

$pp \rightarrow \tilde{g}\tilde{g}, \tilde{g} \rightarrow b\bar{b}\tilde{\chi}_1^0$  ( $m_{\tilde{g}} = 2100$  GeV,  $m_{\tilde{\chi}_1^0} = 1$  GeV)

Selection	Yield	Efficiency (%)
Before selection	21.2	100
Trigger selection	21.2	99.8
At least one jet	21.0	98.7
$M_{T2} > 200$ GeV (if $N_j \geq 2$ )	16.0	75.4
$\Delta\phi_{\min} > 0.3$	13.8	64.8
$ \vec{p}_T^{\text{miss}} - \vec{H}_T^{\text{miss}}  / p_T^{\text{miss}} < 0.5$	13.6	64.3
Lepton veto	13.3	62.7
$H_T > 1000$ GeV	13.3	62.5
$N_j \geq 4$	12.8	60.2
$N_b \geq 2$	7.52	35.4