

900 GeV pp

Soft QCD

Charged Particle  $\eta$  Distribution ( $N_{ch} > 20, p_T > 0.1$  GeV)

$1/N_{ev} dN_{ch}/d\eta$

Ratio to ATLAS

0.5

2

6

10

12

14

- ATLAS
- △ Pythia 6.428 370
- -▲ Pythia 6.428 371
- ·▼ Pythia 6.428 372
- ·● Pythia 6.428 376

ATLAS\_2010\_S8918562

Rivet 3.1.0,  $\geq 14$ M events

mcplots.cern.ch [arXiv:1306.3436]

2

0.5

$\eta$

