

Observable	Requirement
Lepton origin	Direct decay of a W boson
Lepton definition	Dressed-leptons ($e^\pm \mu^\mp$)
Leading lepton p_T	$p_T^{\ell \max} > 25 \text{ GeV}$
Trailing lepton p_T	$p_T^{\ell \min} > 20 \text{ GeV}$
$ \eta $ of leptons	$ \eta < 2.5$
Dilepton mass	$m_{\ell\ell} > 85 \text{ GeV}$
Jet p_T	$p_T^j > 30 \text{ GeV}$
$ \eta $ of jets	$ \eta^j < 2.5$
Jet-lepton removal	$\Delta R(j, \ell) > 0.4$