



Noise study and Edge Effects

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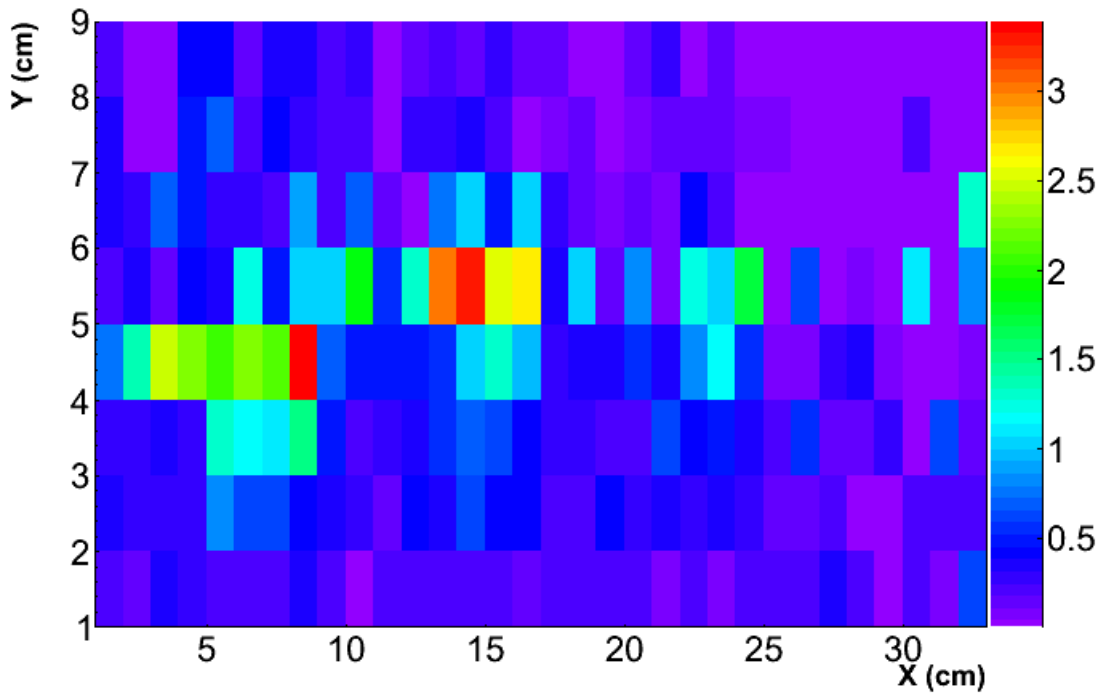
Noise study

- Noise rate taken between two spills

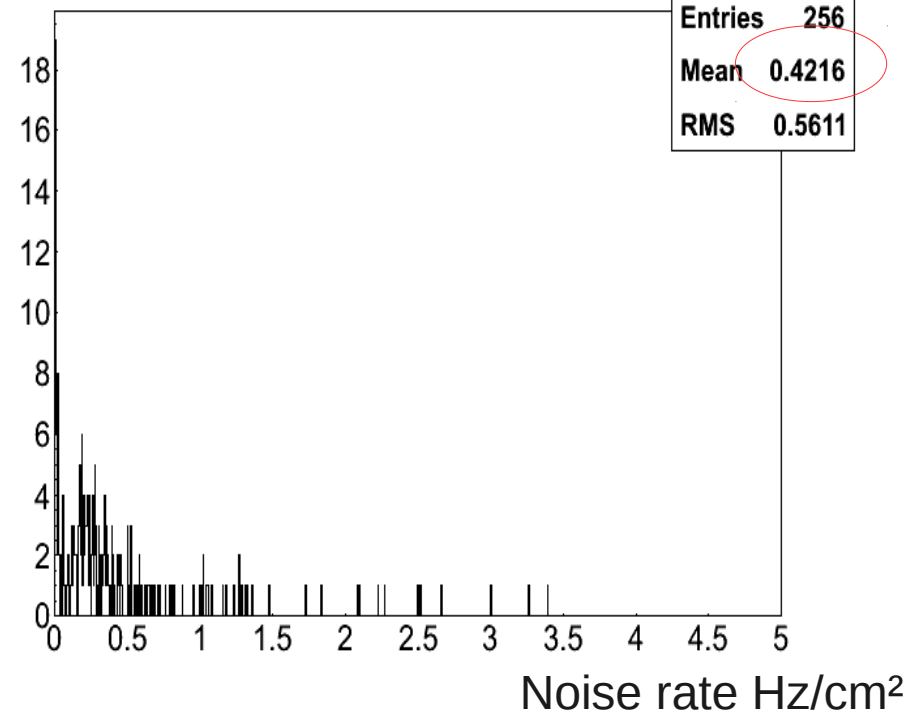
$$\text{noise rate(Hz/cm}^2\text{)} = \text{Number of hits(per cell)/Time(s)}$$

