

Gap fraction vs  $\Delta y$  (FB) ( $150 < p_T < 180$  ( $Q_0 = \overline{p_T}$ ))

Gap fraction

- ATLAS
- △ Pythia 6.428 370
- -▲ Pythia 6.428 371
- ·▼ Pythia 6.428 372
- ·● Pythia 6.428 376

2.5

2.0

1.5

1.0

0.5

0

2

1

0.5

0

2

1

0.5

0

2

1

0.5

0

Rivet 3.1.10,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2011\_S9126244

2

1

0.5

 $|\Delta y|$ 

Ratio to ATLAS