

7000 GeV pp

Jets

Gap fraction vs  $|\Delta y|$  for  $240 < \sum \overline{P}_T < 270$ , Fwd/Bwd  $Q_0 = \sum \overline{P}_T$ 

Gap fraction

2.5

2

1.5

1

0.5

0

2

1

0.5

0

0

2

1

0.5

0

- ATLAS
- ▲ Pythia 6.423 a
- ▼ Pythia 6.423 dw
- Pythia 6.423 p0
- ☆ Pythia 6.423 pro-q2o

(ATLAS\_2011\_I917526)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

 $|\Delta y|$ 

Ratio to ATLAS