

Resolved

Boosted

lepton veto

AK4 jets

$$p_T > 30 \text{ GeV and } |\eta| < 2.4$$

$$N_{\text{jets}} \geq 6$$

$$H_T > 500 \text{ GeV, } p_T^{(6)} > 45 \text{ GeV}$$

at least two b-tagged jets

$$\Delta R_{bb} > 2.0$$

$$\text{kin. fit probability} > 0.02$$

$$150 < m_t < 200 \text{ GeV}$$

lepton veto

AK8 jets

$$p_T > 200 \text{ GeV, } |\eta| < 2.4, m_{SD} > 50 \text{ GeV}$$

$$N_{\text{jets}} \geq 2$$

$$p_T^{(1)} > 450 \text{ GeV}$$

both jets should contain one b-tagged subjet

$$\mathcal{F} > 0$$

$$150 < m_{SD}^{(1)} < 200 \text{ GeV}$$