

Variable	Selections		
	SR	Z CR	Top CR
U	-	250 GeV	250 GeV
$p_{\text{T}}^{\text{miss}}$	250 GeV	-	50 GeV
N_{AK8jet}	1	1	1
	$(p_{\text{T}} > 200,$ $70 < M_{SD} < 160,$ PNet Low Purity WP)	$(p_{\text{T}} > 200,$ $70 < M_{SD} < 160,$ PNet not applied)	$(p_{\text{T}} > 200,$ $70 < M_{SD} < 160,$ PNet Low Purity WP)
N_{leptons}	0	2	1
M_{ll}	-	[60-120]	-
$p_{T \text{ ll}}$	-	200	-
N_{jets}	≤ 2	≤ 2	≤ 2
N_{bjets}	0	0	1
$\Delta\phi(p_{\text{T}}^{\text{miss}}, \text{AK4 jet})$	> 0.4	-	-
$\Delta\phi(p_{\text{T}}^{\text{miss}}, \text{AK8 jet})$	> 0.8	-	-