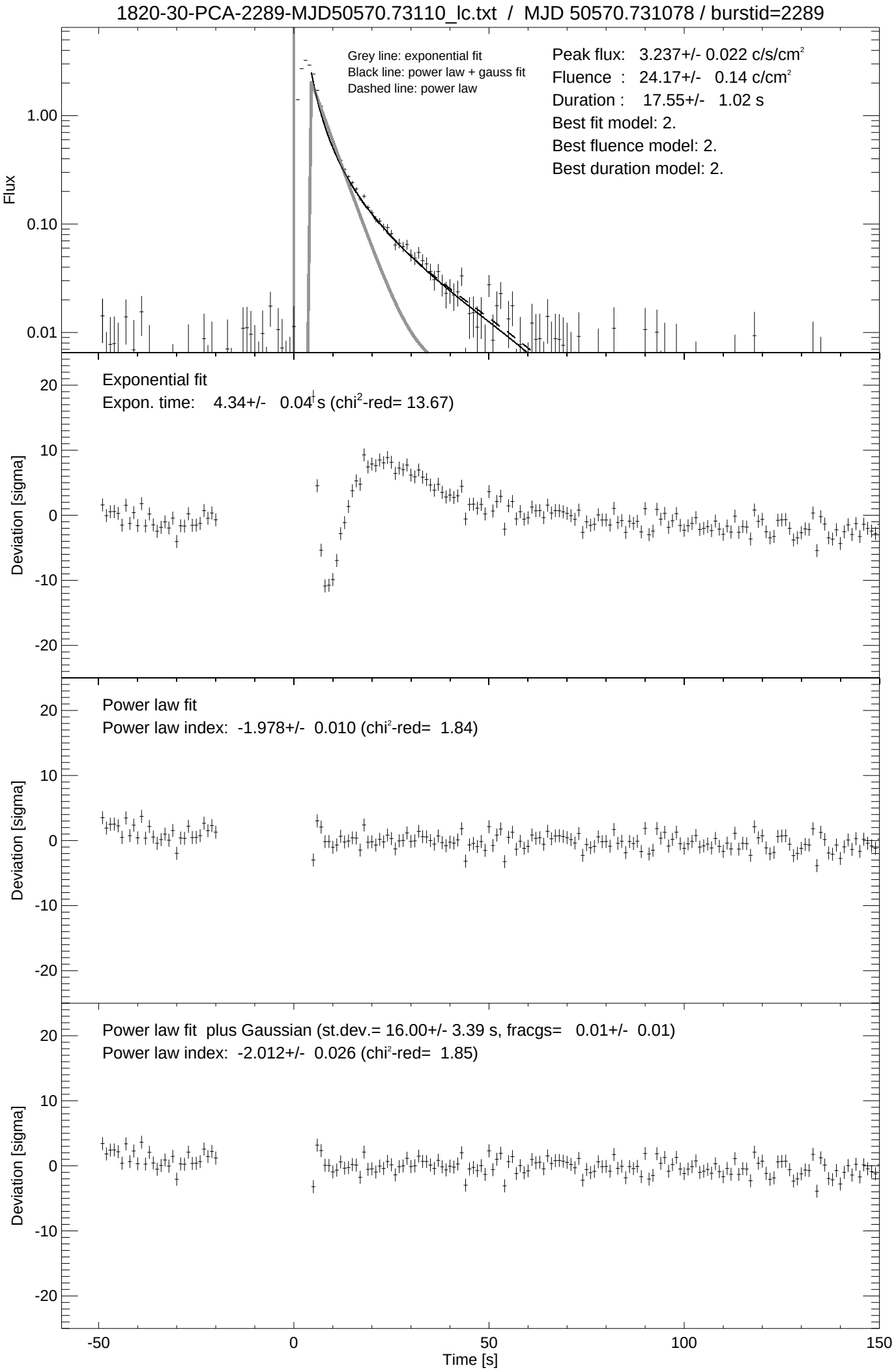
1820-30-PCA-2289-MJD50570.73110_lc.txt / MJD 50570.731078 / burstid=2289
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Peak flux: 3.237+/- 0.022 c/s/cm²
Fluence : 24.17+/- 0.14 c/cm²
Duration : 17.55+/- 1.02 s
Best fit model: 2.
Best fluence model: 2.
Best duration model: 2.
Flux
1.00
0.10
0.01
Exponential fit
Expon. time: 4.34+/- 0.04 s (chi²-red= 13.67)
Power law fit
Power law index: -1.978+/- 0.010 (chi²-red= 1.84)
Power law fit plus Gaussian (st.dev.= 16.00+/- 3.39 s, fracgs= 0.01+/- 0.01)
Power law index: -2.012+/- 0.026 (chi²-red= 1.85)
Deviation [sigma]
20
10
0
-10
-20
-50
0
50
100
150
Time [s]