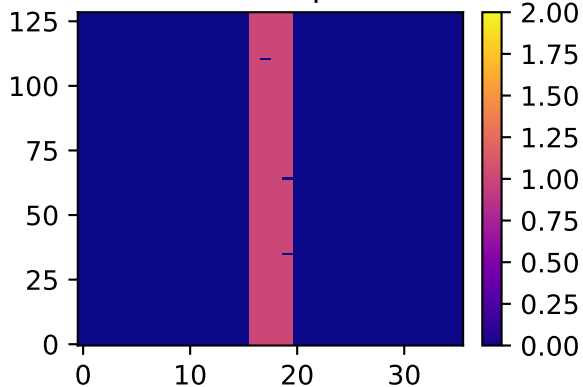


# Chip configuration

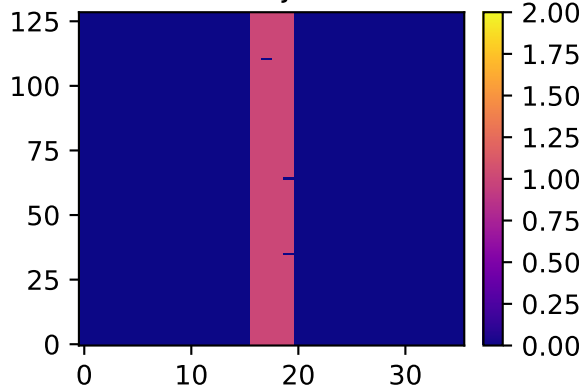
| Param     | Value             | Param             | Value              | Param     | Value |
|-----------|-------------------|-------------------|--------------------|-----------|-------|
| BLRes     | 32                | VCascC[V]         | 0.80024316675      | VPLoad    | 11    |
| BL[V]     | 0.750341831166    | VCascC[mA]        | -0.0341521108066   | Vbias_CS  | 32    |
| BL[mA]    | 0.165990175419    | VCascCset         | 0.8                | Vfs       | 32    |
| BLset     | 0.75              | VCascN[V]         | 0.40083772064      | Vsf_dis1  | 10    |
| IBOTA     | 32                | VCascN[mA]        | -0.0374982734397   | Vsf_dis2  | 20    |
| IComp     | 32                | VCascNset         | 0.4                | Vsf_dis3  | 30    |
| ILVDS     | 32                | VDDA[V]           | 1.79289202196      | inj_delay | 5000  |
| INJ_Hiset | 0.695             | VDDA[mA]          | 5.616529772        | inj_n     | 100   |
| INJ_LOset | 0.1               | VDDAset           | 1.8                | inj_width | 5000  |
| LSBdacl   | 45                | VDDD[V]           | 1.795278124        |           |       |
| NTC[V]    | 0.043124243       | VDDD[mA]          | 2.79704329735      |           |       |
| NTC[mA]   | 0.00468387075     | VDDDset           | 1.8                |           |       |
| NTCset    | 5                 | VDD_BCID_BUFF[V]  | 1.69168245838      |           |       |
| PBias[V]  | 1.82314792706     | VDD_BCID_BUFF[mA] | 12.0438562526      |           |       |
| PBias[mA] | -0.00112305991013 | VDD_BCID_BUFFset  | 1.7                |           |       |
| PBiasset  | 0.5               | VPC[V]            | 1.49956992545      |           |       |
| TH[V]     | 0.766757103148    | VPC[mA]           | -6.03673399586e-08 |           |       |
| TH[mA]    | 0.00846572172922  | VPCset            | 1.5                |           |       |
| THset     | 0.7655            | VPFB              | 32                 |           |       |
| VAmp      | 32                | VPFoll            | 12                 |           |       |

