

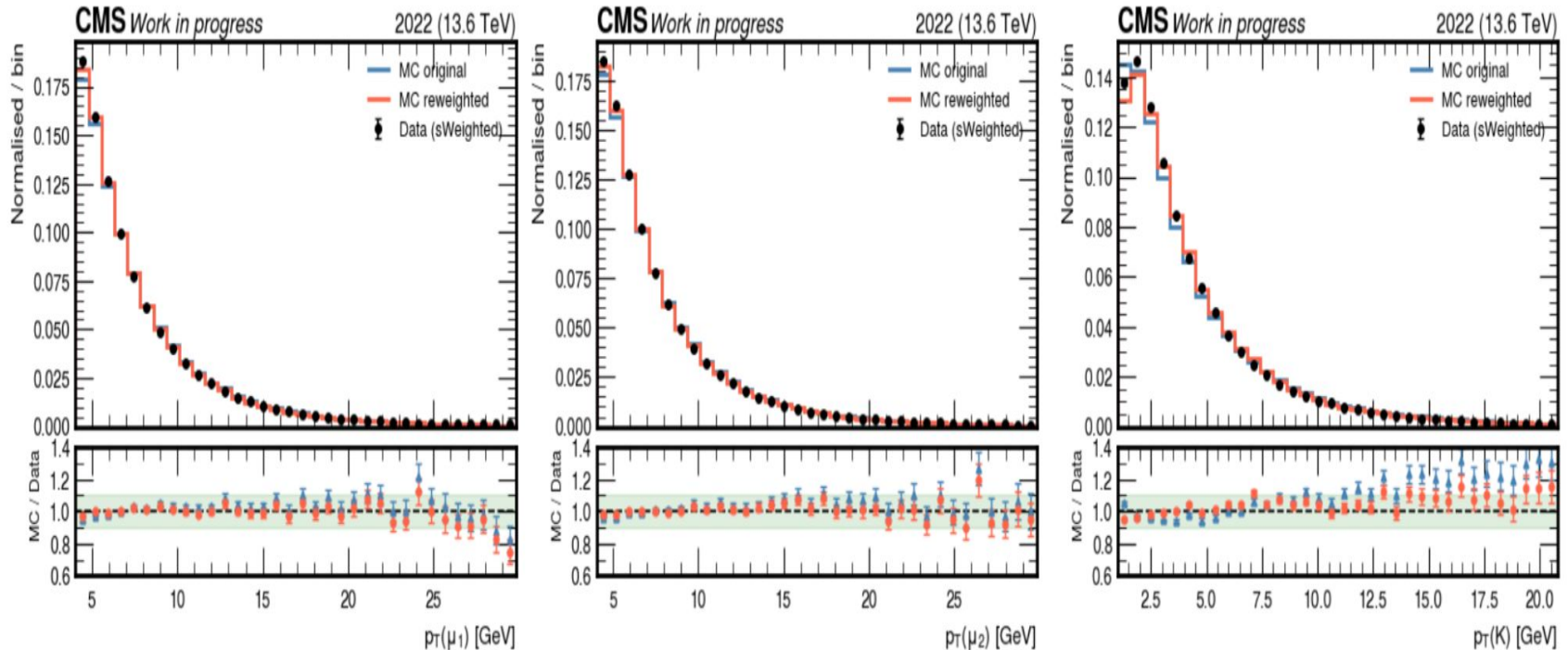


Aluno: Thiago de Andrade Rangel Monteiro

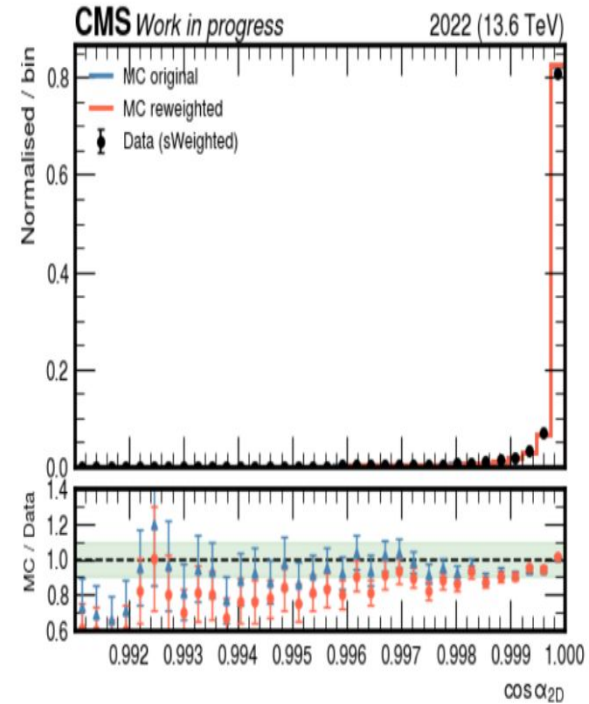
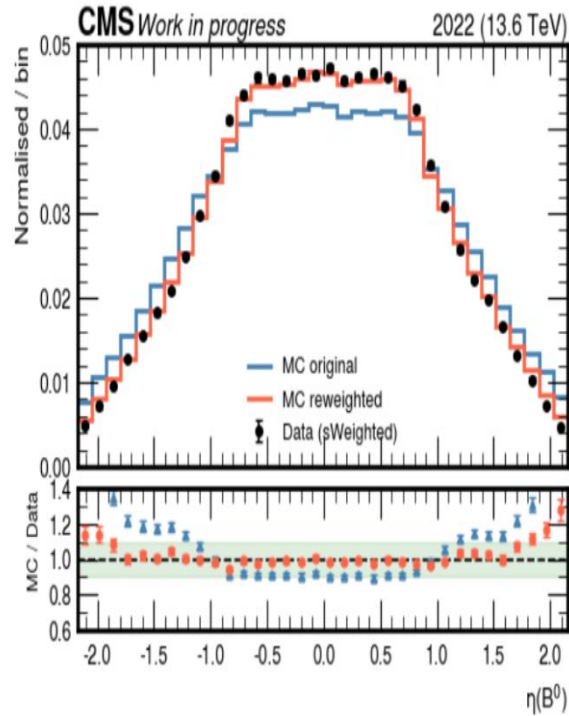
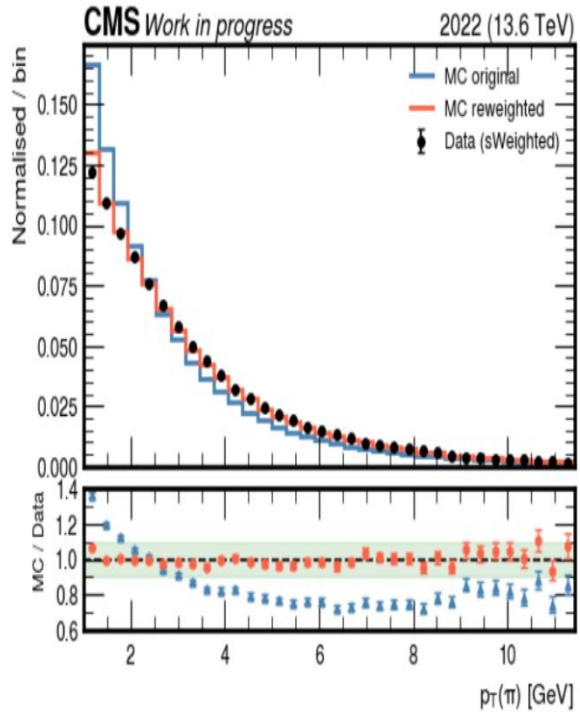
21 de março de 2025

# XGboost Reweighting - J/psi

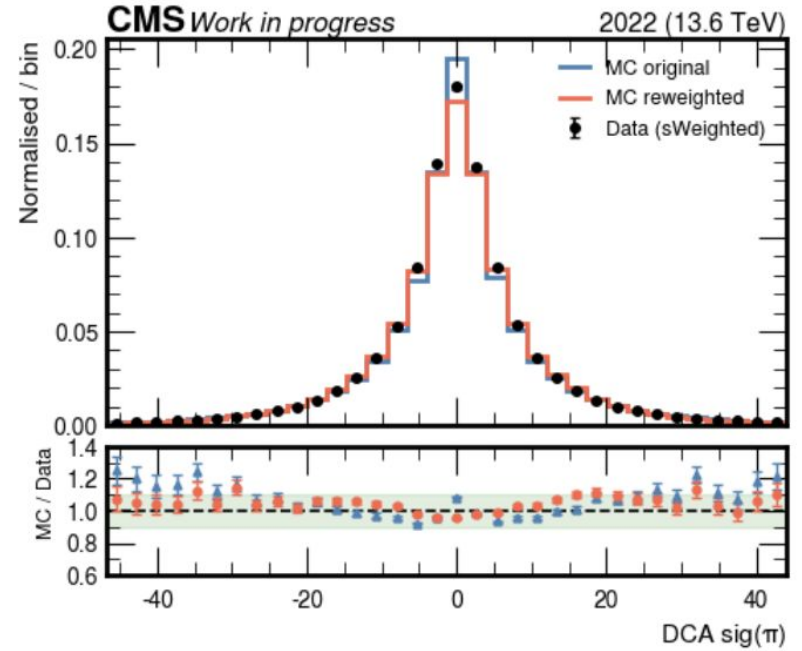
