

SR	$t\bar{t}$ + single top	DY+jets	Other SM	Misid. $\tau_h$	Total bkg.	Data
1	$407^{+9+36}_{-9-36}$	$120^{+14+29}_{-14-30}$	$3.5^{+1.4+1.0}_{-1.4-1.1}$	$612^{+44+154}_{-44-155}$	$1142^{+47+164}_{-47-165}$	1255
2	$568^{+11+49}_{-11-51}$	$94^{+10+24}_{-10-18}$	$10^{+3+2}_{-3-2}$	$239^{+27+90}_{-27-92}$	$911^{+31+111}_{-31-111}$	882
3	$51^{+3+4}_{-3-4}$	$13^{+3+3}_{-3-2}$	$2.8^{+0.6+0.6}_{-0.6-0.8}$	$28^{+8+25}_{-8-13}$	$95^{+9+26}_{-9-14}$	94
4	$48^{+3+4}_{-3-4}$	$6.8^{+2.1+2.4}_{-2.1-2.1}$	$1.4^{+0.7+0.4}_{-0.7-0.4}$	$15^{+6+17}_{-6-8}$	$71^{+7+18}_{-7-9}$	67
5	$23^{+2+2}_{-2-2}$	$3.5^{+5.1+0.8}_{-1.7-0.7}$	$2.3^{+1.1+0.5}_{-1.1-0.5}$	$4.6^{+4.2+8.3}_{-4.2-2.6}$	$33^{+7+9}_{-5-4}$	46
6	$116^{+5+12}_{-5-12}$	$13^{+3+3}_{-3-6}$	$1.5^{+1.2+0.4}_{-1.2-0.7}$	$194^{+21+74}_{-21-69}$	$324^{+22+75}_{-22-71}$	277
7	$129^{+5+13}_{-5-14}$	$9.7^{+2.9+5.0}_{-2.9-5.2}$	$1.5^{+1.4+0.4}_{-1.4-0.4}$	$81^{+15+25}_{-15-27}$	$221^{+16+30}_{-16-31}$	219
8	$7.2^{+1.2+0.8}_{-1.2-0.7}$	$0.8^{+4.1+0.2}_{-0.4-0.4}$	$0.4^{+0.1+0.1}_{-0.1-0.1}$	$14^{+4+14}_{-4-7}$	$22^{+6+14}_{-4-7}$	17
9	$7.4^{+1.2+0.7}_{-1.2-0.7}$	$0.0^{+3.5+0.0}_{-0.0-0.0}$	$0.2^{+0.2+0.1}_{-0.2-0.1}$	$6.7^{+2.3+7.3}_{-2.3-3.4}$	$14^{+4+7}_{-3-3}$	7
10	$1.4^{+0.6+0.1}_{-0.6-0.4}$	$0.4^{+6.0+0.1}_{-0.4-0.1}$	$1.0^{+0.8+0.5}_{-0.8-0.4}$	$4.9^{+1.3+5.3}_{-1.3-2.6}$	$7.7^{+6.2+5.4}_{-1.6-2.7}$	2
11	$8.8^{+1.4+1.0}_{-1.4-1.2}$	$0.7^{+5.4+0.2}_{-0.7-1.3}$	$0.5^{+0.3+0.2}_{-0.3-0.2}$	$17^{+7+10}_{-7-6}$	$27^{+9+10}_{-7-7}$	30
12	$9.8^{+1.5+1.7}_{-1.5-1.2}$	$6.4^{+2.3+4.8}_{-2.3-2.0}$	$0.7^{+0.2+0.2}_{-0.2-0.2}$	$35^{+7+22}_{-7-15}$	$52^{+7+22}_{-7-15}$	37
13	$1.3^{+0.6+0.2}_{-0.5-0.4}$	$2.1^{+5.0+1.0}_{-1.3-0.8}$	$0.3^{+0.1+0.1}_{-0.1-0.1}$	$6.7^{+3.1+5.5}_{-3.1-3.2}$	$10^{+6+6}_{-3-3}$	14
14	$0.5^{+0.7+0.1}_{-0.5-0.1}$	$0.0^{+3.5+0.0}_{-0.0-0.0}$	$0.2^{+0.1+0.0}_{-0.1-0.0}$	$2.4^{+1.9+3.7}_{-0.6-1.3}$	$3.1^{+4.0+3.7}_{-0.8-1.3}$	2
15	$1.1^{+0.6+0.2}_{-0.6-0.2}$	$0.0^{+3.5+0.0}_{-0.0-0.0}$	$0.1^{+0.0+0.0}_{-0.0-0.0}$	$0.7^{+2.6+0.6}_{-0.5-0.4}$	$1.9^{+4.4+0.7}_{-0.8-0.4}$	4
Total	$1380^{+17+123}_{-17-126}$	$270^{+23+66}_{-19-59}$	$26^{+4+6}_{-4-6}$	$1261^{+59+461}_{-59-403}$	$2937^{+66+482}_{-65-427}$	2953