

Gap fraction

Gap fraction vs  $p_T$  (FB) ( $4 < \Delta y < 5$ )

- ATLAS
- ▲ Pythia 8.186 default
- ✱ Pythia 8.186 tune-4c
- Pythia 8.186 tune-4cx

0.6

0.4

0.2

0

ATLAS\_2011\_S9126244

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

0.5

1

1

2

1

0.5

100

200

300

 $\overline{P}_T$  [GeV]