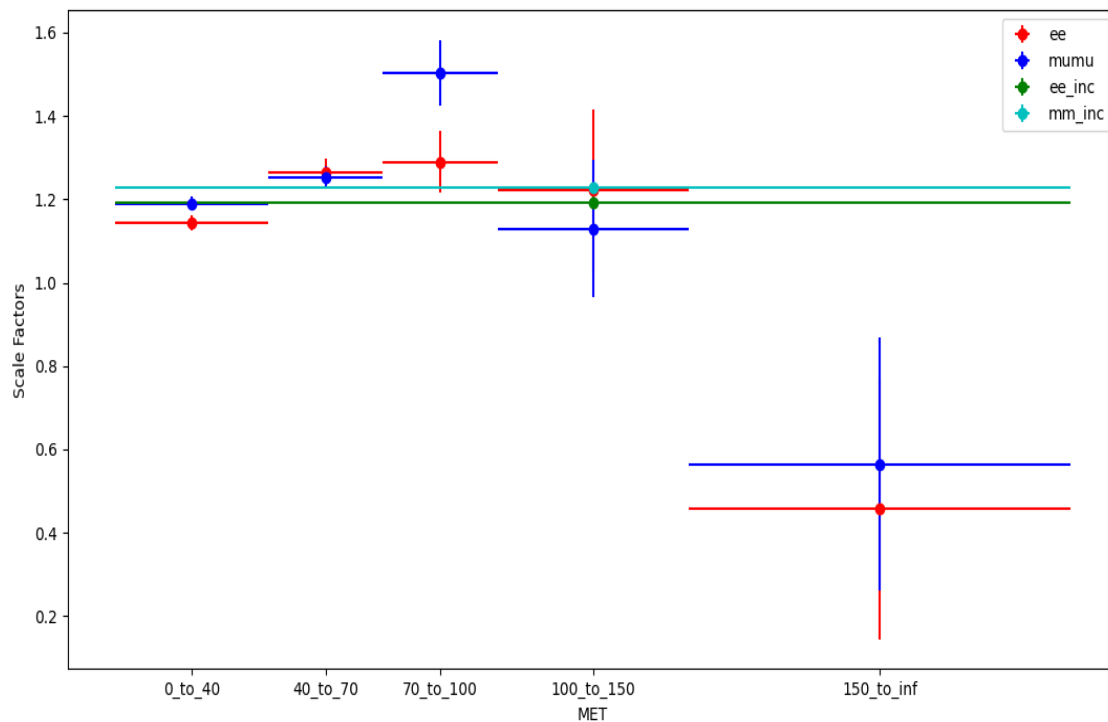
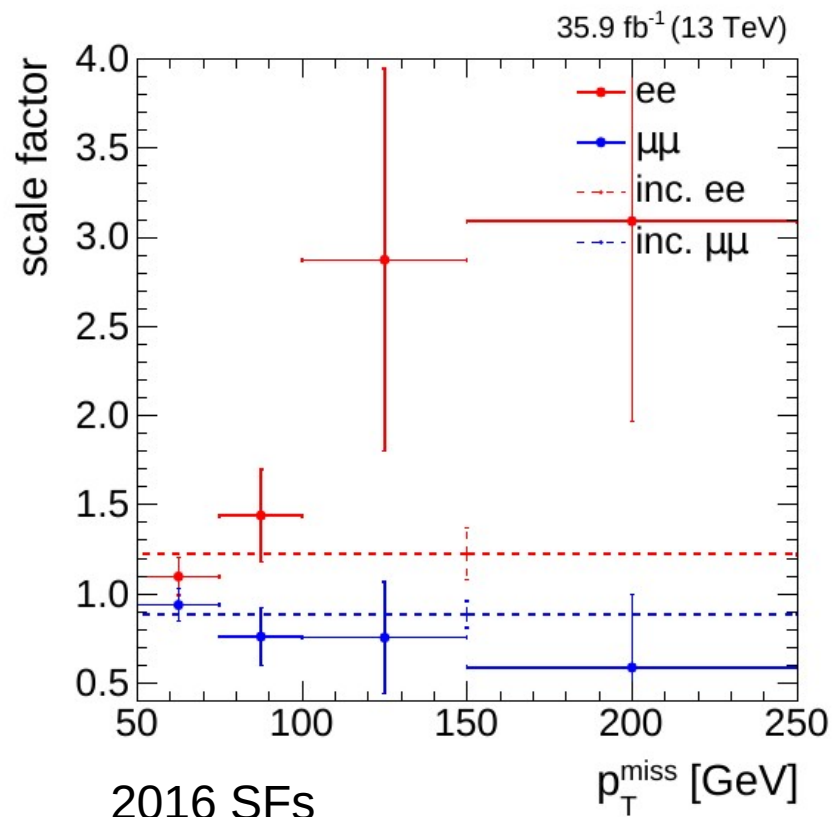
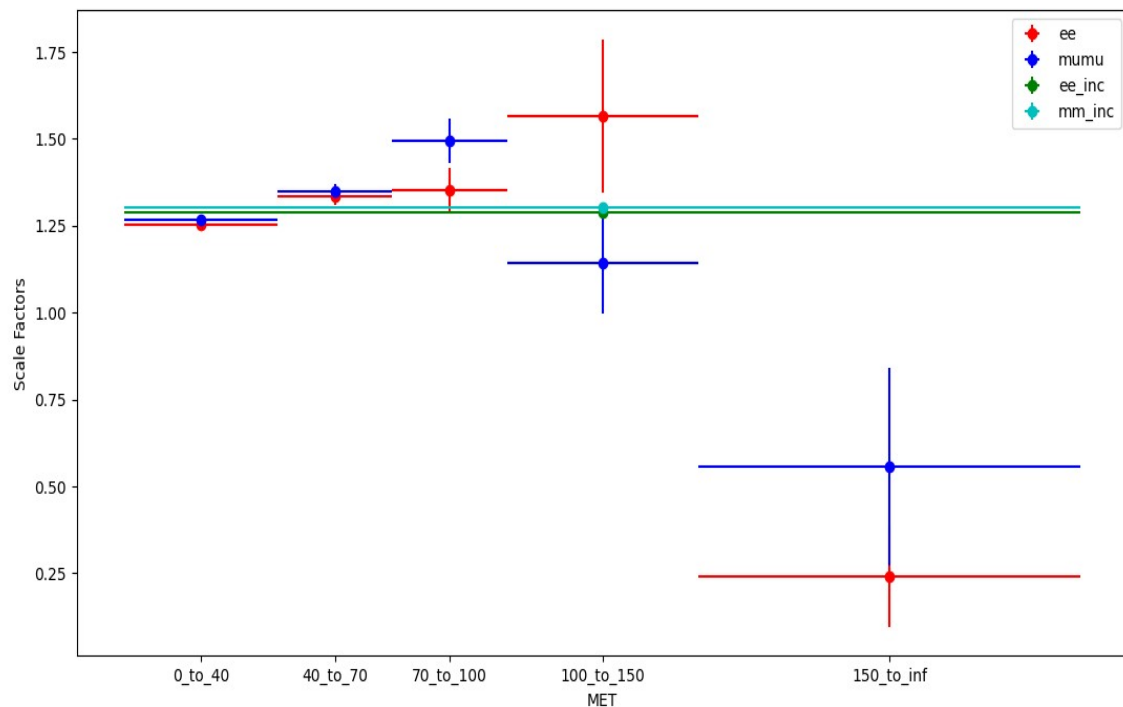
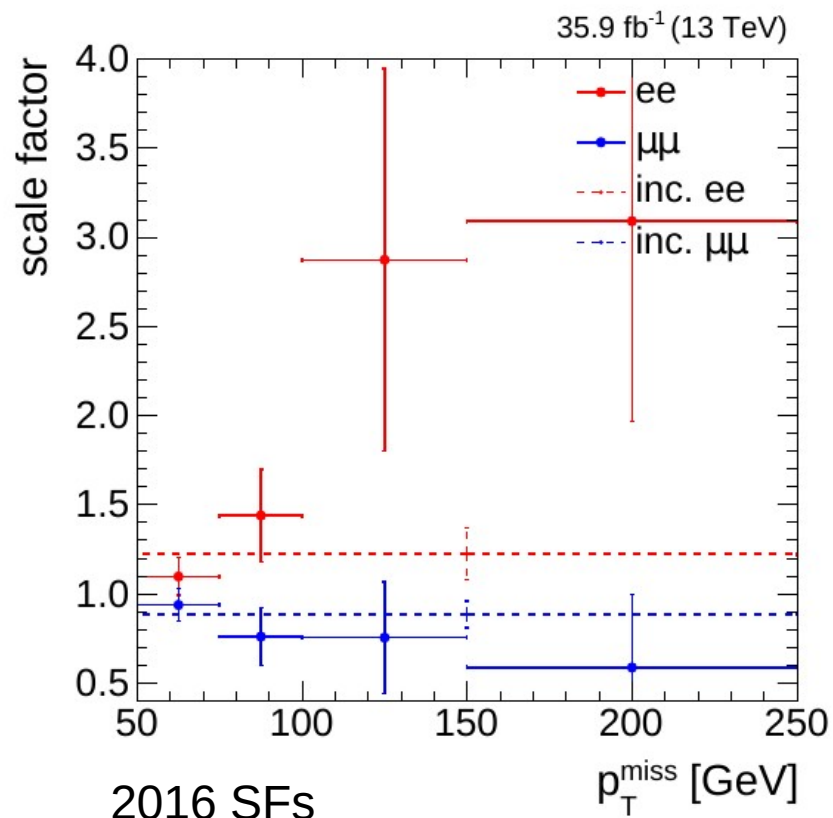


