

Object and event properties	Selection criteria
Lepton and $\tau_h$ pseudorapidity	$ \eta  < 2.5$ for e, $ \eta  < 2.4$ for $\mu$ , $ \eta  < 2.3$ for $\tau_h$
Dilepton invariant mass	$m_{\ell\ell} > 12$ GeV (all $\ell\ell$ pairs)
Four-lepton invariant mass	$m_{4\ell} > 140$ GeV (any two SFOS $\ell\ell$ pairs)
b jet veto	0 medium and $\leq 1$ loose b-tagged small-radius jet