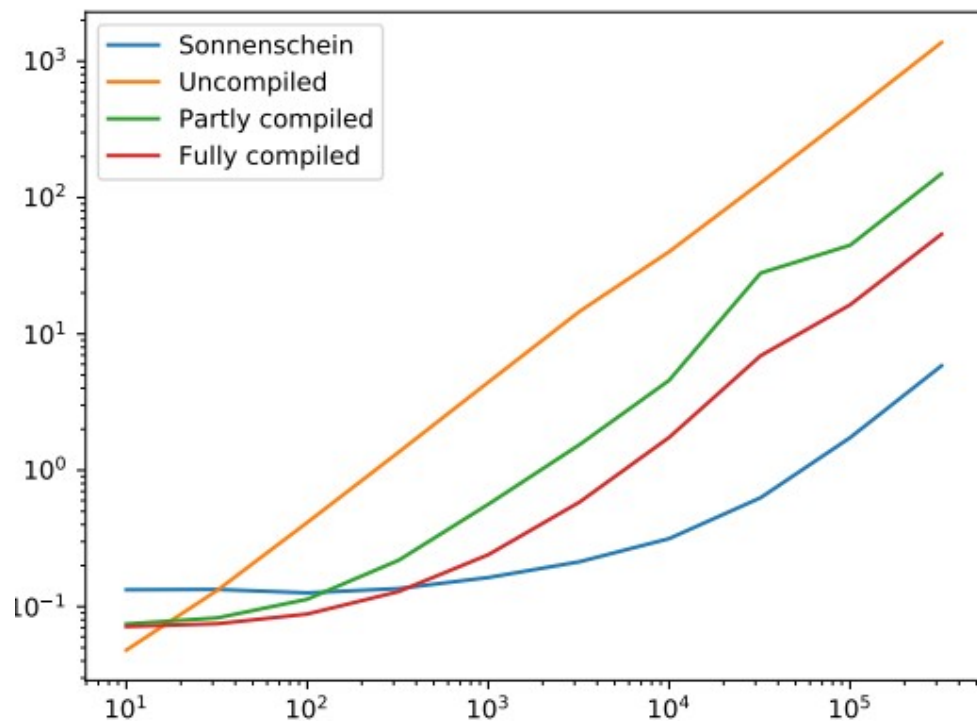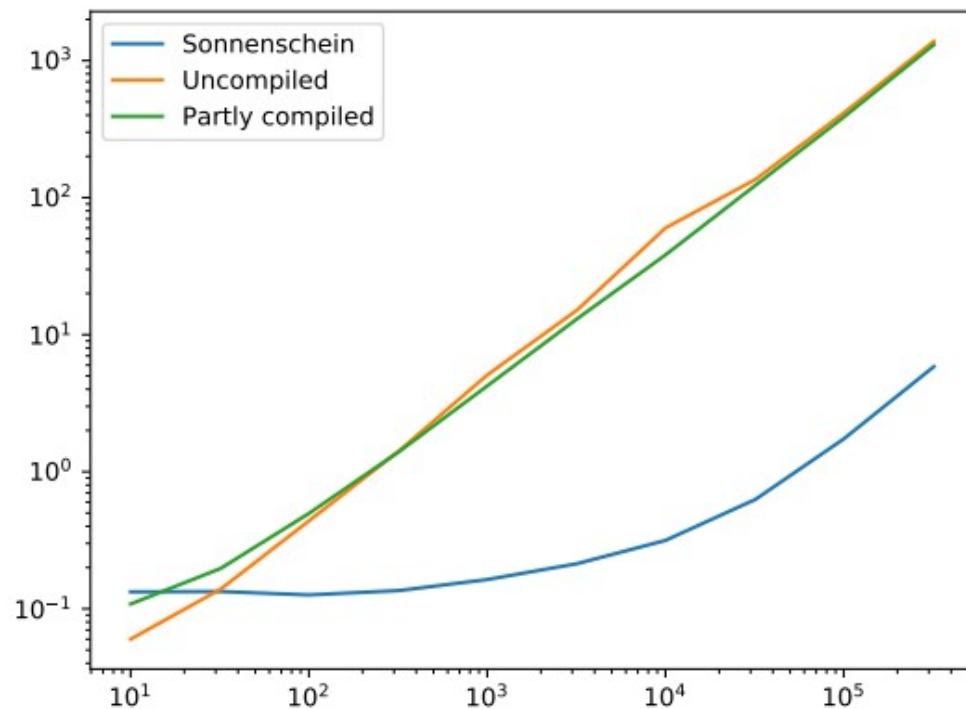# Betchart wrap-up

- At last presentation on Betchart, had three different examples: the uncompiled python version (which has been implemented for a long time), a version which was compiled up to the final function, and a fully compiled version, but with the least squares minimization turned off, so it couldn't handle cases which didn't immediately have solutions

