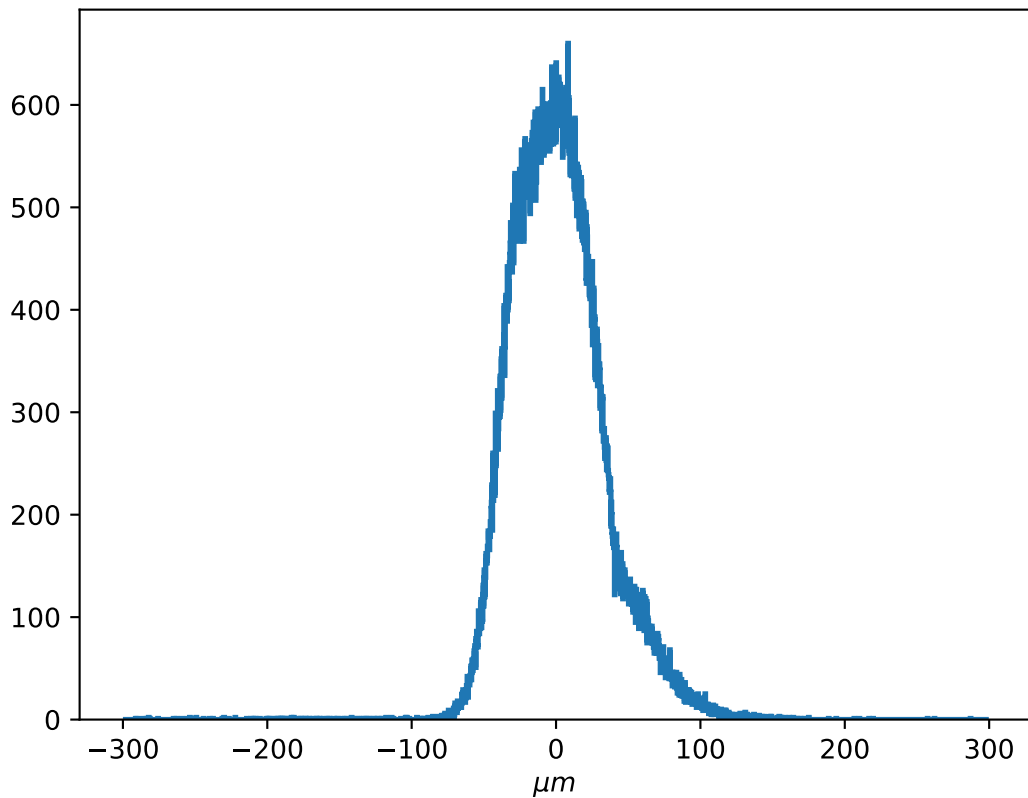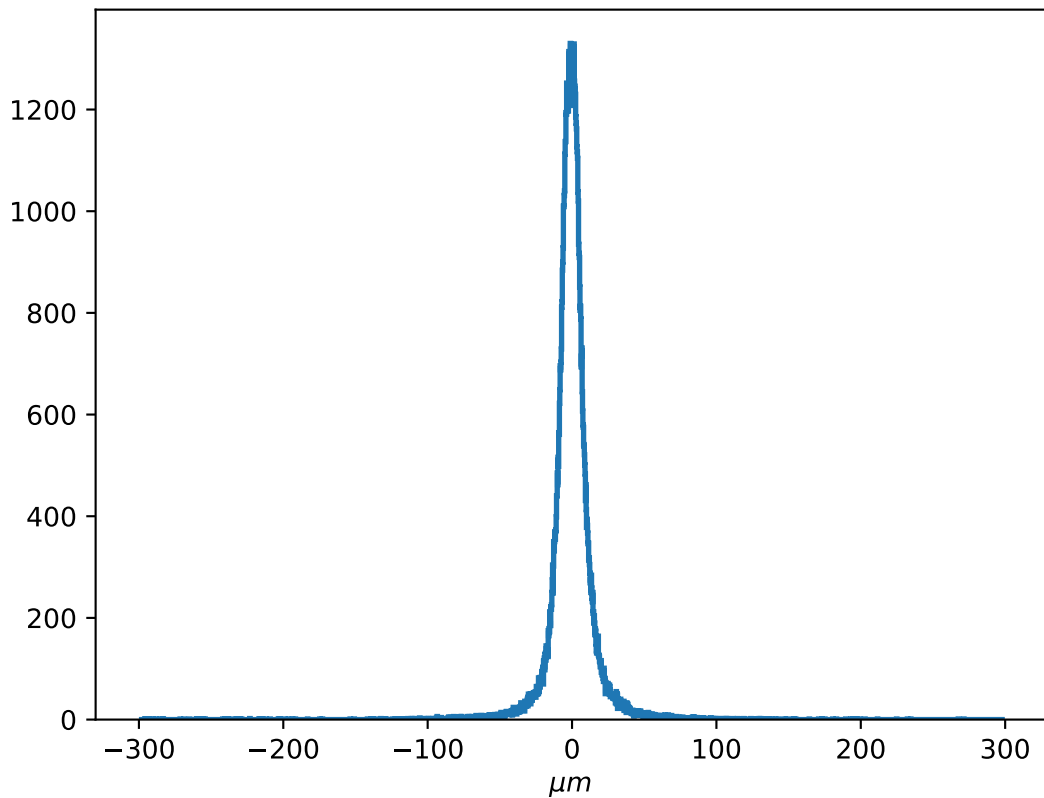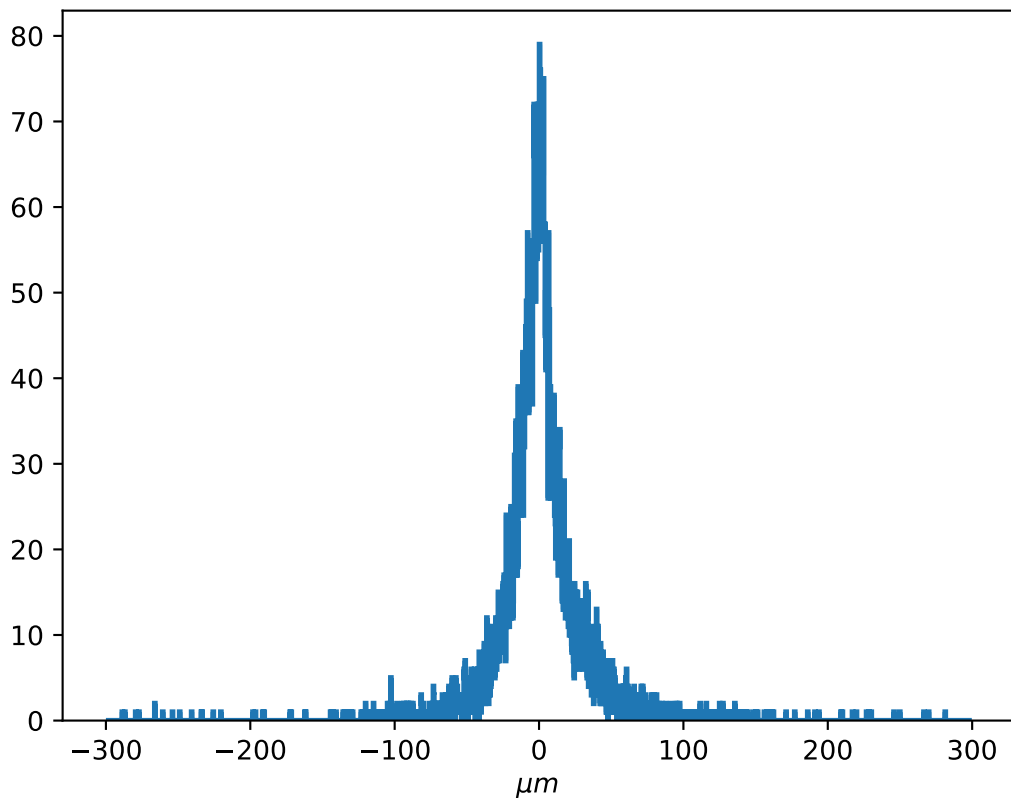residuals in x