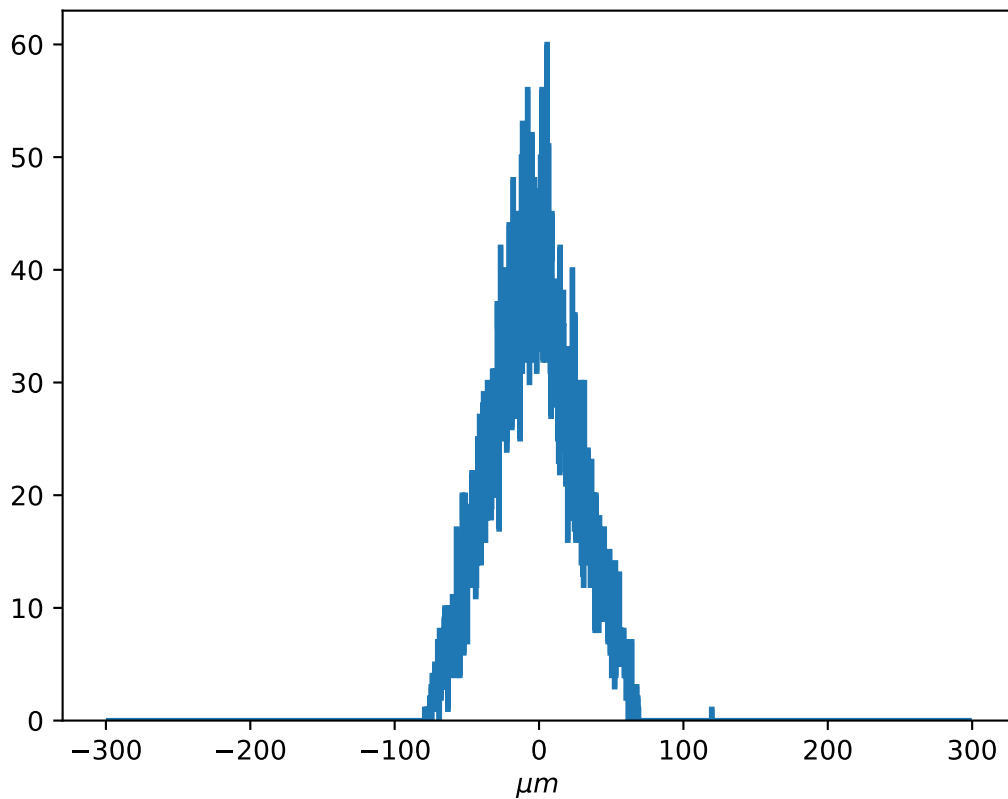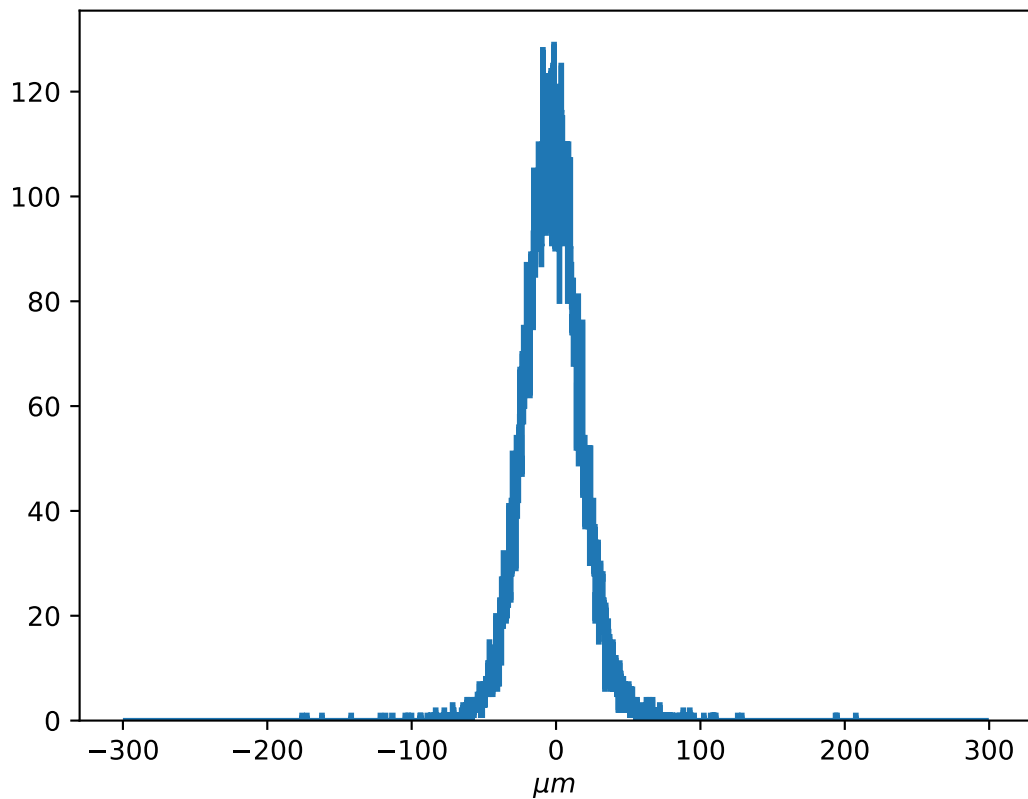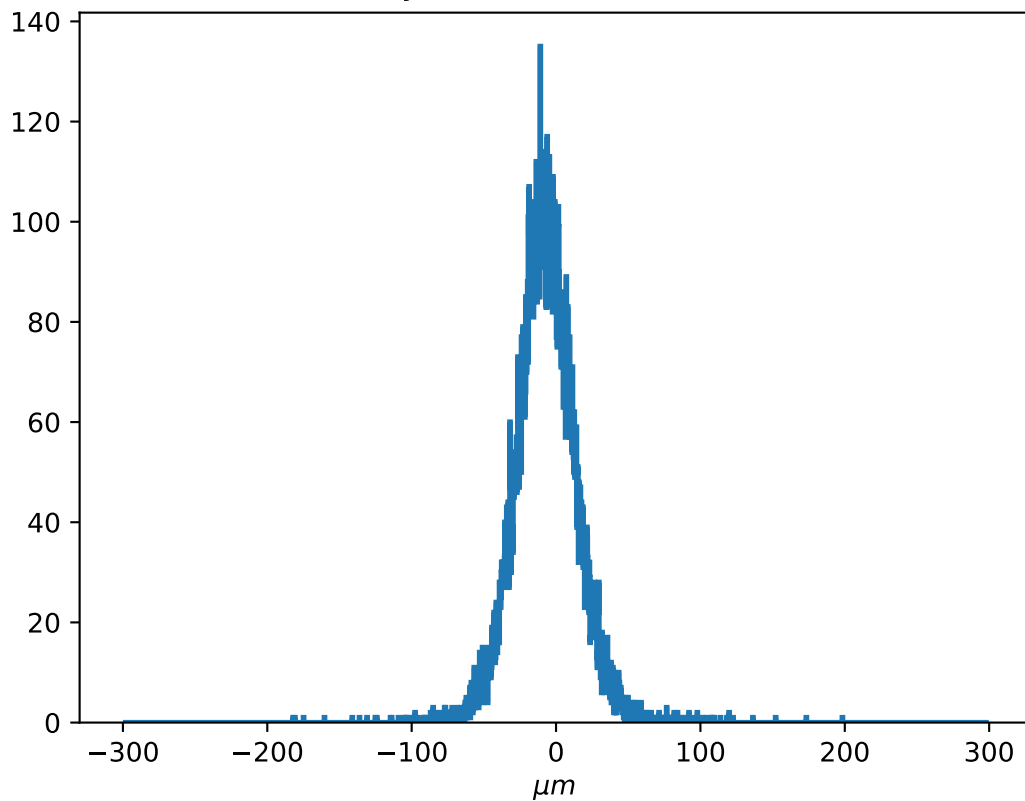residuals in y for clustersize = 1, $\sigma = 28.80$
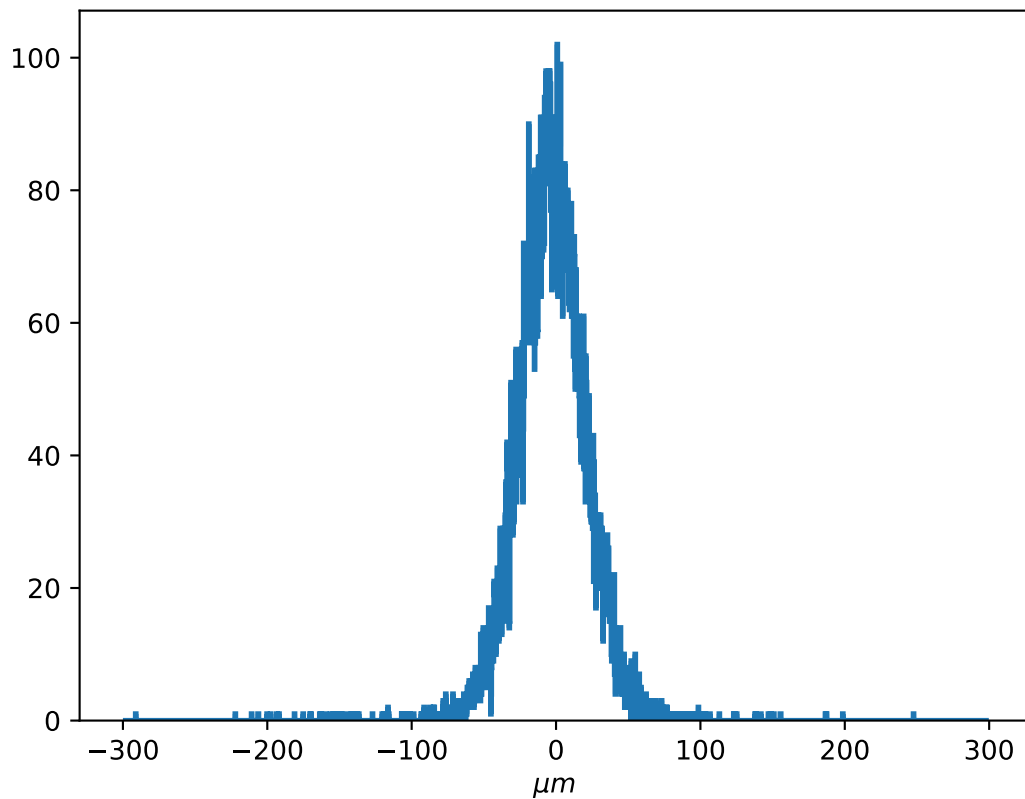
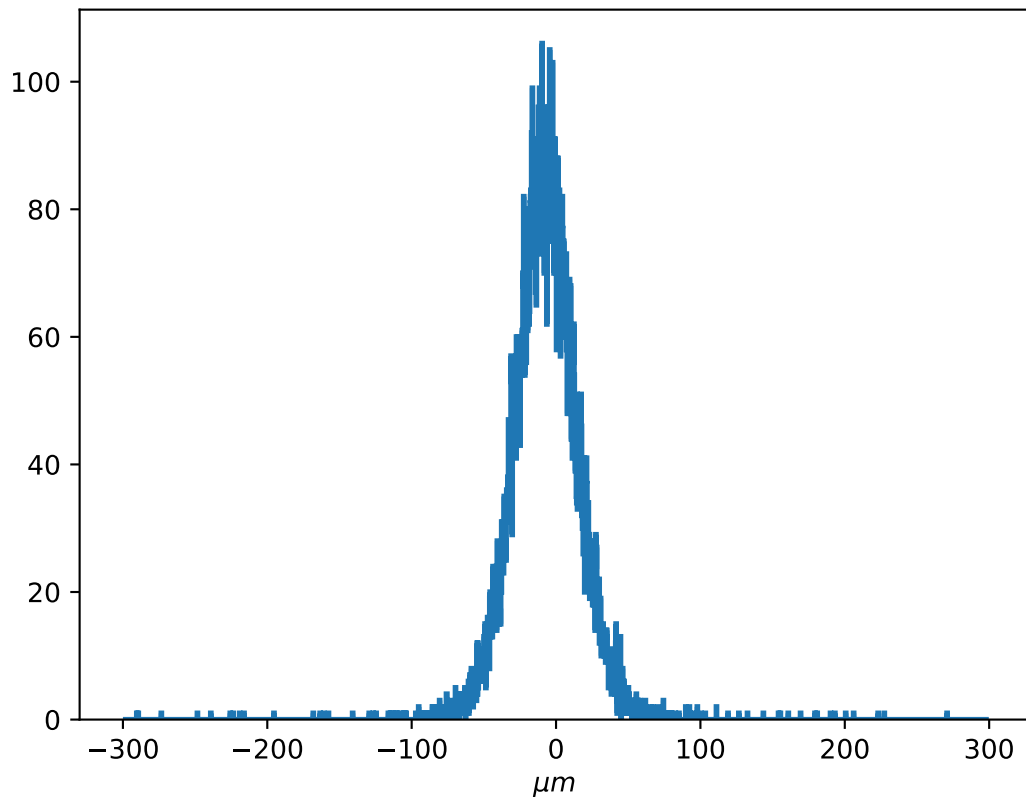residuals in y for clustersize = 2, σ = 20.24

