35.8 fb⁻¹ (13 TeV) 2016 Events JES_PileupPtEC2₁₆ central) CMS 12000 $(sys + 1\sigma)$ Simulation (sys -1σ) single top V+jets 10000 8000 6000 $|\Delta_y| < 1.0$ 4000 2000 0.0001 0.0005 0 -0.00005-0.0001310-340 440-3000 320-360 210-230 230-250 250-270 270-290 290-310 340-380 380-440 100-280 280-320 360-400 400-460 460-560 560-3000

 M_{bl} [GeV/c²]