

900 GeV pp

Soft QCD

Charged Particle η Distribution ($N_{\text{ch}} > 1, p_{\text{T}} > 0.5 \text{ GeV}$)

■ ATLAS
—▲ Pythia 8.183 default

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

2.5

2

1.5

1

0.5

ATLAS_2010_S8918562

Rivet 3.1.10, 500k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 η

-2

0

2