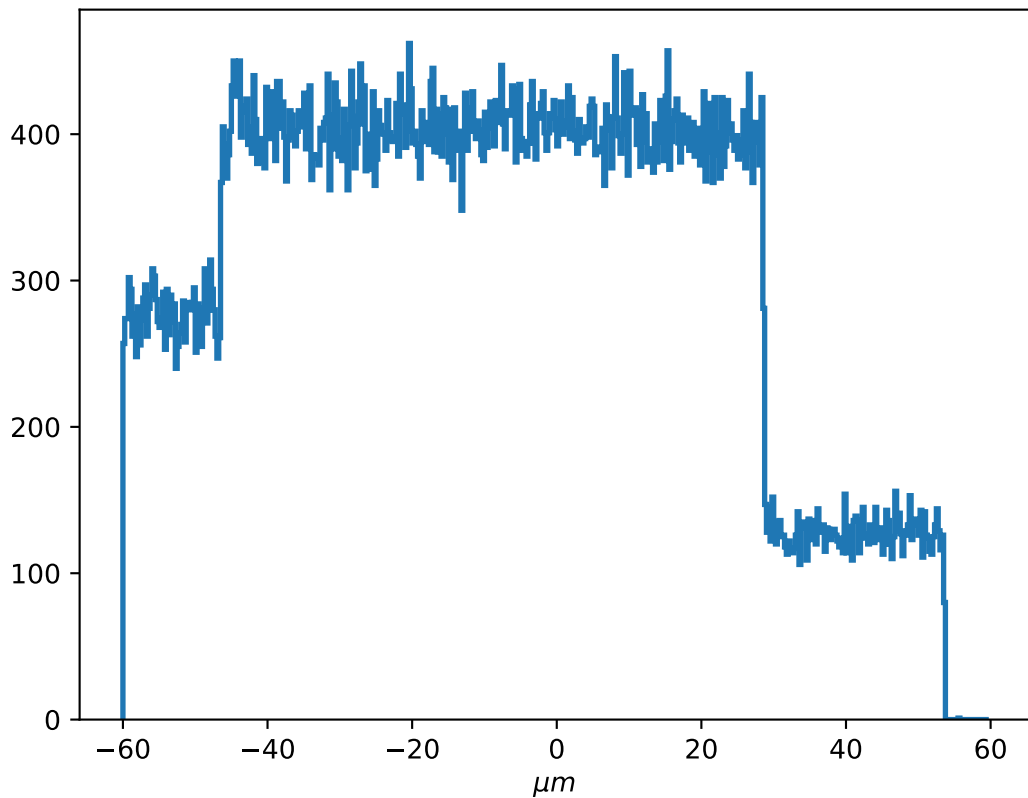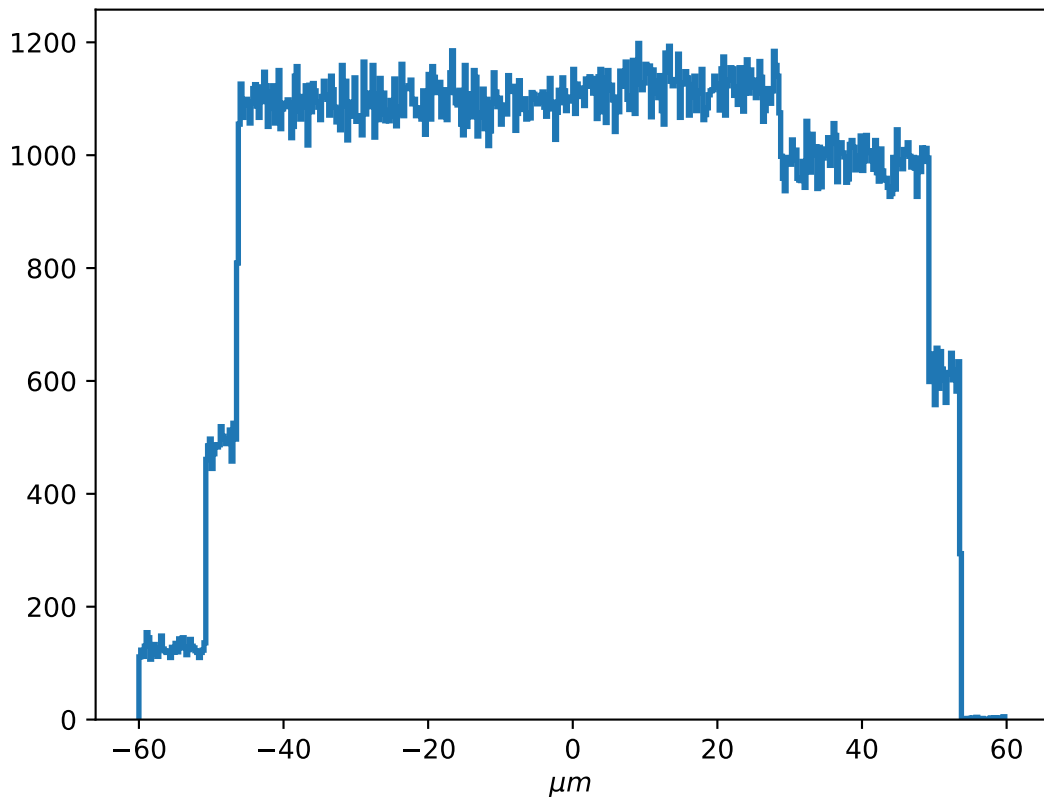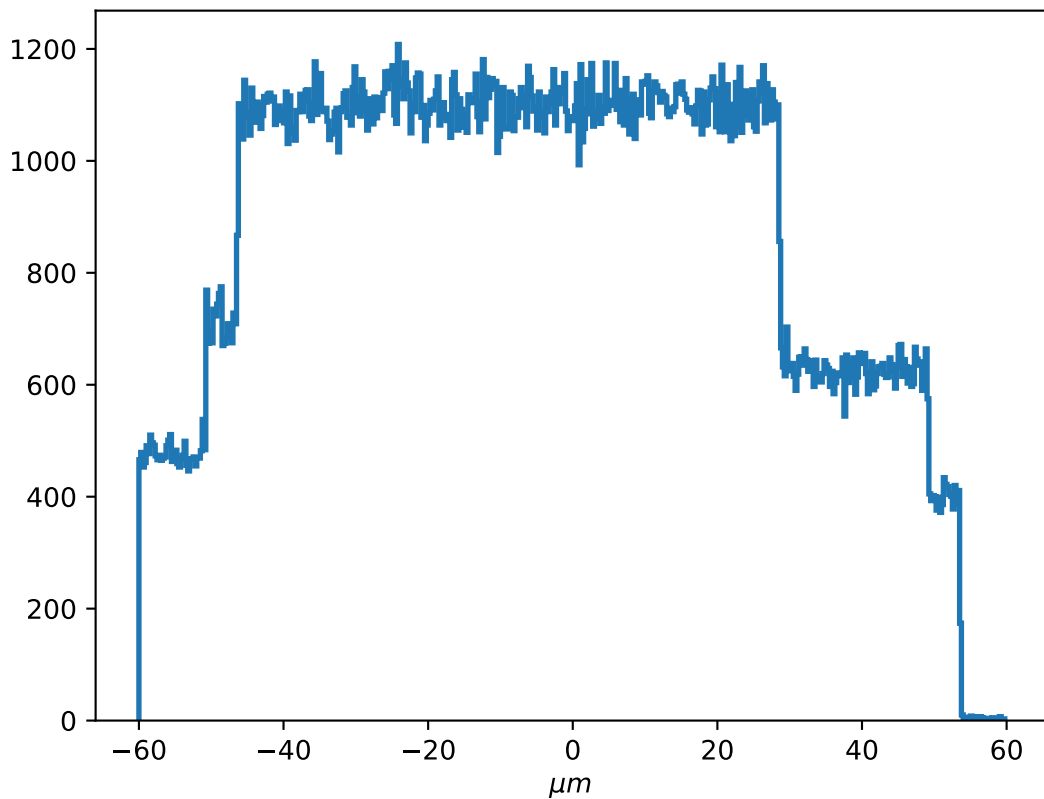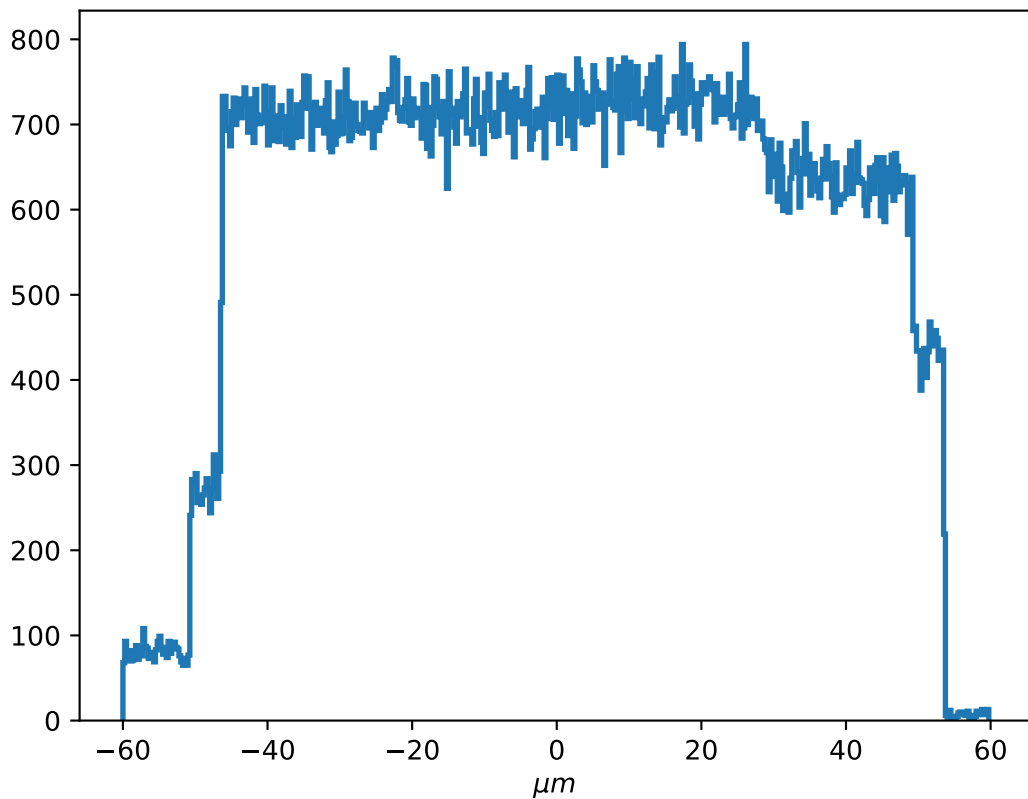residuals