

7000 GeV pp

Jets

Gap fraction vs  $Q_0$  for  $70 < \sqrt{s} < 90$   $2 < |\Delta y| < 3$ , Fwd/Bwd

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.135 default

Gap fraction

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2011\_I917526)

Ratio to ATLAS

2

1

0.5

 $Q_0$  [GeV]

0 50 100 150 200