

Kinematic conditions	Type of decay	Decay mode
$m(\mathbf{b}) + m(\mathbf{W}) + m(\tilde{\chi}_1^0) \leq m(\tilde{\mathbf{t}}_1)$ and $m(\tilde{\mathbf{t}}_1) < m(\mathbf{t}) + m(\tilde{\chi}_1^0)$	3-body decays (tt)	$\tilde{\mathbf{t}}_1 (\rightarrow \mathbf{t}^* \tilde{\chi}_1^0) \rightarrow \mathbf{bW}\tilde{\chi}_1^0$
$m(\mathbf{t}) + m(\tilde{\chi}_1^0) \leq m(\tilde{\mathbf{t}}_1)$	2-body decays (tt)	$\tilde{\mathbf{t}}_1 \rightarrow \mathbf{t}\tilde{\chi}_1^0$, with $\mathbf{t} \rightarrow \mathbf{bW}$
$m(\mathbf{b}) + m(\mathbf{W}) + m(\tilde{\chi}_1^0) \leq m(\tilde{\mathbf{t}}_1)$ and $m(\tilde{\chi}_1^0) < m(\tilde{\chi}_1^\pm) < m(\tilde{\mathbf{t}}_1) - m(\mathbf{b})$	2-body decays (bbWW)	$\tilde{\mathbf{t}}_1 \rightarrow \mathbf{b}\tilde{\chi}_1^\pm$, with $\tilde{\chi}_1^\pm \rightarrow \mathbf{W}^{(*)}\tilde{\chi}_1^0$