Simulation events with pileup

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Events information

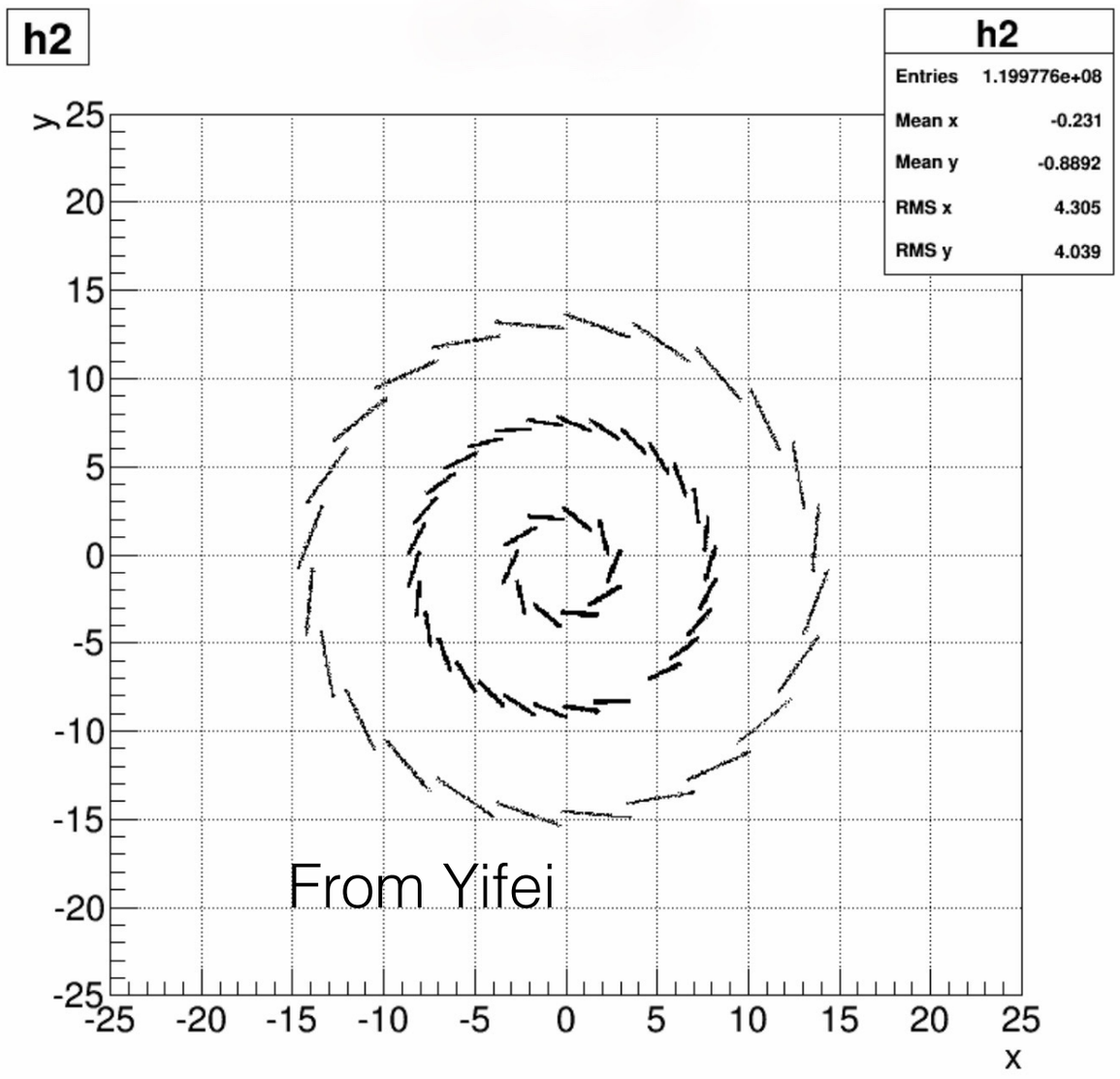
- starver: SL15i
- directory: /star/u/qiao/2/HLT/Tracker/PileUpData/output
- about 1500 events with TPC&HFT hit and pileup
- the output format is the same as Yifei’s
- more events can be produced if it is requested

