

7000 GeV pp

Soft QCD

 $p_T(D^0)$ (y-4.0-4.5)

- LHCB
- ▲ Pythia 8.212 default
- -▼ Pythia 8.212 tune-1
- -● Pythia 8.212 tune-2c

Rivet 3.1.10, ≥ 400k events

mcplots.cern.ch [arXiv:1306.3436]

LHCb_2013_l1218996

Ratio to LHCB

2

1

0.5

 p_T [GeV/c]