

$pp \rightarrow \tilde{q}\tilde{q}^*, \tilde{q} \rightarrow q\tilde{\chi}_1^0, \tilde{q}_L + \tilde{q}_R(\tilde{u}, \tilde{d}, \tilde{s}, \tilde{c})$ ($m_{\tilde{q}} = 800$ GeV, $m_{\tilde{\chi}_1^0} = 400$ GeV)

Selection	Yield	Efficiency (%)
Before selection	8275	100
Trigger selection	6191	74.8
At least one jet	6133	74.1
$M_{T2} > 200$ GeV (if $N_j \geq 2$)	4728	57.1
$\Delta\phi_{\min} > 0.3$	4402	53.2
$ \vec{p}_T^{\text{miss}} - \vec{H}_T^{\text{miss}} / p_T^{\text{miss}} < 0.5$	4330	52.3
Lepton veto	4272	51.6
$250 < H_T < 1000$ GeV	3471	41.9
$N_j < 4$	2218	26.8
$N_b = 0$	1988	24.0