

900 GeV pp

Soft QCD

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

- ATLAS
- ⊕ Epos 1.99.crmc.1.6.0 lhc
- ▼ Herwig 7.2.0 softTune
- △ Pythia 6.428 370

 $1/N_{\text{ev}} dN_{\text{ch}}/d\eta$ 14
12
10
8
6
4
2
2
1
0.5Rivet 3.1.0, $\geq 5.6\text{M}$ events
mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

Ratio to ATLAS

2
1
0.5

-2

0

2

 η 