

$m_{\tilde{\chi}_1^0}$  [GeV]

$\tilde{t}_1\tilde{t}_1$  production,  $\tilde{t}_1 \rightarrow tW^\pm(W^*)\tilde{\chi}_1^0$ ;  $m_{\tilde{\chi}_1^0} = m_{\tilde{t}} - 275$  GeV;  $m_{\tilde{\chi}_1^0} = m_{\tilde{\chi}_1^\pm} + 100$  GeV;  $m_{\tilde{\chi}_1^\pm} \approx m_{\tilde{\chi}_1^0}$

***ATLAS Internal***

$\sqrt{s}=13$  TeV 36.1 fb<sup>-1</sup>

Acceptance\*Efficiency [%]

Rpc3LSS1b

1.0

1.1

1.2

1.2

0.9

0.9

550

600

650

700

750

800

$m_{\tilde{t}}$  [GeV]