

Gap fraction vs pT (FB) ( $4 < \Delta y < 5$ )

Gap fraction

- ATLAS
- △ Pythia 6.427 370
- -○ Pythia 6.427 atlas-csc
- -\* Pythia 6.427 d6t
- -■ Pythia 6.427 default
- -▼ Pythia 6.427 dw
- -○ Pythia 6.427 p0

2.5

2.0

1.5

1.0

0.5

0

0.5

1.0

1.5

2.0

2.5

Ratio to ATLAS

2

1

0.5

100

200

300

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

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0

0.5

1

1.5

2

2.5

ATLAS\_2011\_S9126244