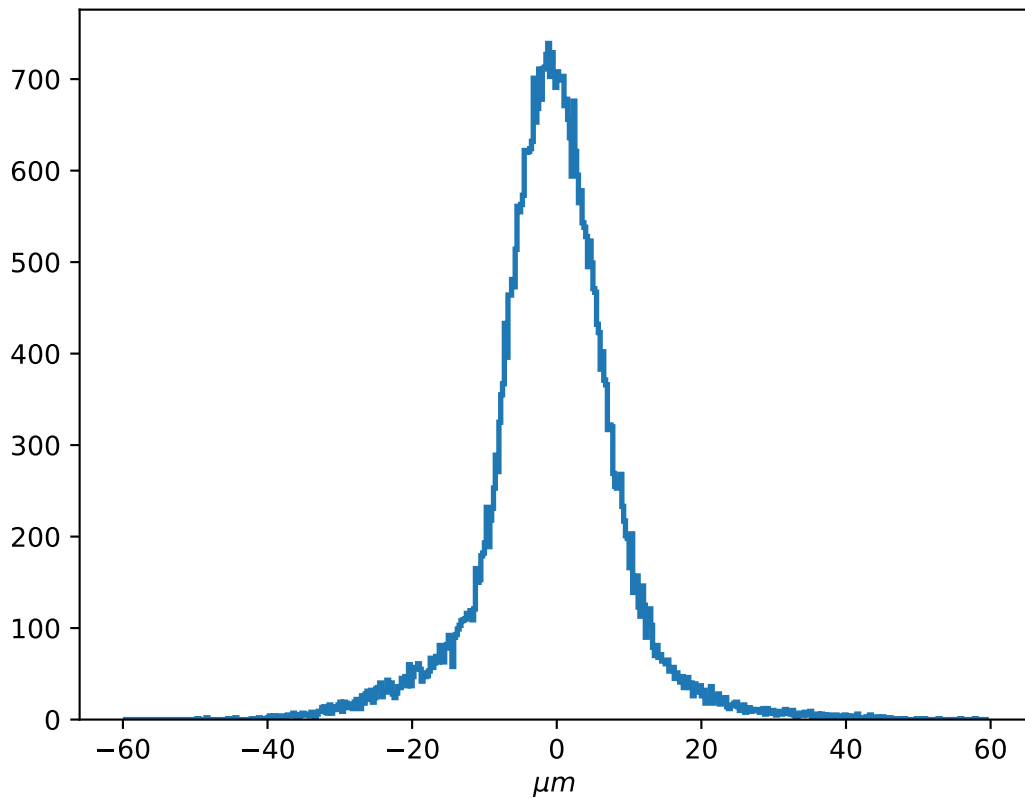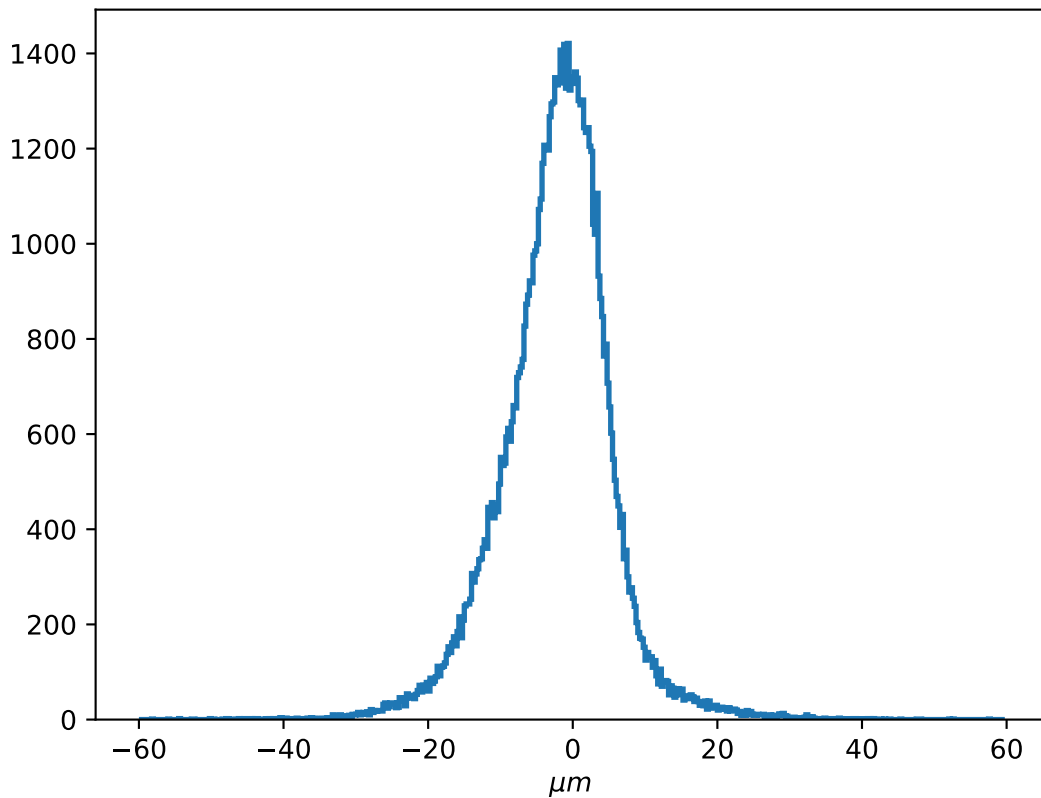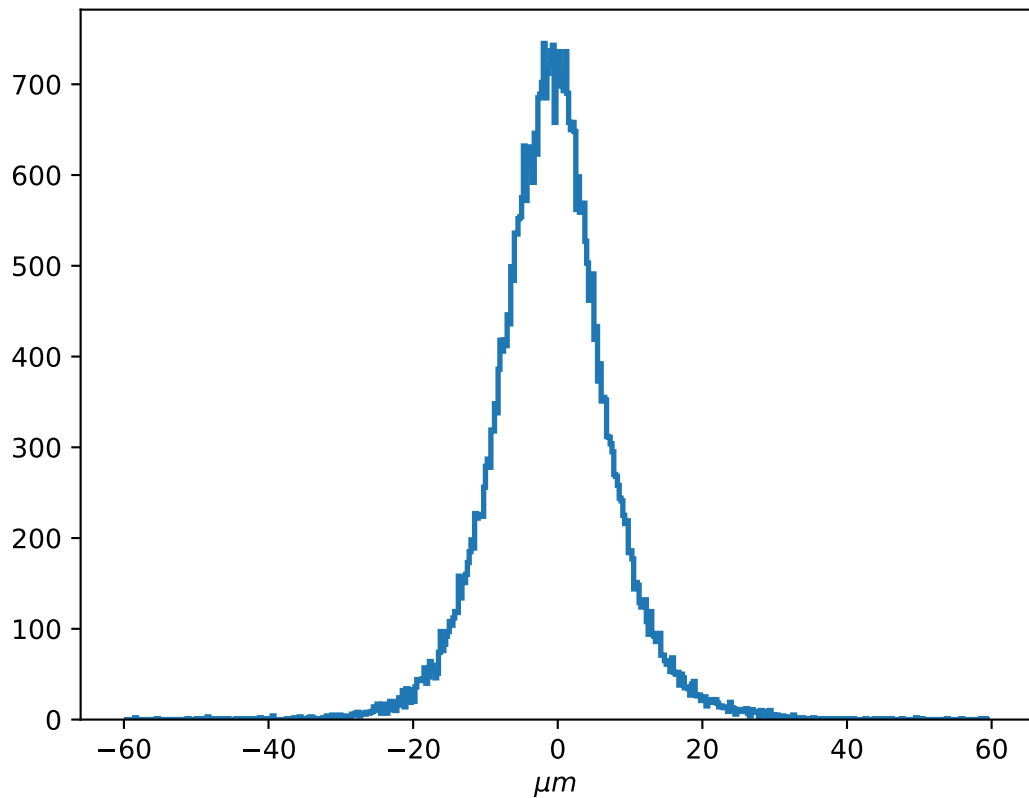residuals in x for clustersize = 1, $\sigma = 9.00$
