

SPILL STRUCTURE PLOTS - Spill Time Distribution

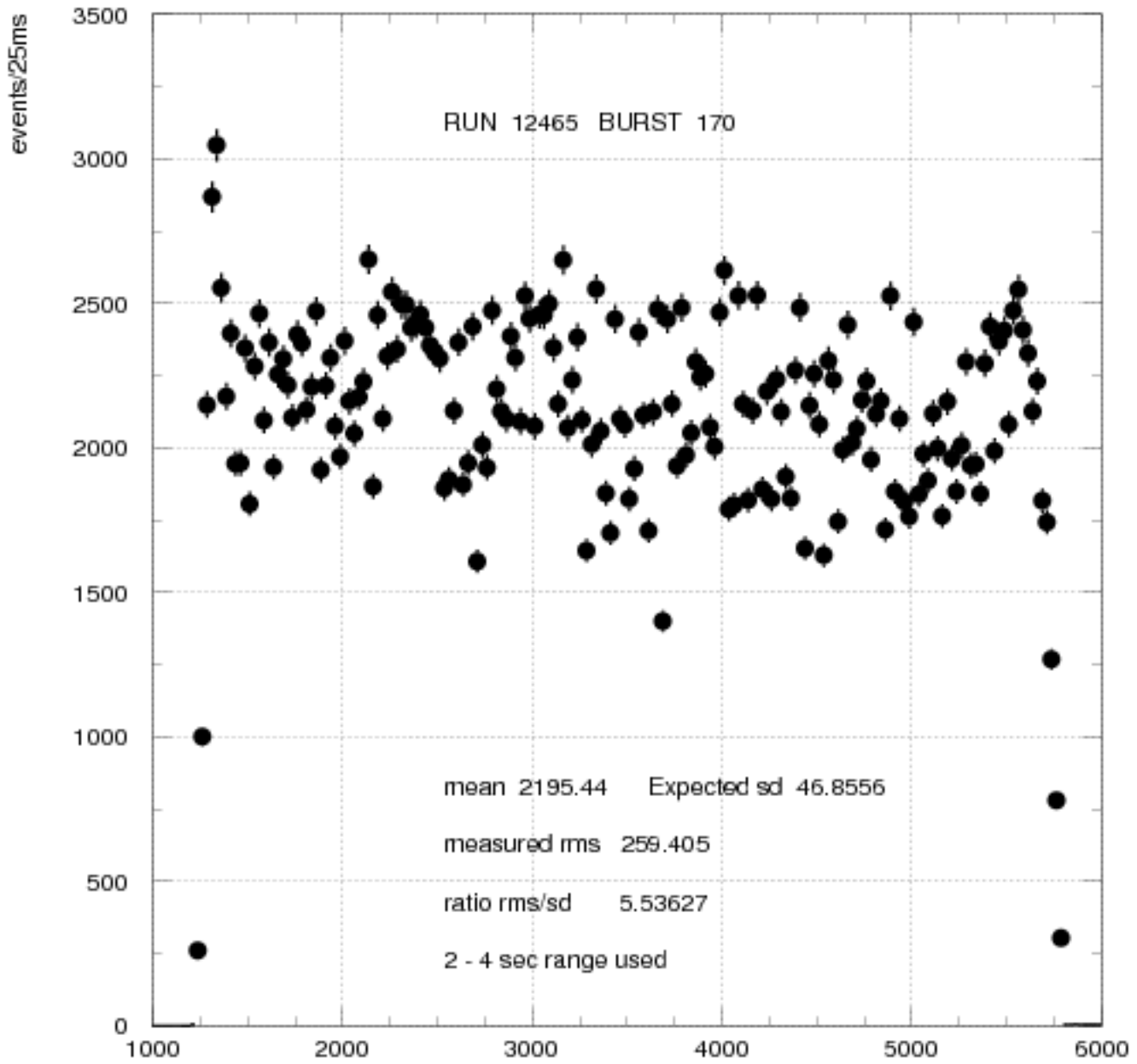


Fig 1. Time (ms)

## Spill statistics

RUN 12465 BURST 170

Mean	2195.44	SD	259.405
Skewness	-0.548847	+/-	0.272166
Kurtosis	2.89139	+/-	0.544331
SD/sqrt(Mean)	5.53627		
Range/SD	4.82258		

Uncorrected folded time (units 25 ns)

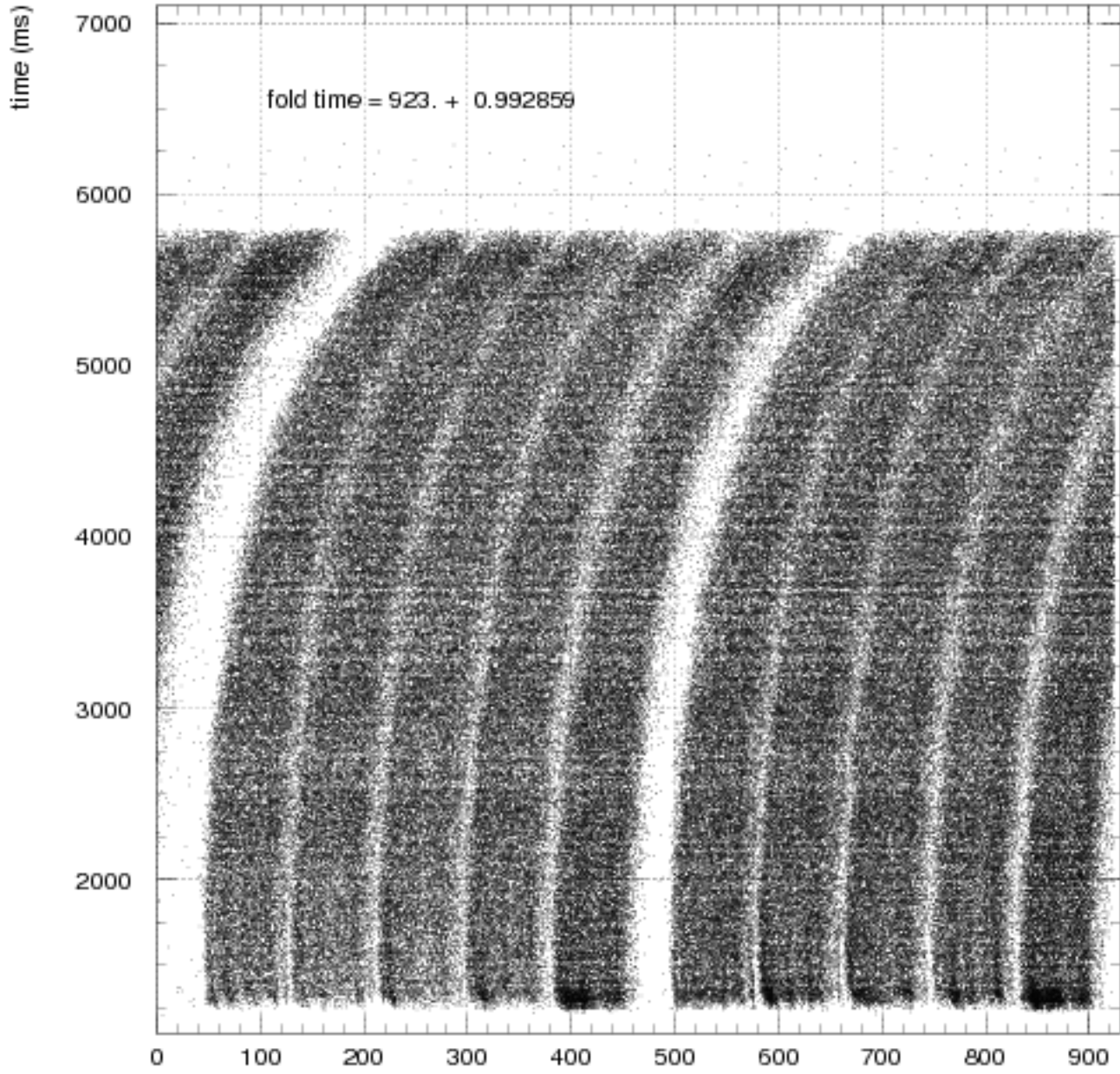


Fig. 2 Folded time/25ns

Cubic-corrected folded time (autocorr.kumac)

