

Variable	Selection	To suppress background from
Electron veto	$p_T > 10 \text{ GeV},  \eta  < 2.5$	$Z \rightarrow ll + \text{jets}, W(l\nu) + \text{jets}$
Muon veto	$p_T > 10 \text{ GeV},  \eta  < 2.4$	$Z \rightarrow ll + \text{jets}, W(l\nu) + \text{jets}$
$\tau$ veto	$p_T > 18 \text{ GeV},  \eta  < 2.3$	$Z \rightarrow ll + \text{jets}, W(l\nu) + \text{jets}$
Photon veto	$p_T > 15 \text{ GeV},  \eta  < 2.5$	$\gamma + \text{jets}$
b jet veto	$\text{CSVv2} < 0.8484, p_T > 20 \text{ GeV},  \eta  < 2.4$	Top quark
$p_T^{\text{miss}}$	$> 250 \text{ GeV}$	QCD multijet, top quark, $Z \rightarrow ll + \text{jets}$
$\Delta\phi(\vec{p}_T^{\text{jet}}, \vec{p}_T^{\text{miss}})$	$> 0.5$ radians	QCD multijet
Leading jet	$p_T > 100 \text{ GeV},  \eta  < 2.4$	All