

BQI mean, rms, SDF etc runs 14201 - 14212

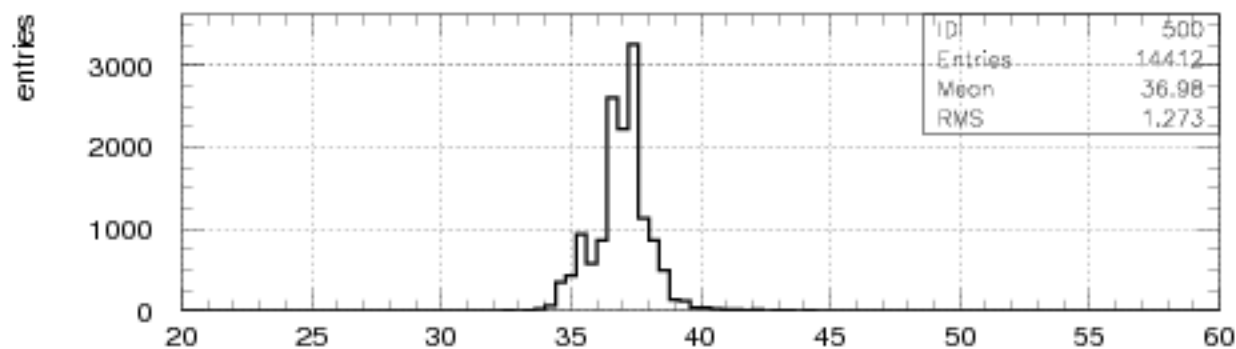


Fig. 1a mean

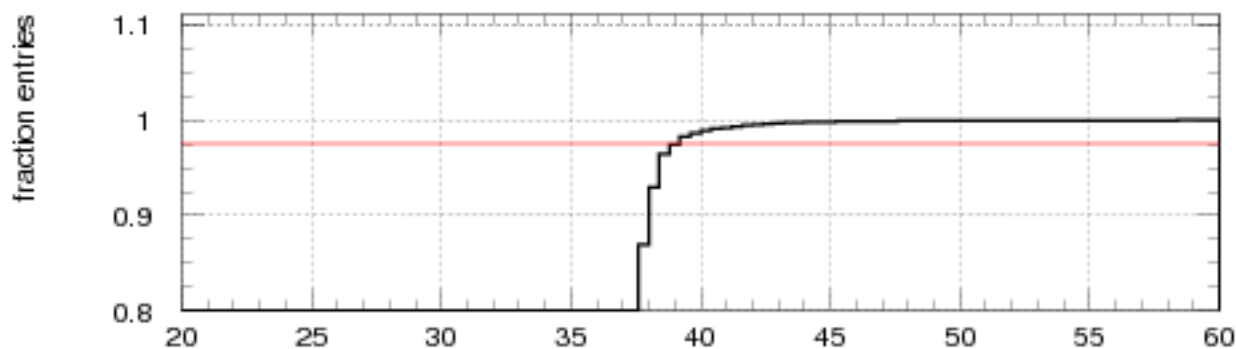


Fig. 1b mean

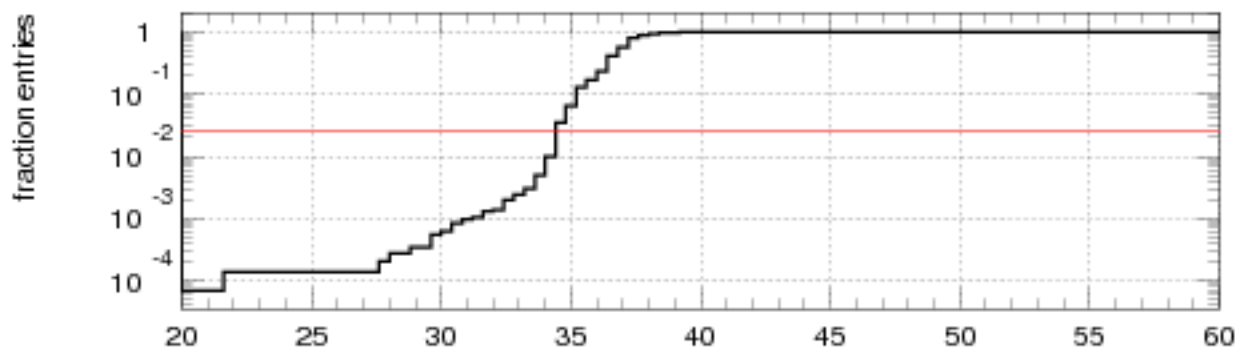
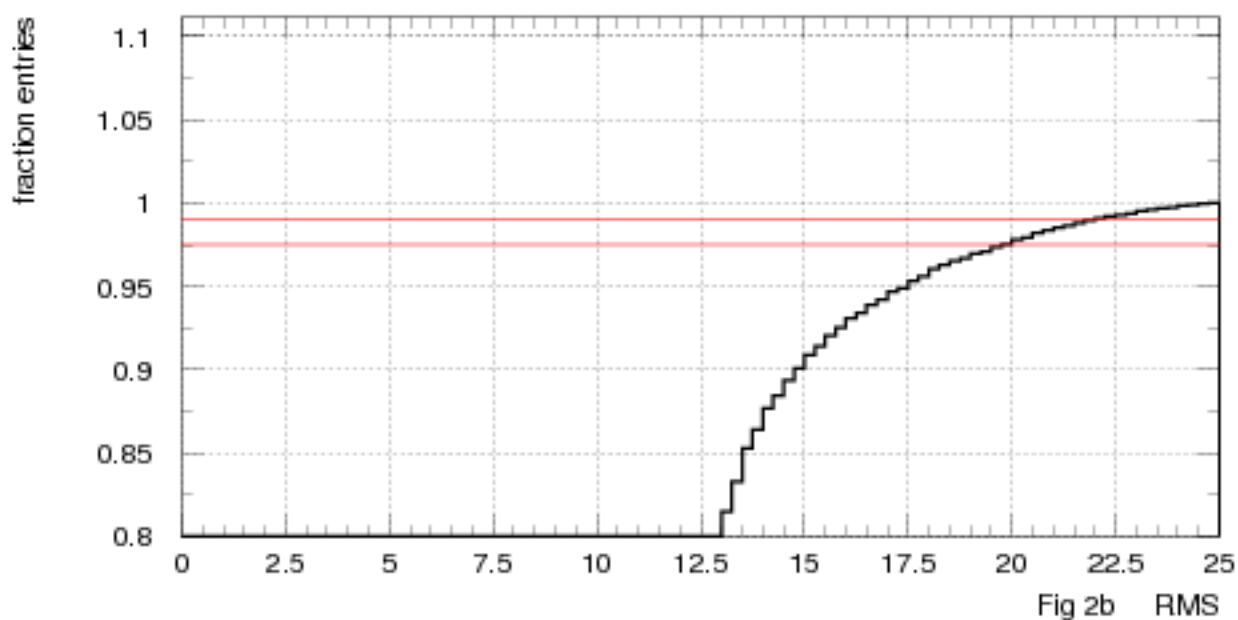
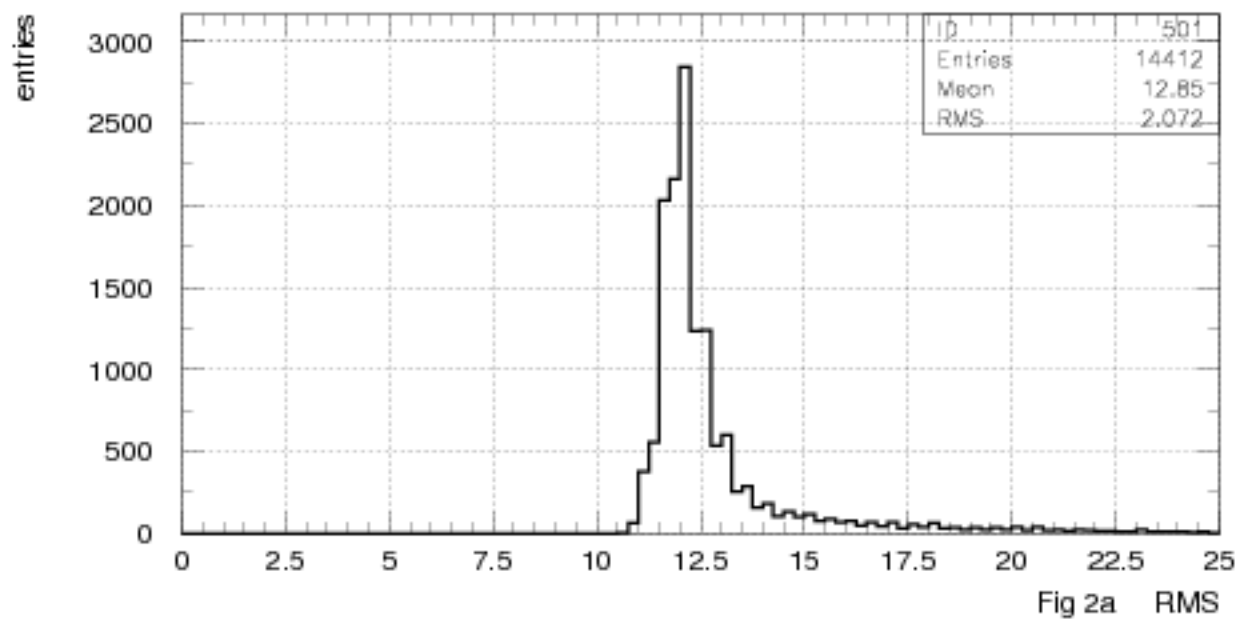


