

Channel	Vector boson decay products selection	Vector boson selection	Jet selection
MET small-radius		$p_{\text{T}}^{\text{miss}} > 150 \text{ GeV}$	≥ 4 small-radius jets with $p_{\text{T}} > 35 \text{ GeV}$
MET large-radius		$p_{\text{T}}^{\text{miss}} > 250 \text{ GeV}$	≥ 2 large-radius jets with $p_{\text{T}} > 200 \text{ GeV}$
1L	$p_{\text{T}}(\text{e}) > 32 \text{ (28) GeV}$ 2018/2017 (2016) OR $p_{\text{T}}(\mu) > 25 \text{ GeV}$	$p_{\text{T}}(\text{W}) > 125 \text{ GeV}$	≥ 3 small-radius jets with $p_{\text{T}} > 25 \text{ GeV}$ AND ≥ 4 small-radius jets with $p_{\text{T}} > 15 \text{ GeV}$ OR ≥ 2 large-radius jets with $p_{\text{T}} > 200 \text{ GeV}$
2L	$p_{\text{T}}(\mu_{1[2]}) > 20 \text{ [20] GeV}$ OR $p_{\text{T}}(\text{e}_{1[2]}) > 25 \text{ [20] GeV}$	$p_{\text{T}}(\ell\ell) > 50 \text{ GeV}$	≥ 4 small-radius jets with $p_{\text{T}} > 20 \text{ GeV}$
FH	$p_{\text{T}}(\text{j}_i) > 20 \text{ GeV}$	$65 < m_{\text{jj},\text{V}} < 105 \text{ GeV}$	≥ 4 small-radius jets with $p_{\text{T}} > 40 \text{ GeV}$ and ≥ 6 small-radius jets with $p_{\text{T}} > 20 \text{ GeV}$