

7000 GeV pp

Soft QCD

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

- LHCb
- Herwig++ 2.7.0 default
- Herwig++ 2.7.0 UE-EE-5
- Herwig 7.2.1 default

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