

Maskinlæringsbasert søk etter nytt Z' -boson ved LHC med ATLAS-detektoren

Andreas Middelthon

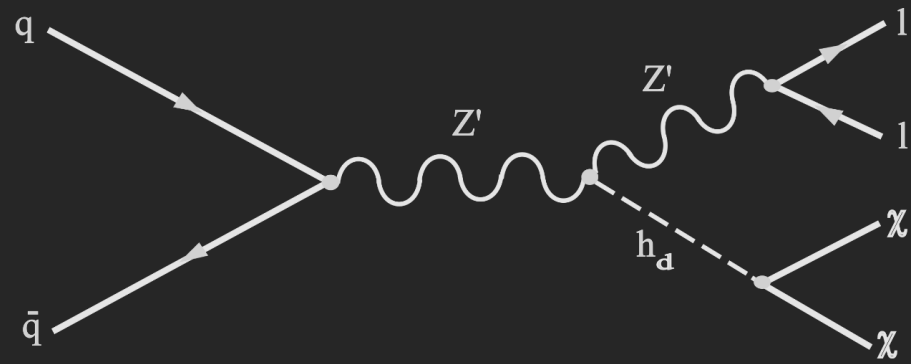
Veiledere:

Jon Andreas Støvneng

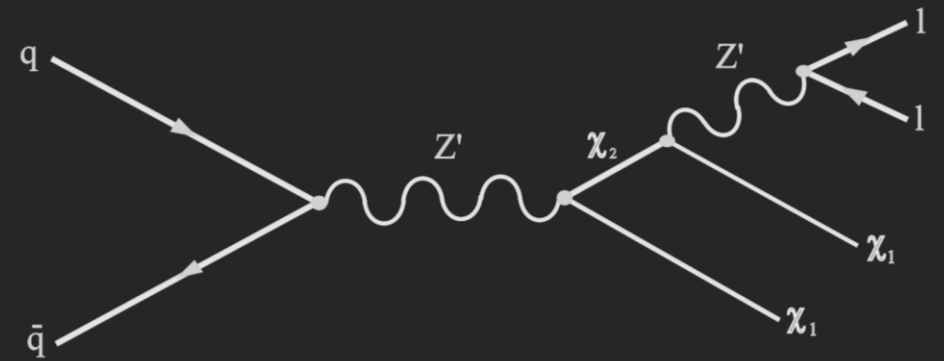
Farid Ould-Saada

