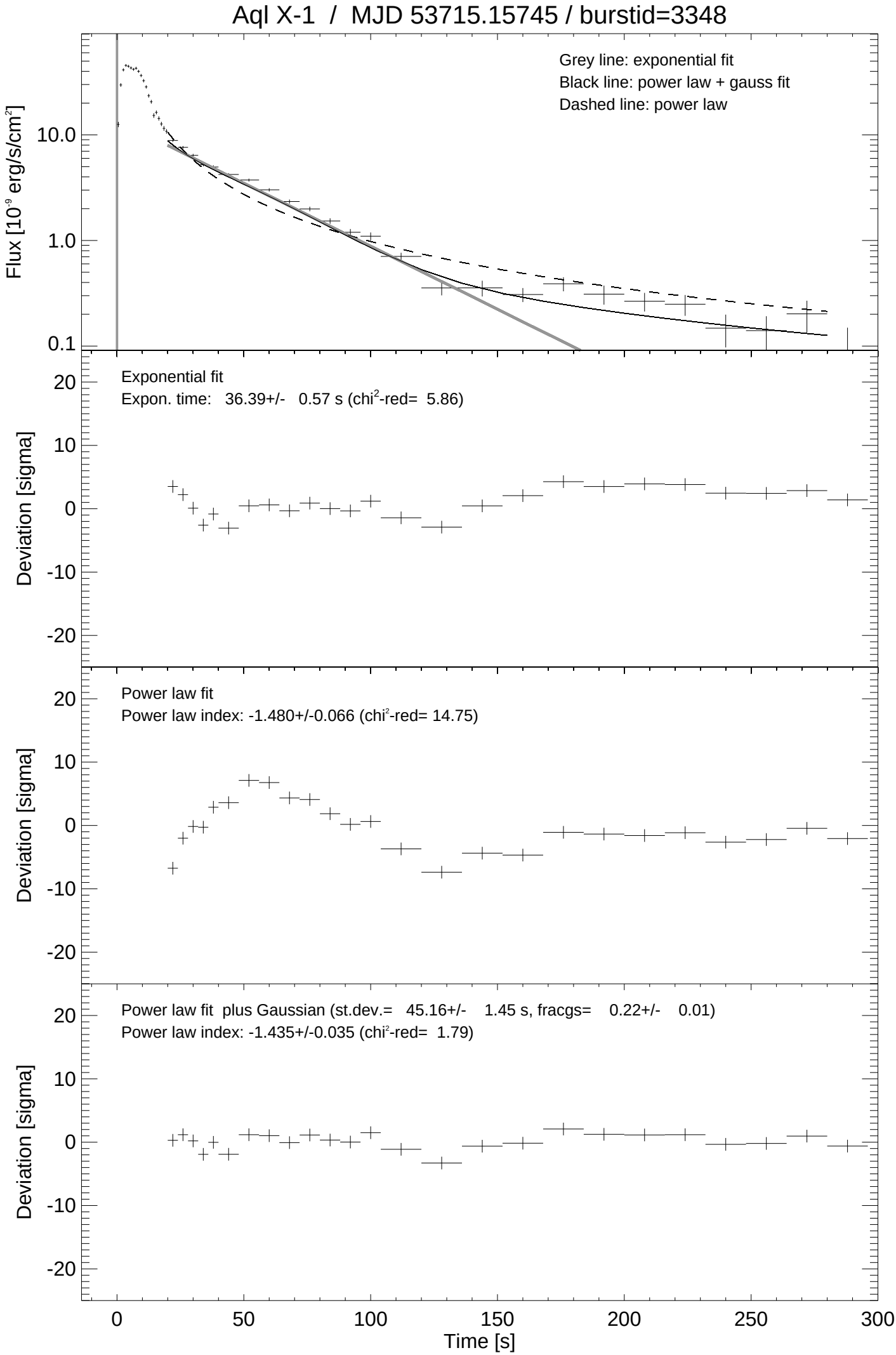
Aql X-1 / MJD 53715.15745 / burstid=3348
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 36.39+/- 0.57 s (chi^2-red= 5.86)
Power law fit
Power law index: -1.480+/-0.066 (chi^2-red= 14.75)
Power law fit plus Gaussian (st.dev.= 45.16+/- 1.45 s, fracgs= 0.22+/- 0.01)
Power law index: -1.435+/-0.035 (chi^2-red= 1.79)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]