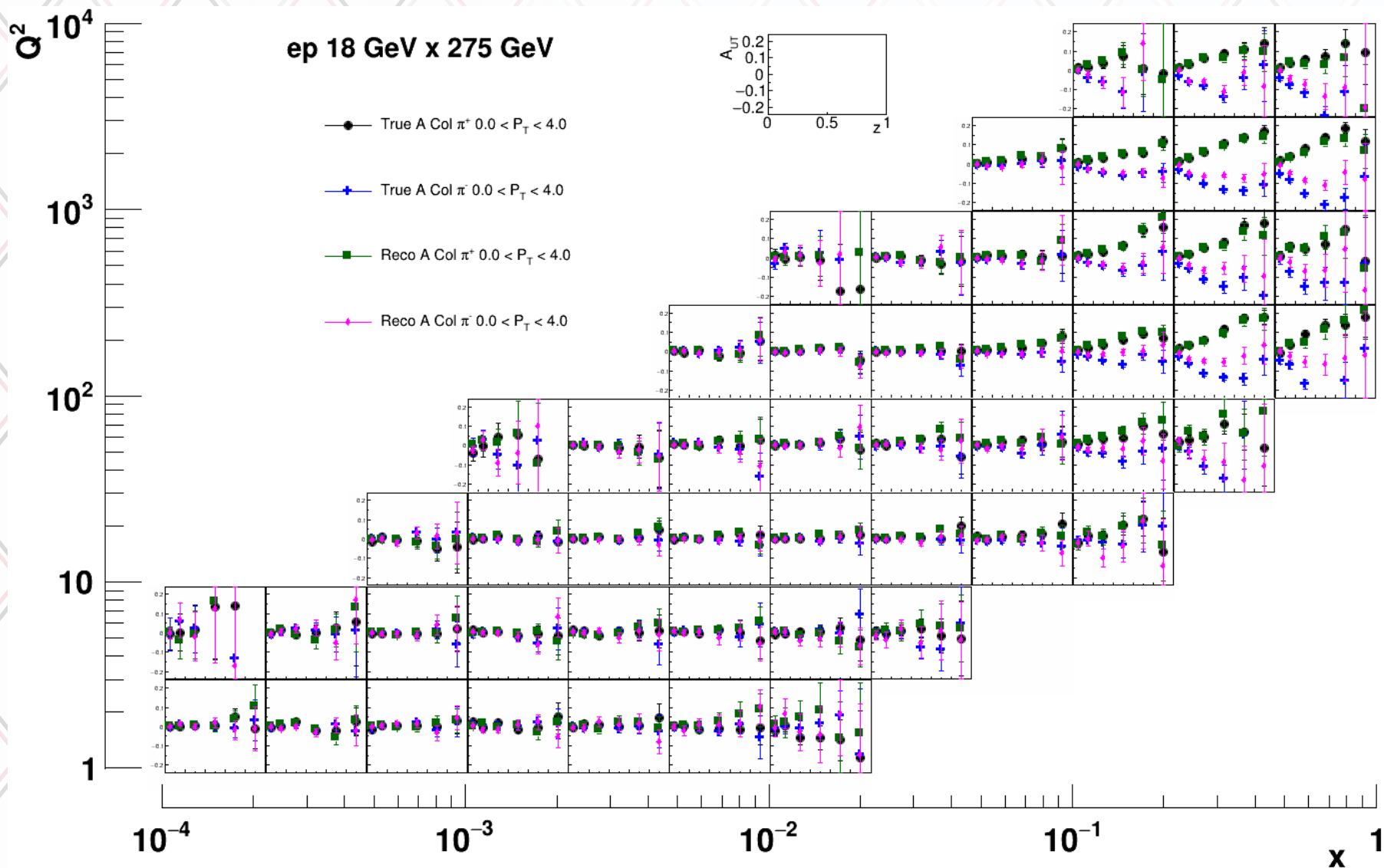# AUT projections, etc

Ralf Seidl (RIKEN)