MODELLER FOR Z' -BOSON

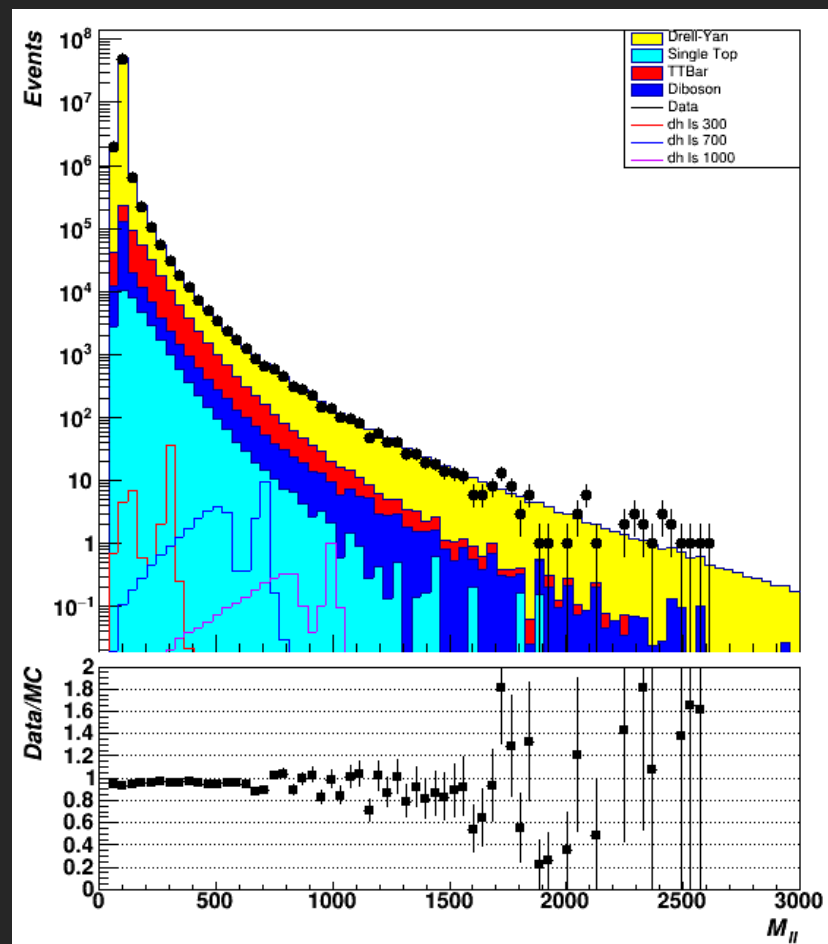
Mørk Higgs



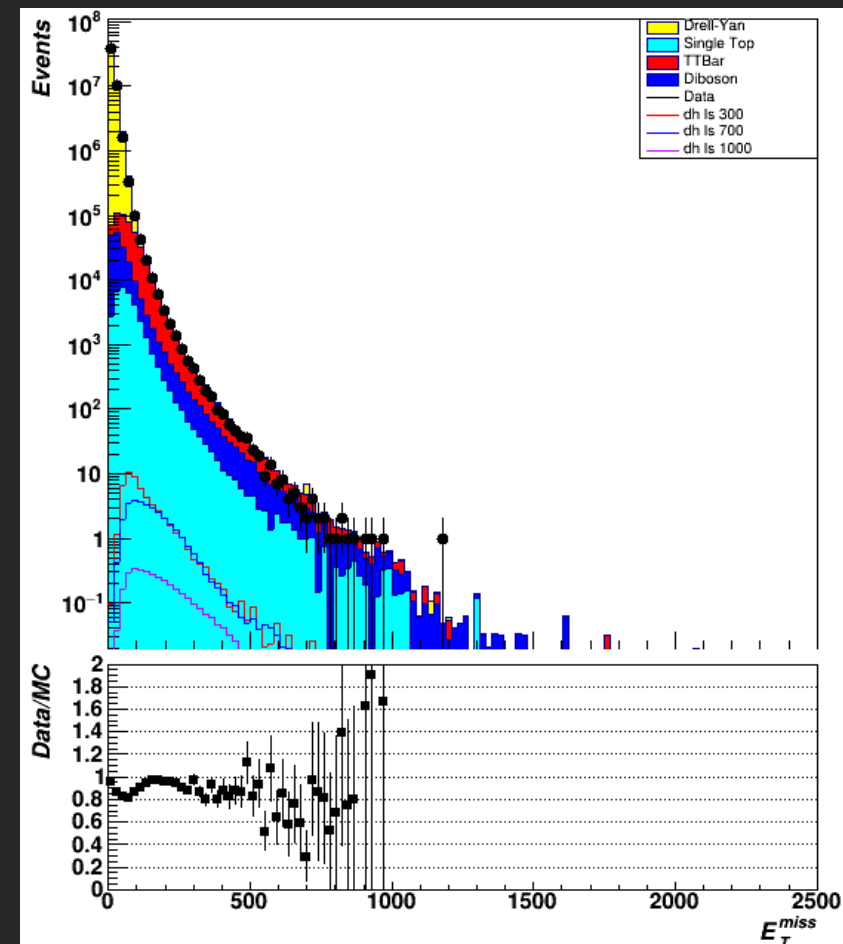
Light Vector



SAMMENLIGNING AV SIMULERING OG DATA



Invariant masse



Manglende energi (MET)

SPØRSMÅL