

900 GeV pp

Soft QCD

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

- ALICE
- ▲ Pythia 8.186 default
- -▲ Pythia 8.186 default-CD
- -▲ Pythia 8.186 default-DL
- ...▲ Pythia 8.186 default-MBR

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

2
1
0.52
1
0.5 p_T [GeV]