

7000 GeV pp

Soft QCD

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

- ATLAS
- *--- Pythia 6.428 355
- Pythia 6.428 356
- △--- Pythia 6.428 370
- *--- Pythia 6.428 379
- △--- Pythia 6.428 ambt1
- Pythia 6.428 z2

Rivet 3.1.10, ≥ 2.1 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

Ratio to ATLAS

2

2

1

1

0.5

0.5

 η 