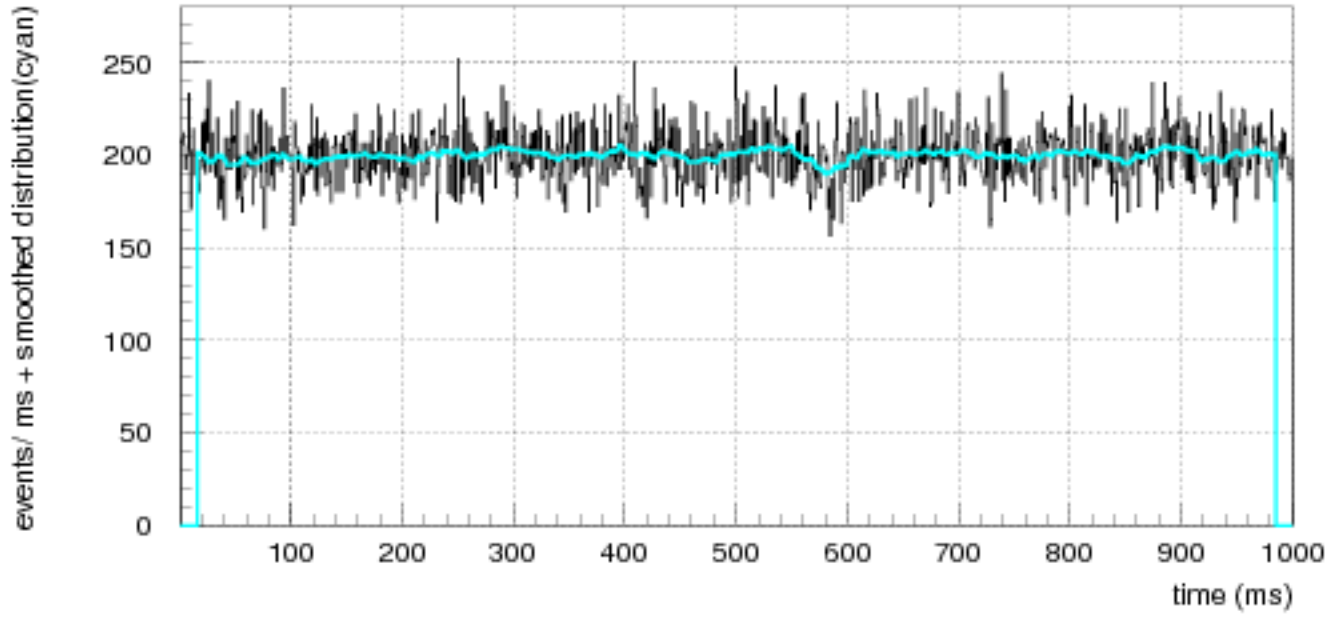


generated events



