

7000 GeV pp

Soft QCD

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

- ATLAS
- △ Pythia 6.428 370
- -▲ Pythia 6.428 371
- ·▼ Pythia 6.428 372
- ·● Pythia 6.428 376

8
7
6
5
4
3
2Rivet 3.1.0, $\geq 14\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

Ratio to ATLAS

2
1
0.52
1
0.5

-2

0

2

 η 