

Gap fraction

Gap fraction vs  $Q_0$  for  $70 < \#P_T < 90$   $2 < |\Delta y| < 3$ , Fwd/Bwd

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- ▲ Pythia 8.315 default

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]

2

1

0.5

Ratio to ATLAS

0 50 100 150 200

$Q_0$  [GeV]

