35.8 fb⁻¹ (13 TeV) 2016 Events JES_SinglePiECAL₁₆ (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 0.004 0.002 0 -0.002-0.004320-360 310-340 460-560 250-270 340-380 380-440 210-230 230-250 270-290 290-310 440-3000 100-280 280-320 360-400 400-460 560-3000

 M_{bl} [GeV/c²]