

7000 GeV pp

Soft QCD

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

- LHCb
- ▲ Pythia 8.308 default
- ▲ Pythia 8.308 default-noCR

Rivet 3.1.10,  $\geq 2.8$ M events

mcplots.cern.ch [arXiv:1306.3436]

LHCb\_2013\_I1218996

Ratio to LHCb

2

1

0.5

 $p_T$  [GeV/c]