

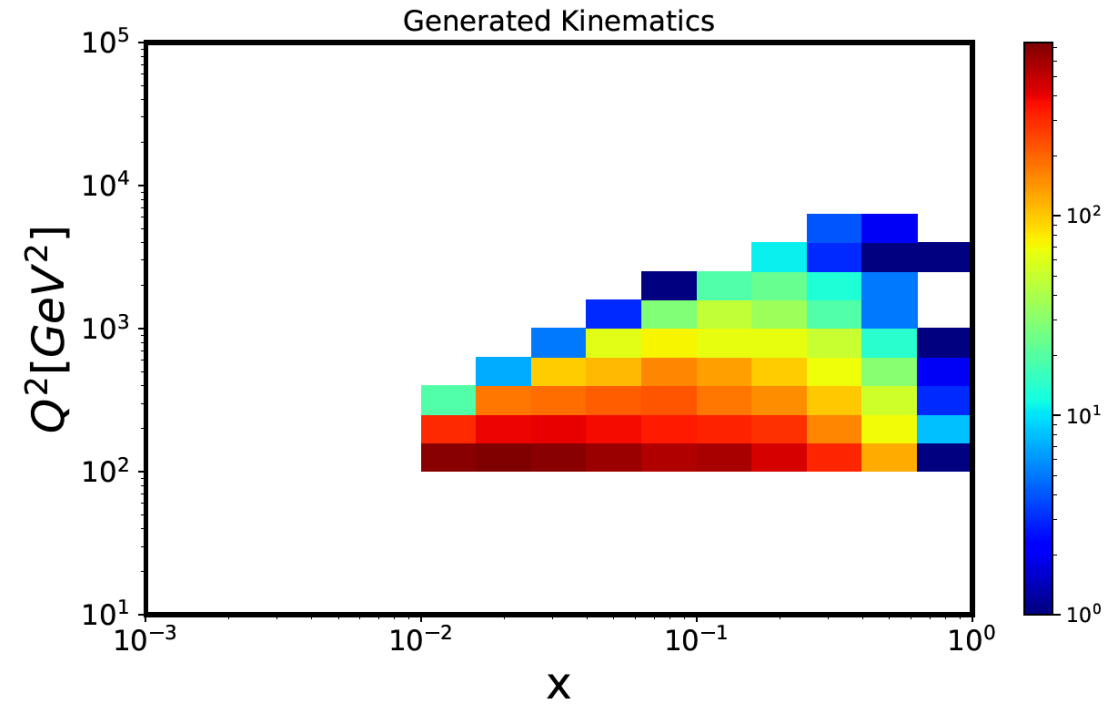
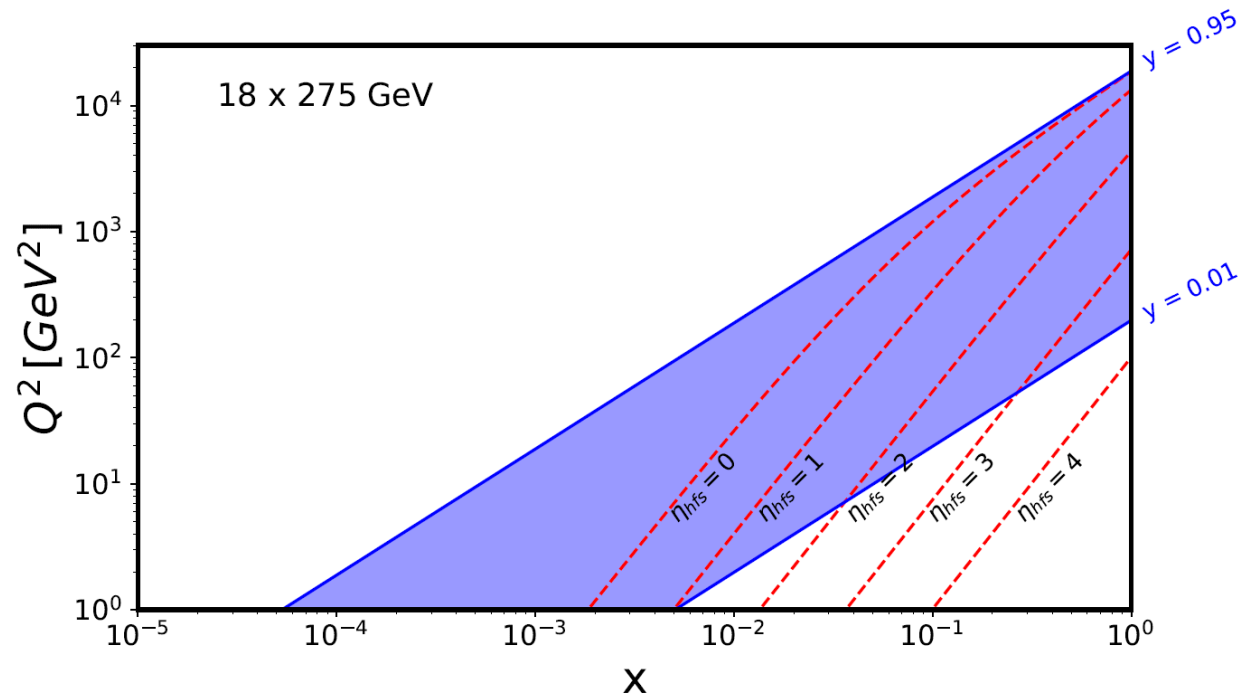
DIS simulations for forward inserts

