

Gap fraction

Gap fraction vs  $\Delta y$  (LJ) ( $240 < p_T < 270$ )1.4  
1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0

- ATLAS
- △ Pythia 6 (370:P2012)
- Pythia 6 (391:ICT6L)
- Pythia 6 (Def)
- ☆ Pythia 6 (129:Pro-Q20)

ATLAS\_2011\_S9126244

Pythia 6.428

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch (arXiv:1306.3436)

Ratio to ATLAS

2  
1  
0.52  
1  
0.5

0

2

4

6

 $|\Delta y|$ 