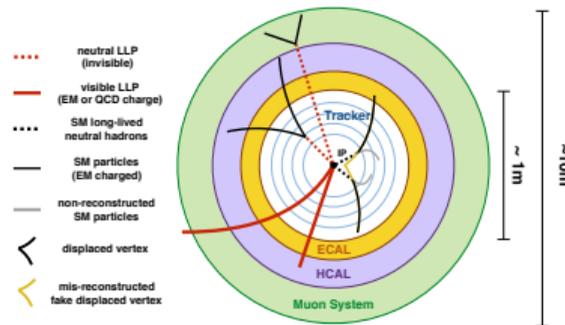


Search for long lived particles decaying in the CMS calorimeters

Updates



06 July 2020

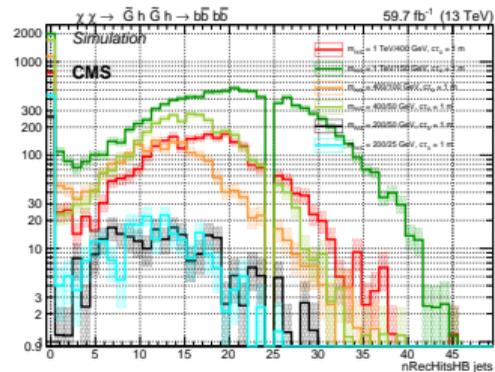
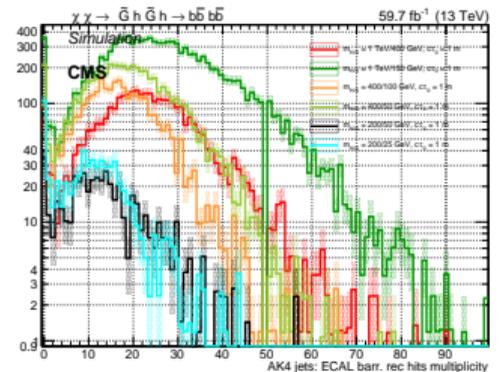
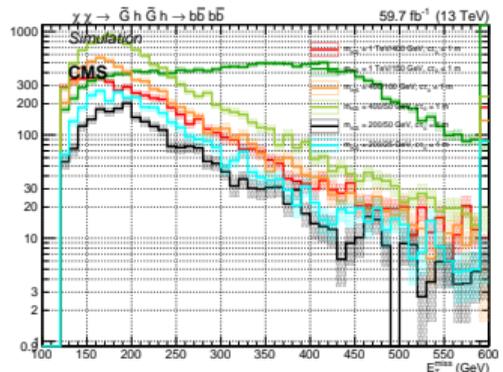
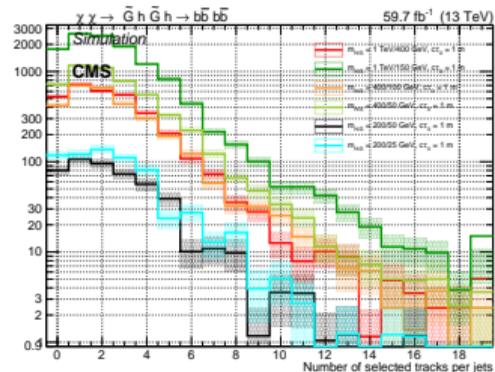
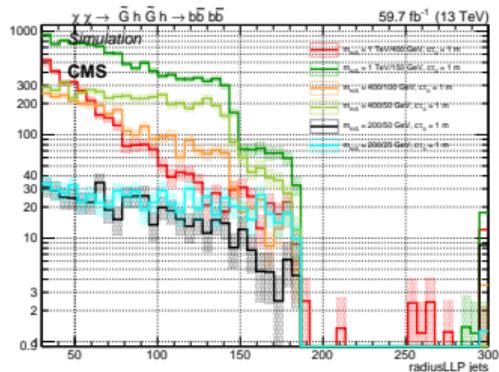
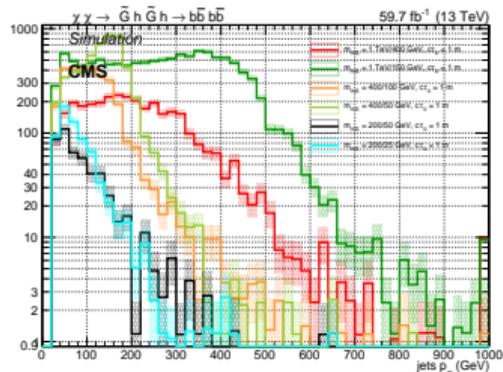
Lisa Benato, Melanie Eich, Julia Heiken, Gregor Kasieczka, Karla Peña, Jörg Schindler, Imahn Shekhzadeh (Hamburg University)

