



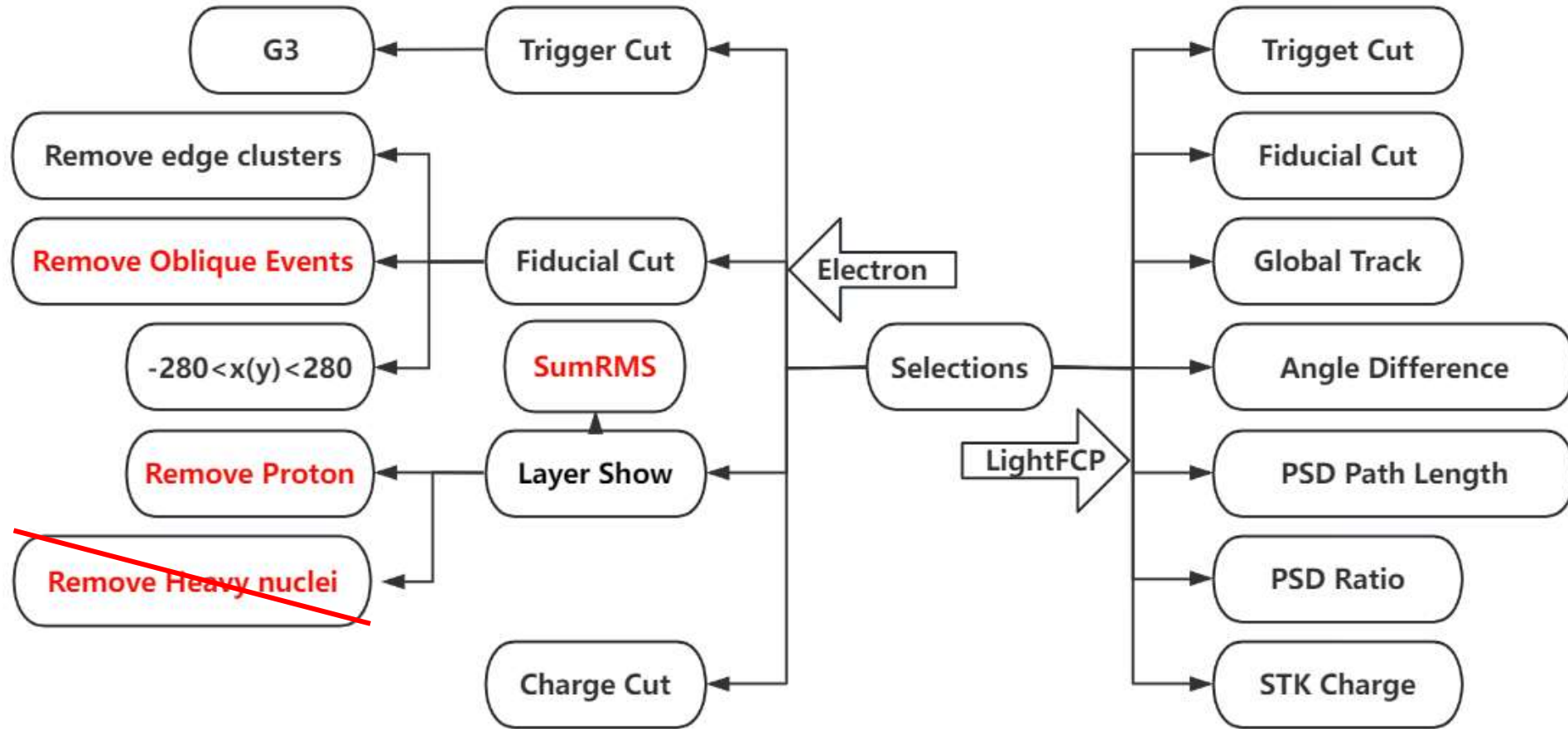
中国科学技术大学
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LightFCP

