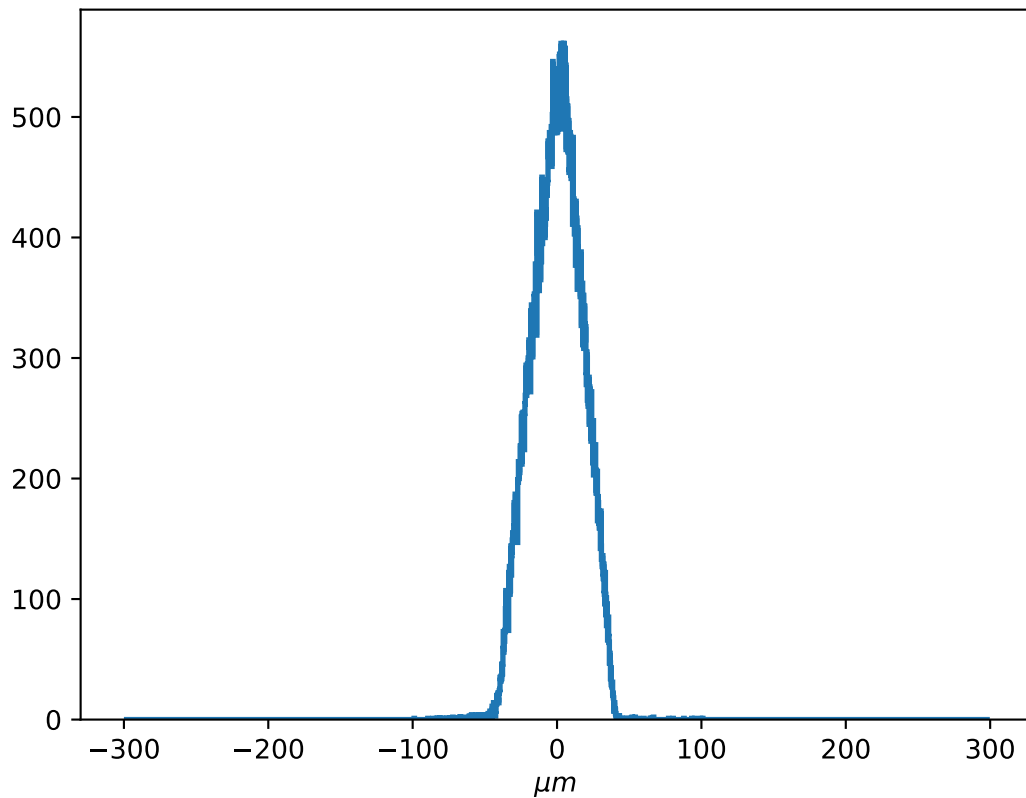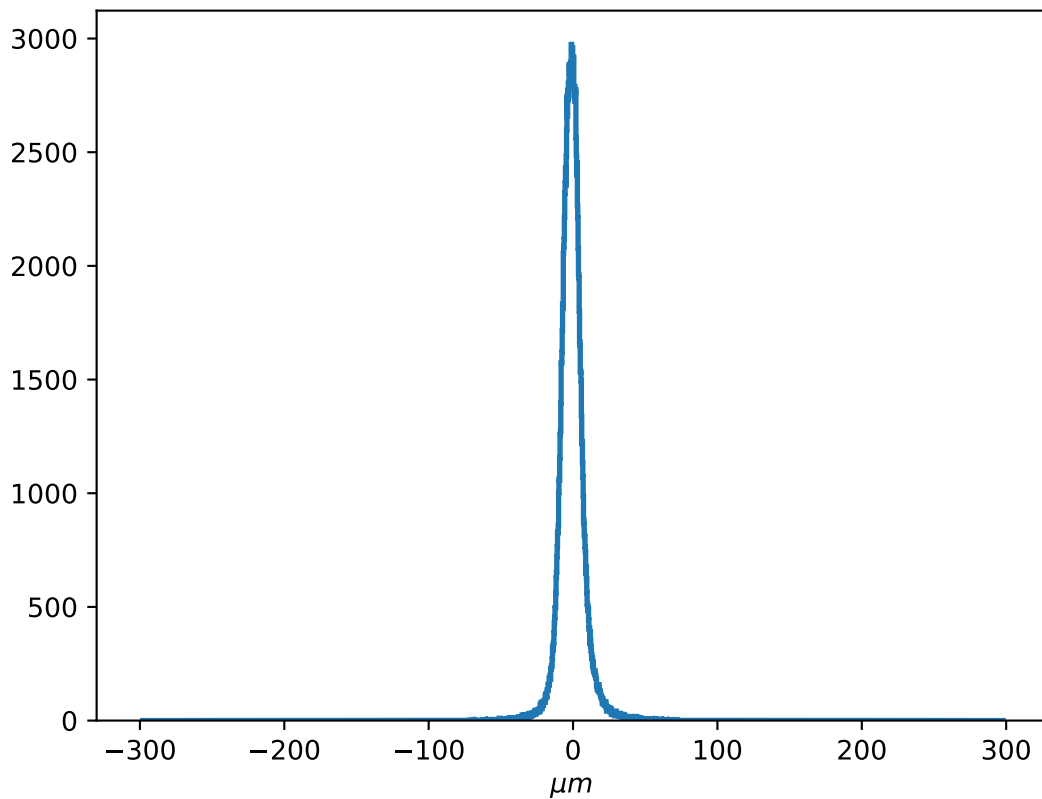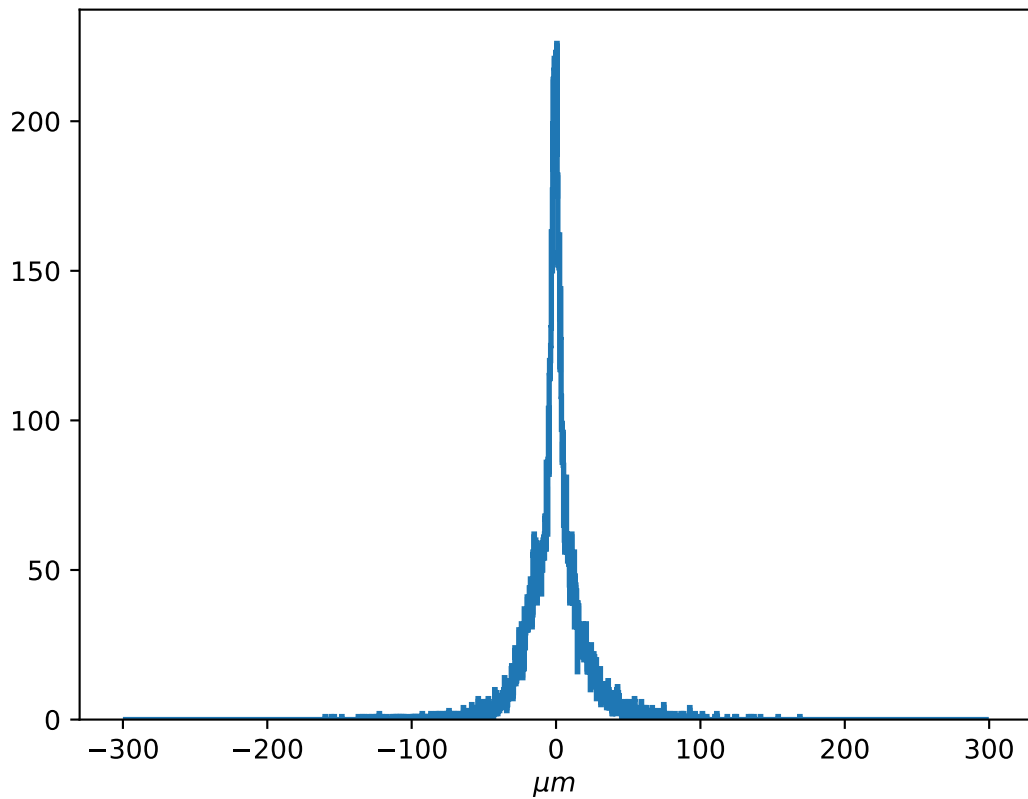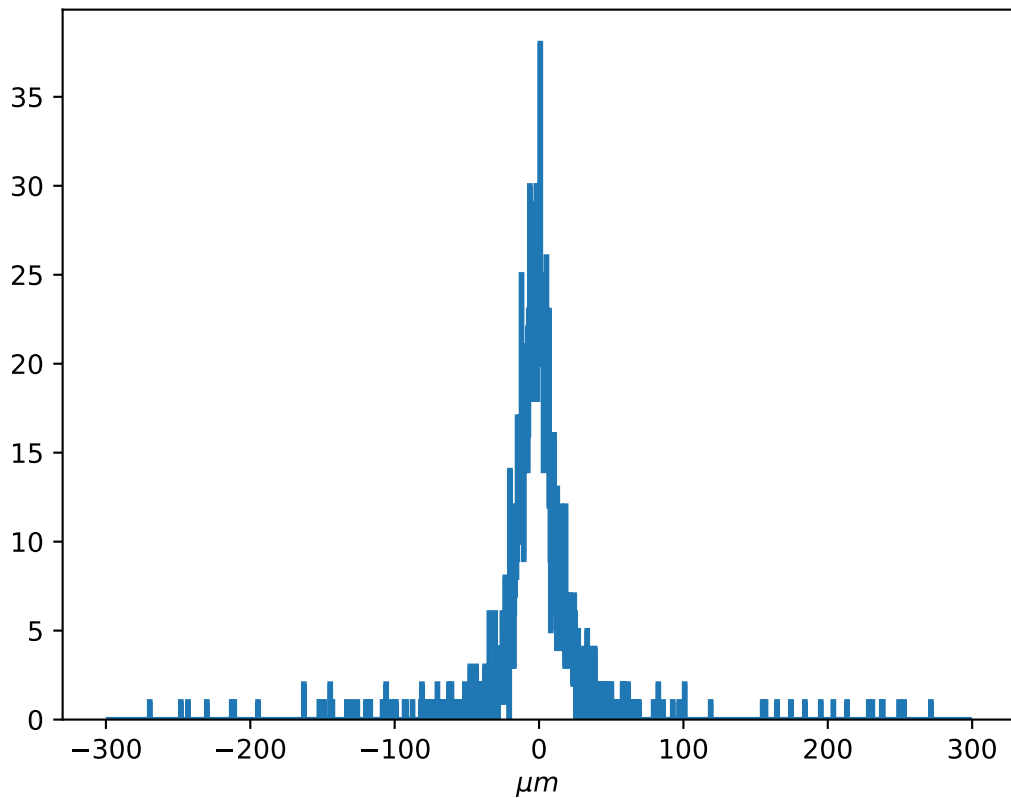residuals