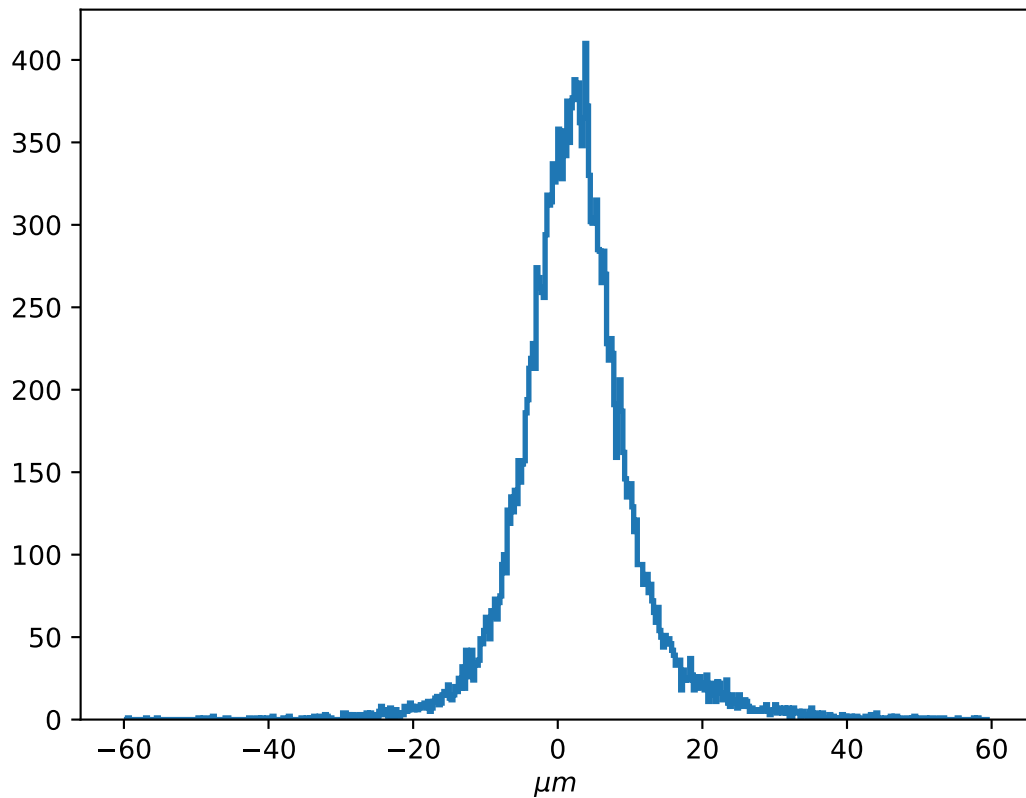
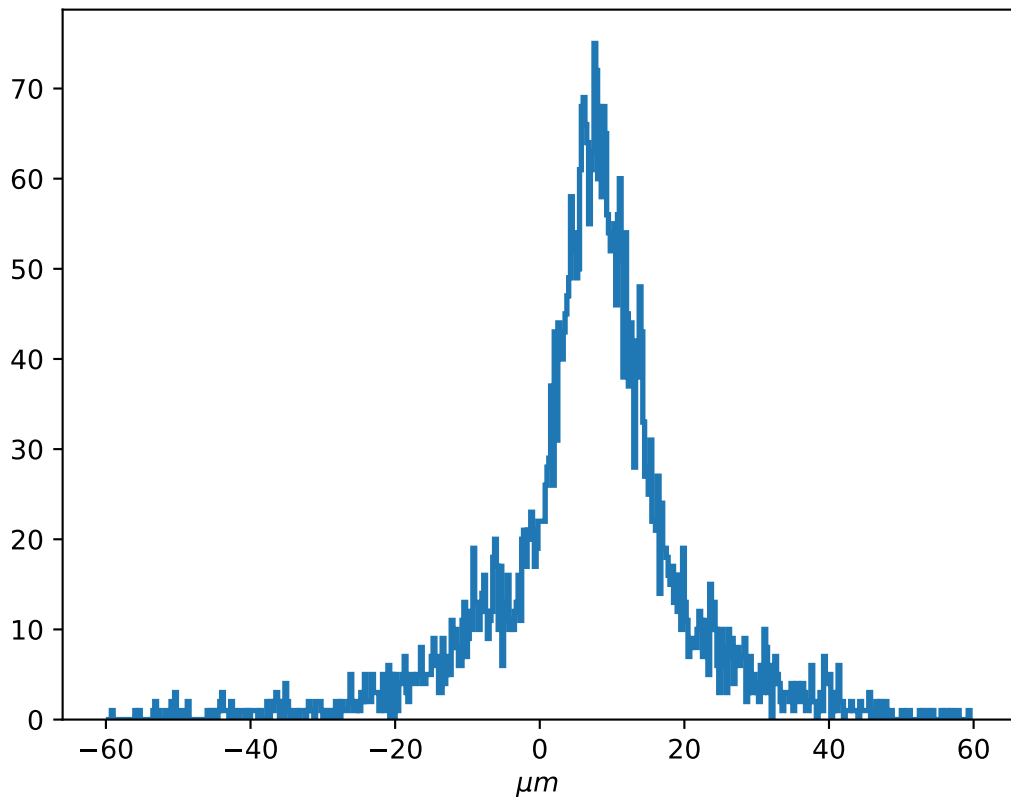residuals in x for clustersize = 2, σ = 7.72

