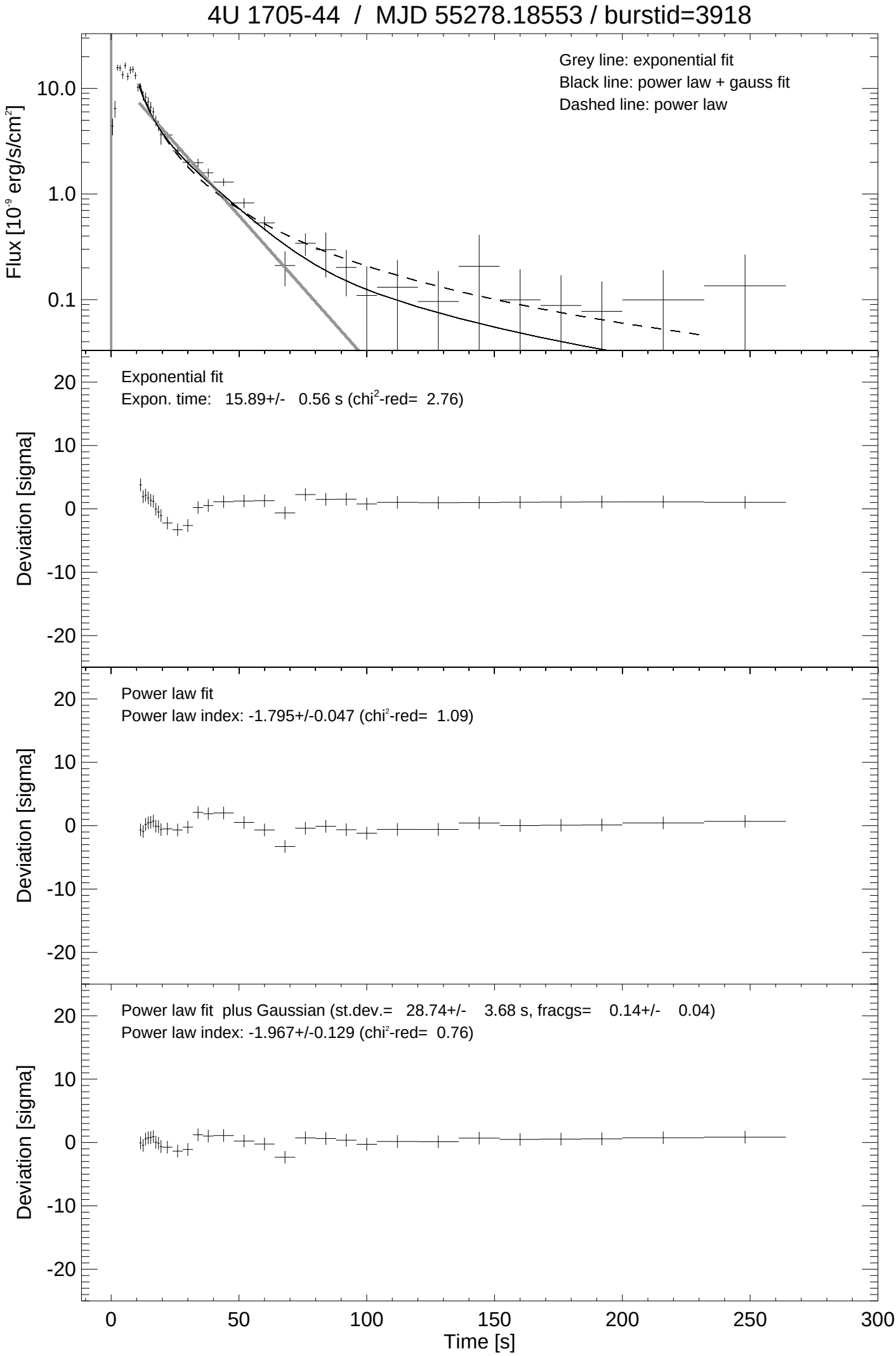
4U 1705-44 / MJD 55278.18553 / burstid=3918
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 15.89+/- 0.56 s (chi^2-red= 2.76)
Power law fit
Power law index: -1.795+/-0.047 (chi^2-red= 1.09)
Power law fit plus Gaussian (st.dev.= 28.74+/- 3.68 s, fracgs= 0.14+/- 0.04)
Power law index: -1.967+/-0.129 (chi^2-red= 0.76)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]