Rong Yi

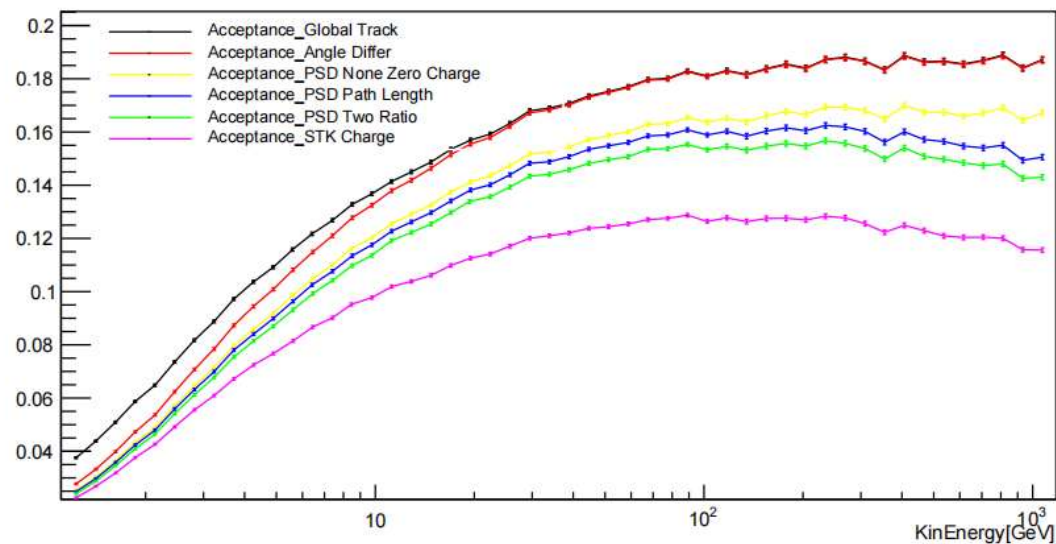
2024/11/7

Selections

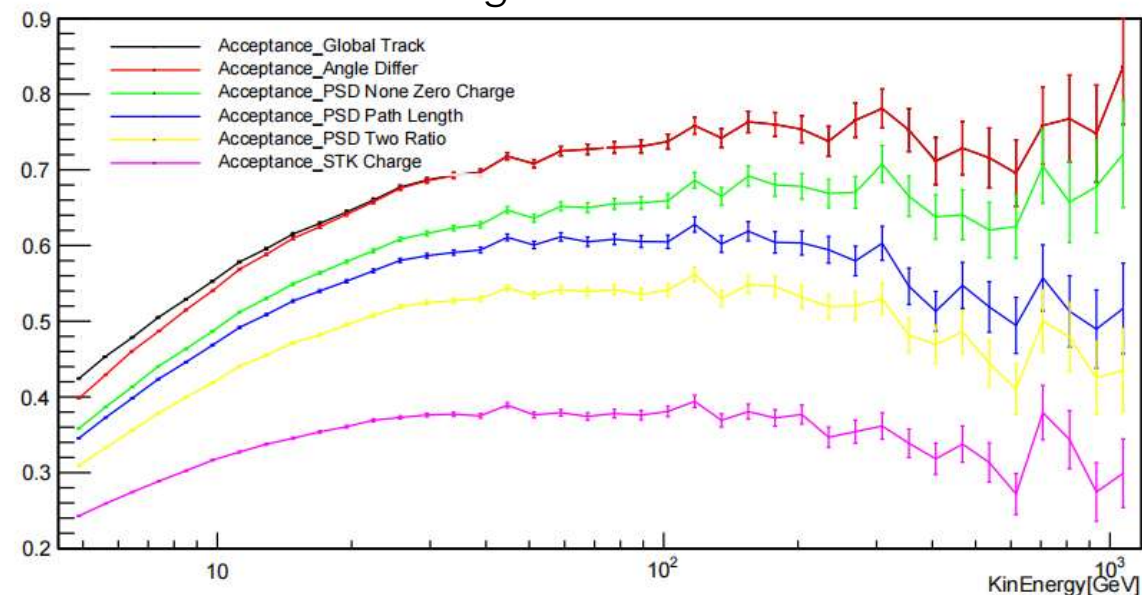


- 新的模拟结果（右下图） Acceptance 有明显降低。
- 新结果与之前计算的 Electron 结果（下图）接近。
- PSD Cut 后高能区的接收度明显下降。