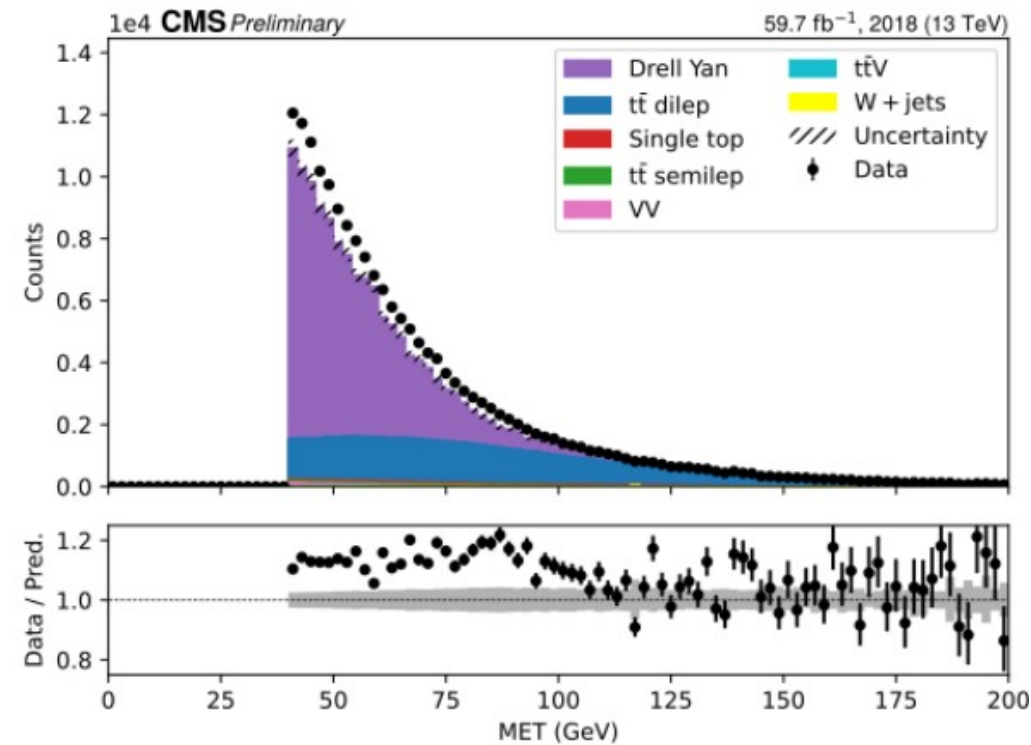
# NLO DY Sfs with errors



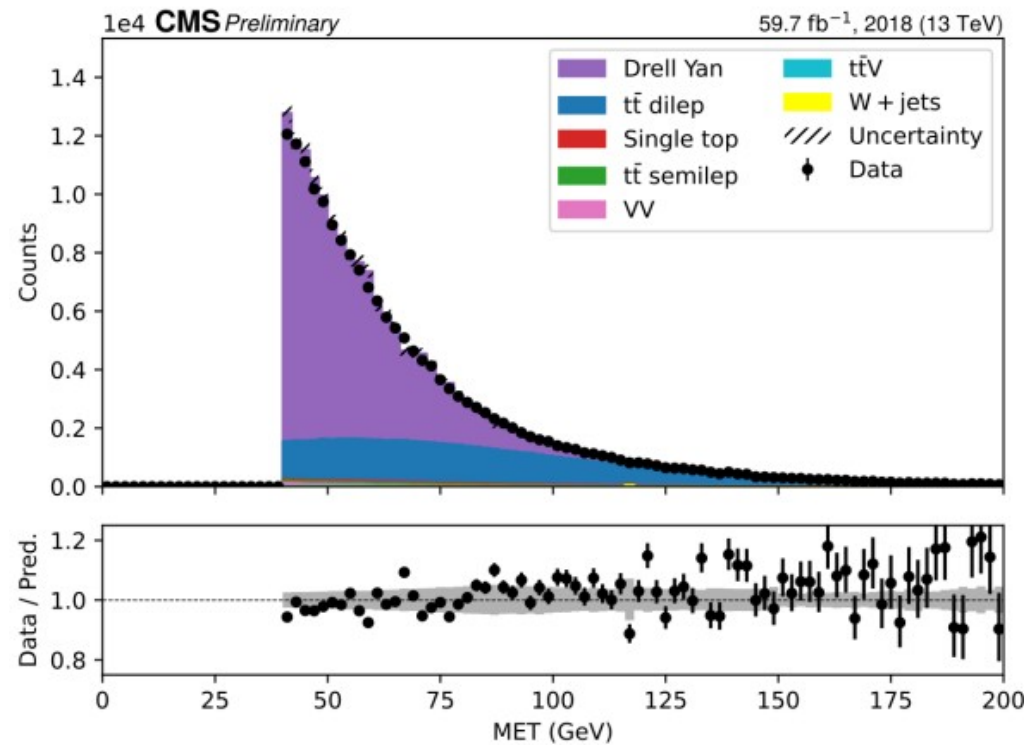
# LO DY Sfs with errors



# Applying MET binned SFs