residuals in y for clustersize = 3, σ = 21.43
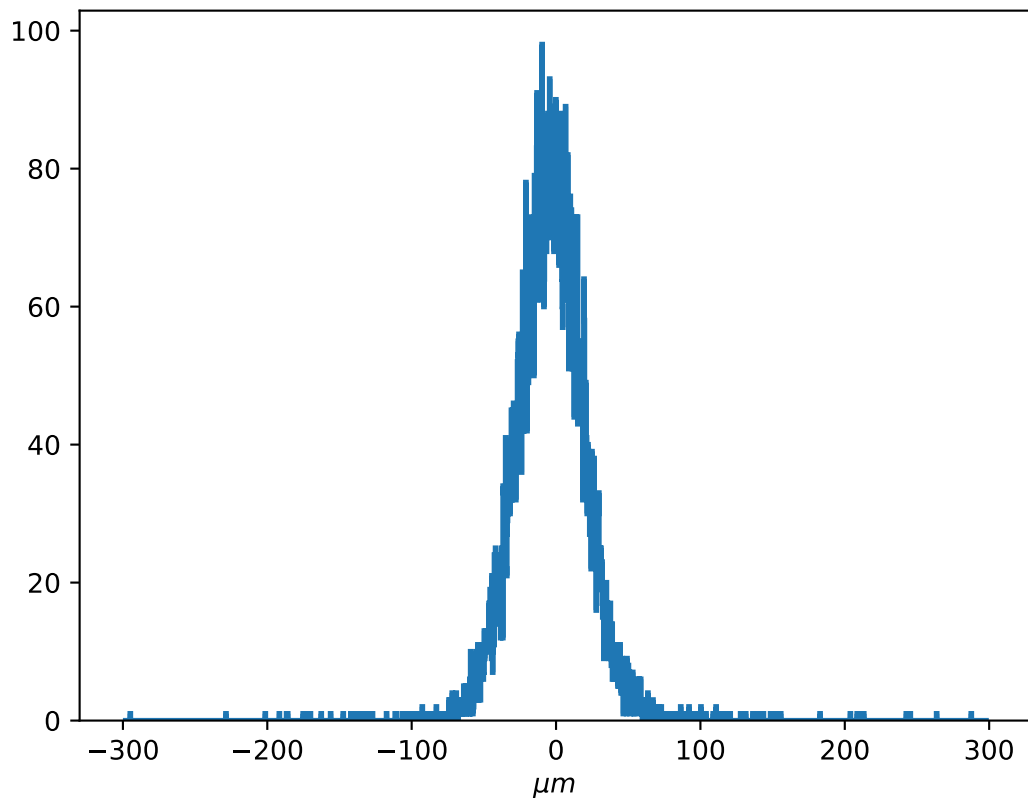
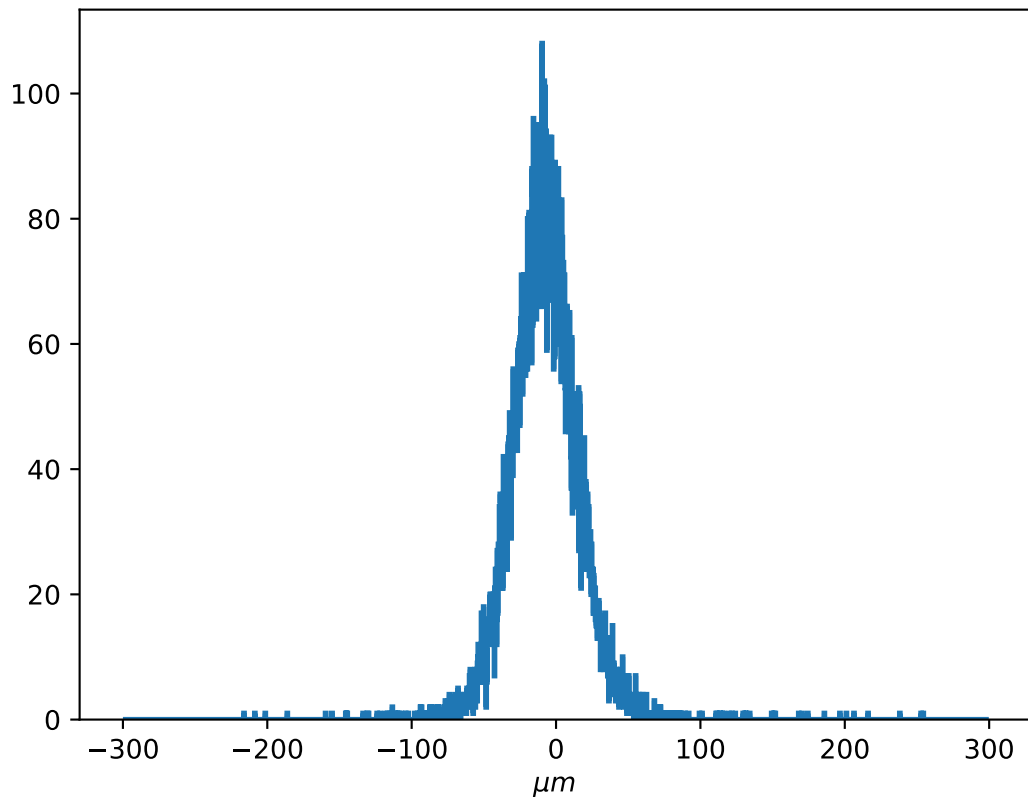residuals in y for clustersize = 4, σ = 24.95
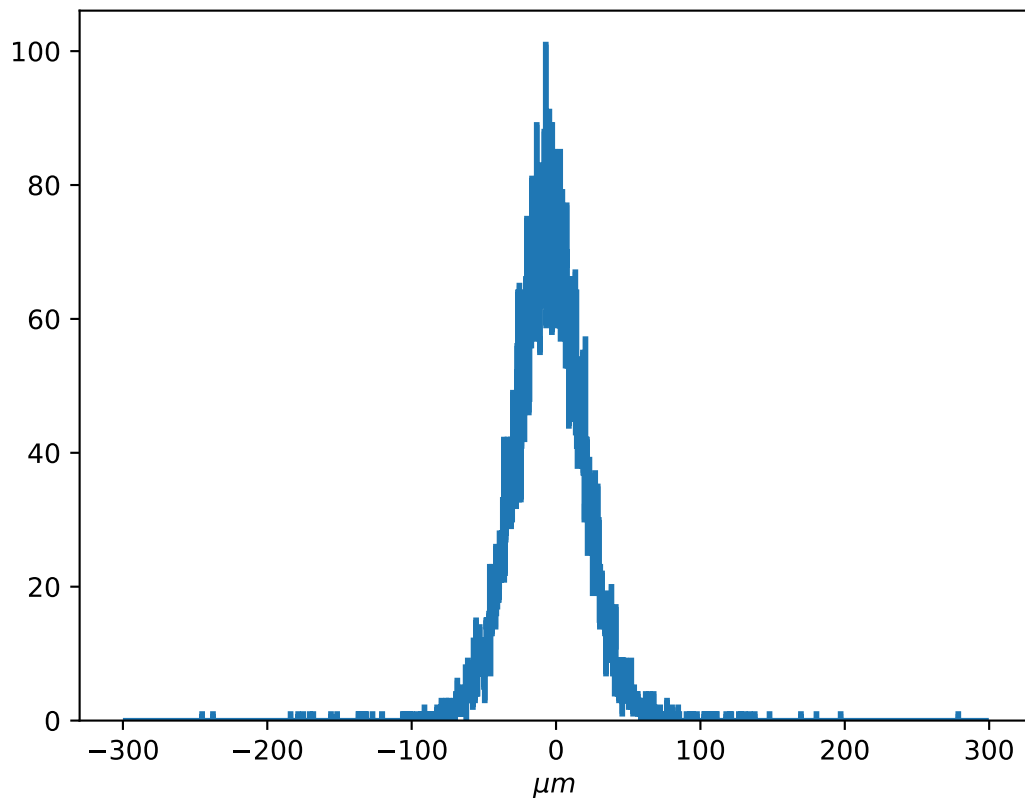
residuals in y for clustersize = 5, $\sigma = 24.32$

