

pp  $\rightarrow \tilde{b}\tilde{b}, \tilde{b} \rightarrow b\tilde{\chi}_1^0$  ( $m_{\tilde{b}} = 1000$  GeV,  $m_{\tilde{\chi}_1^0} = 0$  GeV)

Selection	Yield	Efficiency (%)
Before selection	79.5	100
Trigger selection	72.3	91.1
At least one jet	72.3	91.1
$M_{T2} > 200$ GeV (if $N_j \geq 2$ )	60.2	75.8
$\Delta\phi_{\min} > 0.3$	54.7	68.8
$ \vec{E}_T^{\text{miss}} - \vec{H}_T^{\text{miss}}  / E_T^{\text{miss}} < 0.5$	54.0	67.9
Lepton veto	53.4	67.2
$H_T > 1000$ GeV	30.7	38.6
$N_j < 4$	13.2	16.6
$N_b \geq 1$	8.03	10.1