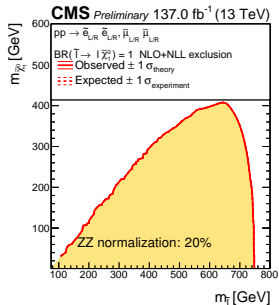
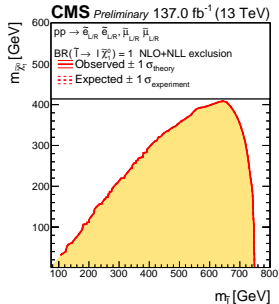
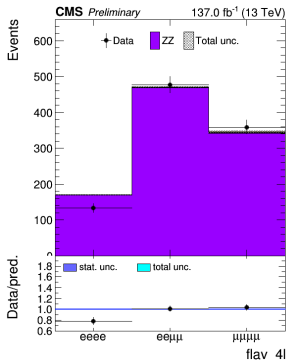


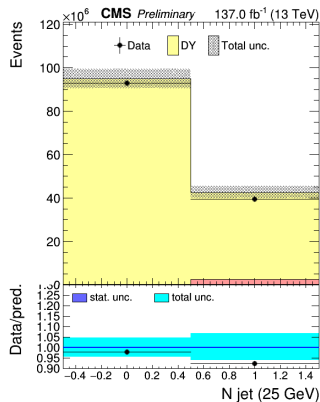
SLEPTON SIGNAL AND CONTROL REGIONS

- ▶ Slight trend visible
- ▶ Normalization systematics are not included in the plot
- ▶ Could raise the systematic uncertainty associated to ZZ to cover this effect, limits barely change when having a 20% uncertainty (see plots in the right)



JET MULTIPLICITY IN THE DY CONTROL REGION

- ▶ Checking the efficiency in DY events of the jet veto
- ▶ Showing plots with JES and ISR systematic
 - ▶ ISR systematic is not added to DY events in the analysis
 - ▶ Here it's just added to mimic its effect in signal
- ▶ Distribution is compatible with MC within statistics



RAISING JET THRESHOLD

- ▶ Checking the effect of raising thresholds in regions with and without jets
- ▶ Effect is small
 - ▶ Events migrate from one region to the other
 - ▶ No big effect, but setting threshold to 25 GeV works better

