

7000 GeV pp

Soft QCD

Charged Particle η Distribution ($N_{\text{ch}} > 2, p_{\text{T}} > 0.1 \text{ GeV}$) $1/N_{\text{ev}} dN_{\text{ch}}/d\eta$ 12
10
8
6
4
2
2
1
0.5

- ATLAS
- △ Pythia 6.428 370
- -■ Pythia 6.428 default
- ▲ Pythia 8.301 default

ATLAS_2010_S8918562

Rivet 3.1.10, $\geq 400\text{k}$ events
mcplots.cern.ch [arXiv:1306.3436]2
1
0.5 η

Ratio to ATLAS