- To finish discussion have a few plots of time and top pt comparisons
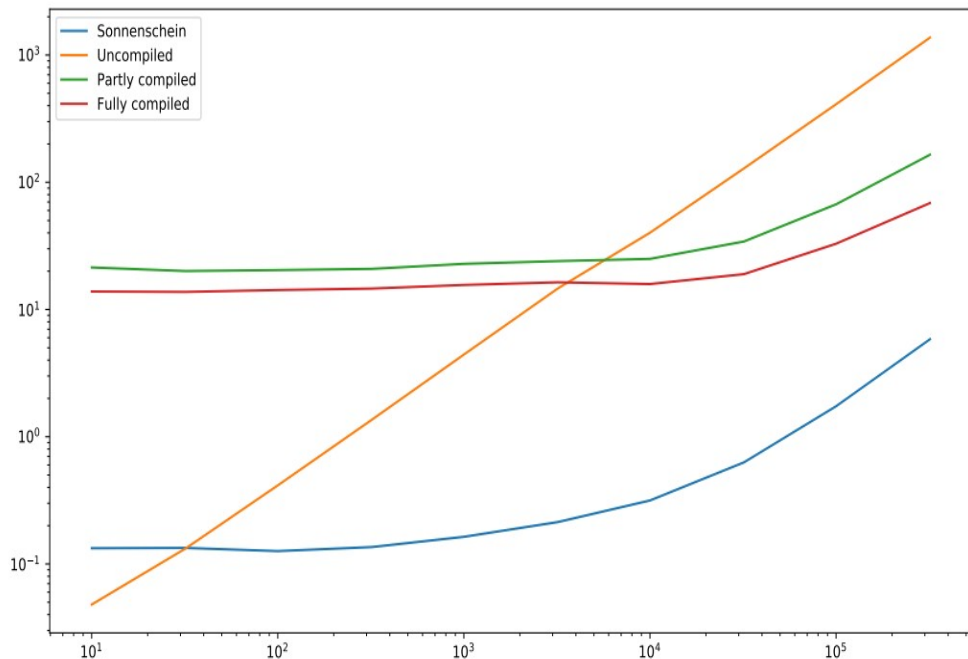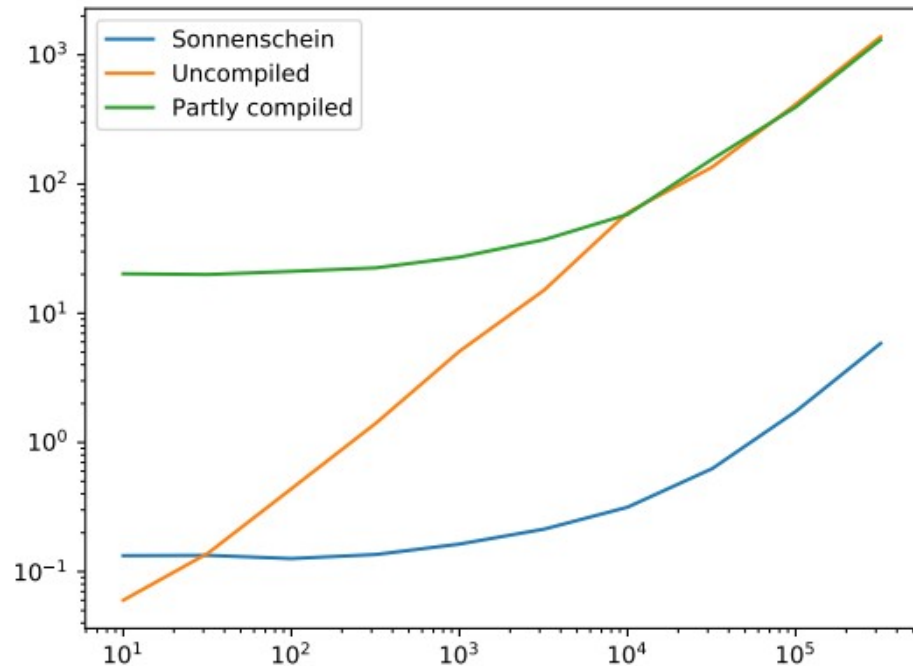
Betchart time comparisons

