Measurement Statistics of Acquired Data for filter order 5, cutoff 10
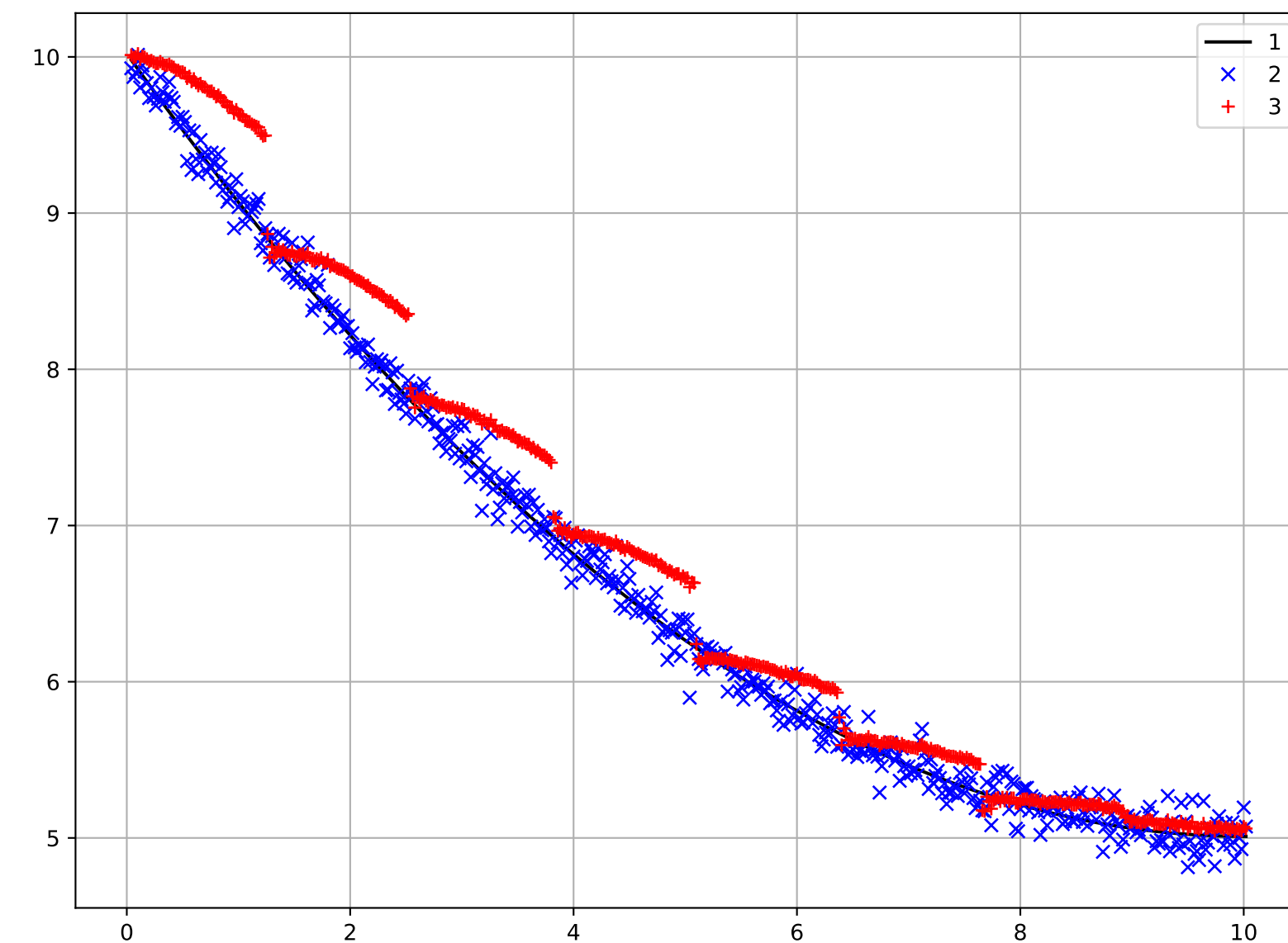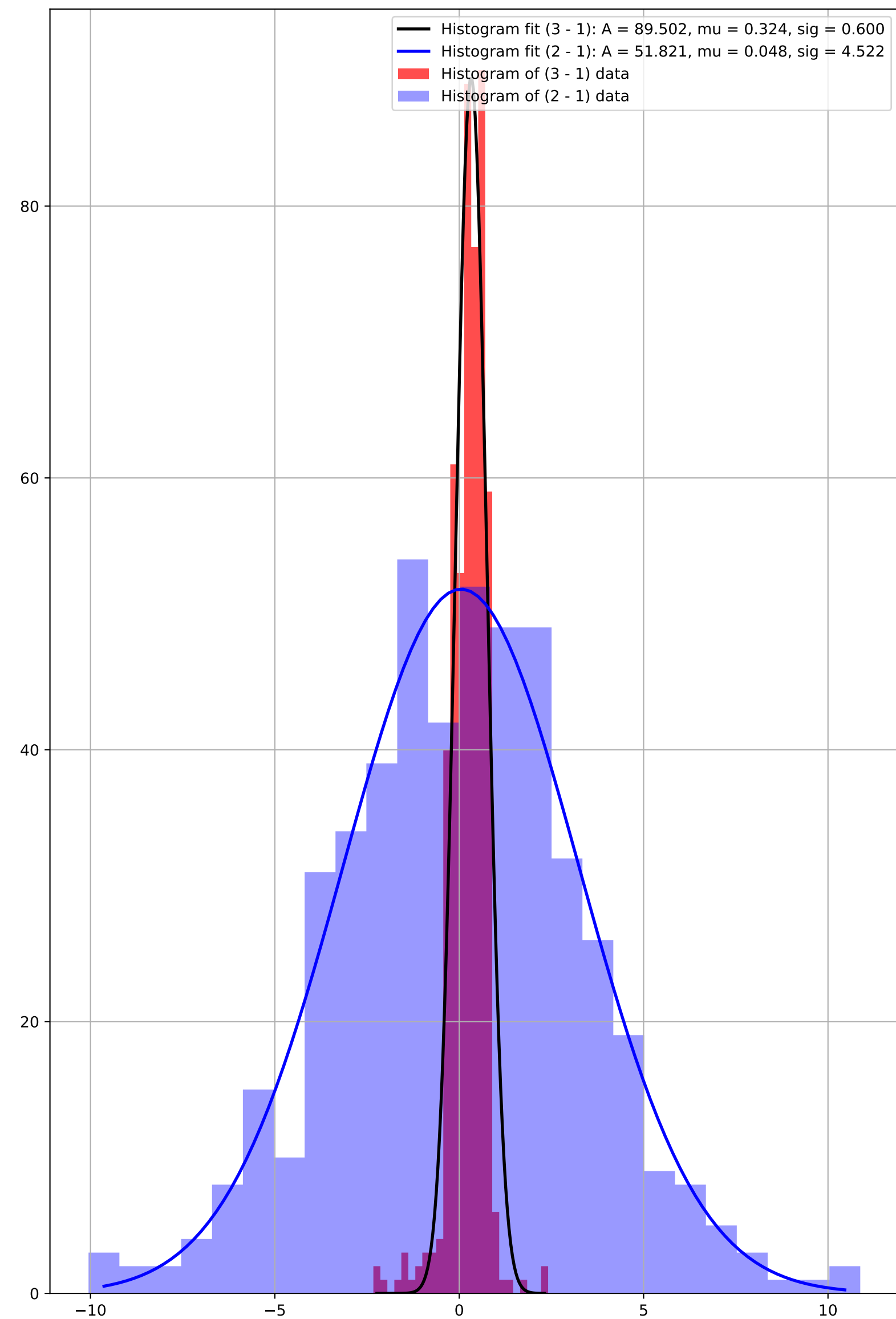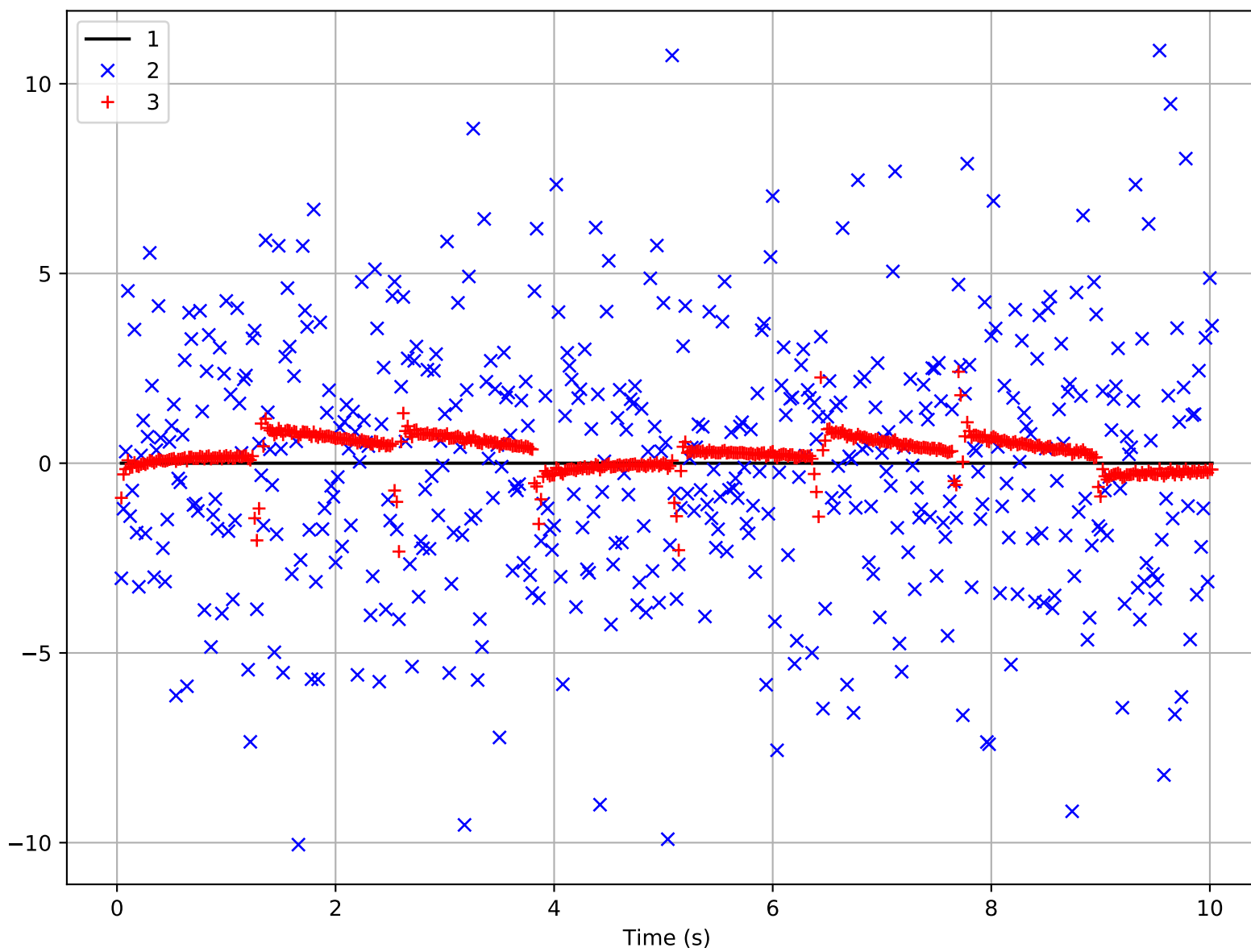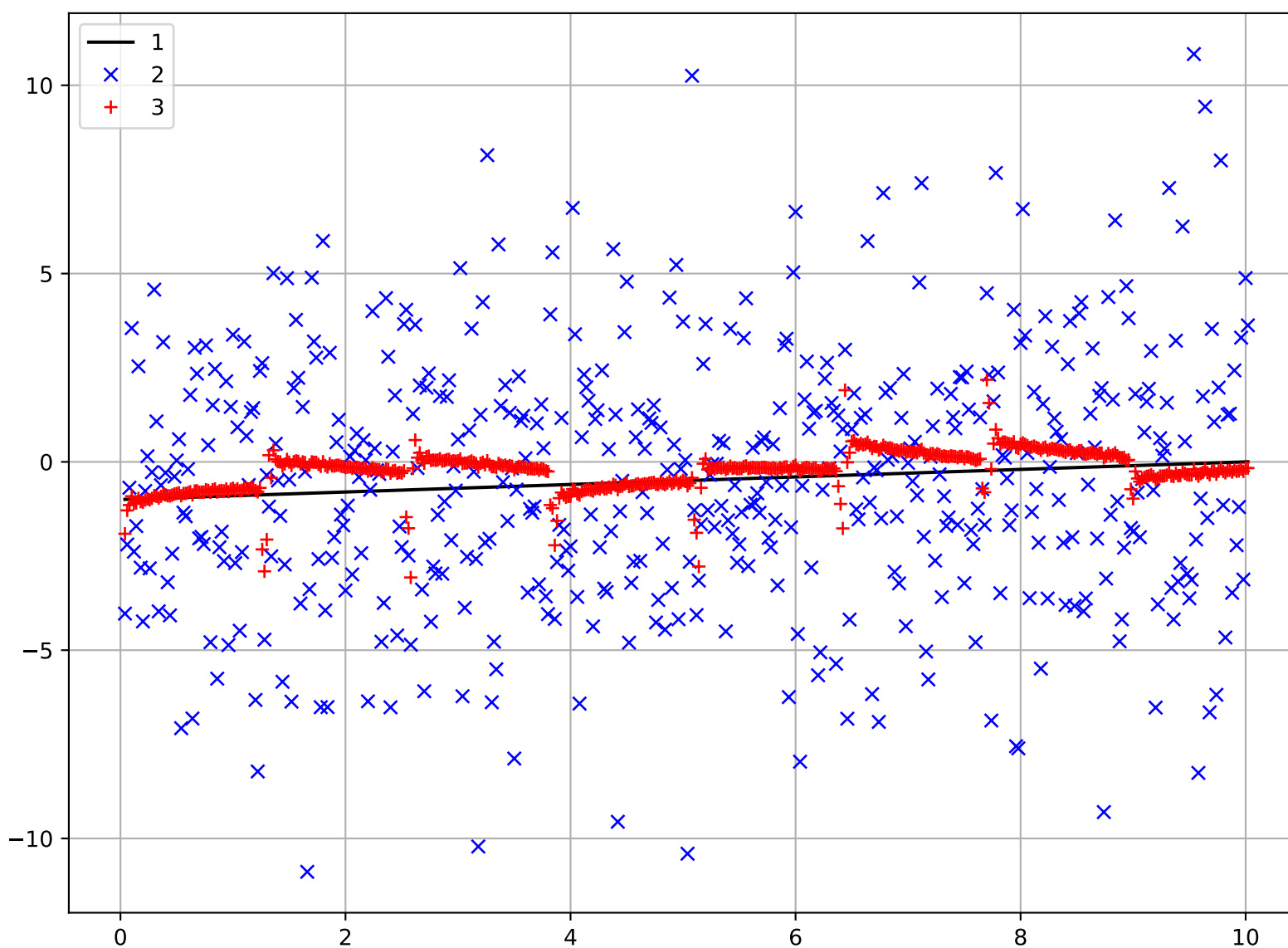1: