

Gap fraction vs Q_0 for $120 < \#P_T < 150$ $4 < |\Delta y| < 5$, Leading Jet

Gap fraction

- ATLAS
- - - □ Pythia 6.423 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

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I917526)

Ratio to ATLAS

2

1

0.5

2

1

0.5

50

100

 Q_0 [GeV]