

Bin	H_T^{miss} [GeV]	H_T [GeV]	N_{jet}	$N_{b\text{-jet}}$	$\text{Lost-}e/\mu$	$\tau \rightarrow \text{had}$	$Z \rightarrow \nu\bar{\nu}$	QCD	Total Pred.	Obs.
41	300-350	300-500	5-6	0	$62.00^{+5.23+8.23}_{-5.18-7.98}$	$59.06^{+4.03+9.85}_{-7.76-14.55}$	$186.44^{+7.76+17.83}_{-7.76-14.55}$	$8.88^{+1.97+12.30}_{-1.64-7.24}$	$316.37^{+12.24+25.20}_{-12.14-20.58}$	334
42	300-350	500-1000	5-6	0	$145.23^{+7.66+18.36}_{-7.64-17.56}$	$139.24^{+5.67+13.42}_{-5.65-13.08}$	$254.04^{+8.95+23.03}_{-8.95-23.03}$	$28.21^{+1.40+21.54}_{-1.33-21.54}$	$566.71^{+16.11+38.39}_{-16.08-35.72}$	603
43	300-350	1000+	5-6	0	$23.01^{+3.94+2.86}_{-3.90-2.76}$	$23.19^{+2.65+5.00}_{-2.60-4.97}$	$34.00^{+3.26+4.89}_{-3.26-3.82}$	$23.46^{+0.82+10.43}_{-0.79-10.43}$	$103.66^{+7.39+12.84}_{-7.32-12.48}$	93
44	350-500	350-500	5-6	0	$19.03^{+3.30+2.86}_{-3.19-2.71}$	$15.49^{+1.95+6.91}_{-1.86-6.88}$	$74.07^{+4.72+7.50}_{-4.72-7.50}$	$1.96^{+0.89+2.99}_{-0.89-2.99}$	$110.55^{+7.12+10.95}_{-7.12-10.95}$	163
45	350-500	500-1000	5-6	0	$123.47^{+6.40+15.70}_{-6.38-15.13}$	$133.89^{+6.09+12.76}_{-6.07-12.43}$	$374.76^{+11.40+32.49}_{-11.40-25.01}$	$12.22^{+0.86+10.60}_{-0.80-10.60}$	$644.34^{+16.94+39.39}_{-16.91-33.49}$	734
46	350-500	1000+	5-6	0	$27.31^{+3.50+3.71}_{-3.47-3.58}$	$22.83^{+2.64+3.10}_{-2.60-3.03}$	$63.09^{+4.72+8.89}_{-4.72-6.86}$	$15.92^{+6.62+7.80}_{-0.59-7.80}$	$129.14^{+7.77+12.72}_{-7.71-11.40}$	121
47	500-750	500-1000	5-6	0	$23.61^{+2.93+3.28}_{-2.89-3.17}$	$24.77^{+2.61+3.32}_{-2.57-3.27}$	$110.82^{+6.38+9.69}_{-6.38-7.20}$	$1.03^{+0.42+1.31}_{-0.31-1.72}$	$160.22^{+8.46+10.78}_{-8.40-8.55}$	149
48	500-750	1000+	5-6	0	$6.57^{+1.48+1.61}_{-1.41-1.48}$	$9.53^{+1.65+1.24}_{-1.59-1.22}$	$41.07^{+4.05+5.88}_{-4.05-4.52}$	$2.28^{+0.21+1.61}_{-0.19-1.61}$	$60.25^{+5.12+6.39}_{-5.04-5.17}$	76
49	750+	750-1500	5-6	0	$1.43^{+0.75+0.28}_{-0.59-0.27}$	$1.73^{+0.66+0.29}_{-0.47-0.28}$	$20.07^{+2.78+3.56}_{-2.78-4.23}$	$0.00^{+0.18+0.00}_{-0.00-0.00}$	$23.25^{+3.12+3.58}_{-2.98-2.46}$	32
