

$p_T^{\text{miss,corr}}$ [GeV]	$p_T(\ell_1)$ [GeV]	$t\bar{t}$	DY	VV	WZ	Rares	Nonprompt	Total bkg	Data
125–200	3.5–8	$1.4 \pm 1.2$	$6.1 \pm 3.8$	$1.0^{+1.2}_{-1.0}$	$1.4 \pm 1.1$	$0.05^{+0.25}_{-0.04}$	$44.0 \pm 6.9$	$53.9 \pm 8.1$	52
	8–12	$14.6 \pm 4.0$	$16.7 \pm 5.4$	$6.7 \pm 3.2$	$6.0 \pm 2.2$	$1.1 \pm 1.1$	$105 \pm 11$	$150 \pm 13$	156
	12–16	$29.6 \pm 5.6$	$20.6 \pm 6.2$	$13.6 \pm 4.5$	$7.3 \pm 2.5$	$2.5 \pm 1.6$	$112 \pm 11$	$186 \pm 15$	196
	16–20	$58.1 \pm 7.9$	$31.1 \pm 7.6$	$20 \pm 5.5$	$8.2 \pm 2.6$	$4.8 \pm 2.2$	$113 \pm 11$	$235 \pm 17$	238
	20–25	$97 \pm 10$	$23.9 \pm 6.6$	$33 \pm 7.1$	$7.7 \pm 2.5$	$8.4 \pm 2.9$	$108 \pm 11$	$278 \pm 18$	285
	25–30	$113 \pm 11$	$19.5 \pm 5.9$	$35.5 \pm 7.3$	$5.0 \pm 2.0$	$7.7 \pm 2.8$	$80.4 \pm 9.3$	$261 \pm 18$	246
200–290	3.5–8	$1.00 \pm 0.93$	$1.5 \pm 1.4$	$2.8 \pm 2.1$	$3.0 \pm 1.5$	$0.04^{+0.21}_{-0.03}$	$41.2 \pm 6.7$	$49.5 \pm 7.3$	53
	8–12	$9.9 \pm 3.1$	$1.3 \pm 1.3$	$7.5 \pm 3.4$	$5.5 \pm 2.0$	$0.45^{+0.67}_{-0.44}$	$103 \pm 11$	$128 \pm 12$	130
	12–16	$22.4 \pm 4.7$	$5.4 \pm 2.7$	$17.7 \pm 5.2$	$5.5 \pm 2.0$	$2.4 \pm 1.5$	$101 \pm 10$	$155 \pm 13$	153
	16–20	$40.7 \pm 6.3$	$11.7 \pm 4.2$	$25.6 \pm 6.3$	$5.4 \pm 2.0$	$1.8 \pm 1.3$	$90.5 \pm 9.9$	$176 \pm 14$	163
	20–25	$66.4 \pm 8.0$	$8.4 \pm 3.5$	$42.5 \pm 8.1$	$6.8 \pm 2.2$	$5.6 \pm 2.4$	$87.4 \pm 9.7$	$217 \pm 16$	220
	25–30	$67.9 \pm 8.1$	$10.9 \pm 4.0$	$48.3 \pm 8.6$	$6.0 \pm 2.1$	$9.7 \pm 3.1$	$76.3 \pm 9.1$	$219 \pm 16$	219
290–340	3.5–8	$< 0.02$	$0.58^{+0.77}_{-0.57}$	$0.41^{+0.80}_{-0.40}$	$0.26^{+0.43}_{-0.25}$	$< 0.05$	$2.9 \pm 1.8$	$4.2 \pm 2.1$	4
	8–12	$2.0 \pm 1.4$	$1.2^{+1.6}_{-1.1}$	$2.0 \pm 1.8$	$0.72 \pm 0.71$	$0.01^{+0.13}_{-0.01}$	$7.4 \pm 2.8$	$13.3 \pm 4.0$	15
	12–16	$3.6 \pm 1.9$	$0.48^{+0.70}_{-0.47}$	$3.6 \pm 2.3$	$0.61^{+0.66}_{-0.60}$	$0.9^{+1.0}_{-0.9}$	$7.1 \pm 2.8$	$16.2 \pm 4.3$	19
	16–20	$5.6 \pm 2.3$	$0.31^{+0.79}_{-0.30}$	$4.7 \pm 2.7$	$0.86 \pm 0.78$	$1.2 \pm 1.1$	$12.7 \pm 3.7$	$25.3 \pm 5.3$	23
	20–25	$8.2 \pm 2.8$	$0.7^{+1.1}_{-0.7}$	$7.9 \pm 3.5$	$1.20 \pm 0.92$	$0.9^{+1.0}_{-0.9}$	$11.0 \pm 3.4$	$30.0 \pm 5.9$	30
	25–30	$8.4 \pm 2.8$	$0.8^{+1.2}_{-0.8}$	$8.8 \pm 3.7$	$1.00 \pm 0.83$	$1.6 \pm 1.3$	$11.3 \pm 3.5$	$31.8 \pm 6.1$	38
> 340	3.5–8	$0.13^{+0.40}_{-0.12}$	$0.13^{+0.49}_{-0.12}$	$0.52^{+0.92}_{-0.51}$	$0.28^{+0.46}_{-0.27}$	$< 0.03$	$3.8 \pm 2.0$	$4.8 \pm 2.4$	7
	8–12	$1.8 \pm 1.4$	$0.19^{+0.56}_{-0.18}$	$1.6 \pm 1.6$	$0.74 \pm 0.74$	$0.02^{+0.12}_{-0.01}$	$8.2 \pm 3.0$	$12.5 \pm 3.7$	11
	12–16	$2.3 \pm 1.5$	$0.31^{+0.69}_{-0.30}$	$3.6 \pm 2.4$	$0.89 \pm 0.80$	$0.68^{+0.85}_{-0.67}$	$3.7 \pm 2.0$	$11.4 \pm 3.7$	14
	16–20	$3.8 \pm 2.0$	$0.8^{+1.1}_{-0.8}$	$4.9 \pm 2.8$	$0.85 \pm 0.79$	$1.0 \pm 1.0$	$5.4 \pm 2.4$	$16.8 \pm 4.5$	11
	20–25	$5.5 \pm 2.3$	$0.61^{+0.98}_{-0.60}$	$8.8 \pm 3.7$	$1.24 \pm 0.94$	$0.64^{+0.82}_{-0.63}$	$9.3 \pm 3.2$	$26.0 \pm 5.6$	26
	25–30	$5.7 \pm 2.4$	$0.7^{+1.1}_{-0.7}$	$9.6 \pm 3.9$	$1.15 \pm 0.91$	$2.4 \pm 1.6$	$7.6 \pm 2.9$	$27.3 \pm 5.8$	25