for clustersize = 1, $\sigma = 31.94$
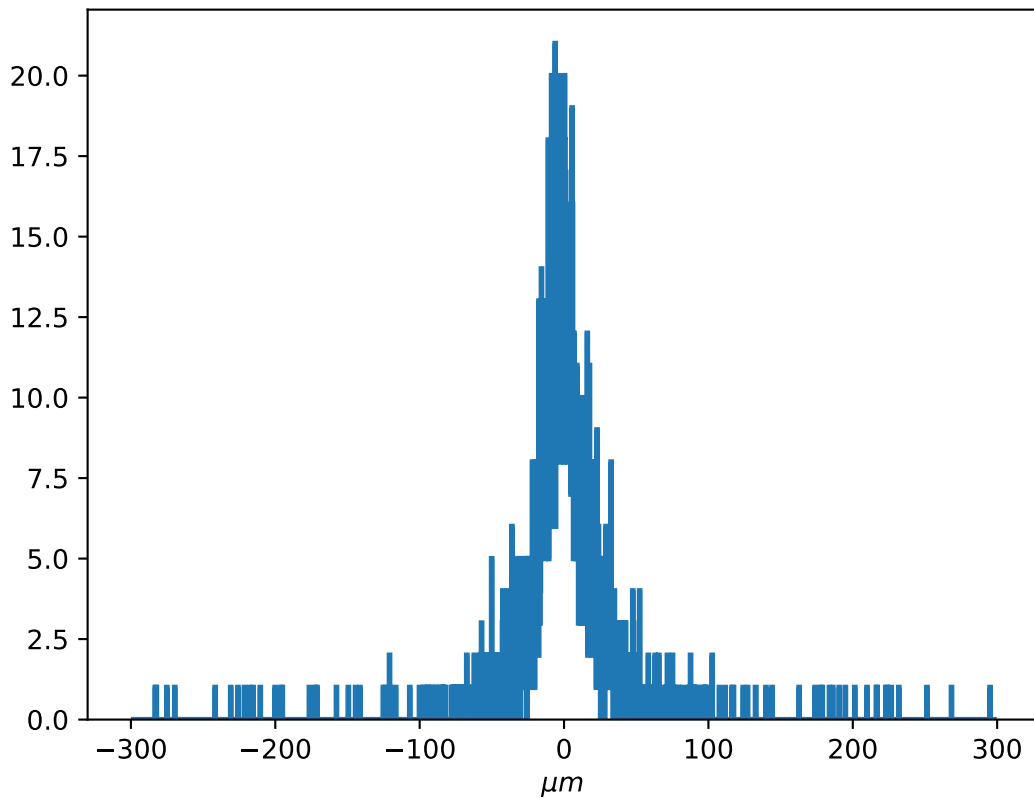
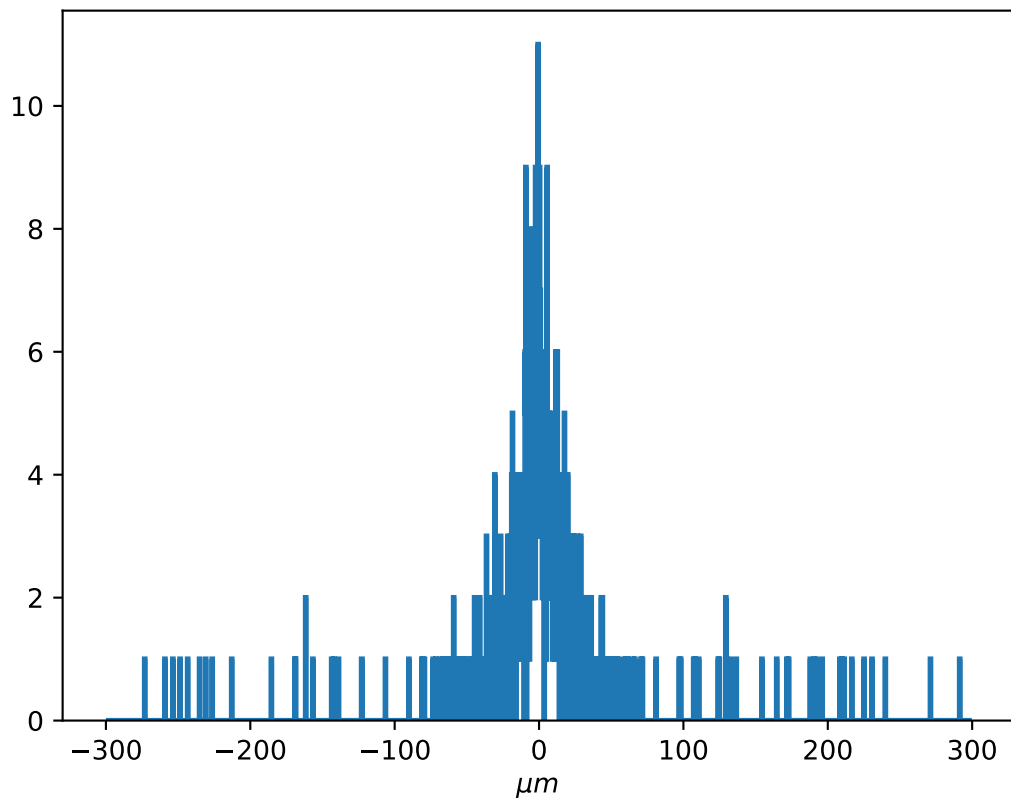residuals in x for