## Pixel configuration

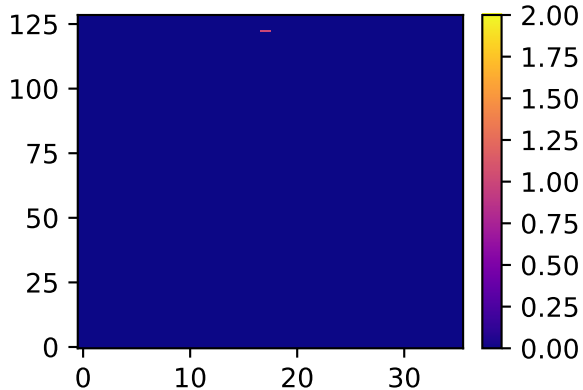
Preamp



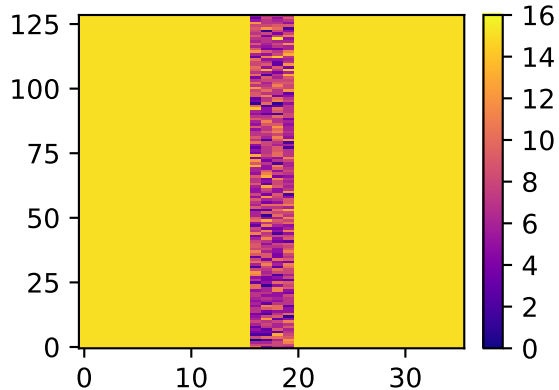
Inj



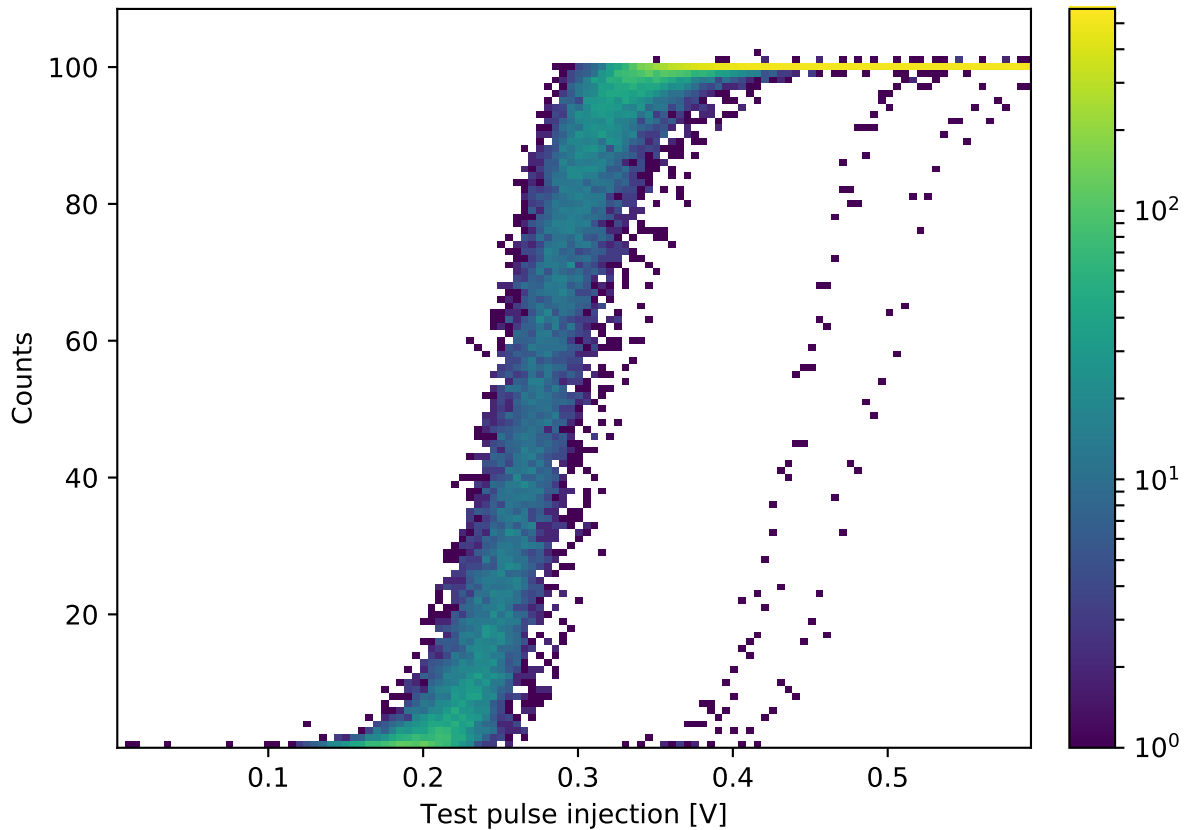
Mon



TDAC

