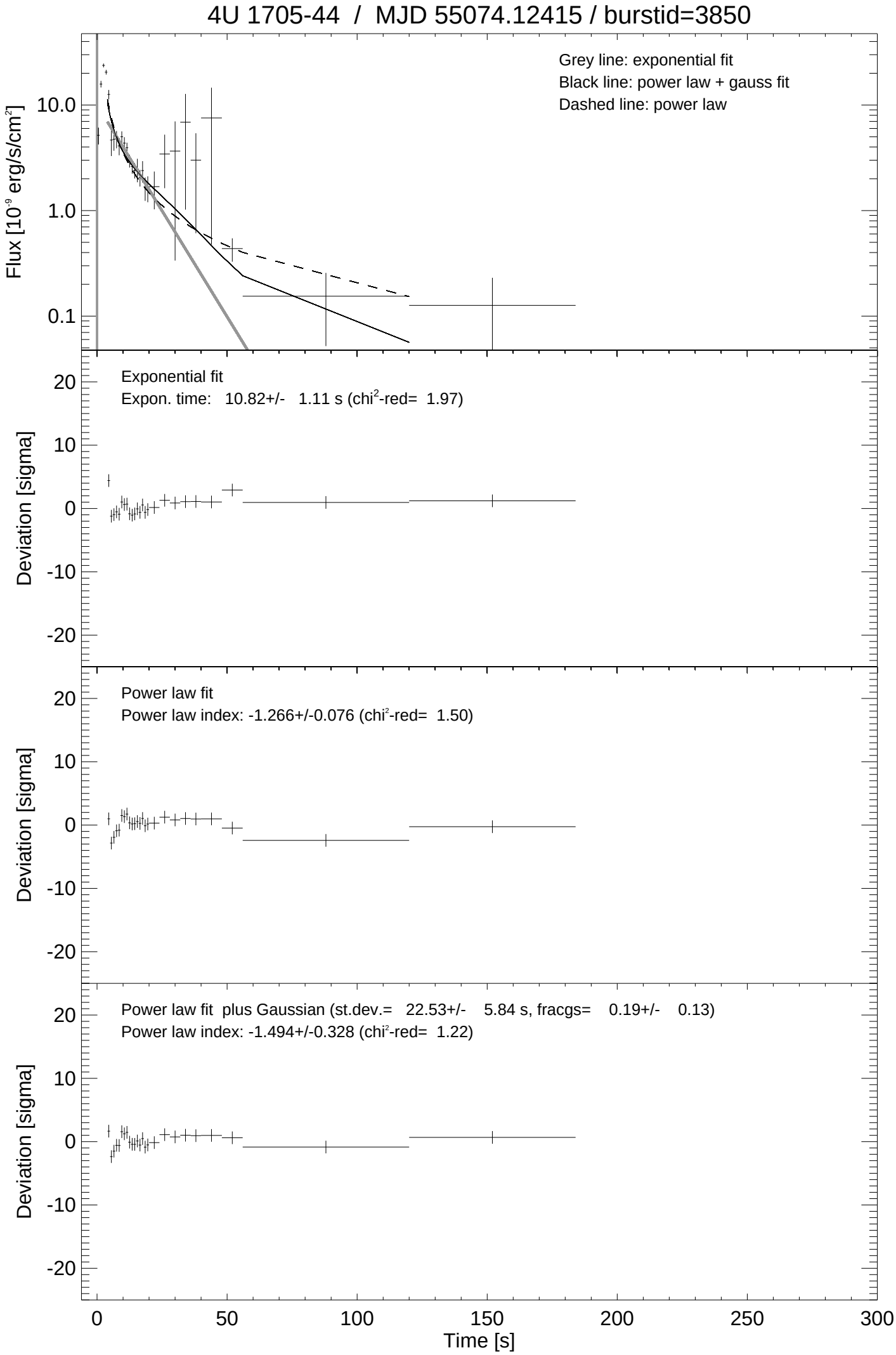
4U 1705-44 / MJD 55074.12415 / burstid=3850
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 10.82+/- 1.11 s (chi^2-red= 1.97)
Power law fit
Power law index: -1.266+/-0.076 (chi^2-red= 1.50)
Power law fit plus Gaussian (st.dev.= 22.53+/- 5.84 s, fracgs= 0.19+/- 0.13)
Power law index: -1.494+/-0.328 (chi^2-red= 1.22)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]