

# This is a tpx3-daq ThresholdScan for chip W15-G6. Run name: ThresholdScan\_2025-12-05\_15-20-30

Parameter	Value
Ibias_CP_PLL	128
Ibias_DiscS2_OFF	8
Ibias_PixelDAC	100
Ibias_TPbufferIn	128
Sense_DAC	29
VTP_fine	307
Vthreshold_fine	383
n_injections	100

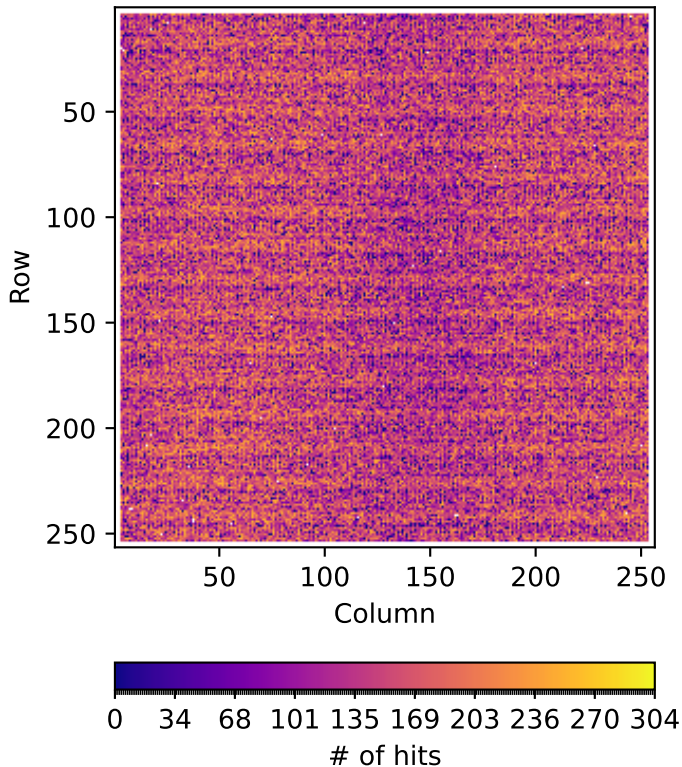
Parameter	Value
Ibias_DiscS1_OFF	8
Ibias_DiscS2_ON	128
Ibias_Preamp_OFF	8
Ibias_TPbufferOut	128
VPreamp_NCAS	128
Vfbk	132
Vthreshold_start	1550
mask_step	64

Parameter	Value
Ibias_DiscS1_ON	100
Ibias_Ikrum	3
Ibias_Preamp_ON	150
PLL_Vcntrl	128
VTP_coarse	100
Vthreshold_coarse	6
Vthreshold_stop	1800
tp_period	3

