13000 GeV pp

$t\bar{t}$

$1 / \sigma \; d\sigma / d\, m^{e\mu}$ [1/GeV]

10^{-1}

10^{-2}

10^{-3}

10^{-4}

ATLAS

Pythia 6.427 346

Pythia 6.427 347

Pythia 6.427 348

Pythia 6.427 349

Pythia 6.427 370

(ATLAS_2019_I1759875)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

0

200

400

Dilepton $m^{e\mu}$ [GeV]