Compare number of hits on each station

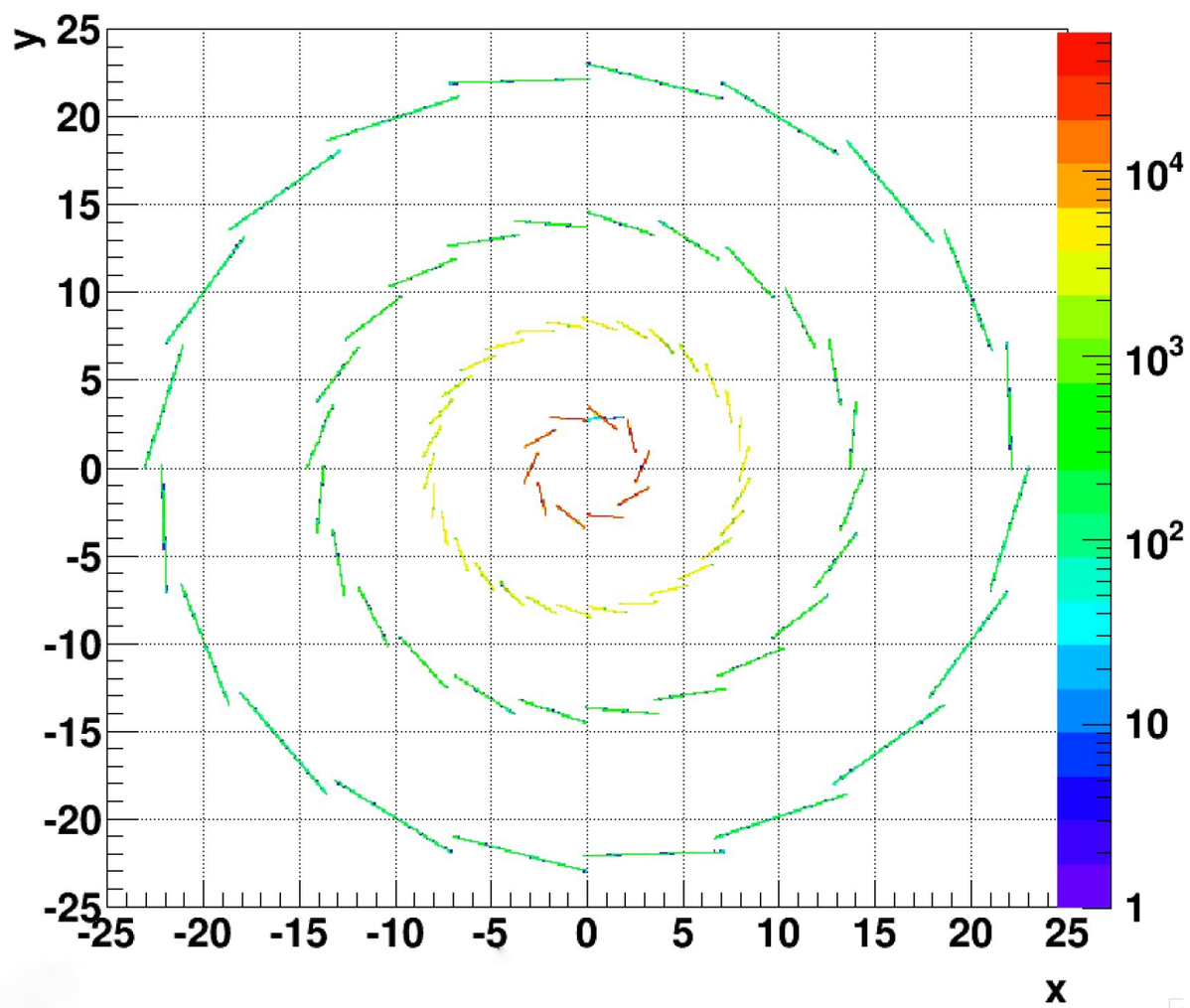
	StEvent	Simu with Pileup
Number of events	7155	~1500
Hits Ratio PXL/all	96%	92.5%
Hits Ratio IST/all	4%	3.7%
Hits Ratio SSD/all	0	3.8%
Hits Ratio PXL/IST	24.18	25

