

$\mathcal{L} = 137 \text{ fb}^{-1}$	T1tttt(2100,100)	T1tttt(1900,1250)	R1-R3 fit	R1-R4 fit	Obs.
	$200 < p_{\text{T}}^{\text{miss}} \leq 350 \text{ GeV}$				
R1	0.0	1.1	7706	$7705 \pm 87$	7706
R2: $N_{\text{b}} = 1, N_{\text{jets}} = 7$	0.0	0.1	1088	$1088 \pm 32$	1088
R2: $N_{\text{b}} = 1, N_{\text{jets}} \geq 8$	0.0	0.1	732	$736 \pm 26$	732
R2: $N_{\text{b}} = 2, N_{\text{jets}} = 7$	0.0	0.1	879	$882 \pm 30$	879
R2: $N_{\text{b}} = 2, N_{\text{jets}} \geq 8$	0.0	0.3	644	$642 \pm 25$	644
R2: $N_{\text{b}} \geq 3, N_{\text{jets}} = 7$	0.0	0.2	237	$235 \pm 15$	237
R2: $N_{\text{b}} \geq 3, N_{\text{jets}} \geq 8$	0.0	0.5	202	$200 \pm 14$	202
R3	0.0	2.2	472	$473 \pm 20$	472
R4: $N_{\text{b}} = 1, N_{\text{jets}} = 7$	0.0	0.2	$70 \pm 10$	$70.2 \pm 4.6$	70
R4: $N_{\text{b}} = 1, N_{\text{jets}} \geq 8$	0.0	0.3	$37.7 \pm 5.6$	$38.3 \pm 2.8$	42
R4: $N_{\text{b}} = 2, N_{\text{jets}} = 7$	0.0	0.4	$56 \pm 12$	$55.7 \pm 4.5$	59
R4: $N_{\text{b}} = 2, N_{\text{jets}} \geq 8$	0.0	0.6	$37.9 \pm 8.1$	$37.4 \pm 3.1$	35
R4: $N_{\text{b}} \geq 3, N_{\text{jets}} = 7$	0.0	0.4	$19.2 \pm 4.9$	$18.7 \pm 2.1$	17
R4: $N_{\text{b}} \geq 3, N_{\text{jets}} \geq 8$	0.0	0.9	$12.9 \pm 3.3$	$12.4 \pm 1.5$	10
	$350 < p_{\text{T}}^{\text{miss}} \leq 500 \text{ GeV}$				
R1	0.0	0.9	967	$968 \pm 31$	967
R2: $N_{\text{b}} = 1, N_{\text{jets}} = 7$	0.0	0.1	208	$207 \pm 14$	208
R2: $N_{\text{b}} = 1, N_{\text{jets}} \geq 8$	0.0	0.2	150	$148 \pm 12$	150
R2: $N_{\text{b}} = 2, N_{\text{jets}} = 7$	0.0	0.1	139	$142 \pm 12$	139
R2: $N_{\text{b}} = 2, N_{\text{jets}} \geq 8$	0.0	0.3	111	$112 \pm 11$	111
R2: $N_{\text{b}} \geq 3, N_{\text{jets}} = 7$	0.0	0.2	30	$30.1 \pm 5.3$	30
R2: $N_{\text{b}} \geq 3, N_{\text{jets}} \geq 8$	0.0	0.6	38	$37.7 \pm 6.0$	38
R3	0.1	2.9	68	$67.0 \pm 6.5$	68
R4: $N_{\text{b}} = 1, N_{\text{jets}} = 7$	0.1	0.3	$15.2 \pm 3.7$	$15.3 \pm 2.1$	14
R4: $N_{\text{b}} = 1, N_{\text{jets}} \geq 8$	0.0	0.4	$9.9 \pm 2.7$	$9.7 \pm 1.6$	8
R4: $N_{\text{b}} = 2, N_{\text{jets}} = 7$	0.1	0.5	$10.8 \pm 3.1$	$11.3 \pm 1.7$	14
R4: $N_{\text{b}} = 2, N_{\text{jets}} \geq 8$	0.1	1.3	$6.6 \pm 1.9$	$6.8 \pm 1.1$	8
R4: $N_{\text{b}} \geq 3, N_{\text{jets}} = 7$	0.1	0.7	$2.8 \pm 1.1$	$2.9 \pm 0.7$	3
R4: $N_{\text{b}} \geq 3, N_{\text{jets}} \geq 8$	0.1	2.1	$3.3 \pm 1.2$	$3.3 \pm 0.7$	3
	$p_{\text{T}}^{\text{miss}} > 500 \text{ GeV}$				
R1	0.1	0.6	434	$434 \pm 21$	434
R2: $N_{\text{b}} = 1, 6 \leq N_{\text{jets}} \leq 7$	0.1	0.1	158	$160 \pm 13$	158
R2: $N_{\text{b}} = 1, N_{\text{jets}} \geq 8$	0.0	0.2	41	$41.7 \pm 6.4$	41
R2: $N_{\text{b}} = 2, 6 \leq N_{\text{jets}} \leq 7$	0.1	0.2	80	$80.5 \pm 8.8$	80
R2: $N_{\text{b}} = 2, N_{\text{jets}} \geq 8$	0.1	0.3	34	$32.0 \pm 5.5$	34
R2: $N_{\text{b}} \geq 3, 6 \leq N_{\text{jets}} \leq 7$	0.1	0.2	20	$19.8 \pm 4.5$	20
R2: $N_{\text{b}} \geq 3, N_{\text{jets}} \geq 8$	0.1	0.5	10	$10.1 \pm 3.1$	10
R3	0.6	3.2	28	$27.9 \pm 4.2$	28
R4: $N_{\text{b}} = 1, 6 \leq N_{\text{jets}} \leq 7$	0.6	0.5	$9.4 \pm 3.1$	$10.2 \pm 1.9$	12
R4: $N_{\text{b}} = 1, N_{\text{jets}} \geq 8$	0.3	0.5	$2.1 \pm 0.8$	$2.3 \pm 0.6$	3
R4: $N_{\text{b}} = 2, 6 \leq N_{\text{jets}} \leq 7$	0.9	1.0	$5.3 \pm 2.0$	$5.5 \pm 1.1$	6
R4: $N_{\text{b}} = 2, N_{\text{jets}} \geq 8$	0.6	1.3	$2.1 \pm 0.9$	$2.0 \pm 0.5$	0
R4: $N_{\text{b}} \geq 3, 6 \leq N_{\text{jets}} \leq 7$	0.8	0.9	$1.2 \pm 0.6$	$1.2 \pm 0.4$	1
R4: $N_{\text{b}} \geq 3, N_{\text{jets}} \geq 8$	0.8	2.3	$0.8 \pm 0.4$	$0.9 \pm 0.3$	1