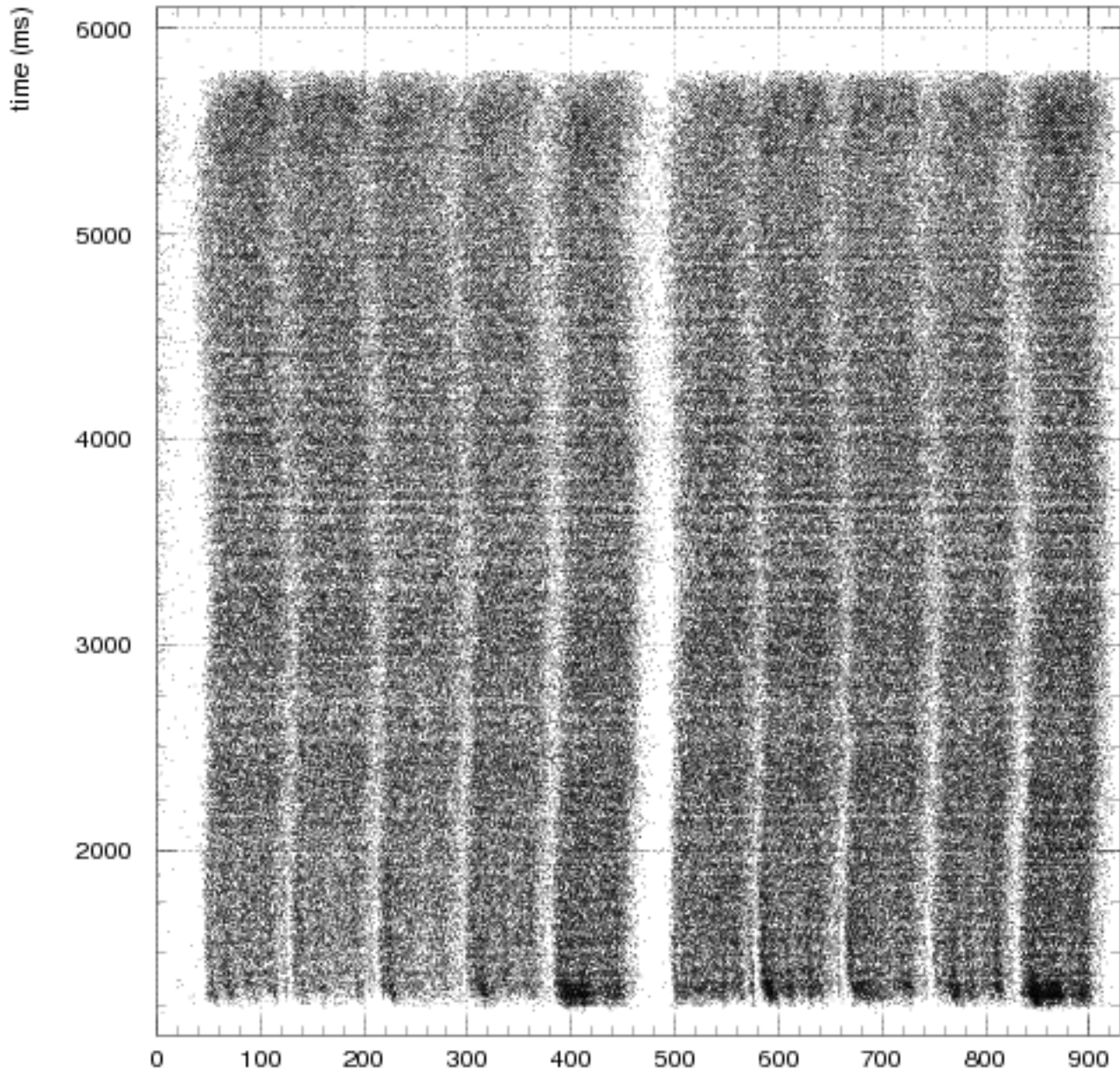


Fig. 3 Corrected folded time/25ns

### Folded Time Distributions

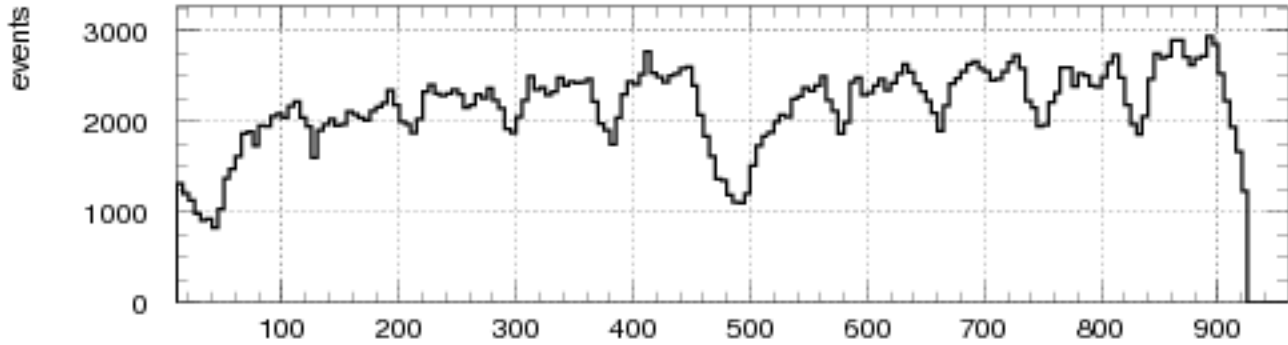


Fig. 4a Uncorrected folded time

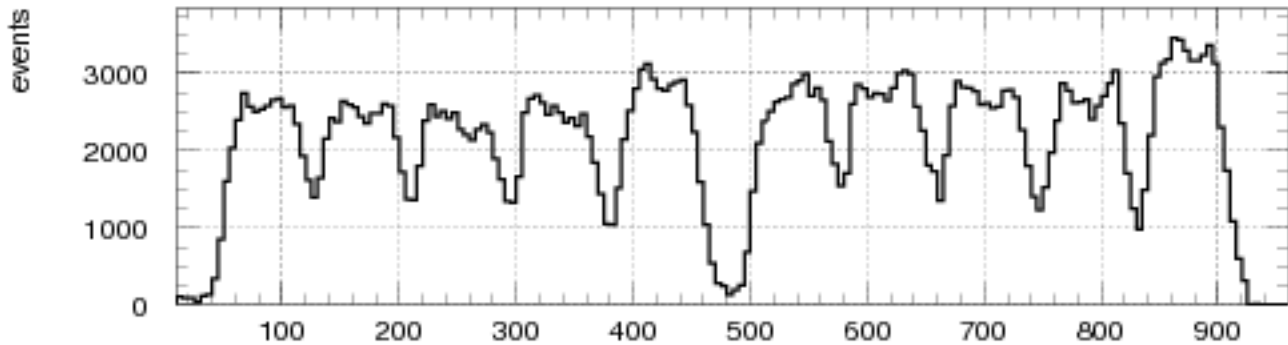


Fig. 4b Corrected folded time

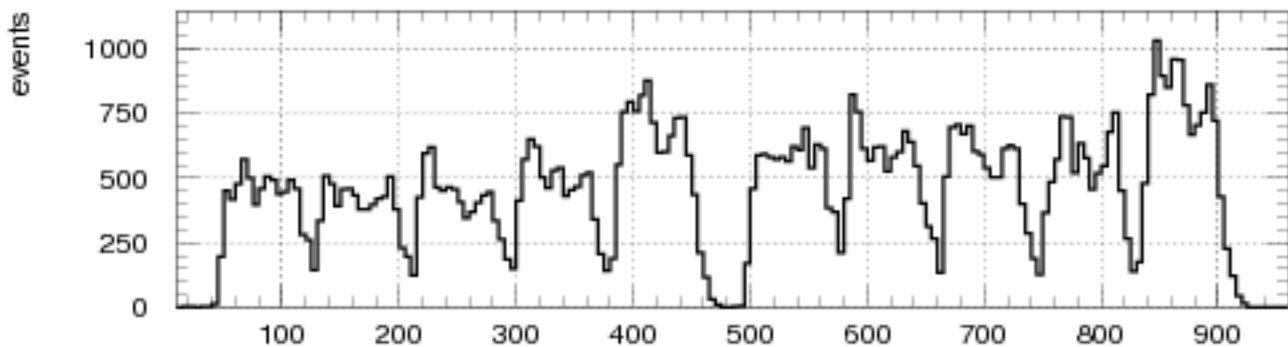


Fig. 4c Uncorrected folded time for 1200-2200 ms spill time

Sample Autocorrelation Coefficient (1.5 - 5.5 secs) il = 1 iphase =150

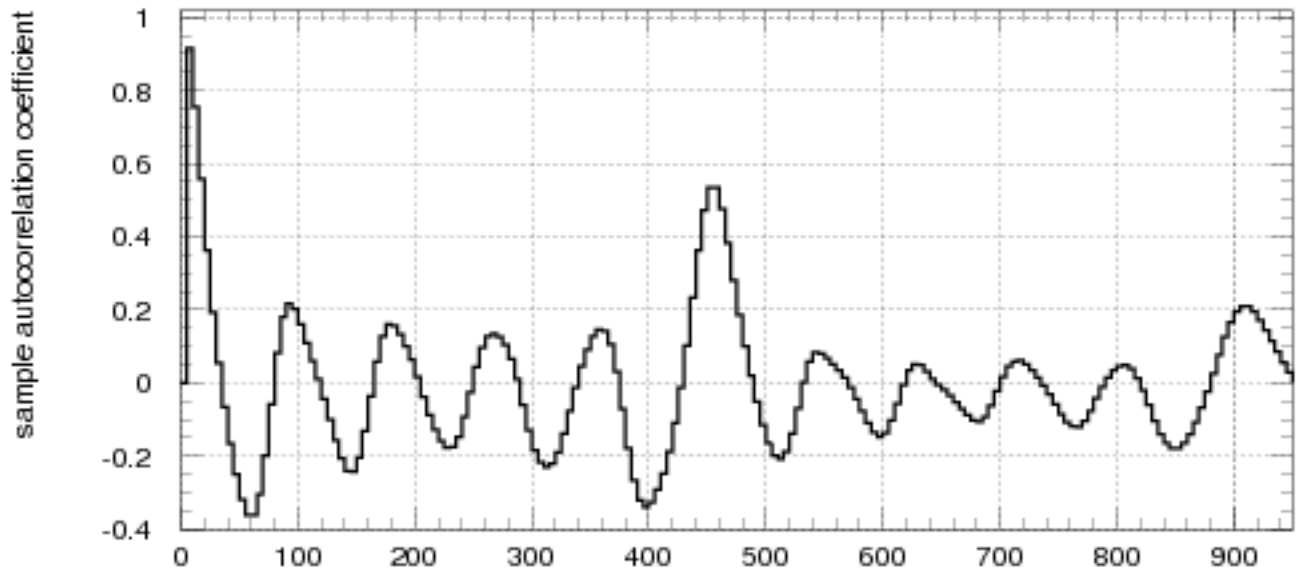


Fig. 5a Time lag (corrected folded time)

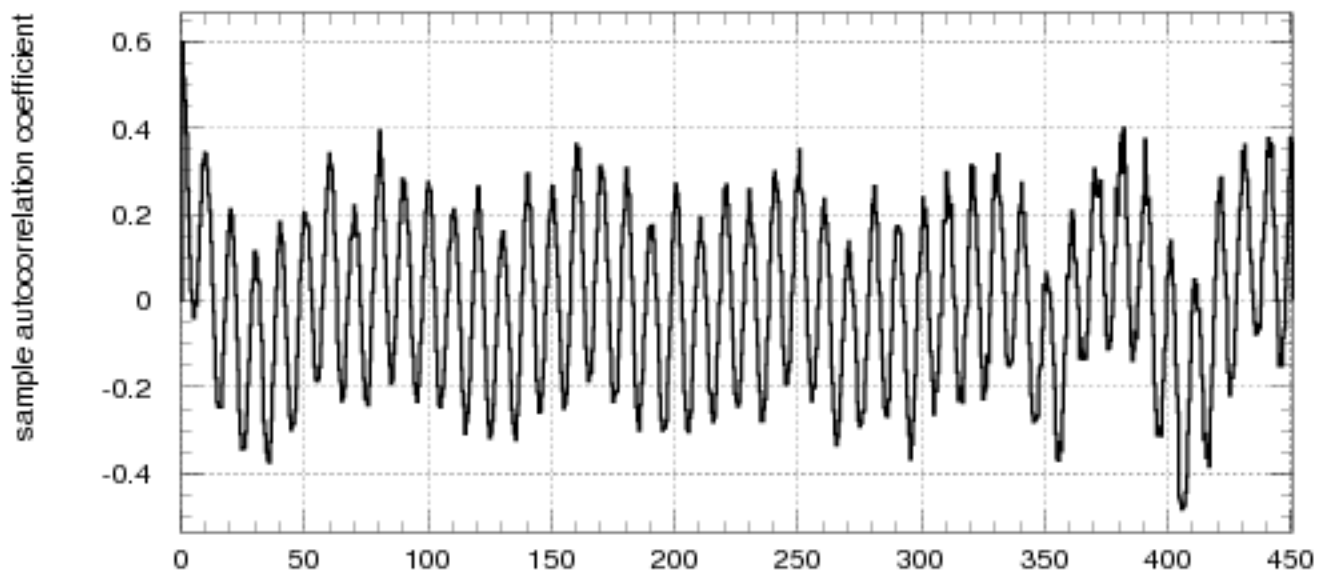


Fig. 5b Time lag (Spill - ms )

### Fourier Transform

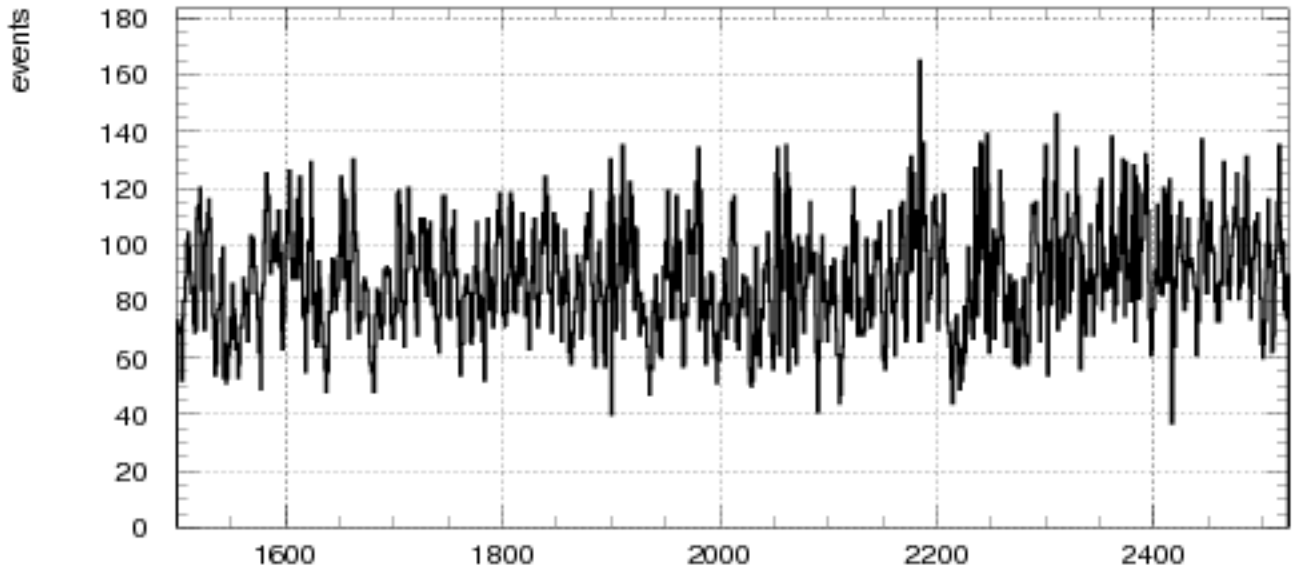


Fig. 6a Time(ms)

