

7000 GeV pp

Soft QCD

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 8.315 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]