Updates

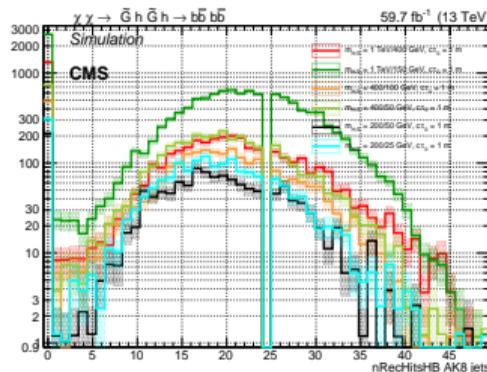
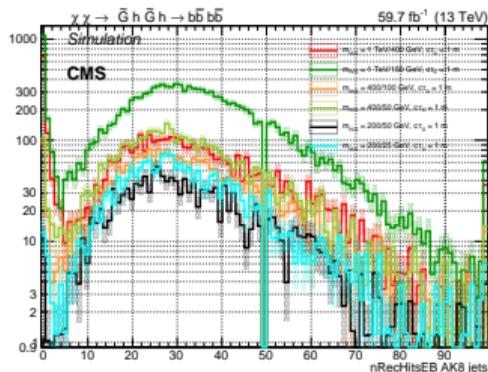
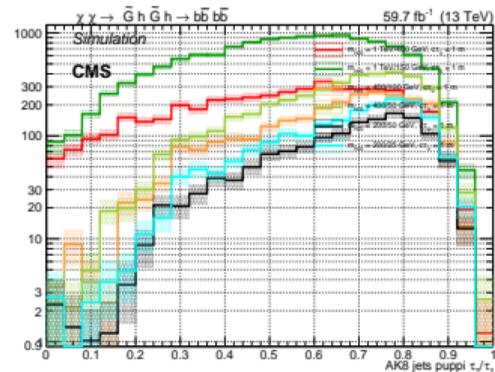
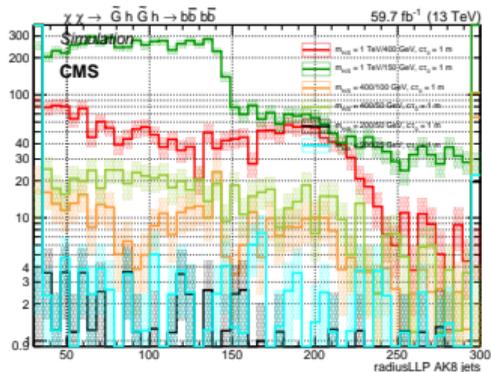
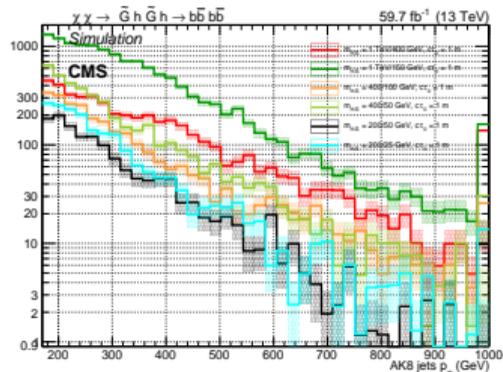
- MC ntuples ready
- Need to submit data, but there is an error with JER..
 - Thanks to Melanie and Anna, I have something to try in the afternoon!