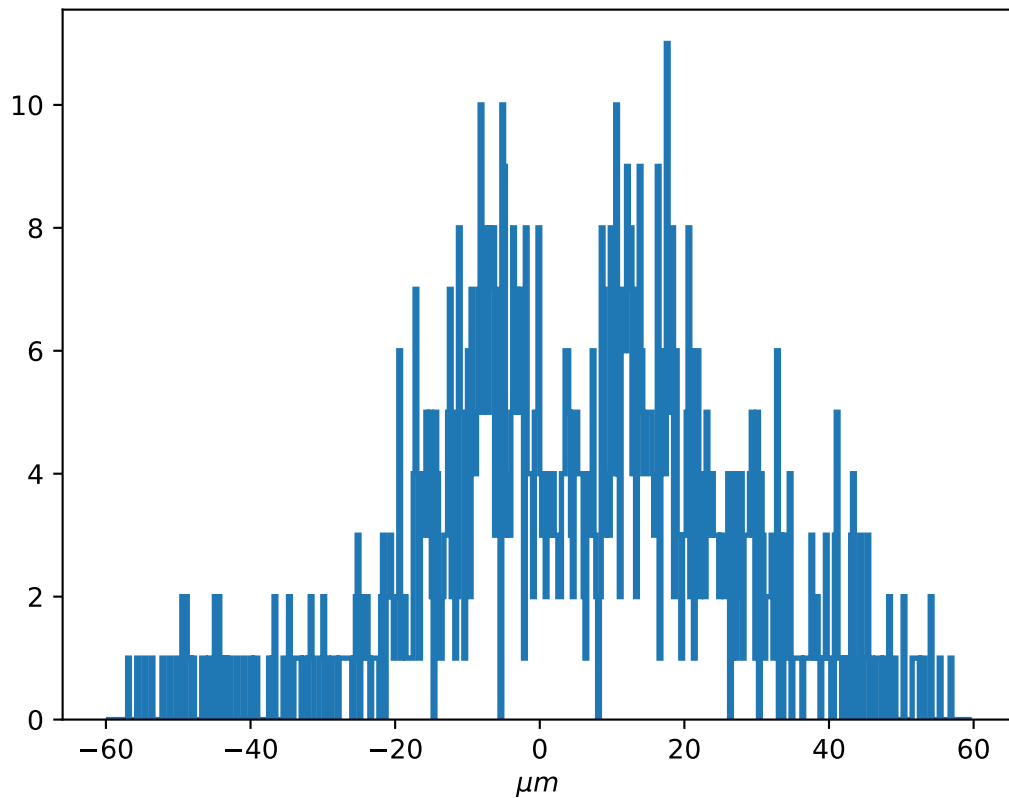residuals in x for clustersize = 3, $\sigma = 8.11$
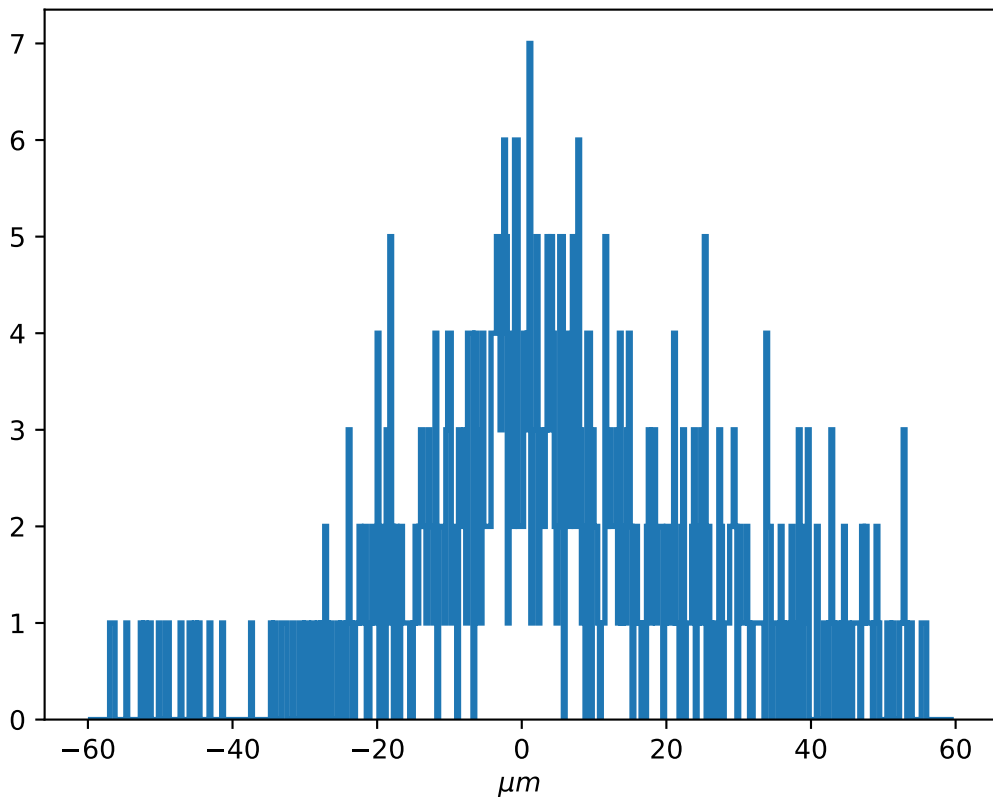
