

900 GeV pp

Soft QCD

Charged Particle η Distribution ($N_{\text{ch}} > 1, p_{\text{T}} > 0.1 \text{ GeV}$) $1/N_{\text{ev}} dN_{\text{ch}}/d\eta$ 7
6
5
4
3
2
2
1
0.5

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z1
- Pythia 6.428 z2

ATLAS_2010_S8918562

Rivet 3.1.10, $\geq 2.6 \text{ M events}$

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 η

Ratio to ATLAS