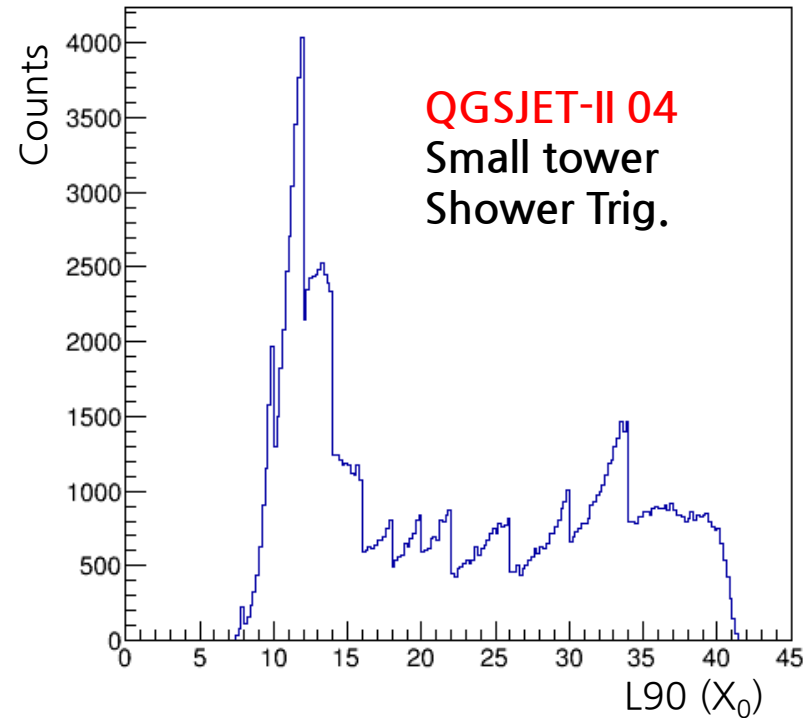
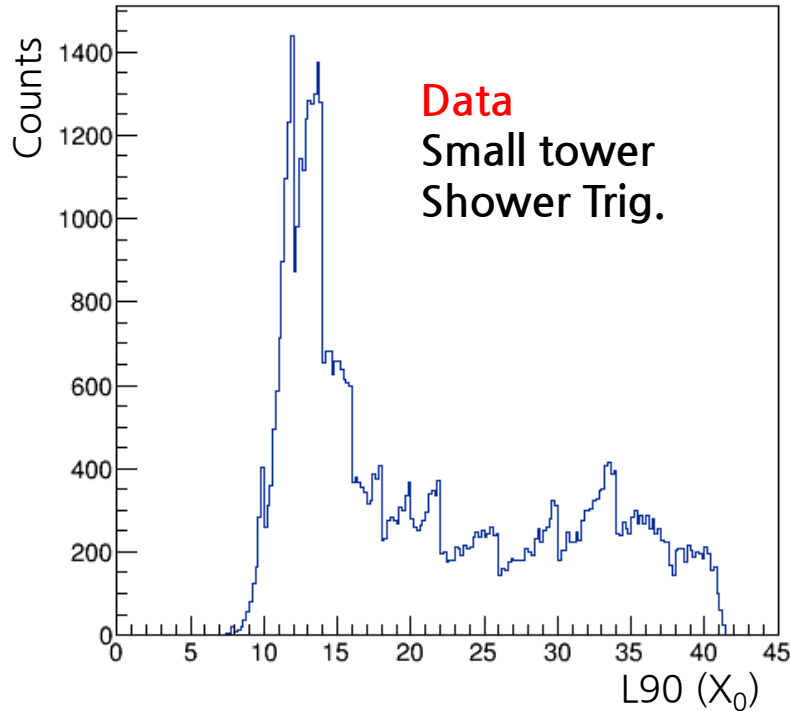


Status report

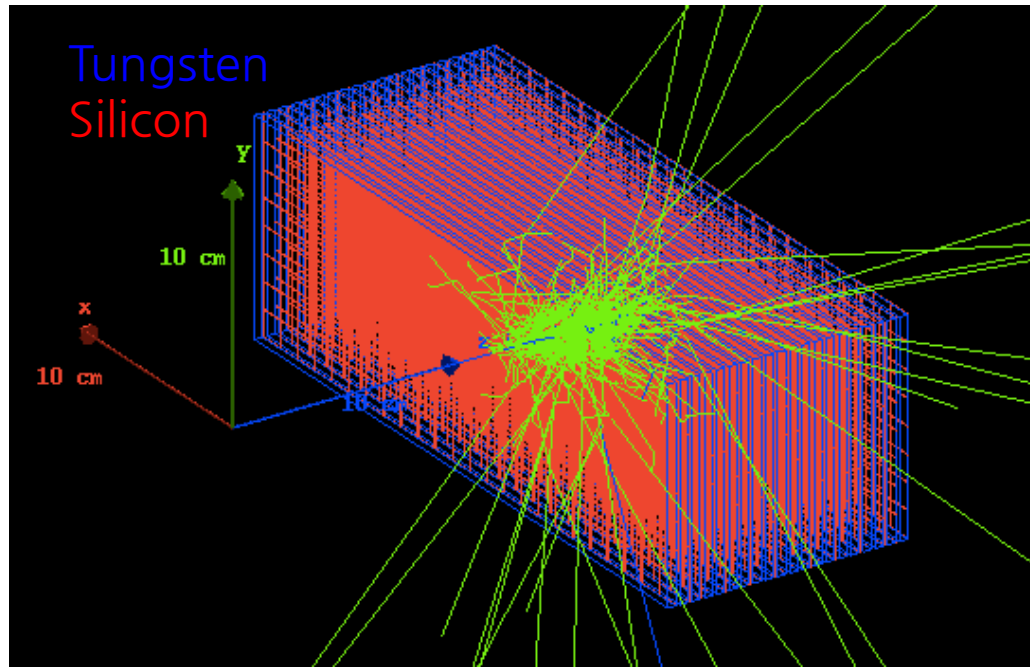
22 Apr 2021
Minho Kim

Simulation and experimental data comparison



- Now, simulation data can be reconstructed and analyzed as same as experimental one.
- It seems that the L90s of the electromagnetic components are shifted. It is expected that the pedestal subtraction is one of the reasons.

Understanding Norbert's FoCal simulation



- Being familiar with FoCal simulation structure and variables.
- Development of hadronic and EM shower will be studied to optimize the longitudinal length of the RHICf-II detector.
- Others: Studying silicon module testing and assembly.

TODO

- How to more properly subtract the pedestal.
 - Estimation of the electromagnetic component in neutron sample.
 - Combining the background A_N subtraction with unfolding.
 - Calculating the neutron A_N .
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- Understanding the whole structure of the FoCal simulation.
 - Shower development with the longitudinal length of the RHICf-II.