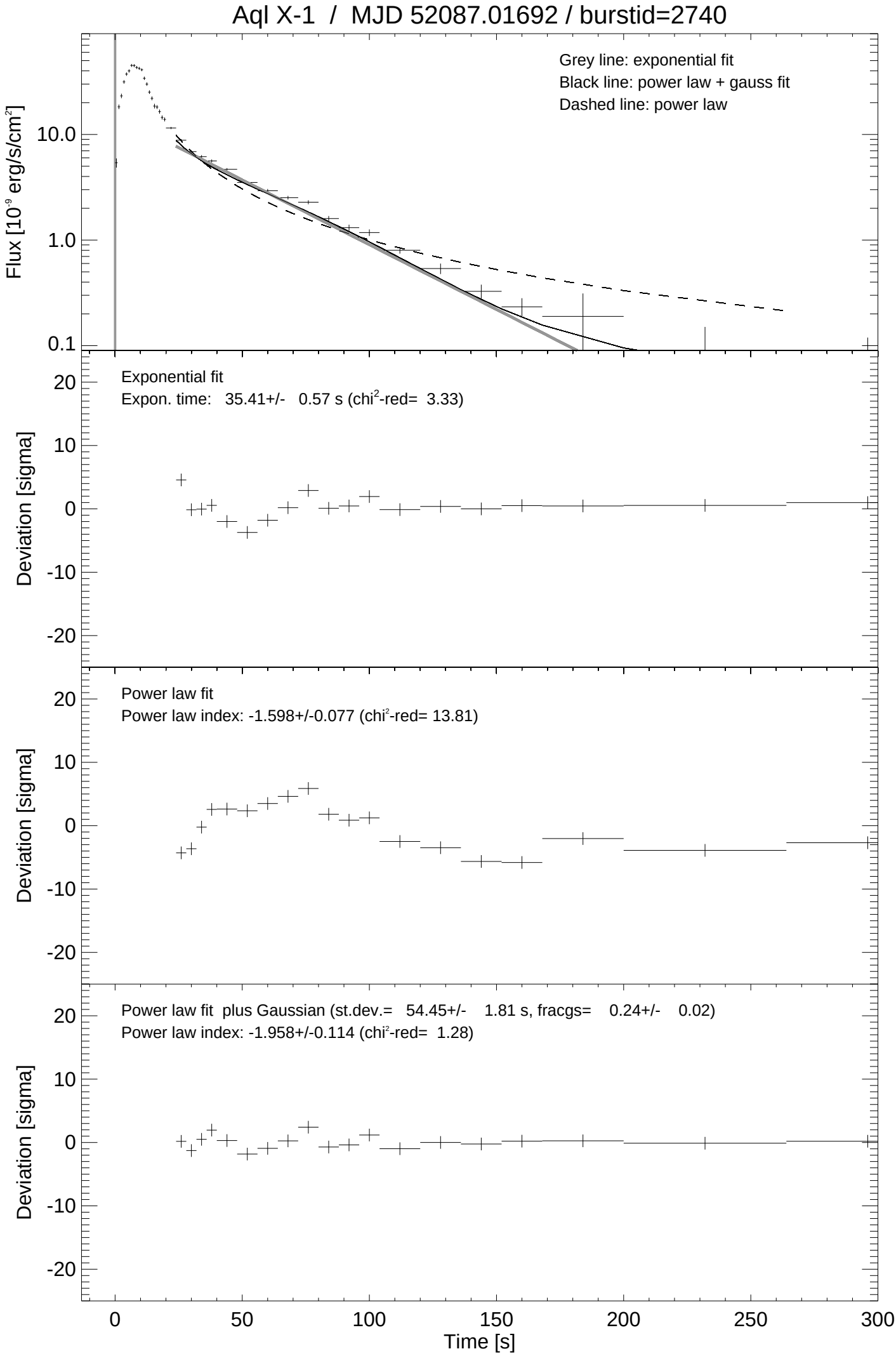
Aql X-1 / MJD 52087.01692 / burstid=2740
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 35.41+/- 0.57 s (chi^2-red= 3.33)
Power law fit
Power law index: -1.598+/-0.077 (chi^2-red= 13.81)
Power law fit plus Gaussian (st.dev.= 54.45+/- 1.81 s, fracgs= 0.24+/- 0.02)
Power law index: -1.958+/-0.114 (chi^2-red= 1.28)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]