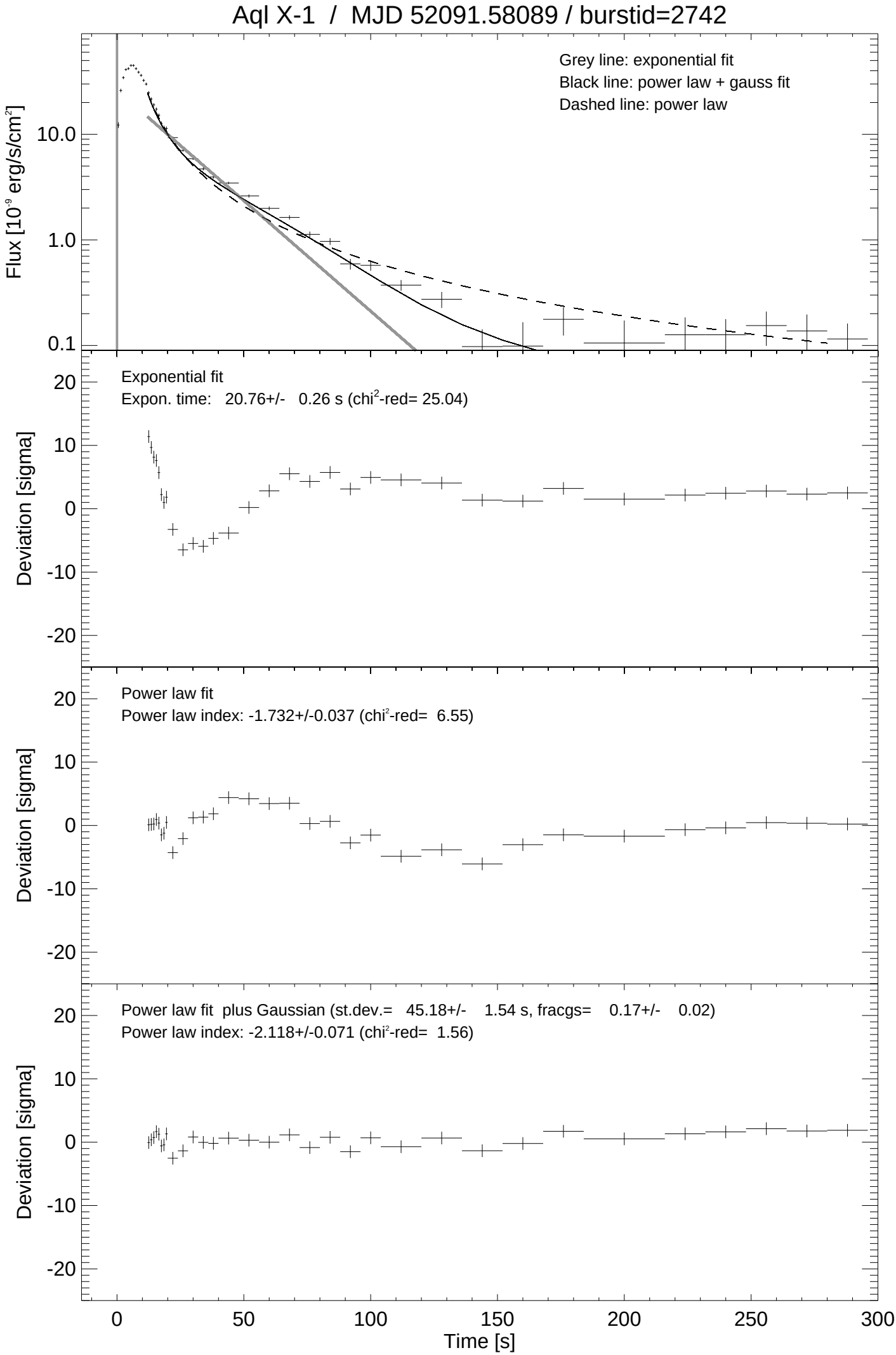
Aql X-1 / MJD 52091.58089 / burstid=2742
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 20.76+/- 0.26 s (chi^2-red= 25.04)
Power law fit
Power law index: -1.732+/-0.037 (chi^2-red= 6.55)
Power law fit plus Gaussian (st.dev.= 45.18+/- 1.54 s, fracgs= 0.17+/- 0.02)
Power law index: -2.118+/-0.071 (chi^2-red= 1.56)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]