

900 GeV pp

Soft QCD

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

Ratio to ATLAS

2.5

2.0

1.5

1.0

0.5

2

1

0.5



ATLAS



Pythia 6.428 370



Pythia 6.428 378



Pythia 6.428 379

ATLAS\_2010\_S8918562

Rivet 3.1.0,  $\geq 8.9M$  events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 $\eta$ 

-2

0

2