clustersize = 2, σ = 17.45

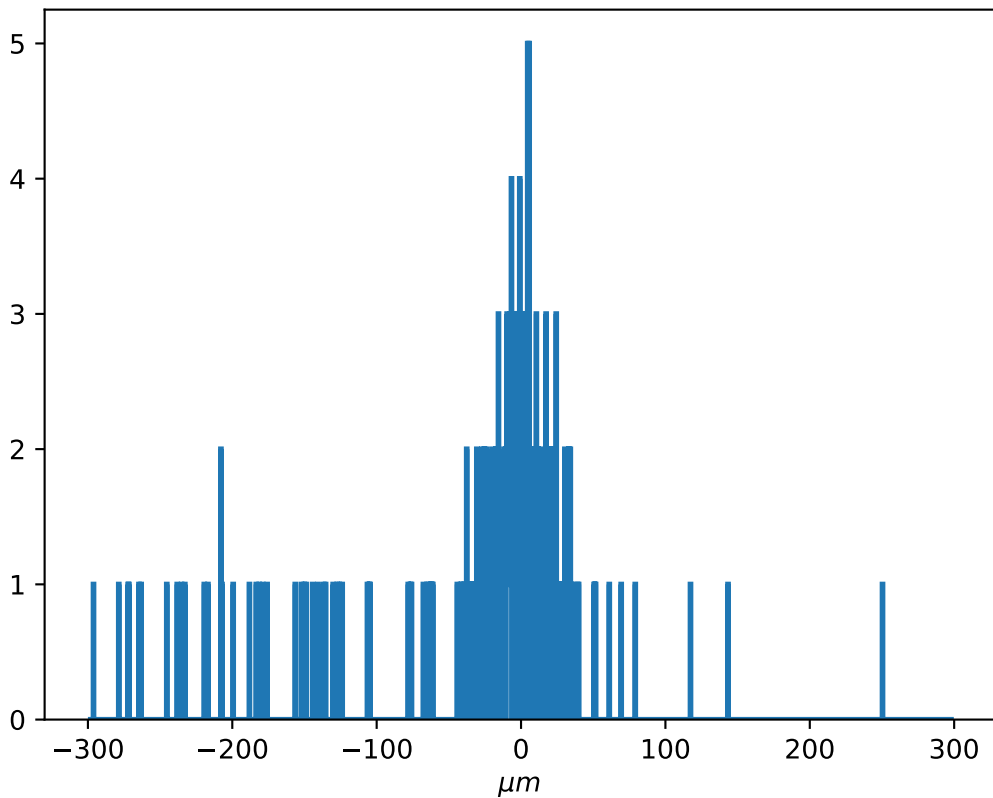residuals in x for clustersize = 3, $\sigma = 37.07$

