

7000 GeV pp

Jets

Gap fraction

Gap fraction vs pT (LJ) ( $1 < \Delta y < 2$ )1.6  
1.4  
1.2  
1.0  
0.8  
0.6  
0.4  
0.2

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

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch (arXiv:1306.3436)

ATLAS\_2011\_S9126244  
Pythia 6.428

Ratio to ATLAS

2  
1  
0.52  
1  
0.5 $\overline{P_T}$  [GeV]