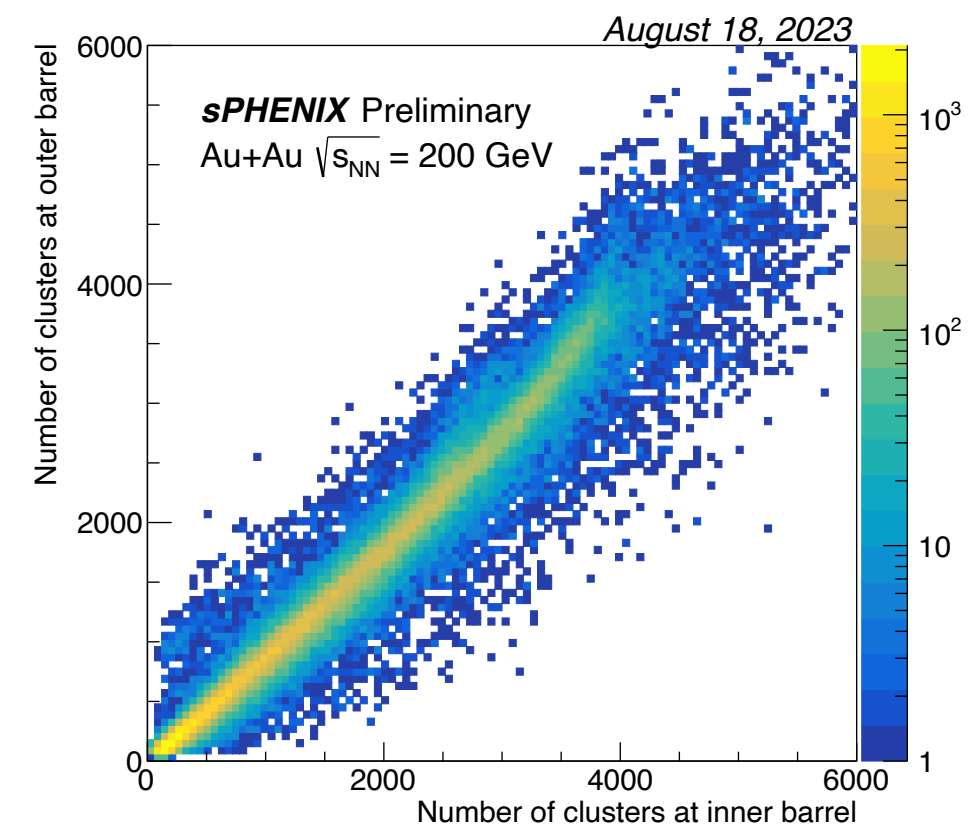


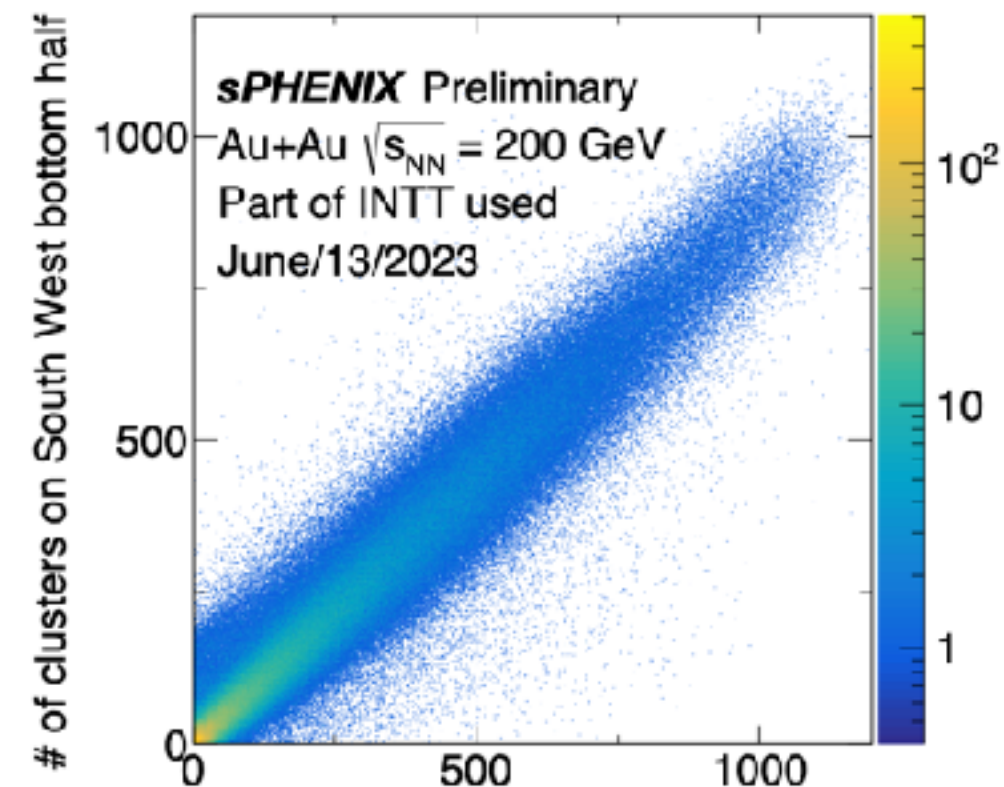
Correlation plots for release

Genki Nukazuka (RIKEN)

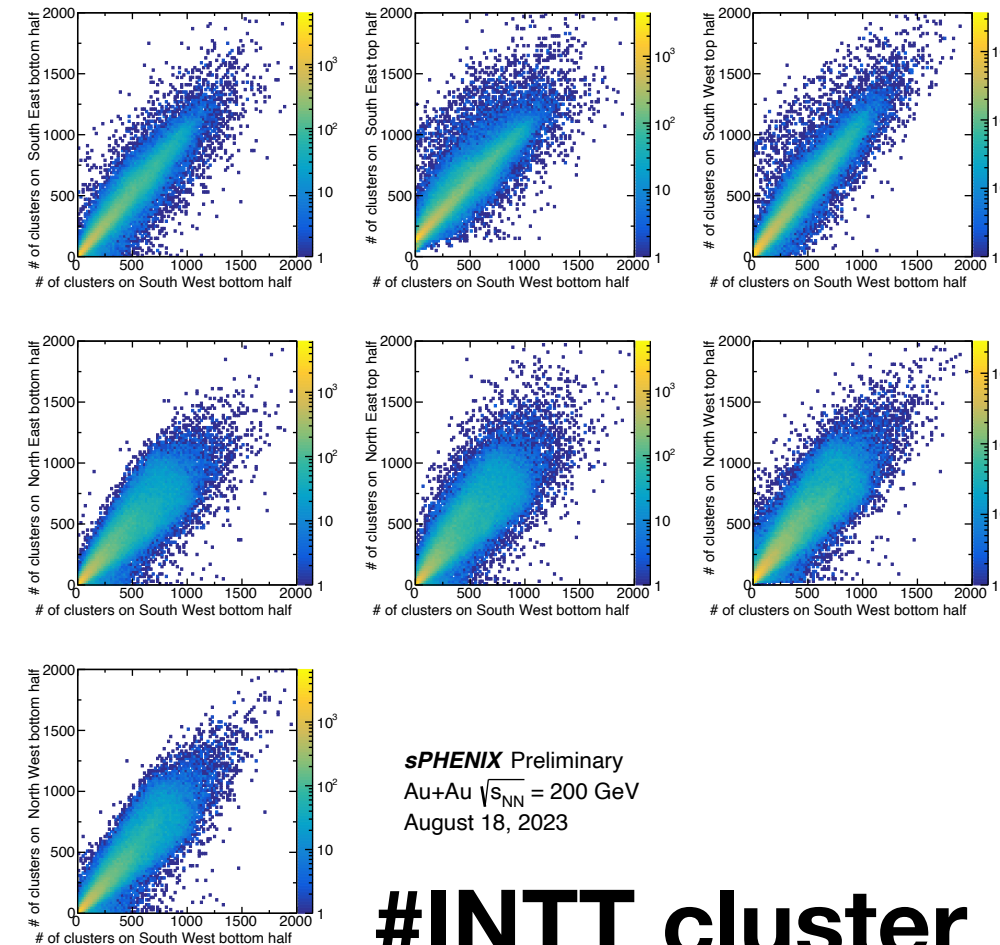
What was released last year?



