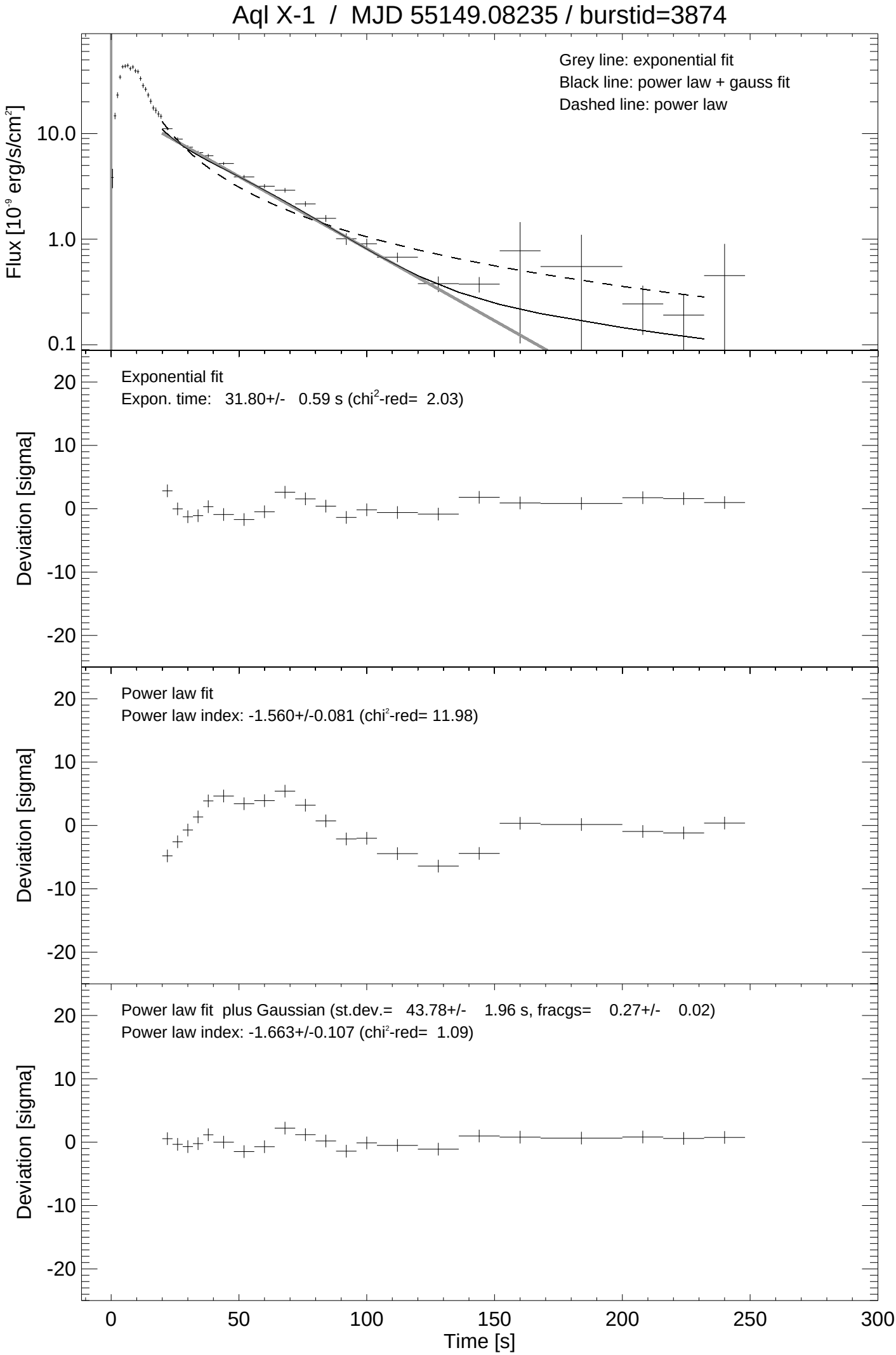
Aql X-1 / MJD 55149.08235 / burstid=3874
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 31.80+/- 0.59 s (chi^2-red= 2.03)
Power law fit
Power law index: -1.560+/-0.081 (chi^2-red= 11.98)
Power law fit plus Gaussian (st.dev.= 43.78+/- 1.96 s, fracgs= 0.27+/- 0.02)
Power law index: -1.663+/-0.107 (chi^2-red= 1.09)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]