

7000 GeV pp

Jets

Gap fraction

Gap fraction vs $|\Delta y|$ for $240 < \sum \overline{P}_T < 270$, Fwd/Bwd $Q_0 = \sum \overline{P}_T$

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

2.5

2

1.5

1

0.5

0

2

1

0.5

0

0

2

1

0.5

(ATLAS_2011_I917526)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

 $|\Delta y|$

Ratio to ATLAS