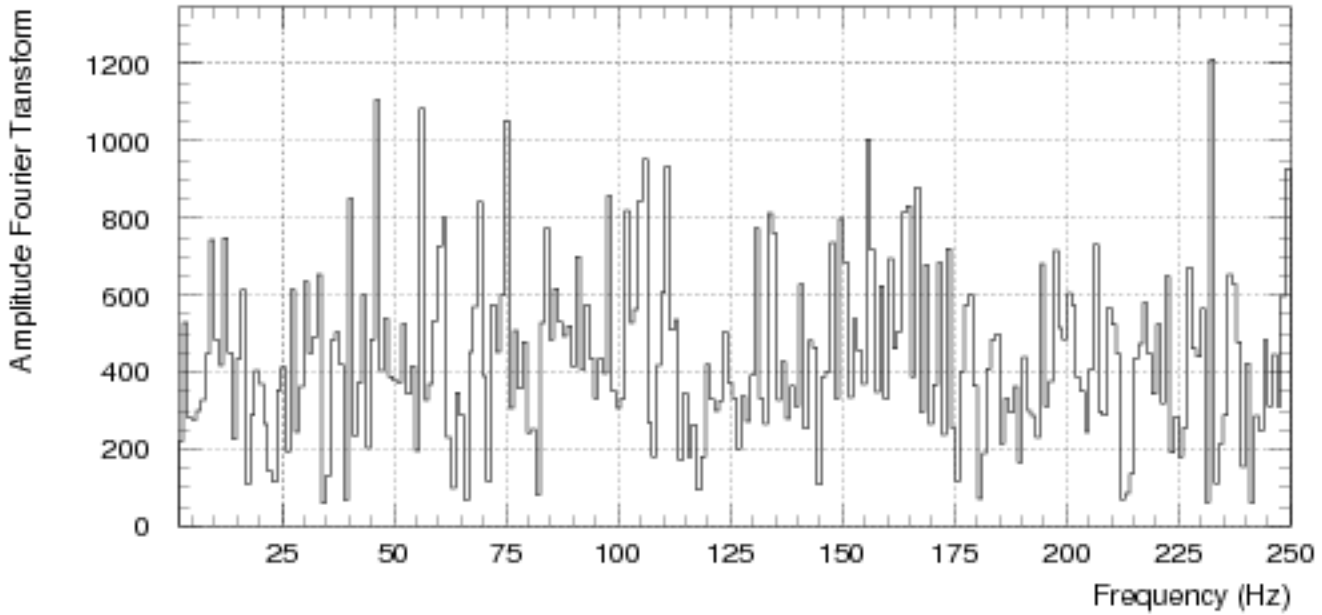
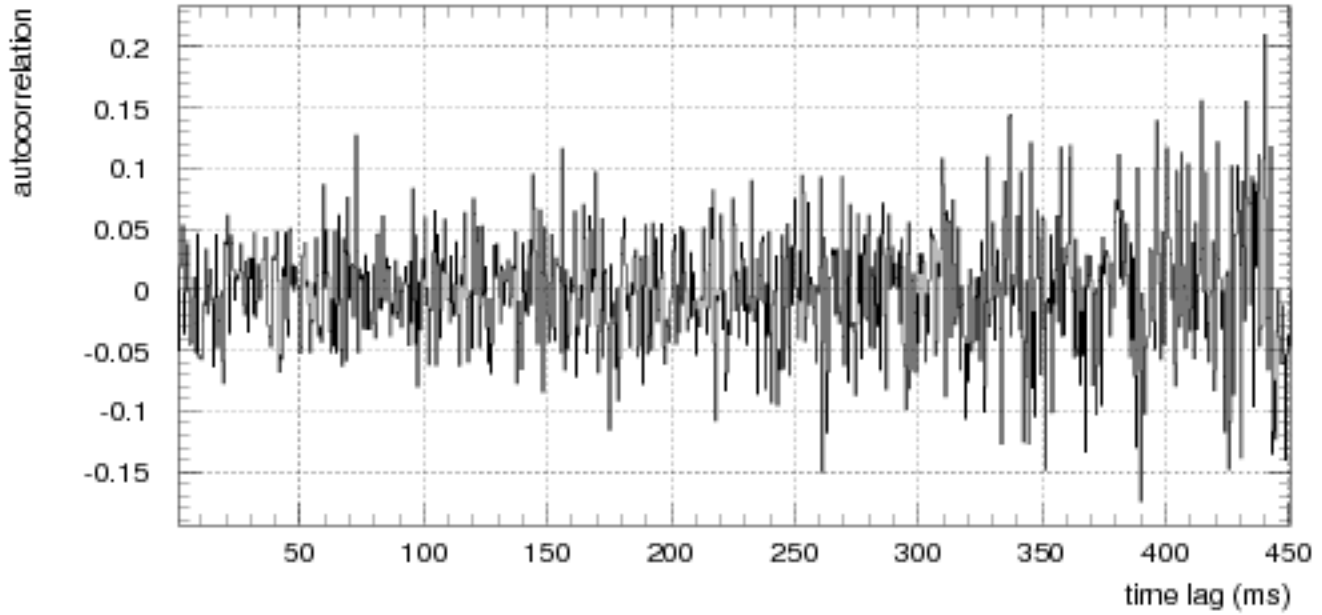
50 Hz 0

