

Bin	$H_{\text{miss}}^{\text{T}} [\text{GeV}]$	$H_{\text{T}} [\text{GeV}]$	N_{jet}	$N_{\text{b-jet}}$	Lost-e/ μ	$\tau \rightarrow \text{had}$	$Z \rightarrow \nu\bar{\nu}$	QCD	Total pred.	Obs.
1	300-350	300-500	2	0	$4069^{+67+320}_{-67-320}$	$2744^{+37+510}_{-37-510}$	$13231^{+66+760}_{-66-760}$	$326^{+12+170}_{-12-170}$	$20370^{+120+980}_{-120-960}$	21626
2	300-350	500-1000	2	0	326^{+22+36}_{-22-36}	226^{+11+43}_{-11-42}	944^{+18+55}_{-18-54}	45^{+2+24}_{-2-17}	1541^{+37+82}_{-37-79}	1583
3	300-350	>1000	2	0	$15.2^{+5.8+2.3}_{-5.1-2.3}$	$8.7^{+2.1+2.1}_{-2.0-2.1}$	$50.9^{+4.5+4.4}_{-4.1-3.8}$	$1.57^{+0.16+0.84}_{-0.16-0.61}$	$76.3^{+9.1+5.5}_{-8.2-5.0}$	102
4	350-500	350-500	2	0	$2049^{+46+160}_{-46-160}$	$1553^{+27+290}_{-27-290}$	$9347^{+57+540}_{-57-520}$	126^{+4+67}_{-4-48}	$13076^{+93+630}_{-93-620}$	14019
5	350-500	500-1000	2	0	631^{+25+54}_{-25-54}	439^{+14+84}_{-14-84}	$2502^{+30+150}_{-30-140}$	43^{+7+22}_{-7-16}	$3615^{+49+180}_{-49-170}$	3730
6	350-500	>1000	2	0	$13.5^{+4.9+1.9}_{-4.3-1.9}$	$13.4^{+2.4+2.6}_{-2.3-2.6}$	$94.0^{+6.2+7.9}_{-5.8-6.9}$	$1.30^{+0.06+0.68}_{-0.06-0.49}$	$122.1^{+9.5+8.6}_{-8.8-7.6}$	139
7	500-750	500-1000	2	0	303^{+17+29}_{-17-29}	247^{+10+48}_{-10-47}	$2328^{+30+170}_{-29-160}$	$4.5^{+0.1+2.4}_{-0.1-1.7}$	$2883^{+40+180}_{-40-170}$	3018
8	500-750	>1000	2	0	$5.8^{+2.7+1.5}_{-2.2-1.5}$	$5.3^{+1.4+1.3}_{-1.3-1.3}$	$66.2^{+5.4+5.3}_{-5.0-5.1}$	$0.03^{+0.02+0.02}_{-0.02-0.01}$	$77.3^{+6.8+5.7}_{-6.1-5.4}$	96
9	>750	750-1500	2	0	$17.3^{+4.5+3.0}_{-4.1-3.0}$	$17.4^{+2.5+4.5}_{-2.4-4.5}$	295^{+11+41}_{-11-38}	$0.35^{+0.06+0.18}_{-0.06-0.13}$	330^{+13+42}_{-12-38}	272
10	>750	>1500	2	0	$0.0^{+1.8+0.0}_{-0.0-0.0}$	$0.38^{+0.54+0.09}_{-0.29-0.09}$	$12.6^{+3.0+2.1}_{-2.4-1.9}$	$0.01^{+0.01+0.00}_{-0.01-0.00}$	$13.0^{+3.8+2.1}_{-2.5-1.9}$	12
11	300-350	300-500	2	1	370^{+21+31}_{-21-31}	288^{+11+63}_{-11-63}	1361^{+7+140}_{-7-140}	44^{+6+25}_{-6-17}	$2063^{+33+160}_{-33-160}$	1904
12	300-350	500-1000	2	1	51^{+10+7}_{-10-7}	$31.6^{+4.2+7.2}_{-4.2-7.2}$	97^{+2+10}_{-2-10}	$6.7^{+2.7+3.7}_{-2.7-2.5}$	186^{+15+15}_{-14-14}	186
13	300-350	>1000	2	1	$1.1^{+2.3+0.2}_{-1.1-0.0}$	$2.0^{+1.1+0.5}_{-1.0-0.5}$	$5.23^{+0.46+0.63}_{-0.42-0.59}$	$0.33^{+0.02+0.18}_{-0.02-0.13}$	$8.7^{+3.4+0.9}_{-2.1-0.8}$	13
14	350-500	350-500	2	1	215^{+16+19}_{-16-19}	179^{+9+39}_{-9-39}	962^{+6+99}_{-6-98}	20^{+2+11}_{-2-8}	$1376^{+26+110}_{-26-110}$	1212
15	350-500	500-1000	2	1	$69.8^{+9.9+7.5}_{-9.8-7.5}$	$43.3^{+4.4+9.7}_{-4.4-9.6}$	257^{+3+27}_{-3-26}	$8.5^{+3.0+4.8}_{-3.0-3.2}$	379^{+15+30}_{-15-29}	409
