

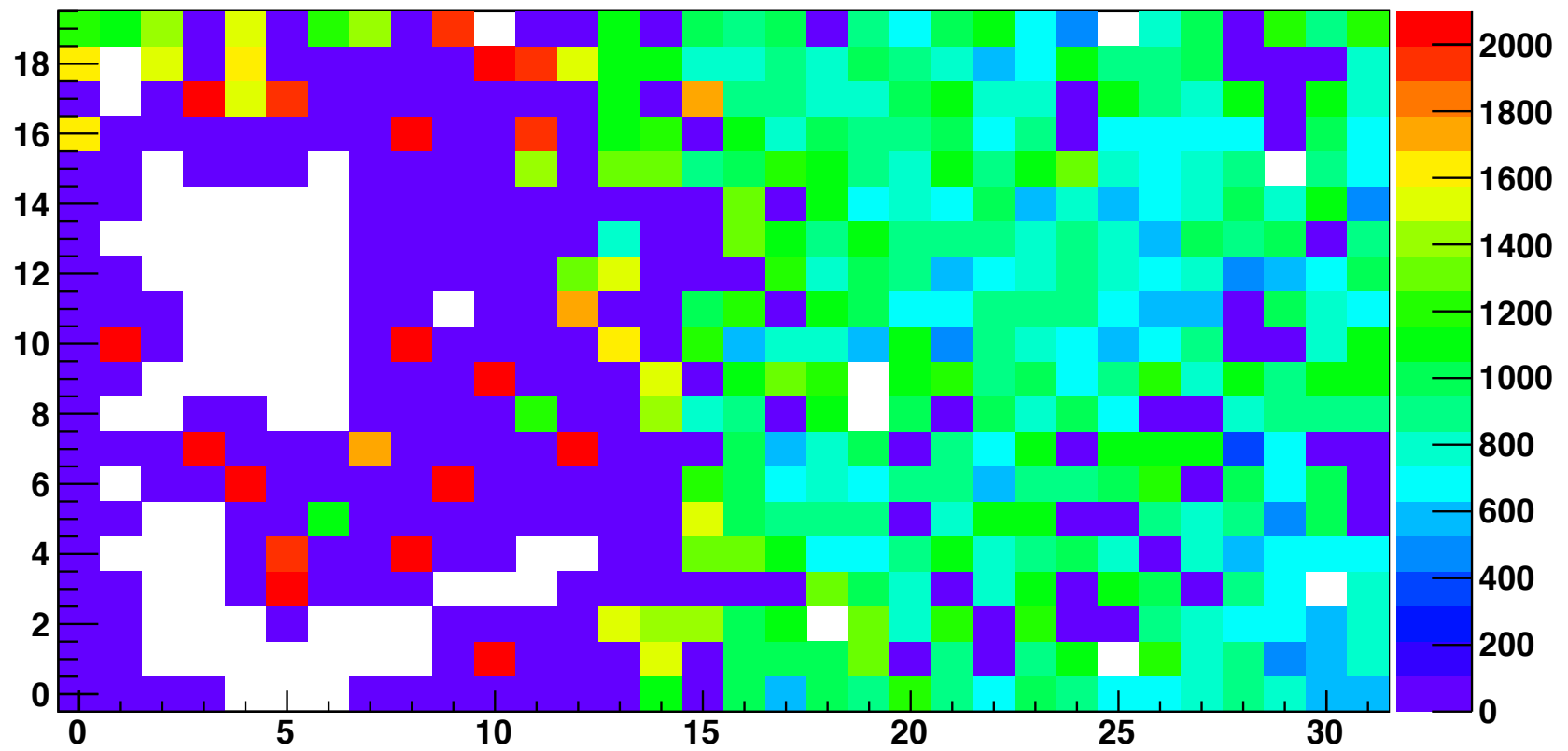
# Beam Process

14.12	15.12	16.12	17.12	18.12	19.12
2,95 GeV/c Module E 50 MHz Intensity Change	2,95 GeV/c Module E “Searching for the beam” Module 13 Intensity Change	2,95 GeV/c Module 13 Threshold Scan 50 MHz - Module 13 155,55 MHz	<i>Izotov and Beamadjustment</i>	<i>Module 13 600 MeV/C Intensity Change 155,55 MHz with different Masking</i>	2,95 GeV/c Module 13 50 MHz Tuning of DMA Readout 155,55 MHz Intensity Change 50 MHz Intensity Change (Lost till 18:44) Intensity Change Change of Column Priority Long time run over night
879 Mb	4.8 GB	7.9 GB	/	?	23 GB + 66 GB

