

QUICK CMS CHEAT SHEET

Electron (e^-/e^+) tracks are GREEN

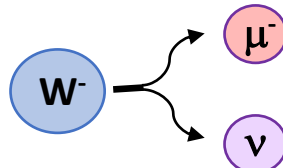
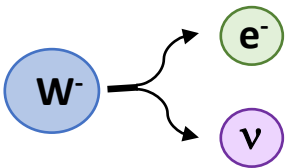
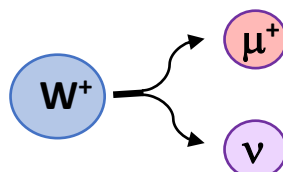
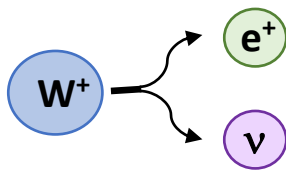
Muon (μ^-/μ^+) tracks are RED

Missing momentum (ν) is LIGHT PURPLE

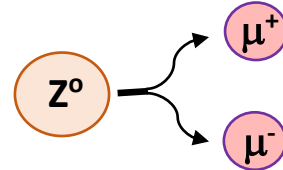
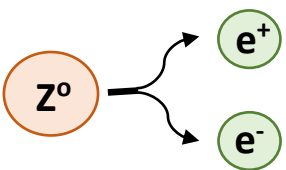
Positively charged (+) particles curve clockwise

Negatively-charge (-) particles curve anticlockwise (counterclockwise)

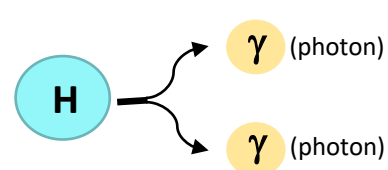
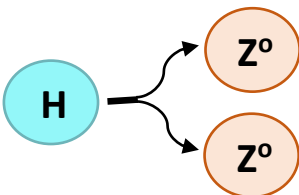
W^+/W^- Boson Decays *(determine charge and product)*



Z Boson Decays *(determine products and mass)*



Higgs Boson Decays *(determine products and mass)*



*These two Z^0 bosons will decay into 4μ , 2μ & $2e$, or $4e$.