Lepton selection criteria	Preselected		Loose		Tight		Charge ID	
Lepton flavor	e	μ	e	μ	e	μ	e	μ
p_T (GeV)	>10	>10	>10	>10	>10	>10		
$\|\eta\|$	<2.5	<2.4	<2.5	<2.4	<2.5	<2.4		
Relative isolation	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4		
Charged relative isolation			<0.15	<0.20	<0.05	<0.15		
Ratio of lepton p_T to jet p_T					>0.6	>0.6		
x-y distance to vertex (mm)	<5	<5	<5	<5	<5	<5		
z distance to vertex (mm)	<10	<10	<10	<10	<10	<10		
$\|IP\|$ (mm)					<0.15			
S_{IP}	<10	<10	<10	<4	<10	<4		
Inner tracker hits								>5
Missing inner tracker hits	<2		<2		<2		0	
Tracker charge − ECAL charge							0	
Electron conversion veto							Pass	