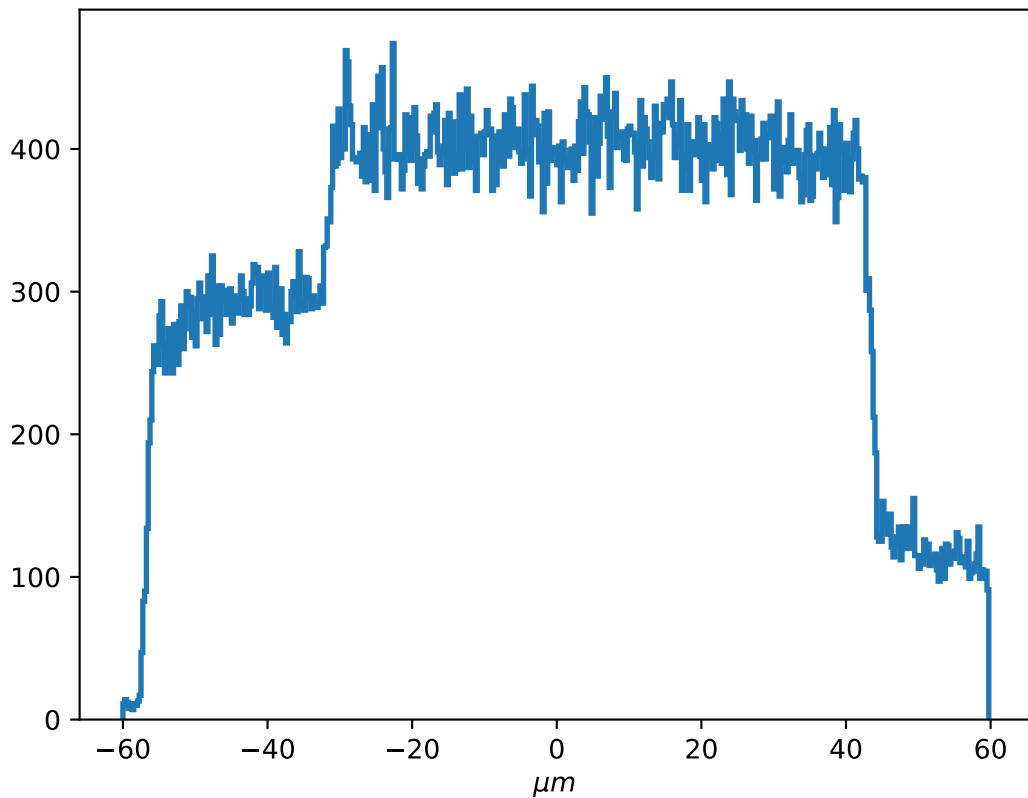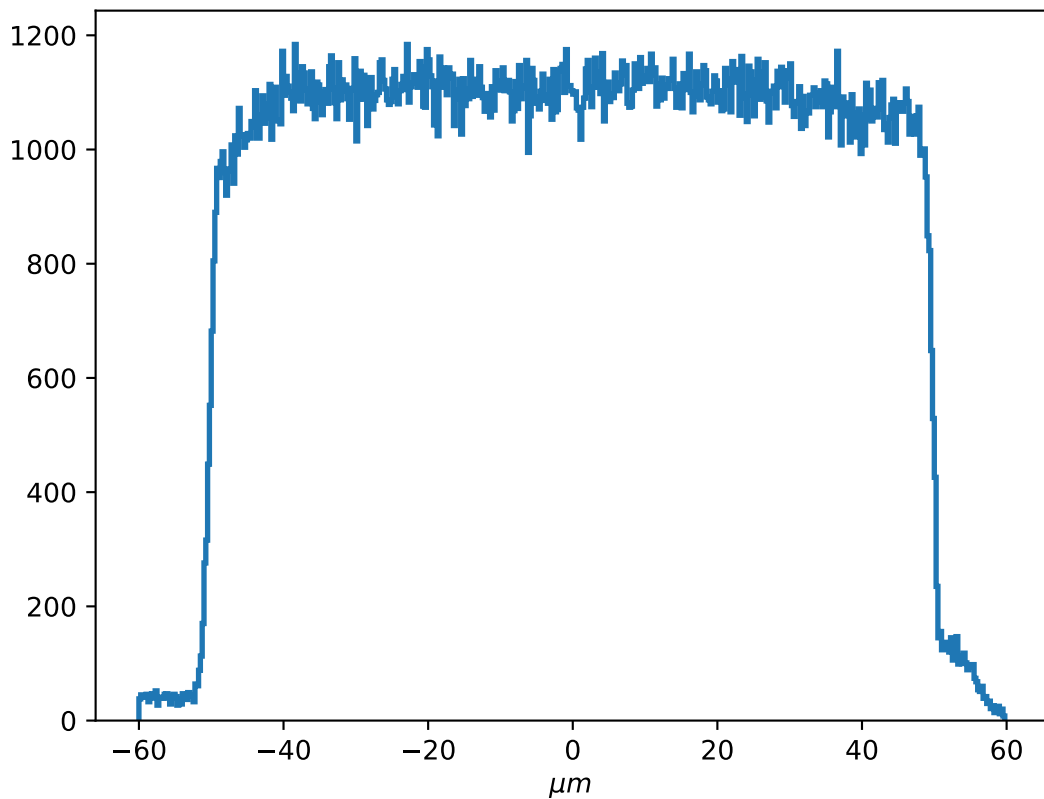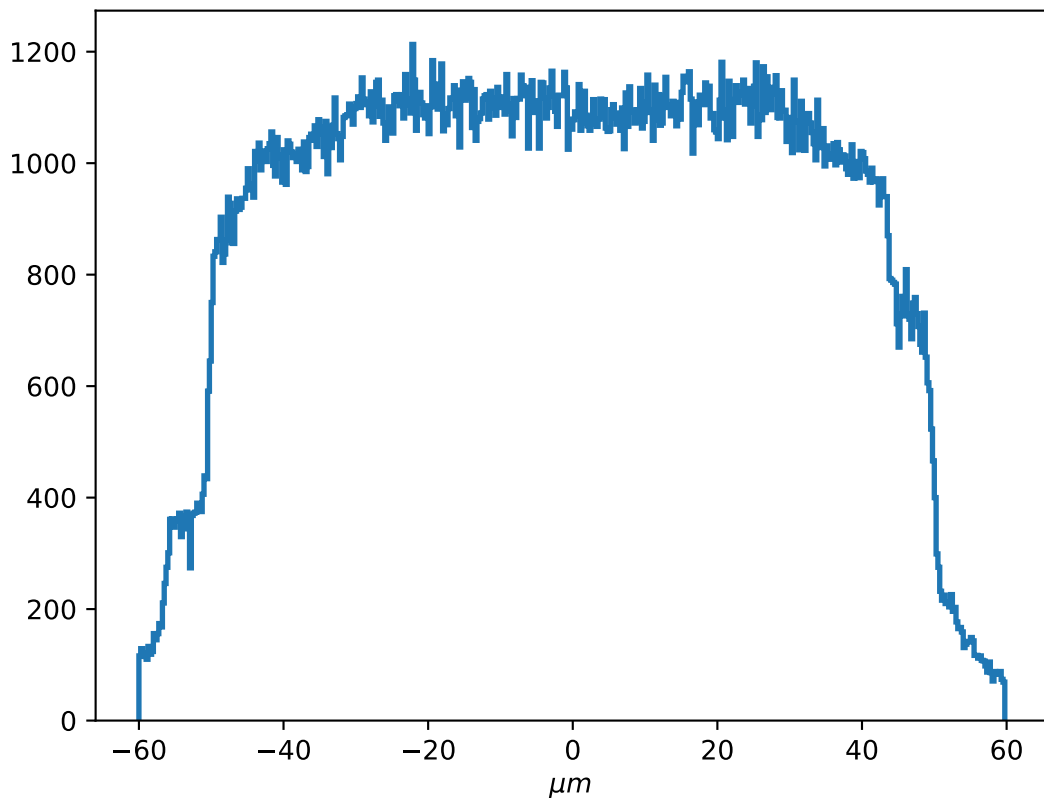residuals in x for clustersize = 1, $\sigma = 30.95$
