## **CMS** Simulation

2e1μ channel -  $\kappa_{tZc}$ Region: TTSR 100  $\Delta R(Z,b)$ 100 80  $m_7$ 100  $\Delta \phi(Z, I_{\text{NM}})$ 60 100  $\Delta R(Z,I_{M})$ 100 -23 40  $\Delta$ R(FCNC jet,b) 100 20  $\Delta R(Z, FCNC jet)$ 100 -13 0 CSVv2 FCNC jet 100 -20 Total Inv. Mass 51 100  $\Delta R(I_{_{\hspace{-0.05cm}W}},b)$ -40 53 100 -25 -31  $m_{top}^{FCNC}$ 100 -60 Inv. Mass  $l_{w}$ +b 100 53 -80 # CSVv2 M 100 -13 -13 -100mFCNC top  $\Delta R(I_{\rm W},b)$  $\Delta$  R(Z,b)  ${\rm E}_{\rm Z}$ # CSVv2 M Total Inv. Mass  $\Delta R(Z,I_{\rm W})$ Inv. Mass I<sub>w</sub>+b CSVv2 FCNC jet ΔR(Z, FCNC jet)  $\Delta \phi(Z, I_{W})$ AR(FCNC jet,b)