Fig. 1c mean

BQI mean, rms, SDF etc runs 14201 - 14212



BQI mean, rms, SDF etc runs 14201 - 14212

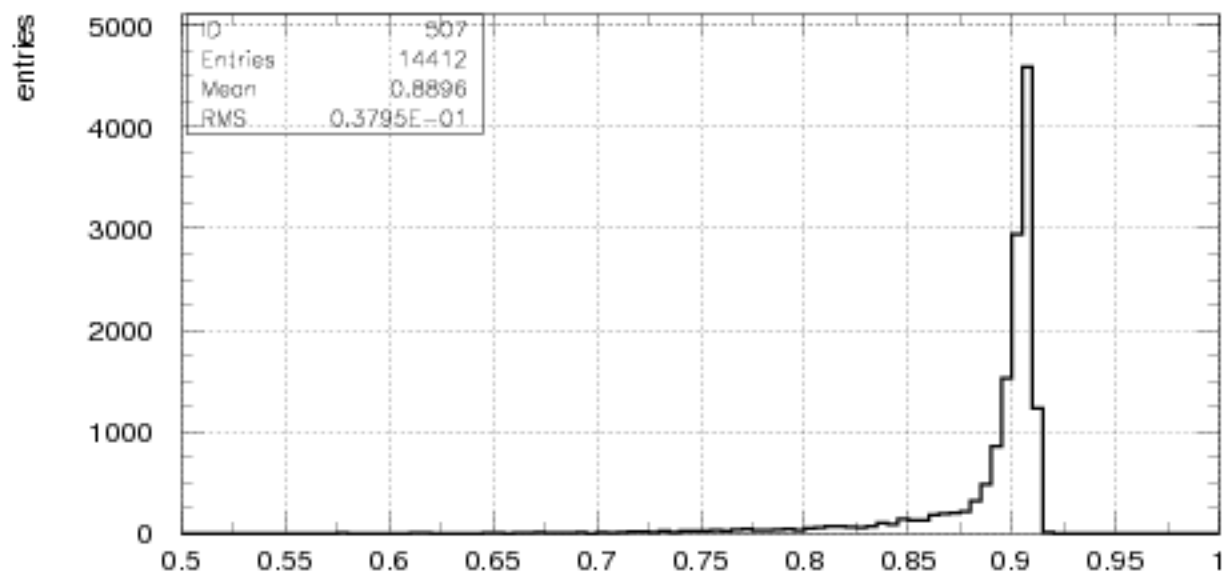


Fig. 3a SDF

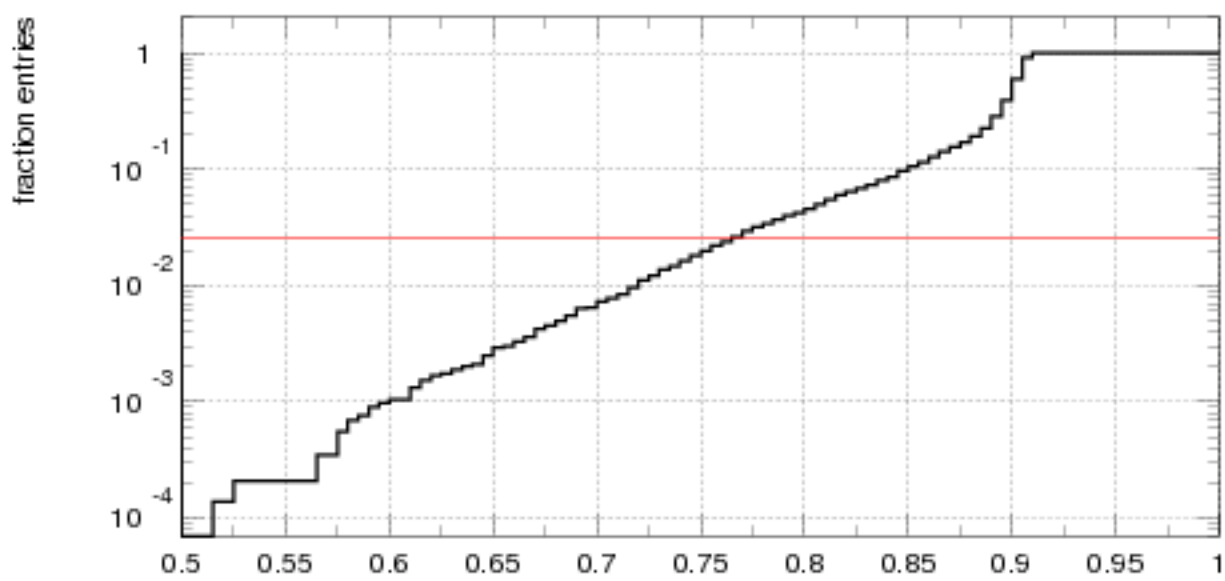


Fig. 3b SDF

BQI mean, rms, SDF etc runs 14201 - 14212

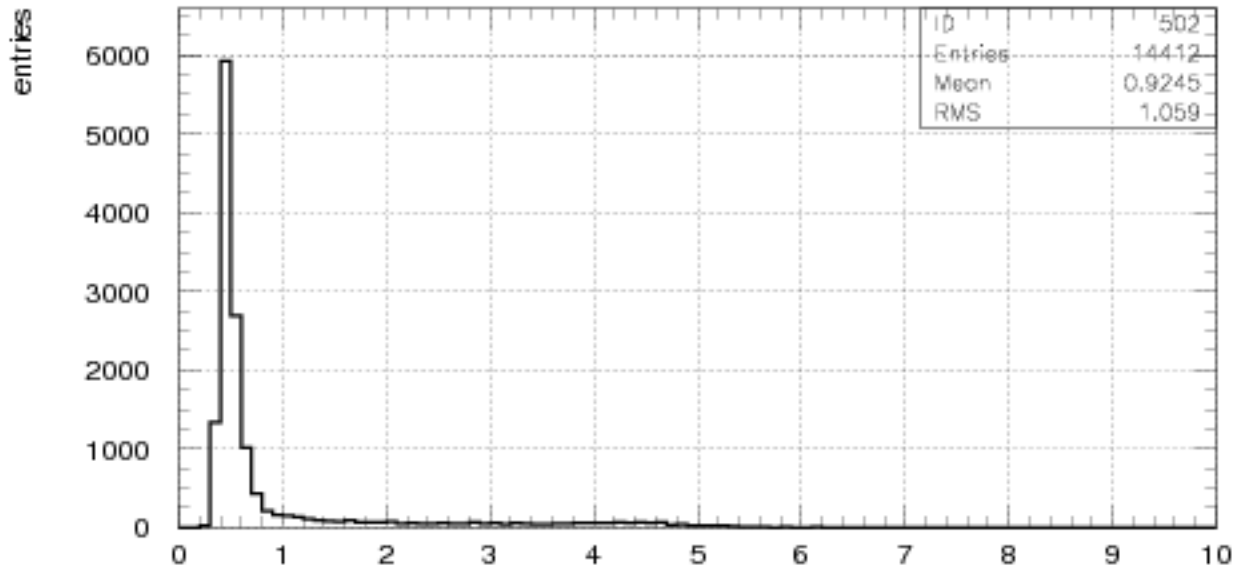


Fig. 4a skewness

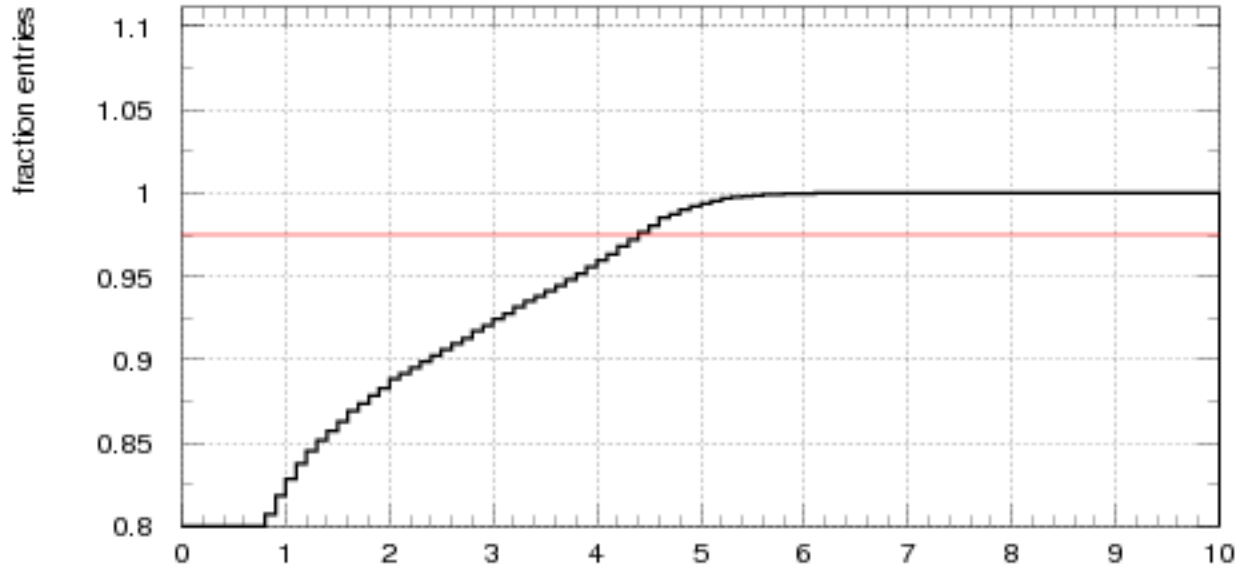


Fig. 4b skewness

BQI mean, rms, SDF etc runs 14201 - 14212

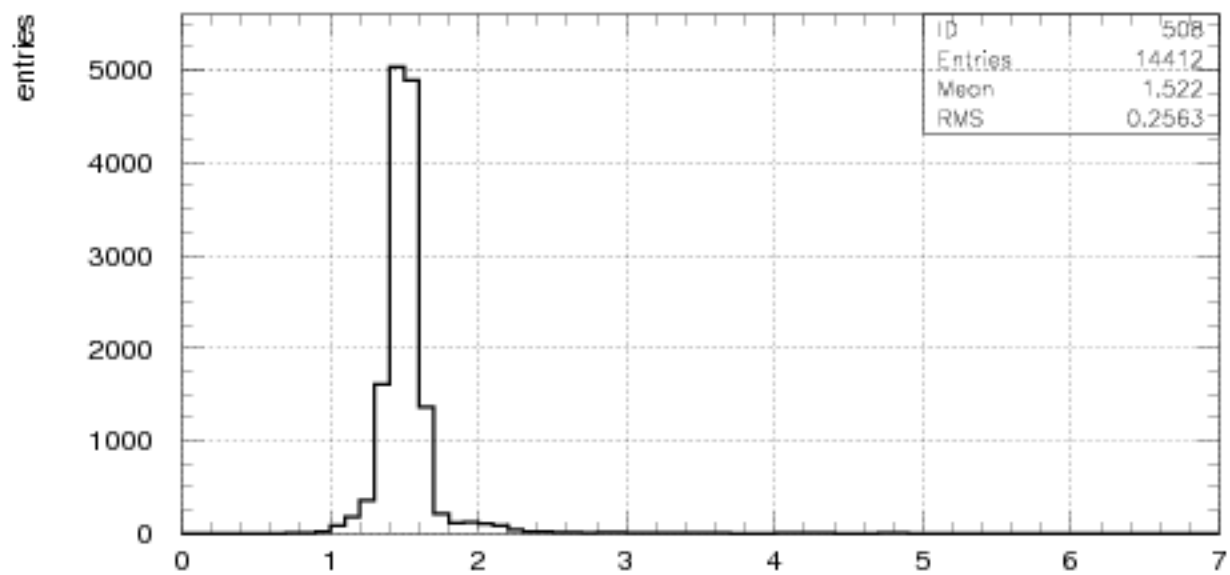


Fig. 5a Cren factor

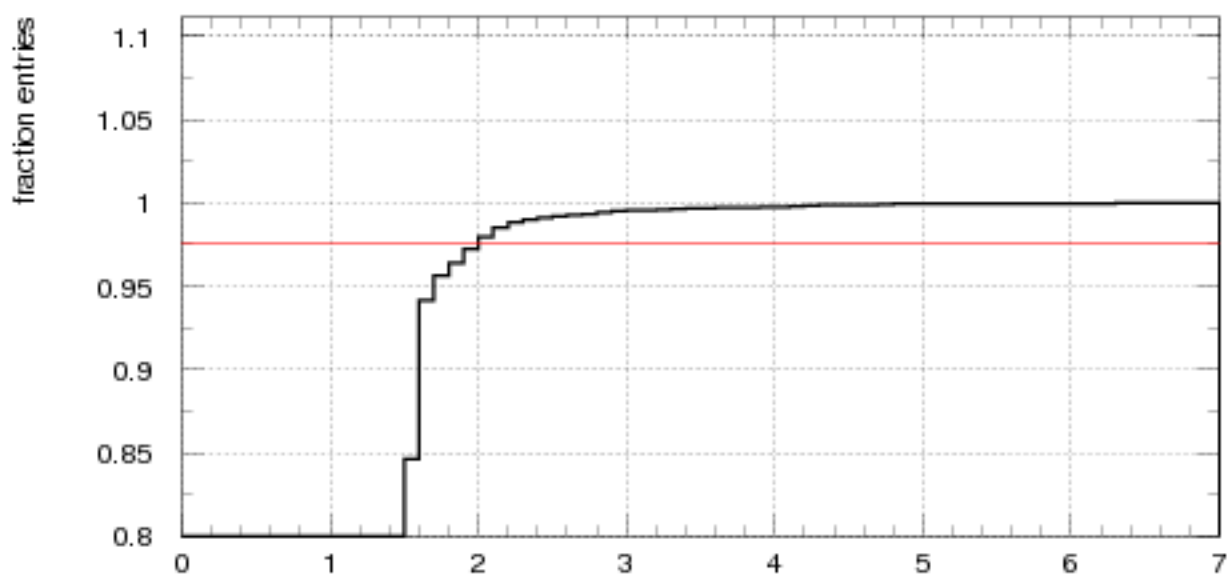
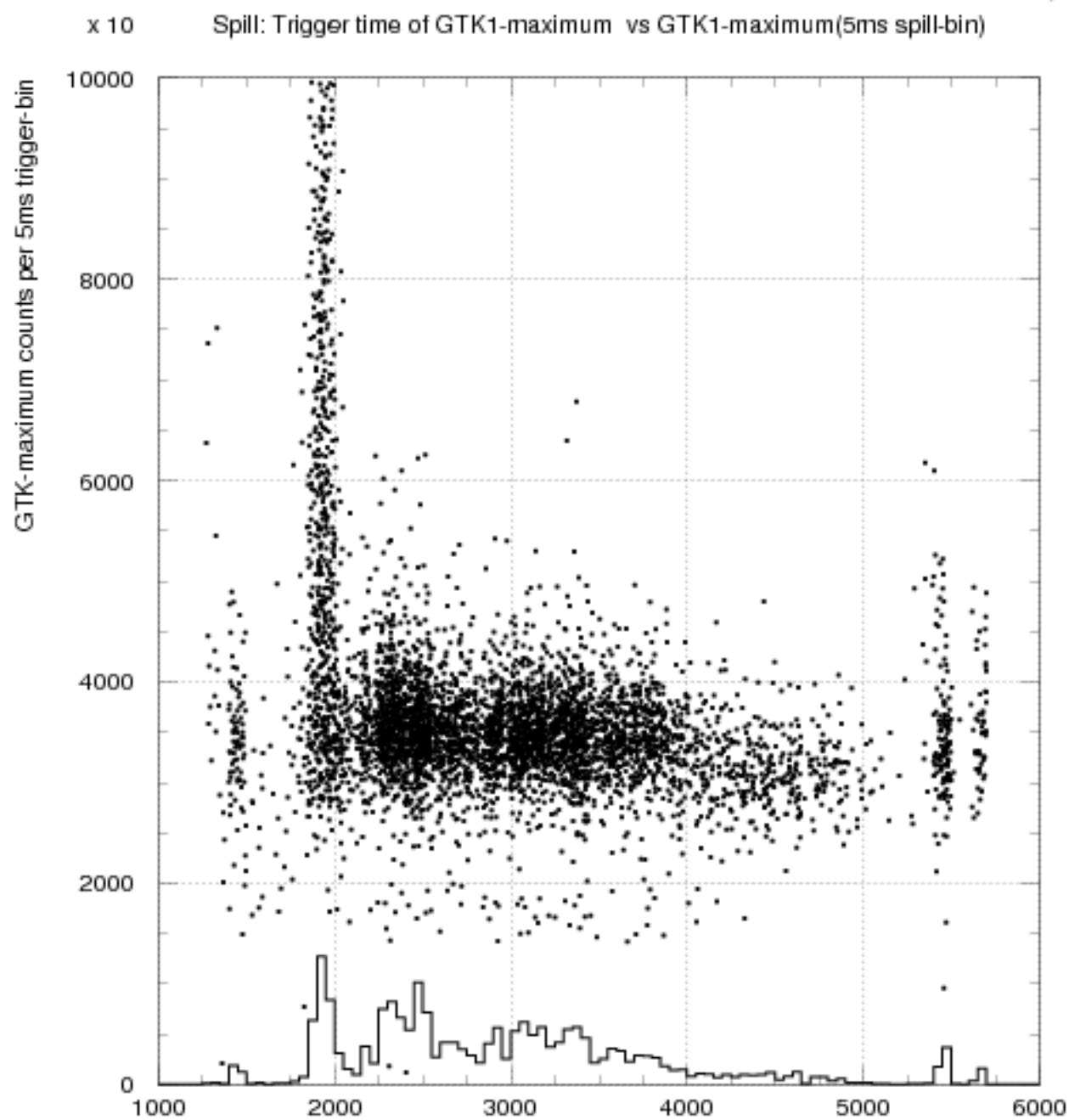