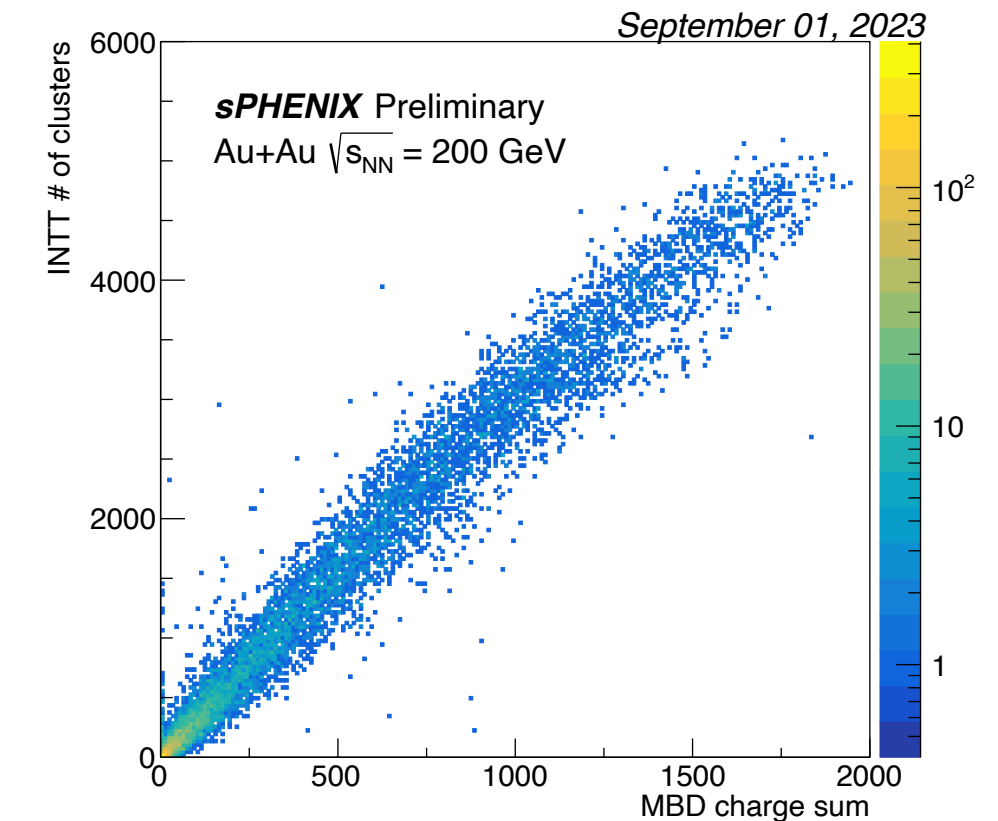
**#INTT cluster
Inner vs Outer**



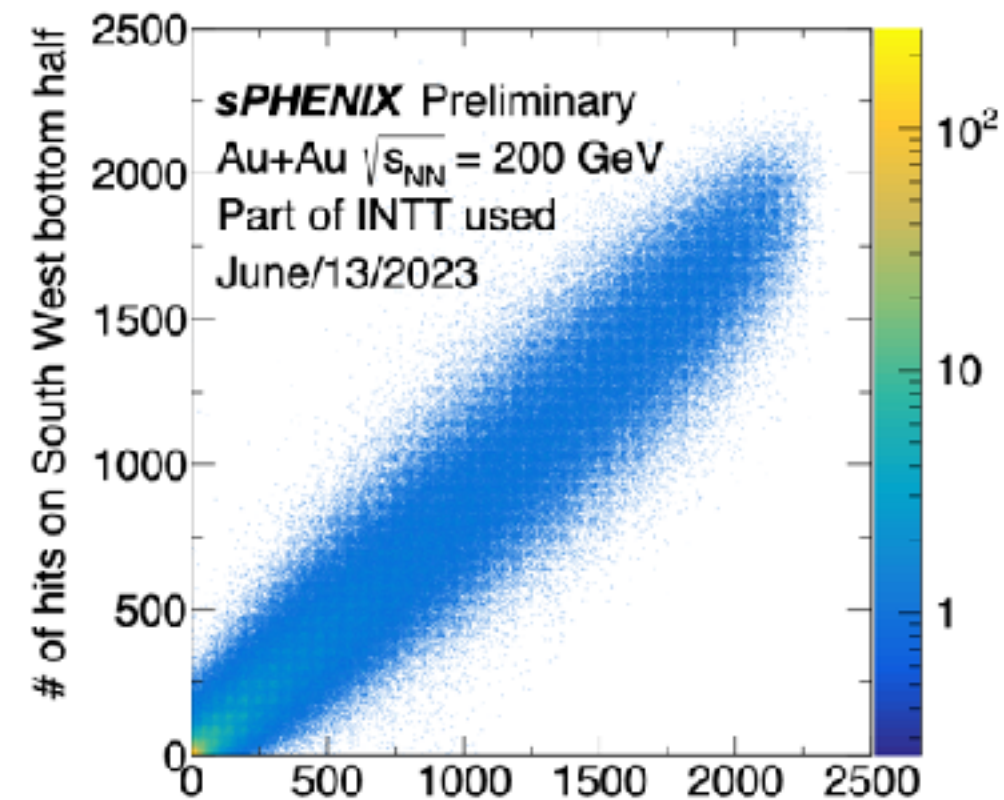
**#INTT cluster
Top vs Bottom**



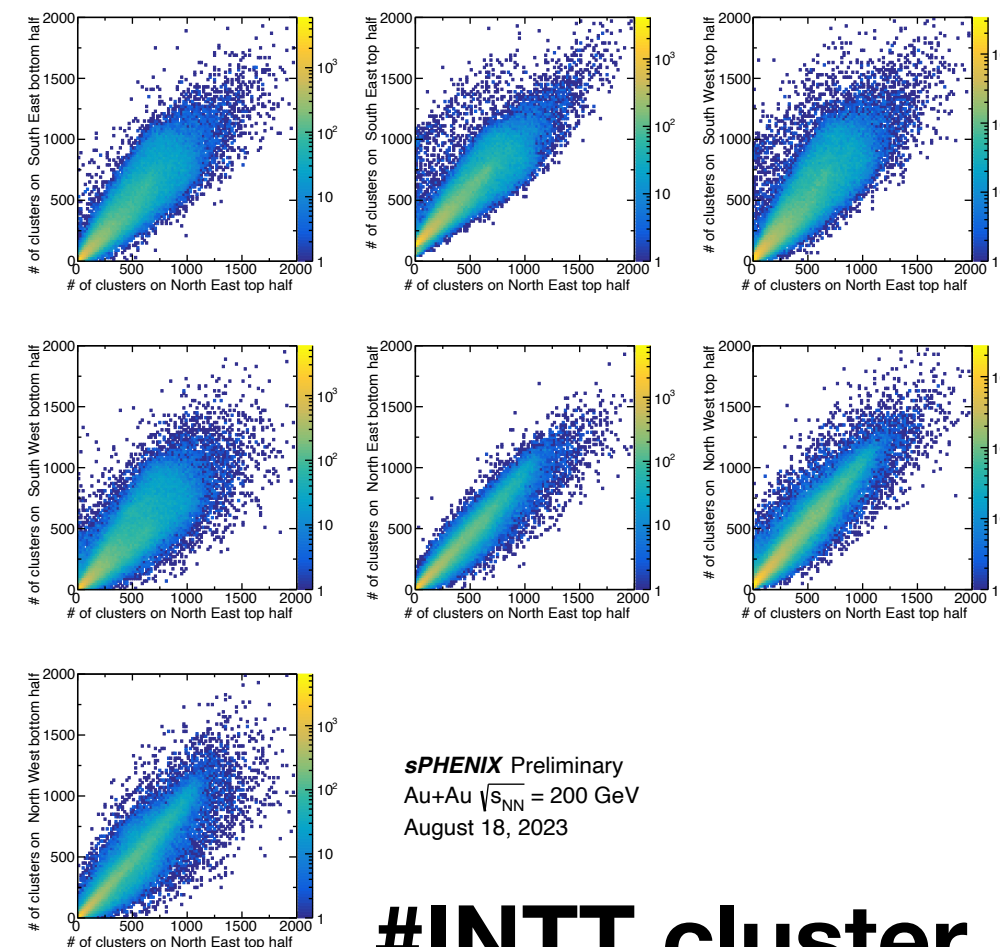
**#INTT cluster
FELIXes**



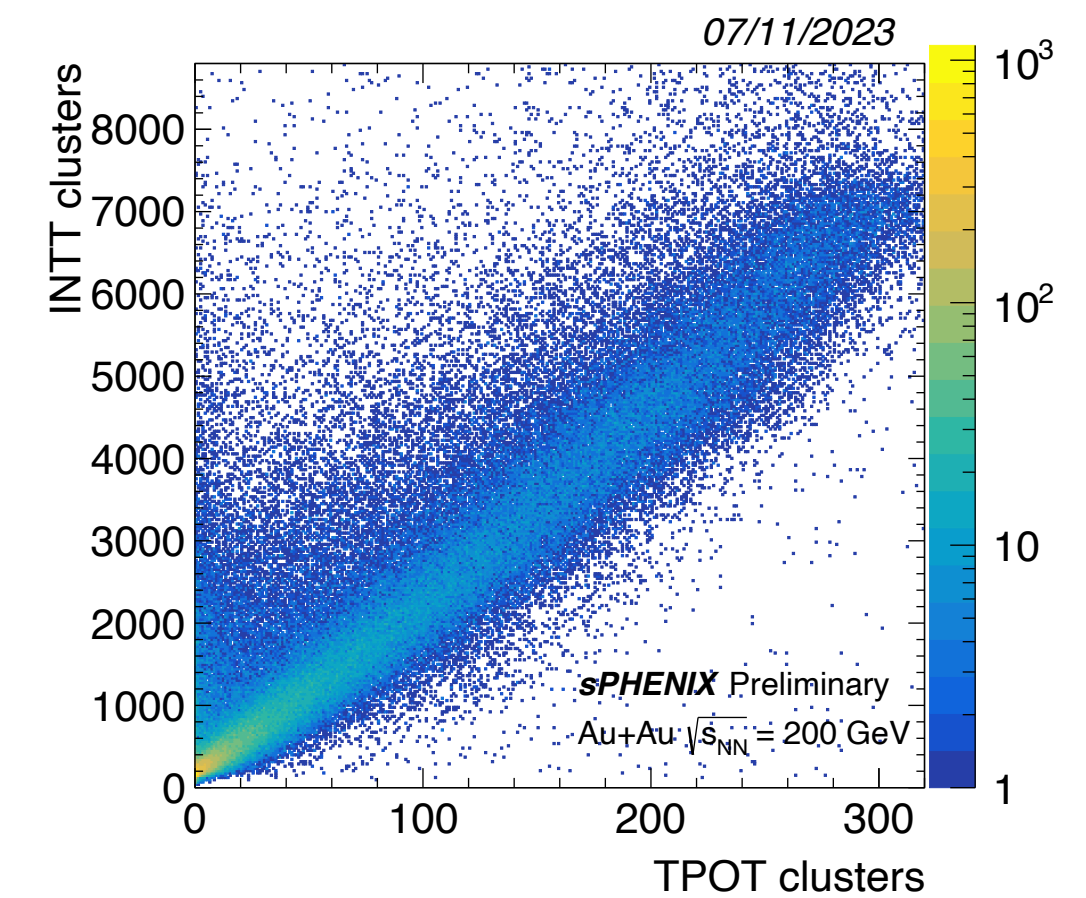