in x for clustersize = 1, σ = 17.12

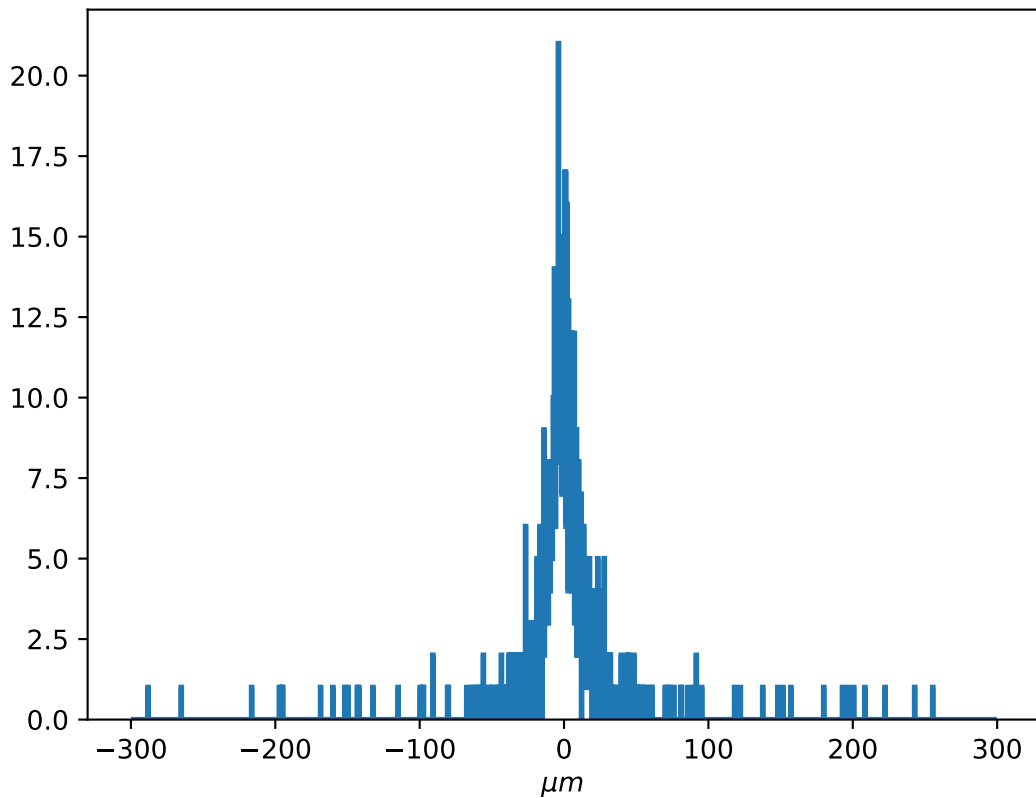residuals in x for clustersize = 2, σ = 8.73