16	350-500	>1000	2	1	$3.7^{+2.5+0.7}_{-1.9-0.7}$	$3.1^{+1.1+0.9}_{-1.0-0.9}$	$9.7^{+0.6+1.2}_{-0.6-1.1}$	$0.13^{+0.04+0.07}_{-0.04-0.05}$	$16.6^{+3.7+1.6}_{-3.0-1.6}$	27
17	500-750	500-1000	2	1	$28.9^{+5.8+3.3}_{-5.6-3.3}$	$26.0^{+2.9+5.8}_{-2.9-5.8}$	240^{+3+27}_{-3-26}	$1.48^{+0.18+0.83}_{-0.18-0.56}$	296^{+9+28}_{-9-27}	321
18	500-750	>1000	2	1	$5.1^{+6.2+1.6}_{-4.1-1.6}$	$0.36^{+0.55+0.12}_{-0.30-0.12}$	$6.81^{+0.56+0.80}_{-0.52-0.78}$	$0.03^{+0.03+0.02}_{-0.03-0.00}$	$12.3^{+6.8+1.8}_{-4.5-1.7}$	14
19	>750	750-1500	2	1	$3.8^{+2.2+0.8}_{-1.7-0.8}$	$4.1^{+1.5+1.1}_{-1.4-1.1}$	$30.4^{+1.1+5.0}_{-1.1-4.7}$	$0.10^{+0.03+0.06}_{-0.03-0.04}$	$38.4^{+3.9+5.1}_{-3.3-4.8}$	31
20	>750	>1500	2	1	$0.0^{+1.4+0.0}_{-0.0-0.0}$	$0.34^{+0.51+0.13}_{-0.22-0.13}$	$1.29^{+0.31+0.24}_{-0.25-0.23}$	$0.00^{+0.01+0.00}_{-0.00-0.00}$	$1.6^{+2.0+0.3}_{-0.3-0.3}$	1
21	300-350	300-500	2	2	$14.1^{+4.5+2.6}_{-4.0-2.6}$	$12.9^{+2.3+2.8}_{-2.2-2.8}$	49^{+0+17}_{-0-17}	$3.0^{+0.8+3.6}_{-0.8-2.1}$	79^{+7+18}_{-6-18}	122
22	300-350	500-1000	2	2	$2.8^{+2.4+0.9}_{-1.7-0.9}$	$2.0^{+1.1+1.0}_{-0.9-1.0}$	$3.5^{+0.1+1.2}_{-0.1-1.2}$	$0.57^{+0.17+0.69}_{-0.17-0.40}$	$8.9^{+3.5+2.0}_{-2.6-1.9}$	11
23	300-350	>1000	2	2	$0.0^{+2.2+0.0}_{-0.0-0.0}$	$0.00^{+0.46+0.00}_{-0.00-0.00}$	$0.19^{+0.02+0.07}_{-0.01-0.07}$	$0.03^{+0.01+0.04}_{-0.01-0.02}$	$0.2^{+2.6+0.1}_{-0.0-0.1}$	0
24	350-500	350-500	2	2	$11.4^{+4.5+2.5}_{-3.9-2.5}$	$6.3^{+1.7+2.1}_{-1.6-2.1}$	35^{+0+12}_{-0-12}	$1.0^{+0.5+1.2}_{-0.5-0.6}$	53^{+6+13}_{-6-13}	84
25	350-500	500-1000	2	2	$6.1^{+2.9+1.5}_{-2.4-1.5}$	$2.9^{+1.2+0.8}_{-1.1-0.8}$	$9.3^{+0.1+3.3}_{-0.1-3.3}$	$0.44^{+0.05+0.52}_{-0.05-0.39}$	$18.7^{+4.1+3.8}_{-3.5-3.7}$	23
26	350-500	>1000	2	2	$0.0^{+1.1+0.0}_{-0.0-0.0}$	$0.00^{+0.46+0.00}_{-0.00-0.00}$	$0.35^{+0.02+0.13}_{-0.02-0.13}$	$0.06^{+0.04+0.08}_{-0.04-0.02}$	$0.4^{+1.5+0.1}_{-0.0-0.1}$	2
27	500-750	500-1000	2	2	$1.4^{+2.9+0.4}_{-1.4-0.0}$	$2.03^{+0.84+0.61}_{-0.70-0.61}$	$8.6^{+0.1+3.1}_{-0.1-3.1}$	$0.03^{+0.01+0.04}_{-0.01-0.03}$	$12.1^{+3.7+3.2}_{-2.1-3.2}$	16
28	500-750	>1000	2	2	$0.0^{+2.2+0.0}_{-0.0-0.0}$	$0.00^{+0.46+0.00}_{-0.00-0.00}$	$0.24^{+0.02+0.09}_{-0.02-0.09}$	$0.00^{+0.01+0.00}_{-0.00-0.00}$	$0.2^{+2.7+0.1}_{-0.0-0.1}$	0
29	>750	750-1500	2	2	$0.0^{+1.6+0.0}_{-0.0-0.0}$	$0.07^{+0.46+0.07}_{-0.04-0.06}$	$1.09^{+0.04+0.41}_{-0.04-0.41}$	$0.01^{+0.01+0.01}_{-0.01-0.00}$	$1.2^{+2.1+0.4}_{-0.1-0.4}$	4
30	>750	>1500	2	2	$0.0^{+2.0+0.0}_{-0.0-0.0}$	$0.00^{+0.46+0.00}_{-0.00-0.00}$	$0.05^{+0.01+0.02}_{-0.01-0.02}$	$0.00^{+0.01+0.00}_{-0.00-0.00}$	$0.0^{+2.5+0.0}_{-0.0-0.0}$	0