59.0 fb⁻¹ (13 TeV) 2018 Events JER₁₈ (central) CMS 22000 $(sys + 1\sigma)$ Simulation (sys -1σ) 20000 single top V+jets 18000 16000 14000 12000 10000 $|\Delta_y| < 1.0$ 8000 $|\Delta_y| > 1.0$ 6000 4000 2000 0.004 rel unc tī 0.002 0 -0.002-0.004210-230 230-250 250-270 440-3000 320-360 460-560 270-290 290-310 310-340 340-380 380-440 100-280 280-320 360-400 400-460 560-3000

 M_{bl} [GeV/c²]