

7000 GeV pp

Soft QCD

 $p_T(Ds^+) (y-2.0-2.5)$

■ LHCB
◆ Sherpa 2.2.9 default

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

10

1

 10^{-1}

LHCb_2013_l1218996

Rivet 3.1.10, 2.6M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to LHCb

2

1

0.5

2

1

0.5

 $p_T [GeV/c]$

2

4

6

8