

7000 GeV pp

Soft QCD

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

- ATLAS
- △ Pythia 6.428 370
- -□ Pythia 6.428 391
- . - .■ Pythia 6.428 default
- ▲ Pythia 8.212 default

Rivet 3.1.10, ≥ 400 k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

Ratio to ATLAS

2

1

0.5

 η 