

7000 GeV pp

Jets

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

Gap fraction

Ratio to ATLAS

ATLAS

Pythia 6.428 345

Pythia 6.428 370

Pythia 6.428 ambt1

Pythia 6.428 z2

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I917526)

2

1.8

1.6

1.4

1.2

1.0

0.8

0.6

0.4

0.2

0

2

1

0.5

0

50

100

150

200

 Q_0 [GeV]

(ATLAS_2011_I917526)

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5