

This is a tpx3-daq TestpulseScan for chip W15-G6.
Run name: TestpulseScan_2025-12-11_17-12-34

Parameter	Value
Ibias_CP_PLL	128
Ibias_DiscS2_OFF	8
Ibias_PixelDAC	100
Ibias_TPbufferIn	128
Sense_DAC	29
VTP_fine	307
Vthreshold_fine	365
n_injections	100

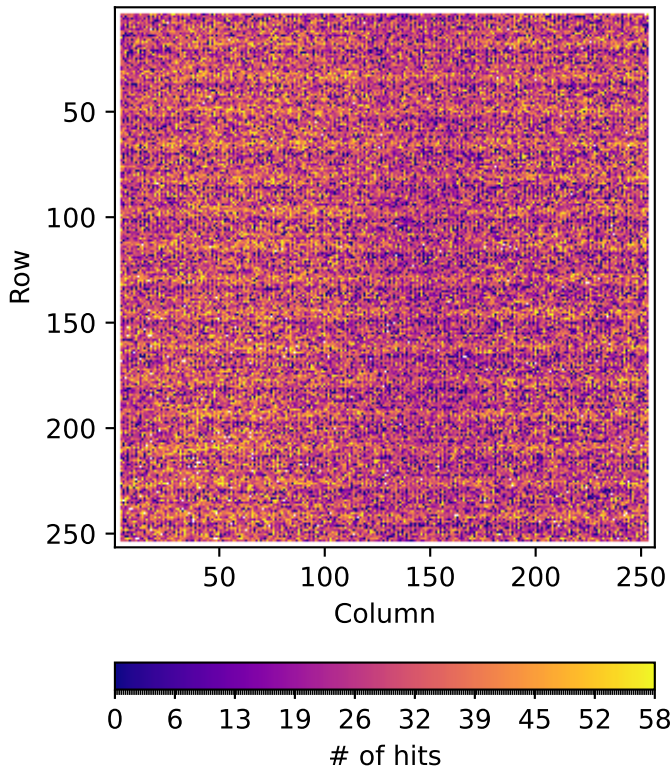
Parameter	Value
Ibias_DiscS1_OFF	8
Ibias_DiscS2_ON	128
Ibias_Preamp_OFF	8
Ibias_TPbufferOut	128
VPreamp_NCAS	128
Vfbk	132
VTP_fine_start	50
mask_step	16

Parameter	Value
Ibias_DiscS1_ON	100
Ibias_Ikrum	3
Ibias_Preamp_ON	150
PLL_Vcntrl	128
VTP_coarse	0
Vthreshold_coarse	8
VTP_fine_stop	150
tp_period	3

