

Bin	$H_T^{\text{miss}}$ [GeV]	$H_T$ [GeV]	$N_{\text{jet}}$	$N_{b\text{-jet}}$	Lost-e/ $\mu$	$\tau \rightarrow \text{had}$	$Z \rightarrow \nu\bar{\nu}$	QCD	Total pred.	Obs.
71	300-350	300-500	5-6	0	$217^{+11+22}_{-11-22}$	$166^{+6+27}_{-6-27}$	$489^{+12+42}_{-12-39}$	$49^{+5+21}_{-5-19}$	$922^{+21+58}_{-21-56}$	1015
72	300-350	500-1000	5-6	0	$397^{+13+37}_{-13-37}$	$403^{+9+36}_{-9-36}$	$772^{+16+61}_{-15-57}$	$113^{+4+47}_{-4-43}$	$1686^{+27+93}_{-27-88}$	1673
73	300-350	>1000	5-6	0	$49.6^{+4.5+5.4}_{-4.5-5.4}$	$55.1^{+3.8+8.3}_{-3.8-8.3}$	$100.0^{+6.4+8.2}_{-6.0-7.1}$	$49^{+1+21}_{-1-19}$	$254^{+11+24}_{-10-22}$	226
74	350-500	350-500	5-6	0	$71^{+7+11}_{-6-11}$	$47^{+3+16}_{-3-16}$	$242^{+9+20}_{-9-19}$	$12.7^{+2.3+5.3}_{-2.3-4.8}$	$372^{+13+29}_{-13-28}$	464
75	350-500	500-1000	5-6	0	$384^{+12+33}_{-12-33}$	$412^{+11+32}_{-11-32}$	$1110^{+19+84}_{-19-78}$	$65^{+2+27}_{-2-25}$	$1971^{+30+99}_{-29-93}$	2018
76	350-500	>1000	5-6	0	$76.9^{+6.4+8.9}_{-6.4-8.9}$	$72.4^{+4.8+9.3}_{-4.8-9.3}$	$170^{+8+14}_{-8-12}$	$28^{+1+12}_{-1-11}$	$347^{+14+22}_{-14-21}$	320
77	500-750	500-1000	5-6	0	$66.7^{+5.1+7.3}_{-5.0-7.3}$	$70.1^{+4.3+6.1}_{-4.2-6.0}$	$302^{+10+23}_{-10-22}$	$3.2^{+0.1+1.3}_{-0.1-1.2}$	$442^{+14+25}_{-14-24}$	460
78	500-750	>1000	5-6	0	$23.9^{+2.9+4.5}_{-2.9-4.5}$	$31.2^{+3.1+4.0}_{-3.1-4.0}$	$123.5^{+7.3+9.4}_{-6.9-8.9}$	$2.5^{+0.1+1.1}_{-0.1-1.0}$	$181^{+10+11}_{-9-11}$	170
79	>750	750-1500	5-6	0	$4.0^{+1.2+0.7}_{-1.1-0.7}$	$4.90^{+0.89+0.52}_{-0.76-0.52}$	$52.2^{+4.6+7.5}_{-4.2-6.8}$	$0.23^{+0.04+0.10}_{-0.04-0.09}$	$61.3^{+5.0+7.5}_{-4.6-6.9}$	74
80	>750	>1500	5-6	0	$0.90^{+0.61+0.19}_{-0.45-0.19}$	$1.46^{+0.67+0.16}_{-0.49-0.16}$	$16.5^{+2.9+2.7}_{-2.5-2.5}$	$0.25^{+0.06+0.11}_{-0.06-0.10}$	$19.1^{+3.2+2.7}_{-2.7-2.5}$	19
81	300-350	300-500	5-6	1	$130^{+8+11}_{-8-11}$	$131^{+6+17}_{-6-17}$	$133^{+3+19}_{-3-19}$	$12.8^{+2.8+5.2}_{-2.8-4.9}$	$407^{+15+29}_{-15-28}$	450
82	300-350	500-1000	5-6	1	$290^{+11+25}_{-11-25}$	$302^{+8+25}_{-8-25}$	$218^{+4+31}_{-4-30}$	$41^{+4+17}_{-4-16}$	$851^{+20+50}_{-20-49}$	781
83	300-350	>1000	5-6	1	$25.8^{+3.4+2.5}_{-3.4-2.5}$	$31.6^{+2.9+5.9}_{-2.9-5.9}$	$29.0^{+1.8+4.1}_{-1.7-4.0}$	$18.4^{+0.8+7.5}_{-0.8-7.1}$	$105^{+7+11}_{-6-10}$	100
84	350-500	350-500	5-6	1	$45.4^{+5.5+5.4}_{-5.4-5.4}$	$32^{+3+11}_{-3-11}$	$65.1^{+2.4+9.3}_{-2.3-9.1}$	$3.7^{+0.5+1.5}_{-0.5-1.4}$	$146^{+9+16}_{-8-16}$	160
