35.9 fb⁻¹ (13 TeV) Events / 20.00 GeV Data CMS Internal ZZTo4L 10⁴ ttV/X other tZq WZTo3LNu amc 80X non prompt DD ST FCNC tZc (X 10) 10³ ST FCNC tZu (X 10) TT FCNC tZc (X 10) TT FCNC tZu (X 10) 10^2 10 Data/MC 8.0 0.6 100 150 200 250 300 350 400 450 500 inv. mass FCNC top (GeV)