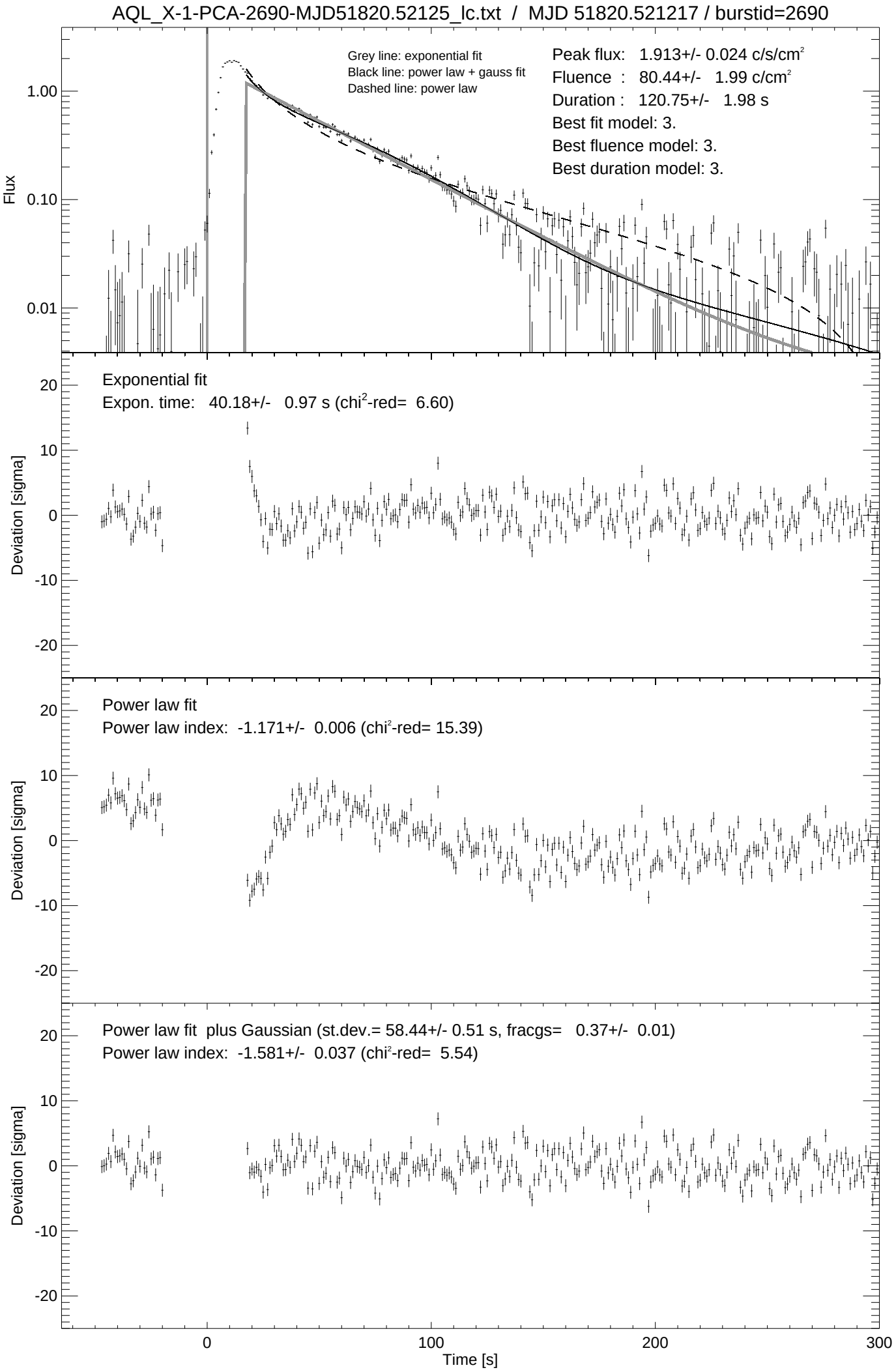
AQL_X-1-PCA-2690-MJD51820.52125_lc.txt / MJD 51820.521217 / burstid=2690
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Peak flux: 1.913+/- 0.024 c/s/cm²
Fluence : 80.44+/- 1.99 c/cm²
Duration : 120.75+/- 1.98 s
Best fit model: 3.
Best fluence model: 3.
Best duration model: 3.
Flux
1.00
0.10
0.01
Exponential fit
Expon. time: 40.18+/- 0.97 s (chi²-red= 6.60)
Power law fit
Power law index: -1.171+/- 0.006 (chi²-red= 15.39)
Power law fit plus Gaussian (st.dev.= 58.44+/- 0.51 s, fracgs= 0.37+/- 0.01)
Power law index: -1.581+/- 0.037 (chi²-red= 5.54)
Deviation [sigma]
20
10
0
-10
-20
0
100
200
300
Time [s]