

Signal	Expected limit [fb] (full analysis)	Best aggregated region	Signal yield (best aggregated region)	Expected limit [fb] (best aggregated region)
$pp \rightarrow \tilde{g}\tilde{g}, \tilde{g} \rightarrow b\bar{b}\tilde{\chi}_1^0$ $(m_{\tilde{g}} = 1700 \text{ GeV}, m_{\tilde{\chi}_1^0} = 0 \text{ GeV})$	1.80	2b tight	18.8	3.84
$pp \rightarrow \tilde{g}\tilde{g}, \tilde{g} \rightarrow b\bar{b}\tilde{\chi}_1^0$ $(m_{\tilde{g}} = 1000 \text{ GeV}, m_{\tilde{\chi}_1^0} = 950 \text{ GeV})$	234	2b tight	10.0	498
$pp \rightarrow \tilde{g}\tilde{g}, \tilde{g} \rightarrow q\bar{q}\tilde{\chi}_1^0$ $(m_{\tilde{g}} = 1600 \text{ GeV}, m_{\tilde{\chi}_1^0} = 0 \text{ GeV})$	4.05	4j tight	27.4	4.51
$pp \rightarrow \tilde{g}\tilde{g}, \tilde{g} \rightarrow q\bar{q}\tilde{\chi}_1^0$ $(m_{\tilde{g}} = 1000 \text{ GeV}, m_{\tilde{\chi}_1^0} = 850 \text{ GeV})$	244	7j medium	34.1	281
$pp \rightarrow \tilde{g}\tilde{g}, \tilde{g} \rightarrow t\bar{t}\tilde{\chi}_1^0$ $(m_{\tilde{g}} = 1500 \text{ GeV}, m_{\tilde{\chi}_1^0} = 0 \text{ GeV})$	3.69	2b verytight	13.5	10.3
$pp \rightarrow \tilde{g}\tilde{g}, \tilde{g} \rightarrow t\bar{t}\tilde{\chi}_1^0$ $(m_{\tilde{g}} = 900 \text{ GeV}, m_{\tilde{\chi}_1^0} = 600 \text{ GeV})$	312	3b tight	18.6	595
$pp \rightarrow \tilde{t}\tilde{t}, \tilde{t} \rightarrow t\tilde{\chi}_1^0$ $(m_{\tilde{t}} = 750 \text{ GeV}, m_{\tilde{\chi}_1^0} = 0 \text{ GeV})$	18.6	2b medium	36.2	34.9
$pp \rightarrow \tilde{t}\tilde{t}, \tilde{t} \rightarrow t\tilde{\chi}_1^0$ $(m_{\tilde{t}} = 600 \text{ GeV}, m_{\tilde{\chi}_1^0} = 250 \text{ GeV})$	79.5	2b medium	20.2	254
$pp \rightarrow \tilde{t}\tilde{t}, \tilde{t} \rightarrow t\tilde{\chi}_1^0$ $(m_{\tilde{t}} = 250 \text{ GeV}, m_{\tilde{\chi}_1^0} = 150 \text{ GeV})$	9236	4j medium	15.2	42345
$pp \rightarrow \tilde{b}\tilde{b}, \tilde{b} \rightarrow b\tilde{\chi}_1^0$ $(m_{\tilde{b}} = 800 \text{ GeV}, m_{\tilde{\chi}_1^0} = 0 \text{ GeV})$	11.5	2j tight	13.4	31.5
$pp \rightarrow \tilde{b}\tilde{b}, \tilde{b} \rightarrow b\tilde{\chi}_1^0$ $(m_{\tilde{b}} = 500 \text{ GeV}, m_{\tilde{\chi}_1^0} = 350 \text{ GeV})$	362	2b medium	26.5	573
$pp \rightarrow \tilde{q}\tilde{q}, \tilde{q} \rightarrow q\tilde{\chi}_1^0, \tilde{q}_L + \tilde{q}_R(\tilde{u}, \tilde{d}, \tilde{s}, \tilde{c})$ $(m_{\tilde{q}} = 1400 \text{ GeV}, m_{\tilde{\chi}_1^0} = 0 \text{ GeV})$	3.41	2j tight	9.48	5.96
$pp \rightarrow \tilde{q}\tilde{q}, \tilde{q} \rightarrow q\tilde{\chi}_1^0, \tilde{q}_L + \tilde{q}_R(\tilde{u}, \tilde{d}, \tilde{s}, \tilde{c})$ $(m_{\tilde{q}} = 600 \text{ GeV}, m_{\tilde{\chi}_1^0} = 300 \text{ GeV})$	208	7j tight	26.5	753