Additional Heavy Higgs mass points

Signal distributions: AK4

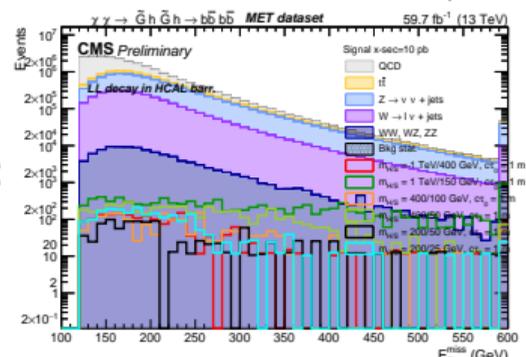
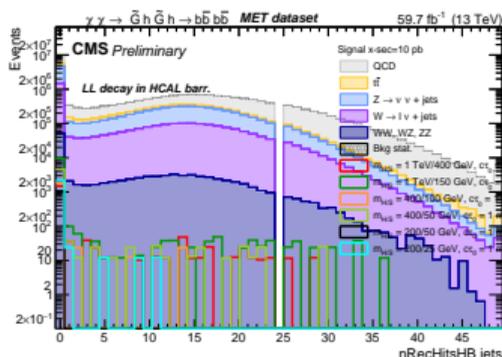
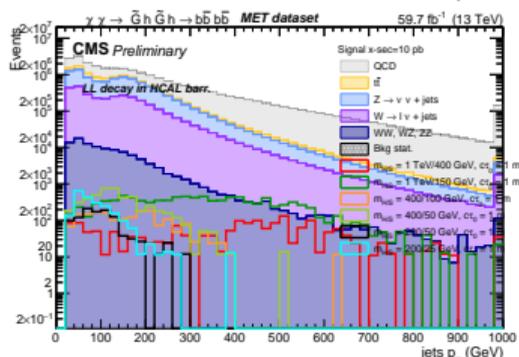
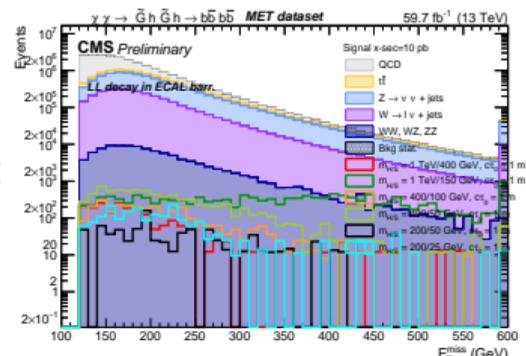
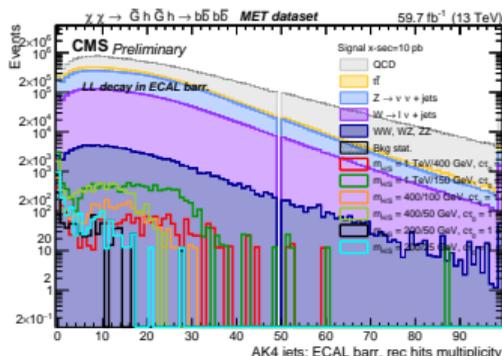
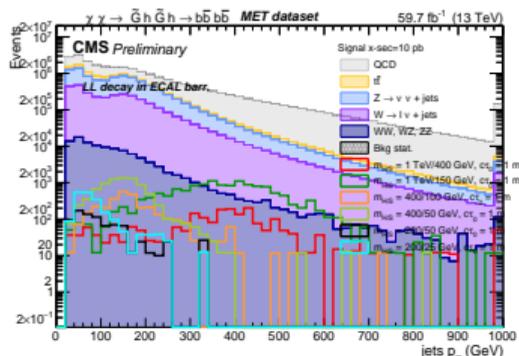