50	750+	1500+	5-6	0	$1.23^{+0.71+0.40}_{-0.56-0.40}$	$0.90^{+0.64+0.41}_{-0.44-0.41}$	$5.26^{+1.46+1.23}_{-1.46-0.96}$	$0.15^{+0.05+0.11}_{-0.04-0.11}$	$7.54^{+1.99+1.36}_{-1.77-1.12}$	4
51	300-350	300-500	5-6	1	$53.72^{+5.79+6.57}_{-5.74-6.38}$	$45.62^{+3.41+4.23}_{-3.62-4.11}$	$49.28^{+6.62+6.14}_{-6.62-5.10}$	$2.78^{+1.88+3.48}_{-1.88-3.48}$	$151.39^{+11.49+70.70}_{-14.4-9.50}$	164
52	300-350	500-1000	5-6	1	$95.18^{+6.35+12.20}_{-6.32-11.76}$	$100.56^{+4.67+9.37}_{-4.65-9.11}$	$69.15^{+9.17+8.35}_{-9.17-7.43}$	$13.76^{+0.97+10.53}_{-0.91-10.53}$	$278.65^{+14.37+20.05}_{-14.33-19.68}$	309
53	300-350	1000+	5-6	1	$14.74^{+2.91+1.83}_{-2.83-1.76}$	$17.77^{+2.36+2.15}_{-2.32-2.10}$	$9.48^{+1.51+1.56}_{-1.51-1.31}$	$11.81^{+0.59+5.25}_{-0.56-5.25}$	$53.79^{+5.52+6.13}_{-5.40-6.07}$	43
54	350-500	350-500	5-6	1	$12.47^{+2.66+1.78}_{-2.53-1.71}$	$13.67^{+2.27+2.13}_{-2.23-2.06}$	$19.39^{+2.77+2.50}_{-2.77-2.26}$	$0.48^{+0.59+0.78}_{-0.30-1.18}$	$46.01^{+5.69+3.75}_{-5.51-3.51}$	58
55	350-500	500-1000	5-6	1	$75.40^{+5.55+10.59}_{-5.52-10.28}$	$83.23^{+4.61+7.57}_{-4.58-7.34}$	$101.33^{+13.31+11.94}_{-13.31-10.55}$	$4.67^{+0.52+4.06}_{-0.47-4.06}$	$264.63^{+16.75+17.85}_{-16.72-16.95}$	293
56	350-500	1000+	5-6	1	$13.44^{+2.46+1.79}_{-2.38-1.73}$	$15.81^{+2.22+1.86}_{-2.17-1.80}$	$17.51^{+2.59+2.84}_{-2.59-2.36}$	$6.45^{+0.37+3.02}_{-0.35-3.02}$	$53.21^{+5.36+4.84}_{-5.25-4.58}$	52
57	500-750	500-1000	5-6	1	$8.26^{+1.72+1.20}_{-1.62-1.25}$	$8.90^{+1.34+1.08}_{-1.32-1.06}$	$30.14^{+4.22+3.57}_{-4.22-3.10}$	$0.21^{+0.26+0.35}_{-0.26-0.38}$	$47.51^{+5.22+3.92}_{-5.36-3.48}$	54
58	500-750	1000+	5-6	1	$6.49^{+2.65+1.05}_{-1.97-1.02}$	$5.28^{+2.12+0.80}_{-1.13-0.79}$	$11.59^{+1.87+1.87}_{-1.86-1.56}$	$0.94^{+0.14+0.67}_{-0.12-0.67}$	$24.30^{+3.67+3.13}_{-3.61-2.13}$	26
59	750+	750-1500	5-6	1	$1.26^{+0.76+0.33}_{-0.57-0.32}$	$1.20^{+0.73+0.29}_{-0.57-0.29}$	$5.33^{+1.01+1.04}_{-1.01-0.77}$	$0.27^{+0.28+0.28}_{-0.15-1.12}$	$8.07^{+1.82+1.16}_{-1.52-0.89}$	6
