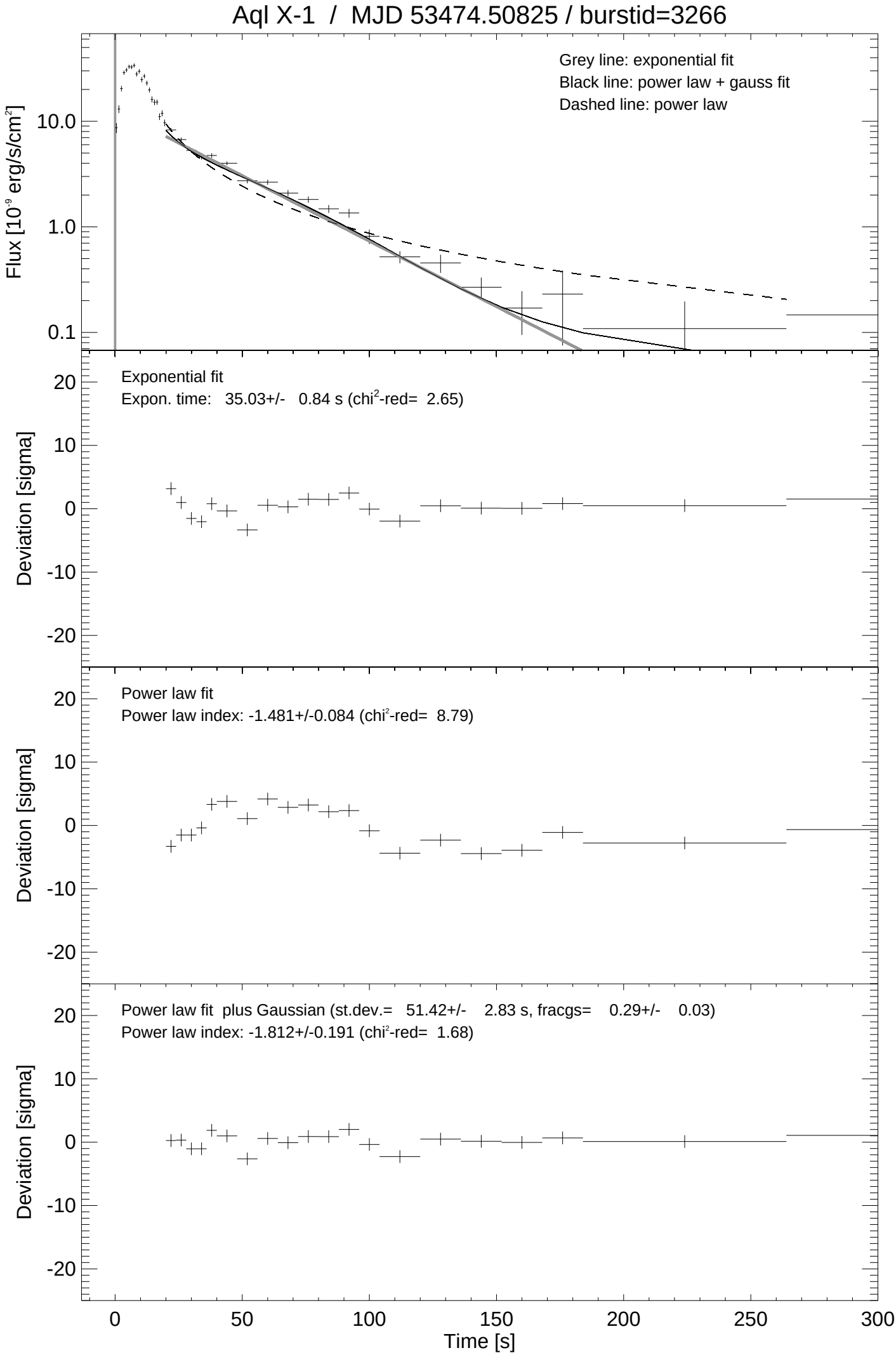
Aql X-1 / MJD 53474.50825 / burstid=3266
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 35.03+/- 0.84 s (chi^2-red= 2.65)
Power law fit
Power law index: -1.481+/-0.084 (chi^2-red= 8.79)
Power law fit plus Gaussian (st.dev.= 51.42+/- 2.83 s, fracgs= 0.29+/- 0.03)
Power law index: -1.812+/-0.191 (chi^2-red= 1.68)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]