

7000 GeV pp

Soft QCD

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

- LHCb
- ▲ Pythia 8.201 default
- -▲ Pythia 8.201 default-CD

 $d\sigma / dp_T [\mu\text{b}/(\text{GeV}/c)]$  $10^2$ 

10

1

Rivet 3.1.10,  $\geq 300\text{k events}$ 

mcplots.cern.ch [arXiv:1306.3436]

LHCb\_2013\_I1218996

Ratio to LHCb

2

1

0.5

2

1

0.5

 $p_T [\text{GeV}/c]$ 

0

2

4

6