60	750+	1500+	5-6	1	$0.53^{+0.71+0.53}_{-0.53-0.00}$	$0.55^{+0.55+0.56}_{-0.31-0.25}$	$1.44^{+0.44+0.35}_{-0.44-0.29}$	$0.18^{+0.08+0.15}_{-0.06-0.12}$	$2.70^{+1.34+0.46}_{-0.95-0.40}$	0
61	300-350	300-500	5-6	2	$21.60^{+4.45+3.05}_{-4.37-2.93}$	$19.74^{+2.12+3.10}_{-2.07-3.10}$	$9.43^{+2.53+1.49}_{-2.53-1.40}$	$0.00^{+0.56+0.00}_{-0.00-0.00}$	$50.76^{+7.06+4.50}_{-6.92-4.47}$	54
62	300-350	500-1000	5-6	2	$55.59^{+5.87+8.84}_{-5.83-8.71}$	$59.73^{+3.69+6.97}_{-3.66-6.85}$	$13.51^{+3.62+2.10}_{-3.62-1.96}$	$2.69^{+0.47+2.13}_{-0.40-2.13}$	$131.52^{+10.23+11.47}_{-10.16-11.45}$	133
63	300-350	1000+	5-6	2	$8.18^{+2.60+1.14}_{-2.52-1.10}$	$5.20^{+1.21+1.45}_{-1.12-1.45}$	$1.88^{+0.53+0.36}_{-0.53-0.32}$	$3.24^{+0.32+1.44}_{-0.29-1.44}$	$18.50^{+3.87+2.35}_{-3.69-2.34}$	4
64	350-500	350-500	5-6	2	$9.14^{+2.93+1.80}_{-2.68-1.77}$	$4.88^{+1.27+1.53}_{-1.13-1.52}$	$3.68^{+1.00+0.66}_{-1.00-0.56}$	$0.41^{+0.57+0.31}_{-0.22-0.14}$	$18.11^{+4.31+2.47}_{-3.95-2.40}$	11
65	350-500	500-1000	5-6	2	$37.37^{+5.33+4.93}_{-5.29-4.80}$	$46.48^{+3.70+5.45}_{-3.68-5.34}$	$19.71^{+5.26+3.01}_{-5.26-2.81}$	$1.69^{+0.33+1.49}_{-0.28-1.41}$	$105.25^{+10.46+7.93}_{-10.40-7.84}$	97
66	350-500	1000+	5-6	2	$4.75^{+1.66+0.61}_{-1.53-0.59}$	$7.37^{+1.60+1.09}_{-1.53-1.07}$	$3.47^{+0.96+0.66}_{-0.96-0.58}$	$1.47^{+0.19+0.70}_{-0.17-0.70}$	$17.05^{+3.40+1.55}_{-3.21-1.52}$	14
67	500-750	500-1000	5-6	2	$2.48^{+1.37+0.65}_{-1.02-0.65}$	$3.46^{+1.02+0.66}_{-0.91-0.65}$	$5.89^{+1.60+0.90}_{-1.60-0.83}$	$0.24^{+0.26+0.31}_{-0.14-1.10}$	$12.07^{+2.89+1.32}_{-2.52-1.24}$	9
68	500-750	1000+	5-6	2	$2.04^{+1.20+0.39}_{-0.99-0.37}$	$2.18^{+0.84+0.43}_{-0.71-0.42}$	$2.29^{+0.65+0.43}_{-0.65-0.38}$	$0.21^{+0.09+0.16}_{-0.06-0.15}$	$6.72^{+2.14+0.73}_{-1.82-0.70}$	9
69	750+	750-1500	5-6	2	$0.00^{+0.57+0.00}_{-0.00-0.00}$	$0.47^{+0.57+0.16}_{-0.33-0.14}$	$1.02^{+0.31+0.22}_{-0.31-0.18}$	$0.02^{+0.19+0.06}_{-0.02-0.00}$	$1.51^{+1.19+0.27}_{-0.45-0.23}$	4
70	750+	1500+	5-6	2	$0.00^{+0.49+0.00}_{-0.00-0.00}$	$0.04^{+0.46+0.02}_{-0.02-0.01}$	$0.28^{+0.11+0.07}_{-0.11-0.06}$	$0.00^{+0.02+0.00}_{-0.00-0.00}$	$0.32^{+0.96+0.08}_{-0.31-0.06}$	1
