

Gap fraction

Gap fraction vs  $\Delta y$  (FB) ( $180 < p_T < 210$  ( $Q_0 = \overline{p_T}$ ))

- ATLAS
- POWHEG BOX r3744 default
- ▲ Pythia 8.308 default

2.5

2.0

1.5

1.0

0.5

0

ATLAS\_2011\_S9126244

Rivet 3.1.10,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

2

4

6

 $|\Delta y|$ 