

900 GeV pp

Soft QCD

Charged Particle  $\eta$  Distribution ( $N_{\text{ch}} > 0$ ,  $|\eta| < 2.5$ ,  $p_T > 0.5$  GeV)

- ATLAS  
—▲ Pythia 8.170 default

 $1/N_{\text{ev}} dN_{\text{ch}}/d\eta$ 

2.5  
2  
1.5  
1  
0.5  
2  
1  
0.5

Rivet 3.1.10, 400k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8591806

Ratio to ATLAS

2  
1  
0.5 $\eta$ 