# Module E

../2012-12-15/2012-12-15-14-48-58-data--0.txt

Hitmap	
Entries	340997

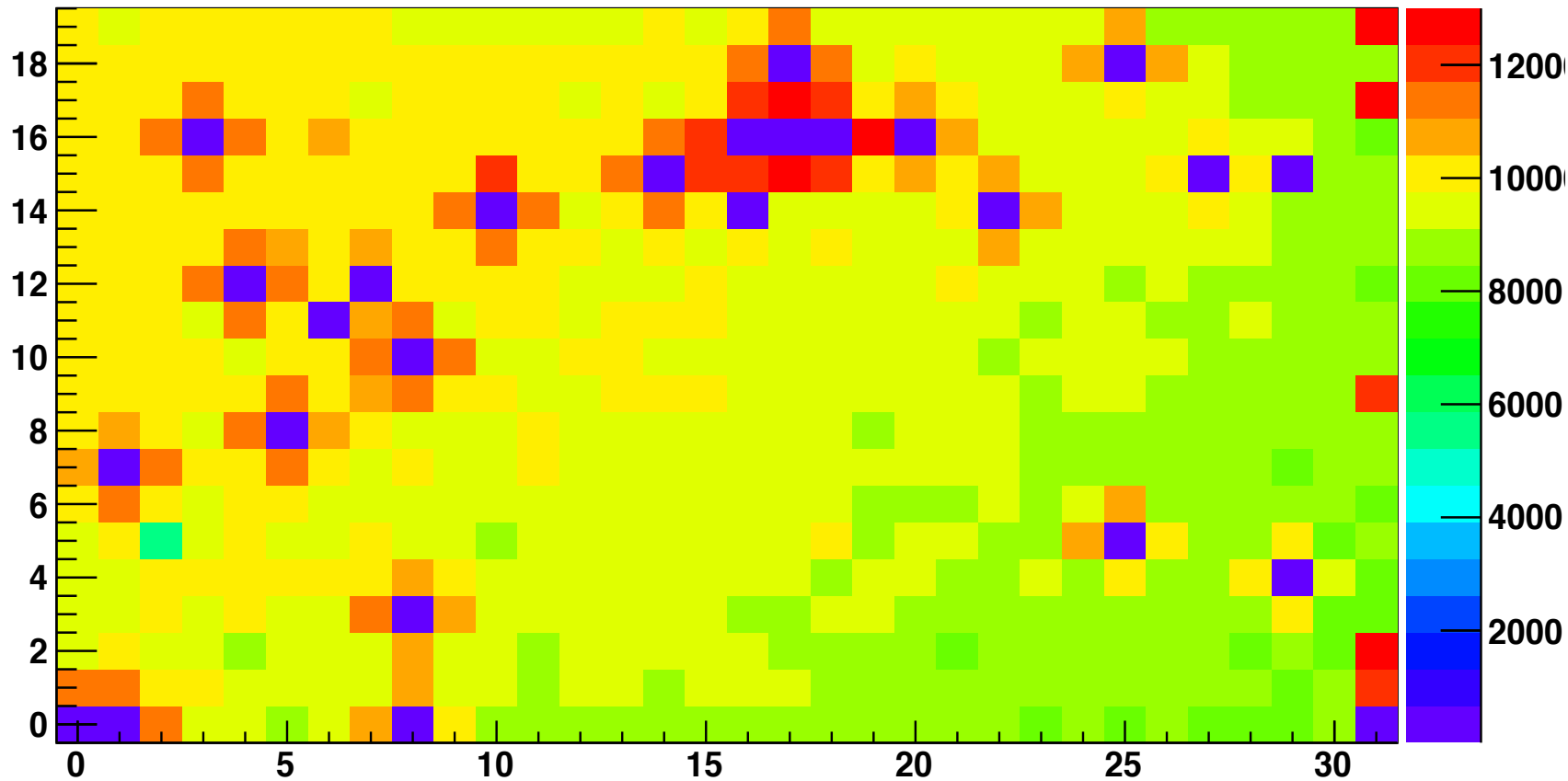


2012-12-15-14-48-58, Module E, 50 MHz

# Module 13

../2012-12-15/2012-12-15-16-33-22-data--0.txt

Hitmap	
