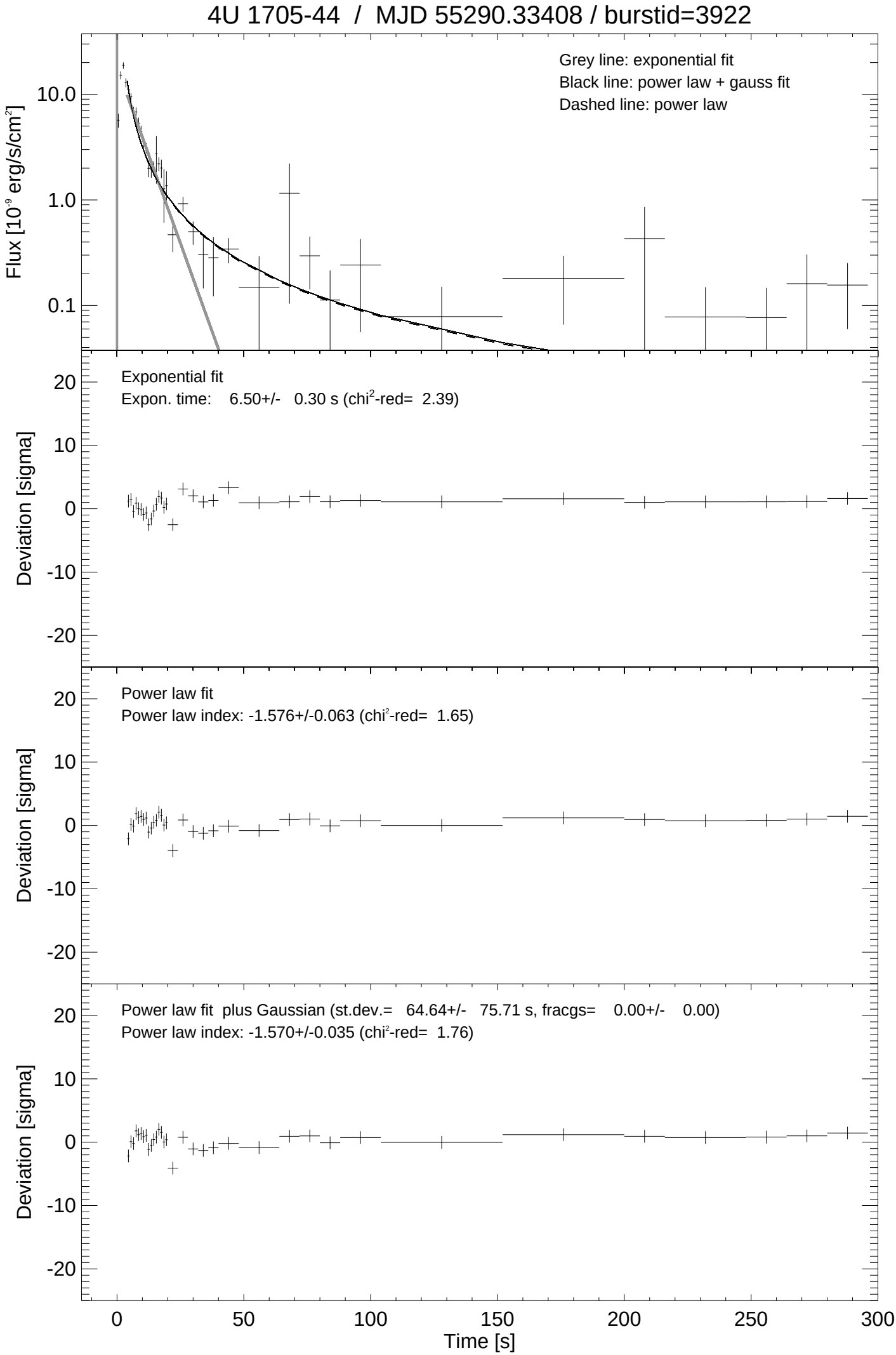
4U 1705-44 / MJD 55290.33408 / burstid=3922
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 6.50+/- 0.30 s (chi^2-red= 2.39)
Power law fit
Power law index: -1.576+/-0.063 (chi^2-red= 1.65)
Power law fit plus Gaussian (st.dev.= 64.64+/- 75.71 s, fracgs= 0.00+/- 0.00)
Power law index: -1.570+/-0.035 (chi^2-red= 1.76)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]