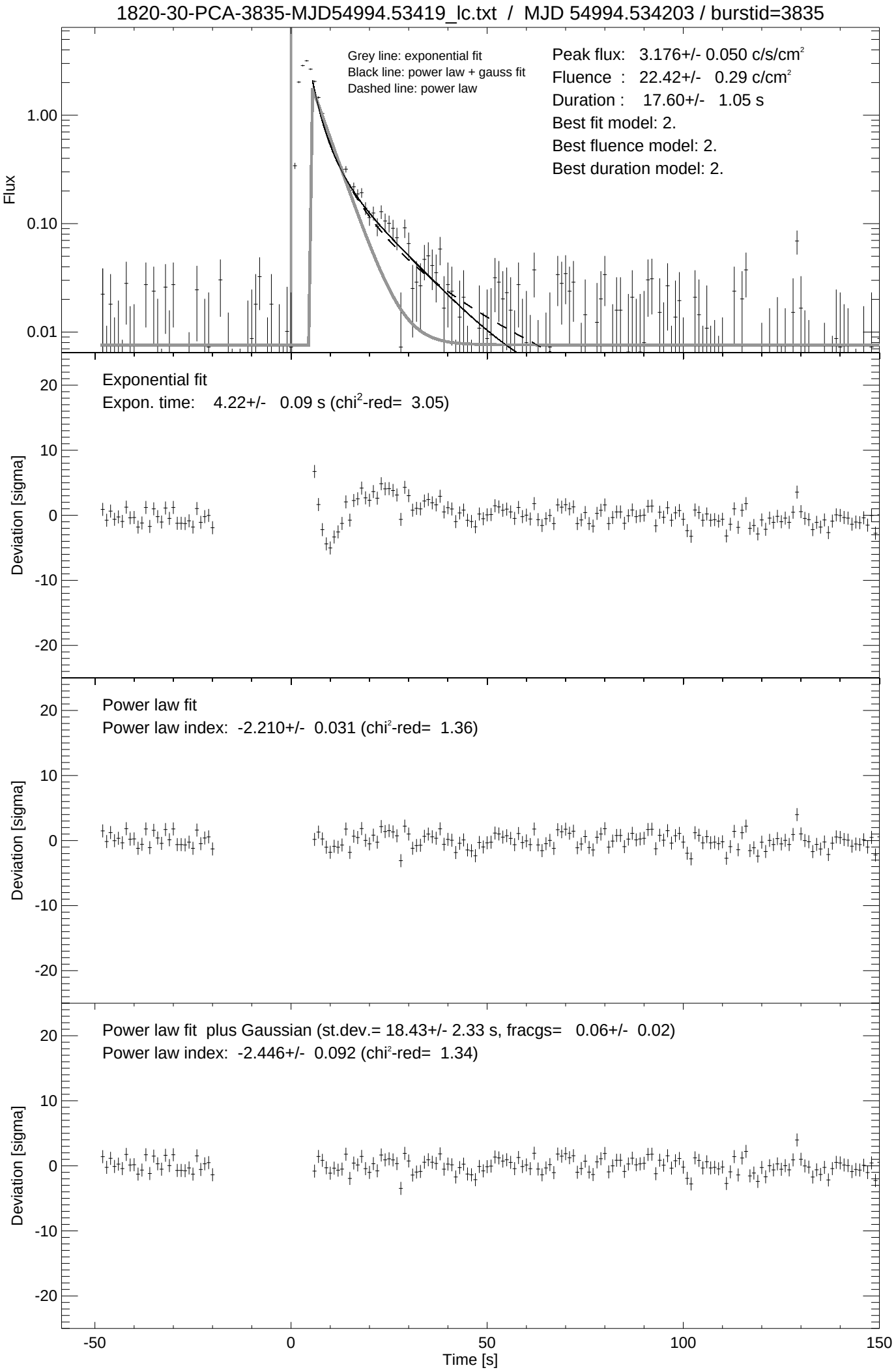
1820-30-PCA-3835-MJD54994.53419_lc.txt / MJD 54994.534203 / burstid=3835
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Peak flux: 3.176+/- 0.050 c/s/cm²
Fluence : 22.42+/- 0.29 c/cm²
Duration : 17.60+/- 1.05 s
Best fit model: 2.
Best fluence model: 2.
Best duration model: 2.
Flux
1.00
0.10
0.01
Exponential fit
Expon. time: 4.22+/- 0.09 s (chi²-red= 3.05)
Power law fit
Power law index: -2.210+/- 0.031 (chi²-red= 1.36)
Power law fit plus Gaussian (st.dev.= 18.43+/- 2.33 s, fracgs= 0.06+/- 0.02)
Power law index: -2.446+/- 0.092 (chi²-red= 1.34)
Deviation [sigma]
20
10
0
-10
-20
-50
0
50
100
150
Time [s]