

Selection criteria		Requirement	
Leading p_{T}^{μ}		$>55\text{ GeV}$	
	$ \eta_{\mu} $	<2.4	
Muon ID and isolation		high- p_{T} ID, tracker isolation	
Leading p_{T}^{j}		$>100\text{ GeV}$	
$ \eta_{\text{j}} $		<2.4	
$M_{\mu\text{j}}$		$>300\text{ GeV}$	
N_{e}		$=0$	
$p_{\text{T}}^{\mu}/p_{\text{T}}^{\text{j}}$		$(0.6, 1.6)$	
$\Delta\phi_{\mu\text{j}}$		>2.5	
$p_{\text{T}}^{\text{miss}}/\sqrt{\sum E_{\text{T}}}$		$<10\text{ GeV}^{1/2}$	
N_{j}		≥ 1	
		One-muon SR	Two-muon SR
N_{μ}		$=1$	$=2$
$M_{\mu\mu}$		—	$>110\text{ GeV}$
Subleading p_{T}^{μ}		—	$>7\text{ GeV}$