

7000 GeV pp

Jets

Gap fraction vs  $|\Delta y|$  for  $150 < \sqrt{s} < 180$ , Fwd/Bwd  $Q_0 = \sqrt{s}$

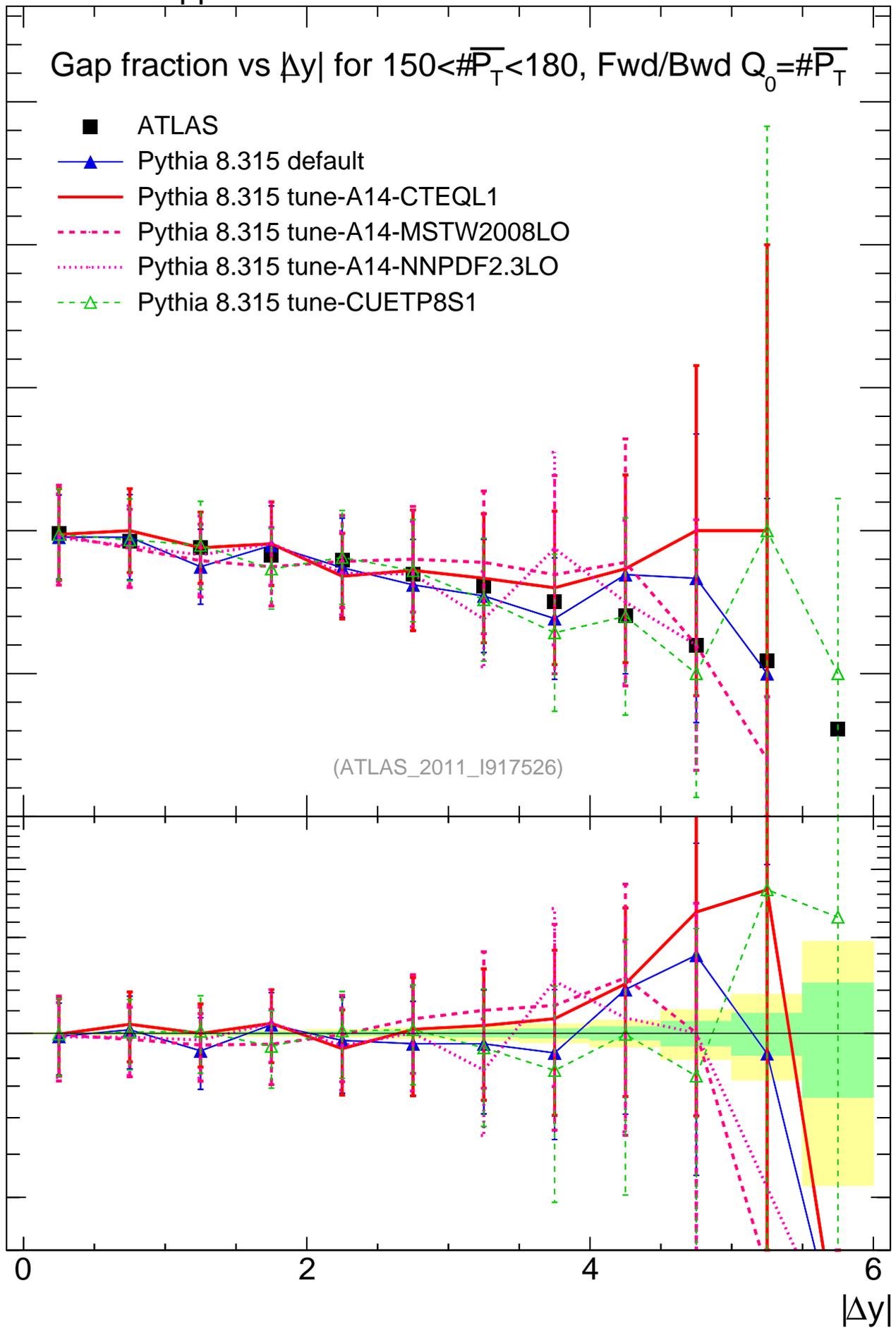
Gap fraction

Ratio to ATLAS

- ATLAS
- ▲ Pythia 8.315 default
- Pythia 8.315 tune-A14-CTEQL1
- - - Pythia 8.315 tune-A14-MSTW2008LO
- ⋯ Pythia 8.315 tune-A14-NNPDF2.3LO
- - Δ Pythia 8.315 tune-CUETP8S1

(ATLAS\_2011\_I917526)

Rivet 4.1.0, ≥ 100k events  
mcplots.cern.ch [arXiv:2401.10621]



$|\Delta y|$