

900 GeV pp

Underlying Event

Std. dev.  $N_{\text{ch}}$  (TRNS) ( $|\eta| < 2.5$ ,  $p_{\text{T}} > 0.5$  GeV)Std. dev.  $d^2 N_{\text{chg}}/d\eta d\phi$ 

Ratio to ATLAS

- ATLAS
- - □ Herwig 7.2.0 default
- - ◆ Sherpa 1.4.1 default

Rivet 3.1.0,  $\geq 100\text{k}$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

0.9  
0.8  
0.7  
0.6  
0.5  
0.4  
0.3  
0.2  
0.12  
1  
0.52  
1  
0.5 $p_{\text{T}}$  (leading track) [GeV]