

13000 GeV pp

WW

 $\Delta\phi(\text{ll})$ (CMS W+W-)

- CMS
- ▲ Pythia 8.180 default
- ▲ Pythia 8.180 default-noCR

Rivet 3.1.10, $\geq 300\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

CMS_2020_I1814328

Ratio to CMS

2

1

0.5

 $\Delta\phi_{\text{ll}}$ 