

Probability / 0.03

**ATLAS** Simulation Internal

—+—  $p p \rightarrow \tilde{g} \tilde{g}, \tilde{g} \rightarrow q q \tilde{\chi}_1^0, \tilde{\chi}_1^0 \rightarrow q q q, m(\tilde{\chi}_1^0) = 2.05 \text{ TeV}, \tau(\tilde{\chi}_1^0) = 1 \text{ ns}$

—+—  $p p \rightarrow V h, h \rightarrow a a, a \rightarrow b b, m(a) = 55 \text{ GeV}, \tau(a) = 0.1 \text{ ns}$

