

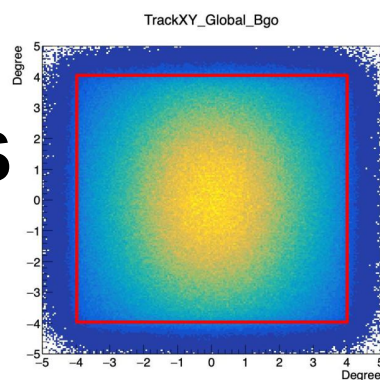
中国科学技术大学
University of Science and Technology of China

LightFCP

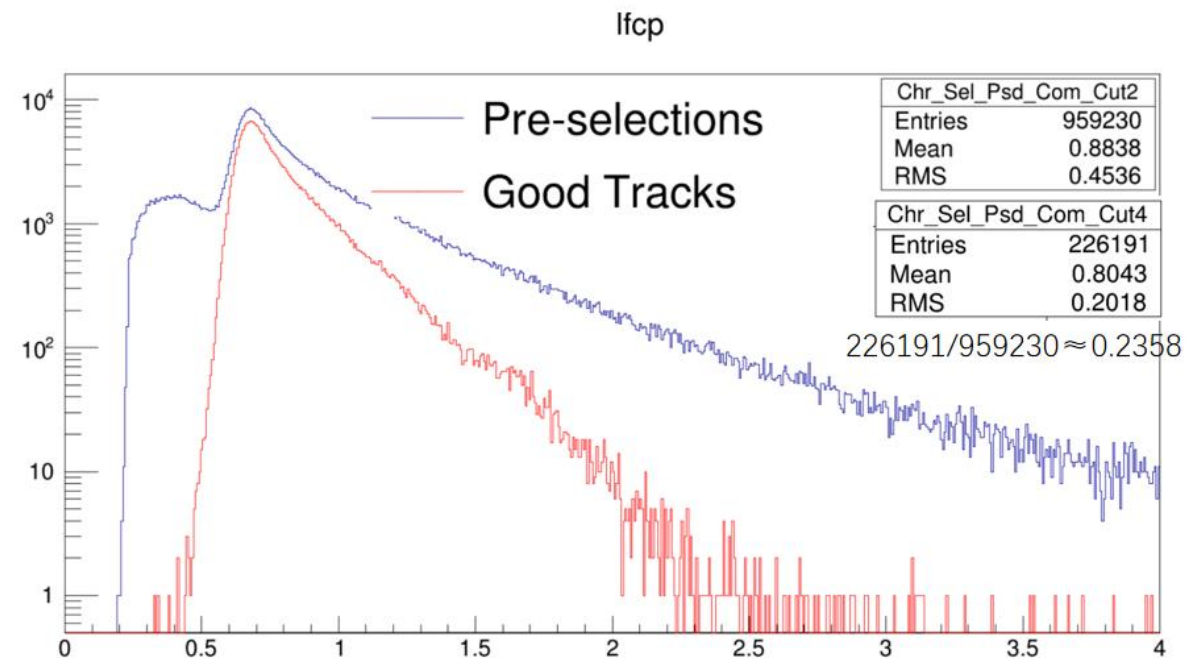
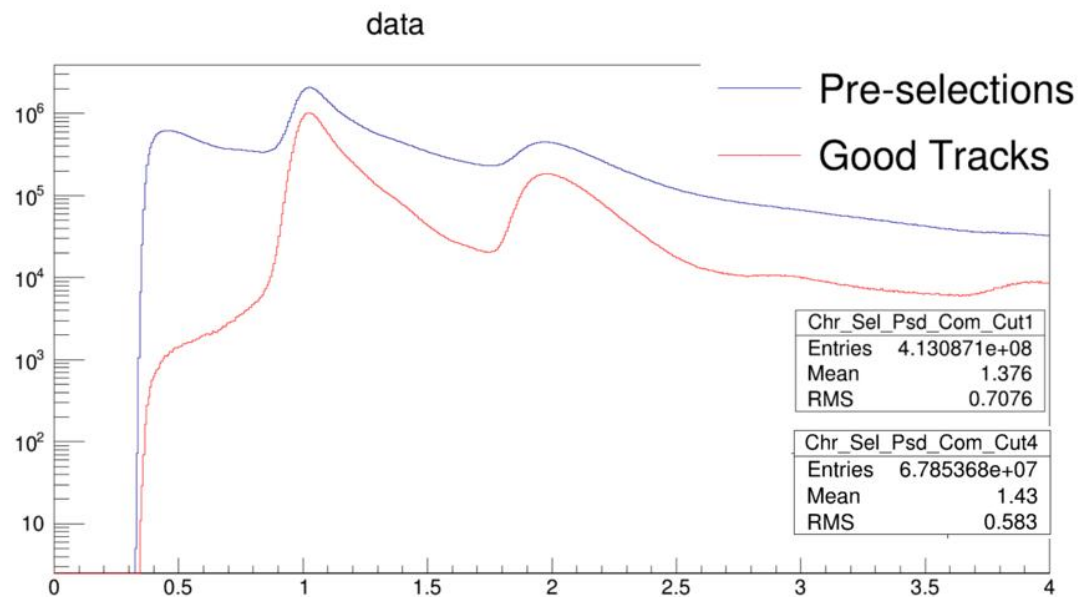
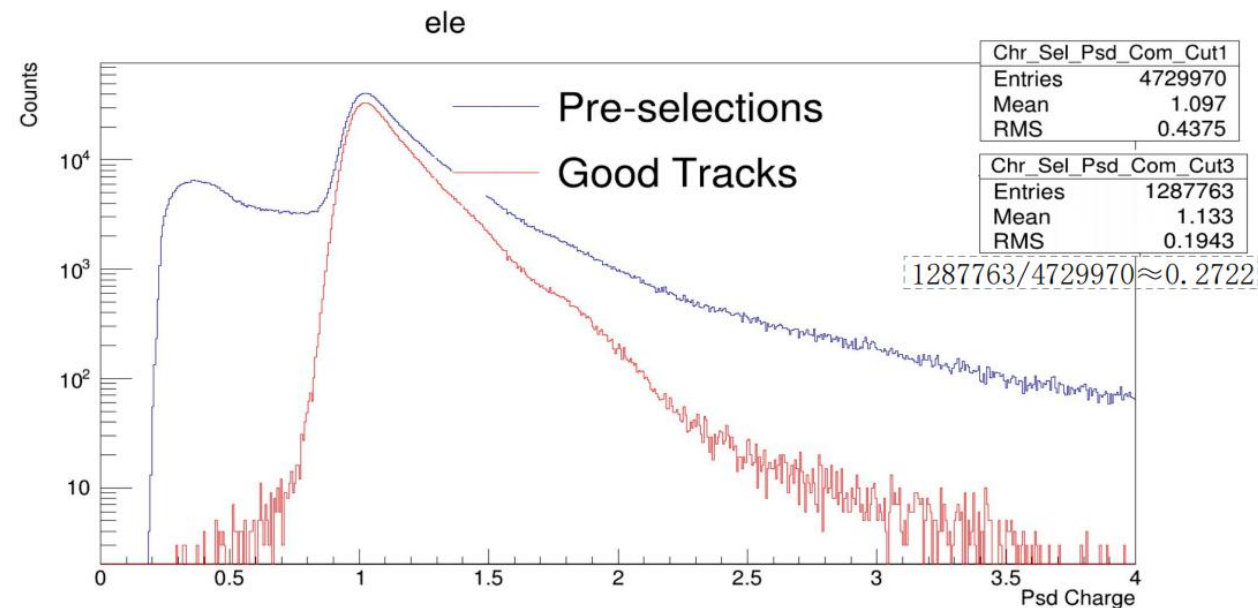
Rong Yi