Entries	5922718

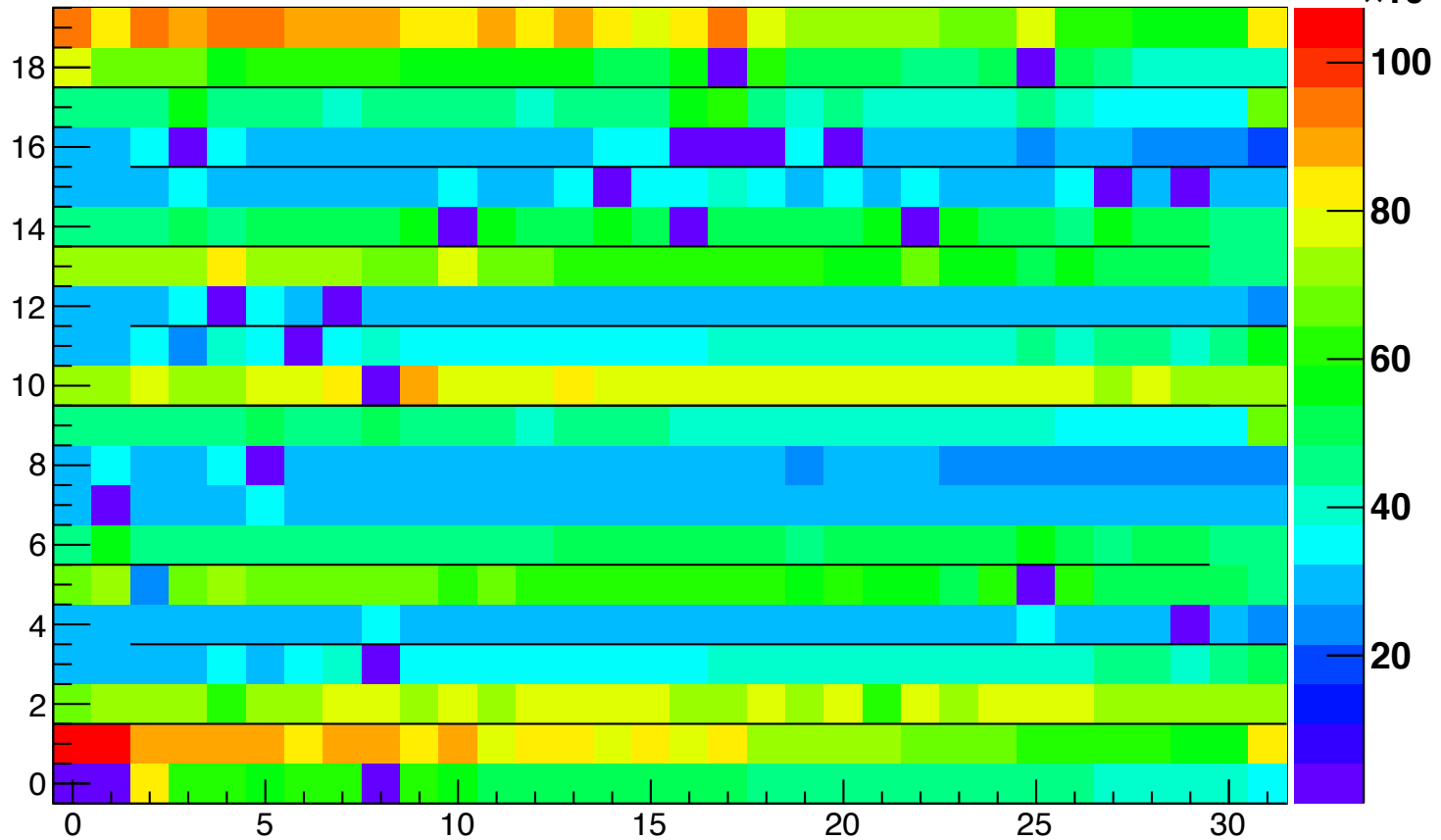


2012-12-16-33-22, Module 13, 50 MHz, Hitrate ~11 kHz, 6 Spills

# Module 13

../2012-12-20/2012-12-20-0-5-36-data--0\_converted.txt

**Hitmap**  
 Entries 3.022798e+07

