

[Centrality] PbPb minbias rereco validation

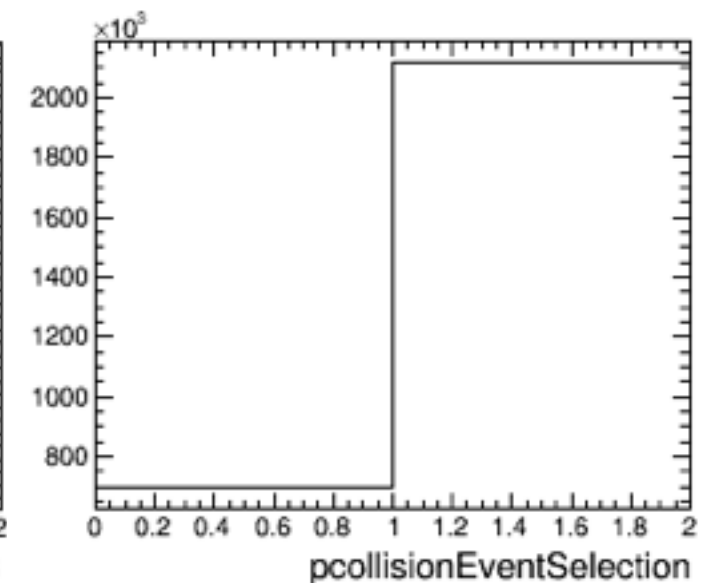
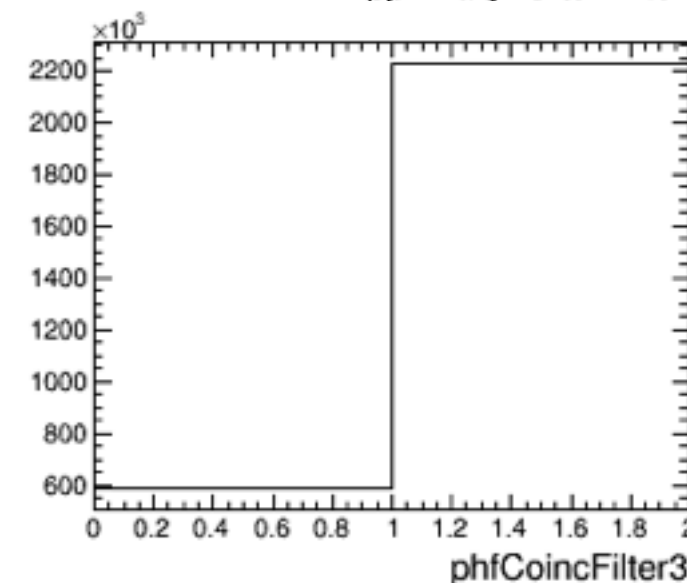
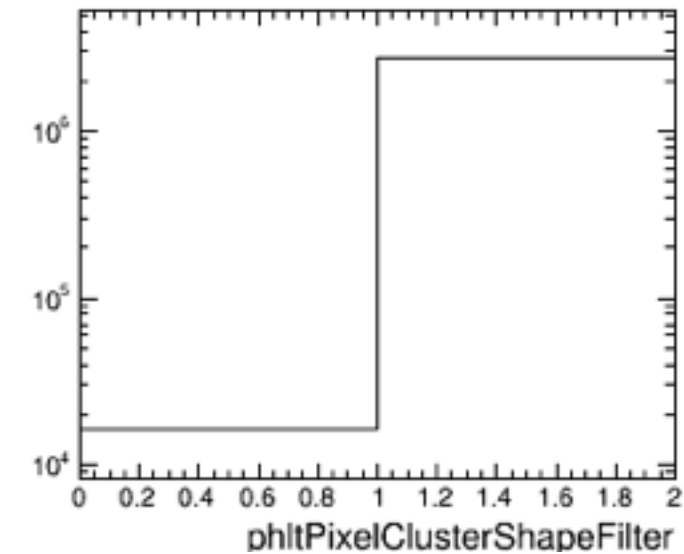
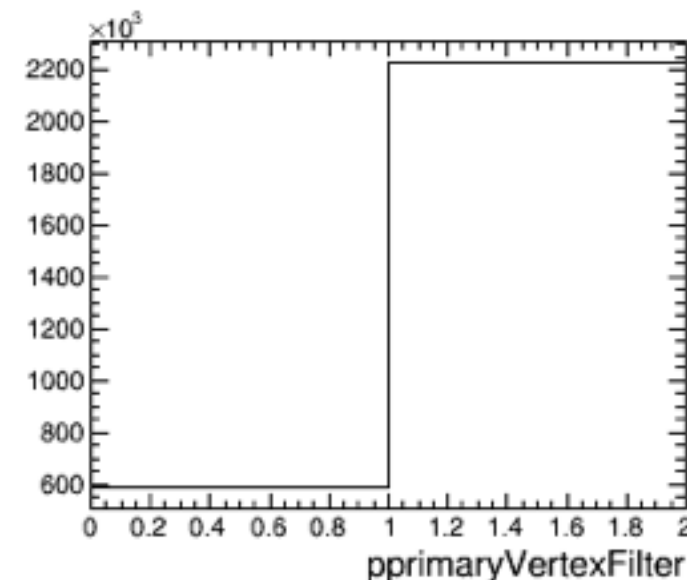
2014.10.10
Yeonju Go



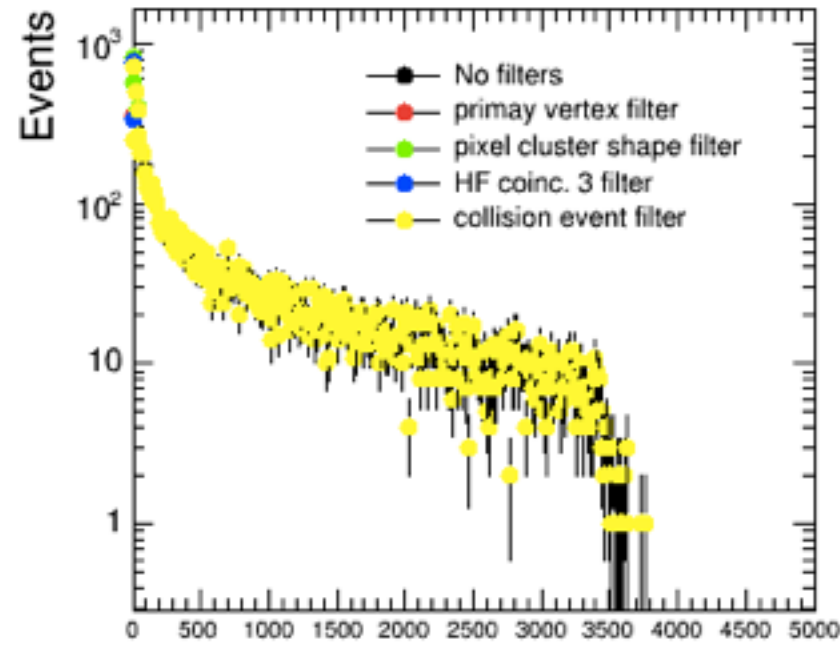
- Used File
 1. DATA : forests produced by Kiso Lee
RECO DAS : /HIMinBiasUPC/HIRun2011-14Mar2014-v2/RECO
- applied HLT Trigger : HLT_HIMinBiasHfOrBSC_v1

