

Variable	Mono-V requirement	Monojet requirement
E_T^{miss}	$> 250 \text{ GeV}$	$> 200 \text{ GeV}$
Leading AK4 jet p_T		$> 100 \text{ GeV}$
Leading AK4 jet $ \eta $		< 2.5
Charged hadron energy fraction of leading AK4 jet		> 0.1
Neutral hadron energy fraction of leading AK4 jet		< 0.8
Number of muons ($p_T > 10 \text{ GeV}, \eta < 2.4$)		0
Number of electrons ($p_T > 10 \text{ GeV}, \eta < 2.5$)		0
Number of τ leptons ($p_T > 18 \text{ GeV}, \eta < 2.3$)		0
Number of photons ($p_T > 15 \text{ GeV}, \eta < 2.5$)		0
Number of b jets ($p_T > 15 \text{ GeV}, \eta < 2.4$)		0
$\Delta\phi$ between four highest p_T jets and E_T^{miss}		> 0.5 radians
Leading AK8 jet p_T	$> 250 \text{ GeV}$	Fails any of the mono-V AK8 jet requirements
Leading AK8 jet η	< 2.4	
Leading AK8 jet τ_2/τ_1	< 0.6	
Leading AK8 jet mass (m_J)	$65 < m_J < 105 \text{ GeV}$	