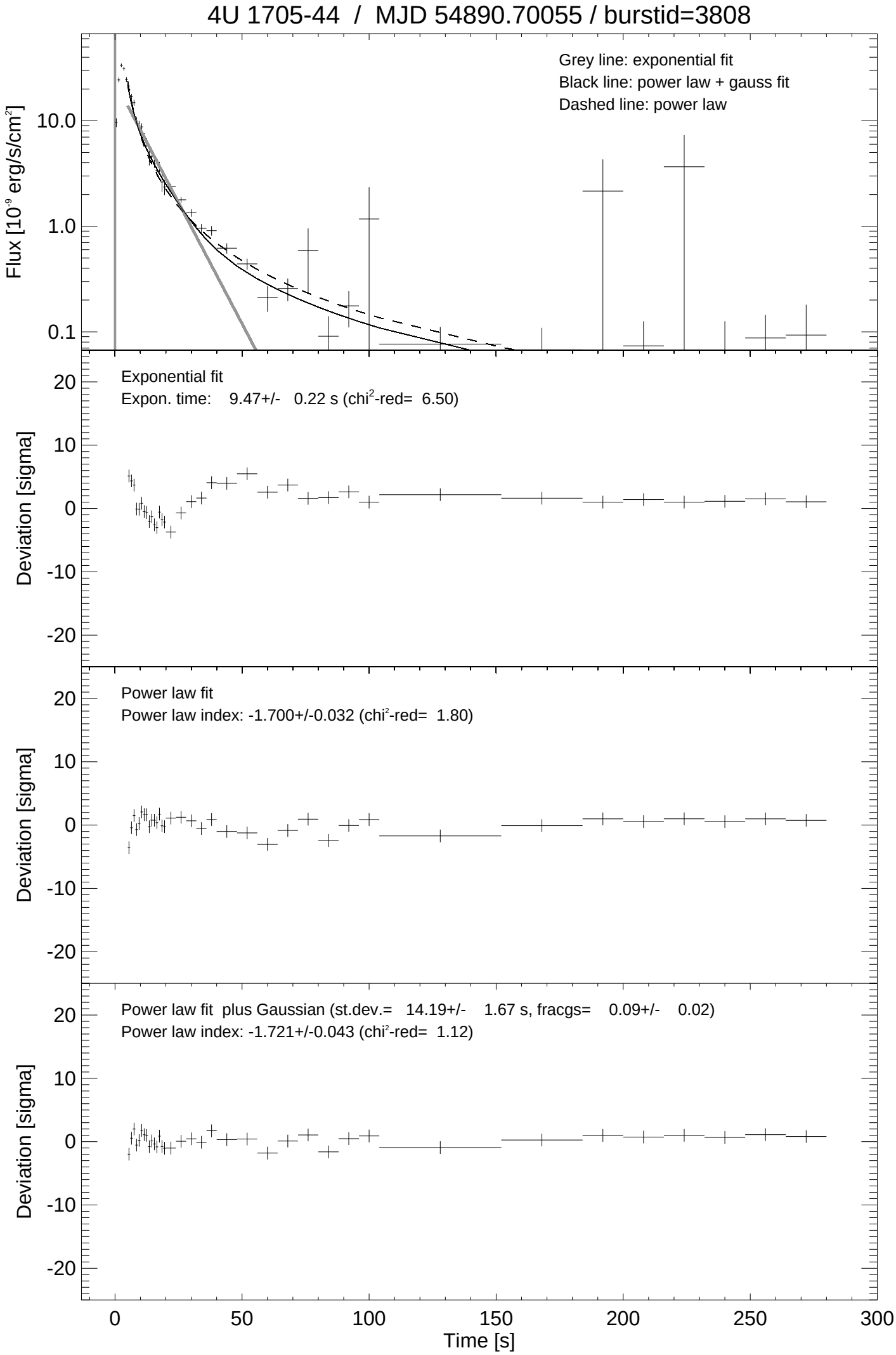
4U 1705-44 / MJD 54890.70055 / burstid=3808
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 9.47+/- 0.22 s (chi^2-red= 6.50)
Power law fit
Power law index: -1.700+/-0.032 (chi^2-red= 1.80)
Power law fit plus Gaussian (st.dev.= 14.19+/- 1.67 s, fracgs= 0.09+/- 0.02)
Power law index: -1.721+/-0.043 (chi^2-red= 1.12)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]