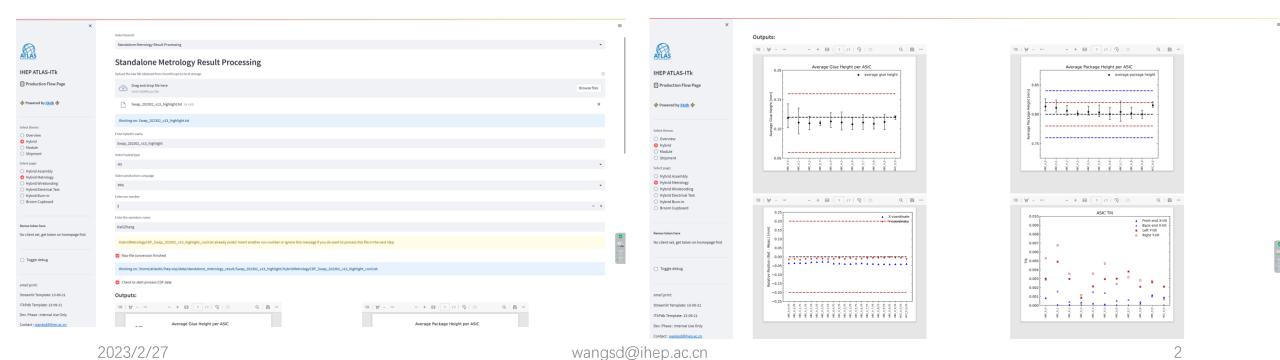
Weekly Report

Shudong WANG

Progresses

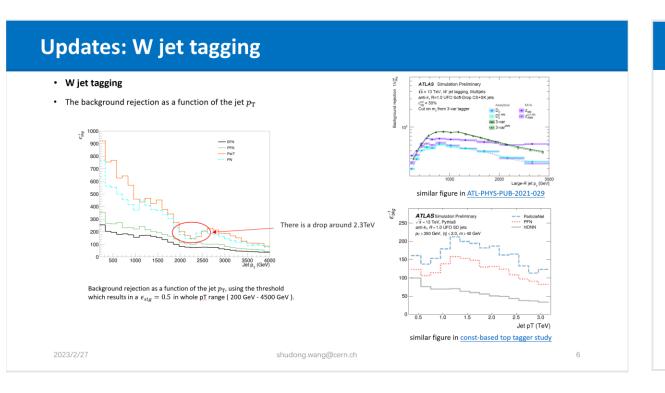
• IHEP ITk Standard Operating Procedure Webpage

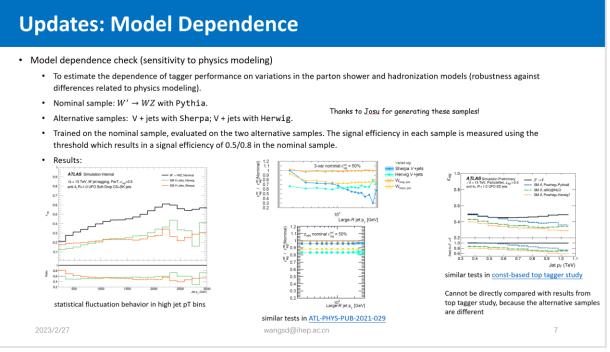
- Change of plan.
 - In the past: When building a module/hybrid, each step (each page) is deeply coupled with others (i.e. You need to do one step first, then you could have the access of the next step).
 - **Now:** We (plan to) decouple each step (each page) with each other, modularize them and each step can ne used alone or (with some minor modification) integrated into production flow.
 - Reason: We need a centralized place to hold all functions we needed to reduce the possibility of making mistakes & Have more people to help me to develop this tool
 - Example: standalone metrology result processing subpage.



Progresses

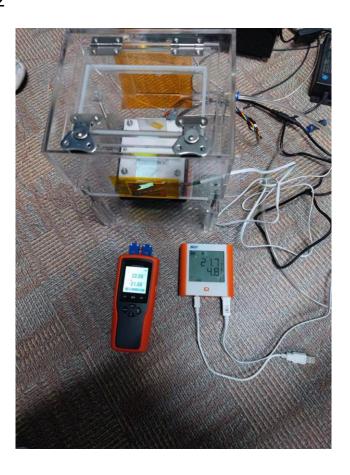
- ATLAS W/Z jet tagging with constituent-based taggers
- Updated the status of this work at the jet tagging meeting last week.



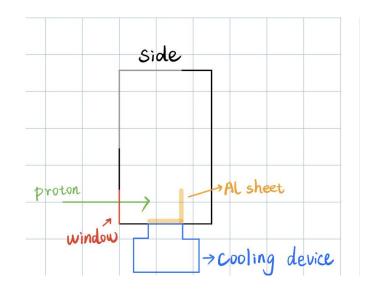


Progresses

- ITk Sensor ColdBox
- ColdBox V2



- Successfully reached -20°C with dry air
- Hard to reach -20°C with large flow of dry air (only -18°C)
- Have fully exploit the performance of TEC cooler (56°C of temperature difference)



sideview of the main part of the ColdBox