

Bin	H_T^{miss} [GeV]	H_T [GeV]	N_{jet}	$N_{b\text{-jet}}$	Lost-lepton background	$Z \rightarrow \nu\bar{\nu}$ background	QCD background	Total background	Observed
1	300–350	300–600	2–3	0	$38\,870 \pm 320 \pm 580$	$89\,100 \pm 200 \pm 2600$	$1800 \pm 1000^{+1200}_{-800}$	$129\,800 \pm 1100 \pm 2800$	130 718
2	300–350	600–1200	2–3	0	$2760 \pm 61 \pm 39$	$4970 \pm 50 \pm 150$	$330 \pm 180 \pm 160$	$8060 \pm 200 \pm 220$	7820
3	300–350	≥ 1200	2–3	0	$181 \pm 17 \pm 3$	$308 \pm 12 \pm 18$	$62 \pm 34 \pm 27$	$552 \pm 40 \pm 32$	514
4	350–600	350–600	2–3	0	$26\,230 \pm 240 \pm 540$	$78\,000 \pm 200 \pm 2200$	$660 \pm 360 \pm 300$	$104\,900 \pm 500 \pm 2300$	100 828
5	350–600	600–1200	2–3	0	$5319 \pm 81 \pm 78$	$14\,570 \pm 80 \pm 430$	$210 \pm 110 \pm 100$	$20\,100 \pm 160 \pm 450$	19 319
6	350–600	≥ 1200	2–3	0	$279 \pm 21 \pm 6$	$689 \pm 17^{+41}_{-36}$	$29 \pm 16 \pm 13$	$997 \pm 32 \pm 40$	933
7	600–850	600–1200	2–3	0	$1220 \pm 43 \pm 25$	$6290 \pm 50 \pm 370$	$11.1 \pm 6.0^{+5.4}_{-5.1}$	$7520 \pm 70 \pm 360$	6786
8	600–850	≥ 1200	2–3	0	$52 \pm 9 \pm 2$	$240 \pm 11 \pm 15$	$0.73 \pm 0.65^{+0.31}_{-0.07}$	$293 \pm 14 \pm 16$	277
9	≥ 850	850–1700	2–3	0	$116 \pm 14 \pm 3$	$1088 \pm 23 \pm 98$	$0.35 \pm 0.21 \pm 0.15$	$1205 \pm 28 \pm 98$	933
10	≥ 850	≥ 1700	2–3	0	$1.8^{+4.1}_{-1.5} \pm 0.1$	$48.9^{+5.3}_{-4.8} \pm 0.5$	$0.02 \pm 0.02^{+0.01}_{-0.00}$	$50.7^{+6.7}_{-5.0} \pm 5.1$	50
11	300–350	300–600	2–3	1	$5590 \pm 100 \pm 100$	$9800 \pm 20 \pm 1500$	$360 \pm 200^{+330}_{-160}$	$15\,800 \pm 200 \pm 1500$	15 272
12	300–350	600–1200	2–3	1	$436 \pm 25 \pm 6$	$616 \pm 6 \pm 95$	$99 \pm 54^{+79}_{-45}$	$1150 \pm 60 \pm 110$	1177
13	300–350	≥ 1200	2–3	1	$27.4^{+7.9}_{-6.3} \pm 0.4$	$38.4 \pm 1.5 \pm 6.1$	$18 \pm 10^{+14}_{-8}$	$84 \pm 13^{+15}_{-10}$	71
14	350–600	350–600	2–3	1	$3237 \pm 75 \pm 99$	$8600 \pm 20 \pm 1300$	$124 \pm 67^{+96}_{-57}$	$11\,900 \pm 100 \pm 1300$	11 121
15	350–600	600–1200	2–3	1	$757 \pm 32 \pm 14$	$1780 \pm 10 \pm 270$	$48 \pm 27^{+38}_{-21}$	$2590 \pm 40 \pm 270$	2530