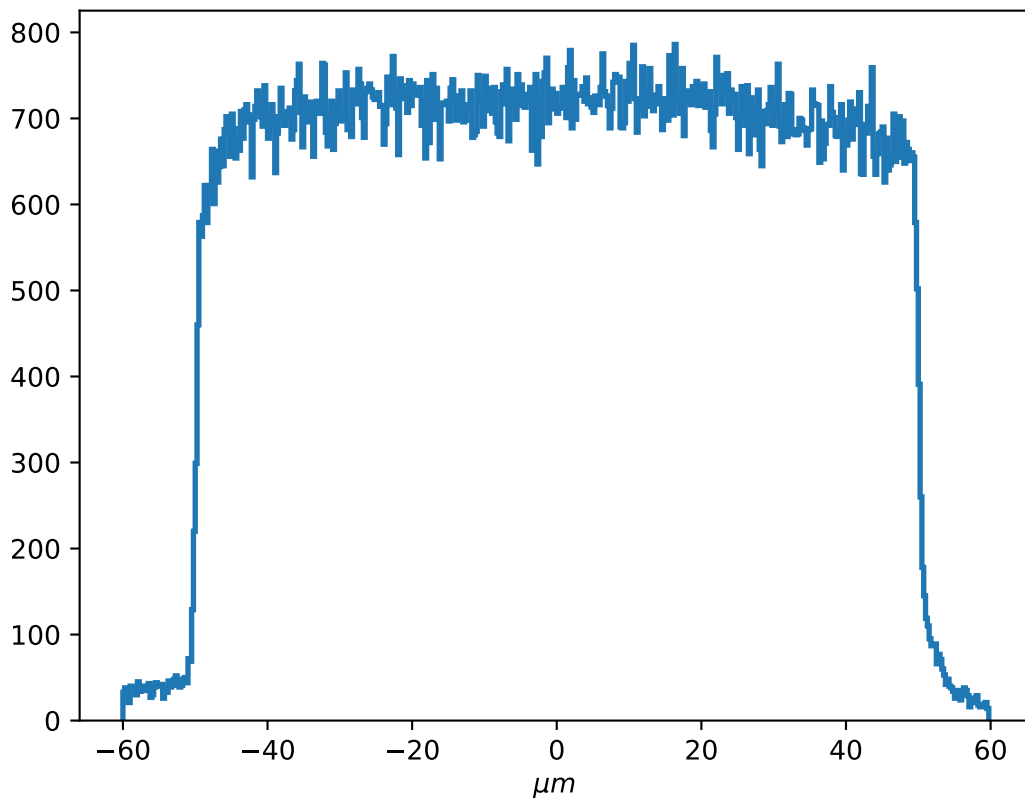
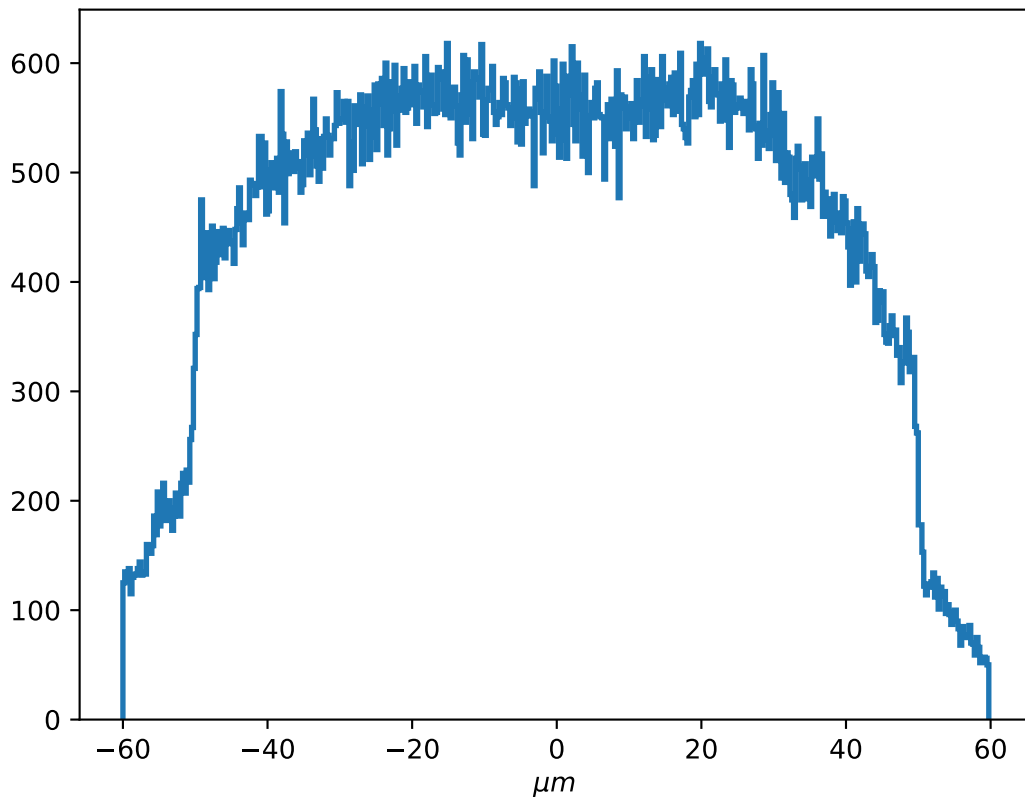residuals in x for clustersize = 2, $\sigma = 29.22$