Solution

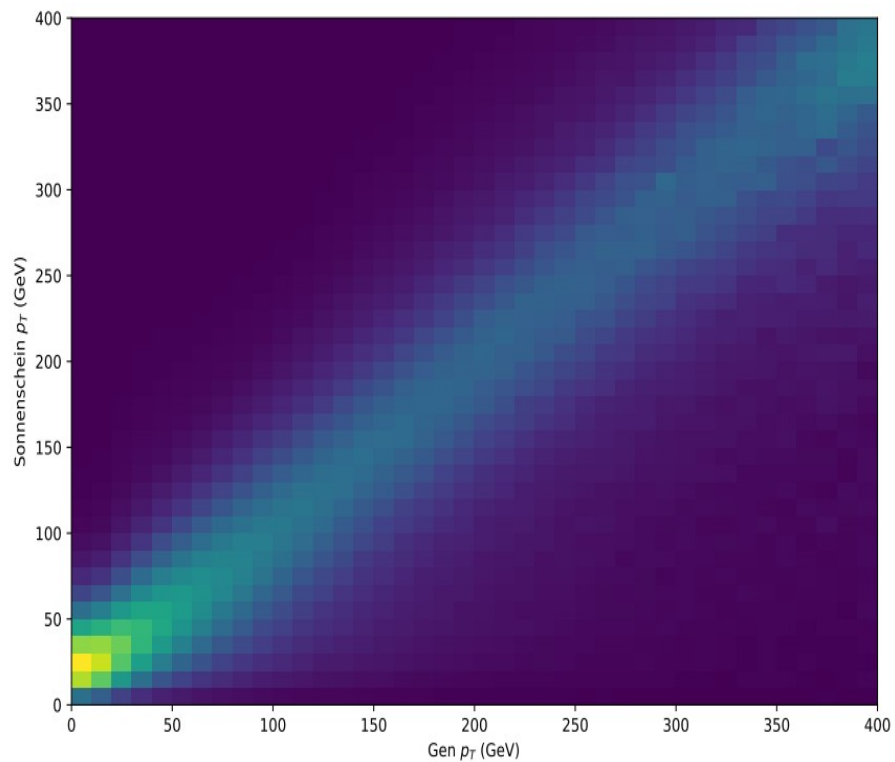No solution

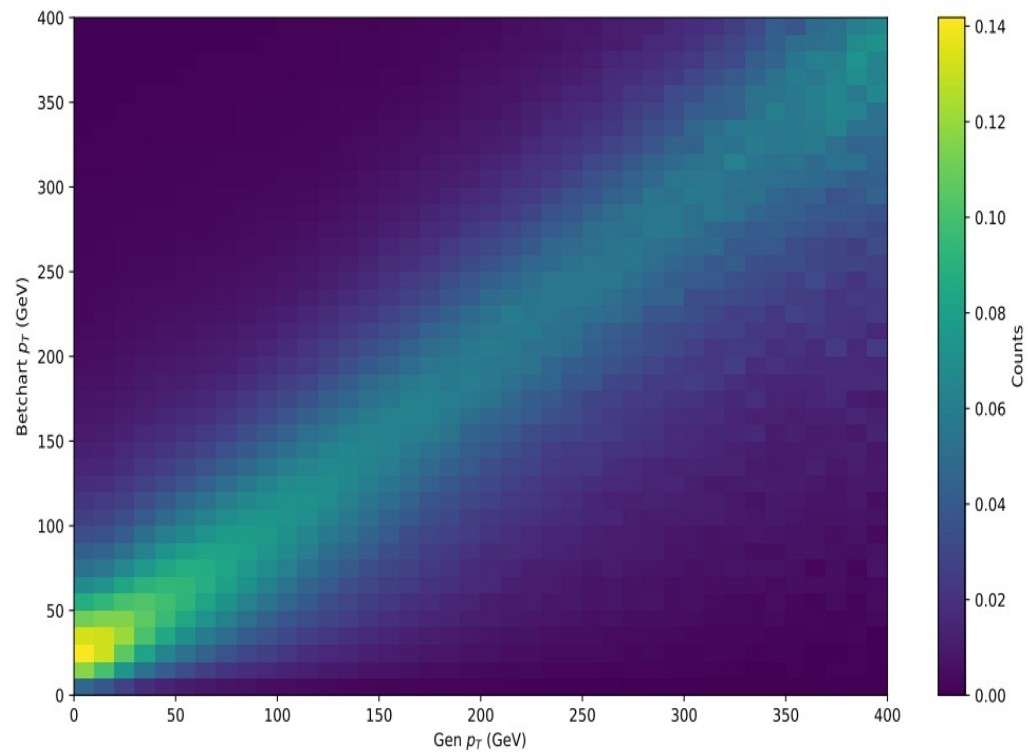# Time comparisons (including compilation)

