

13000 GeV pp

4-lepton

 p_T of the first dilepton pair in the H mass region (Max = 245 GeV). $d\sigma/dp_T$ (fb/GeV)

1

 10^{-1} 10^{-2} 10^{-3} 

ATLAS



Pythia 8.244 default



Pythia 8.244 tune-2c



Pythia 8.244 tune-2m

(ATLAS_2021_I1849535)

Ratio to ATLAS

2

1

0.5

0

100

200

 $p_T(\text{Z1})$ (GeV)Rivet 4.1.0, $\geq 200k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5