7000 GeV pp

Jets

Gap fraction

Gap fraction vs Q_0 for $120<\#\overline{P_T}<150$ $4<|\Delta y|<5$, Fwd/Bwd

- ATLAS
- Epos 1.99.crmc.1.2 lhc
- Herwig 7.2.1 default
- Pythia 6.428 370
- Pythia 8.315 default
- Sherpa 2.2.9 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I917526)

Ratio to ATLAS

Q_0 [GeV]