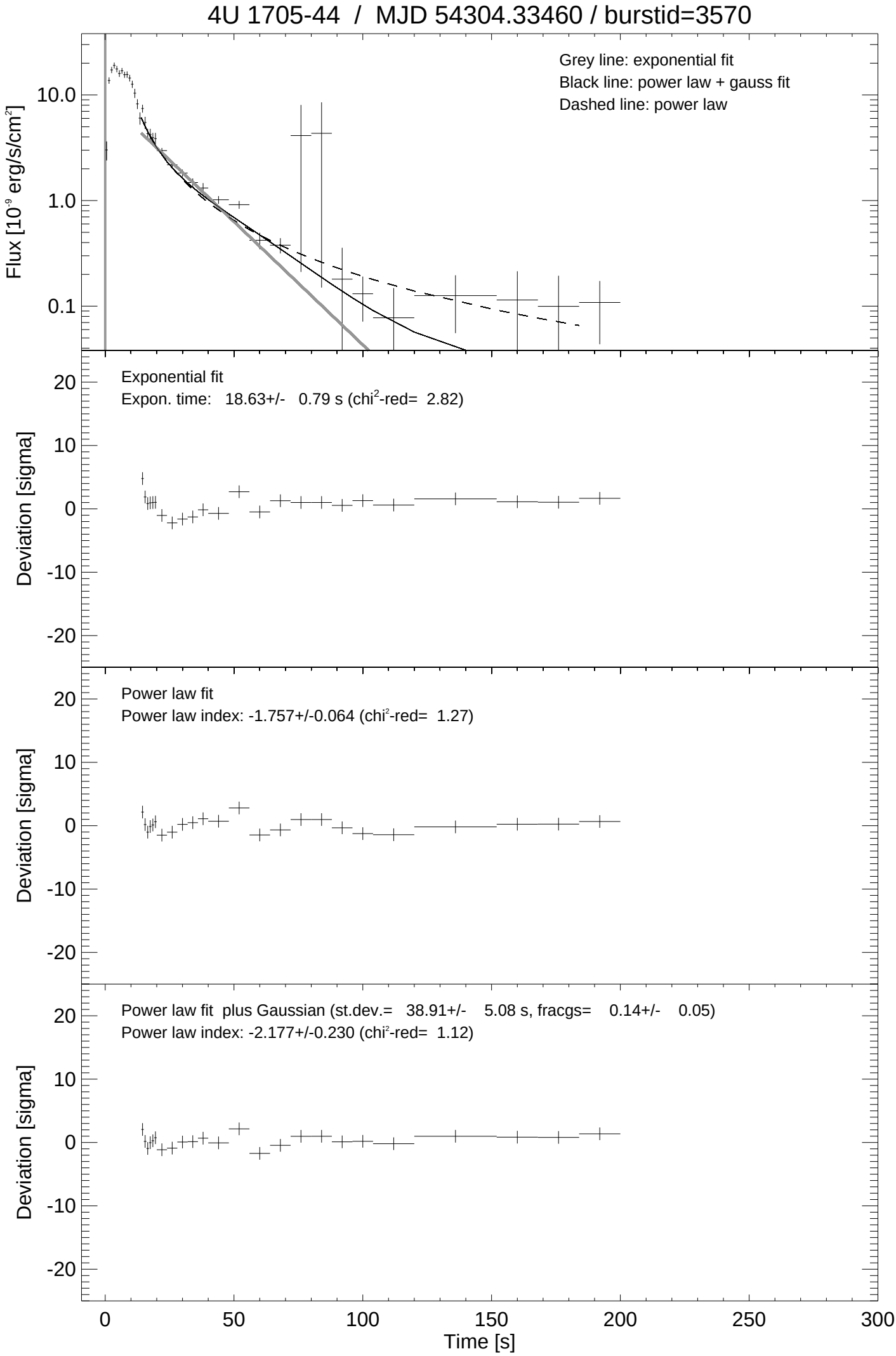
4U 1705-44 / MJD 54304.33460 / burstid=3570
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 18.63+/- 0.79 s (chi^2-red= 2.82)
Power law fit
Power law index: -1.757+/-0.064 (chi^2-red= 1.27)
Power law fit plus Gaussian (st.dev.= 38.91+/- 5.08 s, fracgs= 0.14+/- 0.05)
Power law index: -2.177+/-0.230 (chi^2-red= 1.12)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]