

7000 GeV pp

Soft QCD

 $p_T(Ds^+) (y=3.0-3.5)$

- LHCB
- - □ Herwig 7.2.0 default
- · · ◆ Sherpa 1.4.2 default

 $d\sigma / dp_T [\mu\text{b}/(\text{GeV}/c)]$ Rivet 3.1.0, $\geq 5.4\text{M}$ events 10^3 10^2

10

1

 10^{-1}

mcplots.cern.ch [arXiv:1306.3436]

LHCB_2013_I1218996

Ratio to LHCB

2

1

0.5

2

1

0.5

0

2

4

6

8

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