

7000 GeV pp

Jets

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

- ATLAS
- △— Pythia 6.428 370
- - -■- - Pythia 6.428 default
- ▲— Pythia 8.315 default

Gap fraction

2.5

2

1.5

1

0.5

0

(ATLAS_2011_I917526)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

2

4

6

 $|\Delta y|$ 