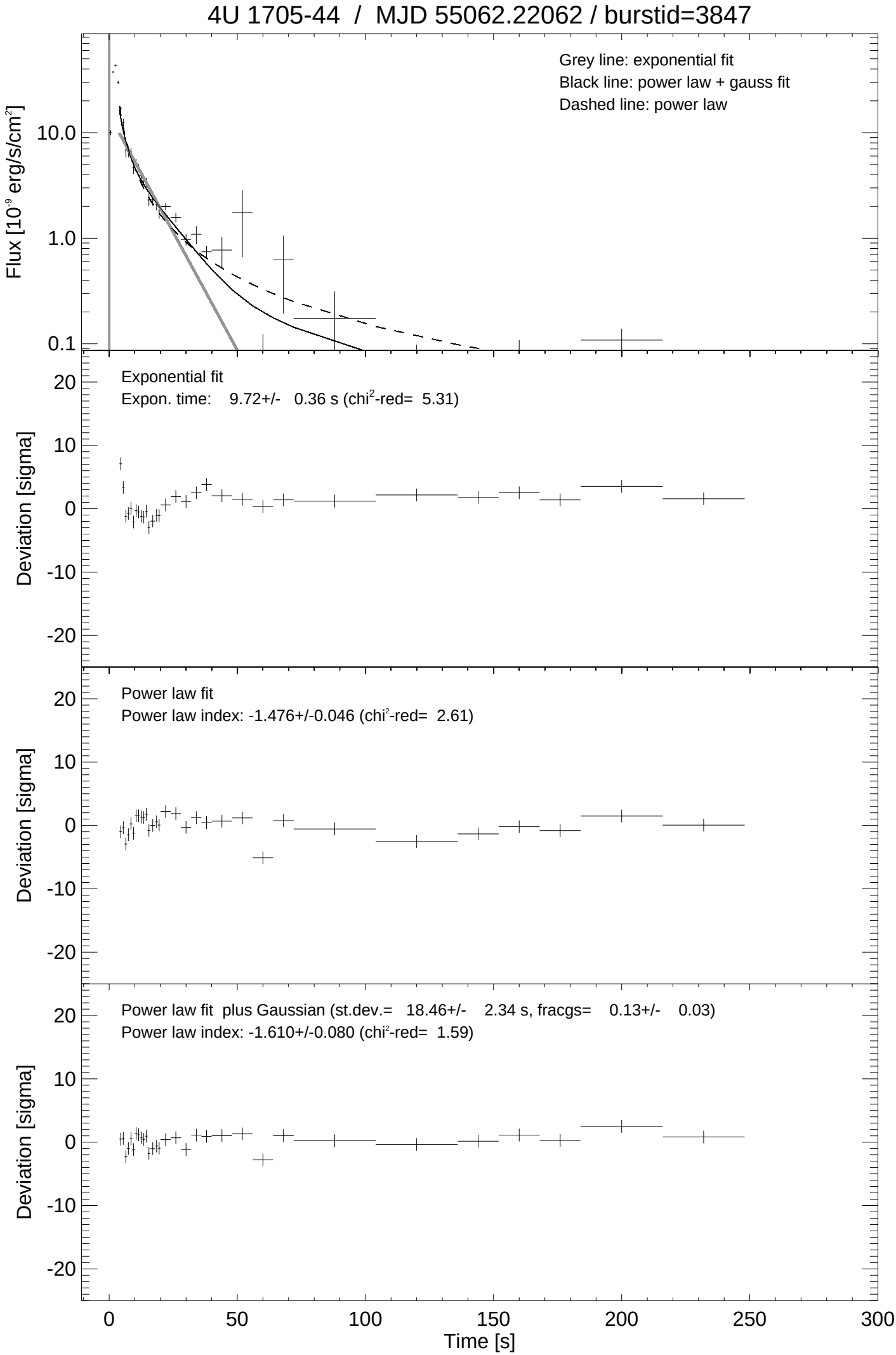
4U 1705-44 / MJD 55062.22062 / burstid=3847
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 9.72+/- 0.36 s (chi^2-red= 5.31)
Power law fit
Power law index: -1.476+/-0.046 (chi^2-red= 2.61)
Power law fit plus Gaussian (st.dev.= 18.46+/- 2.34 s, fracgs= 0.13+/- 0.03)
Power law index: -1.610+/-0.080 (chi^2-red= 1.59)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]