

7000 GeV pp

Soft QCD

Average  $p_T$  vs  $N_{ch}$  ( $N_{ch} > 1, p_T > 0.5$  GeV)

- ATLAS
- ◆ Sherpa 2.1.1 default

Rivet 3.1.0, 7.1M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

 $\langle p_T \rangle$  [GeV]

2.5

2.0

1.5

1.0

0.5

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0

50

100

 $N_{ch}$ 

Ratio to ATLAS

0.5

1

2