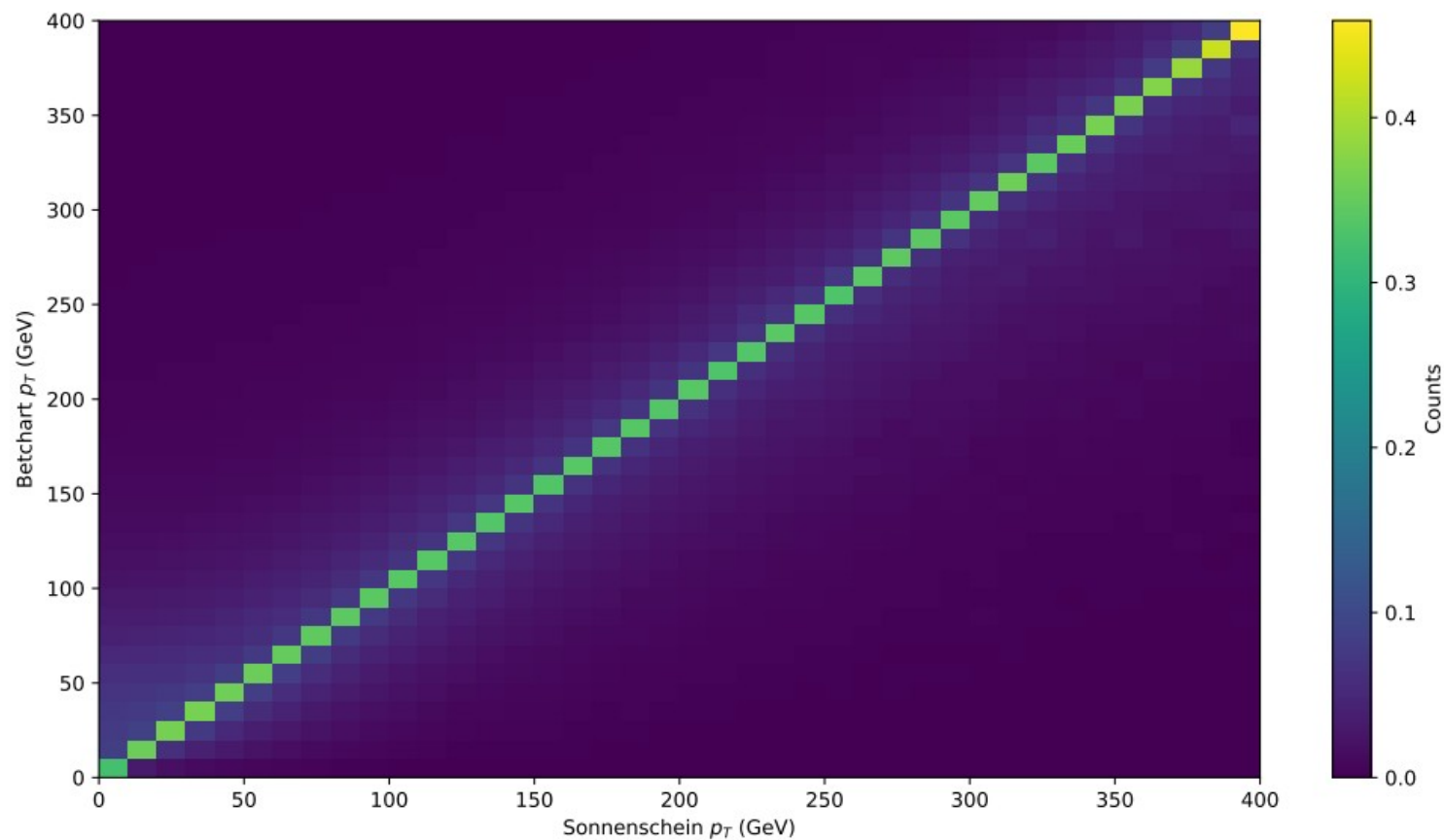Solution

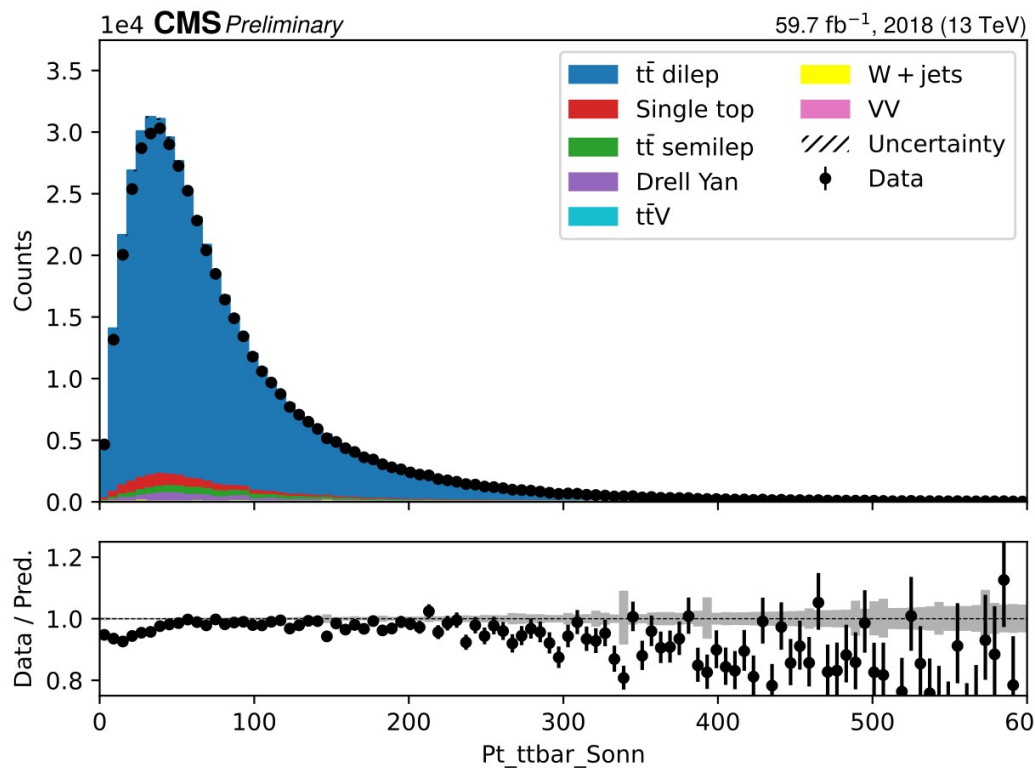No solution