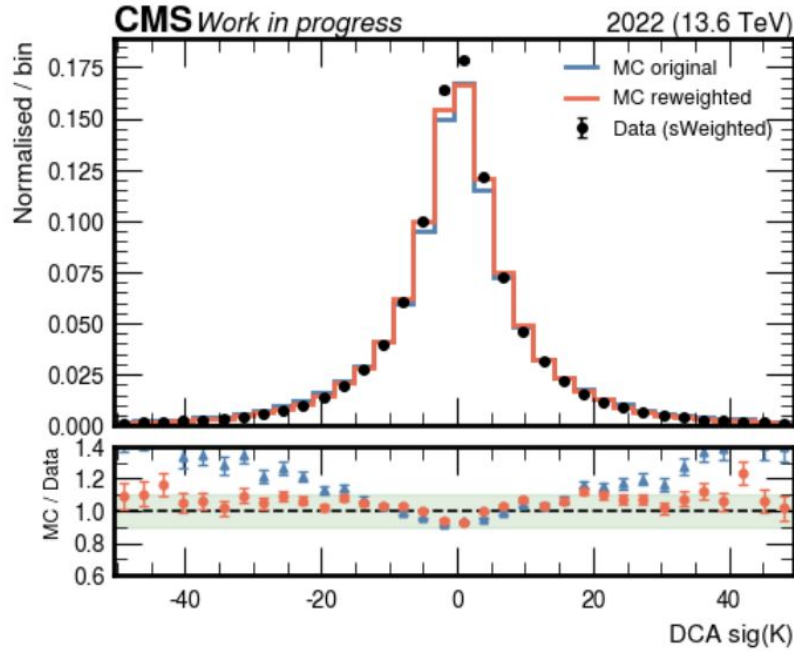
Como XGboost não aceita pesos negativos uma ideia que tive é fazer com que os pesos negativos vindos do sPlot sejam convertidos para a outra classe na BDT, passando assim a serem classificados como "MC"