2024/11/21

Good Tracks

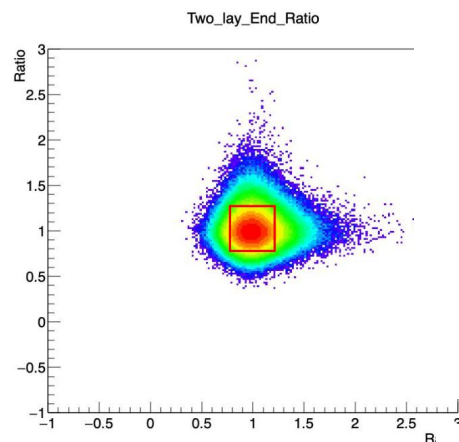


- Angle difference between BGO track and STK track. ($<4^\circ$)

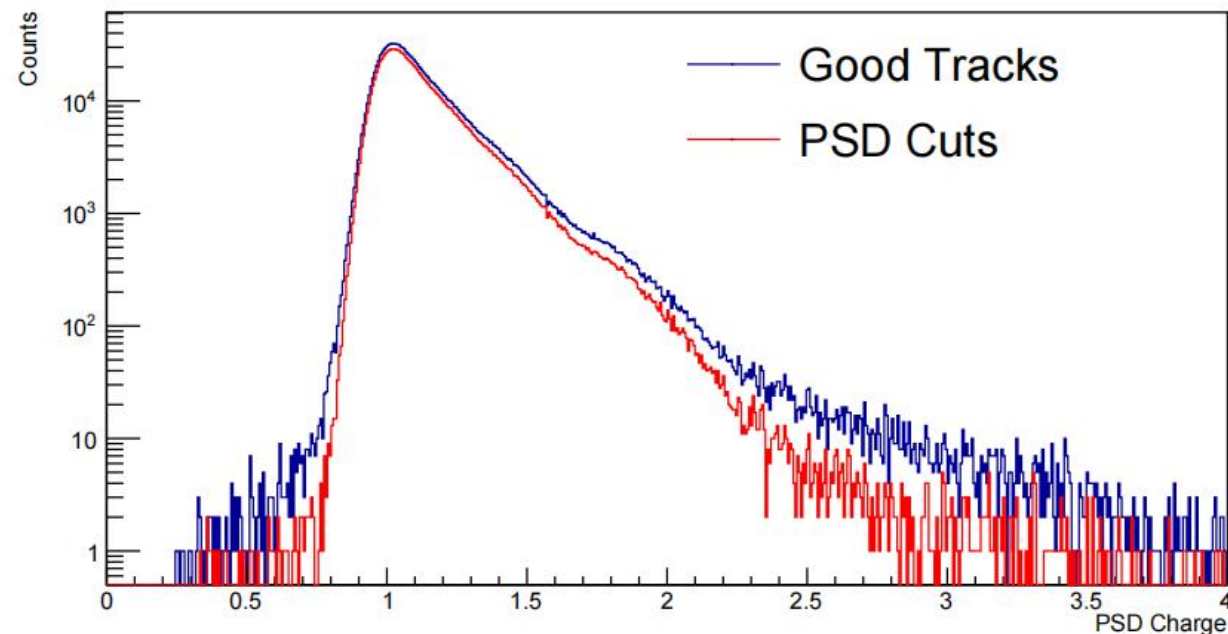


PSD Cuts

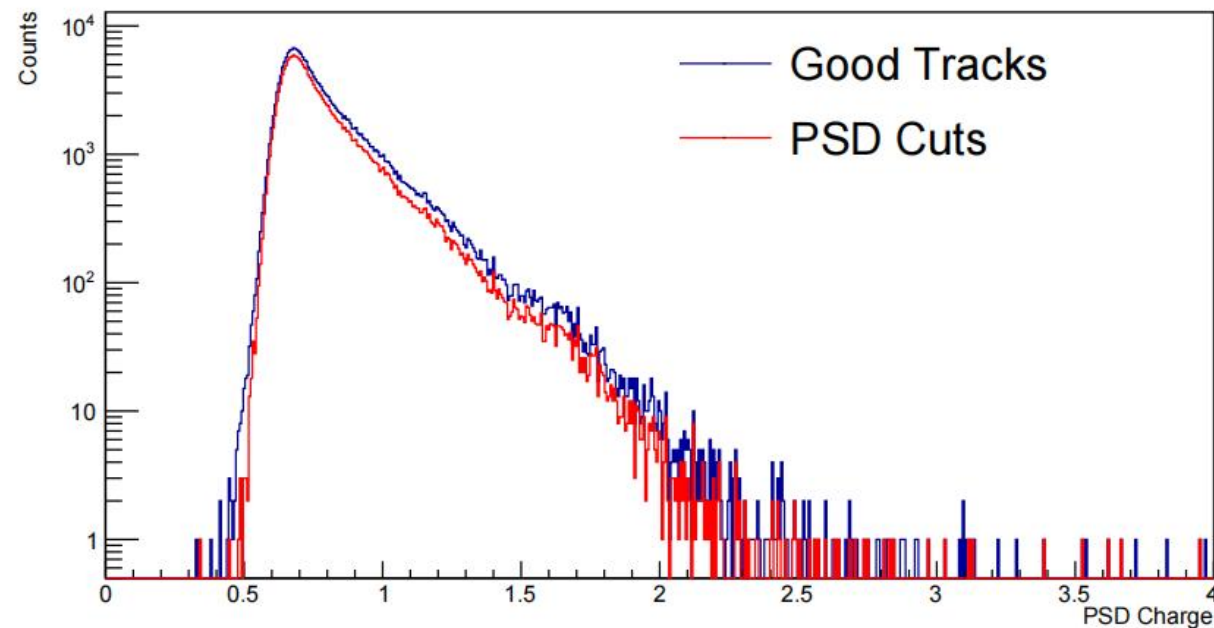
- PSD Charge($\neq 0$)
- PSD Path Length(10mm)
- Two Ends Ratio



