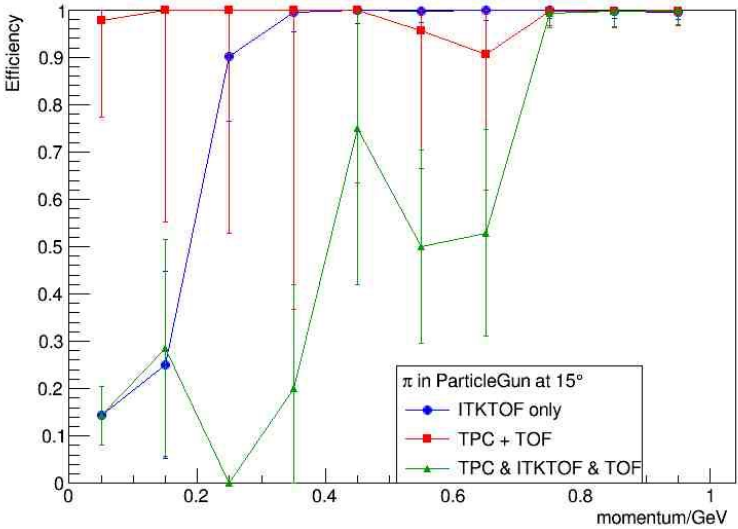




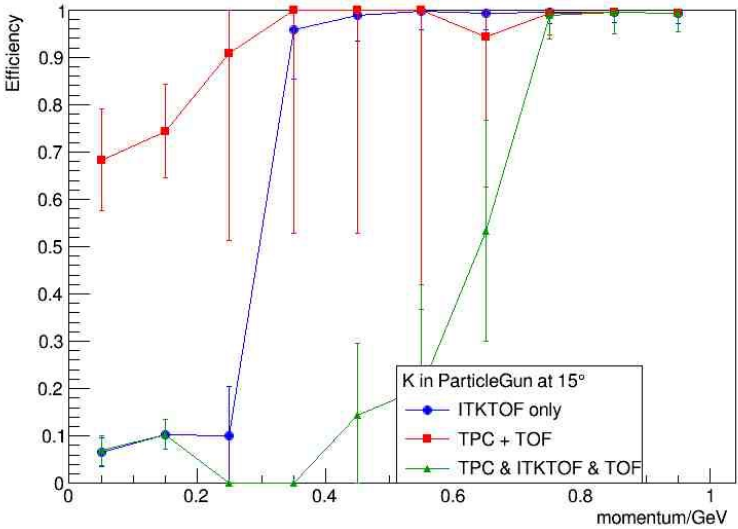
ITK&OTK ToF & TPC PID combination study

Dian Yu

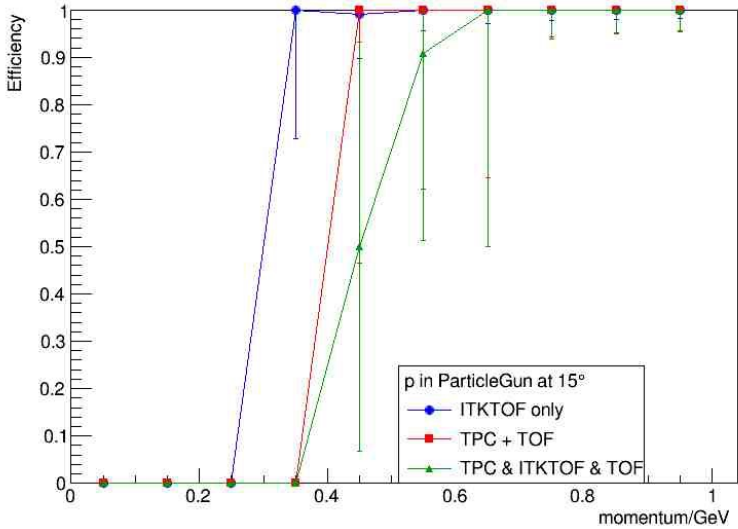
25Mar14



pion