Signal distributions: AK8

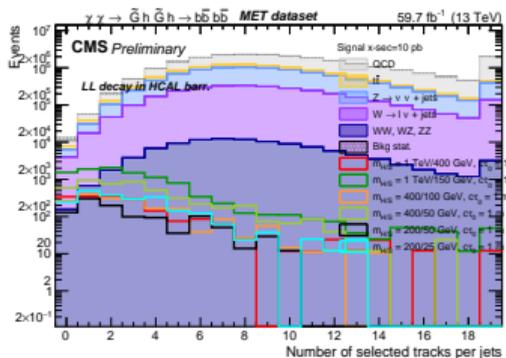
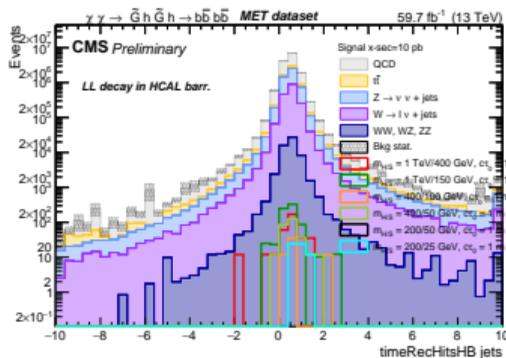
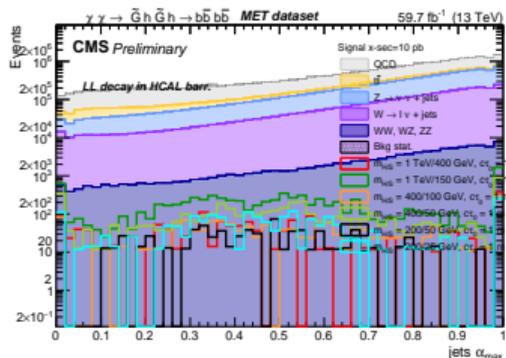
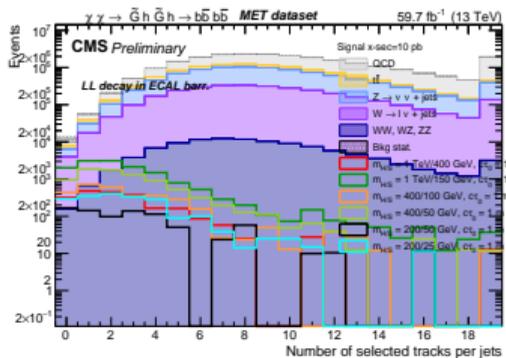
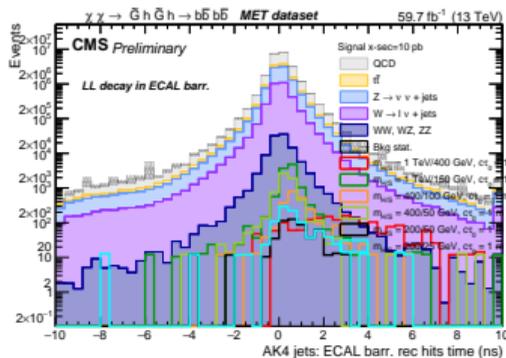
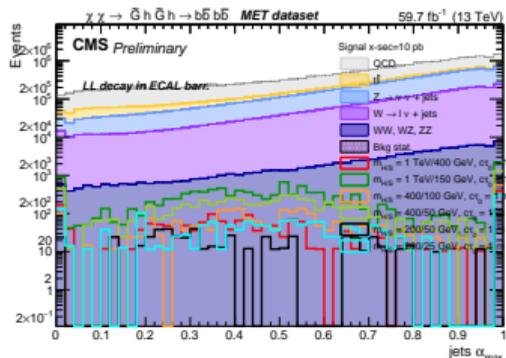


Signal/background comparisons

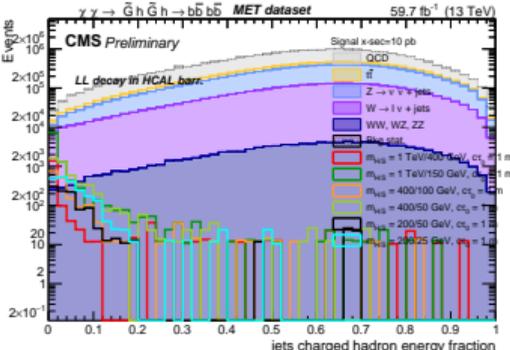
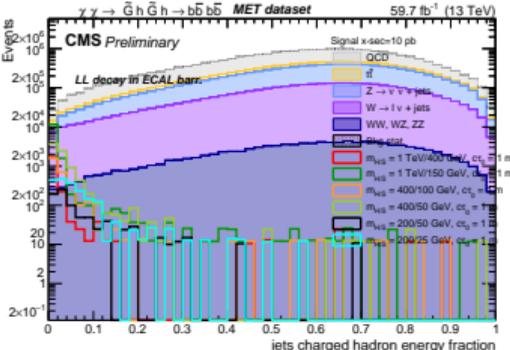
Comparisons: ECAL vs HCAL



Comparisons: ECAL vs HCAL



Comparisons: ECAL vs HCAL



Backup slides