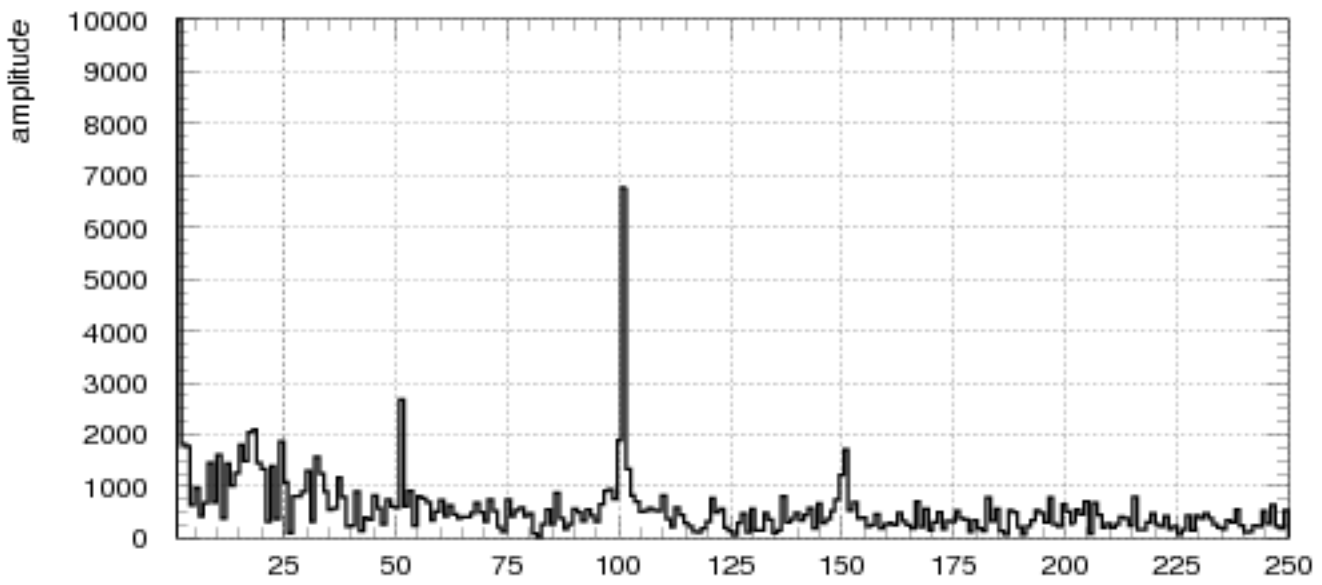


Fig. 6b Frequency(Hz)

### Hurst Rescaled Range

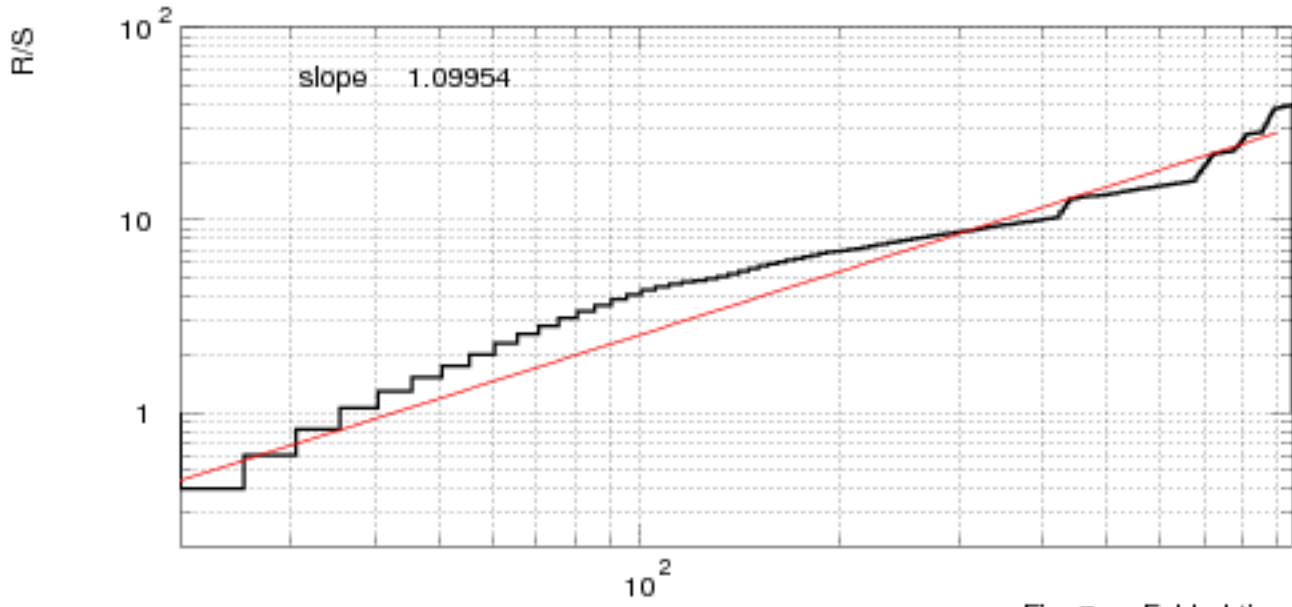


Fig. 7a Folded time

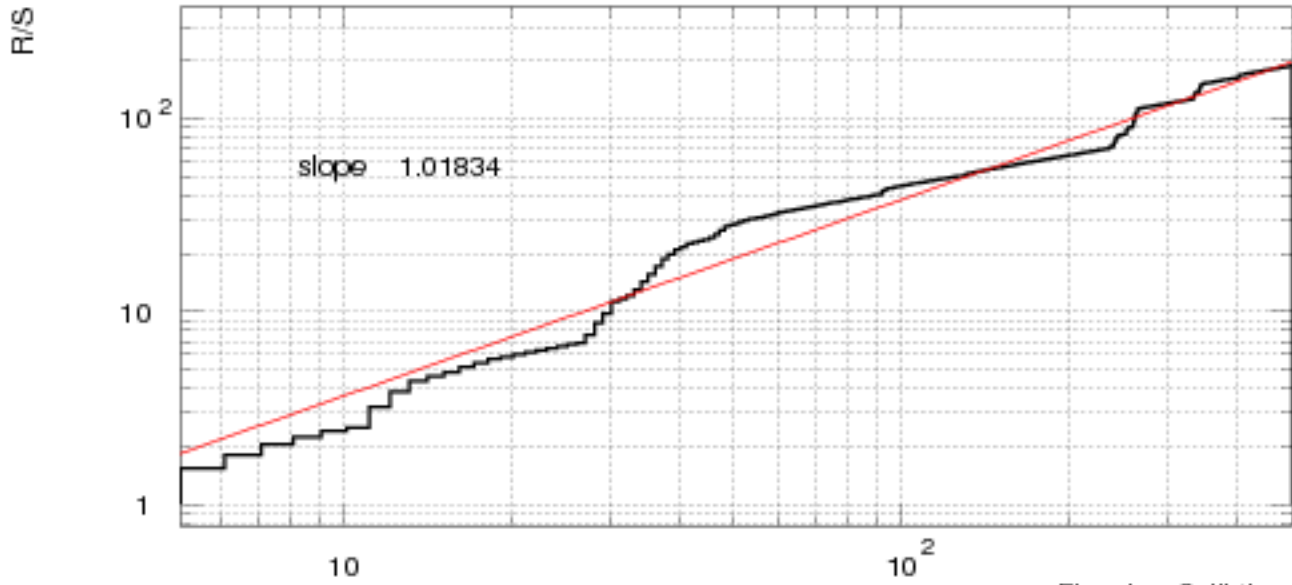


Fig. 7b Spill time



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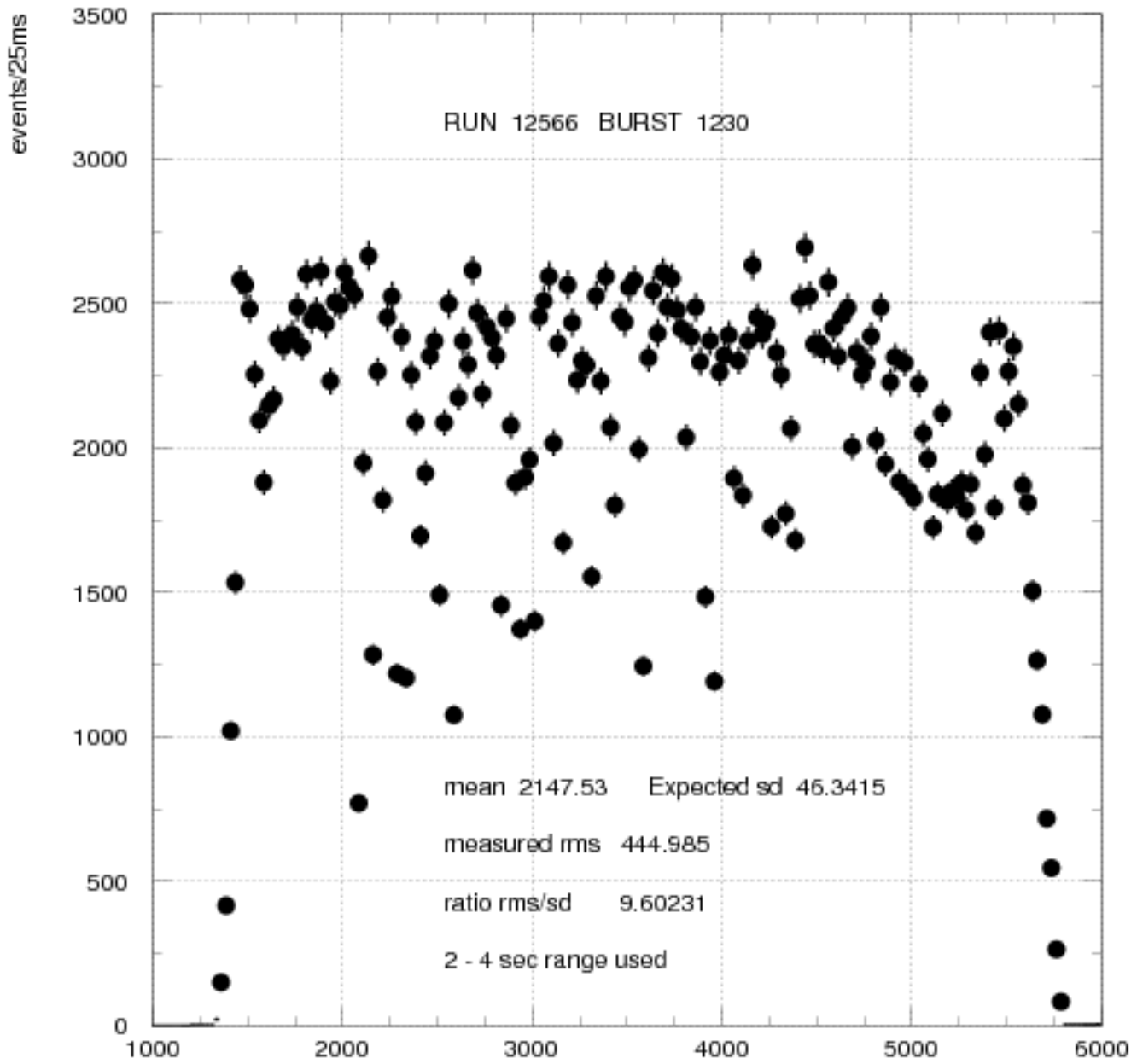


Fig 1. Time (ms)