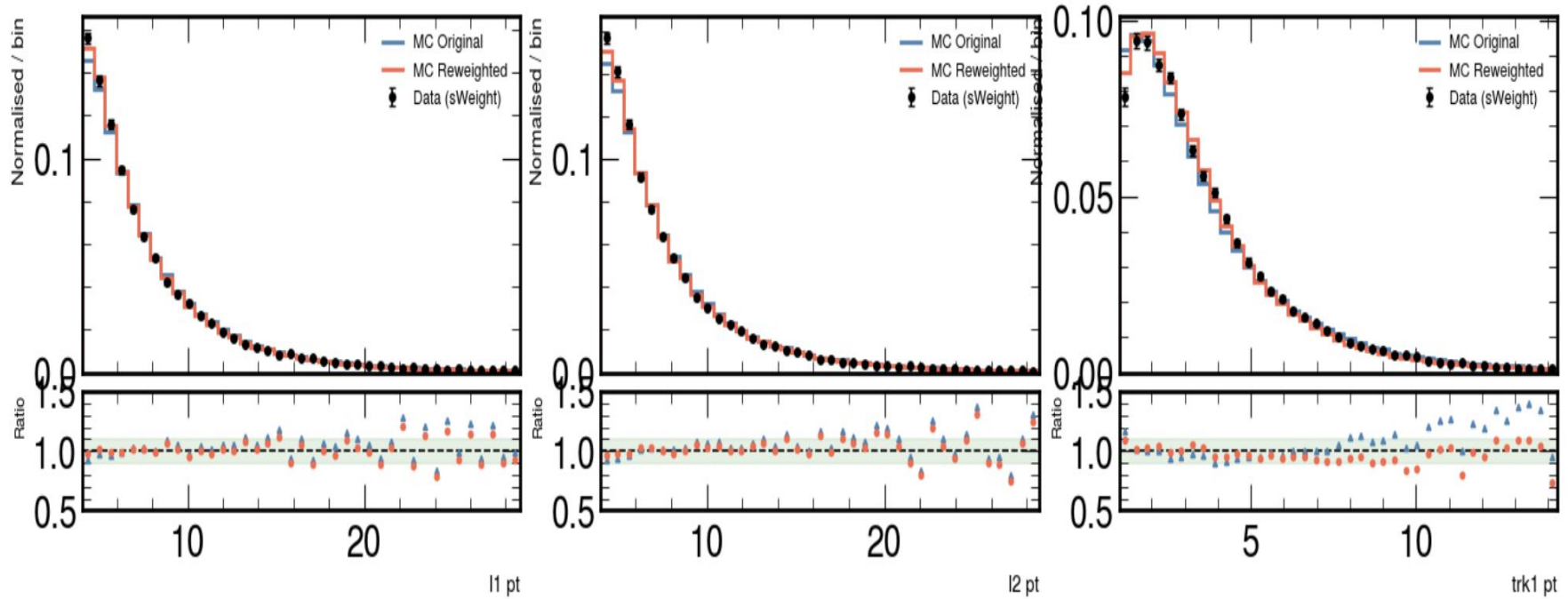
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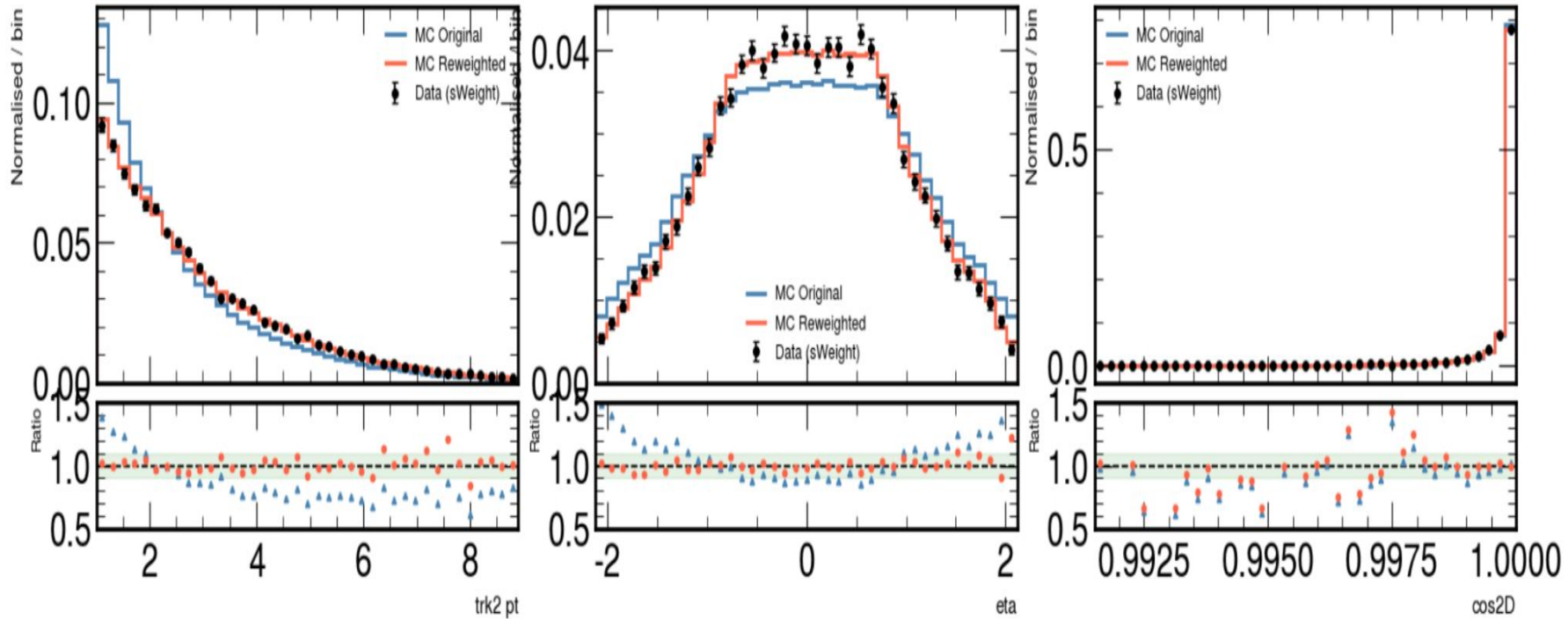
