

This is a tpx3-daq NoiseScan for chip W0-`0.
Run name: NoiseScan_2025-12-19_15-30-31

Parameter	Value
Ibias_CP_PLL	128
Ibias_DiscS2_OFF	8
Ibias_PixelDAC	127
Ibias_TPbufferIn	128
Sense_DAC	29
VTP_fine	300
Vthreshold_fine	430
shutter	0.01

Parameter	Value
Ibias_DiscS1_OFF	8
Ibias_DiscS2_ON	128
Ibias_Preamp_OFF	8
Ibias_TPbufferOut	128
VPreamp_NCAS	128
Vfbk	132
Vthreshold_start	1700

Parameter	Value
Ibias_DiscS1_ON	100
Ibias_Ikrum	3
Ibias_Preamp_ON	150
PLL_Vcntrl	128
VTP_coarse	100
Vthreshold_coarse	7
Vthreshold_stop	1750

Have a good day!

Equalisation:

/home/ixpe_user/Timepix3/equalisations/WorkingEqualisation-27-09-2025.h5

Maskfile:

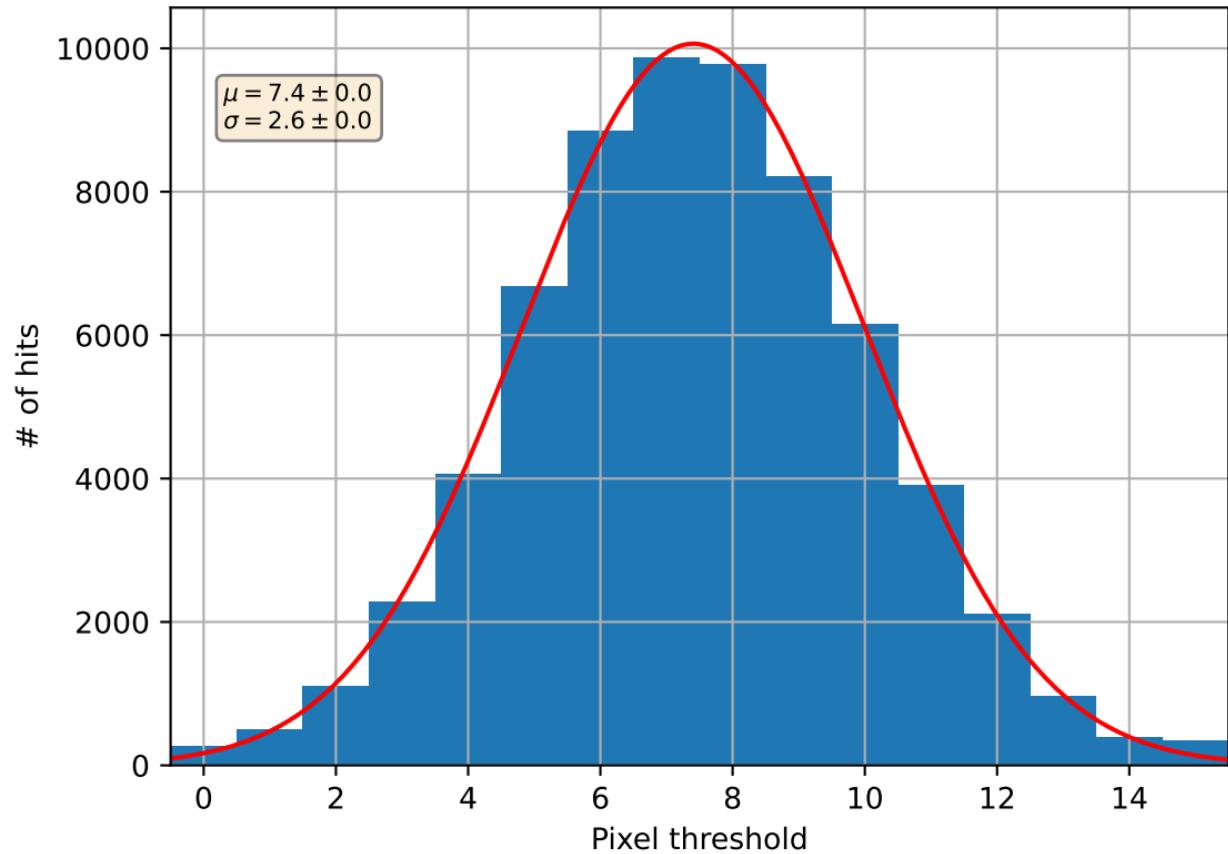
/home/ixpe_user/Timepix3/masks/20251212v2.h5

