

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, ≥ 14M events  
mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

Ratio to ATLAS

2  
1  
0.52  
1  
0.5

-2

0

2

 $\eta$ 