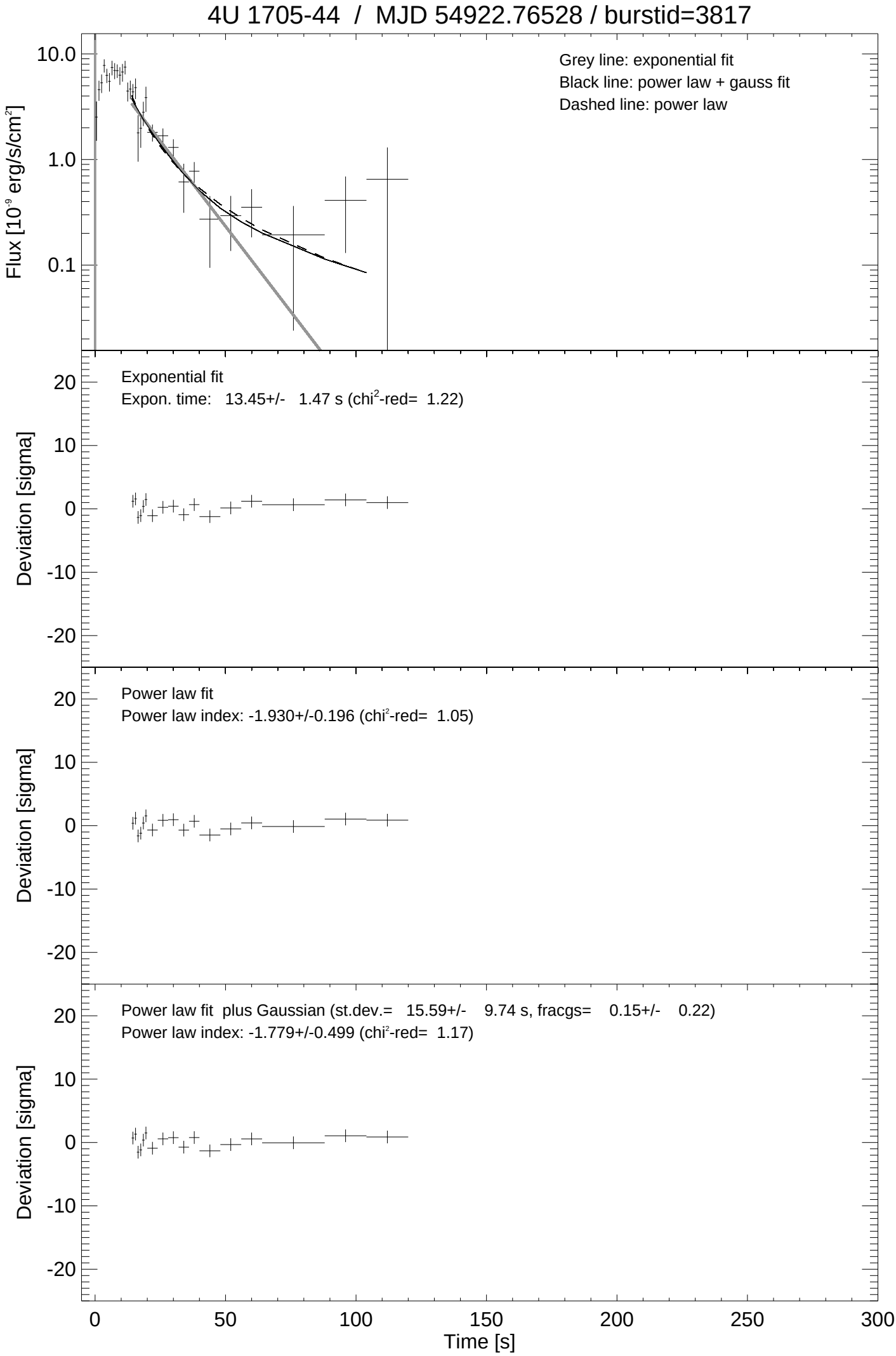
4U 1705-44 / MJD 54922.76528 / burstid=3817
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 13.45+/- 1.47 s (chi^2-red= 1.22)
Power law fit
Power law index: -1.930+/-0.196 (chi^2-red= 1.05)
Power law fit plus Gaussian (st.dev.= 15.59+/- 9.74 s, fracgs= 0.15+/- 0.22)
Power law index: -1.779+/-0.499 (chi^2-red= 1.17)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]