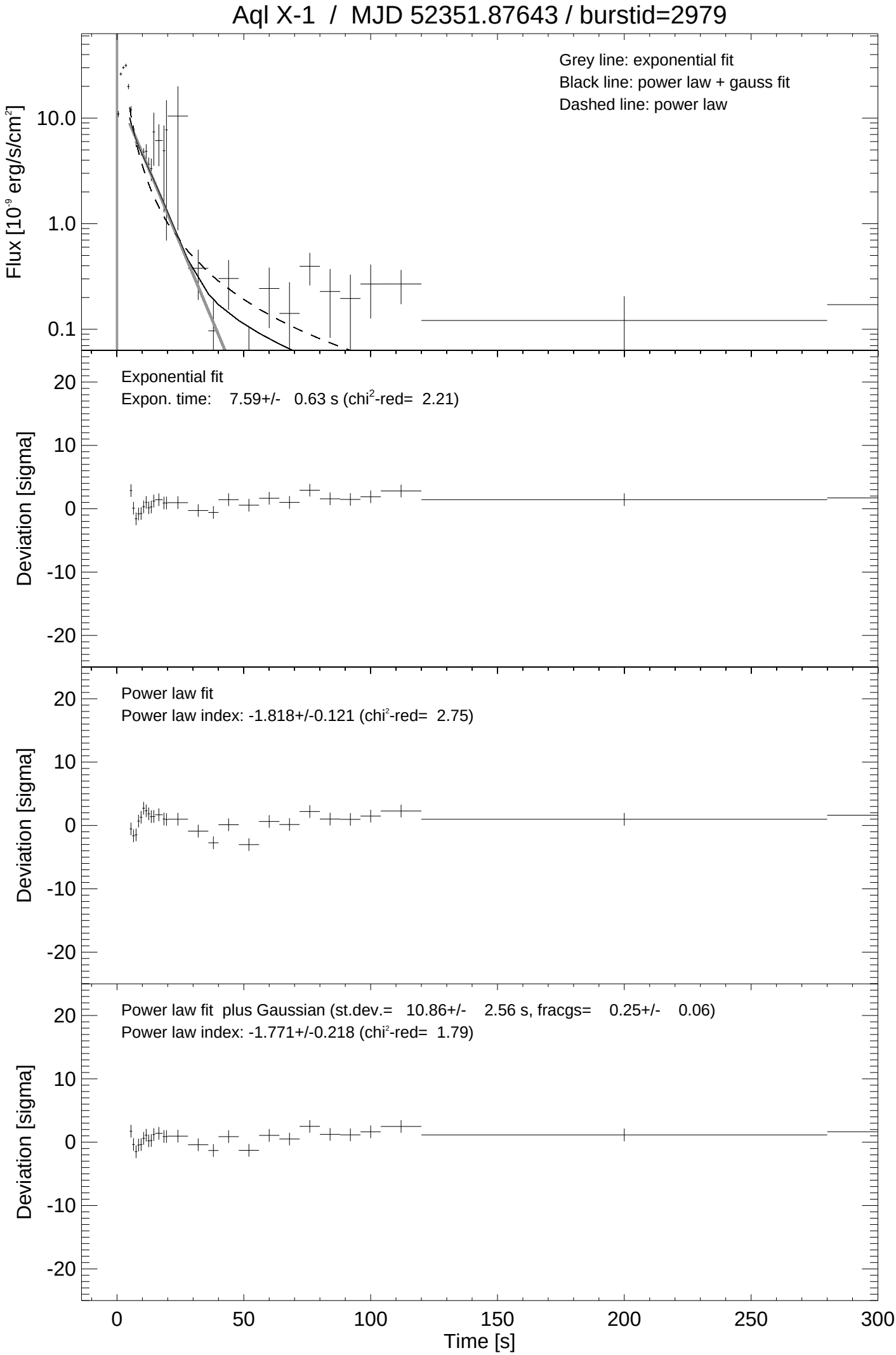
Aql X-1 / MJD 52351.87643 / burstid=2979
Grey line: exponential fit
Black line: power law + gauss fit
Dashed line: power law
Flux [10^-9 erg/s/cm^2]
10.0
1.0
0.1
Exponential fit
Expon. time: 7.59+/- 0.63 s (chi^2-red= 2.21)
Power law fit
Power law index: -1.818+/-0.121 (chi^2-red= 2.75)
Power law fit plus Gaussian (st.dev.= 10.86+/- 2.56 s, fracgs= 0.25+/- 0.06)
Power law index: -1.771+/-0.218 (chi^2-red= 1.79)
Deviation [sigma]
20
10
0
-10
-20
0
50
100
150
200
250
300
Time [s]