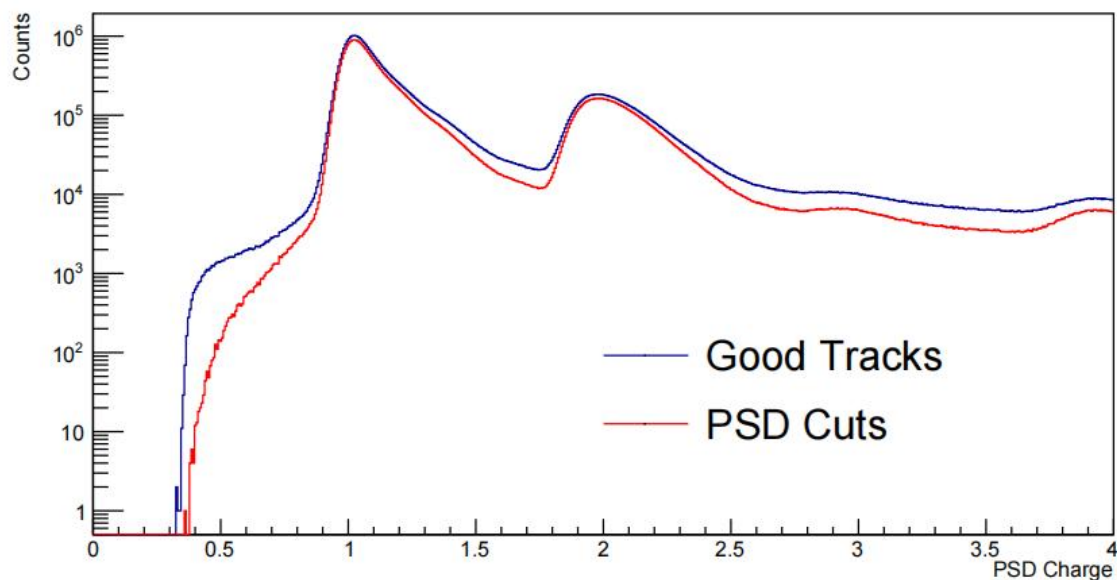
ele



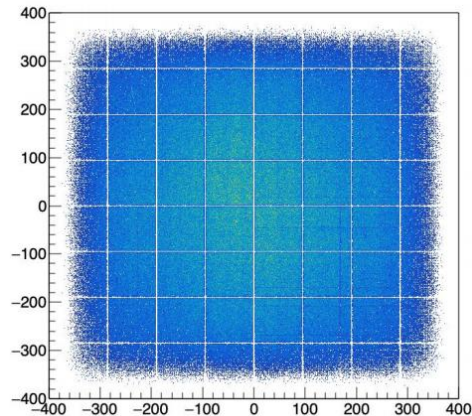
lfcp



data

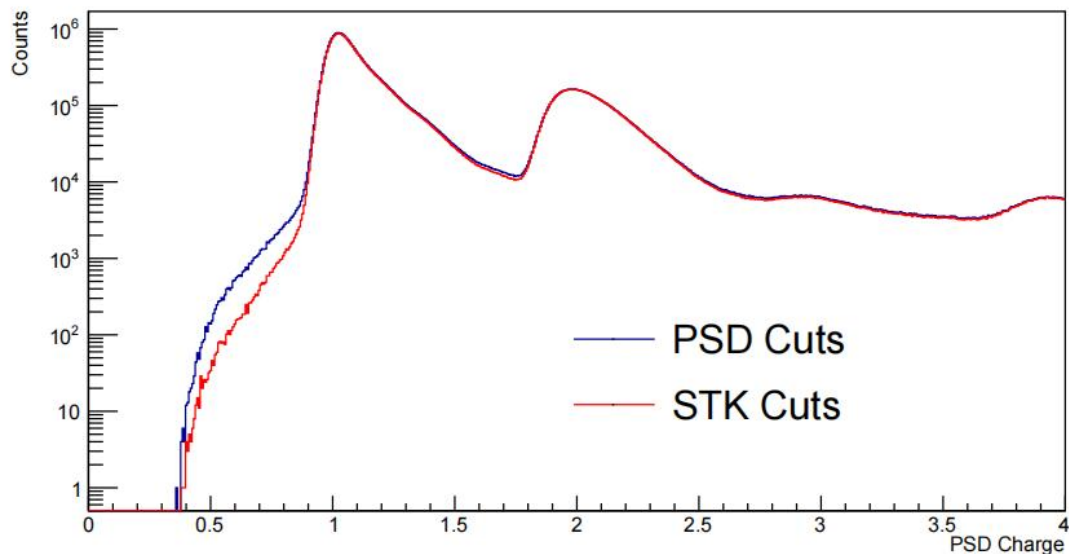


