

Selection requirement	$e\mu$	$e\tau_h$	$\mu\tau_h$	$\tau_h\tau_h$
Electron p_T [GeV]	>15	>15	>10	>20
Electron $ \eta $	<2.5	<2.5	<2.5	<2.5
Electron $ d_{xy} $ [cm]	<0.045	<0.045	<0.045	<0.1
Electron $ d_z $ [cm]	<0.2	<0.2	<0.2	<0.2
Electron I_{rel}	<0.3	<0.3	<0.3	<0.175
Muon p_T [GeV]	>15	>10	>15	>20
Muon $ \eta $	<2.4	<2.4	<2.4	<2.4
Muon $ d_{xy} $ [cm]	<0.045	<0.045	<0.045	<0.045
Muon $ d_z $ [cm]	<0.2	<0.2	<0.2	<0.2
Muon I_{rel}	<0.3	<0.3	<0.3	<0.25