

7000 GeV pp

Soft QCD

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

- ATLAS
- ▲ Pythia 8.308 default
- ▲ Pythia 8.308 default-noCR

Rivet 3.1.10, ≥ 2.8 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

Ratio to ATLAS

2

1

0.5

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

25

20

15

10

5

2

1

0.5

-2

0

2