Data, 2: Measurement (white noise), 3: Filtered measurement
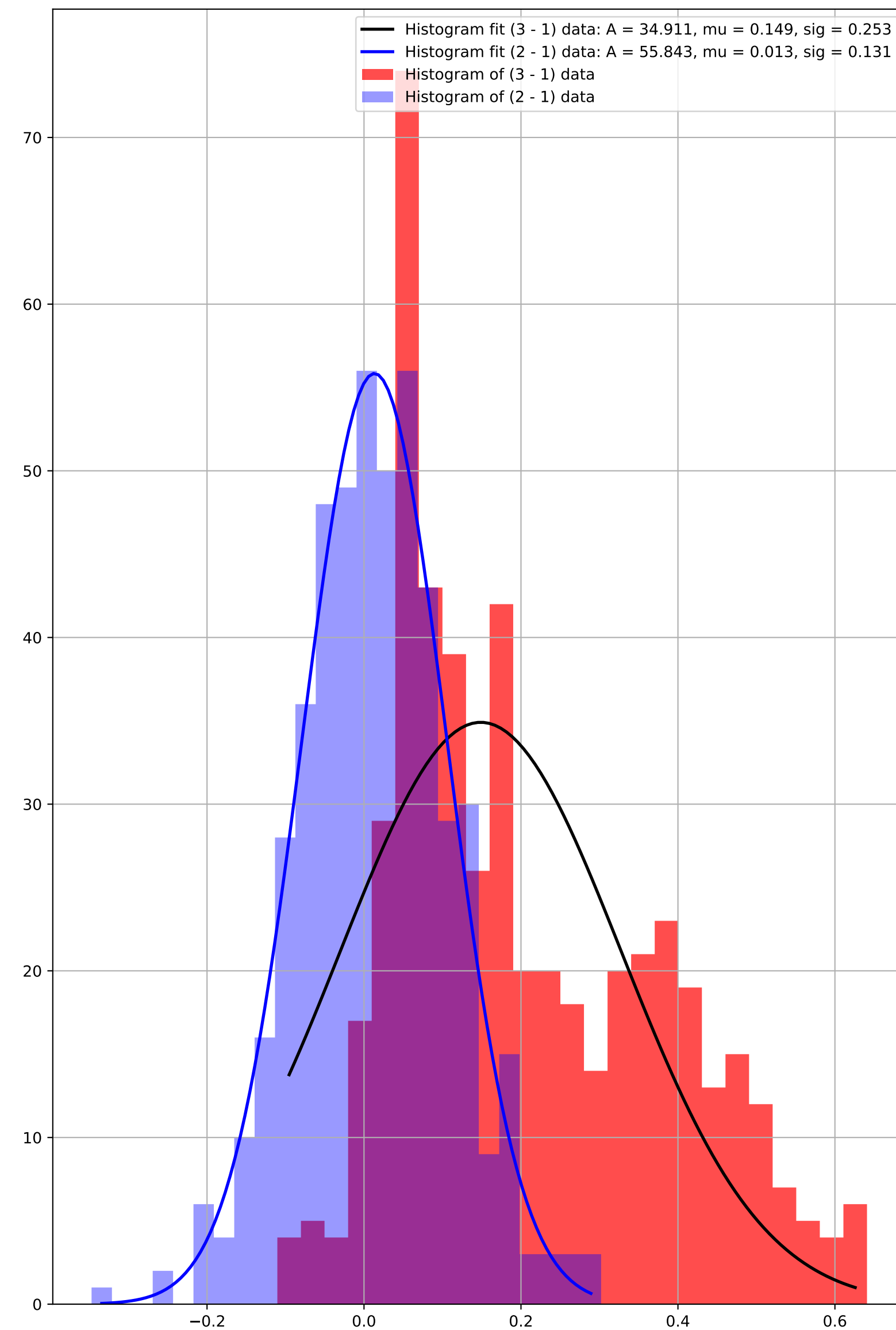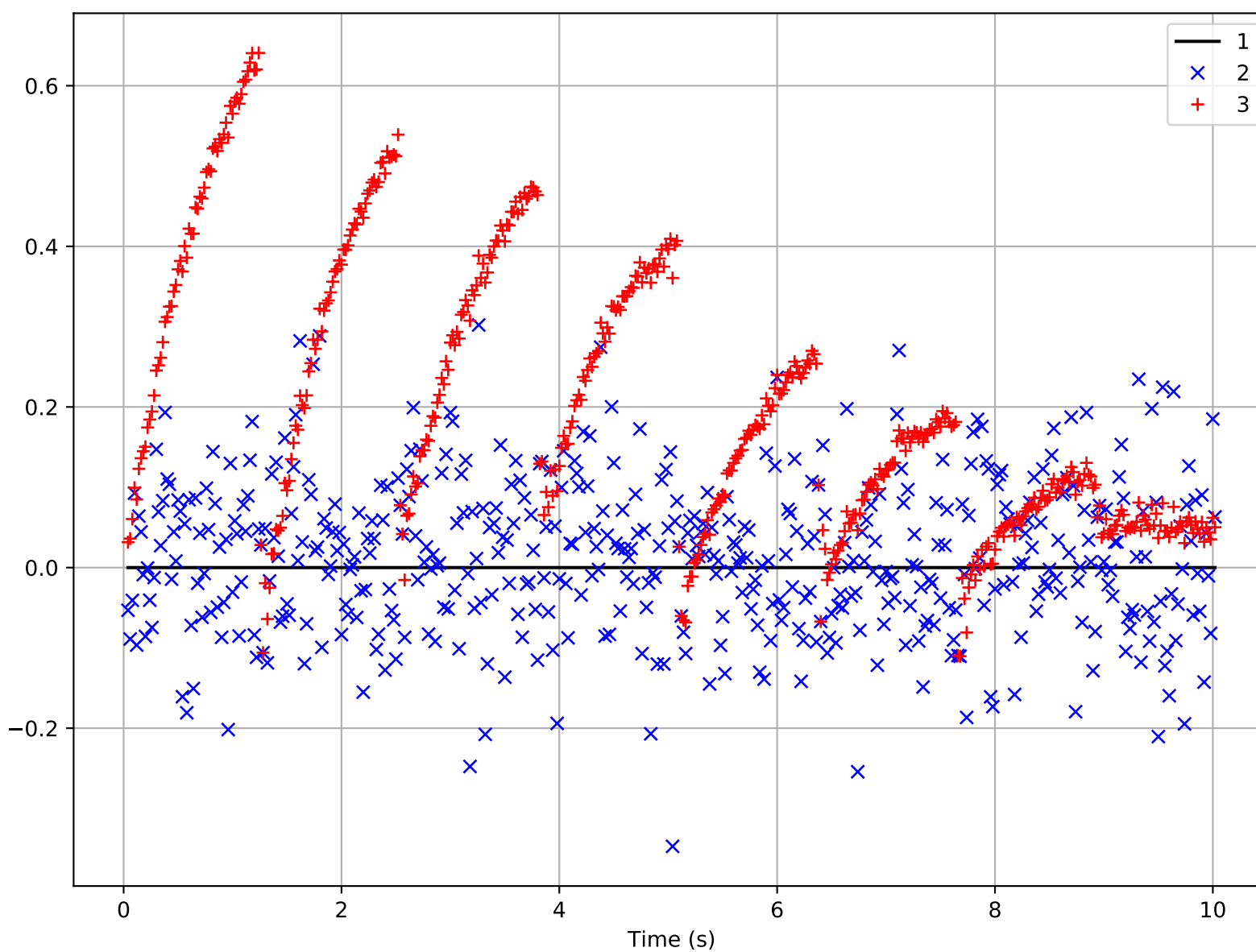
Measurement Statistics of gradient data for filter order 5, cutoff 10