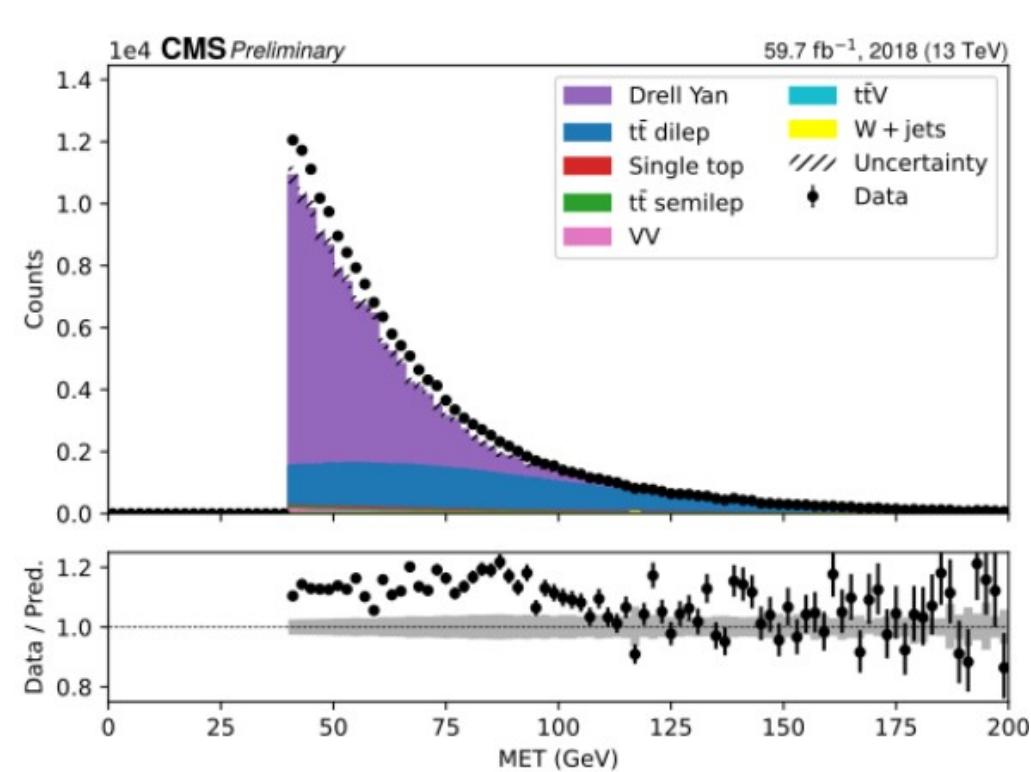


Without SFs

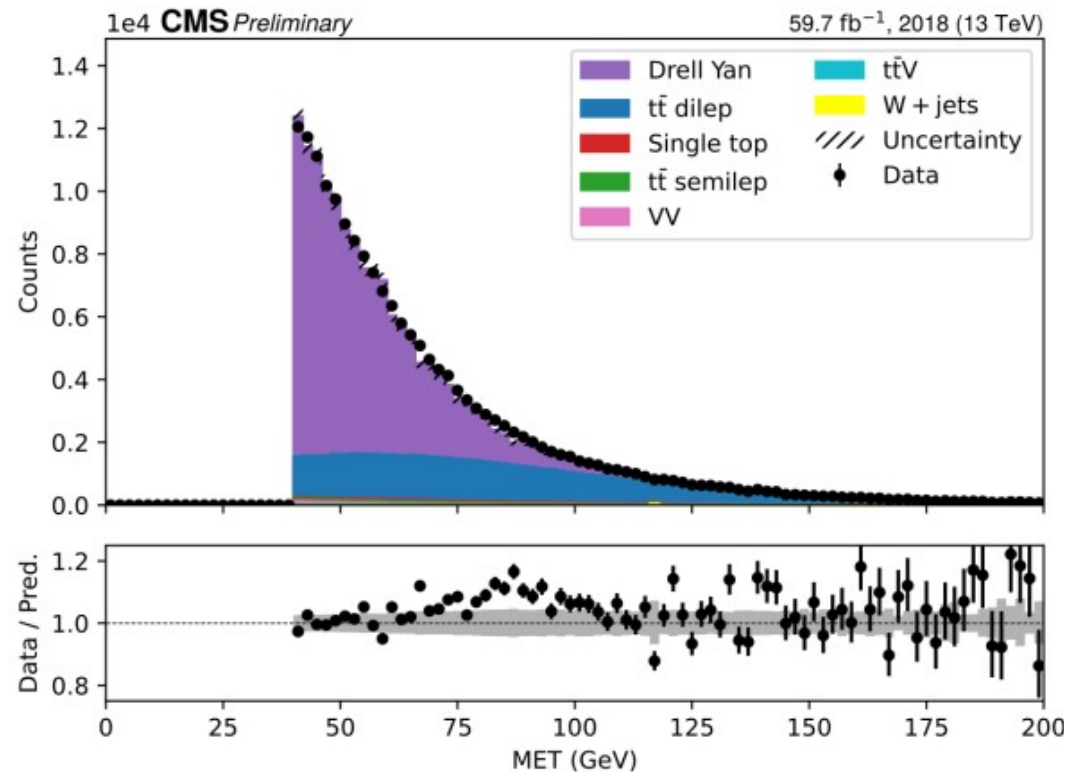


With SFs

# Applying Inclusive SFs

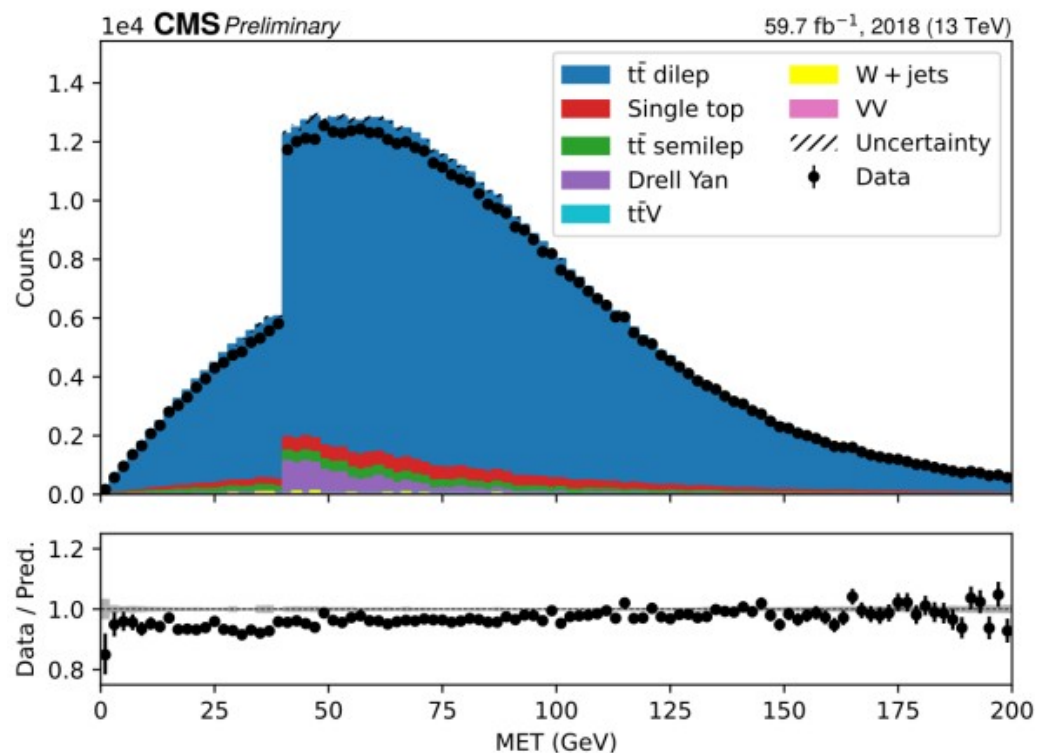


Without SFs