in x for clustersize = 1, $\sigma = 31.12$

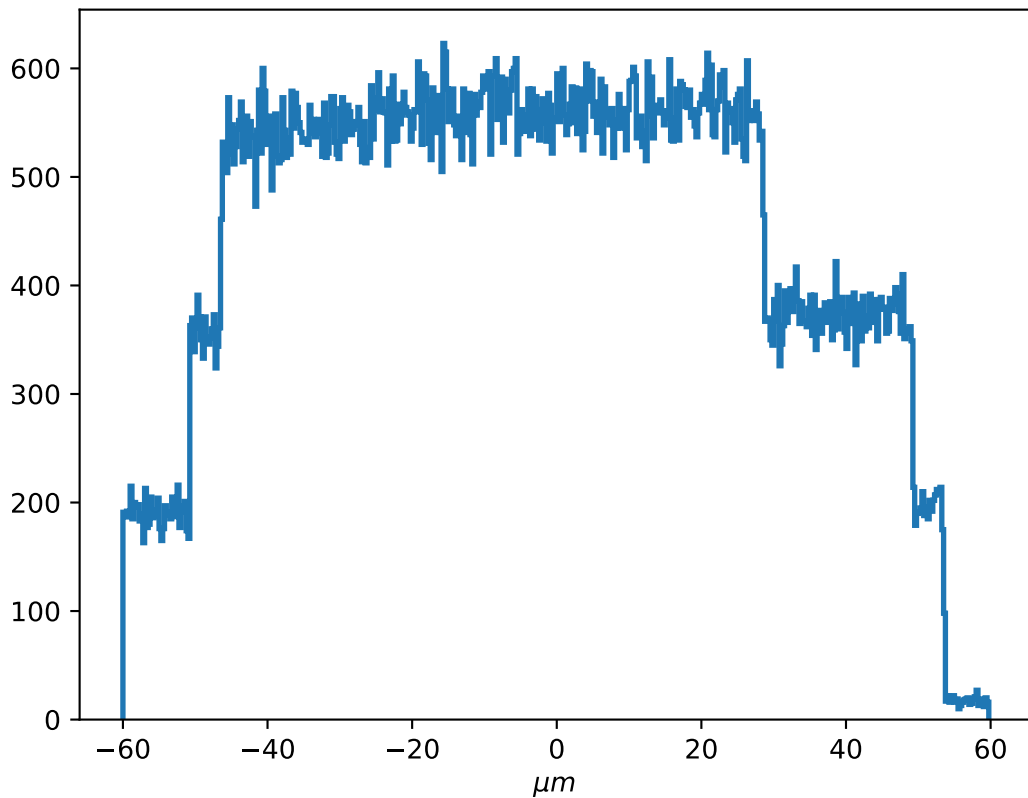residuals in x for clustersize = 2, σ = 29.91

