35.8 fb⁻¹ (13 TeV) 2016 Events JES_SinglePiHCAL (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 0.001 0 -0.001310-340 440-3000 320-360 460-560 210-230 230-250 250-270 270-290 290-310 340-380 380-440 100-280 280-320 400-460 360-400 560-3000

 M_{bl} [GeV/c²]