

Light FCP Study

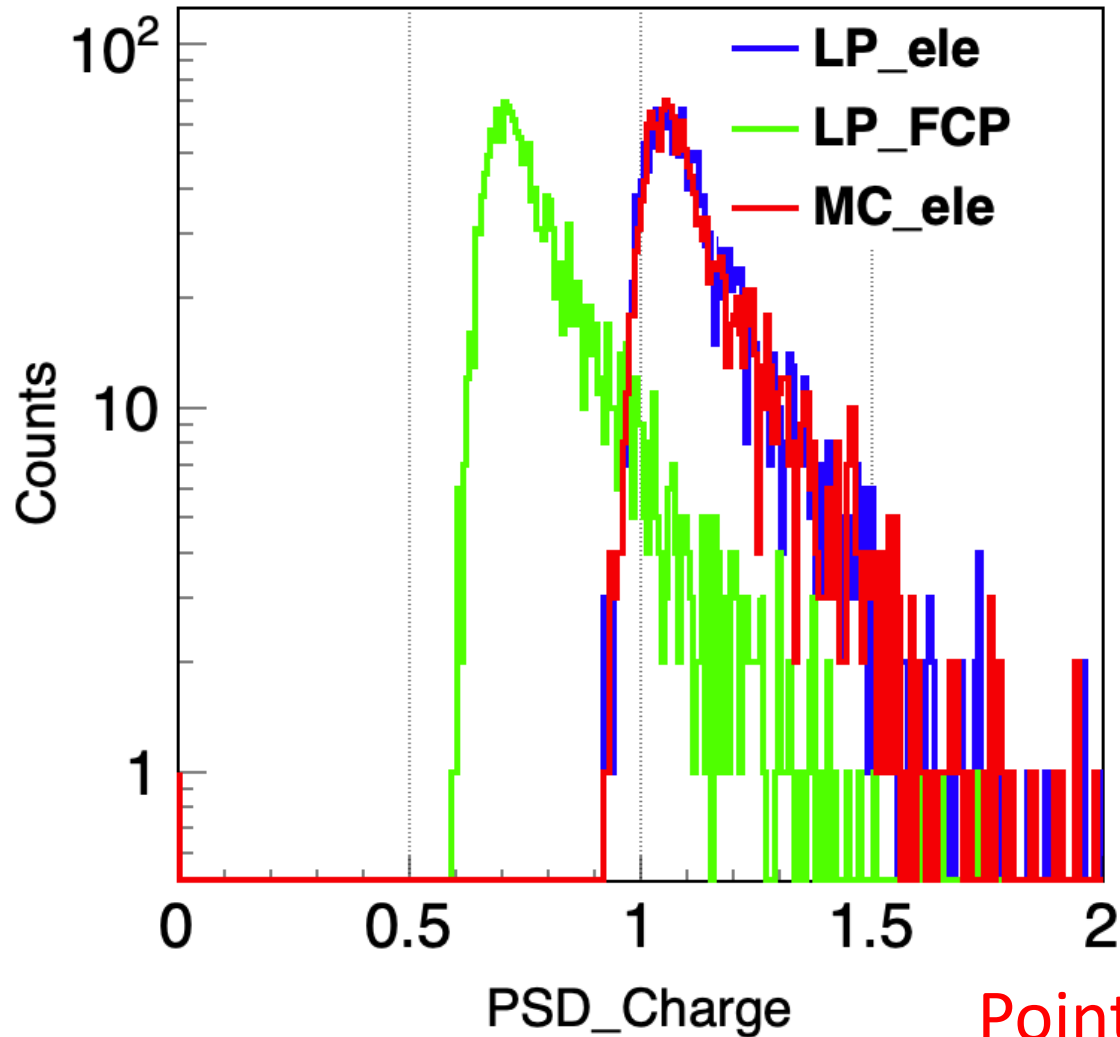
FCP simulation