1: Gradient, 2: Gradient from unfiltered measurement, 3: Filtered gradient from filtered measurement

data_31:
A = 3.491107e+01 Sigma = 2.530588e-01 Mu = 1.487323e-01
Cov[A] = 2.476400e+01 Cov[Mu] = 2.421157e-03Cov[Sigma] = 9.765850e-04
Xmin = -9.538264e-02 Ymin = 6.258346e-01

data_21:
A = 5.584336e+01 Sigma = 1.305929e-01 Mu = 1.332947e-02
Cov[A] = 2.674102e+00 Cov[Mu] = 1.951197e-05Cov[Sigma] = 9.747601e-06
Xmin = -3.341426e-01 Ymin = 2.891066e-01

grad_41:
A = 8.950230e+01 Sigma = 5.995300e-01 Mu = 3.238918e-01
Cov[A] = 3.278226e+01 Cov[Mu] = 1.961335e-03Cov[Sigma] = 9.806674e-04
Xmin = -2.233341e+00 Ymin = 2.316298e+00

grad_21:
A = 5.182053e+01 Sigma = 4.521512e+00 Mu = 4.788031e-02
Cov[A] = 3.152111e+00 Cov[Mu] = 3.202030e-02Cov[Sigma] = 1.599532e-02
Xmin = -9.633576e+00 Ymin = 1.045661e+01