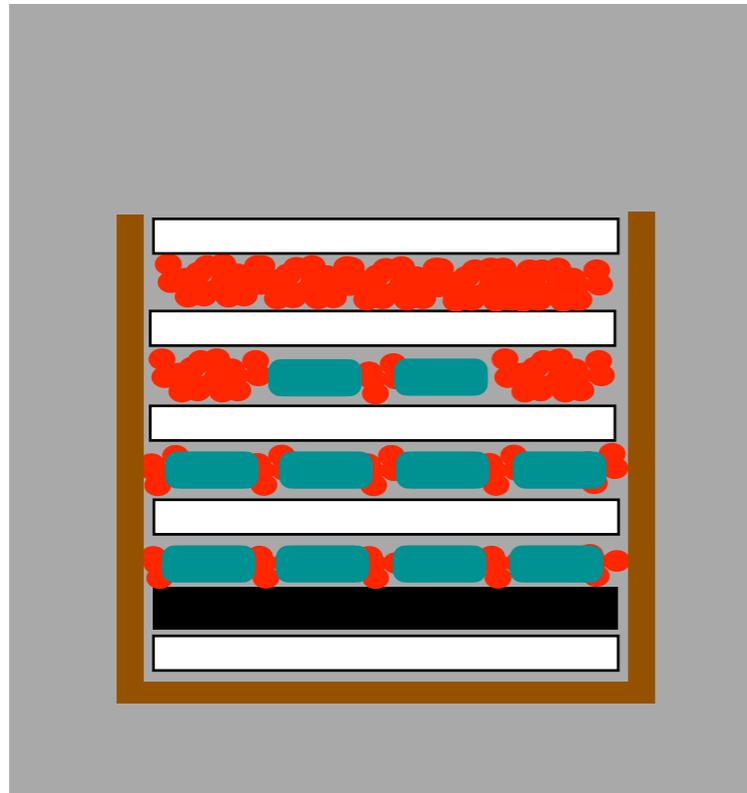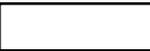# sPHENIX INTT - progress report

**Cheng-Wei Shih,
National Central University**
2022/8/4

BNL transportation box packing

Styrofoam board

Black foam board

Ladder box

Packing fill

Testbeam - simulation part

- Interface macro : to convert the data format of G4 into the testbeam data format.

- Due to the unexpected problem, the interface code has to be updated.

