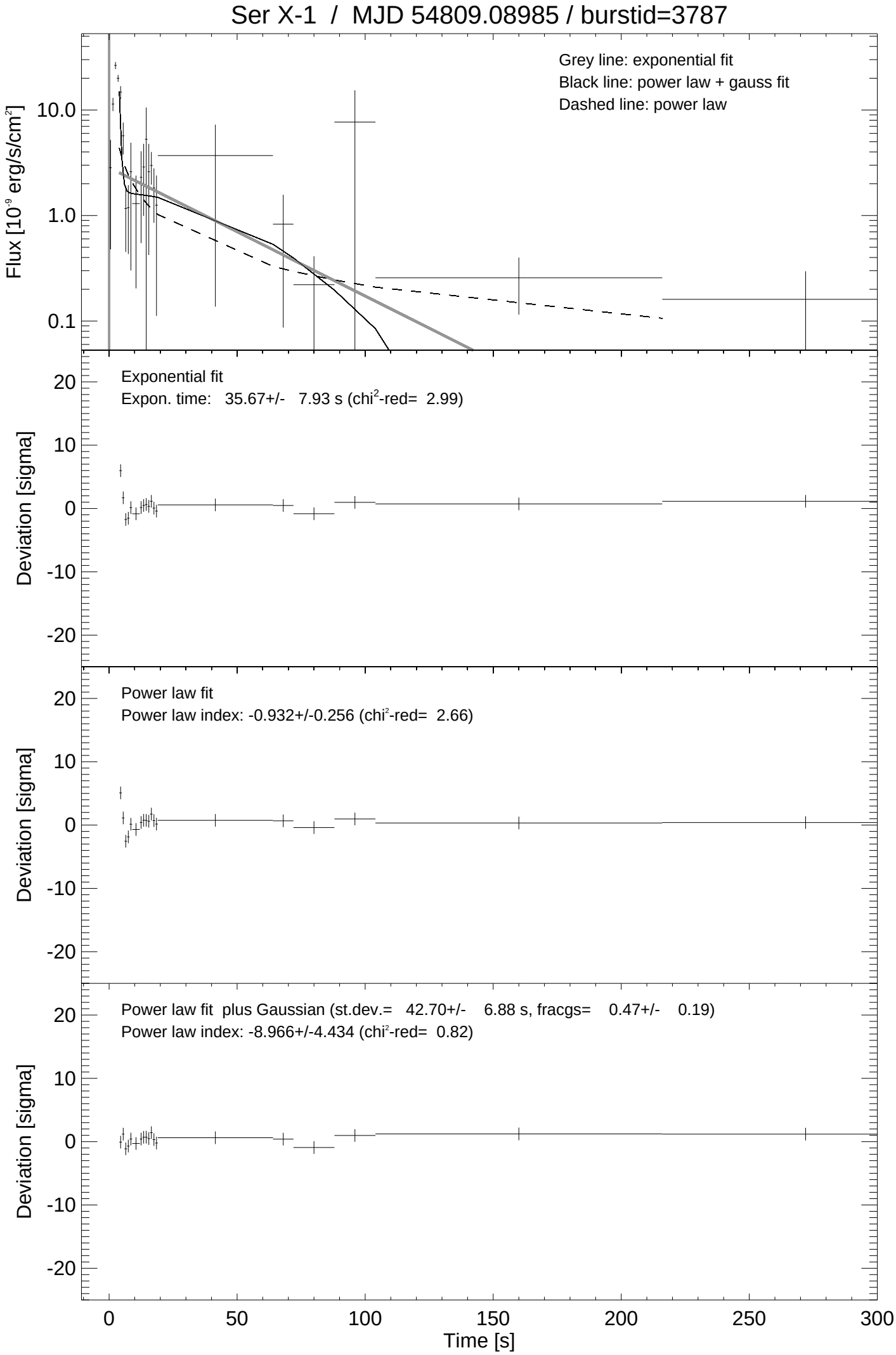
Ser X-1 / MJD 54809.08985 / burstid=3787
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 35.67+/- 7.93 s (chi^2-red= 2.99)
Power law fit
Power law index: -0.932+/-0.256 (chi^2-red= 2.66)
Power law fit plus Gaussian (st.dev.= 42.70+/- 6.88 s, fracgs= 0.47+/- 0.19)
Power law index: -8.966+/-4.434 (chi^2-red= 0.82)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]