

900 GeV pp

Soft QCD

Avg. transv. momentum vs.  $N_{ch}$  ( $0.5 \leq p_T \leq 4$  GeV)# $\langle p_T \rangle$  vs.  $N_{ch}$  [GeV]

- ALICE
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.230 default
- ◆- Sherpa 2.2.9 default

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(ALICE\_2010\_I860416)

Ratio to ALICE

2

1

0.5

 $N_{ch}$ 

0

10

20

30