

900 GeV pp

Underlying Event

Average  $p_T$  vs  $N_{ch}$  ( $|\eta| < 2.5$ ,  $p_T > 0.5$  GeV)

ATLAS

Herwig 7.2.1 default

Sherpa 2.2.9 default

Rivet 3.1.10,  $\geq 3.2M$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

 $\langle p_T \rangle$  [GeV]2  
1.8  
1.6  
1.4  
1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
02  
1  
0.5  
0

0 5 10 15 20

 $N_{ch}$ 

Ratio to ATLAS