Noise Rate RUN 102 Layer 2

Noise Rate Map PCB B RUN 102 (Hz/cm²)

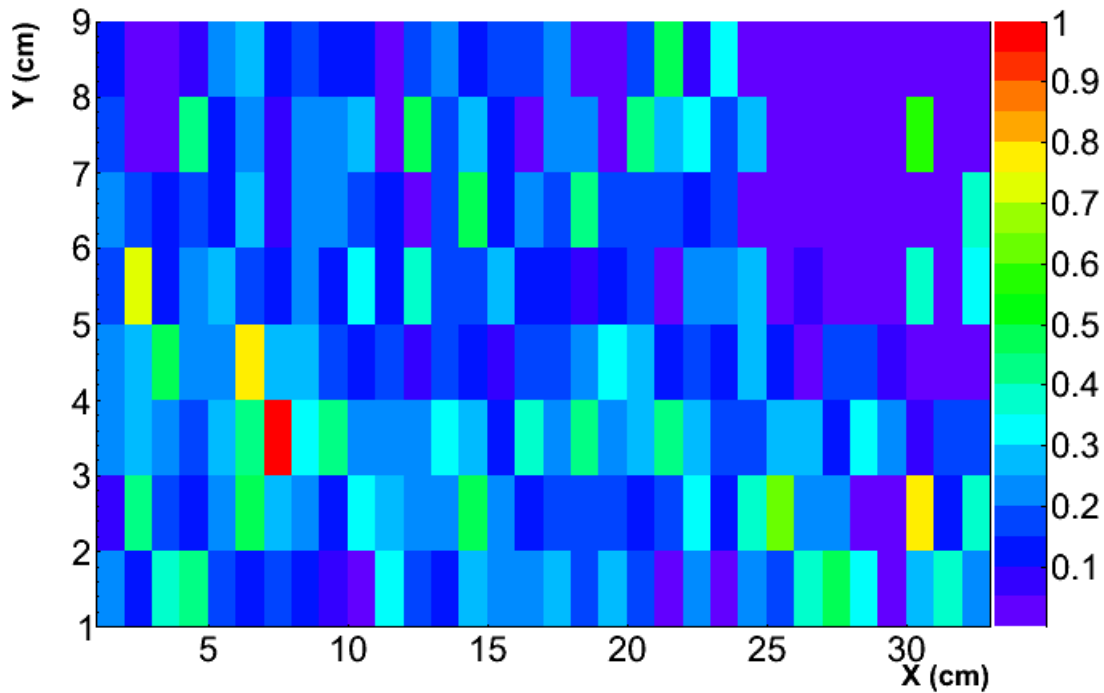


NoiseProj1

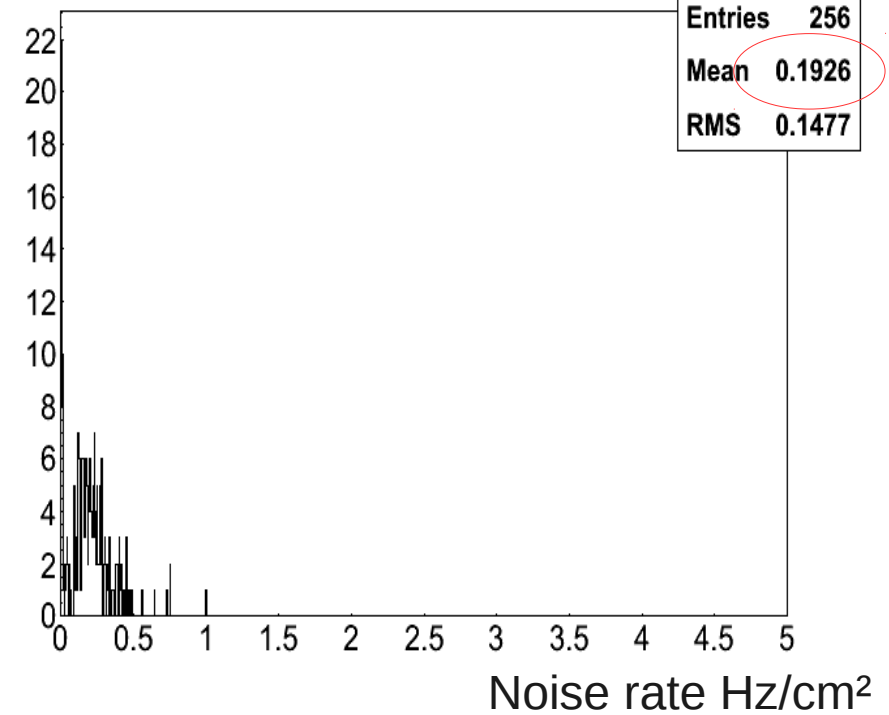


Noise Rate RUN 102 Layer 4