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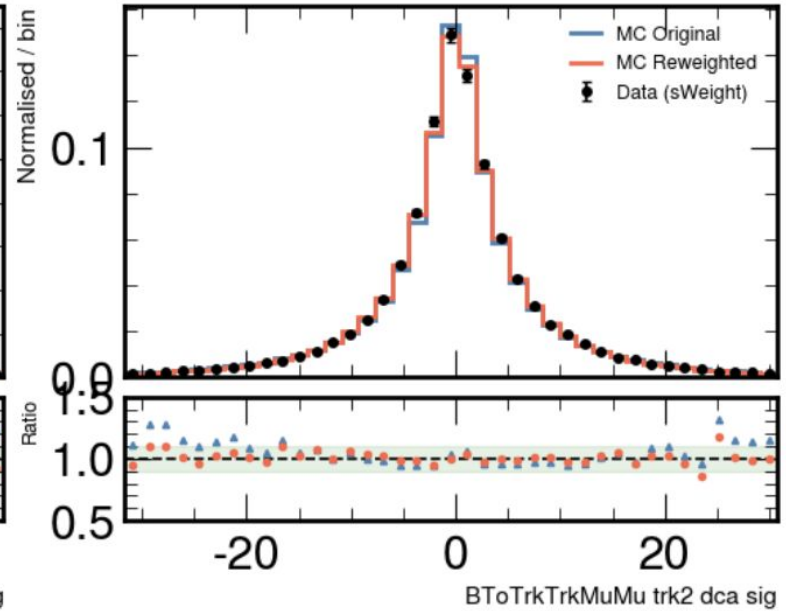
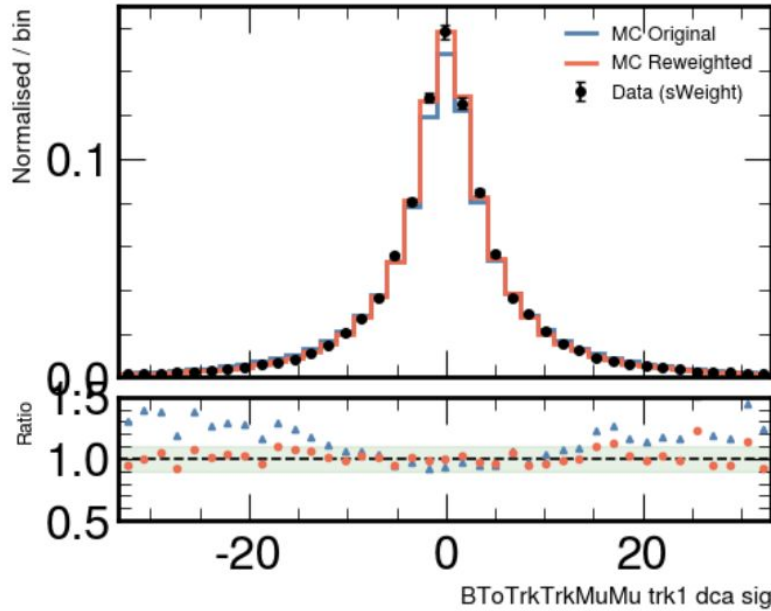
# XGboost Reweighting - $\psi(2s)$



