

7000 GeV pp

Jets

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

Gap fraction

- ATLAS
- ▲ Pythia 8.183 default
- Pythia 8.183 tune-4cx

2.5  
2  
1.5  
1  
0.5  
0

ATLAS\_2011\_S9126244

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2  
1  
0.5  
02  
1  
0.5  
00 2 4 6  $|\Delta y|$ 