

Bin	H_{Γ}^{miss} [GeV]	H_{Γ} [GeV]	N_{jet}	$N_{\text{b-jet}}$	Lost-lepton background	$Z \rightarrow \nu\bar{\nu}$ background	QCD background	Total background	Observed
111	300–350	600–1200	8–9	0	$139.5^{+9.8+1.9}_{-9.2-1.9}$	$60.0^{+4.7+9.8}_{-4.4-9.7}$	58^{+29+28}_{-29-28}	258^{+31+30}_{-31-30}	245
112	300–350	≥ 1200	8–9	0	$31.0^{+4.5+1.1}_{-4.0-1.1}$	$25.1^{+3.7+2.8}_{-3.2-2.7}$	57^{+28+24}_{-28-24}	113^{+29+25}_{-29-25}	88
113	350–600	600–1200	8–9	0	$136.1^{+9.5+1.7}_{-9.0-1.7}$	123^{+7+14}_{-7-13}	30^{+15+14}_{-15-14}	289^{+19+20}_{-19-20}	280
114	350–600	≥ 1200	8–9	0	$49.9^{+5.5+0.9}_{-5.0-0.9}$	$52.2^{+5.0+5.6}_{-4.6-5.3}$	27^{+14+12}_{-14-12}	129^{+16+13}_{-15-13}	104
115	600–850	600–1200	8–9	0	$6.6^{+2.3+0.2}_{-1.8-0.2}$	$13.9^{+2.6+1.5}_{-2.2-1.5}$	$0.37^{+0.21+0.18}_{-0.21-0.16}$	$20.9^{+3.5+1.6}_{-2.9-1.5}$	28
116	600–850	≥ 1200	8–9	0	$6.1^{+2.1+0.1}_{-1.6-0.1}$	$12.9^{+2.6+1.6}_{-2.2-1.6}$	$0.79^{+0.44+0.34}_{-0.44-0.34}$	$19.7^{+3.3+1.7}_{-2.7-1.6}$	22
117	≥ 850	850–1700	8–9	0	$1.1^{+1.1+0.0}_{-0.6-0.0}$	$4.1^{+1.5+0.6}_{-1.2-0.6}$	$0.06^{+0.04+0.03}_{-0.04-0.02}$	$5.3^{+1.9+0.6}_{-1.3-0.6}$	2
118	≥ 850	≥ 1700	8–9	0	$1.5^{+1.2+0.1}_{-0.7-0.1}$	$2.2^{+1.3+0.3}_{-0.9-0.3}$	$0.02^{+0.02+0.01}_{-0.02-0.00}$	$3.7^{+1.8+0.3}_{-1.1-0.3}$	1
119	300–350	600–1200	8–9	1	183^{+11+3}_{-11-3}	37^{+3+11}_{-3-11}	27^{+13+13}_{-13-13}	247^{+18+17}_{-17-17}	229
120	300–350	≥ 1200	8–9	1	$43.8^{+5.5+0.7}_{-5.0-0.7}$	$13.8^{+2.0+3.8}_{-1.8-3.8}$	24^{+12+10}_{-12-10}	82^{+13+11}_{-13-11}	68
121	350–600	600–1200	8–9	1	176^{+11+3}_{-10-3}	75^{+4+21}_{-4-21}	$10.9^{+5.5+5.3}_{-5.5-5.3}$	262^{+13+22}_{-12-22}	224
122	350–600	≥ 1200	8–9	1	$68.4^{+6.7+1.2}_{-6.2-1.2}$	$29.5^{+2.8+8.2}_{-2.6-8.1}$	$9.8^{+5.0+4.2}_{-5.0-4.2}$	$107.8^{+8.8+9.3}_{-8.3-9.2}$	90
123	600–850	600–1200	8–9	1	$3.4^{+2.0+0.2}_{-1.4-0.2}$	$8.7^{+1.6+2.4}_{-1.4-2.4}$	$0.10^{+0.08+0.05}_{-0.08-0.02}$	$12.2^{+2.6+2.4}_{-2.0-2.4}$	7
124	600–850	≥ 1200	8–9	1	$8.3^{+2.8+0.1}_{-2.1-0.1}$	$8.1^{+1.6+2.3}_{-1.4-2.3}$	$0.31^{+0.18+0.13}_{-0.18-0.12}$	$16.7^{+3.2+2.3}_{-2.6-2.3}$	15
125	≥ 850	850–1700	8–9	1	$0.0^{+1.2+0.0}_{-0.0-0.0}$	$2.08^{+0.79+0.61}_{-0.59-0.61}$	$0.05^{+0.04+0.02}_{-0.04-0.01}$	$2.1^{+1.5+0.6}_{-0.6-0.6}$	2
126	≥ 850	≥ 1700	8–9	1	$1.0^{+1.3+0.0}_{-0.7-0.0}$	$1.35^{+0.81+0.41}_{-0.54-0.40}$	$0.02^{+0.02+0.01}_{-0.02-0.00}$	$2.4^{+1.5+0.4}_{-0.8-0.4}$	2