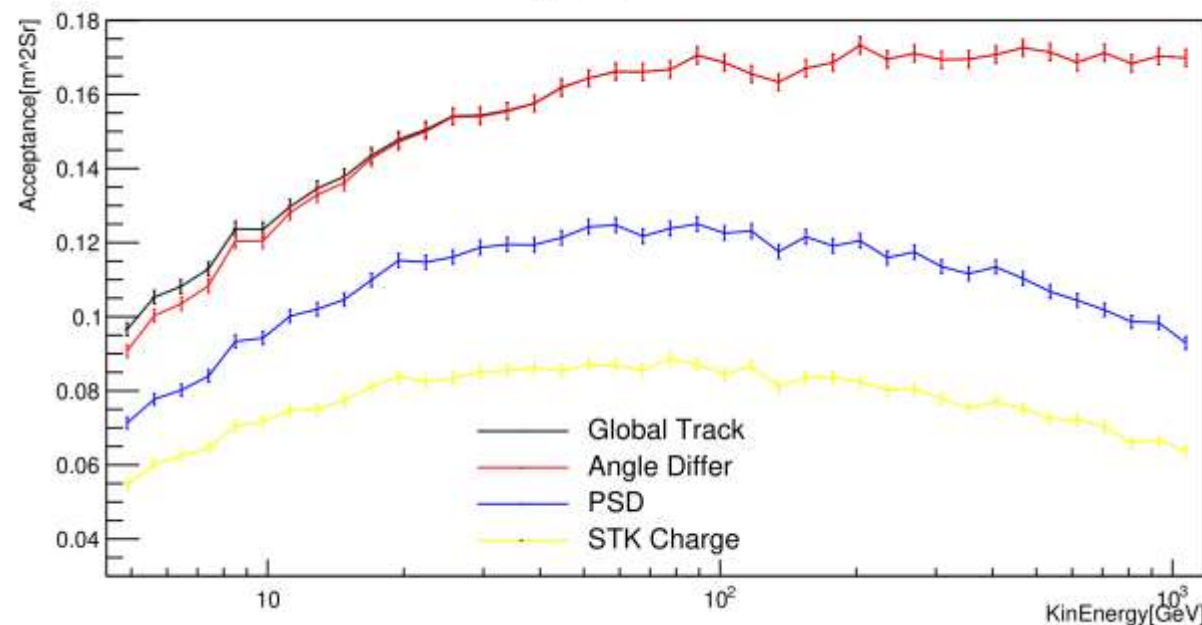
Electron



LightFCP

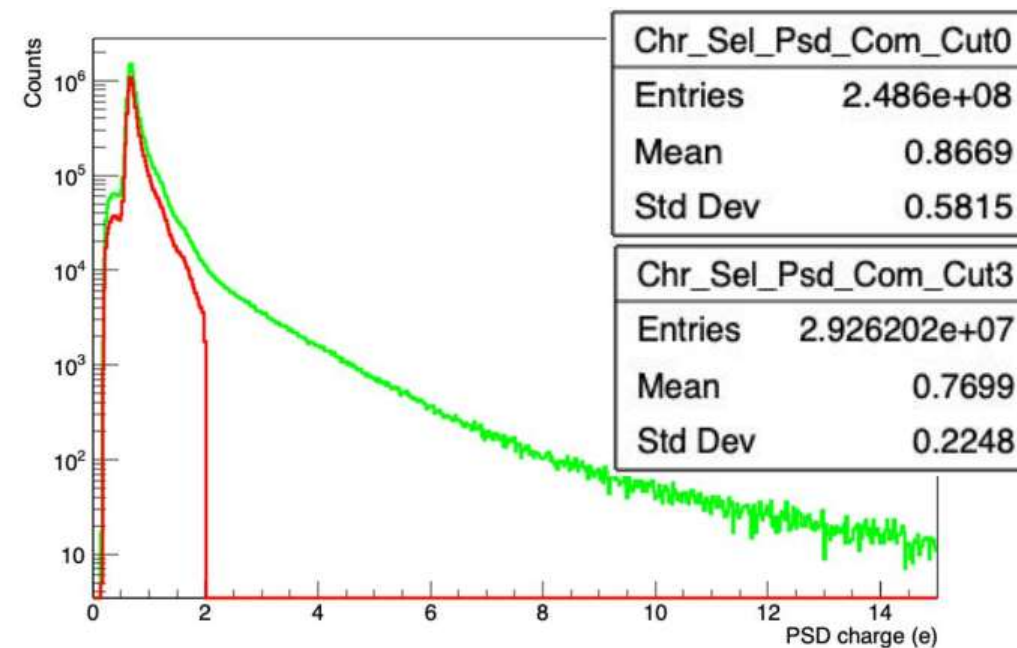
