

Signal	Expected limit [fb] (full analysis)	Best aggregated region	Signal yield (best aggregated region)	Expected limit [fb] (best aggregated region)
$pp \rightarrow \tilde{g}\tilde{g}, \tilde{g} \rightarrow b\bar{b}\tilde{\chi}_1^0$ ($m_{\tilde{g}} = 1700 \text{ GeV}, m_{\tilde{\chi}_1^0} = 0 \text{ GeV}$)	4.80	2b very tight	3.19	9.83
$pp \rightarrow \tilde{g}\tilde{g}, \tilde{g} \rightarrow b\bar{b}\tilde{\chi}_1^0$ ($m_{\tilde{g}} = 1000 \text{ GeV}, m_{\tilde{\chi}_1^0} = 950 \text{ GeV}$)	393	2b tight	4.79	667
$pp \rightarrow \tilde{g}\tilde{g}, \tilde{g} \rightarrow q\bar{q}\tilde{\chi}_1^0$ ($m_{\tilde{g}} = 1600 \text{ GeV}, m_{\tilde{\chi}_1^0} = 0 \text{ GeV}$)	8.67	4j tight	5.31	17.2
$pp \rightarrow \tilde{g}\tilde{g}, \tilde{g} \rightarrow q\bar{q}\tilde{\chi}_1^0$ ($m_{\tilde{g}} = 1000 \text{ GeV}, m_{\tilde{\chi}_1^0} = 850 \text{ GeV}$)	357	7j tight	7.33	536
$pp \rightarrow \tilde{g}\tilde{g}, \tilde{g} \rightarrow t\bar{t}\tilde{\chi}_1^0$ ($m_{\tilde{g}} = 1500 \text{ GeV}, m_{\tilde{\chi}_1^0} = 0 \text{ GeV}$)	12.9	7j very tight	4.48	20.7
$pp \rightarrow \tilde{g}\tilde{g}, \tilde{g} \rightarrow t\bar{t}\tilde{\chi}_1^0$ ($m_{\tilde{g}} = 900 \text{ GeV}, m_{\tilde{\chi}_1^0} = 600 \text{ GeV}$)	555	3b tight	5.55	1100
$pp \rightarrow \tilde{t}\tilde{t}, \tilde{t} \rightarrow t\tilde{\chi}_1^0$ ($m_{\tilde{t}} = 750 \text{ GeV}, m_{\tilde{\chi}_1^0} = 0 \text{ GeV}$)	41.8	2b tight	5.79	73.7
$pp \rightarrow \tilde{t}\tilde{t}, \tilde{t} \rightarrow t\tilde{\chi}_1^0$ ($m_{\tilde{t}} = 600 \text{ GeV}, m_{\tilde{\chi}_1^0} = 250 \text{ GeV}$)	151	2b medium	17.5	321
$pp \rightarrow \tilde{t}\tilde{t}, \tilde{t} \rightarrow t\tilde{\chi}_1^0$ ($m_{\tilde{t}} = 250 \text{ GeV}, m_{\tilde{\chi}_1^0} = 150 \text{ GeV}$)	18600	2b medium	9.37	73900
$pp \rightarrow \tilde{b}\tilde{b}, \tilde{b} \rightarrow b\tilde{\chi}_1^0$ ($m_{\tilde{b}} = 800 \text{ GeV}, m_{\tilde{\chi}_1^0} = 0 \text{ GeV}$)	26.9	2b tight	5.83	48.1
$pp \rightarrow \tilde{b}\tilde{b}, \tilde{b} \rightarrow b\tilde{\chi}_1^0$ ($m_{\tilde{b}} = 500 \text{ GeV}, m_{\tilde{\chi}_1^0} = 350 \text{ GeV}$)	451	2b medium	21.3	777
$pp \rightarrow \tilde{q}\tilde{q}, \tilde{q} \rightarrow q\tilde{\chi}_1^0, \tilde{q}_L + \tilde{q}_R(\tilde{u}, \tilde{d}, \tilde{s}, \tilde{c})$ ($m_{\tilde{q}} = 1200 \text{ GeV}, m_{\tilde{\chi}_1^0} = 0 \text{ GeV}$)	14.0	2j tight	7.85	18.3
$pp \rightarrow \tilde{q}\tilde{q}, \tilde{q} \rightarrow q\tilde{\chi}_1^0, \tilde{q}_L + \tilde{q}_R(\tilde{u}, \tilde{d}, \tilde{s}, \tilde{c})$ ($m_{\tilde{q}} = 600 \text{ GeV}, m_{\tilde{\chi}_1^0} = 0 \text{ GeV}$)	148	4j medium	300	267
$pp \rightarrow \tilde{q}\tilde{q}, \tilde{q} \rightarrow q\tilde{\chi}_1^0, \tilde{q}_L + \tilde{q}_R(\tilde{u}, \tilde{d}, \tilde{s}, \tilde{c})$ ($m_{\tilde{q}} = 700 \text{ GeV}, m_{\tilde{\chi}_1^0} = 500 \text{ GeV}$)	493	4j medium	34.0	902