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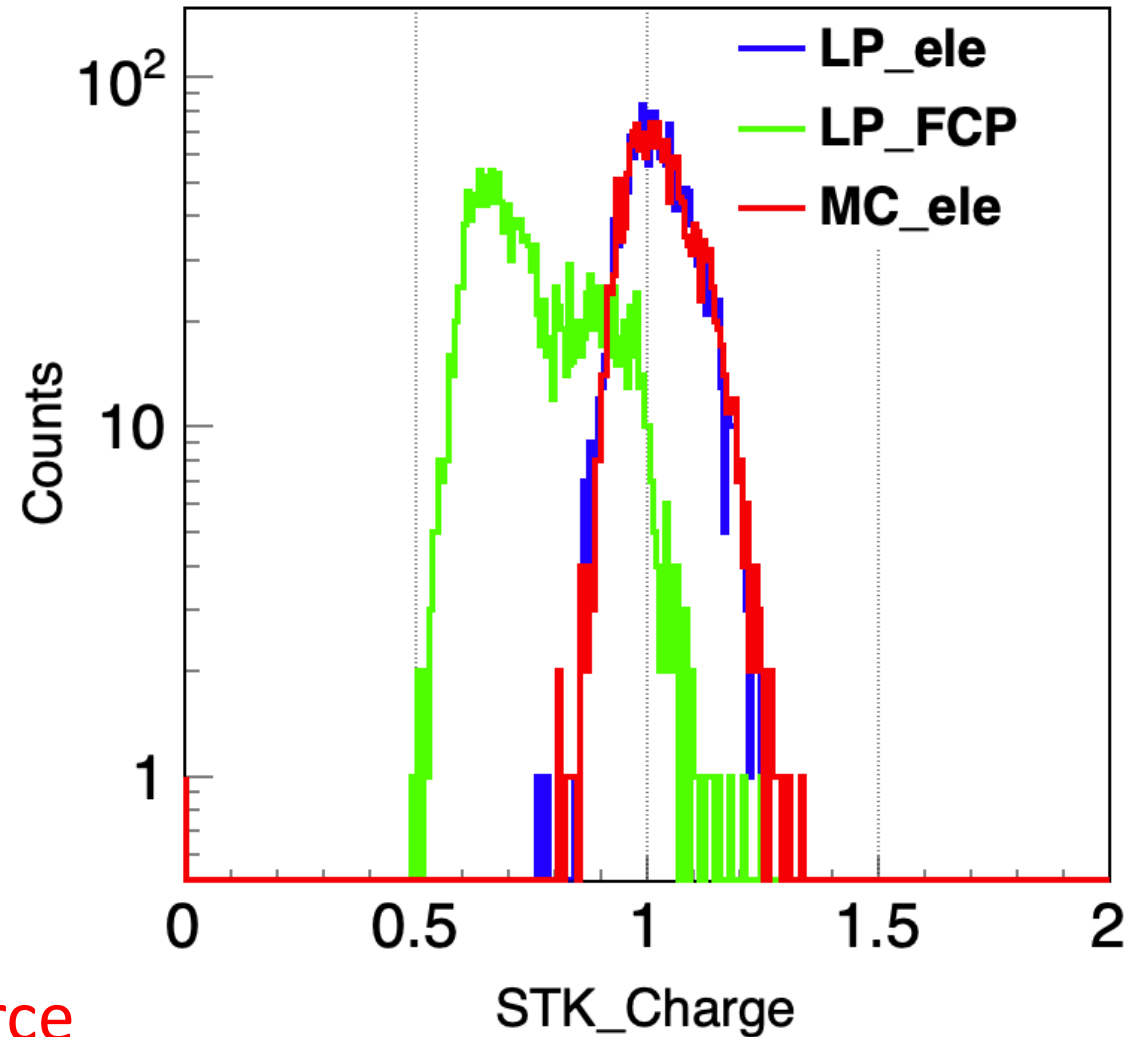
DAMPE Group Meeting