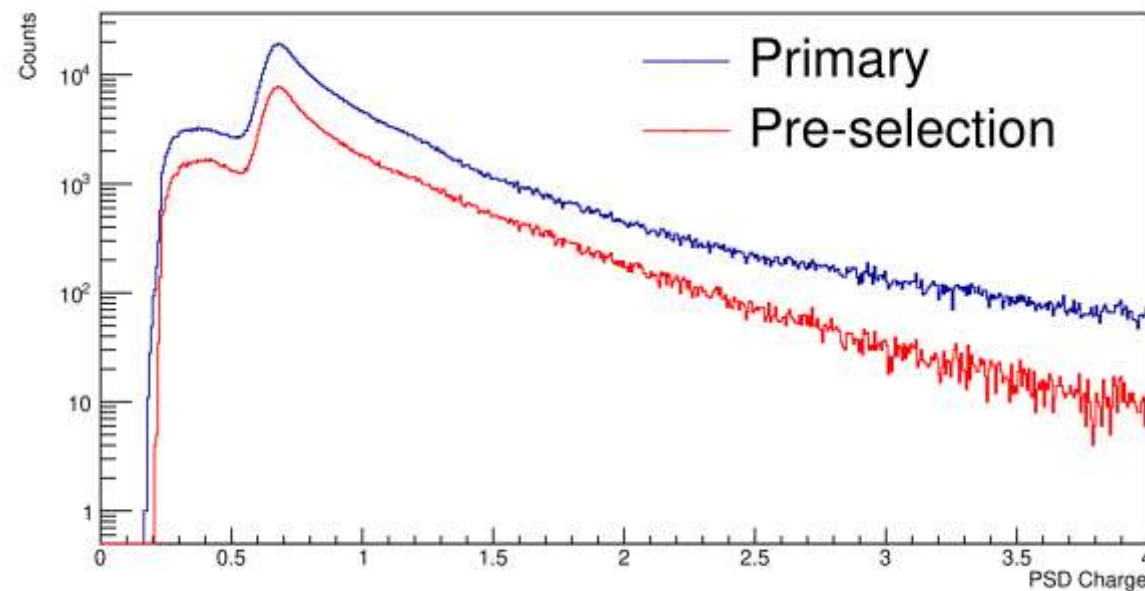
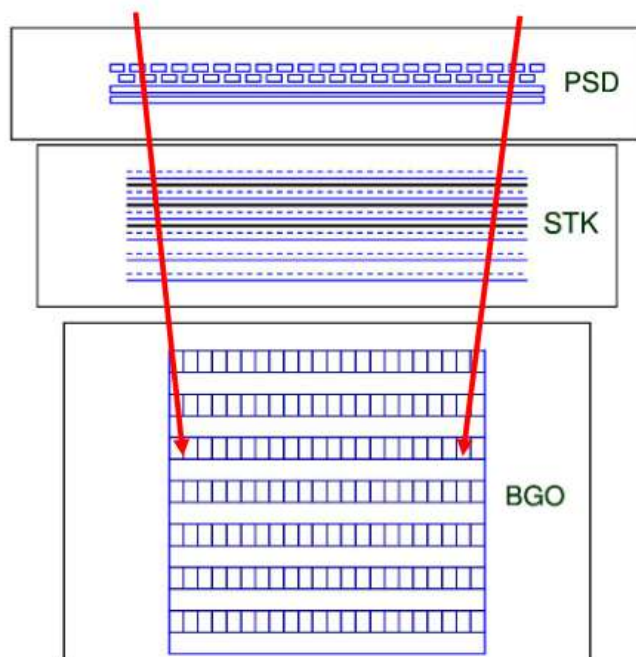