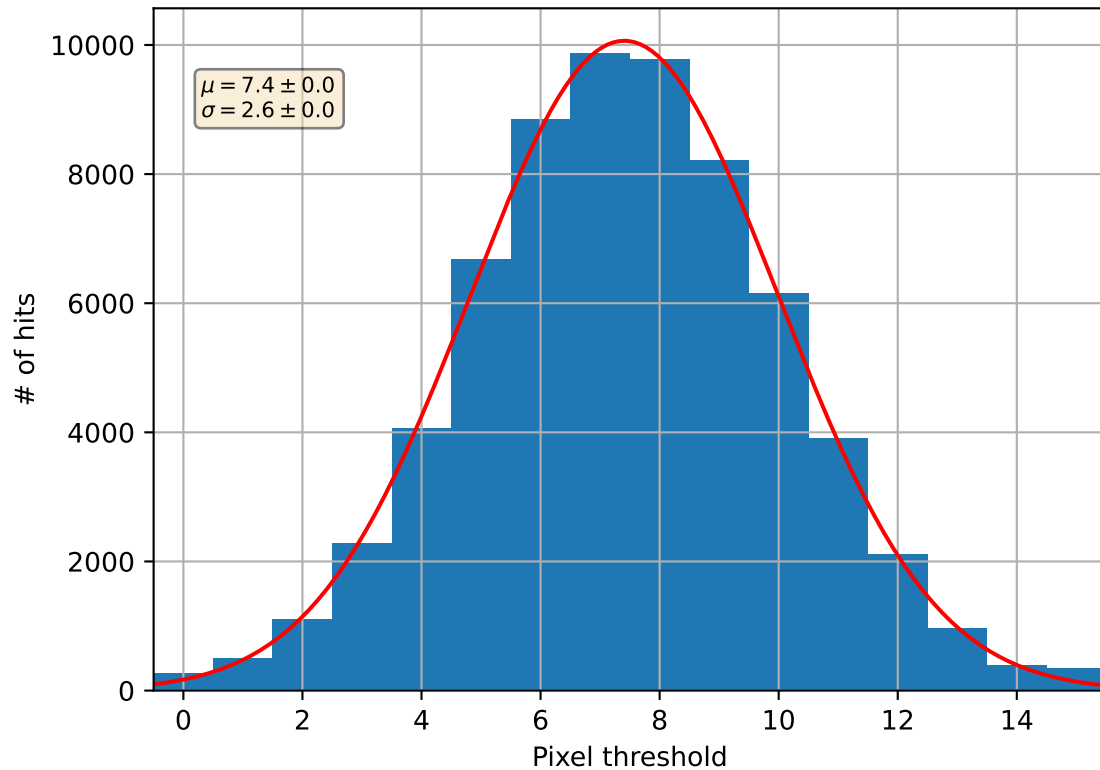
Have a good day!

Equalisation:
/home/ixpe_user/Timepix3/equalisations/WorkingEqualisation-27-09-2025.h5
Maskfile:
/home/ixpe_user/Timepix3/masks/WorkingMask-27-09-2025.h5

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

Integrated Occupancy ($\Sigma = 1812720$)

