

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
31	300–350	300–600	4–5	0	$8719_{-110}^{+110+120}$	$13926_{-380}^{+73+600}$	$633_{-370}^{+350+410}$	$23278_{-740}^{+370+400}$	23241
32	300–350	600–1200	4–5	0	2989_{-48-54}^{+48+54}	$3962_{-39-150}^{+39+150}$	$488_{-260-230}^{+260+240}$	$7439_{-270-270}^{+270+290}$	7277
33	300–350	≥ 1200	4–5	0	216_{-13-5}^{+14+5}	317_{-11-17}^{+12+19}	$225_{-120-97}^{+120+97}$	$759_{-120-99}^{+120+99}$	726
34	350–600	350–600	4–5	0	$5228_{-84-160}^{+85+160}$	$11407_{-66-440}^{+67+460}$	$184_{-100-82}^{+100+84}$	$16819_{-150-480}^{+150+500}$	16720
35	350–600	600–1200	4–5	0	4654_{-59-68}^{+59+68}	$9002_{-59-340}^{+59+340}$	$211_{-110-97}^{+110+100}$	$13866_{-140-360}^{+140+380}$	13837
36	350–600	≥ 1200	4–5	0	364_{-16-6}^{+17+6}	680_{-17-35}^{+17+40}	104_{-56-45}^{+56+45}	1148_{-61-57}^{+61+61}	1141
37	600–850	600–1200	4–5	0	428_{-18-9}^{+19+9}	1592_{-25-92}^{+25+96}	$5.1_{-2.8-2.3}^{+2.8+2.4}$	2025_{-31-93}^{+32+96}	2028
38	600–850	≥ 1200	4–5	0	$72.2_{-7.3-1.1}^{+8.1+1.1}$	225_{-10-14}^{+10+14}	$1.9_{-1.1-0.8}^{+1.1+0.8}$	299_{-12-14}^{+13+14}	291
39	≥ 850	850–1700	4–5	0	$42.4_{-6.0-0.8}^{+6.9+0.8}$	351_{-12-31}^{+13+33}	$0.13_{-0.09-0.04}^{+0.09+0.06}$	393_{-14-31}^{+15+33}	360
40	≥ 850	≥ 1700	4–5	0	$6.1_{-2.3-0.1}^{+3.3+0.1}$	$38.4_{-4.0-4.3}^{+4.4+4.4}$	$0.06_{-0.05-0.01}^{+0.05+0.02}$	$44.6_{-4.6-4.3}^{+5.5+4.4}$	51
41	300–350	300–600	4–5	1	4217_{-68-77}^{+69+77}	$2846_{-15-450}^{+15+450}$	$224_{-120-100}^{+120+200}$	$7287_{-140-470}^{+140+500}$	7157
42	300–350	600–1200	4–5	1	1389_{-34-23}^{+35+23}	847_{-8-130}^{+8+130}	$261_{-140-120}^{+140+210}$	$2496_{-150-180}^{+150+250}$	2387
43	300–350	≥ 1200	4–5	1	93_{-9-3}^{+10+3}	69_{-2-11}^{+3+11}	93_{-50-43}^{+50+71}	255_{-51-44}^{+51+72}	229
44	350–600	350–600	4–5	1	2068_{-49-41}^{+50+41}	$2326_{-14-370}^{+14+370}$	64_{-35-29}^{+35+49}	$4458_{-62-370}^{+63+370}$	4317
45	350–600	600–1200	4–5	1	1777_{-39-29}^{+40+29}	$1912_{-12-300}^{+13+300}$	92_{-50-73}^{+50+73}	$3782_{-65-300}^{+65+310}$	3822
46	350–600	≥ 1200	4–5	1	112_{-10-3}^{+11+3}	148_{-4-24}^{+4+24}	45_{-27-32}^{+24+34}	305_{-27-42}^{+27+42}	350
47	600–850	600–1200	4–5	1	107_{-10-3}^{+11+3}	332_{-5-54}^{+5+54}	$1.8_{-1.1-0.8}^{+1.1+1.5}$	441_{-11-54}^{+12+55}	388
48	600–850	≥ 1200	4–5	1	$23.1_{-4.6-0.4}^{+5.5+0.4}$	$48.6_{-2.1-8.0}^{+2.2+8.0}$	$0.78_{-0.51-0.27}^{+0.51+0.59}$	$72.5_{-5.0-8.0}^{+6.0+8.1}$	74
49	≥ 850	850–1700	4–5	1	$9.4_{-3.0-0.3}^{+4.0+0.3}$	73_{-3-13}^{+3+13}	$0.12_{-0.09-0.03}^{+0.09+0.09}$	82_{-4-13}^{+5+13}	73
50	≥ 850	≥ 1700	4–5	1	$1.0_{-0.8-0.0}^{+2.3+0.0}$	$8.3_{-0.9-1.6}^{+1.0+1.6}$	$0.03_{-0.03-0.00}^{+0.04+0.02}$	$9.4_{-1.2-1.6}^{+2.5+1.6}$	14