Fig 5b cren



correlations

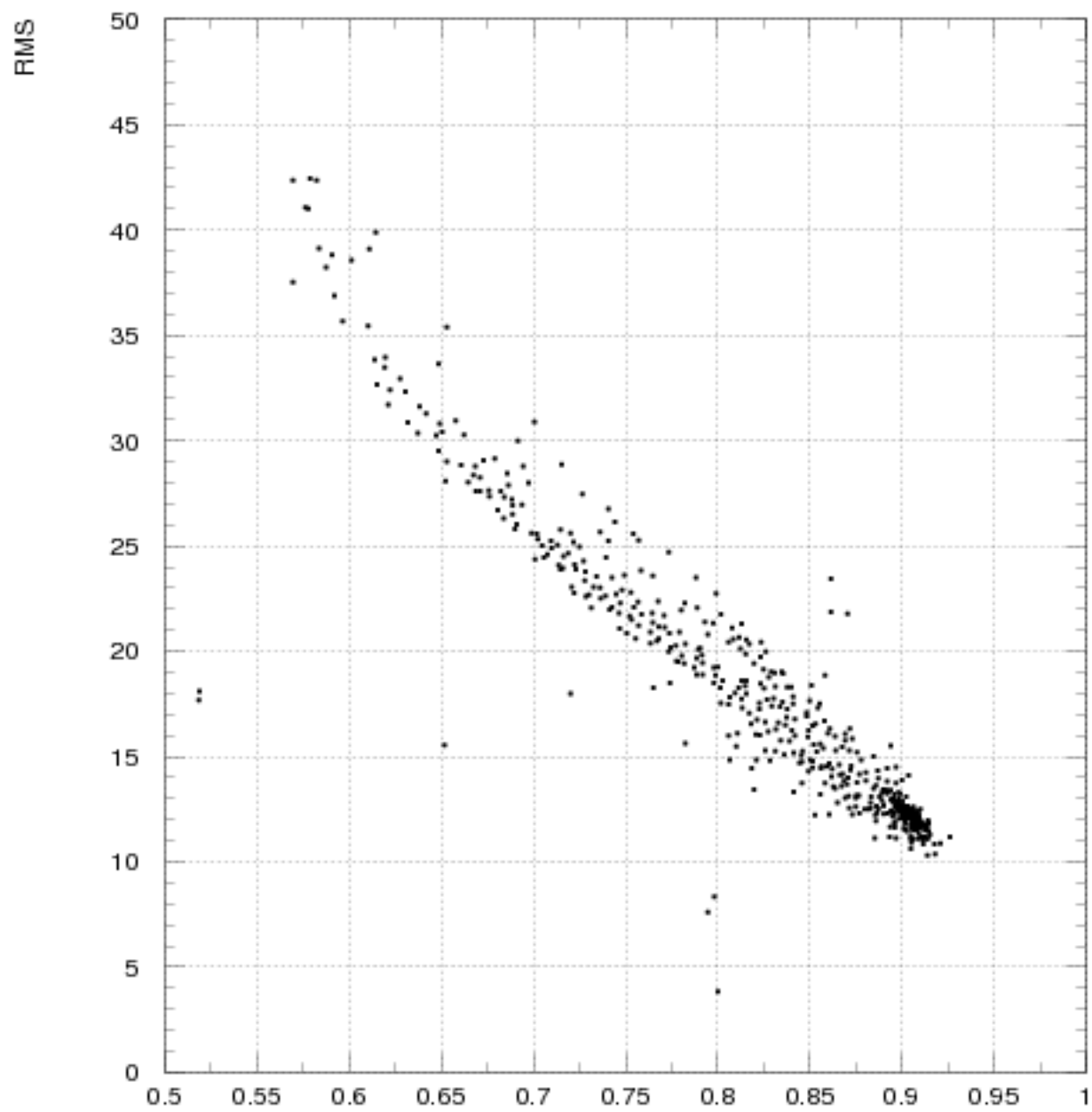


Fig. 7a SDF

correlations

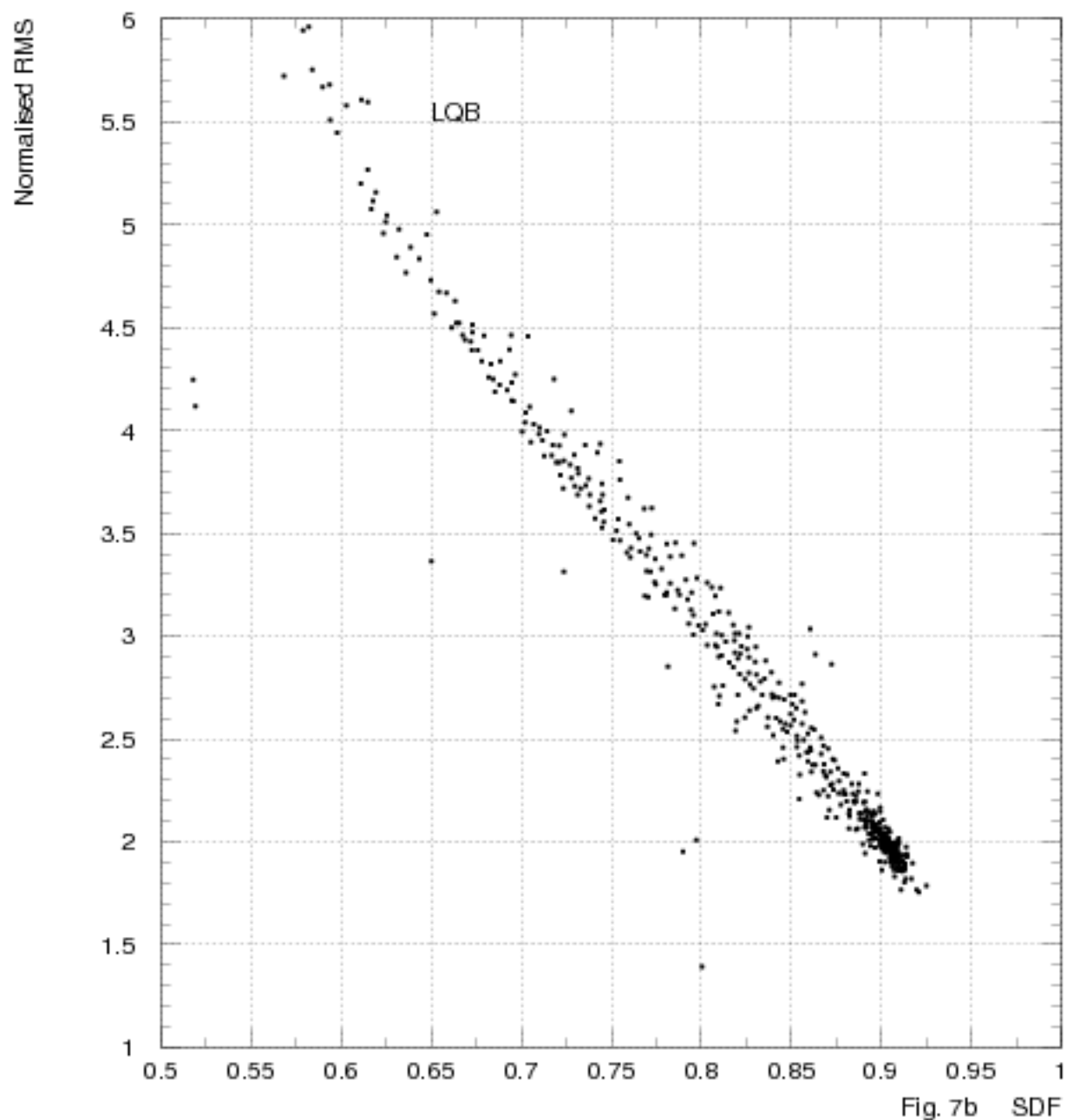
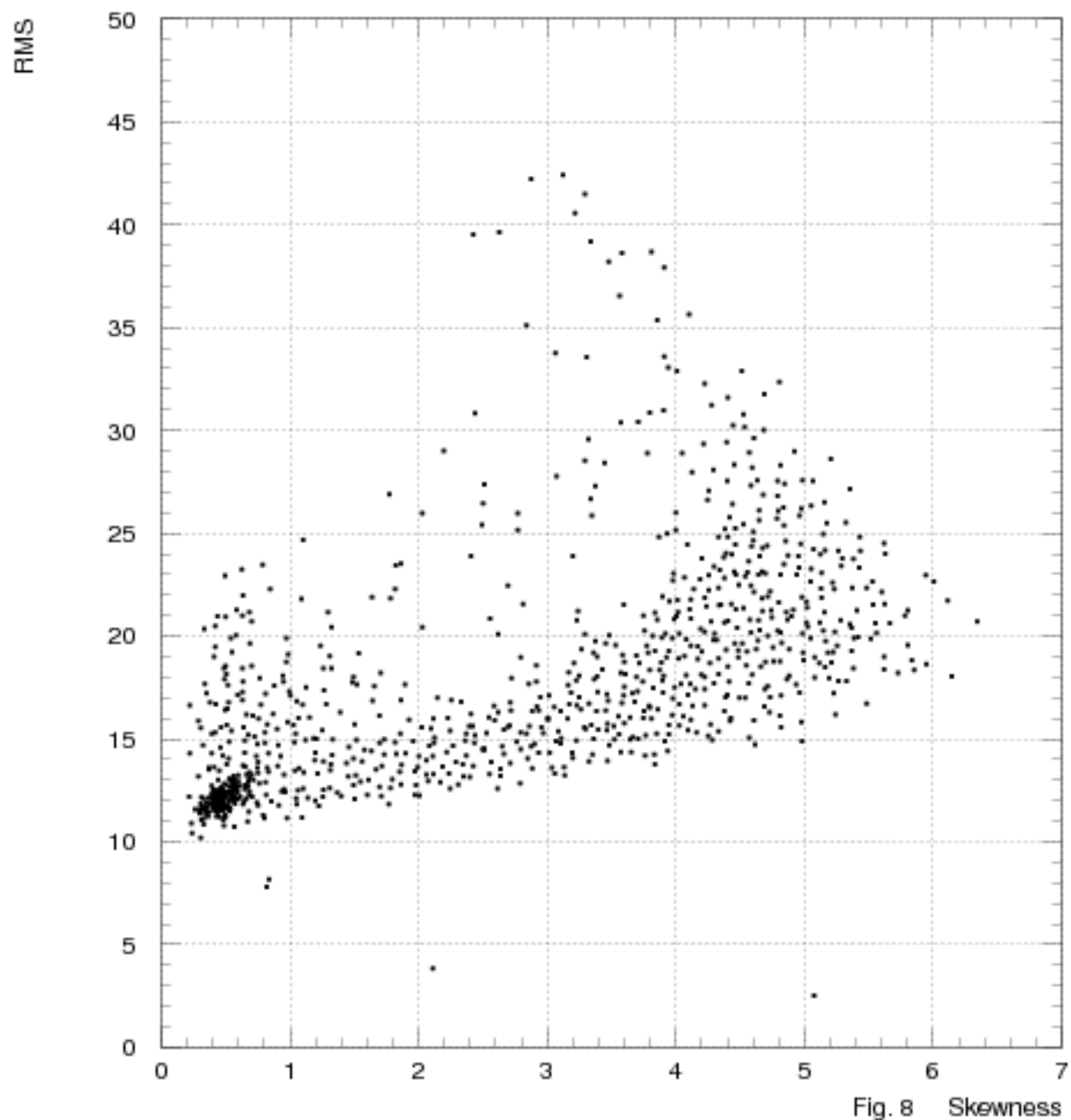
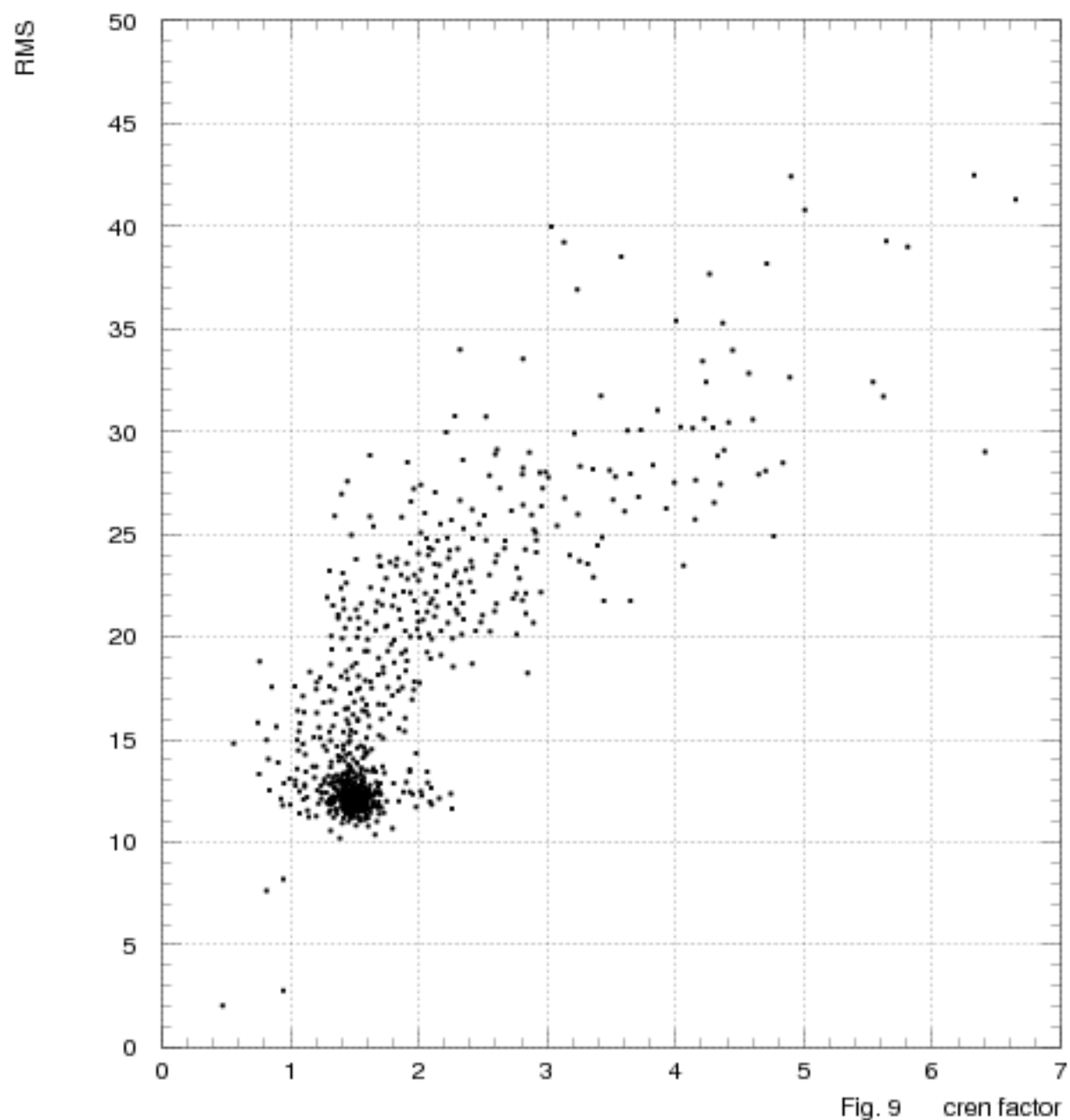


