

Gap fraction

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

- ATLAS
- - ■ Pythia 6.424 default
- - ▲ Pythia 8.301 default

2.5

2.0

1.5

1.0

0.5

0

0

2

1

2

1

1

0.5

0.5

100

200

300

400

500

 $\overline{P_T}$ [GeV]Rivet 3.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2011_S9126244

Ratio to ATLAS

2

1

0.5