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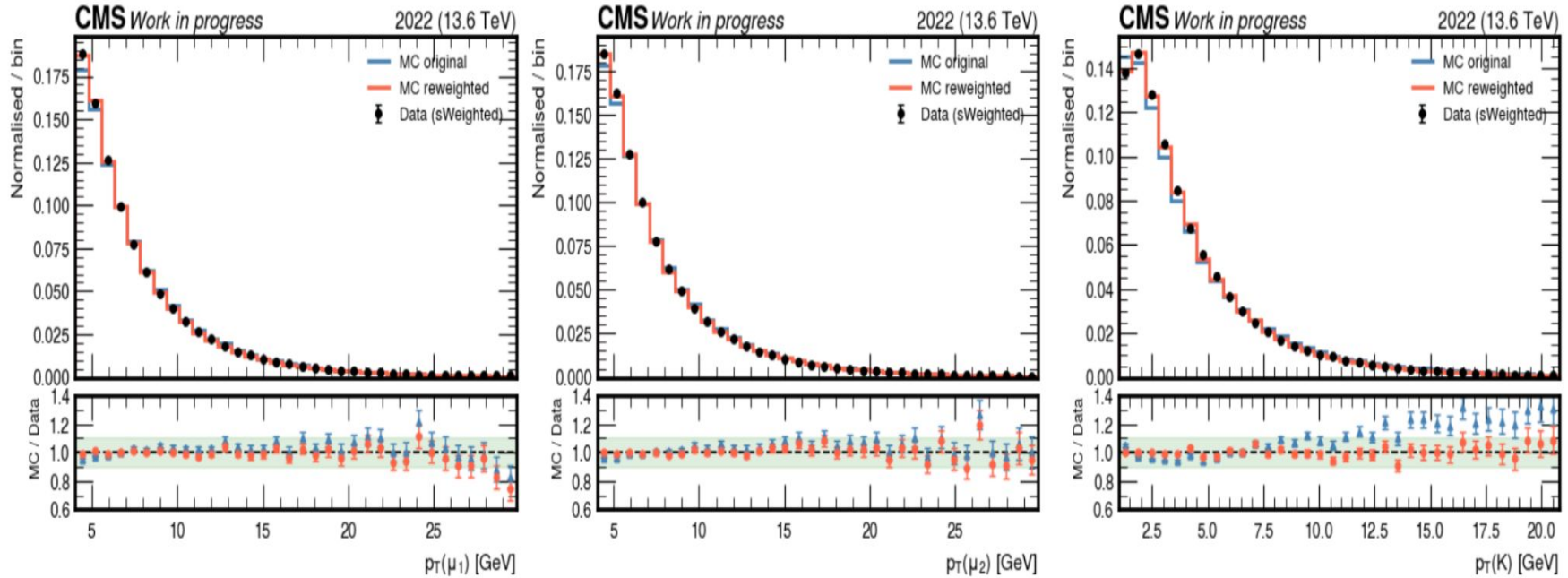