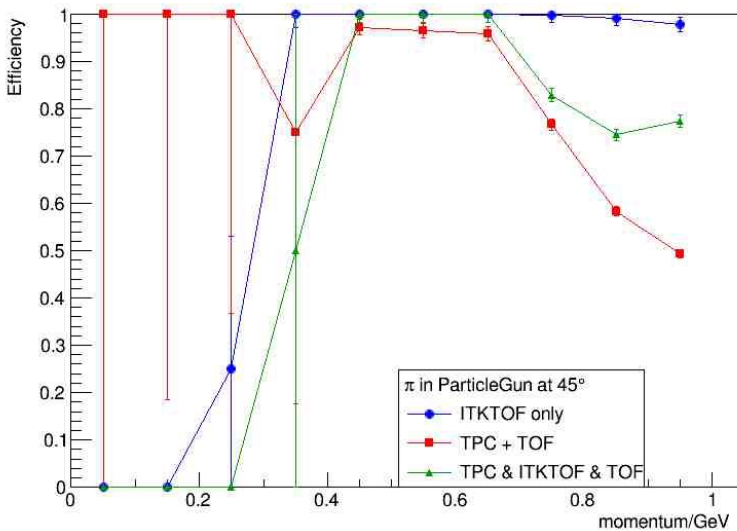


kaon

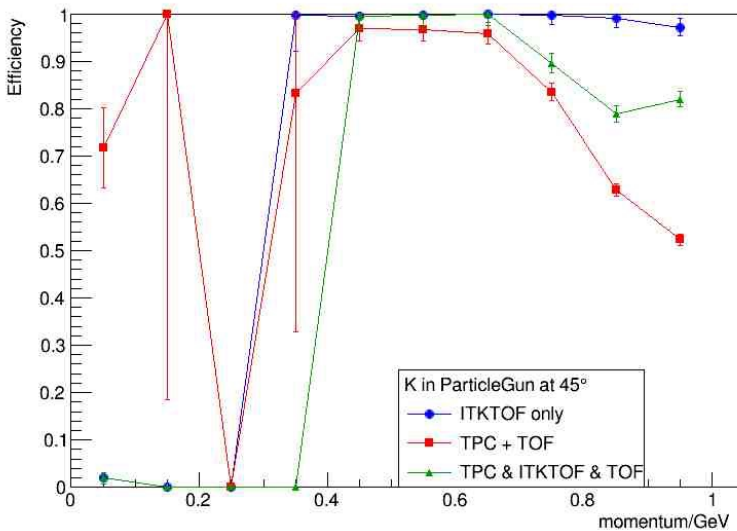


proton

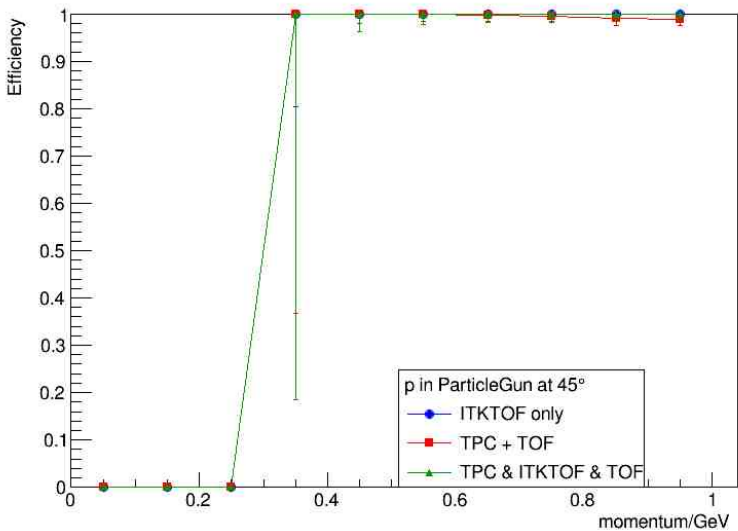




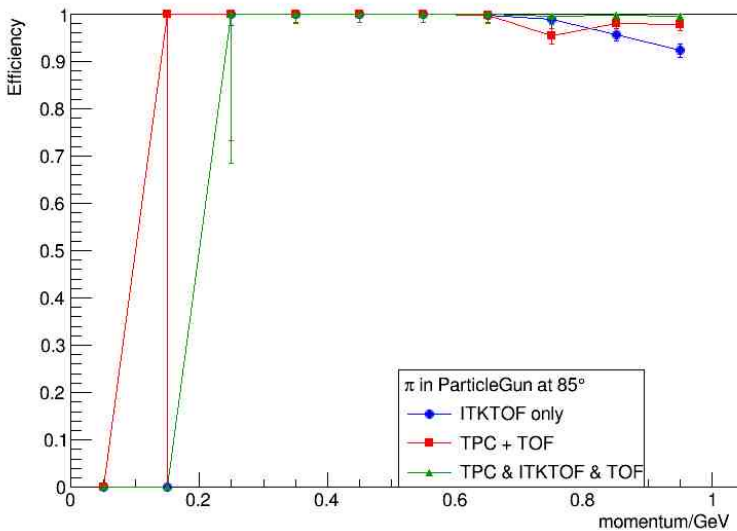
pion