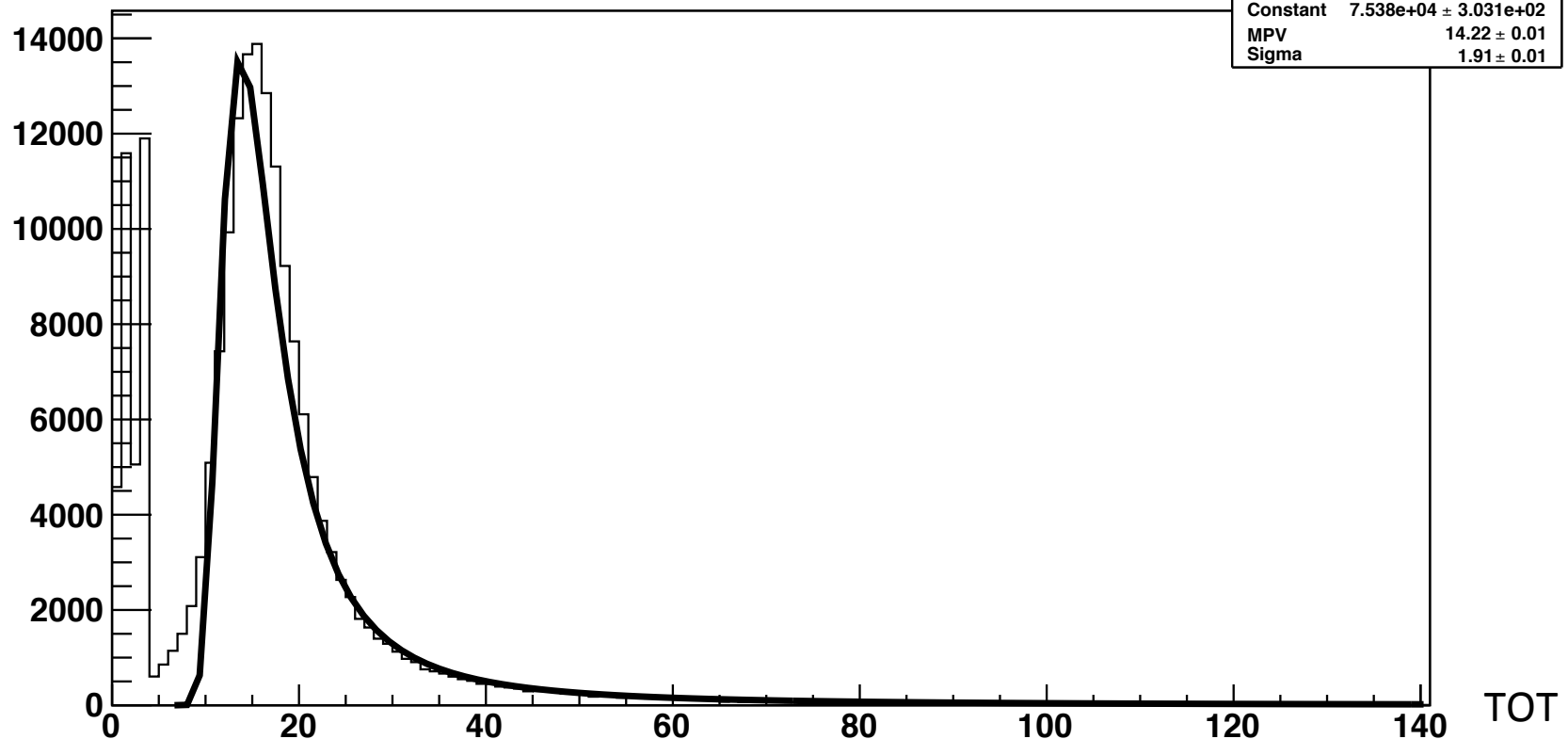


2012-12-20-0-5-36, Moduel 13, 50 MHz, ~ 30 MHits/90 Sek -> 335 kHz Hitrates

# Module 13 – Single Pixel TOT Distribution

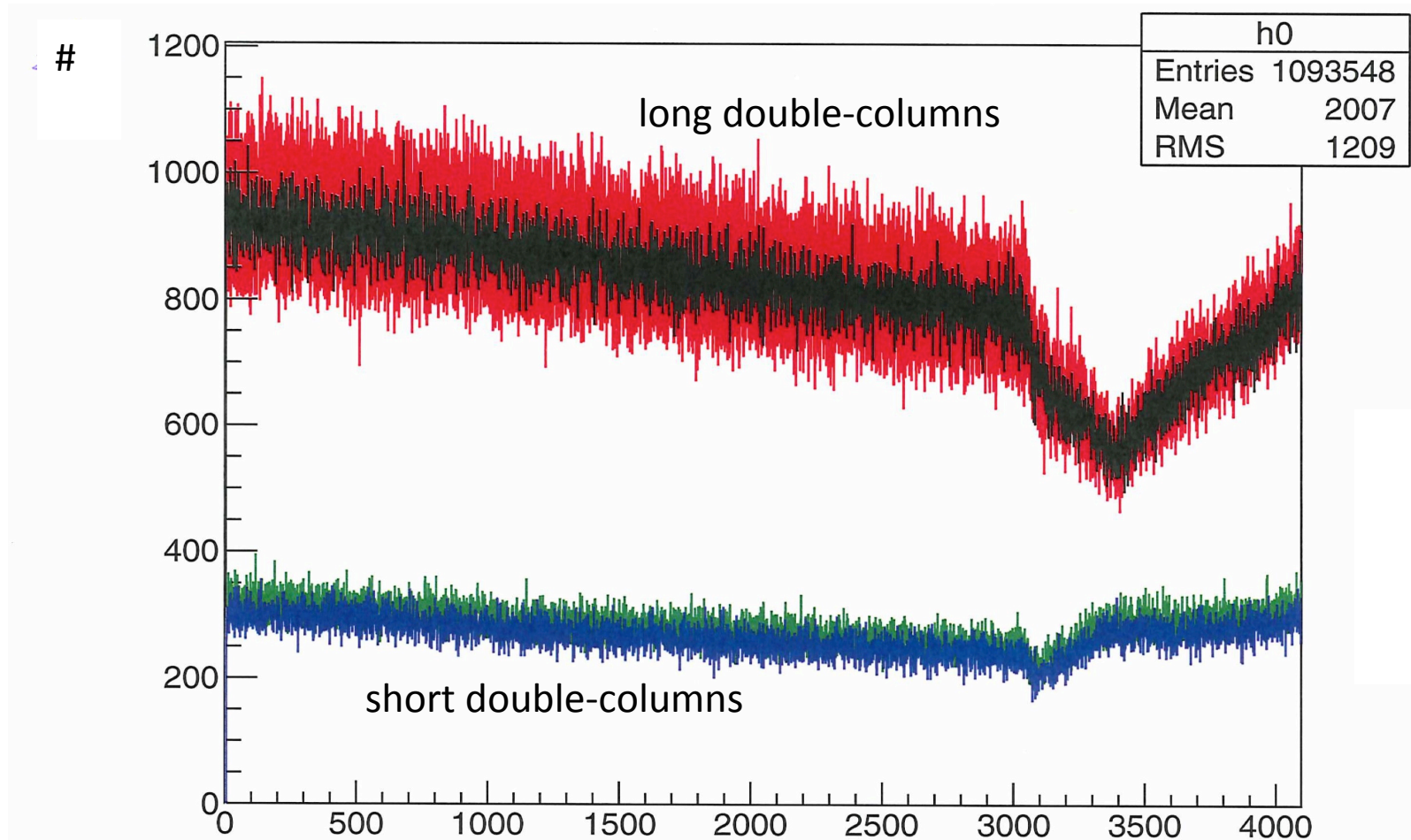
./2012-12-20/2012-12-20-0-5-36-data--0\_converted.txt