LightFCP



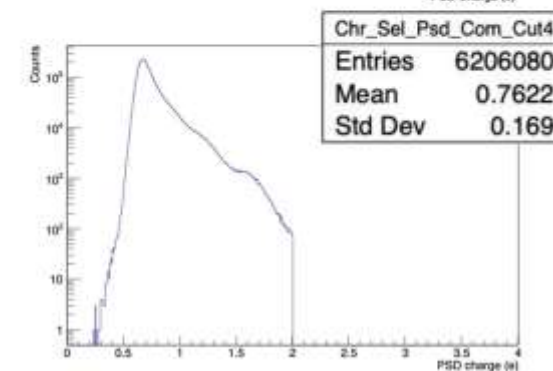
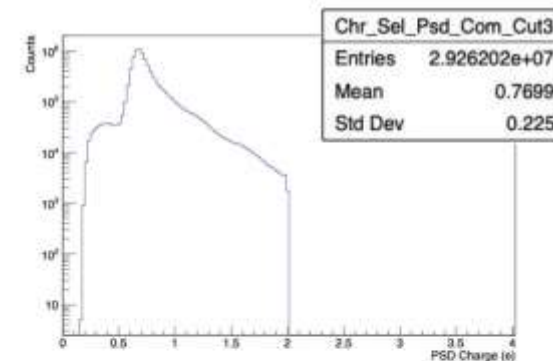
