

7000 GeV pp

Soft QCD

 $p_T(D^+) \text{ (} y=4.0-4.5 \text{)}$

■ LHCB
—▲ Pythia 8.308 default

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

10

1

Rivet 3.1.10, 2.8M events

mcplots.cern.ch [arXiv:1306.3436]

LHCb_2013_I1218996

Ratio to LHCb

2

1

0.5

2

1

0.5

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

0

2

4

6