residuals in x for clustersize = 3, $\sigma = 31.20$
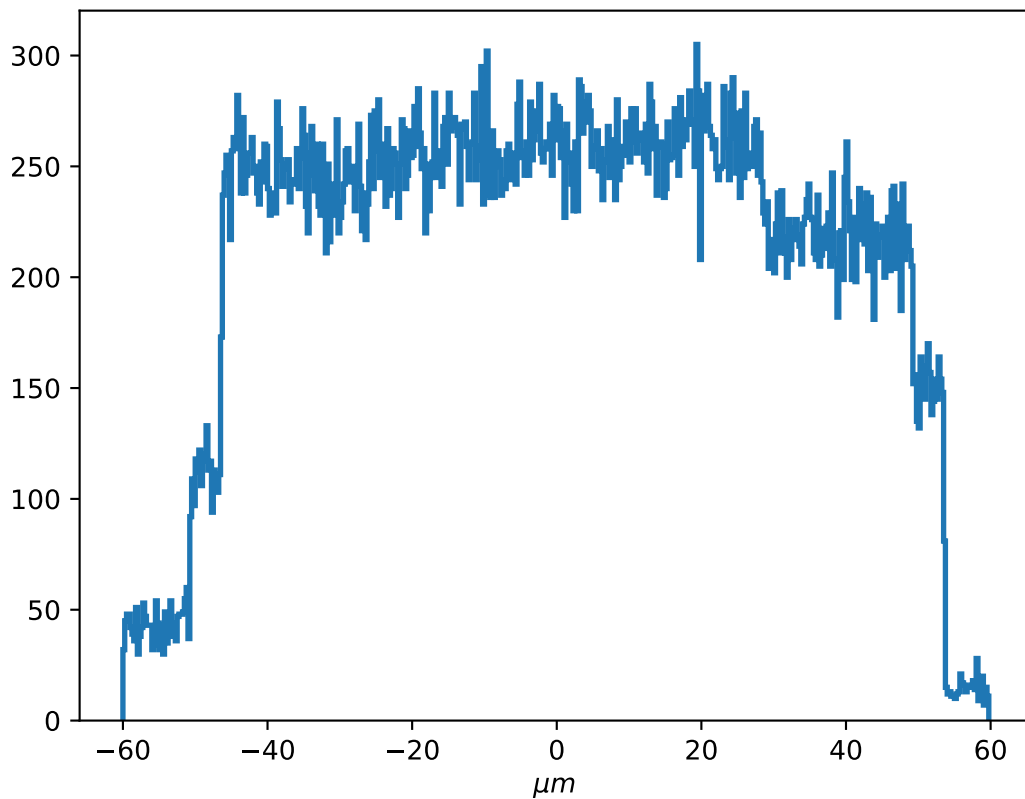
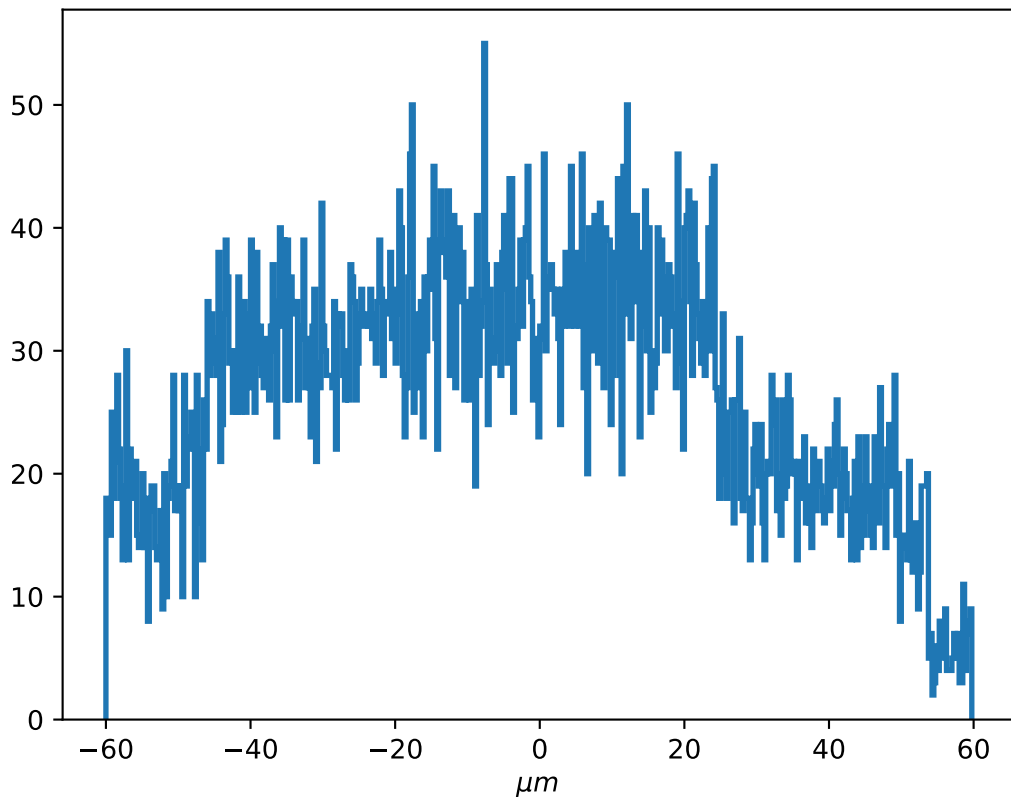residuals in x for