

Selection common to all SRs	$\tilde{\chi}_1^+ \tilde{\chi}_1^- : m(\tilde{\chi}_2^0, \tilde{\chi}_1^0) = (110, 100)$ GeV	Raw
	Weighted	
Initial number of events ($\mathcal{L} \times \sigma$)	90600	3560000
Initial number of events ($\mathcal{L} \times \sigma \times \mathcal{B}$)	10200	401000
Generator filters ($\mathcal{L} \times \sigma \times \mathcal{B} \times \epsilon_{\text{filter}}$)	255	10000
$E_{\text{T}}^{\text{miss}} > 200$ GeV	41.4	1749
$E_{\text{T}}^{\text{miss}}$ triggers	41.4	1748
$N_{\text{baseline}}^{\ell} = 2$	12.8	518
$N_{\text{signal}}^{\ell} = 2$	7.2	311
Lepton truth matching	7.1	306
Lepton author 16 veto	7.1	306
Same flavour	4.1	175
Opposite charge	4.1	175
$p_{\text{T}}^{\ell_1} > 5$ GeV	4.0	169
$N_{\text{b-jets}} = 0$	3.3	147
$p_{\text{T}}(j_1) > 100$ GeV	3.3	145
$\Delta\phi(j_1, \mathbf{p}_{\text{T}}^{\text{miss}}) > 2.0$	3.3	145
$\min(\Delta\phi(\text{any jet}, \mathbf{p}_{\text{T}}^{\text{miss}})) > 0.4$	3.2	140
Veto $m_{\tau\tau} \in [0, 160]$ GeV	2.26	113
$m_{\ell\ell} > 1$ GeV	2.22	110
Veto $m_{\ell\ell} \in [3, 3.2]$ GeV	2.22	110
$m_{\ell\ell} < 60$ GeV	2.18	108
$\Delta R_{\ell\ell} > 0.05$	2.18	108
SR $\ell\ell$ - $m_{\ell\ell}$ selection		
$E_{\text{T}}^{\text{miss}}/H_{\text{T}}^{\text{lep}} > \max(5, 15 - 2 \cdot m_{\ell\ell}/\text{GeV})$	2.17	107
$\Delta R_{\ell\ell} < 2.0$	1.17	58
$m_{\text{T}}^{\ell_1} < 70$ GeV	1.15	57
$m_{\ell\ell} < 40$ GeV	1.15	57
$m_{\ell\ell} < 30$ GeV	1.15	57
$m_{\ell\ell} < 20$ GeV	1.10	55
$m_{\ell\ell} < 10$ GeV	0.61	33
$m_{\ell\ell} < 5$ GeV	0.18	9
$m_{\ell\ell} < 3$ GeV	0.14	7
SR $\ell\ell$ - $m_{\text{T}2}^{100}$ selection		
$E_{\text{T}}^{\text{miss}}/H_{\text{T}}^{\text{lep}} > \max(3, 15 - 2 \cdot [m_{\text{T}2}^{100}/\text{GeV} - 100])$	1.92	95
$m_{\text{T}2}^{100} < 130$ GeV	1.92	95
$m_{\text{T}2}^{100} < 120$ GeV	1.92	95
$m_{\text{T}2}^{100} < 110$ GeV	1.92	95
$m_{\text{T}2}^{100} < 105$ GeV	1.92	95
$m_{\text{T}2}^{100} < 102$ GeV	1.20	59