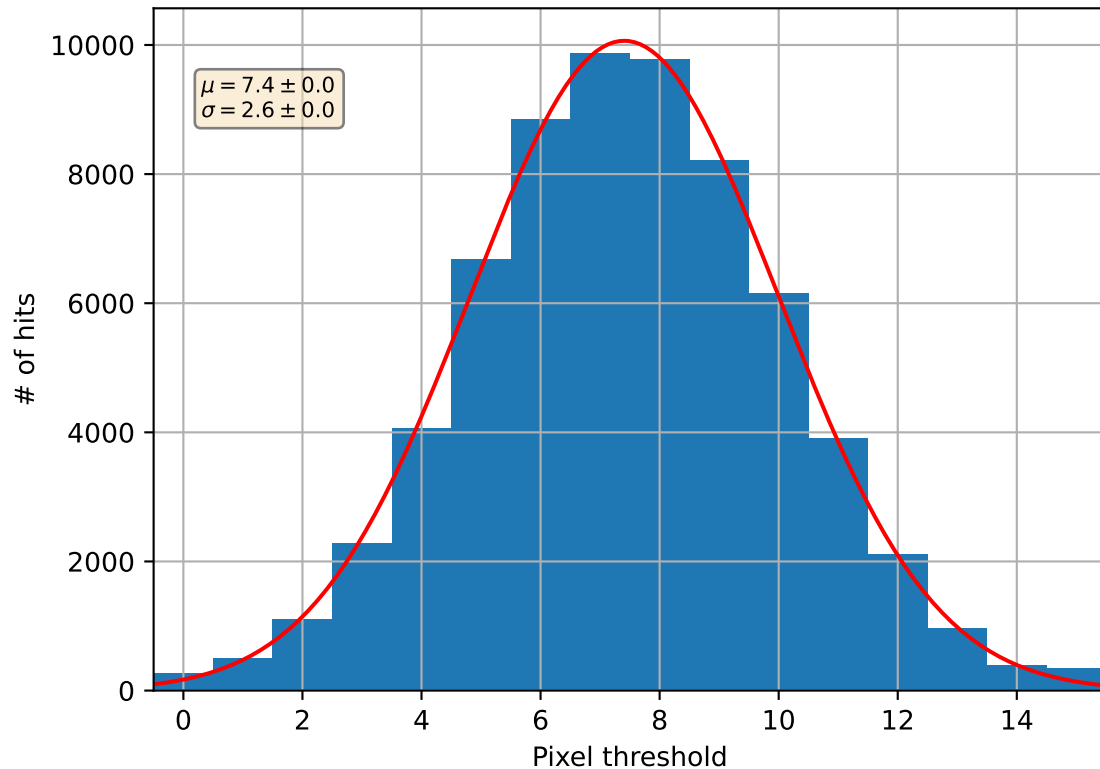
Have a good day!

Equalisation:  
/home/ixpe\_user/Timepix3/equalisations/W15-G6\_equal-Bonn.h5  
Maskfile:  
/home/ixpe\_user/Timepix3/masks/W15-G6\_mask-Bonn.h5

Software version: 0.9.0  
Readout board: FECv6  
Firmware version: 4

Integrated Occupancy ( $\Sigma = 9198361$ )