Gen vs reco top pt
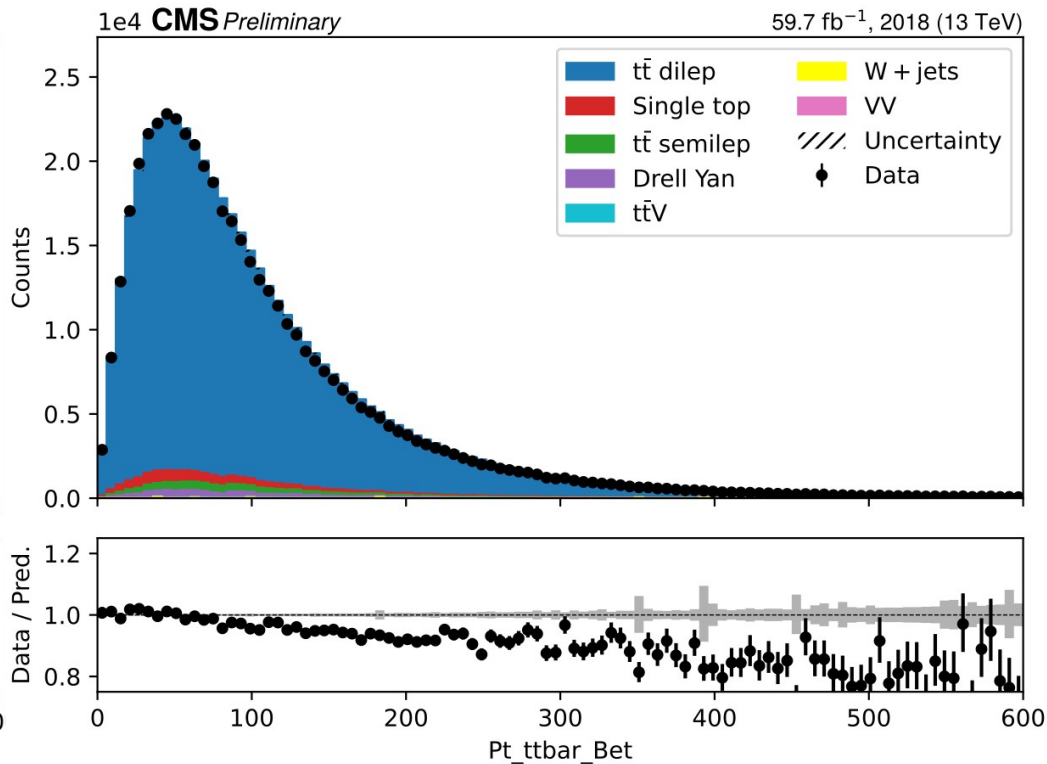

Sonnenschein

Betchart

Sonnenschein vs Betchart top pt
