

stlepton model, $m_{\tilde{b}} = 1200, m_{\tilde{\chi}_2^0} = 1000$ GeV	Events in 35.9 fb ⁻¹
Expected dilepton events	45
≥ 2 leptons ($\ell^\pm \ell^\mp$), $p_T > 25(20)$ GeV	22.5 \pm 0.1
$m_{\ell\ell} > 20$ GeV	22.5 \pm 0.1
$p_T^{\ell\ell} > 25$ GeV	22.5 \pm 0.1
jet-multiplicity ≥ 2	19.9 \pm 0.1
$\Delta\phi(\text{jet}_{1,2}, \text{MET}) > 0.4$	16.4 \pm 0.1
MET > 150 GeV	15.8 \pm 0.1
$M_{T2}(\ell\ell) > 80$ GeV	12.5 \pm 0.1
ttbar like	
$20 < m_{\ell\ell} < 60$ GeV	0.0 \pm 0.0
$60 < m_{\ell\ell} < 86$ GeV	0.0 \pm 0.0
$96 < m_{\ell\ell} < 150$ GeV	0.0 \pm 0.0
$150 < m_{\ell\ell} < 200$ GeV	0.0 \pm 0.0
$200 < m_{\ell\ell} < 300$ GeV	0.0 \pm 0.0
$300 < m_{\ell\ell} < 400$ GeV	0.0 \pm 0.0
$m_{\ell\ell} > 400$ GeV	0.1 \pm 0.0
non ttbar like	
$20 < m_{\ell\ell} < 60$ GeV	0.1 \pm 0.0
$60 < m_{\ell\ell} < 86$ GeV	0.2 \pm 0.0
$96 < m_{\ell\ell} < 150$ GeV	0.3 \pm 0.0
$150 < m_{\ell\ell} < 200$ GeV	0.3 \pm 0.0
$200 < m_{\ell\ell} < 300$ GeV	0.9 \pm 0.0
$300 < m_{\ell\ell} < 400$ GeV	1.3 \pm 0.0
$m_{\ell\ell} > 400$ GeV	8.6 \pm 0.1