100 Hz 0

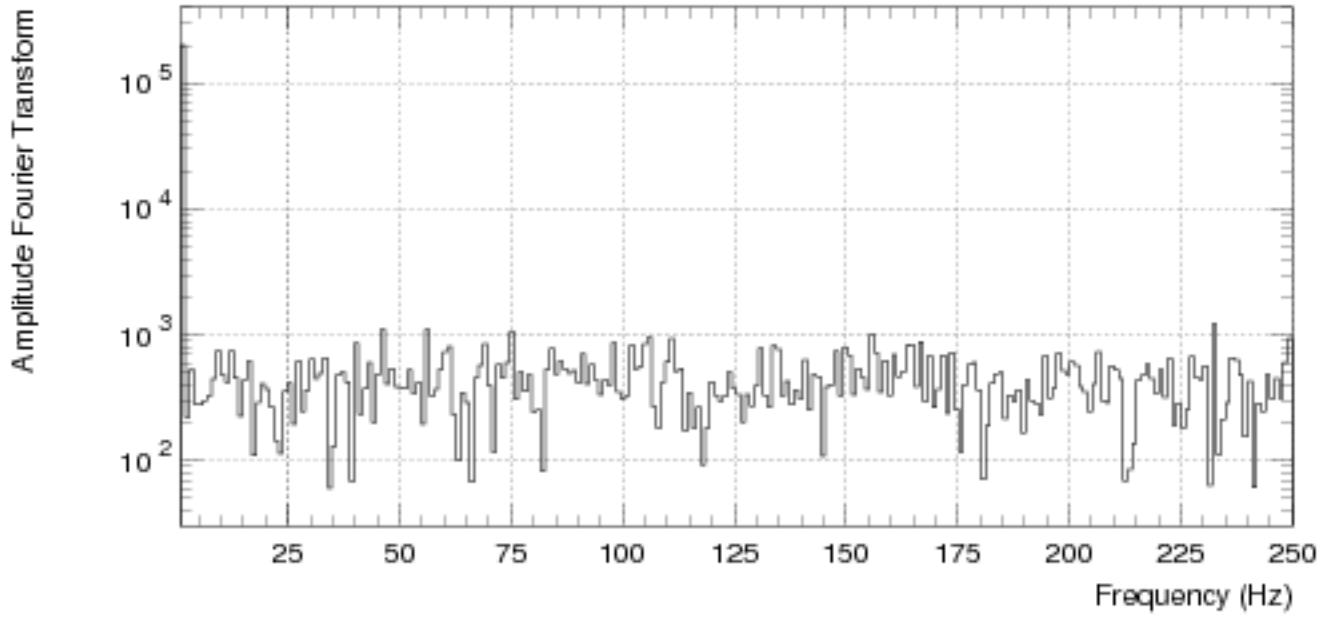
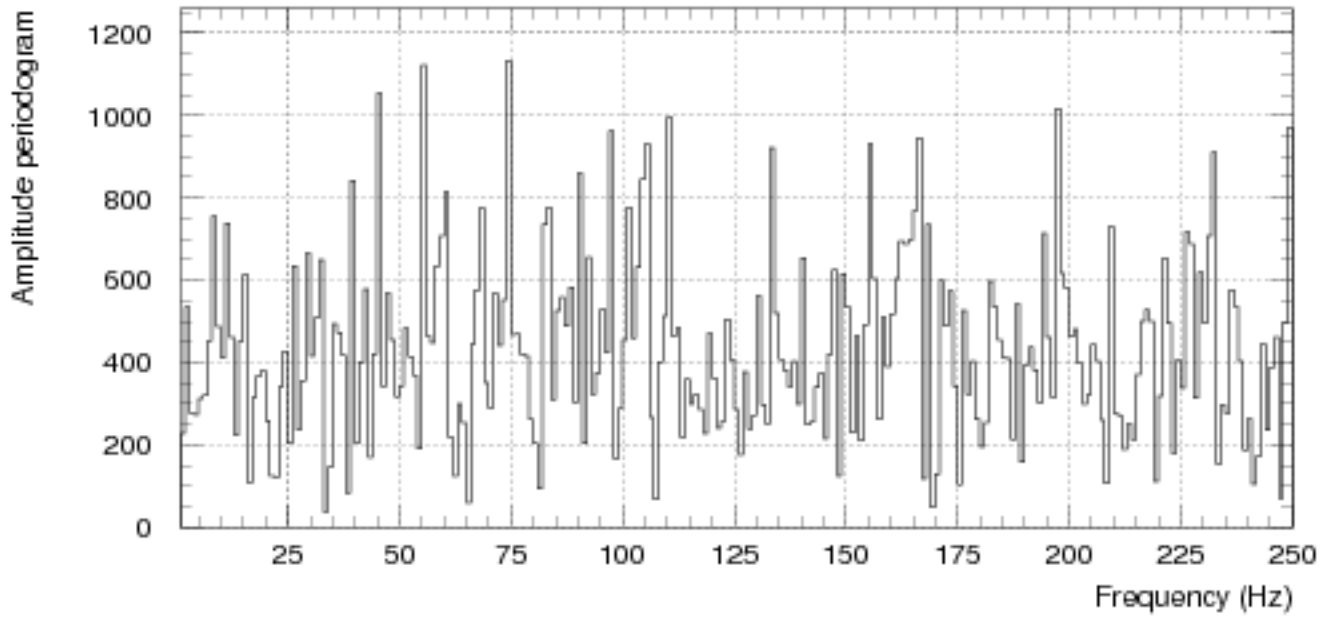
150 Hz 0

