

7000 GeV pp

Jets

Gap fraction

Gap fraction vs $|\Delta y|$ for $70 < \#P_T < 90$, Fwd/Bwd $Q_0 = \#P_T$

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.315 default

2

1.8

1.6

1.4

1.2

1.0

0.8

0.6

0.4

0.2

0

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I917526)

Ratio to ATLAS

2

1

0.5

2

0.5

0

2

4

6

$|\Delta y|$

