35.9 fb⁻¹ (13 TeV) 10⁶ Events / 4.00 GeV CMS Internal Data ZZTo4L ttV/X other 10⁵ tZq WZTo3LNu amc 80X non prompt DD ST FCNC tZc (X 10) ST FCNC tZu (X 10) 10⁴ TT FCNC tZc (X 10) TT FCNC tZu (X 10) Uncertainty 10³ 10^2 10 Data/MC 1.4 8.0 75 80 85 90 95 105 70 100 inv. mass Z boson (GeV)