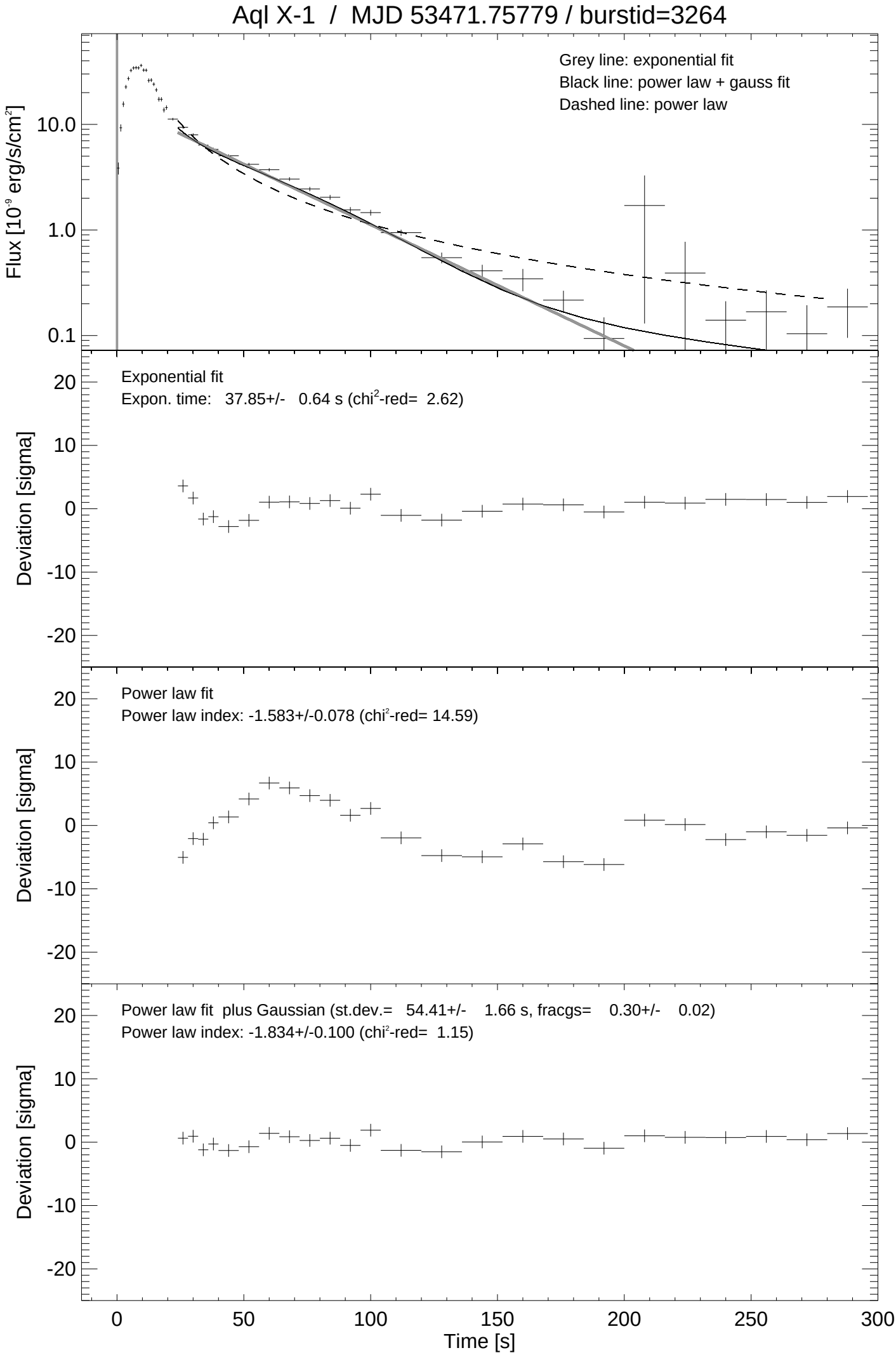
Aql X-1 / MJD 53471.75779 / burstid=3264
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 37.85+/- 0.64 s (chi^2-red= 2.62)
Power law fit
Power law index: -1.583+/-0.078 (chi^2-red= 14.59)
Power law fit plus Gaussian (st.dev.= 54.41+/- 1.66 s, fracgs= 0.30+/- 0.02)
Power law index: -1.834+/-0.100 (chi^2-red= 1.15)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]