51	300–350	300–600	4–5	2	1806_{-48-30}^{+49+30}	468_{-2-79}^{+2+79}	68_{-45-24}^{+45+74}	$2342_{-65-87}^{+66+110}$	2505
52	300–350	600–1200	4–5	2	687_{-25-10}^{+26+10}	144_{-1-24}^{+1+24}	71_{-39-32}^{+39+70}	902_{-47-41}^{+47+75}	864
53	300–350	≥ 1200	4–5	2	$34.0_{-6.2-0.7}^{+7.4+0.7}$	$12.0_{-0.4-2.1}^{+0.4+2.1}$	24_{-13-11}^{+13+23}	70_{-14-11}^{+15+23}	72
54	350–600	350–600	4–5	2	820_{-34-20}^{+35+20}	381_{-2-64}^{+2+64}	17_{-10-7}^{+10+17}	1218_{-35-67}^{+36+69}	1208
55	350–600	600–1200	4–5	2	794_{-28-12}^{+29+12}	324_{-2-54}^{+2+54}	23_{-13-10}^{+13+23}	1141_{-31-56}^{+32+60}	1180
56	350–600	≥ 1200	4–5	2	$47.8_{-7.2-1.1}^{+8.2+1.1}$	$25.6_{-0.6-4.4}^{+0.6+4.4}$	12_{-7-5}^{+7+12}	85_{-10-7}^{+11+12}	78
57	600–850	600–1200	4–5	2	$37.1_{-6.7-0.7}^{+8.0+0.7}$	$55.5_{-0.9-9.6}^{+0.9+9.6}$	$0.45_{-0.30-0.16}^{+0.30+0.45}$	$93.1_{-6.8-9.6}^{+8.0+9.7}$	98
58	600–850	≥ 1200	4–5	2	$8.8_{-3.5-0.1}^{+5.3+0.1}$	$8.4_{-0.3-1.5}^{+0.4+1.5}$	$0.20_{-0.18-0.02}^{+0.18+0.19}$	$17.4_{-3.6-1.5}^{+5.3+1.5}$	15
59	≥ 850	850–1700	4–5	2	$1.2_{-1.0-0.0}^{+2.8+0.0}$	$12.0_{-0.4-2.2}^{+0.4+2.3}$	$0.09_{-0.07-0.02}^{+0.07+0.09}$	$13.3_{-1.1-2.2}^{+2.8+2.3}$	15
60	≥ 850	≥ 1700	4–5	2	$0.0_{-0.0-0.0}^{+2.6+0.0}$	$1.44_{-0.15-0.28}^{+0.16+0.29}$	$0.04_{-0.04-0.00}^{+0.04+0.03}$	$1.5_{-0.1-0.3}^{+2.6+0.3}$	1
61	300–350	300–600	4–5	≥ 3	147_{-14-2}^{+15+2}	40_{-0-14}^{+0+14}	$4.4_{-4.2-0.2}^{+4.2+6.1}$	192_{-14-15}^{+15+16}	222
62	300–350	600–1200	4–5	≥ 3	$76.7_{-8.5-1.3}^{+9.5+1.3}$	$13.5_{-0.1-4.8}^{+0.1+4.8}$	9_{-6-3}^{+6+12}	99_{-10-6}^{+11+13}	92
63	300–350	≥ 1200	4–5	≥ 3	$5.8_{-2.5-0.1}^{+3.9+0.1}$	$1.14_{-0.04-0.41}^{+0.04+0.41}$	$3.7_{-2.2-1.5}^{+2.2+4.7}$	$10.6_{-3.3-1.5}^{+4.5+4.7}$	5
64	350–600	350–600	4–5	≥ 3	73_{-10-1}^{+11+1}	33_{-0-12}^{+0+12}	$1.2_{-1.1-0.1}^{+1.1+1.6}$	107_{-10-12}^{+11+12}	111
65	350–600	600–1200	4–5	≥ 3	92_{-10-2}^{+11+2}	30_{-0-11}^{+0+11}	$3.2_{-2.0-1.2}^{+2.0+4.2}$	125_{-10-11}^{+11+12}	138
66	350–600	≥ 1200	4–5	≥ 3	$5.0_{-2.2-0.1}^{+3.4+0.1}$	$2.45_{-0.06-0.87}^{+0.06+0.88}$	$1.8_{-1.2-0.6}^{+1.2+2.3}$	$9.3_{-2.5-1.1}^{+3.6+2.5}$	5
67	600–850	600–1200	4–5	≥ 3	$1.3_{-1.1-0.0}^{+2.9+0.0}$	$4.9_{-0.1-1.8}^{+0.1+1.8}$	$0.10_{-0.10-0.00}^{+0.12+0.13}$	$6.3_{-1.1-1.8}^{+2.9+1.8}$	5
68	600–850	≥ 1200	4–5	≥ 3	$0.0_{-0.0-0.0}^{+2.6+0.0}$	$0.79_{-0.03-0.28}^{+0.04+0.28}$	$0.10_{-0.10-0.00}^{+0.12+0.13}$	$0.9_{-0.1-0.3}^{+2.6+0.3}$	0
69	≥ 850	850–1700	4–5	≥ 3	$0.0_{-0.0-0.0}^{+3.2+0.0}$	$1.05_{-0.04-0.38}^{+0.04+0.38}$	$0.10_{-0.09-0.02}^{+0.09+0.13}$	$1.2_{-0.1-0.4}^{+3.2+0.4}$	1
70	≥ 850	≥ 1700	4–5	≥ 3	$0.0_{-0.0-0.0}^{+2.3+0.0}$	$0.13_{-0.01-0.05}^{+0.01+0.05}$	$0.04_{-0.04-0.00}^{+0.05+0.05}$	$0.2_{-0.0-0.1}^{+2.3+0.1}$	0