

	T2tt(350, 150)	T2tt(700, 100)	T2tb(700, 100)
Expected events (2.3 fb^{-1} at $\sqrt{s} = 13 \text{ TeV}$)	8565	151	151
Preselection requirements	Events (efficiency)		
Event filter	8565 (100%)	151 (100%)	151 (100%)
μ veto	6817 (79%)	119 (79%)	130 (86%)
e veto	5384 (78%)	94 (78%)	112 (86%)
Isolated track veto	4378 (81%)	86 (91%)	97 (86%)
$N_j \geq 4$	3509 (80%)	78 (90%)	73 (74%)
$N_b \geq 1$	2916 (83%)	66 (84%)	61 (84%)
$H_T \geq 500 \text{ GeV}$	974 (33%)	57 (86%)	55 (89%)
$E_T^{\text{miss}} \geq 200 \text{ GeV}$	263 (27%)	48 (84%)	45 (83%)
$\Delta\phi(E_T^{\text{miss}}, j_{1,2,3}) > 0.5, 0.5, 0.3$	168 (63%)	43 (89%)	40 (88%)
$N_t \geq 1$	93 (55%)	28 (64%)	18 (44%)
$M_{T2} > 200 \text{ GeV}$	74 (79%)	27 (97%)	17 (96%)
N_b, N_t regions	Events (efficiency)		
$N_b = 1, N_t = 1$	18.9 (25%)	7.7 (27%)	5.9 (33%)
$N_b = 1, N_t \geq 2$	17.3 (23%)	4.9 (17%)	2.0 (11%)
$N_b \geq 2, N_t = 1$	22.7 (30%)	9.9 (35%)	7.5 (42%)
$N_b \geq 2, N_t \geq 2$	16.0 (21%)	5.1 (18%)	2.1 (11%)
$M_{T2}, E_T^{\text{miss}}$ regions	Events (efficiency)		
$200 \leq M_{T2} < 300 \text{ GeV}, 200 \leq E_T^{\text{miss}} < 275 \text{ GeV}$	35.2 (47%)	1.9 (6%)	1.3 (7%)
$200 \leq M_{T2} < 300 \text{ GeV}, 275 \leq E_T^{\text{miss}} < 350 \text{ GeV}$	14.9 (19%)	1.2 (4%)	0.8 (4%)
$200 \leq M_{T2} < 300 \text{ GeV}, 350 \leq E_T^{\text{miss}} < 450 \text{ GeV}$	5.7 (7%)	0.8 (2%)	0.5 (3%)
$200 \leq M_{T2} < 300 \text{ GeV}, E_T^{\text{miss}} \geq 450 \text{ GeV}$	2.4 (3%)	0.8 (2%)	0.5 (2%)
$300 \leq M_{T2} < 400 \text{ GeV}, 200 \leq E_T^{\text{miss}} < 275 \text{ GeV}$	6.6 (8%)	1.3 (4%)	0.7 (4%)
$300 \leq M_{T2} < 400 \text{ GeV}, 275 \leq E_T^{\text{miss}} < 350 \text{ GeV}$	4.4 (5%)	2.3 (8%)	1.4 (8%)
$300 \leq M_{T2} < 400 \text{ GeV}, 350 \leq E_T^{\text{miss}} < 450 \text{ GeV}$	1.9 (2%)	2.2 (8%)	1.6 (9%)
$300 \leq M_{T2} < 400 \text{ GeV}, E_T^{\text{miss}} \geq 450 \text{ GeV}$	1.3 (1%)	2.0 (7%)	1.2 (6%)
$M_{T2} \geq 400 \text{ GeV}, 200 \leq E_T^{\text{miss}} < 350 \text{ GeV}$	0.6 (0%)	0.6 (2%)	0.3 (1%)
$M_{T2} \geq 400 \text{ GeV}, 350 \leq E_T^{\text{miss}} < 450 \text{ GeV}$	0.8 (1%)	3.0 (10%)	1.9 (11%)
$M_{T2} \geq 400 \text{ GeV}, E_T^{\text{miss}} \geq 450 \text{ GeV}$	0.9 (1%)	11.5 (41%)	7.1 (40%)