- Event selection dependence

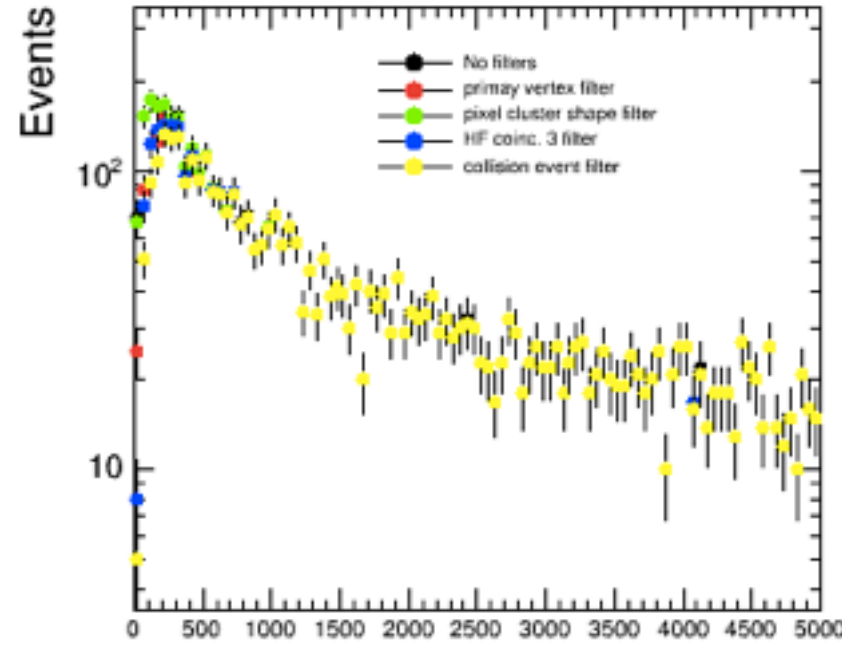
1. primary vertex filter
2. pixel cluster shape filter
3. HF coin. 3 filter
4. collision event filter = 1 + 2 + 3



