

Selection criteria	0L channel	1L channel	2L channel
Number of leptons	0	1	2
Sign and flavor of leptons	—	$e^{\pm}, \mu^{\pm}$	$e^{+}e^{-}, \mu^{\pm}e^{\mp}, \mu^{+}\mu^{-}$
Min. p_T of p_T -leading electron [GeV]	—	29/30/30	25
Electron identification	—	Tight (80% efficiency)	Loose (90% efficiency)
Electron isolation	—	Tight (80% efficiency)	Loose (90% efficiency)
Min. p_T of p_T -leading muon [GeV]	—	26/29/26	25
Max. muon relative isolation	—	0.15	0.25
Min. $m_{ee/\mu\mu}$ [GeV]	—	—	20
$m_{ee/\mu\mu}$ [GeV]	—	—	$<76, >106$
Min. p_T of jets [GeV]	25	25	25
Min. p_T of 6 th jet [GeV]	40	—	—
Max. $ \eta $ of jets	2.4	2.4	2.4
Min. number of jets	7	5	4
Min. number of b-tagged jets	1	1	1
Min. number of HF (b- or c-tagged) jets	3	3	3
Min. H_T [GeV]	500	—	—
Min. p_T^{miss} [GeV]	—	20	20