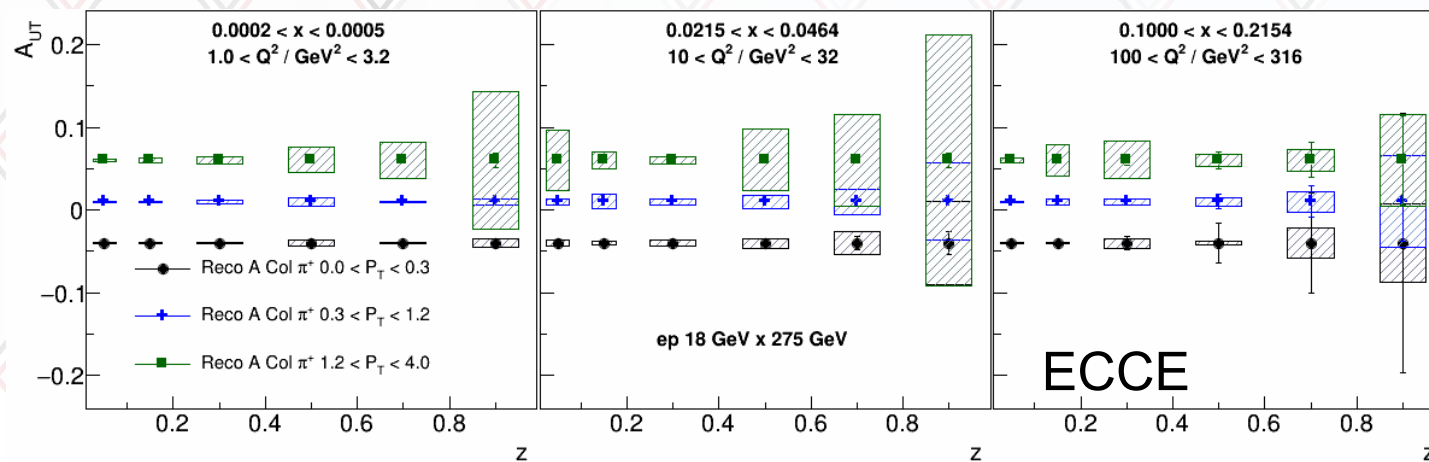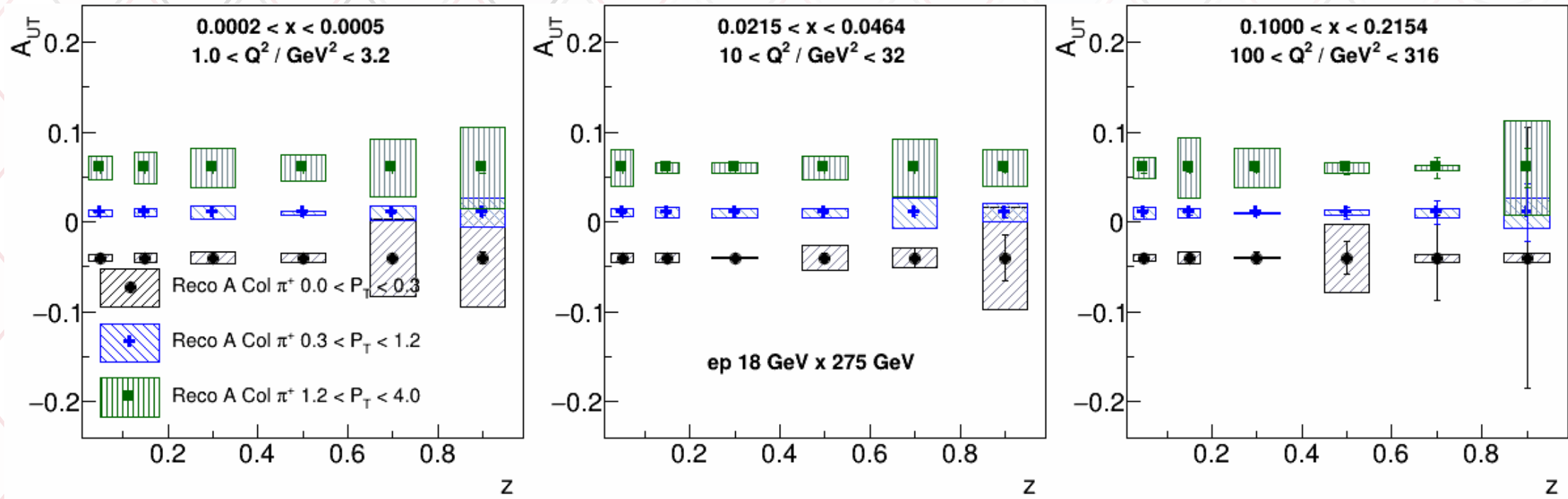
Status

