

7000 GeV pp

Jets

Gap fraction

Gap fraction vs  $Q_0$  for  $120 < \overline{P_T} < 150$   $4 < |\Delta y| < 5$ , Fwd/Bwd

- ATLAS
- Pythia 8.307 pptherm

1.8

1.6

1.4

1.2

1

0.8

0.6

0.4

0.2

0

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2011\_I917526)

Ratio to ATLAS

2

1

0.5

2

1

0.5

0 50 100 150 200

$Q_0$  [GeV]