## Spill statistics

RUN 12566 BURST 1230

Mean	2147.53	SD	444.985
Skewness	-1.16358	+/-	0.272166
Kurtosis	3.39621	+/-	0.544331
SD/sqrt(Mean)	9.60231		
Range/SD	4.25857		

Uncorrected folded time (units 25 ns)

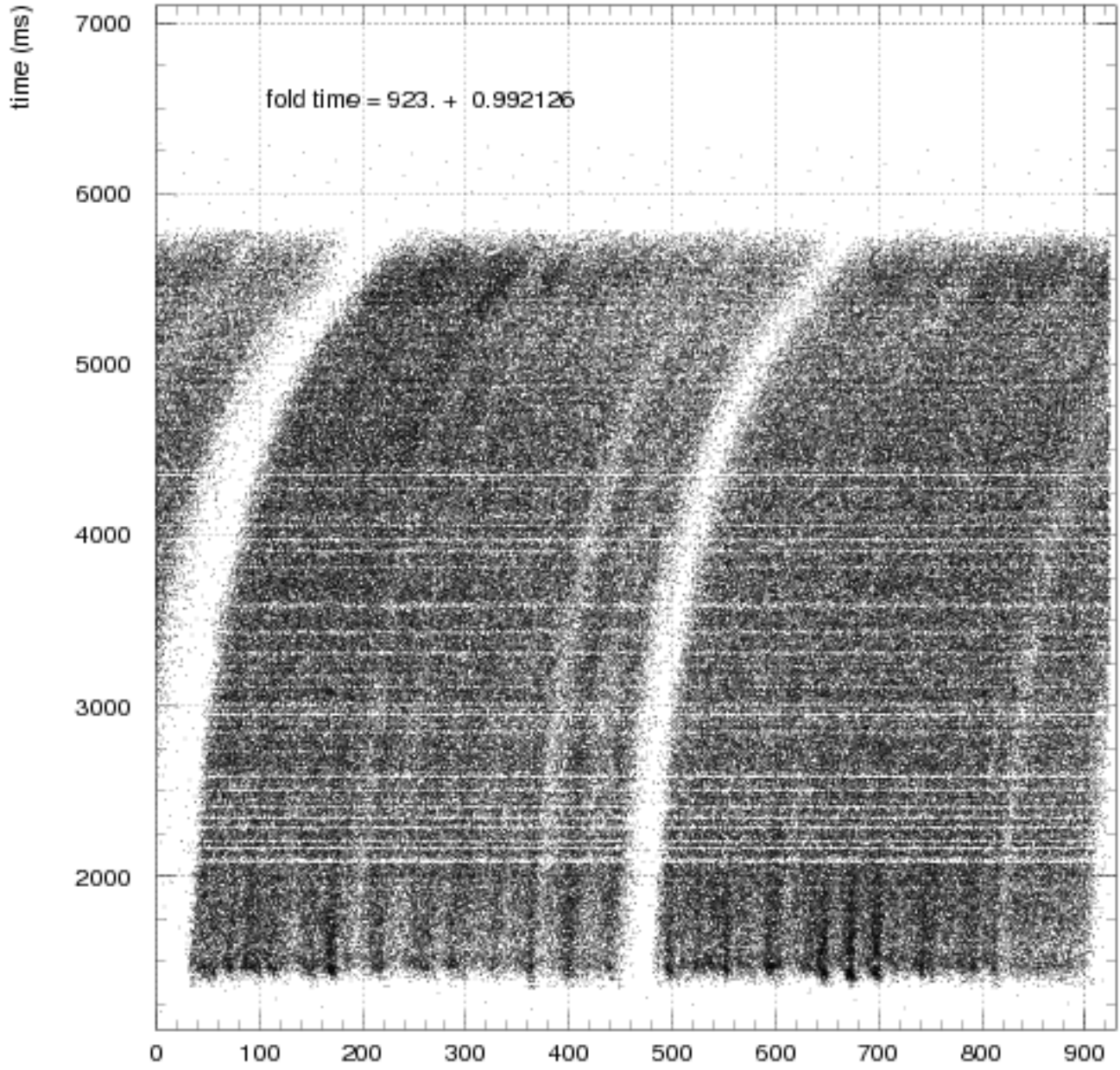


Fig. 2 Folded time/25ns

Cubic-corrected folded time (autocorr.kumac)

