

7000 GeV pp

Jets

Gap fraction vs $\# \overline{P}_T$ for $2.0 < |\Delta y| < 3.0$, Fwd/Bwd

Gap fraction

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

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I917526)

Ratio to ATLAS

2

1

0.5

 $\# \overline{P}_T$ [GeV]