

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

Gap fraction

- ATLAS
- ▲ Pythia 8.186 default
- ▼ Pythia 8.186 tune-1
- Pythia 8.186 tune-2c
- Pythia 8.186 tune-2m

2.5

2.0

1.5

1.0

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

2

1

0.5

100

200

300

400

500

 $\overline{P_T}$  [GeV]