clustersize = 4, σ = 29.96

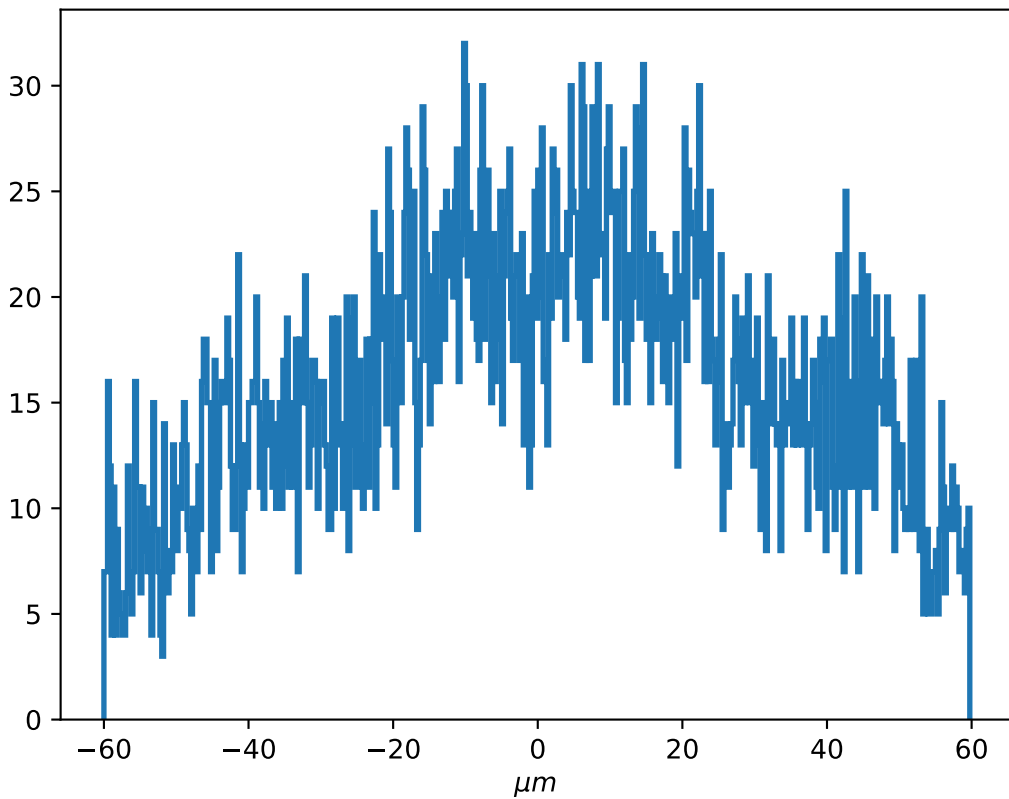residuals in x for clustersize = 5, $\sigma = 31.37$

residuals in x for clustersize = 6, $\sigma = 31.23$