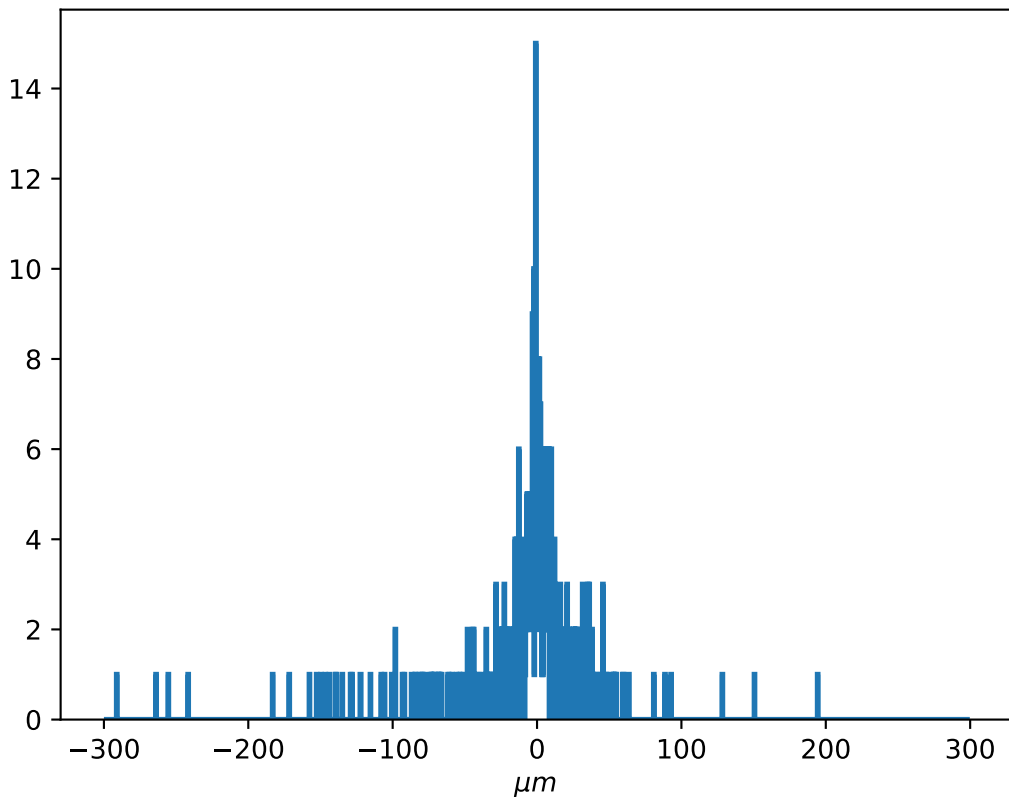residuals in x for clustersize = 3, $\sigma = 20.59$

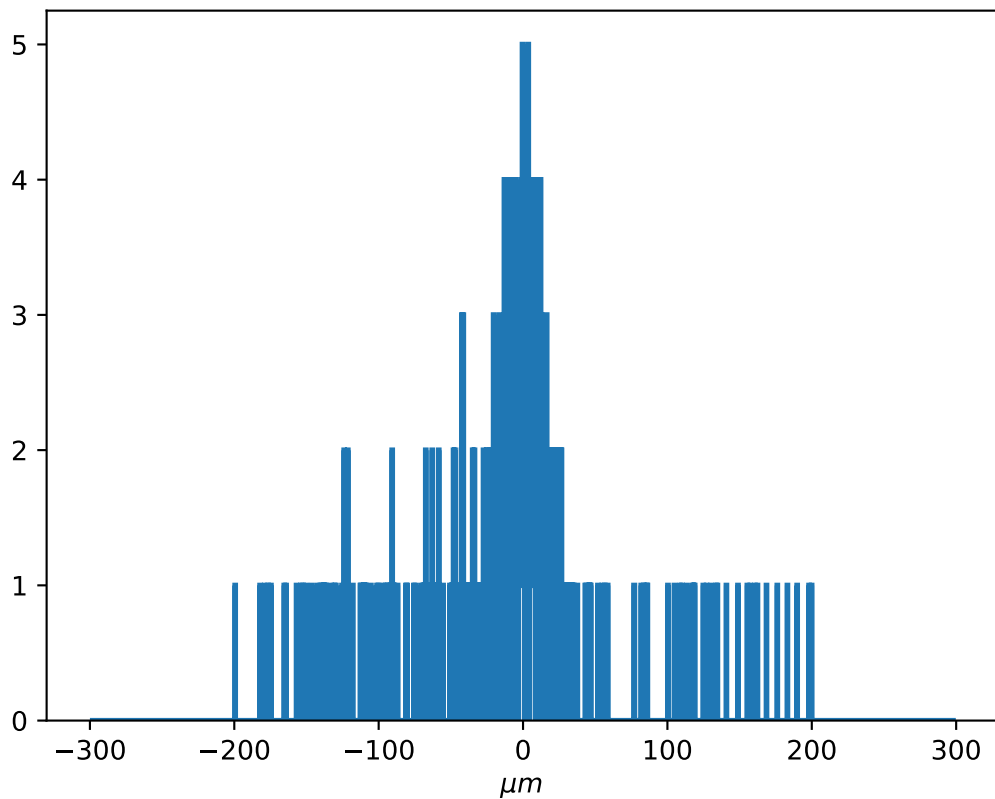residuals in x for