

7000 GeV pp

Jets

Gap fraction vs Q_0 for $70 < \sqrt{s} < 90$ $2 < |\Delta y| < 3$, Leading Jet

- ATLAS
- ▲ Pythia 8.315 default
- -● Pythia 8.315 tune-2c
- -○ Pythia 8.315 tune-2m

Gap fraction

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0Rivet 4.1.0, ≥ 100 k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I917526)

Ratio to ATLAS

2
1
0.52
1
0.5 Q_0 [GeV]

20

40

60

80