residuals in x for clustersize = 3, σ = 29.88
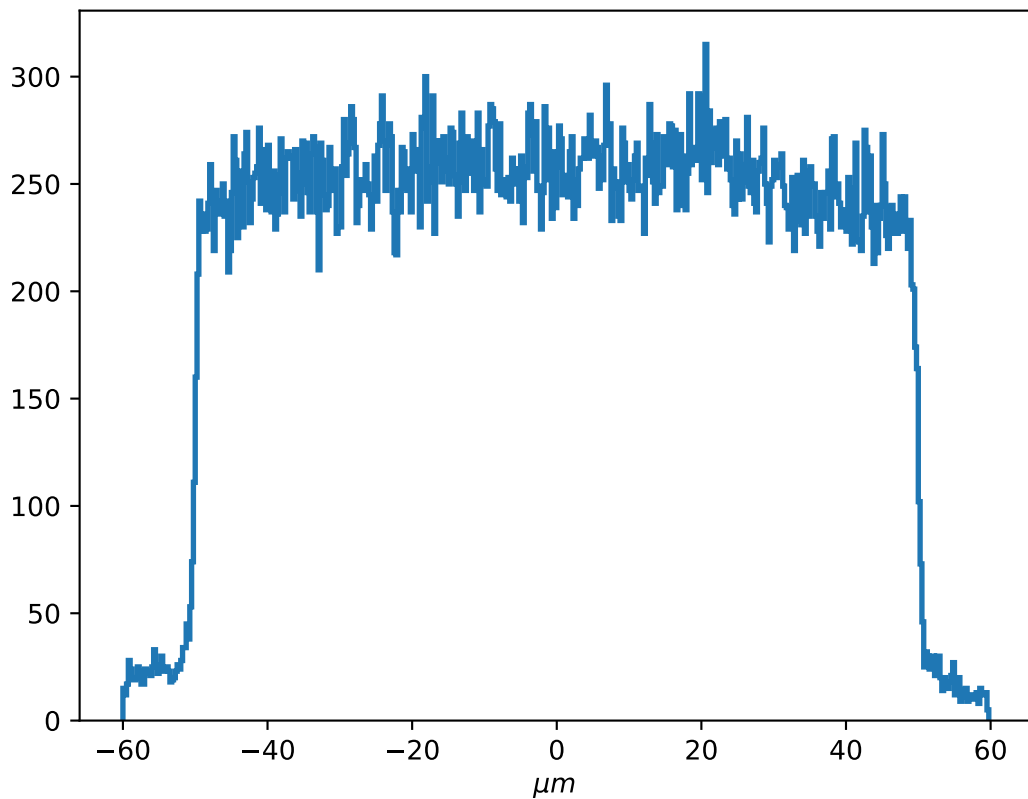
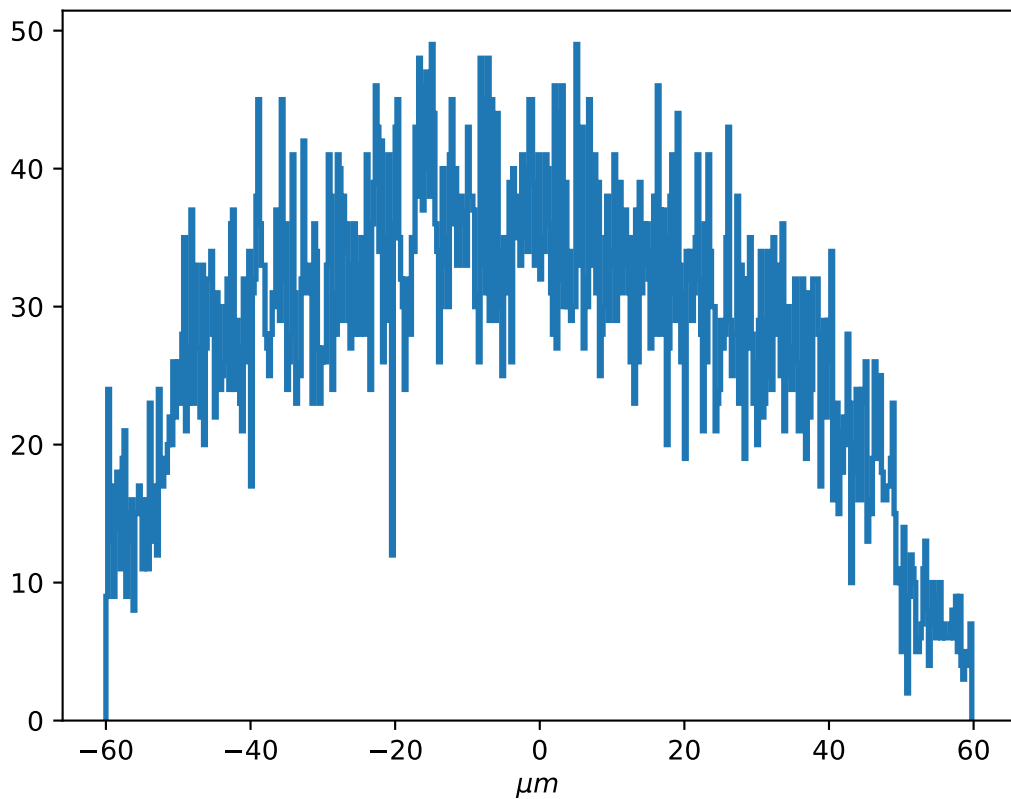residuals in x