

900 GeV pp

Soft QCD

 $\phi(1020)$ transverse momentum, $|y| < 0.6, \sqrt{s} = 0.9$ {TeV} (INEL)

- ALICE
- + Epos 1.99.crmc.1.6.0 lhc
- Herwig 7.2.1 default
- ▲ Pythia 8.315 default
- ◆ Sherpa 2.2.9 default

 $1/N_{\text{evt}} d^2N/dp_T [(GeV)^{-1}]$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ALICE_2011_I881474)

Ratio to ALICE

2

1

0.5

 p_T [GeV]