

$H_T > 1200$ ,  $M_J 12 > 300$ ,  $((n_{\text{jets}} \geq 4, n_{\text{jets}} \leq 5) || (n_{\text{jets}} \geq 6, n_{\text{jets}} \leq 7, M_J 12 < 800))$ ,  $1, \text{mus\_sigid}, p_T^\mu > 20, n_b \geq 1, \text{MET} < 50$