STK Cuts

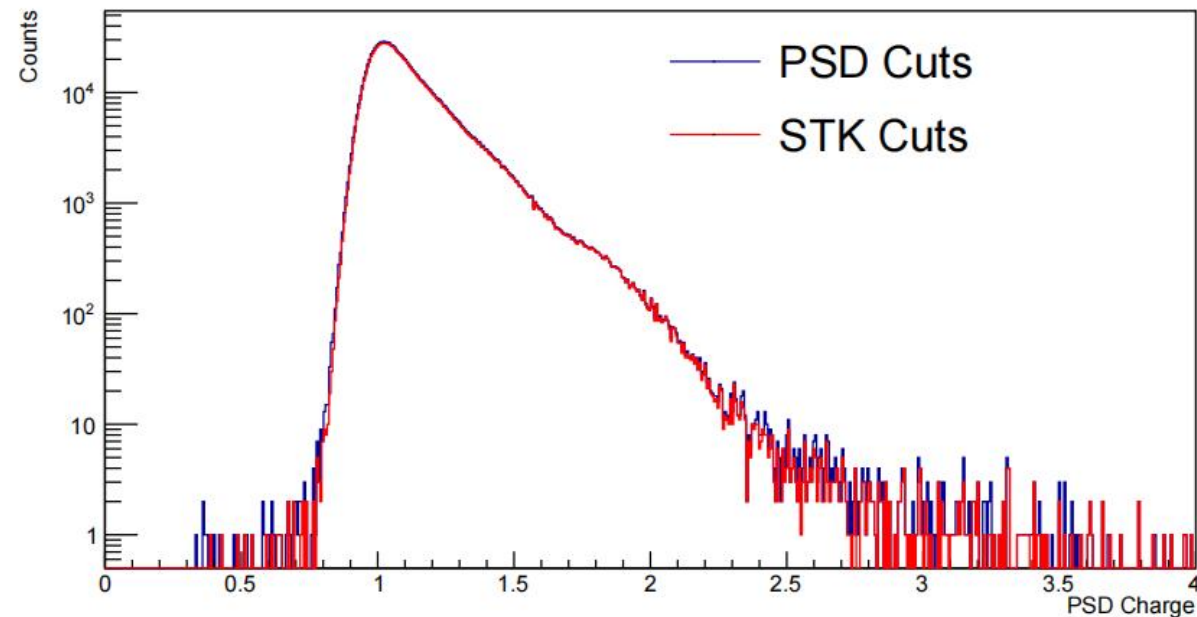


- STK energy < 120 ADC.
- Remove ladder's edge cluster.
- More than 2 layers remain.