16	350–600	≥ 1200	2–3	1	$36.7^{+8.9}_{-7.3} \pm 0.5$	$86 \pm 2 \pm 14$	$9.1 \pm 5.0^{+6.9}_{-4.1}$	$132 \pm 10 \pm 15$	127
17	600–850	600–1200	2–3	1	$162 \pm 17 \pm 4$	$710 \pm 10 \pm 120$	$2.3 \pm 1.3^{+1.8}_{-1.0}$	$880 \pm 20 \pm 110$	728
18	600–850	≥ 1200	2–3	1	$2.7^{+3.5}_{-1.7} \pm 0.1$	$29.5 \pm 1.3 \pm 4.8$	$0.12 \pm 0.10^{+0.09}_{-0.02}$	$32.3^{+3.8}_{-2.1} \pm 4.8$	31
19	≥ 850	850–1700	2–3	1	$8.7^{+5.2}_{-3.5} \pm 0.2$	$124 \pm 3 \pm 22$	$0.10 \pm 0.07^{+0.07}_{-0.02}$	$133 \pm 5 \pm 22$	112
20	≥ 850	≥ 1700	2–3	1	$0.0^{+3.6}_{-0.0} \pm 0.0$	$6.0 \pm 0.7 \pm 1.1$	$0.03^{+0.04+0.02}_{-0.03-0.00}$	$6.0^{+3.6}_{-0.6} \pm 1.1$	5
21	300–350	300–600	2–3	≥ 2	$706 \pm 37 \pm 13$	$940 \pm 2 \pm 290$	66^{+68+72}_{-66-0}	$1710 \pm 80 \pm 290$	1787
22	300–350	600–1200	2–3	≥ 2	$96 \pm 13 \pm 1$	$71 \pm 1 \pm 22$	$19 \pm 11^{+19}_{-8}$	$186 \pm 18^{+29}_{-23}$	148
23	300–350	≥ 1200	2–3	≥ 2	$3.5^{+4.7}_{-2.3} \pm 0.1$	$4.4 \pm 0.2 \pm 1.4$	$2.2 \pm 1.3^{+2.1}_{-0.9}$	$10.2^{+4.8+2.5}_{-2.6-1.7}$	11
24	350–600	350–600	2–3	≥ 2	$362 \pm 27 \pm 14$	$810 \pm 2 \pm 250$	$13 \pm 8^{+13}_{-5}$	$1190 \pm 30 \pm 250$	1159
25	350–600	600–1200	2–3	≥ 2	$166 \pm 18 \pm 5$	$201 \pm 1 \pm 61$	$5.1 \pm 3.3^{+5.1}_{-1.8}$	$373 \pm 18 \pm 62$	322
26	350–600	≥ 1200	2–3	≥ 2	$6.0^{+4.8}_{-2.9} \pm 0.1$	$9.9 \pm 0.2 \pm 3.1$	$1.5 \pm 0.9^{+1.5}_{-0.6}$	$17.5^{+4.9+3.4}_{-3.1-3.1}$	13
27	600–850	600–1200	2–3	≥ 2	$17.5^{+7.6}_{-5.6} \pm 0.3$	$72 \pm 1 \pm 22$	$0.09 \pm 0.09^{+0.09}_{-0.00}$	$89 \pm 7 \pm 22$	50
28	600–850	≥ 1200	2–3	≥ 2	$0.0^{+2.9}_{-0.0} \pm 0.0$	$3.4 \pm 0.1 \pm 1.0$	$0.08 \pm 0.08^{+0.07}_{-0.00}$	$3.4^{+2.9}_{-0.2} \pm 1.0$	4
29	≥ 850	850–1700	2–3	≥ 2	$0.0^{+4.4}_{-0.0} \pm 0.0$	$12.5 \pm 0.3 \pm 4.0$	$0.09 \pm 0.07^{+0.09}_{-0.02}$	$12.6^{+4.5}_{-0.3} \pm 4.0$	9
30	≥ 850	≥ 1700	2–3	≥ 2	$0.0^{+3.7}_{-0.0} \pm 0.0$	$0.68 \pm 0.07 \pm 0.22$	$0.04 \pm 0.04^{+0.03}_{-0.00}$	$0.7^{+3.7}_{-0.1} \pm 0.2$	0