

13000 GeV pp

Z (Drell-Yan)

 $p_T^{\parallel}$  (CMS Z production)

- CMS
- MadGraph5 2.7.2.atlas3 lo
- -○- - MadGraph5 2.7.2.atlas3 lo1jet
- ...○... MadGraph5 2.7.2.atlas3 lo2jet

CMS\_2019\_1306.3436

Rivet 3.1.10,  $\geq 2.4$ M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

 $p_T^Z$  [GeV]