

900 GeV pp

Soft QCD

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

- ATLAS
- ▲ Pythia 8.308 default
- ✱ Pythia 8.308 tune-4c
- Pythia 8.308 tune-4cx

Rivet 3.1.10, $\geq 2.6 \text{ M events}$

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

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

Ratio to ATLAS

2

1

0.5

 η 