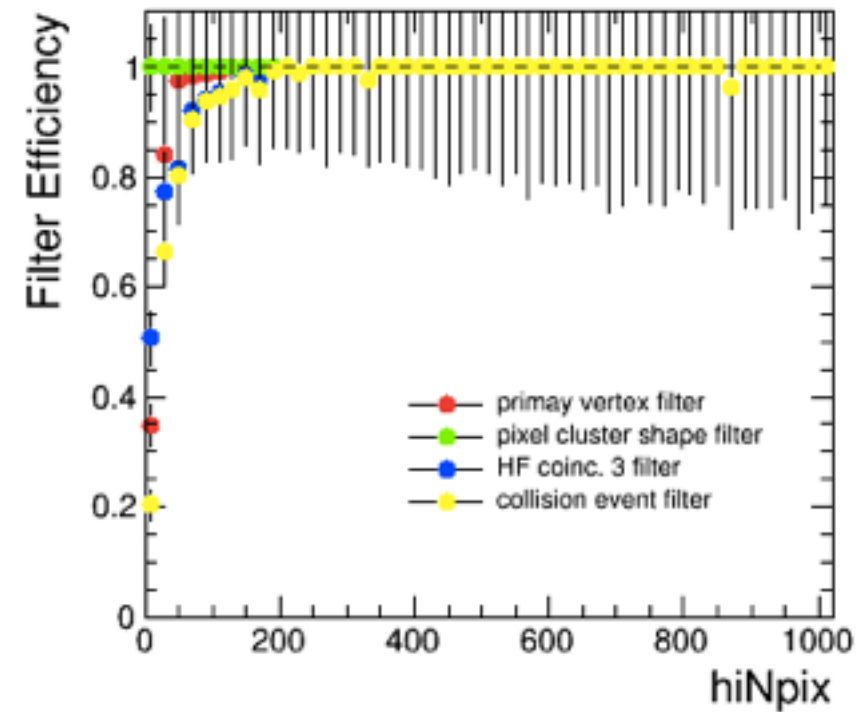
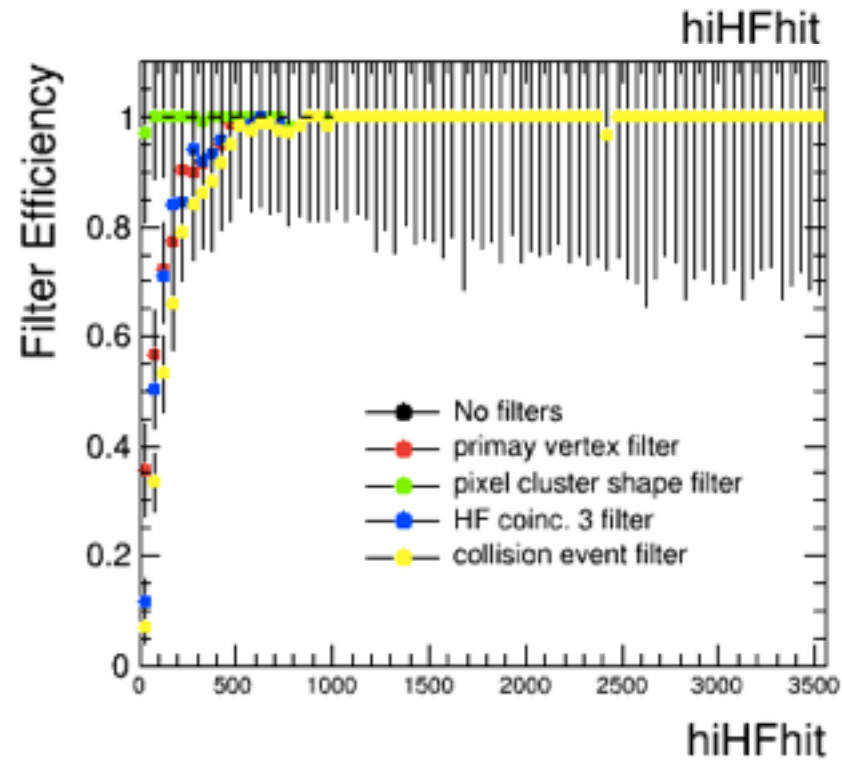
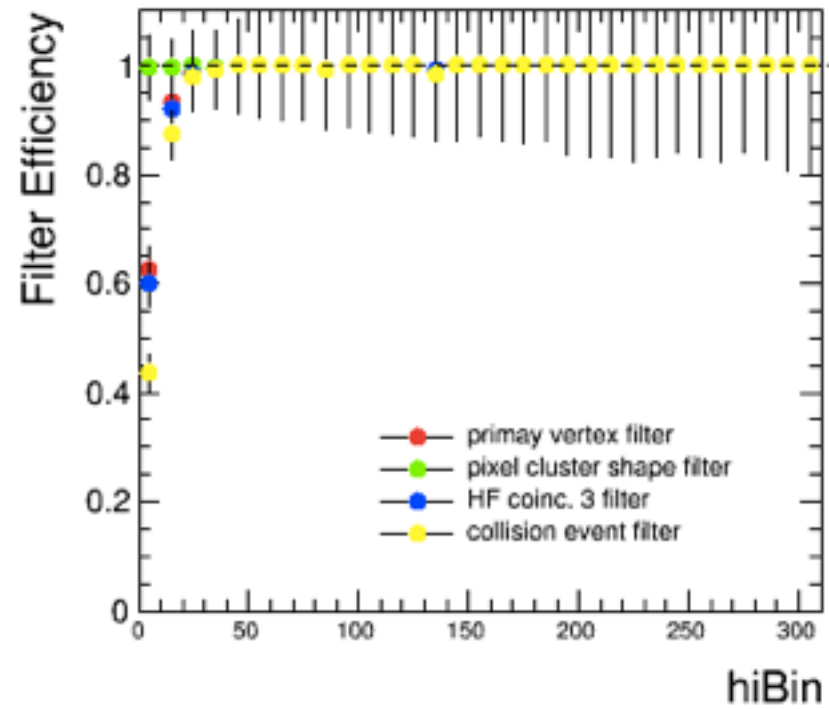
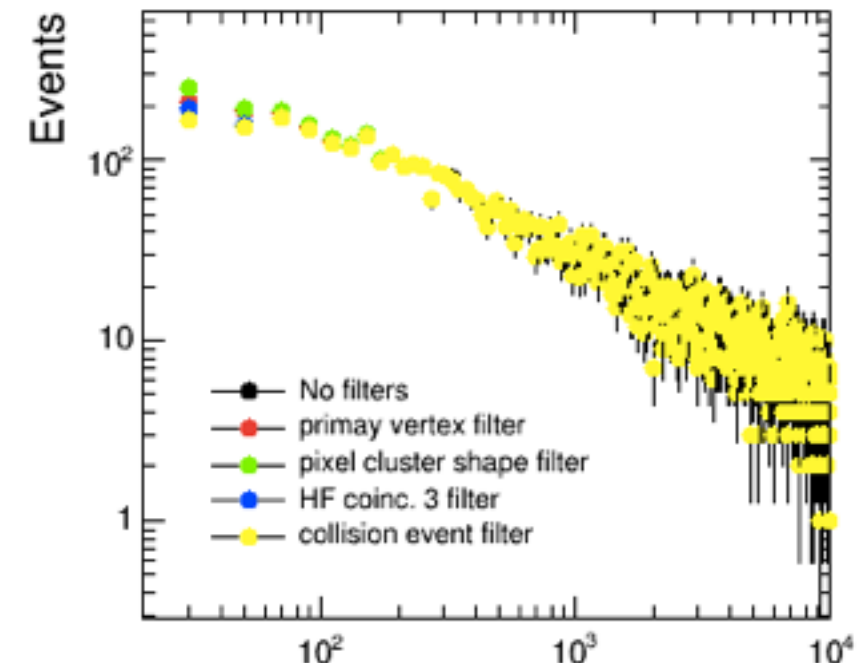
hiHF



