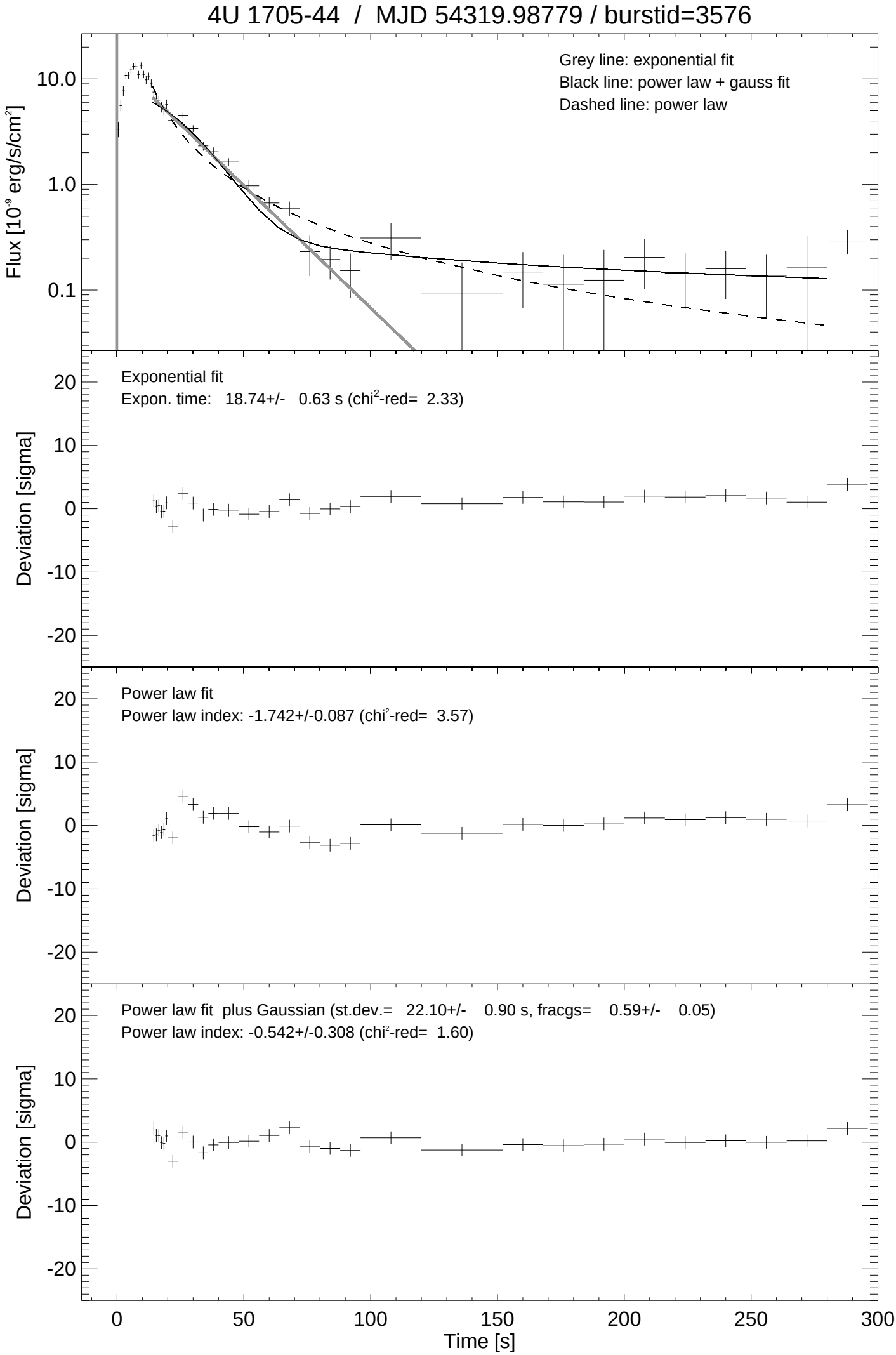
4U 1705-44 / MJD 54319.98779 / burstid=3576
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 18.74+/- 0.63 s (chi^2-red= 2.33)
Power law fit
Power law index: -1.742+/-0.087 (chi^2-red= 3.57)
Power law fit plus Gaussian (st.dev.= 22.10+/- 0.90 s, fracgs= 0.59+/- 0.05)
Power law index: -0.542+/-0.308 (chi^2-red= 1.60)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]