

900 GeV pp

Soft QCD

Average  $p_T$  vs  $N_{ch}$  ( $|\eta| < 0.8$ ,  $p_T > 0.5$  GeV) $\langle p_T \rangle$  vs.  $N_{ch}$  [GeV]

- ALICE
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.170 default
- - ◆ Sherpa 2.2.9 default

Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

ALICE\_2010\_S8706239

Ratio to ALICE

2

1

0.5

 $N_{ch}$ 