

Selection common to all SRs	$\tilde{\chi}_2^0 \tilde{\chi}_1^0 : m(\tilde{\chi}_2^0, \tilde{\chi}_1^0) = (110, 100)$ GeV	Weighted	Raw
Initial number of events ($\mathcal{L} \times \sigma$)	98400		1310000
Initial number of events ($\mathcal{L} \times \sigma \times \mathcal{B}$)	11100		148000
Generator filters ($\mathcal{L} \times \sigma \times \mathcal{B} \times \epsilon_{\text{filter}}$)	749		10000
$E_{\text{T}}^{\text{miss}} > 200$ GeV	71.7		1073
$E_{\text{T}}^{\text{miss}}$ triggers	71.7		1073
$N_{\text{baseline}}^{\ell} = 2$	33.2		507
$N_{\text{signal}}^{\ell} = 2$	19.8		345
Lepton truth matching	19.8		345
Lepton author 16 veto	19.8		345
Same flavour	19.7		343
Opposite charge	19.7		343
$p_{\text{T}}^{\ell_1} > 5$ GeV	19.6		342
$N_{\text{b-jets}} = 0$	16.3		302
$p_{\text{T}}(j_1) > 100$ GeV	16.0		297
$\Delta\phi(j_1, \mathbf{p}_{\text{T}}^{\text{miss}}) > 2.0$	15.9		295
$\min(\Delta\phi(\text{any jet}, \mathbf{p}_{\text{T}}^{\text{miss}})) > 0.4$	15.3		283
Veto $m_{\tau\tau} \in [0, 160]$ GeV	12.0		217
$m_{\ell\ell} > 1$ GeV	11.8		214
Veto $m_{\ell\ell} \in [3, 3.2]$ GeV	11.1		206
$m_{\ell\ell} < 60$ GeV	11.1		206
$\Delta R_{\ell\ell} > 0.05$	11.1		206
SR $\ell\ell$ - $m_{\ell\ell}$ selection			
$E_{\text{T}}^{\text{miss}}/H_{\text{T}}^{\text{lep}} > \max(5, 15 - 2 \cdot m_{\ell\ell}/\text{GeV})$	9.5		178
$\Delta R_{\ell\ell} < 2.0$	9.5		178
$m_{\text{T}}^{\ell_1} < 70$ GeV	8.7		162
$m_{\ell\ell} < 40$ GeV	8.7		162
$m_{\ell\ell} < 30$ GeV	8.7		162
$m_{\ell\ell} < 20$ GeV	8.7		162
$m_{\ell\ell} < 10$ GeV	8.7		162
$m_{\ell\ell} < 5$ GeV	4.5		83
$m_{\ell\ell} < 3$ GeV	1.9		33
SR $\ell\ell$ - $m_{\text{T}2}^{100}$ selection			
$E_{\text{T}}^{\text{miss}}/H_{\text{T}}^{\text{lep}} > \max(3, 15 - 2 \cdot [m_{\text{T}2}^{100}/\text{GeV} - 100])$	11.1		206
$m_{\text{T}2}^{100} < 130$ GeV	10.8		203
$m_{\text{T}2}^{100} < 120$ GeV	10.6		199
$m_{\text{T}2}^{100} < 110$ GeV	9.2		172
$m_{\text{T}2}^{100} < 105$ GeV	4.4		79
$m_{\text{T}2}^{100} < 102$ GeV	0.61		11