Noise Rate Map PCB D (Hz/cm²)

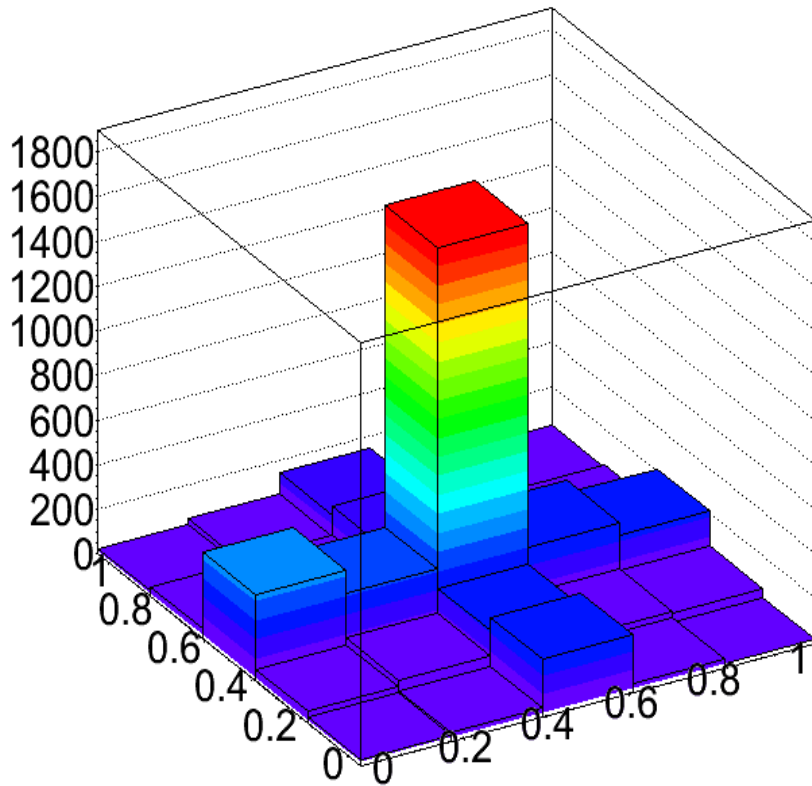


NoiseProj3



Multiplicity Edge Effect

Tracks Position Layer 2



Cell Multiplicity Vs Track Position

