

Gap fraction vs Q_0 for $210 < \sqrt{s} < 240$ $2 < |\Delta y| < 3$, Leading Jet

Gap fraction

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z1
- Pythia 6.428 z2

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I917526)

Ratio to ATLAS

2

1

0.5

 Q_0 [GeV]

0 50 100 150 200

0 2

0.2

0.4

0.6

0.8

1.0

1.2

1.4

1.6

1.8

2