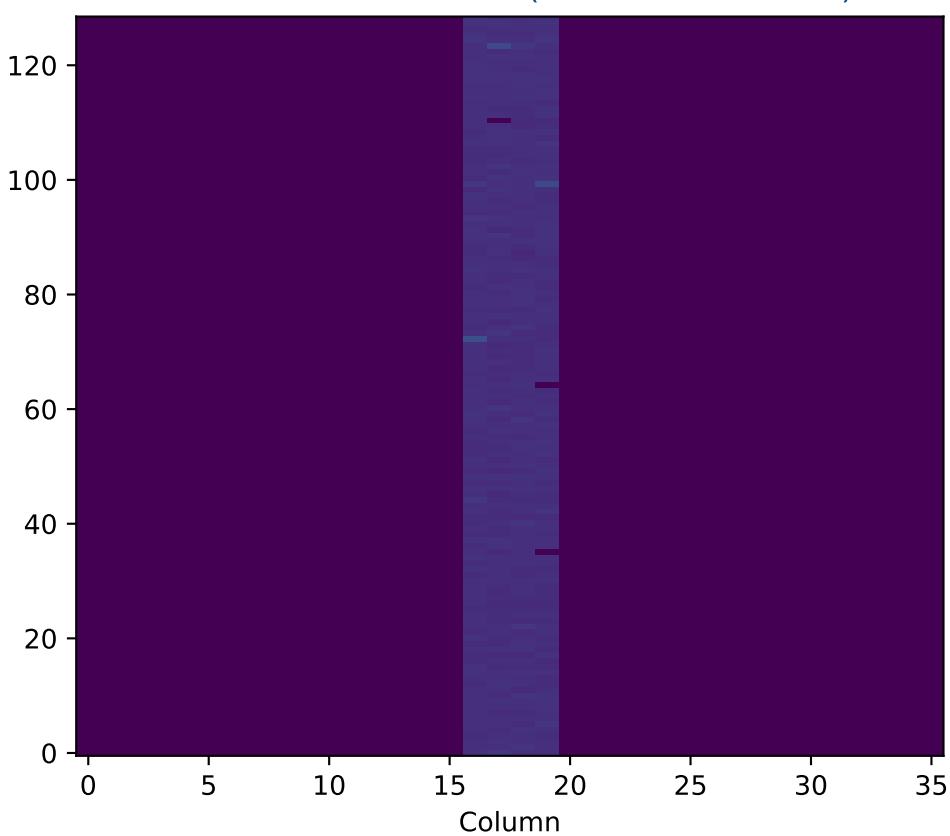


Superimposed scurve ( $\Sigma = 41391$ )



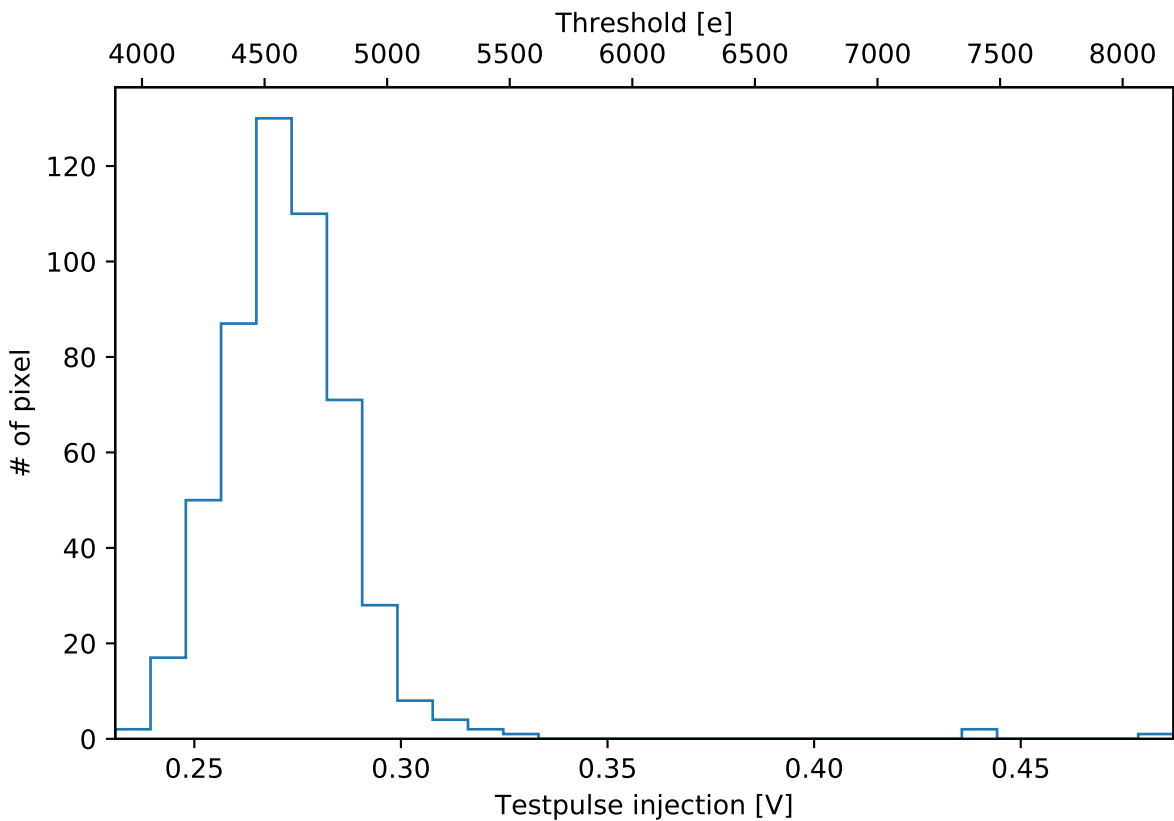
Threshold distribution ( $\Sigma = 140.03137207$ )

