

**ATLAS** Internal

$\int L dt = 10 \text{ fb}^{-1}$ ,  $\Delta_{\text{Nbg}} = 10 \%$

Significance ( $Z_{\text{Bi}}$ )

$\tilde{q} \tilde{q} \rightarrow (q \tilde{\chi})(q \tilde{\chi}); m_{\tilde{q}} = 1200, m_{\tilde{\chi}} = 100 \text{ GeV}$

$\vec{\hat{C}} \big|_{\text{global max}}$

$\vec{\hat{C}} \big|_{\text{local max}}$

$p_{j2, T}^{\text{PP}} / H_{T2, 1}^{\text{PP}} \text{ cut}$

