

2 $\ell$ CR	b-veto CR	SR	Fiducial region
Pass the single lepton HLT			—
At least one good PV			—
$N_{\text{loose } \ell}^{\text{reco}} = 2$ (opposite-sign)	$N_{\text{loose } \ell}^{\text{reco}} = 1$		$N_{\ell}^{\text{gen}} = 1$
$N_{\gamma}^{\text{reco}} \geq 1$			$N_{\gamma}^{\text{gen}} \geq 1$
$N_{\text{jets}}^{\text{reco}} \geq 2$			$N_{\text{jets}}^{\text{gen}} \geq 2$
$p_{\text{T}}^{\ell} > 30$ (35) GeV and $ \eta  < 2.4$ (2.5) $p_{\text{T}}^{\gamma} > 20$ GeV and $ \eta  < 2.5$ $p_{\text{T}}^{\text{j}} > 30$ GeV and $ \eta  < 4.7$ $\Delta R(\ell, \gamma) > 0.4, \Delta R(\ell, \text{jets}) > 0.4$			
$\Delta R(\gamma, \text{jets}) > 0.4$			$\Delta R(\gamma, \text{jets}) > 0.1$
subleading $p_{\text{T}}^{\ell} > 15$ GeV	—	—	—
$N_{\text{bjets}} \geq 1$	$N_{\text{bjets}} = 0$	$N_{\text{bjets}} \geq 1$	—
$p_{\text{T}}^{\text{miss}} > 20$ GeV			—