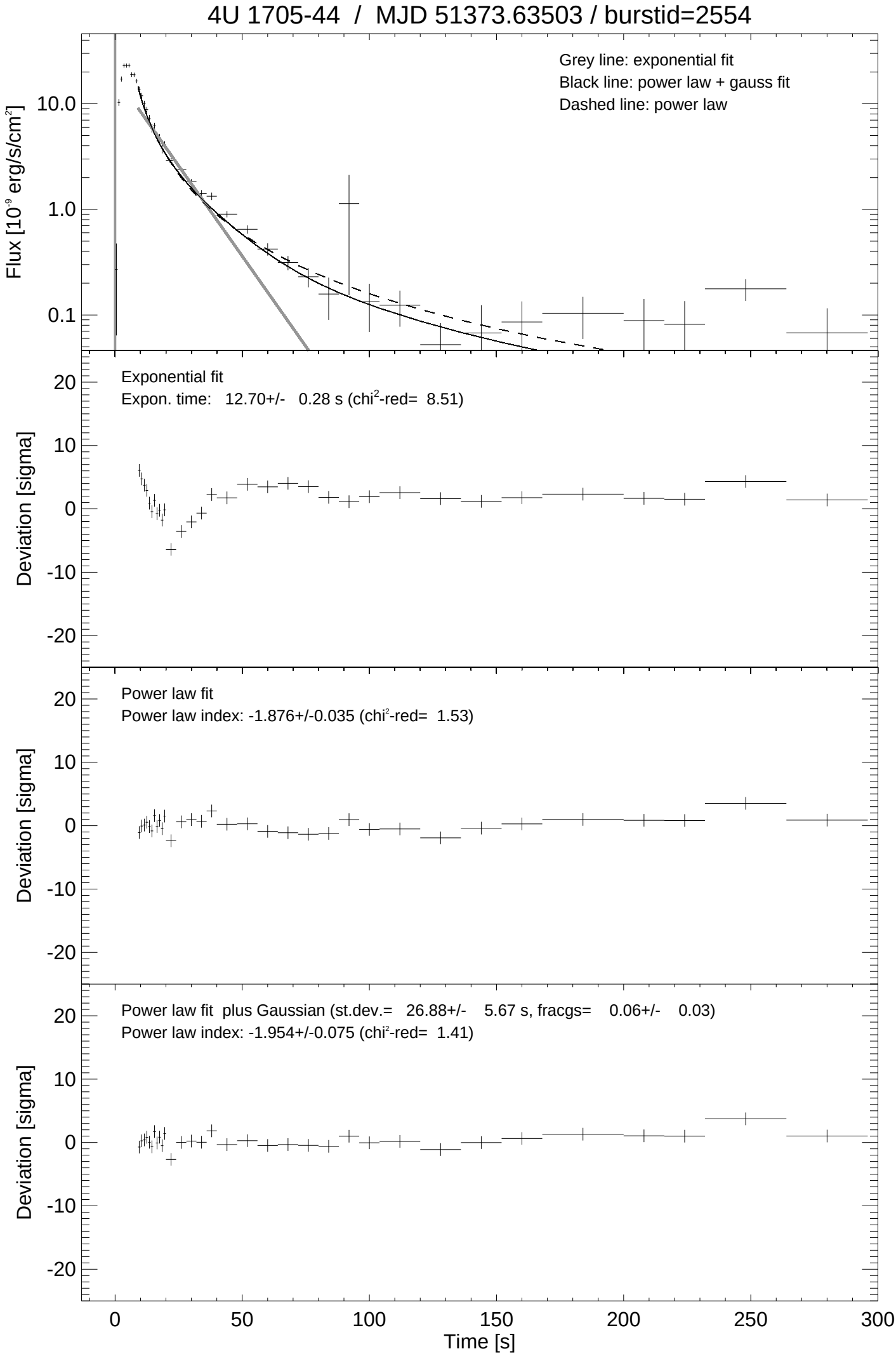
4U 1705-44 / MJD 51373.63503 / burstid=2554
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 12.70+/- 0.28 s (chi^2-red= 8.51)
Power law fit
Power law index: -1.876+/-0.035 (chi^2-red= 1.53)
Power law fit plus Gaussian (st.dev.= 26.88+/- 5.67 s, fracgs= 0.06+/- 0.03)
Power law index: -1.954+/-0.075 (chi^2-red= 1.41)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]