

7000 GeV pp

Jets

Gap fraction vs $\#P_T$ for $3.0 < |\Delta y| < 4.0$, Fwd/Bwd

Gap fraction

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- ▲ Pythia 8.315 default

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I917526)

Ratio to ATLAS

0.5

1

2

0.5

1

2

 $\#P_T$ [GeV]

100

200

300

400

500