

Object	Selection	Signal Regions			
		$e\tau_h$	$\mu\tau_h$	$e\tau_h\tau_h$	$\mu\tau_h\tau_h$
Prompt electrons	N	=1	=0	=1	=0
	p_T	>(30, 35, 35)	>10	>(30, 35, 35)	>10
	$ \eta $	<2.1	<2.5	<2.1	<2.5
	I_{rel}	<0.15	<0.25	<0.15	<0.25
Prompt muons	N	=0	=1	=0	=1
	p_T	>10	>(26, 29, 26)	>10	>(26, 29, 26)
	$ \eta $	<2.4	<2.4	<2.4	<2.4
	I_{rel}	<0.25	<0.15	<0.25	<0.15
τ_h objects	N		=1		=2
	p_T		>20		>20
	$ \eta $		<2.3		<2.3
	$ Q_{*\tau_h} $		=0, 2		=0
Jets	N		≥ 3		≥ 2
	p_T		>30		>30
	$ \eta $		<2.4		<4.7
b jets	N		≥ 1		≥ 1
	p_T		>30		>30
	$ \eta $		<2.4		<2.4
Event-based	p_T^{miss}		>40		>30
	S_T		—		>400