

Gap fraction

Gap fraction vs Veto scale(FB) ( $70 < p_T < 90$ ,  $4 < \Delta y < 5$ )

- ATLAS
- ▲ Pythia 8.201 default
- ▲ Pythia 8.201 default-noFsr
- ▲ Pythia 8.201 default-noRap

2

1.8

1.6

1.4

1.2

1

0.8

0.6

0.4

0.2

0

2

1

0.5

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2011\_S9126244

Ratio to ATLAS

2

1

0.5

 $Q_0$  [GeV]