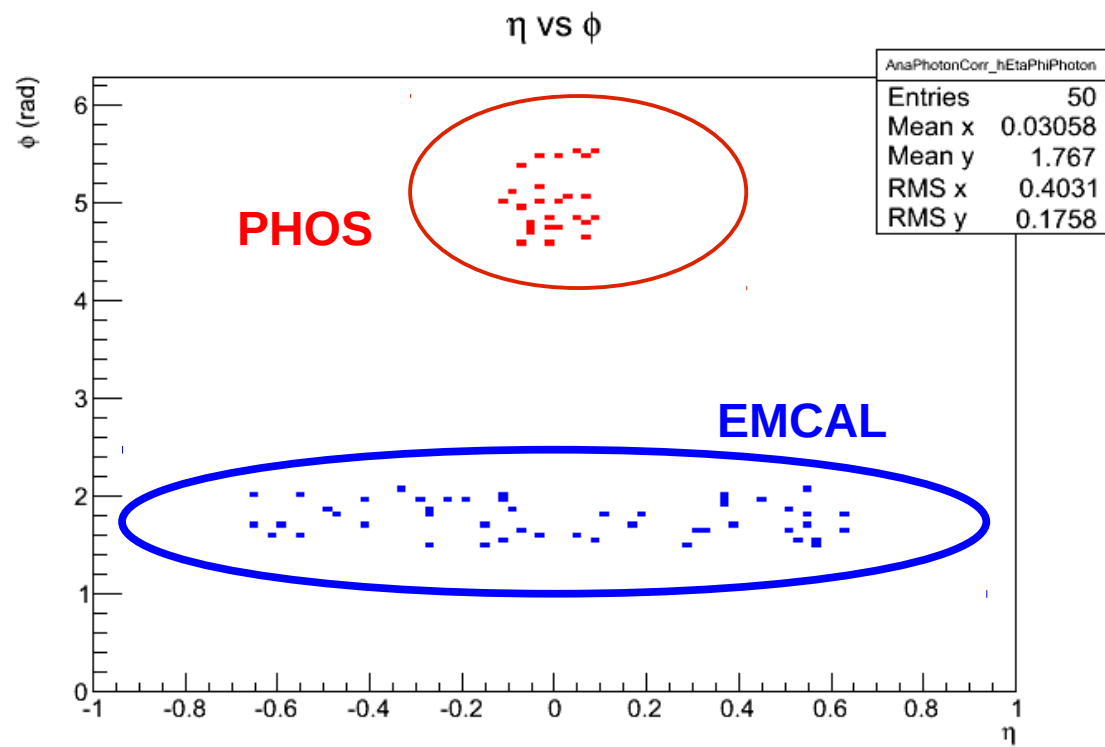


# Weekly progress report

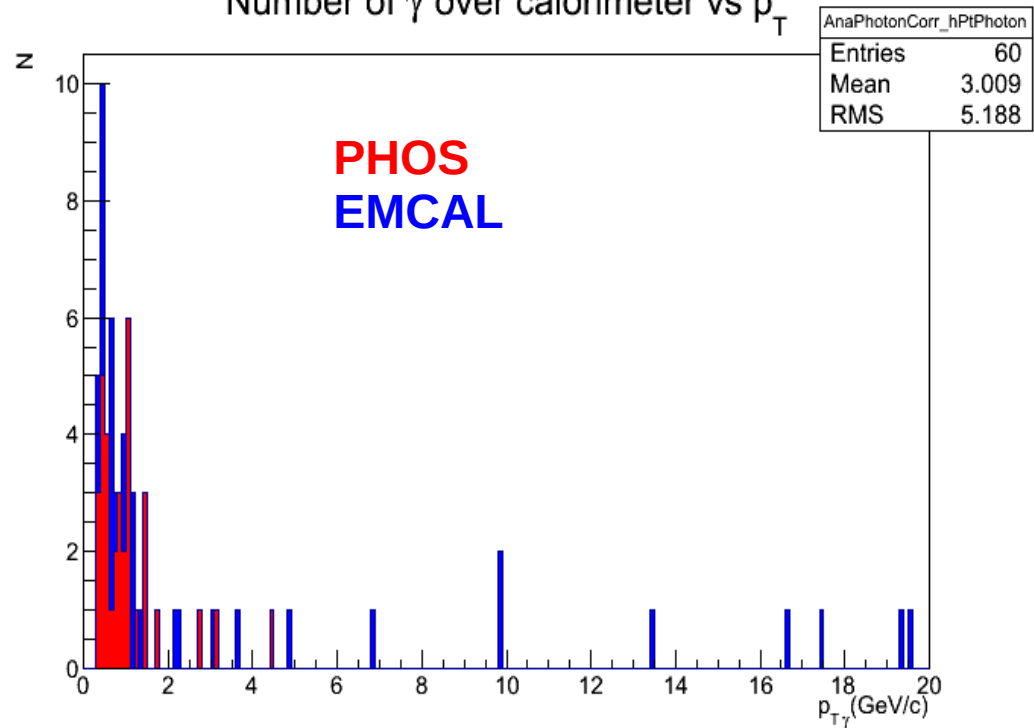
Sona Pochybova  
2011/10/25

# What was done

- Learnt to work within a framework
- Some problems
  - ✓ Only possible to work with PHOS
    - ✓ Added EMCAL – GEOMETRY settings very important
  - ✓ Not possible to do  $\text{Pi}^0$  invariant mass analytically
    - ✓ Combination of switches
  - ✓ Could not run on GRID
- Data sample: LHC08d9, running in test mode – still small stats yet



Number of  $\gamma$  over calorimeter vs  $p_T$



# Outlook

- Now that framework is working, cut determination can progress.
  - High  $p_T$  focus
  - Inv.mass cut
  - Isolation cut