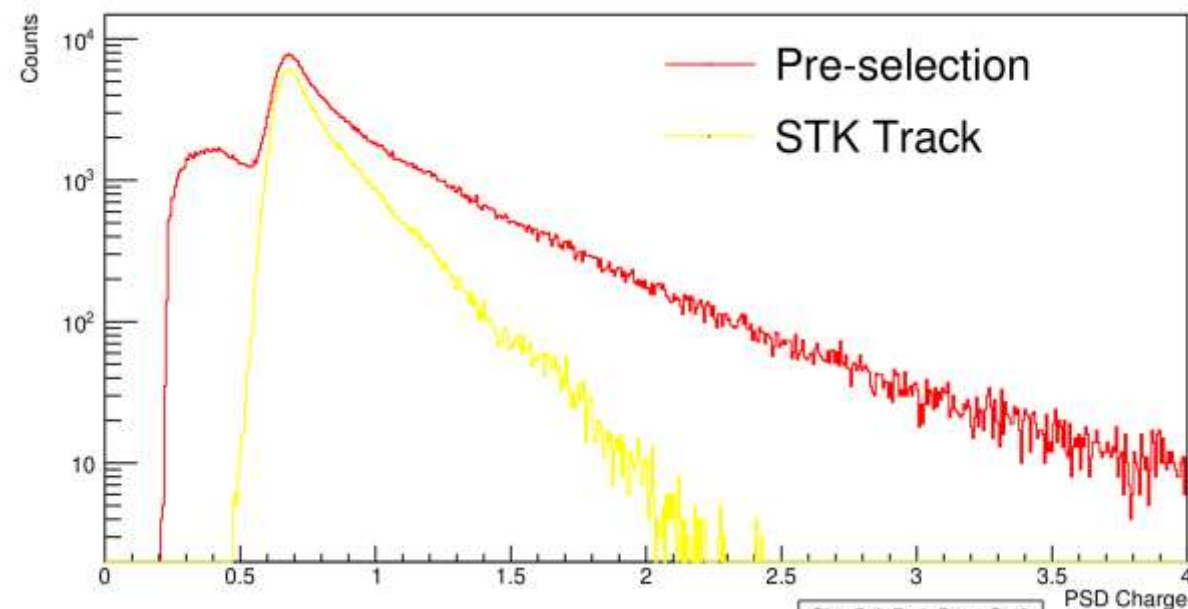
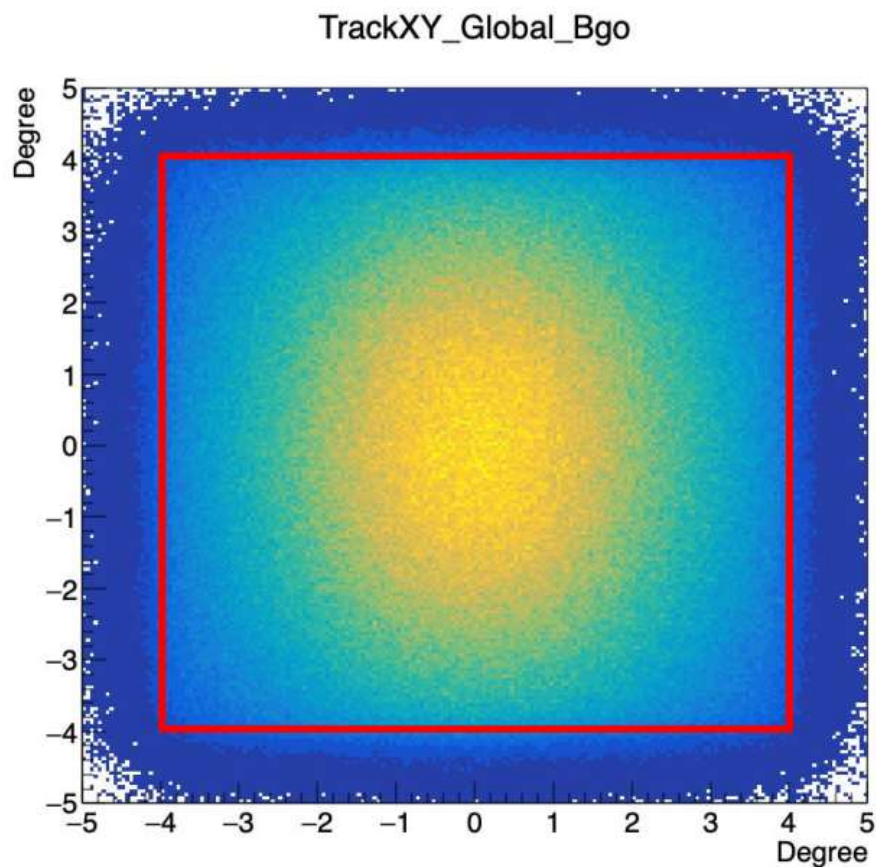
Pre-selection