clustersize = 4, $\sigma = 29.35$
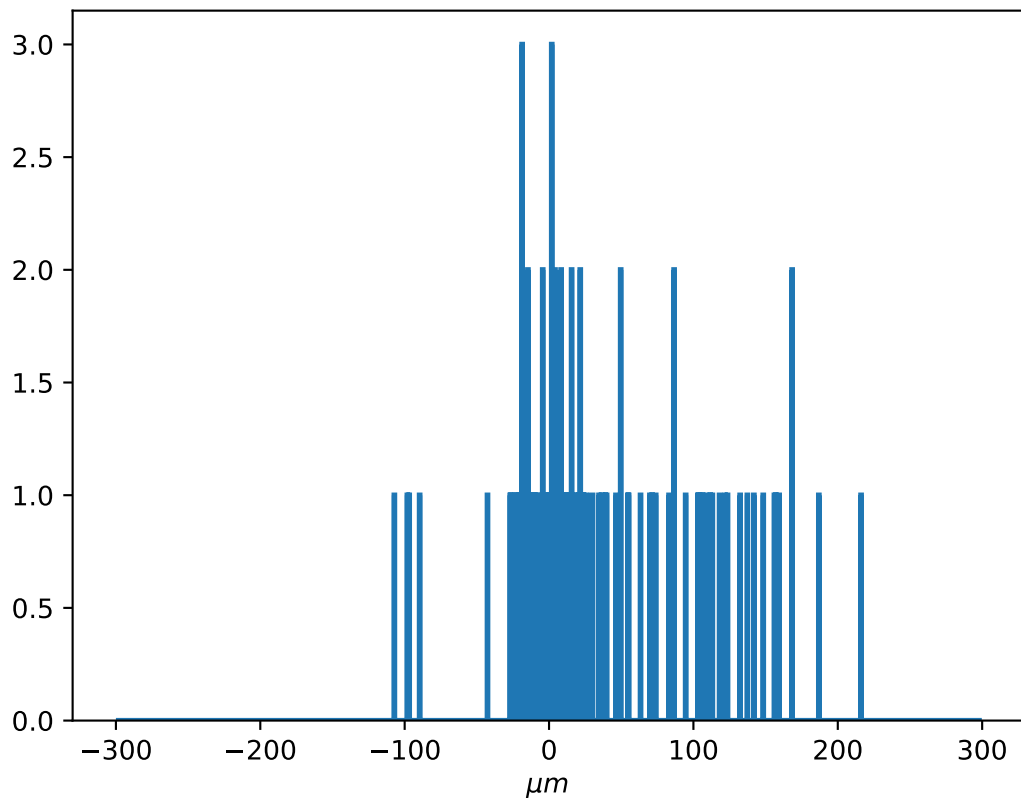
residuals in x for clustersize = 5, $\sigma = 34.98$

