

900 GeV pp

Soft QCD

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

- ATLAS
- Pythia 6.428 346
- △ Pythia 6.428 347
- ◇ Pythia 6.428 348
- ⊕ Pythia 6.428 349
- △ Pythia 6.428 370

Rivet 3.1.10, $\geq 3.2M$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

Ratio to ATLAS

0.5

2

0.5

2

-2

0

2

 η 