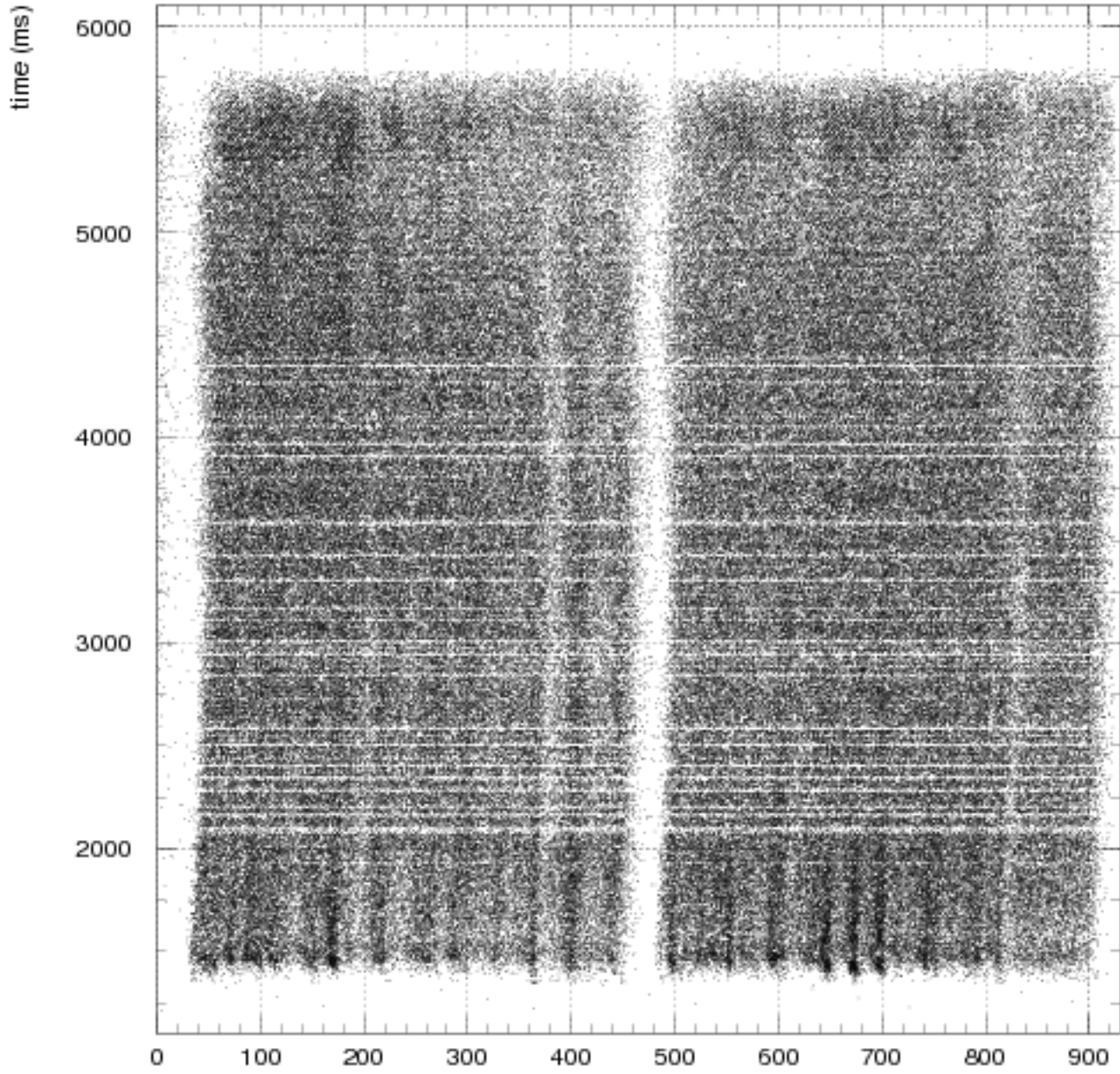


Fig. 3 Corrected folded time/25ns

### Folded Time Distributions

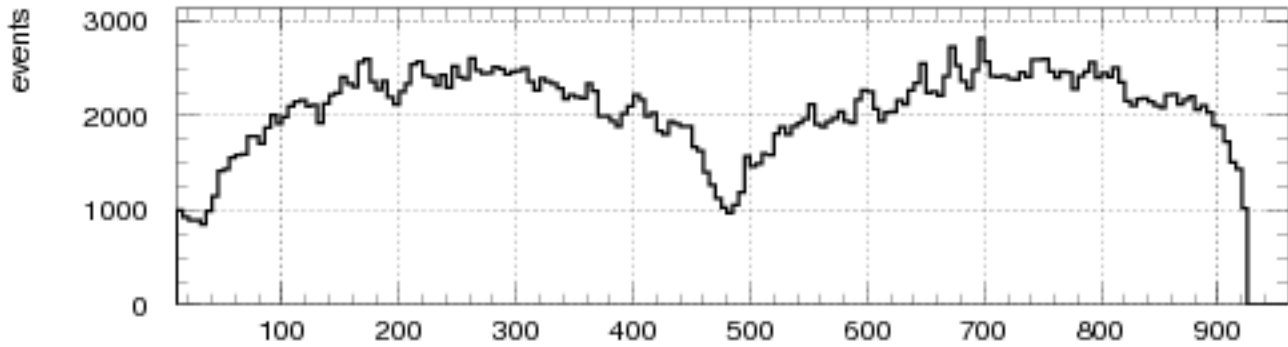


Fig. 4a Uncorrected folded time

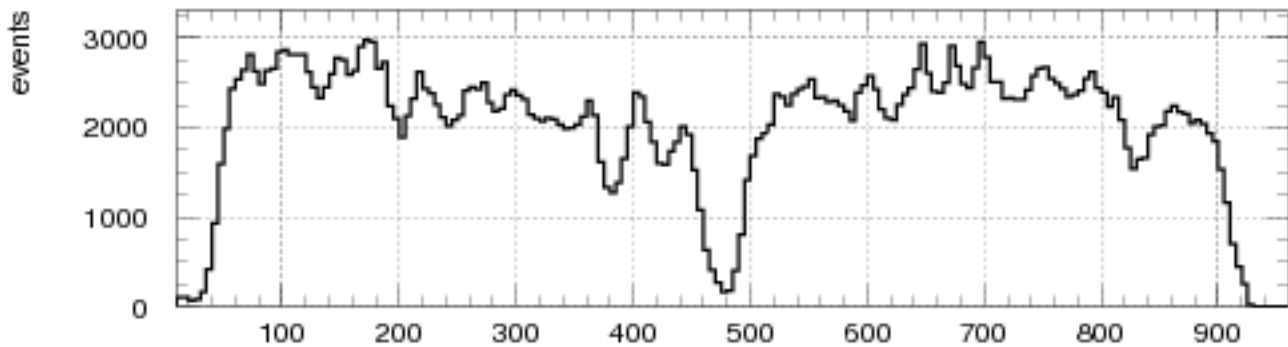


Fig. 4b Corrected folded time

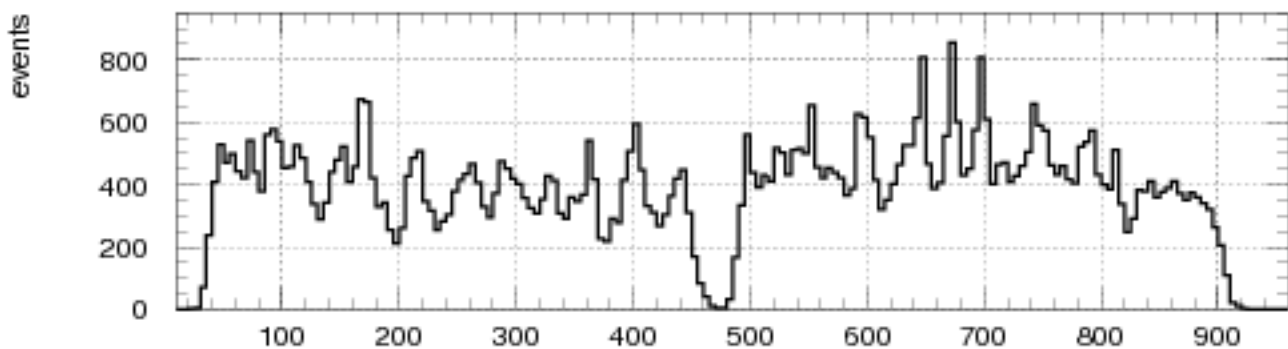


Fig. 4c Uncorrected folded time for 1200-2200 ms spill time

Sample Autocorrelation Coefficient (1.5 - 5.5 secs) il = 1 iphase =150

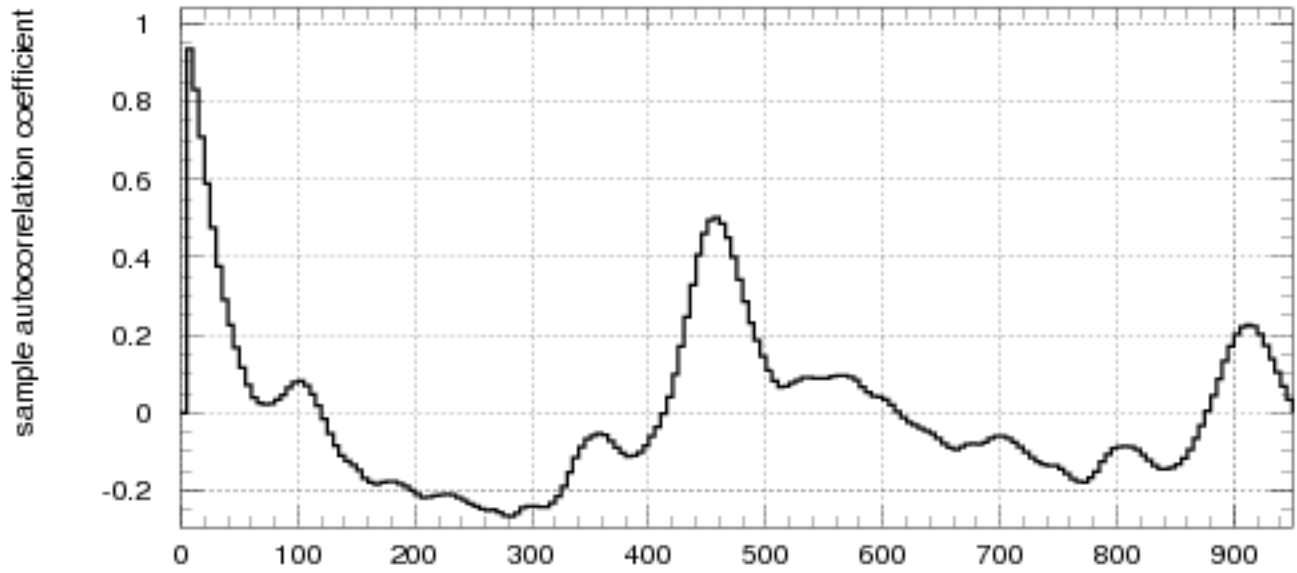


Fig. 5a Time lag (corrected folded time)

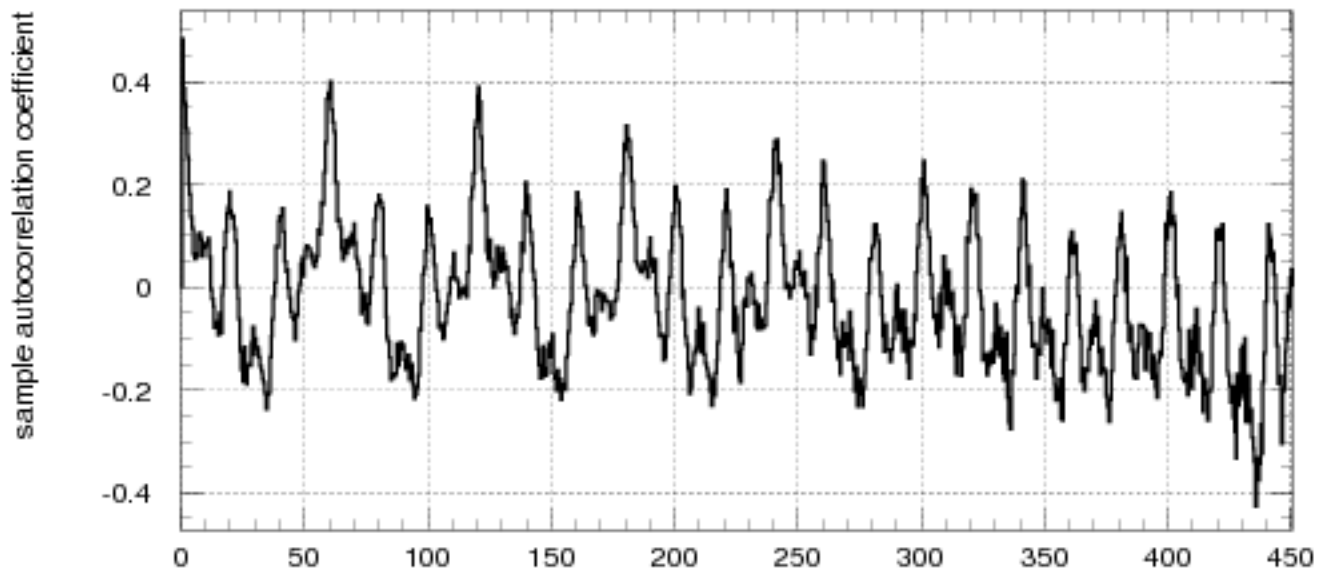


Fig. 5b Time lag (Spill - ms)

### Fourier Transform

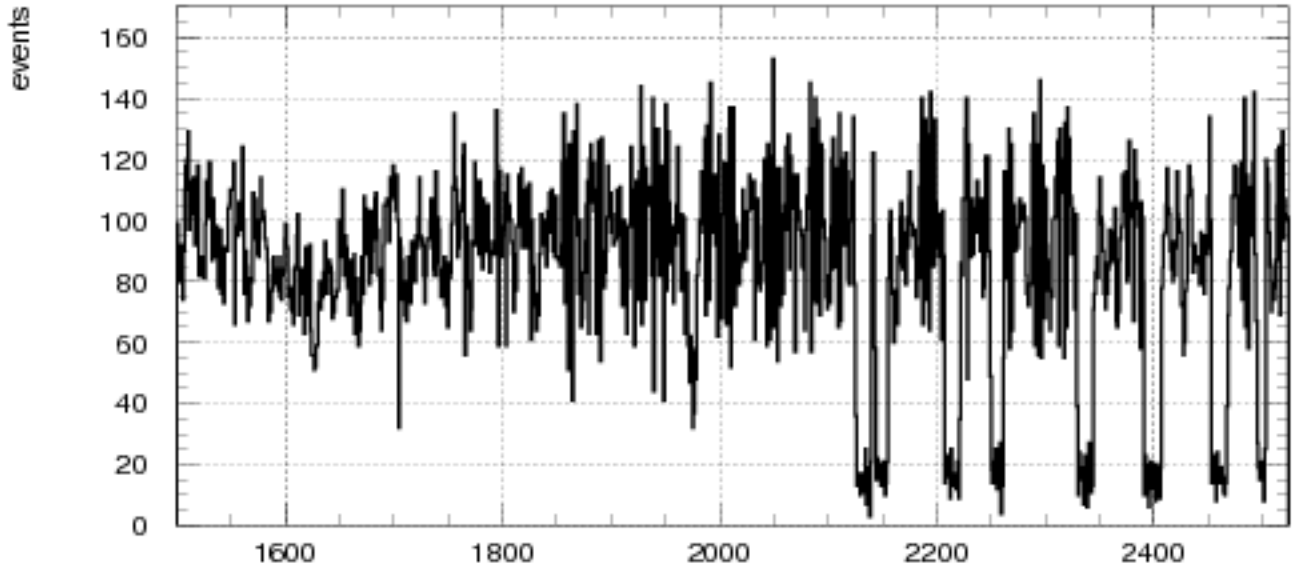


Fig. 6a Time(ms)

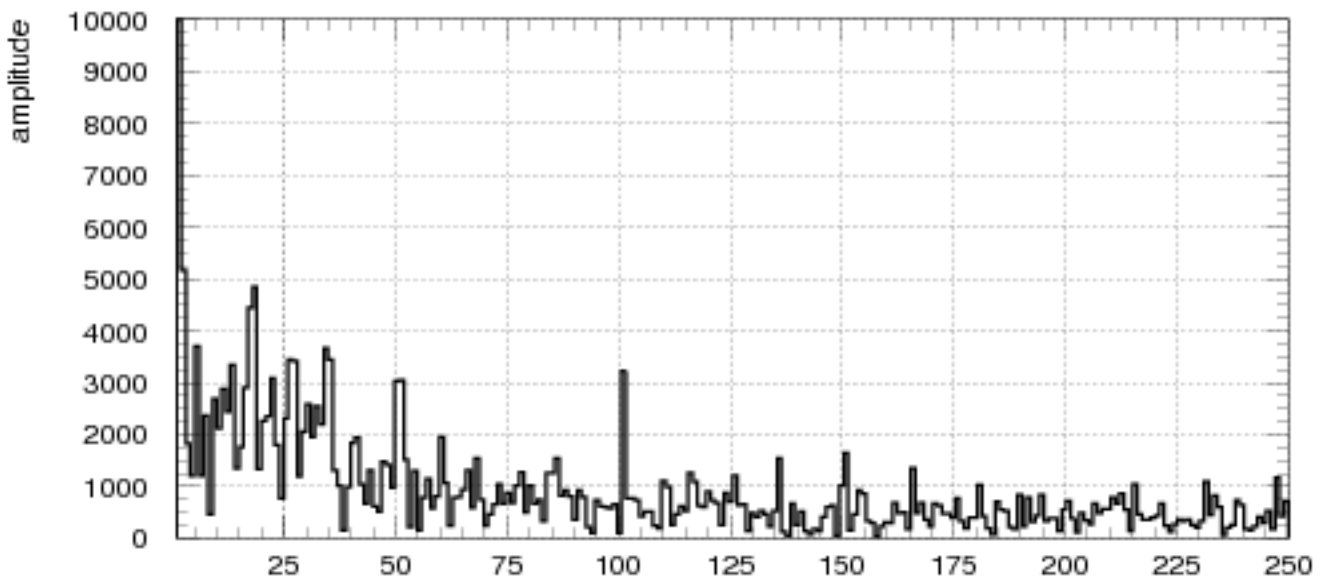


Fig. 6b Frequency(Hz)