#INTT cluster vs MBD



**#INTT hit
Top vs Bottom**

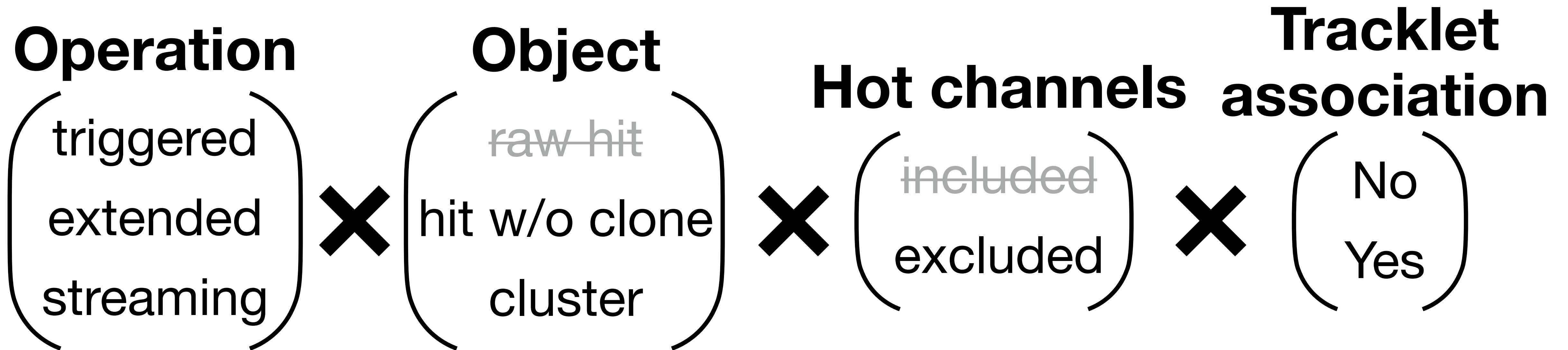


**#INTT cluster
FELIXes**



#INTT cluster vs TPOT

What can be available this year?



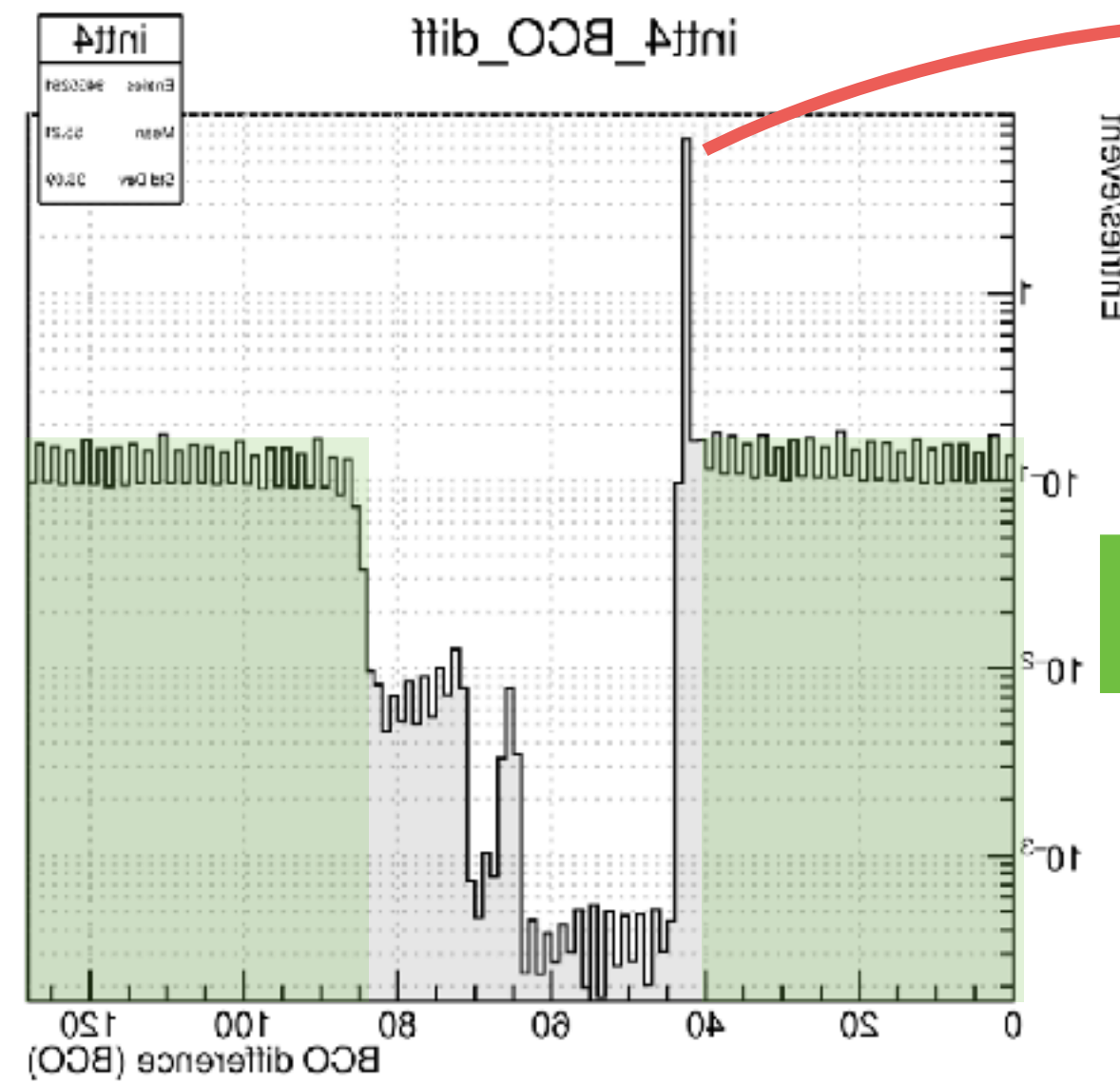
n.b.: Extended and streaming data are essentially consistent

