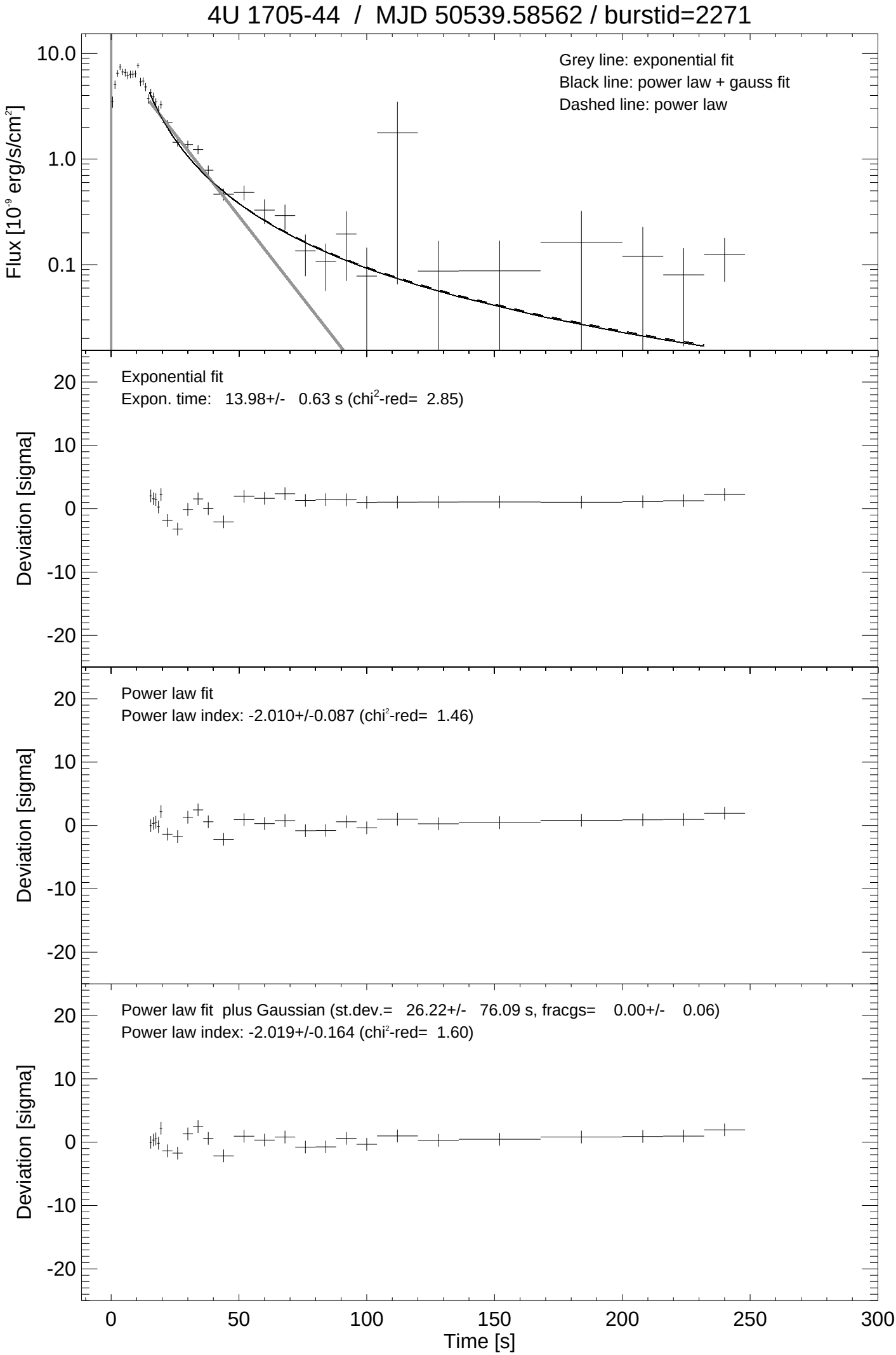
4U 1705-44 / MJD 50539.58562 / burstid=2271
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 13.98+/- 0.63 s (chi^2-red= 2.85)
Power law fit
Power law index: -2.010+/-0.087 (chi^2-red= 1.46)
Power law fit plus Gaussian (st.dev.= 26.22+/- 76.09 s, fracgs= 0.00+/- 0.06)
Power law index: -2.019+/-0.164 (chi^2-red= 1.60)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]