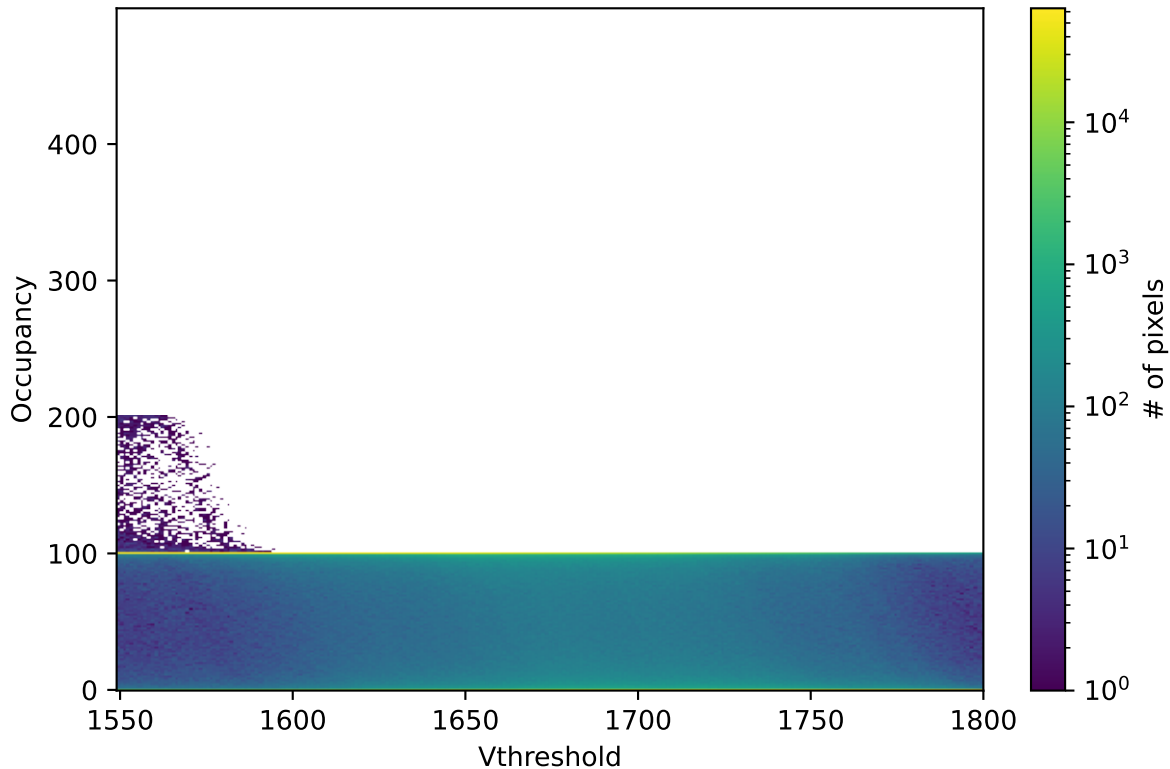
## Pixel threshold distribution



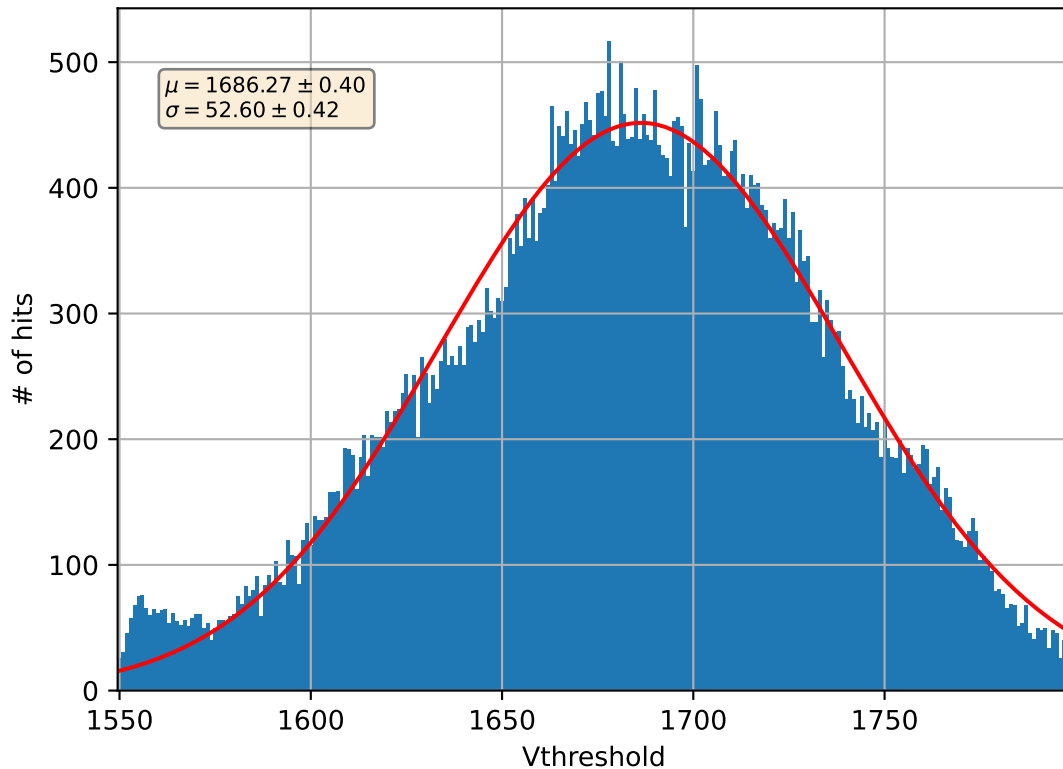
Timepix3 draft

Chip: W15-G6

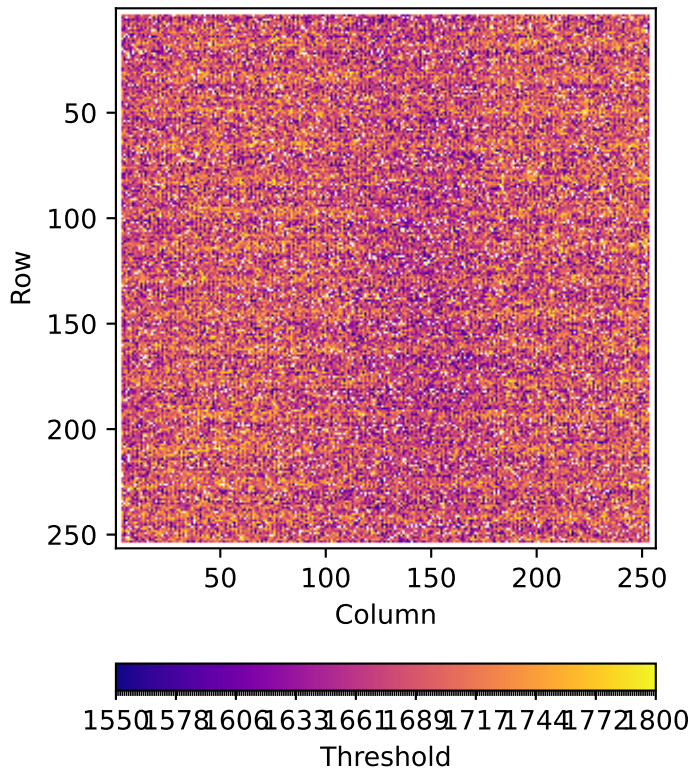
