

stlepton model, $m_{\tilde{b}} = 900, m_{\tilde{\chi}_2^0} = 500$ GeV	Events in 35.9 fb ⁻¹
Expected dilepton events	363
≥ 2 leptons ($l^\pm l^\mp$), $p_T > 25(20)$ GeV	178.8 \pm 1.2
$m_{\ell\ell} > 20$ GeV	178.5 \pm 1.2
$p_T^{\ell\ell} > 25$ GeV	177.3 \pm 1.2
jet-multiplicity ≥ 2	150.1 \pm 1.0
$\Delta\phi(\text{jet}_{1,2}, \text{MET}) > 0.4$	129.0 \pm 1.0
MET > 150 GeV	115.3 \pm 0.9
$M_{T2}(\ell\ell) > 80$ GeV	78.7 \pm 0.8
ttbar like	
$20 < m_{\ell\ell} < 60$ GeV	0.2 \pm 0.0
$60 < m_{\ell\ell} < 86$ GeV	0.2 \pm 0.0
$96 < m_{\ell\ell} < 150$ GeV	0.7 \pm 0.1
$150 < m_{\ell\ell} < 200$ GeV	0.7 \pm 0.1
$200 < m_{\ell\ell} < 300$ GeV	1.7 \pm 0.1
$300 < m_{\ell\ell} < 400$ GeV	1.3 \pm 0.1
$m_{\ell\ell} > 400$ GeV	0.2 \pm 0.0
non ttbar like	
$20 < m_{\ell\ell} < 60$ GeV	2.1 \pm 0.1
$60 < m_{\ell\ell} < 86$ GeV	2.8 \pm 0.1
$96 < m_{\ell\ell} < 150$ GeV	8.5 \pm 0.2
$150 < m_{\ell\ell} < 200$ GeV	9.3 \pm 0.3
$200 < m_{\ell\ell} < 300$ GeV	23.6 \pm 0.4
$300 < m_{\ell\ell} < 400$ GeV	20.0 \pm 0.4
$m_{\ell\ell} > 400$ GeV	2.4 \pm 0.1