

900 GeV pp

Soft QCD

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

■ ATLAS
—▲ Pythia 8.180 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
 η

-2

0

2

 η