71	300-350	300-500	5-6	3+	$0.36^{+0.96+0.05}_{-0.36-0.00}$	$2.52^{+0.78+0.44}_{-0.78-0.44}$	$0.38^{+0.38+0.09}_{-0.38-0.00}$	$0.15^{+0.64+0.26}_{-0.15-0.00}$	$3.41^{+2.01+0.52}_{-1.21-0.44}$	11
72	300-350	500-1000	5-6	3+	$9.26^{+2.49+1.66}_{-2.40-1.22}$	$9.71^{+1.66+1.60}_{-1.59-1.57}$	$0.98^{+0.98+0.23}_{-0.98-0.00}$	$1.53^{+0.60+1.50}_{-0.45-1.08}$	$21.47^{+4.31+2.50}_{-4.13-2.26}$	13
73	300-350	1000+	5-6	3+	$0.39^{+0.77+0.07}_{-0.39-0.00}$	$1.35^{+0.70+0.39}_{-0.53-0.39}$	$0.18^{+0.18+0.05}_{-0.18-0.00}$	$0.57^{+0.19+0.33}_{-0.15-0.33}$	$2.49^{+1.50+0.51}_{-0.95-0.51}$	4
74	350-500	350-500	5-6	3+	$0.54^{+1.35+0.12}_{-0.54-0.00}$	$0.31^{+0.48+0.09}_{-0.15-0.09}$	$0.11^{+0.11+0.03}_{-0.11-0.00}$	$0.00^{+0.40+0.00}_{-0.00-0.00}$	$0.96^{+1.88+0.10}_{-0.70-0.09}$	1
75	350-500	500-1000	5-6	3+	$4.57^{+1.56+0.57}_{-1.42-0.55}$	$6.76^{+1.22+1.13}_{-1.13-1.11}$	$1.29^{+1.29+0.30}_{-1.29-0.00}$	$0.31^{+0.17+0.29}_{-0.12-0.19}$	$12.93^{+3.07+1.31}_{-2.85-1.25}$	13
76	350-500	1000+	5-6	3+	$0.86^{+0.95+0.13}_{-0.64-0.12}$	$2.16^{+0.99+0.44}_{-0.88-0.43}$	$0.32^{+0.32+0.08}_{-0.32-0.00}$	$1.35^{+0.34+1.10}_{-0.27-1.08}$	$4.69^{+1.99+1.19}_{-1.57-1.16}$	3
77	500-750	500-1000	5-6	3+	$0.00^{+0.89+0.00}_{-0.00-0.00}$	$0.30^{+0.48+0.08}_{-0.42-0.08}$	$0.42^{+0.42+0.10}_{-0.42-0.05}$	$0.05^{+0.20+0.00}_{-0.05-0.00}$	$0.77^{+1.44+0.15}_{-0.44-0.08}$	1
78	500-750	1000+	5-6	3+	$0.00^{+0.67+0.00}_{-0.00-0.00}$	$0.15^{+0.46+0.05}_{-0.06-0.05}$	$0.21^{+0.21+0.05}_{-0.21-0.00}$	$0.13^{+0.07+0.09}_{-0.05-0.08}$	$0.49^{+1.16+0.12}_{-0.22-0.10}$	2
79	750+	750-1500	5-6	3+	$0.31^{+0.67+0.19}_{-0.31-0.00}$	$0.00^{+0.46+0.00}_{-0.00-0.00}$	$0.05^{+0.05+0.01}_{-0.05-0.00}$	$0.00^{+0.18+0.00}_{-0.00-0.00}$	$0.36^{+1.15+0.01}_{-0.31-0.00}$	0
80	750+	1500+	5-6	3+	$0.00^{+0.58+0.00}_{-0.00-0.00}$	$0.00^{+0.46+0.00}_{-0.00-0.00}$	$0.02^{+0.02+0.01}_{-0.02-0.00}$	$0.00^{+0.02+0.00}_{-0.00-0.00}$	$0.02^{+1.04+0.01}_{-0.02-0.00}$	0