residuals in x for clustersize = 4, $\sigma = 8.77$
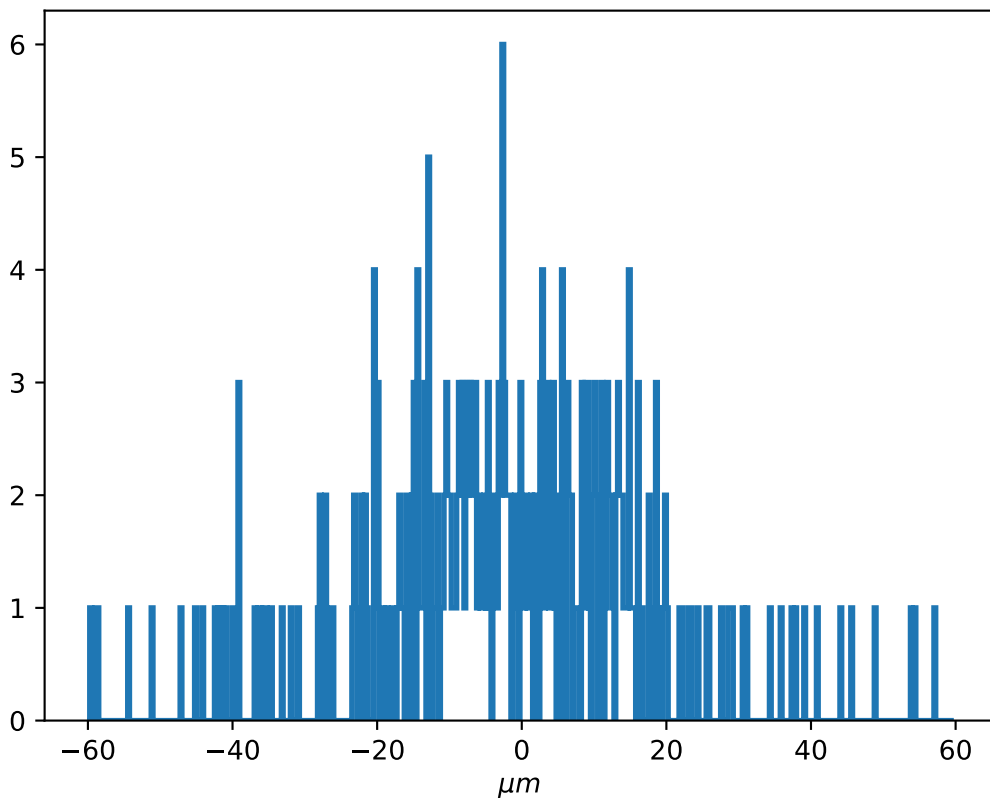
residuals in x for clustersize = 5, $\sigma = 14.58$

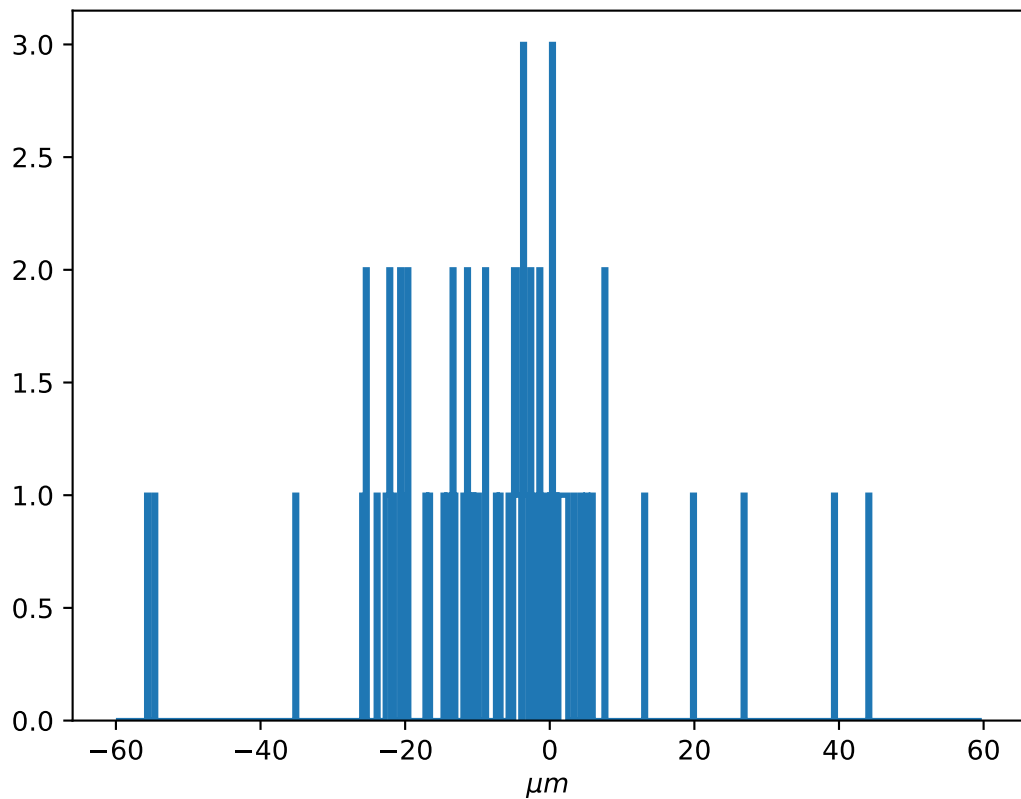