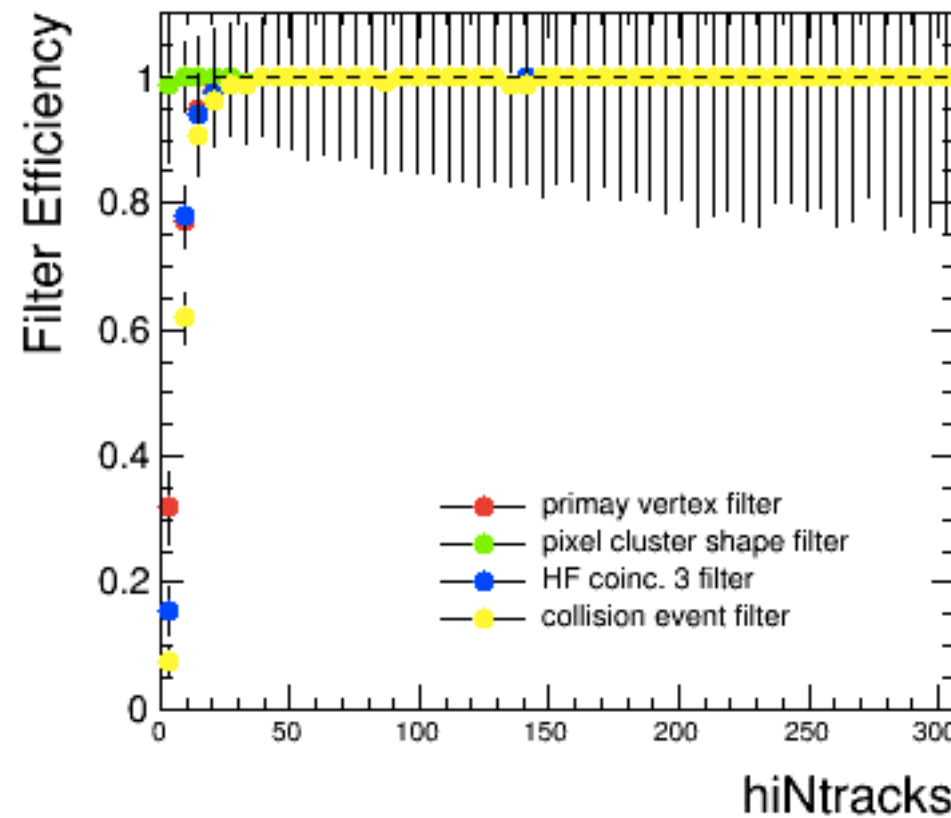
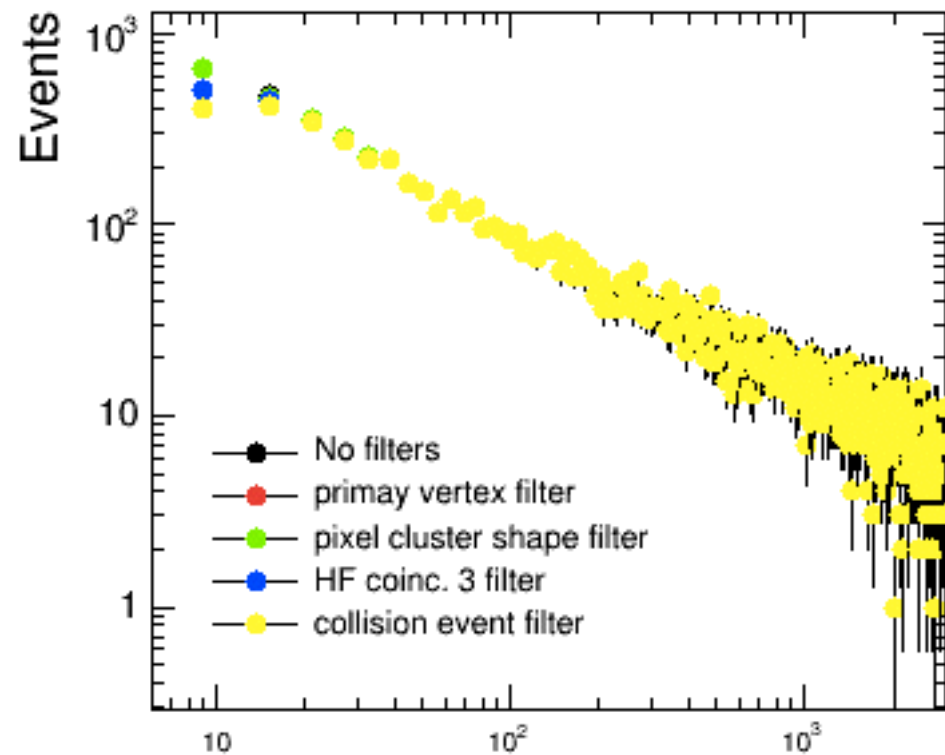
hiHFhit



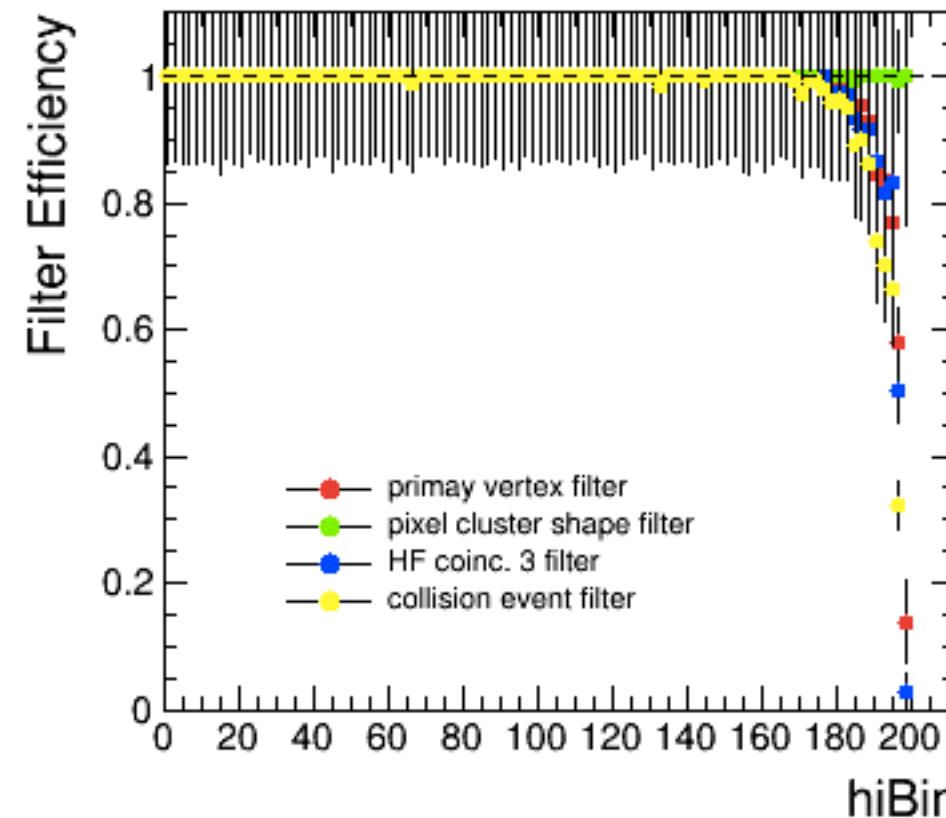
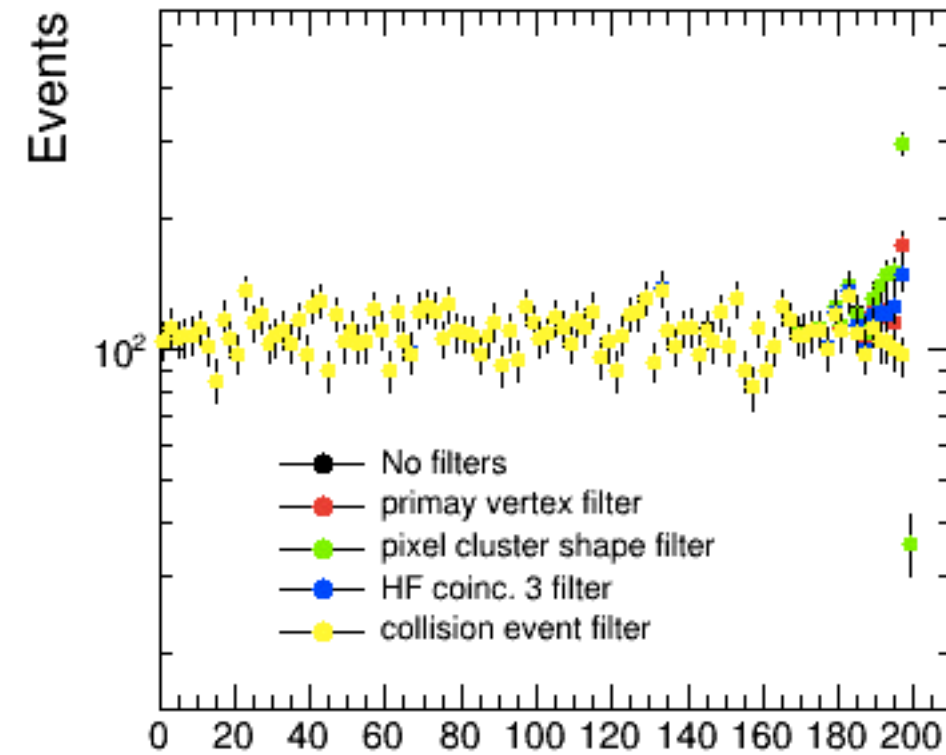
hiNpix



