

900 GeV pp

Soft QCD

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

- ALICE
- ▲ Pythia 8.301 default
- Pythia 8.301 tune-A14-MSTW2008LO
- - - Pythia 8.301 tune-A14-NNPDF2.3LO
- - - ▲ Pythia 8.301 tune-CUETP8S1

 $1/N_{\text{evt}}$ $d^2N/dy dp_T [(\text{GeV})^{-1}]$ 10^{-1}
 10^{-2}
 10^{-3}

(ALICE_2011_I881474)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ALICE