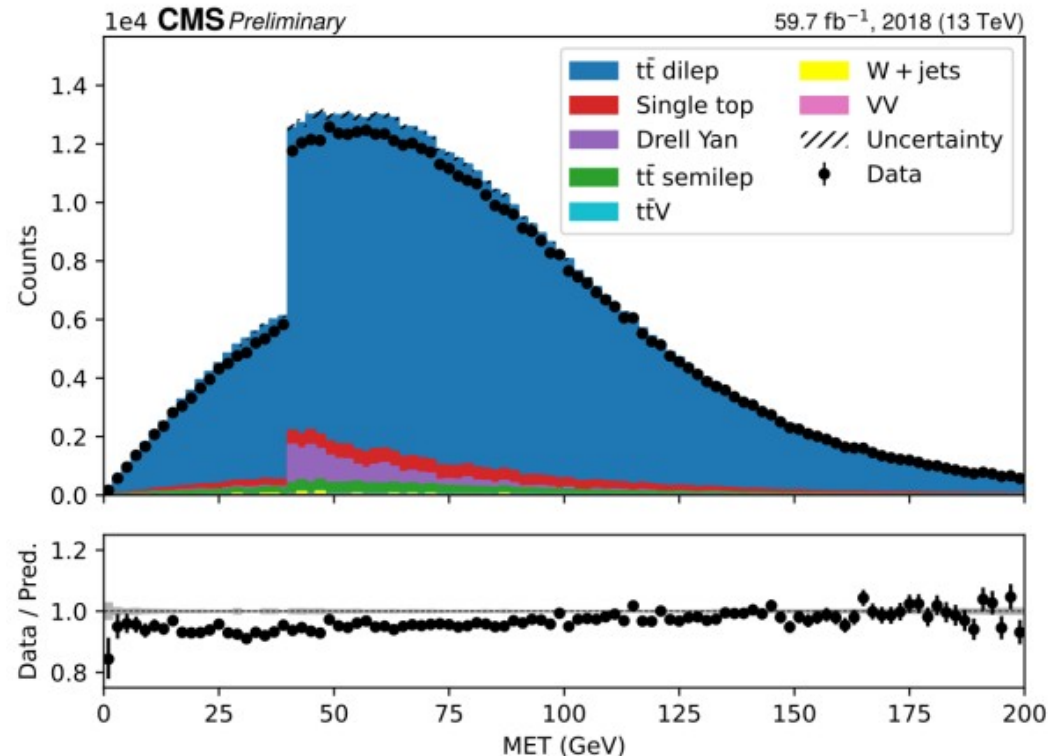


With SFs

# Applying SFs outside of Z window

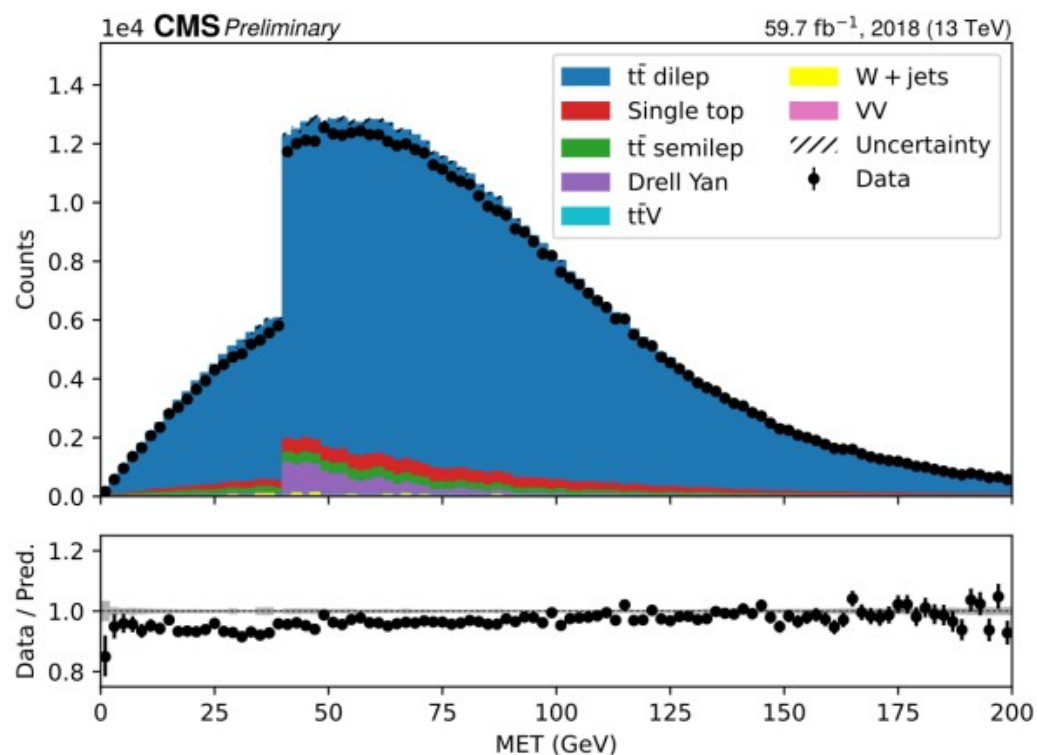


Without SFs

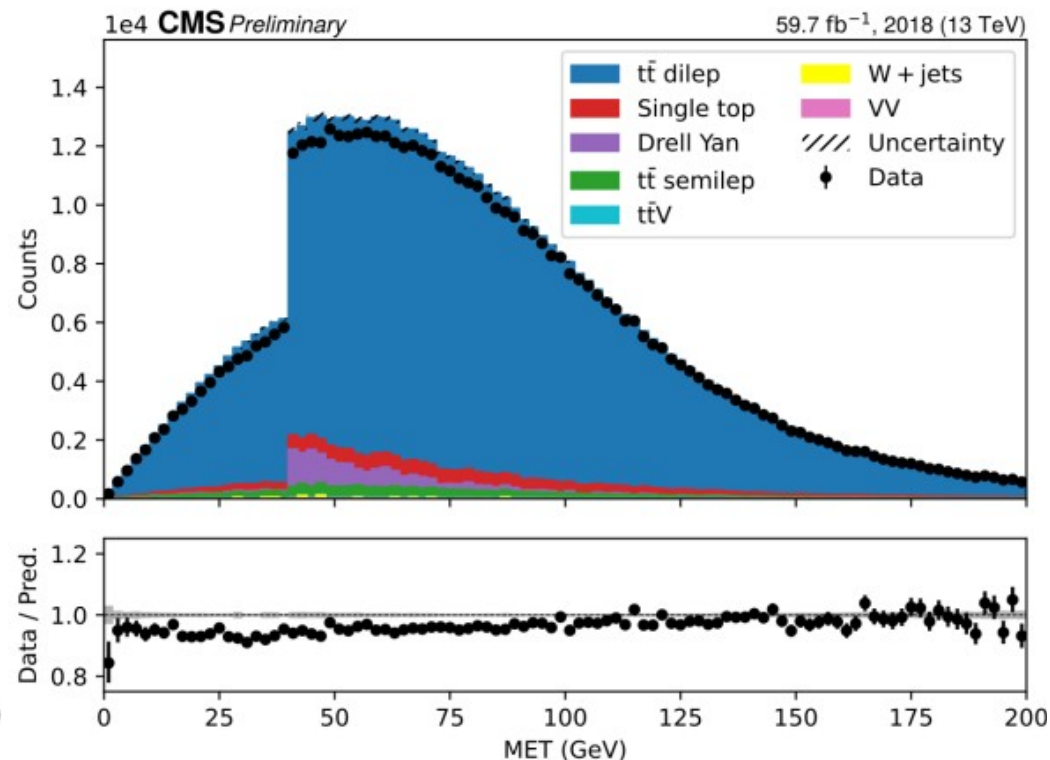


