

Variable	SRDL		CRDL				
		$t\bar{t}(2\ell)$	NPR1	NPR2	VV	Z	$\tau\tau$
$Q(\ell_1)Q(\ell_2)$	-1		+1	+1			
$\ell_1 \ell_2$	$\mu\mu, \mu e, e\mu$	$\mu\mu, \mu e$		$\mu\mu, \mu e$	$\mu\mu, \mu e$	$\mu\mu$	
$p_T(\ell_1)$ (GeV)	5(7)-25	>25		>25	>25	>125	
$p_T(\ell_2)$ (GeV)	5(7)-15	>15			>15	>10	
$ \eta (\ell)$	<1.5					<2.1	
d_{xy}, d_z (ℓ) (cm)	<0.01					<0.02, <0.5	
p_T (ISR jet) (GeV)	>150						
p_T (jet3) (GeV)	<60						
Number of b jets	0	1			0 (loose id.)		
Number of jets	≥ 1				1 or 2		
$ \Delta\phi(\ell_1, \text{ISR jet}) $ (rad)	—				>1		
E_T^{miss} (GeV)	>200	>125		>125	>125	—	
E_T^{miss}/H_T	>2/3	—		—	—	—	
L_T (GeV)	—	>225		>225	>225	—	
L_T/H_T	—	>2/3		>2/3	>2/3		
$p_T(\mu\mu)$ (GeV)	—					>200	
$p_T(\mu\mu)/H_T$	—					>2/3	
$m(\ell\ell)$ (GeV)	>5				>50	>10	
$m(\tau\tau)$ (GeV)	>160					—	<160