

Selection	pp $\rightarrow \tilde{t}\tilde{t}, \tilde{t} \rightarrow t\tilde{\chi}_1^0$ $m_{\tilde{t}} = 700 \text{ GeV}$ $m_{\tilde{\chi}_1^0} = 50 \text{ GeV}$	pp $\rightarrow \tilde{b}\tilde{b}, \tilde{b} \rightarrow b\tilde{\chi}_1^0$ $m_{\tilde{b}} = 650 \text{ GeV}$ $m_{\tilde{\chi}_1^0} = 1 \text{ GeV}$	pp $\rightarrow \tilde{q}\tilde{q}, \tilde{q} \rightarrow q\tilde{\chi}_1^0$ $m_{\tilde{q}} = 1000 \text{ GeV}$ $m_{\tilde{\chi}_1^0} = 100 \text{ GeV}$
$N_{\text{jet}} \geq 2$	$99.8 \pm 0.0$	$98.2 \pm 0.1$	$98.9 \pm 0.1$
$H_T > 300 \text{ GeV}$	$96.4 \pm 0.1$	$95.4 \pm 0.1$	$98.6 \pm 0.1$
$H_T^{\text{miss}} > 300 \text{ GeV}$	$57.8 \pm 0.3$	$59.8 \pm 0.2$	$80.0 \pm 0.3$
$N_{\text{muon}} = 0$	$46.6 \pm 0.3$	$59.6 \pm 0.2$	$79.9 \pm 0.3$
$N_{\text{isolated tracks}}^{(\text{muon})} = 0$	$46.1 \pm 0.3$	$59.5 \pm 0.2$	$79.8 \pm 0.3$
$N_{\text{electron}} = 0$	$37.4 \pm 0.3$	$59.2 \pm 0.2$	$79.6 \pm 0.3$
$N_{\text{isolated tracks}}^{(\text{electron})} = 0$	$36.9 \pm 0.3$	$59.0 \pm 0.2$	$79.3 \pm 0.3$
$N_{\text{isolated tracks}}^{(\text{hadron})} = 0$	$35.8 \pm 0.3$	$58.5 \pm 0.2$	$78.7 \pm 0.3$
$\Delta\phi_{H_T^{\text{miss}}, j_1} > 0.5$	$35.7 \pm 0.3$	$58.4 \pm 0.2$	$78.6 \pm 0.3$
$\Delta\phi_{H_T^{\text{miss}}, j_2} > 0.5$	$34.0 \pm 0.3$	$55.7 \pm 0.2$	$74.5 \pm 0.3$
$\Delta\phi_{H_T^{\text{miss}}, j_3} > 0.3$	$33.1 \pm 0.3$	$53.3 \pm 0.2$	$70.6 \pm 0.3$
$\Delta\phi_{H_T^{\text{miss}}, j_4} > 0.3$	$31.8 \pm 0.3$	$51.6 \pm 0.2$	$67.9 \pm 0.3$
Event quality filter	$31.4 \pm 0.3$	$50.8 \pm 0.3$	$67.1 \pm 0.3$
Selection	pp $\rightarrow \tilde{t}\tilde{t}, \tilde{t} \rightarrow t\tilde{\chi}_1^0$ $m_{\tilde{t}} = 300 \text{ GeV}$ $m_{\tilde{\chi}_1^0} = 200 \text{ GeV}$	pp $\rightarrow \tilde{b}\tilde{b}, \tilde{b} \rightarrow b\tilde{\chi}_1^0$ $m_{\tilde{b}} = 500 \text{ GeV}$ $m_{\tilde{\chi}_1^0} = 300 \text{ GeV}$	pp $\rightarrow \tilde{q}\tilde{q}, \tilde{q} \rightarrow q\tilde{\chi}_1^0$ $m_{\tilde{q}} = 700 \text{ GeV}$ $m_{\tilde{\chi}_1^0} = 400 \text{ GeV}$
$N_{\text{jet}} \geq 2$	$86.9 \pm 0.0$	$96.0 \pm 0.1$	$98.0 \pm 0.0$
$H_T > 300 \text{ GeV}$	$23.3 \pm 0.0$	$68.0 \pm 0.1$	$91.3 \pm 0.1$
$H_T^{\text{miss}} > 300 \text{ GeV}$	$2.84 \pm 0.0$	$15.6 \pm 0.1$	$43.8 \pm 0.1$
$N_{\text{muon}} = 0$	$2.16 \pm 0.0$	$15.6 \pm 0.1$	$43.8 \pm 0.1$
$N_{\text{isolated tracks}}^{(\text{muon})} = 0$	$2.10 \pm 0.0$	$15.5 \pm 0.1$	$43.7 \pm 0.1$
$N_{\text{electron}} = 0$	$1.60 \pm 0.0$	$15.4 \pm 0.1$	$43.5 \pm 0.1$
$N_{\text{isolated tracks}}^{(\text{electron})} = 0$	$1.52 \pm 0.0$	$15.3 \pm 0.1$	$43.4 \pm 0.1$
$N_{\text{isolated tracks}}^{(\text{hadron})} = 0$	$1.41 \pm 0.0$	$15.2 \pm 0.1$	$43.0 \pm 0.1$
$\Delta\phi_{H_T^{\text{miss}}, j_1} > 0.5$	$1.40 \pm 0.0$	$15.1 \pm 0.1$	$42.9 \pm 0.1$
$\Delta\phi_{H_T^{\text{miss}}, j_2} > 0.5$	$1.03 \pm 0.0$	$14.1 \pm 0.1$	$41.1 \pm 0.1$
$\Delta\phi_{H_T^{\text{miss}}, j_3} > 0.3$	$0.85 \pm 0.0$	$13.5 \pm 0.1$	$39.6 \pm 0.1$
$\Delta\phi_{H_T^{\text{miss}}, j_4} > 0.3$	$0.73 \pm 0.0$	$13.1 \pm 0.1$	$38.4 \pm 0.1$
Event quality filter	$0.72 \pm 0.0$	$12.9 \pm 0.1$	$37.9 \pm 0.1$