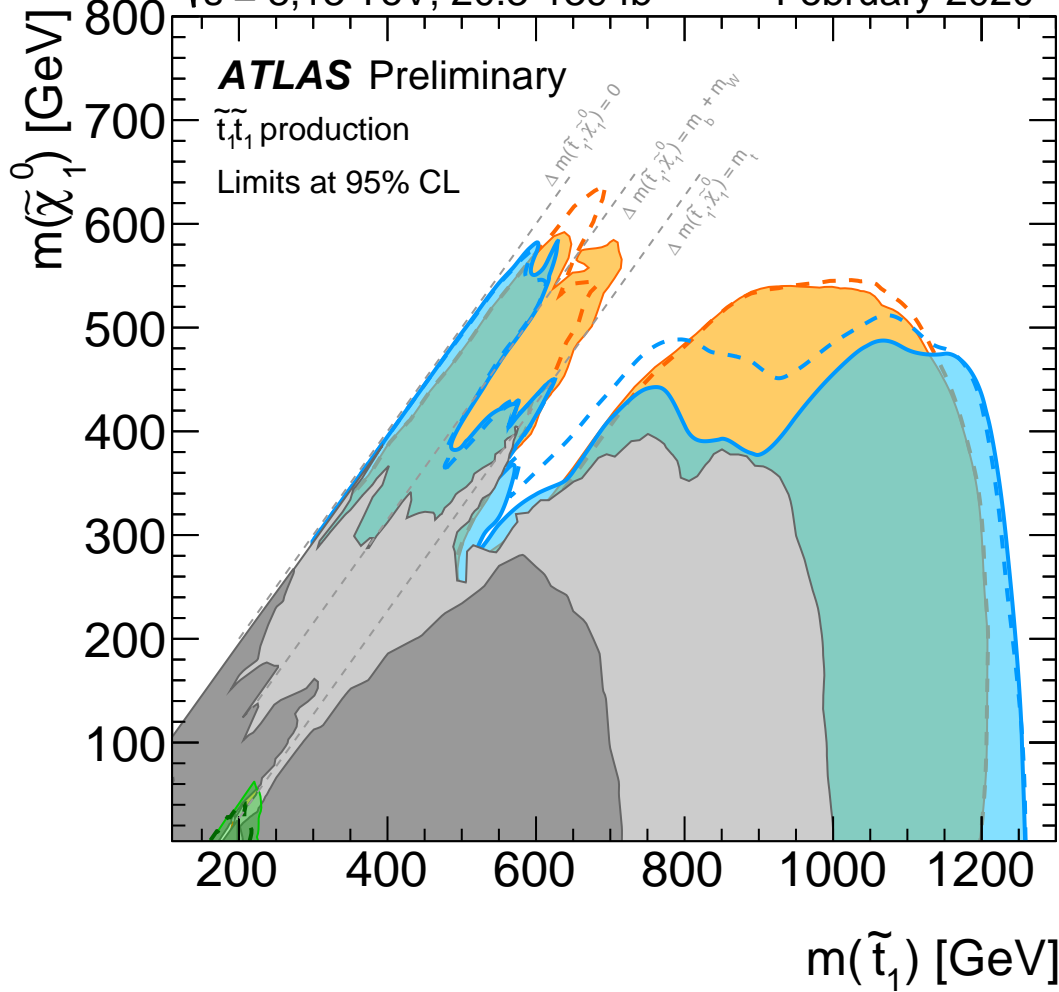


$\sqrt{s} = 8,13 \text{ TeV}, 20.3\text{-}139 \text{ fb}^{-1}$

February 2020



- Observed limits
- - Expected limits

- Data 15-18, $\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$
 - 0L, $\tilde{t}_1 \rightarrow \tilde{t}\tilde{\chi}_1^0 / \tilde{\tau}_1 \rightarrow bW\tilde{\chi}_1^0 / \tilde{\tau}_1 \rightarrow bff'\tilde{\chi}_1^0$
[ATLAS-CONF-2020-004]
 - 1L, $\tilde{t}_1 \rightarrow \tilde{t}\tilde{\chi}_1^0 / \tilde{\tau}_1 \rightarrow bW\tilde{\chi}_1^0 / \tilde{\tau}_1 \rightarrow bff'\tilde{\chi}_1^0$
[ATLAS-CONF-2020-003, ATLAS-CONF-2019-017]

- Data 15-16, $\sqrt{s} = 13 \text{ TeV}, 36.1 \text{ fb}^{-1}$
 - $\tilde{t}_1 \rightarrow \tilde{t}\tilde{\chi}_1^0 / \tilde{\tau}_1 \rightarrow bW\tilde{\chi}_1^0 / \tilde{\tau}_1 \rightarrow bff'\tilde{\chi}_1^0$
[1709.04183, 1711.11520, 1708.03247, 1711.03301]
 - $t\tilde{t}, \tilde{t}_1 \rightarrow \tilde{t}\tilde{\chi}_1^0$
[1903.07570]

- Data 12, $\sqrt{s} = 8 \text{ TeV}, 20.3 \text{ fb}^{-1}$
 - $\tilde{t}_1 \rightarrow \tilde{t}\tilde{\chi}_1^0 / \tilde{\tau}_1 \rightarrow bW\tilde{\chi}_1^0 / \tilde{\tau}_1 \rightarrow bff'\tilde{\chi}_1^0$
[1506.08616]