Verification of light FCP simulation



Point source

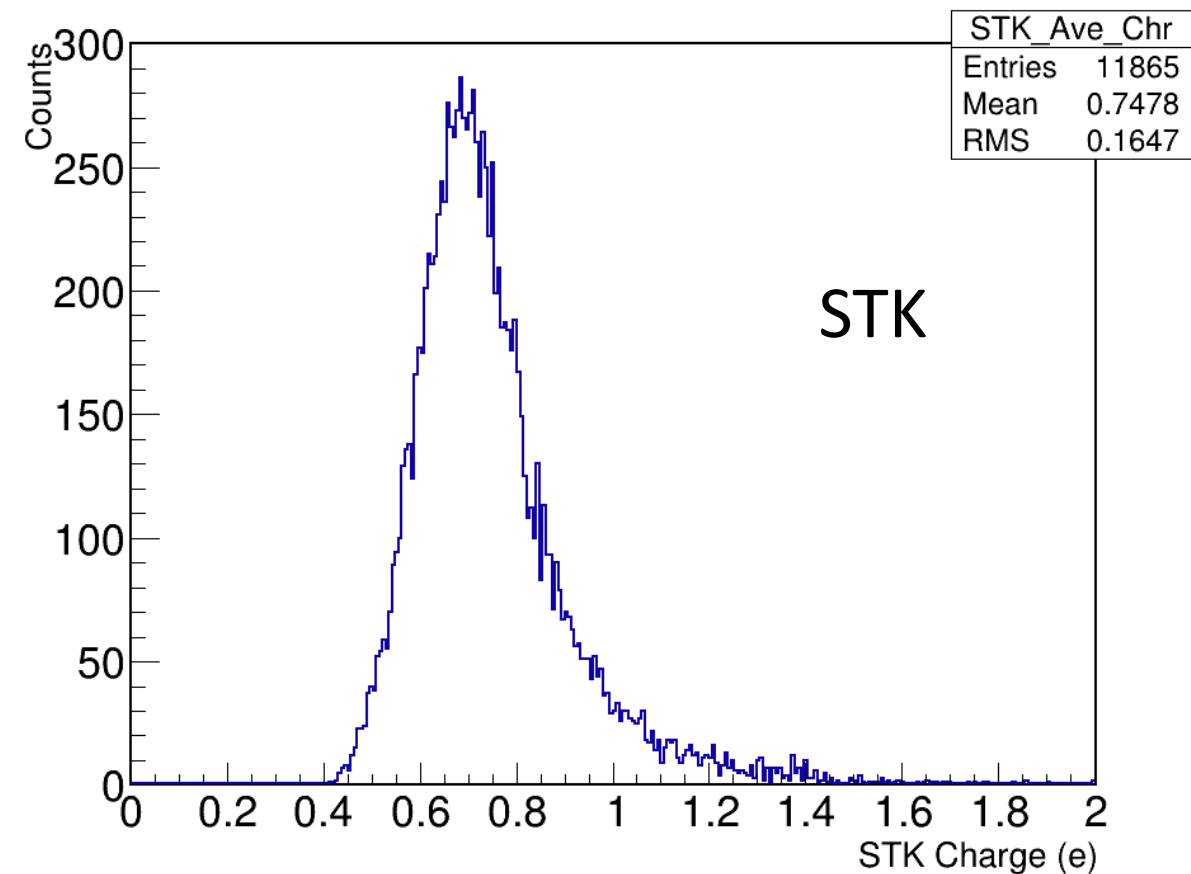
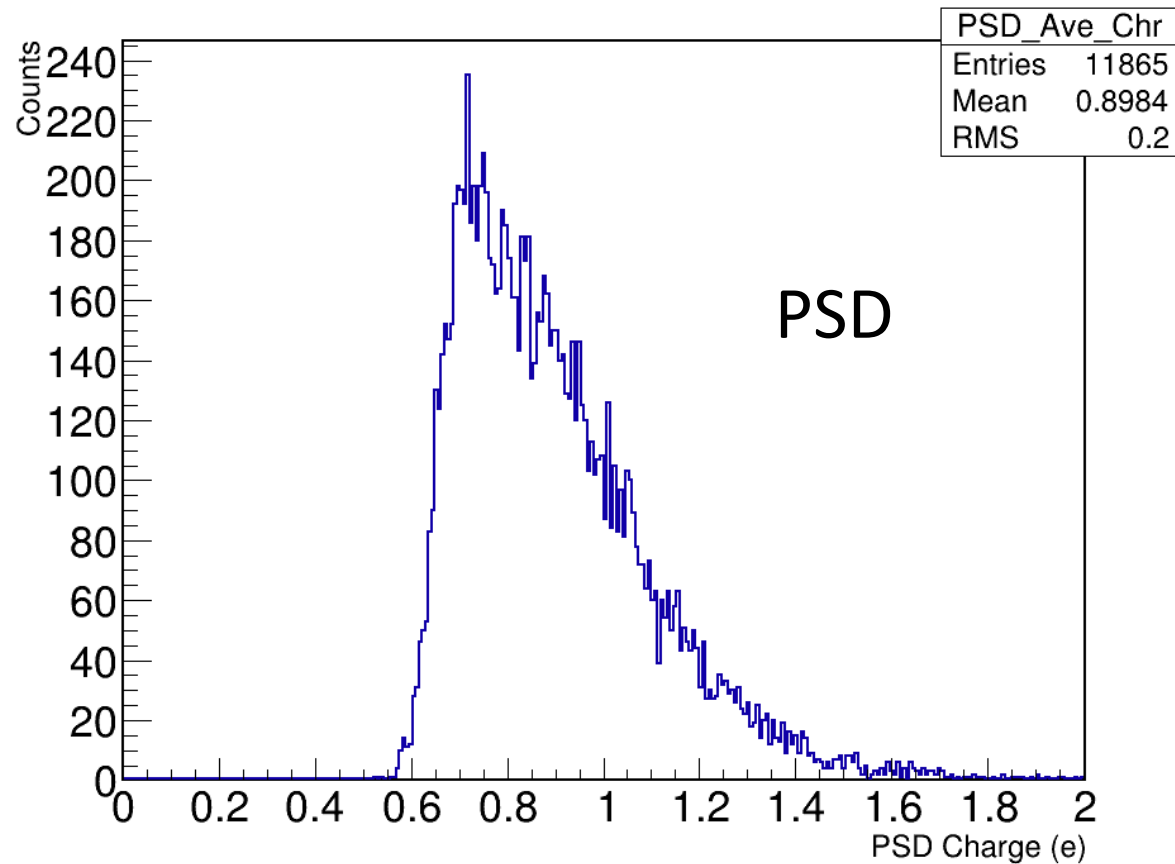
Kinetic energy: 20 GeV



