

7000 GeV pp

Soft QCD

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

- LHCb
- Pythia 6.428 346
- △ Pythia 6.428 347
- ◇ Pythia 6.428 348
- ⊕ Pythia 6.428 349
- △ Pythia 6.428 370

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]