Compare hits : all hits end view

StEvent

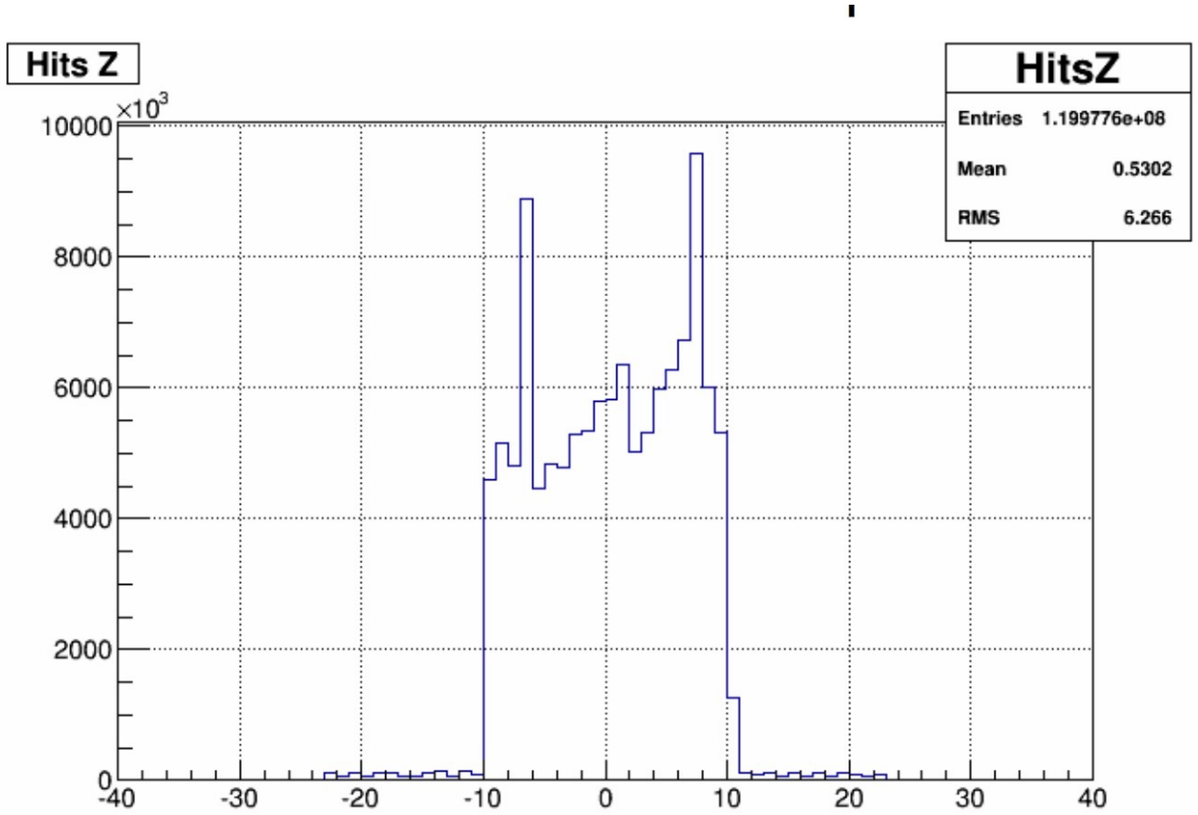


Simulation