- triggered hits w/o clone, hot channels excluded
- streaming hits w/o clone, hot channels excluded
- triggered clusters w/o clone, hot channels excluded
- streaming clusters w/o clone, hot channels excluded
- streaming clusters w/o clone, hot channels excluded, tracklet association

Choice of data type

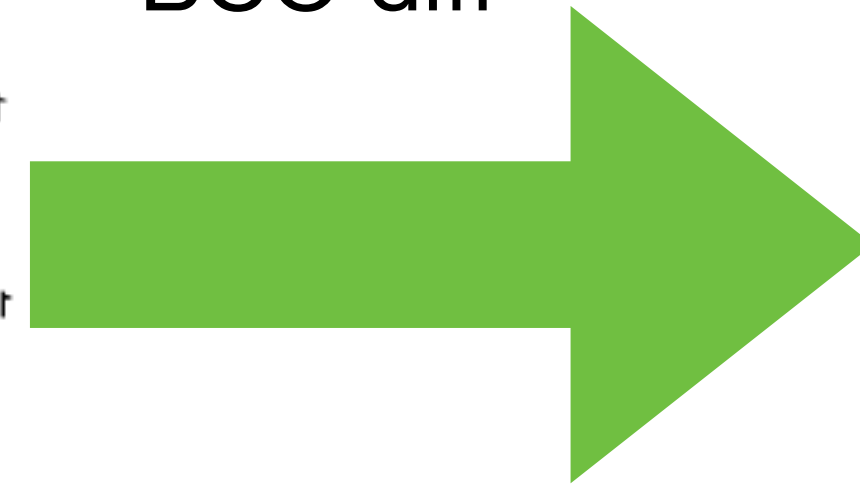
Operation

triggered
extended
streaming



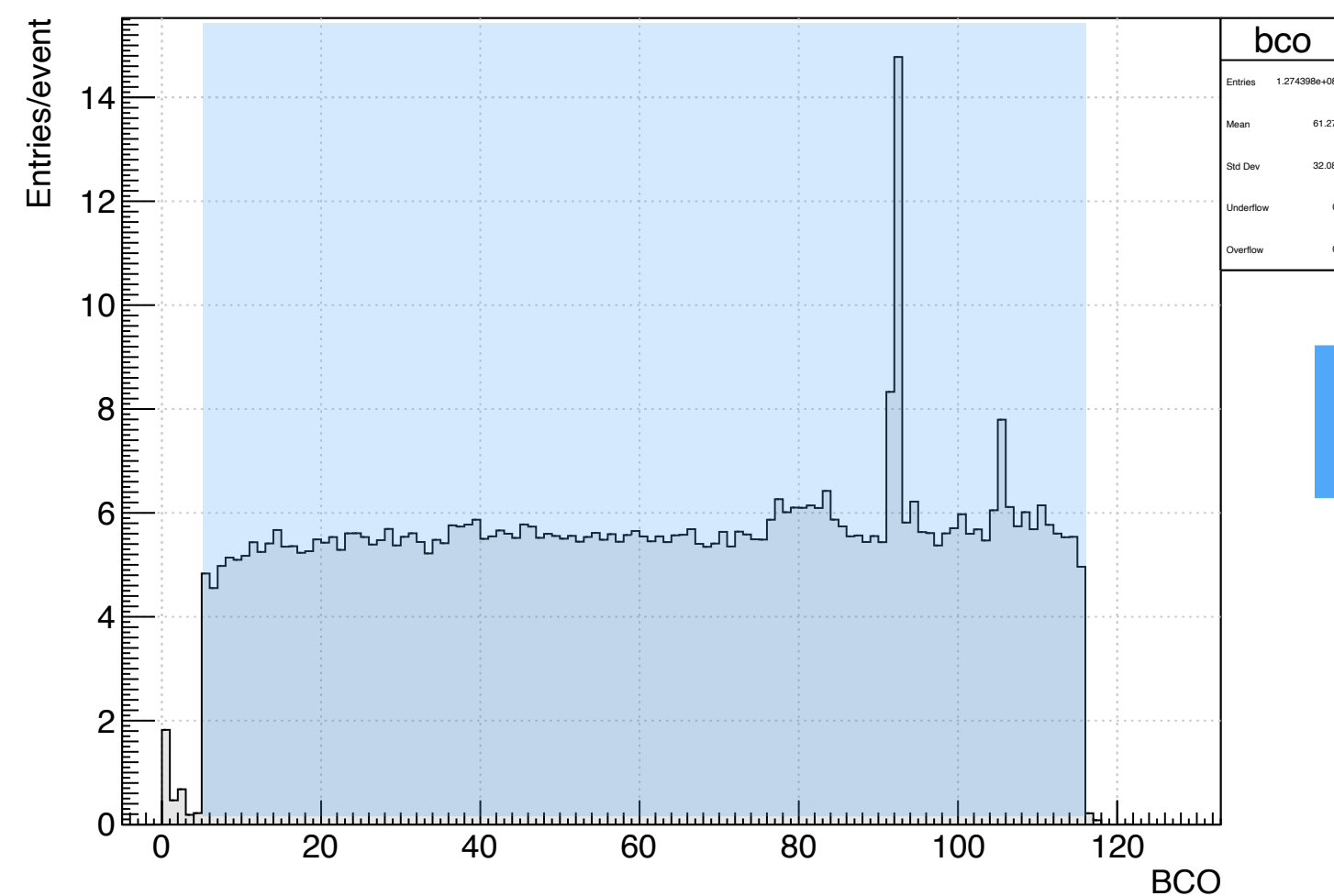
selection of
BCO diff

Triggered data



Extended data

BCO distribution



selection of
FPHX BCO

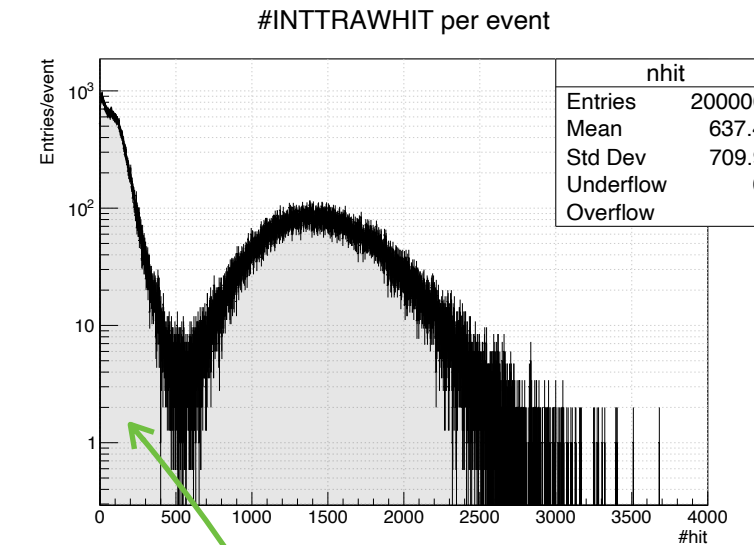
Streaming data

A new definition of BCO difference was recently proposed:
old: BCO full - FPHX BCO
new: FPHX BCO - BCO full

Status in this year

What about the choice of trigger?

The choice of runs is arbitrary.

