

7000 GeV pp

Jets

Gap fraction

Gap fraction vs  $|\Delta y|$  for  $70 < \overline{P}_T < 90$ , Fwd/Bwd  $Q_0 = \overline{P}_T$ 

- ATLAS
- - ■ Pythia 6.423 default
- - \* Pythia 6.423 pro-q2o

2

1.8

1.6

1.4

1.2

1.0

0.8

0.6

0.4

0.2

0

2

1

0.5

0

0

2

1

0.5

0

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2011\_I917526)

Ratio to ATLAS

 $|\Delta y|$ 