With MET binned SFs

# Applying SFs outside of Z window

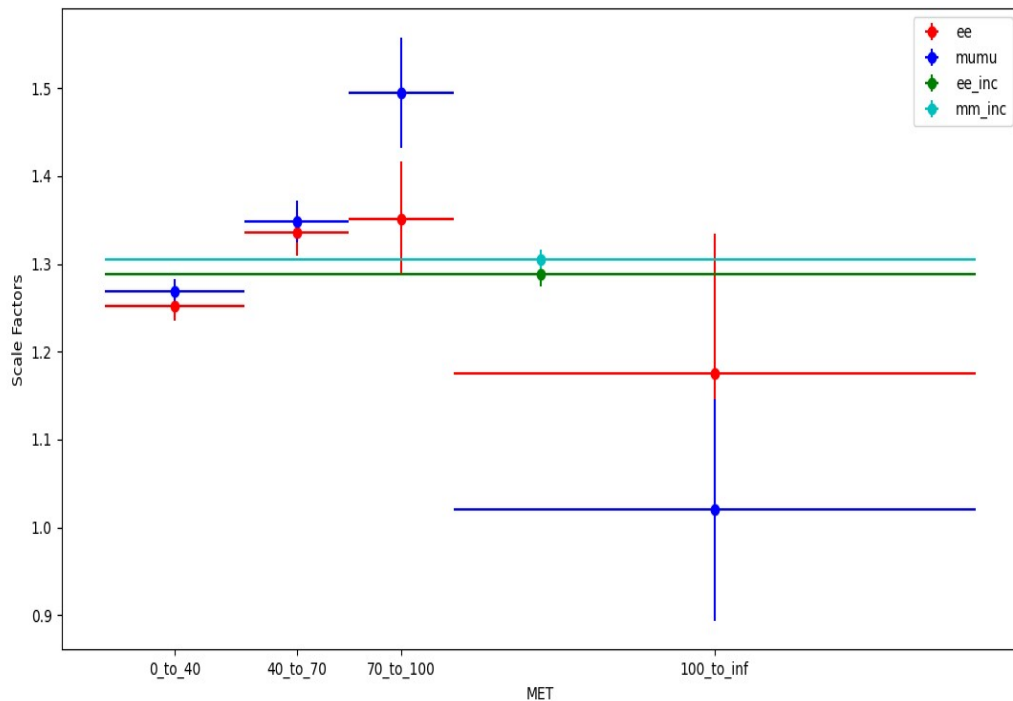


Without SFs

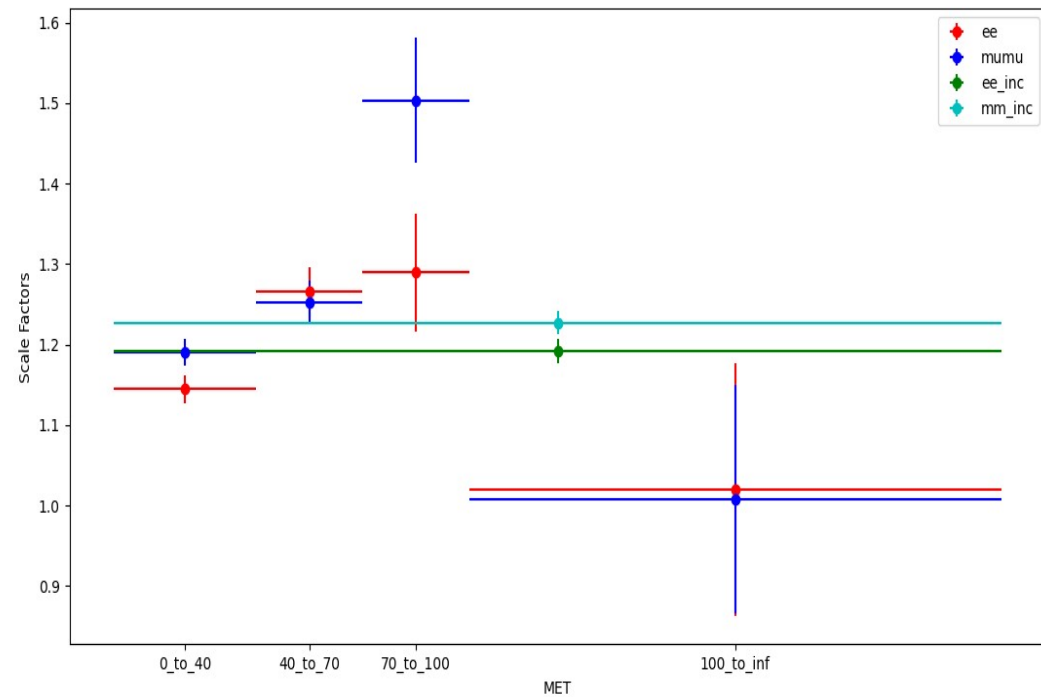


