35.8 fb⁻¹ (13 TeV) 2016 Events pdf9₁₆ (central) **CMS** 12000 $(sys + 1\sigma)$ Simulation (sys -1σ) single top V+jets 10000 8000 6000 4000 2000 rel unc tī 0.0001 -0.0001440-3000 250-270 290-310 310-340 340-380 100-280 280-320 320-360 270-290 460-560 230-250 380-440 360-400 560-3000

 $m_{t\bar{t}}$ [GeV/c²]