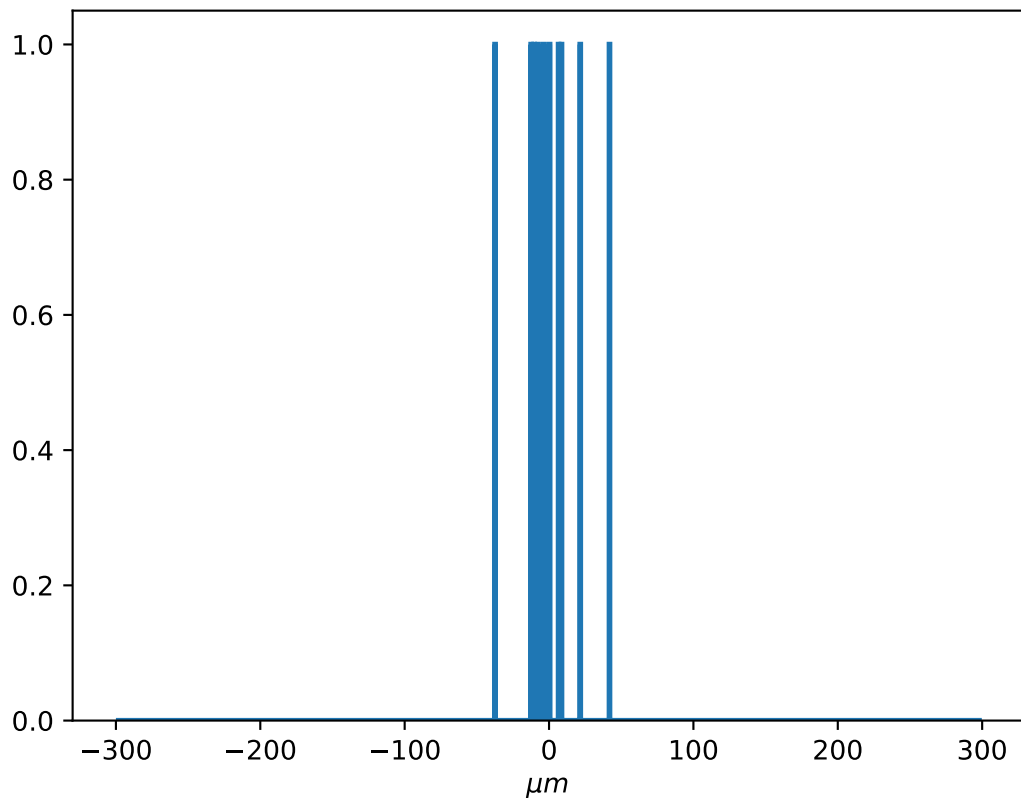residuals in x for clustersize = 6, $\sigma = 51.91$

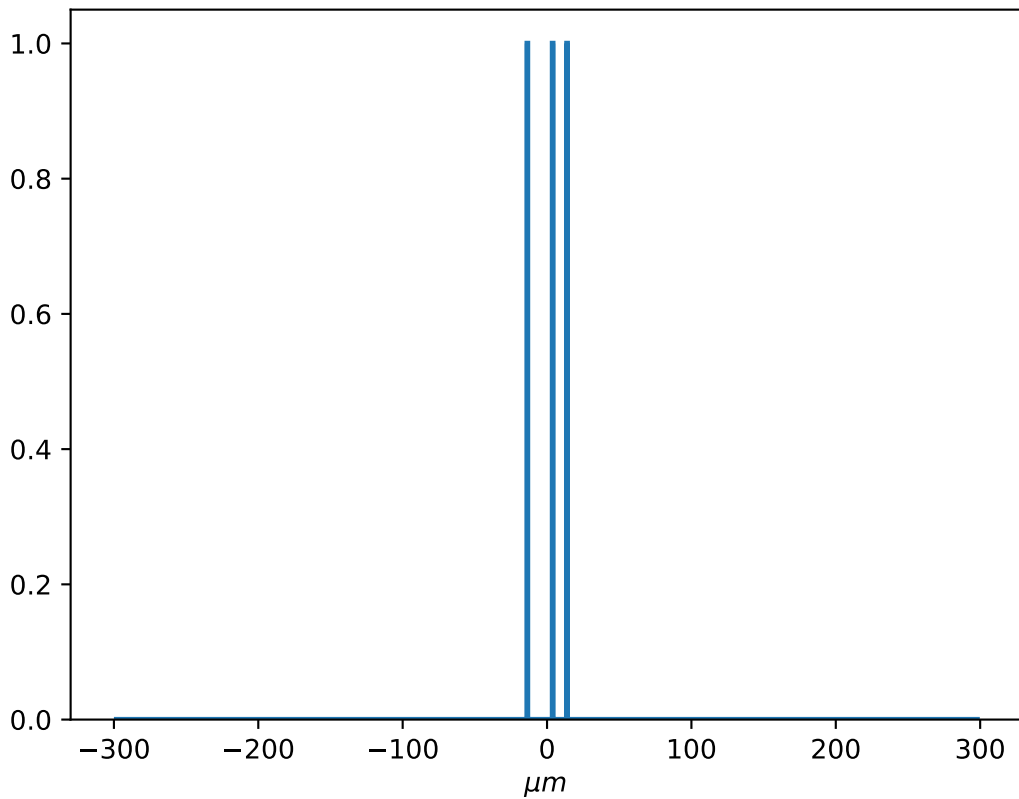residuals in x for clustersize = 7, σ = 85.15

