

7000 GeV pp

Jets

Gap fraction

Gap fraction vs  $Q_0$  for  $70 < \# \overline{P}_T < 90$   $4 < |\Delta y| < 5$ , Fwd/Bwd

- ATLAS
- Pythia 8.308 CP5

2

1.8

1.6

1.4

1.2

1.0

0.8

0.6

0.4

0.2

0

2

1

0.5

(ATLAS\_2011\_I917526)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

 $Q_0$  [GeV]

0 50 100 150 200

0 50 100 150 200