127	300–350	600–1200	8–9	2	169^{+11+4}_{-10-4}	$11.0^{+0.9+4.1}_{-0.8-4.1}$	$9.5^{+4.9+4.6}_{-4.9-4.6}$	190^{+12+7}_{-11-7}	193
128	300–350	≥ 1200	8–9	2	$28.9^{+4.7+0.5}_{-4.1-0.5}$	$5.5^{+0.8+1.9}_{-0.7-1.9}$	$10.1^{+5.1+4.4}_{-5.1-4.4}$	$44.6^{+7.0+4.8}_{-6.6-4.8}$	53
129	350–600	600–1200	8–9	2	146^{+10+2}_{-10-2}	$23.1^{+1.3+8.2}_{-1.2-8.1}$	$4.5^{+2.4+2.2}_{-2.4-2.1}$	174^{+11+9}_{-10-9}	158
130	350–600	≥ 1200	8–9	2	$42.9^{+5.6+0.9}_{-5.0-0.9}$	$11.0^{+1.1+3.9}_{-1.0-3.9}$	$4.1^{+2.1+1.8}_{-2.1-1.8}$	$58.0^{+6.1+4.4}_{-5.5-4.3}$	74
131	600–850	600–1200	8–9	2	$3.6^{+2.4+0.2}_{-1.6-0.2}$	$2.52^{+0.47+0.89}_{-0.40-0.89}$	$0.09^{+0.08+0.04}_{-0.08-0.01}$	$6.2^{+2.5+0.9}_{-1.6-0.9}$	7
132	600–850	≥ 1200	8–9	2	$8.0^{+2.9+0.3}_{-2.2-0.3}$	$2.30^{+0.46+0.82}_{-0.39-0.82}$	$0.08^{+0.09+0.04}_{-0.09-0.00}$	$10.4^{+3.0+0.9}_{-2.3-0.9}$	9
133	≥ 850	850–1700	8–9	2	$0.7^{+1.6+0.0}_{-0.6-0.0}$	$0.96^{+0.37+0.35}_{-0.27-0.35}$	$0.05^{+0.04+0.02}_{-0.04-0.01}$	$1.7^{+1.6+0.3}_{-0.7-0.3}$	0
134	≥ 850	≥ 1700	8–9	2	$2.5^{+3.3+0.1}_{-1.7-0.1}$	$0.40^{+0.24+0.15}_{-0.16-0.15}$	$0.02^{+0.02+0.01}_{-0.02-0.00}$	$2.9^{+3.4+0.2}_{-1.7-0.2}$	2
135	300–350	600–1200	8–9	≥ 3	$46.8^{+6.1+0.7}_{-5.5-0.7}$	$3.8^{+0.3+2.3}_{-0.3-2.3}$	$3.7^{+2.6+1.8}_{-2.6-1.2}$	$54.3^{+6.6+3.0}_{-6.1-2.7}$	57
136	300–350	≥ 1200	8–9	≥ 3	$17.3^{+4.0+0.5}_{-3.3-0.5}$	$1.26^{+0.18+0.76}_{-0.16-0.76}$	$3.6^{+2.0+1.5}_{-2.0-1.5}$	$22.2^{+4.4+1.8}_{-3.8-1.8}$	17
137	350–600	600–1200	8–9	≥ 3	$44.4^{+5.9+1.0}_{-5.3-1.0}$	$7.5^{+0.4+4.6}_{-0.4-4.6}$	$1.31^{+0.81+0.63}_{-0.81-0.51}$	$53.2^{+6.0+4.7}_{-5.4-4.7}$	36
138	350–600	≥ 1200	8–9	≥ 3	$15.2^{+3.6+0.3}_{-2.9-0.3}$	$2.8^{+0.3+1.7}_{-0.2-1.7}$	$1.17^{+0.68+0.51}_{-0.68-0.49}$	$19.2^{+3.6+1.8}_{-3.0-1.8}$	23
139	600–850	600–1200	8–9	≥ 3	$0.0^{+1.7+0.0}_{-0.0-0.0}$	$0.88^{+0.16+0.54}_{-0.14-0.53}$	$0.04^{+0.04+0.02}_{-0.04-0.00}$	$0.9^{+1.7+0.5}_{-0.1-0.5}$	2
140	600–850	≥ 1200	8–9	≥ 3	$2.7^{+2.2+0.1}_{-1.3-0.1}$	$0.83^{+0.17+0.51}_{-0.14-0.51}$	$0.05^{+0.05+0.02}_{-0.05-0.00}$	$3.6^{+2.2+0.5}_{-1.3-0.5}$	2
141	≥ 850	850–1700	8–9	≥ 3	$0.8^{+2.0+0.0}_{-0.7-0.0}$	$0.18^{+0.07+0.11}_{-0.05-0.11}$	$0.05^{+0.04+0.02}_{-0.04-0.01}$	$1.1^{+2.0+0.1}_{-0.7-0.1}$	0
142	≥ 850	≥ 1700	8–9	≥ 3	$0.0^{+1.8+0.0}_{-0.0-0.0}$	$0.14^{+0.08+0.08}_{-0.05-0.08}$	$0.02^{+0.02+0.01}_{-0.02-0.00}$	$0.2^{+1.8+0.1}_{-0.1-0.1}$	0