

Channel	N_{τ_h}	N_ℓ	N_j	N_b	H_T (GeV)	$p_T^{6^{\text{th}} \text{ jet}}$ (GeV)	p_T^ℓ (GeV)	other (GeV)
$1\tau_h 0\ell\text{SR}$	1	0	≥ 8	≥ 3	>500 (480)	>40 (38)	-	-
$1\tau_h 0\ell\text{MR}$	1	0	≥ 6	$= 2$	>500 (480)	>40 (38)	-	-
$1\tau_h 0\ell\text{VR}$	1	0	6, 7	≥ 3	>500 (480)	>40 (38)	-	-
$1\tau_h 1\ell\text{SR}$	1	1	≥ 7	≥ 3	>500 (480)	>40 (38)	>10	-
$1\tau_h 1\ell\text{CR1}$	1	1	≥ 6	≥ 2	>500 (480)	>40 (38)	>10	-
$1\tau_h 2\ell\text{SR}$	1	2	≥ 4	≥ 2	>200	-	$p_T^{1^{\text{st}} \ell} > 25, p_T^{2^{\text{nd}} \ell} > 20$	$ m(\ell\ell, \text{OSSF}) - m_Z \geq 15$
$1\tau_h 2\ell\text{CR2}$	1	2	≥ 2	≥ 1	>200	-	$p_T^{1^{\text{st}} \ell} > 25, p_T^{2^{\text{nd}} \ell} > 20$	$ m(\ell\ell, \text{OSSF}) - m_Z \geq 15$