35.8 fb⁻¹ (13 TeV) 2016 Events JES_PileupPtRef₁₆ (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 tī 0.002 0 -0.002100-210 440-3000 100-280 460-560 210-230 230-250 250-270 270-290 290-310 310-340 340-380 380-440 280-320 320-360 400-460 560-3000 360-400

 $\rm M_{bl} \, [GeV/c^2]$