

# Road Map to Establish Good Streamreadout Data

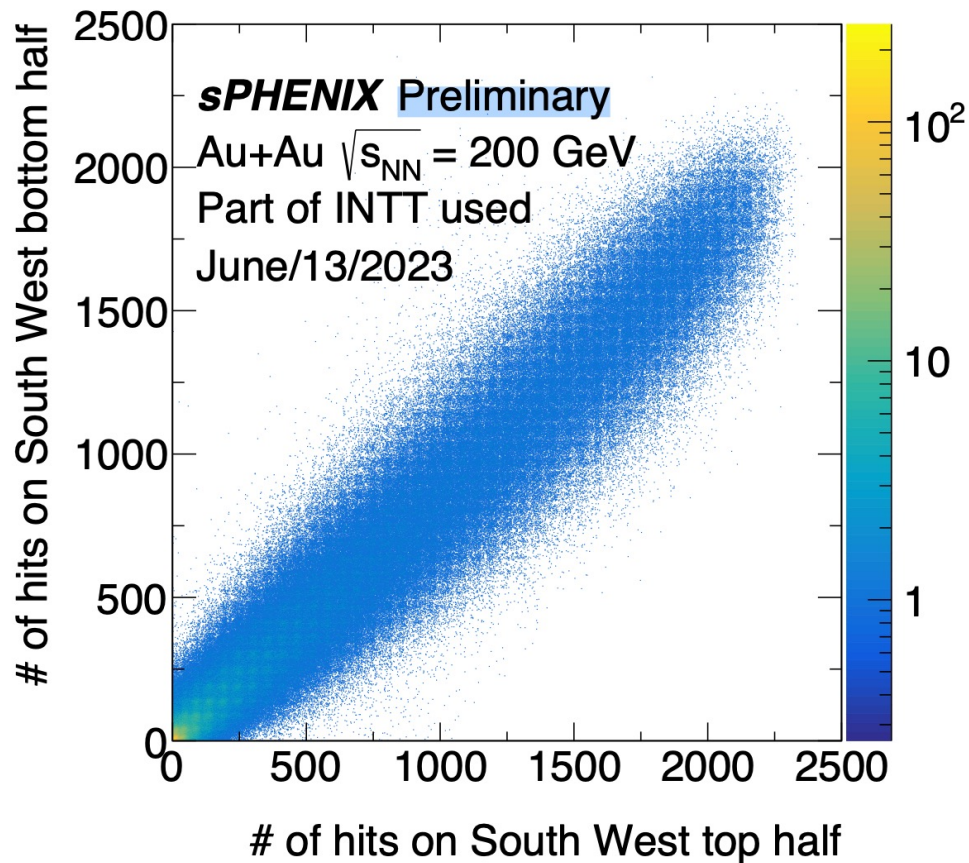
STEPS to prove the stream-readout data are not collapsed and  
useful for the future analysis

# STEP0

- Increment check of BCO\_FULL (= should be incremented every 119) and # of BCO\_FULLs expected from the duration of data taking including empty packets.
- BCO\_FULL interval (= suppose to be 119 for every BCO\_FULL )

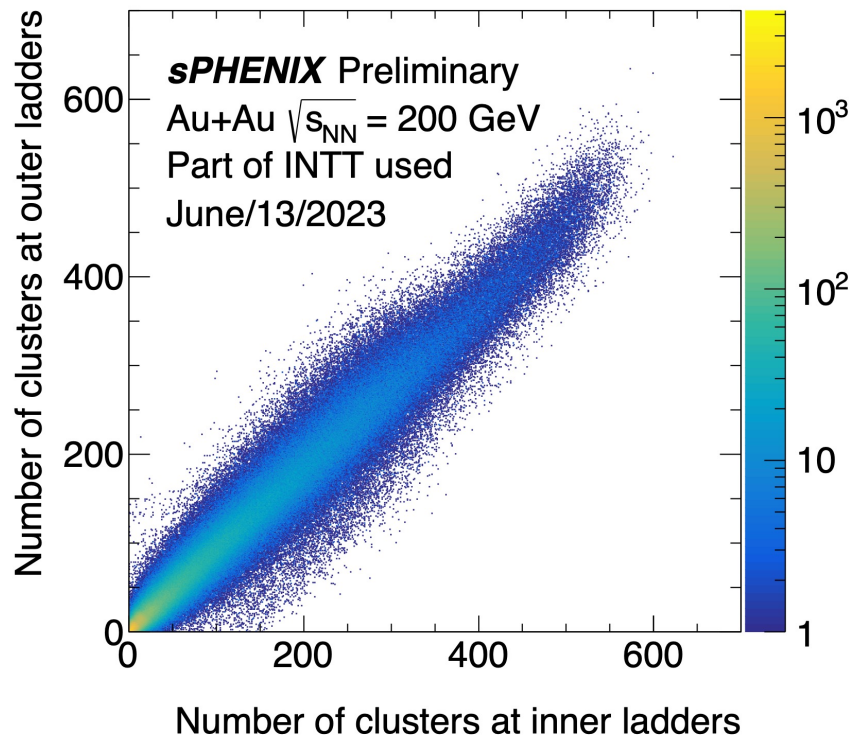
Joe and Akitomo?

