

7000 GeV pp

Jets

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

- ATLAS
- - - □ Pythia 6.423 default
- - - * Pythia 6.423 pro-q2o

Gap fraction

2.2
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I917526)

Ratio to ATLAS

2
1
0.5

2

1

0.5

0 2 4 6
 $|\Delta y|$