Fig. 7b SDF

correlations



correlations



spill distributions

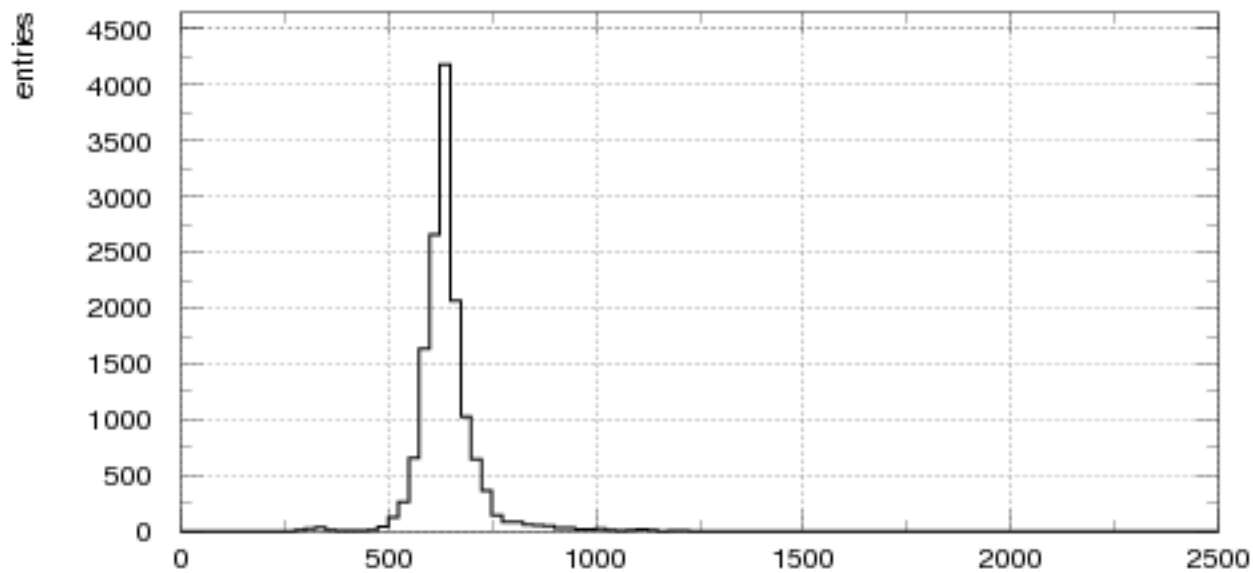


Fig. 10 spill maximum (5 ms bins)

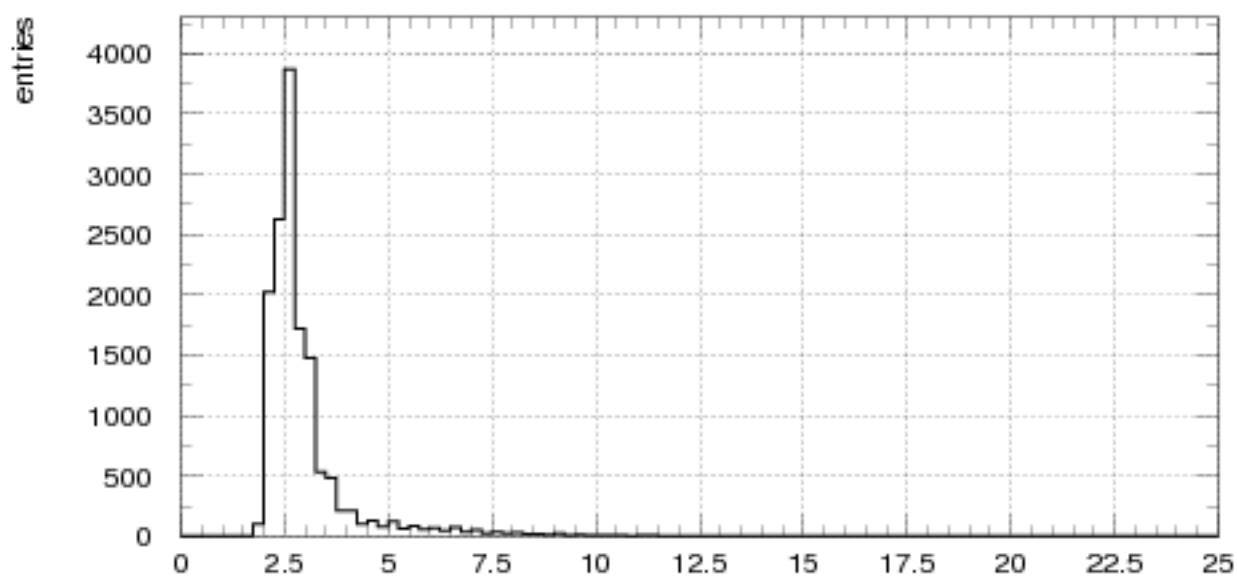


Fig. 11 tile max/tile mean

spill distributions

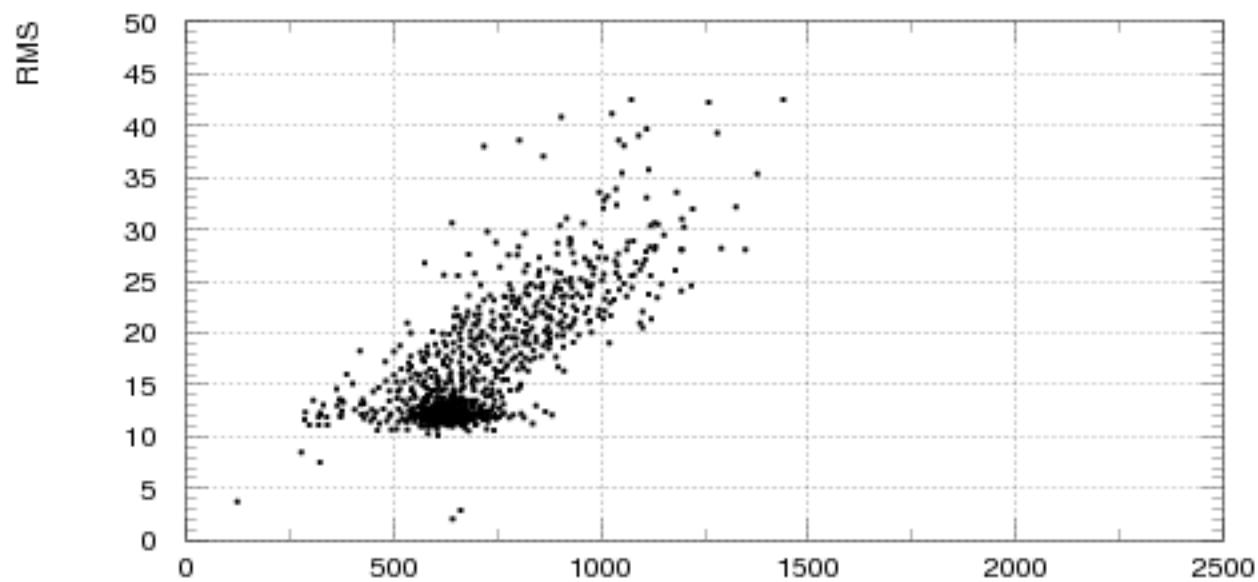


Fig. 12 spill max (5 ms bins)

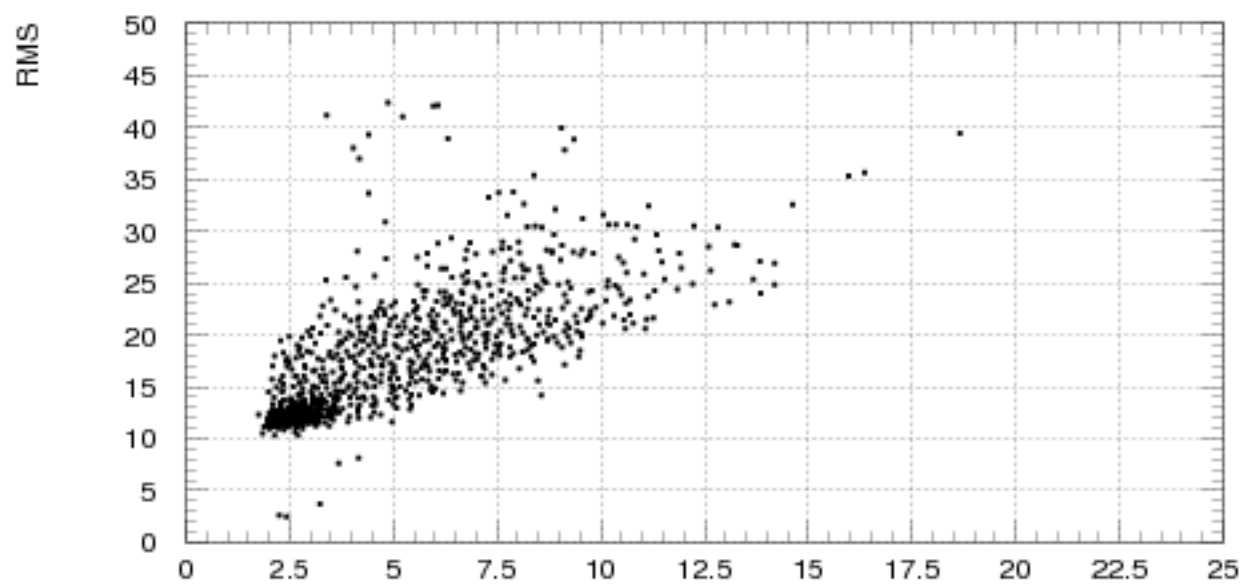
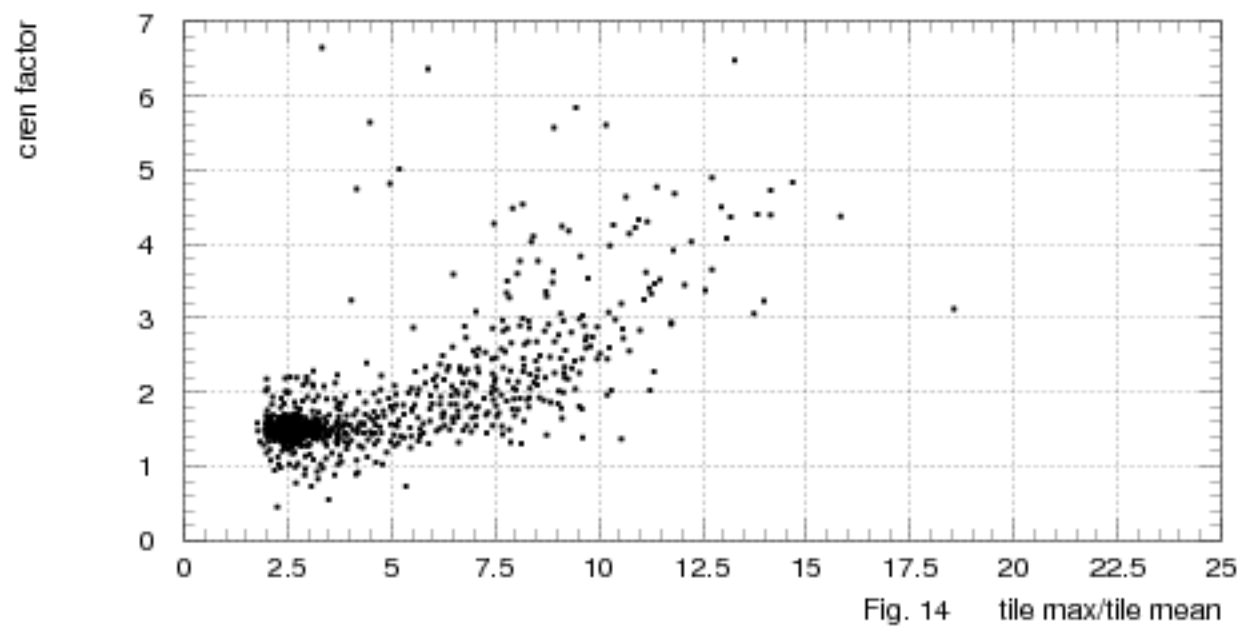
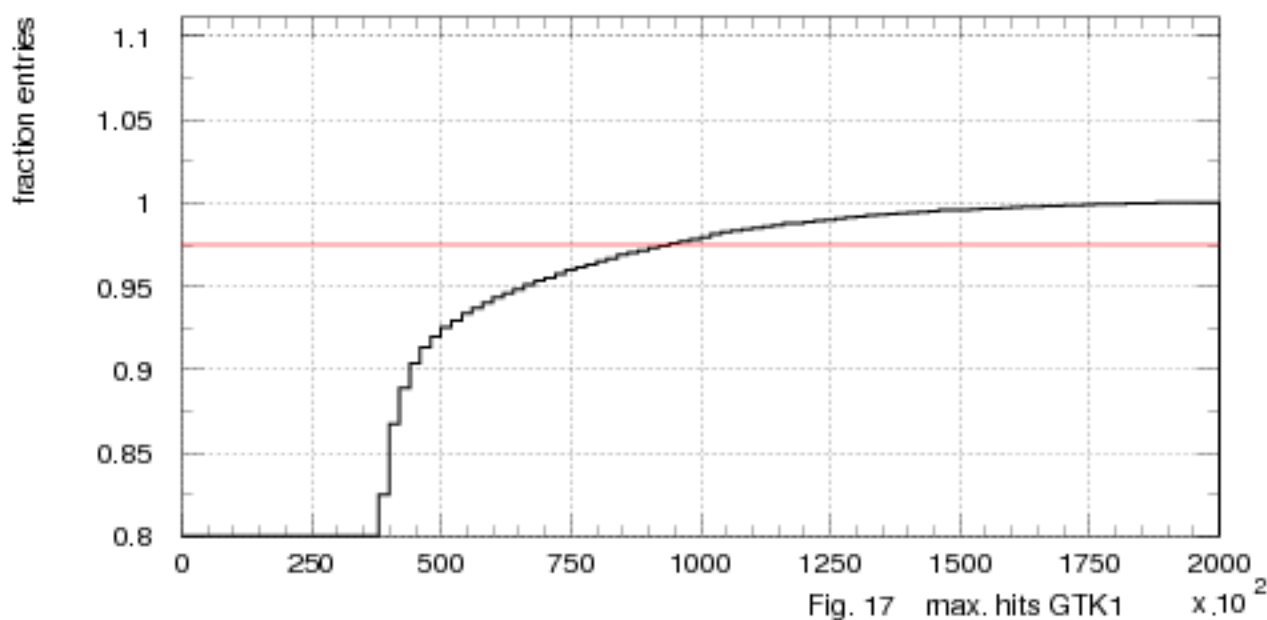
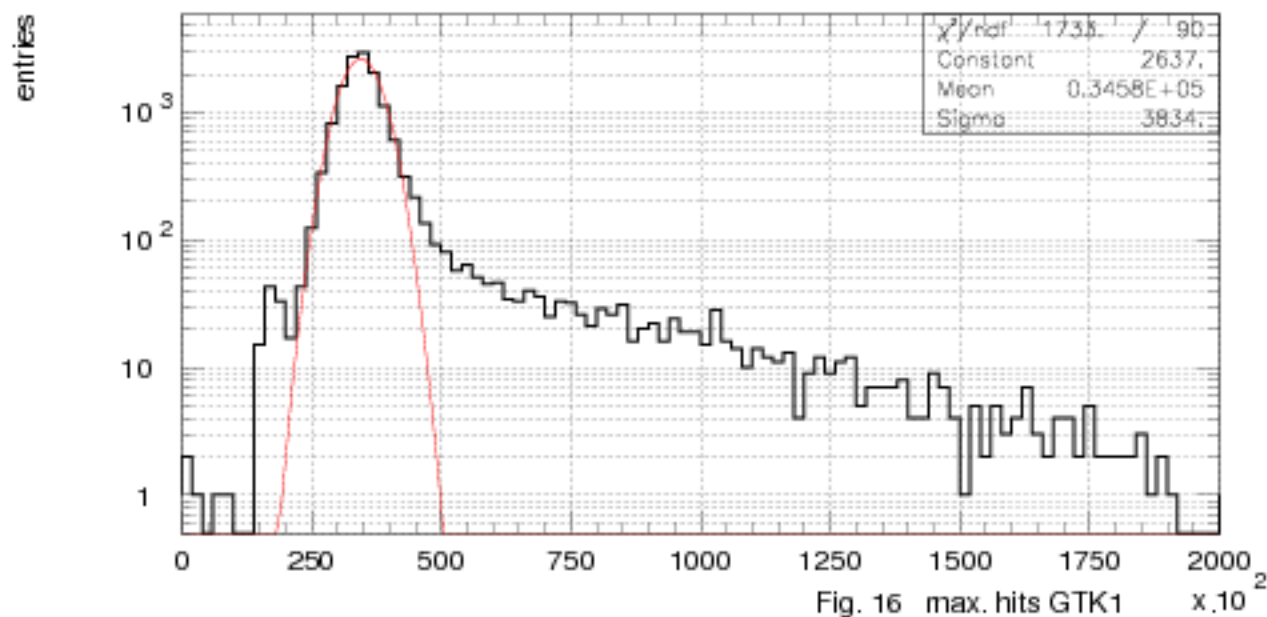


