

Requirement

$$p_{\text{T}}(J_{1,2}) > 200 \text{ GeV}, \quad \eta(J_{1,2}) < 2.4$$

$$R_{\text{T}} > 0.15$$

$$\Delta\eta(J_1, J_2) < 1.5$$

$$M_{\text{T}} > 1500 \text{ GeV}$$

$$N_{\mu} = 0$$

$$N_{\text{e}} = 0$$

$p_{\text{T}}^{\text{miss}}$ filters

$$\Delta R(j_{1,2}, c_{\text{dead}}) > 0.1$$

$$\text{veto } f_{\gamma}(j_1) > 0.7 \ \& \ p_{\text{T}}(j_1) > 1000 \text{ GeV}$$

$$\Delta\phi_{\text{min}} < 0.8$$
