



Optimization of ECAL for the LUXE experiment

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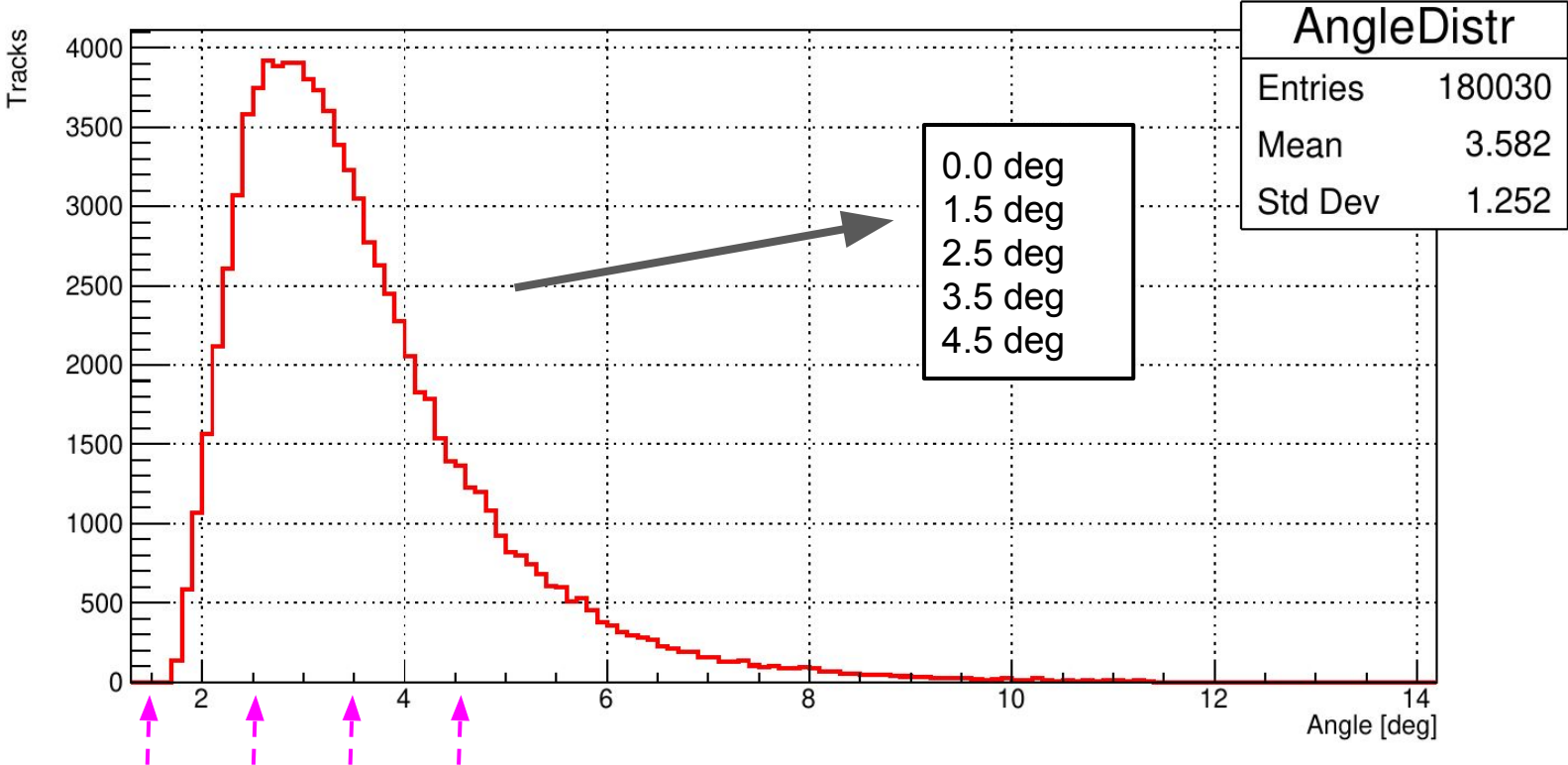
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1. **Rotation**
2. **Background (old)**

