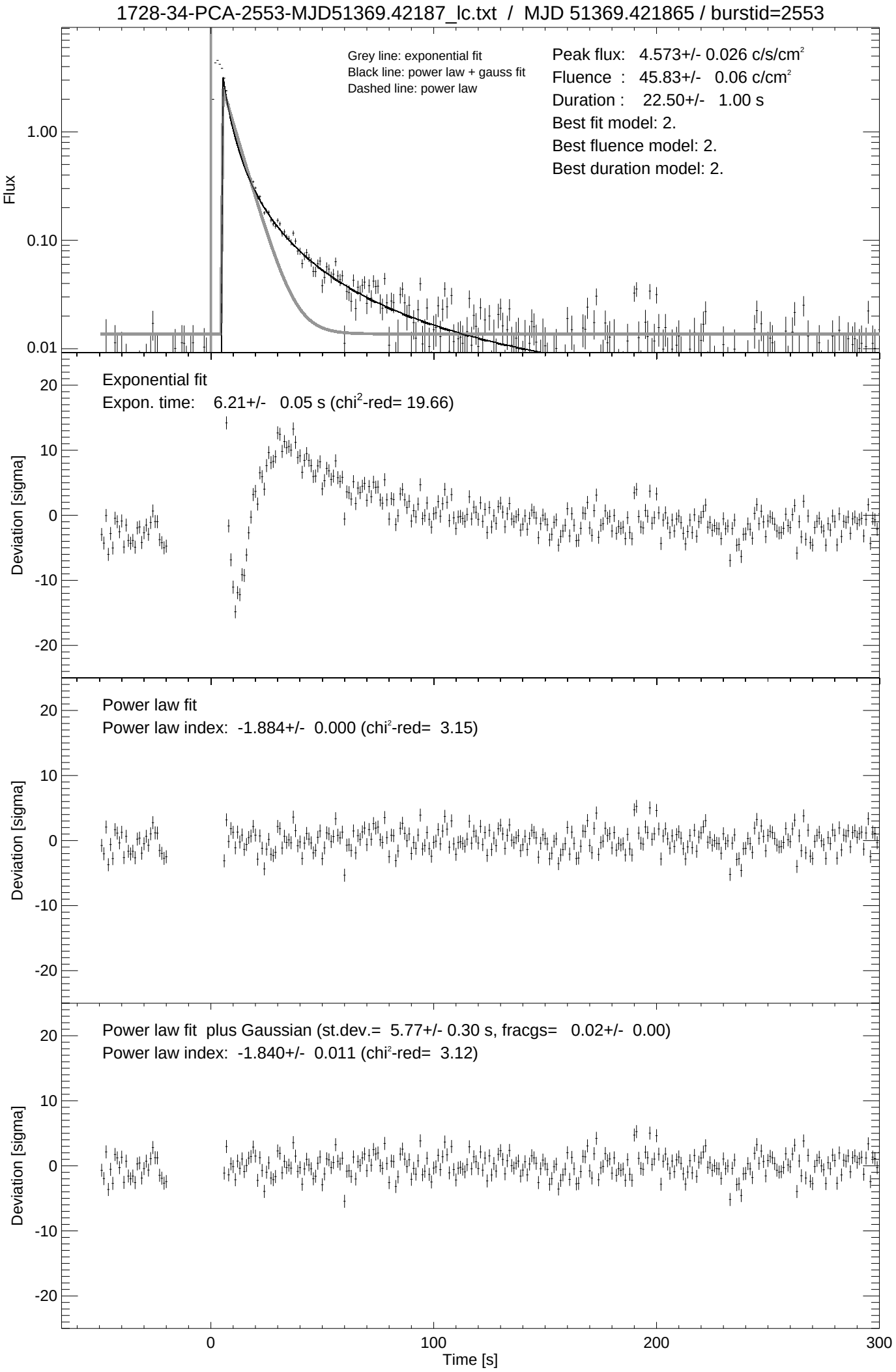
1728-34-PCA-2553-MJD51369.42187_lc.txt / MJD 51369.421865 / burstid=2553
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Peak flux: 4.573+/- 0.026 c/s/cm²
Fluence : 45.83+/- 0.06 c/cm²
Duration : 22.50+/- 1.00 s
Best fit model: 2.
Best fluence model: 2.
Best duration model: 2.
Flux
1.00
0.10
0.01
Exponential fit
Expon. time: 6.21+/- 0.05 s (chi²-red= 19.66)
Power law fit
Power law index: -1.884+/- 0.000 (chi²-red= 3.15)
Power law fit plus Gaussian (st.dev.= 5.77+/- 0.30 s, fracgs= 0.02+/- 0.00)
Power law index: -1.840+/- 0.011 (chi²-red= 3.12)
Deviation [sigma]
20
10
0
-10
-20
0
100
200
300
Time [s]