

Prompt  $D^0$  + c.c.  $d\sigma / dp_T$  for rapidity interval  $2.0 < y < 2.5$ 

- LHCB
- △ Pythia 6.428 370
- -■ Pythia 6.428 default
- ▲ Pythia 8.165 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(LHCB\_2013\_I1218996)

Ratio to LHCB

2

1

0.5

 $p_T$  [GeV]