- Trigger: G0, G3, G4
- Fiducial: 如下图



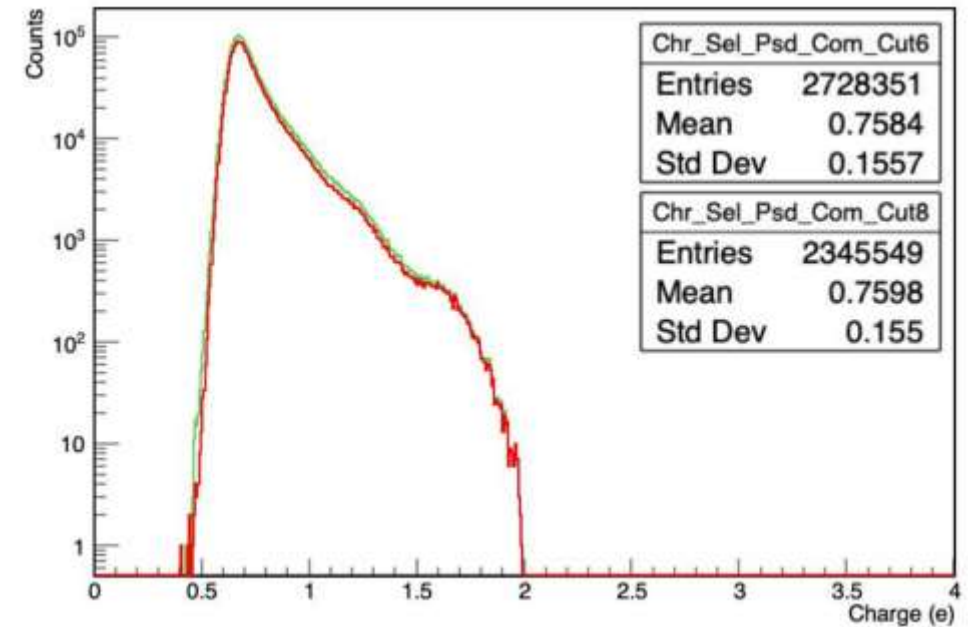
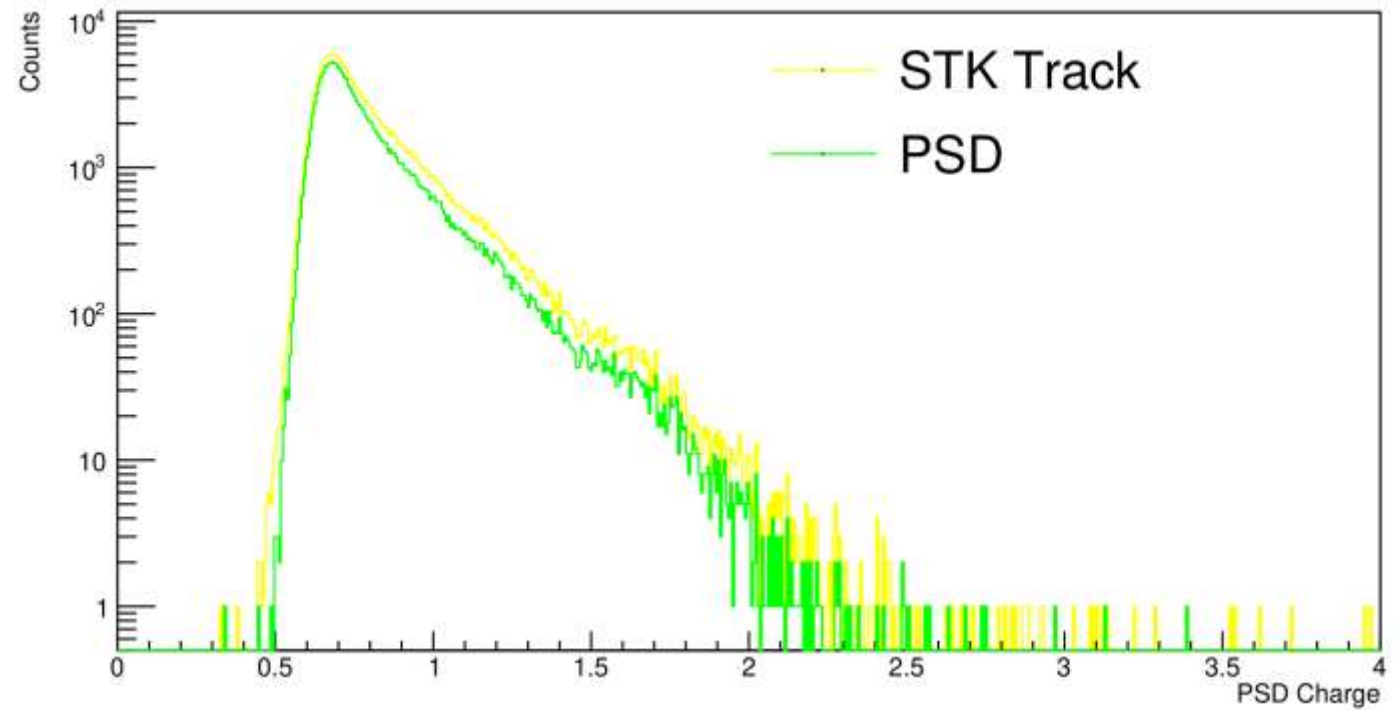
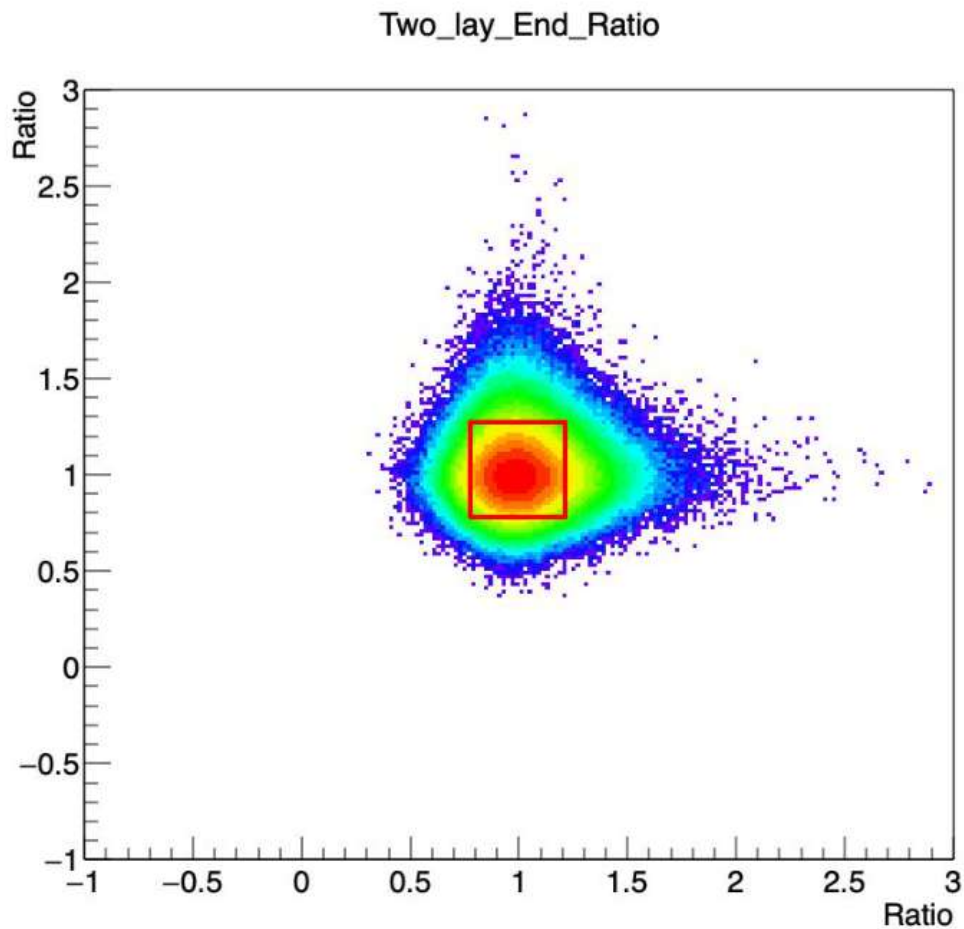
Track Selection

- Global Track: STK Track
- Angle Differ: between tracks of BGO and STK



PSD Cuts

- PSD Path Length
- Two Layers Ratio



Confusions

Unit: mm

