

7000 GeV pp

Soft QCD

 $p_T(Ds^+) (y-3.5-4.0)$ $d\sigma / dp_T [\mu b / (GeV/c)]$ 10^2

10

1

 10^{-1}

- LHCB
- ▲ Pythia 8.183 default
- ◆ Sherpa 2.2.9 default

LHCB_2013_I1218996

Rivet 3.1.10, $\geq 400k$ 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