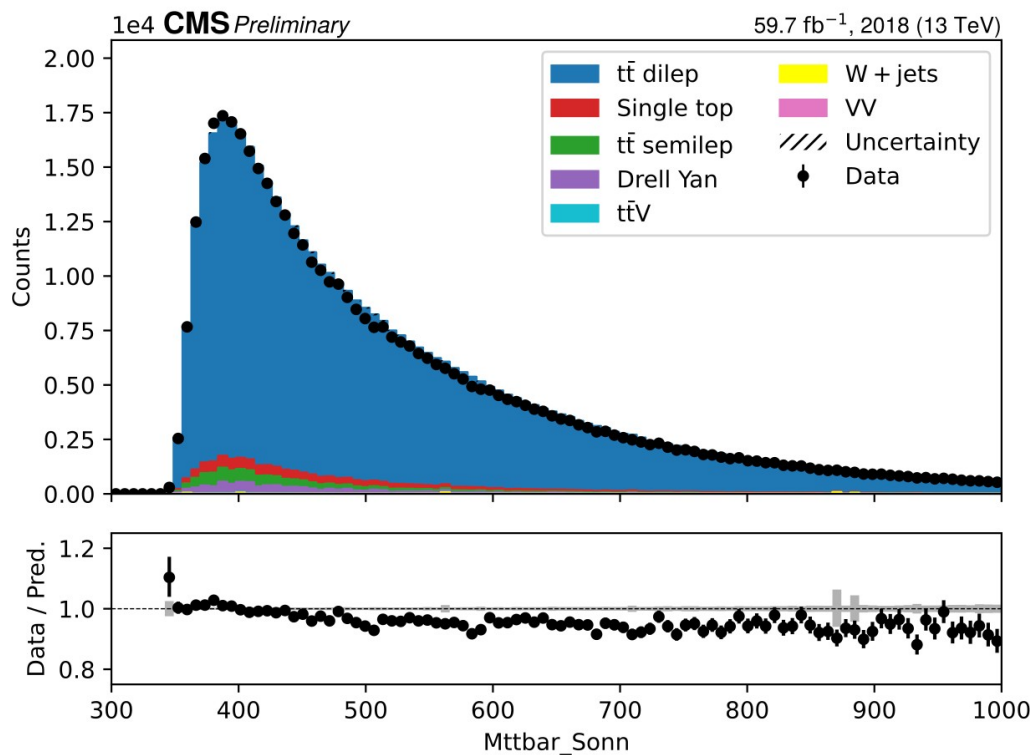
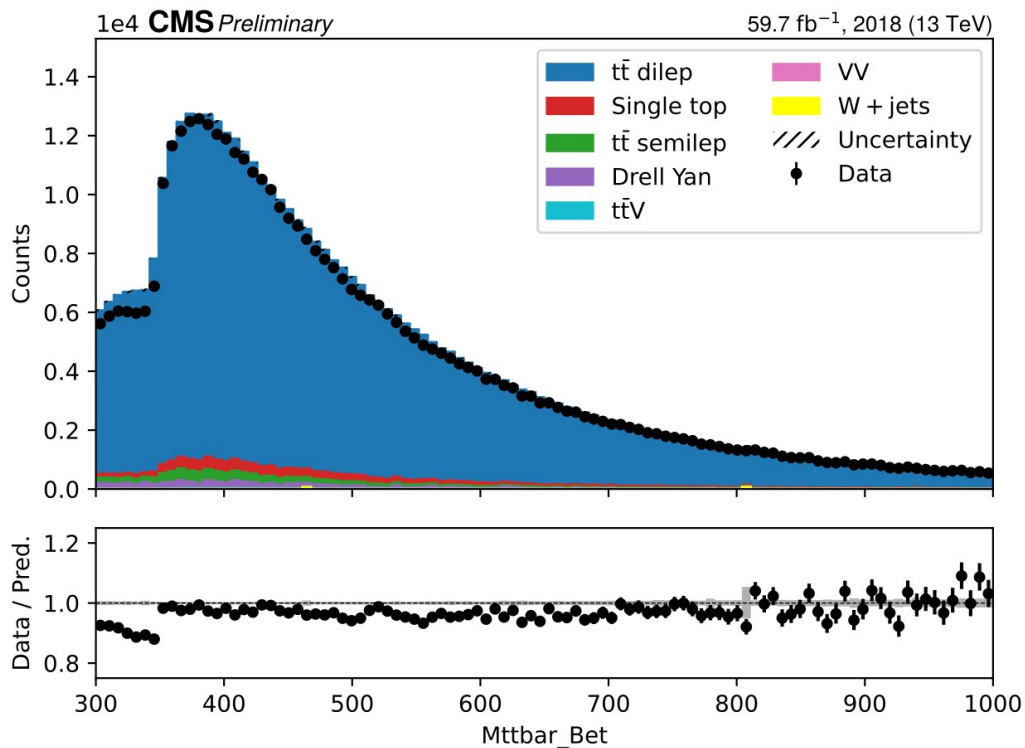# Sonnenschein and Betchart top pt

