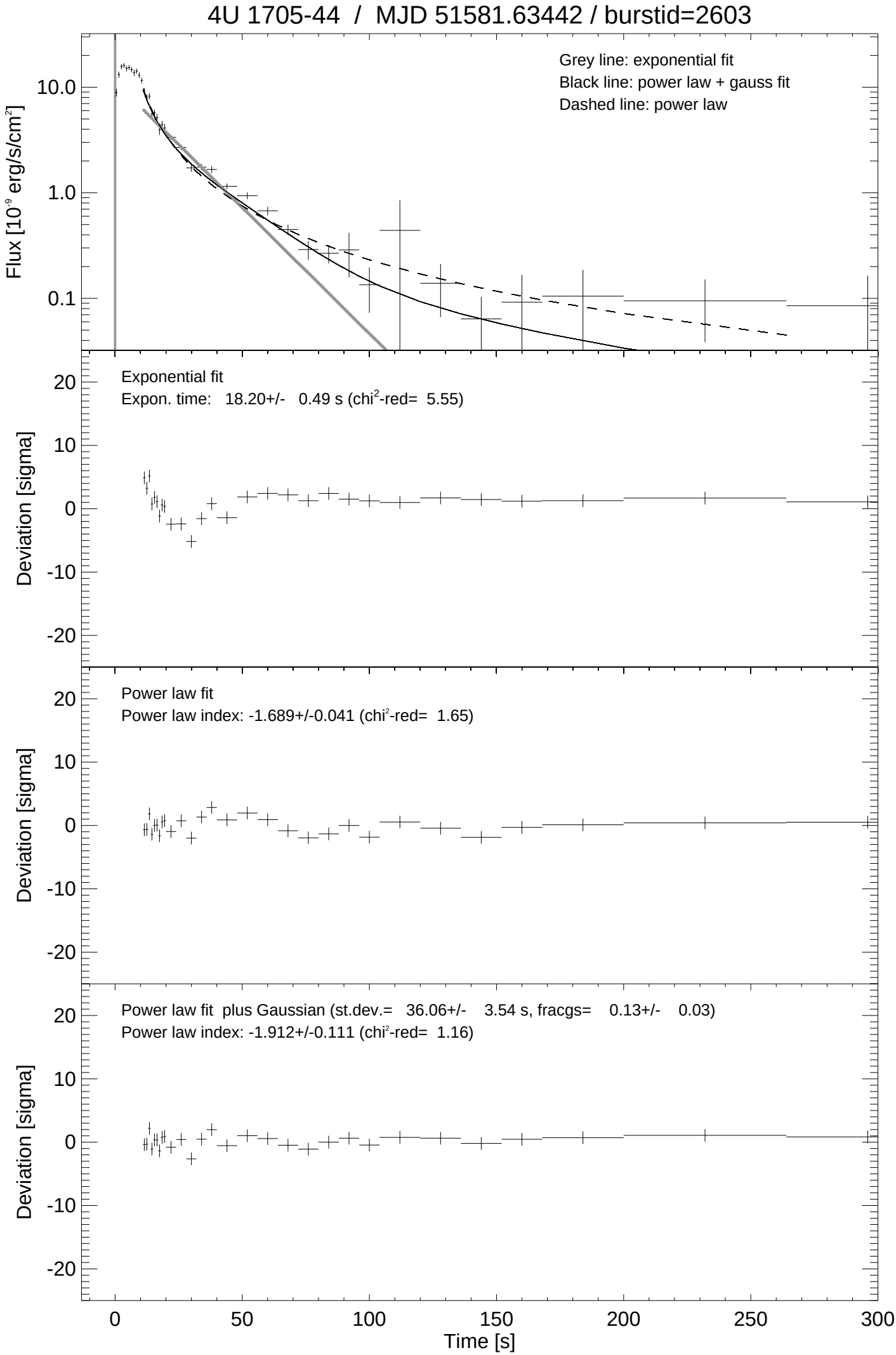
4U 1705-44 / MJD 51581.63442 / burstid=2603
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 18.20+/- 0.49 s (chi^2-red= 5.55)
Power law fit
Power law index: -1.689+/-0.041 (chi^2-red= 1.65)
Power law fit plus Gaussian (st.dev.= 36.06+/- 3.54 s, fracgs= 0.13+/- 0.03)
Power law index: -1.912+/-0.111 (chi^2-red= 1.16)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]