

Prompt  $D^0$  + c.c.  $d\sigma / dp_T$  for rapidity interval  $3.0 < y < 3.5$ 

- LHCb
- +— Epos 1.99.crmc.1.6.0 lhc
- ▼— Herwig 7.2.1 softTune
- △— Pythia 6.428 370

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(LHCb\_2013\_I1218996)

Ratio to LHCb

2

1

0.5

 $p_T$  [GeV]