Software version: 0.9.0
Readout board: MIMAS_A7
Firmware version: 4

Timepix3 draft

Chip: W0-`0

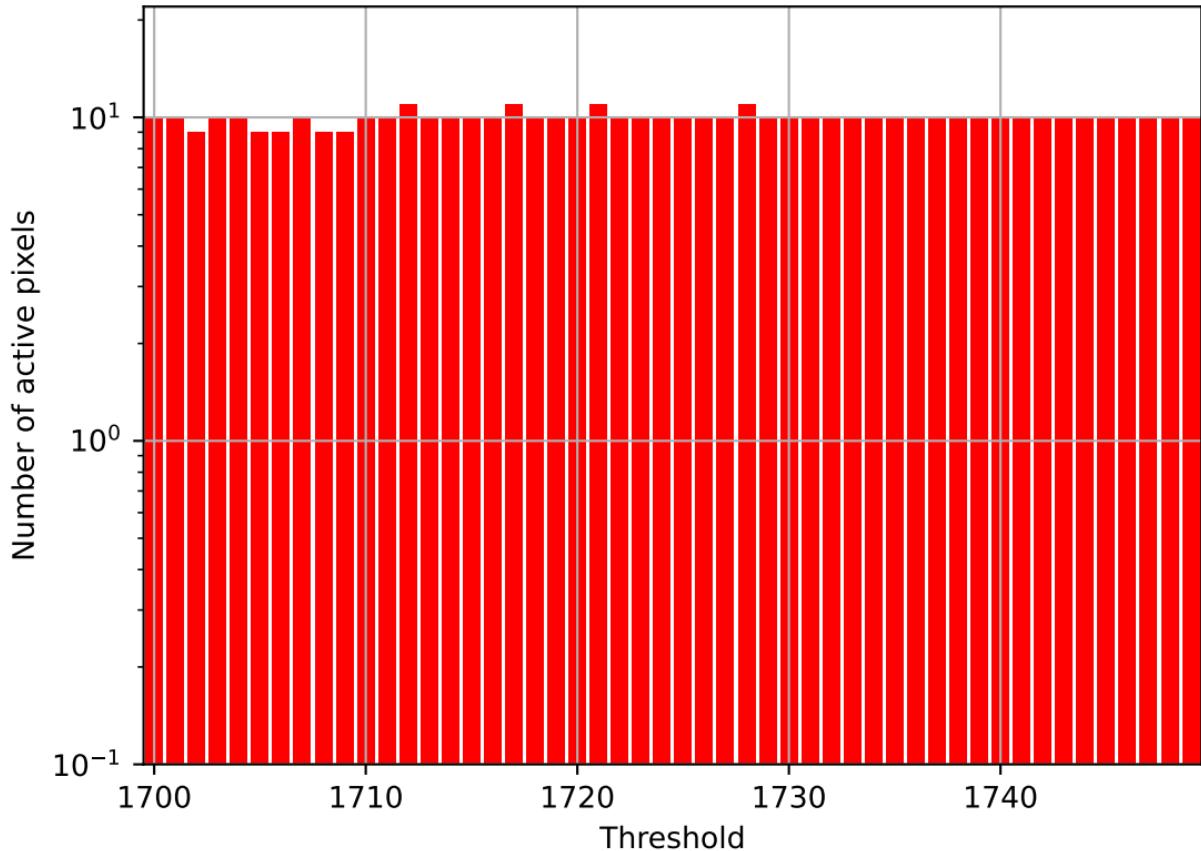
Pixel threshold distribution



Timepix3 draft

Chip: W0-`0

Noise pixel per threshold



Timepix3 draft

Chip: W0-`0

Noise hits per threshold