Fig. 13 tile max/tile mean

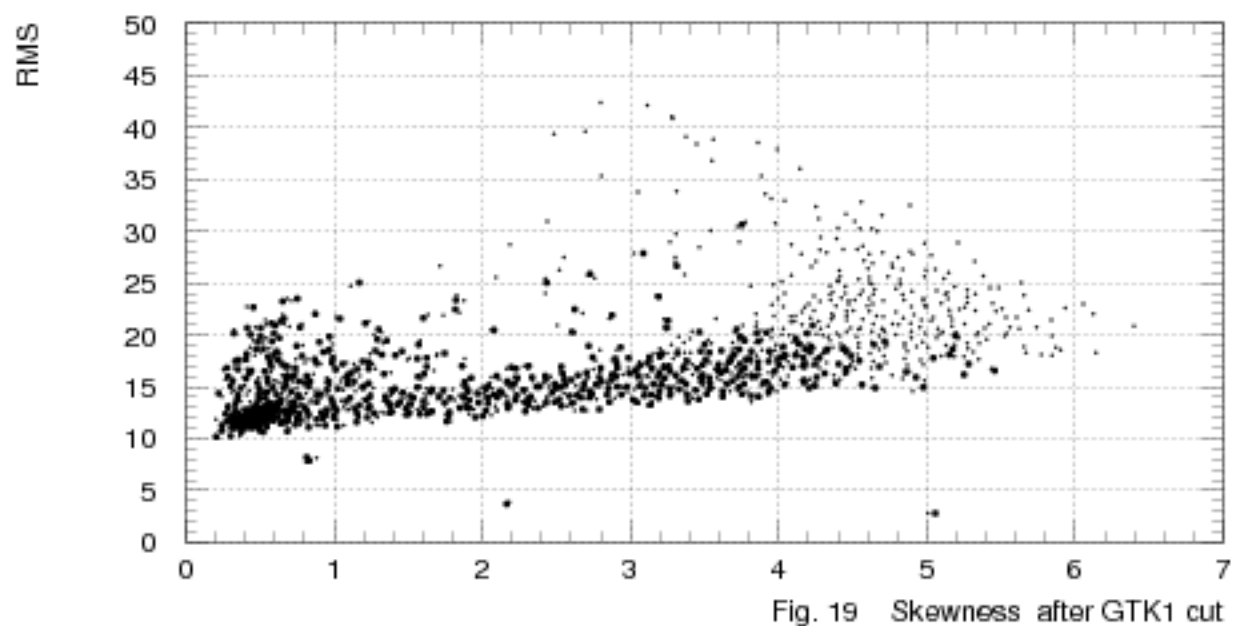
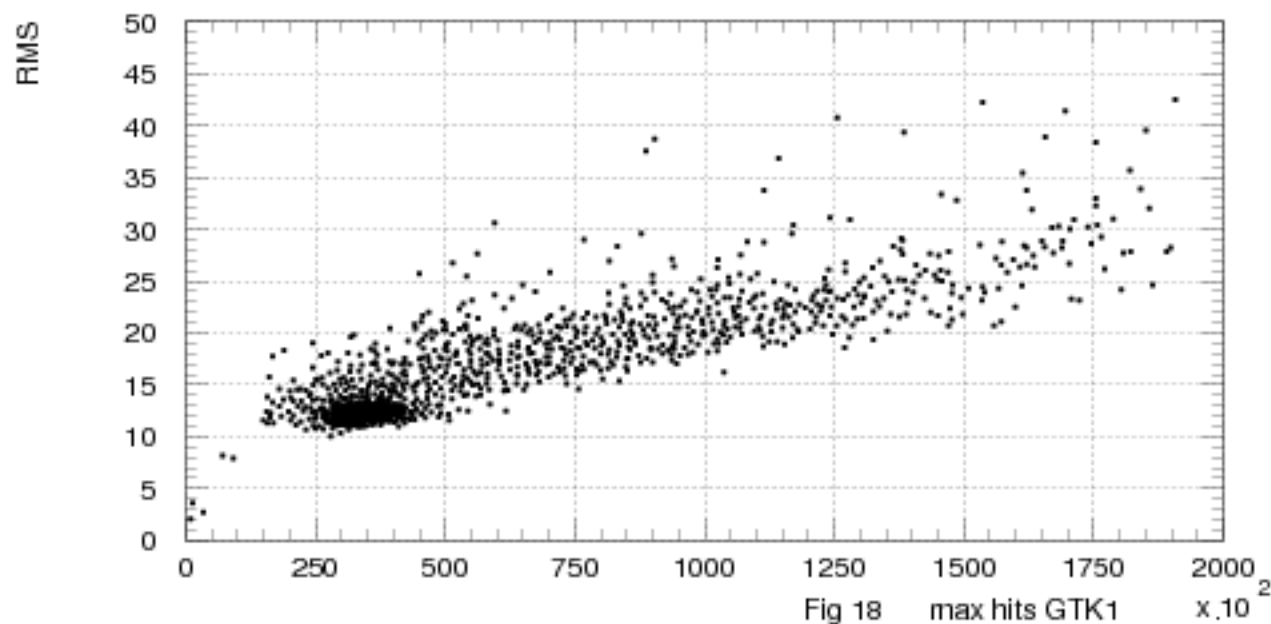
spill distributions



GTK1 max hits (summed over 5 ms of triggers) vs GTK3 RMS



GTK1 max hits (summed over 5 ms of triggers) vs GTK3 RMS



Crenellation after RMS and GTK1-max hit cut

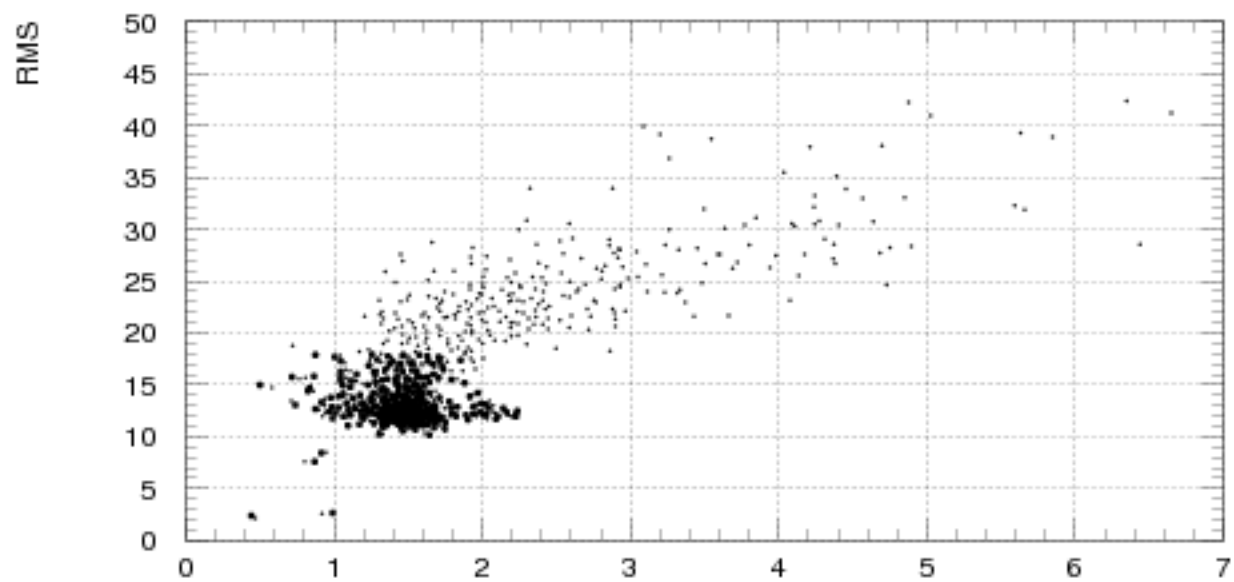


Fig. 20 CREN after RMS and max-hits cut

Misc. plots of additonal BQI

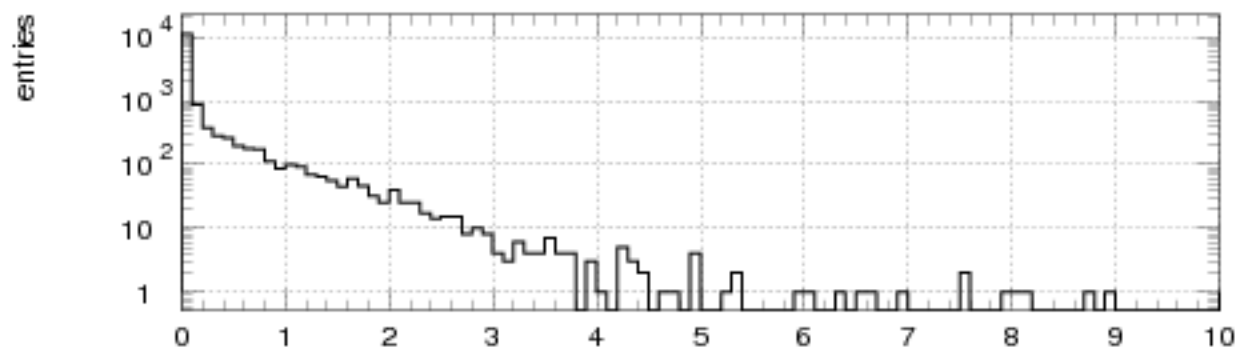


Fig. 21a % hits gt. 100 GTK3 .

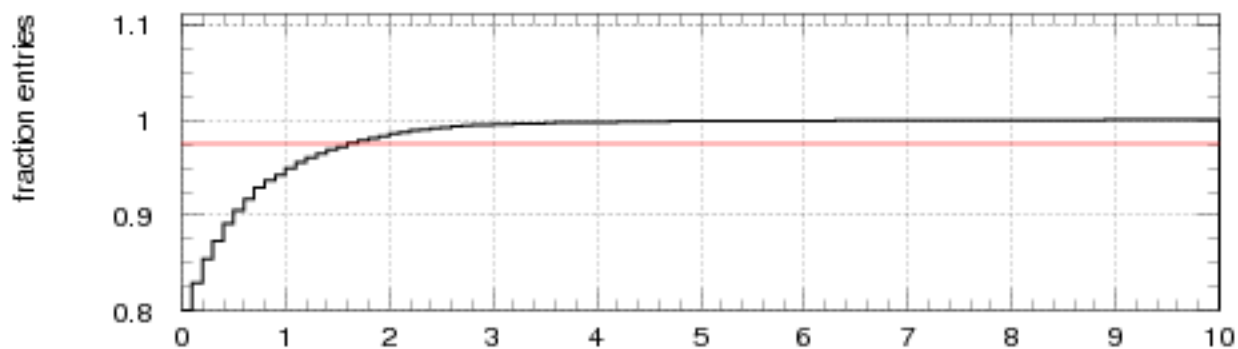


Fig. 21b % hits gt. 100 GTK3 .