# XGboost Reweighting - $\psi(2s)$

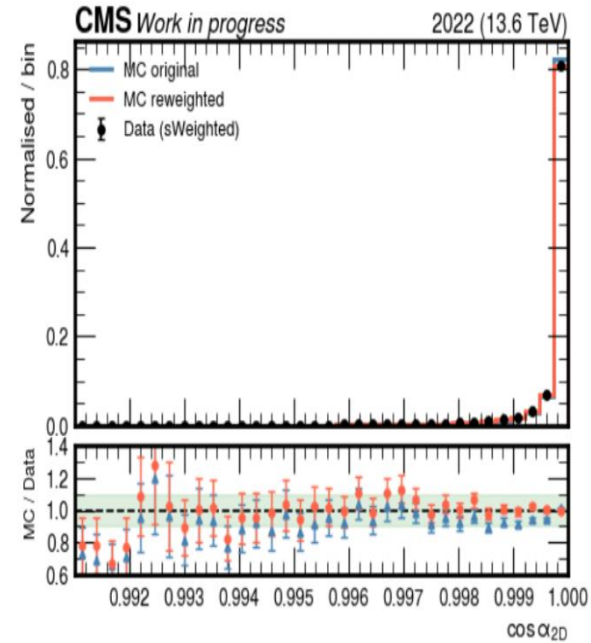
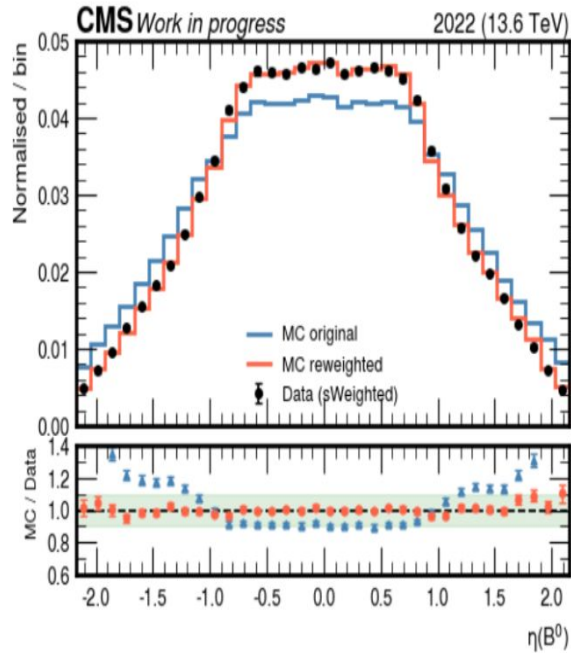
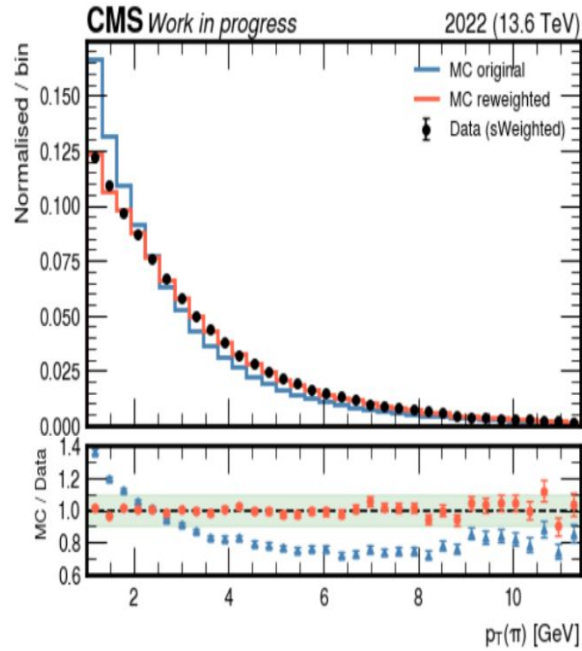


