

Gap fraction

Gap fraction vs  $Q_0$  for  $120 < \sqrt{P_T} < 150$   $2 < |\Delta y| < 3$ , Leading Jet

- ATLAS
- Pythia 6.428 350
- △— Pythia 6.428 370
- △— Pythia 6.428 380
- Pythia 6.428 p0
- - □ - - Pythia 6.428 p2010

1.8

1.6

1.4

1.2

1.0

0.8

0.6

0.4

0.2

0

(ATLAS\_2011\_I917526)

Ratio to ATLAS

2

1

0.5

50

100

 $Q_0$  [GeV]

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5