SinglePixel	
Entries	191694
$\chi^2 / \text{ndf}$	1.335e+04 / 131
Constant	7.538e+04 $\pm$ 3.031e+02
MPV	14.22 $\pm$ 0.01
Sigma	1.91 $\pm$ 0.01



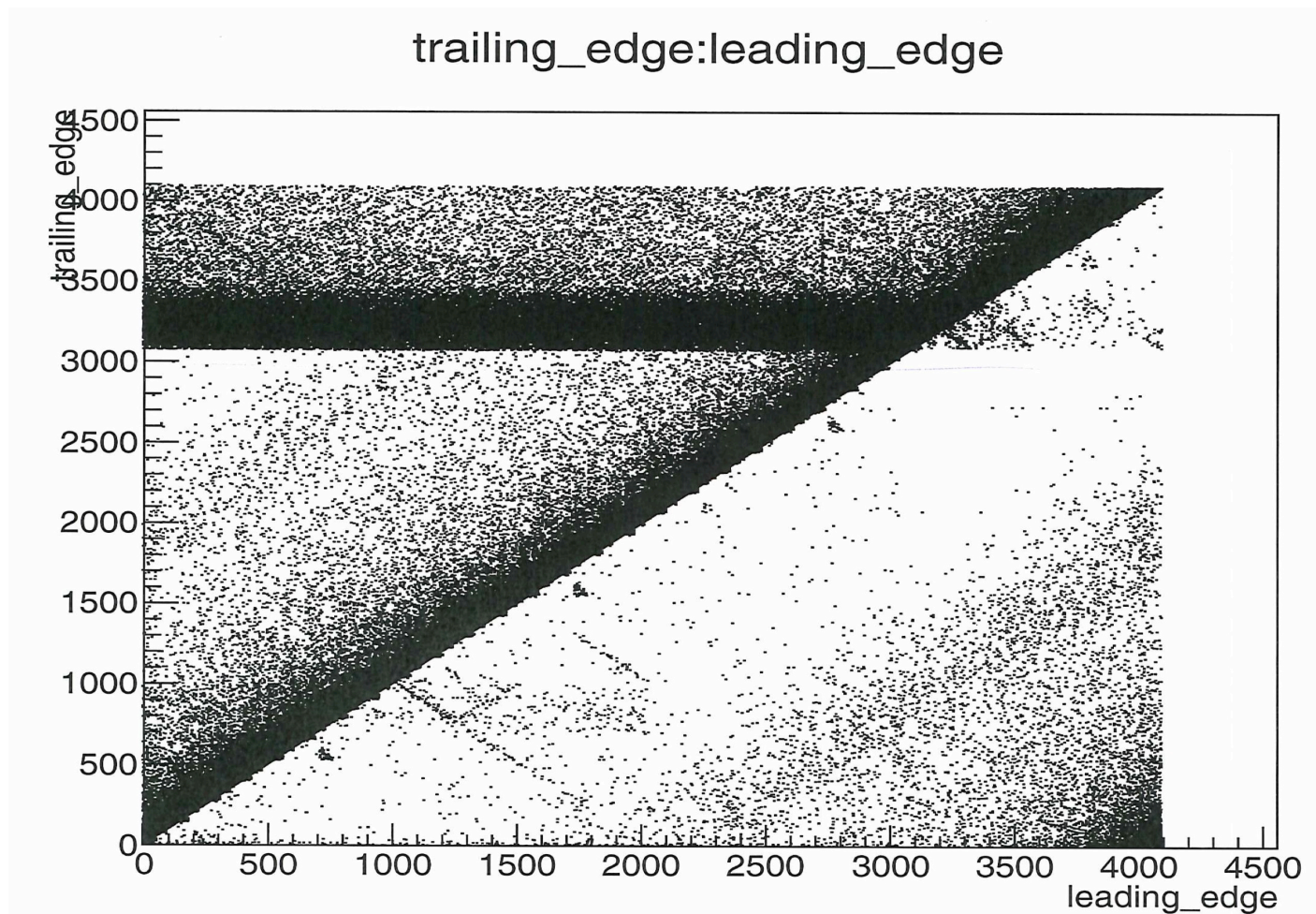
2012-12-20-0-5-36, Moduel 13, 50 MHz, ~ 30 MHits/90 Sek -> 335 kHz Hitrate

