

7000 GeV pp

Jets

Gap fraction vs $|\Delta y|$ for $240 < \sqrt{s} < 270$, Leading Jet

Gap fraction

- ATLAS
- ▲— Pythia 8.315 default
- - ▼ - - Pythia 8.315 tune-AU2
- · · ◇ · · Pythia 8.315 tune-AU2lox
- · · □ · · Pythia 8.315 tune-AU2loxx
- · · ★ · · Pythia 8.315 tune-AU2m

(ATLAS_2011_I917526)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

 $|\Delta y|$ 