

900 GeV pp

Soft QCD

Average  $p_T$  vs  $N_{ch}$  ( $|\eta| < 0.8$ ,  $p_T > 0.5$  GeV)

- ALICE
- Herwig 7.1.1 default
- ▲ Pythia 8.135 default
- ...◆ Sherpa 2.2.8 default

Rivet 3.1.0,  $\geq 7.2$ M events

mcplots.cern.ch [arXiv:1306.3436]

ALICE\_2010\_S8706239

Ratio to ALICE

2

1

0.5

 $N_{ch}$ 