35.8 fb⁻¹ (13 TeV) 2016 Events JES_PileupPtBB₁₆ (central) CMS 12000 $(sys + 1\sigma)$ Simulation (sys -1σ) single top V+jets 10000 8000 6000 $|\Delta_y| < 1.0$ $|\Delta_y| > 1.0$ 4000 2000 rel unc tt 0.002 0 -0.002440-3000 310-340 340-380 100-280 320-360 460-560 210-230 230-250 250-270 270-290 290-310 380-440 280-320 400-460 560-3000 360-400

 M_{bl} [GeV/c²]