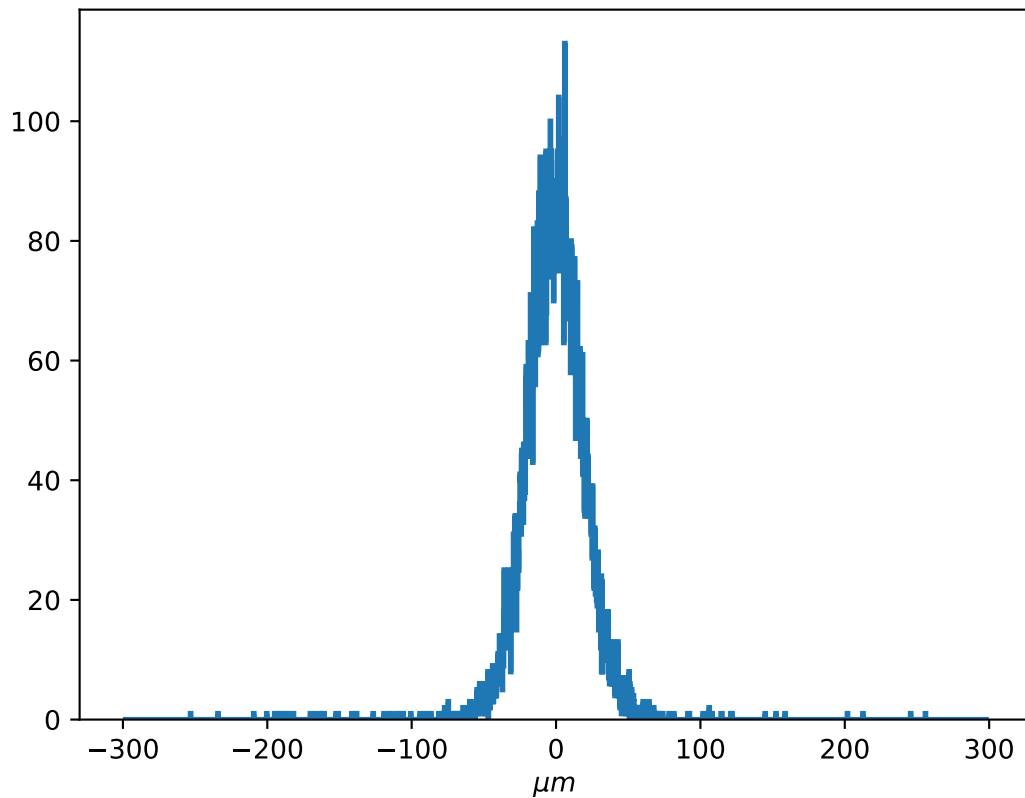residuals in y for clustersize = 15, $\sigma = 20.05$

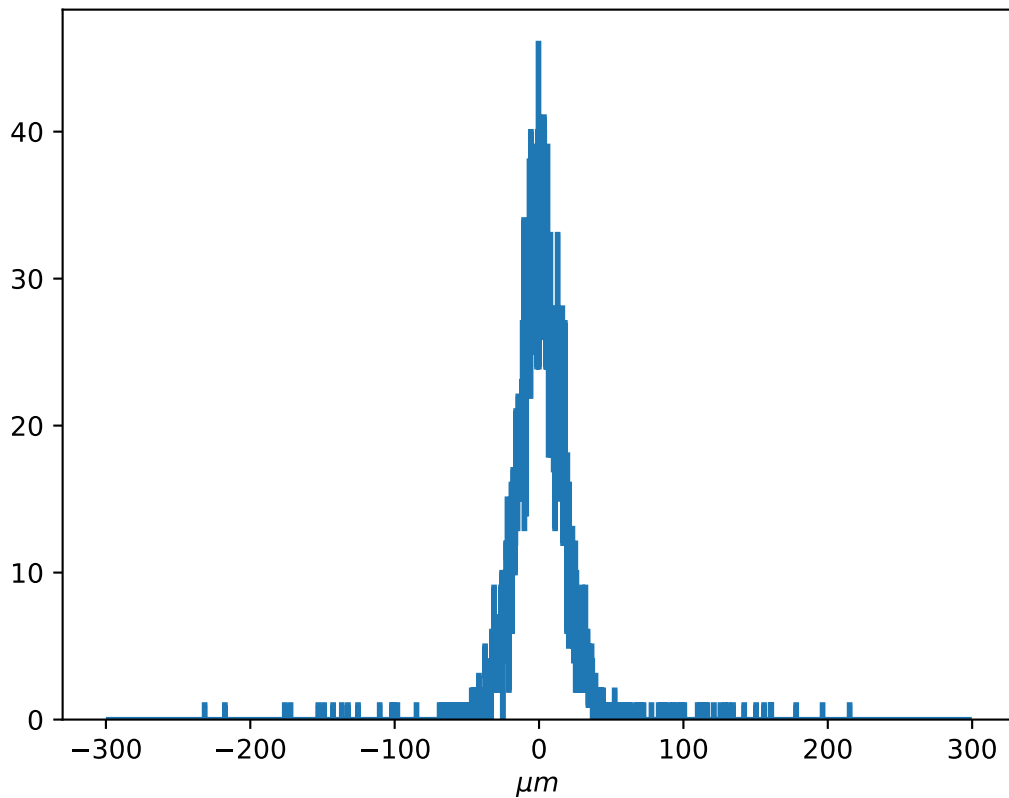residuals in y for clustersize = 16, σ = 19.58

residuals in y for clustersize = 17, σ = 20.00

residuals in y for clustersize = 18, $\sigma = 21.01$

residuals in y for clustersize = 19, $\sigma = 20.74$

residuals in y for clustersize = 20, $\sigma = 57.43$