

7000 GeV pp

Soft QCD

Charged Particle η Distribution ($N_{ch} > 6, p_T > 0.5 \text{ GeV}$)

■ ATLAS

---□--- Herwig 7.2.1 default

—▲— Pythia 8.308 default

Rivet 3.1.10, $\geq 3.4M$ events

mcplots.cern.ch [arXiv:1306.3436]

2

ATLAS_2010_S8918562

 $1/N_{ev} dN_{ch}/d\eta$ 7
6
5
4
3
2
10.5
1
2
3
4
5
6
7

Ratio to ATLAS

-2 0 2

 η