Sonnenschein
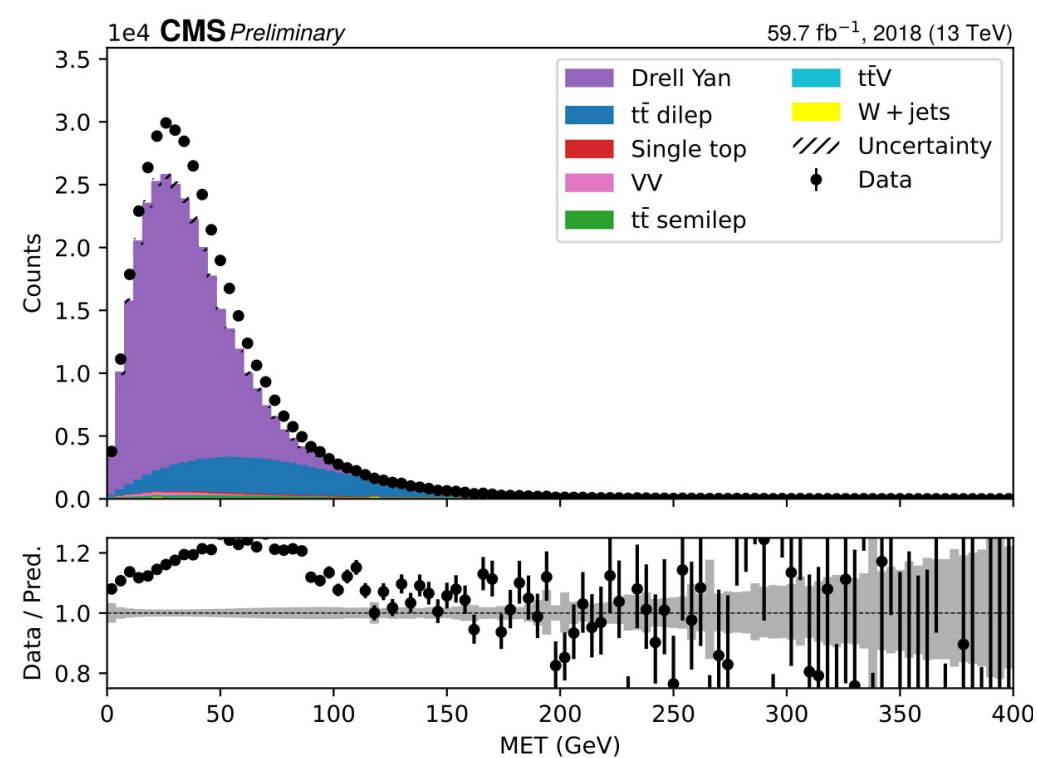
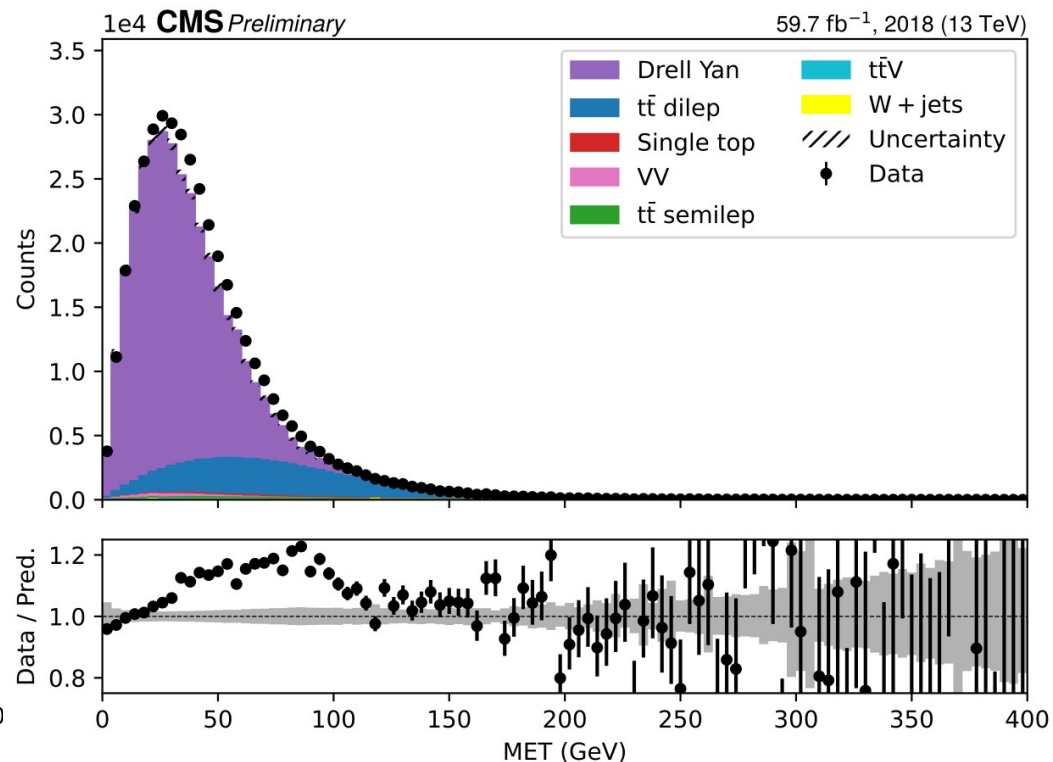Betchart