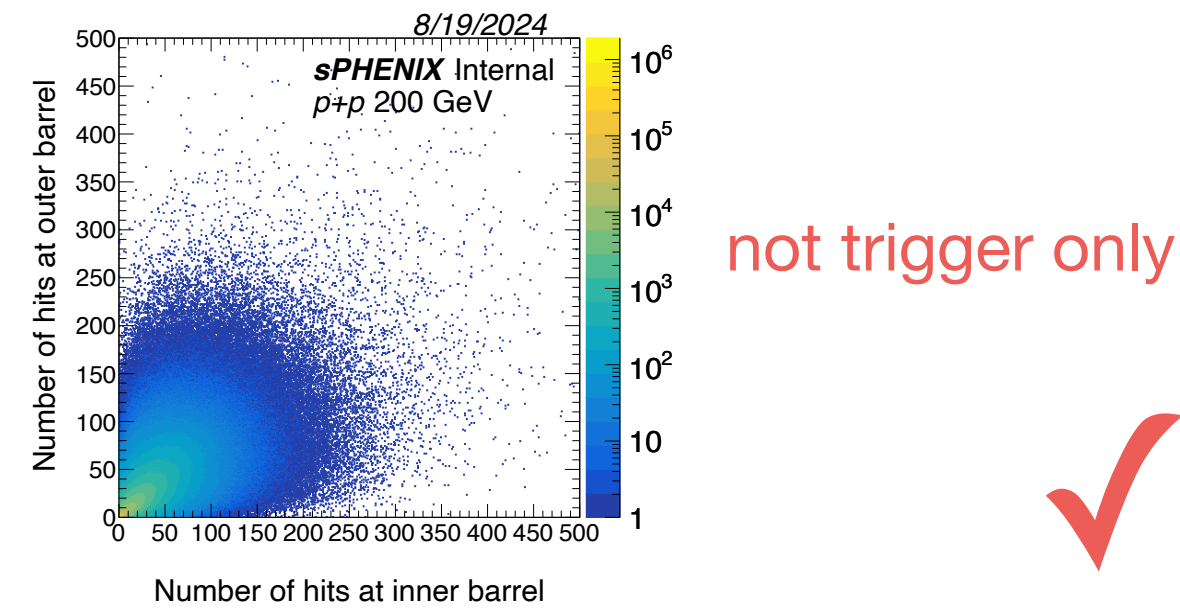


#INTT hit

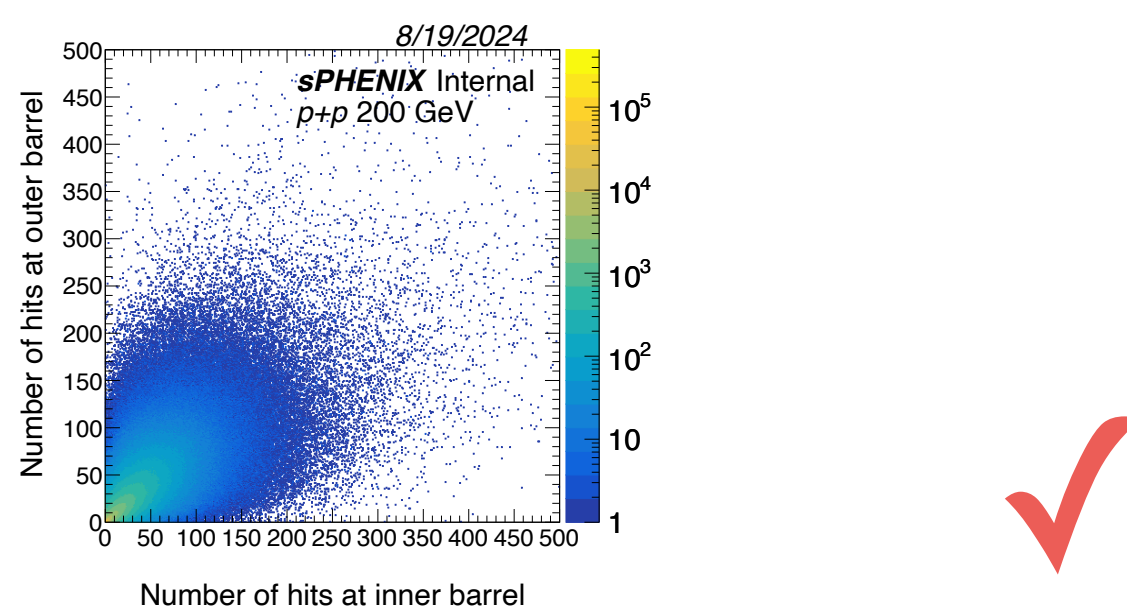
Condition

No cut

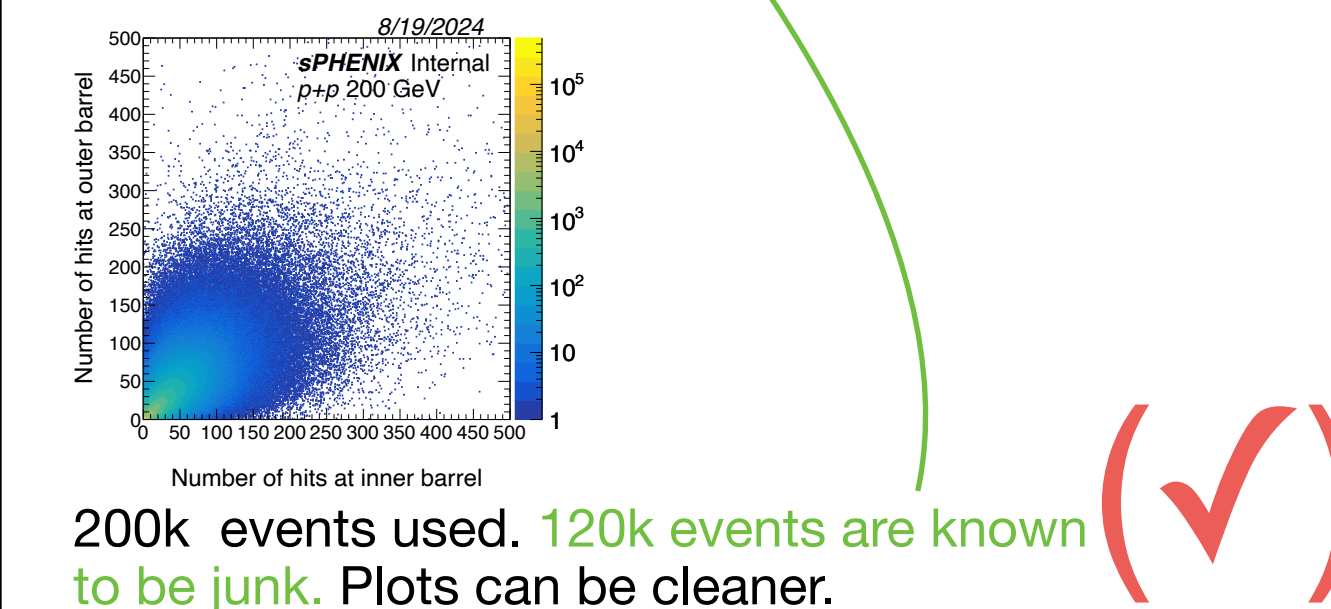
Run 50377, Triggered only