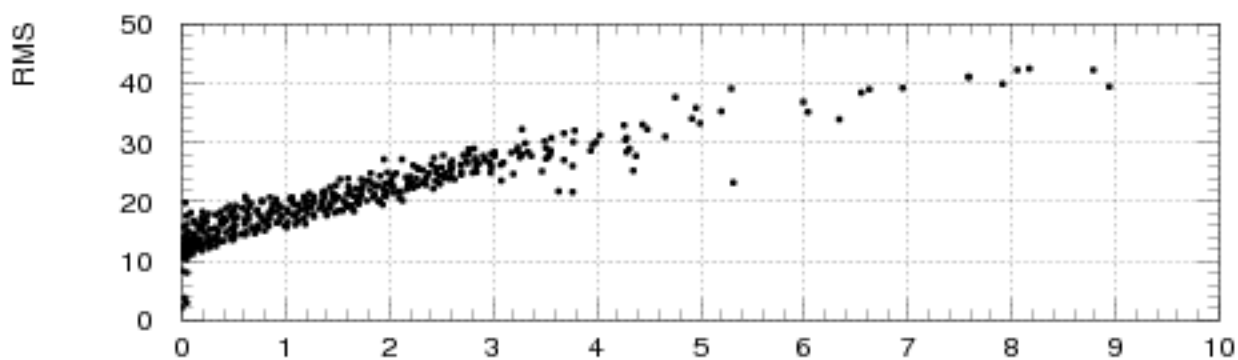


Fig. 22 % fits gt. 100 GTK3 .

