

13000 GeV pp

 $b\bar{b}$

$$B_s^0 \rightarrow D_s^{*-} \mu^+ \nu_\mu$$

 $1/\Gamma d\Gamma/dw$

- LHCb
- - □ Herwig 7.2.1 default
- - △ Pythia 6.428 370
- - ◆ Sherpa 2.2.9 default

Rivet 4.1.0, ≥ 2.1 M events

mcplots.cern.ch [arXiv:2401.10621]

(LHCb_2020_I1787090)

Ratio to LHCb

2

1

0.5

w

1

1.1

1.2

1.3

1.4