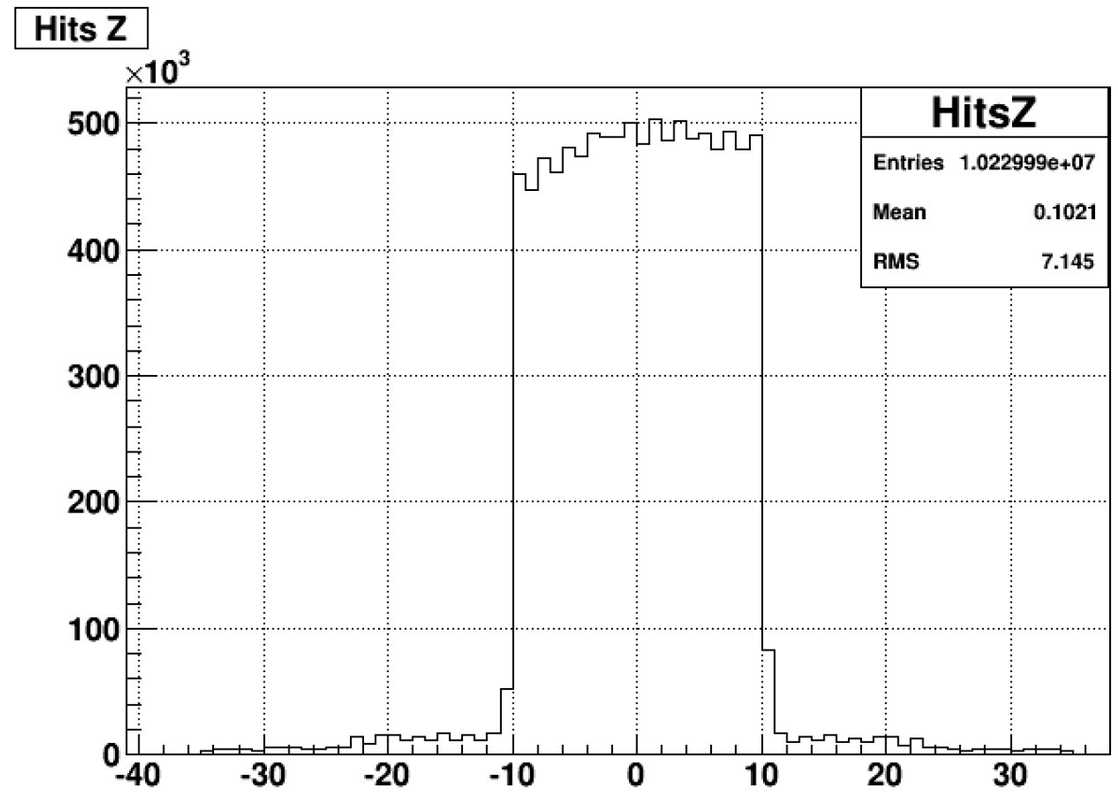


Compare hits : Z distribution

StEvent

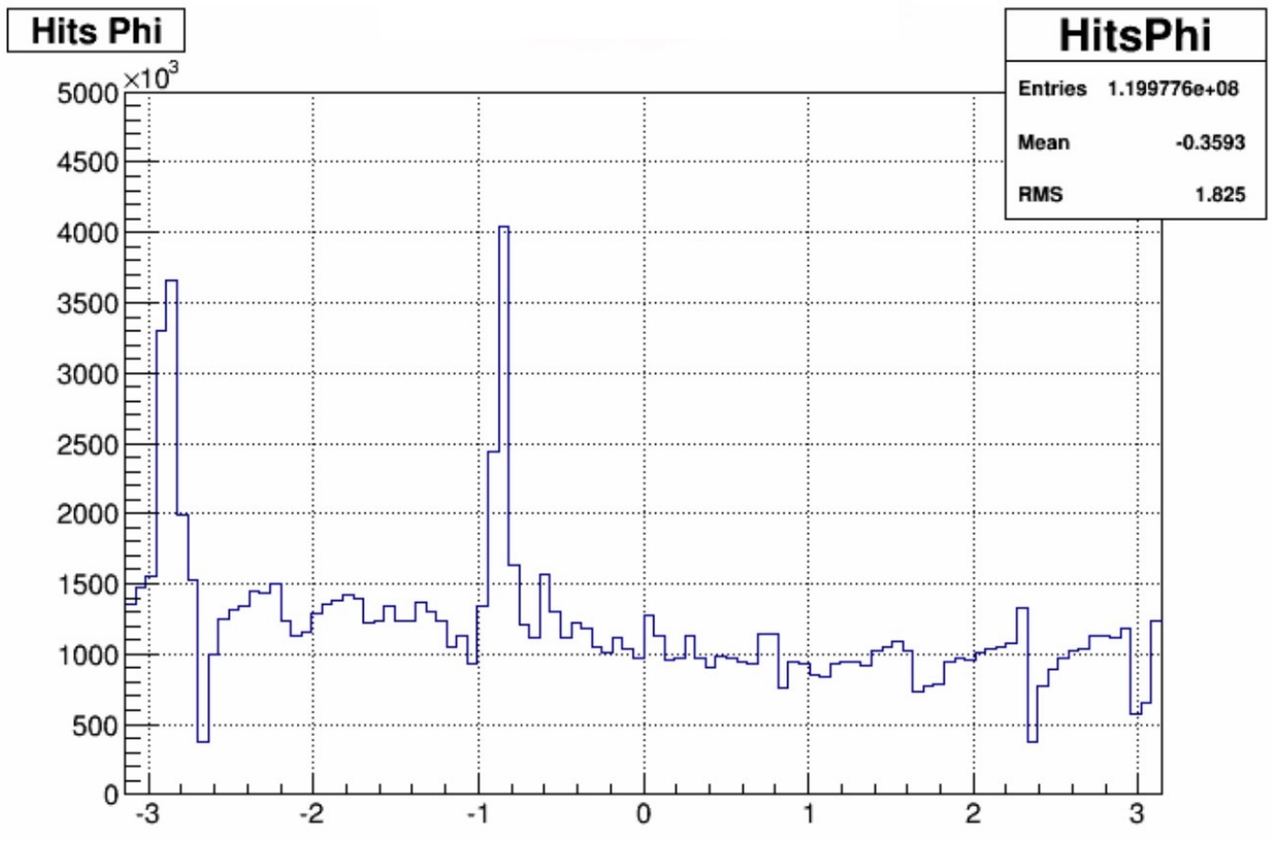
