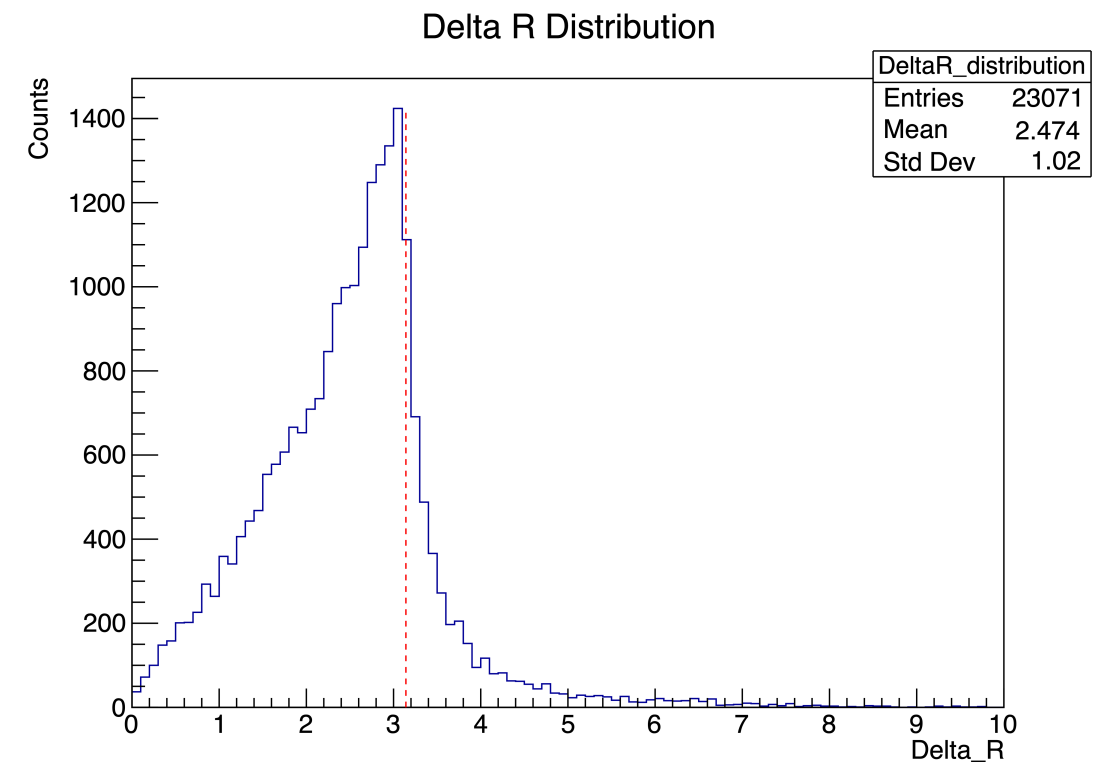
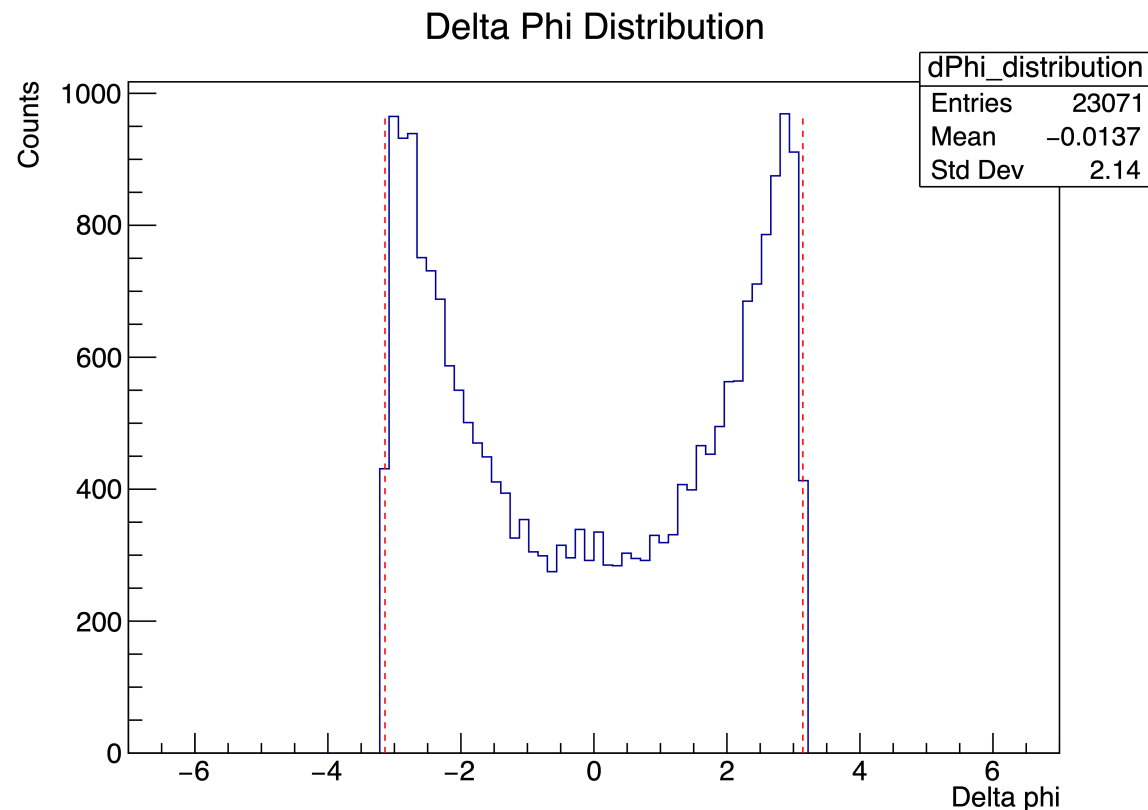