Misc. plots of additonal BQI

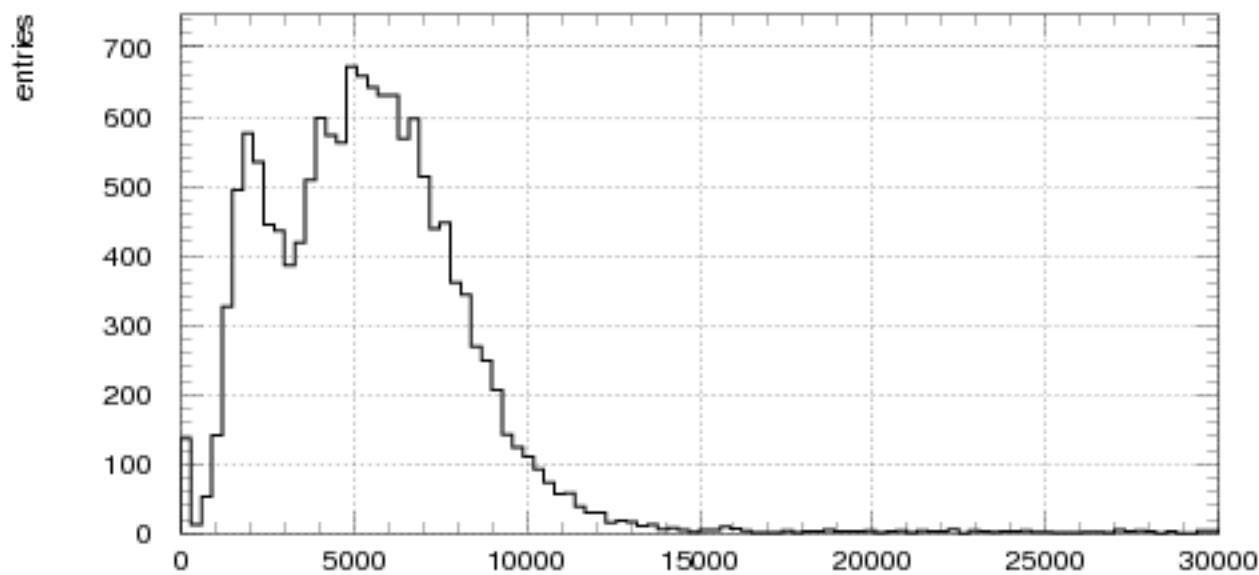


Fig. 23 Fourier 50 Hz

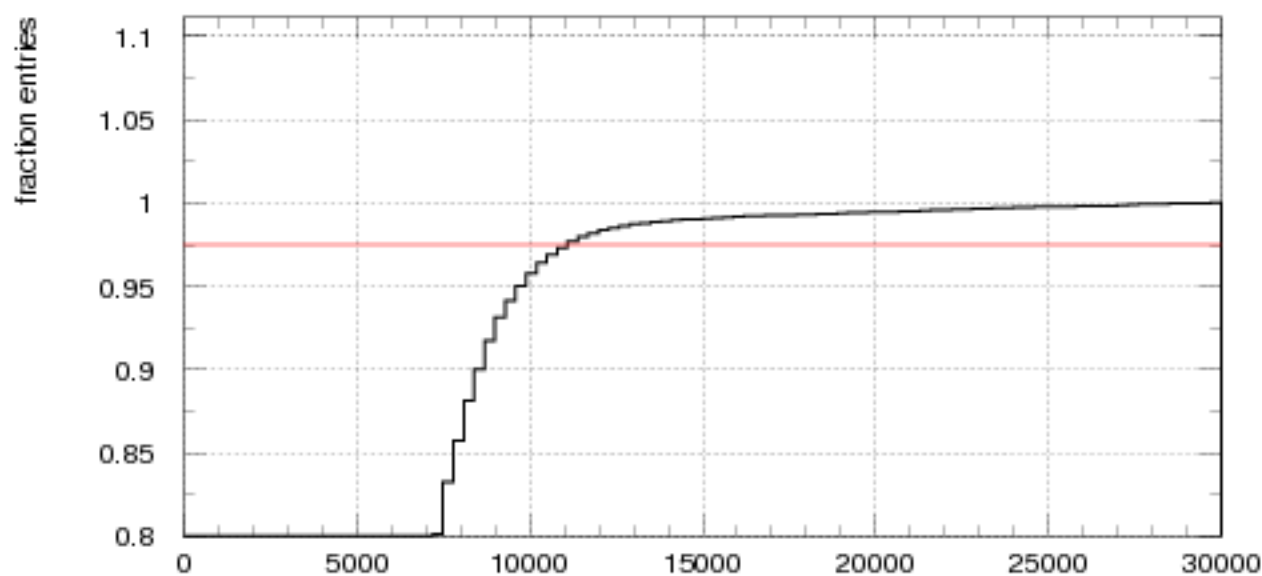


Fig. 24 Fourier 50 Hz

Misc. plots of additional BQI

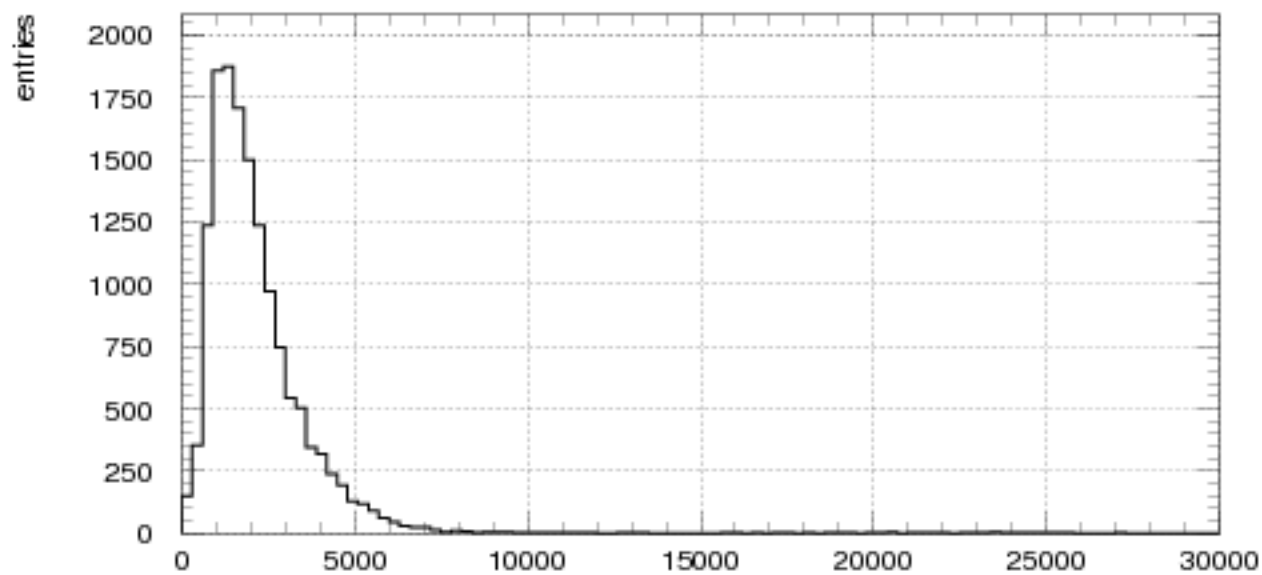


Fig. 25 Fourier 100 Hz

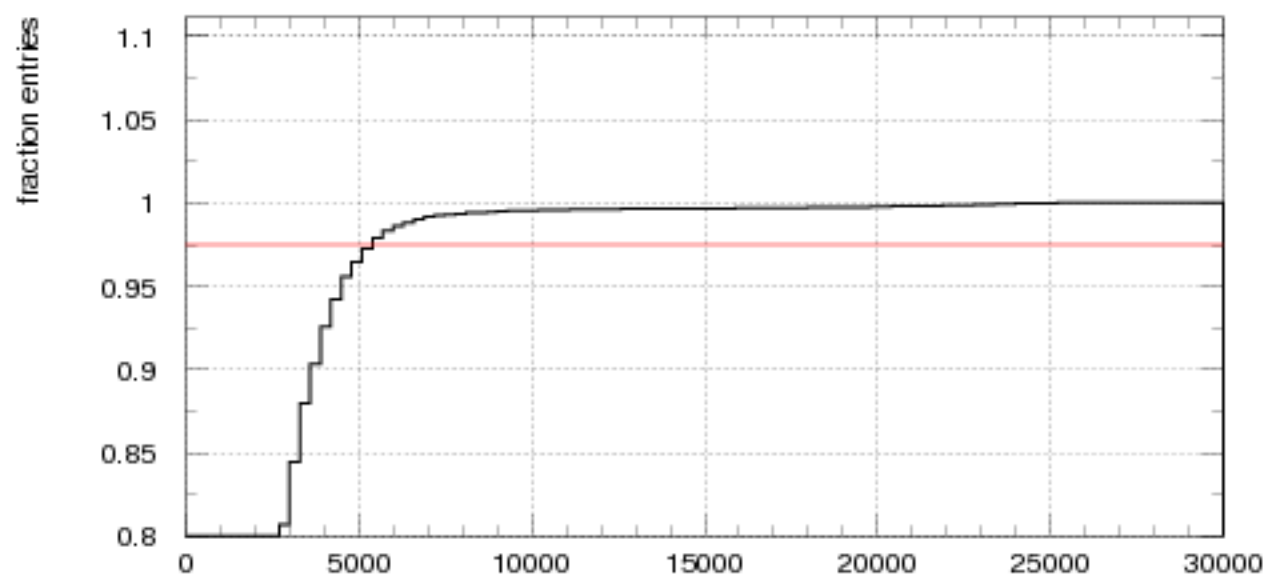


Fig. 26 Fourier 100 Hz

Misc. plots of additonal BQI

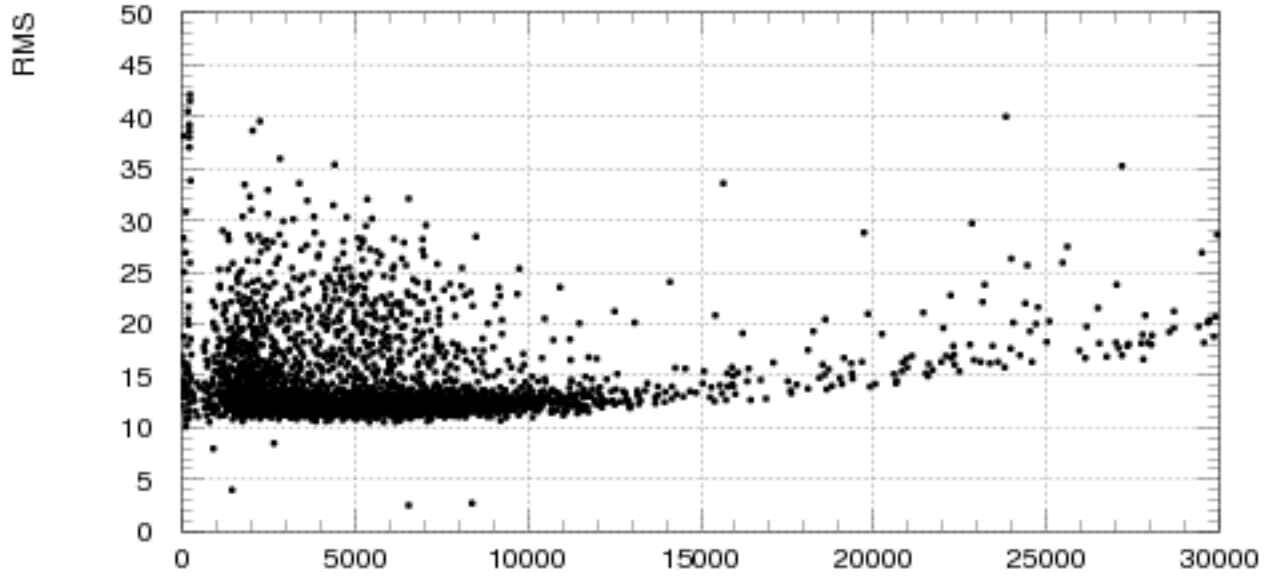


Fig. 27 Fourier 50 Hz

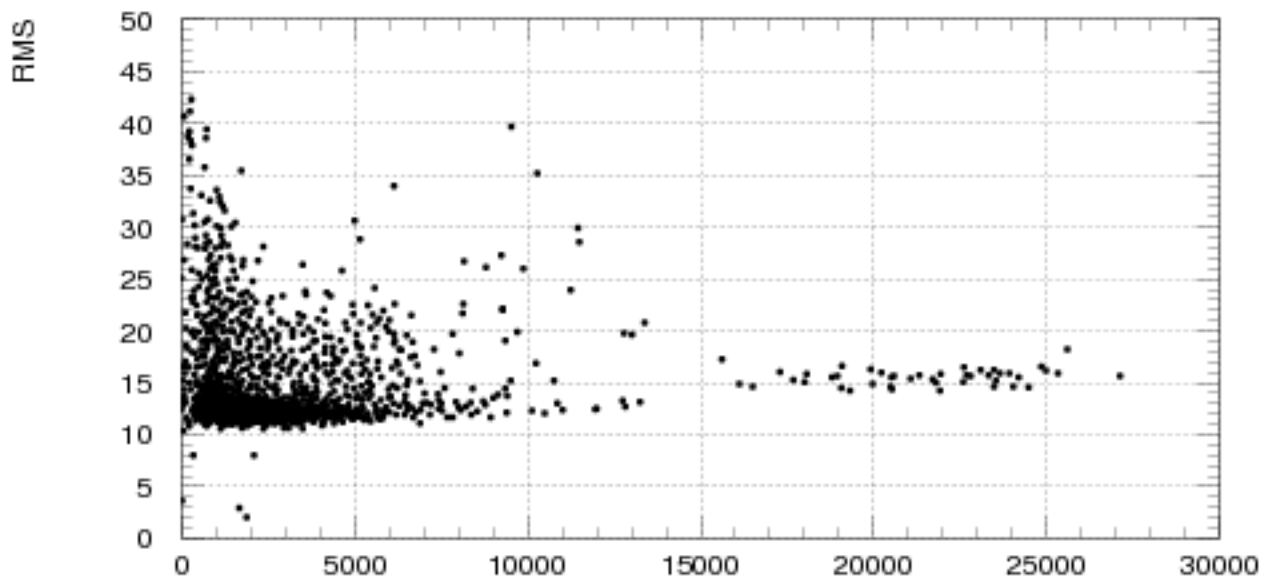
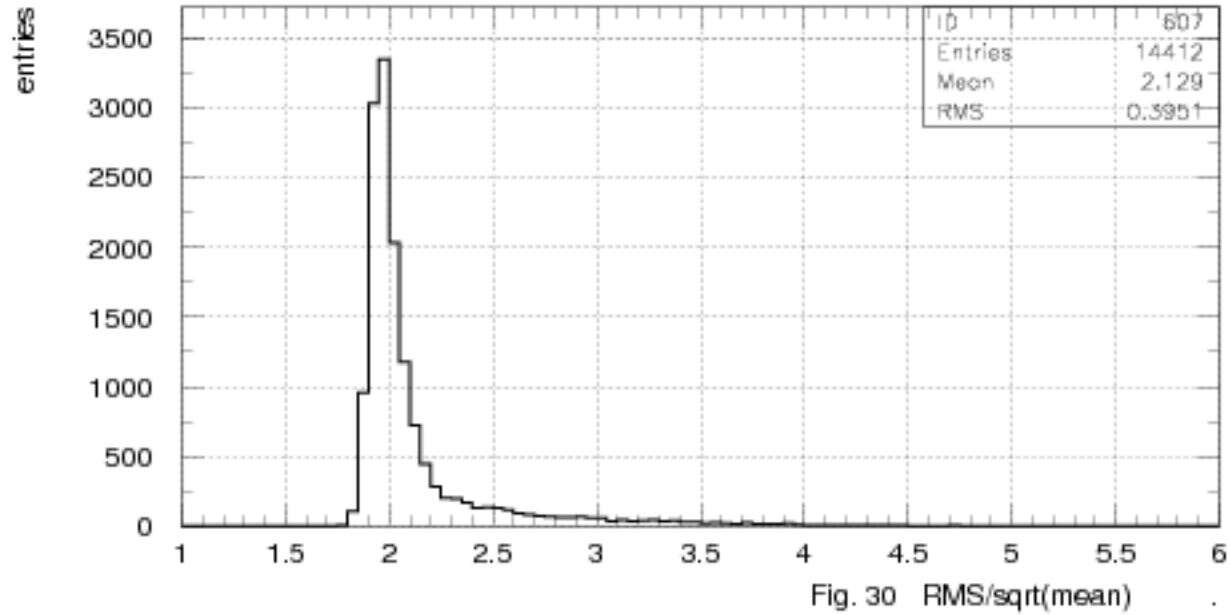
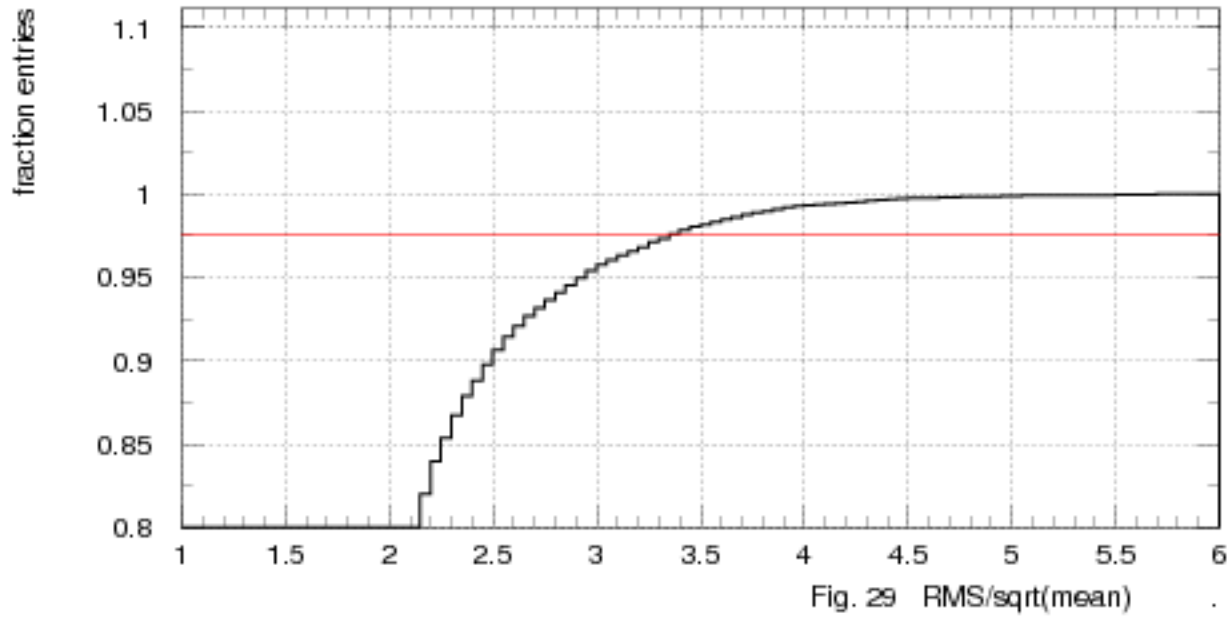
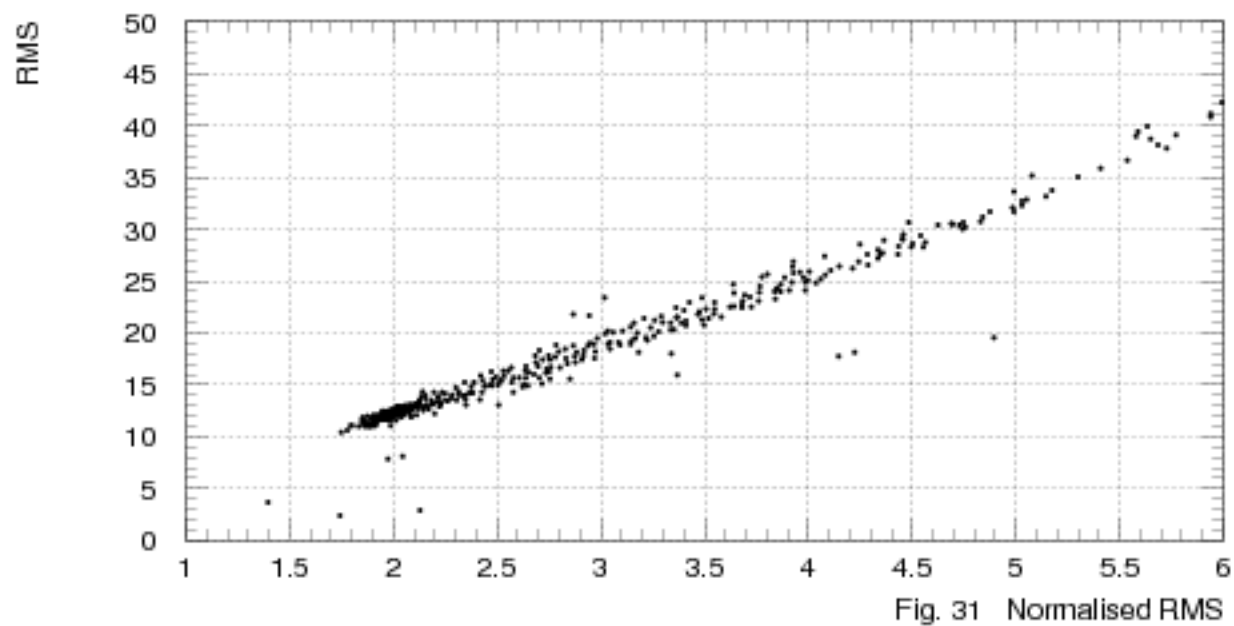


Fig. 28 Fourier 100 Hz

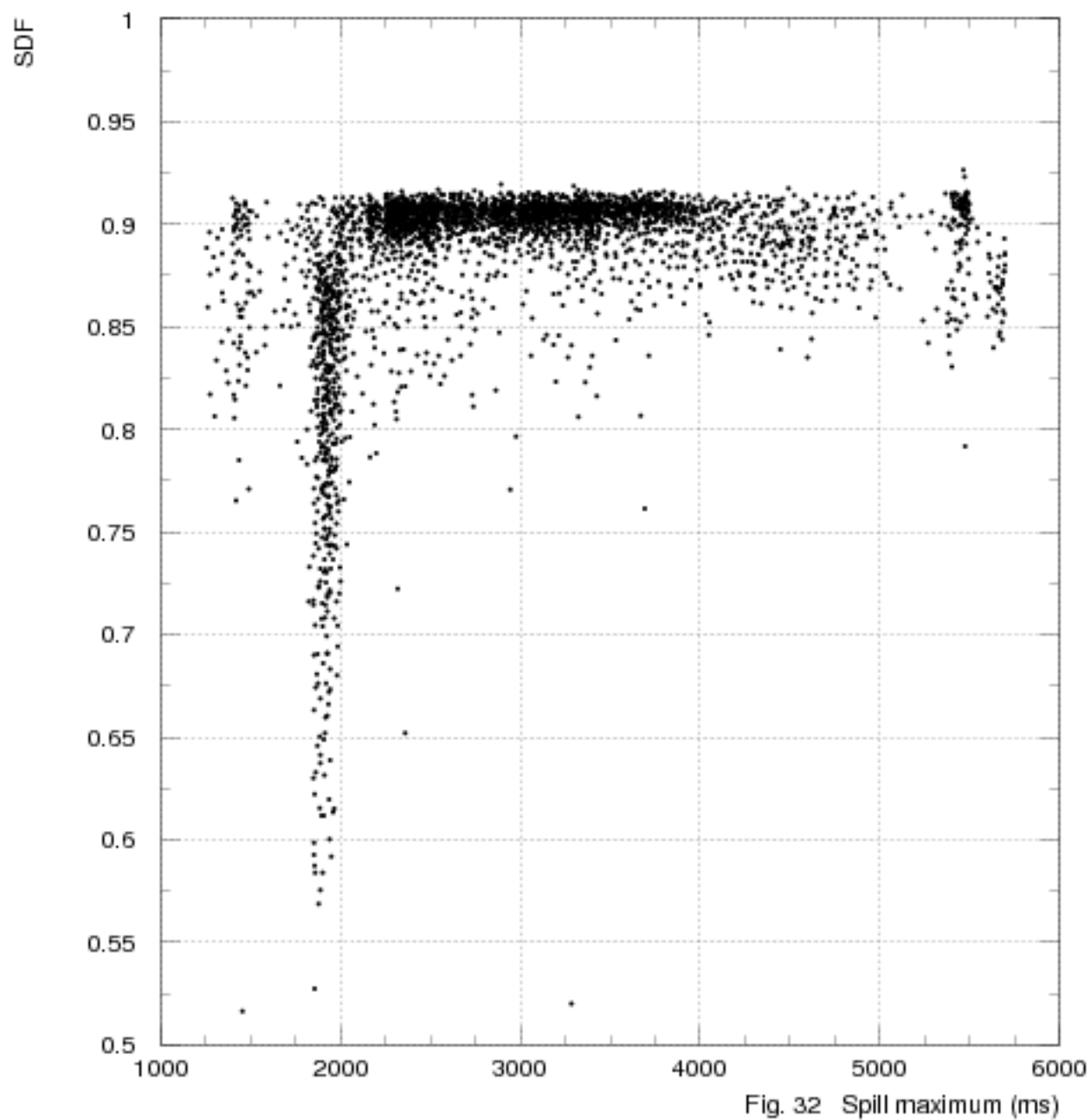
Normalised RMS RMS/sqrt(mean)