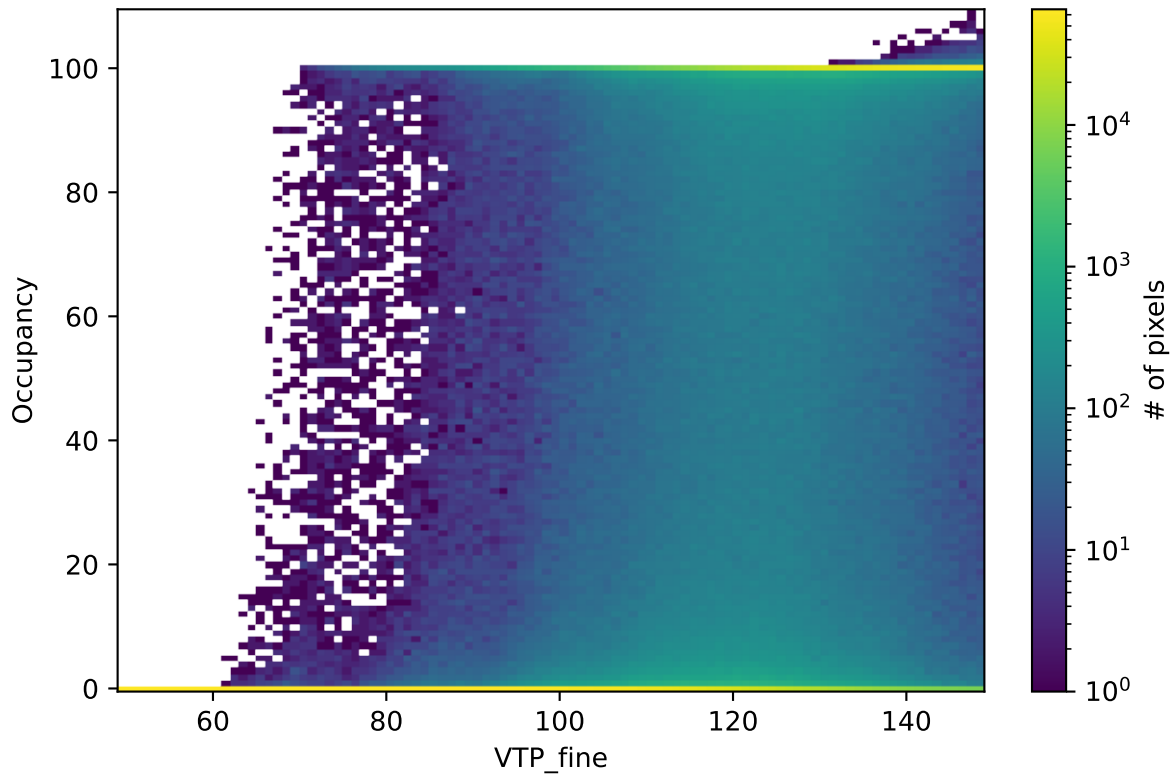
Pixel threshold distribution



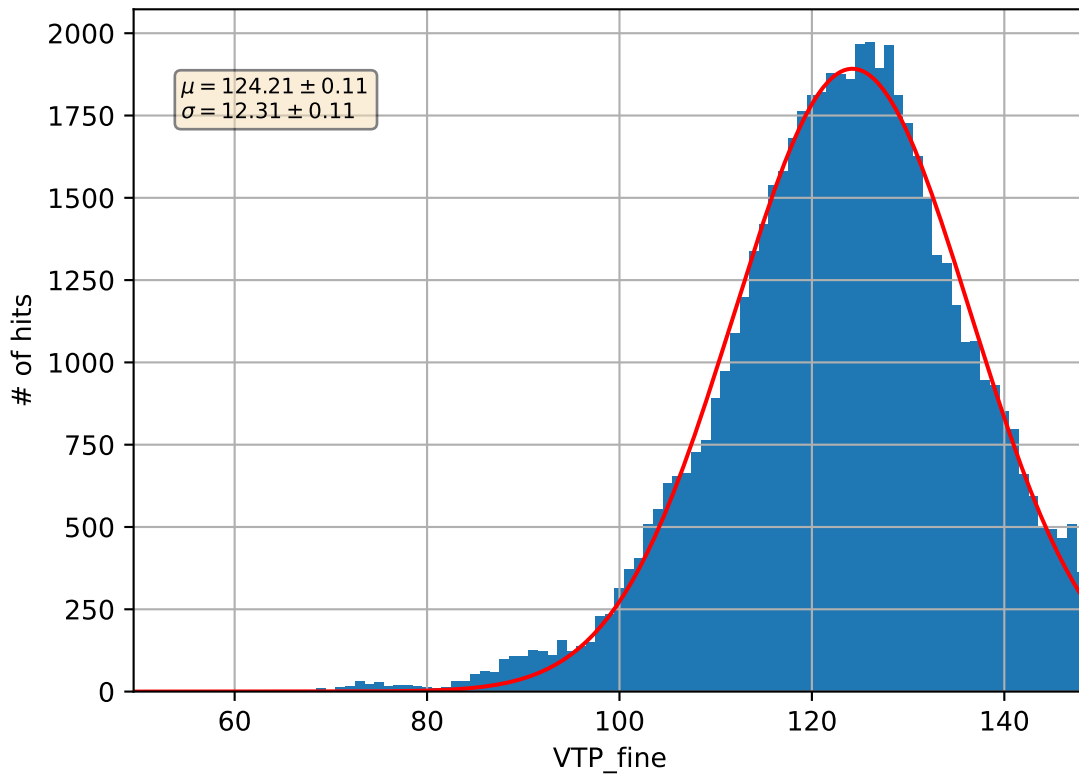
Timepix3 draft

Chip: W15-G6