# Alaa Weekly Update August 4<sup>th</sup>

## Last week's minutes:

- Use TLorentzVector to get deltaphi and deltaR
- Check that these distributions make sense
- Apply cuts and check acceptance
- Check where other high energy muons come from



## Next steps:

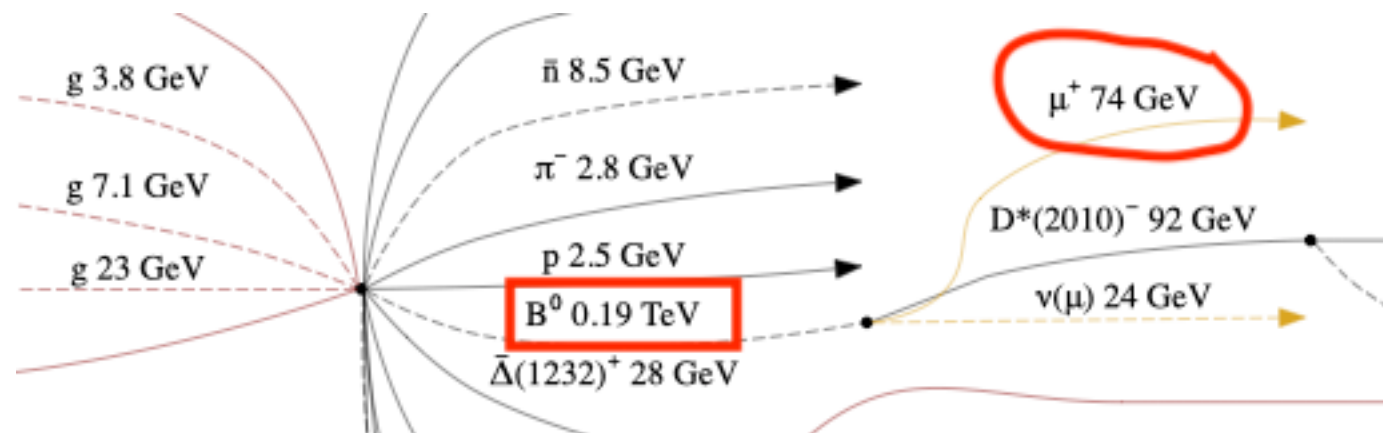
**Pass the qualifier exam**

**Apply cuts and check acceptance**

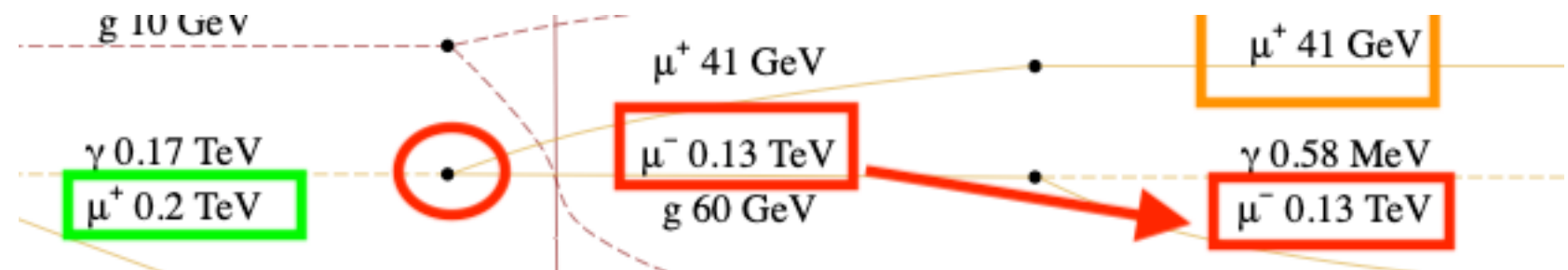
**Access the efficiencies tables, sample efficiencies, then apply them**

## Other events with muons of Pt > 65 GeV

**$B^0$  decay**



**Pair-production**



**$D^0$  decay**