Normalised RMS vs RMS



spill maximum (GTK1) vs SDF Runs 14201 - 14212



spill maximum (GTK1) vs RMS Runs 14201 - 14212

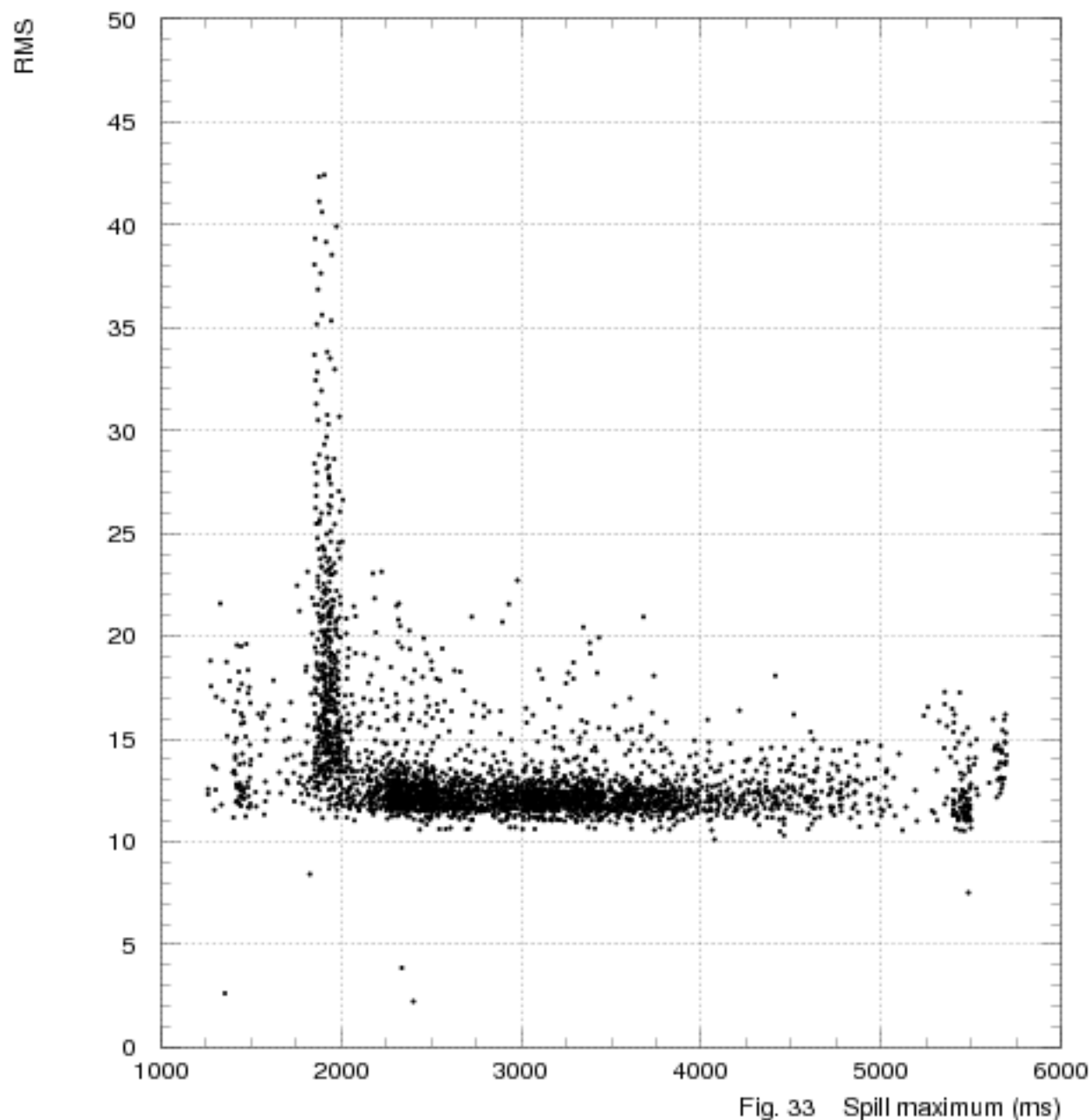


Fig. 33 Spill maximum (ms)

SDF vs Burst sequence

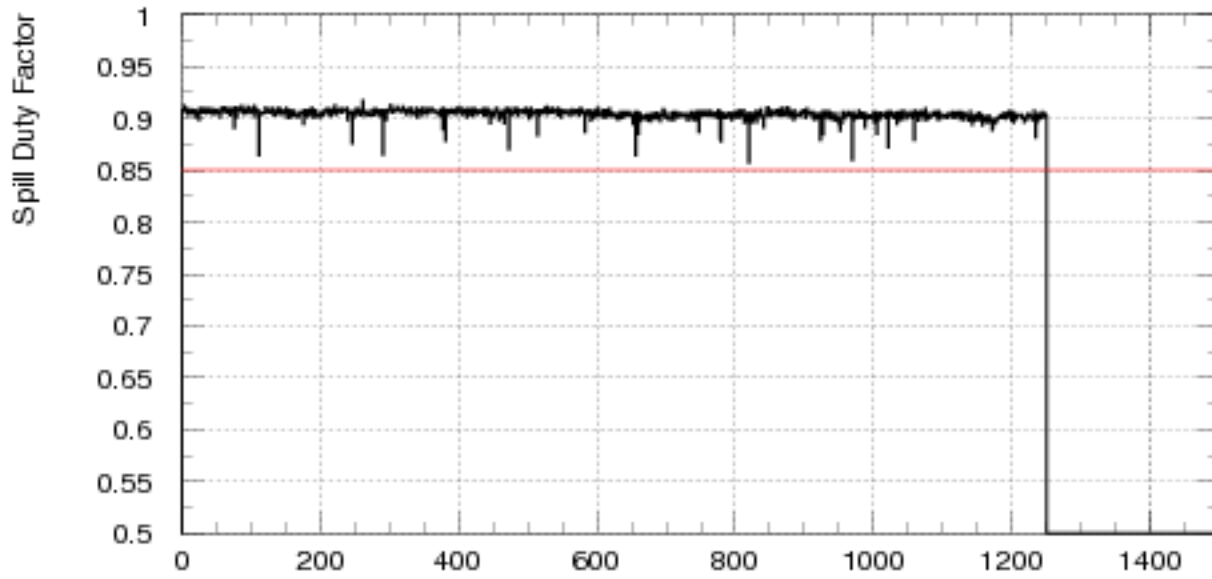


Fig. 34a Run 14212 Burst sequence

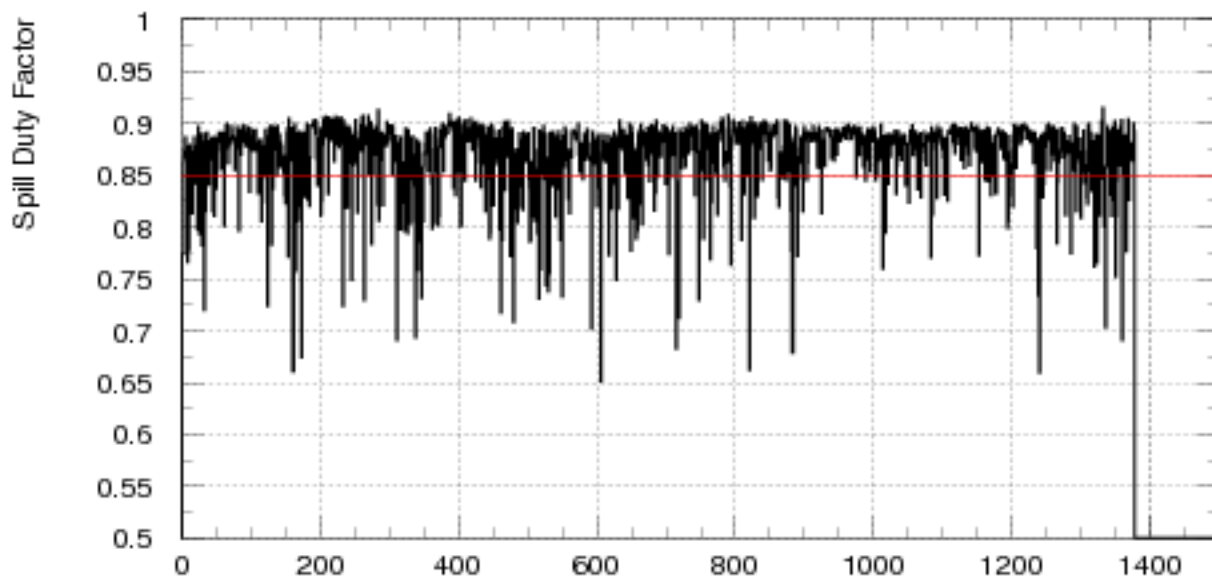


Fig. 34b Run 14202 Burst sequence

SDF vs Burst sequence after removal of spike region of spill (1.8 - 2 sec)

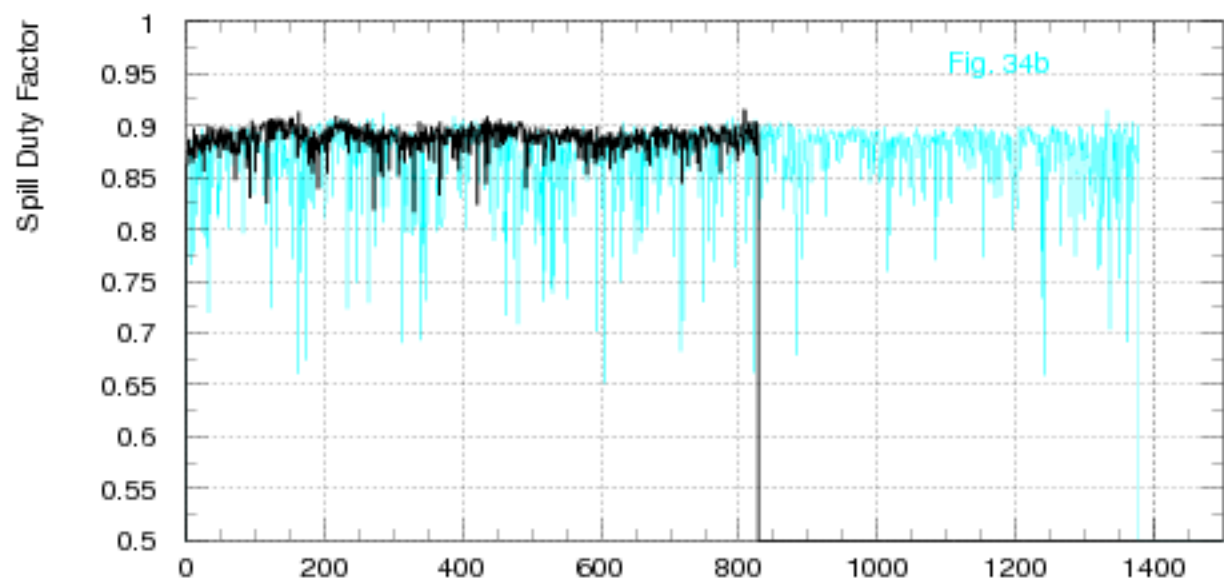


Fig. 34c Run 14202 Burst sequence SPIKE REMOVED

Normalised RMS = $\text{RMS}/\sqrt{\text{MEAN}}$ vs Burst sequence

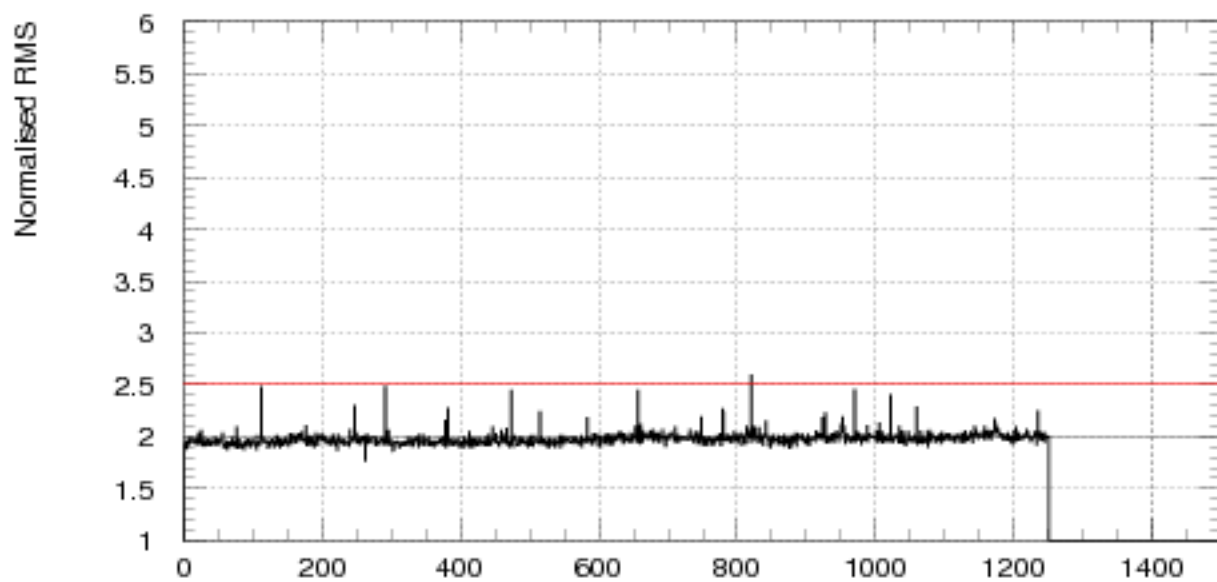


Fig. 35a Run 14212 Burst sequence

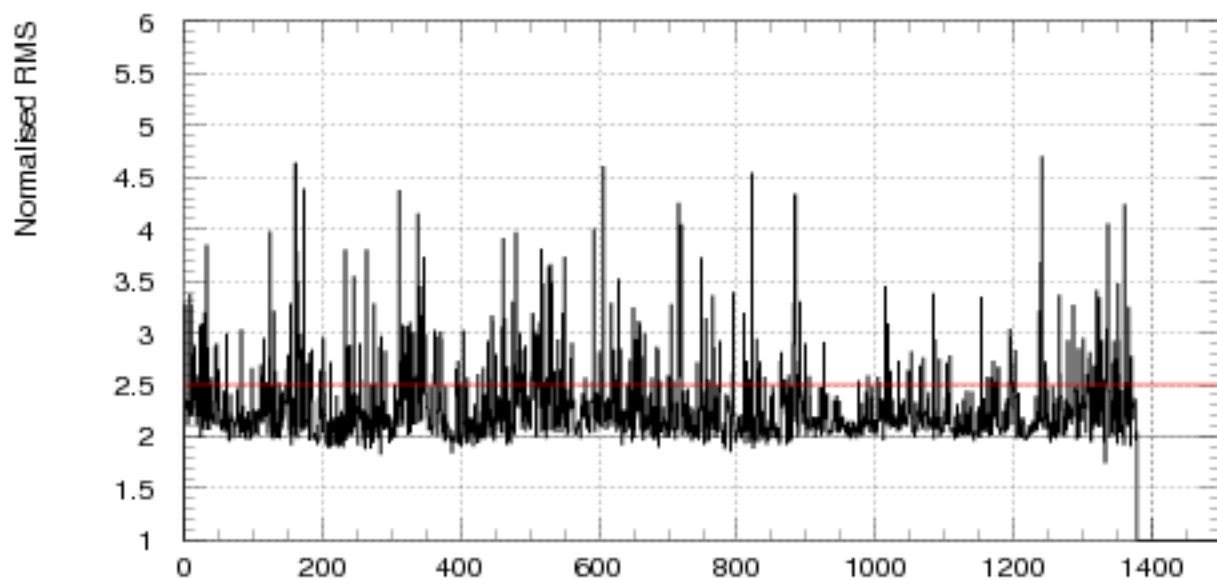


Fig. 35b Run 14202 Burst sequence