Weekly Report

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Progresses

- **IHEP ATLAS-ITk**

- Submitted a new response to **PPB-1 readiness review**, we're allowed to build PPB-1 hybrids/modules🎉🎉🎉.

Progresses

- **IHEP ML Innovation**

- Presented a talk at the IHEP ML Innovation Group Meeting last week.
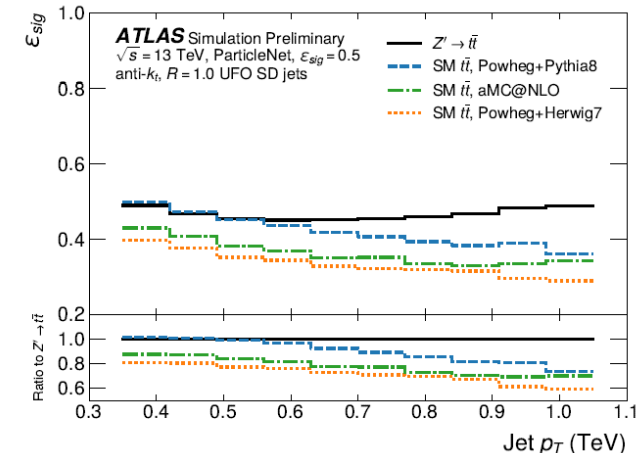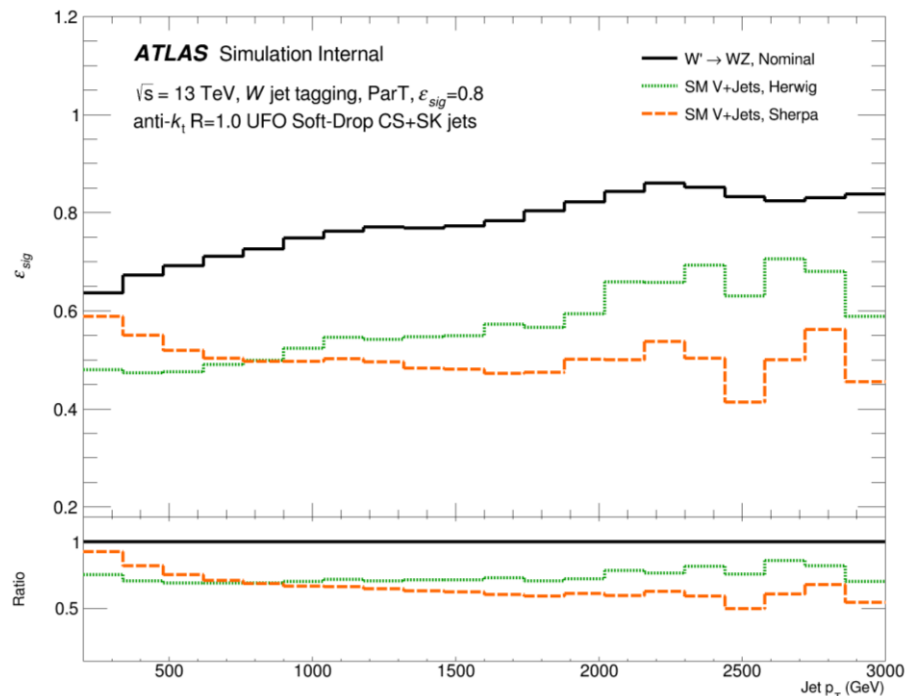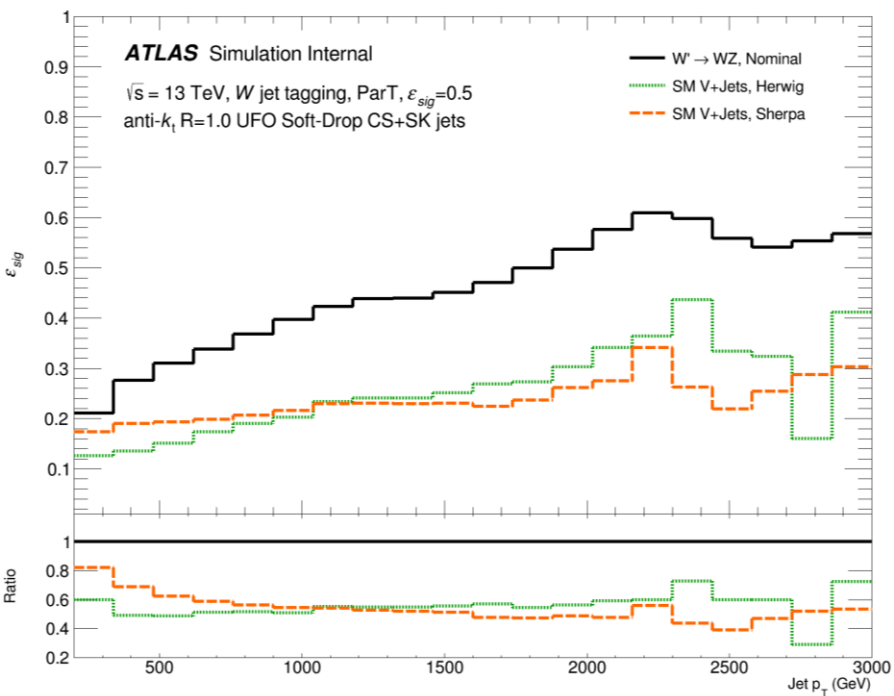
Progresses

- ## Constituent-based W/Z tagger

- Model dependency check (sensitivity to physics modeling)
  - Trained on the nominal sample, evaluated on the two alternative samples. The signal efficiency in each sample is measured using the threshold which results in a signal efficiency of 0.5 / 0.8 in the nominal sample.
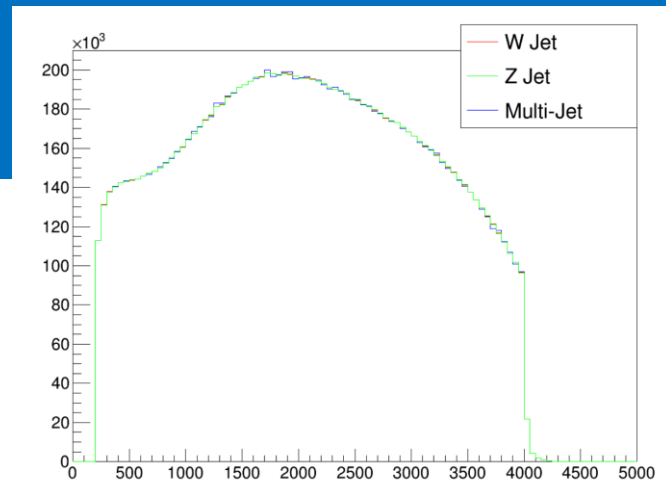
Possible solution: retrain with flat pT sample?

similar tests in top tagger study