

7000 GeV pp

Soft QCD

 $pT(Ds^+) (y-3.0-3.5)$

- LHCB
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.230 default
- - ◆ Sherpa 2.2.9 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(LHCB_2013_I1218996)

Ratio to LHCB

0.5

1

2

 10^{-1}

1

10

 10^2

0.5

2

 10^{-1}

1

10

 10^2

0

2

4

6

8