ran 00.

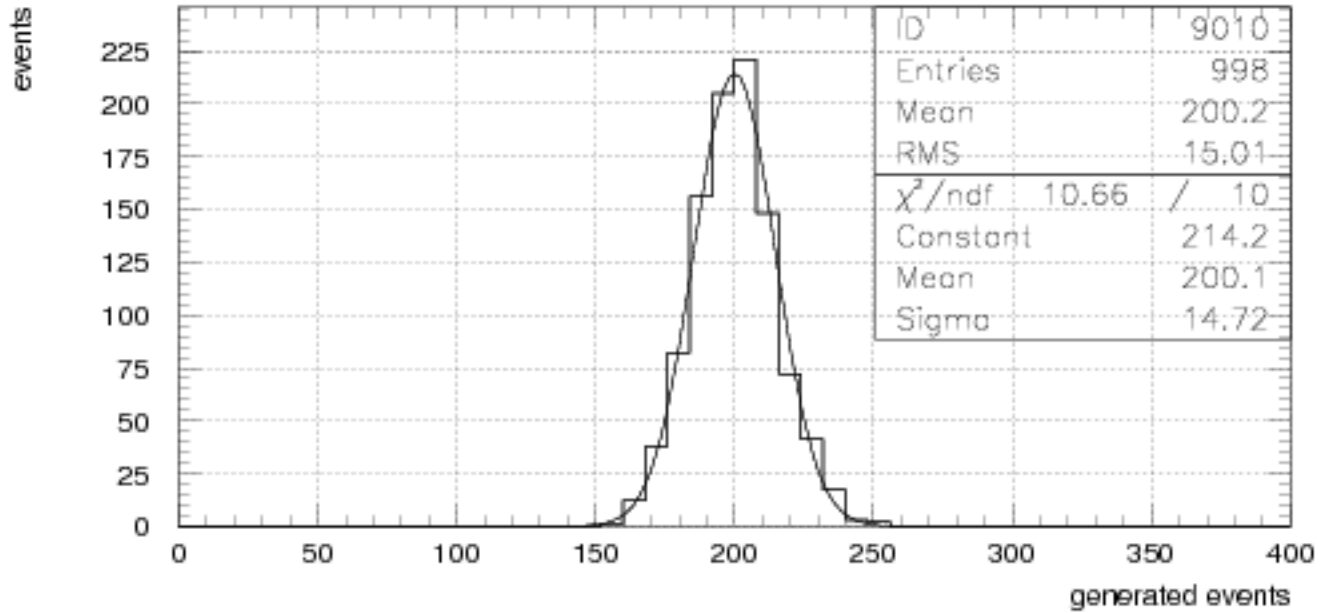
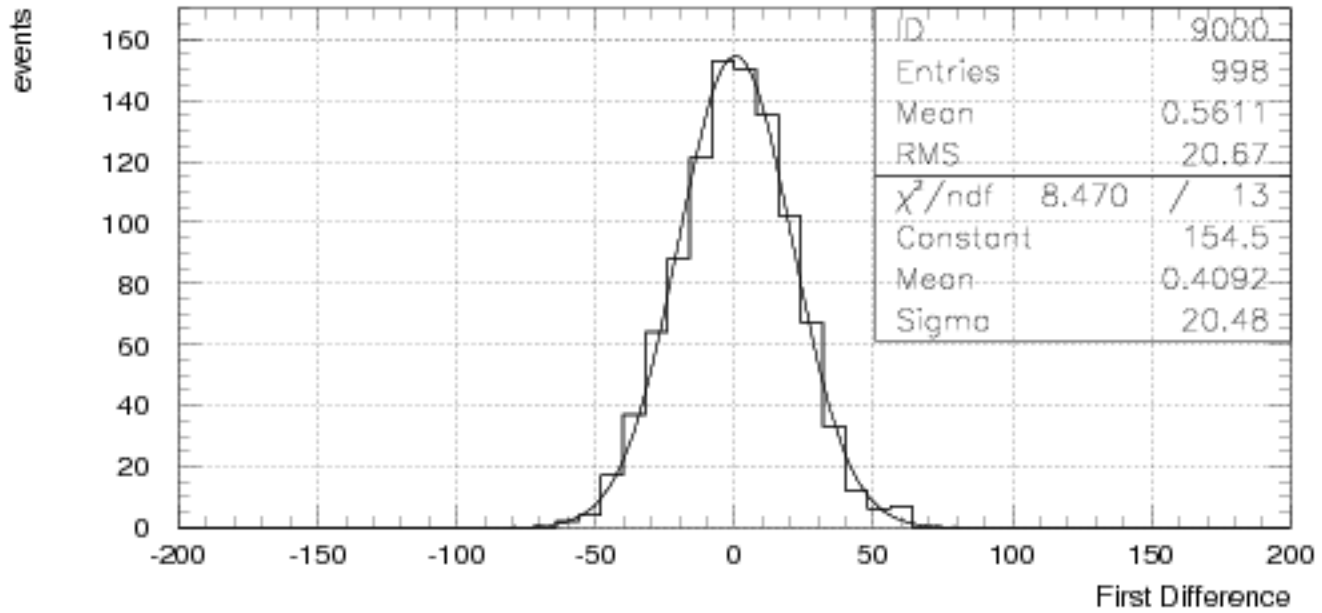
sample autocorrelation



