

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

Gap fraction

- ATLAS
- ▲ Pythia 8.180 default
- ▲ Pythia 8.180 default-noCR

2.5

2.0

1.5

1.0

0.5

0

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2011\_S9126244

Ratio to ATLAS

2

1

0.5

2

1

0.5

100

200

300

 $\overline{P}_T$  [GeV]