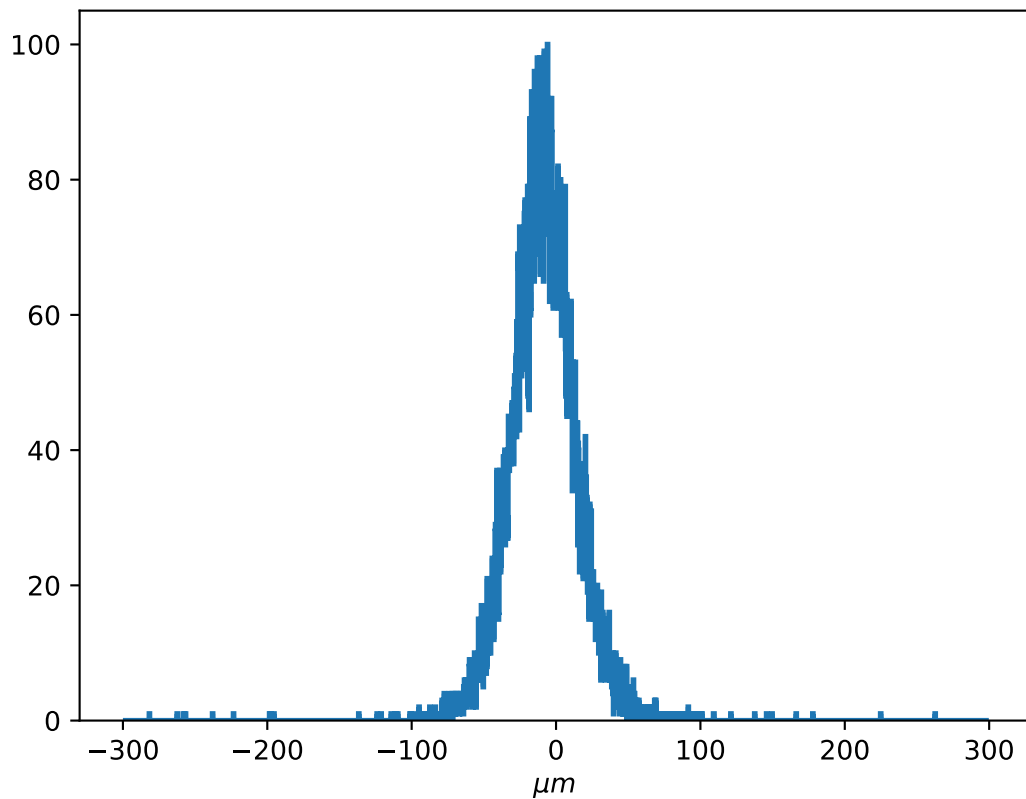residuals in y for clustersize = 6, σ = 25.26

