

13000 GeV pp

WW

Cross section(CMS W+W-)

- CMS
- ▲ Pythia 8.180 default
- -▲ Pythia 8.180 default-CD
- ...▲ Pythia 8.180 default-MBR

Rivet 3.1.10, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2020_I1814328

Ratio to CMS

2

1

0.5

 $\sigma(25/30/35/45/60)$ 