

7000 GeV pp

Jets

Gap fraction

Gap fraction vs  $\Delta y$  (FB) ( $240 < p_T < 270$  ( $Q_0 = \overline{p_T}$ ))

1.4

1.2

1.0

0.8

0.6

0.4

0.2

0

■ ATLAS  
▲ Pythia 8 (Def)  
▼ Pythia 8 (Vincia)

ATLAS\_2011\_S9126244  
 Pythia 8.301

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch (arXiv:1306.3436)

Ratio to ATLAS

2

1

0.5

0

2

4

6

 $|\Delta y|$ 

2

1

0.5

0.5

1

2