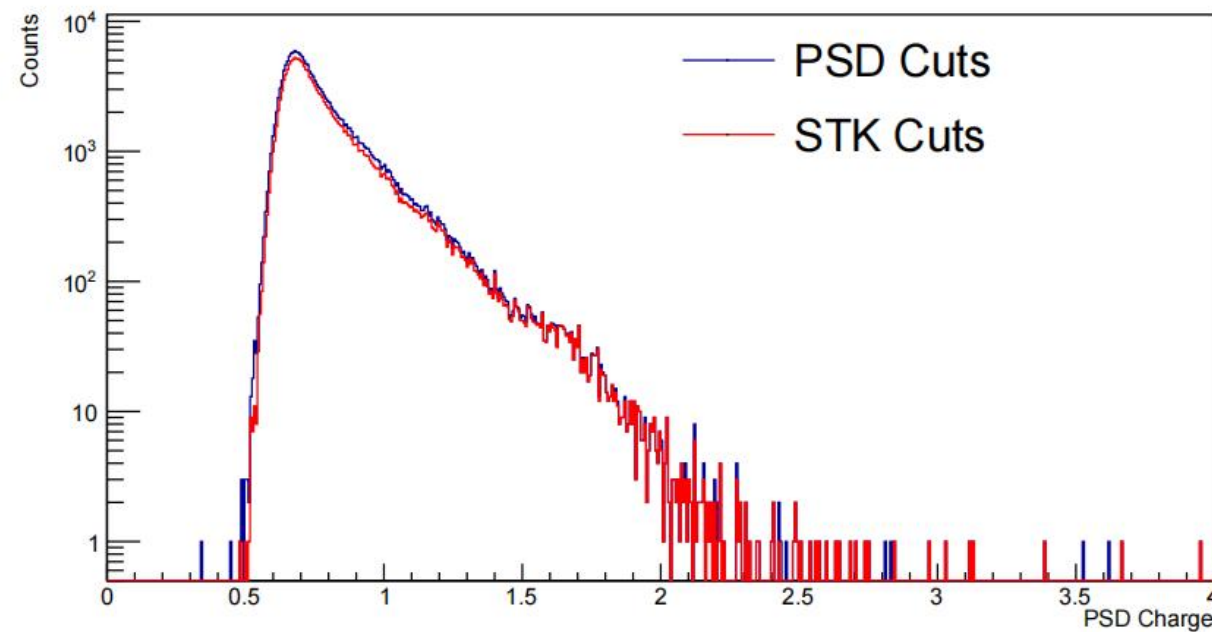
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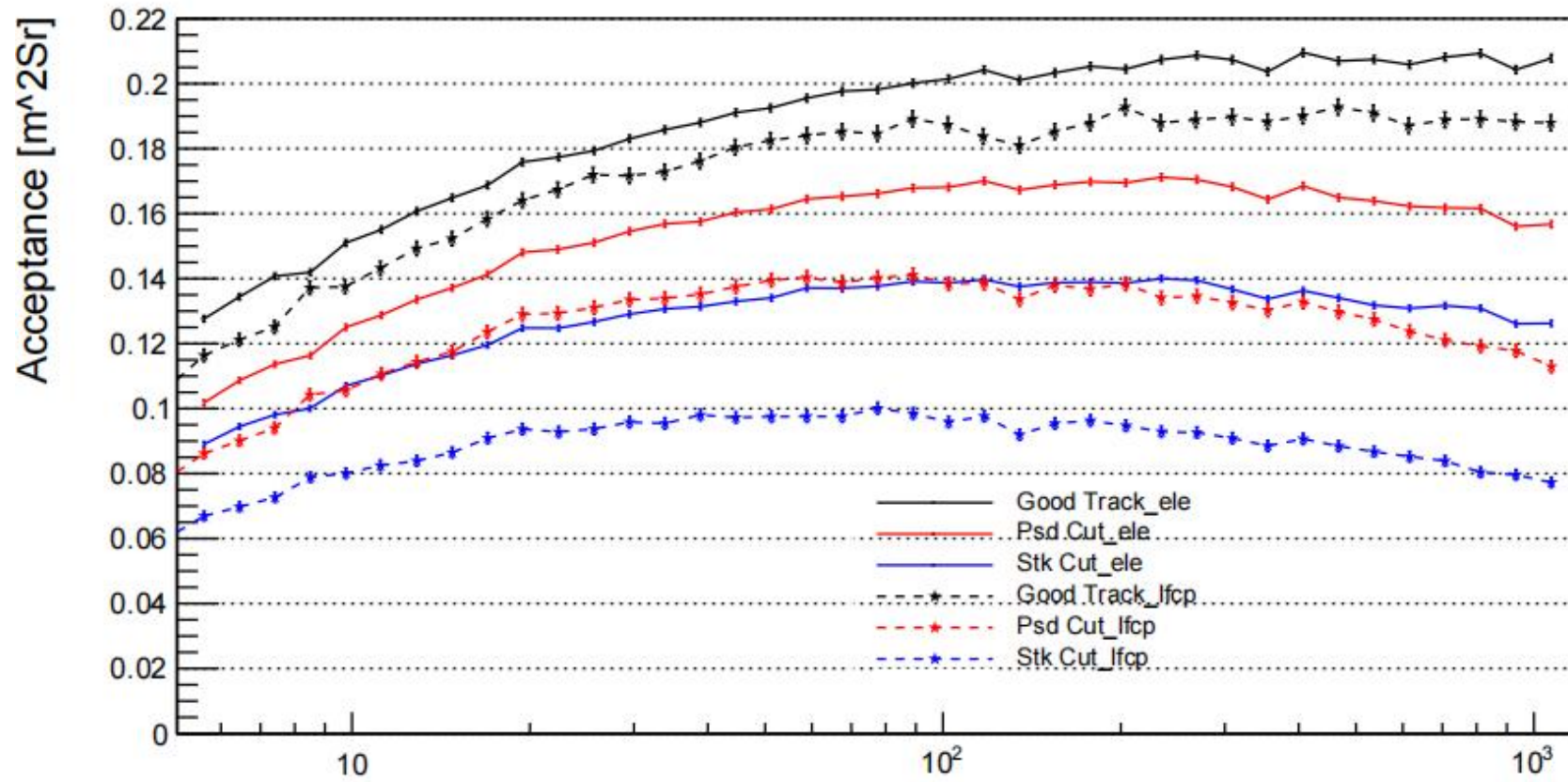