Run 49737, Triggered+Extended

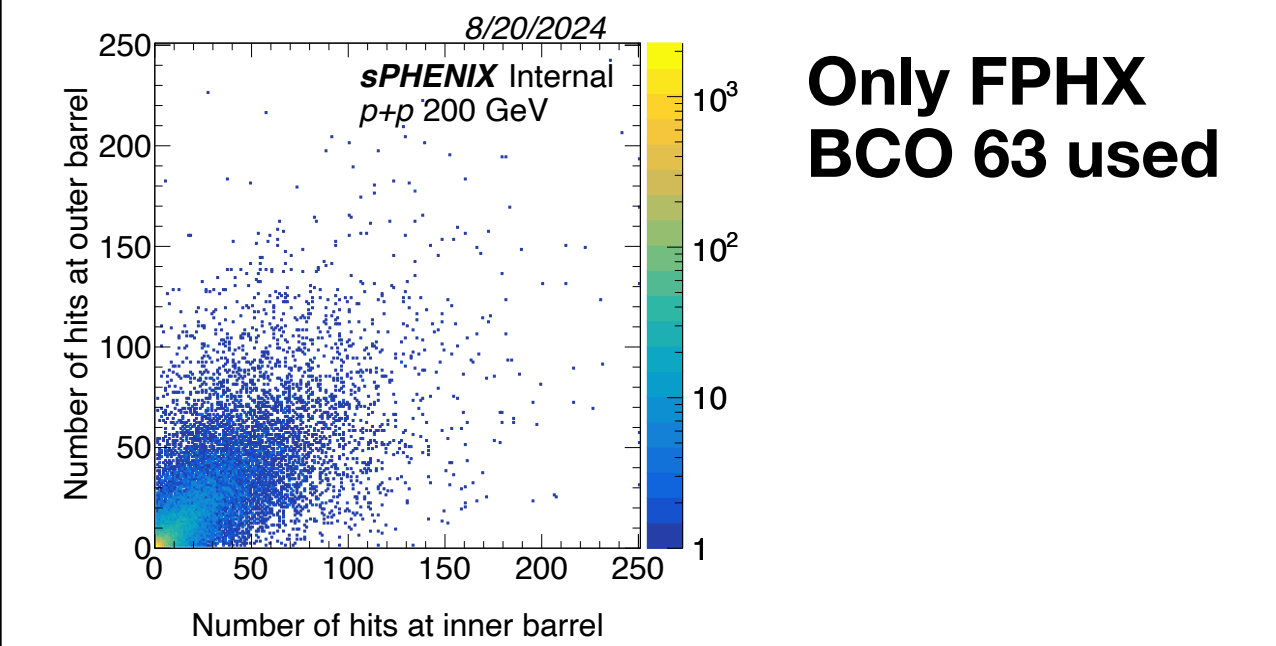
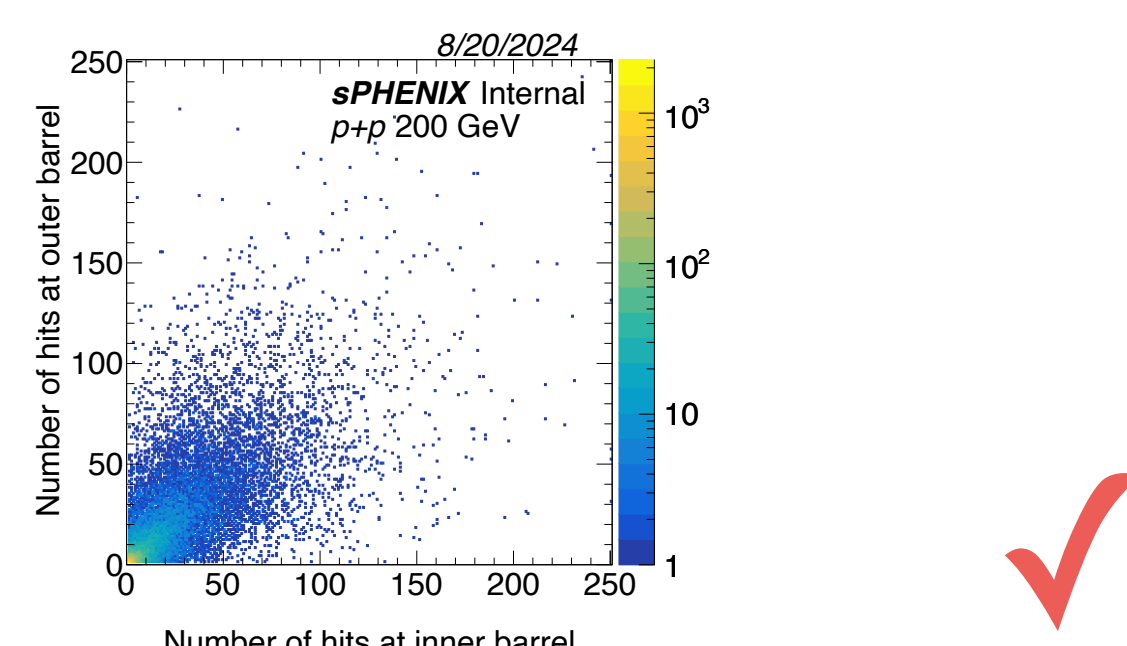
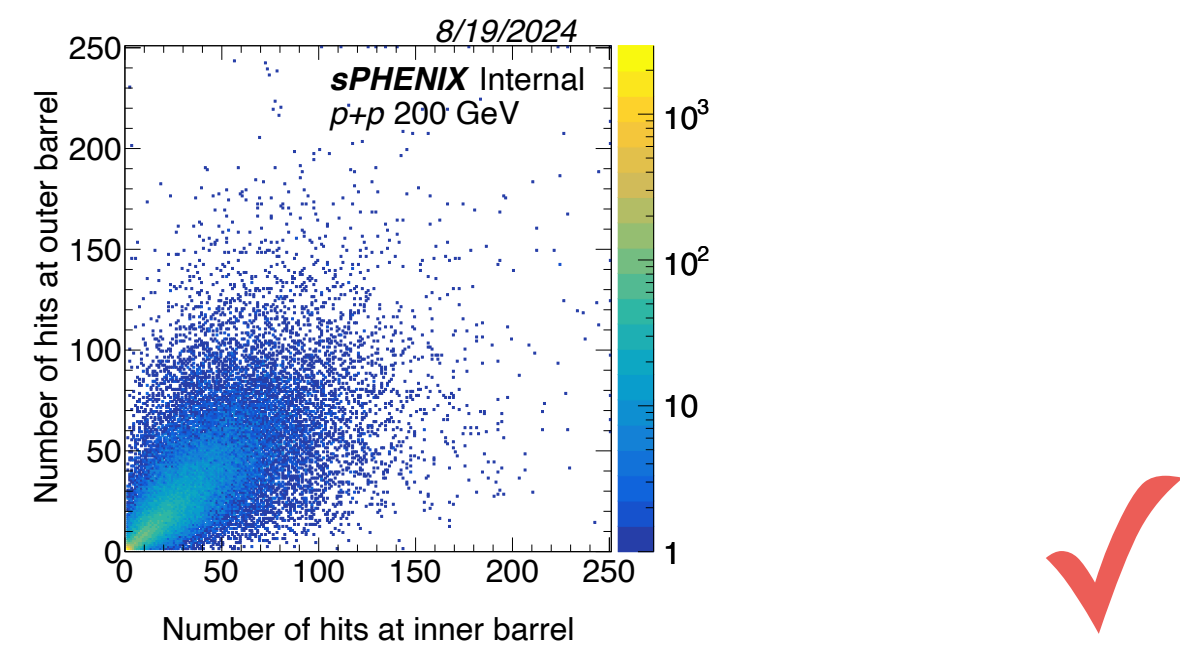