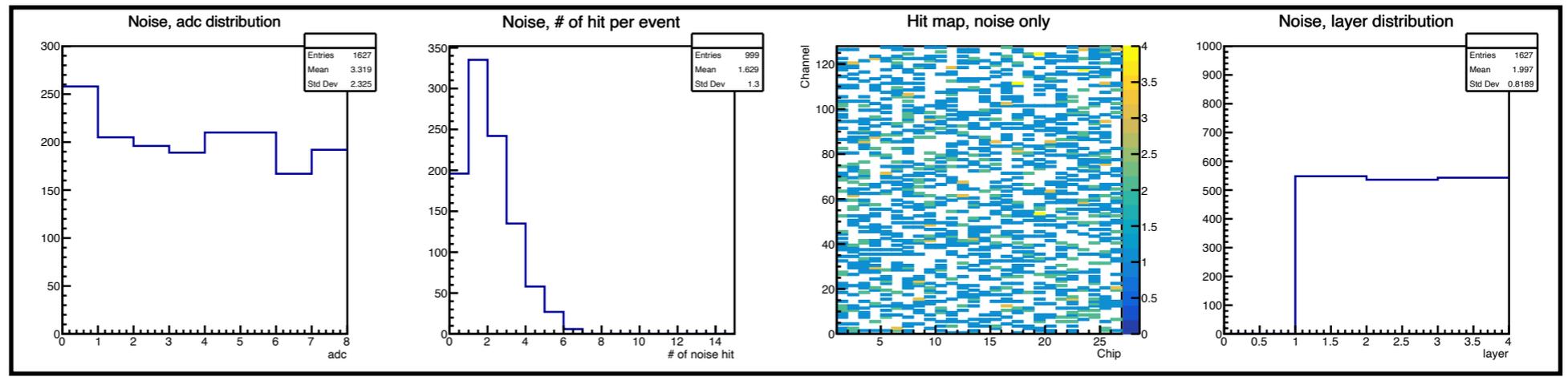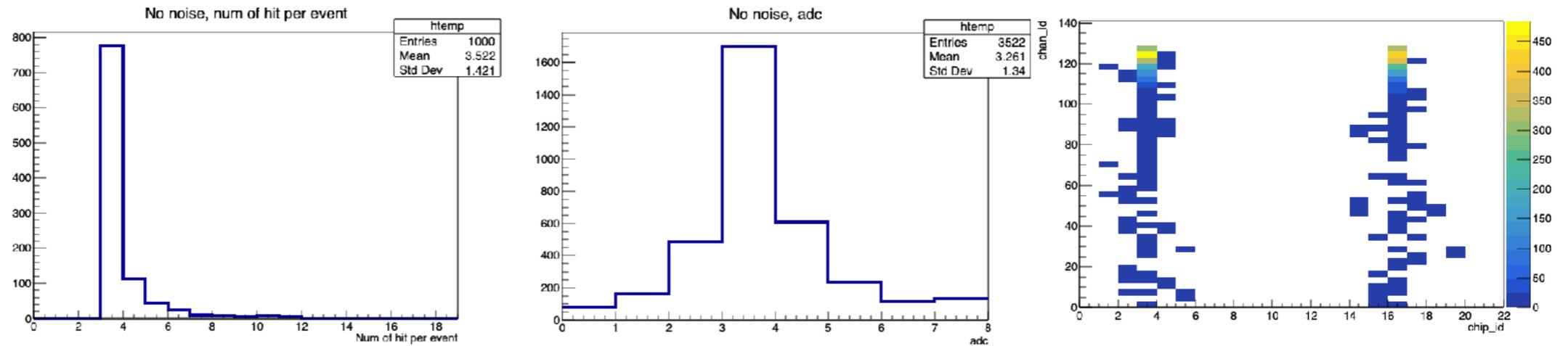- Take this opportunity, new feature, noise hit, is introduced.

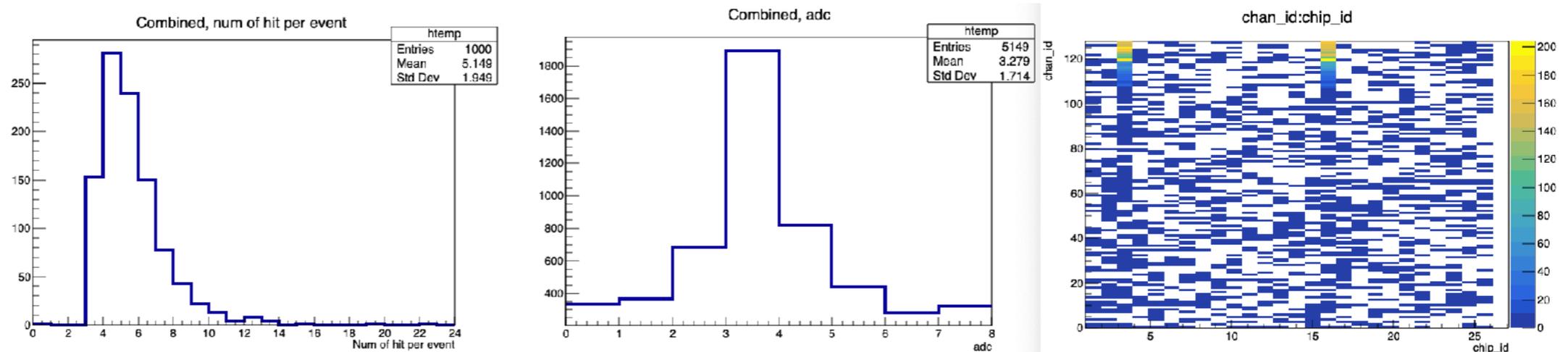It should be 11894 ~ 11896

Testbeam - simulation part

Noise hit distributions

No noise

Combined, noise + data

Testbeam simulation - to do

- Fine tune the parameter to make it to be realistic.
  - Generate run 52 MC and compare with the data.

- Estimate the noise level from data.

Back up

HDI

Stave