hiNtracks

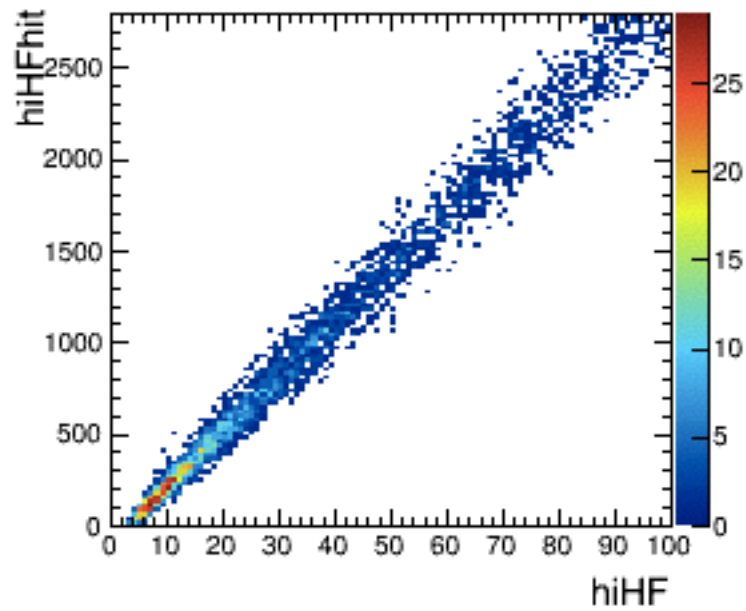


hiBin

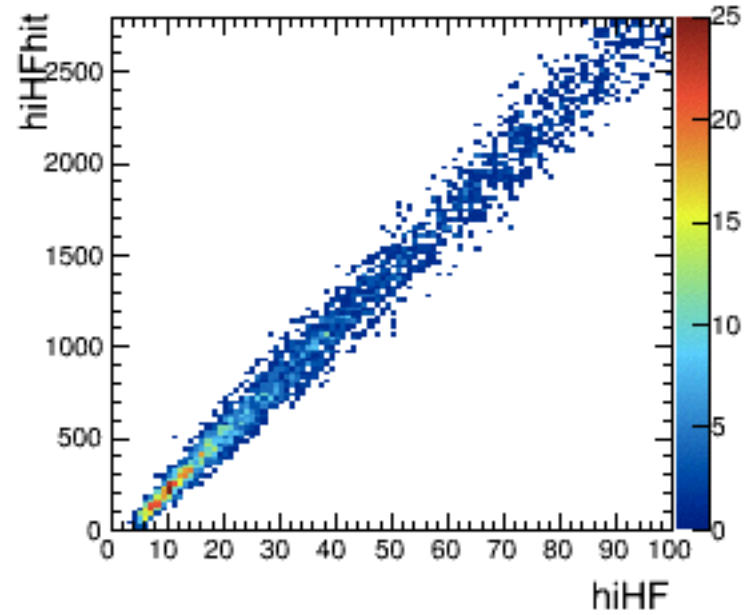


HF vs. HF hits

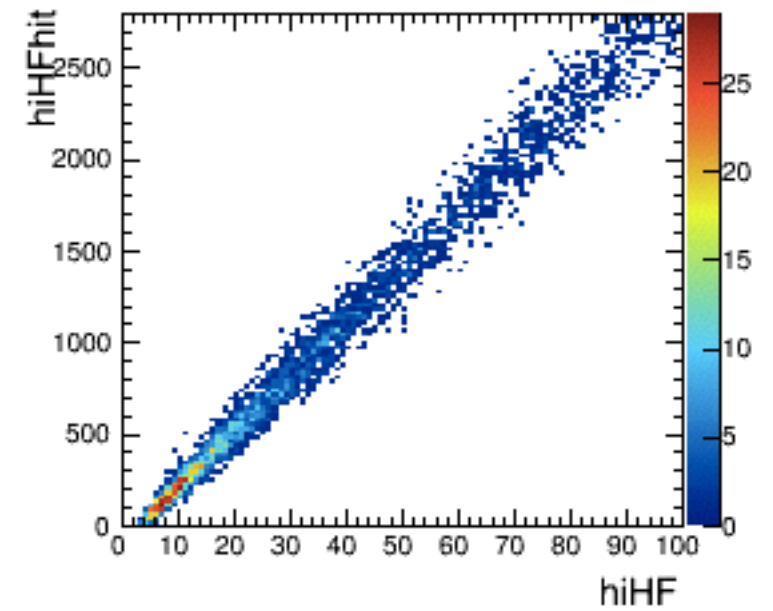
No Filter



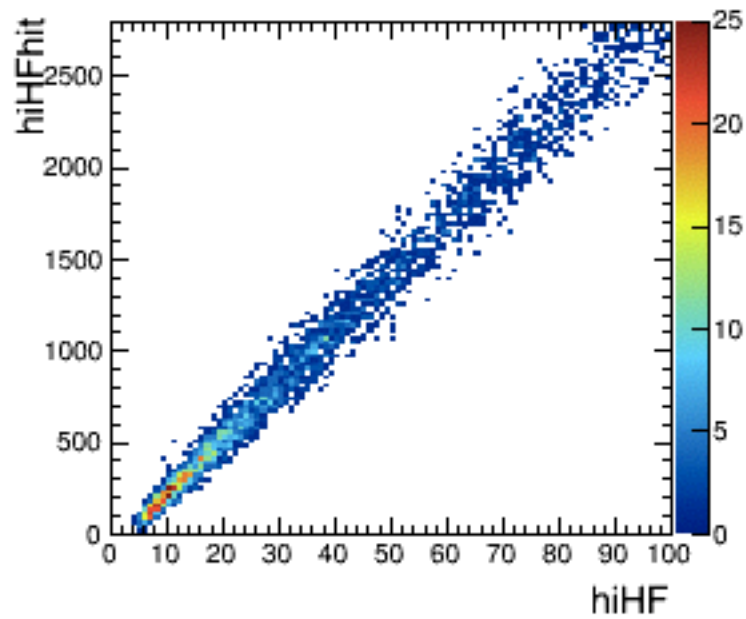
Primary vertex Filter



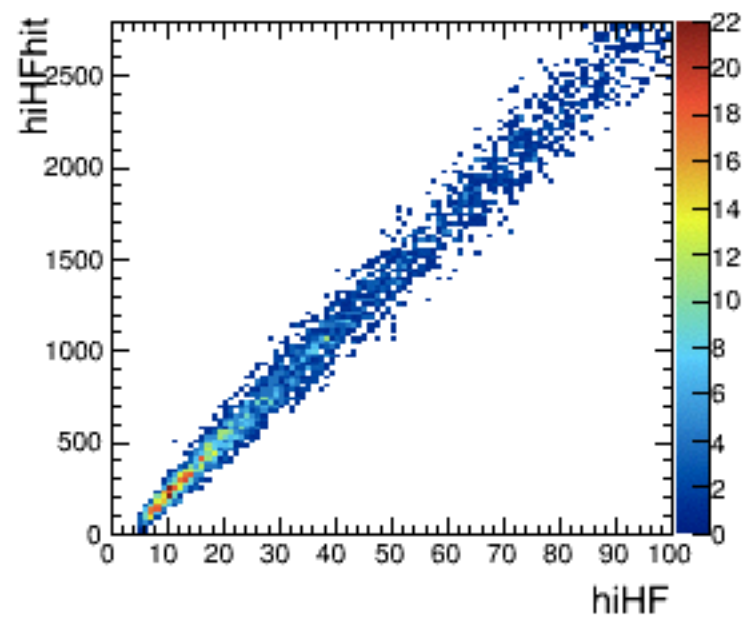
Pixel cluster shape Filter



HF coinc. 3 Filter

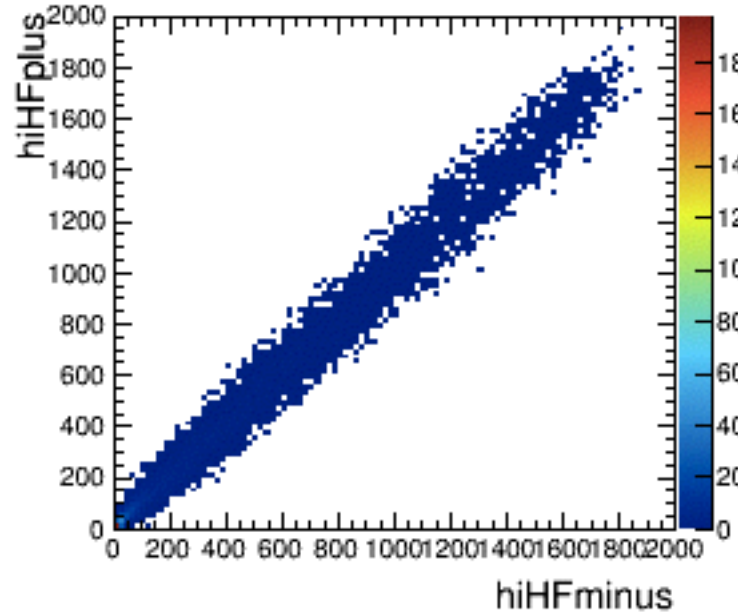