for clustersize = 4, $\sigma = 29.37$

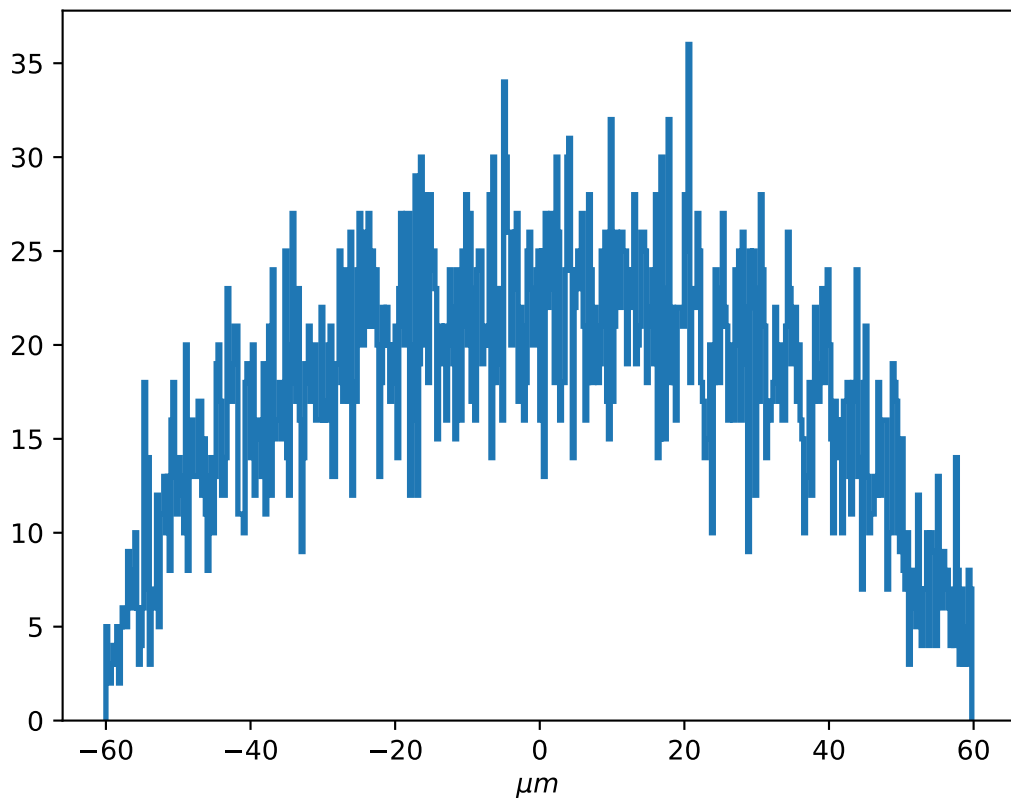residuals in x for clustersize = 5, σ = 30.69

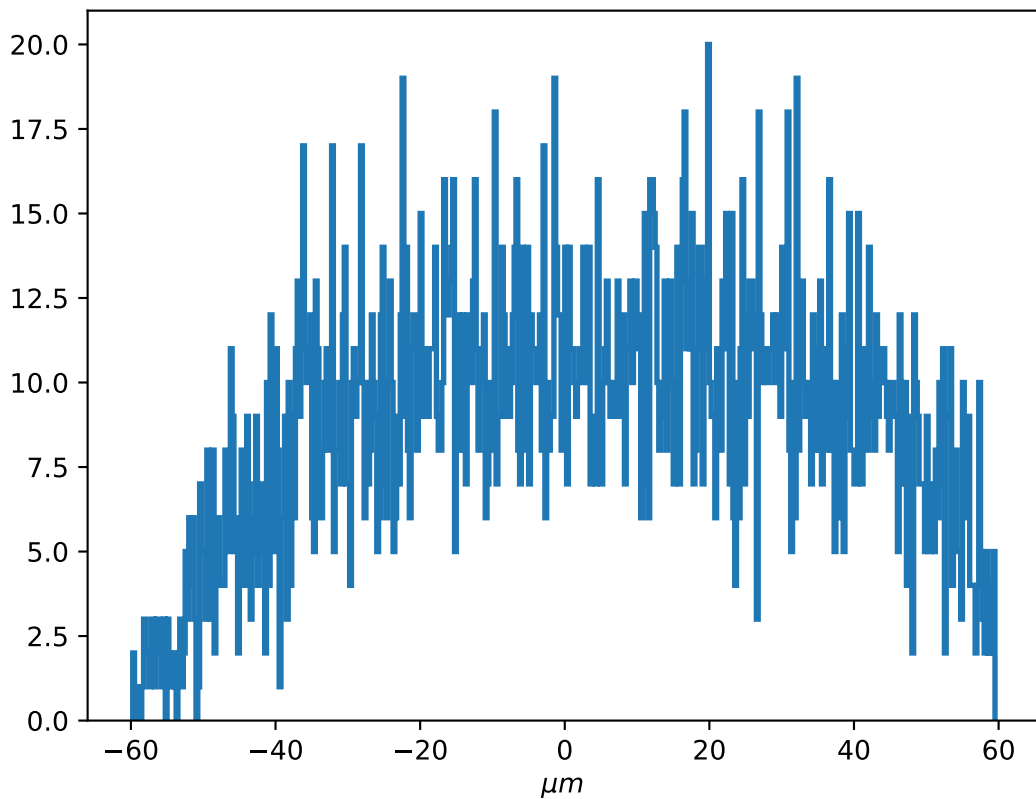