S-curves for 65536 pixel(s)



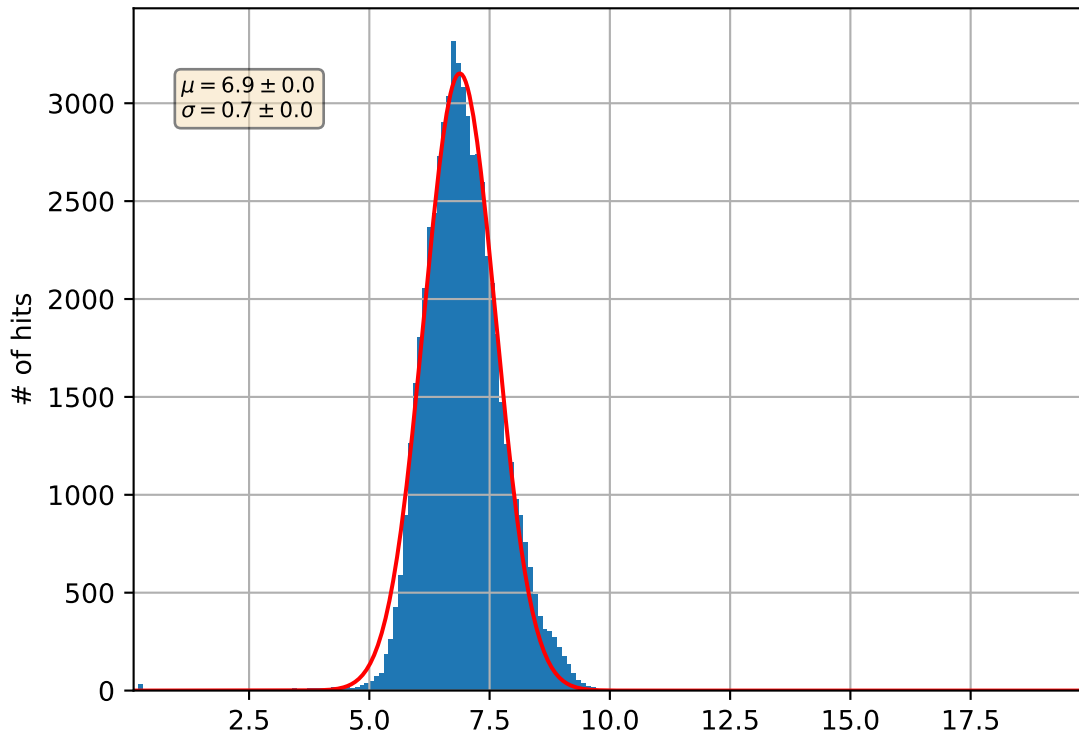
## Threshold distribution



## Threshold



## Noise distribution



## Noise

