

7000 GeV pp

Soft QCD

Charged Particle η Distribution ($N_{\text{ch}} > 2, p_{\text{T}} > 0.1 \text{ GeV}$)

- ATLAS
—▲ Pythia 8.180 default

 $1/N_{\text{ev}} dN_{\text{ch}}/d\eta$ 12
10
8
6
4
2
0.5

Rivet 3.1.10, 300k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

ATLAS_2010_S8918562

Ratio to ATLAS

 η

-2

0

2