

7000 GeV pp

Soft QCD

Charged Particles Distribution ($N_{\text{ch}} > 6, p_{\text{T}} > 0.5 \text{ GeV}$) $1/N_{\text{ev}} dN_{\text{ch}}/d\eta$

Ratio to ATLAS

0.5

1

2

3

4

5

6

7

- ATLAS
- ▲ Pythia 8.301 default
- ▼ Pythia 8.301 tune-AU2
- ◆ Pythia 8.301 tune-AU2lox
- Pythia 8.301 tune-AU2lox
- ★ Pythia 8.301 tune-AU2m

ATLAS_2010_S8918562

Rivet 3.1.0, $\geq 6.9\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

 η

-2

0

2