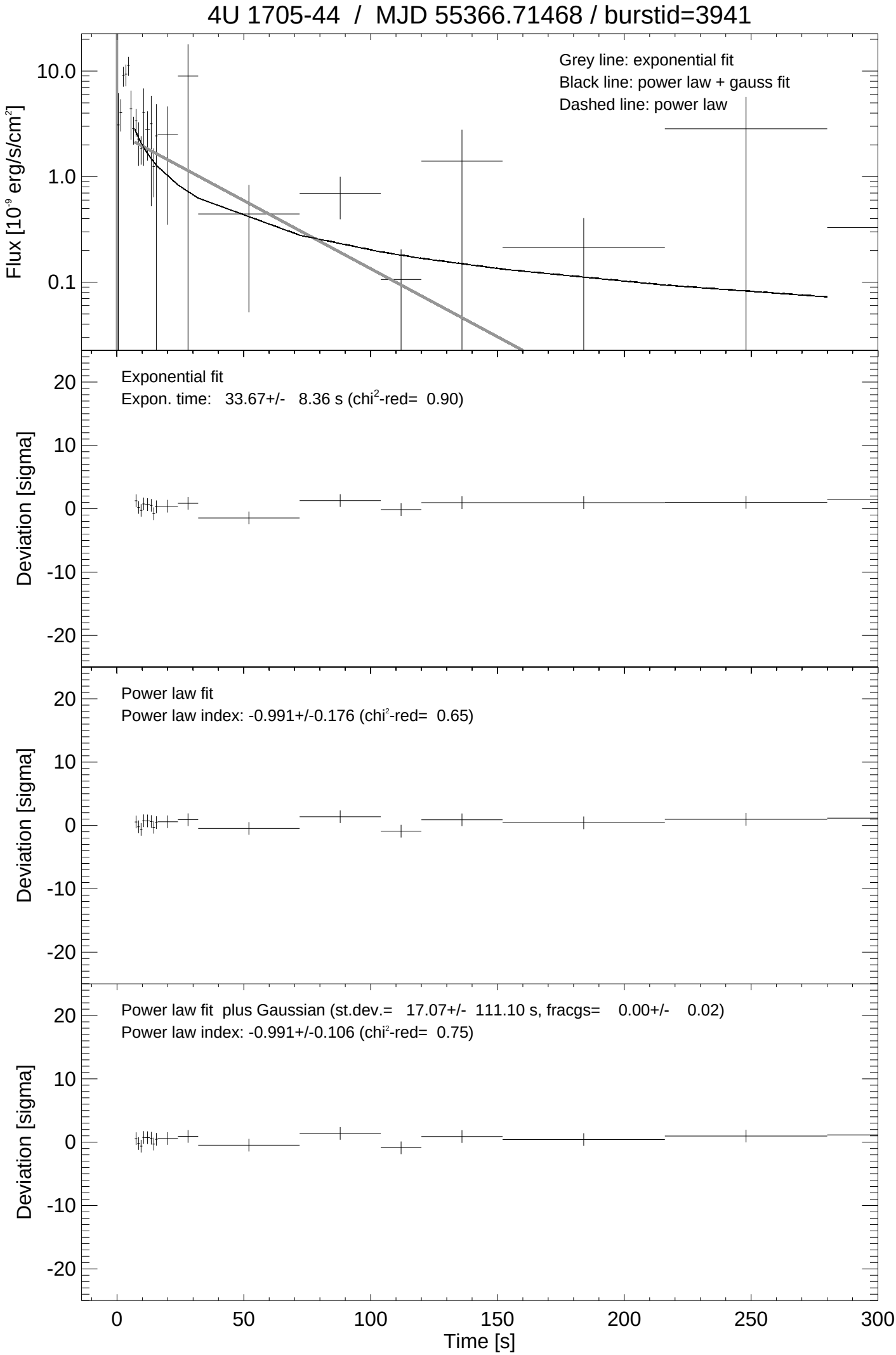
4U 1705-44 / MJD 55366.71468 / burstid=3941
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 33.67+/- 8.36 s (chi^2-red= 0.90)
Power law fit
Power law index: -0.991+/-0.176 (chi^2-red= 0.65)
Power law fit plus Gaussian (st.dev.= 17.07+/- 111.10 s, fracgs= 0.00+/- 0.02)
Power law index: -0.991+/-0.106 (chi^2-red= 0.75)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]