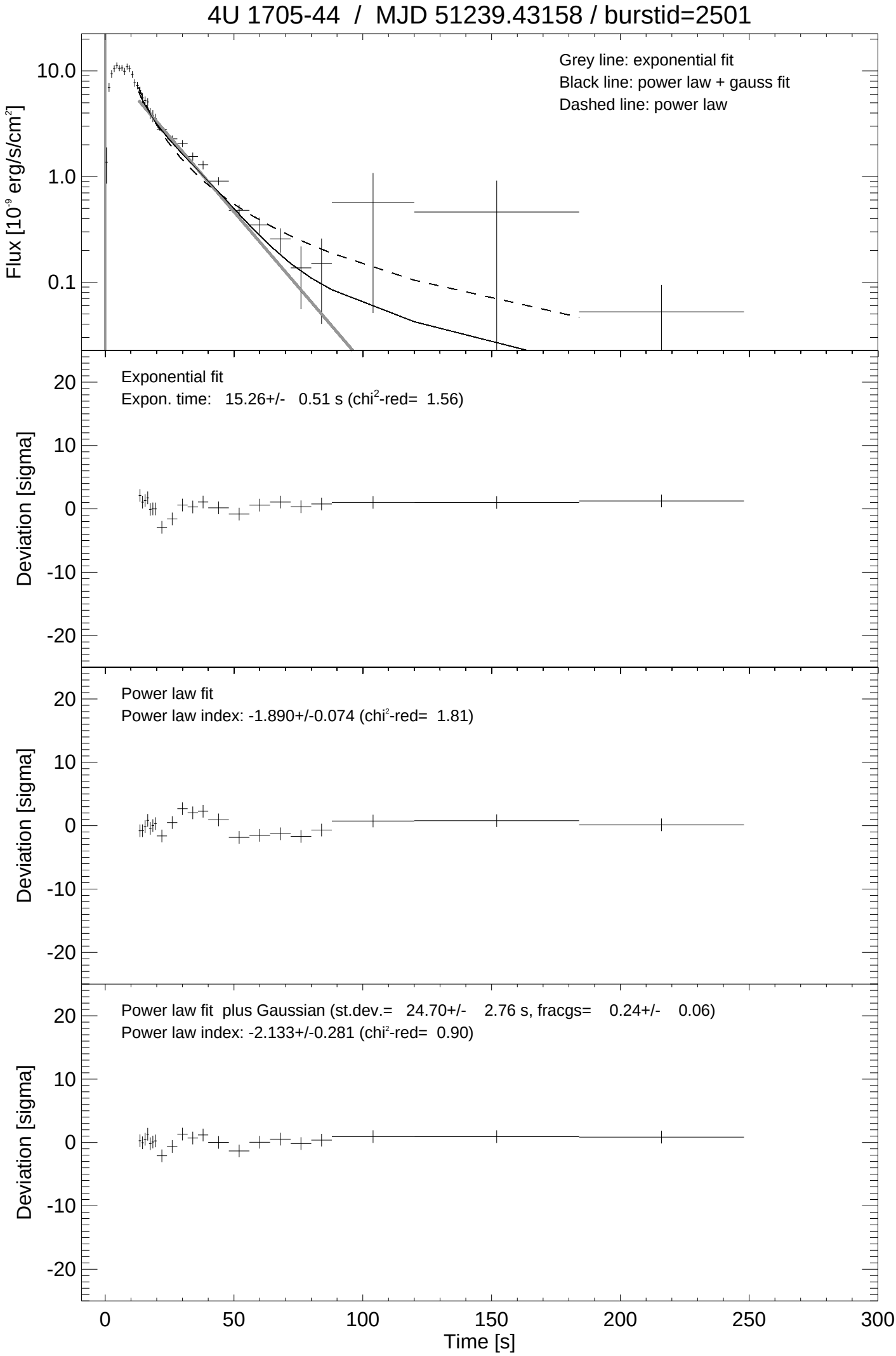
4U 1705-44 / MJD 51239.43158 / burstid=2501
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 15.26+/- 0.51 s (chi^2-red= 1.56)
Power law fit
Power law index: -1.890+/-0.074 (chi^2-red= 1.81)
Power law fit plus Gaussian (st.dev.= 24.70+/- 2.76 s, fracgs= 0.24+/- 0.06)
Power law index: -2.133+/-0.281 (chi^2-red= 0.90)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]