Modified .PERIODOGRAM



Difference plots



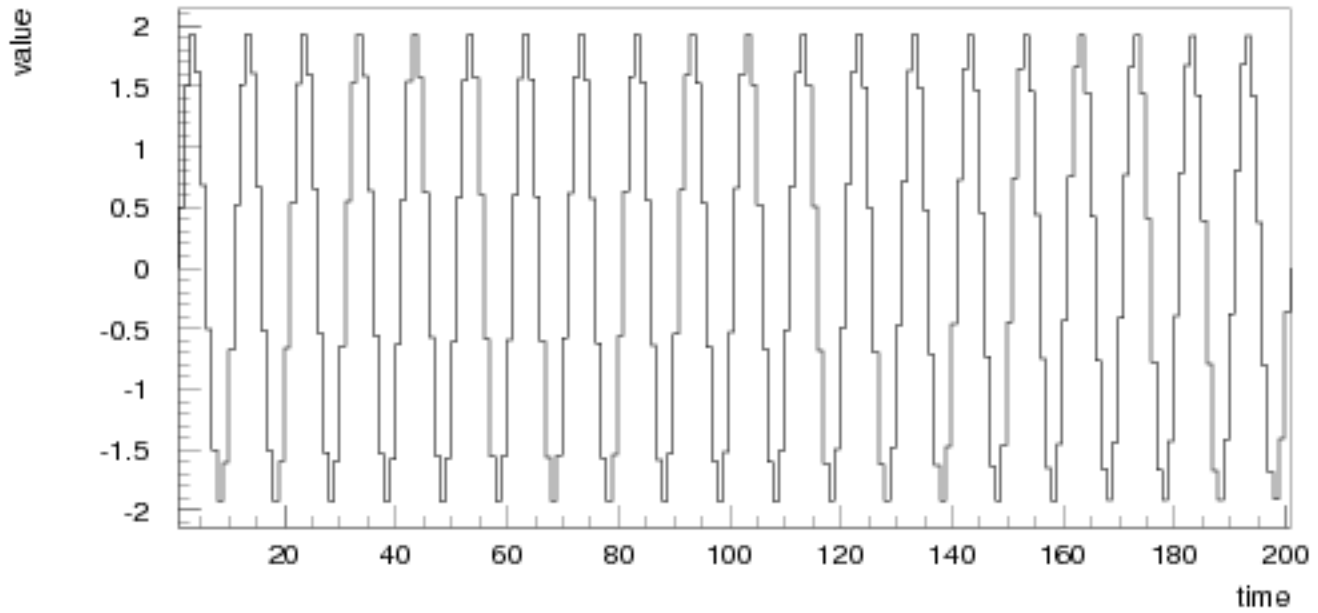
2023/04/03 11.29

Spill statistics/ms

Skewness 0.146829 +/- 0.0774597

Kurtosis 3.15091 +/- 0.154919

From difference equation $a_1 = 1.617$, $a_2 = -1.0$