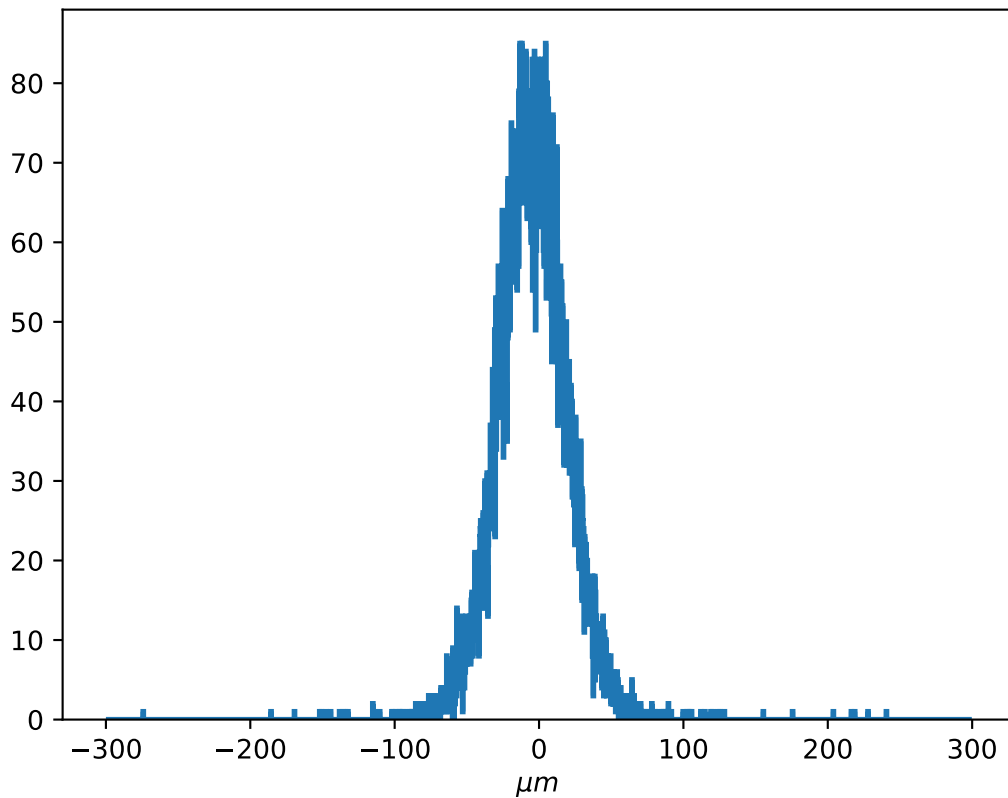residuals in y for clustersize = 7, σ = 23.97

