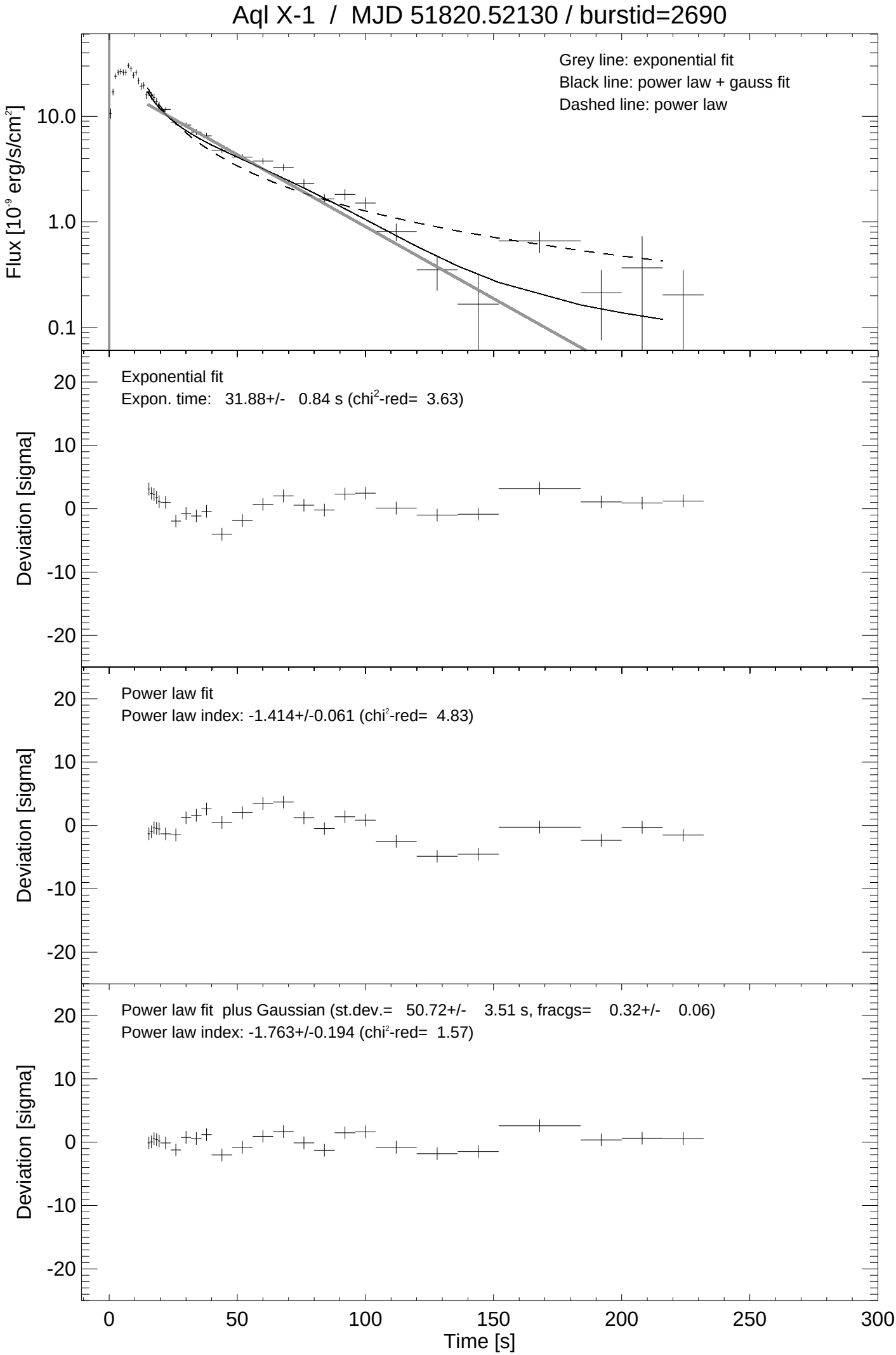
Aql X-1 / MJD 51820.52130 / burstid=2690
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 31.88+/- 0.84 s (chi^2-red= 3.63)
Power law fit
Power law index: -1.414+/-0.061 (chi^2-red= 4.83)
Power law fit plus Gaussian (st.dev.= 50.72+/- 3.51 s, fracgs= 0.32+/- 0.06)
Power law index: -1.763+/-0.194 (chi^2-red= 1.57)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]