- Using 24.07 production on S3 (24.09 on xrootd looks similar)

- DIS/NC/.../pythia8NCDIS in 4 Q^2 bins

- Used Electron method for now
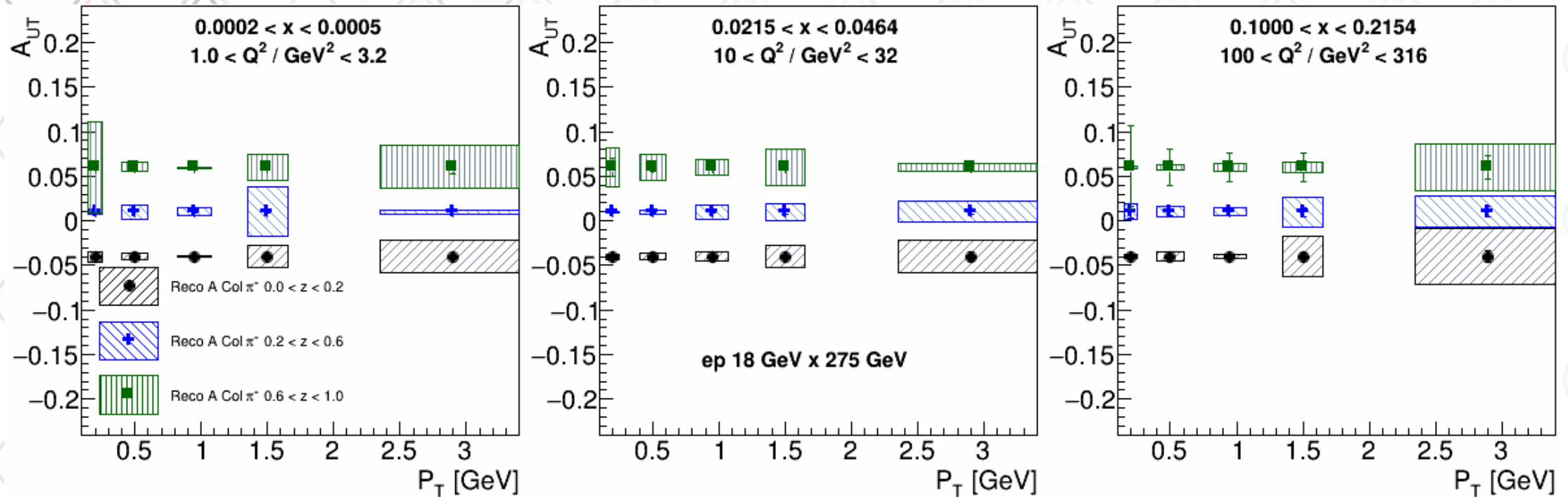
- Use true PID so far