Run 49743 Streaming



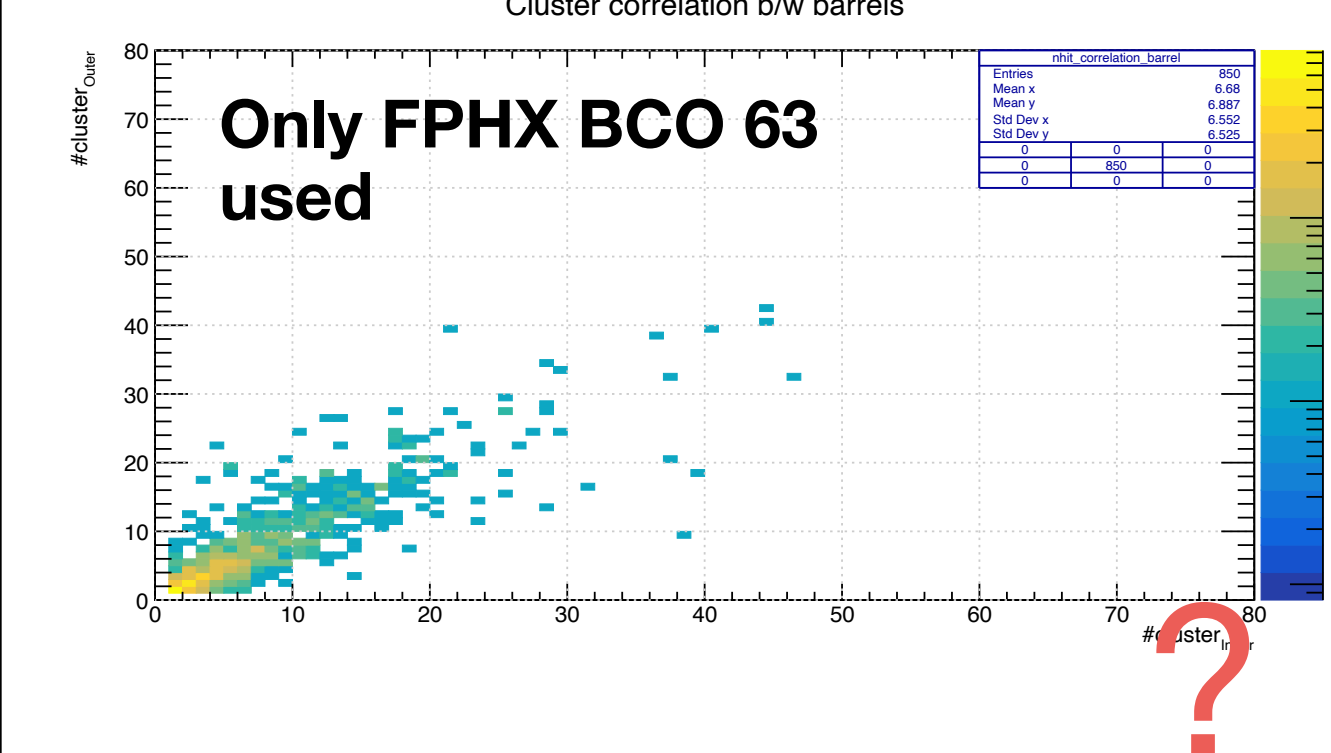
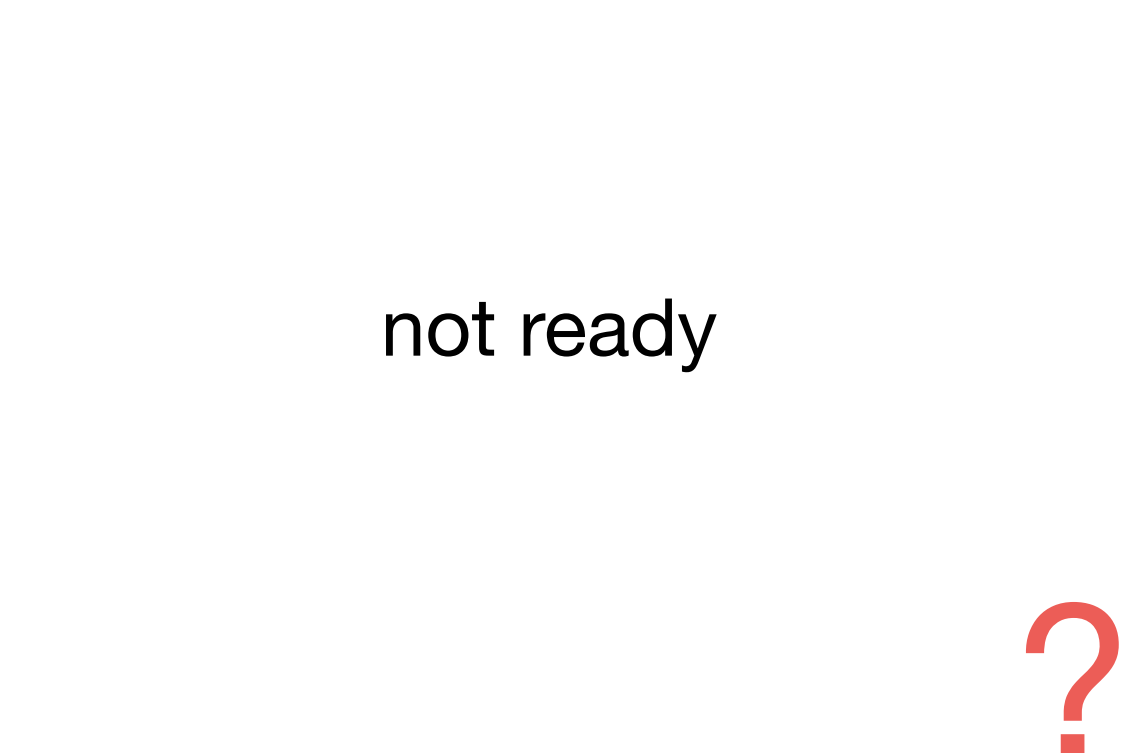
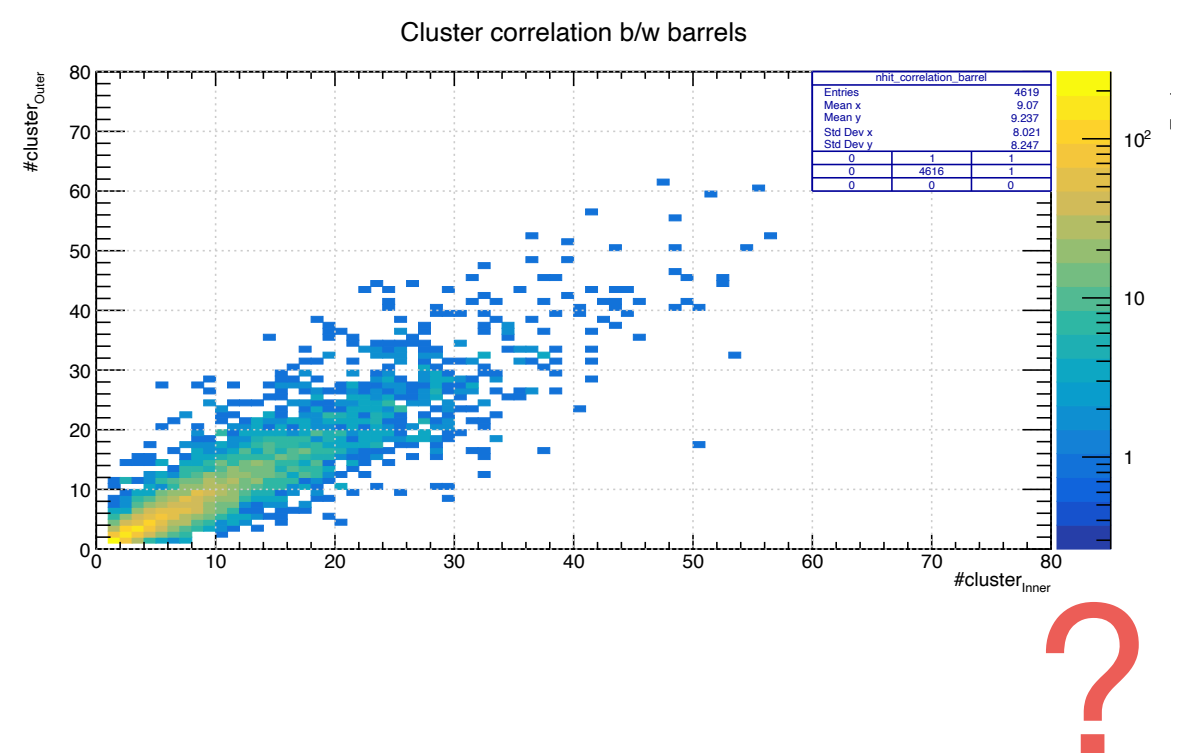
#INTT hit