With Inclusive SFs

# Combining last two bins

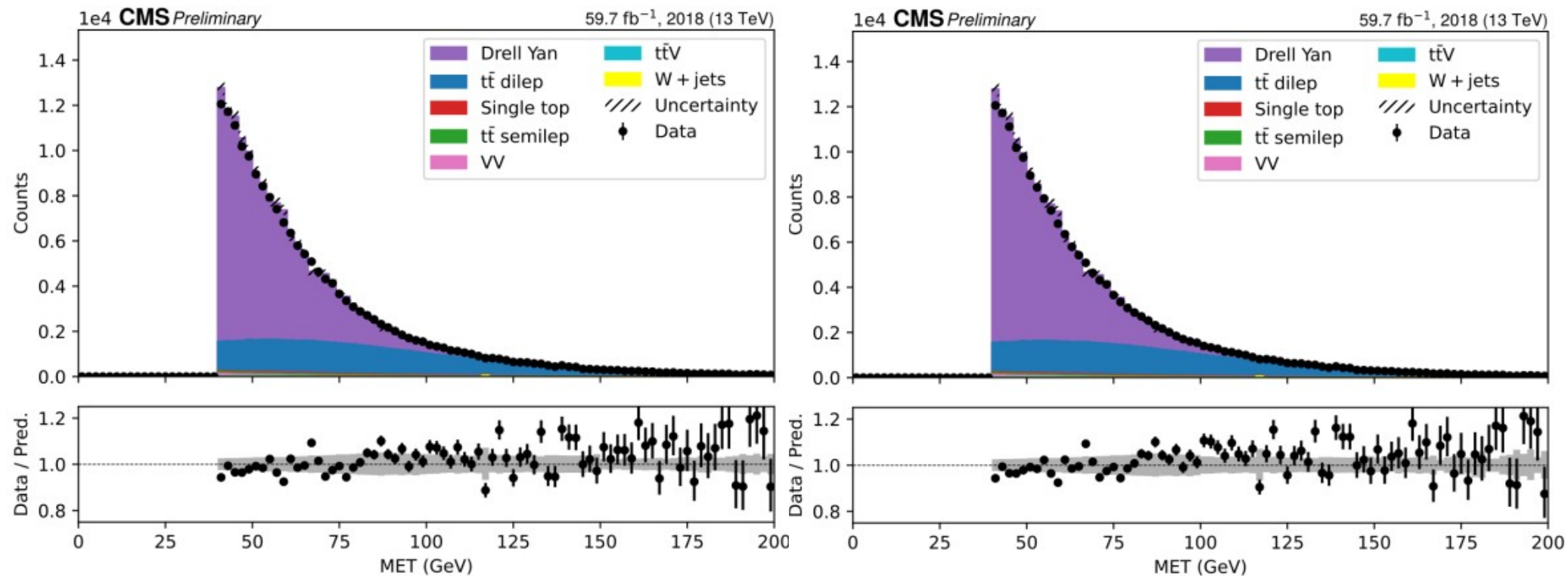


LO SFs



NLO SFs

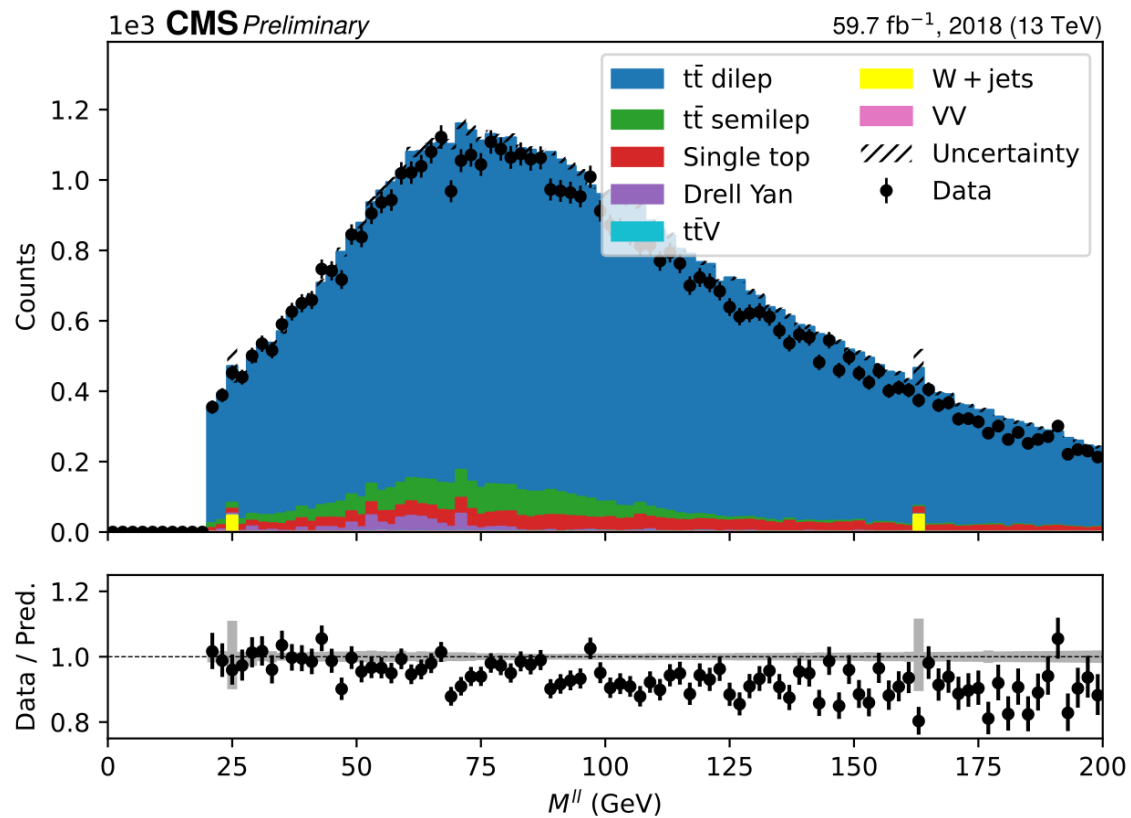
# Combining last two bins