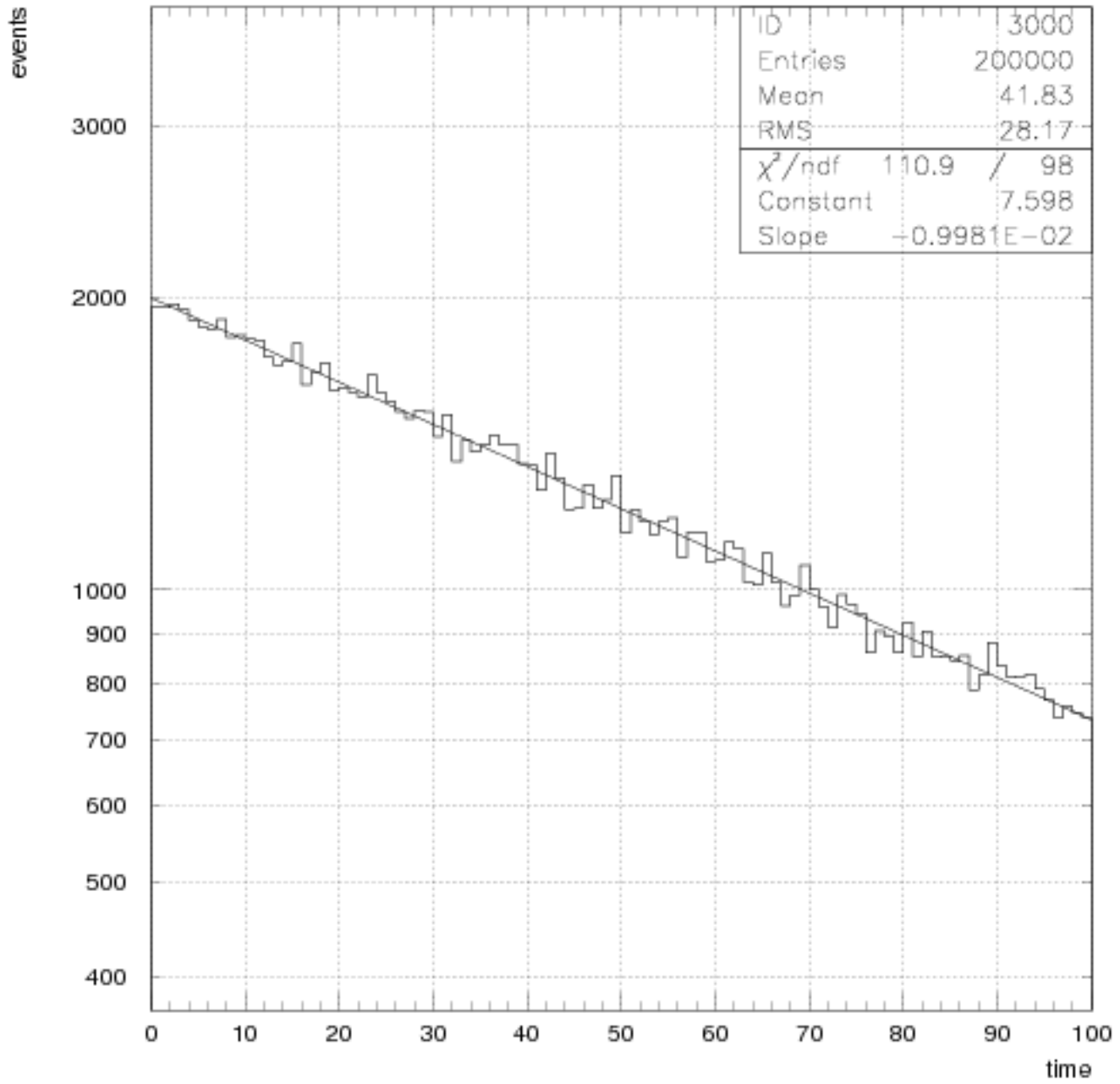


difference equation for 100 Hz

$$y(t) = a_1 y(t-1) + a_2 y(t-2)$$

$$a_1 = 1.617 \quad a_2 = -1.0$$

check poisson simulation



check poisson simulation

