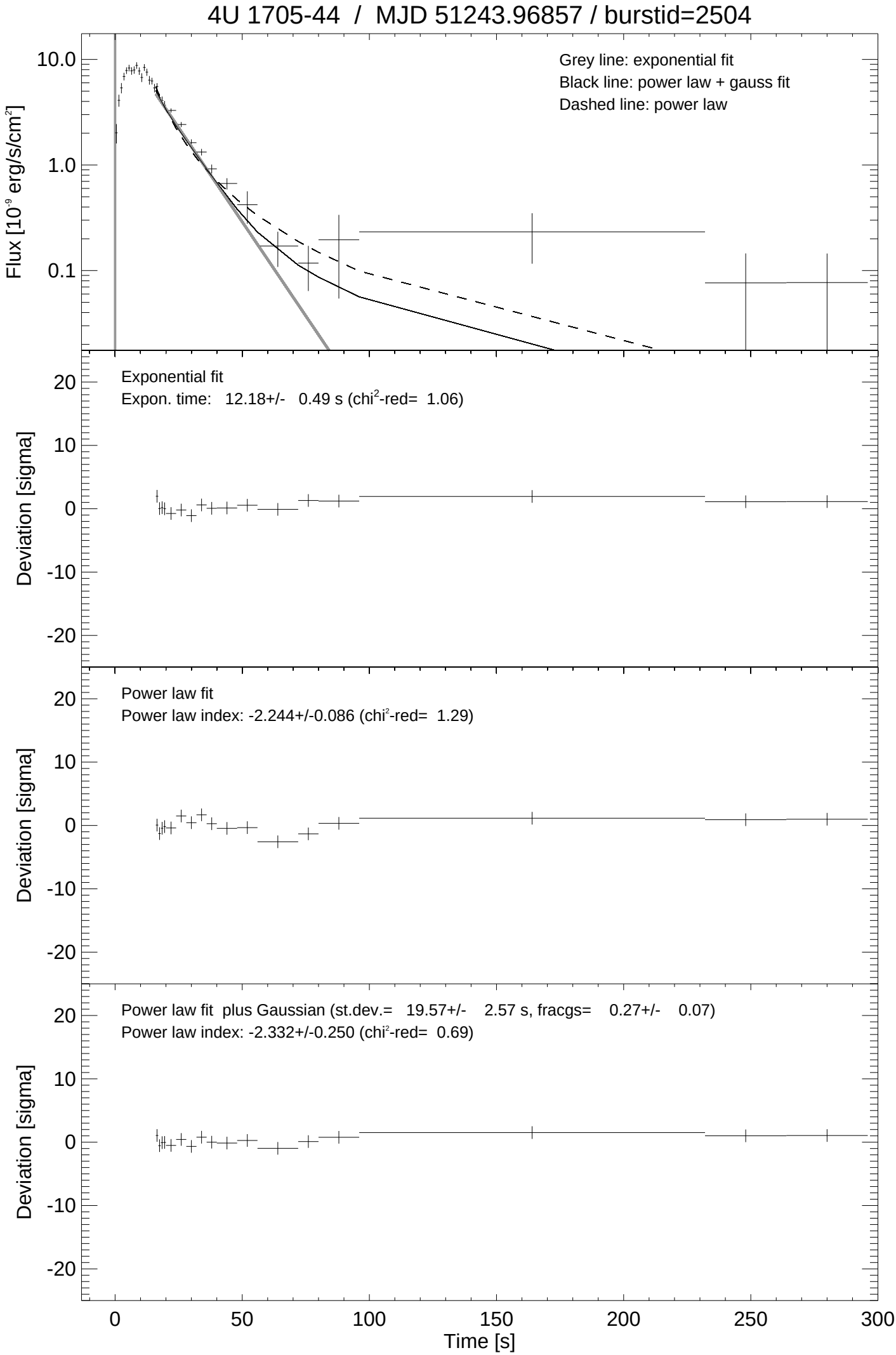
4U 1705-44 / MJD 51243.96857 / burstid=2504
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 12.18+/- 0.49 s (chi^2-red= 1.06)
Power law fit
Power law index: -2.244+/-0.086 (chi^2-red= 1.29)
Power law fit plus Gaussian (st.dev.= 19.57+/- 2.57 s, fracgs= 0.27+/- 0.07)
Power law index: -2.332+/-0.250 (chi^2-red= 0.69)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]