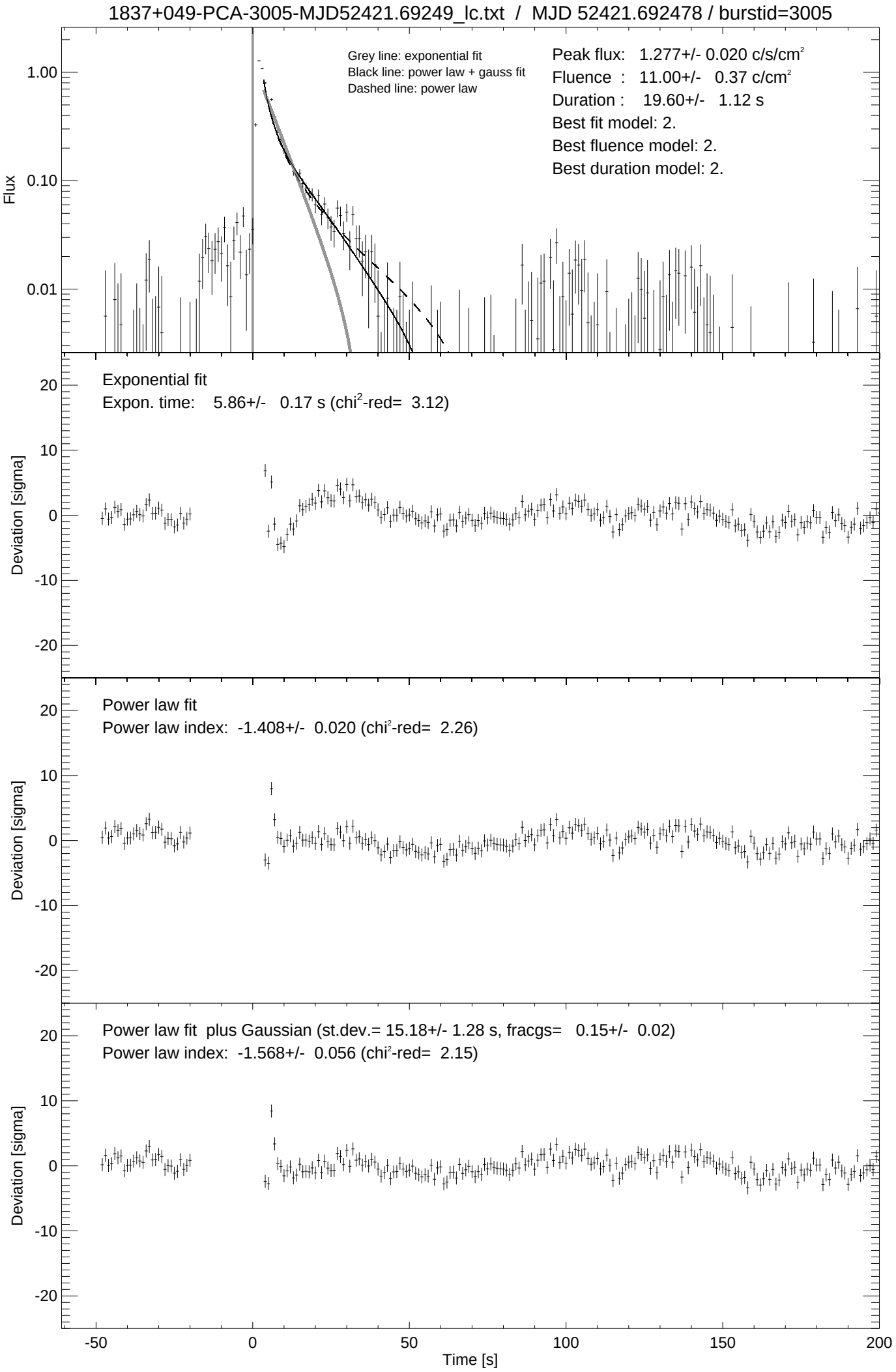
1837+049-PCA-3005-MJD52421.69249_lc.txt / MJD 52421.692478 / burstid=3005
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Peak flux: 1.277+/- 0.020 c/s/cm²
Fluence : 11.00+/- 0.37 c/cm²
Duration : 19.60+/- 1.12 s
Best fit model: 2.
Best fluence model: 2.
Best duration model: 2.
Flux
1.00
0.10
0.01
Exponential fit
Expon. time: 5.86+/- 0.17 s (chi²-red= 3.12)
Power law fit
Power law index: -1.408+/- 0.020 (chi²-red= 2.26)
Power law fit plus Gaussian (st.dev.= 15.18+/- 1.28 s, fracgs= 0.15+/- 0.02)
Power law index: -1.568+/- 0.056 (chi²-red= 2.15)
Deviation [sigma]
20
10
0
-10
-20
-50
0
50
100
150
200
Time [s]