

900 GeV pp

Soft QCD

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

- ATLAS
- △ Pythia 6.428 370
- ⋯△ Pythia 6.428 373
- -○ Pythia 6.428 374
- ⋯○ Pythia 6.428 375
- -△ Pythia 6.428 381
- -▽ Pythia 6.428 382

ATLAS_2010_S8918562

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

mcplots.cern.ch [arXiv:1306.3436]

2
1
0.5

Ratio to ATLAS

 η 