

7000 GeV pp

Jets

Gap fraction vs $|\Delta y|$ for $210 < \overline{\#P_T} < 240$, Fwd/Bwd $Q_0 = \overline{\#P_T}$

Gap fraction

- ATLAS
- △— Pythia 6.428 370
- -▲- - Pythia 6.428 371
- -▼- - Pythia 6.428 372
- ···◆··· Pythia 6.428 376

2.5

2.0

1.5

1.0

0.5

0

2

1

0.5

0

2

1

0.5

(ATLAS_2011_I917526)

Ratio to ATLAS

0

2

4

6

$|\Delta y|$

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

