CMS Preliminary L=12.87 fb⁻¹ (13 TeV) Scale 1.00 10⁷ Number of Events / 20 GeV DY E_{T.fake}<50 DY 50<**₹**_{T,fake}<100 DY **₹**_{T, fake} > 100 tt(lep) single top tτZ ttH/W, tZq multi boson DoubleMuon (Run2016BCD) 10 10^{-1} Data / MC 1.5 0.5 200 300 250 50 150 100 MT₂ (GeV)