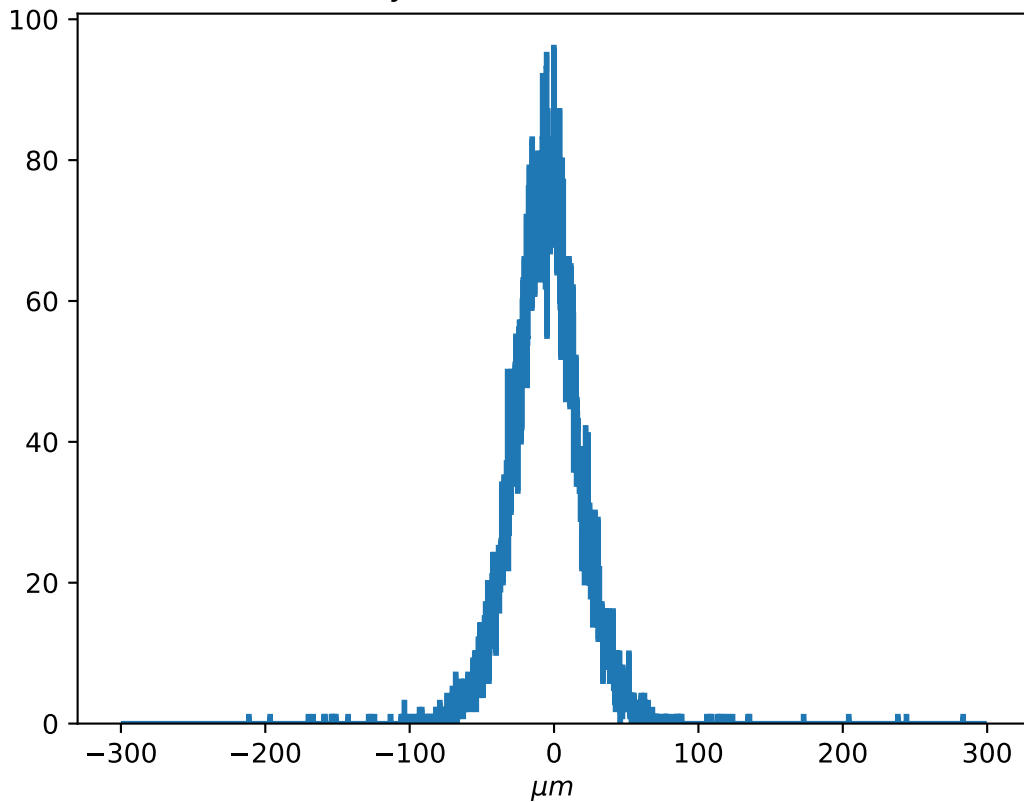residuals in y for clustersize = 8, σ = 24.65

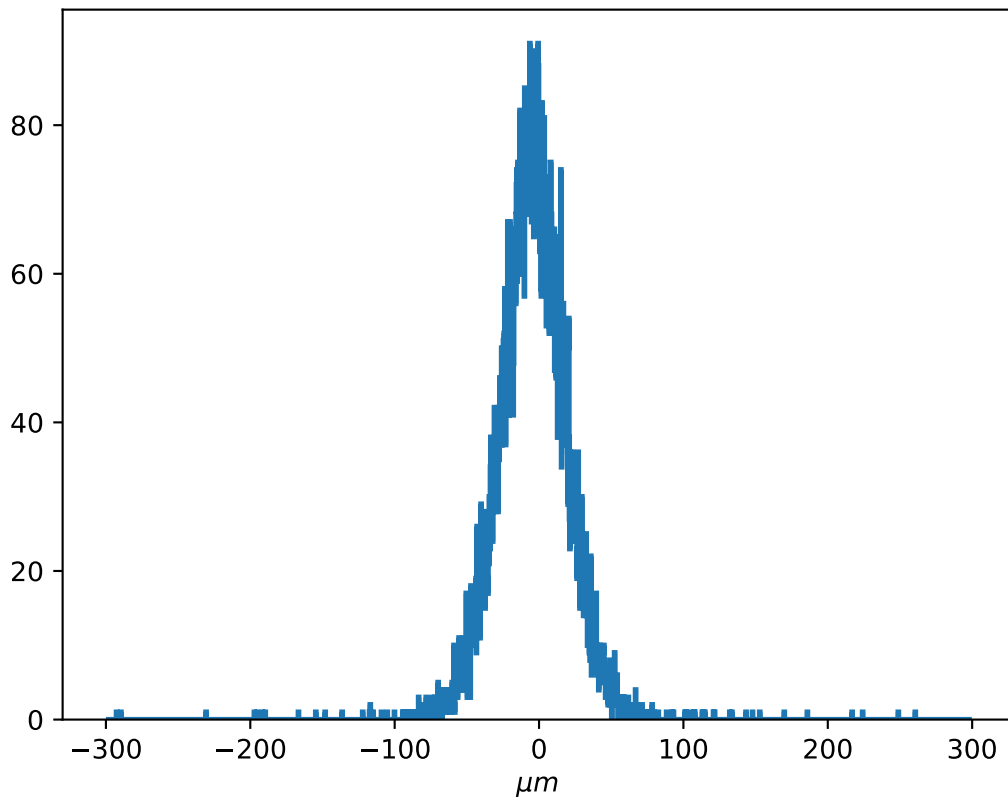residuals in y for clustersize = 9, $\sigma = 23.62$

