

Gap fraction

Gap fraction vs $p_T(\text{FB})$ ($3 < \Delta y < 4$)

- 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

1.5

1

0.5

0

0

0

0

0

ATLAS_2011_S9126244

Ratio to ATLAS

2

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]

2

1

0.5

0.5