

7000 GeV pp

Soft QCD

Prompt D_s^+ + c.c. $d\sigma / dp_T$ for rapidity interval $3.5 < y < 4.0$

- LHCb
- +— Epos 1.99.crmc.1.6.0 lhcb
- - □ Herwig 7.2.1 default
- ▲— Pythia 8.315 default
- · · ◆ · · · Sherpa 2.2.9 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(LHCb_2013_I1218996)

Ratio to LHCb

