59.0 fb⁻¹ (13 TeV) 2018 Events JES_Fragmentation₁₈ (central) CMS $(sys + 1\sigma)$ Simulation 30000 (sys -1σ) single top V+jets 25000 20000 15000 10000 5000 rel unc tī 0.004 0.002 0 -0.002-0.004340-380 310-340 320-360 250-280 380-440 440-3000 100-280 280-320 360-400 460-560 100-220 220-250 280-310 400-460 560-3000

 M_{bl} [GeV/c²]