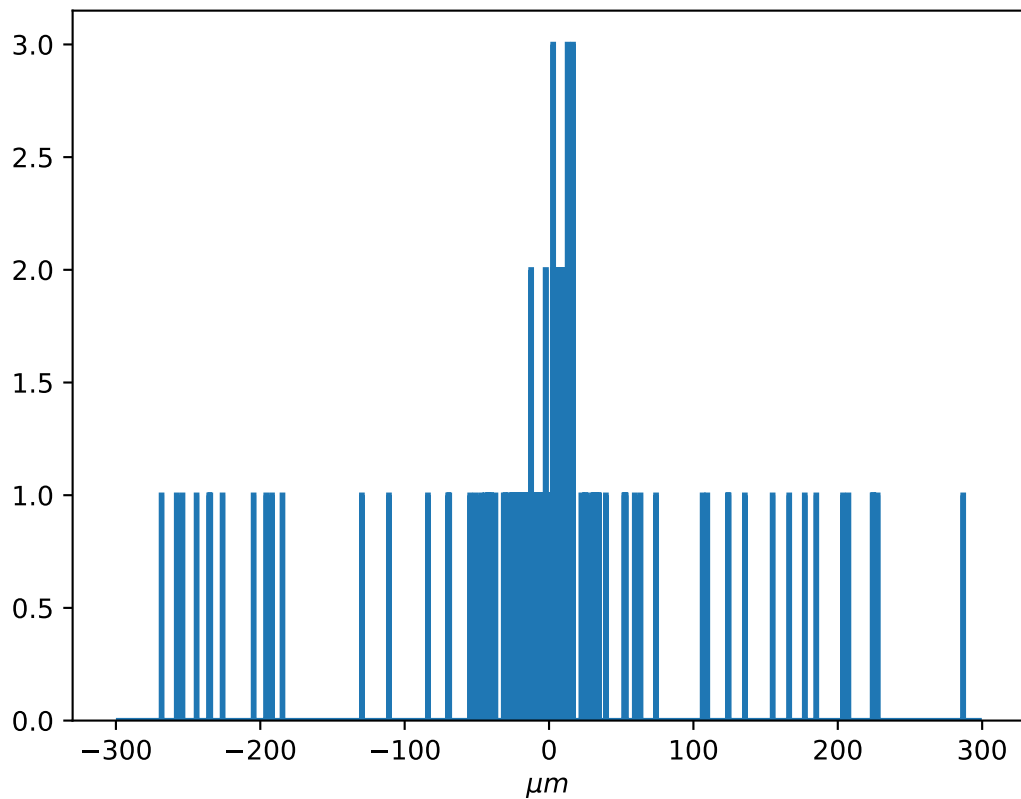residuals in x for clustersize = 4, $\sigma = 49.42$
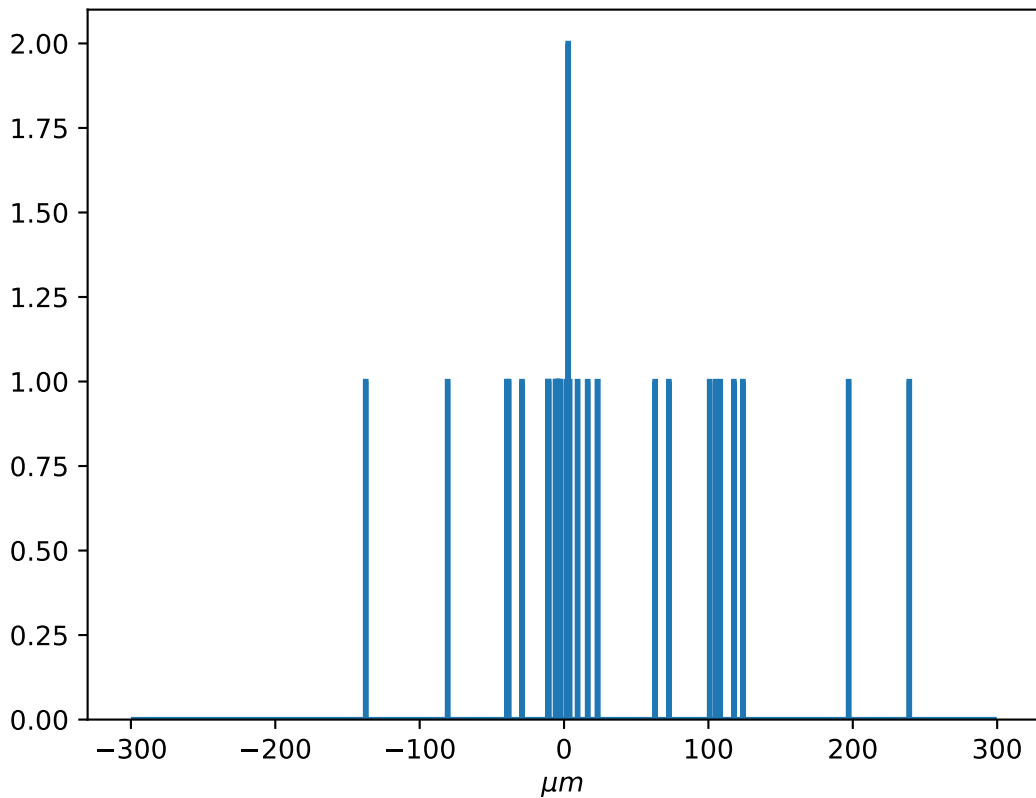
