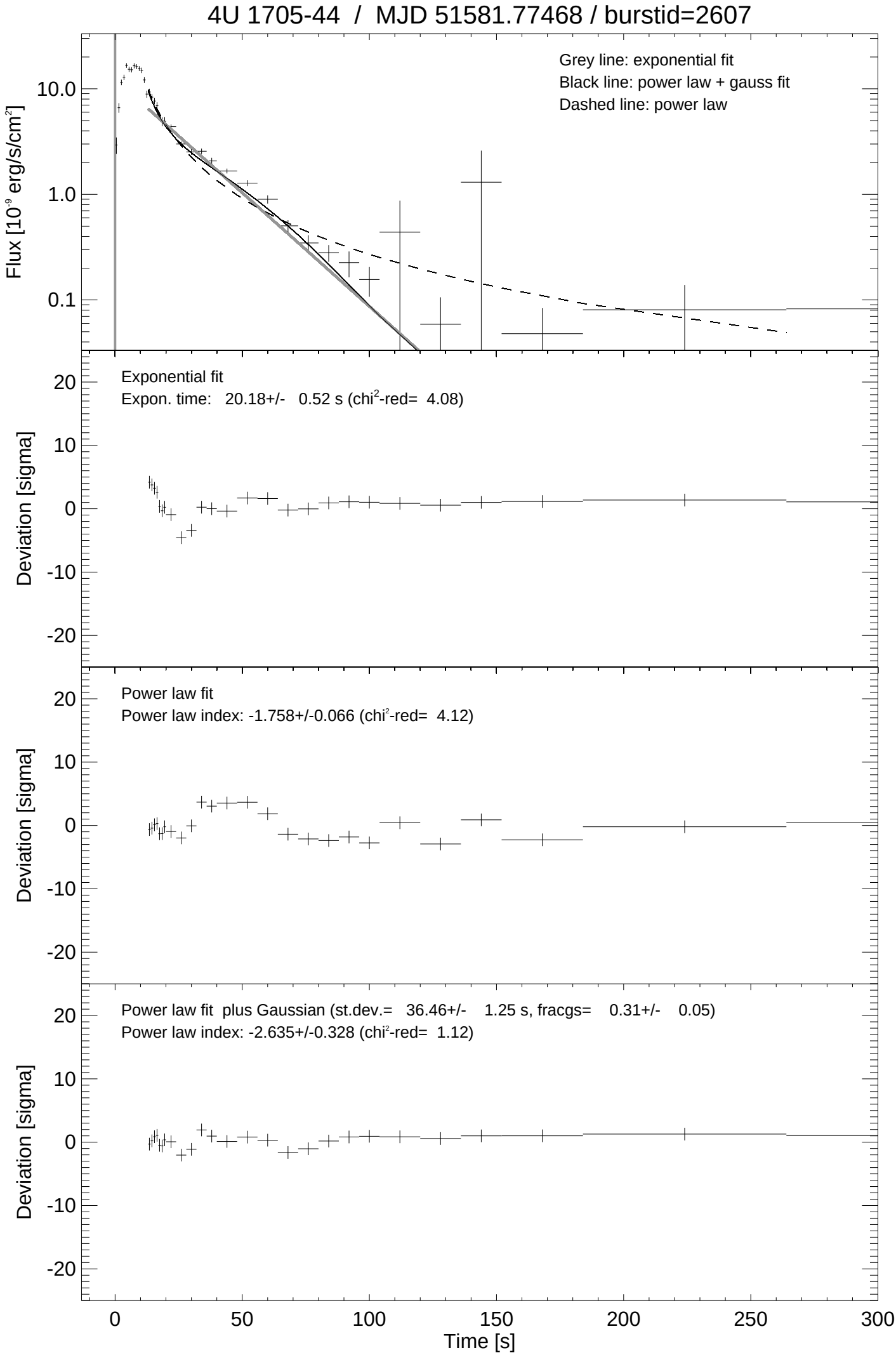
4U 1705-44 / MJD 51581.77468 / burstid=2607
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 20.18+/- 0.52 s (chi^2-red= 4.08)
Power law fit
Power law index: -1.758+/-0.066 (chi^2-red= 4.12)
Power law fit plus Gaussian (st.dev.= 36.46+/- 1.25 s, fracgs= 0.31+/- 0.05)
Power law index: -2.635+/-0.328 (chi^2-red= 1.12)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]