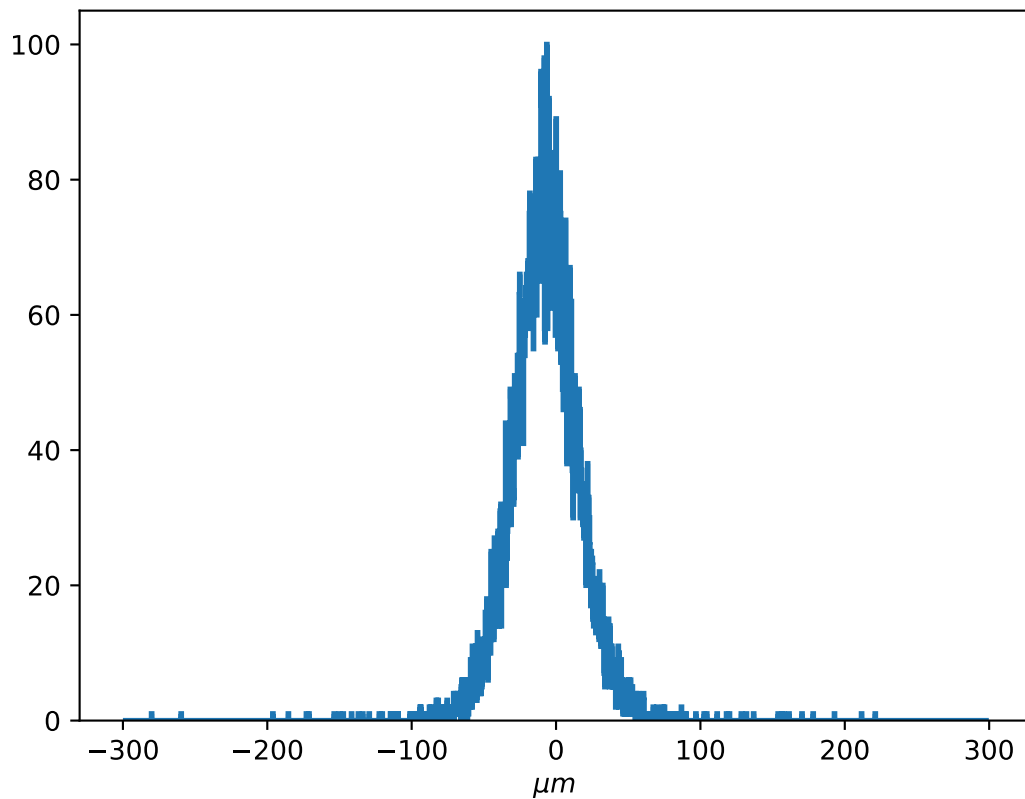residuals in y for clustersize = 10, $\sigma = 24.23$

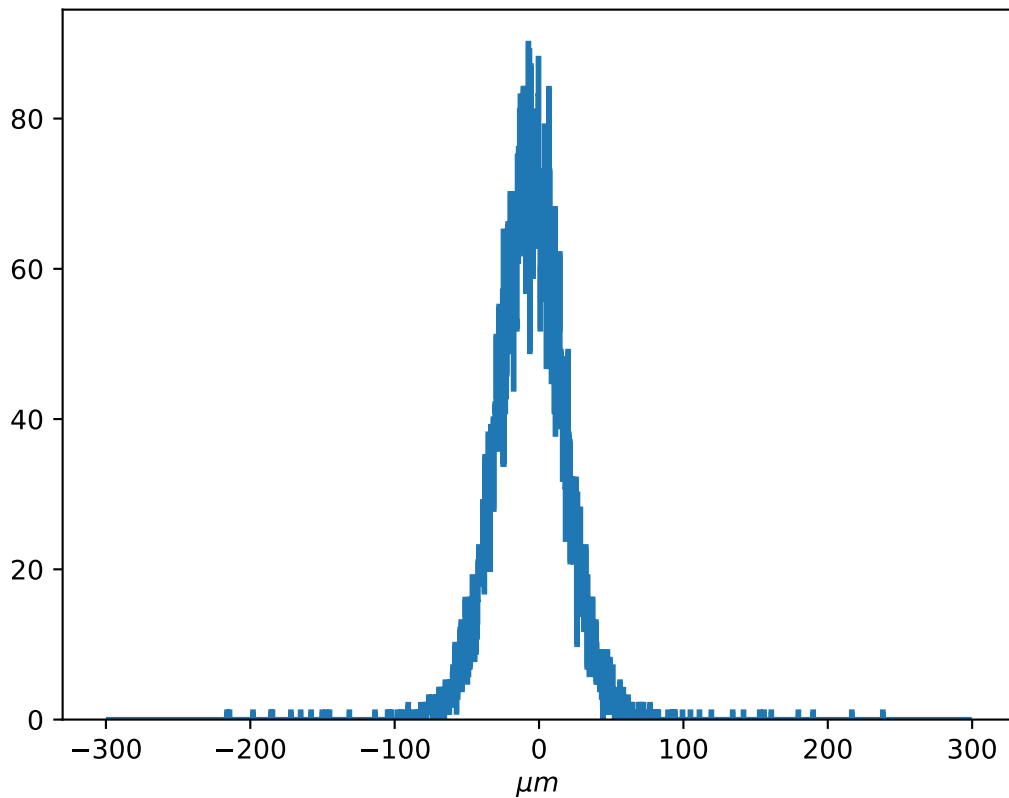residuals in y for clustersize = 11, σ = 24.03

