

900 GeV pp

Underlying Event

Average  $p_T$  vs  $p_T^{\text{lead}}$  ( $|\eta| < 2.5$ ,  $p_T > 0.5$  GeV)

- ATLAS
- ▲ Pythia 8.308 default
- ▲ Pythia 8.308 default-noFsr
- ▲ Pythia 8.308 default-noRap

7  
6  
5  
4  
3  
2  
1  
0

Rivet 3.1.10,  $\geq 3.3\text{M}$  events  
mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

2  
1  
0.5

2  
1  
0.5

 $p_T$  (leading track) [GeV] $\langle p_T \rangle$