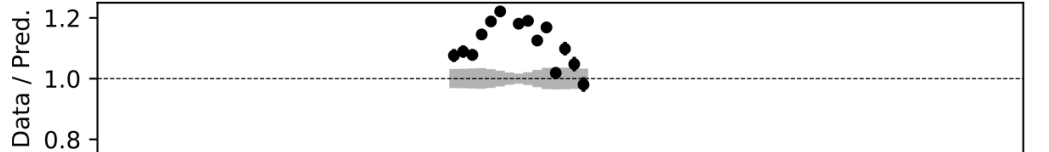
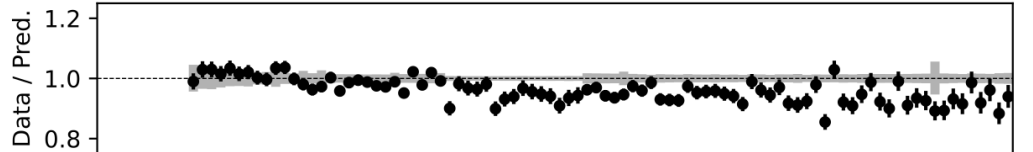
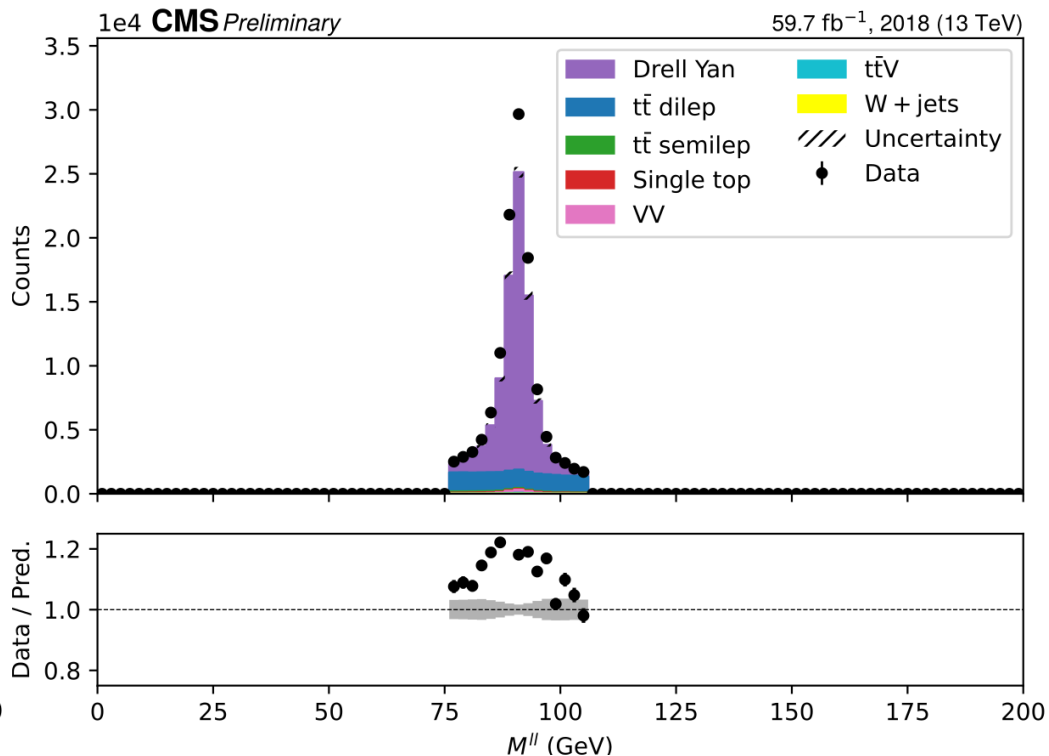
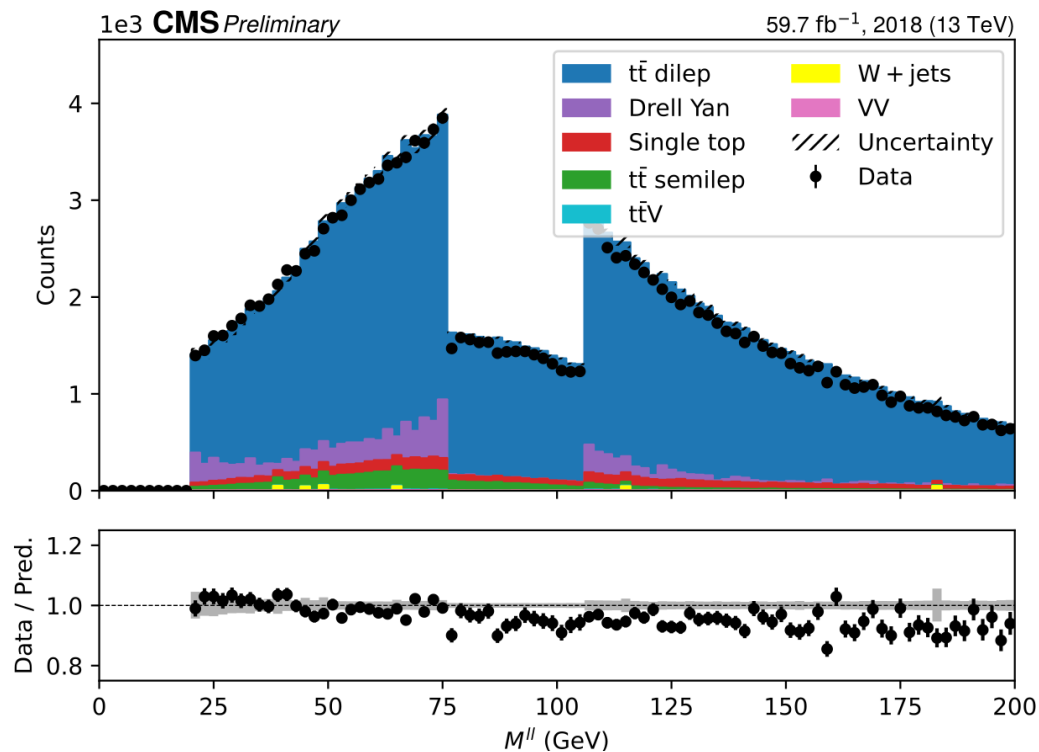
Old binning

