

900 GeV pp

Soft QCD

Average  $p_T$  vs  $N_{ch}$  ( $N_{ch} > 1, p_T > 0.1$  GeV)

- ATLAS
- ◆ Sherpa 2.2.9 default

Rivet 3.1.10, 3.6M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

Ratio to ATLAS

0.5

1

2

0.4

0.6

0.8

1.0

1.2

0

50

100

 $N_{ch}$ 

2

1

1.2