

13000 GeV pp

Z (Drell-Yan)

 $p_T^{\parallel}$ (CMS Z production) $d\sigma/dp_T^Z$ [pb/GeV]

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

Rivet 3.1.10, ≥ 2.4 M events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2019_1236680

Ratio to CMS

2

1

0.5

 p_T^Z [GeV]