collision event Filter

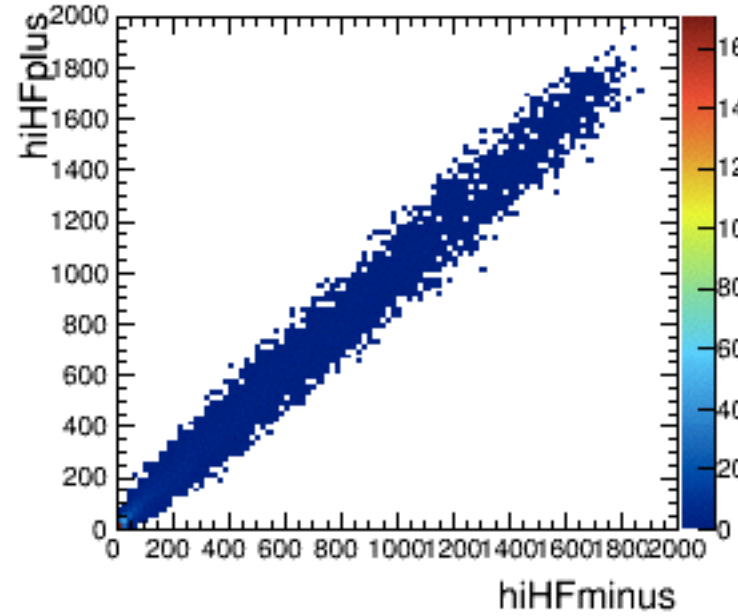


HF minus vs. HF plus

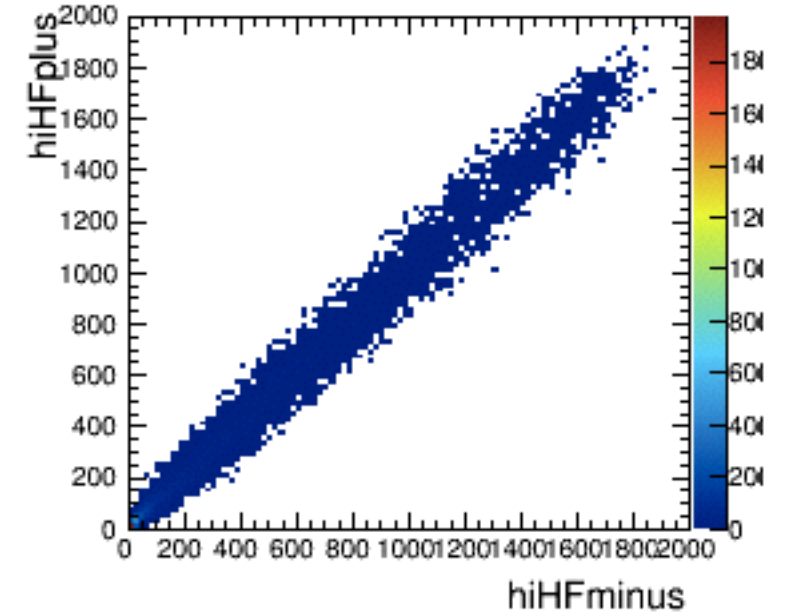
No Filter



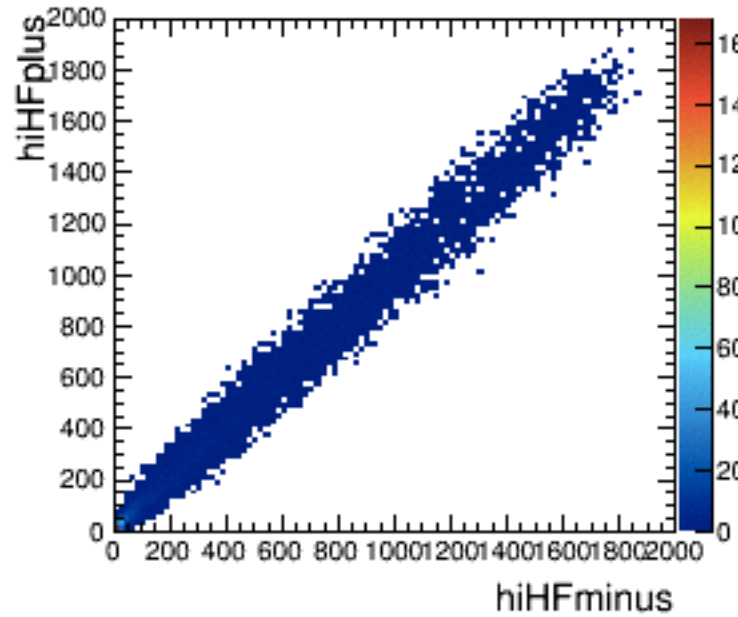
Primary vertex Filter



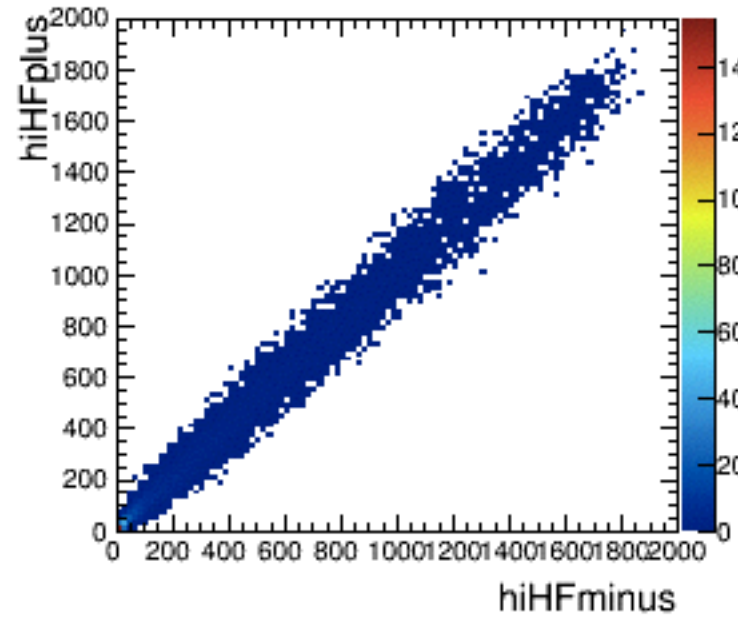
Pixel cluster shape Filter



HF coinc. 3 Filter

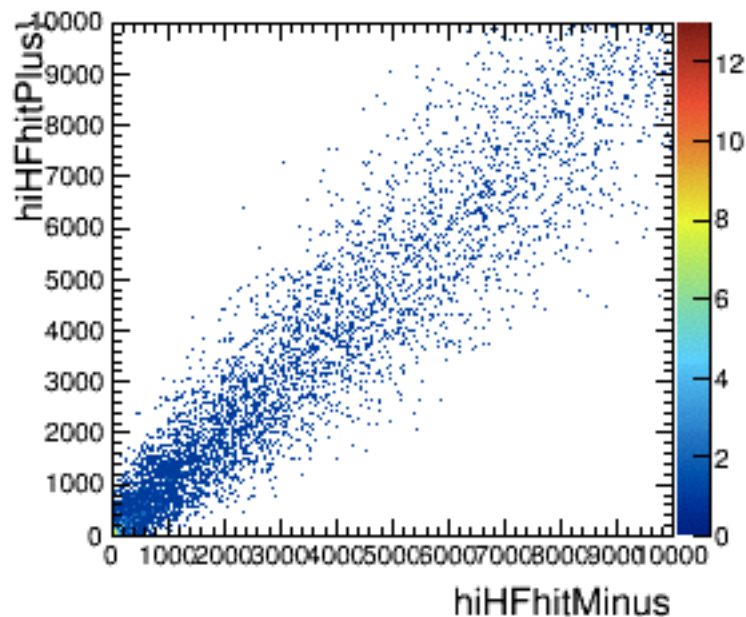