### Hurst Rescaled Range

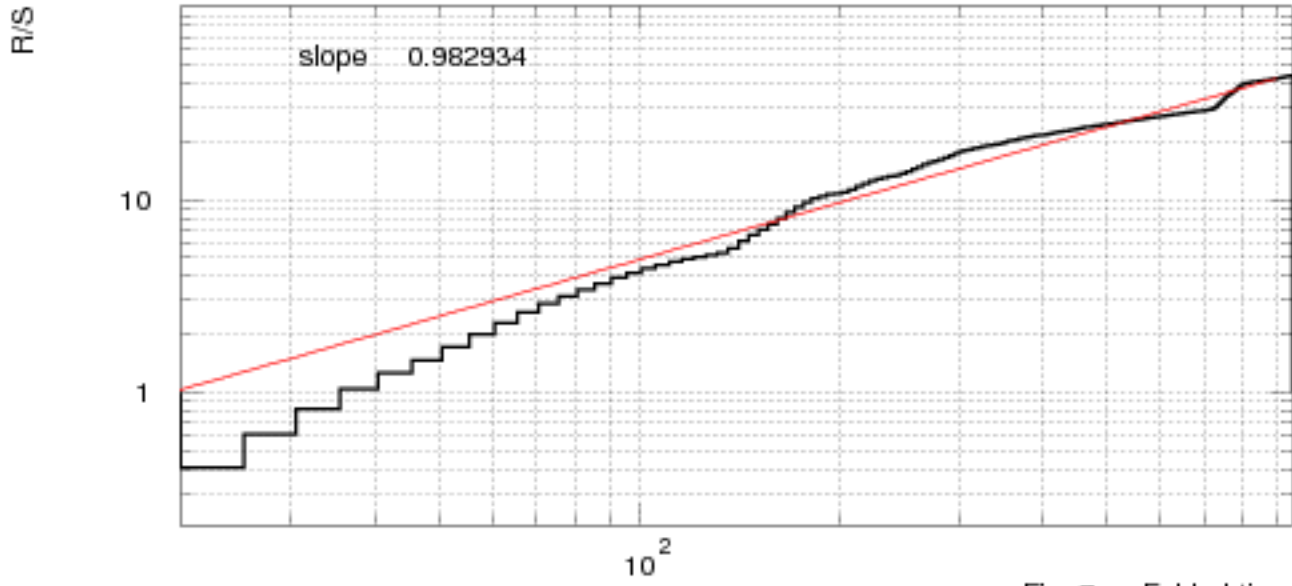


Fig. 7a Folded time

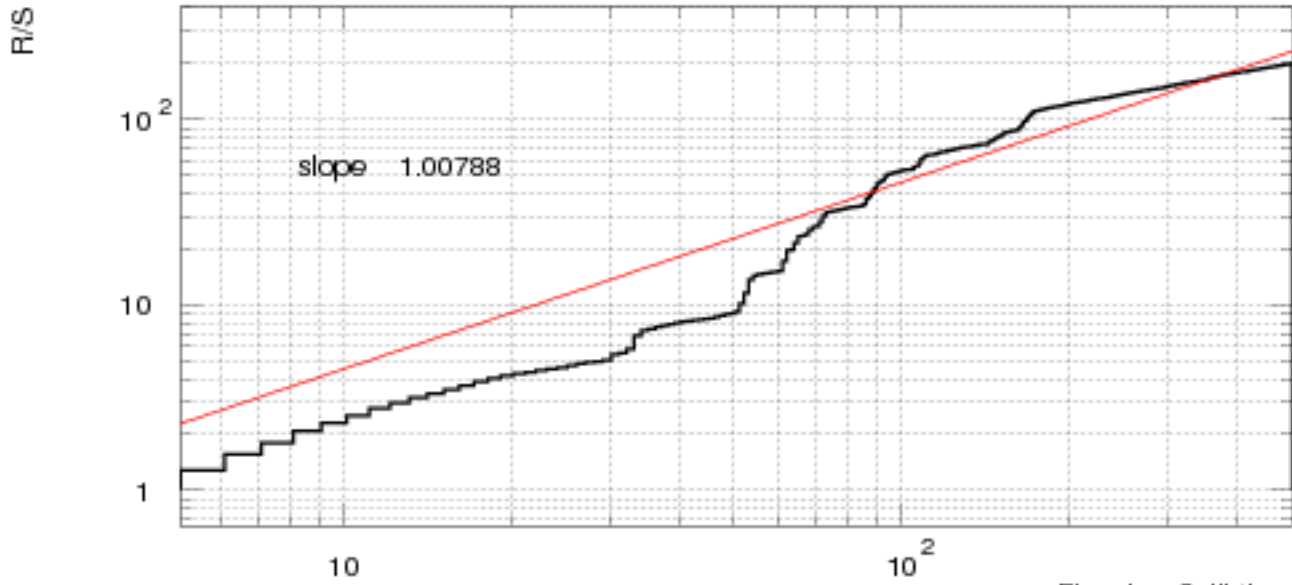


Fig. 7b Spill time



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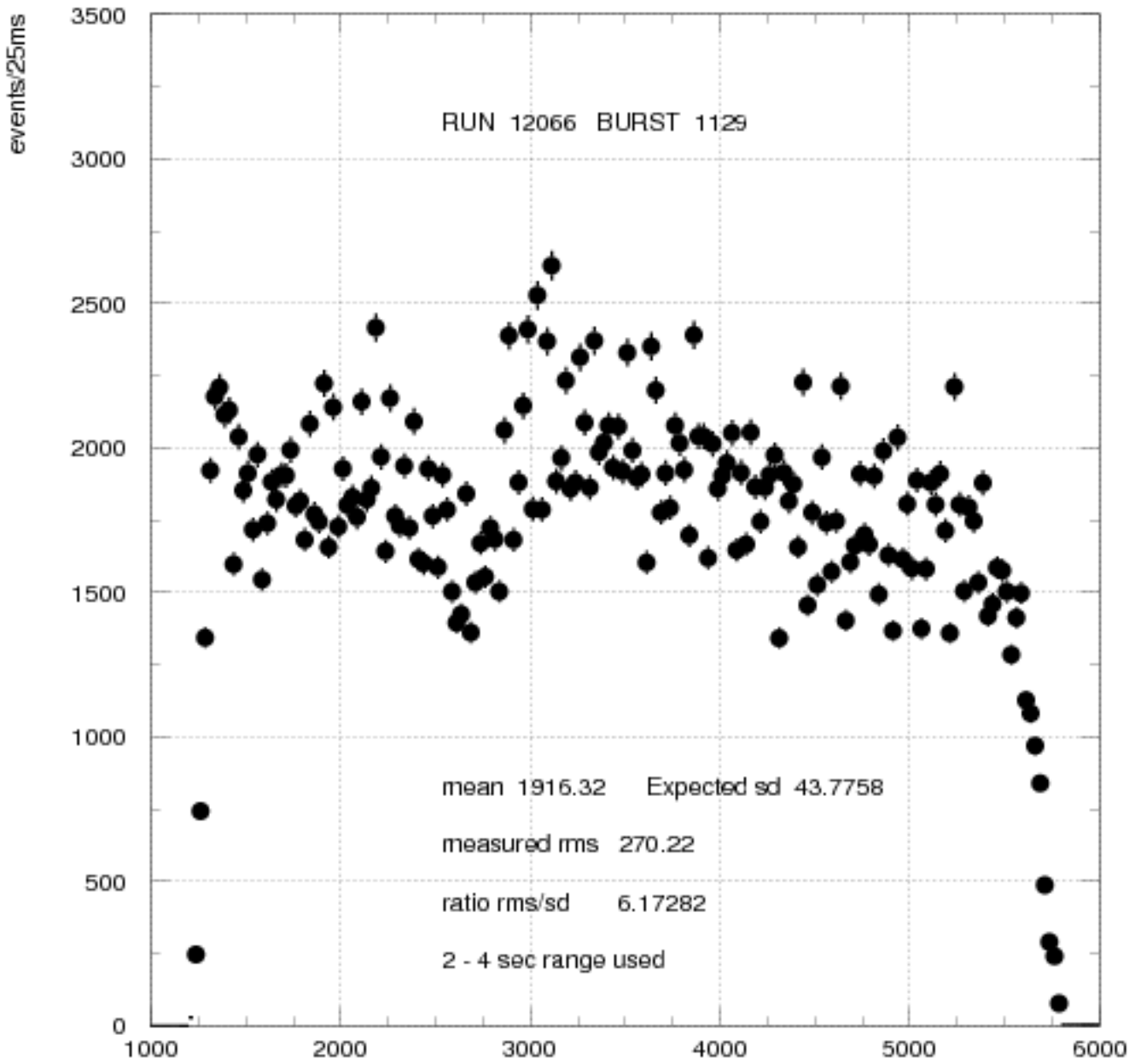


Fig 1. Time (ms)

## Spill statistics

RUN 12066 BURST 1129

Mean	1916.32	SD	270.22
Skewness	0.382559	+/-	0.272166
Kurtosis	2.83229	+/-	0.544331
SD/sqrt(Mean)	6.17282		
Range/SD	4.69617		

Uncorrected folded time (units 25 ns)

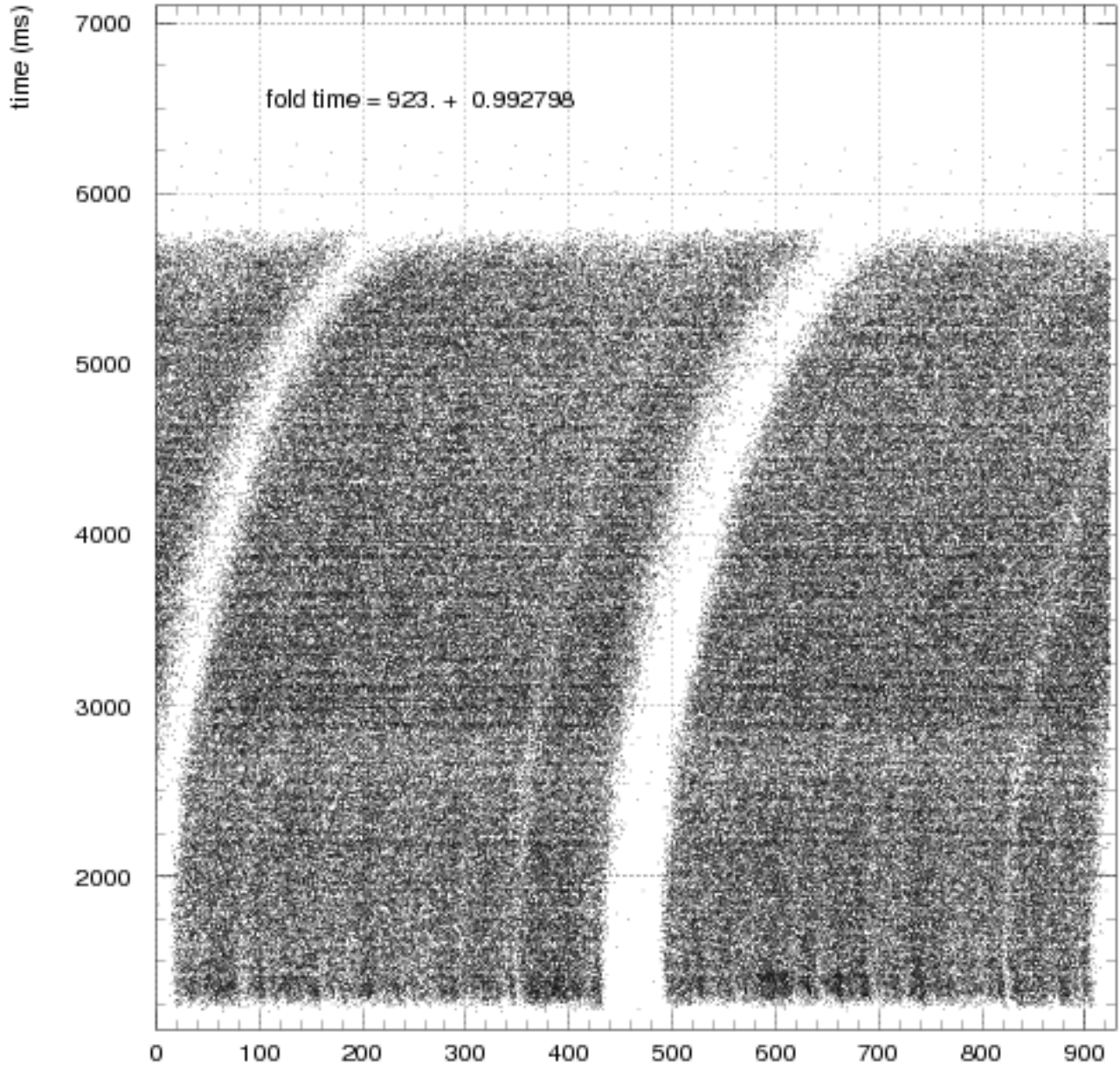


Fig. 2 Folded time/25ns

Cubic-corrected folded time (autocorr.kumac)