New binning

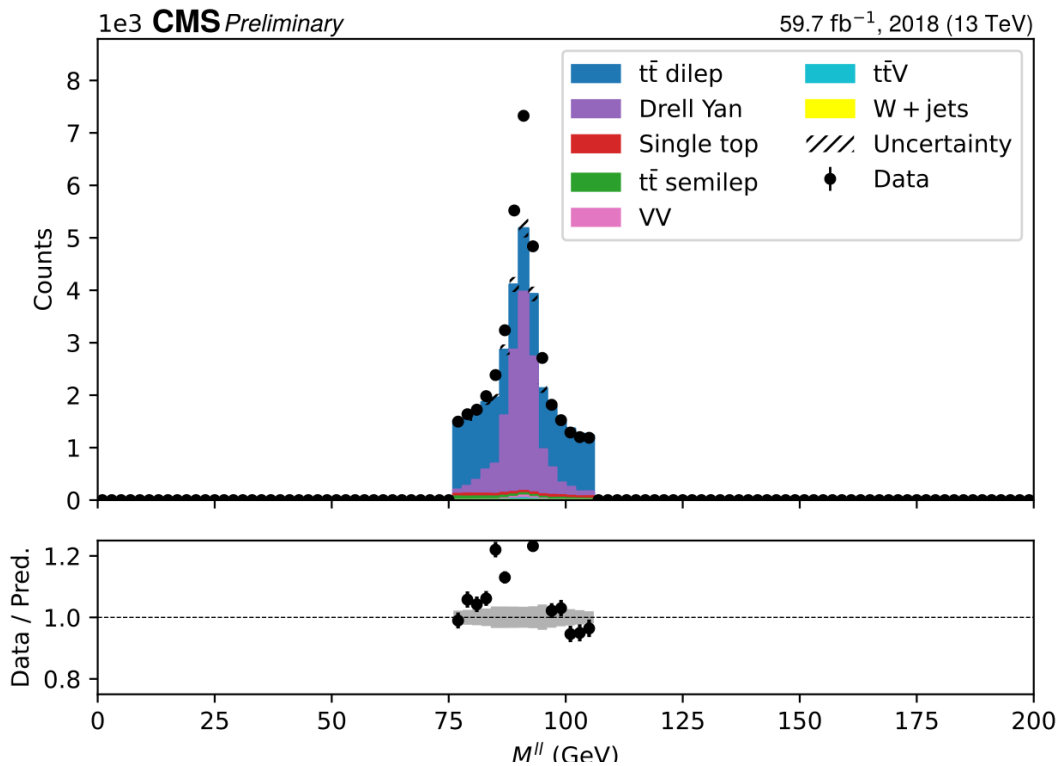
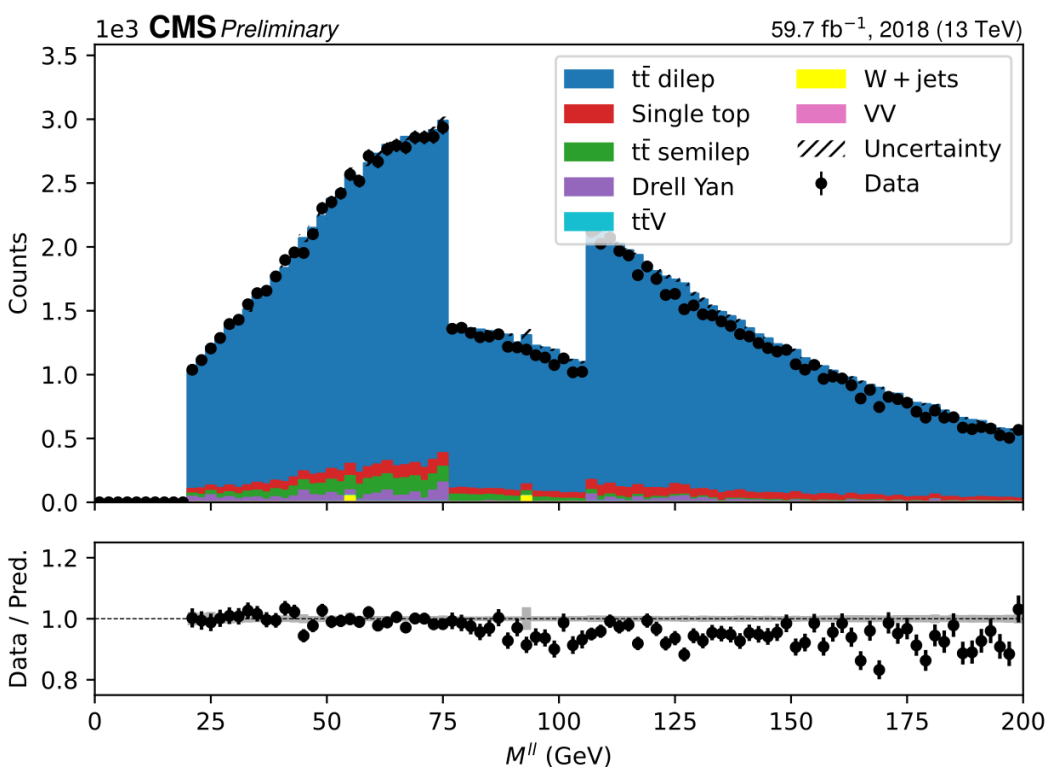
# MII for MET<40



# MII for $40 < \text{MET} < 70$



# MII for $70 < \text{MET} < 100$



# MII for MET>100

