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

7000 GeV pp

Jets

Gap fraction

- ATLAS
- Pythia 8.315 default
- Pythia 8.315 default-CD
- Pythia 8.315 default-DL
- Pythia 8.315 default-MBR

(ATLAS_2011_I917526)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

$Q_0$ [GeV]