Barak Schmookler

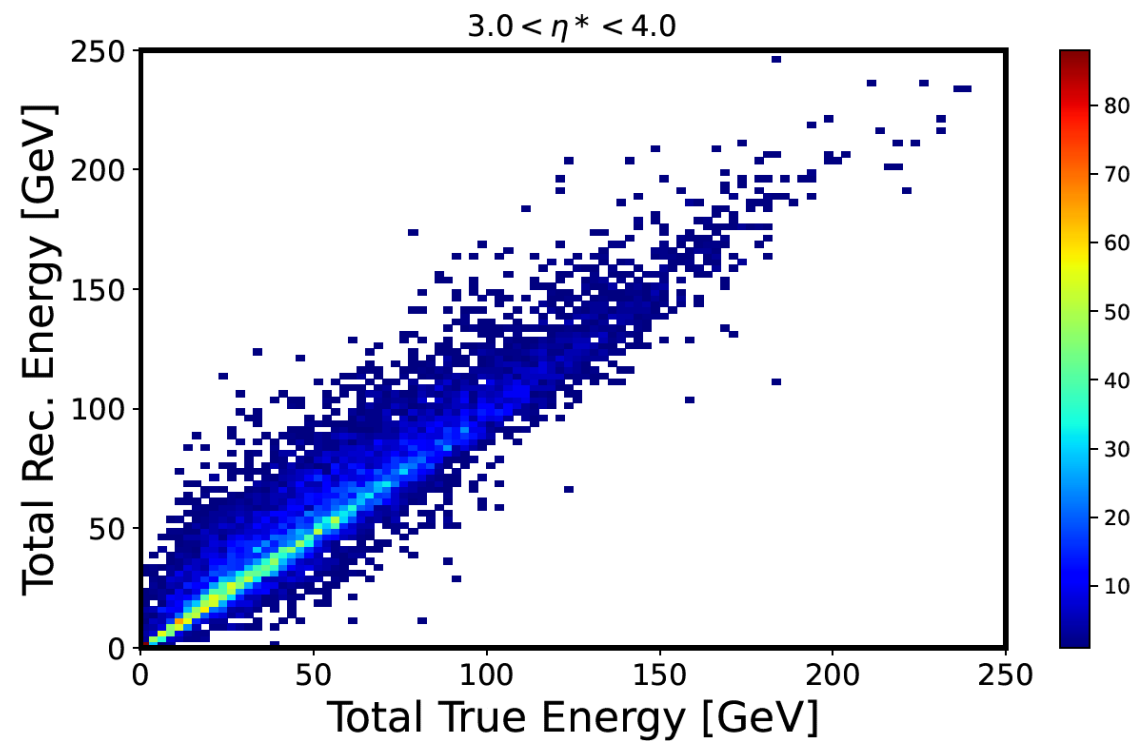
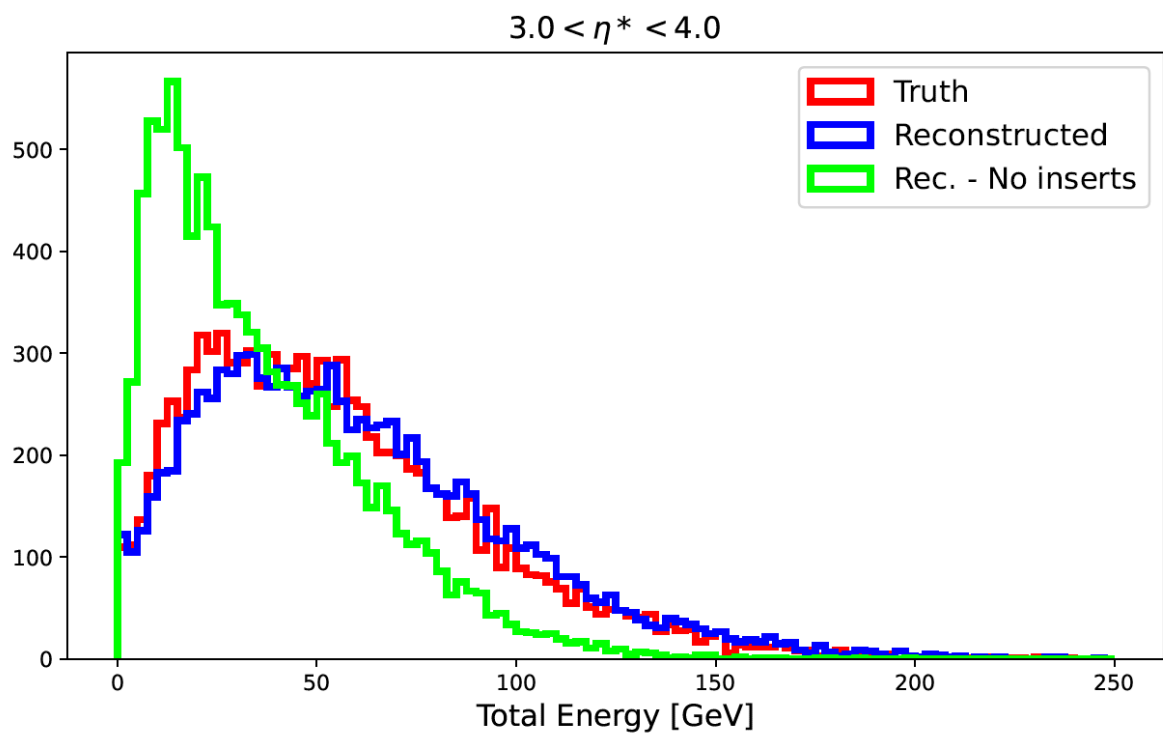
Simulation

- Ran standalone DD4HEP+Juggler simulation using 18x275GeV DIS generator input.
- Reconstructed relevant physics variables using the reconstructed hits (not clusters) in the forward endcap calorimeters – both with and without inserts included.
- Currently working to repeat studies using official DIS files on S3.

Kinematics – hadronic final-state forward



Reconstruction



Reconstruction

