

pp  $\rightarrow$   $\tilde{t}\tilde{t}^*, \tilde{t} \rightarrow t\tilde{\chi}_1^0$  ( $m_{\tilde{t}} = 500$  GeV,  $m_{\tilde{\chi}_1^0} = 400$  GeV)

Selection	Yield	Efficiency (%)
Before selection	18596	100
Trigger selection	1890	10.2
At least one jet	1866	10.0
$M_{T2} > 200$ GeV (if $N_j \geq 2$ )	699	3.76
$\Delta\phi_{\min} > 0.3$	573	3.08
$ \vec{p}_T^{\text{miss}} - \vec{H}_T^{\text{miss}}  / p_T^{\text{miss}} < 0.5$	558	3.00
Lepton veto	275	1.48
$250 < H_T < 1000$ GeV	232	1.25
$N_j < 7$	191	1.03
$N_b \geq 1$	55.9	0.30