residuals in y for clustersize = 12, σ = 24.40

residuals in y for clustersize = 13, $\sigma = 23.79$

residuals in y for clustersize = 14, σ = 24.40

residuals in y for clustersize = 15, $\sigma = 23.69$
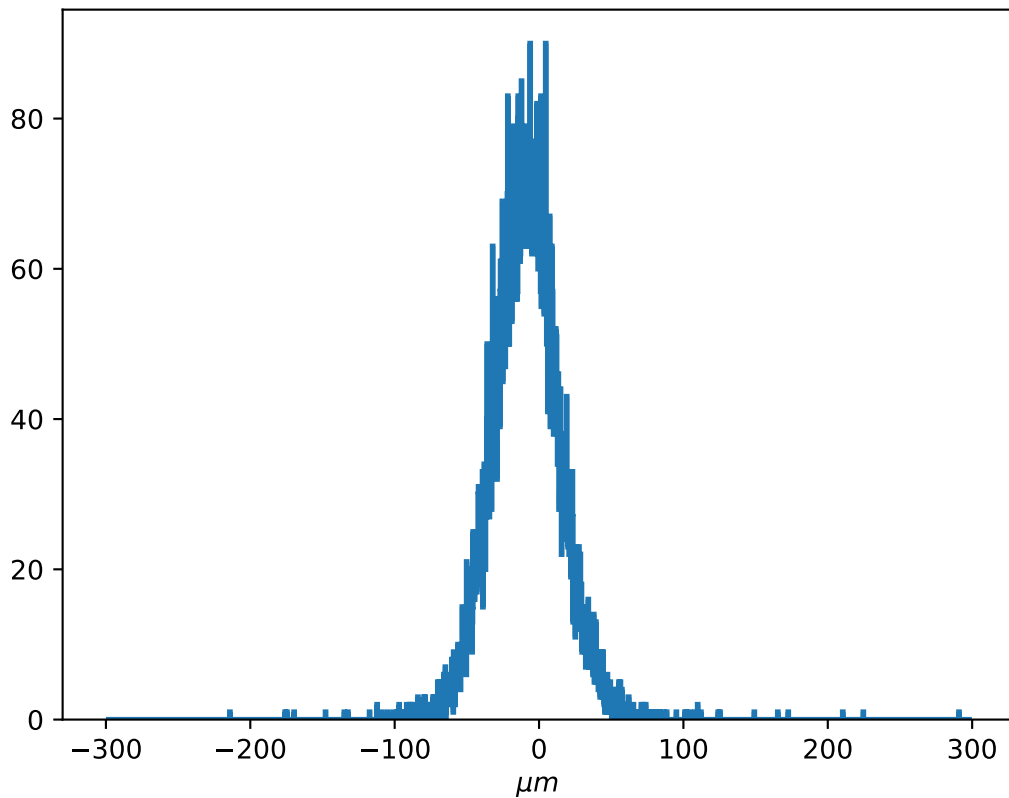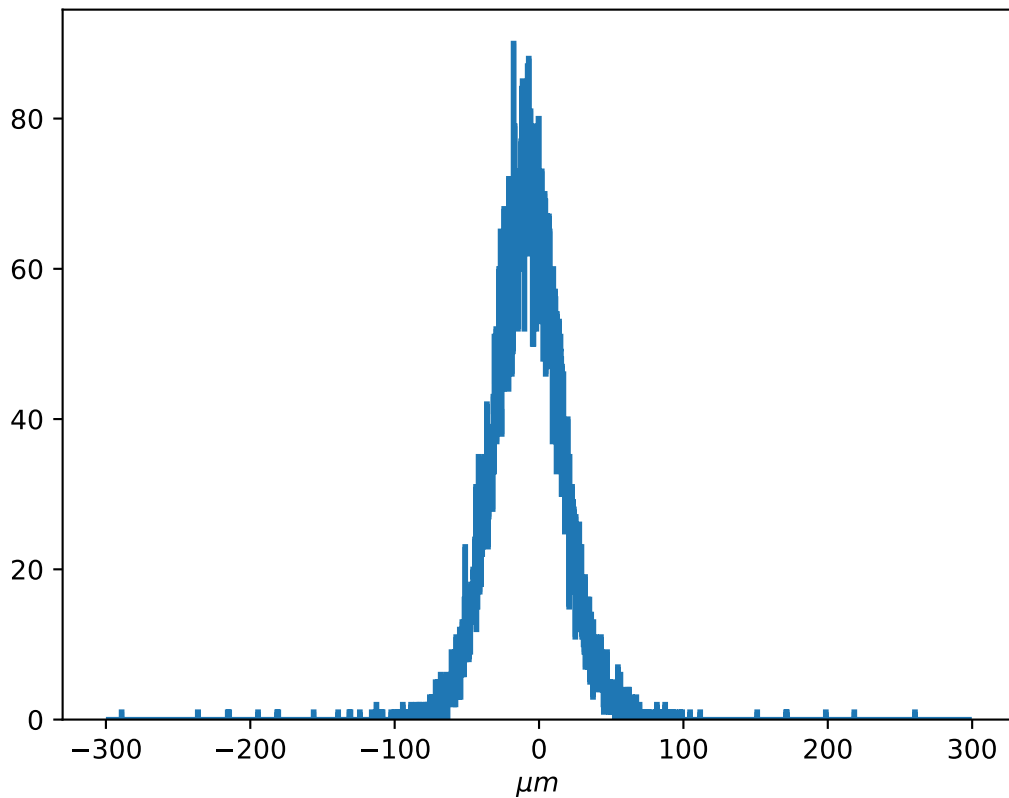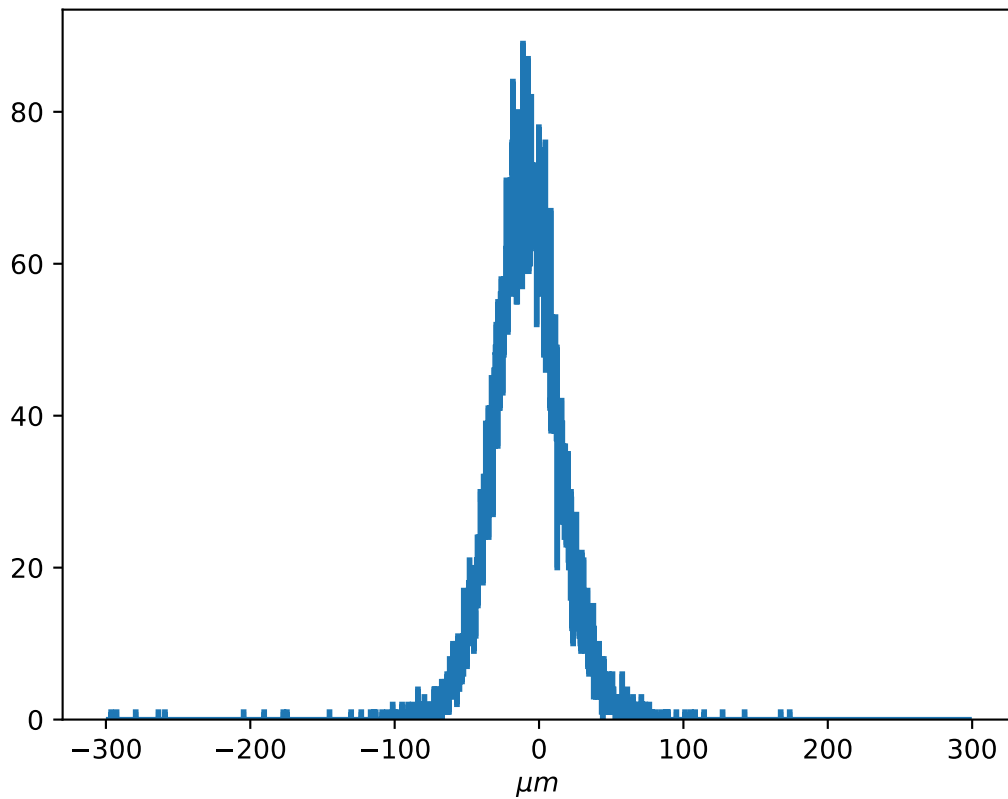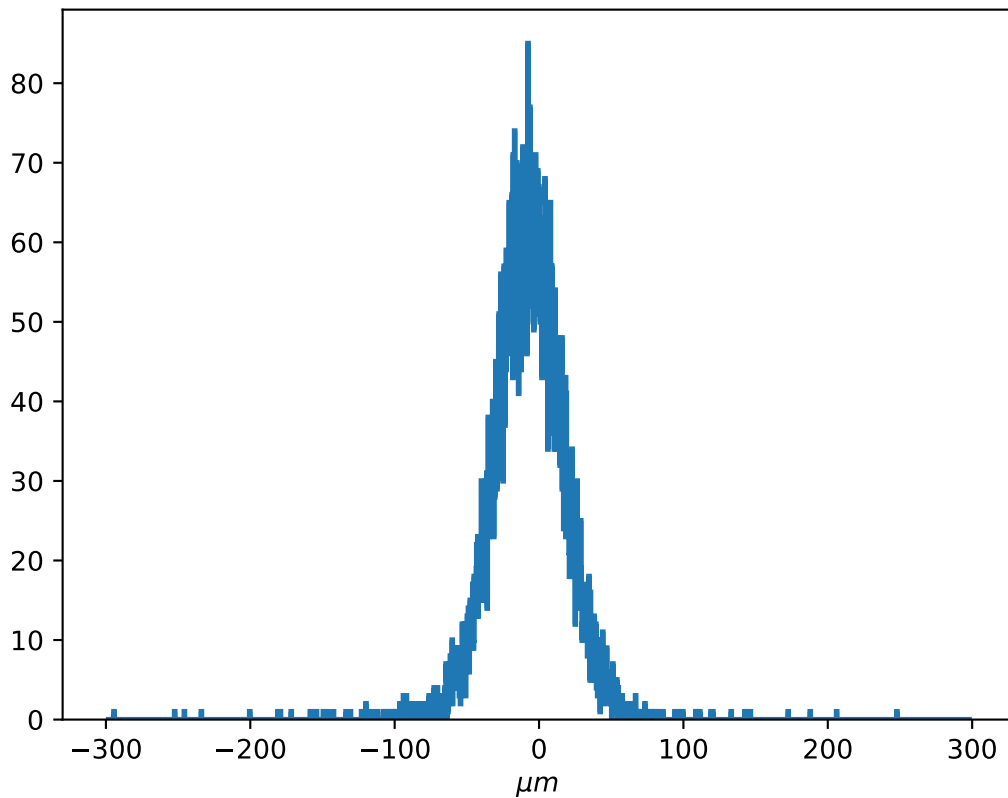
