

7000 GeV pp

Soft QCD

Charged Particle η Distribution ($N_{\text{ch}} > 20$, $p_{\text{T}} > 0.1$ GeV)

- ATLAS
—▲ Pythia 8.201 default

 $1/N_{\text{ev}} dN_{\text{ch}}/d\eta$ 18
16
14
12
10
8
6
4
2
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 