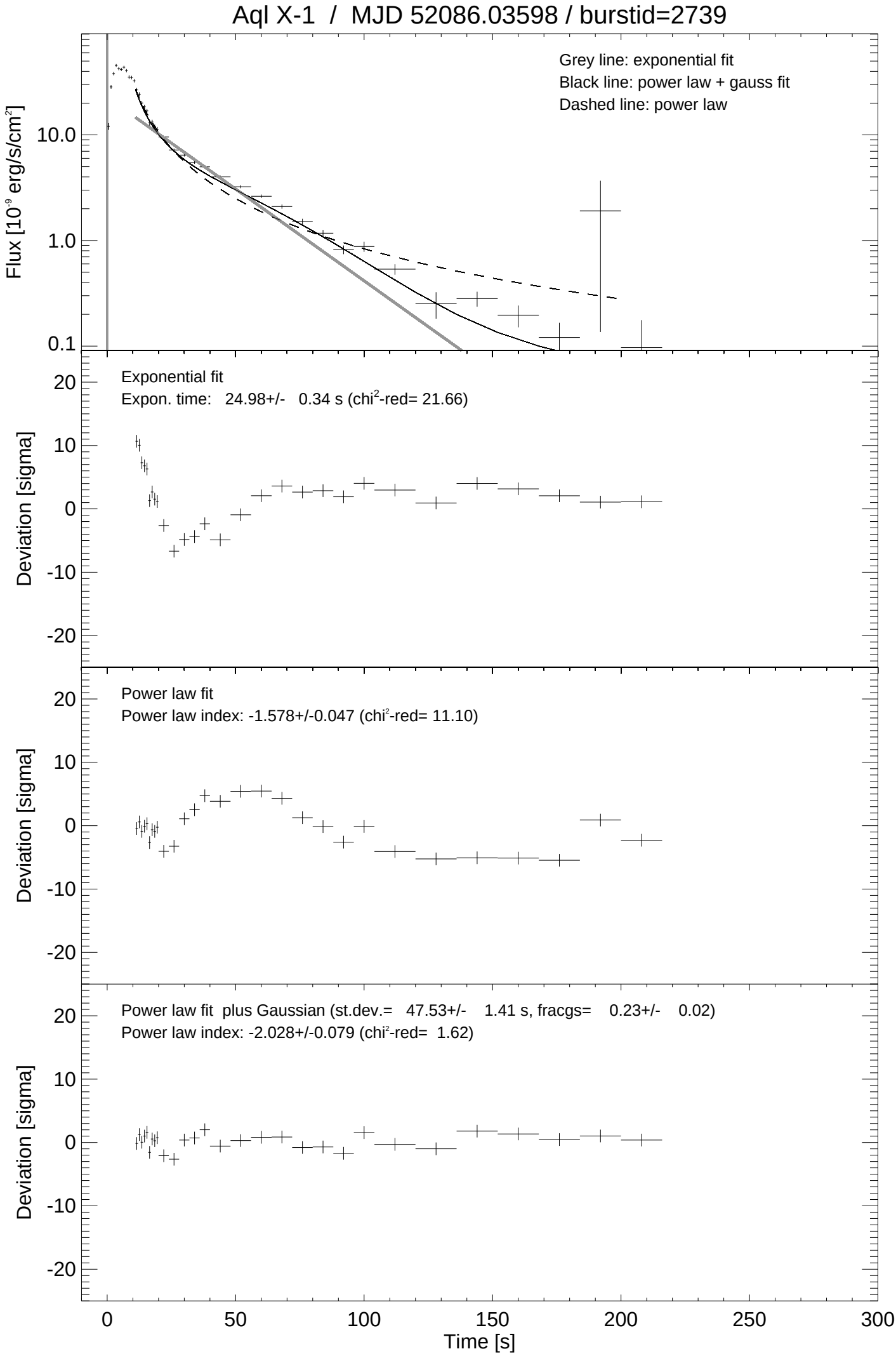
Aql X-1 / MJD 52086.03598 / burstid=2739
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 24.98+/- 0.34 s (chi^2-red= 21.66)
Power law fit
Power law index: -1.578+/-0.047 (chi^2-red= 11.10)
Power law fit plus Gaussian (st.dev.= 47.53+/- 1.41 s, fracgs= 0.23+/- 0.02)
Power law index: -2.028+/-0.079 (chi^2-red= 1.62)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]