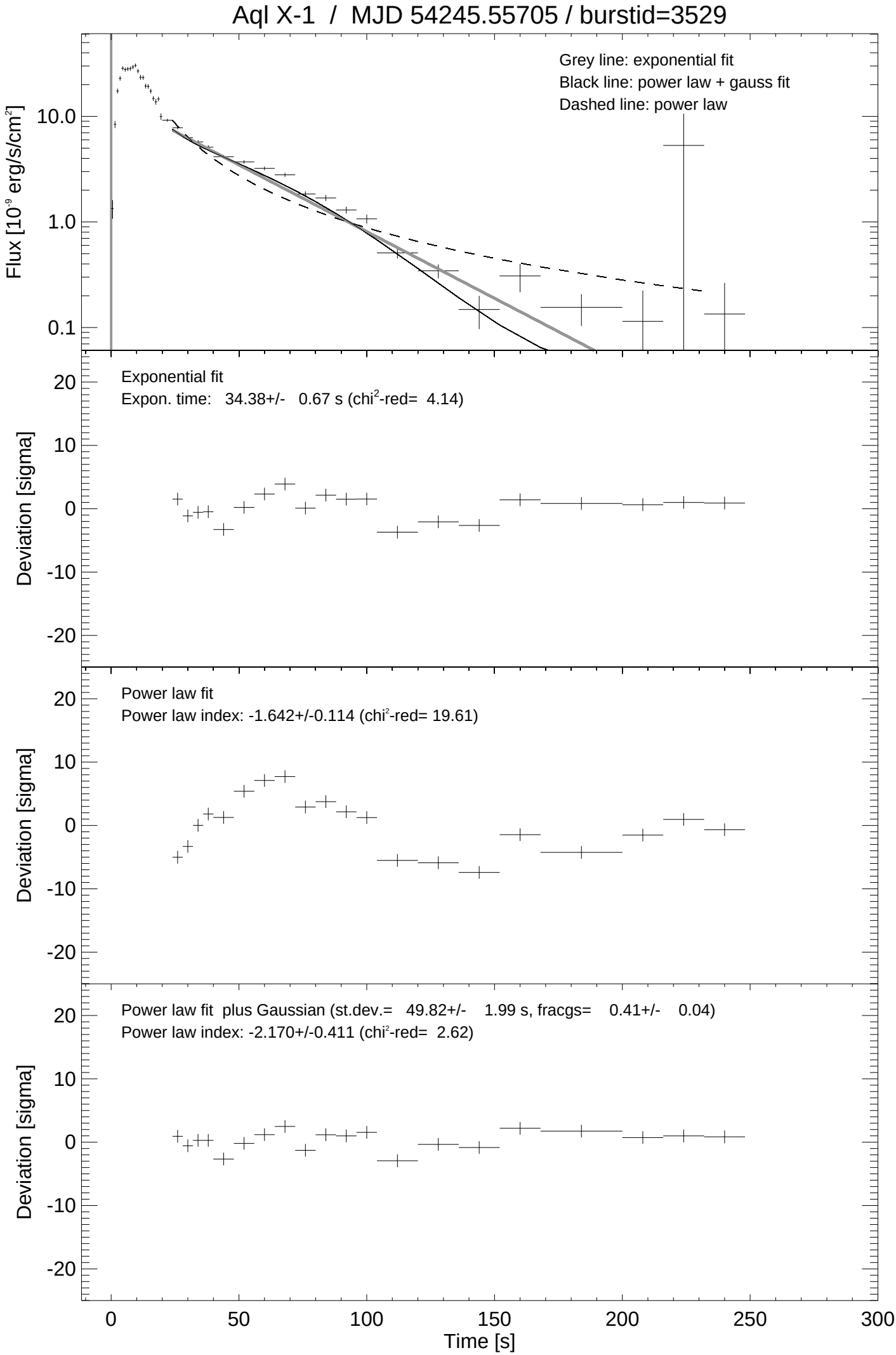
Aql X-1 / MJD 54245.55705 / burstid=3529
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 34.38+/- 0.67 s (chi^2-red= 4.14)
Power law fit
Power law index: -1.642+/-0.114 (chi^2-red= 19.61)
Power law fit plus Gaussian (st.dev.= 49.82+/- 1.99 s, fracgs= 0.41+/- 0.04)
Power law index: -2.170+/-0.411 (chi^2-red= 2.62)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]