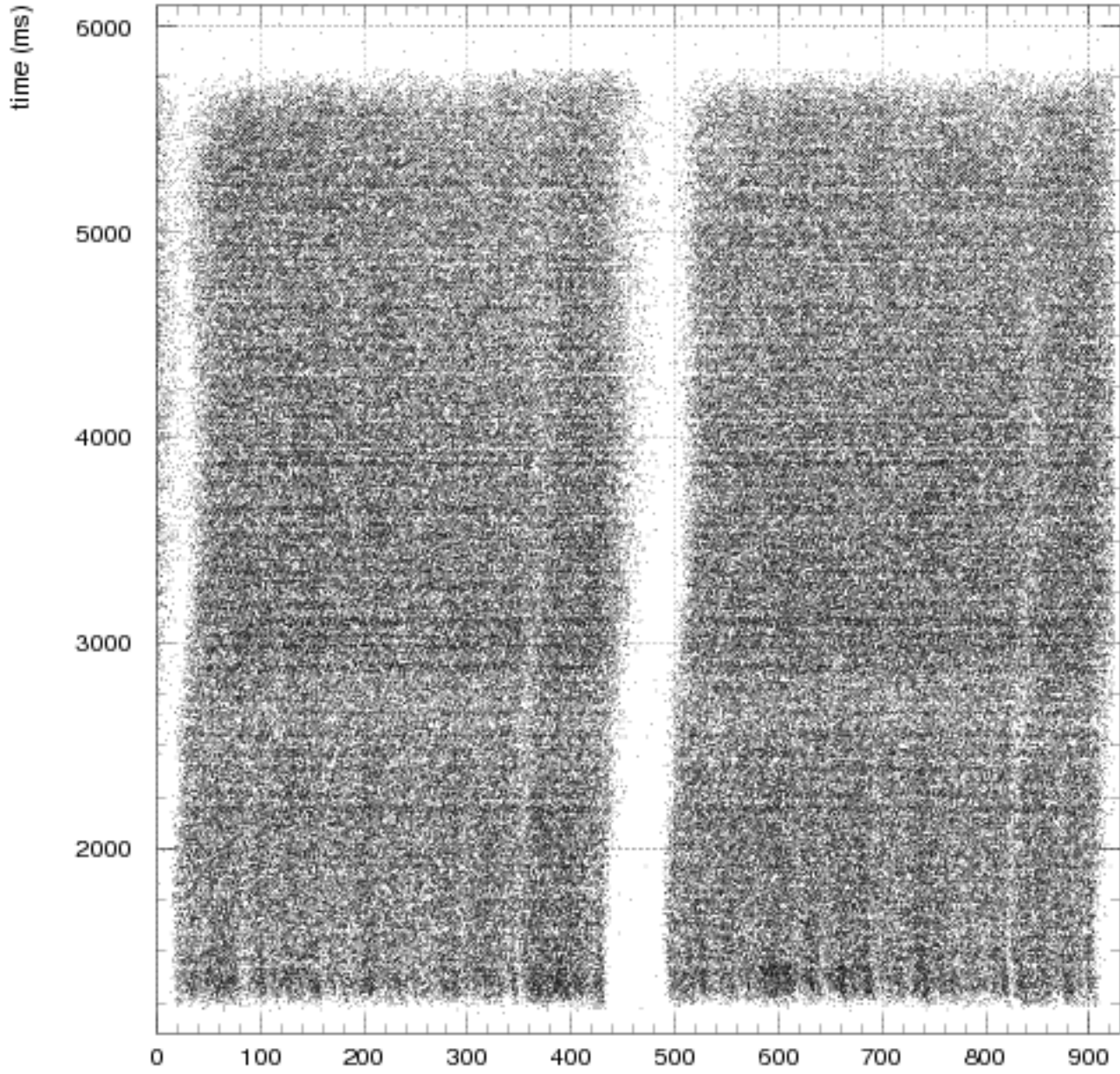


Fig. 3 Corrected folded time/25ns

### Folded Time Distributions

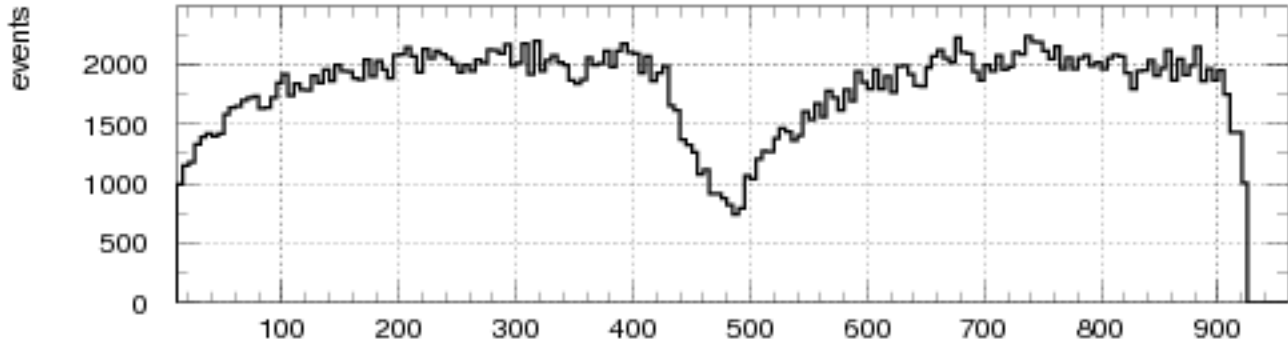


Fig. 4a Uncorrected folded time

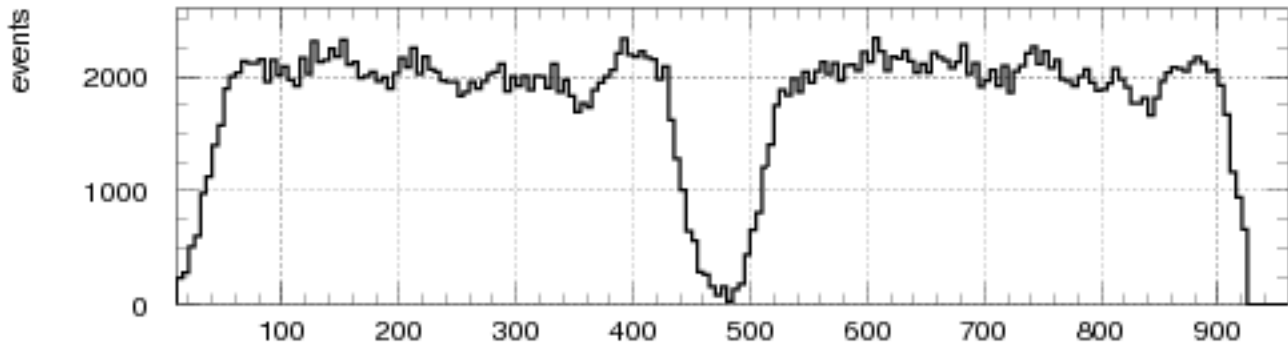


Fig. 4b Corrected folded time

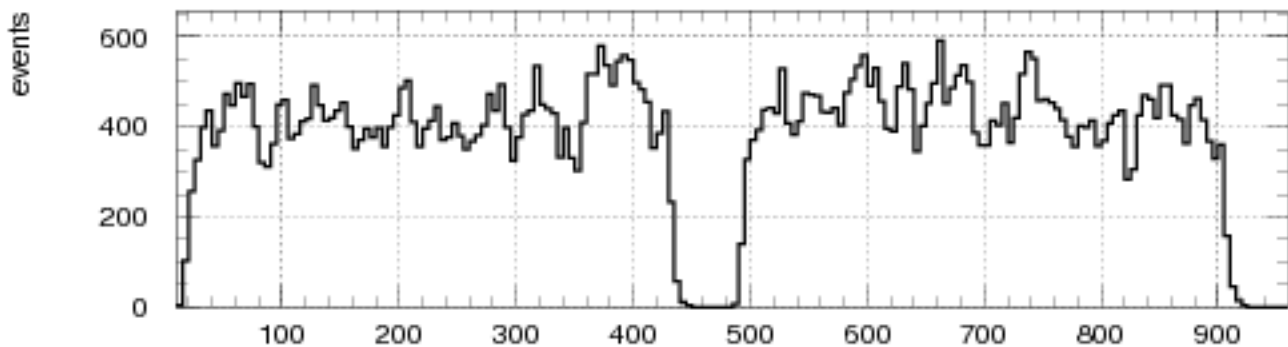


Fig. 4c Uncorrected folded time for 1200-2200 ms spill time

Sample Autocorrelation Coefficient (1.5 - 5.5 secs) il = 1 iphase =150

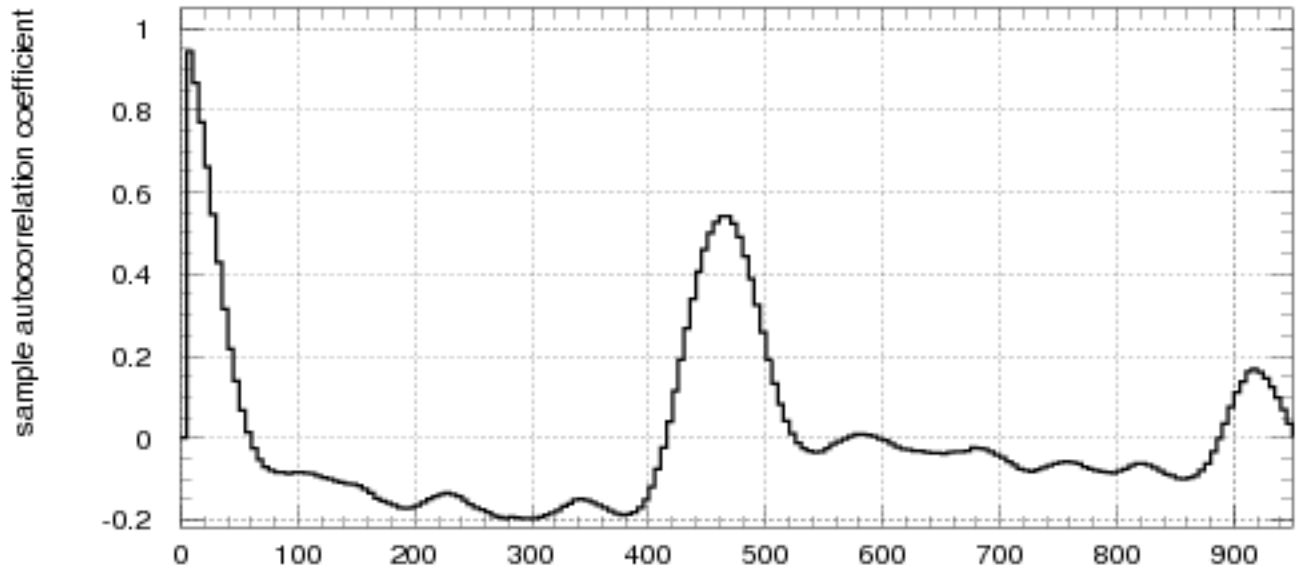


Fig. 5a Time lag (corrected folded time)