residuals in x for clustersize = 6, σ = 30.09

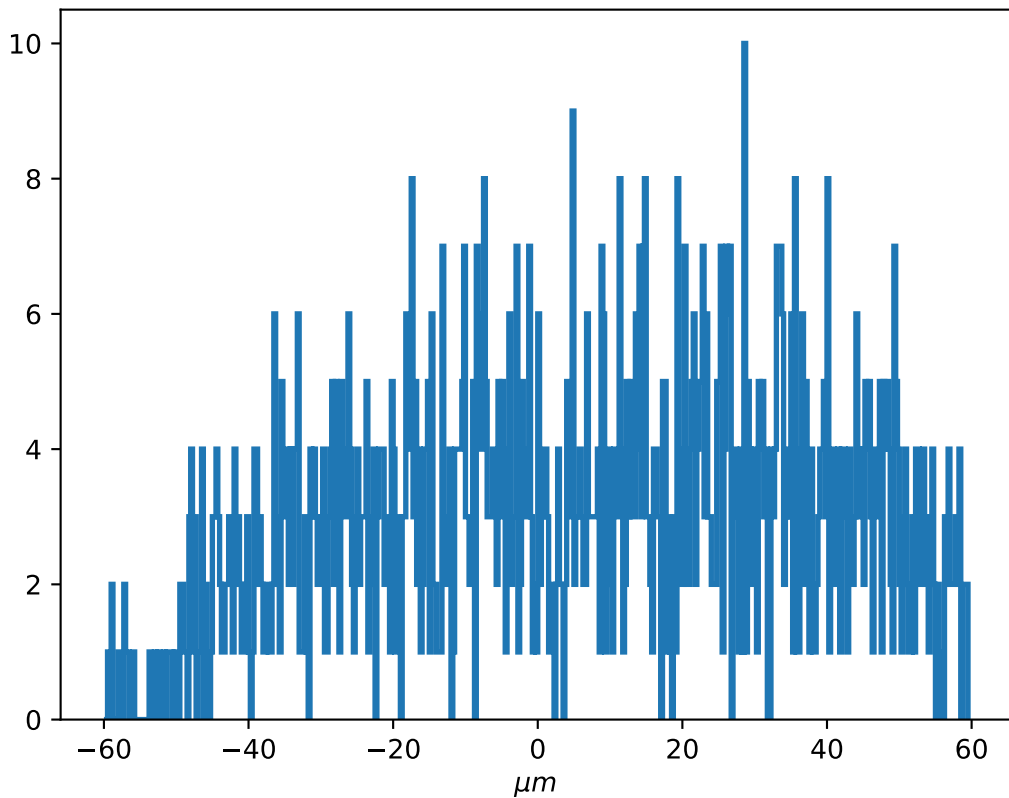residuals in x for clustersize = 7, $\sigma = 34.67$