residuals in x for clustersize = 5, $\sigma = 57.25$

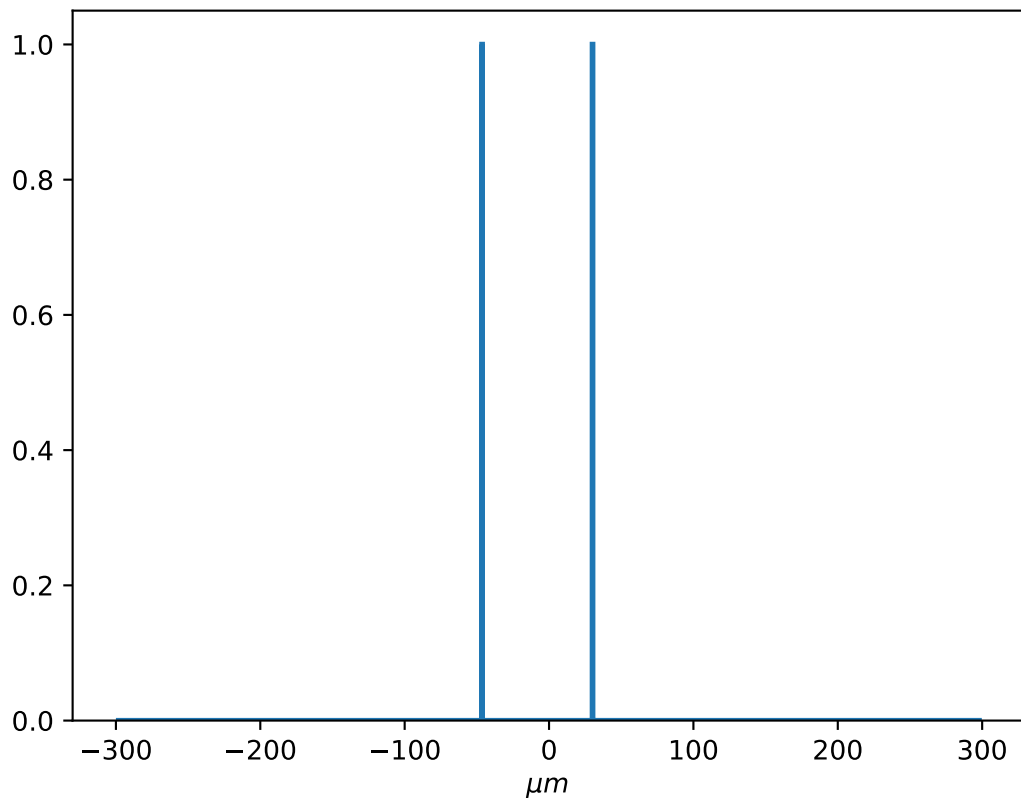residuals in x for clustersize = 6, σ = 116.86