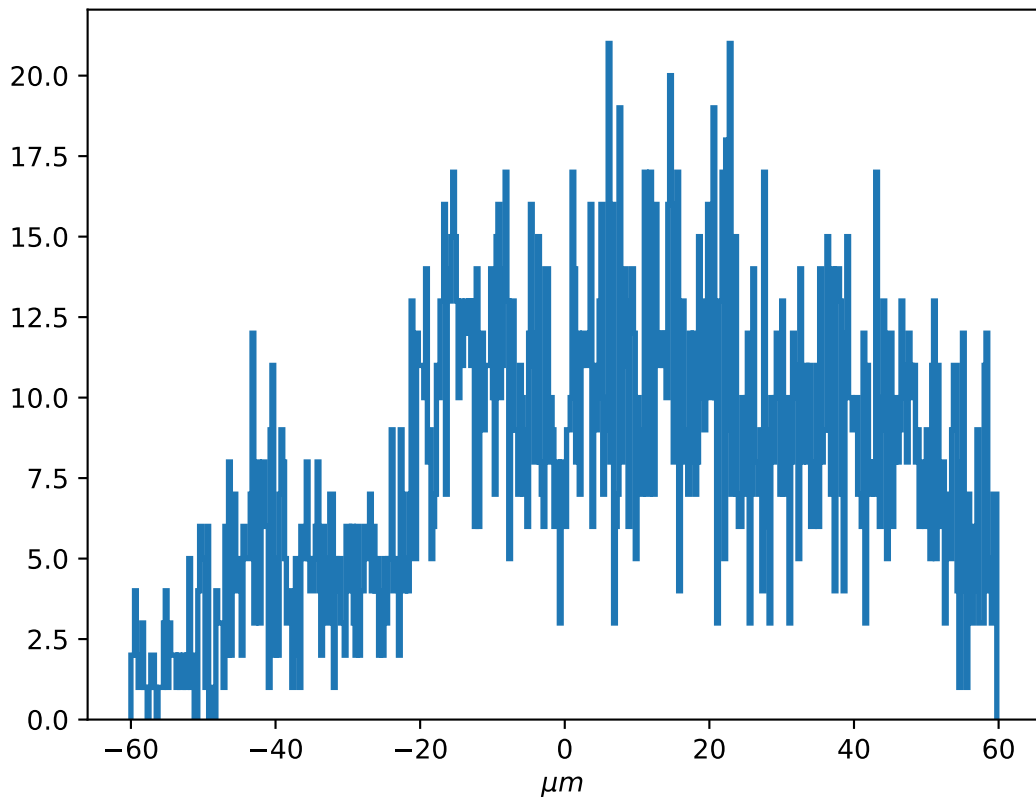residuals in x for clustersize = 7, $\sigma = 36.83$

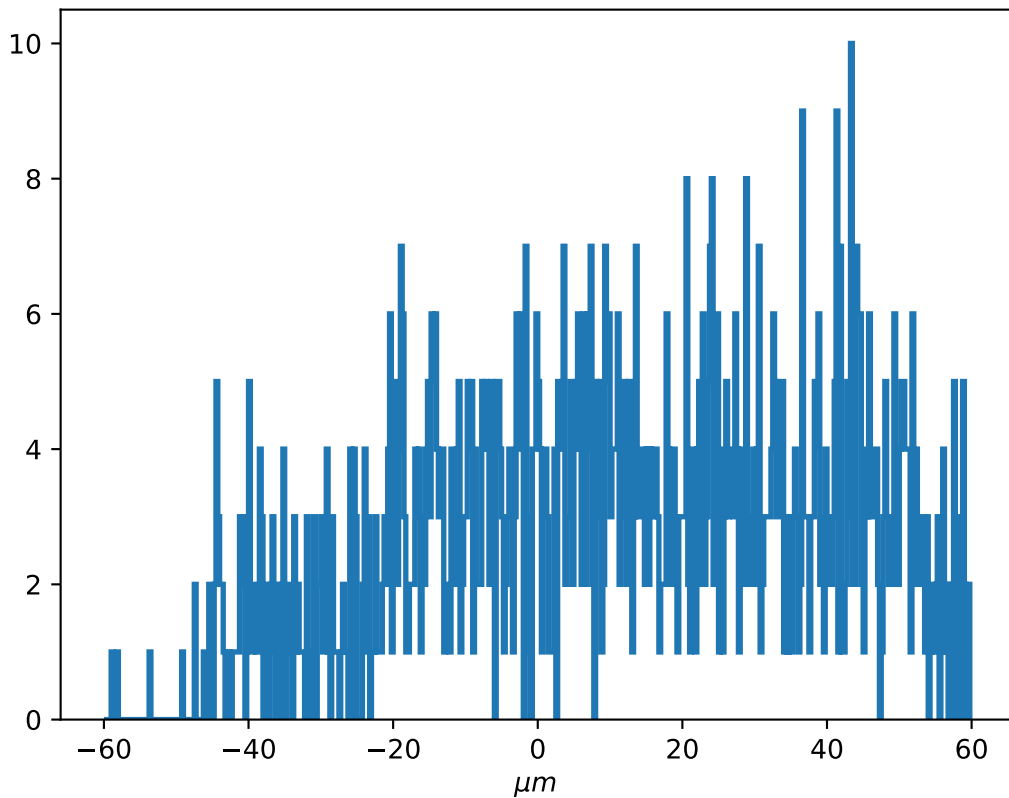