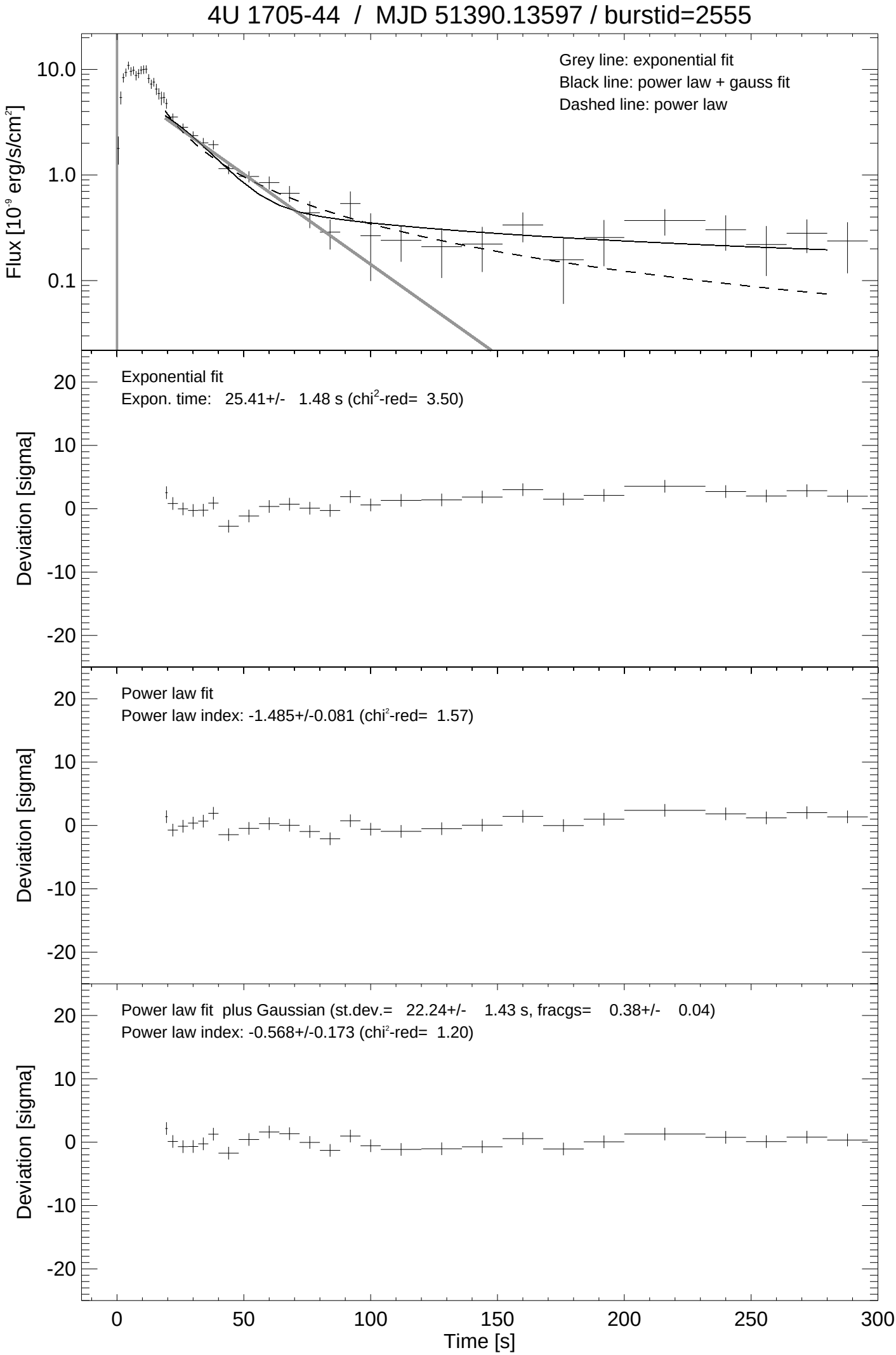
4U 1705-44 / MJD 51390.13597 / burstid=2555
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 25.41+/- 1.48 s (chi^2-red= 3.50)
Power law fit
Power law index: -1.485+/-0.081 (chi^2-red= 1.57)
Power law fit plus Gaussian (st.dev.= 22.24+/- 1.43 s, fracgs= 0.38+/- 0.04)
Power law index: -0.568+/-0.173 (chi^2-red= 1.20)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]