

- Small study about Δt cut:
 - previously it was used $\Delta t < 15$ ns
 - at the end $\Delta t < 5$ ns
- This seemed a motivation to start on the DY analysis.

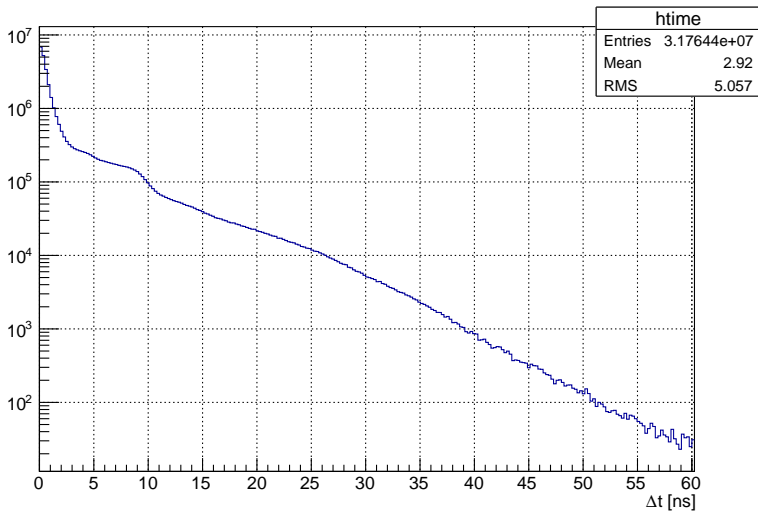
Based on Márcia's selection.

In my selection I did **not** ask for:

- Δt cut
- μ tracks χ^2 and momentum cuts
- trigger validation
- good spills
- x_1 , x_2 and x_F cuts.

I use 1W11t3 data.

Δt



On the next plot ...

I will show the dimuon invariant mass as a function of Δt :

- No cut on Δt (in blue).
- $\Delta t < 15$ ns (in black).
- $\Delta t < 10$ ns (in red).
- $\Delta t < 5$ ns (in green).

Invariant Mass: No Δt cut