Sonnenschein and Betchart Mttbar

Sonnenschein

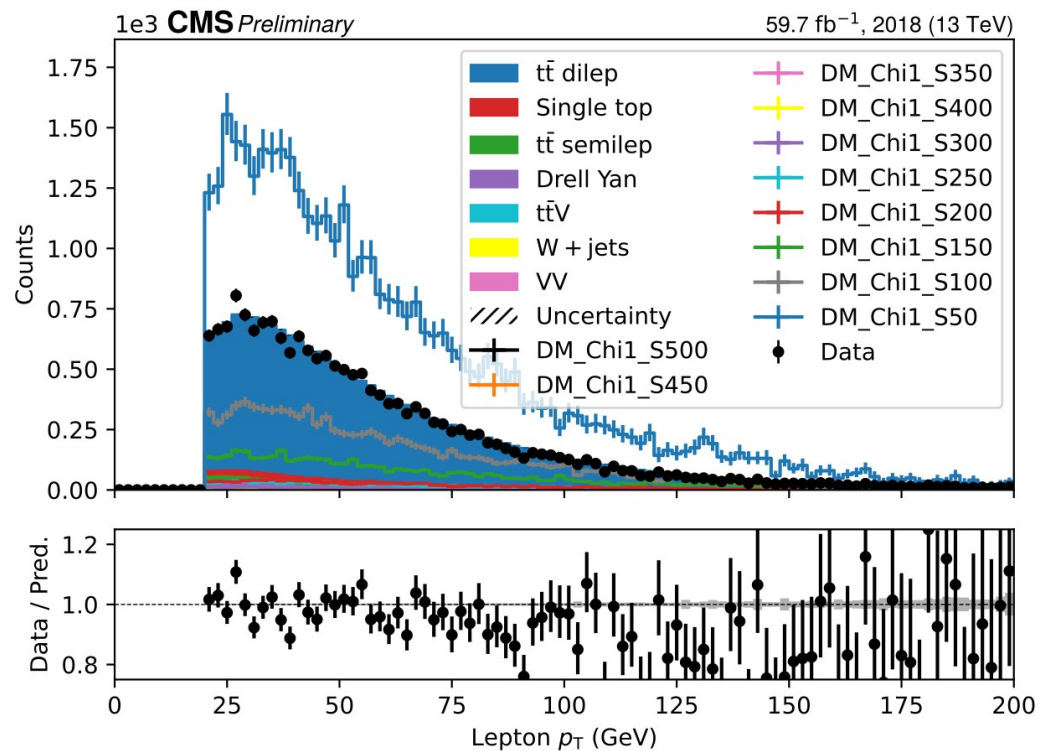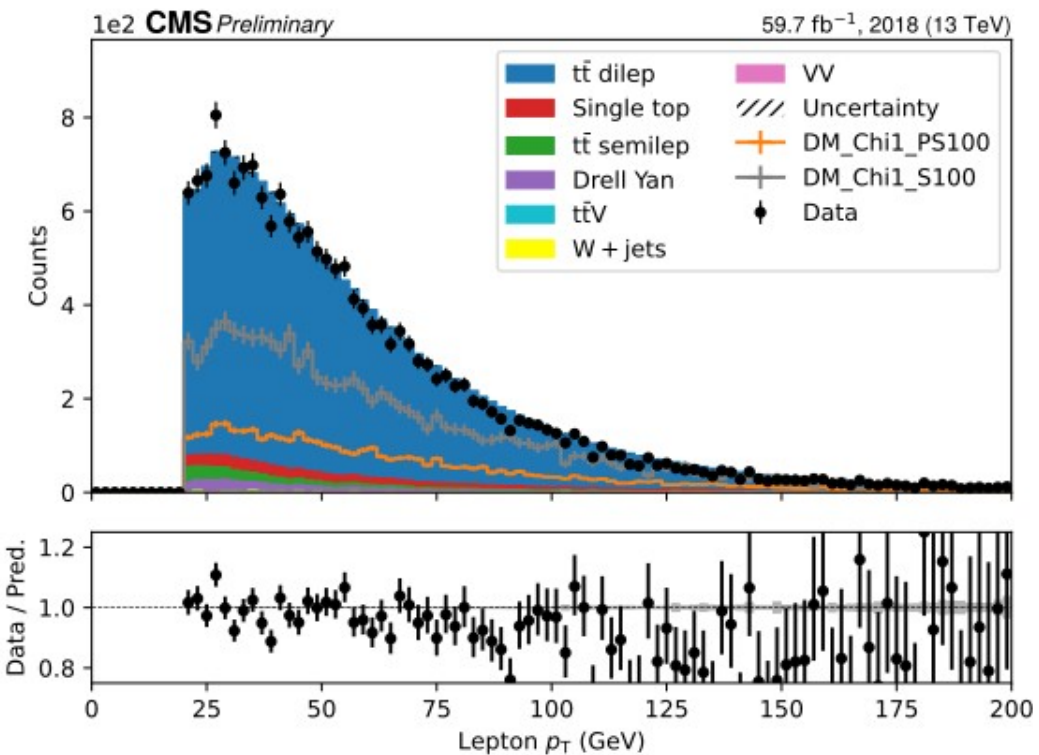Betchart

LO and NLO DY in Z window

LO

NLO

Official signal samples

(Still need to finalise scales and colours)