# GBReweighter - (J/Psi)

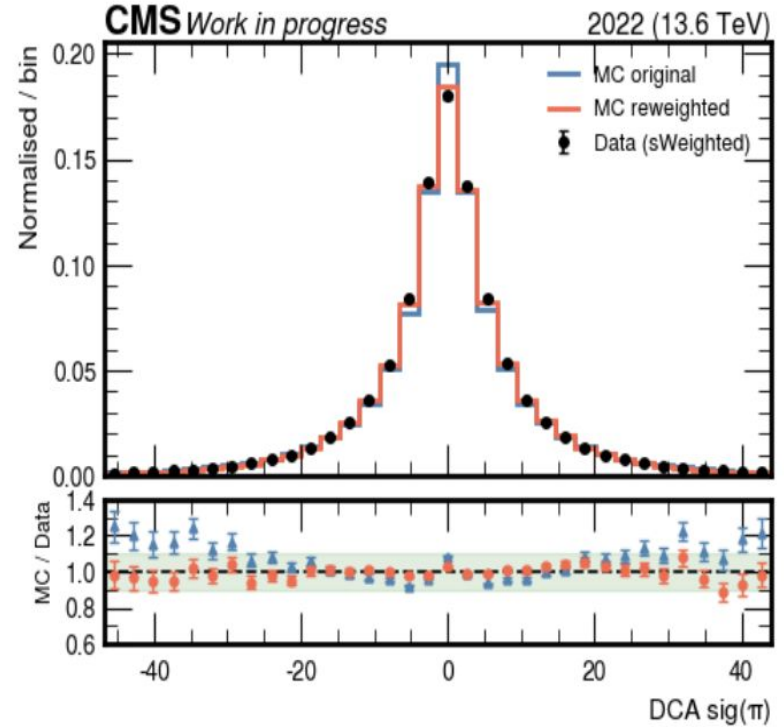
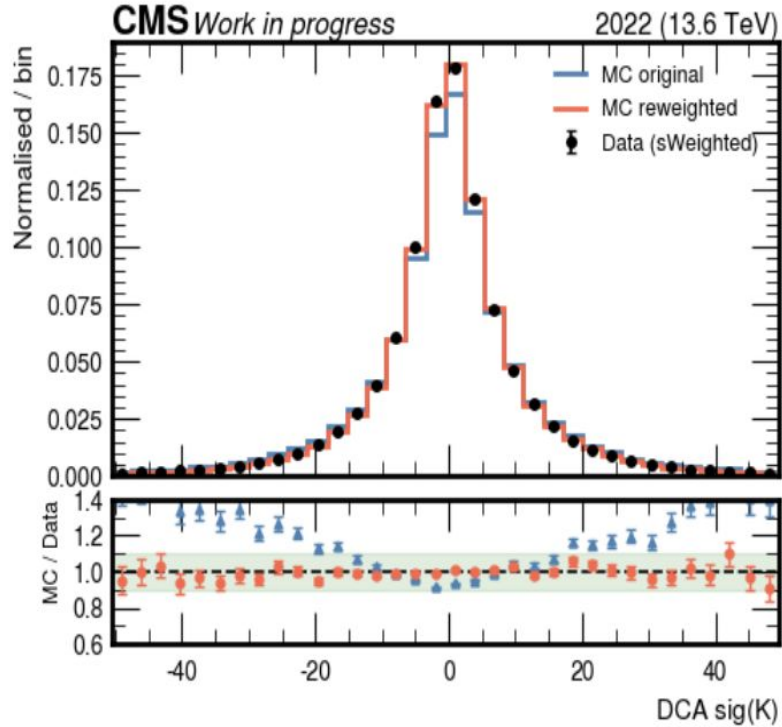
Usando o GBReweighter que lida com pesos negativos



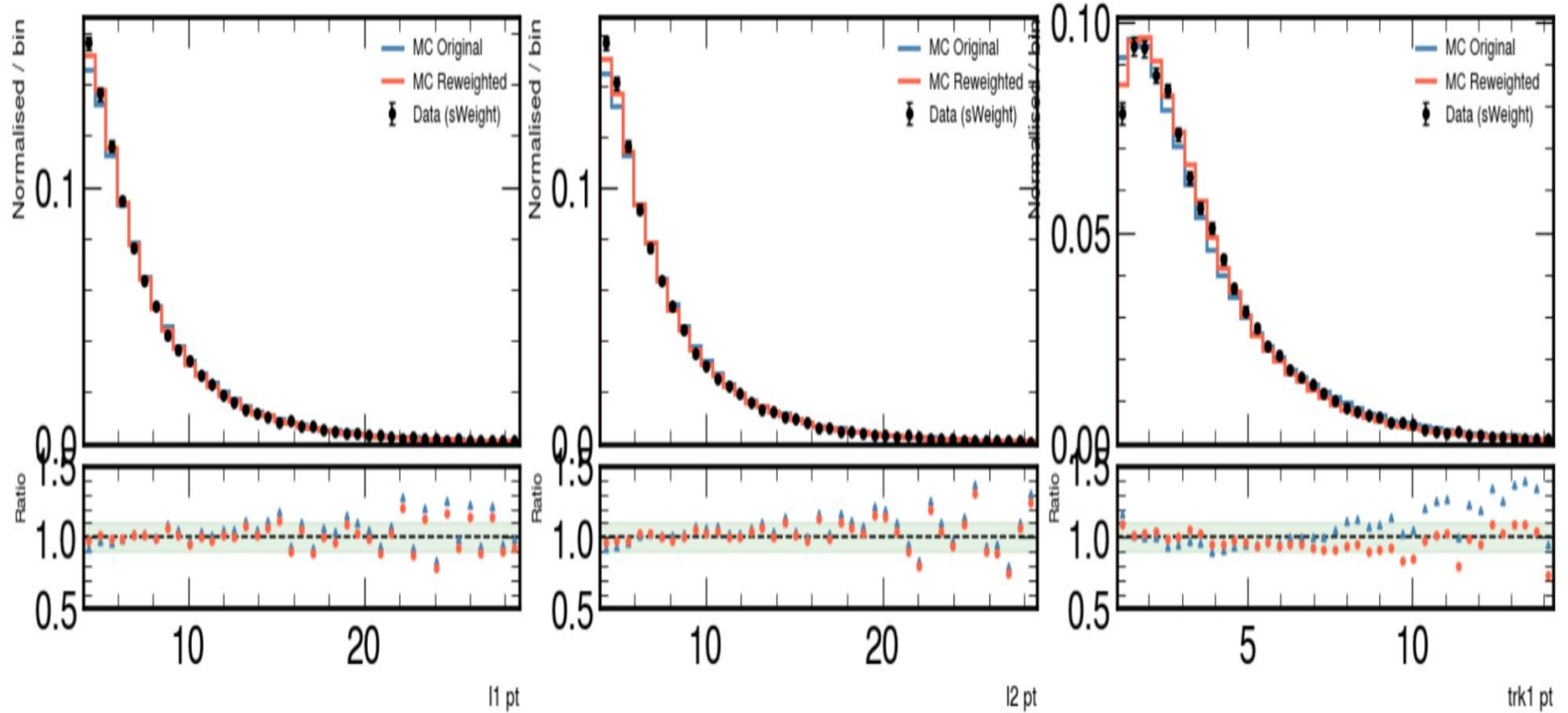
# GBReweighter - (J/Psi)