# Leading Edge Distribution 50 MHz



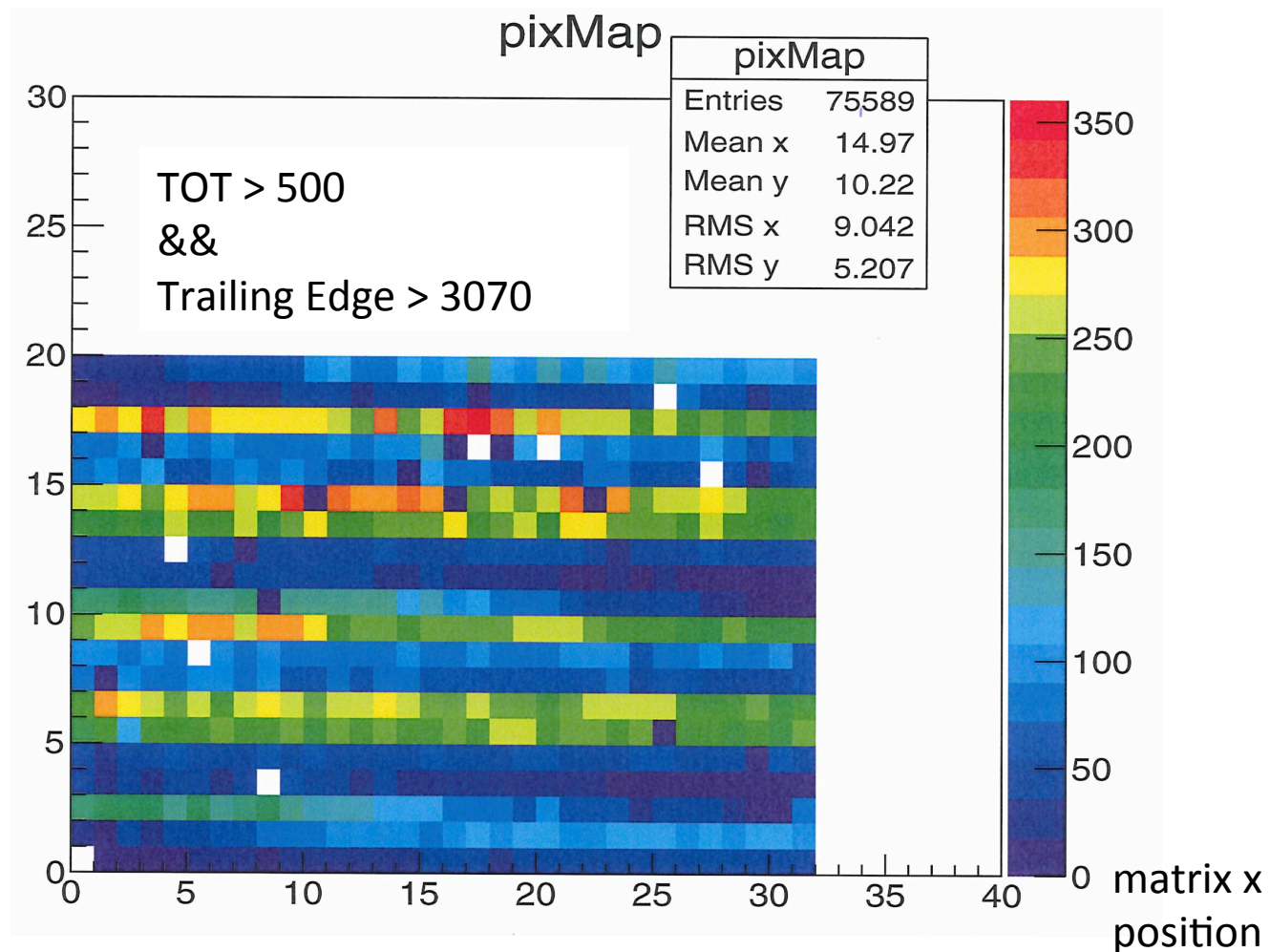
2012-12-20-0-18-19-part22, Module 13, 50 MHz, ~ 370 kHz Hitrate Leading Edge