# STEP1



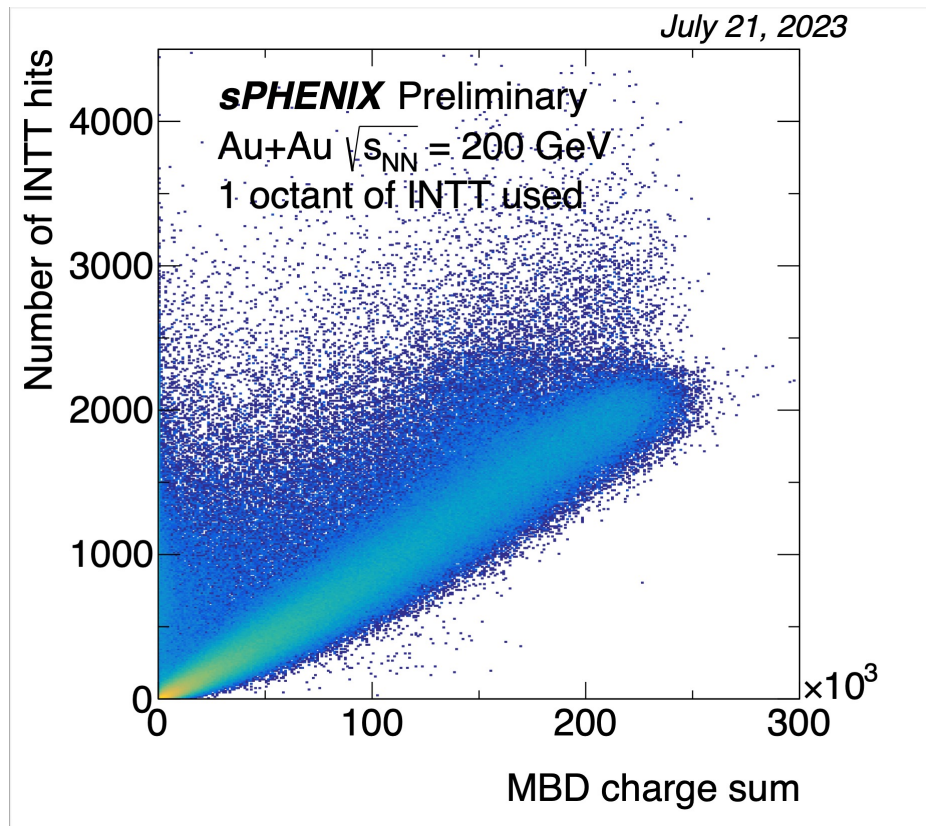
- Multiplicity correlation between Felix servers
- To be made for all Felix servers (e.g. Felix-1 vs. Felix-2, Felix-3 vs. Felix-4, etc)
- The multiplicity is lower in p+p compared to Au+Au.

# STEP2



- Multiplicity correlation between the inner and outer layers.

# STEP3



- Multiplicity correlation between MBD and INTT total hits.
- (and also can be correlated with TPOD as well.)

# Interim summary

- Once we complete STEP1 ~ STEP3, we will switch data taking mode to the stream readout as default.
- However, we will continue more QAs as listed.
  - Compare stream data and trigger mode data

# STEP4

- Tracklets reconstruction
- Vertex reconstruction
- ...