

Gap fraction vs  $p_T$  (LJ) ( $3 < \Delta y < 4$ )

Gap fraction

- ATLAS
- ▲ Pythia 8.301 default
- Pythia 8.301 tune-A14-CTEQL1
- - - Pythia 8.301 tune-A14-MSTW2008LO
- ⋯ Pythia 8.301 tune-A14-NNPDF2.3LO
- - - ▲ Pythia 8.301 tune-CUETP8S1

2.5

2.0

1.5

1.0

0.5

0

2

1

0.5

Ratio to ATLAS

ATLAS\_2011\_S9126244

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

100

200

300

400

500

 $\overline{P}_T$  [GeV]