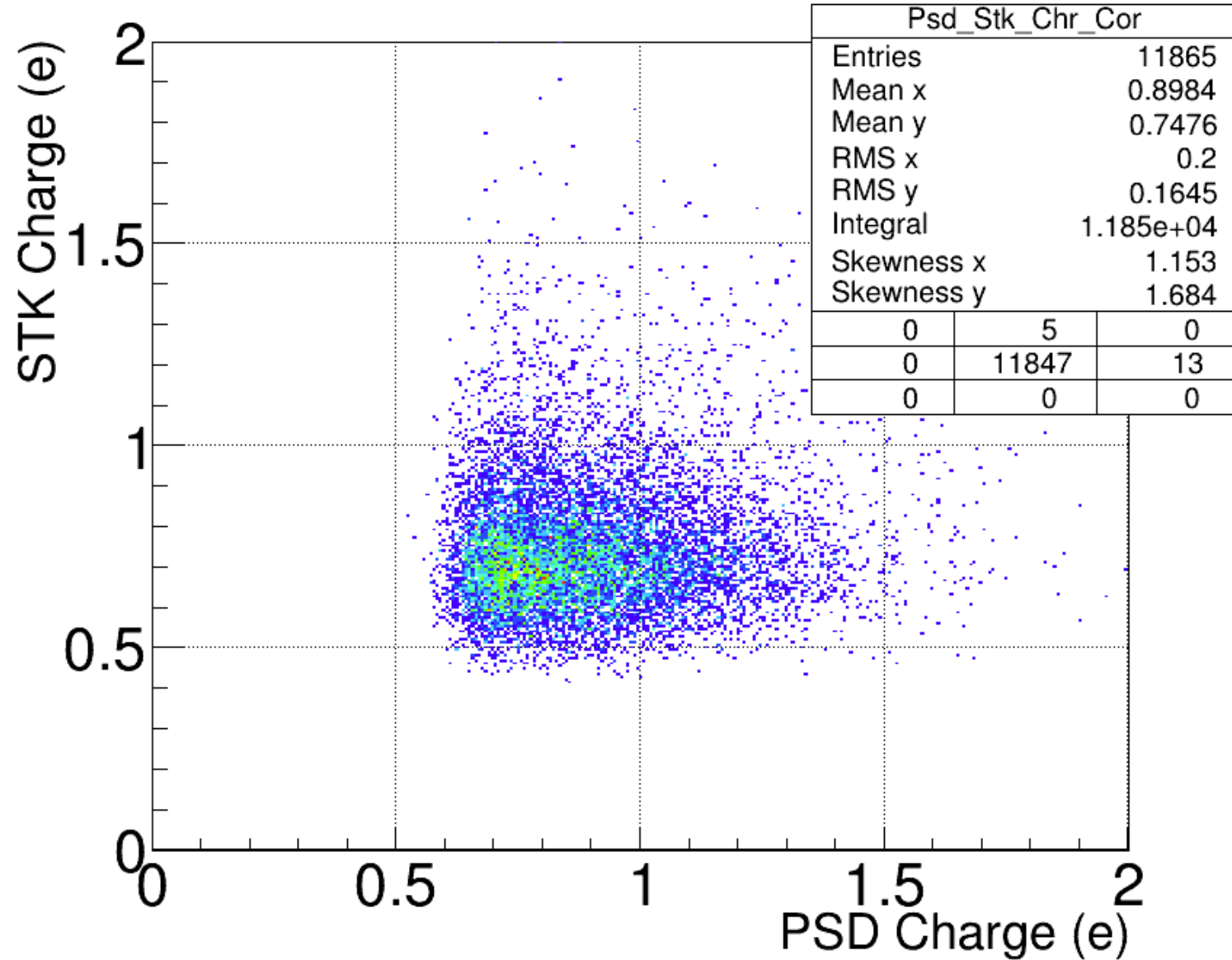
Continuous spectrum simulation

Sphere

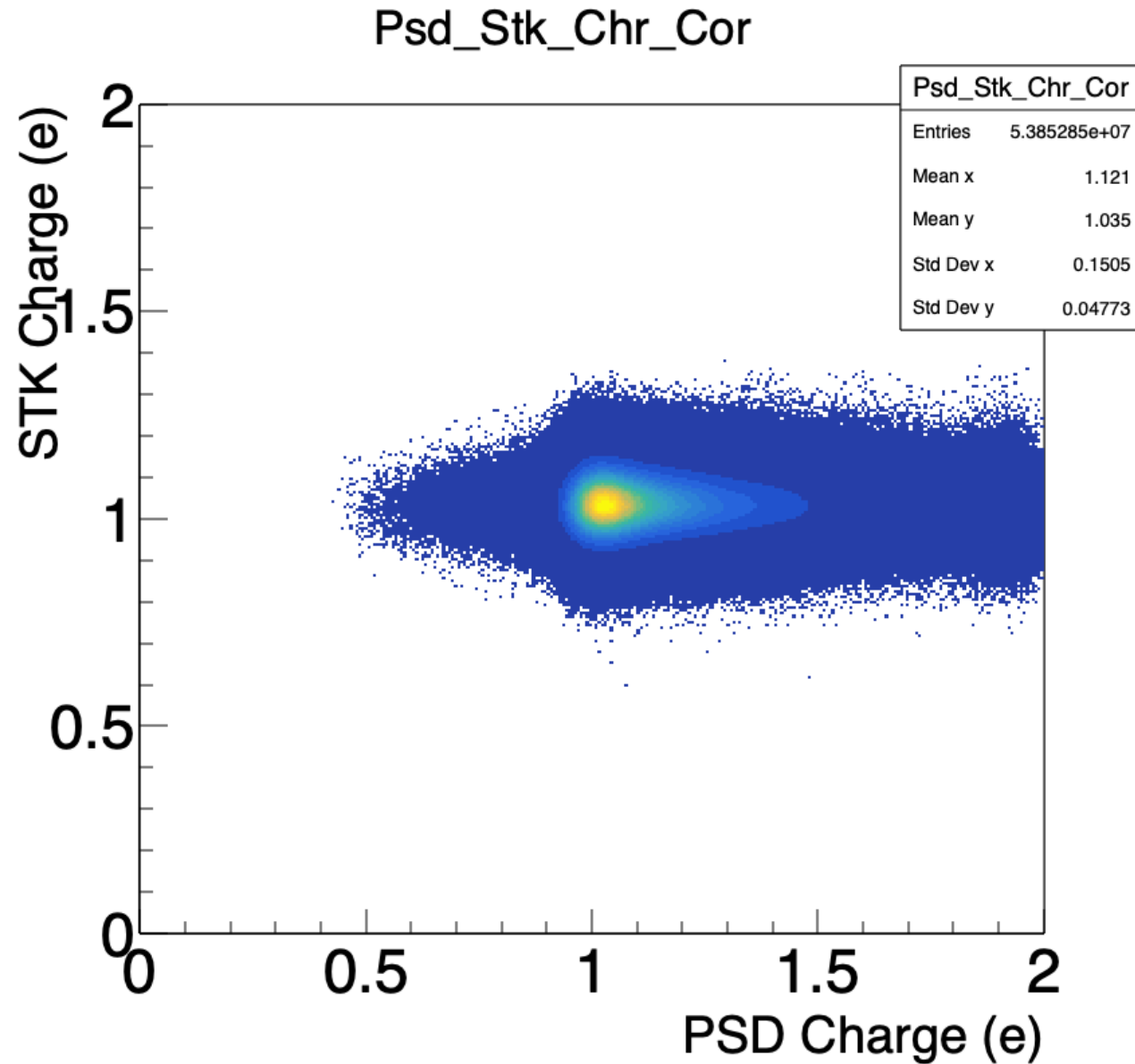
Kinetic energy: 7 GeV - 1 TeV



Light FCP Signal



First look on five years data



Next step

- Simulate more light FCP
- Calculate the efficiency