Row



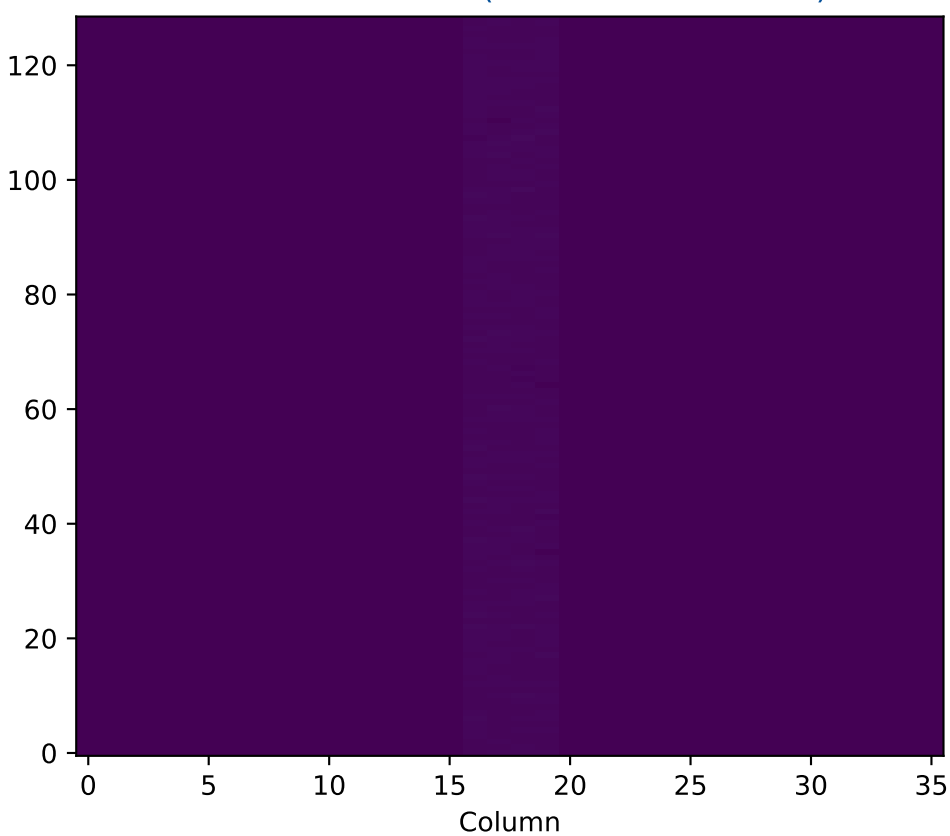
None

# Threshold distribution



Noise distribution ( $\Sigma = 16.2725086212$ )

Row



None

# Threshold distribution