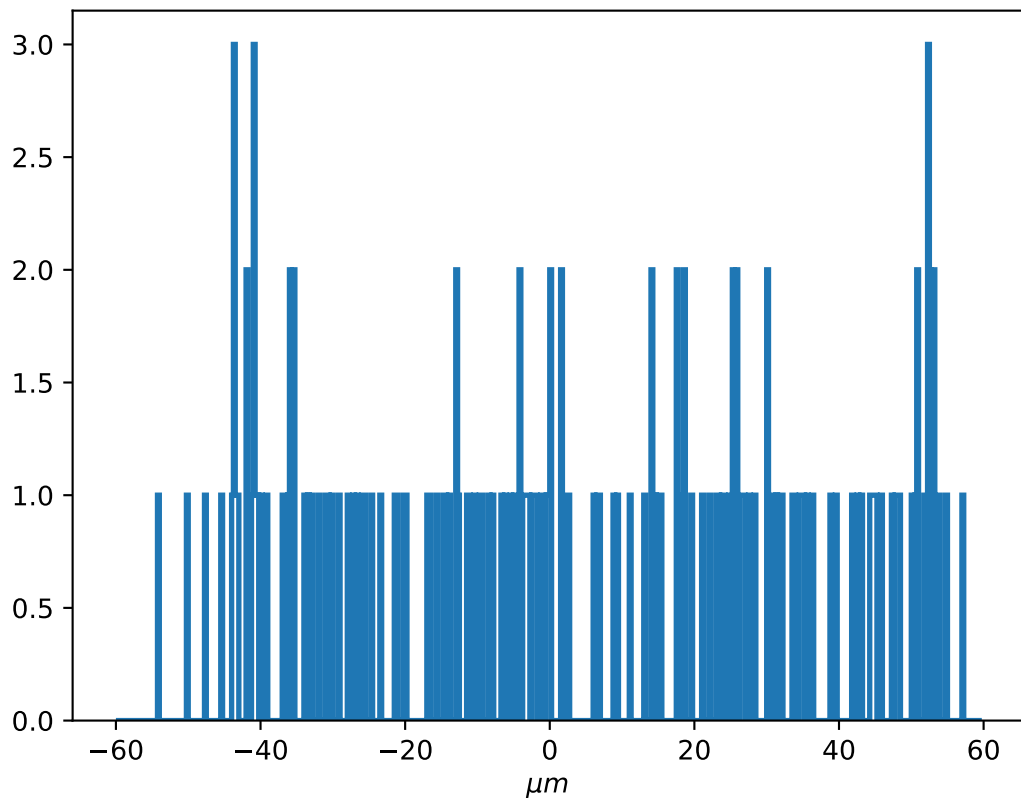residuals in x for clustersize = 8, $\sigma = 39.73$

residuals in x for clustersize = 9, $\sigma = 37.49$

residuals in x for clustersize = 10, $\sigma = 33.71$

residuals in x for clustersize = 11, $\sigma = 32.33$

residuals in x for clustersize = 12, σ = 28.97