

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

Gap fraction

- ATLAS
- ▲ Pythia 8.244 default
- -▲ Pythia 8.244 default-CD
- -▲ Pythia 8.244 default-DL
- -▲ Pythia 8.244 default-MBR

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2011_I917526)

Ratio to ATLAS

2

1

0.5

100

200

300

 $\sqrt{s}$ [GeV]