

Sample	Event selection
Z+jet	≥ 2 muons with $ \eta < 2.4$ and $p_{\text{T}}^{\mu} > 26$ GeV Opposite-charge muons $ m_{\mu\mu} - m_{\text{Z}} < 20$ GeV $p_{\text{T}}^{\text{Z}} > 30$ GeV ≥ 1 jet with $ y < 1.7$ and $p_{\text{T}}^{\text{j}} > 30$ GeV, $\Delta R(\text{j}_1, \mu_{1,2}) > R = 0.4$ or 0.8 $\Delta\phi(\text{j}_1, \text{Z}) > 2$ $ p_{\text{T}}^{\text{j}_1} - p_{\text{T}}^{\text{Z}} / (p_{\text{T}}^{\text{j}_1} + p_{\text{T}}^{\text{Z}}) < 0.3$
Dijet (central and forward)	≥ 2 jets with $ y < 1.7$ and $p_{\text{T}}^{\text{j}} > 30$ GeV $\Delta\phi(\text{j}_1, \text{j}_2) > 2$ $ p_{\text{T}}^{\text{j}_1} - p_{\text{T}}^{\text{j}_2} / (p_{\text{T}}^{\text{j}_1} + p_{\text{T}}^{\text{j}_2}) < 0.3$