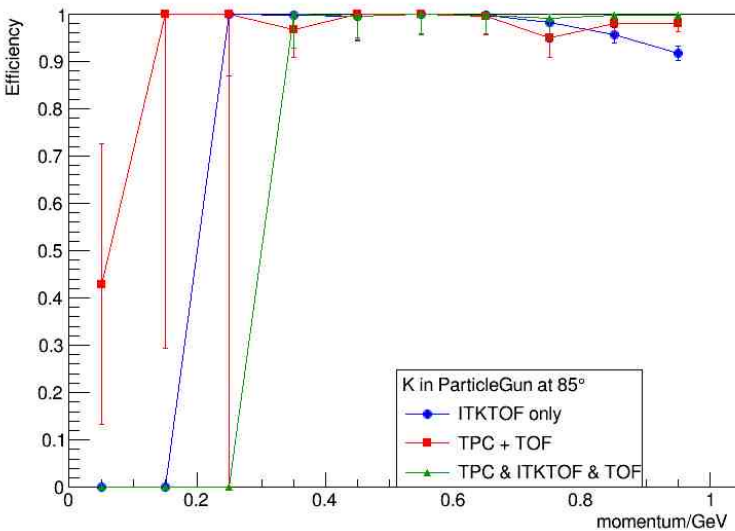
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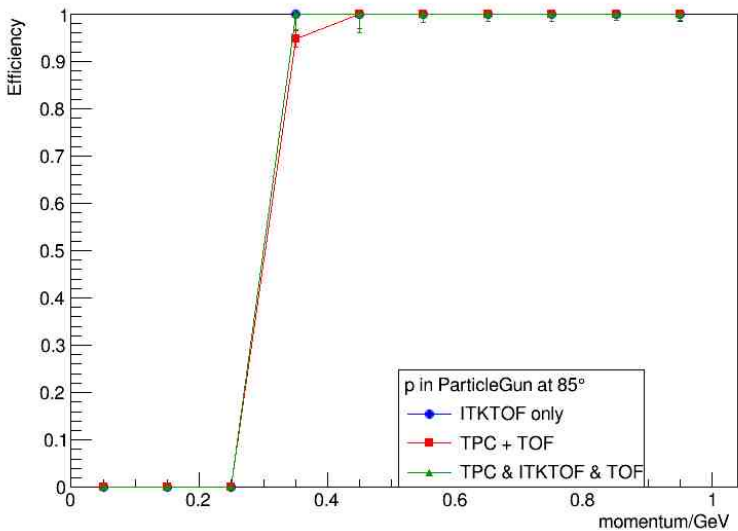
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pion