# Leading Edge vs. Trailing Edge 50 MHz



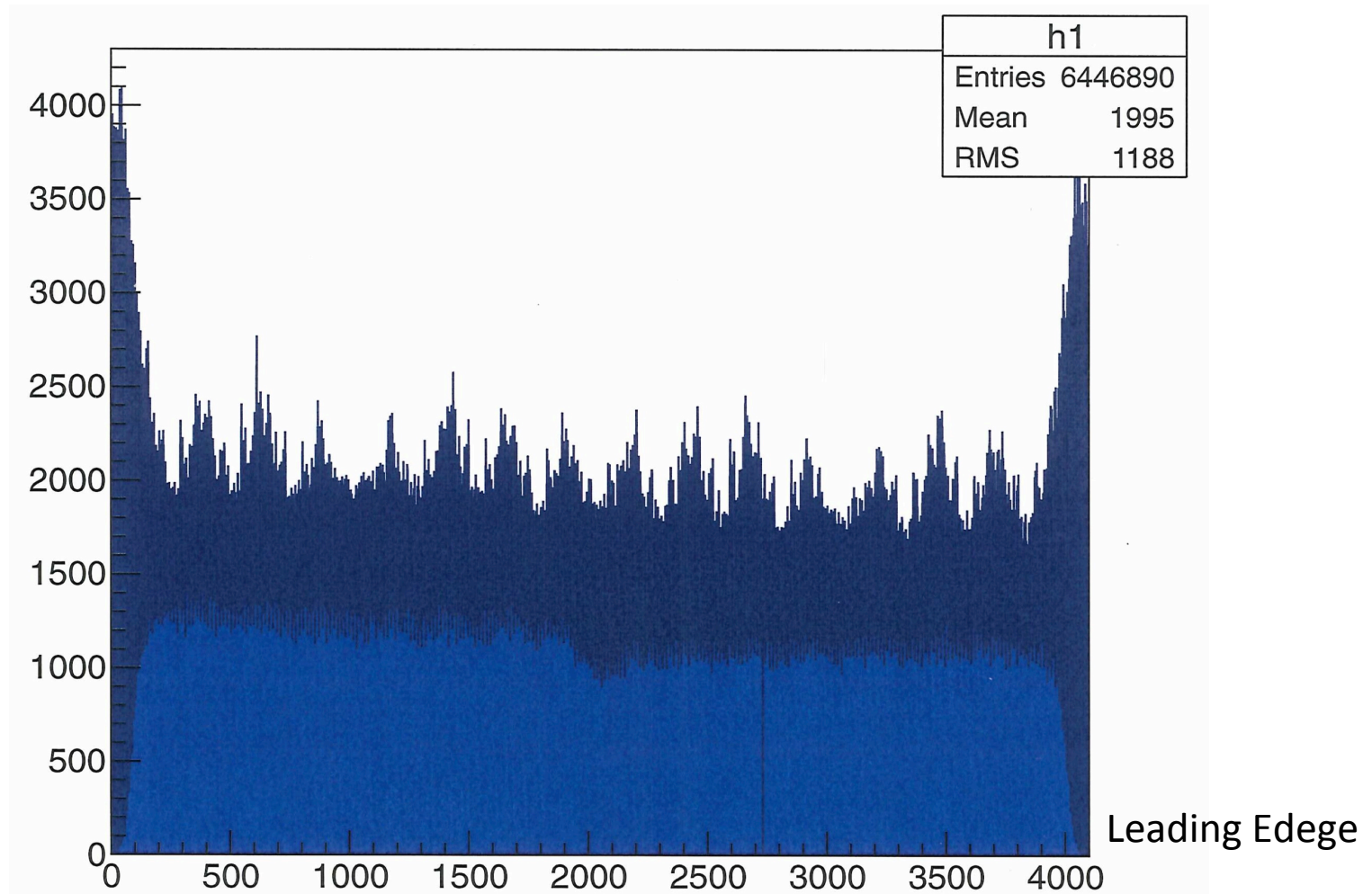
# TOT Distribution

matrix y  
position

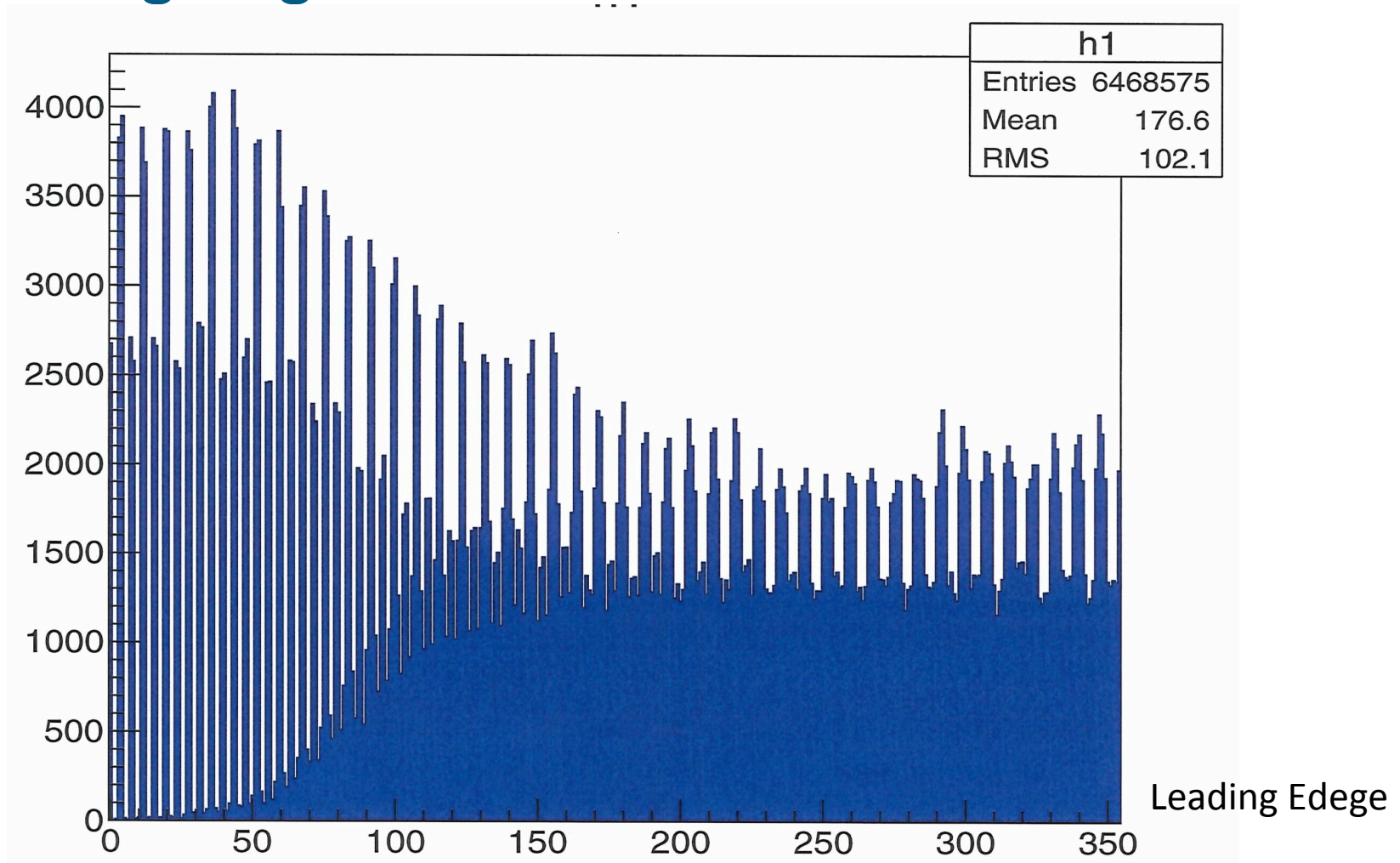