R.Seidl: AUT projections

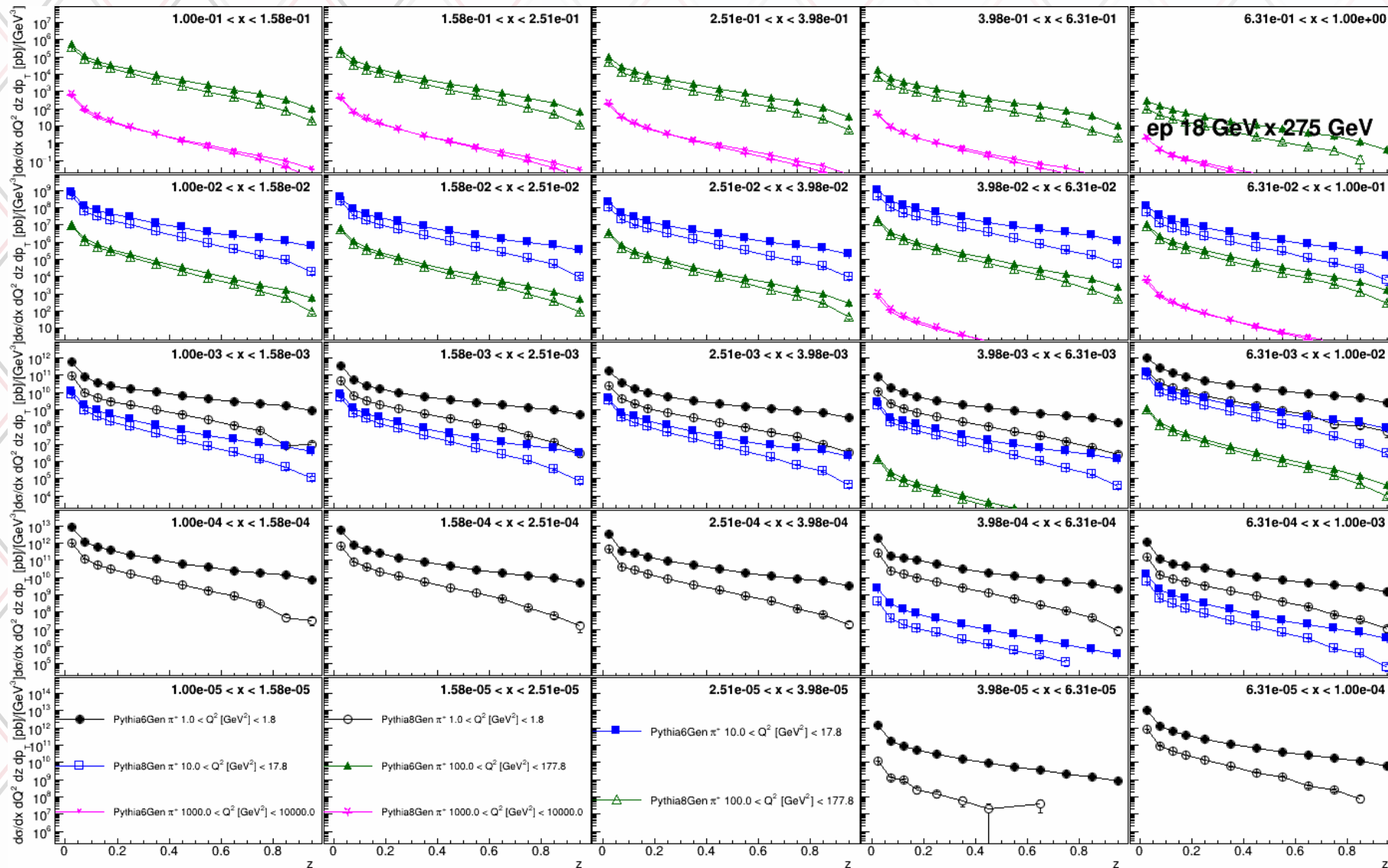# True and reconstructed asymmetries (Torino parameterization)

Updated AUT projections sample plots vs z

Updated AUT projections sample plots vs pT

Comparison of z distributions, generated Pythia6 vs 8

R.Seidl: AUT projections

Summary

- Projections are now ready for TDR, very similar to ECCE projections

- Various studies to cross check my initial results
    - Some differences between Pythia 6 and 8, but not very large
    - Cross sections/normalizations slightly off?