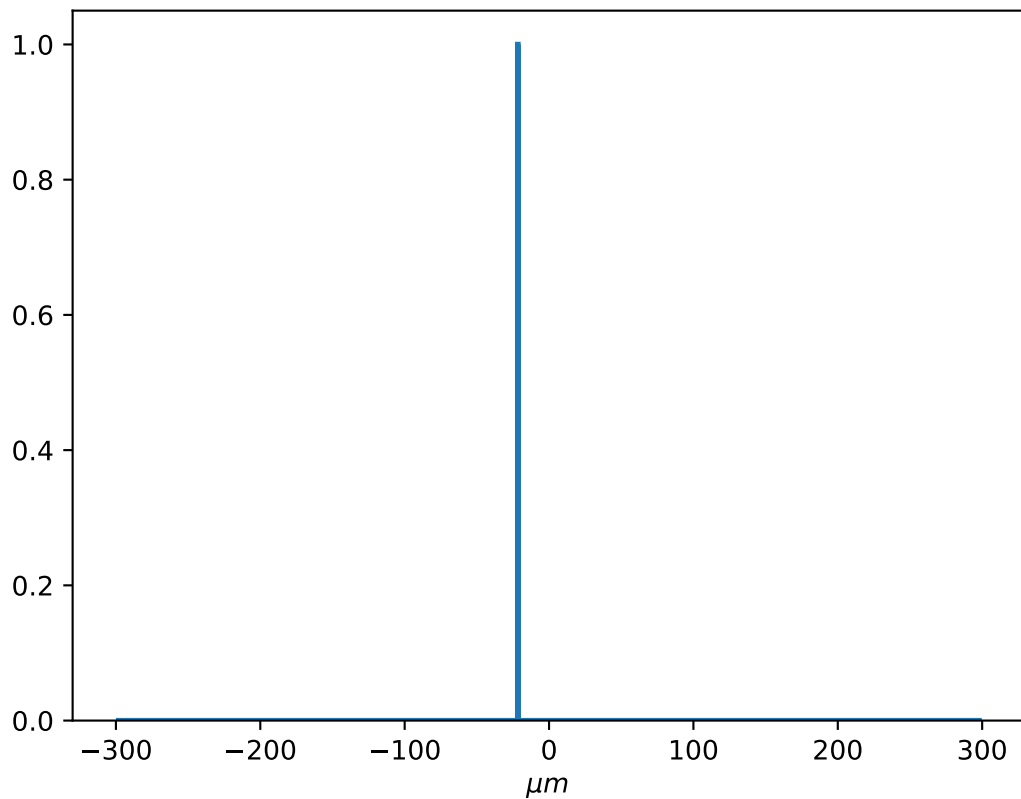residuals in x for clustersize = 7, σ = 222.97

residuals in x for clustersize = 8, σ = 133.47

residuals in x for clustersize = 9, $\sigma = 38.26$

residuals in x for clustersize = 10, σ = 0.00

residuals in x for clustersize = 13, σ = 0.00