

Selection	Signal regions	CR2 ℓ	CR0b	CRMb \bar{b}
N(leptons)	=1	=1 or 2	=1	=1
Isolated track veto	✓	inverted if 1 ℓ	✓	✓
Tau candidate veto	✓	inverted if 1 ℓ	✓	✓
Number of b tags	=2	=2	=0	=2
Preselection level				
$M_{b\bar{b}}$ [GeV]	—	—	$\in[90,150]$	$\notin[90,150]$
E_T^{miss} [GeV]	≥ 125	≥ 125	≥ 125	≥ 125
M_T [GeV]	> 50	> 150	> 50	> 150
M_{CT} [GeV]	—	—	> 170	—
Signal region selection level				
$M_{b\bar{b}}$ [GeV]	$\in[90,150]$		$\in[90,150]$	$\notin[90,150]$
E_T^{miss} [GeV]	$[125, 200), \geq 200$	not used	$[125, 200), \geq 200$	$[125, 200), \geq 200$
M_T [GeV]	> 150		> 150	> 150
M_{CT} [GeV]	> 170		> 170	> 170