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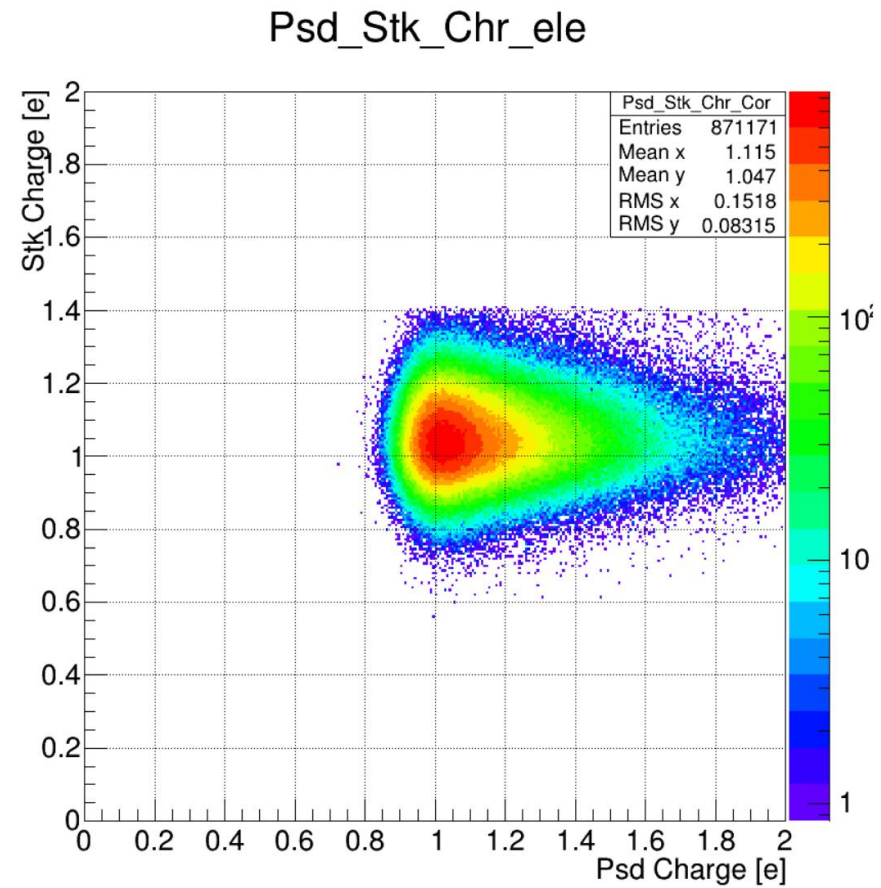
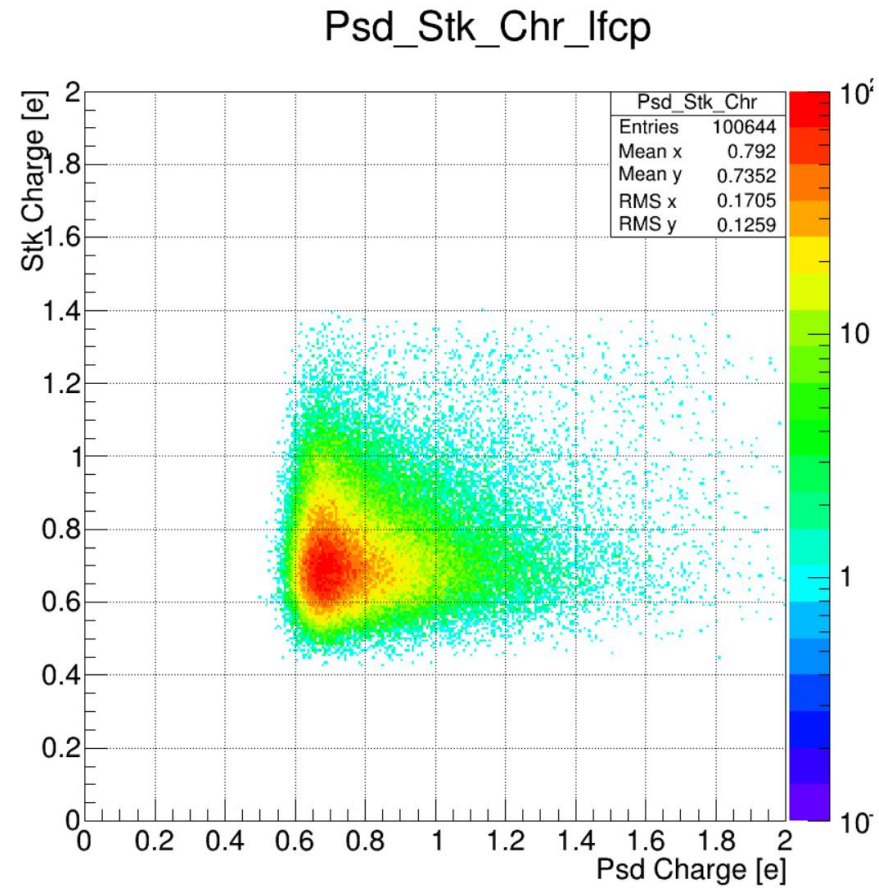
lfcp



