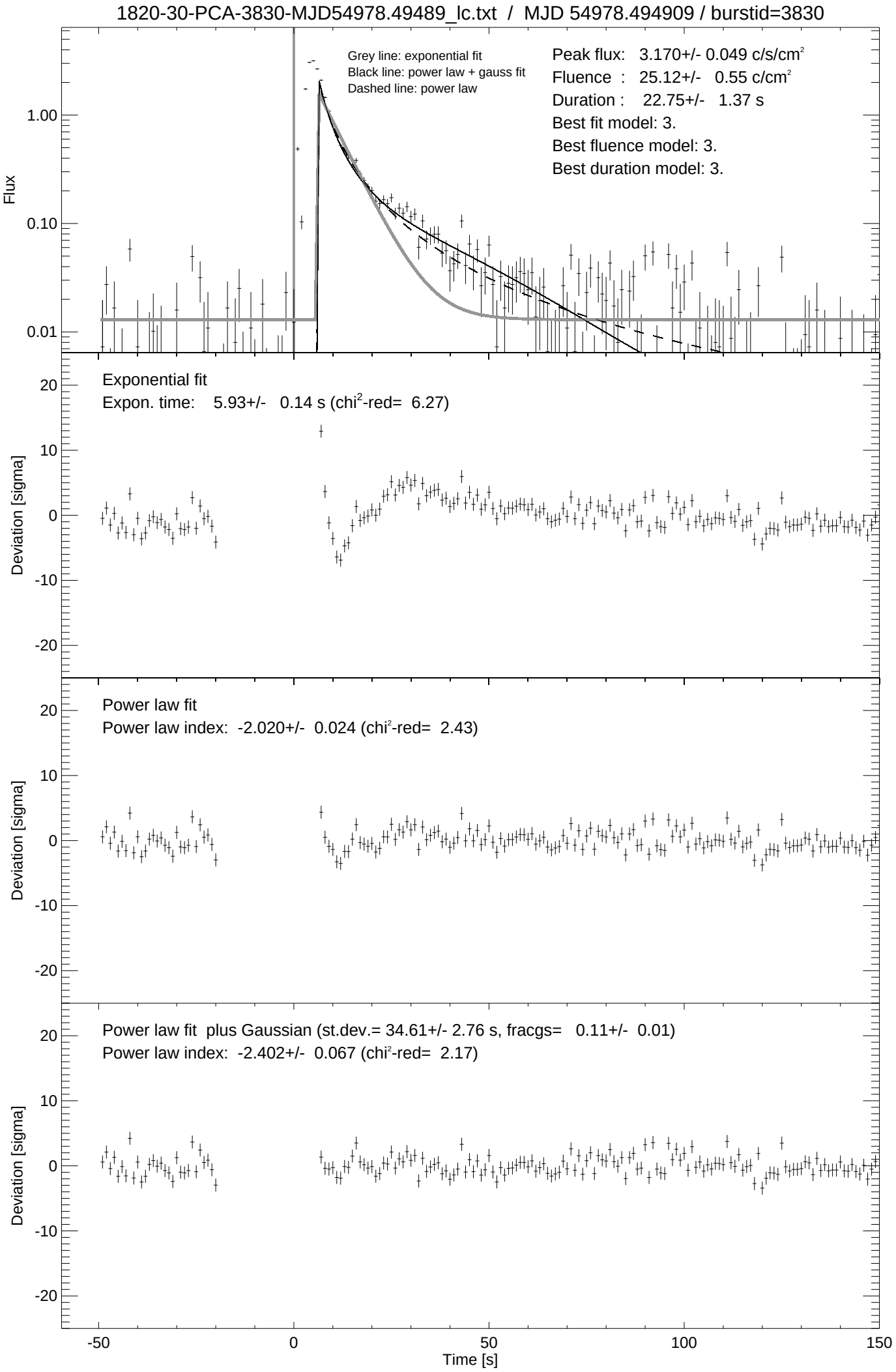
1820-30-PCA-3830-MJD54978.49489_lc.txt / MJD 54978.494909 / burstid=3830
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Peak flux: 3.170+/- 0.049 c/s/cm²
Fluence : 25.12+/- 0.55 c/cm²
Duration : 22.75+/- 1.37 s
Best fit model: 3.
Best fluence model: 3.
Best duration model: 3.
Flux
1.00
0.10
0.01
Exponential fit
Expon. time: 5.93+/- 0.14 s (chi²-red= 6.27)
Power law fit
Power law index: -2.020+/- 0.024 (chi²-red= 2.43)
Power law fit plus Gaussian (st.dev.= 34.61+/- 2.76 s, fracgs= 0.11+/- 0.01)
Power law index: -2.402+/- 0.067 (chi²-red= 2.17)
Deviation [sigma]
20
10
0
-10
-20
-50
0
50
100
150
Time [s]