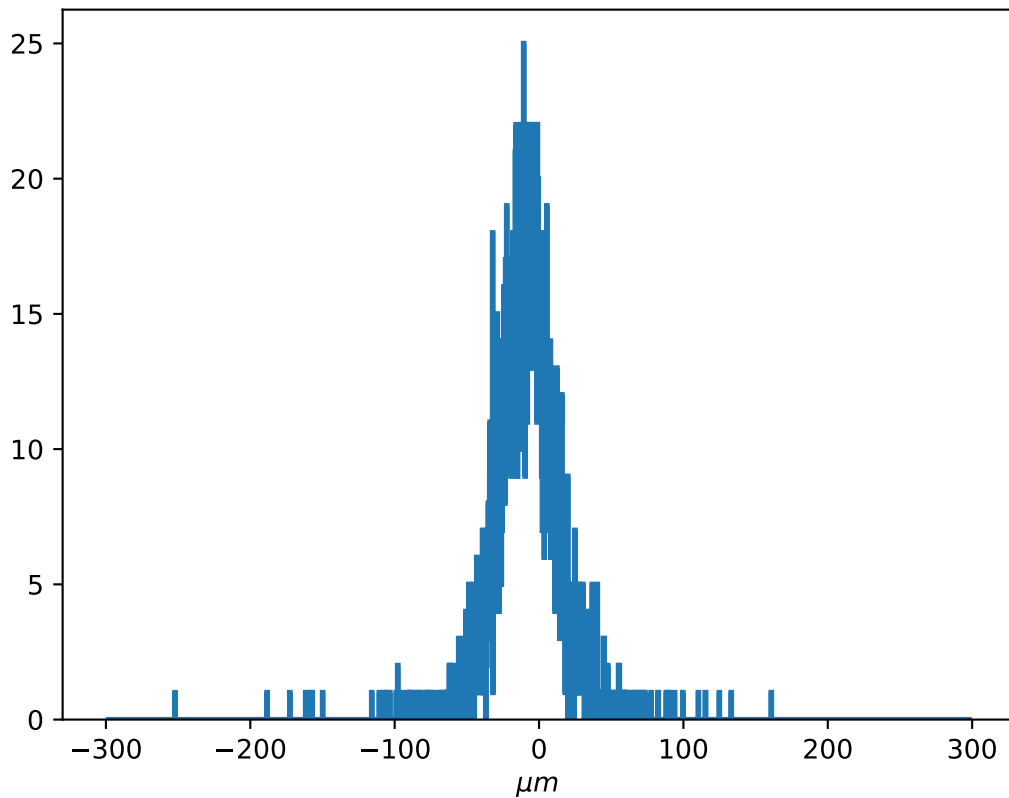residuals in y for clustersize = 16, $\sigma = 24.72$

residuals in y for clustersize = 17, $\sigma = 24.08$

residuals in y for clustersize = 18, σ = 24.86

residuals in y for clustersize = 19, σ = 24.66

residuals in y for clustersize = 20, $\sigma = 45.69$