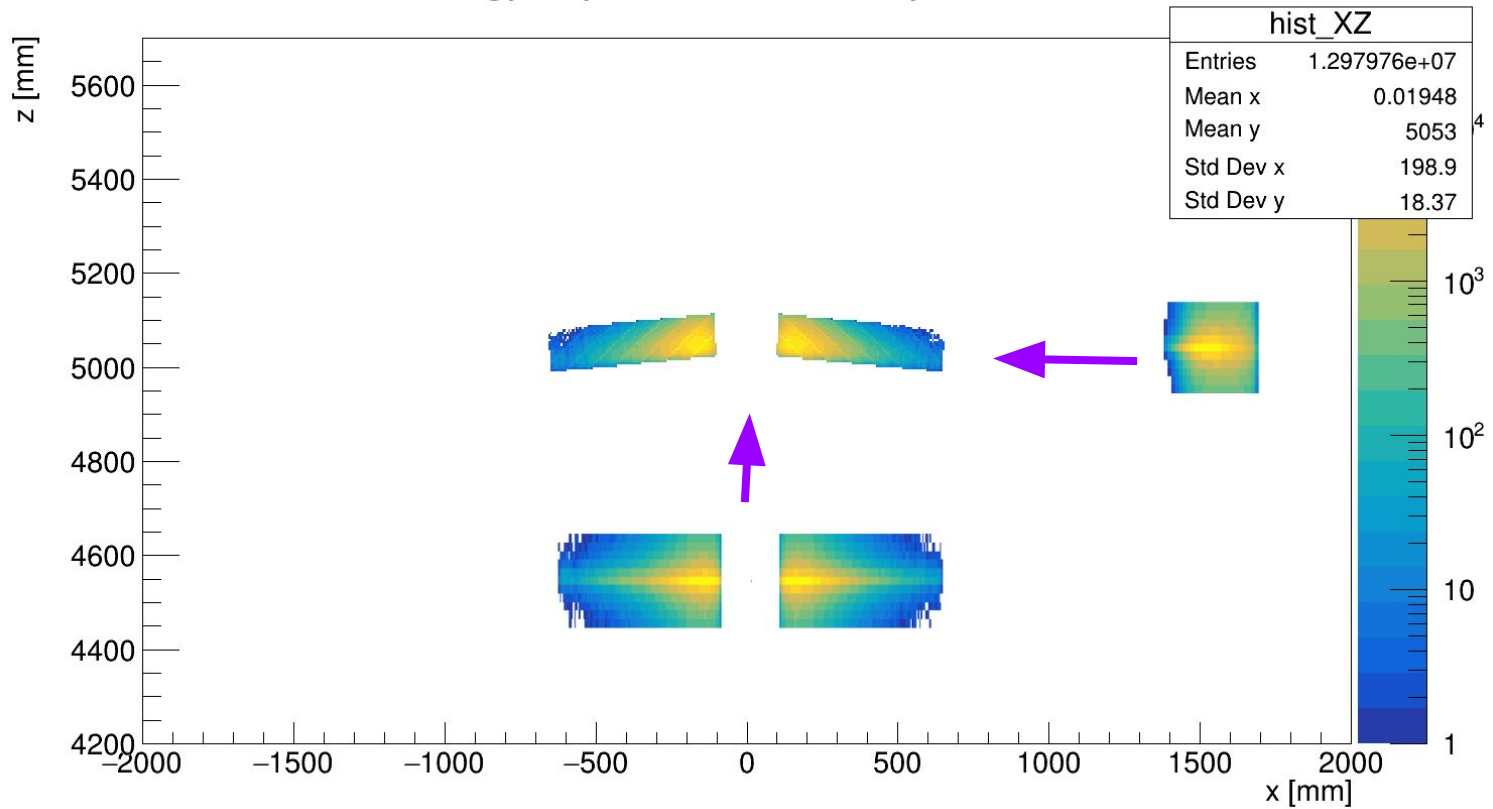
Rotation

Angle at the first layer of cal



Rotation

Energy in pads XZ & Primary Particles



Rotation

- Did not calculate counts yet
- What do we want to evaluate from this calculations?