85	350-500	500-1000	5-6	1	$228^{+10+20}_{-10-20}$	$269^{+8+21}_{-8-21}$	$310^{+5+43}_{-5-42}$	$28^{+3+11}_{-3-11}$	$834^{+19+53}_{-19-52}$	801
86	350-500	>1000	5-6	1	$40.5^{+5.5+4.2}_{-5.4-4.2}$	$36.0^{+3.3+4.3}_{-3.3-4.2}$	$49.4^{+2.3+7.0}_{-2.2-6.7}$	$11.9^{+0.7+4.8}_{-0.7-4.5}$	$138^{+9+10}_{-9-10}$	138
87	500-750	500-1000	5-6	1	$23.4^{+3.5+2.6}_{-3.4-2.6}$	$32.1^{+2.8+3.3}_{-2.8-3.3}$	$84^{+3+12}_{-3-12}$	$1.45^{+0.11+0.59}_{-0.11-0.55}$	$141^{+7+13}_{-7-12}$	135
88	500-750	>1000	5-6	1	$8.5^{+1.8+1.1}_{-1.7-1.1}$	$13.0^{+1.8+1.5}_{-1.7-1.5}$	$35.3^{+2.1+4.9}_{-2.0-4.8}$	$1.33^{+0.17+0.54}_{-0.17-0.51}$	$58.0^{+4.1+5.3}_{-3.9-5.2}$	49
89	>750	750-1500	5-6	1	$3.7^{+1.4+0.7}_{-1.2-0.7}$	$2.9^{+1.0+0.4}_{-0.9-0.4}$	$14.9^{+1.3+2.8}_{-1.2-2.6}$	$0.07^{+0.01+0.03}_{-0.01-0.03}$	$21.6^{+2.8+2.9}_{-2.5-2.7}$	16
90	>750	>1500	5-6	1	$1.06^{+0.74+0.26}_{-0.56-0.26}$	$1.16^{+0.73+0.18}_{-0.57-0.18}$	$4.79^{+0.85+0.96}_{-0.73-0.92}$	$0.16^{+0.07+0.07}_{-0.07-0.06}$	$7.2^{+1.7+1.0}_{-1.3-1.0}$	6
91	300-350	300-500	5-6	2	$60.1^{+7.1+6.0}_{-7.0-6.0}$	$50.2^{+3.3+4.9}_{-3.3-4.9}$	$23.8^{+0.6+7.1}_{-0.6-7.1}$	$2.9^{+0.9+1.1}_{-0.9-1.1}$	$137^{+10+11}_{-10-11}$	143
92	300-350	500-1000	5-6	2	$137^{+9+13}_{-9-13}$	$160^{+6+14}_{-6-14}$	$39^{+11+12}_{-11-11}$	$11.8^{+1.8+4.6}_{-1.8-4.5}$	$347^{+15+22}_{-15-22}$	332
93	300-350	>1000	5-6	2	$16.9^{+3.8+2.0}_{-3.7-2.0}$	$15.9^{+2.1+2.1}_{-2.1-2.1}$	$5.1^{+0.3+1.5}_{-0.3-1.5}$	$5.6^{+0.4+2.2}_{-0.4-2.2}$	$43.5^{+5.9+3.9}_{-5.8-3.9}$	36
94	350-500	350-500	5-6	2	$13.3^{+3.1+1.9}_{-2.9-1.9}$	$7.0^{+1.1+2.3}_{-1.0-2.3}$	$11.7^{+0.4+3.5}_{-0.4-3.5}$	$1.02^{+0.54+0.40}_{-0.54-0.39}$	$32.9^{+4.3+4.6}_{-4.0-4.6}$	28
95	350-500	500-1000	5-6	2	$107.5^{+7.6+9.6}_{-7.6-9.6}$	$121.2^{+5.8+9.9}_{-5.8-9.9}$	$55^{+1+16}_{-1-16}$	$5.9^{+1.0+2.3}_{-1.0-2.2}$	$290^{+14+22}_{-13-21}$	288
96	350-500	>1000	5-6	2	$14.2^{+2.8+1.8}_{-2.7-1.8}$	$15.7^{+2.2+2.0}_{-2.1-2.0}$	$8.7^{+0.4+2.6}_{-0.4-2.6}$	$3.2^{+0.1+1.2}_{-0.1-1.2}$	$41.8^{+5.0+4.0}_{-4.8-3.9}$	44
97	500-750	500-1000	5-6	2	$8.4^{+2.3+1.1}_{-2.2-1.1}$	$8.3^{+1.3+1.0}_{-1.2-1.0}$	$15.0^{+0.5+4.4}_{-0.5-4.4}$	$0.34^{+0.05+0.13}_{-0.05-0.13}$	$32.1^{+3.7+4.7}_{-3.4-4.7}$	35