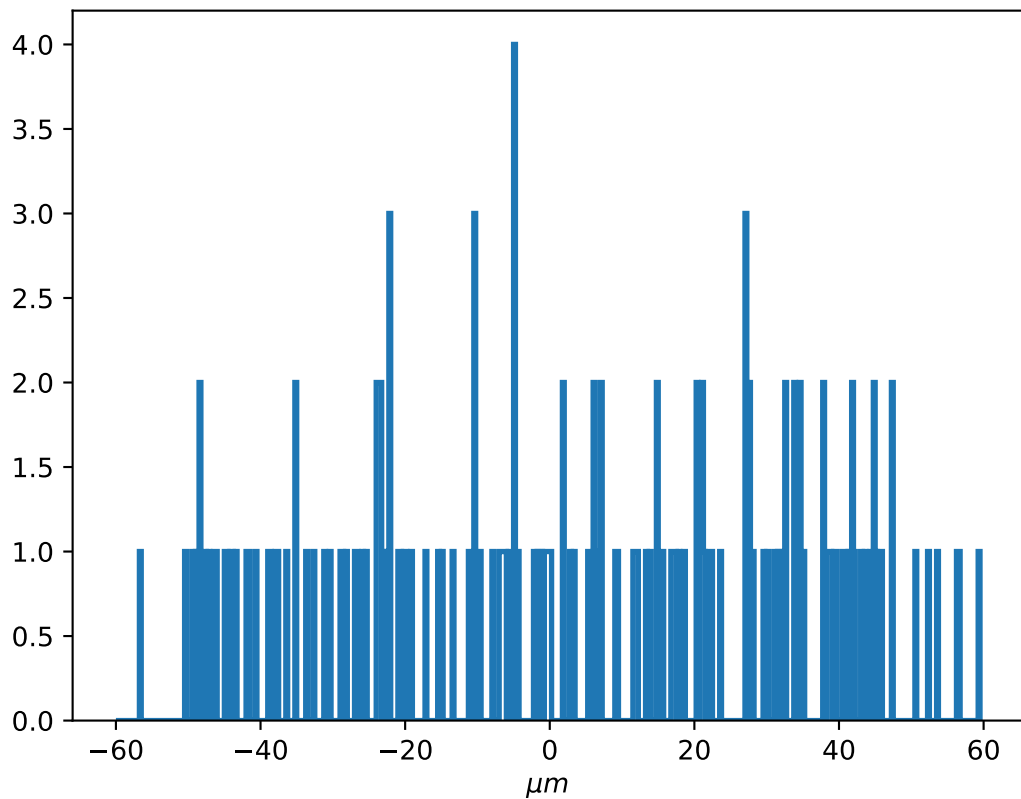residuals in x for clustersize = 8, $\sigma = 35.36$

residuals in x for clustersize = 9, $\sigma = 34.10$

residuals in x for clustersize = 10, σ = 33.15

residuals in x for clustersize = 11, $\sigma = 32.45$

residuals in x for clustersize = 12, σ = 28.48