

Gap fraction

Gap fraction vs  $\Delta y$  (LJ) ( $180 < p_T < 210$ )

- ATLAS
- ▲ Pythia 8.301 default
- ✱ Pythia 8.301 tune-4c
- ◻ Pythia 8.301 tune-4cx

2.5

2

1.5

1

0.5

0

ATLAS\_2011\_S9126244

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

0

2

4

6

 $|\Delta y|$ 

2

1

0.5