residuals in x for clustersize = 6, σ = 22.60

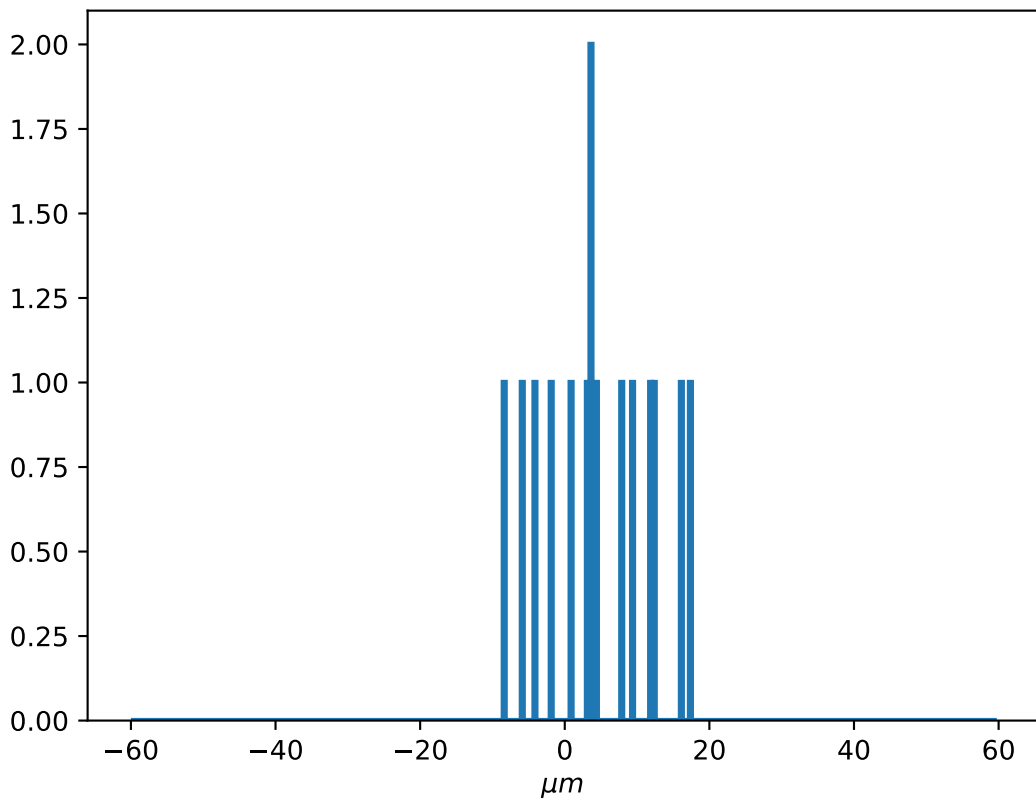residuals in x for clustersize = 7, $\sigma = 28.29$

