

CMS *Preliminary*138 fb⁻¹ (13 TeV)

Events / bin

VR low $\Delta\phi^*$

Data

 $t\bar{t}$ +jets

Single t

VV(V)+ $t\bar{t}$ X γ +jetsZ $\rightarrow$ $\nu\nu$

Multijet

W+jets

Z $\rightarrow$ ll

H+jets

Data/MC

Stat. unc.

Stat. + syst. unc.

 $(M_R - 800) \times (R^2 - 0.08) \text{ (GeV)}$ 