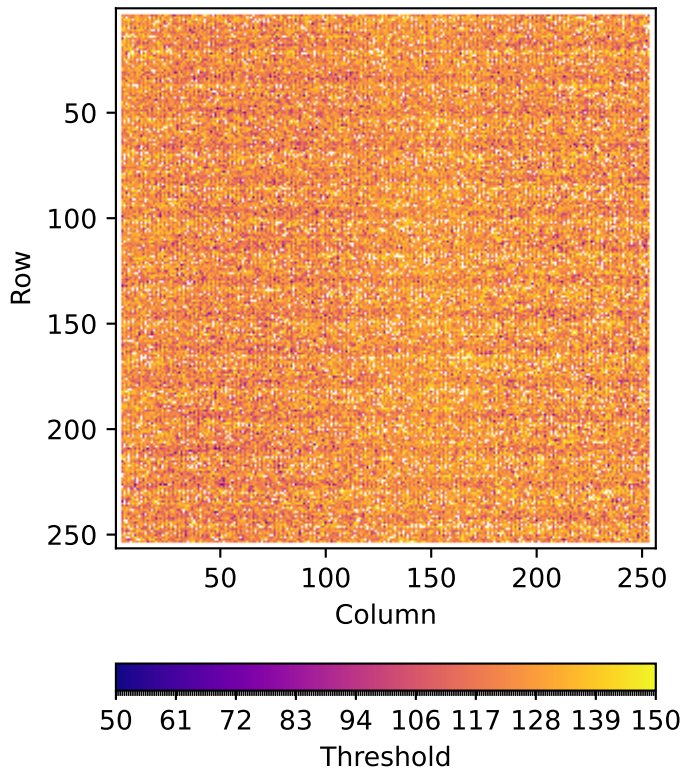
S-curves for 65536 pixel(s)



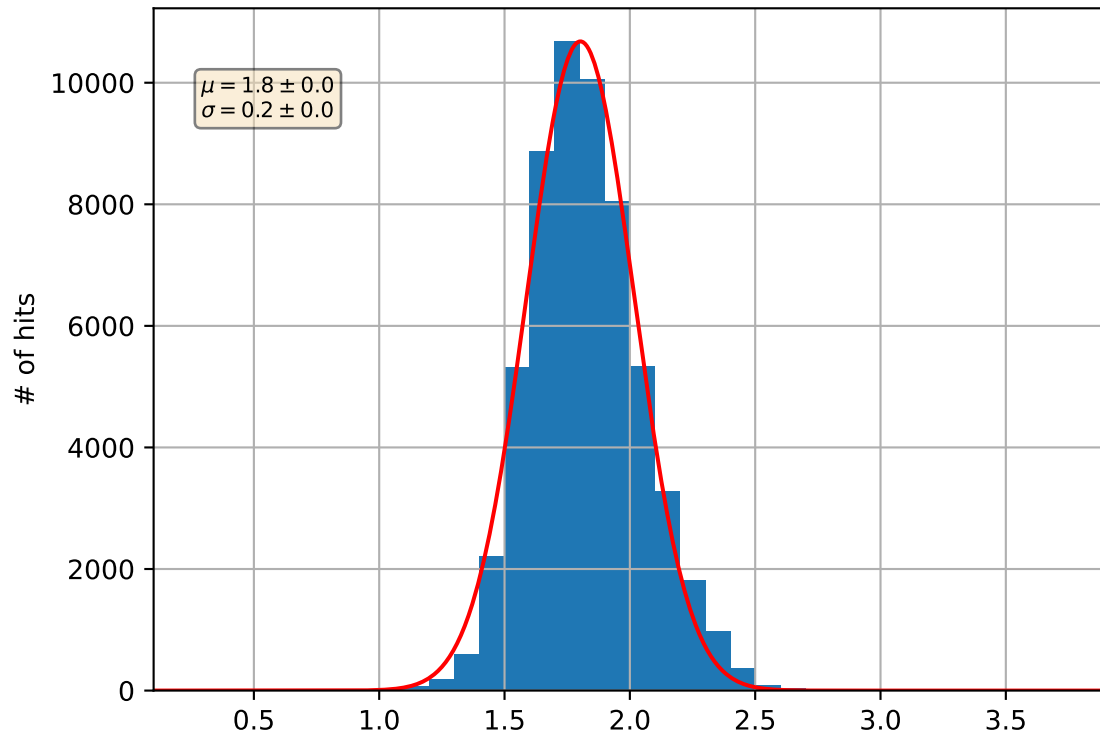
Threshold distribution



Threshold



Noise distribution



Noise

