

7000 GeV pp

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

- CMS
- ▲ Pythia 8.201 default
- -▲ Pythia 8.201 default-CD

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

10

1

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

Ratio to CMS

2

1

0.5

Rivet 4.1.0, $\geq 500k$ events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2016_I1486238)

2

1

0.5

 ΔS

0

1

2

3