

pp  $\rightarrow$   $\tilde{t}\tilde{t}^*$ ,  $\tilde{t} \rightarrow t\tilde{\chi}_1^0$  ( $m_{\tilde{t}} = 1100$  GeV,  $m_{\tilde{\chi}_1^0} = 1$  GeV)

Selection	Yield	Efficiency (%)
Before selection	110	100
Trigger selection	99.8	90.5
At least one jet	98.1	88.9
$M_{T2} > 200$ GeV (if $N_j \geq 2$ )	77.1	69.9
$\Delta\phi_{\min} > 0.3$	72.6	65.8
$ \vec{p}_T^{\text{miss}} - \vec{H}_T^{\text{miss}}  / p_T^{\text{miss}} < 0.5$	69.3	62.8
Lepton veto	46.1	41.8
$H_T > 1000$ GeV	29.4	26.6
$N_j < 7$	20.6	18.7
$N_b \geq 1$	16.1	14.6