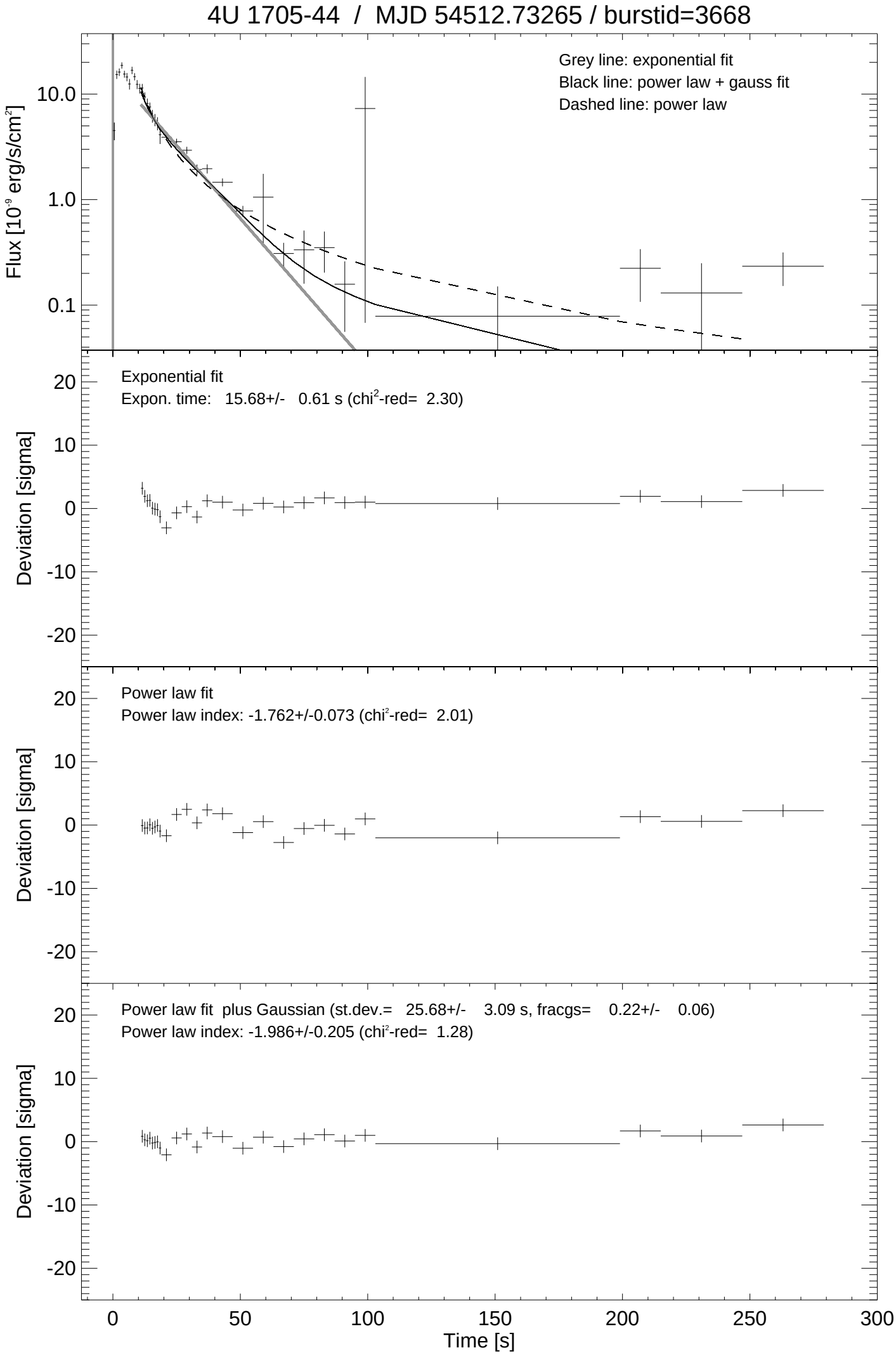
4U 1705-44 / MJD 54512.73265 / burstid=3668
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 15.68+/- 0.61 s (chi^2-red= 2.30)
Power law fit
Power law index: -1.762+/-0.073 (chi^2-red= 2.01)
Power law fit plus Gaussian (st.dev.= 25.68+/- 3.09 s, fracgs= 0.22+/- 0.06)
Power law index: -1.986+/-0.205 (chi^2-red= 1.28)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]