

7000 GeV pp

Jets

Gap fraction

Gap fraction vs  $\Delta y$  (LJ) ( $90 < p_T < 120$ )1.8  
1.6  
1.4  
1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0

■ ATLAS  
 ▼ Herwig 7 (SoftTune)  
 △ Pythia 6 (370:P2012)  
 ▲ Pythia 8 (Def)

ATLAS\_2011\_S9126244  
 Herwig 7.2.0, Pythia 6.428, Pythia 8.240

Rivet 3.1.0,  $\geq 100k$  events  
mcplots.cern.ch (arXiv:1306.3436)

Ratio to ATLAS

2  
1  
0.50 2 4 6  
 $|\Delta y|$ 2  
1  
0.5