

7000 GeV pp

Jets

Gap fraction vs $\sqrt{s}$ for $5.0 < |\Delta y| < 6.0$, Leading Jet

Gap fraction

- ATLAS
- △— Pythia 6.428 370
- -□- - Pythia 6.428 391
- -■- - Pythia 6.428 default
- -★- - Pythia 6.428 pro-q2o

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I917526)

Ratio to ATLAS

2

1

0.5

100

200

300

 $\sqrt{s}$ [GeV]