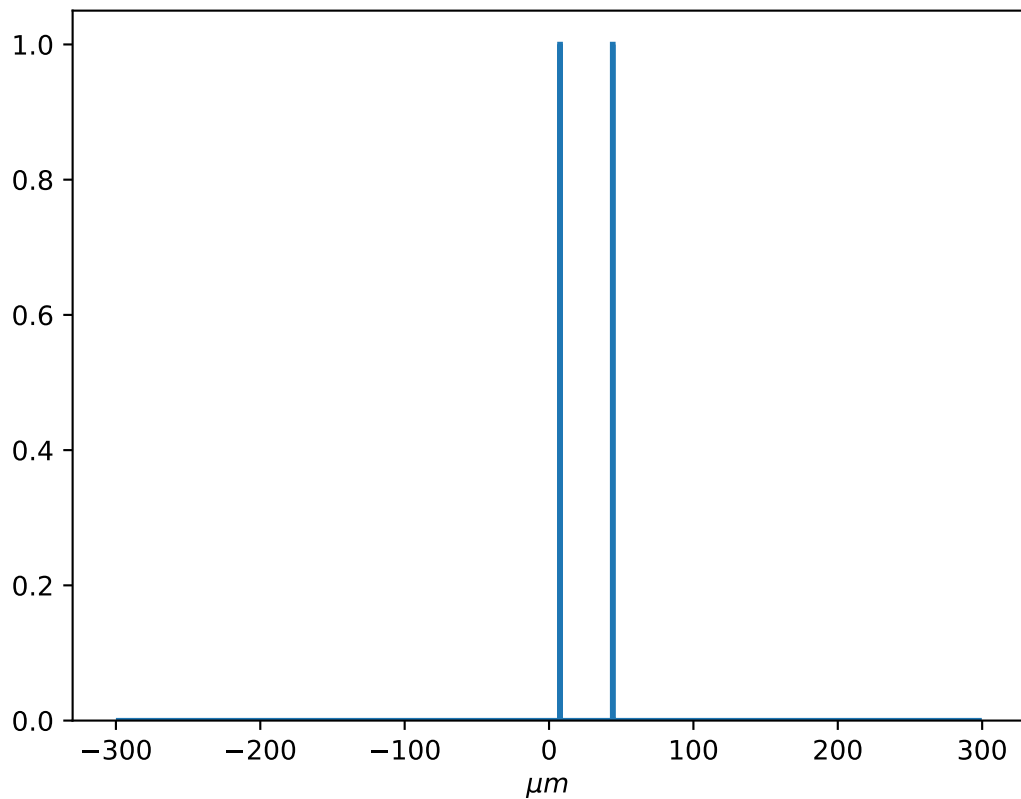residuals in x for clustersize = 8, σ = 58.80

residuals in x for clustersize = 9, $\sigma = 20.14$

residuals in x for clustersize = 10, σ = 11.37

residuals in x for clustersize = 11, σ = 18.26

residuals in x for clustersize = 13, σ = 0.00