98	500-750	>1000	5-6	2	$2.1^{+1.3+0.3}_{-1.0-0.3}$	$4.0^{+1.1+0.6}_{-1.0-0.6}$	$6.2^{+0.4+1.9}_{-0.3-1.8}$	$0.16^{+0.05+0.06}_{-0.05-0.06}$	$12.5^{+2.4+2.0}_{-2.0-2.0}$	18
99	>750	750-1500	5-6	2	$0.74^{+0.87+0.22}_{-0.53-0.22}$	$0.68^{+0.64+0.16}_{-0.45-0.16}$	$2.64^{+0.23+0.85}_{-0.21-0.83}$	$0.05^{+0.05+0.02}_{-0.05-0.00}$	$4.1^{+1.5+0.9}_{-1.0-0.9}$	8
100	>750	>1500	5-6	2	$0.77^{+0.65+0.24}_{-0.45-0.24}$	$1.07^{+0.72+0.33}_{-0.56-0.33}$	$0.84^{+0.15+0.28}_{-0.13-0.27}$	$0.03^{+0.03+0.01}_{-0.03-0.00}$	$2.7^{+1.4+0.5}_{-1.0-0.5}$	3
101	300-350	300-500	5-6	$\geq 3$	$2.8^{+1.5+0.3}_{-1.2-0.3}$	$5.1^{+1.0+0.8}_{-0.9-0.8}$	$2.0^{+0+1.1}_{-0-1.1}$	$0.50^{+0.37+0.57}_{-0.37-0.13}$	$10.4^{+2.5+1.5}_{-2.1-1.4}$	18
102	300-350	500-1000	5-6	$\geq 3$	$17.0^{+3.2+1.6}_{-3.1-1.6}$	$23.5^{+2.4+3.2}_{-2.3-3.2}$	$4.2^{+0.1+2.3}_{-0.1-2.3}$	$3.9^{+2.3+4.5}_{-2.3-1.6}$	$48.7^{+6.0+6.2}_{-5.9-4.5}$	44
103	300-350	>1000	5-6	$\geq 3$	$4.4^{+2.1+0.6}_{-1.8-0.6}$	$2.50^{+0.86+0.47}_{-0.73-0.47}$	$0.65^{+0.04+0.35}_{-0.04-0.35}$	$3.3^{+0.4+3.7}_{-0.4-2.8}$	$10.8^{+3.0+3.8}_{-2.6-3.0}$	6
104	350-500	350-500	5-6	$\geq 3$	$0.8^{+1.7+0.2}_{-0.8-0.2}$	$1.14^{+0.75+0.33}_{-0.59-0.33}$	$0.87^{+0.03+0.47}_{-0.03-0.47}$	$0.18^{+0.08+0.21}_{-0.08-0.10}$	$3.0^{+2.4+0.6}_{-1.4-0.6}$	4
105	350-500	500-1000	5-6	$\geq 3$	$15.2^{+2.6+1.5}_{-2.6-1.5}$	$17.6^{+2.2+2.7}_{-2.1-2.7}$	$5.7^{+0.1+3.1}_{-0.1-3.1}$	$1.7^{+0.1+1.9}_{-0.1-1.6}$	$40.2^{+4.8+4.8}_{-4.7-4.6}$	34
106	350-500	>1000	5-6	$\geq 3$	$1.9^{+1.1+0.3}_{-0.8-0.3}$	$3.8^{+1.1+0.7}_{-1.0-0.7}$	$1.14^{+0.05+0.62}_{-0.05-0.62}$	$2.4^{+0.3+2.7}_{-0.3-2.1}$	$9.2^{+2.2+2.8}_{-1.9-2.3}$	8
107	500-750	500-1000	5-6	$\geq 3$	$1.8^{+1.1+0.3}_{-0.8-0.3}$	$1.71^{+0.77+0.67}_{-0.61-0.67}$	$1.48^{+0.05+0.81}_{-0.05-0.80}$	$0.20^{+0.04+0.23}_{-0.04-0.17}$	$5.2^{+1.8+1.1}_{-1.5-1.1}$	4
108	500-750	>1000	5-6	$\geq 3$	$1.13^{+0.96+0.25}_{-0.66-0.25}$	$0.94^{+0.67+0.27}_{-0.49-0.27}$	$0.73^{+0.04+0.40}_{-0.04-0.40}$	$0.11^{+0.03+0.12}_{-0.03-0.08}$	$2.9^{+1.6+0.6}_{-1.1-0.6}$	2
109	>750	750-1500	5-6	$\geq 3$	$0.00^{+0.72+0.00}_{-0.00-0.00}$	$0.07^{+0.46+0.04}_{-0.06-0.04}$	$0.31^{+0.03+0.17}_{-0.03-0.17}$	$0.02^{+0.04+0.03}_{-0.02-0.00}$	$0.4^{+1.2+0.2}_{-0.1-0.2}$	0
110	>750	>1500	5-6	$\geq 3$	$0.00^{+0.63+0.00}_{-0.00-0.00}$	$0.03^{+0.46+0.01}_{-0.02-0.01}$	$0.11^{+0.02+0.06}_{-0.02-0.06}$	$0.00^{+0.02+0.01}_{-0.00-0.00}$	$0.1^{+1.1+0.1}_{-0.0-0.1}$	1