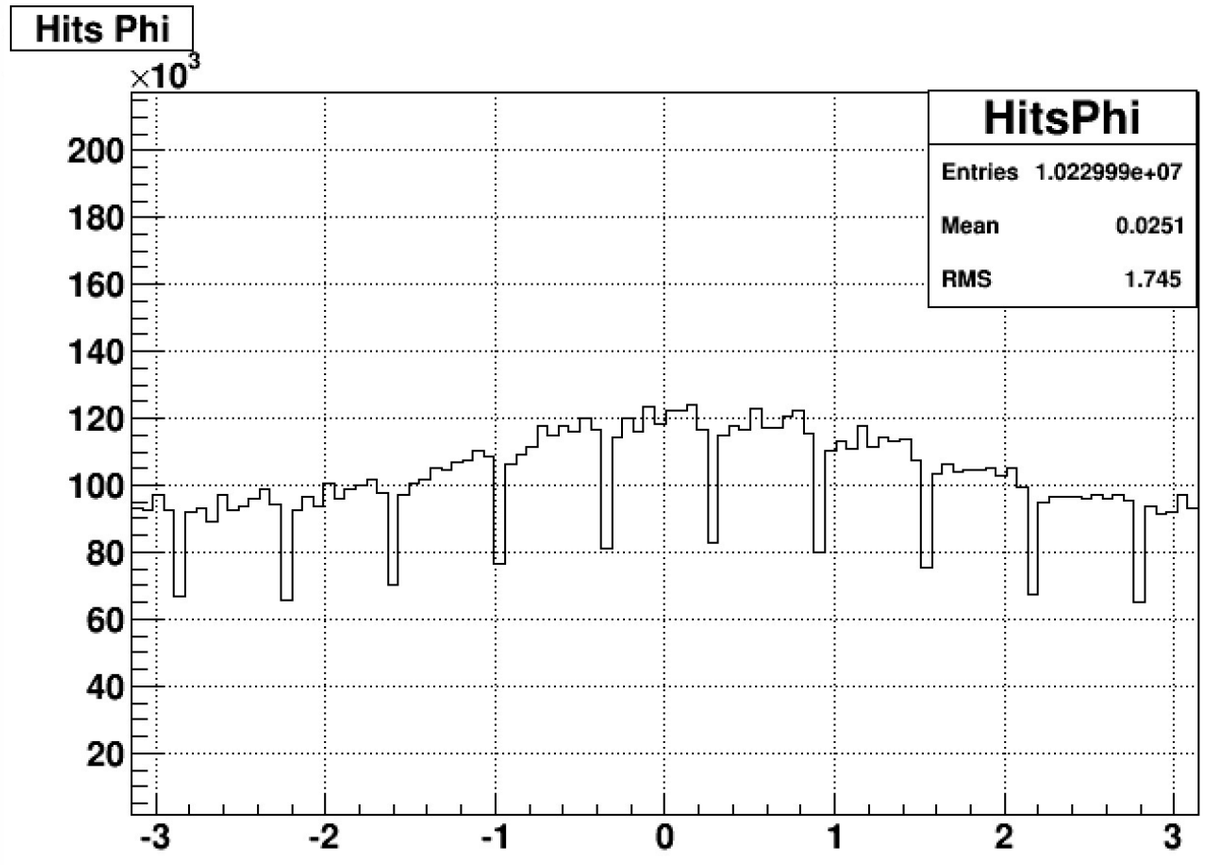


Simulation



Compare hits : Phi distribution

StEvent



Simulation