Clone hit rejection
Hot channel rejection



#INTT cluster

Clone hit rejection
Hot channel rejection
Tracklet association

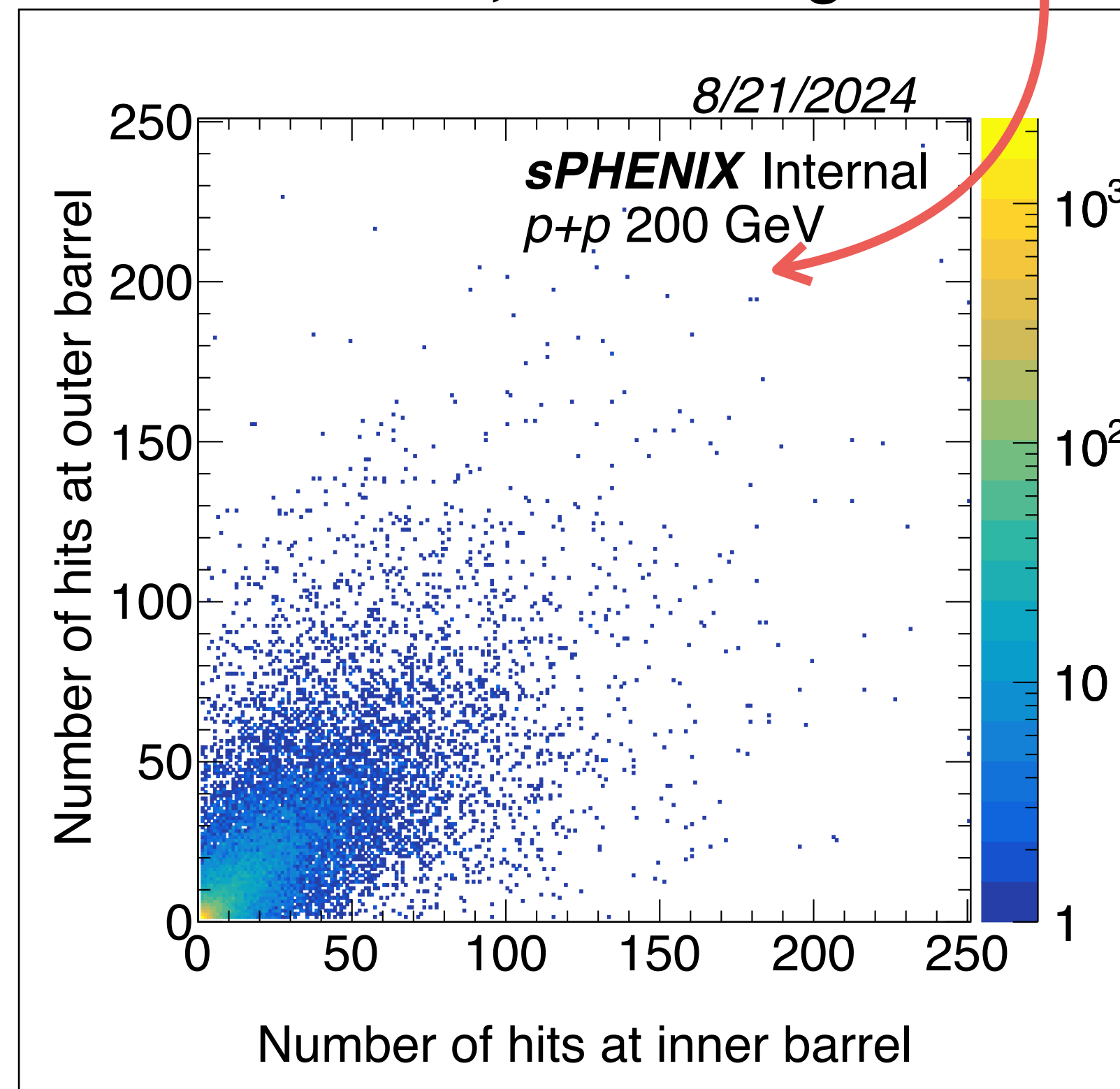
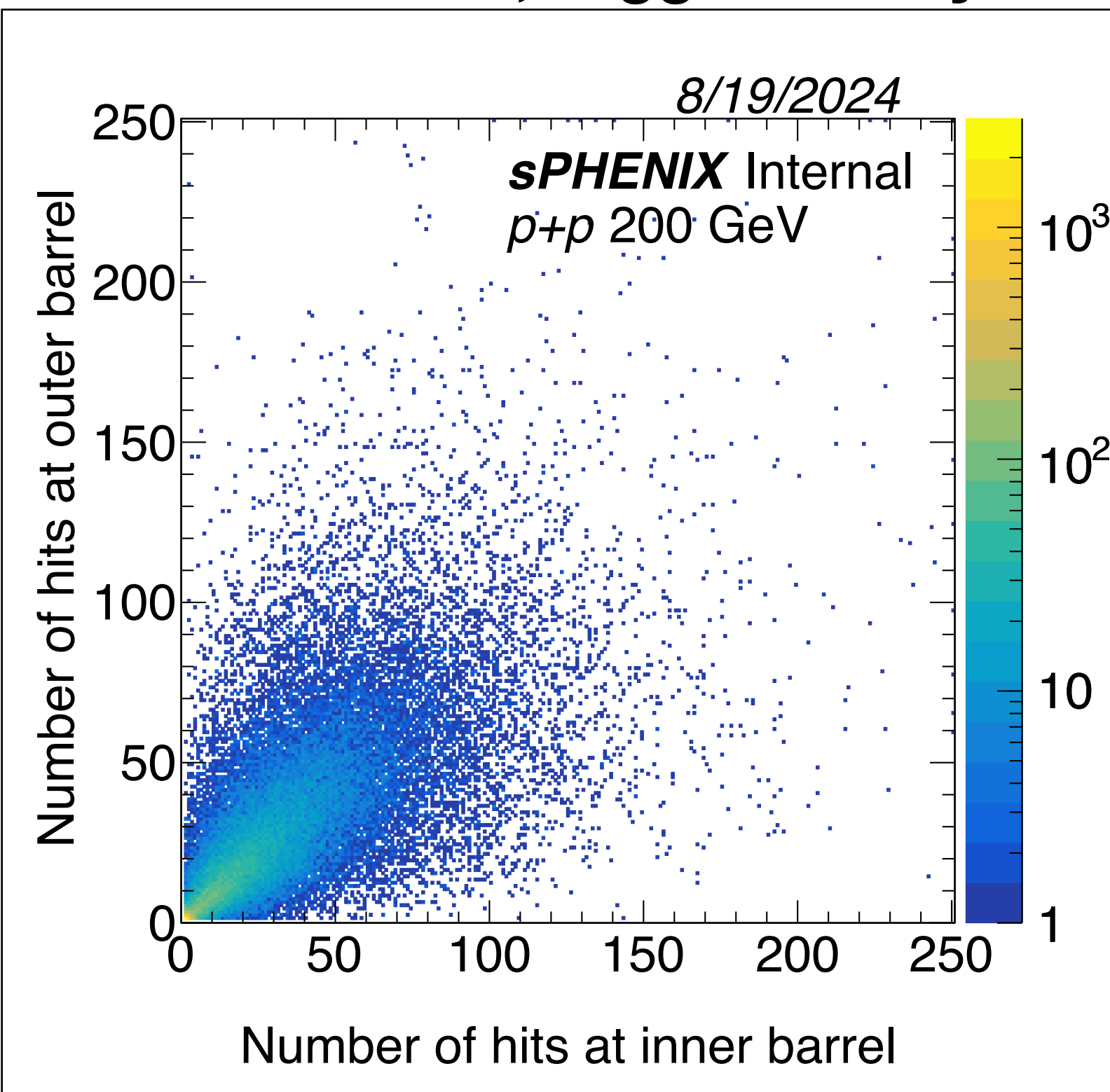


Example of Plots

Run 50377, triggered only

Run 49743, Streaming

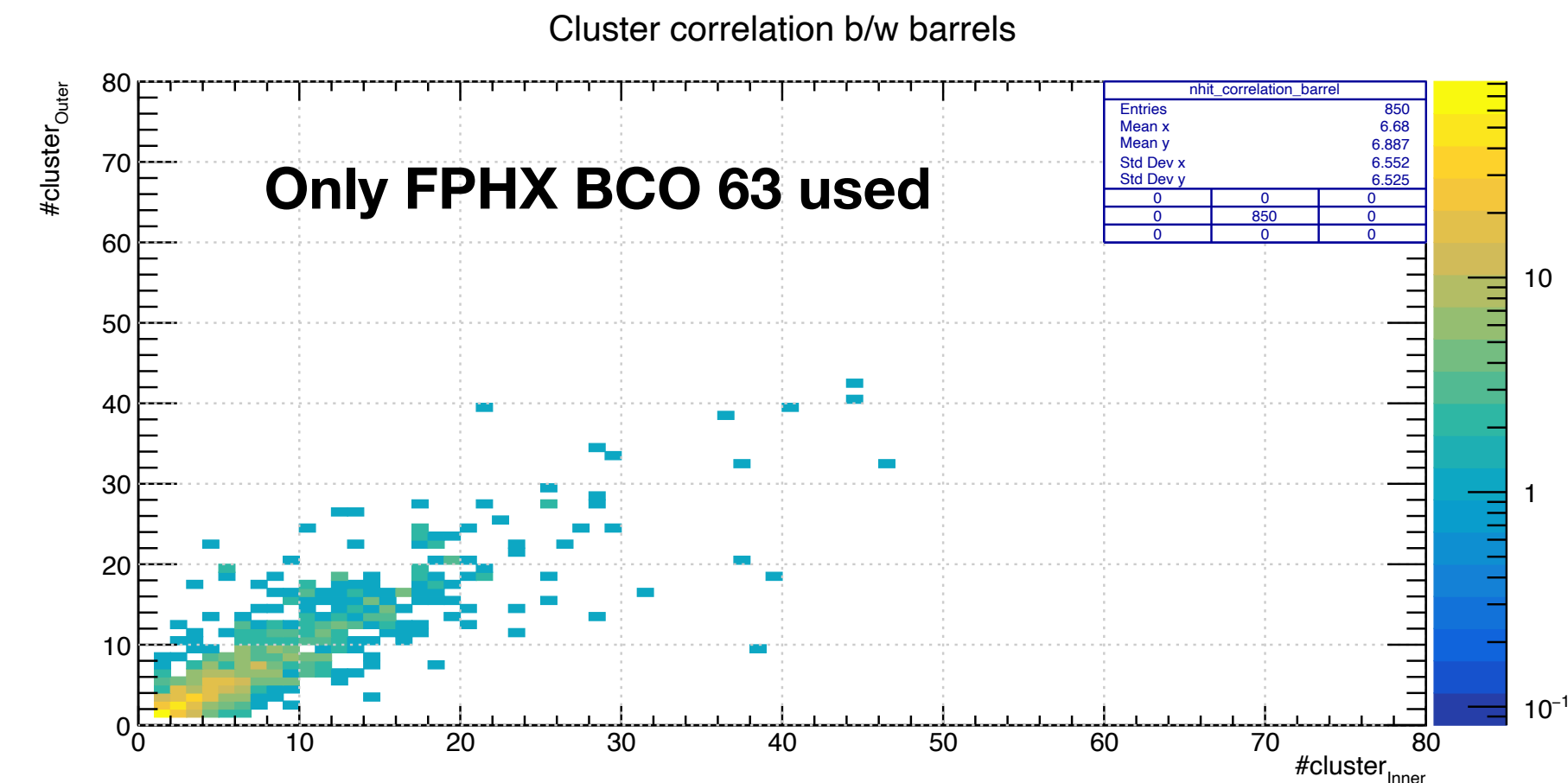
“Streaming readout data”
needs to be added



#INTT hit

#INTT hit

Run 49743, Streaming



Only FPHX BCO 63 used

#INTT cluster