

Gap fraction vs Q_0 for $120 < \overline{P}_T < 150$ $2 < |\Delta y| < 3$, Fwd/Bwd

Gap fraction

Ratio to ATLAS

ATLAS

Pythia 8.315 default

Pythia 8.315 tune-A14-CTEQL1

Pythia 8.315 tune-A14-MSTW2008LO

Pythia 8.315 tune-A14-NNPDF2.3LO

Pythia 8.315 tune-CUETP8S1

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I917526)

2

1

0.5

0

0.2

0.4

0.6

0.8

1

1.2

1.4

1.6

1.8

0

50

100

150

200

 Q_0 [GeV]