

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

Gap fraction

Gap fraction

Ratio to ATLAS

Ratio to ATLAS

- ATLAS
- ▲ Pythia 8.240 default
- Pythia 8.240 tune-A14-CTEQL1
- - - Pythia 8.240 tune-A14-MSTW2008LO
- ⋯ Pythia 8.240 tune-A14-NNPDF2.3LO
- - - △ Pythia 8.240 tune-CUETP8S1

ATLAS\_2011\_S9126244

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

2.5  
2  
1.5  
1  
0.5  
0  
2  
1  
0.5

100

200

300

 $\overline{P}_T$  [GeV]