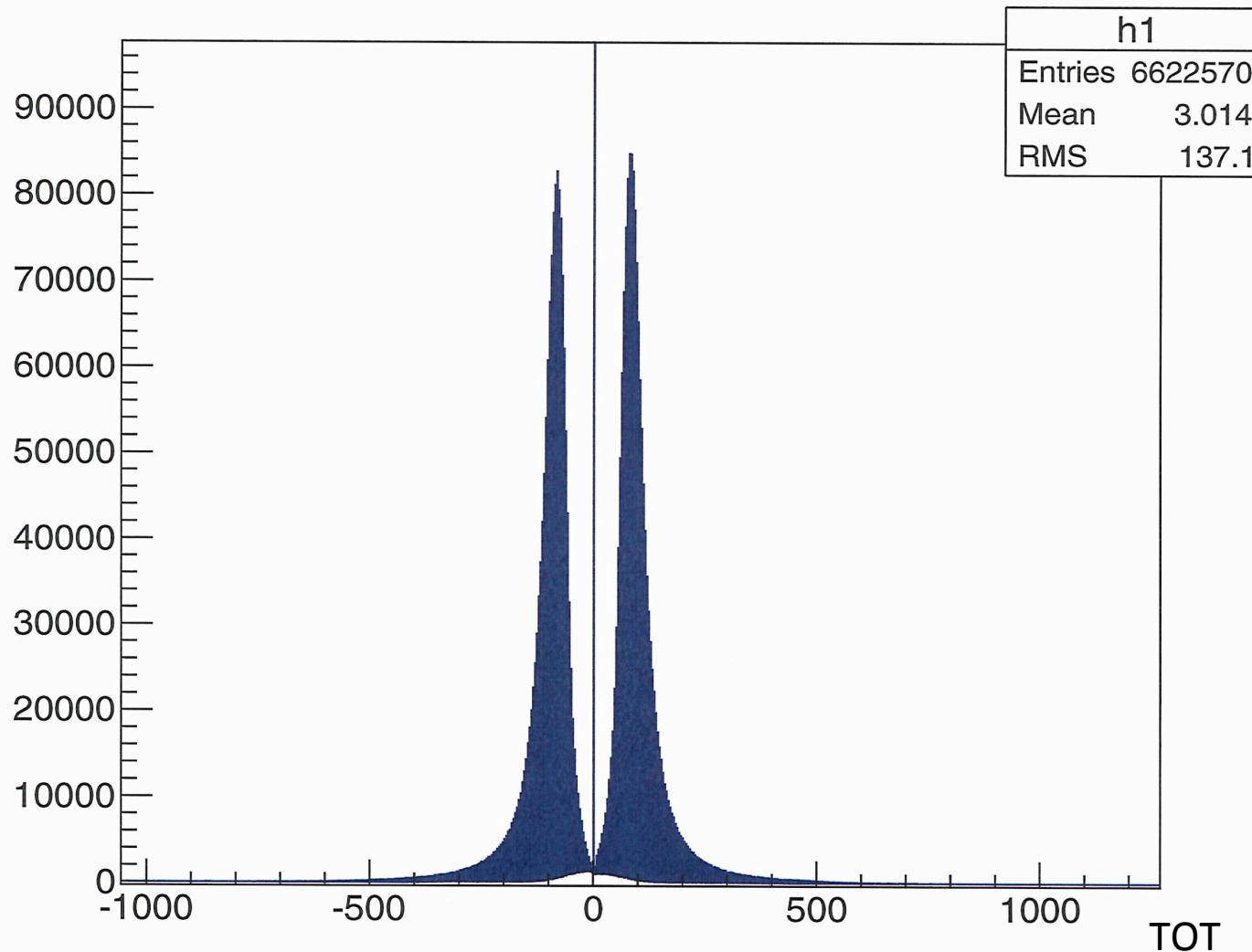
# Leading Edge distribution – 155 MHz



# Leading Edge Distribution 155 MHz



# TOT Distribution



# Trailing Edge Distribution

