

Selection	pp $\rightarrow \tilde{g}\tilde{g}, \tilde{g} \rightarrow t\bar{t}\tilde{\chi}_1^0$ $m_{\tilde{g}} = 1500 \text{ GeV}$ $m_{\tilde{\chi}_1^0} = 100 \text{ GeV}$	pp $\rightarrow \tilde{g}\tilde{g}, \tilde{g} \rightarrow b\bar{b}\tilde{\chi}_1^0$ $m_{\tilde{g}} = 1500 \text{ GeV}$ $m_{\tilde{\chi}_1^0} = 100 \text{ GeV}$	pp $\rightarrow \tilde{g}\tilde{g}, \tilde{g} \rightarrow q\bar{q}\tilde{\chi}_1^0$ $m_{\tilde{g}} = 1400 \text{ GeV}$ $m_{\tilde{\chi}_1^0} = 100 \text{ GeV}$
$N_{\text{jet}} \geq 2$	100.0 ± 0.0	100.0 ± 0.0	100.00 ± 0.0
$H_T > 300 \text{ GeV}$	100.0 ± 0.0	100.0 ± 0.0	100.0 ± 0.0
$H_T^{\text{miss}} > 300 \text{ GeV}$	76.7 ± 0.3	80.3 ± 0.4	80.0 ± 0.3
$N_{\text{muon}} = 0$	48.6 ± 0.4	79.8 ± 0.4	80.0 ± 0.3
$N_{\text{isolated tracks}}^{(\text{muon})} = 0$	47.8 ± 0.4	79.6 ± 0.4	79.9 ± 0.3
$N_{\text{electron}} = 0$	30.7 ± 0.3	79.2 ± 0.4	79.5 ± 0.3
$N_{\text{isolated tracks}}^{(\text{electron})} = 0$	29.7 ± 0.3	78.7 ± 0.4	79.1 ± 0.3
$N_{\text{isolated tracks}}^{(\text{hadron})} = 0$	28.3 ± 0.3	78.0 ± 0.4	78.3 ± 0.3
$\Delta\phi_{H_T^{\text{miss}}, j_1} > 0.5$	27.7 ± 0.3	76.7 ± 0.4	76.9 ± 0.3
$\Delta\phi_{H_T^{\text{miss}}, j_2} > 0.5$	25.2 ± 0.3	69.2 ± 0.5	69.8 ± 0.3
$\Delta\phi_{H_T^{\text{miss}}, j_3} > 0.3$	23.7 ± 0.3	63.9 ± 0.5	64.4 ± 0.3
$\Delta\phi_{H_T^{\text{miss}}, j_4} > 0.3$	22.1 ± 0.3	58.6 ± 0.5	59.4 ± 0.3
Event quality filter	21.8 ± 0.3	57.7 ± 0.5	58.7 ± 0.3
Selection	pp $\rightarrow \tilde{g}\tilde{g}, \tilde{g} \rightarrow t\bar{t}\tilde{\chi}_1^0$ $m_{\tilde{g}} = 1200 \text{ GeV}$ $m_{\tilde{\chi}_1^0} = 800 \text{ GeV}$	pp $\rightarrow \tilde{g}\tilde{g}, \tilde{g} \rightarrow b\bar{b}\tilde{\chi}_1^0$ $m_{\tilde{g}} = 1000 \text{ GeV}$ $m_{\tilde{\chi}_1^0} = 900 \text{ GeV}$	pp $\rightarrow \tilde{g}\tilde{g}, \tilde{g} \rightarrow q\bar{q}\tilde{\chi}_1^0$ $m_{\tilde{g}} = 1000 \text{ GeV}$ $m_{\tilde{\chi}_1^0} = 800 \text{ GeV}$
$N_{\text{jet}} \geq 2$	100.0 ± 0.0	92.5 ± 0.1	99.6 ± 0.0
$H_T > 300 \text{ GeV}$	99.0 ± 0.0	38.6 ± 0.1	81.3 ± 0.1
$H_T^{\text{miss}} > 300 \text{ GeV}$	14.9 ± 0.1	14.1 ± 0.1	19.1 ± 0.1
$N_{\text{muon}} = 0$	9.6 ± 0.1	13.9 ± 0.1	19.1 ± 0.1
$N_{\text{isolated tracks}}^{(\text{muon})} = 0$	9.2 ± 0.1	13.6 ± 0.1	19.1 ± 0.1
$N_{\text{electron}} = 0$	6.2 ± 0.1	13.4 ± 0.1	19.0 ± 0.1
$N_{\text{isolated tracks}}^{(\text{electron})} = 0$	5.8 ± 0.1	13.1 ± 0.1	18.8 ± 0.1
$N_{\text{isolated tracks}}^{(\text{hadron})} = 0$	5.3 ± 0.1	12.8 ± 0.1	18.4 ± 0.1
$\Delta\phi_{H_T^{\text{miss}}, j_1} > 0.5$	5.3 ± 0.1	12.8 ± 0.1	18.4 ± 0.1
$\Delta\phi_{H_T^{\text{miss}}, j_2} > 0.5$	4.5 ± 0.1	11.4 ± 0.1	16.9 ± 0.1
$\Delta\phi_{H_T^{\text{miss}}, j_3} > 0.3$	4.0 ± 0.1	10.4 ± 0.1	15.8 ± 0.1
$\Delta\phi_{H_T^{\text{miss}}, j_4} > 0.3$	3.6 ± 0.1	9.6 ± 0.1	14.8 ± 0.1
Event quality filter	3.5 ± 0.1	9.4 ± 0.1	14.6 ± 0.1