

7000 GeV pp

Jets

Gap fraction

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

- ATLAS
- + Epos 1.99.crmc.1.2 lhc
- - □ Herwig 7.2.1 default
- △ Pythia 6.428 370
- ▲ Pythia 8.315 default
- ◆ Sherpa 2.2.9 default

2.5

2

1.5

1

0.5

0

0

0

(ATLAS\_2011\_I917526)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

2

4

6

 $|\Delta y|$ 