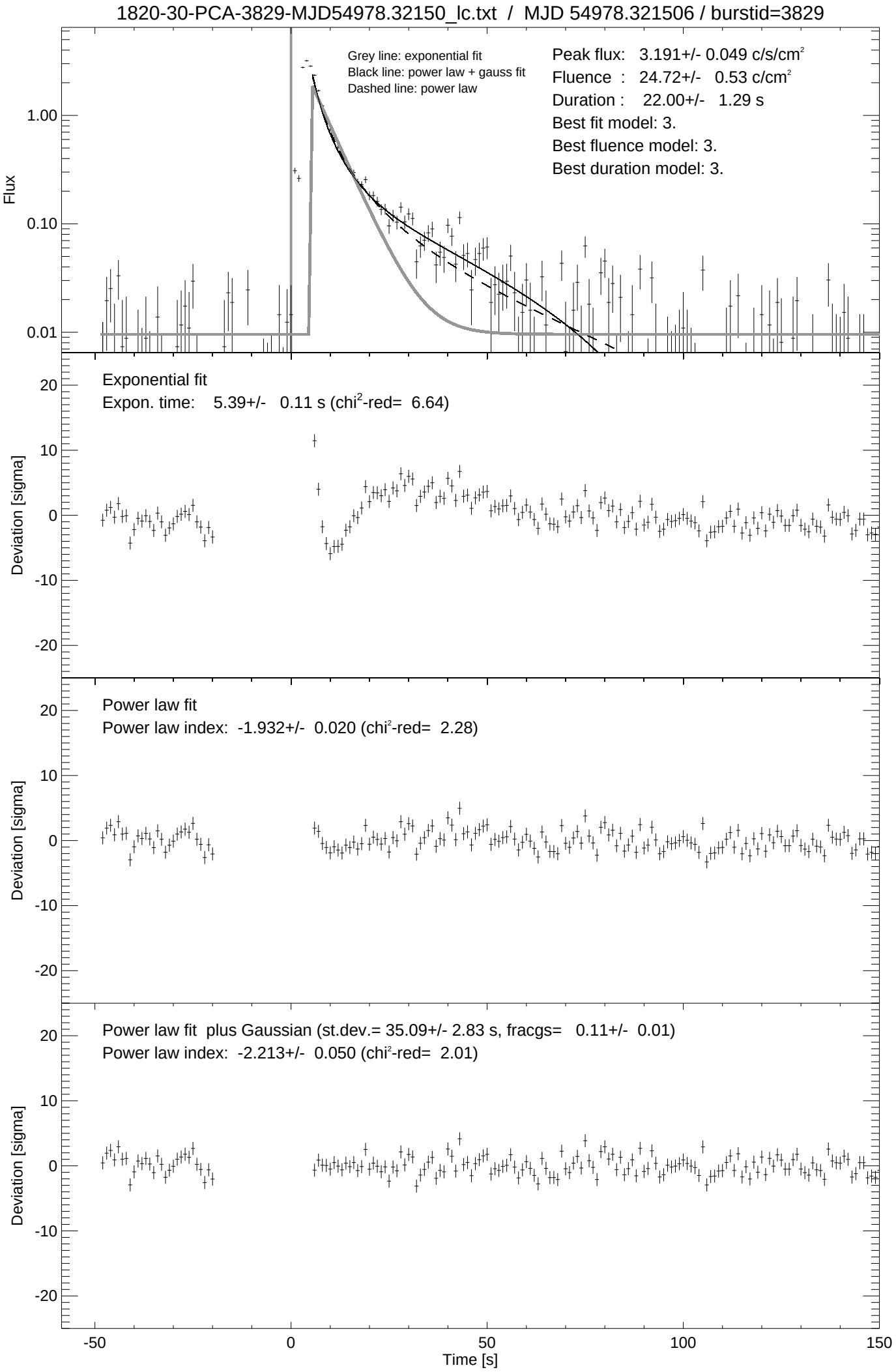
1820-30-PCA-3829-MJD54978.32150_lc.txt / MJD 54978.321506 / burstid=3829
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Peak flux: 3.191+/- 0.049 c/s/cm²
Fluence : 24.72+/- 0.53 c/cm²
Duration : 22.00+/- 1.29 s
Best fit model: 3.
Best fluence model: 3.
Best duration model: 3.
Flux
1.00
0.10
0.01
Exponential fit
Expon. time: 5.39+/- 0.11 s (chi²-red= 6.64)
Power law fit
Power law index: -1.932+/- 0.020 (chi²-red= 2.28)
Power law fit plus Gaussian (st.dev.= 35.09+/- 2.83 s, fracgs= 0.11+/- 0.01)
Power law index: -2.213+/- 0.050 (chi²-red= 2.01)
Deviation [sigma]
20
10
0
-10
-20
-50
0
50
100
150
Time [s]