

900 GeV pp

Soft QCD

Charged Particle η Distribution ($N_{\text{ch}} > 6, p_{\text{T}} > 0.5 \text{ GeV}$)

- ATLAS
—▲ Pythia 8.170 default

 $1/N_{\text{ev}} dN_{\text{ch}}/d\eta$ 4.5
4
3.5
3
2.5
2
1.5
1
2
1
0.5

Rivet 3.1.10, 400k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

Ratio to ATLAS

2
1
0.5 η

-2

0

2