

7000 GeV pp

Jets

Gap fraction

Gap fraction vs Q_0 for $210 < \sqrt{s} < 240$ $4 < |\Delta y| < 5$, Leading Jet

- ATLAS
- ▲ Pythia 8.315 default
- ✱ Pythia 8.315 tune-4c
- Pythia 8.315 tune-4cx

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I917526)

Ratio to ATLAS

2

1

0.5

 Q_0 [GeV]

0

50

100

150

200