

ATLAS Internal

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

Significance (Z_{Bi})

$\tilde{q} \tilde{q} \rightarrow (q \tilde{\chi})(q \tilde{\chi}); m_{\tilde{q}} = 700, m_{\tilde{\chi}} = 400 \text{ GeV}$

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

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