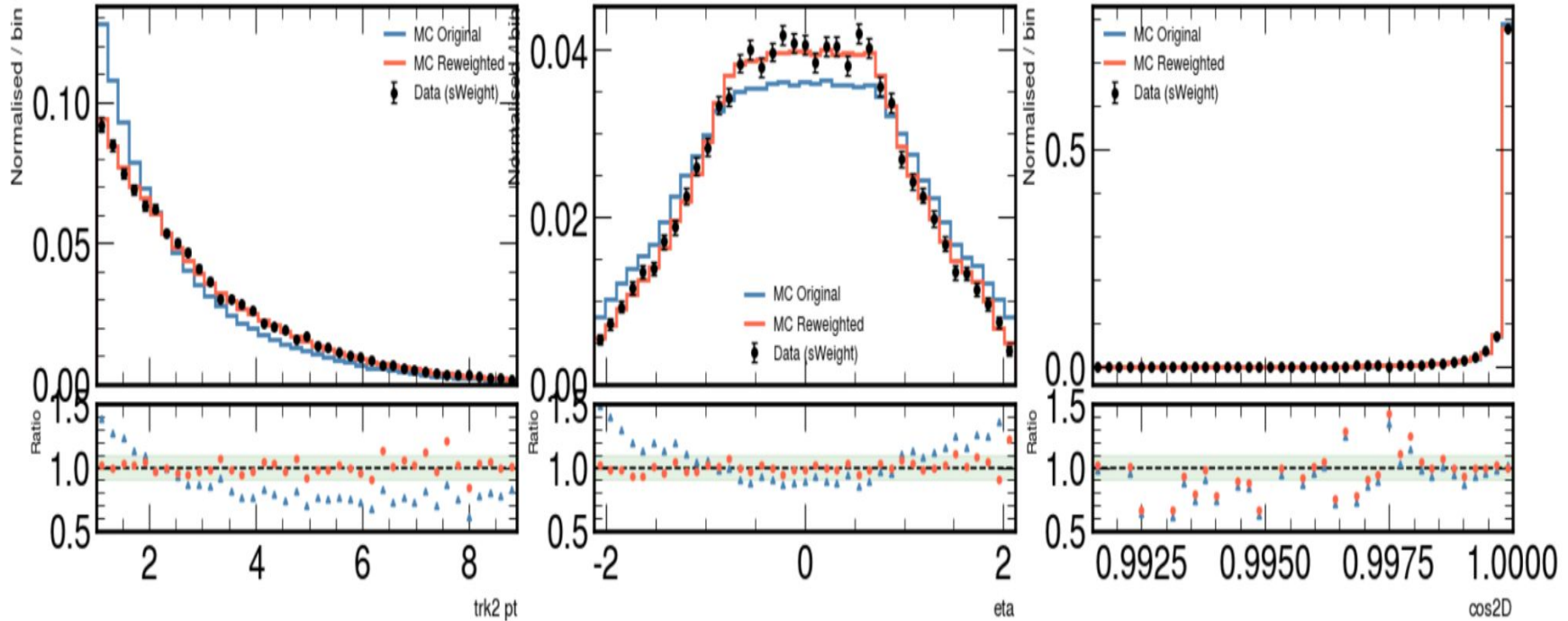
# GBReweighter - (J/Psi)



# GBReweighter - Psi(2s)



# GBReweighter - Psi(2s)



# GBReweighter - Psi(2s)