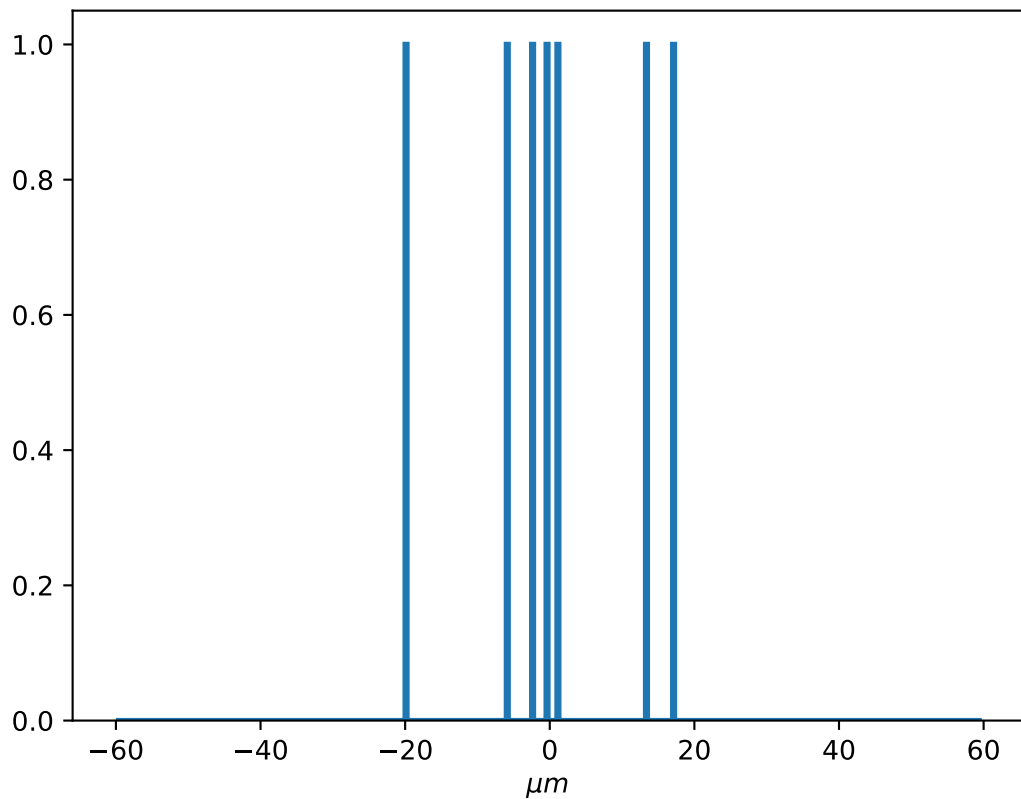residuals in x for clustersize = 8, $\sigma = 27.31$

residuals in x for clustersize = 9, σ = 25.12

residuals in x for clustersize = 10, σ = 7.33

residuals in x for clustersize = 11, $\sigma = 11.40$

residuals in x for clustersize = 12, $\sigma = 0.00$