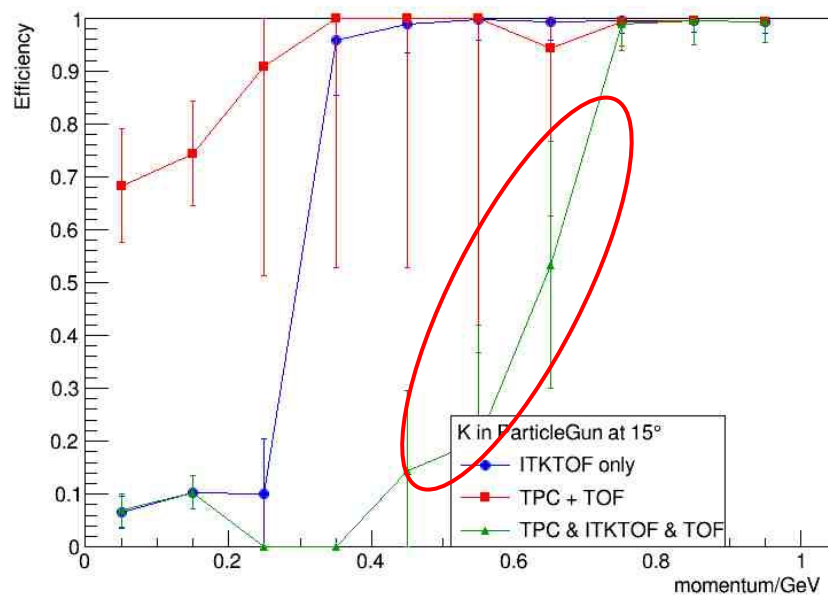


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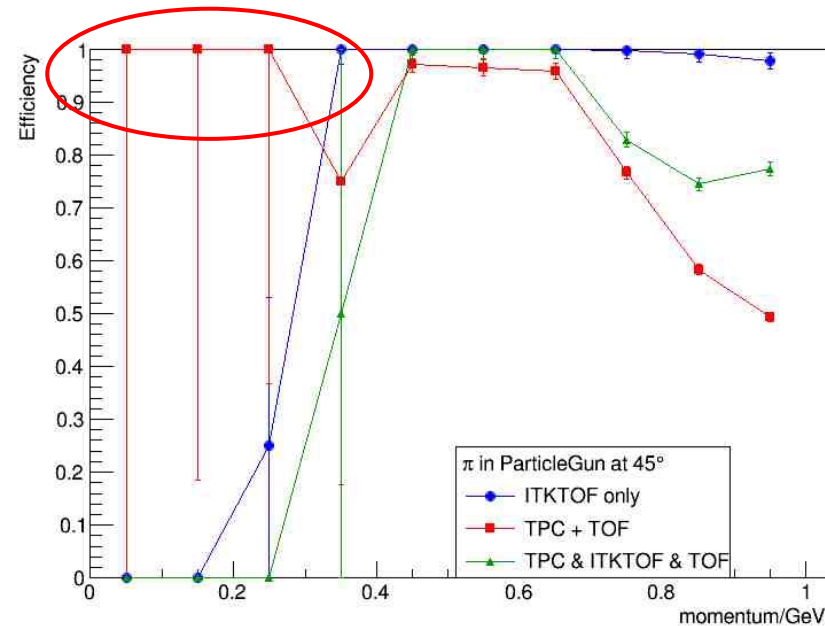


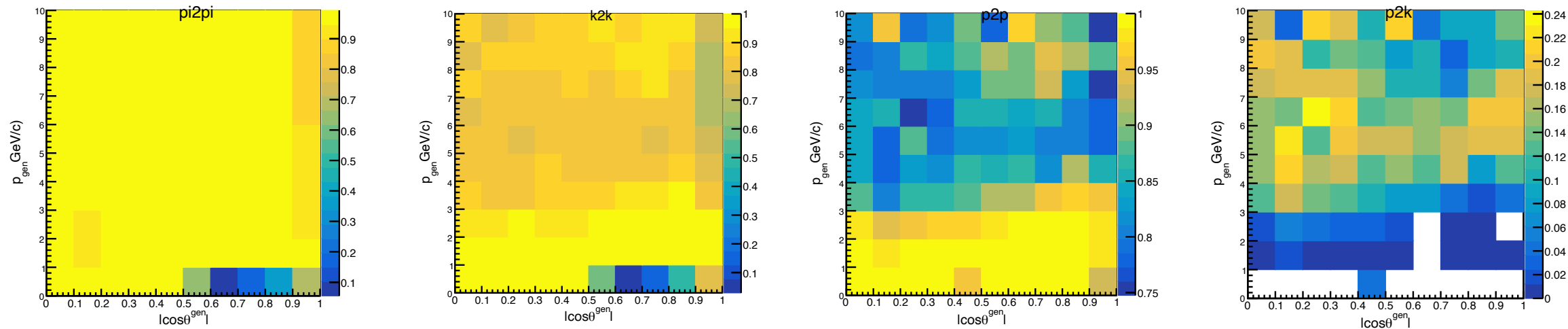
proton

1. ToF affects PID under 0.8GeV



2. TPC under 0.2GeV ???





1. For pion and kaon: good

2. Proton with $p > 3\text{GeV}$

1. Discuss pid combination method
2. Figure TPC pid eff at $p < 0.2$
3. Plot the Zqq 3D graph in $0 \sim 1\text{GeV}$
4. See more channels