

$$M_T(\mathbf{b}_{1,2}, \vec{p}_T^{\text{miss}}) < 175 \text{ GeV}$$

$$M_T(\mathbf{b}_{1,2}, \vec{p}_T^{\text{miss}}) \geq 175 \text{ GeV}$$

$$N_b = 1$$

$$N_b \geq 2$$

$$N_b = 1$$

$$N_b \geq 2$$

$$5 \leq N_j \leq 6$$

$$5 \leq N_j \leq 6$$

$$5 \leq N_j \leq 6$$

$$5 \leq N_j \leq 6$$

$$N_j \geq 7$$

$$N_j \geq 7$$

$$N_j \geq 7$$

$$N_j \geq 7$$

$$N_j \geq 5$$

$$N_j \geq 5$$

$$N_t = 0$$

$$N_t \geq 1$$