Background

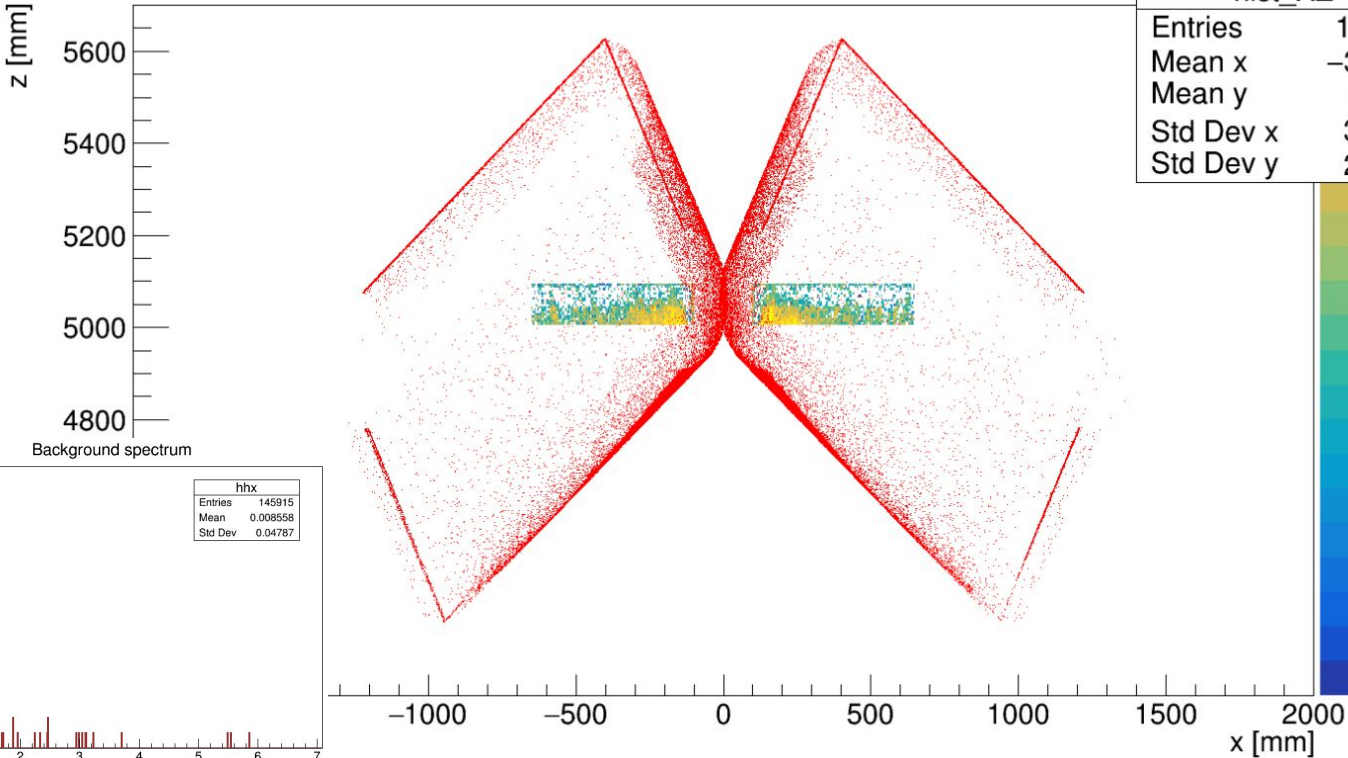
Energy in pads XZ & Primary Particles

hist_XZ	
Entries	12245
Mean x	-3.844
Mean y	5030
Std Dev x	309.8
Std Dev y	20.63

All:
~ 730 GeV

Absorbed:
~ 300 GeV

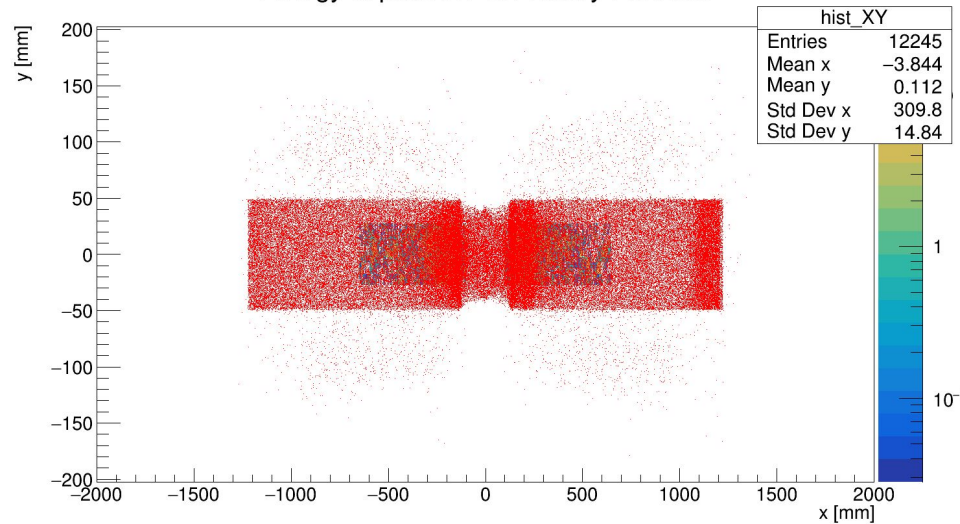
+N:
~ 60 part.



hhx	
Entries	145915
Mean	0.008558
Std Dev	0.04787

Background

Energy in pads XY & Primary Particles



Energy in pads ZY & Primary Particles