Acceptance of Ifcp and ele



Psc Charge and Stk Charge



Confusions

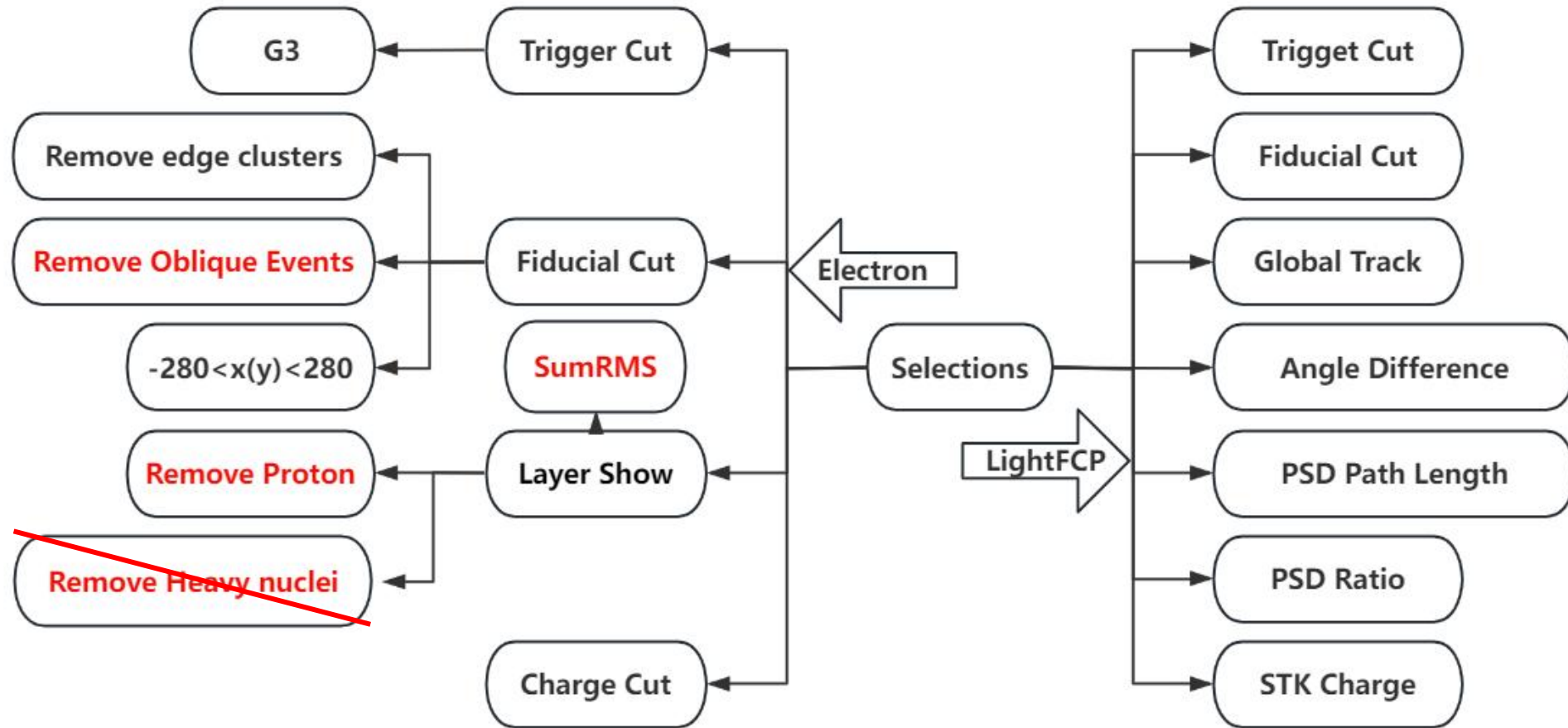
附录

- Selections
- Construction of Dampe

Selections

- Pre-selections
 - Trigger: G0, G3, G4.
 - Fiducial.
- Good Tracks
 - Global Track.
 - Angle difference between BGO track and STK track.
- PSD Cuts
 - PSD charge.
 - PSD path length.
 - PSD two end ratio.
- STK Cuts
 - STK energy < 120 ADC.
 - Remove ladder's edge cluster.
 - More than 2 layers remain.

Selections



Unit: mm

