

7000 GeV pp

 $b\bar{b}$ CMS, $\sqrt{s} = 7$ TeV, Normalized ΔS in $pp \rightarrow 2b+2j+X$

■ CMS

— Pythia 8.315 qcdcr2

 $1/\sigma \, d\sigma/d\Delta S$ [1/rad]

10

1

 10^{-1} 10^{-2}

Ratio to CMS

2

1

0.5

0

1

2

3

 ΔS

(CMS_2016_I1486238)

Rivet 4.1.0, 4.1M events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5