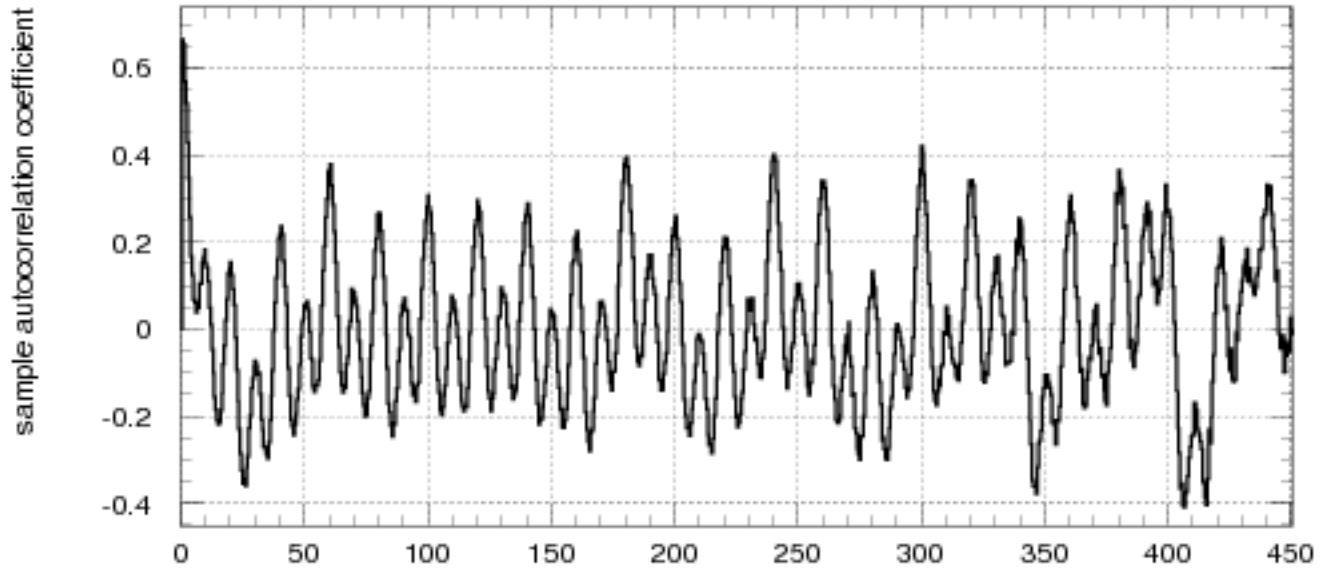


Fig. 5b Time lag (Spill - ms )

### Fourier Transform

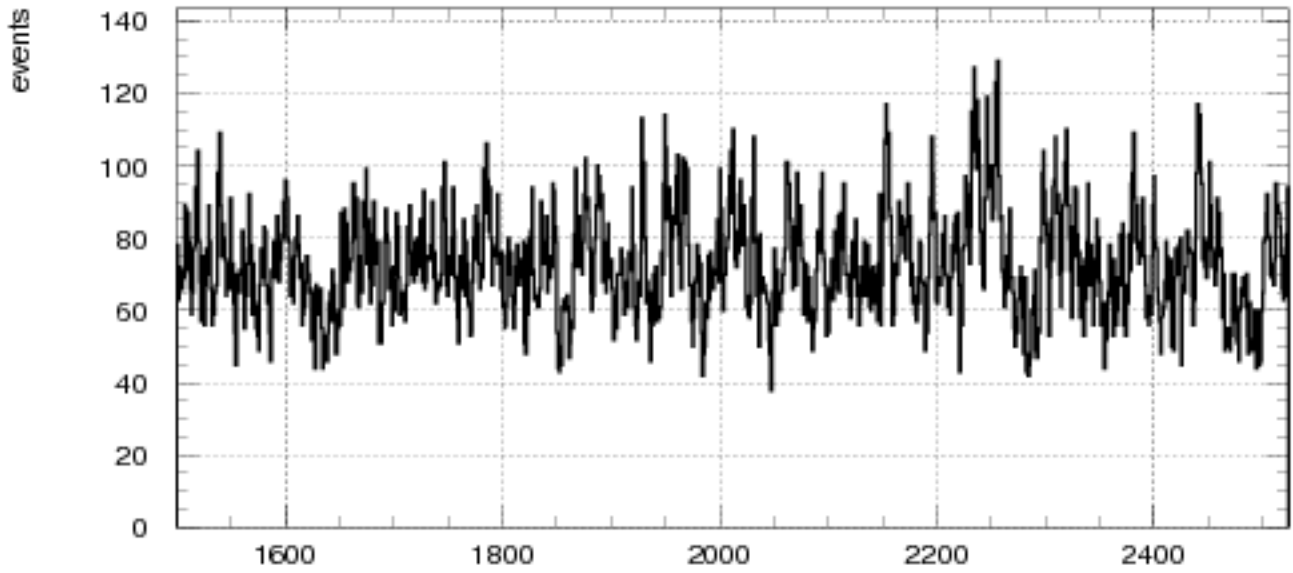


Fig. 6a Time(ms)

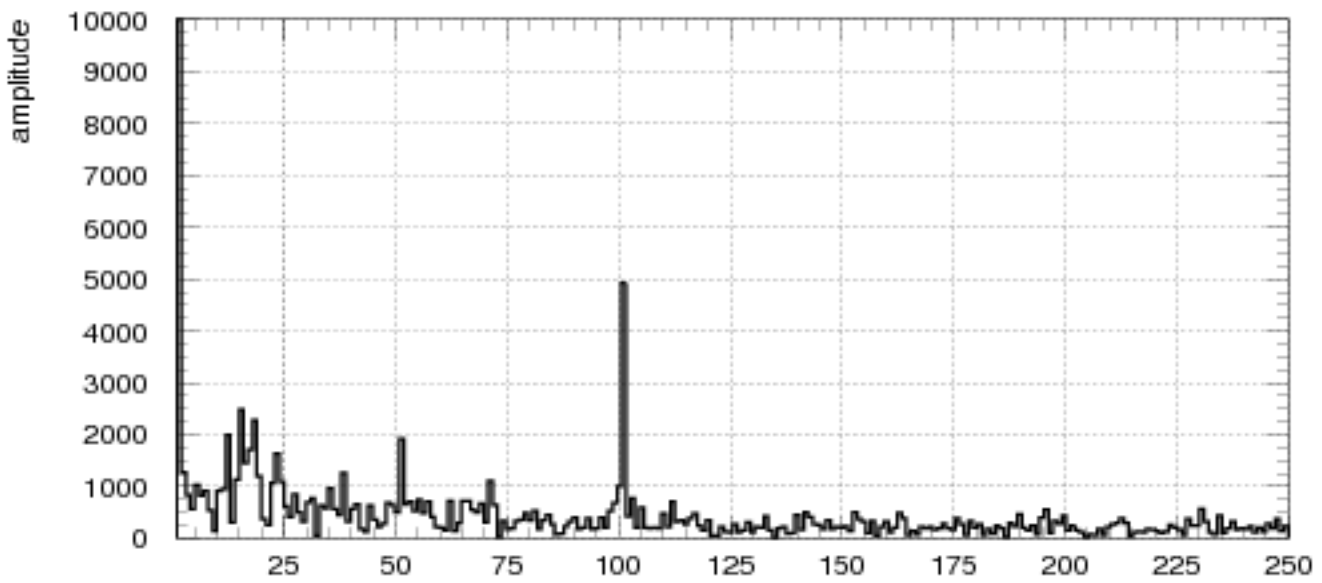


Fig. 6b Frequency(Hz)

### Hurst Rescaled Range

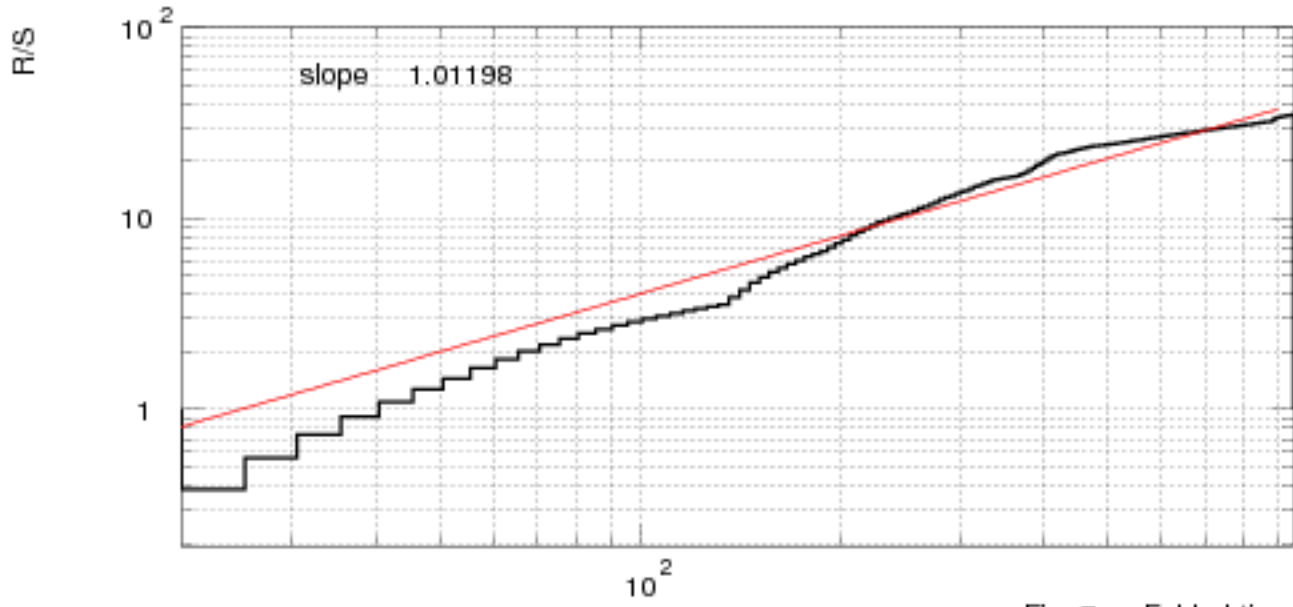


Fig. 7a Folded time

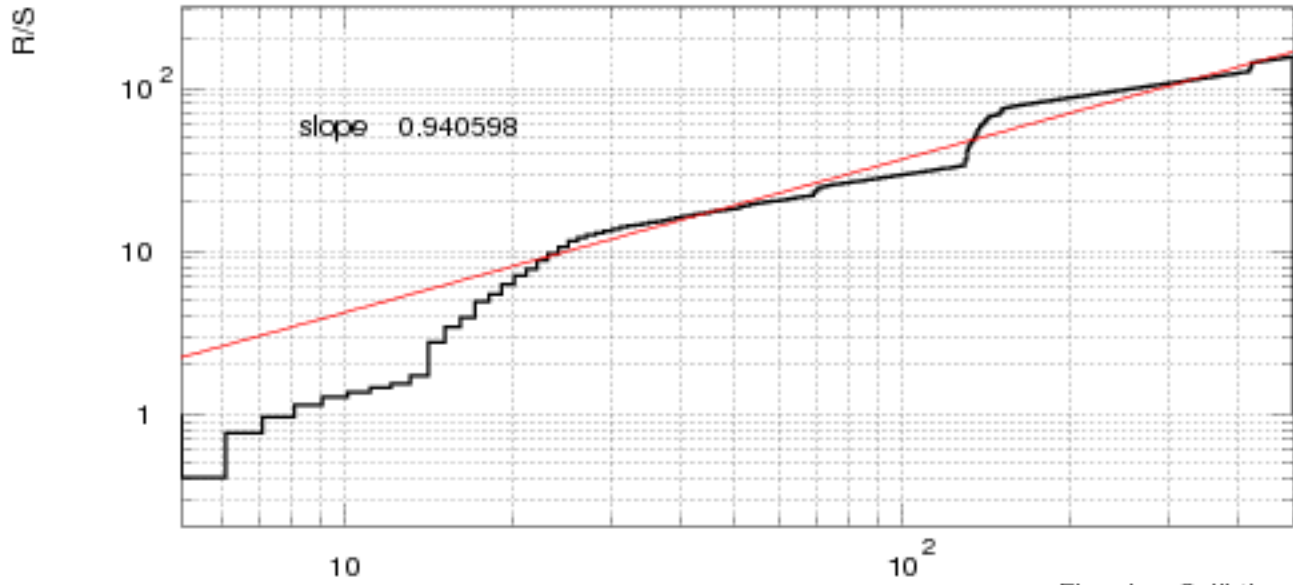


Fig. 7b Spill time