collision event Filter

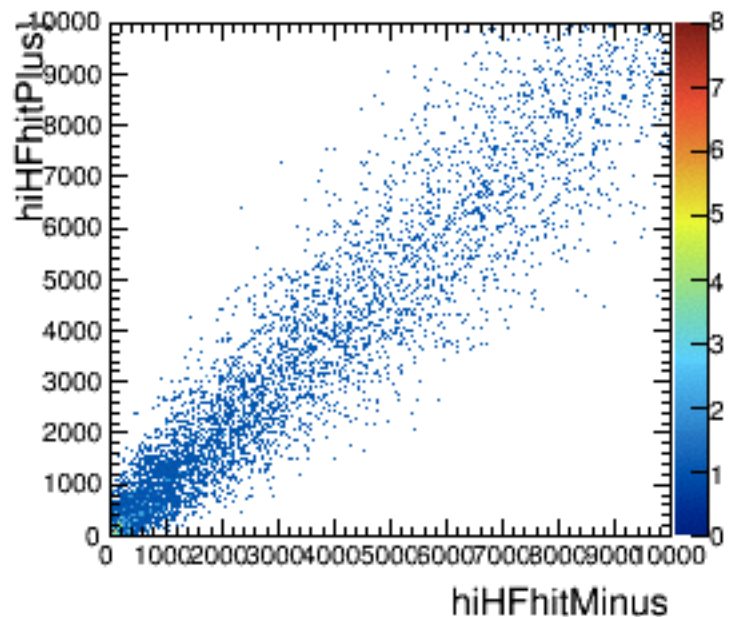


HF hits plus vs. HF hits minus

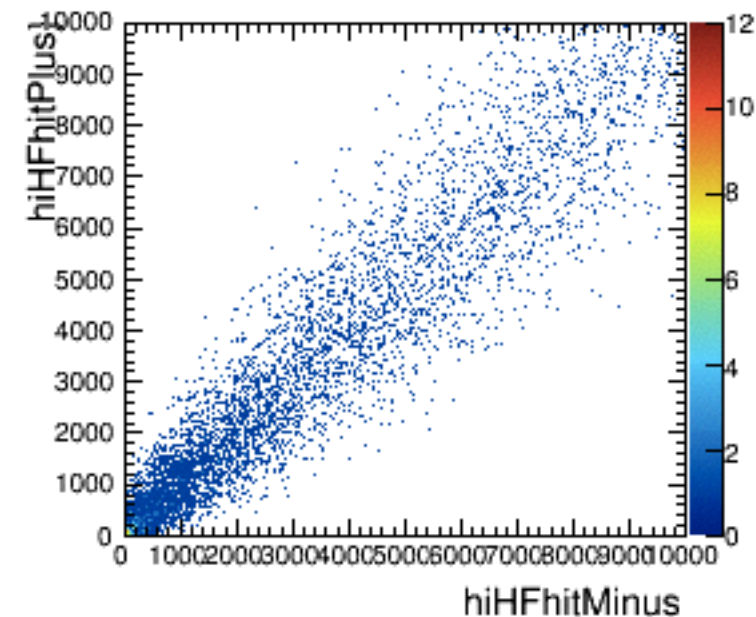
No Filter



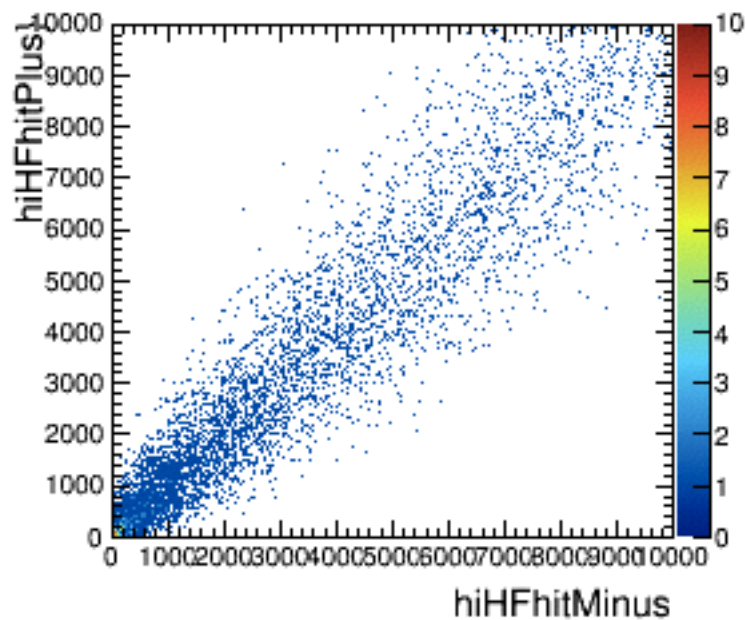
Primary vertex Filter



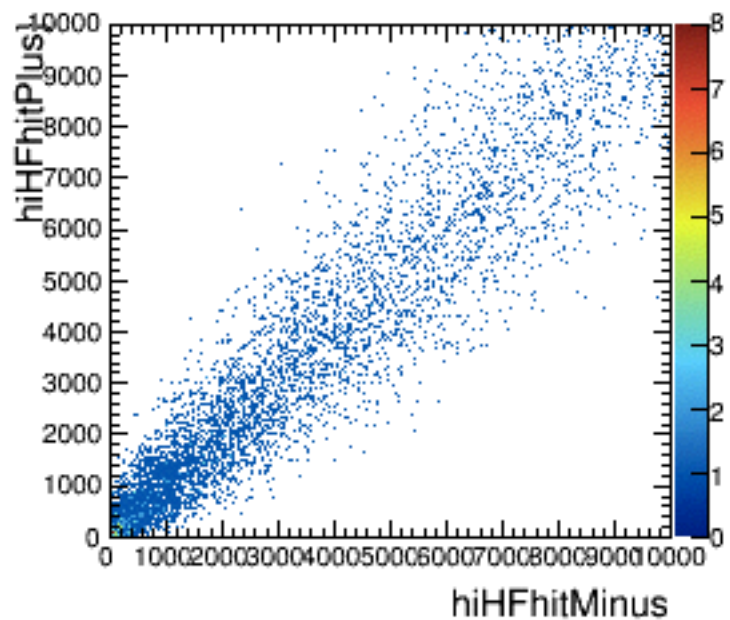
Pixel cluster shape Filter



HF coinc. 3 Filter



collision event Filter



- [Centrality]
 1. DATA, MC are foresting.
 2. Reproducing the earlier analysis plots. (AN-2010-412)
 3. Have to get idea for UPC contamination study

- [Jet Energy Correction]
 1. Some part of code are debugged
 2. Few days ago, found photon sample for JEC are wrong. new file for JEC are producing
 3. After getting right file, some fit functions should be tested.

BACK UP

hiET

hiEE

hiEB

