

13000 GeV pp

 $t\bar{t}$ $\frac{1}{\sigma} \frac{d\sigma_{\text{fid}}}{dz_{t\bar{t}}}$

All hadronic channel

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z1
- Pythia 6.428 z2

(ATLAS_2020_I1801434)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2
1
0.52
1
0.5 $z_{t\bar{t}}$

0.2

0.4

0.6

0.8

1